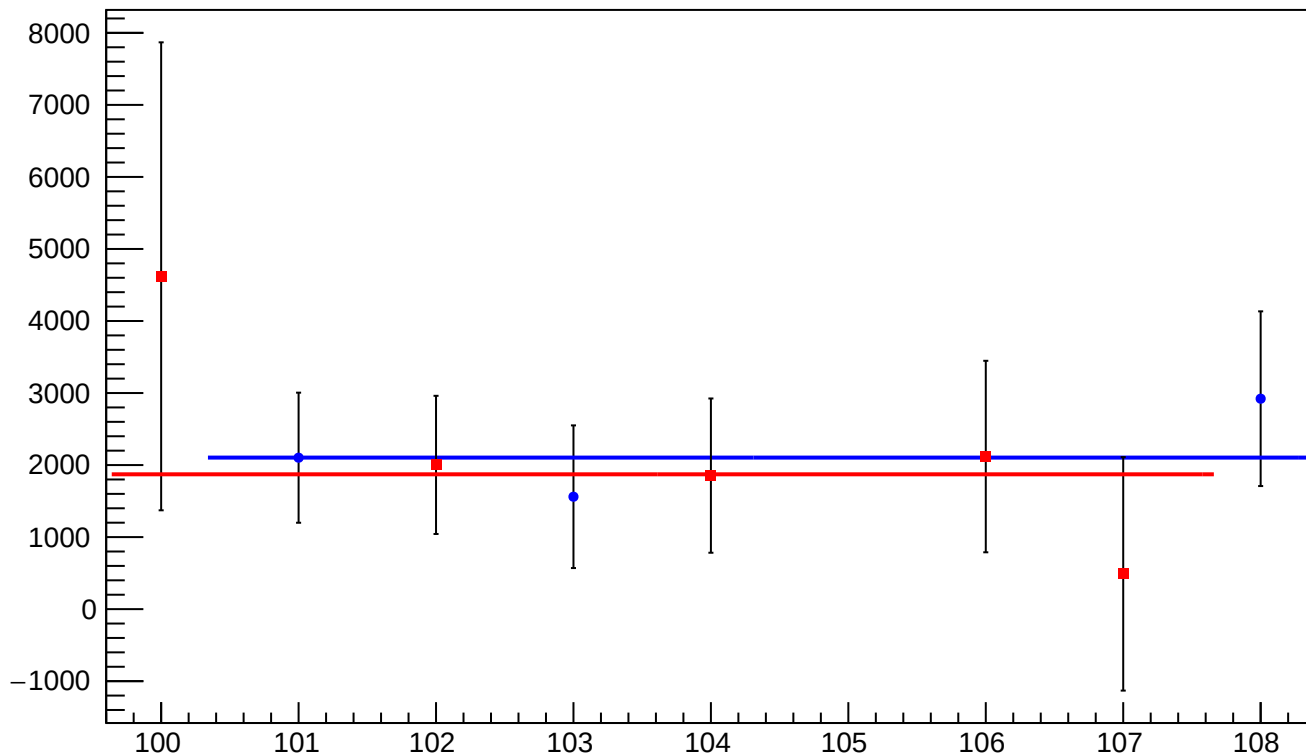


reg_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2103.757+/-584.594 χ^2/NDF : 0.8/2

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

Right Out: 1871.730+/-577.261 χ^2/NDF : 1.5/4

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

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 1986.279+/-410.753

χ^2/NDF : 2.3/7

In: 2103.757+/-584.594

χ^2/NDF : 0.8/2

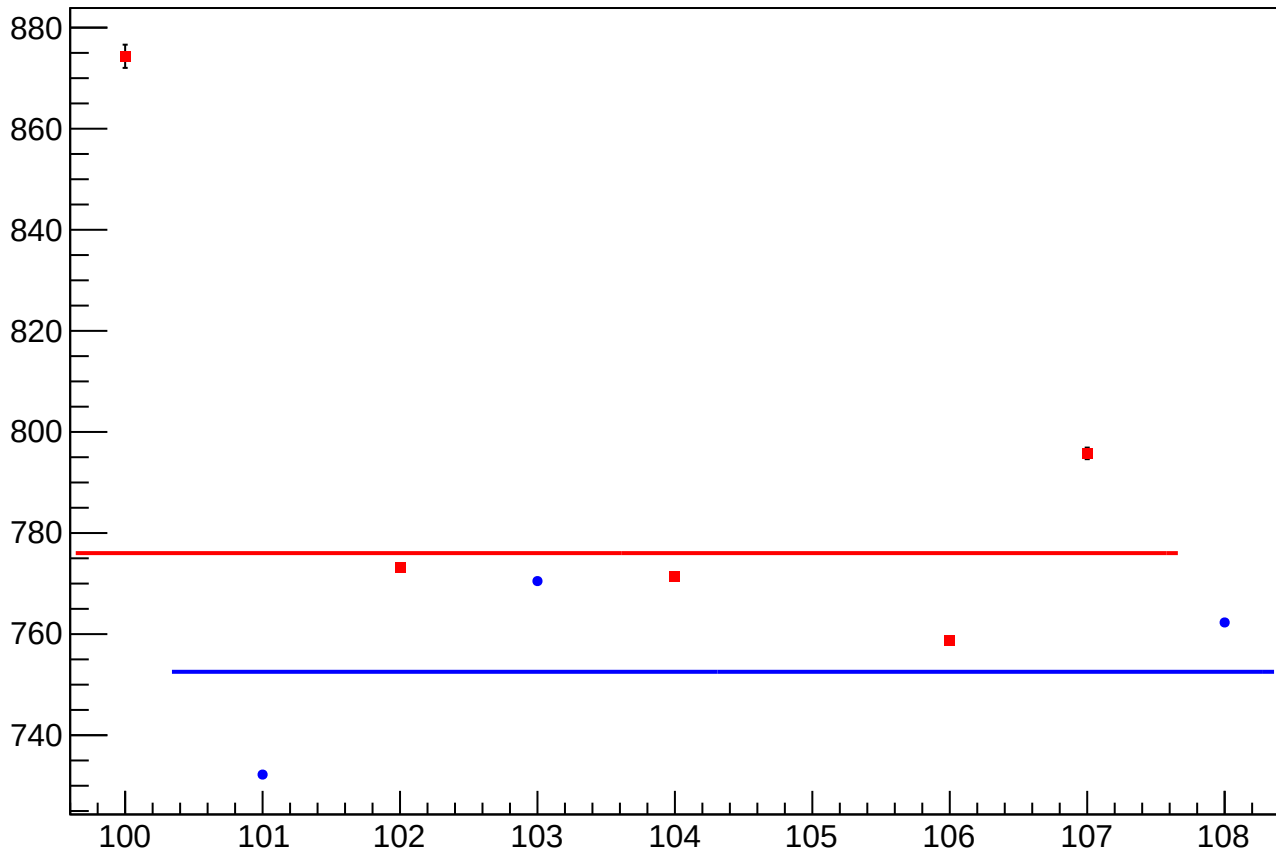
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1986.279+/-410.753

χ^2/NDF : 2.3/7

reg_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 752.545 $\pm$ 0.413 χ^2 /NDF: 1800.9/2

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

Right Out: 776.027 $\pm$ 0.408 χ^2 /NDF: 2517.6/4

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

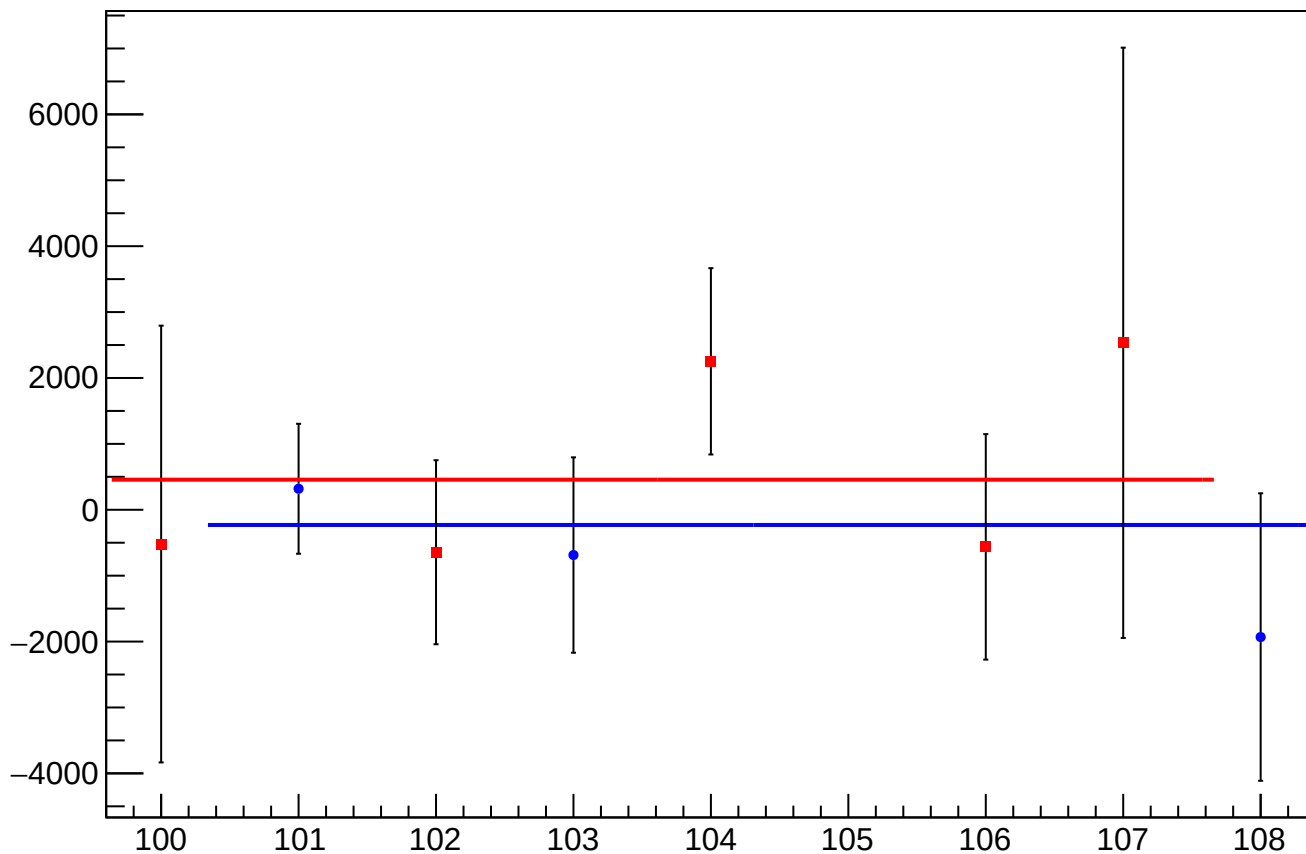
Right: 764.434 $\pm$ 0.290 χ^2 /NDF: 5952.2/7

In: 752.545 $\pm$ 0.413 χ^2 /NDF: 1800.9/2

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

All: 764.434 $\pm$ 0.290 χ^2 /NDF: 5952.2/7

asym_us_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -230.554+/-768.337 χ^2/NDF : 1.0/2

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

Right Out: 456.727+/-817.650 χ^2/NDF : 2.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

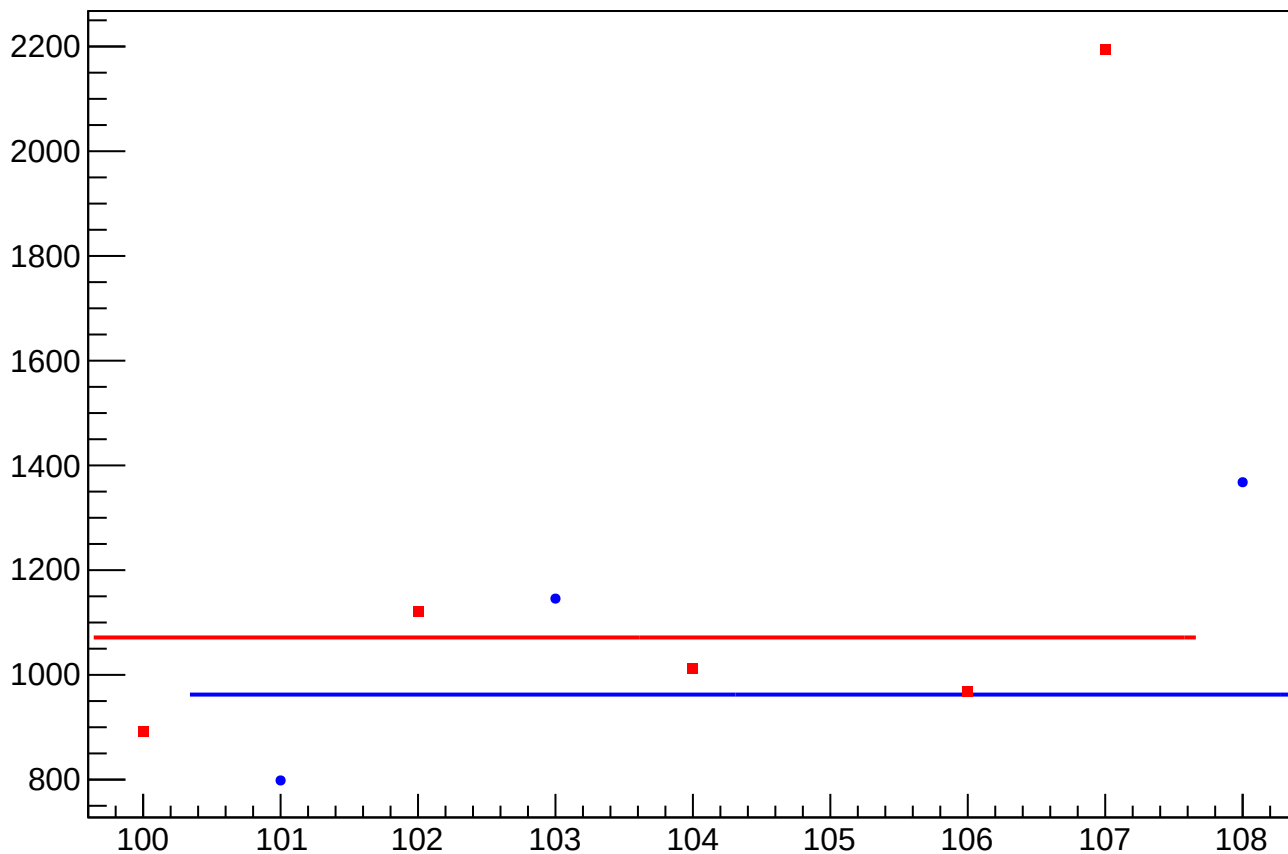
Right: 91.737+/-559.918 χ^2/NDF : 4.3/7

In: -230.554+/-768.337 χ^2/NDF : 1.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.737+/-559.918 χ^2/NDF : 4.3/7

asym_us_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 962.376+/-0.543 χ^2/NDF : 154989.1/2

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

Right Out: 1071.440+/-0.578 χ^2/NDF : 144801.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

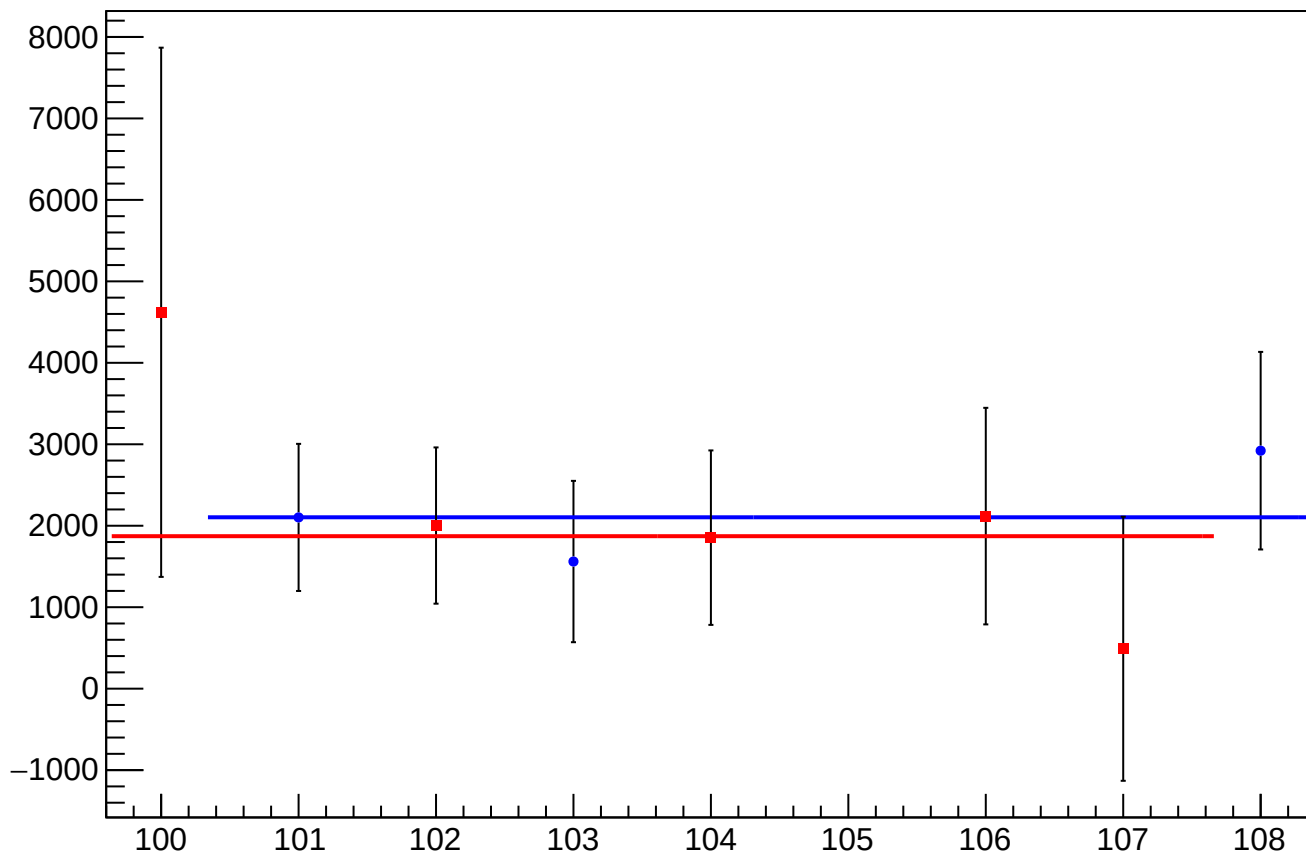
Right: 1013.520+/-0.396 χ^2/NDF : 318687.5/7

In: 962.376+/-0.543 χ^2/NDF : 154989.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1013.520+/-0.396 χ^2/NDF : 318687.5/7

cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2103.757+/-584.594 χ^2/NDF : 0.8/2

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

Right Out: 1871.730+/-577.261 χ^2/NDF : 1.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

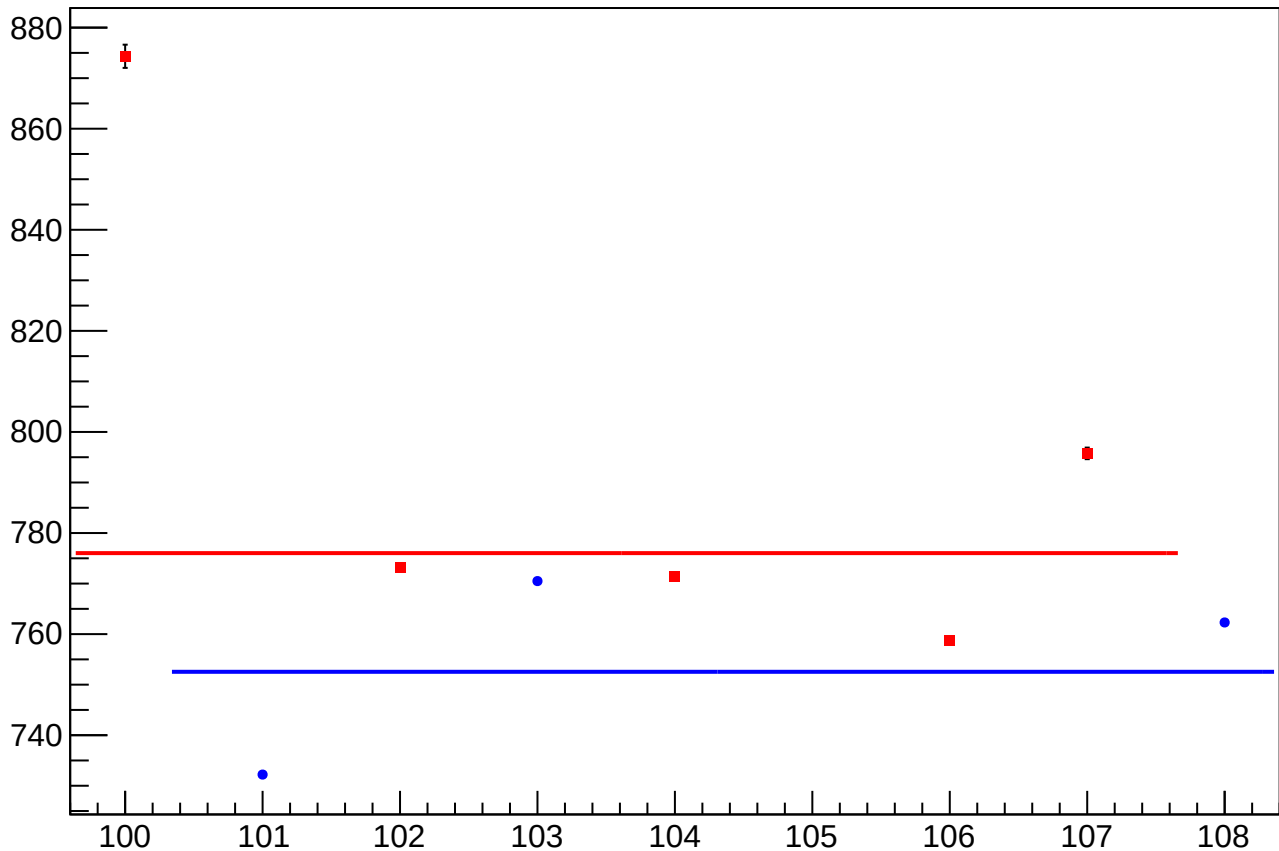
Right: 1986.279+/-410.753 χ^2/NDF : 2.3/7

In: 2103.757+/-584.594 χ^2/NDF : 0.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1986.279+/-410.753 χ^2/NDF : 2.3/7

cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 752.545 $\pm$ 0.413 χ^2/NDF : 1800.9/2

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

Right Out: 776.027 $\pm$ 0.408 χ^2/NDF : 2517.6/4

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

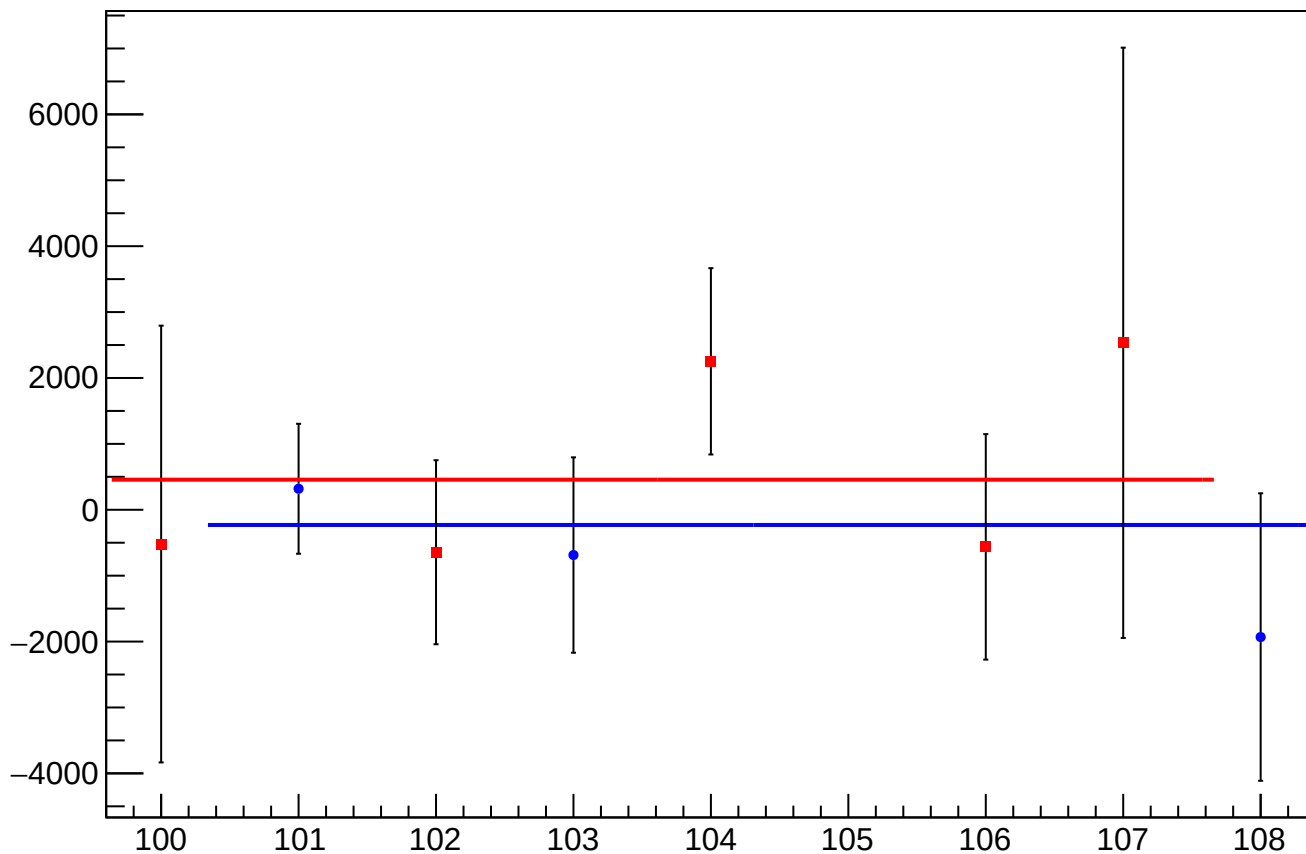
Right: 764.434 $\pm$ 0.290 χ^2/NDF : 5952.2/7

In: 752.545 $\pm$ 0.413 χ^2/NDF : 1800.9/2

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

All: 764.434 $\pm$ 0.290 χ^2/NDF : 5952.2/7

asym_us_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -230.554+/-768.337 χ^2/NDF : 1.0/2

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

Right Out: 456.727+/-817.650 χ^2/NDF : 2.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

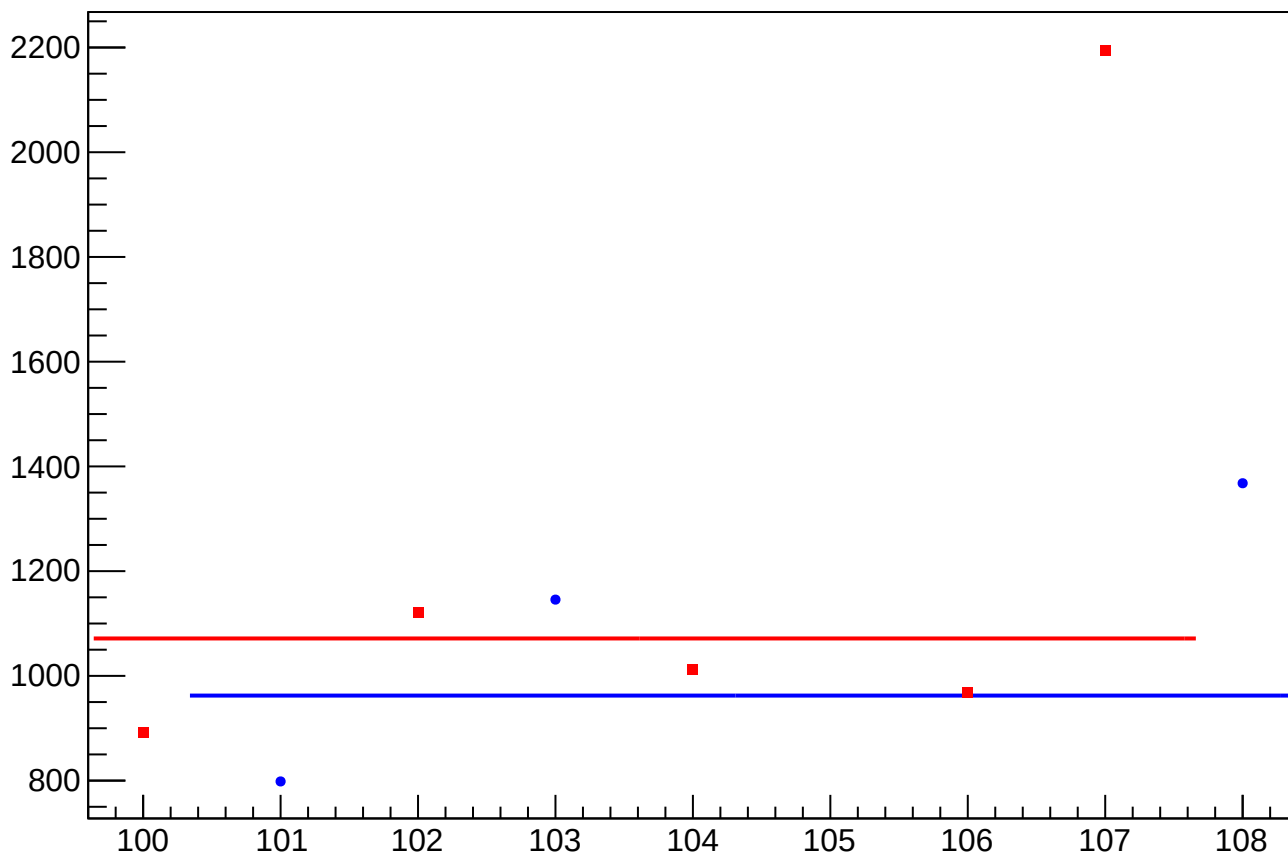
Right: 91.737+/-559.918 χ^2/NDF : 4.3/7

In: -230.554+/-768.337 χ^2/NDF : 1.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.737+/-559.918 χ^2/NDF : 4.3/7

asym_us_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 962.376+/-0.543 χ^2/NDF : 154989.1/2

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

Right Out: 1071.440+/-0.578 χ^2/NDF : 144801.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

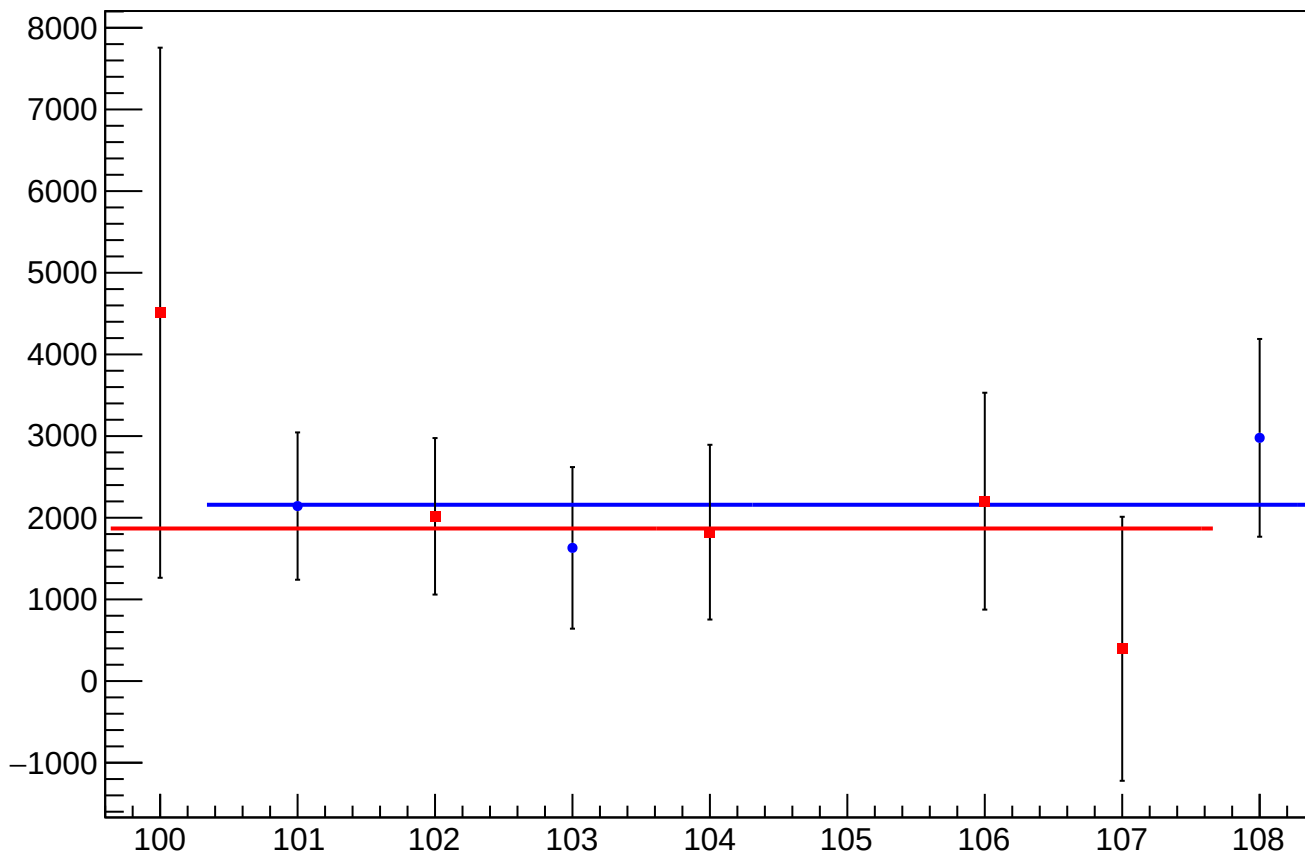
Right: 1013.520+/-0.396 χ^2/NDF : 318687.5/7

In: 962.376+/-0.543 χ^2/NDF : 154989.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1013.520+/-0.396 χ^2/NDF : 318687.5/7

overload_cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2158.856+/-583.981 χ^2/NDF : 0.7/2

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

Right Out: 1868.299+/-576.684 χ^2/NDF : 1.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

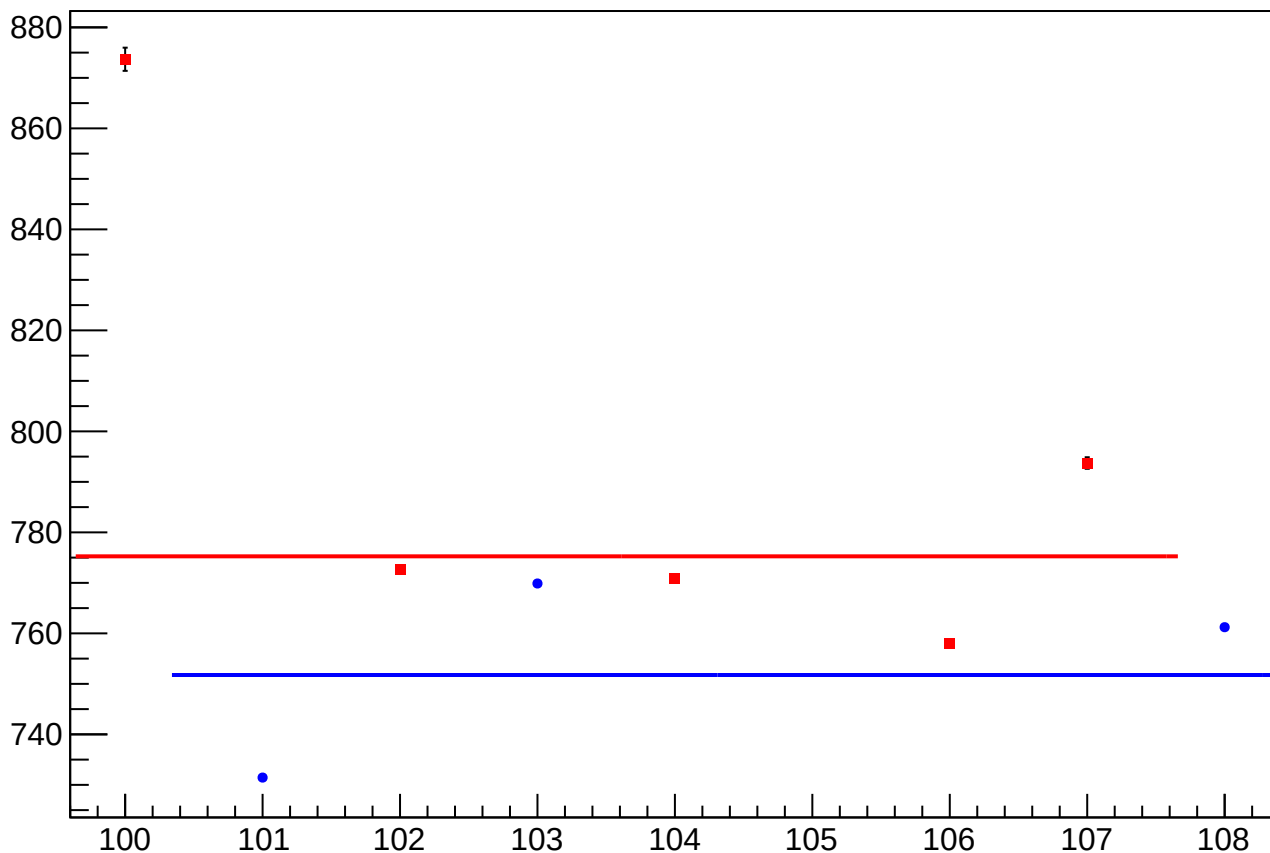
Right: 2011.751+/-410.333 χ^2/NDF : 2.5/7

In: 2158.856+/-583.981 χ^2/NDF : 0.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2011.751+/-410.333 χ^2/NDF : 2.5/7

overload_cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 751.755+/-0.413 χ^2/NDF : 1807.1/2

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

Right Out: 775.254+/-0.408 χ^2/NDF : 2483.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

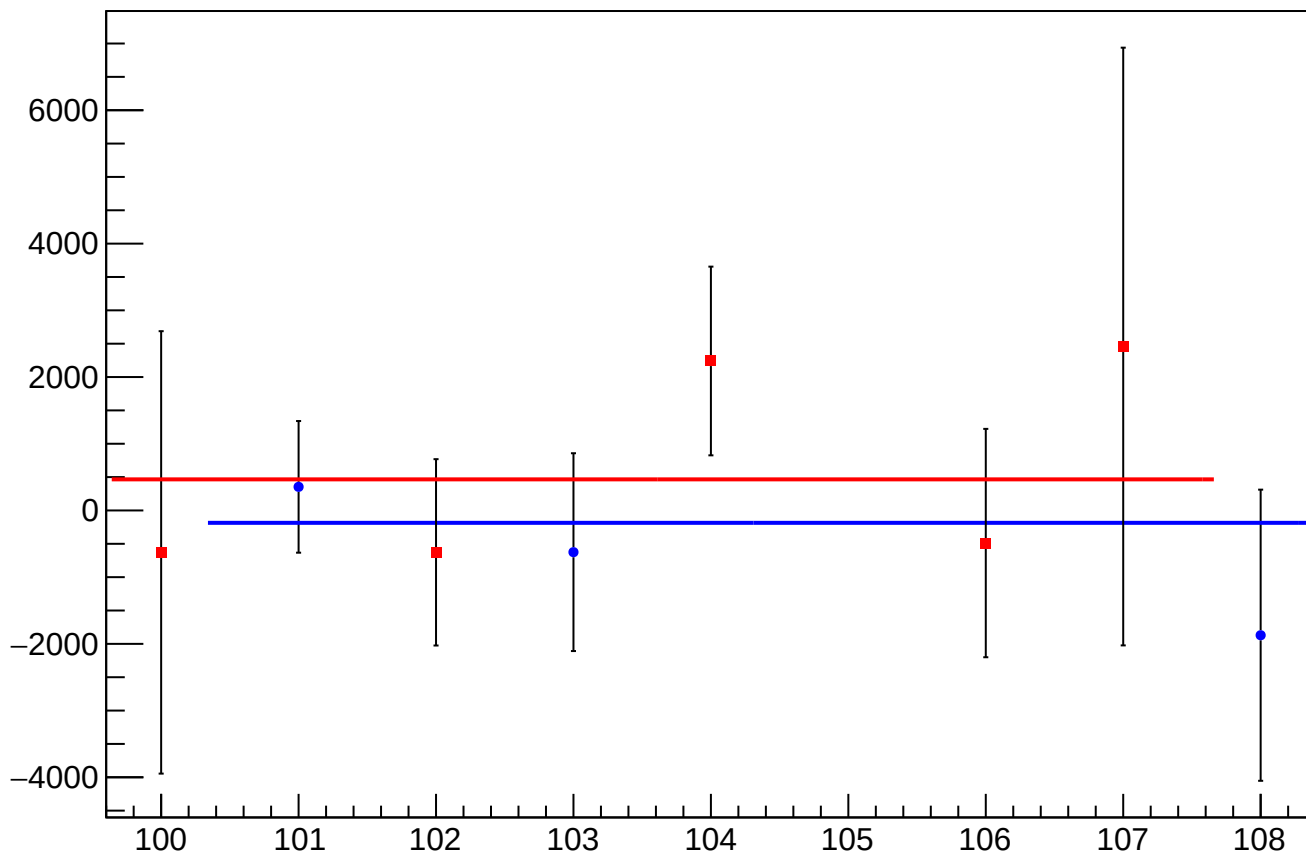
Right: 763.652+/-0.290 χ^2/NDF : 5930.0/7

In: 751.755+/-0.413 χ^2/NDF : 1807.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 763.652+/-0.290 χ^2/NDF : 5930.0/7

asym_us_avg_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: -185.512+/-768.870 χ^2/NDF : 1.0/2

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

Right Out: 466.086+/-818.017 χ^2/NDF : 2.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

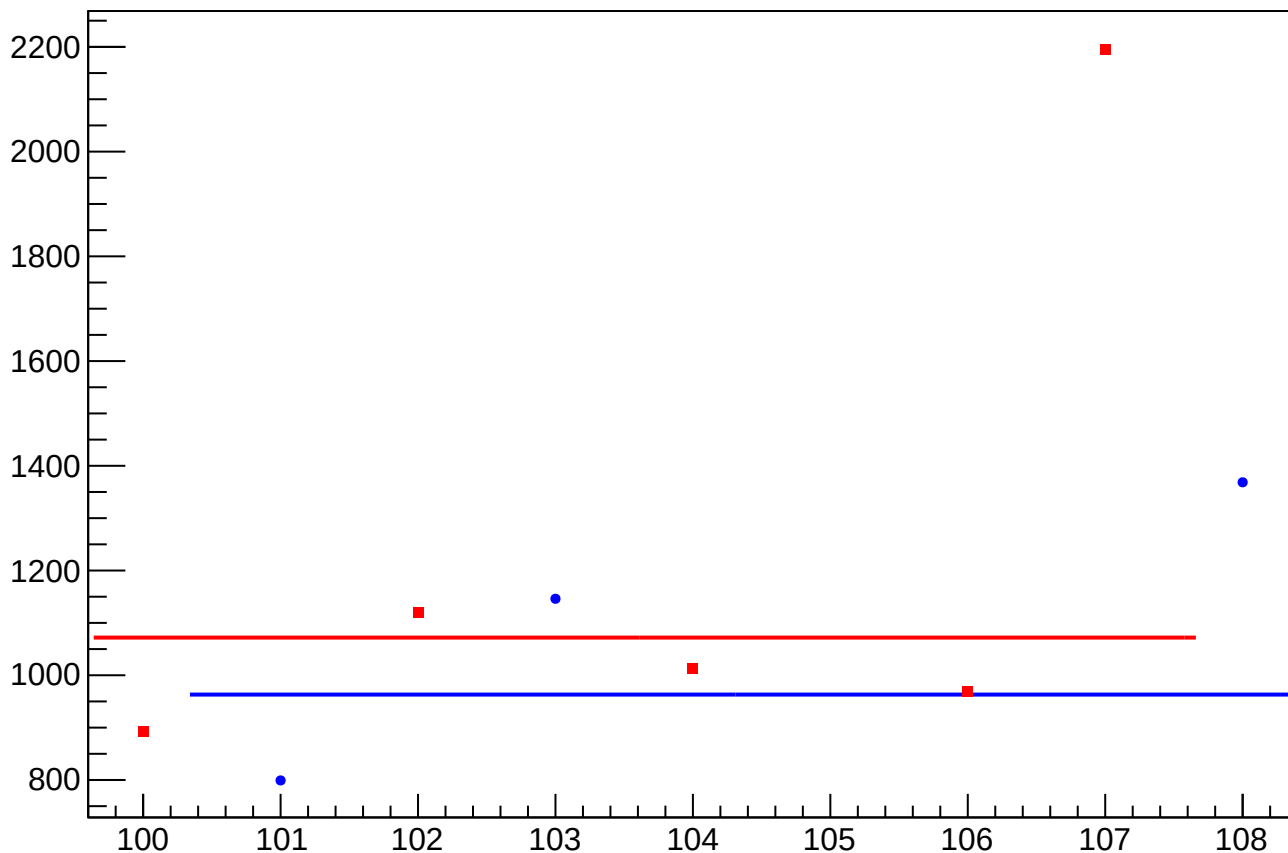
Right: 120.126+/-560.242 χ^2/NDF : 4.1/7

In: -185.512+/-768.870 χ^2/NDF : 1.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.126+/-560.242 χ^2/NDF : 4.1/7

asym_us_avg_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 963.096+/-0.544 χ^2/NDF : 154672.0/2

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

Right Out: 1071.938+/-0.578 χ^2/NDF : 144726.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

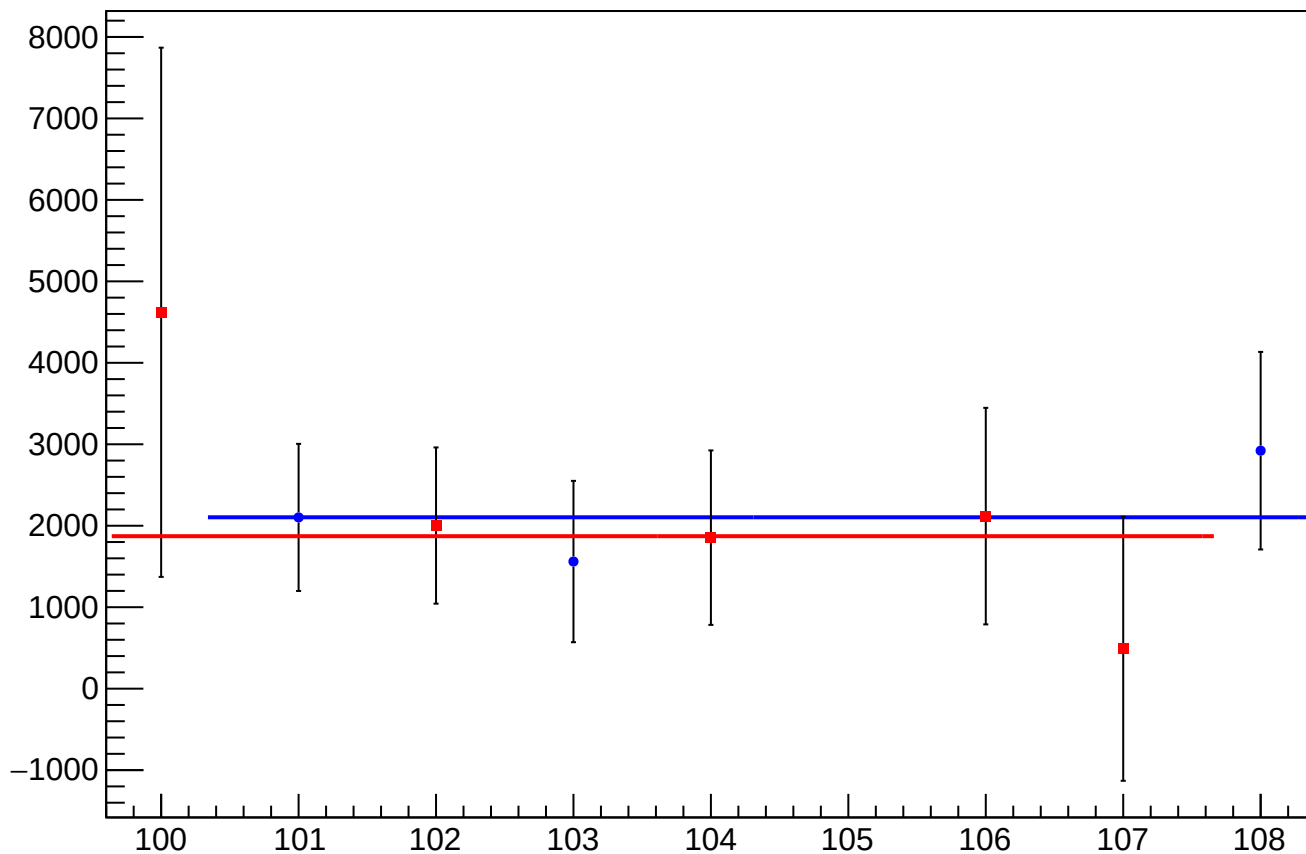
Right: 1014.149+/-0.396 χ^2/NDF : 318197.7/7

In: 963.096+/-0.544 χ^2/NDF : 154672.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1014.149+/-0.396 χ^2/NDF : 318197.7/7

eigen_cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2103.757+/-584.594 χ^2/NDF : 0.8/2

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

Right Out: 1871.730+/-577.261 χ^2/NDF : 1.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

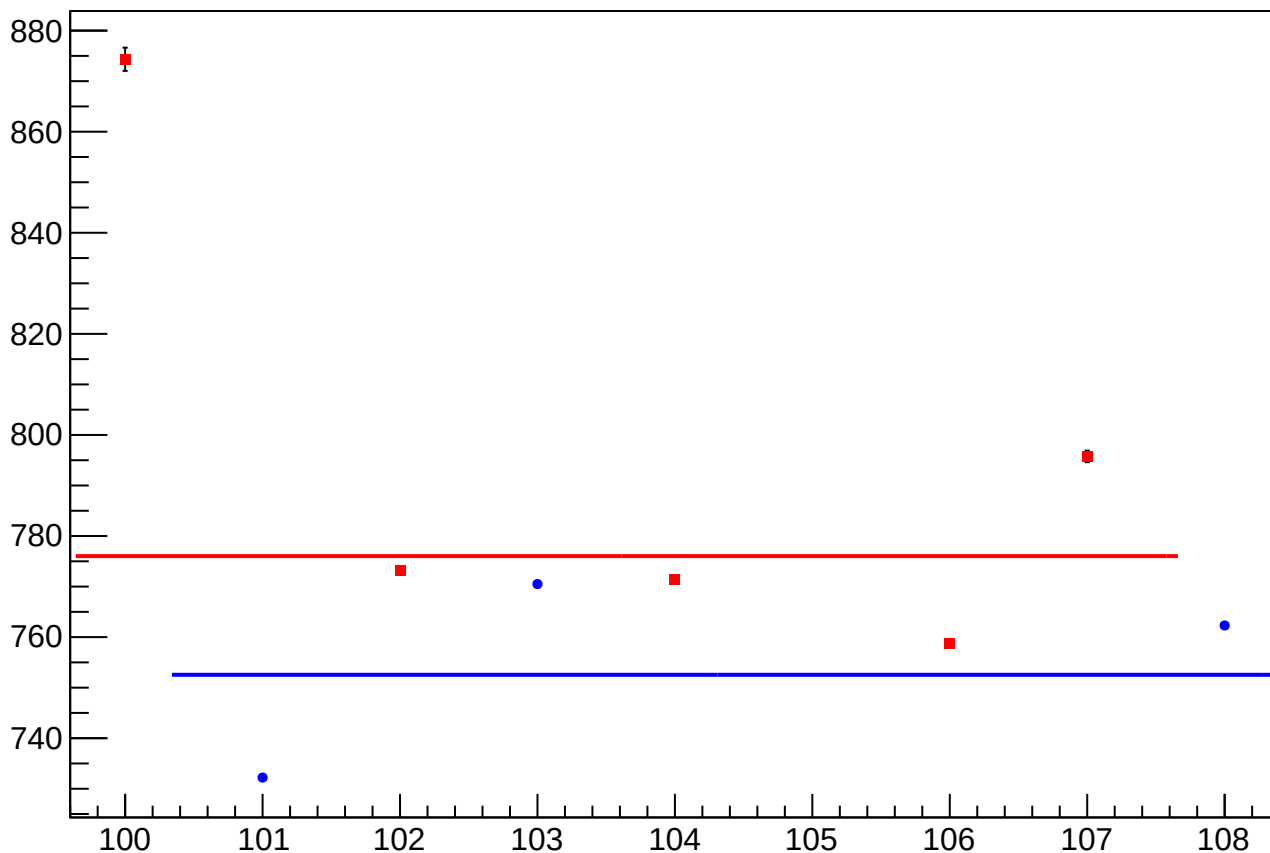
Right: 1986.279+/-410.753 χ^2/NDF : 2.3/7

In: 2103.757+/-584.594 χ^2/NDF : 0.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1986.279+/-410.753 χ^2/NDF : 2.3/7

eigen_cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 752.545+/-0.413 χ^2/NDF : 1800.9/2

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

Right Out: 776.027+/-0.408 χ^2/NDF : 2517.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

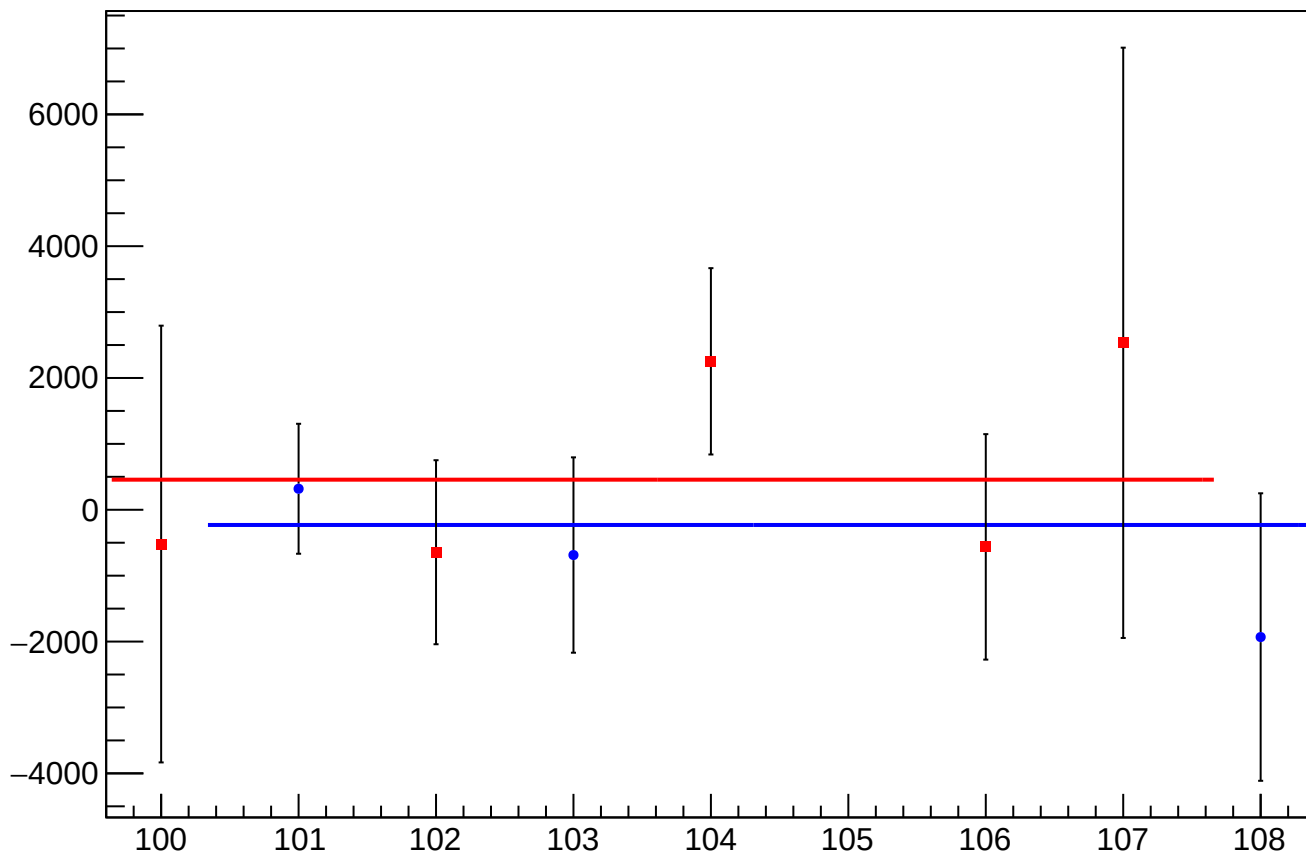
Right: 764.434+/-0.290 χ^2/NDF : 5952.2/7

In: 752.545+/-0.413 χ^2/NDF : 1800.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 764.434+/-0.290 χ^2/NDF : 5952.2/7

asym_us_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -230.554+/-768.337 χ^2/NDF : 1.0/2

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

Right Out: 456.727+/-817.650 χ^2/NDF : 2.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

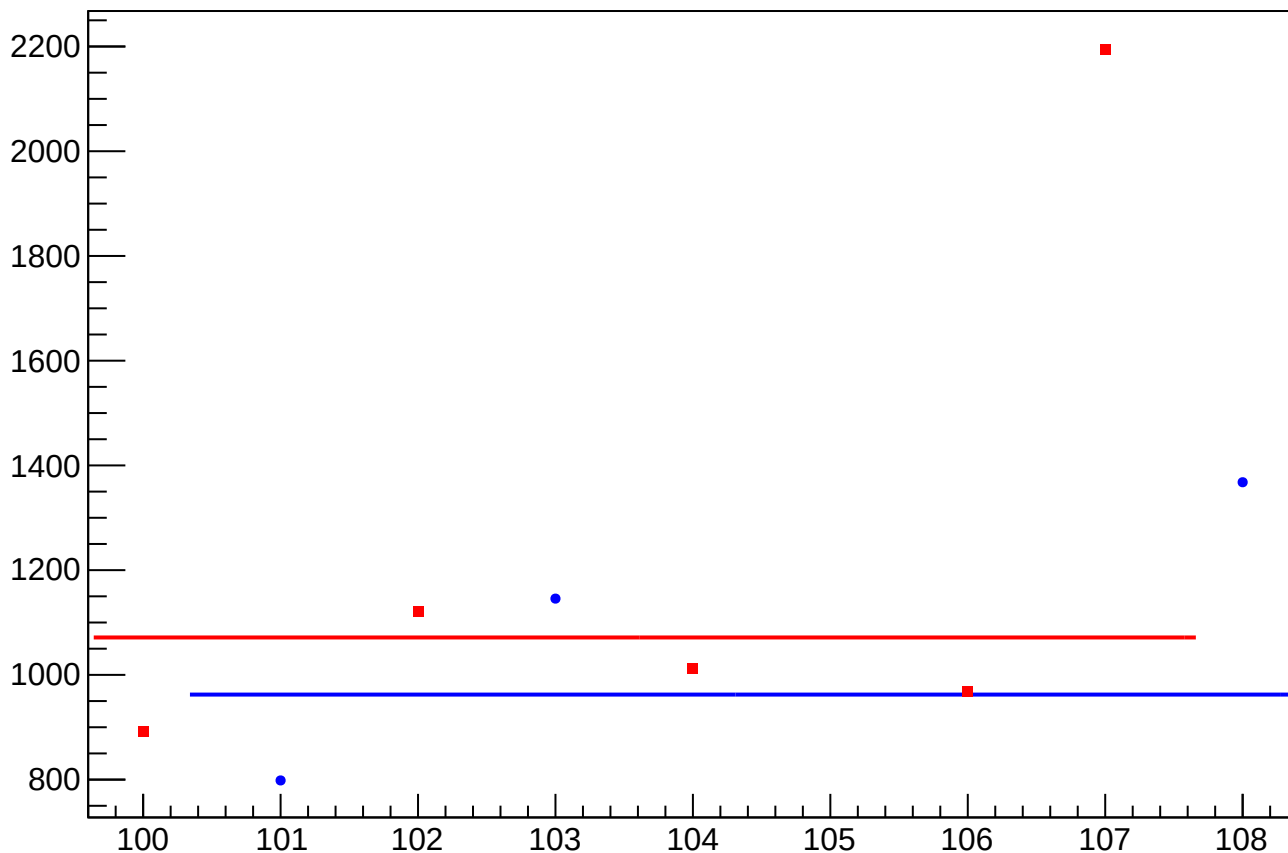
Right: 91.737+/-559.918 χ^2/NDF : 4.3/7

In: -230.554+/-768.337 χ^2/NDF : 1.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.737+/-559.918 χ^2/NDF : 4.3/7

asym_us_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 962.376+/-0.543 χ^2/NDF : 154989.1/2

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

Right Out: 1071.440+/-0.578 χ^2/NDF : 144801.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

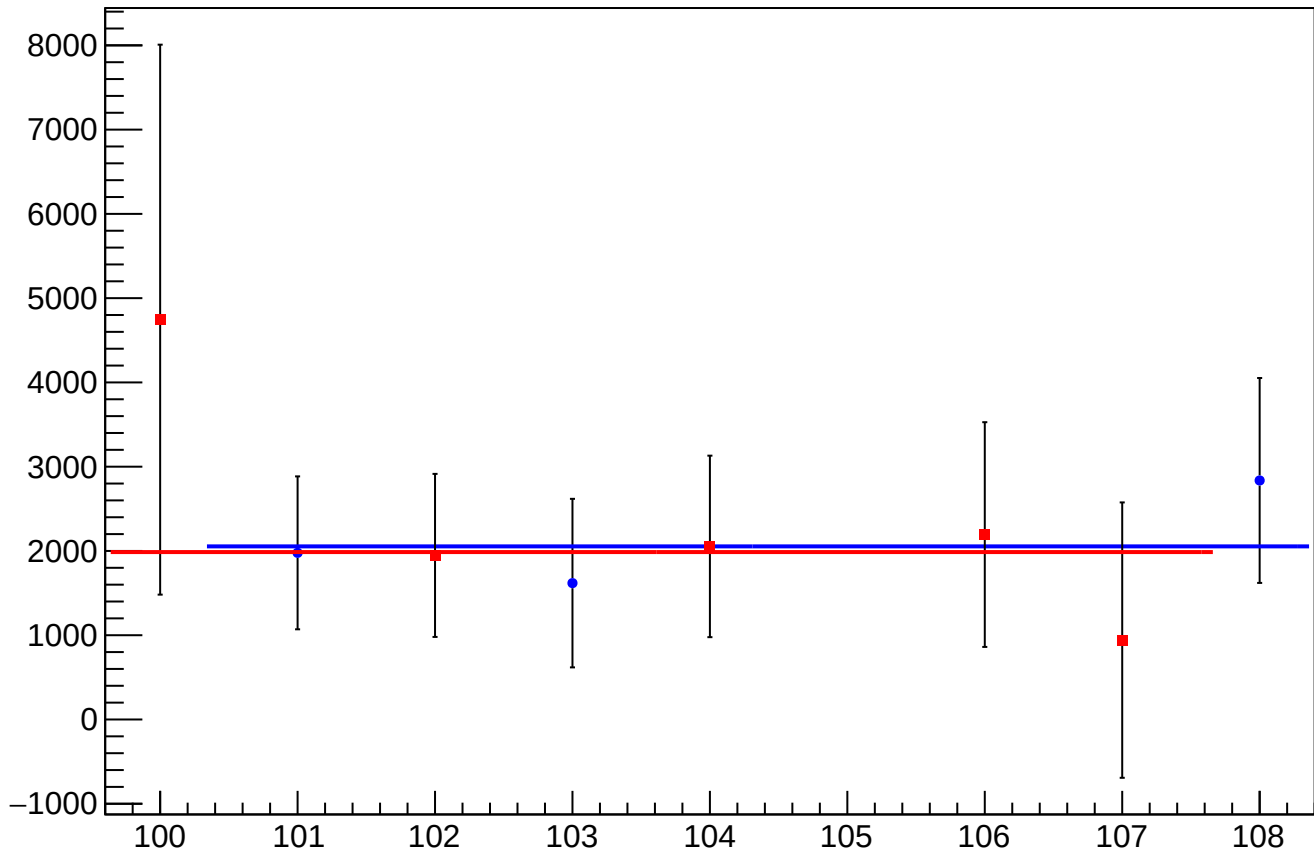
Right: 1013.520+/-0.396 χ^2/NDF : 318687.5/7

In: 962.376+/-0.543 χ^2/NDF : 154989.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1013.520+/-0.396 χ^2/NDF : 318687.5/7

dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2054.302 $\pm$ 588.138 χ^2 /NDF: 0.6/2

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

Right Out: 1986.764 $\pm$ 581.099 χ^2 /NDF: 1.2/4

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

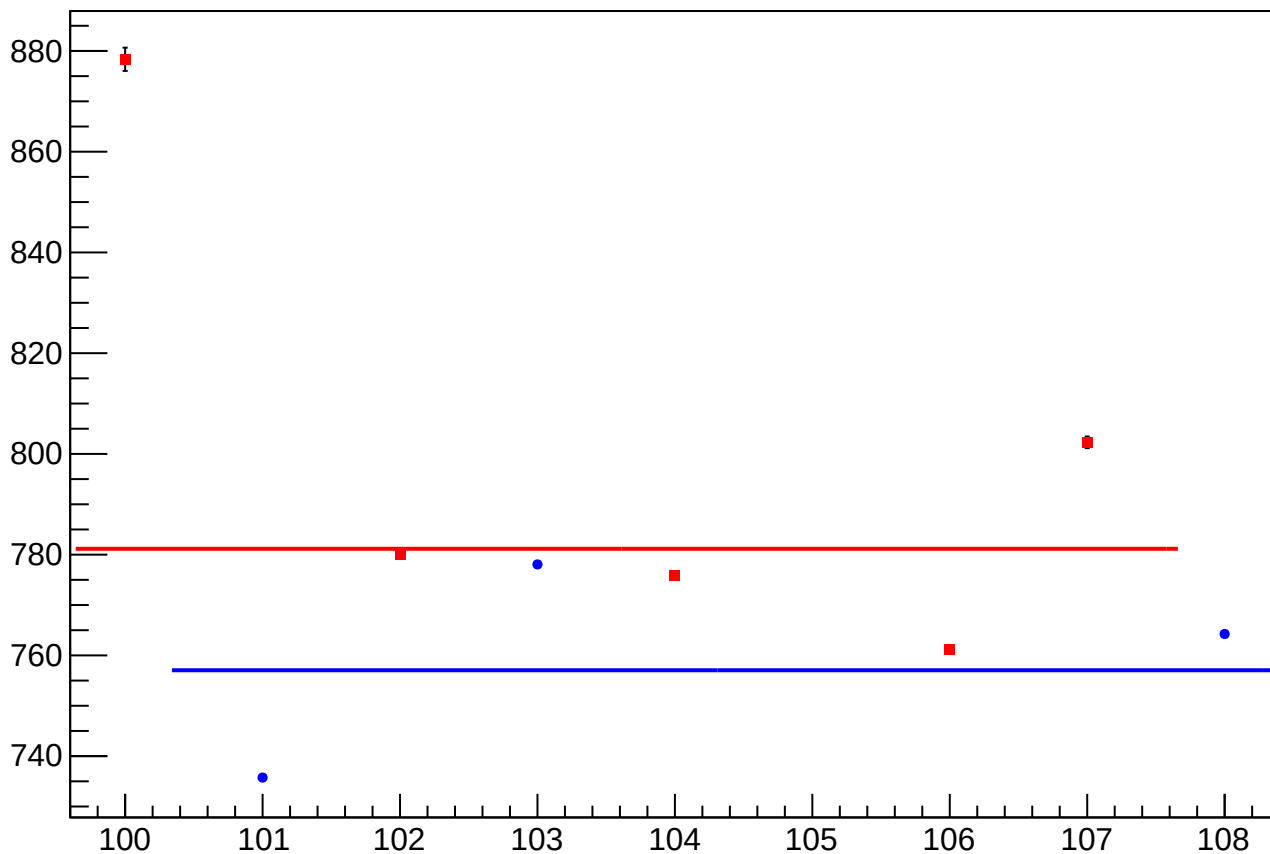
Right: 2020.126 $\pm$ 413.365 χ^2 /NDF: 1.8/7

In: 2054.302 $\pm$ 588.138 χ^2 /NDF: 0.6/2

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

All: 2020.126 $\pm$ 413.365 χ^2 /NDF: 1.8/7

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 757.051 ± 0.416 χ^2/NDF : 2055.7/2

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

Right Out: 781.166 ± 0.411 χ^2/NDF : 2605.8/4

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

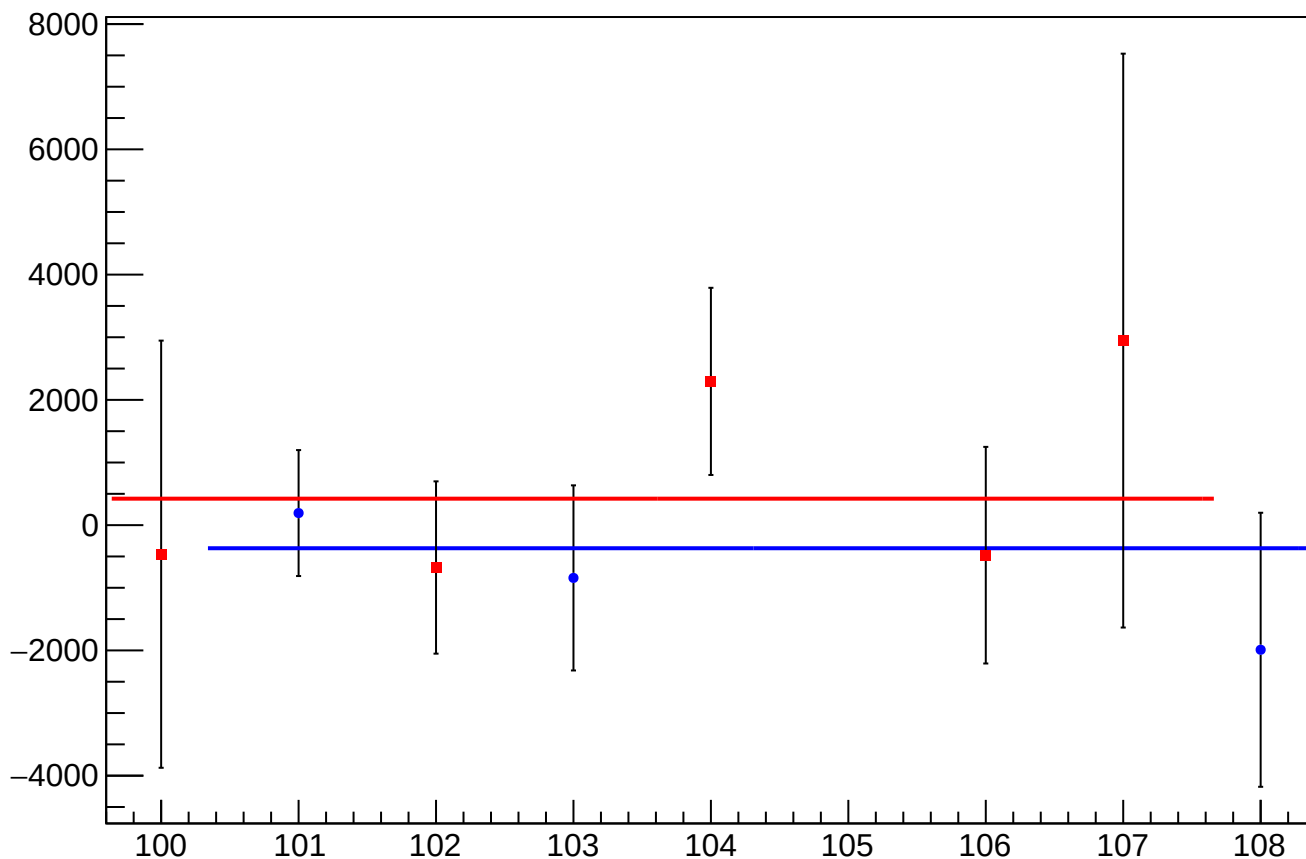
Right: 769.254 ± 0.292 χ^2/NDF : 6362.9/7

In: 757.051 ± 0.416 χ^2/NDF : 2055.7/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 769.254 ± 0.292 χ^2/NDF : 6362.9/7

asym_us_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -368.701+/-777.098 χ^2/NDF : 1.0/2

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

Right Out: 422.794+/-831.988 χ^2/NDF : 2.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

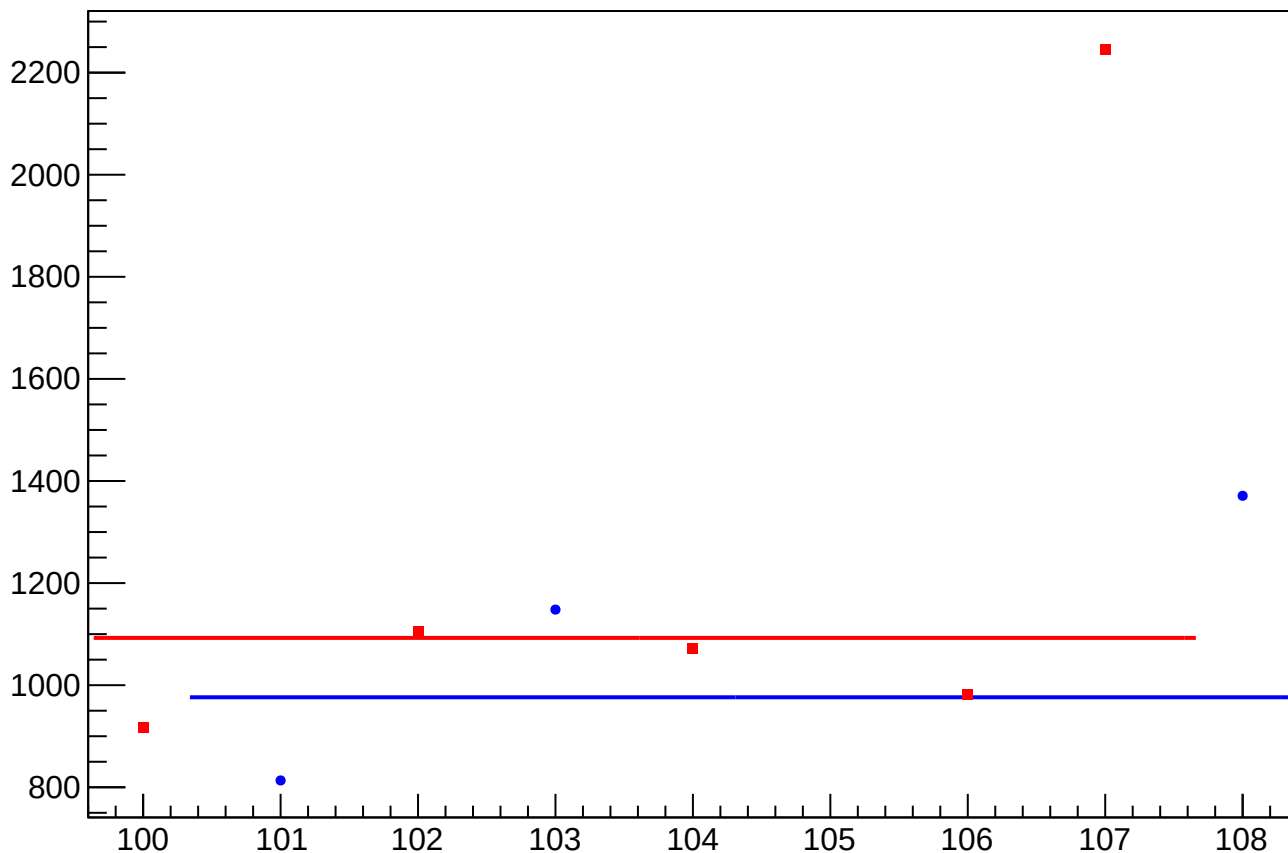
Right: 0.078+/-567.906 χ^2/NDF : 4.3/7

In: -368.701+/-777.098 χ^2/NDF : 1.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.078+/-567.906 χ^2/NDF : 4.3/7

asym_us_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 976.312+/-0.549 χ^2/NDF : 144632.0/2

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

Right Out: 1092.656+/-0.588 χ^2/NDF : 140790.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

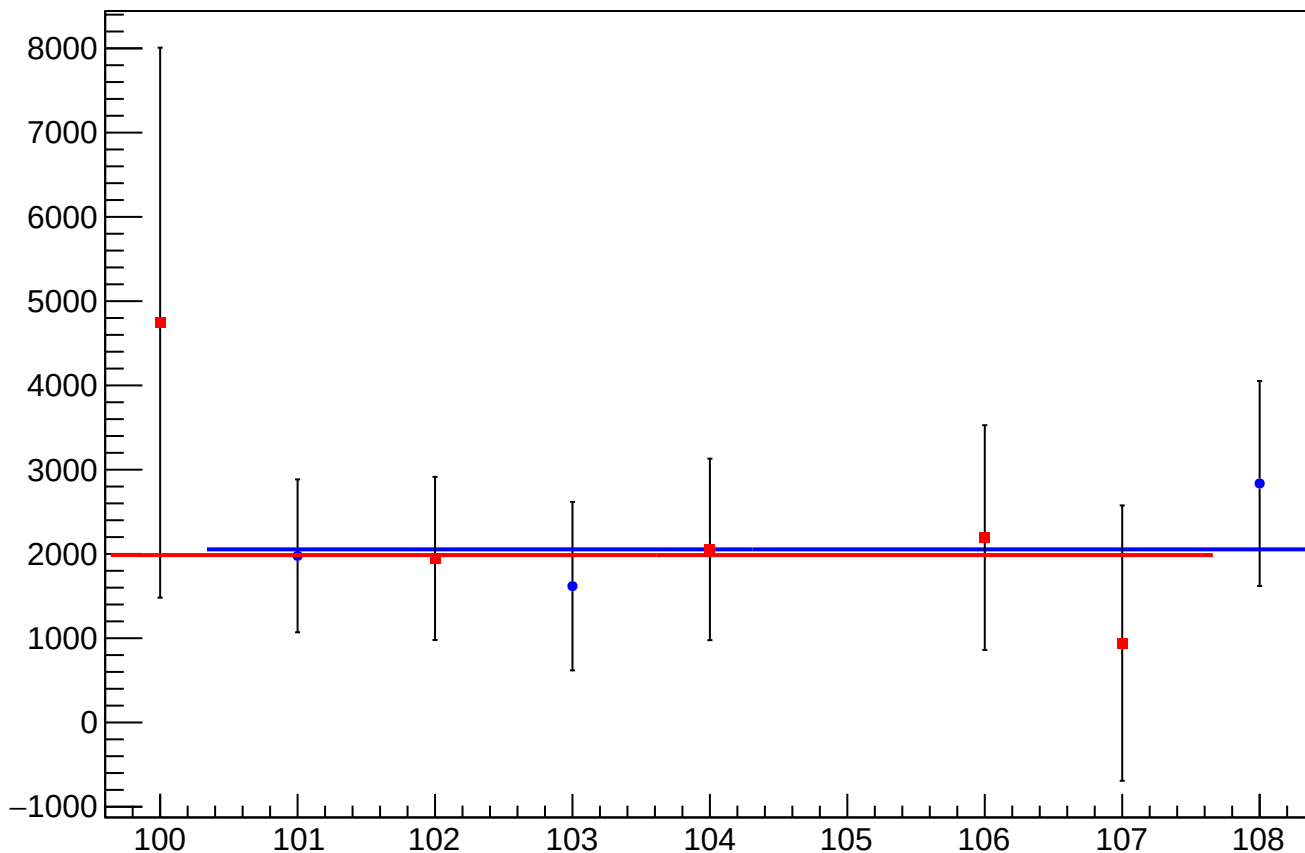
Right: 1030.519+/-0.402 χ^2/NDF : 306309.5/7

In: 976.312+/-0.549 χ^2/NDF : 144632.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1030.519+/-0.402 χ^2/NDF : 306309.5/7

eigen_dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2054.301+/-588.138 χ^2/NDF : 0.6/2

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

Right Out: 1986.757+/-581.099 χ^2/NDF : 1.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

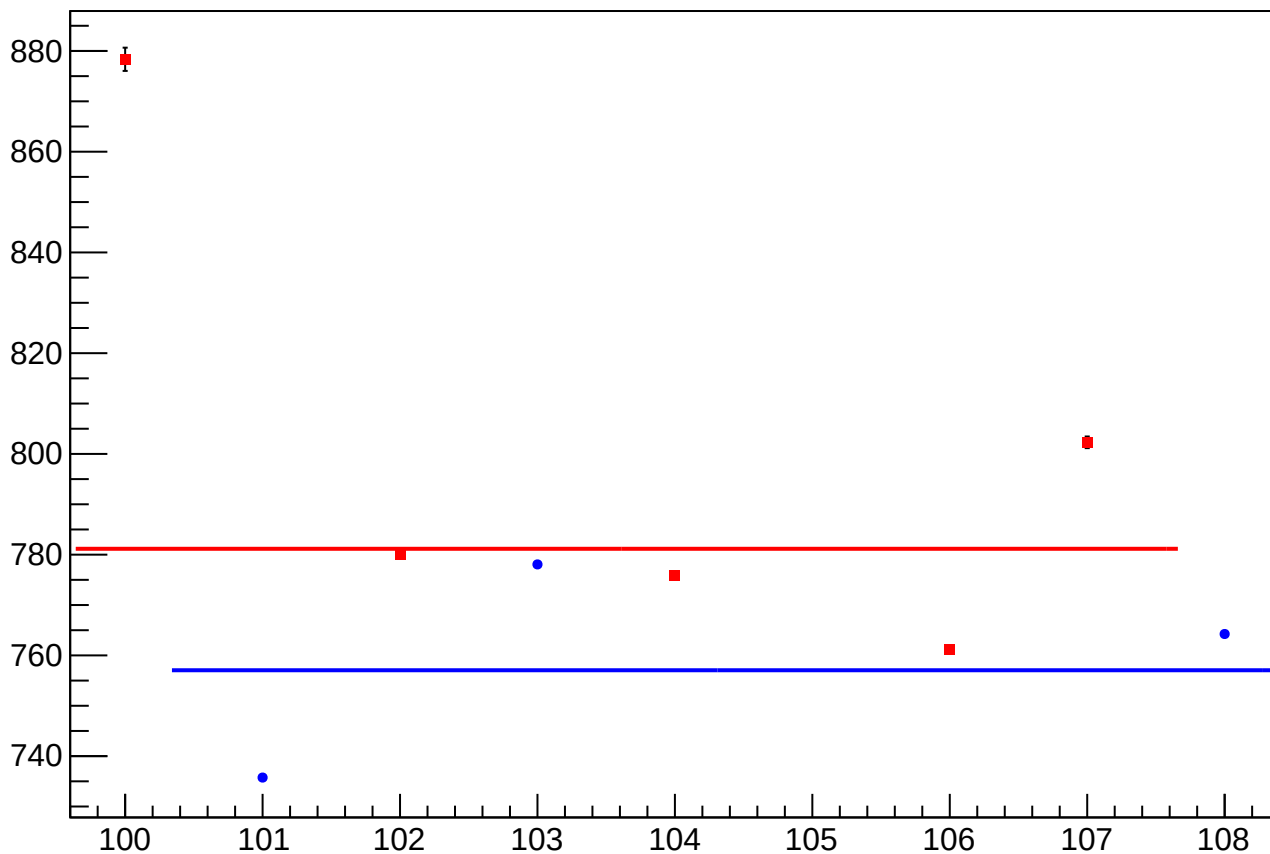
Right: 2020.123+/-413.365 χ^2/NDF : 1.8/7

In: 2054.301+/-588.138 χ^2/NDF : 0.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2020.123+/-413.365 χ^2/NDF : 1.8/7

eigen_dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 757.051 $\pm$ 0.416 χ^2 /NDF: 2055.8/2

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

Right Out: 781.166 $\pm$ 0.411 χ^2 /NDF: 2605.8/4

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

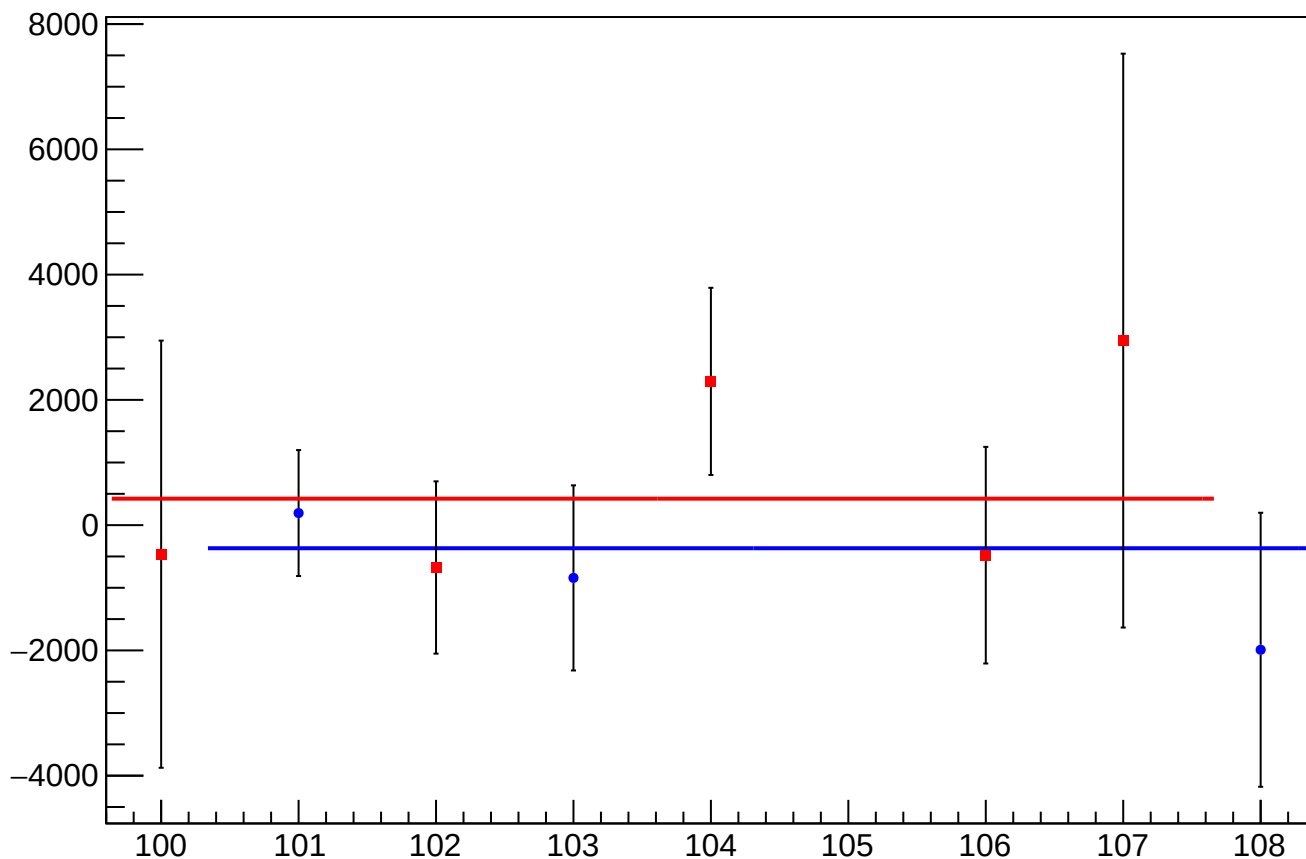
Right: 769.254 $\pm$ 0.292 χ^2 /NDF: 6362.9/7

In: 757.051 $\pm$ 0.416 χ^2 /NDF: 2055.8/2

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

All: 769.254 $\pm$ 0.292 χ^2 /NDF: 6362.9/7

asym_us_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -368.702+/-777.097 χ^2/NDF : 1.0/2

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

Right Out: 422.791+/-831.987 χ^2/NDF : 2.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

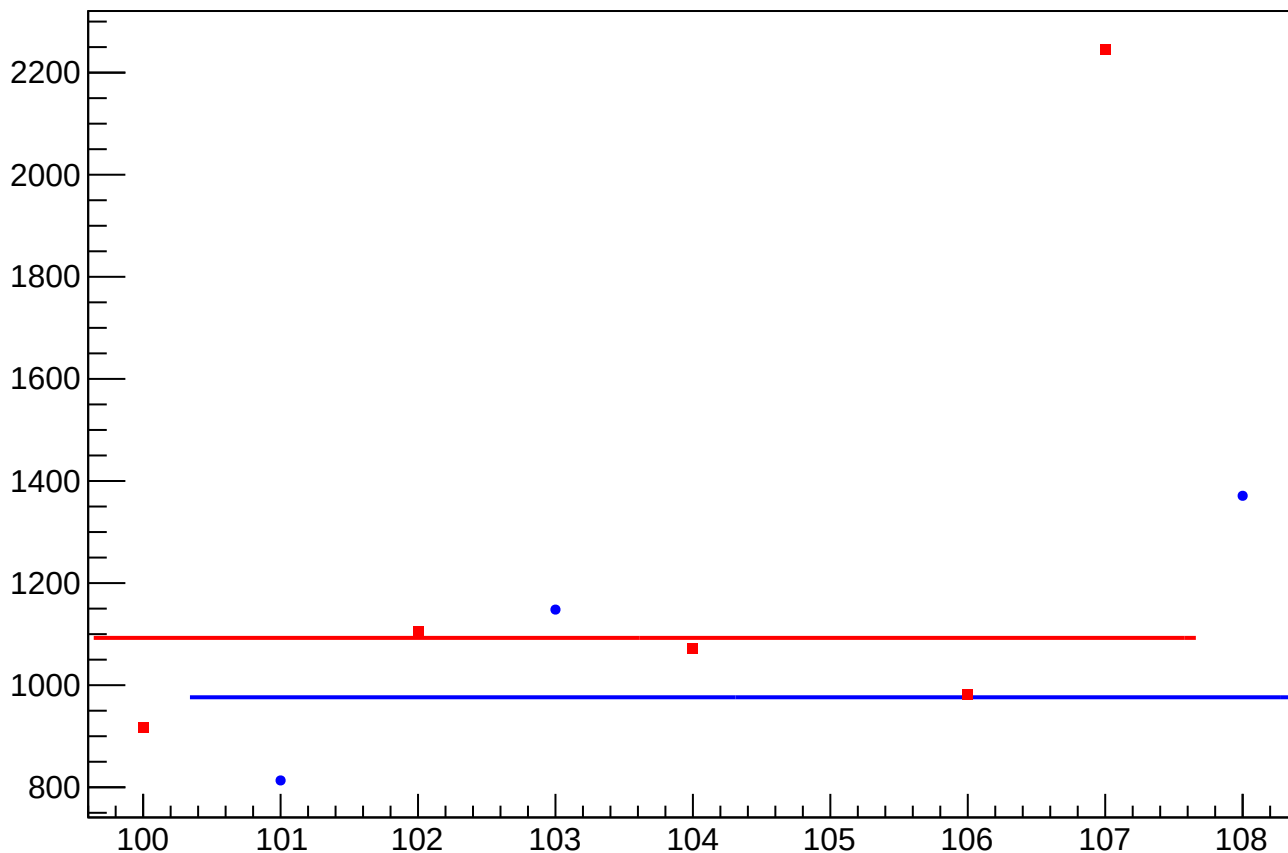
Right: 0.076+/-567.905 χ^2/NDF : 4.3/7

In: -368.702+/-777.097 χ^2/NDF : 1.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.076+/-567.905 χ^2/NDF : 4.3/7

asym_us_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 976.310+/-0.549 χ^2/NDF : 144631.4/2

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

Right Out: 1092.654+/-0.588 χ^2/NDF : 140788.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

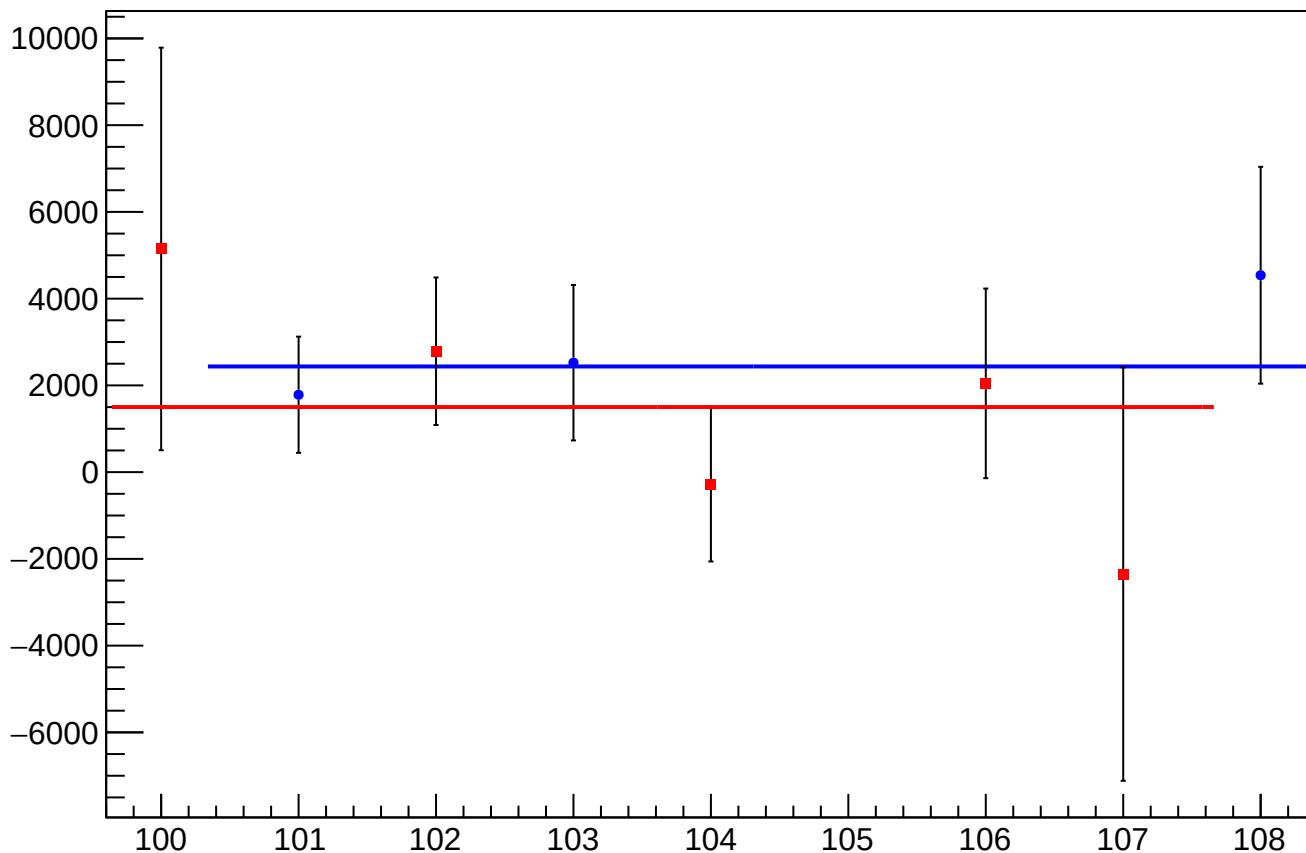
Right: 1030.518+/-0.402 χ^2/NDF : 306307.6/7

In: 976.310+/-0.549 χ^2/NDF : 144631.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1030.518+/-0.402 χ^2/NDF : 306307.6/7

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2436.662+/-985.922 χ^2/NDF : 0.9/2

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

Right Out: 1500.843+/-1020.794 χ^2/NDF : 2.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

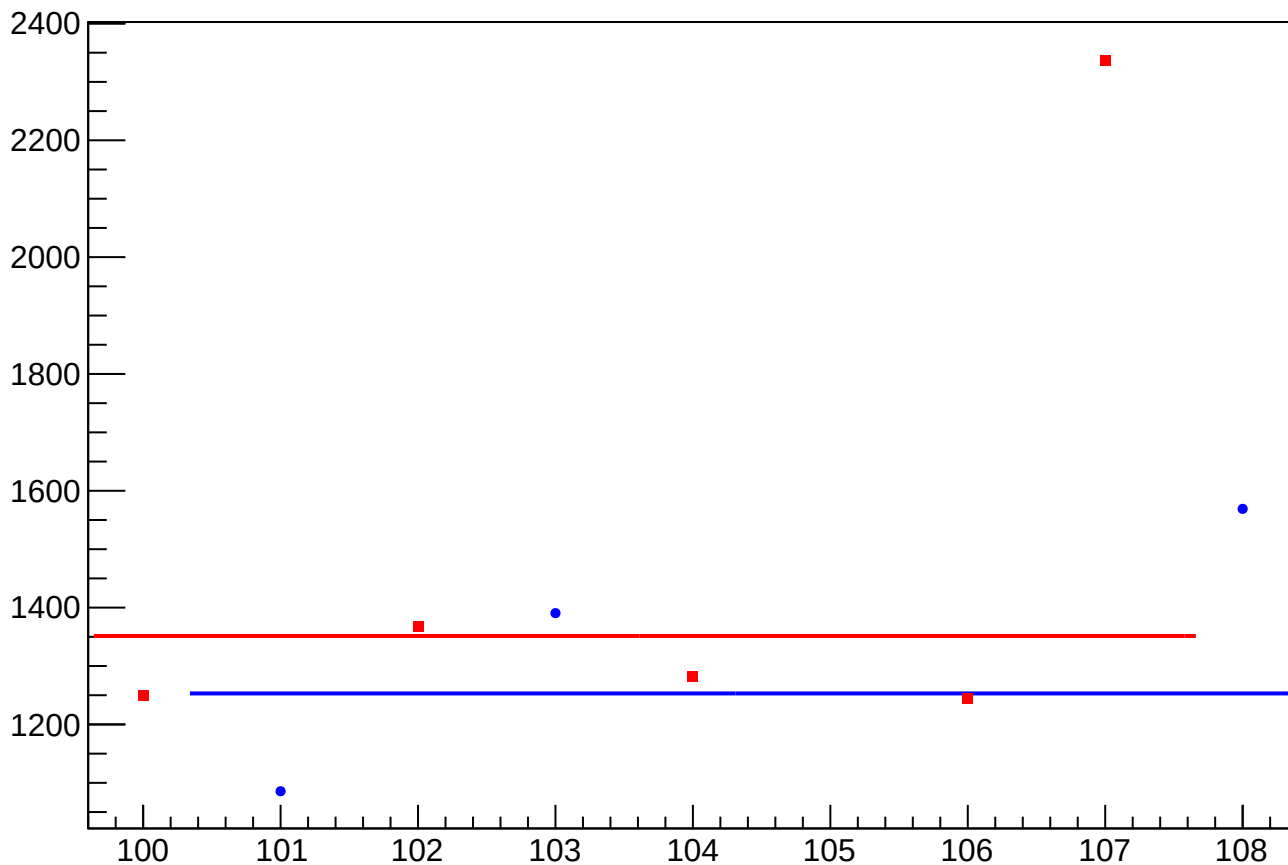
Right: 1985.010+/-709.160 χ^2/NDF : 4.3/7

In: 2436.662+/-985.922 χ^2/NDF : 0.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1985.010+/-709.160 χ^2/NDF : 4.3/7

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1253.071+/-0.697 χ^2/NDF : 74981.4/2

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

Right Out: 1351.444+/-0.722 χ^2/NDF : 94455.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

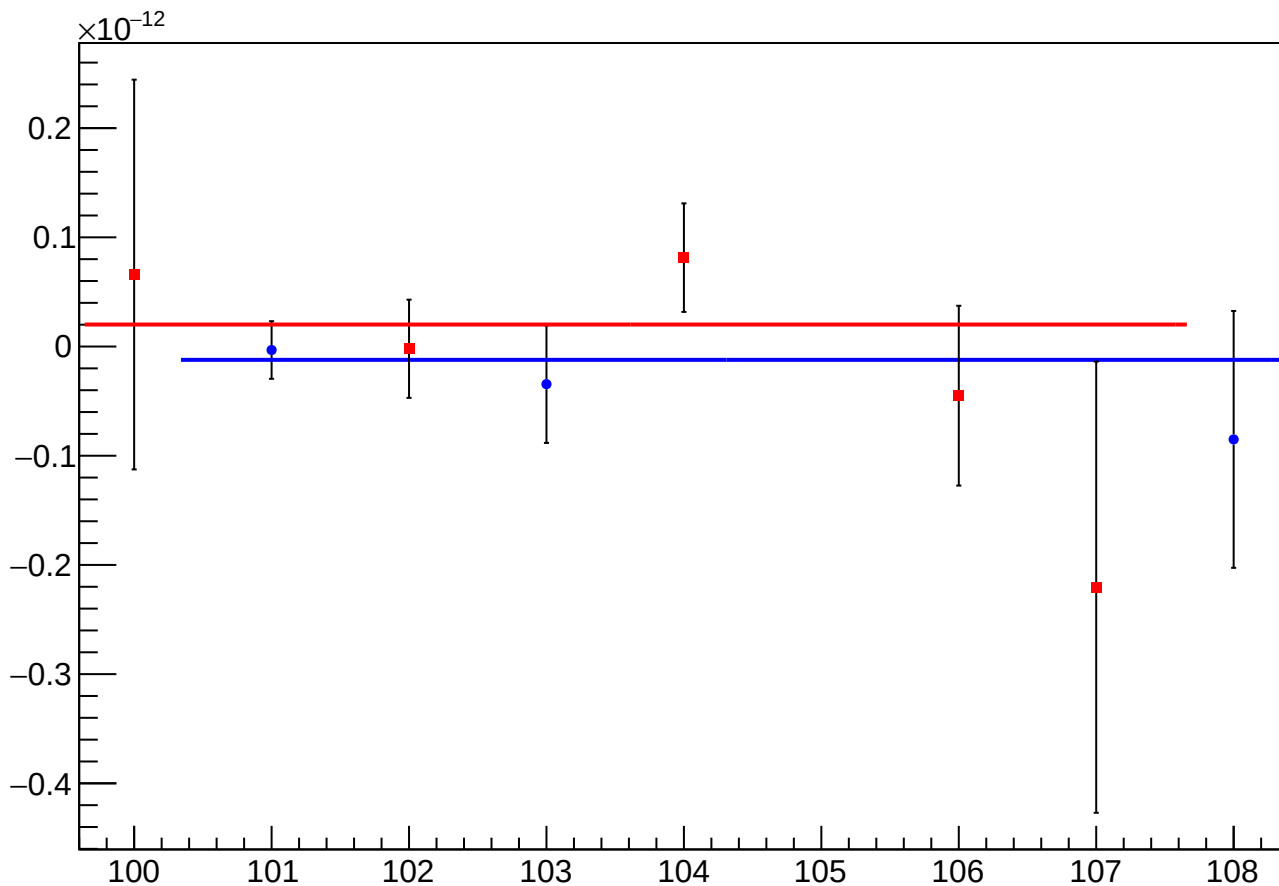
Right: 1300.549+/-0.501 χ^2/NDF : 179047.0/7

In: 1253.071+/-0.697 χ^2/NDF : 74981.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1300.549+/-0.501 χ^2/NDF : 179047.0/7

asym_us_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.000+/-0.000 χ^2/NDF : 3.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

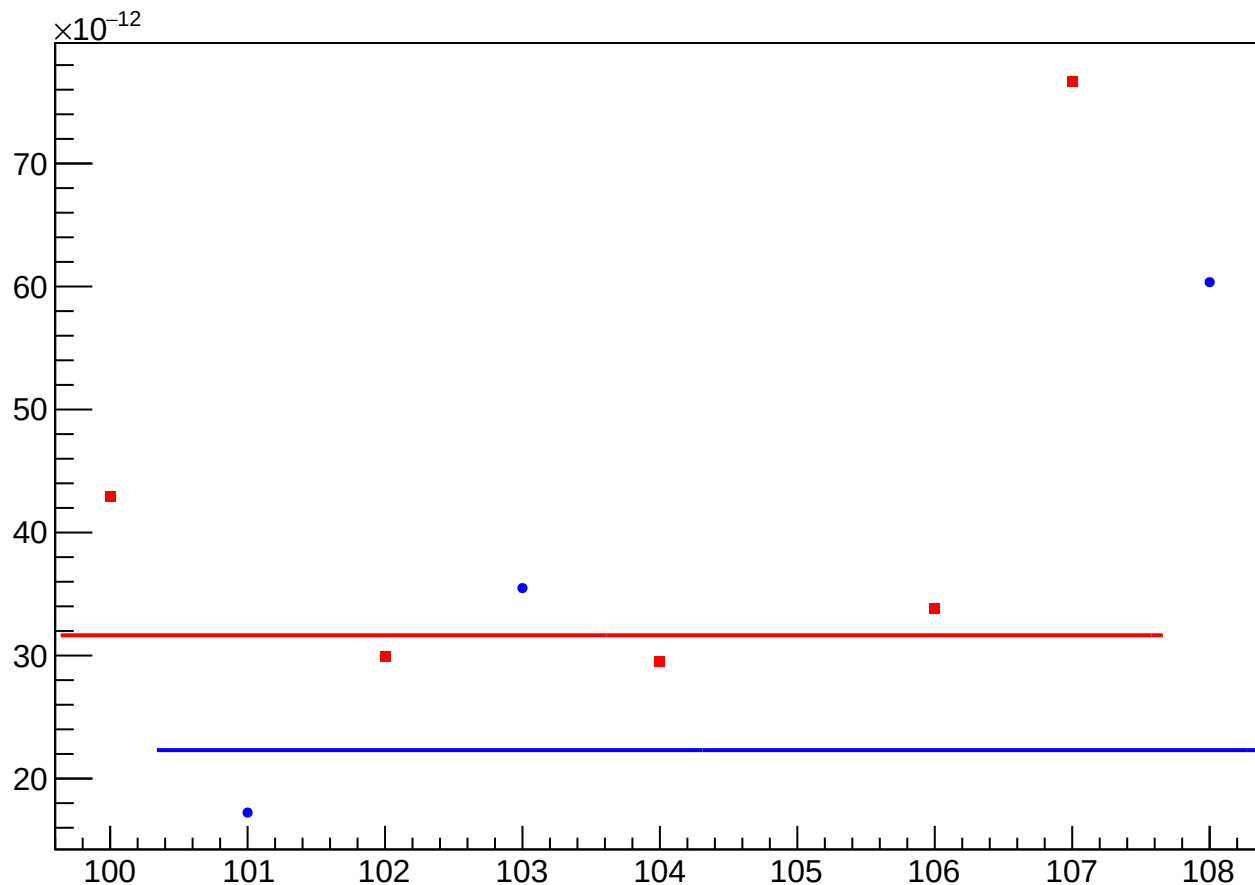
Right: -0.000+/-0.000 χ^2/NDF : 5.2/7

In: -0.000+/-0.000 χ^2/NDF : 0.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 5.2/7

asym_us_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 403027.6/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 110979.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

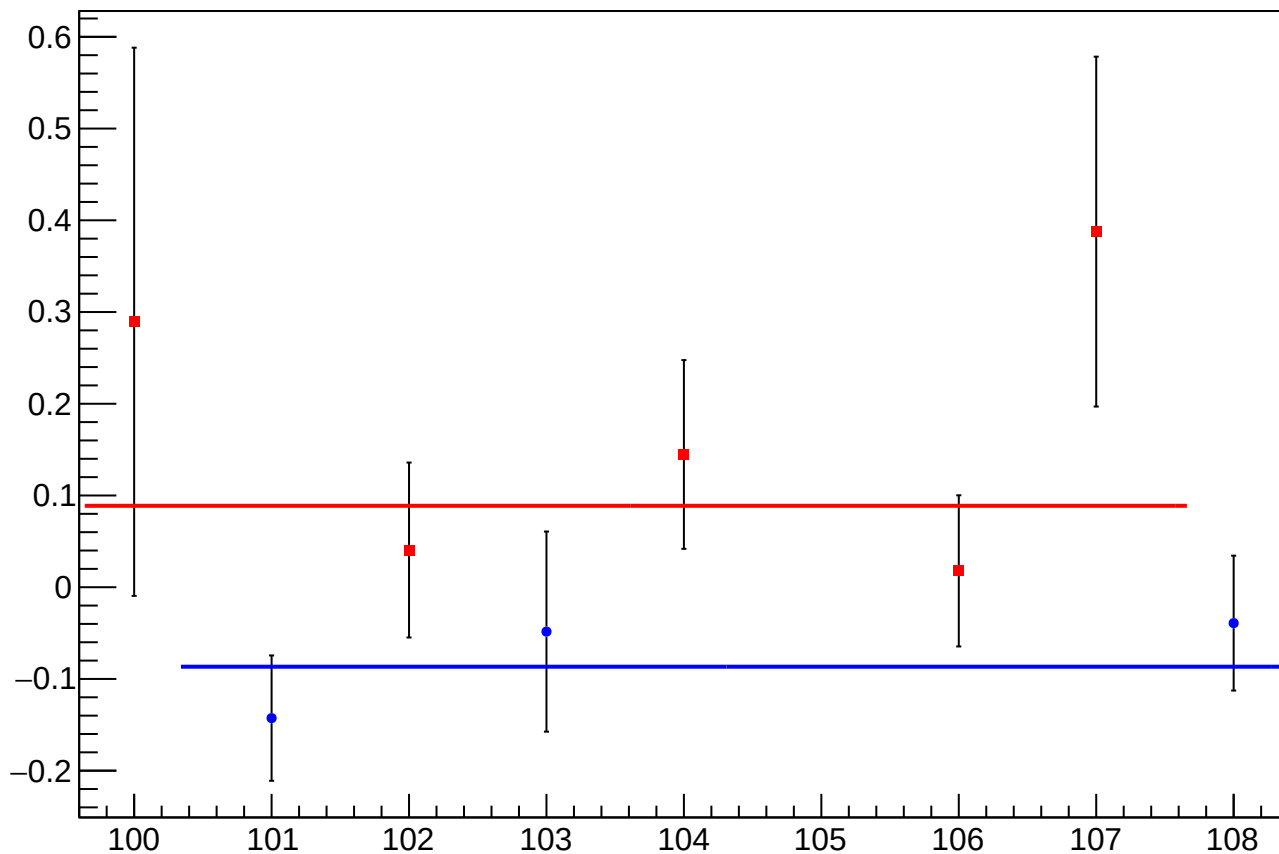
Right: 0.000+/-0.000 χ^2/NDF : 634480.0/7

In: 0.000+/-0.000 χ^2/NDF : 403027.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 634480.0/7

asym_us_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.087 $\pm$ 0.045 χ^2 /NDF: 1.2/2

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

Right Out: 0.089 $\pm$ 0.051 χ^2 /NDF: 4.2/4

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

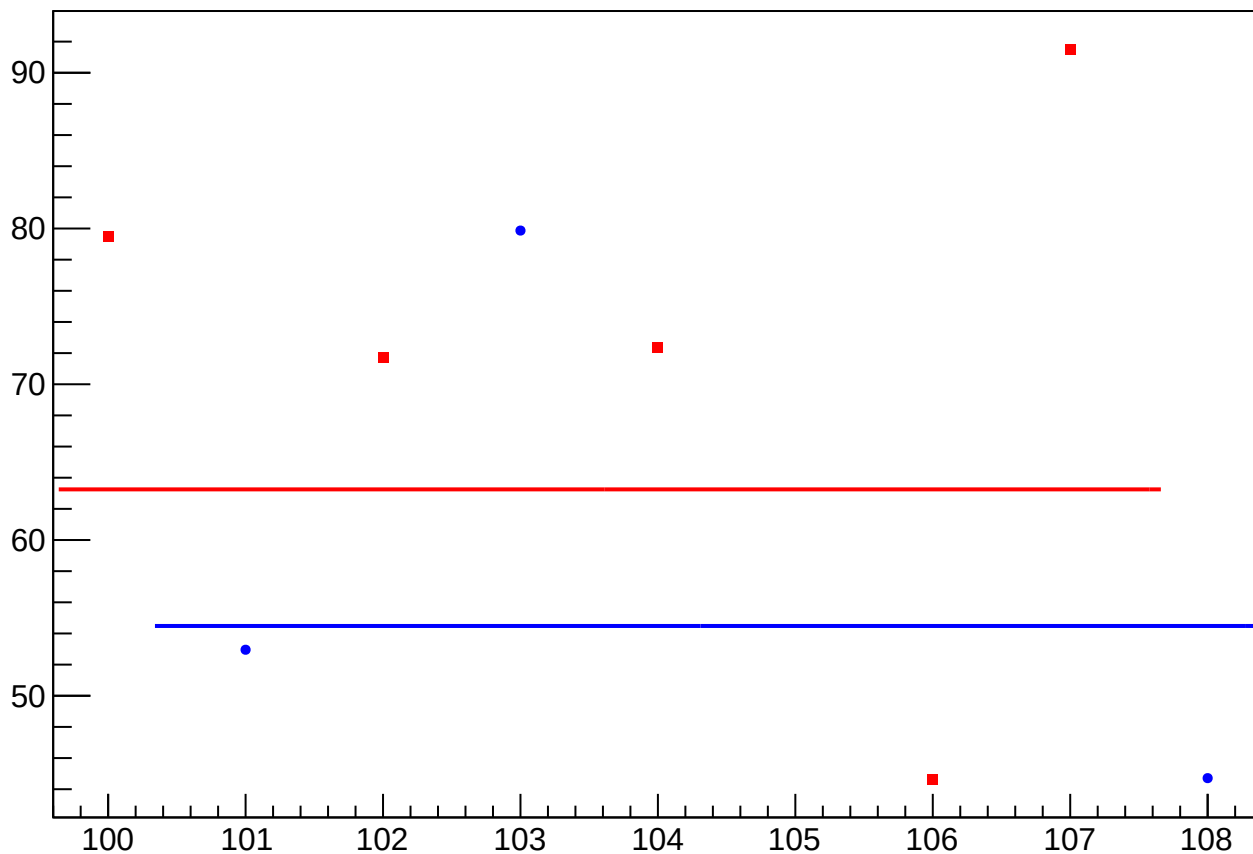
Right: -0.008 $\pm$ 0.034 χ^2 /NDF: 12.1/7

In: -0.087 $\pm$ 0.045 χ^2 /NDF:1.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.034 χ^2 /NDF: 12.1/7

asym_us_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.481+/-0.032 χ^2/NDF : 144639.6/2

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

Right Out: 63.251+/-0.036 χ^2/NDF : 183581.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

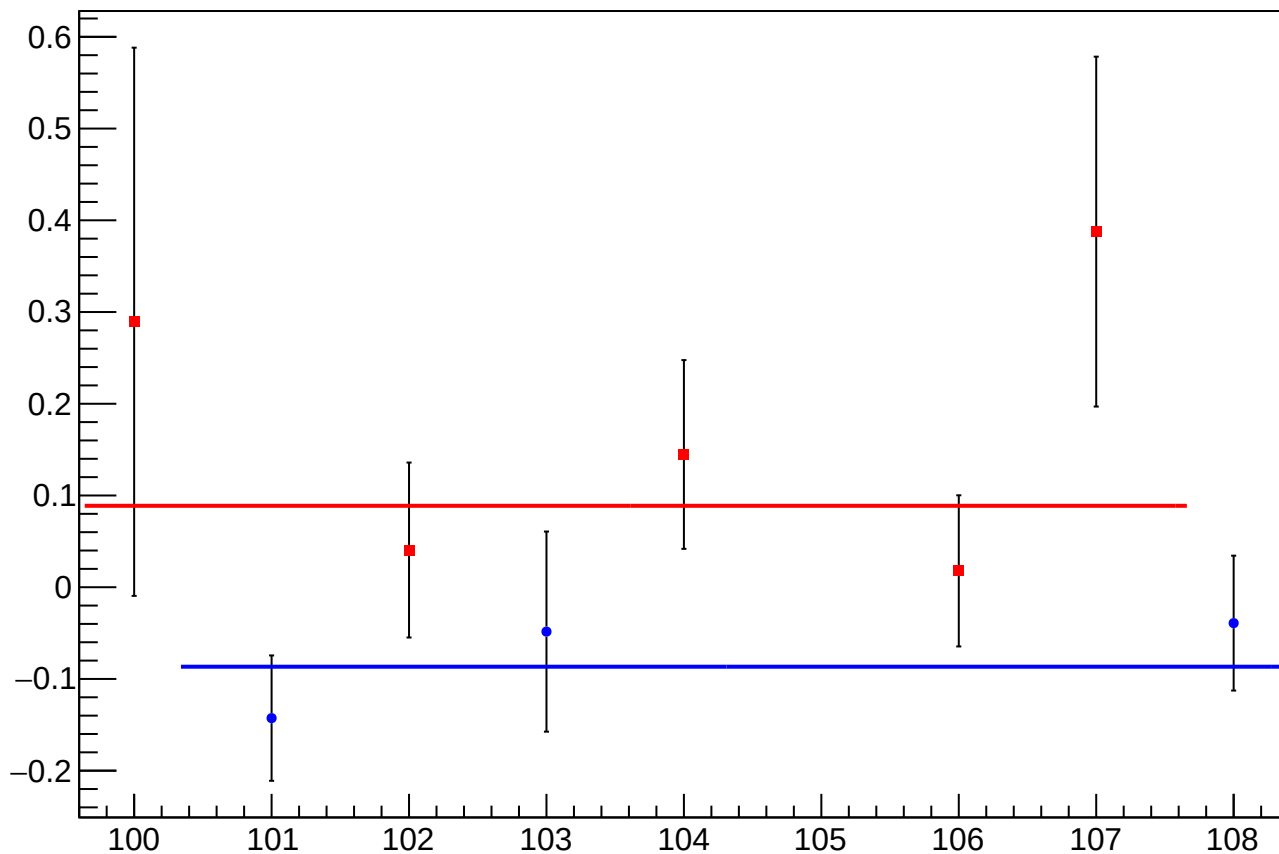
Right: 58.401+/-0.024 χ^2/NDF : 361436.2/7

In: 54.481+/-0.032 χ^2/NDF : 144639.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.401+/-0.024 χ^2/NDF : 361436.2/7

asym_us_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.087 $\pm$ 0.045 χ^2 /NDF: 1.2/2

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

Right Out: 0.089 $\pm$ 0.051 χ^2 /NDF: 4.2/4

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

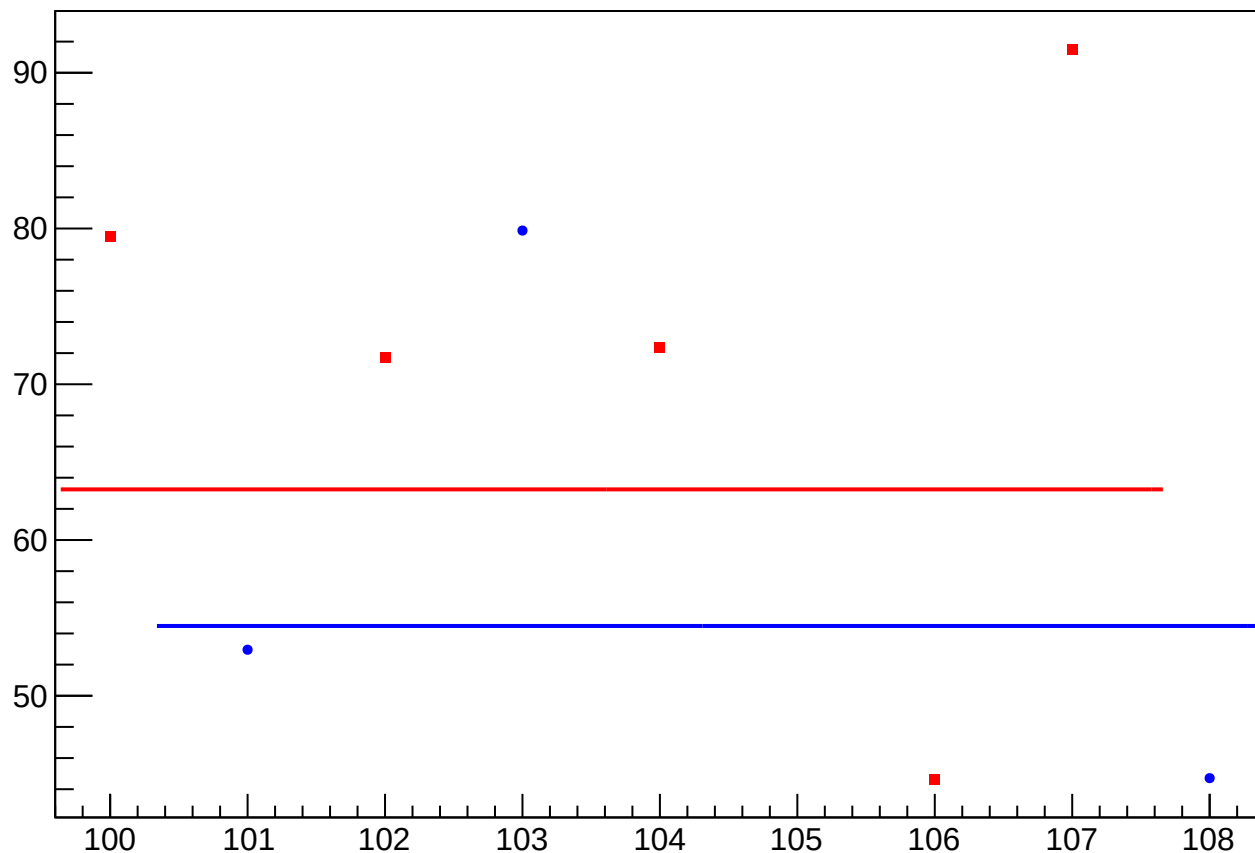
Right: -0.008 $\pm$ 0.034 χ^2 /NDF: 12.1/7

In: -0.087 $\pm$ 0.045 χ^2 /NDF:1.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.034 χ^2 /NDF: 12.1/7

asym_us_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.481+/-0.032 χ^2/NDF : 144639.6/2

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

Right Out: 63.251+/-0.036 χ^2/NDF : 183581.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

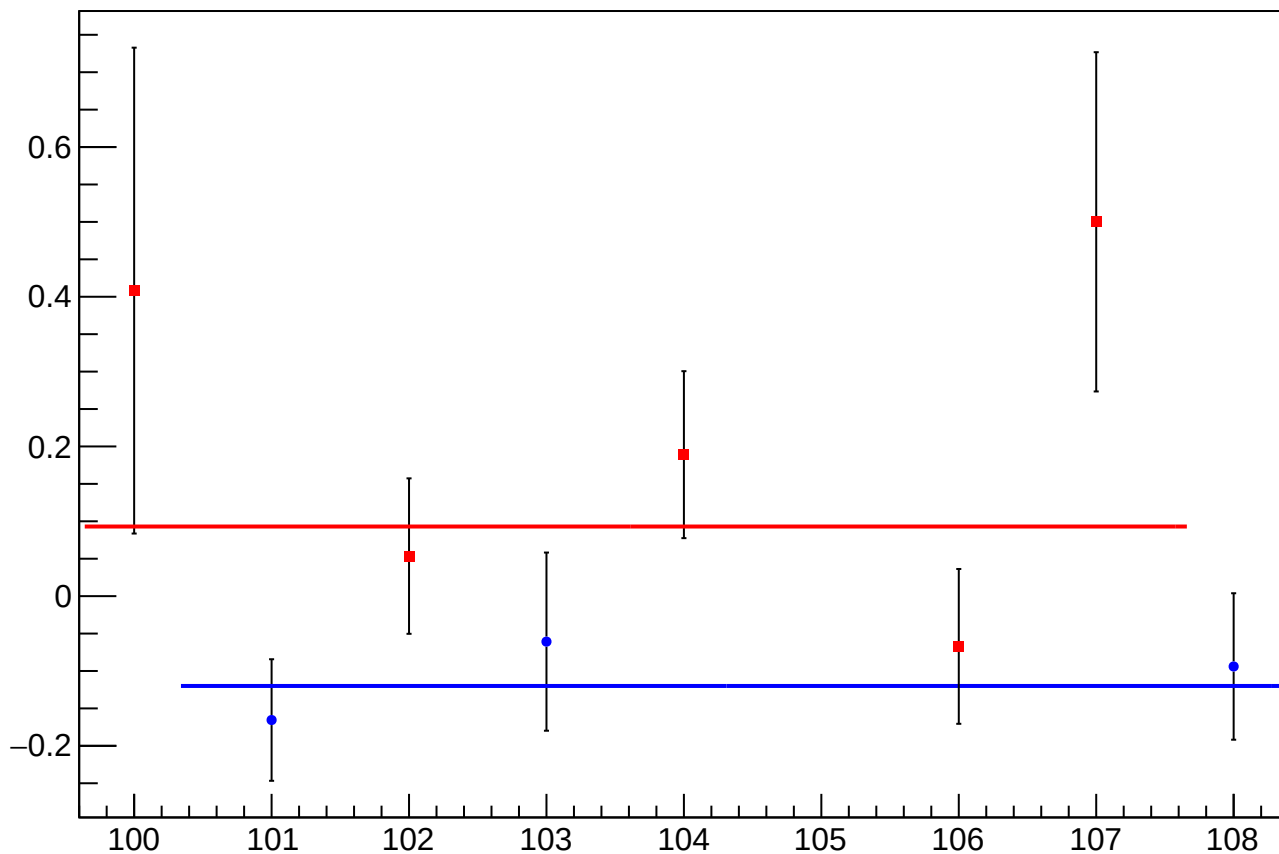
Right: 58.401+/-0.024 χ^2/NDF : 361436.2/7

In: 54.481+/-0.032 χ^2/NDF : 144639.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.401+/-0.024 χ^2/NDF : 361436.2/7

asym_us_avg_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.120+/-0.055 χ^2/NDF : 0.6/2

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

Right Out: 0.093+/-0.058 χ^2/NDF : 7.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

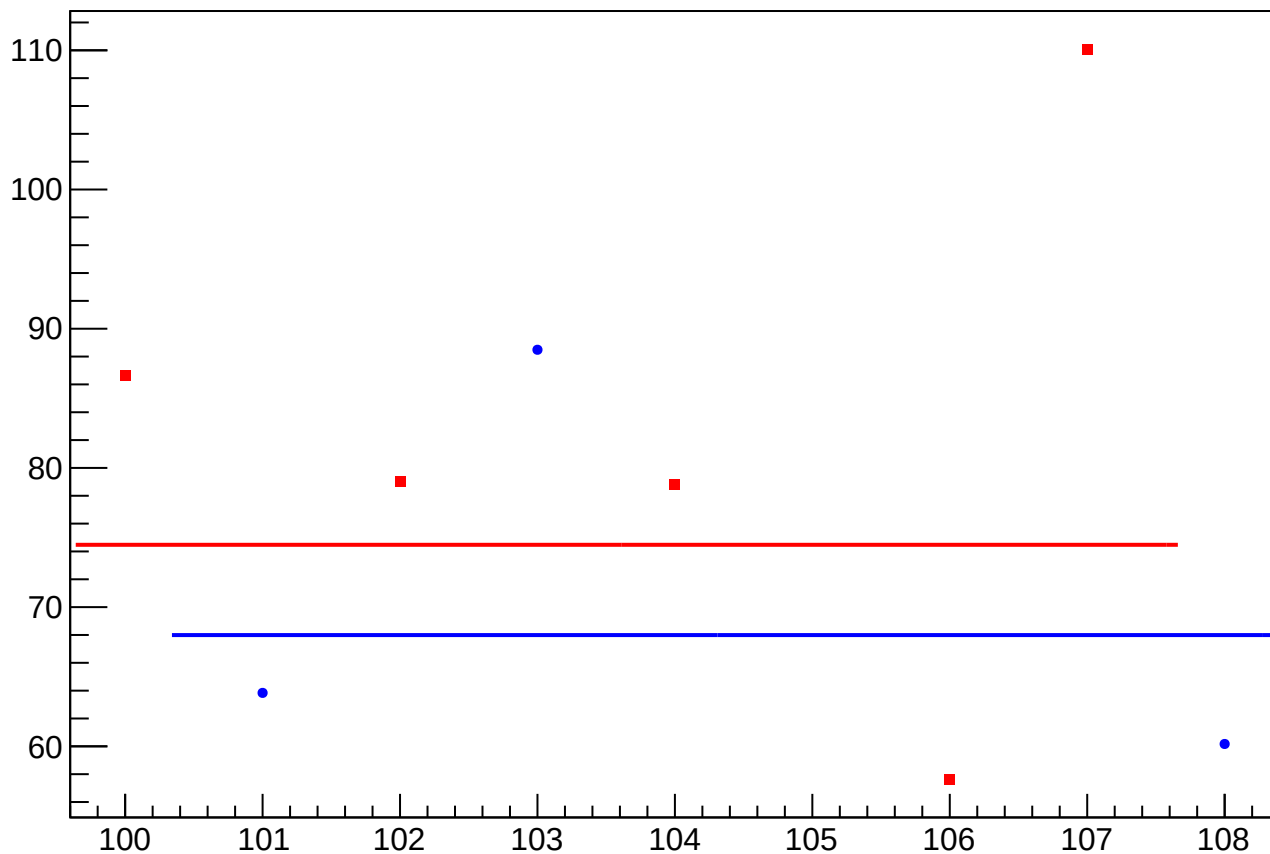
Right: -0.019+/-0.040 χ^2/NDF : 15.1/7

In: -0.120+/-0.055 χ^2/NDF : 0.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.019+/-0.040 χ^2/NDF : 15.1/7

asym_us_avg_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 67.992+/-0.039 χ^2/NDF : 77325.5/2

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

Right Out: 74.477+/-0.041 χ^2/NDF : 112147.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

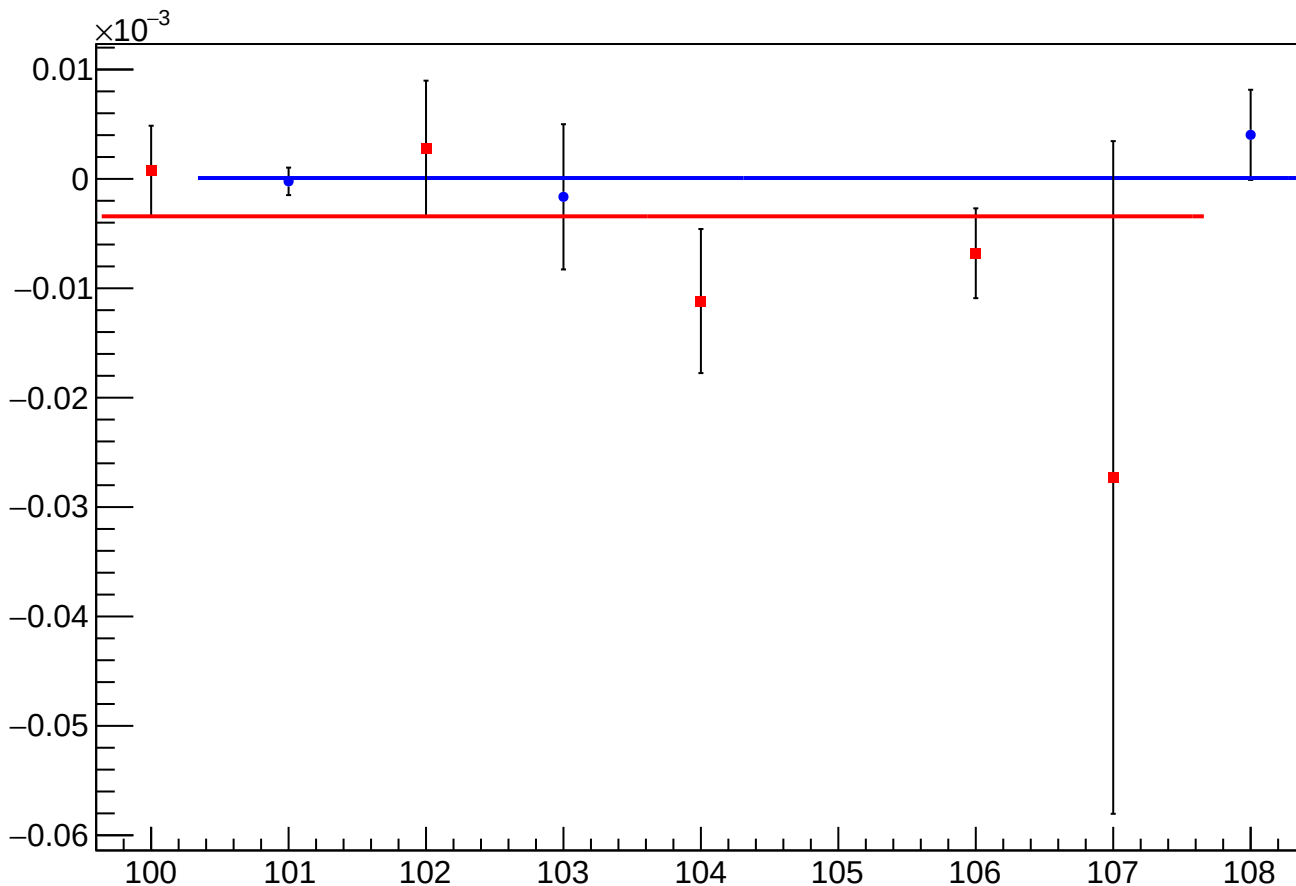
Right: 71.073+/-0.028 χ^2/NDF : 202524.8/7

In: 67.992+/-0.039 χ^2/NDF : 77325.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.073+/-0.028 χ^2/NDF : 202524.8/7

asym_us_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.0/2

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.7/4

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

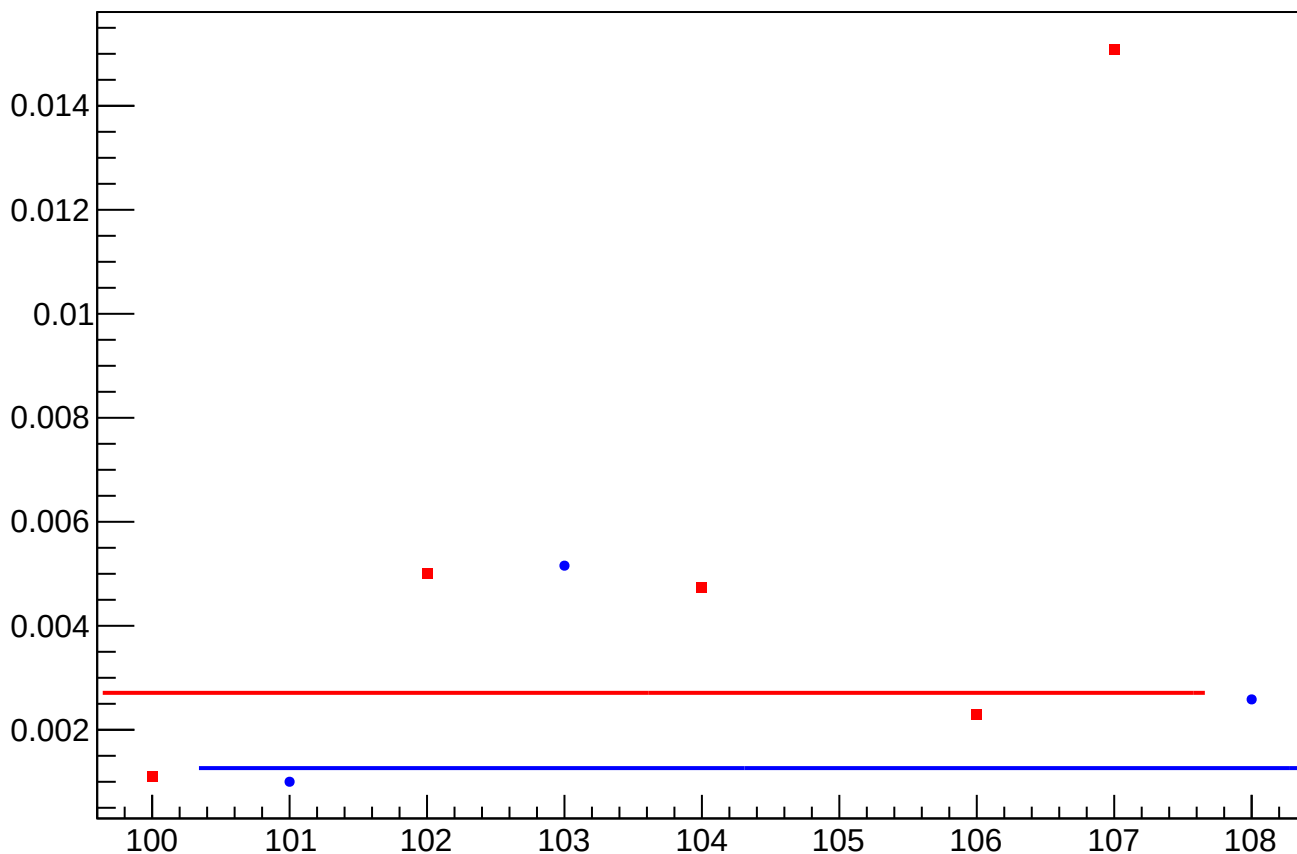
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 7.4/7

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.0/2

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 7.4/7

asym_us_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 980913.5/2

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

Right Out: 0.003+/-0.000 χ^2/NDF : 1105467.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

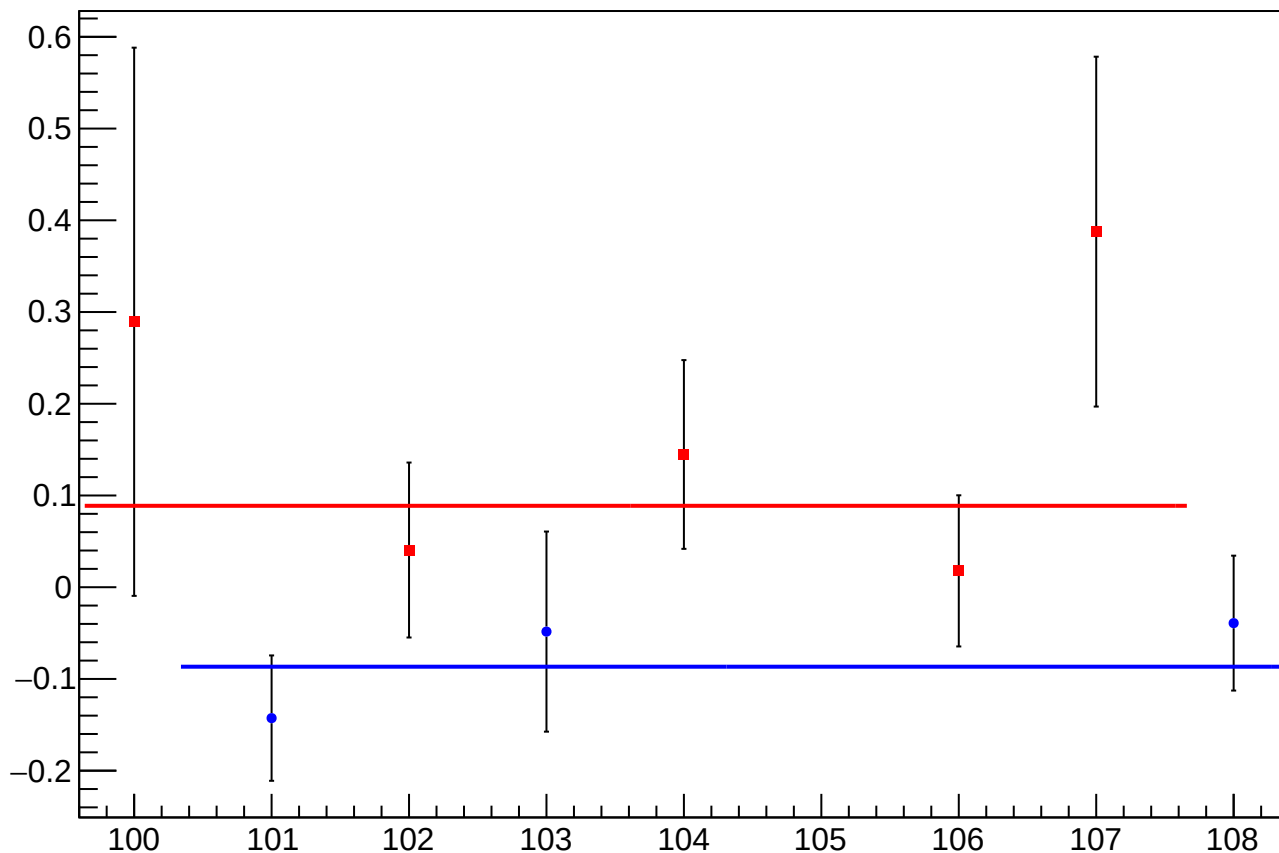
Right: 0.002+/-0.000 χ^2/NDF : 2656455.2/7

In: 0.001+/-0.000 χ^2/NDF : 980913.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2656455.2/7

asym_us_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.087 $\pm$ 0.045 χ^2 /NDF: 1.2/2

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

Right Out: 0.089 $\pm$ 0.051 χ^2 /NDF: 4.2/4

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

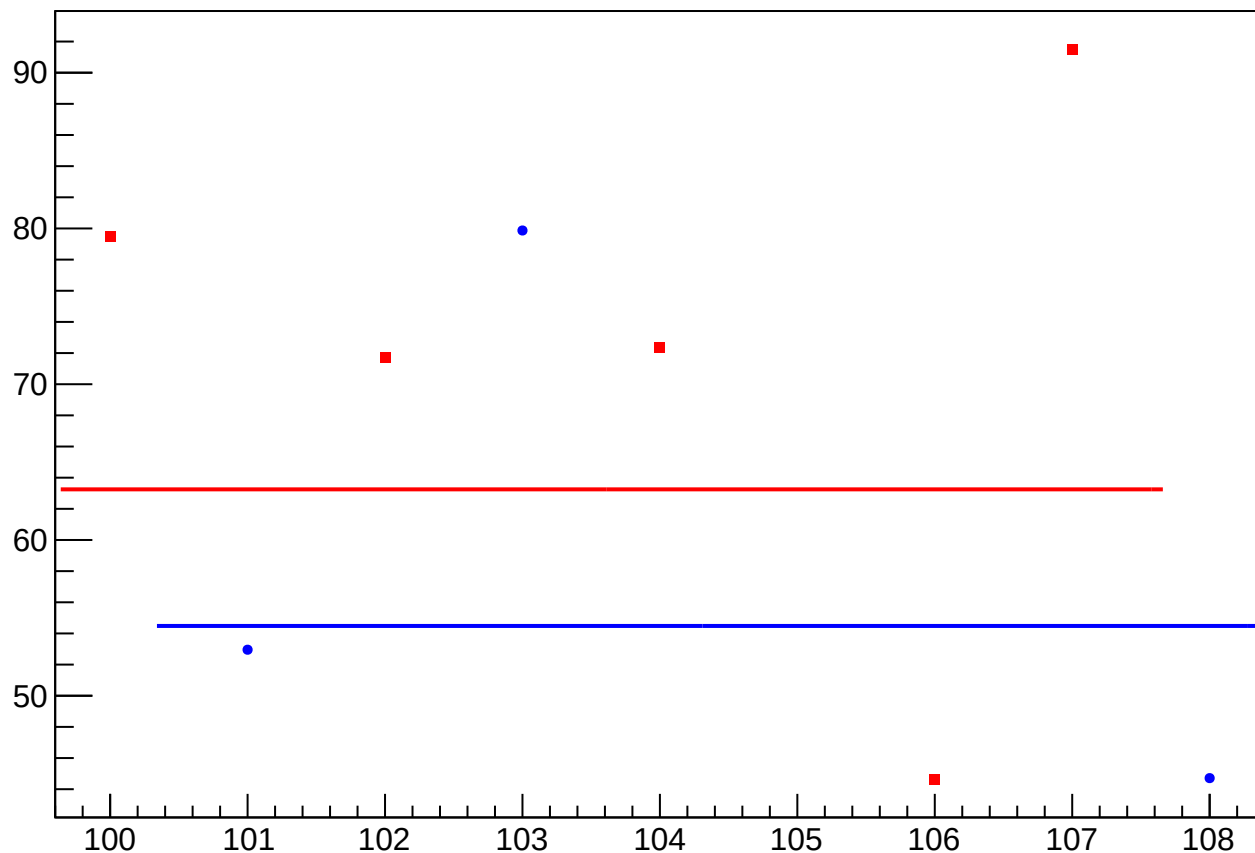
Right: -0.008 $\pm$ 0.034 χ^2 /NDF: 12.1/7

In: -0.087 $\pm$ 0.045 χ^2 /NDF:1.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.034 χ^2 /NDF: 12.1/7

asym_us_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.481+/-0.032 χ^2/NDF : 144646.6/2

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

Right Out: 63.250+/-0.036 χ^2/NDF : 183585.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

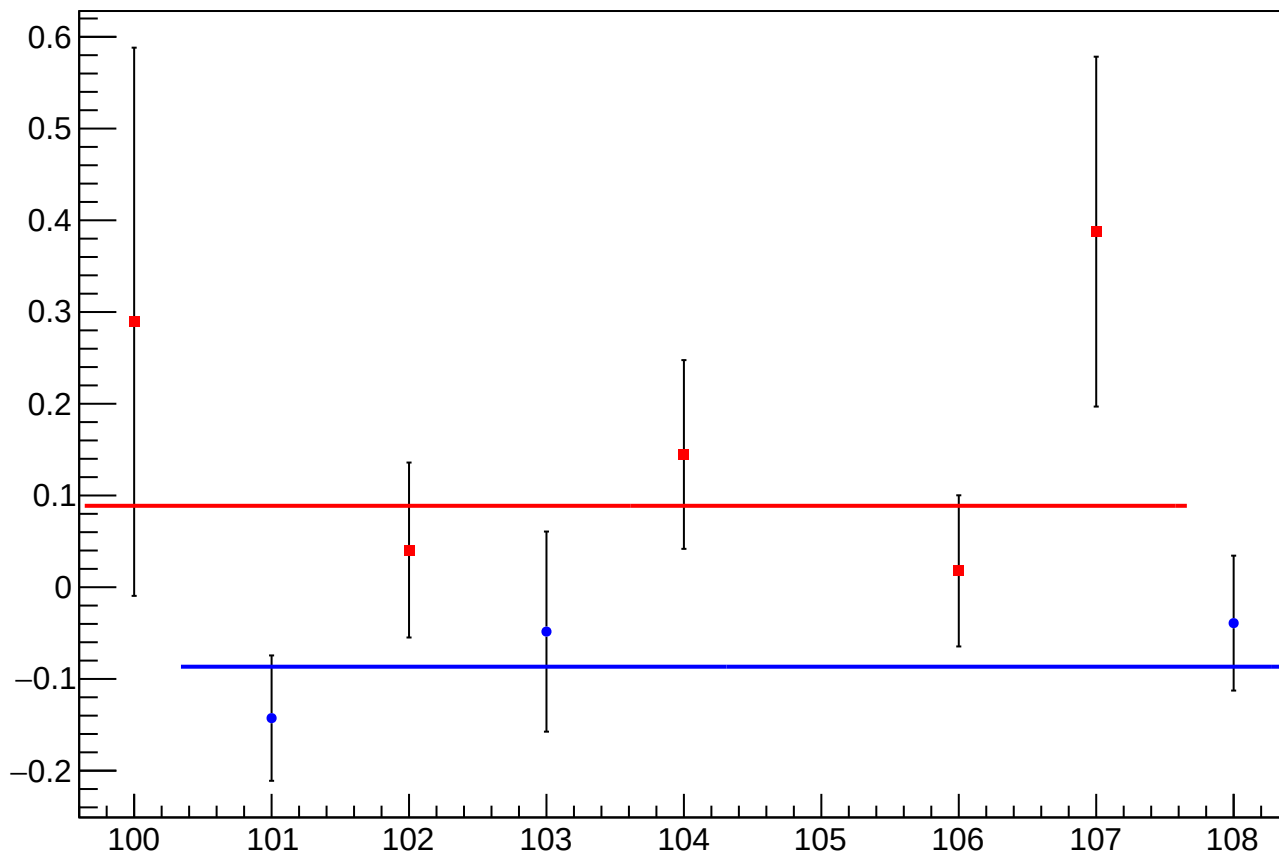
Right: 58.400+/-0.024 χ^2/NDF : 361442.9/7

In: 54.481+/-0.032 χ^2/NDF : 144646.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.400+/-0.024 χ^2/NDF : 361442.9/7

asym_us_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.087 $\pm$ 0.045 χ^2 /NDF: 1.2/2

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

Right Out: 0.089 $\pm$ 0.051 χ^2 /NDF: 4.2/4

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

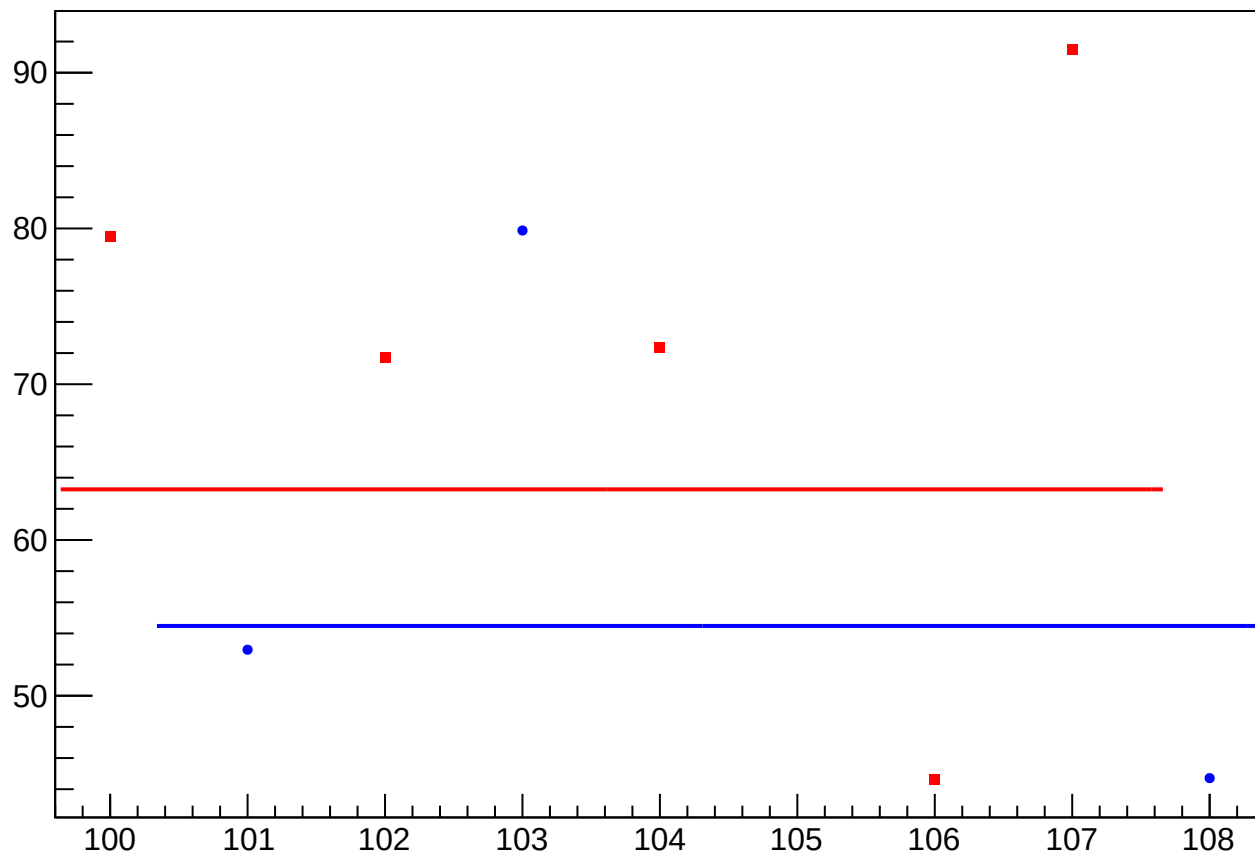
Right: -0.008 $\pm$ 0.034 χ^2 /NDF: 12.1/7

In: -0.087 $\pm$ 0.045 χ^2 /NDF:1.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.034 χ^2 /NDF: 12.1/7

asym_us_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.481+/-0.032 χ^2/NDF : 144646.6/2

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

Right Out: 63.250+/-0.036 χ^2/NDF : 183585.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

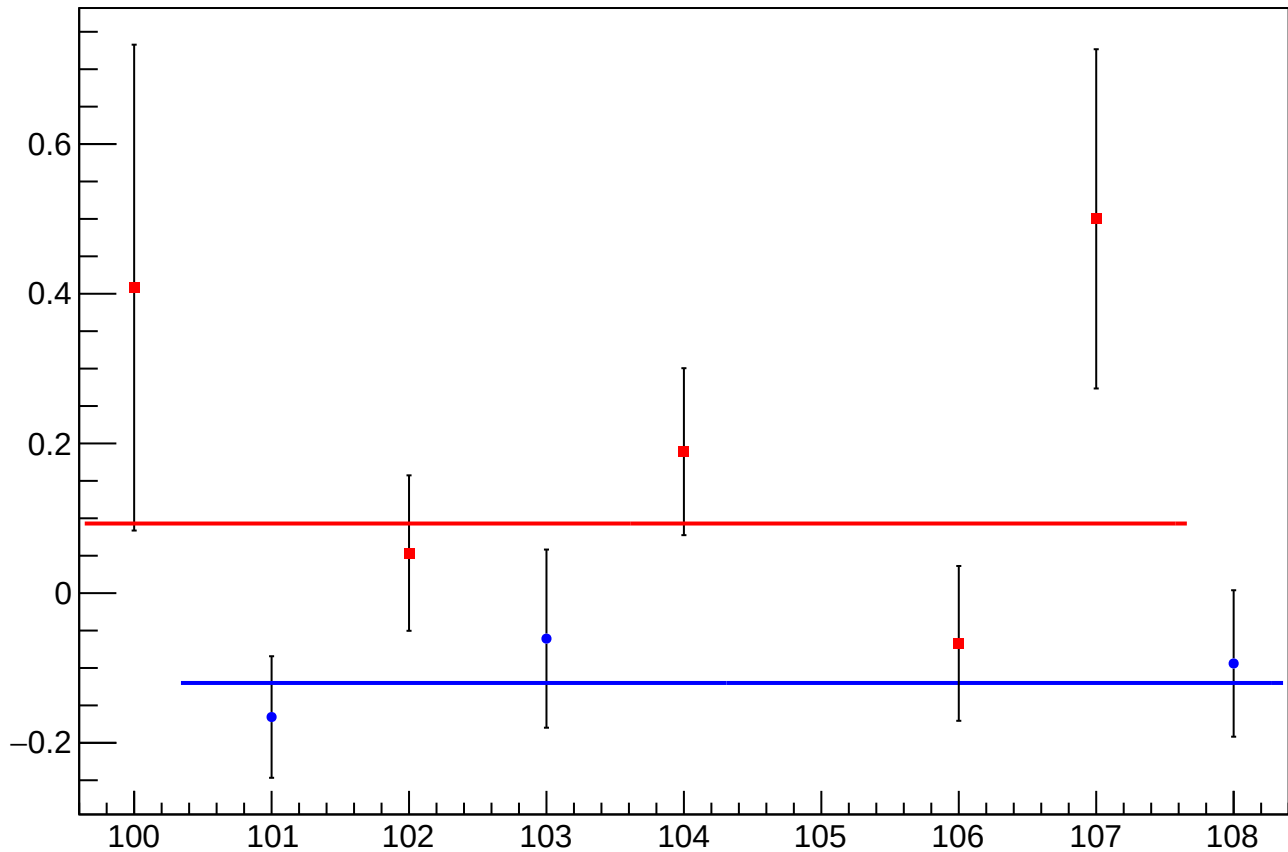
Right: 58.400+/-0.024 χ^2/NDF : 361442.9/7

In: 54.481+/-0.032 χ^2/NDF : 144646.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.400+/-0.024 χ^2/NDF : 361442.9/7

asym_us_avg_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.120+/-0.055 χ^2/NDF : 0.6/2

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

Right Out: 0.093+/-0.058 χ^2/NDF : 7.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

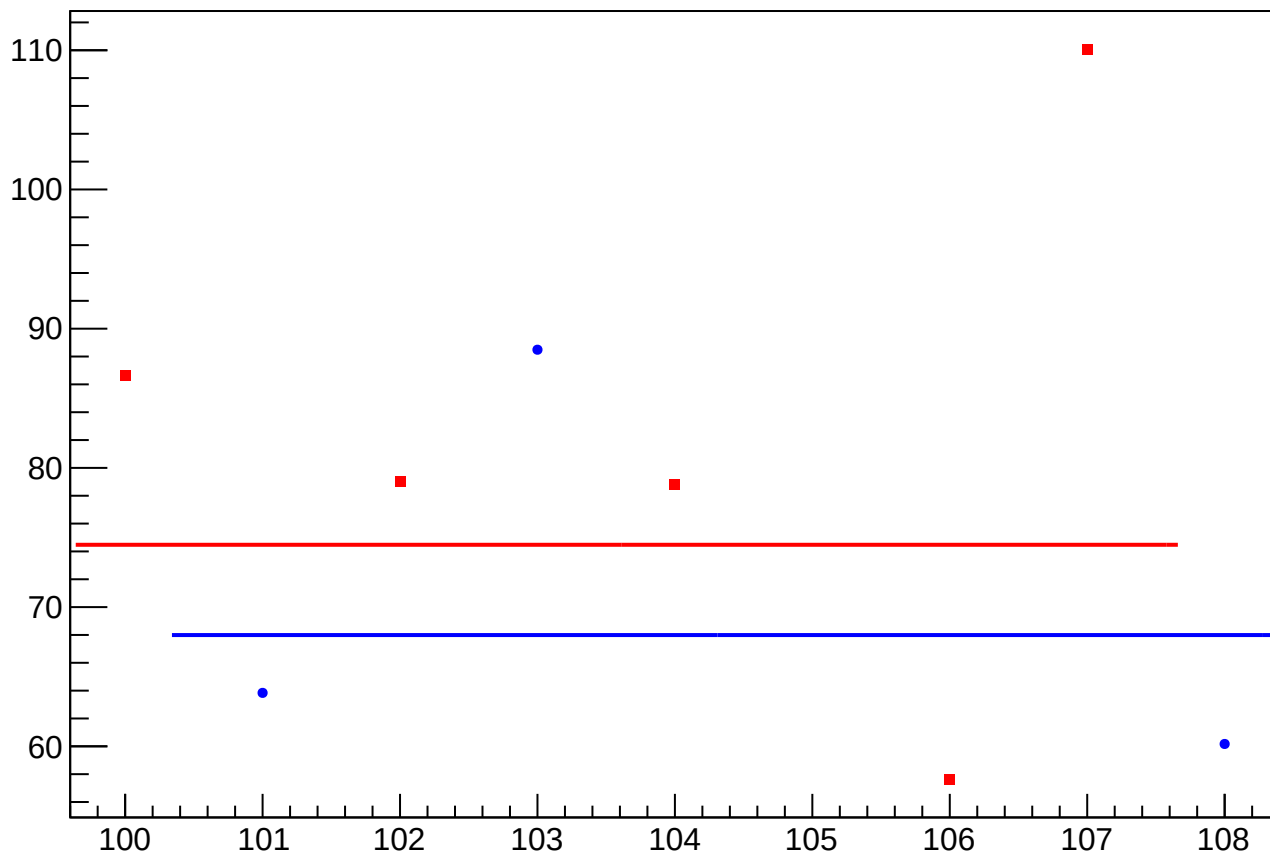
Right: -0.019+/-0.040 χ^2/NDF : 15.1/7

In: -0.120+/-0.055 χ^2/NDF : 0.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.019+/-0.040 χ^2/NDF : 15.1/7

asym_us_avg_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 67.992+/-0.039 χ^2/NDF : 77329.2/2

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

Right Out: 74.477+/-0.041 χ^2/NDF : 112145.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

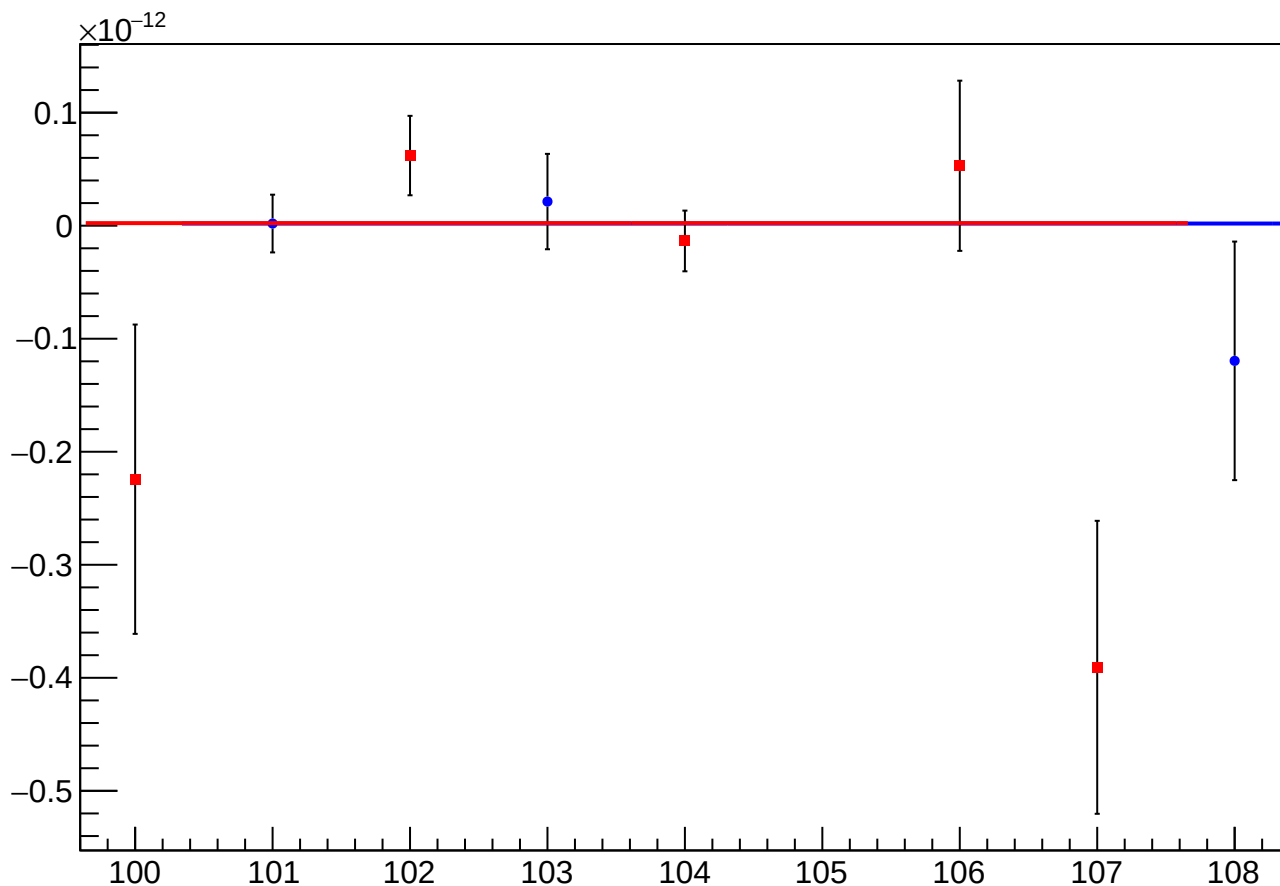
Right: 71.072+/-0.028 χ^2/NDF : 202525.2/7

In: 67.992+/-0.039 χ^2/NDF : 77329.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.072+/-0.028 χ^2/NDF : 202525.2/7

asym_us_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.000+/-0.000 χ^2/NDF : 15.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

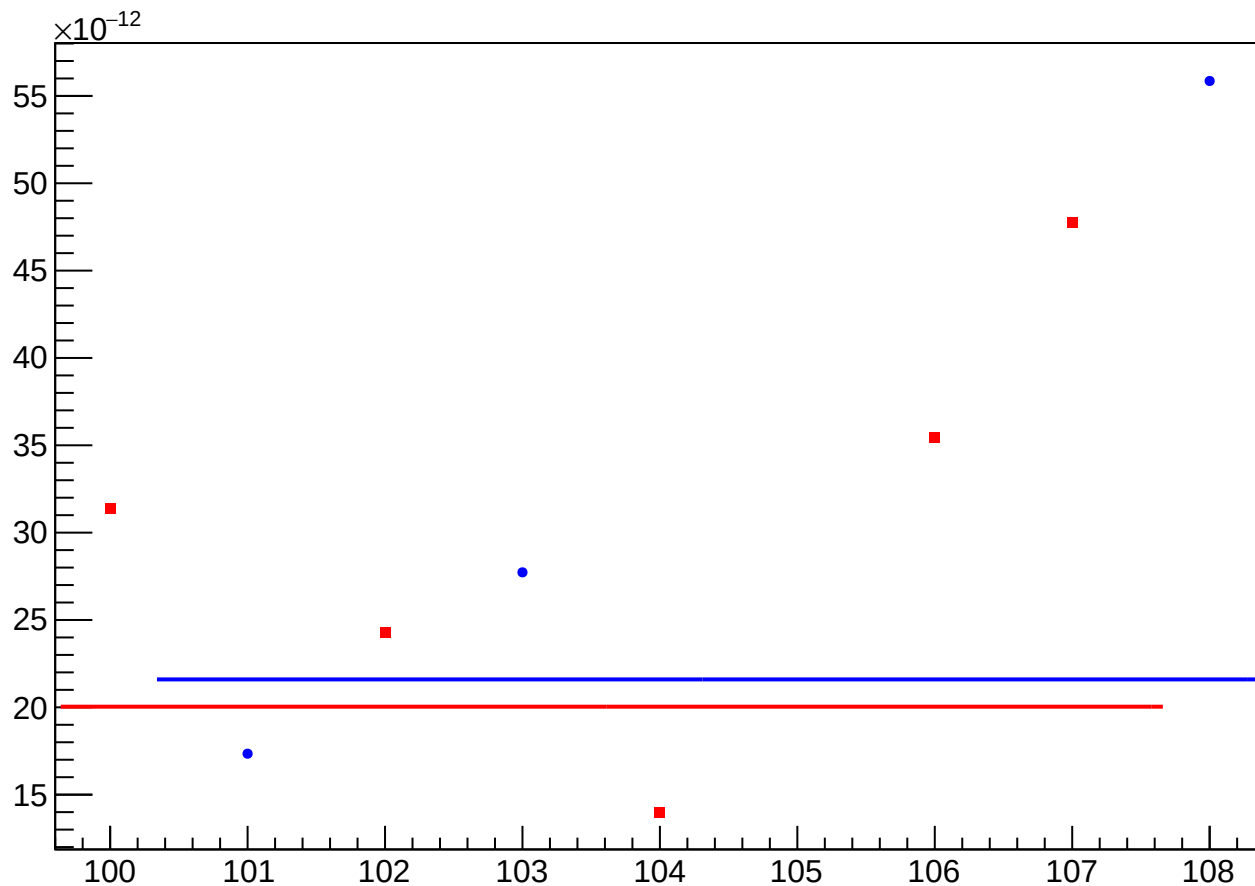
Right: 0.000+/-0.000 χ^2/NDF : 17.2/7

In: 0.000+/-0.000 χ^2/NDF : 1.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.2/7

asym_us_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 308375.7/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 319428.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

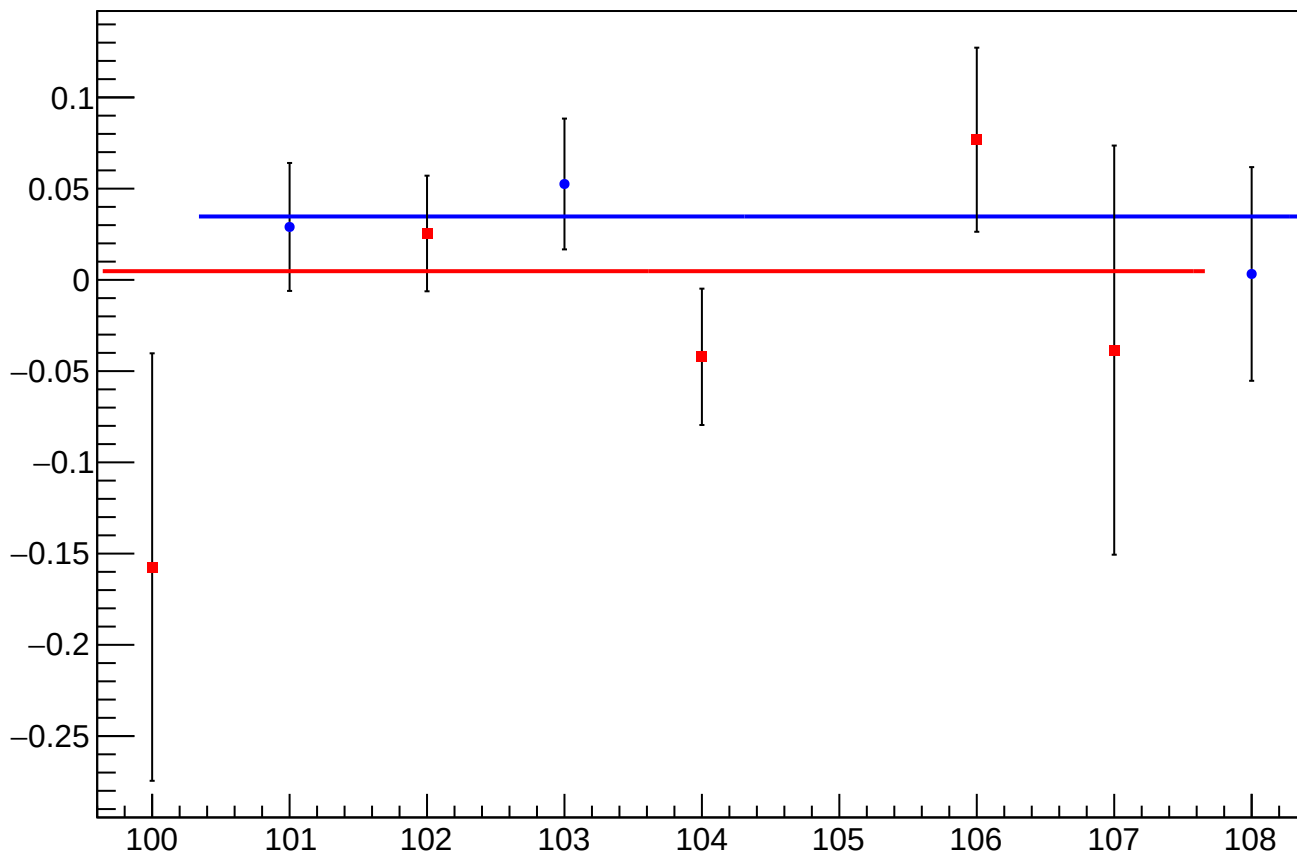
Right: 0.000+/-0.000 χ^2/NDF : 633471.7/7

In: 0.000+/-0.000 χ^2/NDF : 308375.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 633471.7/7

asym_us_avg_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035+/-0.023 χ^2/NDF : 0.6/2

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

Right Out: 0.005+/-0.021 χ^2/NDF : 6.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

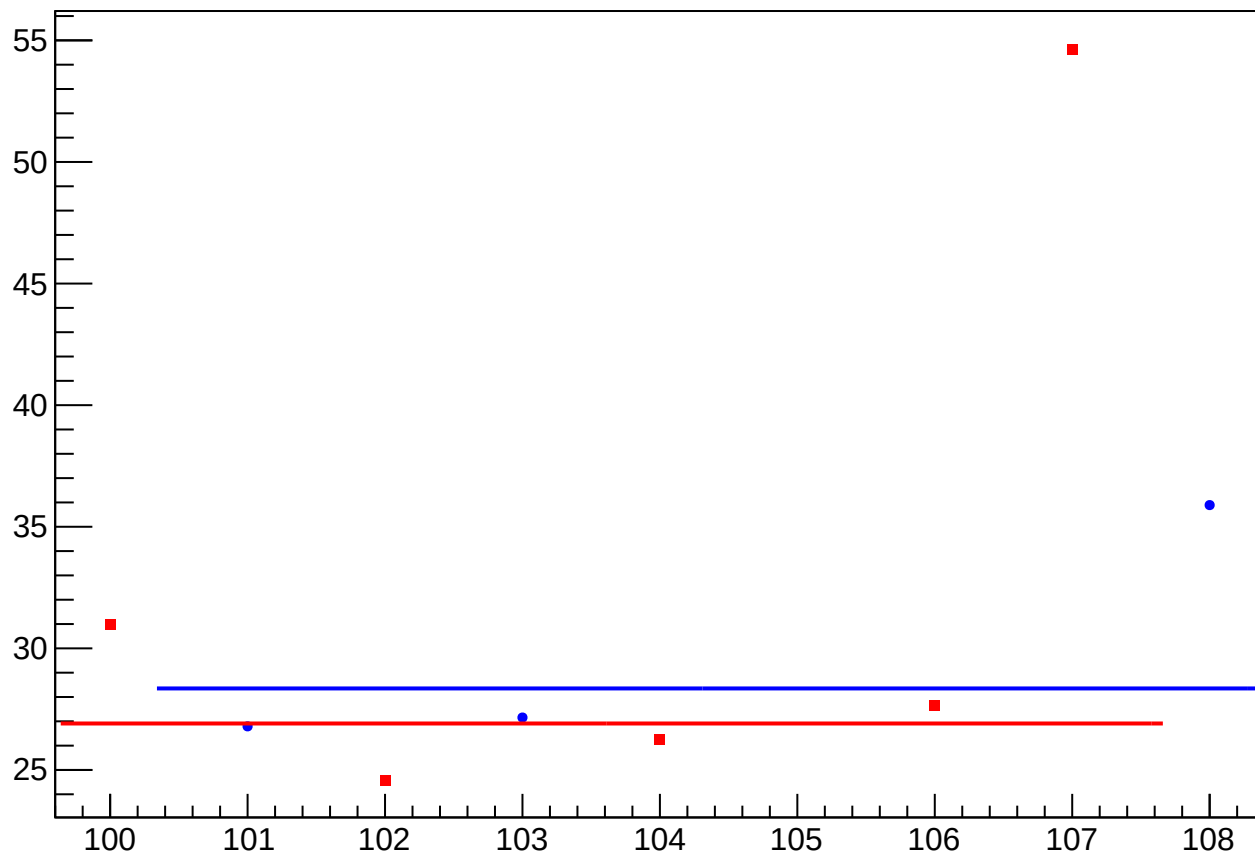
Right: 0.018+/-0.016 χ^2/NDF : 7.6/7

In: 0.035+/-0.023 χ^2/NDF : 0.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.016 χ^2/NDF : 7.6/7

asym_us_avg_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.352 $\pm$ 0.016 χ^2 /NDF: 39341.9/2

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

Right Out: 26.911 $\pm$ 0.015 χ^2 /NDF: 136494.8/4

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

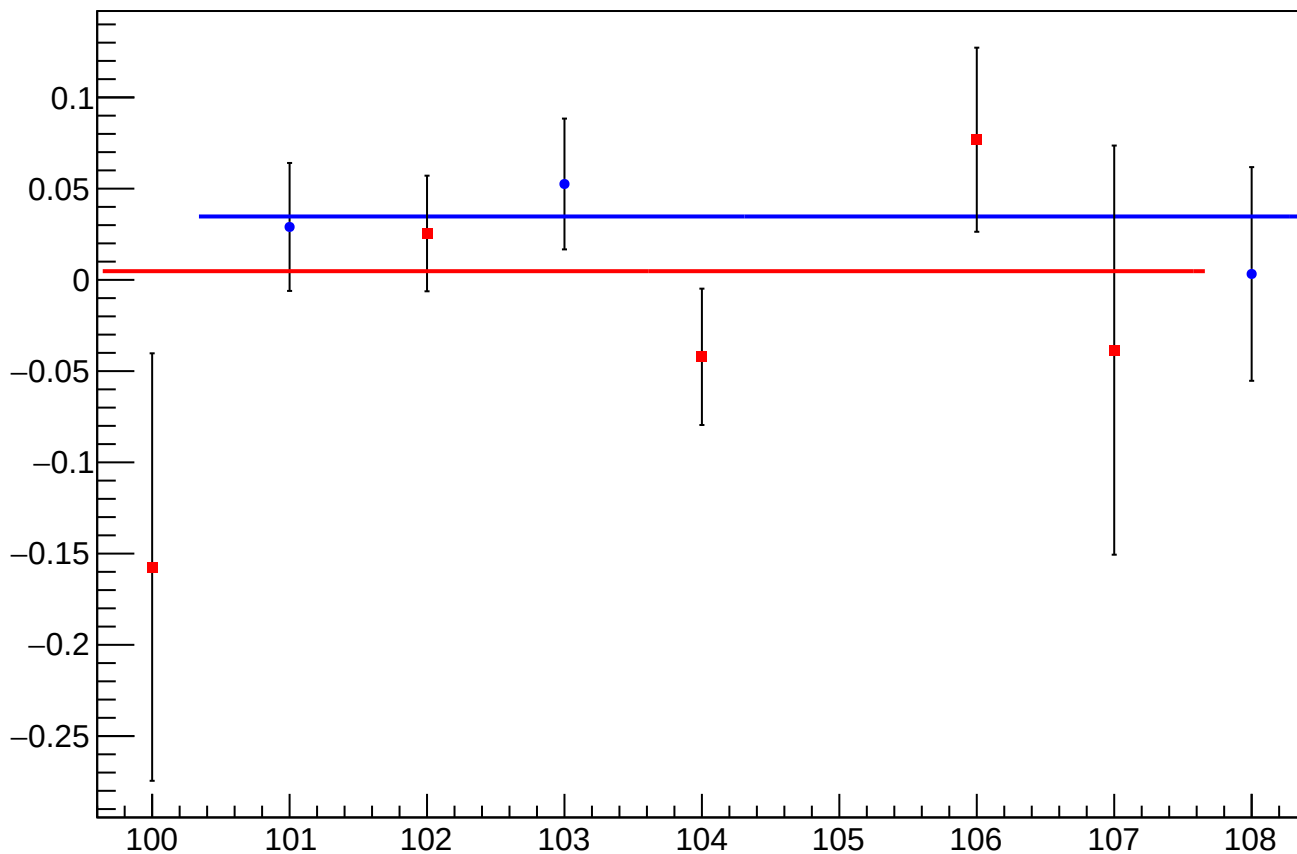
Right: 27.566 $\pm$ 0.011 χ^2 /NDF: 180101.6/7

In: 28.352 $\pm$ 0.016 χ^2 /NDF:39341.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 27.566 $\pm$ 0.011 χ^2 /NDF: 180101.6/7

asym_us_avg_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035+/-0.023 χ^2/NDF : 0.6/2

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

Right Out: 0.005+/-0.021 χ^2/NDF : 6.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

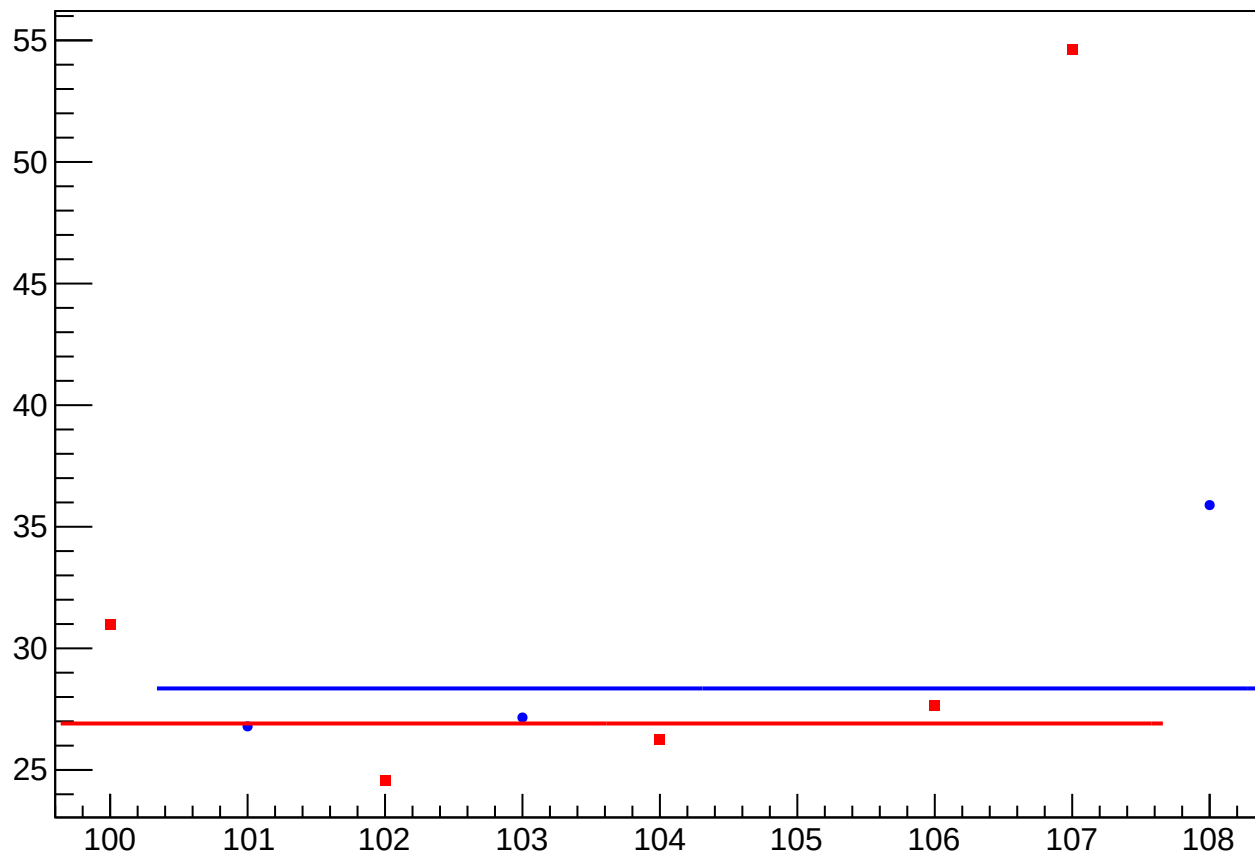
Right: 0.018+/-0.016 χ^2/NDF : 7.6/7

In: 0.035+/-0.023 χ^2/NDF : 0.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.016 χ^2/NDF : 7.6/7

asym_us_avg_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.352+/-0.016 χ^2/NDF : 39341.9/2

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

Right Out: 26.911+/-0.015 χ^2/NDF : 136494.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

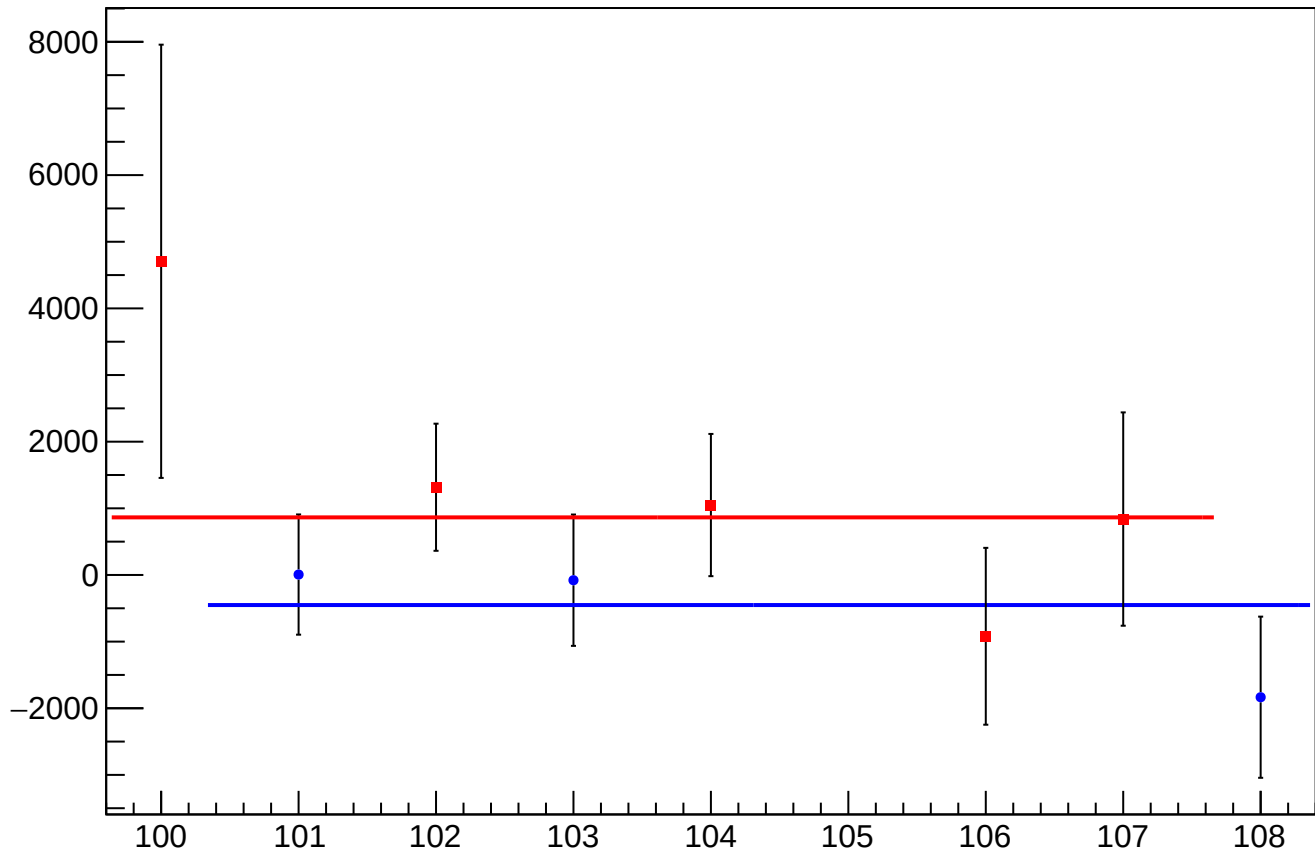
Right: 27.566+/-0.011 χ^2/NDF : 180101.6/7

In: 28.352+/-0.016 χ^2/NDF : 39341.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.566+/-0.011 χ^2/NDF : 180101.6/7

reg_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -451.380+/-582.943 χ^2/NDF : 1.7/2

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

Right Out: 864.145+/-574.430 χ^2/NDF : 3.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

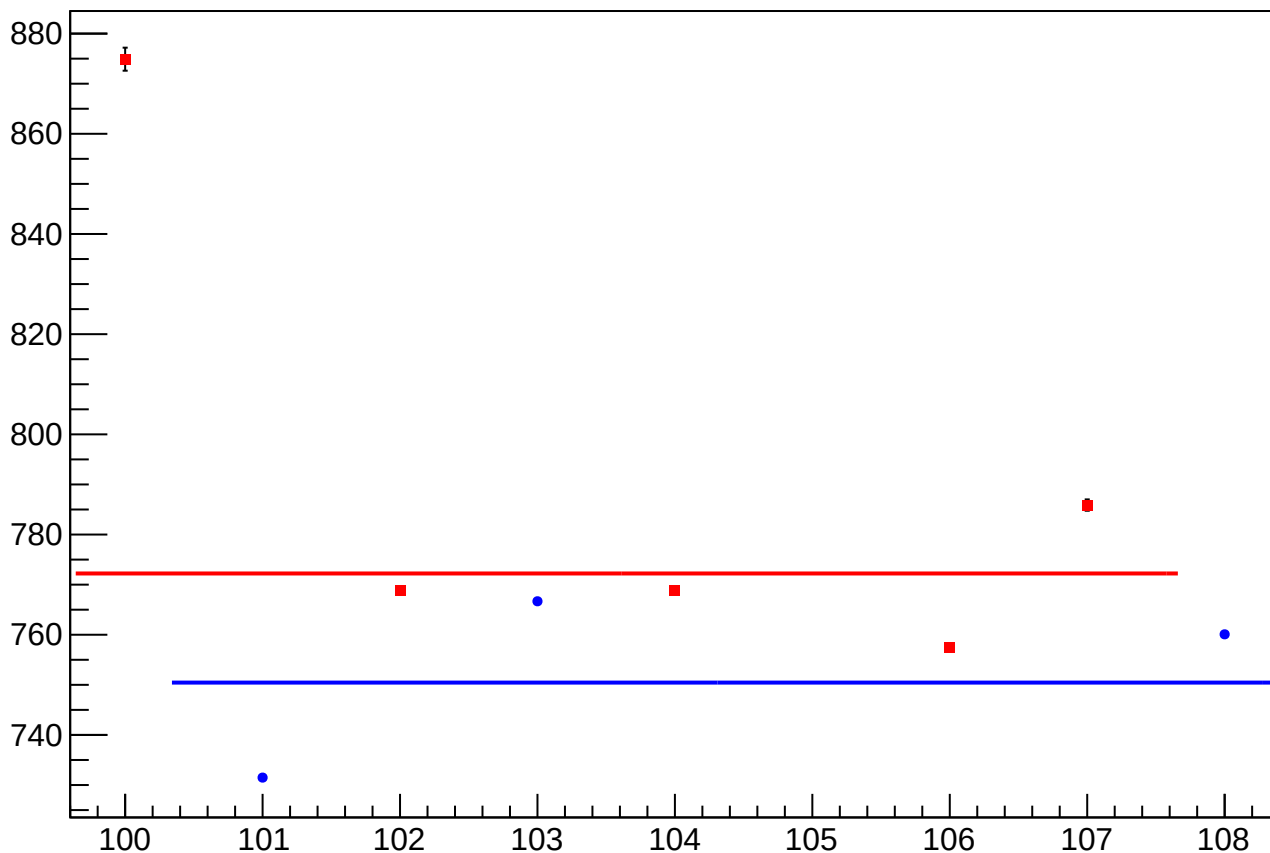
Right: 216.058+/-409.160 χ^2/NDF : 7.8/7

In: -451.380+/-582.943 χ^2/NDF : 1.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 216.058+/-409.160 χ^2/NDF : 7.8/7

reg_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 750.449+/-0.412 χ^2/NDF : 1553.9/2

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

Right Out: 772.230+/-0.406 χ^2/NDF : 2432.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

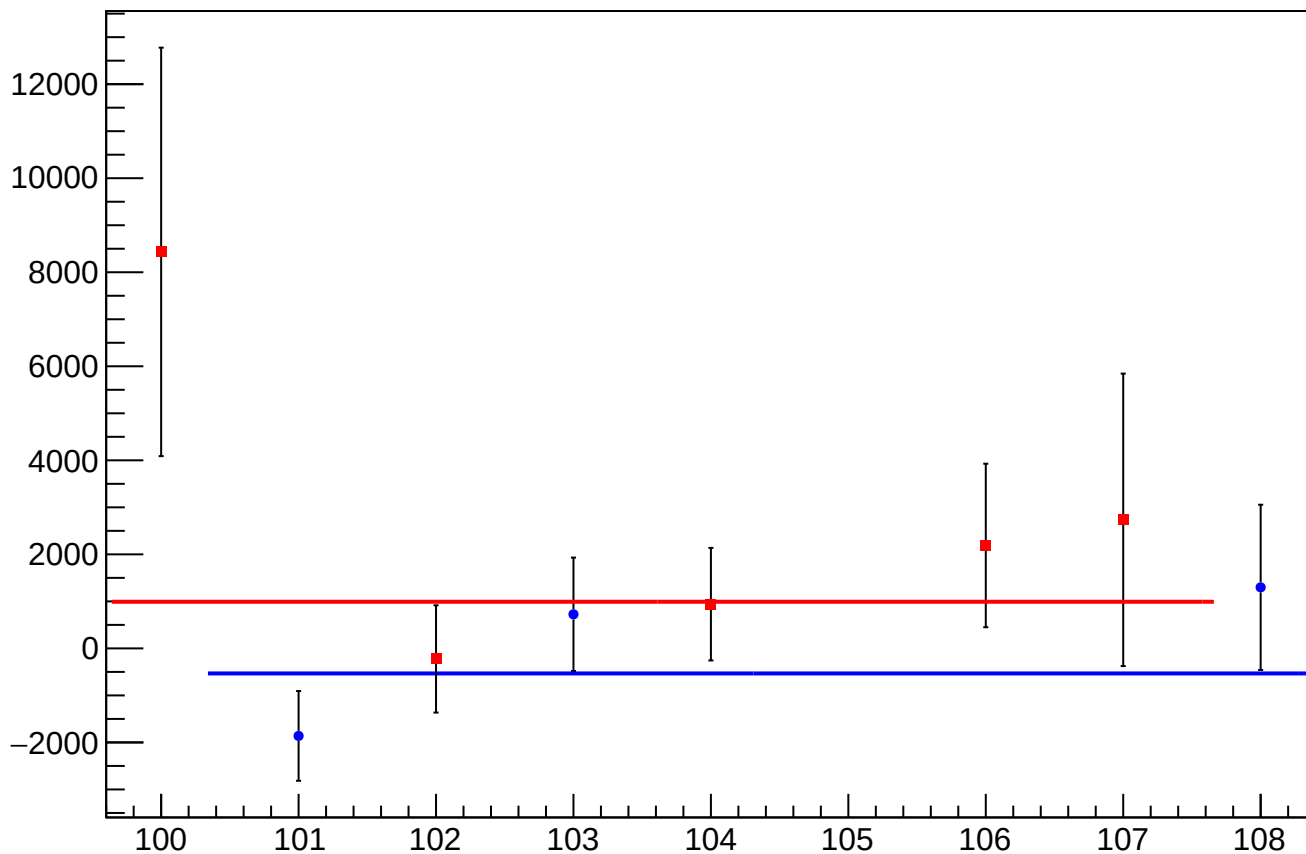
Right: 761.500+/-0.289 χ^2/NDF : 5403.0/7

In: 750.449+/-0.412 χ^2/NDF : 1553.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 761.500+/-0.289 χ^2/NDF : 5403.0/7

asym_us_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -532.736+/-688.577 χ^2/NDF : 4.1/2

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

Right Out: 991.975+/-715.546 χ^2/NDF : 4.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

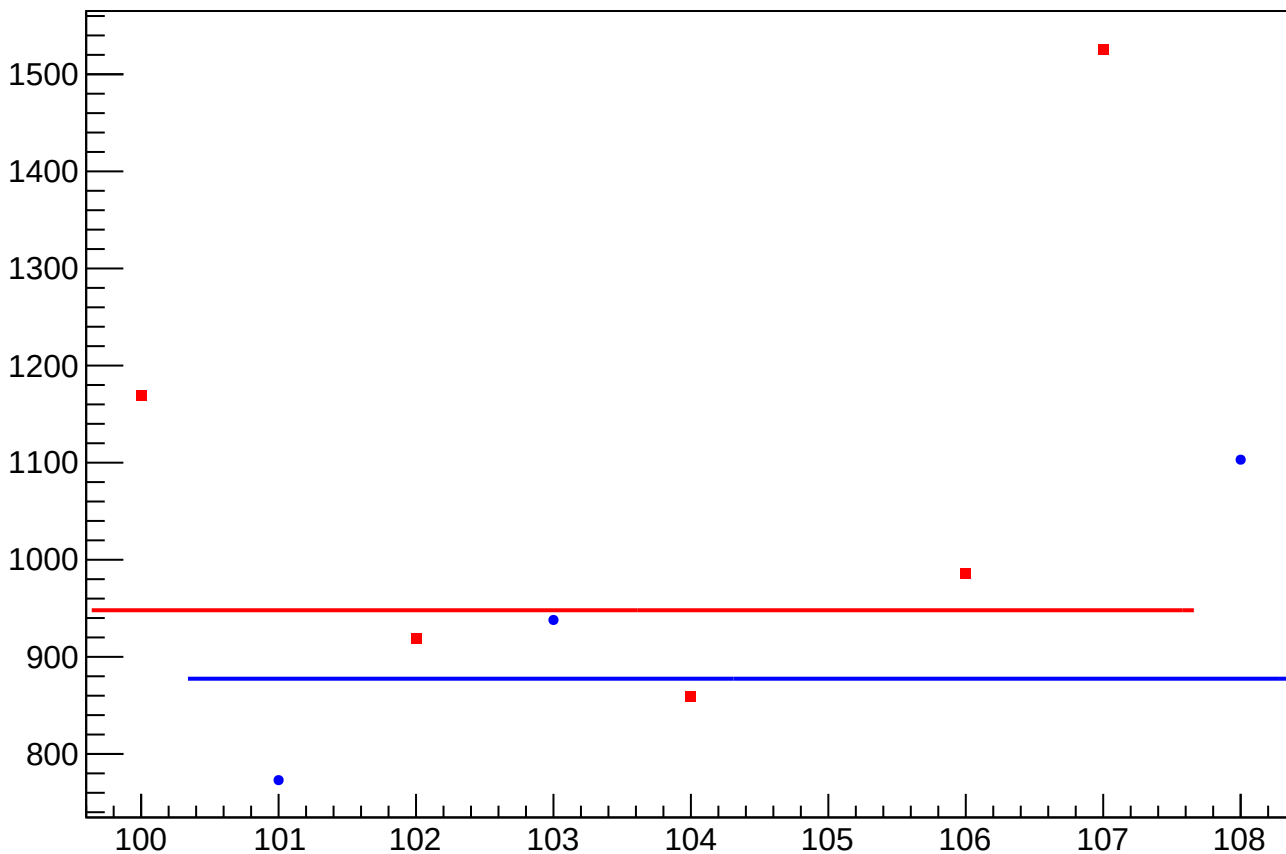
Right: 200.346+/-496.158 χ^2/NDF : 11.3/7

In: -532.736+/-688.577 χ^2/NDF : 4.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 200.346+/-496.158 χ^2/NDF : 11.3/7

asym_us_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 877.511+/-0.487 χ^2/NDF : 61952.7/2

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

Right Out: 947.999+/-0.506 χ^2/NDF : 87210.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

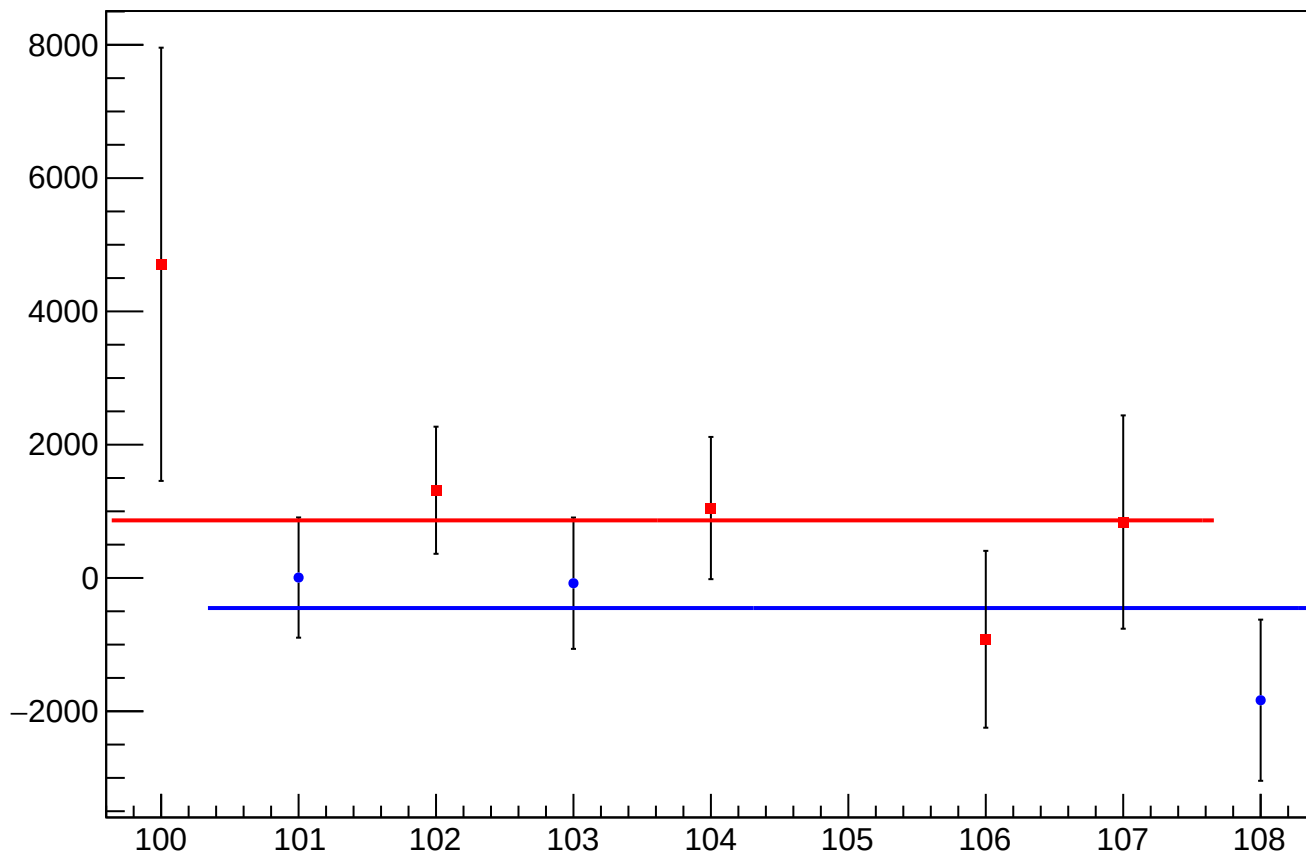
Right: 911.401+/-0.351 χ^2/NDF : 159239.7/7

In: 877.511+/-0.487 χ^2/NDF : 61952.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 911.401+/-0.351 χ^2/NDF : 159239.7/7

cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -451.380+/-582.943 χ^2/NDF : 1.7/2

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

Right Out: 864.145+/-574.430 χ^2/NDF : 3.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

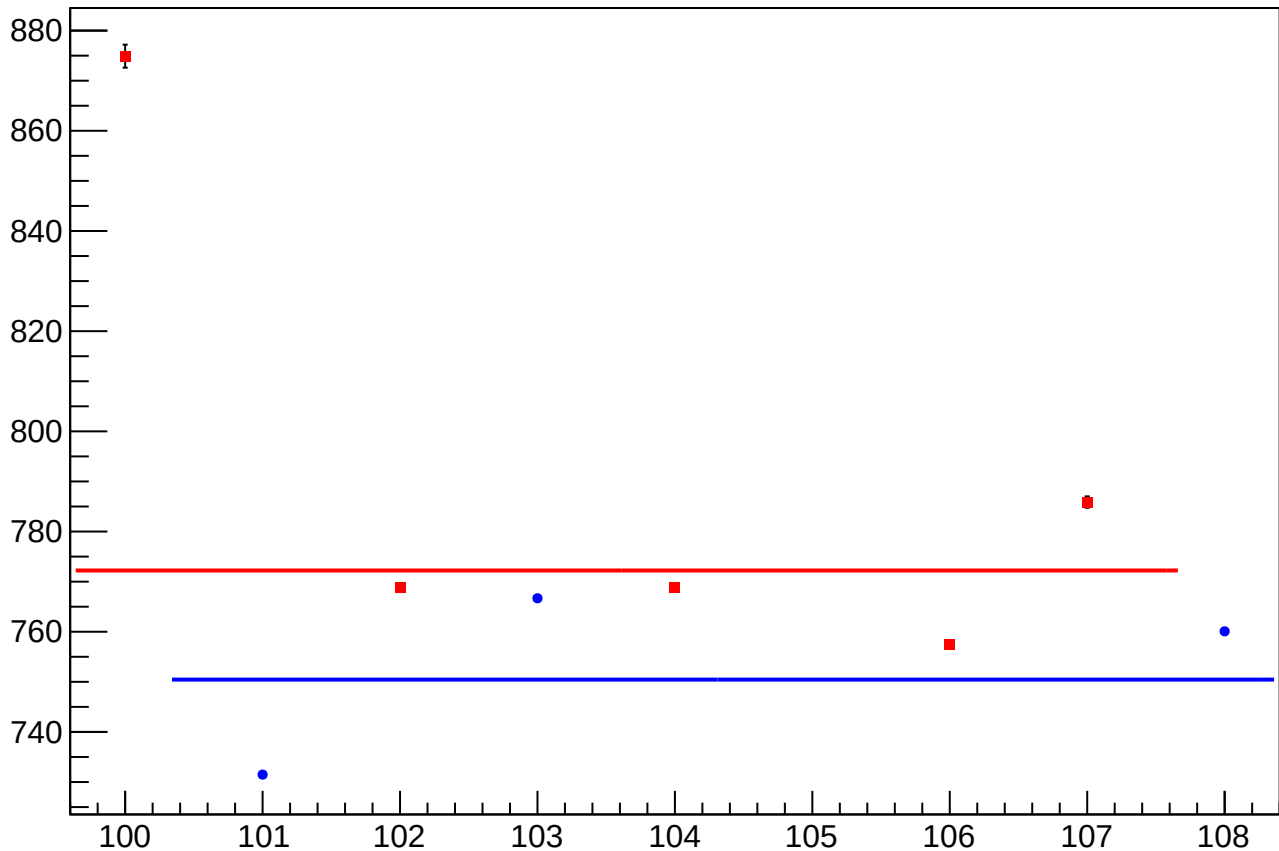
Right: 216.058+/-409.160 χ^2/NDF : 7.8/7

In: -451.380+/-582.943 χ^2/NDF : 1.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 216.058+/-409.160 χ^2/NDF : 7.8/7

cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 750.449+/-0.412 χ^2/NDF : 1553.9/2

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

Right Out: 772.230+/-0.406 χ^2/NDF : 2432.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

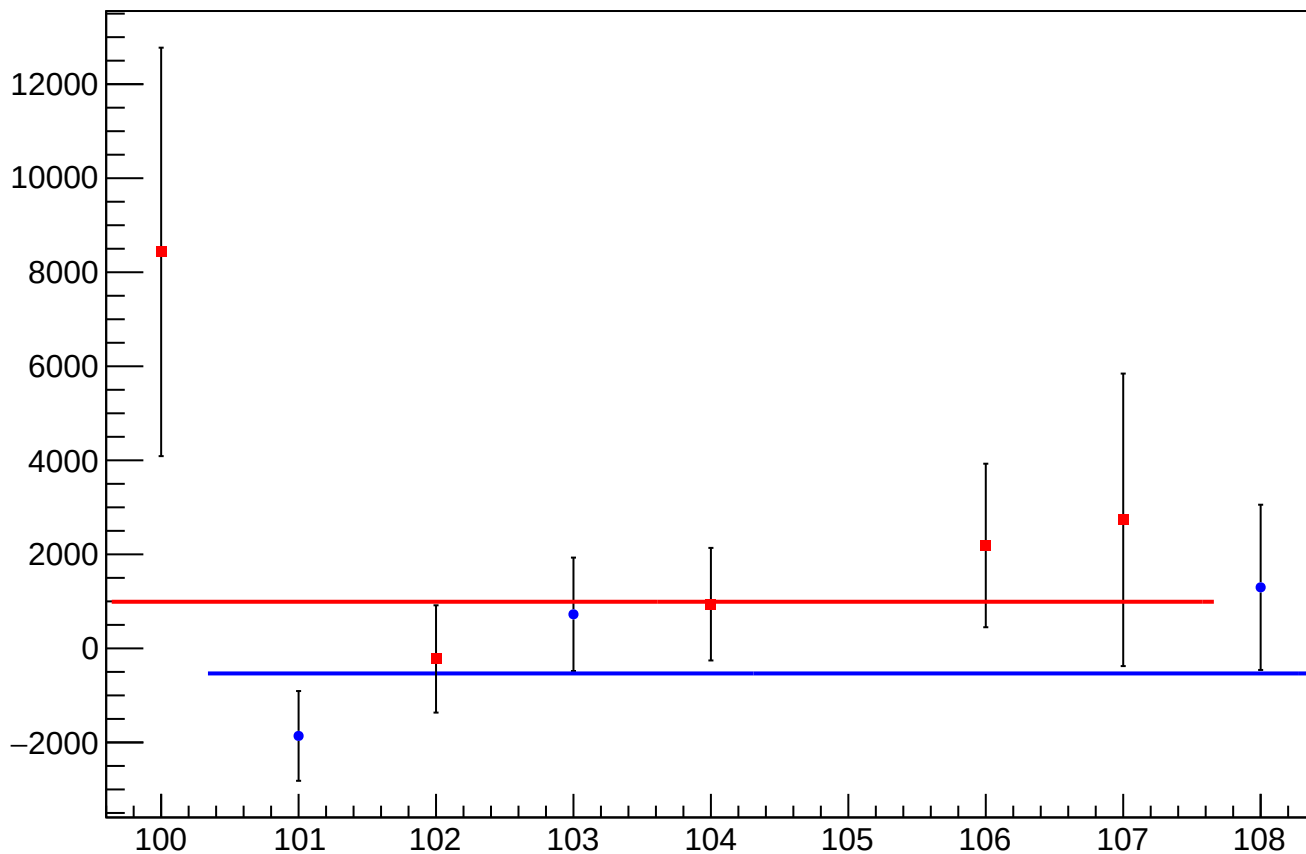
Right: 761.500+/-0.289 χ^2/NDF : 5403.0/7

In: 750.449+/-0.412 χ^2/NDF : 1553.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 761.500+/-0.289 χ^2/NDF : 5403.0/7

asym_us_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -532.736+/-688.577 χ^2/NDF : 4.1/2

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

Right Out: 991.975+/-715.546 χ^2/NDF : 4.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

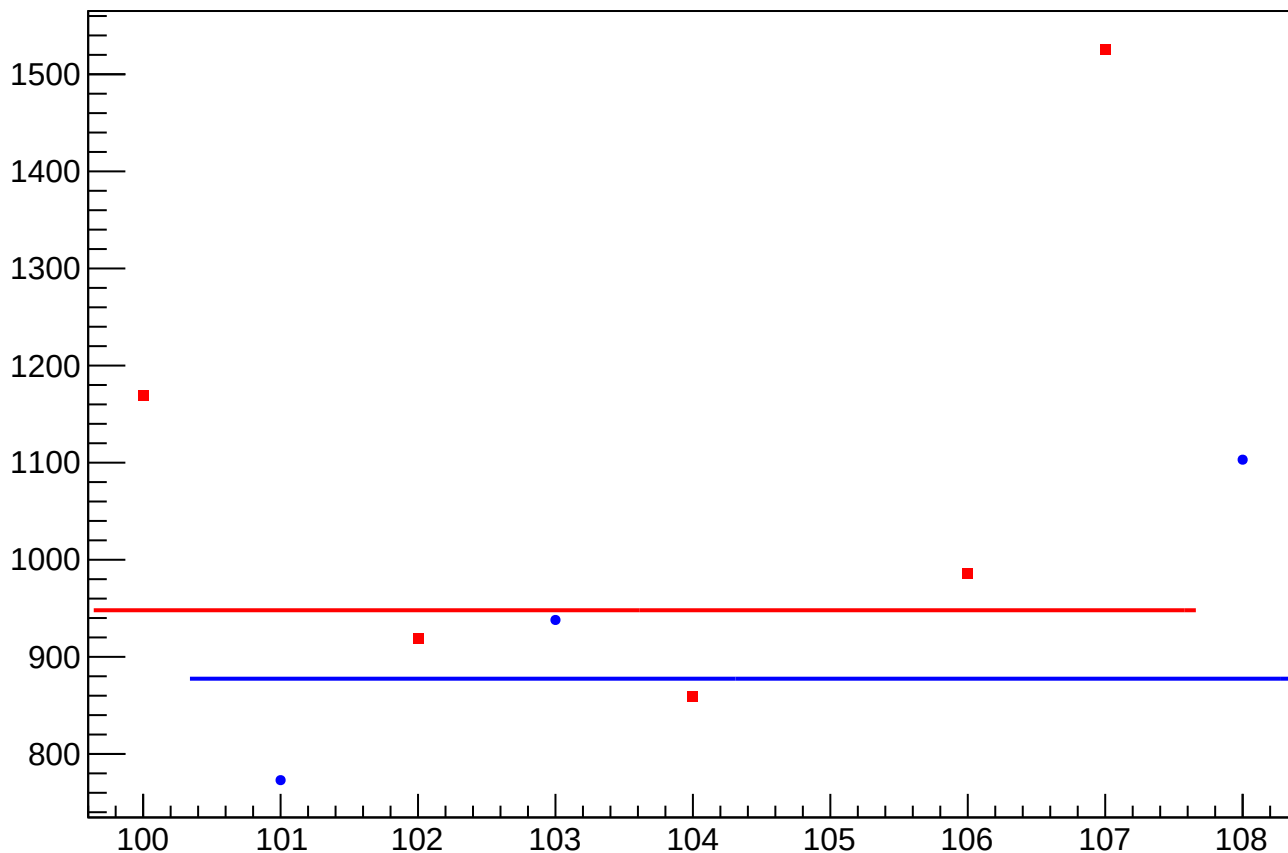
Right: 200.346+/-496.158 χ^2/NDF : 11.3/7

In: -532.736+/-688.577 χ^2/NDF : 4.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 200.346+/-496.158 χ^2/NDF : 11.3/7

asym_us_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 877.511+/-0.487 χ^2/NDF : 61952.7/2

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

Right Out: 947.999+/-0.506 χ^2/NDF : 87210.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

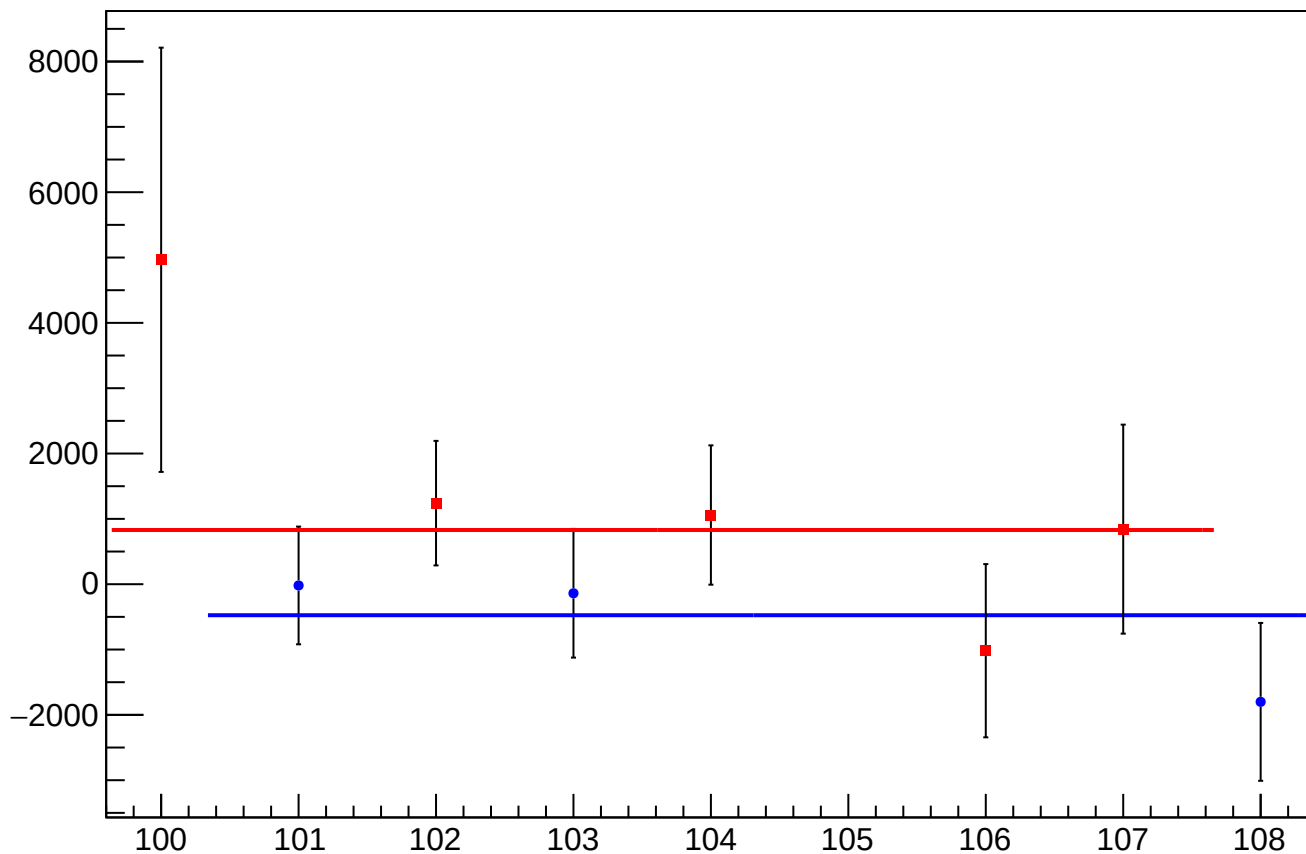
Right: 911.401+/-0.351 χ^2/NDF : 159239.7/7

In: 877.511+/-0.487 χ^2/NDF : 61952.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 911.401+/-0.351 χ^2/NDF : 159239.7/7

overload_cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -474.882+/-582.352 χ^2/NDF : 1.6/2

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

Right Out: 829.699+/-573.967 χ^2/NDF : 3.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

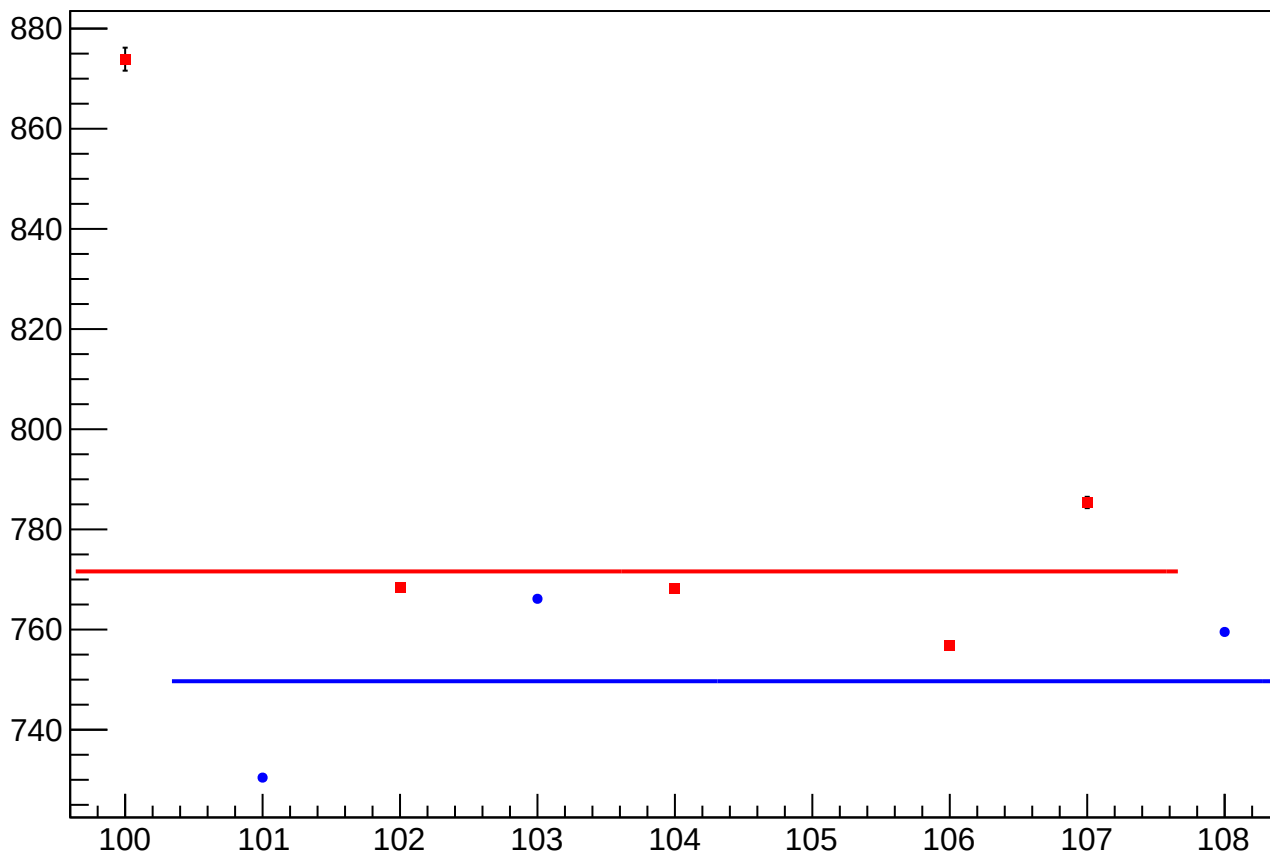
Right: 186.867+/-408.788 χ^2/NDF : 7.9/7

In: -474.882+/-582.352 χ^2/NDF : 1.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 186.867+/-408.788 χ^2/NDF : 7.9/7

overload_cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 749.683 $\pm$ 0.412 χ^2 /NDF: 1604.4/2

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

Right Out: 771.609 $\pm$ 0.406 χ^2 /NDF: 2426.9/4

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

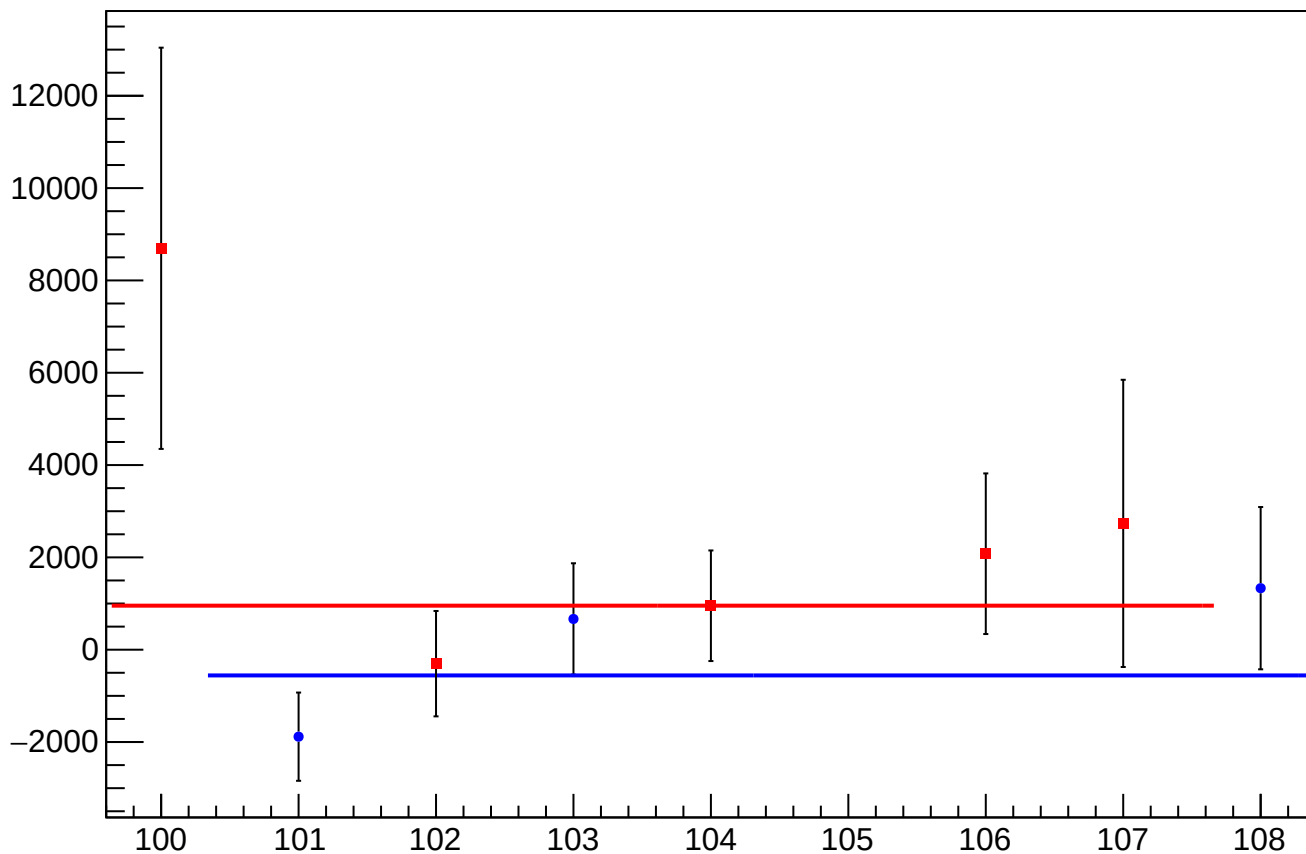
Right: 760.805 $\pm$ 0.289 χ^2 /NDF: 5469.4/7

In: 749.683 $\pm$ 0.412 χ^2 /NDF: 1604.4/2

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

All: 760.805 $\pm$ 0.289 χ^2 /NDF: 5469.4/7

asym_us_dd_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: -557.451+/-689.187 χ^2/NDF : 4.1/2

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

Right Out: 953.996+/-715.951 χ^2/NDF : 5.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

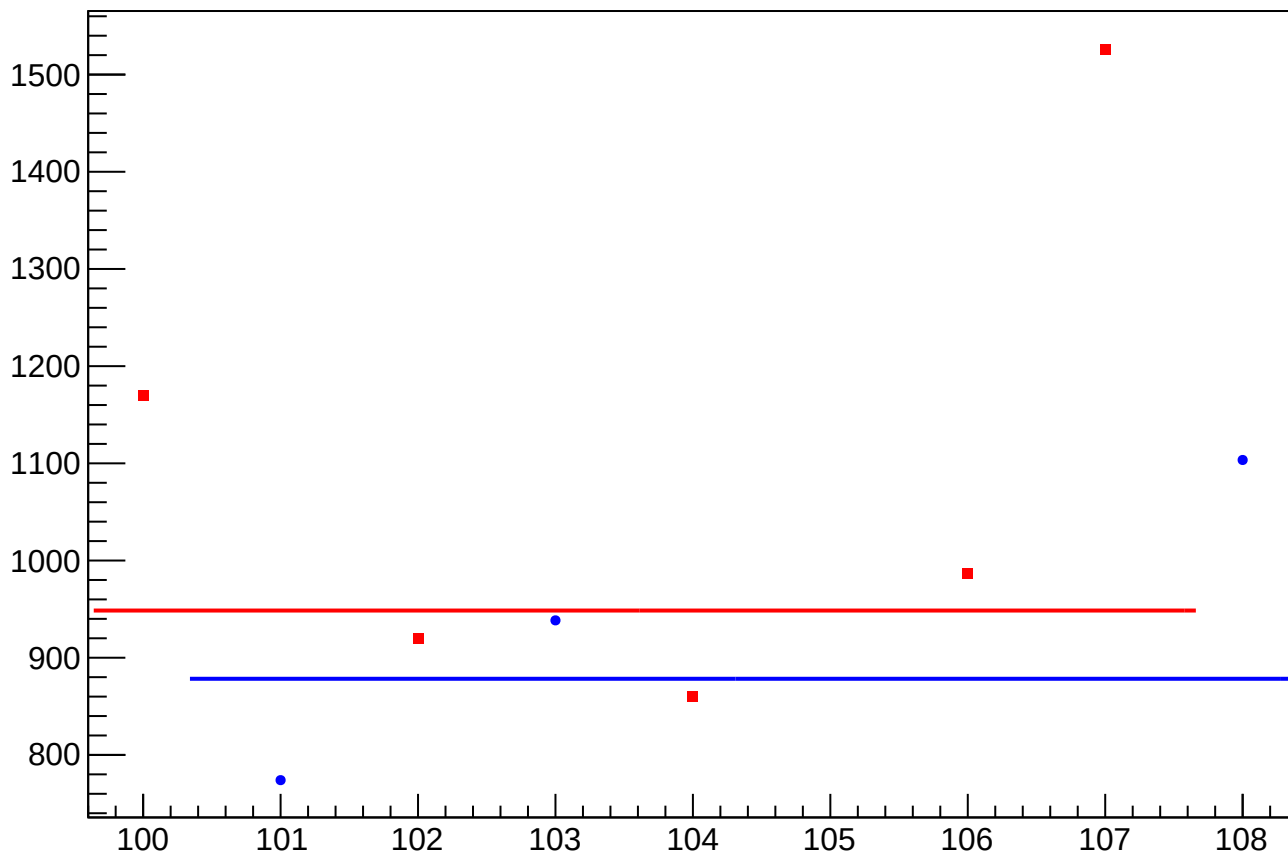
Right: 169.493+/-496.521 χ^2/NDF : 11.6/7

In: -557.451+/-689.187 χ^2/NDF : 4.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.493+/-496.521 χ^2/NDF : 11.6/7

asym_us_dd_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 878.341+/-0.487 χ^2/NDF : 61583.2/2

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

Right Out: 948.556+/-0.506 χ^2/NDF : 87096.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

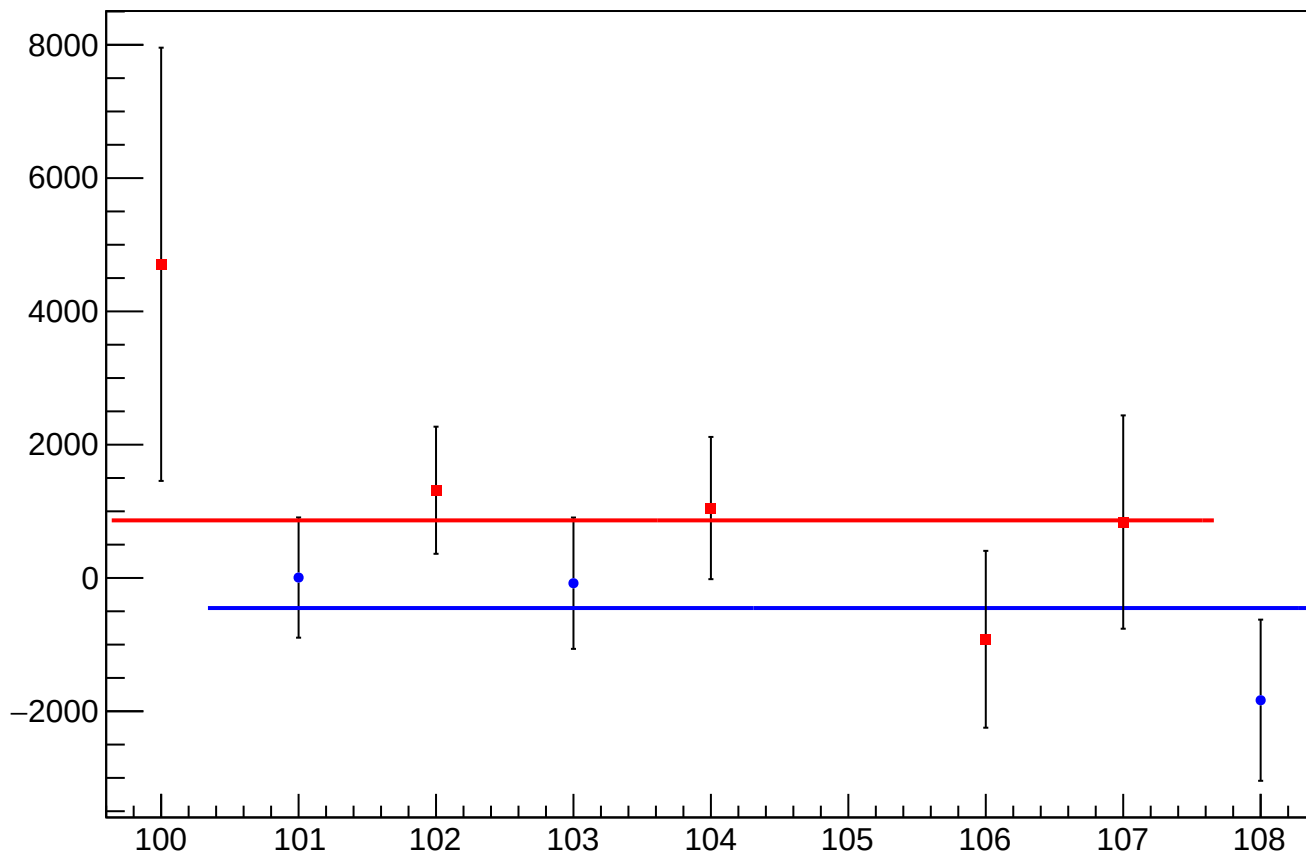
Right: 912.111+/-0.351 χ^2/NDF : 158663.9/7

In: 878.341+/-0.487 χ^2/NDF : 61583.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 912.111+/-0.351 χ^2/NDF : 158663.9/7

eigen_cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -451.380+/-582.943 χ^2/NDF : 1.7/2

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

Right Out: 864.145+/-574.430 χ^2/NDF : 3.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

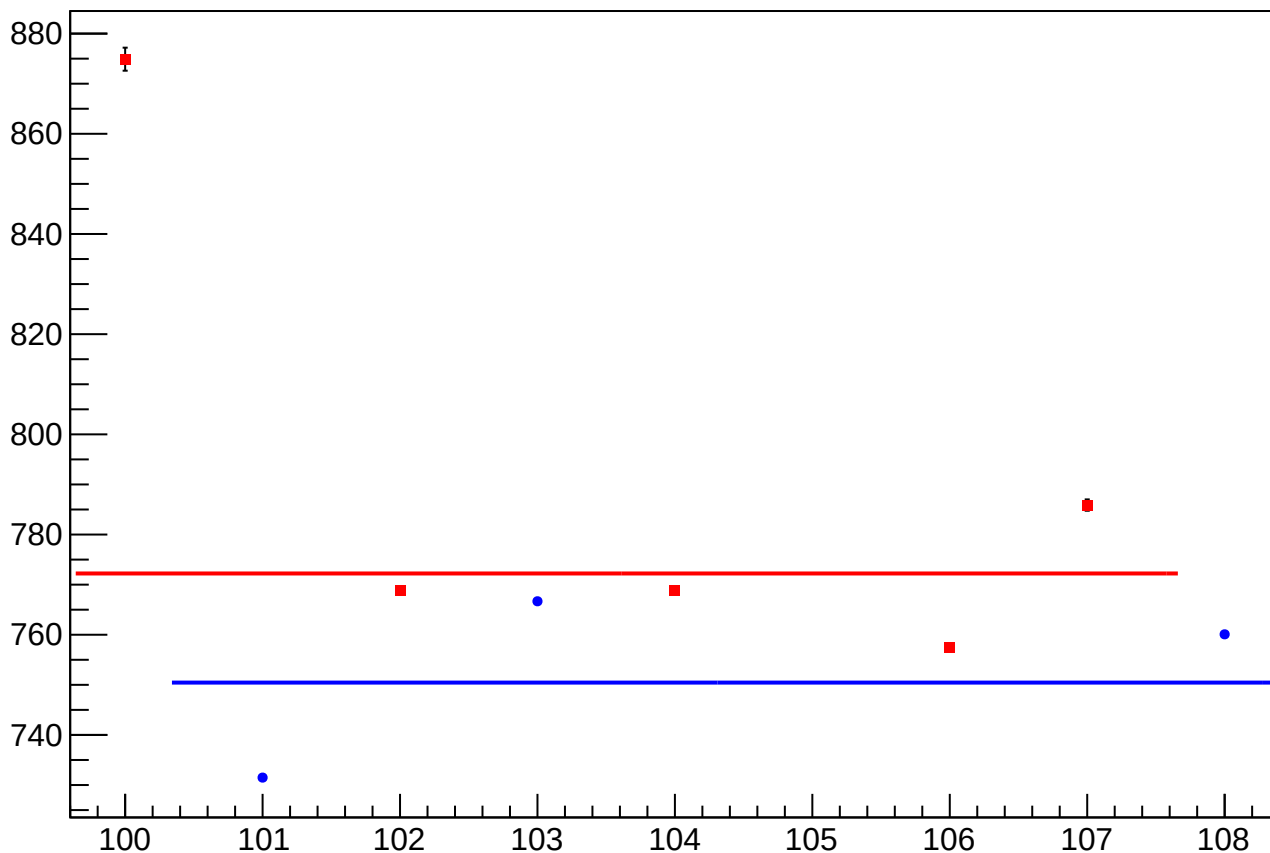
Right: 216.058+/-409.160 χ^2/NDF : 7.8/7

In: -451.380+/-582.943 χ^2/NDF : 1.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 216.058+/-409.160 χ^2/NDF : 7.8/7

eigen_cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 750.449+/-0.412 χ^2/NDF : 1553.9/2

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

Right Out: 772.230+/-0.406 χ^2/NDF : 2432.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

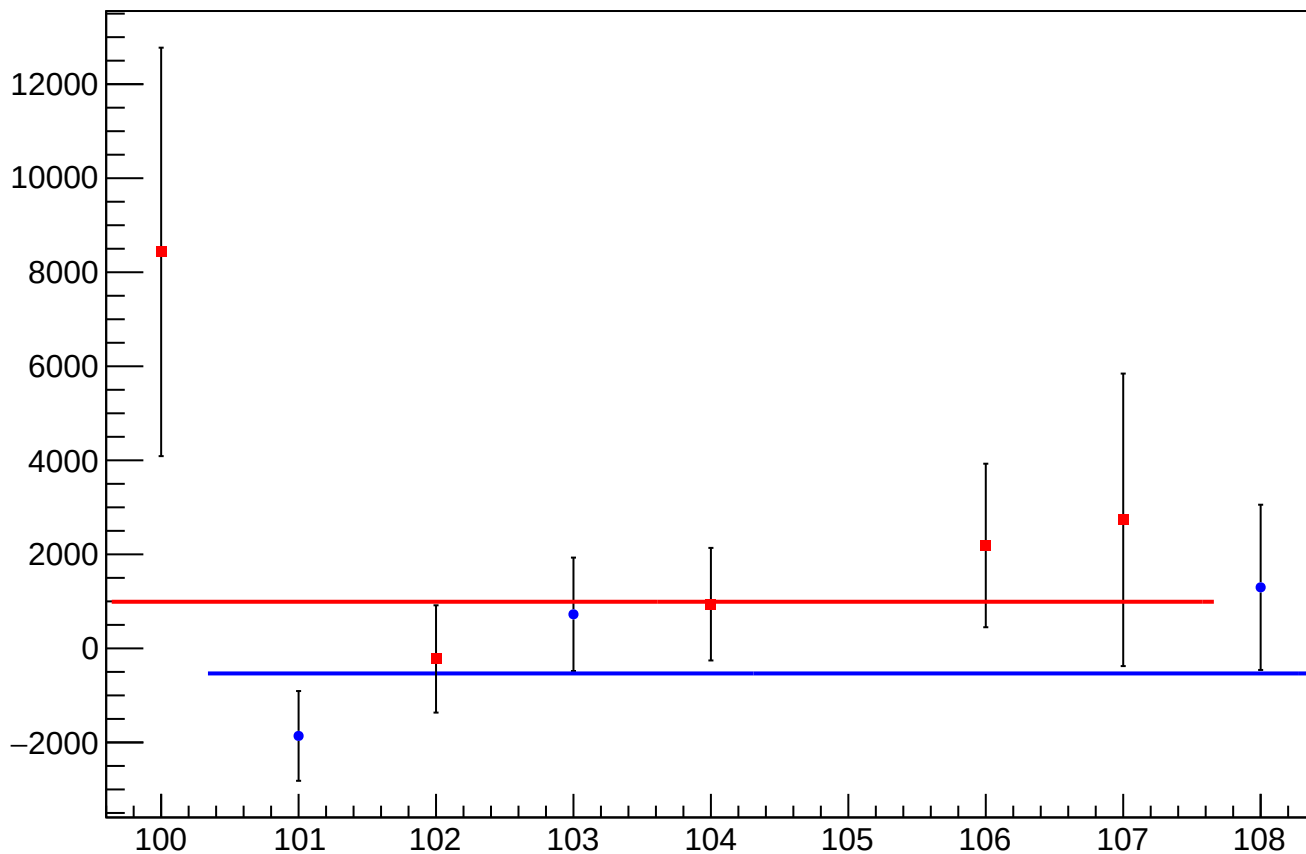
Right: 761.500+/-0.289 χ^2/NDF : 5403.0/7

In: 750.449+/-0.412 χ^2/NDF : 1553.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 761.500+/-0.289 χ^2/NDF : 5403.0/7

asym_us_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -532.736+/-688.577 χ^2/NDF : 4.1/2

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

Right Out: 991.975+/-715.546 χ^2/NDF : 4.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

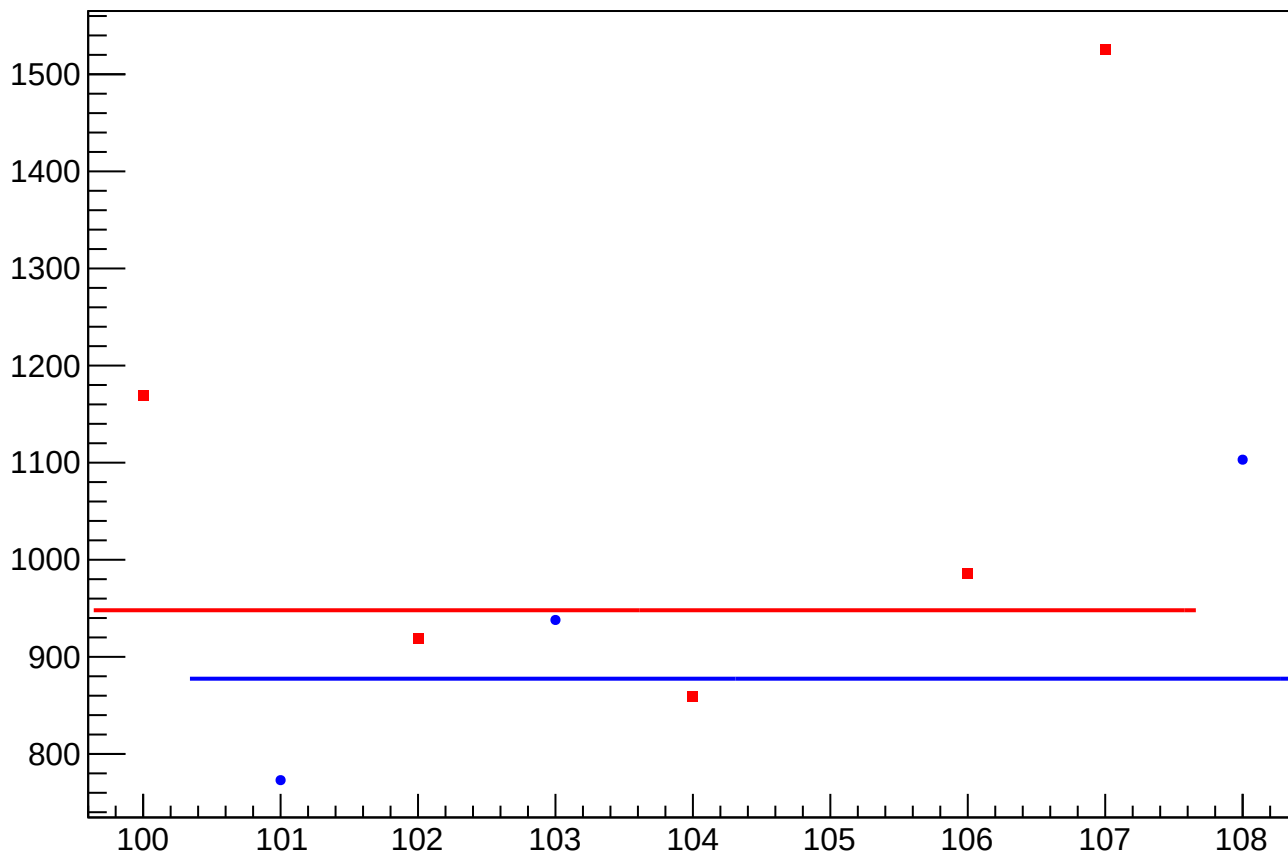
Right: 200.346+/-496.158 χ^2/NDF : 11.3/7

In: -532.736+/-688.577 χ^2/NDF : 4.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 200.346+/-496.158 χ^2/NDF : 11.3/7

asym_us_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 877.511+/-0.487 χ^2/NDF : 61952.7/2

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

Right Out: 947.999+/-0.506 χ^2/NDF : 87210.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

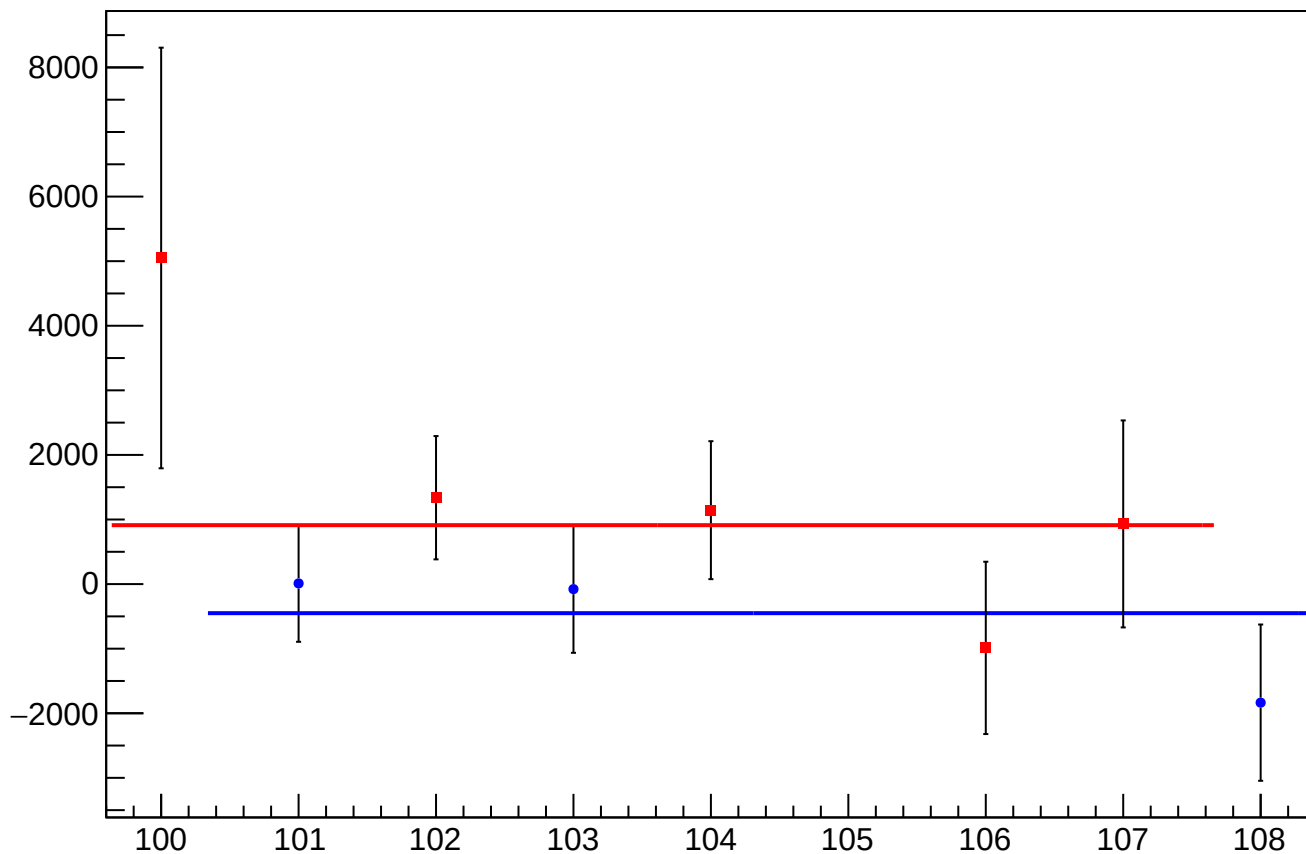
Right: 911.401+/-0.351 χ^2/NDF : 159239.7/7

In: 877.511+/-0.487 χ^2/NDF : 61952.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 911.401+/-0.351 χ^2/NDF : 159239.7/7

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -450.206+/-583.819 χ^2/NDF : 1.7/2

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

Right Out: 912.392+/-575.425 χ^2/NDF : 3.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

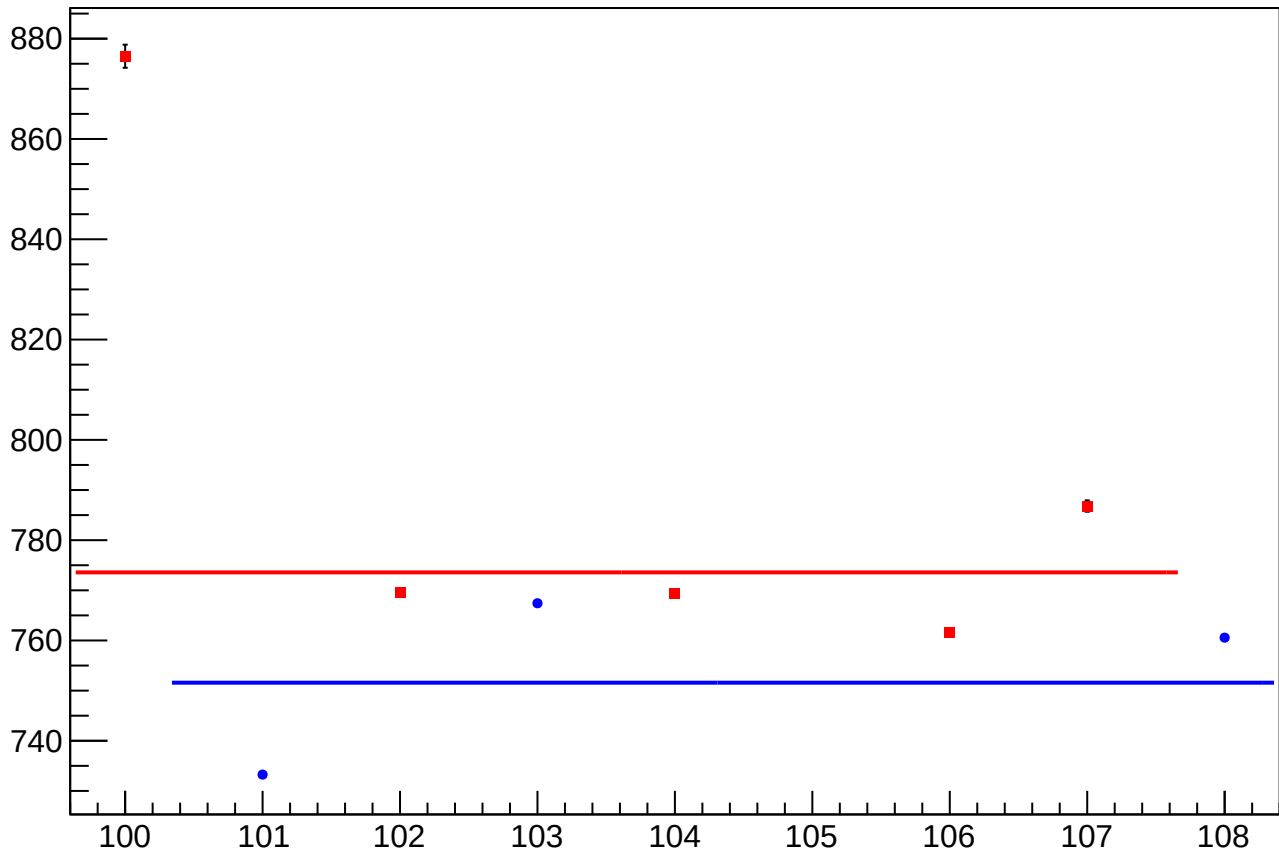
Right: 240.960+/-409.822 χ^2/NDF : 8.4/7

In: -450.206+/-583.819 χ^2/NDF : 1.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 240.960+/-409.822 χ^2/NDF : 8.4/7

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 751.585 $\pm$ 0.413 χ^2/NDF : 1447.2/2

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

Right Out: 773.576 $\pm$ 0.407 χ^2/NDF : 2362.6/4

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

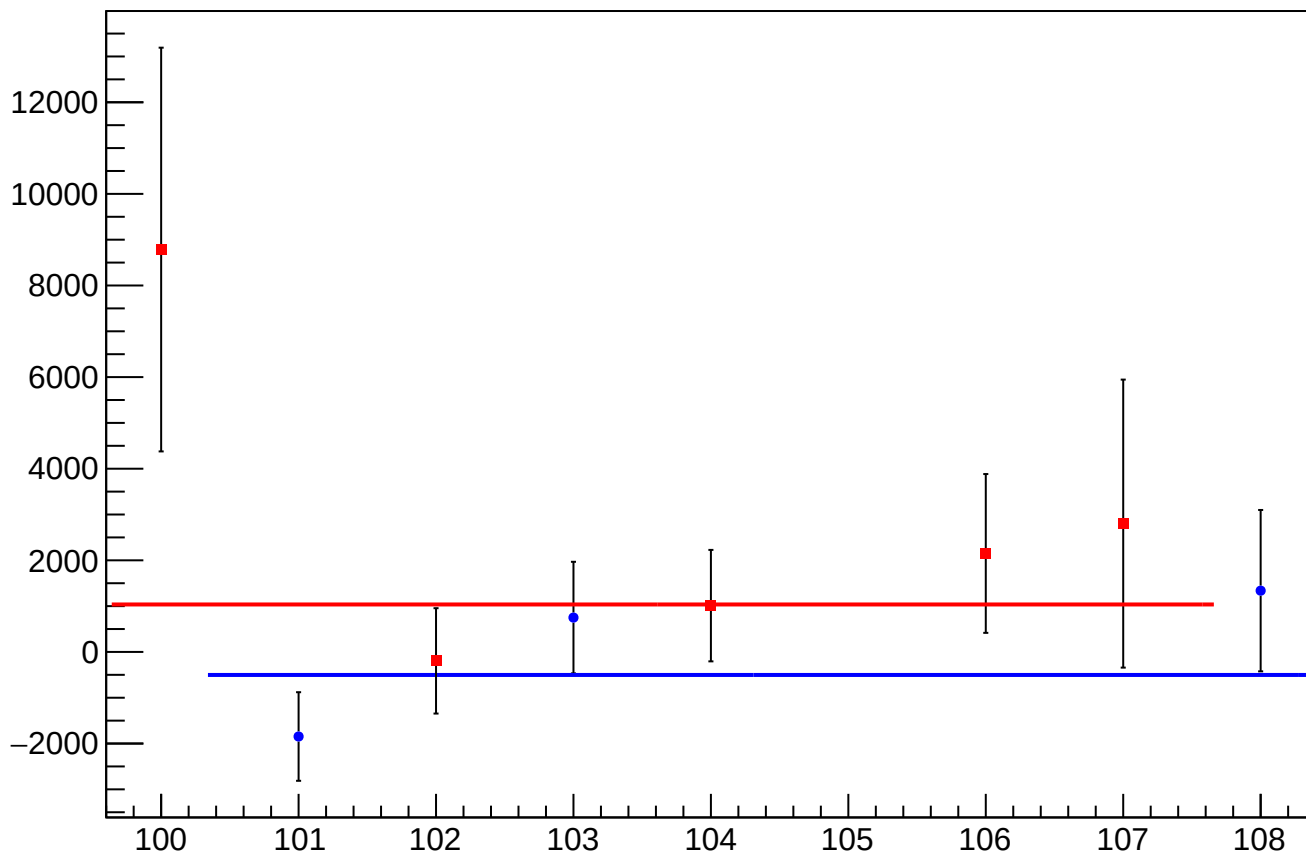
Right: 762.740 $\pm$ 0.290 χ^2/NDF : 5249.2/7

In: 751.585 $\pm$ 0.413 χ^2/NDF : 1447.2/2

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

All: 762.740 $\pm$ 0.290 χ^2/NDF : 5249.2/7

asym_us_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -502.631 $\pm$ 695.809 χ^2 /NDF: 4.1/2

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

Right Out: 1036.152 $\pm$ 722.257 χ^2 /NDF: 5.0/4

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

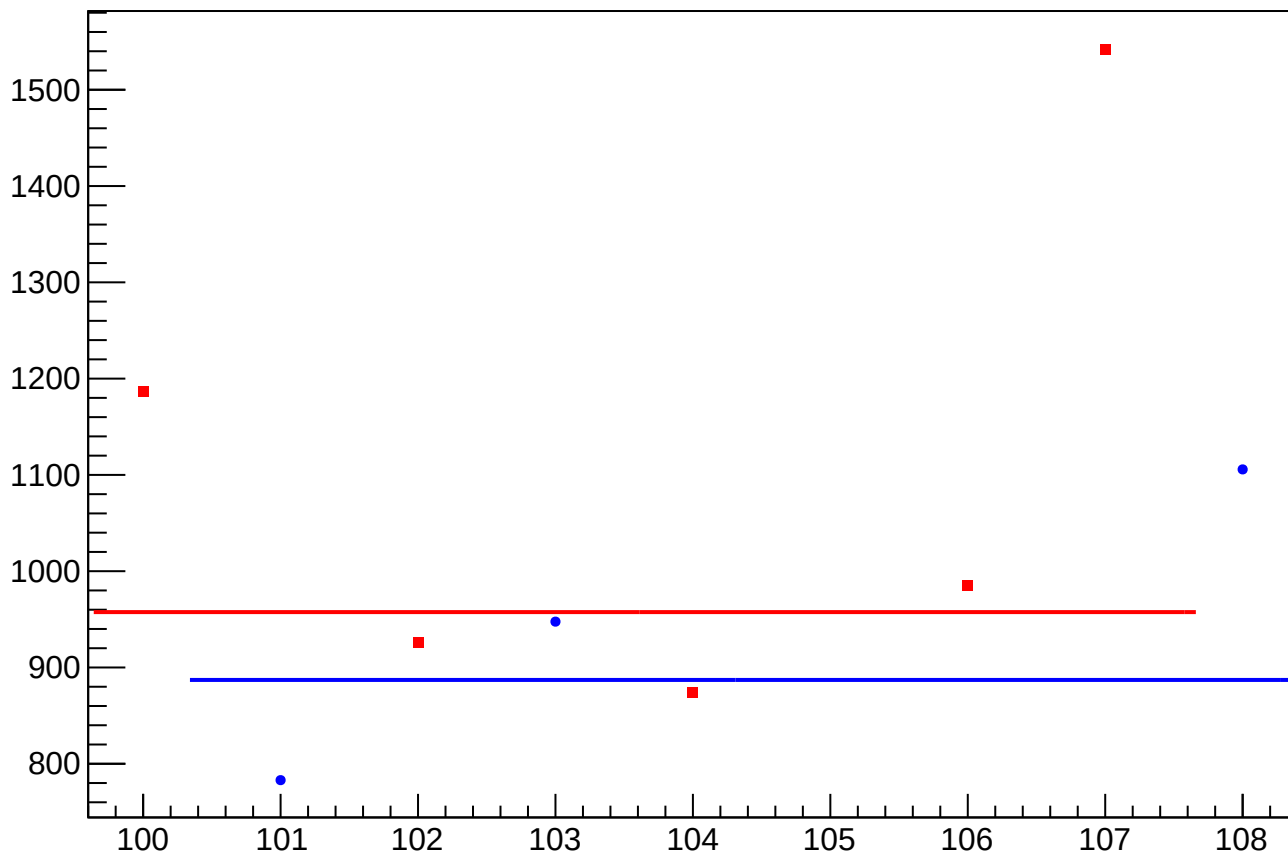
Right: 238.071 $\pm$ 501.100 χ^2 /NDF: 11.4/7

In: -502.631 $\pm$ 695.809 χ^2 /NDF:4.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 238.071 $\pm$ 501.100 χ^2 /NDF: 11.4/7

asym_us_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 887.060+/-0.492 χ^2/NDF : 58918.4/2

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

Right Out: 957.516+/-0.511 χ^2/NDF : 85831.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

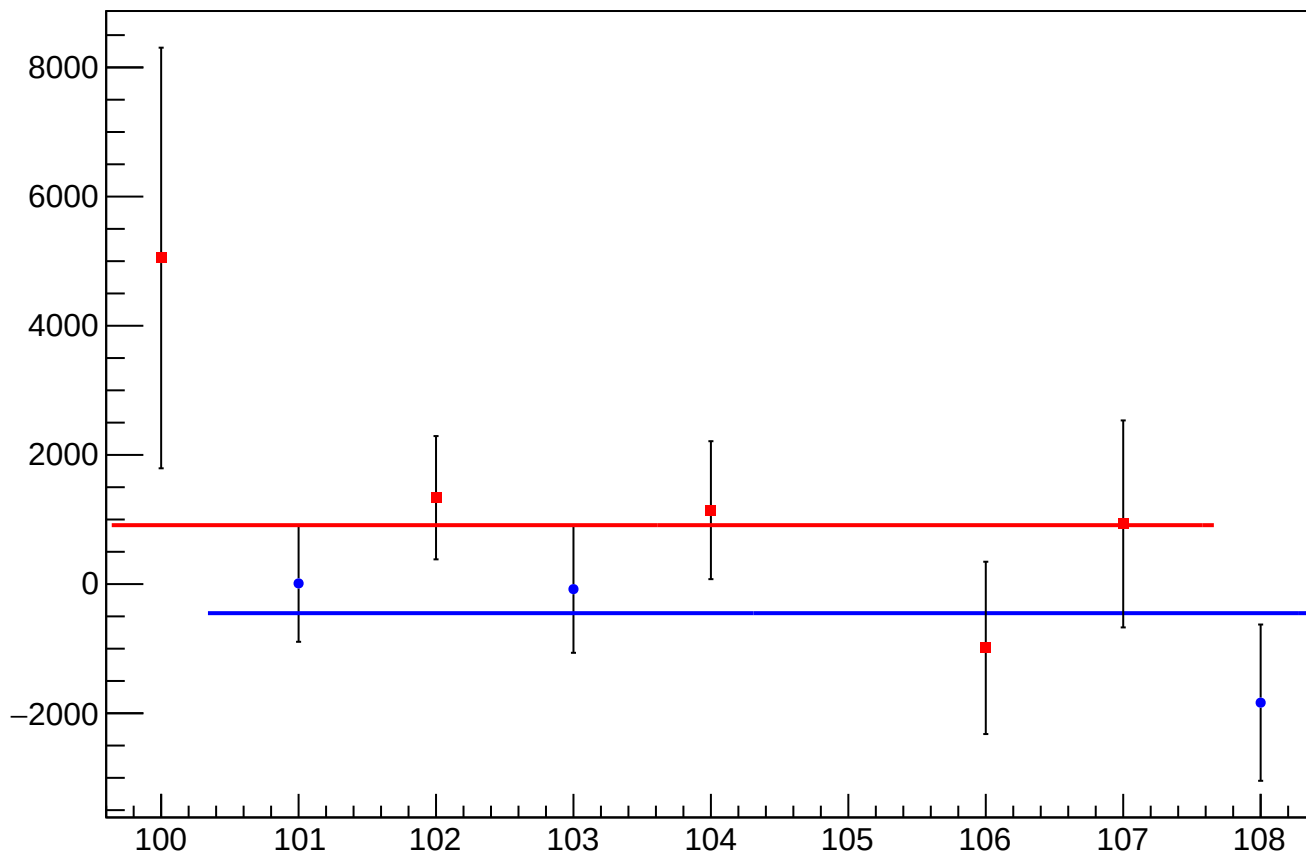
Right: 920.974+/-0.354 χ^2/NDF : 154620.7/7

In: 887.060+/-0.492 χ^2/NDF : 58918.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 920.974+/-0.354 χ^2/NDF : 154620.7/7

eigen_dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -450.204+/-583.819 χ^2/NDF : 1.7/2

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

Right Out: 912.392+/-575.425 χ^2/NDF : 3.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

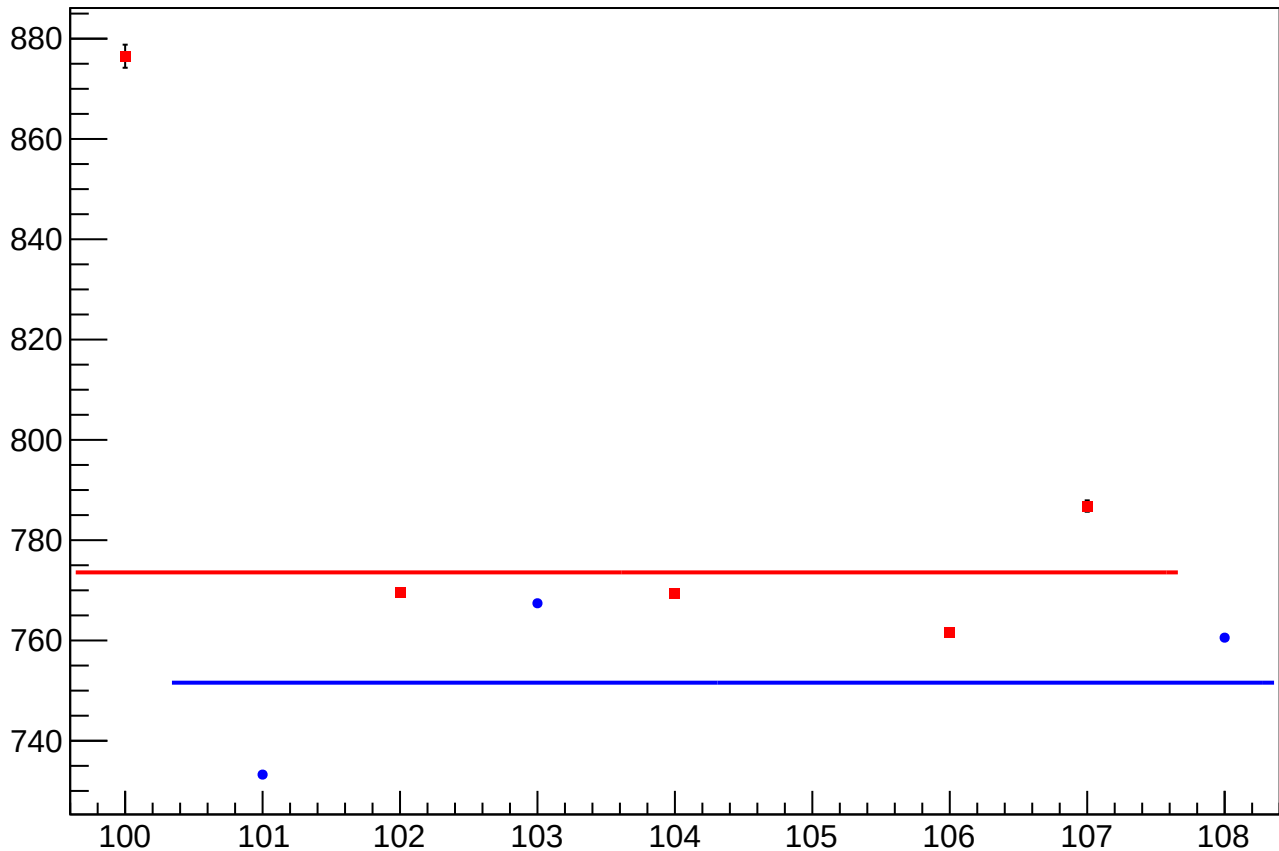
Right: 240.961+/-409.822 χ^2/NDF : 8.4/7

In: -450.204+/-583.819 χ^2/NDF : 1.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 240.961+/-409.822 χ^2/NDF : 8.4/7

eigen_dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 751.585 $\pm$ 0.413 χ^2 /NDF: 1447.2/2

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

Right Out: 773.576 $\pm$ 0.407 χ^2 /NDF: 2362.6/4

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

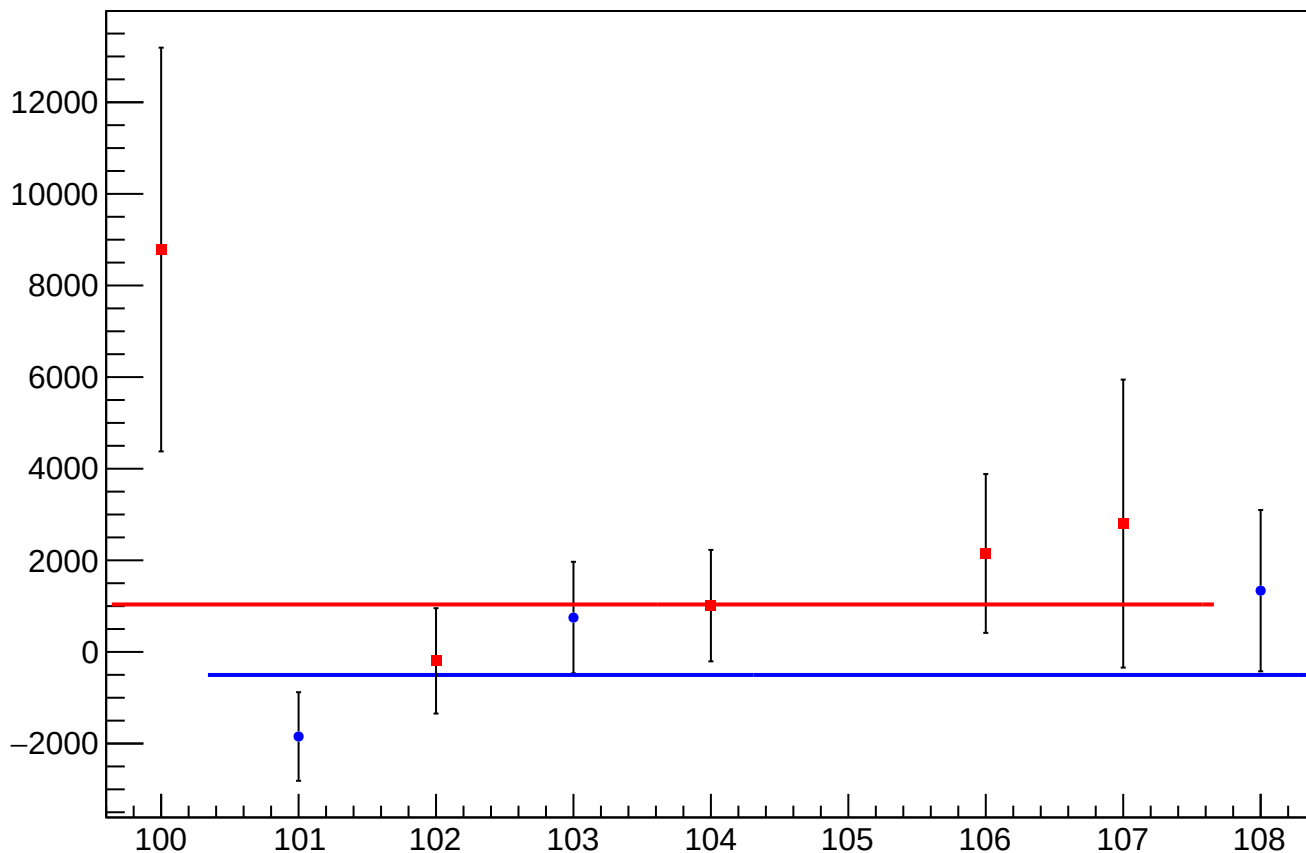
Right: 762.740 $\pm$ 0.290 χ^2 /NDF: 5249.2/7

In: 751.585 $\pm$ 0.413 χ^2 /NDF:1447.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 762.740 $\pm$ 0.290 χ^2 /NDF: 5249.2/7

asym_us_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -502.633+/-695.809 χ^2/NDF : 4.1/2

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

Right Out: 1036.157+/-722.259 χ^2/NDF : 5.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

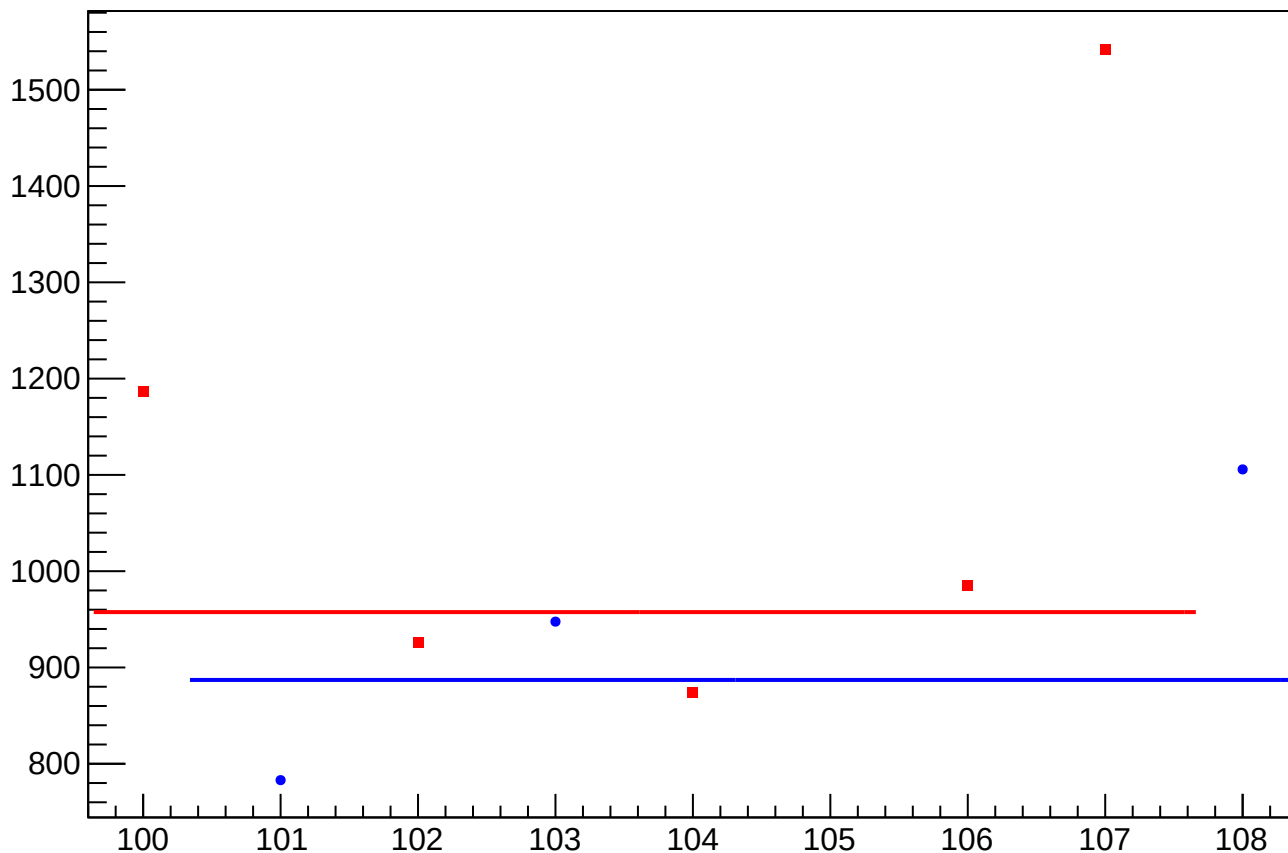
Right: 238.070+/-501.101 χ^2/NDF : 11.4/7

In: -502.633+/-695.809 χ^2/NDF : 4.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 238.070+/-501.101 χ^2/NDF : 11.4/7

asym_us_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 887.060+/-0.492 χ^2/NDF : 58918.8/2

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

Right Out: 957.519+/-0.511 χ^2/NDF : 85828.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

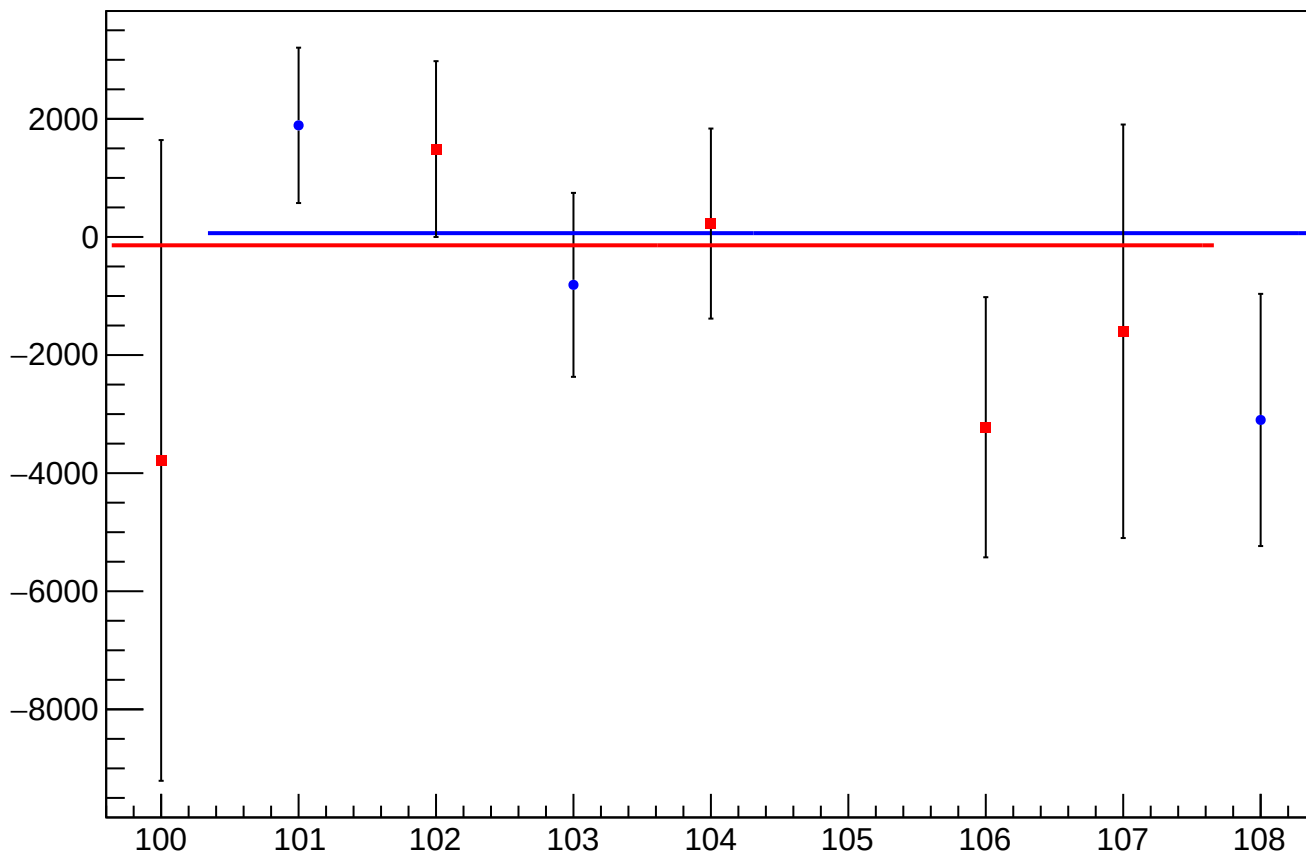
Right: 920.976+/-0.354 χ^2/NDF : 154619.1/7

In: 887.060+/-0.492 χ^2/NDF : 58918.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 920.976+/-0.354 χ^2/NDF : 154619.1/7

asym_us_dd_mean vs Slug, Sign Corrected



Right In: 64.391+/-909.411 χ^2/NDF : 4.4/2

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

Right Out: -141.444+/-929.024 χ^2/NDF : 3.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

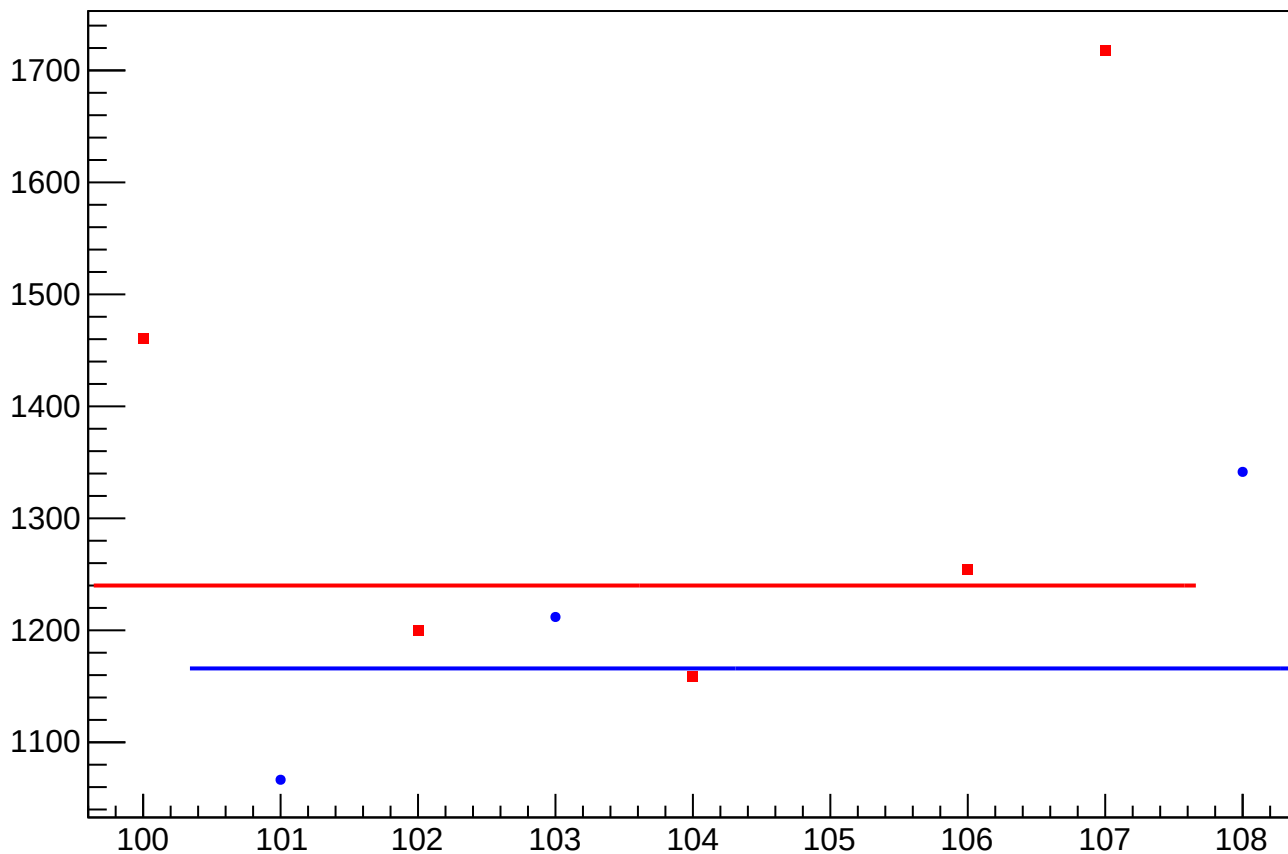
Right: -36.331+/-649.874 χ^2/NDF : 8.3/7

In: 64.391+/-909.411 χ^2/NDF : 4.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.331+/-649.874 χ^2/NDF : 8.3/7

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1165.967+/-0.643 χ^2/NDF : 26673.2/2

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

Right Out: 1240.010+/-0.657 χ^2/NDF : 47199.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

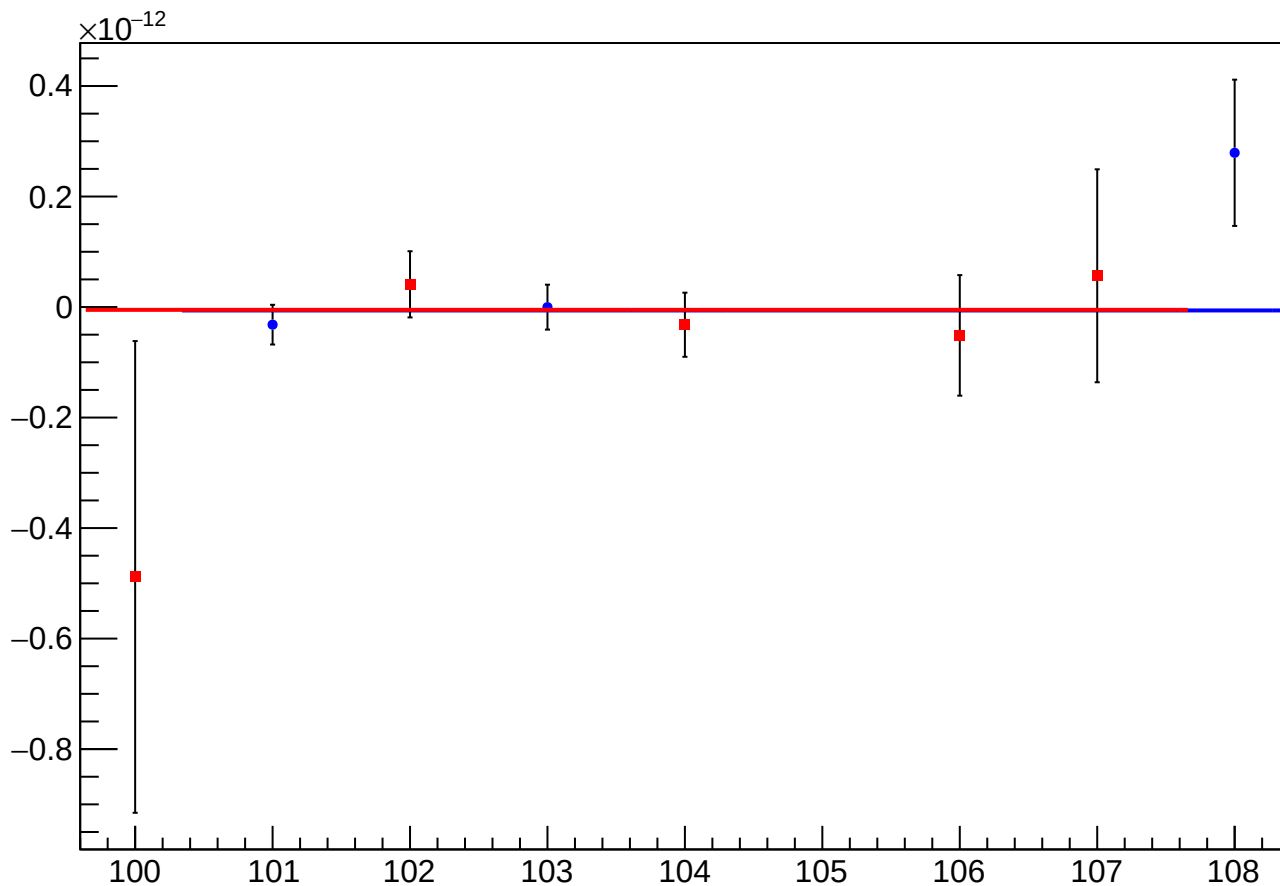
Right: 1202.199+/-0.460 χ^2/NDF : 80360.0/7

In: 1165.967+/-0.643 χ^2/NDF : 26673.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1202.199+/-0.460 χ^2/NDF : 80360.0/7

asym_us_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.000+/-0.000 χ^2/NDF : 2.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

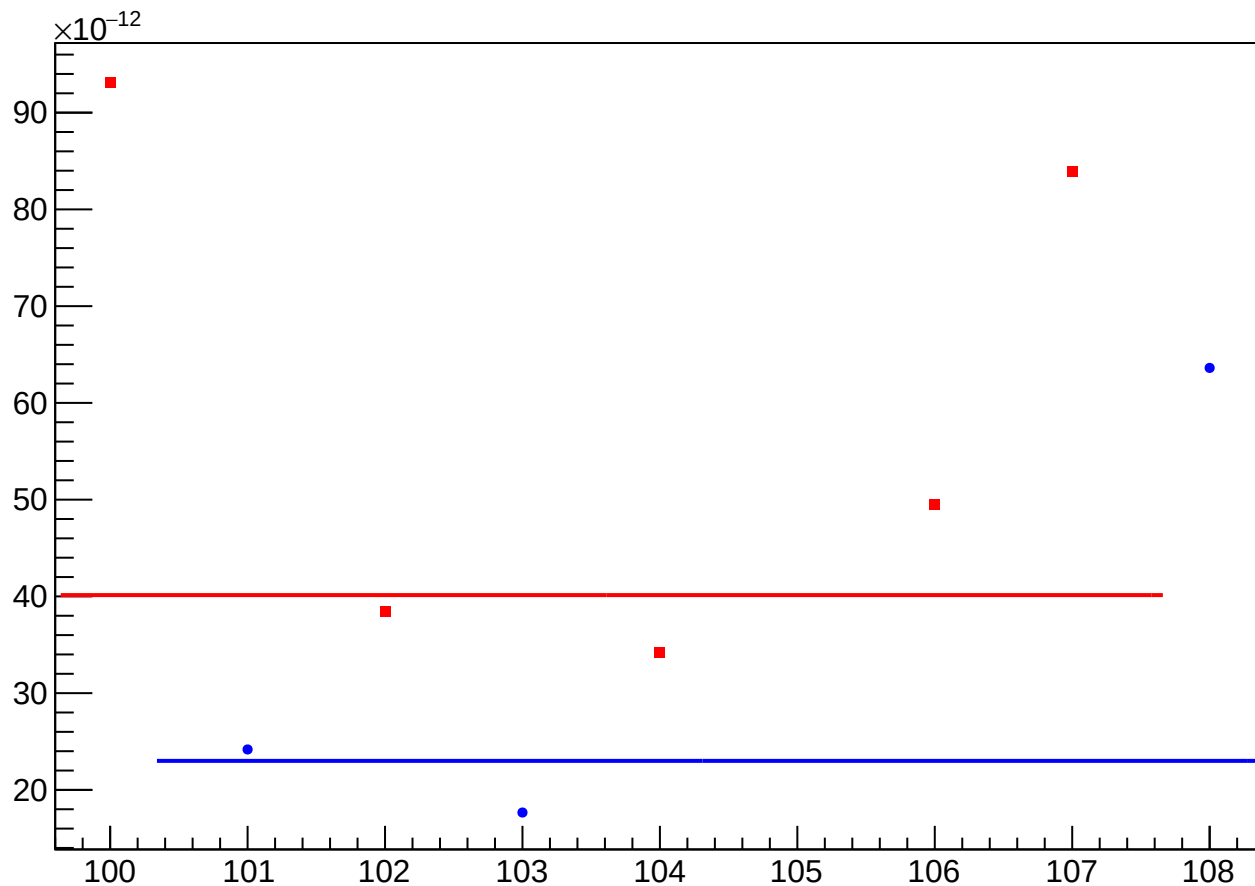
Right: -0.000+/-0.000 χ^2/NDF : 7.6/7

In: -0.000+/-0.000 χ^2/NDF : 5.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.6/7

asym_us_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 225053.6/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 171608.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

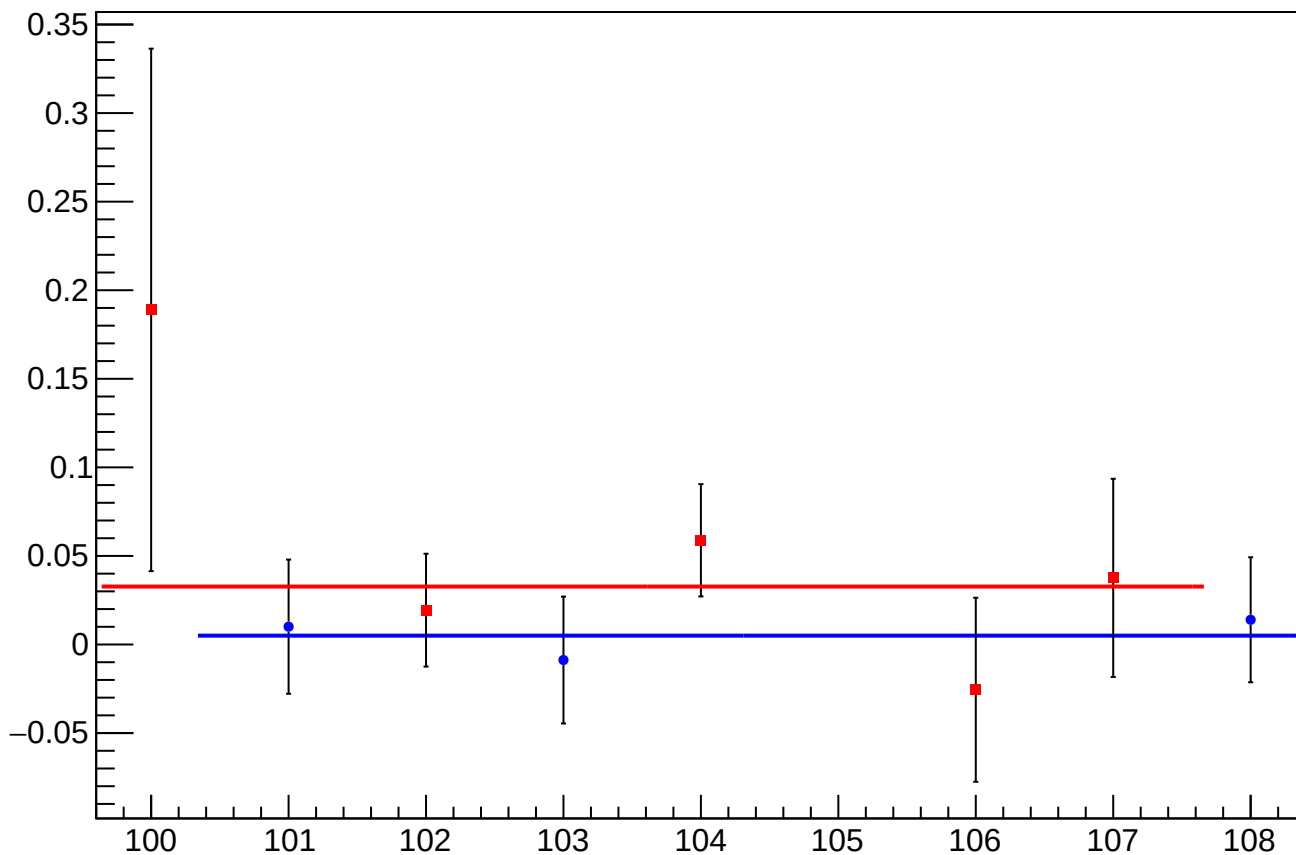
Right: 0.000+/-0.000 χ^2/NDF : 670992.1/7

In: 0.000+/-0.000 χ^2/NDF : 225053.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 670992.1/7

asym_us_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.021 χ^2/NDF : 0.2/2

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

Right Out: 0.033+/-0.019 χ^2/NDF : 3.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

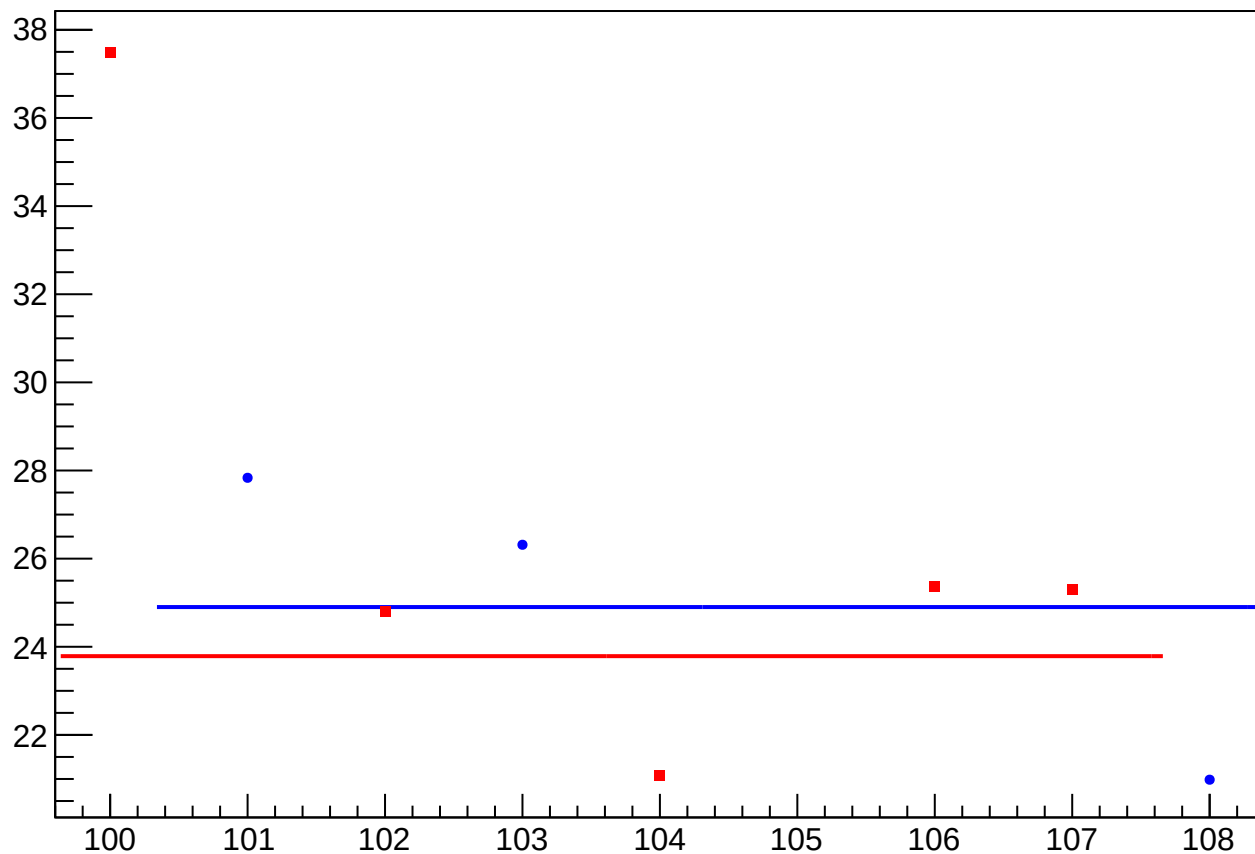
Right: 0.020+/-0.014 χ^2/NDF : 4.4/7

In: 0.005+/-0.021 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.014 χ^2/NDF : 4.4/7

asym_us_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.901 $\pm$ 0.015 χ^2 /NDF: 39771.6/2

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

Right Out: 23.787 $\pm$ 0.014 χ^2 /NDF: 37157.6/4

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

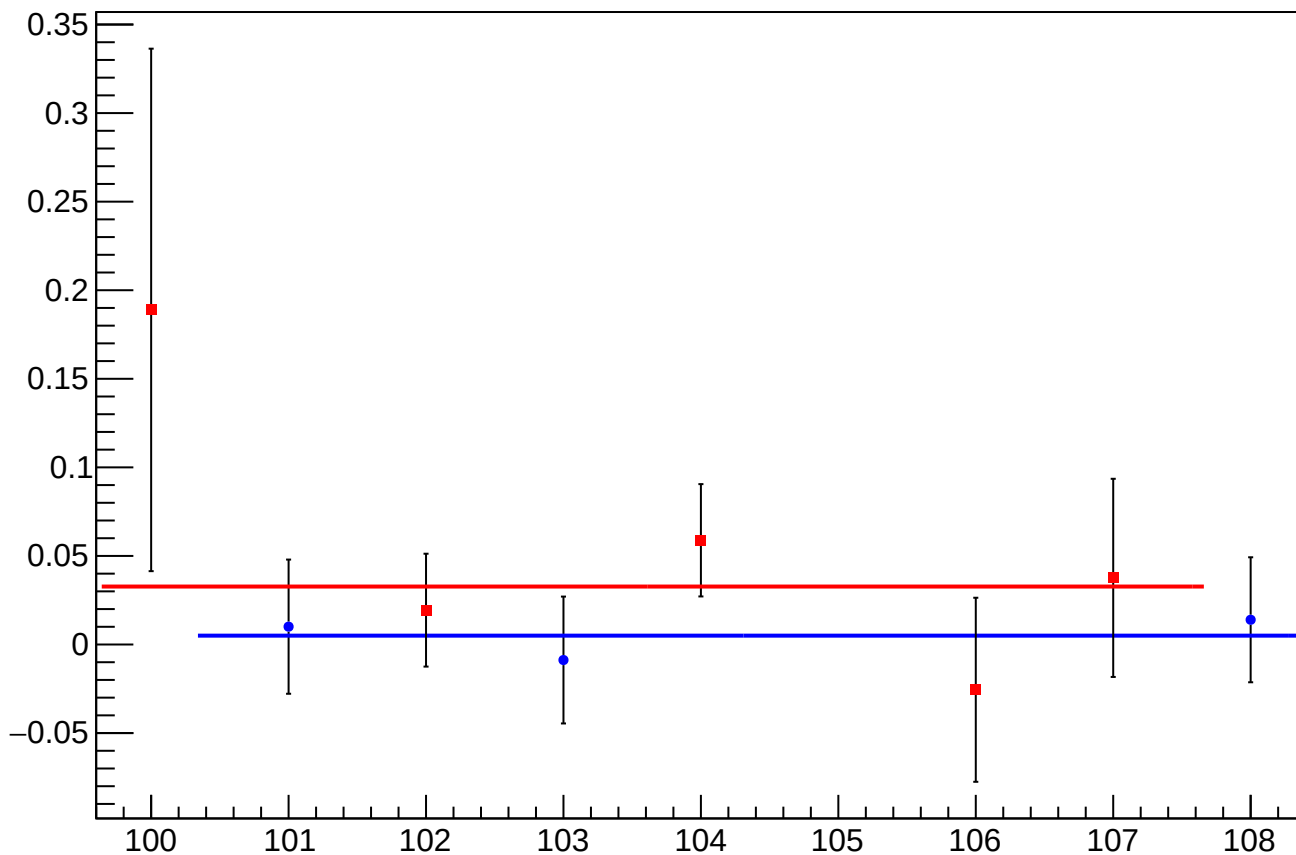
Right: 24.296 $\pm$ 0.010 χ^2 /NDF: 80006.6/7

In: 24.901 $\pm$ 0.015 χ^2 /NDF:39771.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 24.296 $\pm$ 0.010 χ^2 /NDF: 80006.6/7

asym_us_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.021 χ^2 /NDF: 0.2/2

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

Right Out: 0.033 $\pm$ 0.019 χ^2 /NDF: 3.2/4

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

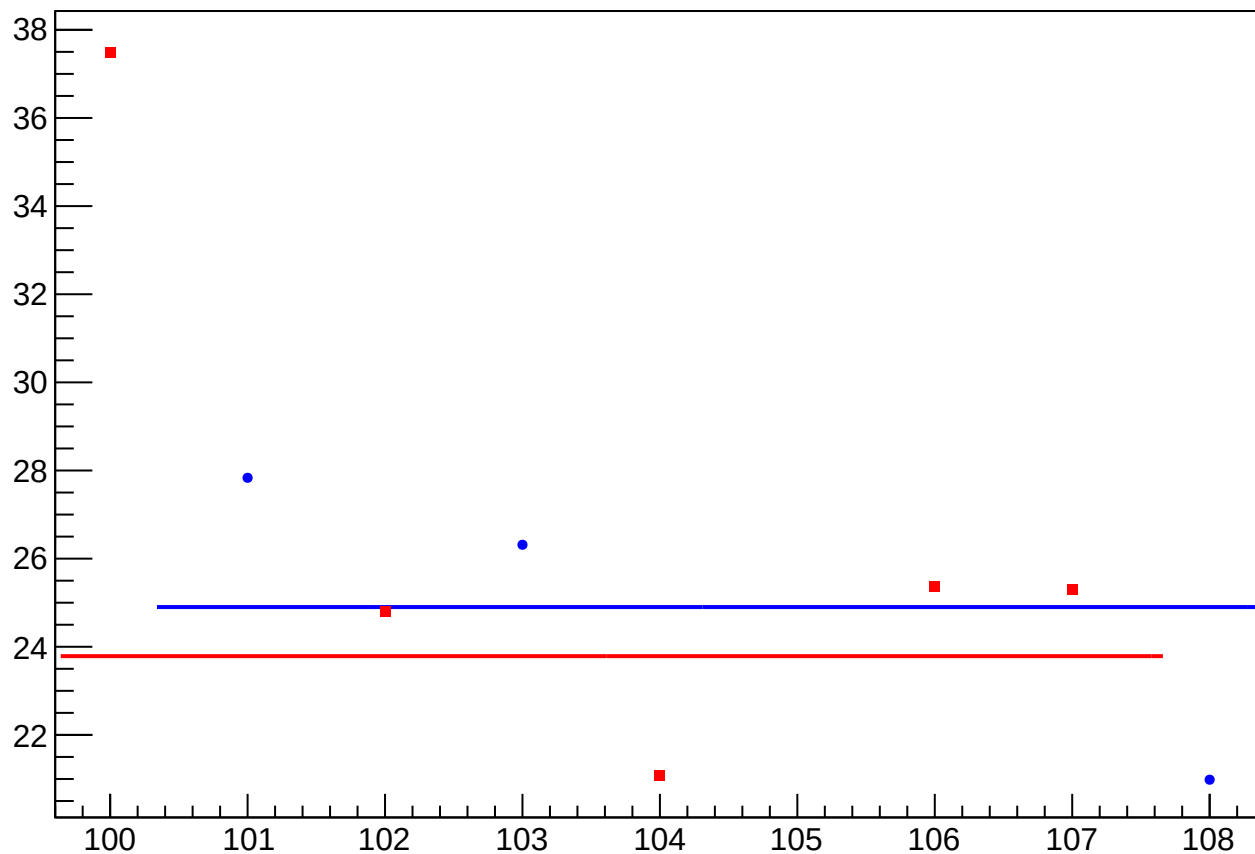
Right: 0.020 $\pm$ 0.014 χ^2 /NDF: 4.4/7

In: 0.005 $\pm$ 0.021 χ^2 /NDF:0.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.020 $\pm$ 0.014 χ^2 /NDF: 4.4/7

asym_us_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.901+/-0.015 χ^2/NDF : 39771.6/2

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

Right Out: 23.787+/-0.014 χ^2/NDF : 37157.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

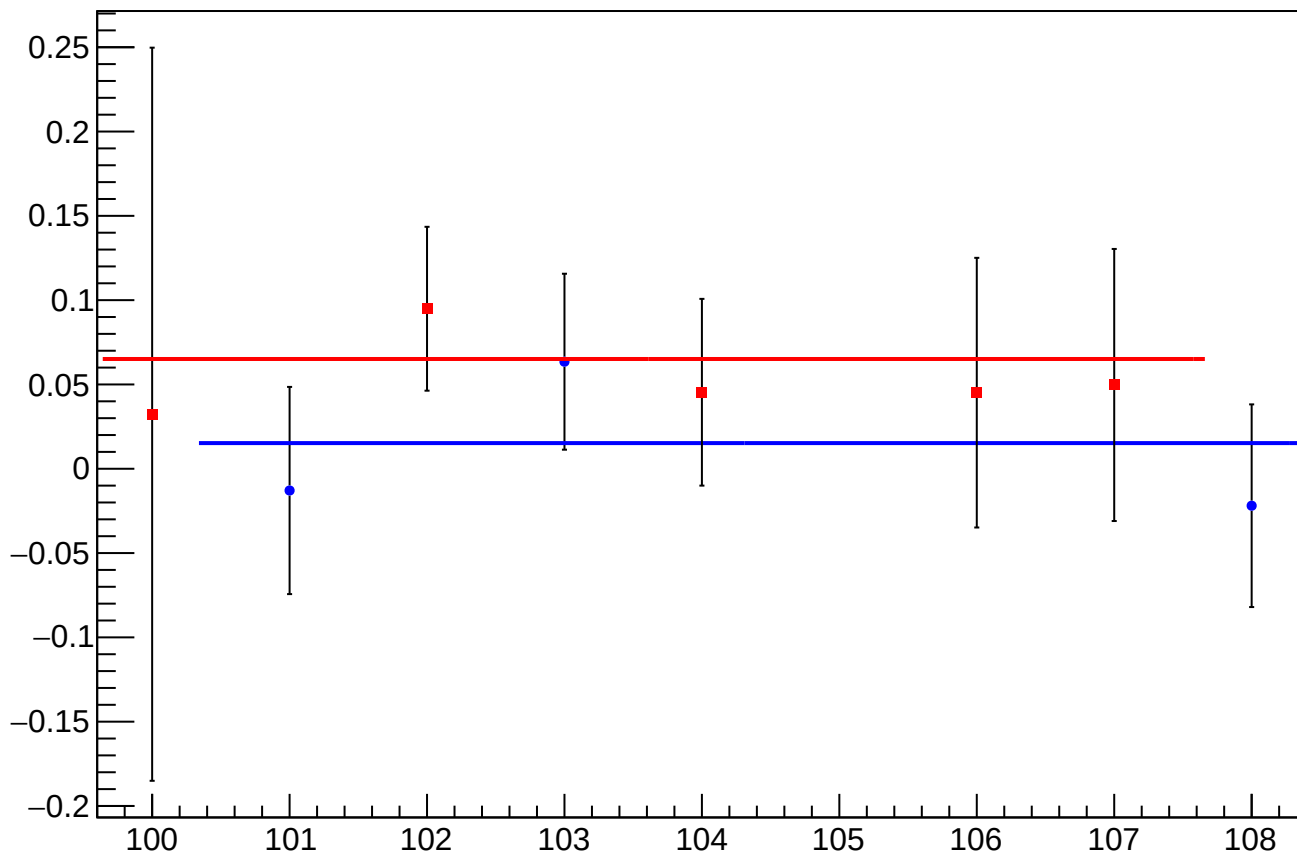
Right: 24.296+/-0.010 χ^2/NDF : 80006.6/7

In: 24.901+/-0.015 χ^2/NDF : 39771.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.296+/-0.010 χ^2/NDF : 80006.6/7

asym_us_dd_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.033 χ^2/NDF : 1.4/2

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

Right Out: 0.065+/-0.030 χ^2/NDF : 0.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

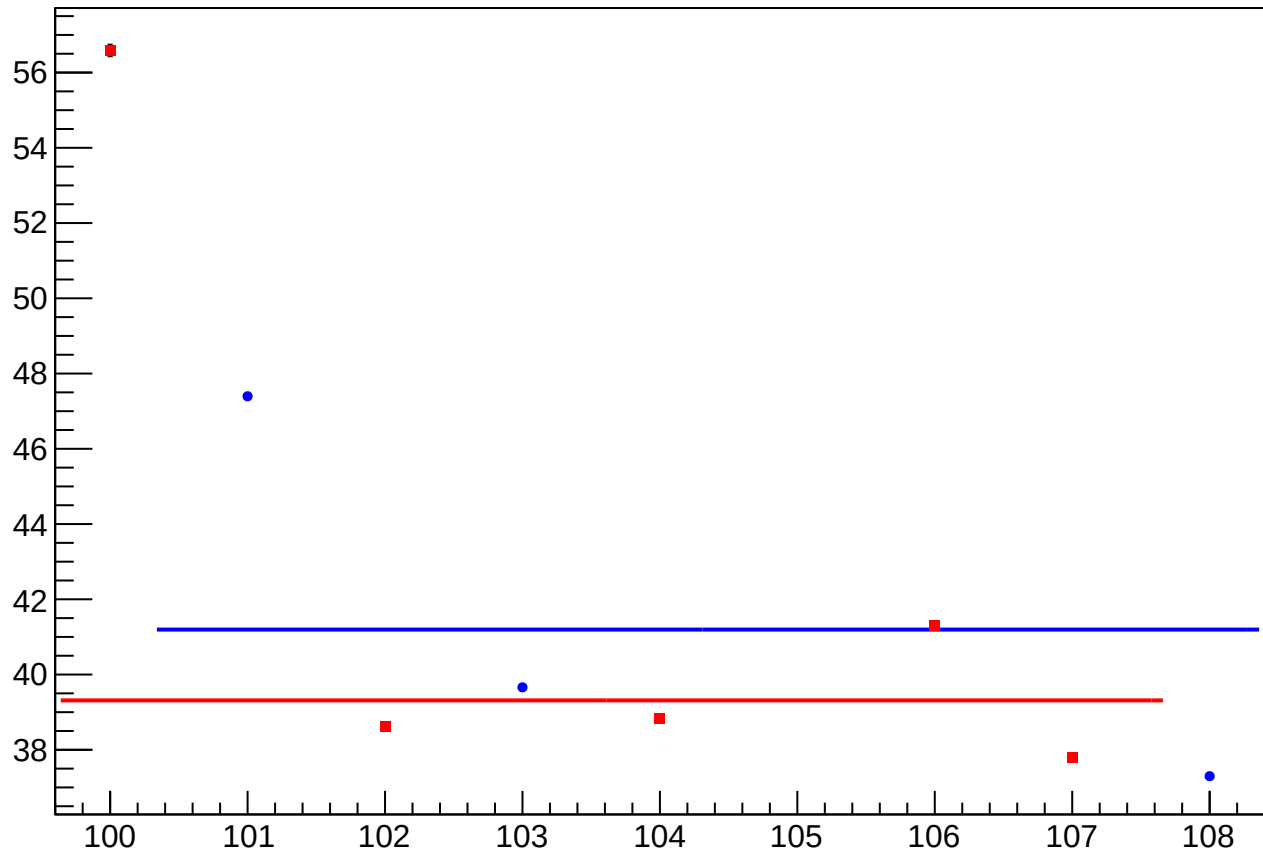
Right: 0.042+/-0.022 χ^2/NDF : 3.3/7

In: 0.015+/-0.033 χ^2/NDF : 1.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.042+/-0.022 χ^2/NDF : 3.3/7

asym_us_dd_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.195+/-0.023 χ^2/NDF : 30507.4/2

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

Right Out: 39.313+/-0.022 χ^2/NDF : 15108.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

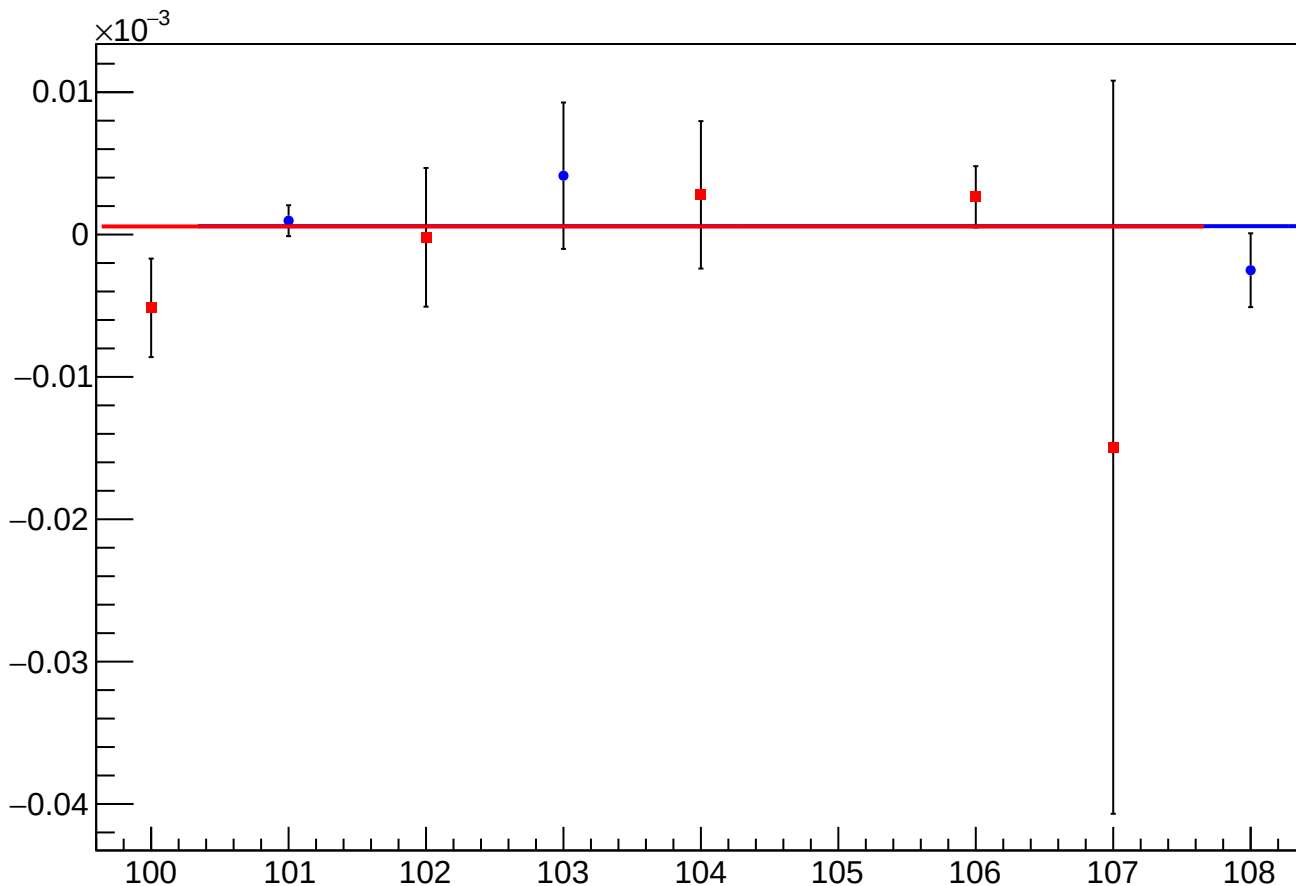
Right: 40.173+/-0.016 χ^2/NDF : 49113.6/7

In: 41.195+/-0.023 χ^2/NDF : 30507.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.173+/-0.016 χ^2/NDF : 49113.6/7

asym_us_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.0/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 4.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

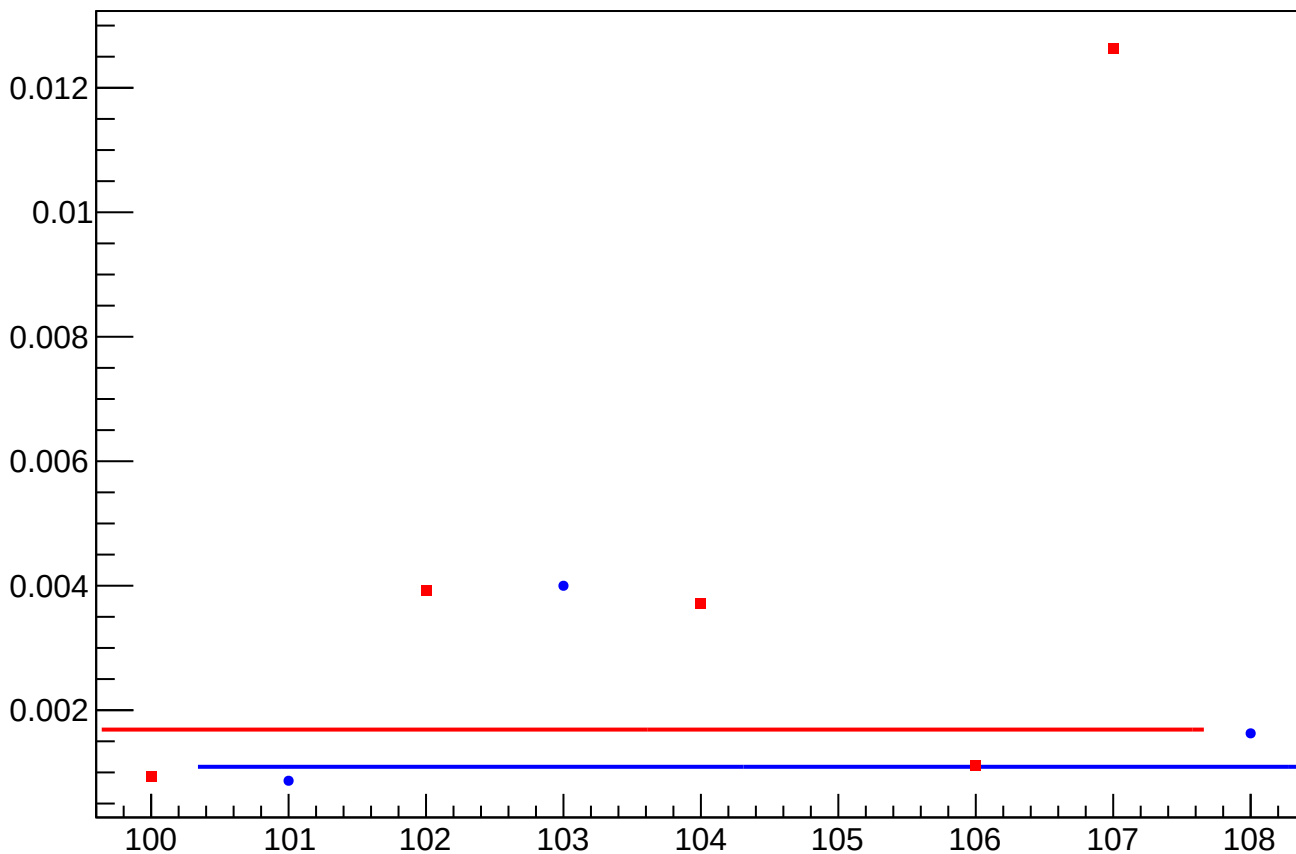
Right: 0.000+/-0.000 χ^2/NDF : 6.3/7

In: 0.000+/-0.000 χ^2/NDF : 2.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.3/7

asym_us_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 811393.6/2

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

Right Out: 0.002+/-0.000 χ^2/NDF : 1325552.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

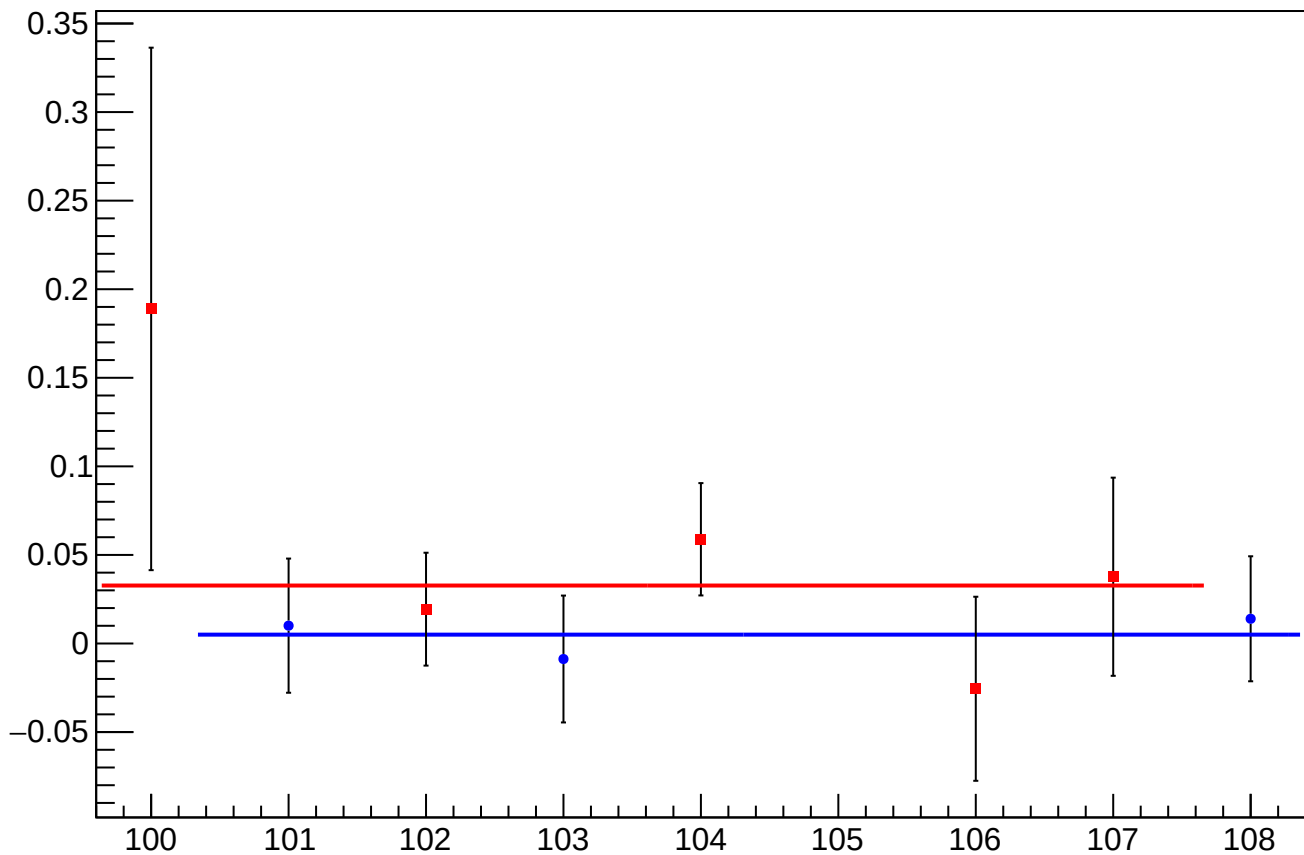
Right: 0.001+/-0.000 χ^2/NDF : 2335826.0/7

In: 0.001+/-0.000 χ^2/NDF : 811393.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2335826.0/7

asym_us_dd_eigen_dit_vs_slug, Sign Corrected



Right In: 0.005 $\pm$ 0.021 χ^2 /NDF: 0.2/2

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

Right Out: 0.033 $\pm$ 0.019 χ^2 /NDF: 3.2/4

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

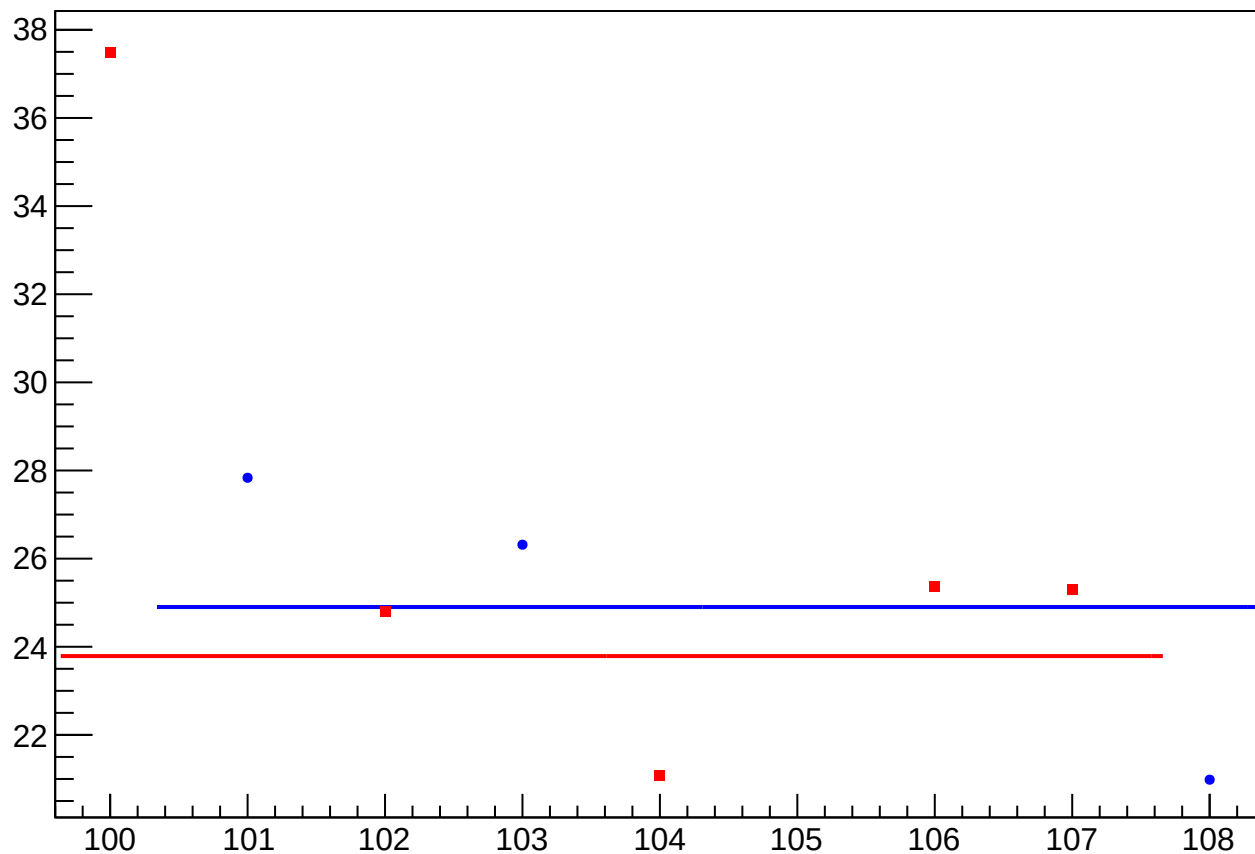
Right: 0.020 $\pm$ 0.014 χ^2 /NDF: 4.4/7

In: 0.005 $\pm$ 0.021 χ^2 /NDF: 0.2/2

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

All: 0.020 $\pm$ 0.014 χ^2 /NDF: 4.4/7

asym_us_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.902 $\pm$ 0.015 χ^2 /NDF: 39781.8/2

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

Right Out: 23.789 $\pm$ 0.014 χ^2 /NDF: 37151.8/4

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

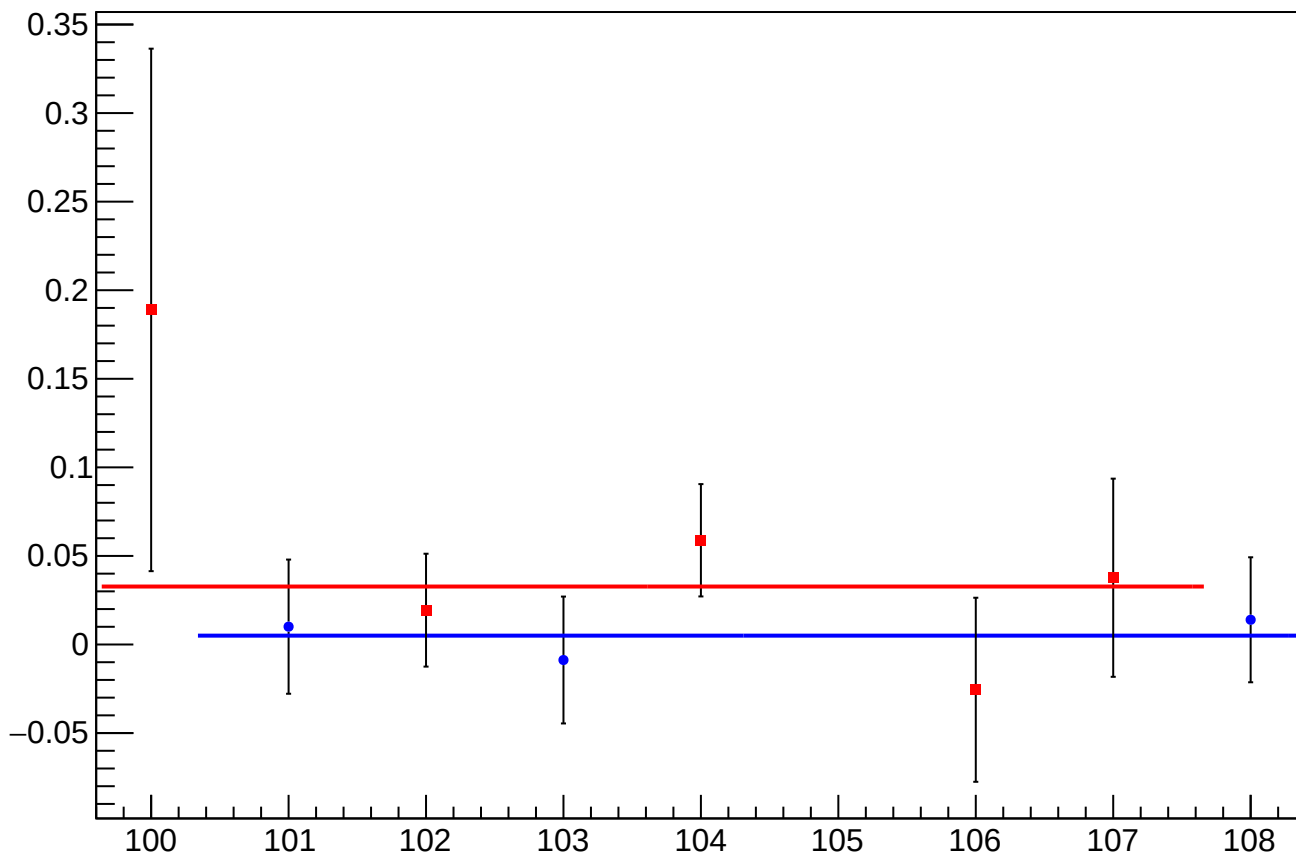
Right: 24.297 $\pm$ 0.010 χ^2 /NDF: 80005.4/7

In: 24.902 $\pm$ 0.015 χ^2 /NDF:39781.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 24.297 $\pm$ 0.010 χ^2 /NDF: 80005.4/7

asym_us_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.021 χ^2 /NDF: 0.2/2

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

Right Out: 0.033 $\pm$ 0.019 χ^2 /NDF: 3.2/4

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

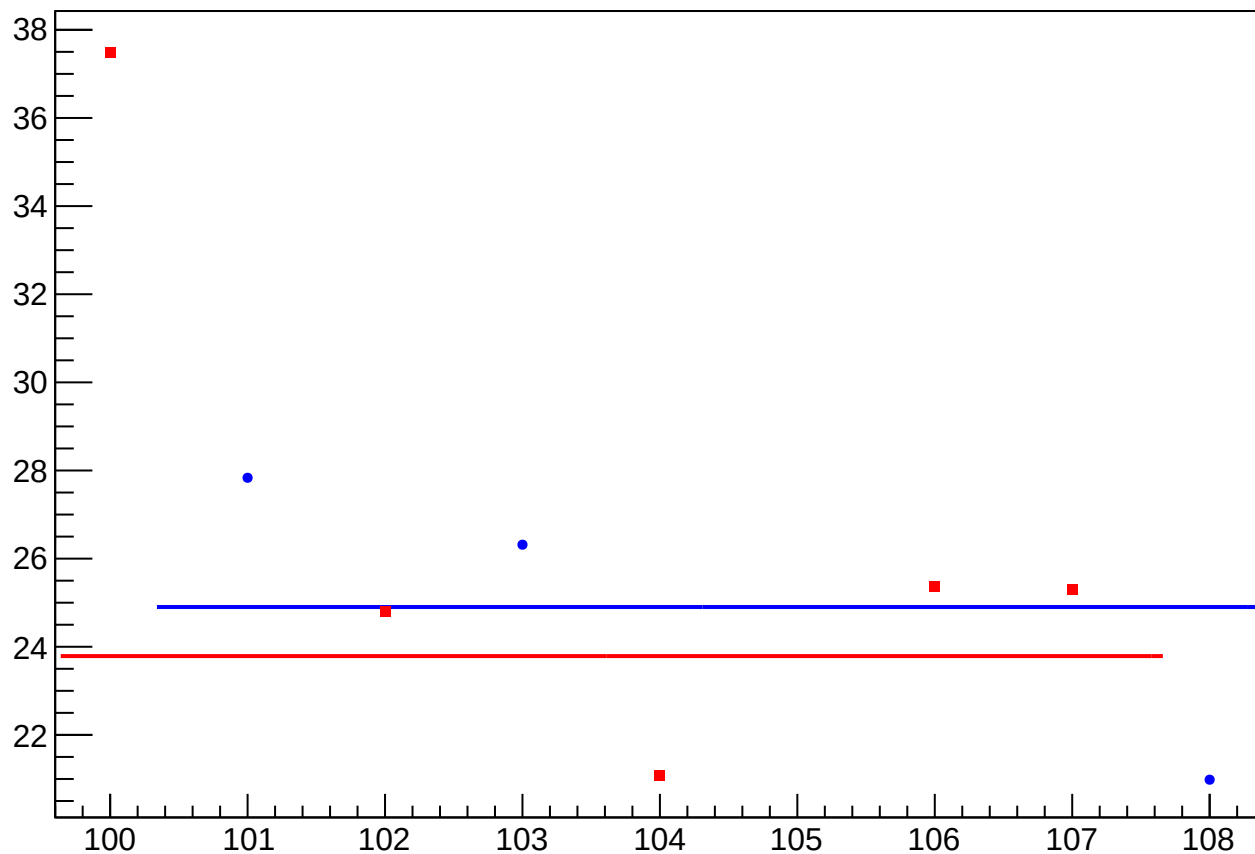
Right: 0.020 $\pm$ 0.014 χ^2 /NDF: 4.4/7

In: 0.005 $\pm$ 0.021 χ^2 /NDF:0.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.020 $\pm$ 0.014 χ^2 /NDF: 4.4/7

asym_us_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.902 $\pm$ 0.015 χ^2 /NDF: 39781.8/2

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

Right Out: 23.789 $\pm$ 0.014 χ^2 /NDF: 37151.8/4

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

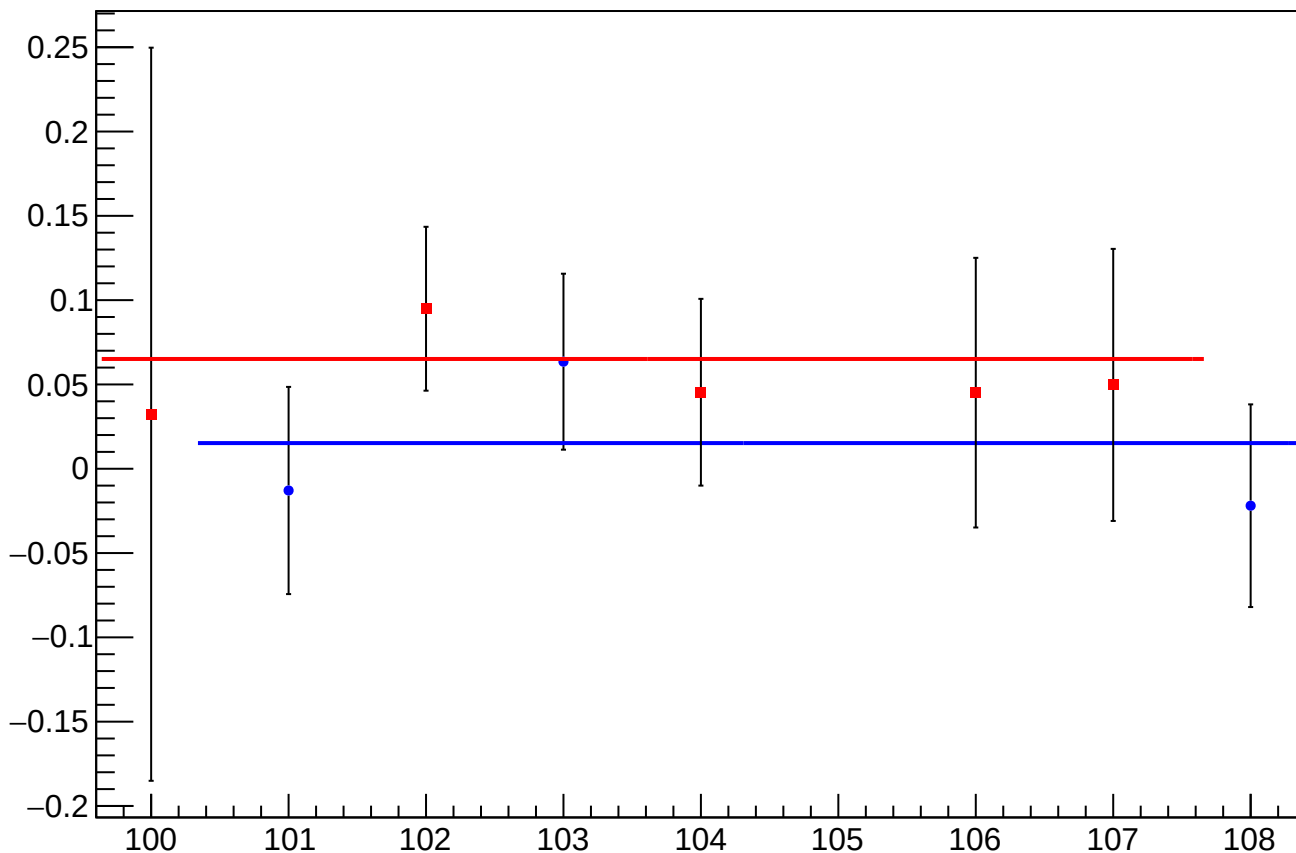
Right: 24.297 $\pm$ 0.010 χ^2 /NDF: 80005.4/7

In: 24.902 $\pm$ 0.015 χ^2 /NDF:39781.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 24.297 $\pm$ 0.010 χ^2 /NDF: 80005.4/7

asym_us_dd_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.033 χ^2 /NDF: 1.4/2

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

Right Out: 0.065 $\pm$ 0.030 χ^2 /NDF: 0.6/4

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

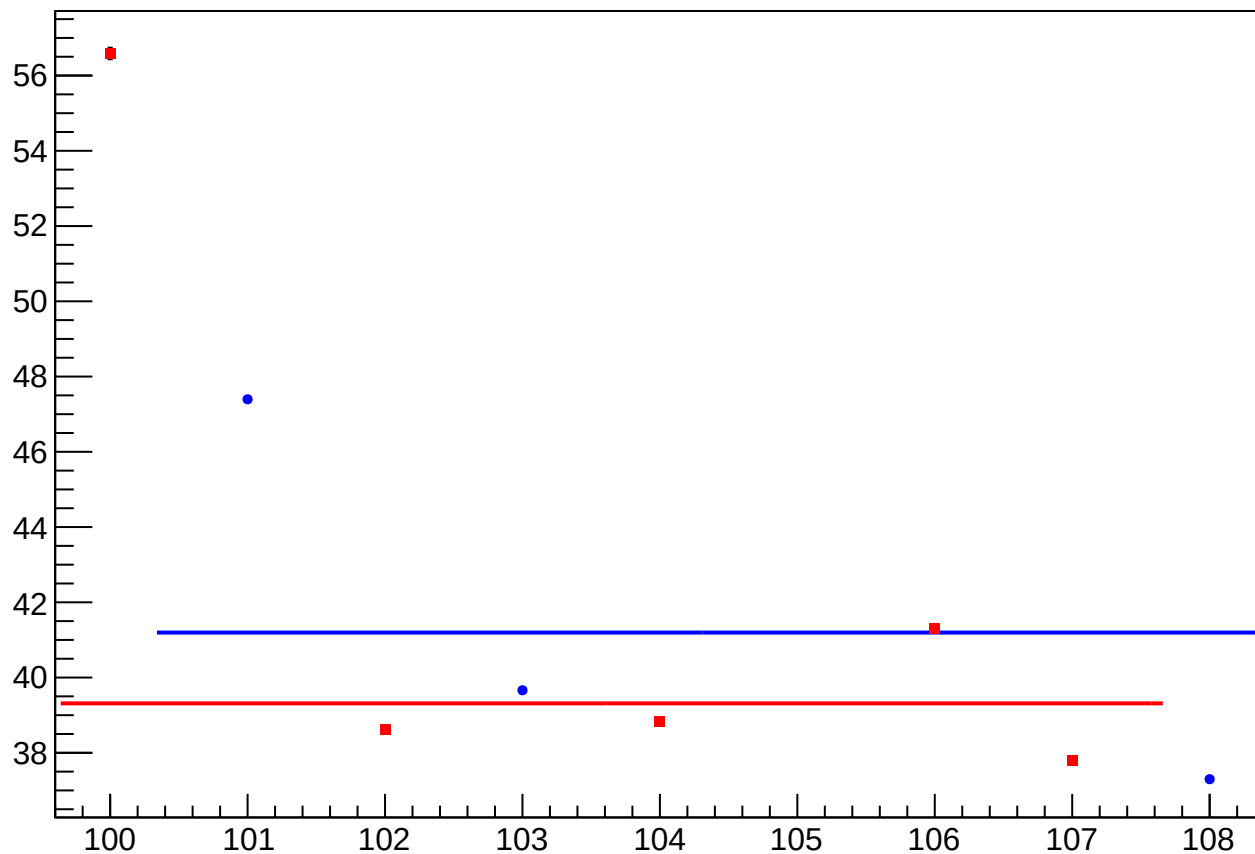
Right: 0.042 $\pm$ 0.022 χ^2 /NDF: 3.3/7

In: 0.015 $\pm$ 0.033 χ^2 /NDF:1.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.042 $\pm$ 0.022 χ^2 /NDF: 3.3/7

asym_us_dd_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.196+/-0.023 χ^2/NDF : 30504.9/2

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

Right Out: 39.314+/-0.022 χ^2/NDF : 15107.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

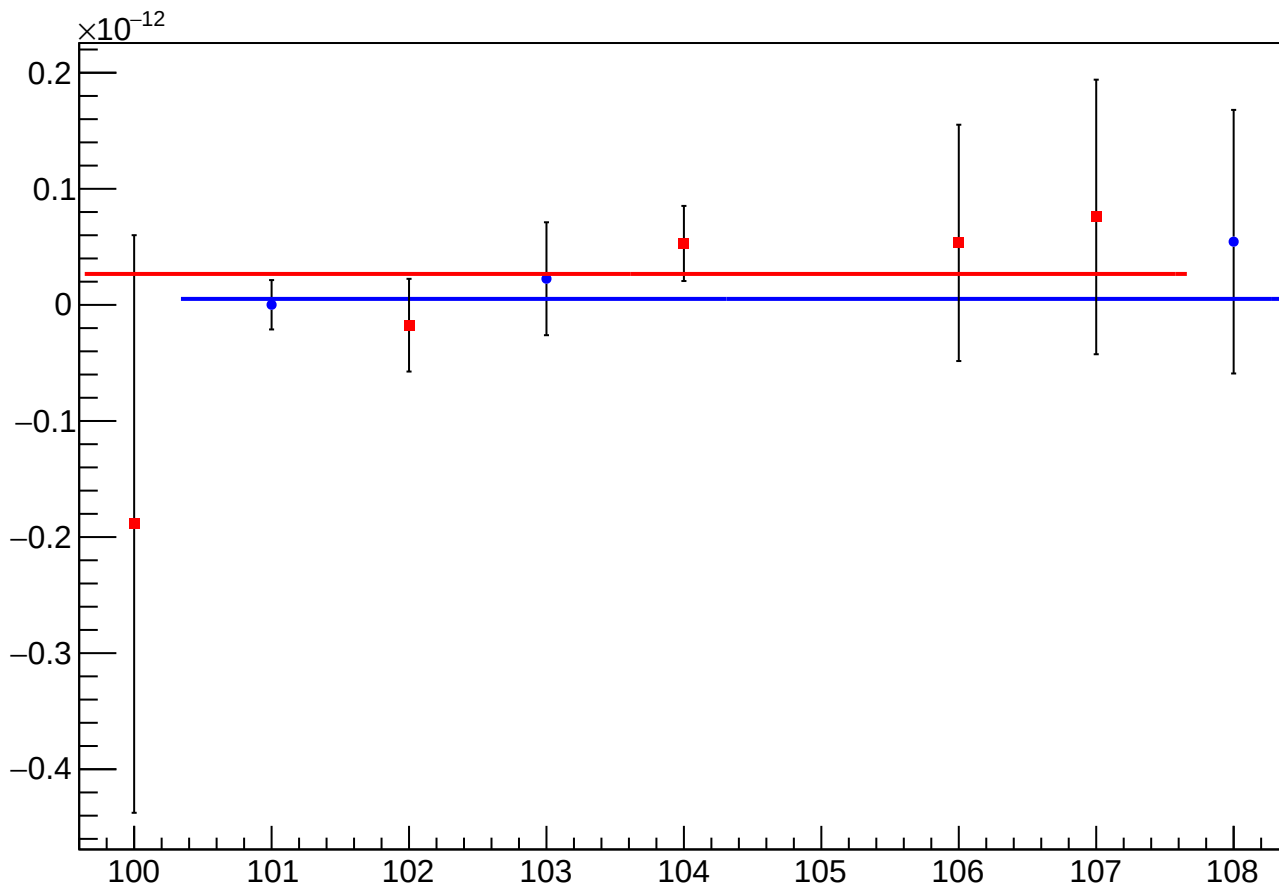
Right: 40.174+/-0.016 χ^2/NDF : 49109.4/7

In: 41.196+/-0.023 χ^2/NDF : 30504.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.174+/-0.016 χ^2/NDF : 49109.4/7

asym_us_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.4/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

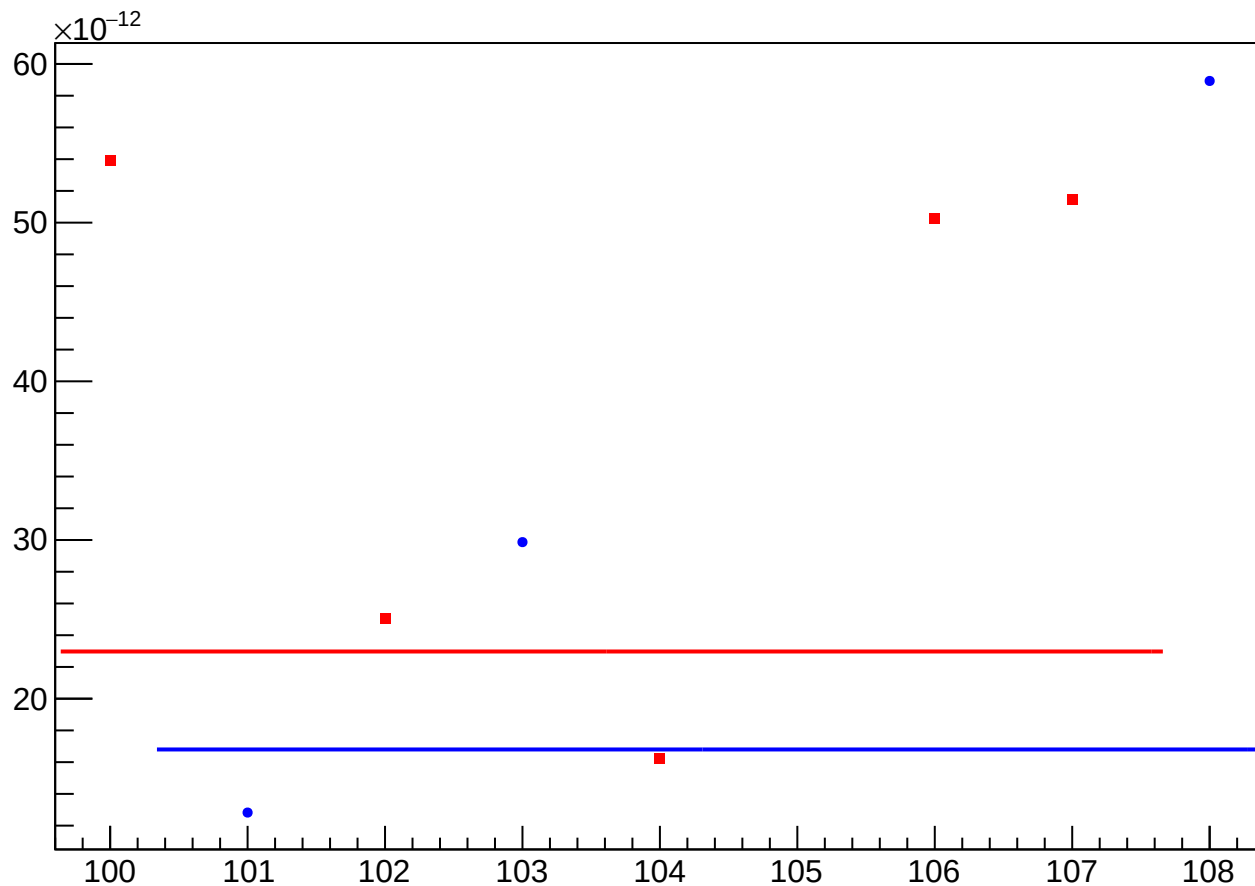
Right: 0.000+/-0.000 χ^2/NDF : 3.7/7

In: 0.000+/-0.000 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.7/7

asym_us_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 489668.4/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 383598.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

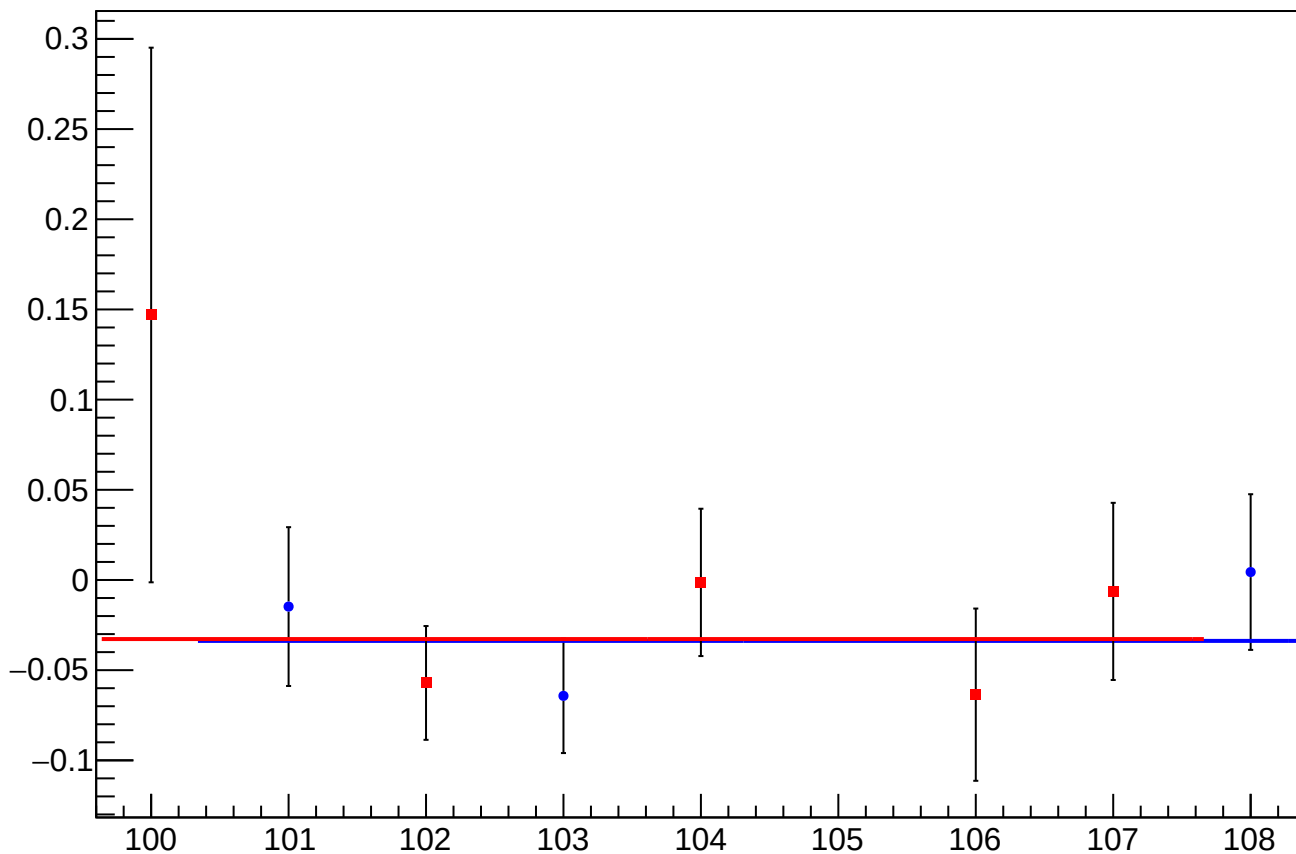
Right: 0.000+/-0.000 χ^2/NDF : 954831.7/7

In: 0.000+/-0.000 χ^2/NDF : 489668.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 954831.7/7

asym_us_dd_overload_cor_vs_slug_sign_corrected



Right In: -0.034+/-0.022 χ^2/NDF : 1.9/2

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

Right Out: -0.033+/-0.020 χ^2/NDF : 3.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

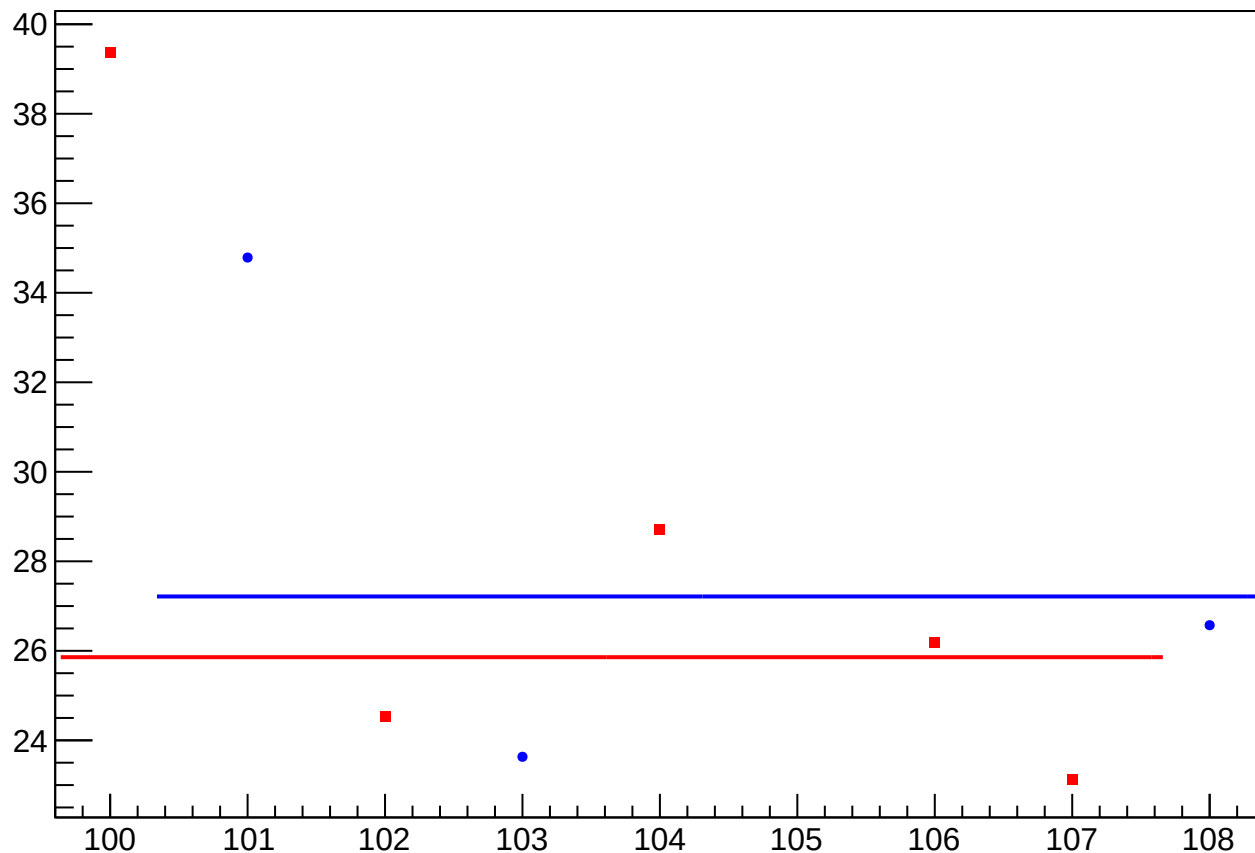
Right: -0.033+/-0.015 χ^2/NDF : 5.3/7

In: -0.034+/-0.022 χ^2/NDF : 1.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.033+/-0.015 χ^2/NDF : 5.3/7

asym_us_dd_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.214+/-0.016 χ^2/NDF : 85131.5/2

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

Right Out: 25.858+/-0.014 χ^2/NDF : 36130.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

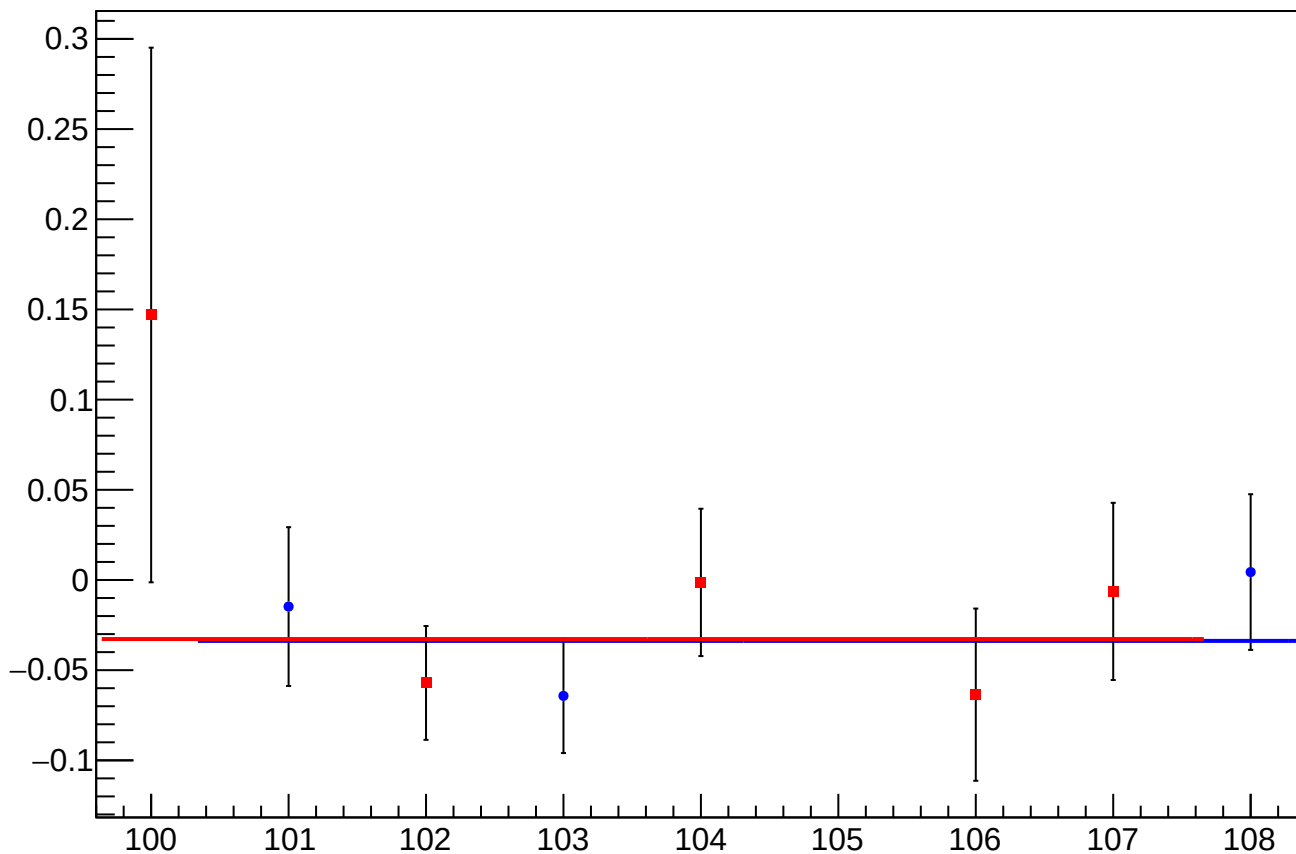
Right: 26.468+/-0.010 χ^2/NDF : 125406.0/7

In: 27.214+/-0.016 χ^2/NDF : 85131.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.468+/-0.010 χ^2/NDF : 125406.0/7

asym_us_dd_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.034 $\pm$ 0.022 χ^2 /NDF: 1.9/2

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

Right Out: -0.033 $\pm$ 0.020 χ^2 /NDF: 3.4/4

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

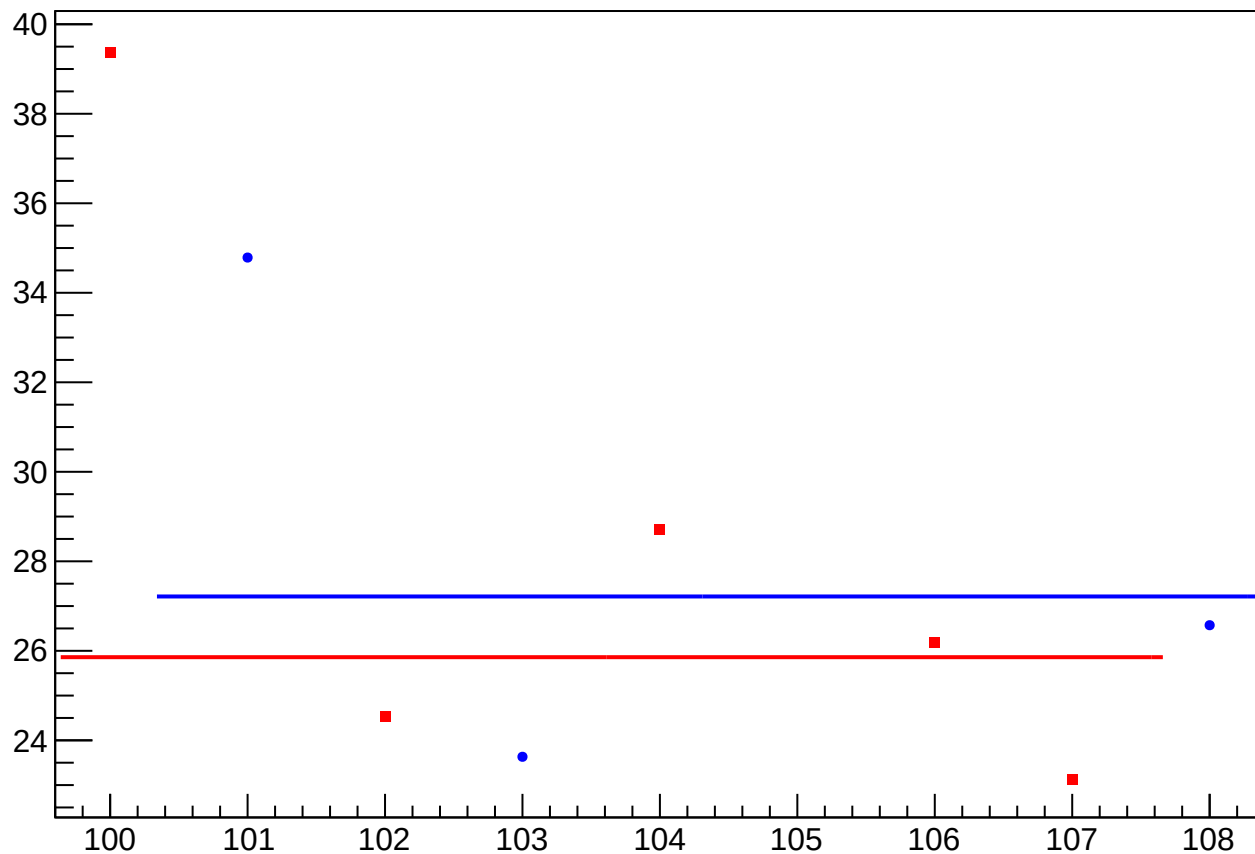
Right: -0.033 $\pm$ 0.015 χ^2 /NDF: 5.3/7

In: -0.034 $\pm$ 0.022 χ^2 /NDF:1.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.033 $\pm$ 0.015 χ^2 /NDF: 5.3/7

asym_us_dd_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.214+/-0.016 χ^2/NDF : 85131.5/2

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

Right Out: 25.858+/-0.014 χ^2/NDF : 36130.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

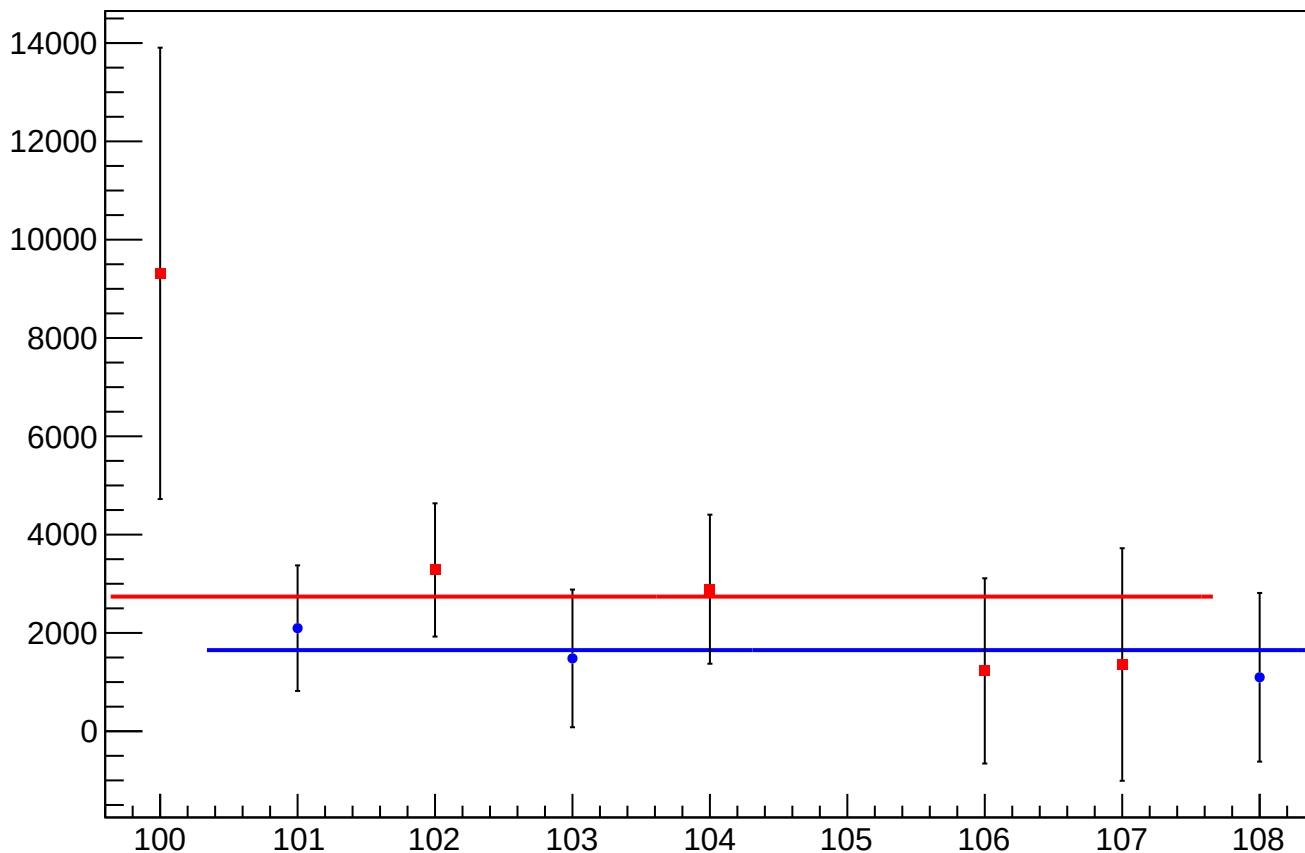
Right: 26.468+/-0.010 χ^2/NDF : 125406.0/7

In: 27.214+/-0.016 χ^2/NDF : 85131.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.468+/-0.010 χ^2/NDF : 125406.0/7

reg_asym_usl_mean vs Slug, Sign Corrected



Right In: 1650.394+/-826.882 χ^2/NDF : 0.2/2

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

Right Out: 2738.991+/-820.040 χ^2/NDF : 3.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

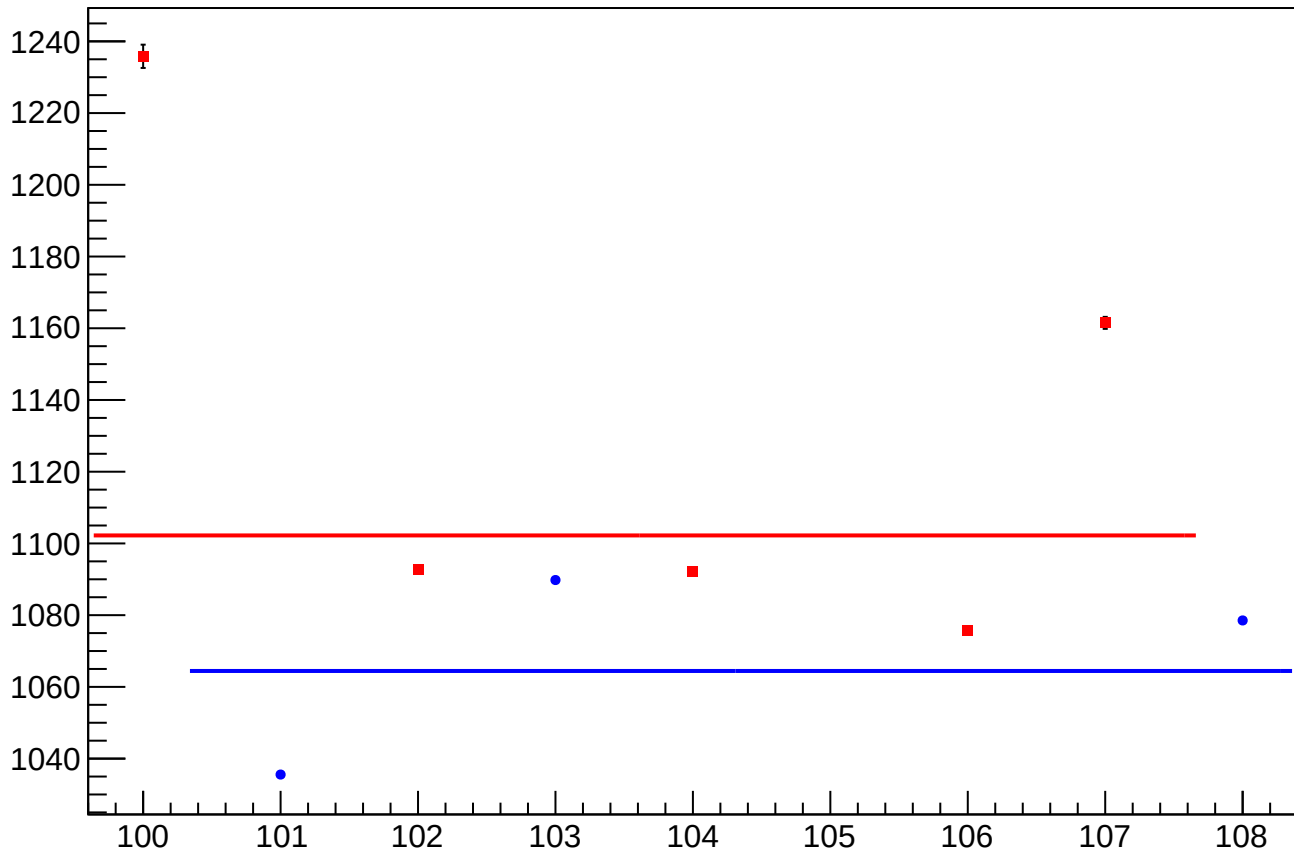
Right: 2199.216+/-582.260 χ^2/NDF : 4.3/7

In: 1650.394+/-826.882 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2199.216+/-582.260 χ^2/NDF : 4.3/7

reg_asym_usl_rms vs Slug, Sign Corrected



Right In: 1064.439+/-0.585 χ^2/NDF : 1813.5/2

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

Right Out: 1102.232+/-0.580 χ^2/NDF : 3527.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

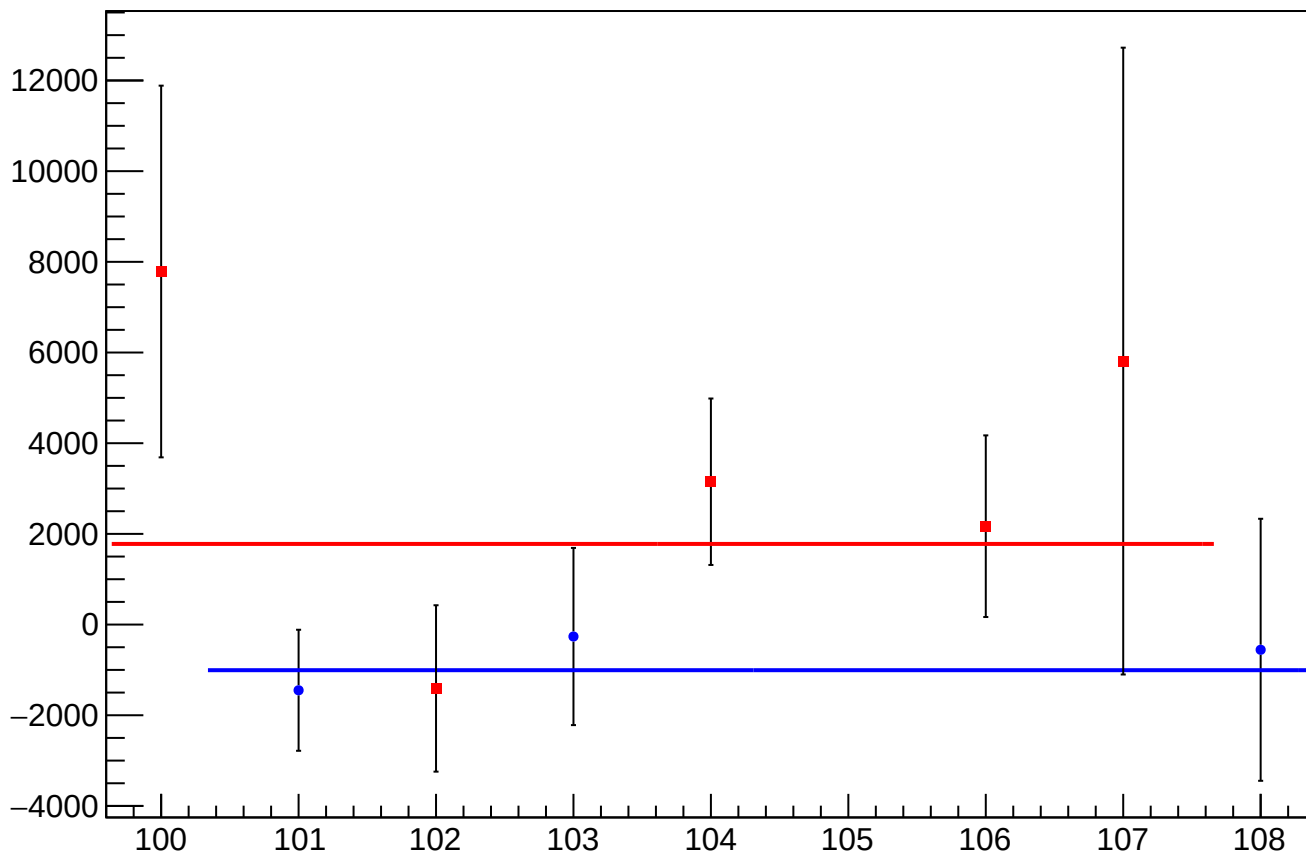
Right: 1083.493+/-0.412 χ^2/NDF : 7447.7/7

In: 1064.439+/-0.585 χ^2/NDF : 1813.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1083.493+/-0.412 χ^2/NDF : 7447.7/7

asym_usl_reg_correction_mean vs Slug, Sign Corrected



Right In: -1006.313+/-1029.785 χ^2/NDF : 0.3/2

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

Right Out: 1778.525+/-1040.581 χ^2/NDF : 6.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

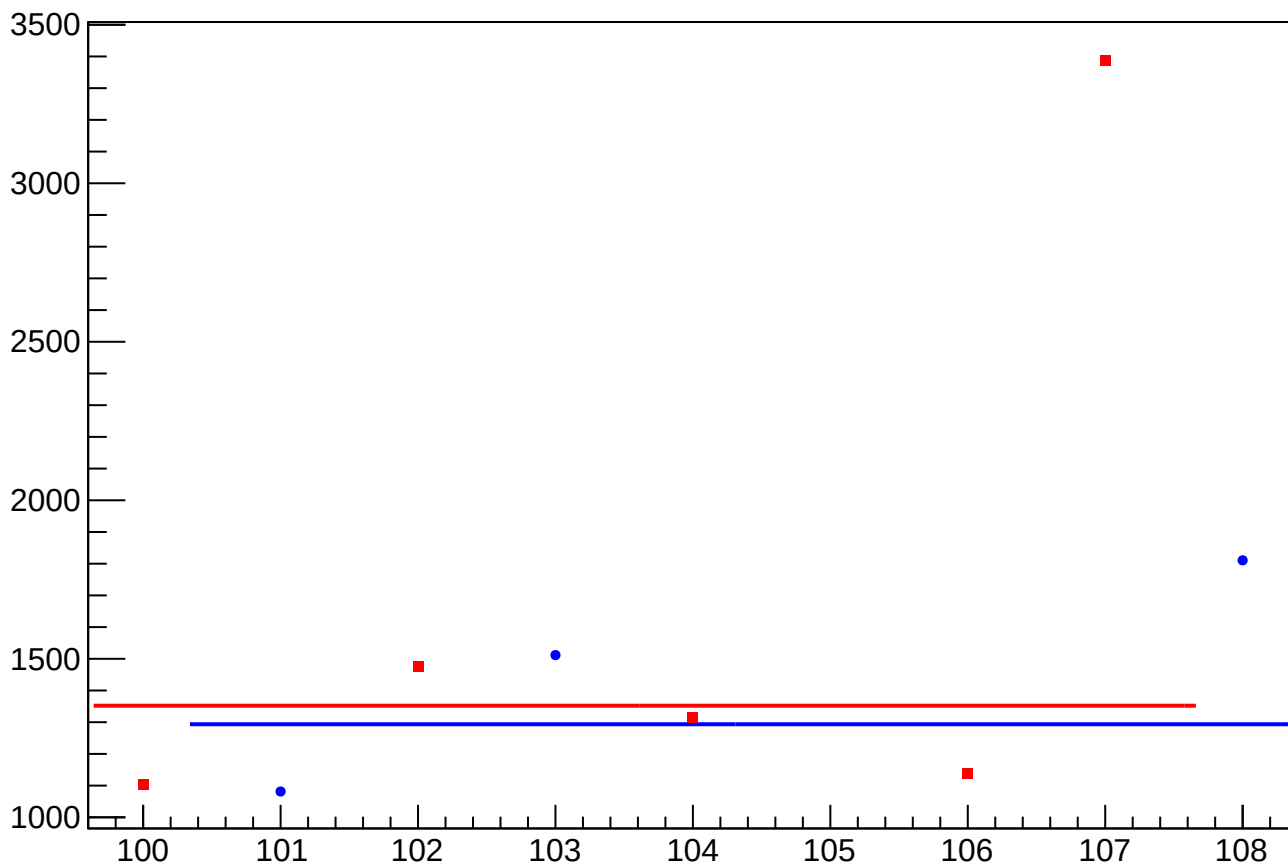
Right: 371.585+/-731.955 χ^2/NDF : 10.0/7

In: -1006.313+/-1029.785 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 371.585+/-731.955 χ^2/NDF : 10.0/7

asym_usl_reg_correction_rms vs Slug, Sign Corrected



Right In: 1293.567+/-0.728 χ^2/NDF : 139507.3/2

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

Right Out: 1352.019+/-0.736 χ^2/NDF : 213476.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

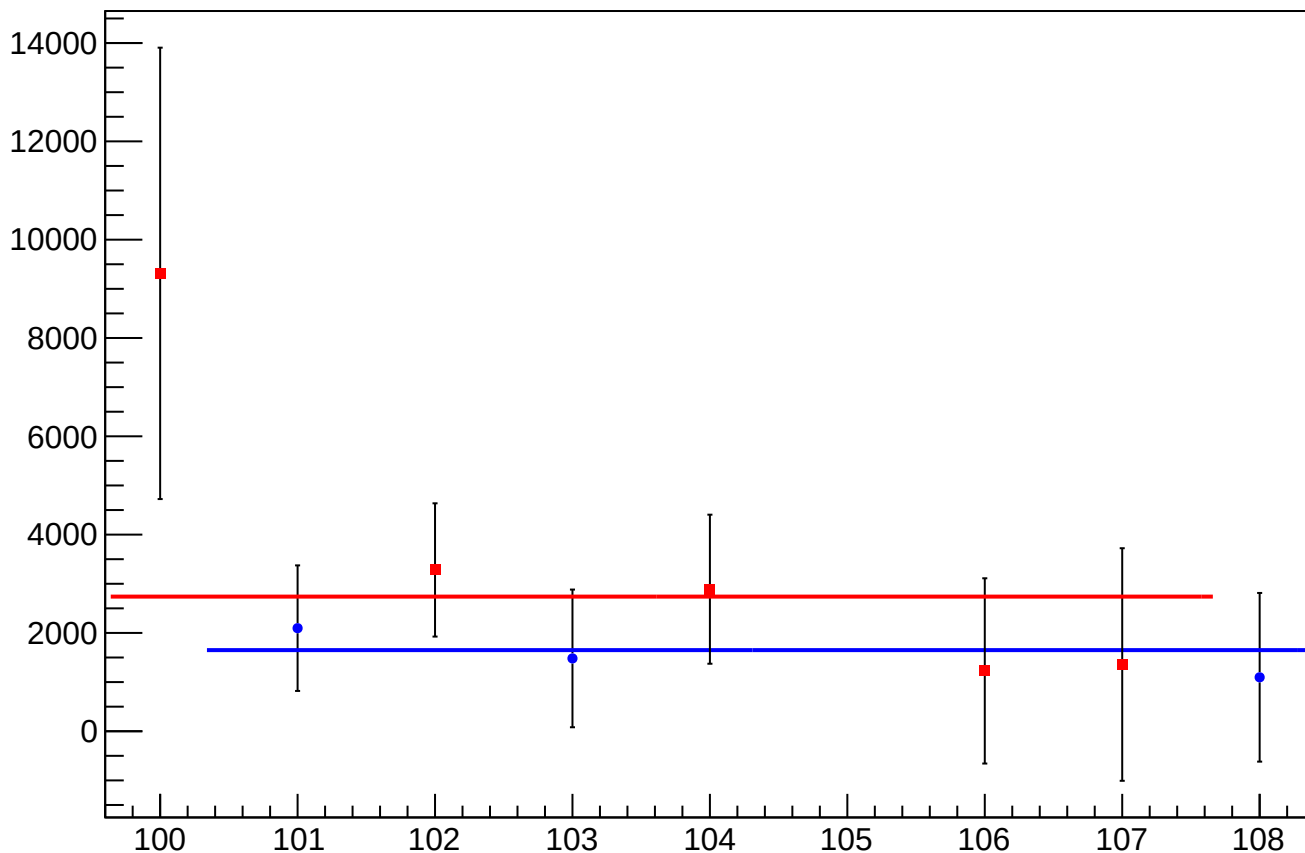
Right: 1322.488+/-0.518 χ^2/NDF : 356171.9/7

In: 1293.567+/-0.728 χ^2/NDF : 139507.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1322.488+/-0.518 χ^2/NDF : 356171.9/7

cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 1650.394+/-826.882 χ^2/NDF : 0.2/2

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

Right Out: 2738.991+/-820.040 χ^2/NDF : 3.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

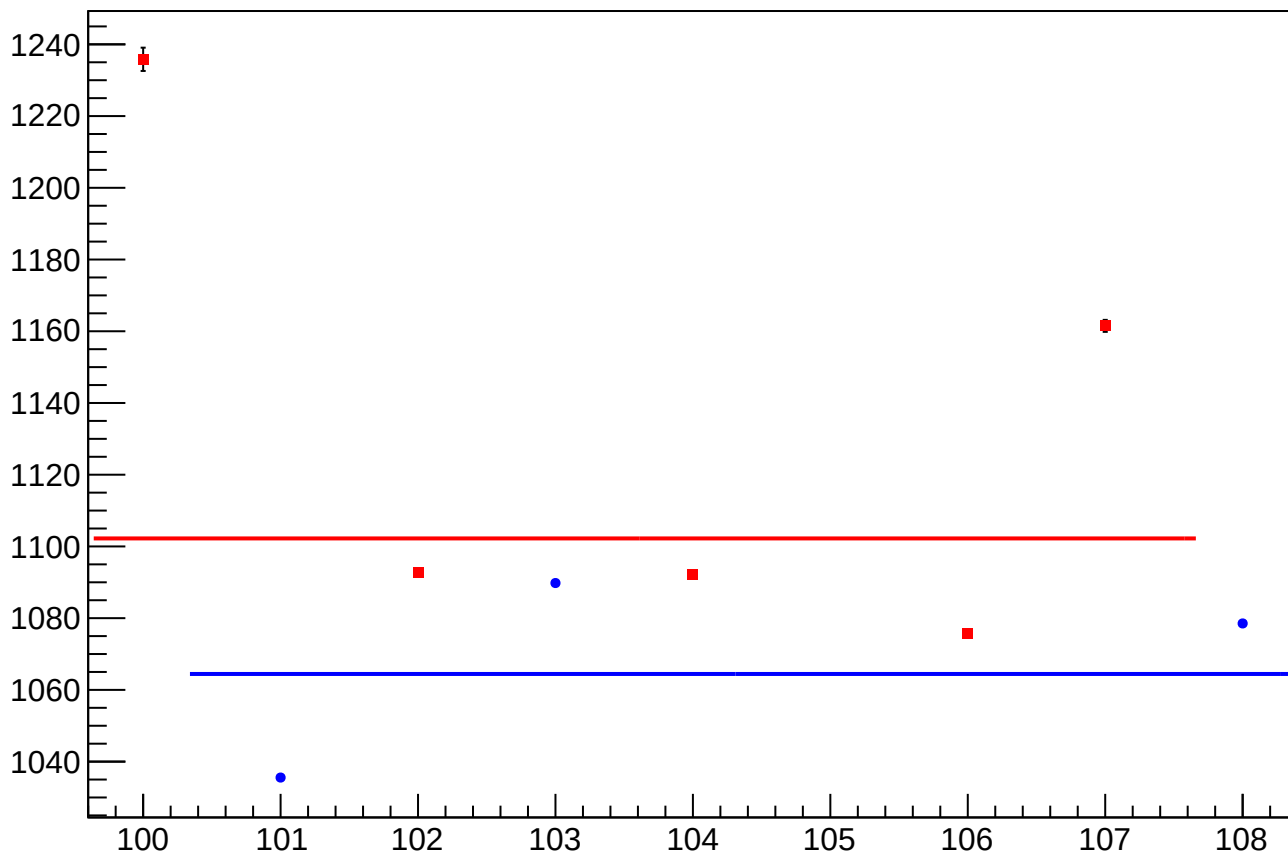
Right: 2199.216+/-582.260 χ^2/NDF : 4.3/7

In: 1650.394+/-826.882 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2199.216+/-582.260 χ^2/NDF : 4.3/7

cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1064.439+/-0.585 χ^2/NDF : 1813.5/2

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

Right Out: 1102.232+/-0.580 χ^2/NDF : 3527.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

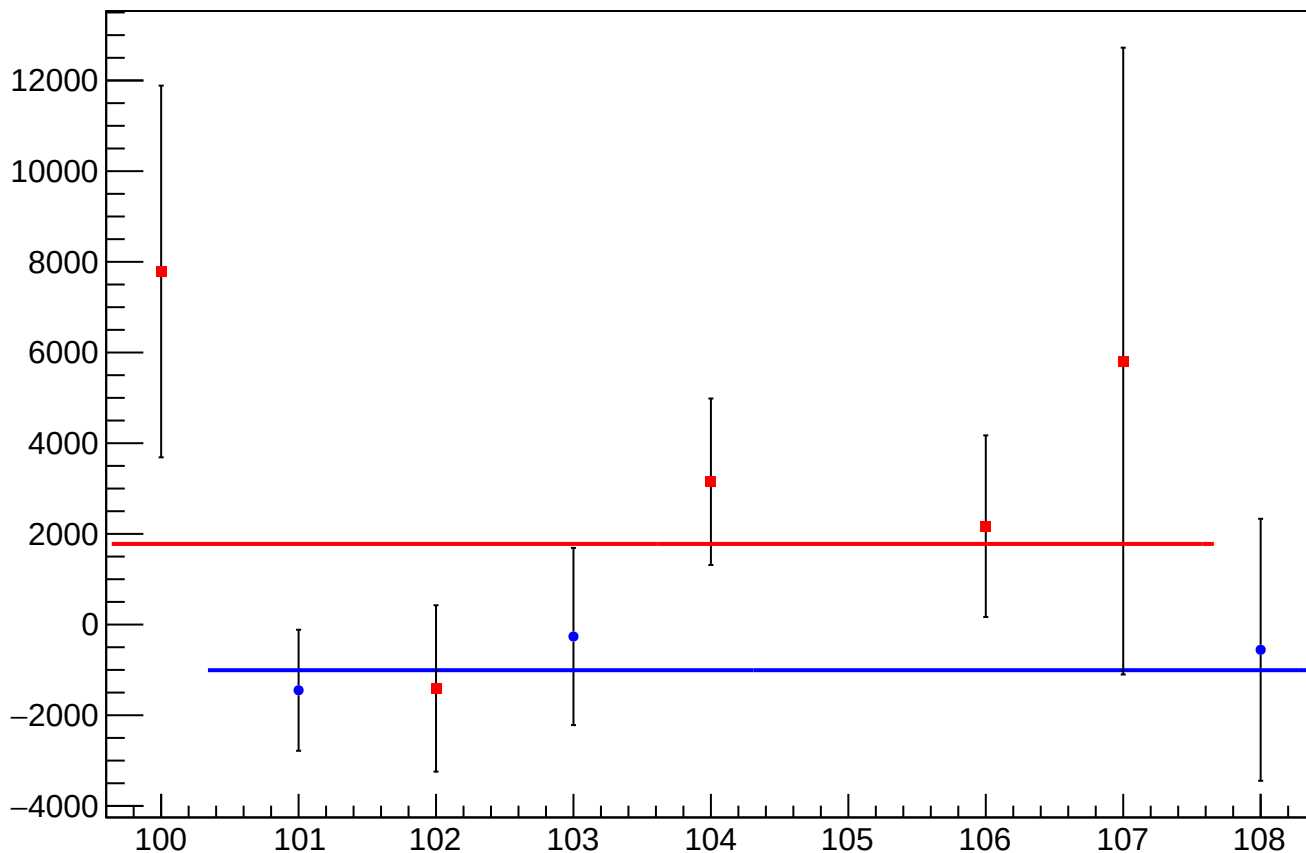
Right: 1083.493+/-0.412 χ^2/NDF : 7447.7/7

In: 1064.439+/-0.585 χ^2/NDF : 1813.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1083.493+/-0.412 χ^2/NDF : 7447.7/7

asym_usl_cor_correction_mean vs Slug, Sign Corrected



Right In: -1006.313+/-1029.785 χ^2/NDF : 0.3/2

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

Right Out: 1778.525+/-1040.581 χ^2/NDF : 6.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

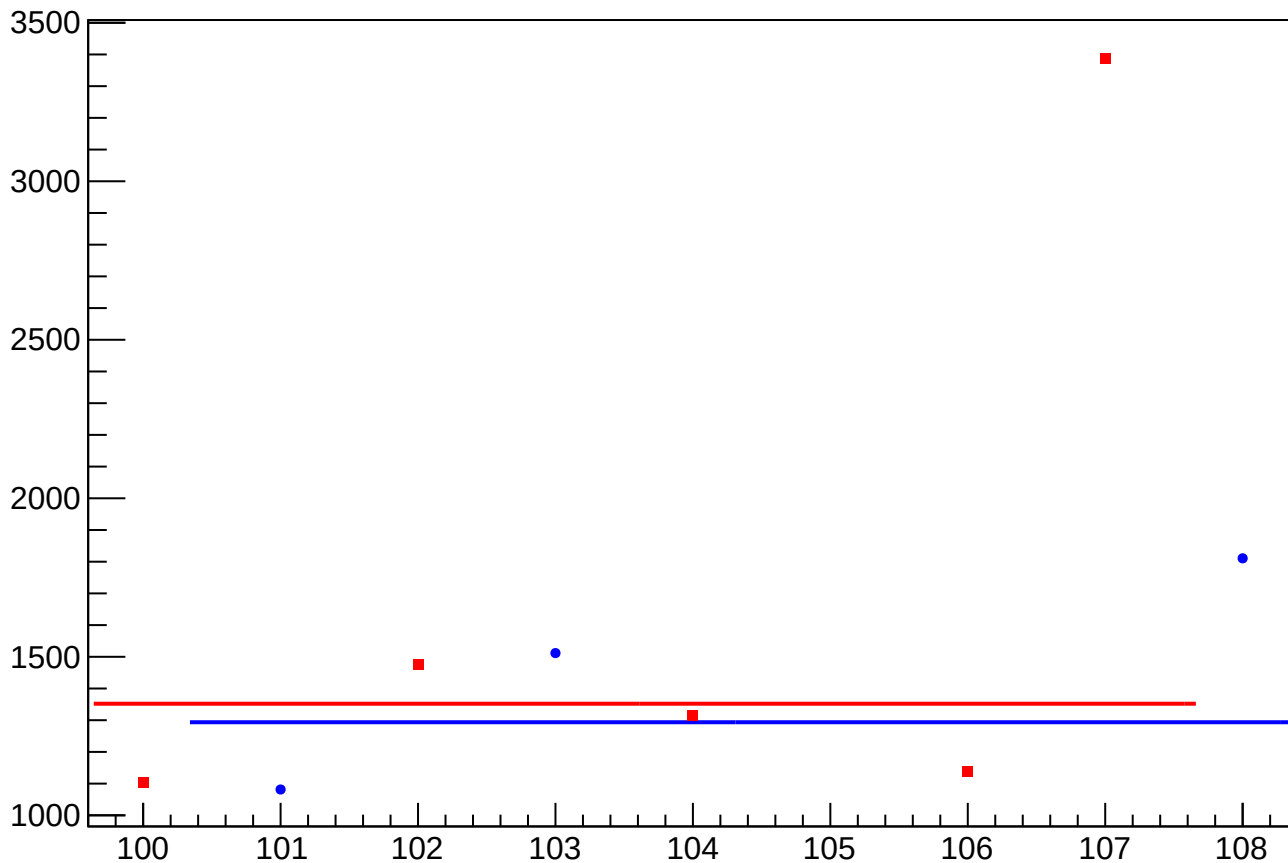
Right: 371.585+/-731.955 χ^2/NDF : 10.0/7

In: -1006.313+/-1029.785 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 371.585+/-731.955 χ^2/NDF : 10.0/7

asym_usl_cor_correction_rms vs Slug, Sign Corrected



Right In: 1293.567+/-0.728 χ^2/NDF : 139507.3/2

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

Right Out: 1352.019+/-0.736 χ^2/NDF : 213476.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

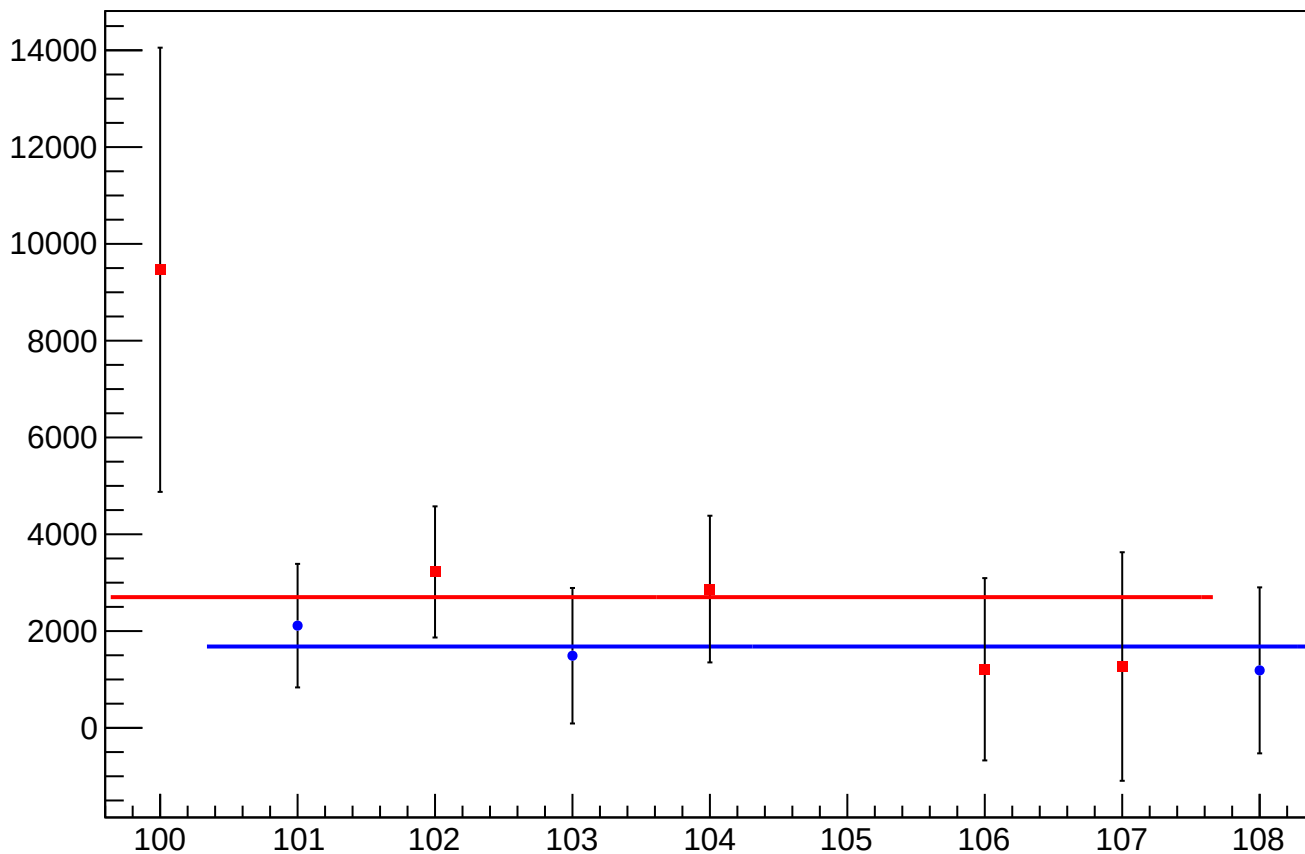
Right: 1322.488+/-0.518 χ^2/NDF : 356171.9/7

In: 1293.567+/-0.728 χ^2/NDF : 139507.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1322.488+/-0.518 χ^2/NDF : 356171.9/7

overload_cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 1681.006+/-826.450 χ^2/NDF : 0.2/2

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

Right Out: 2701.439+/-819.511 χ^2/NDF : 3.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

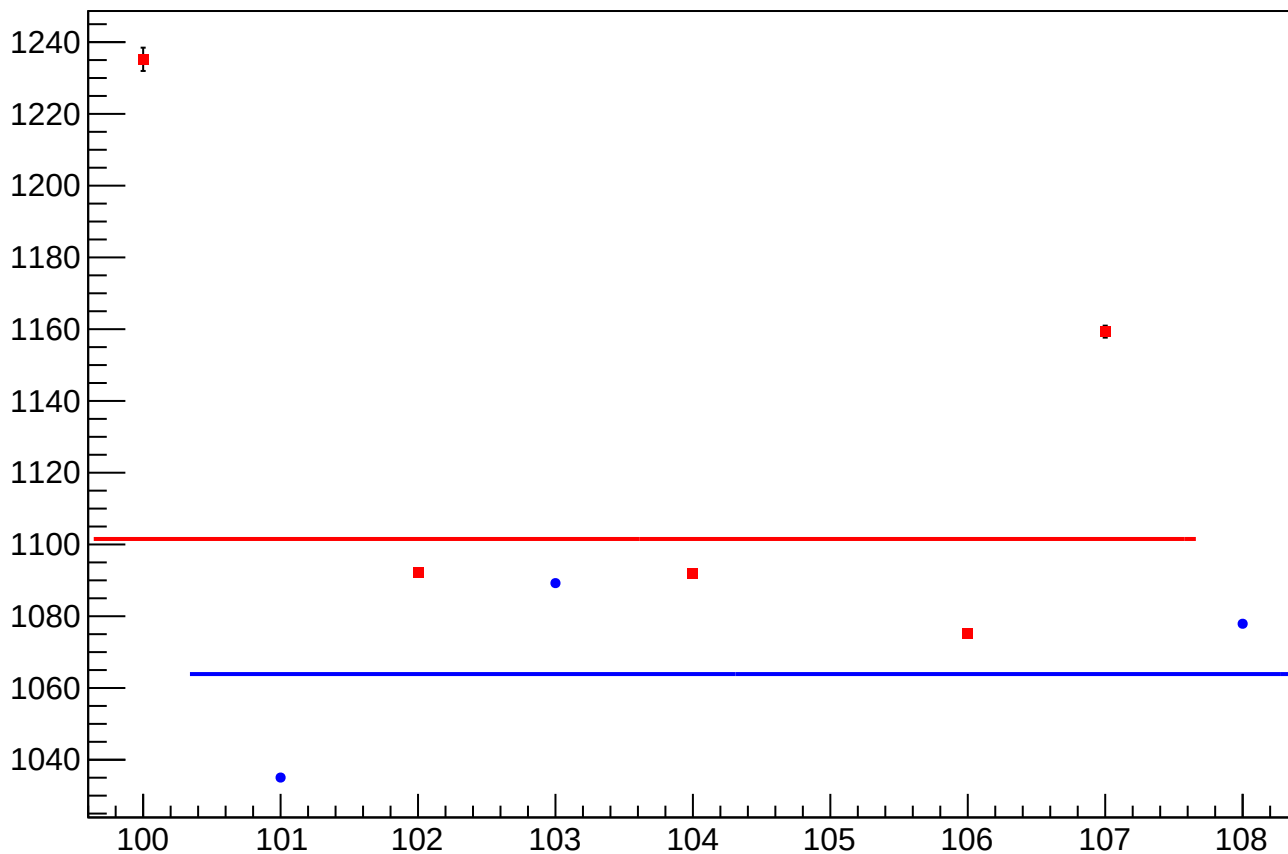
Right: 2195.525+/-581.920 χ^2/NDF : 4.3/7

In: 1681.006+/-826.450 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2195.525+/-581.920 χ^2/NDF : 4.3/7

overload_cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1063.883+/-0.584 χ^2/NDF : 1810.7/2

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

Right Out: 1101.531+/-0.579 χ^2/NDF : 3462.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

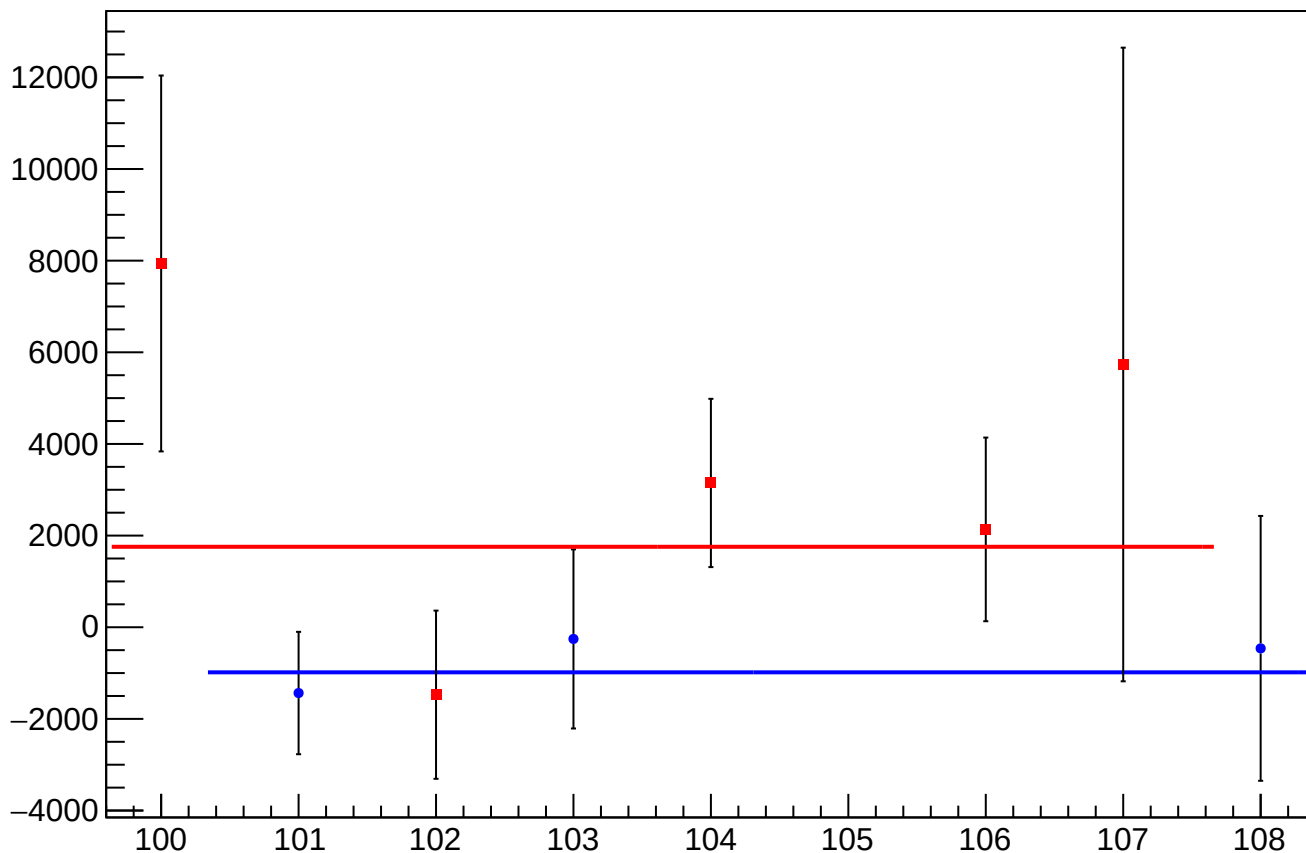
Right: 1082.866+/-0.411 χ^2/NDF : 7366.0/7

In: 1063.883+/-0.584 χ^2/NDF : 1810.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1082.866+/-0.411 χ^2/NDF : 7366.0/7

asym_usl_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: -983.897+/-1030.167 χ^2/NDF : 0.3/2

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

Right Out: 1755.846+/-1040.957 χ^2/NDF : 6.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

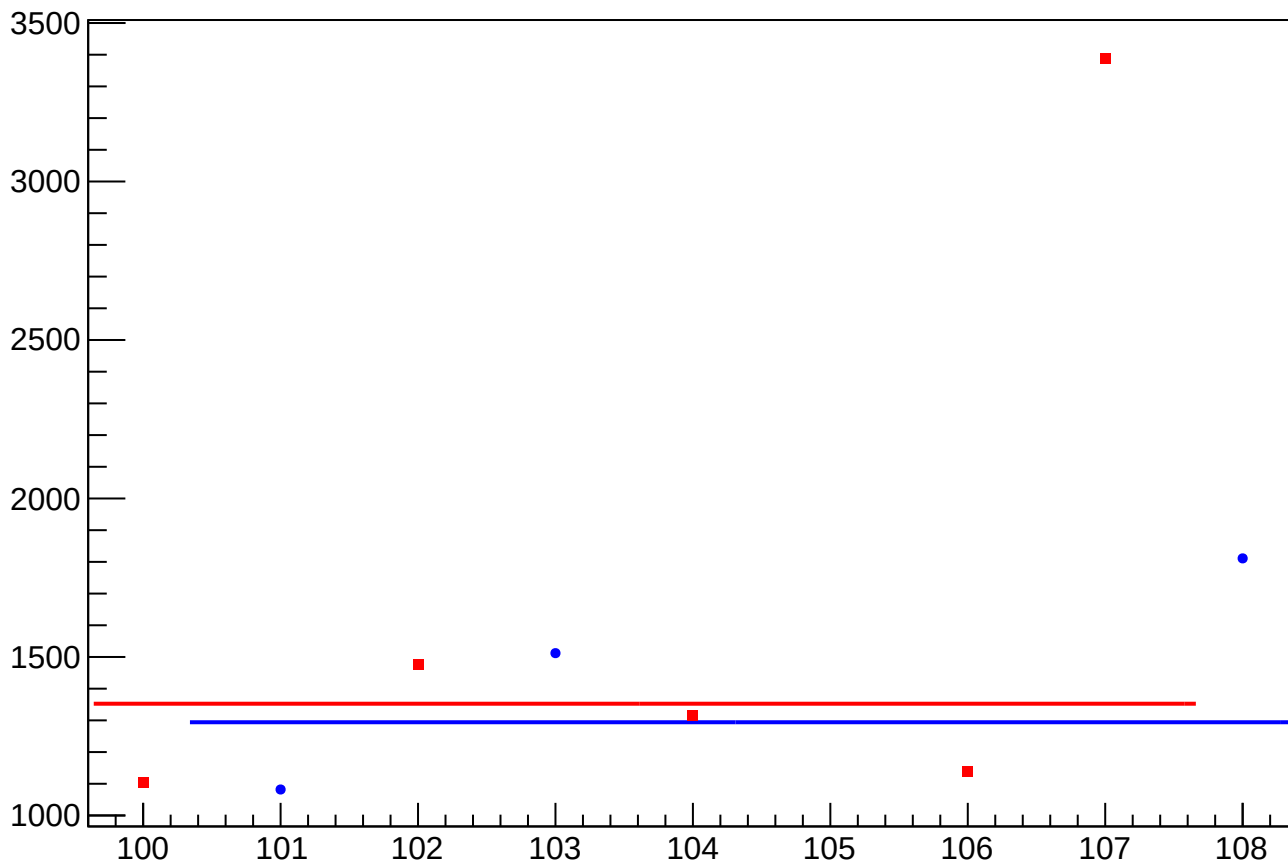
Right: 371.702+/-732.223 χ^2/NDF : 10.1/7

In: -983.897+/-1030.167 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 371.702+/-732.223 χ^2/NDF : 10.1/7

asym_usl_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 1294.077+/-0.728 χ^2/NDF : 139368.5/2

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

Right Out: 1352.534+/-0.736 χ^2/NDF : 213373.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

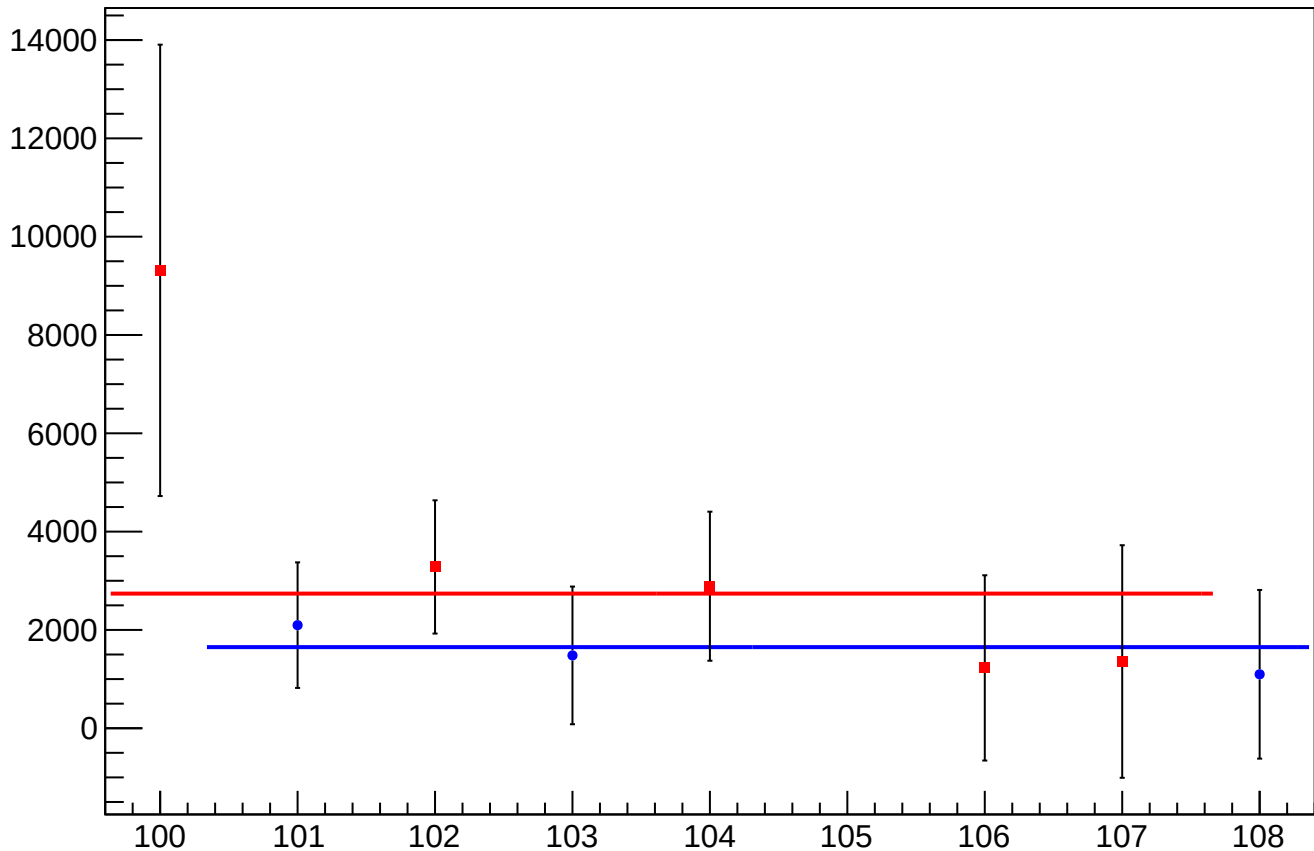
Right: 1323.001+/-0.518 χ^2/NDF : 355928.6/7

In: 1294.077+/-0.728 χ^2/NDF : 139368.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1323.001+/-0.518 χ^2/NDF : 355928.6/7

eigen_cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 1650.394+/-826.882 χ^2/NDF : 0.2/2

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

Right Out: 2738.991+/-820.040 χ^2/NDF : 3.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

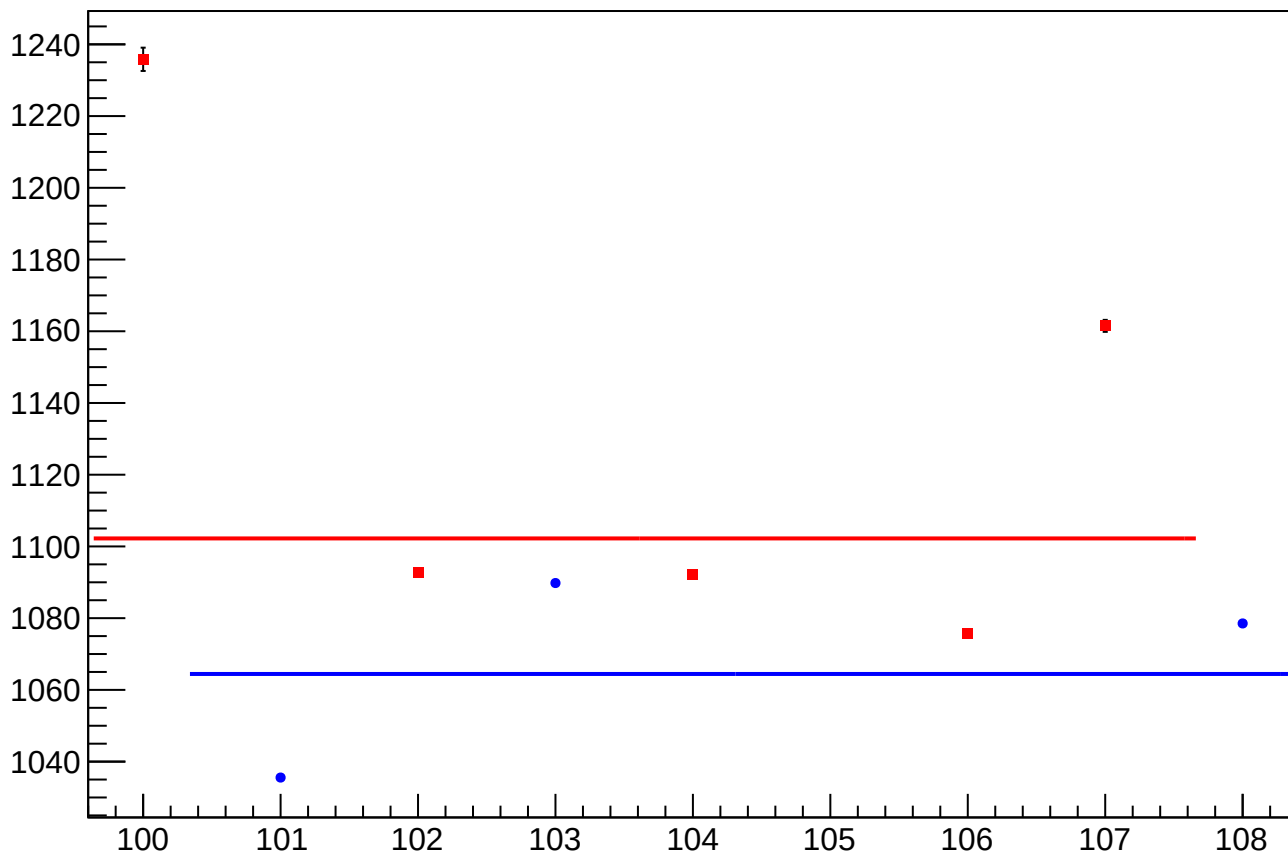
Right: 2199.216+/-582.260 χ^2/NDF : 4.3/7

In: 1650.394+/-826.882 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2199.216+/-582.260 χ^2/NDF : 4.3/7

eigen_cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1064.439+/-0.585 χ^2/NDF : 1813.5/2

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

Right Out: 1102.232+/-0.580 χ^2/NDF : 3527.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

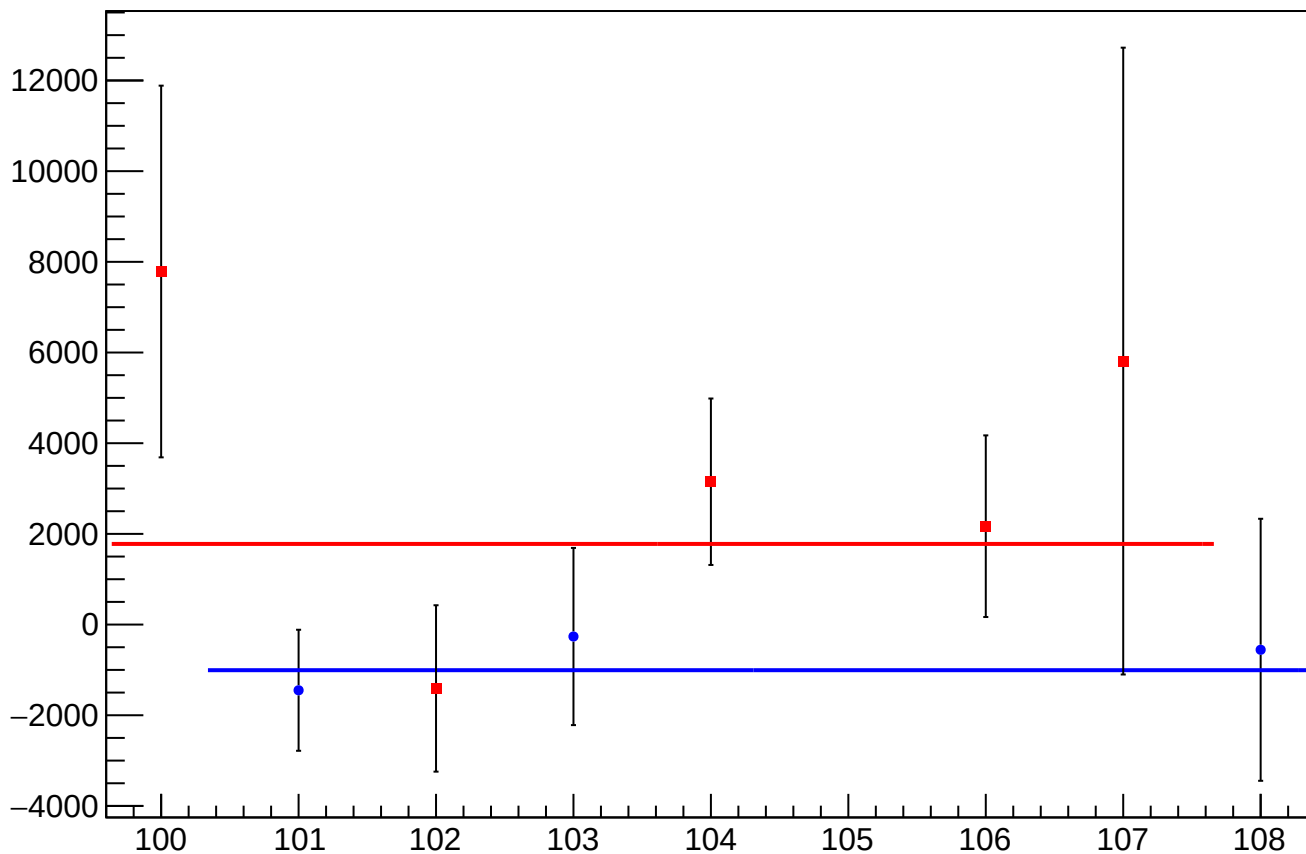
Right: 1083.493+/-0.412 χ^2/NDF : 7447.7/7

In: 1064.439+/-0.585 χ^2/NDF : 1813.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1083.493+/-0.412 χ^2/NDF : 7447.7/7

asym_usl_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1006.313+/-1029.785 χ^2/NDF : 0.3/2

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

Right Out: 1778.525+/-1040.581 χ^2/NDF : 6.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

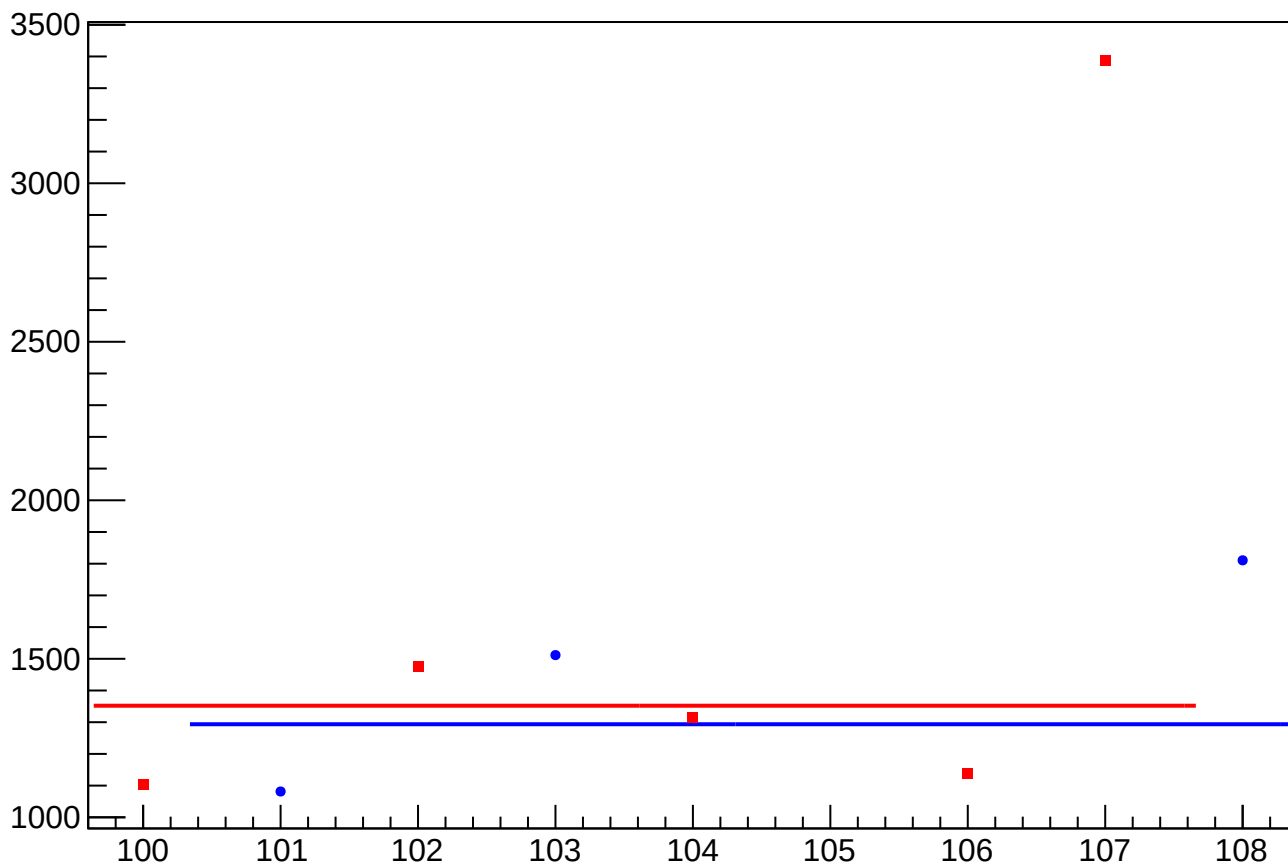
Right: 371.585+/-731.955 χ^2/NDF : 10.0/7

In: -1006.313+/-1029.785 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 371.585+/-731.955 χ^2/NDF : 10.0/7

asym_usl_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1293.567+/-0.728 χ^2/NDF : 139507.3/2

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

Right Out: 1352.019+/-0.736 χ^2/NDF : 213476.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

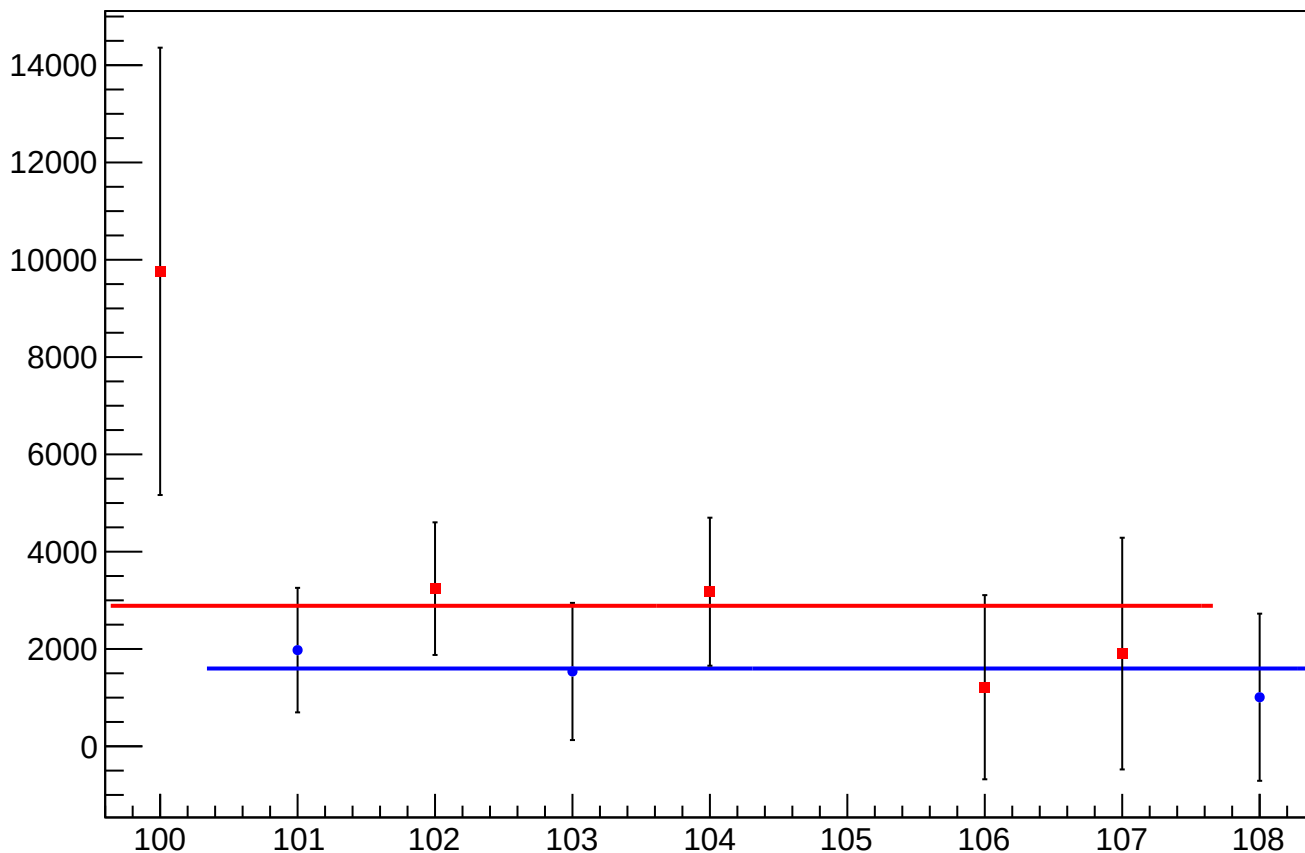
Right: 1322.488+/-0.518 χ^2/NDF : 356171.9/7

In: 1293.567+/-0.728 χ^2/NDF : 139507.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1322.488+/-0.518 χ^2/NDF : 356171.9/7

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1598.664 $\pm$ 829.698 χ^2 /NDF: 0.2/2

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

Right Out: 2887.627 $\pm$ 823.885 χ^2 /NDF: 3.3/4

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

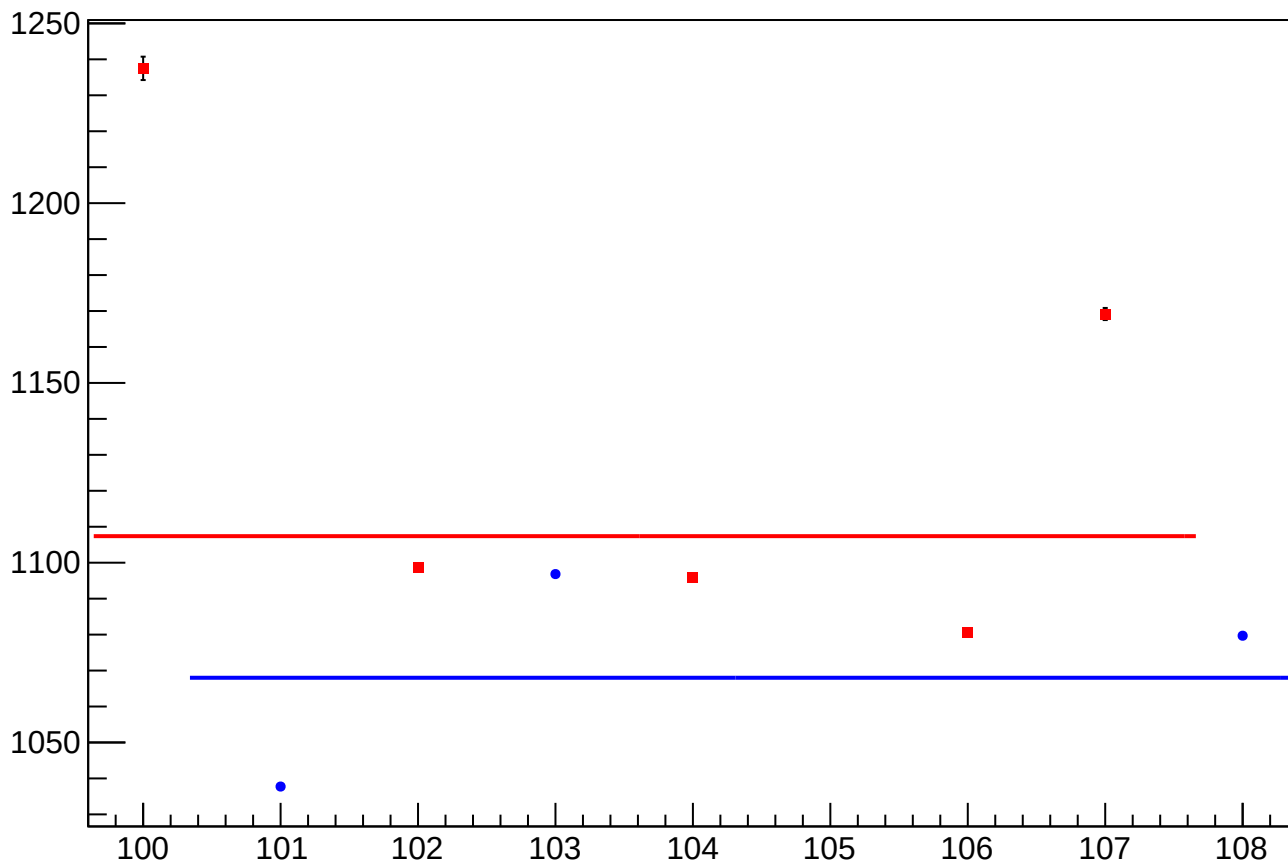
Right: 2247.677 $\pm$ 584.619 χ^2 /NDF: 4.7/7

In: 1598.664 $\pm$ 829.698 χ^2 /NDF:0.2/2

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

All: 2247.677 $\pm$ 584.619 χ^2 /NDF: 4.7/7

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1067.999+/-0.587 χ^2/NDF : 2047.4/2

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

Right Out: 1107.383+/-0.583 χ^2/NDF : 3543.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

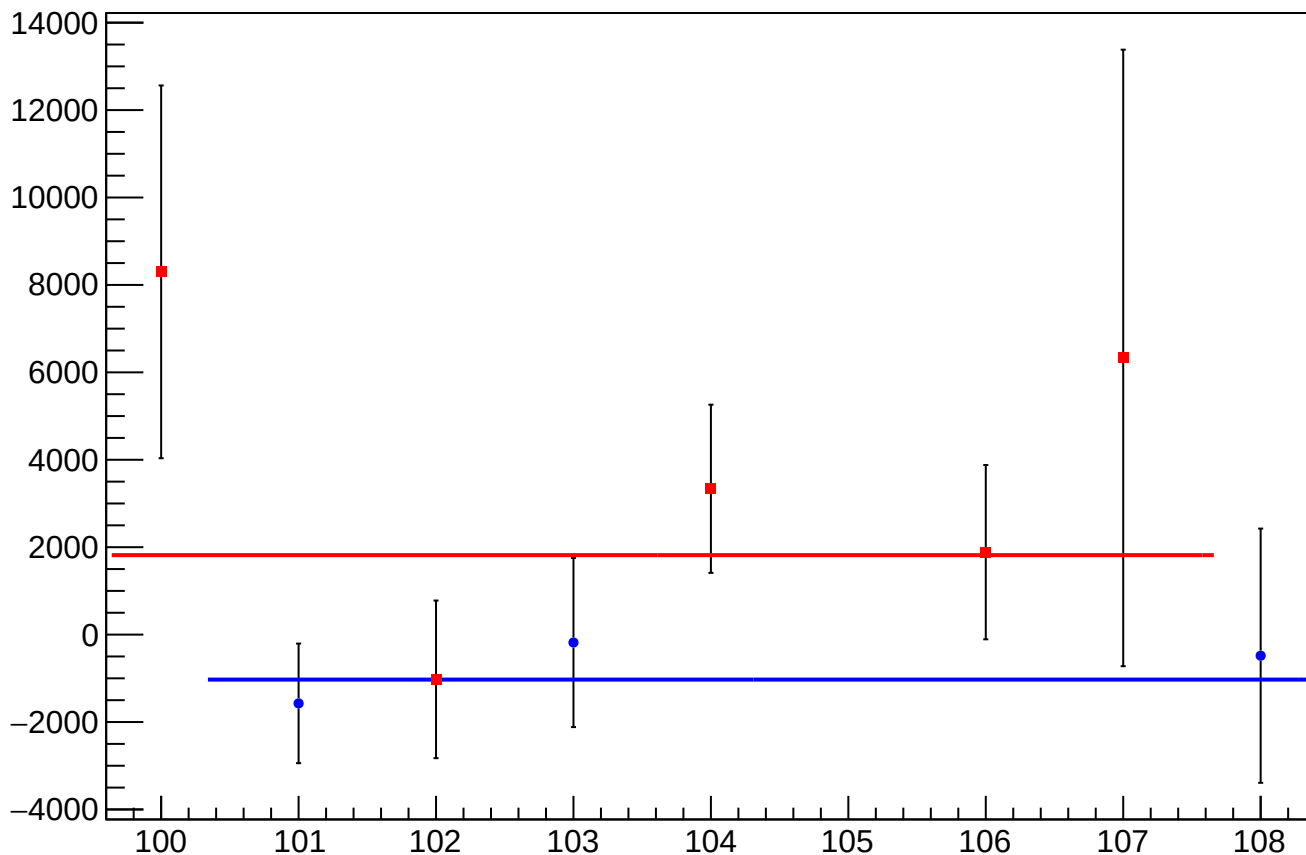
Right: 1087.830+/-0.413 χ^2/NDF : 7859.9/7

In: 1067.999+/-0.587 χ^2/NDF : 2047.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1087.830+/-0.413 χ^2/NDF : 7859.9/7

asym_usl_dit_correction_mean vs Slug, Sign Corrected



Right In: -1028.803 ± 1042.723 χ^2/NDF : 0.4/2

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

Right Out: 1818.562 ± 1051.519 χ^2/NDF : 5.8/4

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

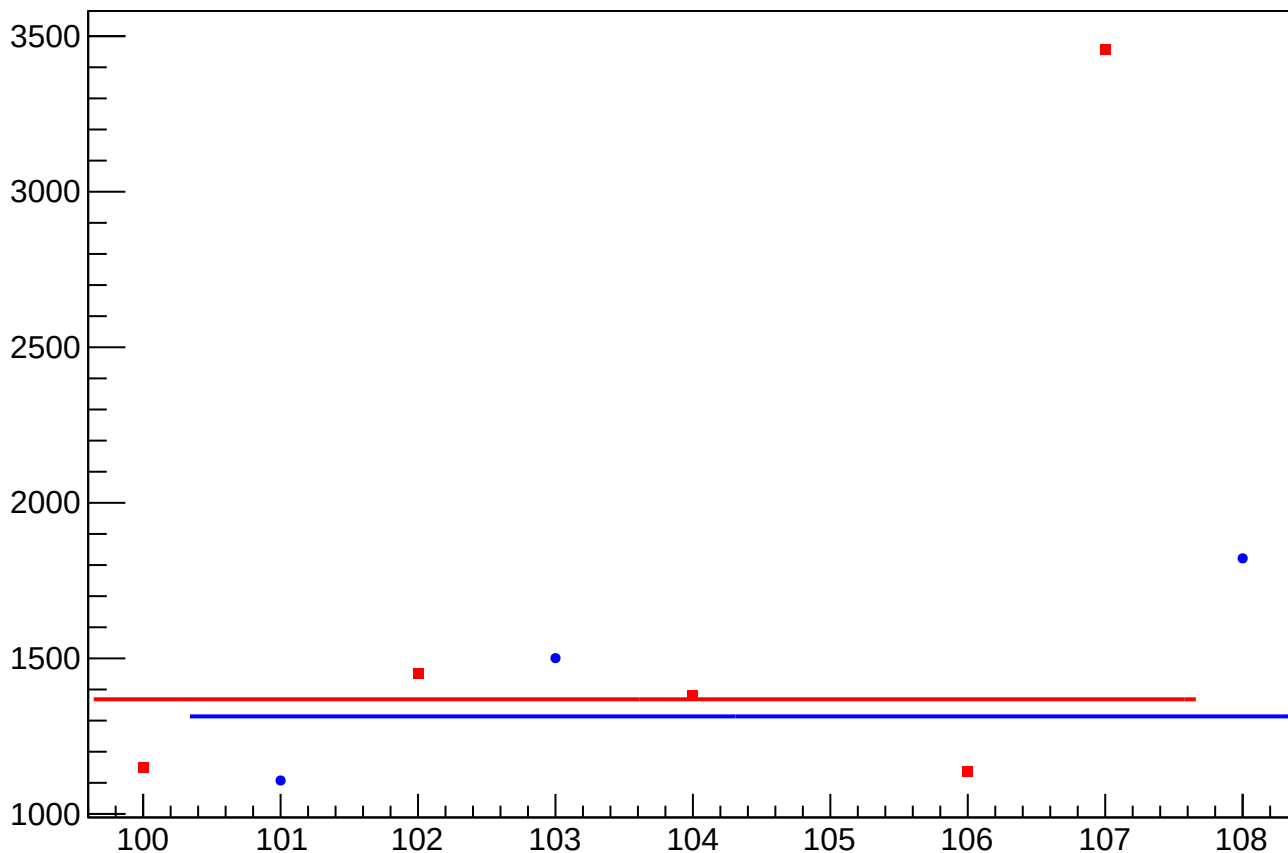
Right: 382.921 ± 740.407 χ^2/NDF : 9.9/7

In: -1028.803 ± 1042.723 χ^2/NDF : 0.4/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 382.921 ± 740.407 χ^2/NDF : 9.9/7

asym_usl_dit_correction_rms vs Slug, Sign Corrected



Right In: 1313.554+/-0.737 χ^2/NDF : 125149.8/2

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

Right Out: 1368.561+/-0.744 χ^2/NDF : 212212.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

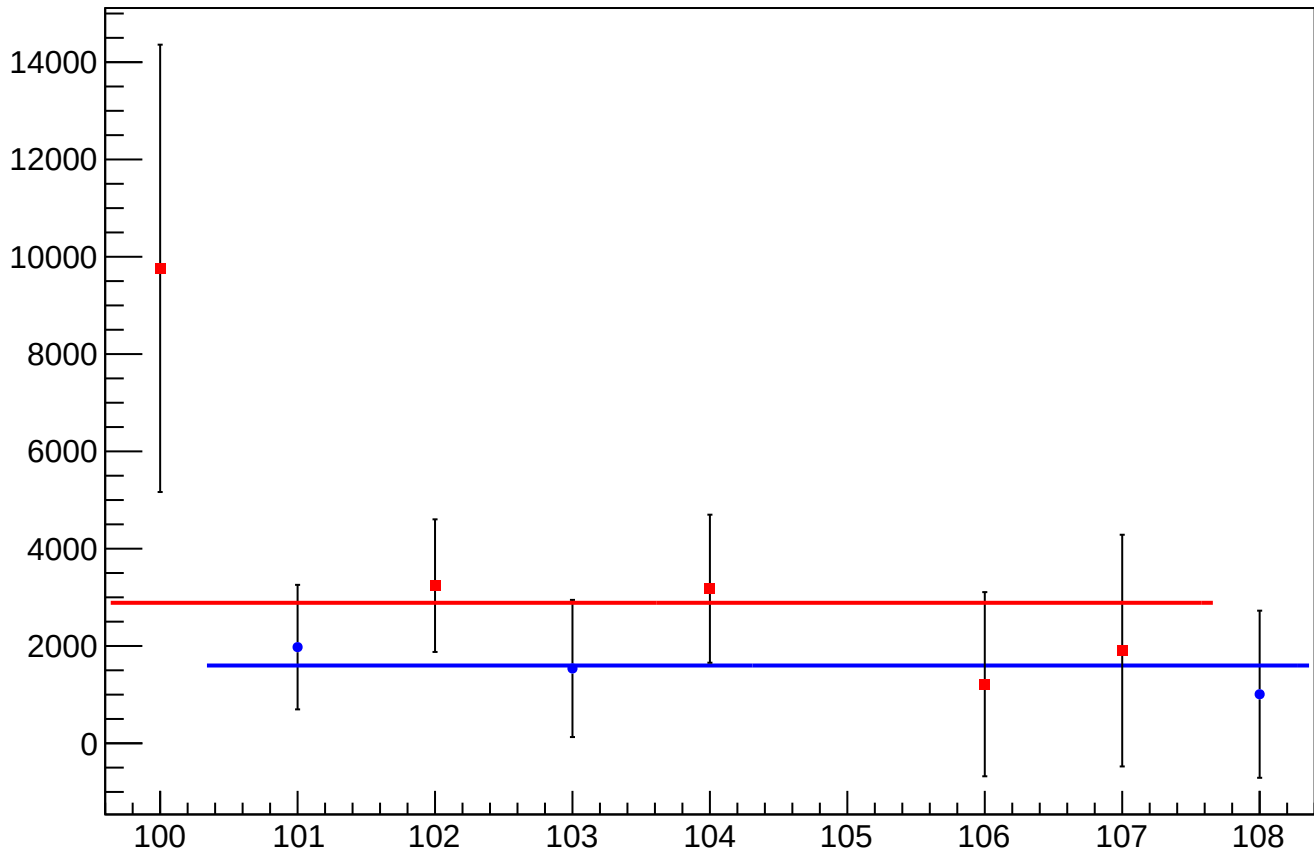
Right: 1340.826+/-0.524 χ^2/NDF : 340121.4/7

In: 1313.554+/-0.737 χ^2/NDF : 125149.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1340.826+/-0.524 χ^2/NDF : 340121.4/7

eigen_dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1598.665+/-829.698 χ^2/NDF : 0.2/2

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

Right Out: 2887.621+/-823.884 χ^2/NDF : 3.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

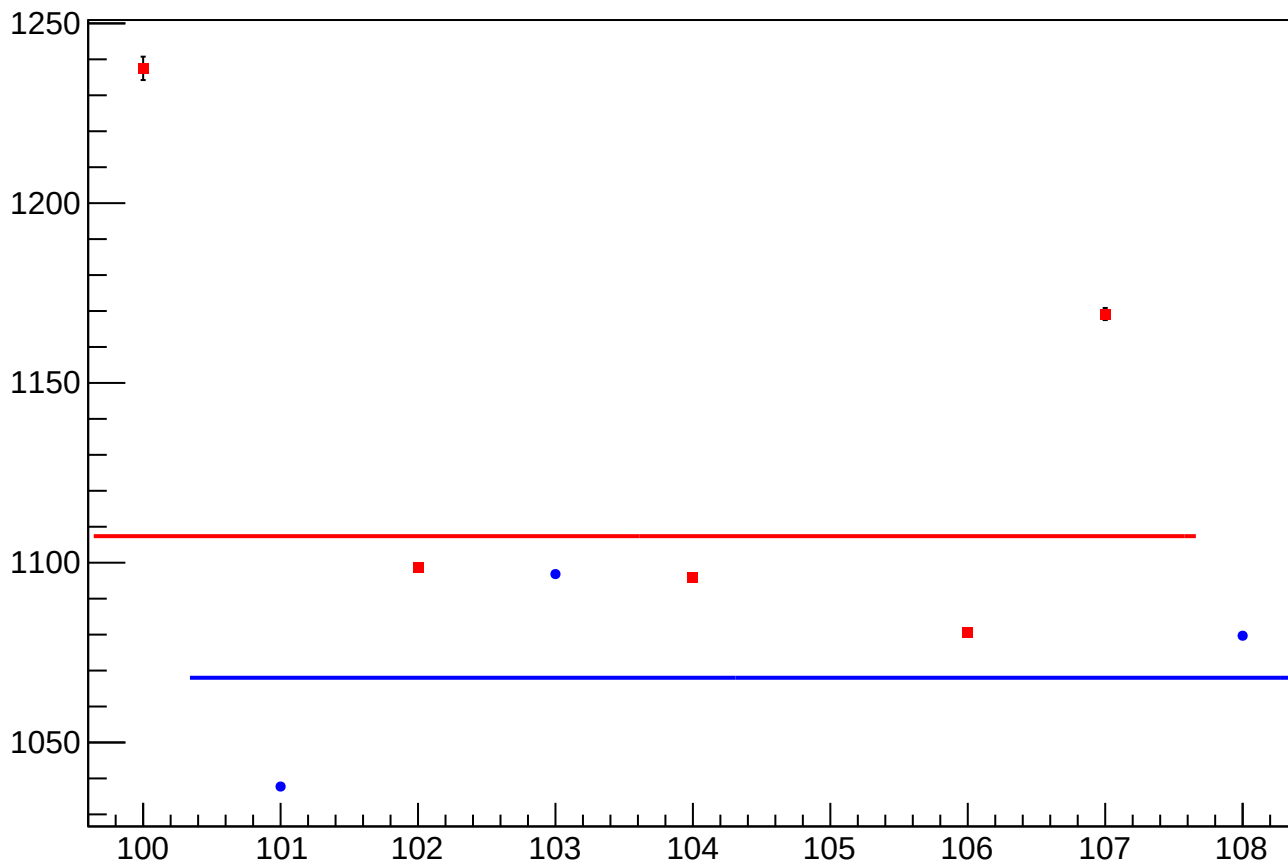
Right: 2247.674+/-584.619 χ^2/NDF : 4.7/7

In: 1598.665+/-829.698 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2247.674+/-584.619 χ^2/NDF : 4.7/7

eigen_dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1067.999+/-0.587 χ^2/NDF : 2047.4/2

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

Right Out: 1107.383+/-0.583 χ^2/NDF : 3543.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

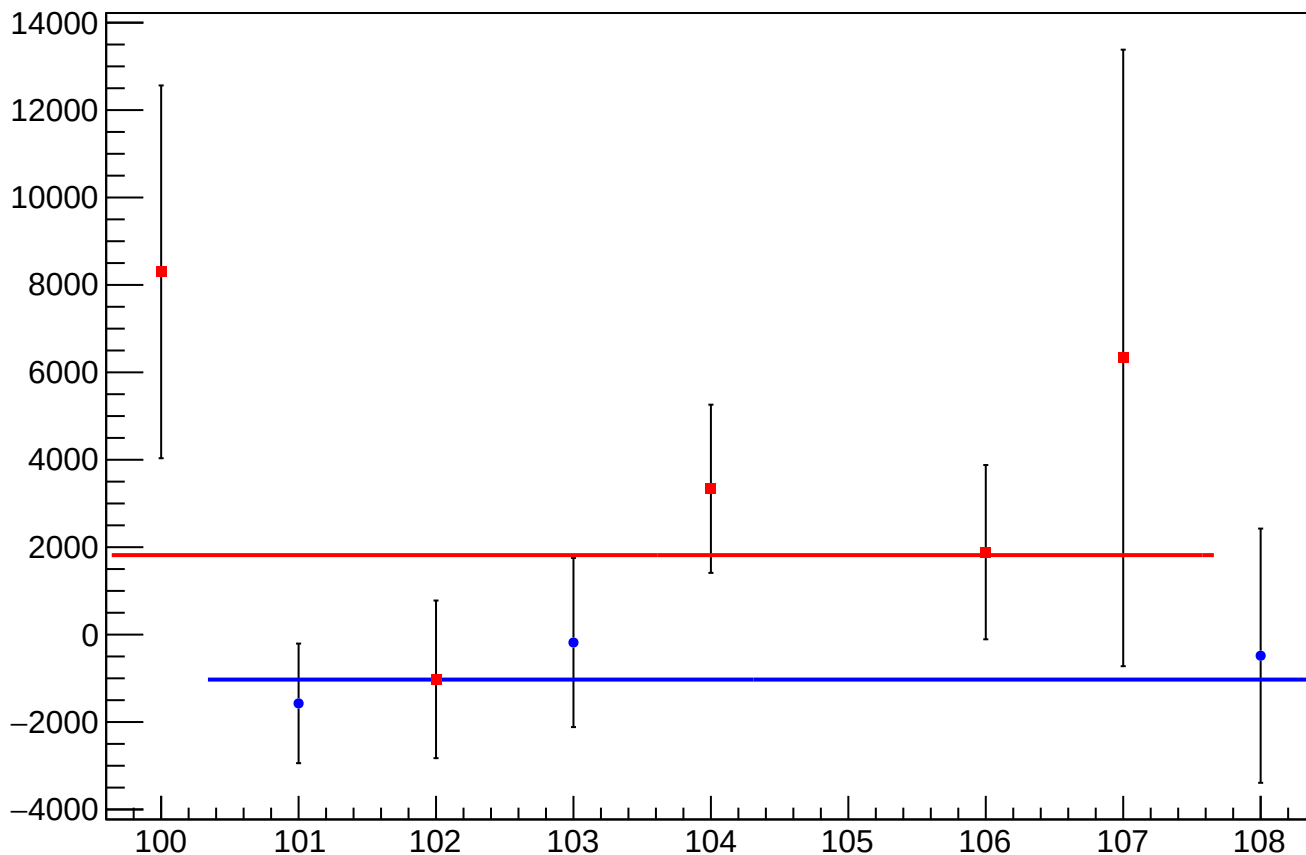
Right: 1087.829+/-0.413 χ^2/NDF : 7859.8/7

In: 1067.999+/-0.587 χ^2/NDF : 2047.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1087.829+/-0.413 χ^2/NDF : 7859.8/7

asym_usl_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1028.801 ± 1042.722 χ^2/NDF : 0.4/2

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

Right Out: 1818.559 ± 1051.517 χ^2/NDF : 5.8/4

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

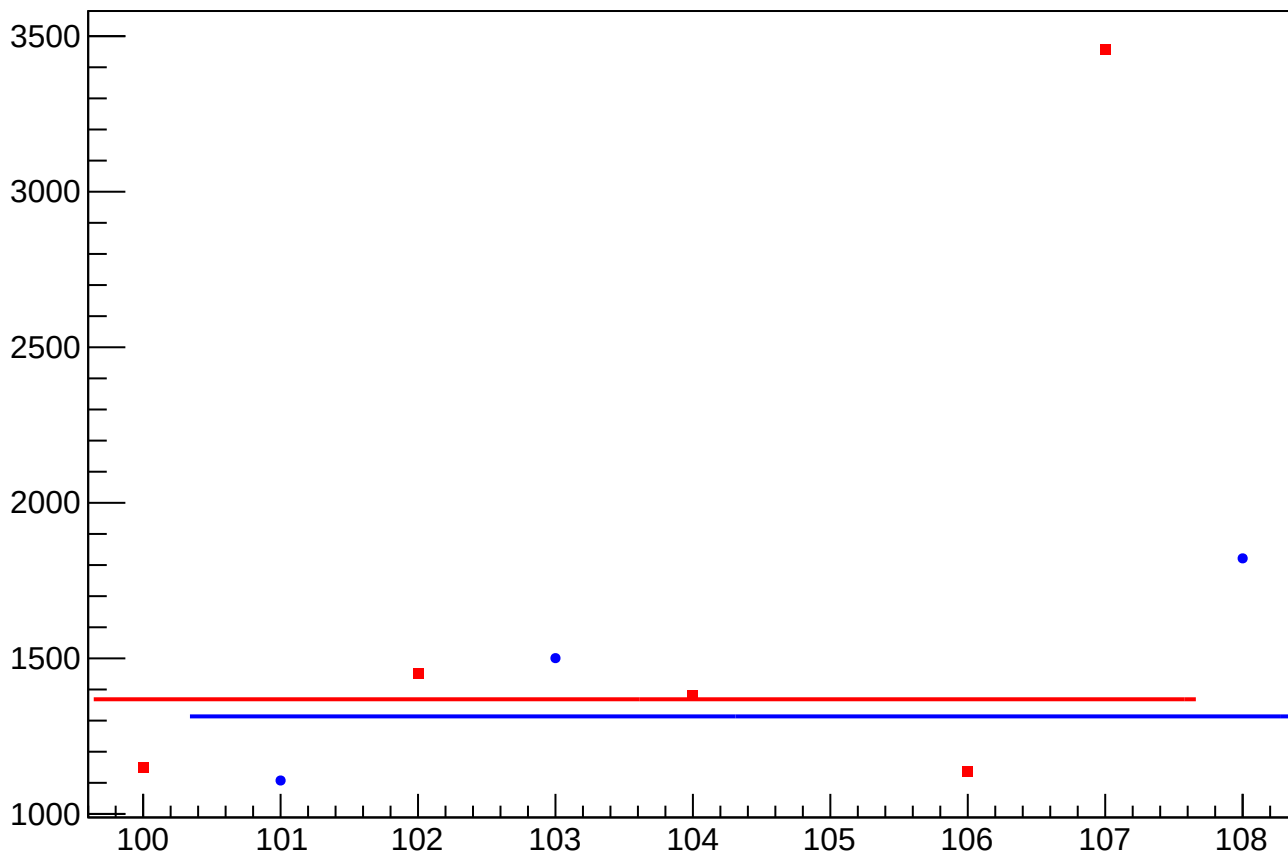
Right: 382.920 ± 740.406 χ^2/NDF : 9.9/7

In: -1028.801 ± 1042.722 χ^2/NDF : 0.4/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 382.920 ± 740.406 χ^2/NDF : 9.9/7

asym_usl_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1313.552 $\pm$ 0.737 χ^2 /NDF: 125149.7/2

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

Right Out: 1368.559 $\pm$ 0.744 χ^2 /NDF: 212210.3/4

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

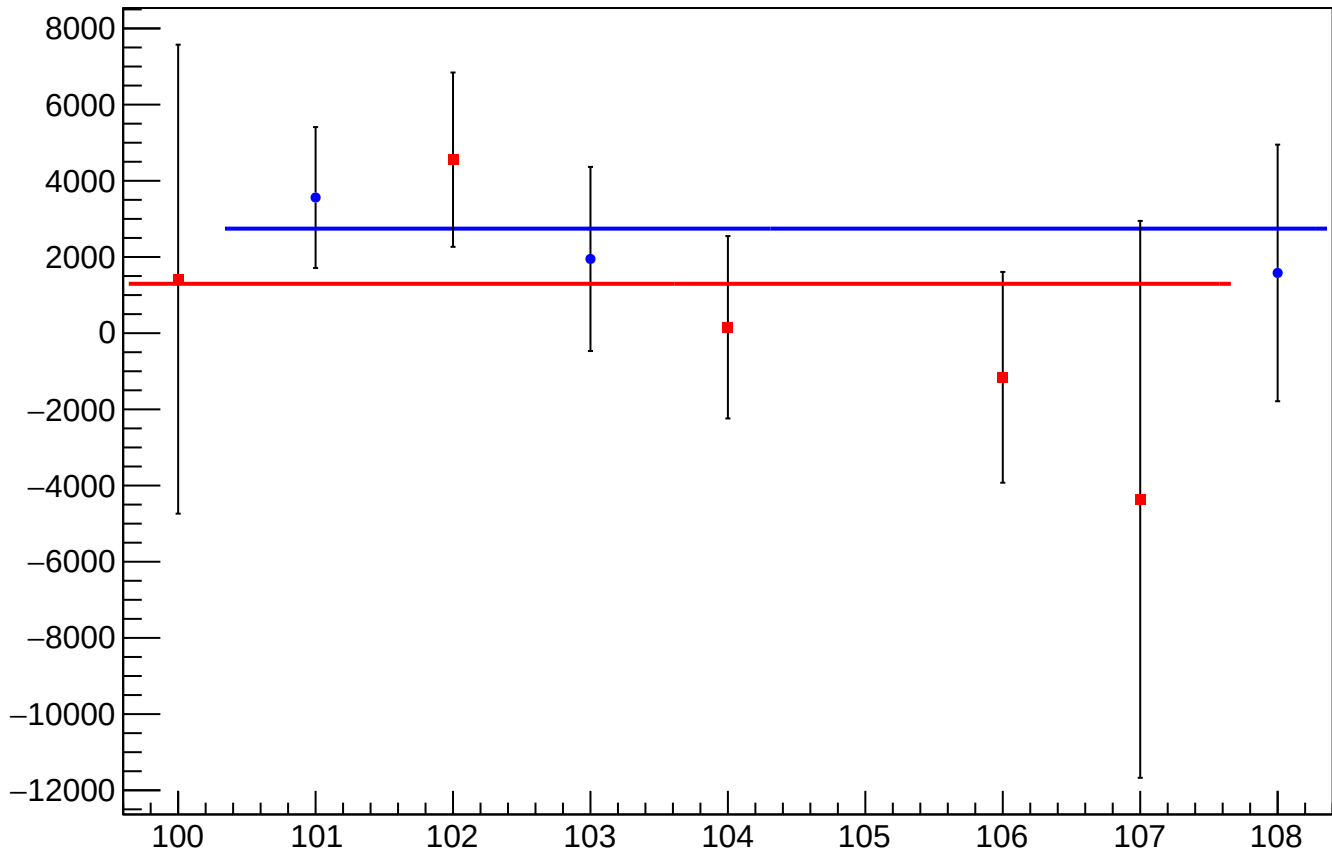
Right: 1340.824 $\pm$ 0.524 χ^2 /NDF: 340119.5/7

In: 1313.552 $\pm$ 0.737 χ^2 /NDF:125149.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1340.824 $\pm$ 0.524 χ^2 /NDF: 340119.5/7

asym_usl_mean vs Slug, Sign Corrected



Right In: 2744.489+/-1346.223 χ^2/NDF : 0.4/2

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

Right Out: 1296.422+/-1359.303 χ^2/NDF : 3.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

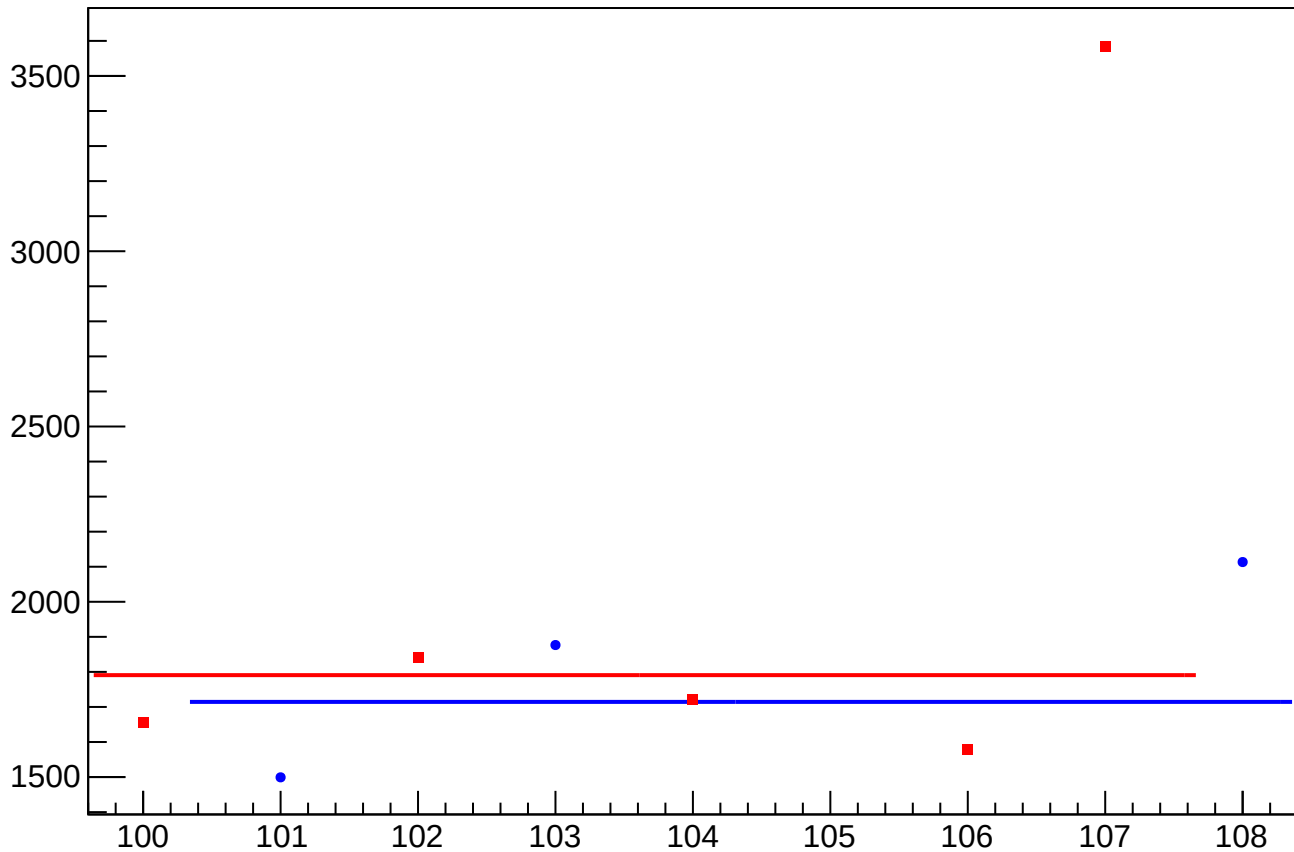
Right: 2027.456+/-956.514 χ^2/NDF : 4.6/7

In: 2744.489+/-1346.223 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2027.456+/-956.514 χ^2/NDF : 4.6/7

asym_usl_rms vs Slug, Sign Corrected



Right In: 1714.437+/-0.952 χ^2/NDF : 64155.8/2

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

Right Out: 1790.763+/-0.961 χ^2/NDF : 135802.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

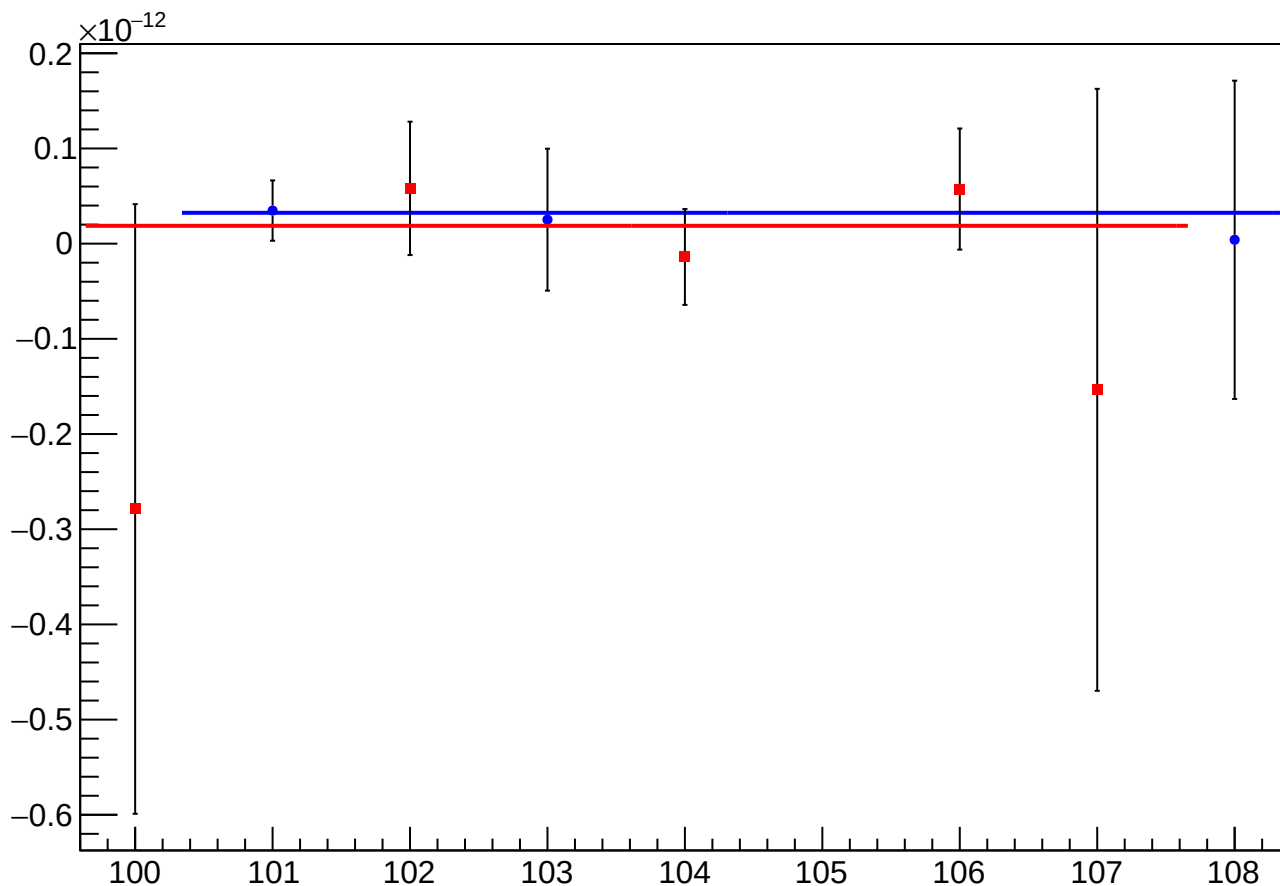
Right: 1752.231+/-0.676 χ^2/NDF : 203141.1/7

In: 1714.437+/-0.952 χ^2/NDF : 64155.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1752.231+/-0.676 χ^2/NDF : 203141.1/7

asym_usl_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

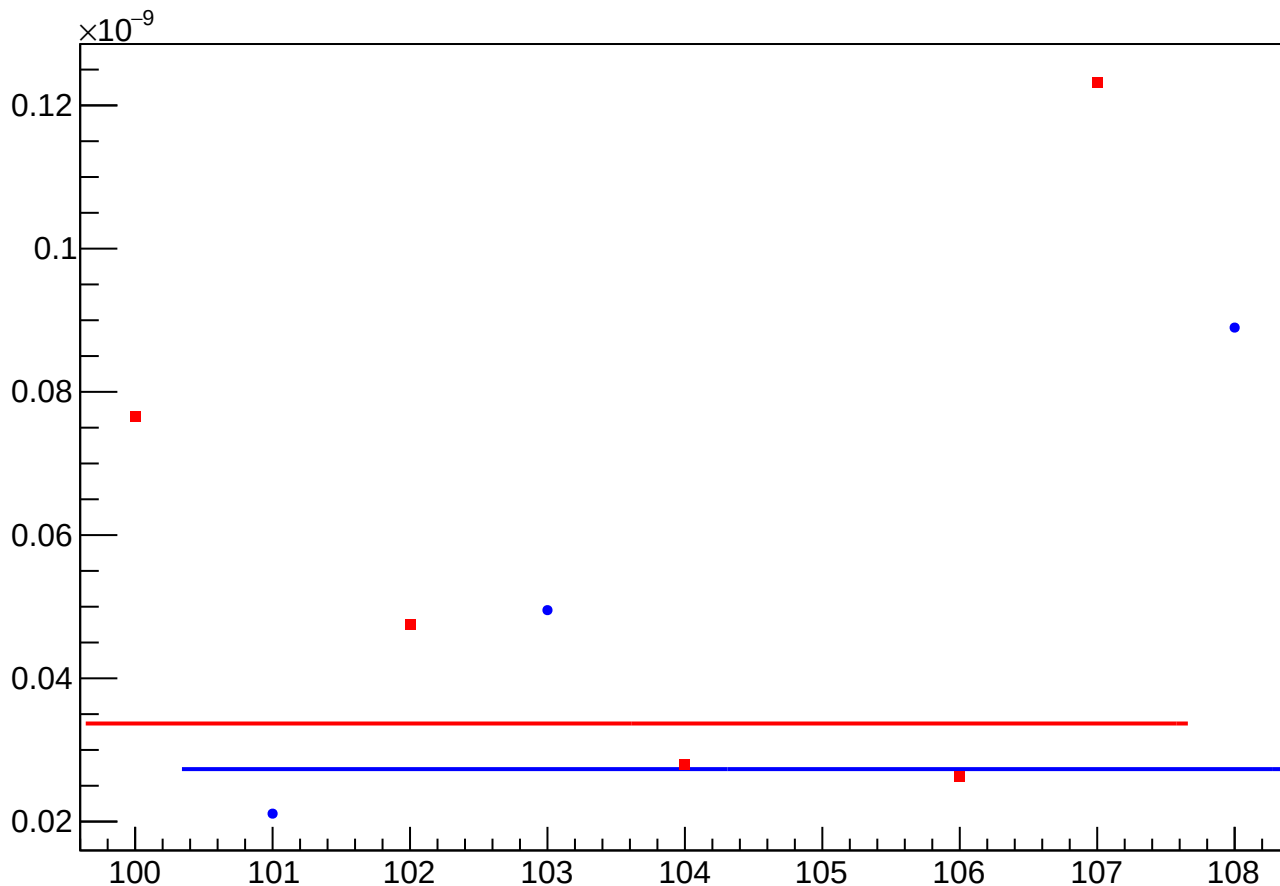
Right: 0.000+/-0.000 χ^2/NDF : 2.4/7

In: 0.000+/-0.000 χ^2/NDF : 0.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2.4/7

asym_usl_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 526444.2/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 327147.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

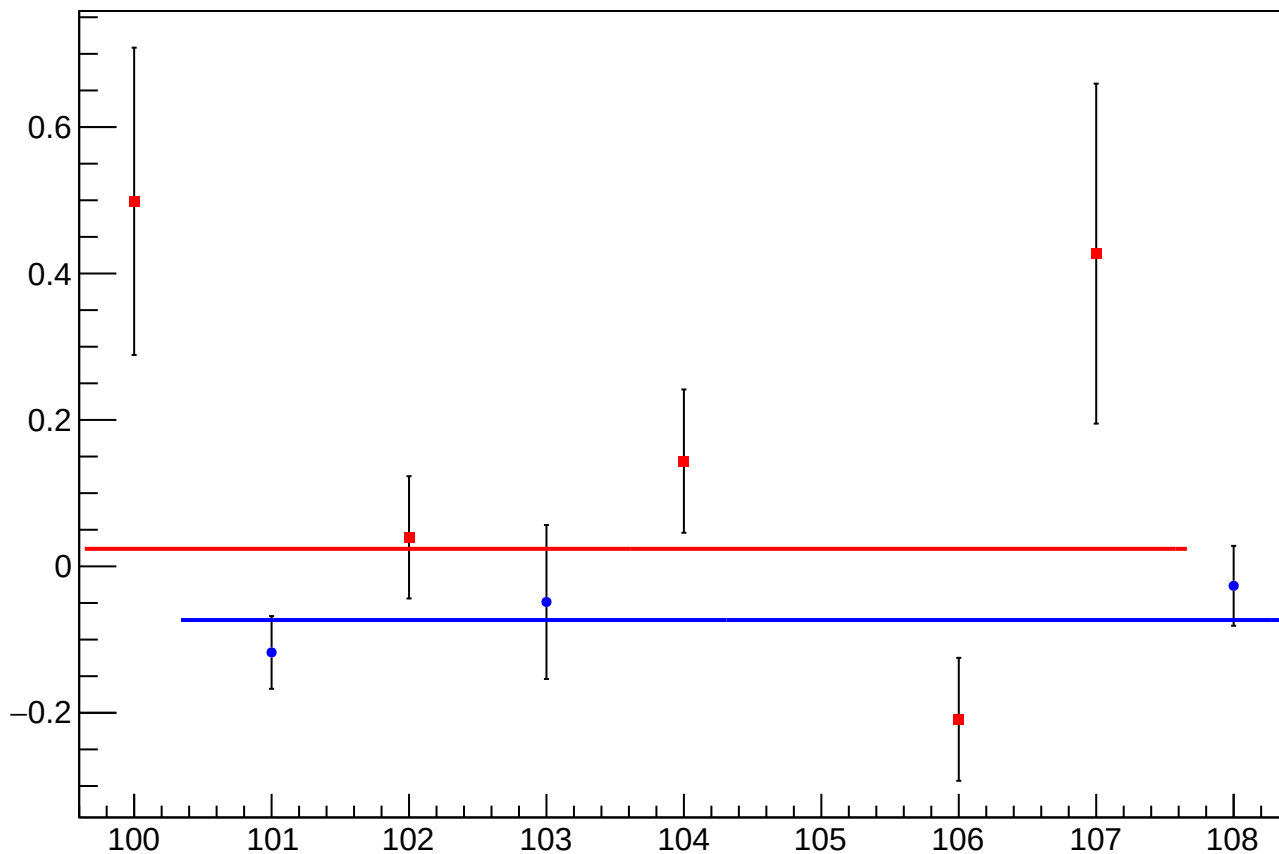
Right: 0.000+/-0.000 χ^2/NDF : 894558.3/7

In: 0.000+/-0.000 χ^2/NDF : 526444.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 894558.3/7

asym_usl_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.073+/-0.035 χ^2/NDF : 1.6/2

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

Right Out: 0.024+/-0.048 χ^2/NDF : 17.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

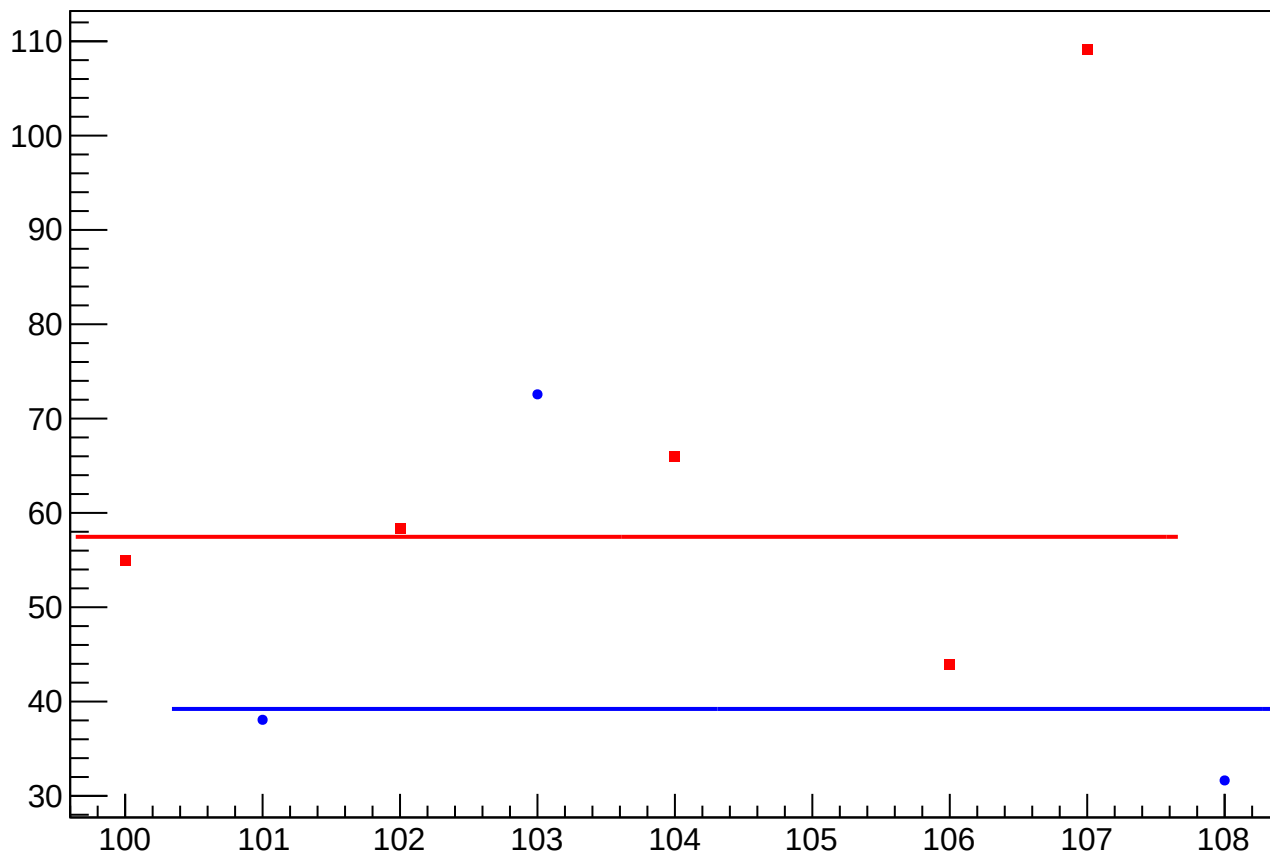
Right: -0.040+/-0.028 χ^2/NDF : 21.6/7

In: -0.073+/-0.035 χ^2/NDF : 1.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.040+/-0.028 χ^2/NDF : 21.6/7

asym_usl_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.217+/-0.025 χ^2/NDF : 240831.3/2

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

Right Out: 57.464+/-0.034 χ^2/NDF : 166440.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

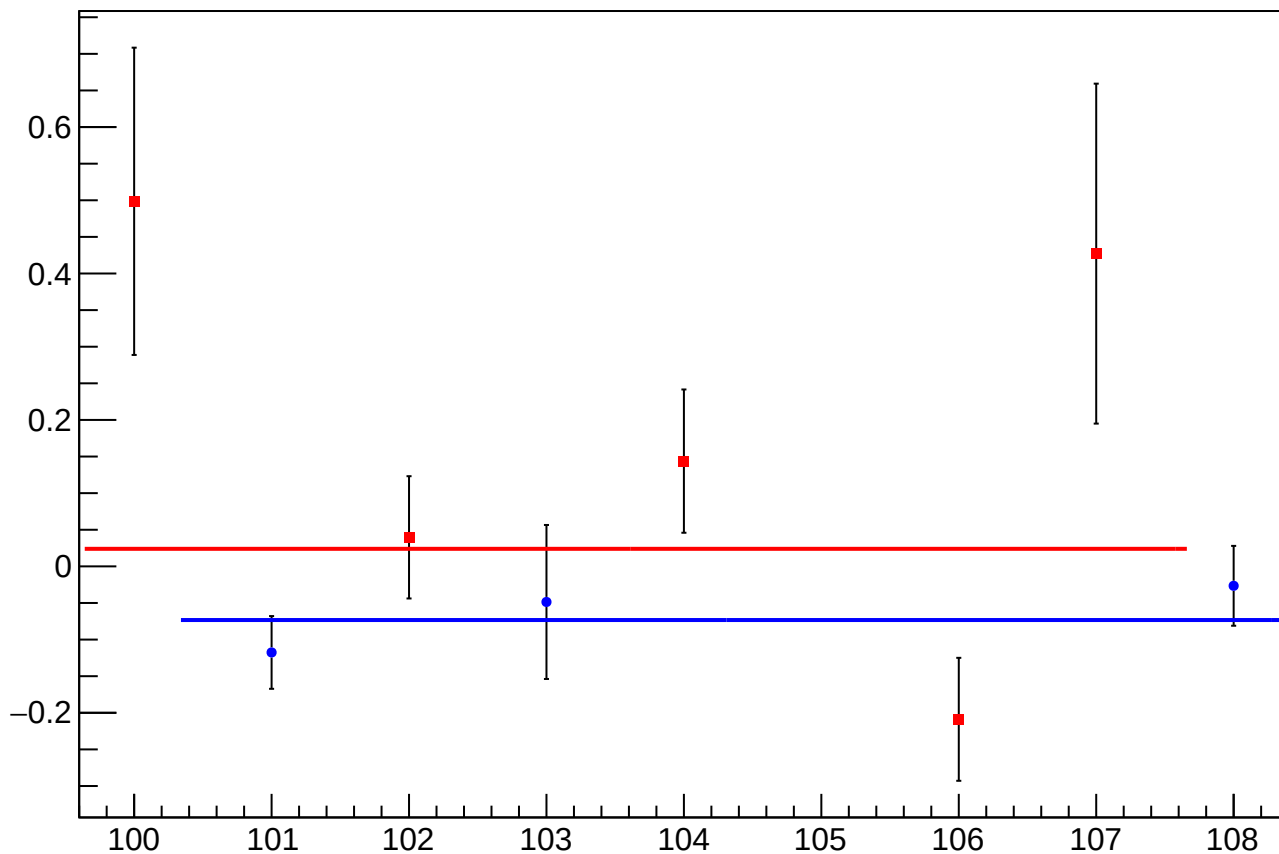
Right: 45.444+/-0.020 χ^2/NDF : 596316.5/7

In: 39.217+/-0.025 χ^2/NDF : 240831.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.444+/-0.020 χ^2/NDF : 596316.5/7

asym_usl_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.073 $\pm$ 0.035 χ^2 /NDF: 1.6/2

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

Right Out: 0.024 $\pm$ 0.048 χ^2 /NDF: 17.4/4

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

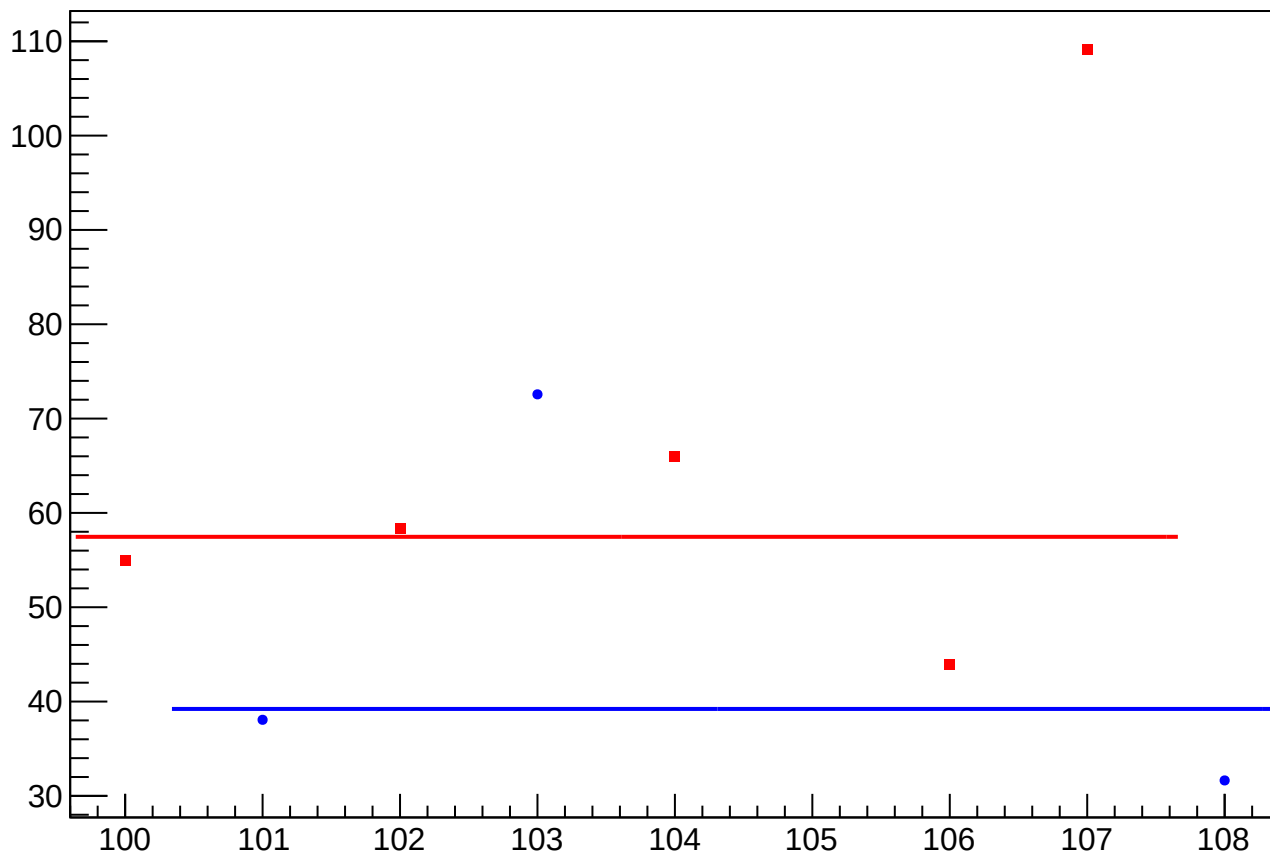
Right: -0.040 $\pm$ 0.028 χ^2 /NDF: 21.6/7

In: -0.073 $\pm$ 0.035 χ^2 /NDF:1.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.040 $\pm$ 0.028 χ^2 /NDF: 21.6/7

asym_usl_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.217+/-0.025 χ^2/NDF : 240831.3/2

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

Right Out: 57.464+/-0.034 χ^2/NDF : 166440.9/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

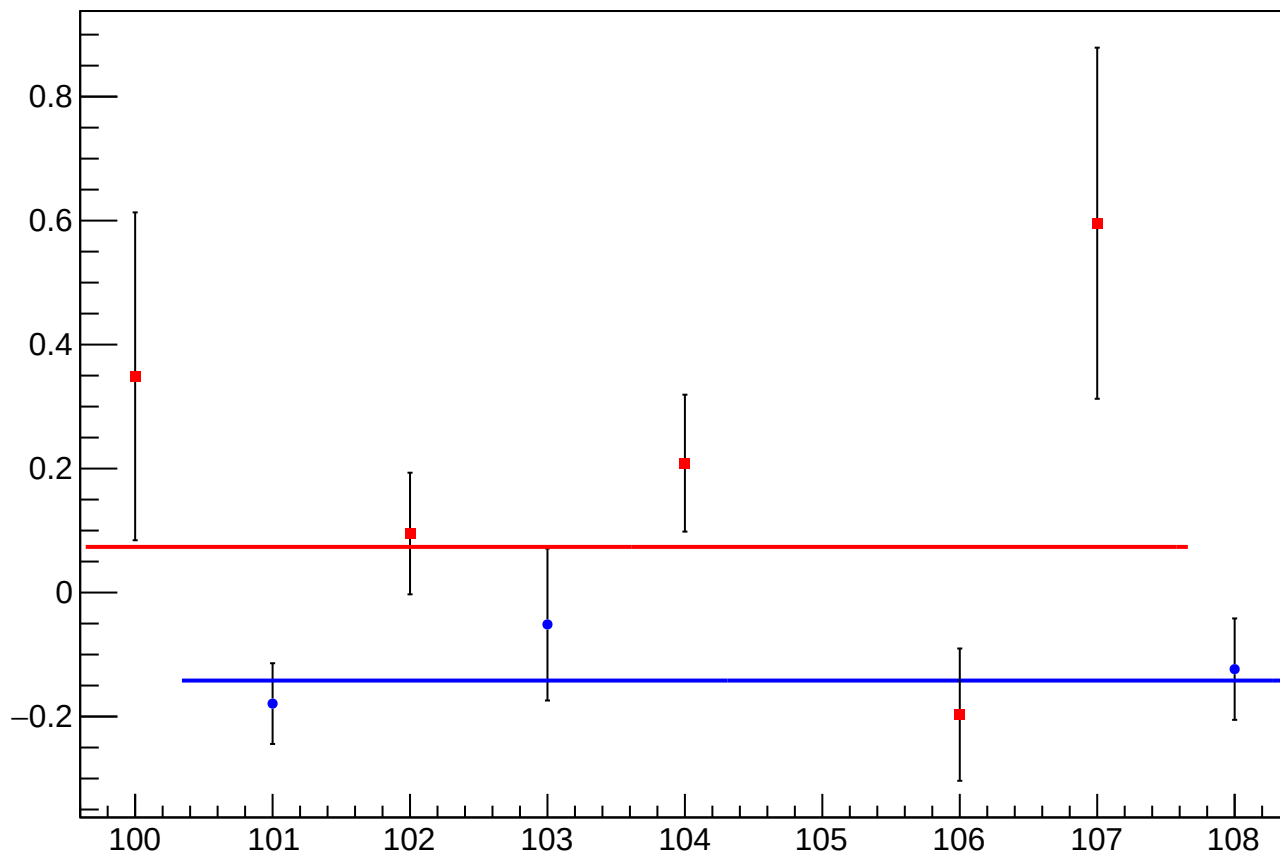
Right: 45.444+/-0.020 χ^2/NDF : 596316.5/7

In: 39.217+/-0.025 χ^2/NDF :240831.3/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 45.444+/-0.020 χ^2/NDF : 596316.5/7

asym_usl_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.142 ± 0.047 $\chi^2/\text{NDF}: 0.9/2$

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

Right Out: 0.074 ± 0.058 $\chi^2/\text{NDF}: 12.5/4$

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

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

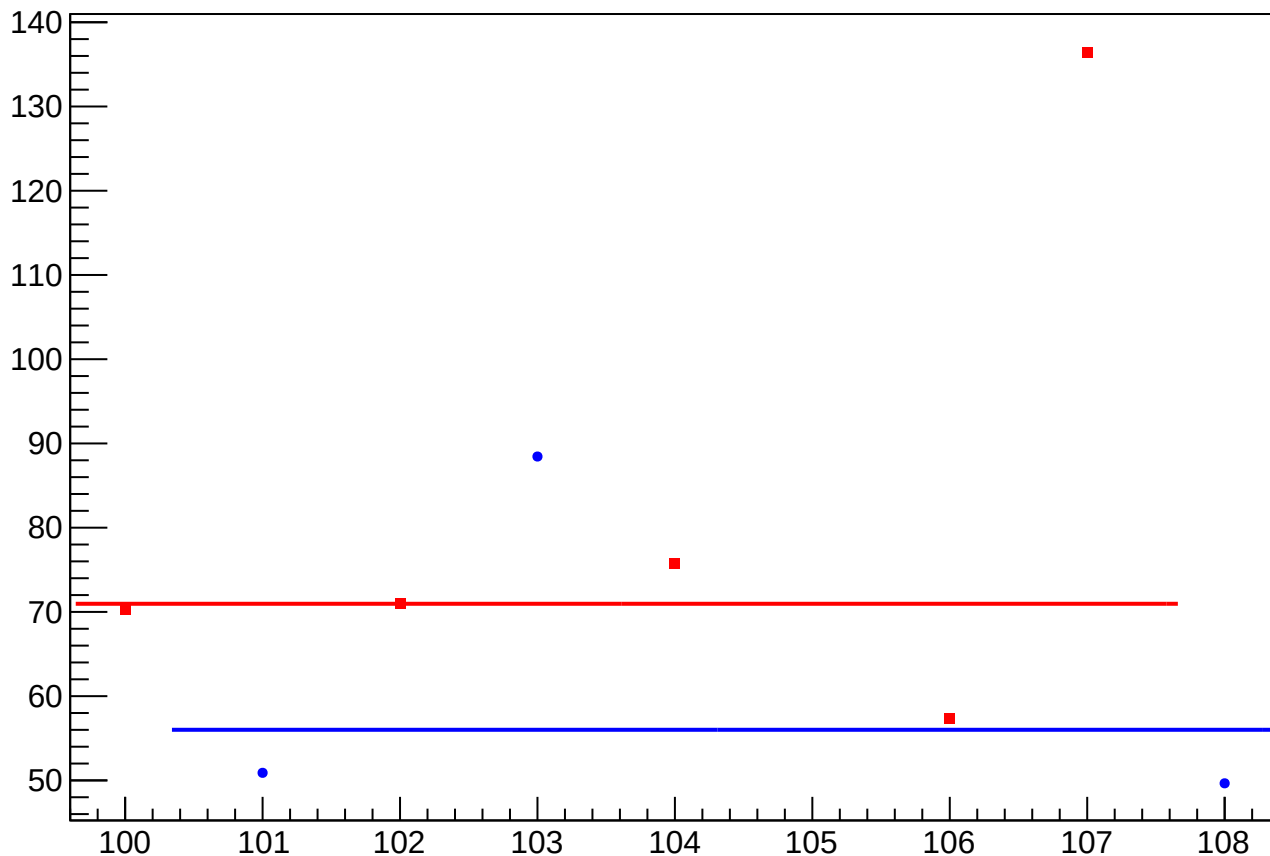
Right: -0.056 ± 0.036 $\chi^2/\text{NDF}: 21.8/7$

In: -0.142 ± 0.047 $\chi^2/\text{NDF}: 0.9/2$

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

All: -0.056 ± 0.036 $\chi^2/\text{NDF}: 21.8/7$

asym_usl_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.008+/-0.033 χ^2/NDF : 164164.1/2

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

Right Out: 70.966+/-0.041 χ^2/NDF : 143487.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

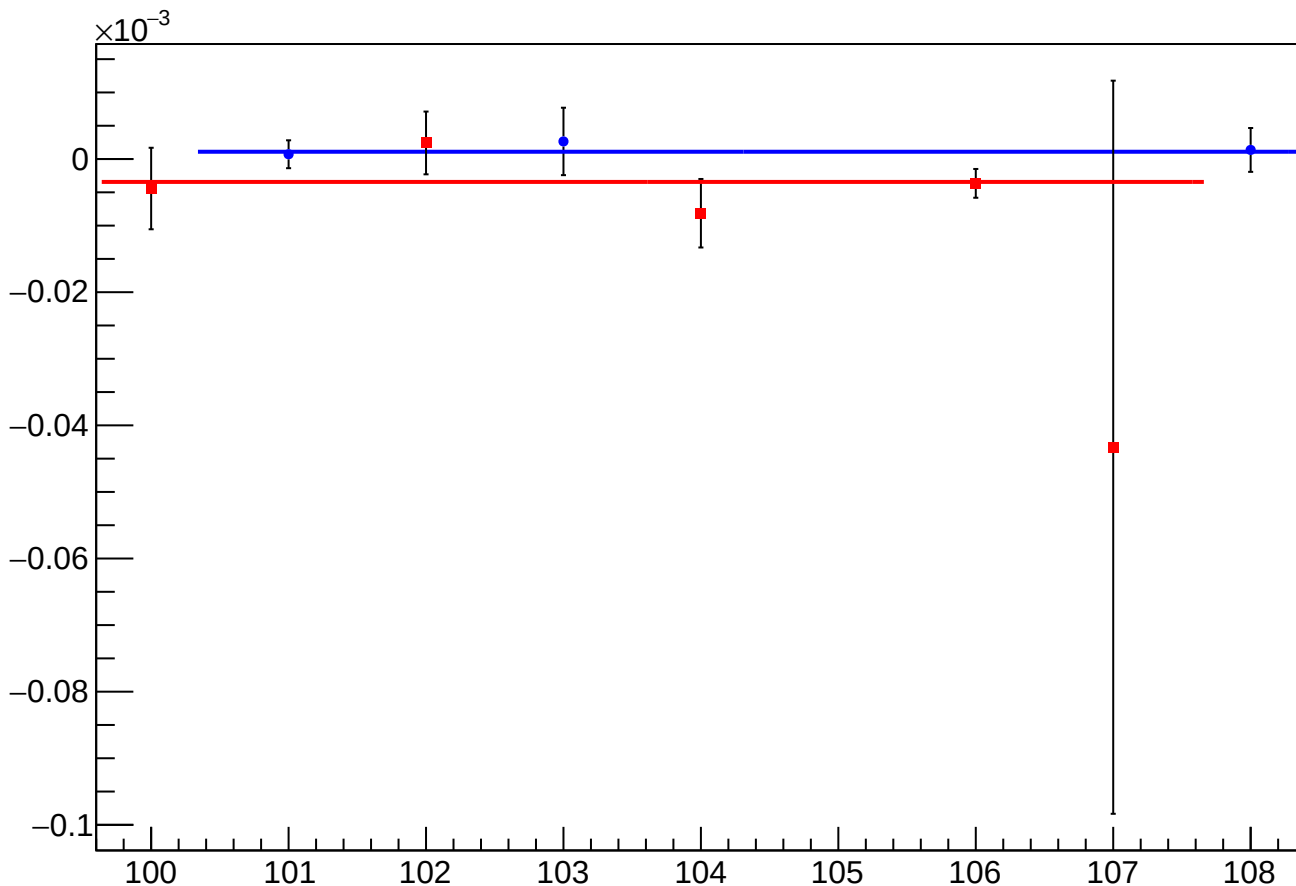
Right: 61.984+/-0.026 χ^2/NDF : 388405.1/7

In: 56.008+/-0.033 χ^2/NDF : 164164.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.984+/-0.026 χ^2/NDF : 388405.1/7

asym_usl_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.1/2

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.9/4

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

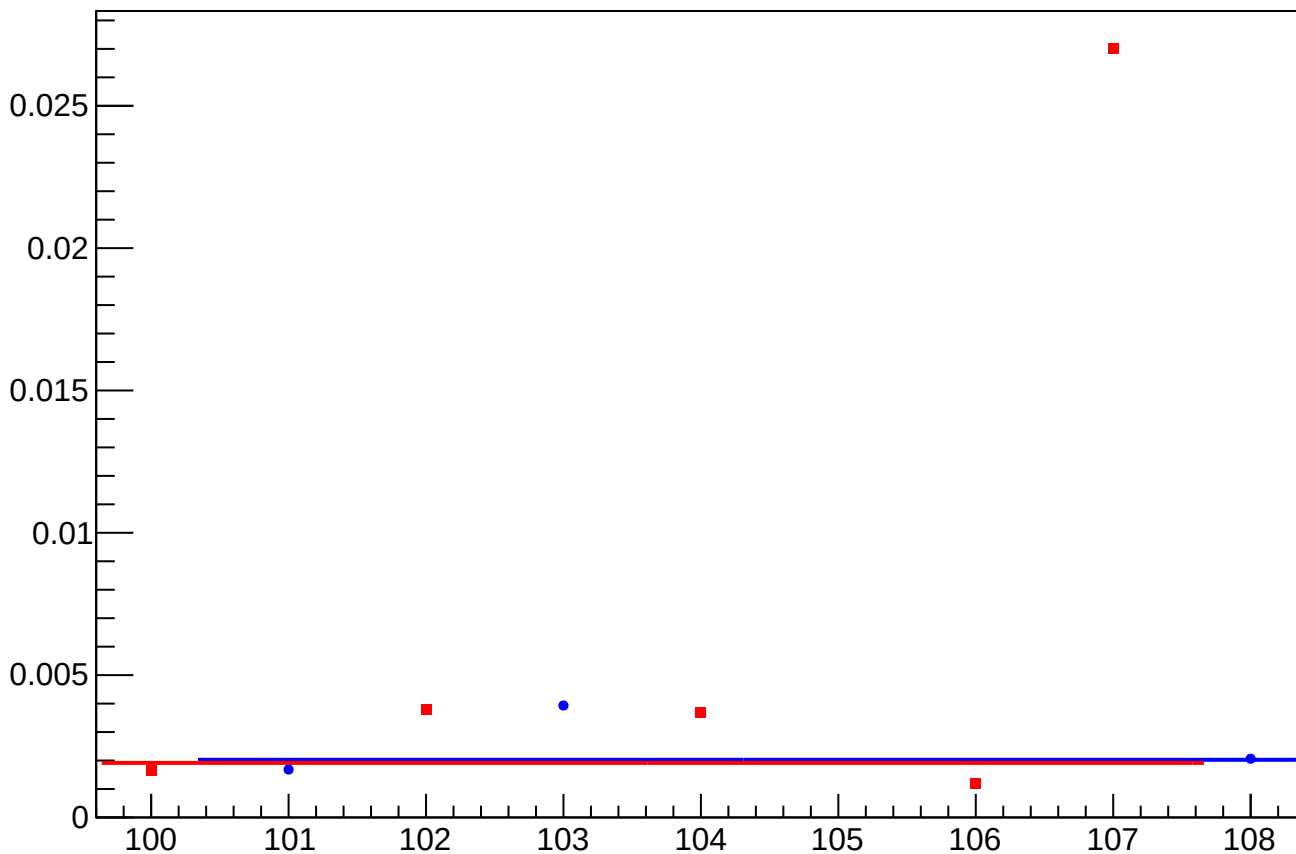
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.6/7

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.1/2

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.6/7

asym_usl_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 337046.2/2

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

Right Out: 0.002+/-0.000 χ^2/NDF : 1190323.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

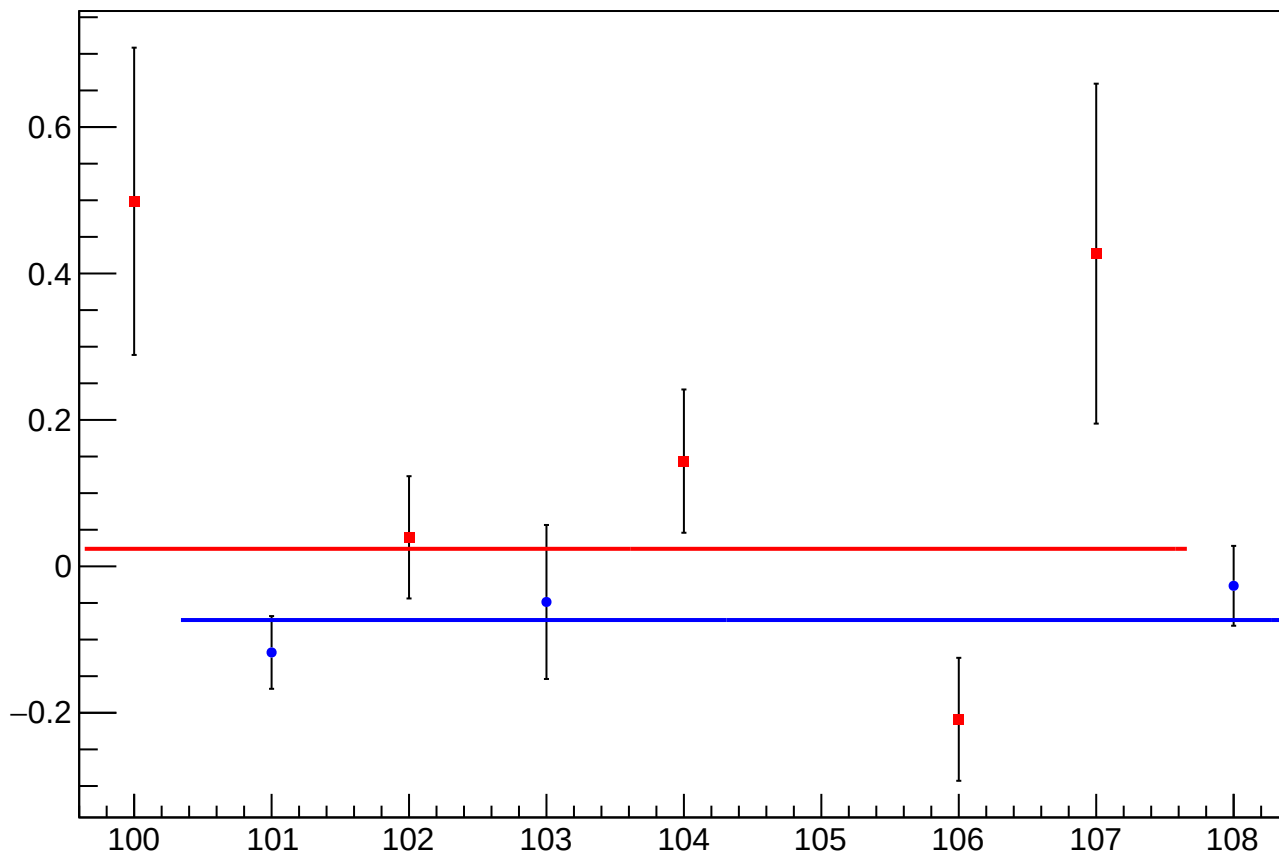
Right: 0.002+/-0.000 χ^2/NDF : 1531450.2/7

In: 0.002+/-0.000 χ^2/NDF : 337046.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1531450.2/7

asym_usl_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.073 ± 0.035 χ^2/NDF : 1.6/2

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

Right Out: 0.024 ± 0.048 χ^2/NDF : 17.4/4

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

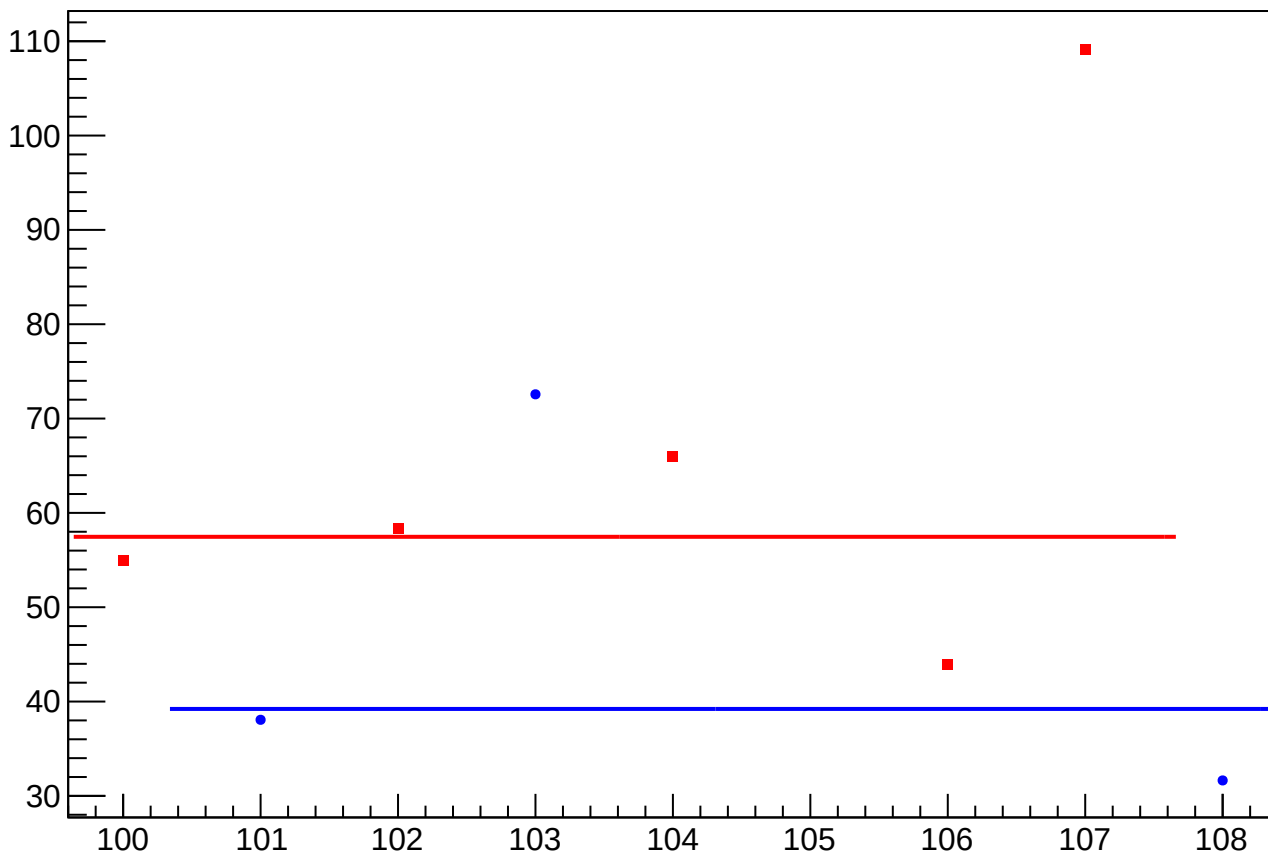
Right: -0.040 ± 0.028 χ^2/NDF : 21.6/7

In: -0.073 ± 0.035 χ^2/NDF : 1.6/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.040 ± 0.028 χ^2/NDF : 21.6/7

asym_usl_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.217+/-0.025 χ^2/NDF : 240827.0/2

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

Right Out: 57.464+/-0.034 χ^2/NDF : 166425.8/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

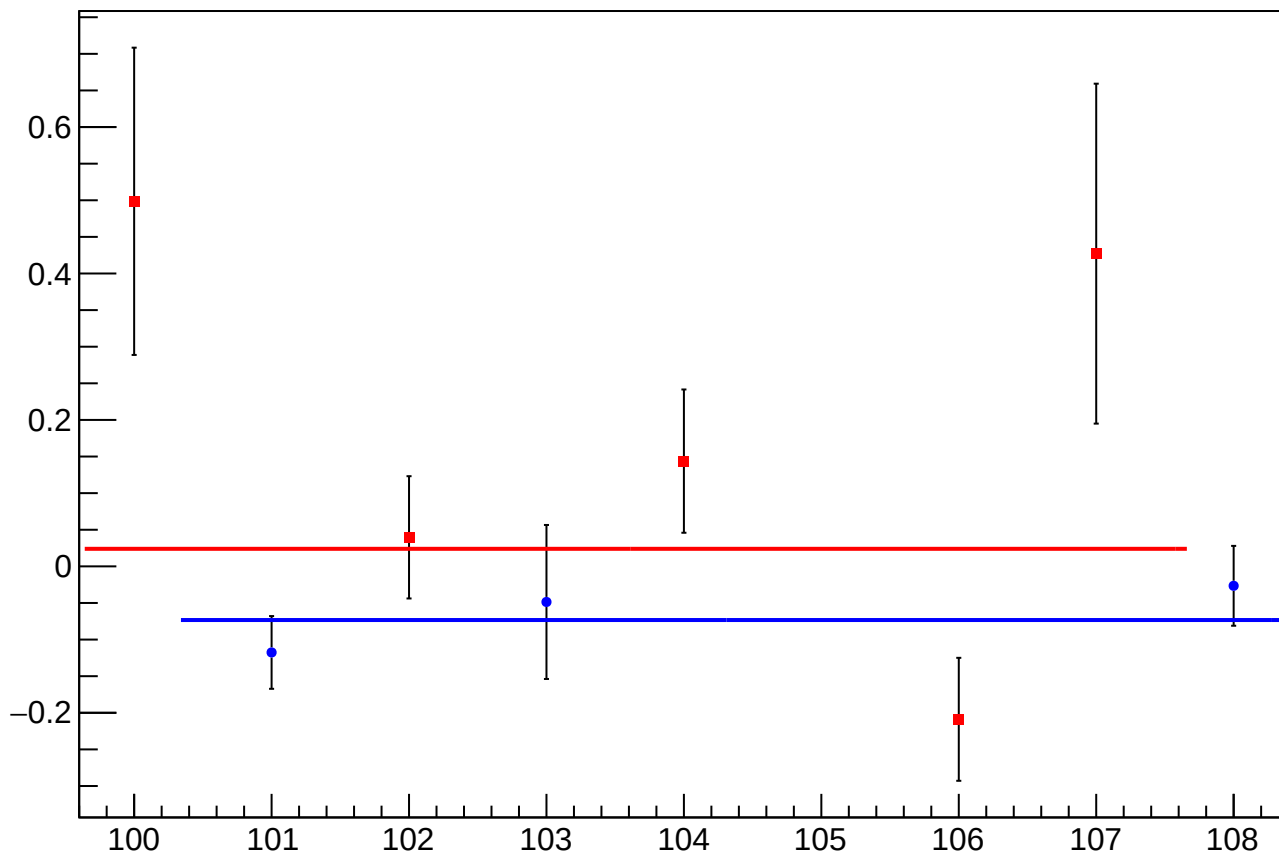
Right: 45.444+/-0.020 χ^2/NDF : 596296.5/7

In: 39.217+/-0.025 χ^2/NDF :240827.0/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 45.444+/-0.020 χ^2/NDF : 596296.5/7

asym_usl_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.073+/-0.035 χ^2/NDF : 1.6/2

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

Right Out: 0.024+/-0.048 χ^2/NDF : 17.4/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

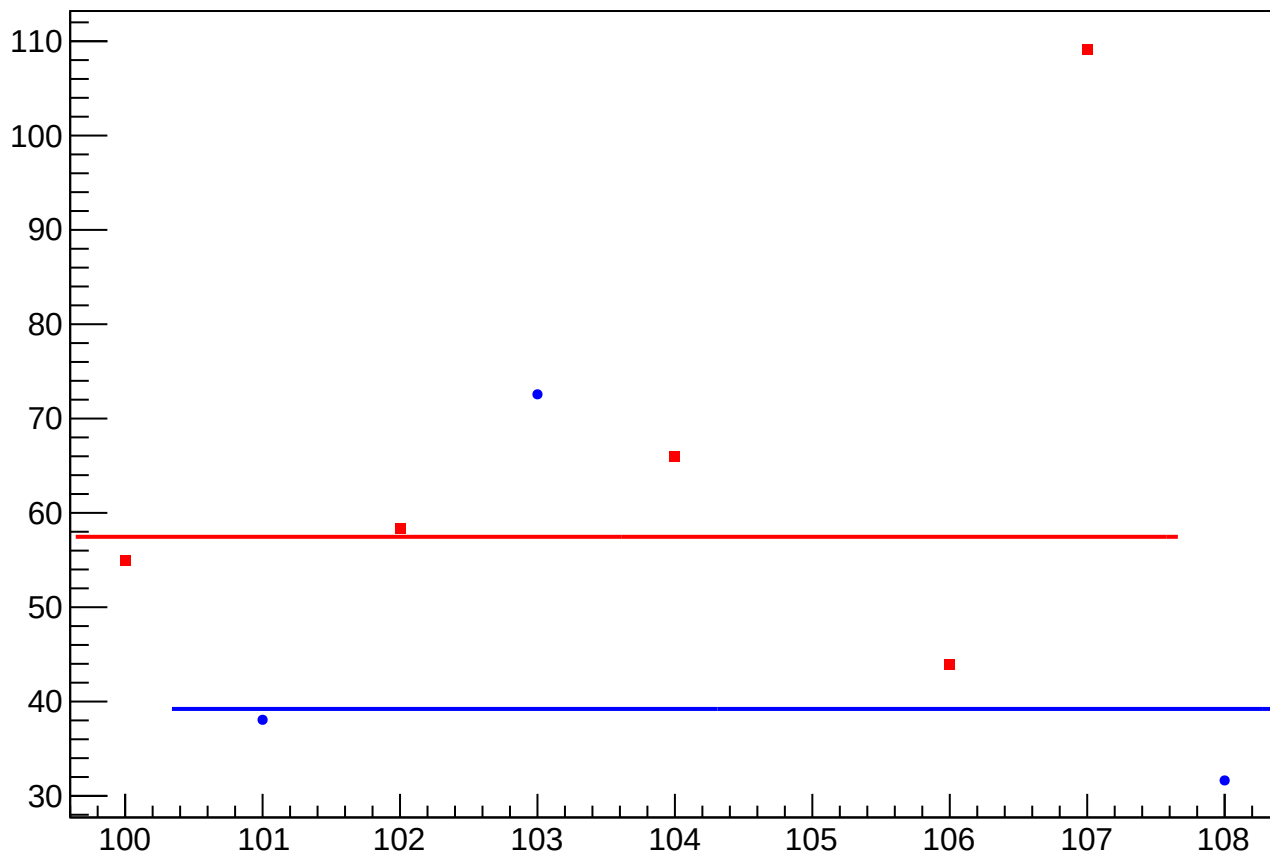
Right: -0.040+/-0.028 χ^2/NDF : 21.6/7

In: -0.073+/-0.035 χ^2/NDF :1.6/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.040+/-0.028 χ^2/NDF : 21.6/7

asym_usl_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.217+/-0.025 χ^2/NDF : 240827.0/2

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

Right Out: 57.464+/-0.034 χ^2/NDF : 166425.8/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

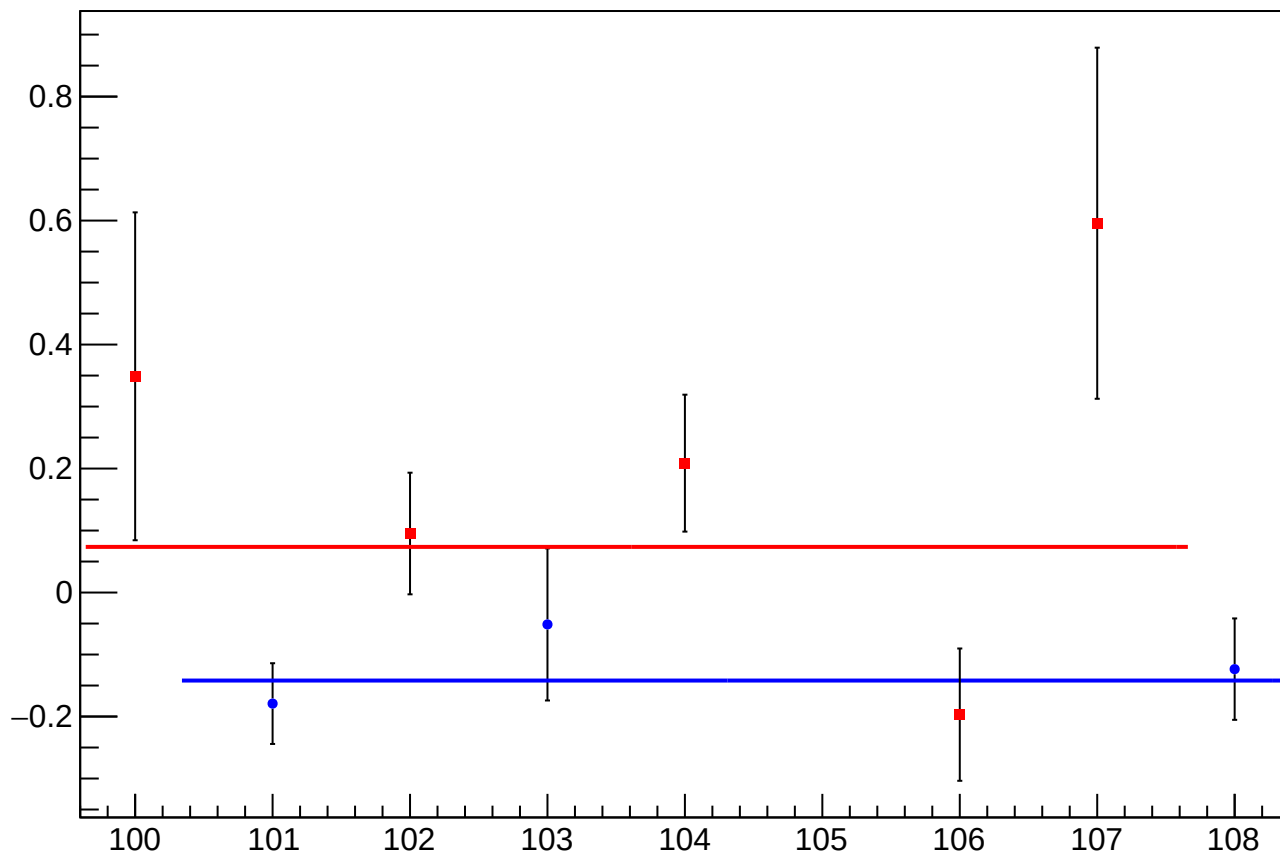
Right: 45.444+/-0.020 χ^2/NDF : 596296.5/7

In: 39.217+/-0.025 χ^2/NDF :240827.0/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 45.444+/-0.020 χ^2/NDF : 596296.5/7

asym_usl_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.142 ± 0.047 χ^2/NDF : 0.9/2

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

Right Out: 0.074 ± 0.058 χ^2/NDF : 12.5/4

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

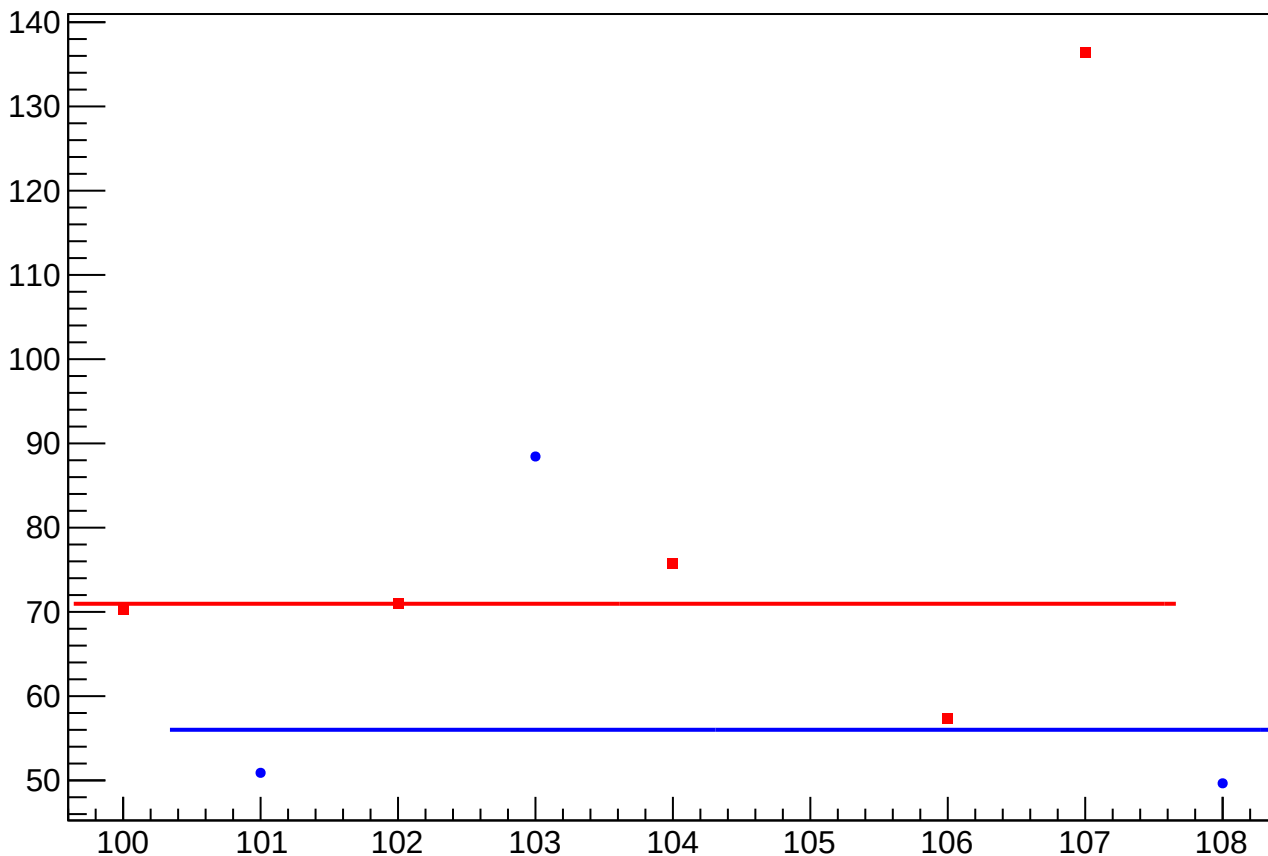
Right: -0.056 ± 0.036 χ^2/NDF : 21.8/7

In: -0.142 ± 0.047 χ^2/NDF : 0.9/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.056 ± 0.036 χ^2/NDF : 21.8/7

asym_usl_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.008+/-0.033 χ^2/NDF : 164163.0/2

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

Right Out: 70.966+/-0.041 χ^2/NDF : 143473.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

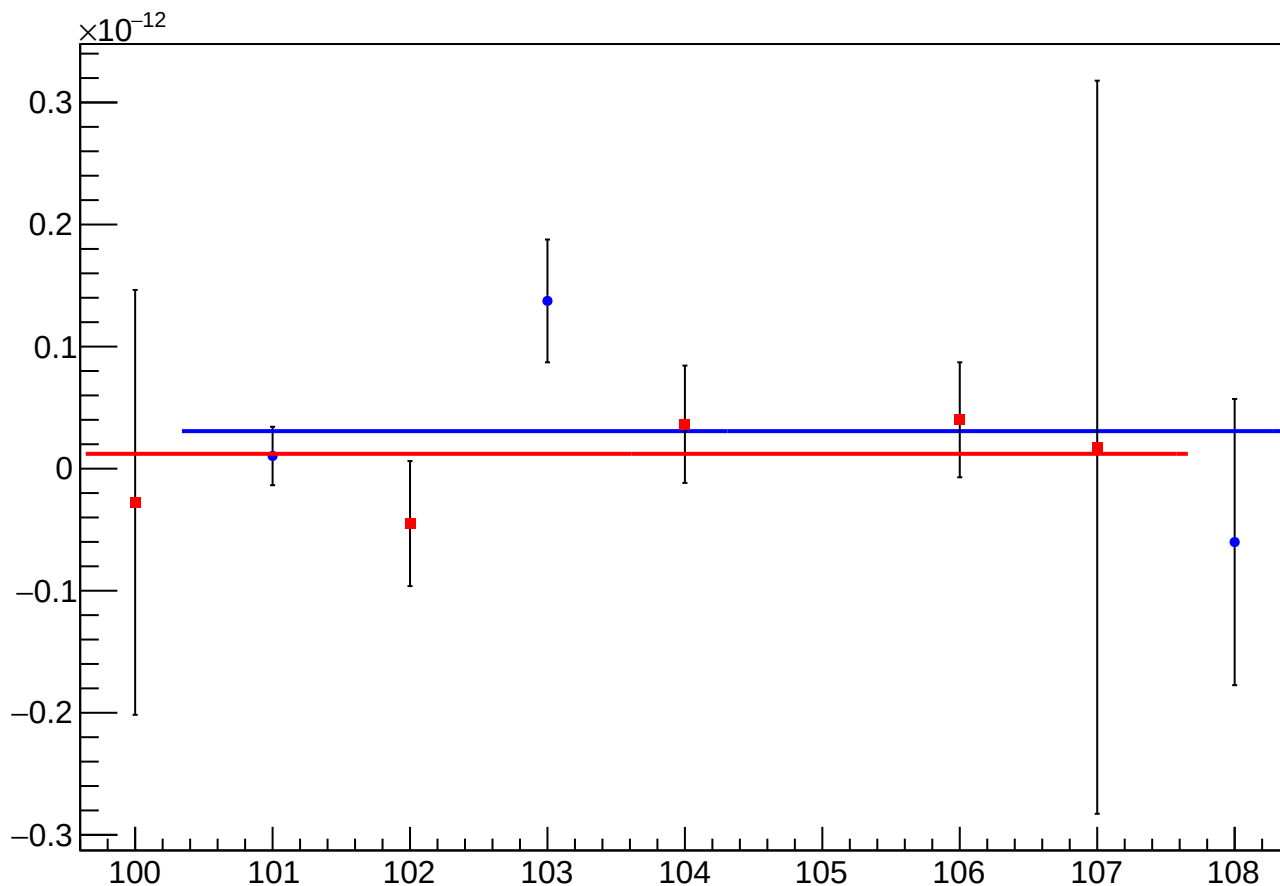
Right: 61.983+/-0.026 χ^2/NDF : 388389.2/7

In: 56.008+/-0.033 χ^2/NDF : 164163.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.983+/-0.026 χ^2/NDF : 388389.2/7

asym_usl_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.8/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

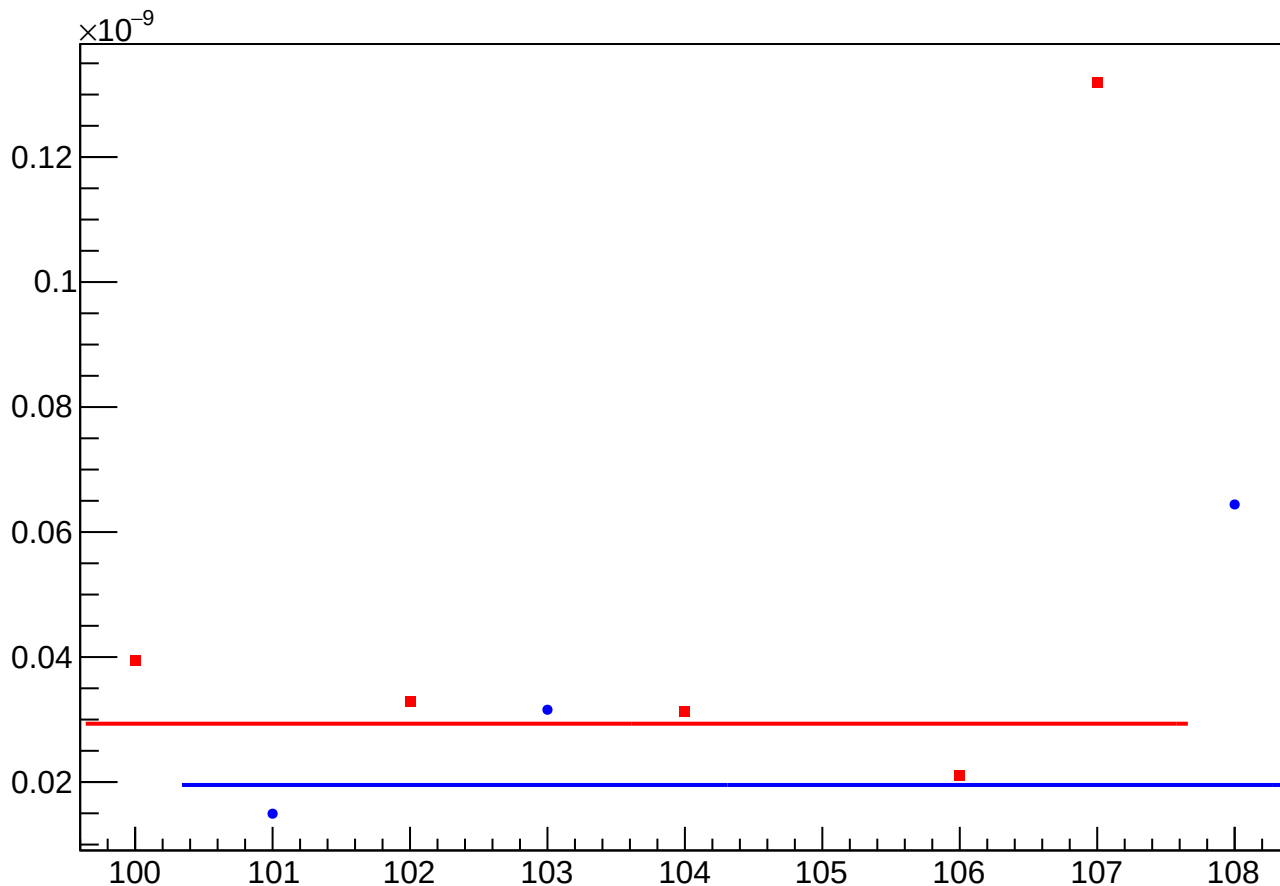
Right: 0.000+/-0.000 χ^2/NDF : 8.0/7

In: 0.000+/-0.000 χ^2/NDF : 5.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.0/7

asym_usl_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 481319.0/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 314666.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

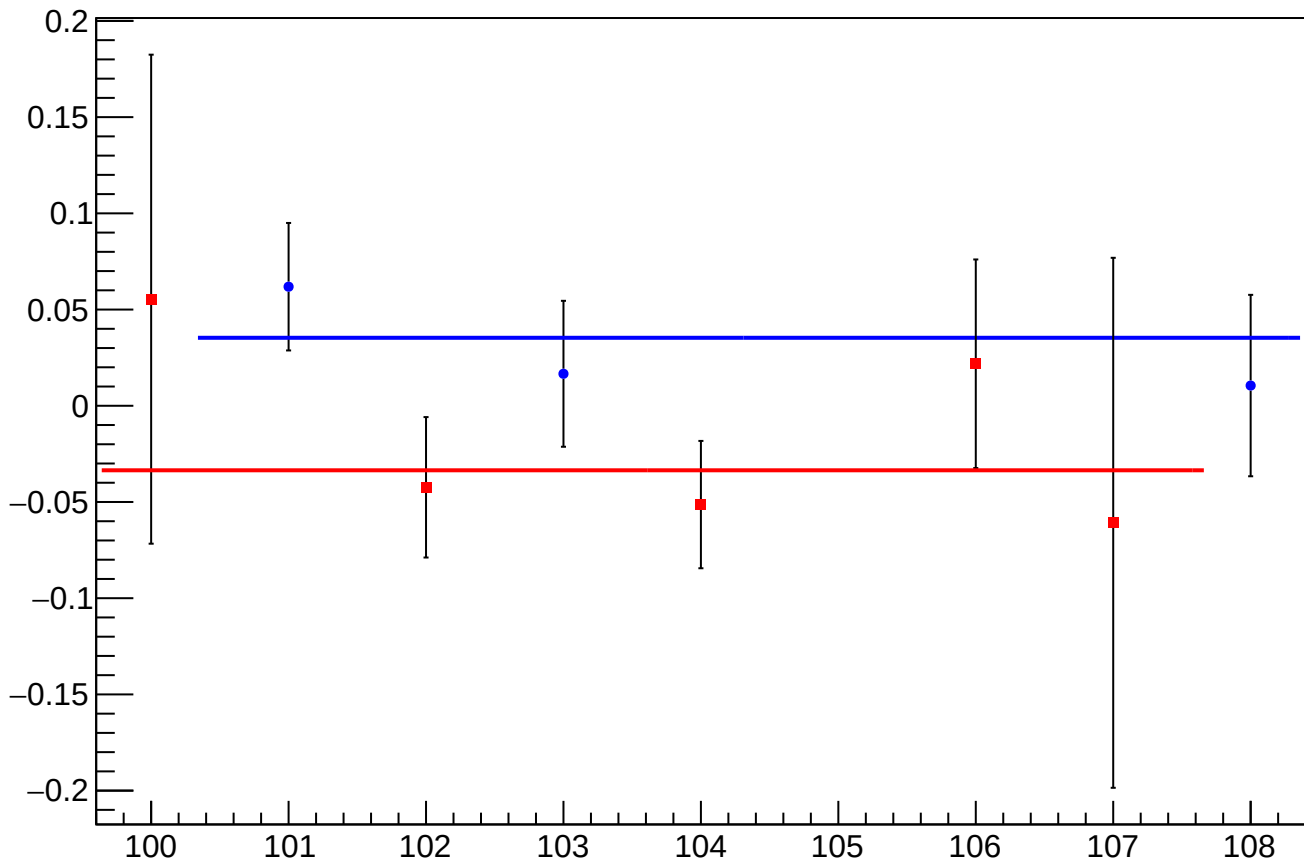
Right: 0.000+/-0.000 χ^2/NDF : 954099.9/7

In: 0.000+/-0.000 χ^2/NDF : 481319.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 954099.9/7

asym_usl_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035+/-0.022 χ^2/NDF : 1.2/2

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

Right Out: -0.034+/-0.022 χ^2/NDF : 1.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

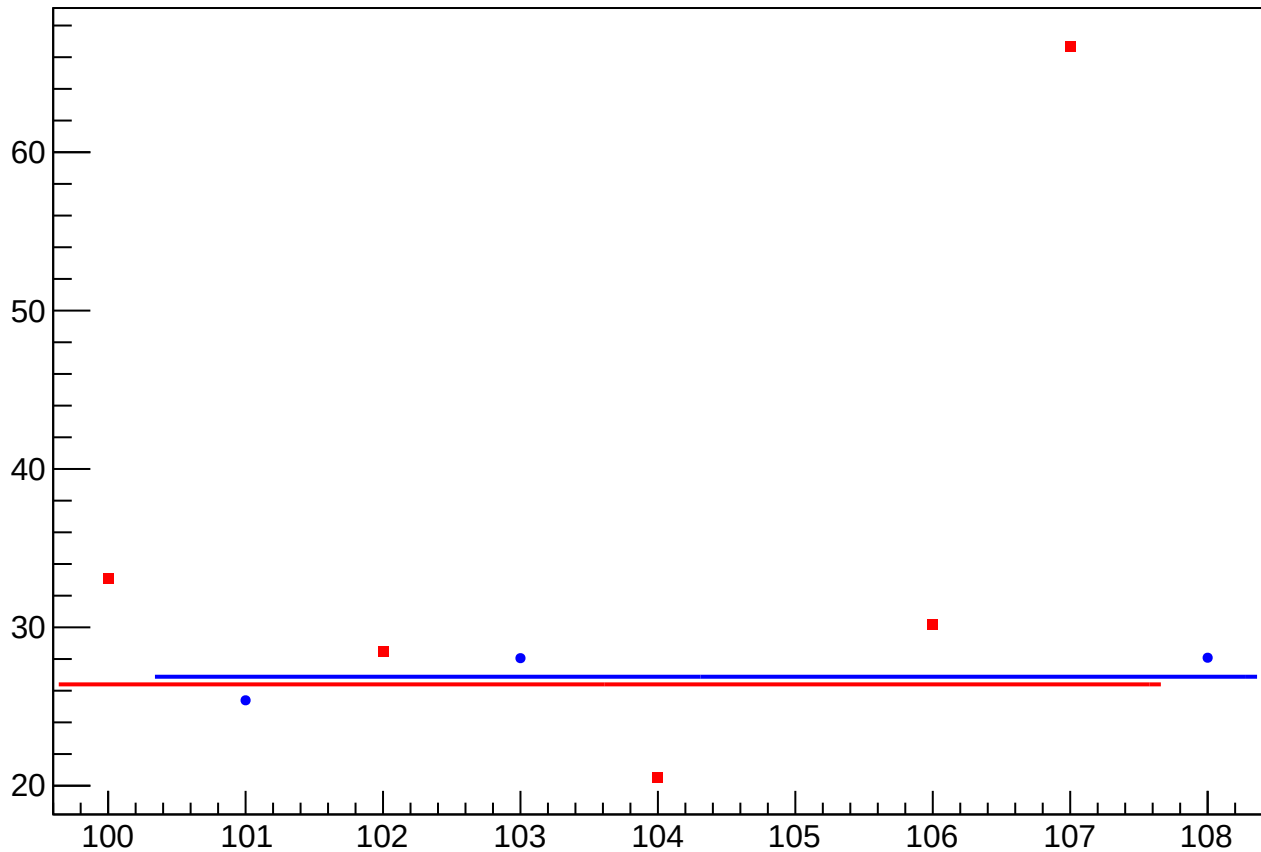
Right: 0.000+/-0.015 χ^2/NDF : 8.0/7

In: 0.035+/-0.022 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.015 χ^2/NDF : 8.0/7

asym_usl_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.882 $\pm$ 0.016 χ^2 /NDF: 7244.9/2

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

Right Out: 26.399 $\pm$ 0.015 χ^2 /NDF: 255899.0/4

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

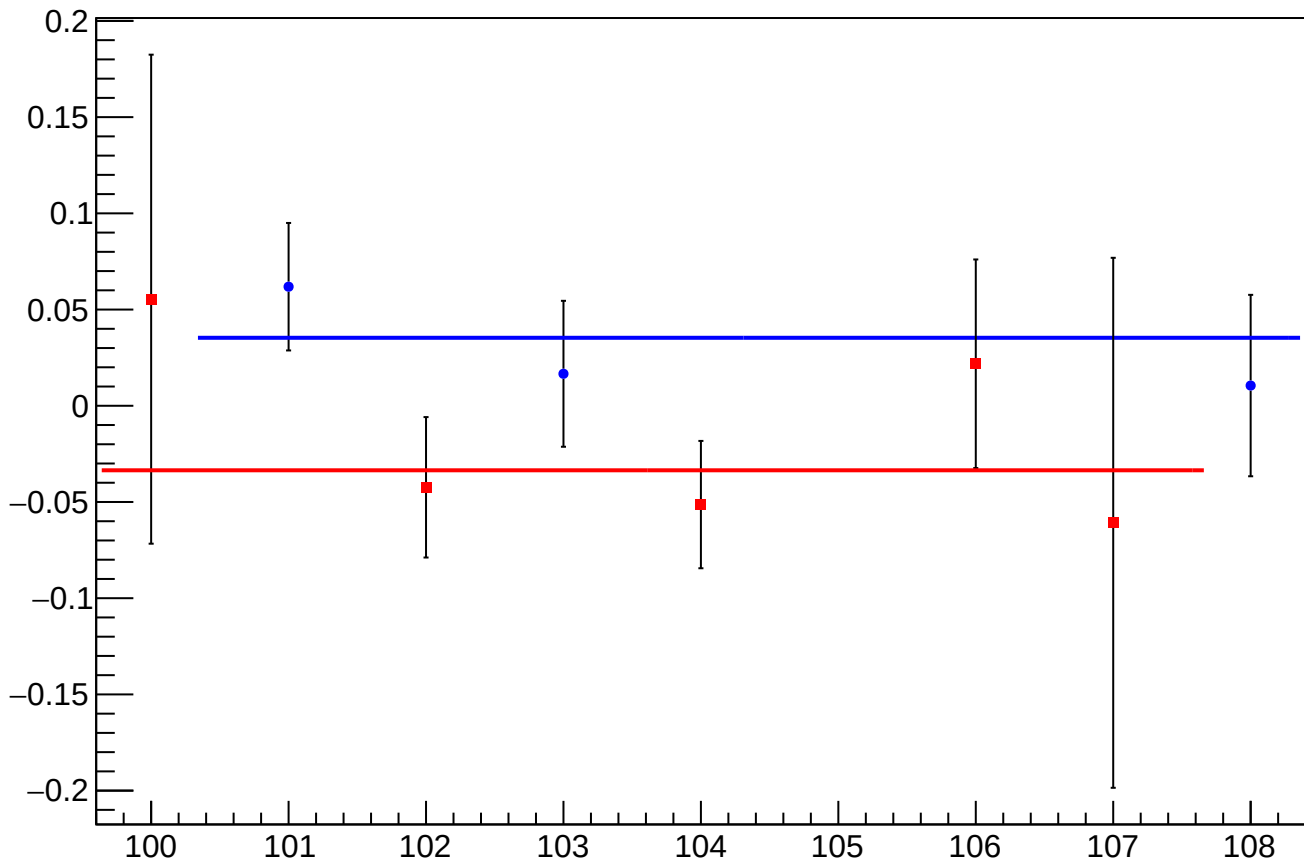
Right: 26.637 $\pm$ 0.011 χ^2 /NDF: 263629.8/7

In: 26.882 $\pm$ 0.016 χ^2 /NDF: 7244.9/2

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

All: 26.637 $\pm$ 0.011 χ^2 /NDF: 263629.8/7

asym_usl_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035 $\pm$ 0.022 χ^2 /NDF: 1.2/2

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

Right Out: -0.034 $\pm$ 0.022 χ^2 /NDF: 1.9/4

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

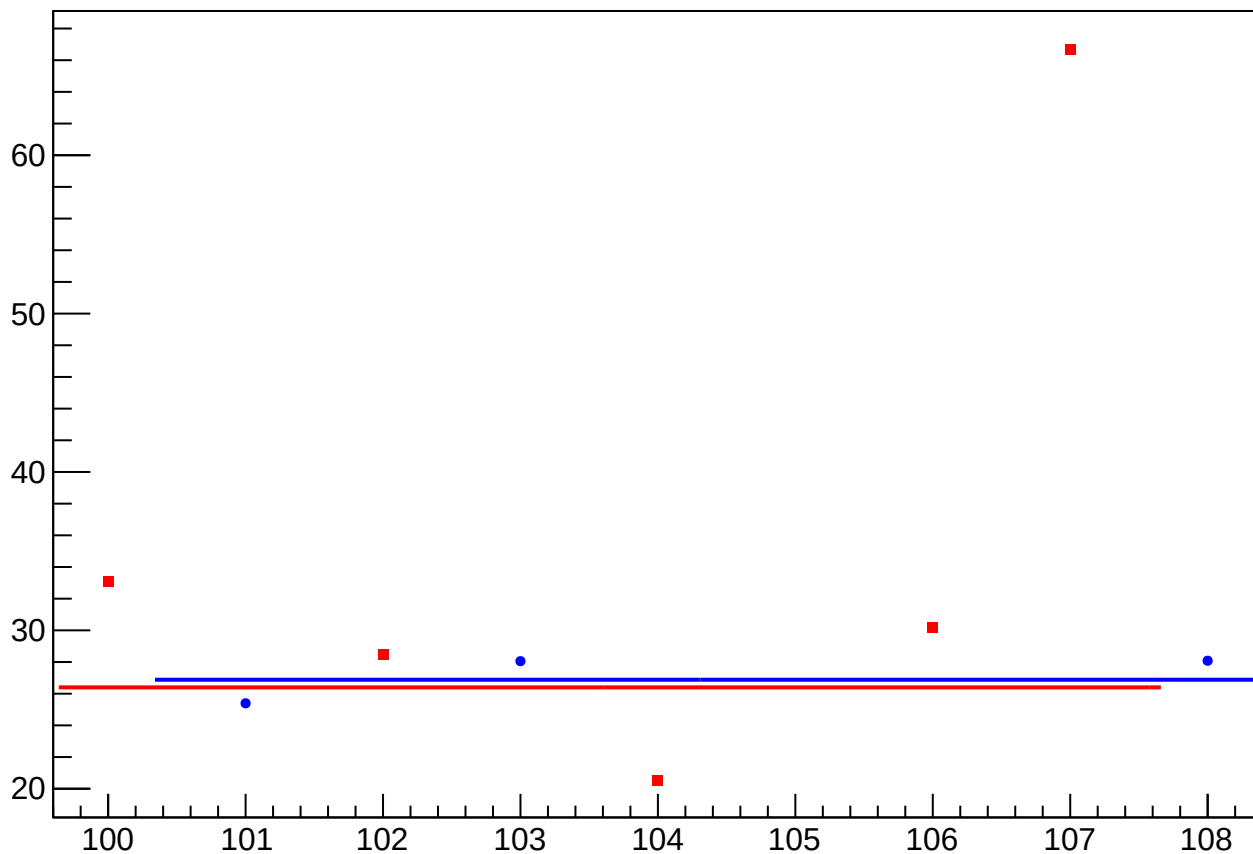
Right: 0.000 $\pm$ 0.015 χ^2 /NDF: 8.0/7

In: 0.035 $\pm$ 0.022 χ^2 /NDF: 1.2/2

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

All: 0.000 $\pm$ 0.015 χ^2 /NDF: 8.0/7

asym_usl_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.882 $\pm$ 0.016 χ^2 /NDF: 7244.9/2

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

Right Out: 26.399 $\pm$ 0.015 χ^2 /NDF: 255899.0/4

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

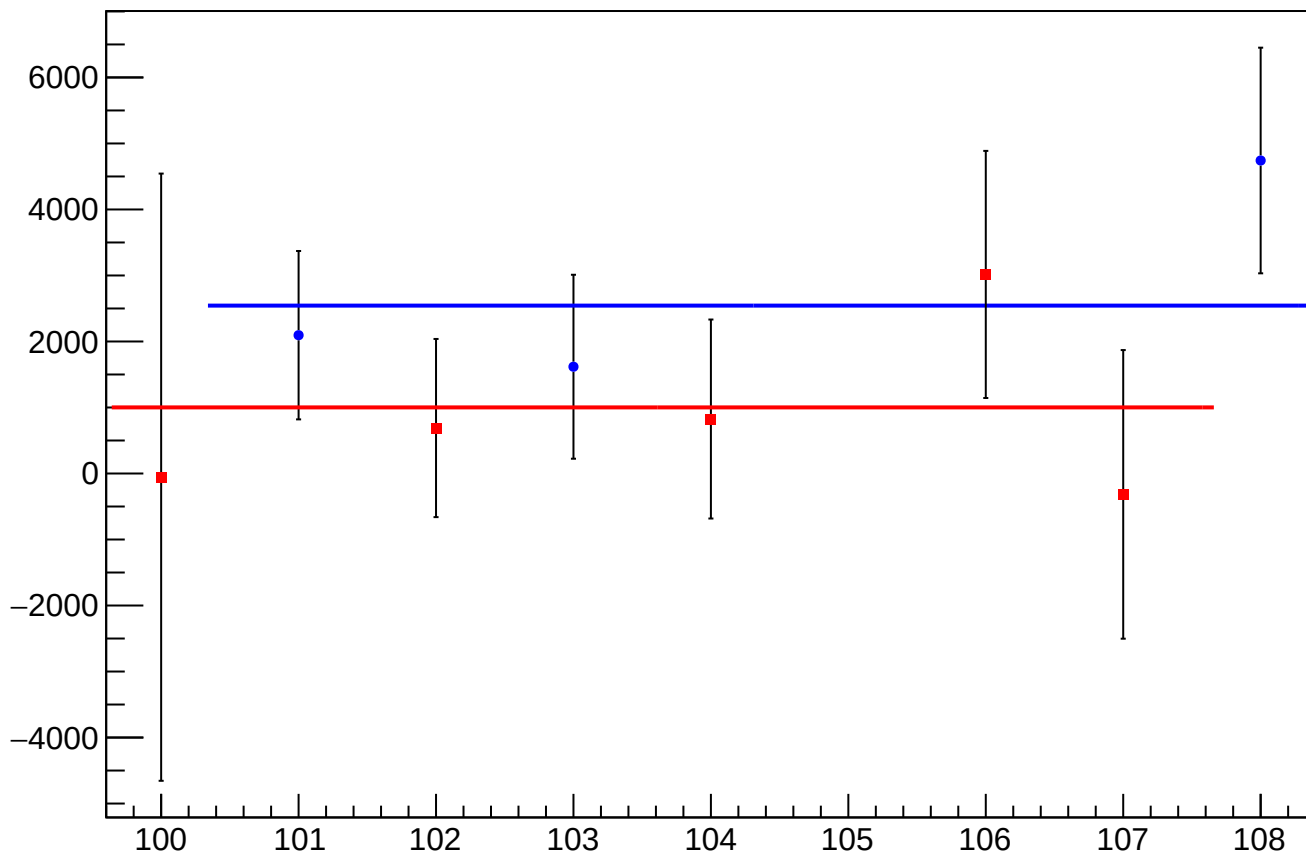
Right: 26.637 $\pm$ 0.011 χ^2 /NDF: 263629.8/7

In: 26.882 $\pm$ 0.016 χ^2 /NDF: 7244.9/2

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

All: 26.637 $\pm$ 0.011 χ^2 /NDF: 263629.8/7

reg_asym_usr_mean vs Slug, Sign Corrected



Right In: 2543.531 $\pm$ 824.257 χ^2 /NDF: 2.2/2

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

Right Out: 1001.430 $\pm$ 808.159 χ^2 /NDF: 1.6/4

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

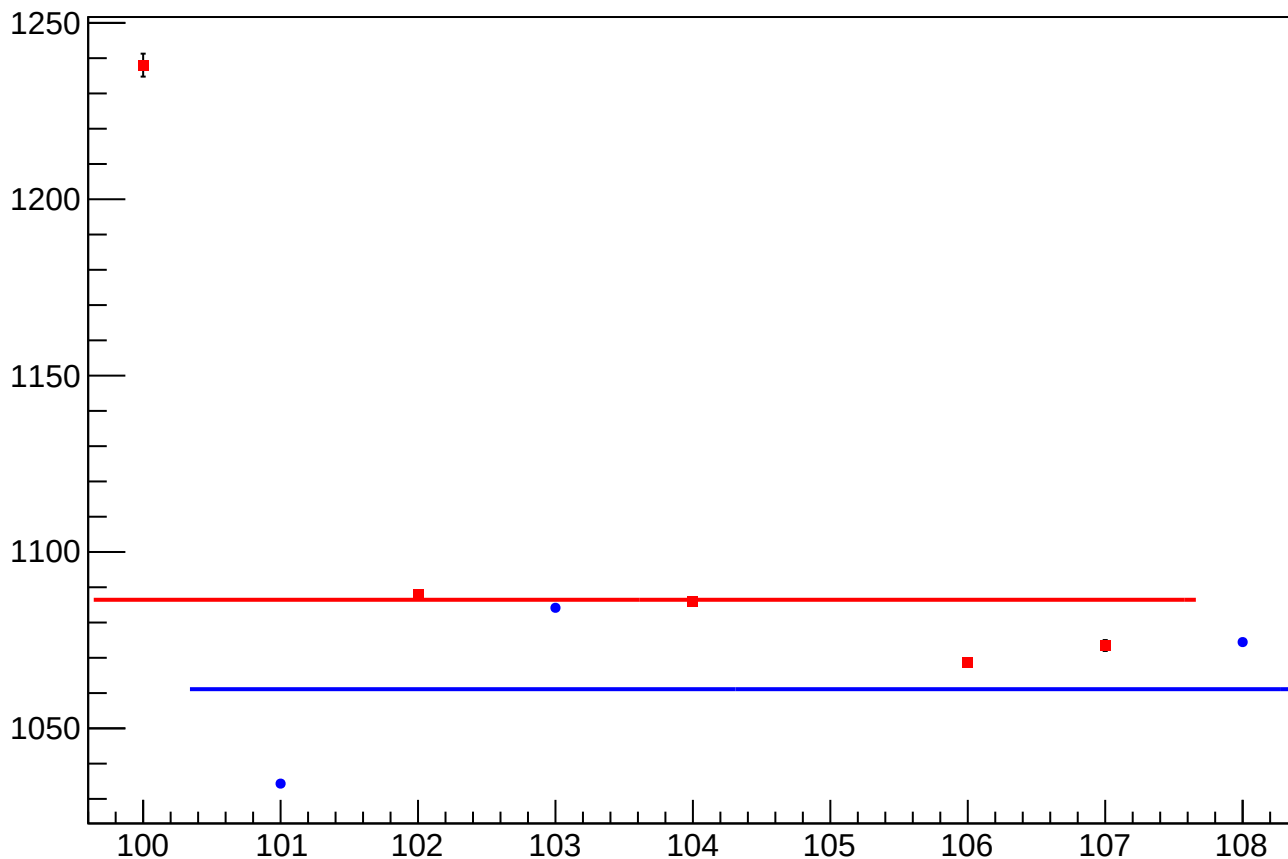
Right: 1757.274 $\pm$ 577.062 χ^2 /NDF: 5.6/7

In: 2543.531 $\pm$ 824.257 χ^2 /NDF: 2.2/2

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

All: 1757.274 $\pm$ 577.062 χ^2 /NDF: 5.6/7

reg_asym_usr_rms vs Slug, Sign Corrected



Right In: 1061.104 $\pm$ 0.583 χ^2 /NDF: 1551.6/2

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

Right Out: 1086.452 $\pm$ 0.571 χ^2 /NDF: 2427.6/4

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

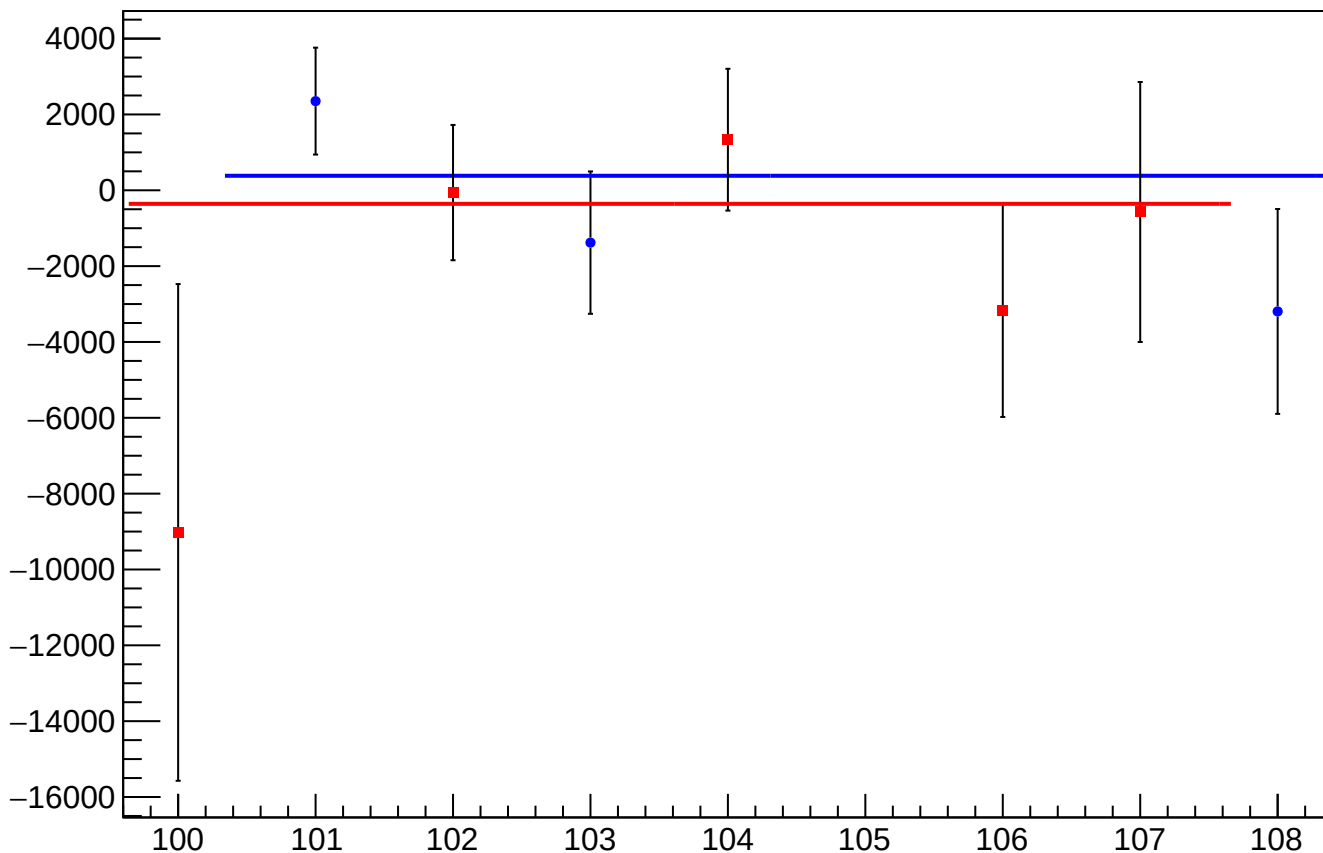
Right: 1074.028 $\pm$ 0.408 χ^2 /NDF: 4943.5/7

In: 1061.104 $\pm$ 0.583 χ^2 /NDF: 1551.6/2

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

All: 1074.028 $\pm$ 0.408 χ^2 /NDF: 4943.5/7

asym_usr_reg_correction_mean vs Slug, Sign Corrected



Right In: 382.957+/-1040.289 χ^2/NDF : 4.6/2

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

Right Out: -357.090+/-1094.130 χ^2/NDF : 3.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

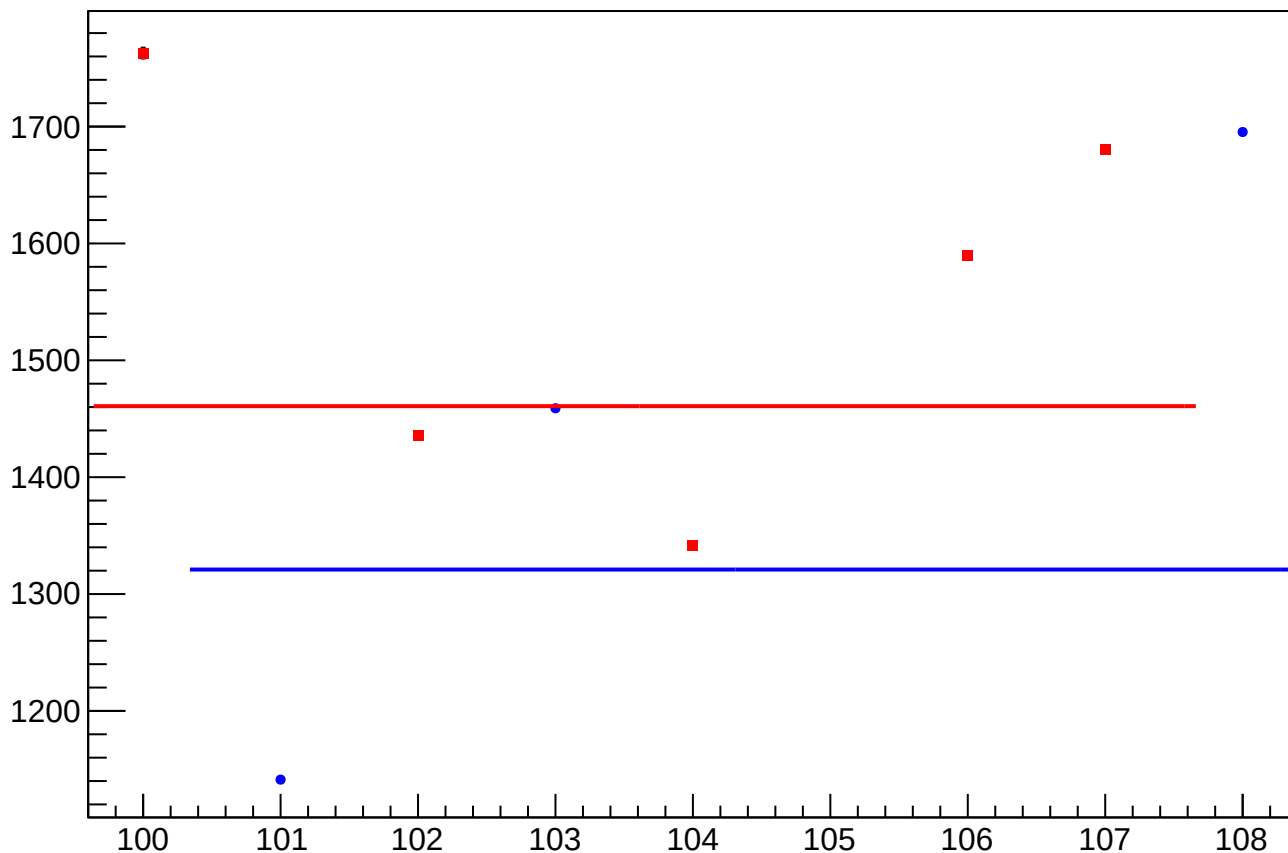
Right: 31.589+/-753.911 χ^2/NDF : 8.4/7

In: 382.957+/-1040.289 χ^2/NDF : 4.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.589+/-753.911 χ^2/NDF : 8.4/7

asym_usr_reg_correction_rms vs Slug, Sign Corrected



Right In: 1320.973+/-0.736 χ^2/NDF : 81751.0/2

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

Right Out: 1460.769+/-0.774 χ^2/NDF : 25223.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

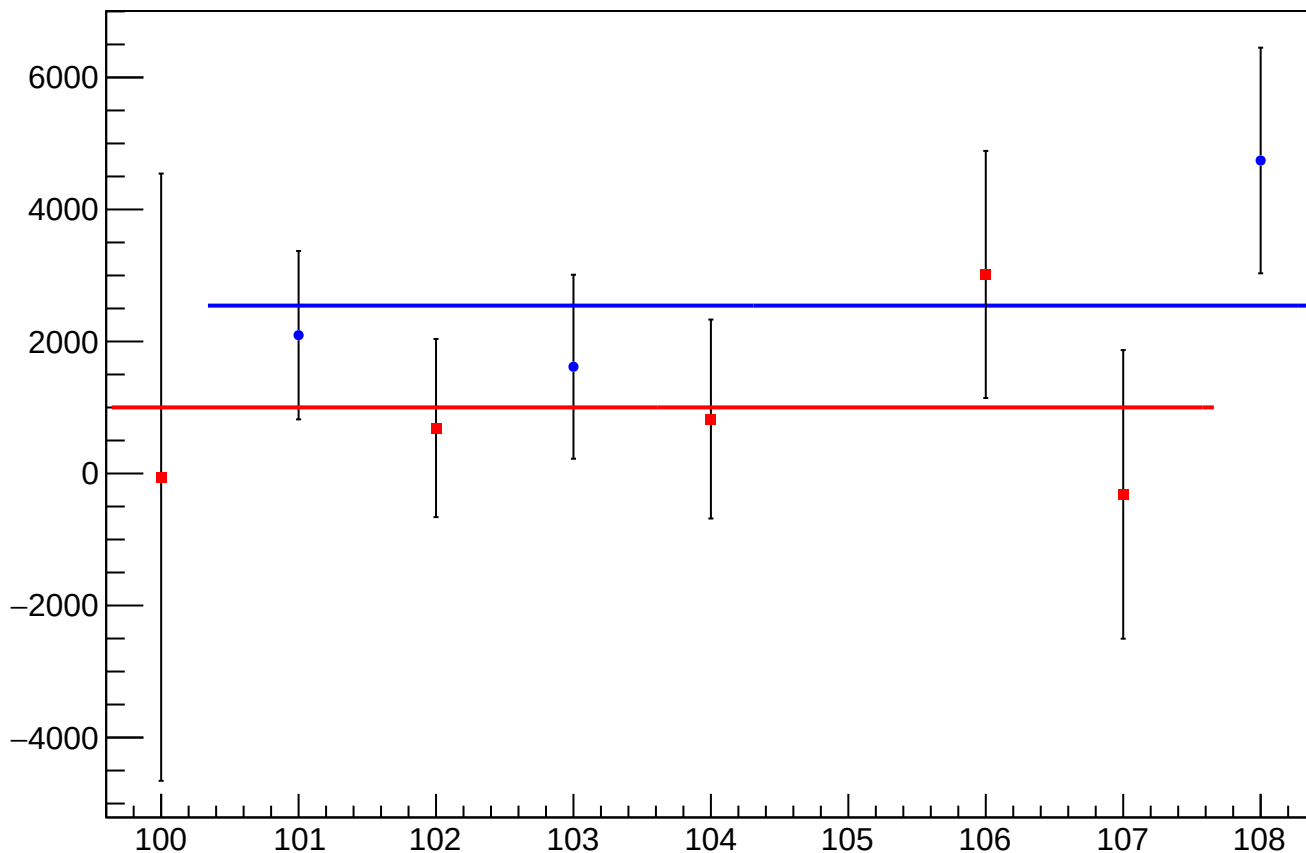
Right: 1387.347+/-0.533 χ^2/NDF : 124122.6/7

In: 1320.973+/-0.736 χ^2/NDF : 81751.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1387.347+/-0.533 χ^2/NDF : 124122.6/7

cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2543.531 $\pm$ 824.257 χ^2 /NDF: 2.2/2

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

Right Out: 1001.430 $\pm$ 808.159 χ^2 /NDF: 1.6/4

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

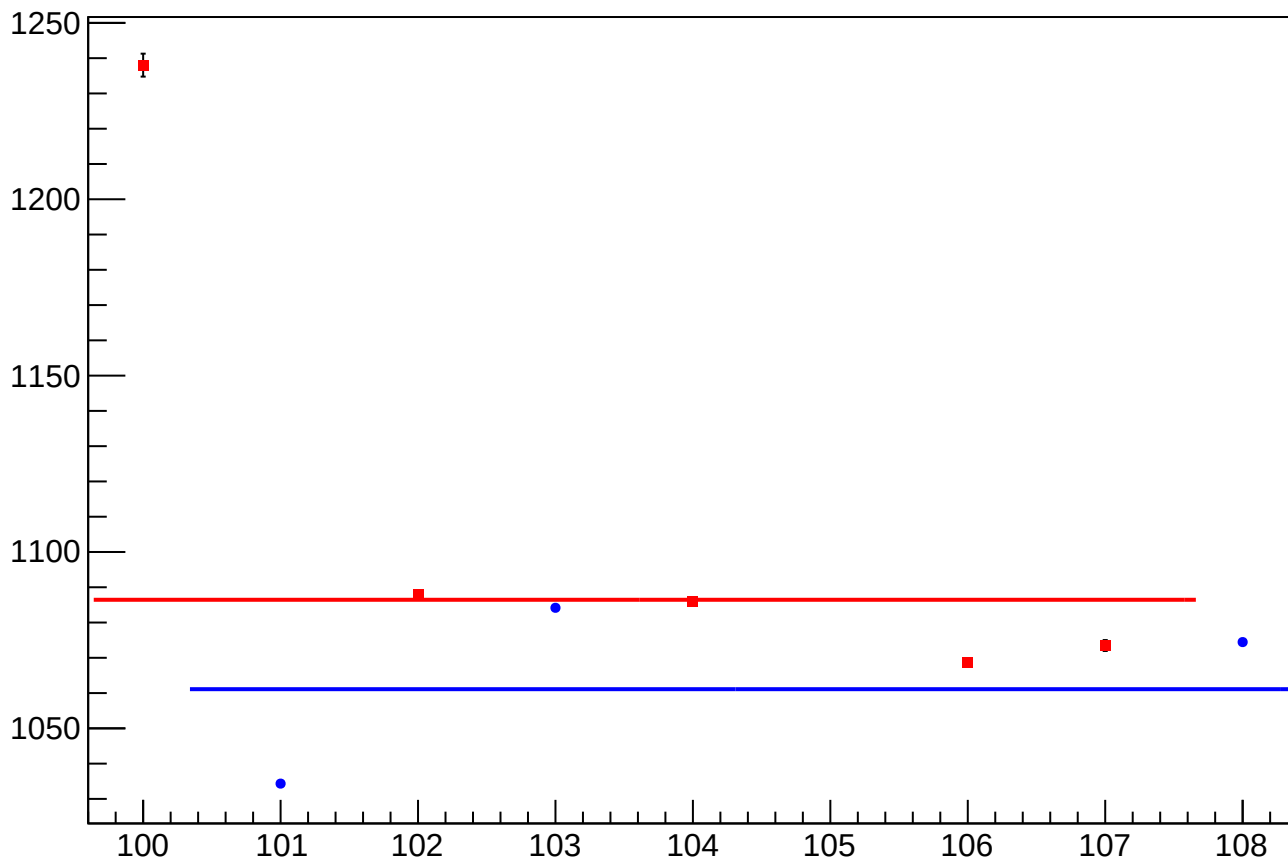
Right: 1757.274 $\pm$ 577.062 χ^2 /NDF: 5.6/7

In: 2543.531 $\pm$ 824.257 χ^2 /NDF: 2.2/2

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

All: 1757.274 $\pm$ 577.062 χ^2 /NDF: 5.6/7

cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1061.104 $\pm$ 0.583 χ^2/NDF : 1551.6/2

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

Right Out: 1086.452 $\pm$ 0.571 χ^2/NDF : 2427.6/4

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

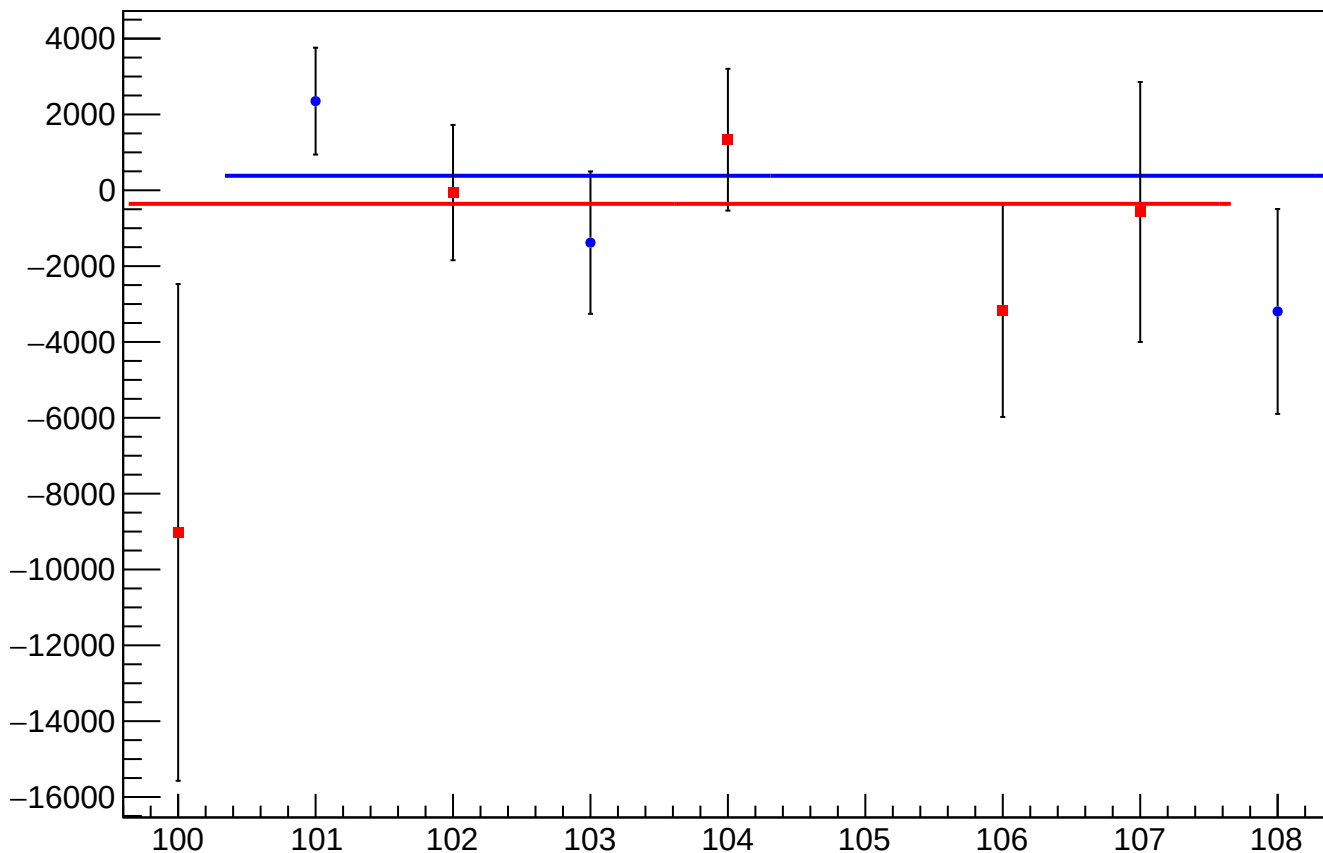
Right: 1074.028 $\pm$ 0.408 χ^2/NDF : 4943.5/7

In: 1061.104 $\pm$ 0.583 χ^2/NDF : 1551.6/2

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

All: 1074.028 $\pm$ 0.408 χ^2/NDF : 4943.5/7

asym_usr_cor_correction_mean vs Slug, Sign Corrected



Right In: 382.957+/-1040.289 χ^2/NDF : 4.6/2

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

Right Out: -357.090+/-1094.130 χ^2/NDF : 3.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

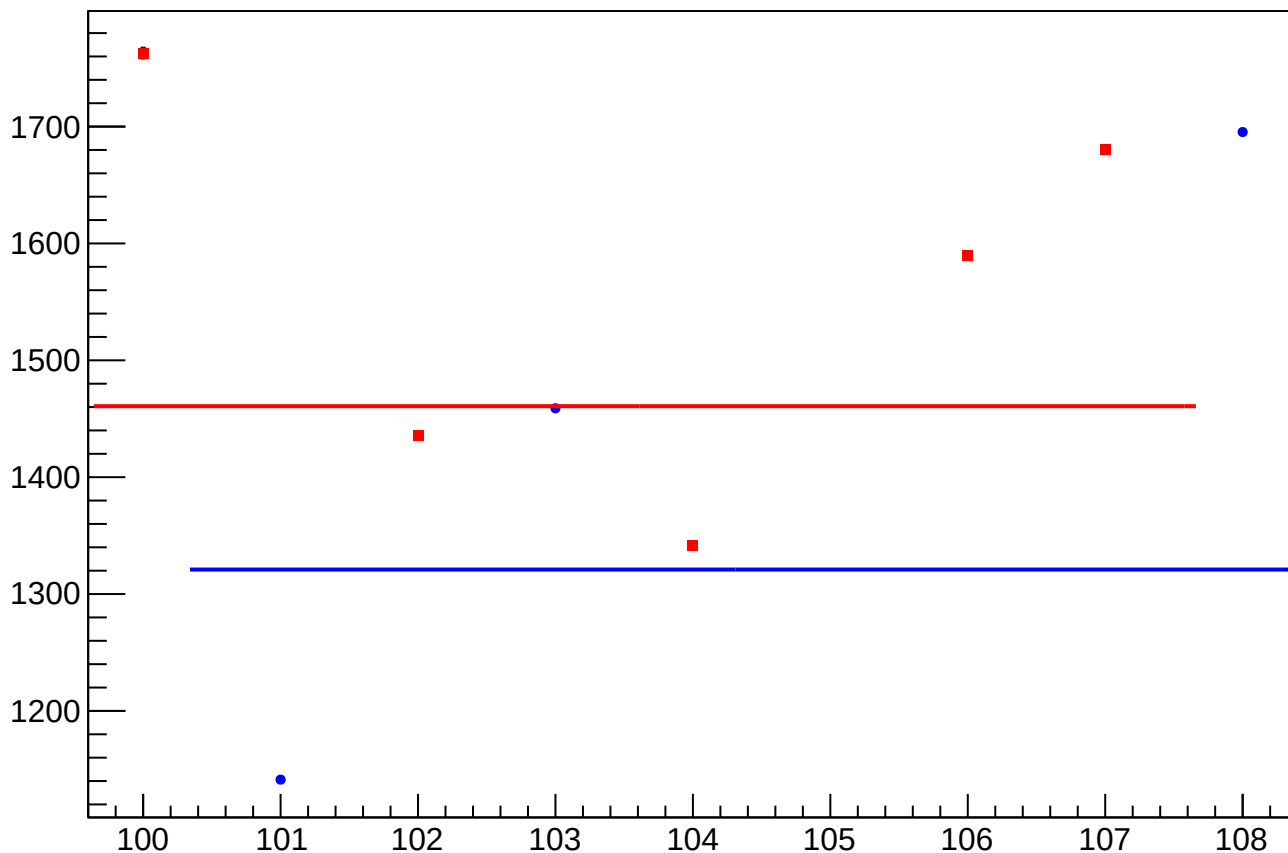
Right: 31.589+/-753.911 χ^2/NDF : 8.4/7

In: 382.957+/-1040.289 χ^2/NDF : 4.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.589+/-753.911 χ^2/NDF : 8.4/7

asym_usr_cor_correction_rms vs Slug, Sign Corrected



Right In: 1320.973+/-0.736 χ^2/NDF : 81751.0/2

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

Right Out: 1460.769+/-0.774 χ^2/NDF : 25223.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

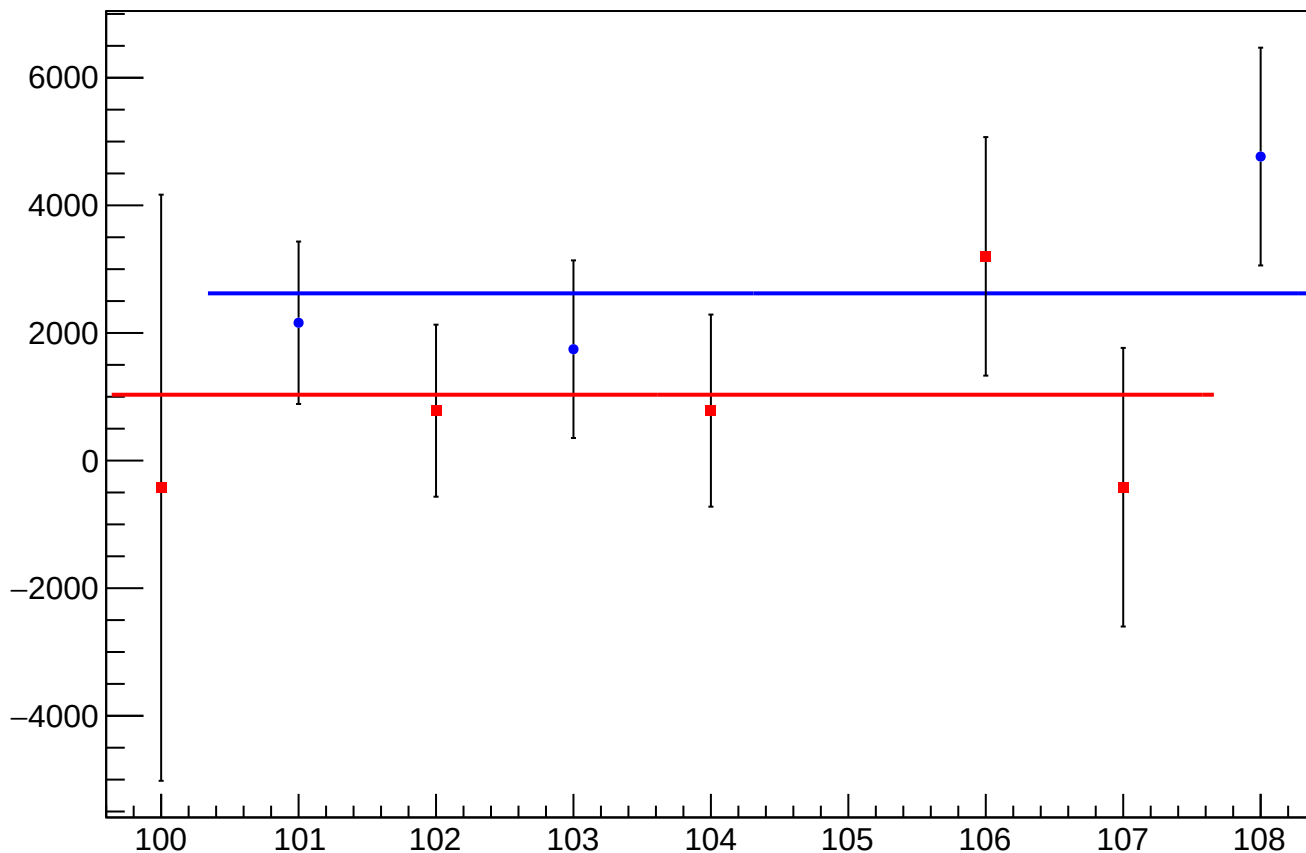
Right: 1387.347+/-0.533 χ^2/NDF : 124122.6/7

In: 1320.973+/-0.736 χ^2/NDF : 81751.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1387.347+/-0.533 χ^2/NDF : 124122.6/7

overload_cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2620.956+/-822.982 χ^2/NDF : 2.1/2

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

Right Out: 1032.157+/-807.228 χ^2/NDF : 1.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

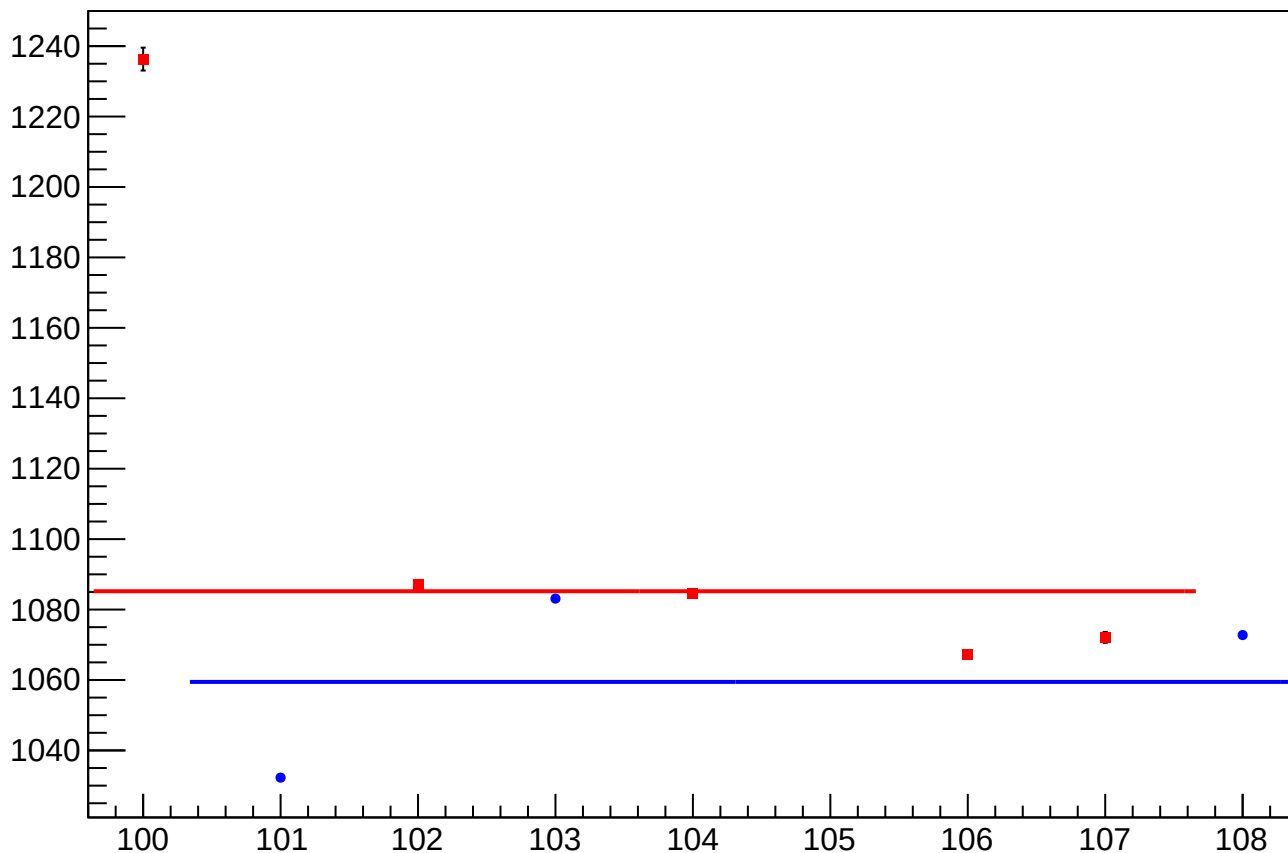
Right: 1811.203+/-576.286 χ^2/NDF : 6.0/7

In: 2620.956+/-822.982 χ^2/NDF : 2.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1811.203+/-576.286 χ^2/NDF : 6.0/7

overload_cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1059.454+/-0.582 χ^2/NDF : 1610.7/2

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

Right Out: 1085.200+/-0.571 χ^2/NDF : 2427.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

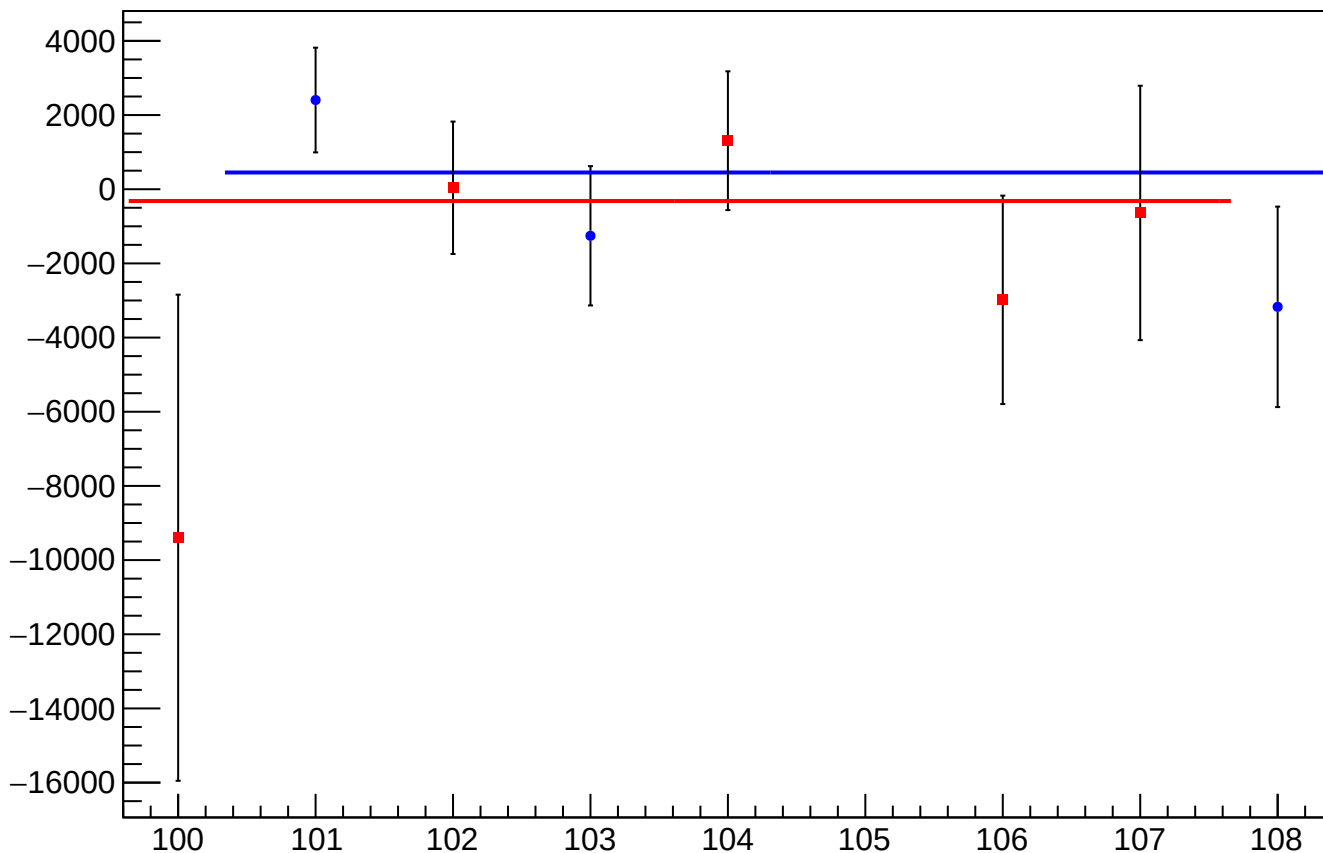
Right: 1072.576+/-0.407 χ^2/NDF : 5035.5/7

In: 1059.454+/-0.582 χ^2/NDF : 1610.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1072.576+/-0.407 χ^2/NDF : 5035.5/7

asym_usr_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 451.508+/-1041.499 χ^2/NDF : 4.5/2

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

Right Out: -317.711+/-1094.832 χ^2/NDF : 3.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

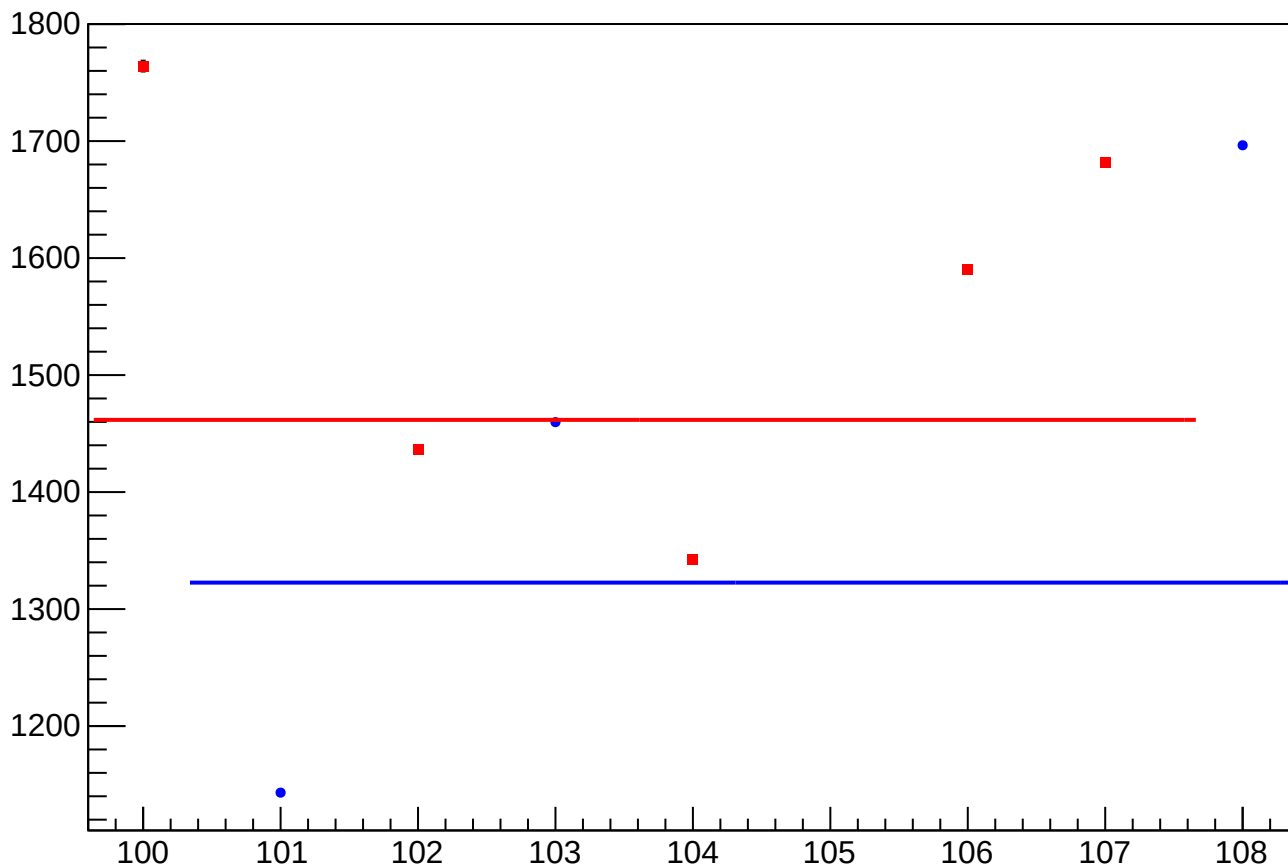
Right: 86.090+/-754.601 χ^2/NDF : 8.4/7

In: 451.508+/-1041.499 χ^2/NDF : 4.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.090+/-754.601 χ^2/NDF : 8.4/7

asym_usr_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 1322.620+/-0.736 χ^2/NDF : 81242.3/2

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

Right Out: 1461.726+/-0.774 χ^2/NDF : 25178.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

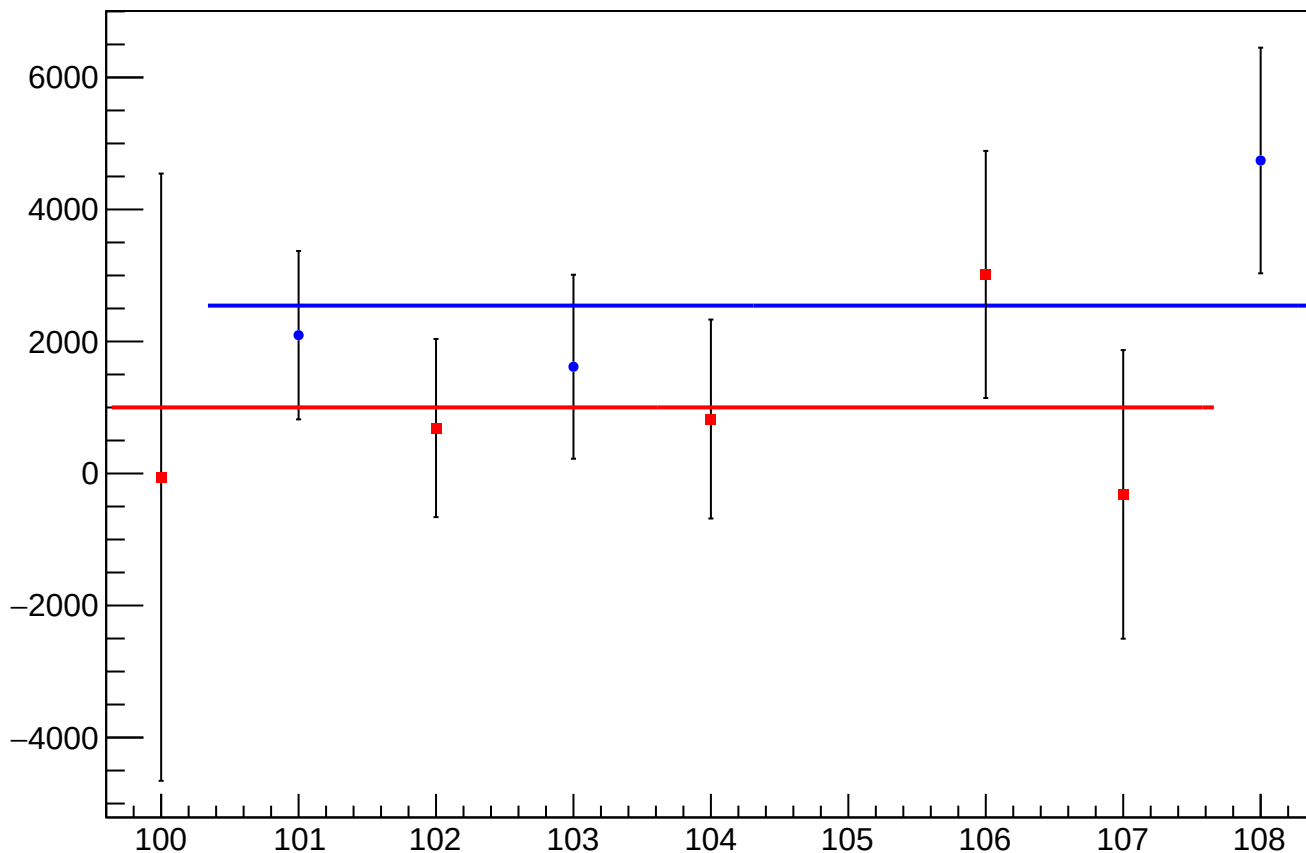
Right: 1388.703+/-0.534 χ^2/NDF : 123369.6/7

In: 1322.620+/-0.736 χ^2/NDF : 81242.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1388.703+/-0.534 χ^2/NDF : 123369.6/7

eigen_cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2543.531+/-824.257 χ^2/NDF : 2.2/2

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

Right Out: 1001.430+/-808.159 χ^2/NDF : 1.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

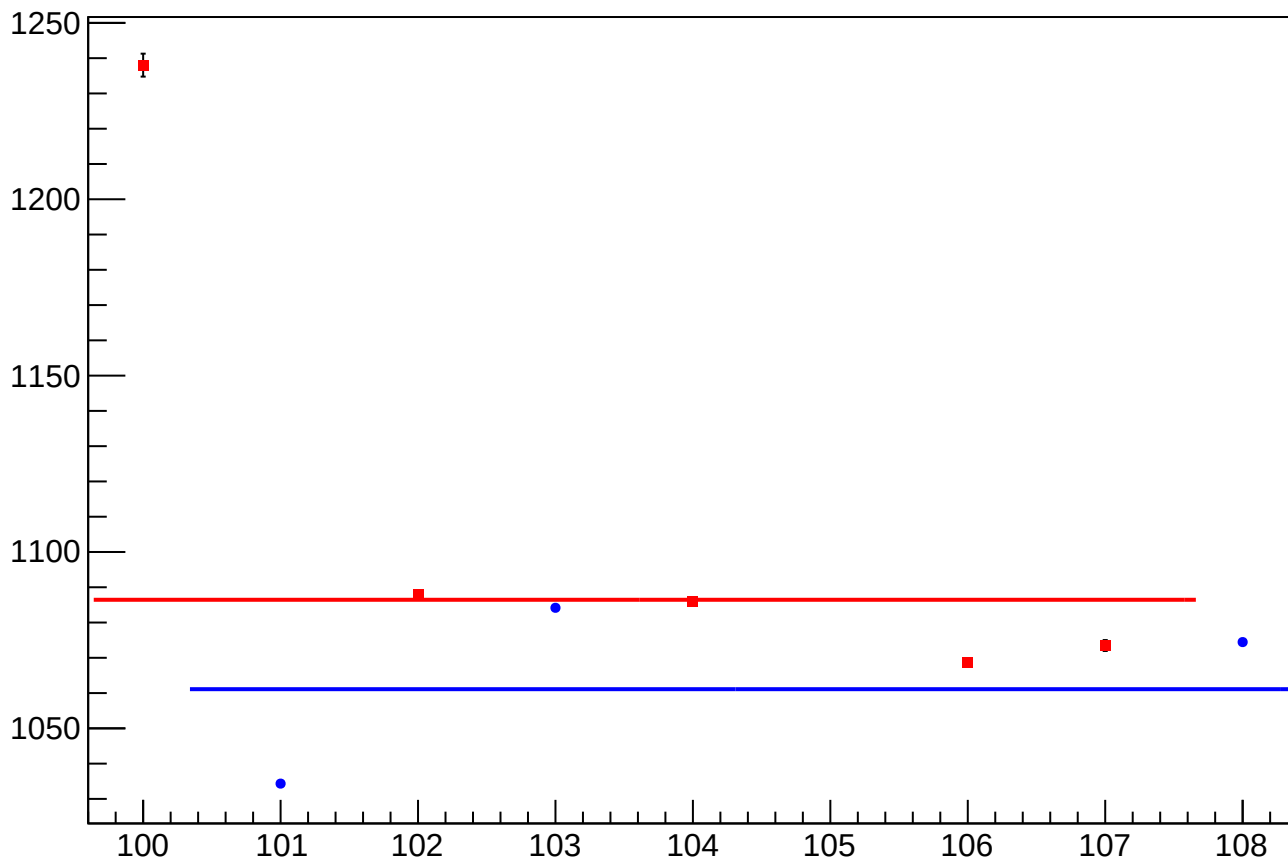
Right: 1757.274+/-577.062 χ^2/NDF : 5.6/7

In: 2543.531+/-824.257 χ^2/NDF : 2.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1757.274+/-577.062 χ^2/NDF : 5.6/7

eigen_cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1061.104+/-0.583 χ^2/NDF : 1551.6/2

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

Right Out: 1086.452+/-0.571 χ^2/NDF : 2427.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

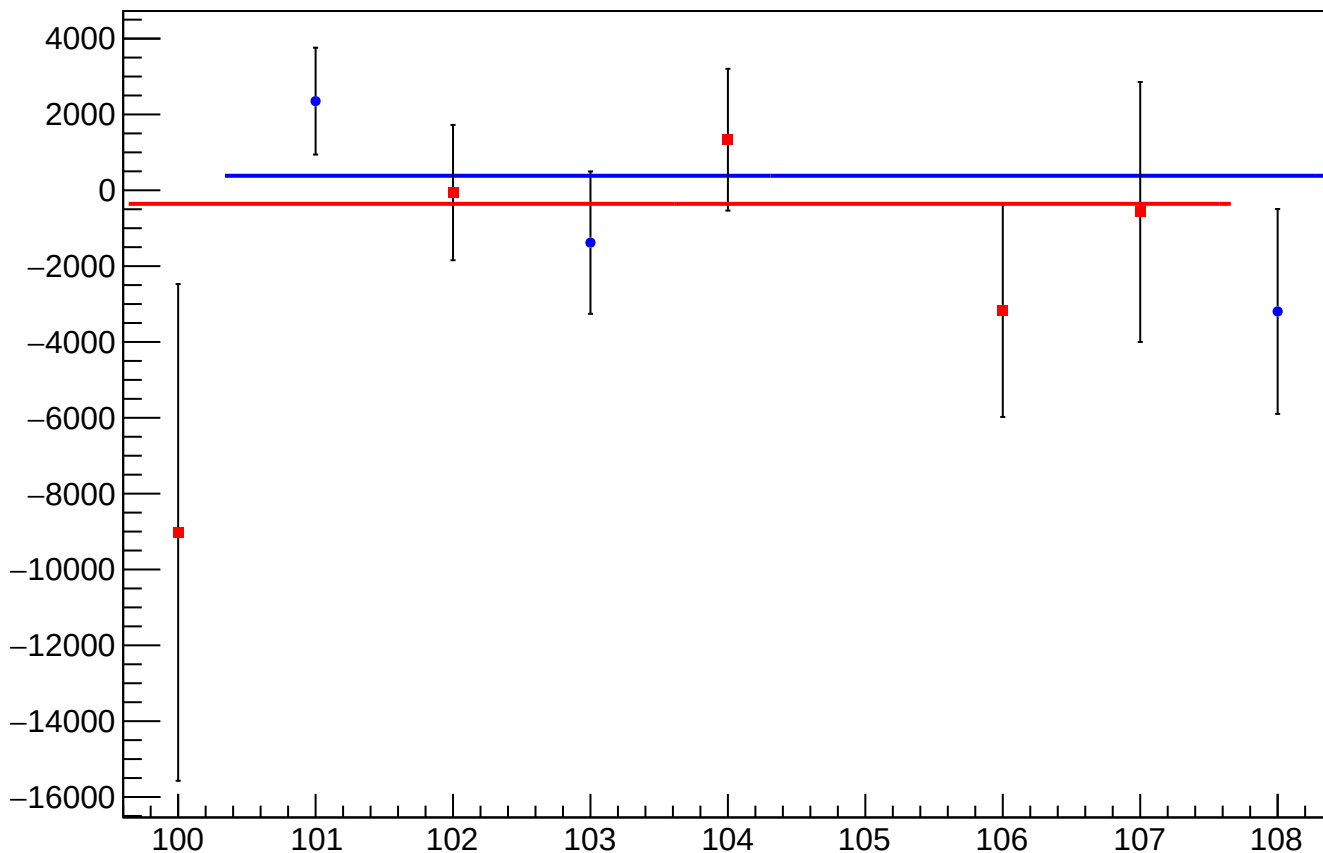
Right: 1074.028+/-0.408 χ^2/NDF : 4943.5/7

In: 1061.104+/-0.583 χ^2/NDF : 1551.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1074.028+/-0.408 χ^2/NDF : 4943.5/7

asym_usr_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 382.957+/-1040.289 χ^2/NDF : 4.6/2

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

Right Out: -357.090+/-1094.130 χ^2/NDF : 3.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

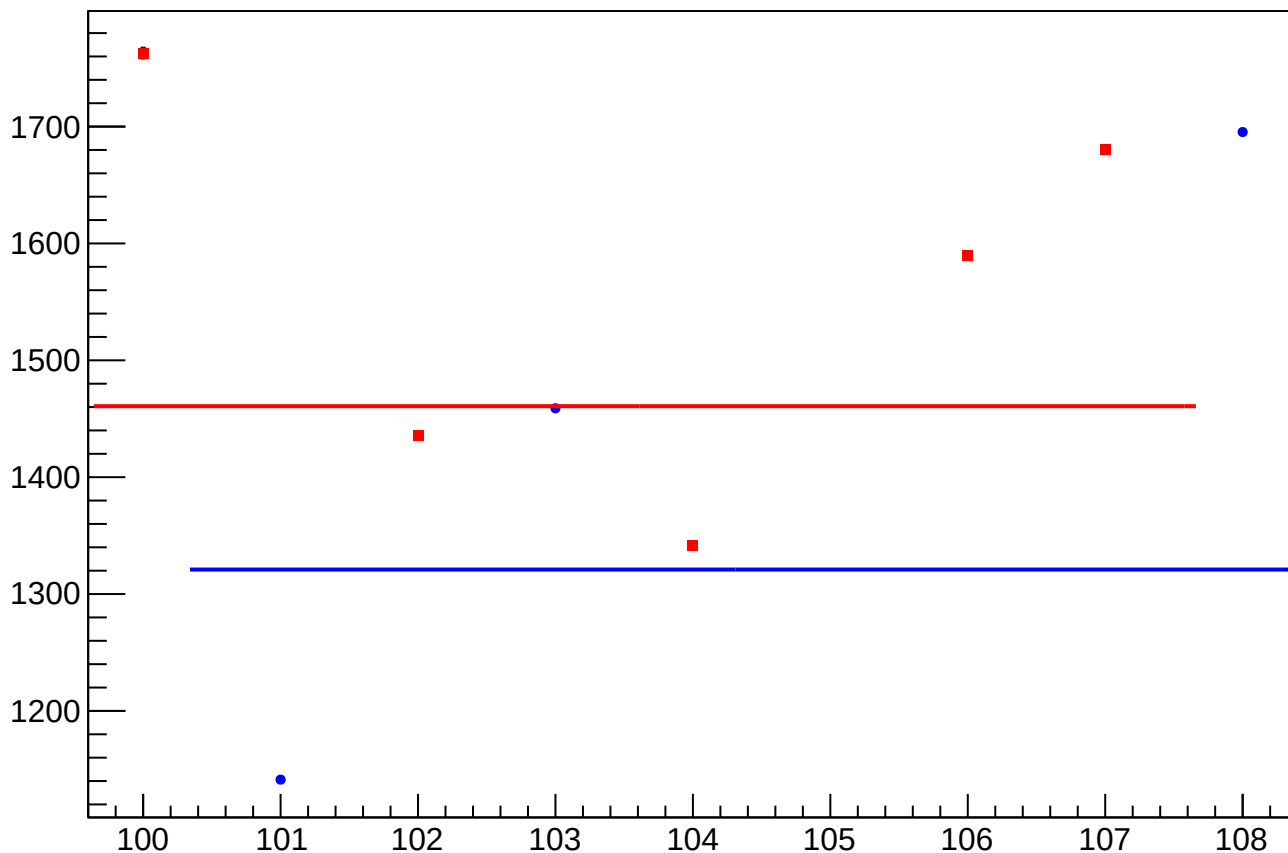
Right: 31.589+/-753.911 χ^2/NDF : 8.4/7

In: 382.957+/-1040.289 χ^2/NDF : 4.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.589+/-753.911 χ^2/NDF : 8.4/7

asym_usr_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1320.973+/-0.736 χ^2/NDF : 81751.0/2

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

Right Out: 1460.769+/-0.774 χ^2/NDF : 25223.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

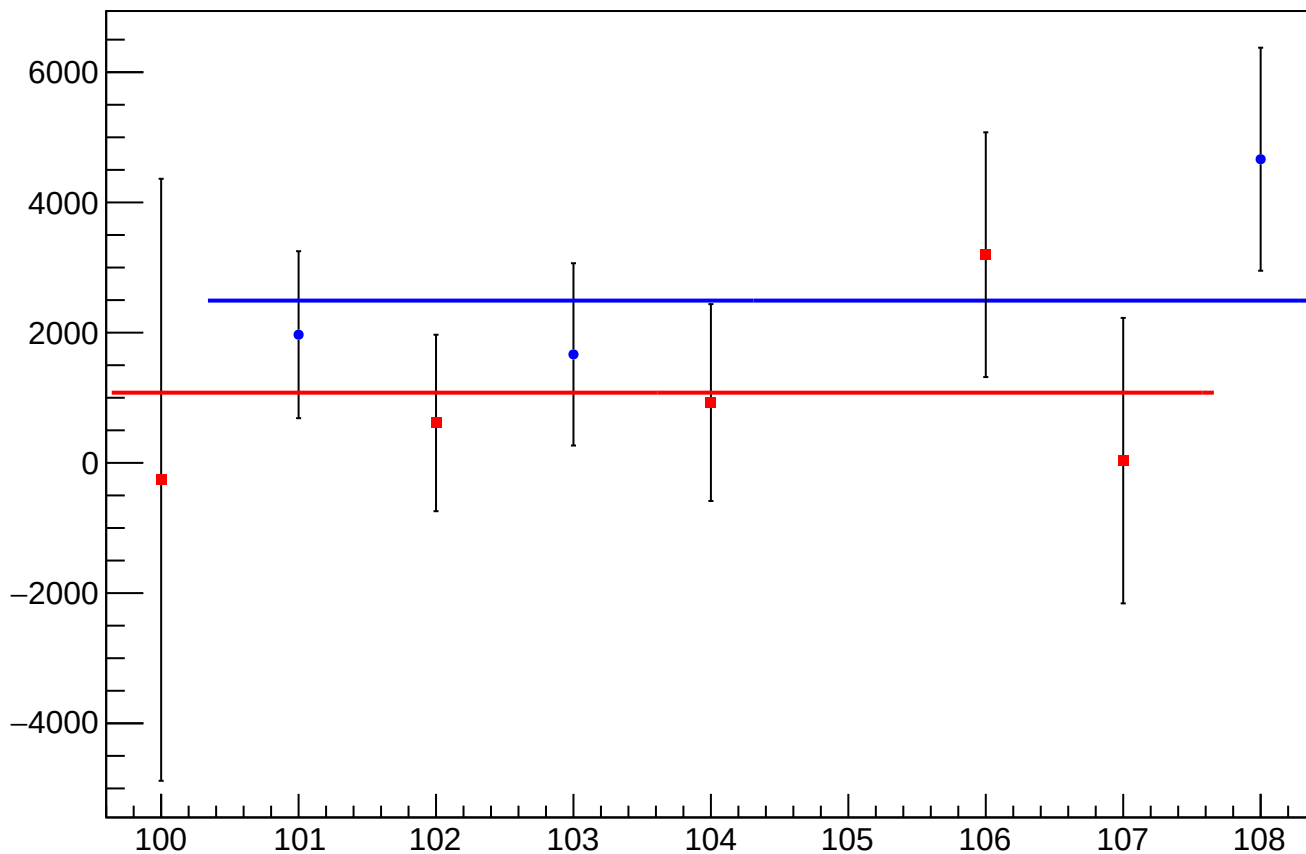
Right: 1387.347+/-0.533 χ^2/NDF : 124122.6/7

In: 1320.973+/-0.736 χ^2/NDF : 81751.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1387.347+/-0.533 χ^2/NDF : 124122.6/7

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2492.307+/-827.735 χ^2/NDF : 2.1/2

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

Right Out: 1078.527+/-811.128 χ^2/NDF : 1.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

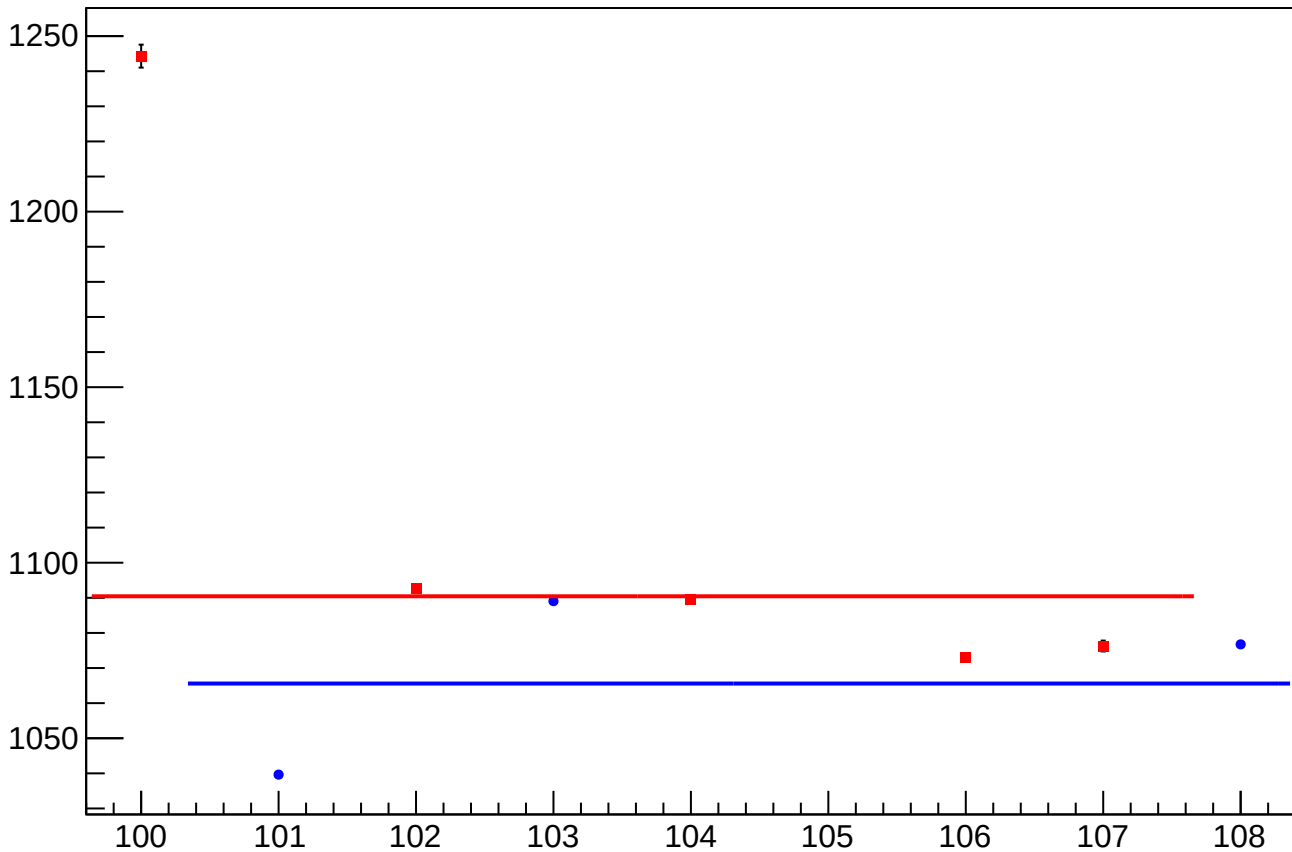
Right: 1771.092+/-579.336 χ^2/NDF : 5.3/7

In: 2492.307+/-827.735 χ^2/NDF : 2.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1771.092+/-579.336 χ^2/NDF : 5.3/7

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1065.584 $\pm$ 0.585 χ^2 /NDF: 1466.1/2

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

Right Out: 1090.437 $\pm$ 0.574 χ^2 /NDF: 2478.6/4

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

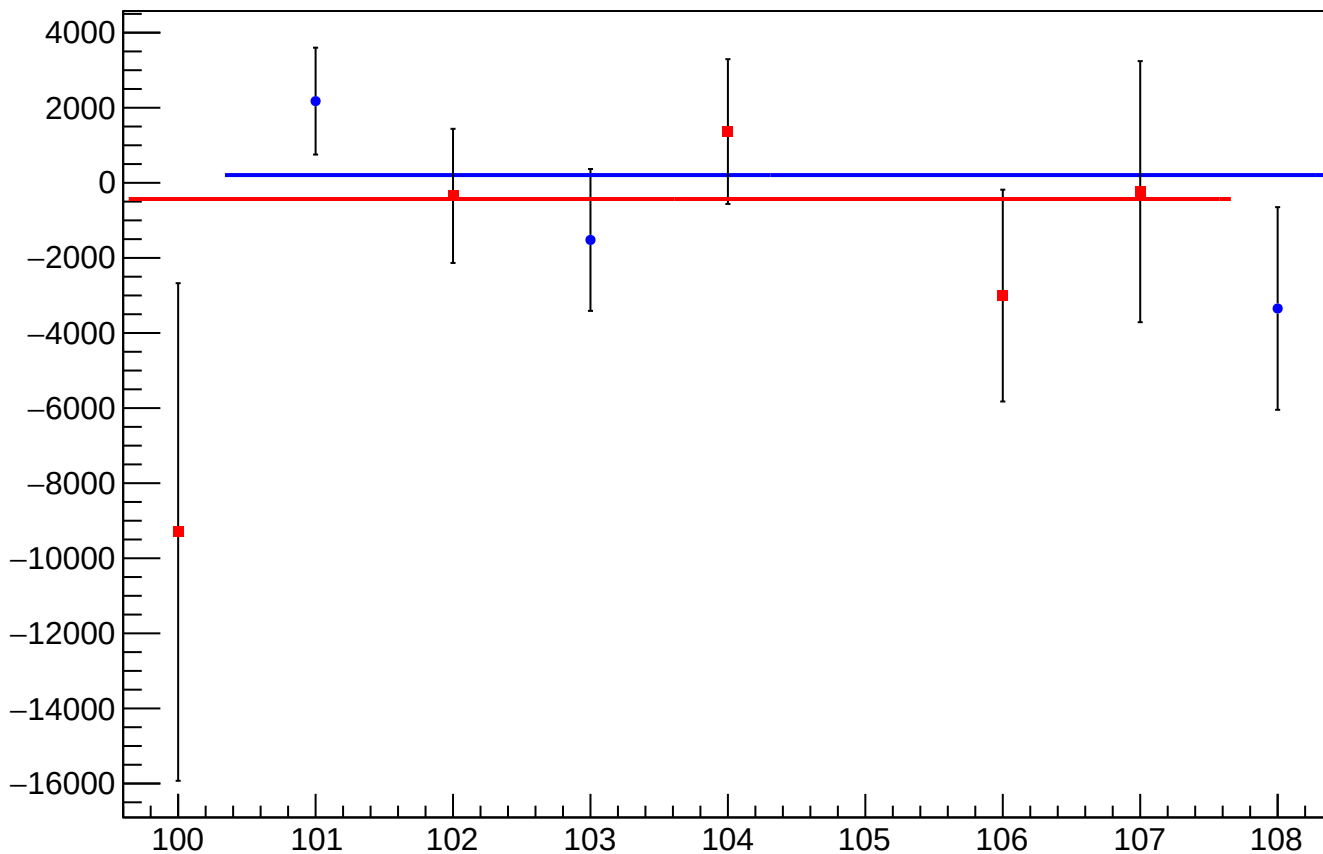
Right: 1078.262 $\pm$ 0.410 χ^2 /NDF: 4864.5/7

In: 1065.584 $\pm$ 0.585 χ^2 /NDF:1466.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1078.262 $\pm$ 0.410 χ^2 /NDF: 4864.5/7

asym_usr_dit_correction_mean vs Slug, Sign Corrected



Right In: 206.816 $\pm$ 1047.850 χ^2 /NDF: 4.5/2

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

Right Out: -430.677 $\pm$ 1108.778 χ^2 /NDF: 3.5/4

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

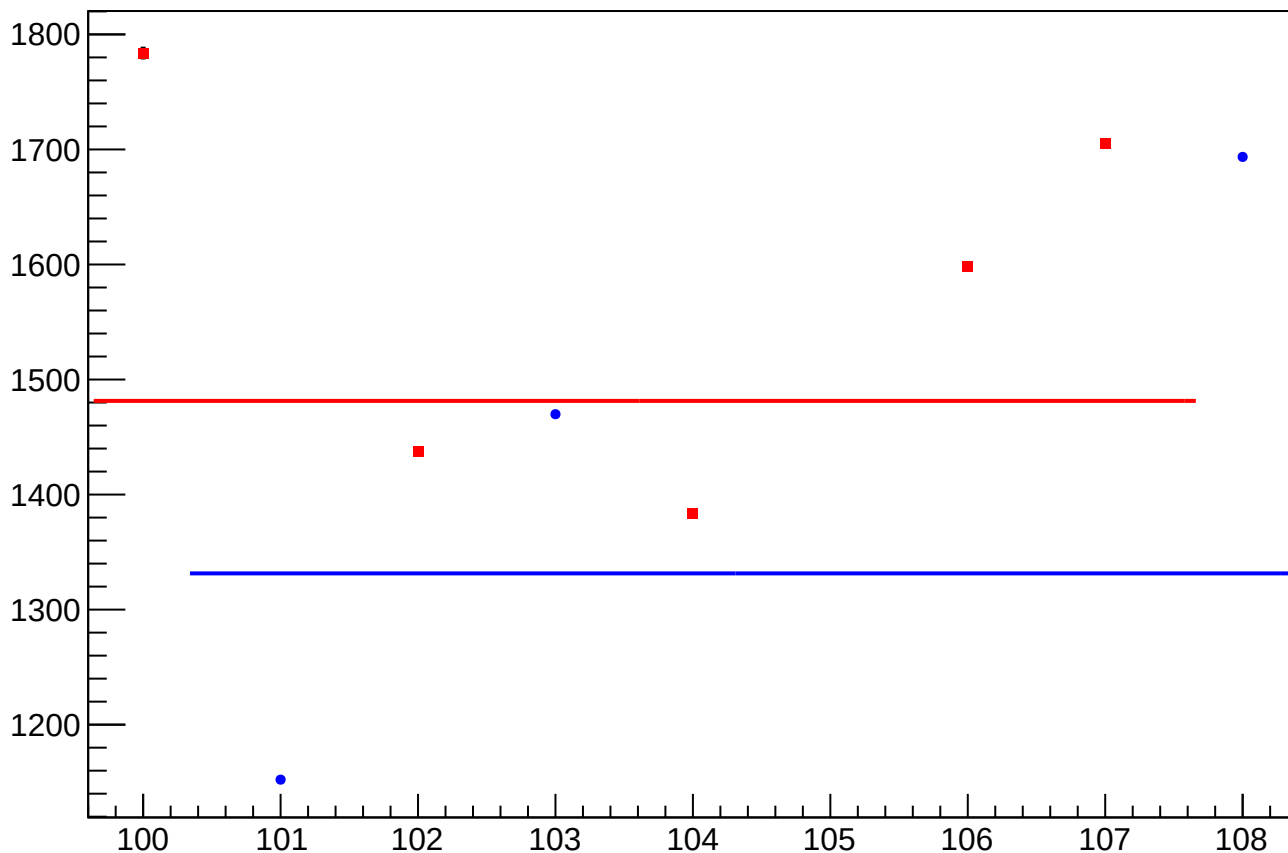
Right: -93.935 $\pm$ 761.571 χ^2 /NDF: 8.2/7

In: 206.816 $\pm$ 1047.850 χ^2 /NDF:4.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -93.935 $\pm$ 761.571 χ^2 /NDF: 8.2/7

asym_usr_dit_correction_rms vs Slug, Sign Corrected



Right In: 1331.490+/-0.741 χ^2/NDF : 78427.5/2

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

Right Out: 1481.427+/-0.784 χ^2/NDF : 22174.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

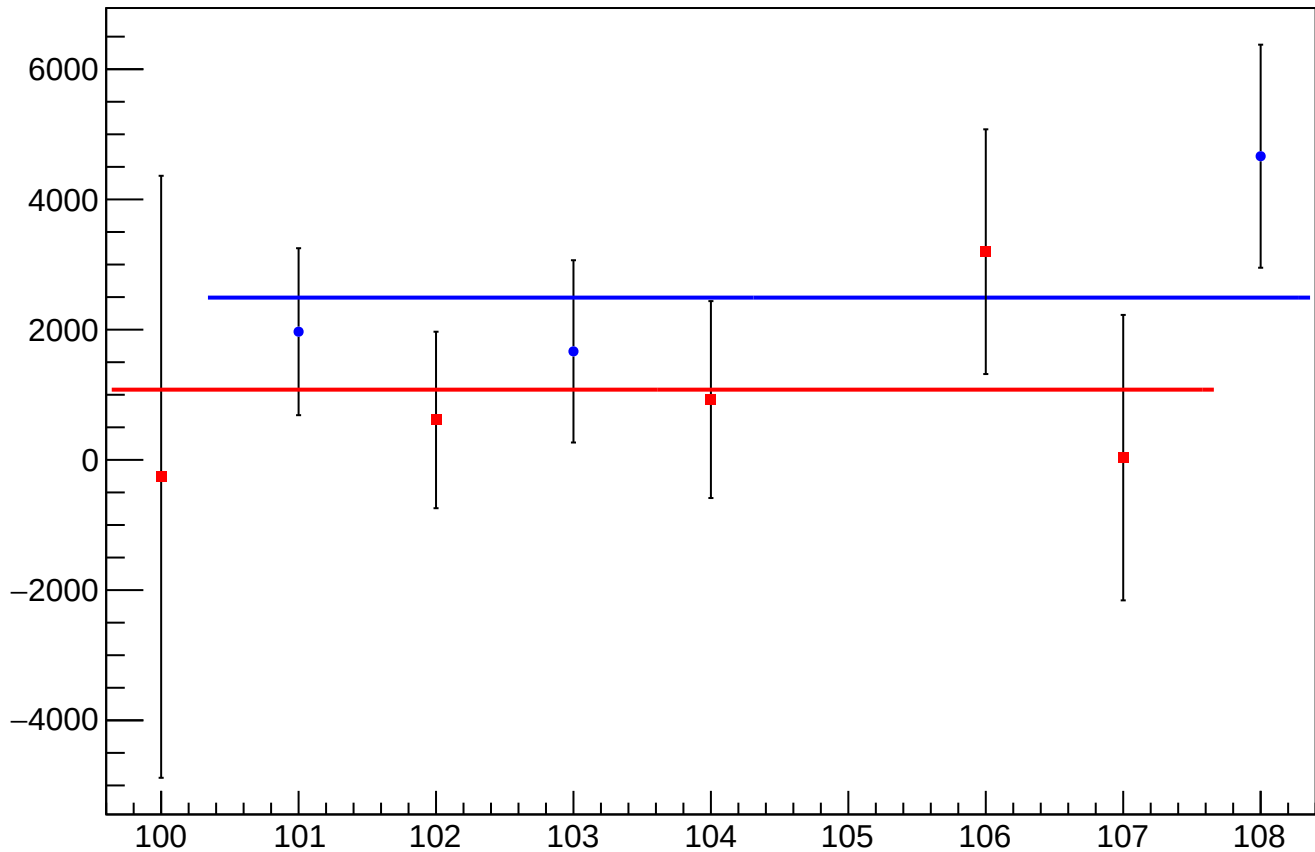
Right: 1402.226+/-0.539 χ^2/NDF : 119921.1/7

In: 1331.490+/-0.741 χ^2/NDF : 78427.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1402.226+/-0.539 χ^2/NDF : 119921.1/7

eigen_dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2492.305+/-827.735 χ^2/NDF : 2.1/2

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

Right Out: 1078.521+/-811.128 χ^2/NDF : 1.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

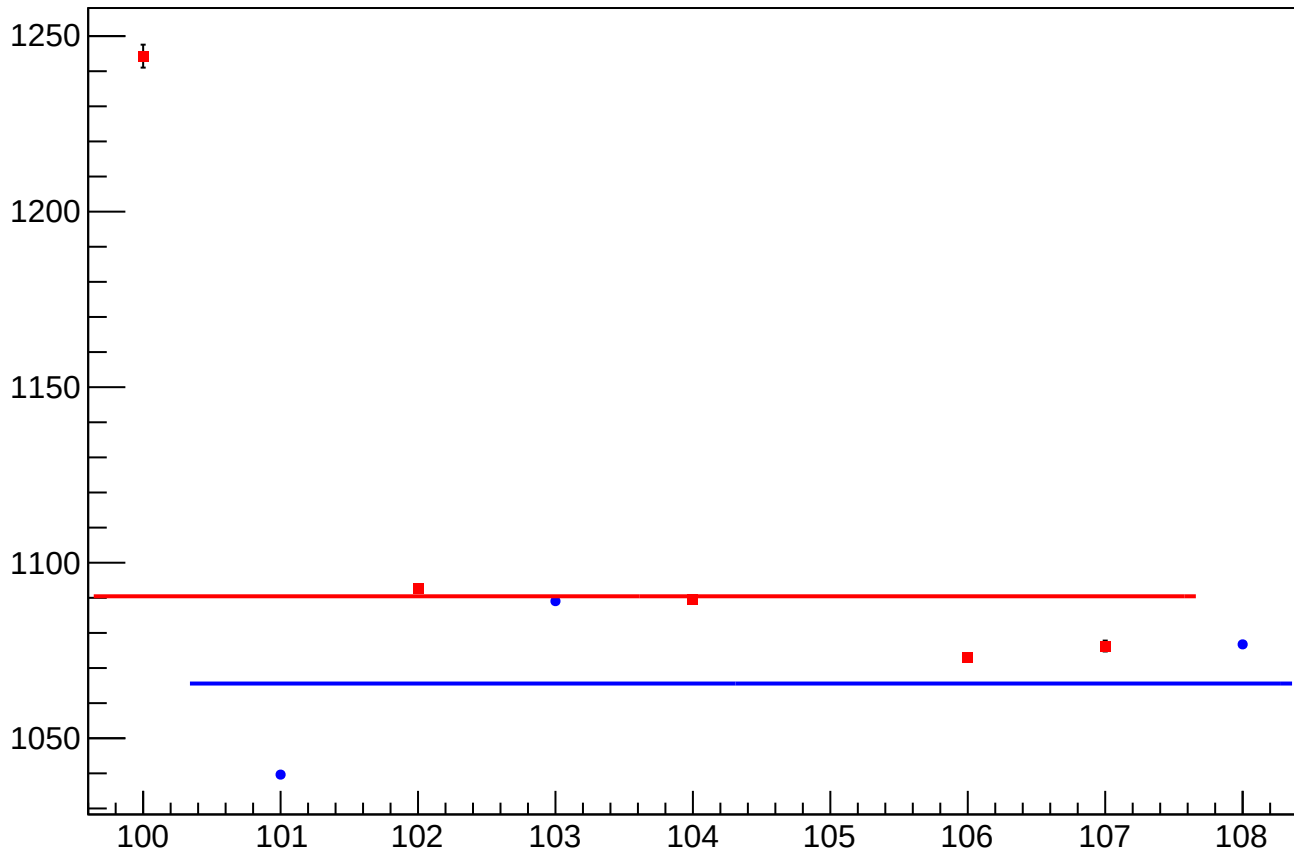
Right: 1771.088+/-579.336 χ^2/NDF : 5.3/7

In: 2492.305+/-827.735 χ^2/NDF : 2.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1771.088+/-579.336 χ^2/NDF : 5.3/7

eigen_dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1065.584 $\pm$ 0.585 χ^2 /NDF: 1466.1/2

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

Right Out: 1090.437 $\pm$ 0.574 χ^2 /NDF: 2478.6/4

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

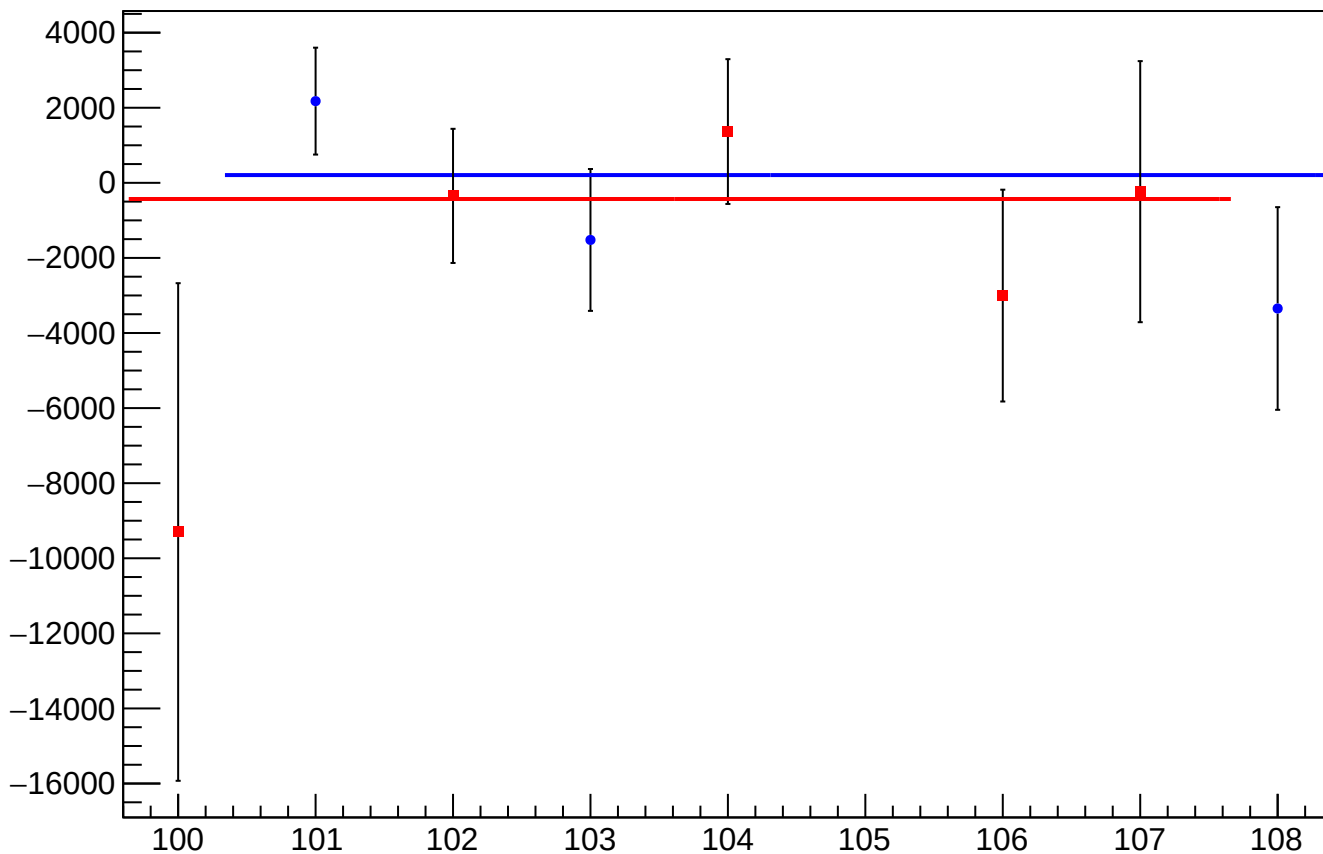
Right: 1078.263 $\pm$ 0.410 χ^2 /NDF: 4864.5/7

In: 1065.584 $\pm$ 0.585 χ^2 /NDF:1466.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1078.263 $\pm$ 0.410 χ^2 /NDF: 4864.5/7

asym_usr_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 206.816 $\pm$ 1047.851 χ^2 /NDF: 4.5/2

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

Right Out: -430.686 $\pm$ 1108.781 χ^2 /NDF: 3.5/4

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

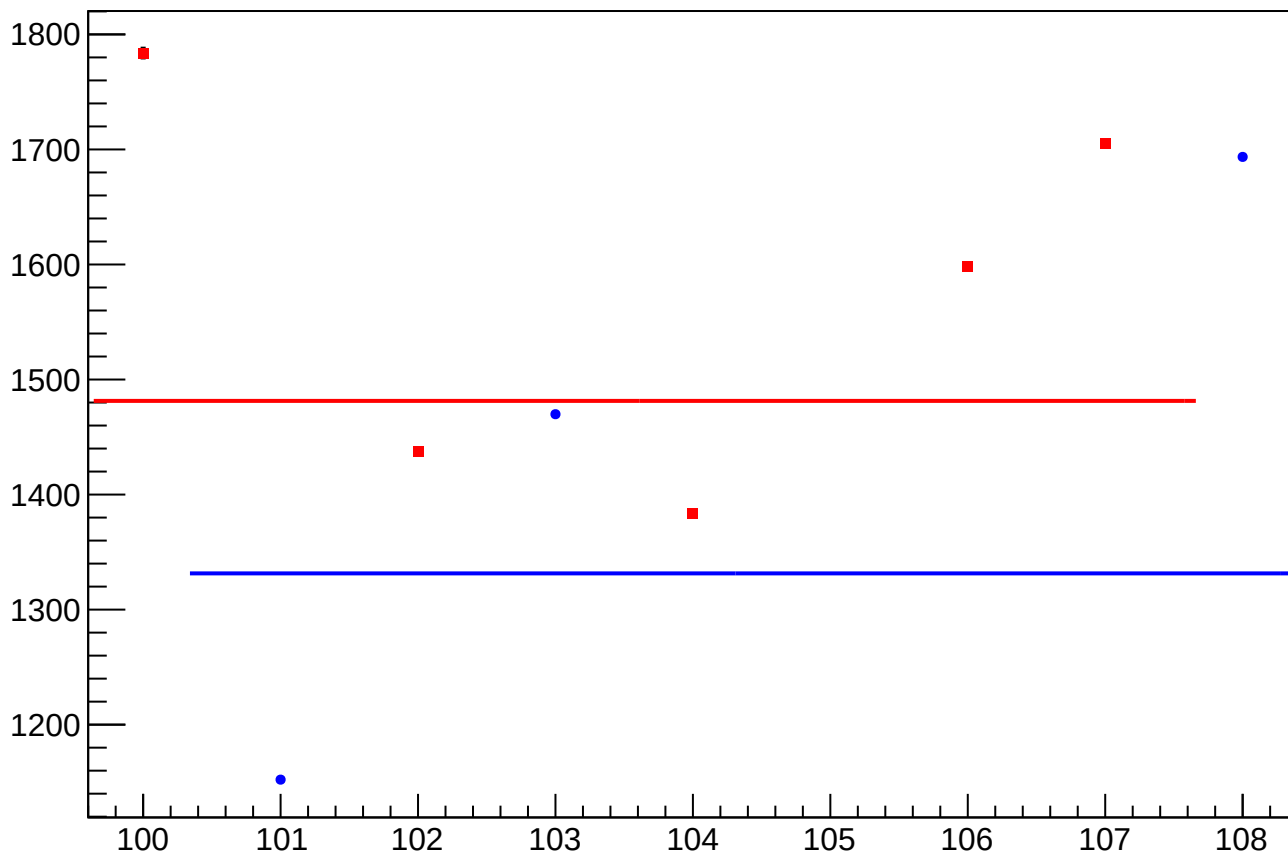
Right: -93.938 $\pm$ 761.572 χ^2 /NDF: 8.2/7

In: 206.816 $\pm$ 1047.851 χ^2 /NDF:4.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -93.938 $\pm$ 761.572 χ^2 /NDF: 8.2/7

asym_usr_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1331.491+/-0.741 χ^2/NDF : 78427.7/2

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

Right Out: 1481.430+/-0.784 χ^2/NDF : 22174.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

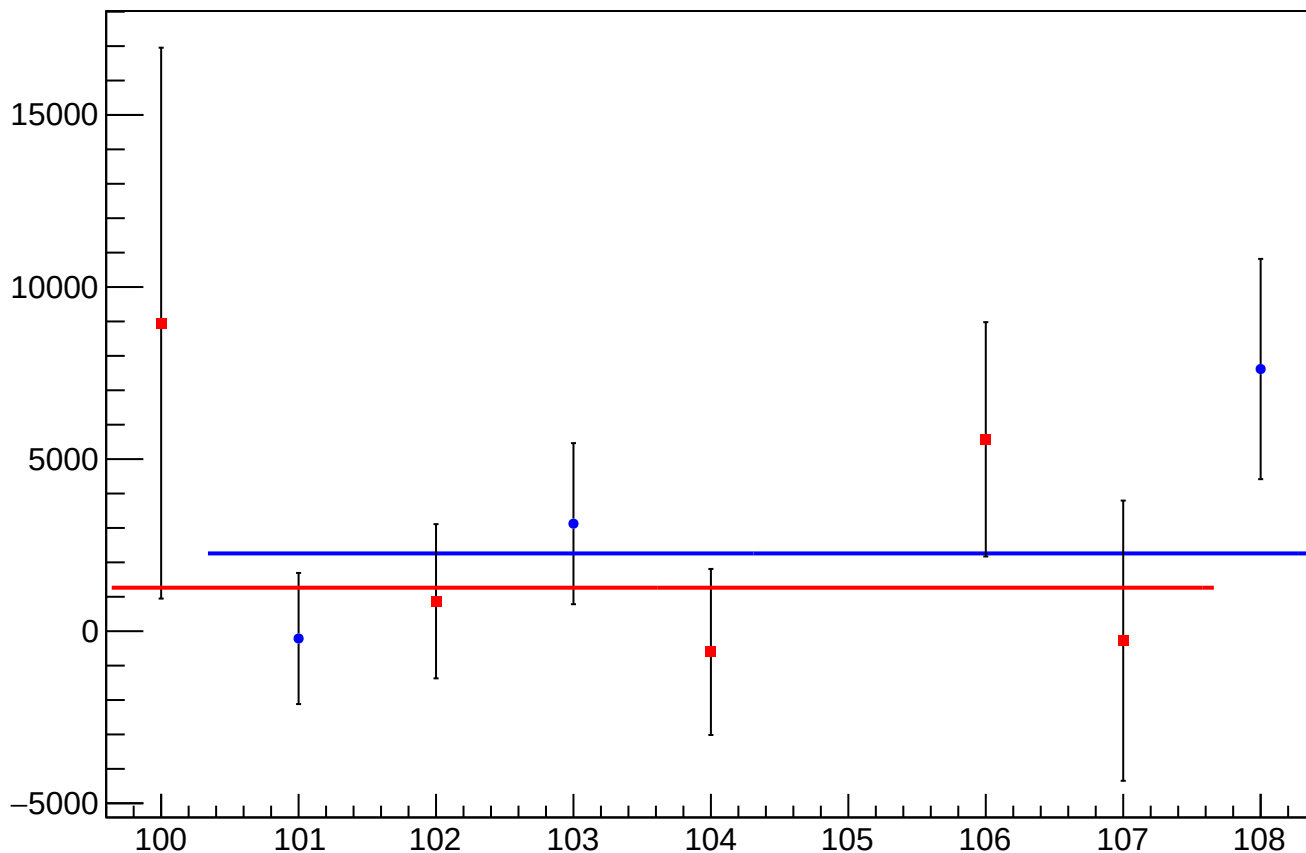
Right: 1402.228+/-0.539 χ^2/NDF : 119921.8/7

In: 1331.491+/-0.741 χ^2/NDF : 78427.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1402.228+/-0.539 χ^2/NDF : 119921.8/7

asym_usr_mean vs Slug, Sign Corrected



Right In: 2259.614 $\pm$ 1341.480 χ^2 /NDF: 4.6/2

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

Right Out: 1263.806 $\pm$ 1369.380 χ^2 /NDF: 3.3/4

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

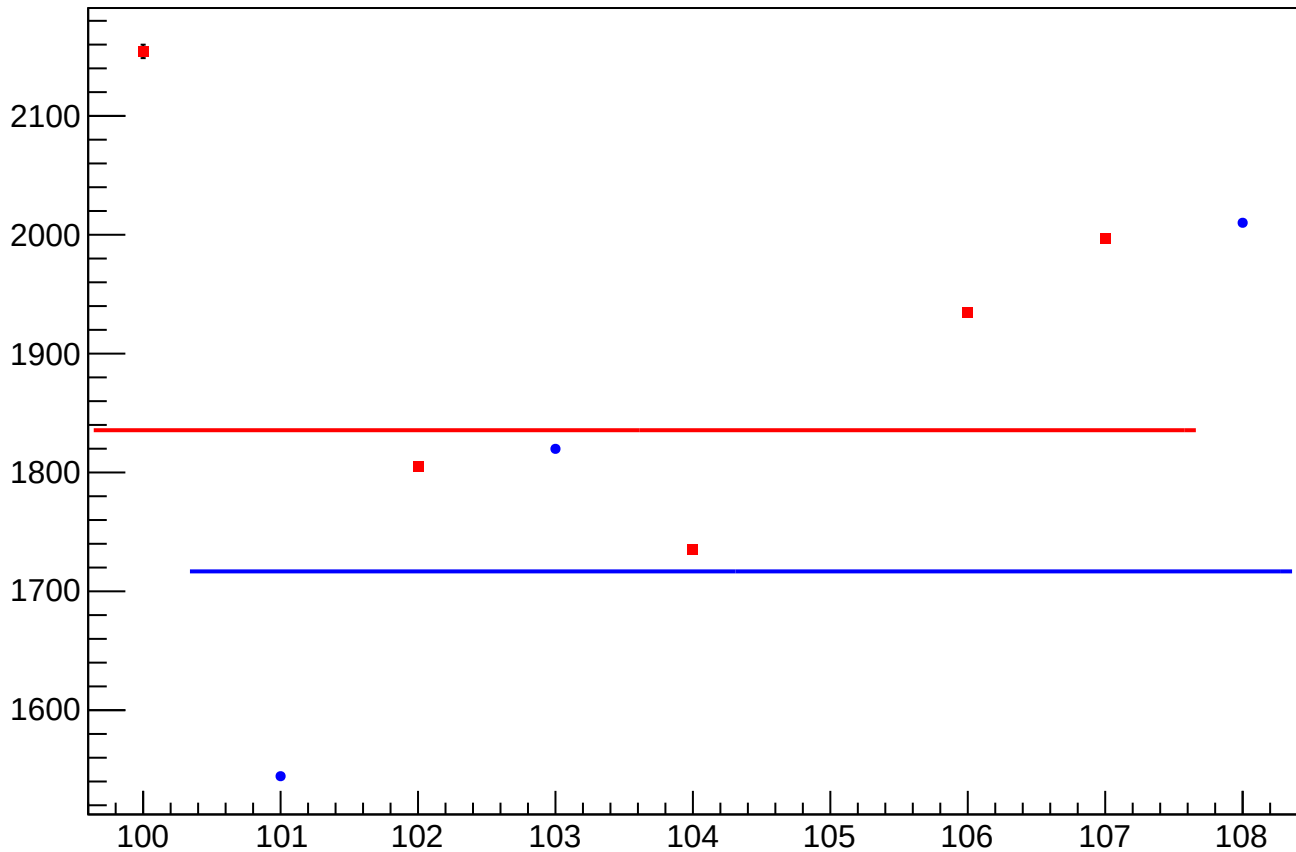
Right: 1771.958 $\pm$ 958.281 χ^2 /NDF: 8.2/7

In: 2259.614 $\pm$ 1341.480 χ^2 /NDF:4.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1771.958 $\pm$ 958.281 χ^2 /NDF: 8.2/7

asym_usr_rms vs Slug, Sign Corrected



Right In: 1716.775+/-0.949 χ^2/NDF : 37040.9/2

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

Right Out: 1835.554+/-0.968 χ^2/NDF : 11849.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

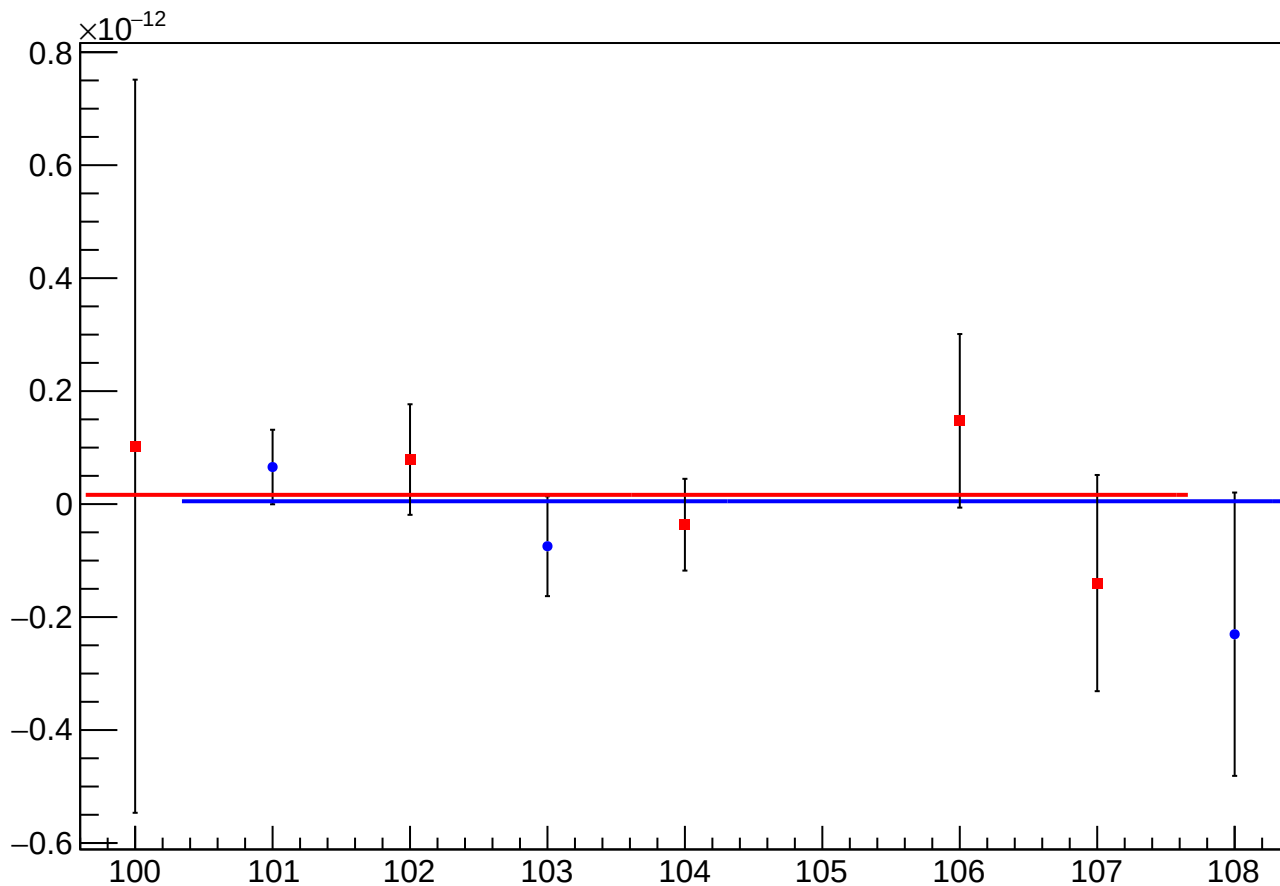
Right: 1774.942+/-0.678 χ^2/NDF : 56568.8/7

In: 1716.775+/-0.949 χ^2/NDF : 37040.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1774.942+/-0.678 χ^2/NDF : 56568.8/7

asym_usr_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.5/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

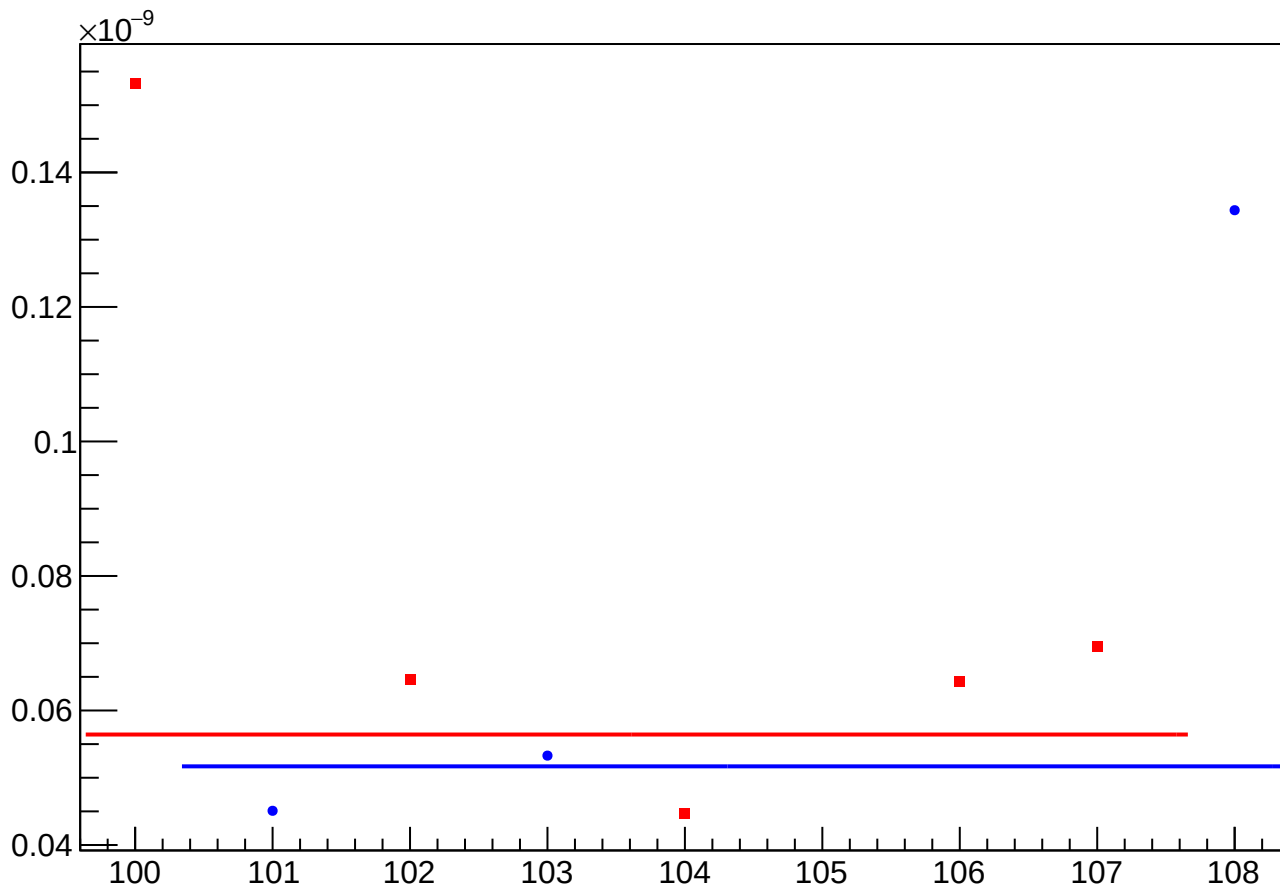
Right: 0.000+/-0.000 χ^2/NDF : 4.8/7

In: 0.000+/-0.000 χ^2/NDF : 2.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.8/7

asym_usr_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 238143.2/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 114810.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

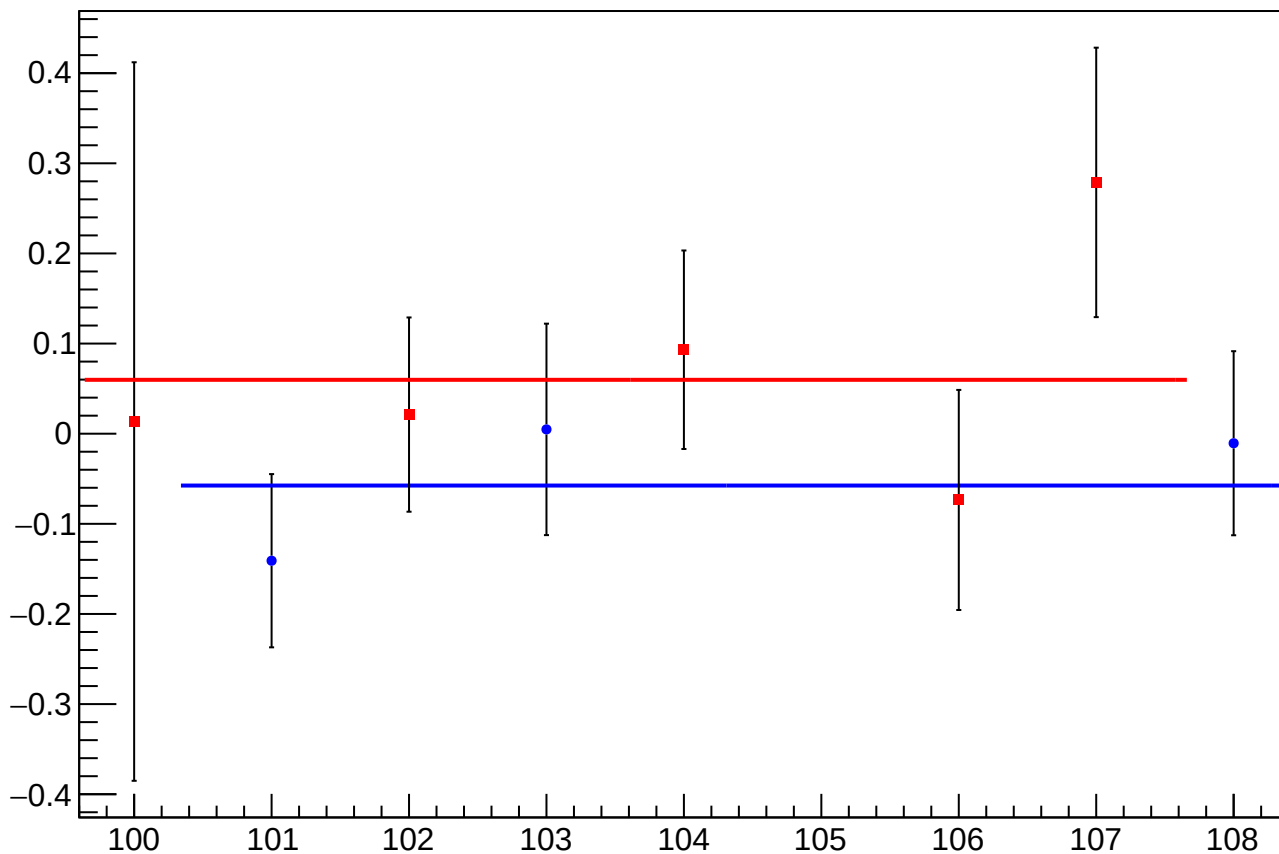
Right: 0.000+/-0.000 χ^2/NDF : 360774.1/7

In: 0.000+/-0.000 χ^2/NDF : 238143.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 360774.1/7

asym_usr_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.058+/-0.060 χ^2/NDF : 1.2/2

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

Right Out: 0.060+/-0.059 χ^2/NDF : 3.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

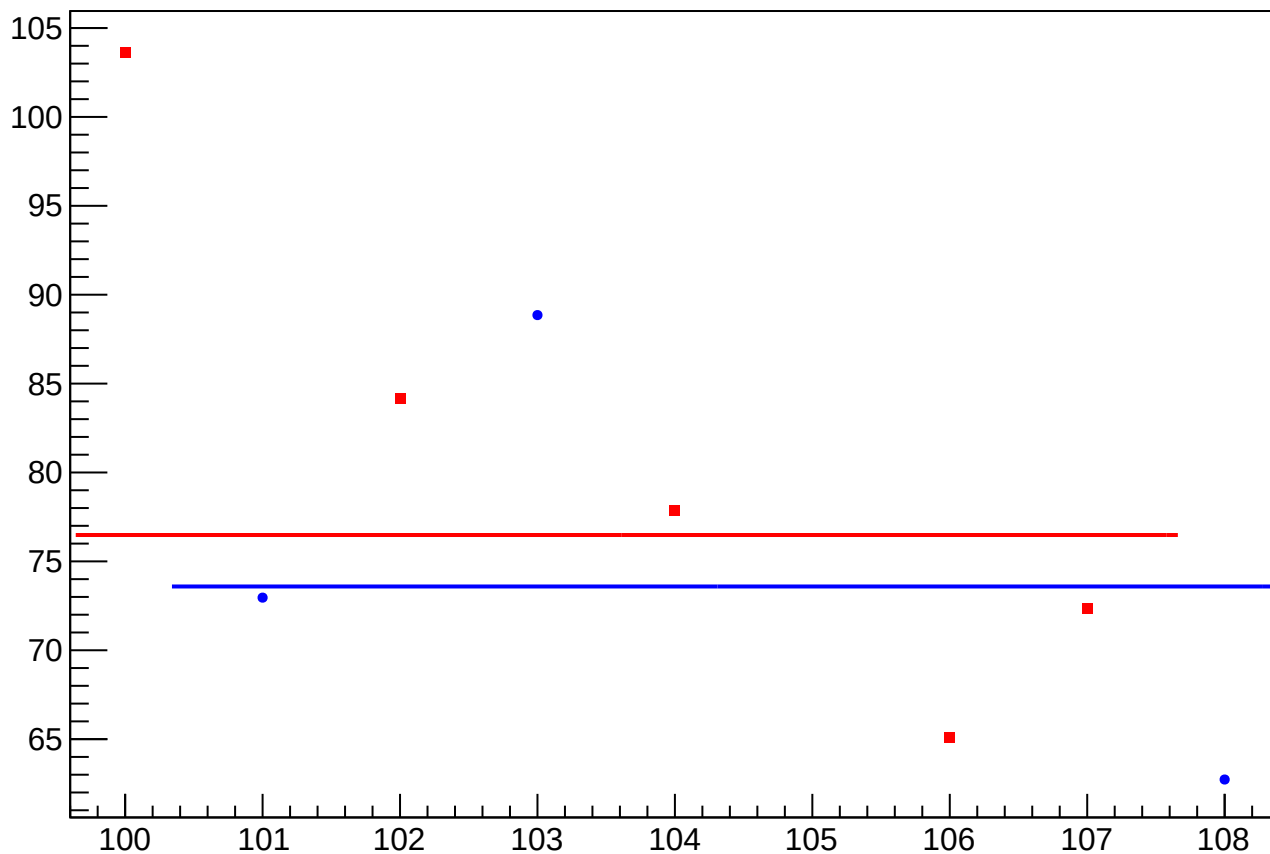
Right: 0.002+/-0.042 χ^2/NDF : 6.8/7

In: -0.058+/-0.060 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.042 χ^2/NDF : 6.8/7

asym_usr_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.588+/-0.042 χ^2/NDF : 56571.6/2

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

Right Out: 76.483+/-0.042 χ^2/NDF : 38618.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

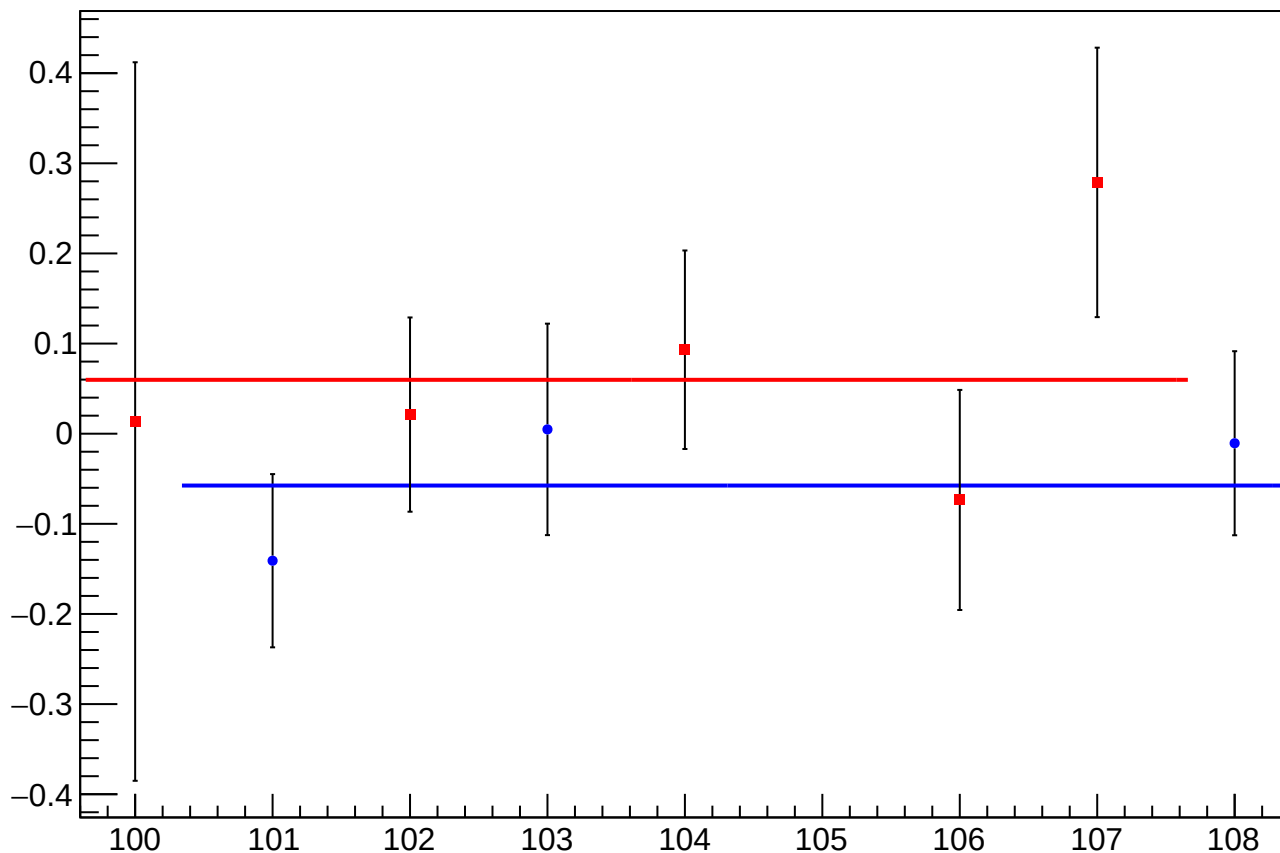
Right: 75.061+/-0.030 χ^2/NDF : 97551.7/7

In: 73.588+/-0.042 χ^2/NDF : 56571.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.061+/-0.030 χ^2/NDF : 97551.7/7

asym_usr_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.058+/-0.060 χ^2/NDF : 1.2/2

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

Right Out: 0.060+/-0.059 χ^2/NDF : 3.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

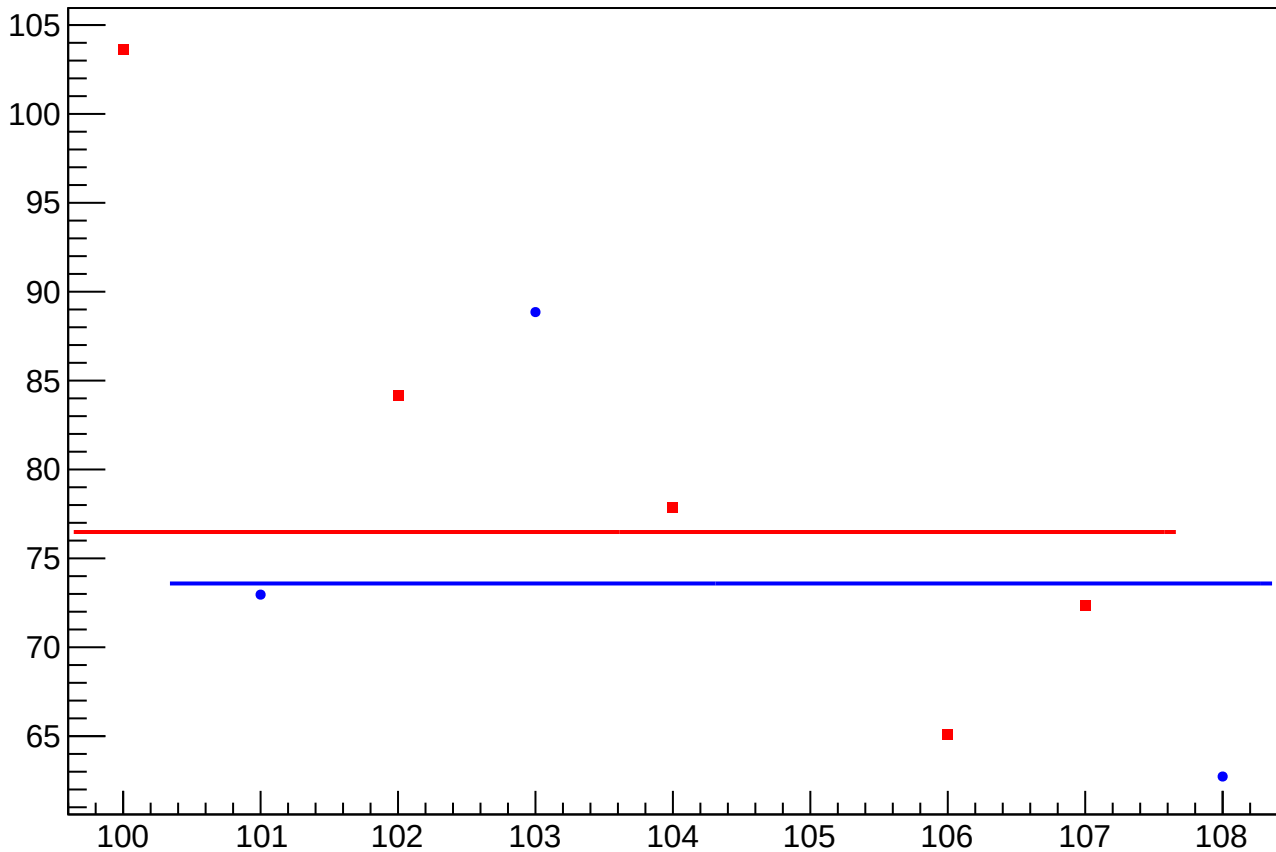
Right: 0.002+/-0.042 χ^2/NDF : 6.8/7

In: -0.058+/-0.060 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.042 χ^2/NDF : 6.8/7

asym_usr_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.588+/-0.042 χ^2/NDF : 56571.6/2

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

Right Out: 76.483+/-0.042 χ^2/NDF : 38618.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

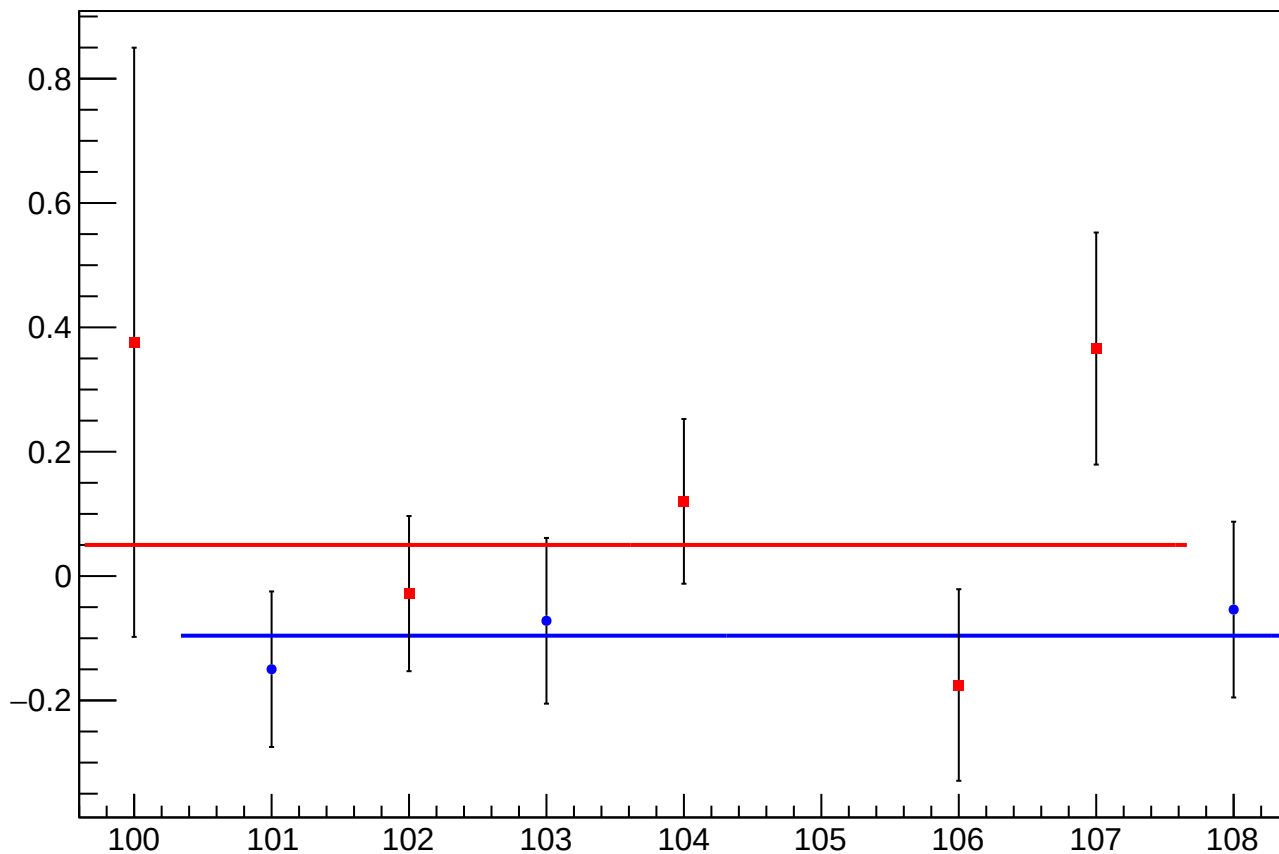
Right: 75.061+/-0.030 χ^2/NDF : 97551.7/7

In: 73.588+/-0.042 χ^2/NDF : 56571.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.061+/-0.030 χ^2/NDF : 97551.7/7

asym_usr_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.096+/-0.077 χ^2/NDF : 0.3/2

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

Right Out: 0.050+/-0.071 χ^2/NDF : 6.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

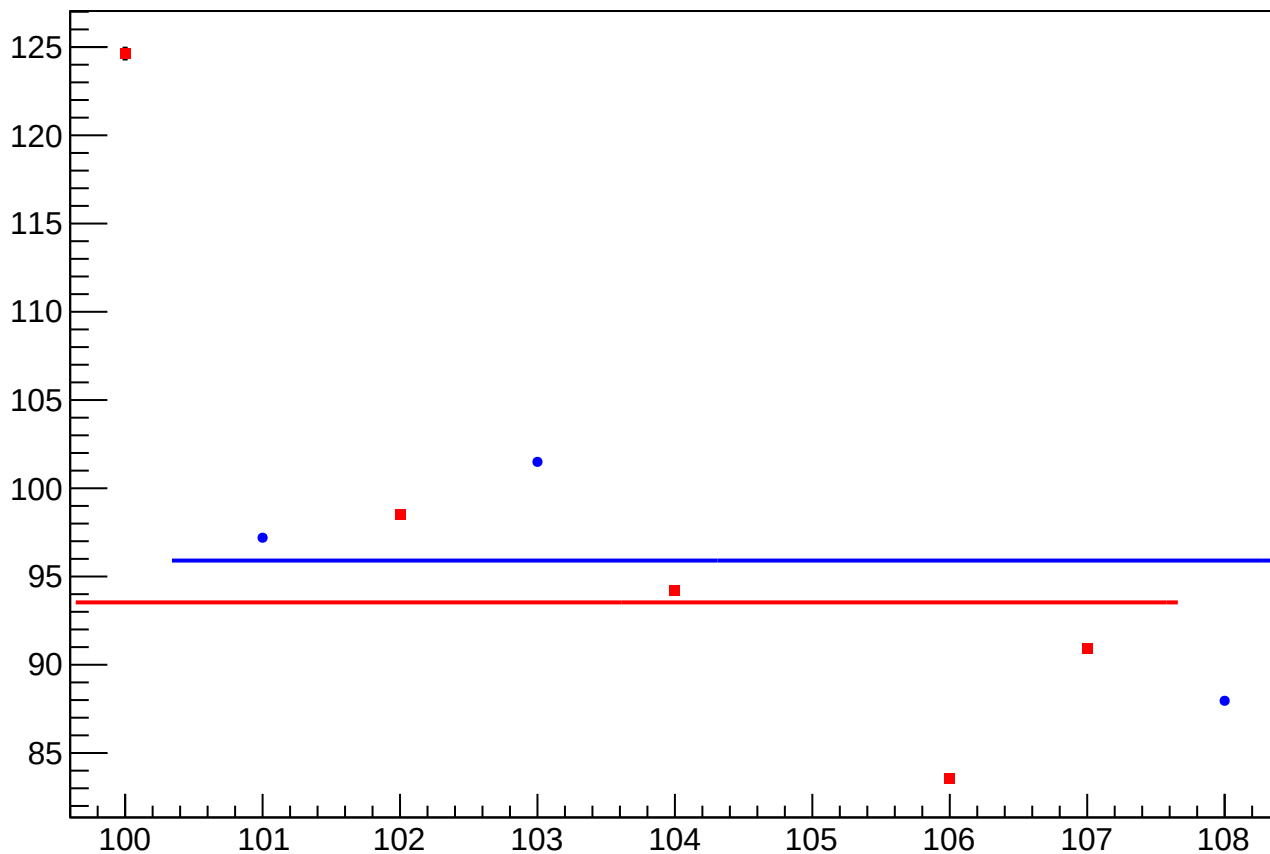
Right: -0.018+/-0.052 χ^2/NDF : 8.4/7

In: -0.096+/-0.077 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-0.052 χ^2/NDF : 8.4/7

asym_usr_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 95.904+/-0.054 χ^2/NDF : 10056.8/2

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

Right Out: 93.534+/-0.050 χ^2/NDF : 20682.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

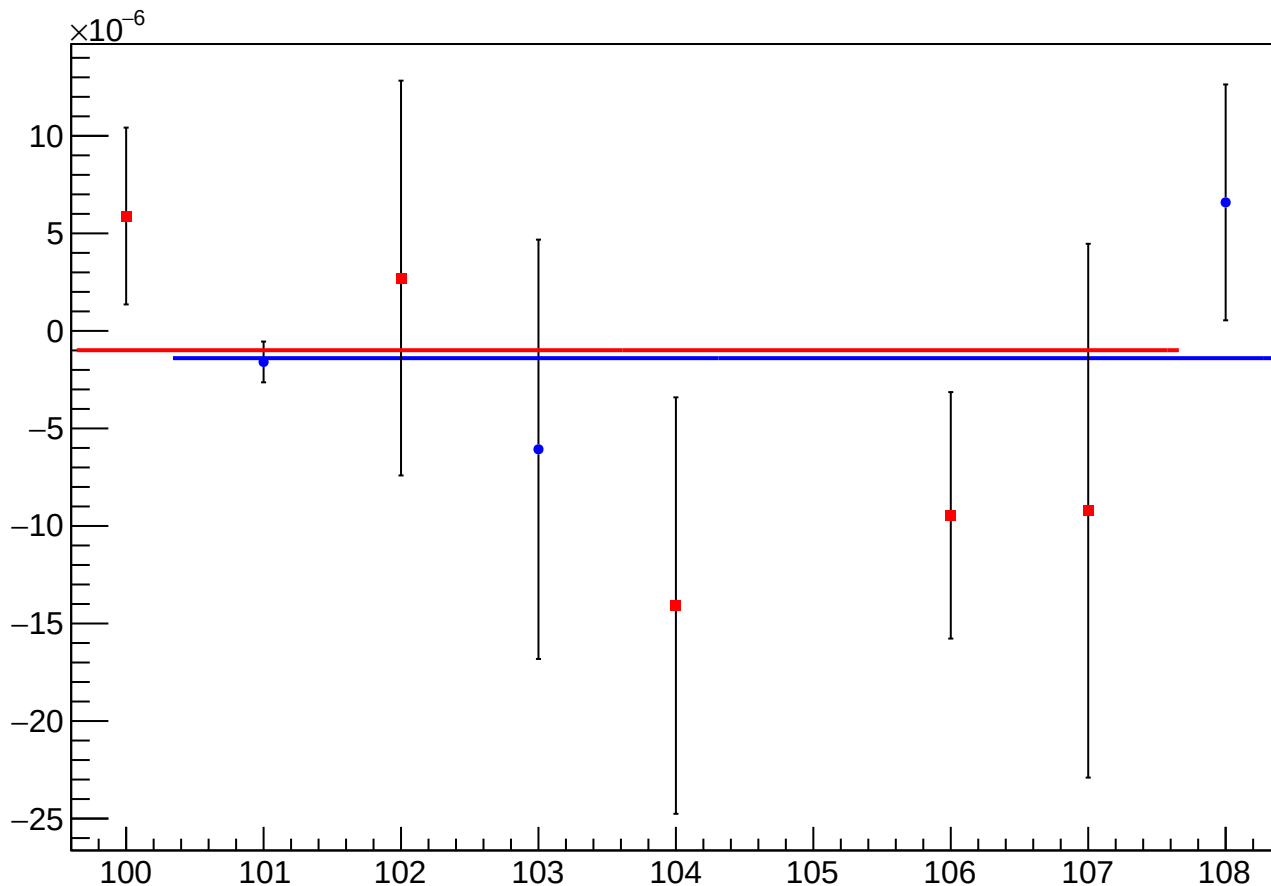
Right: 94.634+/-0.037 χ^2/NDF : 31764.7/7

In: 95.904+/-0.054 χ^2/NDF : 10056.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.634+/-0.037 χ^2/NDF : 31764.7/7

asym_usr_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.0/2

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

Right Out: -0.000+/-0.000 χ^2/NDF : 6.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

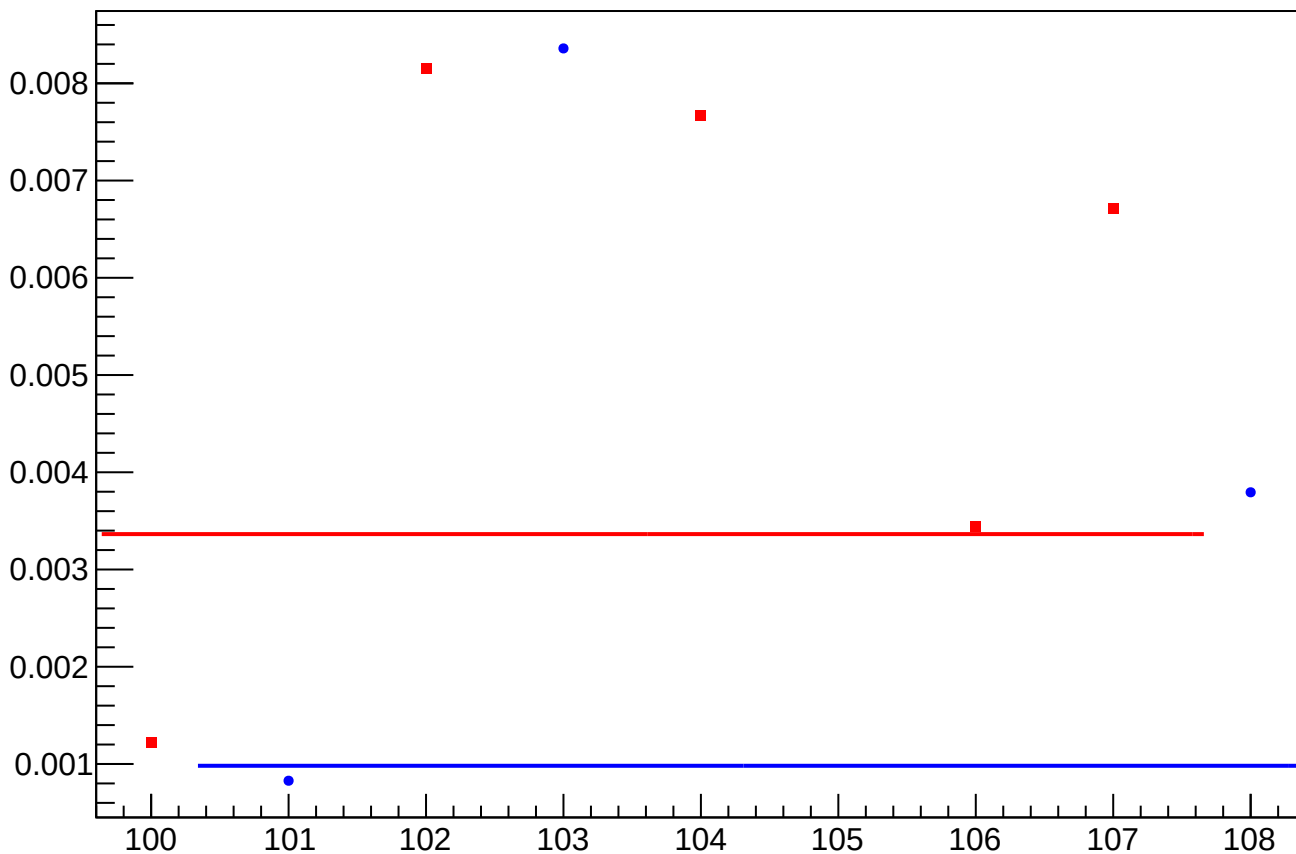
Right: -0.000+/-0.000 χ^2/NDF : 8.1/7

In: -0.000+/-0.000 χ^2/NDF : 2.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.1/7

asym_usr_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1418316.1/2

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

Right Out: 0.003+/-0.000 χ^2/NDF : 1339934.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

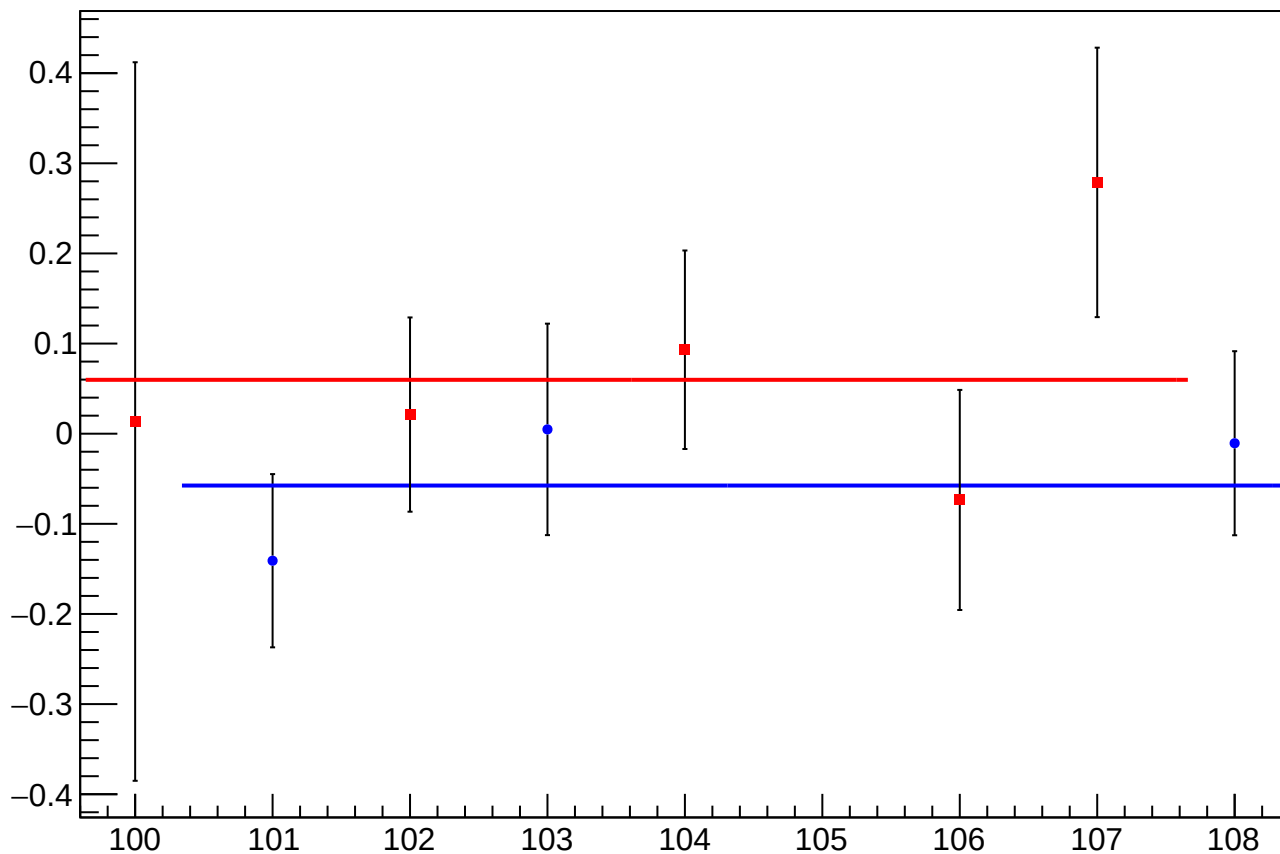
Right: 0.001+/-0.000 χ^2/NDF : 3763300.5/7

In: 0.001+/-0.000 χ^2/NDF : 1418316.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3763300.5/7

asym_usr_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.058 $\pm$ 0.060 χ^2 /NDF: 1.2/2

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

Right Out: 0.060 $\pm$ 0.059 χ^2 /NDF: 3.6/4

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

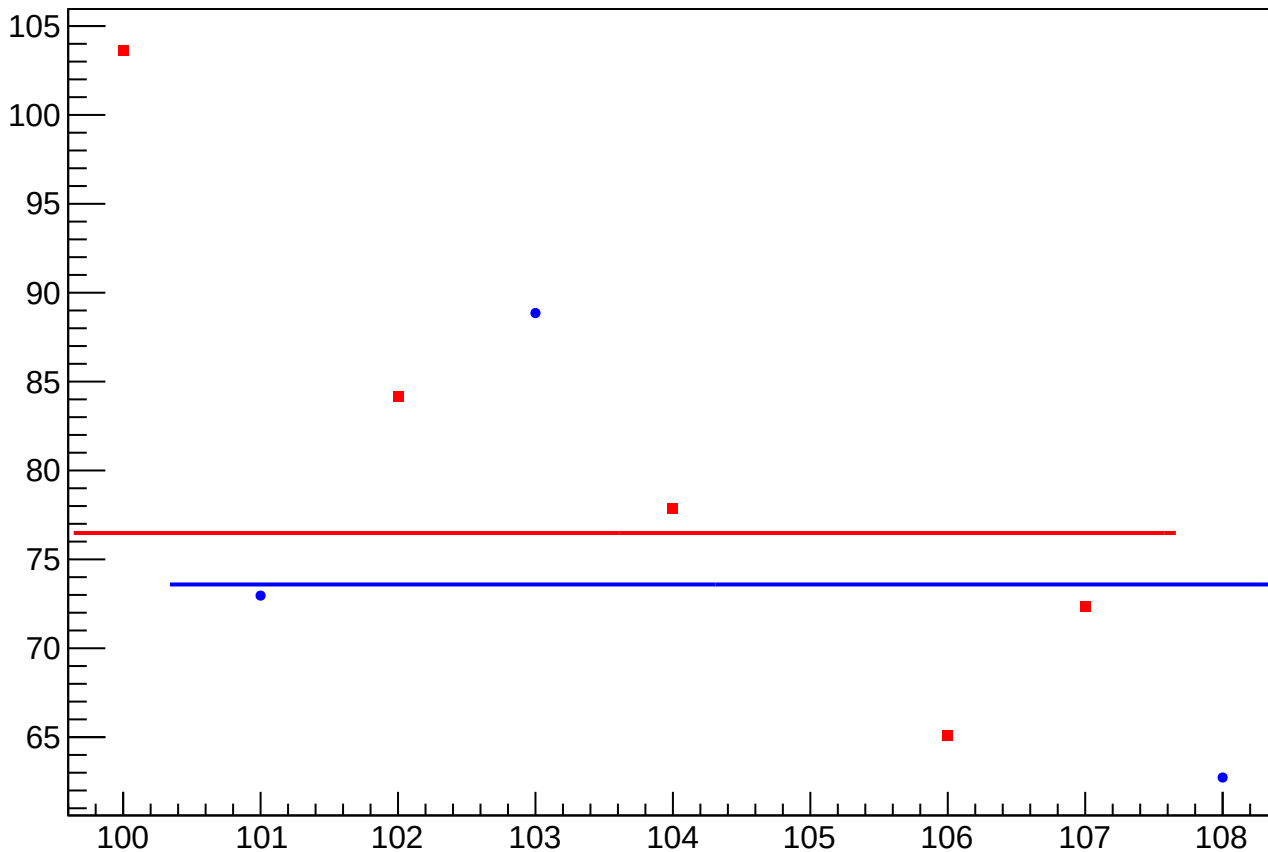
Right: 0.002 $\pm$ 0.042 χ^2 /NDF: 6.8/7

In: -0.058 $\pm$ 0.060 χ^2 /NDF:1.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.042 χ^2 /NDF: 6.8/7

asym_usr_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.588+/-0.042 χ^2/NDF : 56580.5/2

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

Right Out: 76.484+/-0.042 χ^2/NDF : 38626.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

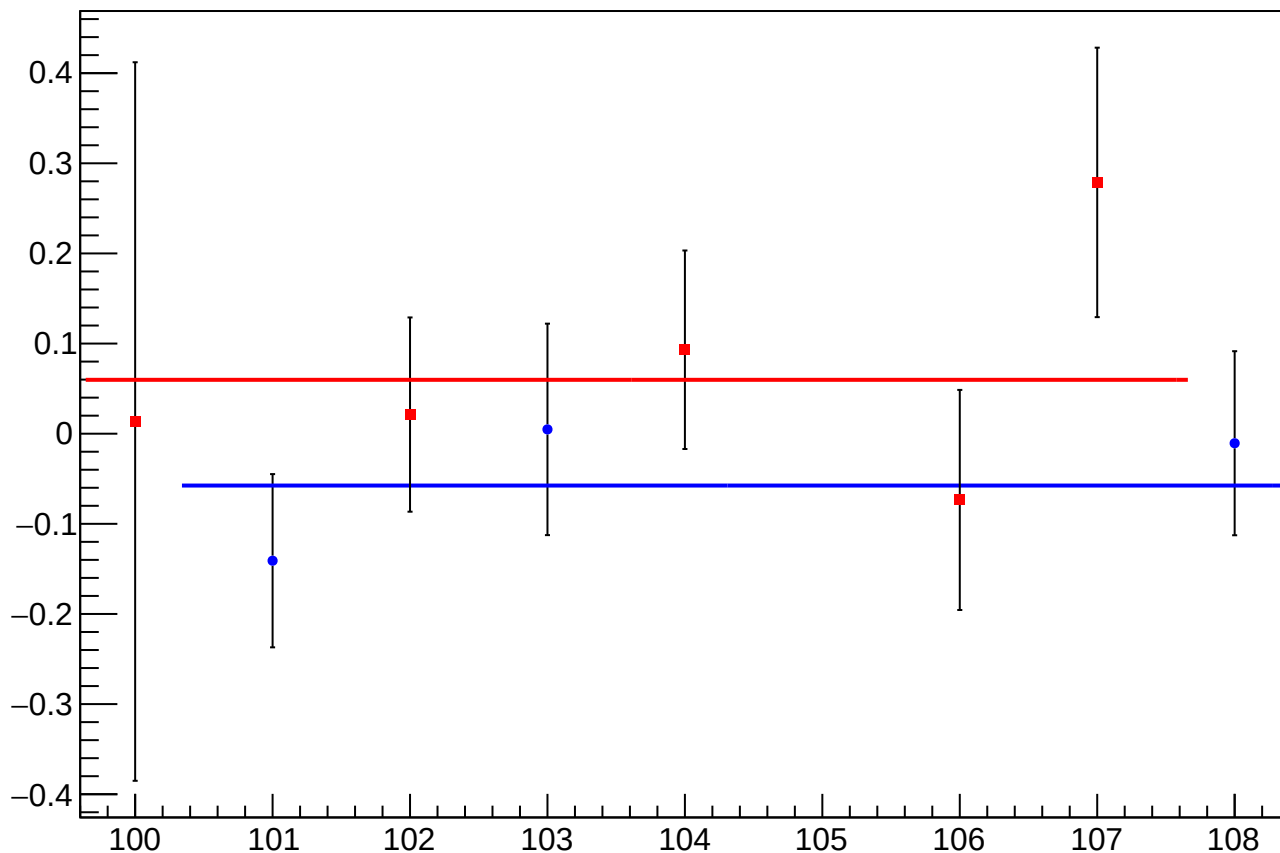
Right: 75.061+/-0.030 χ^2/NDF : 97568.3/7

In: 73.588+/-0.042 χ^2/NDF : 56580.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.061+/-0.030 χ^2/NDF : 97568.3/7

asym_usr_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.058+/-0.060 χ^2/NDF : 1.2/2

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

Right Out: 0.060+/-0.059 χ^2/NDF : 3.6/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

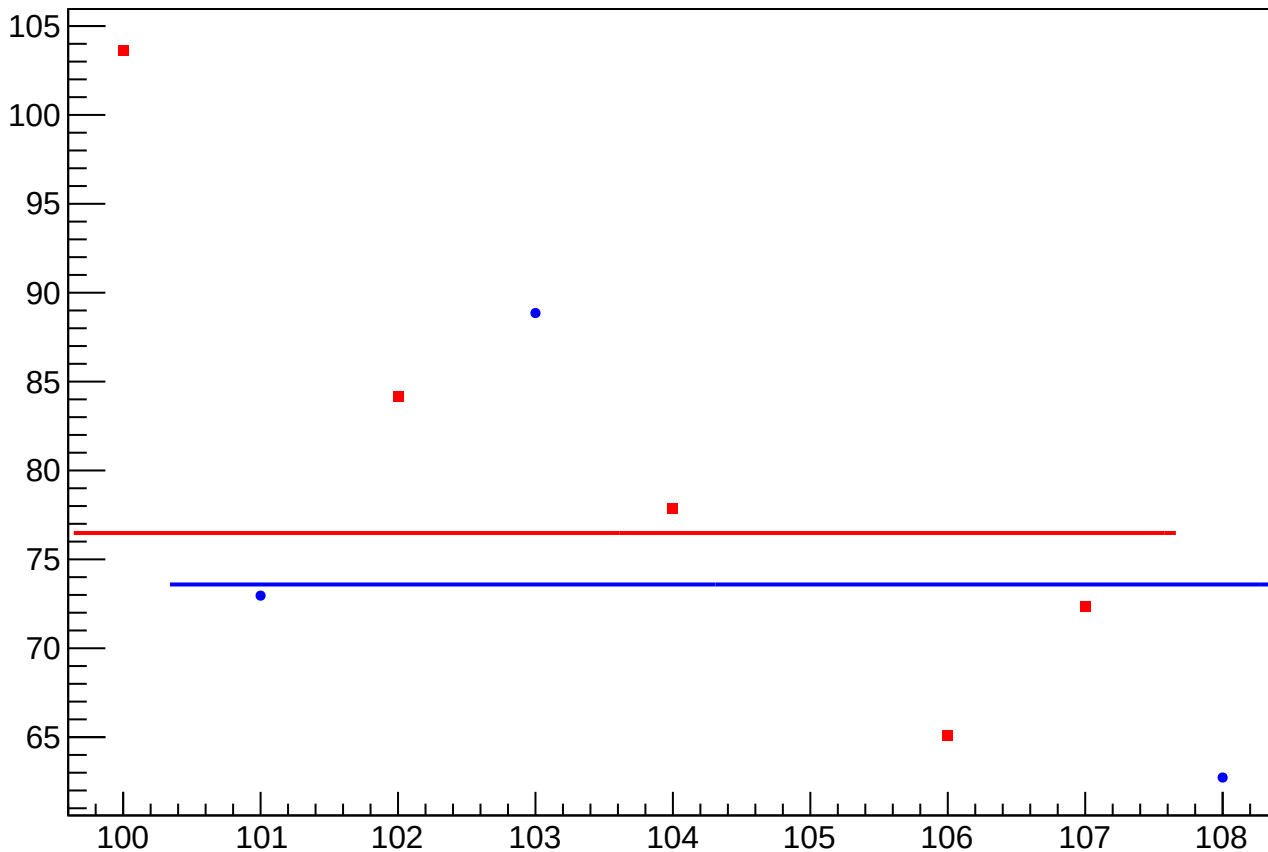
Right: 0.002+/-0.042 χ^2/NDF : 6.8/7

In: -0.058+/-0.060 χ^2/NDF :1.2/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.042 χ^2/NDF : 6.8/7

asym_usr_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.588+/-0.042 χ^2/NDF : 56580.5/2

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

Right Out: 76.484+/-0.042 χ^2/NDF : 38626.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

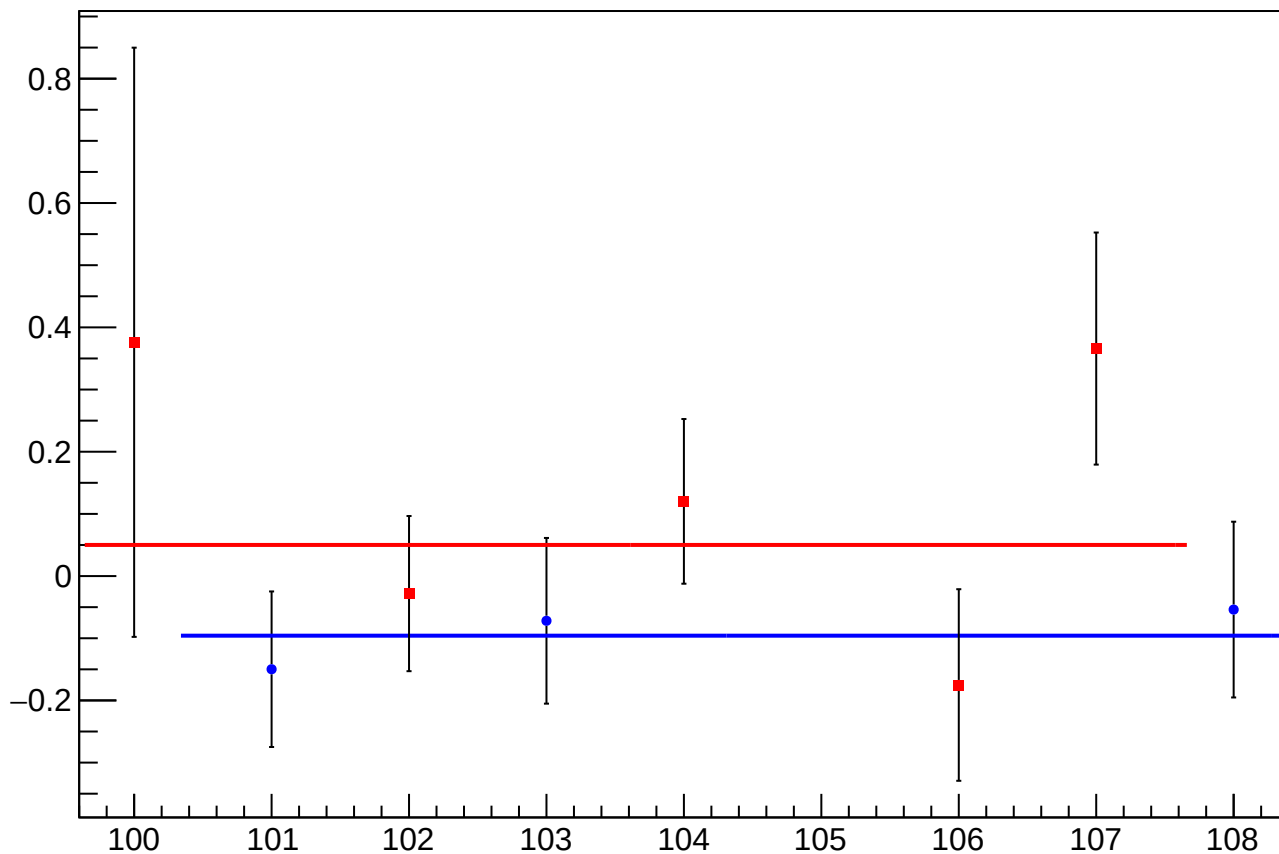
Right: 75.061+/-0.030 χ^2/NDF : 97568.3/7

In: 73.588+/-0.042 χ^2/NDF : 56580.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.061+/-0.030 χ^2/NDF : 97568.3/7

asym_usr_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.096 $\pm$ 0.077 χ^2 /NDF: 0.3/2

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

Right Out: 0.050 $\pm$ 0.071 χ^2 /NDF: 6.1/4

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

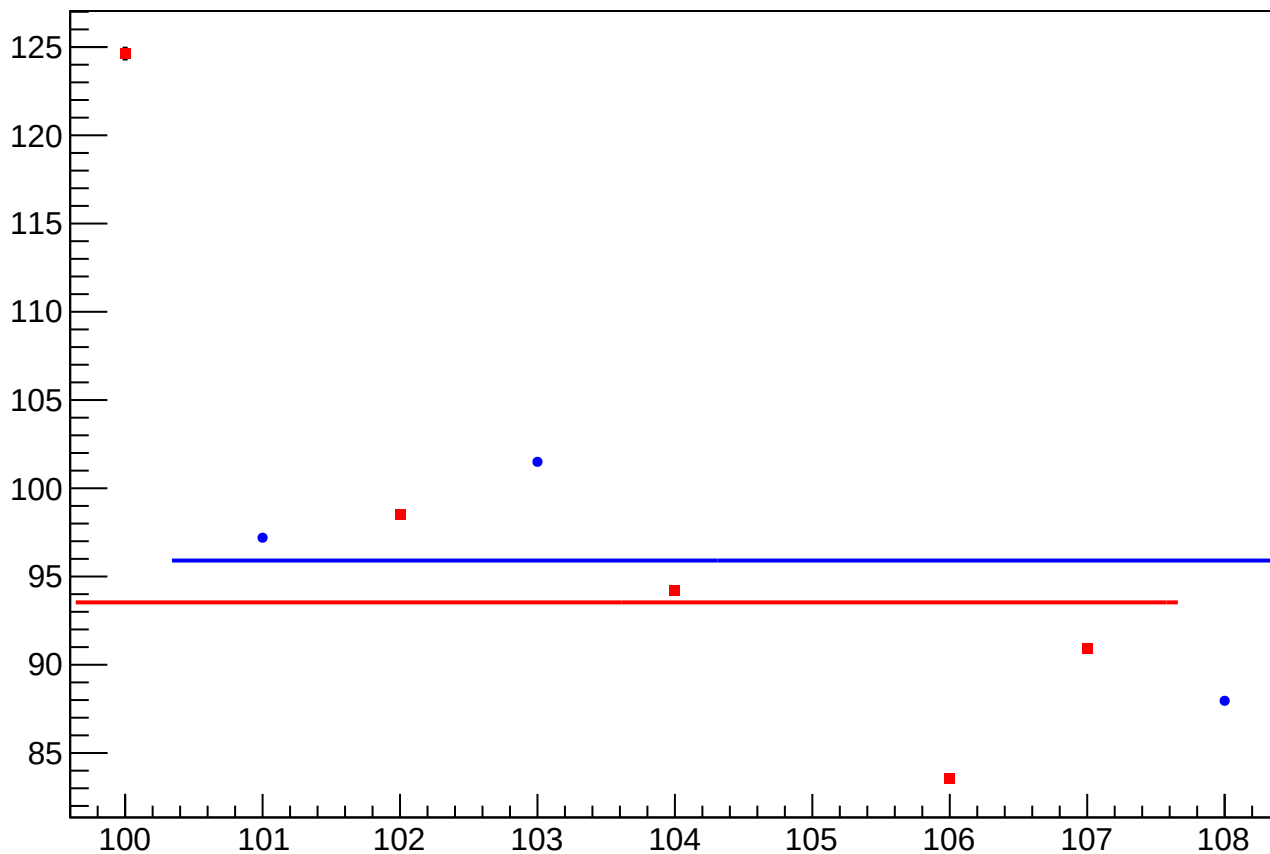
Right: -0.018 $\pm$ 0.052 χ^2 /NDF: 8.4/7

In: -0.096 $\pm$ 0.077 χ^2 /NDF:0.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.052 χ^2 /NDF: 8.4/7

asym_usr_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 95.905+/-0.054 χ^2/NDF : 10059.1/2

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

Right Out: 93.534+/-0.050 χ^2/NDF : 20685.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

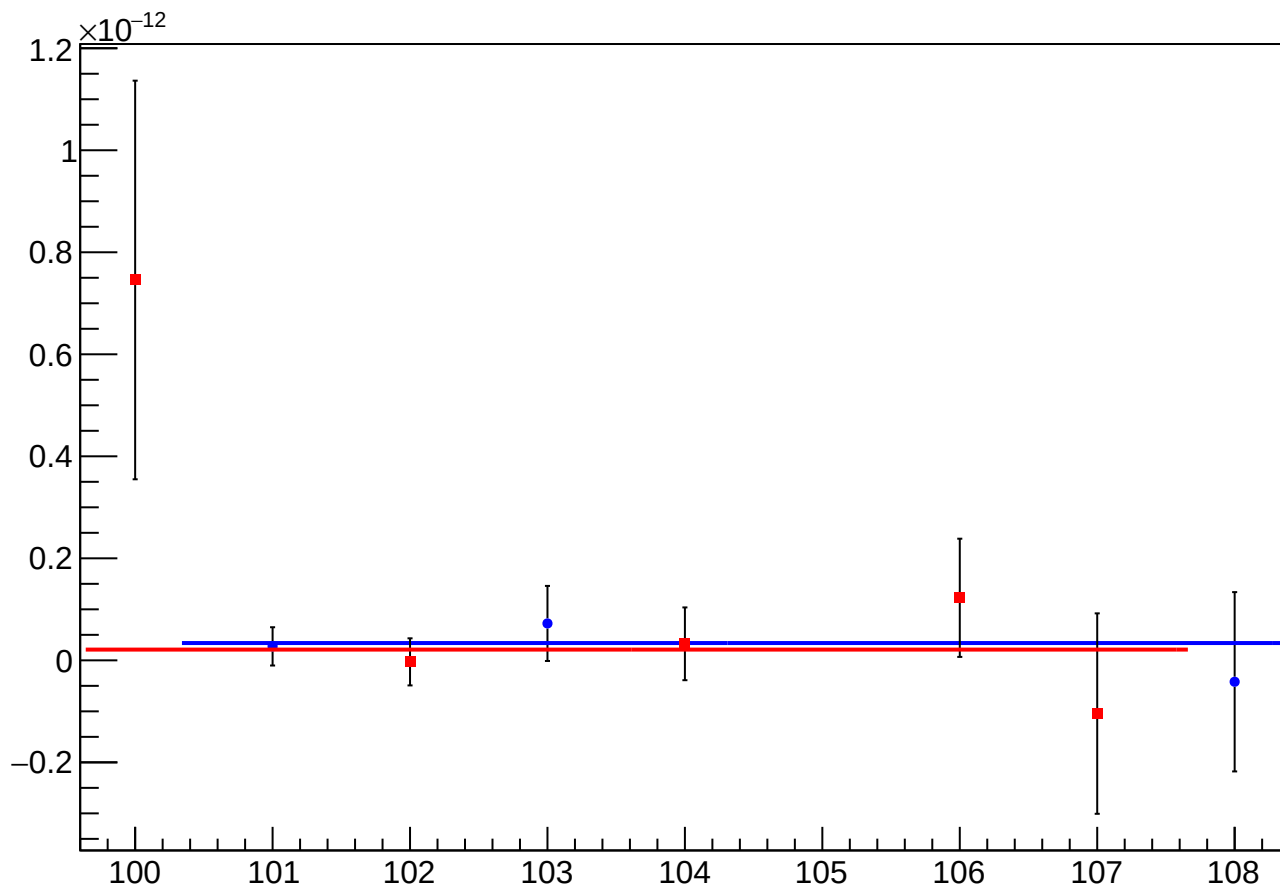
Right: 94.635+/-0.037 χ^2/NDF : 31770.6/7

In: 95.905+/-0.054 χ^2/NDF : 10059.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.635+/-0.037 χ^2/NDF : 31770.6/7

asym_usr_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.5/2

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.9/4

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

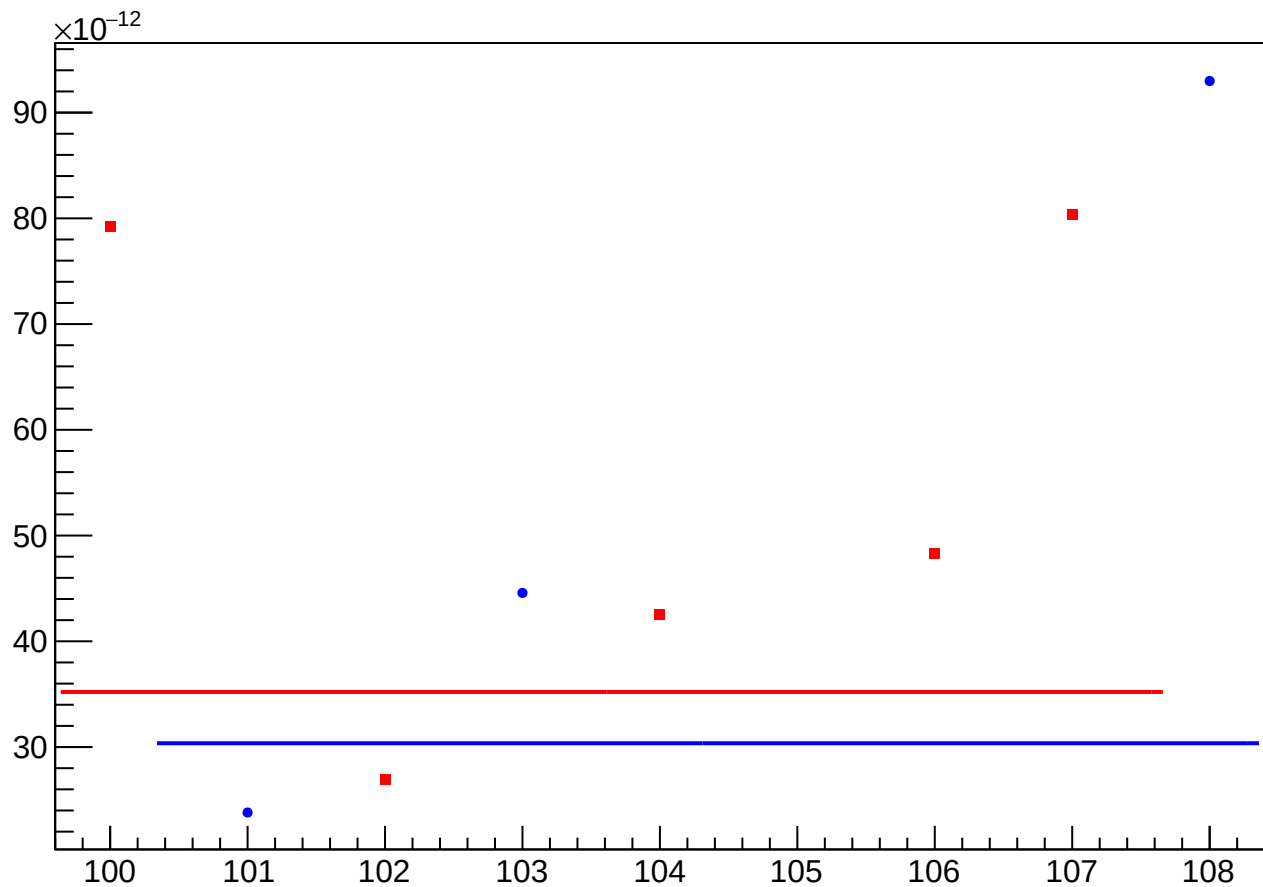
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.5/7

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.5/2

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.5/7

asym_usr_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 389582.1/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 242151.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

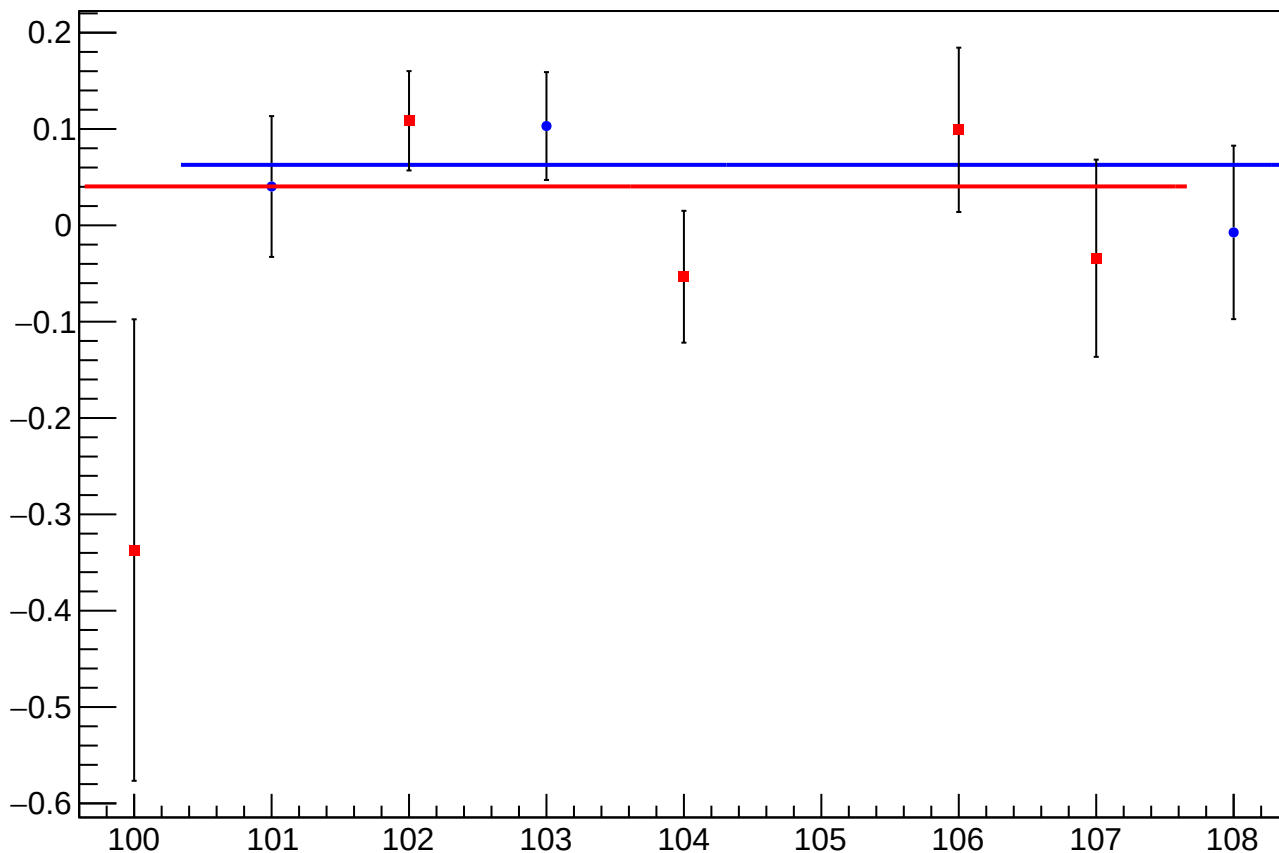
Right: 0.000+/-0.000 χ^2/NDF : 651549.2/7

In: 0.000+/-0.000 χ^2/NDF : 389582.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 651549.2/7

asym_usr_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.063+/-0.040 χ^2/NDF : 1.2/2

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

Right Out: 0.040+/-0.034 χ^2/NDF : 7.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

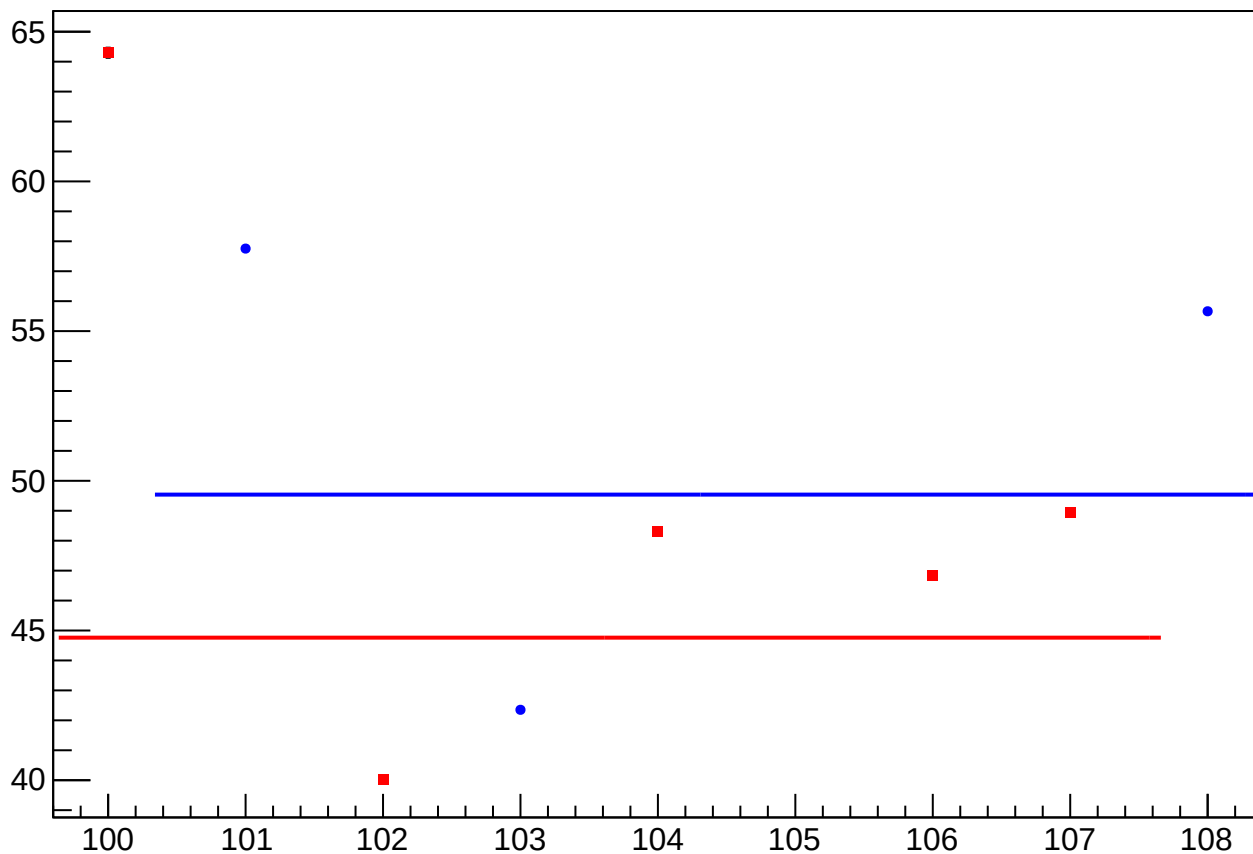
Right: 0.050+/-0.026 χ^2/NDF : 8.5/7

In: 0.063+/-0.040 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.050+/-0.026 χ^2/NDF : 8.5/7

asym_usr_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.539 $\pm$ 0.028 χ^2 /NDF: 67507.1/2

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

Right Out: 44.761 $\pm$ 0.024 χ^2 /NDF: 40178.0/4

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

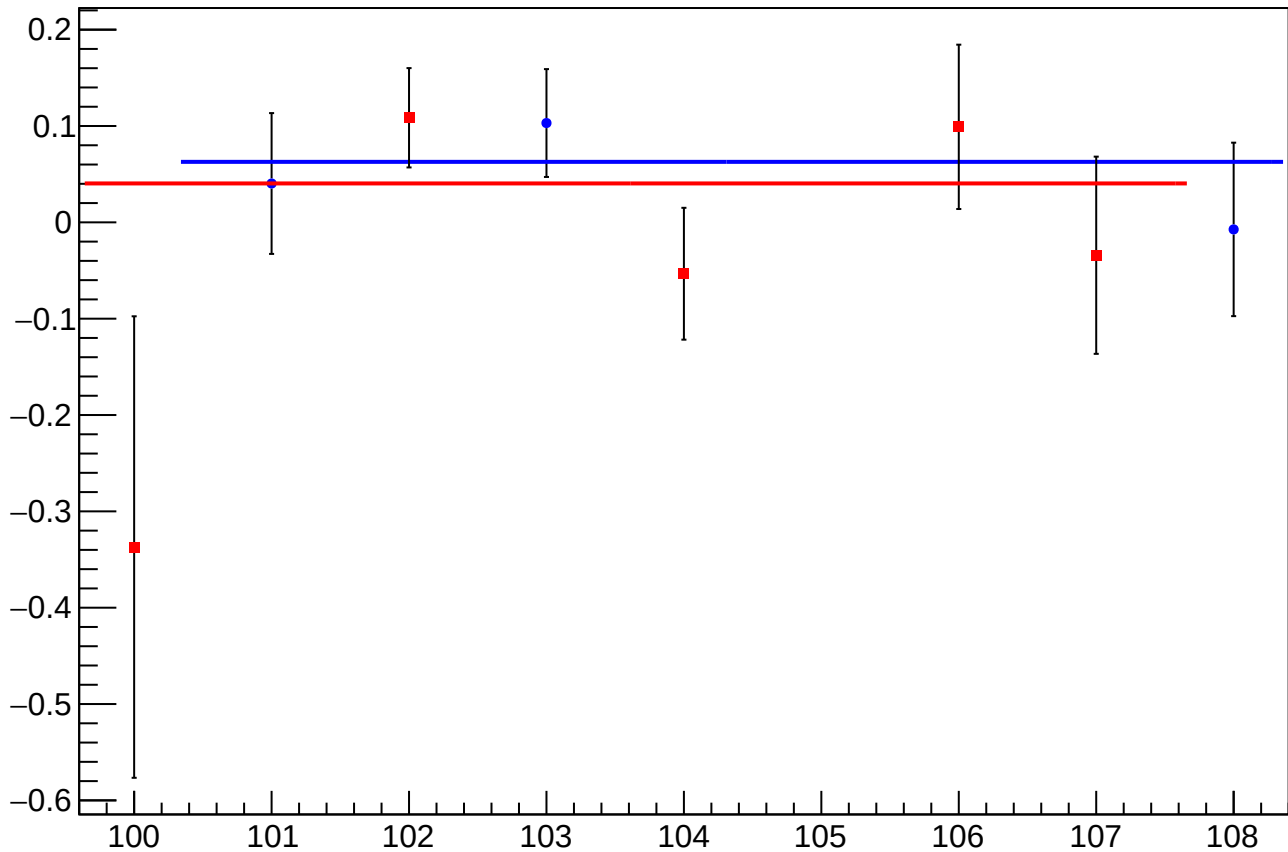
Right: 46.808 $\pm$ 0.018 χ^2 /NDF: 124117.5/7

In: 49.539 $\pm$ 0.028 χ^2 /NDF:67507.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 46.808 $\pm$ 0.018 χ^2 /NDF: 124117.5/7

asym_usr_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.063 $\pm$ 0.040 χ^2 /NDF: 1.2/2

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

Right Out: 0.040 $\pm$ 0.034 χ^2 /NDF: 7.1/4

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

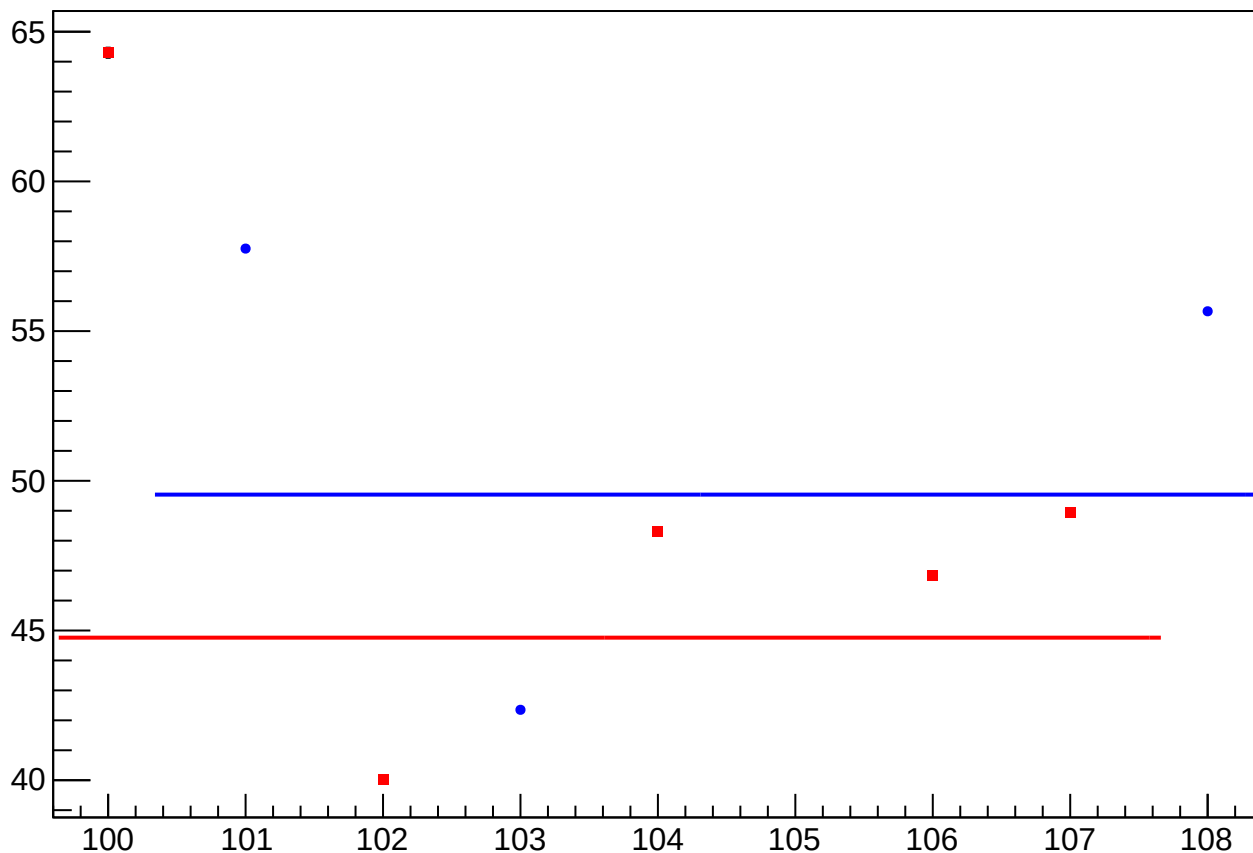
Right: 0.050 $\pm$ 0.026 χ^2 /NDF: 8.5/7

In: 0.063 $\pm$ 0.040 χ^2 /NDF: 1.2/2

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

All: 0.050 $\pm$ 0.026 χ^2 /NDF: 8.5/7

asym_usr_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.539+/-0.028 χ^2/NDF : 67507.1/2

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

Right Out: 44.761+/-0.024 χ^2/NDF : 40178.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

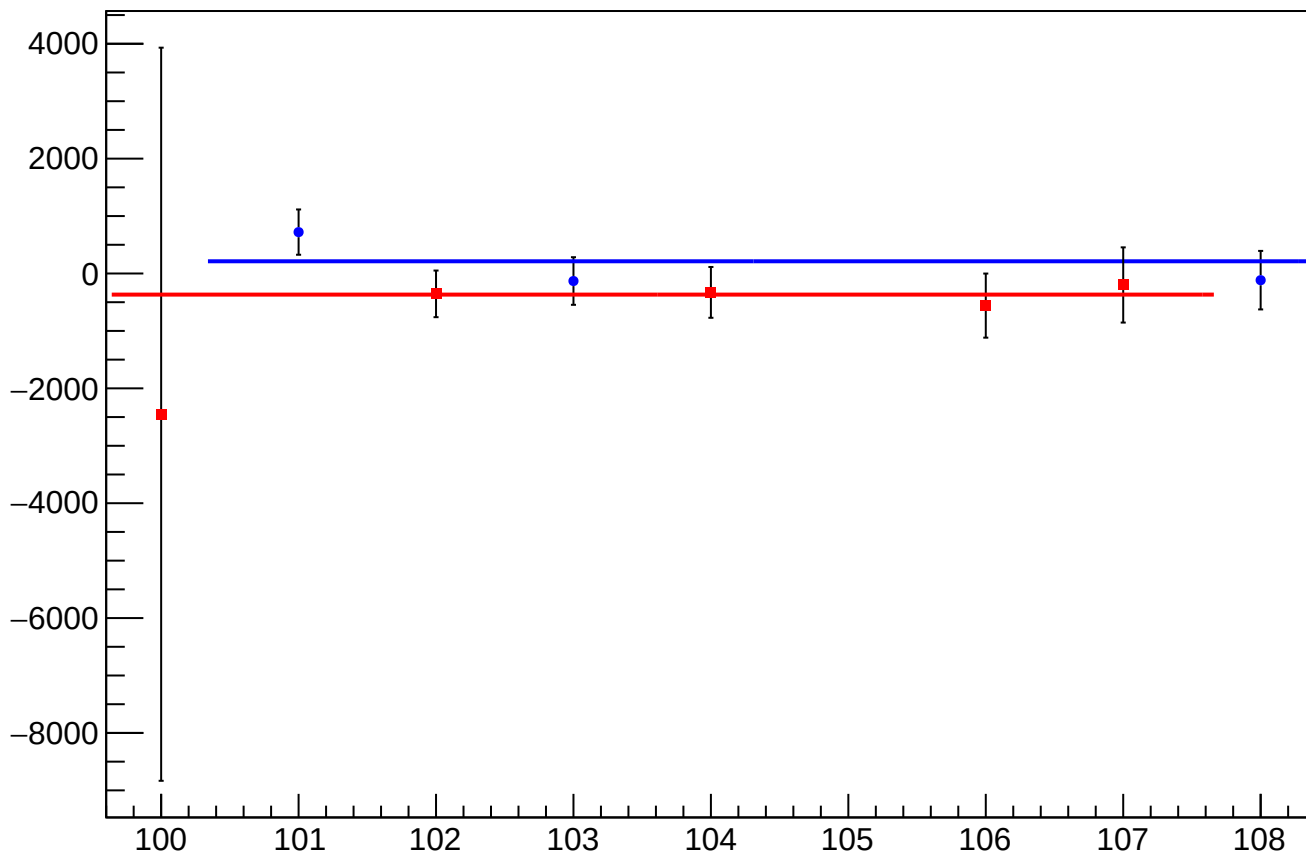
Right: 46.808+/-0.018 χ^2/NDF : 124117.5/7

In: 49.539+/-0.028 χ^2/NDF : 67507.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.808+/-0.018 χ^2/NDF : 124117.5/7

asym_dsl_mean vs Slug, Sign Corrected



Right In: 212.676+/-249.198 χ^2/NDF : 2.8/2

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

Right Out: -367.584+/-244.356 χ^2/NDF : 0.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

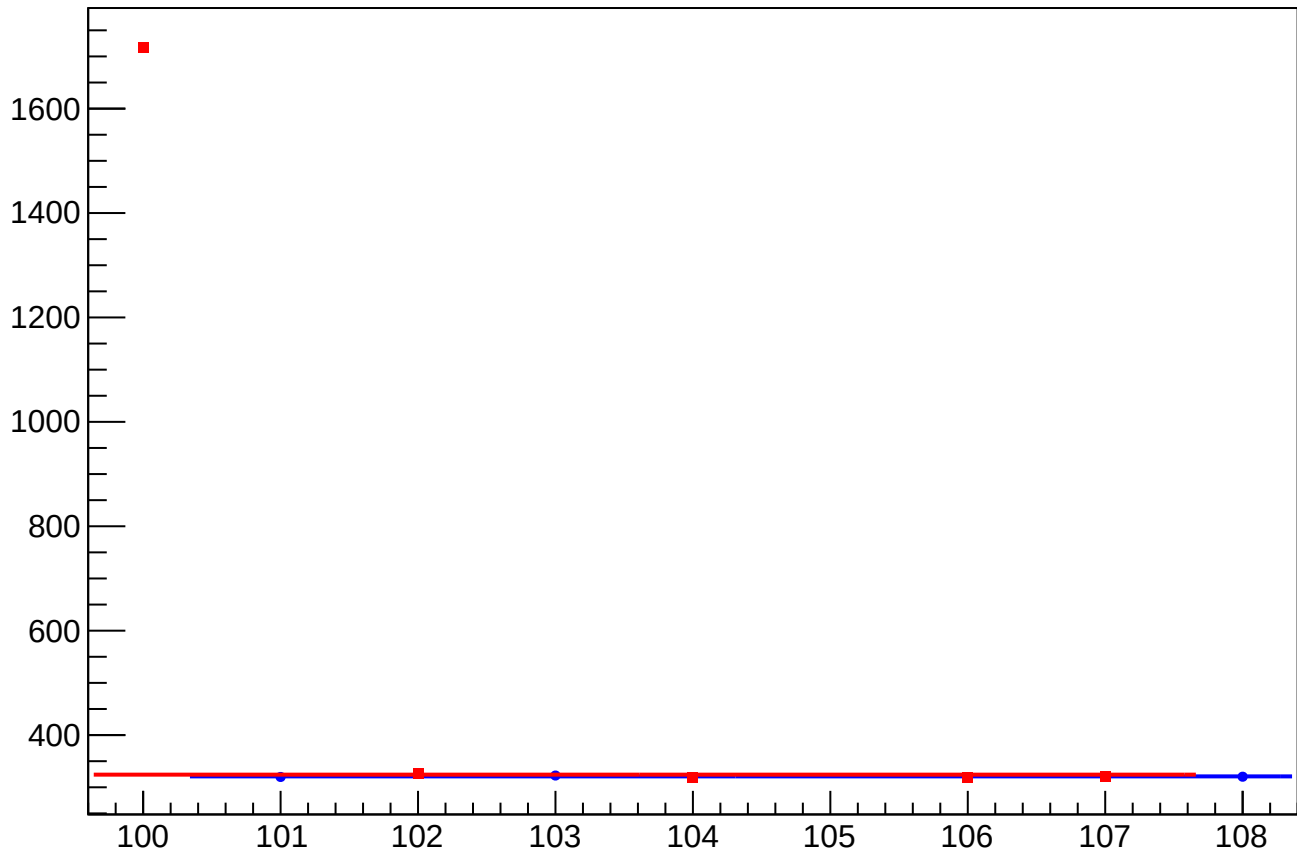
Right: -83.146+/-174.473 χ^2/NDF : 5.8/7

In: 212.676+/-249.198 χ^2/NDF : 2.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -83.146+/-174.473 χ^2/NDF : 5.8/7

asym_dsl_rms vs Slug, Sign Corrected



Right In: 320.894+/-0.176 χ^2/NDF : 49.5/2

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

Right Out: 324.218+/-0.173 χ^2/NDF : 96025.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

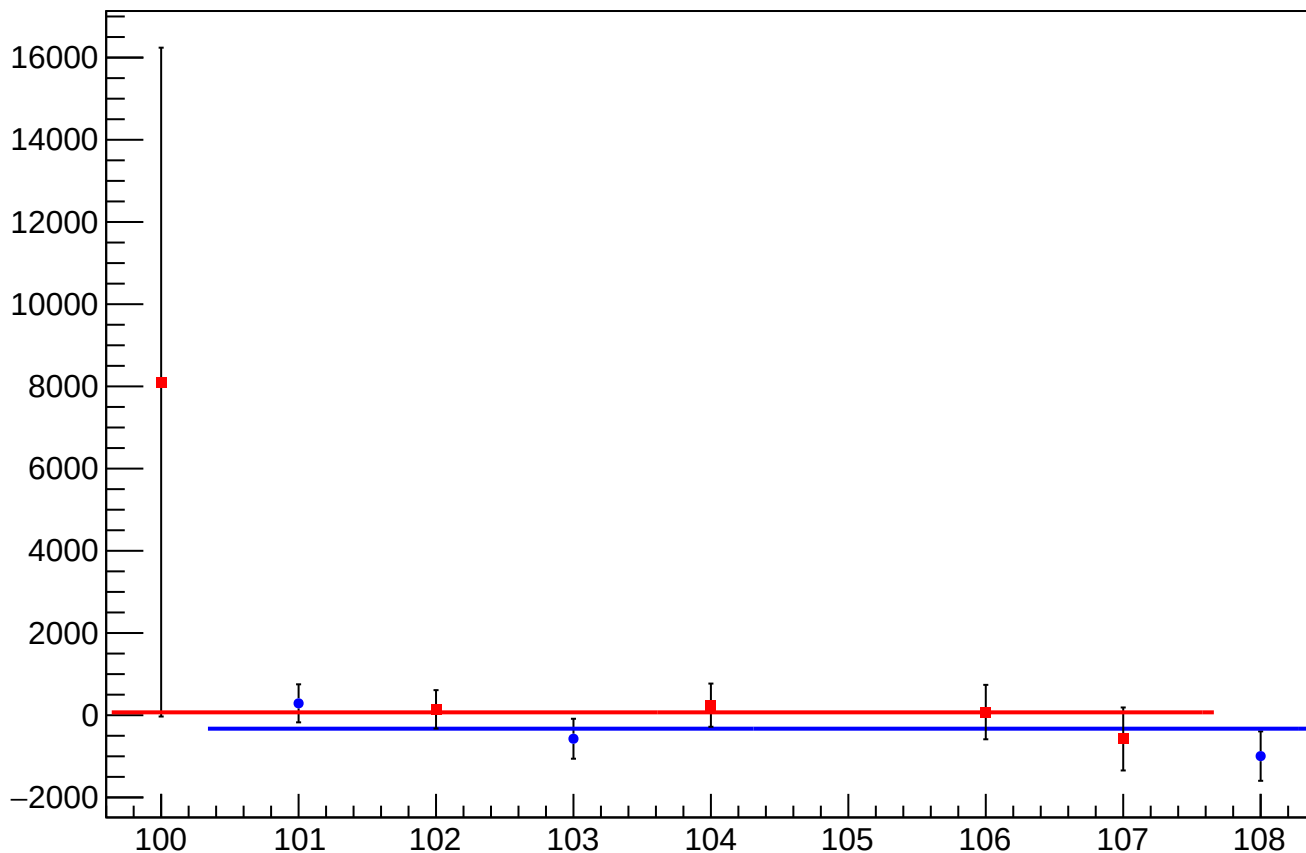
Right: 322.589+/-0.123 χ^2/NDF : 96256.4/7

In: 320.894+/-0.176 χ^2/NDF : 49.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 322.589+/-0.123 χ^2/NDF : 96256.4/7

asym_dsr_mean vs Slug, Sign Corrected



Right In: -327.642+/-292.711 χ^2/NDF : 3.3/2

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

Right Out: 69.882+/-286.303 χ^2/NDF : 1.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

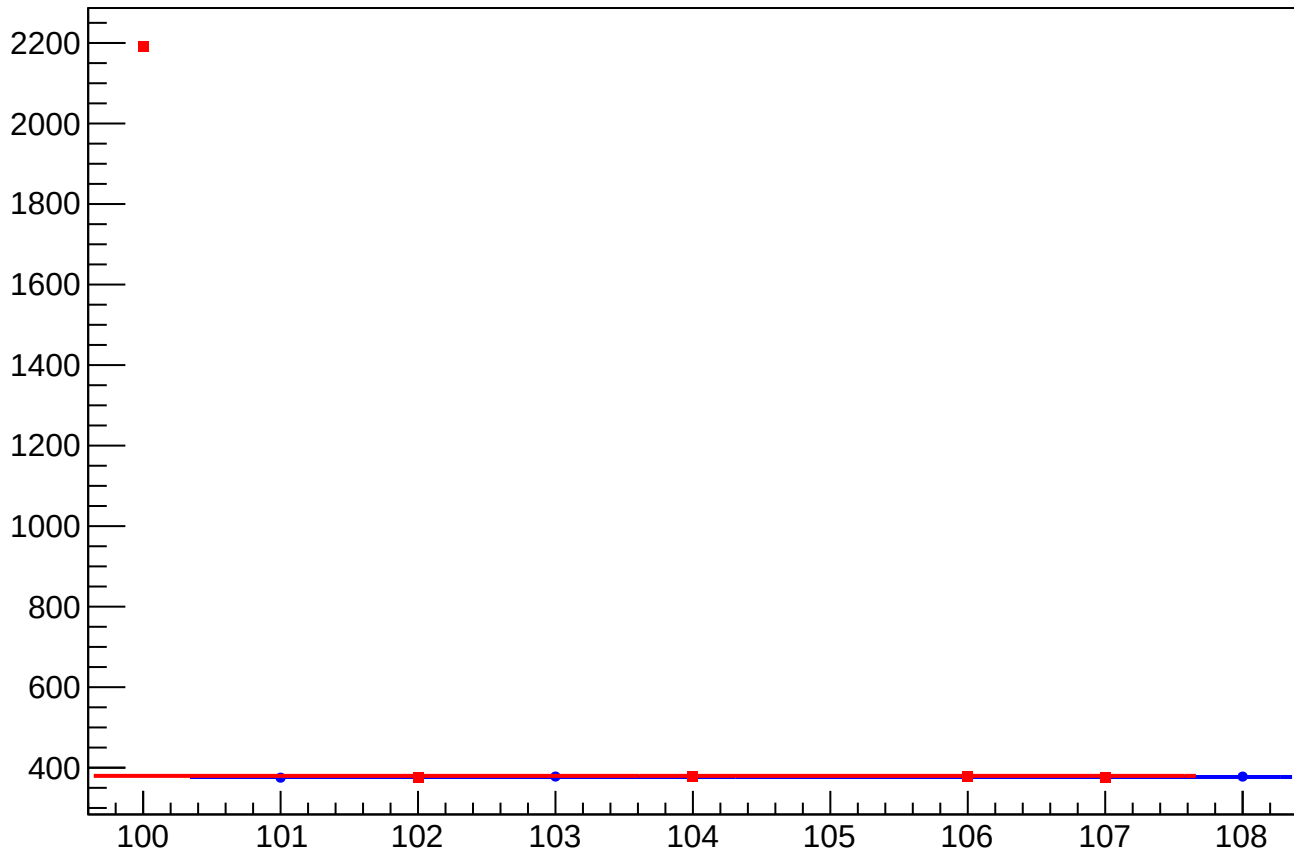
Right: -124.481+/-204.675 χ^2/NDF : 6.0/7

In: -327.642+/-292.711 χ^2/NDF : 3.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -124.481+/-204.675 χ^2/NDF : 6.0/7

asym_dsr_rms vs Slug, Sign Corrected



Right In: 376.909 $\pm$ 0.207 χ^2 /NDF: 42.2/2

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

Right Out: 379.700 $\pm$ 0.202 χ^2 /NDF: 99151.9/4

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

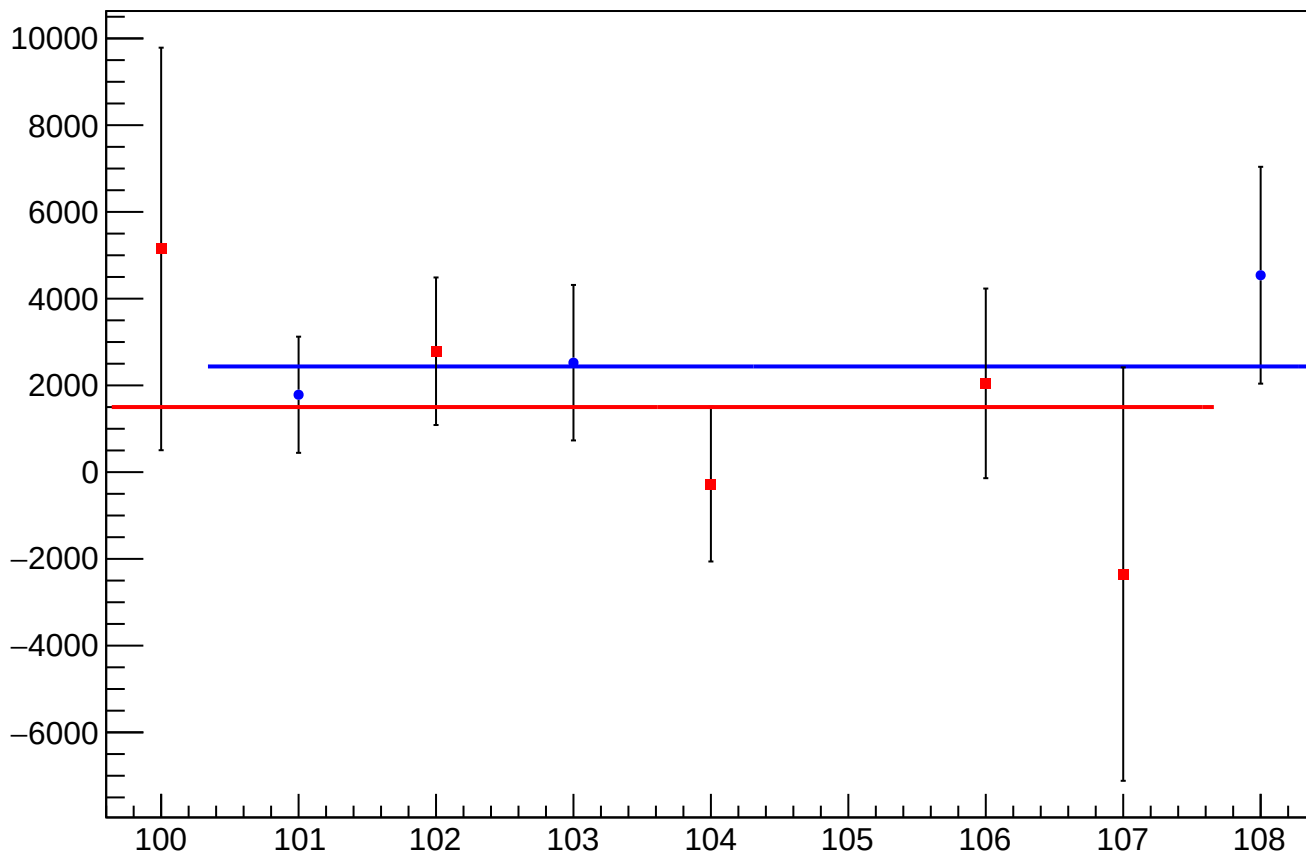
Right: 378.335 $\pm$ 0.145 χ^2 /NDF: 99287.1/7

In: 376.909 $\pm$ 0.207 χ^2 /NDF:42.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 378.335 $\pm$ 0.145 χ^2 /NDF: 99287.1/7

asym_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 2436.662+/-985.922 χ^2/NDF : 0.9/2

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

Right Out: 1500.843+/-1020.794 χ^2/NDF : 2.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

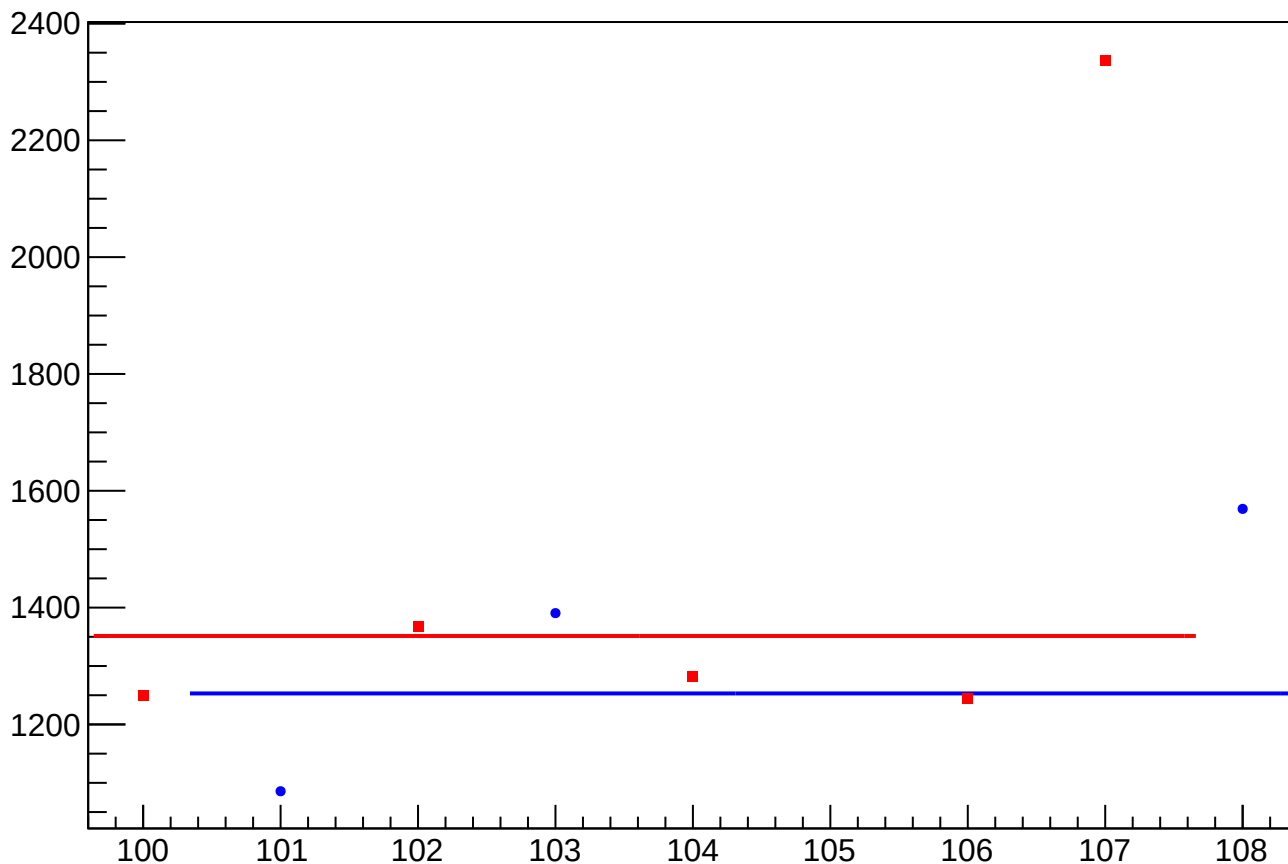
Right: 1985.010+/-709.160 χ^2/NDF : 4.3/7

In: 2436.662+/-985.922 χ^2/NDF : 0.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1985.010+/-709.160 χ^2/NDF : 4.3/7

asym_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 1253.071+/-0.697 χ^2/NDF : 74981.4/2

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

Right Out: 1351.444+/-0.722 χ^2/NDF : 94455.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

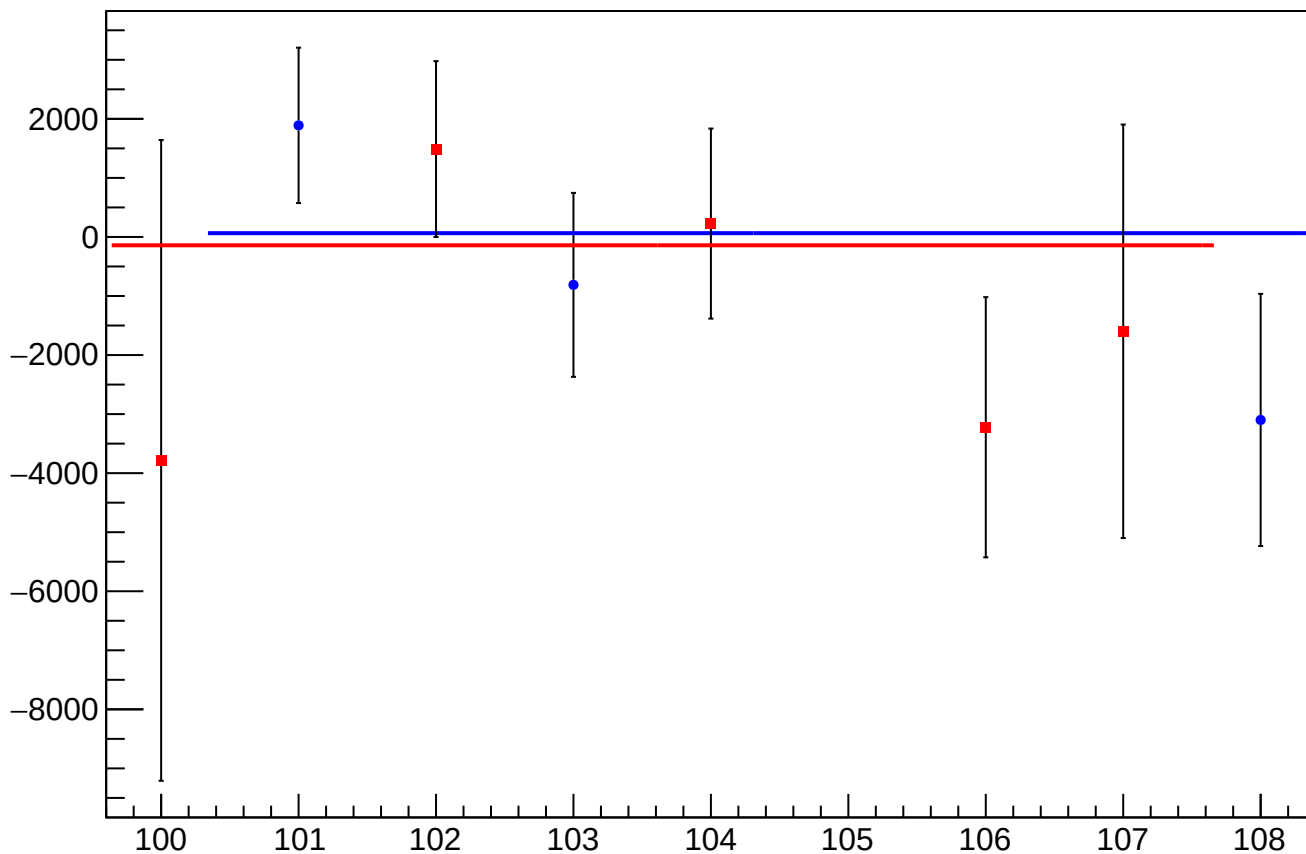
Right: 1300.549+/-0.501 χ^2/NDF : 179047.0/7

In: 1253.071+/-0.697 χ^2/NDF : 74981.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1300.549+/-0.501 χ^2/NDF : 179047.0/7

asym_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 64.391+/-909.411 χ^2/NDF : 4.4/2

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

Right Out: -141.444+/-929.024 χ^2/NDF : 3.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

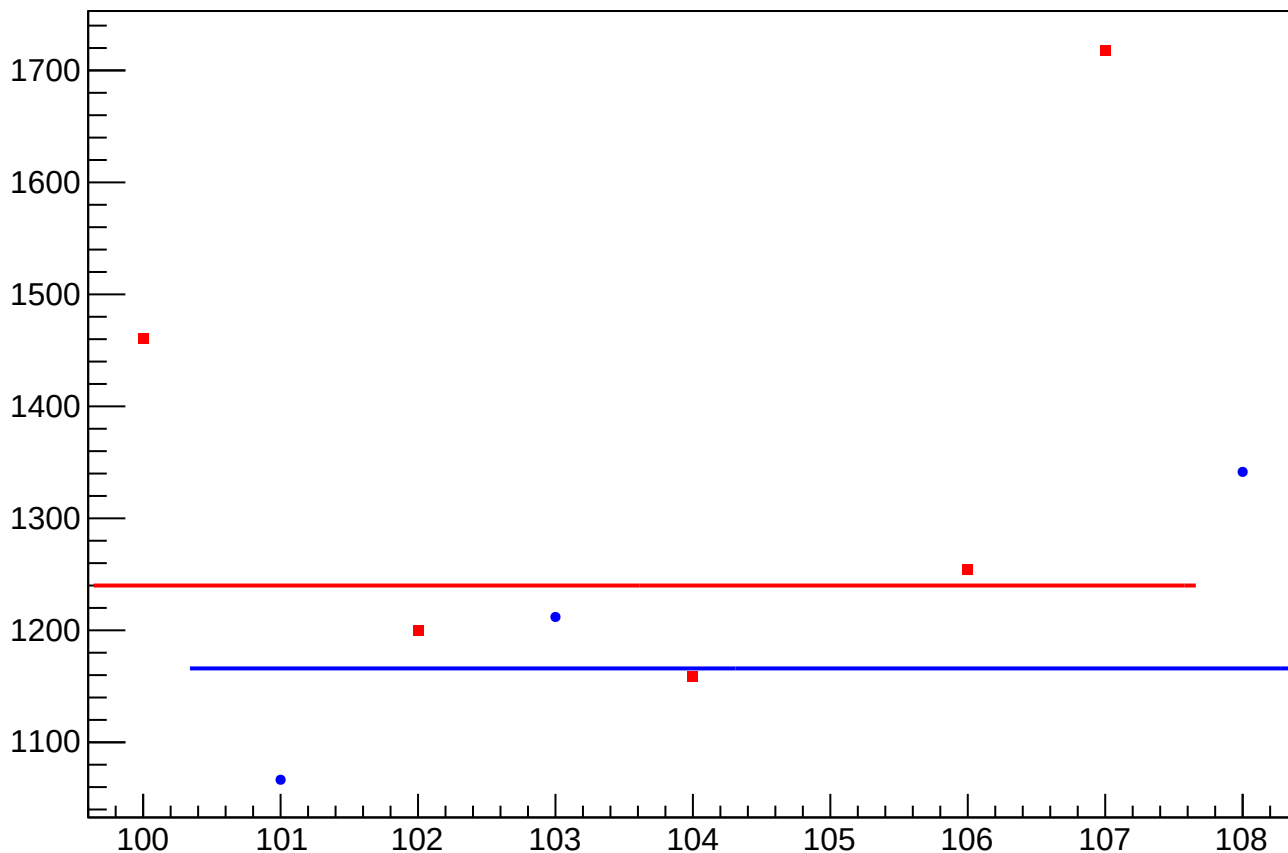
Right: -36.331+/-649.874 χ^2/NDF : 8.3/7

In: 64.391+/-909.411 χ^2/NDF : 4.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.331+/-649.874 χ^2/NDF : 8.3/7

asym_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 1165.967 $\pm$ 0.643 χ^2 /NDF: 26673.2/2

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

Right Out: 1240.010 $\pm$ 0.657 χ^2 /NDF: 47199.1/4

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

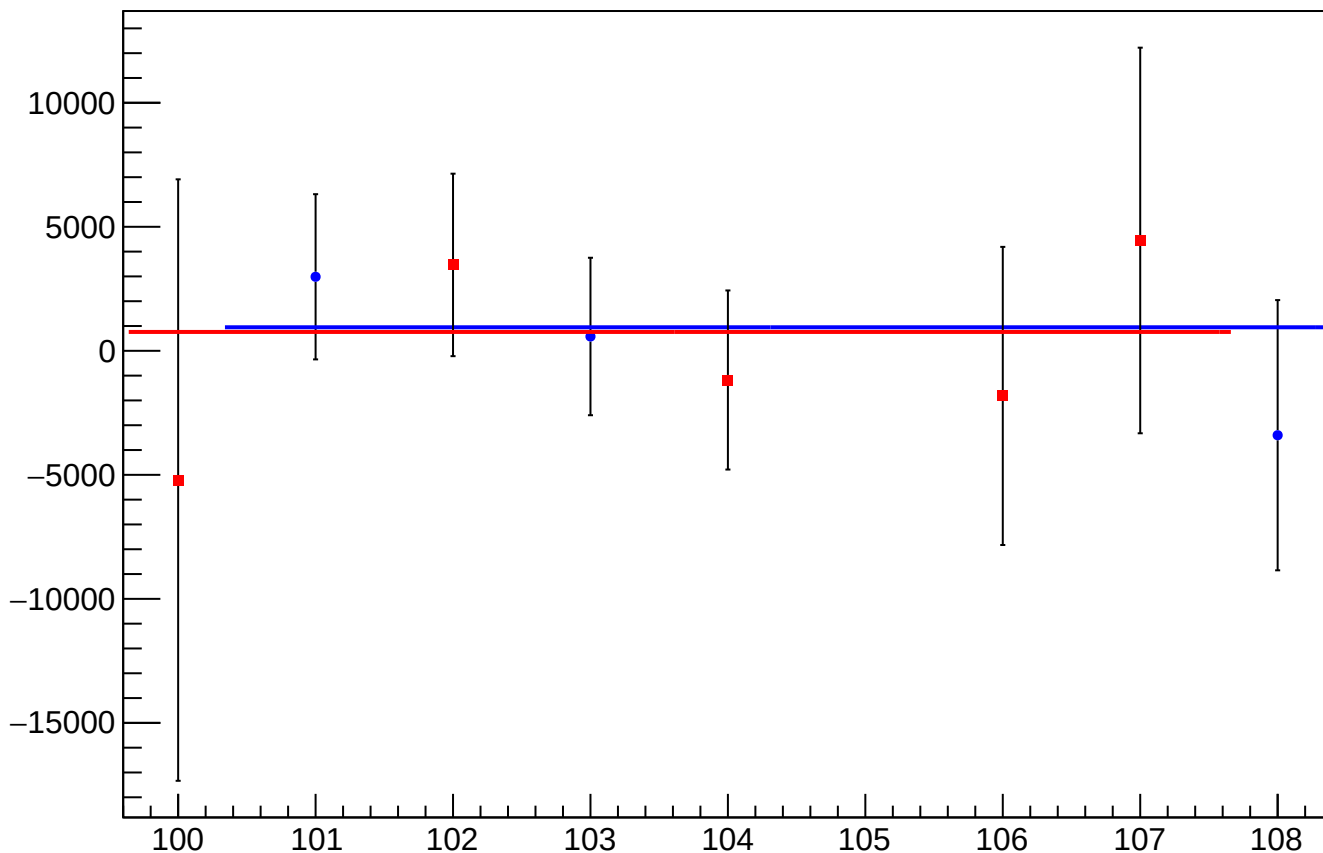
Right: 1202.199 $\pm$ 0.460 χ^2 /NDF: 80360.0/7

In: 1165.967 $\pm$ 0.643 χ^2 /NDF: 26673.2/2

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

All: 1202.199 $\pm$ 0.460 χ^2 /NDF: 80360.0/7

reg_asym_atl1_mean vs Slug, Sign Corrected



Right In: 949.004 $\pm$ 2117.065 χ^2 /NDF: 1.0/2

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

Right Out: 761.027 $\pm$ 2226.757 χ^2 /NDF: 1.5/4

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

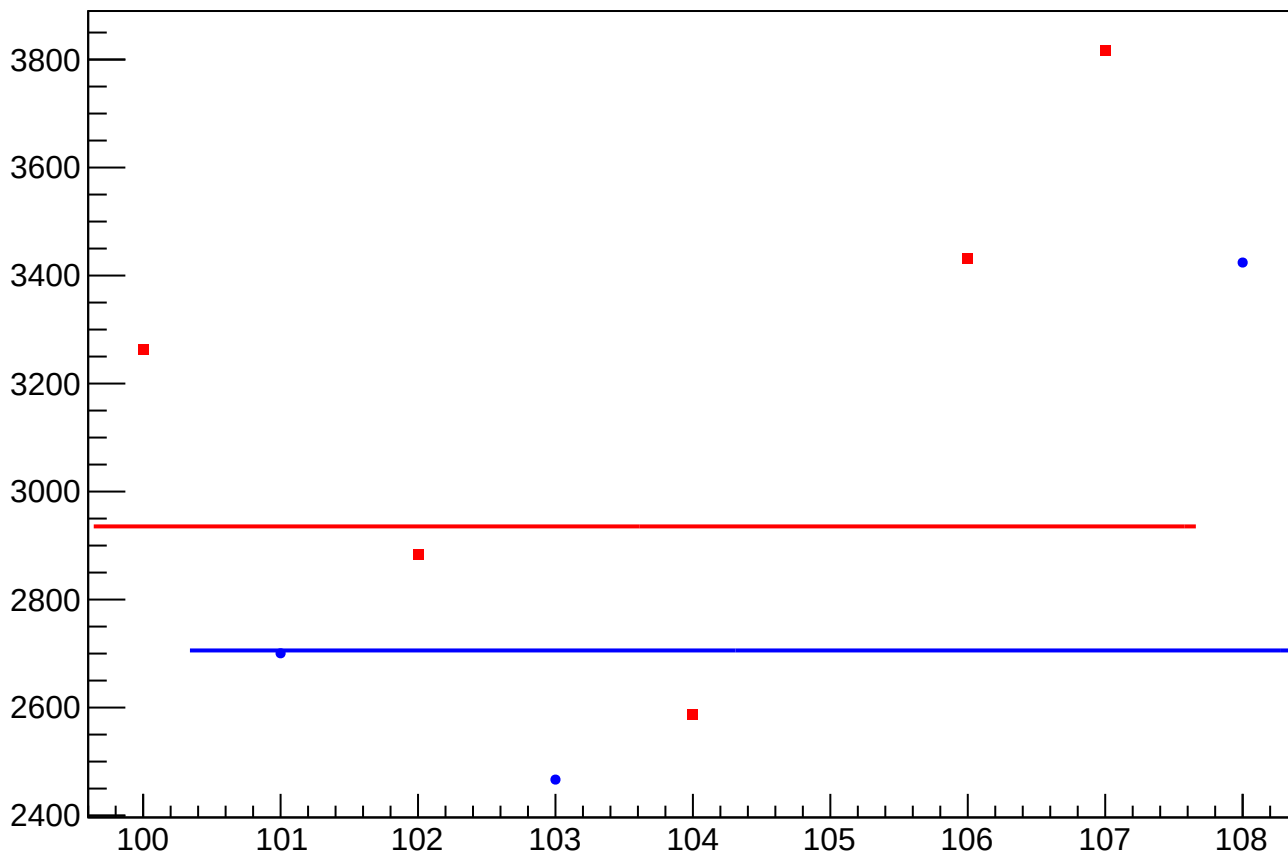
Right: 859.759 $\pm$ 1534.305 χ^2 /NDF: 2.5/7

In: 949.004 $\pm$ 2117.065 χ^2 /NDF: 1.0/2

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

All: 859.759 $\pm$ 1534.305 χ^2 /NDF: 2.5/7

reg_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2705.769+/-1.497 χ^2/NDF : 46134.9/2

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

Right Out: 2935.460+/-1.575 χ^2/NDF : 59728.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

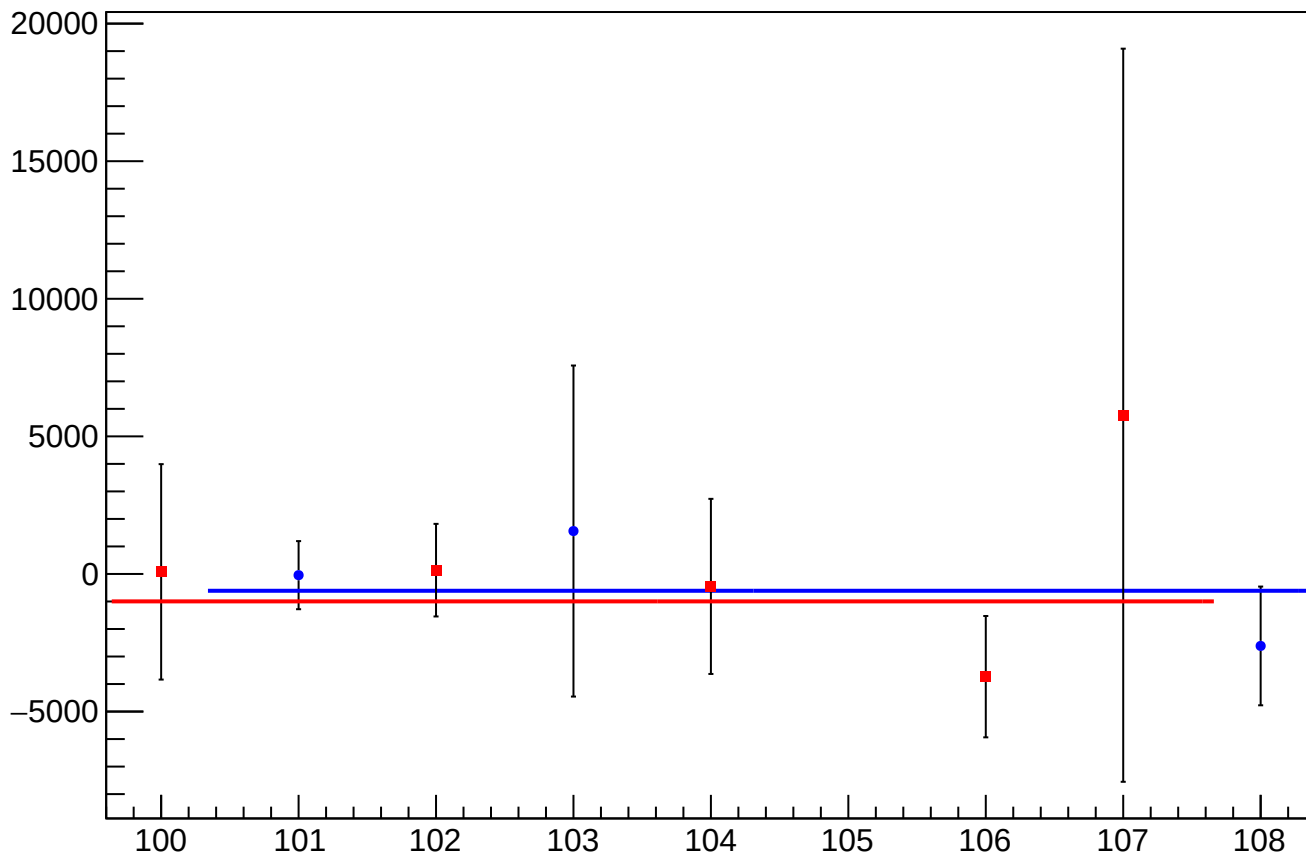
Right: 2814.818+/-1.085 χ^2/NDF : 117040.6/7

In: 2705.769+/-1.497 χ^2/NDF : 46134.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2814.818+/-1.085 χ^2/NDF : 117040.6/7

asym_atl1_reg_correction_mean vs Slug, Sign Corrected



Right In: -611.028 $\pm$ 1056.732 χ^2 /NDF: 1.2/2

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

Right Out: -996.567 $\pm$ 1171.443 χ^2 /NDF: 2.4/4

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

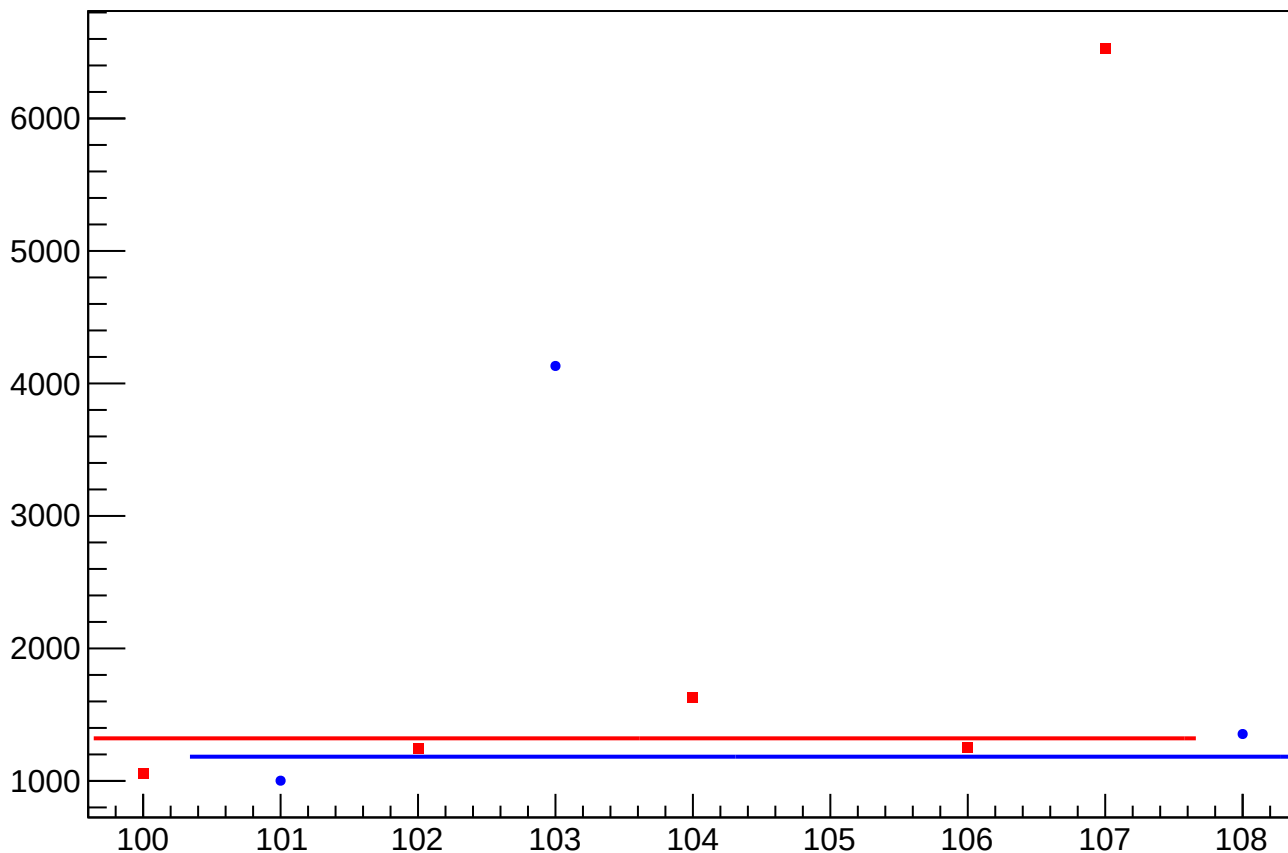
Right: -784.002 $\pm$ 784.652 χ^2 /NDF: 3.6/7

In: -611.028 $\pm$ 1056.732 χ^2 /NDF:1.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -784.002 $\pm$ 784.652 χ^2 /NDF: 3.6/7

asym_atl1_reg_correction_rms vs Slug, Sign Corrected



Right In: 1183.022+/-0.747 χ^2/NDF : 536149.2/2

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

Right Out: 1321.500+/-0.828 χ^2/NDF : 339601.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

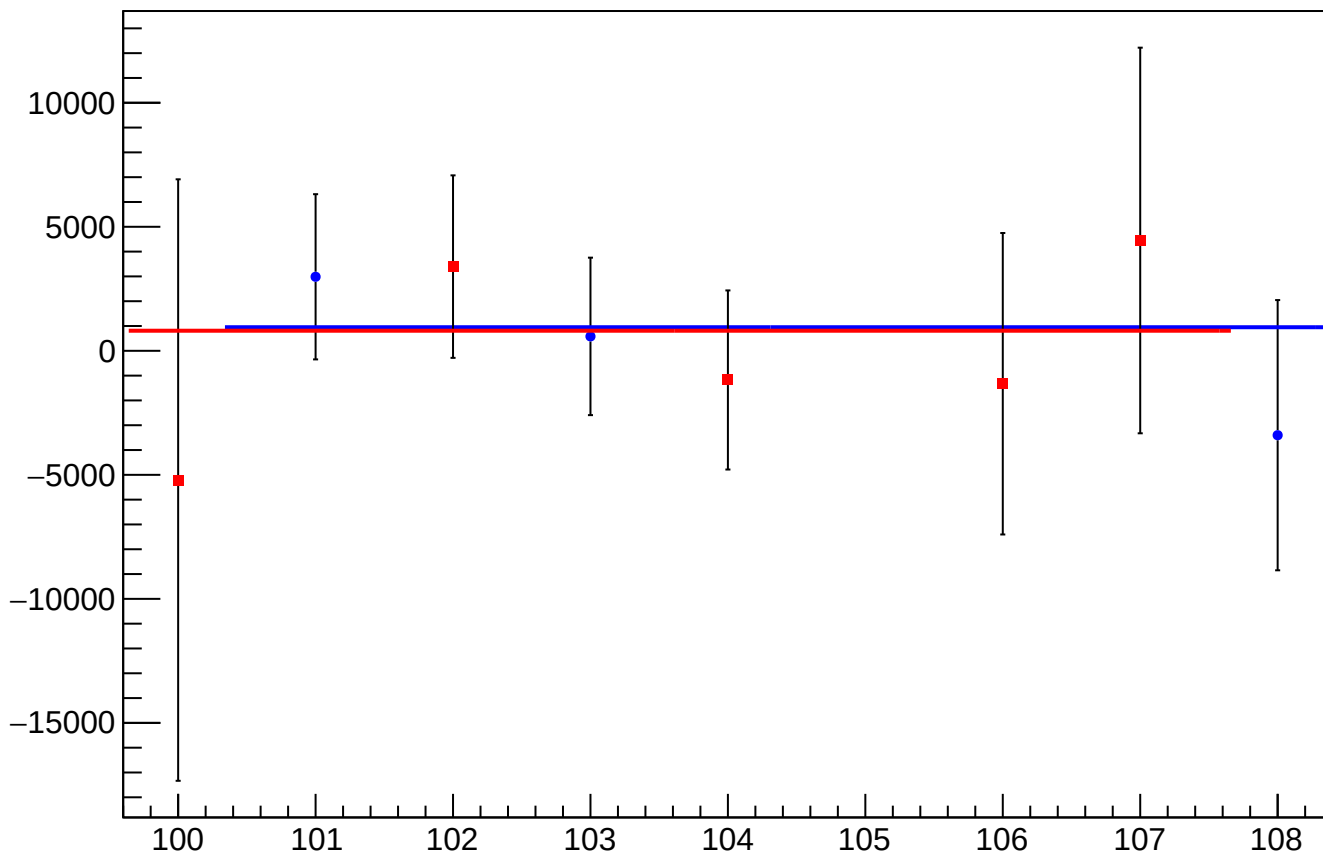
Right: 1245.151+/-0.555 χ^2/NDF : 891160.0/7

In: 1183.022+/-0.747 χ^2/NDF : 536149.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1245.151+/-0.555 χ^2/NDF : 891160.0/7

cor_asym_atl1_mean vs Slug, Sign Corrected



Right In: 950.775+/-2117.066 χ^2/NDF : 1.0/2

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

Right Out: 810.006+/-2230.236 χ^2/NDF : 1.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

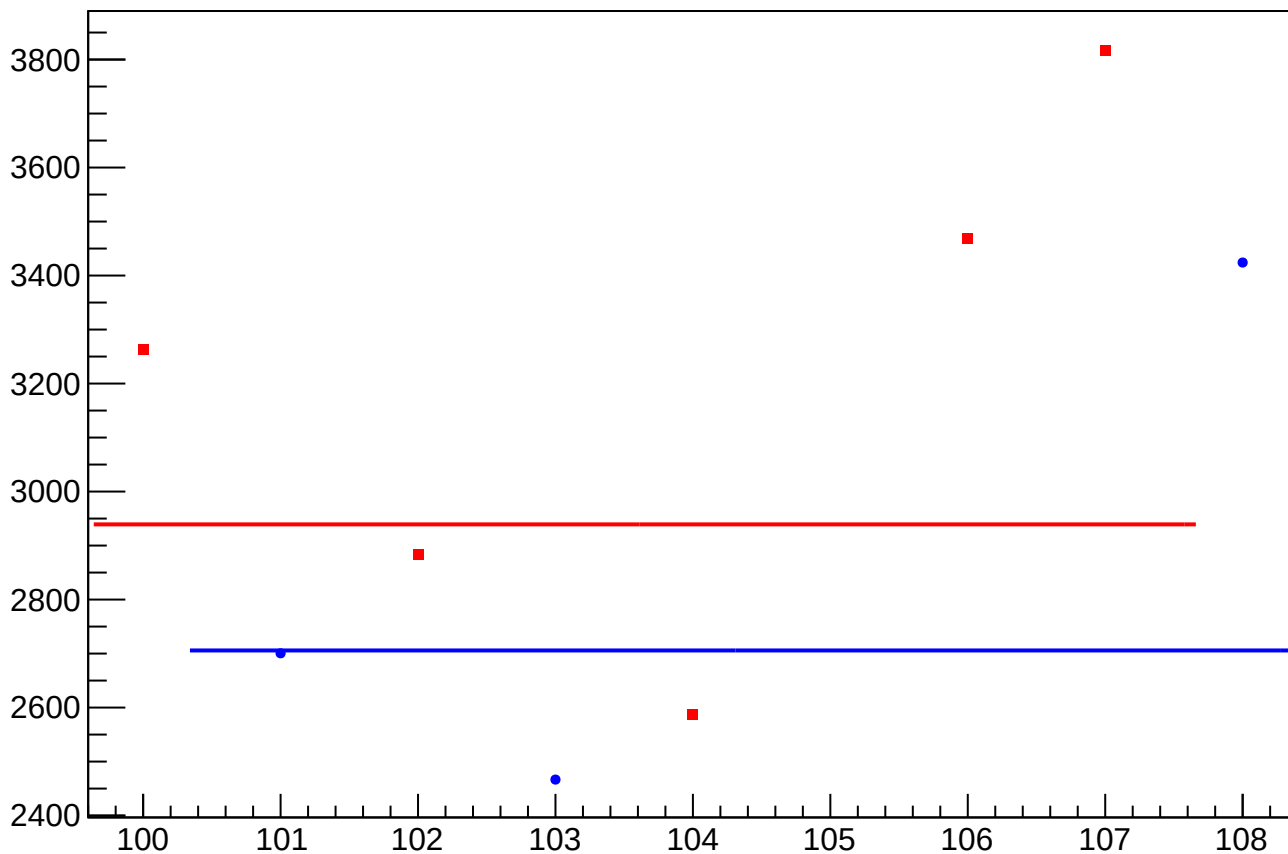
Right: 884.053+/-1535.442 χ^2/NDF : 2.4/7

In: 950.775+/-2117.066 χ^2/NDF : 1.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 884.053+/-1535.442 χ^2/NDF : 2.4/7

cor_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2705.770+/-1.497 χ^2/NDF : 46134.8/2

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

Right Out: 2939.215+/-1.577 χ^2/NDF : 61535.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

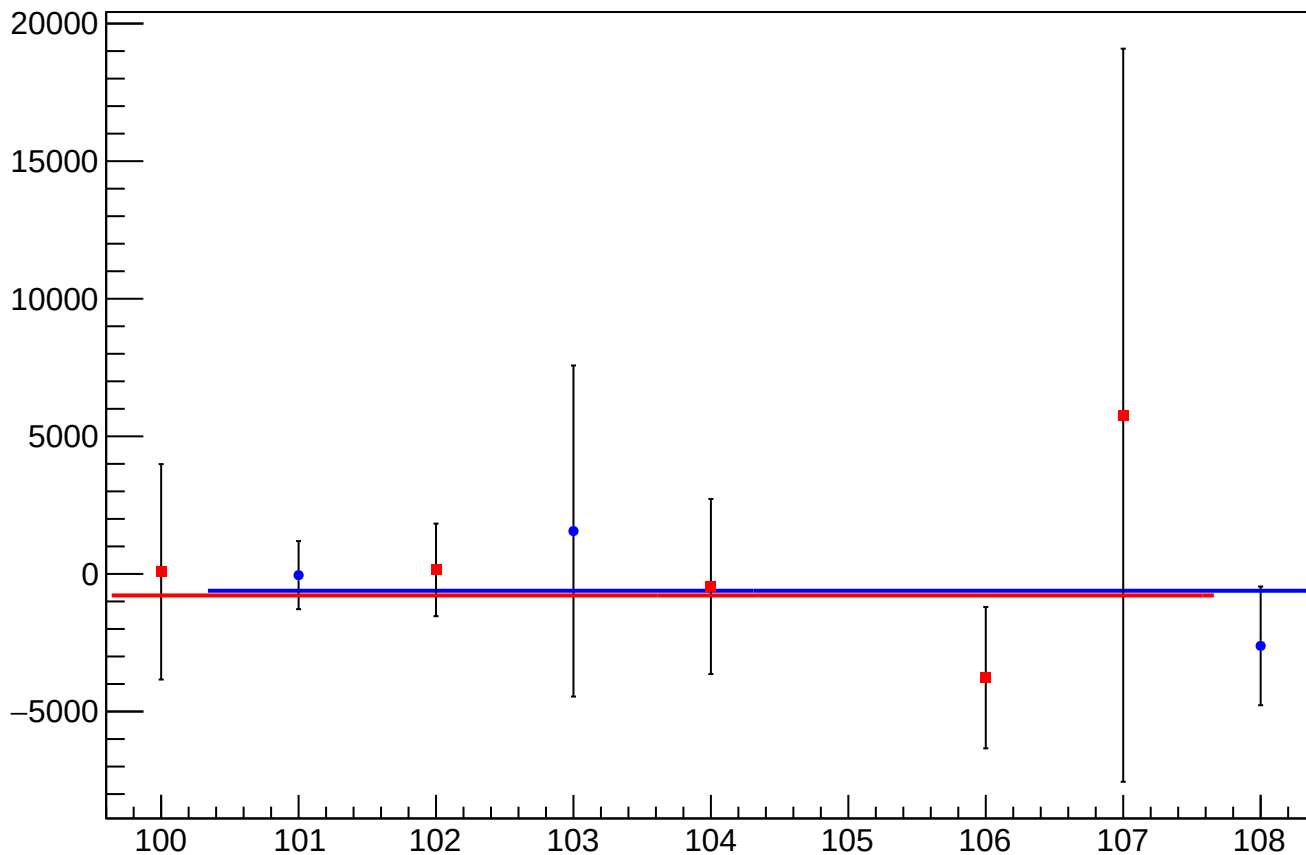
Right: 2816.419+/-1.086 χ^2/NDF : 119196.9/7

In: 2705.770+/-1.497 χ^2/NDF : 46134.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2816.419+/-1.086 χ^2/NDF : 119196.9/7

asym_atl1_cor_correction_mean vs Slug, Sign Corrected



Right In: -611.000+/-1056.722 χ^2/NDF : 1.2/2

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

Right Out: -781.336+/-1217.558 χ^2/NDF : 2.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

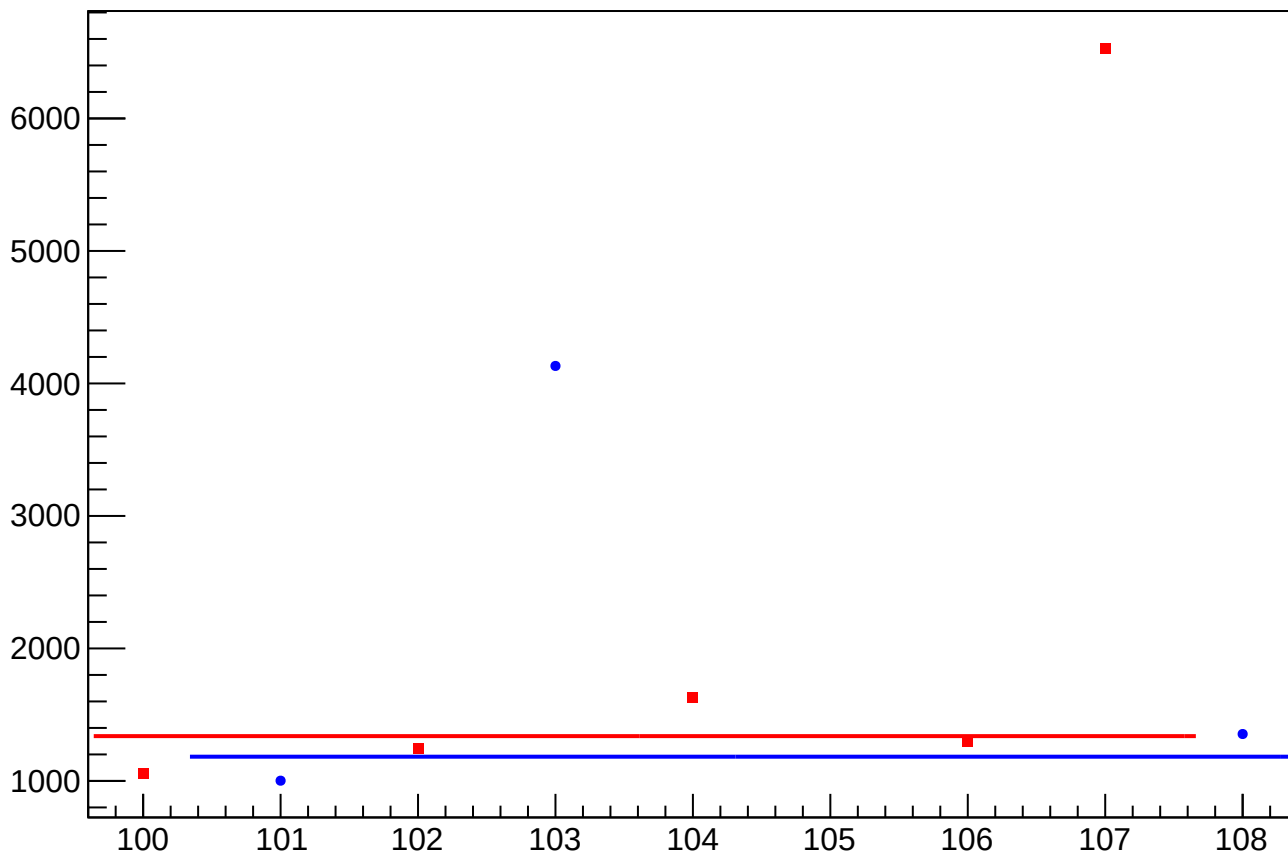
Right: -684.182+/-798.065 χ^2/NDF : 3.2/7

In: -611.000+/-1056.722 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -684.182+/-798.065 χ^2/NDF : 3.2/7

asym_atl1_cor_correction_rms vs Slug, Sign Corrected



Right In: 1183.003+/-0.747 χ^2/NDF : 536145.5/2

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

Right Out: 1338.221+/-0.861 χ^2/NDF : 337298.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

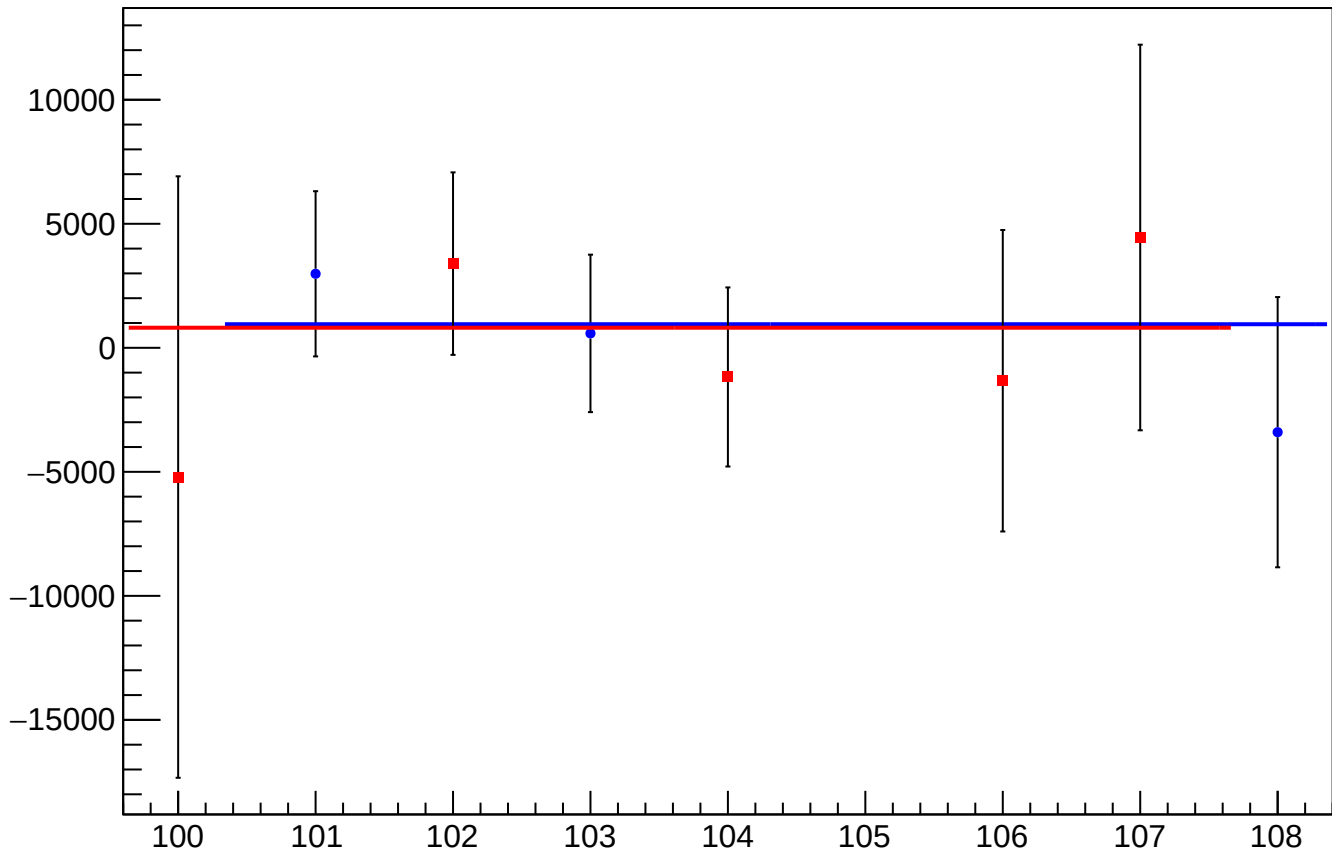
Right: 1249.690+/-0.564 χ^2/NDF : 891983.3/7

In: 1183.003+/-0.747 χ^2/NDF : 536145.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1249.690+/-0.564 χ^2/NDF : 891983.3/7

eigen_cor_asym_atl1_mean vs Slug, Sign Corrected



Right In: 950.775+/-2117.066 χ^2/NDF : 1.0/2

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

Right Out: 810.006+/-2230.236 χ^2/NDF : 1.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

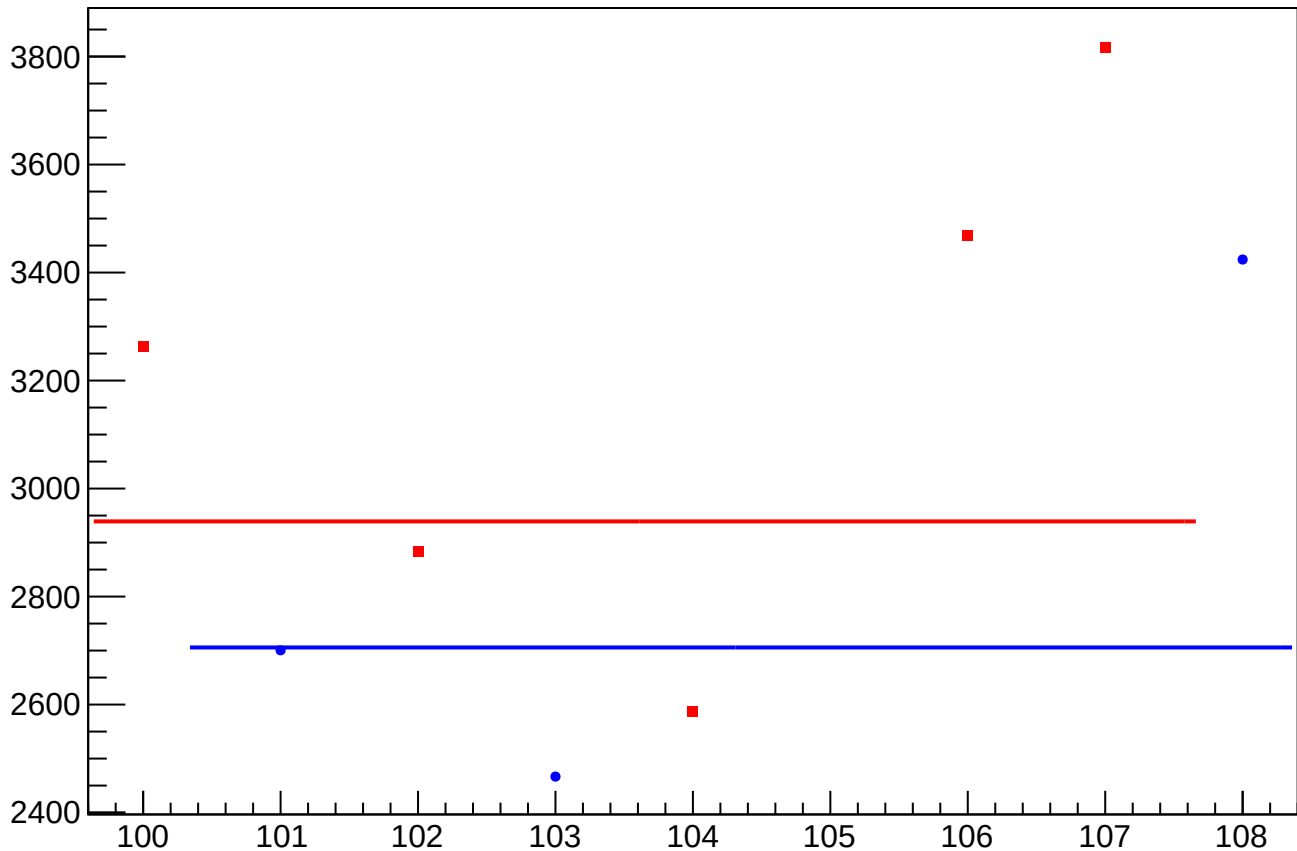
Right: 884.053+/-1535.442 χ^2/NDF : 2.4/7

In: 950.775+/-2117.066 χ^2/NDF : 1.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 884.053+/-1535.442 χ^2/NDF : 2.4/7

eigen_cor_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2705.770+/-1.497 χ^2/NDF : 46134.8/2

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

Right Out: 2939.215+/-1.577 χ^2/NDF : 61535.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

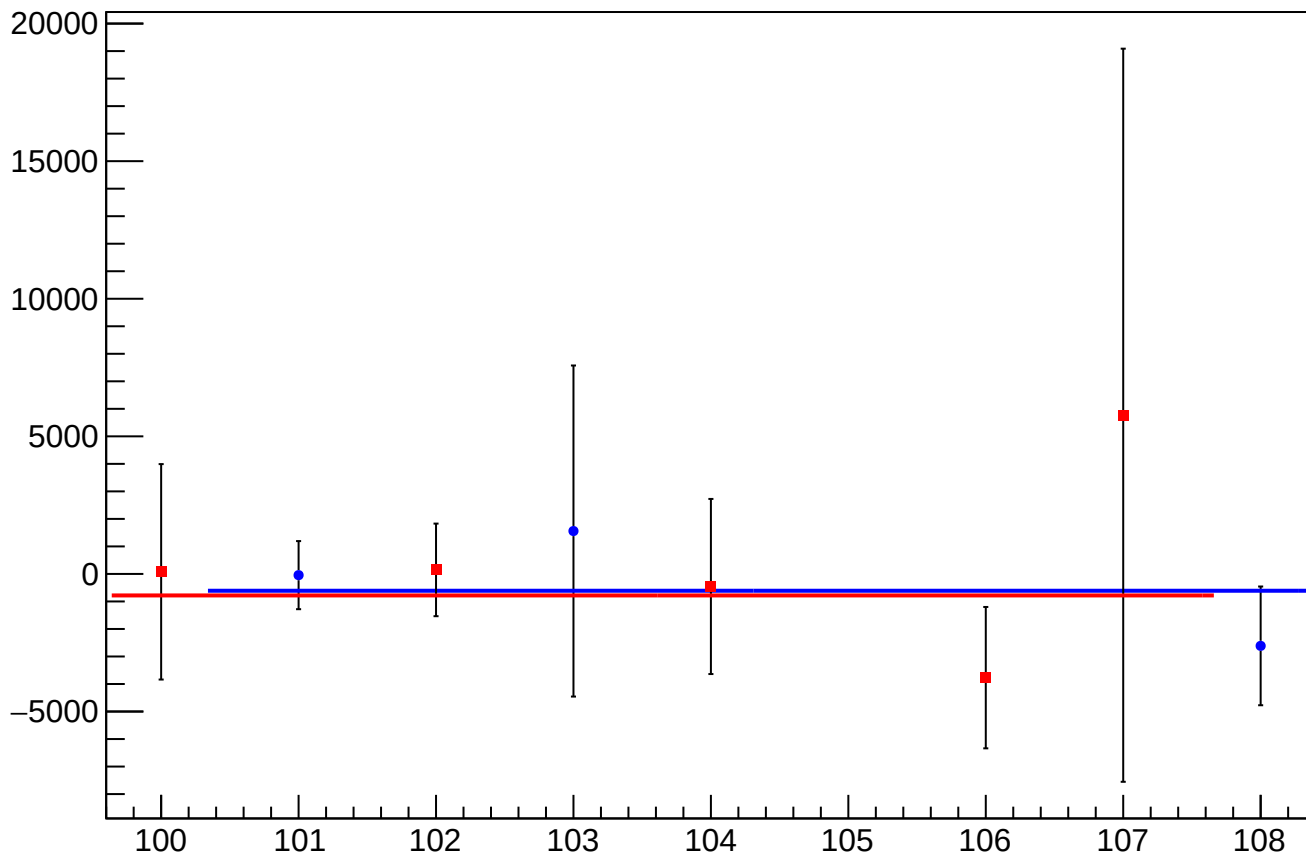
Right: 2816.419+/-1.086 χ^2/NDF : 119196.9/7

In: 2705.770+/-1.497 χ^2/NDF : 46134.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2816.419+/-1.086 χ^2/NDF : 119196.9/7

asym_atl1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -611.000+/-1056.722 χ^2/NDF : 1.2/2

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

Right Out: -781.336+/-1217.558 χ^2/NDF : 2.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

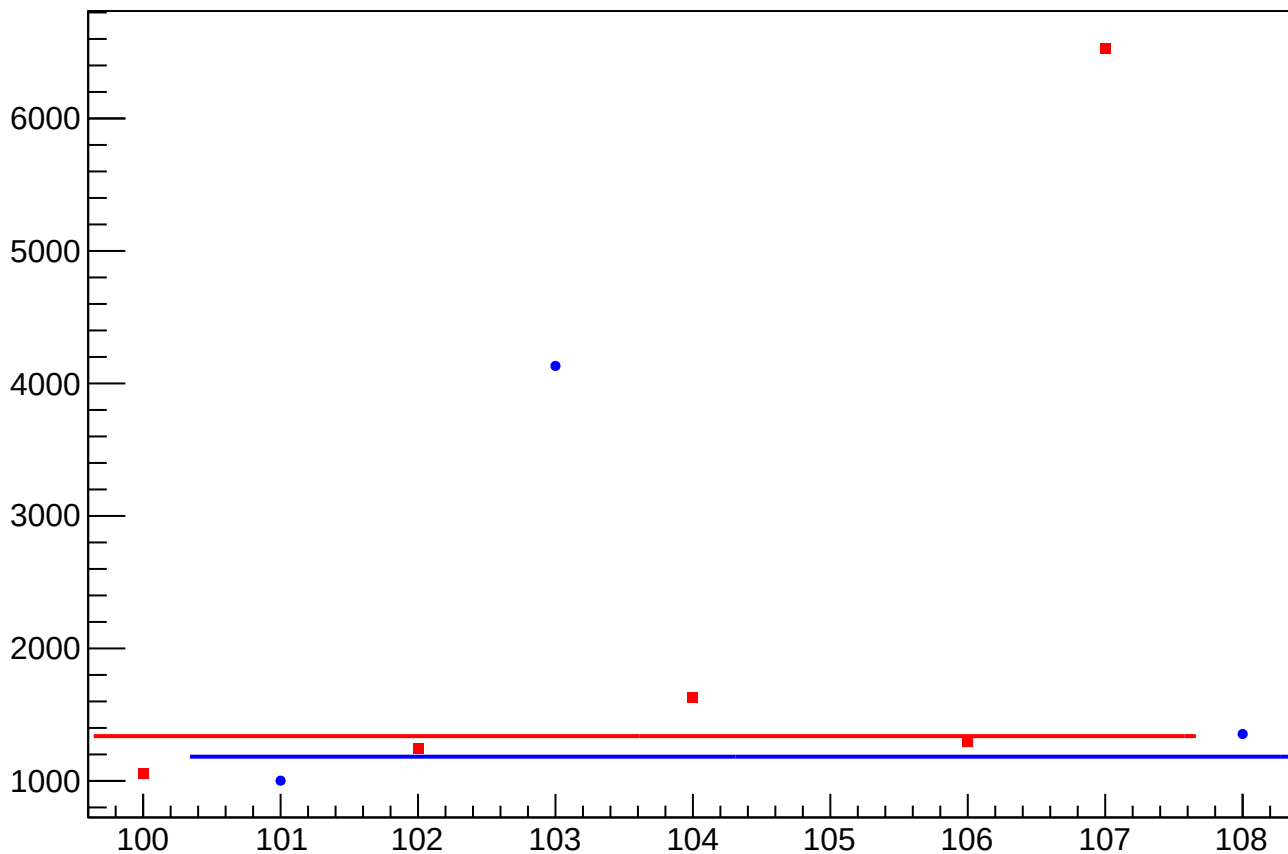
Right: -684.182+/-798.065 χ^2/NDF : 3.2/7

In: -611.000+/-1056.722 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -684.182+/-798.065 χ^2/NDF : 3.2/7

asym_atl1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1183.003 ± 0.747 χ^2/NDF : 536145.5/2

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

Right Out: 1338.221 ± 0.861 χ^2/NDF : 337298.7/4

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

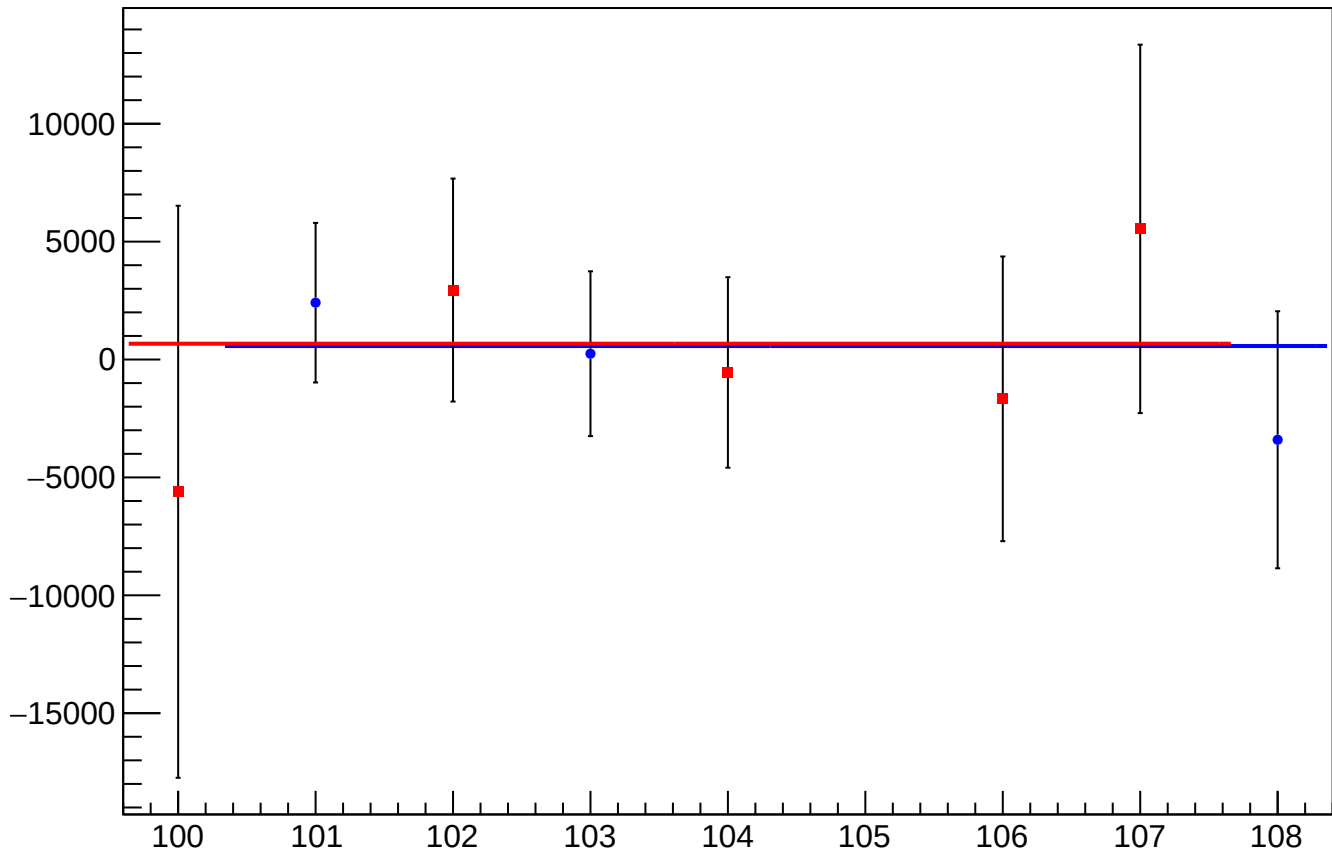
Right: 1249.690 ± 0.564 χ^2/NDF : 891983.3/7

In: 1183.003 ± 0.747 χ^2/NDF : 536145.5/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1249.690 ± 0.564 χ^2/NDF : 891983.3/7

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 572.196+/-2220.512 χ^2/NDF : 0.8/2

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

Right Out: 670.705+/-2527.052 χ^2/NDF : 1.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

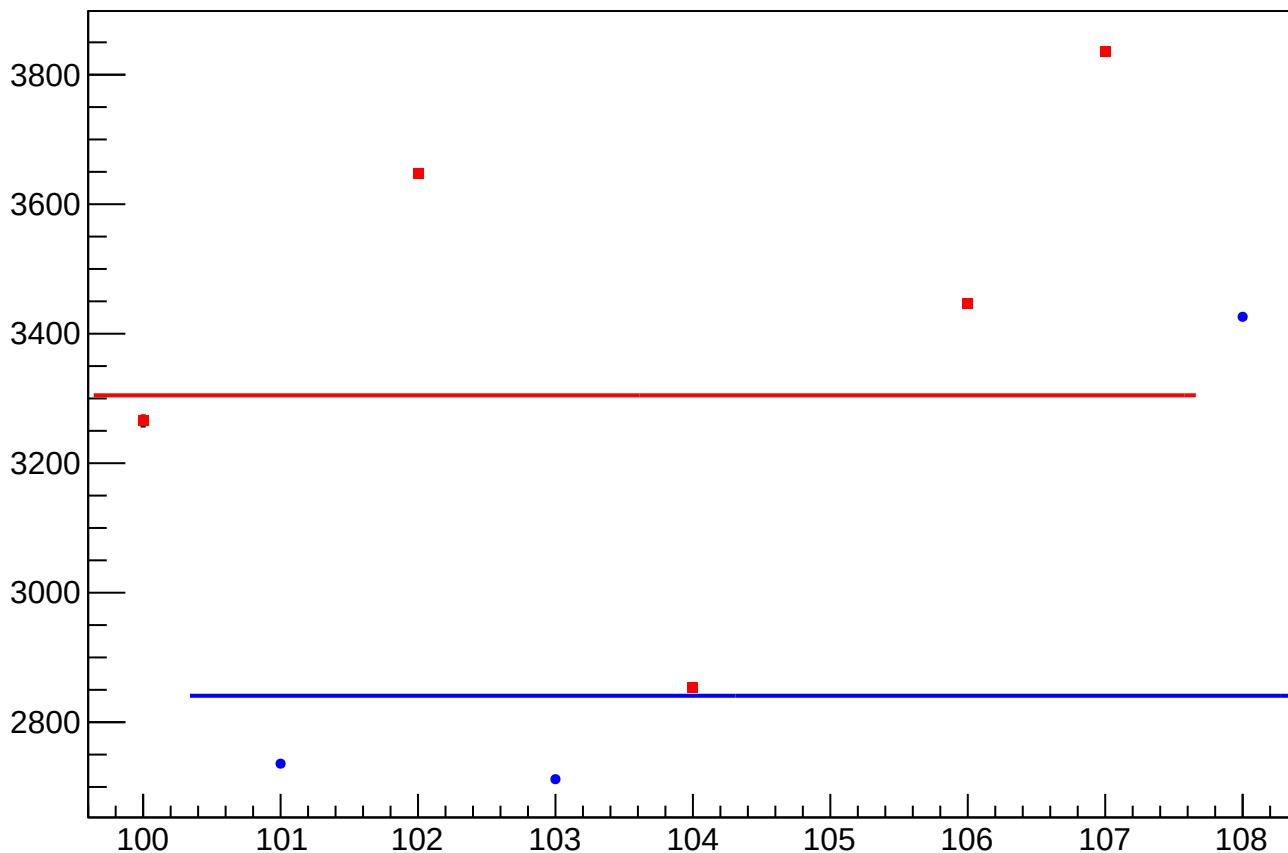
Right: 615.117+/-1668.046 χ^2/NDF : 2.0/7

In: 572.196+/-2220.512 χ^2/NDF : 0.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 615.117+/-1668.046 χ^2/NDF : 2.0/7

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2840.836 $\pm$ 1.570 χ^2 /NDF: 27699.4/2

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

Right Out: 3304.886 $\pm$ 1.787 χ^2 /NDF: 45927.5/4

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

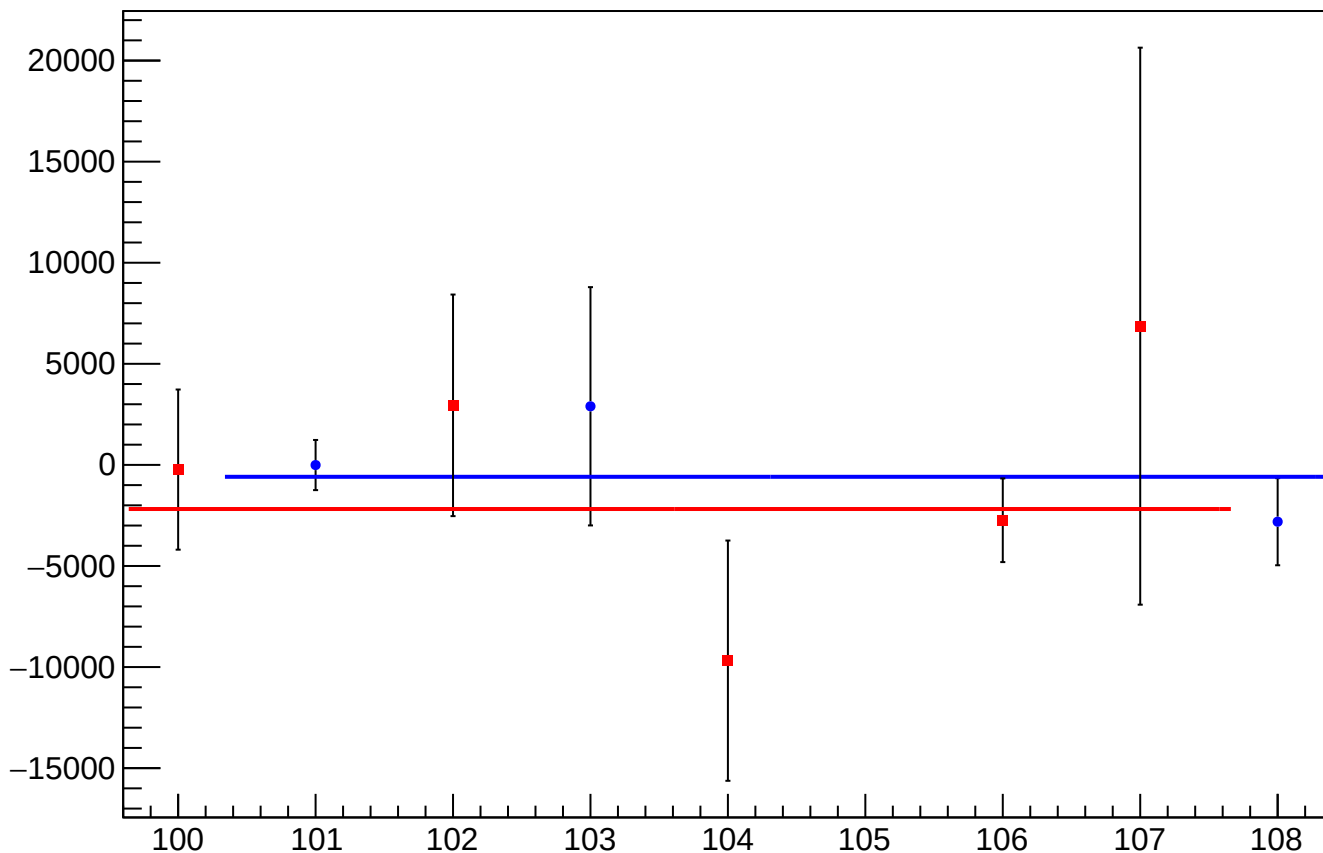
Right: 3043.023 $\pm$ 1.179 χ^2 /NDF: 111684.5/7

In: 2840.836 $\pm$ 1.570 χ^2 /NDF: 27699.4/2

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

All: 3043.023 $\pm$ 1.179 χ^2 /NDF: 111684.5/7

asym_atl1_dit_correction_mean vs Slug, Sign Corrected



Right In: -588.776+/-1057.546 χ^2/NDF : 1.6/2

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

Right Out: -2181.941+/-1656.880 χ^2/NDF : 3.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

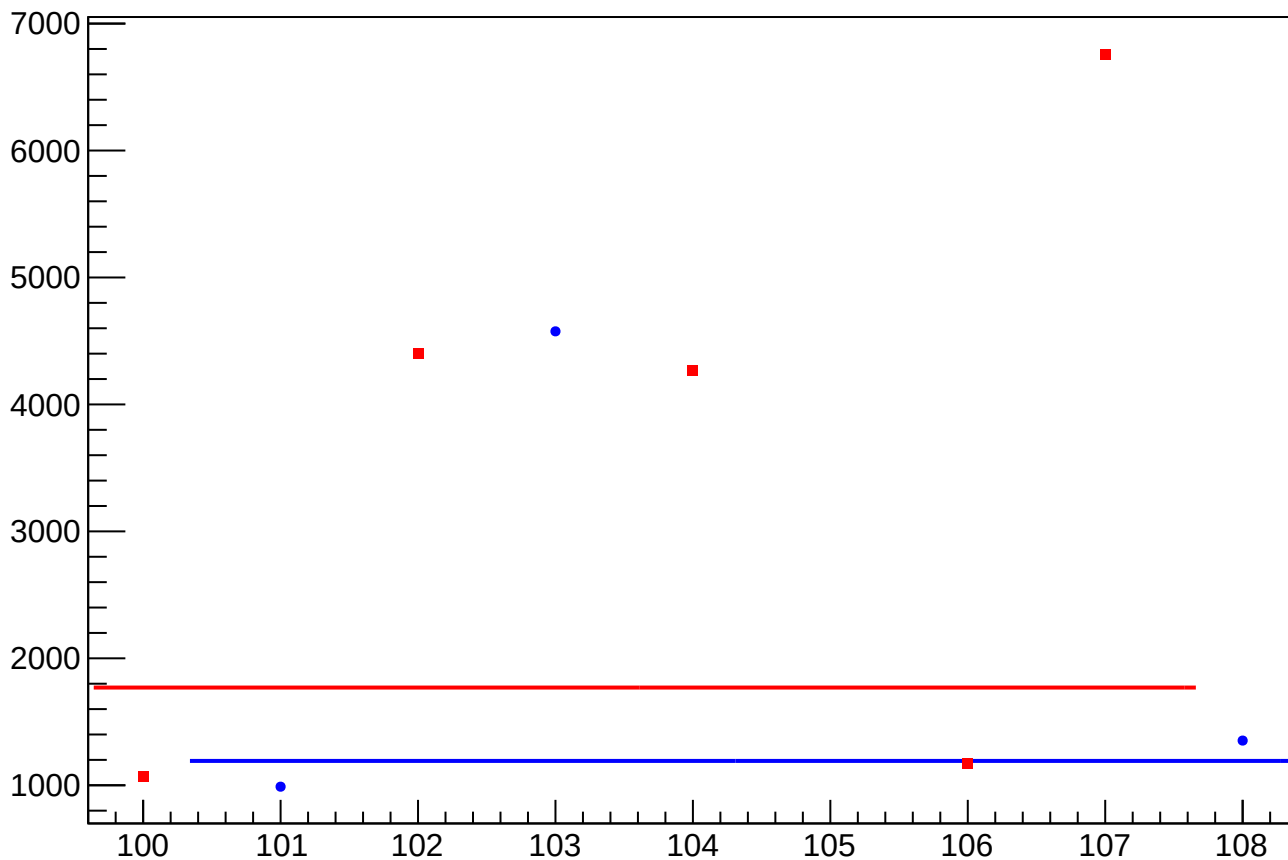
Right: -1049.946+/-891.438 χ^2/NDF : 5.5/7

In: -588.776+/-1057.546 χ^2/NDF : 1.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1049.946+/-891.438 χ^2/NDF : 5.5/7

asym_atl1_dit_correction_rms vs Slug, Sign Corrected



Right In: 1191.850+/-0.748 χ^2/NDF : 723970.2/2

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

Right Out: 1769.754+/-1.172 χ^2/NDF : 1306188.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

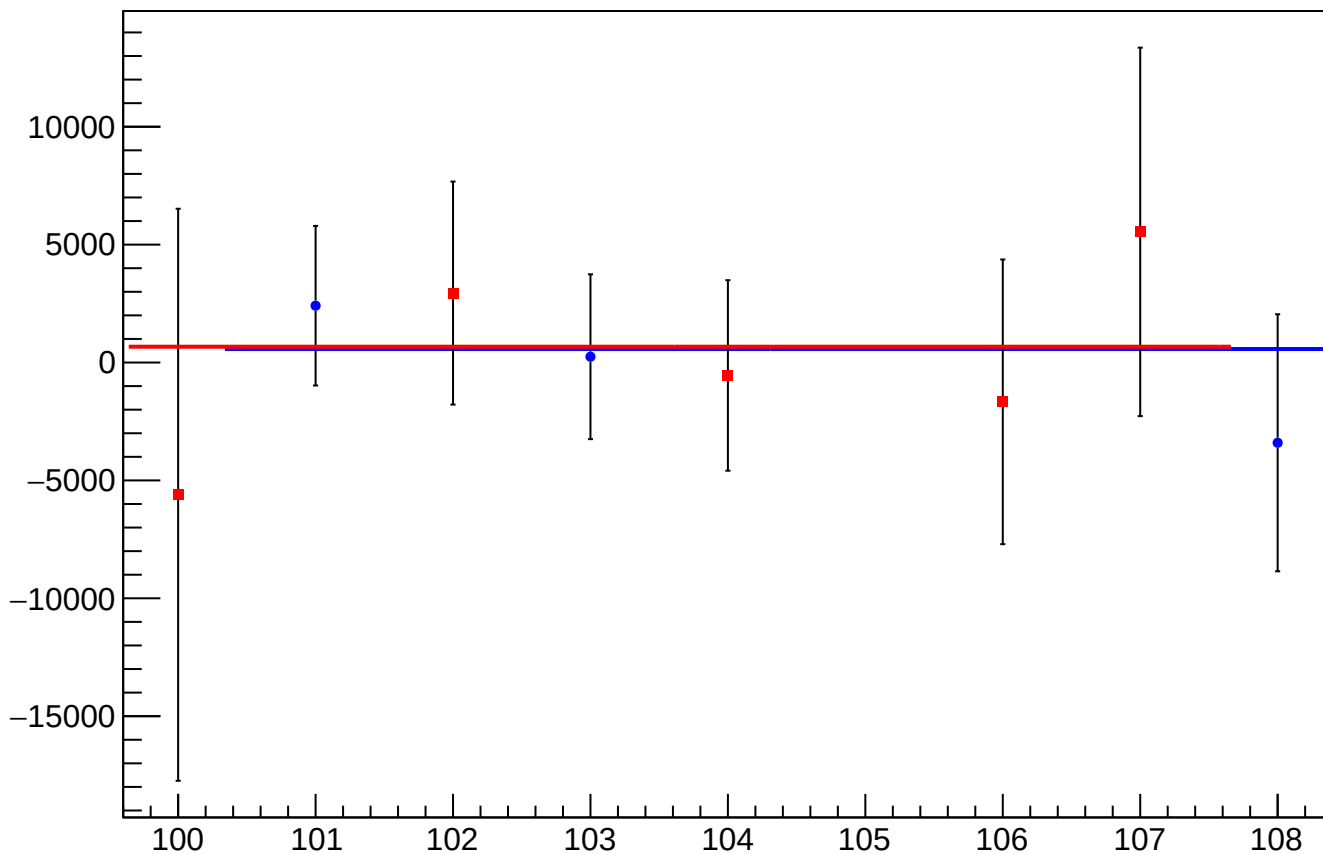
Right: 1359.135+/-0.630 χ^2/NDF : 2203037.3/7

In: 1191.850+/-0.748 χ^2/NDF : 723970.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1359.135+/-0.630 χ^2/NDF : 2203037.3/7

eigen_dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 572.189+/-2220.510 χ^2/NDF : 0.8/2

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

Right Out: 670.695+/-2527.050 χ^2/NDF : 1.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

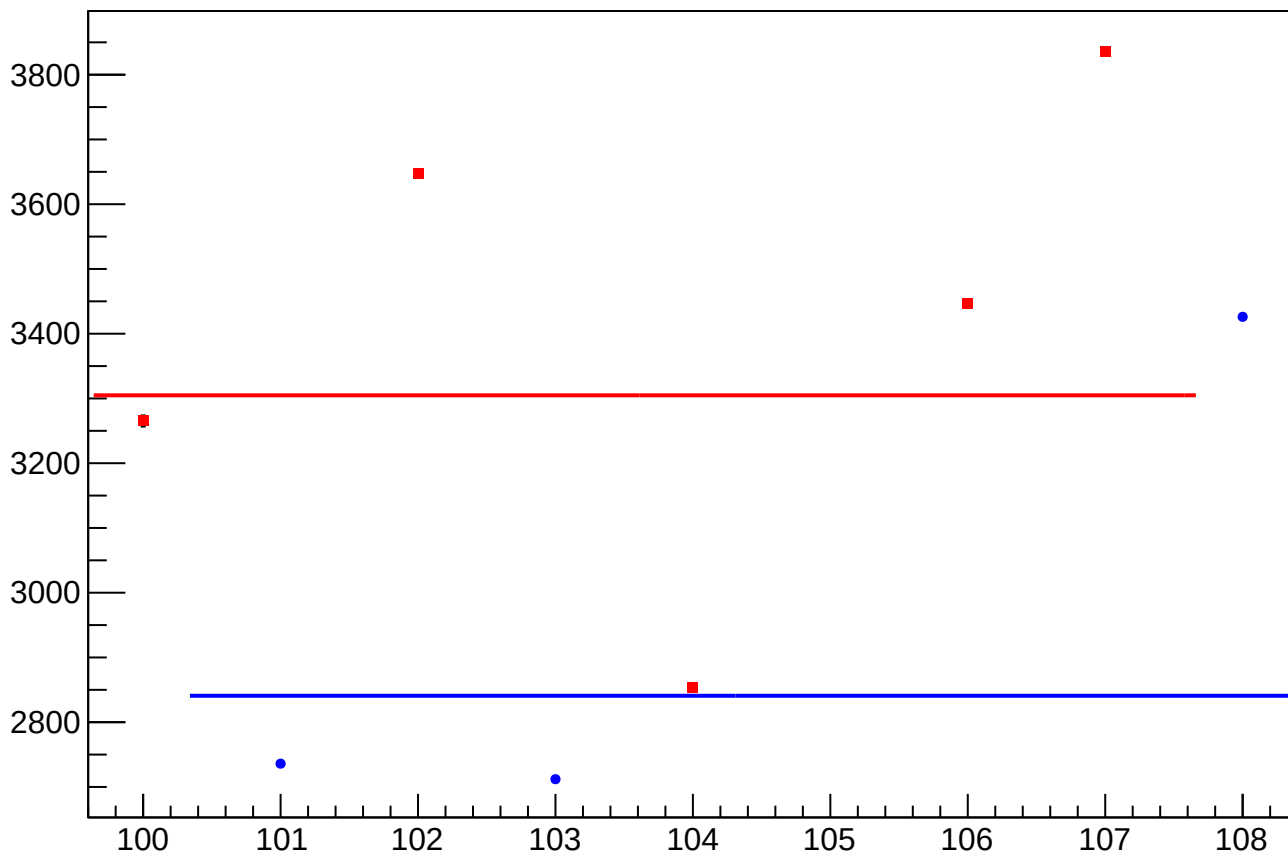
Right: 615.108+/-1668.045 χ^2/NDF : 2.0/7

In: 572.189+/-2220.510 χ^2/NDF : 0.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 615.108+/-1668.045 χ^2/NDF : 2.0/7

eigen_dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2840.834+/-1.570 χ^2/NDF : 27699.7/2

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

Right Out: 3304.883+/-1.787 χ^2/NDF : 45928.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

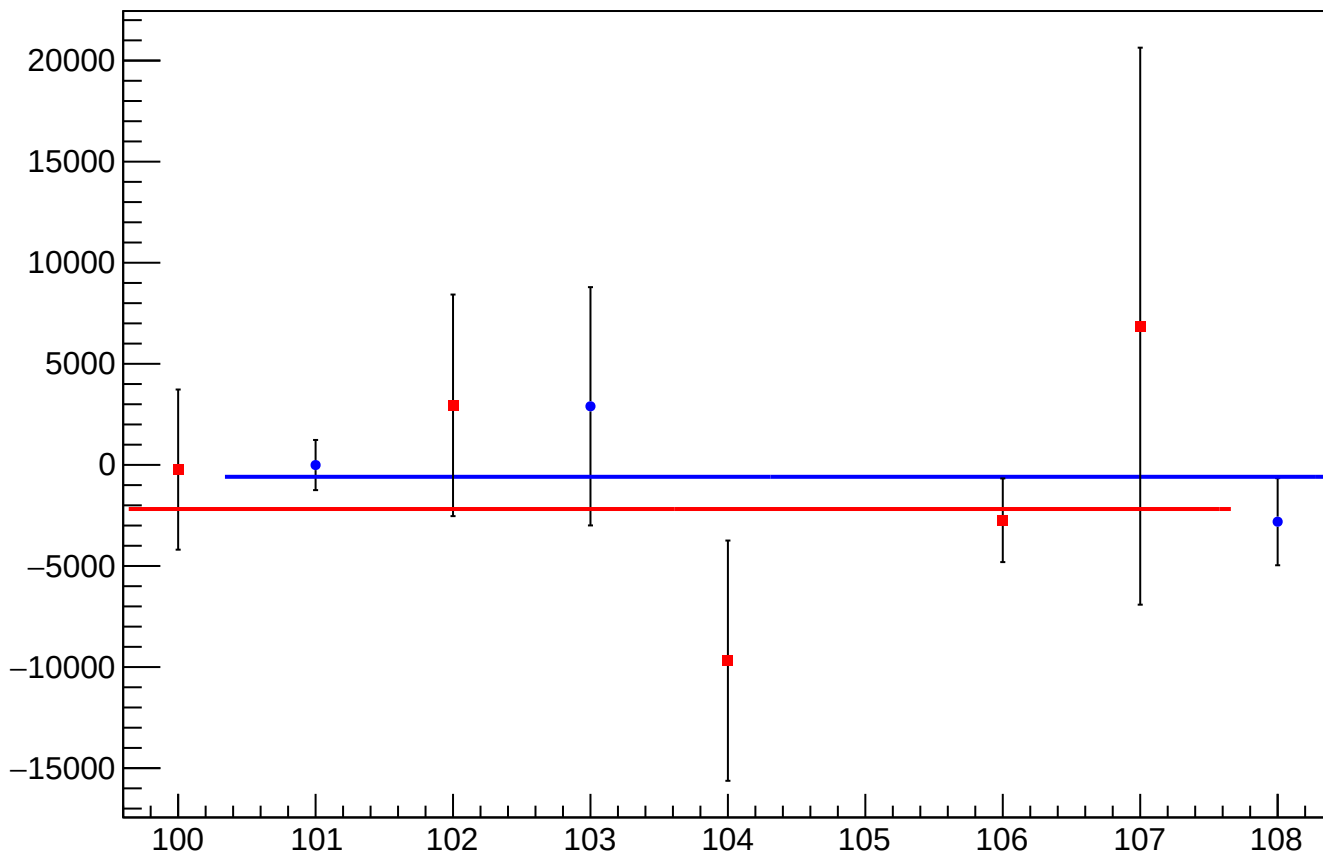
Right: 3043.020+/-1.179 χ^2/NDF : 111685.2/7

In: 2840.834+/-1.570 χ^2/NDF : 27699.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3043.020+/-1.179 χ^2/NDF : 111685.2/7

asym_atl1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -588.784+/-1057.546 χ^2/NDF : 1.6/2

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

Right Out: -2181.936+/-1656.880 χ^2/NDF : 3.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

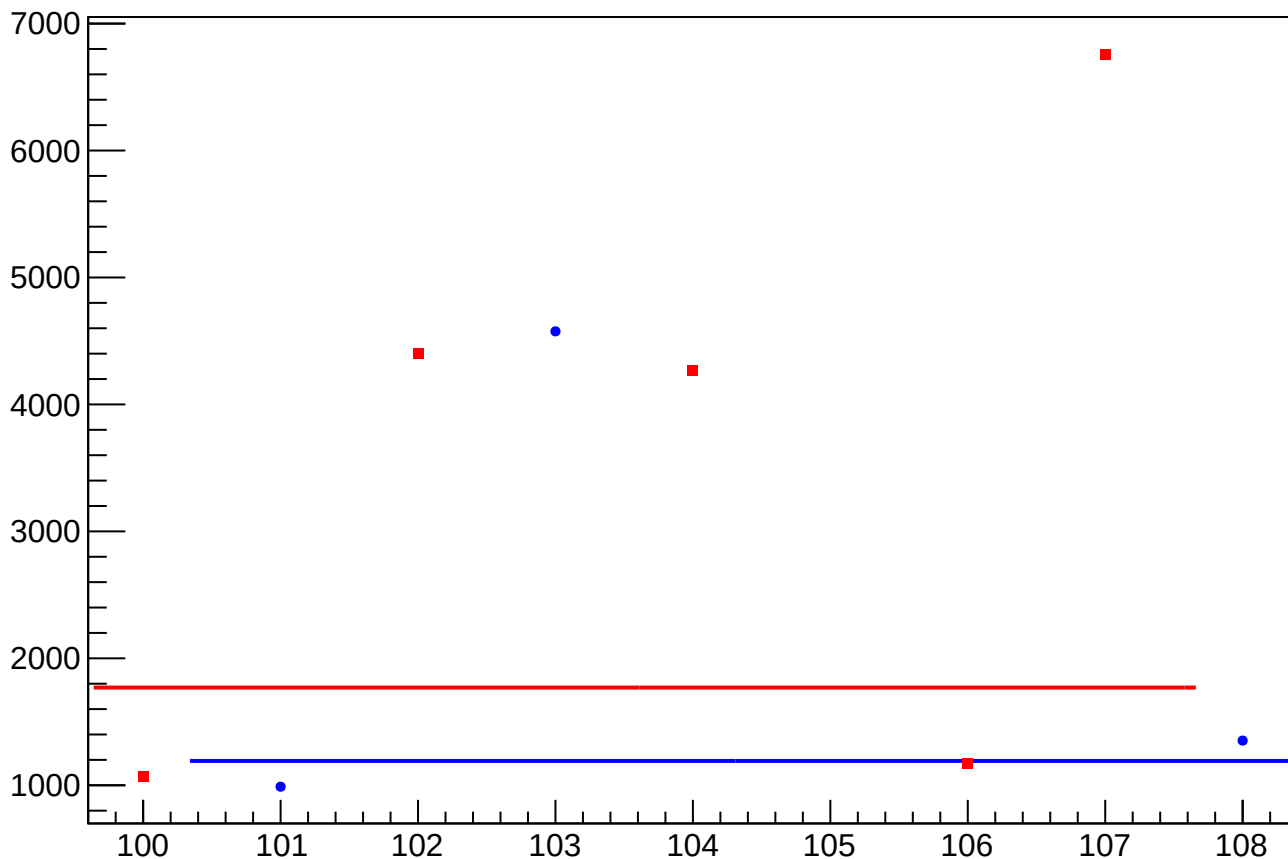
Right: -1049.950+/-891.438 χ^2/NDF : 5.5/7

In: -588.784+/-1057.546 χ^2/NDF : 1.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1049.950+/-891.438 χ^2/NDF : 5.5/7

asym_atl1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1191.850+/-0.748 χ^2/NDF : 723970.3/2

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

Right Out: 1769.752+/-1.172 χ^2/NDF : 1306191.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

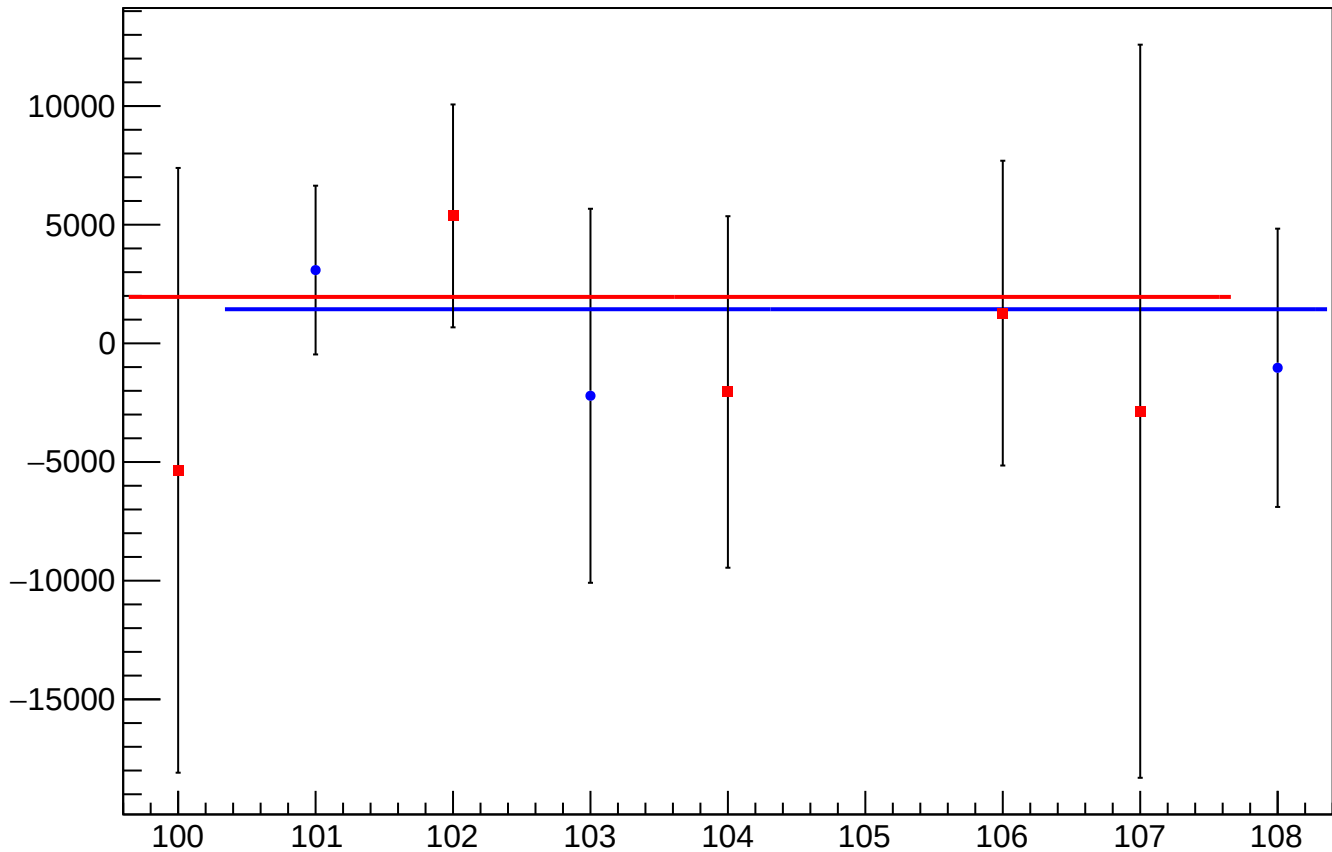
Right: 1359.134+/-0.630 χ^2/NDF : 2203040.5/7

In: 1191.850+/-0.748 χ^2/NDF : 723970.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1359.134+/-0.630 χ^2/NDF : 2203040.5/7

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1438.116+/-2836.559 χ^2/NDF : 0.6/2

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

Right Out: 1957.300+/-3191.463 χ^2/NDF : 1.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

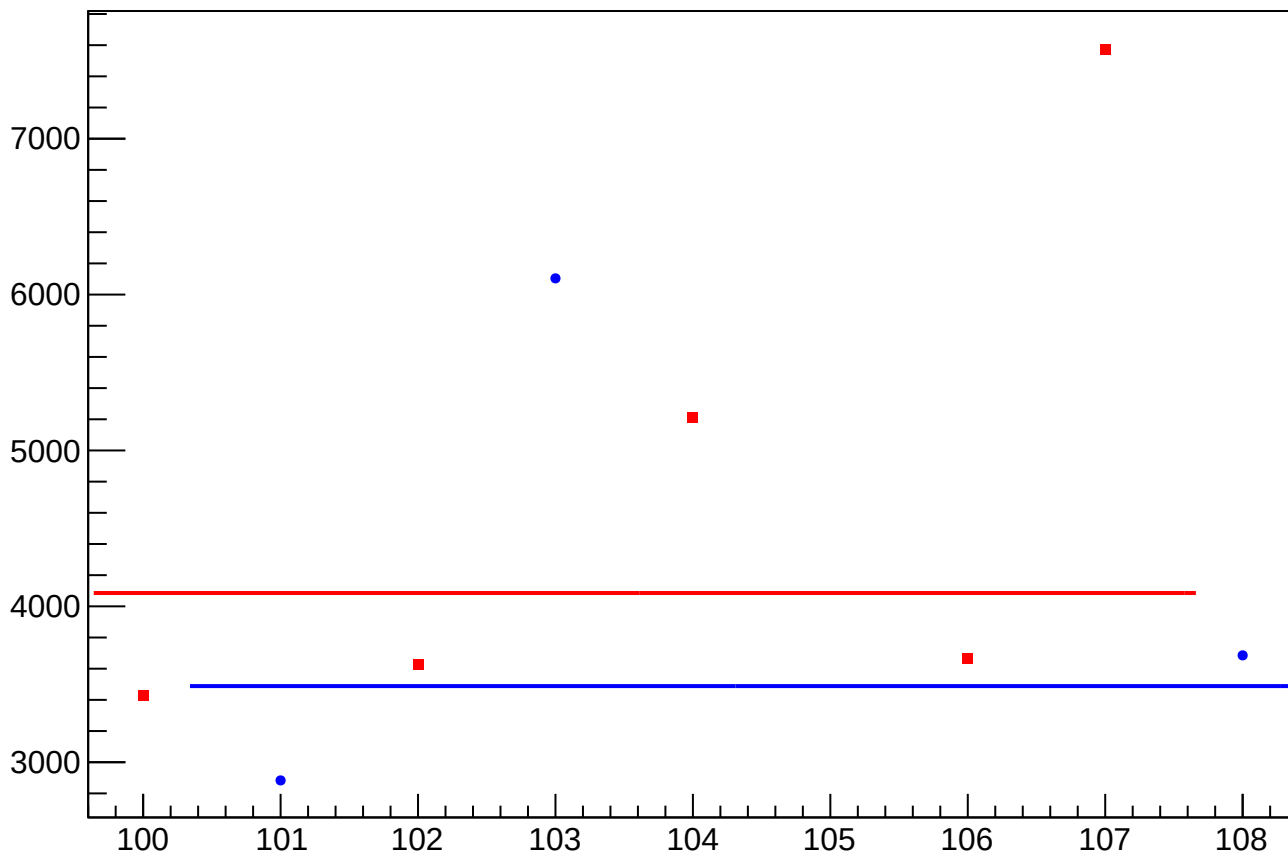
Right: 1667.247+/-2120.168 χ^2/NDF : 1.9/7

In: 1438.116+/-2836.559 χ^2/NDF : 0.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1667.247+/-2120.168 χ^2/NDF : 1.9/7

asym_atl1_rms vs Slug, Sign Corrected



Right In: 3488.360+/-2.006 χ^2/NDF : 280510.5/2

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

Right Out: 4085.468+/-2.257 χ^2/NDF : 181295.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

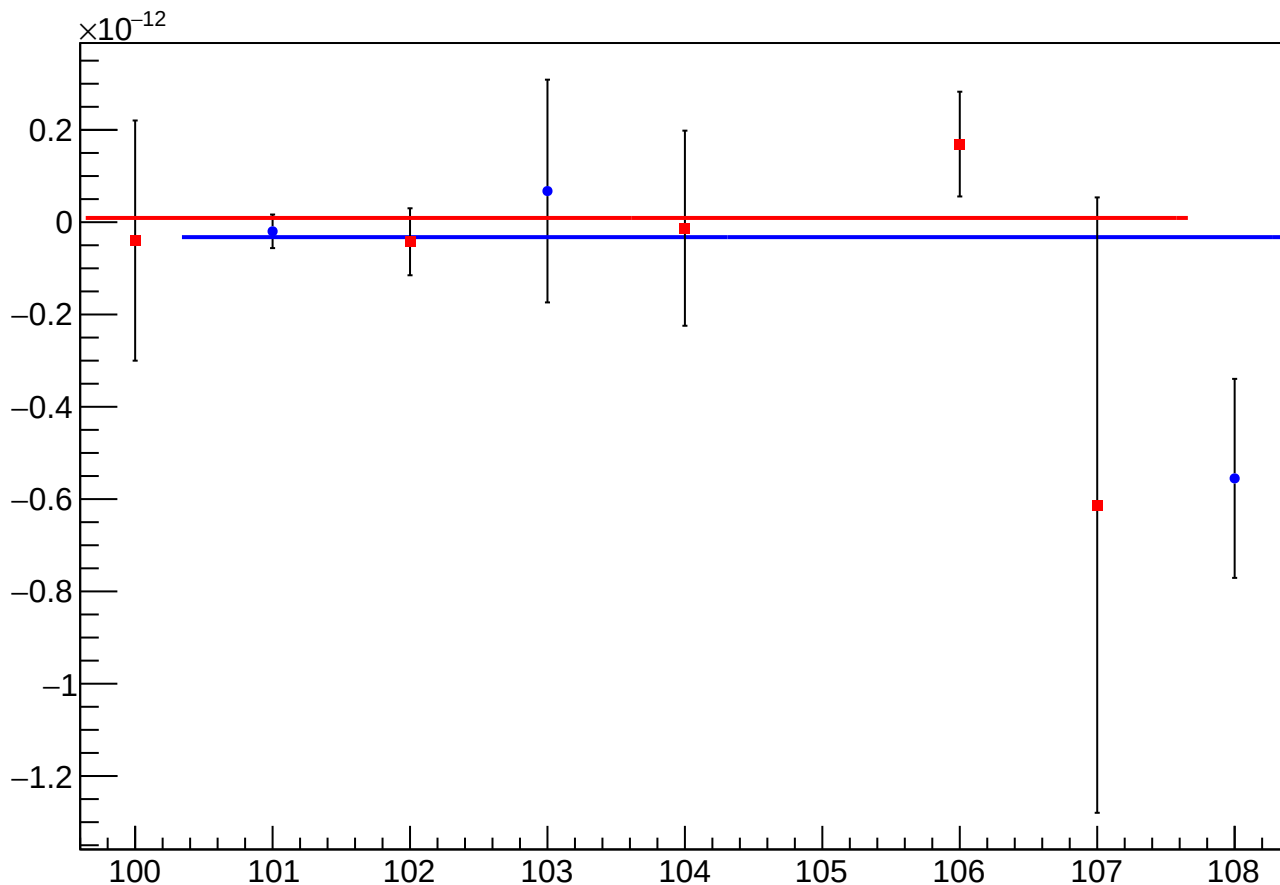
Right: 3751.880+/-1.499 χ^2/NDF : 500918.1/7

In: 3488.360+/-2.006 χ^2/NDF : 280510.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3751.880+/-1.499 χ^2/NDF : 500918.1/7

asym_atl1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.2/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 3.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

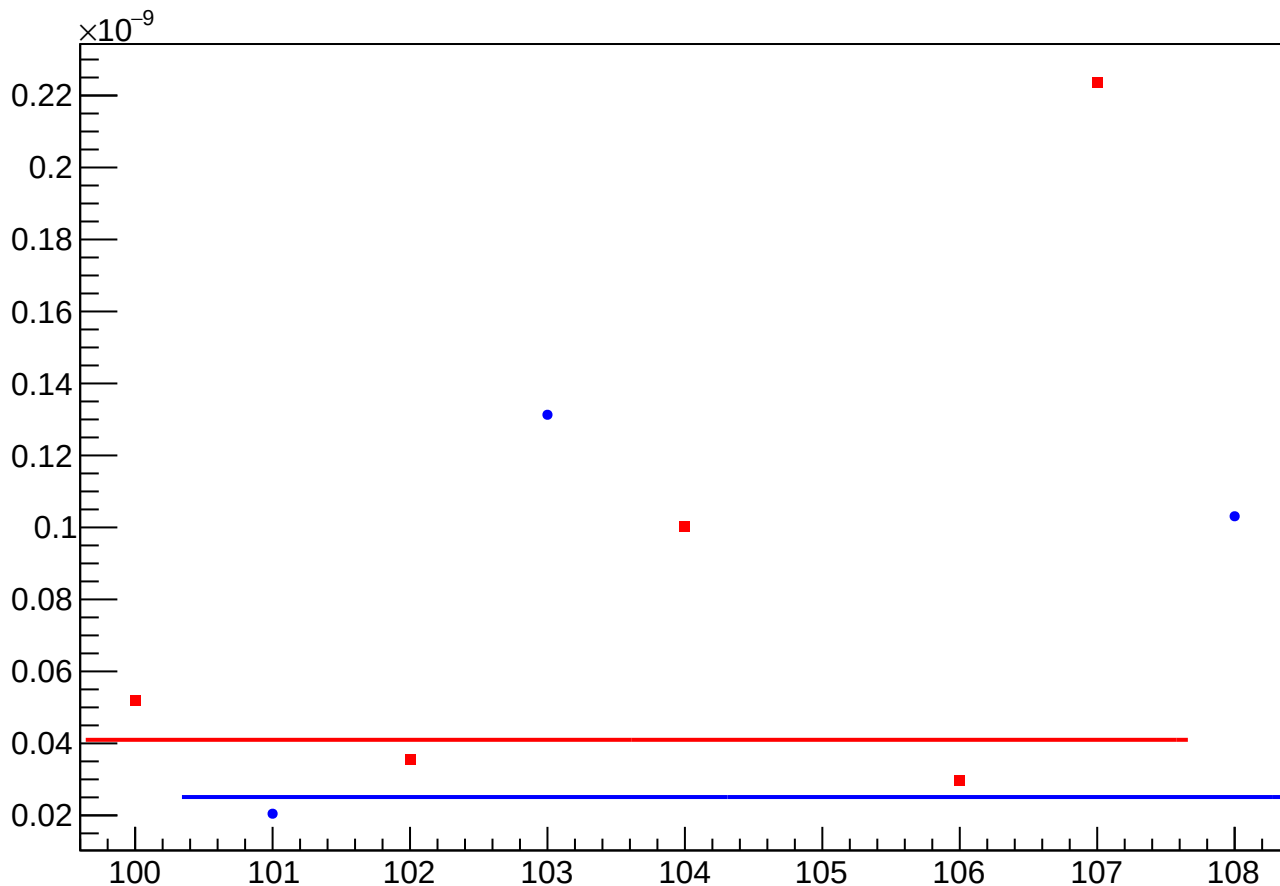
Right: -0.000+/-0.000 χ^2/NDF : 10.0/7

In: -0.000+/-0.000 χ^2/NDF : 6.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.0/7

asym_atl1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 681648.7/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 340920.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

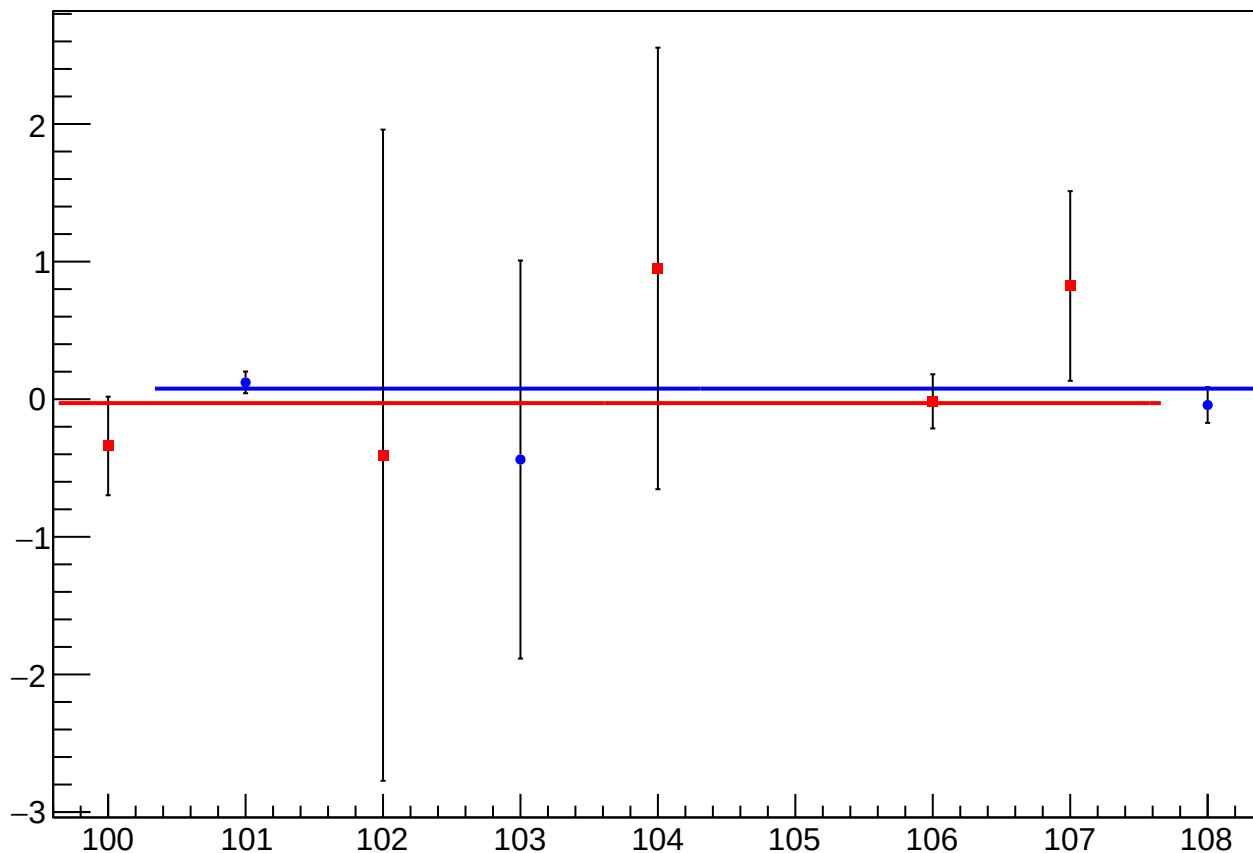
Right: 0.000+/-0.000 χ^2/NDF : 1134483.7/7

In: 0.000+/-0.000 χ^2/NDF : 681648.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1134483.7/7

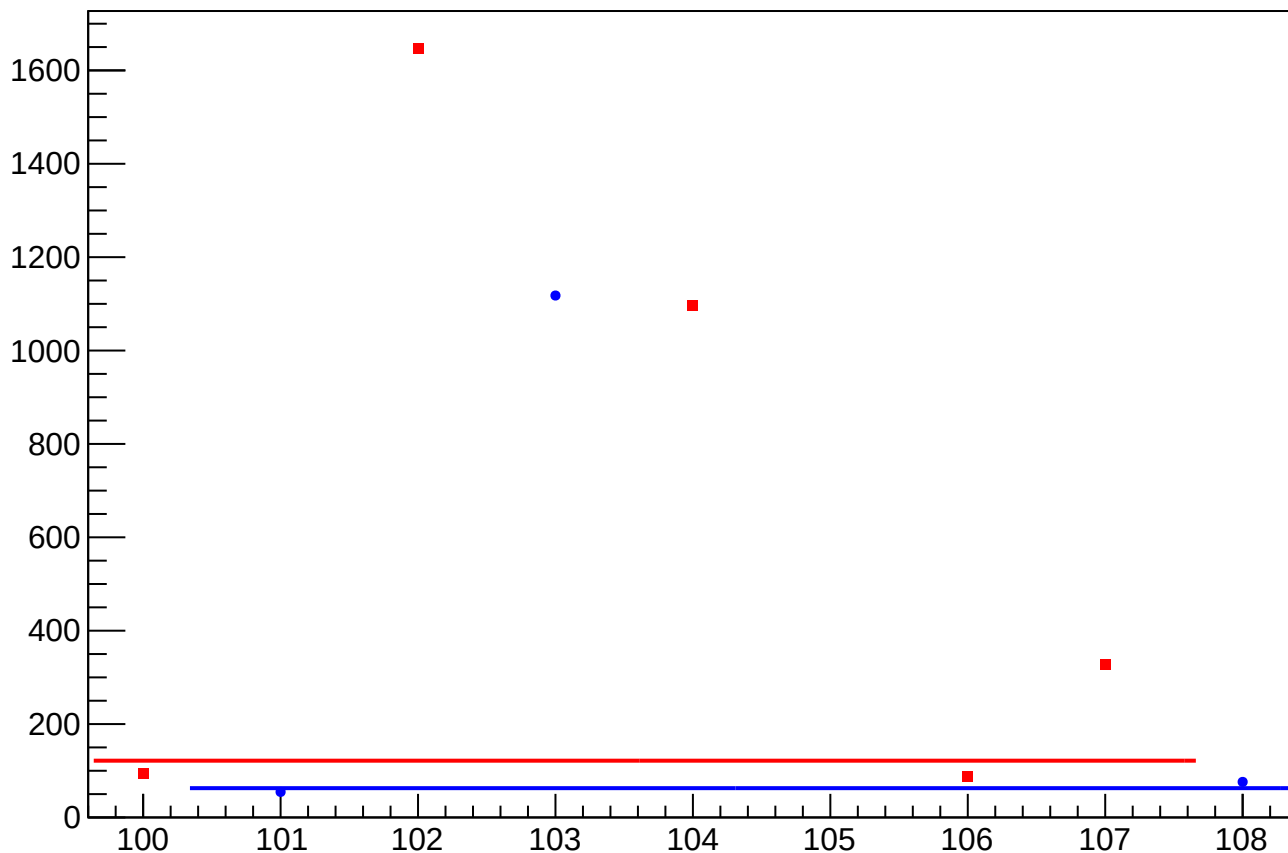
asym_atl1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.077+/-0.067 χ^2/NDF : 1.3/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.028+/-0.166 χ^2/NDF : 2.7/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.062+/-0.062 χ^2/NDF : 4.3/7
 In: 0.077+/-0.067 χ^2/NDF : 1.3/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.062+/-0.062 χ^2/NDF : 4.3/7

asym_atl1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 62.751+/-0.048 χ^2/NDF : 1106503.0/2

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

Right Out: 121.596+/-0.117 χ^2/NDF : 1816932.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

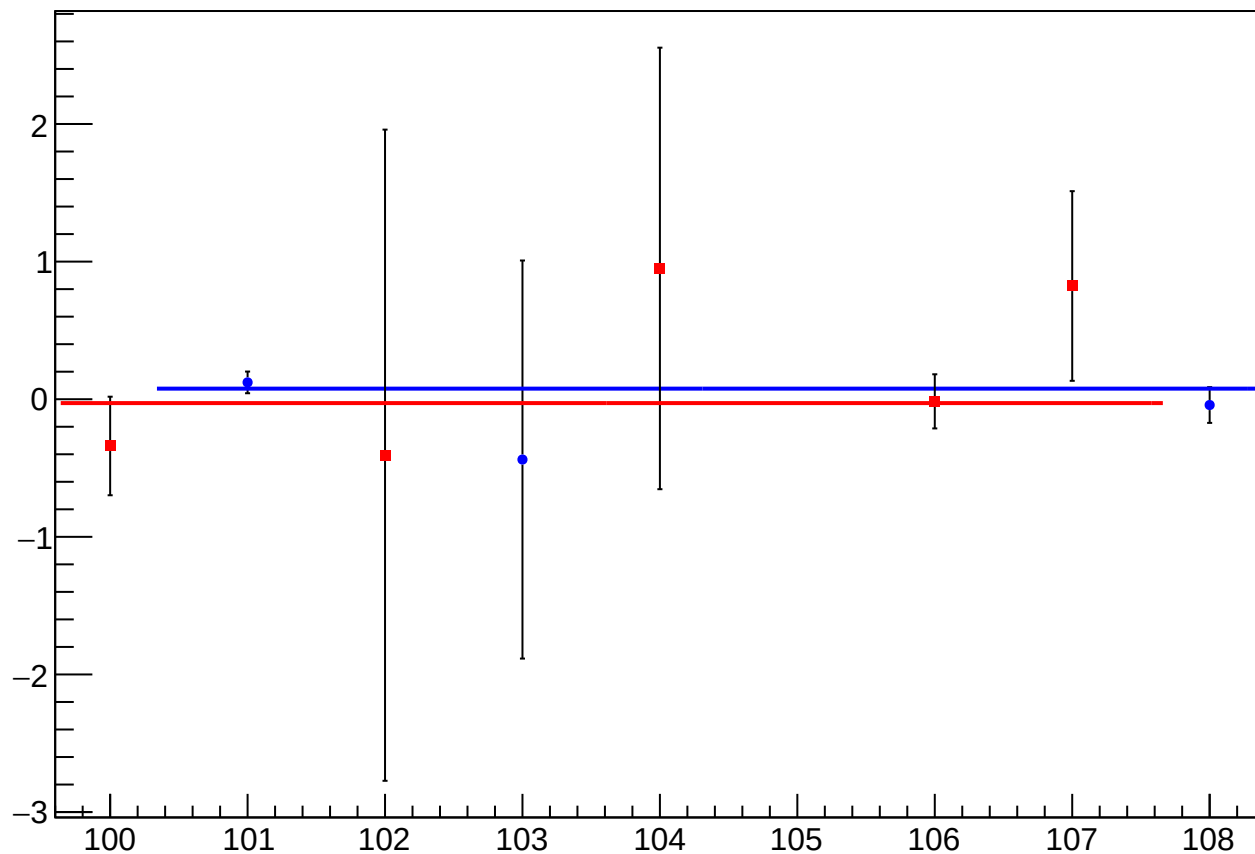
Right: 71.060+/-0.044 χ^2/NDF : 3139424.4/7

In: 62.751+/-0.048 χ^2/NDF : 1106503.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.060+/-0.044 χ^2/NDF : 3139424.4/7

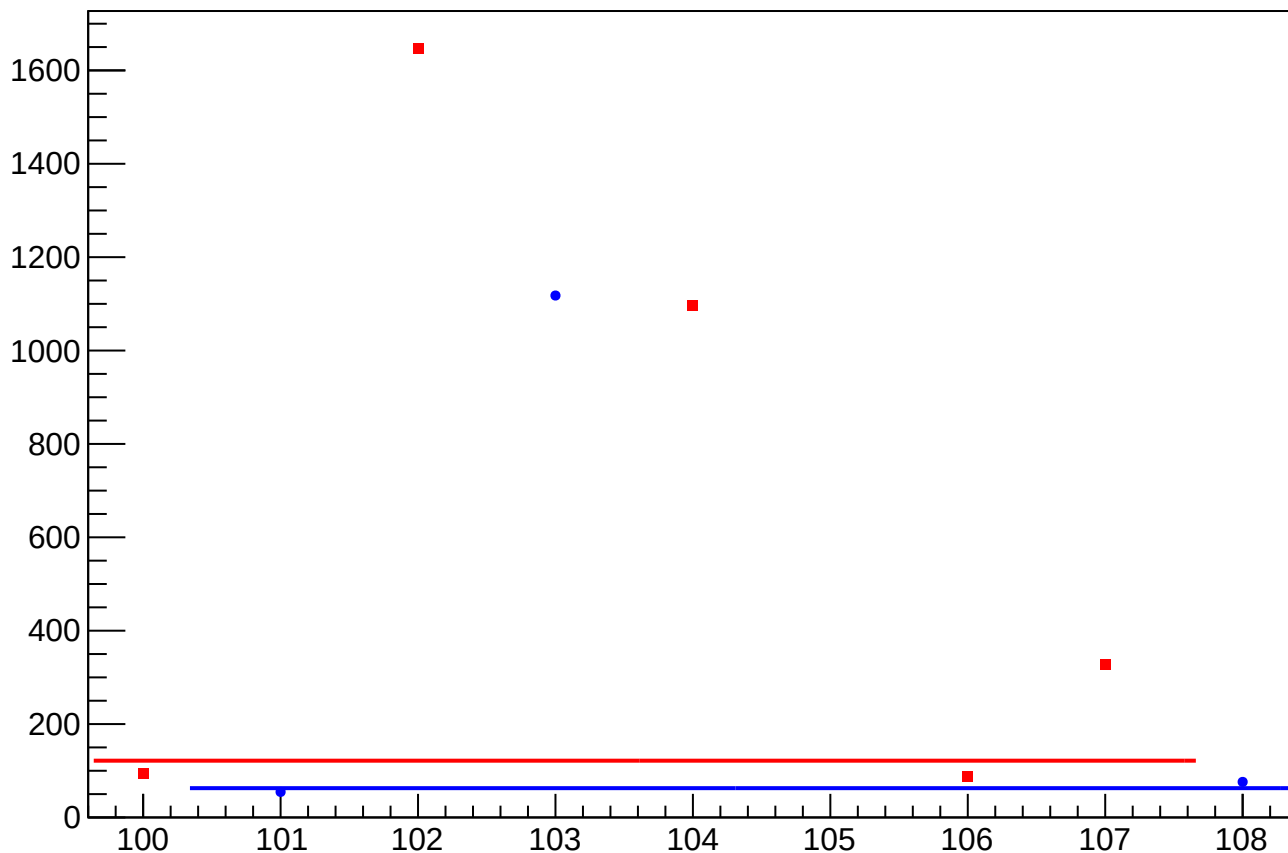
asym_atl1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.077+/-0.067 χ^2/NDF : 1.3/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.028+/-0.166 χ^2/NDF : 2.7/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.062+/-0.062 χ^2/NDF : 4.3/7
 In: 0.077+/-0.067 χ^2/NDF : 1.3/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.062+/-0.062 χ^2/NDF : 4.3/7

asym_atl1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 62.751+/-0.048 χ^2/NDF : 1106503.0/2

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

Right Out: 121.596+/-0.117 χ^2/NDF : 1816932.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

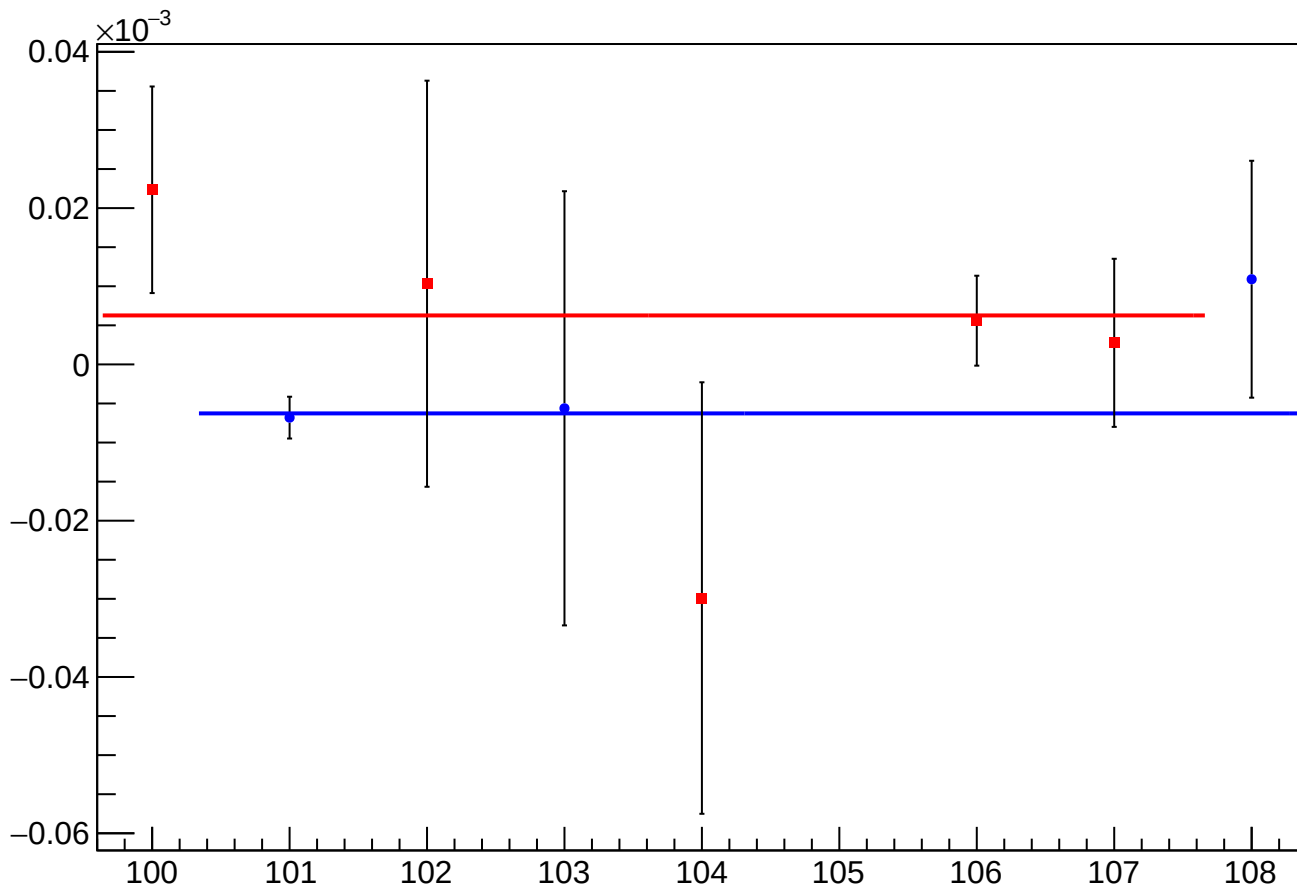
Right: 71.060+/-0.044 χ^2/NDF : 3139424.4/7

In: 62.751+/-0.048 χ^2/NDF : 1106503.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.060+/-0.044 χ^2/NDF : 3139424.4/7

asym_atl1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 1.3/2

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.3/4

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

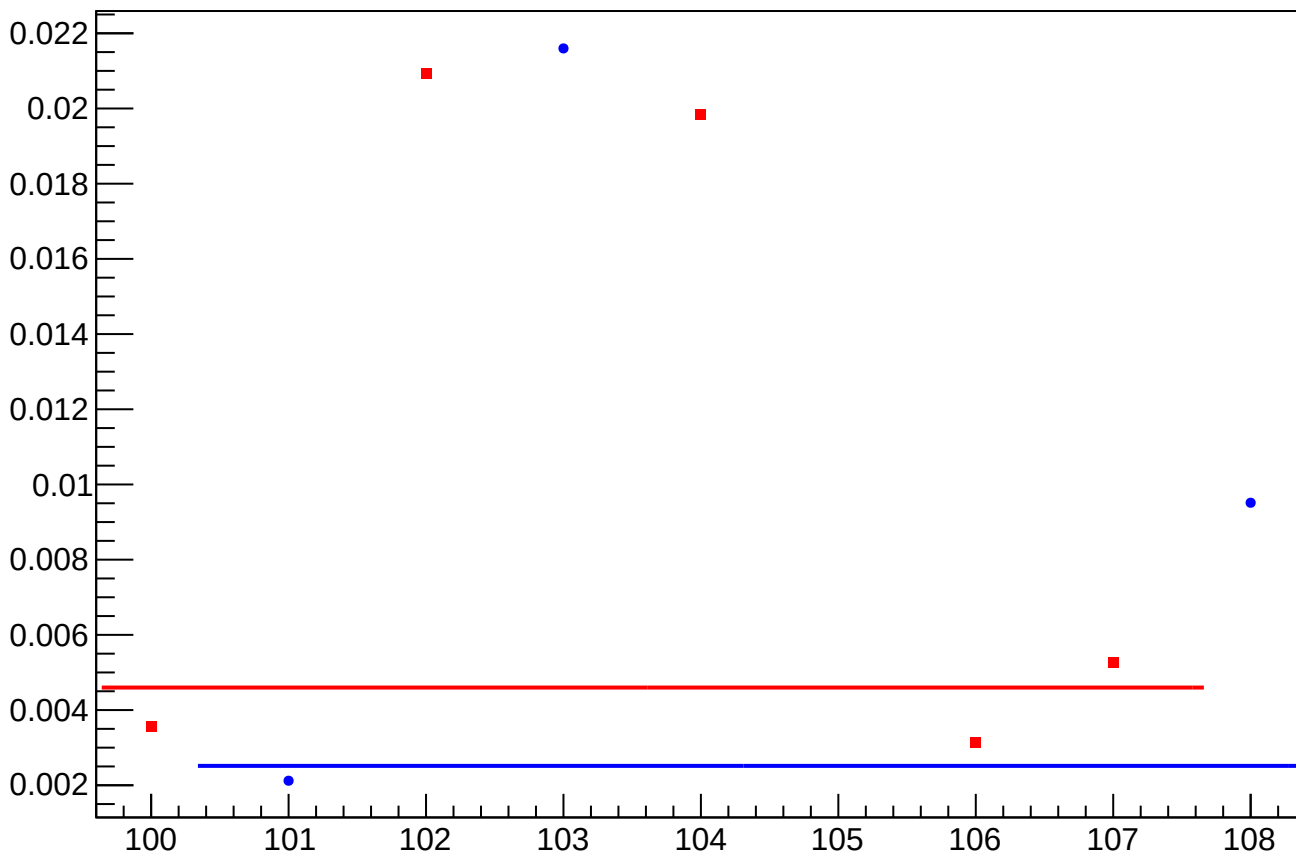
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.3/7

In: -0.000 $\pm$ 0.000 χ^2 /NDF: 1.3/2

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.3/7

asym_atl1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1413664.7/2

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

Right Out: 0.005+/-0.000 χ^2/NDF : 1546972.6/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

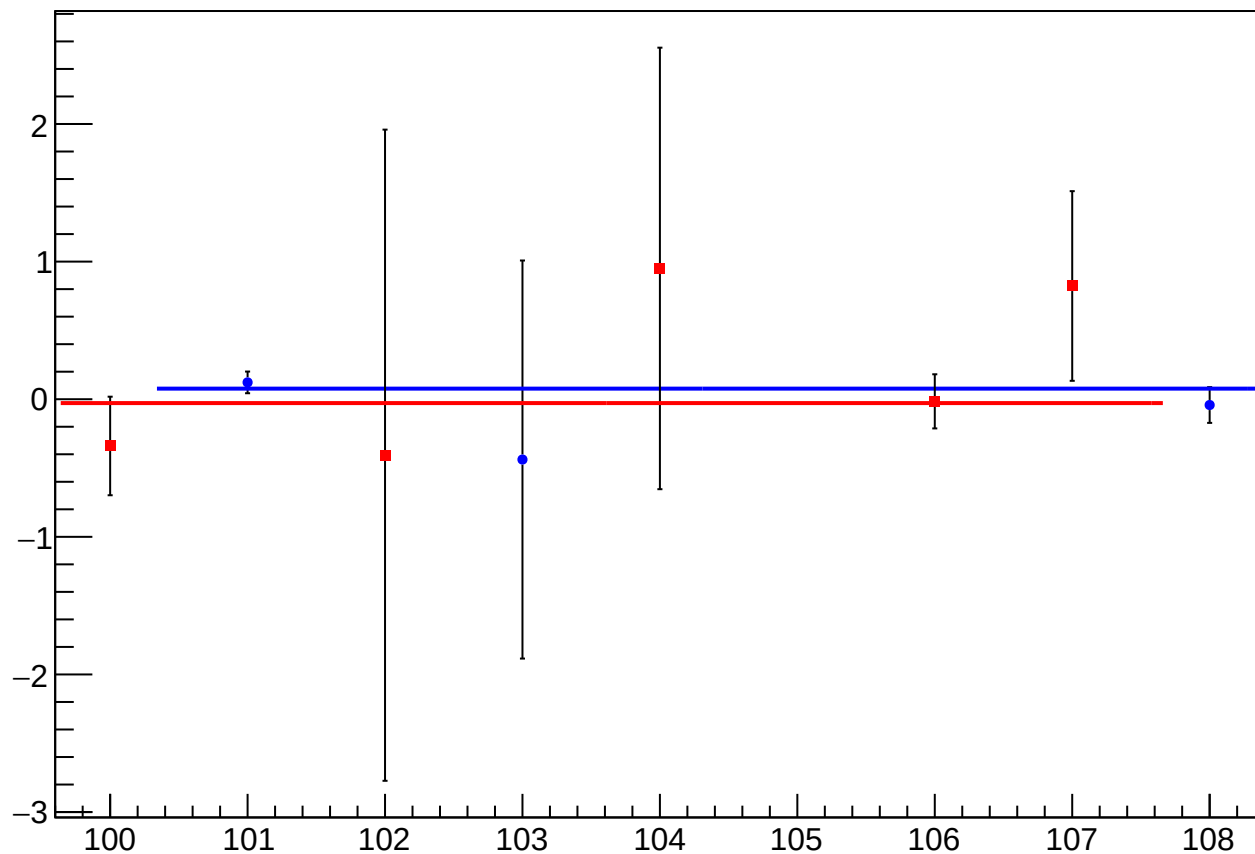
Right: 0.003+/-0.000 χ^2/NDF : 3270732.3/7

In: 0.003+/-0.000 χ^2/NDF :1413664.7/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3270732.3/7

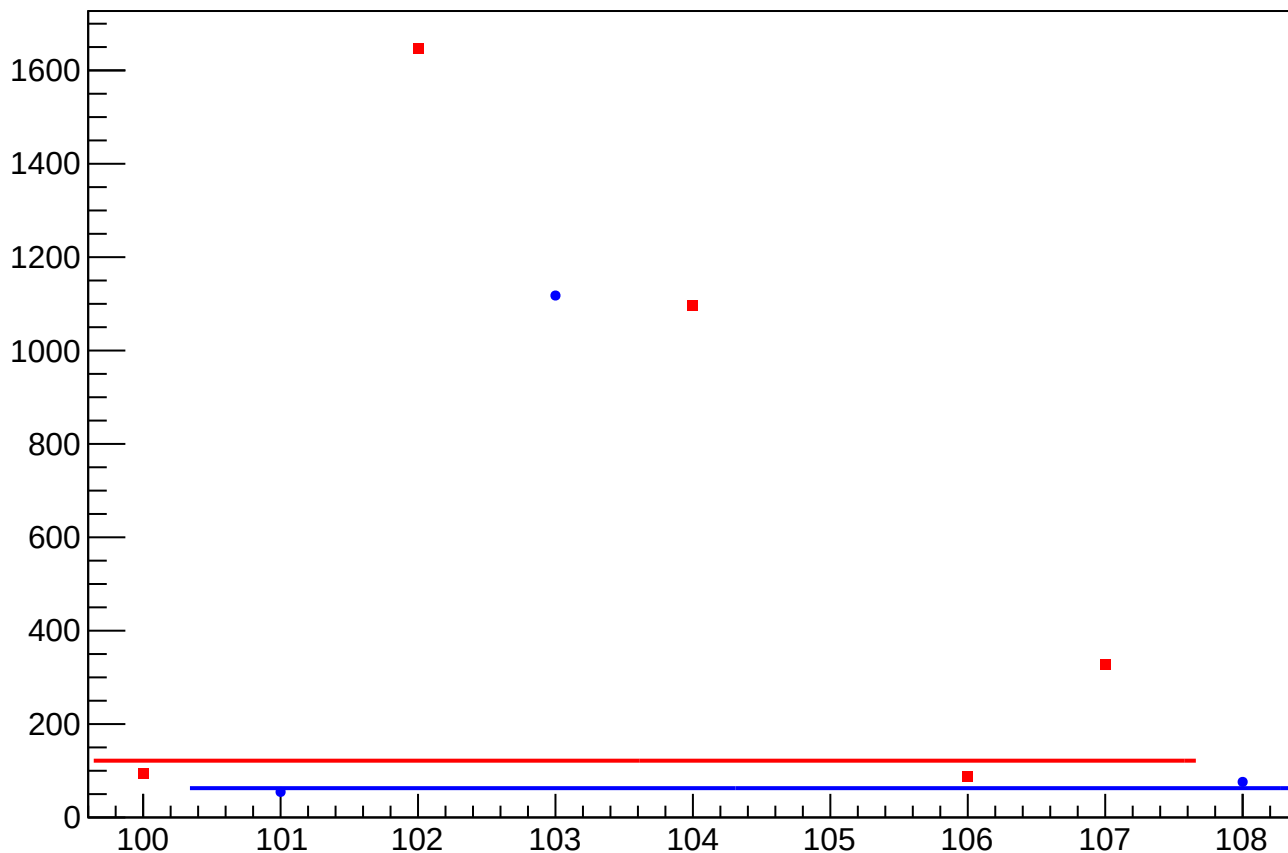
asym_atl1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.077+/-0.067 χ^2/NDF : 1.3/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.028+/-0.166 χ^2/NDF : 2.7/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.062+/-0.062 χ^2/NDF : 4.3/7
 In: 0.077+/-0.067 χ^2/NDF : 1.3/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.062+/-0.062 χ^2/NDF : 4.3/7

asym_atl1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 62.751+/-0.048 χ^2/NDF : 1106521.0/2

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

Right Out: 121.593+/-0.117 χ^2/NDF : 1816931.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

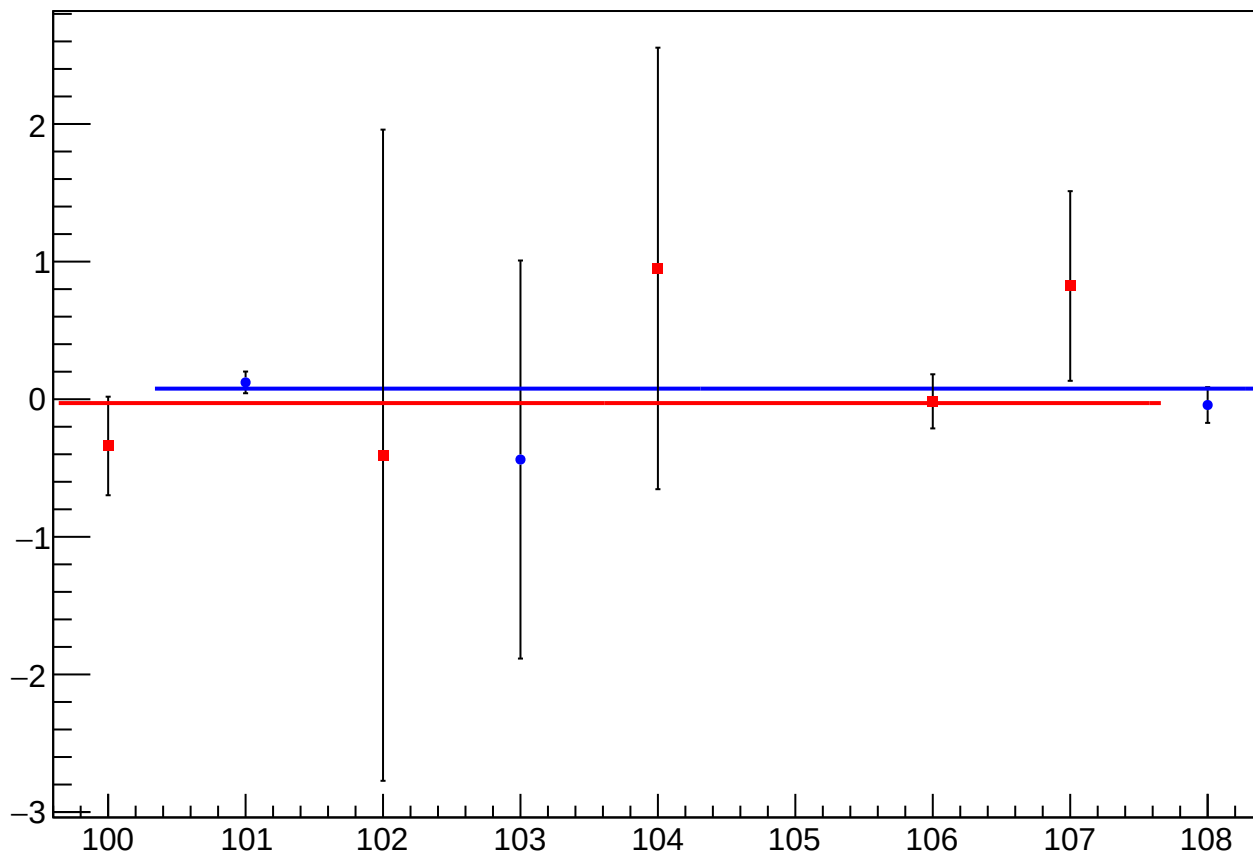
Right: 71.060+/-0.044 χ^2/NDF : 3139425.3/7

In: 62.751+/-0.048 χ^2/NDF : 1106521.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.060+/-0.044 χ^2/NDF : 3139425.3/7

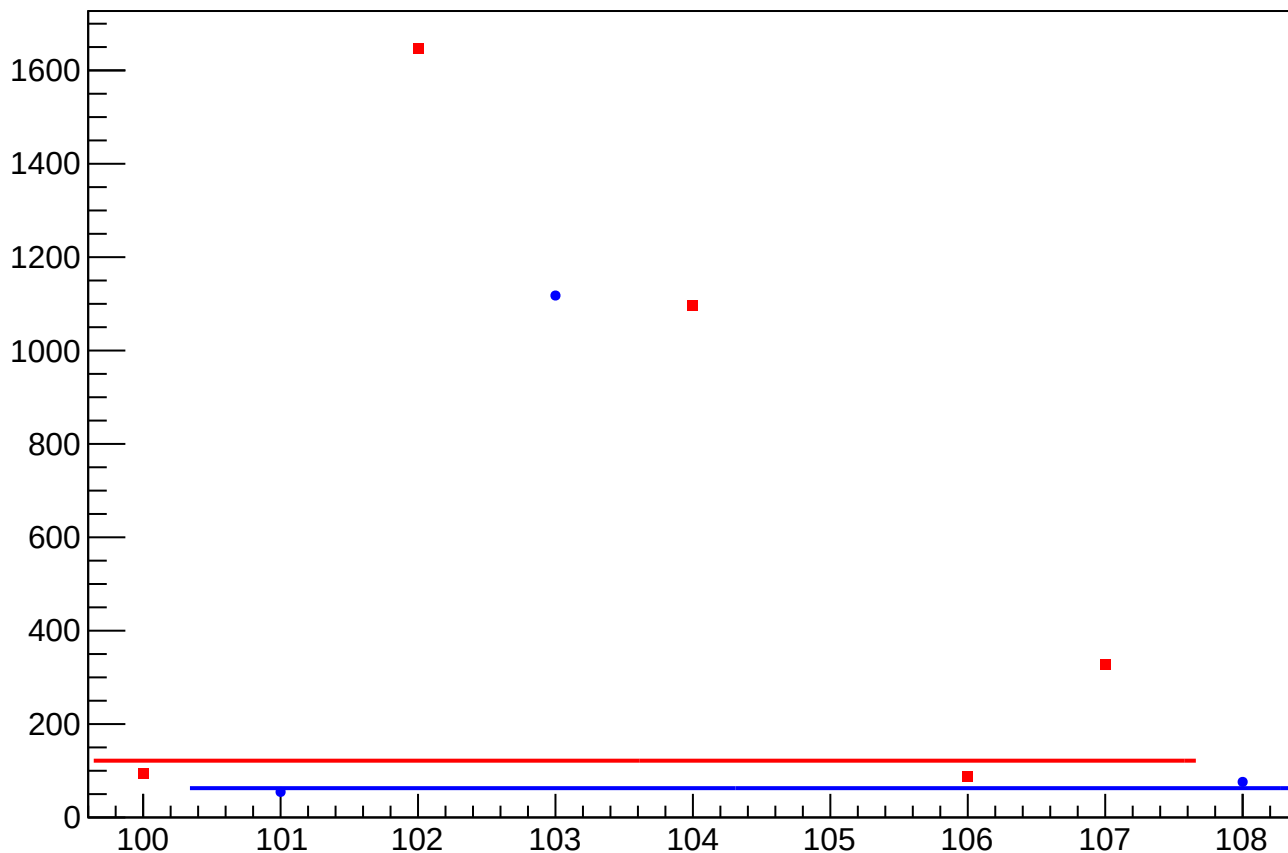
asym_atl1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.077+/-0.067 χ^2/NDF : 1.3/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.028+/-0.166 χ^2/NDF : 2.7/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.062+/-0.062 χ^2/NDF : 4.3/7
 In: 0.077+/-0.067 χ^2/NDF : 1.3/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.062+/-0.062 χ^2/NDF : 4.3/7

asym_atl1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 62.751+/-0.048 χ^2/NDF : 1106521.0/2

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

Right Out: 121.593+/-0.117 χ^2/NDF : 1816931.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

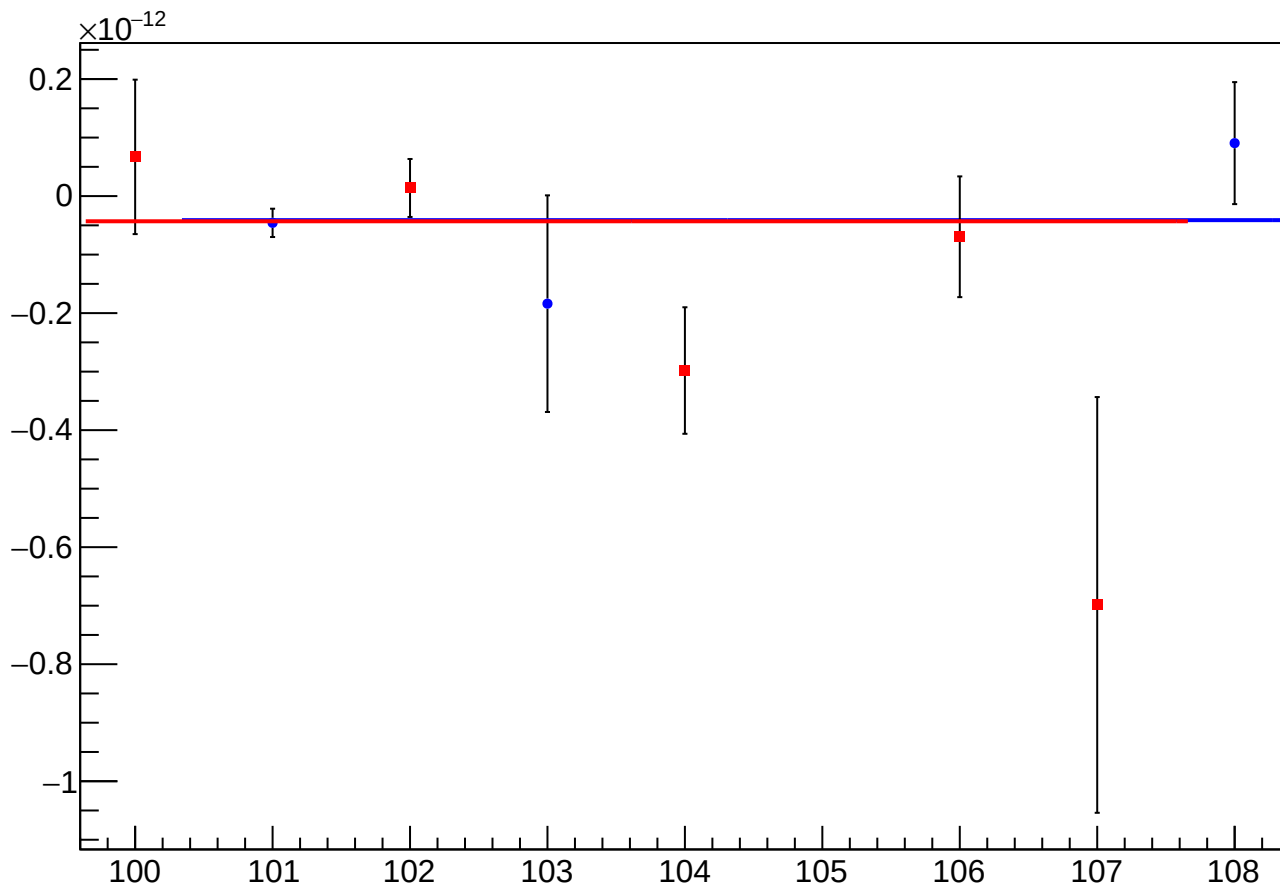
Right: 71.060+/-0.044 χ^2/NDF : 3139425.3/7

In: 62.751+/-0.048 χ^2/NDF : 1106521.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.060+/-0.044 χ^2/NDF : 3139425.3/7

asym_atl1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.2/2

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

Right Out: -0.000+/-0.000 χ^2/NDF : 11.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

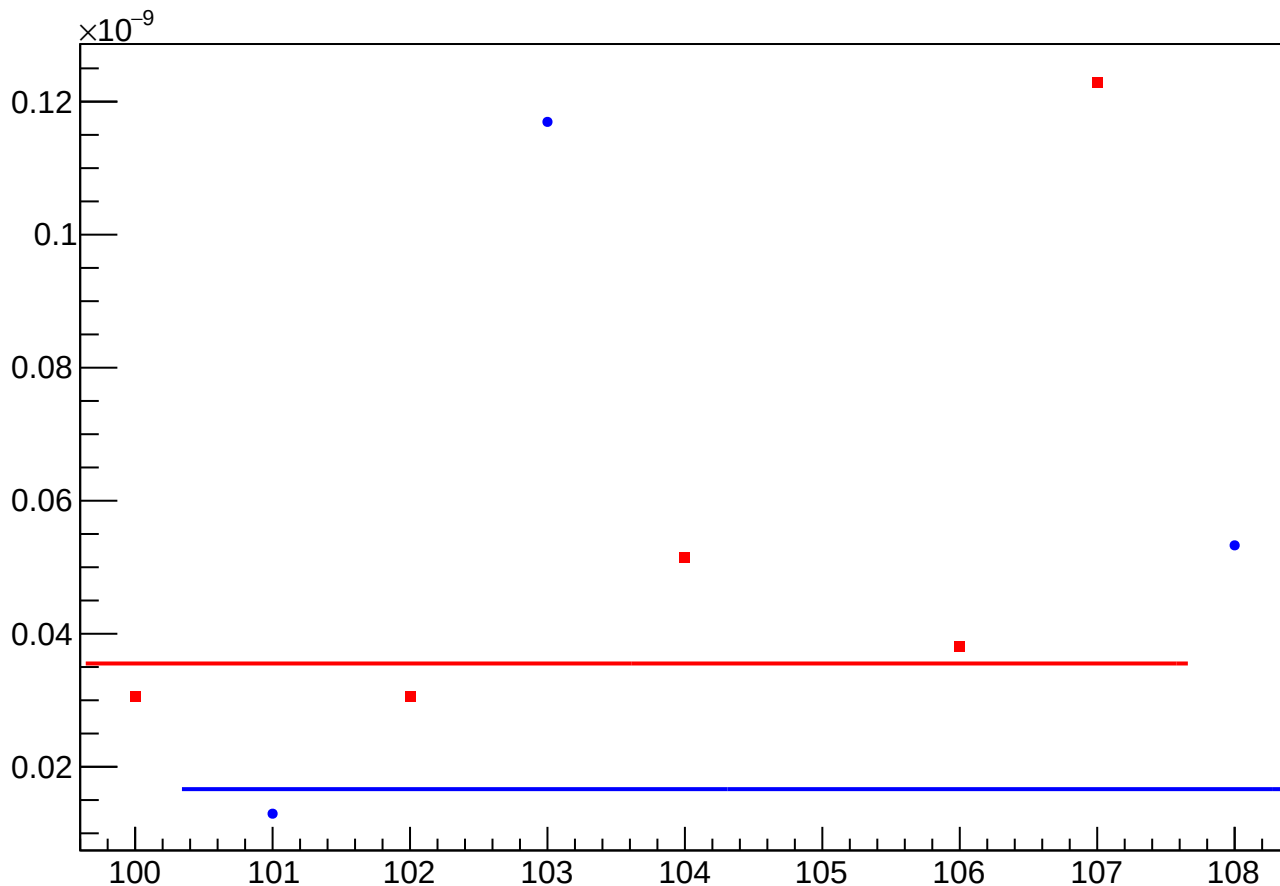
Right: -0.000+/-0.000 χ^2/NDF : 13.3/7

In: -0.000+/-0.000 χ^2/NDF : 2.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.3/7

asym_atl1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 881011.6/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 188165.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

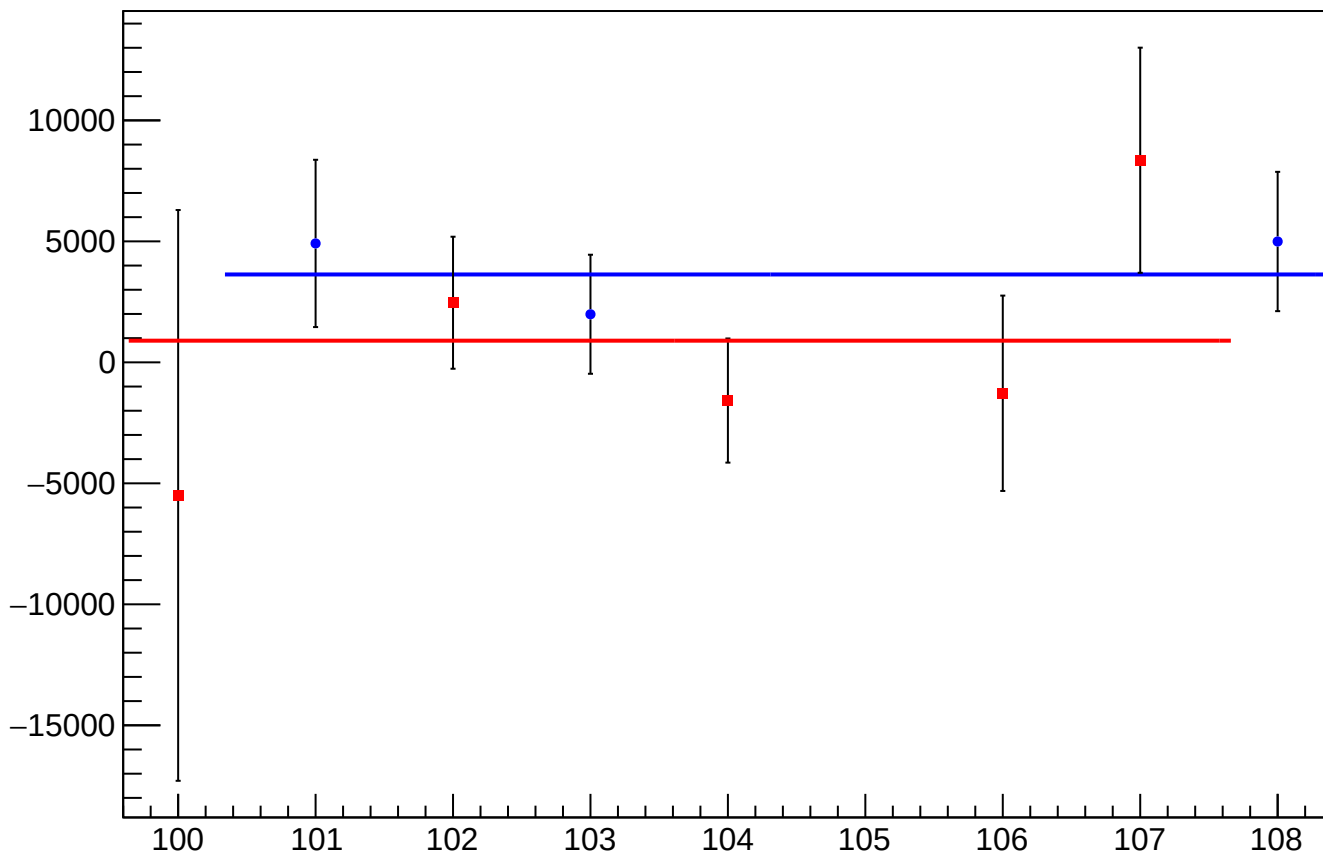
Right: 0.000+/-0.000 χ^2/NDF : 1412222.6/7

In: 0.000+/-0.000 χ^2/NDF : 881011.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1412222.6/7

reg_asym_atl2_mean vs Slug, Sign Corrected



Right In: 3632.026+/-1644.834 χ^2/NDF : 0.8/2

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

Right Out: 895.625+/-1578.960 χ^2/NDF : 4.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

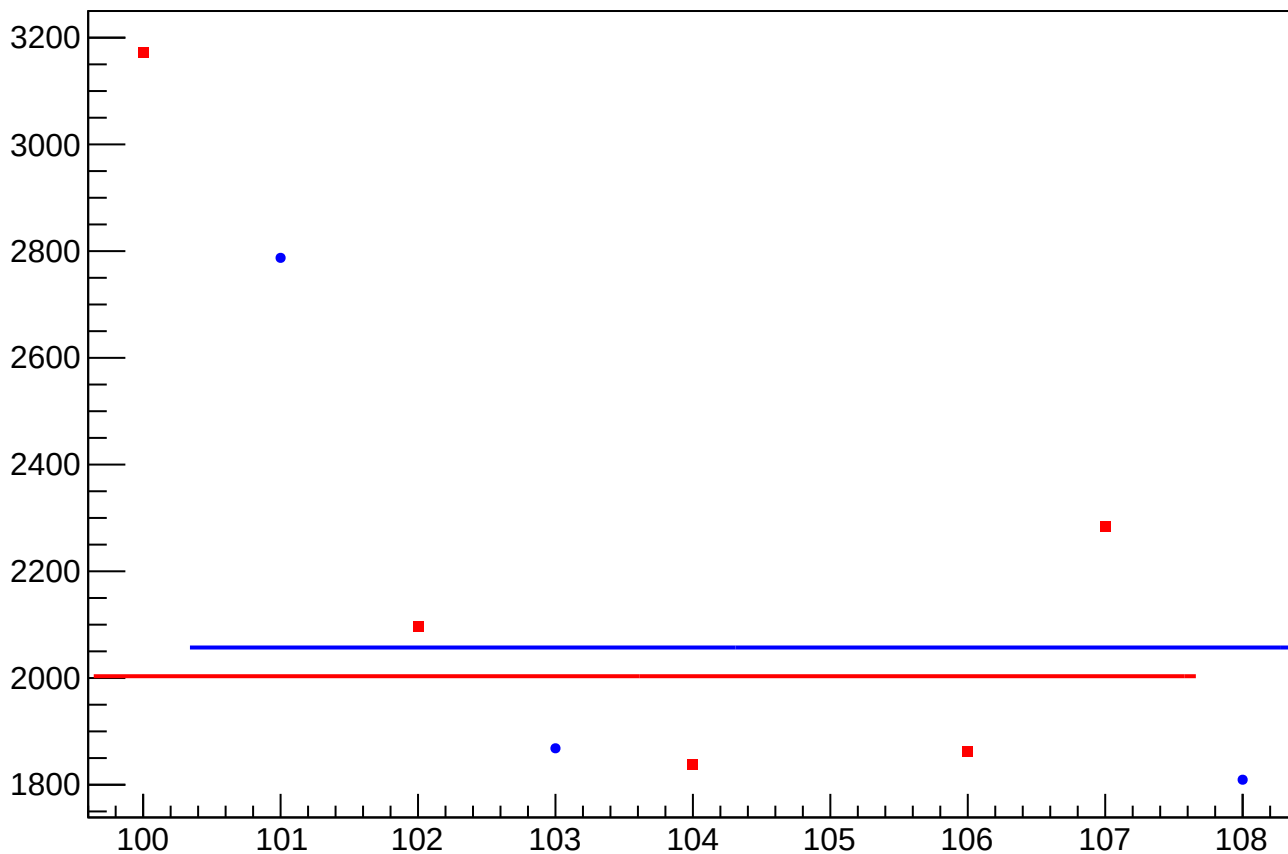
Right: 2207.934+/-1139.070 χ^2/NDF : 6.7/7

In: 3632.026+/-1644.834 χ^2/NDF : 0.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2207.934+/-1139.070 χ^2/NDF : 6.7/7

reg_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2057.199+/-1.163 χ^2/NDF : 115846.9/2

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

Right Out: 2003.398+/-1.116 χ^2/NDF : 40007.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

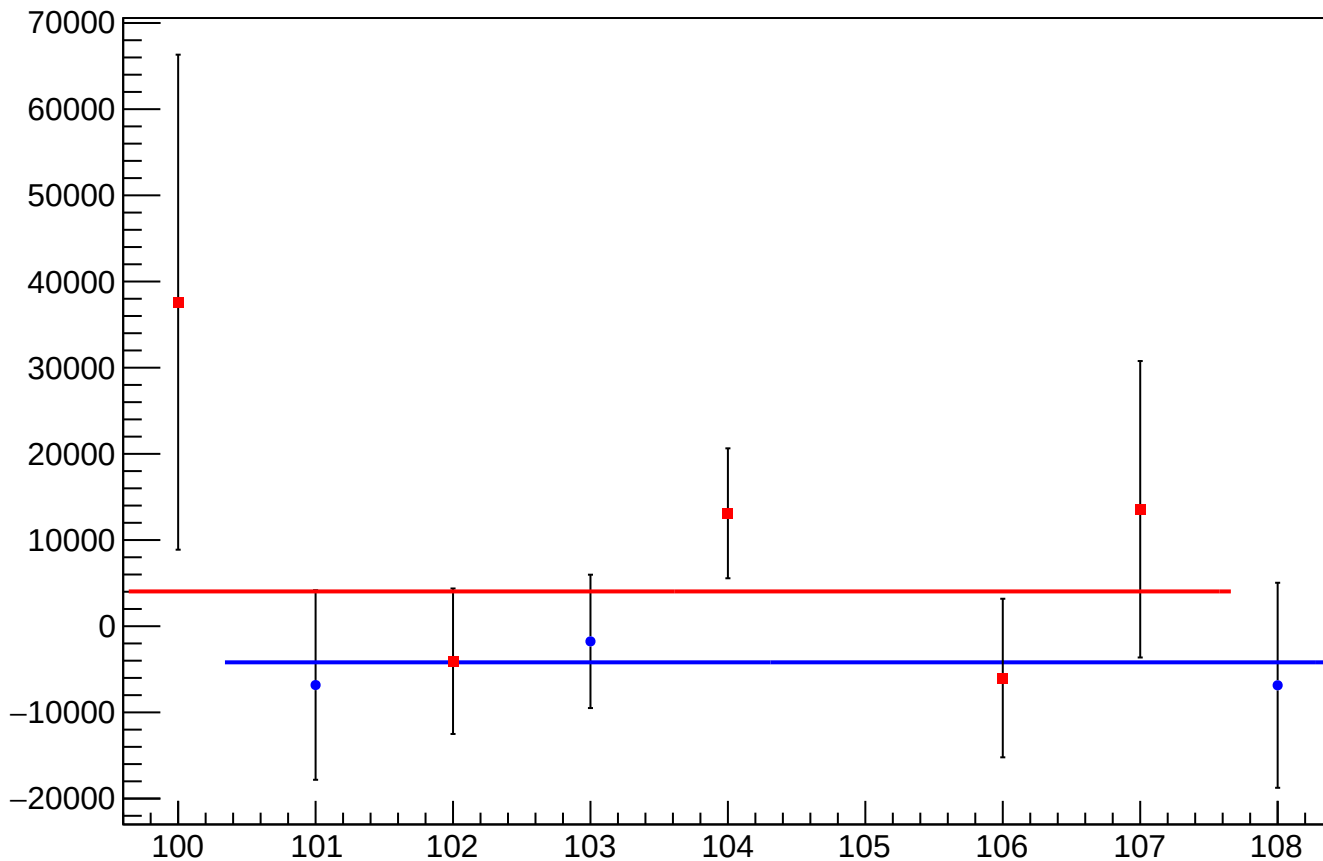
Right: 2029.199+/-0.805 χ^2/NDF : 156968.4/7

In: 2057.199+/-1.163 χ^2/NDF : 115846.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2029.199+/-0.805 χ^2/NDF : 156968.4/7

asym_atl2_reg_correction_mean vs Slug, Sign Corrected



Right In: -4190.971+/-5586.703 χ^2/NDF : 0.2/2

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

Right Out: 4036.726+/-4562.829 χ^2/NDF : 5.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

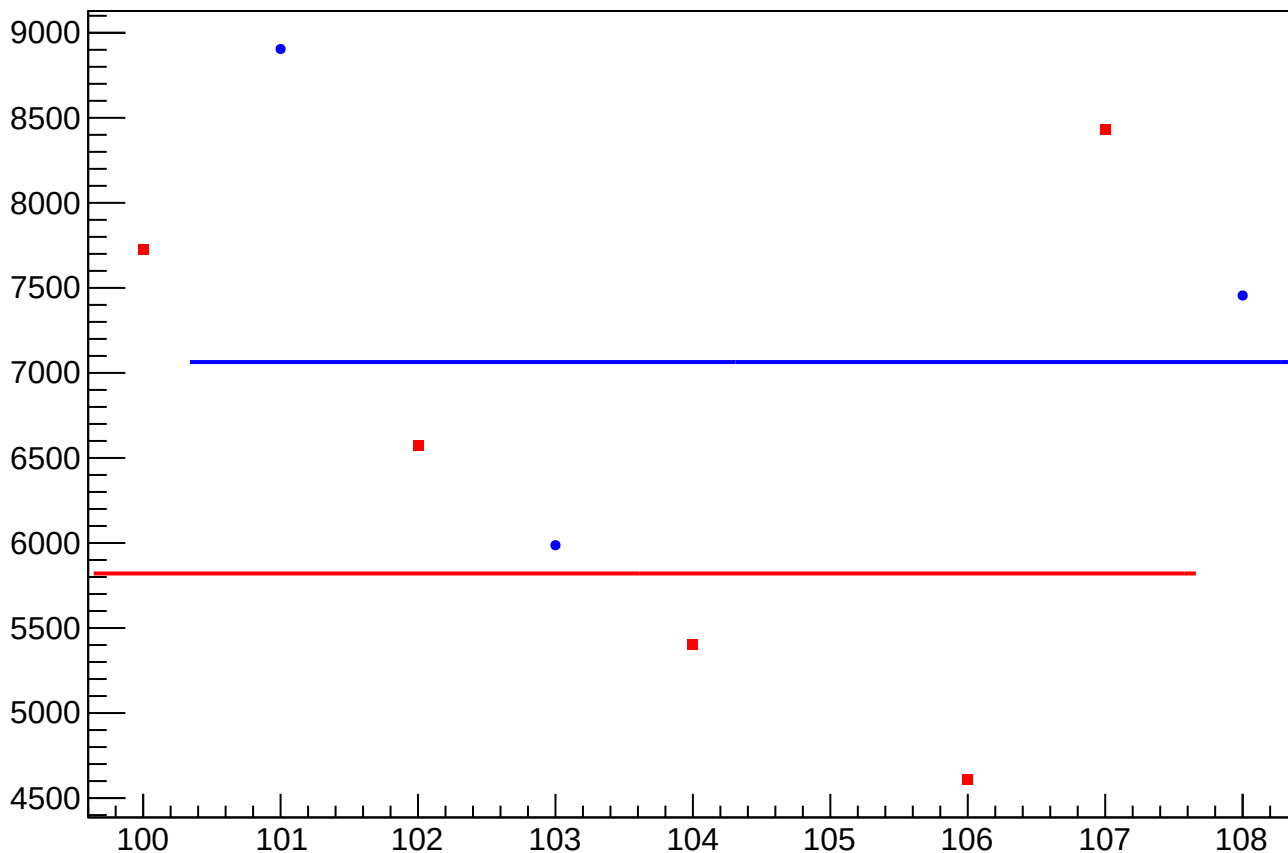
Right: 744.517+/-3533.948 χ^2/NDF : 6.7/7

In: -4190.971+/-5586.703 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 744.517+/-3533.948 χ^2/NDF : 6.7/7

asym_atl2_reg_correction_rms vs Slug, Sign Corrected



Right In: 7063.935+/-3.950 χ^2/NDF : 96963.8/2

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

Right Out: 5820.684+/-3.226 χ^2/NDF : 111733.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

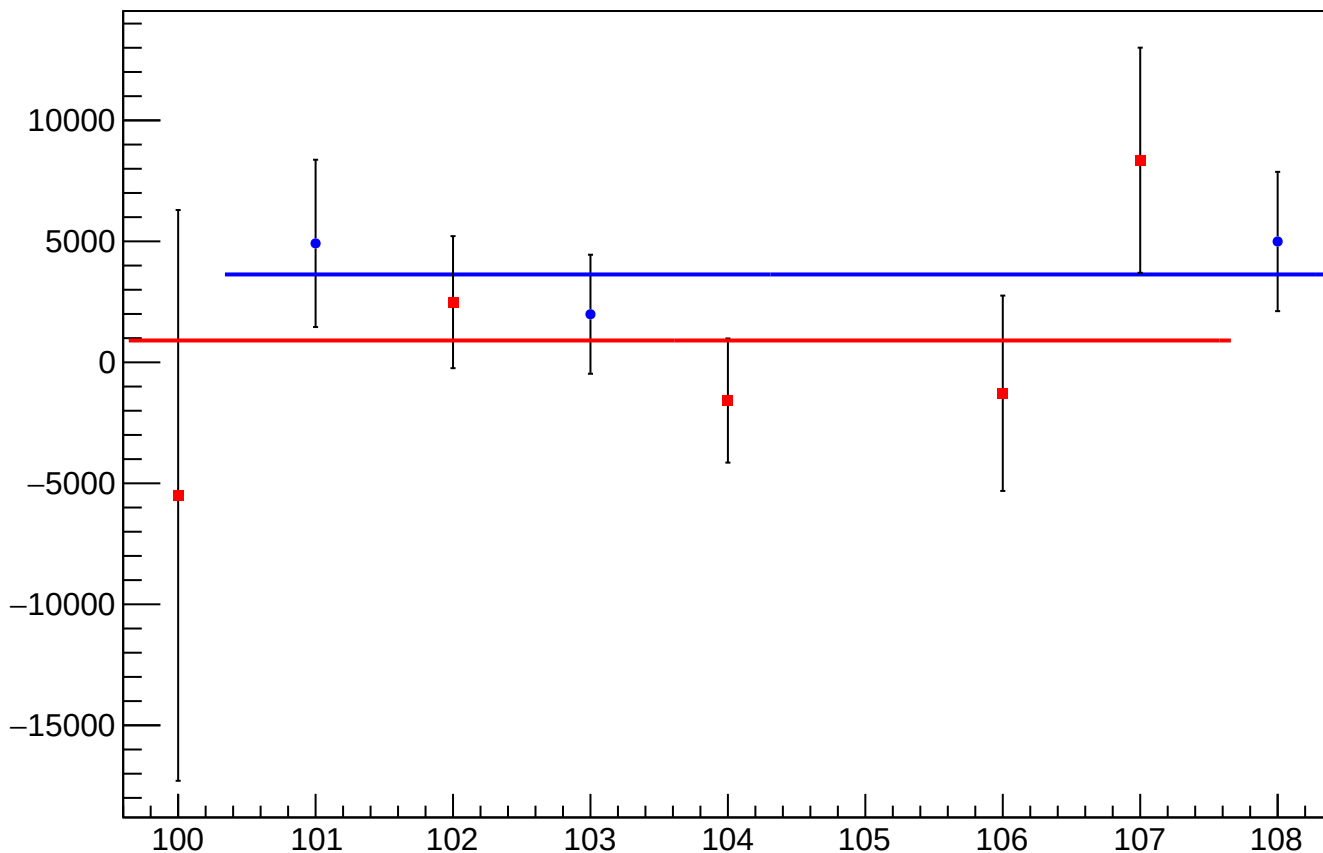
Right: 6318.155+/-2.499 χ^2/NDF : 268111.6/7

In: 7063.935+/-3.950 χ^2/NDF : 96963.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6318.155+/-2.499 χ^2/NDF : 268111.6/7

cor_asym_atl2_mean vs Slug, Sign Corrected



Right In: 3632.360+/-1644.834 χ^2/NDF : 0.8/2

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

Right Out: 903.540+/-1579.029 χ^2/NDF : 4.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

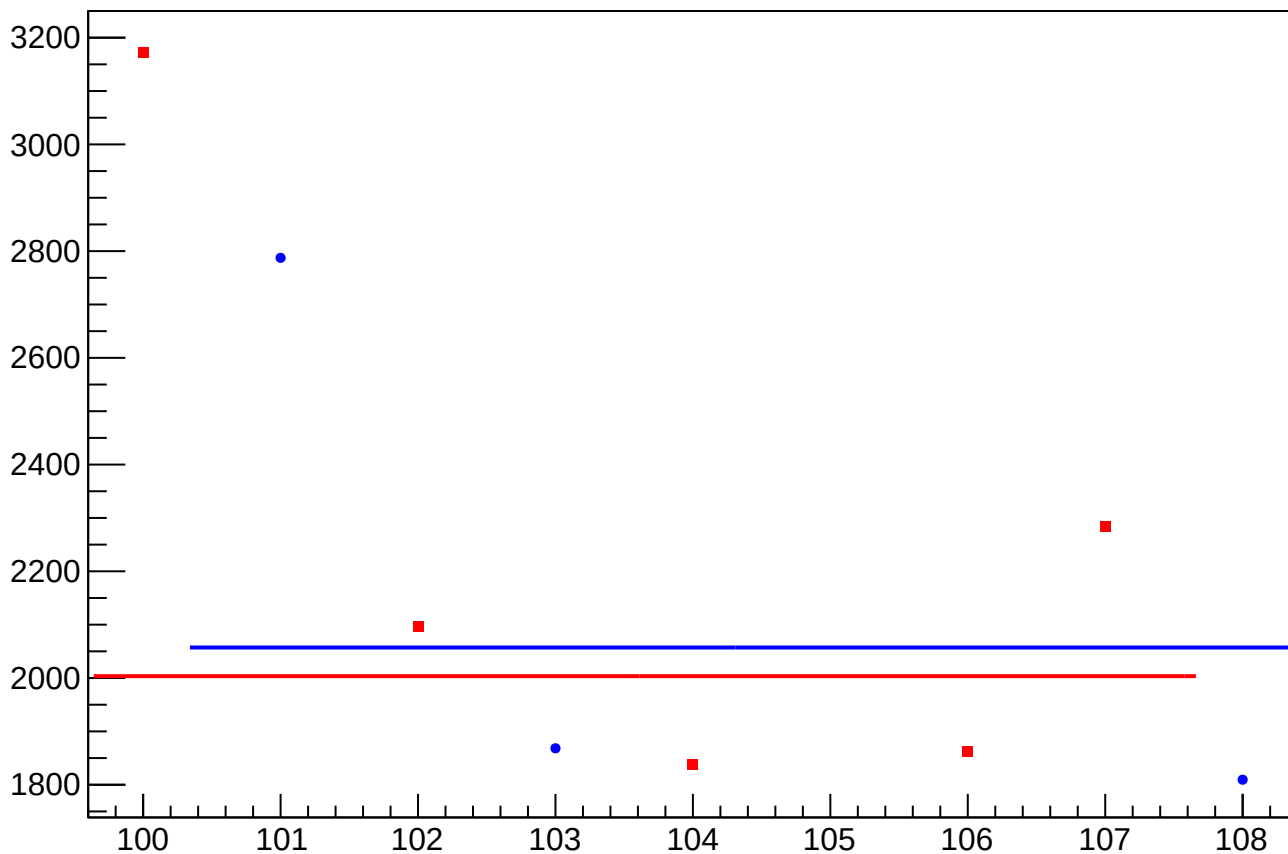
Right: 2212.274+/-1139.096 χ^2/NDF : 6.7/7

In: 3632.360+/-1644.834 χ^2/NDF : 0.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2212.274+/-1139.096 χ^2/NDF : 6.7/7

cor_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2057.198+/-1.163 χ^2/NDF : 115846.7/2

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

Right Out: 2003.490+/-1.117 χ^2/NDF : 40022.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

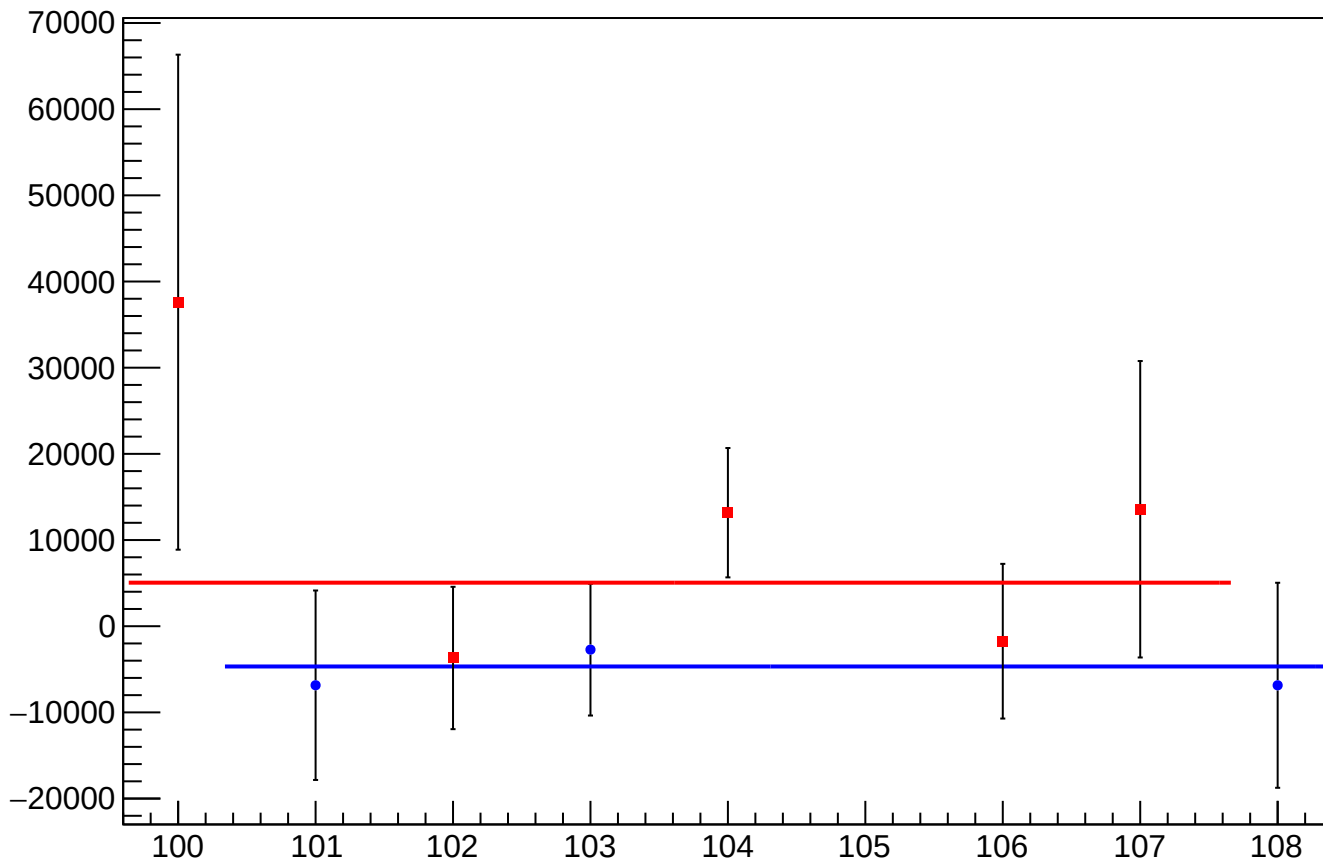
Right: 2029.248+/-0.805 χ^2/NDF : 156978.7/7

In: 2057.198+/-1.163 χ^2/NDF : 115846.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2029.248+/-0.805 χ^2/NDF : 156978.7/7

asym_atl2_cor_correction_mean vs Slug, Sign Corrected



Right In: -4672.710+/-5552.323 χ^2/NDF : 0.1/2

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

Right Out: 5051.680+/-4498.519 χ^2/NDF : 4.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

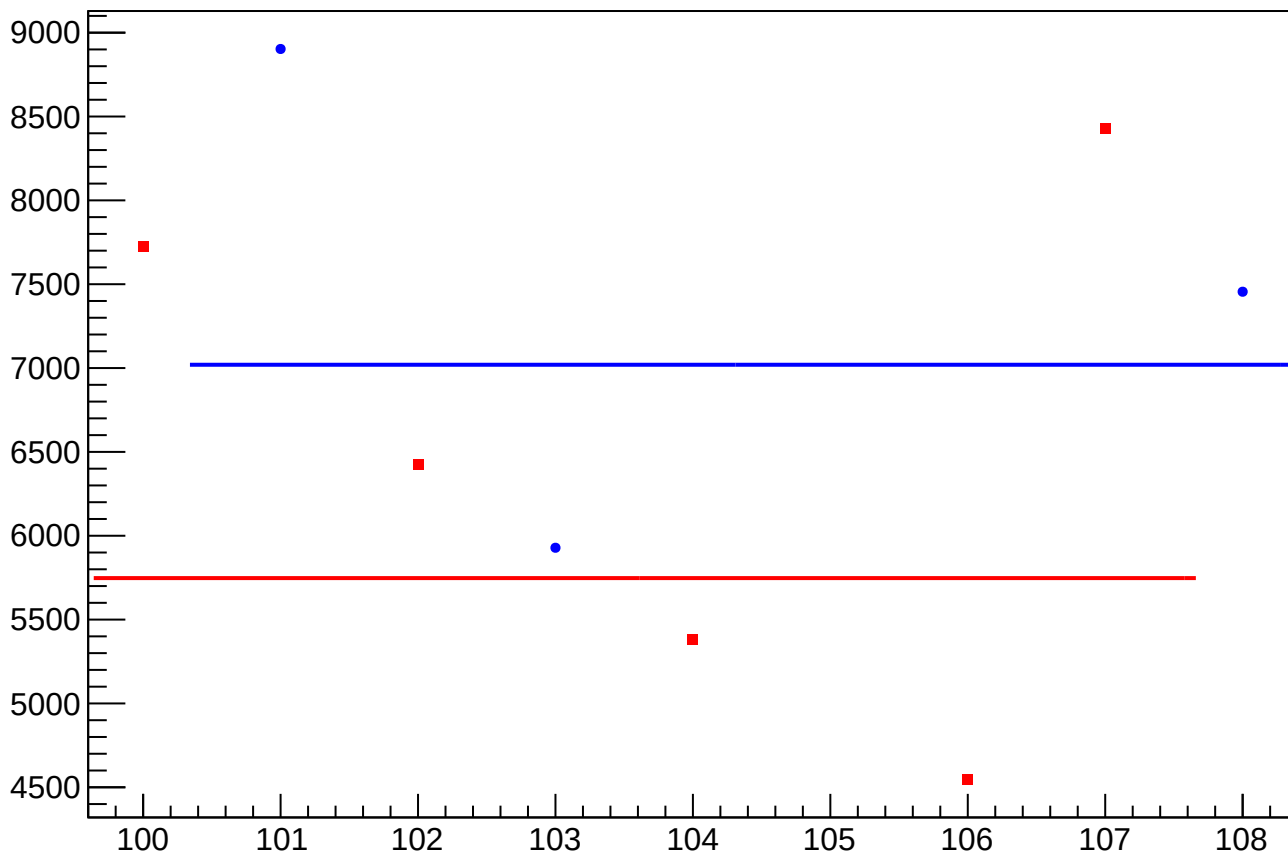
Right: 1197.975+/-3495.286 χ^2/NDF : 6.4/7

In: -4672.710+/-5552.323 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1197.975+/-3495.286 χ^2/NDF : 6.4/7

asym_atl2_cor_correction_rms vs Slug, Sign Corrected



Right In: 7019.688+/-3.926 χ^2/NDF : 102083.8/2

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

Right Out: 5747.478+/-3.181 χ^2/NDF : 112356.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

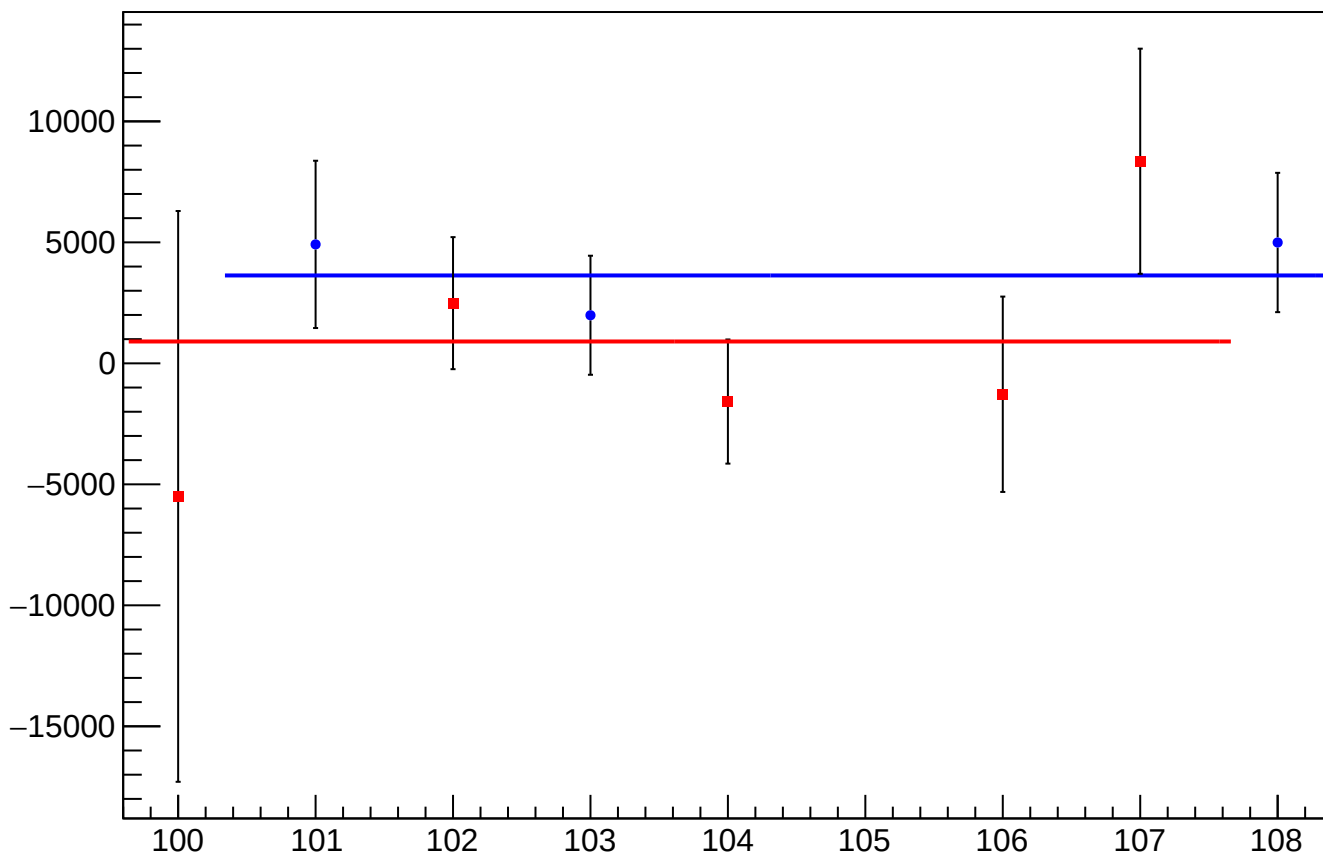
Right: 6251.646+/-2.472 χ^2/NDF : 277830.4/7

In: 7019.688+/-3.926 χ^2/NDF : 102083.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6251.646+/-2.472 χ^2/NDF : 277830.4/7

eigen_cor_asym_atl2_mean vs Slug, Sign Corrected



Right In: 3632.360+/-1644.834 χ^2/NDF : 0.8/2

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

Right Out: 903.540+/-1579.029 χ^2/NDF : 4.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

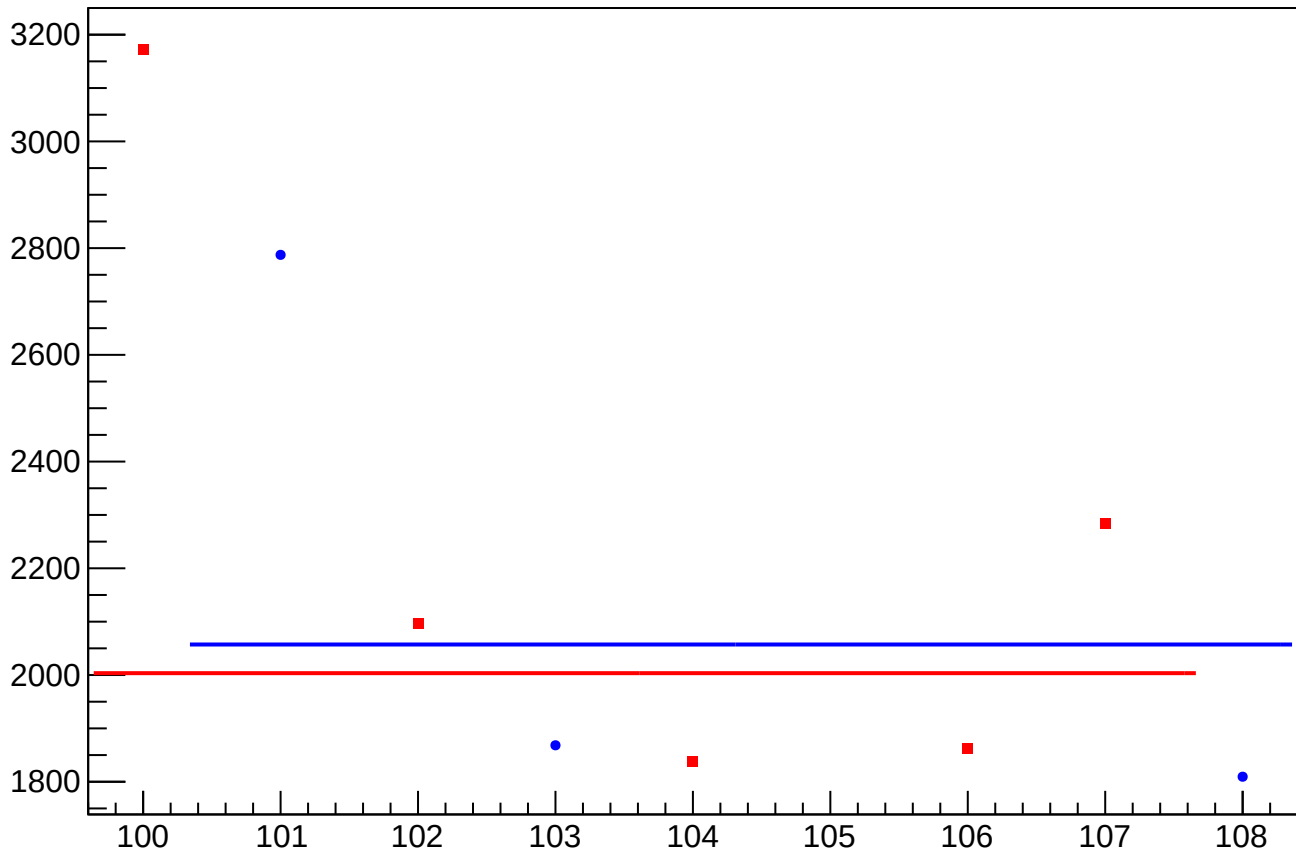
Right: 2212.274+/-1139.096 χ^2/NDF : 6.7/7

In: 3632.360+/-1644.834 χ^2/NDF : 0.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2212.274+/-1139.096 χ^2/NDF : 6.7/7

eigen_cor_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2057.198+/-1.163 χ^2/NDF : 115846.7/2

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

Right Out: 2003.490+/-1.117 χ^2/NDF : 40022.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

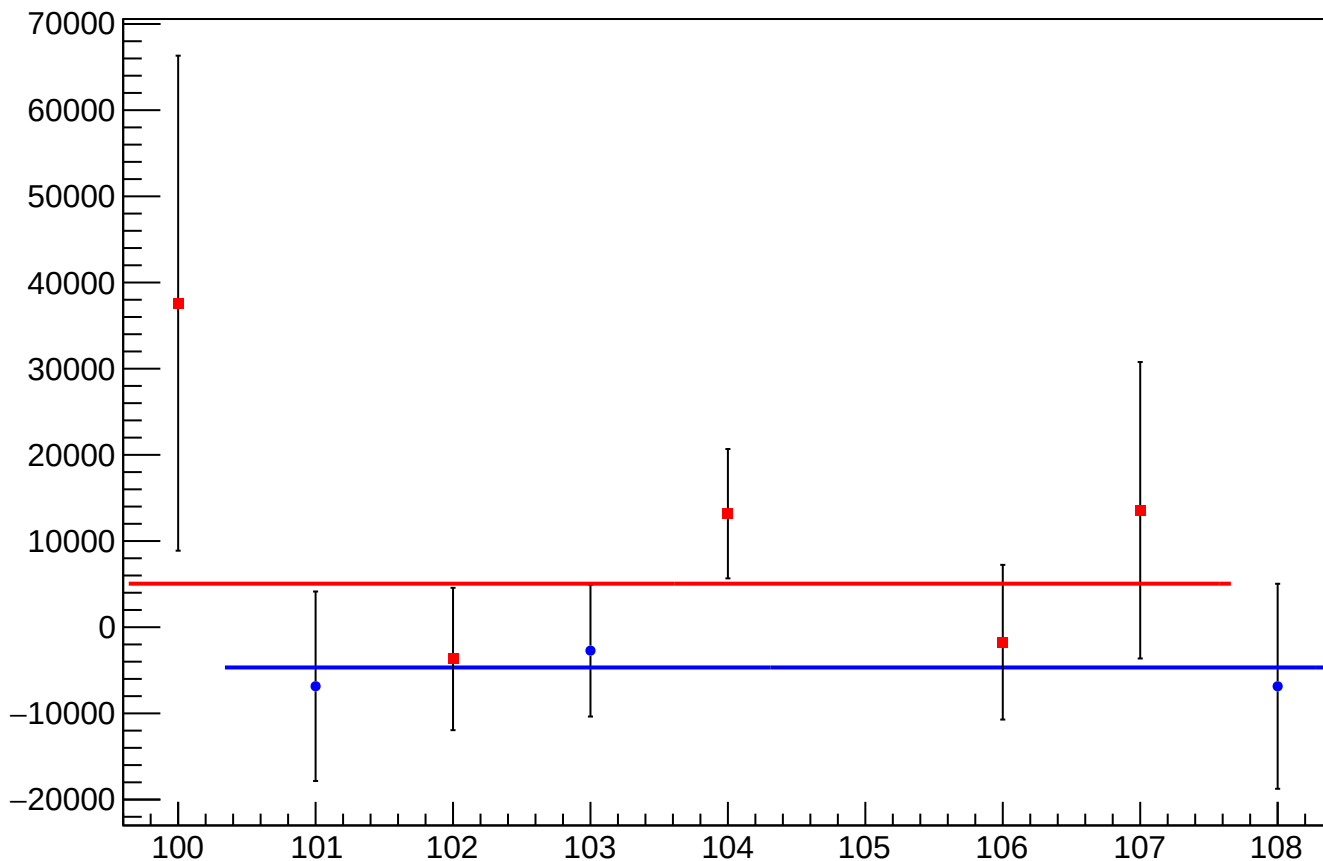
Right: 2029.248+/-0.805 χ^2/NDF : 156978.7/7

In: 2057.198+/-1.163 χ^2/NDF : 115846.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2029.248+/-0.805 χ^2/NDF : 156978.7/7

asym_atl2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -4672.710+/-5552.323 χ^2/NDF : 0.1/2

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

Right Out: 5051.680+/-4498.519 χ^2/NDF : 4.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

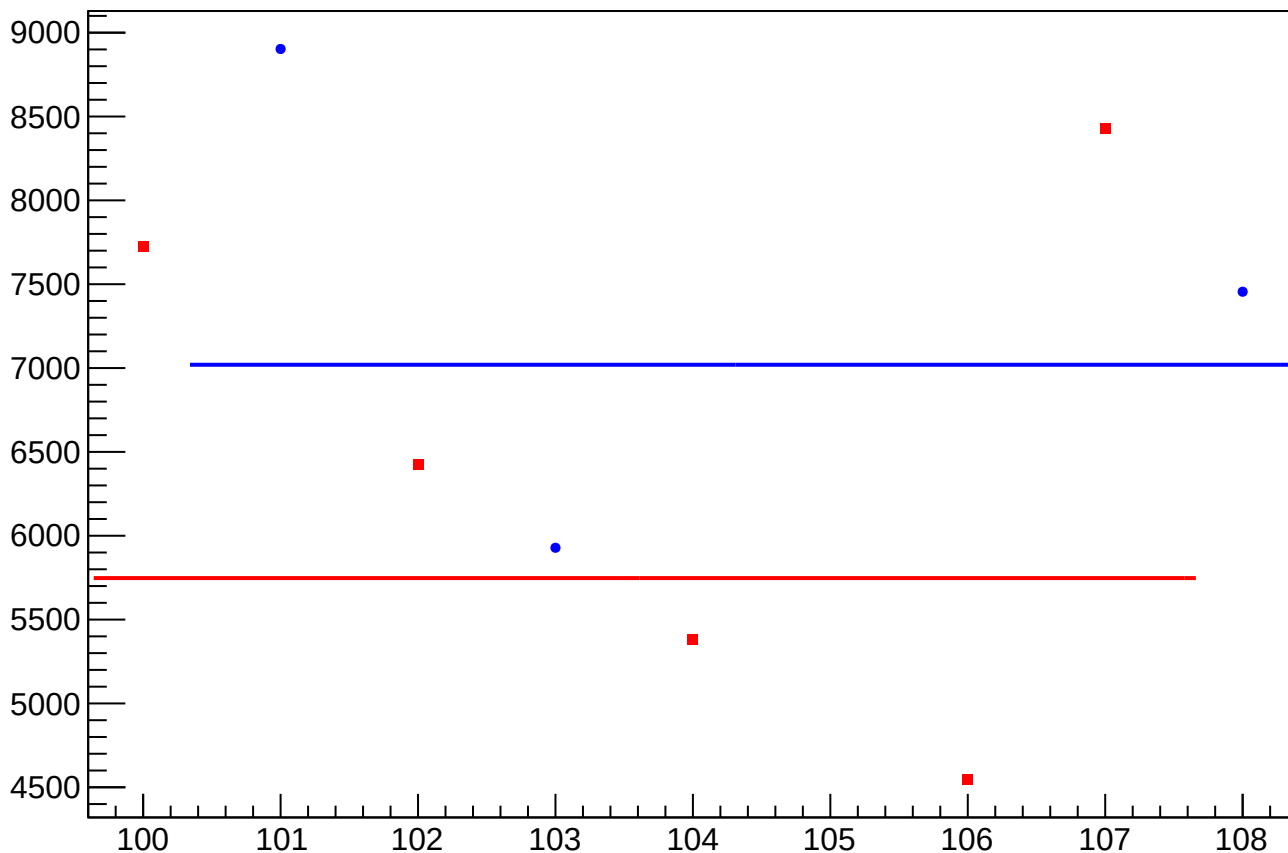
Right: 1197.975+/-3495.286 χ^2/NDF : 6.4/7

In: -4672.710+/-5552.323 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1197.975+/-3495.286 χ^2/NDF : 6.4/7

asym_atl2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 7019.688+/-3.926 χ^2/NDF : 102083.8/2

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

Right Out: 5747.478+/-3.181 χ^2/NDF : 112356.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

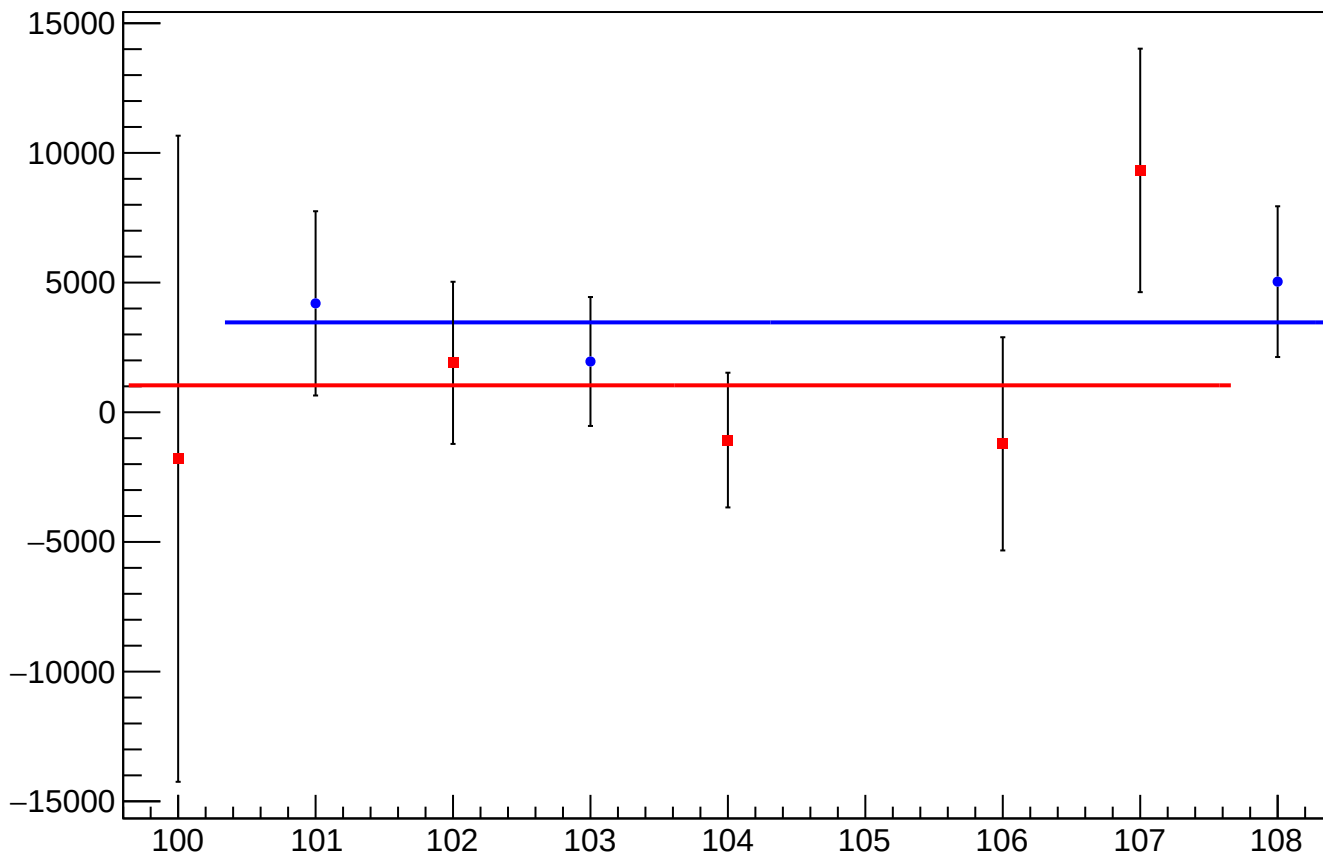
Right: 6251.646+/-2.472 χ^2/NDF : 277830.4/7

In: 7019.688+/-3.926 χ^2/NDF : 102083.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6251.646+/-2.472 χ^2/NDF : 277830.4/7

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 3465.263+/-1667.852 χ^2/NDF : 0.7/2

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

Right Out: 1038.460+/-1662.882 χ^2/NDF : 4.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

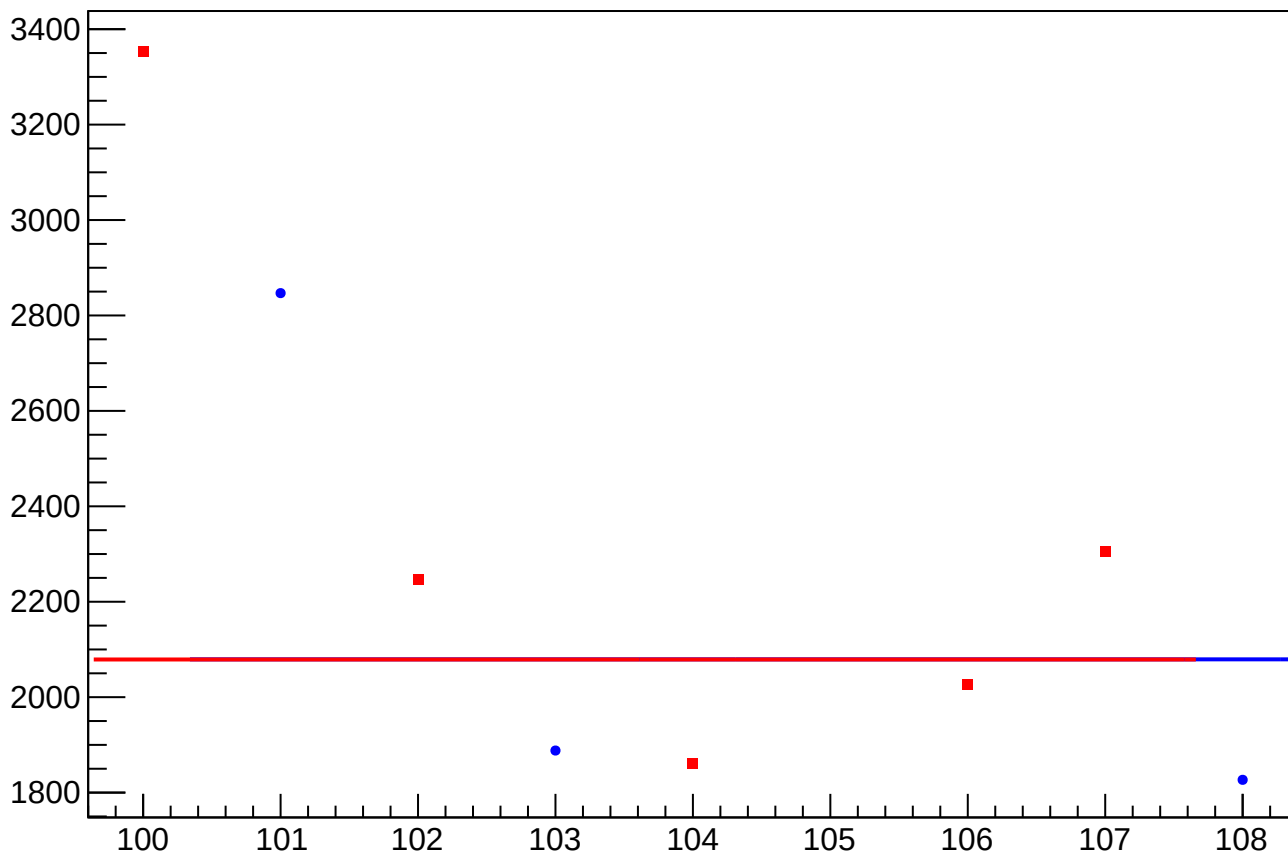
Right: 2248.240+/-1177.588 χ^2/NDF : 6.0/7

In: 3465.263+/-1667.852 χ^2/NDF : 0.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2248.240+/-1177.588 χ^2/NDF : 6.0/7

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2079.272 $\pm$ 1.179 χ^2/NDF : 120289.5/2

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

Right Out: 2078.985 $\pm$ 1.168 χ^2/NDF : 45798.6/4

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

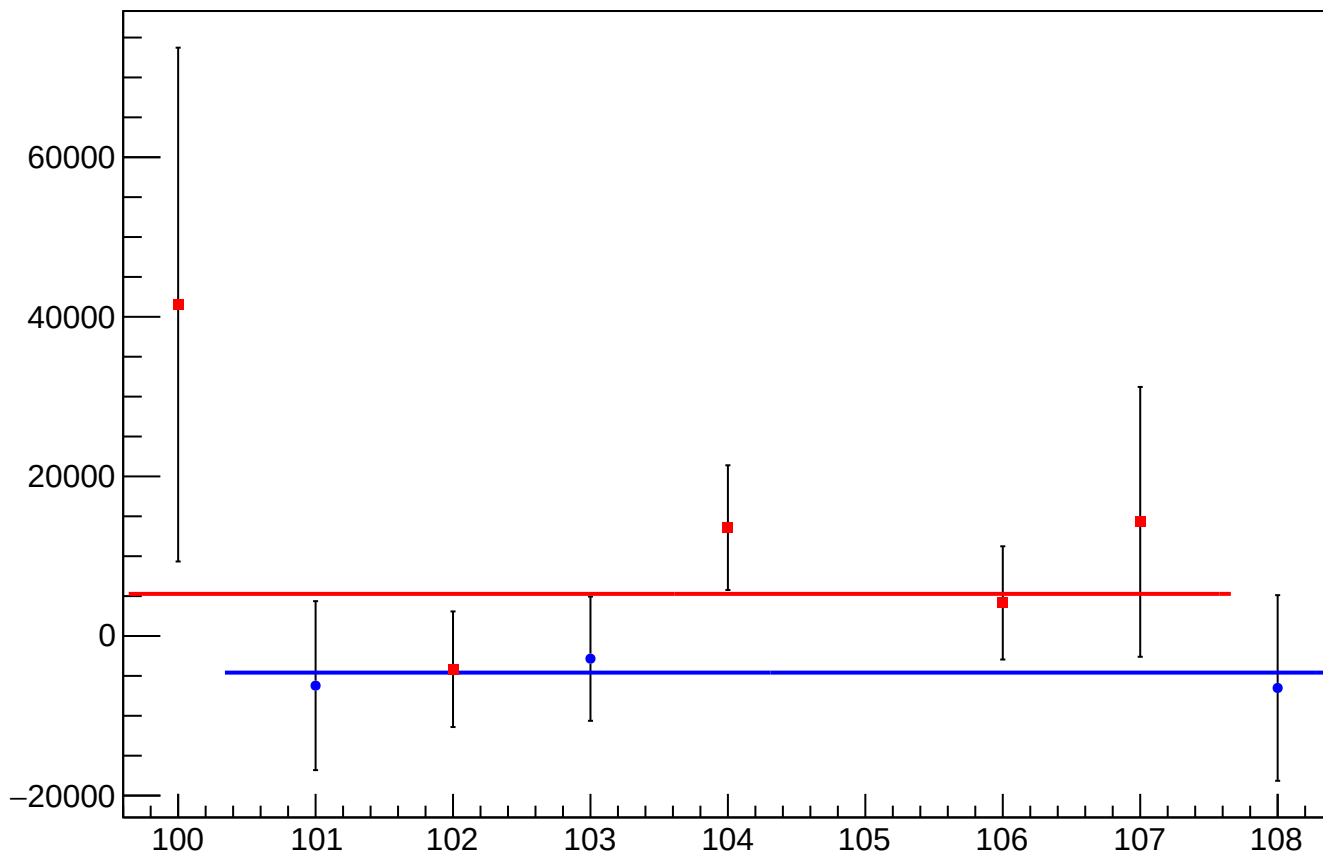
Right: 2079.127 $\pm$ 0.830 χ^2/NDF : 166088.2/7

In: 2079.272 $\pm$ 1.179 χ^2/NDF : 120289.5/2

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

All: 2079.127 $\pm$ 0.830 χ^2/NDF : 166088.2/7

asym_atl2_dit_correction_mean vs Slug, Sign Corrected



Right In: -4588.991+/-5521.311 χ^2/NDF : 0.1/2

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

Right Out: 5278.683+/-4090.676 χ^2/NDF : 4.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

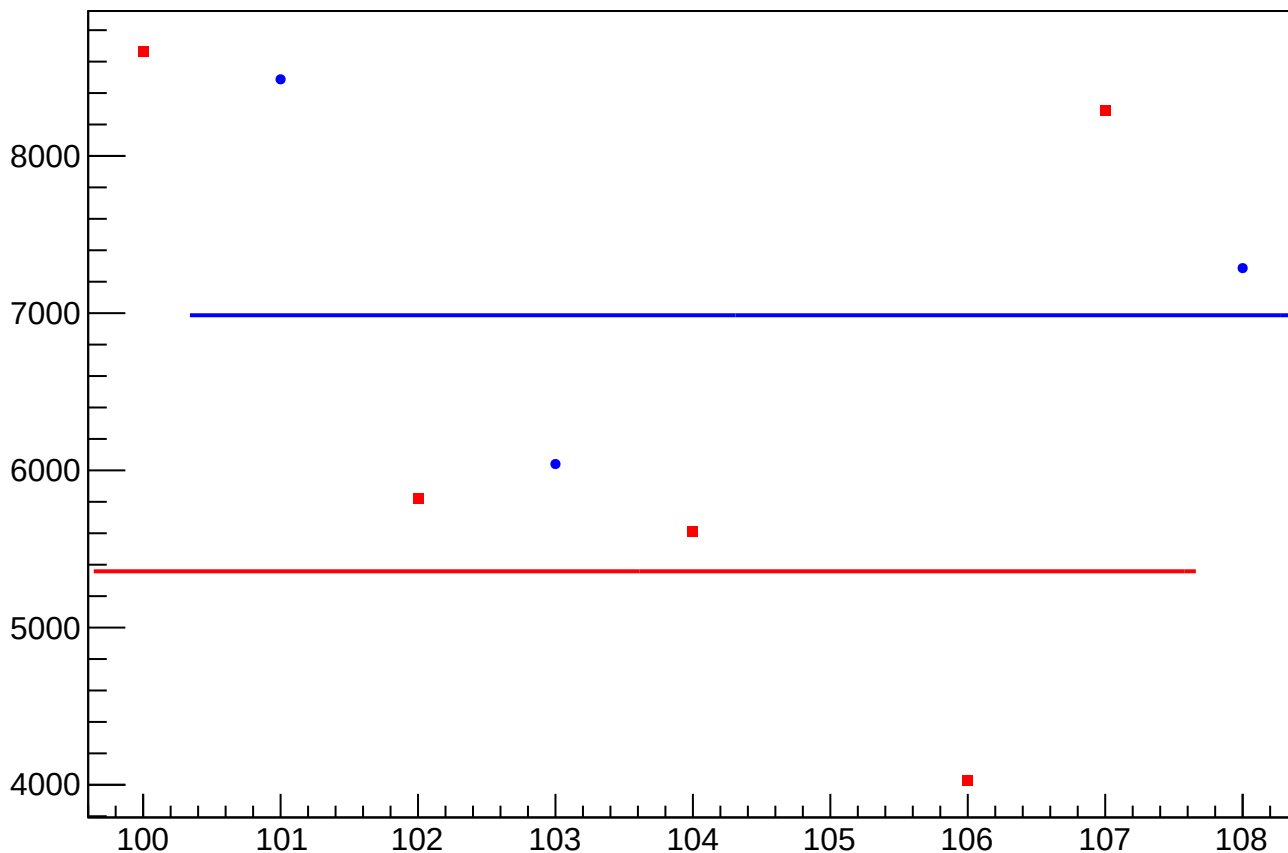
Right: 1781.706+/-3286.860 χ^2/NDF : 6.6/7

In: -4588.991+/-5521.311 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1781.706+/-3286.860 χ^2/NDF : 6.6/7

asym_atl2_dit_correction_rms vs Slug, Sign Corrected



Right In: 6986.667+/-3.904 χ^2/NDF : 71053.4/2

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

Right Out: 5358.073+/-2.893 χ^2/NDF : 161539.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

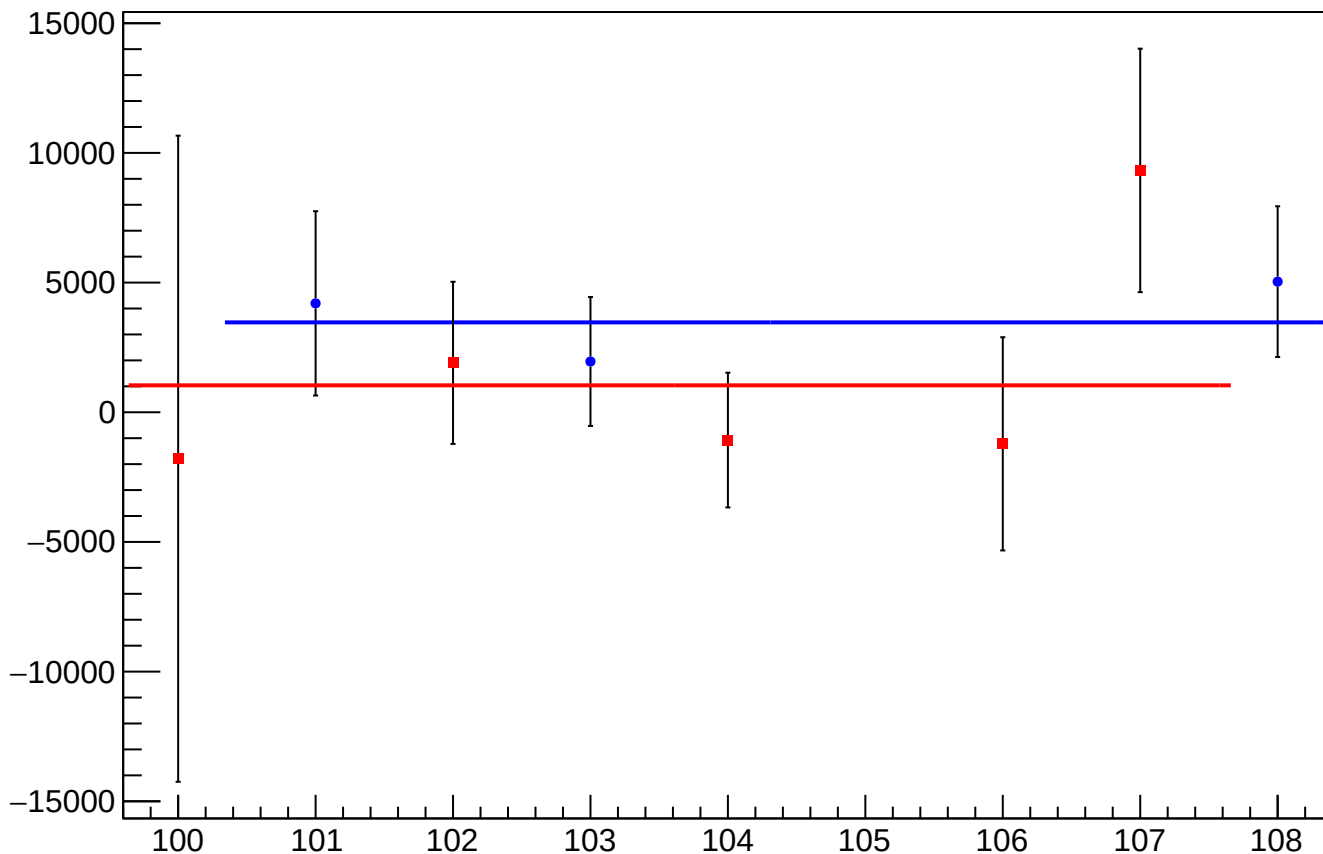
Right: 5935.226+/-2.324 χ^2/NDF : 344935.1/7

In: 6986.667+/-3.904 χ^2/NDF : 71053.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5935.226+/-2.324 χ^2/NDF : 344935.1/7

eigen_dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 3465.273+/-1667.853 χ^2/NDF : 0.7/2

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

Right Out: 1038.463+/-1662.882 χ^2/NDF : 4.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

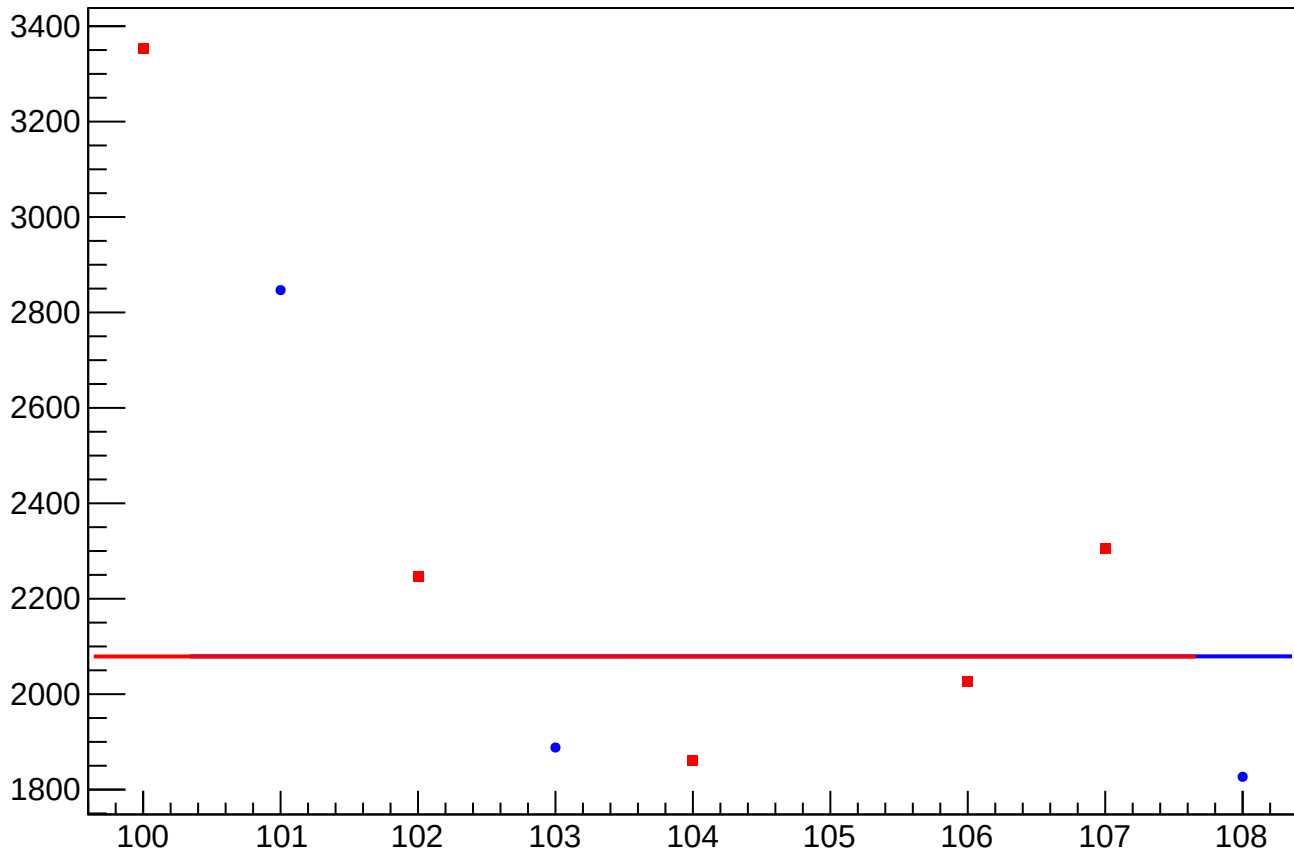
Right: 2248.246+/-1177.589 χ^2/NDF : 6.0/7

In: 3465.273+/-1667.853 χ^2/NDF : 0.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2248.246+/-1177.589 χ^2/NDF : 6.0/7

eigen_dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2079.273+/-1.179 χ^2/NDF : 120289.1/2

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

Right Out: 2078.985+/-1.168 χ^2/NDF : 45798.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

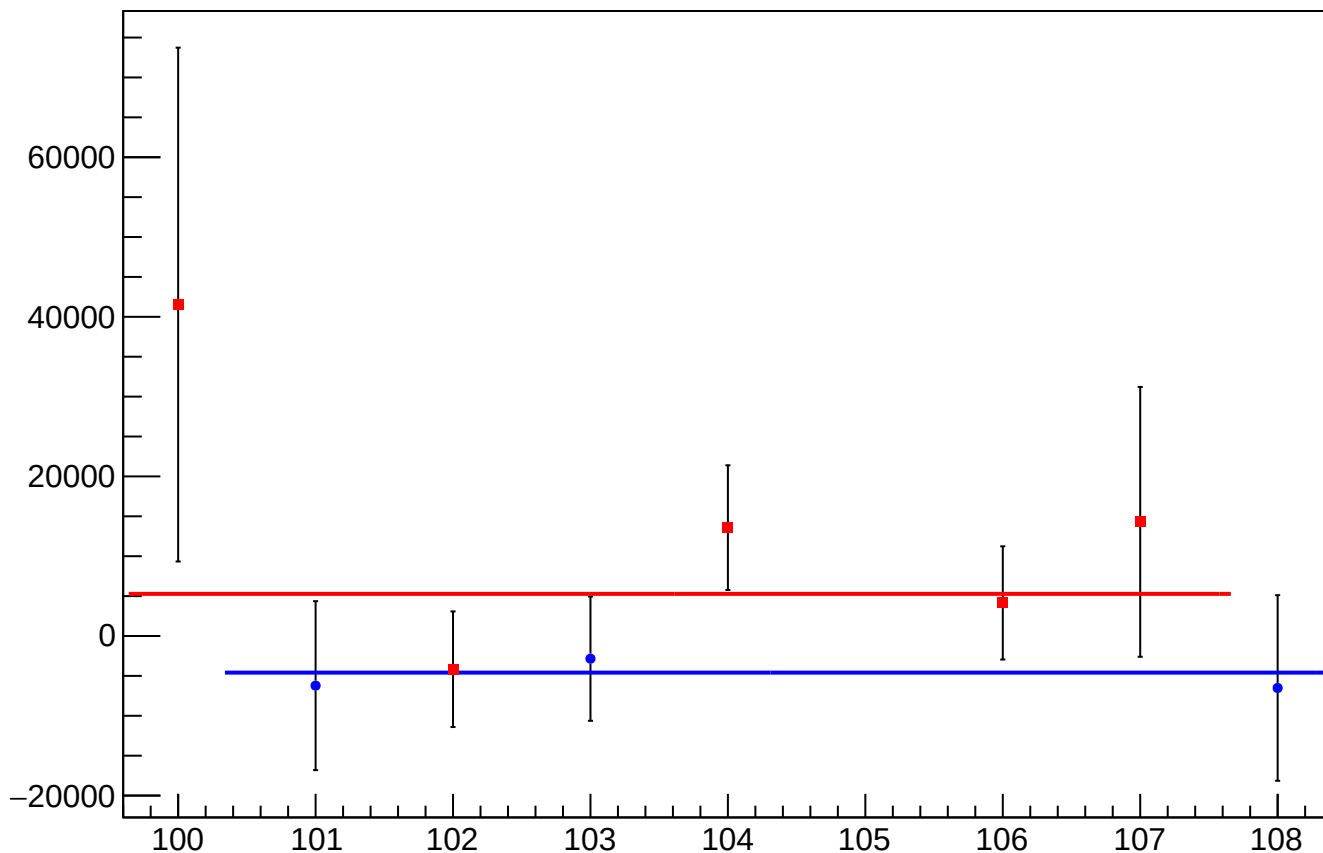
Right: 2079.128+/-0.830 χ^2/NDF : 166087.7/7

In: 2079.273+/-1.179 χ^2/NDF : 120289.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2079.128+/-0.830 χ^2/NDF : 166087.7/7

asym_atl2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -4588.987 $\pm$ 5521.304 χ^2 /NDF: 0.1/2

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

Right Out: 5278.685 $\pm$ 4090.672 χ^2 /NDF: 4.4/4

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

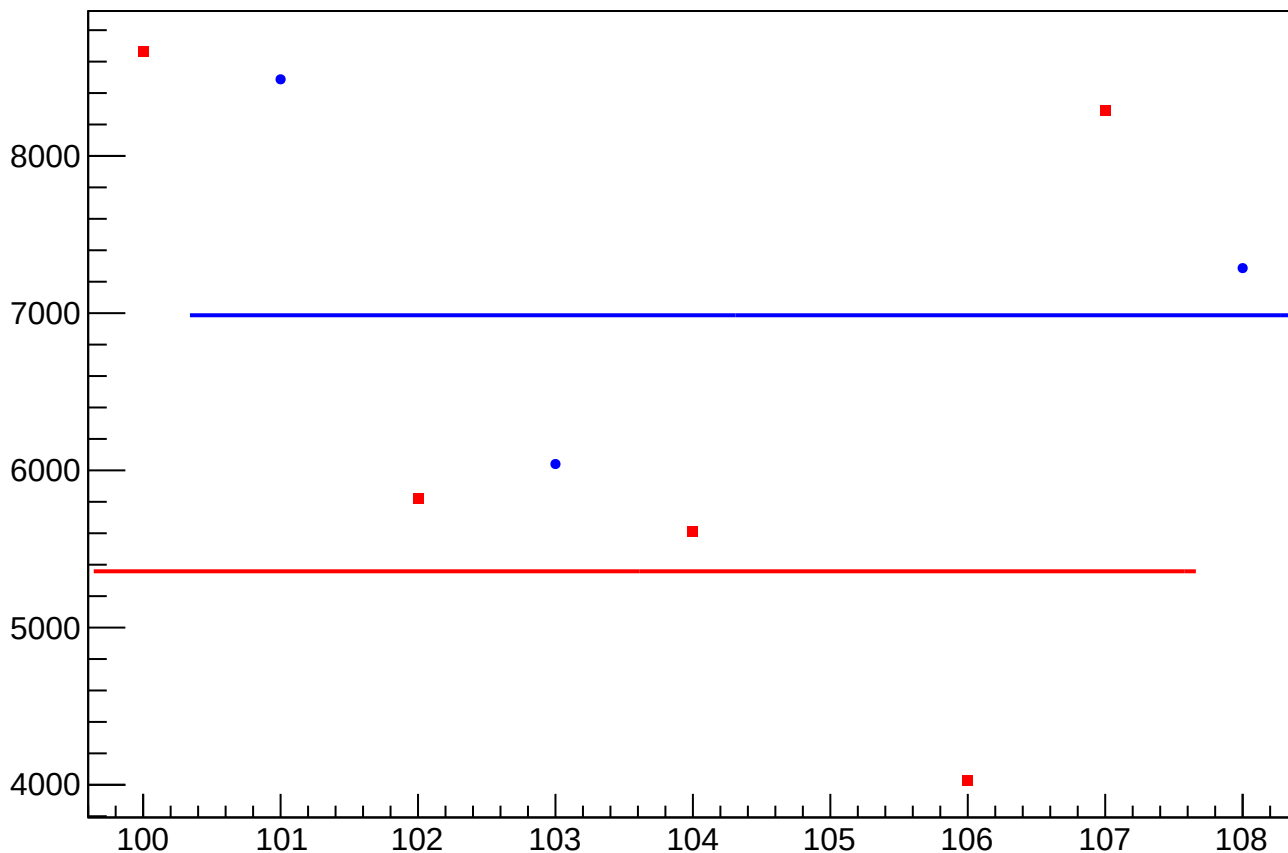
Right: 1781.708 $\pm$ 3286.856 χ^2 /NDF: 6.6/7

In: -4588.987 $\pm$ 5521.304 χ^2 /NDF: 0.1/2

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

All: 1781.708 $\pm$ 3286.856 χ^2 /NDF: 6.6/7

asym_atl2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 6986.659+/-3.904 χ^2/NDF : 71052.6/2

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

Right Out: 5358.065+/-2.893 χ^2/NDF : 161541.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

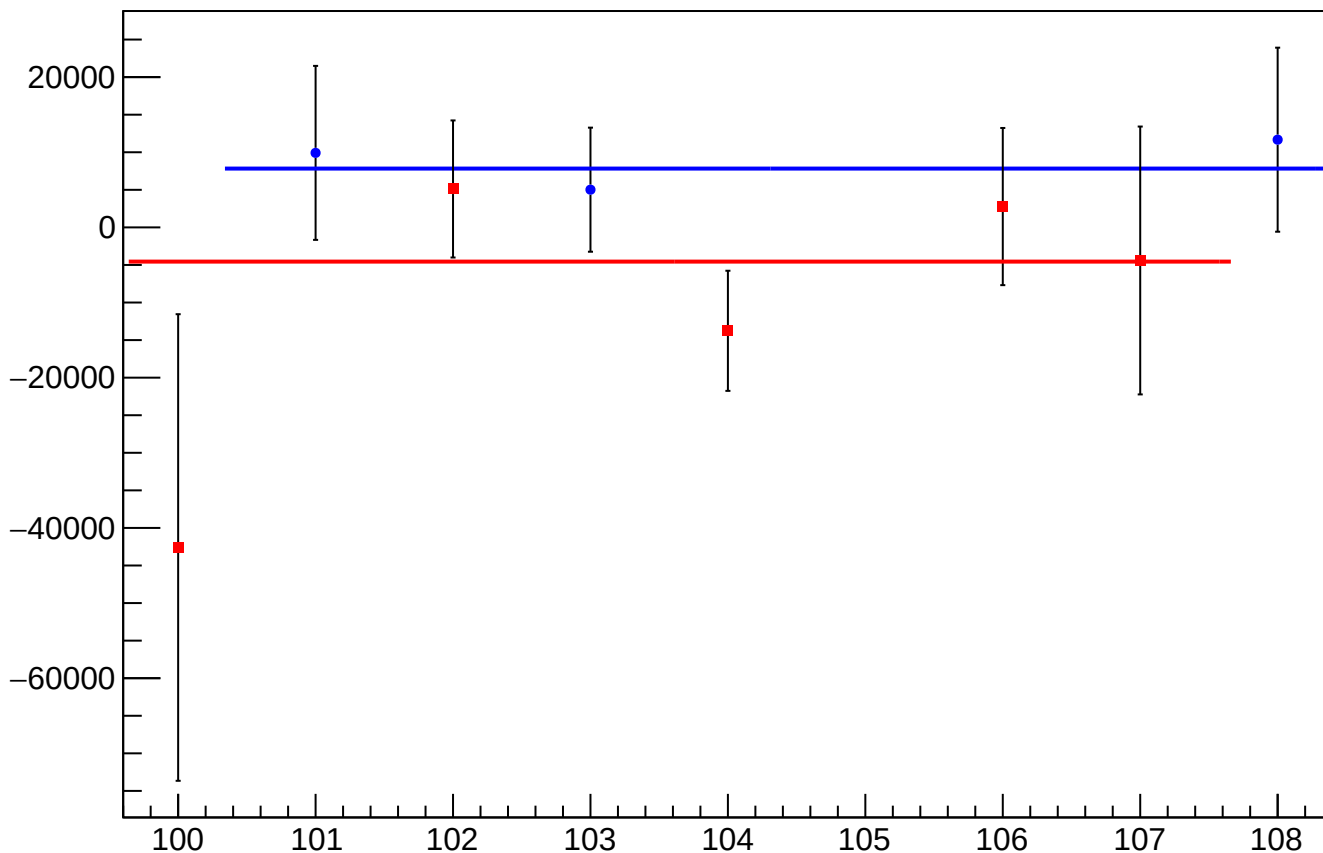
Right: 5935.218+/-2.324 χ^2/NDF : 344936.3/7

In: 6986.659+/-3.904 χ^2/NDF : 71052.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5935.218+/-2.324 χ^2/NDF : 344936.3/7

asym_atl2_mean vs Slug, Sign Corrected



Right In: 7827.694 $\pm$ 5893.320 χ^2 /NDF: 0.2/2

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

Right Out: -4553.489 $\pm$ 4939.073 χ^2 /NDF: 4.4/4

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

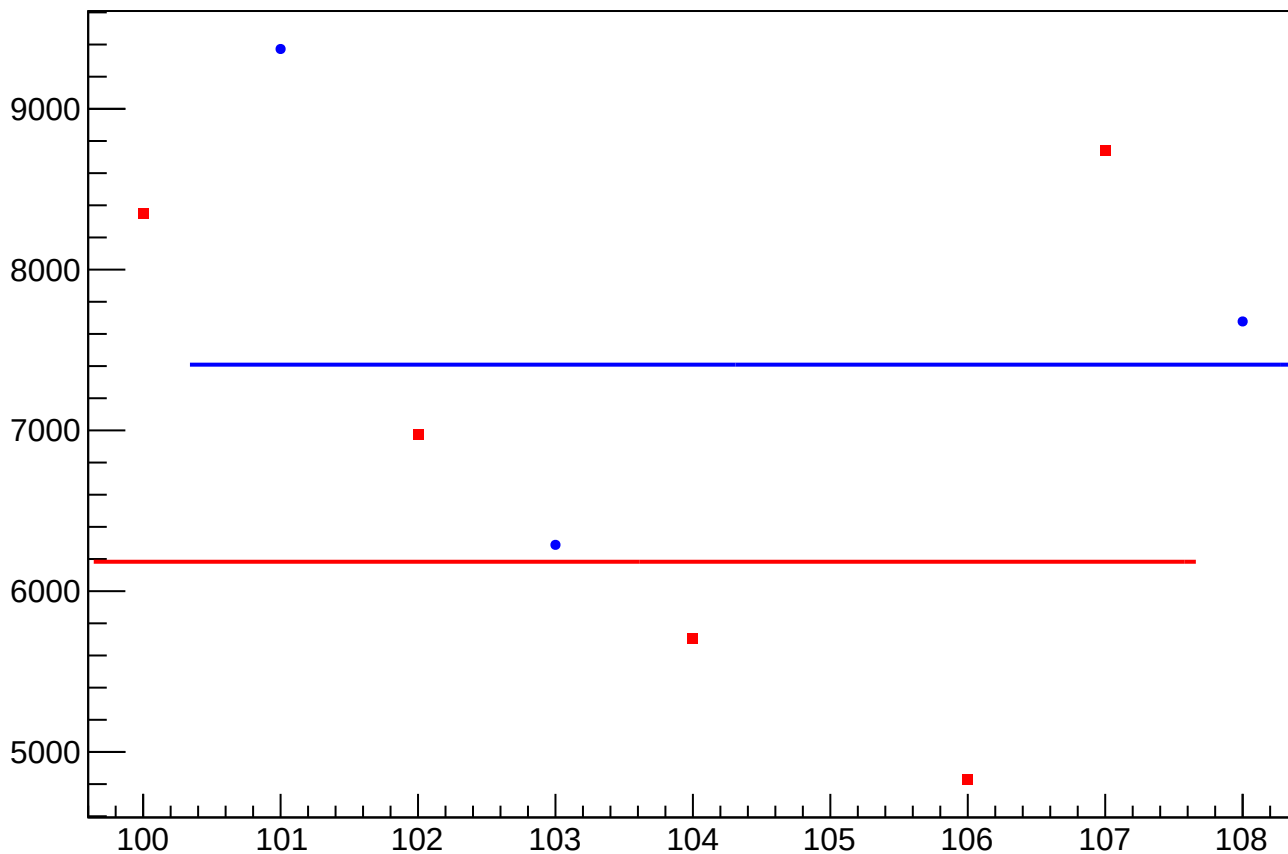
Right: 554.818 $\pm$ 3785.450 χ^2 /NDF: 7.3/7

In: 7827.694 $\pm$ 5893.320 χ^2 /NDF:0.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 554.818 $\pm$ 3785.450 χ^2 /NDF: 7.3/7

asym_atl2_rms vs Slug, Sign Corrected



Right In: 7408.870+/-4.167 χ^2/NDF : 95314.3/2

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

Right Out: 6183.050+/-3.492 χ^2/NDF : 106738.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

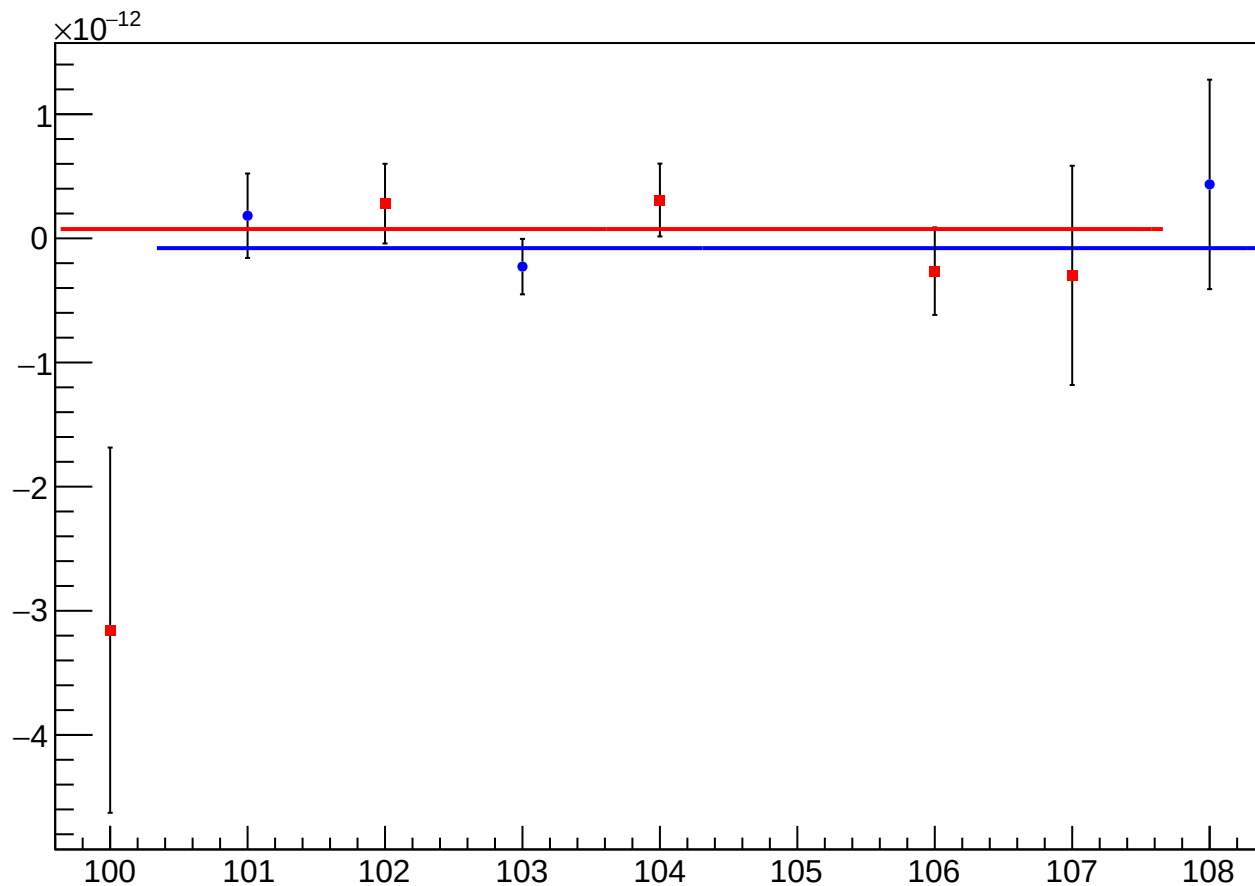
Right: 6688.805+/-2.677 χ^2/NDF : 252882.4/7

In: 7408.870+/-4.167 χ^2/NDF : 95314.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6688.805+/-2.677 χ^2/NDF : 252882.4/7

asym_atl2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.4/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 7.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

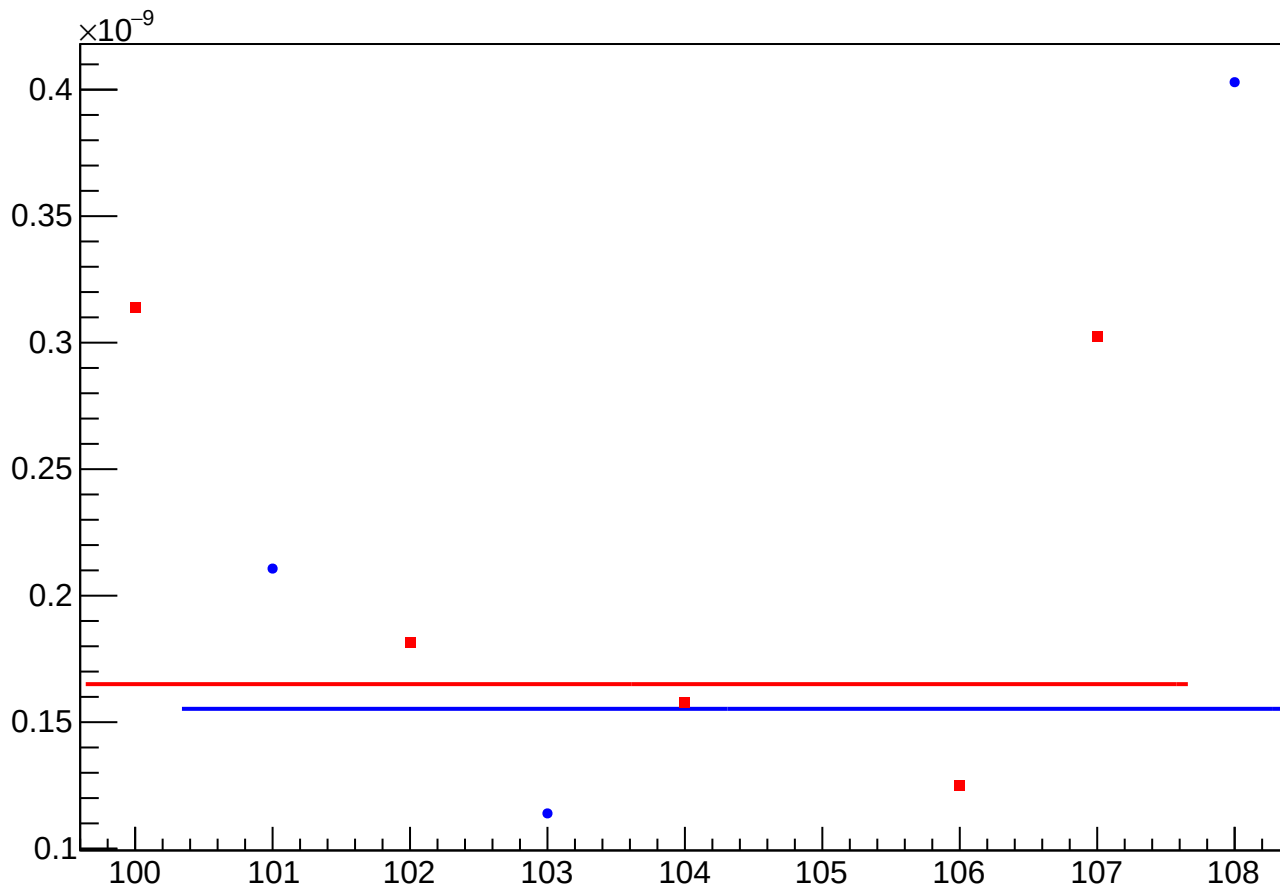
Right: -0.000+/-0.000 χ^2/NDF : 8.7/7

In: -0.000+/-0.000 χ^2/NDF : 1.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.7/7

asym_atl2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 293891.4/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 101242.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

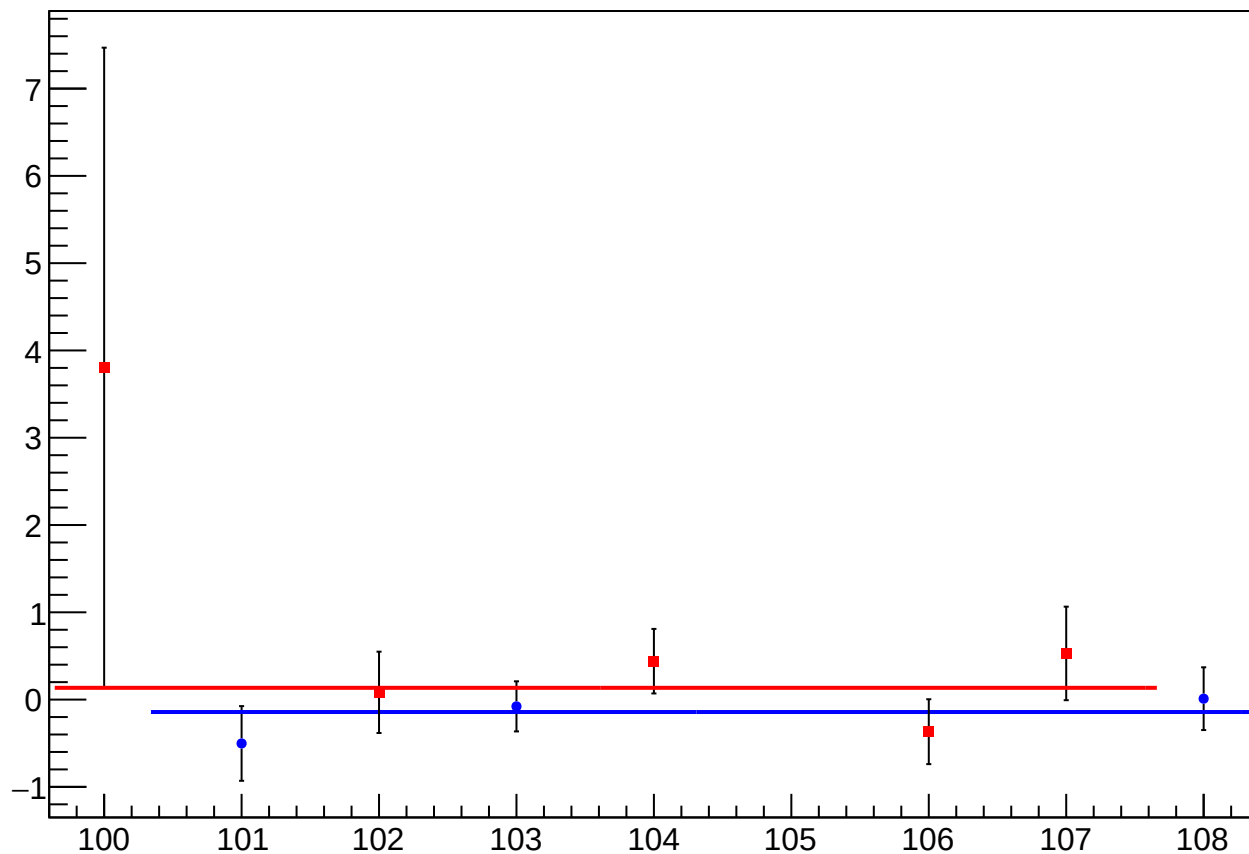
Right: 0.000+/-0.000 χ^2/NDF : 398047.8/7

In: 0.000+/-0.000 χ^2/NDF : 293891.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 398047.8/7

asym_atl2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.142 ± 0.199 χ^2/NDF : 0.9/2

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

Right Out: 0.135 ± 0.210 χ^2/NDF : 4.1/4

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

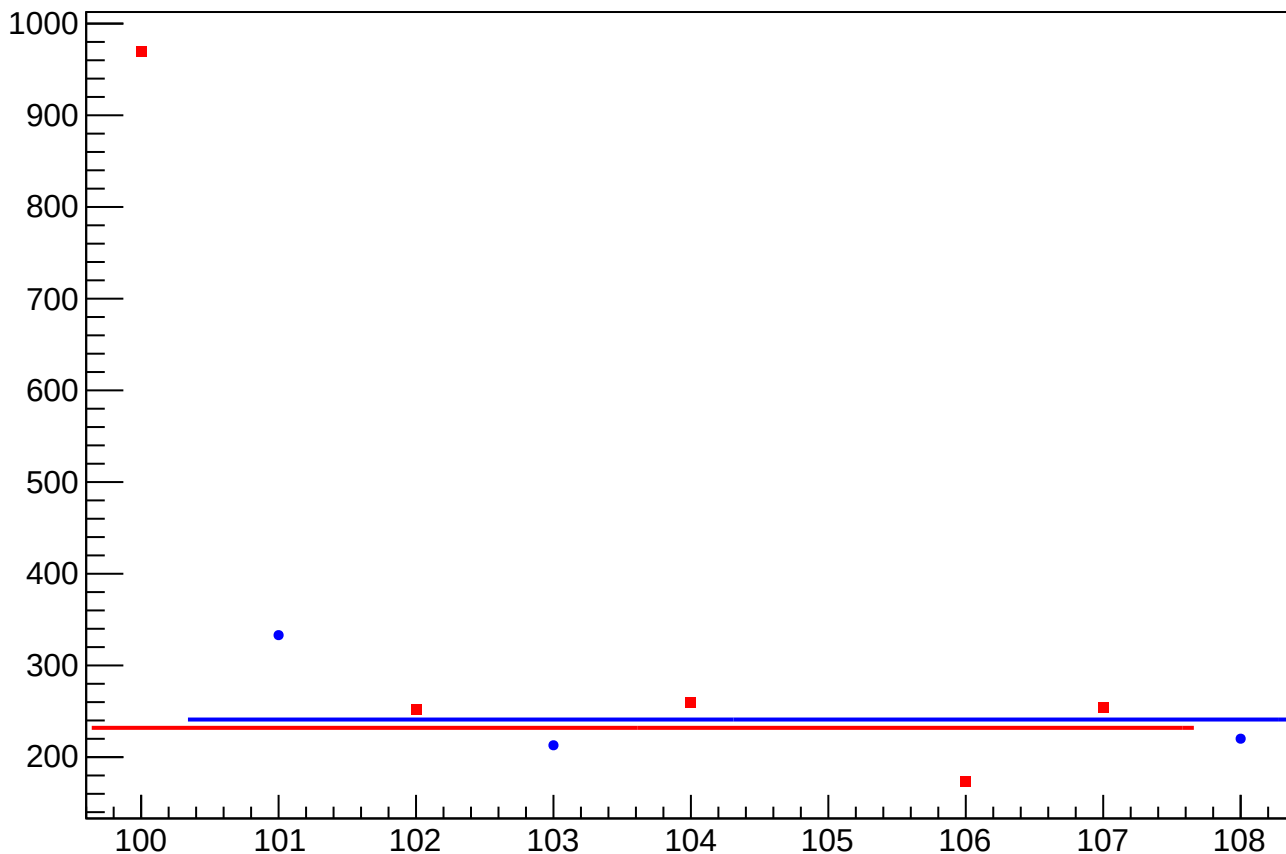
Right: -0.011 ± 0.144 χ^2/NDF : 5.9/7

In: -0.142 ± 0.199 χ^2/NDF : 0.9/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.144 χ^2/NDF : 5.9/7

asym_atl2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 241.019+/-0.140 χ^2/NDF : 118486.8/2

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

Right Out: 231.961+/-0.148 χ^2/NDF : 148756.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

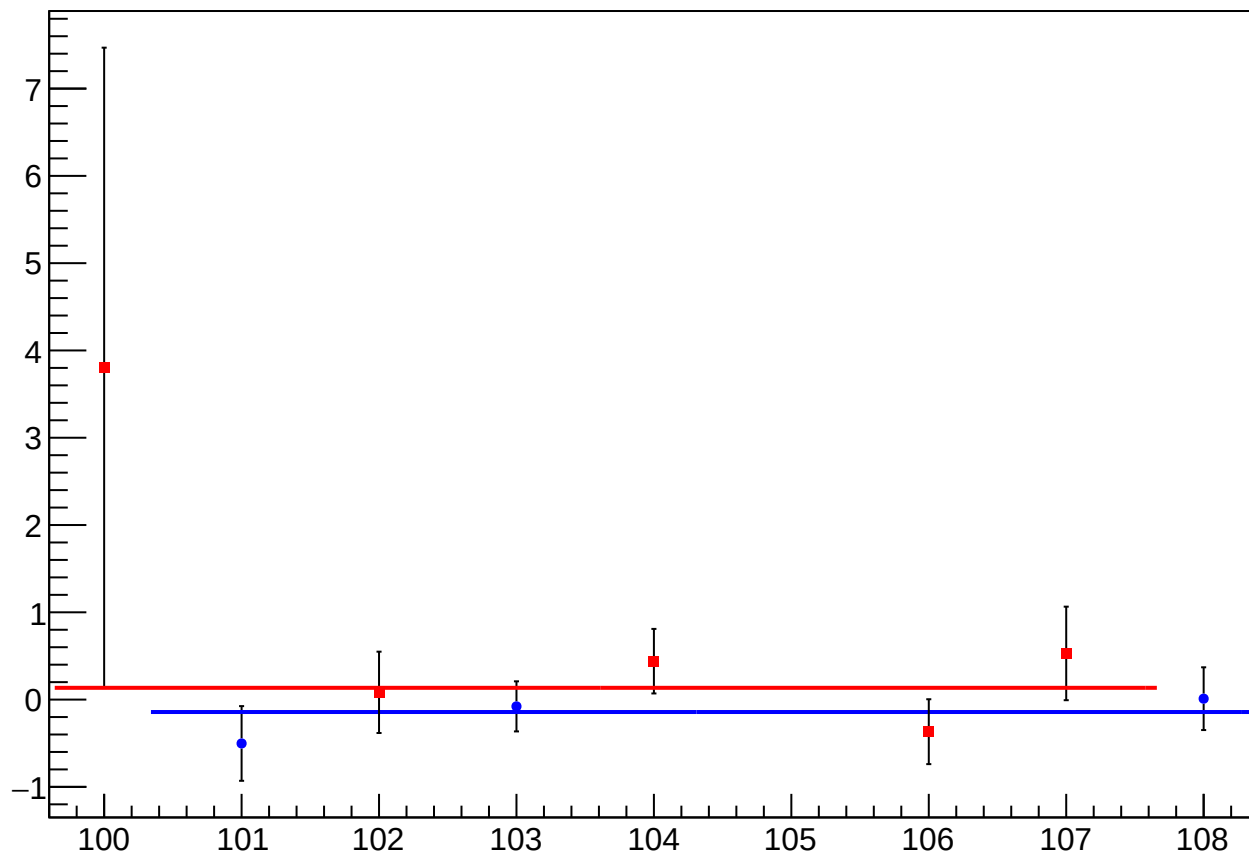
Right: 236.738+/-0.102 χ^2/NDF : 269209.4/7

In: 241.019+/-0.140 χ^2/NDF : 118486.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 236.738+/-0.102 χ^2/NDF : 269209.4/7

asym_atl2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.142 $\pm$ 0.199 χ^2 /NDF: 0.9/2

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

Right Out: 0.135 $\pm$ 0.210 χ^2 /NDF: 4.1/4

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

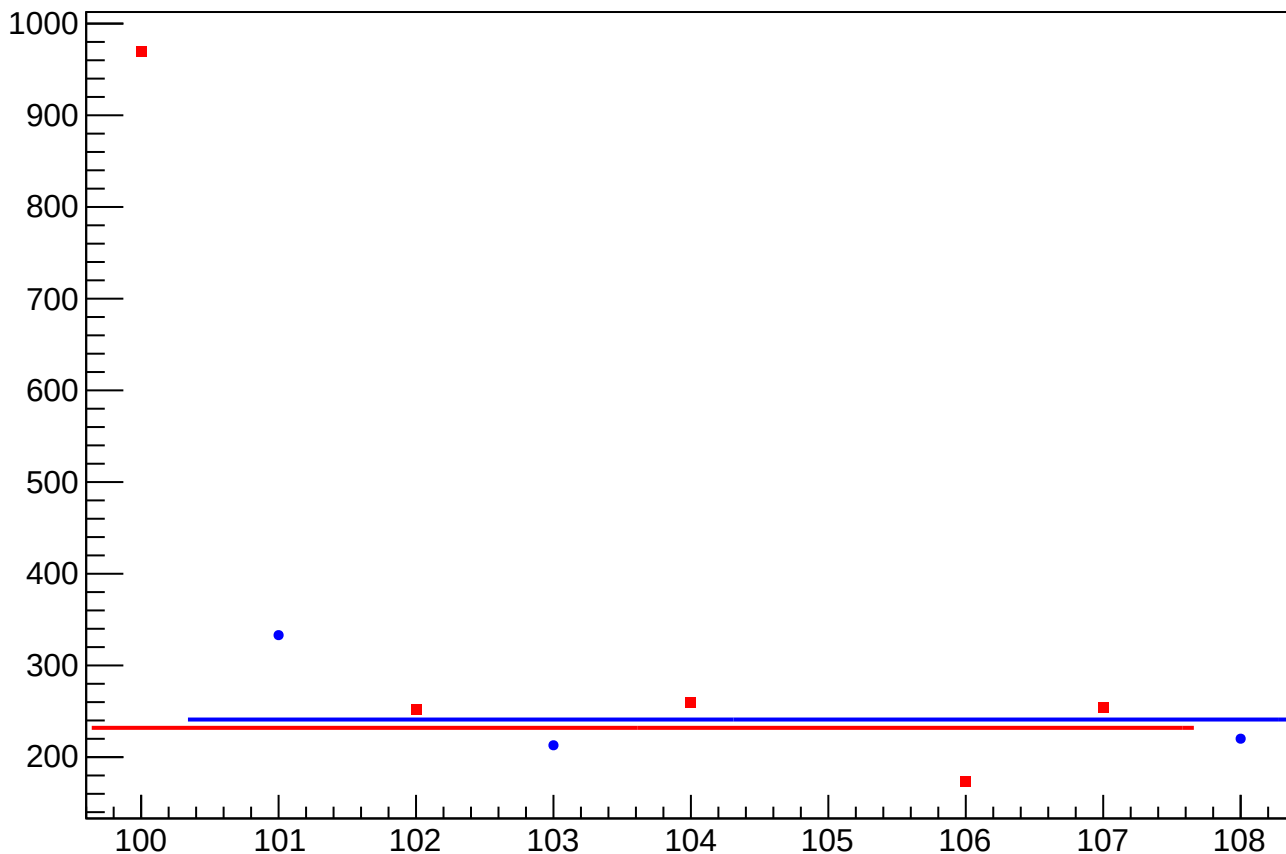
Right: -0.011 $\pm$ 0.144 χ^2 /NDF: 5.9/7

In: -0.142 $\pm$ 0.199 χ^2 /NDF:0.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.011 $\pm$ 0.144 χ^2 /NDF: 5.9/7

asym_atl2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 241.019+/-0.140 χ^2/NDF : 118486.8/2

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

Right Out: 231.961+/-0.148 χ^2/NDF : 148756.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

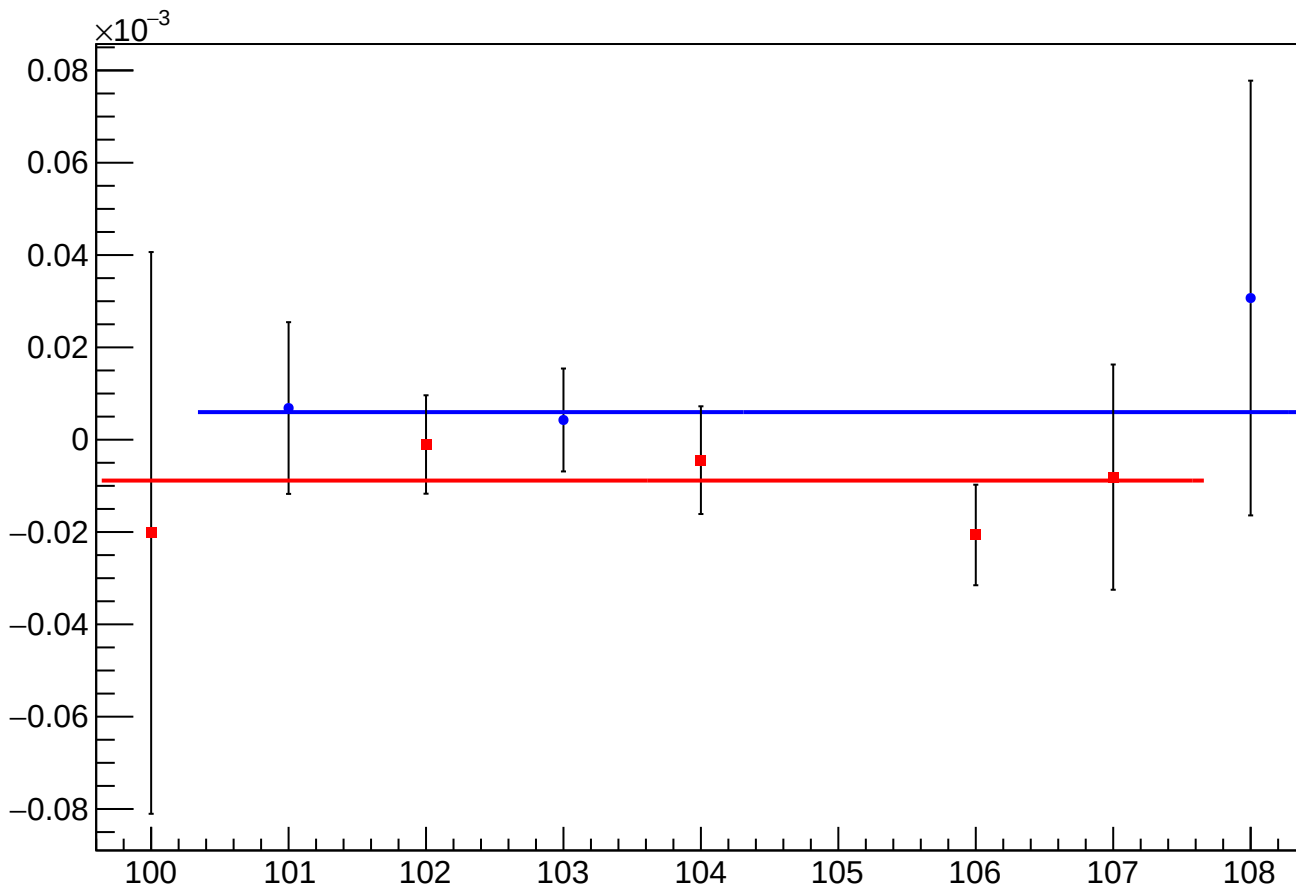
Right: 236.738+/-0.102 χ^2/NDF : 269209.4/7

In: 241.019+/-0.140 χ^2/NDF : 118486.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 236.738+/-0.102 χ^2/NDF : 269209.4/7

asym_atl2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.3/2

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

Right Out: -0.000+/-0.000 χ^2/NDF : 1.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

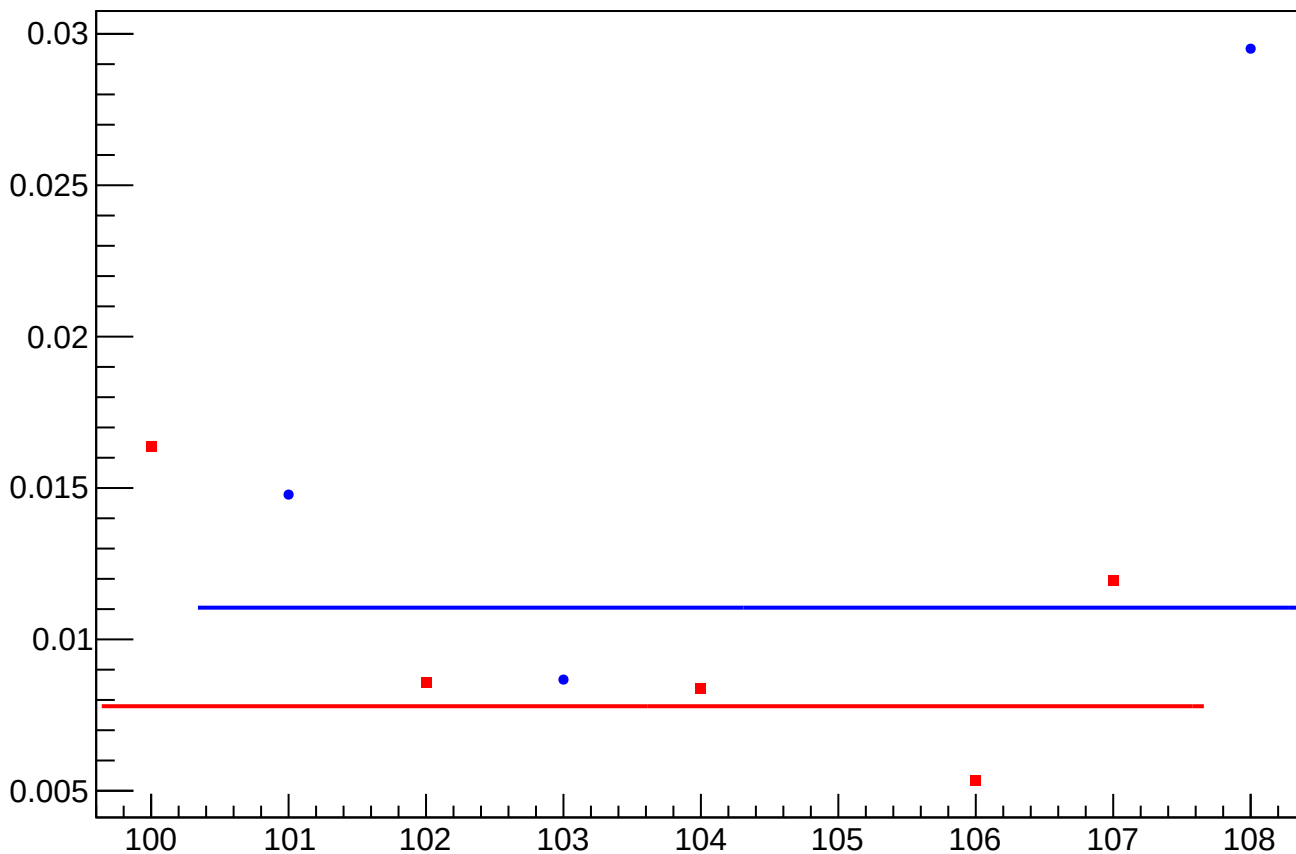
Right: -0.000+/-0.000 χ^2/NDF : 3.9/7

In: 0.000+/-0.000 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.9/7

asym_atl2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 478933.1/2

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

Right Out: 0.008+/-0.000 χ^2/NDF : 216167.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

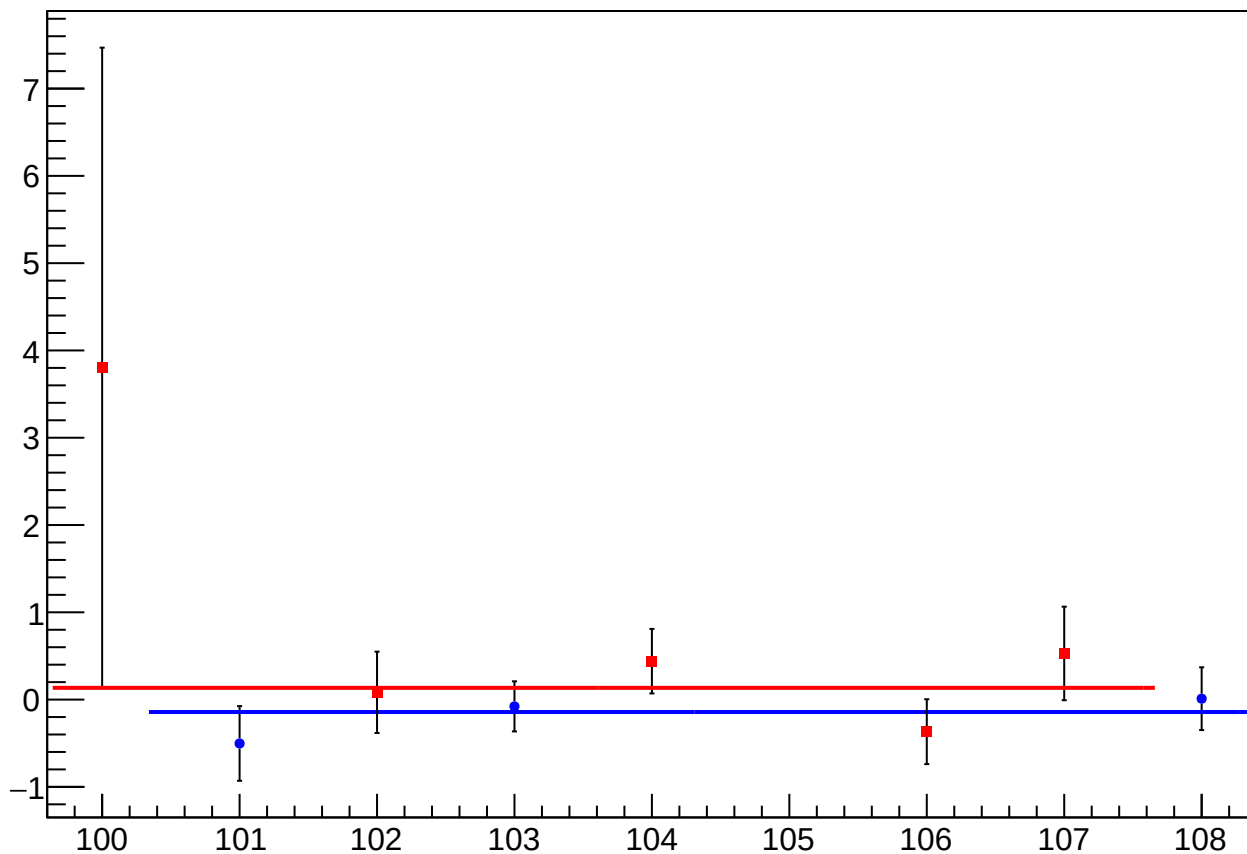
Right: 0.009+/-0.000 χ^2/NDF : 863998.9/7

In: 0.011+/-0.000 χ^2/NDF : 478933.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 863998.9/7

asym_atl2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.142 $\pm$ 0.199 χ^2 /NDF: 0.9/2

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

Right Out: 0.135 $\pm$ 0.210 χ^2 /NDF: 4.1/4

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

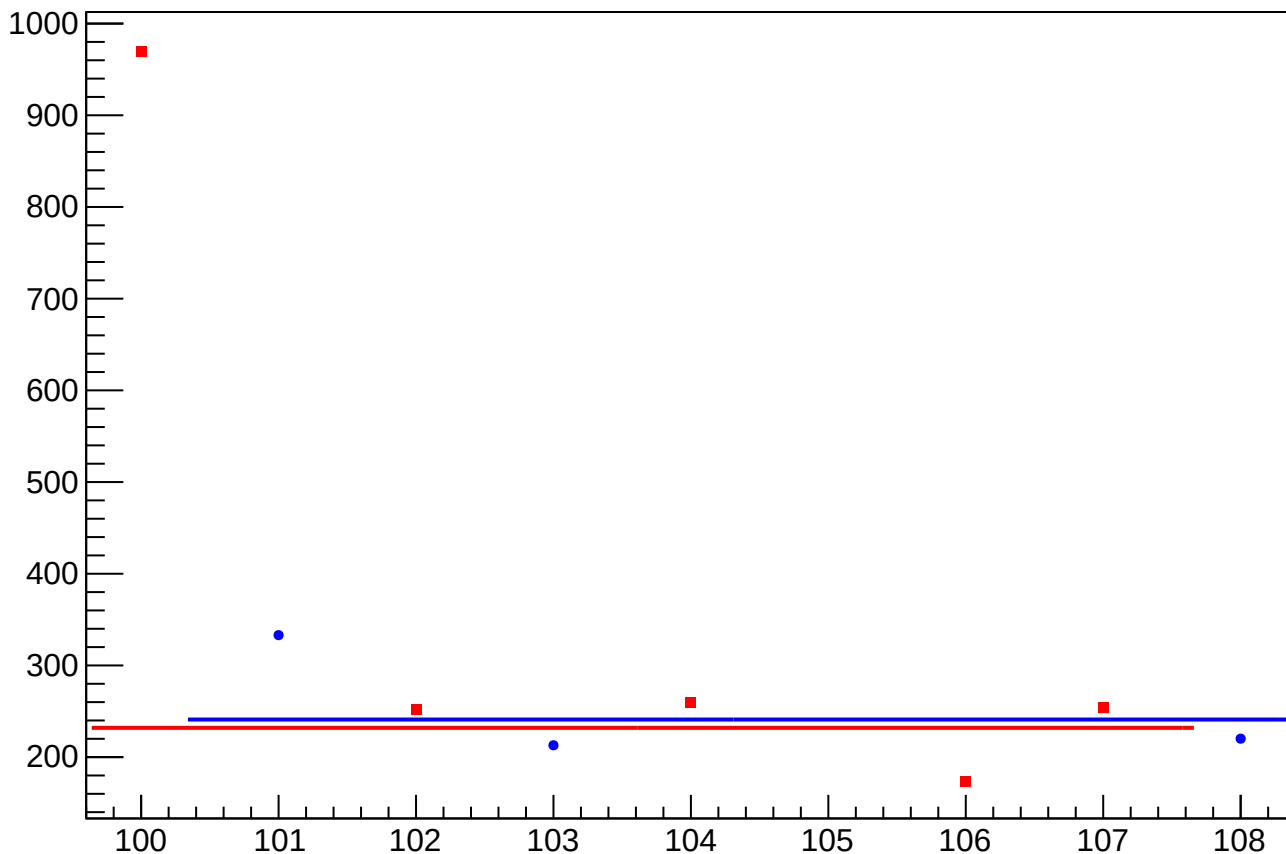
Right: -0.011 $\pm$ 0.144 χ^2 /NDF: 5.9/7

In: -0.142 $\pm$ 0.199 χ^2 /NDF: 0.9/2

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

All: -0.011 $\pm$ 0.144 χ^2 /NDF: 5.9/7

asym_atl2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 241.026+/-0.140 χ^2/NDF : 118460.5/2

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

Right Out: 231.962+/-0.148 χ^2/NDF : 148758.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

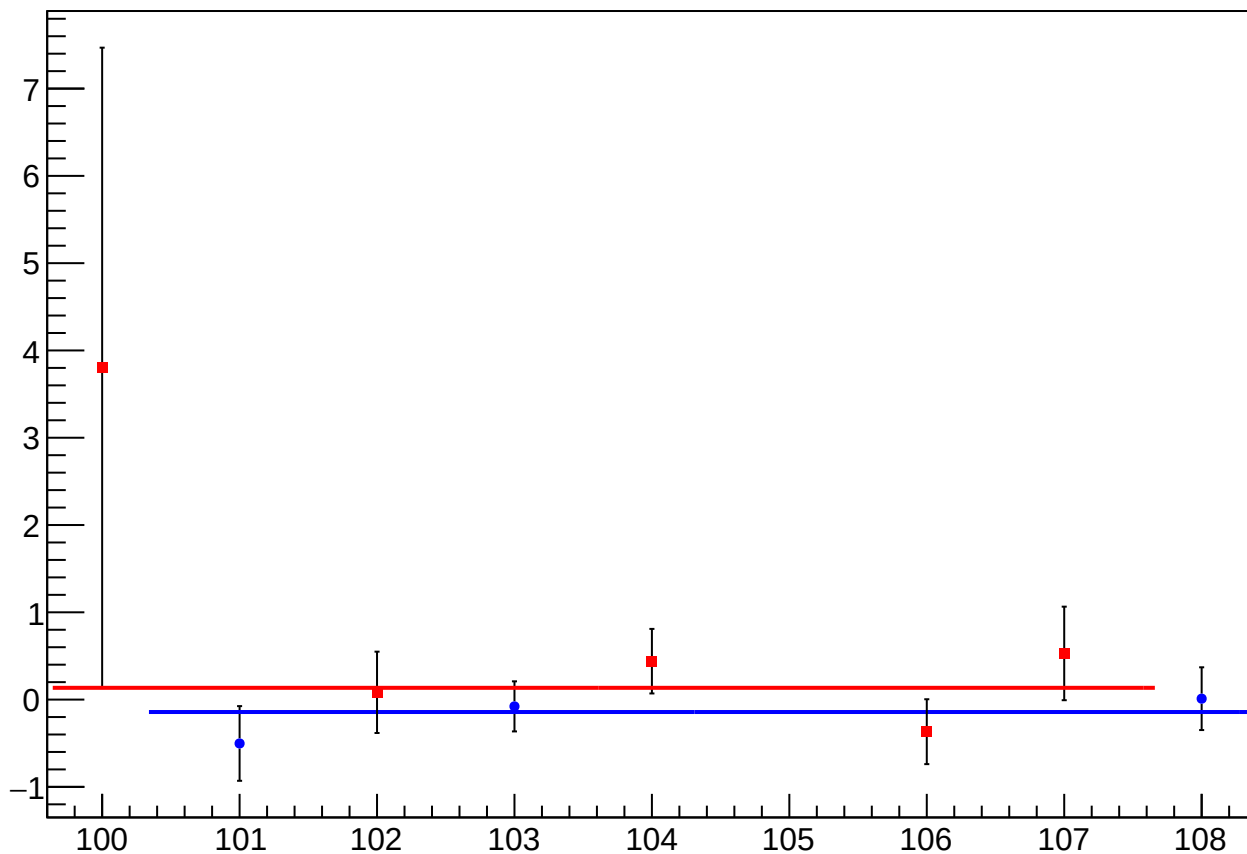
Right: 236.743+/-0.102 χ^2/NDF : 269188.1/7

In: 241.026+/-0.140 χ^2/NDF : 118460.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 236.743+/-0.102 χ^2/NDF : 269188.1/7

asym_atl2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.142 $\pm$ 0.199 χ^2 /NDF: 0.9/2

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

Right Out: 0.135 $\pm$ 0.210 χ^2 /NDF: 4.1/4

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

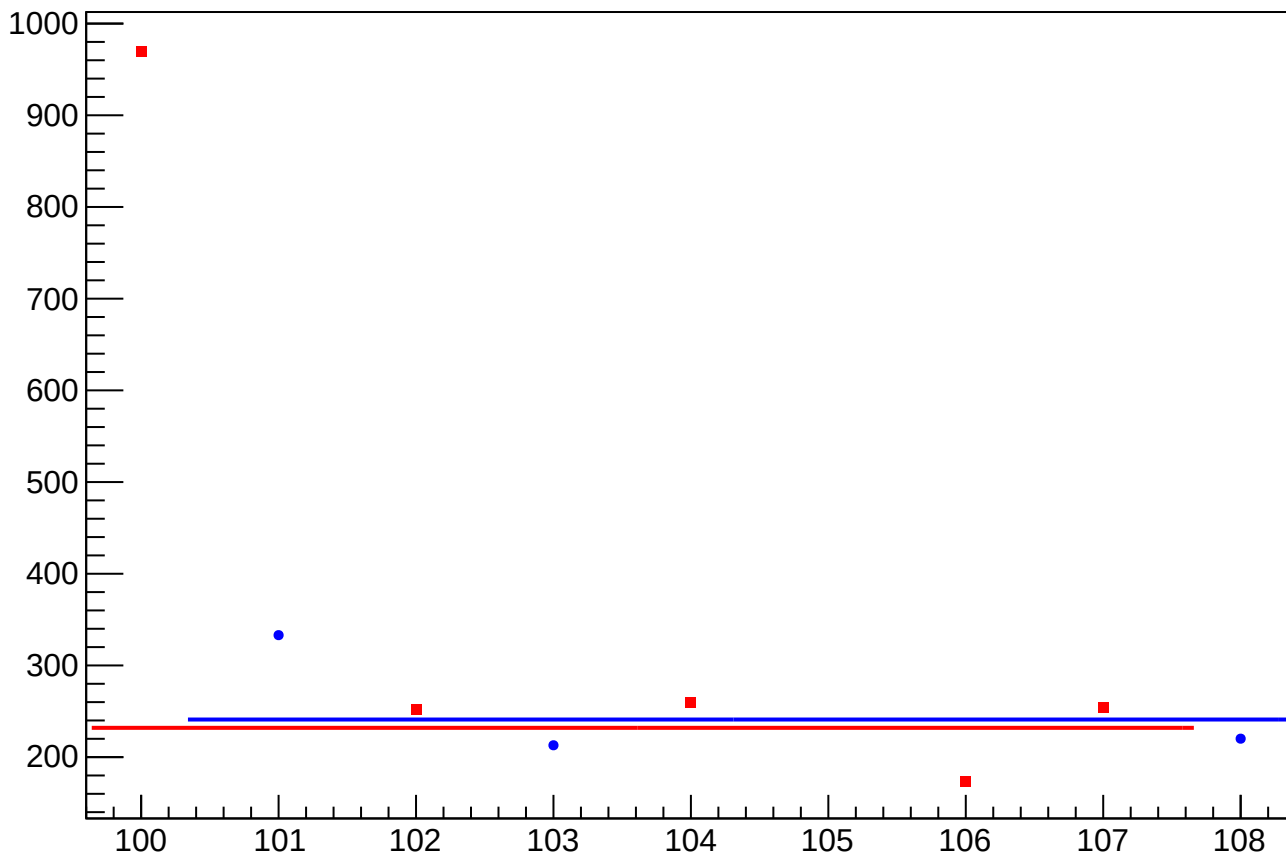
Right: -0.011 $\pm$ 0.144 χ^2 /NDF: 5.9/7

In: -0.142 $\pm$ 0.199 χ^2 /NDF:0.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.011 $\pm$ 0.144 χ^2 /NDF: 5.9/7

asym_atl2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 241.026+/-0.140 χ^2/NDF : 118460.5/2

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

Right Out: 231.962+/-0.148 χ^2/NDF : 148758.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

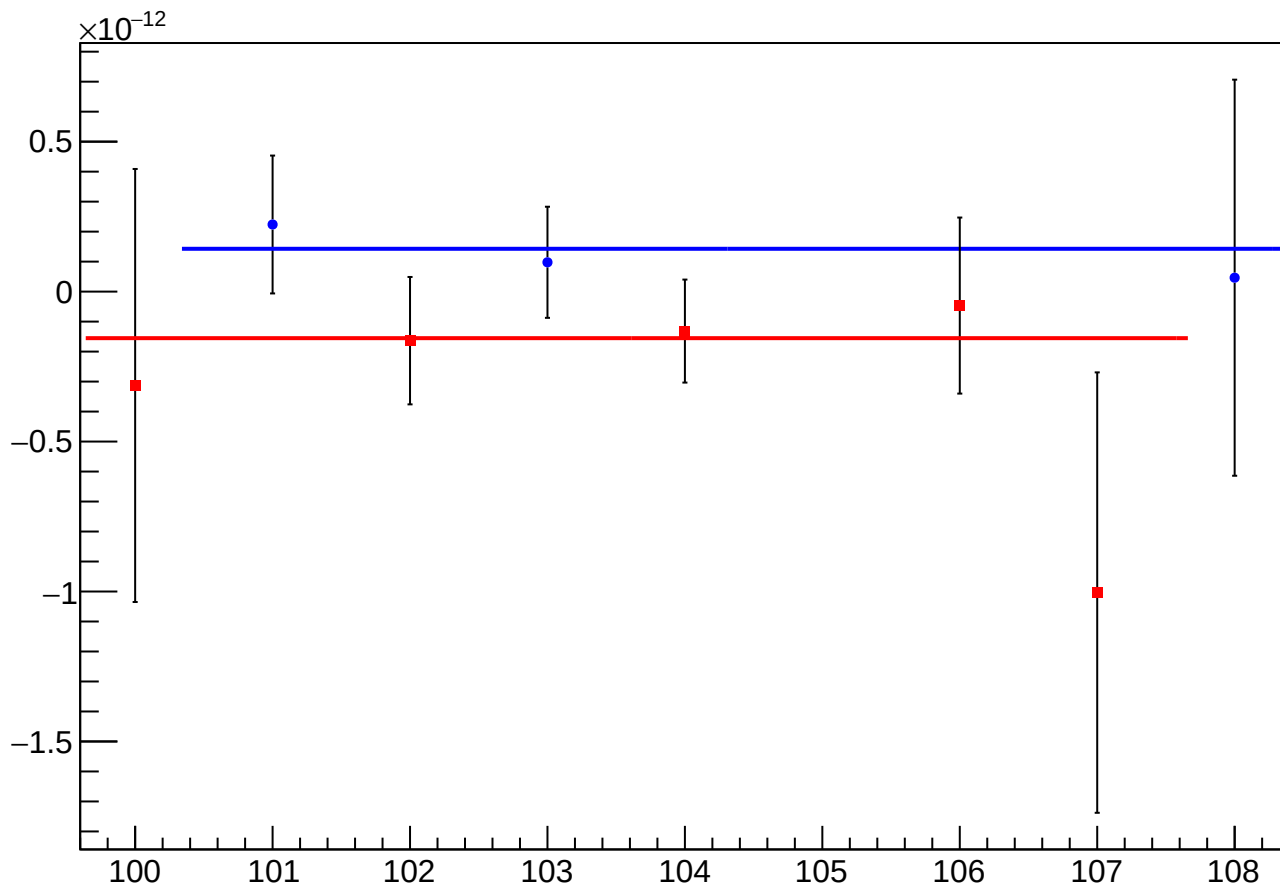
Right: 236.743+/-0.102 χ^2/NDF : 269188.1/7

In: 241.026+/-0.140 χ^2/NDF : 118460.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 236.743+/-0.102 χ^2/NDF : 269188.1/7

asym_atl2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.2/2

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 1.5/4

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

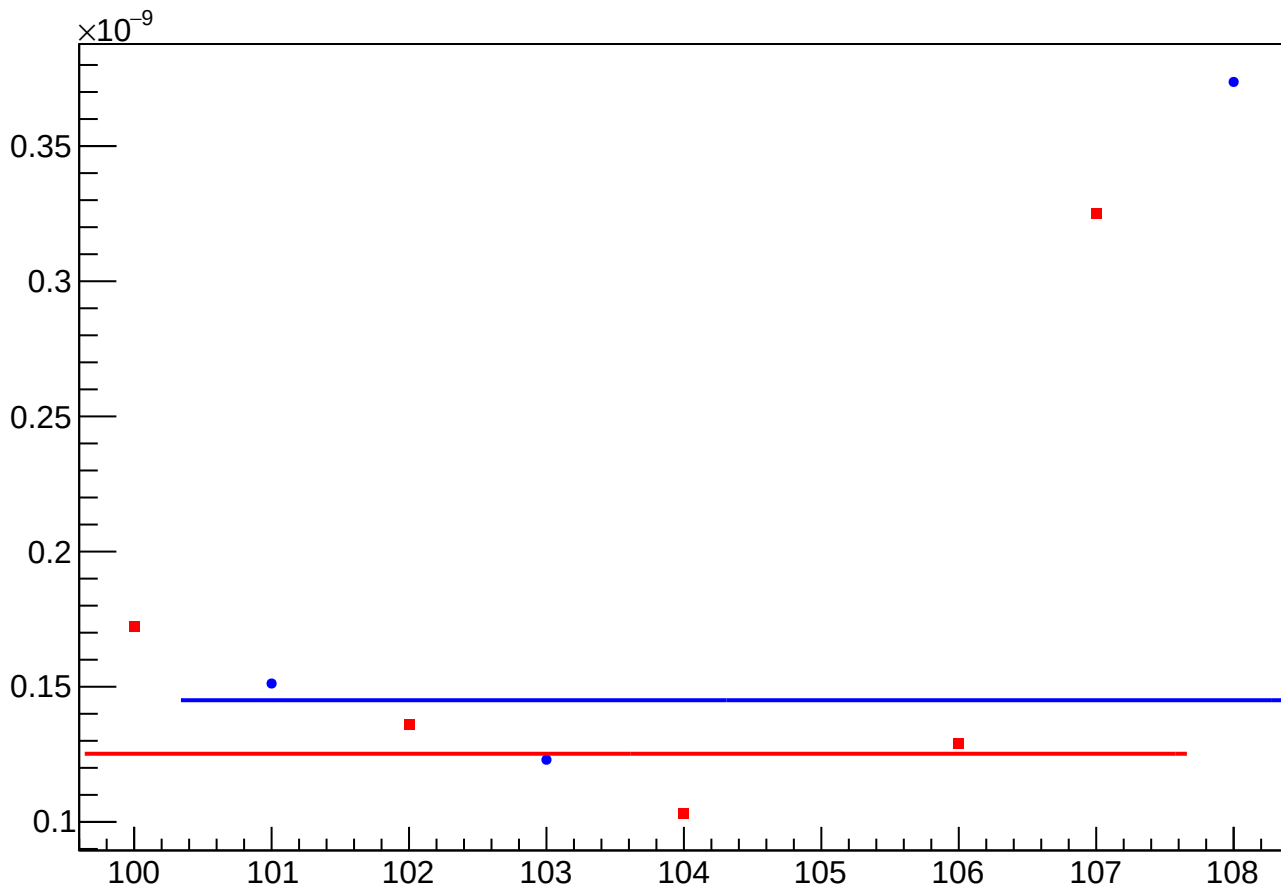
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.4/7

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.2/2

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.4/7

asym_atl2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 269633.6/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 195537.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

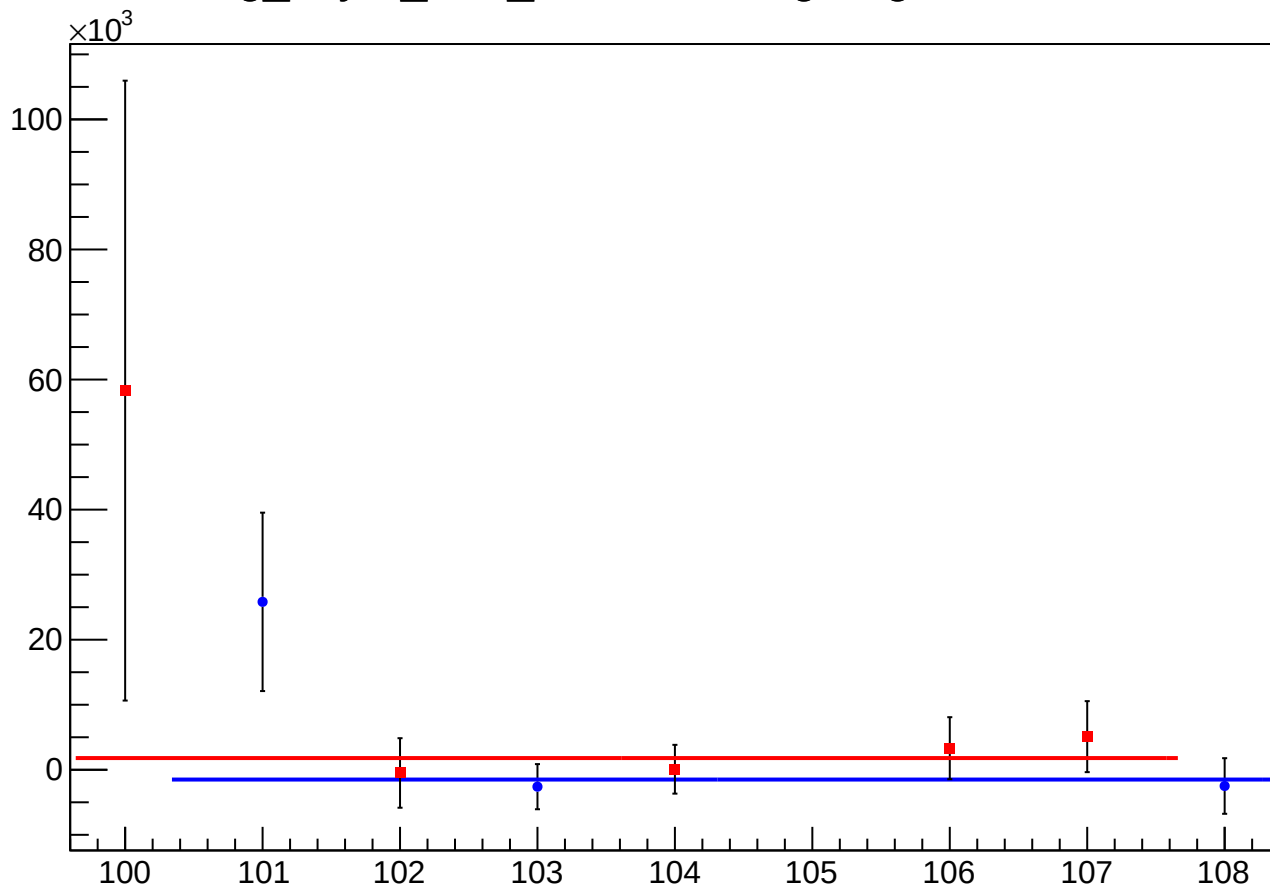
Right: 0.000+/-0.000 χ^2/NDF : 488334.2/7

In: 0.000+/-0.000 χ^2/NDF : 269633.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 488334.2/7

reg_asym_atr1_mean vs Slug, Sign Corrected



Right In: -1502.063 ± 2644.119 $\chi^2/\text{NDF}: 4.1/2$

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

Right Out: 1801.623 ± 2330.798 $\chi^2/\text{NDF}: 2.3/4$

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

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

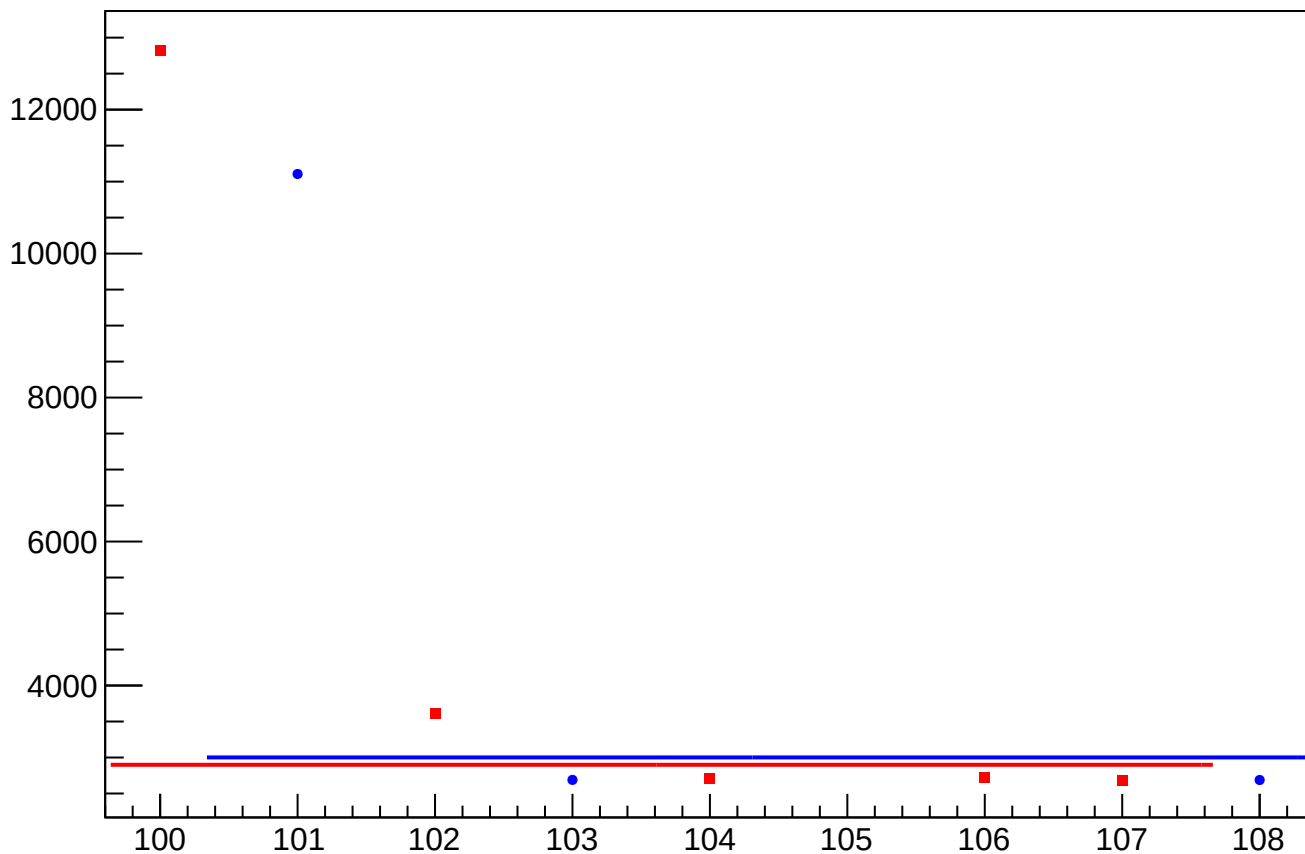
Right: 357.024 ± 1748.458 $\chi^2/\text{NDF}: 7.3/7$

In: -1502.063 ± 2644.119 $\chi^2/\text{NDF}: 4.1/2$

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

All: 357.024 ± 1748.458 $\chi^2/\text{NDF}: 7.3/7$

reg_asym_atr1_rms vs Slug, Sign Corrected



Right In: 3001.243+/-1.870 χ^2/NDF : 725194.7/2

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

Right Out: 2898.873+/-1.648 χ^2/NDF : 133293.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

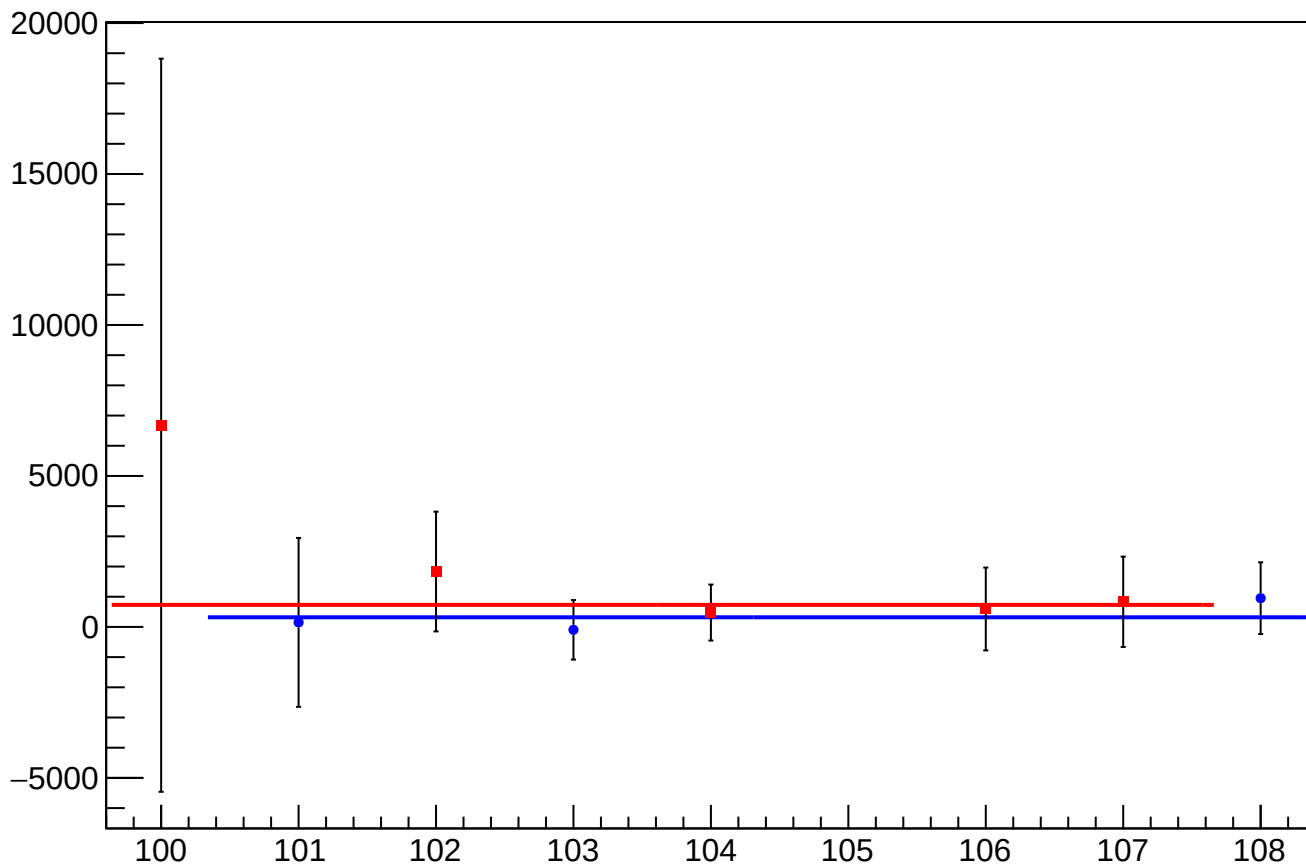
Right: 2943.636+/-1.236 χ^2/NDF : 860175.4/7

In: 3001.243+/-1.870 χ^2/NDF : 725194.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2943.636+/-1.236 χ^2/NDF : 860175.4/7

asym_atr1_reg_correction_mean vs Slug, Sign Corrected



Right In: 319.055+/-731.911 χ^2/NDF : 0.5/2

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

Right Out: 729.652+/-645.083 χ^2/NDF : 0.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

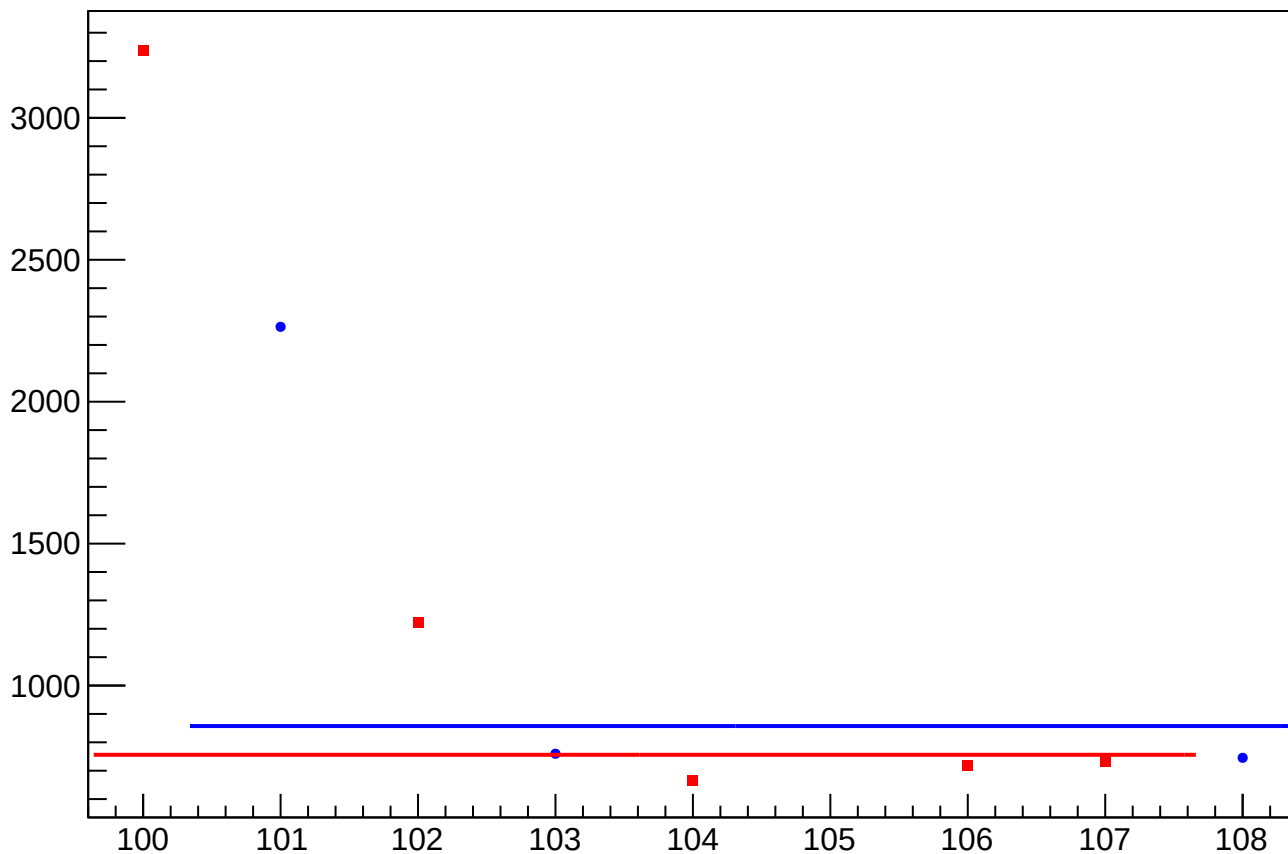
Right: 550.141+/-483.944 χ^2/NDF : 1.3/7

In: 319.055+/-731.911 χ^2/NDF : 0.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 550.141+/-483.944 χ^2/NDF : 1.3/7

asym_atr1_reg_correction_rms vs Slug, Sign Corrected



Right In: 857.283+/-0.518 χ^2/NDF : 543134.3/2

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

Right Out: 756.038+/-0.456 χ^2/NDF : 215329.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

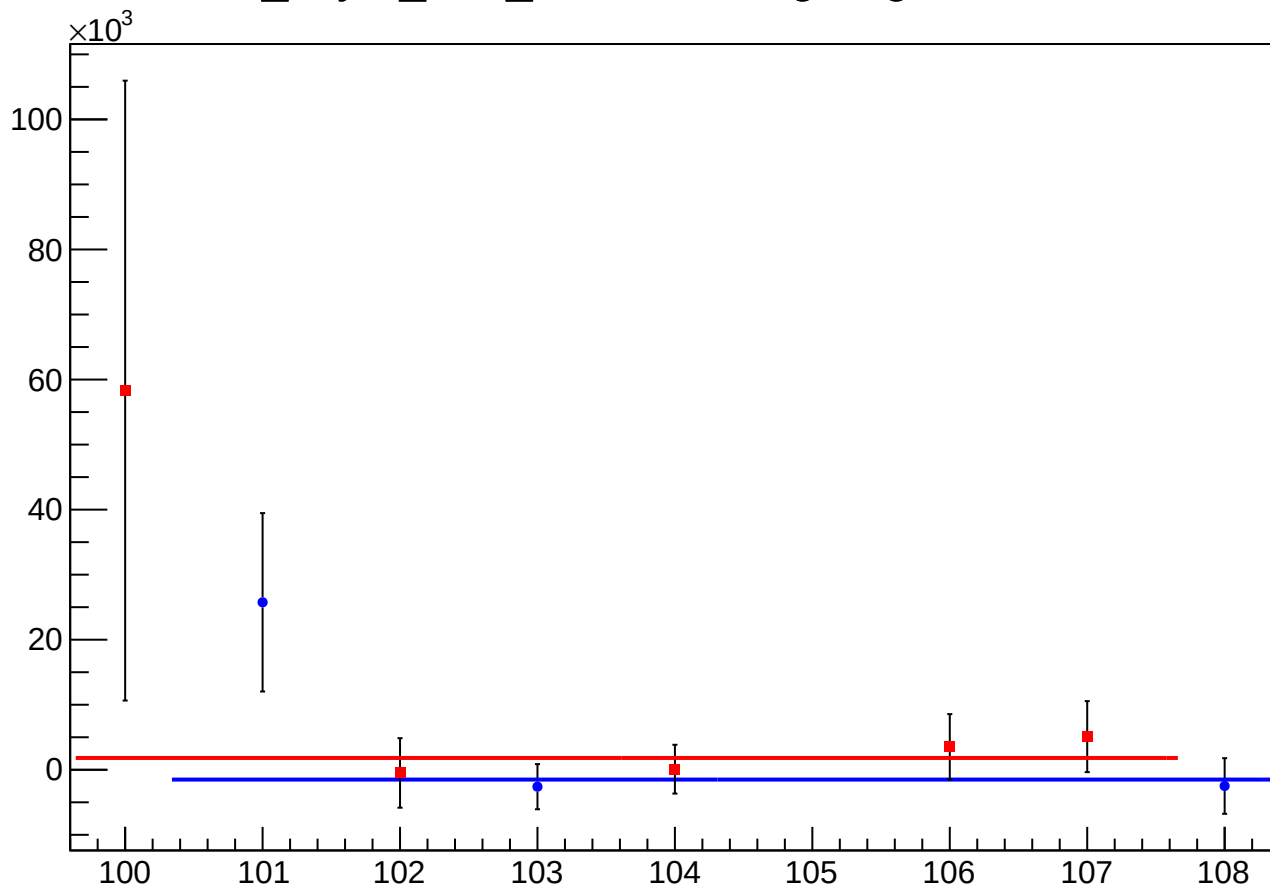
Right: 800.302+/-0.342 χ^2/NDF : 780002.9/7

In: 857.283+/-0.518 χ^2/NDF : 543134.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 800.302+/-0.342 χ^2/NDF : 780002.9/7

cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: -1506.012 ± 2644.121 χ^2/NDF : 4.1/2

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

Right Out: 1818.469 ± 2358.387 χ^2/NDF : 2.3/4

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

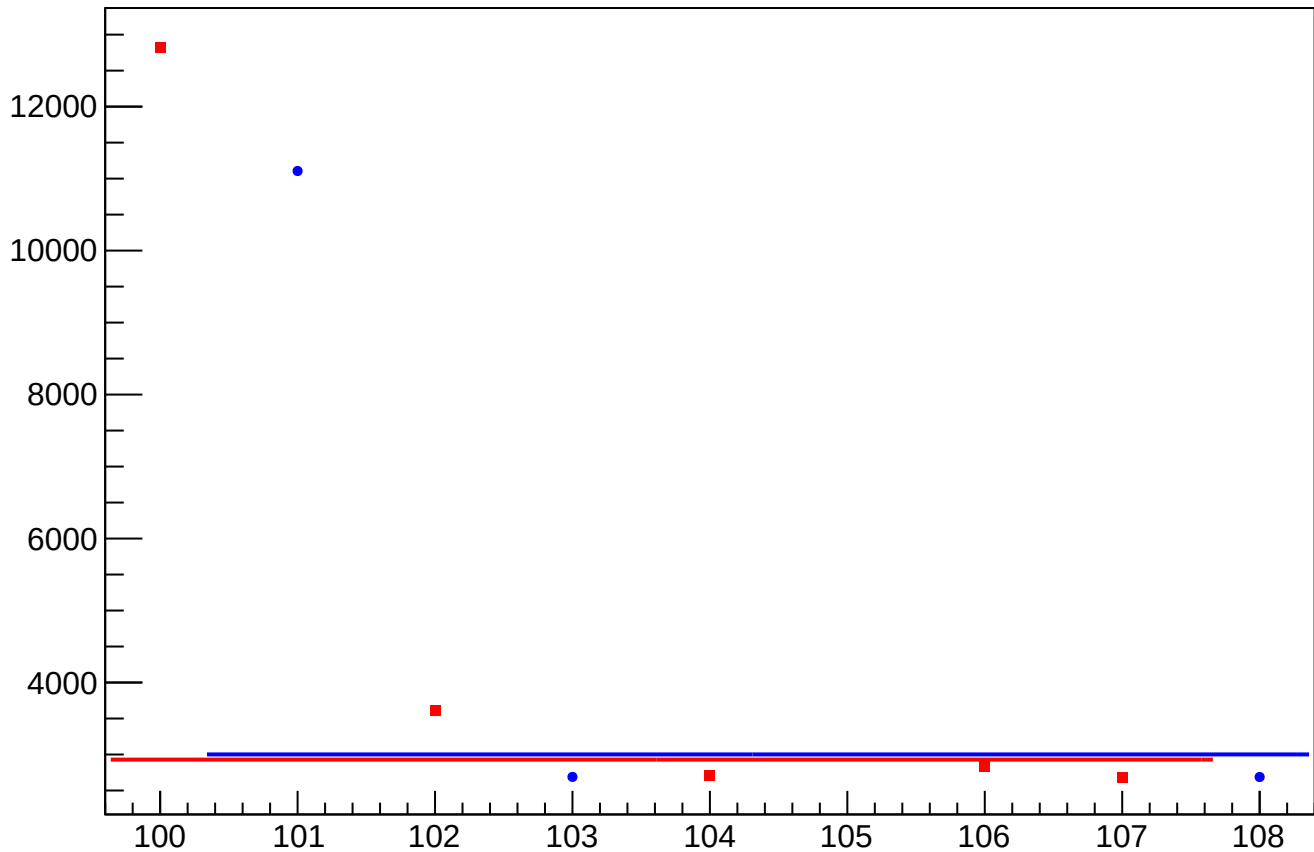
Right: 345.499 ± 1760.015 χ^2/NDF : 7.3/7

In: -1506.012 ± 2644.121 χ^2/NDF : 4.1/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 345.499 ± 1760.015 χ^2/NDF : 7.3/7

cor_asym_atr1_rms vs Slug, Sign Corrected



Right In: 3001.243+/-1.870 χ^2/NDF : 725193.8/2

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

Right Out: 2929.050+/-1.668 χ^2/NDF : 130480.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

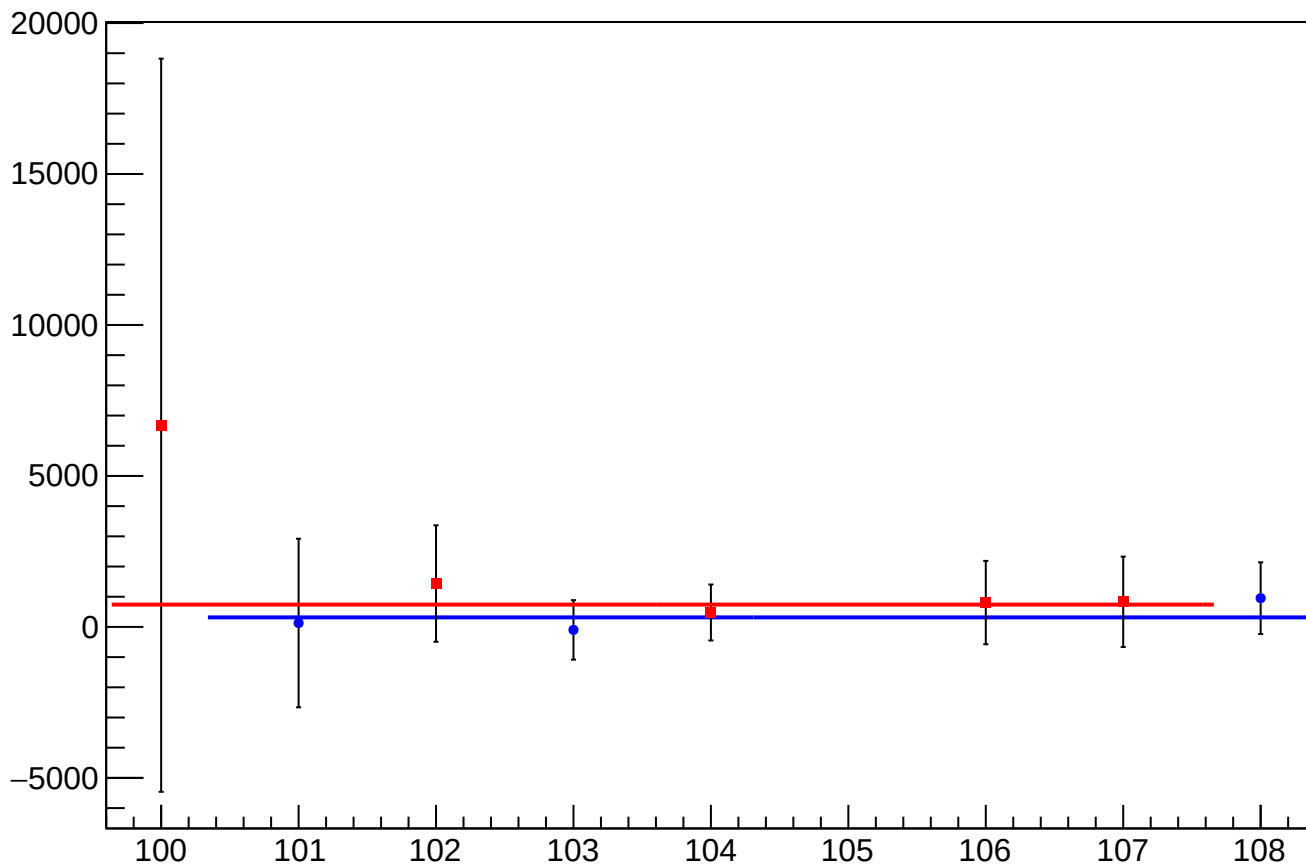
Right: 2961.036+/-1.245 χ^2/NDF : 856504.5/7

In: 3001.243+/-1.870 χ^2/NDF : 725193.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2961.036+/-1.245 χ^2/NDF : 856504.5/7

asym_atr1_cor_correction_mean vs Slug, Sign Corrected



Right In: 315.765+/-731.639 χ^2/NDF : 0.5/2

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

Right Out: 739.018+/-643.848 χ^2/NDF : 0.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

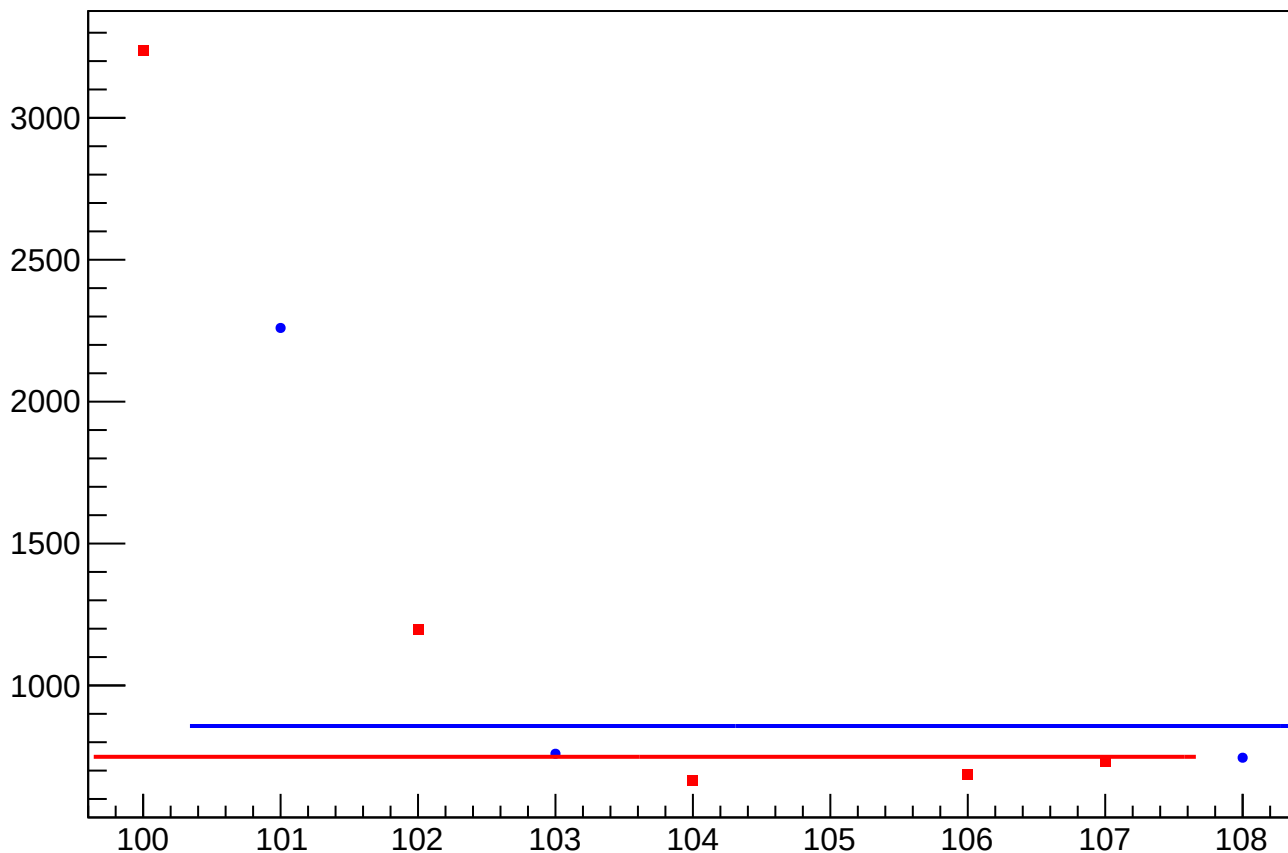
Right: 554.296+/-483.343 χ^2/NDF : 1.1/7

In: 315.765+/-731.639 χ^2/NDF : 0.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 554.296+/-483.343 χ^2/NDF : 1.1/7

asym_atr1_cor_correction_rms vs Slug, Sign Corrected



Right In: 857.125+/-0.517 χ^2/NDF : 542258.0/2

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

Right Out: 748.591+/-0.455 χ^2/NDF : 213679.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

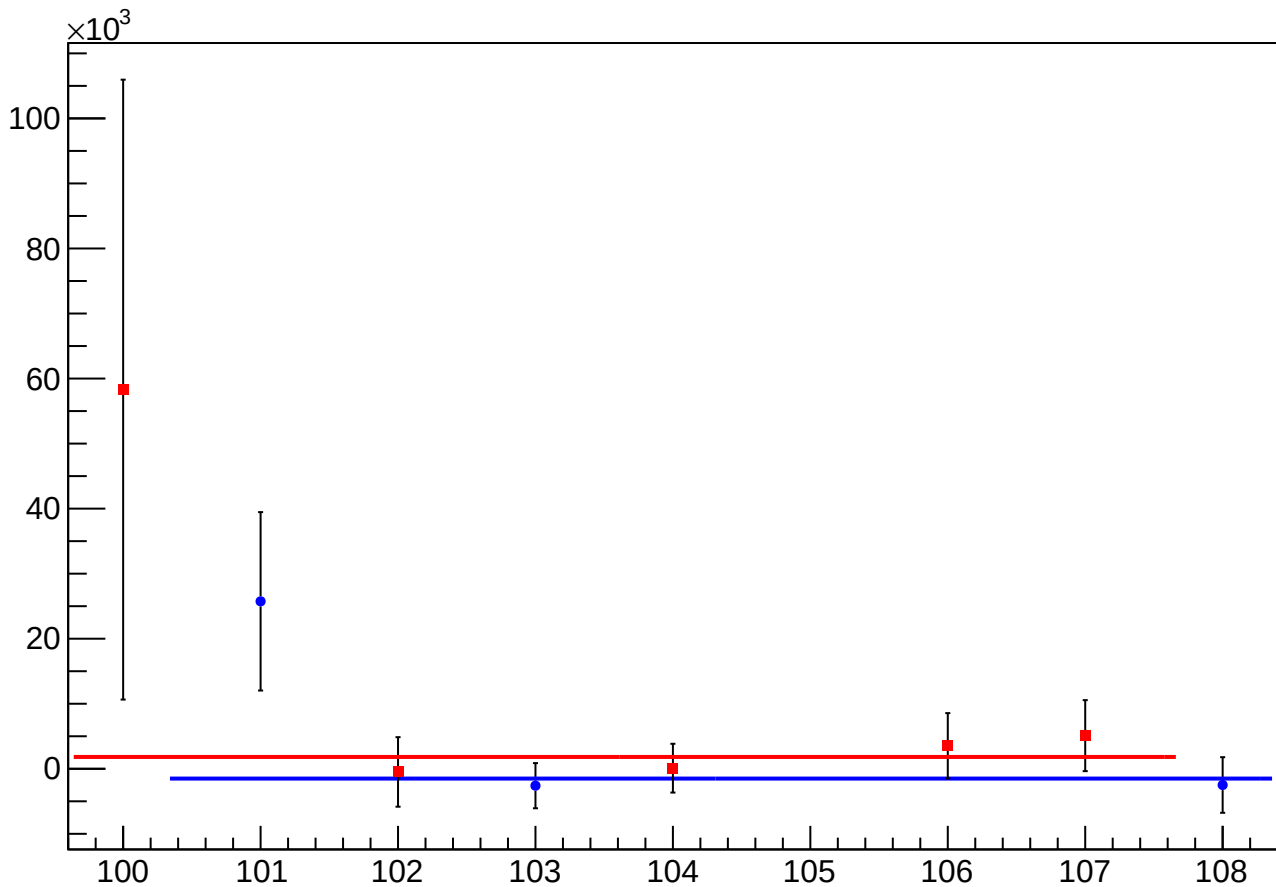
Right: 795.959+/-0.342 χ^2/NDF : 780740.4/7

In: 857.125+/-0.517 χ^2/NDF : 542258.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 795.959+/-0.342 χ^2/NDF : 780740.4/7

eigen_cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: -1506.012 $\pm$ 2644.121 χ^2 /NDF: 4.1/2

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

Right Out: 1818.469 $\pm$ 2358.387 χ^2 /NDF: 2.3/4

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

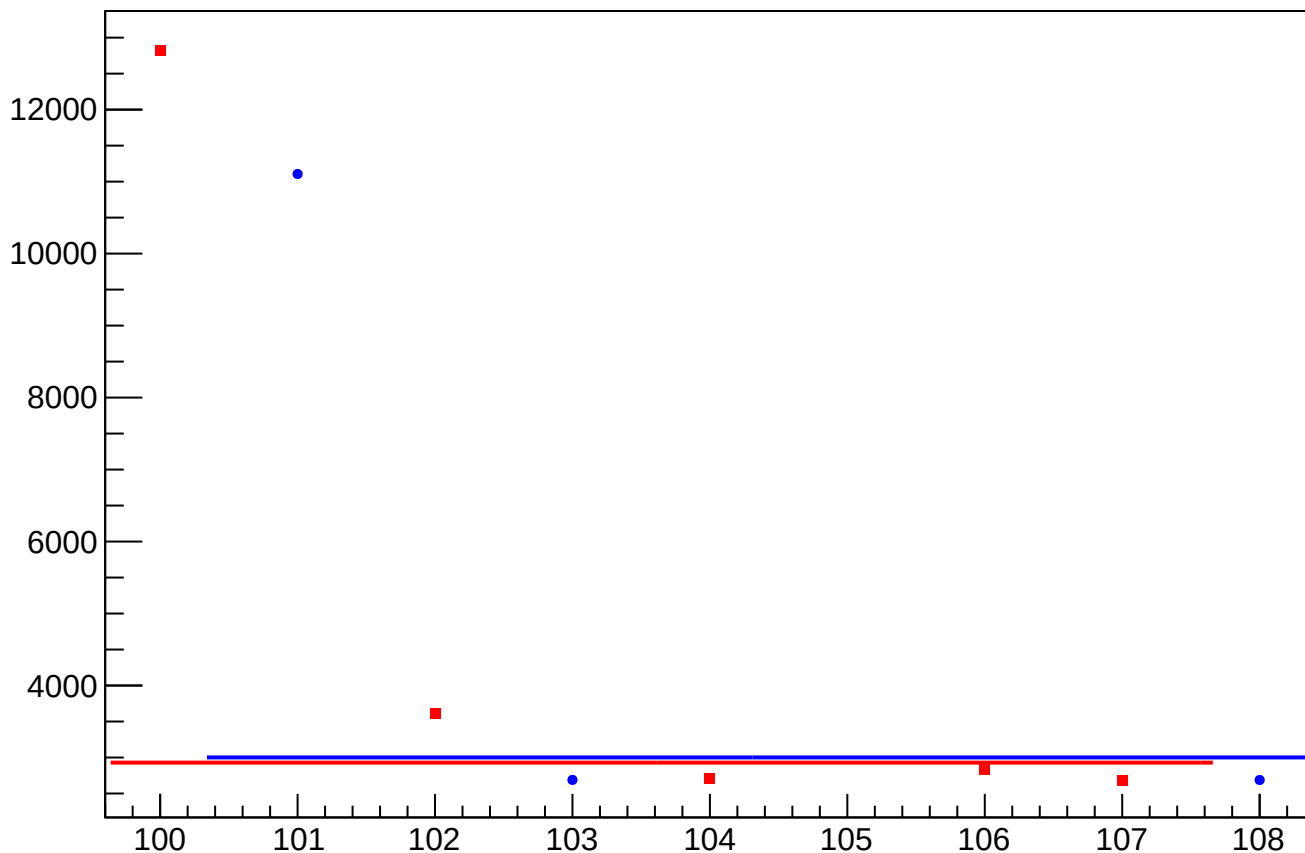
Right: 345.499 $\pm$ 1760.015 χ^2 /NDF: 7.3/7

In: -1506.012 $\pm$ 2644.121 χ^2 /NDF:4.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 345.499 $\pm$ 1760.015 χ^2 /NDF: 7.3/7

eigen_cor_asym_atr1_rms vs Slug, Sign Corrected



Right In: 3001.243+/-1.870 χ^2/NDF : 725193.8/2

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

Right Out: 2929.050+/-1.668 χ^2/NDF : 130480.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

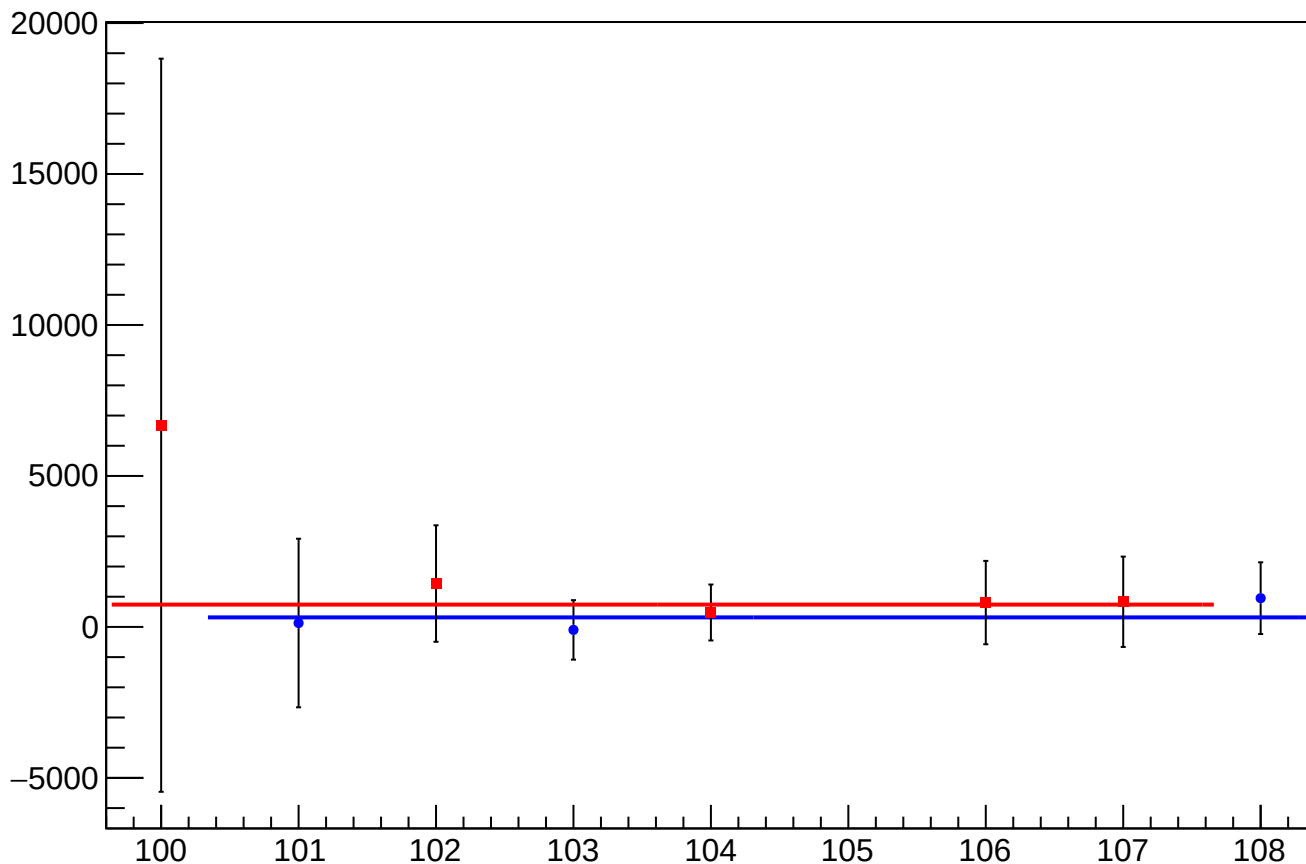
Right: 2961.036+/-1.245 χ^2/NDF : 856504.5/7

In: 3001.243+/-1.870 χ^2/NDF : 725193.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2961.036+/-1.245 χ^2/NDF : 856504.5/7

asym_atr1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 315.765+/-731.639 χ^2/NDF : 0.5/2

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

Right Out: 739.018+/-643.848 χ^2/NDF : 0.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

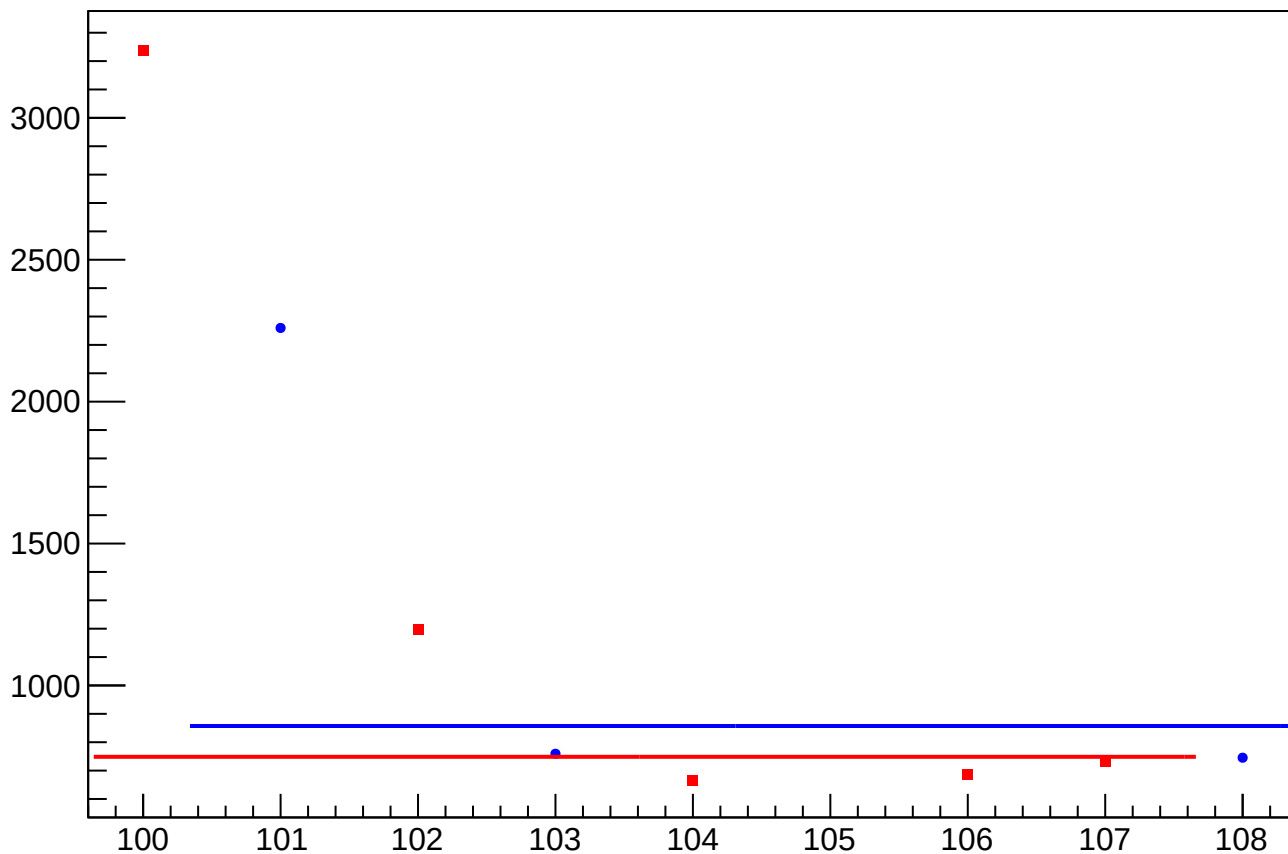
Right: 554.296+/-483.343 χ^2/NDF : 1.1/7

In: 315.765+/-731.639 χ^2/NDF : 0.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 554.296+/-483.343 χ^2/NDF : 1.1/7

asym_atr1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 857.125+/-0.517 χ^2/NDF : 542258.0/2

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

Right Out: 748.591+/-0.455 χ^2/NDF : 213679.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

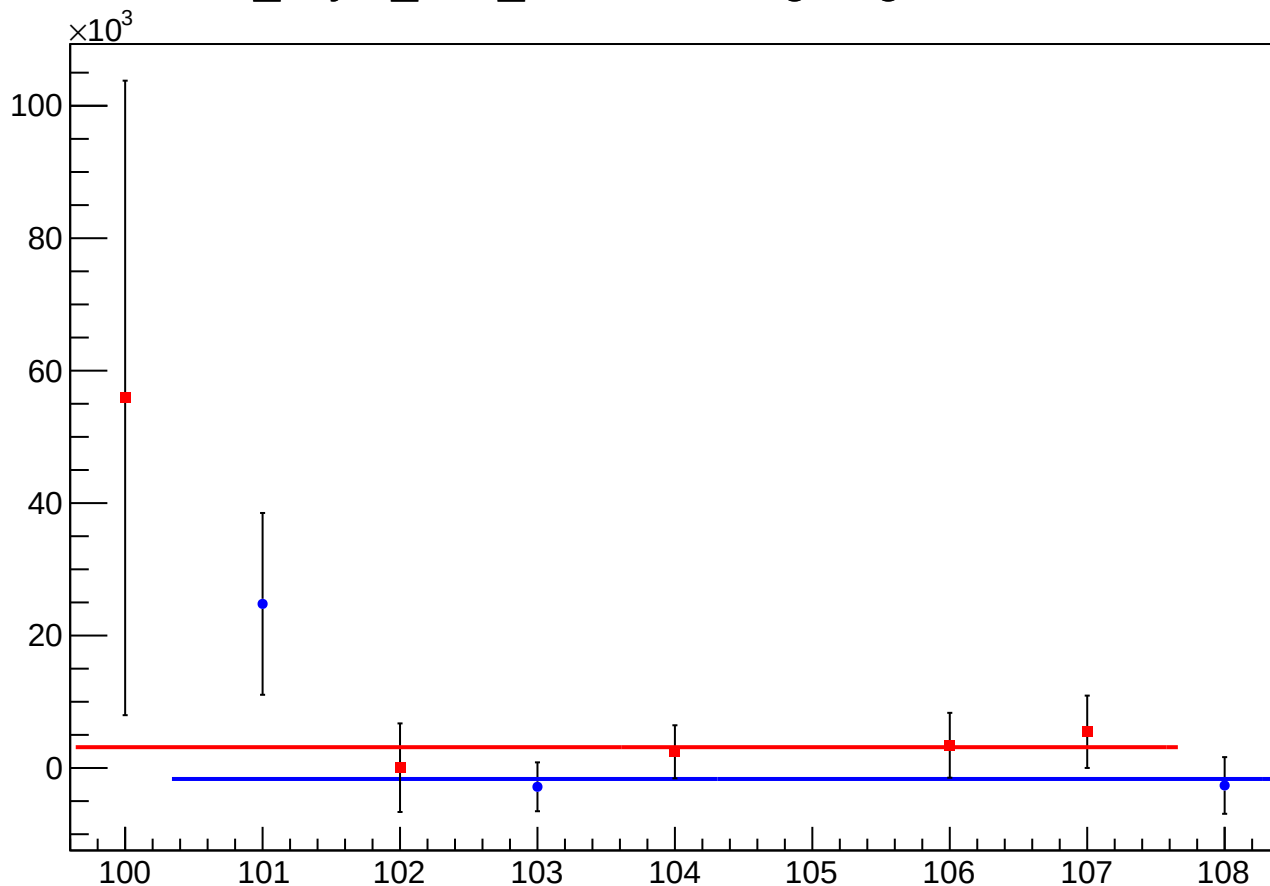
Right: 795.959+/-0.342 χ^2/NDF : 780740.4/7

In: 857.125+/-0.517 χ^2/NDF : 542258.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 795.959+/-0.342 χ^2/NDF : 780740.4/7

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: -1658.087 $\pm$ 2738.143 χ^2 /NDF: 3.9/2

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

Right Out: 3143.073 $\pm$ 2498.417 χ^2 /NDF: 1.6/4

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

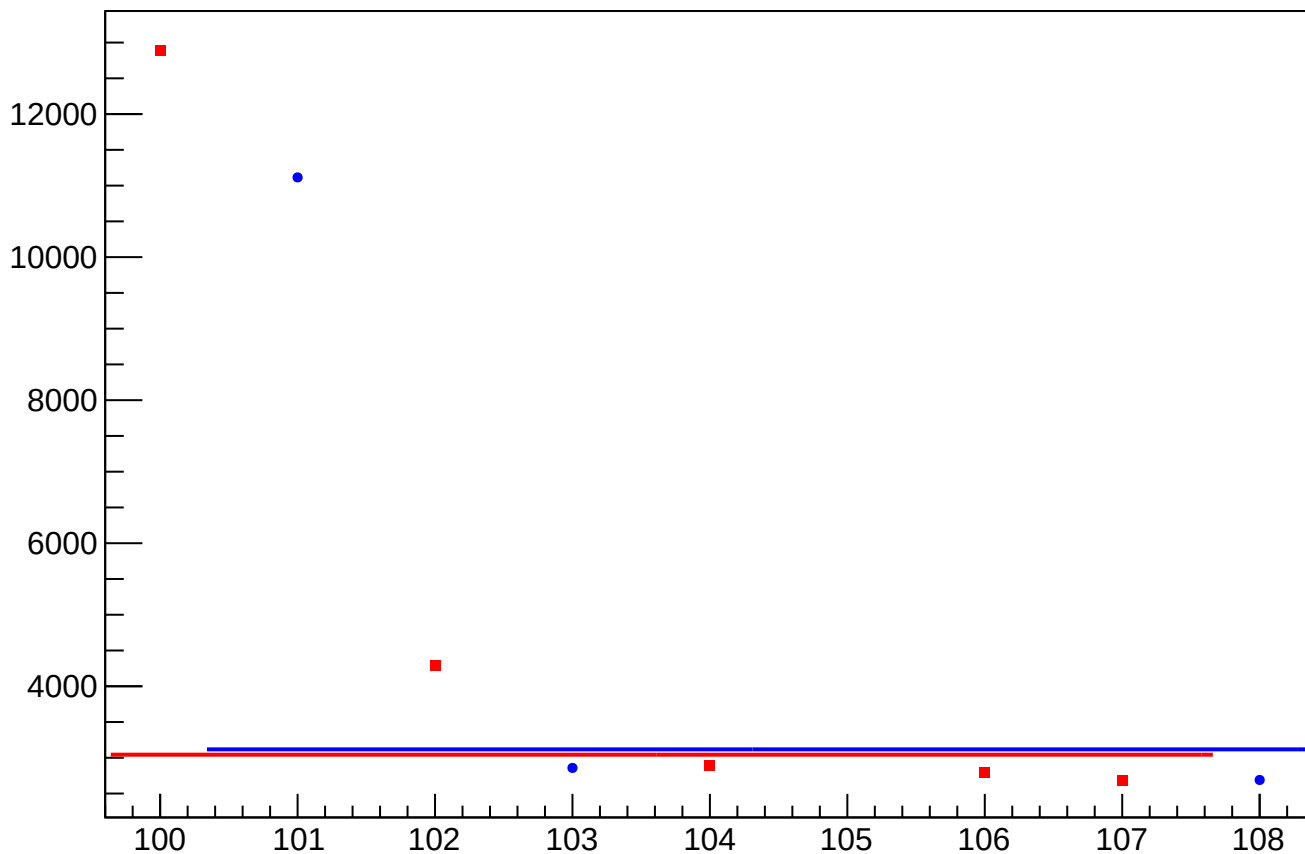
Right: 961.826 $\pm$ 1845.591 χ^2 /NDF: 7.2/7

In: -1658.087 $\pm$ 2738.143 χ^2 /NDF: 3.9/2

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

All: 961.826 $\pm$ 1845.591 χ^2 /NDF: 7.2/7

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 3117.828+/-1.936 χ^2/NDF : 708627.8/2

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

Right Out: 3043.405+/-1.767 χ^2/NDF : 171877.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

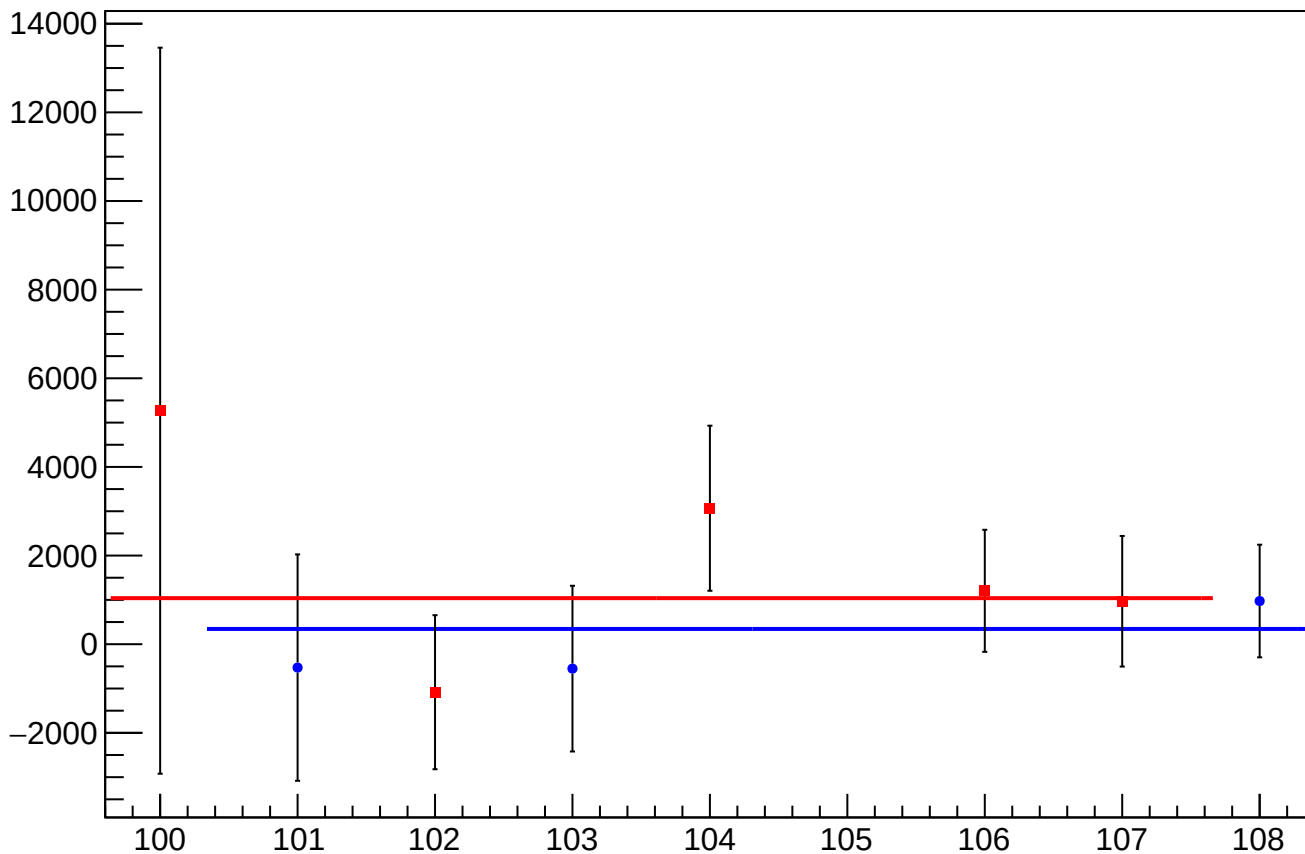
Right: 3077.216+/-1.305 χ^2/NDF : 881311.1/7

In: 3117.828+/-1.936 χ^2/NDF : 708627.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3077.216+/-1.305 χ^2/NDF : 881311.1/7

asym_atr1_dit_correction_mean vs Slug, Sign Corrected



Right In: 344.314+/-971.997 χ^2/NDF : 0.6/2

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

Right Out: 1039.360+/-785.096 χ^2/NDF : 3.0/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

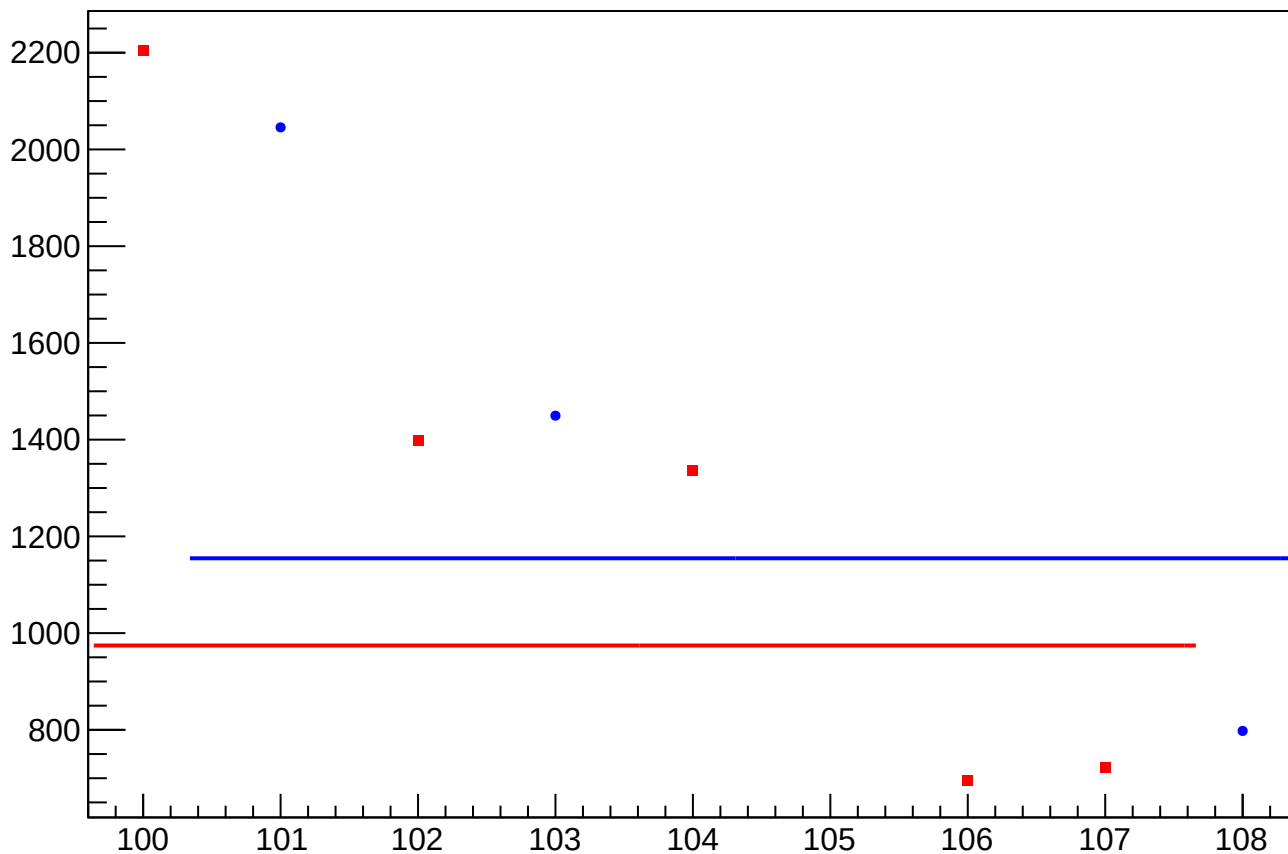
Right: 764.942+/-610.752 χ^2/NDF : 3.9/7

In: 344.314+/-971.997 χ^2/NDF :0.6/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 764.942+/-610.752 χ^2/NDF : 3.9/7

asym_atr1_dit_correction_rms vs Slug, Sign Corrected



Right In: 1154.717+/-0.687 χ^2/NDF : 450819.6/2

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

Right Out: 974.385+/-0.555 χ^2/NDF : 379495.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

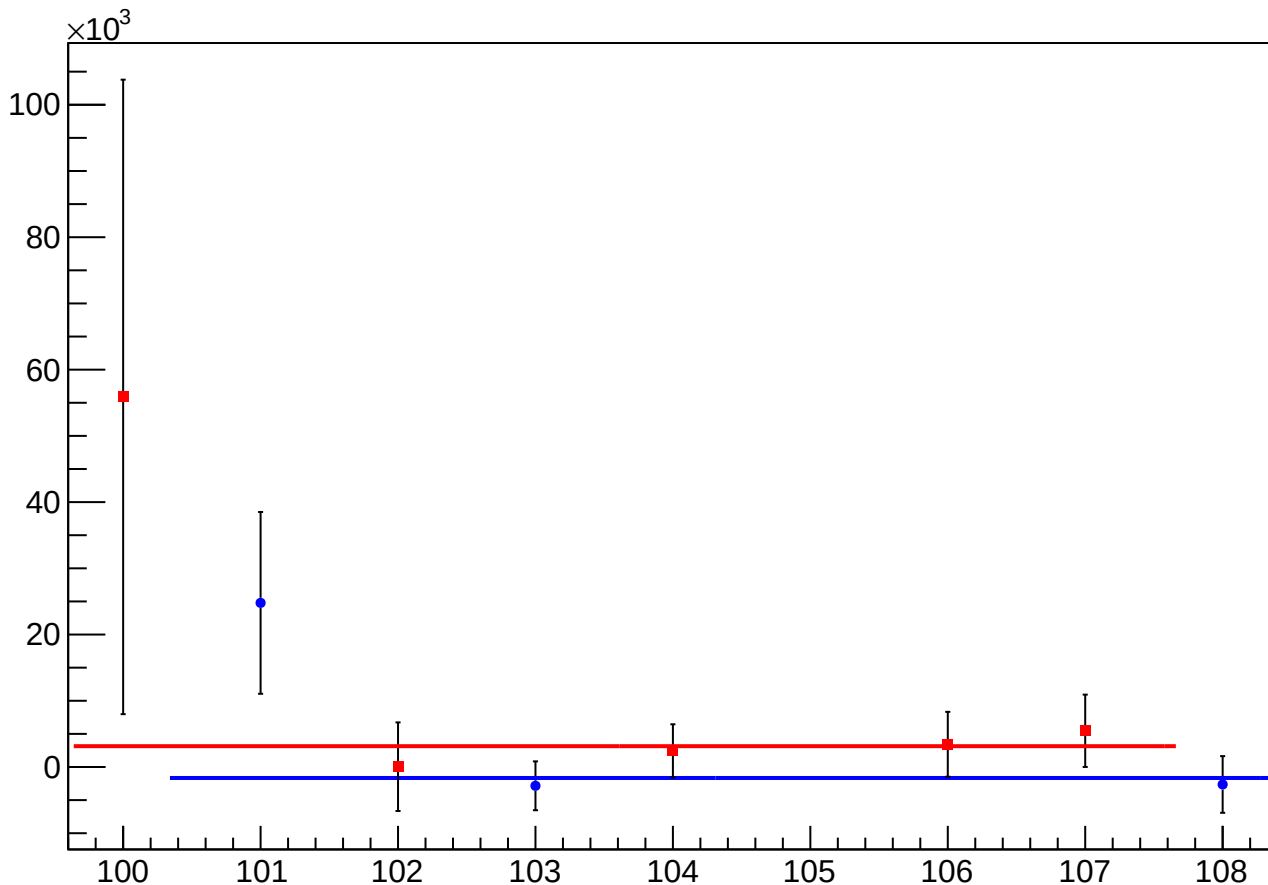
Right: 1045.584+/-0.432 χ^2/NDF : 871975.6/7

In: 1154.717+/-0.687 χ^2/NDF : 450819.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1045.584+/-0.432 χ^2/NDF : 871975.6/7

eigen_dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: -1658.089+/-2738.142 χ^2/NDF : 3.9/2

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

Right Out: 3143.062+/-2498.417 χ^2/NDF : 1.6/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

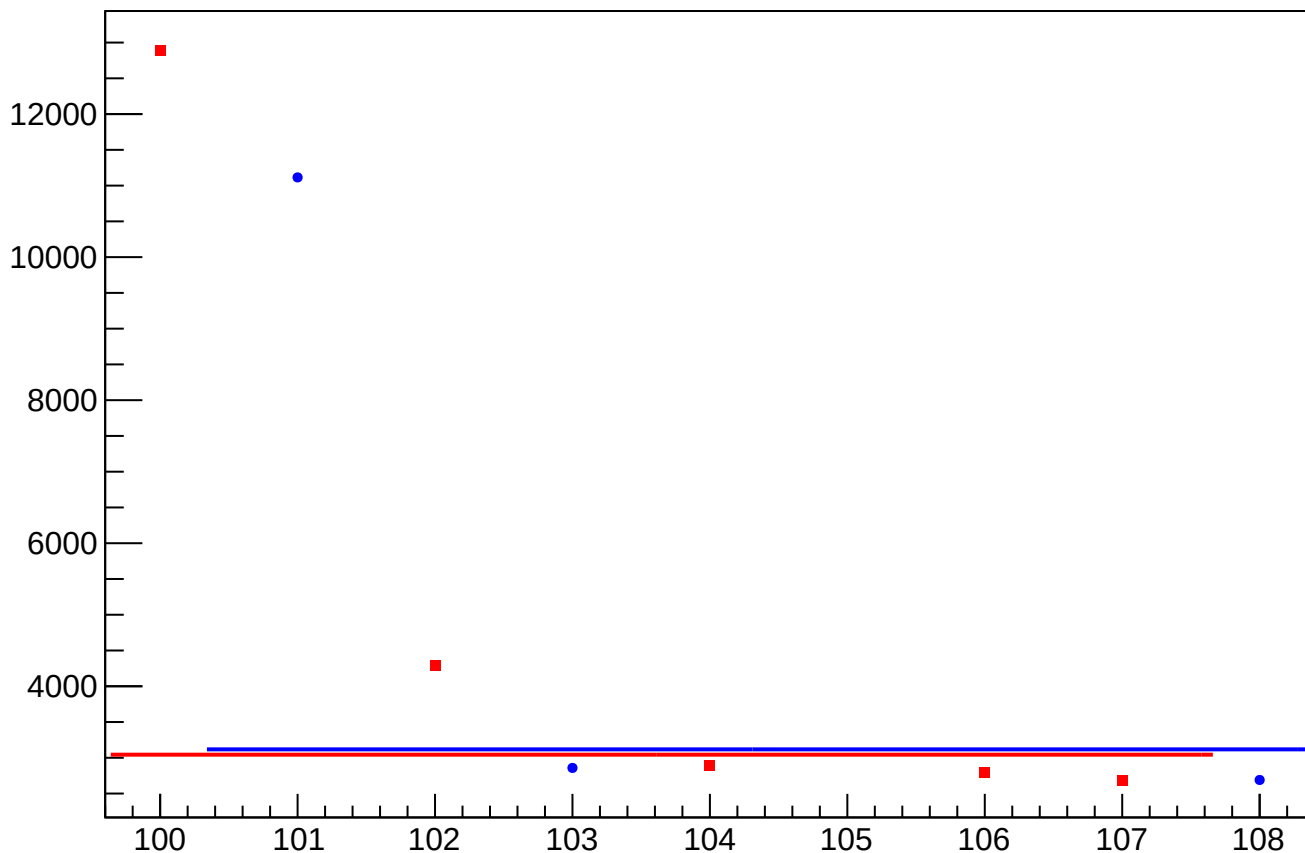
Right: 961.819+/-1845.590 χ^2/NDF : 7.2/7

In: -1658.089+/-2738.142 χ^2/NDF :3.9/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 961.819+/-1845.590 χ^2/NDF : 7.2/7

eigen_dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 3117.827+/-1.936 χ^2/NDF : 708627.9/2

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

Right Out: 3043.404+/-1.767 χ^2/NDF : 171877.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

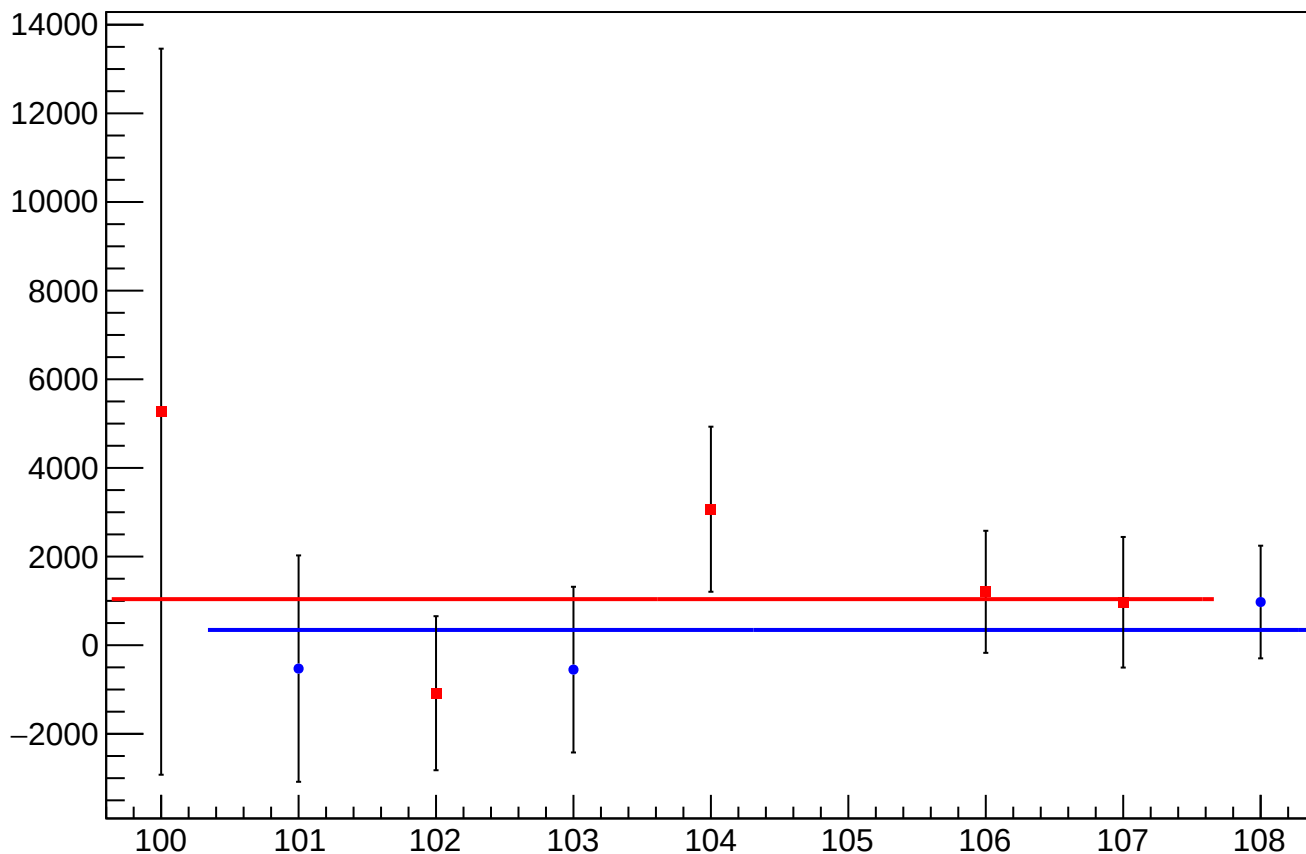
Right: 3077.215+/-1.305 χ^2/NDF : 881311.2/7

In: 3117.827+/-1.936 χ^2/NDF : 708627.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3077.215+/-1.305 χ^2/NDF : 881311.2/7

asym_atr1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 344.313+/-971.995 χ^2/NDF : 0.6/2

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

Right Out: 1039.357+/-785.095 χ^2/NDF : 3.0/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

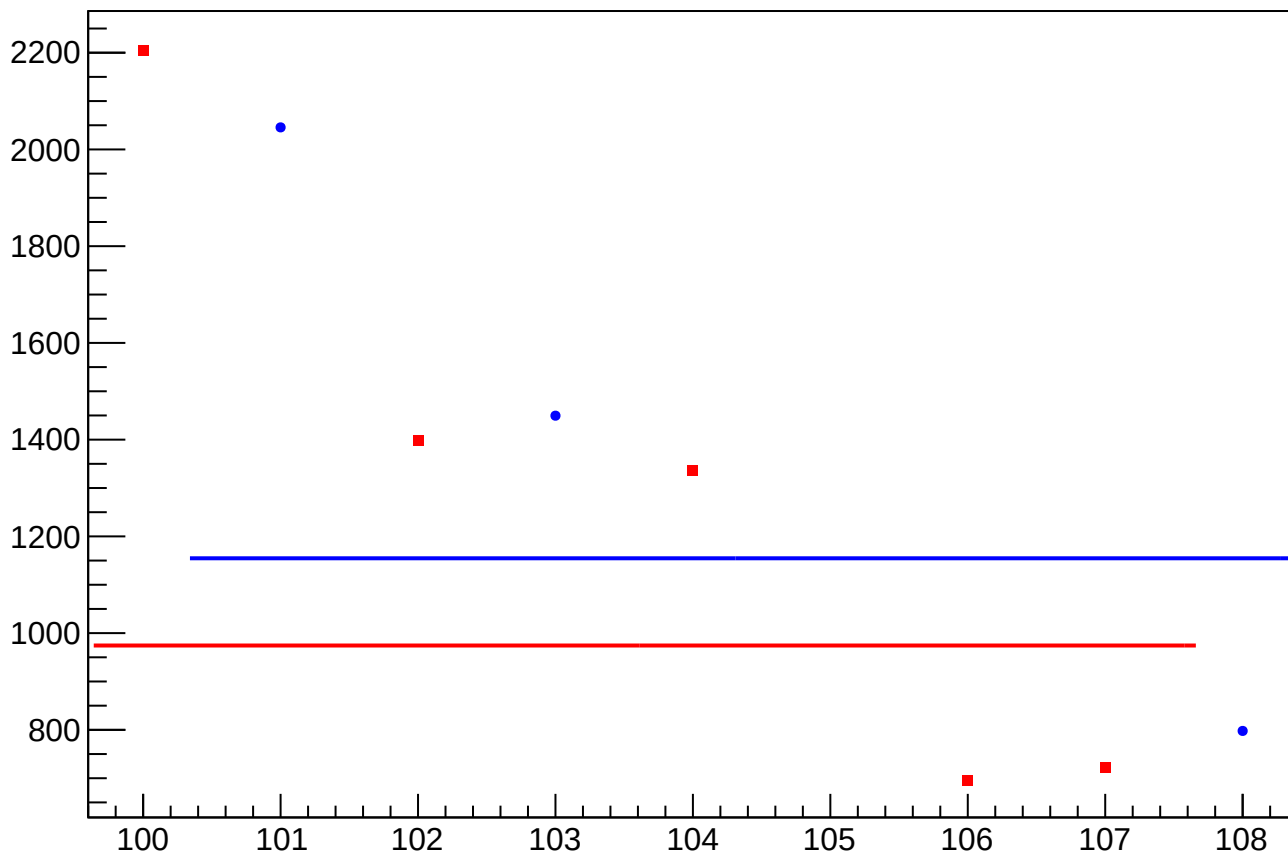
Right: 764.939+/-610.751 χ^2/NDF : 3.9/7

In: 344.313+/-971.995 χ^2/NDF :0.6/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 764.939+/-610.751 χ^2/NDF : 3.9/7

asym_atr1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1154.715+/-0.687 χ^2/NDF : 450817.9/2

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

Right Out: 974.385+/-0.555 χ^2/NDF : 379491.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

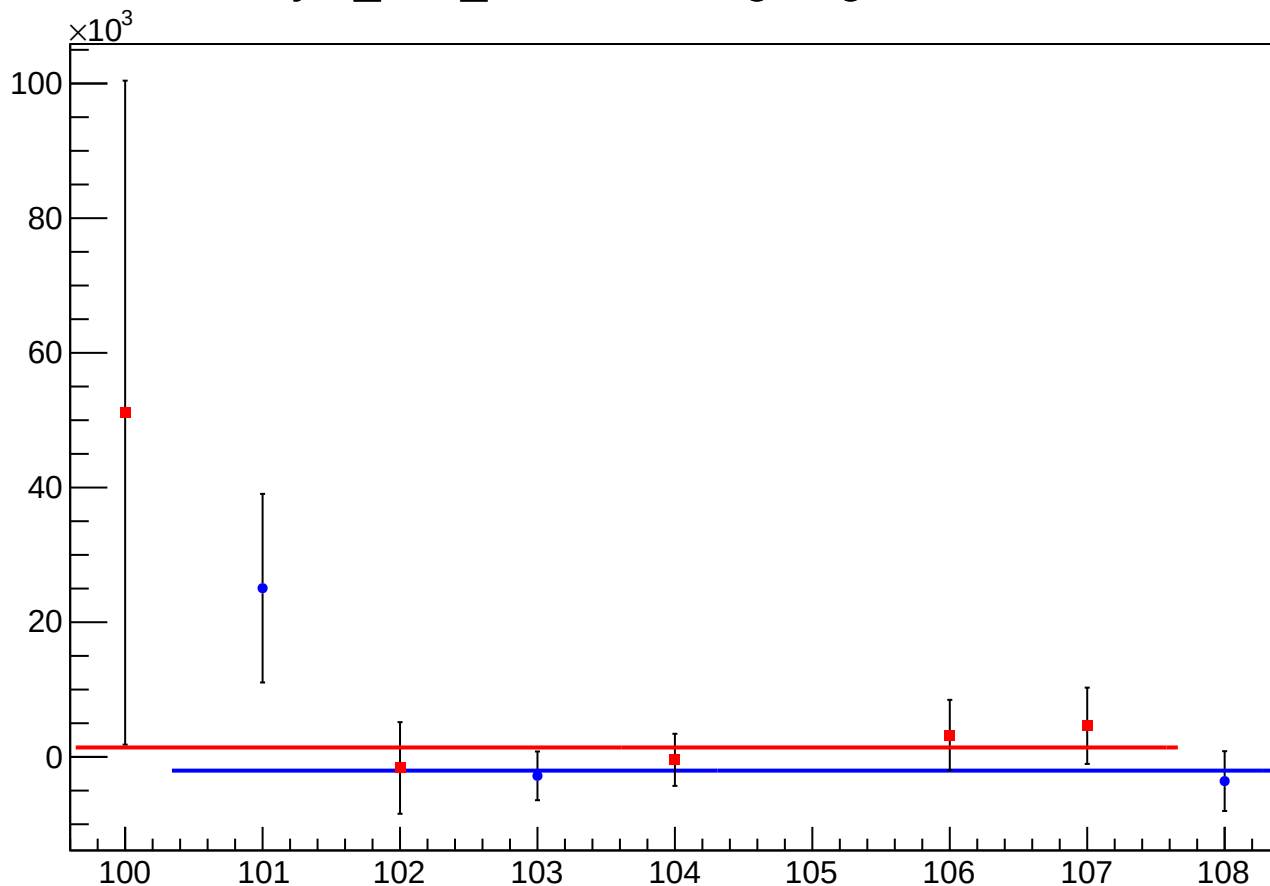
Right: 1045.583+/-0.432 χ^2/NDF : 871969.8/7

In: 1154.715+/-0.687 χ^2/NDF : 450817.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1045.583+/-0.432 χ^2/NDF : 871969.8/7

asym_atr1_mean vs Slug, Sign Corrected



Right In: -2035.415+/-2750.596 χ^2/NDF : 3.9/2

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

Right Out: 1402.322+/-2526.434 χ^2/NDF : 1.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

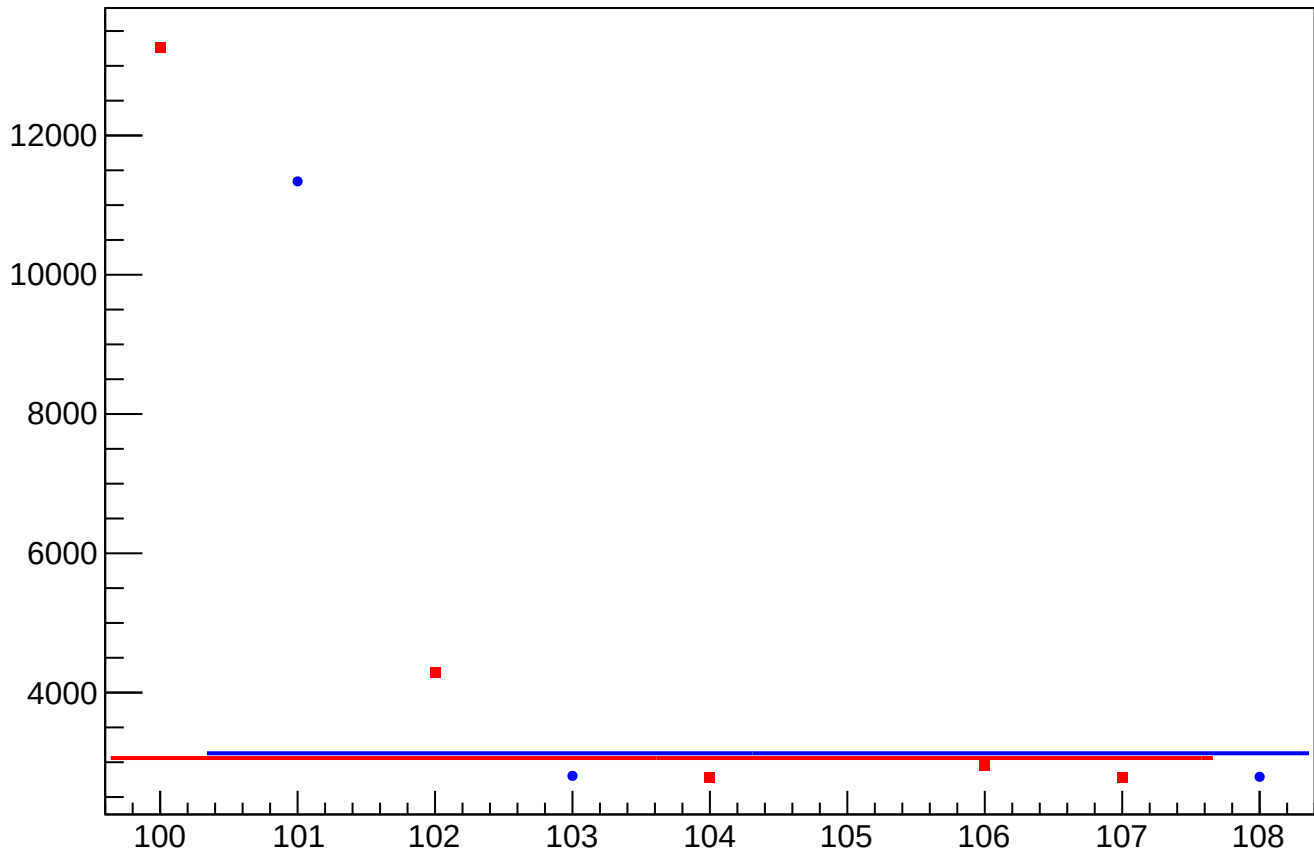
Right: -170.778+/-1860.667 χ^2/NDF : 6.6/7

In: -2035.415+/-2750.596 χ^2/NDF : 3.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -170.778+/-1860.667 χ^2/NDF : 6.6/7

asym_atr1_rms vs Slug, Sign Corrected



Right In: 3128.350+/-1.945 χ^2/NDF : 715277.9/2

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

Right Out: 3060.470+/-1.786 χ^2/NDF : 167177.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

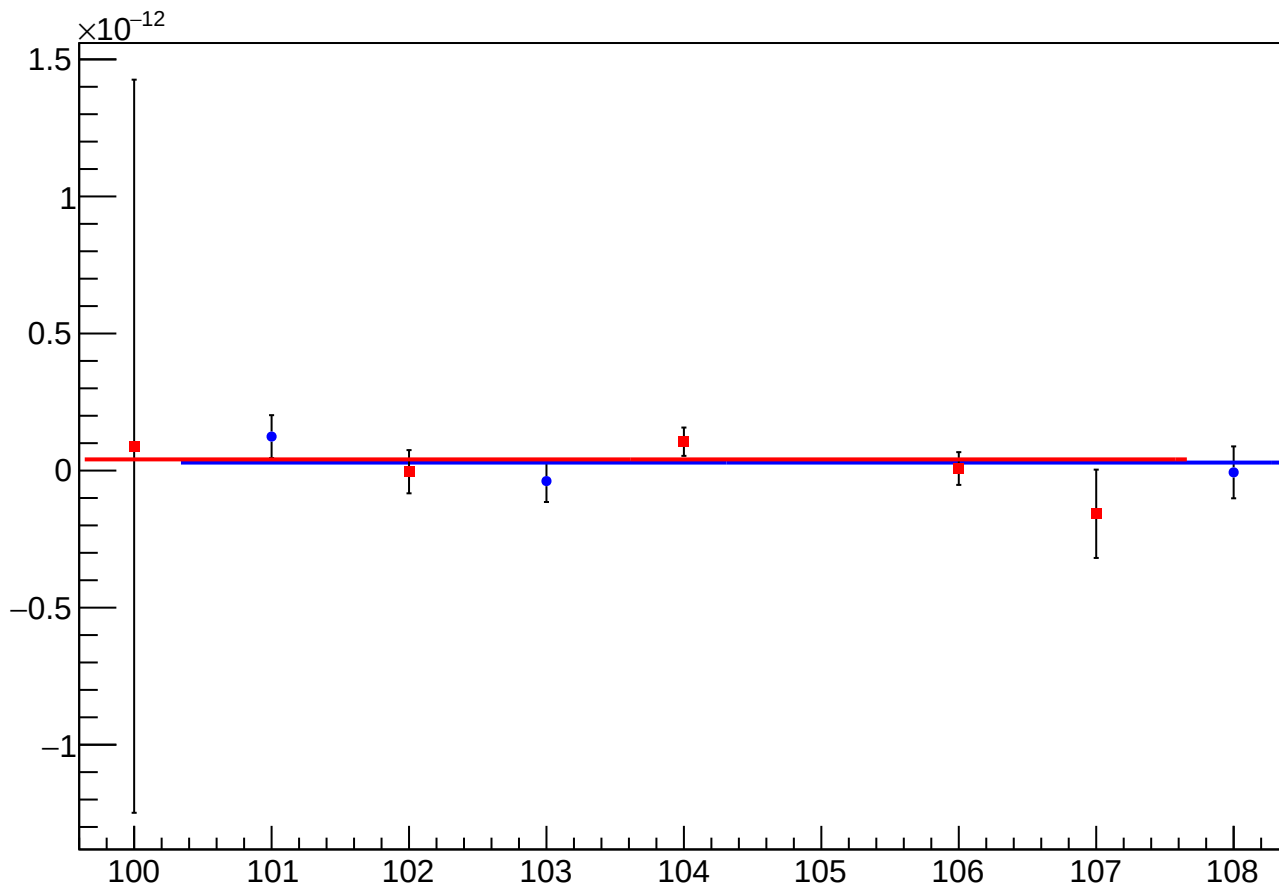
Right: 3091.532+/-1.316 χ^2/NDF : 883116.2/7

In: 3128.350+/-1.945 χ^2/NDF : 715277.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3091.532+/-1.316 χ^2/NDF : 883116.2/7

asym_atr1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.4/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 3.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

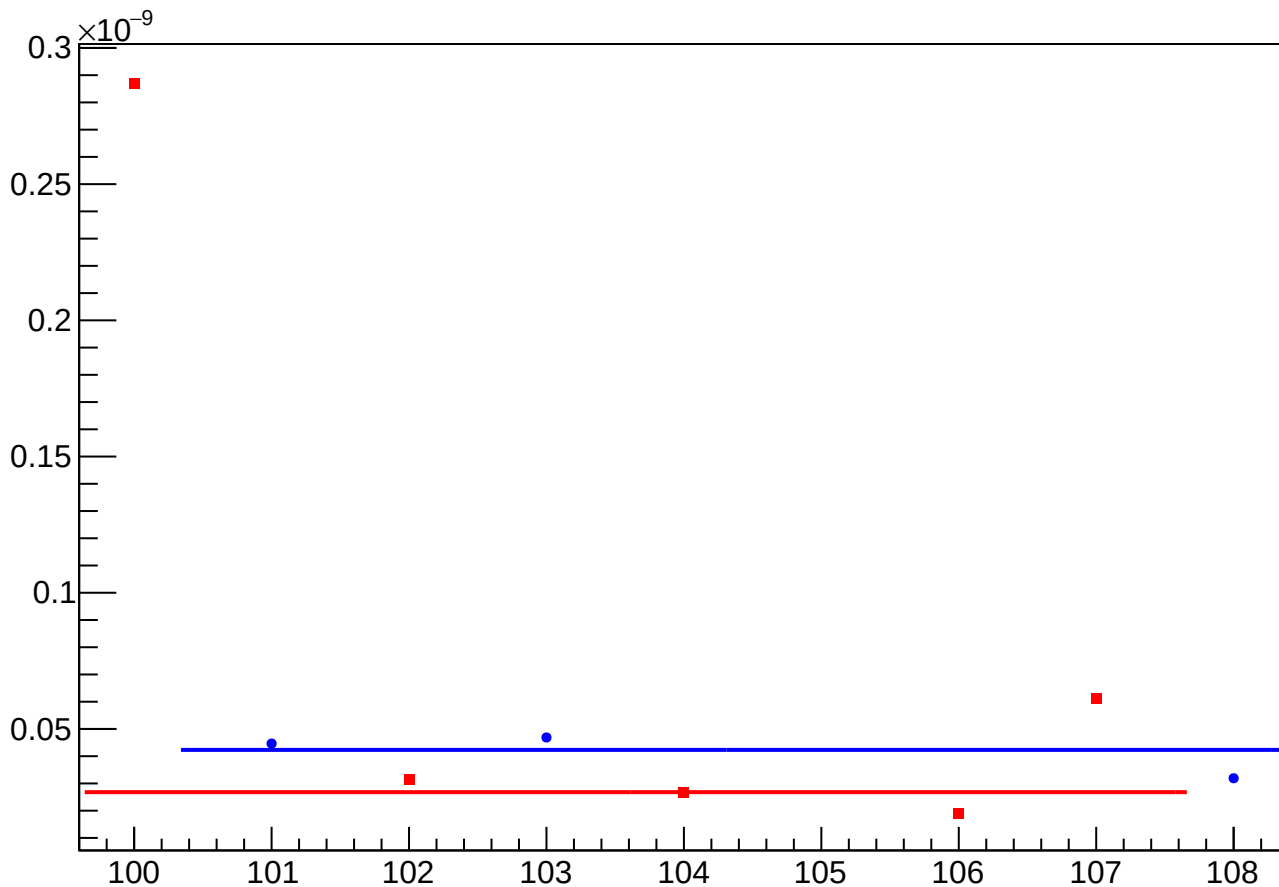
Right: 0.000+/-0.000 χ^2/NDF : 6.1/7

In: 0.000+/-0.000 χ^2/NDF : 2.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.1/7

asym_atr1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 33064.3/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 208425.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

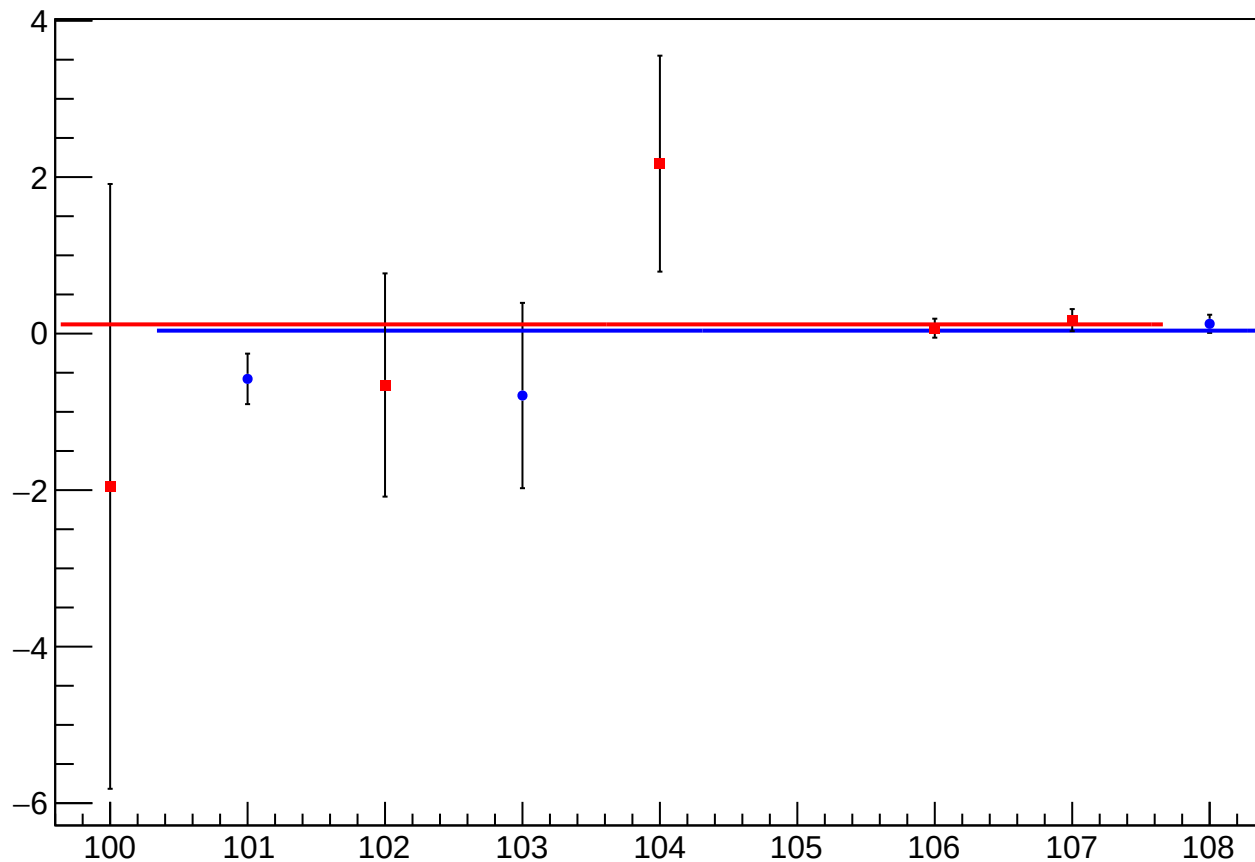
Right: 0.000+/-0.000 χ^2/NDF : 382912.7/7

In: 0.000+/-0.000 χ^2/NDF : 33064.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 382912.7/7

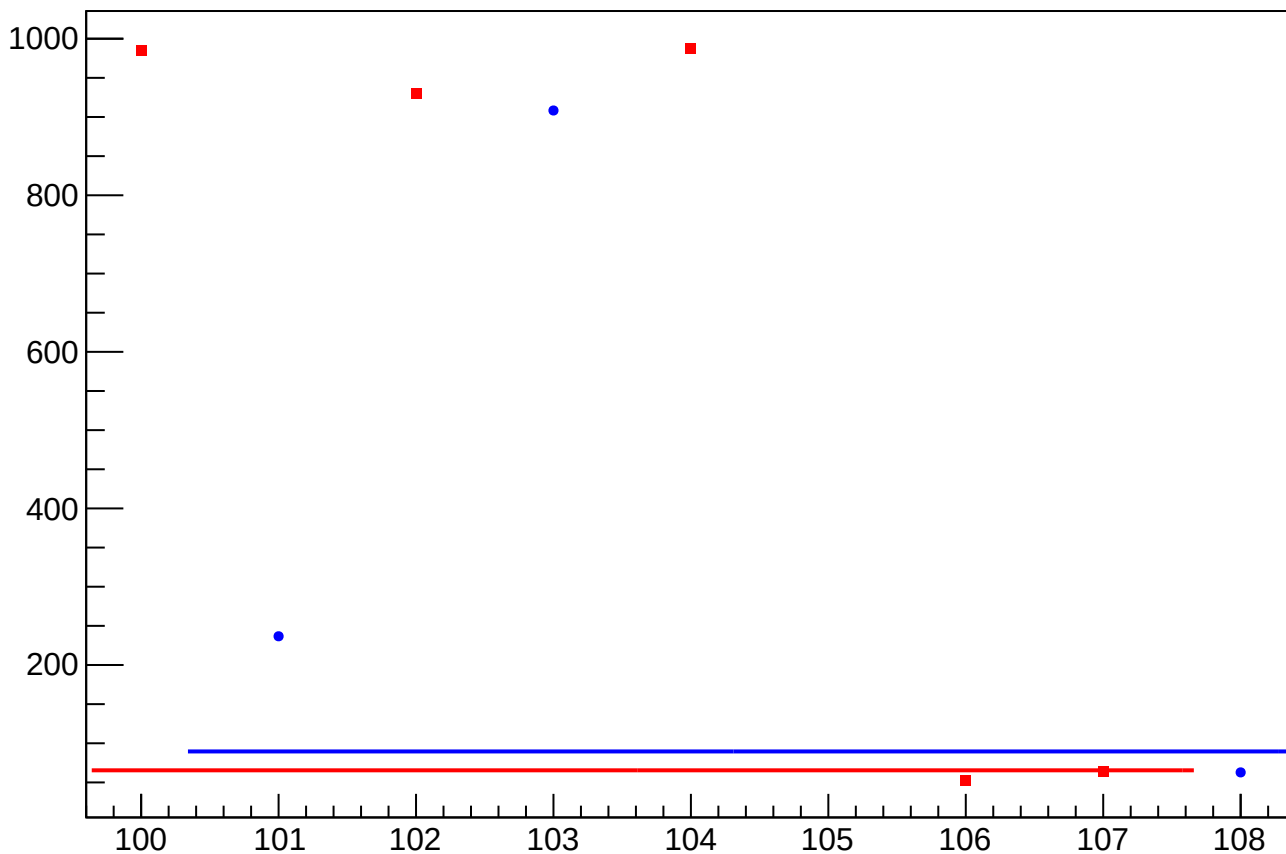
asym_atr1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.038 $\pm$ 0.108 χ^2 /NDF: 4.7/2
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.118 $\pm$ 0.092 χ^2 /NDF: 3.1/4
 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: 0.085 $\pm$ 0.070 χ^2 /NDF: 8.1/7
 In: 0.038 $\pm$ 0.108 χ^2 /NDF:4.7/2
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.085 $\pm$ 0.070 χ^2 /NDF: 8.1/7

asym_atr1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 89.580+/-0.077 χ^2/NDF : 1479035.2/2

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

Right Out: 65.465+/-0.065 χ^2/NDF : 1764469.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

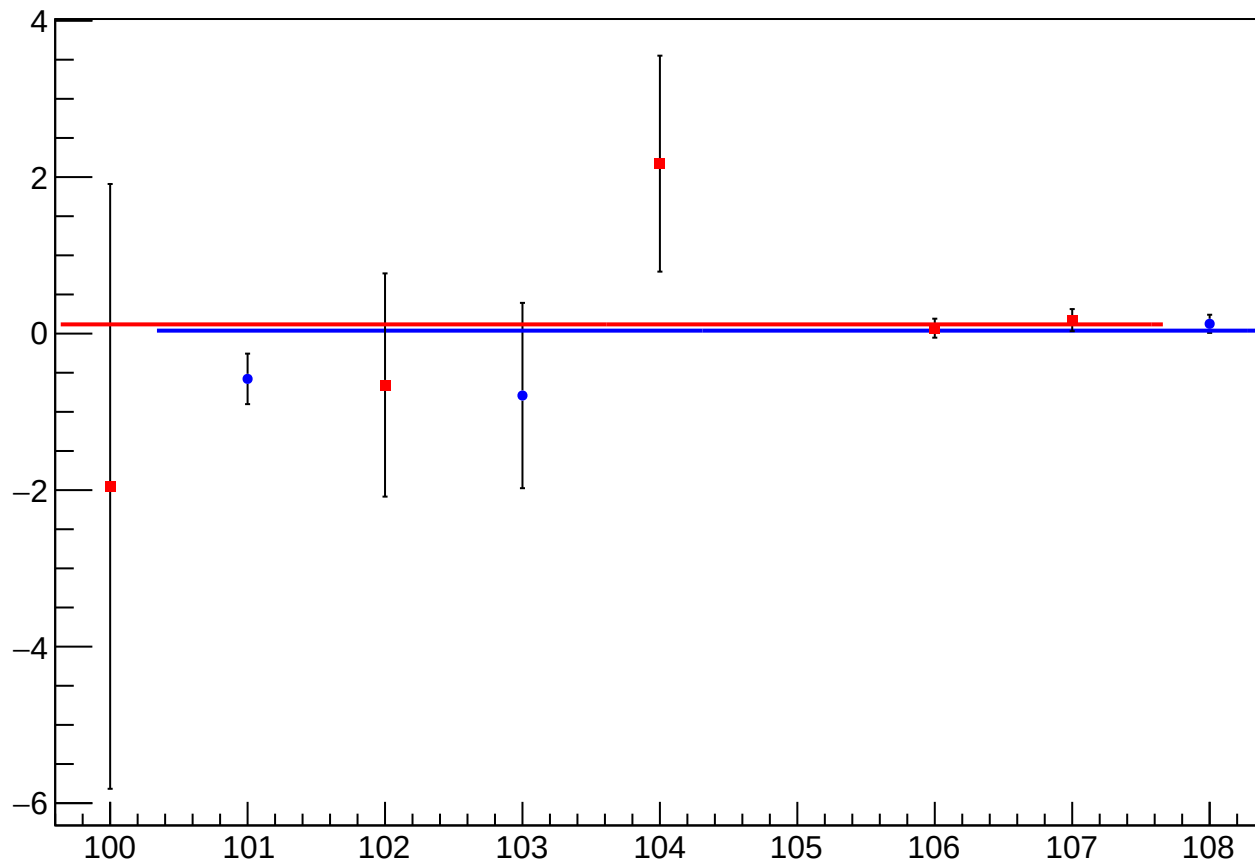
Right: 75.489+/-0.049 χ^2/NDF : 3301244.4/7

In: 89.580+/-0.077 χ^2/NDF : 1479035.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.489+/-0.049 χ^2/NDF : 3301244.4/7

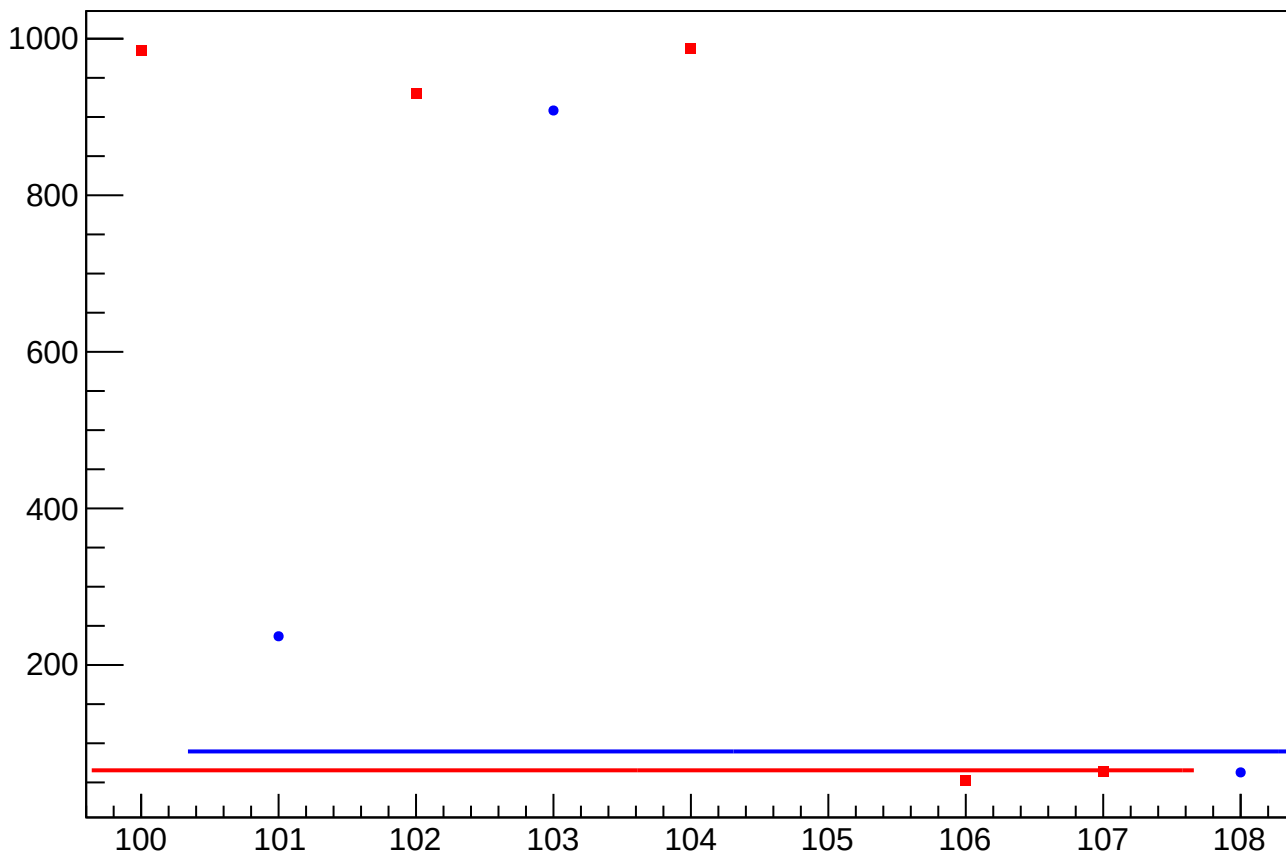
asym_atr1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.038 $\pm$ 0.108 χ^2 /NDF: 4.7/2
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.118 $\pm$ 0.092 χ^2 /NDF: 3.1/4
 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: 0.085 $\pm$ 0.070 χ^2 /NDF: 8.1/7
 In: 0.038 $\pm$ 0.108 χ^2 /NDF:4.7/2
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.085 $\pm$ 0.070 χ^2 /NDF: 8.1/7

asym_atr1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 89.580+/-0.077 χ^2/NDF : 1479035.2/2

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

Right Out: 65.465+/-0.065 χ^2/NDF : 1764469.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

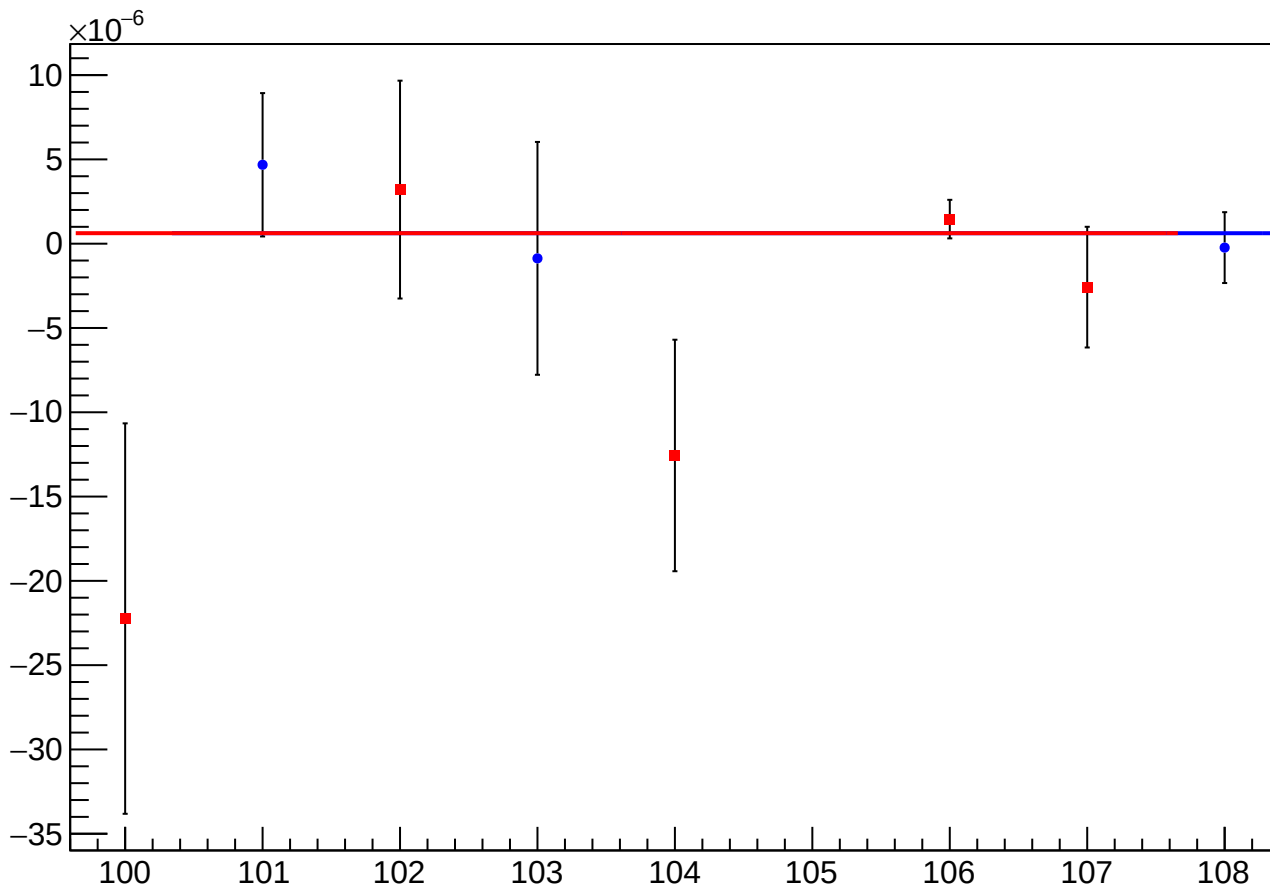
Right: 75.489+/-0.049 χ^2/NDF : 3301244.4/7

In: 89.580+/-0.077 χ^2/NDF : 1479035.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.489+/-0.049 χ^2/NDF : 3301244.4/7

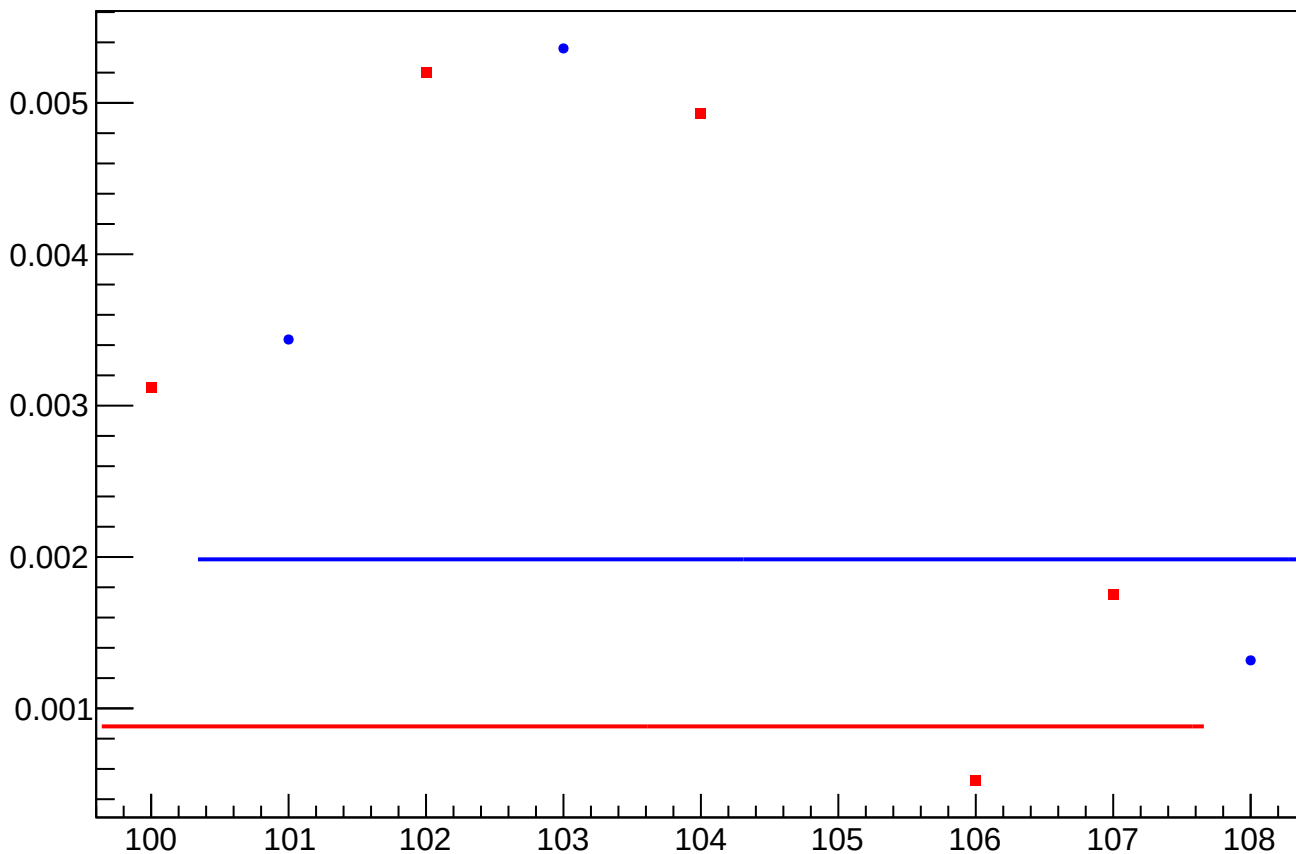
asym_atr1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.1/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 9.1/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 10.2/7
 In: 0.000+/-0.000 χ^2/NDF : 1.1/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 10.2/7

asym_atr1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 912844.8/2

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

Right Out: 0.001+/-0.000 χ^2/NDF : 1979095.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

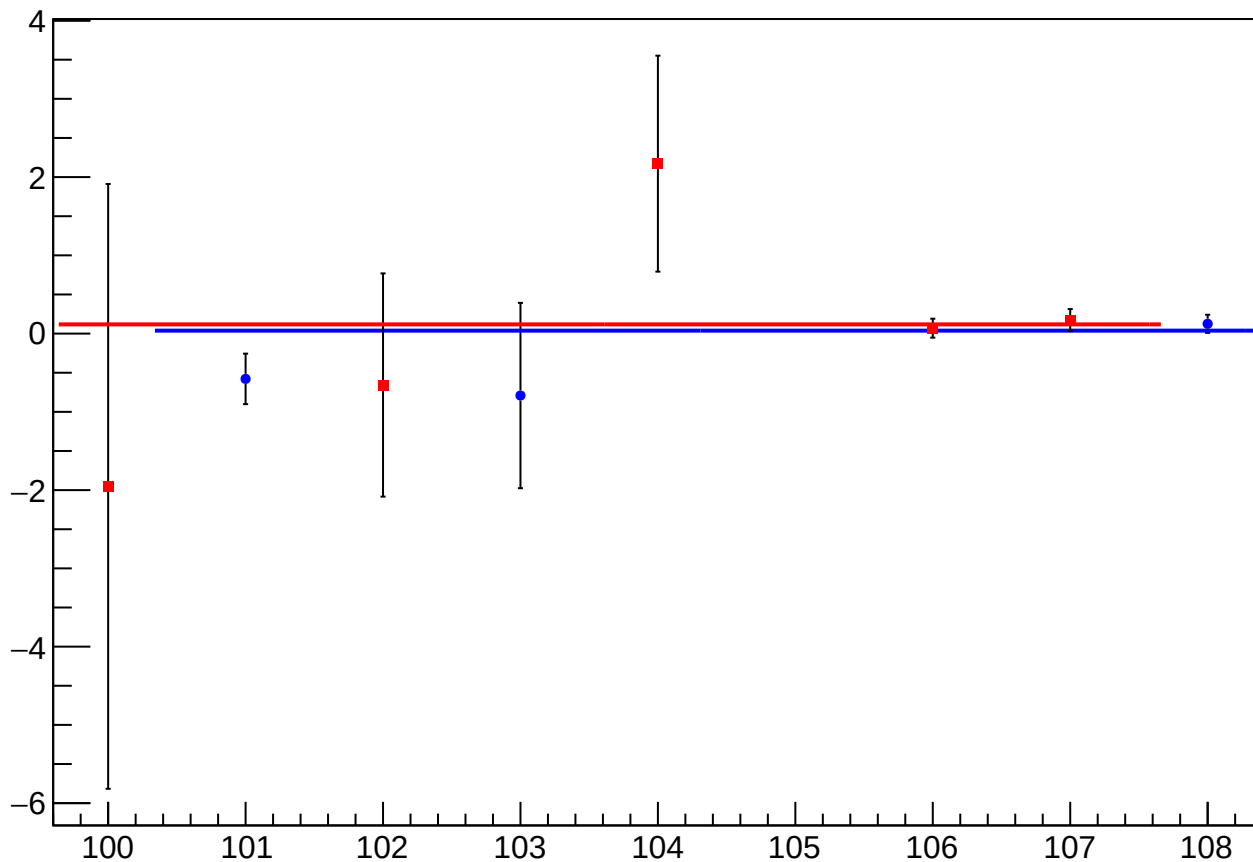
Right: 0.001+/-0.000 χ^2/NDF : 3442971.6/7

In: 0.002+/-0.000 χ^2/NDF : 912844.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3442971.6/7

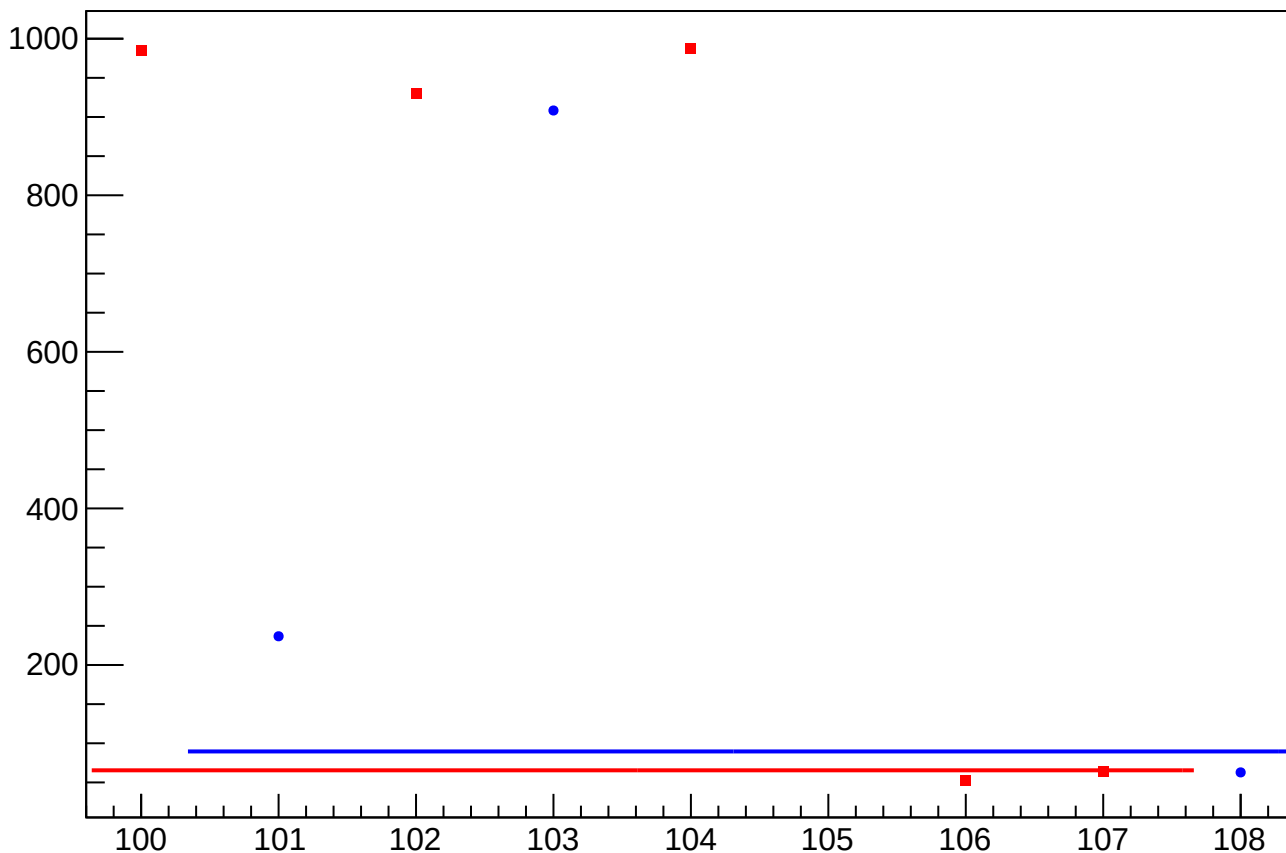
asym_atr1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.038+/-0.108 χ^2/NDF : 4.7/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.118+/-0.092 χ^2/NDF : 3.1/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.085+/-0.070 χ^2/NDF : 8.1/7
 In: 0.038+/-0.108 χ^2/NDF : 4.7/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.085+/-0.070 χ^2/NDF : 8.1/7

asym_atr1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 89.580+/-0.077 χ^2/NDF : 1479040.7/2

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

Right Out: 65.465+/-0.065 χ^2/NDF : 1764467.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

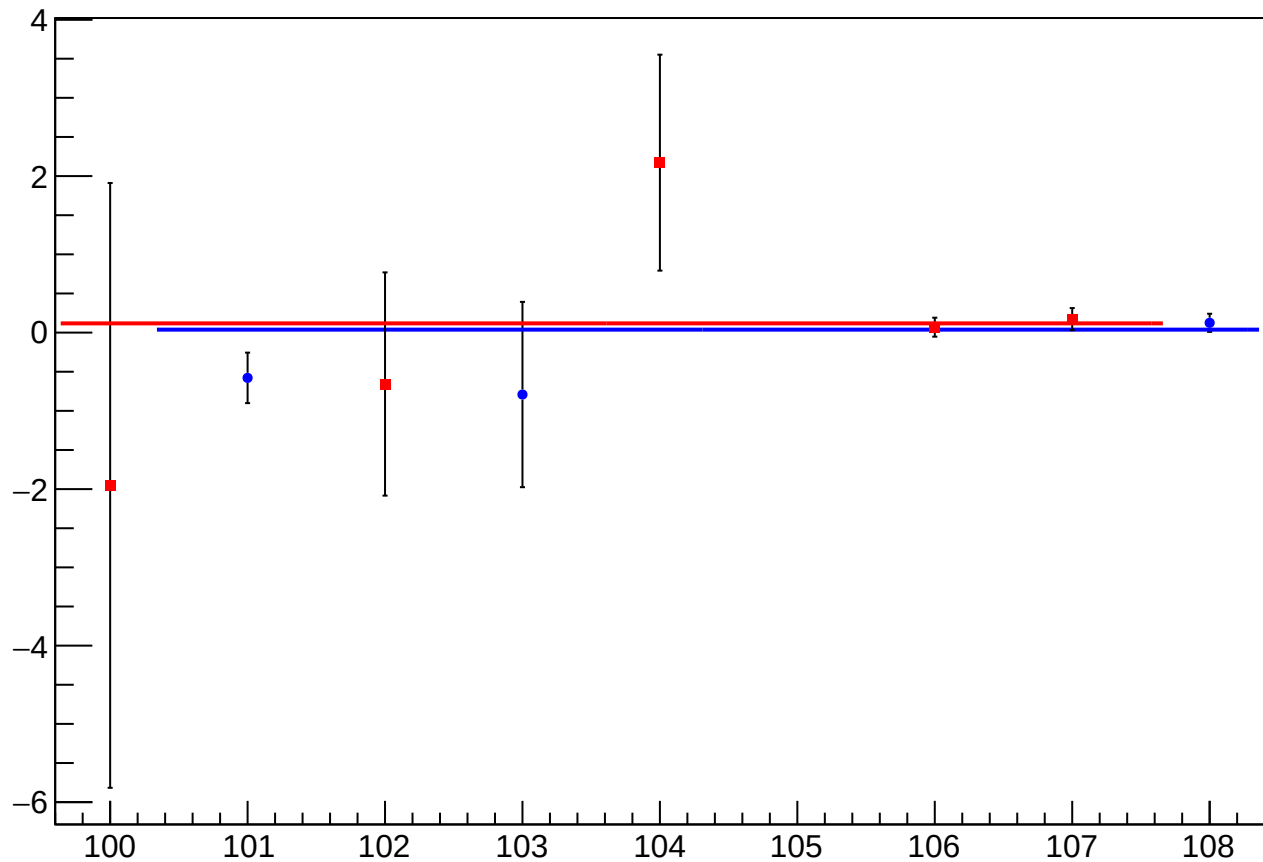
Right: 75.488+/-0.049 χ^2/NDF : 3301247.6/7

In: 89.580+/-0.077 χ^2/NDF : 1479040.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.488+/-0.049 χ^2/NDF : 3301247.6/7

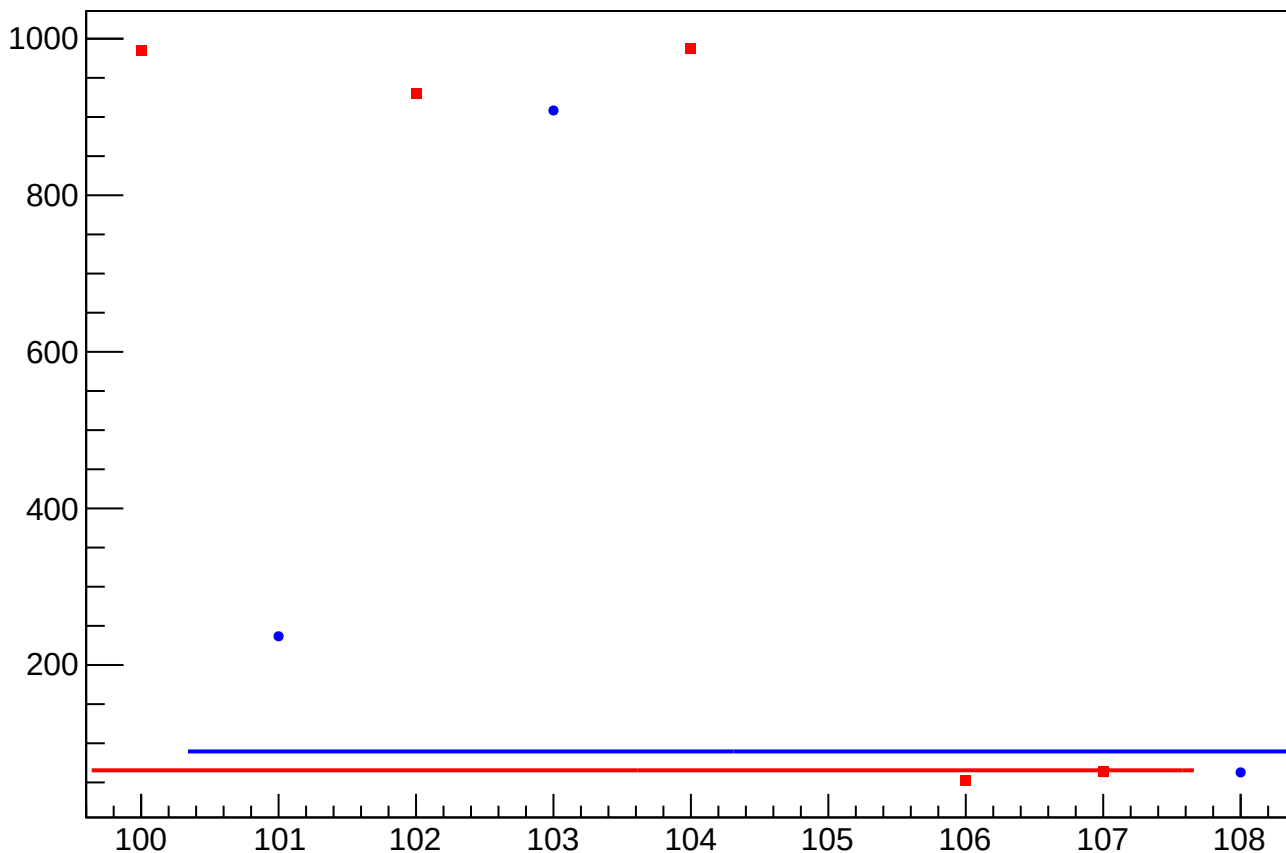
asym_atr1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.038+/-0.108 χ^2/NDF : 4.7/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.118+/-0.092 χ^2/NDF : 3.1/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.085+/-0.070 χ^2/NDF : 8.1/7
 In: 0.038+/-0.108 χ^2/NDF : 4.7/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.085+/-0.070 χ^2/NDF : 8.1/7

asym_atr1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 89.580+/-0.077 χ^2/NDF : 1479040.7/2

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

Right Out: 65.465+/-0.065 χ^2/NDF : 1764467.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

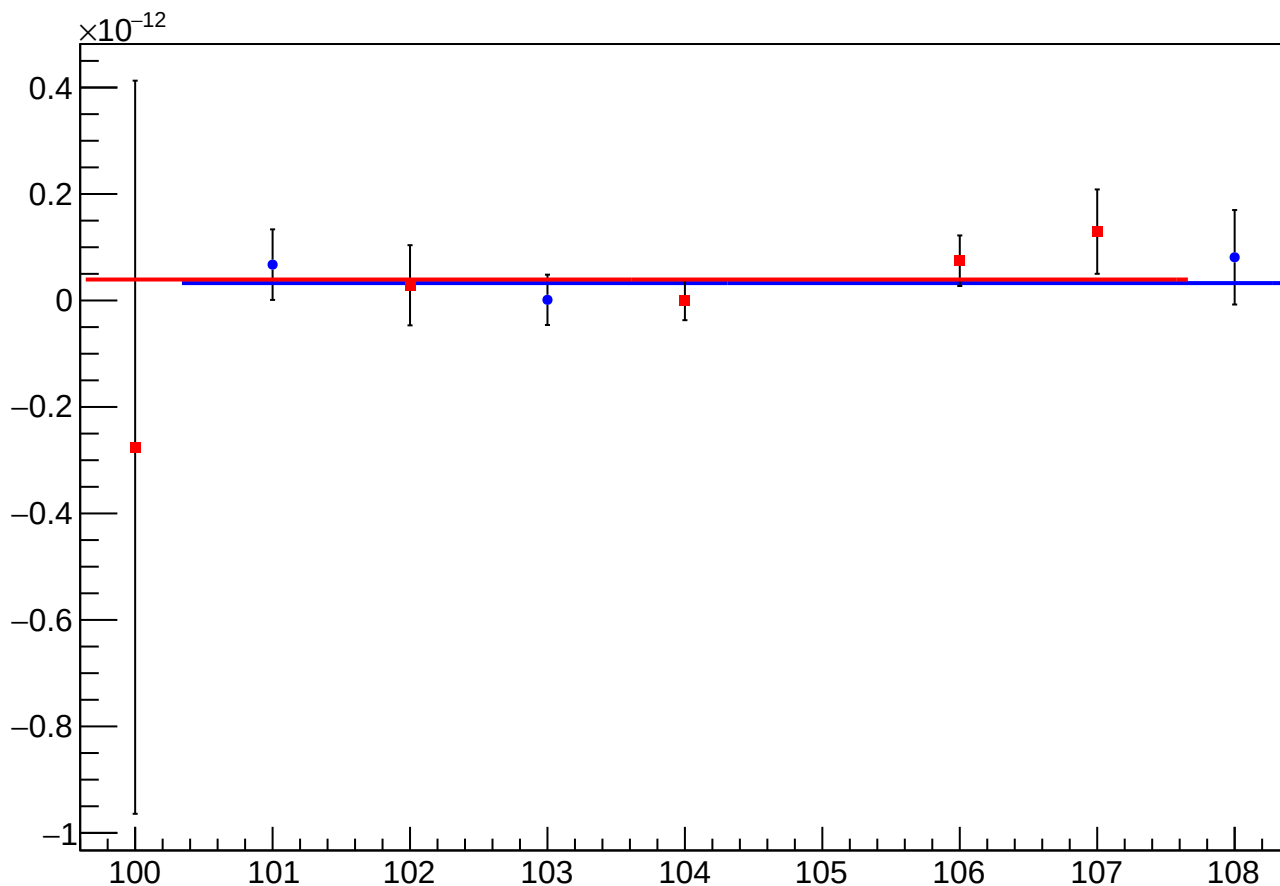
Right: 75.488+/-0.049 χ^2/NDF : 3301247.6/7

In: 89.580+/-0.077 χ^2/NDF : 1479040.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.488+/-0.049 χ^2/NDF : 3301247.6/7

asym_atr1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.0/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 3.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

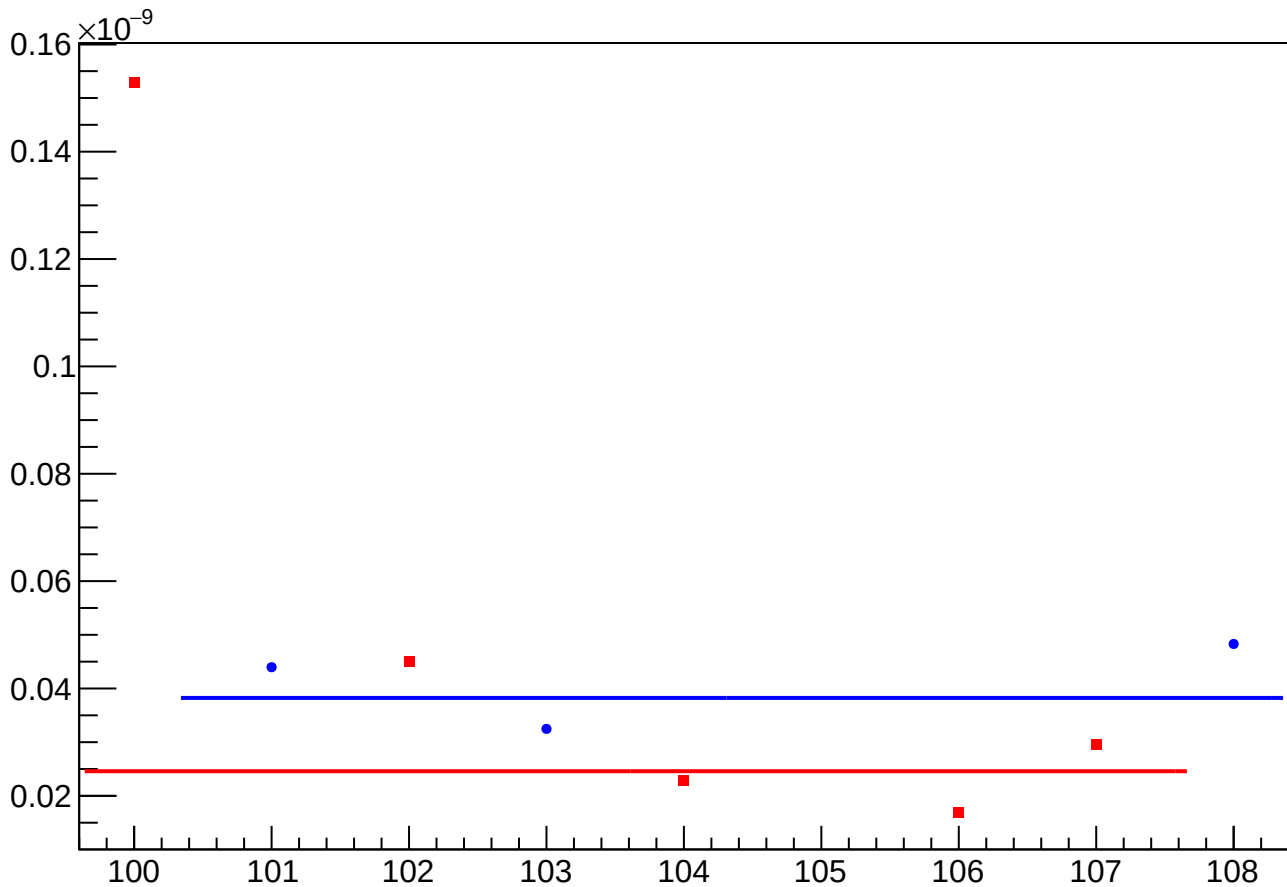
Right: 0.000+/-0.000 χ^2/NDF : 4.2/7

In: 0.000+/-0.000 χ^2/NDF : 1.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.2/7

asym_atr1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 70402.4/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 280993.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

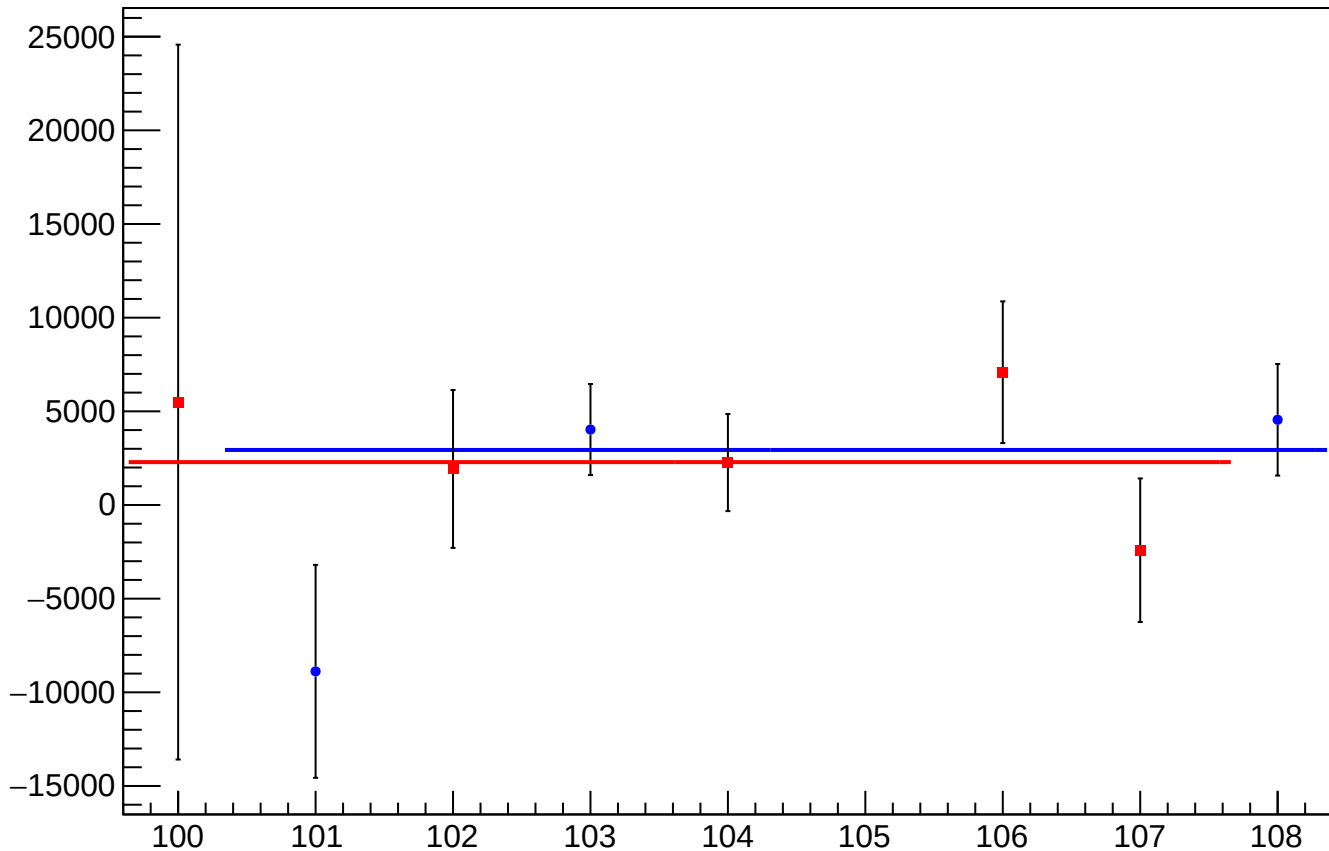
Right: 0.000+/-0.000 χ^2/NDF : 545746.2/7

In: 0.000+/-0.000 χ^2/NDF : 70402.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 545746.2/7

reg_asym_atr2_mean vs Slug, Sign Corrected



Right In: 2938.405+/-1787.336 χ^2/NDF : 4.8/2

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

Right Out: 2289.042+/-1700.473 χ^2/NDF : 3.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

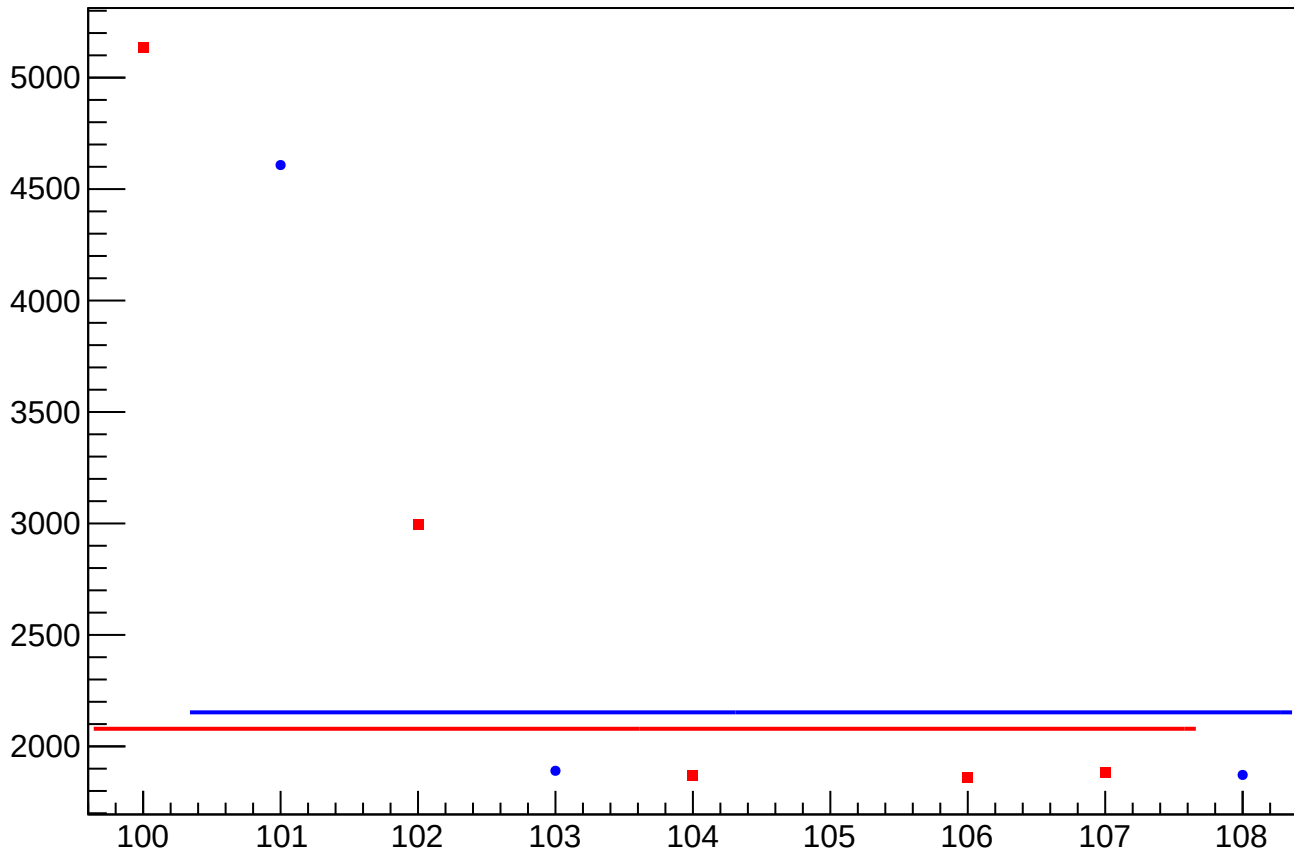
Right: 2597.561+/-1231.980 χ^2/NDF : 8.0/7

In: 2938.405+/-1787.336 χ^2/NDF : 4.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2597.561+/-1231.980 χ^2/NDF : 8.0/7

reg_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2152.630+/-1.264 χ^2/NDF : 414368.4/2

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

Right Out: 2079.024+/-1.202 χ^2/NDF : 171429.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

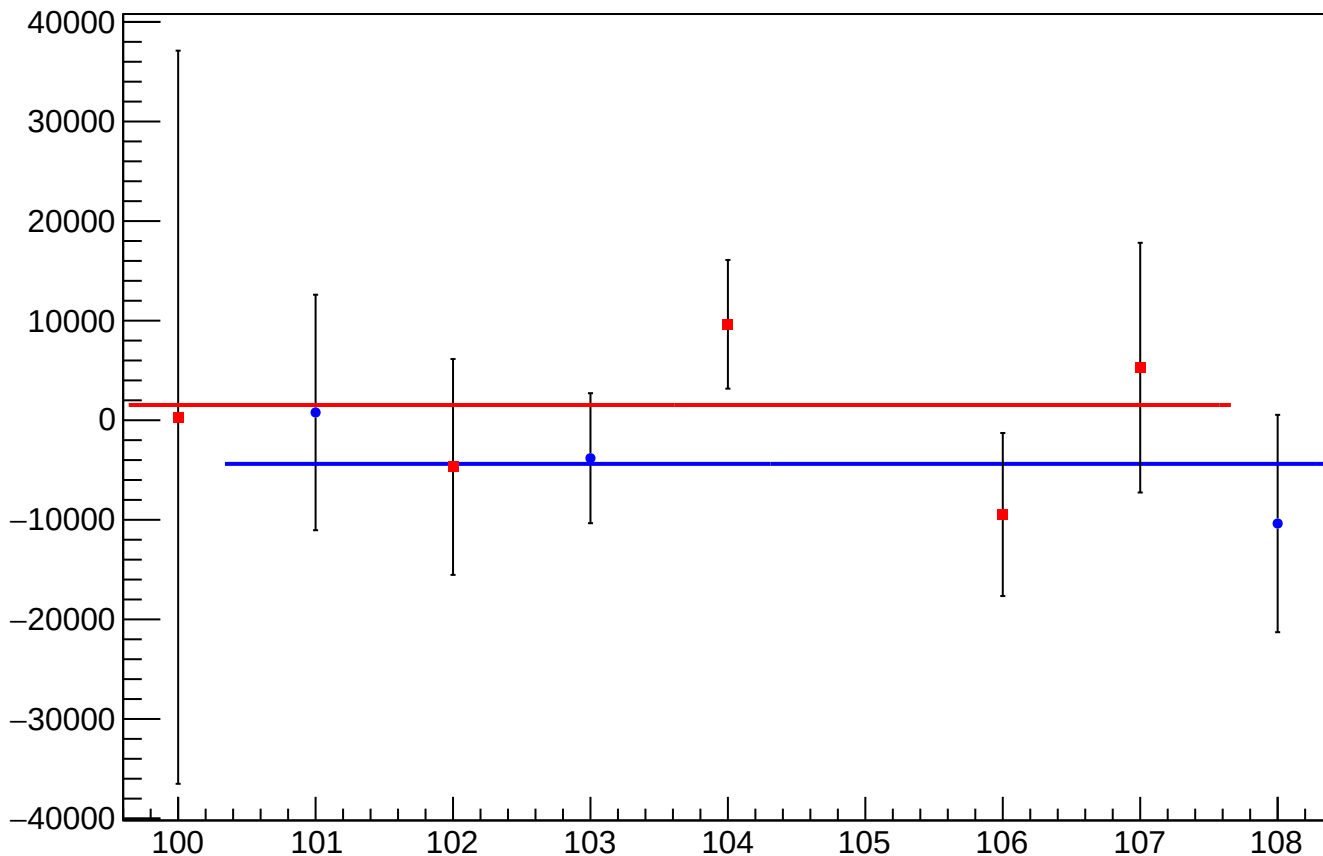
Right: 2113.995+/-0.871 χ^2/NDF : 587577.9/7

In: 2152.630+/-1.264 χ^2/NDF : 414368.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2113.995+/-0.871 χ^2/NDF : 587577.9/7

asym_atr2_reg_correction_mean vs Slug, Sign Corrected



Right In: -4382.475+/-5062.706 χ^2/NDF : 0.5/2

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

Right Out: 1530.114+/-4284.703 χ^2/NDF : 3.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

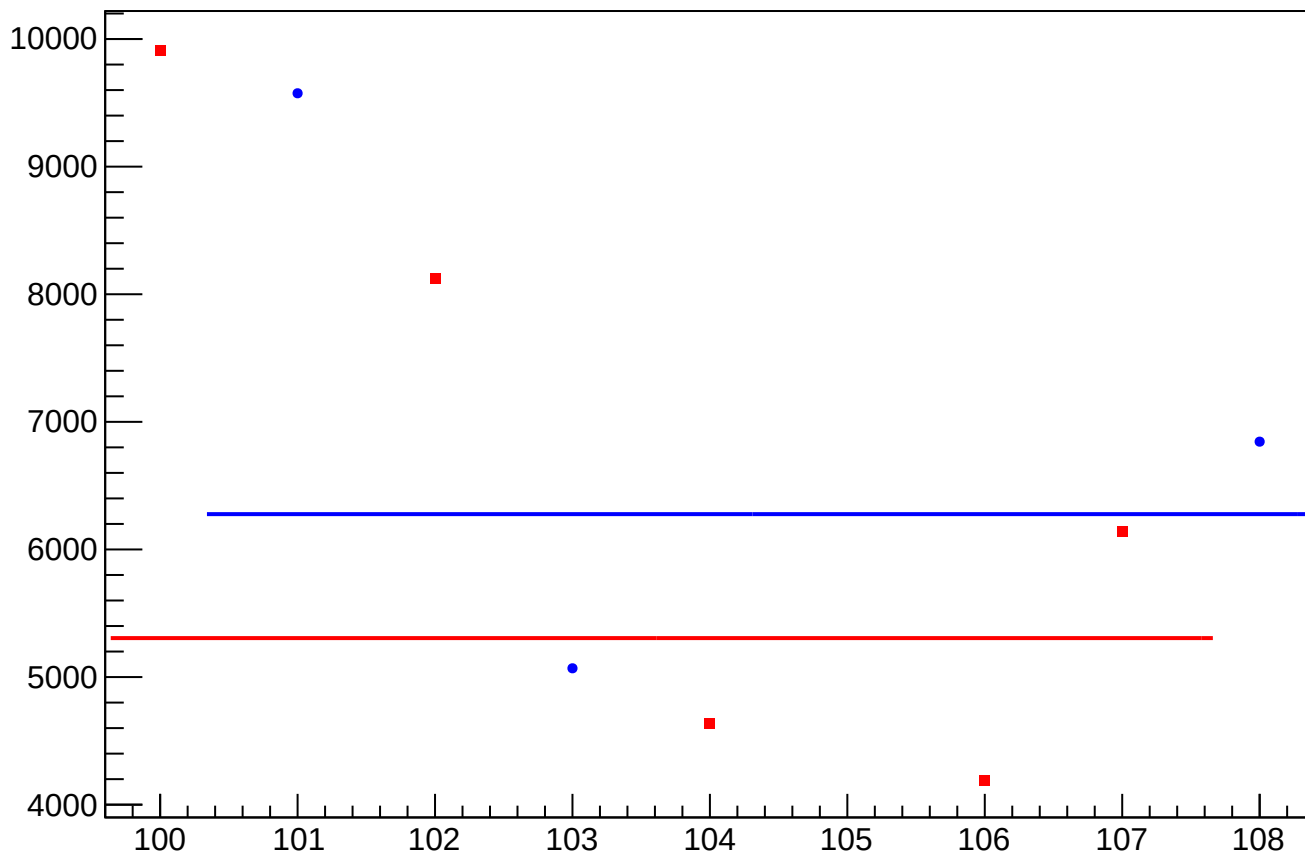
Right: -937.449+/-3270.605 χ^2/NDF : 5.1/7

In: -4382.475+/-5062.706 χ^2/NDF : 0.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -937.449+/-3270.605 χ^2/NDF : 5.1/7

asym_atr2_reg_correction_rms vs Slug, Sign Corrected



Right In: 6276.847+/-3.580 χ^2/NDF : 229485.8/2

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

Right Out: 5305.363+/-3.030 χ^2/NDF : 233633.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

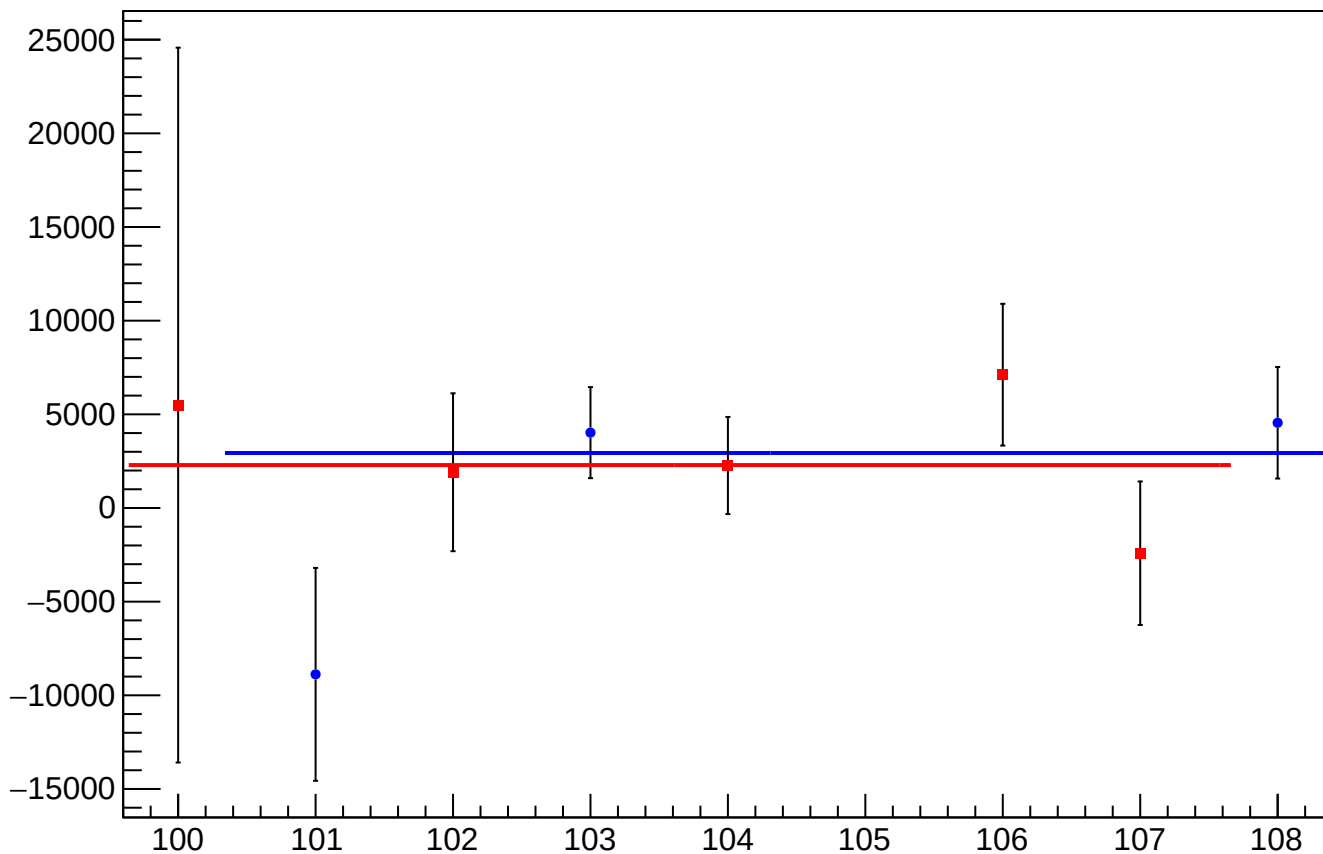
Right: 5710.803+/-2.313 χ^2/NDF : 506028.6/7

In: 6276.847+/-3.580 χ^2/NDF : 229485.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5710.803+/-2.313 χ^2/NDF : 506028.6/7

cor_asym_atr2_mean vs Slug, Sign Corrected



Right In: 2936.652+/-1787.338 χ^2/NDF : 4.8/2

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

Right Out: 2292.181+/-1700.519 χ^2/NDF : 3.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

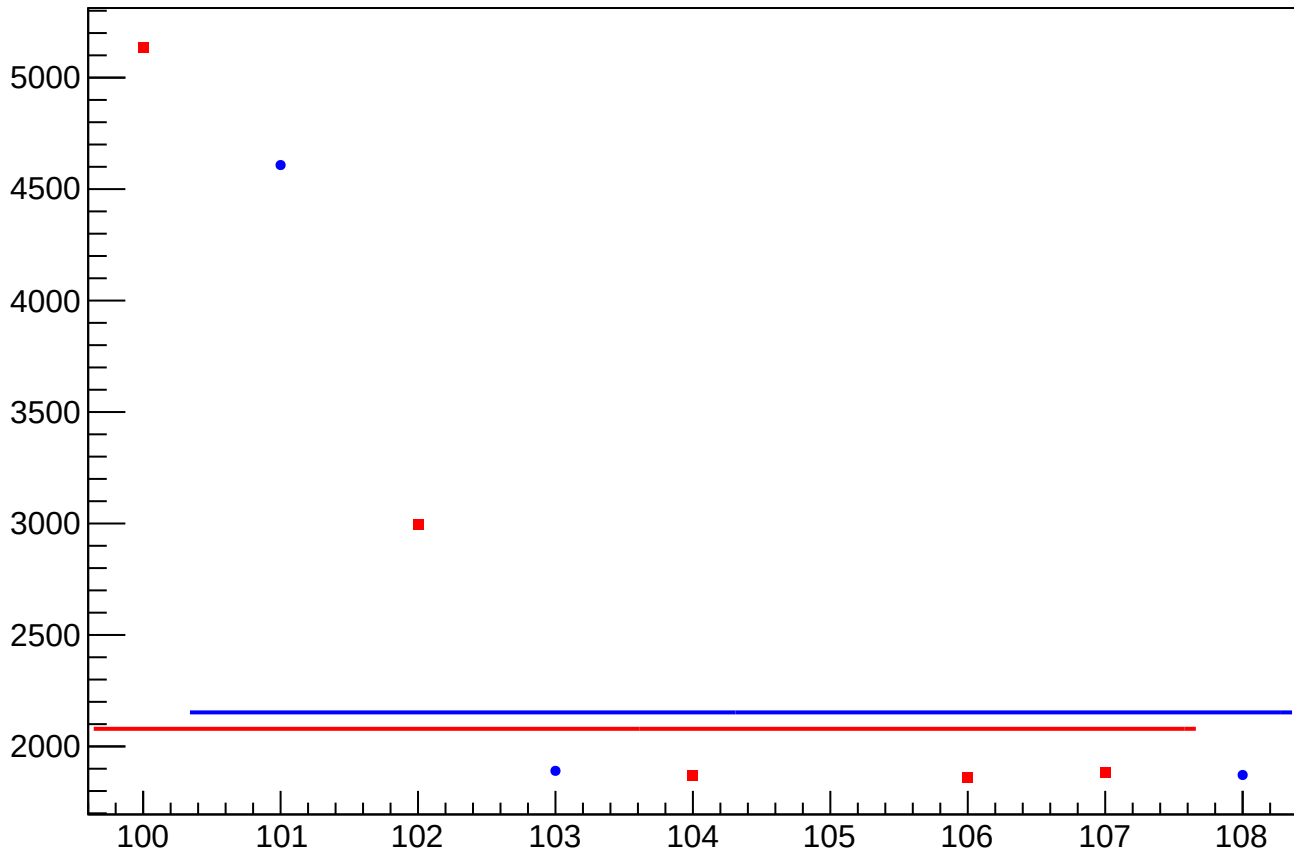
Right: 2598.385+/-1231.998 χ^2/NDF : 8.1/7

In: 2936.652+/-1787.338 χ^2/NDF : 4.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2598.385+/-1231.998 χ^2/NDF : 8.1/7

cor_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2152.633+/-1.264 χ^2/NDF : 414367.6/2

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

Right Out: 2079.086+/-1.202 χ^2/NDF : 171411.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

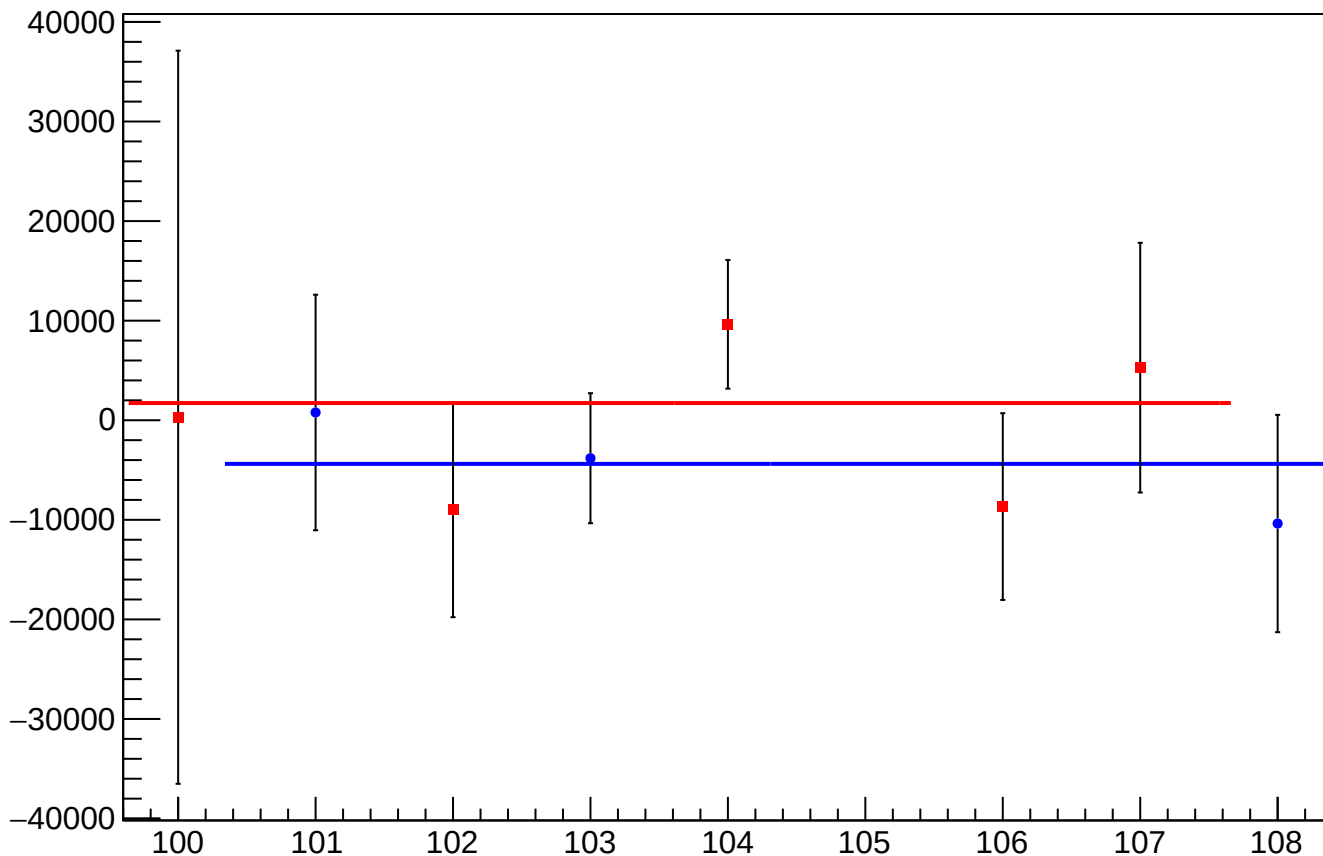
Right: 2114.030+/-0.871 χ^2/NDF : 587557.0/7

In: 2152.633+/-1.264 χ^2/NDF : 414367.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2114.030+/-0.871 χ^2/NDF : 587557.0/7

asym_atr2_cor_correction_mean vs Slug, Sign Corrected



Right In: -4382.173+/-5063.104 χ^2/NDF : 0.5/2

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

Right Out: 1727.891+/-4426.531 χ^2/NDF : 3.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

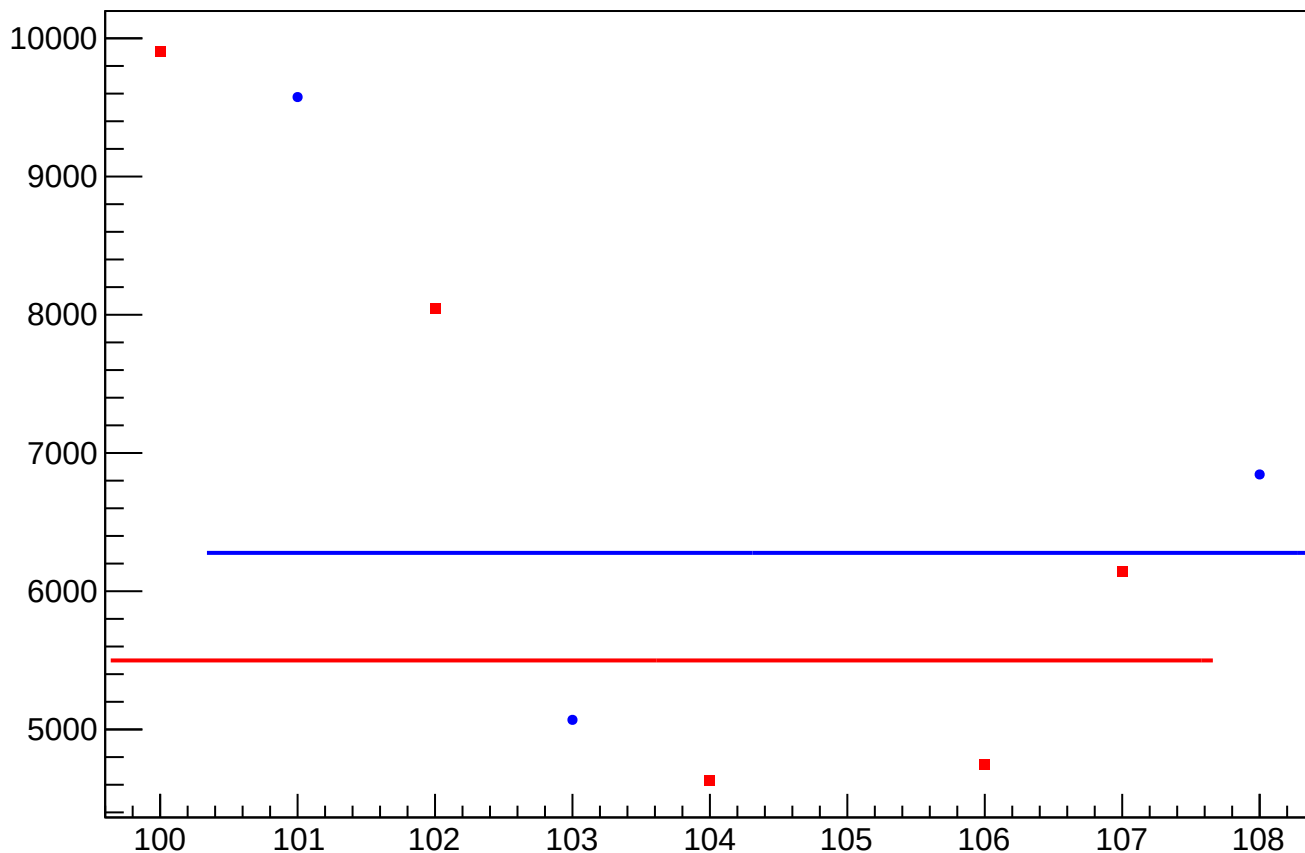
Right: -919.108+/-3332.506 χ^2/NDF : 5.1/7

In: -4382.173+/-5063.104 χ^2/NDF : 0.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -919.108+/-3332.506 χ^2/NDF : 5.1/7

asym_atr2_cor_correction_rms vs Slug, Sign Corrected



Right In: 6277.466+/-3.580 χ^2/NDF : 229386.1/2

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

Right Out: 5499.241+/-3.130 χ^2/NDF : 194492.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

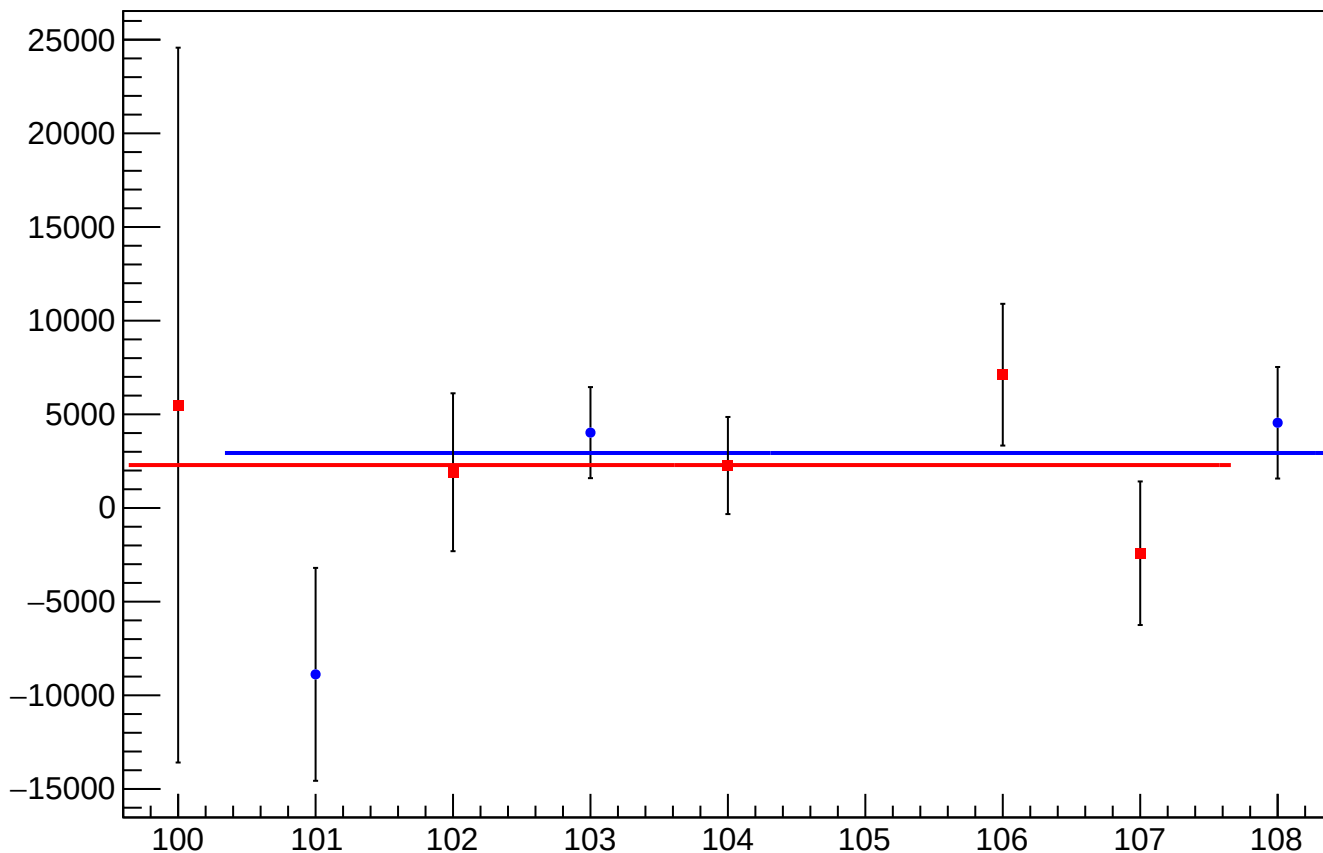
Right: 5836.384+/-2.356 χ^2/NDF : 450659.1/7

In: 6277.466+/-3.580 χ^2/NDF : 229386.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5836.384+/-2.356 χ^2/NDF : 450659.1/7

eigen_cor_asym_atr2_mean vs Slug, Sign Corrected



Right In: 2936.652+/-1787.338 χ^2/NDF : 4.8/2

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

Right Out: 2292.181+/-1700.519 χ^2/NDF : 3.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

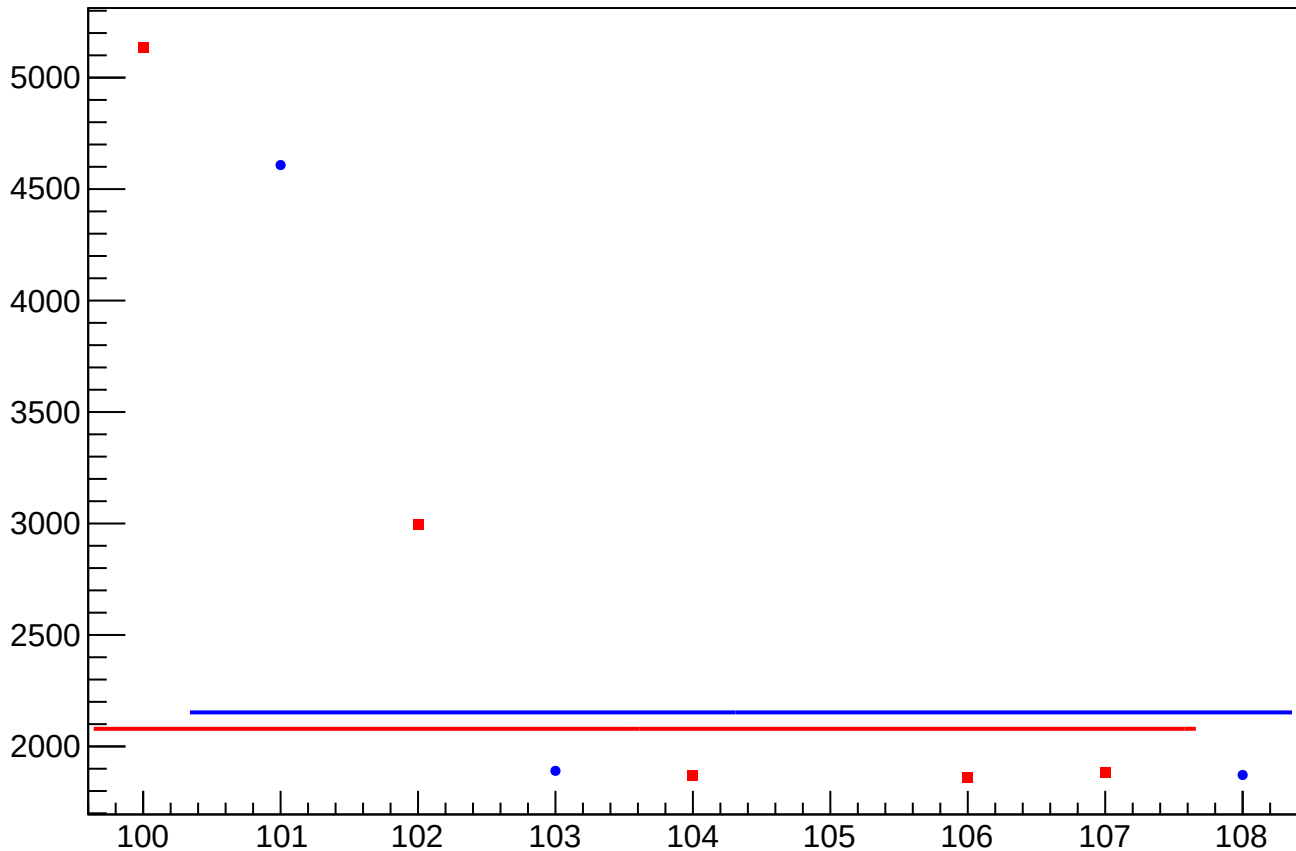
Right: 2598.385+/-1231.998 χ^2/NDF : 8.1/7

In: 2936.652+/-1787.338 χ^2/NDF : 4.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2598.385+/-1231.998 χ^2/NDF : 8.1/7

eigen_cor_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2152.633+/-1.264 χ^2/NDF : 414367.6/2

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

Right Out: 2079.086+/-1.202 χ^2/NDF : 171411.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

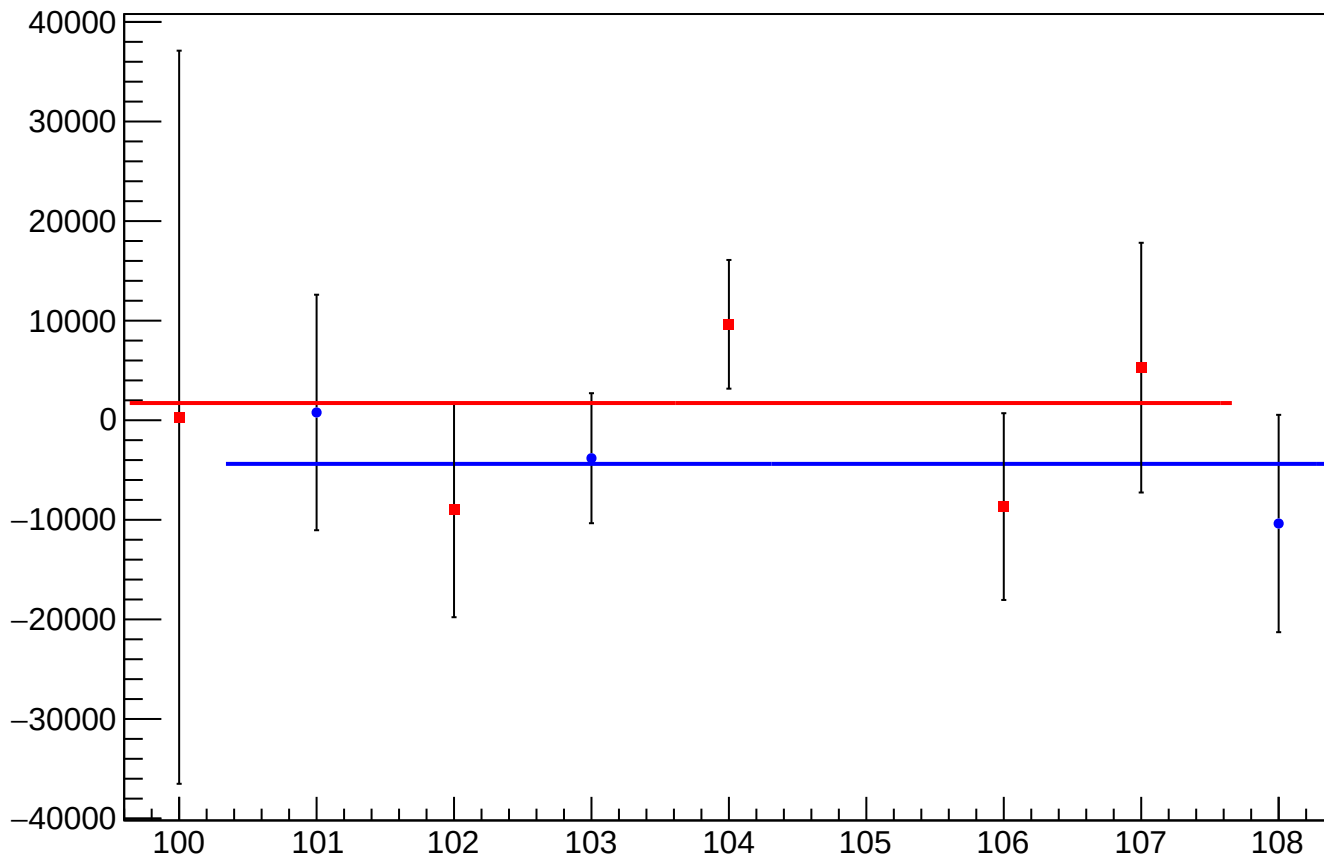
Right: 2114.030+/-0.871 χ^2/NDF : 587557.0/7

In: 2152.633+/-1.264 χ^2/NDF : 414367.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2114.030+/-0.871 χ^2/NDF : 587557.0/7

asym_atr2_eigen_cor_correction_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: -919.108+/-3332.506 χ^2/NDF : 5.1/7

In: -4382.173+/-5063.104 χ^2/NDF : 0.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -919.108+/-3332.506 χ^2/NDF : 5.1/7

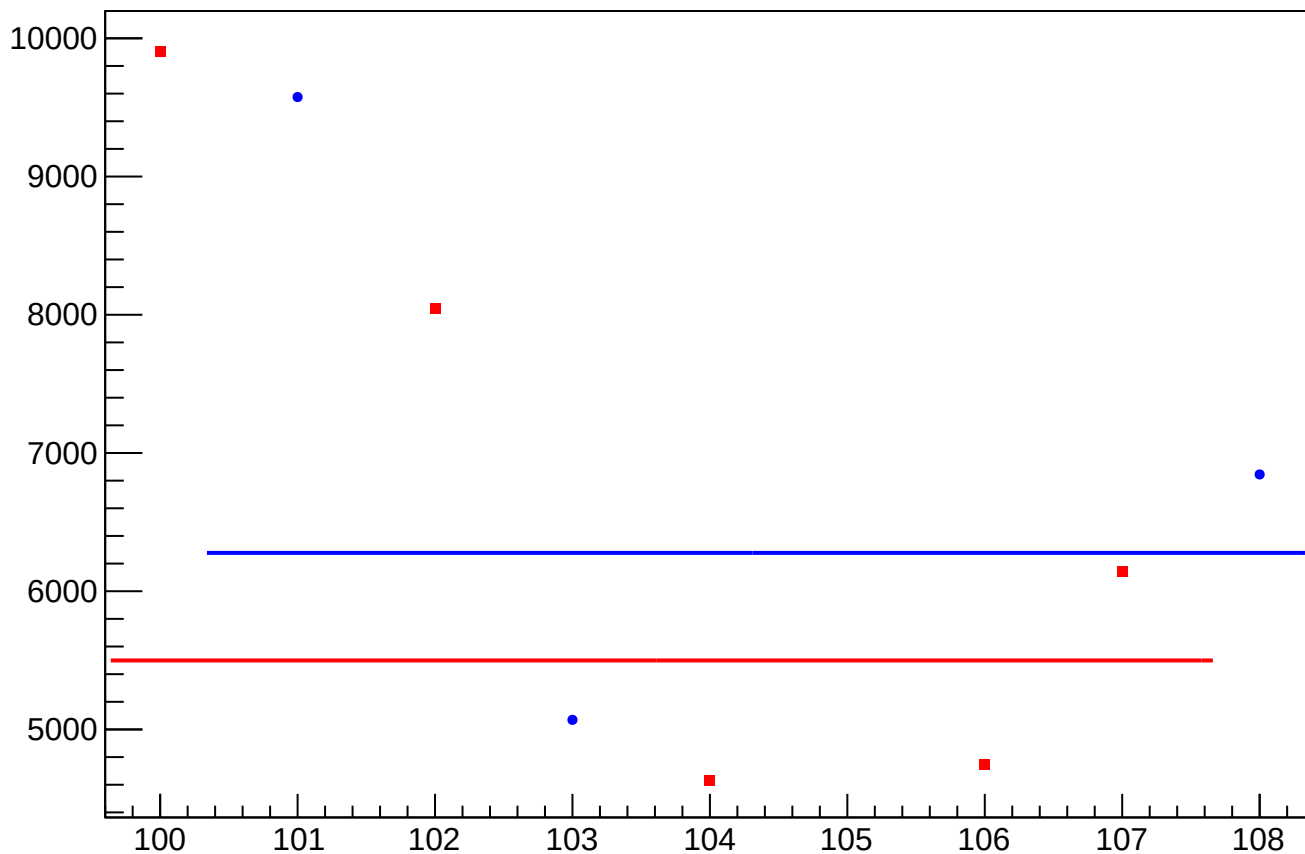
Right In: -4382.173+/-5063.104 χ^2/NDF : 0.5/2

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

Right Out: 1727.891+/-4426.531 χ^2/NDF : 3.8/4

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

asym_atr2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 6277.466+/-3.580 χ^2/NDF : 229386.1/2

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

Right Out: 5499.241+/-3.130 χ^2/NDF : 194492.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

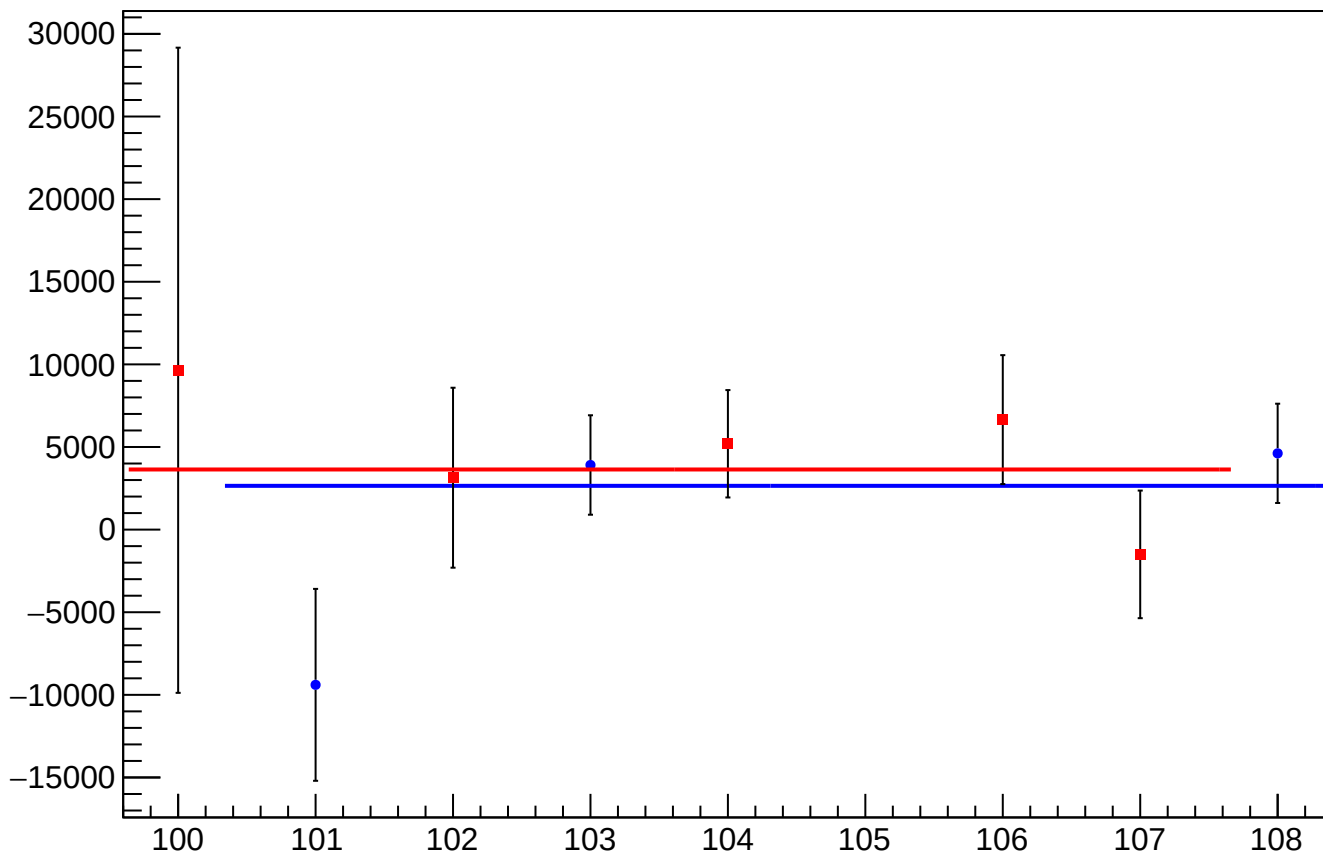
Right: 5836.384+/-2.356 χ^2/NDF : 450659.1/7

In: 6277.466+/-3.580 χ^2/NDF : 229386.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5836.384+/-2.356 χ^2/NDF : 450659.1/7

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 2649.308+/-1996.427 χ^2/NDF : 4.9/2

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

Right Out: 3638.910+/-1946.990 χ^2/NDF : 2.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

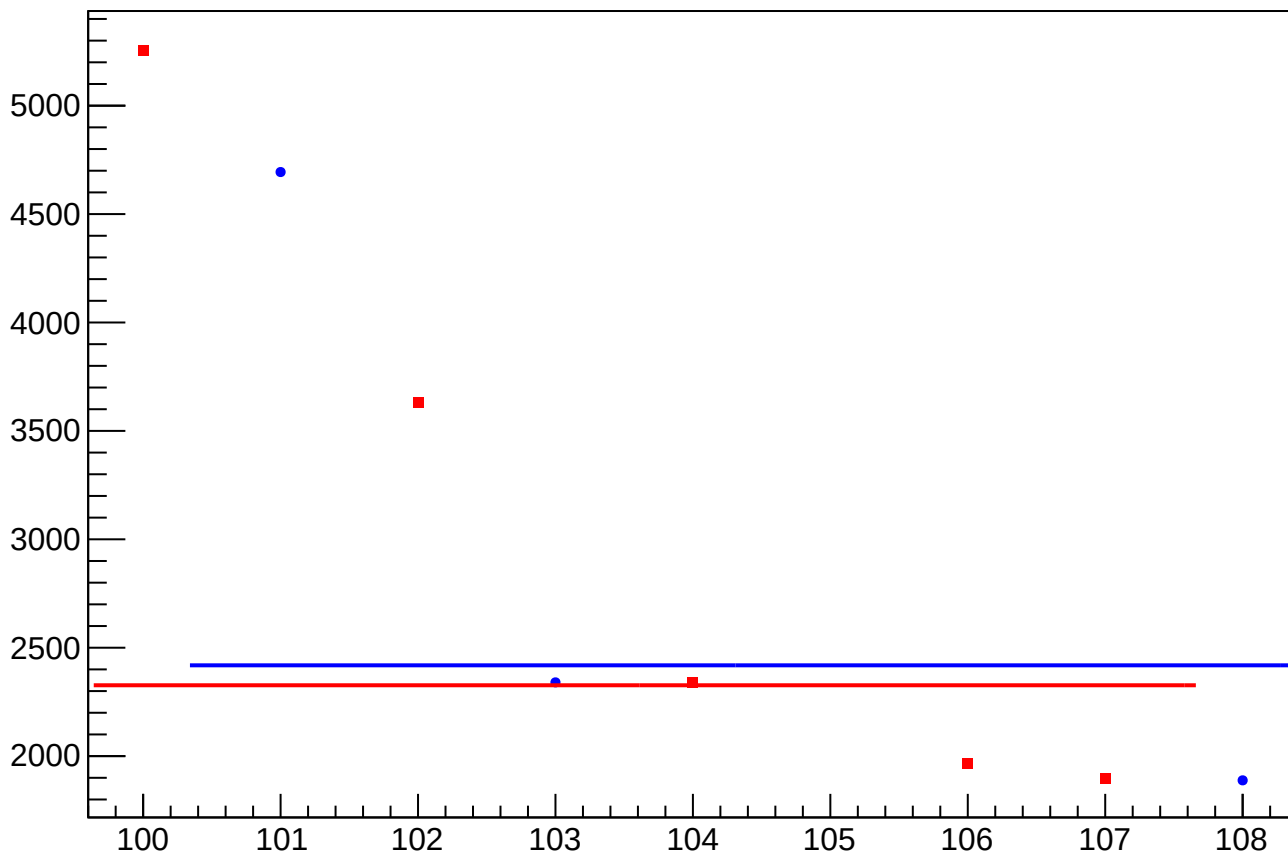
Right: 3156.513+/-1393.880 χ^2/NDF : 7.7/7

In: 2649.308+/-1996.427 χ^2/NDF : 4.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3156.513+/-1393.880 χ^2/NDF : 7.7/7

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2418.801+/-1.412 χ^2/NDF : 370732.6/2

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

Right Out: 2326.804+/-1.373 χ^2/NDF : 201598.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

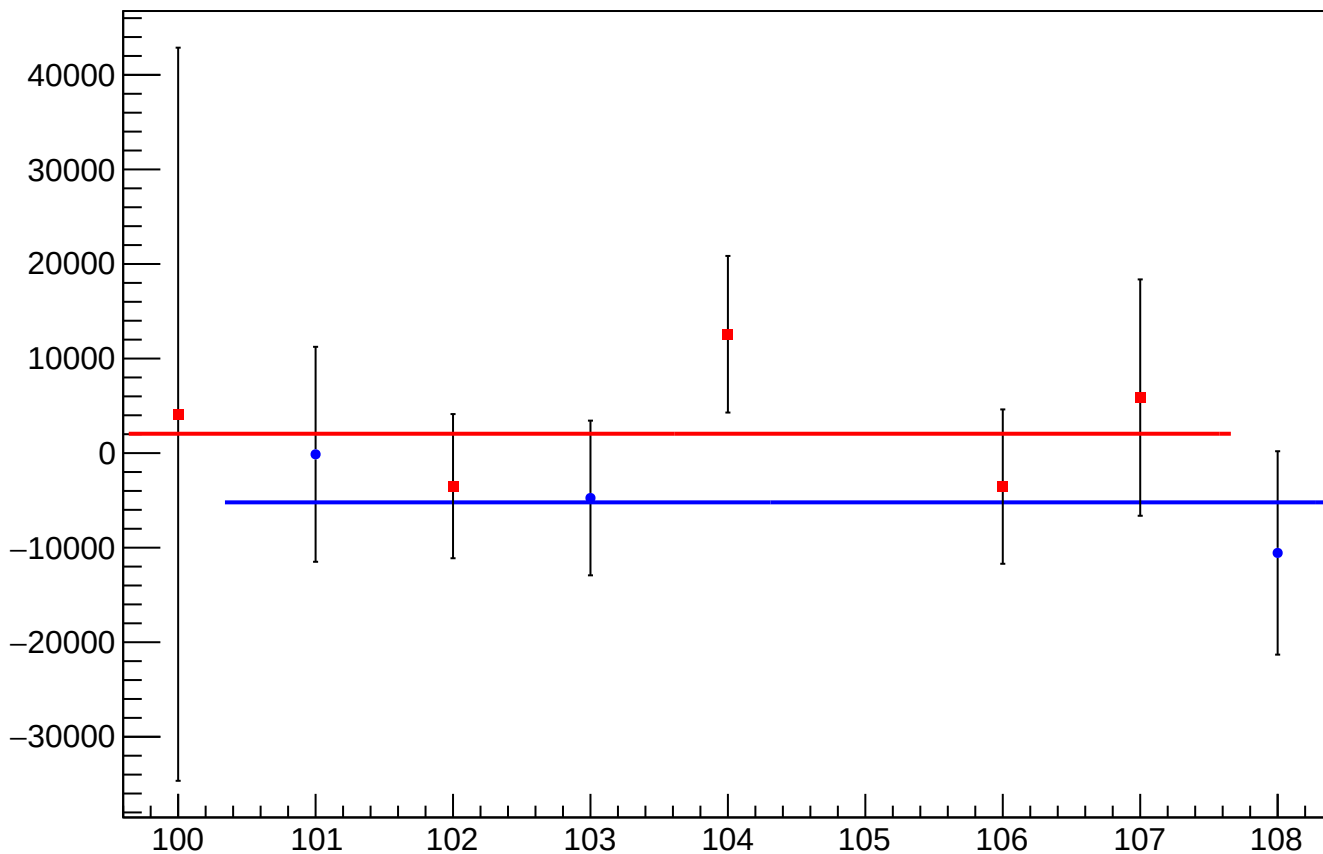
Right: 2371.540+/-0.984 χ^2/NDF : 574513.0/7

In: 2418.801+/-1.412 χ^2/NDF : 370732.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2371.540+/-0.984 χ^2/NDF : 574513.0/7

asym_atr2_dit_correction_mean vs Slug, Sign Corrected



Right In: -5207.988+/-5649.882 χ^2/NDF : 0.5/2

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

Right Out: 2048.134+/-4308.705 χ^2/NDF : 2.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

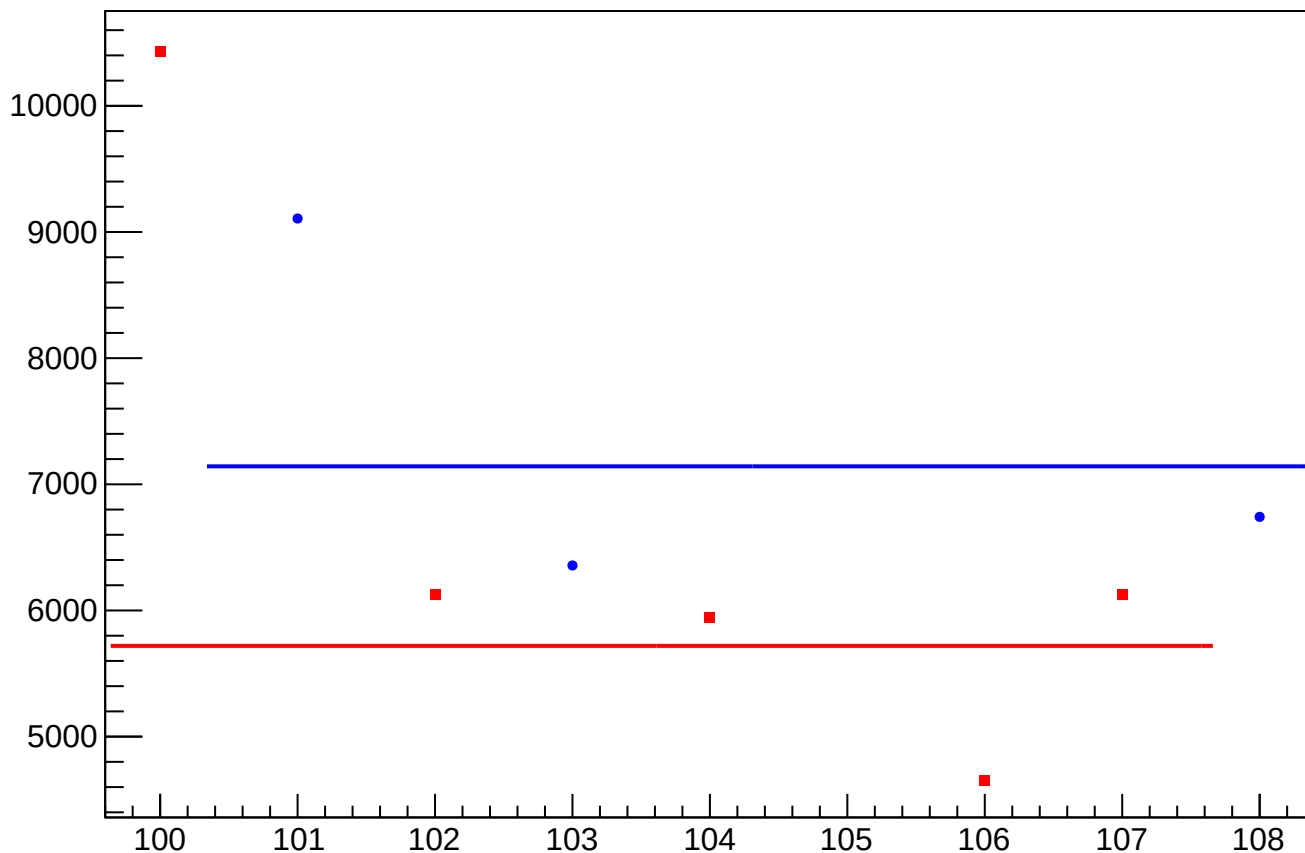
Right: -620.115+/-3426.101 χ^2/NDF : 4.2/7

In: -5207.988+/-5649.882 χ^2/NDF : 0.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -620.115+/-3426.101 χ^2/NDF : 4.2/7

asym_atr2_dit_correction_rms vs Slug, Sign Corrected



Right In: 7142.527+/-3.995 χ^2/NDF : 80958.0/2

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

Right Out: 5719.390+/-3.047 χ^2/NDF : 72774.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

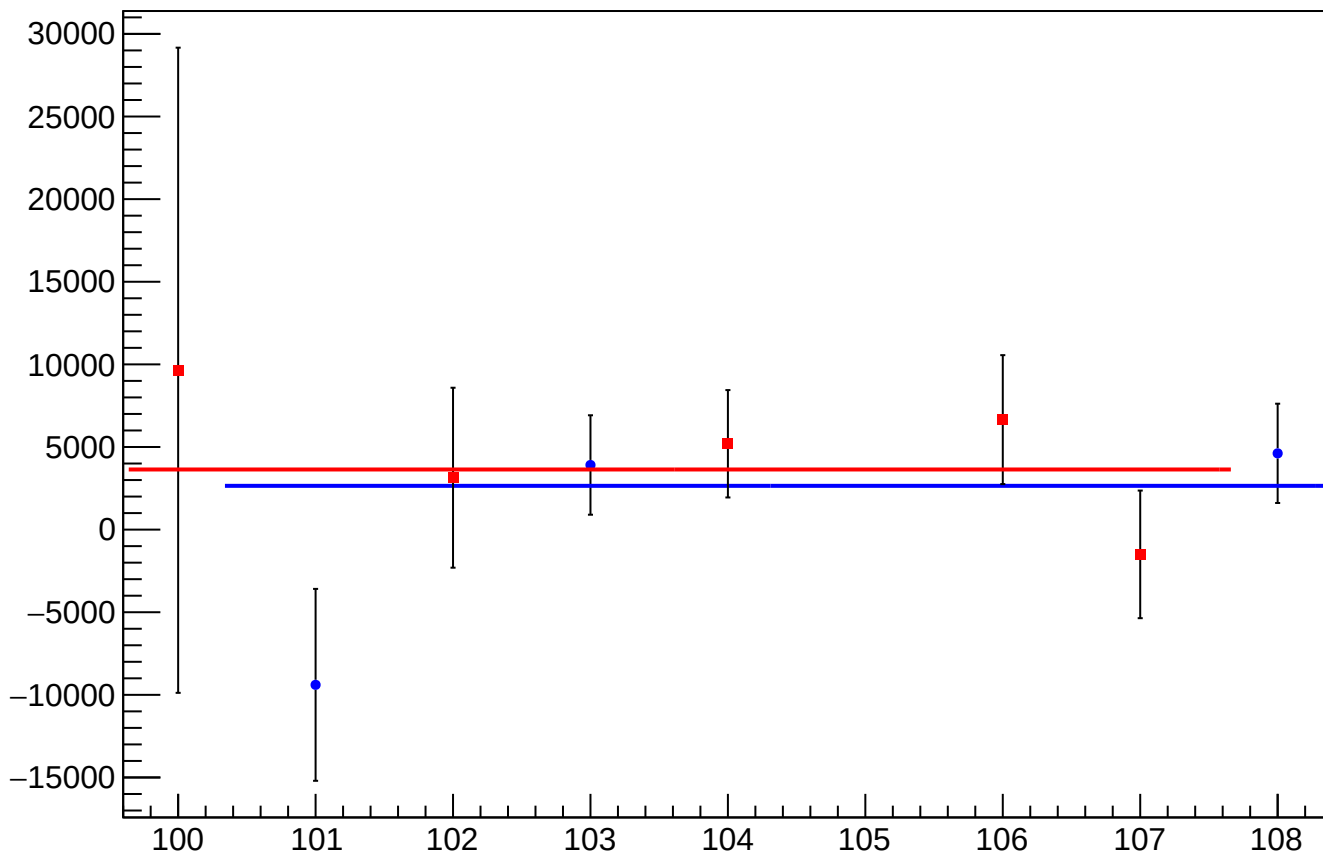
Right: 6242.711+/-2.423 χ^2/NDF : 233965.6/7

In: 7142.527+/-3.995 χ^2/NDF : 80958.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6242.711+/-2.423 χ^2/NDF : 233965.6/7

eigen_dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 2649.299+/-1996.427 χ^2/NDF : 4.9/2

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

Right Out: 3638.912+/-1946.991 χ^2/NDF : 2.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

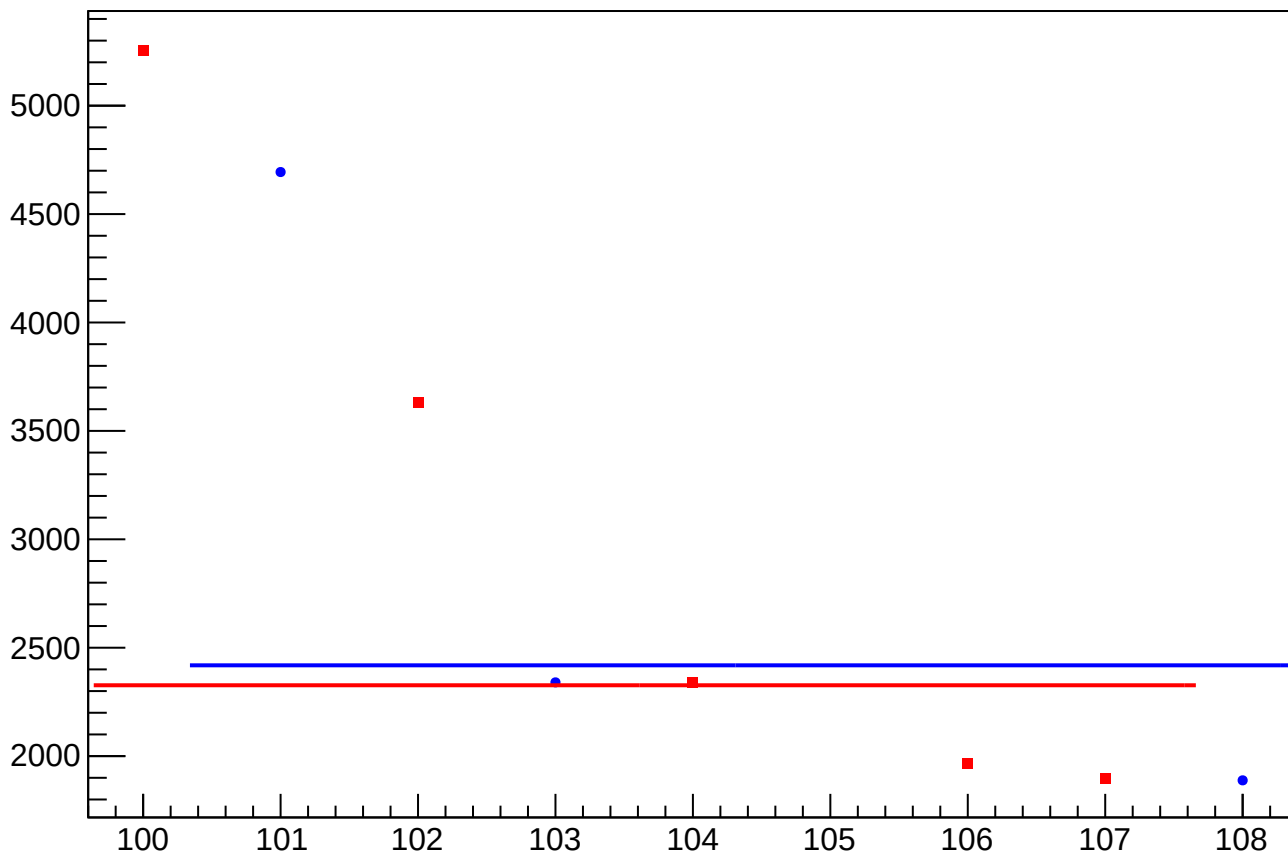
Right: 3156.510+/-1393.880 χ^2/NDF : 7.7/7

In: 2649.299+/-1996.427 χ^2/NDF : 4.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3156.510+/-1393.880 χ^2/NDF : 7.7/7

eigen_dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2418.801+/-1.412 χ^2/NDF : 370732.8/2

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

Right Out: 2326.804+/-1.373 χ^2/NDF : 201598.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

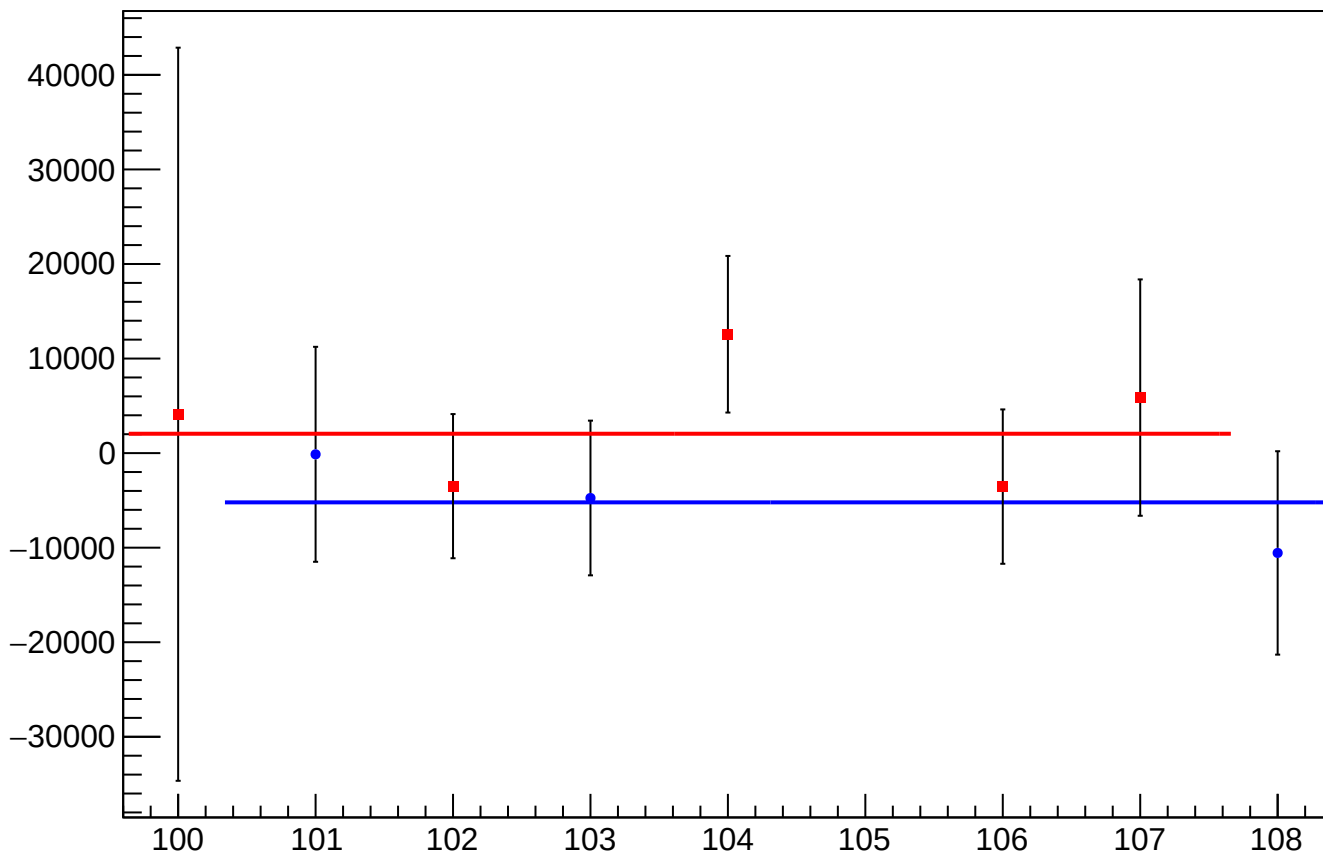
Right: 2371.540+/-0.984 χ^2/NDF : 574512.9/7

In: 2418.801+/-1.412 χ^2/NDF : 370732.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2371.540+/-0.984 χ^2/NDF : 574512.9/7

asym_atr2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -5207.995 $\pm$ 5649.882 χ^2 /NDF: 0.5/2

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

Right Out: 2048.142 $\pm$ 4308.699 χ^2 /NDF: 2.7/4

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

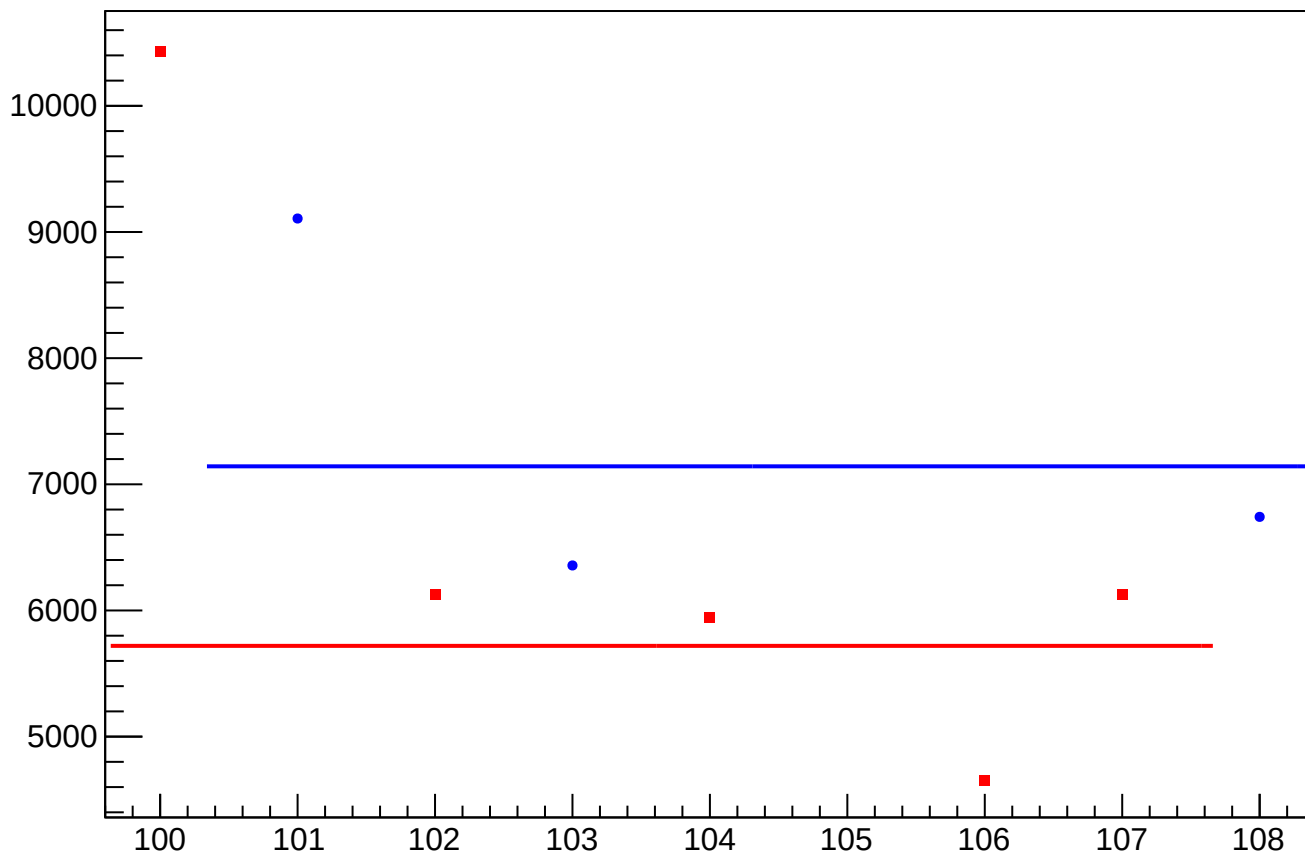
Right: -620.108 $\pm$ 3426.098 χ^2 /NDF: 4.2/7

In: -5207.995 $\pm$ 5649.882 χ^2 /NDF: 0.5/2

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

All: -620.108 $\pm$ 3426.098 χ^2 /NDF: 4.2/7

asym_atr2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 7142.527+/-3.995 χ^2/NDF : 80957.4/2

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

Right Out: 5719.382+/-3.047 χ^2/NDF : 72775.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

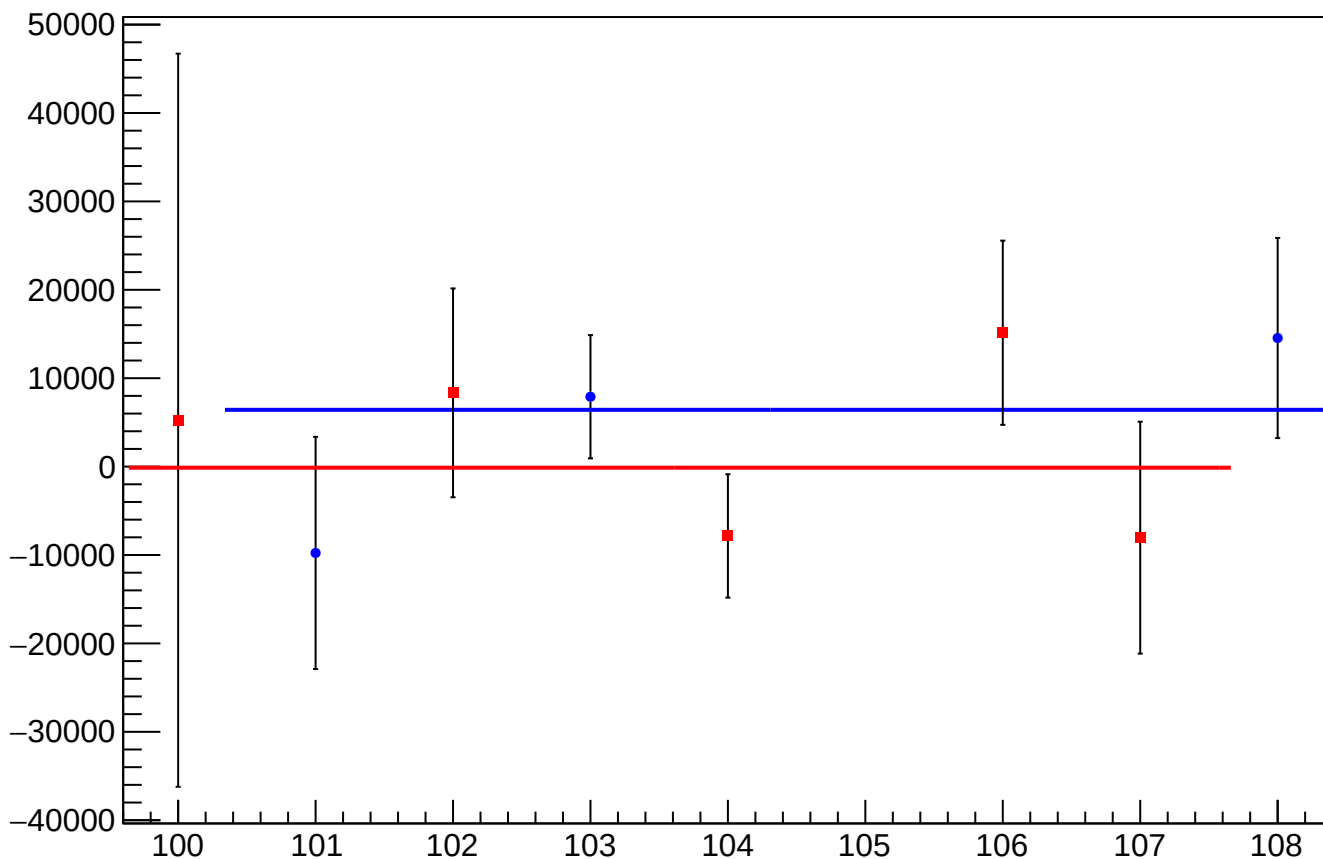
Right: 6242.705+/-2.423 χ^2/NDF : 233966.7/7

In: 7142.527+/-3.995 χ^2/NDF : 80957.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6242.705+/-2.423 χ^2/NDF : 233966.7/7

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6423.920+/-5407.930 χ^2/NDF : 2.1/2

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

Right Out: -122.580+/-4805.761 χ^2/NDF : 4.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

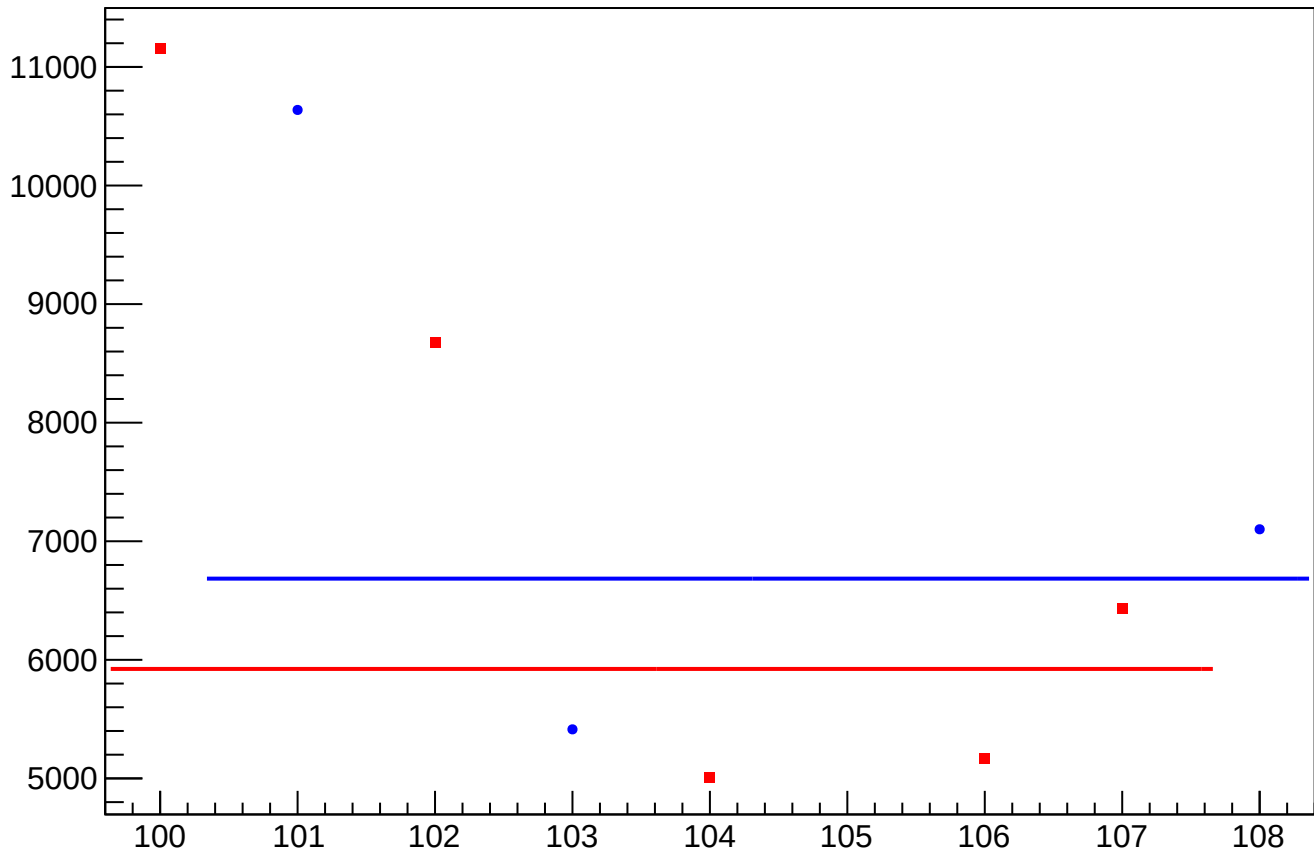
Right: 2766.045+/-3592.295 χ^2/NDF : 7.2/7

In: 6423.920+/-5407.930 χ^2/NDF : 2.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2766.045+/-3592.295 χ^2/NDF : 7.2/7

asym_atr2_rms vs Slug, Sign Corrected



Right In: 6684.816+/-3.824 χ^2/NDF : 250435.1/2

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

Right Out: 5923.229+/-3.398 χ^2/NDF : 187969.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

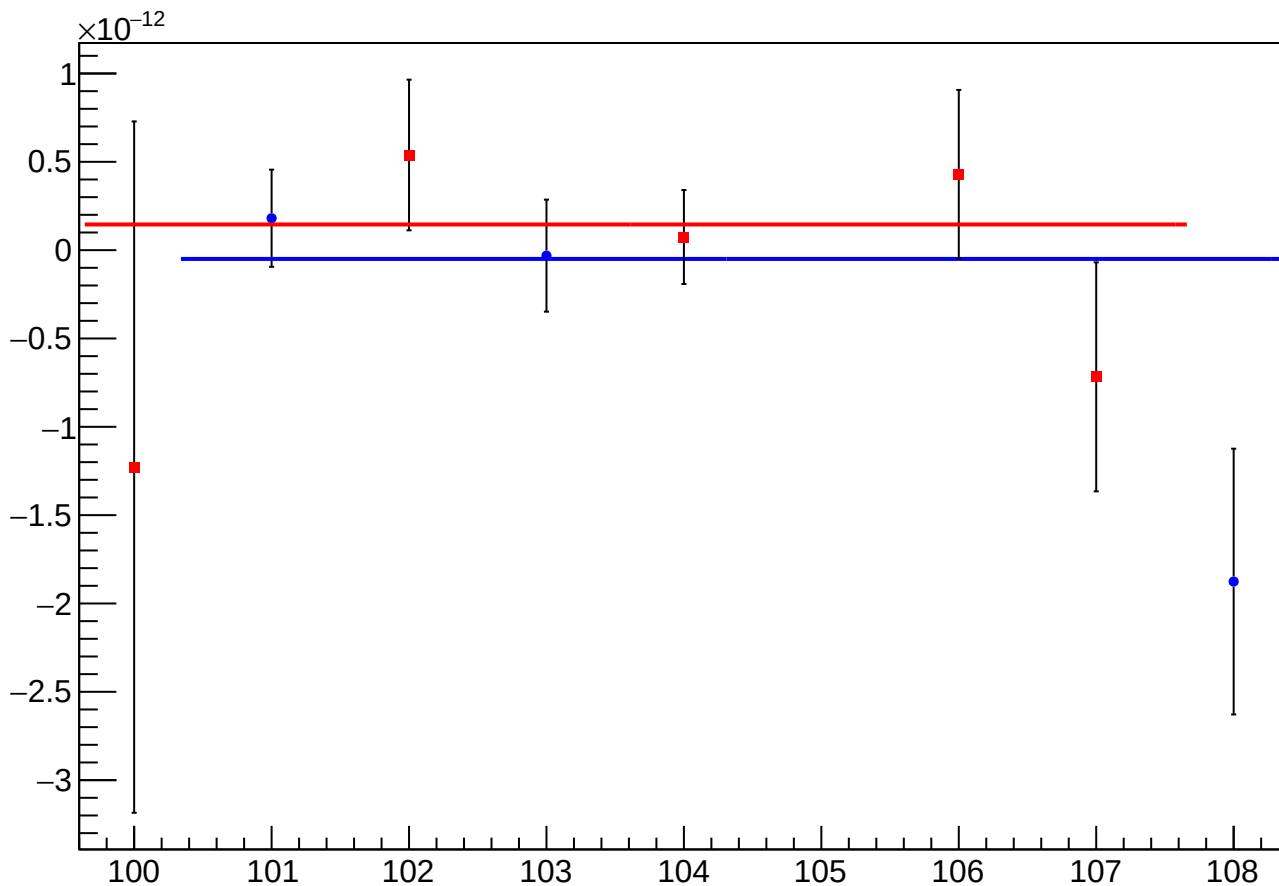
Right: 6259.260+/-2.540 χ^2/NDF : 460568.3/7

In: 6684.816+/-3.824 χ^2/NDF : 250435.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6259.260+/-2.540 χ^2/NDF : 460568.3/7

asym_atr2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 6.6/2

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

Right Out: 0.000+/-0.000 χ^2 /NDF: 3.5/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

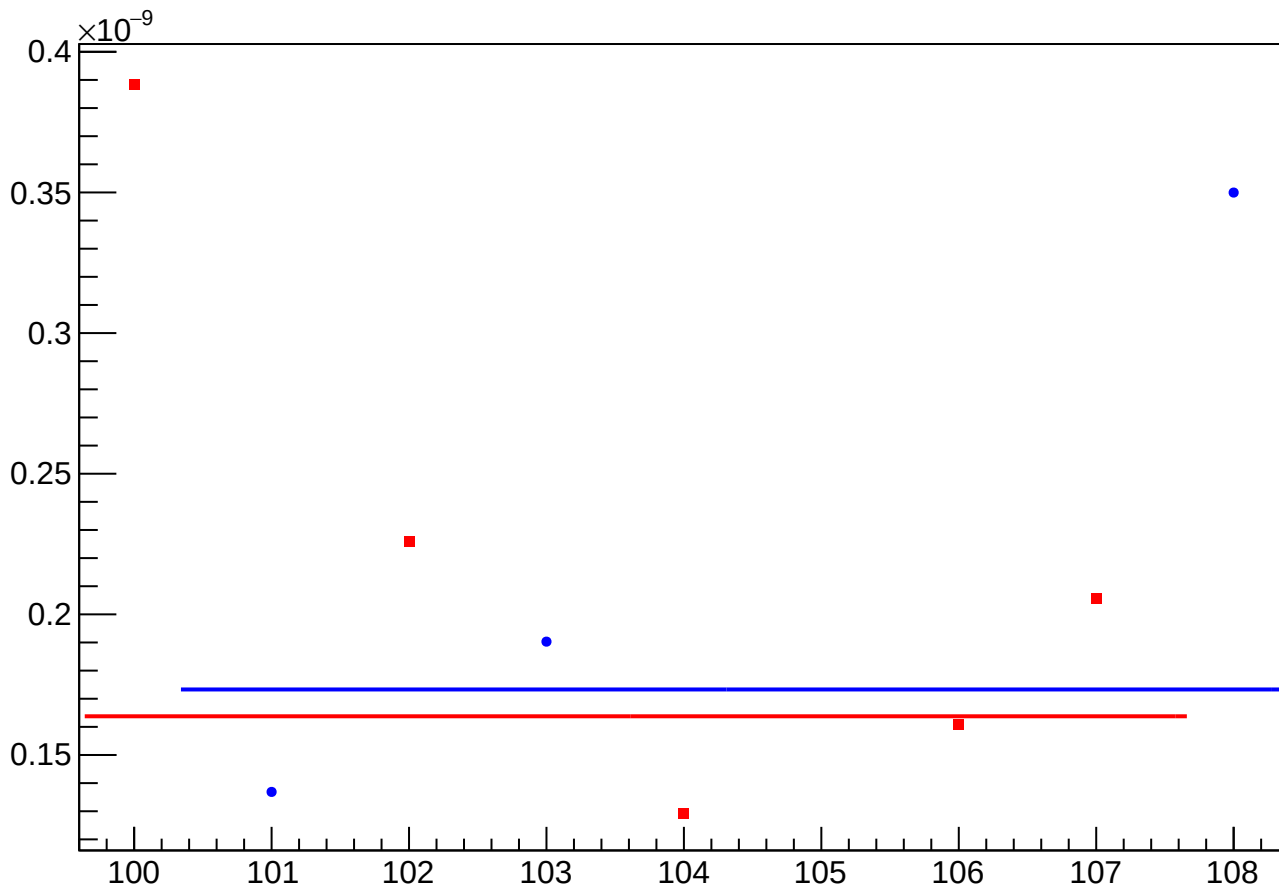
Right: 0.000+/-0.000 χ^2 /NDF: 10.6/7

In: -0.000+/-0.000 χ^2 /NDF:6.6/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 10.6/7

asym_atr2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 151162.2/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 110870.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

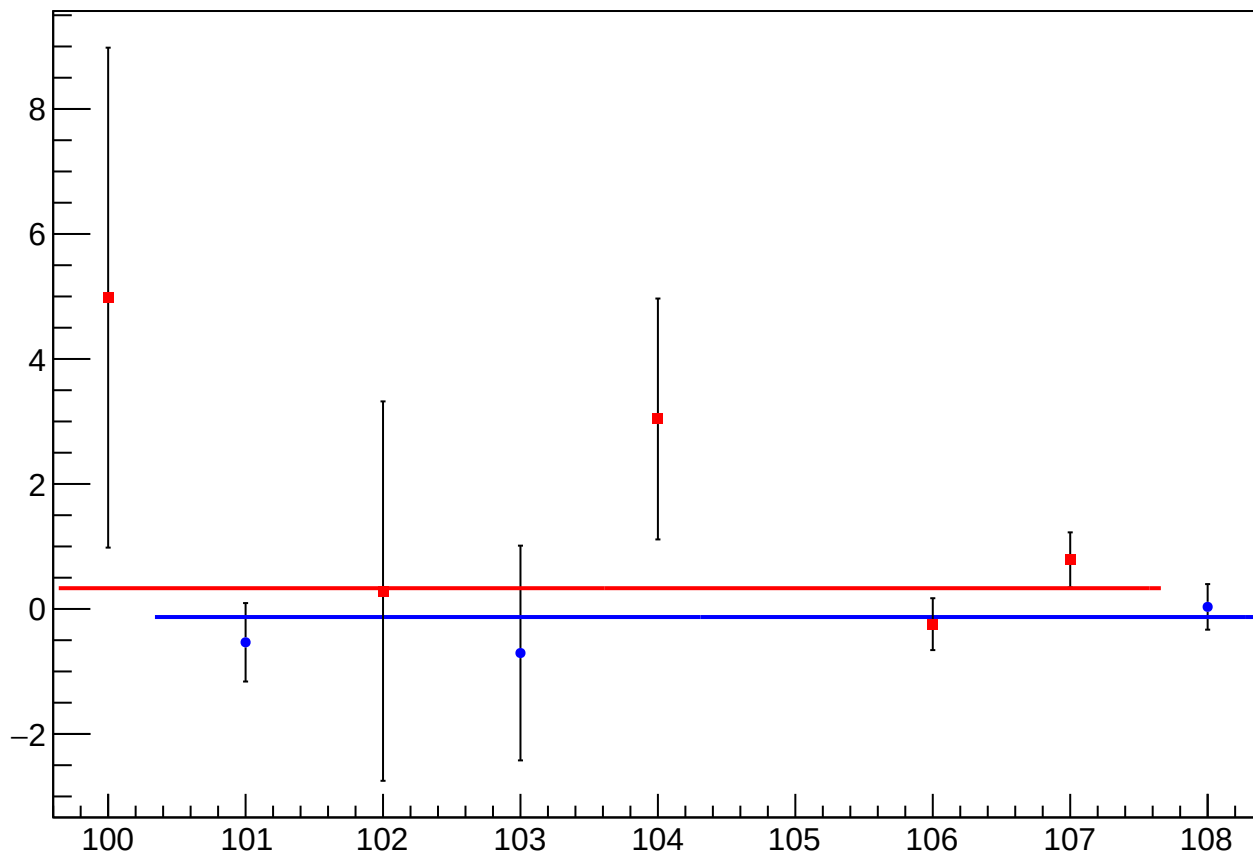
Right: 0.000+/-0.000 χ^2/NDF : 264376.2/7

In: 0.000+/-0.000 χ^2/NDF : 151162.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 264376.2/7

asym_atr2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.129 $\pm$ 0.310 χ^2 /NDF: 0.7/2

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

Right Out: 0.332 $\pm$ 0.296 χ^2 /NDF: 6.3/4

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

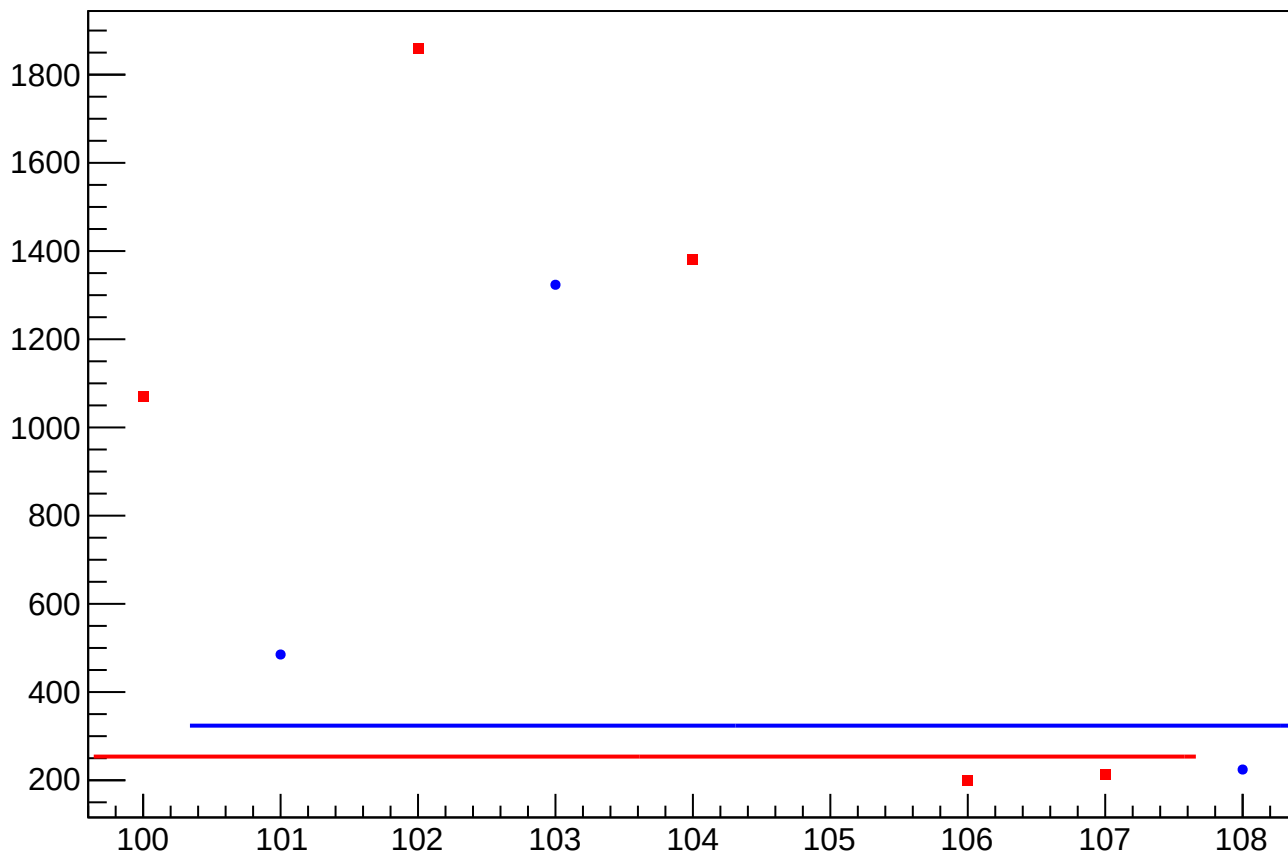
Right: 0.112 $\pm$ 0.214 χ^2 /NDF: 8.2/7

In: -0.129 $\pm$ 0.310 χ^2 /NDF:0.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.112 $\pm$ 0.214 χ^2 /NDF: 8.2/7

asym_atr2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 323.829+/-0.219 χ^2/NDF : 958161.1/2

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

Right Out: 253.692+/-0.209 χ^2/NDF : 1379347.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

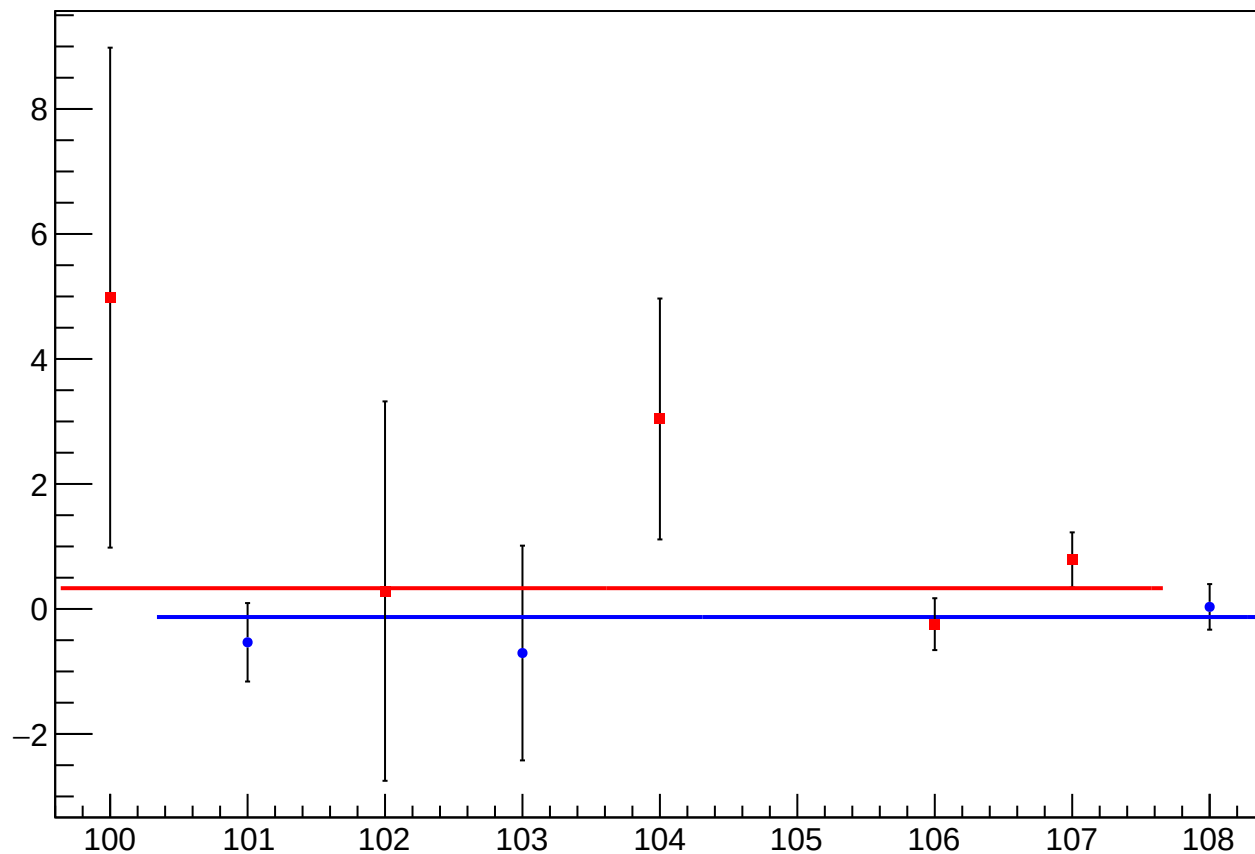
Right: 287.153+/-0.151 χ^2/NDF : 2390989.9/7

In: 323.829+/-0.219 χ^2/NDF : 958161.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 287.153+/-0.151 χ^2/NDF : 2390989.9/7

asym_atr2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.129 $\pm$ 0.310 χ^2 /NDF: 0.7/2

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

Right Out: 0.332 $\pm$ 0.296 χ^2 /NDF: 6.3/4

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

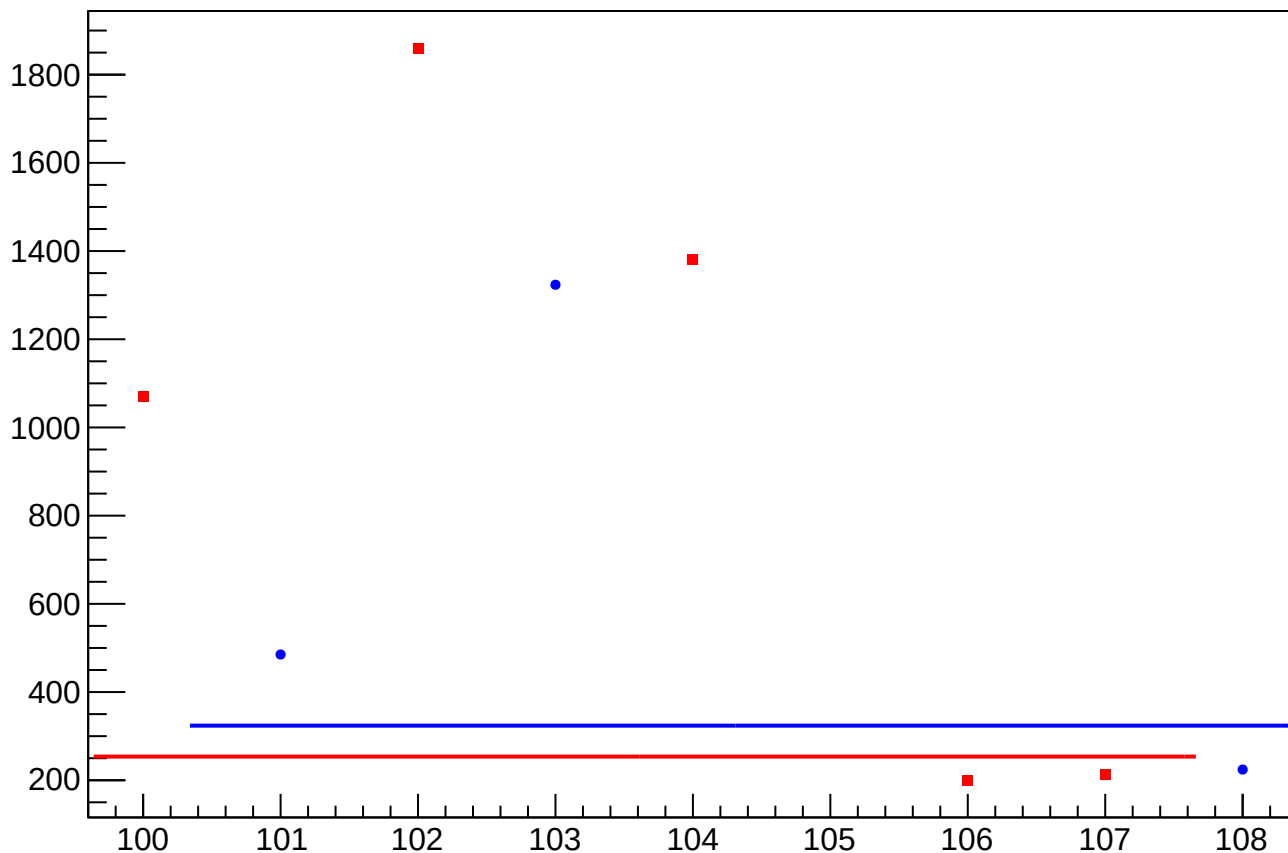
Right: 0.112 $\pm$ 0.214 χ^2 /NDF: 8.2/7

In: -0.129 $\pm$ 0.310 χ^2 /NDF: 0.7/2

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

All: 0.112 $\pm$ 0.214 χ^2 /NDF: 8.2/7

asym_atr2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 323.829+/-0.219 χ^2/NDF : 958161.1/2

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

Right Out: 253.692+/-0.209 χ^2/NDF : 1379347.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

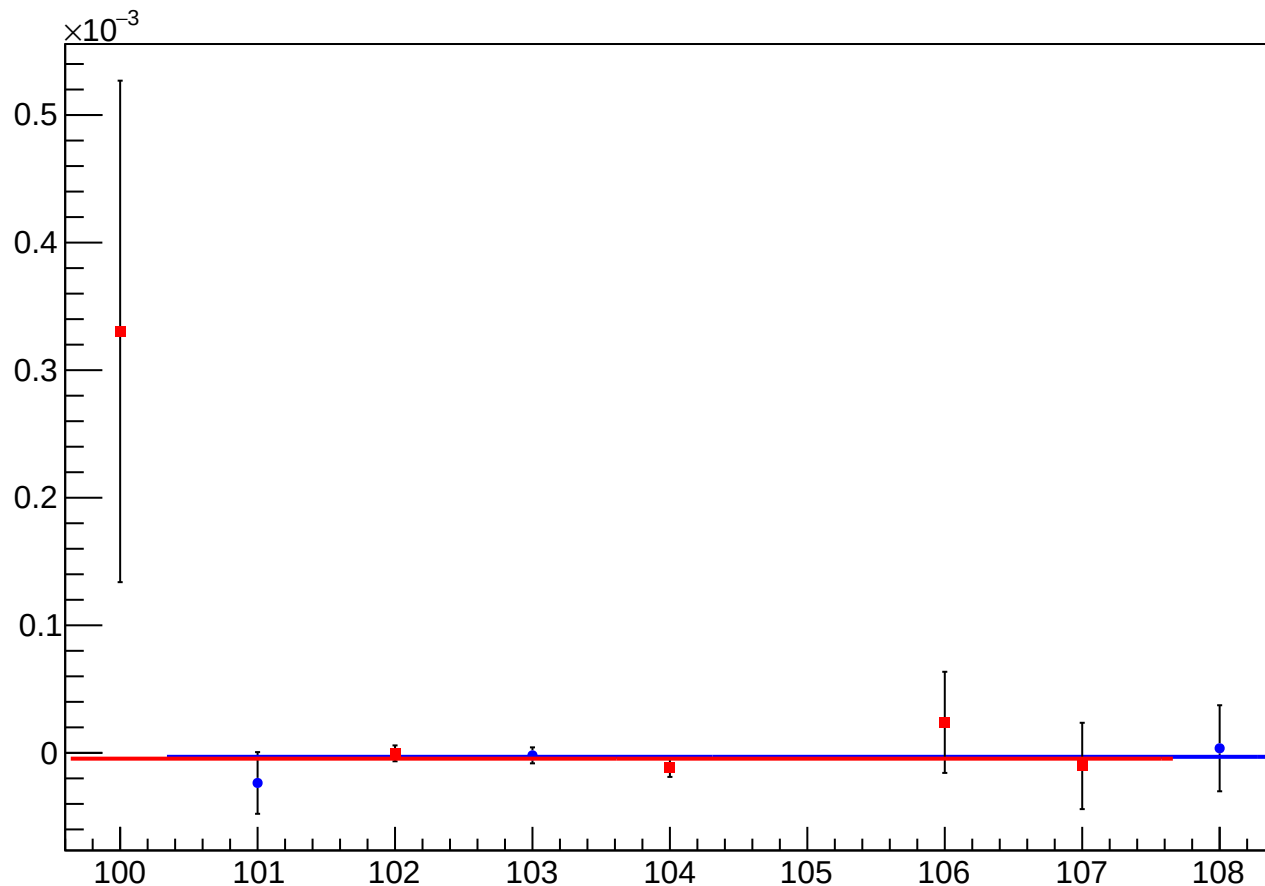
Right: 287.153+/-0.151 χ^2/NDF : 2390989.9/7

In: 323.829+/-0.219 χ^2/NDF : 958161.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 287.153+/-0.151 χ^2/NDF : 2390989.9/7

asym_atr2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.8/2

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

Right Out: -0.000+/-0.000 χ^2/NDF : 4.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

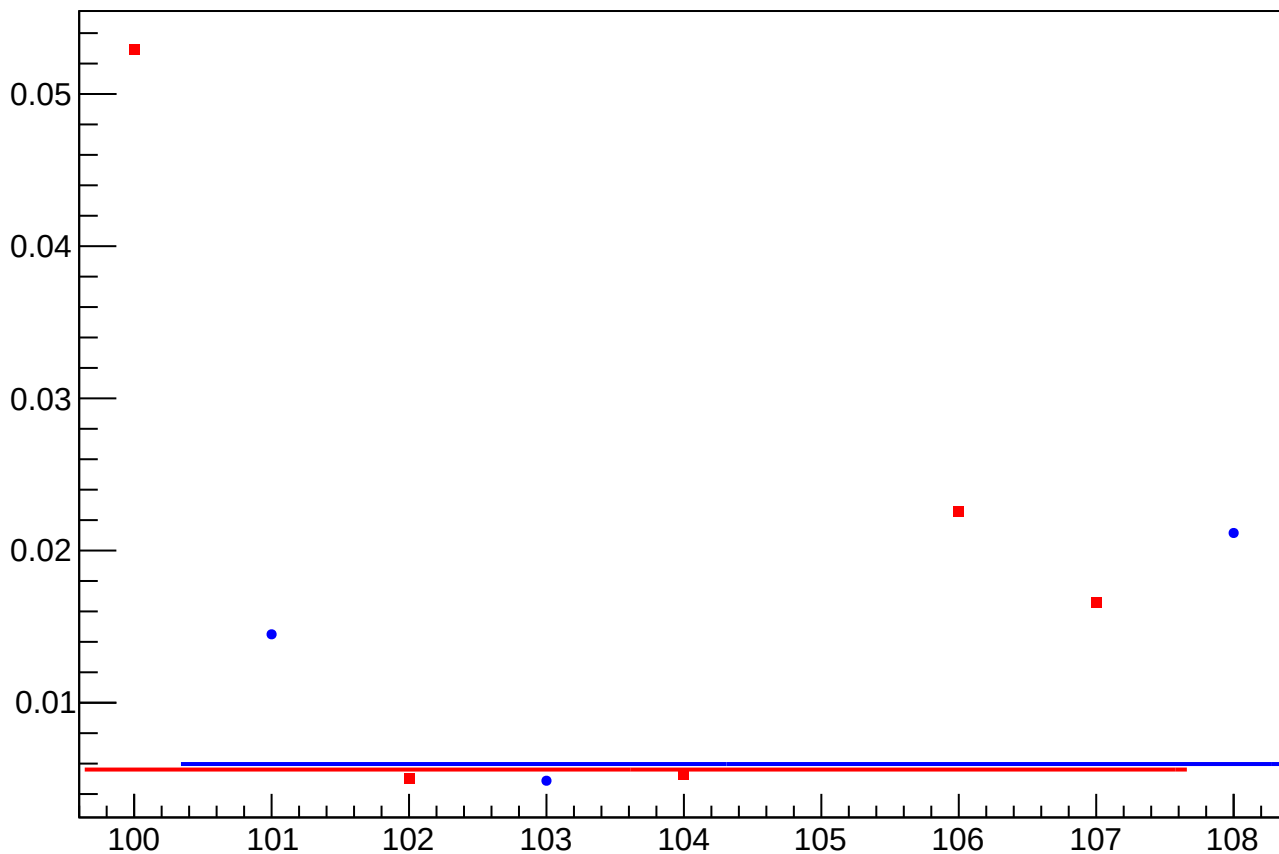
Right: -0.000+/-0.000 χ^2/NDF : 5.6/7

In: -0.000+/-0.000 χ^2/NDF : 0.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 5.6/7

asym_atr2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 715196.8/2

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

Right Out: 0.006+/-0.000 χ^2/NDF : 715817.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

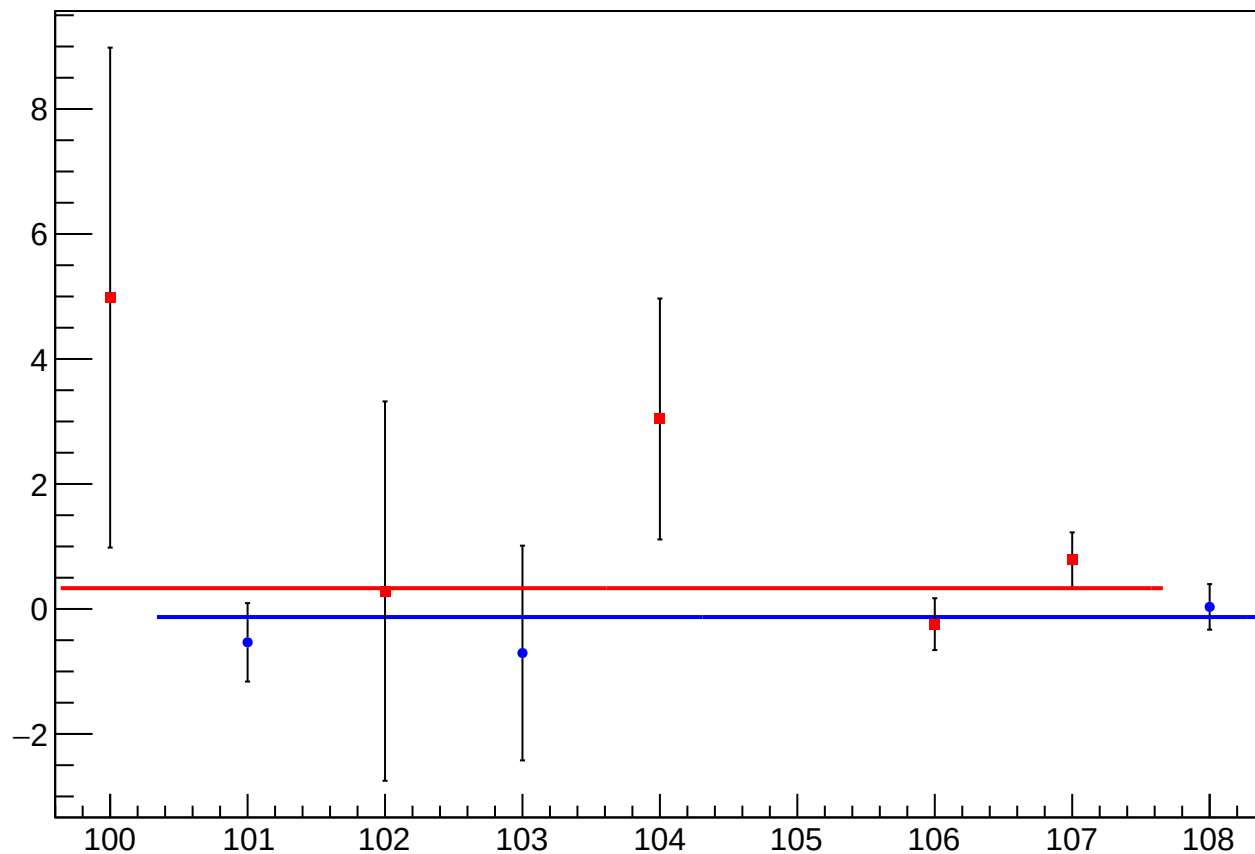
Right: 0.006+/-0.000 χ^2/NDF : 1435593.4/7

In: 0.006+/-0.000 χ^2/NDF : 715196.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1435593.4/7

asym_atr2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.129 $\pm$ 0.310 χ^2 /NDF: 0.7/2

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

Right Out: 0.332 $\pm$ 0.296 χ^2 /NDF: 6.3/4

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

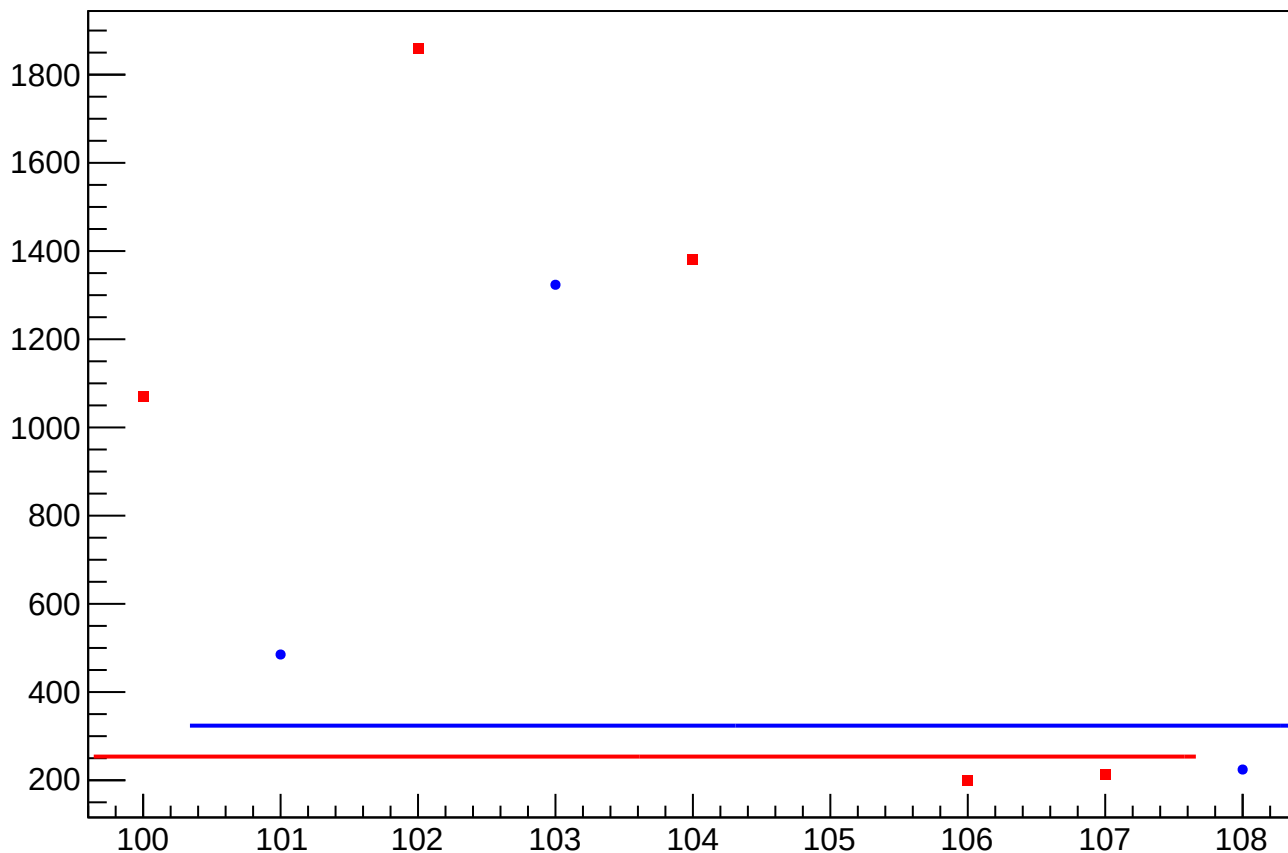
Right: 0.112 $\pm$ 0.214 χ^2 /NDF: 8.2/7

In: -0.129 $\pm$ 0.310 χ^2 /NDF: 0.7/2

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

All: 0.112 $\pm$ 0.214 χ^2 /NDF: 8.2/7

asym_atr2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 323.822+/-0.219 χ^2/NDF : 958180.3/2

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

Right Out: 253.691+/-0.209 χ^2/NDF : 1379349.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

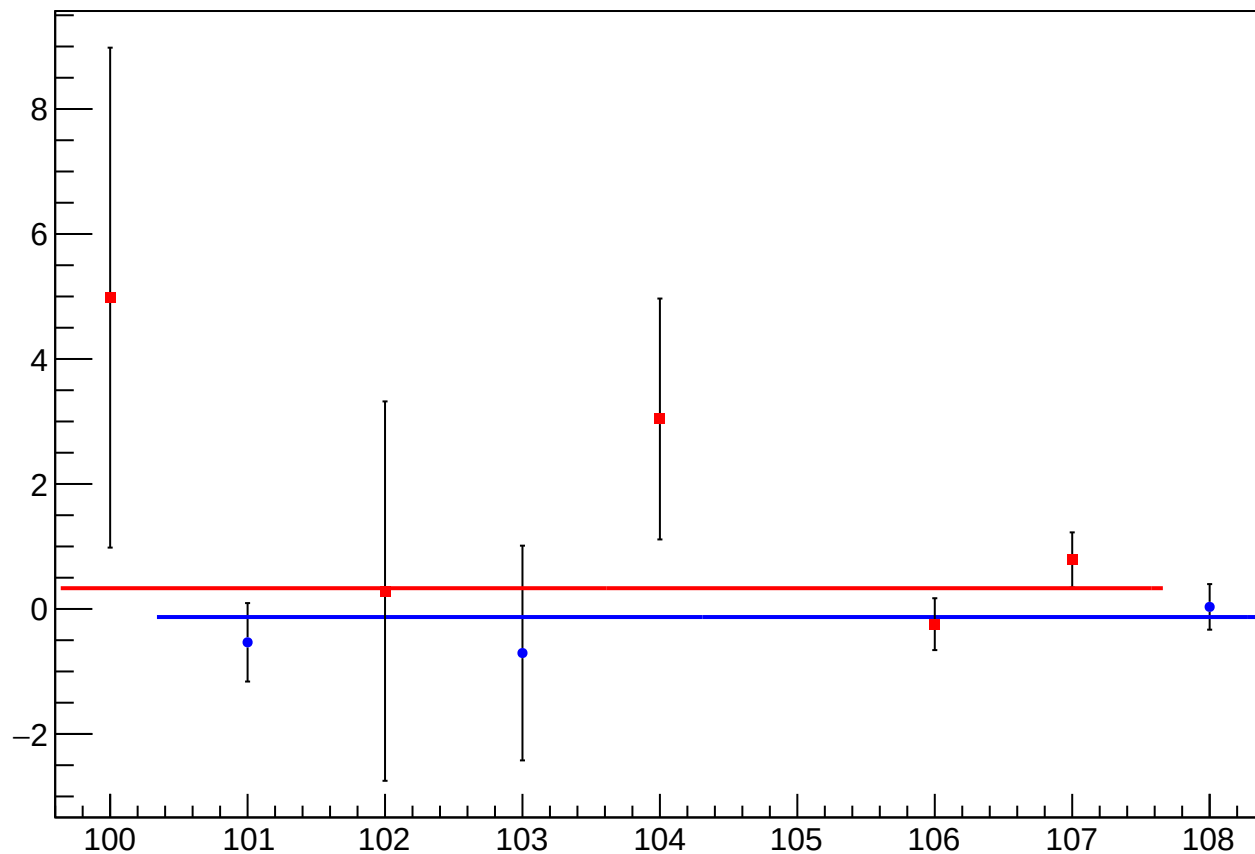
Right: 287.150+/-0.151 χ^2/NDF : 2391003.3/7

In: 323.822+/-0.219 χ^2/NDF : 958180.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 287.150+/-0.151 χ^2/NDF : 2391003.3/7

asym_atr2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.129 $\pm$ 0.310 χ^2 /NDF: 0.7/2

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

Right Out: 0.332 $\pm$ 0.296 χ^2 /NDF: 6.3/4

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

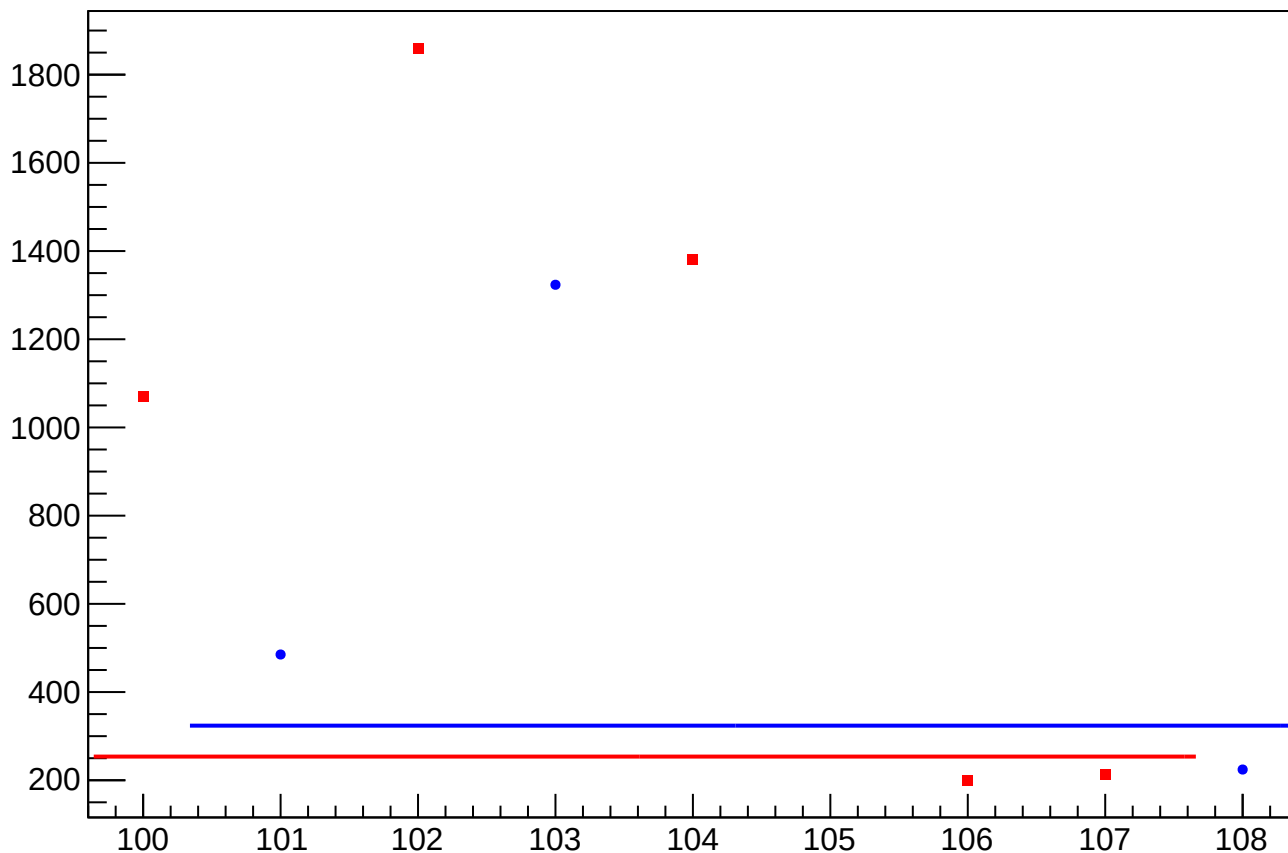
Right: 0.112 $\pm$ 0.214 χ^2 /NDF: 8.2/7

In: -0.129 $\pm$ 0.310 χ^2 /NDF:0.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.112 $\pm$ 0.214 χ^2 /NDF: 8.2/7

asym_atr2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 323.822+/-0.219 χ^2/NDF : 958180.3/2

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

Right Out: 253.691+/-0.209 χ^2/NDF : 1379349.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

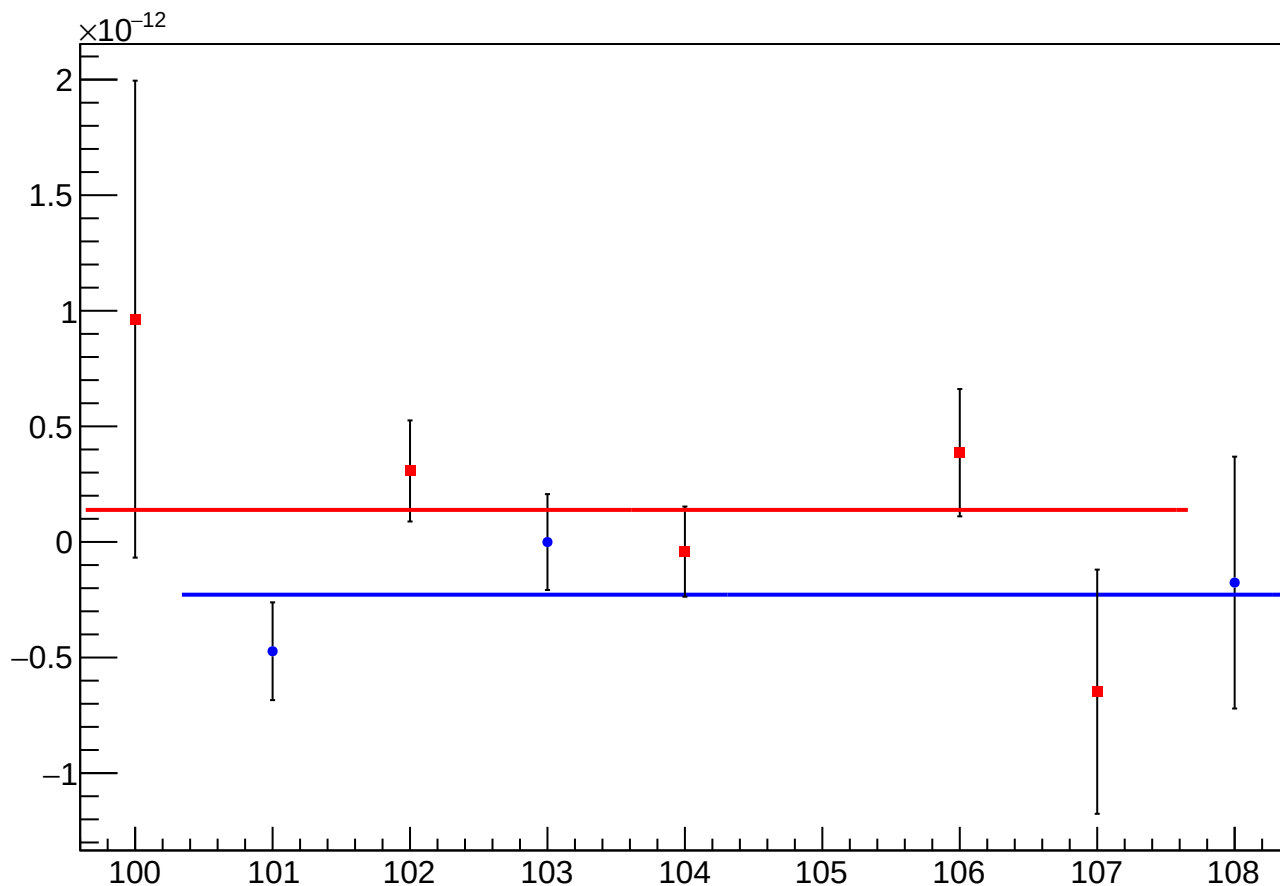
Right: 287.150+/-0.151 χ^2/NDF : 2391003.3/7

In: 323.822+/-0.219 χ^2/NDF : 958180.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 287.150+/-0.151 χ^2/NDF : 2391003.3/7

asym_atr2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.6/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 5.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

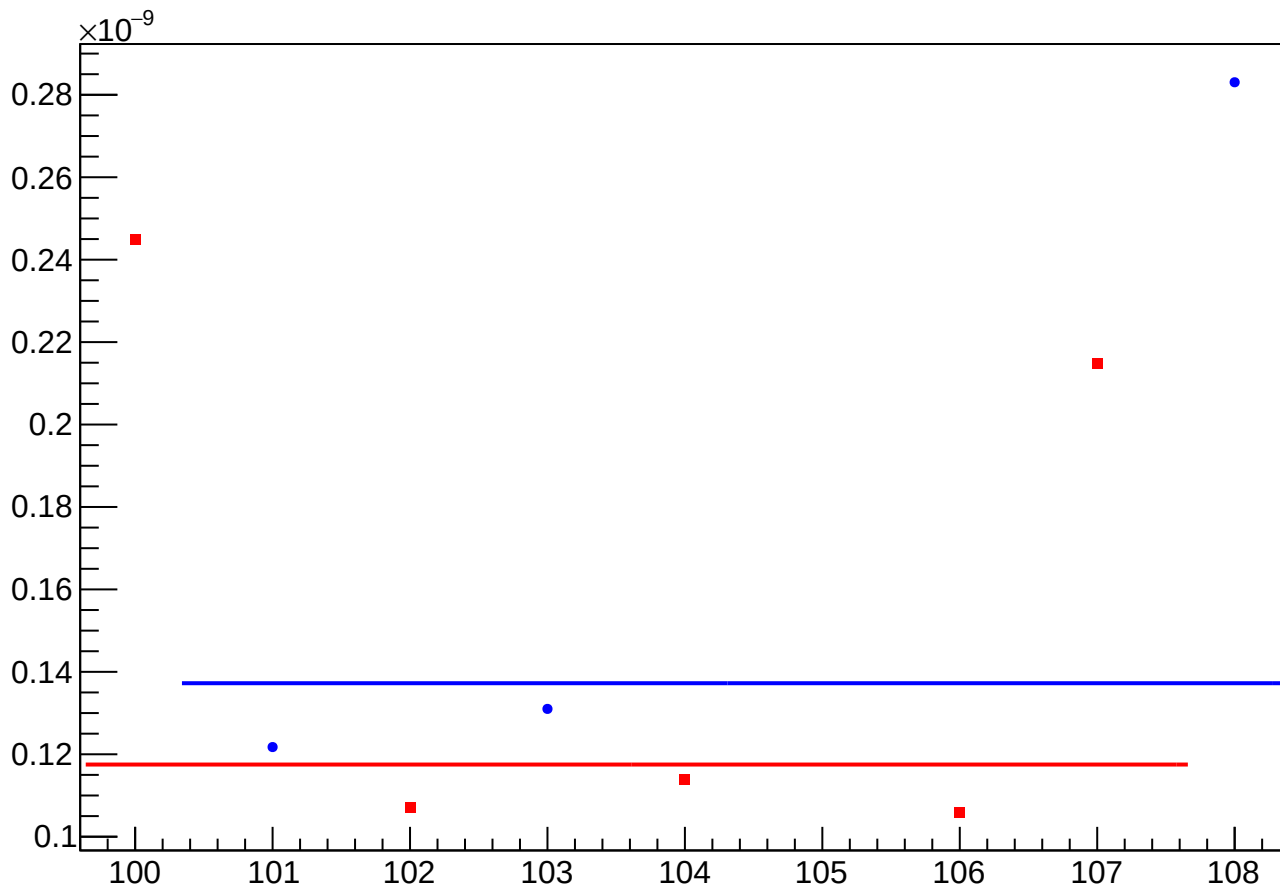
Right: -0.000+/-0.000 χ^2/NDF : 11.4/7

In: -0.000+/-0.000 χ^2/NDF : 2.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.4/7

asym_atr2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 155837.4/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 107079.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

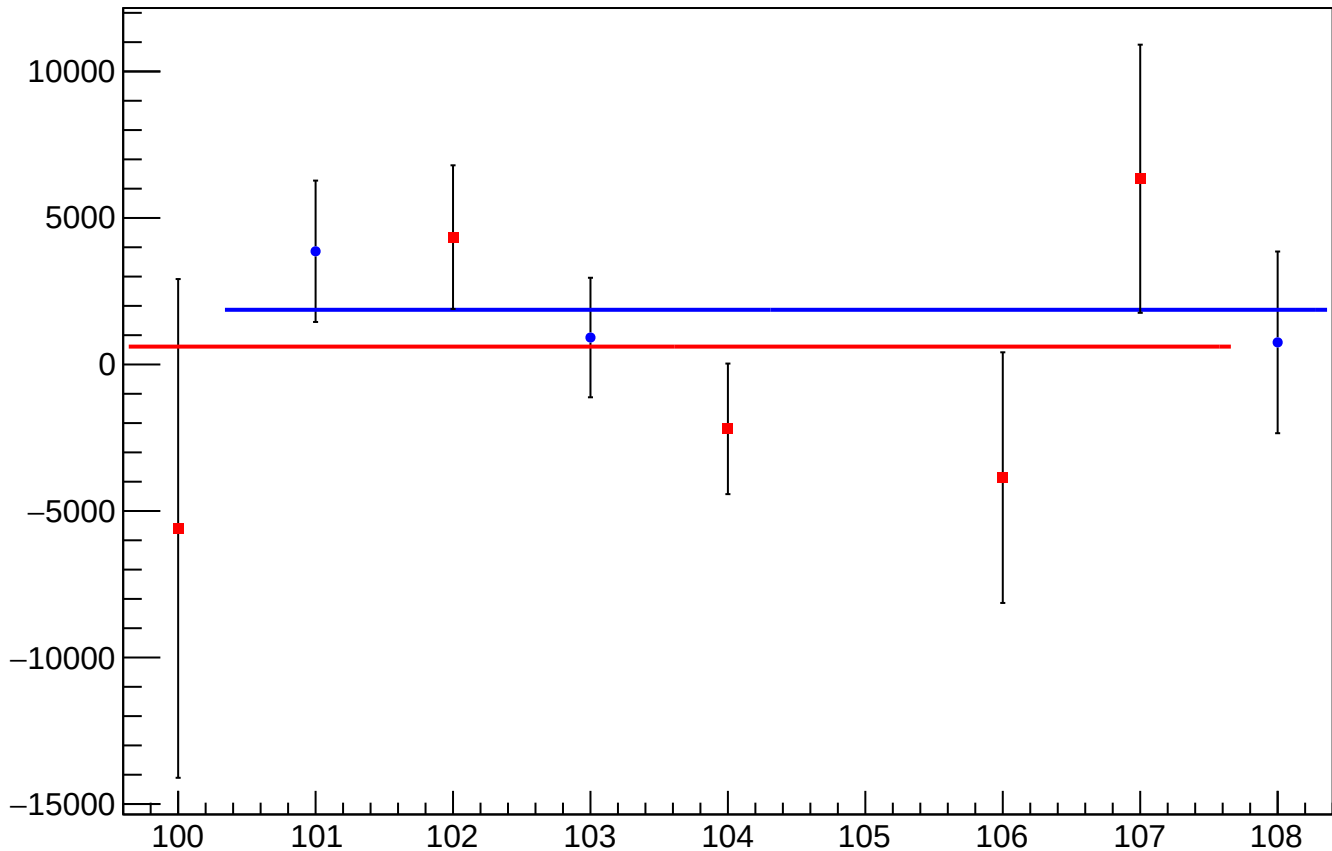
Right: 0.000+/-0.000 χ^2/NDF : 284662.0/7

In: 0.000+/-0.000 χ^2/NDF : 155837.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 284662.0/7

reg_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1866.342+/-1391.739 χ^2 /NDF: 1.0/2

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

Right Out: 610.136+/-1437.123 χ^2 /NDF: 7.1/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

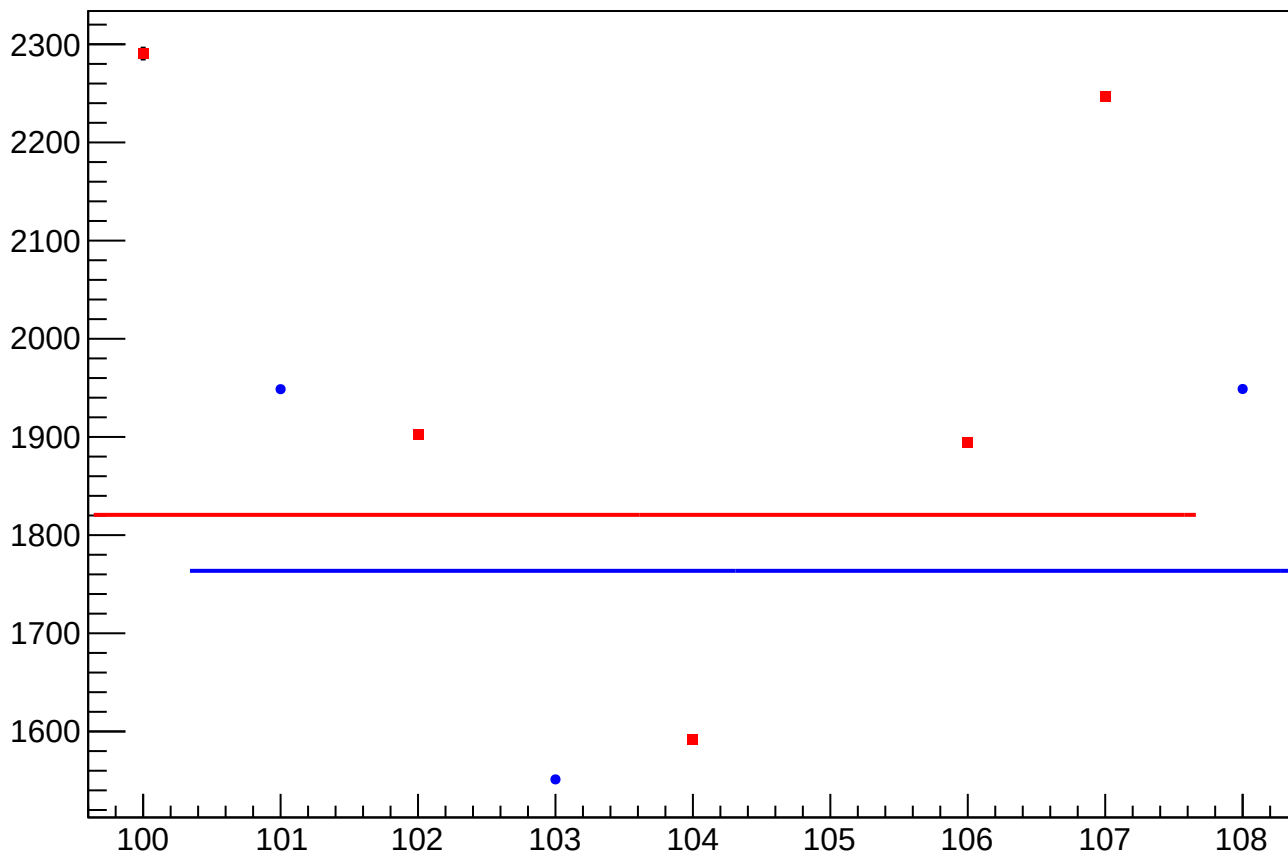
Right: 1258.387+/-999.768 χ^2 /NDF: 8.5/7

In: 1866.342+/-1391.739 χ^2 /NDF:1.0/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1258.387+/-999.768 χ^2 /NDF: 8.5/7

reg_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1763.622+/-0.984 χ^2/NDF : 40606.7/2

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

Right Out: 1820.638+/-0.993 χ^2/NDF : 47649.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

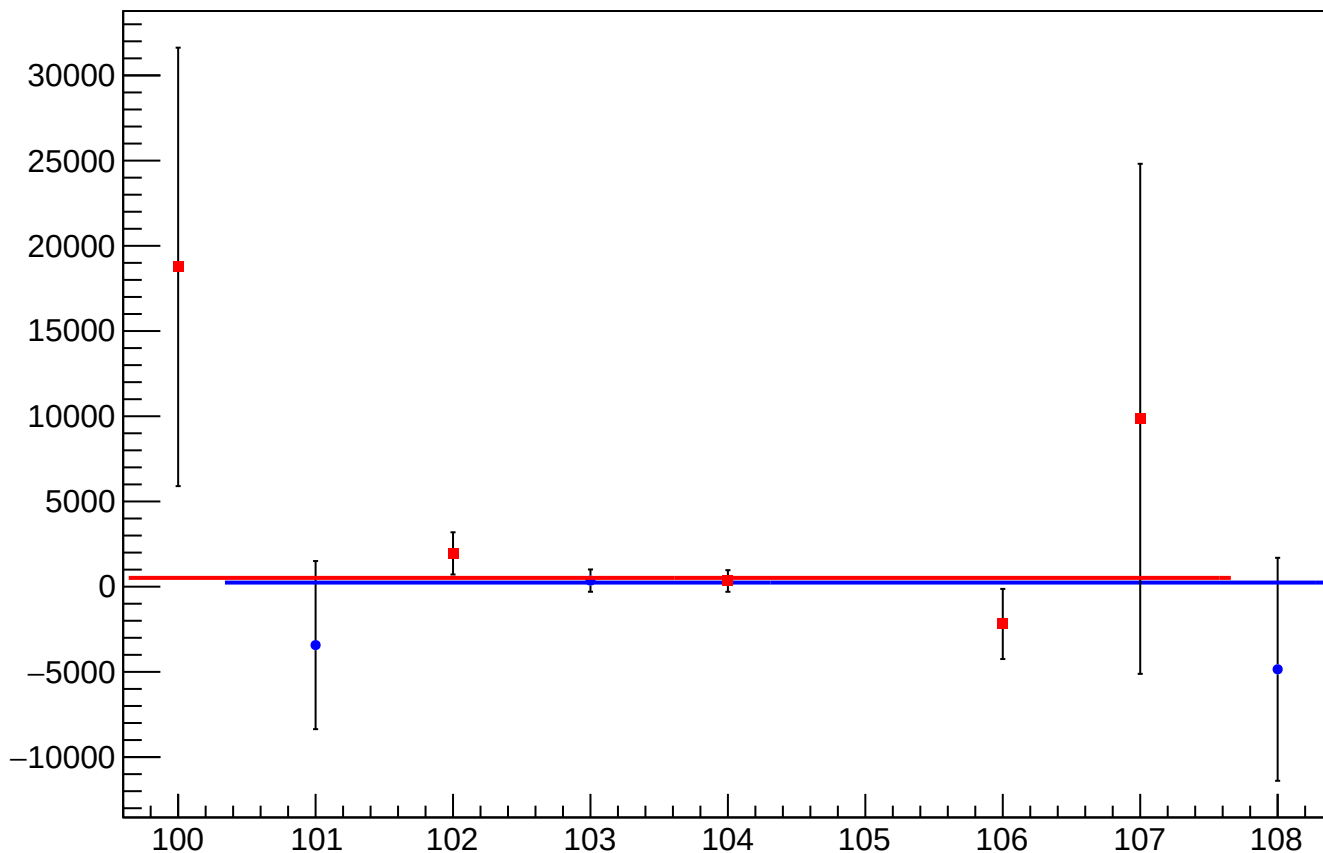
Right: 1791.879+/-0.699 χ^2/NDF : 89919.8/7

In: 1763.622+/-0.984 χ^2/NDF : 40606.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1791.879+/-0.699 χ^2/NDF : 89919.8/7

asym_atl_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 240.643+/-645.152 χ^2/NDF : 1.2/2

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

Right Out: 515.721+/-543.529 χ^2/NDF : 5.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

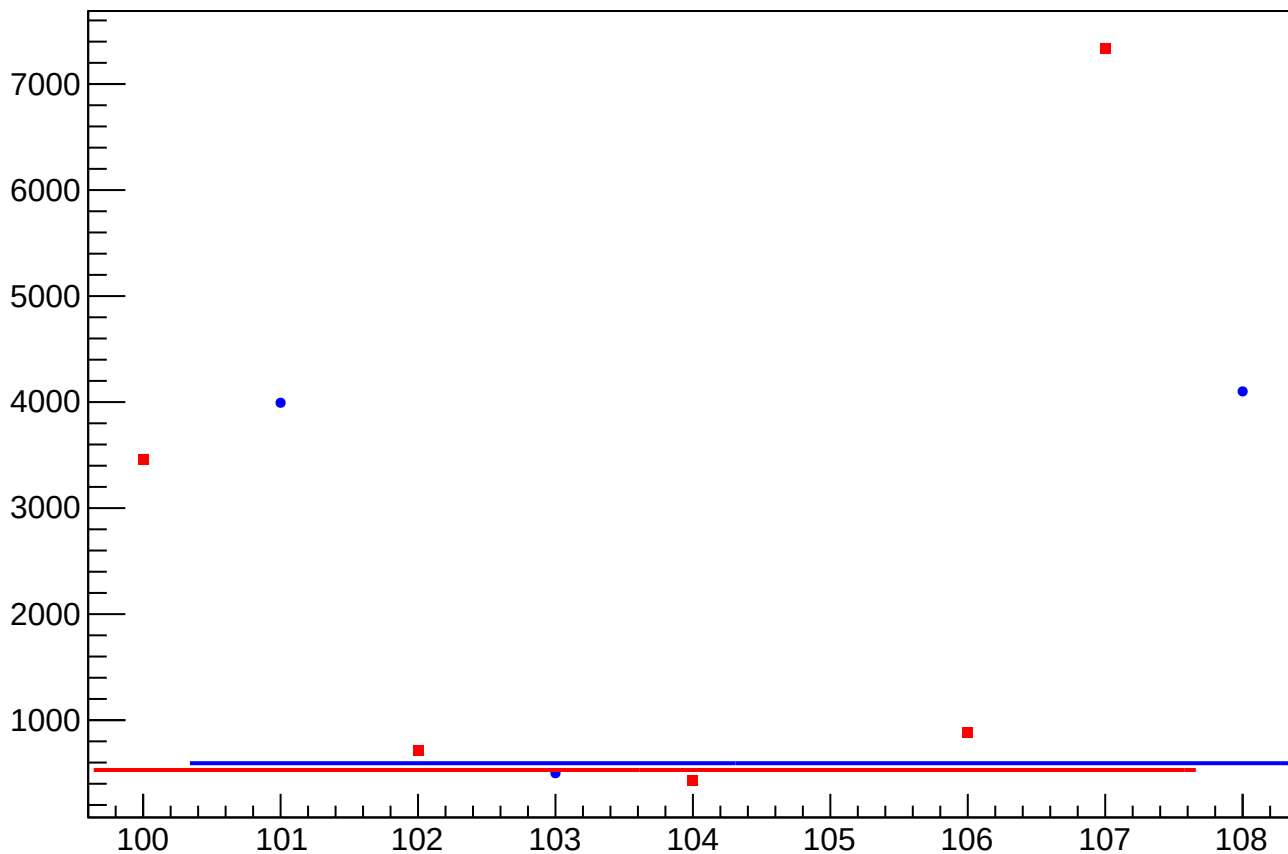
Right: 401.528+/-415.674 χ^2/NDF : 6.8/7

In: 240.643+/-645.152 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 401.528+/-415.674 χ^2/NDF : 6.8/7

asym_atl_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 593.754 ± 0.456 $\chi^2/\text{NDF}: 1567391.9/2$

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

Right Out: 529.959 ± 0.384 $\chi^2/\text{NDF}: 672377.0/4$

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

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

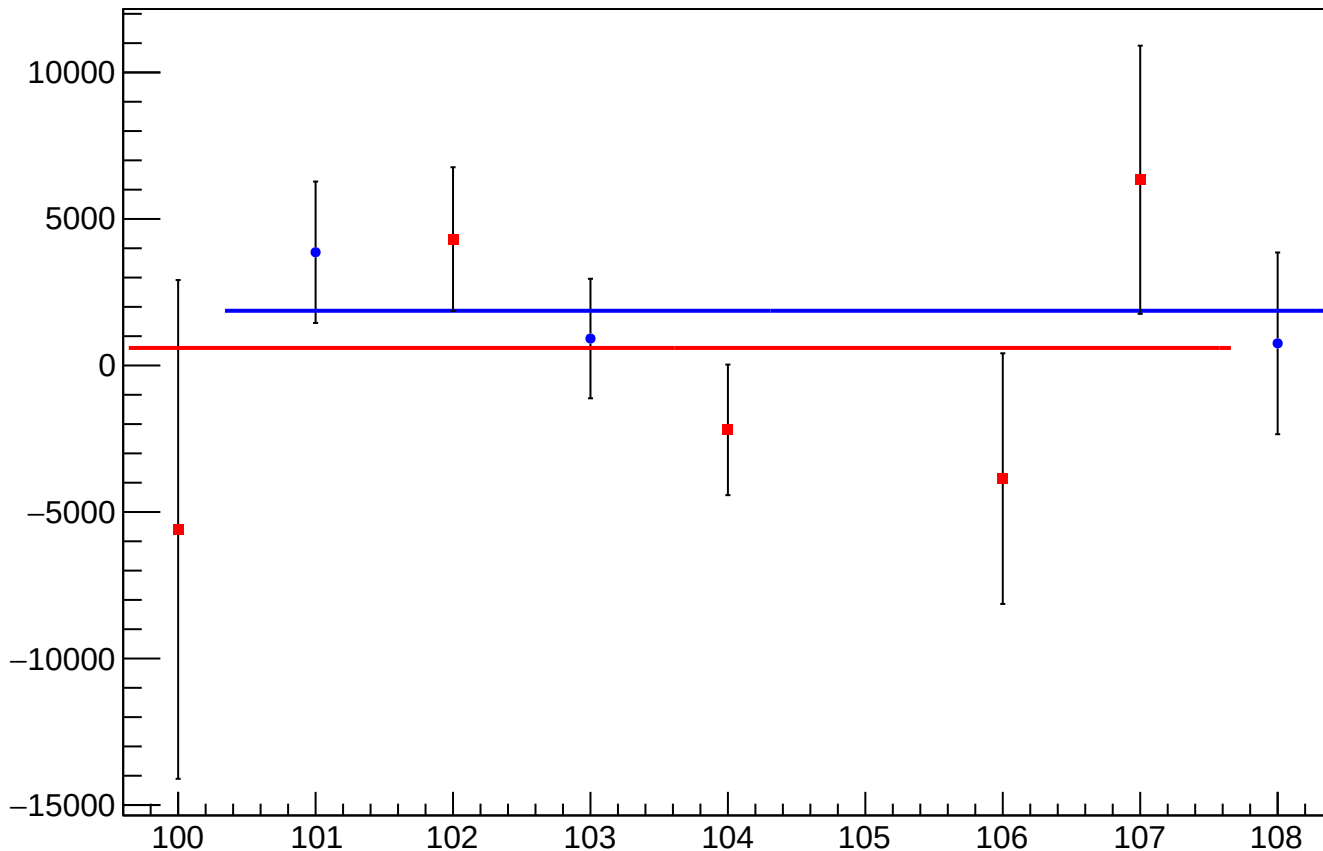
Right: 556.442 ± 0.294 $\chi^2/\text{NDF}: 2251206.6/7$

In: 593.754 ± 0.456 $\chi^2/\text{NDF}: 1567391.9/2$

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

All: 556.442 ± 0.294 $\chi^2/\text{NDF}: 2251206.6/7$

cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1866.910+/-1391.739 χ^2/NDF : 1.0/2

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

Right Out: 598.643+/-1437.180 χ^2/NDF : 7.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

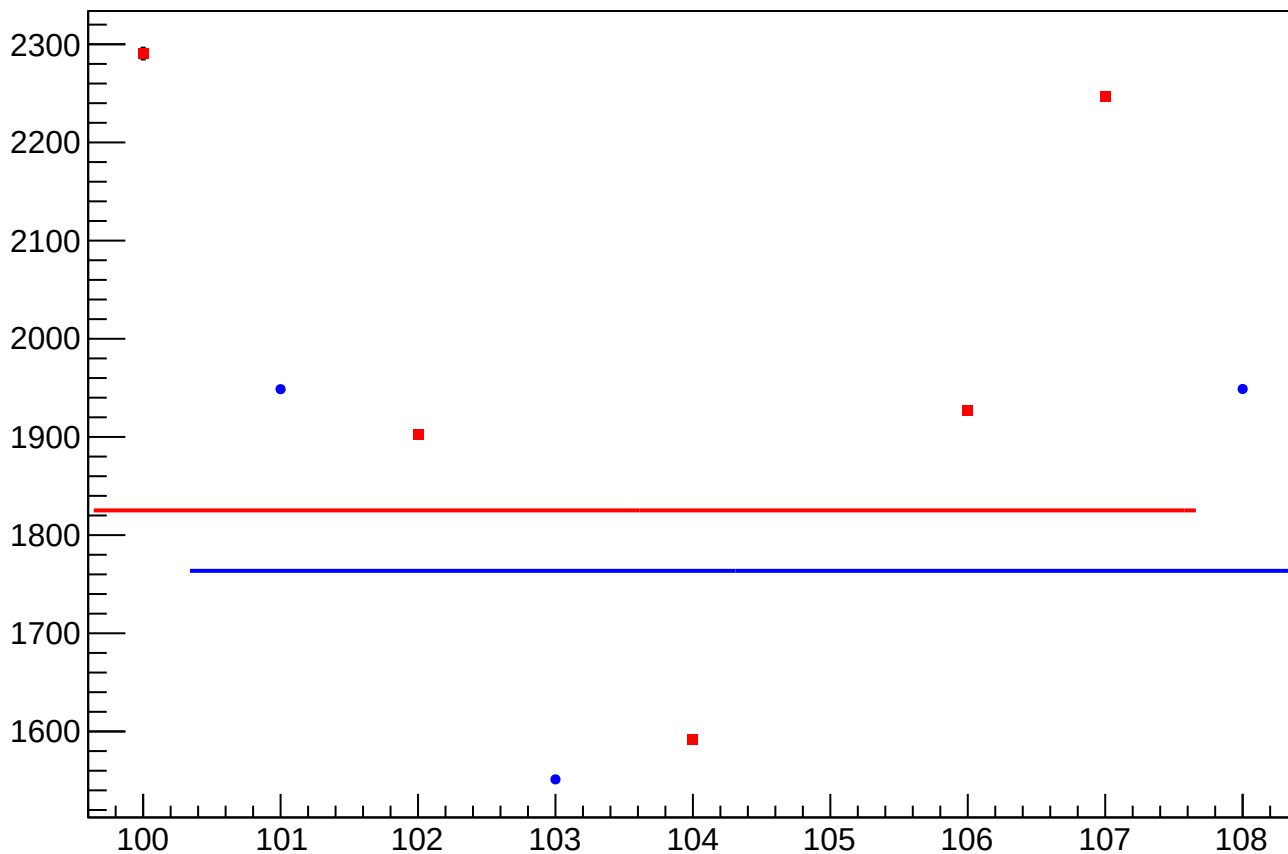
Right: 1253.143+/-999.787 χ^2/NDF : 8.5/7

In: 1866.910+/-1391.739 χ^2/NDF : 1.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1253.143+/-999.787 χ^2/NDF : 8.5/7

cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1763.621+/-0.984 χ^2/NDF : 40606.9/2

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

Right Out: 1825.168+/-0.995 χ^2/NDF : 48489.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

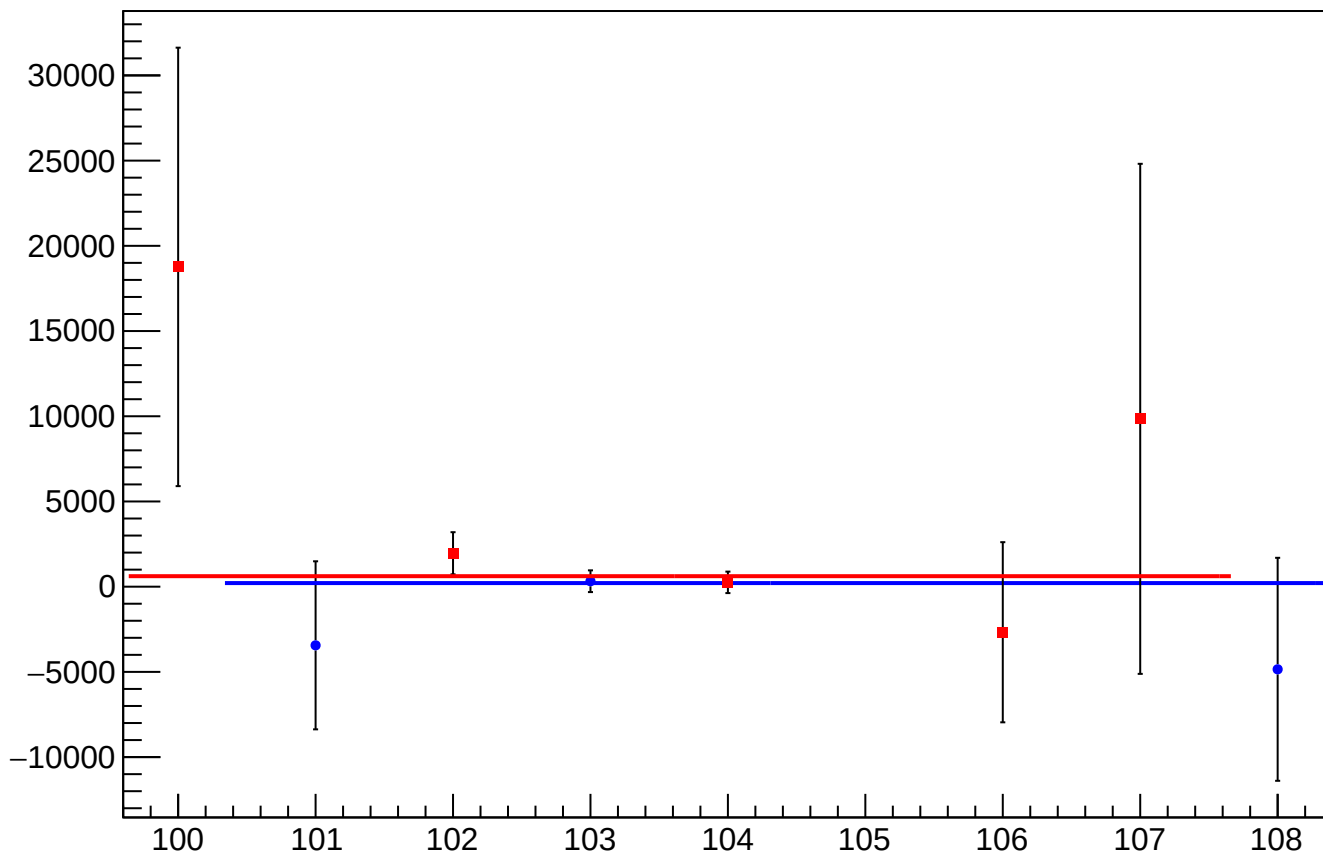
Right: 1794.050+/-0.700 χ^2/NDF : 91030.3/7

In: 1763.621+/-0.984 χ^2/NDF : 40606.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1794.050+/-0.700 χ^2/NDF : 91030.3/7

asym_atl_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 211.471+/-629.357 χ^2/NDF : 1.2/2

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

Right Out: 616.128+/-557.274 χ^2/NDF : 4.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

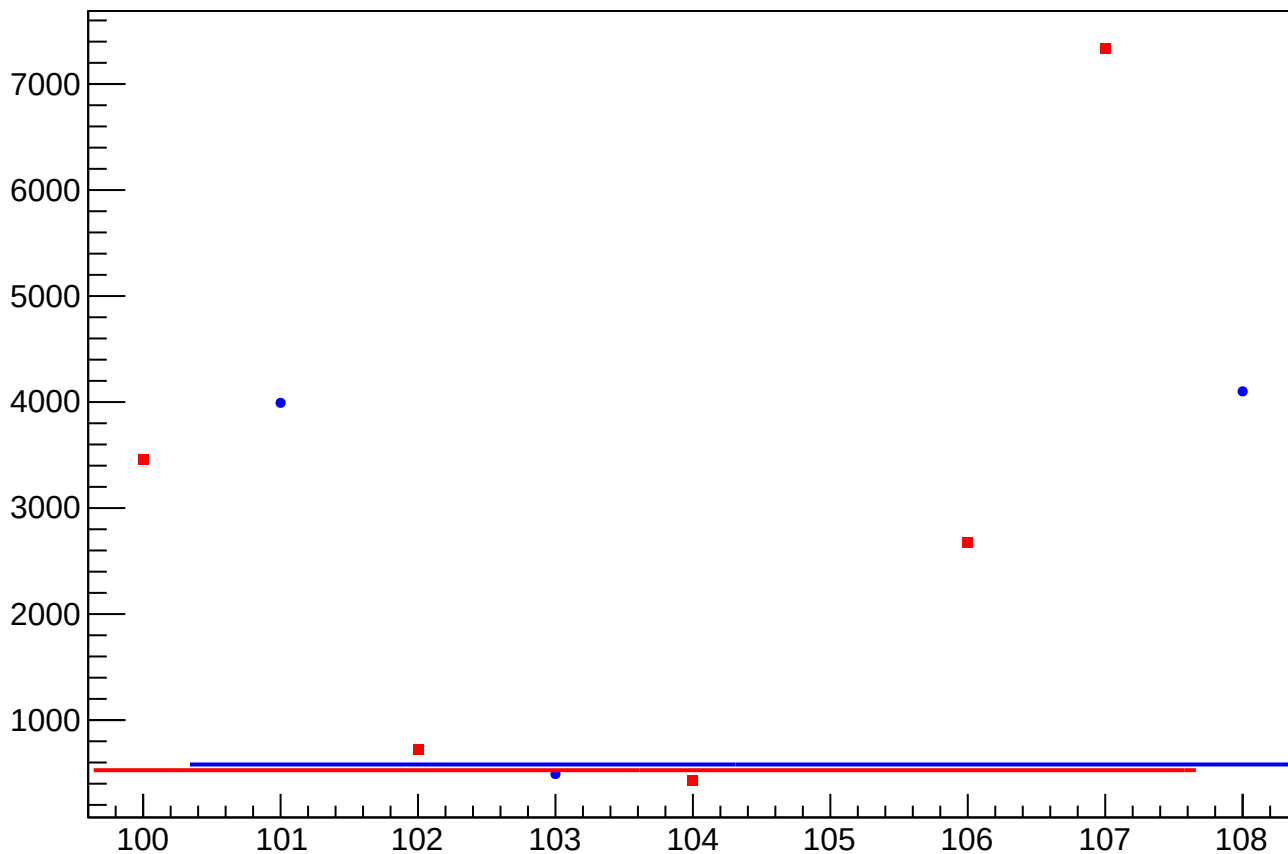
Right: 438.290+/-417.220 χ^2/NDF : 5.7/7

In: 211.471+/-629.357 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 438.290+/-417.220 χ^2/NDF : 5.7/7

asym_atl_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 581.240+/-0.445 χ^2/NDF : 1576633.8/2

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

Right Out: 527.314+/-0.394 χ^2/NDF : 945953.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

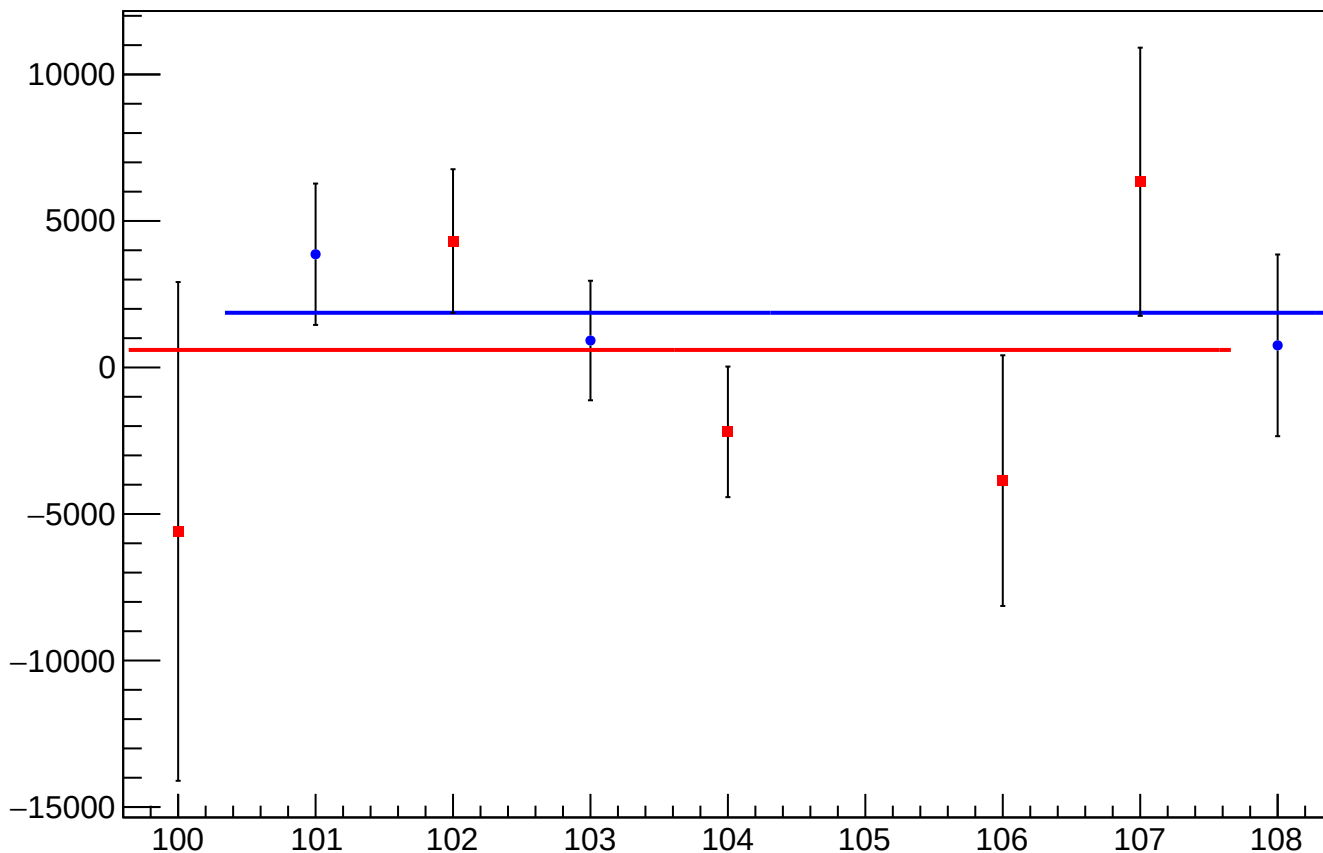
Right: 551.013+/-0.295 χ^2/NDF : 2530817.3/7

In: 581.240+/-0.445 χ^2/NDF : 1576633.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 551.013+/-0.295 χ^2/NDF : 2530817.3/7

eigen_cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1866.910 $\pm$ 1391.739 χ^2 /NDF: 1.0/2

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

Right Out: 598.643 $\pm$ 1437.180 χ^2 /NDF: 7.1/4

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

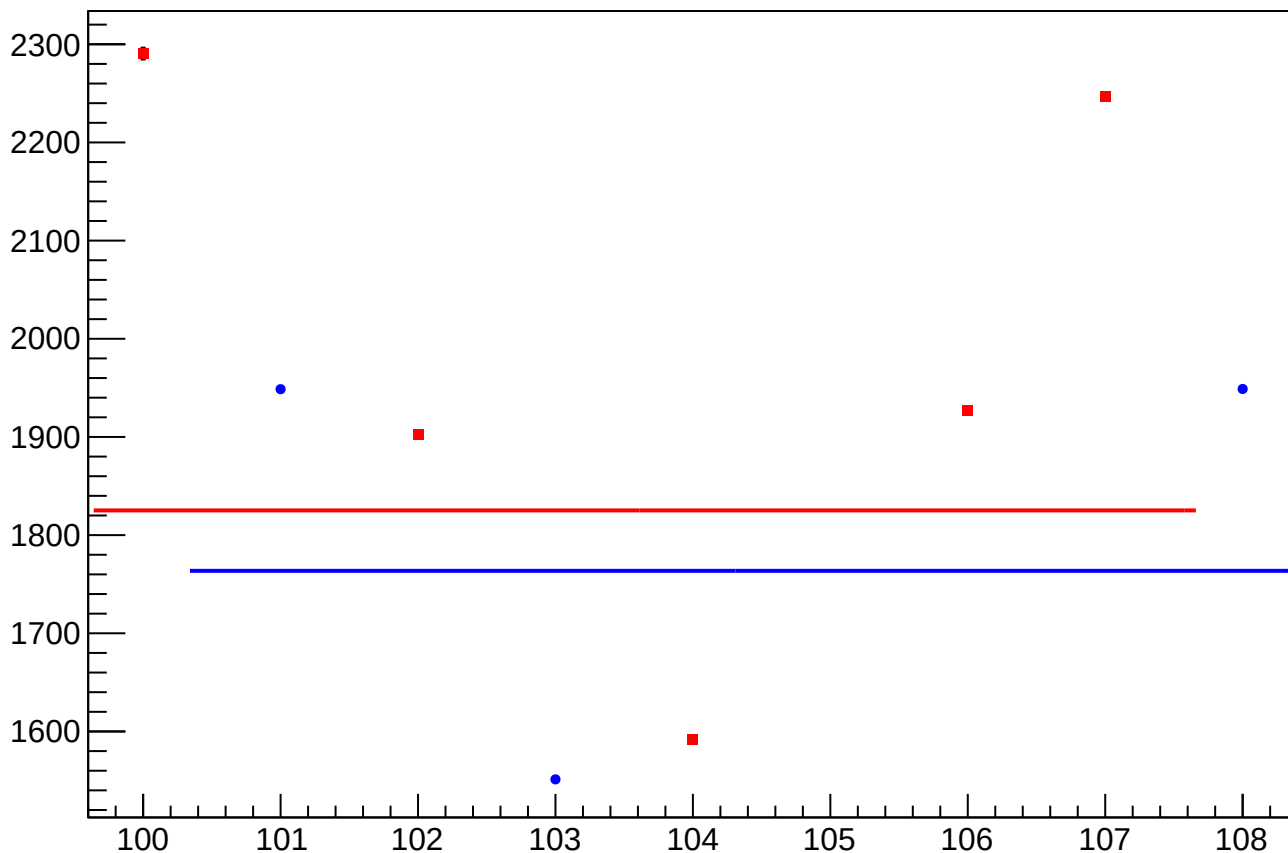
Right: 1253.143 $\pm$ 999.787 χ^2 /NDF: 8.5/7

In: 1866.910 $\pm$ 1391.739 χ^2 /NDF:1.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1253.143 $\pm$ 999.787 χ^2 /NDF: 8.5/7

eigen_cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1763.621+/-0.984 χ^2/NDF : 40606.9/2

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

Right Out: 1825.168+/-0.995 χ^2/NDF : 48489.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

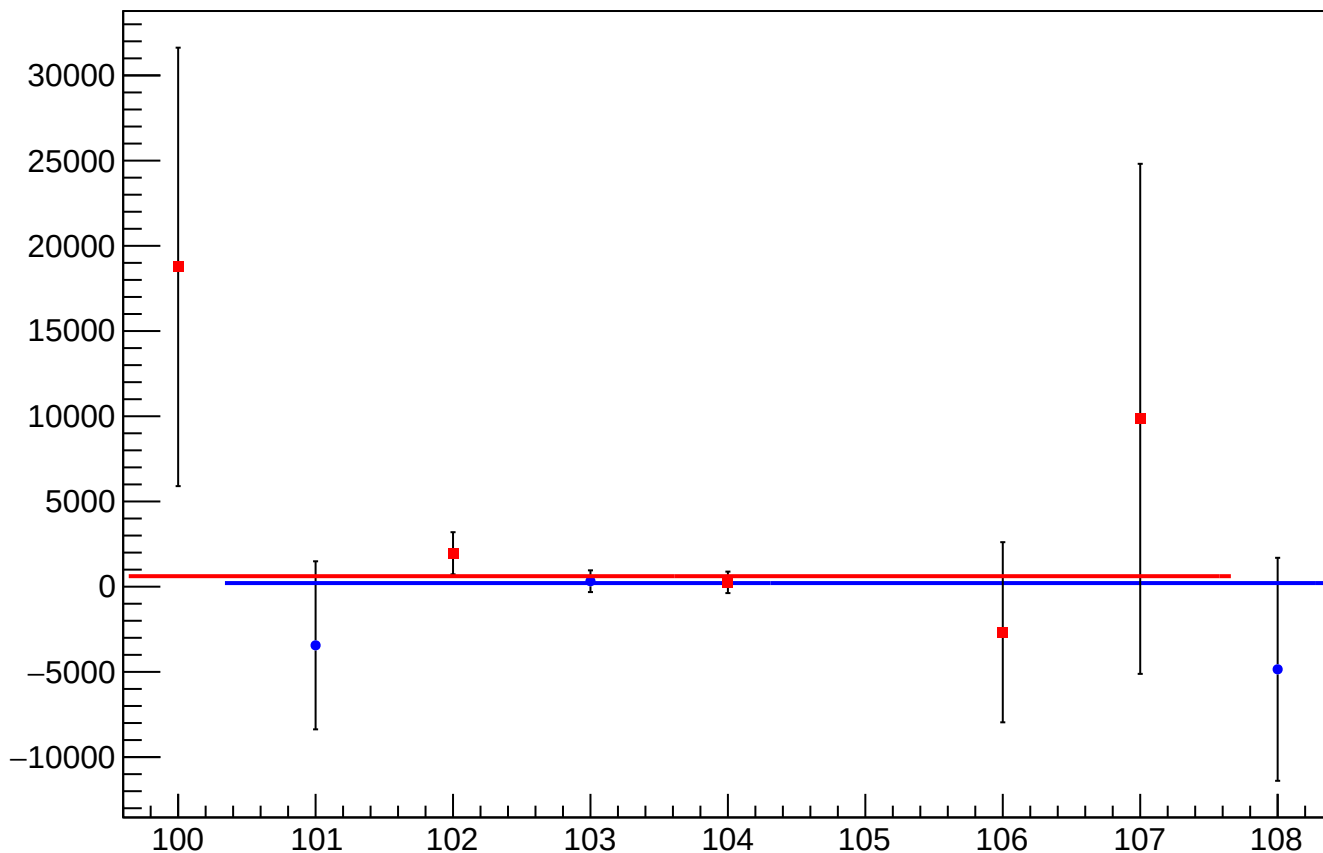
Right: 1794.050+/-0.700 χ^2/NDF : 91030.3/7

In: 1763.621+/-0.984 χ^2/NDF : 40606.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1794.050+/-0.700 χ^2/NDF : 91030.3/7

asym_atl_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 211.471+/-629.357 χ^2/NDF : 1.2/2

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

Right Out: 616.128+/-557.274 χ^2/NDF : 4.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

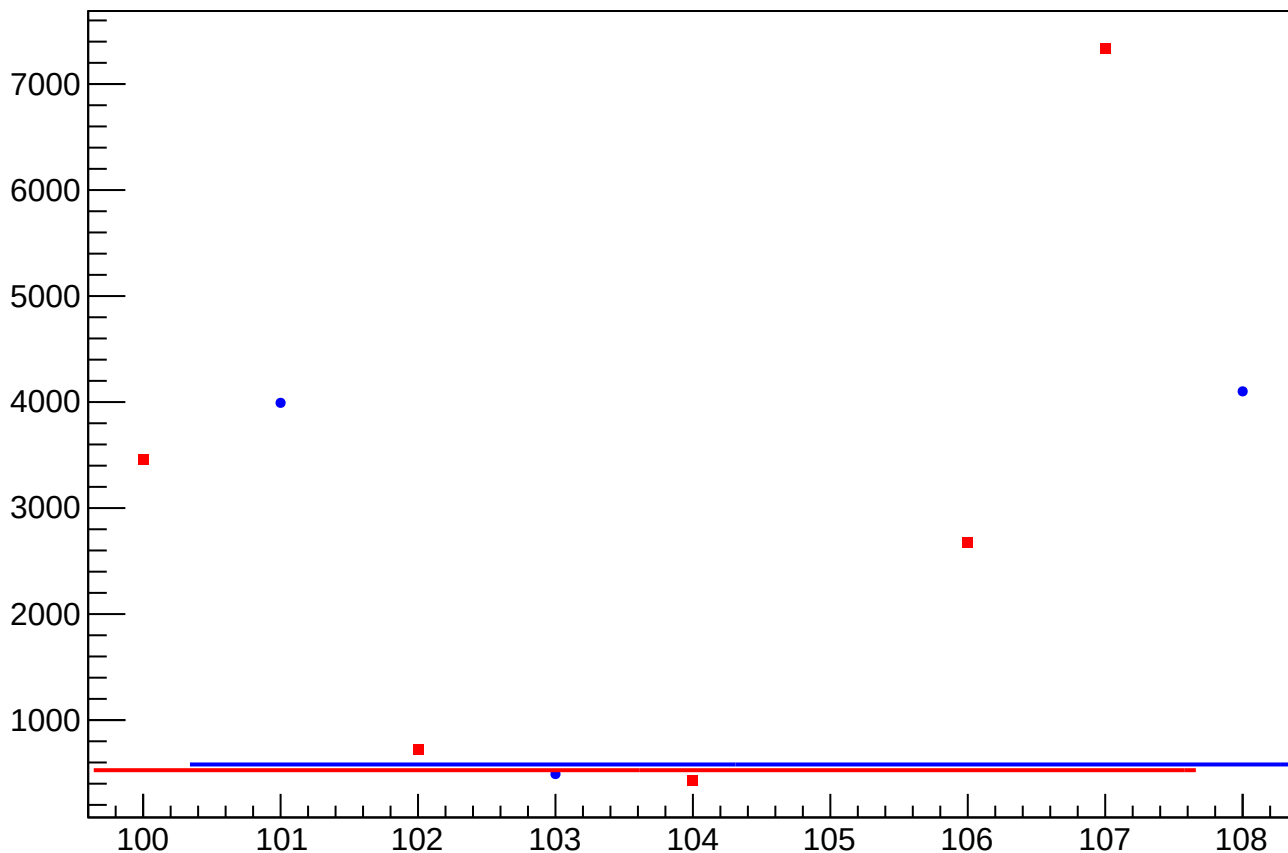
Right: 438.290+/-417.220 χ^2/NDF : 5.7/7

In: 211.471+/-629.357 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 438.290+/-417.220 χ^2/NDF : 5.7/7

asym_atl_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 581.240+/-0.445 χ^2/NDF : 1576633.8/2

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

Right Out: 527.314+/-0.394 χ^2/NDF : 945953.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

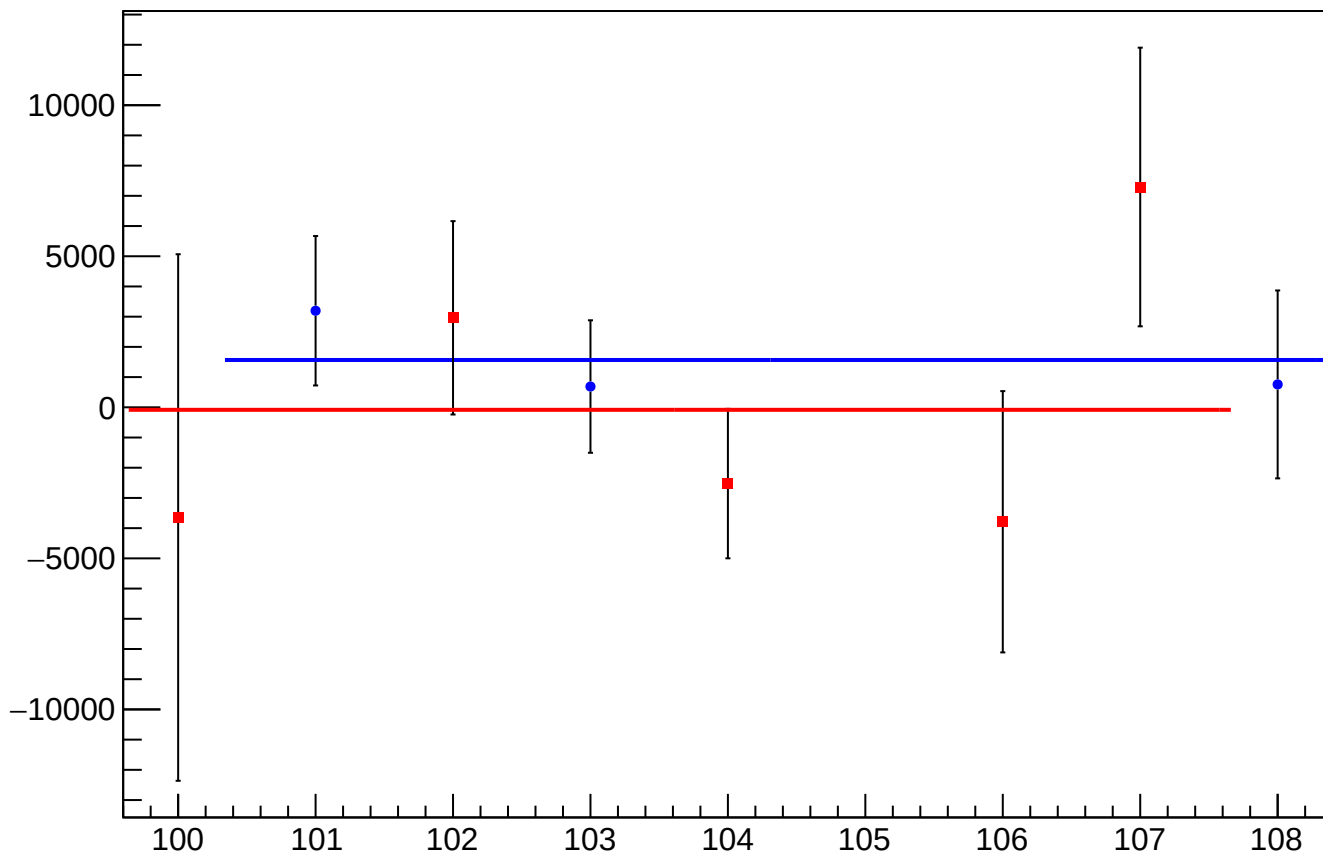
Right: 551.013+/-0.295 χ^2/NDF : 2530817.3/7

In: 581.240+/-0.445 χ^2/NDF : 1576633.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 551.013+/-0.295 χ^2/NDF : 2530817.3/7

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1566.546 $\pm$ 1451.179 χ^2 /NDF: 0.7/2

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

Right Out: -83.231 $\pm$ 1633.572 χ^2 /NDF: 5.3/4

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

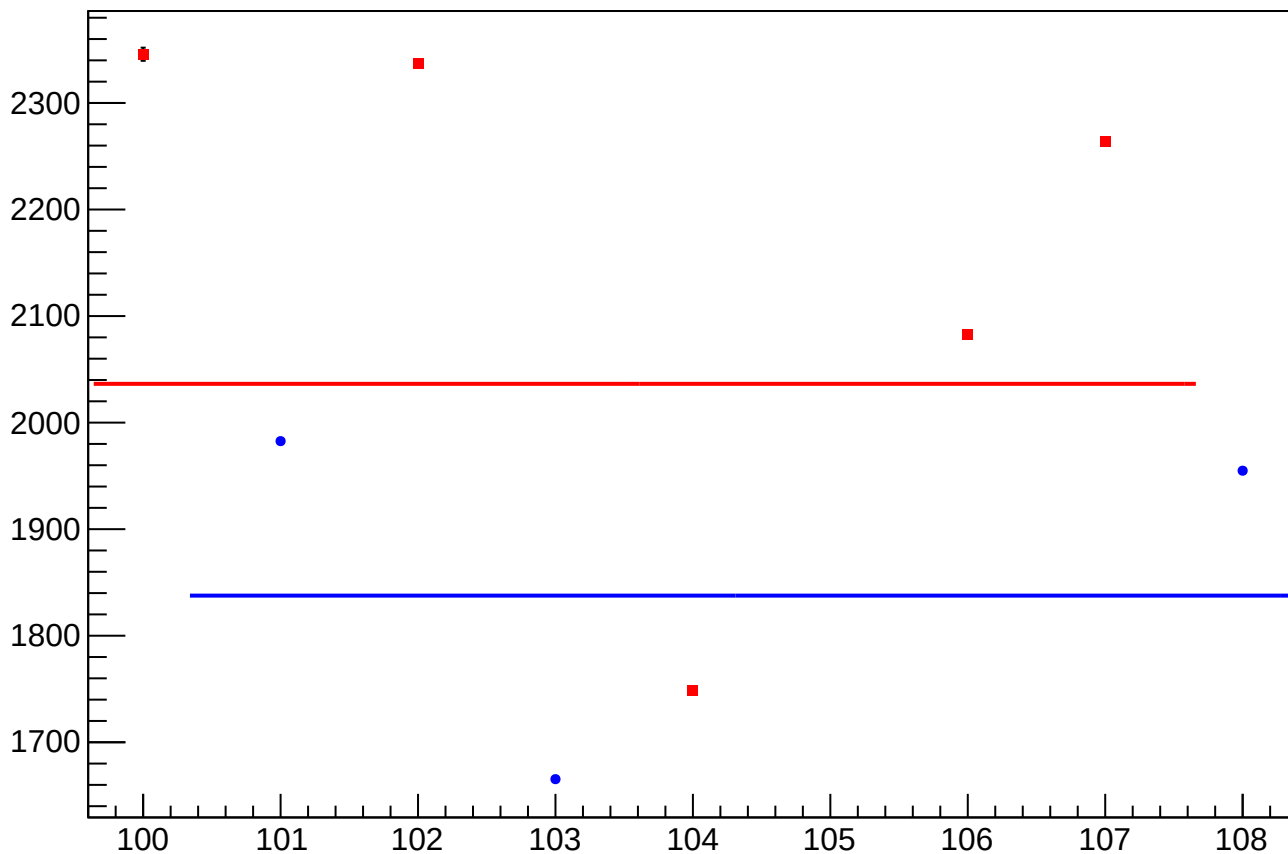
Right: 838.864 $\pm$ 1084.917 χ^2 /NDF: 6.6/7

In: 1566.546 $\pm$ 1451.179 χ^2 /NDF:0.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 838.864 $\pm$ 1084.917 χ^2 /NDF: 6.6/7

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1837.637+/-1.026 χ^2/NDF : 22058.1/2

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

Right Out: 2036.396+/-1.139 χ^2/NDF : 52374.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

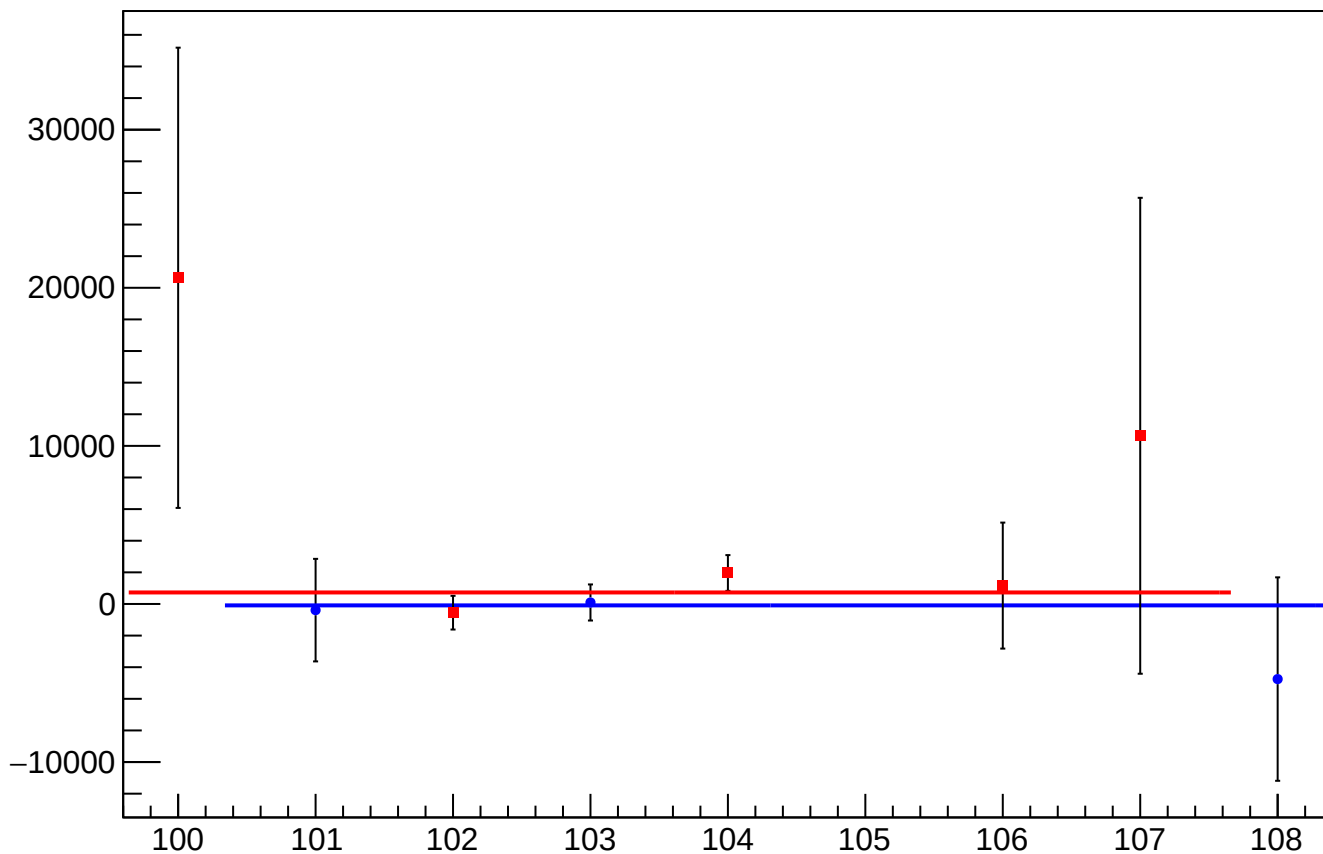
Right: 1926.655+/-0.762 χ^2/NDF : 91235.4/7

In: 1837.637+/-1.026 χ^2/NDF : 22058.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1926.655+/-0.762 χ^2/NDF : 91235.4/7

asym_atl_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -89.758+/-1061.800 χ^2/NDF : 0.6/2

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

Right Out: 728.213+/-759.316 χ^2/NDF : 4.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

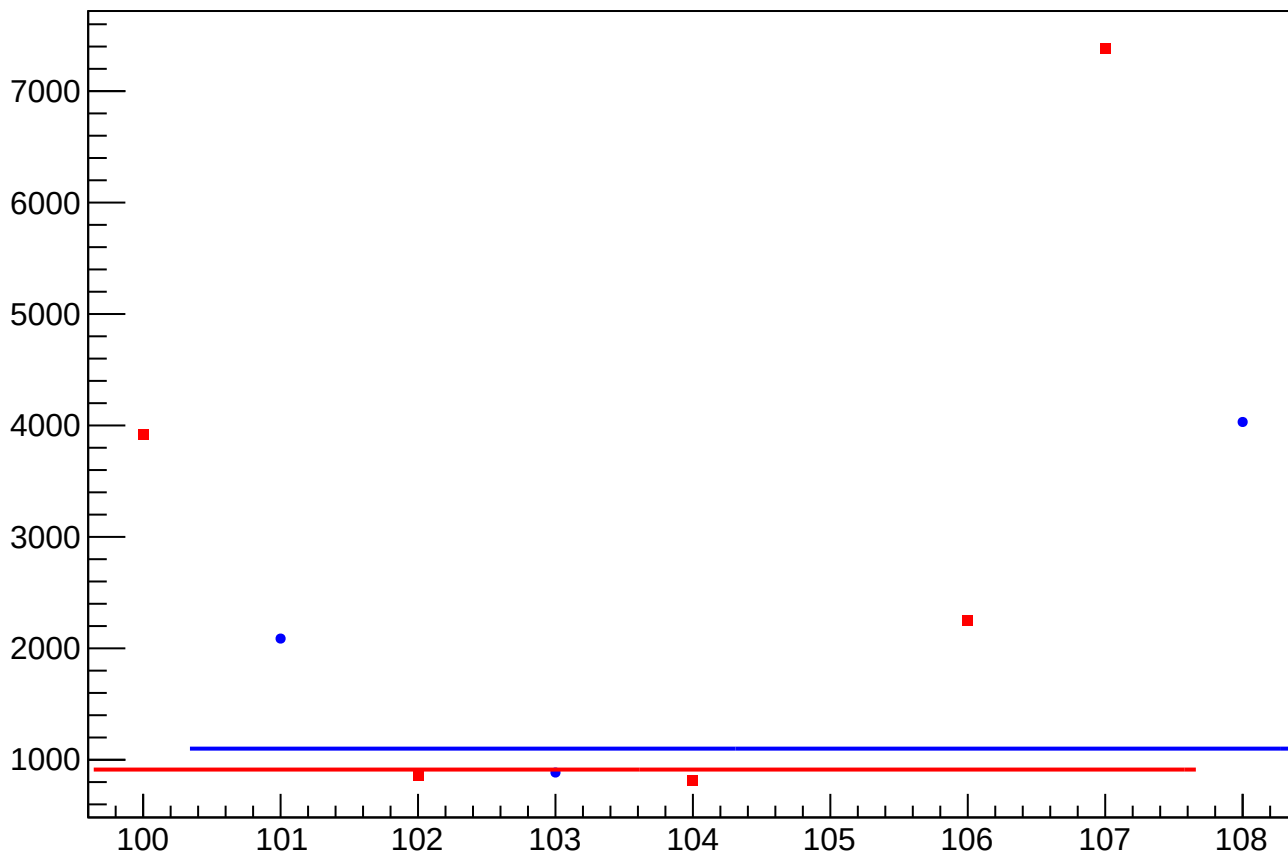
Right: 451.443+/-617.637 χ^2/NDF : 5.9/7

In: -89.758+/-1061.800 χ^2/NDF : 0.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 451.443+/-617.637 χ^2/NDF : 5.9/7

asym_atl_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1100.165+/-0.751 χ^2/NDF : 671068.8/2

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

Right Out: 912.326+/-0.537 χ^2/NDF : 700113.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

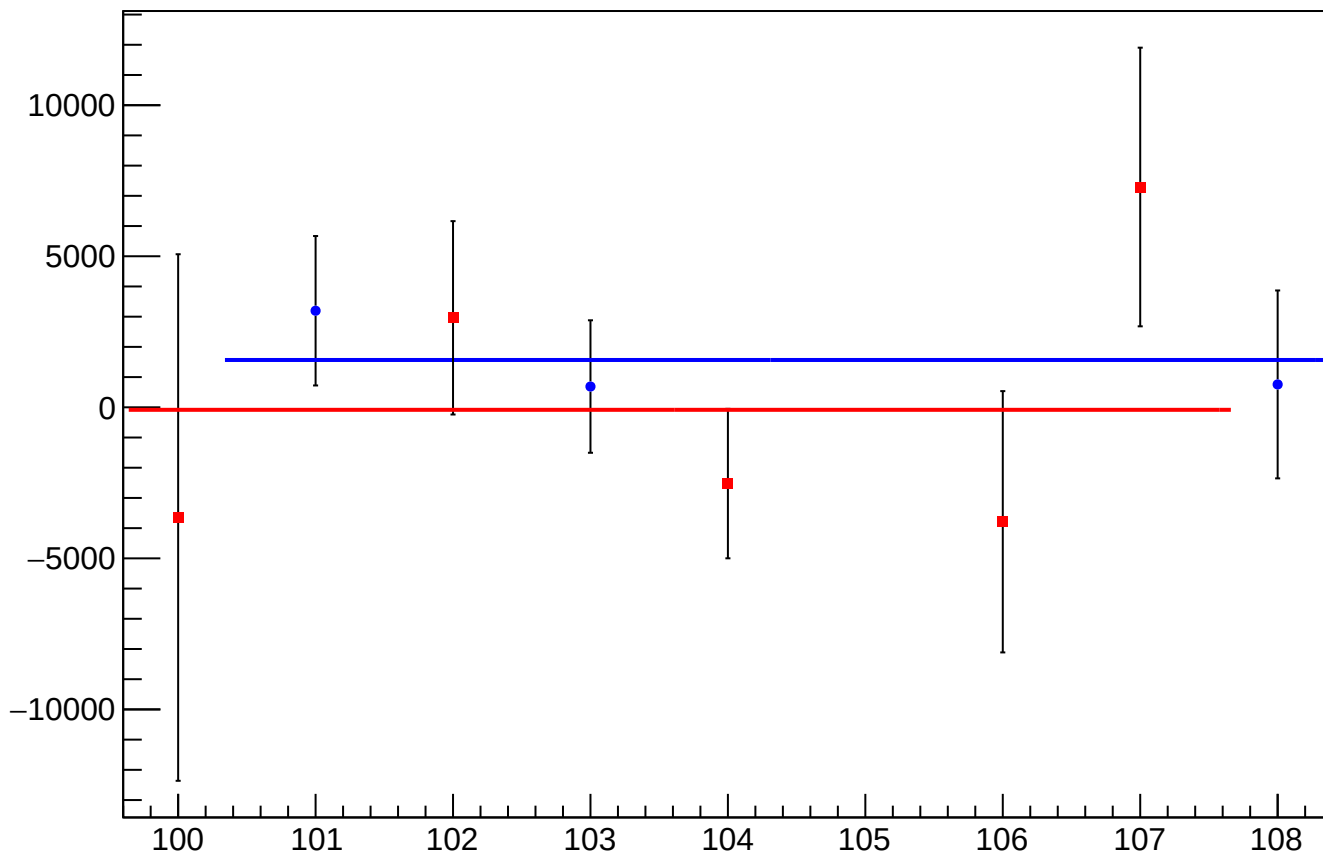
Right: 975.883+/-0.437 χ^2/NDF : 1412594.8/7

In: 1100.165+/-0.751 χ^2/NDF : 671068.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 975.883+/-0.437 χ^2/NDF : 1412594.8/7

eigen_dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1566.546 $\pm$ 1451.179 χ^2/NDF : 0.7/2

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

Right Out: -83.244 $\pm$ 1633.571 χ^2/NDF : 5.3/4

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

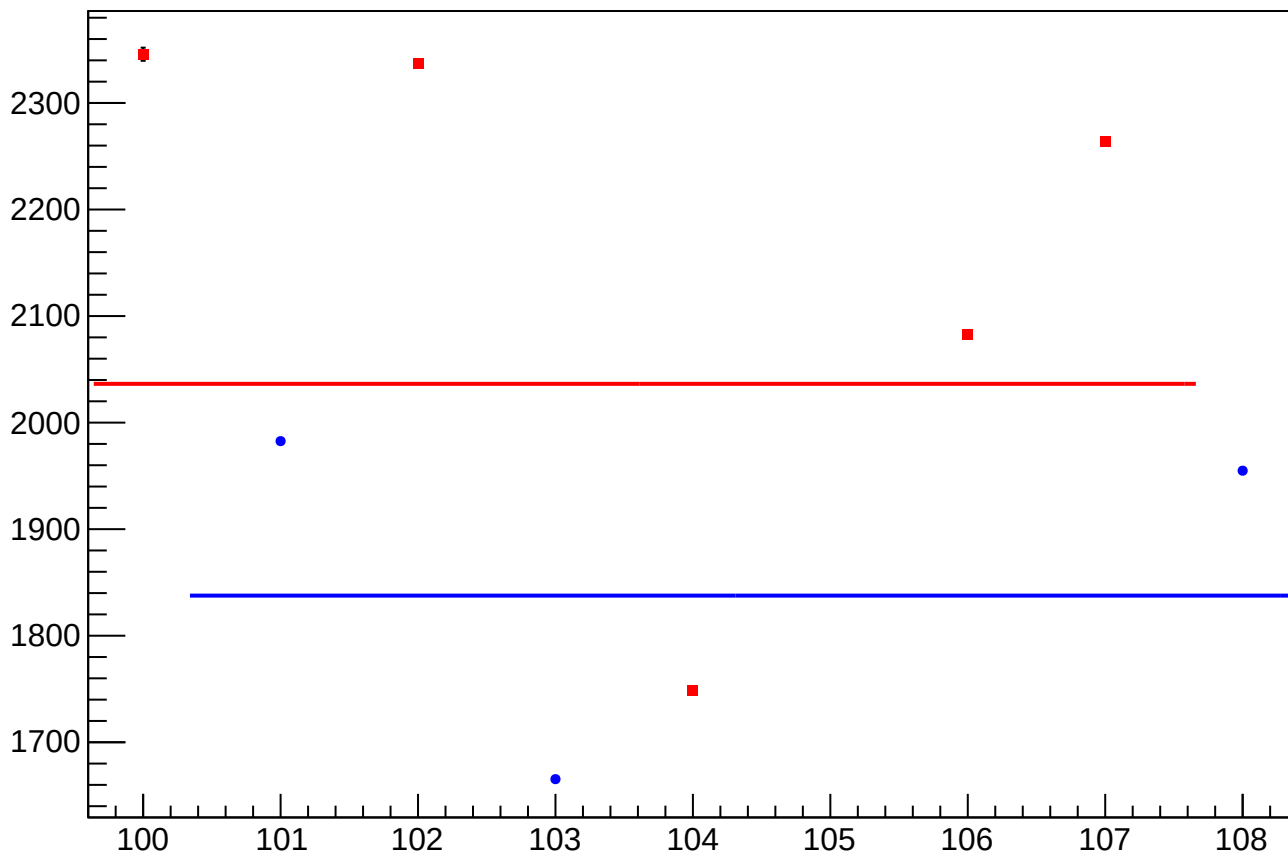
Right: 838.858 $\pm$ 1084.916 χ^2/NDF : 6.6/7

In: 1566.546 $\pm$ 1451.179 χ^2/NDF : 0.7/2

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

All: 838.858 $\pm$ 1084.916 χ^2/NDF : 6.6/7

eigen_dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1837.635+/-1.026 χ^2/NDF : 22058.5/2

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

Right Out: 2036.394+/-1.139 χ^2/NDF : 52374.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

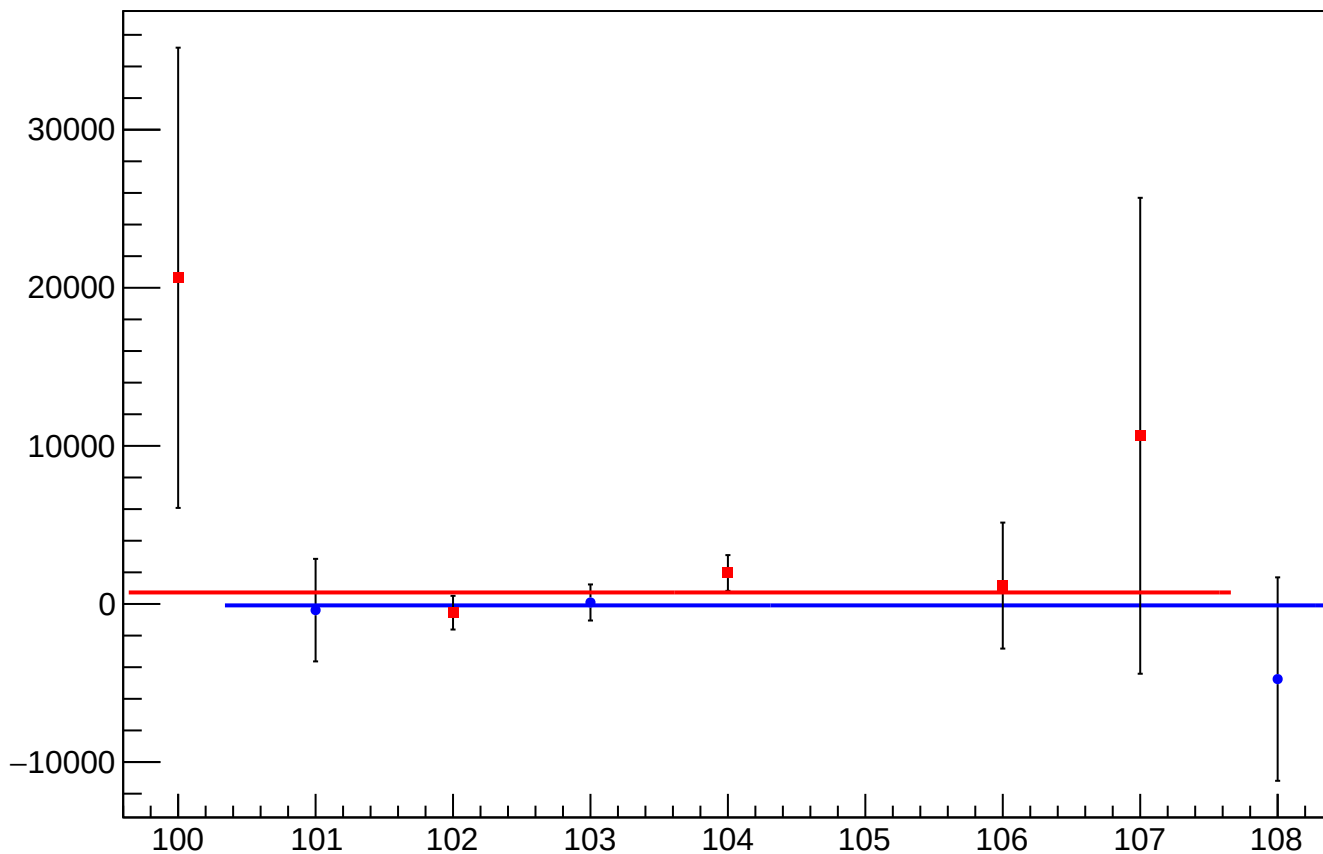
Right: 1926.653+/-0.762 χ^2/NDF : 91236.0/7

In: 1837.635+/-1.026 χ^2/NDF : 22058.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1926.653+/-0.762 χ^2/NDF : 91236.0/7

asym_atl_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -89.755 ± 1061.791 χ^2/NDF : 0.6/2

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

Right Out: 728.207 ± 759.310 χ^2/NDF : 4.9/4

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

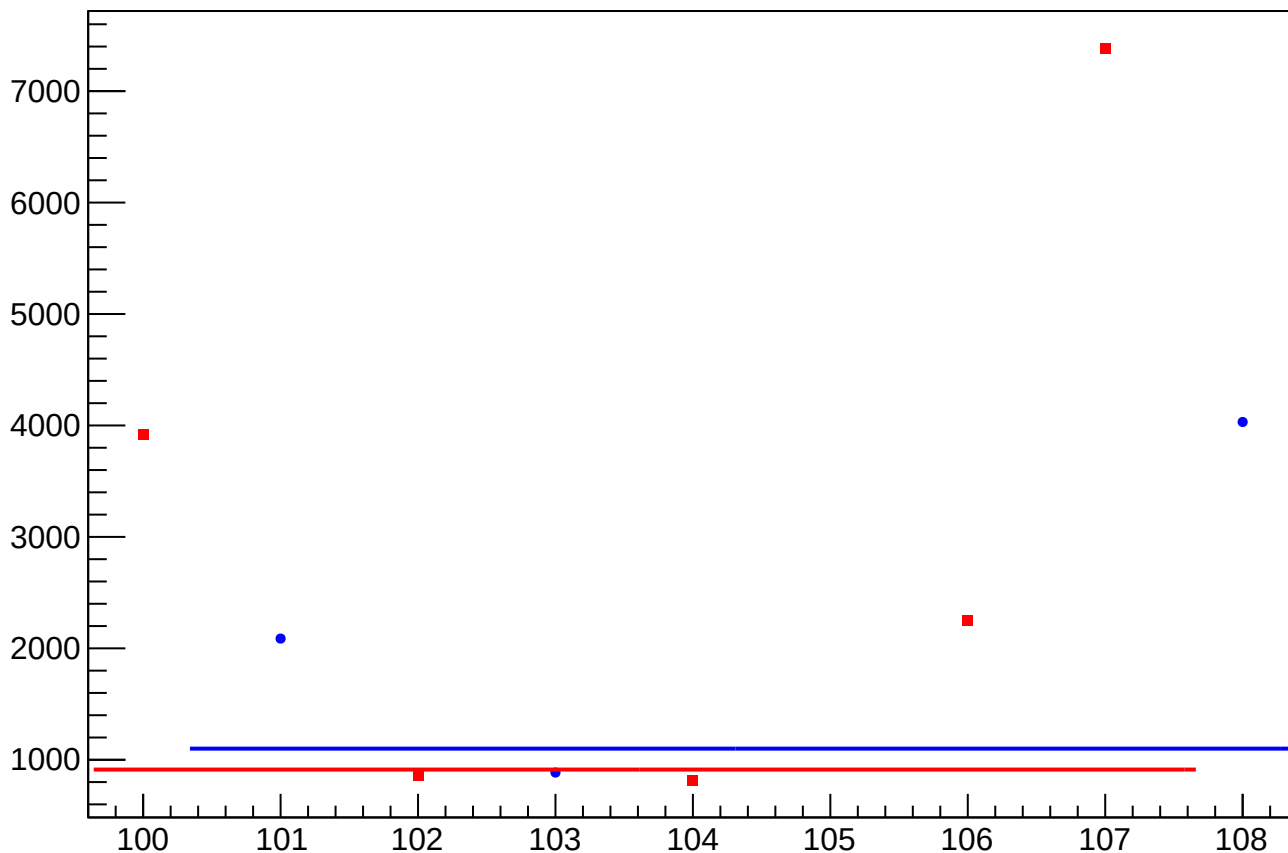
Right: 451.441 ± 617.632 χ^2/NDF : 5.9/7

In: -89.755 ± 1061.791 χ^2/NDF : 0.6/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 451.441 ± 617.632 χ^2/NDF : 5.9/7

asym_atl_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1100.154+/-0.751 χ^2/NDF : 671069.6/2

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

Right Out: 912.318+/-0.537 χ^2/NDF : 700115.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

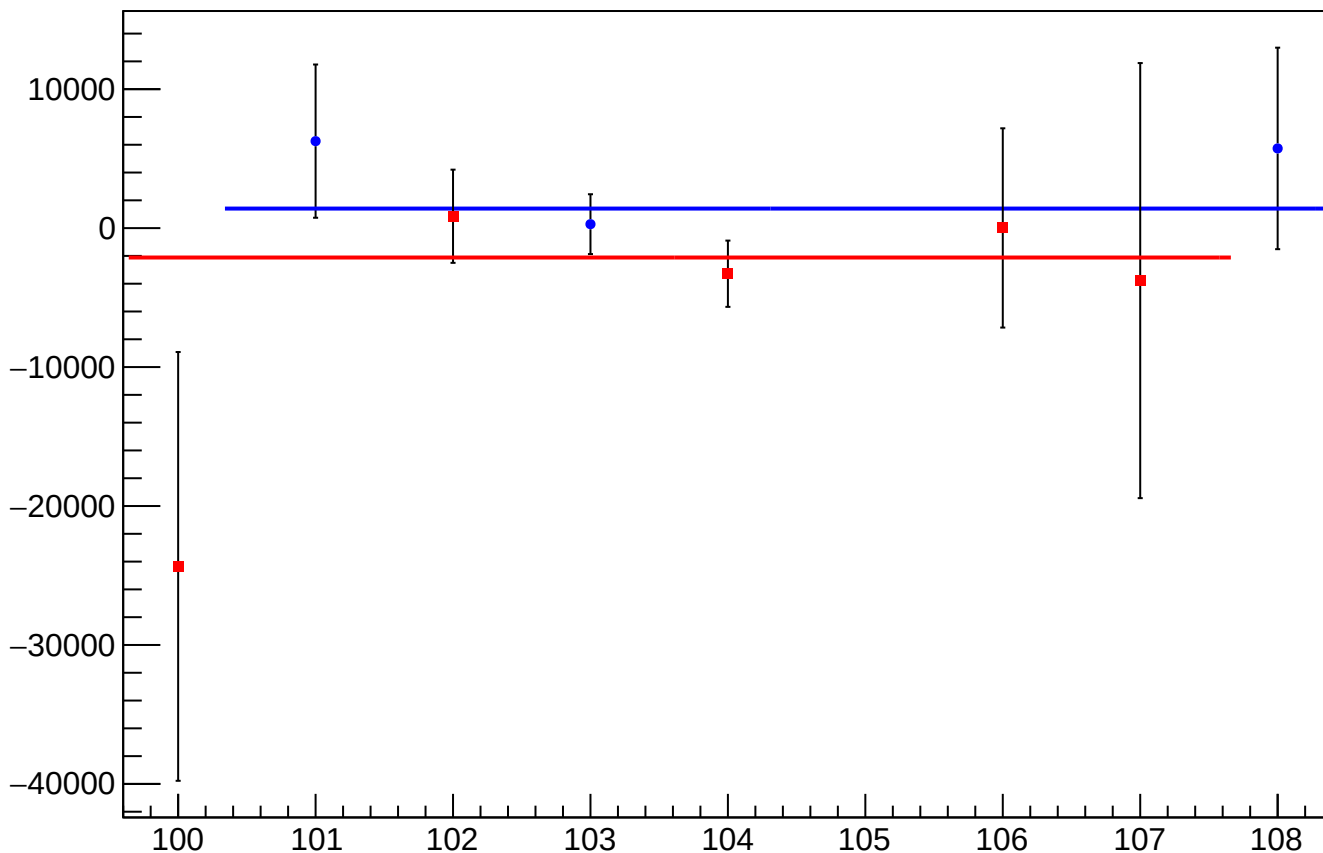
Right: 975.874+/-0.437 χ^2/NDF : 1412597.7/7

In: 1100.154+/-0.751 χ^2/NDF : 671069.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 975.874+/-0.437 χ^2/NDF : 1412597.7/7

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1406.851+/-1933.031 χ^2/NDF : 1.4/2

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

Right Out: -2115.456+/-1848.809 χ^2/NDF : 3.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

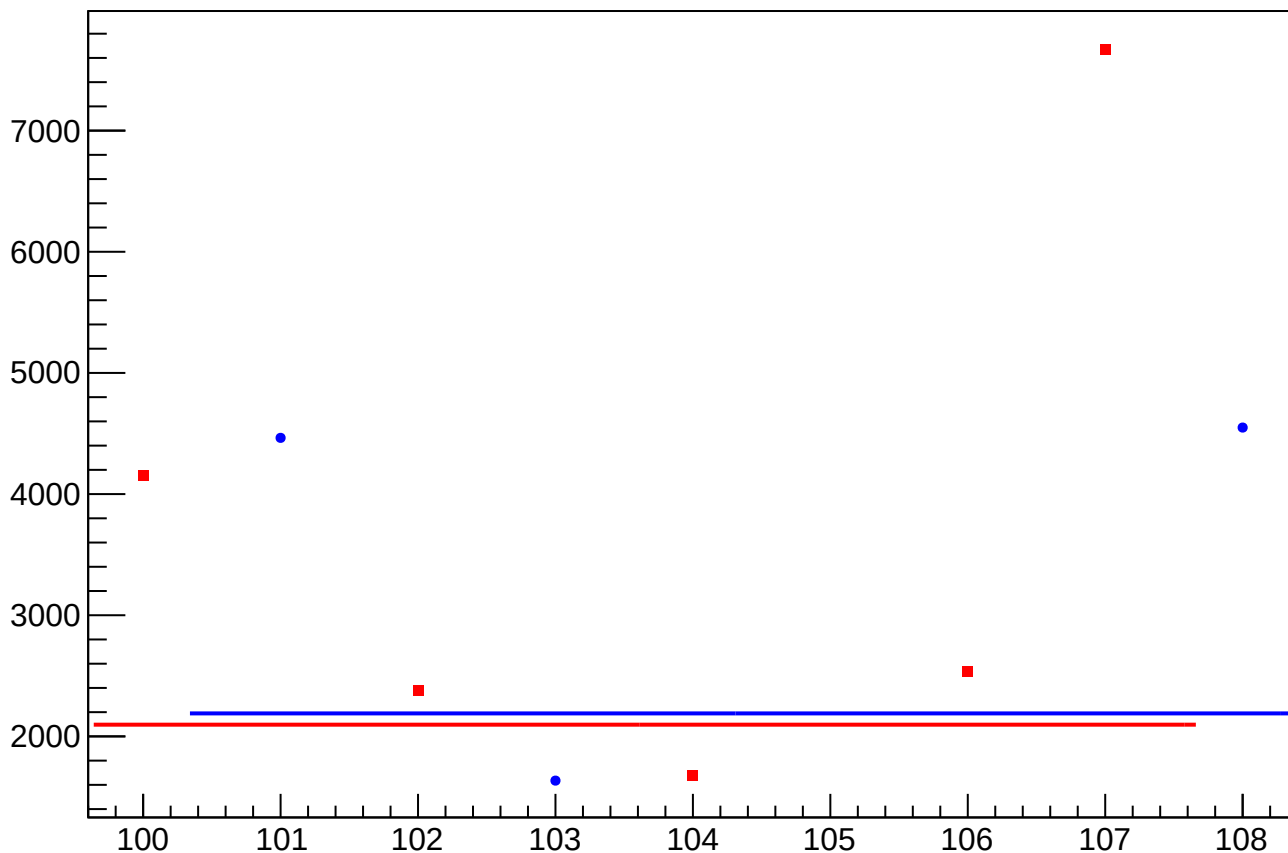
Right: -432.705+/-1336.088 χ^2/NDF : 6.3/7

In: 1406.851+/-1933.031 χ^2/NDF : 1.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -432.705+/-1336.088 χ^2/NDF : 6.3/7

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 2189.768+/-1.367 χ^2/NDF : 684745.9/2

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

Right Out: 2096.711+/-1.263 χ^2/NDF : 381682.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

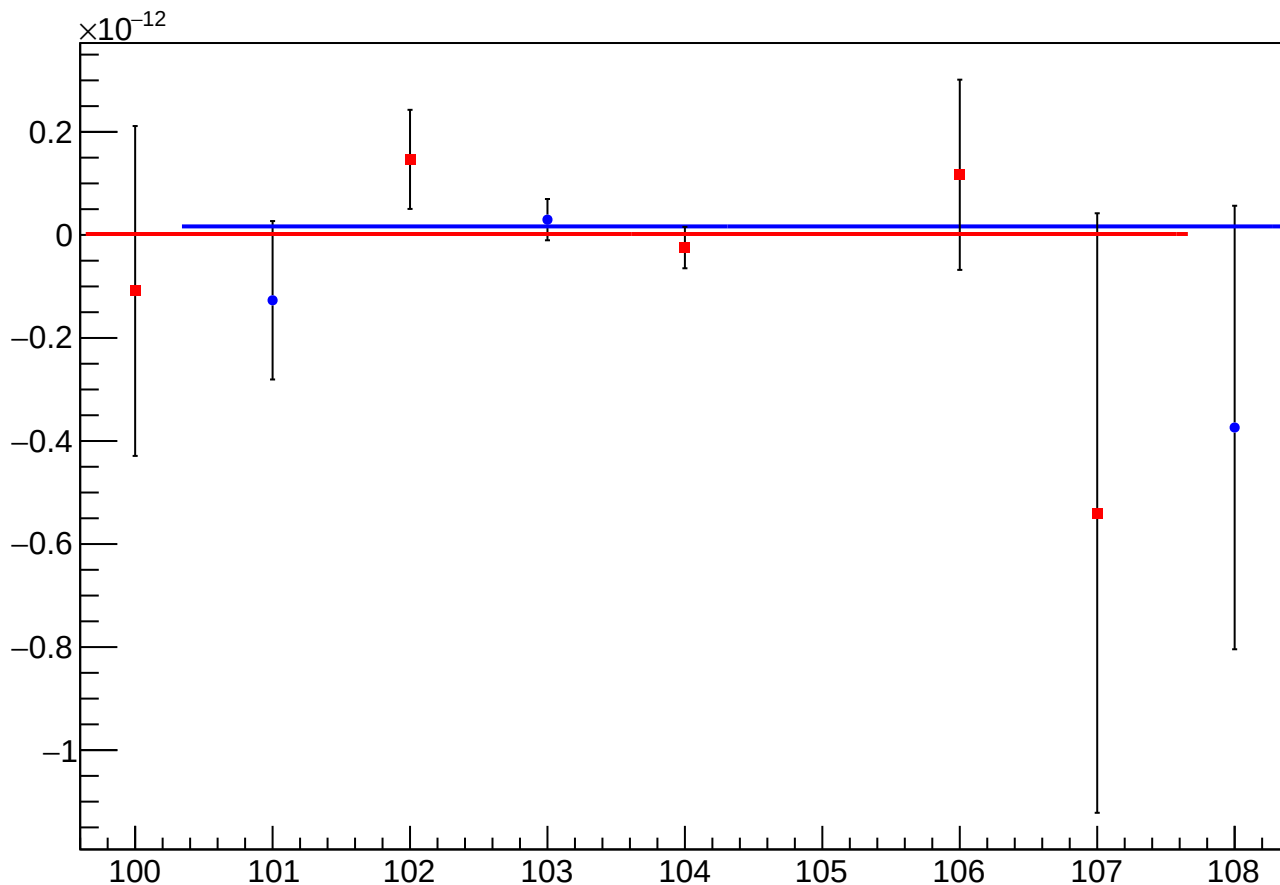
Right: 2139.584+/-0.928 χ^2/NDF : 1068927.8/7

In: 2189.768+/-1.367 χ^2/NDF : 684745.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2139.584+/-0.928 χ^2/NDF : 1068927.8/7

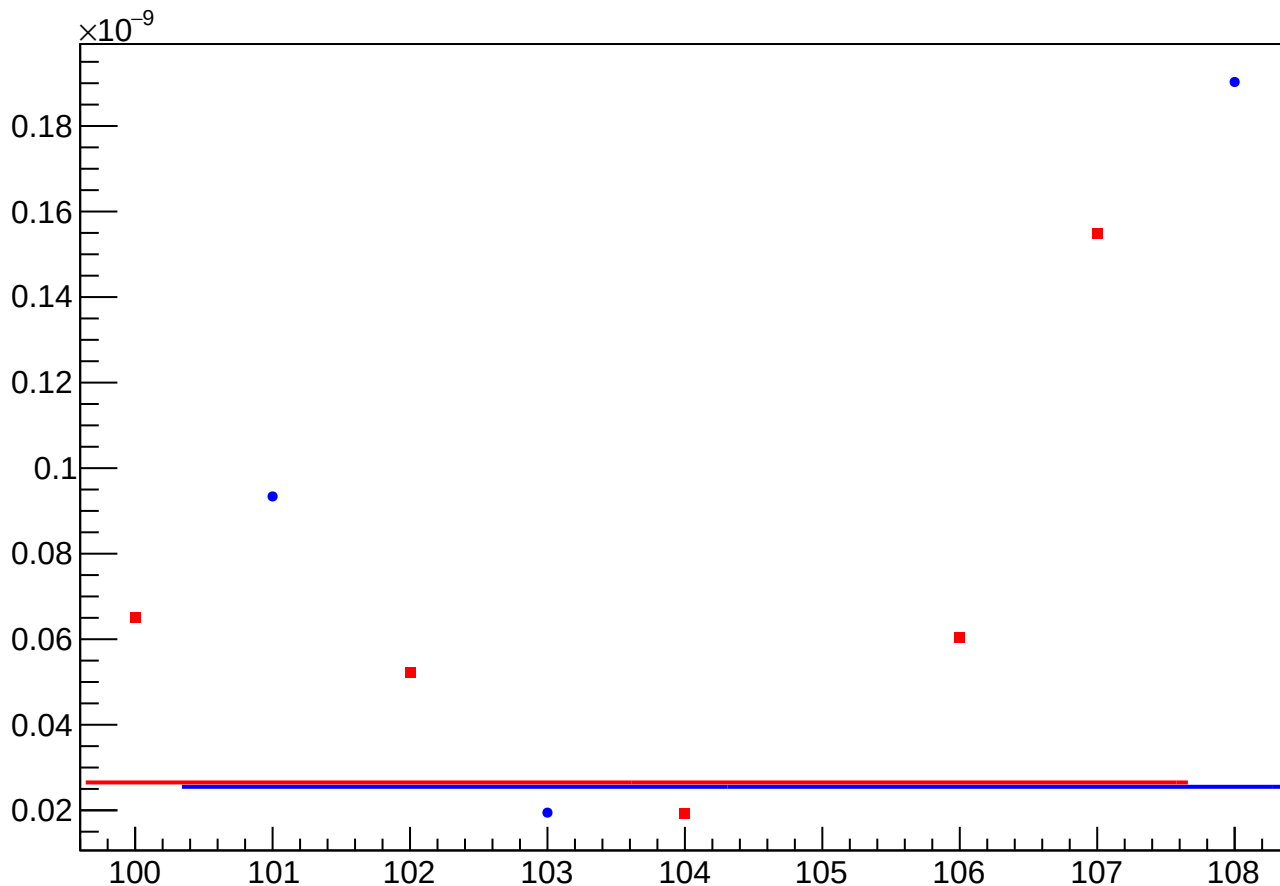
asym_atl_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.8/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 4.1/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 5.9/7
 In: 0.000+/-0.000 χ^2/NDF : 1.8/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 5.9/7

asym_atl_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 728536.1/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 402703.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

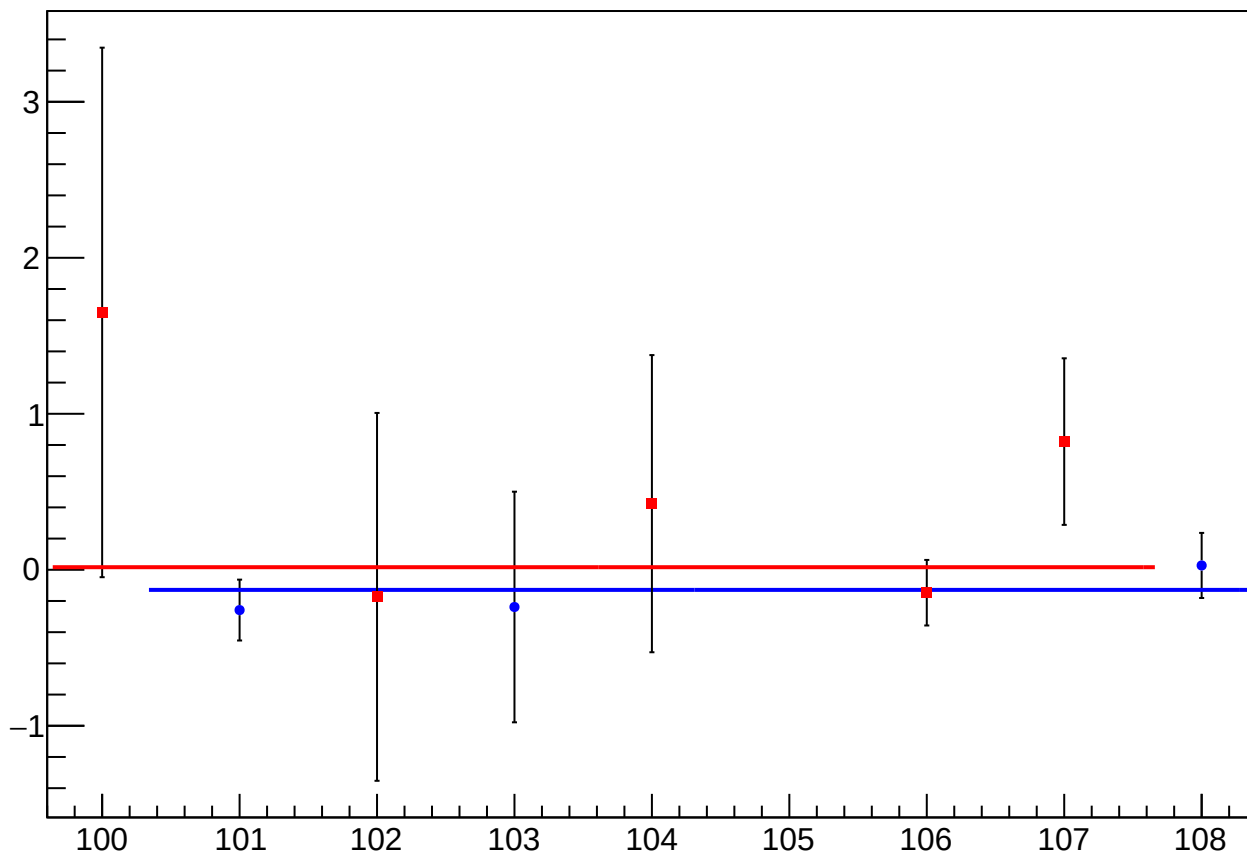
Right: 0.000+/-0.000 χ^2/NDF : 1131982.8/7

In: 0.000+/-0.000 χ^2/NDF : 728536.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1131982.8/7

asym_atl_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.129 $\pm$ 0.140 χ^2 /NDF: 1.0/2

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

Right Out: 0.017 $\pm$ 0.188 χ^2 /NDF: 4.0/4

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

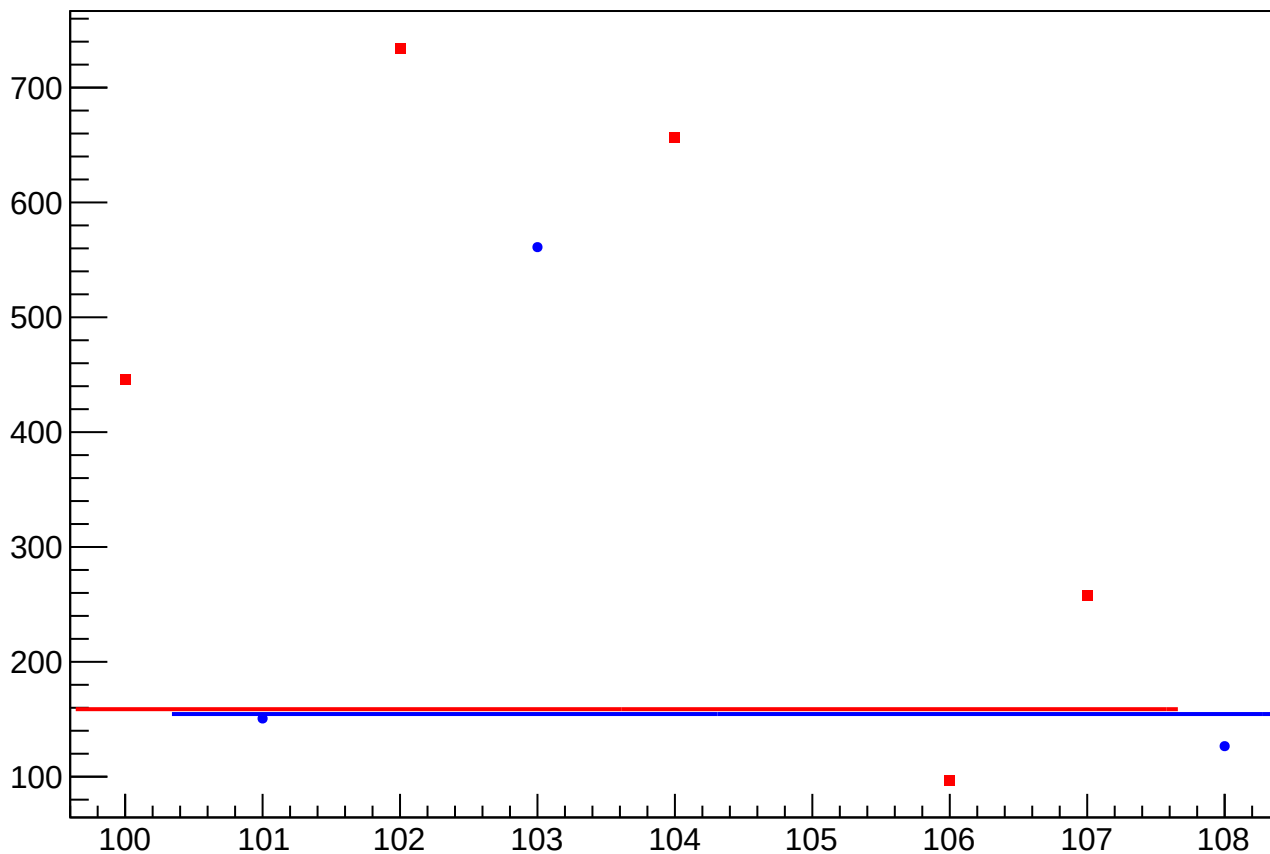
Right: -0.077 $\pm$ 0.112 χ^2 /NDF: 5.4/7

In: -0.129 $\pm$ 0.140 χ^2 /NDF:1.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.077 $\pm$ 0.112 χ^2 /NDF: 5.4/7

asym_atl_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 154.550+/-0.099 χ^2/NDF : 641570.8/2

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

Right Out: 158.785+/-0.133 χ^2/NDF : 1323641.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

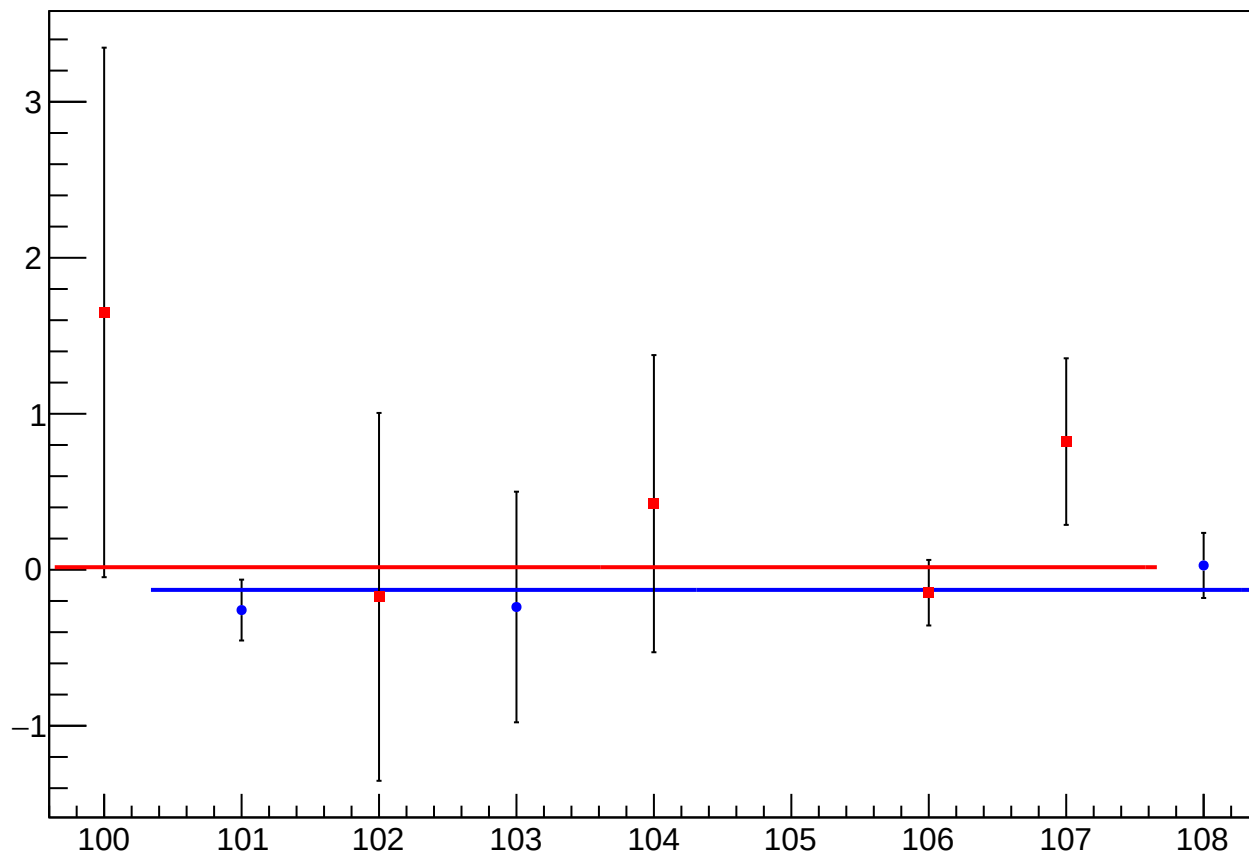
Right: 156.061+/-0.079 χ^2/NDF : 1965865.8/7

In: 154.550+/-0.099 χ^2/NDF : 641570.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.061+/-0.079 χ^2/NDF : 1965865.8/7

asym_atl_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.129+/-0.140 χ^2/NDF : 1.0/2

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

Right Out: 0.017+/-0.188 χ^2/NDF : 4.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

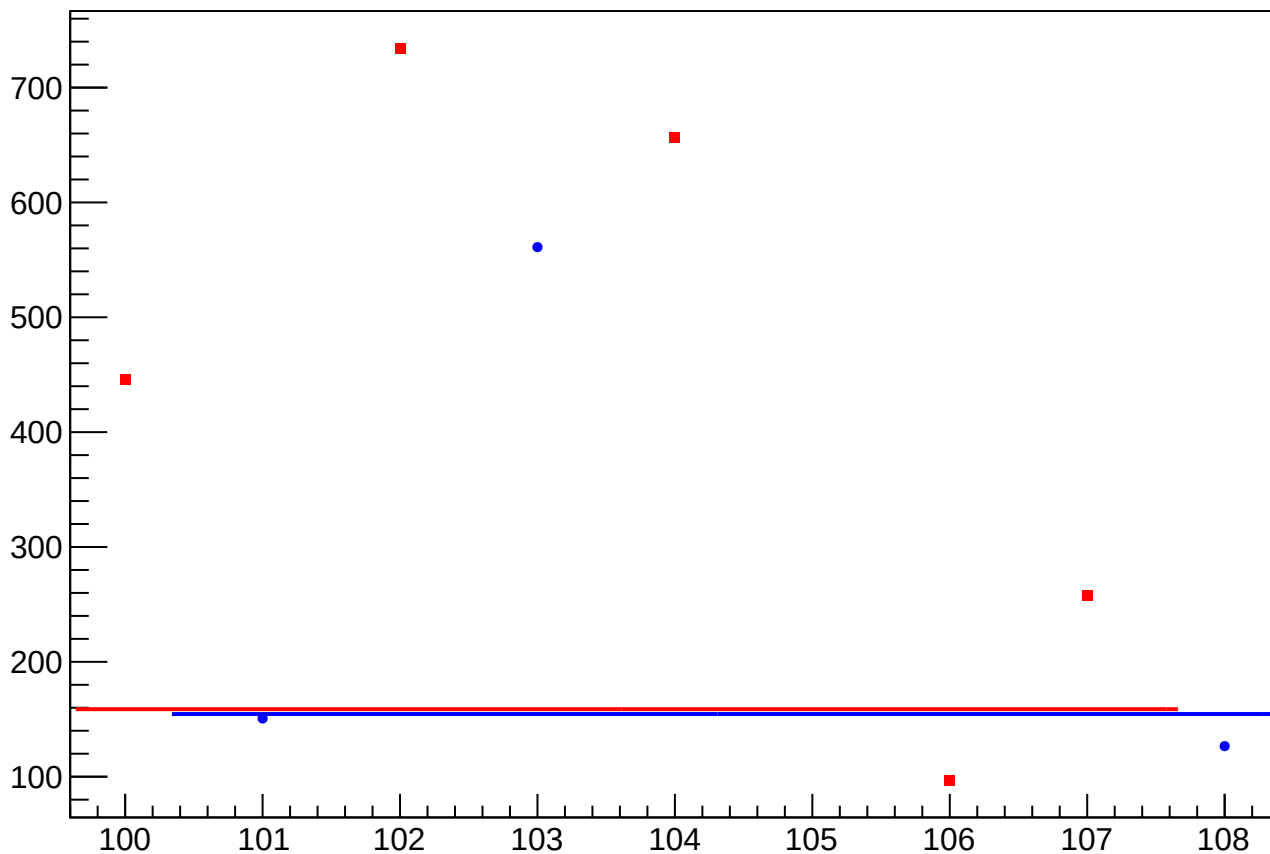
Right: -0.077+/-0.112 χ^2/NDF : 5.4/7

In: -0.129+/-0.140 χ^2/NDF : 1.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.077+/-0.112 χ^2/NDF : 5.4/7

asym_atl_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 154.550+/-0.099 χ^2/NDF : 641570.8/2

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

Right Out: 158.785+/-0.133 χ^2/NDF : 1323641.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

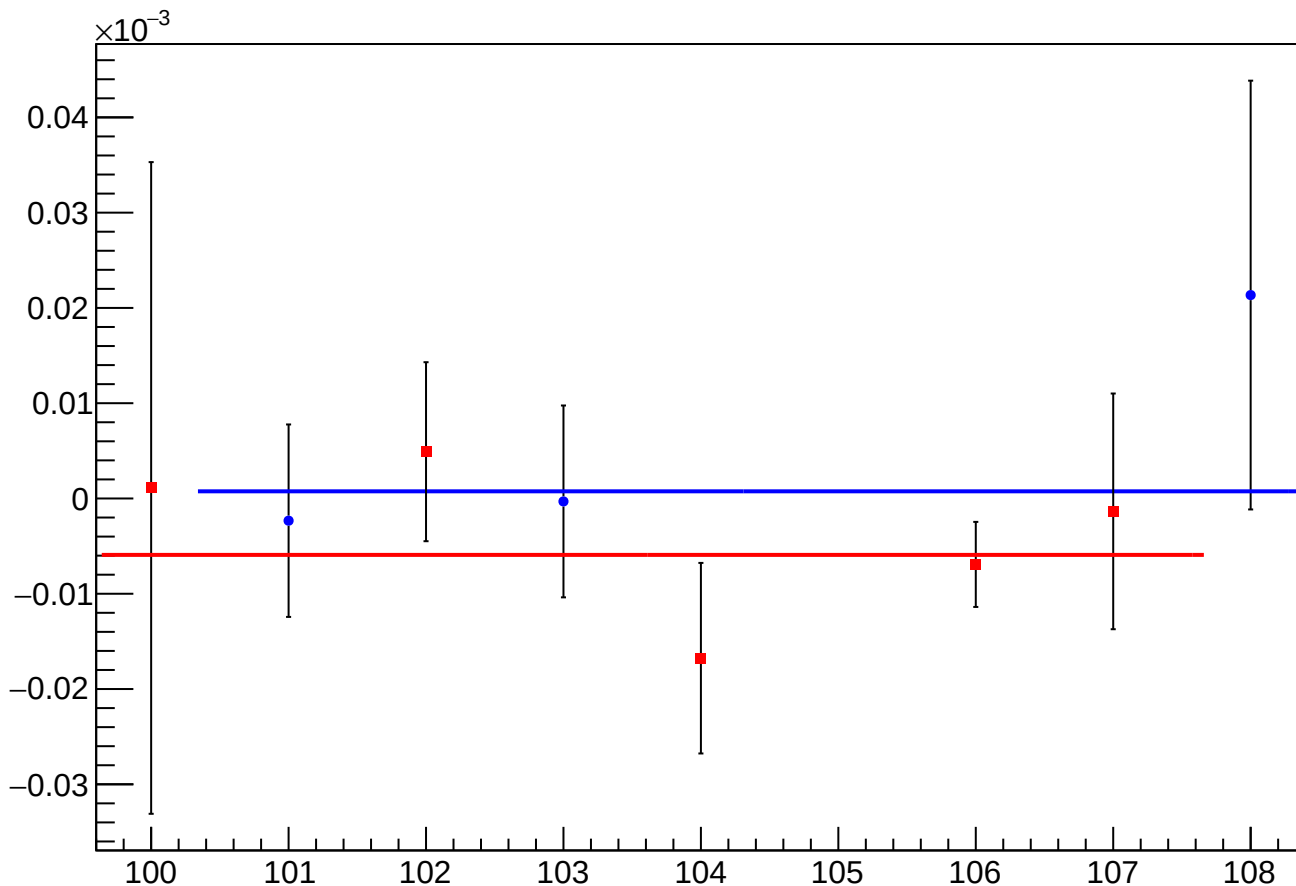
Right: 156.061+/-0.079 χ^2/NDF : 1965865.8/7

In: 154.550+/-0.099 χ^2/NDF : 641570.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.061+/-0.079 χ^2/NDF : 1965865.8/7

asym_atl_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.9/2

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

Right Out: -0.000+/-0.000 χ^2/NDF : 2.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

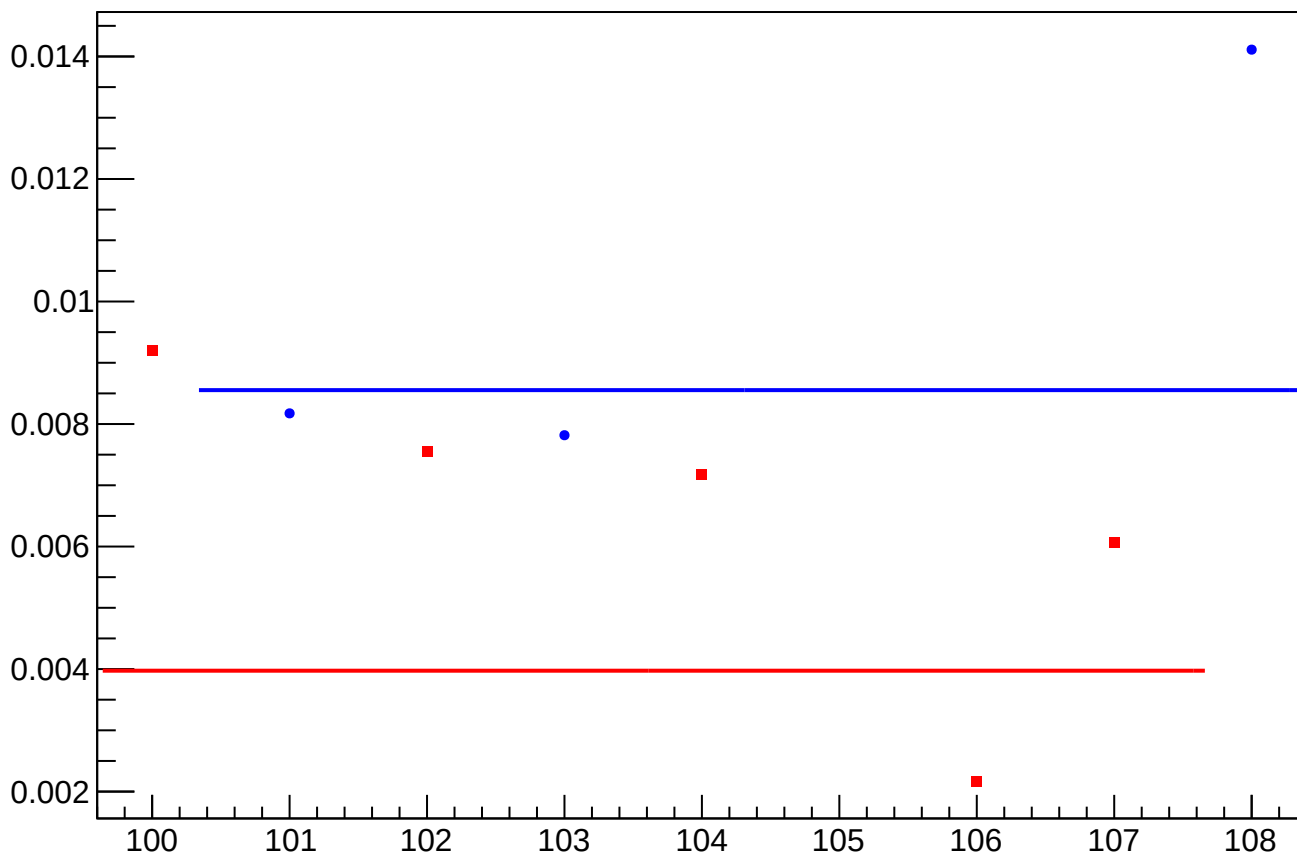
Right: -0.000+/-0.000 χ^2/NDF : 4.4/7

In: 0.000+/-0.000 χ^2/NDF : 0.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.4/7

asym_atl_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 135529.8/2

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

Right Out: 0.004+/-0.000 χ^2/NDF : 930071.5/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

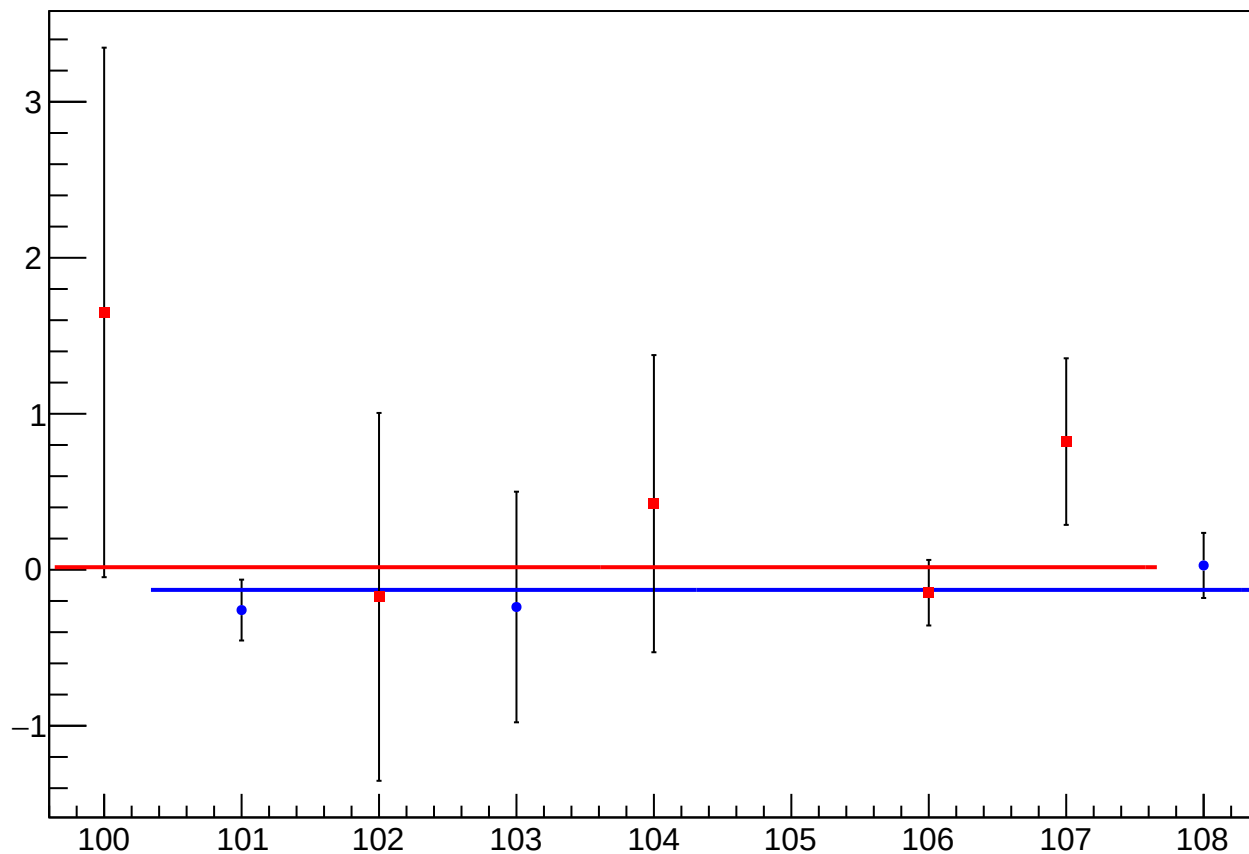
Right: 0.005+/-0.000 χ^2/NDF : 1778113.7/7

In: 0.009+/-0.000 χ^2/NDF :135529.8/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1778113.7/7

asym_atl_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.129 $\pm$ 0.140 χ^2 /NDF: 1.0/2

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

Right Out: 0.017 $\pm$ 0.188 χ^2 /NDF: 4.0/4

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

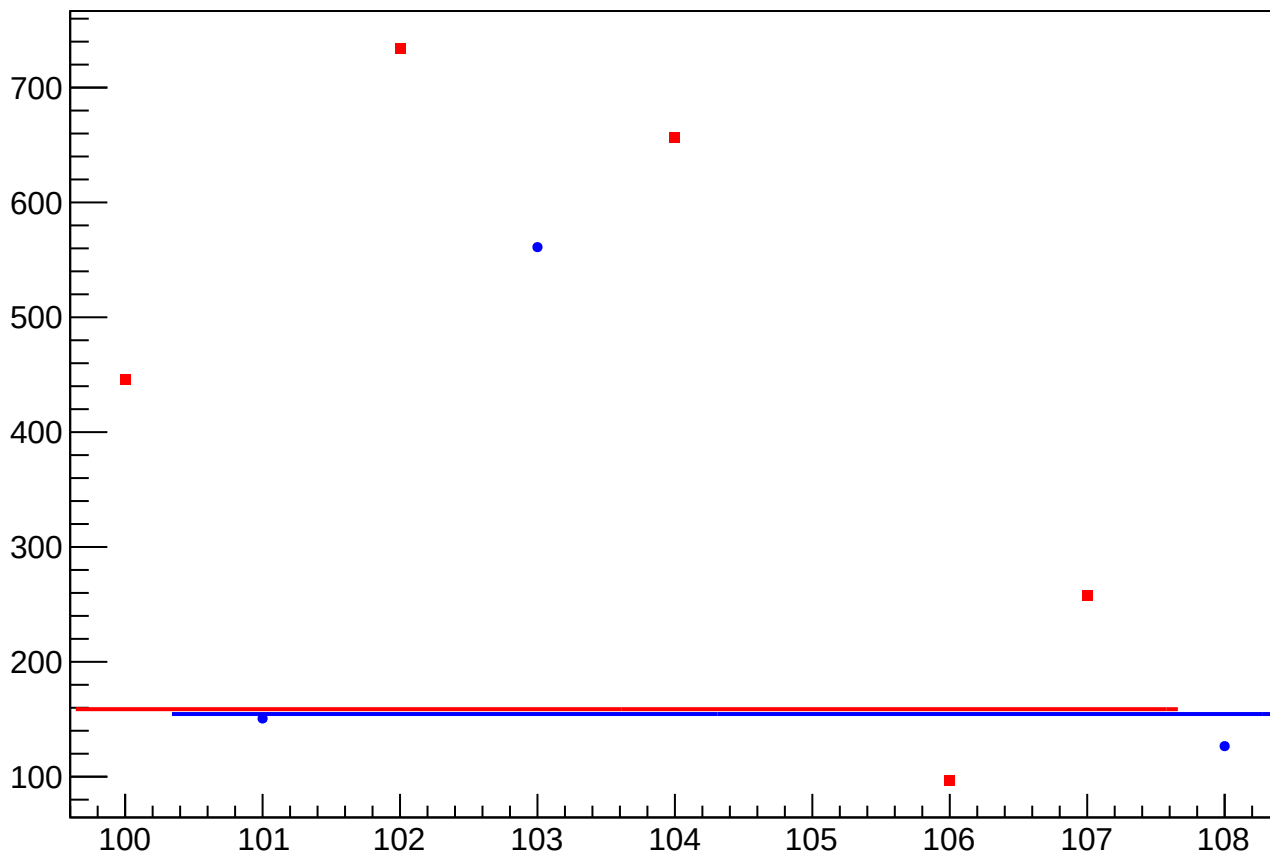
Right: -0.077 $\pm$ 0.112 χ^2 /NDF: 5.4/7

In: -0.129 $\pm$ 0.140 χ^2 /NDF:1.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.077 $\pm$ 0.112 χ^2 /NDF: 5.4/7

asym_atl_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 154.553+/-0.099 χ^2/NDF : 641541.5/2

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

Right Out: 158.784+/-0.133 χ^2/NDF : 1323632.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

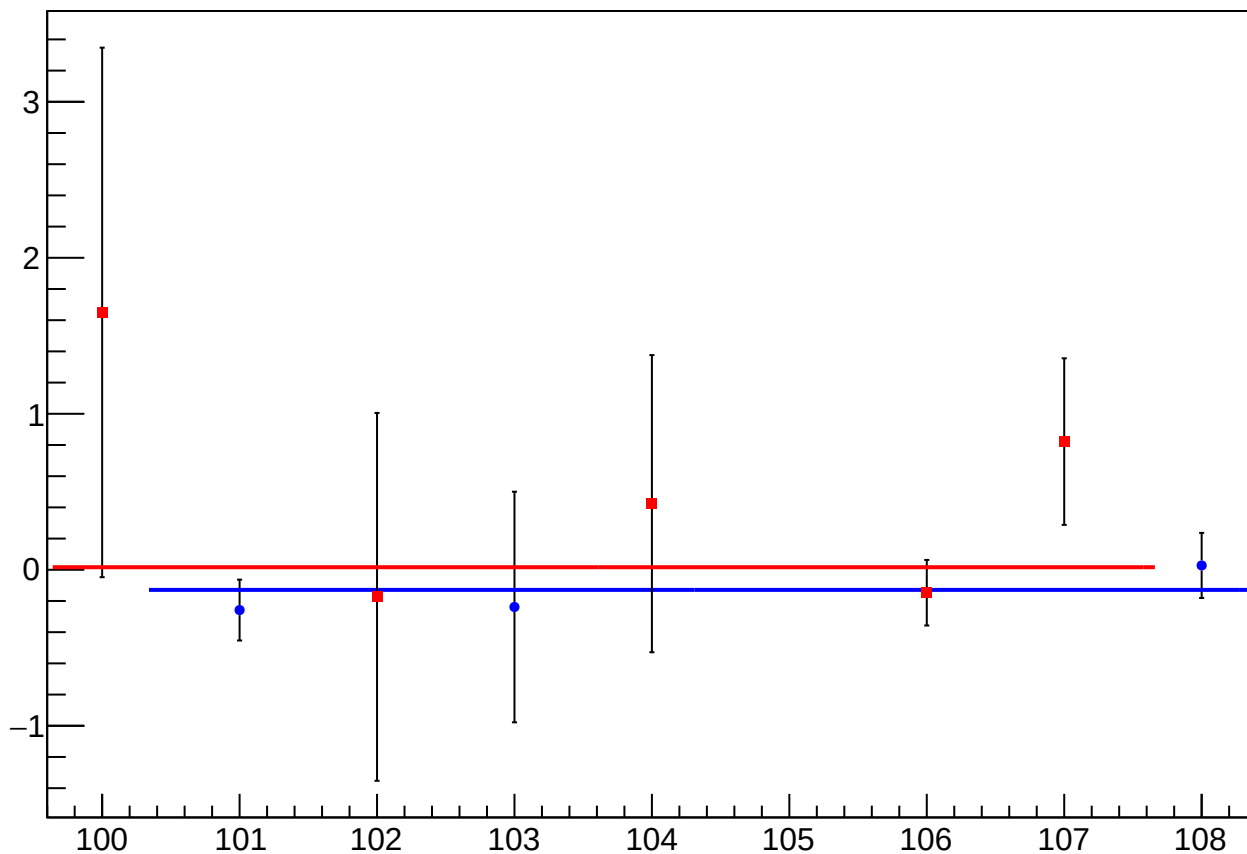
Right: 156.062+/-0.079 χ^2/NDF : 1965826.1/7

In: 154.553+/-0.099 χ^2/NDF : 641541.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.062+/-0.079 χ^2/NDF : 1965826.1/7

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.129 $\pm$ 0.140 χ^2 /NDF: 1.0/2

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

Right Out: 0.017 $\pm$ 0.188 χ^2 /NDF: 4.0/4

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

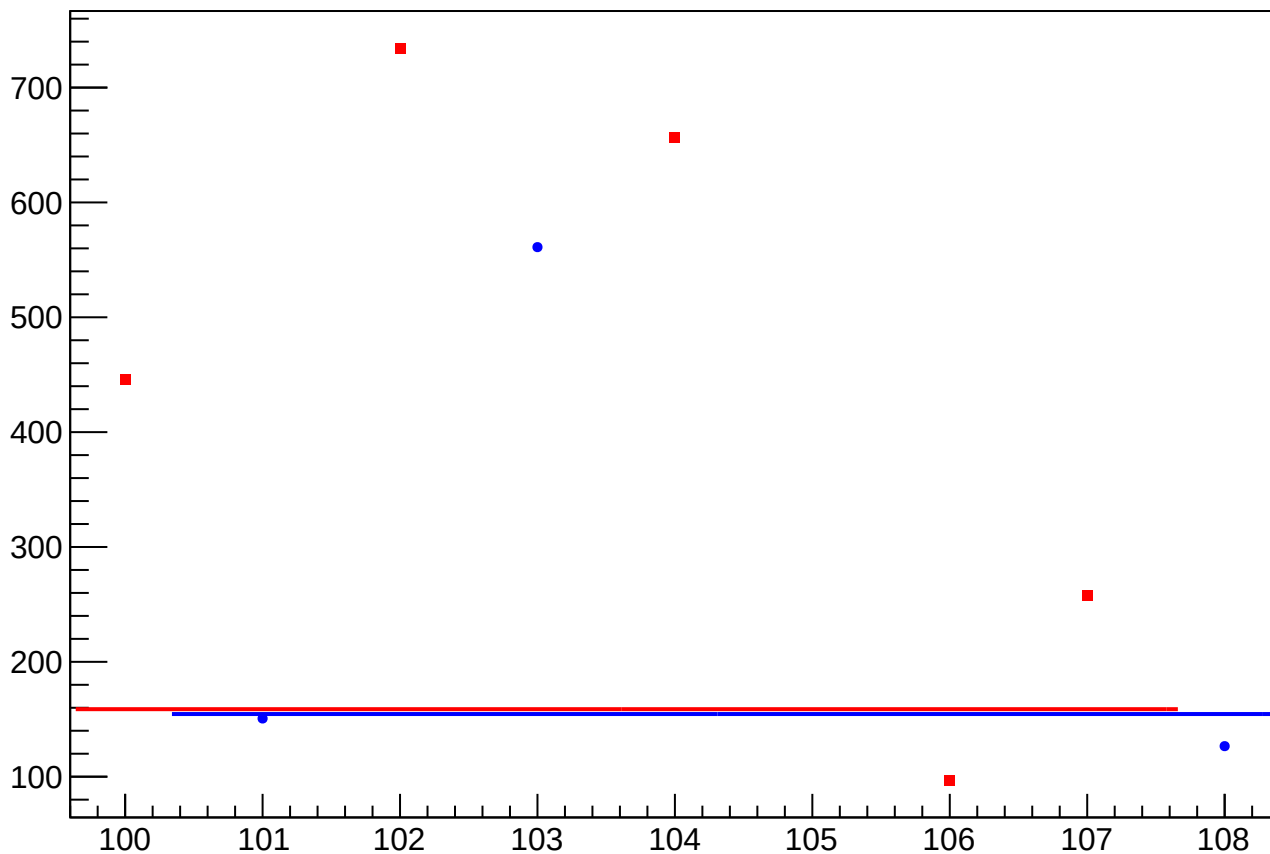
Right: -0.077 $\pm$ 0.112 χ^2 /NDF: 5.4/7

In: -0.129 $\pm$ 0.140 χ^2 /NDF:1.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.077 $\pm$ 0.112 χ^2 /NDF: 5.4/7

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 154.553+/-0.099 χ^2/NDF : 641541.5/2

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

Right Out: 158.784+/-0.133 χ^2/NDF : 1323632.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

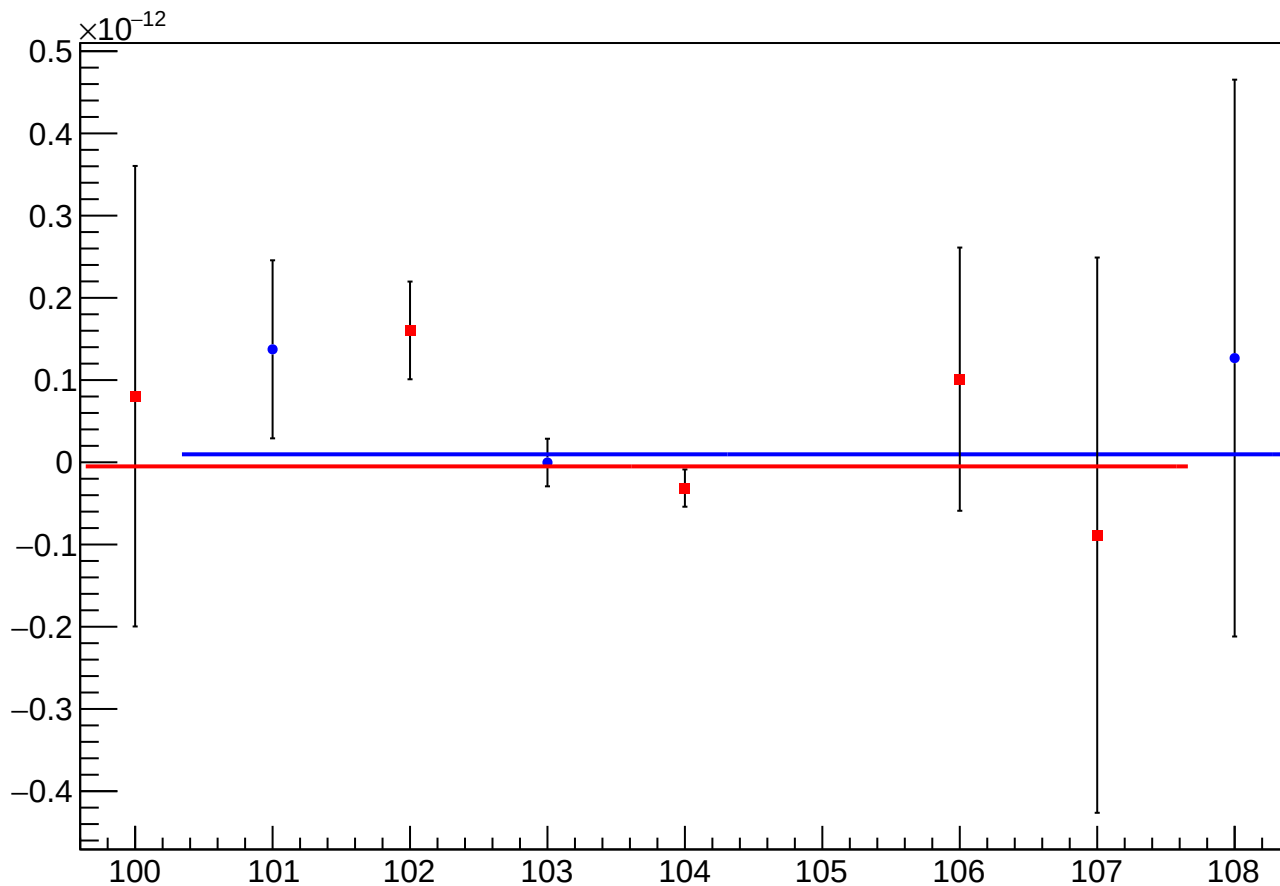
Right: 156.062+/-0.079 χ^2/NDF : 1965826.1/7

In: 154.553+/-0.099 χ^2/NDF : 641541.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.062+/-0.079 χ^2/NDF : 1965826.1/7

asym_atl_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.6/2

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

Right Out: -0.000+/-0.000 χ^2/NDF : 9.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

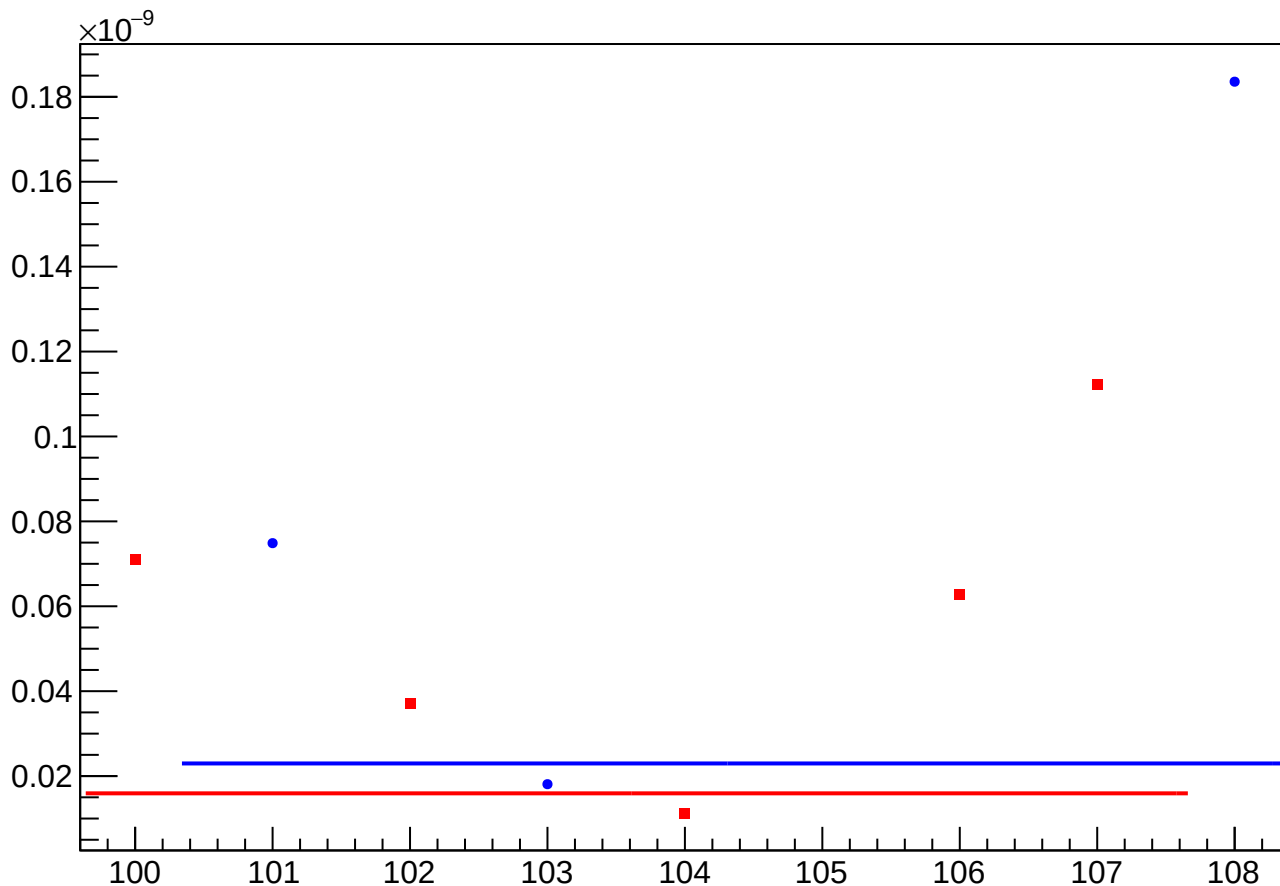
Right: 0.000+/-0.000 χ^2/NDF : 11.5/7

In: 0.000+/-0.000 χ^2/NDF : 1.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.5/7

asym_atl_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 966195.9/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 753455.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

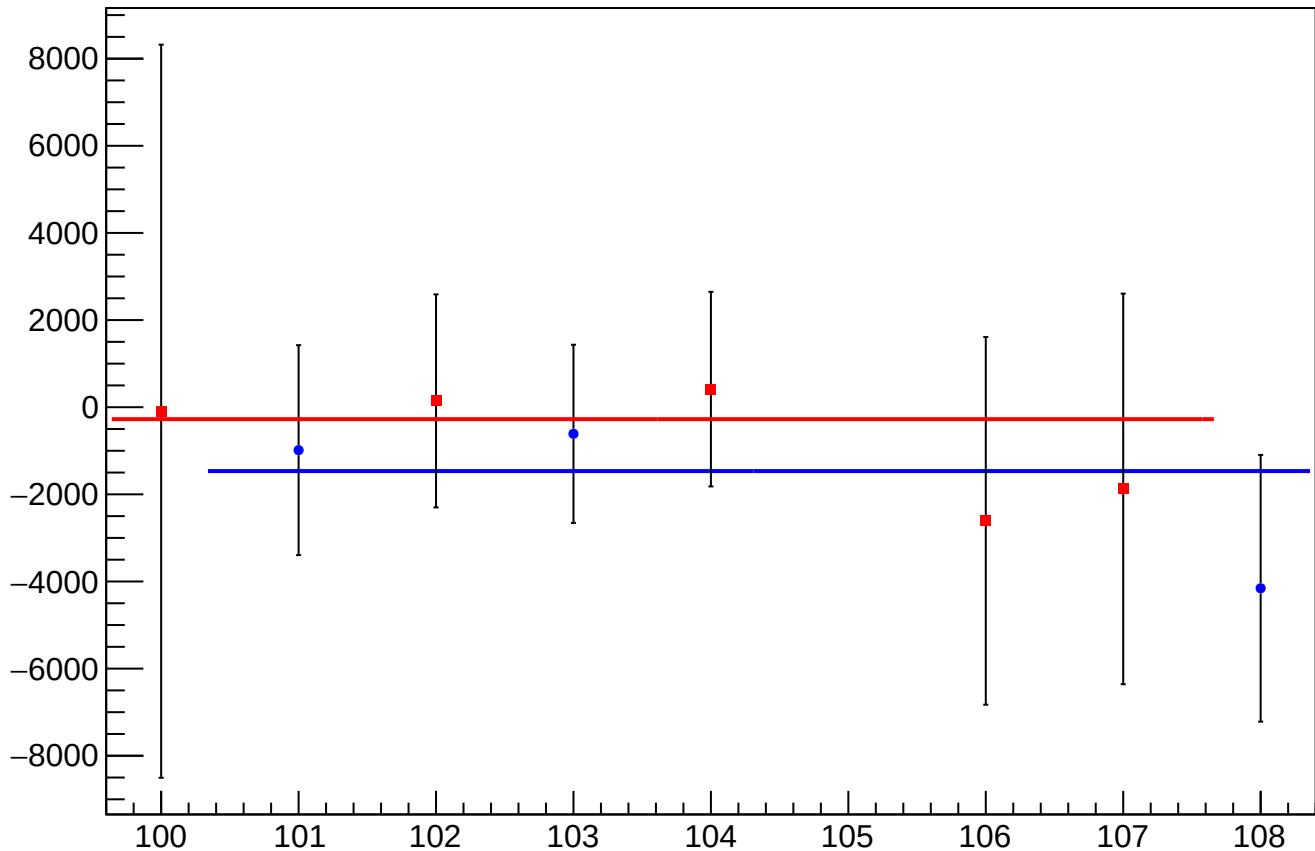
Right: 0.000+/-0.000 χ^2/NDF : 1801335.4/7

In: 0.000+/-0.000 χ^2/NDF : 966195.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1801335.4/7

reg_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -1465.925+/-1389.136 χ^2/NDF : 1.0/2

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

Right Out: -274.199+/-1431.835 χ^2/NDF : 0.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

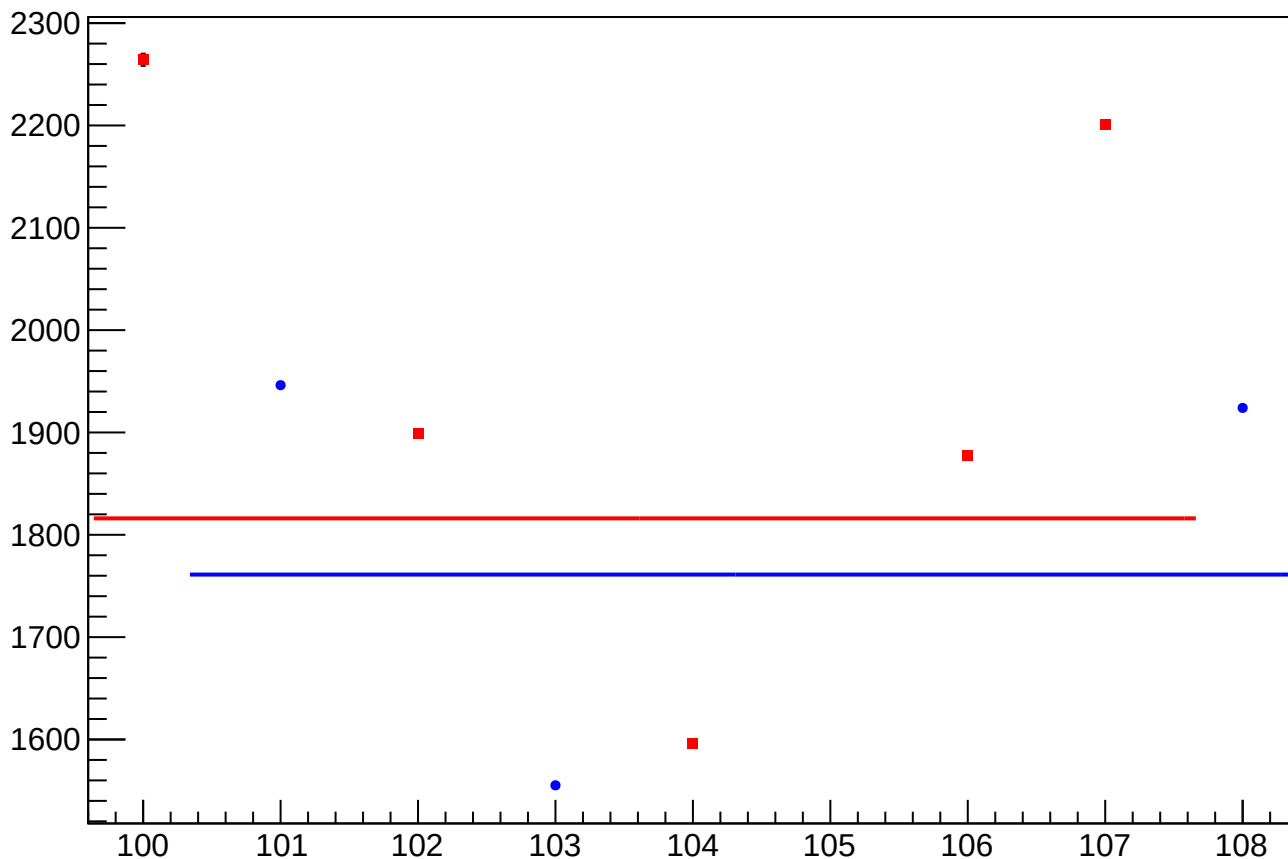
Right: -888.096+/-997.021 χ^2/NDF : 1.9/7

In: -1465.925+/-1389.136 χ^2/NDF : 1.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -888.096+/-997.021 χ^2/NDF : 1.9/7

reg_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1761.142+/-0.982 χ^2/NDF : 37751.6/2

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

Right Out: 1816.063+/-0.989 χ^2/NDF : 42731.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

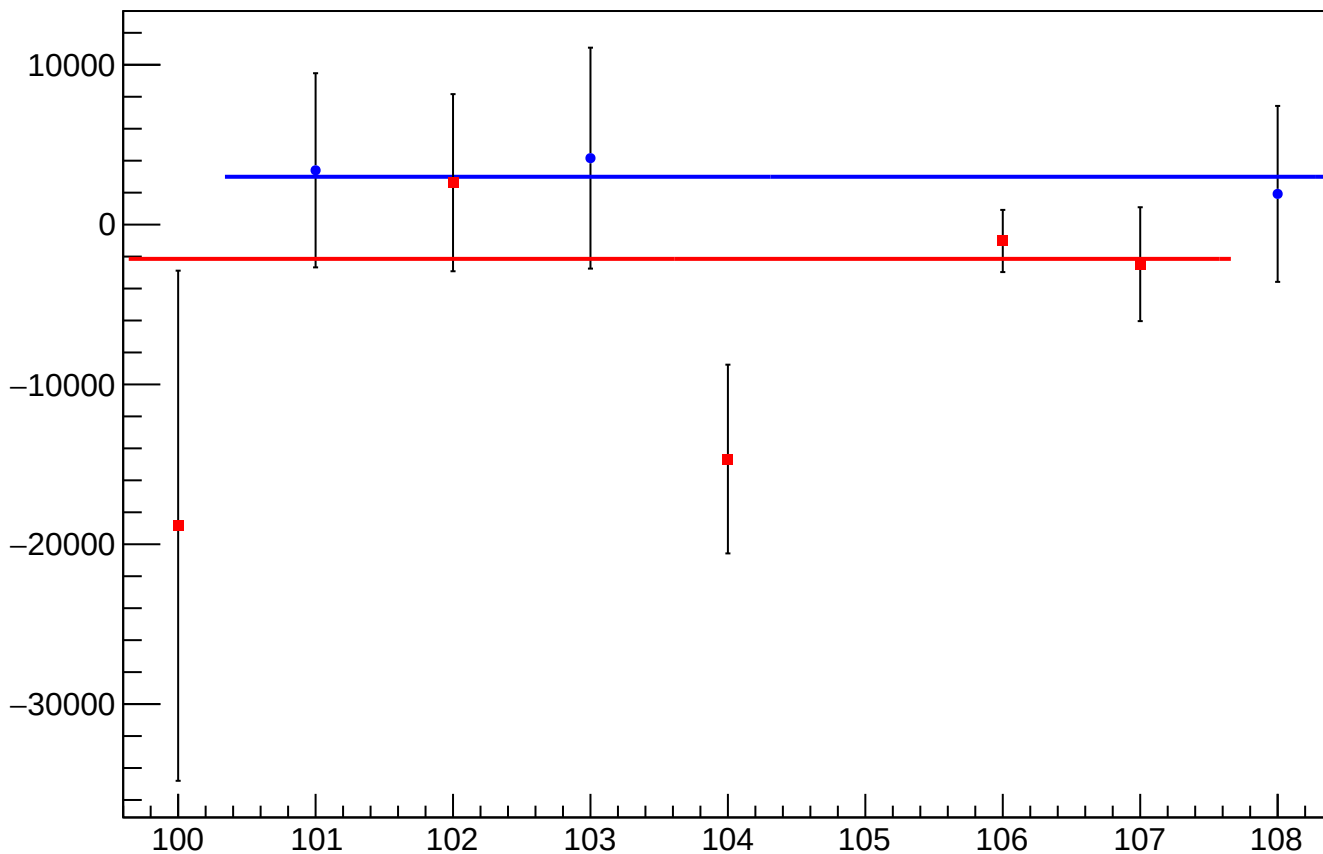
Right: 1788.406+/-0.697 χ^2/NDF : 82034.9/7

In: 1761.142+/-0.982 χ^2/NDF : 37751.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1788.406+/-0.697 χ^2/NDF : 82034.9/7

asym_atl_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 2993.463+/-3512.878 χ^2/NDF : 0.1/2

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

Right Out: -2143.641+/-1564.991 χ^2/NDF : 6.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

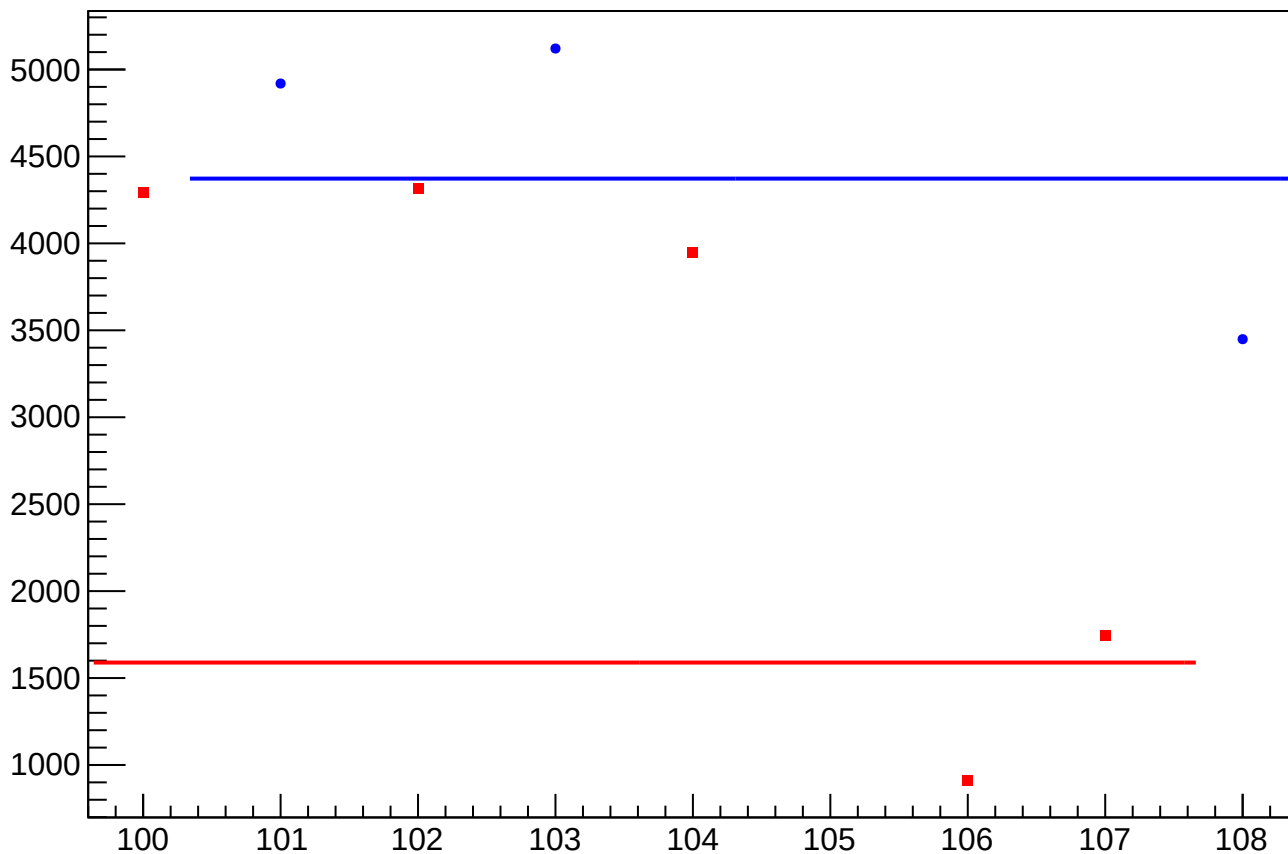
Right: -1292.918+/-1429.545 χ^2/NDF : 8.5/7

In: 2993.463+/-3512.878 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1292.918+/-1429.545 χ^2/NDF : 8.5/7

asym_atl_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 4372.522+/-2.484 χ^2/NDF : 95929.6/2

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

Right Out: 1589.126+/-1.107 χ^2/NDF : 1107290.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

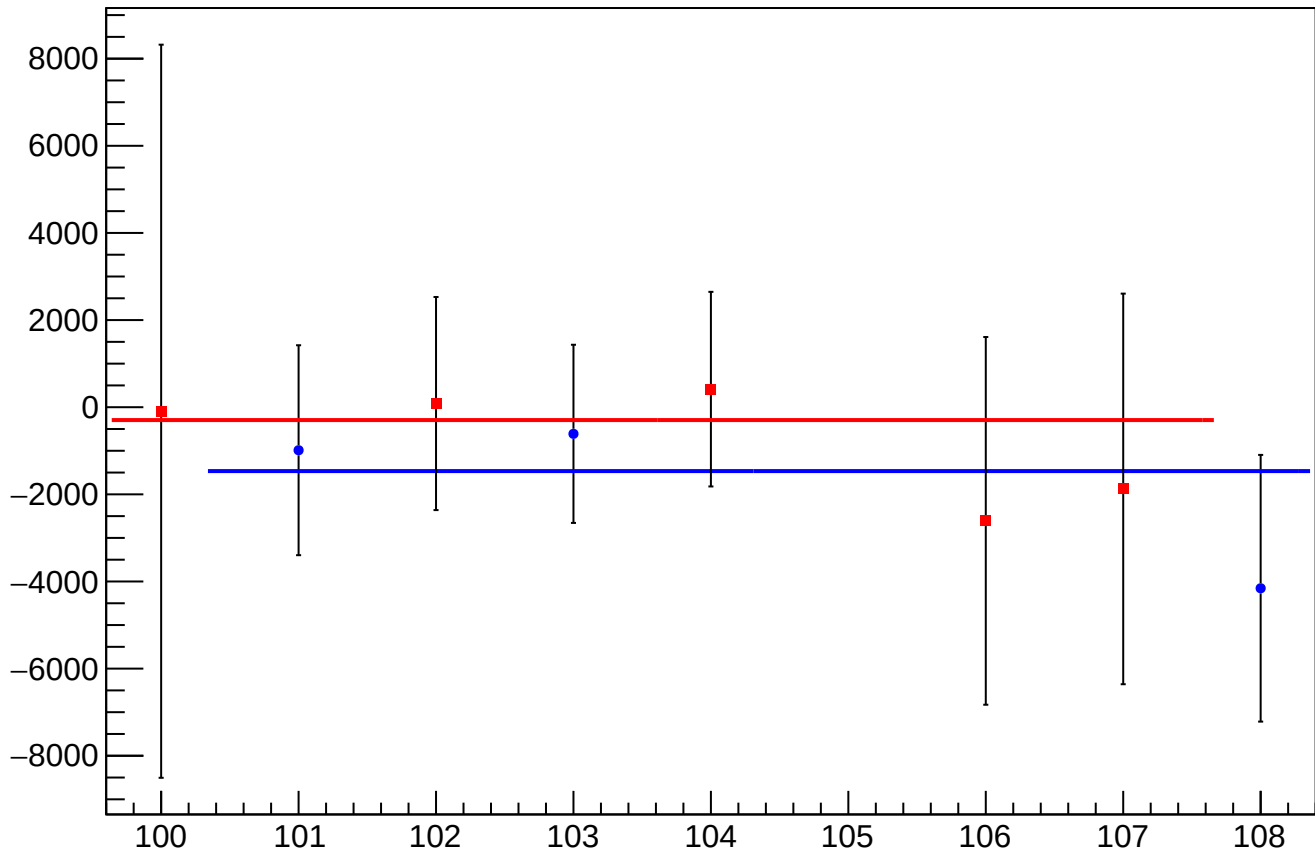
Right: 2050.066+/-1.011 χ^2/NDF : 2250893.9/7

In: 4372.522+/-2.484 χ^2/NDF : 95929.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2050.066+/-1.011 χ^2/NDF : 2250893.9/7

cor_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -1466.312+/-1389.136 χ^2/NDF : 1.0/2

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

Right Out: -295.222+/-1431.905 χ^2/NDF : 0.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

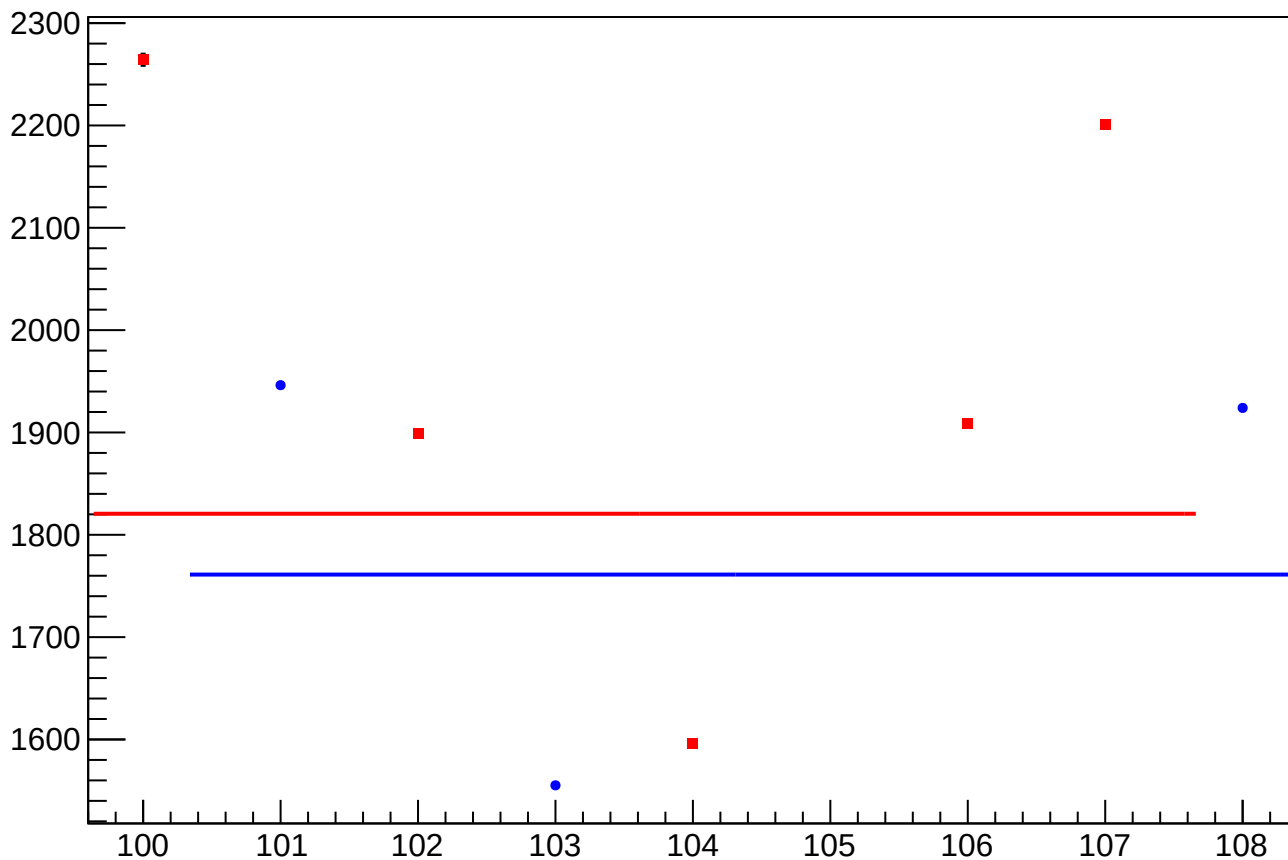
Right: -898.517+/-997.045 χ^2/NDF : 1.9/7

In: -1466.312+/-1389.136 χ^2/NDF : 1.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -898.517+/-997.045 χ^2/NDF : 1.9/7

cor_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1761.141+/-0.982 χ^2/NDF : 37751.8/2

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

Right Out: 1820.555+/-0.992 χ^2/NDF : 43442.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

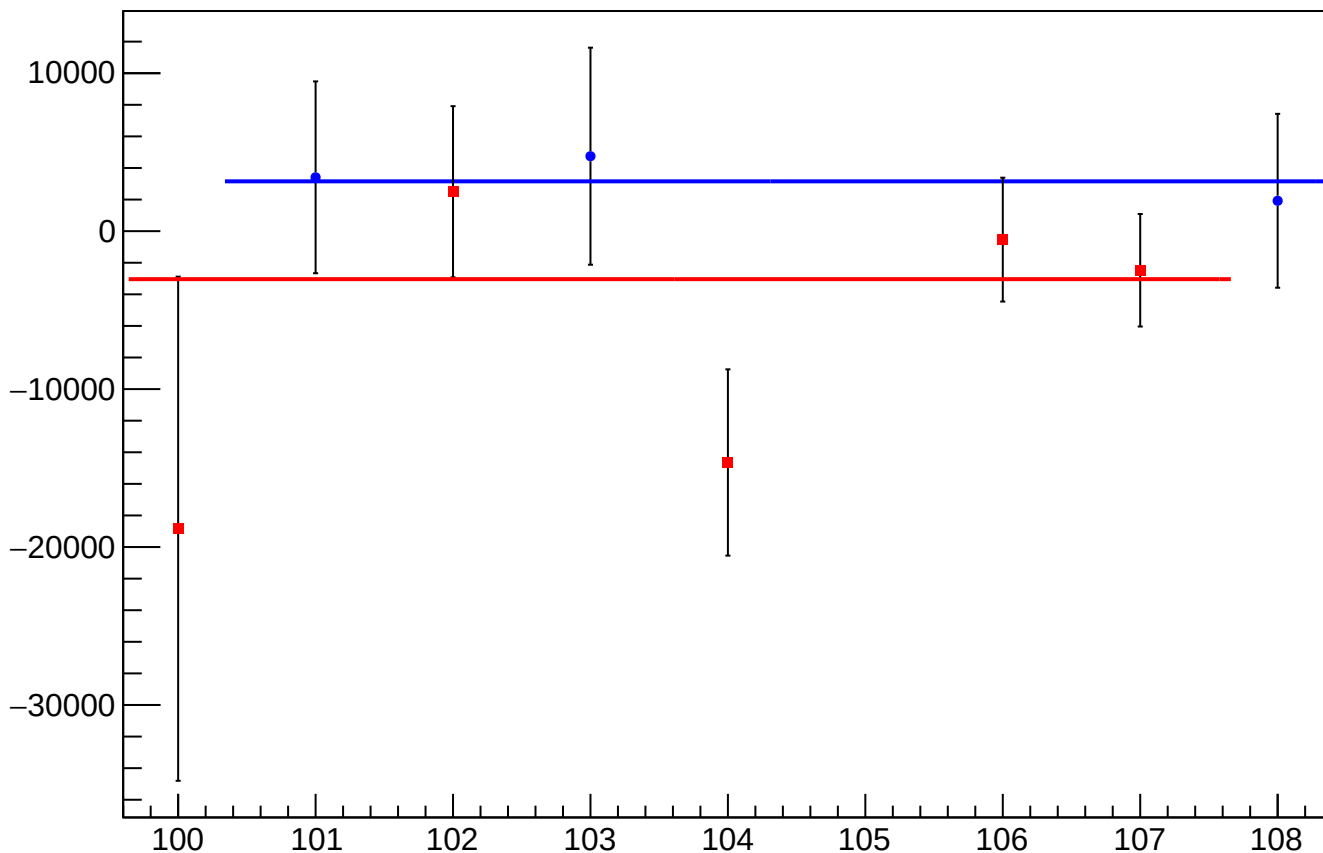
Right: 1790.565+/-0.698 χ^2/NDF : 83006.0/7

In: 1761.141+/-0.982 χ^2/NDF : 37751.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1790.565+/-0.698 χ^2/NDF : 83006.0/7

asym_atl_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 3153.999+/-3507.231 χ^2/NDF : 0.1/2

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

Right Out: -3039.895+/-2179.396 χ^2/NDF : 6.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

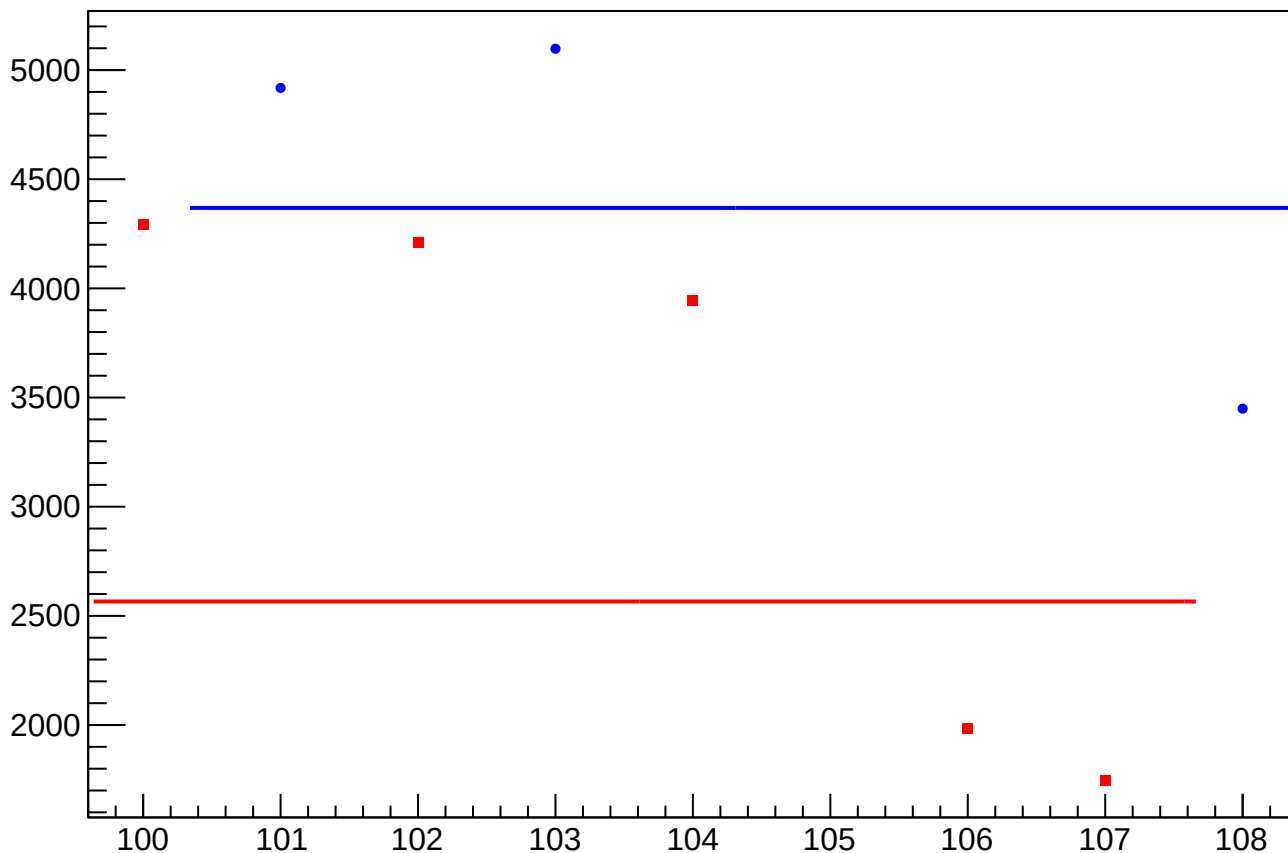
Right: -1314.452+/-1851.112 χ^2/NDF : 8.7/7

In: 3153.999+/-3507.231 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1314.452+/-1851.112 χ^2/NDF : 8.7/7

asym_atl_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 4368.598 $\pm$ 2.480 χ^2 /NDF: 94730.1/2

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

Right Out: 2565.797 $\pm$ 1.541 χ^2 /NDF: 465924.5/4

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

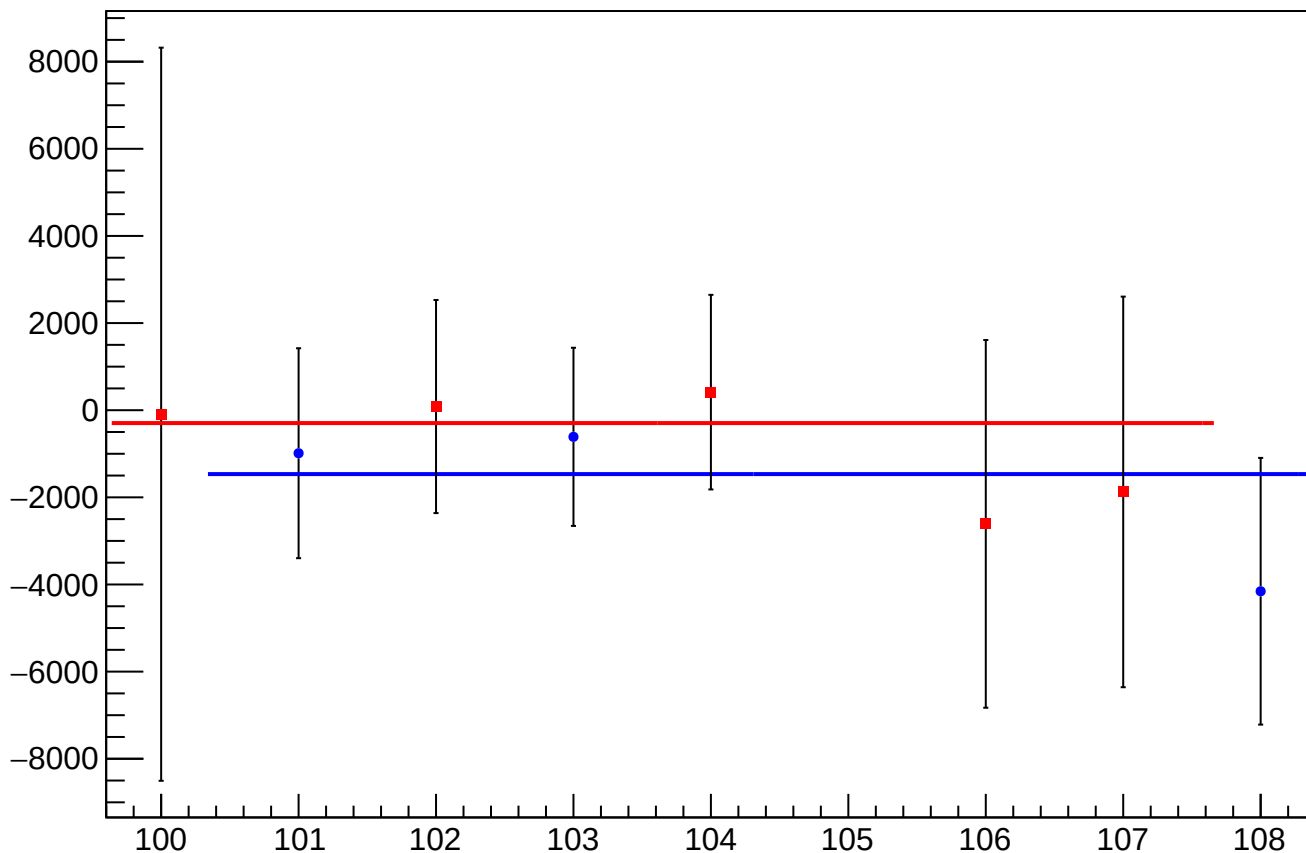
Right: 3068.006 $\pm$ 1.309 χ^2 /NDF: 941887.4/7

In: 4368.598 $\pm$ 2.480 χ^2 /NDF:94730.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3068.006 $\pm$ 1.309 χ^2 /NDF: 941887.4/7

eigen_cor_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -1466.312+/-1389.136 χ^2/NDF : 1.0/2

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

Right Out: -295.222+/-1431.905 χ^2/NDF : 0.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

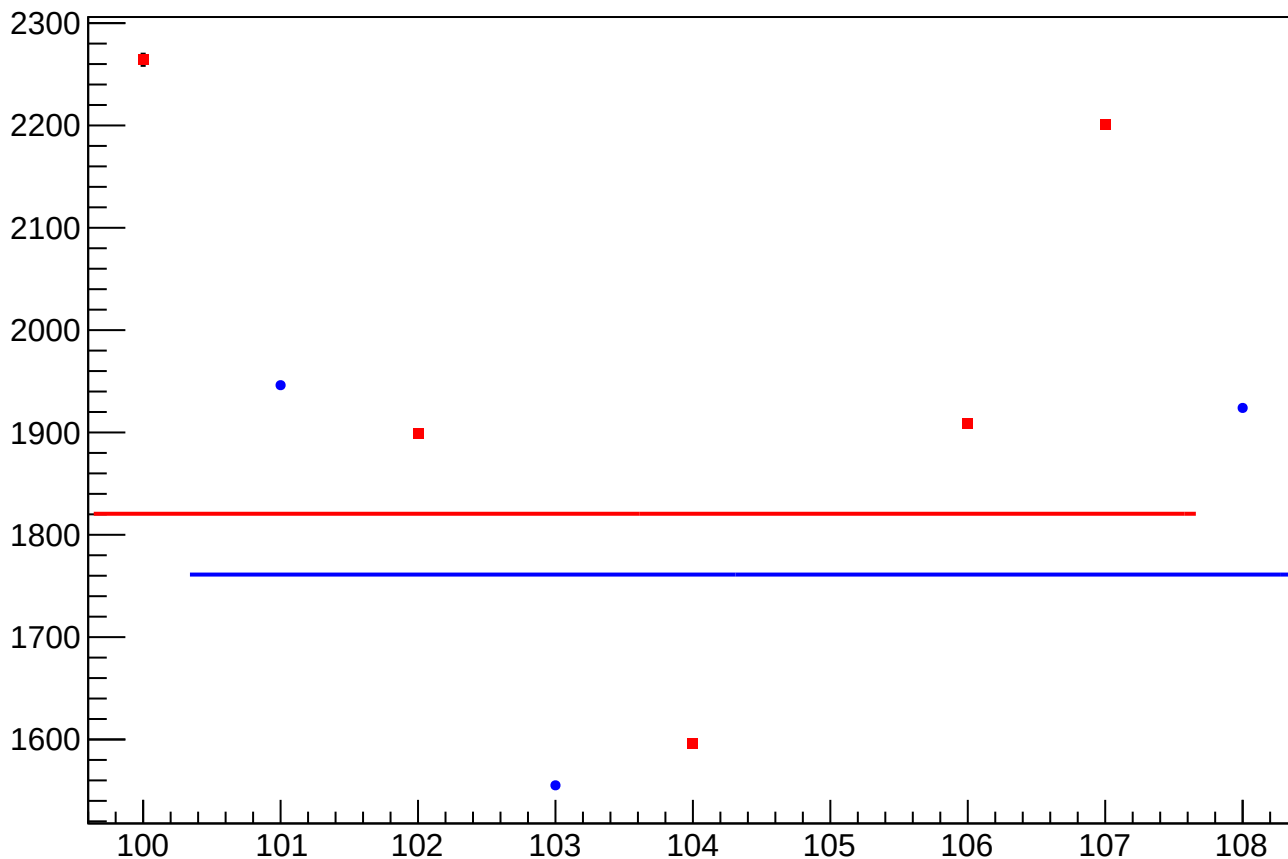
Right: -898.517+/-997.045 χ^2/NDF : 1.9/7

In: -1466.312+/-1389.136 χ^2/NDF : 1.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -898.517+/-997.045 χ^2/NDF : 1.9/7

eigen_cor_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1761.141+/-0.982 χ^2/NDF : 37751.8/2

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

Right Out: 1820.555+/-0.992 χ^2/NDF : 43442.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

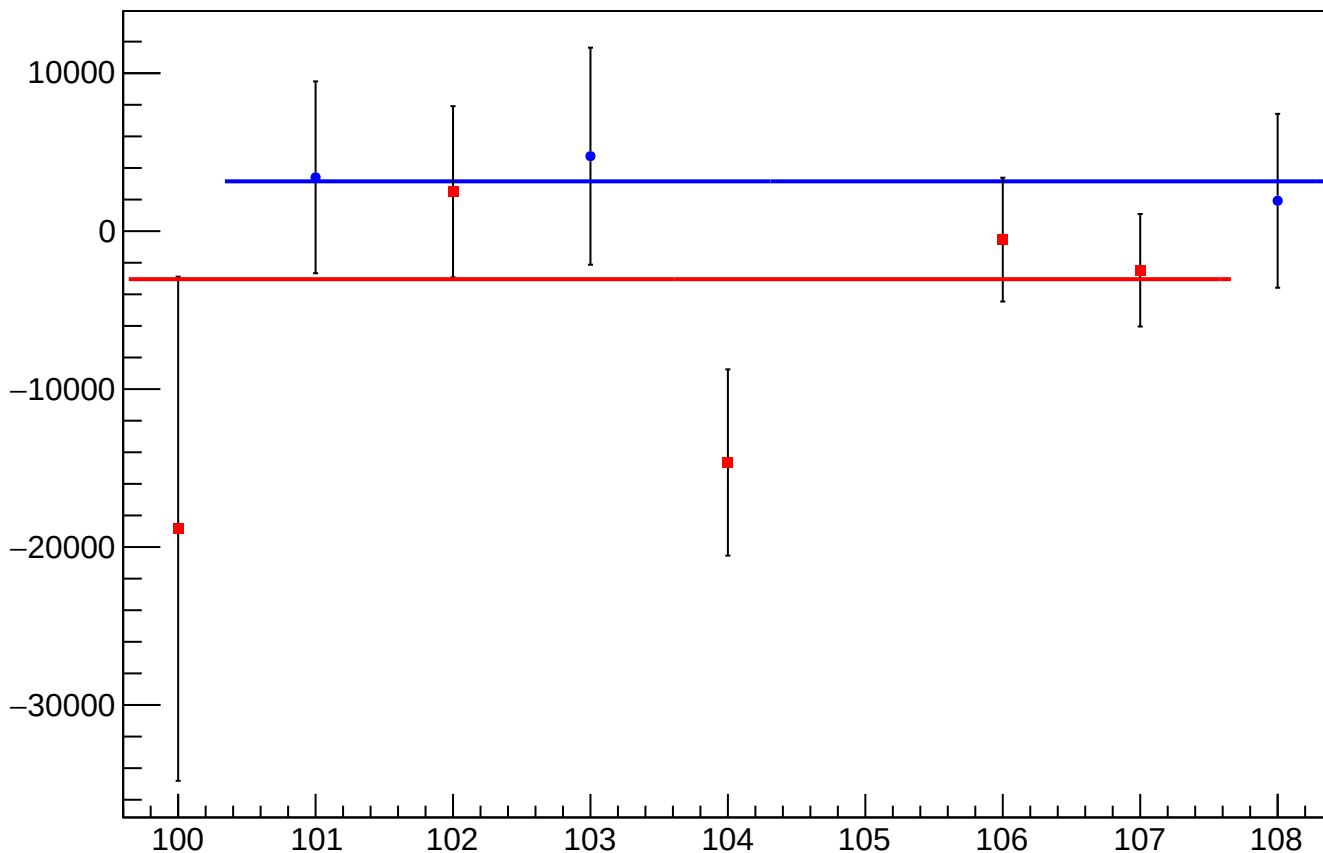
Right: 1790.565+/-0.698 χ^2/NDF : 83006.0/7

In: 1761.141+/-0.982 χ^2/NDF : 37751.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1790.565+/-0.698 χ^2/NDF : 83006.0/7

asym_atl_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 3153.999+/-3507.231 χ^2/NDF : 0.1/2

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

Right Out: -3039.895+/-2179.396 χ^2/NDF : 6.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

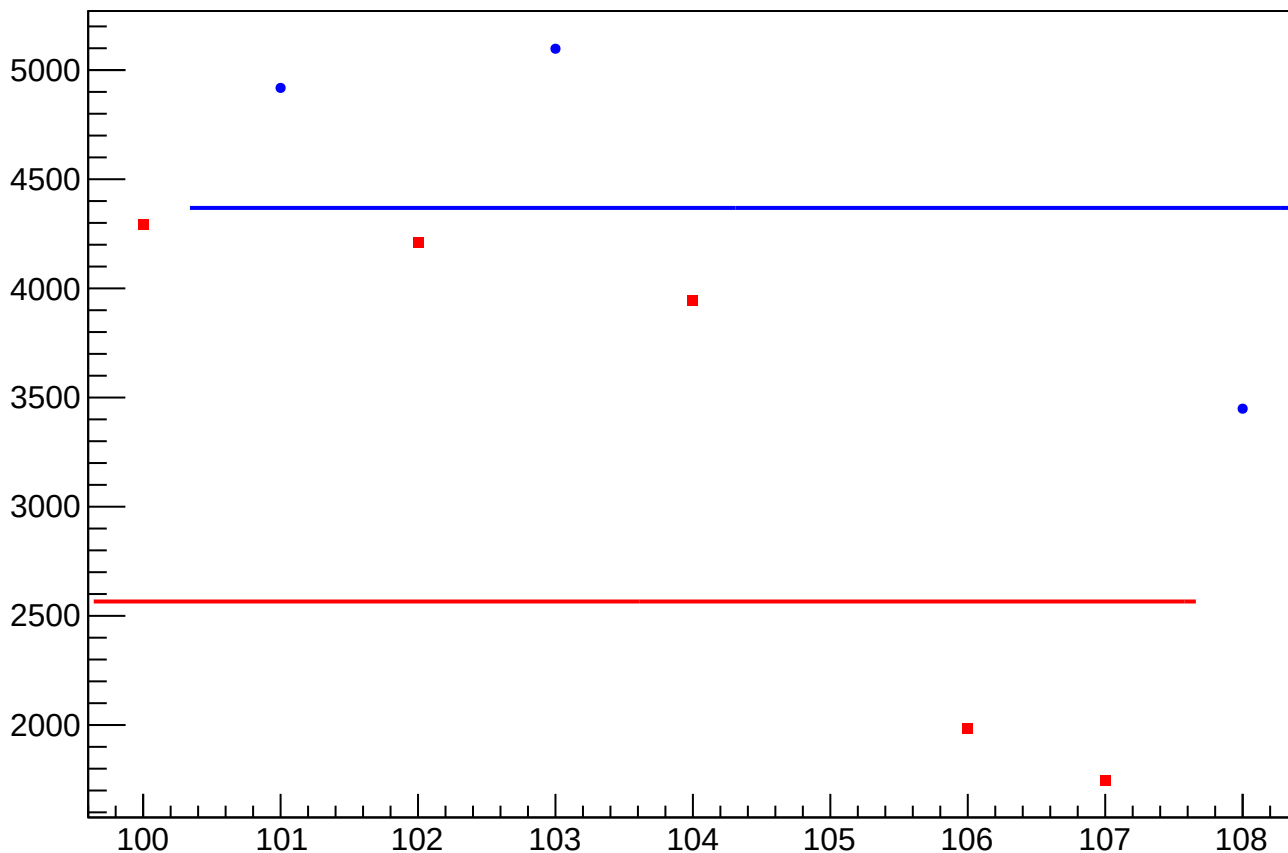
Right: -1314.452+/-1851.112 χ^2/NDF : 8.7/7

In: 3153.999+/-3507.231 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1314.452+/-1851.112 χ^2/NDF : 8.7/7

asym_atl_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4368.598 $\pm$ 2.480 χ^2 /NDF: 94730.1/2

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

Right Out: 2565.797 $\pm$ 1.541 χ^2 /NDF: 465924.5/4

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

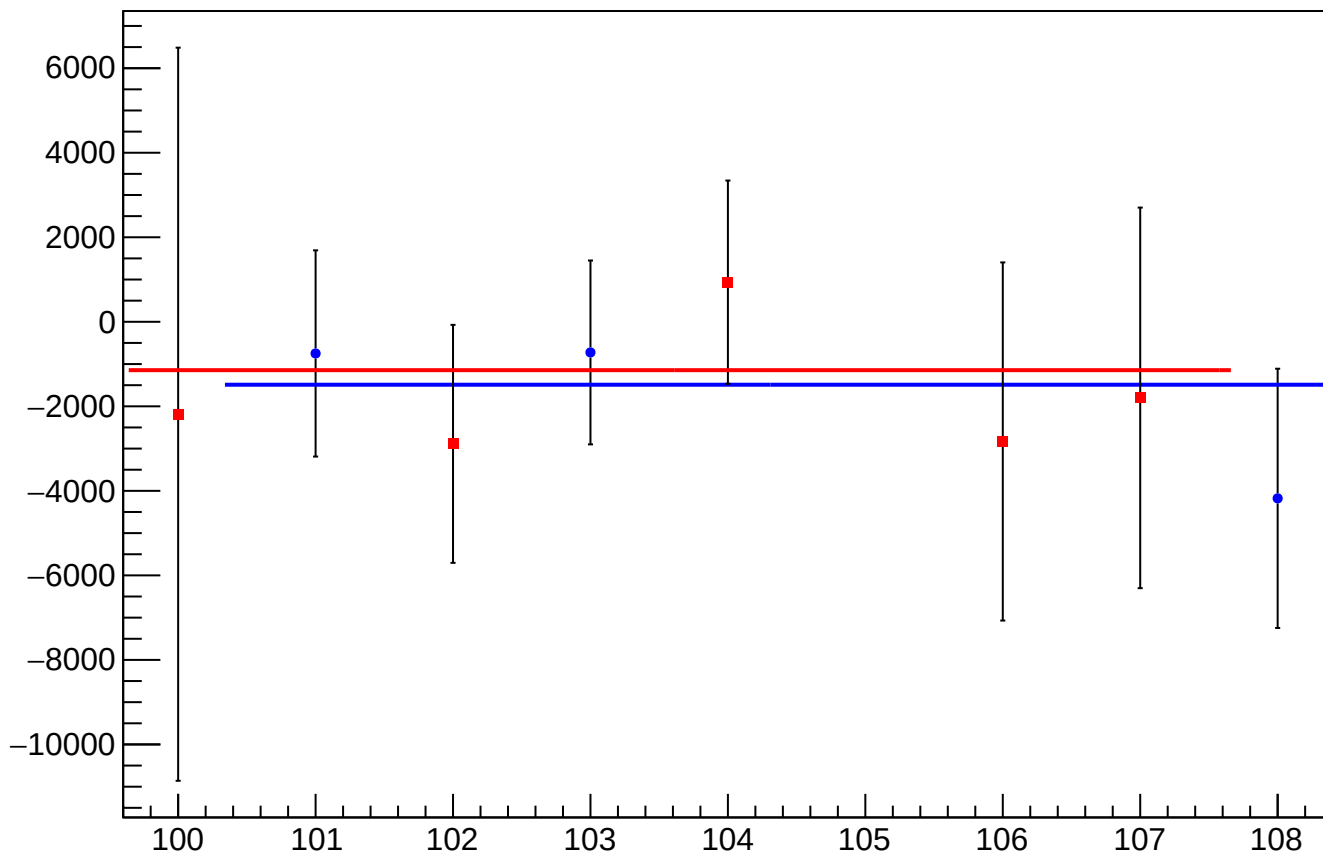
Right: 3068.006 $\pm$ 1.309 χ^2 /NDF: 941887.4/7

In: 4368.598 $\pm$ 2.480 χ^2 /NDF:94730.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3068.006 $\pm$ 1.309 χ^2 /NDF: 941887.4/7

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -1489.033+/-1435.025 χ^2/NDF : 1.0/2

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

Right Out: -1144.459+/-1547.726 χ^2/NDF : 1.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

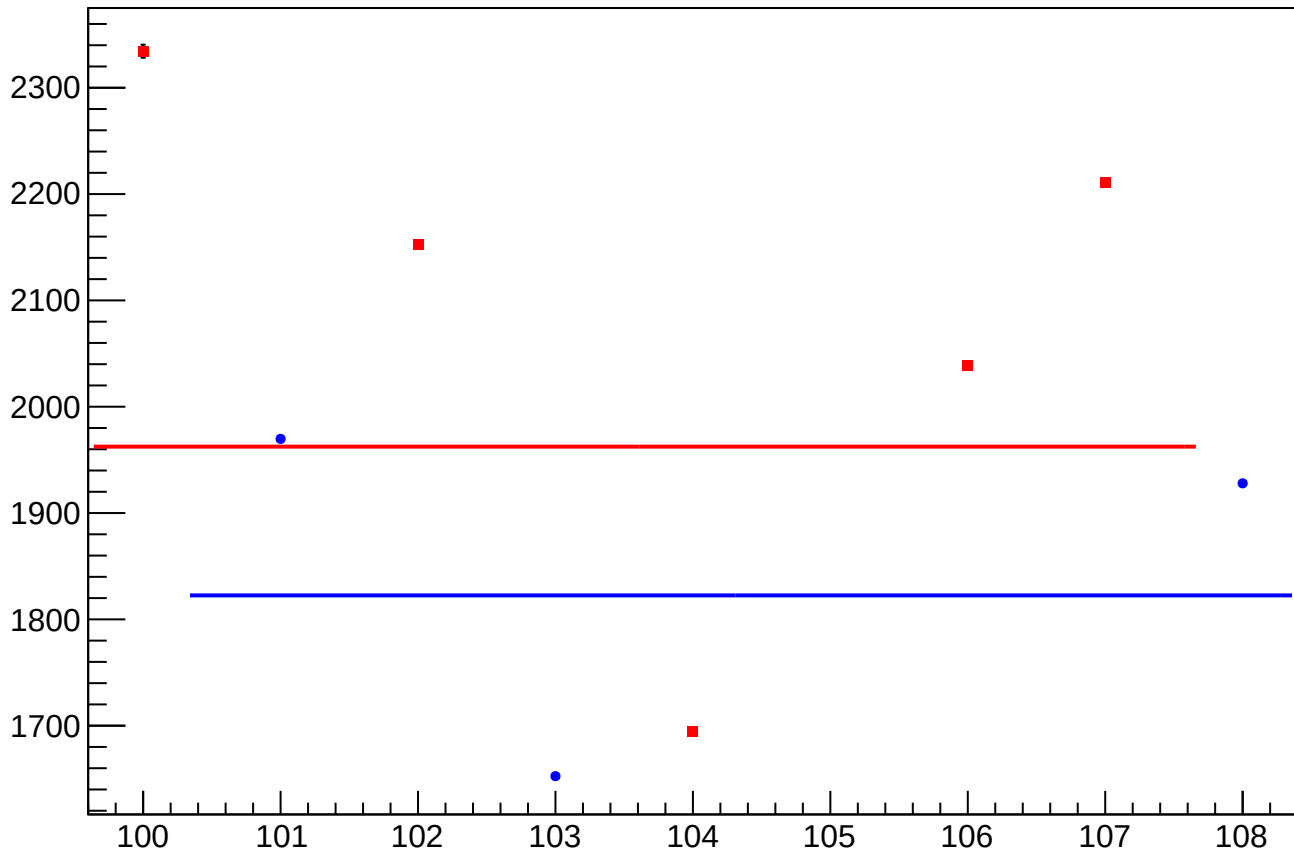
Right: -1329.747+/-1052.305 χ^2/NDF : 2.3/7

In: -1489.033+/-1435.025 χ^2/NDF : 1.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1329.747+/-1052.305 χ^2/NDF : 2.3/7

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1822.545+/-1.015 χ^2/NDF : 21859.1/2

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

Right Out: 1962.465+/-1.080 χ^2/NDF : 44394.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

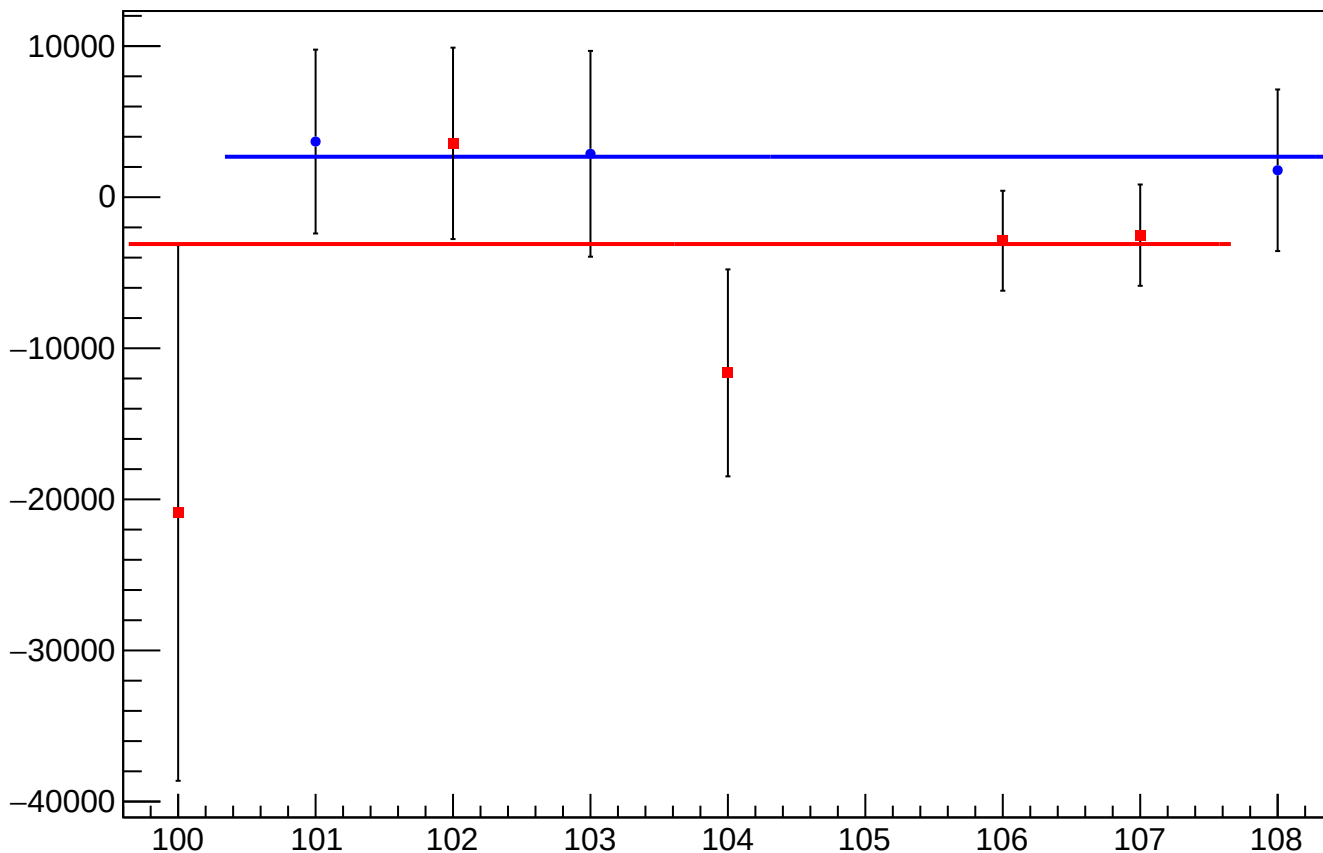
Right: 1888.144+/-0.740 χ^2/NDF : 75167.9/7

In: 1822.545+/-1.015 χ^2/NDF : 21859.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1888.144+/-0.740 χ^2/NDF : 75167.9/7

asym_atl_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 2677.617+/-3460.028 χ^2/NDF : 0.1/2

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

Right Out: -3101.282+/-2086.124 χ^2/NDF : 3.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

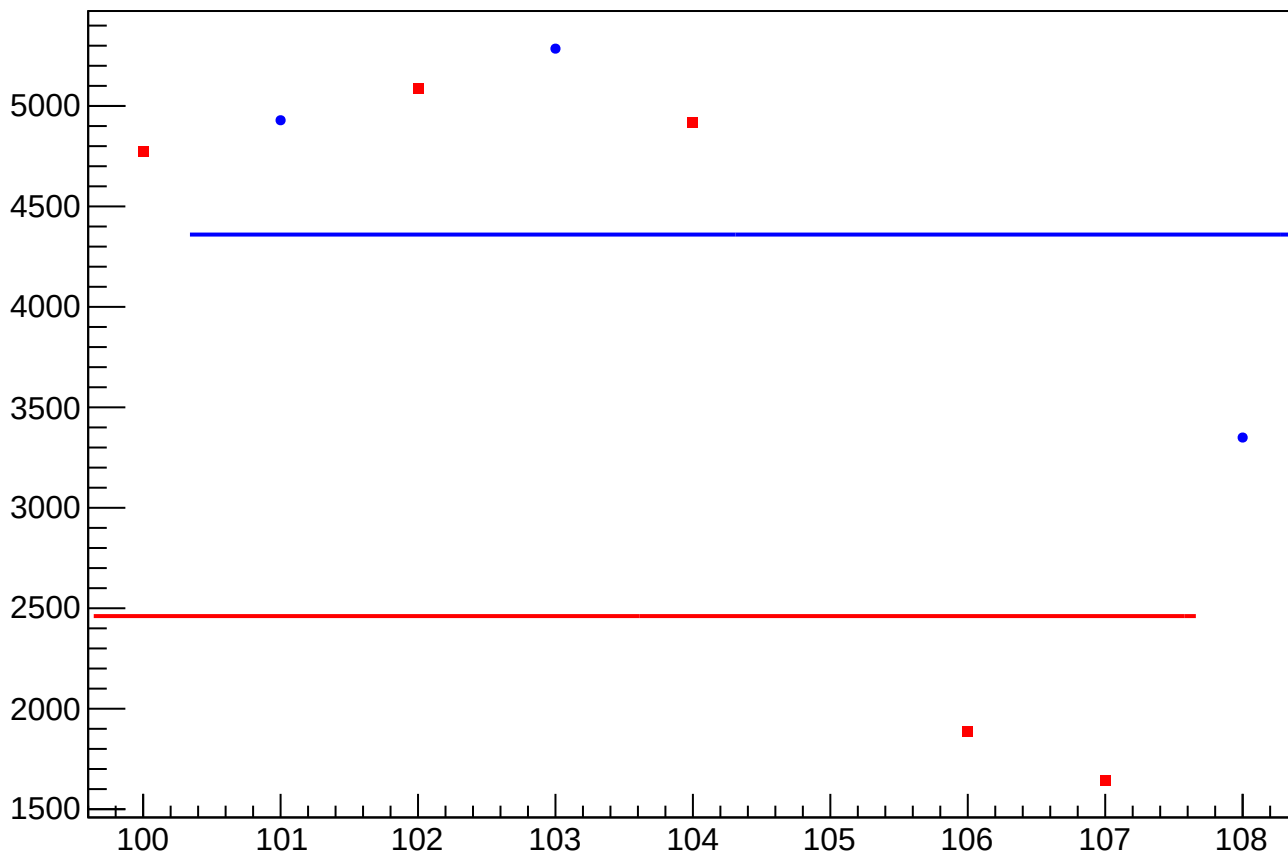
Right: -1560.622+/-1786.530 χ^2/NDF : 5.8/7

In: 2677.617+/-3460.028 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1560.622+/-1786.530 χ^2/NDF : 5.8/7

asym_atl_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 4359.942+/-2.447 χ^2/NDF : 125768.3/2

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

Right Out: 2461.045+/-1.475 χ^2/NDF : 814245.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

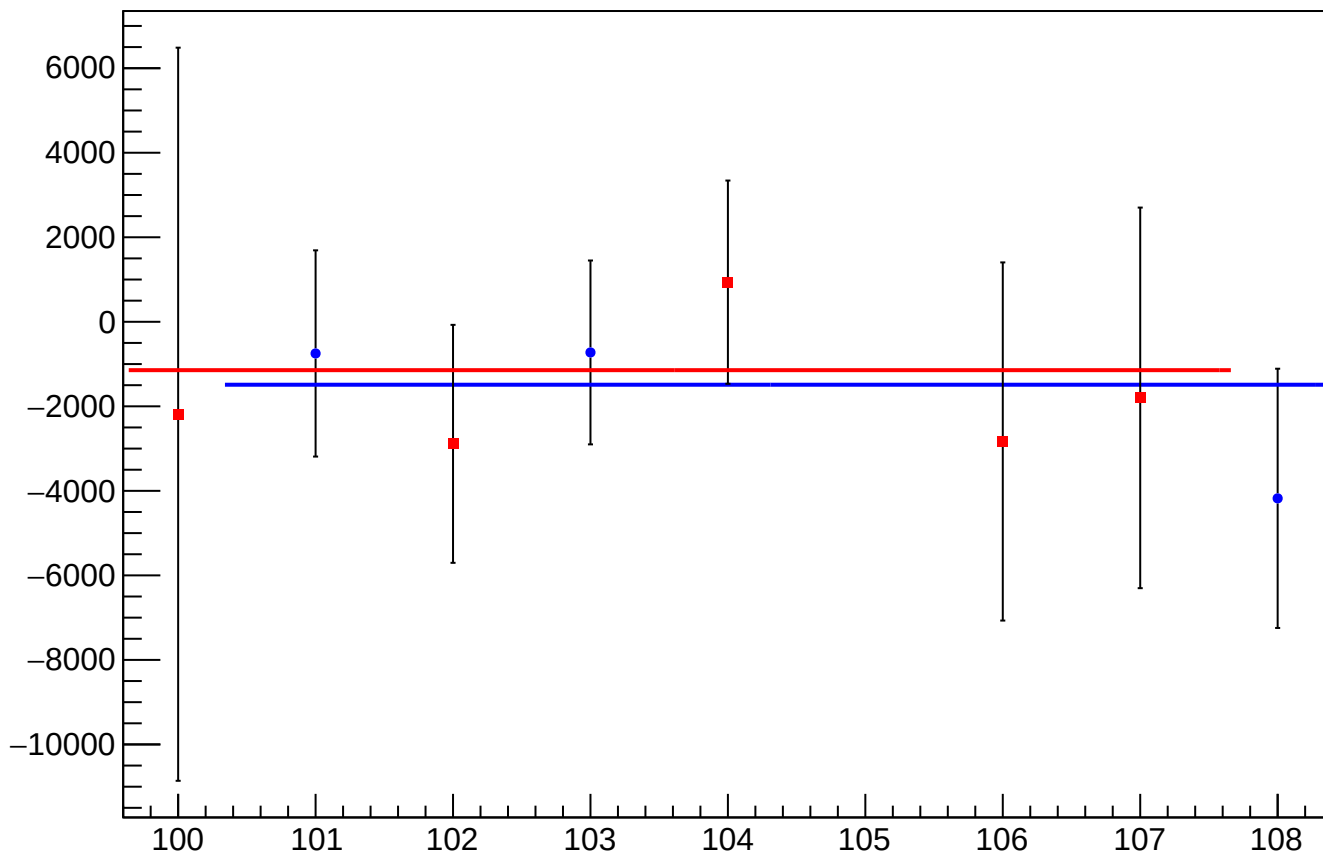
Right: 2967.293+/-1.263 χ^2/NDF : 1381801.6/7

In: 4359.942+/-2.447 χ^2/NDF : 125768.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2967.293+/-1.263 χ^2/NDF : 1381801.6/7

eigen_dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -1489.038+/-1435.025 χ^2/NDF : 1.0/2

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

Right Out: -1144.464+/-1547.725 χ^2/NDF : 1.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

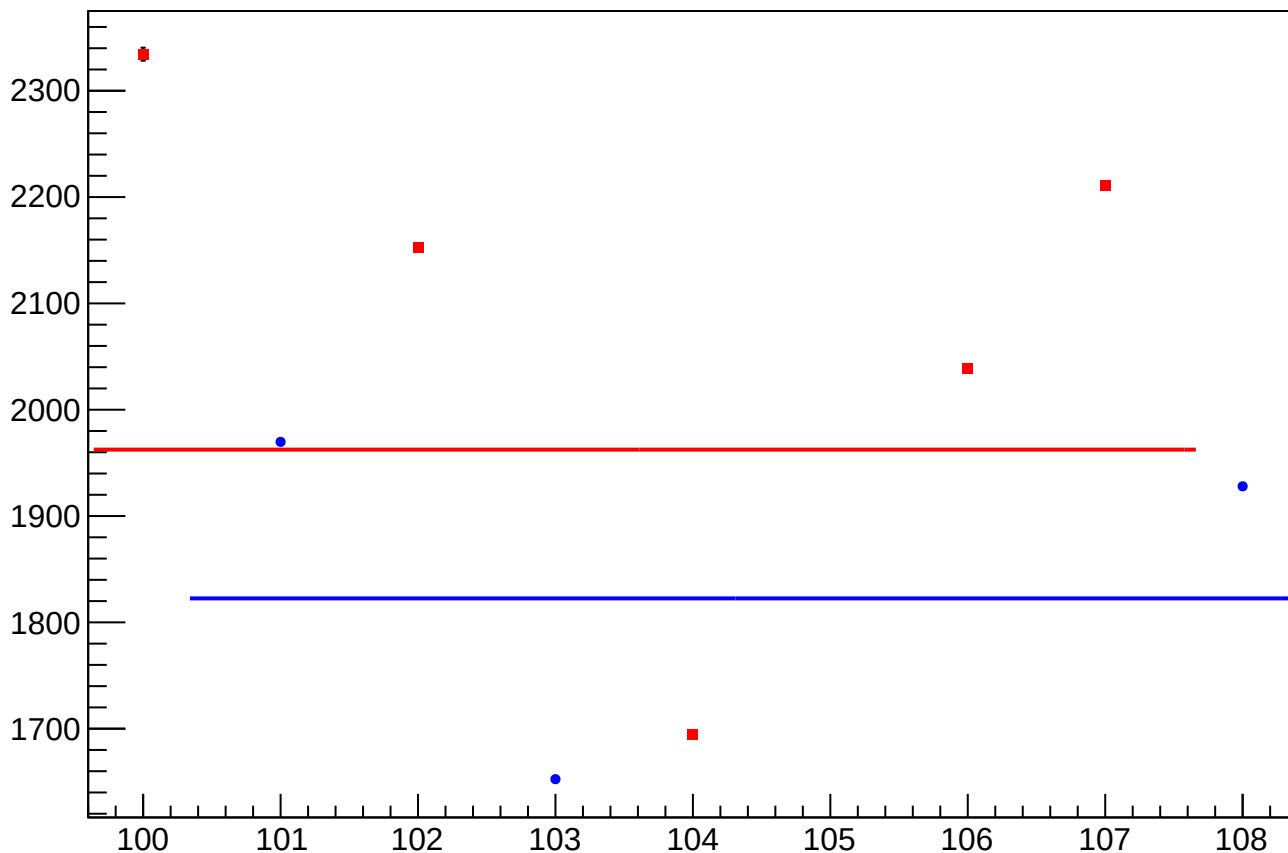
Right: -1329.752+/-1052.305 χ^2/NDF : 2.3/7

In: -1489.038+/-1435.025 χ^2/NDF : 1.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1329.752+/-1052.305 χ^2/NDF : 2.3/7

eigen_dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1822.544+/-1.015 χ^2/NDF : 21859.4/2

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

Right Out: 1962.463+/-1.080 χ^2/NDF : 44394.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

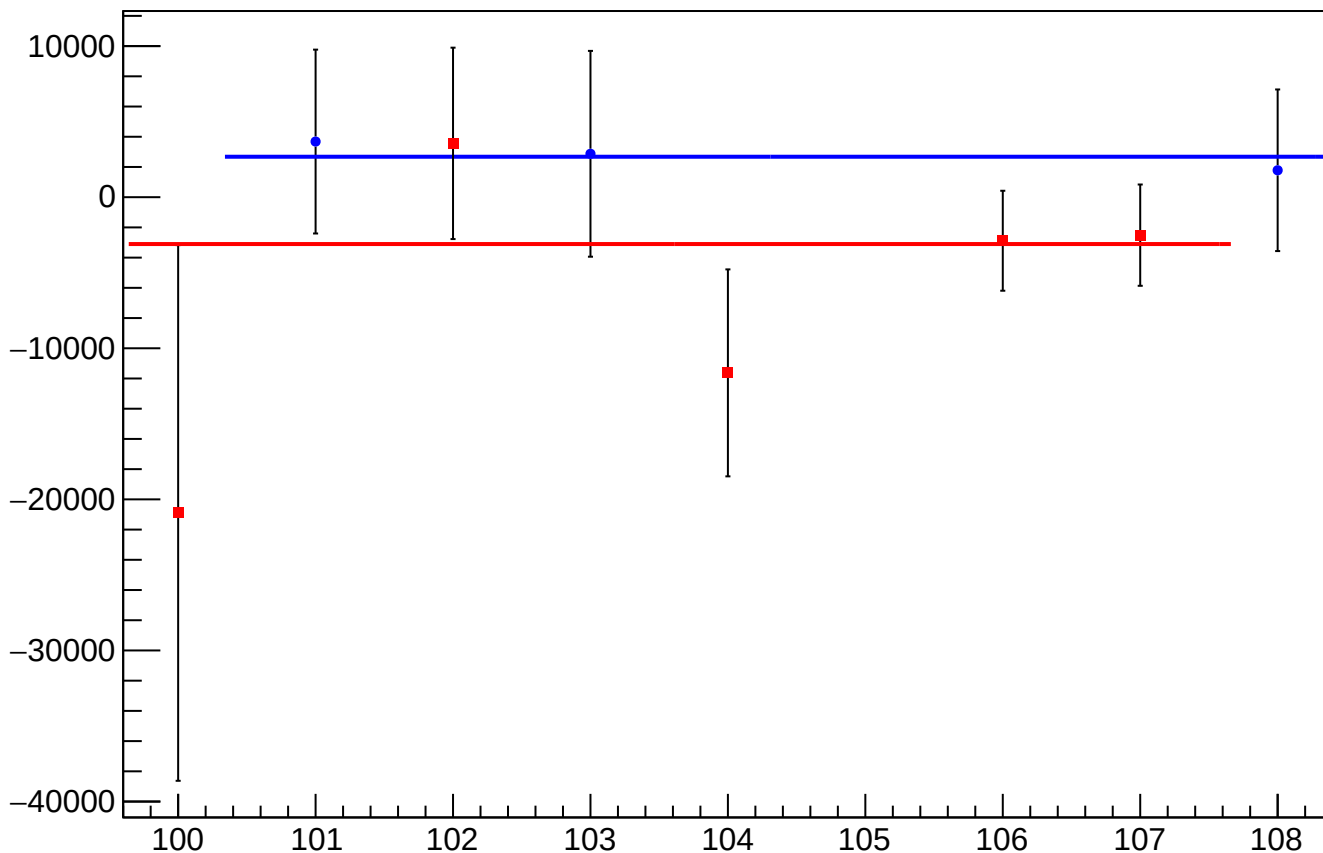
Right: 1888.143+/-0.740 χ^2/NDF : 75168.1/7

In: 1822.544+/-1.015 χ^2/NDF : 21859.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1888.143+/-0.740 χ^2/NDF : 75168.1/7

asym_atl_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 2677.608+/-3460.020 χ^2/NDF : 0.1/2

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

Right Out: -3101.274+/-2086.121 χ^2/NDF : 3.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

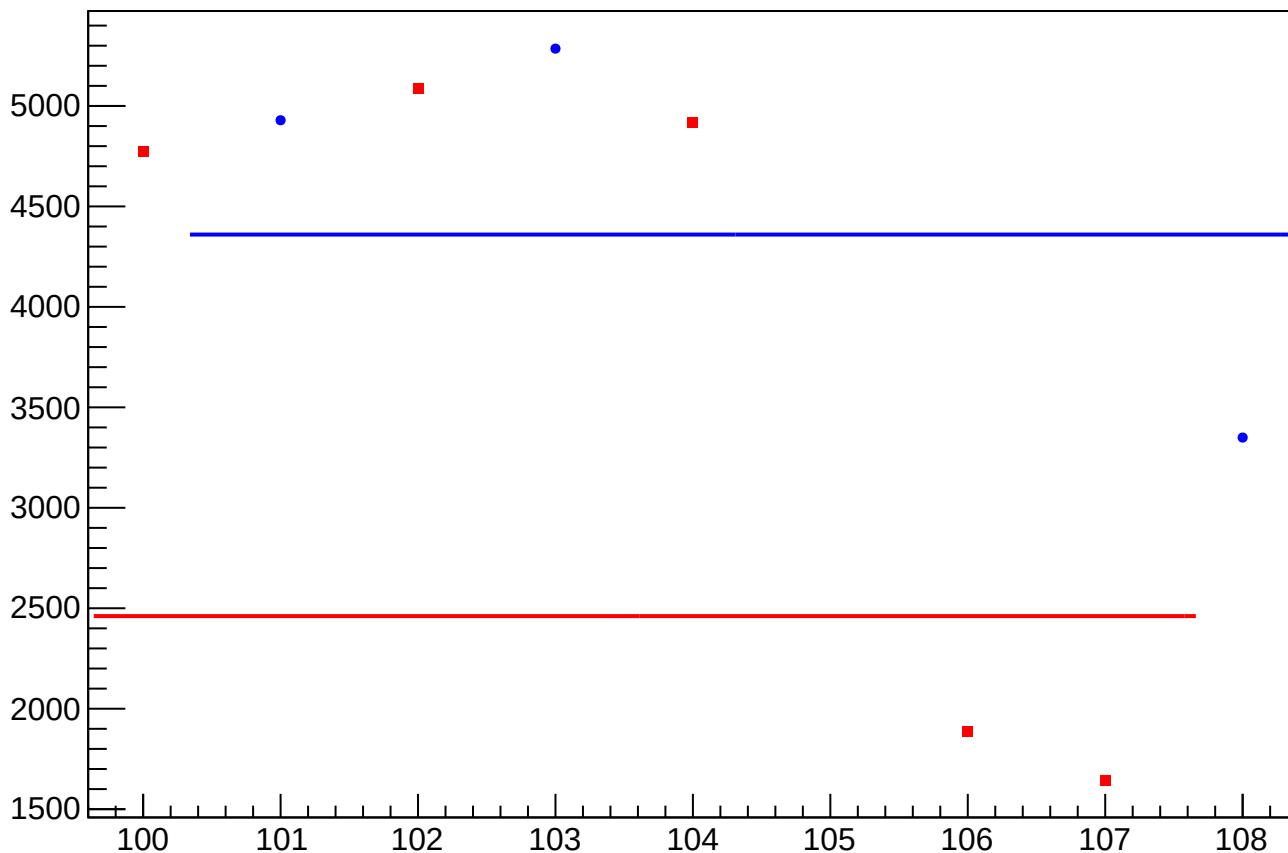
Right: -1560.618+/-1786.527 χ^2/NDF : 5.8/7

In: 2677.608+/-3460.020 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1560.618+/-1786.527 χ^2/NDF : 5.8/7

asym_atl_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4359.930+/-2.447 χ^2/NDF : 125771.4/2

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

Right Out: 2461.039+/-1.475 χ^2/NDF : 814249.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

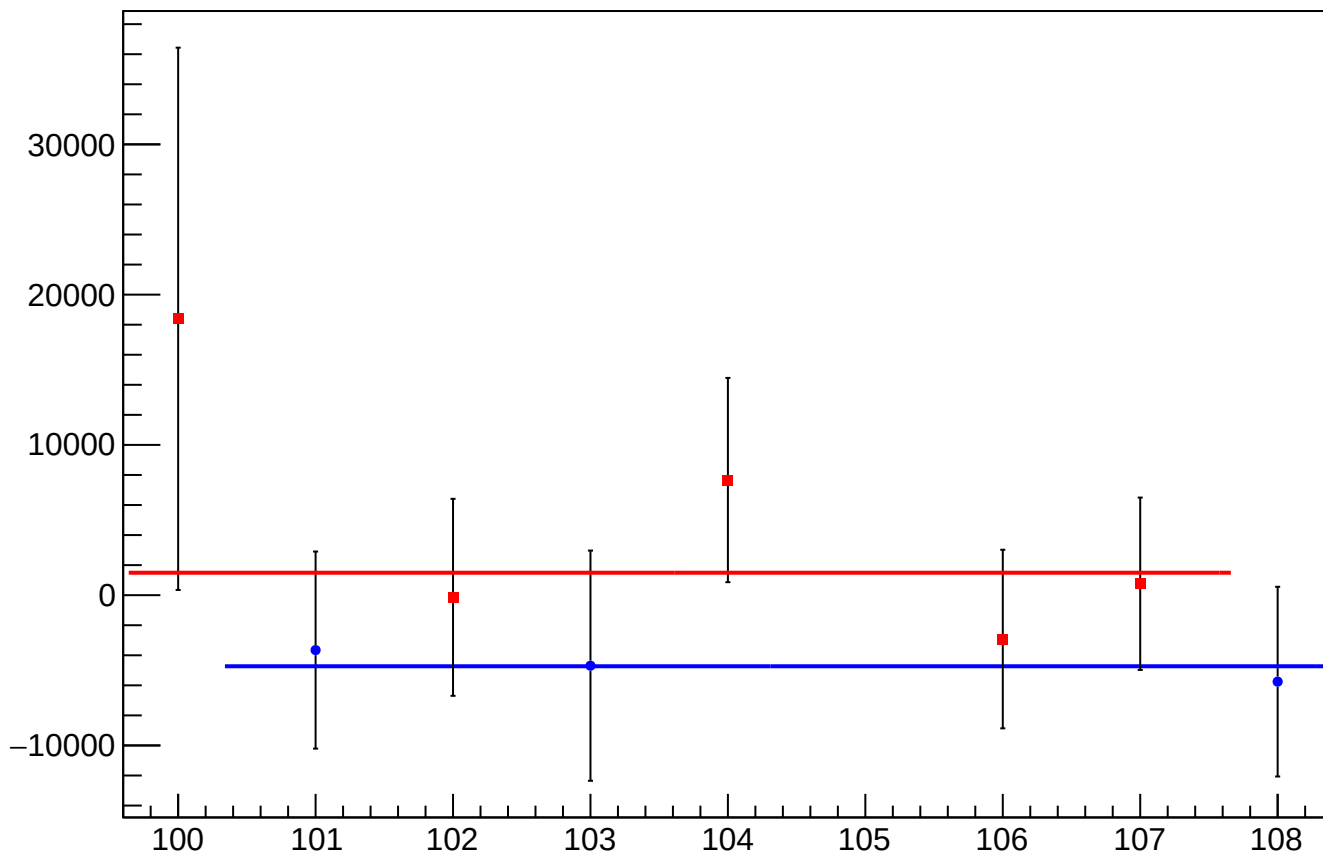
Right: 2967.286+/-1.263 χ^2/NDF : 1381808.1/7

In: 4359.930+/-2.447 χ^2/NDF : 125771.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2967.286+/-1.263 χ^2/NDF : 1381808.1/7

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -4730.369+/-3910.578 χ^2/NDF : 0.1/2

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

Right Out: 1494.310+/-3061.131 χ^2/NDF : 2.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

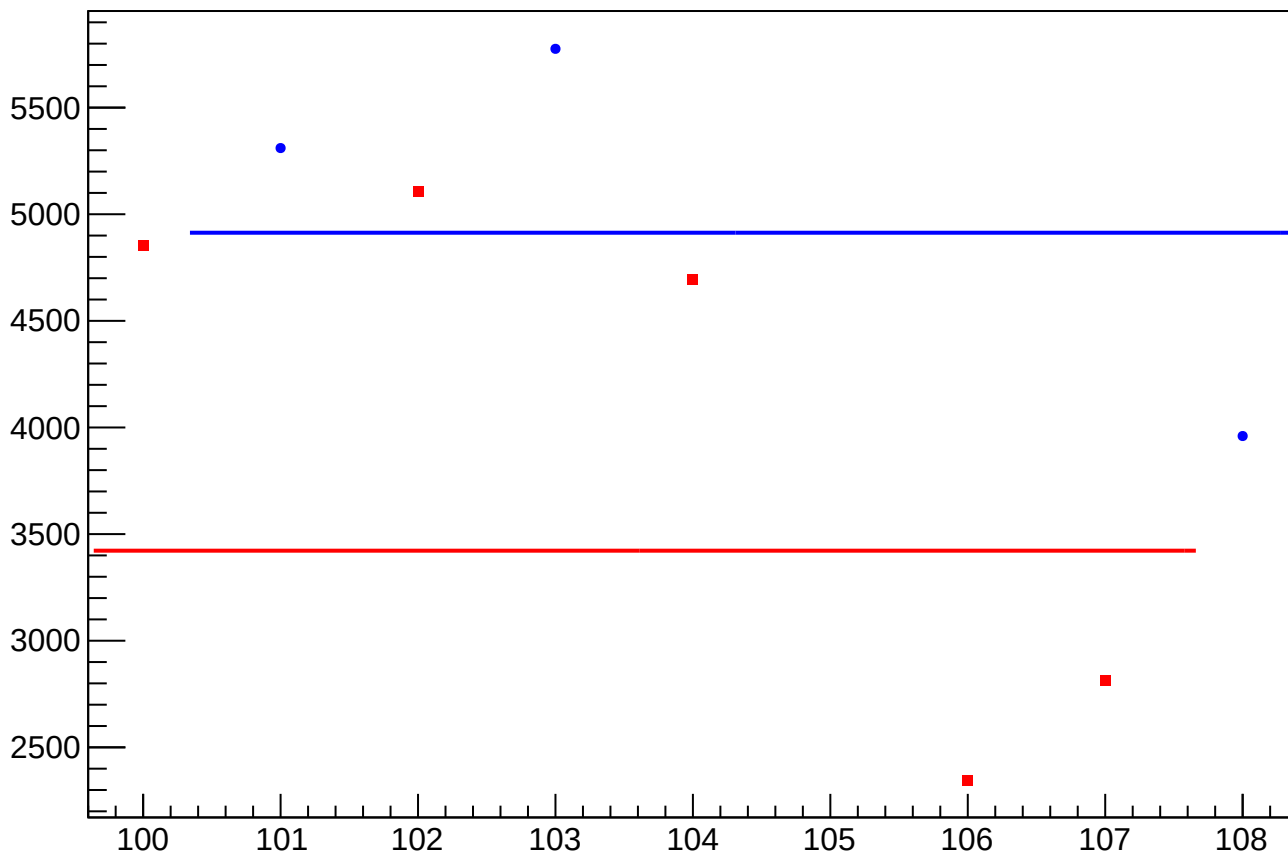
Right: -870.697+/-2410.453 χ^2/NDF : 4.0/7

In: -4730.369+/-3910.578 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -870.697+/-2410.453 χ^2/NDF : 4.0/7

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 4913.327+/-2.765 χ^2/NDF : 78310.6/2

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

Right Out: 3422.262+/-1.981 χ^2/NDF : 350742.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

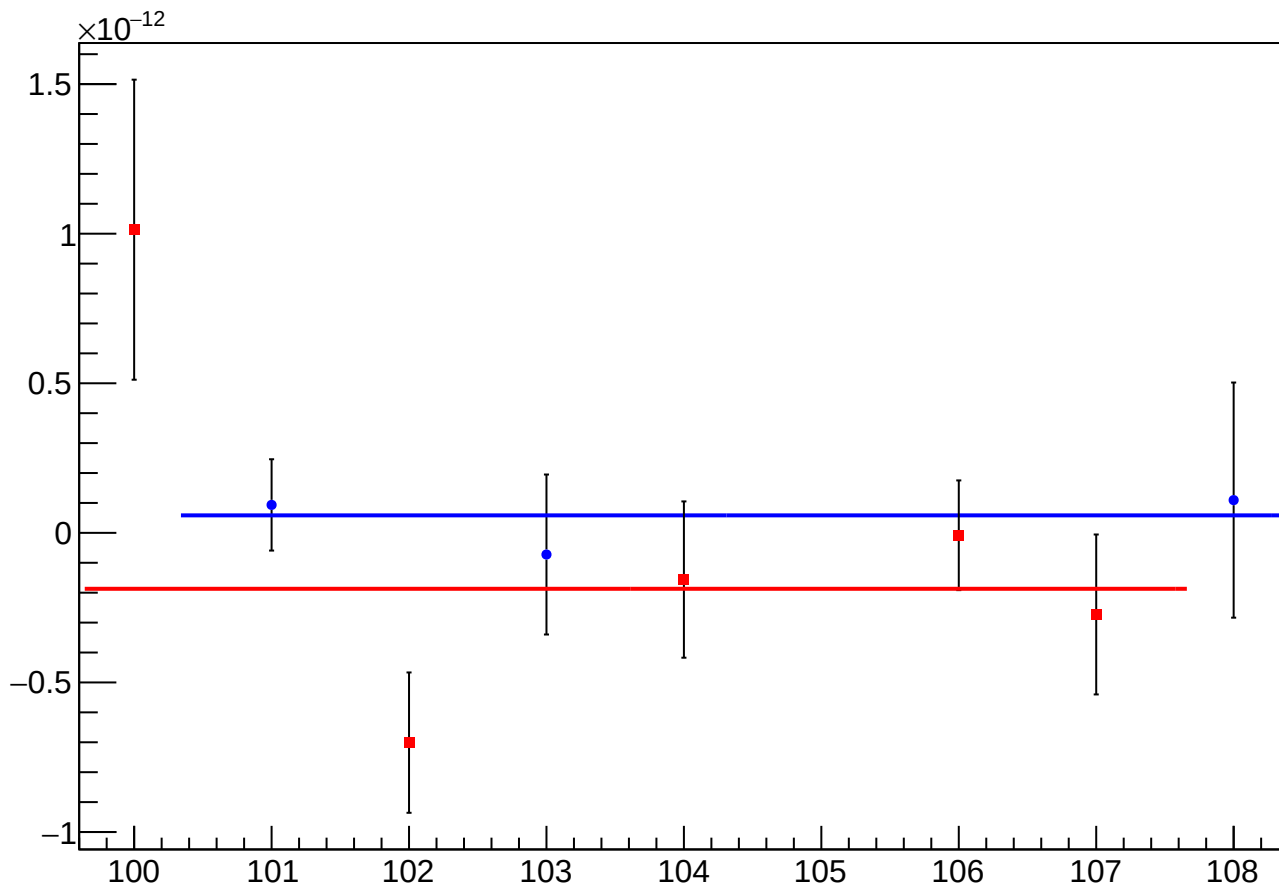
Right: 3927.967+/-1.610 χ^2/NDF : 621208.8/7

In: 4913.327+/-2.765 χ^2/NDF : 78310.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3927.967+/-1.610 χ^2/NDF : 621208.8/7

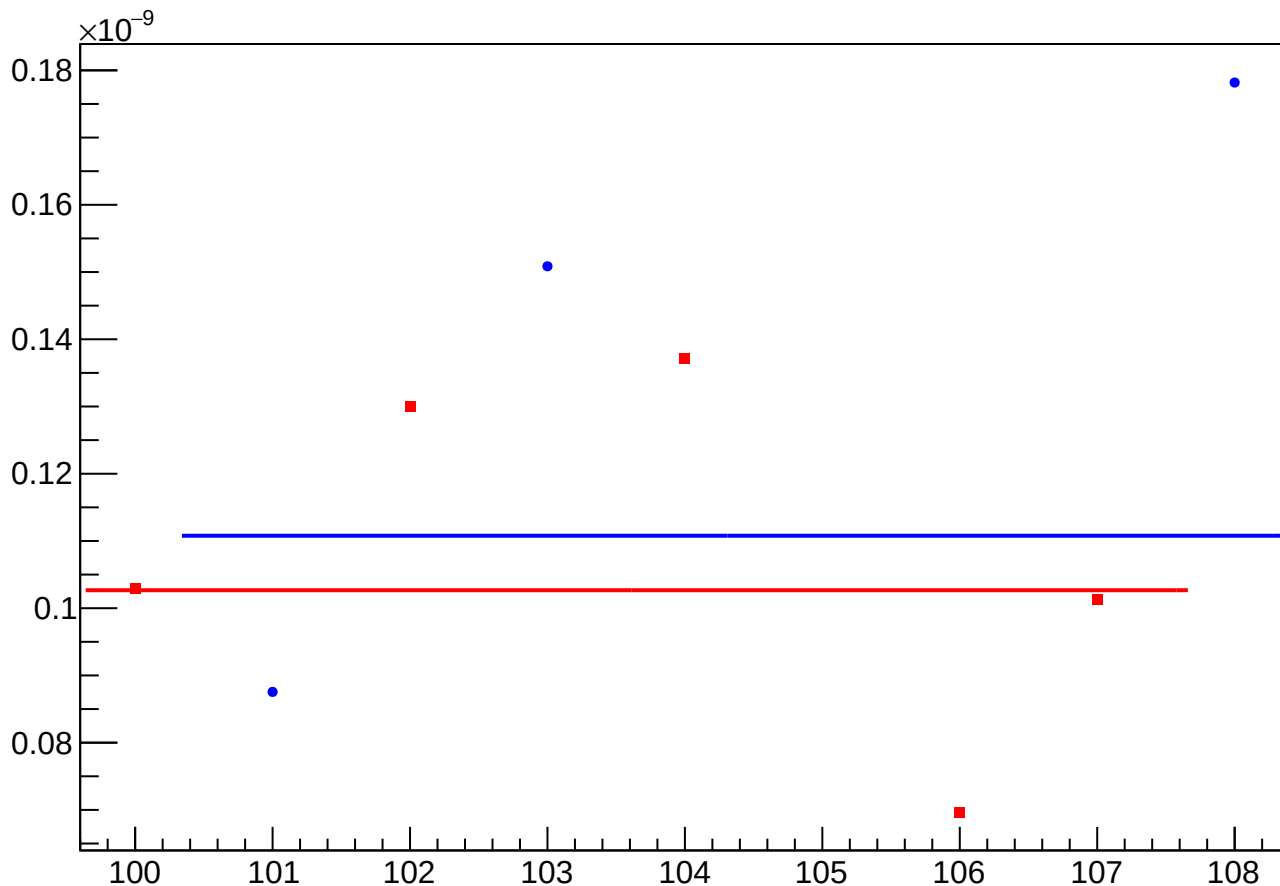
asym_atl_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.3/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 11.6/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 14.1/7
 In: 0.000+/-0.000 χ^2/NDF : 0.3/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 14.1/7

asym_atl_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 150085.2/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 127566.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

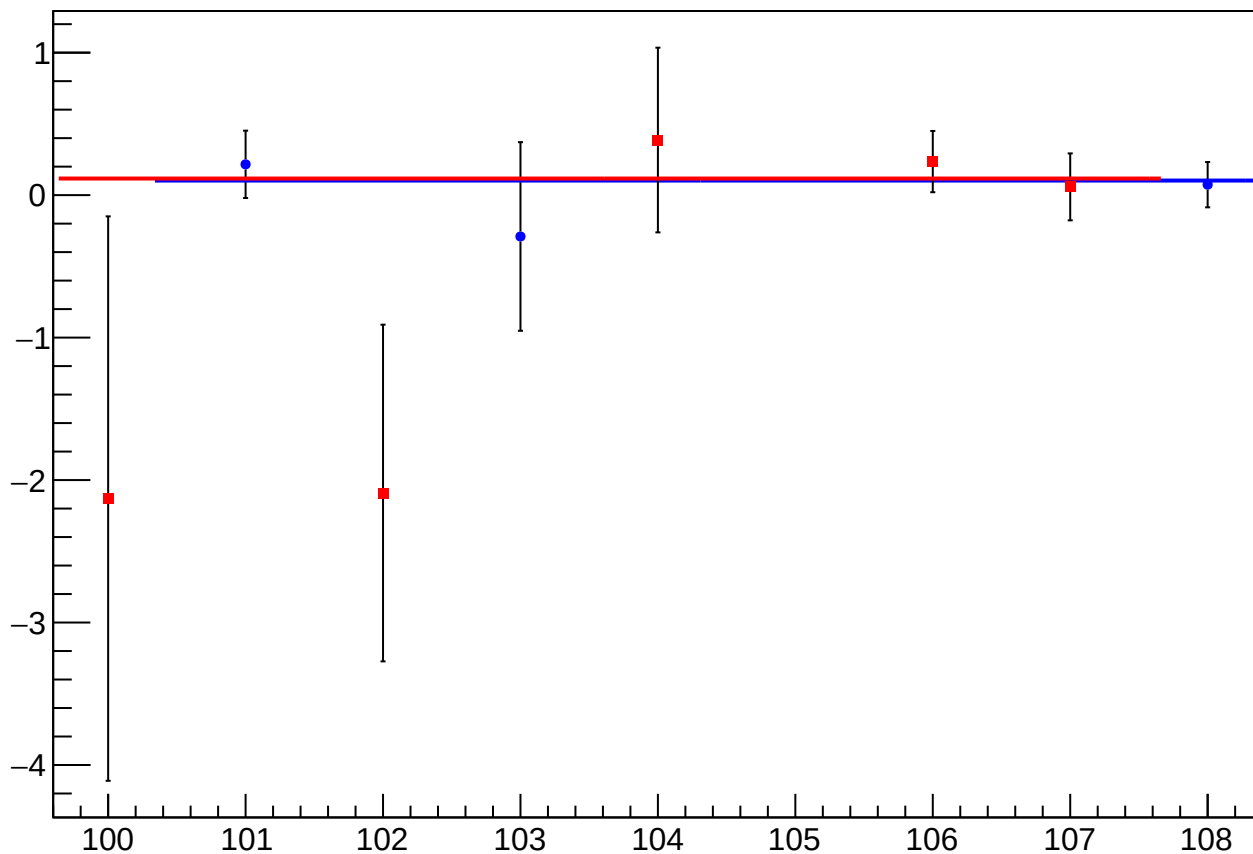
Right: 0.000+/-0.000 χ^2/NDF : 282309.3/7

In: 0.000+/-0.000 χ^2/NDF : 150085.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 282309.3/7

asym_atl_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.102 $\pm$ 0.129 χ^2 /NDF: 0.6/2

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

Right Out: 0.116 $\pm$ 0.152 χ^2 /NDF: 5.3/4

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

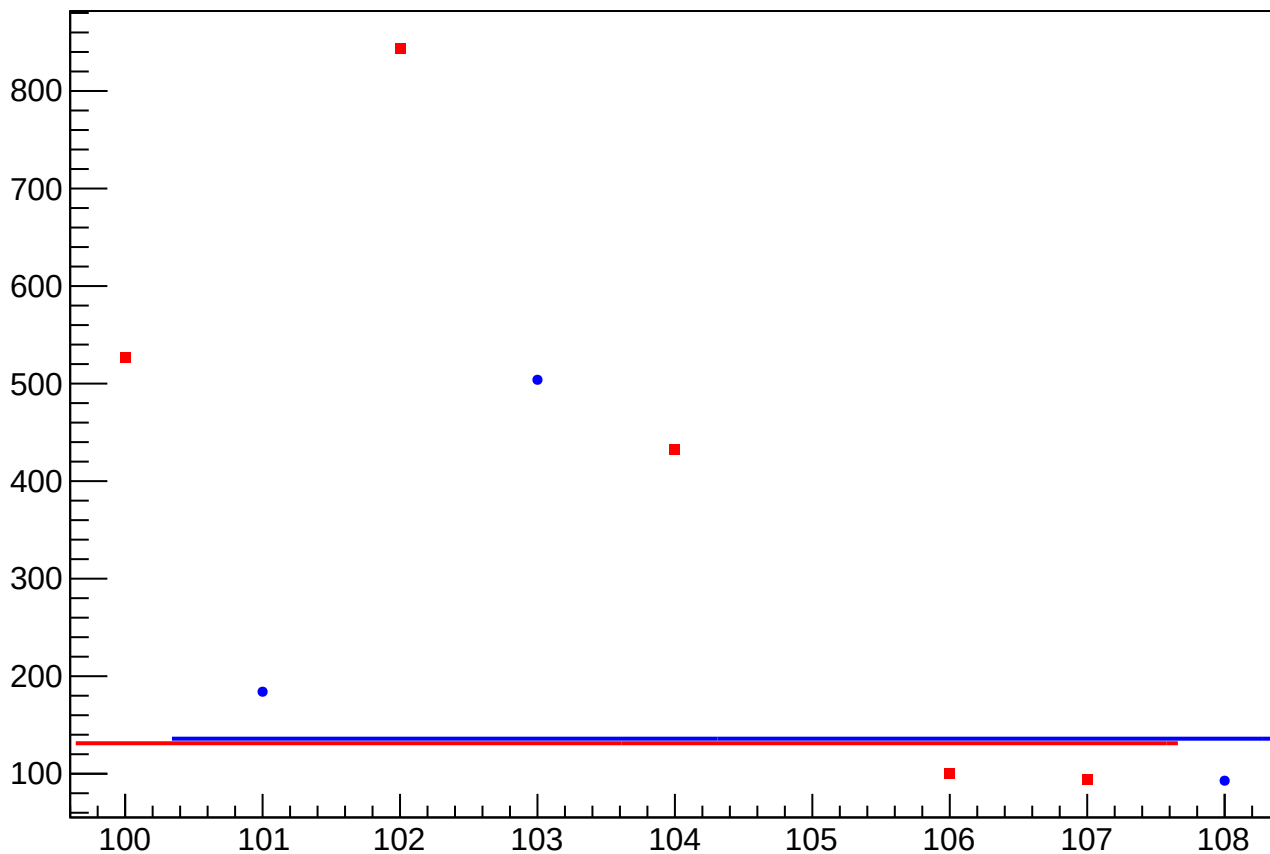
Right: 0.108 $\pm$ 0.099 χ^2 /NDF: 5.9/7

In: 0.102 $\pm$ 0.129 χ^2 /NDF: 0.6/2

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

All: 0.108 $\pm$ 0.099 χ^2 /NDF: 5.9/7

asym_atl_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 135.928 $\pm$ 0.091 χ^2 /NDF: 847651.1/2

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

Right Out: 131.262 $\pm$ 0.108 χ^2 /NDF: 1326512.8/4

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

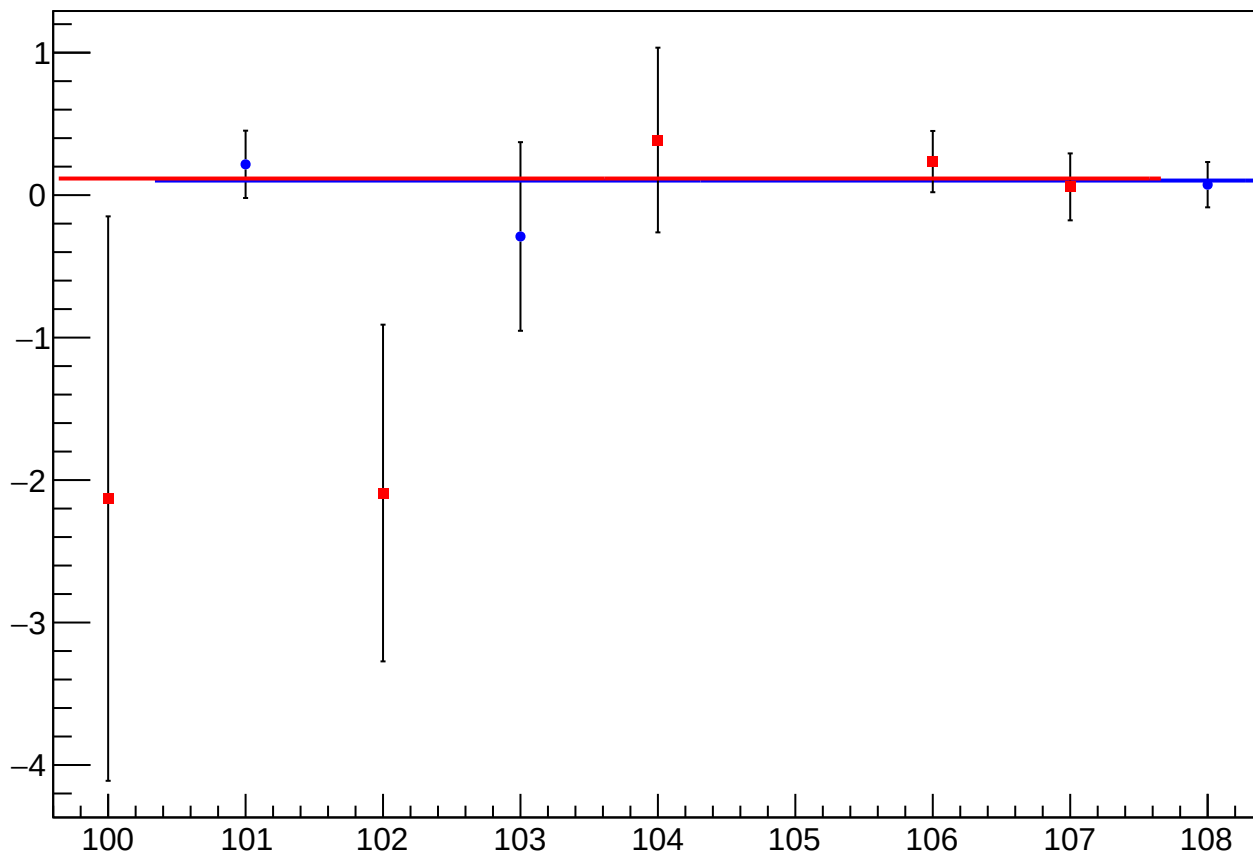
Right: 133.972 $\pm$ 0.070 χ^2 /NDF: 2175254.3/7

In: 135.928 $\pm$ 0.091 χ^2 /NDF:847651.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 133.972 $\pm$ 0.070 χ^2 /NDF: 2175254.3/7

asym_atl_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.102 $\pm$ 0.129 χ^2 /NDF: 0.6/2

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

Right Out: 0.116 $\pm$ 0.152 χ^2 /NDF: 5.3/4

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

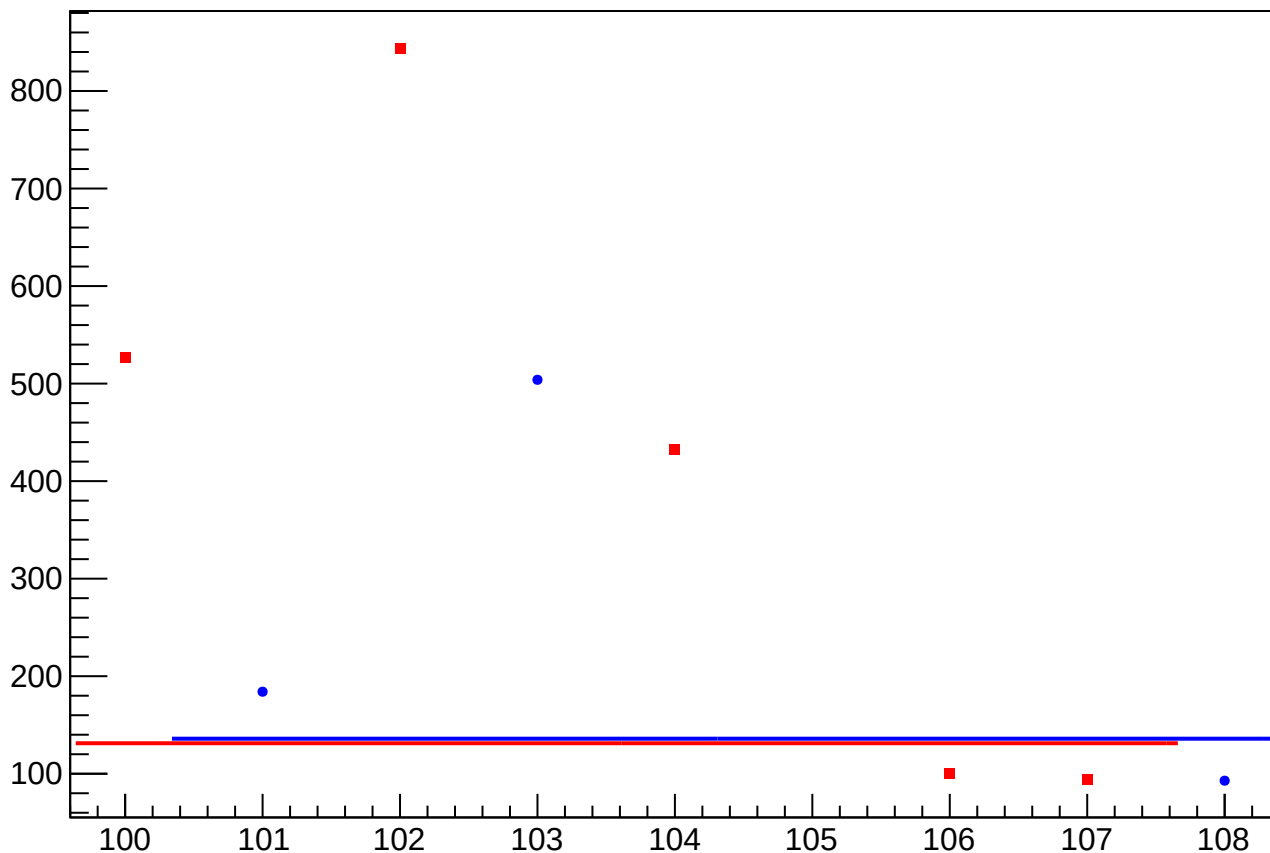
Right: 0.108 $\pm$ 0.099 χ^2 /NDF: 5.9/7

In: 0.102 $\pm$ 0.129 χ^2 /NDF: 0.6/2

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

All: 0.108 $\pm$ 0.099 χ^2 /NDF: 5.9/7

asym_atl_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 135.928+/-0.091 χ^2/NDF : 847651.1/2

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

Right Out: 131.262+/-0.108 χ^2/NDF : 1326512.8/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

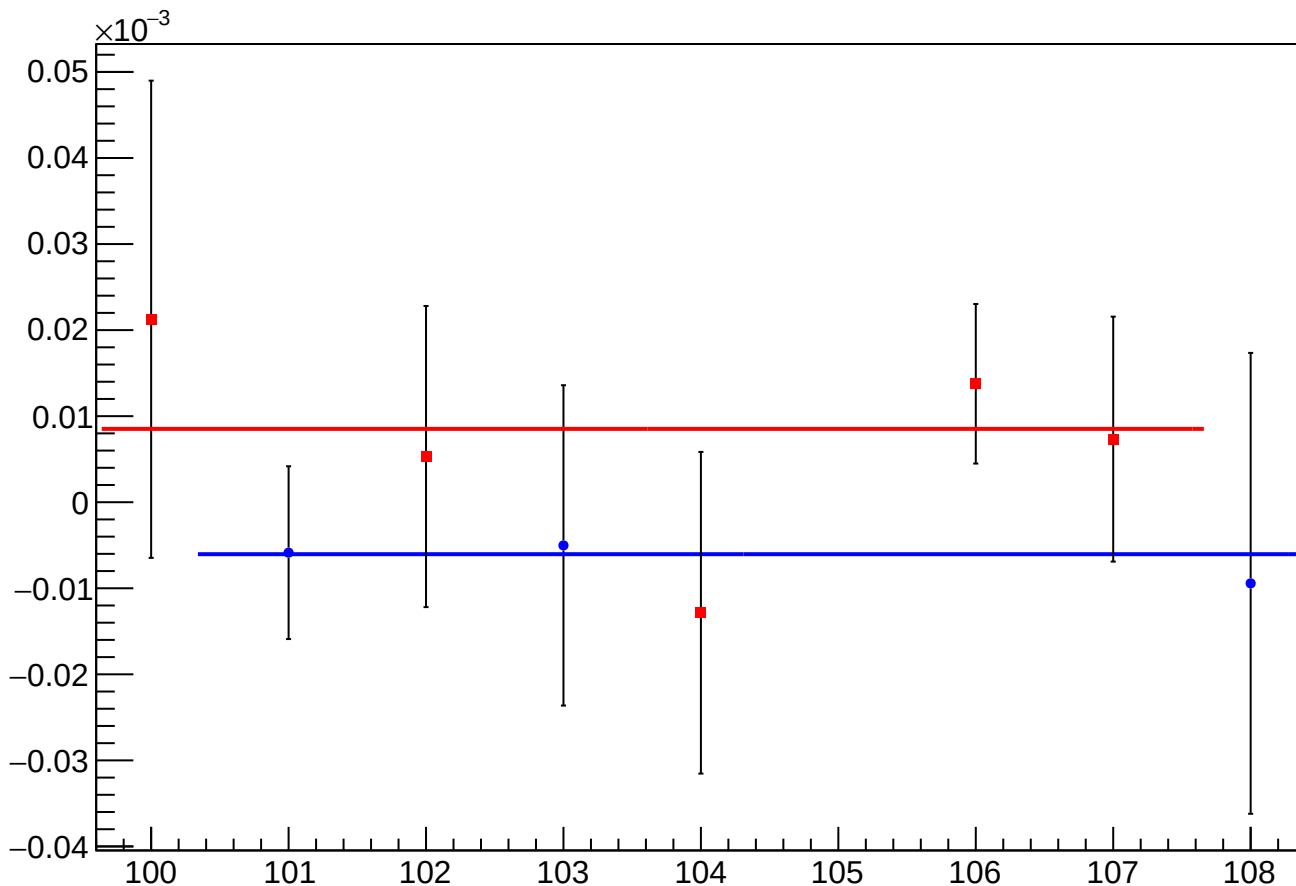
Right: 133.972+/-0.070 χ^2/NDF : 2175254.3/7

In: 135.928+/-0.091 χ^2/NDF :847651.1/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 133.972+/-0.070 χ^2/NDF : 2175254.3/7

asym_atl_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

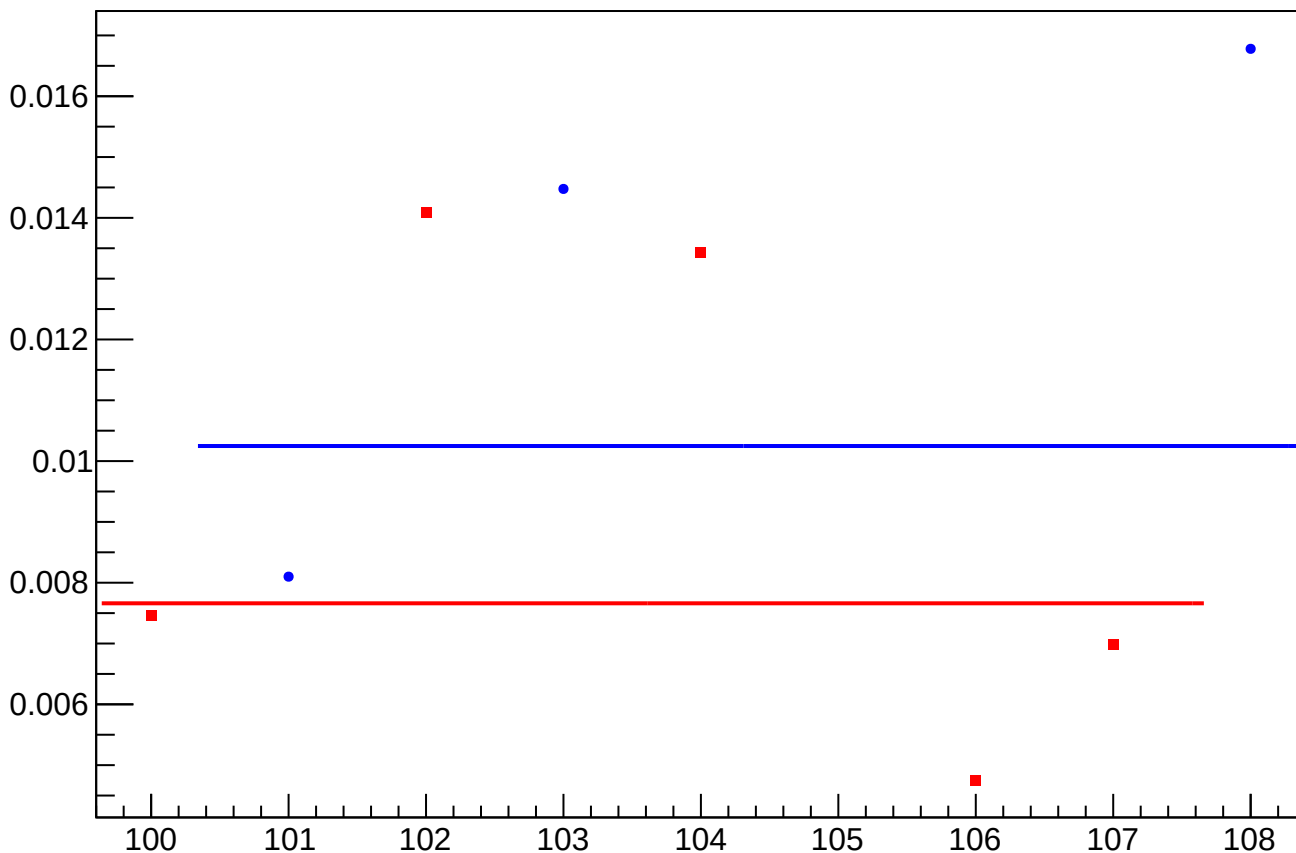
Right: 0.000+/-0.000 χ^2/NDF : 3.8/7

In: -0.000+/-0.000 χ^2/NDF : 0.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.8/7

asym_atl_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 313742.2/2

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

Right Out: 0.008+/-0.000 χ^2/NDF : 662652.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

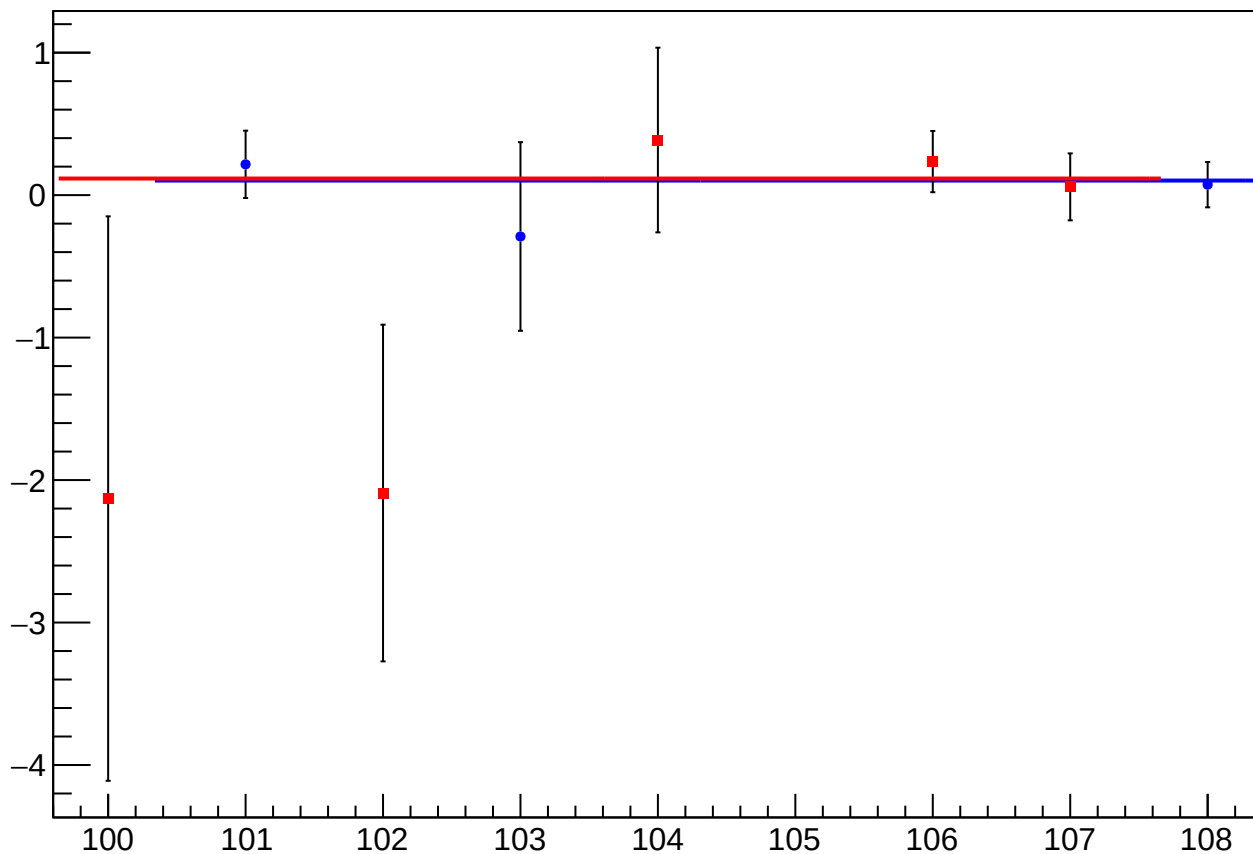
Right: 0.009+/-0.000 χ^2/NDF : 1095784.4/7

In: 0.010+/-0.000 χ^2/NDF : 313742.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 1095784.4/7

asym_atl_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.102 $\pm$ 0.129 χ^2 /NDF: 0.6/2

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

Right Out: 0.117 $\pm$ 0.152 χ^2 /NDF: 5.3/4

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

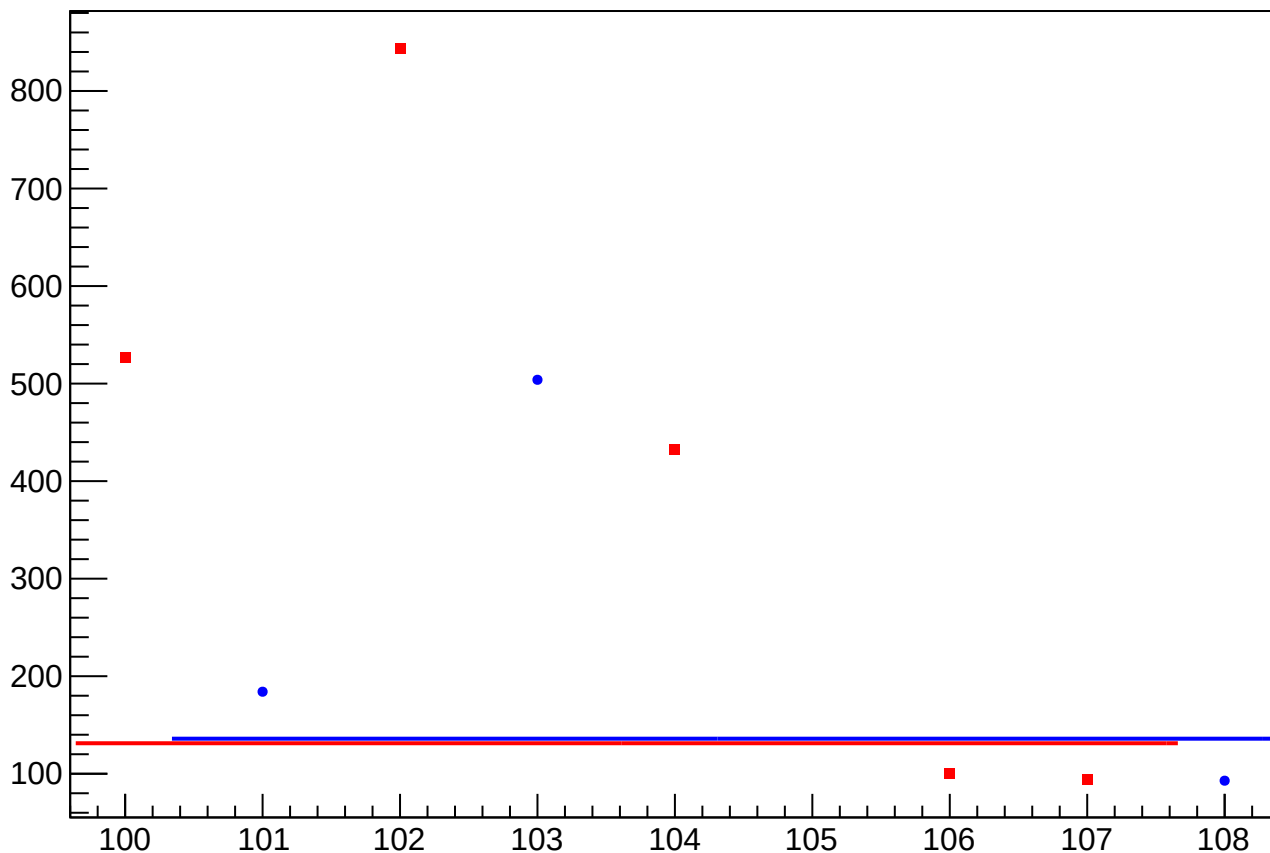
Right: 0.108 $\pm$ 0.099 χ^2 /NDF: 5.9/7

In: 0.102 $\pm$ 0.129 χ^2 /NDF: 0.6/2

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

All: 0.108 $\pm$ 0.099 χ^2 /NDF: 5.9/7

asym_atl_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 135.939+/-0.091 χ^2/NDF : 847552.0/2

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

Right Out: 131.269+/-0.108 χ^2/NDF : 1326467.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

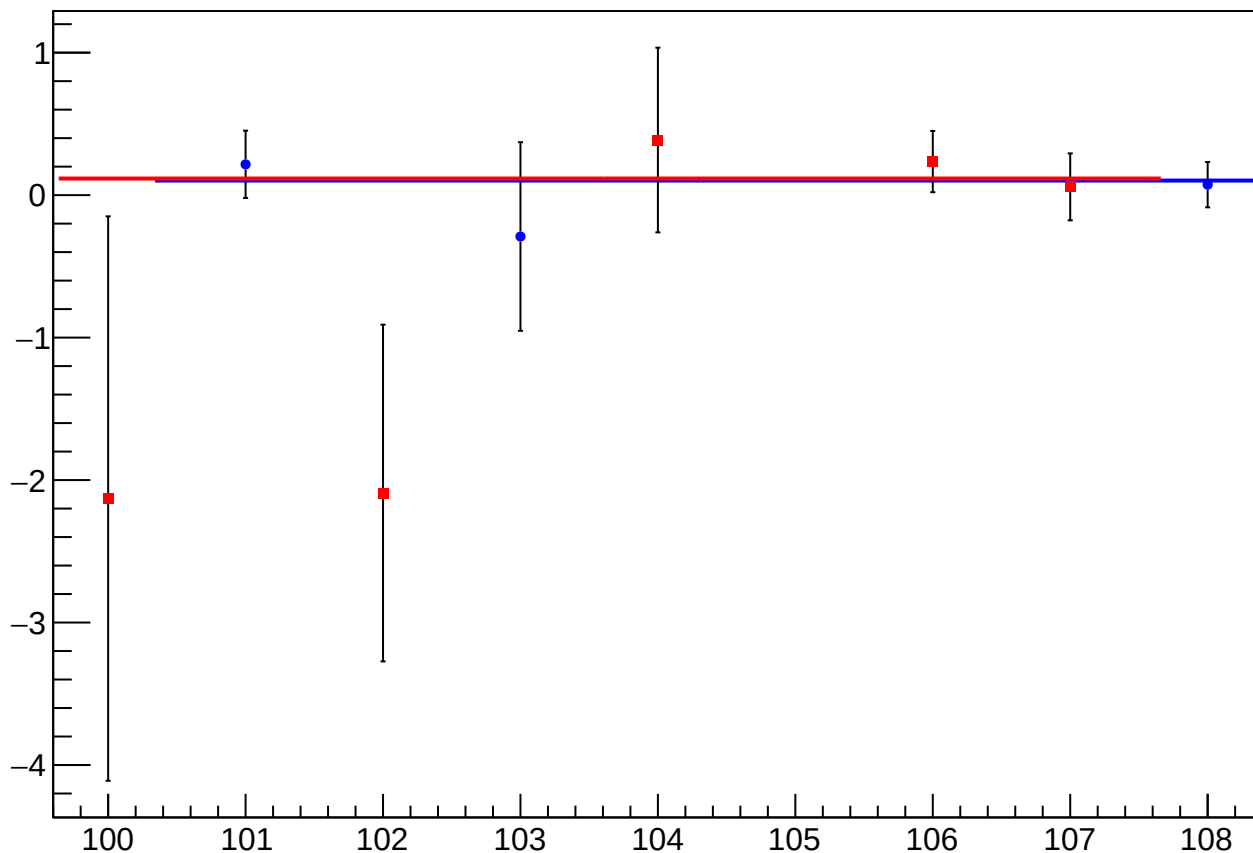
Right: 133.981+/-0.070 χ^2/NDF : 2175111.9/7

In: 135.939+/-0.091 χ^2/NDF : 847552.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.981+/-0.070 χ^2/NDF : 2175111.9/7

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.102 $\pm$ 0.129 χ^2 /NDF: 0.6/2

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

Right Out: 0.117 $\pm$ 0.152 χ^2 /NDF: 5.3/4

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

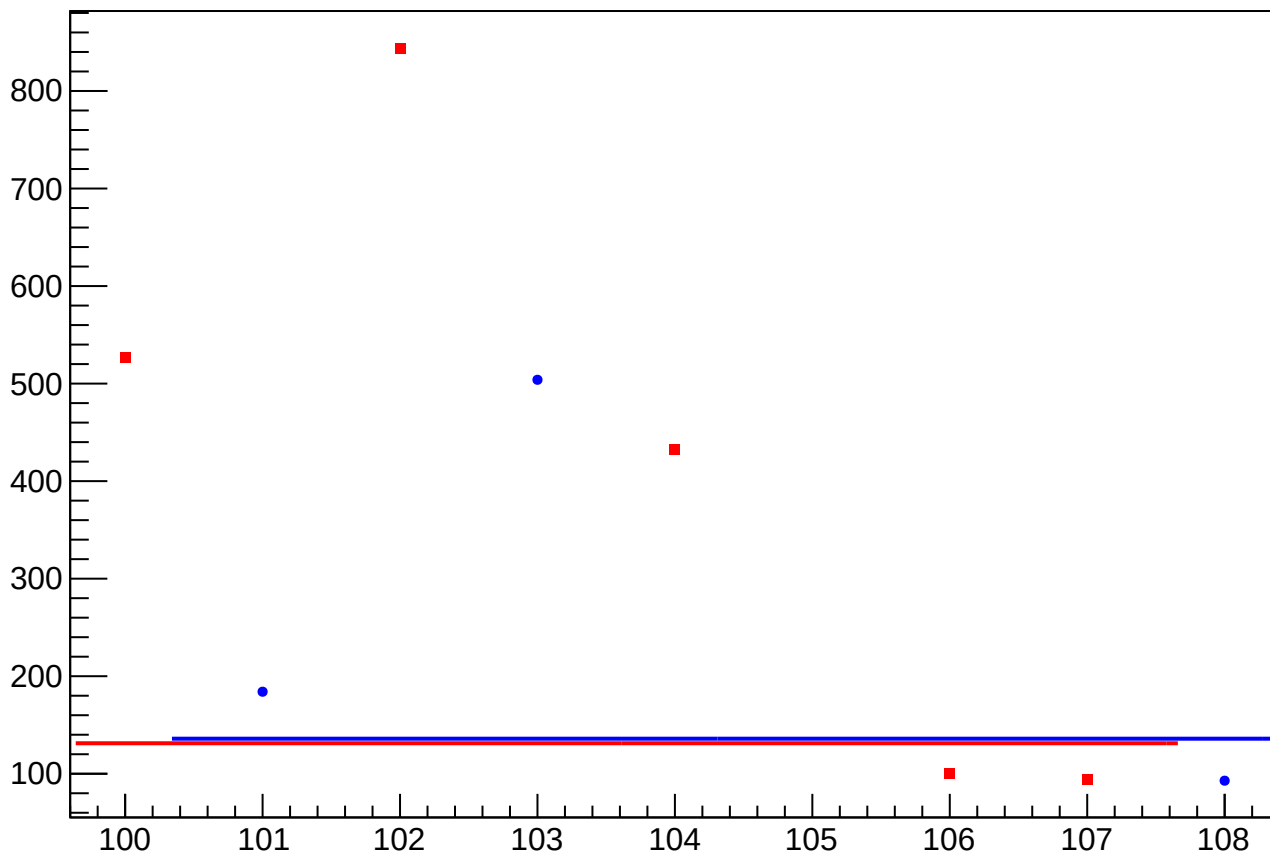
Right: 0.108 $\pm$ 0.099 χ^2 /NDF: 5.9/7

In: 0.102 $\pm$ 0.129 χ^2 /NDF: 0.6/2

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

All: 0.108 $\pm$ 0.099 χ^2 /NDF: 5.9/7

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 135.939+/-0.091 χ^2/NDF : 847552.0/2

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

Right Out: 131.269+/-0.108 χ^2/NDF : 1326467.8/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

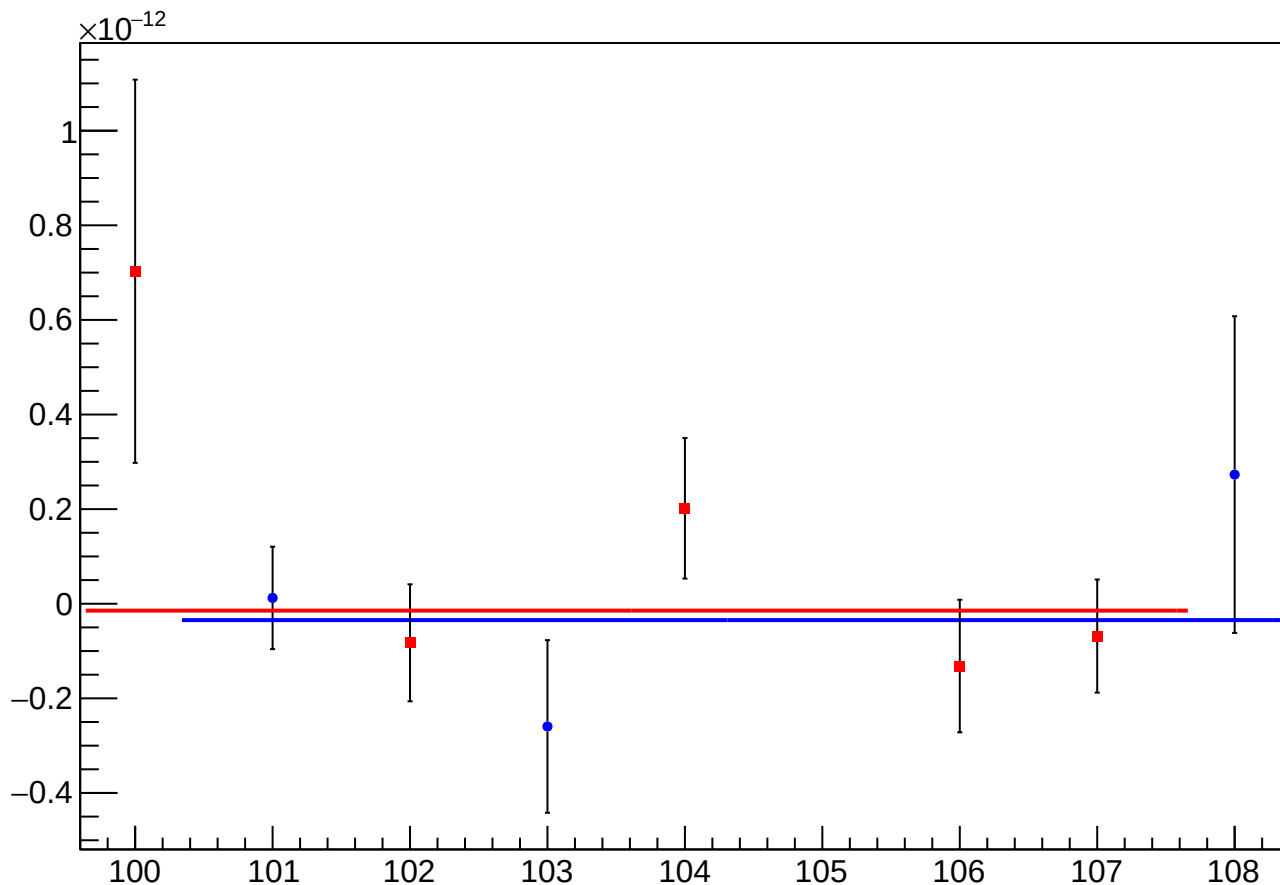
Right: 133.981+/-0.070 χ^2/NDF : 2175111.9/7

In: 135.939+/-0.091 χ^2/NDF :847552.0/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 133.981+/-0.070 χ^2/NDF : 2175111.9/7

asym_atl_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.6/2

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.5/4

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

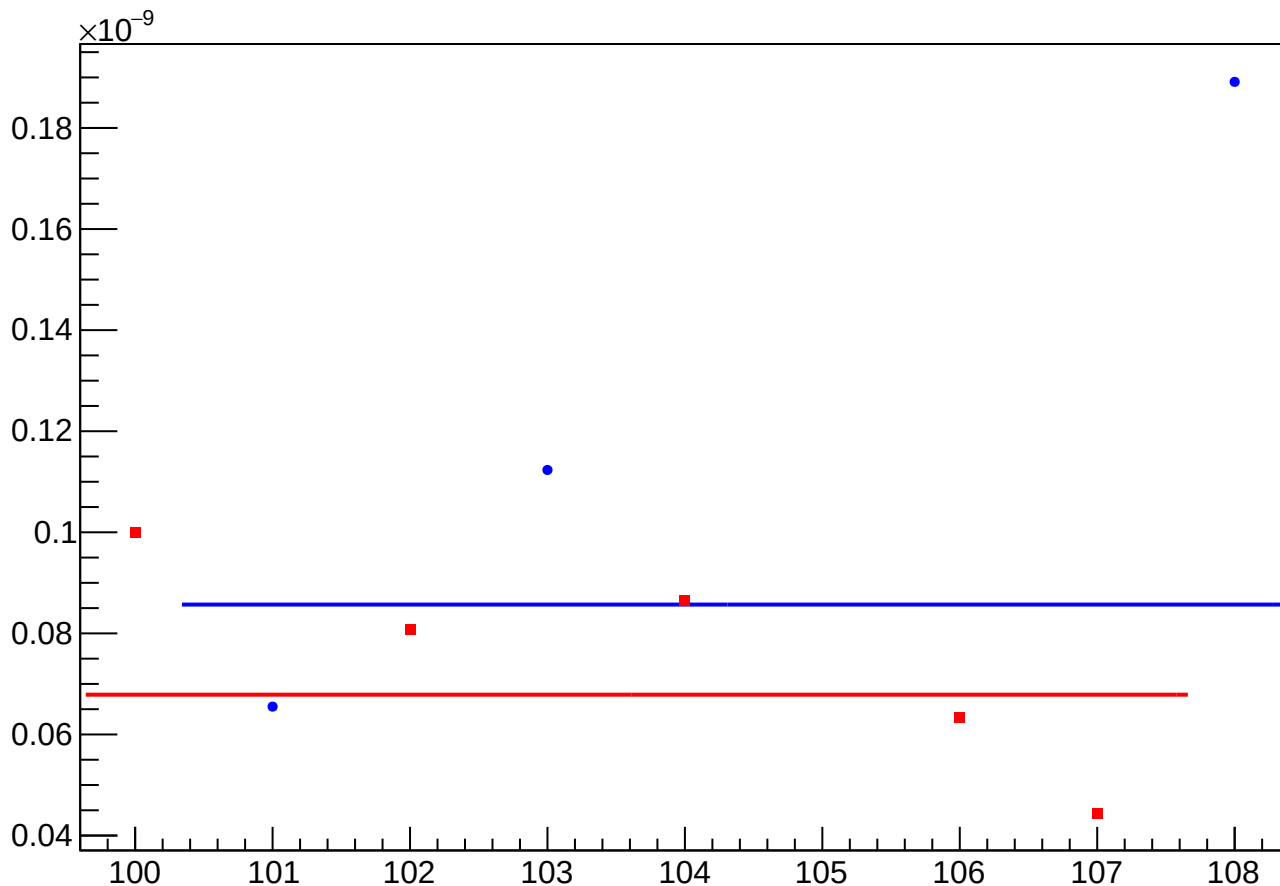
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.0/7

In: -0.000 $\pm$ 0.000 χ^2 /NDF:2.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.0/7

asym_atl_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 303099.2/2

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

Right Out: 0.000+/-0.000 χ^2/NDF : 144628.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

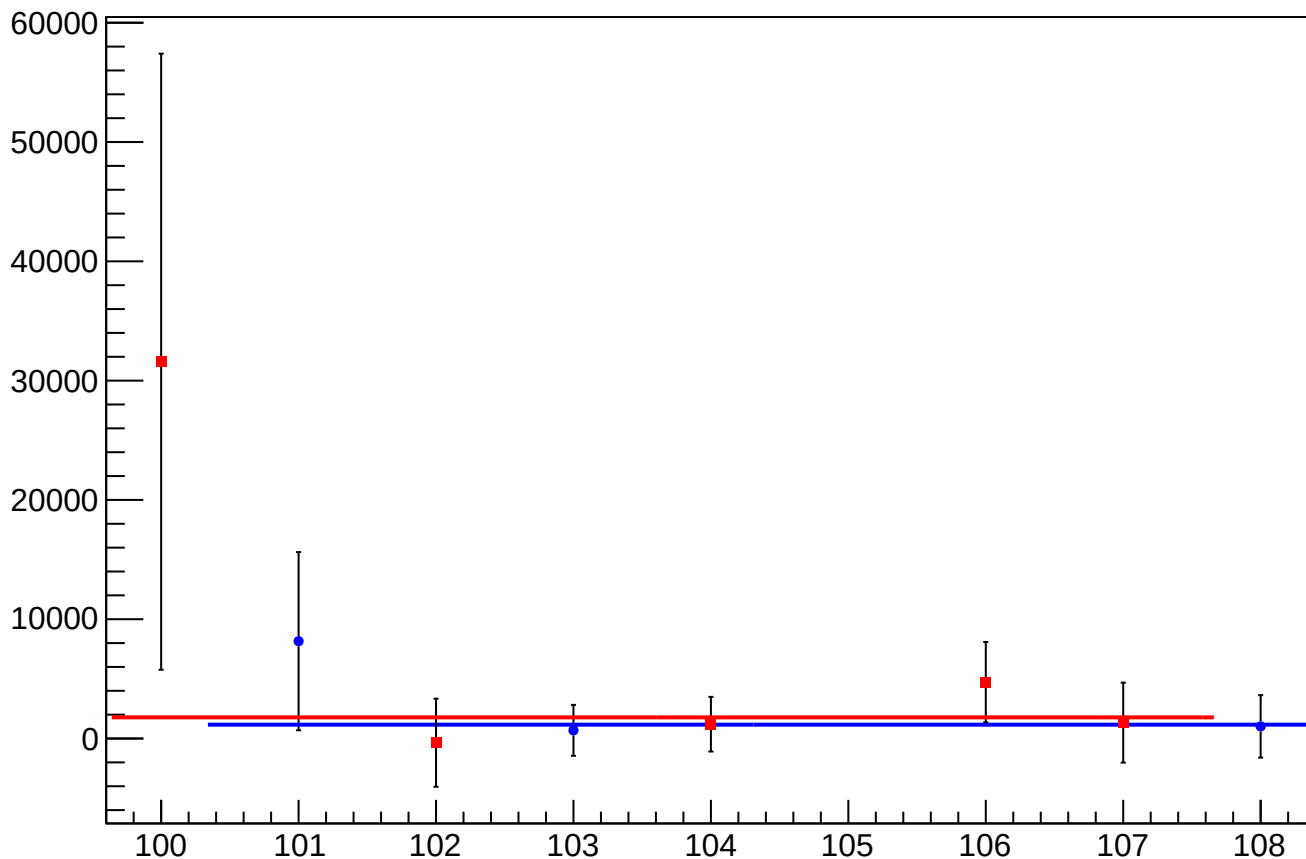
Right: 0.000+/-0.000 χ^2/NDF : 499592.7/7

In: 0.000+/-0.000 χ^2/NDF : 303099.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 499592.7/7

reg_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 1160.312+/-1615.490 χ^2/NDF : 0.9/2

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

Right Out: 1772.804+/-1503.414 χ^2/NDF : 2.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

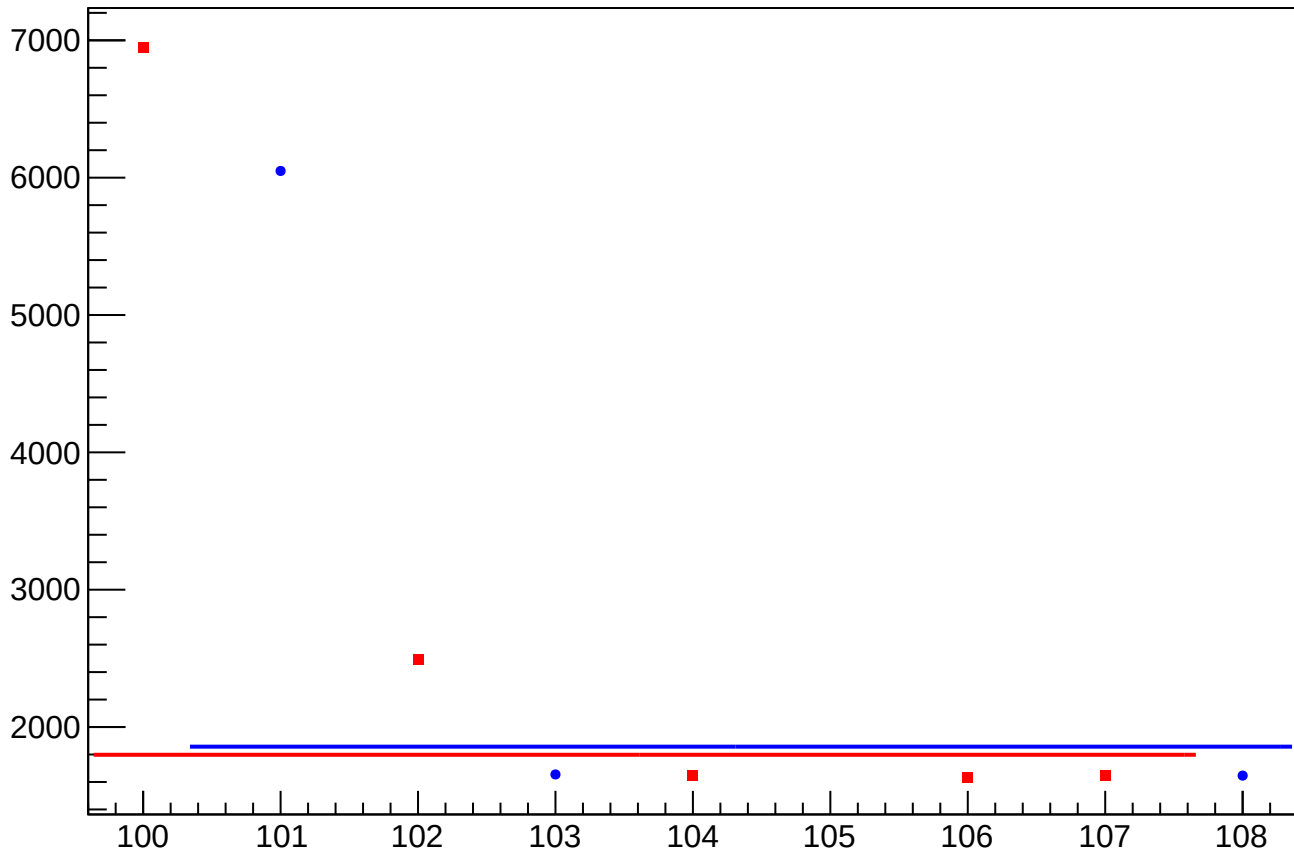
Right: 1488.539+/-1100.565 χ^2/NDF : 3.5/7

In: 1160.312+/-1615.490 χ^2/NDF : 0.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1488.539+/-1100.565 χ^2/NDF : 3.5/7

reg_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1857.157+/-1.142 χ^2/NDF : 660926.7/2

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

Right Out: 1798.053+/-1.047 χ^2/NDF : 167851.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

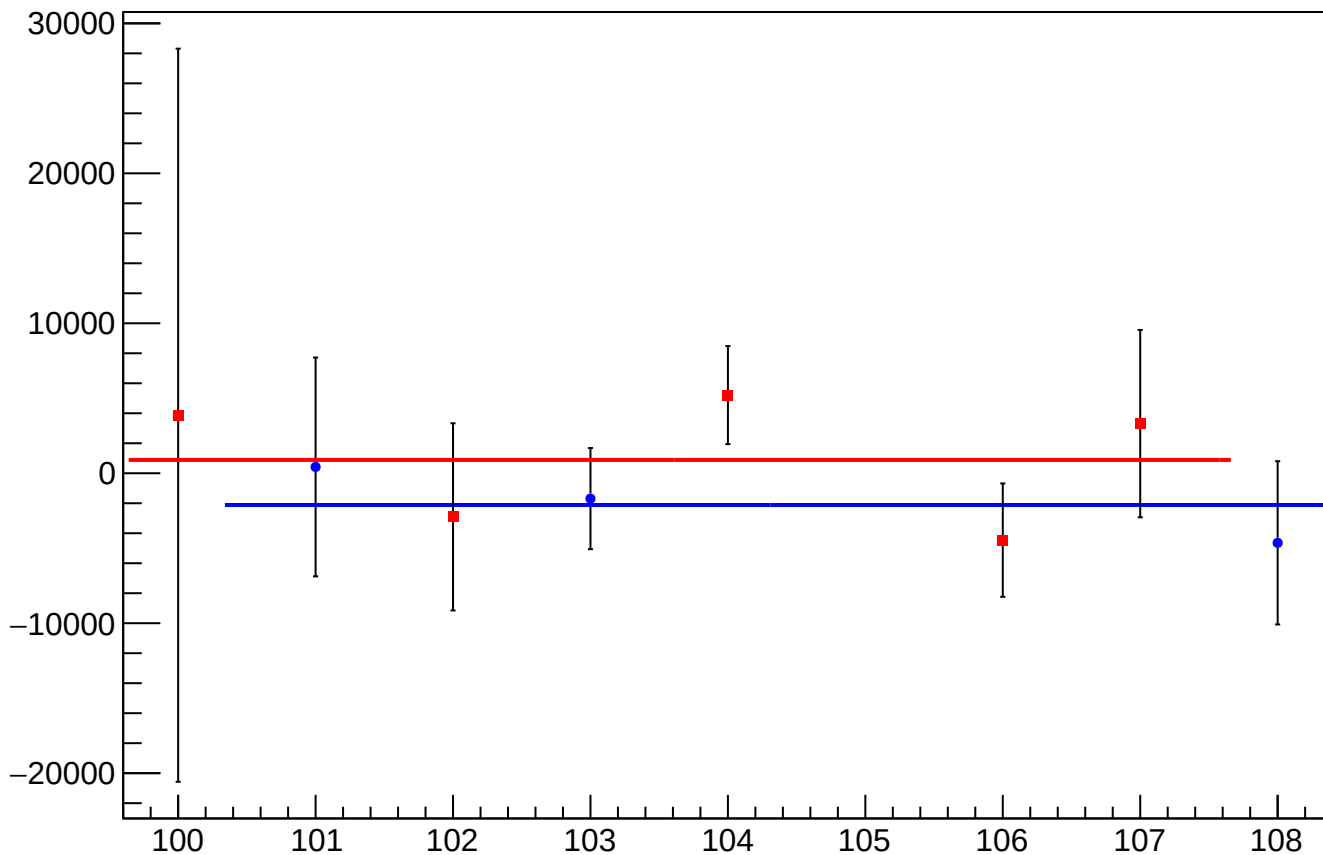
Right: 1825.034+/-0.772 χ^2/NDF : 830233.4/7

In: 1857.157+/-1.142 χ^2/NDF : 660926.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1825.034+/-0.772 χ^2/NDF : 830233.4/7

asym_atr_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -2116.448+/-2668.420 χ^2/NDF : 0.4/2

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

Right Out: 889.321+/-2149.379 χ^2/NDF : 4.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

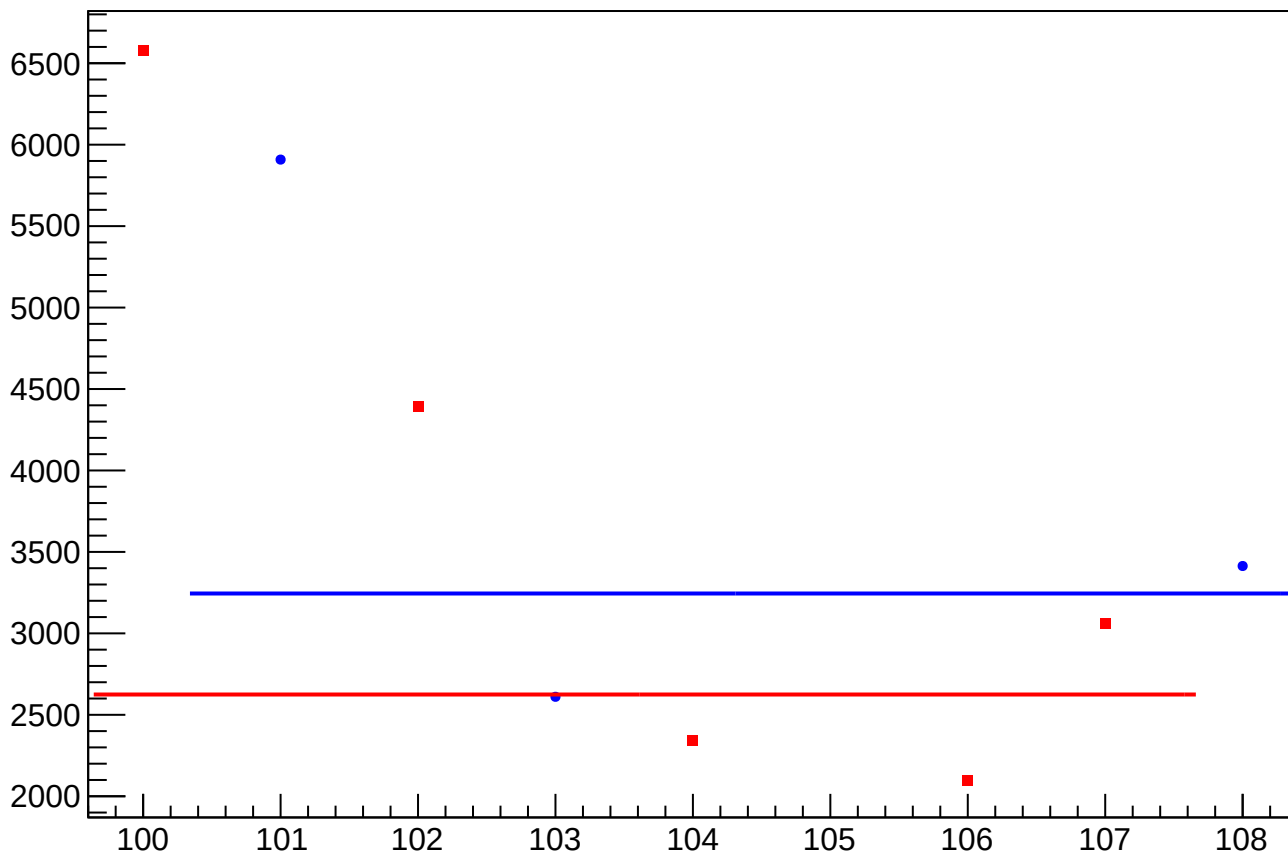
Right: -293.456+/-1673.893 χ^2/NDF : 5.4/7

In: -2116.448+/-2668.420 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -293.456+/-1673.893 χ^2/NDF : 5.4/7

asym_atr_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3244.730+/-1.887 χ^2/NDF : 339219.0/2

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

Right Out: 2624.662+/-1.520 χ^2/NDF : 276829.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

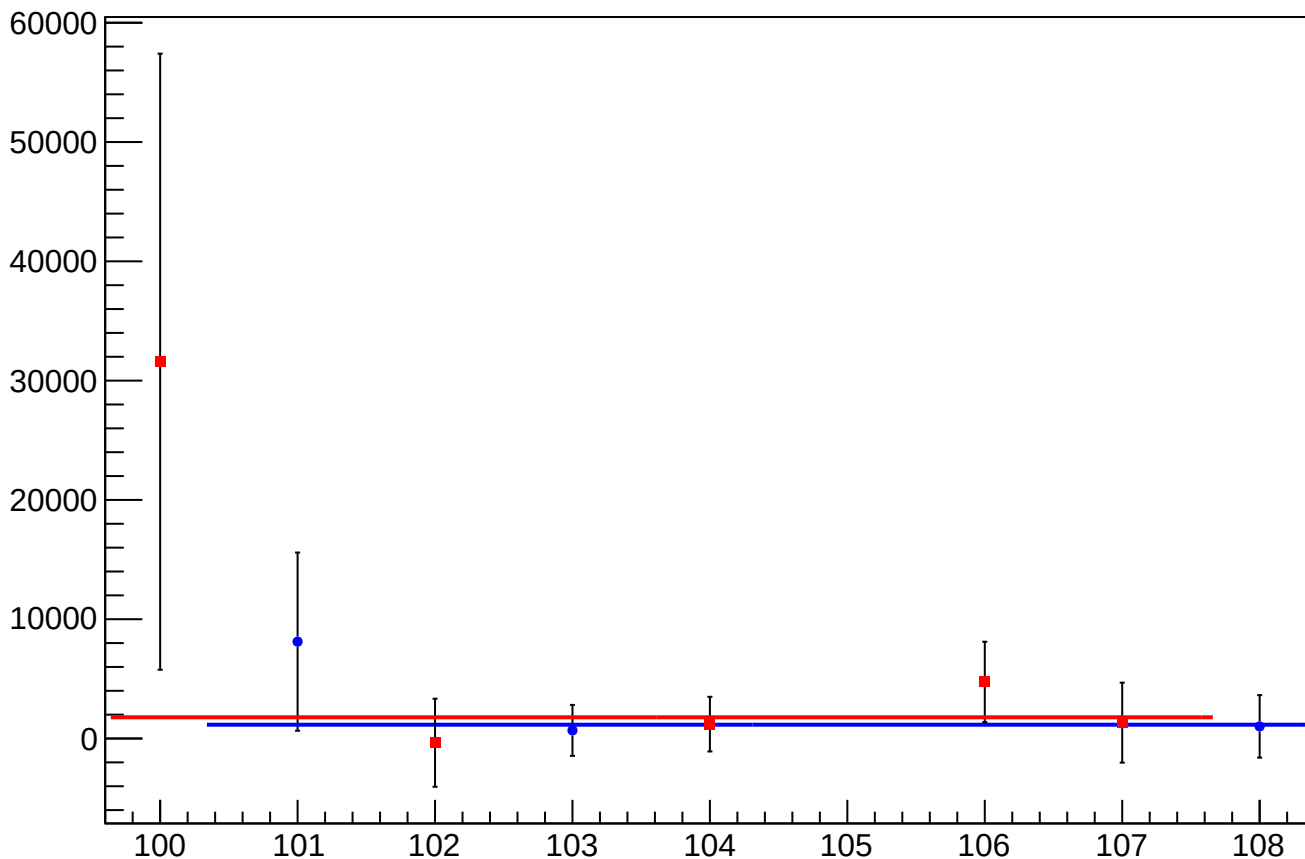
Right: 2868.660+/-1.184 χ^2/NDF : 681546.8/7

In: 3244.730+/-1.887 χ^2/NDF : 339219.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2868.660+/-1.184 χ^2/NDF : 681546.8/7

cor_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 1157.062+/-1615.493 χ^2/NDF : 0.9/2

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

Right Out: 1778.664+/-1503.454 χ^2/NDF : 2.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

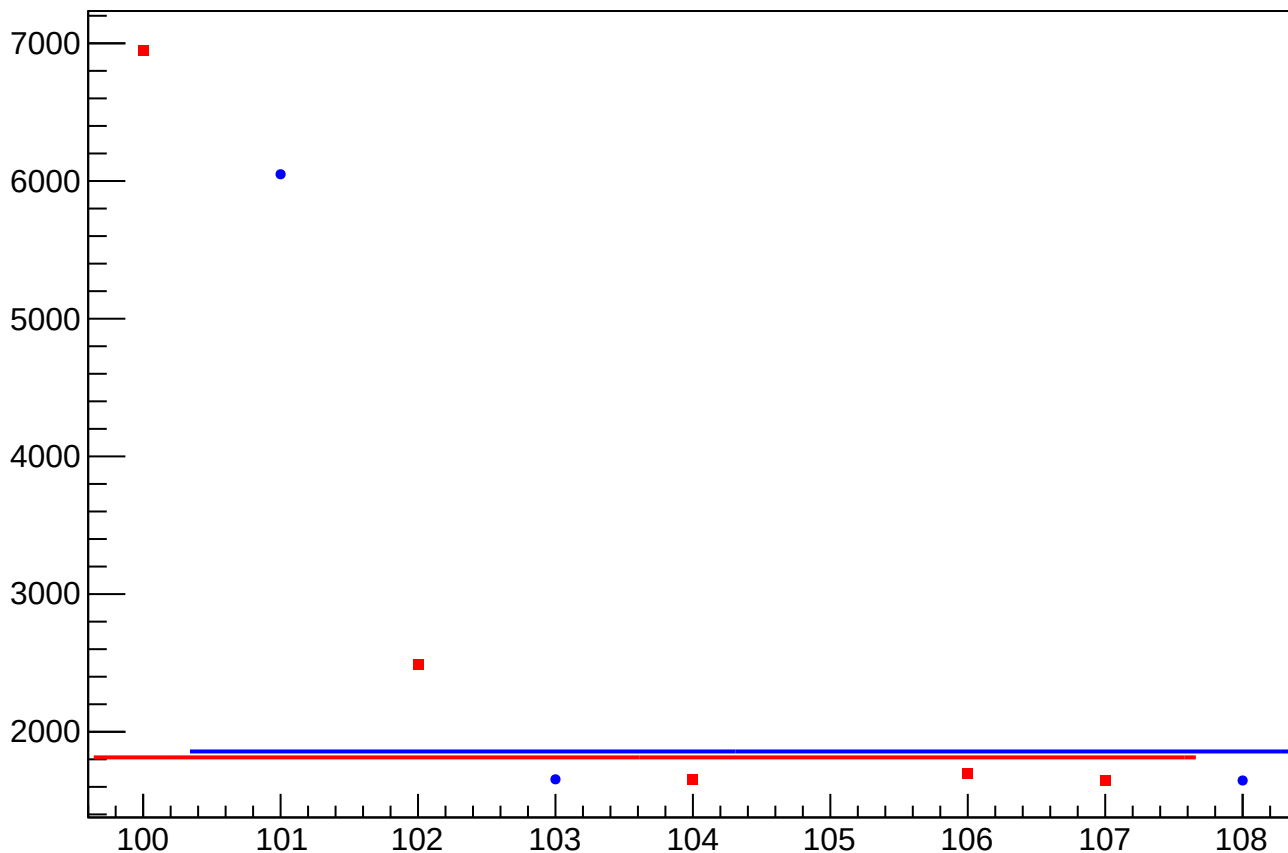
Right: 1490.163+/-1100.582 χ^2/NDF : 3.5/7

In: 1157.062+/-1615.493 χ^2/NDF : 0.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1490.163+/-1100.582 χ^2/NDF : 3.5/7

cor_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1857.159+/-1.142 χ^2/NDF : 660926.0/2

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

Right Out: 1814.127+/-1.056 χ^2/NDF : 164013.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

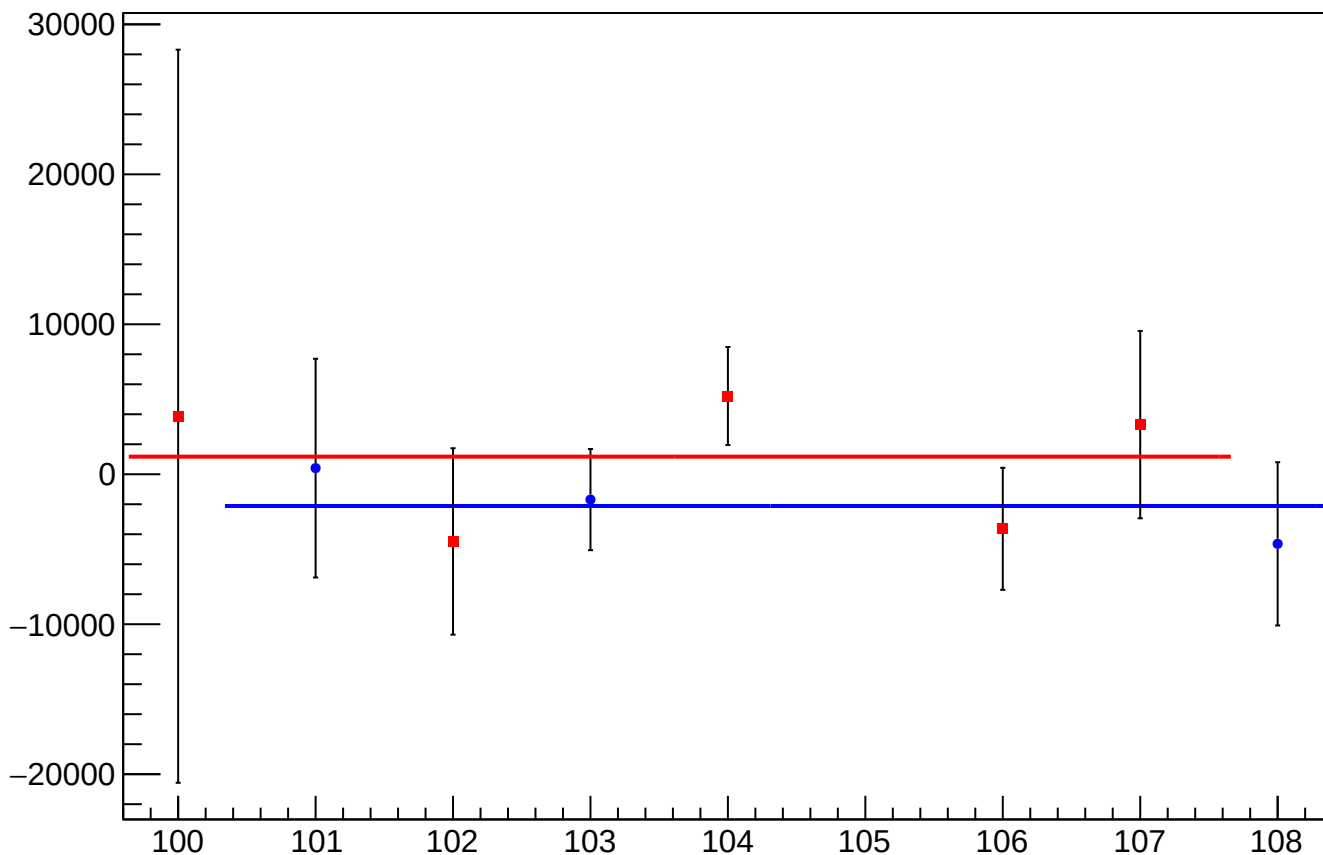
Right: 1833.948+/-0.775 χ^2/NDF : 825704.8/7

In: 1857.159+/-1.142 χ^2/NDF : 660926.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1833.948+/-0.775 χ^2/NDF : 825704.8/7

asym_atr_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -2117.611+/-2668.432 χ^2/NDF : 0.4/2

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

Right Out: 1174.890+/-2197.269 χ^2/NDF : 3.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

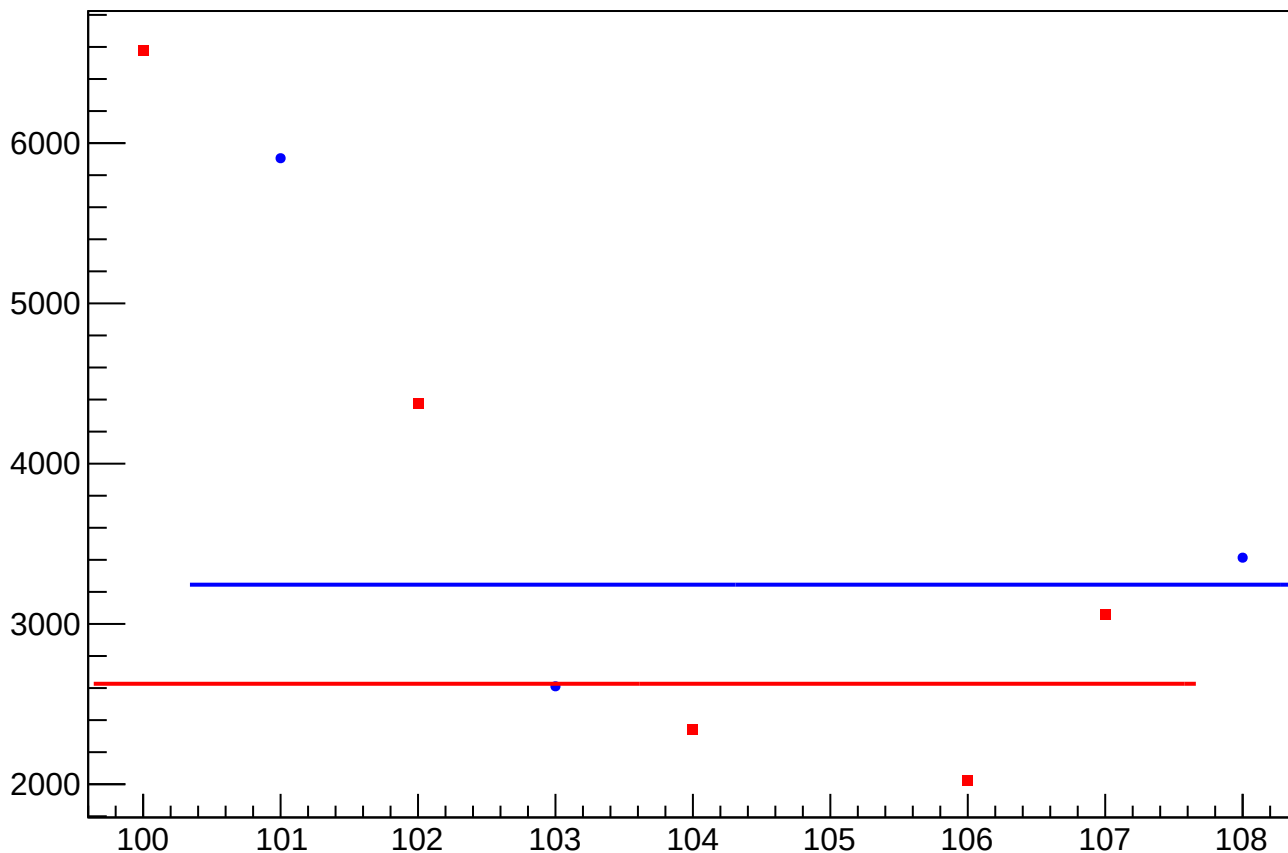
Right: -155.497+/-1696.220 χ^2/NDF : 5.1/7

In: -2117.611+/-2668.432 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -155.497+/-1696.220 χ^2/NDF : 5.1/7

asym_atr_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3244.983+/-1.887 χ^2/NDF : 338842.1/2

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

Right Out: 2626.770+/-1.554 χ^2/NDF : 278920.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

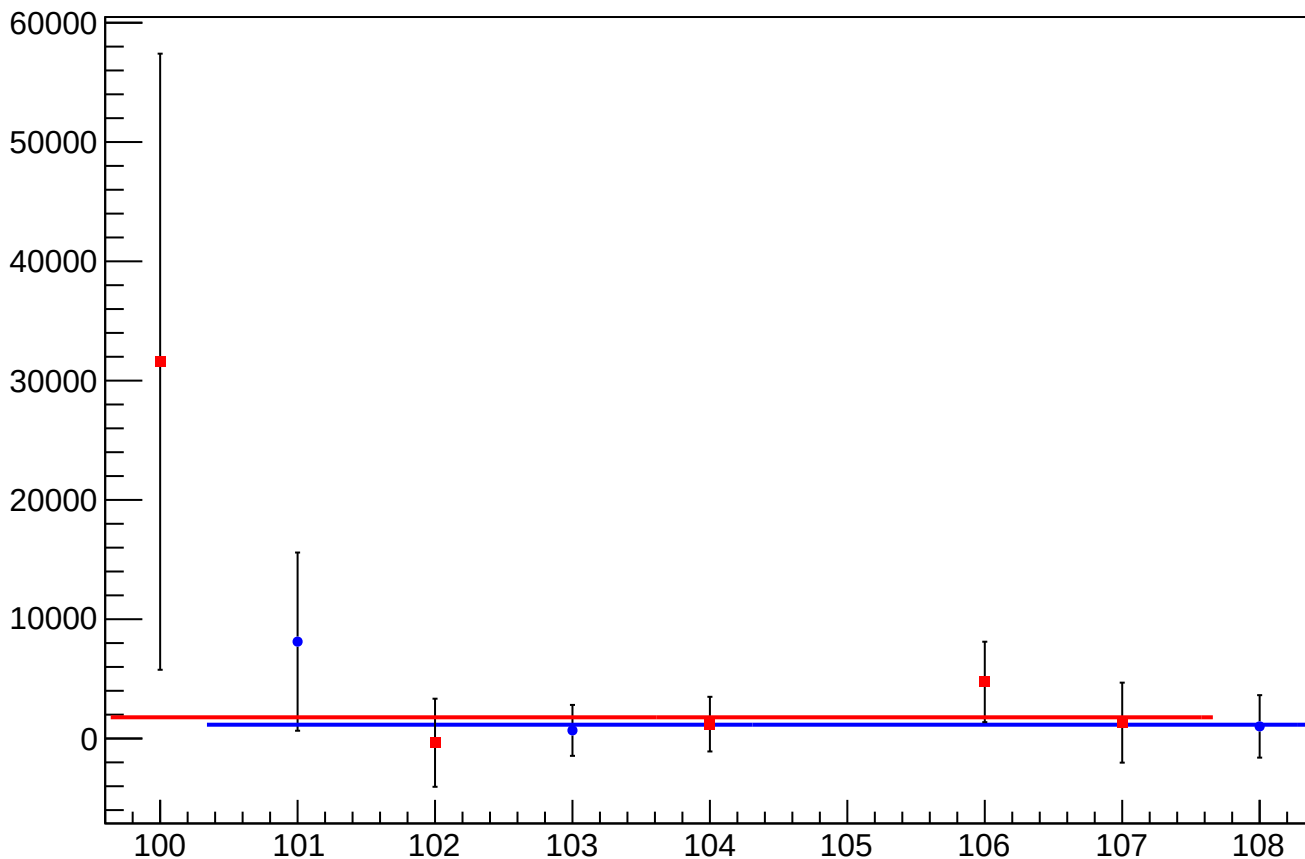
Right: 2876.569+/-1.199 χ^2/NDF : 681734.9/7

In: 3244.983+/-1.887 χ^2/NDF : 338842.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2876.569+/-1.199 χ^2/NDF : 681734.9/7

eigen_cor_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 1157.062+/-1615.493 χ^2/NDF : 0.9/2

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

Right Out: 1778.664+/-1503.454 χ^2/NDF : 2.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

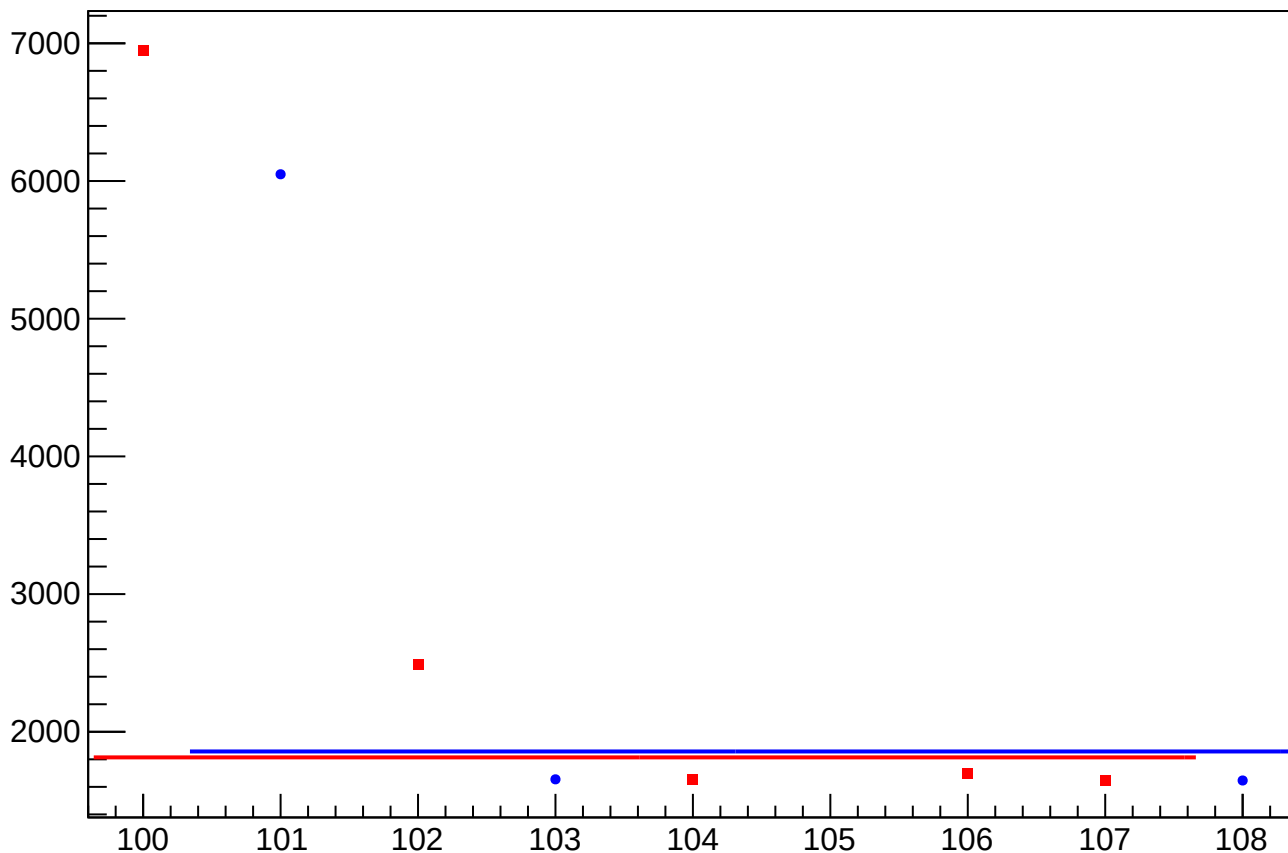
Right: 1490.163+/-1100.582 χ^2/NDF : 3.5/7

In: 1157.062+/-1615.493 χ^2/NDF : 0.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1490.163+/-1100.582 χ^2/NDF : 3.5/7

eigen_cor_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1857.159+/-1.142 χ^2/NDF : 660926.0/2

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

Right Out: 1814.127+/-1.056 χ^2/NDF : 164013.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

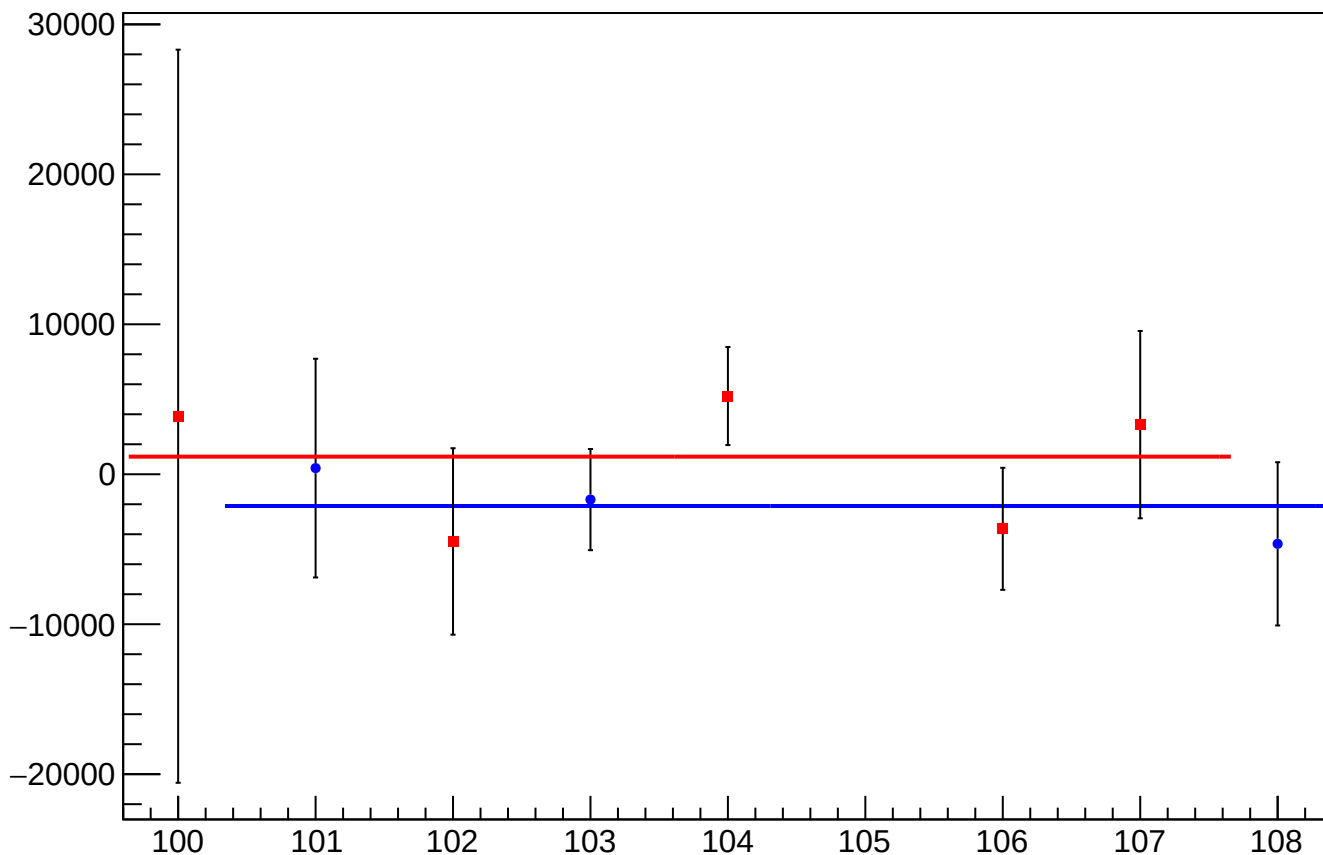
Right: 1833.948+/-0.775 χ^2/NDF : 825704.8/7

In: 1857.159+/-1.142 χ^2/NDF : 660926.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1833.948+/-0.775 χ^2/NDF : 825704.8/7

asym_atr_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -2117.611+/-2668.432 χ^2/NDF : 0.4/2

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

Right Out: 1174.890+/-2197.269 χ^2/NDF : 3.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

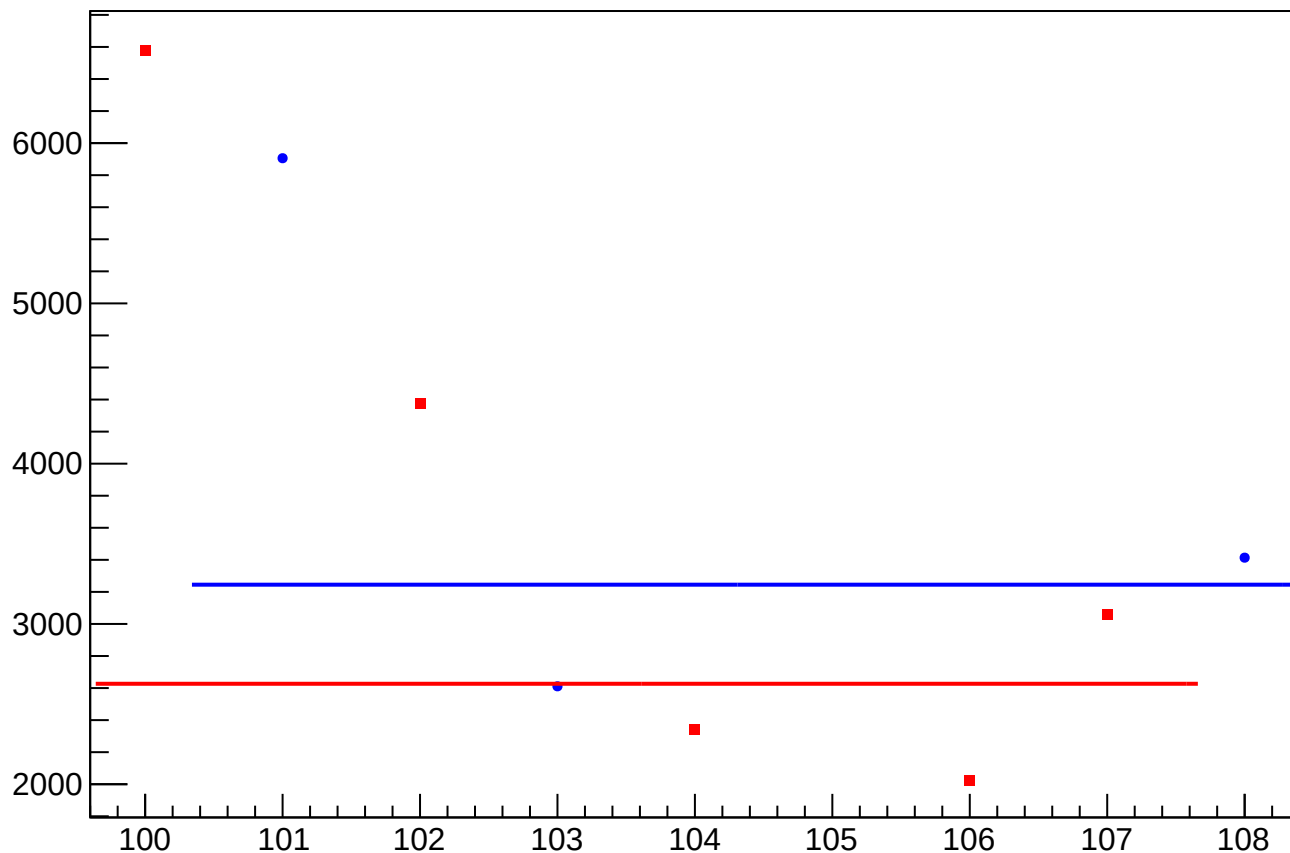
Right: -155.497+/-1696.220 χ^2/NDF : 5.1/7

In: -2117.611+/-2668.432 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -155.497+/-1696.220 χ^2/NDF : 5.1/7

asym_atr_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3244.983+/-1.887 χ^2/NDF : 338842.1/2

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

Right Out: 2626.770+/-1.554 χ^2/NDF : 278920.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

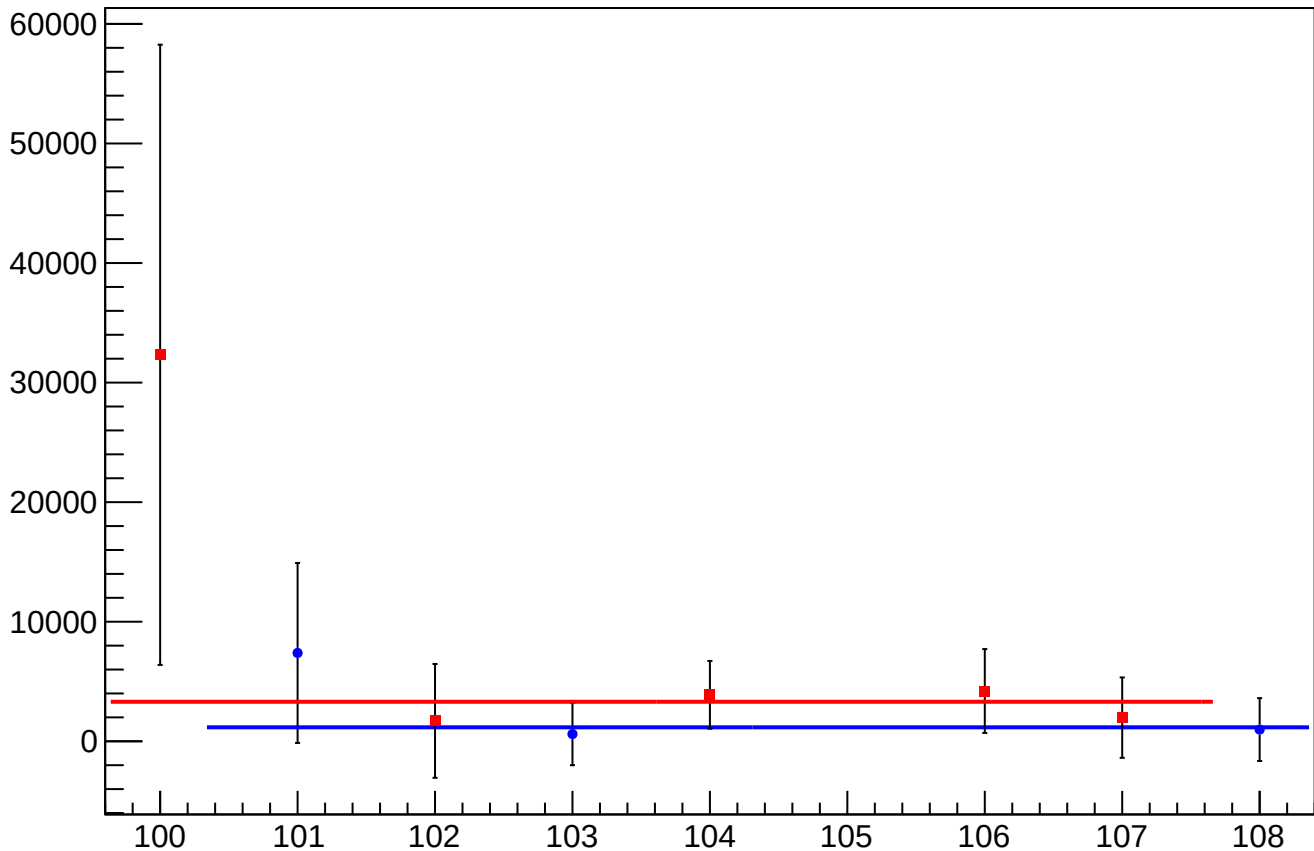
Right: 2876.569+/-1.199 χ^2/NDF : 681734.9/7

In: 3244.983+/-1.887 χ^2/NDF : 338842.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2876.569+/-1.199 χ^2/NDF : 681734.9/7

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 1167.388+/-1797.595 χ^2/NDF : 0.7/2

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

Right Out: 3305.830+/-1715.923 χ^2/NDF : 1.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

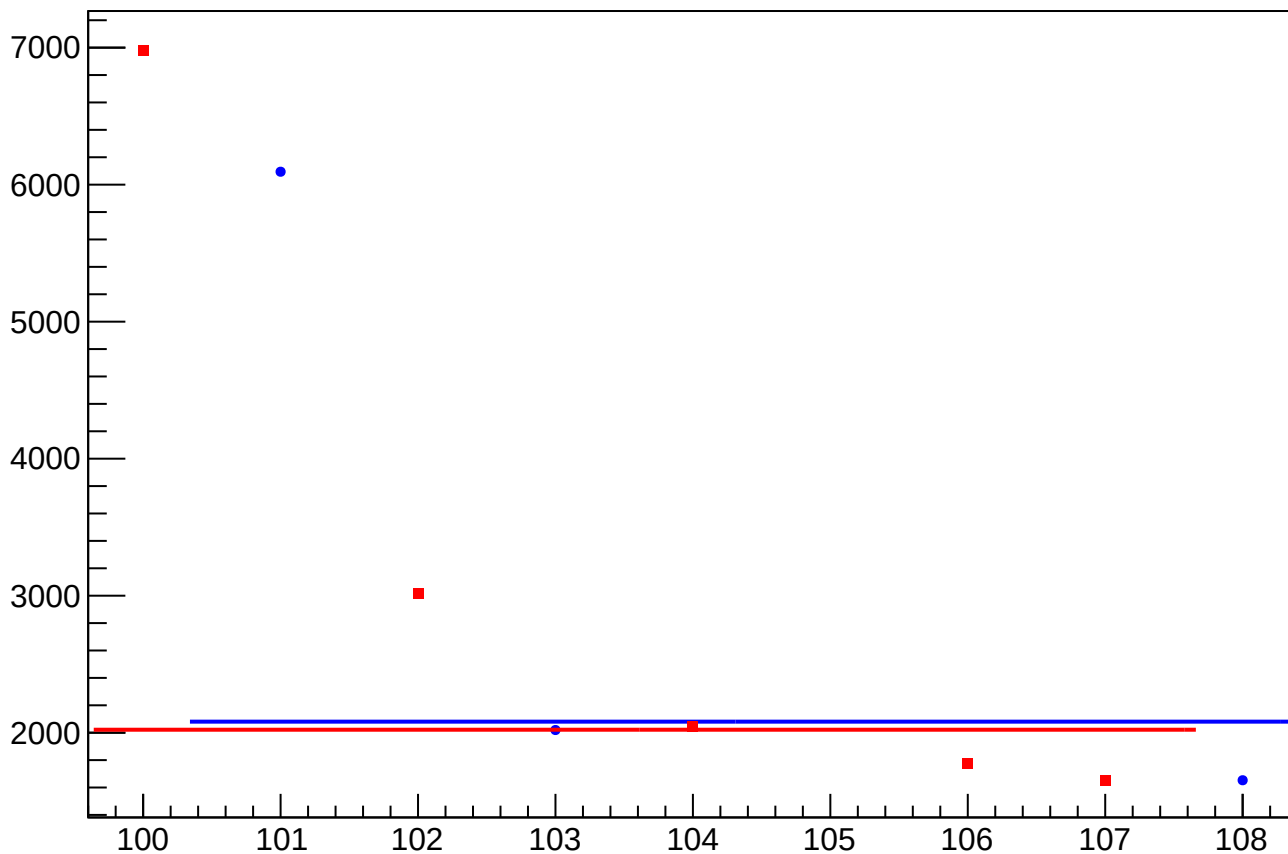
Right: 2286.290+/-1241.210 χ^2/NDF : 3.1/7

In: 1167.388+/-1797.595 χ^2/NDF : 0.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2286.290+/-1241.210 χ^2/NDF : 3.1/7

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 2080.719+/-1.271 χ^2/NDF : 622591.2/2

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

Right Out: 2021.769+/-1.208 χ^2/NDF : 195615.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

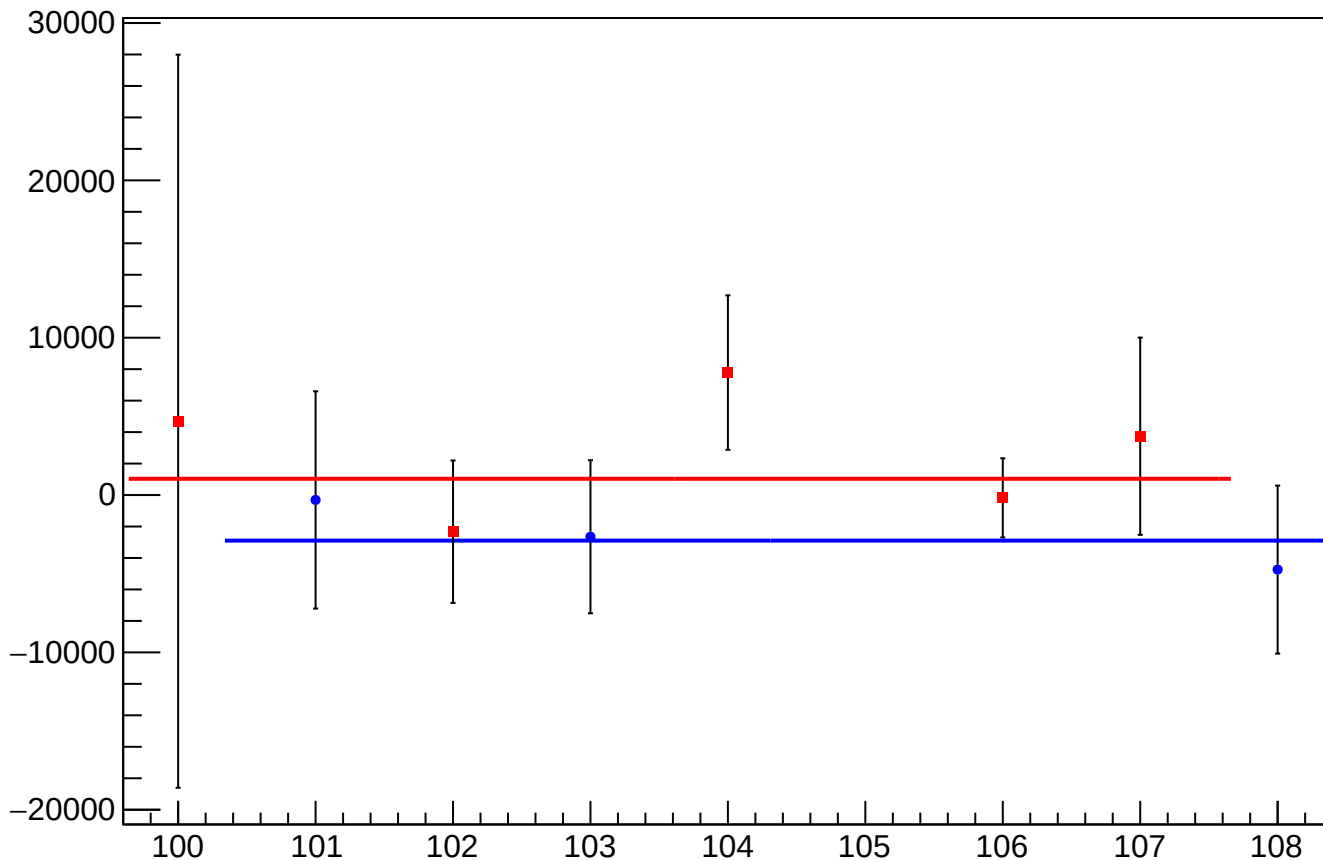
Right: 2049.735+/-0.875 χ^2/NDF : 819337.6/7

In: 2080.719+/-1.271 χ^2/NDF : 622591.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2049.735+/-0.875 χ^2/NDF : 819337.6/7

asym_atr_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -2896.669+/-3189.569 χ^2/NDF : 0.3/2

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

Right Out: 1033.544+/-1905.066 χ^2/NDF : 2.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

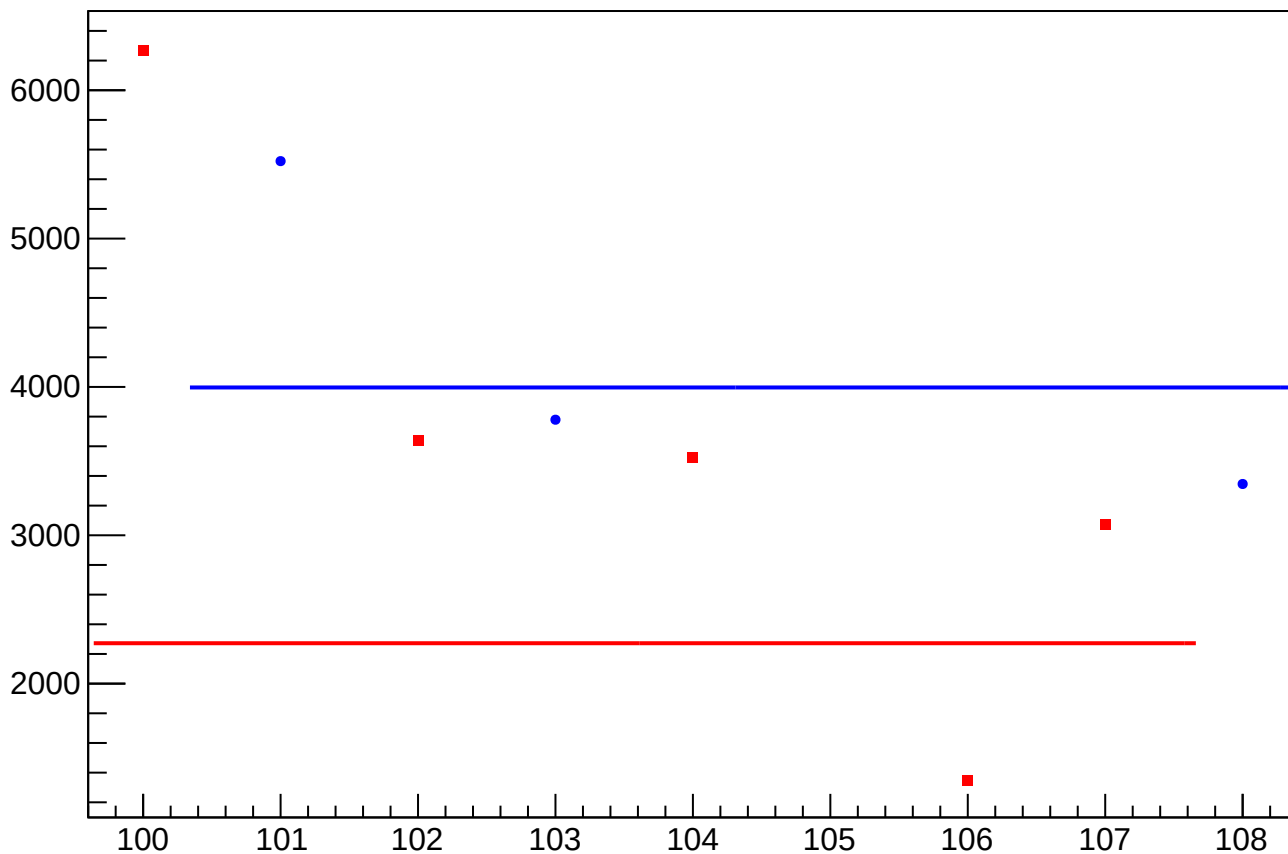
Right: 0.130+/-1635.540 χ^2/NDF : 4.3/7

In: -2896.669+/-3189.569 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.130+/-1635.540 χ^2/NDF : 4.3/7

asym_atr_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3996.436+/-2.255 χ^2/NDF : 131349.7/2

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

Right Out: 2272.377+/-1.347 χ^2/NDF : 673425.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

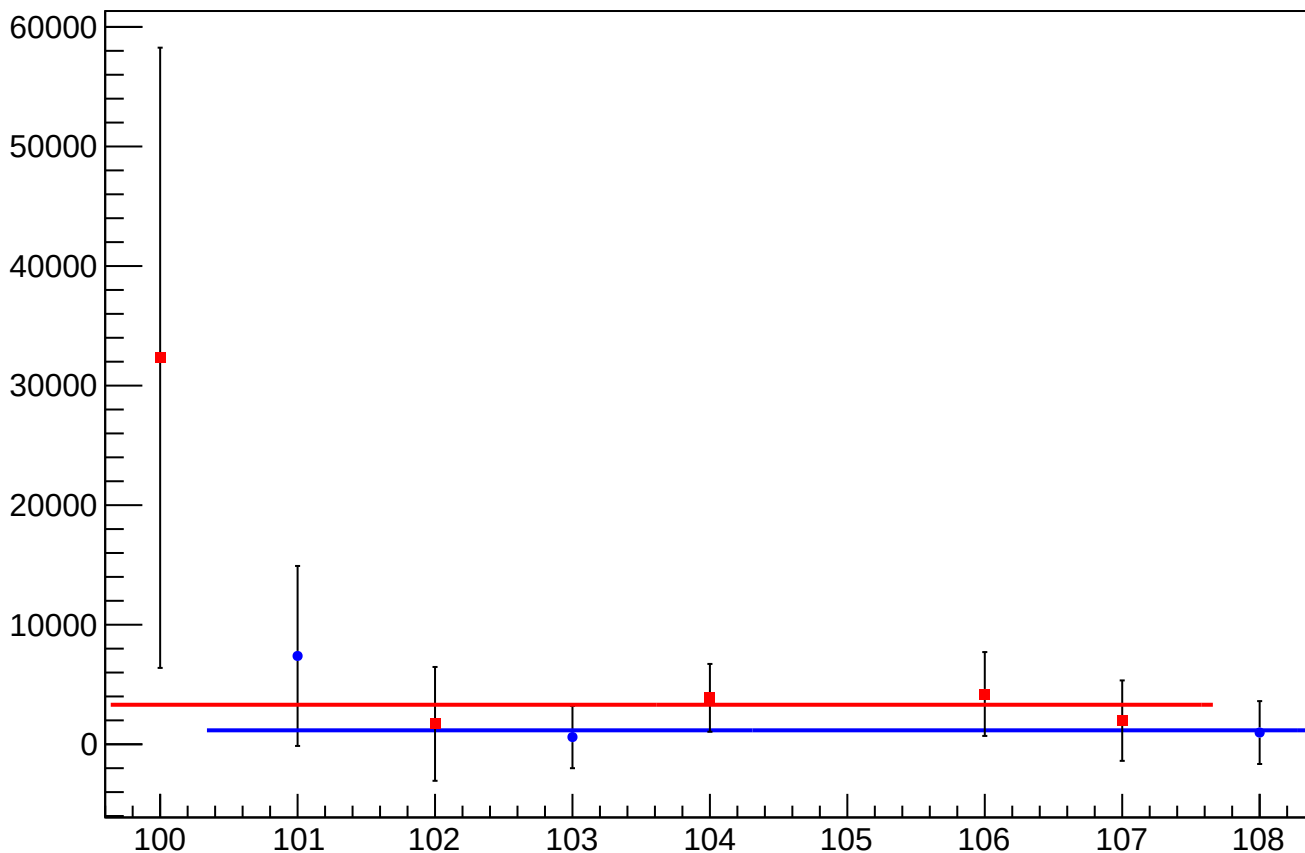
Right: 2725.702+/-1.157 χ^2/NDF : 1235472.3/7

In: 3996.436+/-2.255 χ^2/NDF : 131349.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2725.702+/-1.157 χ^2/NDF : 1235472.3/7

eigen_dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 1167.385+/-1797.594 χ^2/NDF : 0.7/2

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

Right Out: 3305.829+/-1715.923 χ^2/NDF : 1.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

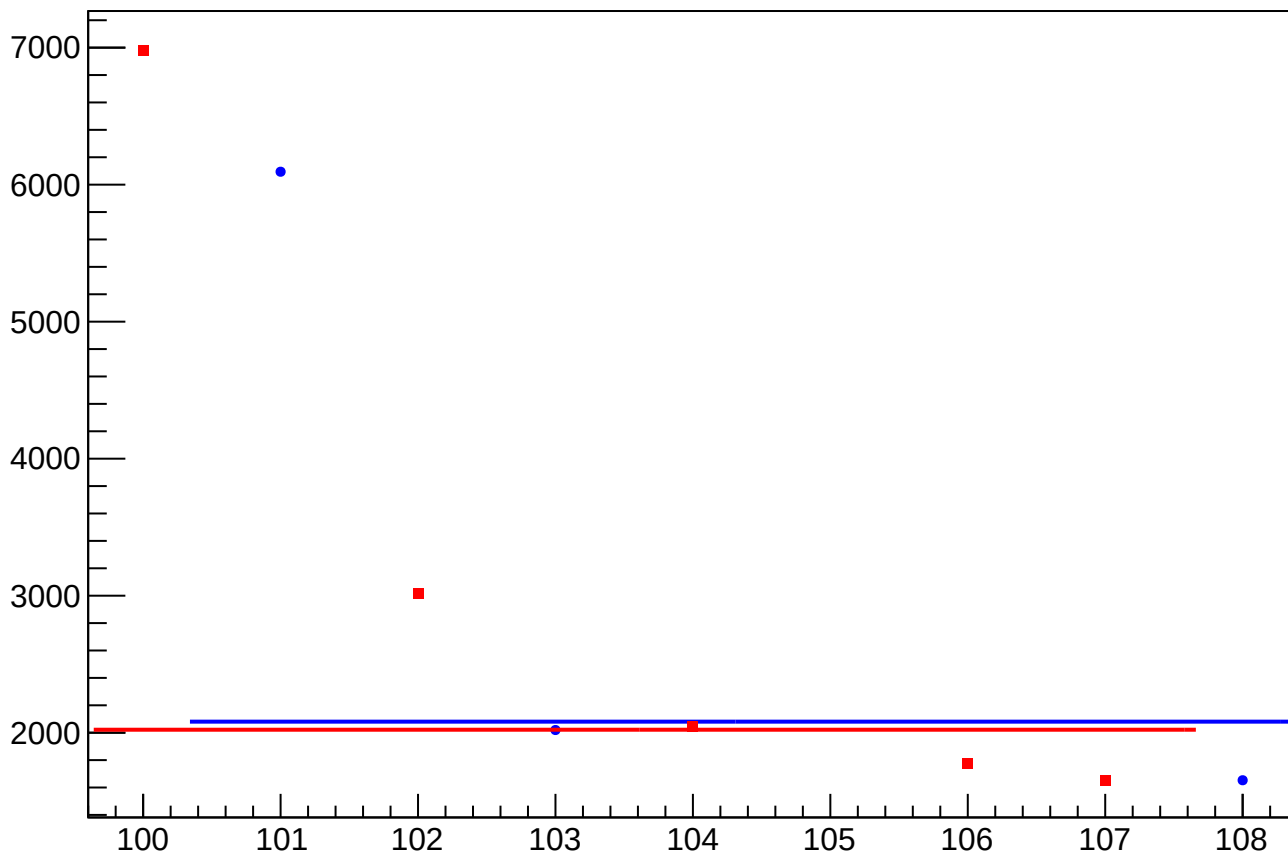
Right: 2286.288+/-1241.209 χ^2/NDF : 3.1/7

In: 1167.385+/-1797.594 χ^2/NDF : 0.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2286.288+/-1241.209 χ^2/NDF : 3.1/7

eigen_dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 2080.718+/-1.271 χ^2/NDF : 622591.3/2

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

Right Out: 2021.768+/-1.208 χ^2/NDF : 195615.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

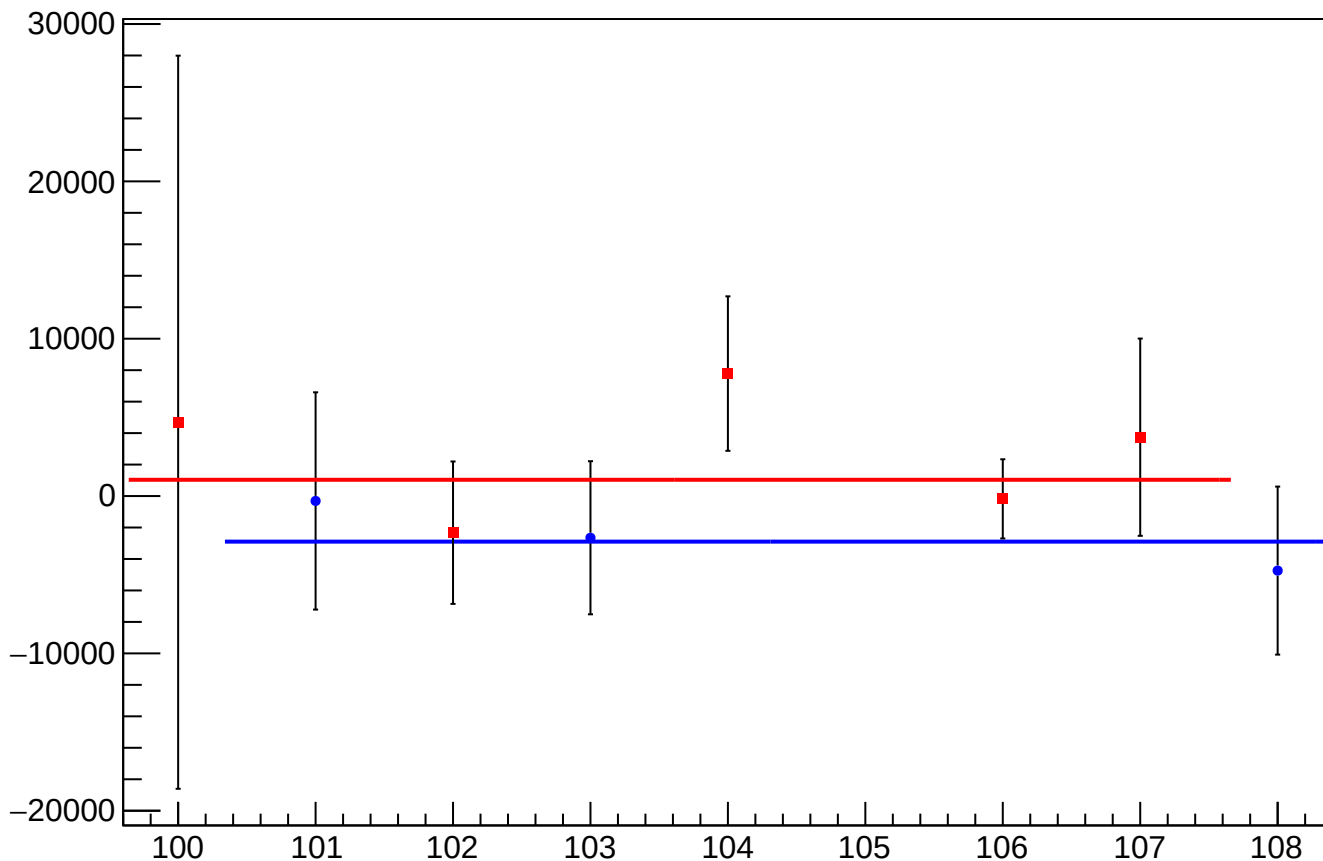
Right: 2049.734+/-0.875 χ^2/NDF : 819337.3/7

In: 2080.718+/-1.271 χ^2/NDF : 622591.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2049.734+/-0.875 χ^2/NDF : 819337.3/7

asym_atr_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -2896.672 $\pm$ 3189.569 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1033.538 $\pm$ 1905.061 χ^2 /NDF: 2.9/4

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

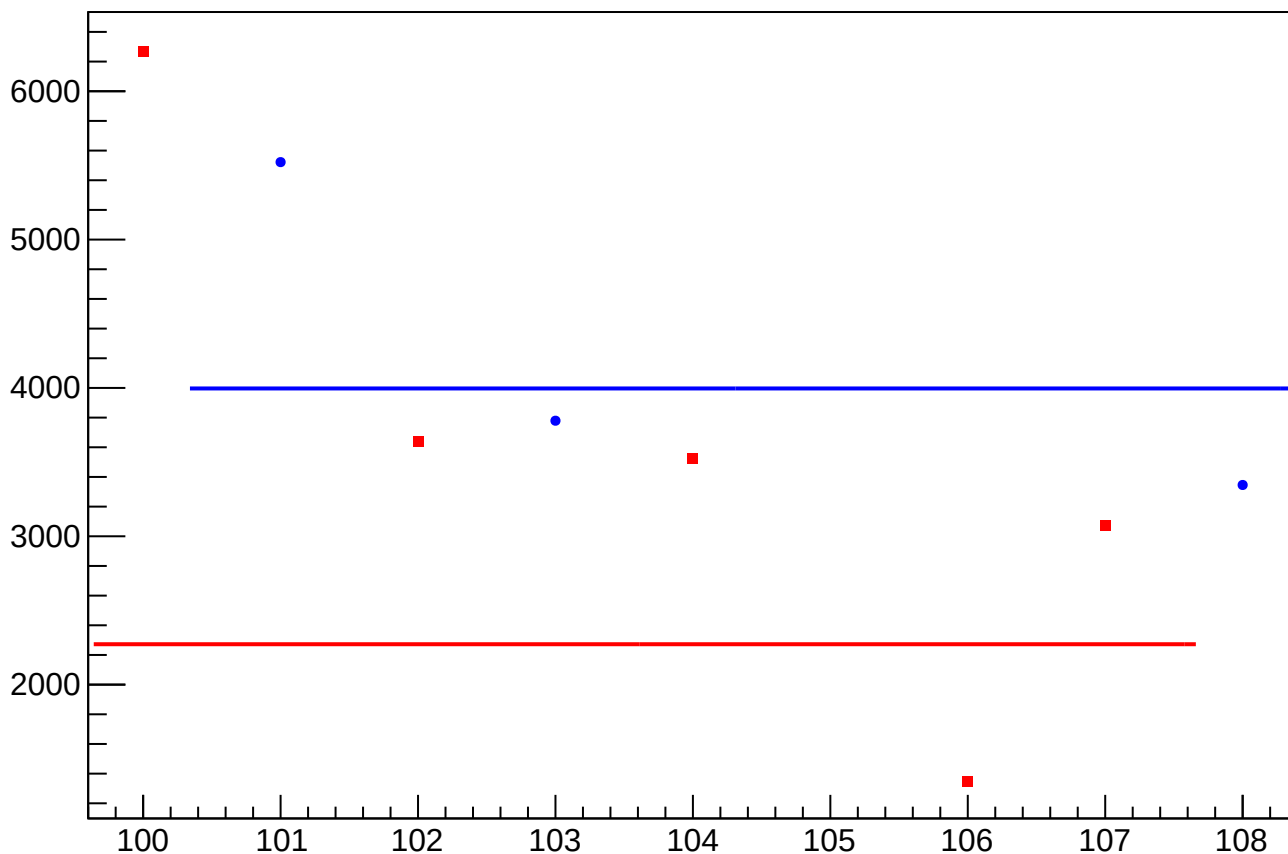
Right: 0.128 $\pm$ 1635.537 χ^2 /NDF: 4.3/7

In: -2896.672 $\pm$ 3189.569 χ^2 /NDF: 0.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.128 $\pm$ 1635.537 χ^2 /NDF: 4.3/7

asym_atr_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Left: 0.000 ± 0.000 $\chi^2/\text{NDF} = 0.0/0$

Right: 2725.696 ± 1.156 $\chi^2/\text{NDF} = 1235478.2/7$

In: 3996.436 ± 2.255 $\chi^2/\text{NDF} = 131348.7/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF} = 0.0/0$

All: 2725.696 ± 1.156 $\chi^2/\text{NDF} = 1235478.2/7$

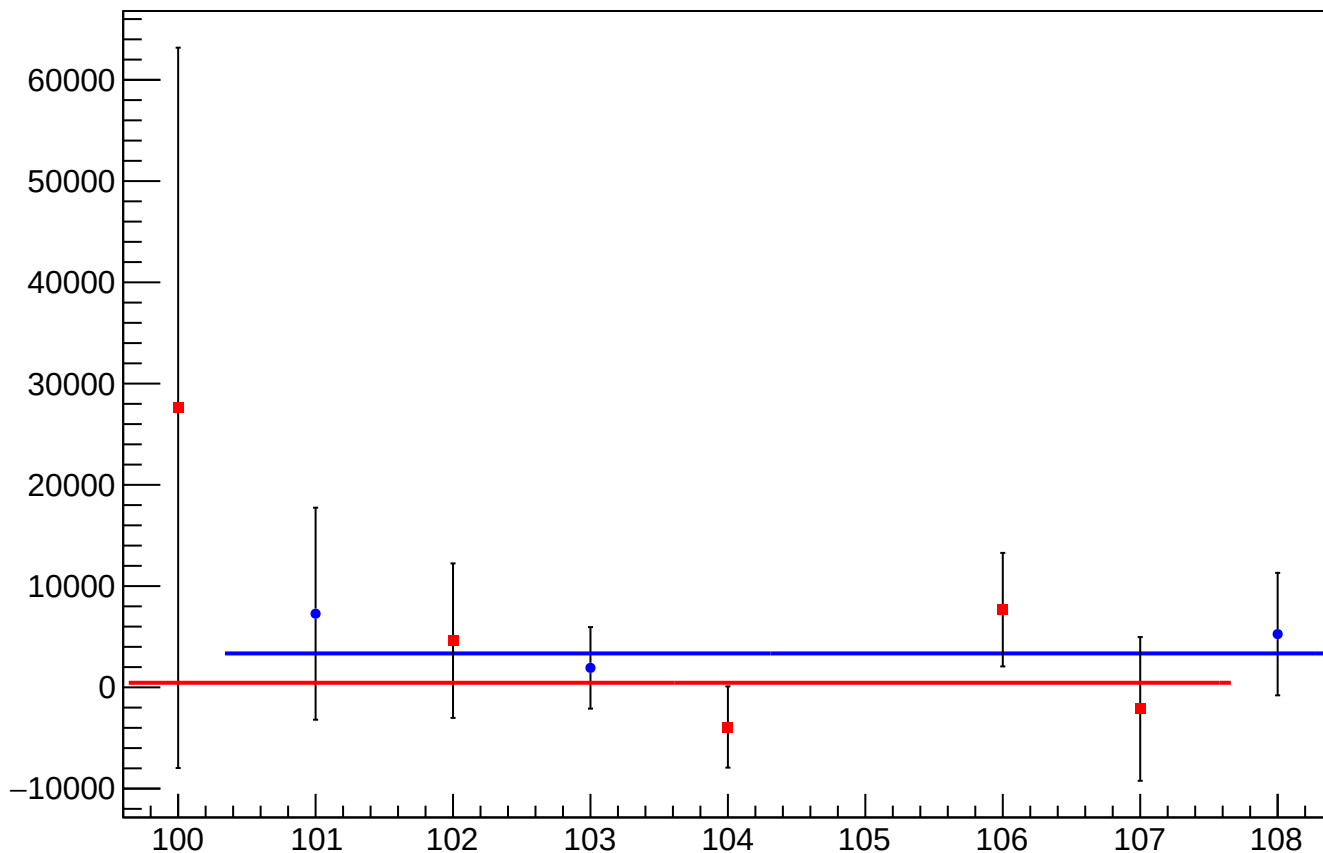
Right In: 3996.436 ± 2.255 $\chi^2/\text{NDF} = 131348.7/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF} = 0.0/0$

Right Out: 2272.371 ± 1.347 $\chi^2/\text{NDF} = 673428.0/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF} = 0.0/0$

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3350.222+/-3191.539 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 451.712+/-2755.035 χ^2/NDF : 3.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

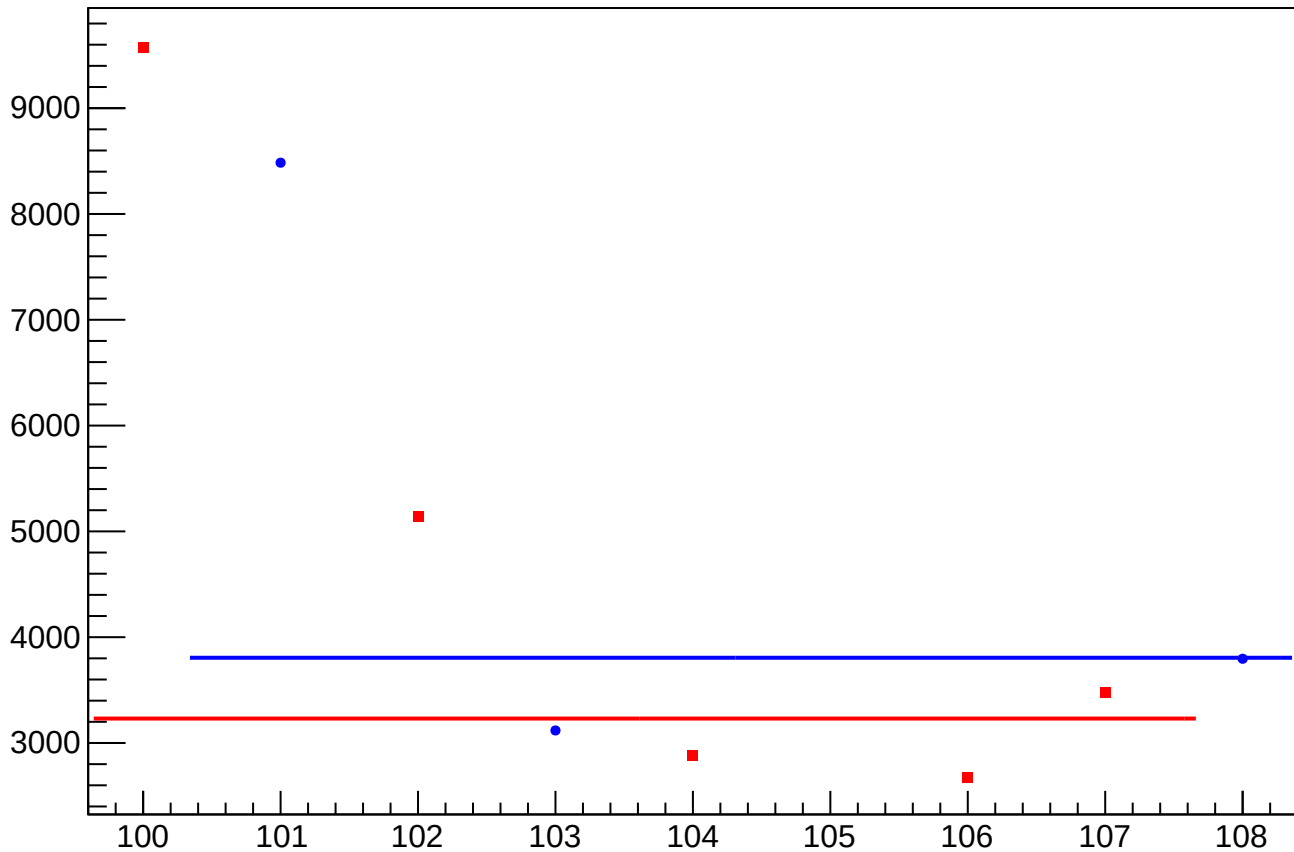
Right: 1689.344+/-2085.492 χ^2/NDF : 4.7/7

In: 3350.222+/-3191.539 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1689.344+/-2085.492 χ^2/NDF : 4.7/7

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 3805.672+/-2.257 χ^2/NDF : 457669.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3230.979+/-1.903 χ^2/NDF : 229903.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

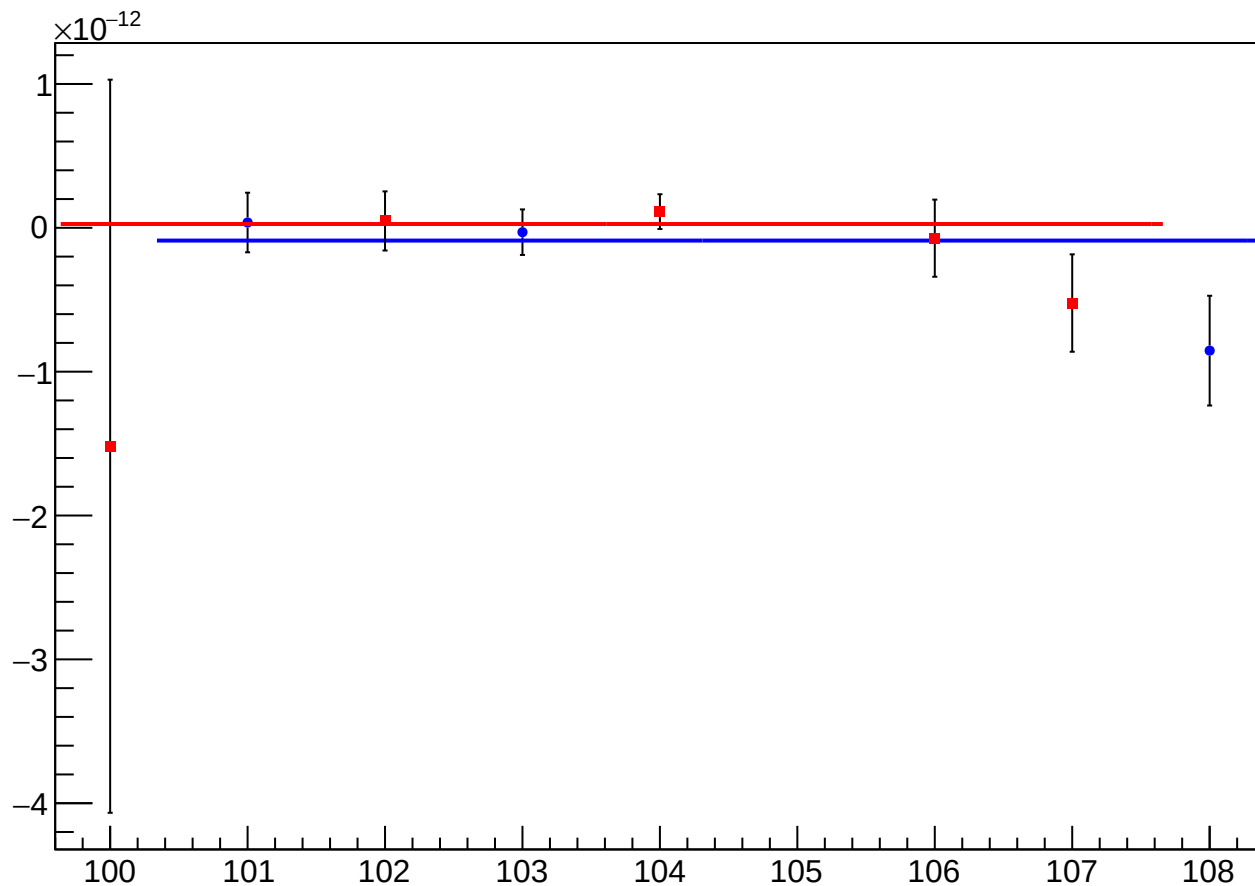
Right: 3469.850+/-1.455 χ^2/NDF : 725467.3/7

In: 3805.672+/-2.257 χ^2/NDF : 457669.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3469.850+/-1.455 χ^2/NDF : 725467.3/7

asym_atr_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.5/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.7/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

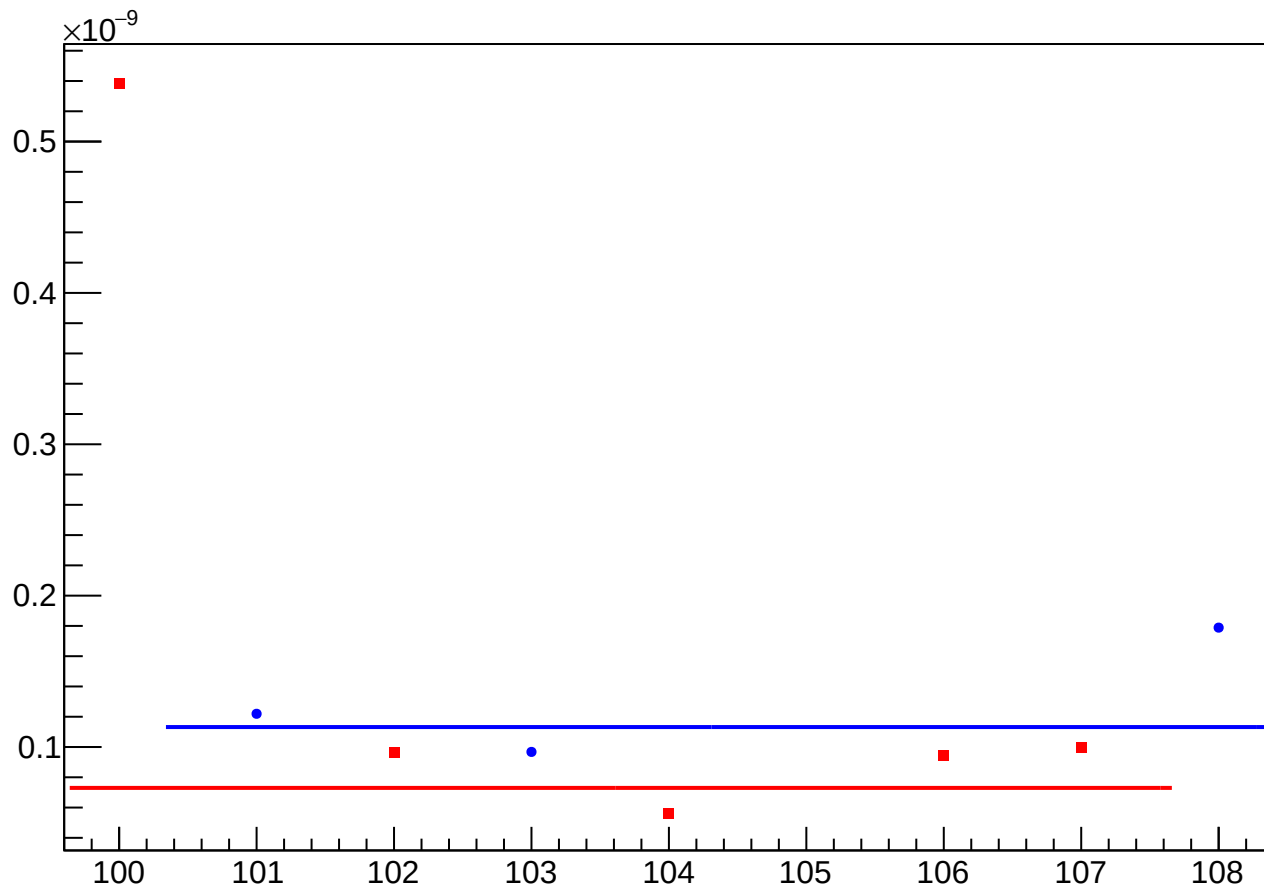
Right: -0.000+/-0.000 χ^2/NDF : 8.8/7

In: -0.000+/-0.000 χ^2/NDF :4.5/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.8/7

asym_atr_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 84407.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 158305.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

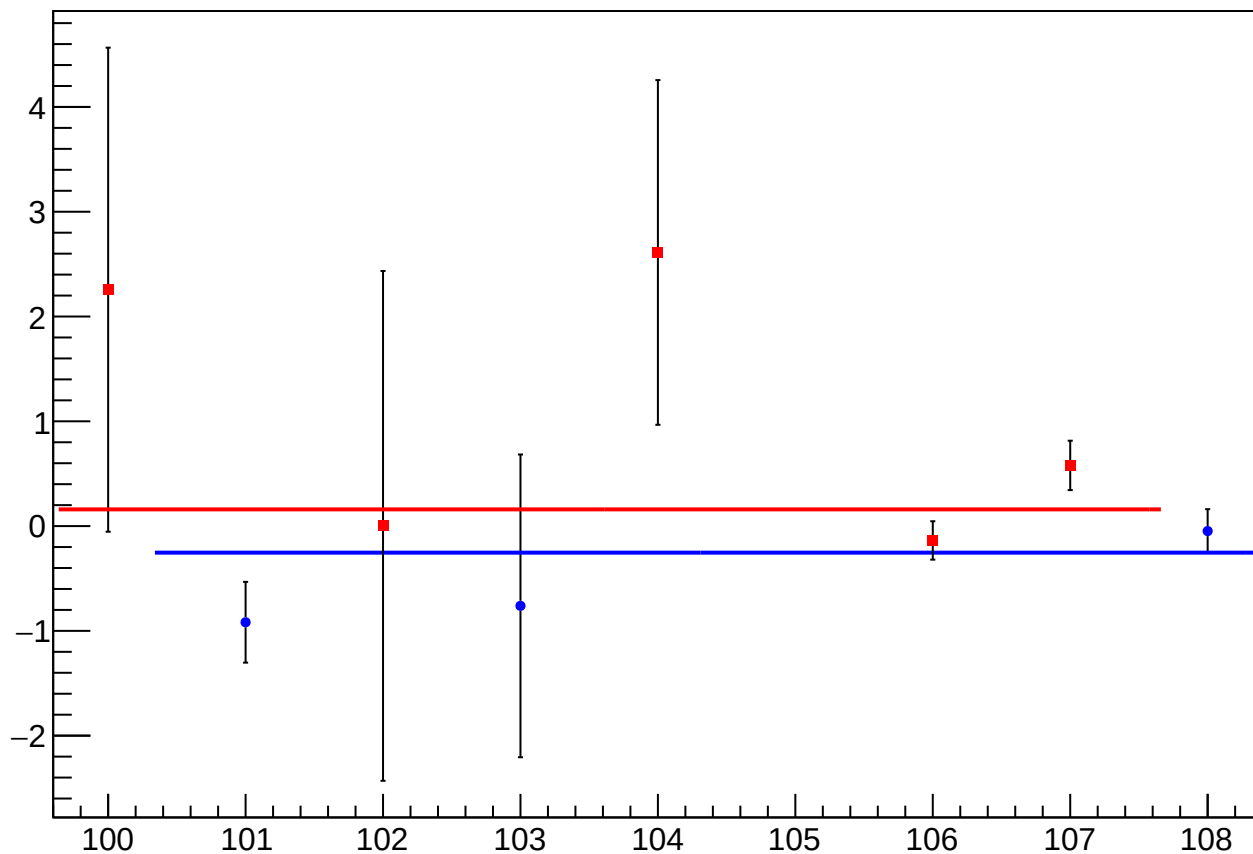
Right: 0.000+/-0.000 χ^2/NDF : 383430.8/7

In: 0.000+/-0.000 χ^2/NDF : 84407.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 383430.8/7

asym_atr_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.253 ± 0.182 χ^2/NDF : 4.1/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.160 ± 0.144 χ^2/NDF : 8.8/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

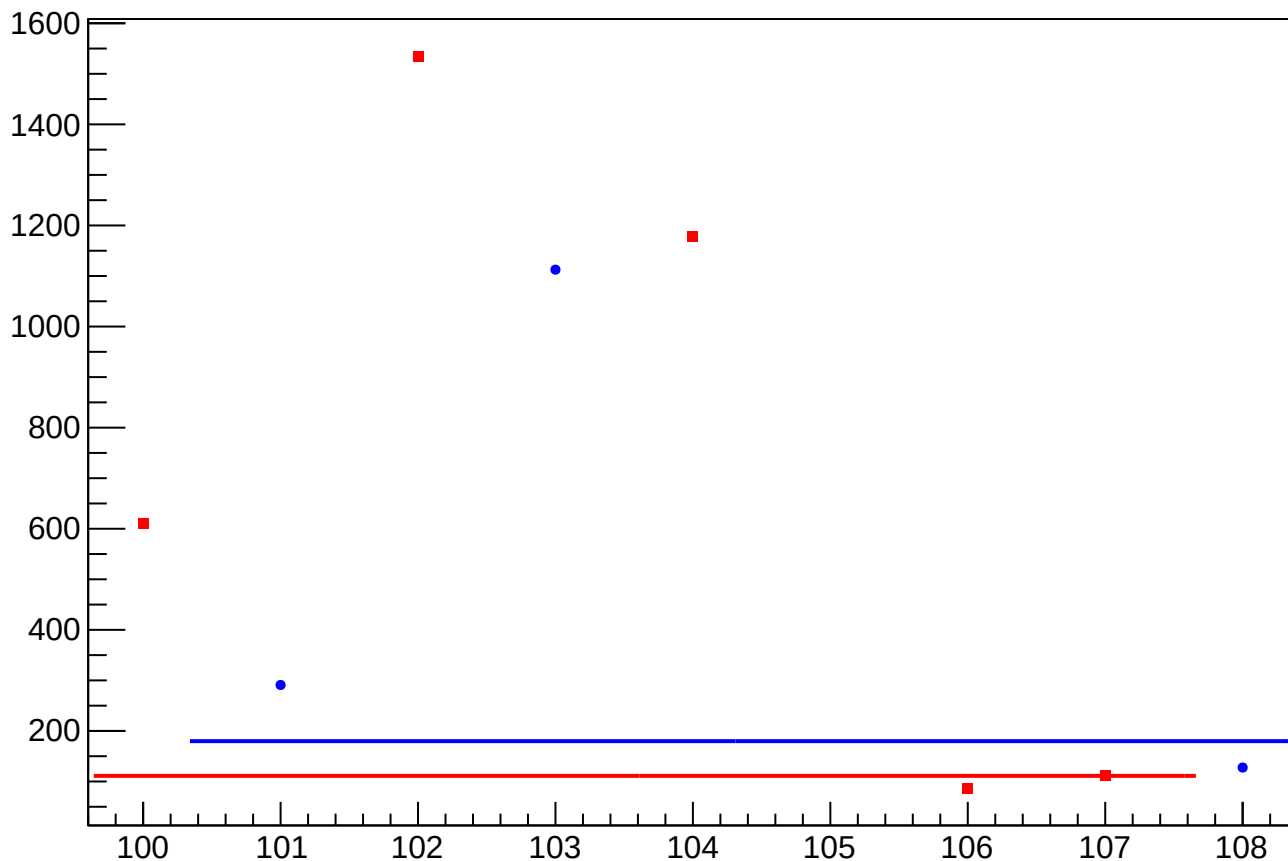
Right: 0.001 ± 0.113 χ^2/NDF : 16.1/7

In: -0.253 ± 0.182 χ^2/NDF : 4.1/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.001 ± 0.113 χ^2/NDF : 16.1/7

asym_atr_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 179.798+/-0.129 χ^2/NDF : 1124828.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.146+/-0.101 χ^2/NDF : 1658925.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

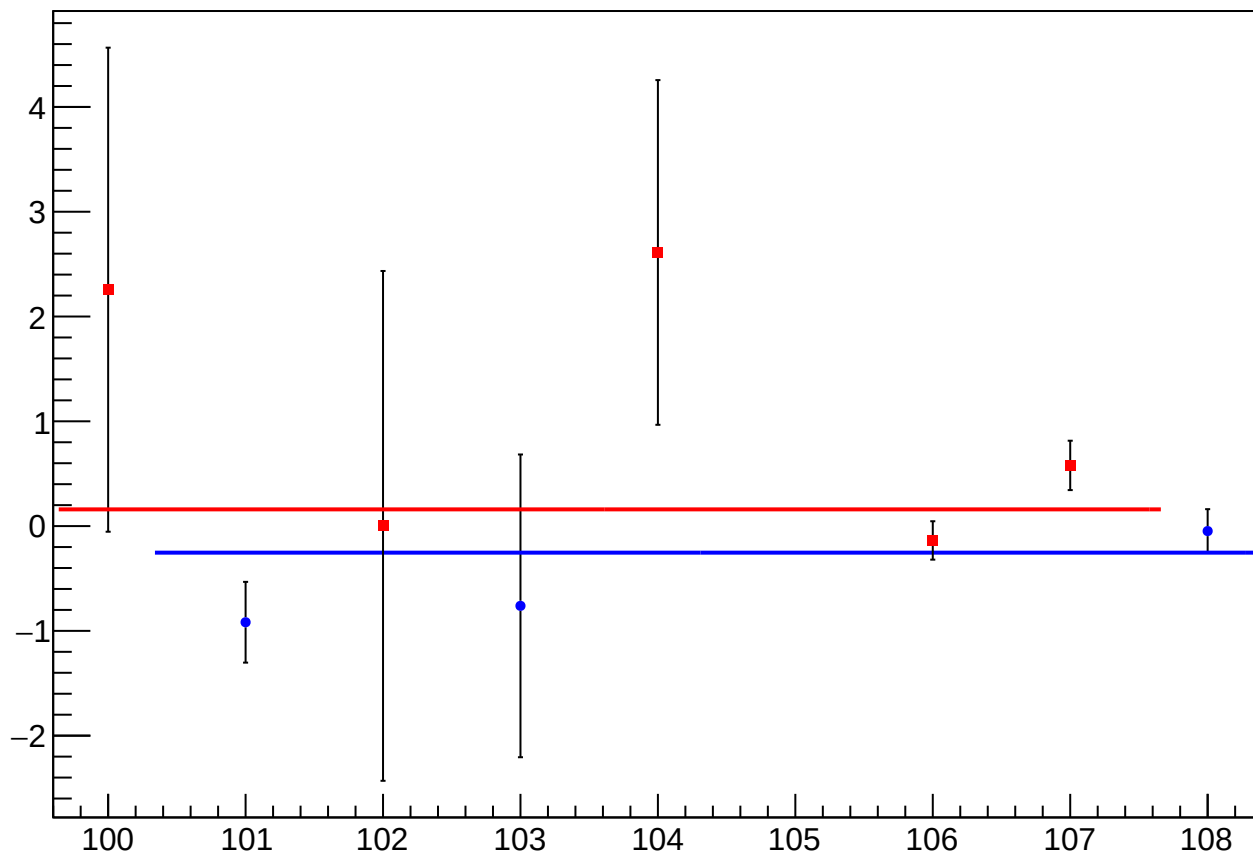
Right: 137.420+/-0.080 χ^2/NDF : 2958882.2/7

In: 179.798+/-0.129 χ^2/NDF : 1124828.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.420+/-0.080 χ^2/NDF : 2958882.2/7

asym_atr_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.253 ± 0.182 χ^2/NDF : 4.1/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.160 ± 0.144 χ^2/NDF : 8.8/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

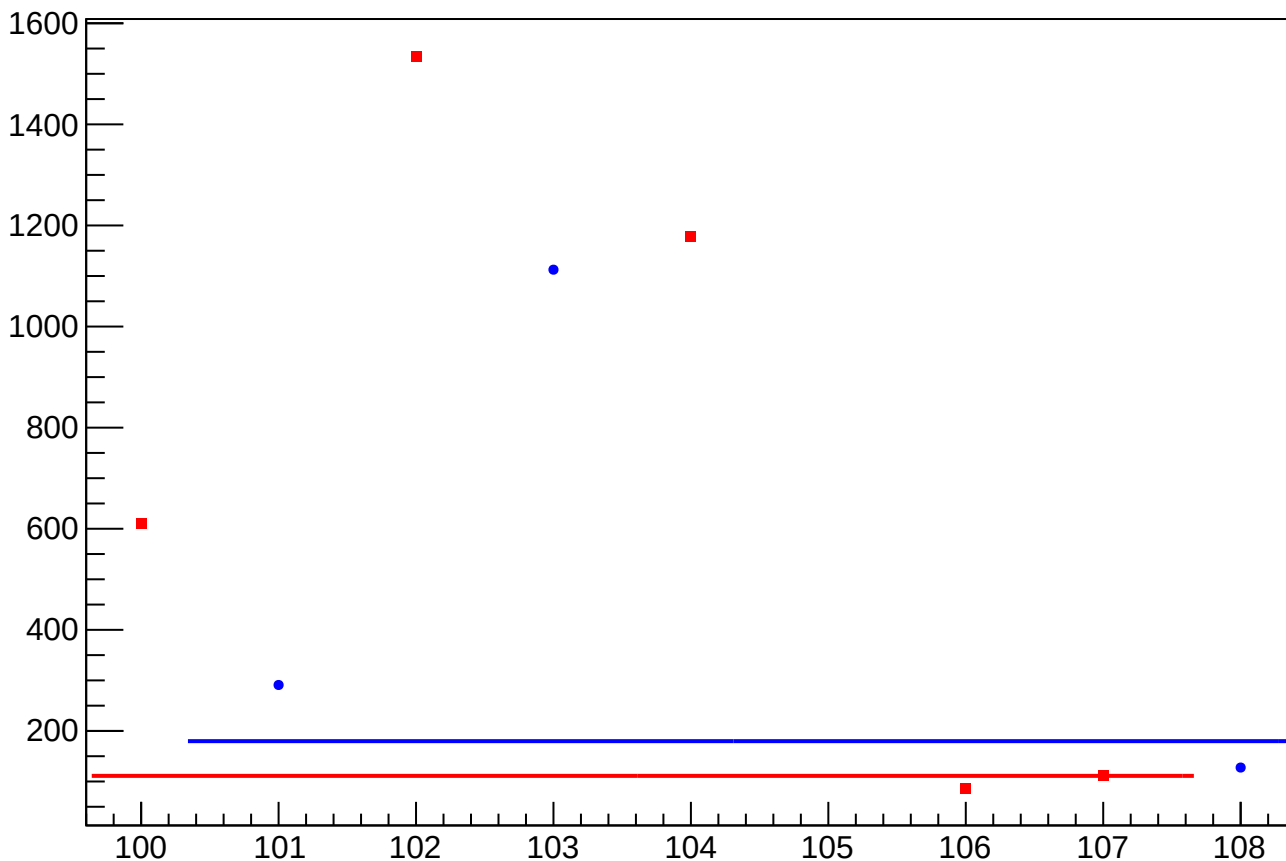
Right: 0.001 ± 0.113 χ^2/NDF : 16.1/7

In: -0.253 ± 0.182 χ^2/NDF : 4.1/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.001 ± 0.113 χ^2/NDF : 16.1/7

asym_atr_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 179.798+/-0.129 χ^2/NDF : 1124828.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.146+/-0.101 χ^2/NDF : 1658925.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

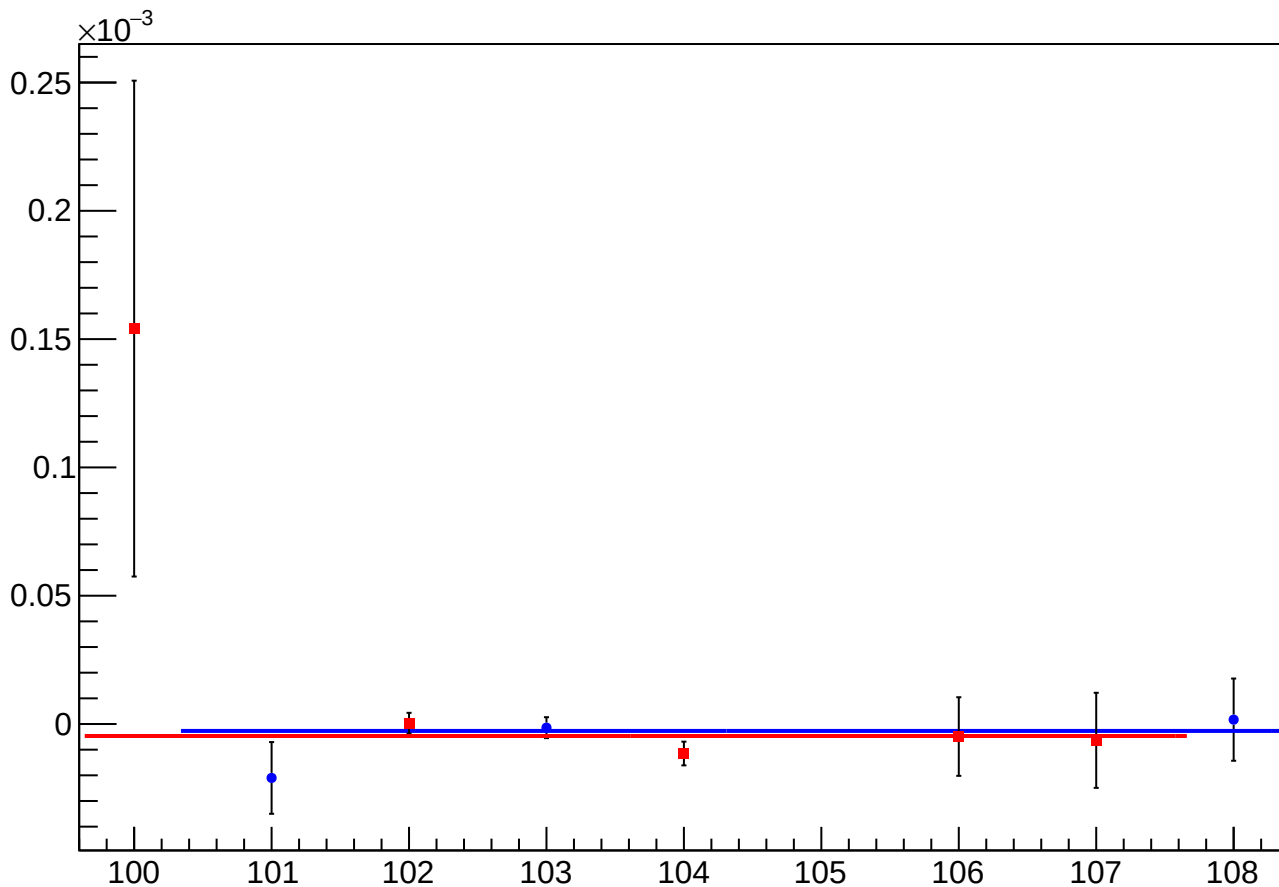
Right: 137.420+/-0.080 χ^2/NDF : 2958882.2/7

In: 179.798+/-0.129 χ^2/NDF : 1124828.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.420+/-0.080 χ^2/NDF : 2958882.2/7

asym_atr_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

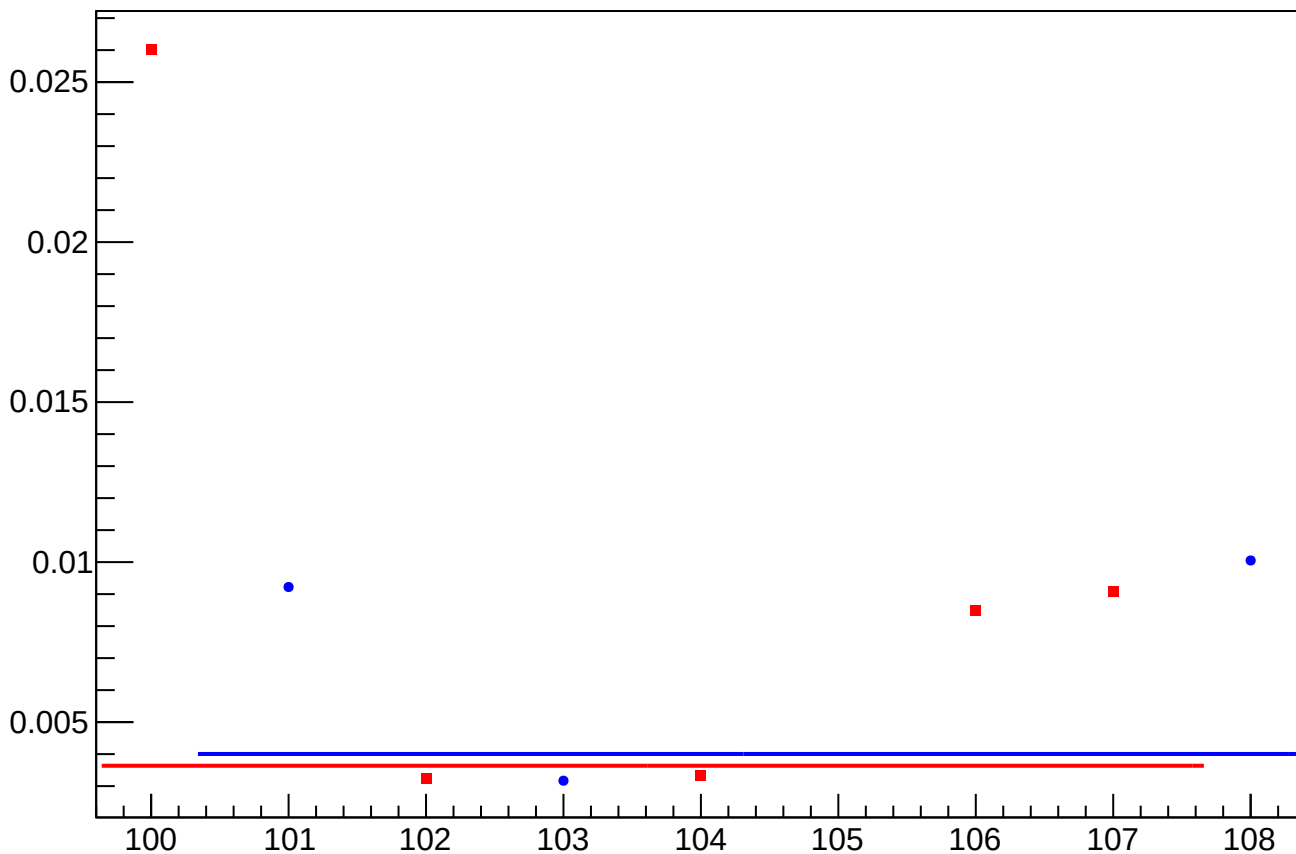
Right: -0.000+/-0.000 χ^2/NDF : 8.5/7

In: -0.000+/-0.000 χ^2/NDF : 1.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.5/7

asym_atr_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 647510.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 508644.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

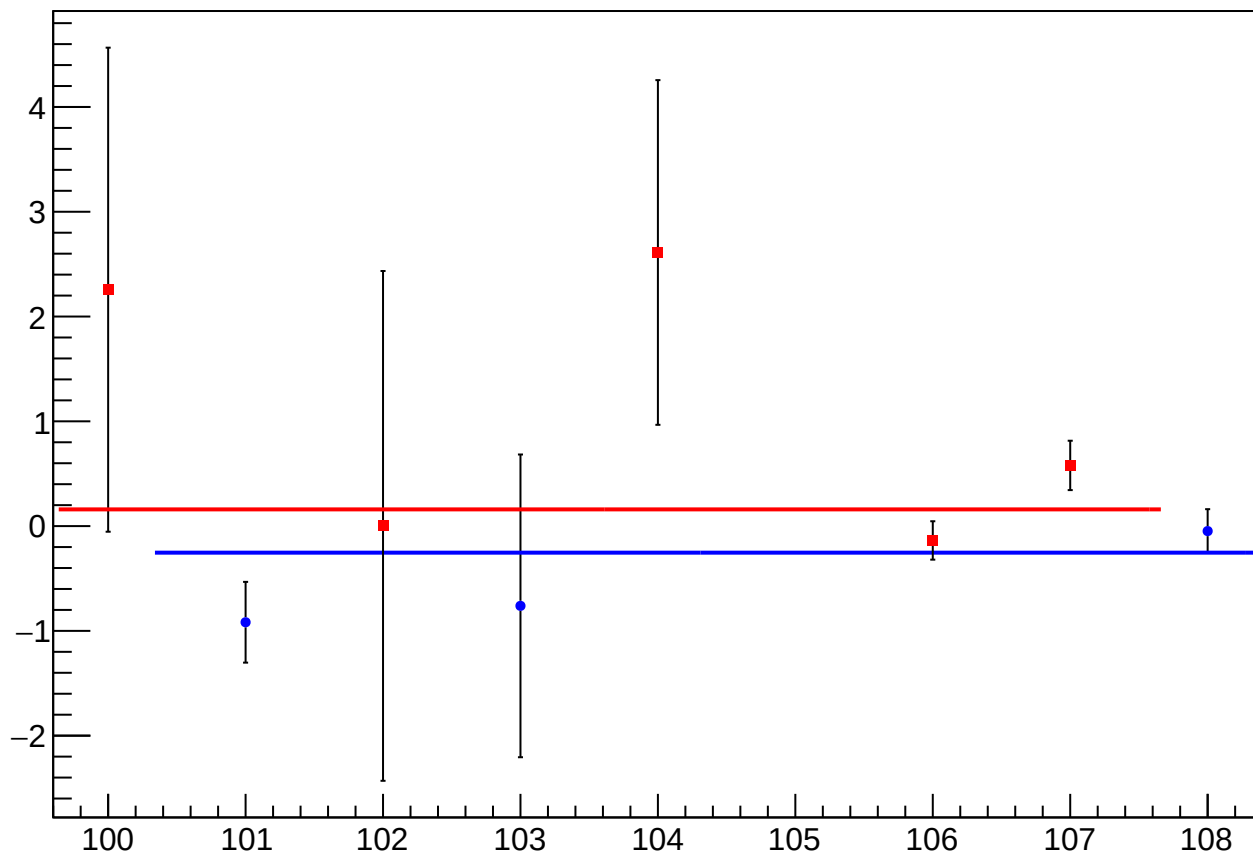
Right: 0.004+/-0.000 χ^2/NDF : 1167868.3/7

In: 0.004+/-0.000 χ^2/NDF : 647510.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 1167868.3/7

asym_atr_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.253 ± 0.182 χ^2/NDF : 4.1/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.160 ± 0.144 χ^2/NDF : 8.8/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

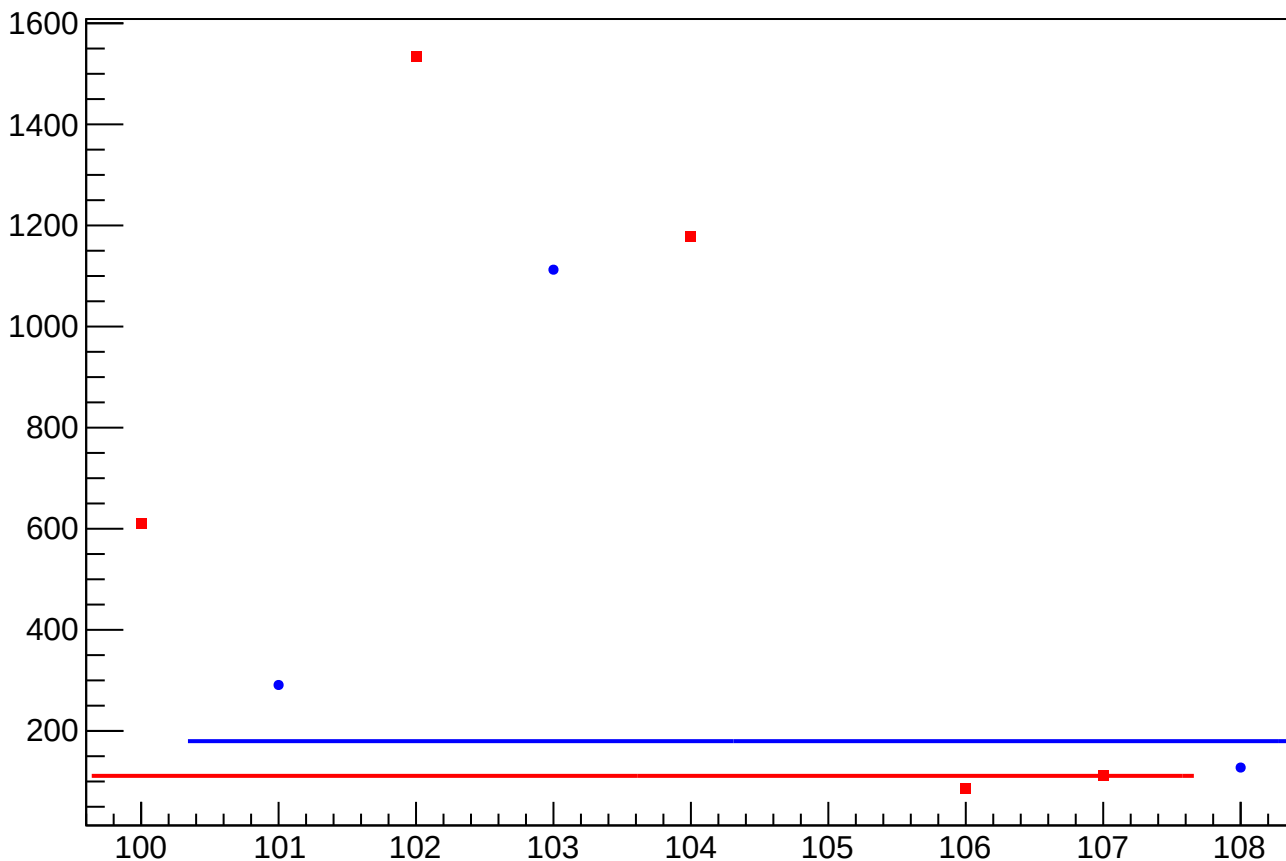
Right: 0.001 ± 0.113 χ^2/NDF : 16.1/7

In: -0.253 ± 0.182 χ^2/NDF : 4.1/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.001 ± 0.113 χ^2/NDF : 16.1/7

asym_atr_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 179.798+/-0.129 χ^2/NDF : 1124834.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.146+/-0.101 χ^2/NDF : 1658923.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

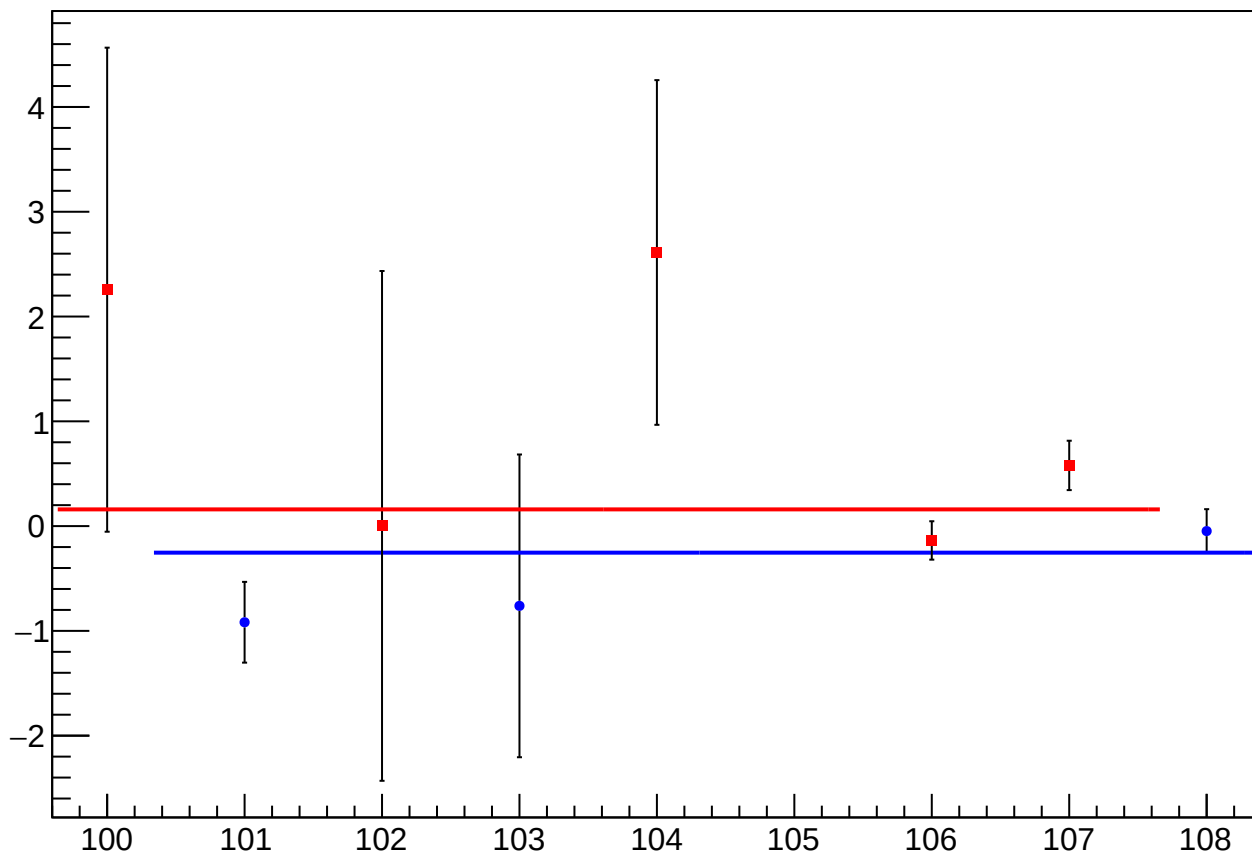
Right: 137.420+/-0.080 χ^2/NDF : 2958884.9/7

In: 179.798+/-0.129 χ^2/NDF : 1124834.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.420+/-0.080 χ^2/NDF : 2958884.9/7

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.253 ± 0.182 χ^2/NDF : 4.1/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.160 ± 0.144 χ^2/NDF : 8.8/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

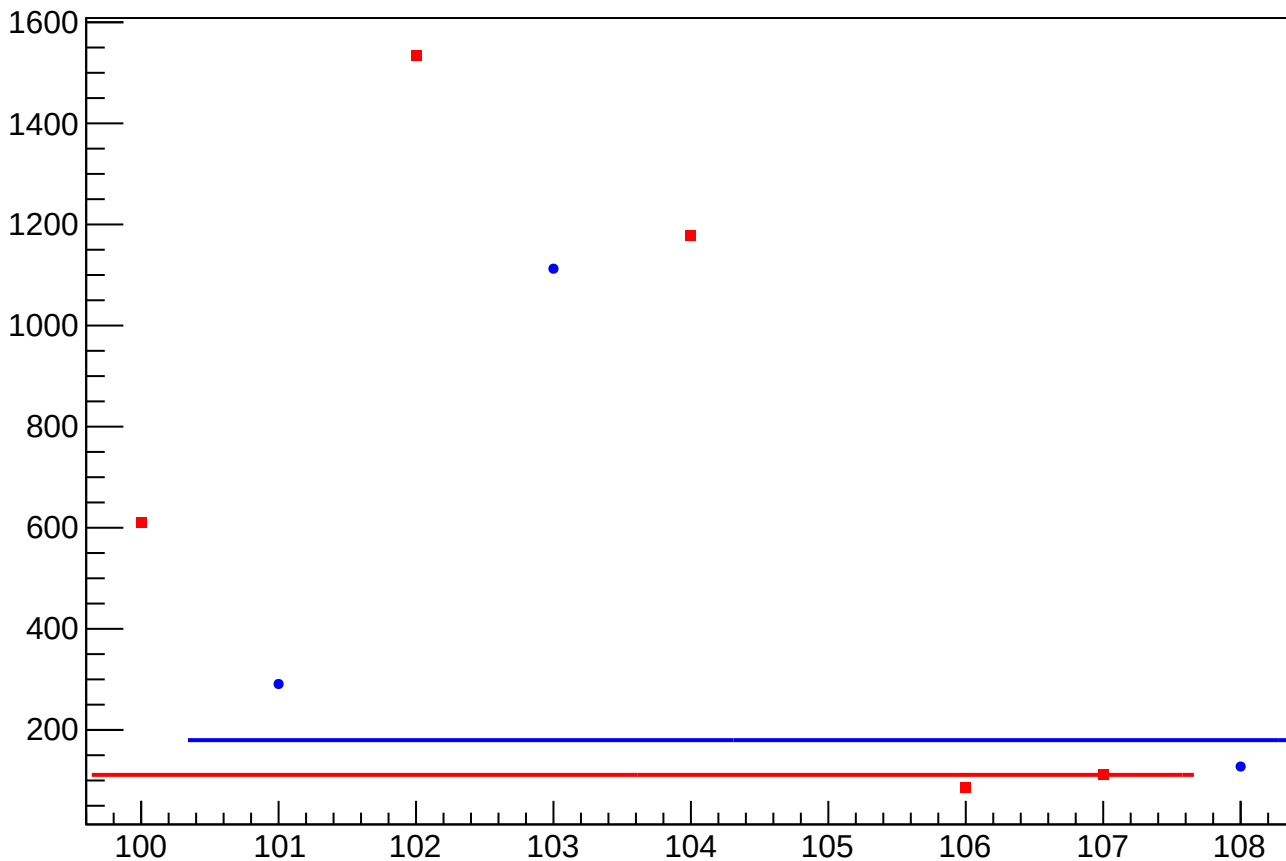
Right: 0.001 ± 0.113 χ^2/NDF : 16.1/7

In: -0.253 ± 0.182 χ^2/NDF : 4.1/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.001 ± 0.113 χ^2/NDF : 16.1/7

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 179.798+/-0.129 χ^2/NDF : 1124834.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.146+/-0.101 χ^2/NDF : 1658923.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

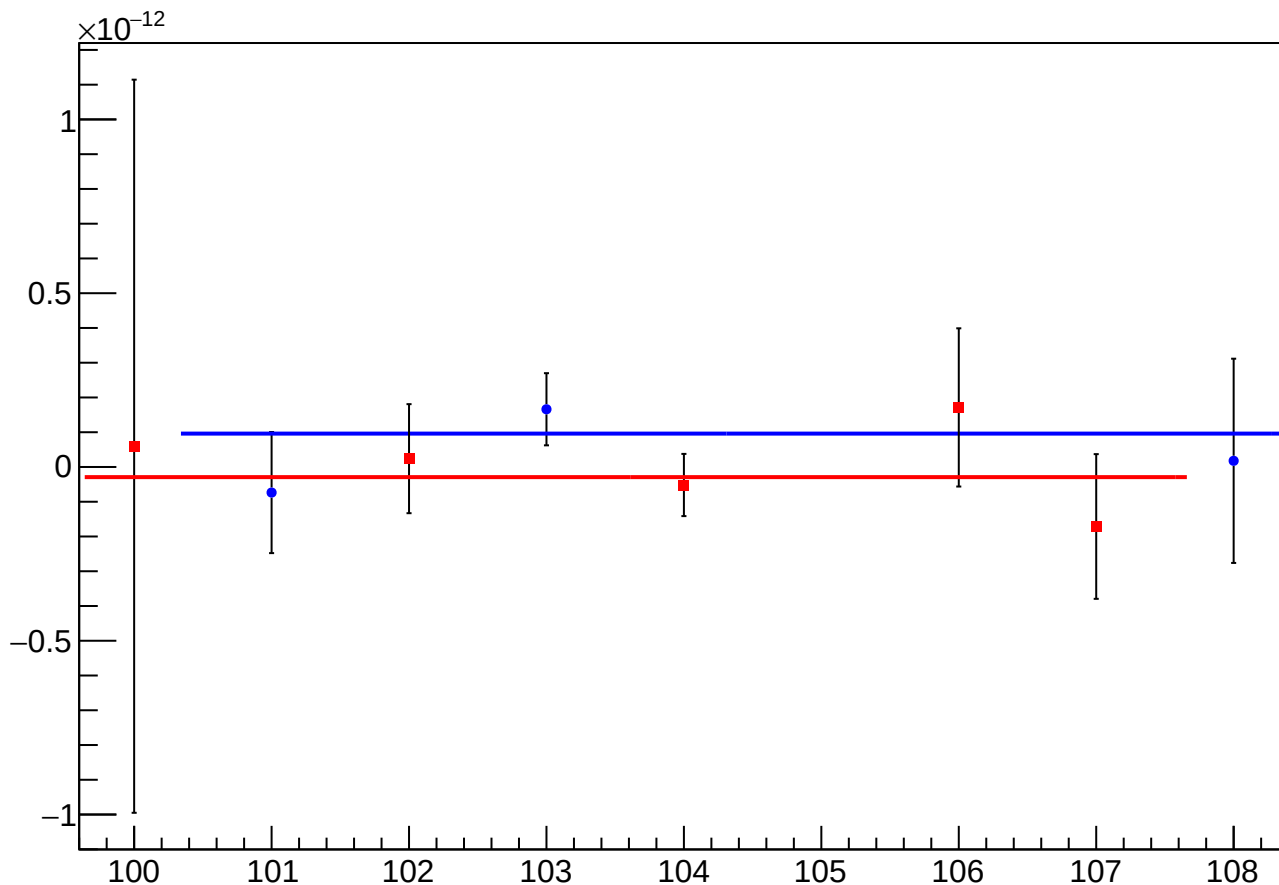
Right: 137.420+/-0.080 χ^2/NDF : 2958884.9/7

In: 179.798+/-0.129 χ^2/NDF : 1124834.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.420+/-0.080 χ^2/NDF : 2958884.9/7

asym_atr_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

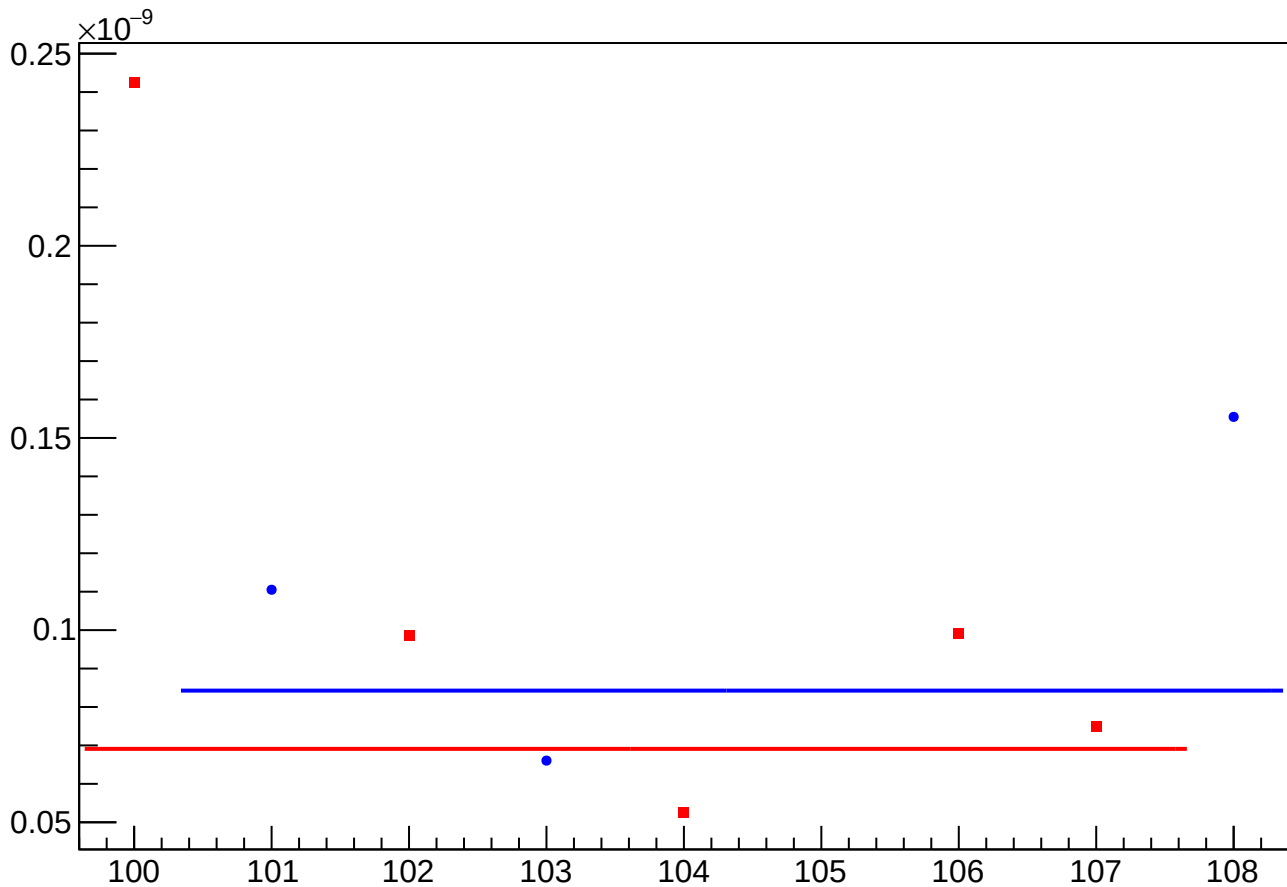
Right: 0.000+/-0.000 χ^2/NDF : 4.2/7

In: 0.000+/-0.000 χ^2/NDF : 1.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.2/7

asym_atr_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 224479.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 229669.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

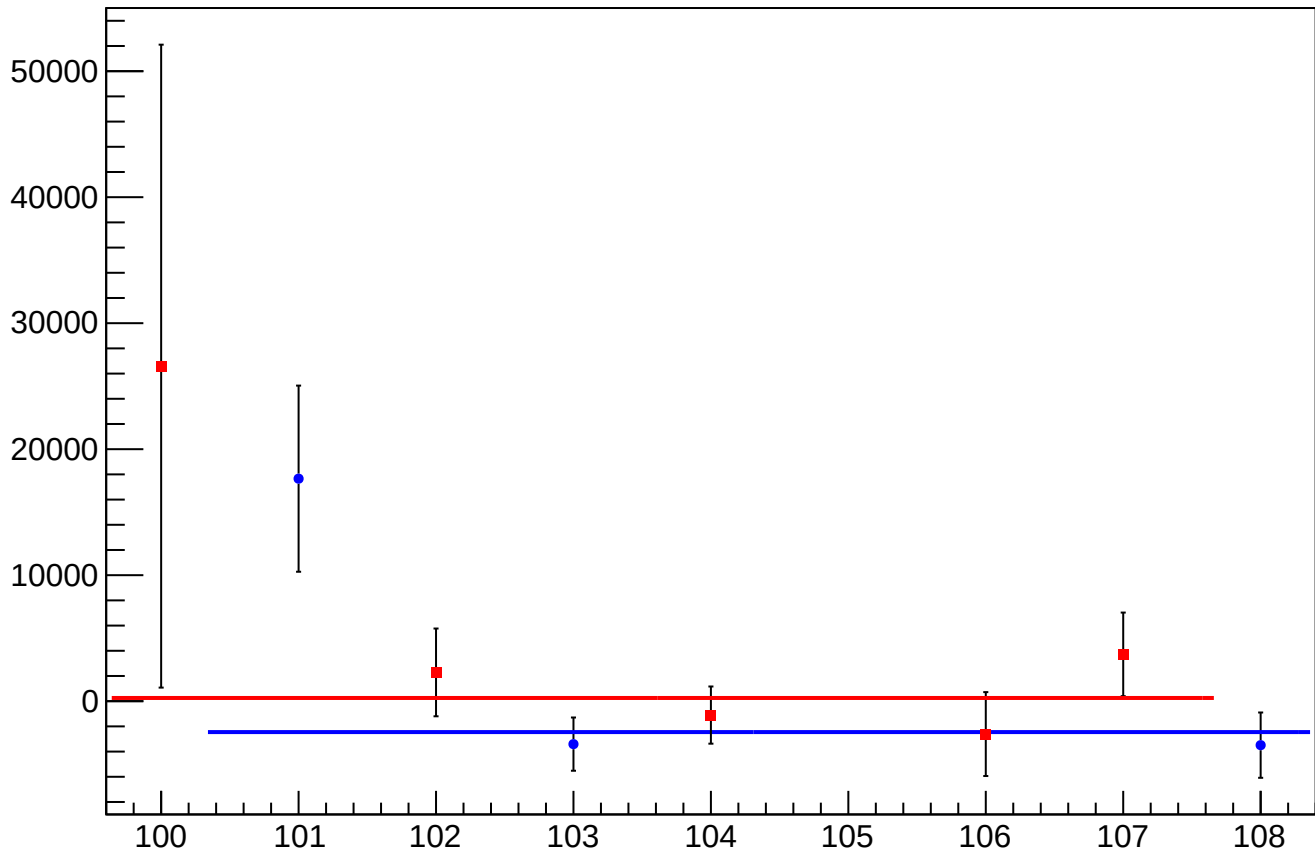
Right: 0.000+/-0.000 χ^2/NDF : 492210.0/7

In: 0.000+/-0.000 χ^2/NDF : 224479.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 492210.0/7

reg_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2452.238+/-1598.644 χ^2/NDF : 7.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 254.921+/-1475.443 χ^2/NDF : 3.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

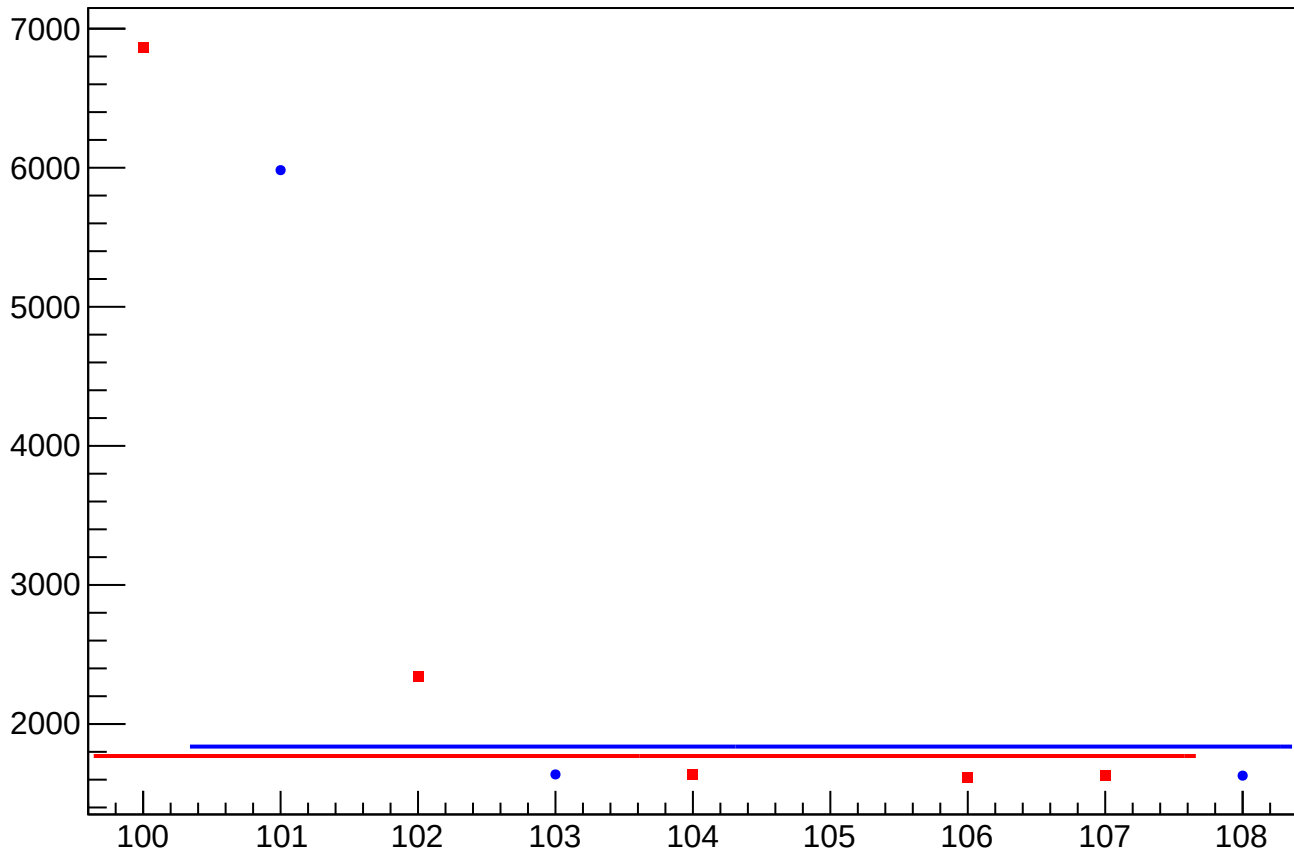
Right: -990.337+/-1084.238 χ^2/NDF : 12.9/7

In: -2452.238+/-1598.644 χ^2/NDF : 7.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -990.337+/-1084.238 χ^2/NDF : 12.9/7

reg_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1837.845+/-1.130 χ^2/NDF : 660643.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1770.031+/-1.028 χ^2/NDF : 150045.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

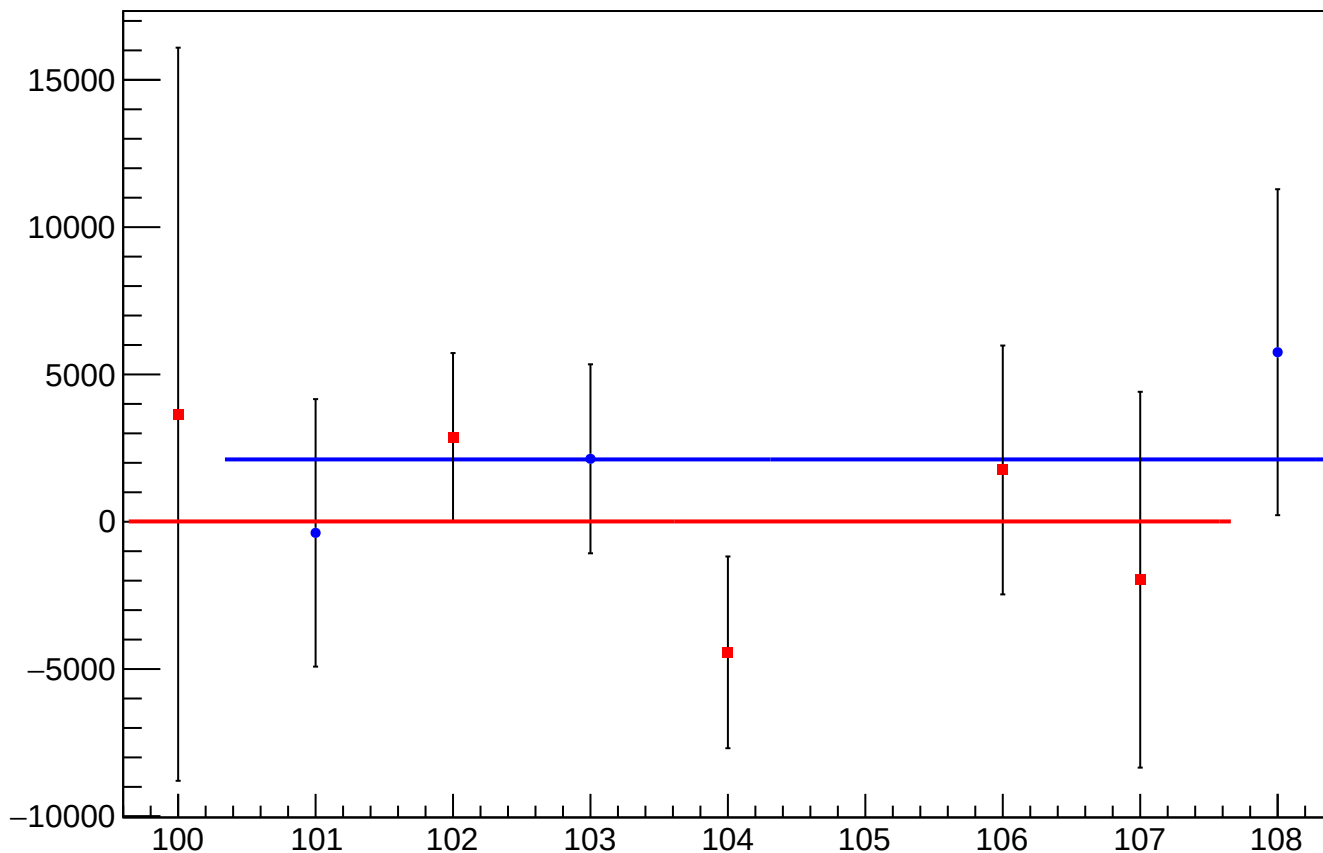
Right: 1800.727+/-0.761 χ^2/NDF : 812658.3/7

In: 1837.845+/-1.130 χ^2/NDF : 660643.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1800.727+/-0.761 χ^2/NDF : 812658.3/7

asym_atr_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 2115.568 $\pm$ 2367.913 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.154 $\pm$ 1816.092 χ^2 /NDF: 3.2/4

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

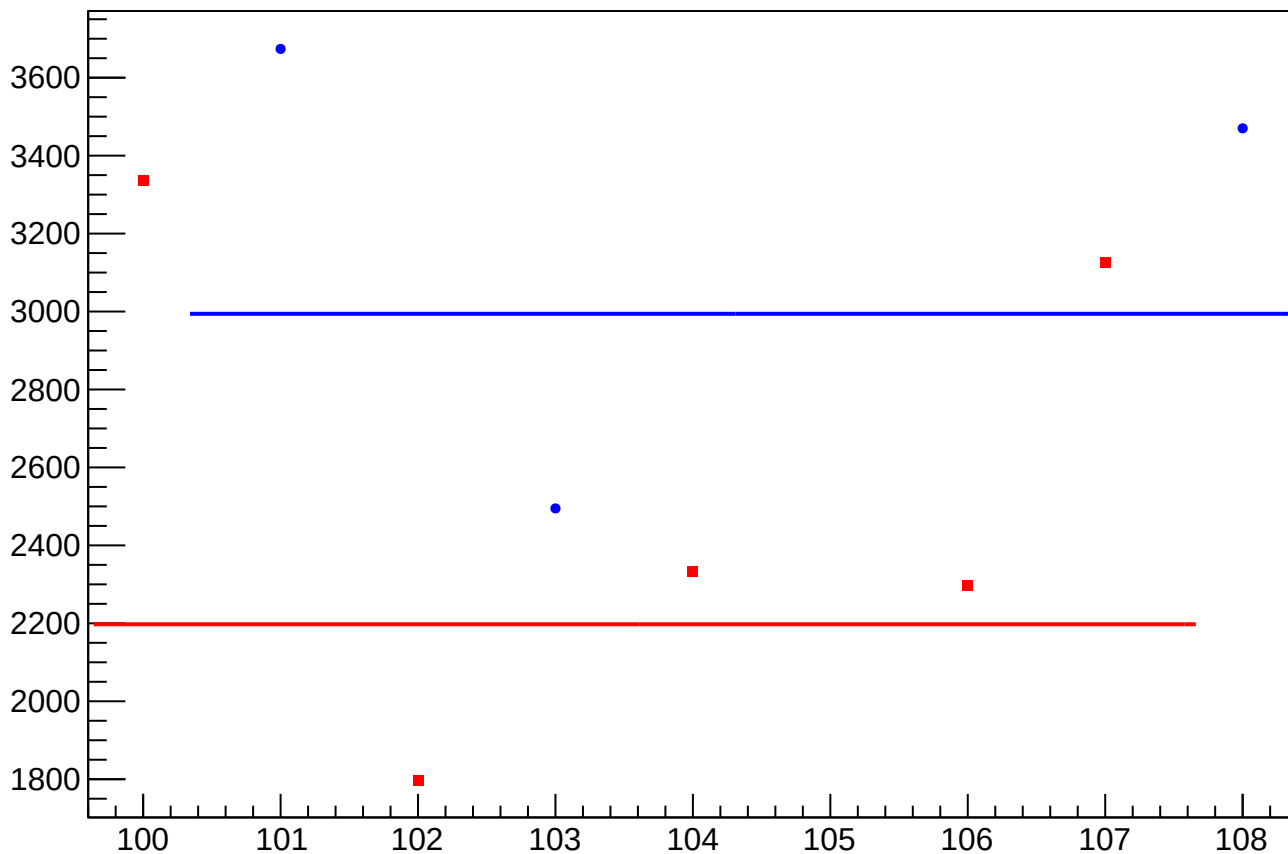
Right: 789.929 $\pm$ 1441.059 χ^2 /NDF: 4.4/7

In: 2115.568 $\pm$ 2367.913 χ^2 /NDF: 0.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 789.929 $\pm$ 1441.059 χ^2 /NDF: 4.4/7

asym_atr_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2994.172+/-1.674 χ^2/NDF : 108066.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2197.594+/-1.284 χ^2/NDF : 102573.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

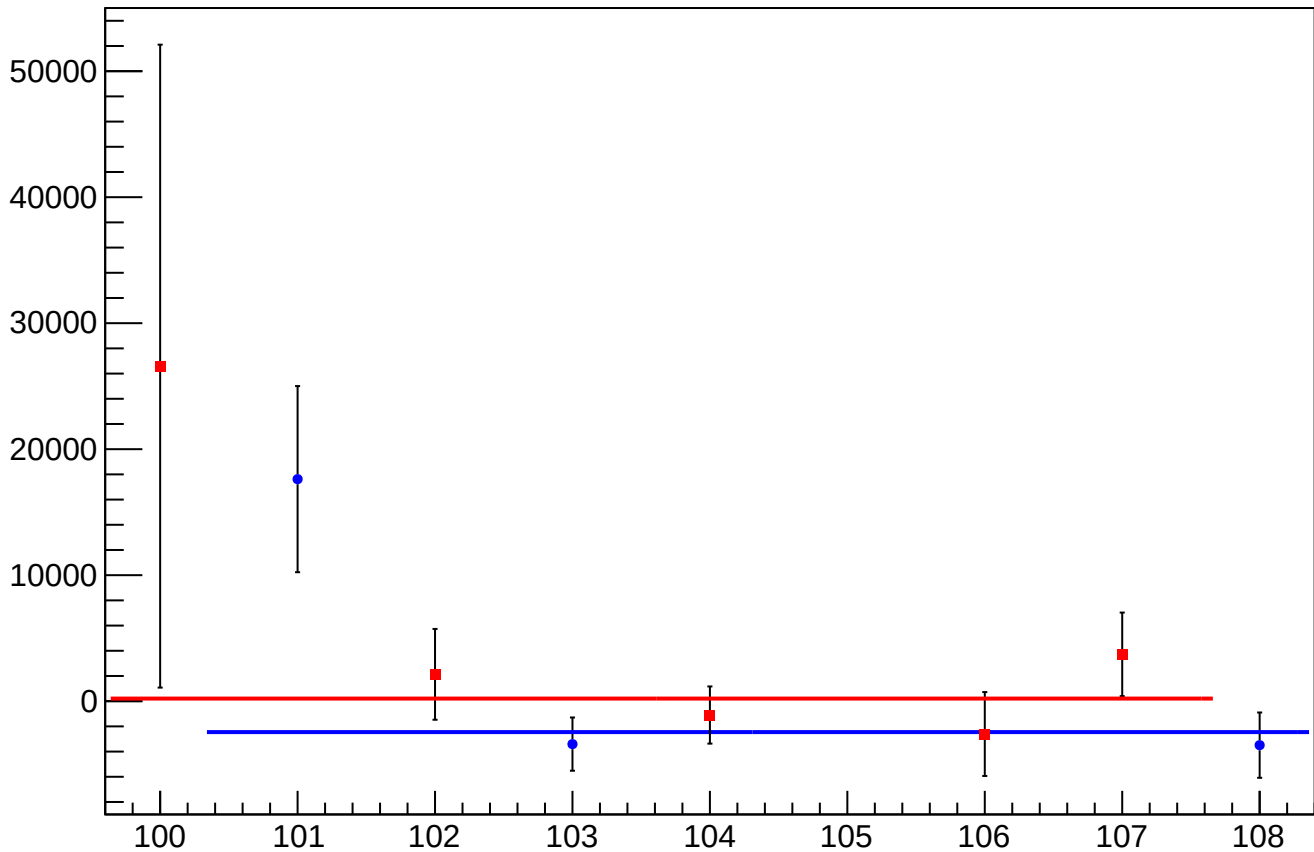
Right: 2492.620+/-1.019 χ^2/NDF : 353149.1/7

In: 2994.172+/-1.674 χ^2/NDF : 108066.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2492.620+/-1.019 χ^2/NDF : 353149.1/7

cor_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2453.762+/-1598.645 χ^2/NDF : 7.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 206.850+/-1484.277 χ^2/NDF : 3.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

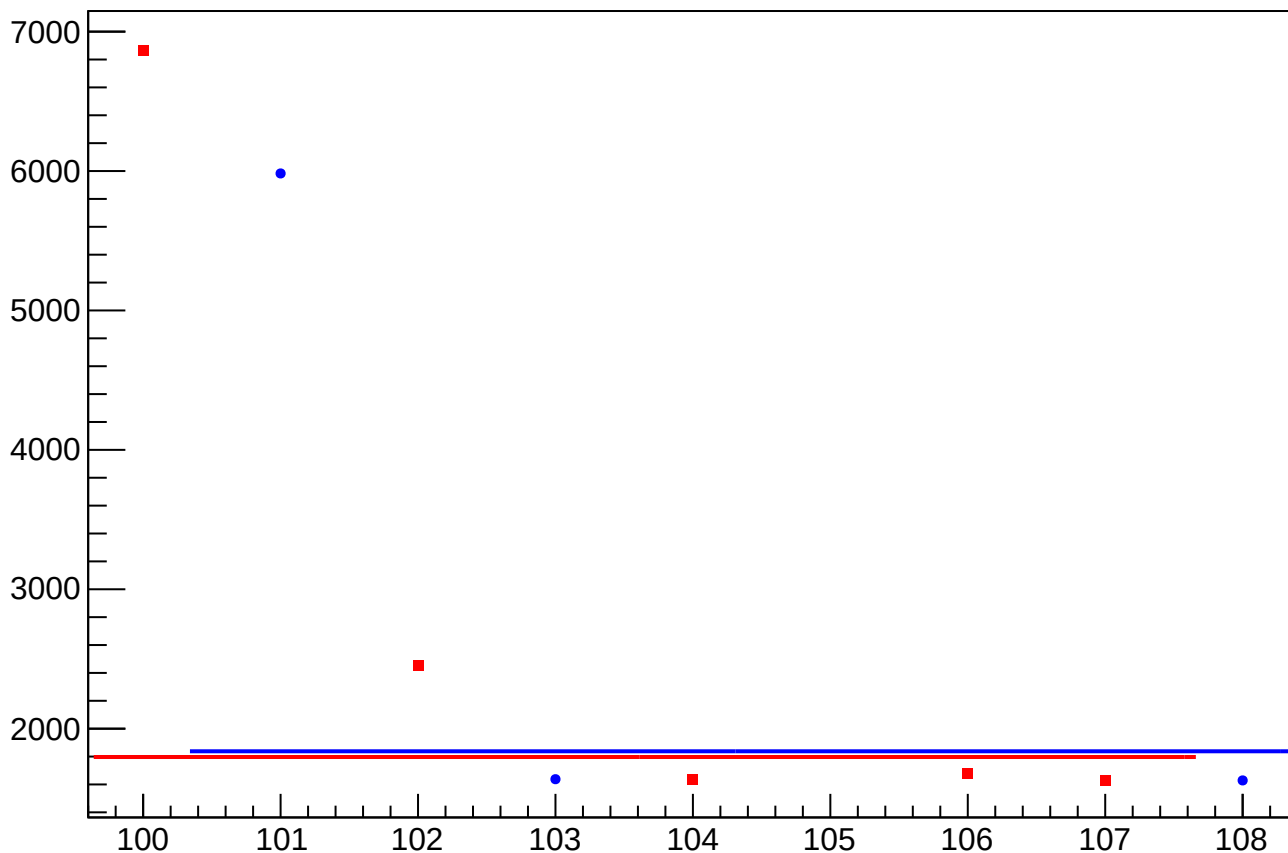
Right: -1024.891+/-1087.729 χ^2/NDF : 12.8/7

In: -2453.762+/-1598.645 χ^2/NDF : 7.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1024.891+/-1087.729 χ^2/NDF : 12.8/7

cor_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1837.844+/-1.130 χ^2/NDF : 660643.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1796.844+/-1.042 χ^2/NDF : 163900.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

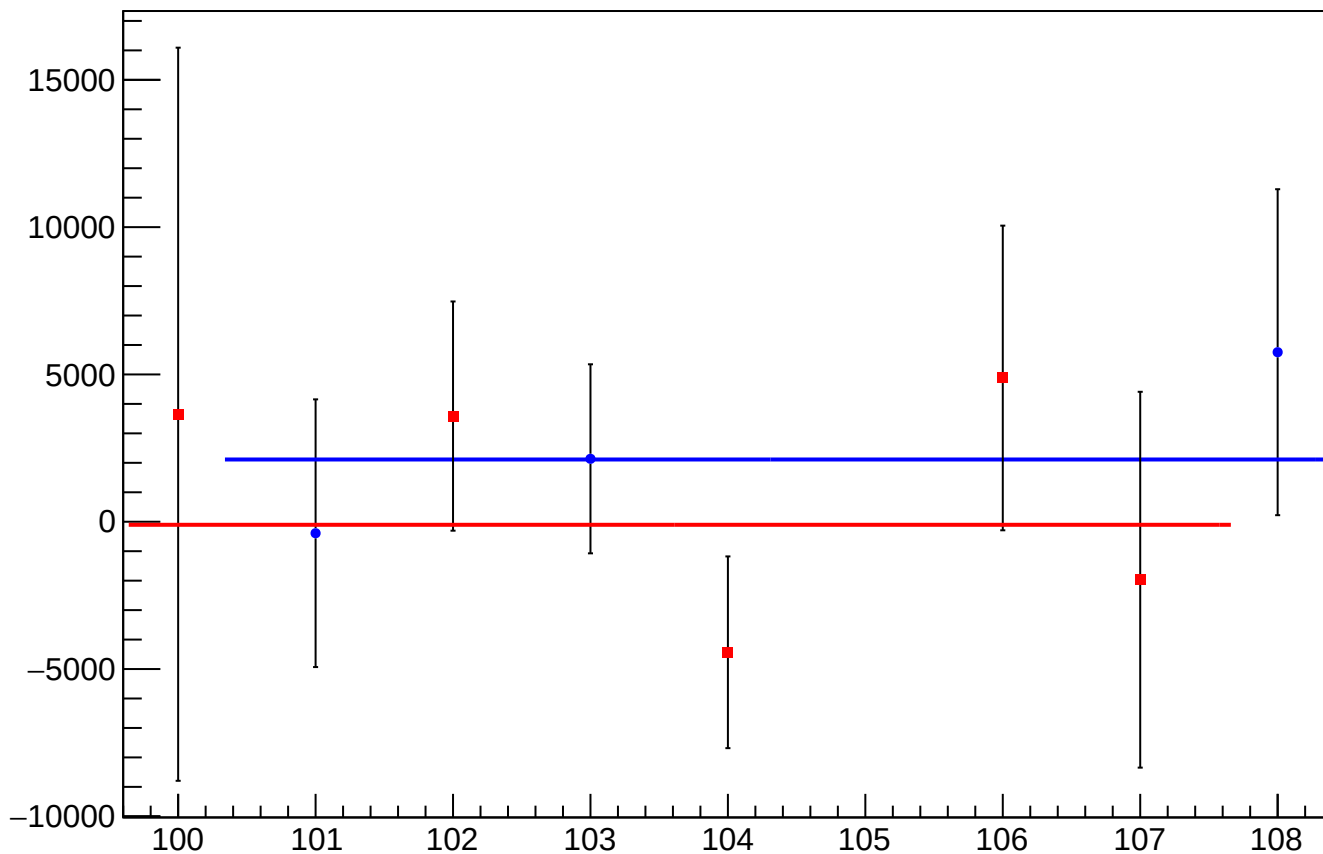
Right: 1815.685+/-0.766 χ^2/NDF : 825254.6/7

In: 1837.844+/-1.130 χ^2/NDF : 660643.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1815.685+/-0.766 χ^2/NDF : 825254.6/7

asym_atr_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 2113.016+/-2368.626 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -103.756+/-2089.964 χ^2/NDF : 3.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

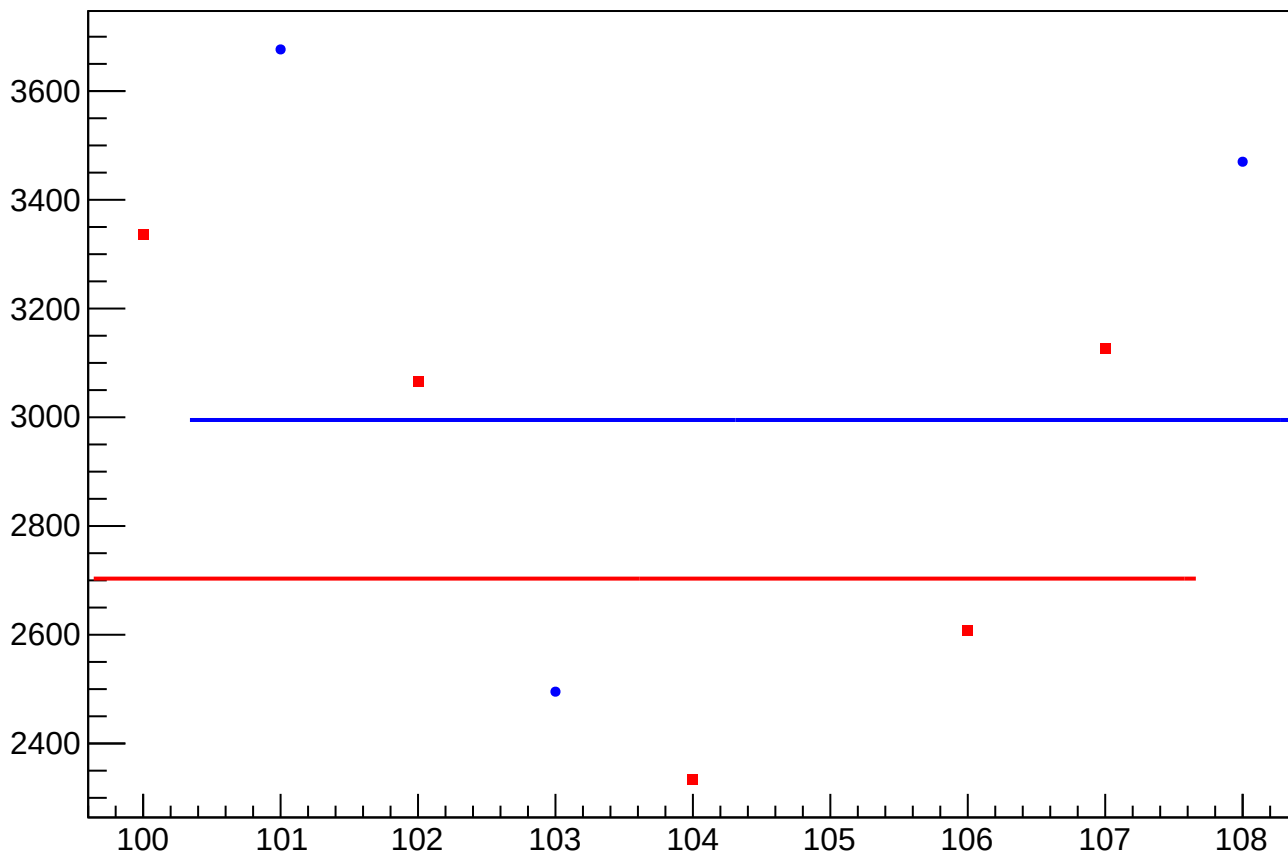
Right: 866.621+/-1567.134 χ^2/NDF : 5.0/7

In: 2113.016+/-2368.626 χ^2/NDF : 0.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 866.621+/-1567.134 χ^2/NDF : 5.0/7

asym_atr_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2995.017+/-1.675 χ^2/NDF : 108264.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2703.270+/-1.478 χ^2/NDF : 57827.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

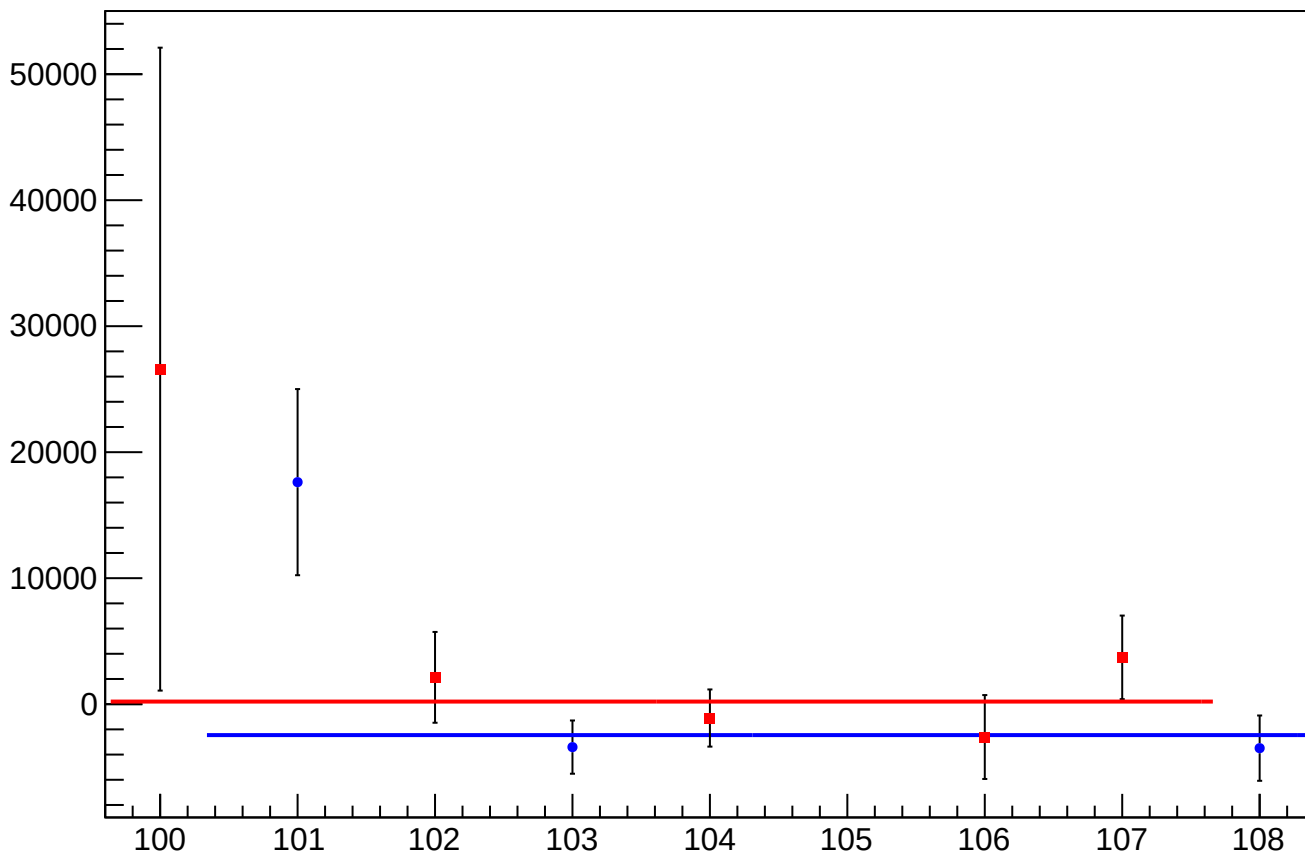
Right: 2830.981+/-1.108 χ^2/NDF : 183151.4/7

In: 2995.017+/-1.675 χ^2/NDF : 108264.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2830.981+/-1.108 χ^2/NDF : 183151.4/7

eigen_cor_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2453.762+/-1598.645 χ^2 /NDF: 7.7/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 206.850+/-1484.277 χ^2 /NDF: 3.5/4

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

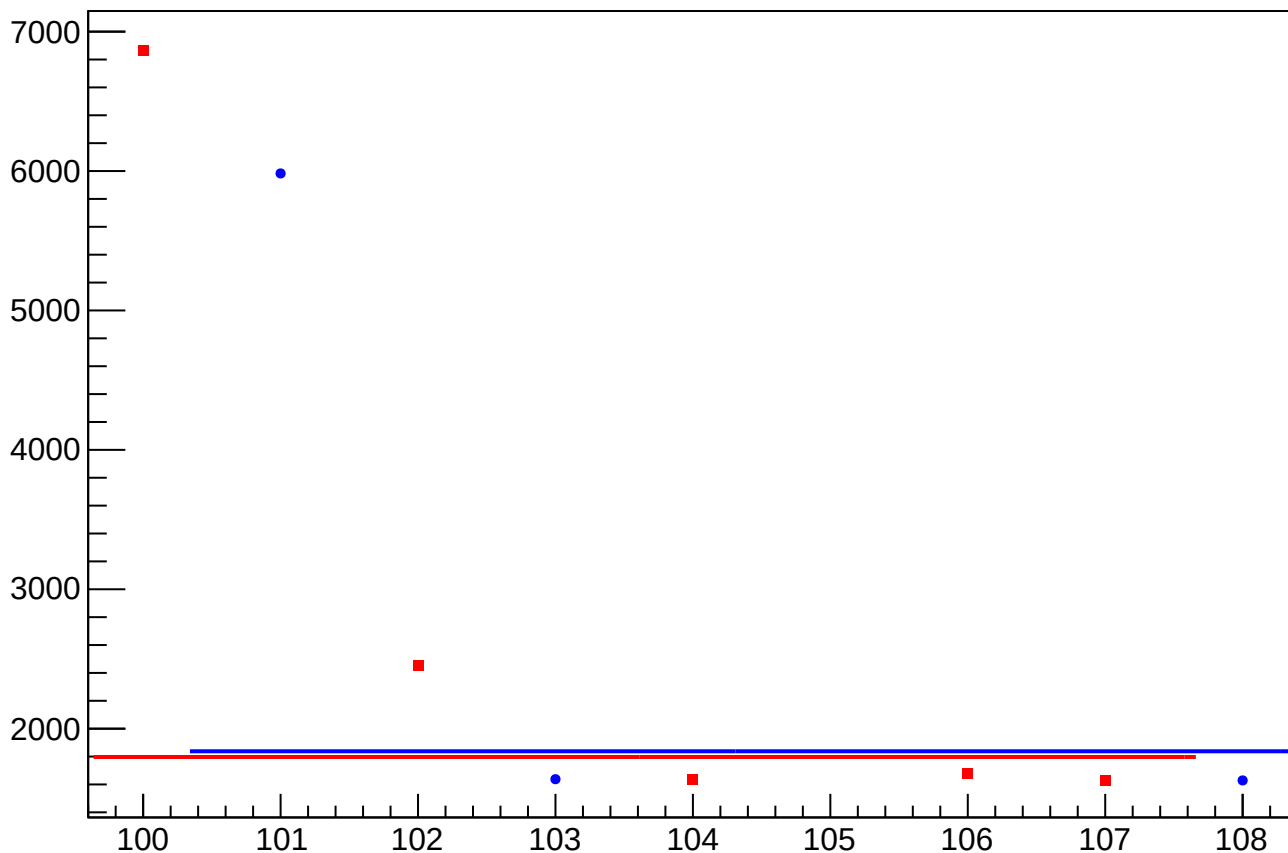
Right: -1024.891+/-1087.729 χ^2 /NDF: 12.8/7

In: -2453.762+/-1598.645 χ^2 /NDF: 7.7/2

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1024.891+/-1087.729 χ^2 /NDF: 12.8/7

eigen_cor_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1837.844+/-1.130 χ^2/NDF : 660643.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1796.844+/-1.042 χ^2/NDF : 163900.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

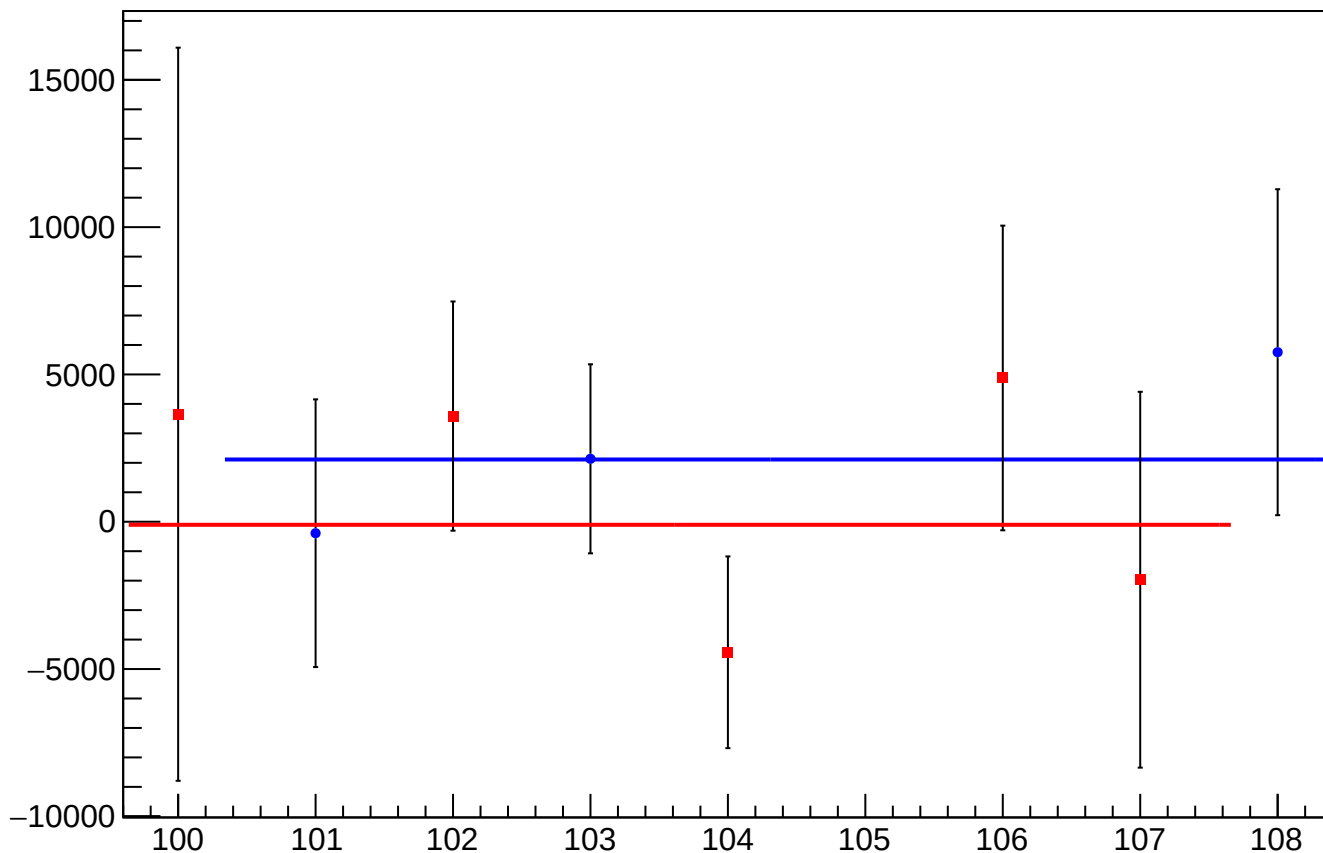
Right: 1815.685+/-0.766 χ^2/NDF : 825254.6/7

In: 1837.844+/-1.130 χ^2/NDF : 660643.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1815.685+/-0.766 χ^2/NDF : 825254.6/7

asym_atr_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2113.016 $\pm$ 2368.626 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -103.756 $\pm$ 2089.964 χ^2 /NDF: 3.8/4

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

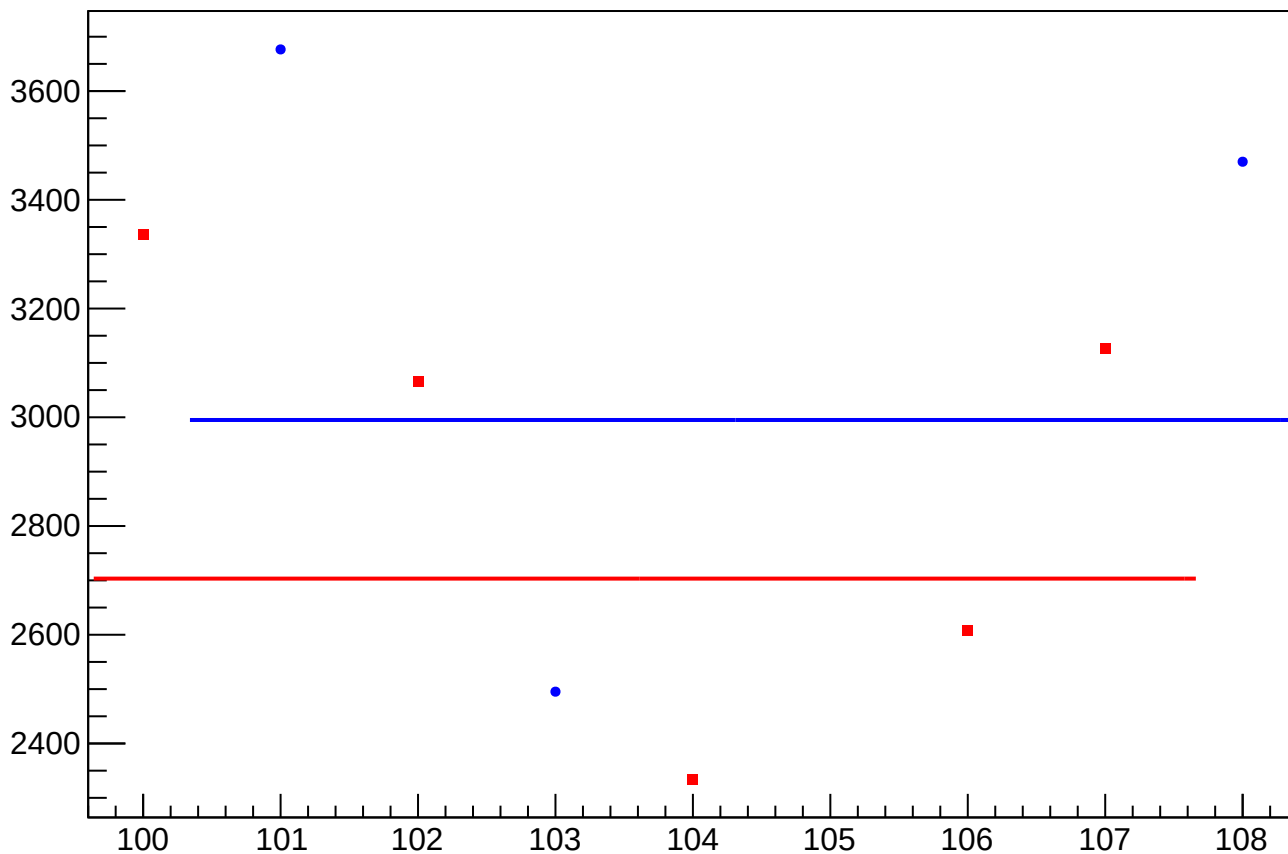
Right: 866.621 $\pm$ 1567.134 χ^2 /NDF: 5.0/7

In: 2113.016 $\pm$ 2368.626 χ^2 /NDF: 0.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 866.621 $\pm$ 1567.134 χ^2 /NDF: 5.0/7

asym_atr_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2995.017+/-1.675 χ^2/NDF : 108264.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2703.270+/-1.478 χ^2/NDF : 57827.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

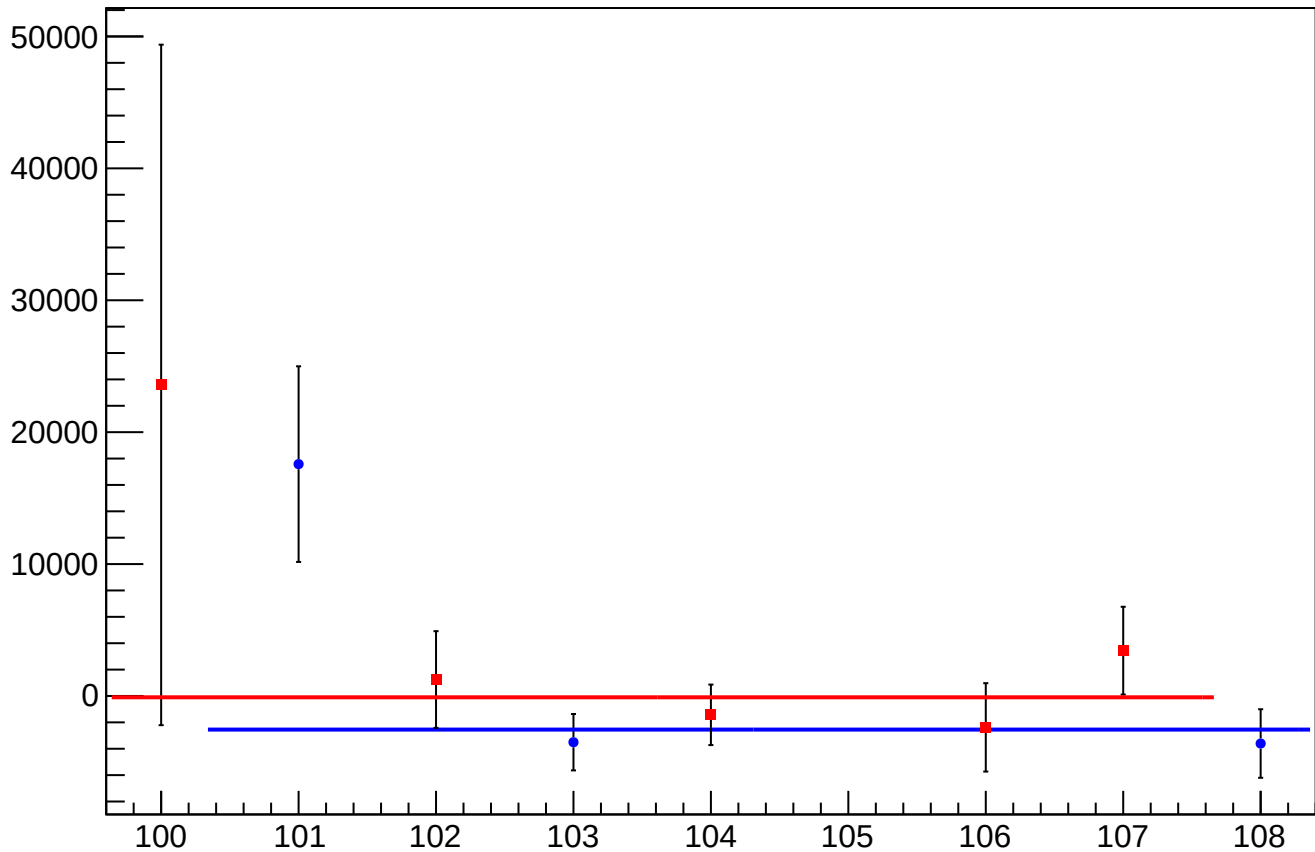
Right: 2830.981+/-1.108 χ^2/NDF : 183151.4/7

In: 2995.017+/-1.675 χ^2/NDF : 108264.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2830.981+/-1.108 χ^2/NDF : 183151.4/7

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2547.196+/-1611.388 χ^2/NDF : 7.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -100.057+/-1498.106 χ^2/NDF : 2.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

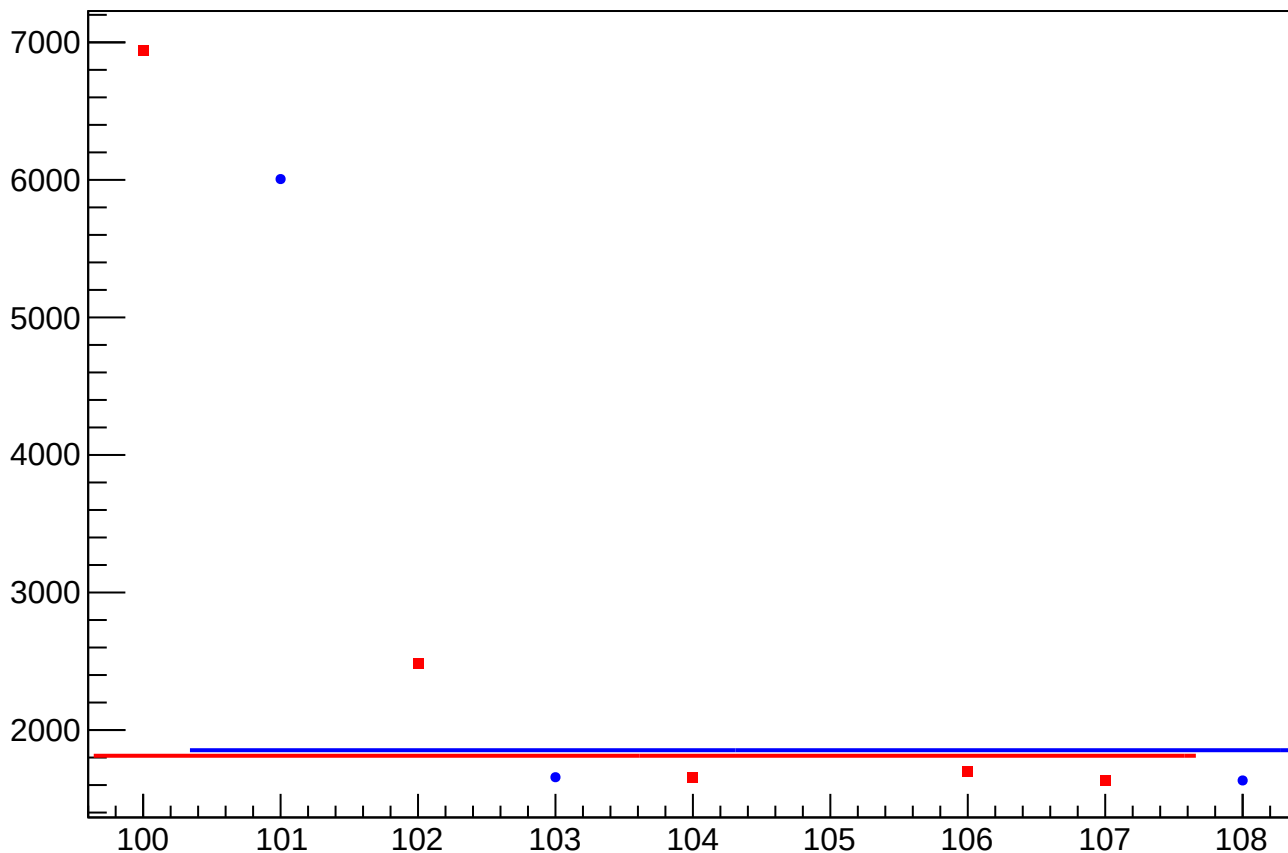
Right: -1234.592+/-1097.185 χ^2/NDF : 11.9/7

In: -2547.196+/-1611.388 χ^2/NDF : 7.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1234.592+/-1097.185 χ^2/NDF : 11.9/7

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1853.288+/-1.139 χ^2/NDF : 658259.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1813.021+/-1.054 χ^2/NDF : 163977.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

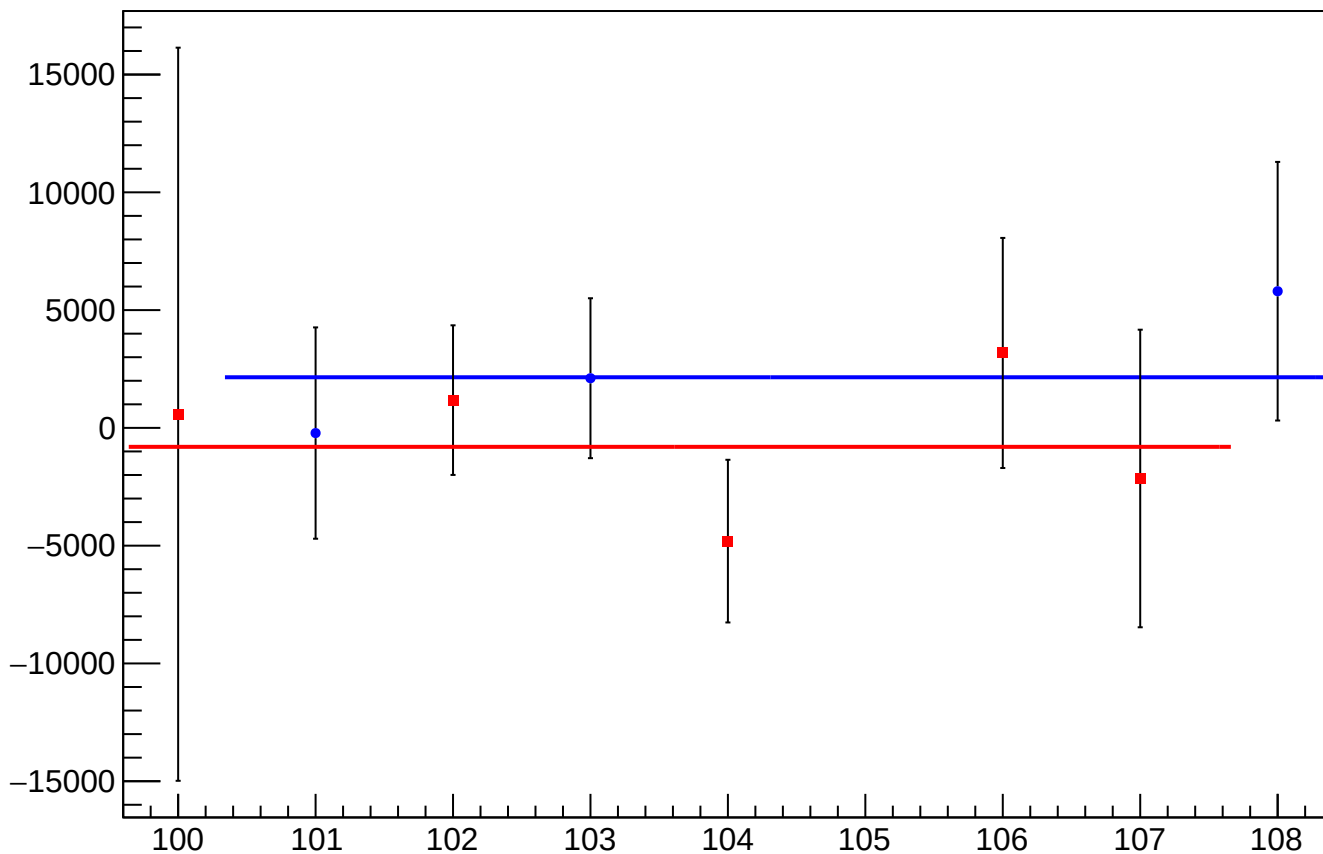
Right: 1831.595+/-0.774 χ^2/NDF : 822909.3/7

In: 1853.288+/-1.139 χ^2/NDF : 658259.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1831.595+/-0.774 χ^2/NDF : 822909.3/7

asym_atr_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 2148.885+/-2427.730 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -804.722+/-1983.607 χ^2/NDF : 2.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

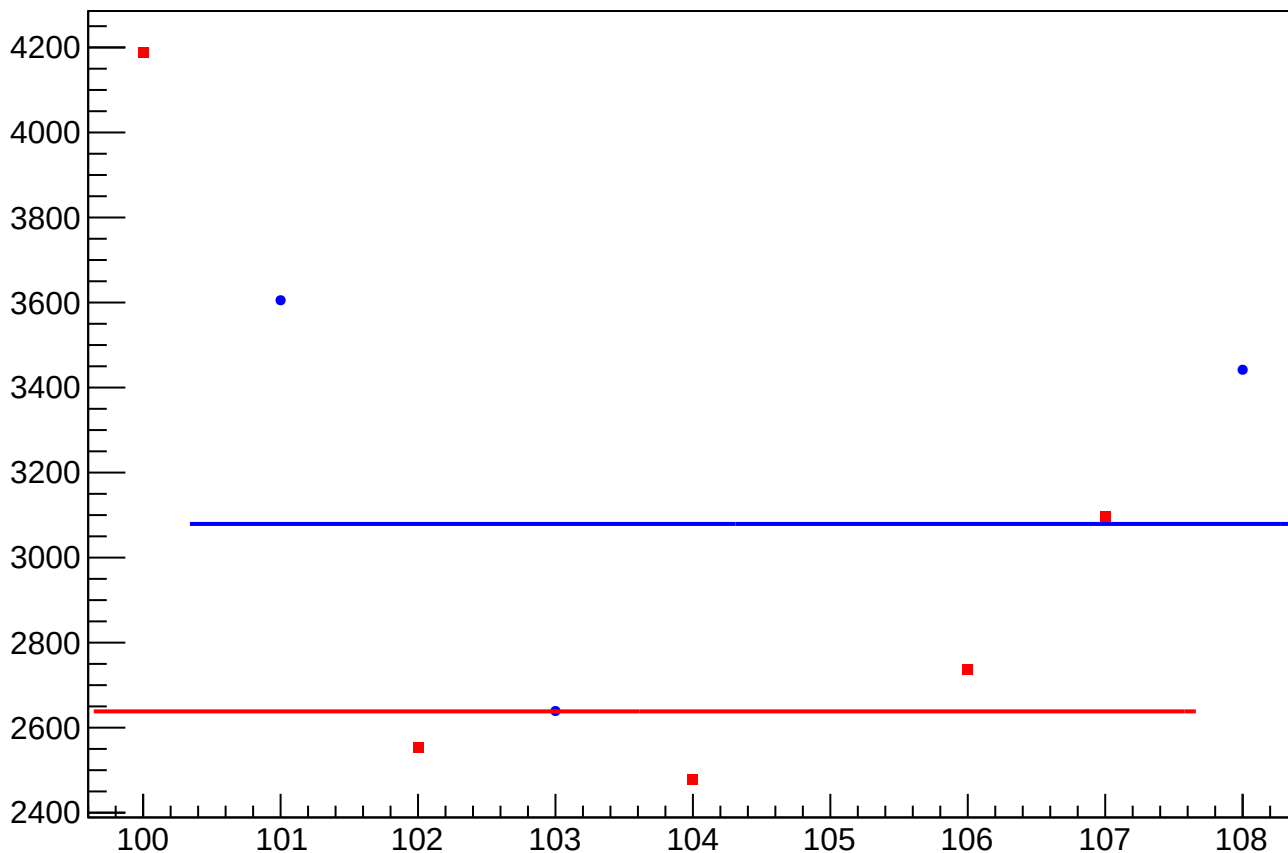
Right: 377.703+/-1536.070 χ^2/NDF : 4.1/7

In: 2148.885+/-2427.730 χ^2/NDF : 0.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 377.703+/-1536.070 χ^2/NDF : 4.1/7

asym_atr_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3079.192+/-1.717 χ^2/NDF : 69852.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2638.296+/-1.403 χ^2/NDF : 36981.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

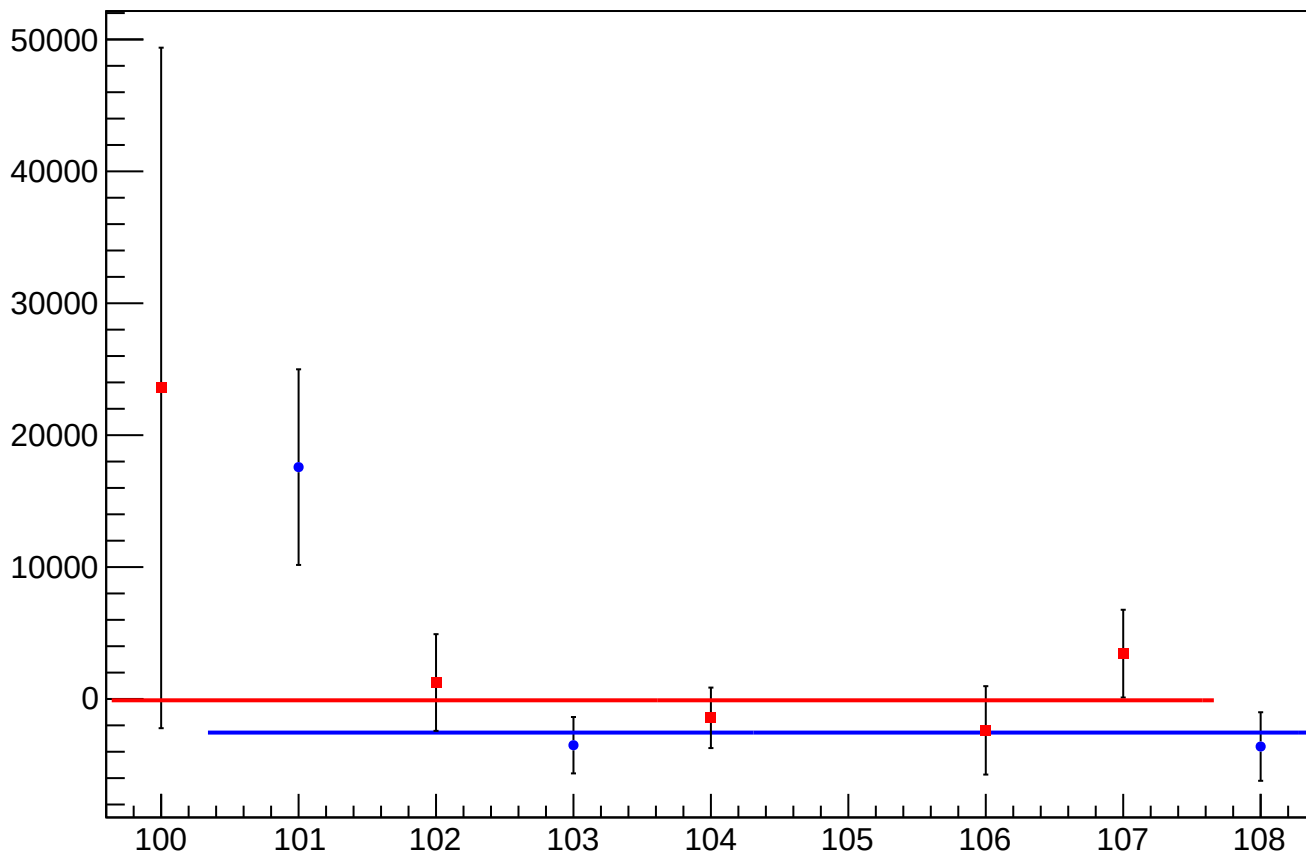
Right: 2814.801+/-1.086 χ^2/NDF : 146390.0/7

In: 3079.192+/-1.717 χ^2/NDF : 69852.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2814.801+/-1.086 χ^2/NDF : 146390.0/7

eigen_dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2547.194+/-1611.388 χ^2/NDF : 7.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -100.059+/-1498.106 χ^2/NDF : 2.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

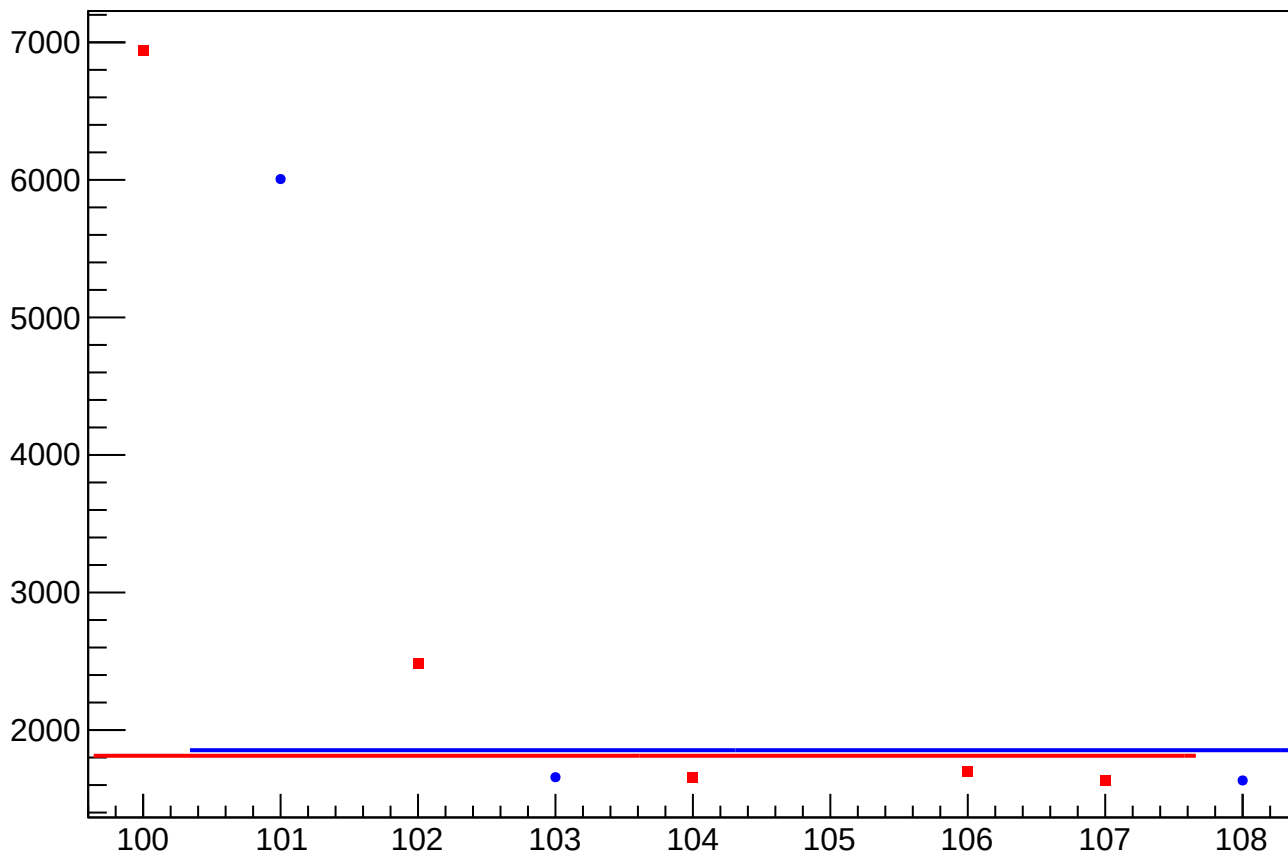
Right: -1234.593+/-1097.185 χ^2/NDF : 11.9/7

In: -2547.194+/-1611.388 χ^2/NDF : 7.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1234.593+/-1097.185 χ^2/NDF : 11.9/7

eigen_dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1853.288+/-1.139 χ^2/NDF : 658259.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1813.021+/-1.054 χ^2/NDF : 163977.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

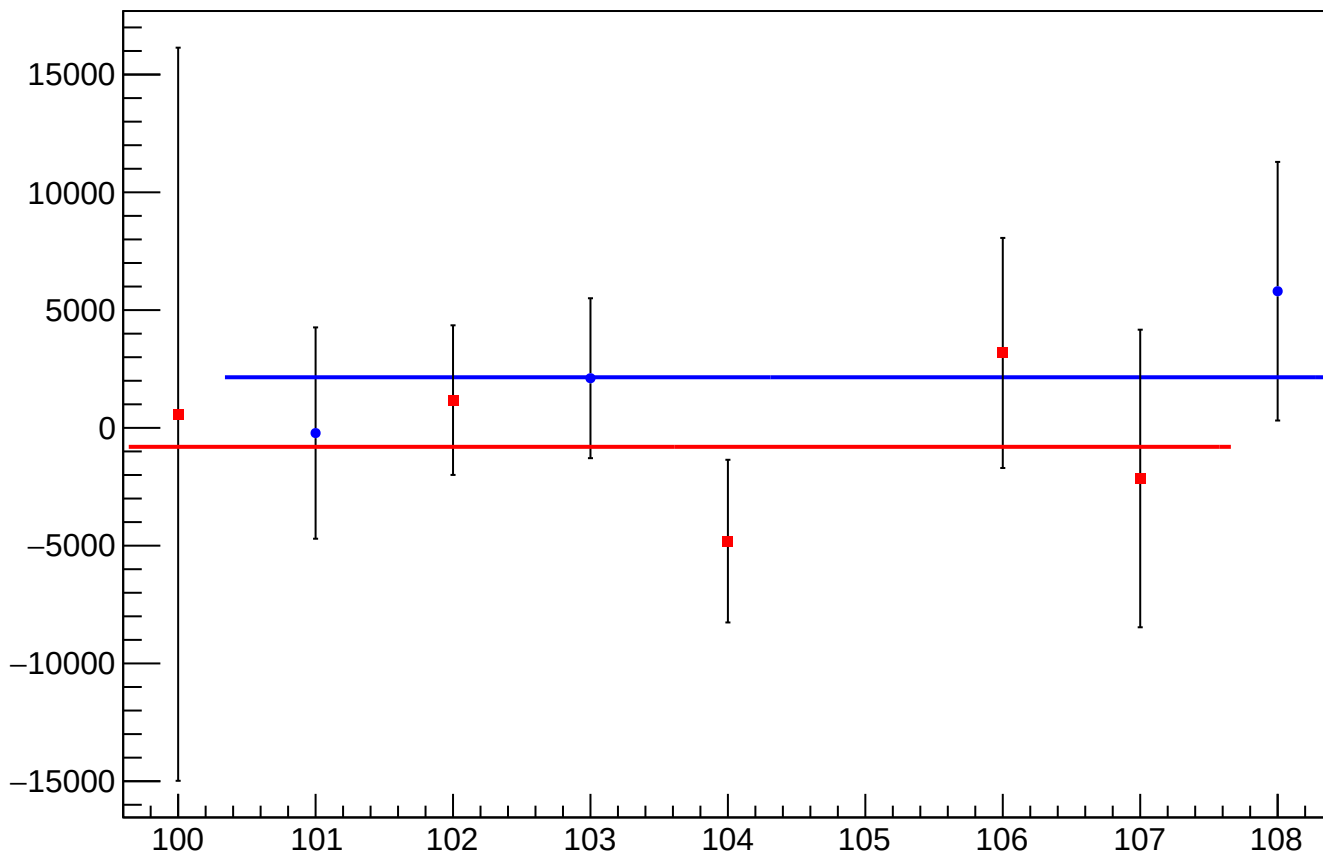
Right: 1831.595+/-0.774 χ^2/NDF : 822909.3/7

In: 1853.288+/-1.139 χ^2/NDF : 658259.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1831.595+/-0.774 χ^2/NDF : 822909.3/7

asym_atr_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 2148.891 $\pm$ 2427.730 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -804.726 $\pm$ 1983.606 χ^2 /NDF: 2.5/4

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

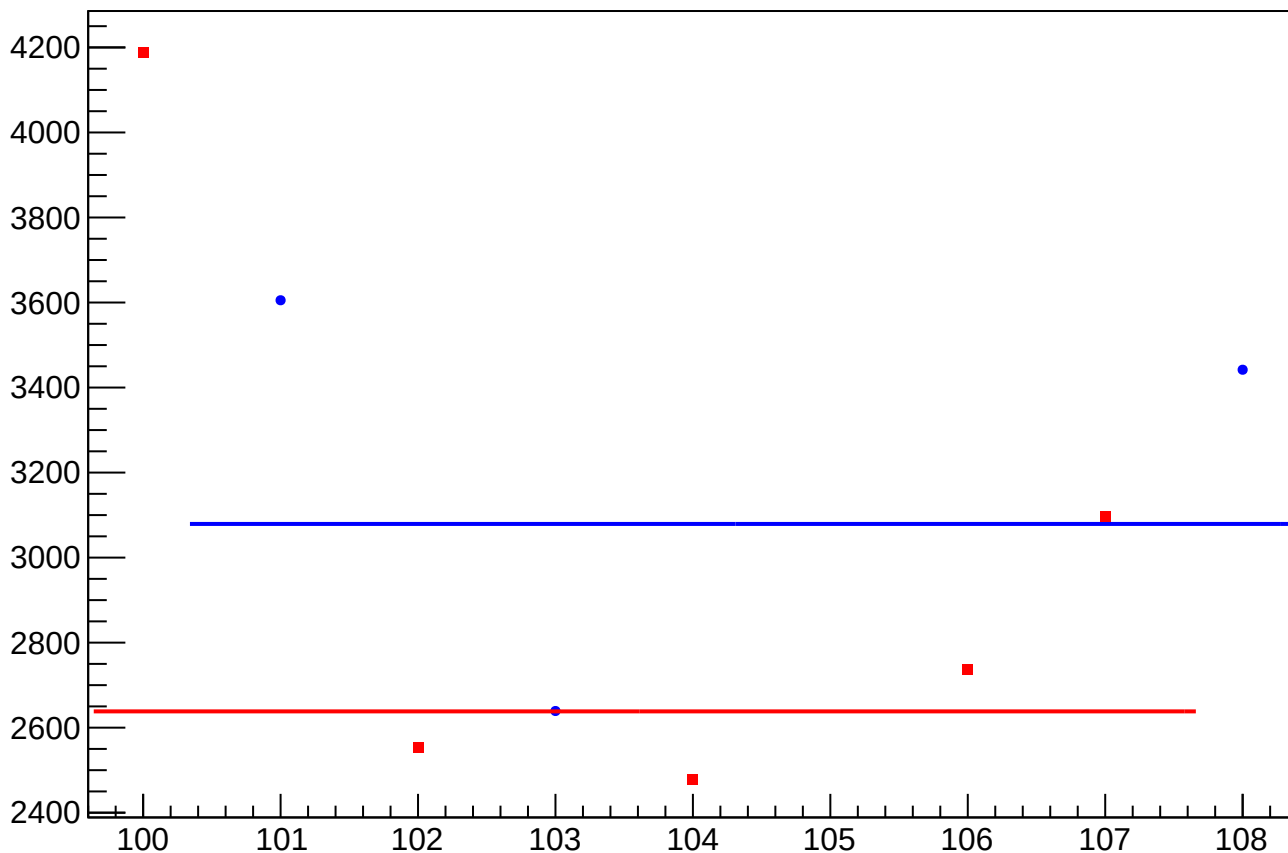
Right: 377.702 $\pm$ 1536.069 χ^2 /NDF: 4.1/7

In: 2148.891 $\pm$ 2427.730 χ^2 /NDF: 0.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 377.702 $\pm$ 1536.069 χ^2 /NDF: 4.1/7

asym_atr_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3079.192+/-1.717 χ^2/NDF : 69852.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2638.294+/-1.403 χ^2/NDF : 36980.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

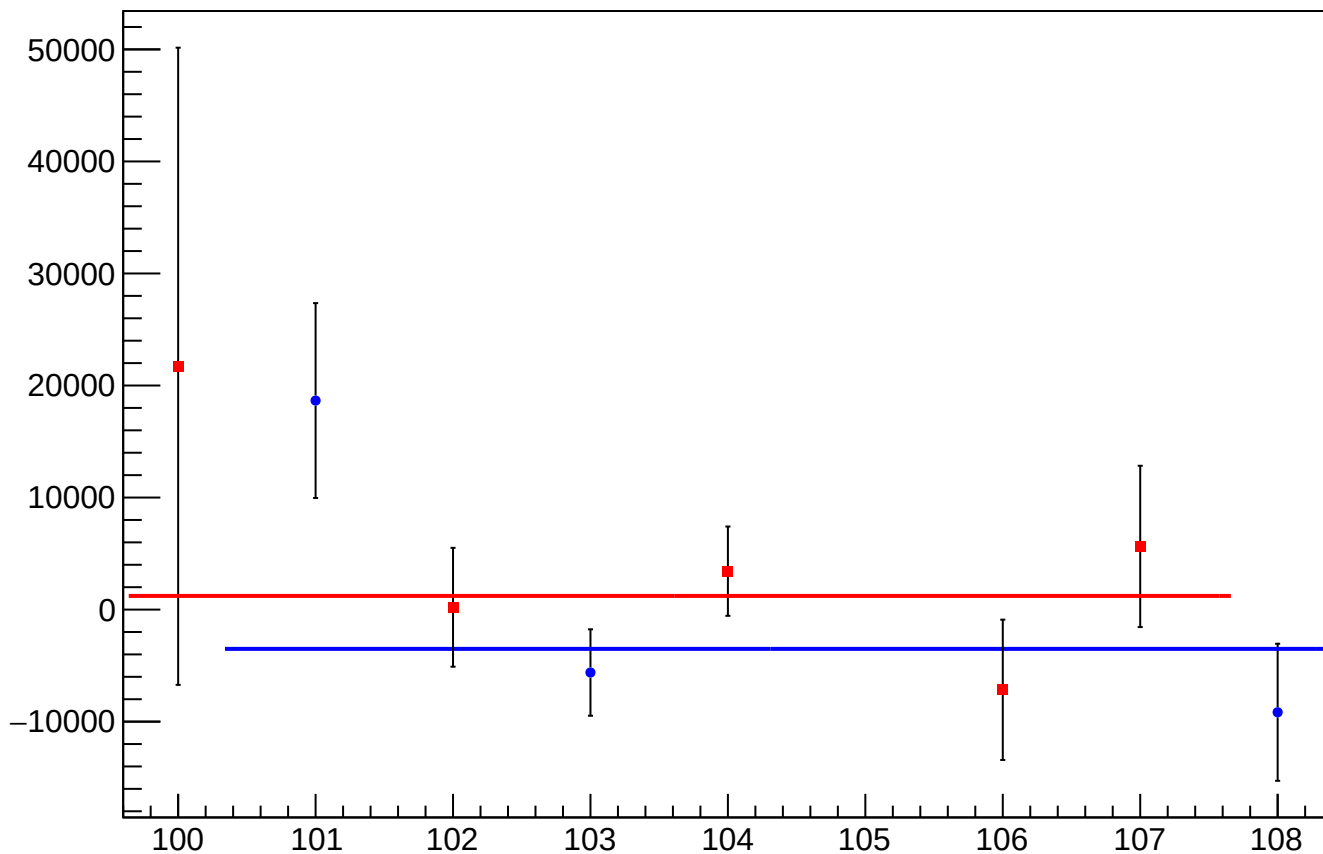
Right: 2814.800+/-1.086 χ^2/NDF : 146389.4/7

In: 3079.192+/-1.717 χ^2/NDF : 69852.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2814.800+/-1.086 χ^2/NDF : 146389.4/7

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -3506.172+/-3054.985 χ^2/NDF : 7.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1220.135+/-2630.093 χ^2/NDF : 3.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

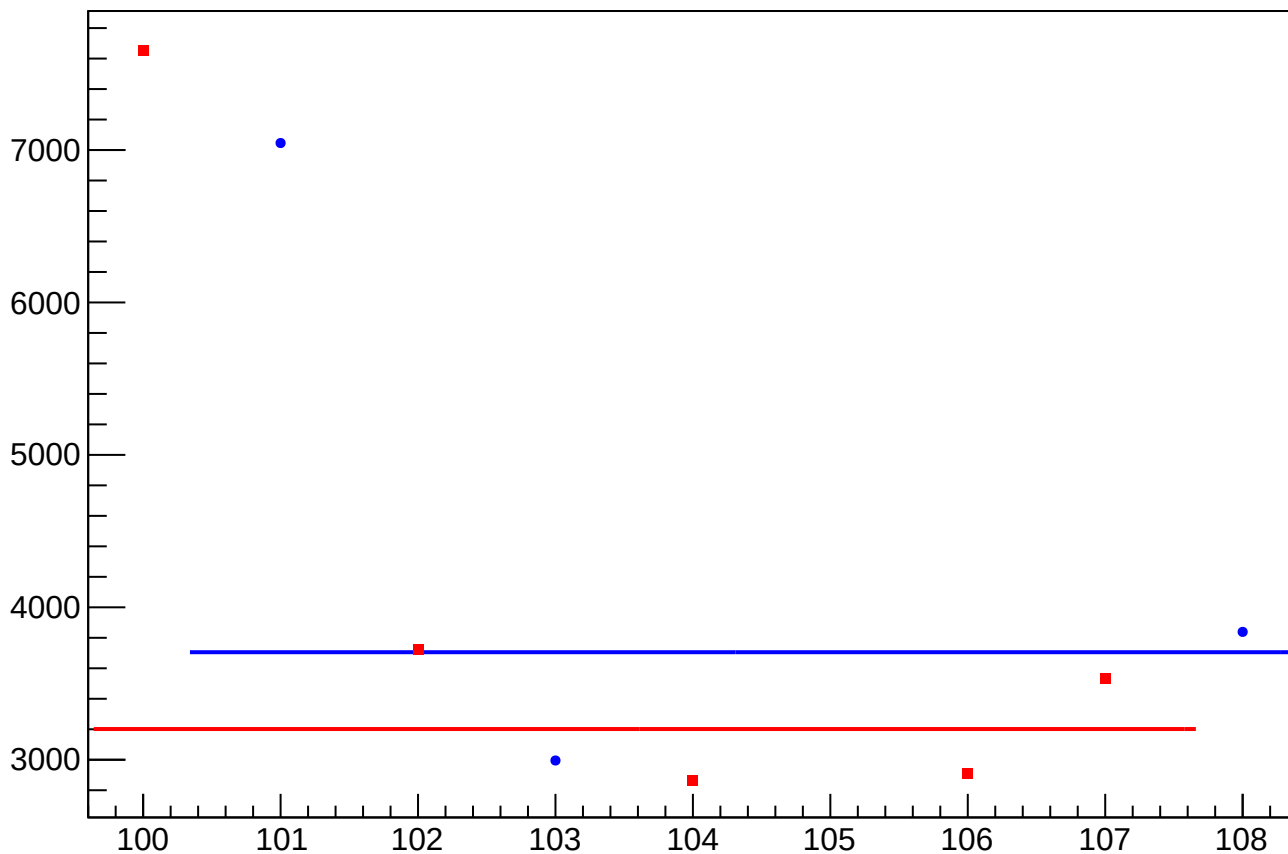
Right: -791.745+/-1993.192 χ^2/NDF : 12.1/7

In: -3506.172+/-3054.985 χ^2/NDF : 7.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -791.745+/-1993.192 χ^2/NDF : 12.1/7

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 3705.485+/-2.160 χ^2/NDF : 363825.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3201.574+/-1.821 χ^2/NDF : 92296.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

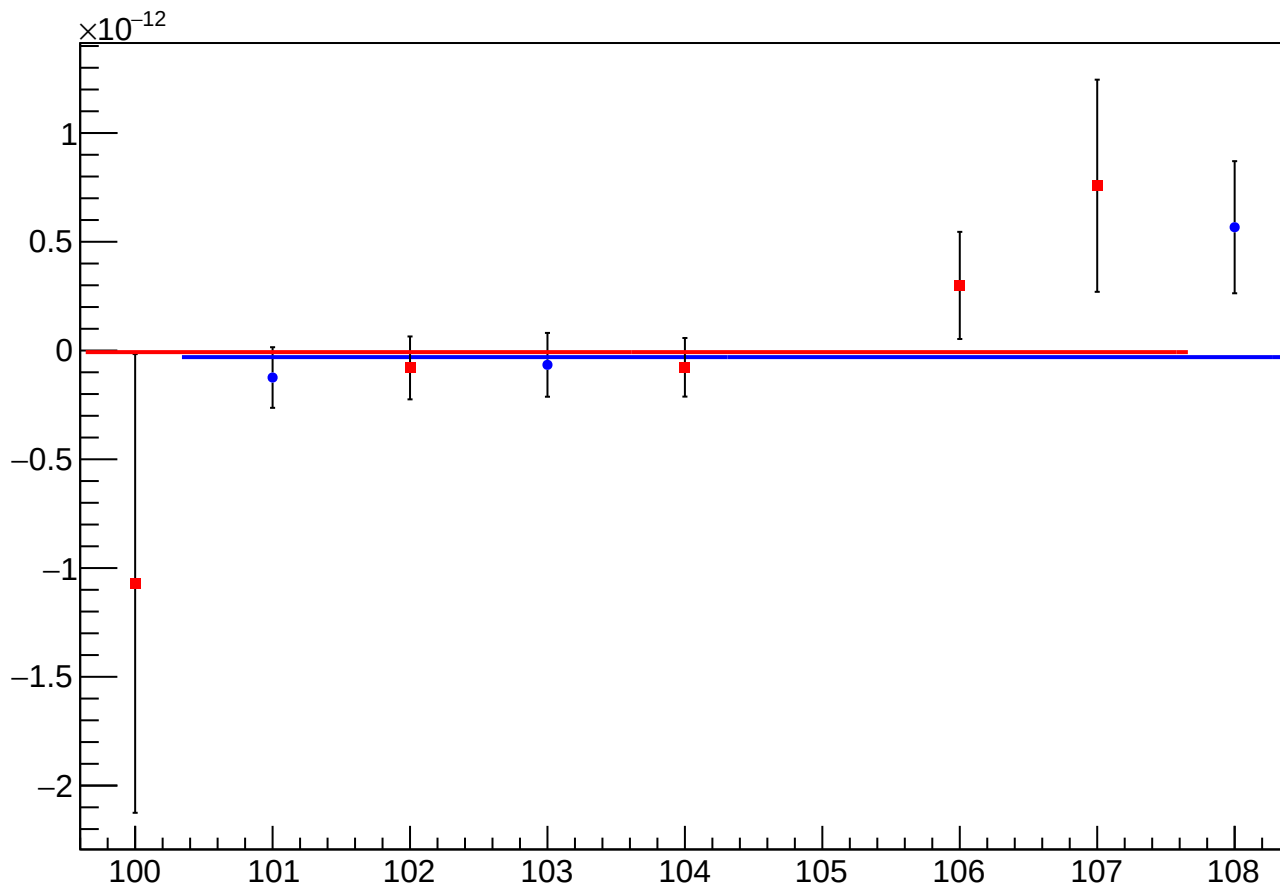
Right: 3410.861+/-1.392 χ^2/NDF : 487936.8/7

In: 3705.485+/-2.160 χ^2/NDF : 363825.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3410.861+/-1.392 χ^2/NDF : 487936.8/7

asym_atr_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 4.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 5.5/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

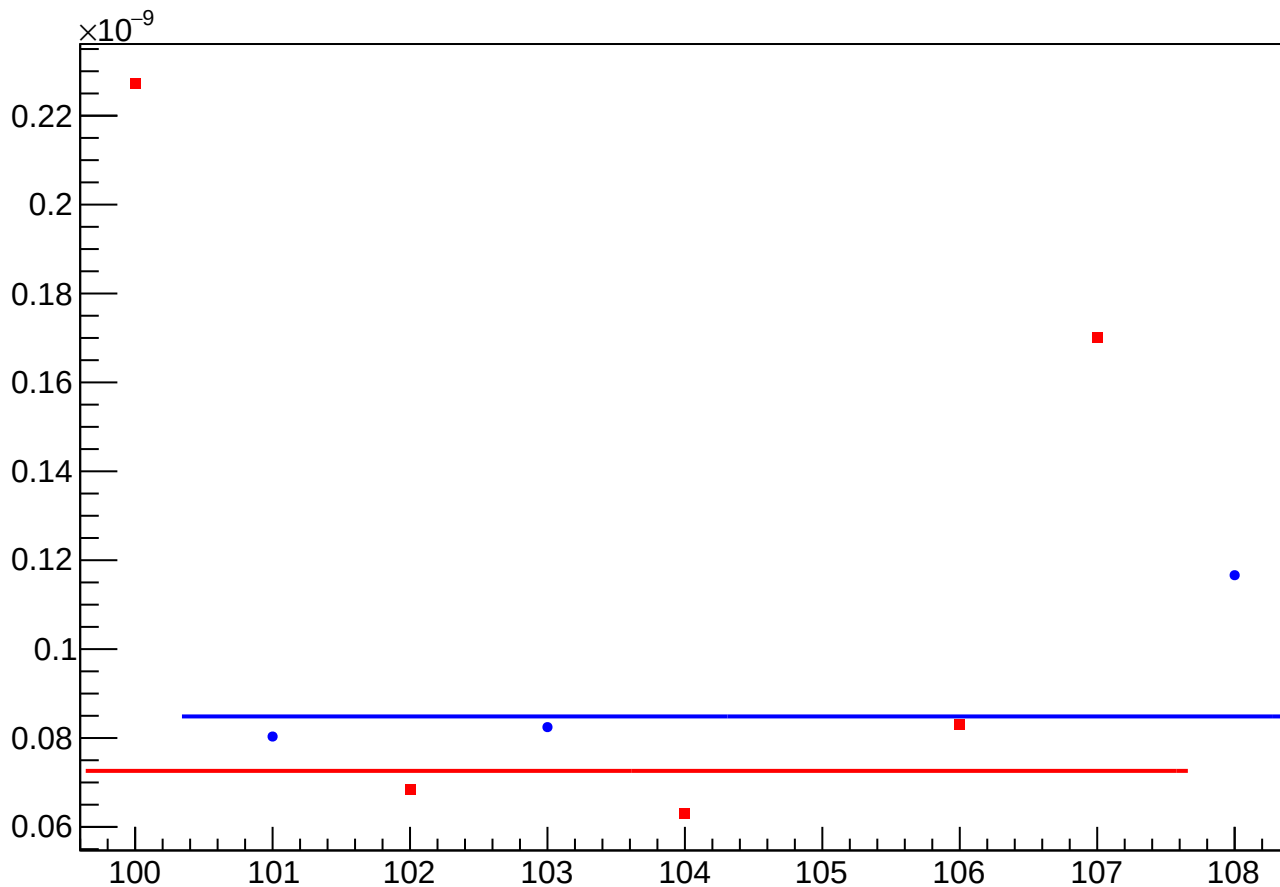
Right: -0.000+/-0.000 χ^2 /NDF: 10.0/7

In: -0.000+/-0.000 χ^2 /NDF:4.4/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 10.0/7

asym_atr_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 24535.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 138390.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

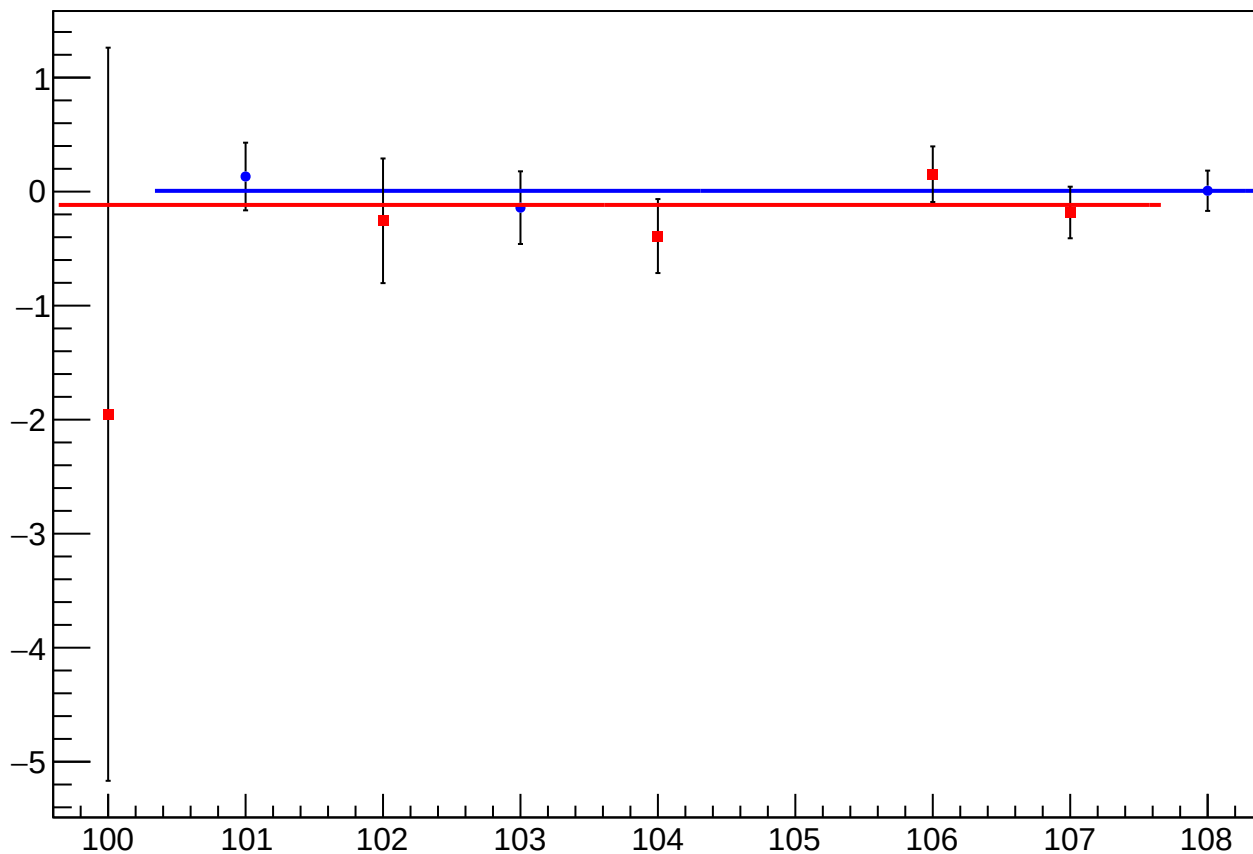
Right: 0.000+/-0.000 χ^2/NDF : 180346.6/7

In: 0.000+/-0.000 χ^2/NDF : 24535.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 180346.6/7

asym_atr_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007 ± 0.137 $\chi^2/\text{NDF}: 0.4/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.117 ± 0.142 $\chi^2/\text{NDF}: 2.4/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

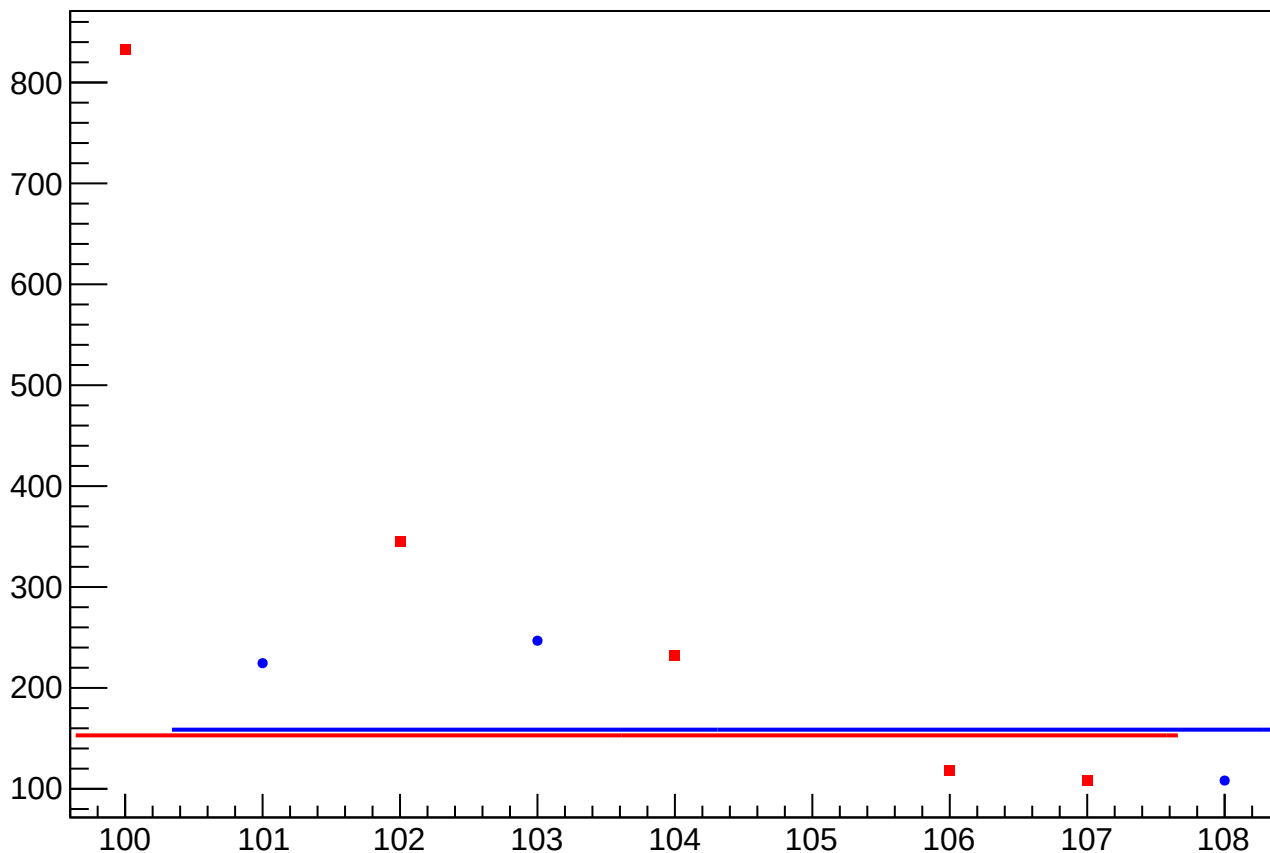
Right: -0.053 ± 0.099 $\chi^2/\text{NDF}: 3.2/7$

In: 0.007 ± 0.137 $\chi^2/\text{NDF}: 0.4/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.053 ± 0.099 $\chi^2/\text{NDF}: 3.2/7$

asym_atr_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 158.645+/-0.097 χ^2/NDF : 414829.7/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 152.967+/-0.101 χ^2/NDF : 575972.8/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

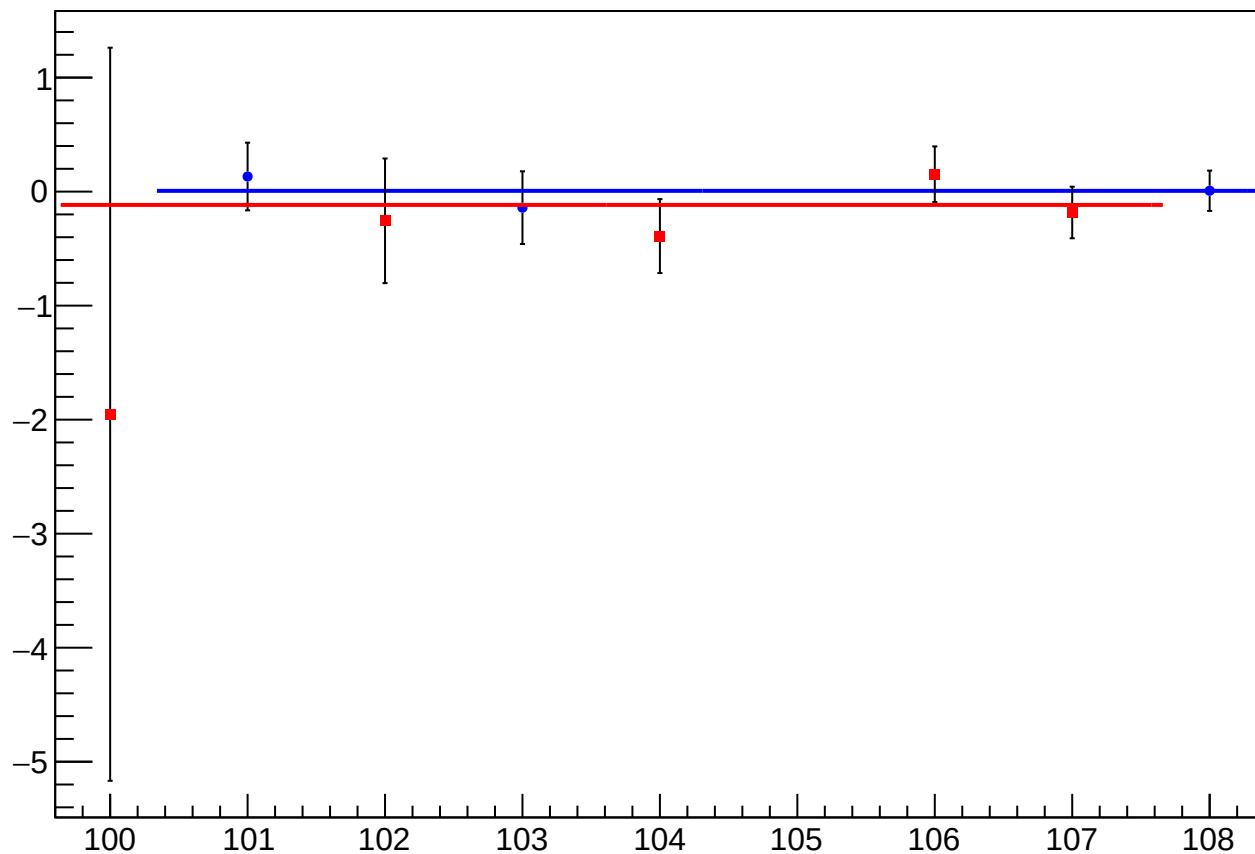
Right: 155.915+/-0.070 χ^2/NDF : 992453.6/7

In: 158.645+/-0.097 χ^2/NDF :414829.7/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 155.915+/-0.070 χ^2/NDF : 992453.6/7

asym_atr_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.137 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.117 $\pm$ 0.142 χ^2 /NDF: 2.4/4

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

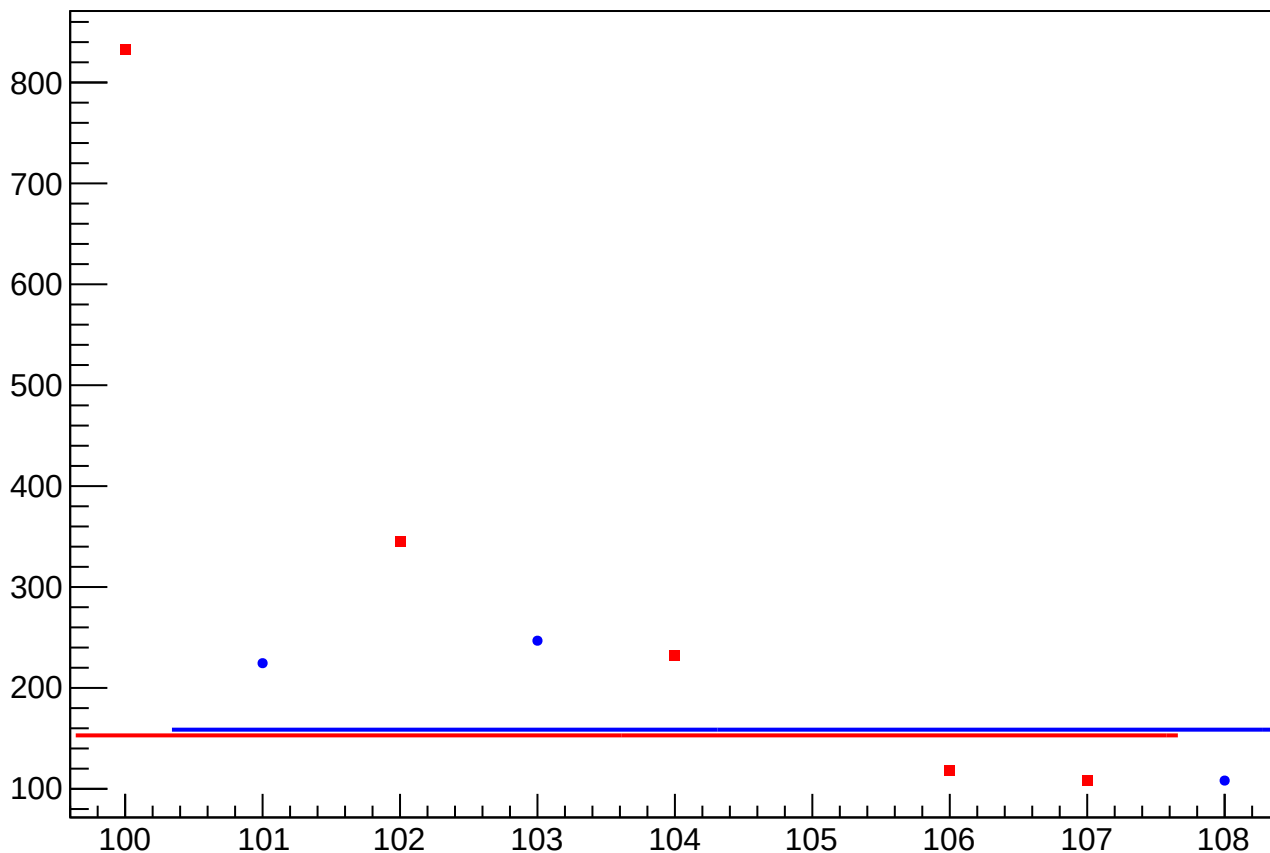
Right: -0.053 $\pm$ 0.099 χ^2 /NDF: 3.2/7

In: 0.007 $\pm$ 0.137 χ^2 /NDF: 0.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.053 $\pm$ 0.099 χ^2 /NDF: 3.2/7

asym_atr_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 158.645+/-0.097 χ^2/NDF : 414829.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.967+/-0.101 χ^2/NDF : 575972.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

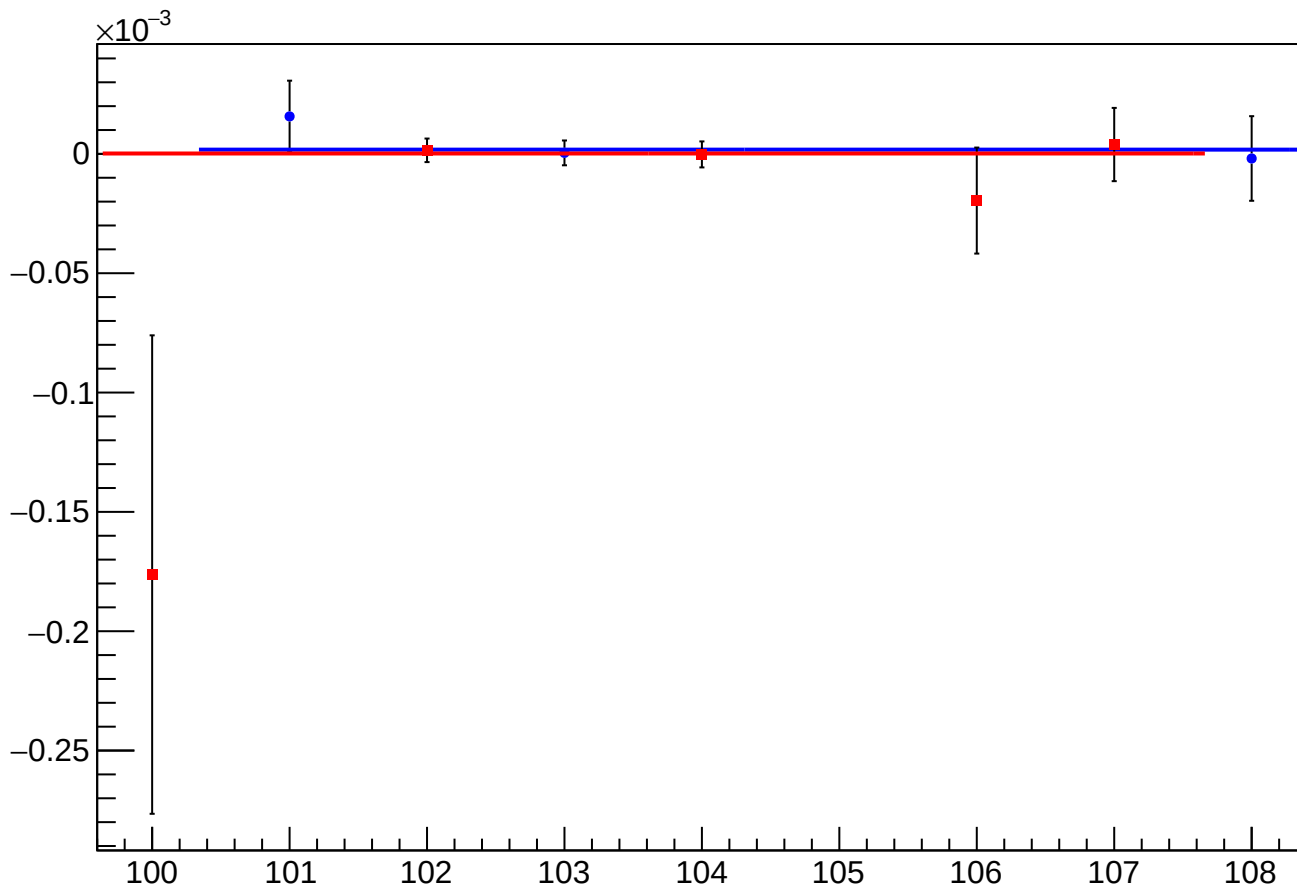
Right: 155.915+/-0.070 χ^2/NDF : 992453.6/7

In: 158.645+/-0.097 χ^2/NDF : 414829.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.915+/-0.070 χ^2/NDF : 992453.6/7

asym_atr_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

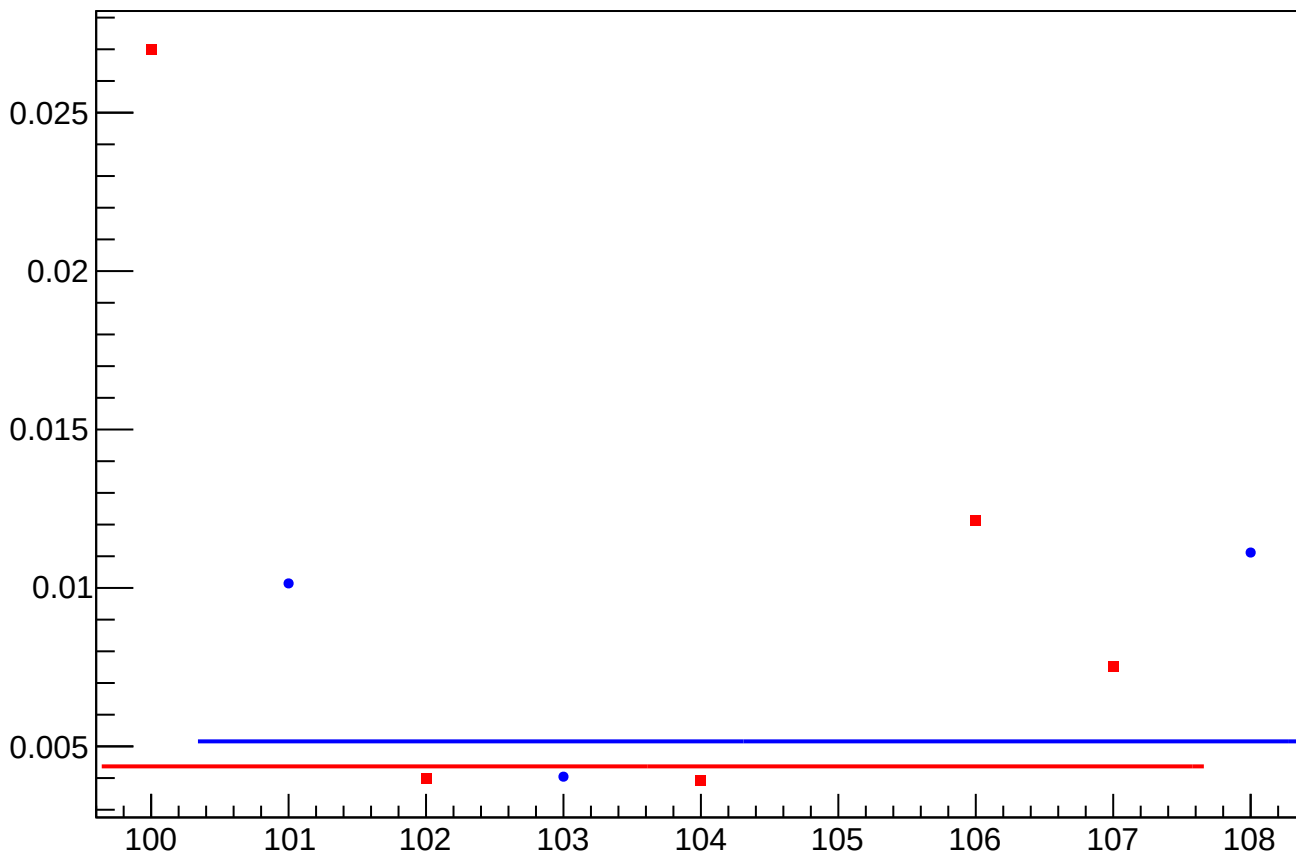
Right: 0.000+/-0.000 χ^2/NDF : 5.1/7

In: 0.000+/-0.000 χ^2/NDF : 1.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5.1/7

asym_atr_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 539569.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 455804.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

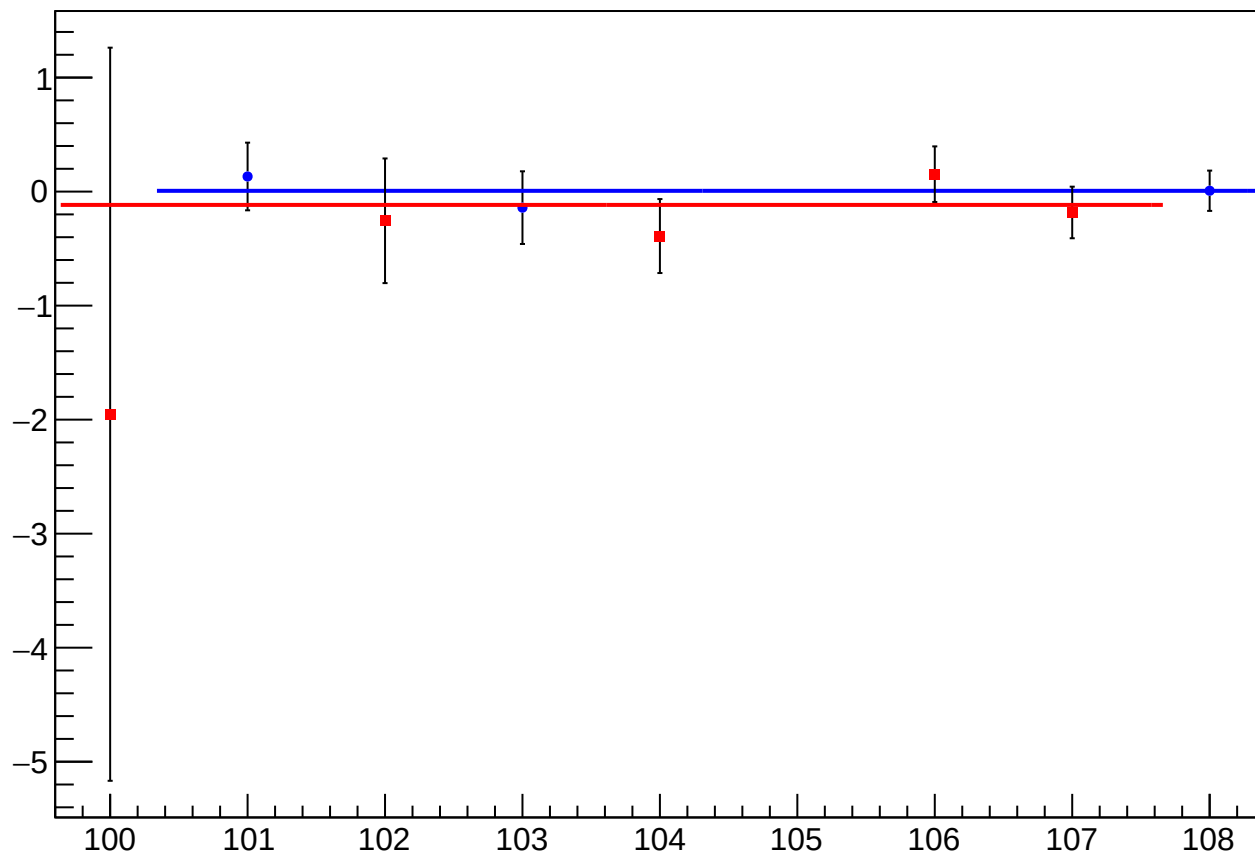
Right: 0.005+/-0.000 χ^2/NDF : 1031261.9/7

In: 0.005+/-0.000 χ^2/NDF : 539569.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1031261.9/7

asym_atr_dd_eigen_dit_vs_Slug, Sign Corrected



Right In: 0.007 ± 0.137 $\chi^2/\text{NDF}: 0.4/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.117 ± 0.142 $\chi^2/\text{NDF}: 2.4/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

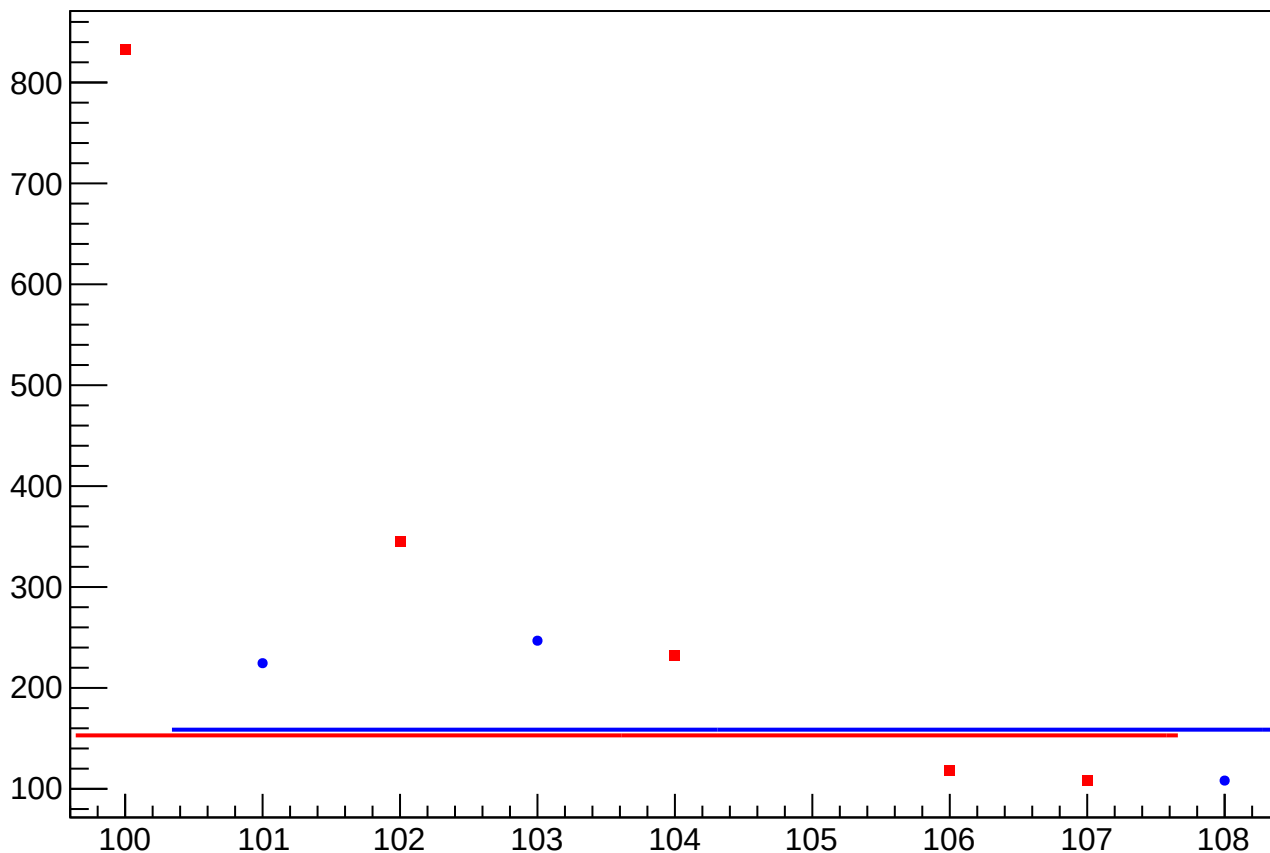
Right: -0.053 ± 0.099 $\chi^2/\text{NDF}: 3.2/7$

In: 0.007 ± 0.137 $\chi^2/\text{NDF}: 0.4/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.053 ± 0.099 $\chi^2/\text{NDF}: 3.2/7$

asym_atr_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 158.640+/-0.097 χ^2/NDF : 414870.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.968+/-0.101 χ^2/NDF : 575980.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

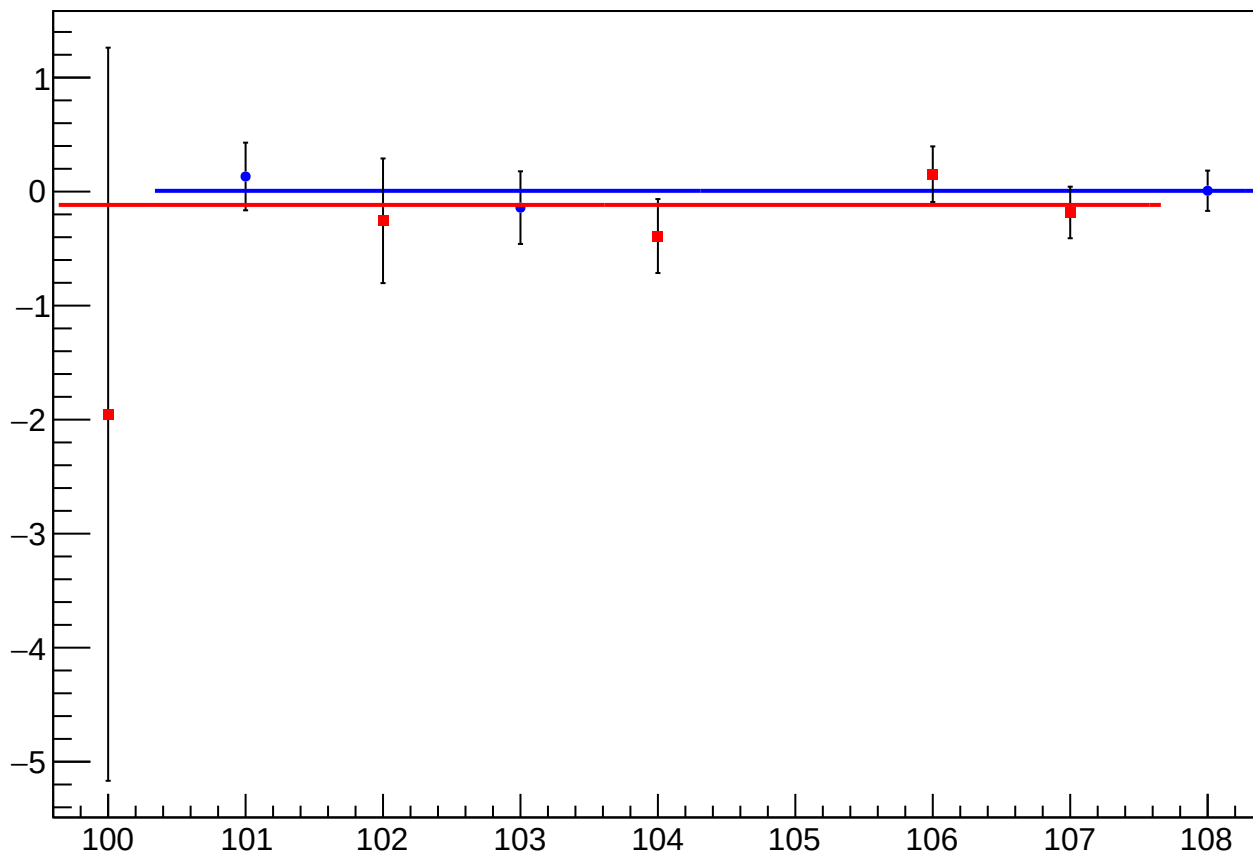
Right: 155.913+/-0.070 χ^2/NDF : 992498.7/7

In: 158.640+/-0.097 χ^2/NDF : 414870.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.913+/-0.070 χ^2/NDF : 992498.7/7

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.137 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.117 $\pm$ 0.142 χ^2 /NDF: 2.4/4

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

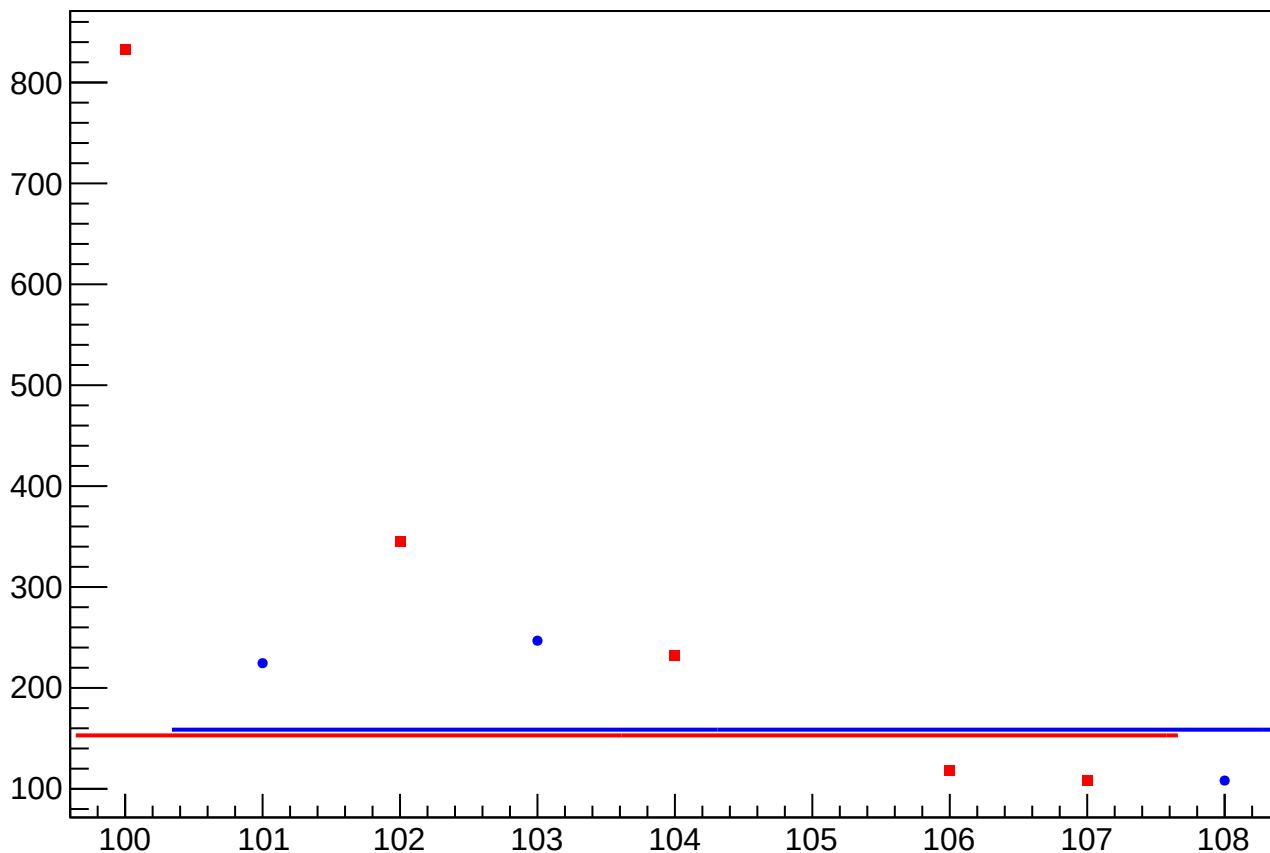
Right: -0.053 $\pm$ 0.099 χ^2 /NDF: 3.2/7

In: 0.007 $\pm$ 0.137 χ^2 /NDF:0.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.053 $\pm$ 0.099 χ^2 /NDF: 3.2/7

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 158.640 $\pm$ 0.097 χ^2 /NDF: 414870.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 152.968 $\pm$ 0.101 χ^2 /NDF: 575980.2/4

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

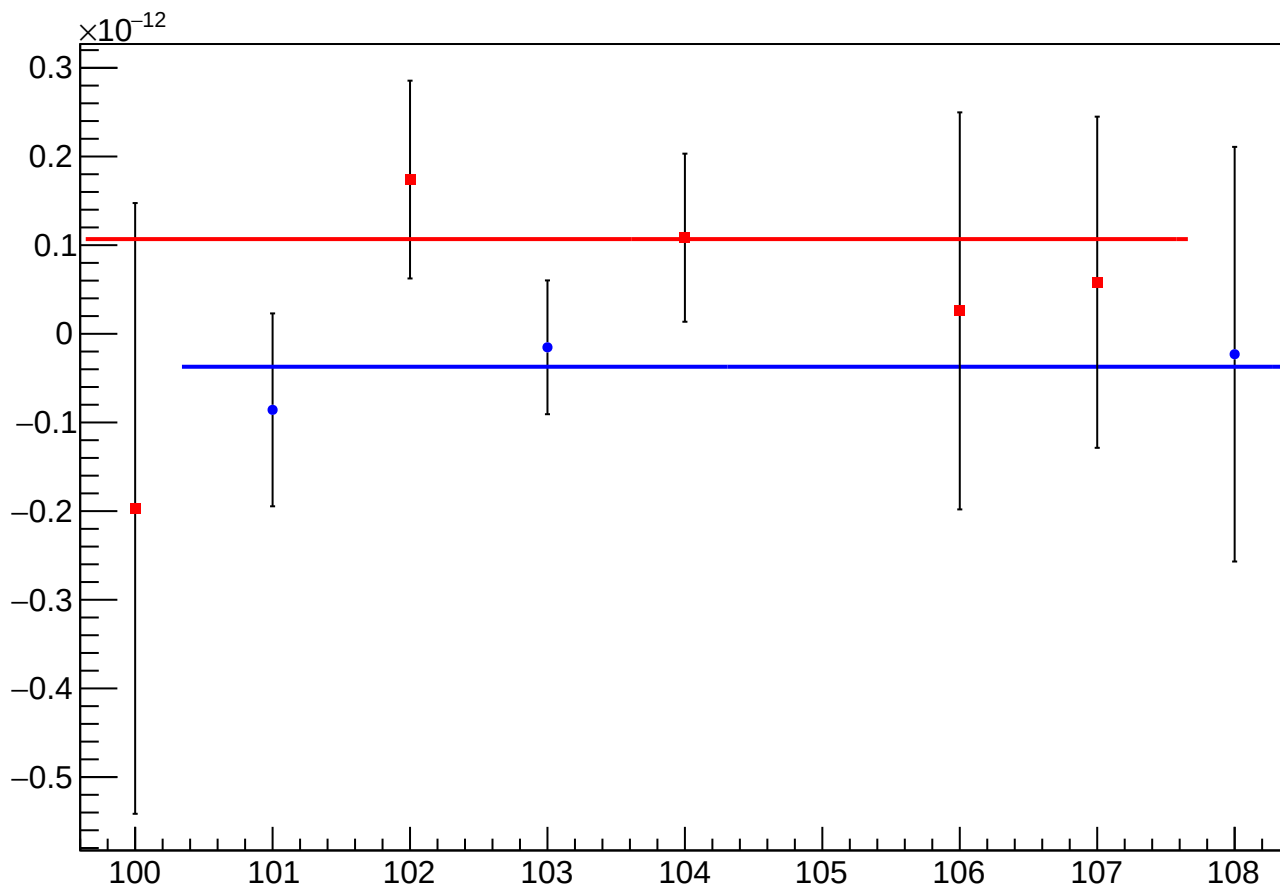
Right: 155.913 $\pm$ 0.070 χ^2 /NDF: 992498.7/7

In: 158.640 $\pm$ 0.097 χ^2 /NDF:414870.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 155.913 $\pm$ 0.070 χ^2 /NDF: 992498.7/7

asym_atr_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

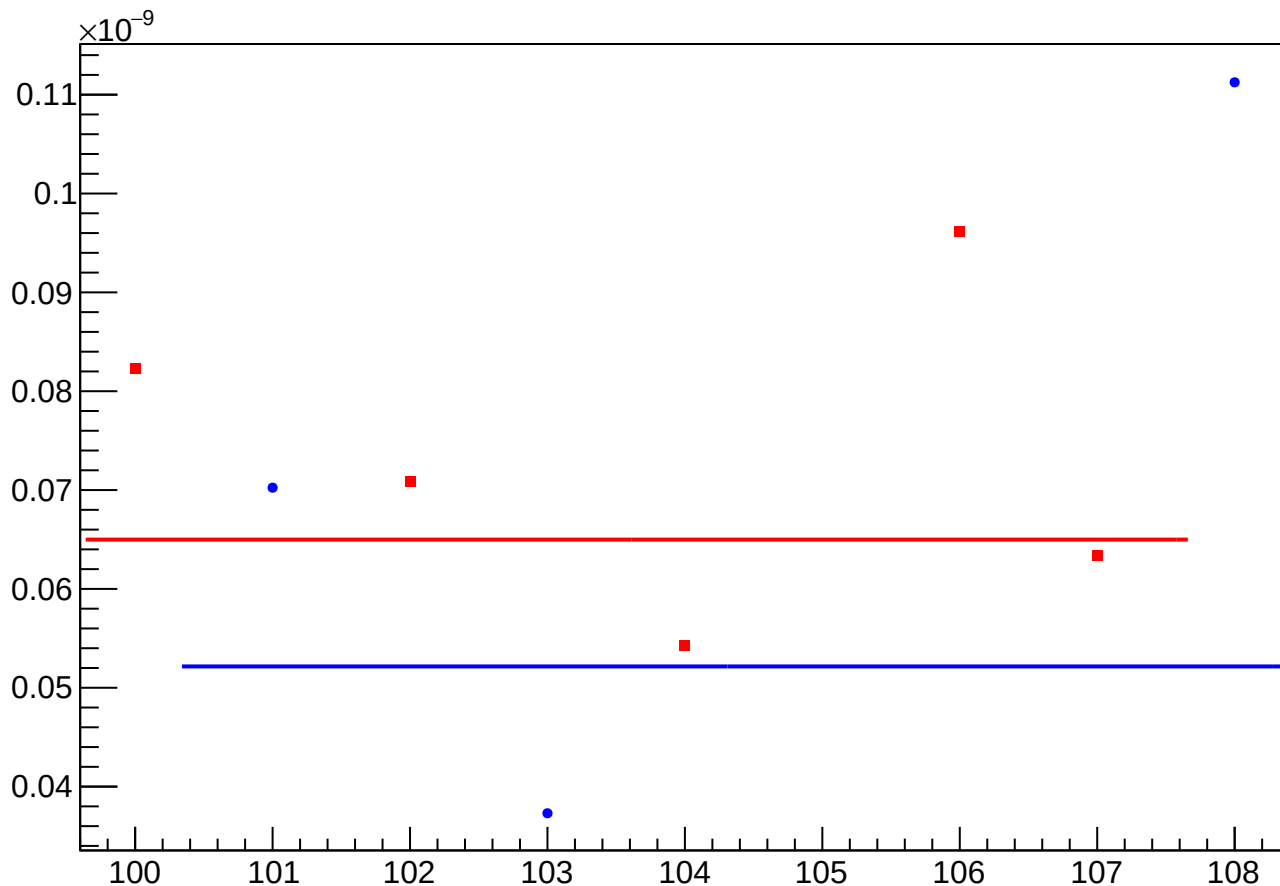
Right: 0.000+/-0.000 χ^2/NDF : 4.3/7

In: -0.000+/-0.000 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.3/7

asym_atr_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 260468.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 75004.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

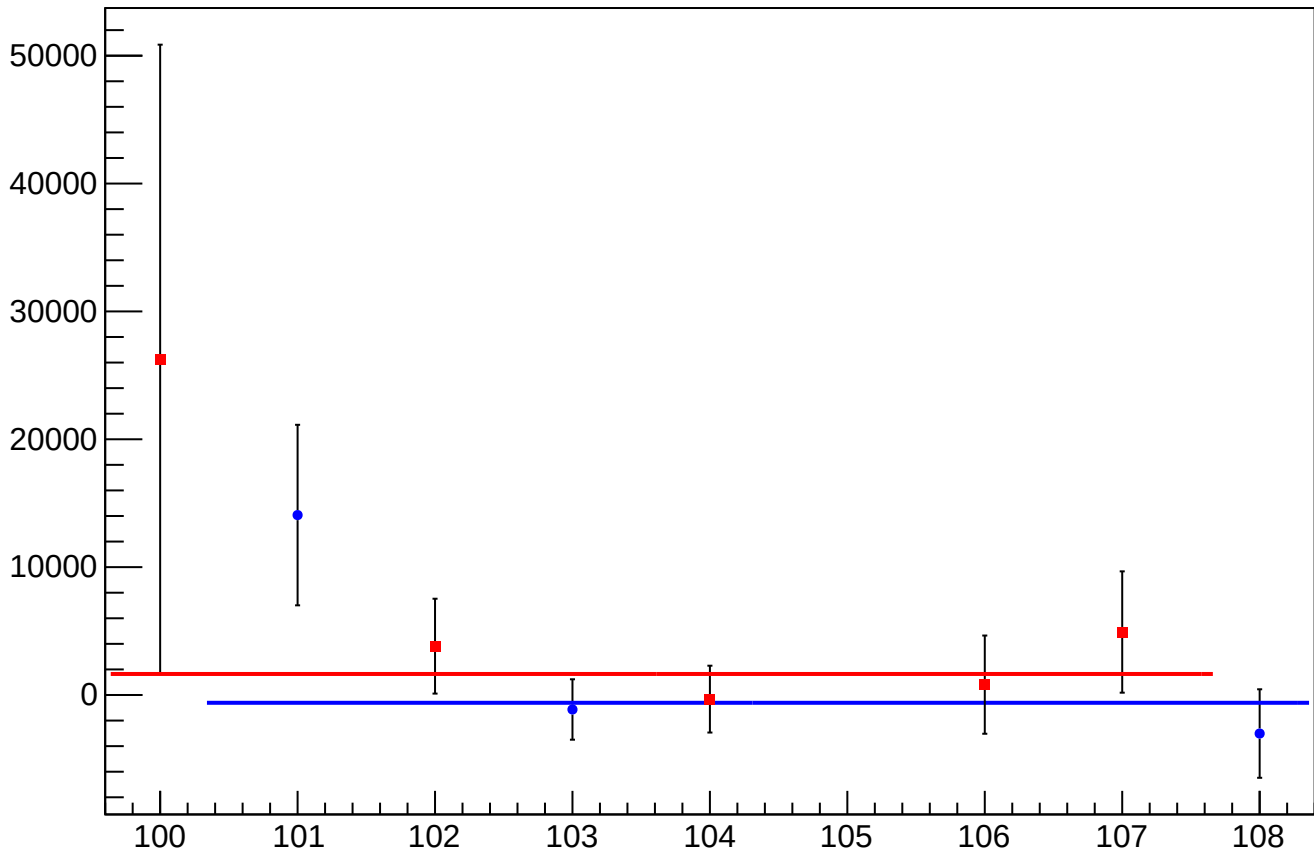
Right: 0.000+/-0.000 χ^2/NDF : 378730.2/7

In: 0.000+/-0.000 χ^2/NDF : 260468.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 378730.2/7

reg_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: -609.305+/-1880.934 χ^2/NDF : 4.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1644.265+/-1733.107 χ^2/NDF : 2.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

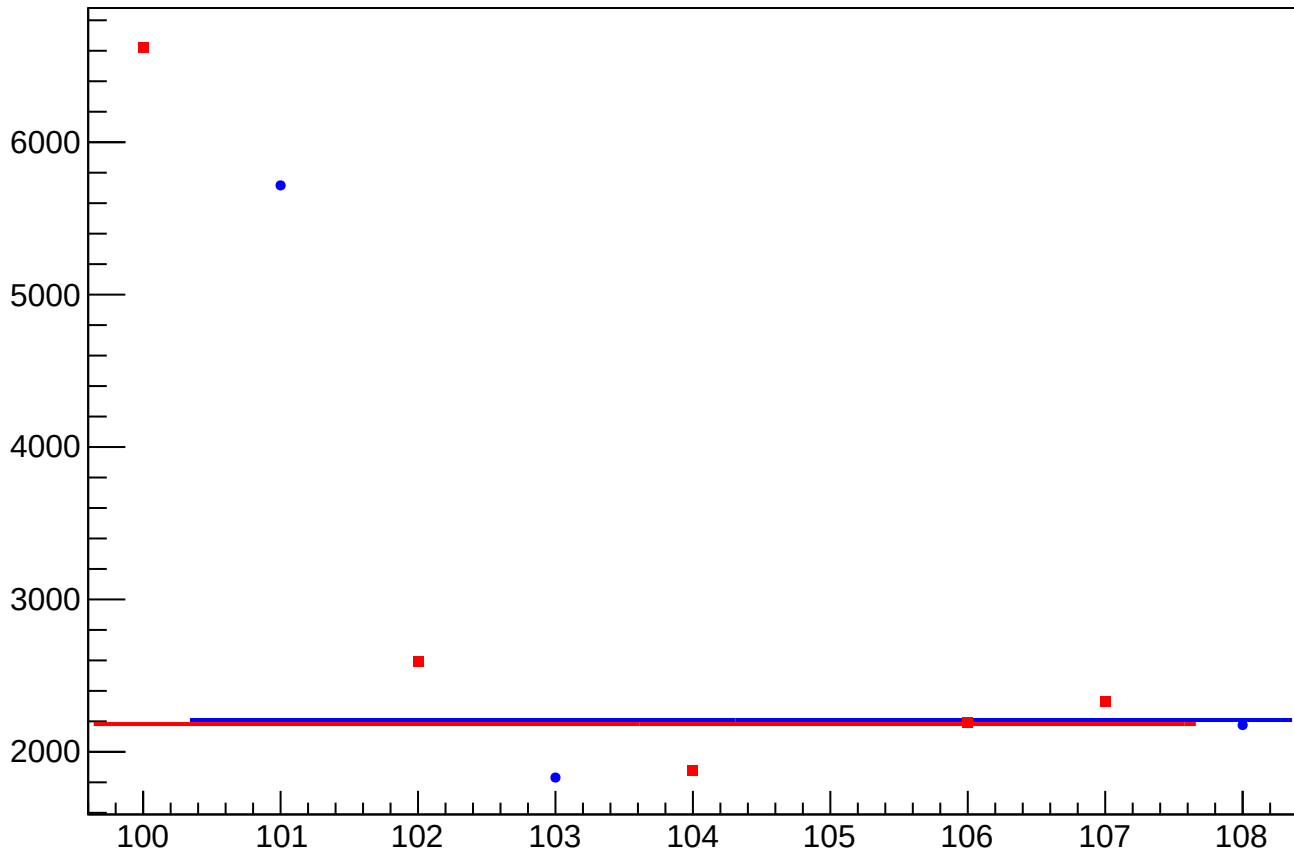
Right: 609.504+/-1274.553 χ^2/NDF : 8.1/7

In: -609.305+/-1880.934 χ^2/NDF : 4.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 609.504+/-1274.553 χ^2/NDF : 8.1/7

reg_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2208.912+/-1.330 χ^2/NDF : 544984.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2182.489+/-1.225 χ^2/NDF : 118444.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

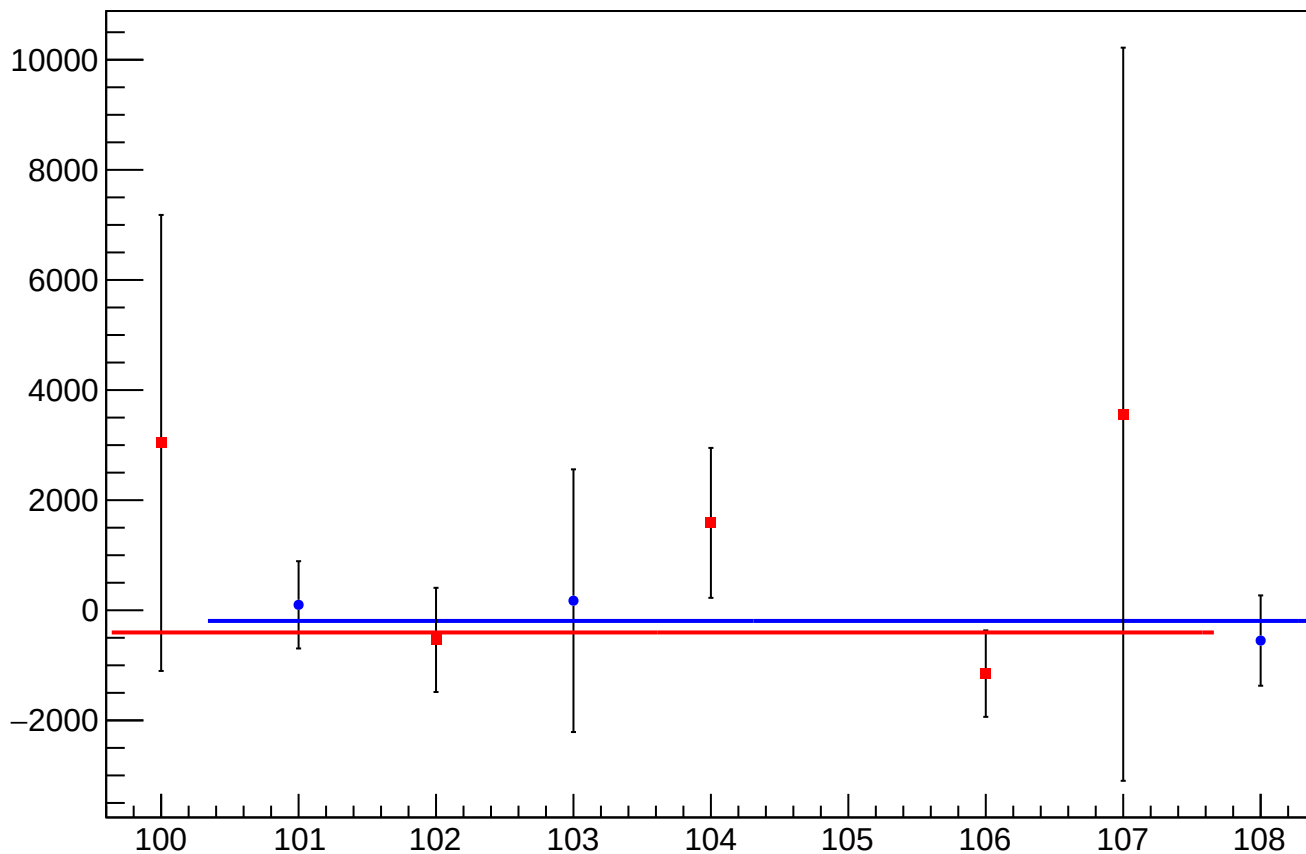
Right: 2194.621+/-0.901 χ^2/NDF : 663642.1/7

In: 2208.912+/-1.330 χ^2/NDF : 544984.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2194.621+/-0.901 χ^2/NDF : 663642.1/7

asym_at1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -193.598+/-554.400 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -403.127+/-545.681 χ^2/NDF : 4.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

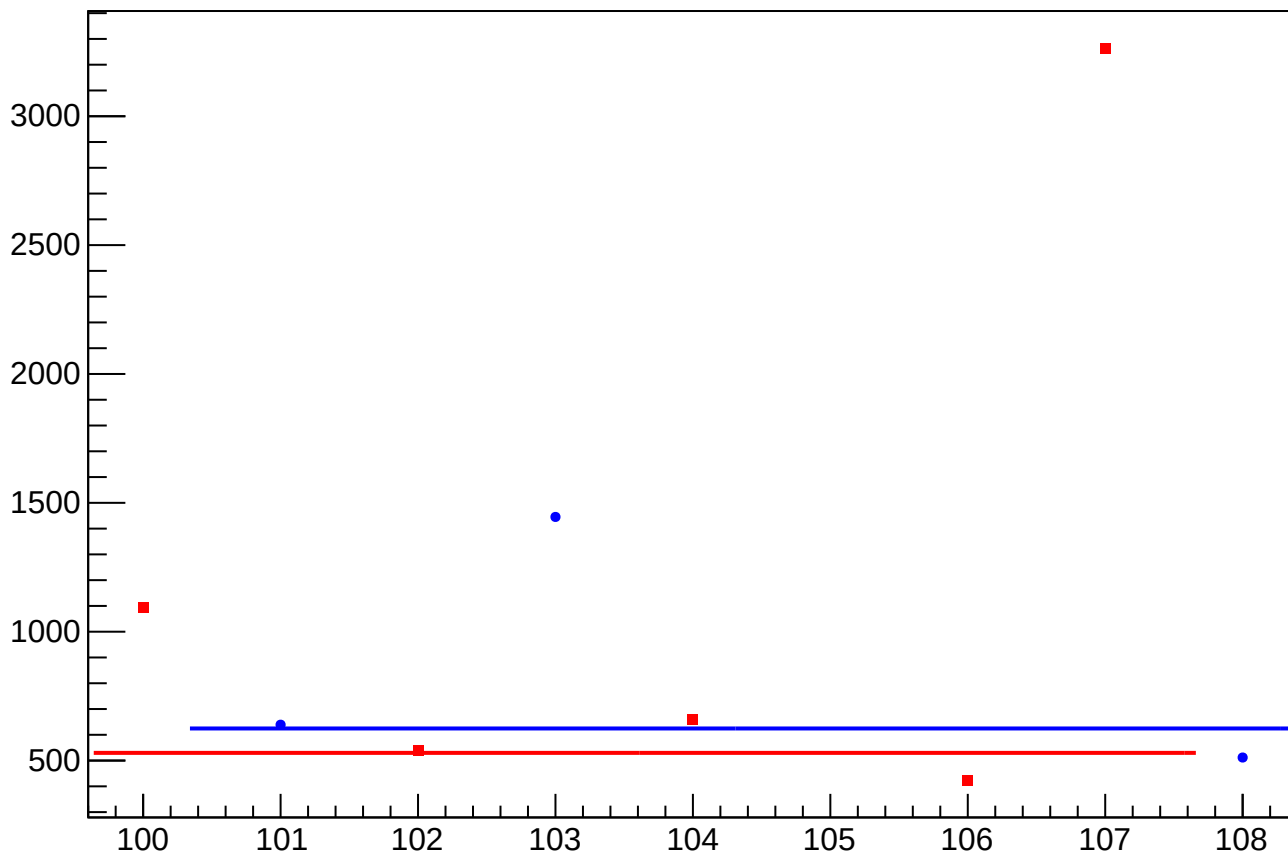
Right: -300.023+/-388.901 χ^2/NDF : 4.5/7

In: -193.598+/-554.400 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -300.023+/-388.901 χ^2/NDF : 4.5/7

asym_at1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 624.524 $\pm$ 0.392 χ^2 /NDF: 275163.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 529.857 $\pm$ 0.386 χ^2 /NDF: 429694.5/4

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

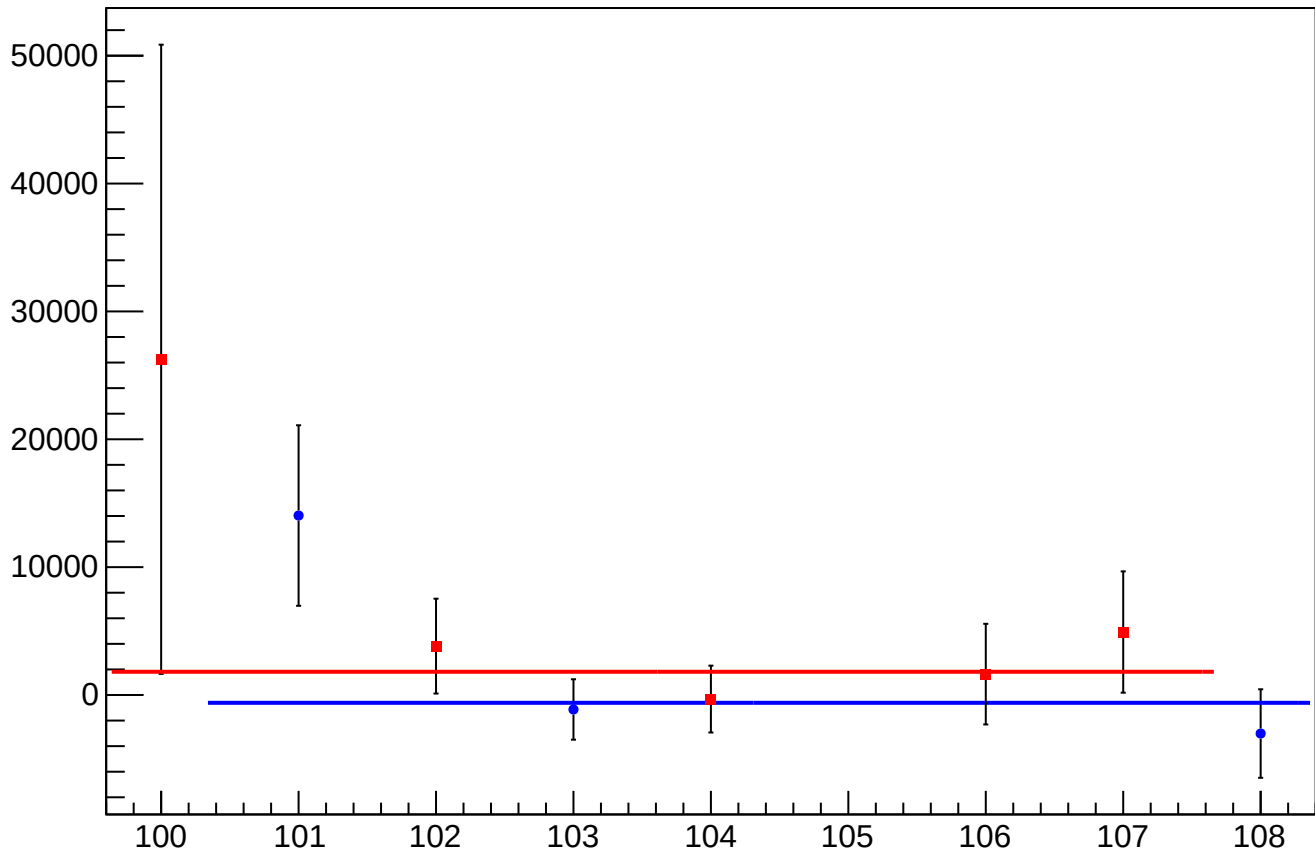
Right: 576.440 $\pm$ 0.275 χ^2 /NDF: 734478.2/7

In: 624.524 $\pm$ 0.392 χ^2 /NDF:275163.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 576.440 $\pm$ 0.275 χ^2 /NDF: 734478.2/7

cor_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: -611.070+/-1880.935 χ^2/NDF : 4.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1816.201+/-1741.603 χ^2/NDF : 2.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

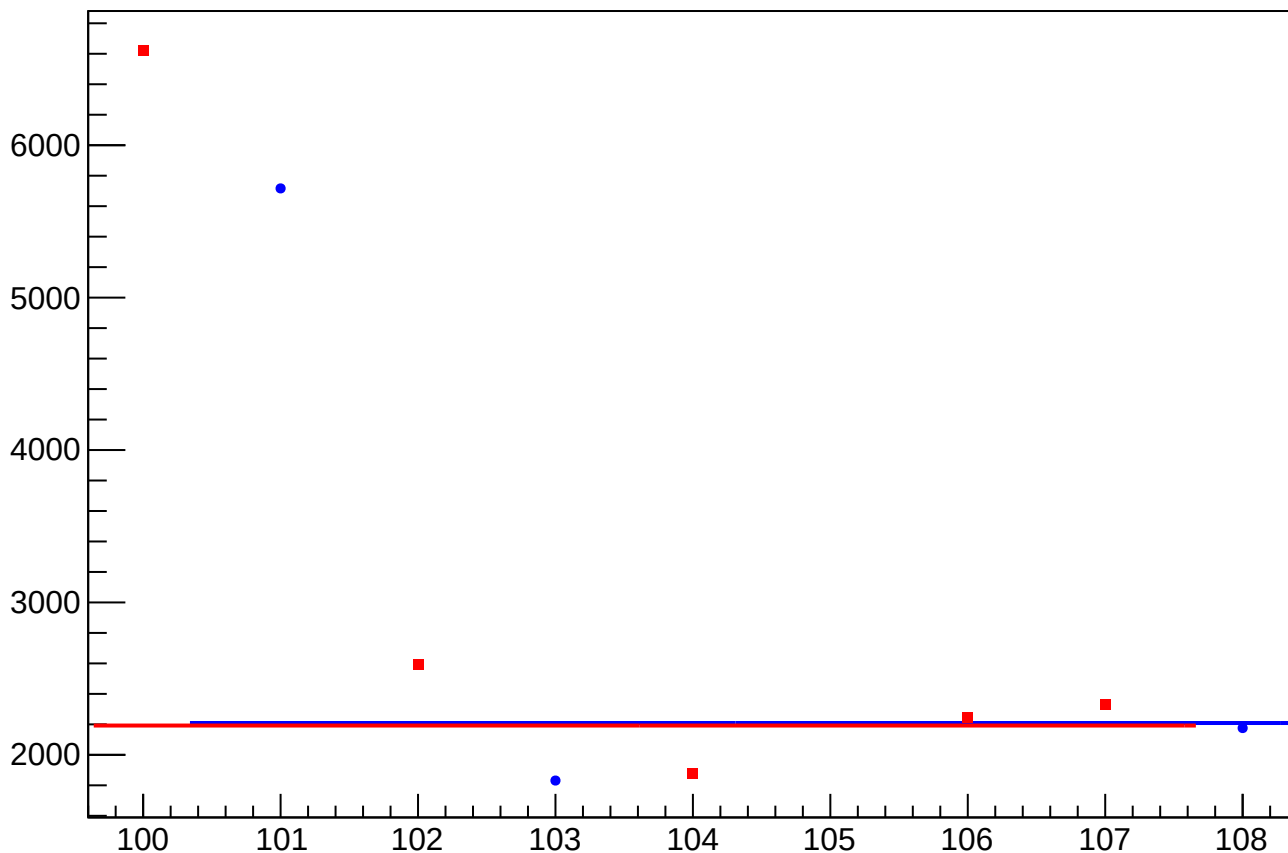
Right: 695.787+/-1277.921 χ^2/NDF : 8.1/7

In: -611.070+/-1880.935 χ^2/NDF : 4.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 695.787+/-1277.921 χ^2/NDF : 8.1/7

cor_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2208.911+/-1.330 χ^2/NDF : 544984.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2192.330+/-1.231 χ^2/NDF : 118844.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

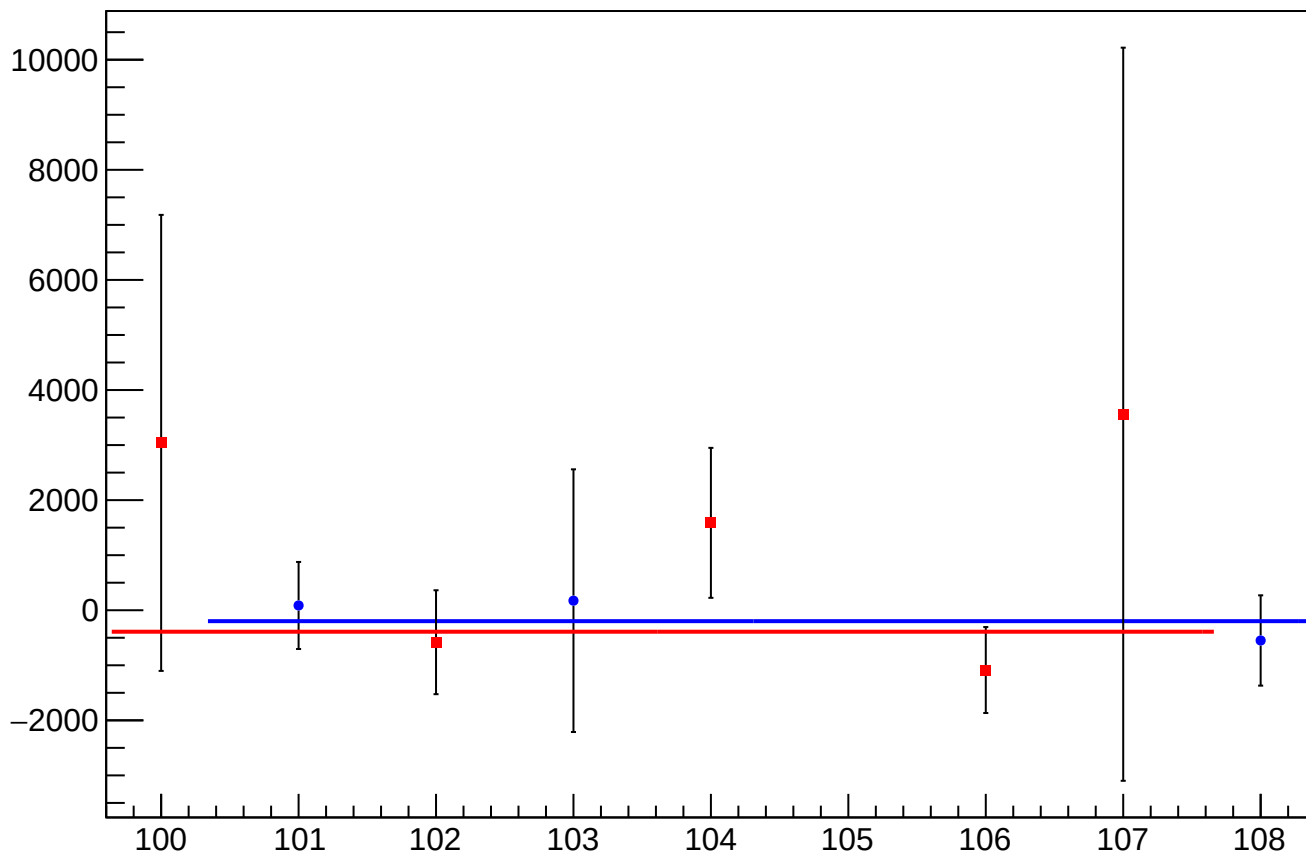
Right: 2199.984+/-0.904 χ^2/NDF : 663912.5/7

In: 2208.911+/-1.330 χ^2/NDF : 544984.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2199.984+/-0.904 χ^2/NDF : 663912.5/7

asym_at1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -198.466+/-553.700 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -390.295+/-543.722 χ^2/NDF : 4.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

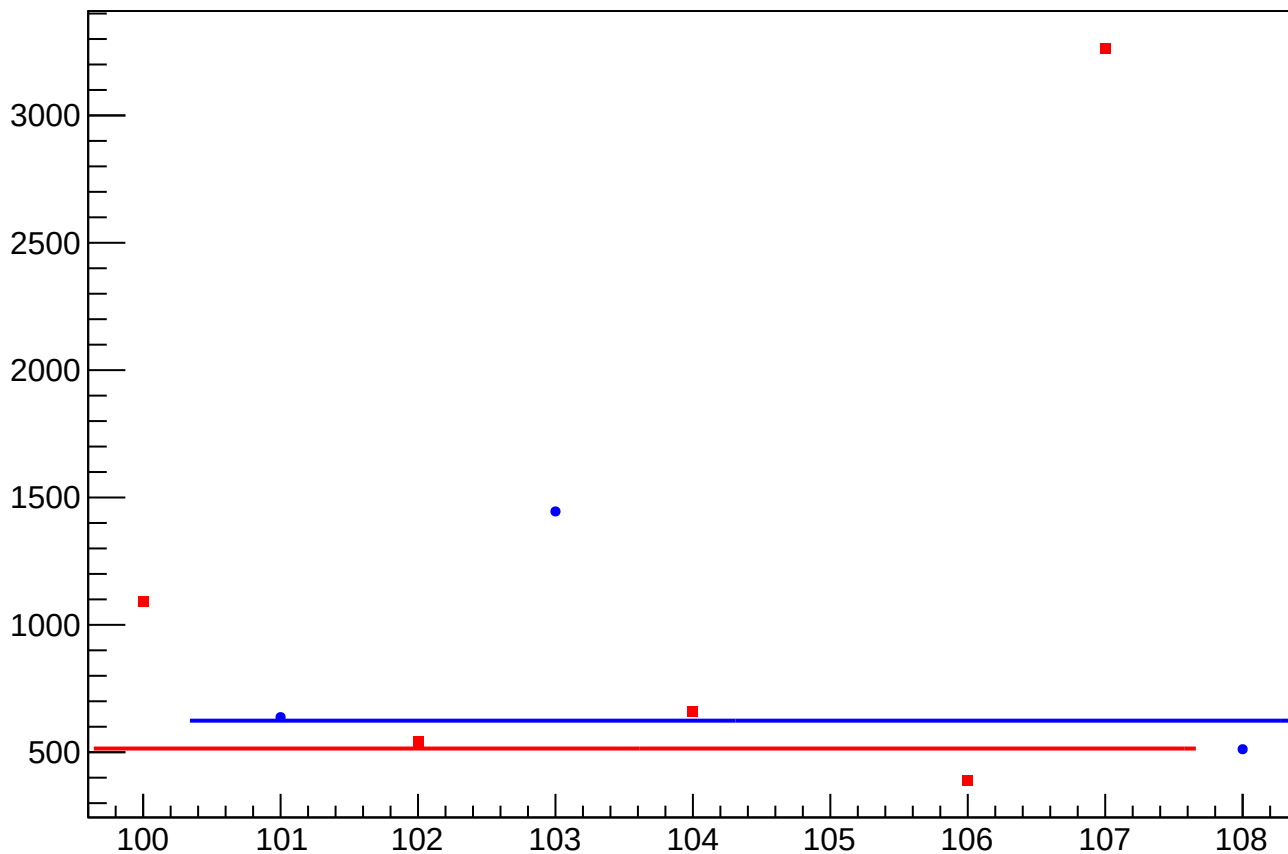
Right: -296.125+/-387.949 χ^2/NDF : 4.4/7

In: -198.466+/-553.700 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -296.125+/-387.949 χ^2/NDF : 4.4/7

asym_at1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 623.849+/-0.392 χ^2/NDF : 275056.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 514.470+/-0.384 χ^2/NDF : 456407.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

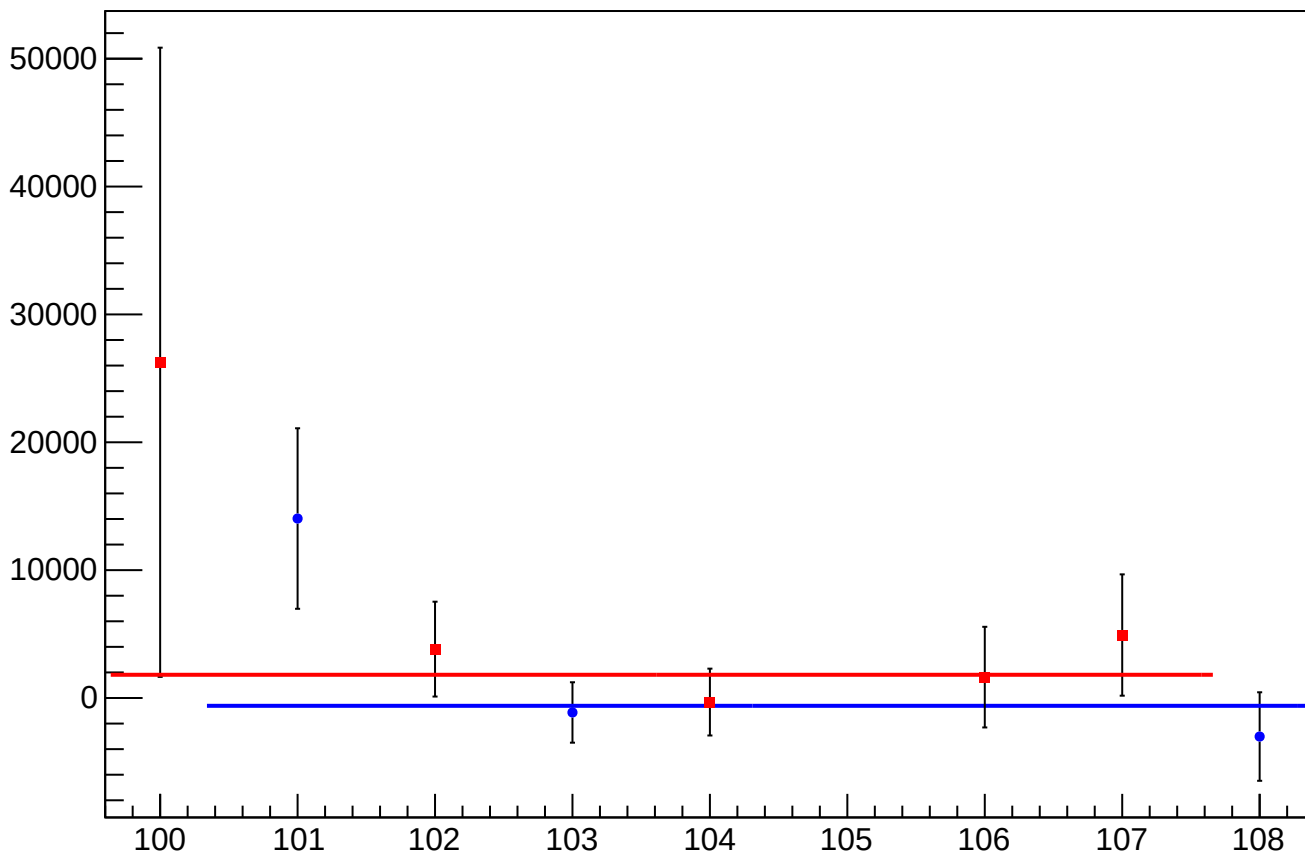
Right: 568.165+/-0.274 χ^2/NDF : 771195.9/7

In: 623.849+/-0.392 χ^2/NDF : 275056.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 568.165+/-0.274 χ^2/NDF : 771195.9/7

eigen_cor_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: -611.070+/-1880.935 χ^2/NDF : 4.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1816.201+/-1741.603 χ^2/NDF : 2.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

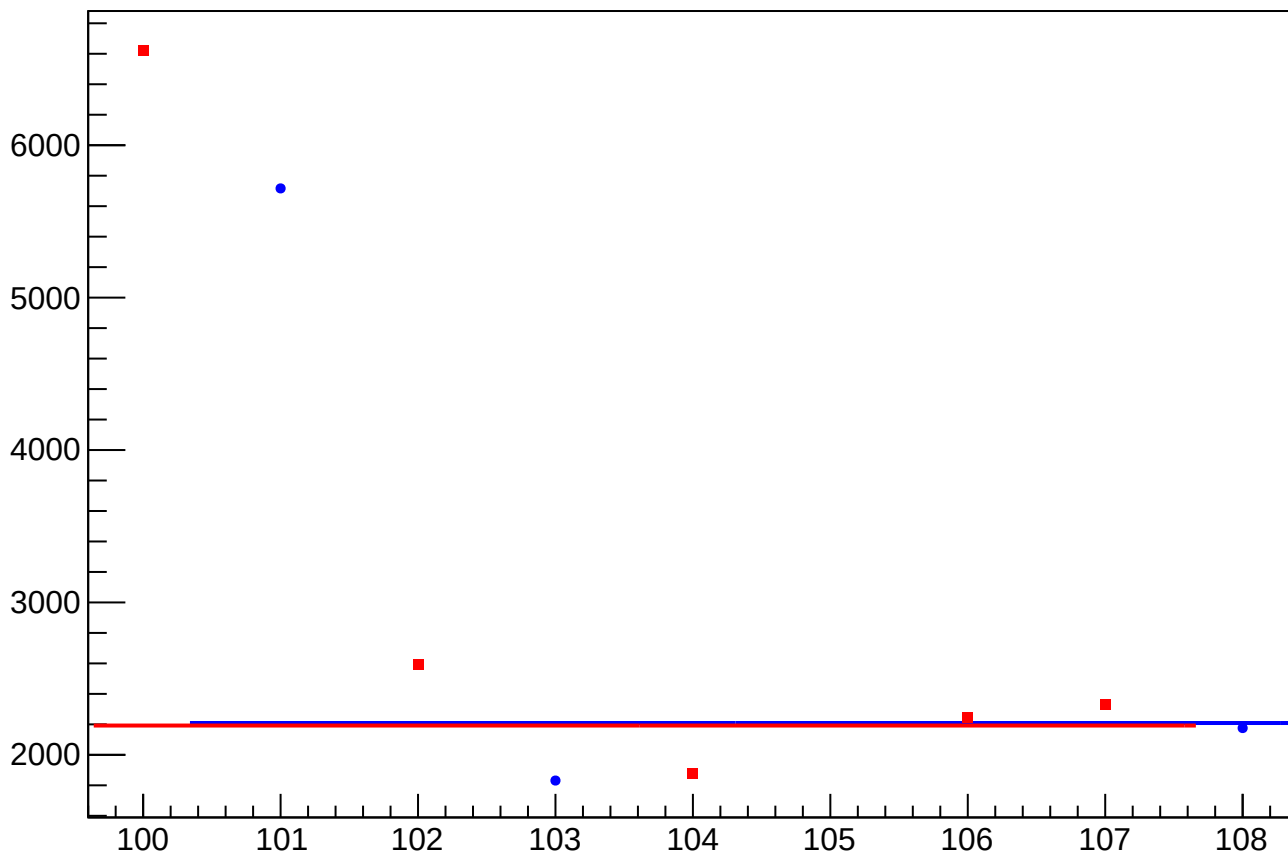
Right: 695.787+/-1277.921 χ^2/NDF : 8.1/7

In: -611.070+/-1880.935 χ^2/NDF : 4.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 695.787+/-1277.921 χ^2/NDF : 8.1/7

eigen_cor_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2208.911+/-1.330 χ^2/NDF : 544984.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2192.330+/-1.231 χ^2/NDF : 118844.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

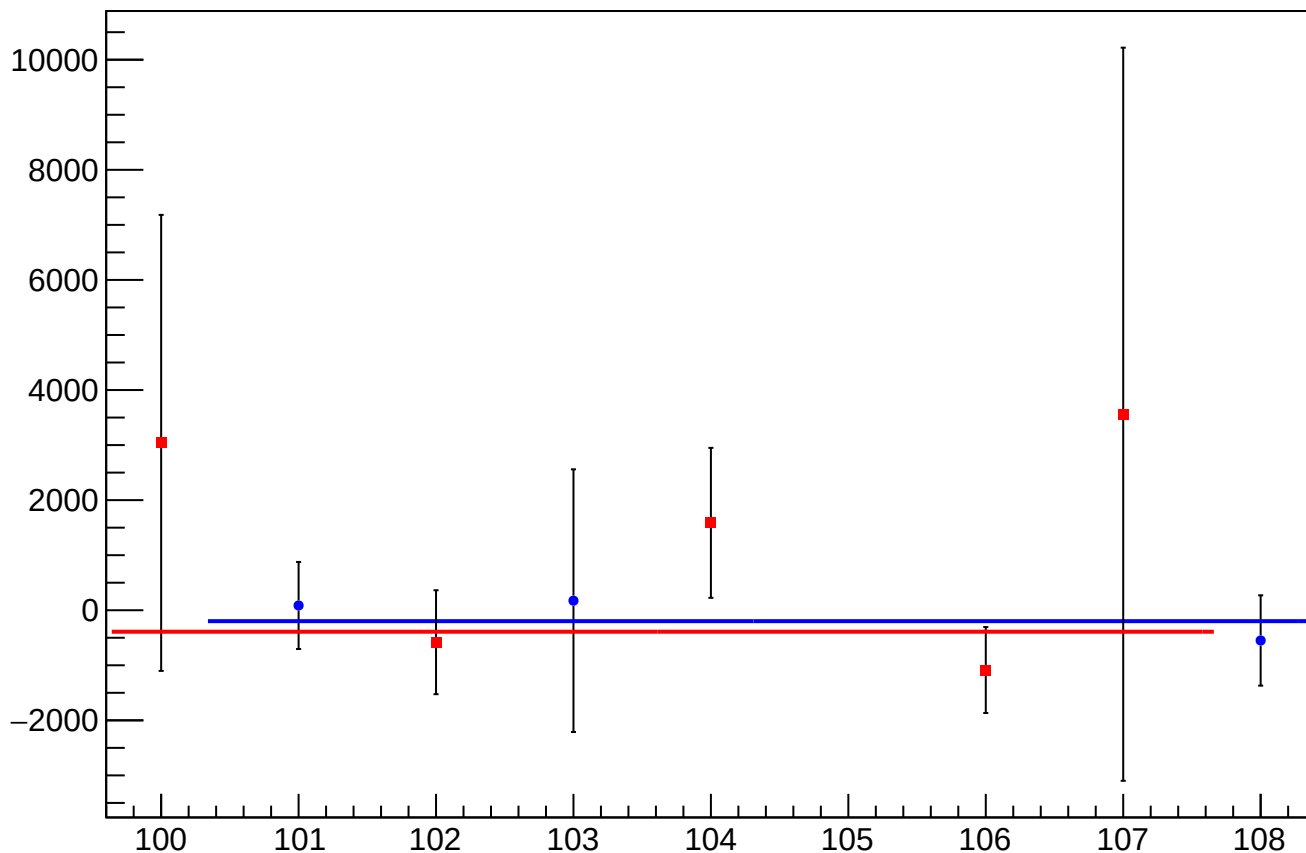
Right: 2199.984+/-0.904 χ^2/NDF : 663912.5/7

In: 2208.911+/-1.330 χ^2/NDF : 544984.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2199.984+/-0.904 χ^2/NDF : 663912.5/7

asym_at1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -198.466+/-553.700 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -390.295+/-543.722 χ^2/NDF : 4.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

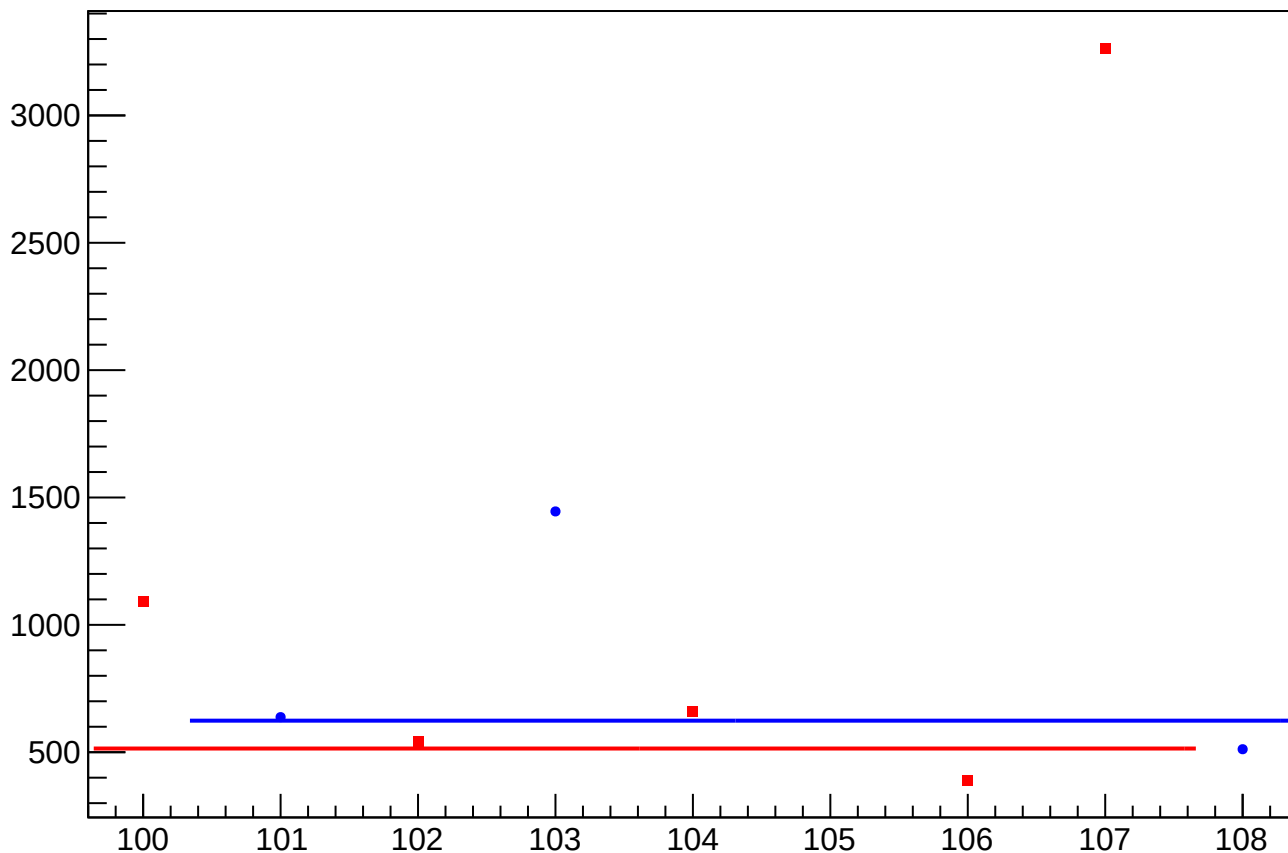
Right: -296.125+/-387.949 χ^2/NDF : 4.4/7

In: -198.466+/-553.700 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -296.125+/-387.949 χ^2/NDF : 4.4/7

asym_at1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 623.849+/-0.392 χ^2/NDF : 275056.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 514.470+/-0.384 χ^2/NDF : 456407.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

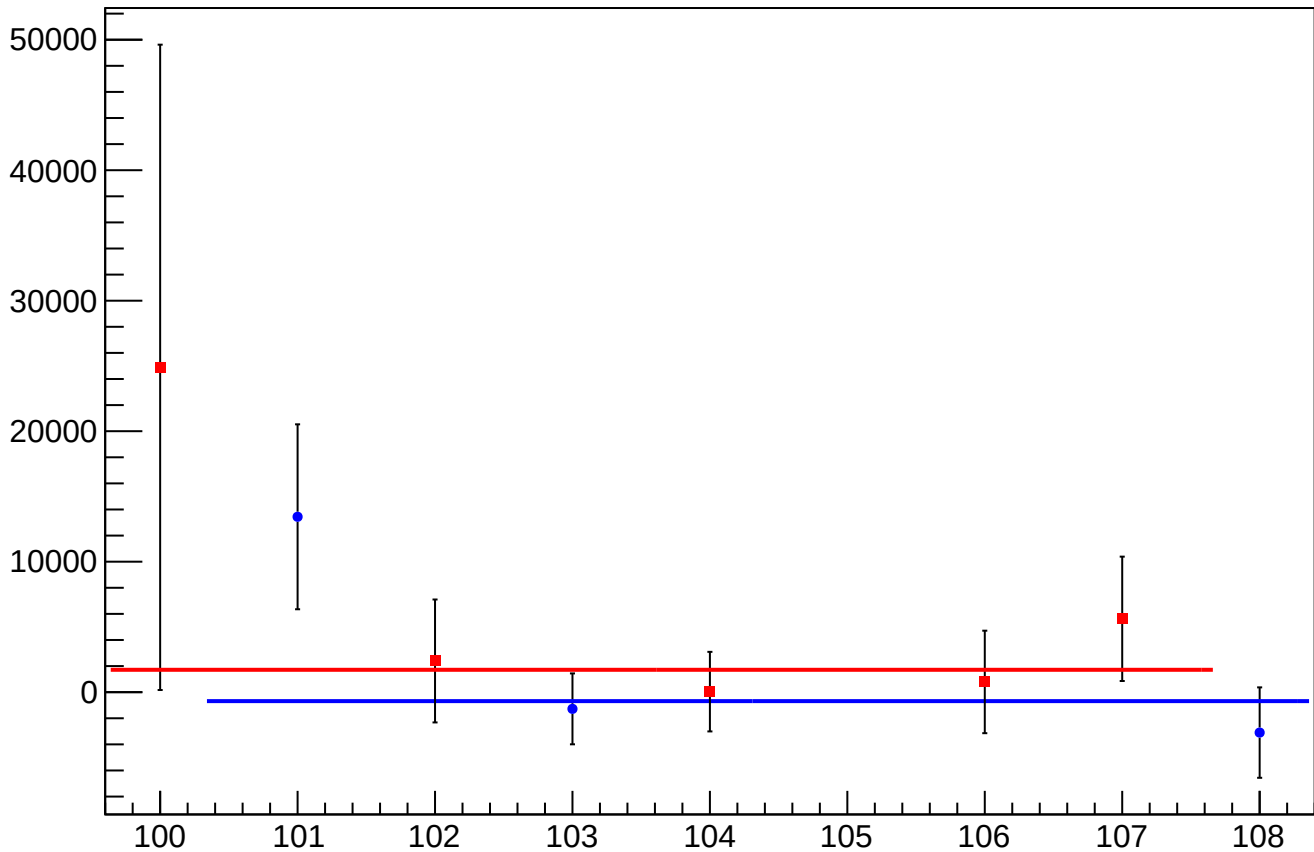
Right: 568.165+/-0.274 χ^2/NDF : 771195.9/7

In: 623.849+/-0.392 χ^2/NDF : 275056.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 568.165+/-0.274 χ^2/NDF : 771195.9/7

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: -685.497+/-2046.774 χ^2/NDF : 4.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1715.249+/-1949.262 χ^2/NDF : 1.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

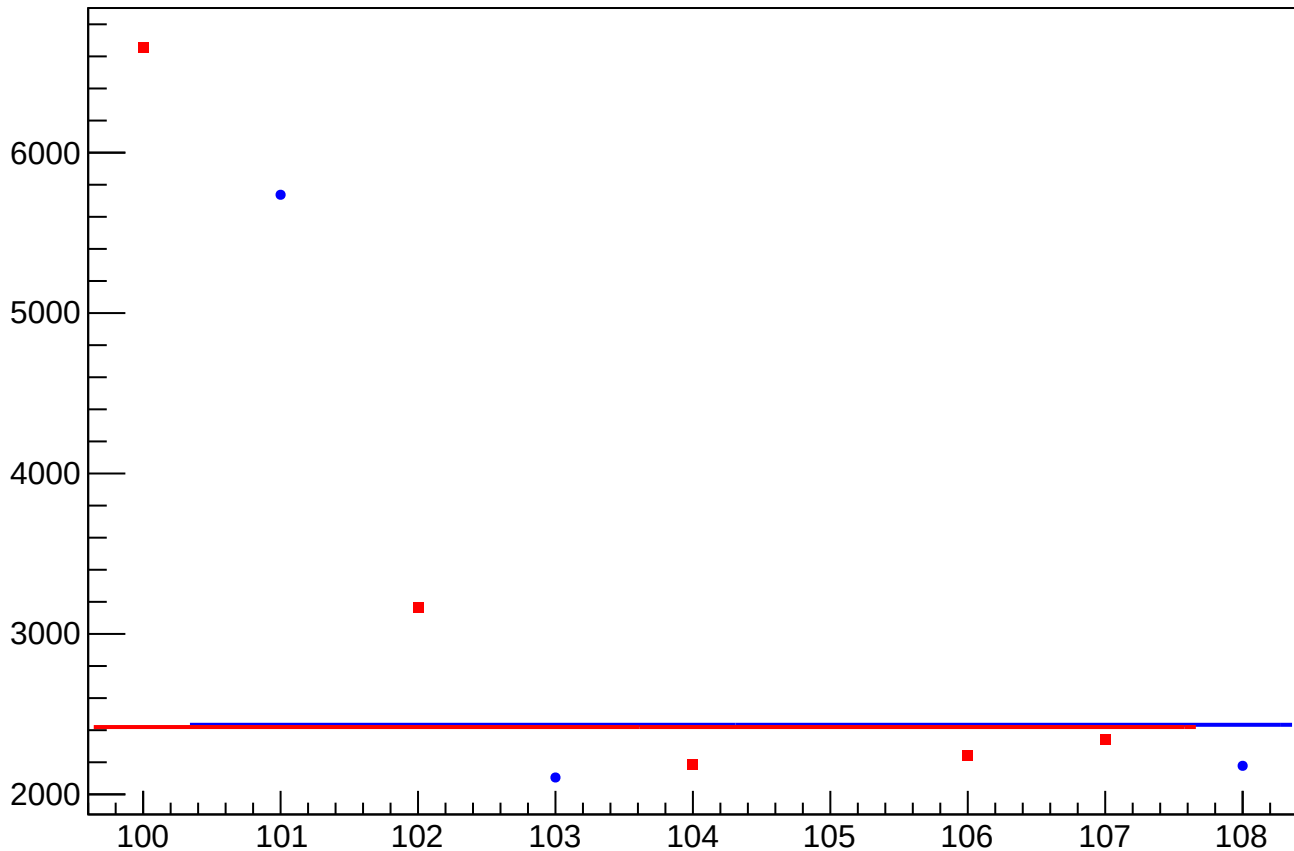
Right: 573.425+/-1411.550 χ^2/NDF : 7.2/7

In: -685.497+/-2046.774 χ^2/NDF : 4.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 573.425+/-1411.550 χ^2/NDF : 7.2/7

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2433.602+/-1.447 χ^2/NDF : 474897.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2419.644+/-1.378 χ^2/NDF : 125252.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

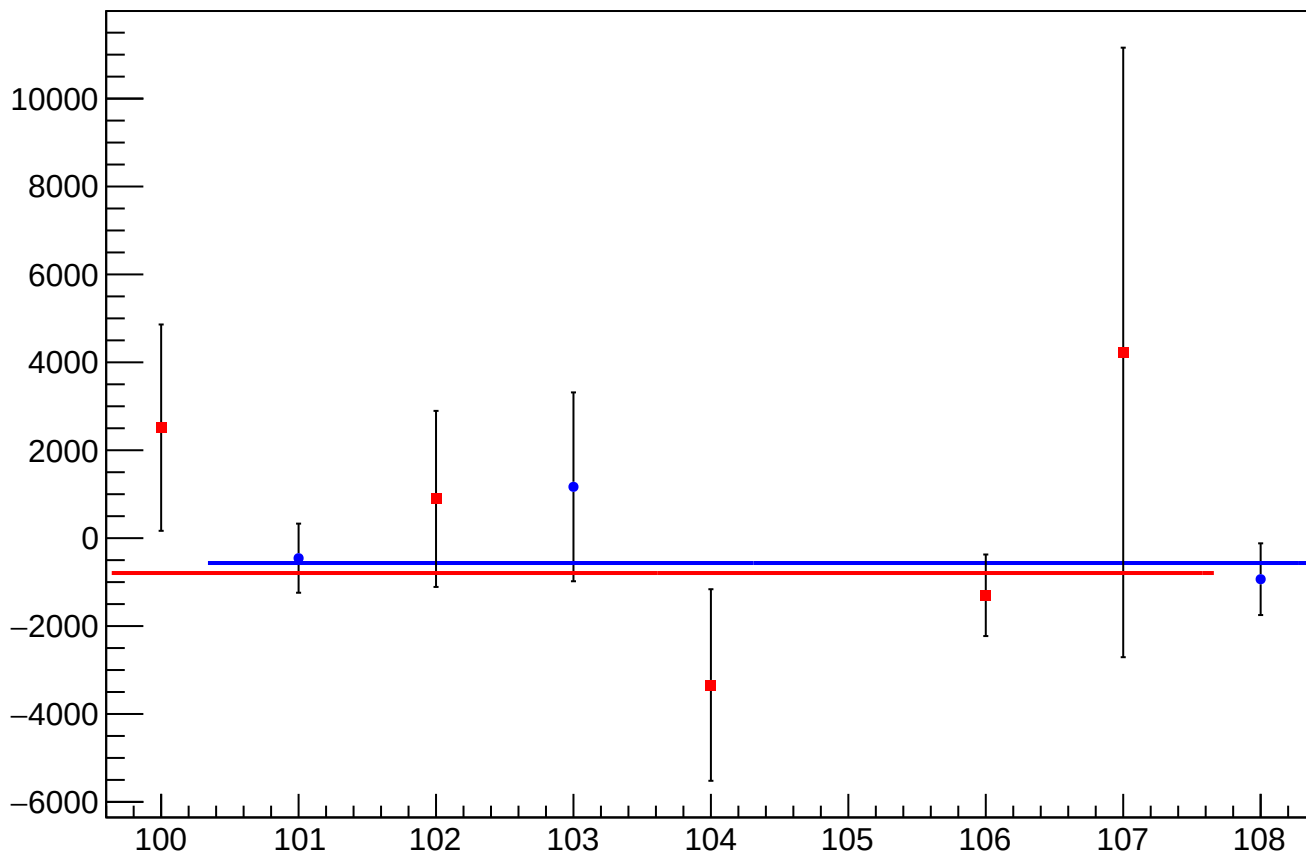
Right: 2426.282+/-0.998 χ^2/NDF : 600197.8/7

In: 2433.602+/-1.447 χ^2/NDF : 474897.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2426.282+/-0.998 χ^2/NDF : 600197.8/7

asym_at1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -565.382 $\pm$ 547.338 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -793.036 $\pm$ 740.421 χ^2 /NDF: 4.9/4

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

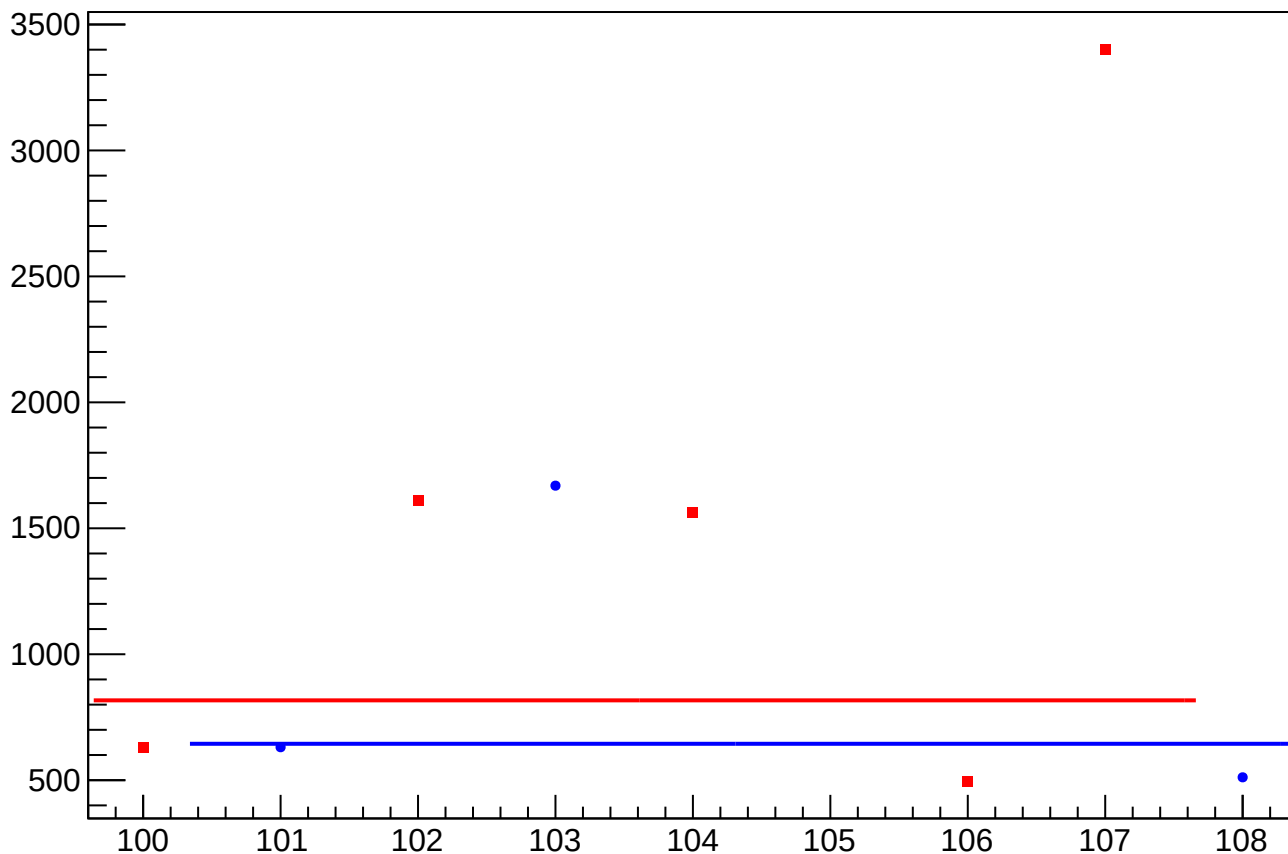
Right: -645.826 $\pm$ 440.136 χ^2 /NDF: 5.8/7

In: -565.382 $\pm$ 547.338 χ^2 /NDF:0.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -645.826 $\pm$ 440.136 χ^2 /NDF: 5.8/7

asym_at1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 644.550 $\pm$ 0.387 χ^2 /NDF: 508922.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 816.963 $\pm$ 0.524 χ^2 /NDF: 1079575.1/4

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

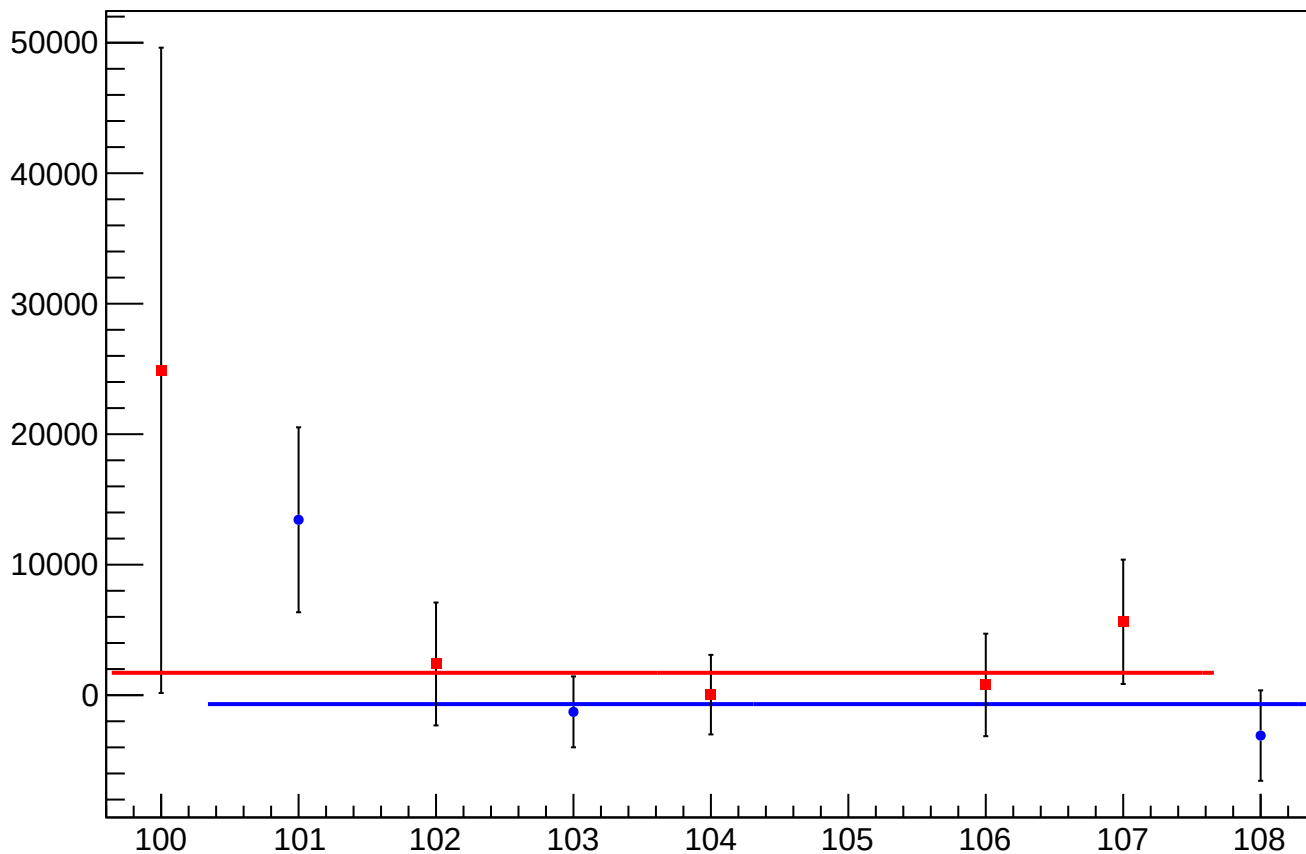
Right: 705.474 $\pm$ 0.311 χ^2 /NDF: 1658622.9/7

In: 644.550 $\pm$ 0.387 χ^2 /NDF:508922.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 705.474 $\pm$ 0.311 χ^2 /NDF: 1658622.9/7

eigen_dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: -685.501+/-2046.772 χ^2/NDF : 4.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1715.239+/-1949.260 χ^2/NDF : 1.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

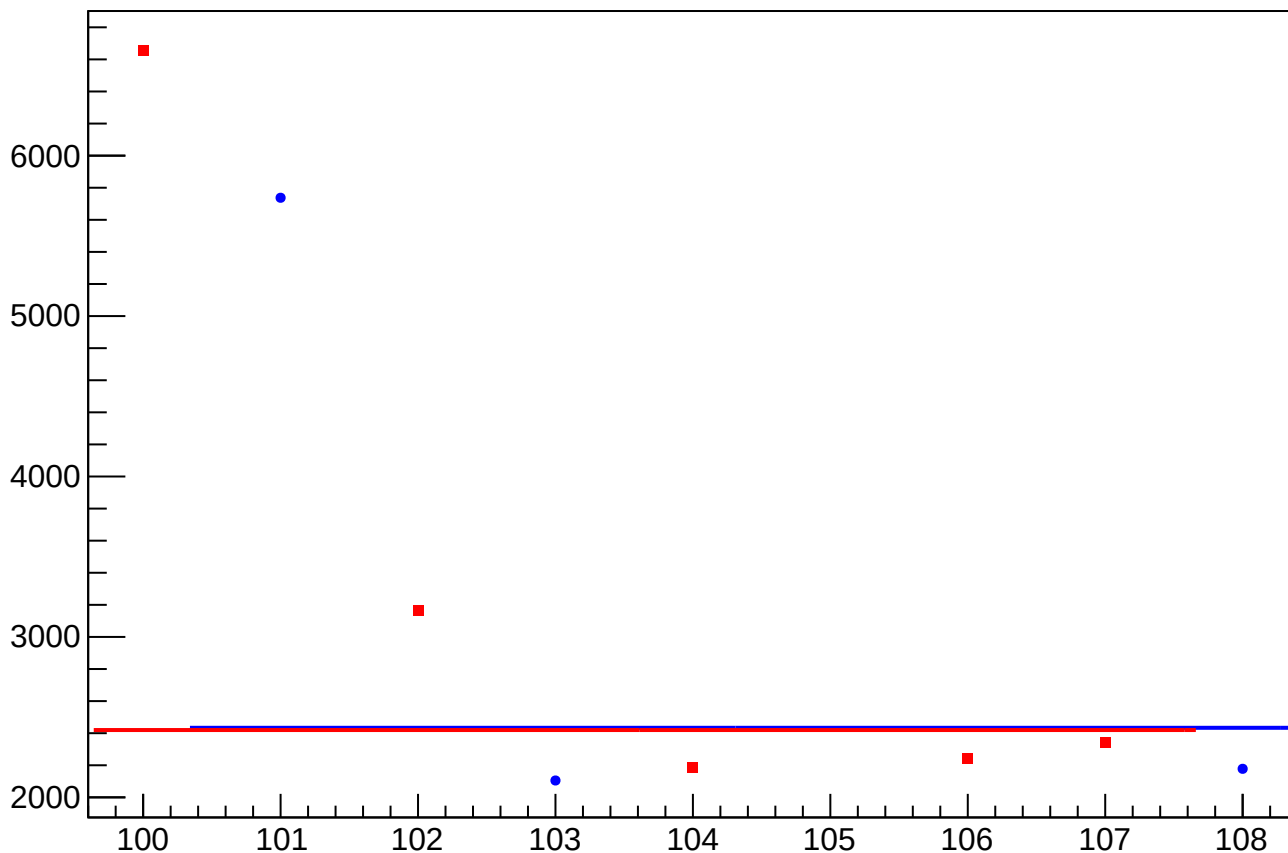
Right: 573.418+/-1411.549 χ^2/NDF : 7.2/7

In: -685.501+/-2046.772 χ^2/NDF : 4.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 573.418+/-1411.549 χ^2/NDF : 7.2/7

eigen_dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2433.599+/-1.447 χ^2/NDF : 474897.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2419.641+/-1.378 χ^2/NDF : 125251.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

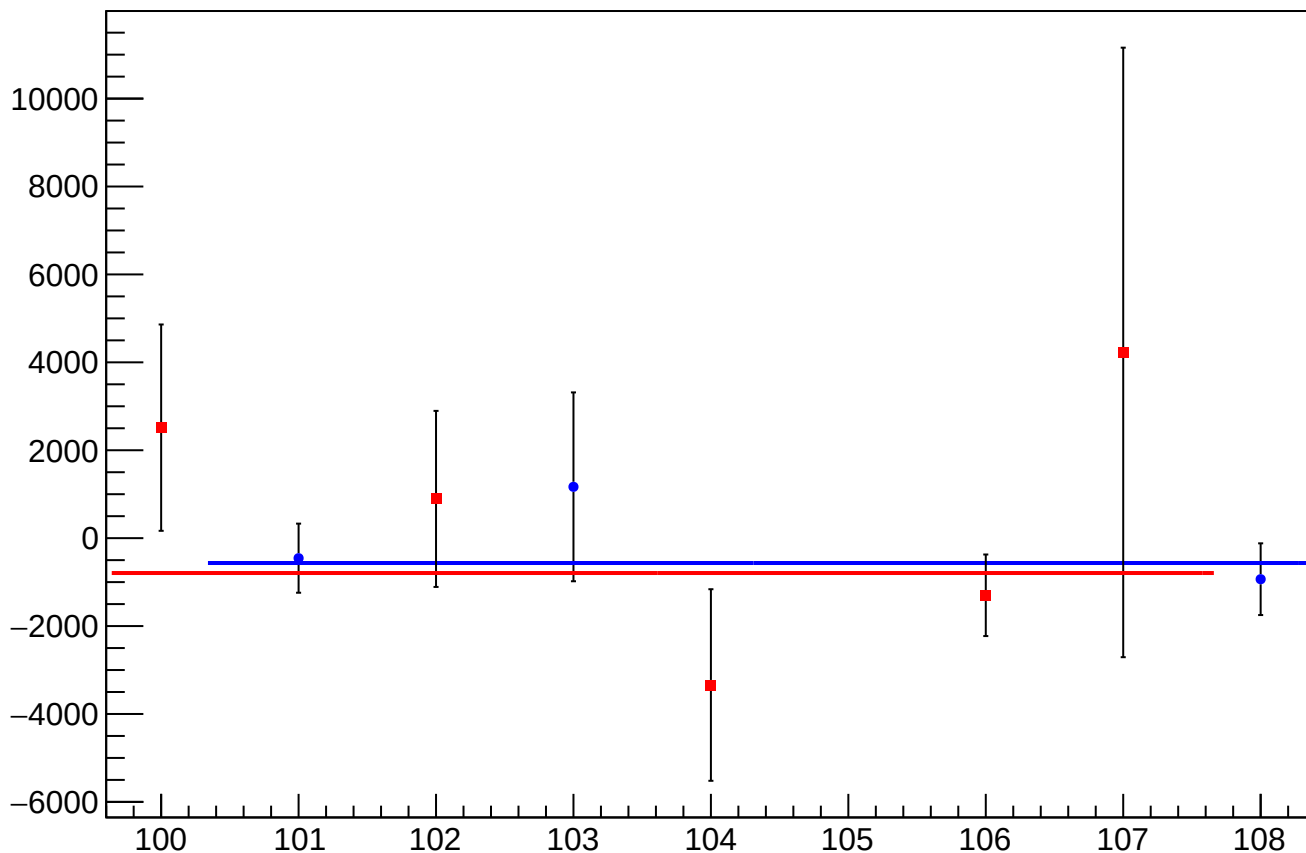
Right: 2426.280+/-0.998 χ^2/NDF : 600198.4/7

In: 2433.599+/-1.447 χ^2/NDF : 474897.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2426.280+/-0.998 χ^2/NDF : 600198.4/7

asym_at1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -565.380+/-547.337 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -793.034+/-740.421 χ^2/NDF : 4.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

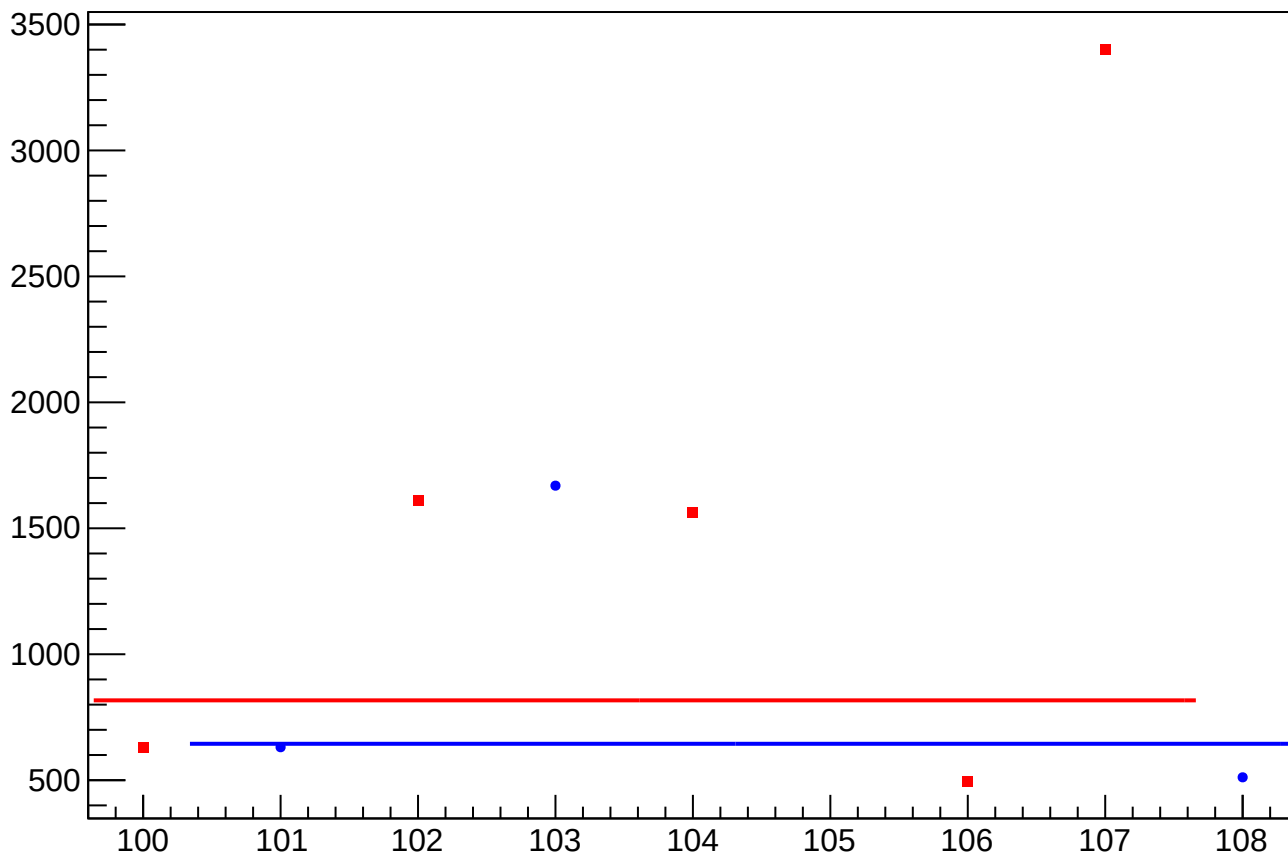
Right: -645.824+/-440.136 χ^2/NDF : 5.8/7

In: -565.380+/-547.337 χ^2/NDF : 0.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -645.824+/-440.136 χ^2/NDF : 5.8/7

asym_at1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 644.549+/-0.387 χ^2/NDF : 508925.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 816.962+/-0.524 χ^2/NDF : 1079579.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

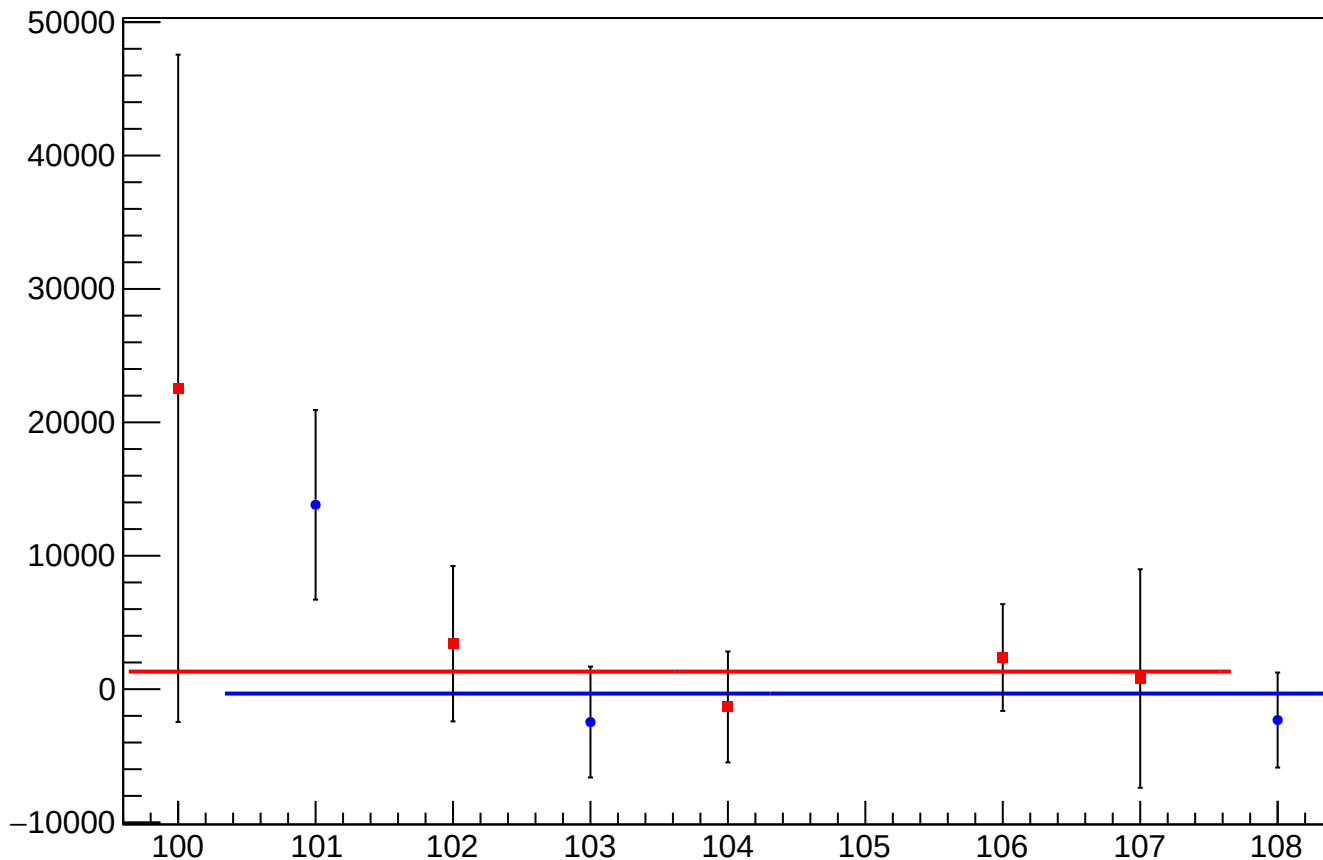
Right: 705.473+/-0.311 χ^2/NDF : 1658630.3/7

In: 644.549+/-0.387 χ^2/NDF : 508925.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 705.473+/-0.311 χ^2/NDF : 1658630.3/7

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: -329.421+/-2527.814 χ^2/NDF : 4.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1318.860+/-2452.252 χ^2/NDF : 1.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

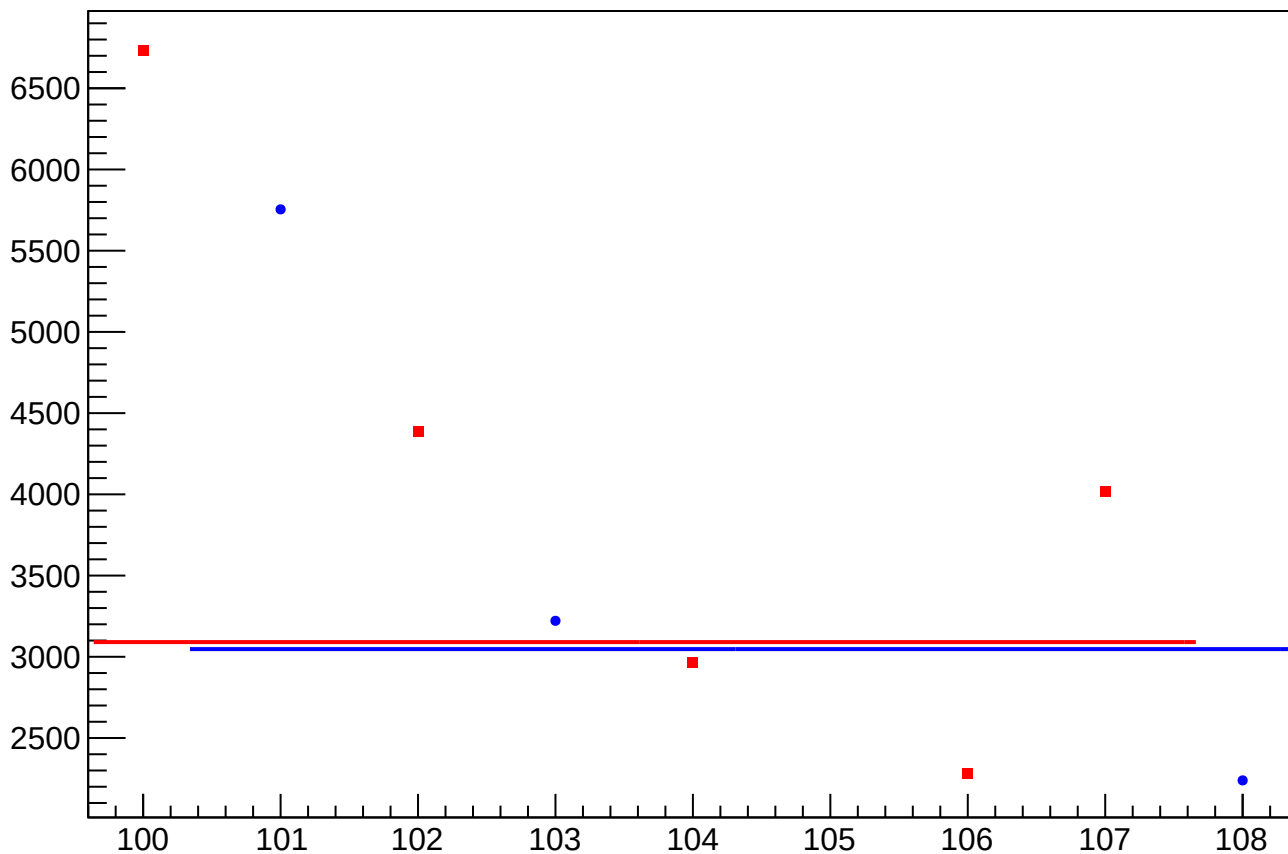
Right: 519.723+/-1760.111 χ^2/NDF : 6.1/7

In: -329.421+/-2527.814 χ^2/NDF : 4.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 519.723+/-1760.111 χ^2/NDF : 6.1/7

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 3047.280+/-1.787 χ^2/NDF : 396737.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3090.510+/-1.734 χ^2/NDF : 250616.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

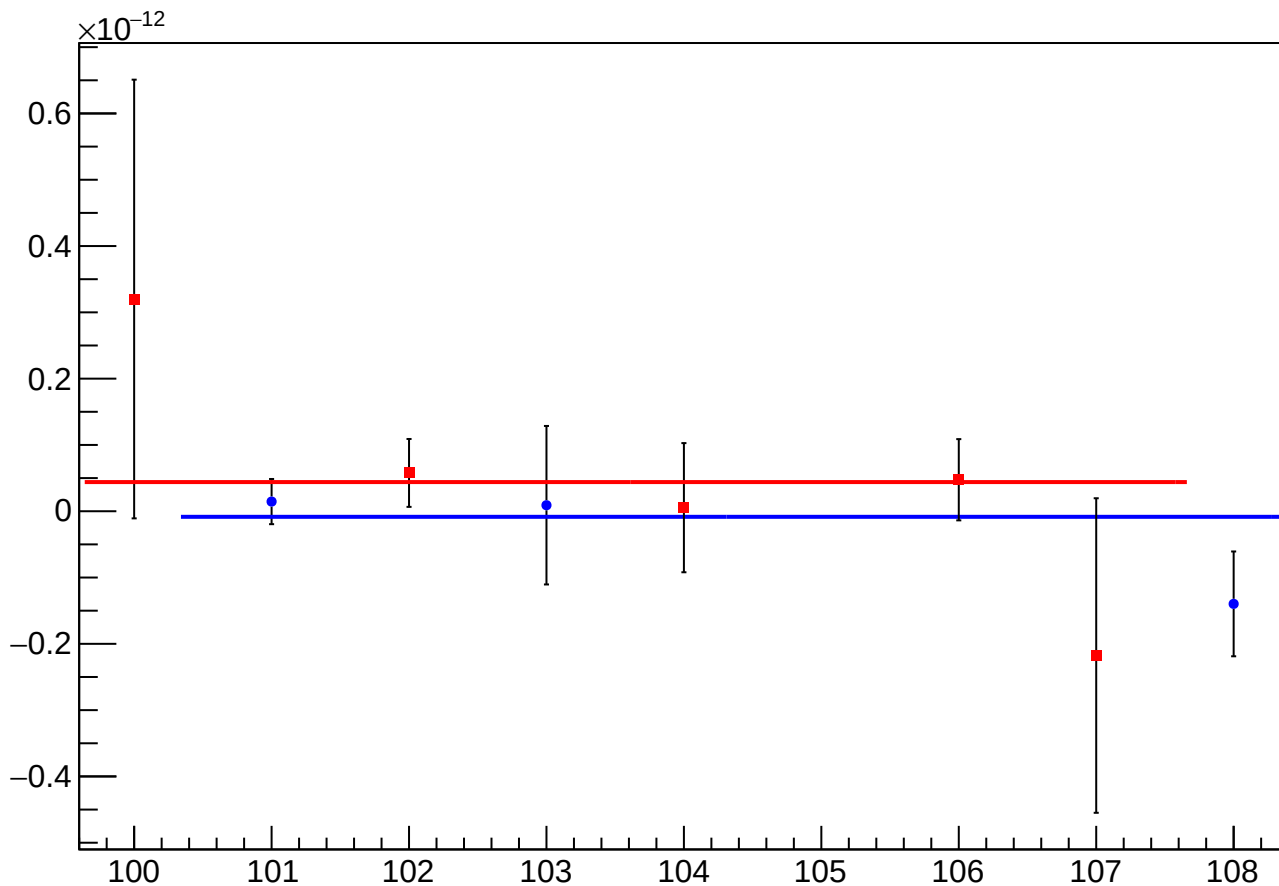
Right: 3069.552+/-1.245 χ^2/NDF : 647654.7/7

In: 3047.280+/-1.787 χ^2/NDF : 396737.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3069.552+/-1.245 χ^2/NDF : 647654.7/7

asym_at1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 3.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 2.1/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

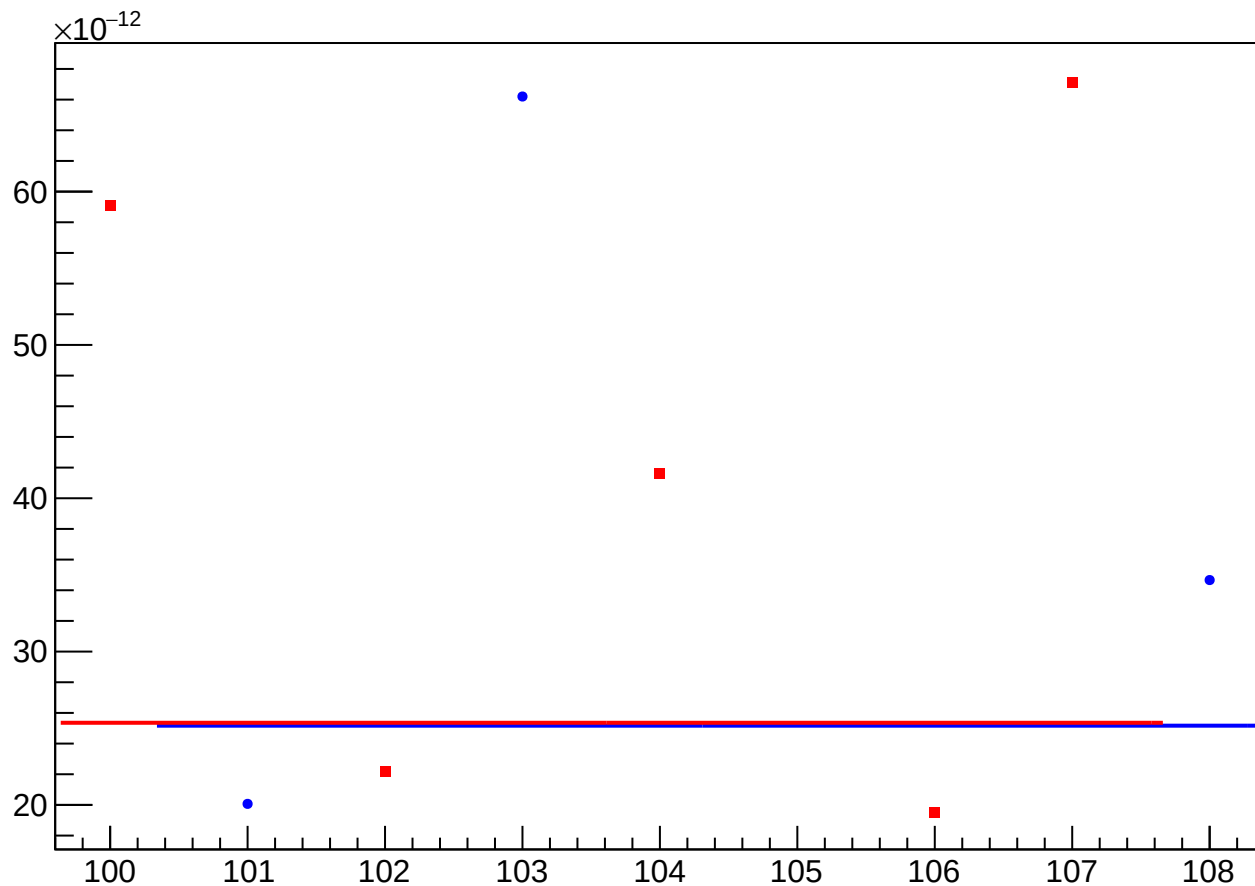
Right: 0.000+/-0.000 χ^2 /NDF: 6.6/7

In: -0.000+/-0.000 χ^2 /NDF:3.2/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 6.6/7

asym_at1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 309317.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 164422.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

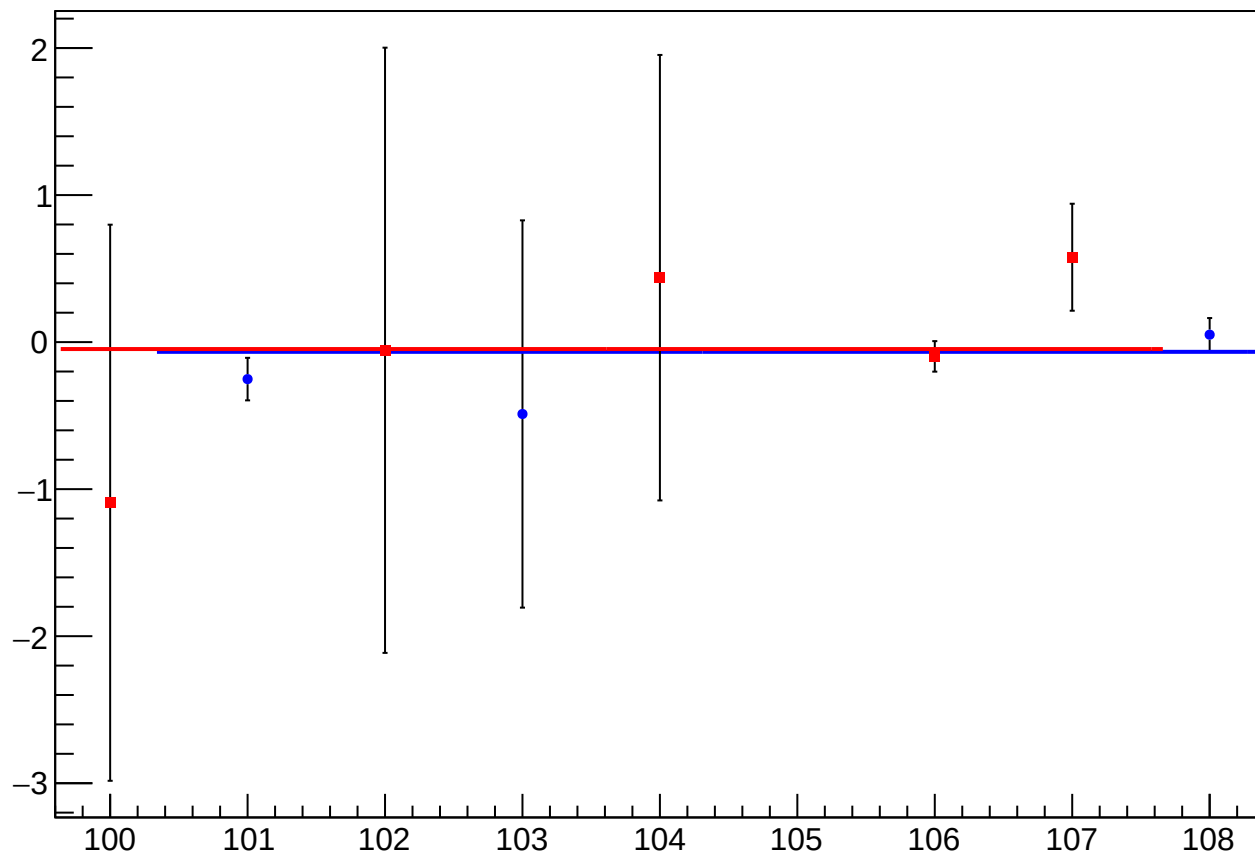
Right: 0.000+/-0.000 χ^2/NDF : 473772.6/7

In: 0.000+/-0.000 χ^2/NDF : 309317.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 473772.6/7

asym_at1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.066 $\pm$ 0.089 χ^2 /NDF: 2.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.047 $\pm$ 0.099 χ^2 /NDF: 3.6/4

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

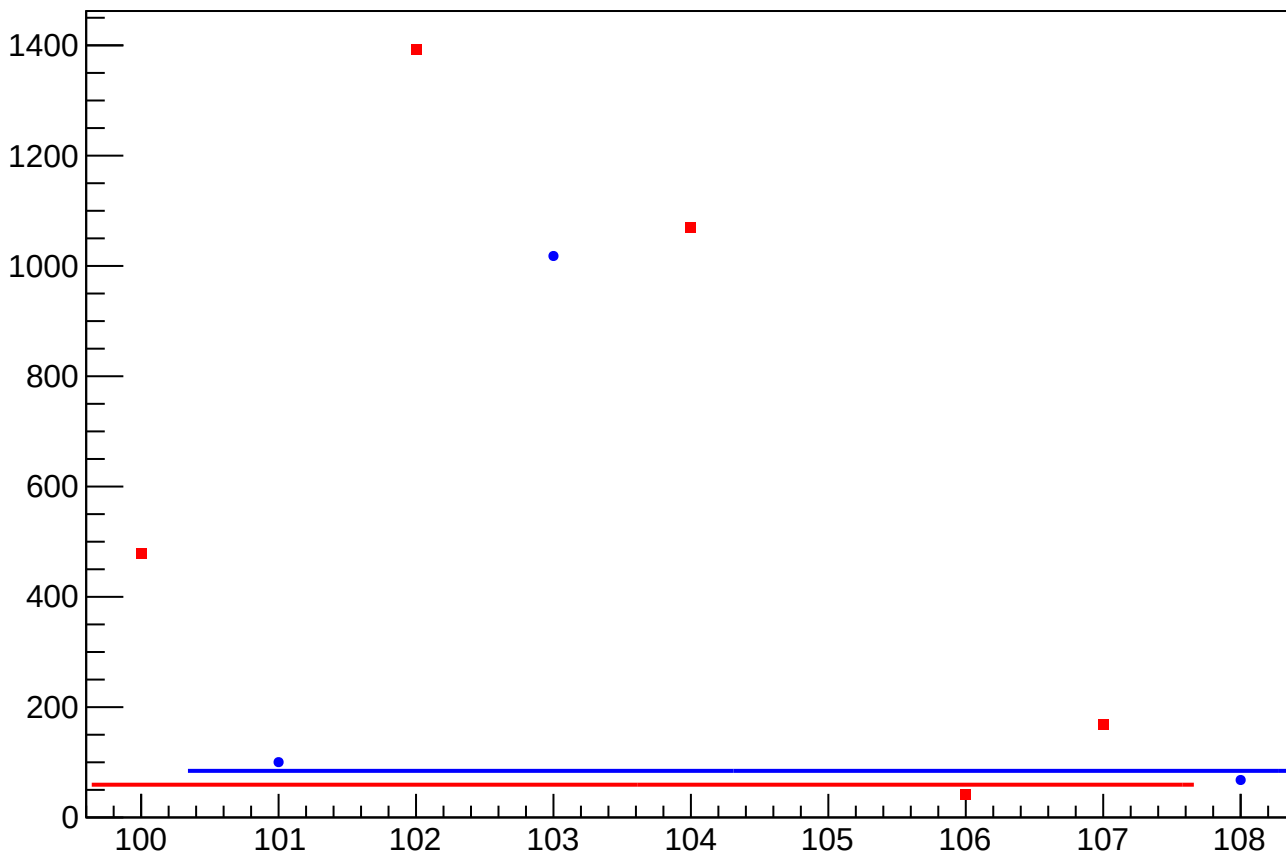
Right: -0.058 $\pm$ 0.066 χ^2 /NDF: 6.4/7

In: -0.066 $\pm$ 0.089 χ^2 /NDF:2.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.058 $\pm$ 0.066 χ^2 /NDF: 6.4/7

asym_at1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 84.489+/-0.063 χ^2/NDF : 1071802.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.389+/-0.070 χ^2/NDF : 2074233.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

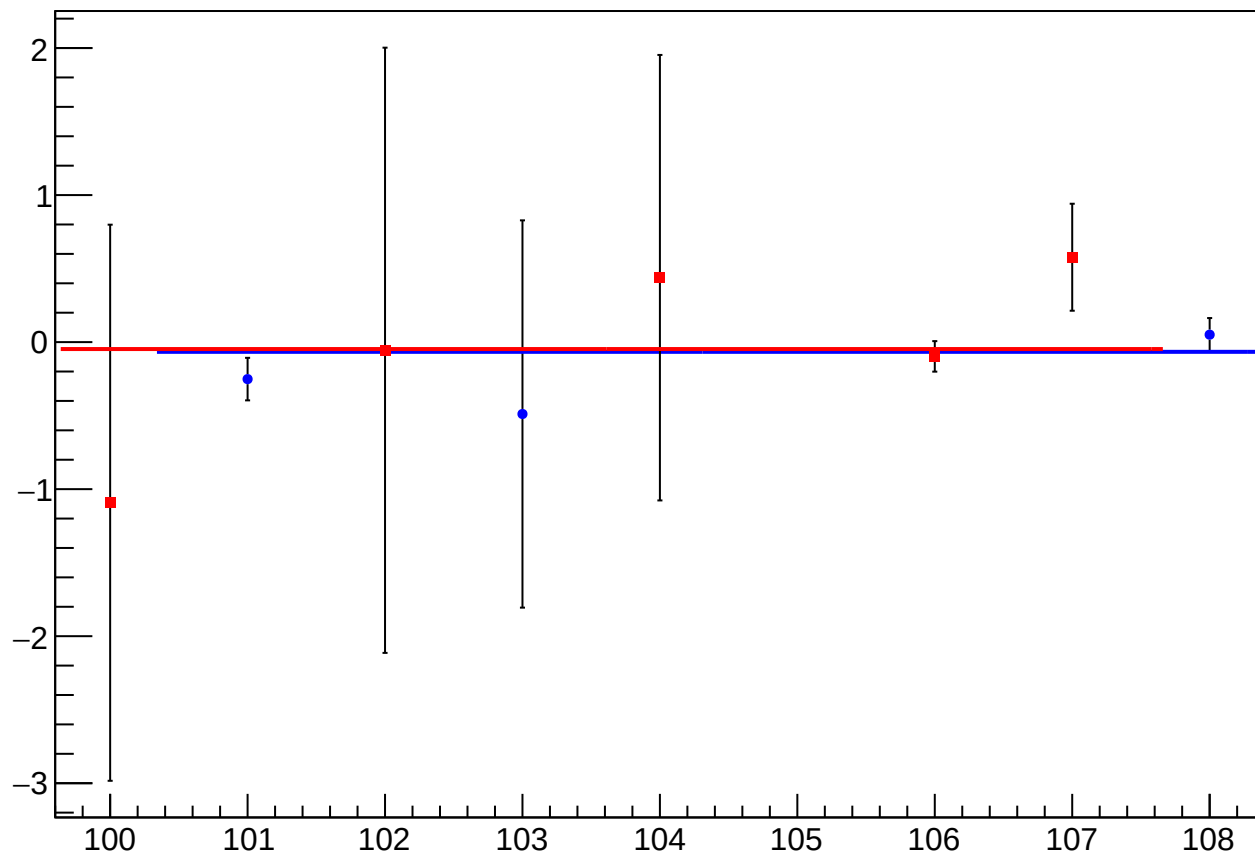
Right: 73.323+/-0.047 χ^2/NDF : 3216917.8/7

In: 84.489+/-0.063 χ^2/NDF : 1071802.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.323+/-0.047 χ^2/NDF : 3216917.8/7

asym_at1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.066+/-0.089 χ^2/NDF : 2.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.047+/-0.099 χ^2/NDF : 3.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

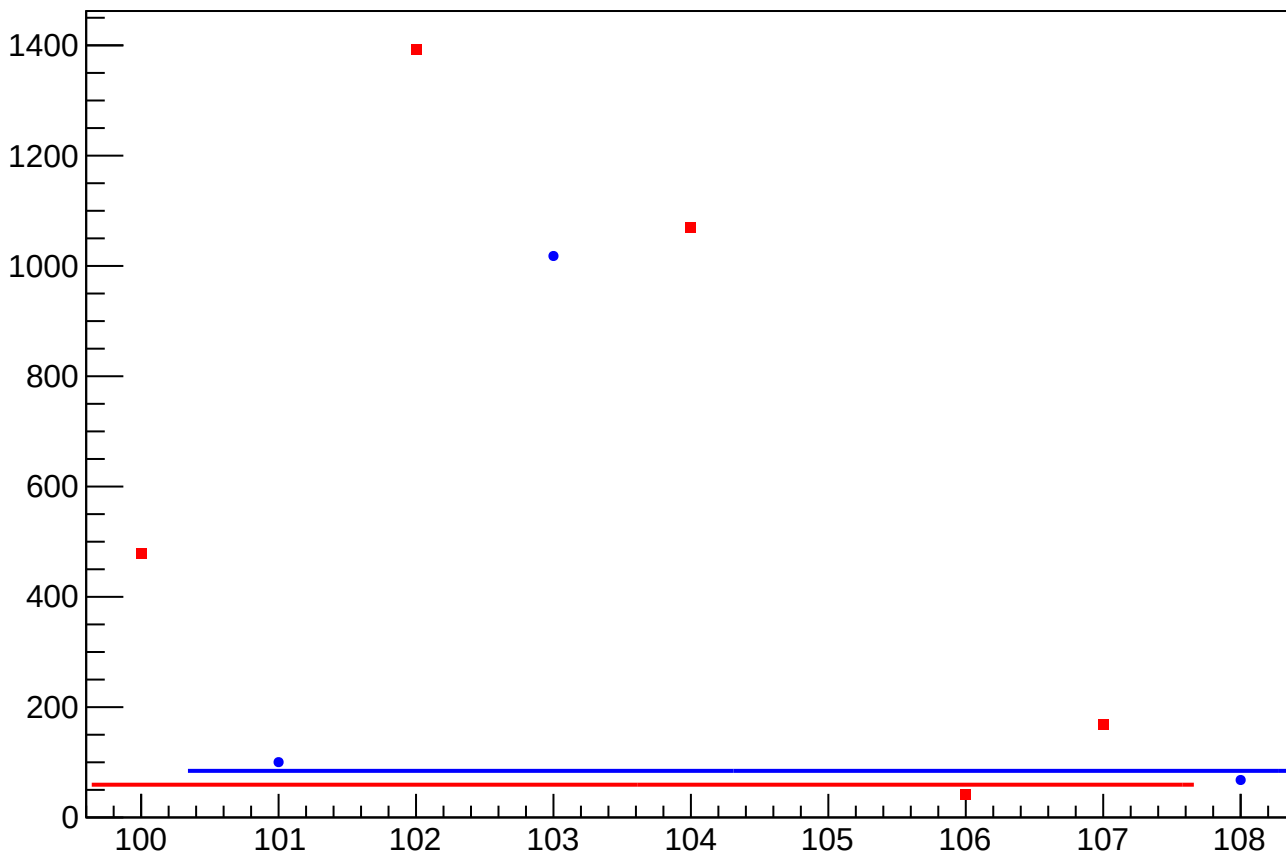
Right: -0.058+/-0.066 χ^2/NDF : 6.4/7

In: -0.066+/-0.089 χ^2/NDF : 2.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.058+/-0.066 χ^2/NDF : 6.4/7

asym_at1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 84.489+/-0.063 χ^2/NDF : 1071802.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.389+/-0.070 χ^2/NDF : 2074233.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

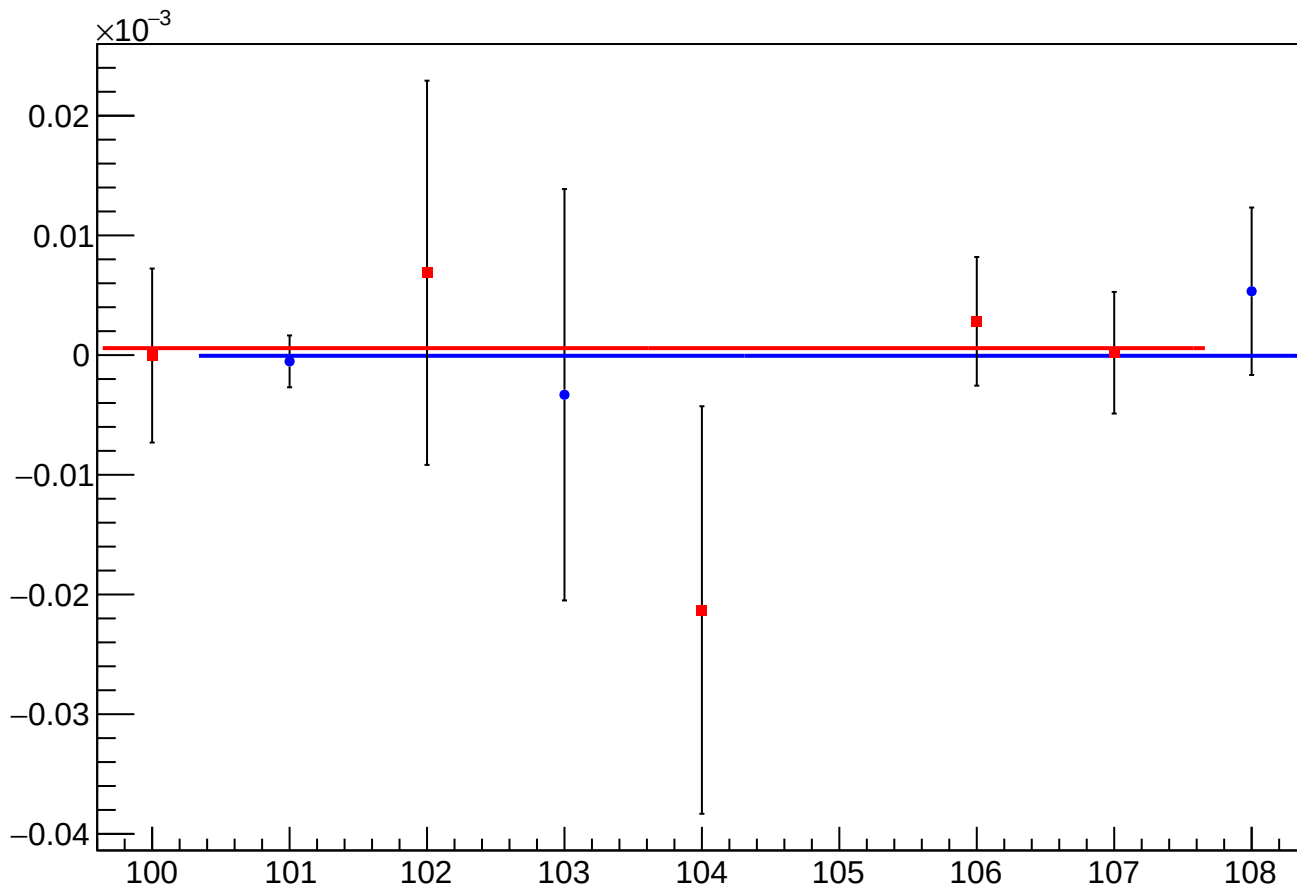
Right: 73.323+/-0.047 χ^2/NDF : 3216917.8/7

In: 84.489+/-0.063 χ^2/NDF : 1071802.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.323+/-0.047 χ^2/NDF : 3216917.8/7

asym_at1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

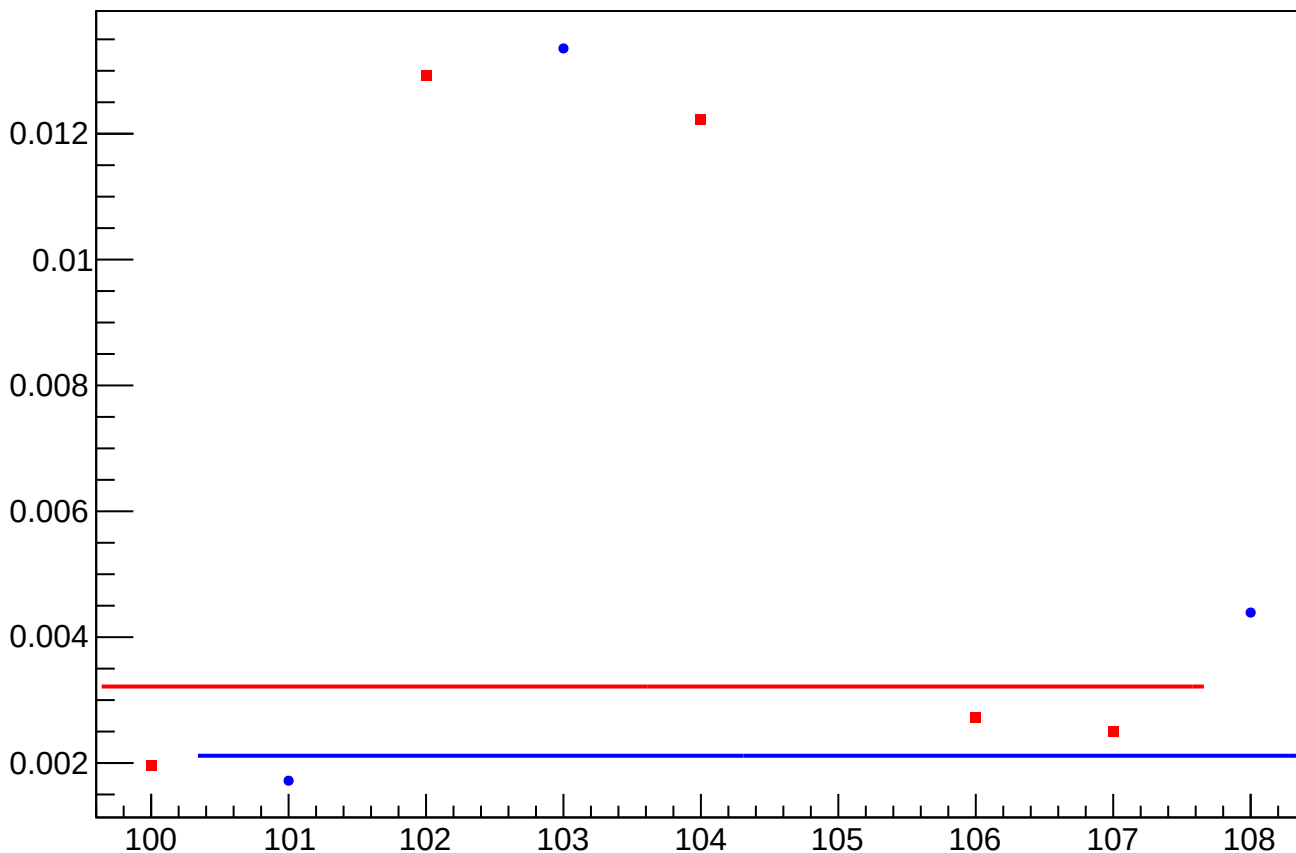
Right: 0.000+/-0.000 χ^2/NDF : 2.7/7

In: -0.000+/-0.000 χ^2/NDF : 0.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2.7/7

asym_at1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1134446.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1408516.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

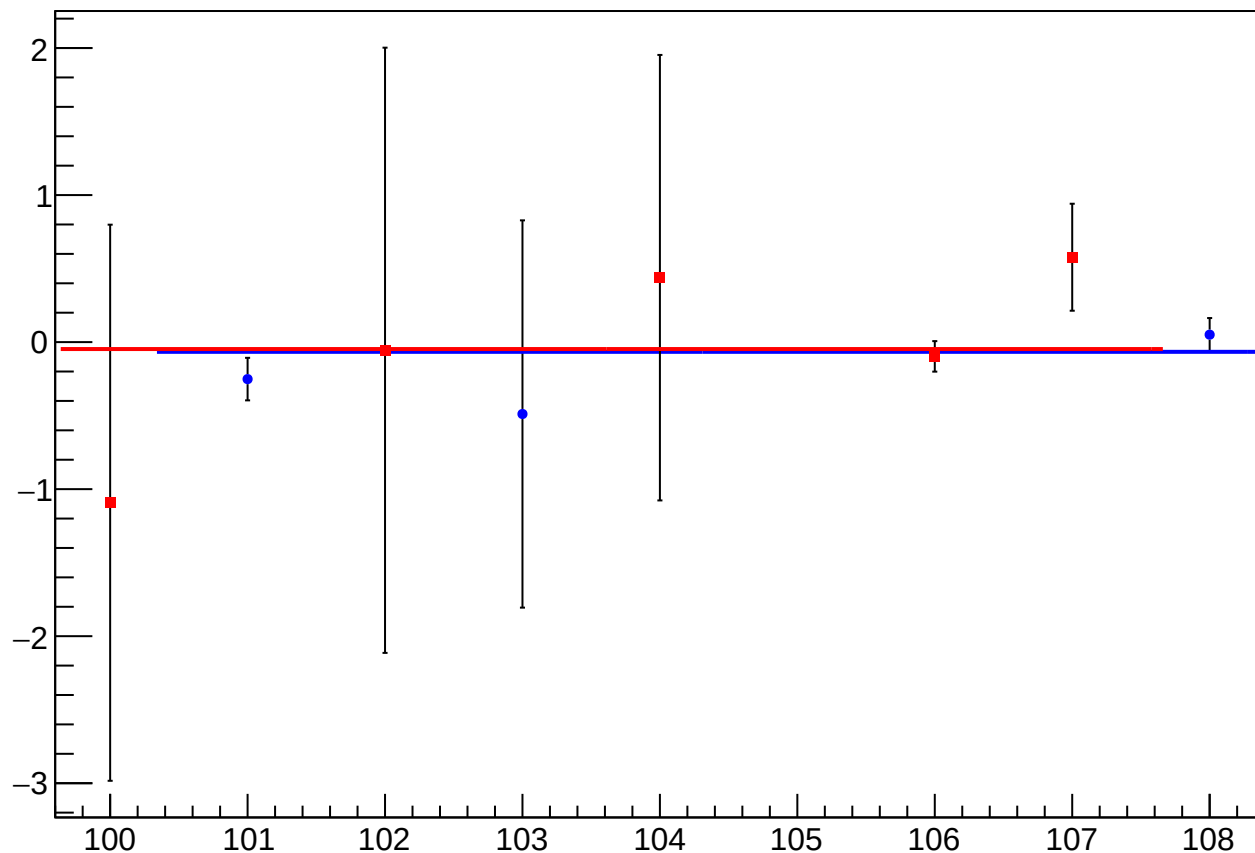
Right: 0.002+/-0.000 χ^2/NDF : 2712737.0/7

In: 0.002+/-0.000 χ^2/NDF : 1134446.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2712737.0/7

asym_at1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.066+/-0.089 χ^2/NDF : 2.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.047+/-0.099 χ^2/NDF : 3.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

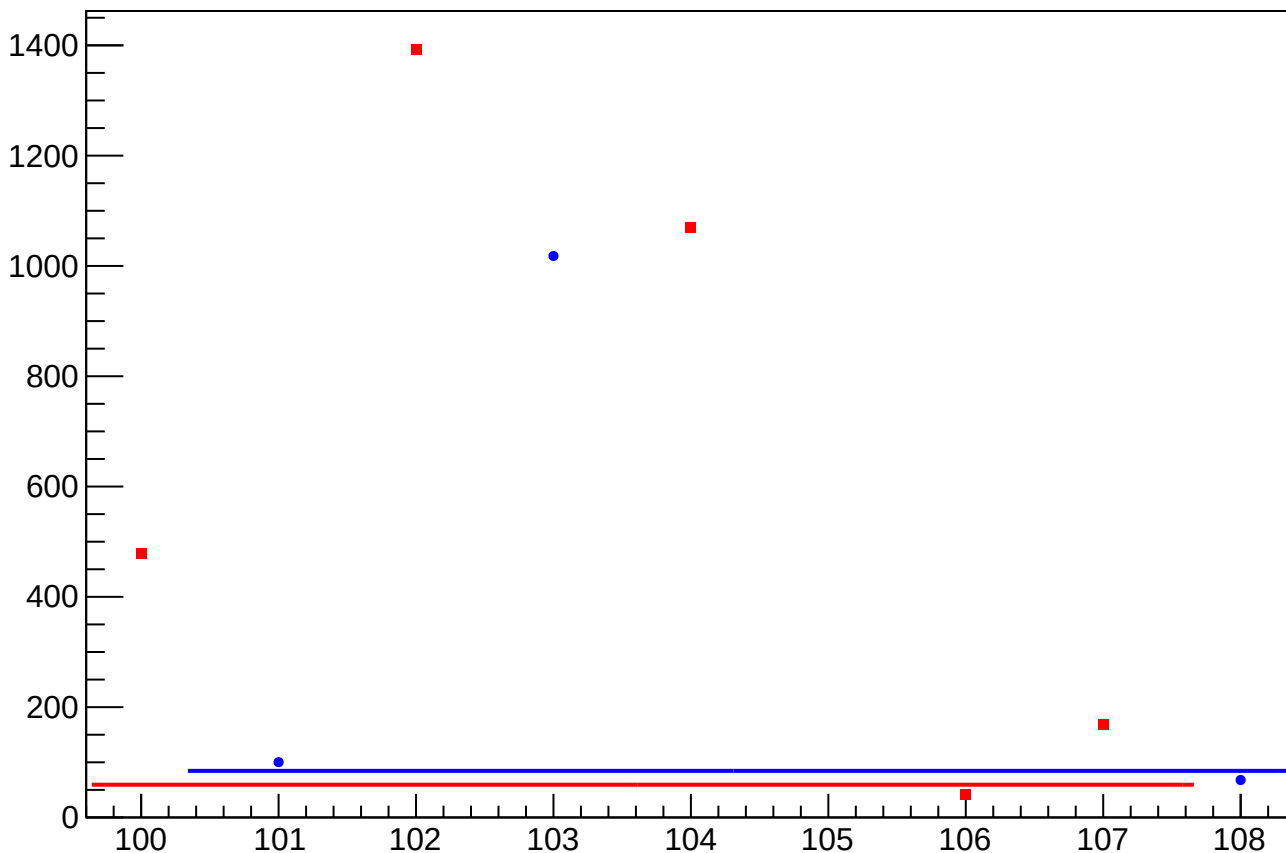
Right: -0.058+/-0.066 χ^2/NDF : 6.4/7

In: -0.066+/-0.089 χ^2/NDF : 2.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.058+/-0.066 χ^2/NDF : 6.4/7

asym_at1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 84.491+/-0.063 χ^2/NDF : 1071782.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.384+/-0.070 χ^2/NDF : 2074259.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

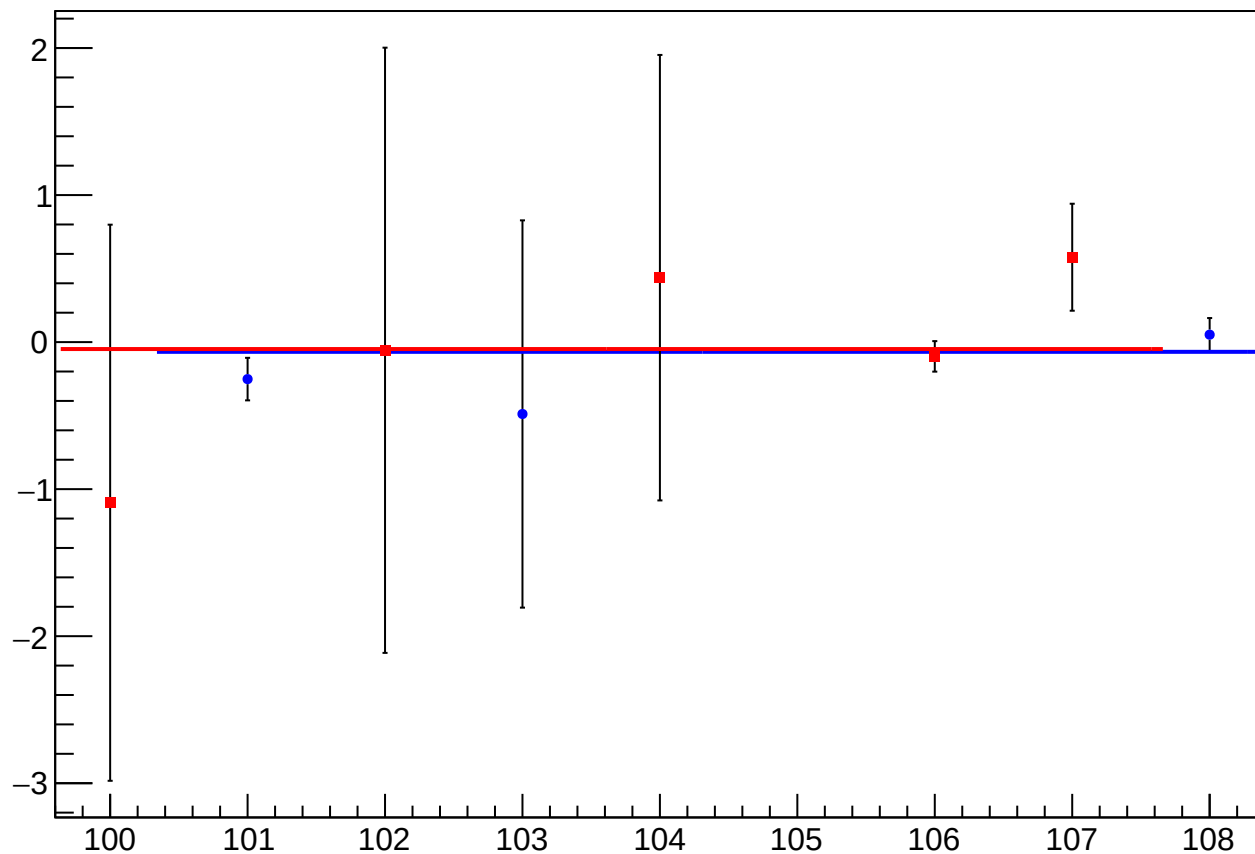
Right: 73.321+/-0.047 χ^2/NDF : 3216970.1/7

In: 84.491+/-0.063 χ^2/NDF : 1071782.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.321+/-0.047 χ^2/NDF : 3216970.1/7

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.066+/-0.089 χ^2/NDF : 2.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.047+/-0.099 χ^2/NDF : 3.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

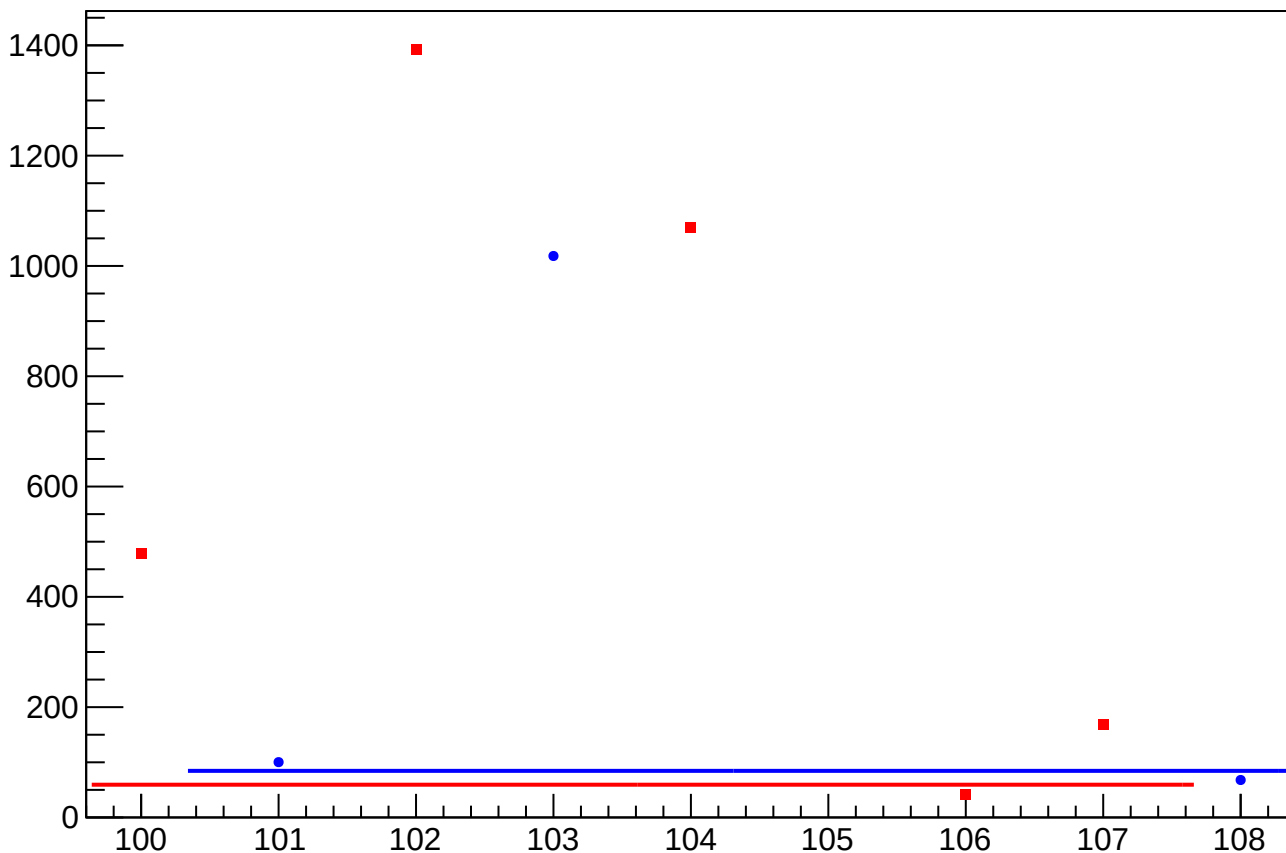
Right: -0.058+/-0.066 χ^2/NDF : 6.4/7

In: -0.066+/-0.089 χ^2/NDF : 2.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.058+/-0.066 χ^2/NDF : 6.4/7

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 84.491+/-0.063 χ^2/NDF : 1071782.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.384+/-0.070 χ^2/NDF : 2074259.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

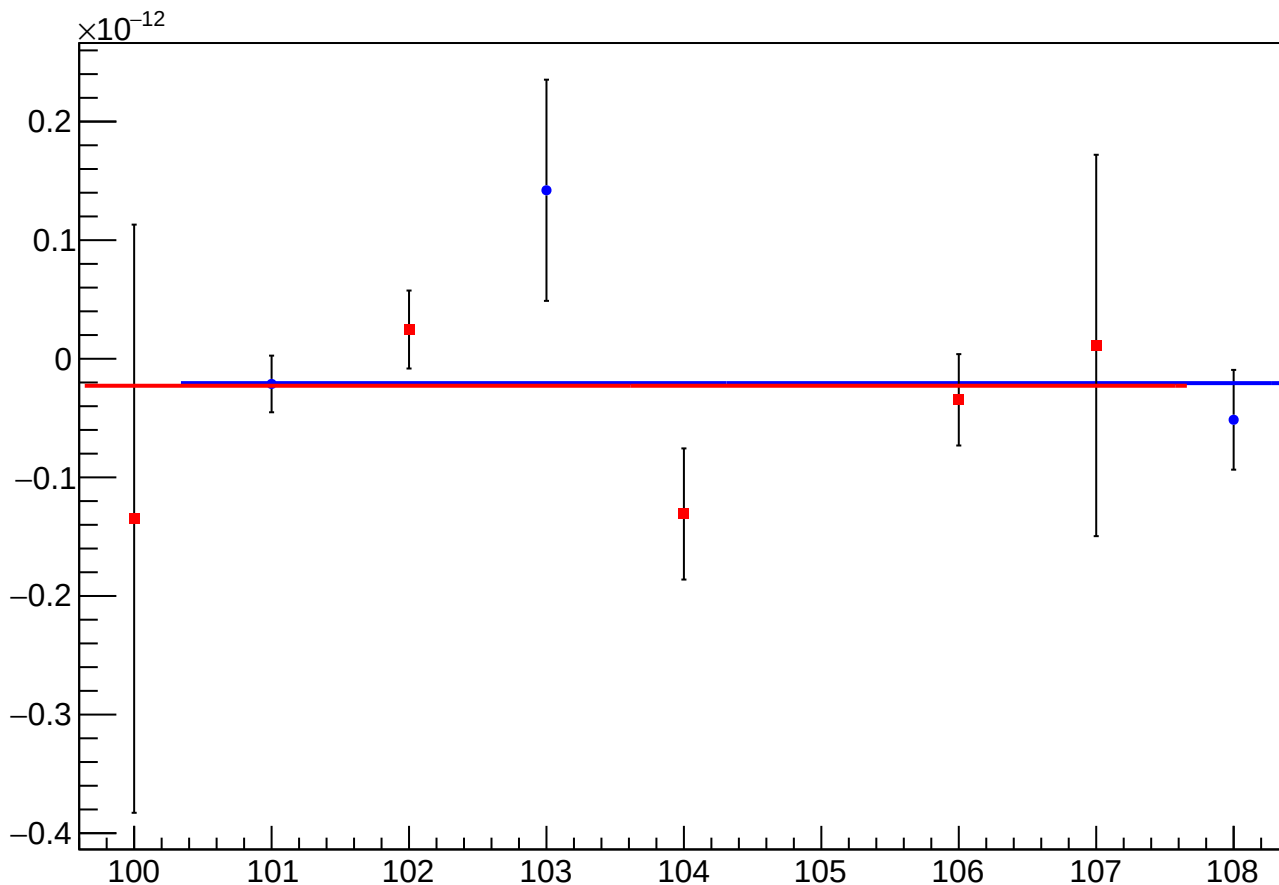
Right: 73.321+/-0.047 χ^2/NDF : 3216970.1/7

In: 84.491+/-0.063 χ^2/NDF : 1071782.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.321+/-0.047 χ^2/NDF : 3216970.1/7

asym_at1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.6/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.2/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

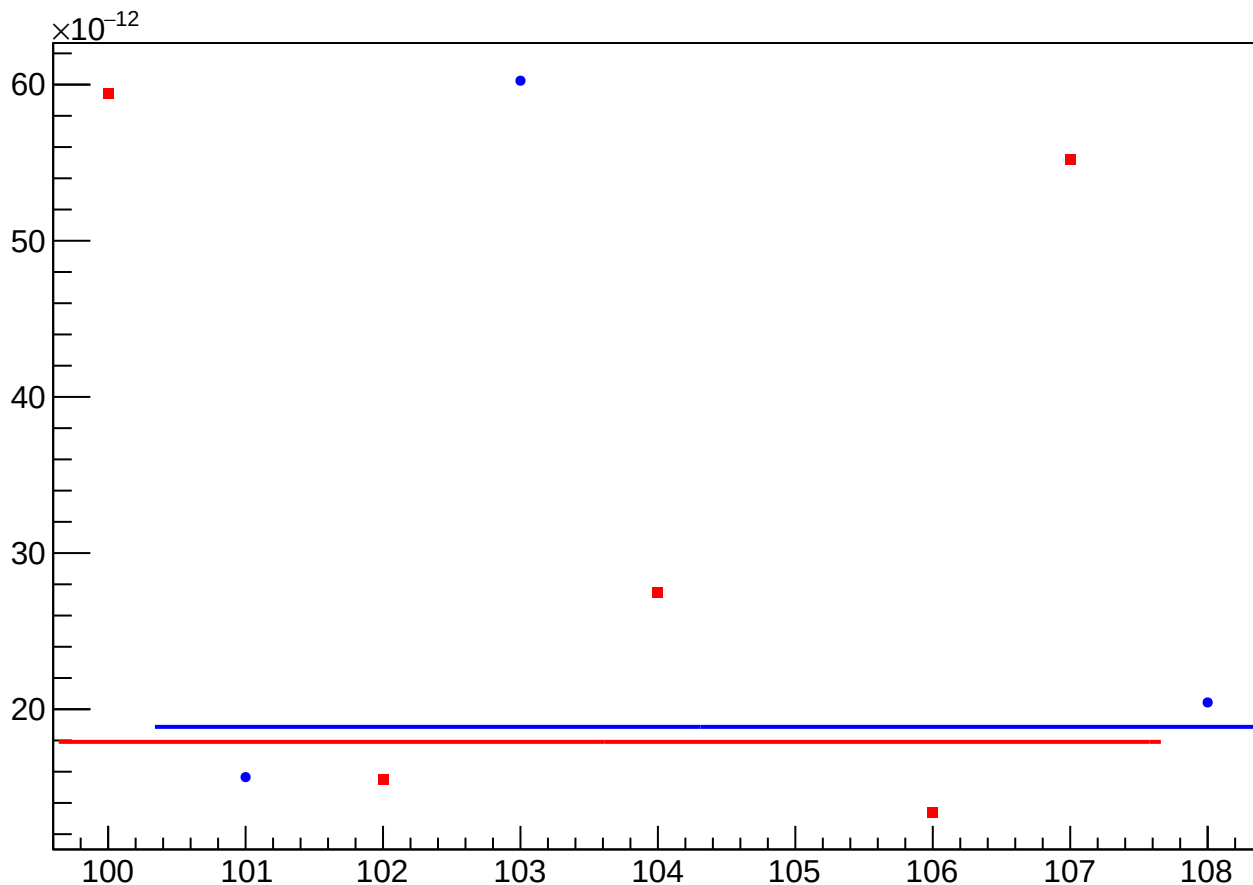
Right: -0.000+/-0.000 χ^2/NDF : 9.8/7

In: -0.000+/-0.000 χ^2/NDF :3.6/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.8/7

asym_at1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 432876.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 261854.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

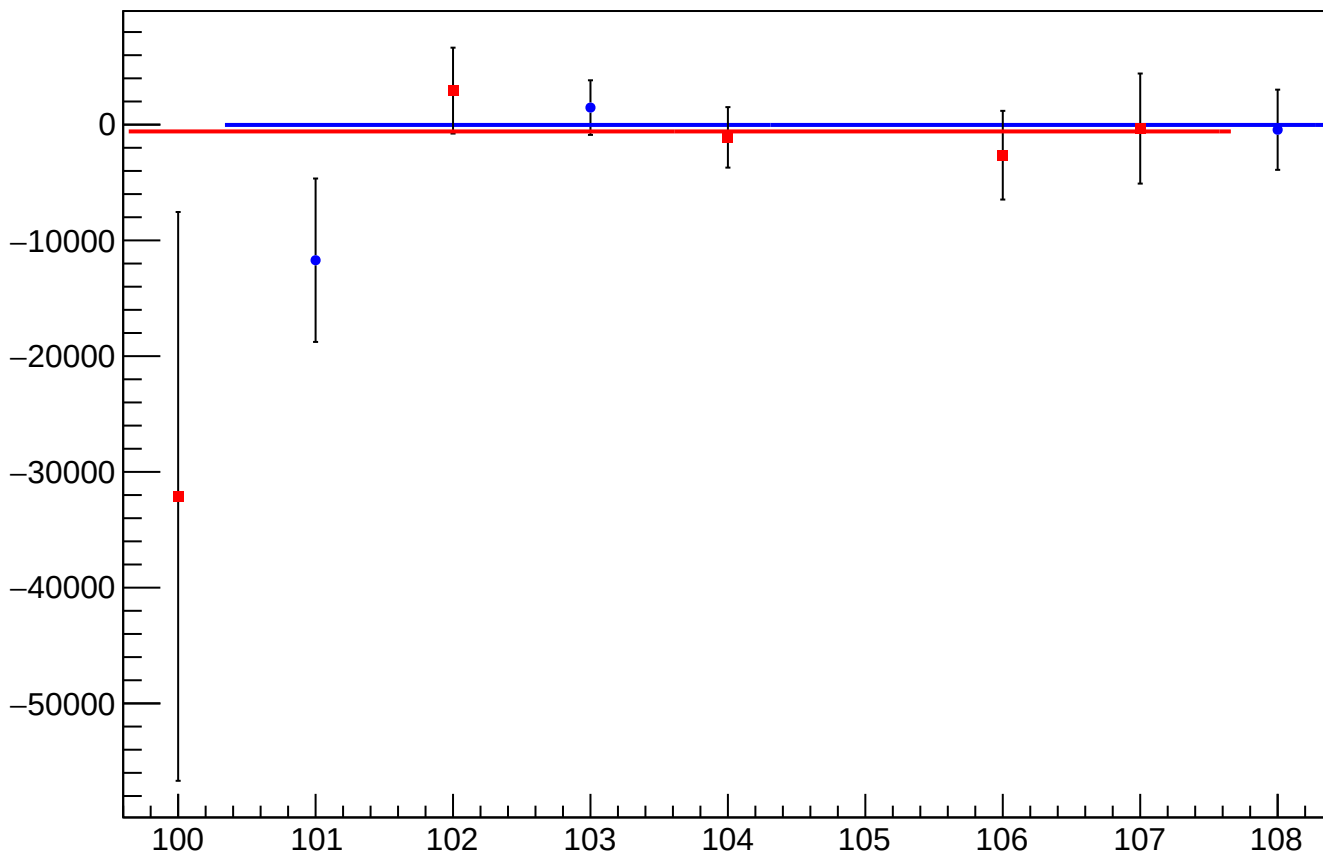
Right: 0.000+/-0.000 χ^2/NDF : 696744.8/7

In: 0.000+/-0.000 χ^2/NDF : 432876.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 696744.8/7

reg_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -25.138+/-1879.095 χ^2/NDF : 3.2/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -586.729+/-1732.644 χ^2/NDF : 2.9/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

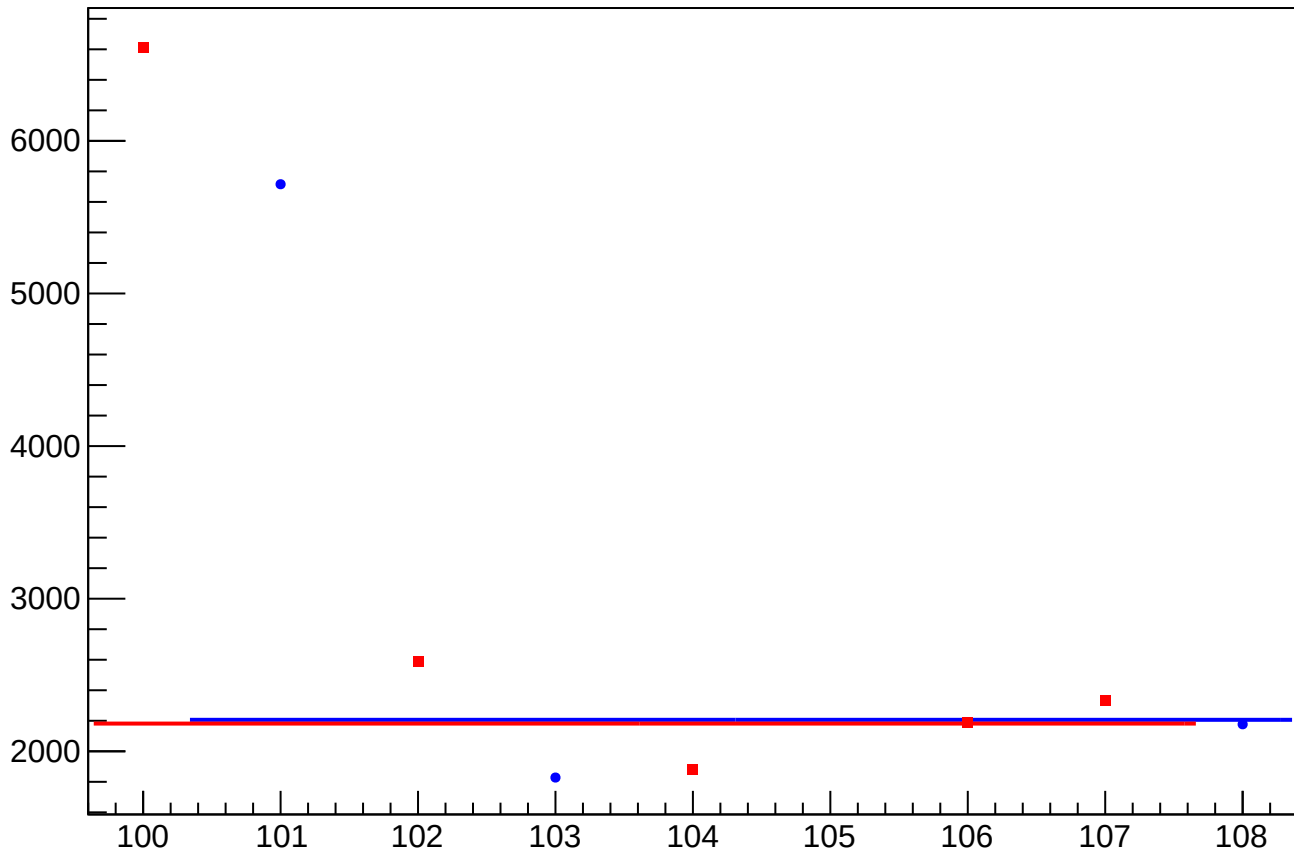
Right: -328.668+/-1273.796 χ^2/NDF : 6.1/7

In: -25.138+/-1879.095 χ^2/NDF :3.2/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -328.668+/-1273.796 χ^2/NDF : 6.1/7

reg_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2206.338+/-1.329 χ^2/NDF : 546018.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2181.690+/-1.225 χ^2/NDF : 118304.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

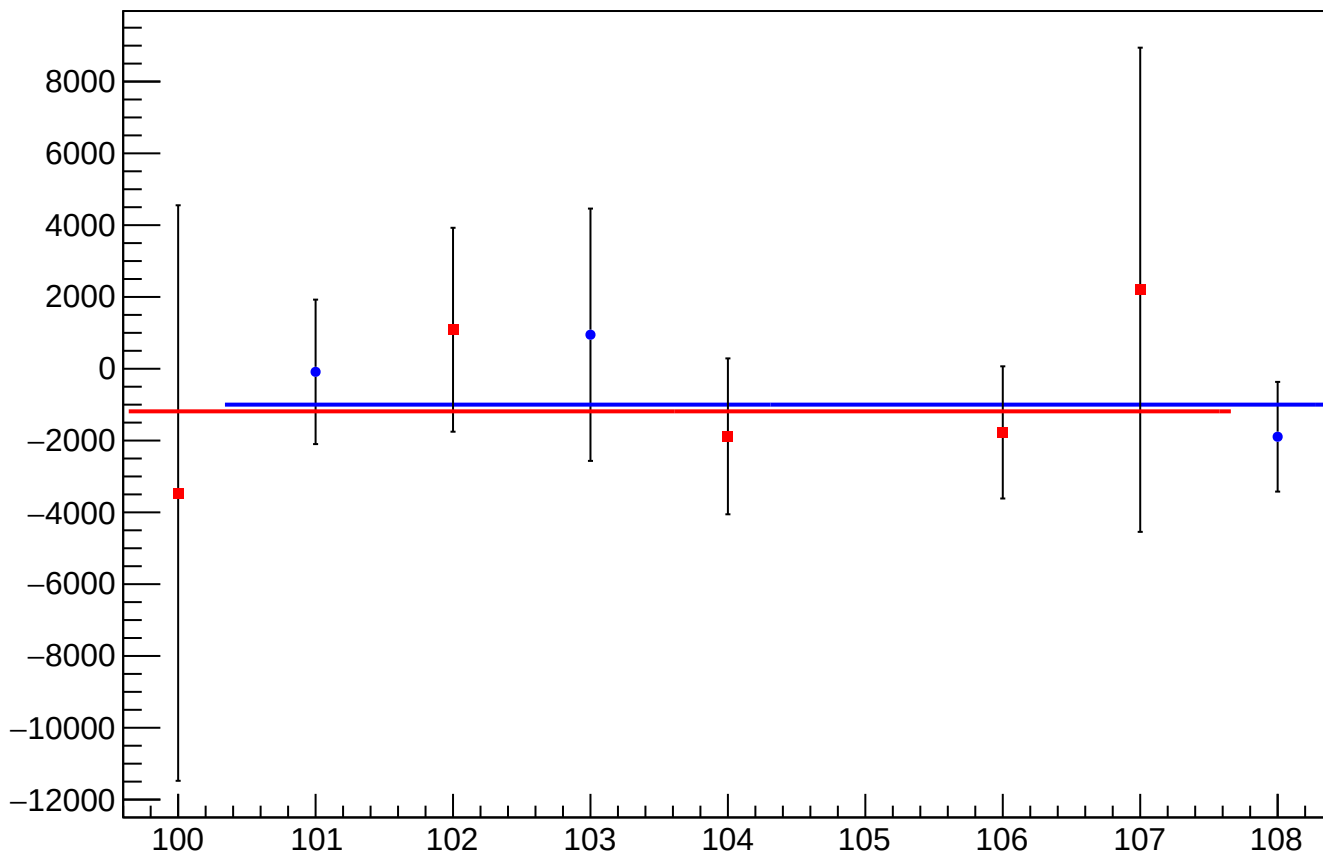
Right: 2193.016+/-0.901 χ^2/NDF : 664509.0/7

In: 2206.338+/-1.329 χ^2/NDF : 546018.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2193.016+/-0.901 χ^2/NDF : 664509.0/7

asym_at1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -999.349+/-1149.883 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1186.331+/-1222.870 χ^2/NDF : 1.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

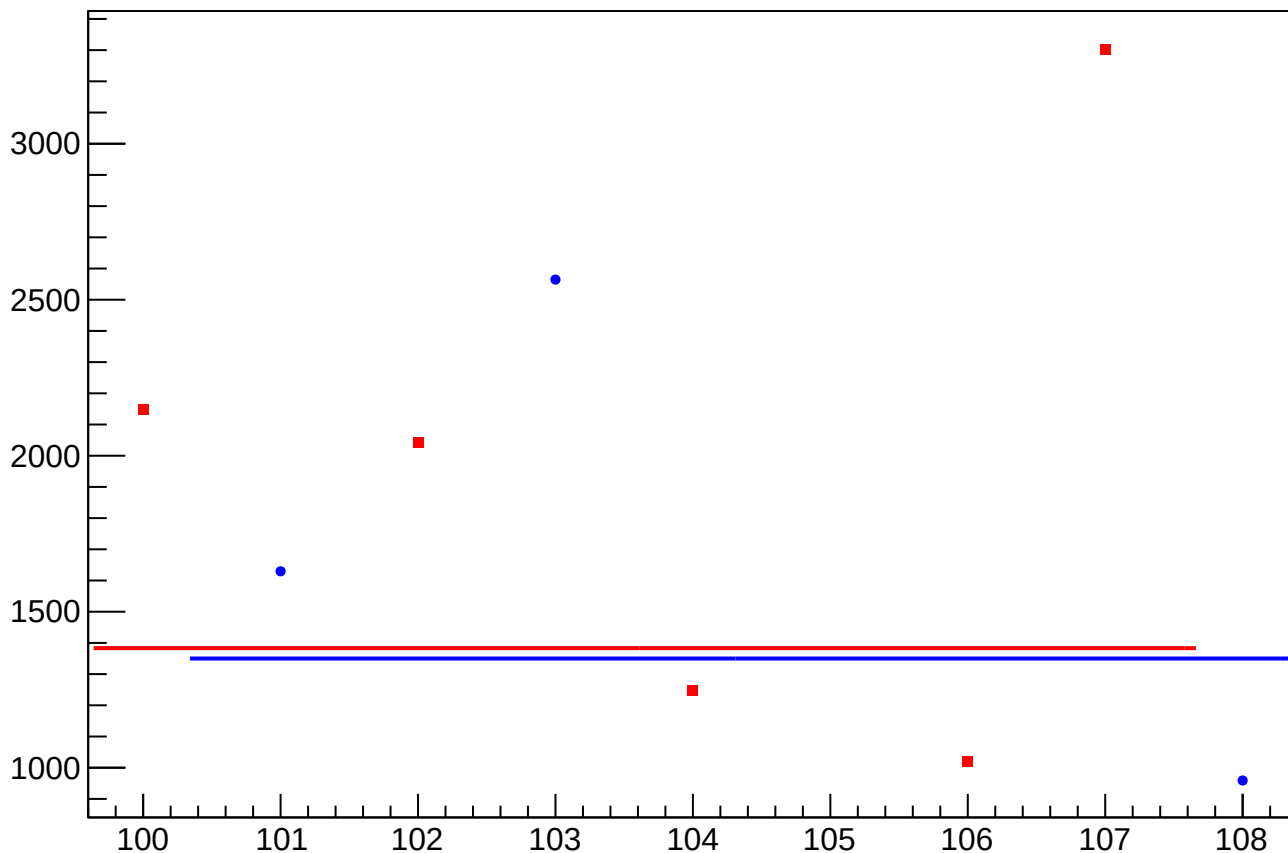
Right: -1087.094+/-837.705 χ^2/NDF : 2.0/7

In: -999.349+/-1149.883 χ^2/NDF : 0.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1087.094+/-837.705 χ^2/NDF : 2.0/7

asym_at1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1349.994+/-0.813 χ^2/NDF : 408390.0/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1383.178+/-0.865 χ^2/NDF : 374108.9/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

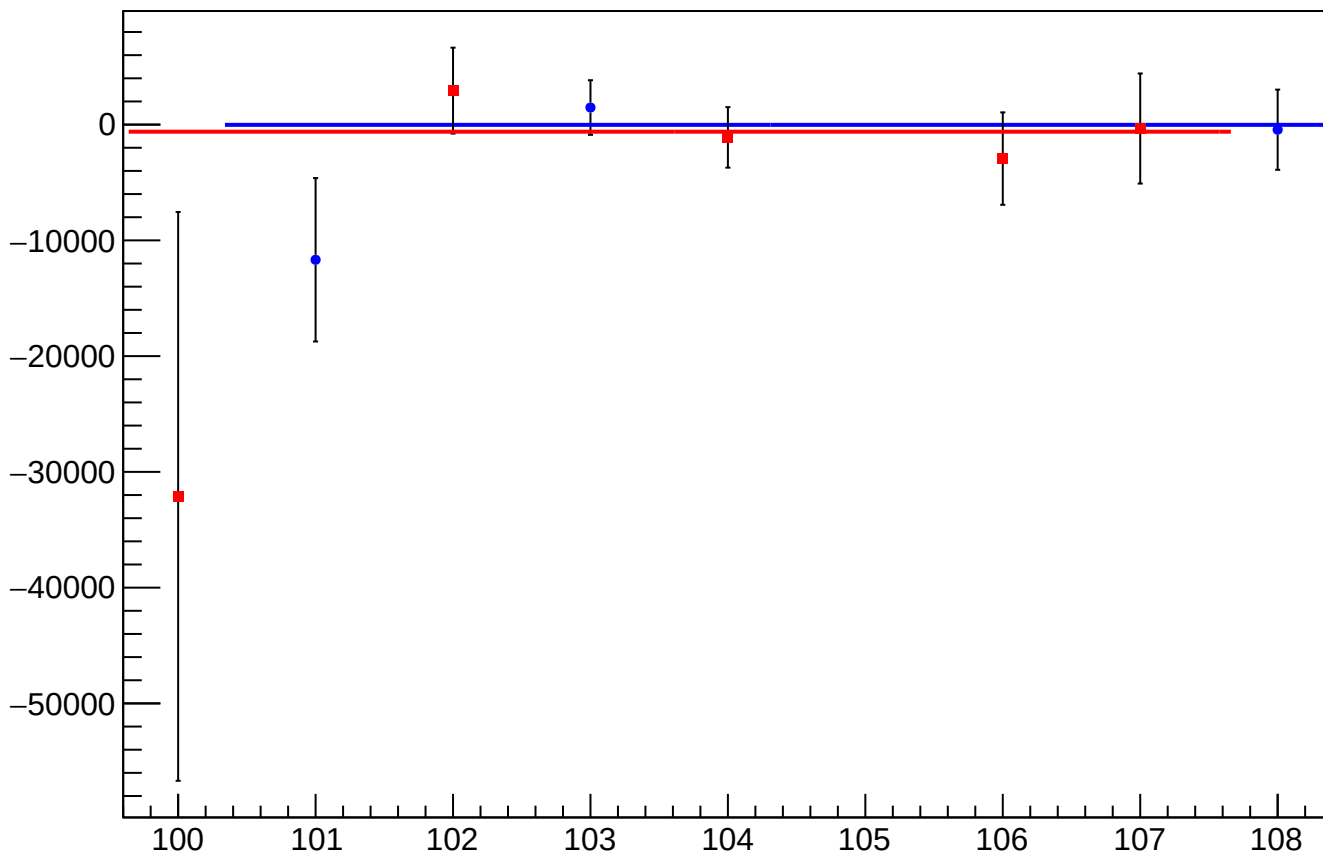
Right: 1365.566+/-0.592 χ^2/NDF : 783280.5/7

In: 1349.994+/-0.813 χ^2/NDF :408390.0/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1365.566+/-0.592 χ^2/NDF : 783280.5/7

cor_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -20.528+/-1879.097 χ^2/NDF : 3.1/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -611.615+/-1746.796 χ^2/NDF : 2.9/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

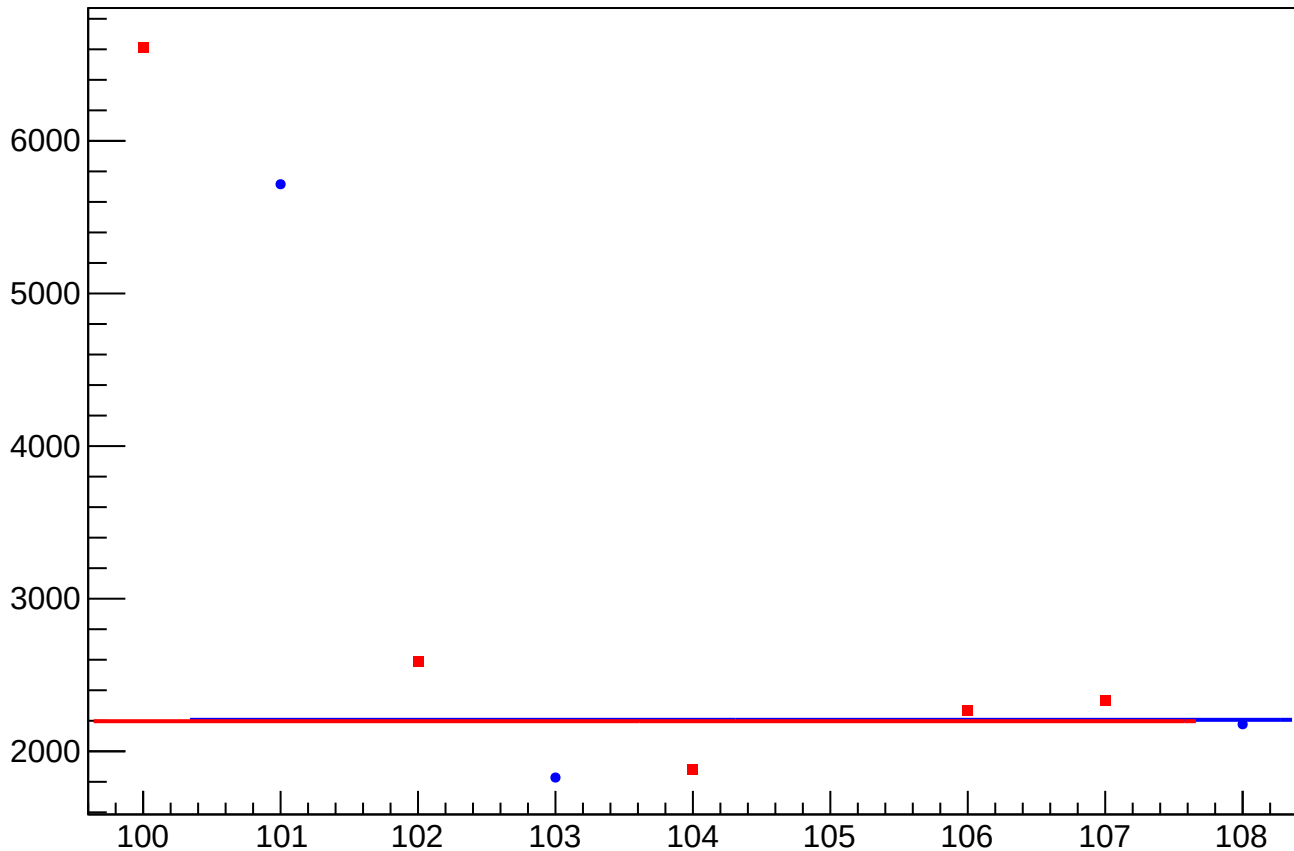
Right: -337.610+/-1279.389 χ^2/NDF : 6.1/7

In: -20.528+/-1879.097 χ^2/NDF :3.1/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -337.610+/-1279.389 χ^2/NDF : 6.1/7

cor_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2206.338+/-1.329 χ^2/NDF : 546018.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2197.283+/-1.235 χ^2/NDF : 119101.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

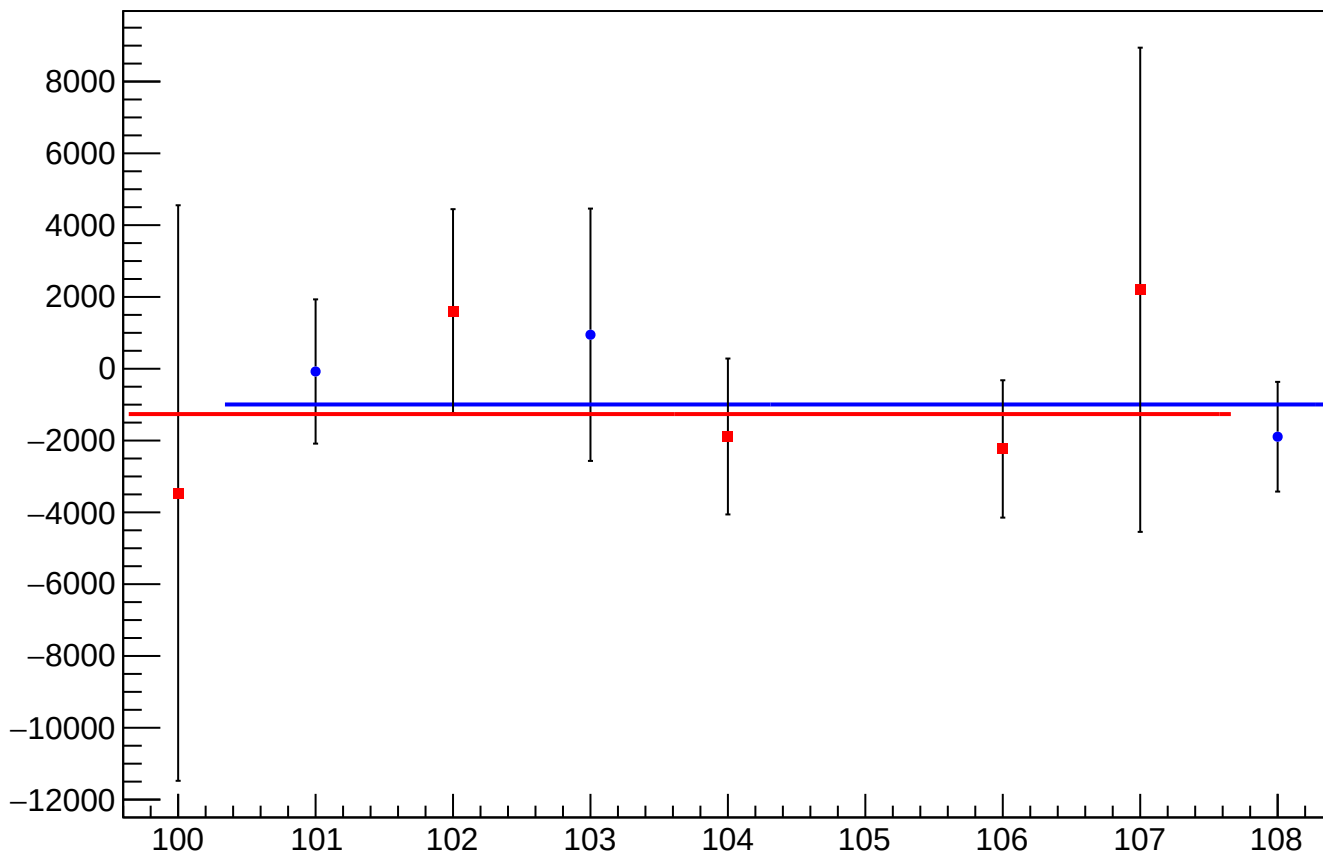
Right: 2201.481+/-0.905 χ^2/NDF : 665144.8/7

In: 2206.338+/-1.329 χ^2/NDF : 546018.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2201.481+/-0.905 χ^2/NDF : 665144.8/7

asym_at1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -995.002 $\pm$ 1149.320 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1262.514 $\pm$ 1243.231 χ^2 /NDF: 1.7/4

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

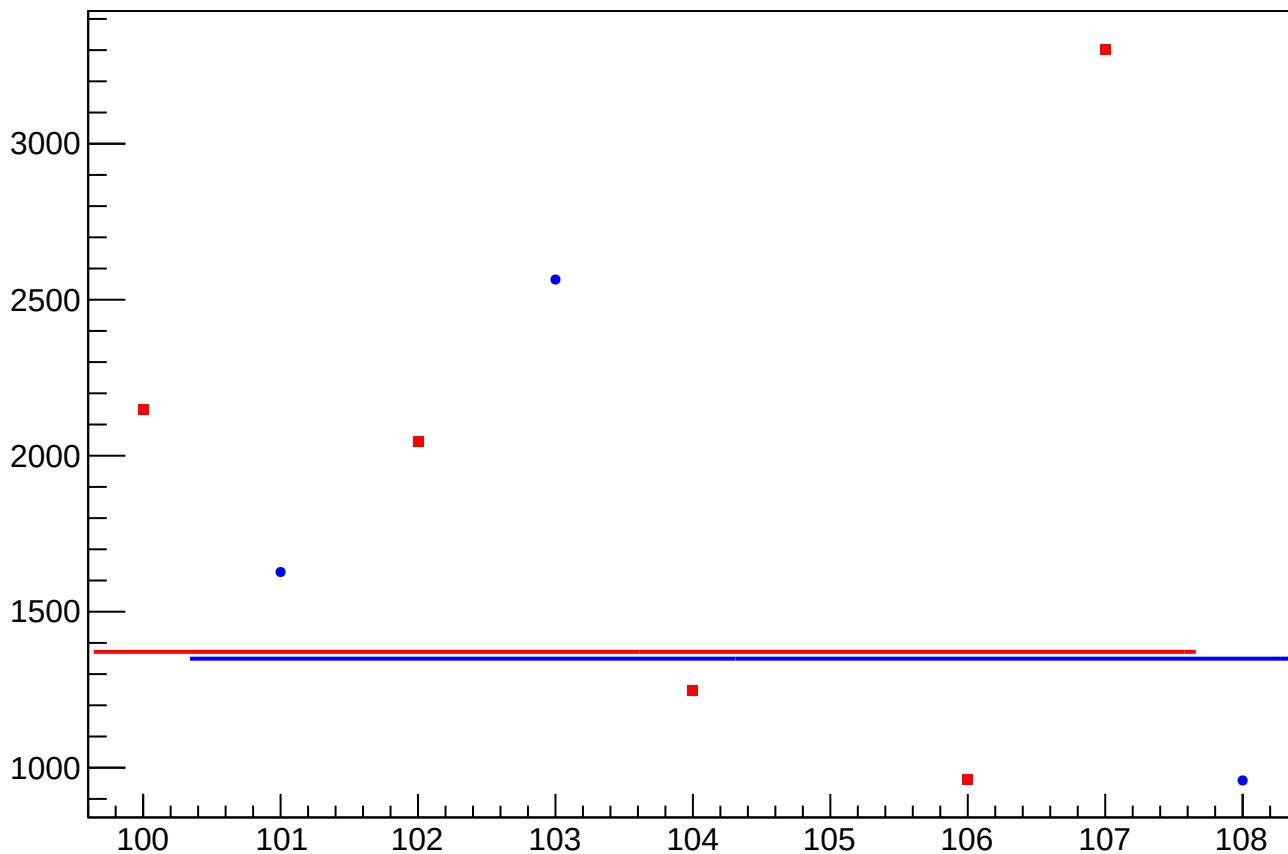
Right: -1118.274 $\pm$ 843.941 χ^2 /NDF: 2.6/7

In: -995.002 $\pm$ 1149.320 χ^2 /NDF:0.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1118.274 $\pm$ 843.941 χ^2 /NDF: 2.6/7

asym_at1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1349.462 $\pm$ 0.813 χ^2 /NDF: 407895.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1371.436 $\pm$ 0.879 χ^2 /NDF: 394466.8/4

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

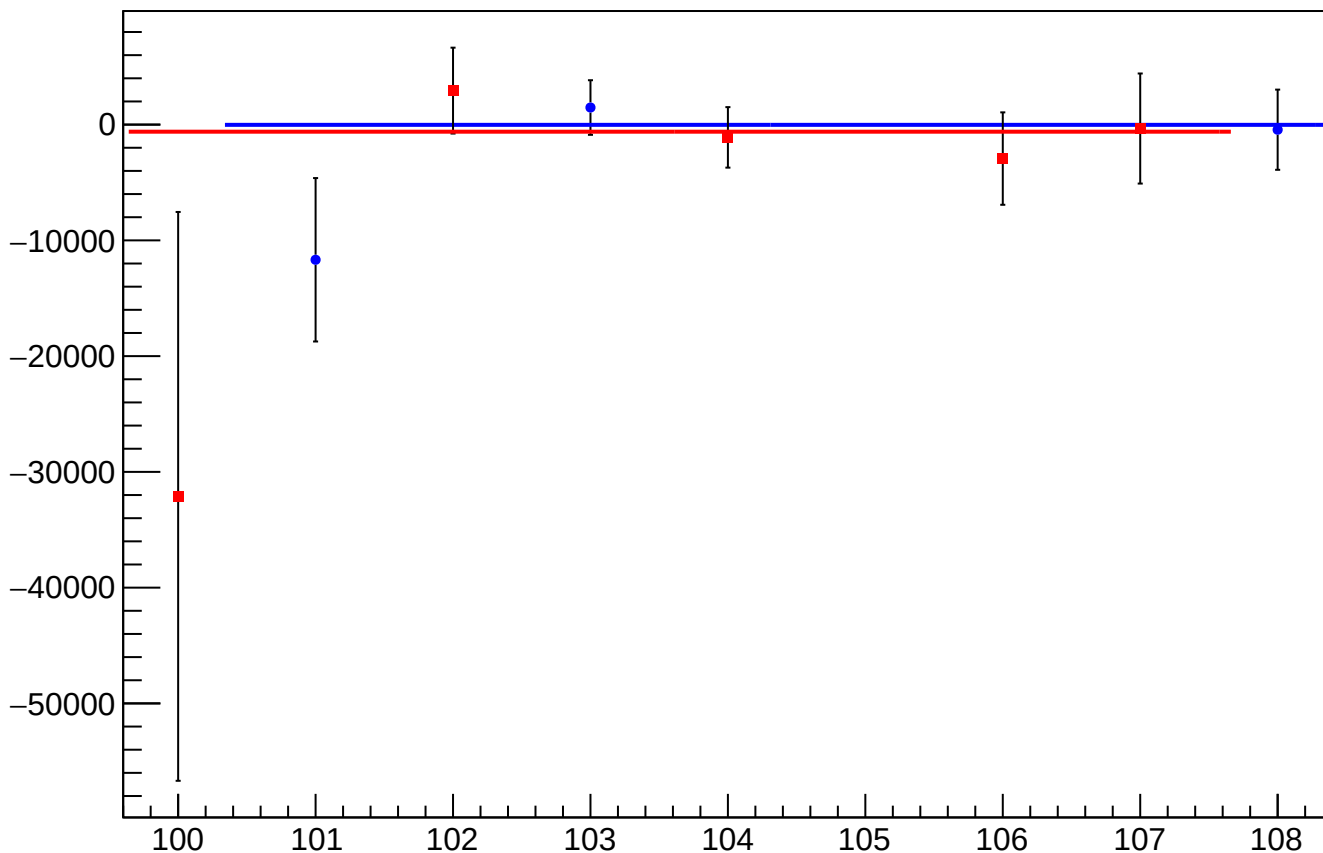
Right: 1359.588 $\pm$ 0.597 χ^2 /NDF: 802699.4/7

In: 1349.462 $\pm$ 0.813 χ^2 /NDF:407895.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1359.588 $\pm$ 0.597 χ^2 /NDF: 802699.4/7

eigen_cor_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -20.528 ± 1879.097 χ^2/NDF : 3.1/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -611.615 ± 1746.796 χ^2/NDF : 2.9/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

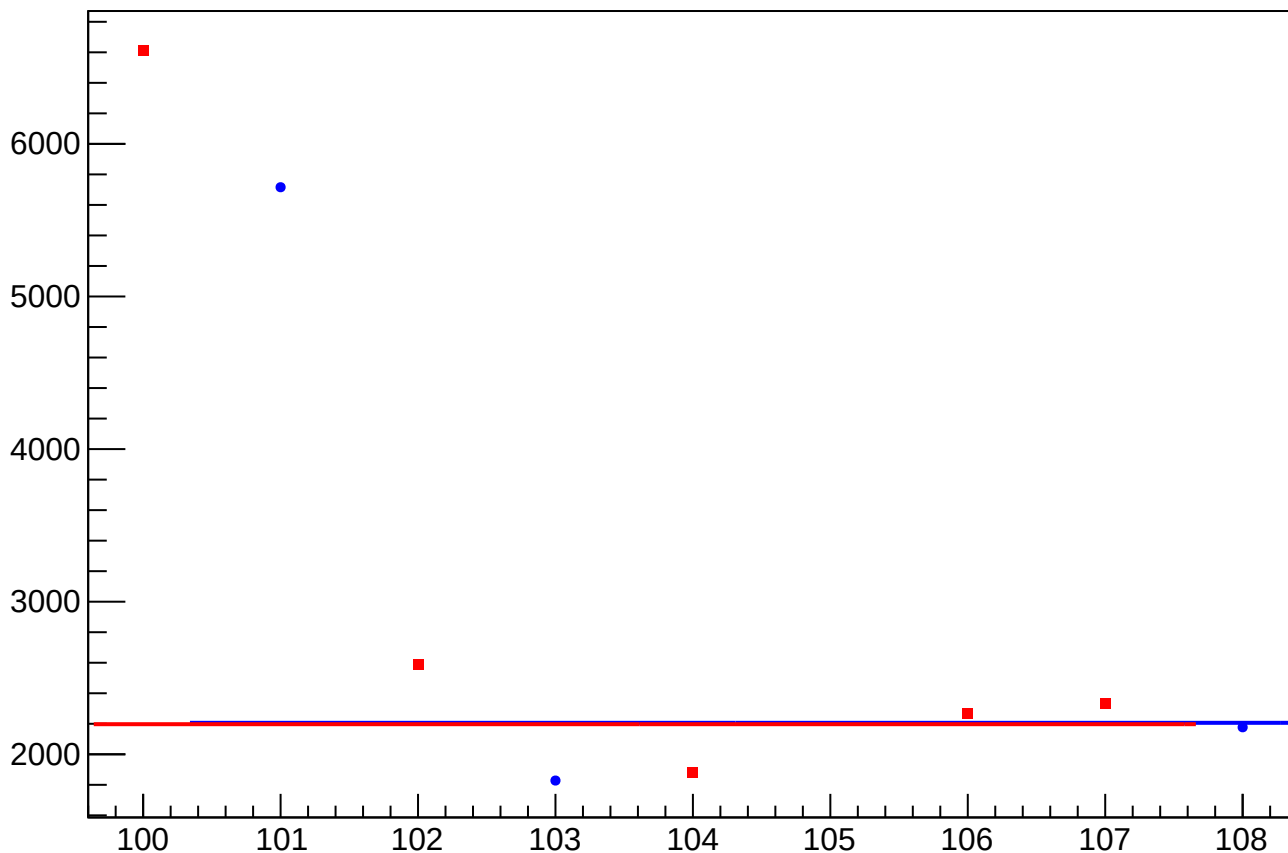
Right: -337.610 ± 1279.389 χ^2/NDF : 6.1/7

In: -20.528 ± 1879.097 χ^2/NDF : 3.1/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -337.610 ± 1279.389 χ^2/NDF : 6.1/7

eigen_cor_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2206.338+/-1.329 χ^2/NDF : 546018.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2197.283+/-1.235 χ^2/NDF : 119101.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

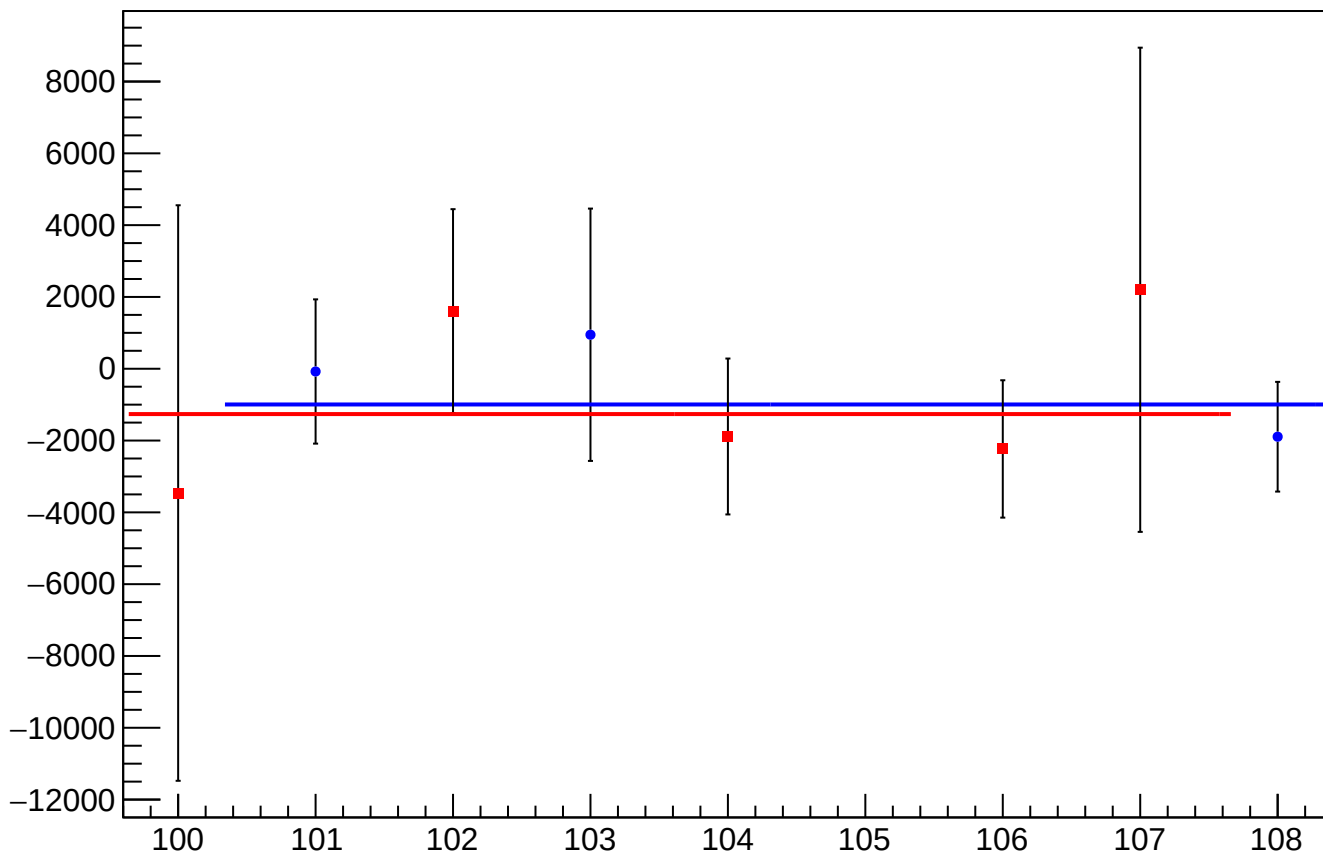
Right: 2201.481+/-0.905 χ^2/NDF : 665144.8/7

In: 2206.338+/-1.329 χ^2/NDF : 546018.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2201.481+/-0.905 χ^2/NDF : 665144.8/7

asym_at1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -995.002 $\pm$ 1149.320 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1262.514 $\pm$ 1243.231 χ^2 /NDF: 1.7/4

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

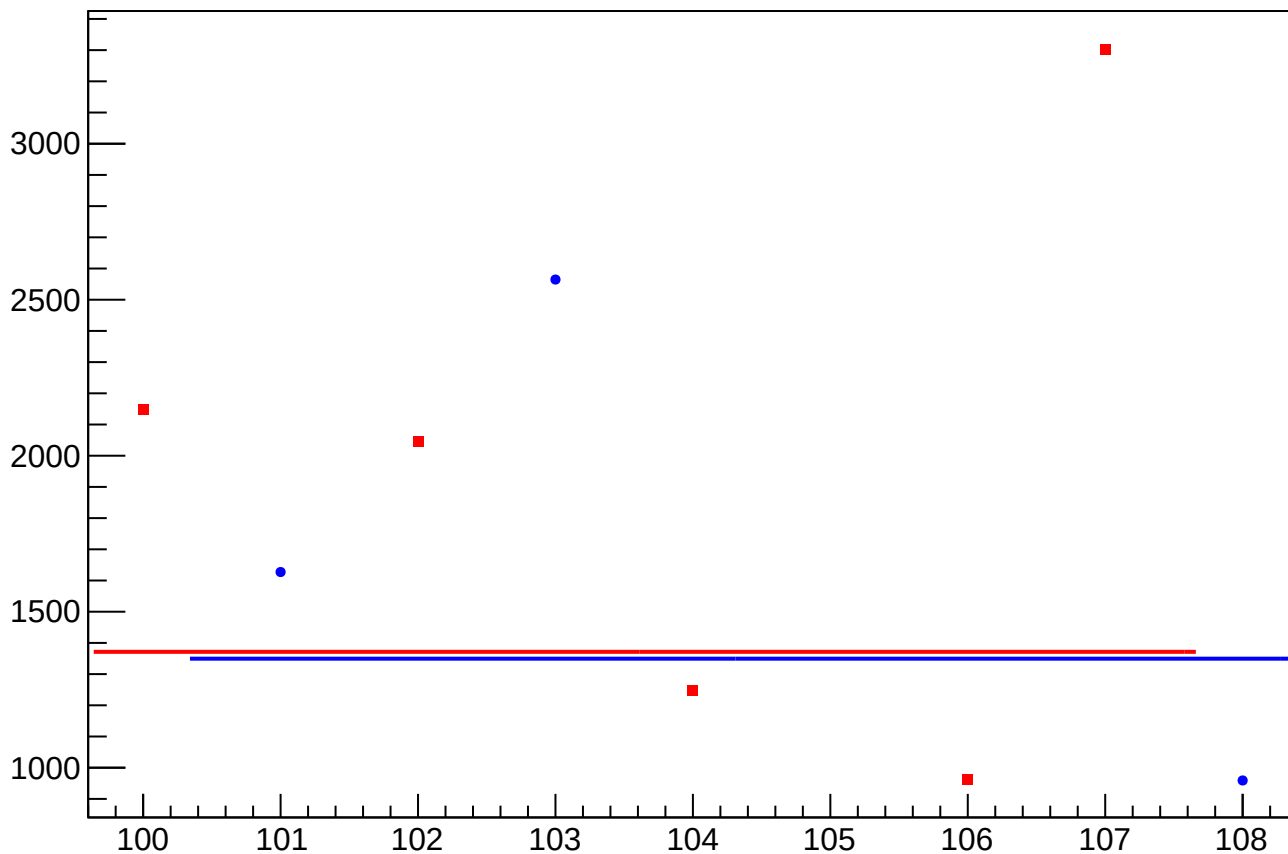
Right: -1118.274 $\pm$ 843.941 χ^2 /NDF: 2.6/7

In: -995.002 $\pm$ 1149.320 χ^2 /NDF:0.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1118.274 $\pm$ 843.941 χ^2 /NDF: 2.6/7

asym_at1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1349.462 $\pm$ 0.813 χ^2 /NDF: 407895.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1371.436 $\pm$ 0.879 χ^2 /NDF: 394466.8/4

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

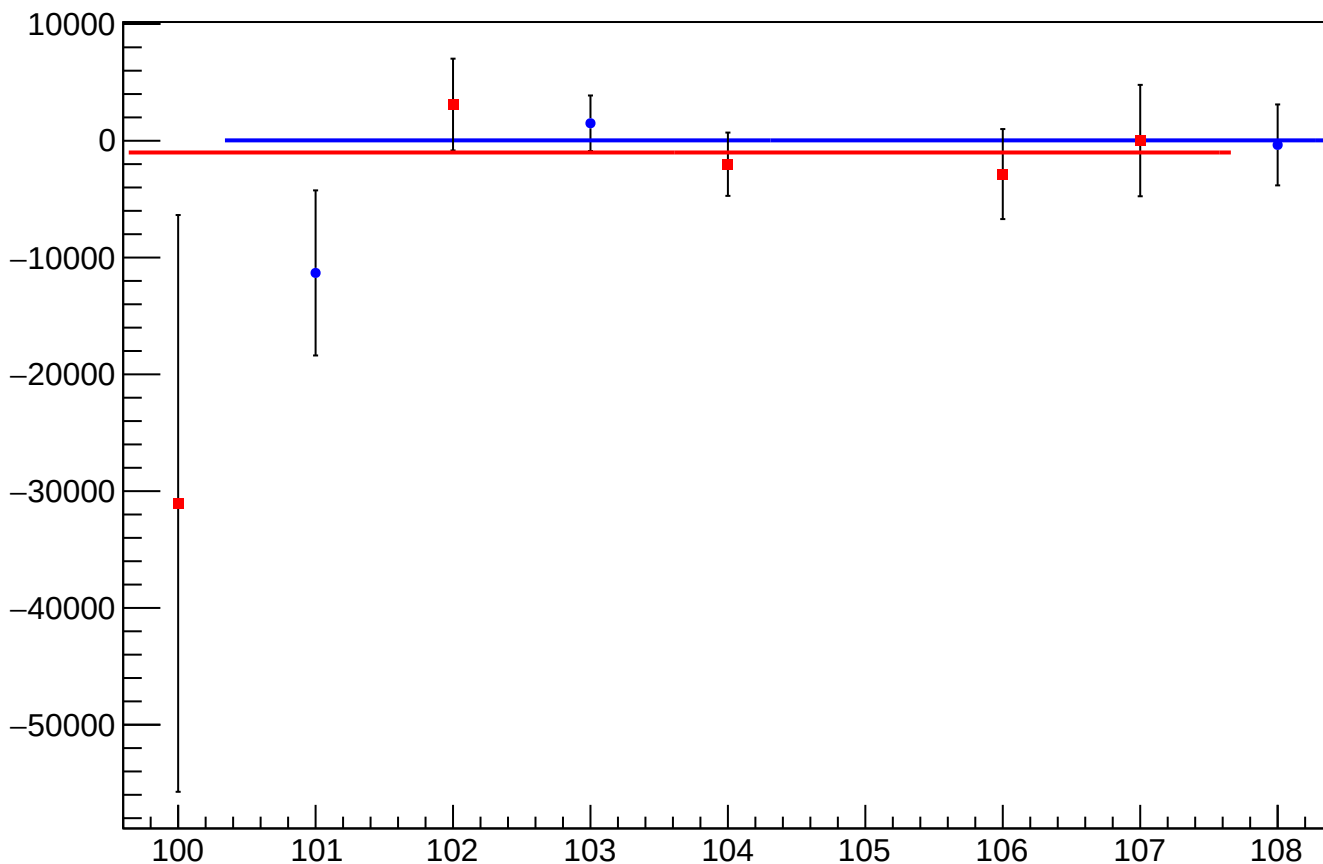
Right: 1359.588 $\pm$ 0.597 χ^2 /NDF: 802699.4/7

In: 1349.462 $\pm$ 0.813 χ^2 /NDF:407895.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1359.588 $\pm$ 0.597 χ^2 /NDF: 802699.4/7

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 34.351+/-1888.622 χ^2/NDF : 3.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1003.289+/-1784.785 χ^2/NDF : 3.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

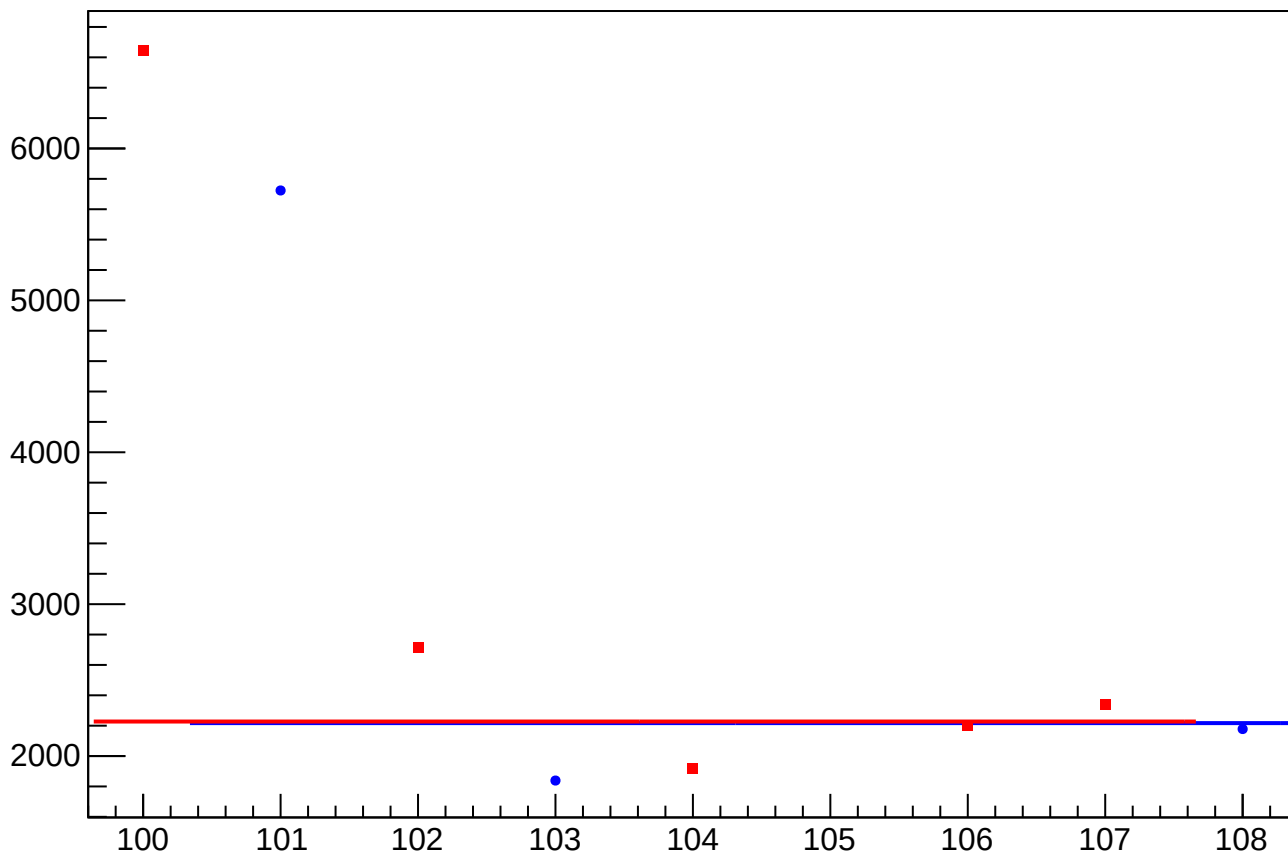
Right: -513.777+/-1297.189 χ^2/NDF : 6.1/7

In: 34.351+/-1888.622 χ^2/NDF : 3.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -513.777+/-1297.189 χ^2/NDF : 6.1/7

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2216.995+/-1.335 χ^2/NDF : 543129.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2227.372+/-1.262 χ^2/NDF : 121447.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

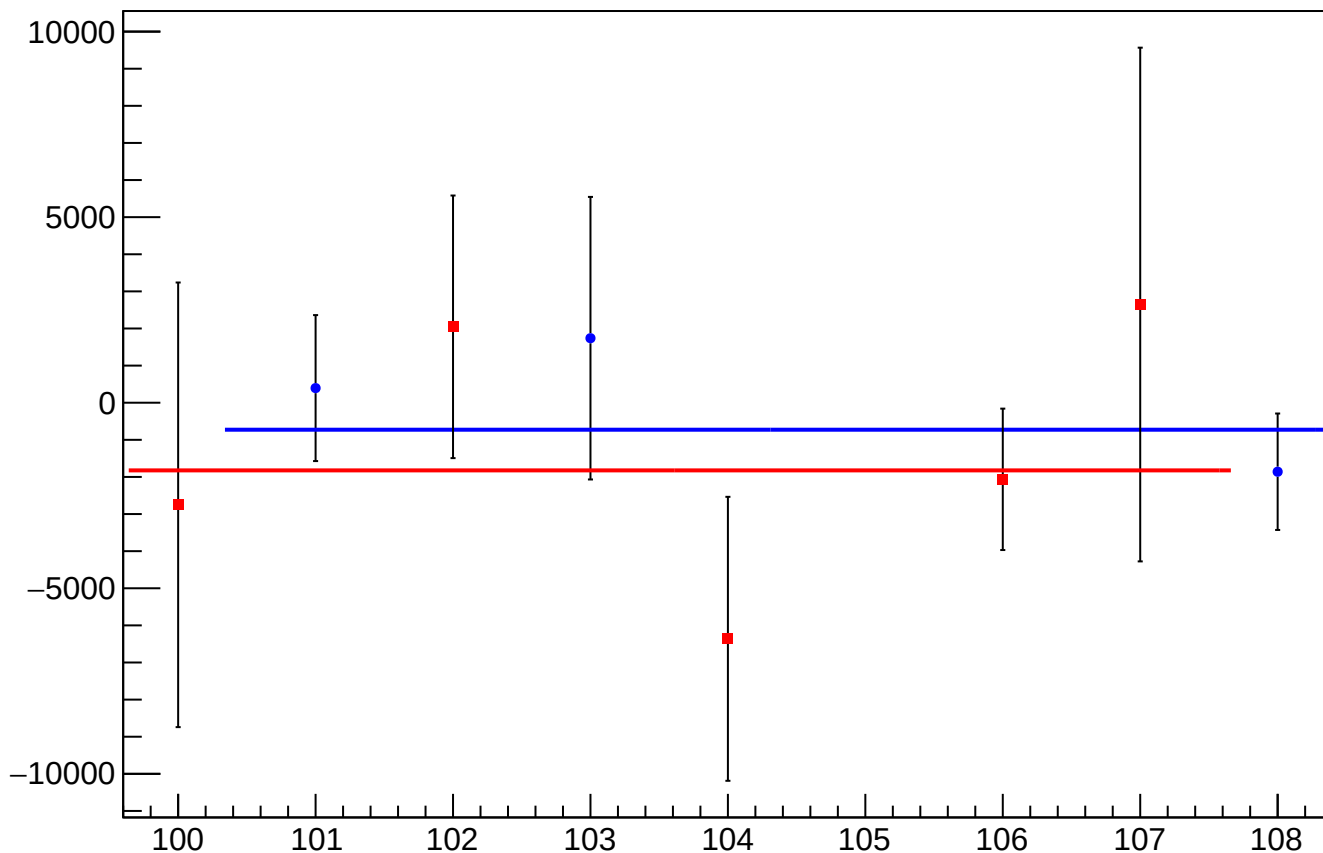
Right: 2222.476+/-0.917 χ^2/NDF : 664608.7/7

In: 2216.995+/-1.335 χ^2/NDF : 543129.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2222.476+/-0.917 χ^2/NDF : 664608.7/7

asym_at1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -727.458+/-1167.280 χ^2/NDF : 1.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1823.403+/-1454.757 χ^2/NDF : 3.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

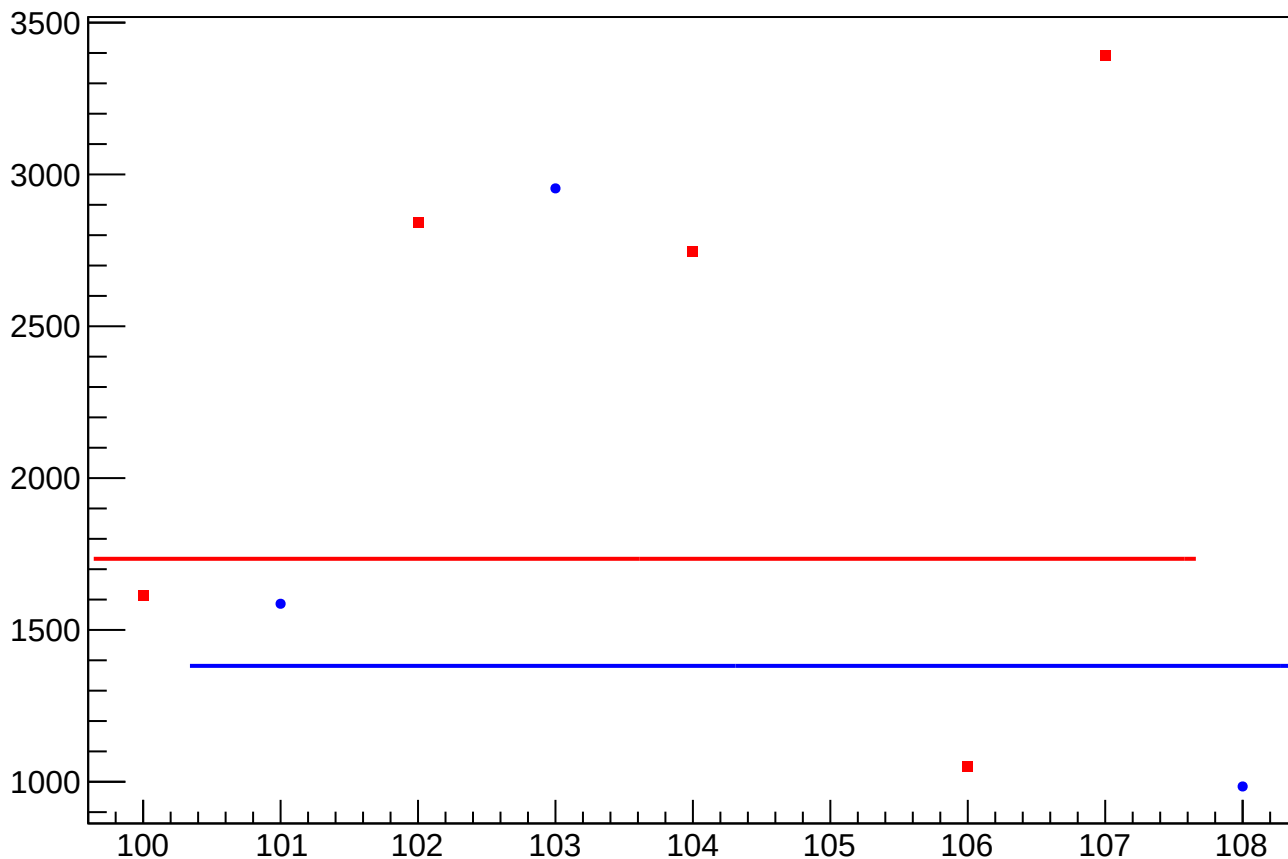
Right: -1156.699+/-910.431 χ^2/NDF : 4.7/7

In: -727.458+/-1167.280 χ^2/NDF : 1.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1156.699+/-910.431 χ^2/NDF : 4.7/7

asym_at1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1381.662 $\pm$ 0.825 χ^2 /NDF: 491020.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1734.267 $\pm$ 1.029 χ^2 /NDF: 710651.1/4

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

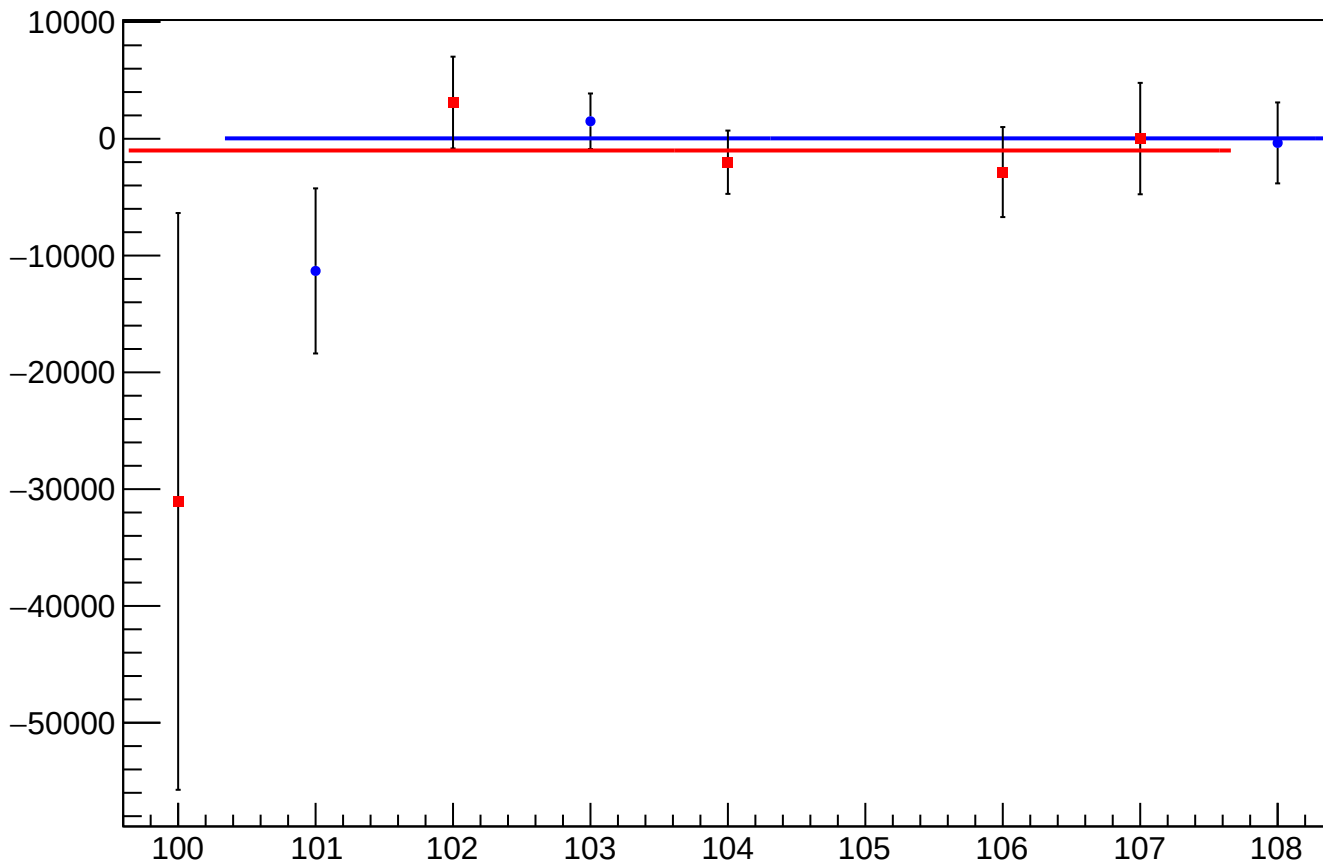
Right: 1519.765 $\pm$ 0.644 χ^2 /NDF: 1273149.3/7

In: 1381.662 $\pm$ 0.825 χ^2 /NDF: 491020.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1519.765 $\pm$ 0.644 χ^2 /NDF: 1273149.3/7

eigen_dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 34.349+/-1888.622 χ^2/NDF : 3.0/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1003.291+/-1784.784 χ^2/NDF : 3.0/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

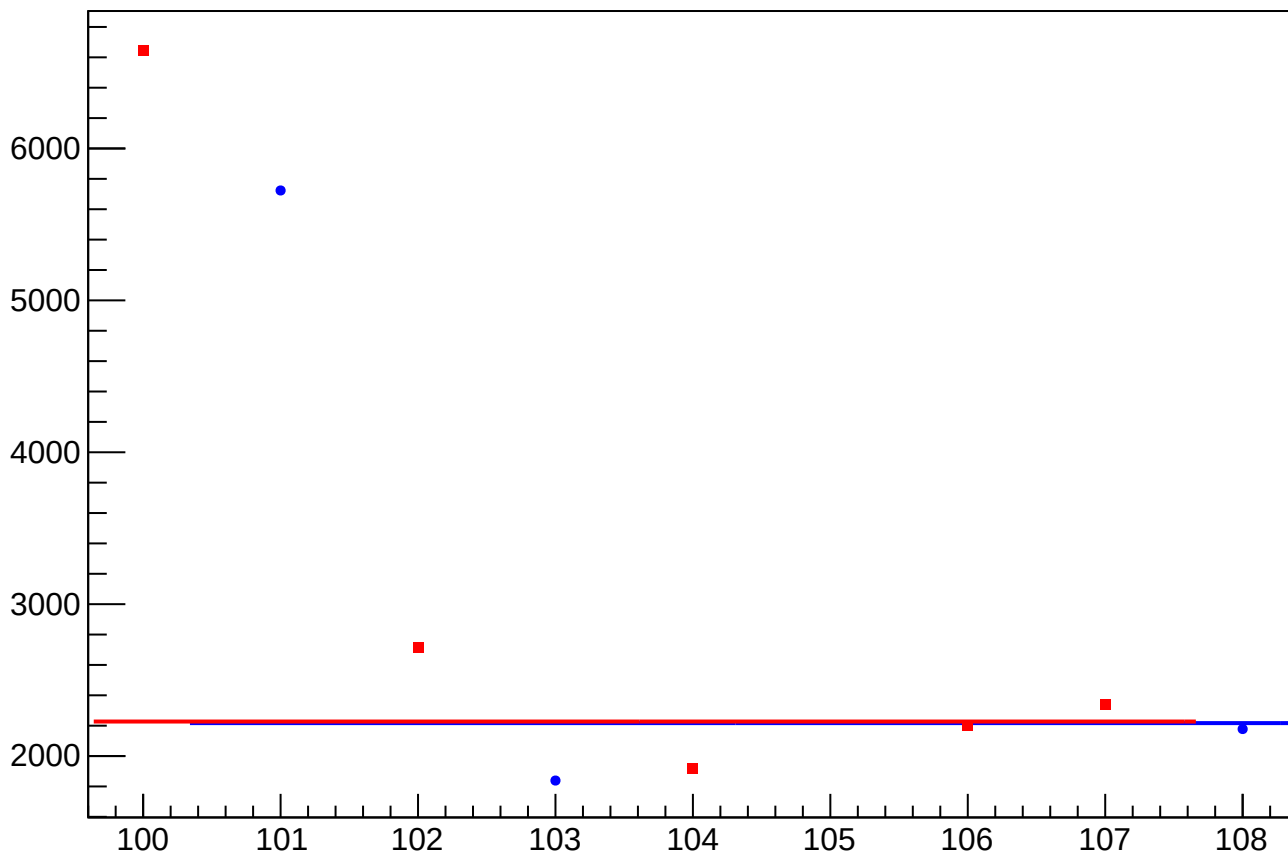
Right: -513.779+/-1297.189 χ^2/NDF : 6.1/7

In: 34.349+/-1888.622 χ^2/NDF :3.0/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -513.779+/-1297.189 χ^2/NDF : 6.1/7

eigen_dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2216.994+/-1.335 χ^2/NDF : 543129.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2227.371+/-1.262 χ^2/NDF : 121447.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

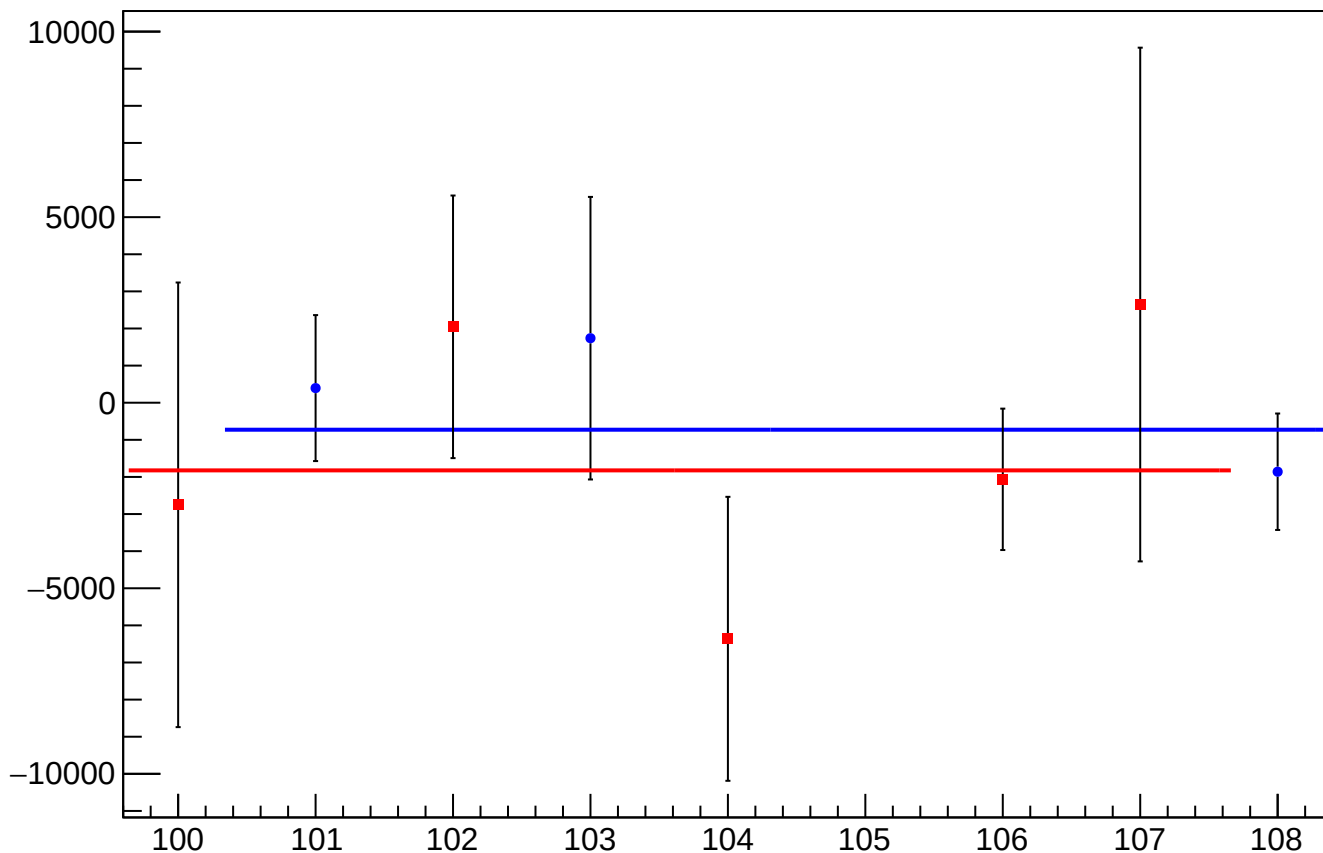
Right: 2222.476+/-0.917 χ^2/NDF : 664608.9/7

In: 2216.994+/-1.335 χ^2/NDF : 543129.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2222.476+/-0.917 χ^2/NDF : 664608.9/7

asym_at1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -727.462+/-1167.277 χ^2/NDF : 1.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1823.397+/-1454.756 χ^2/NDF : 3.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

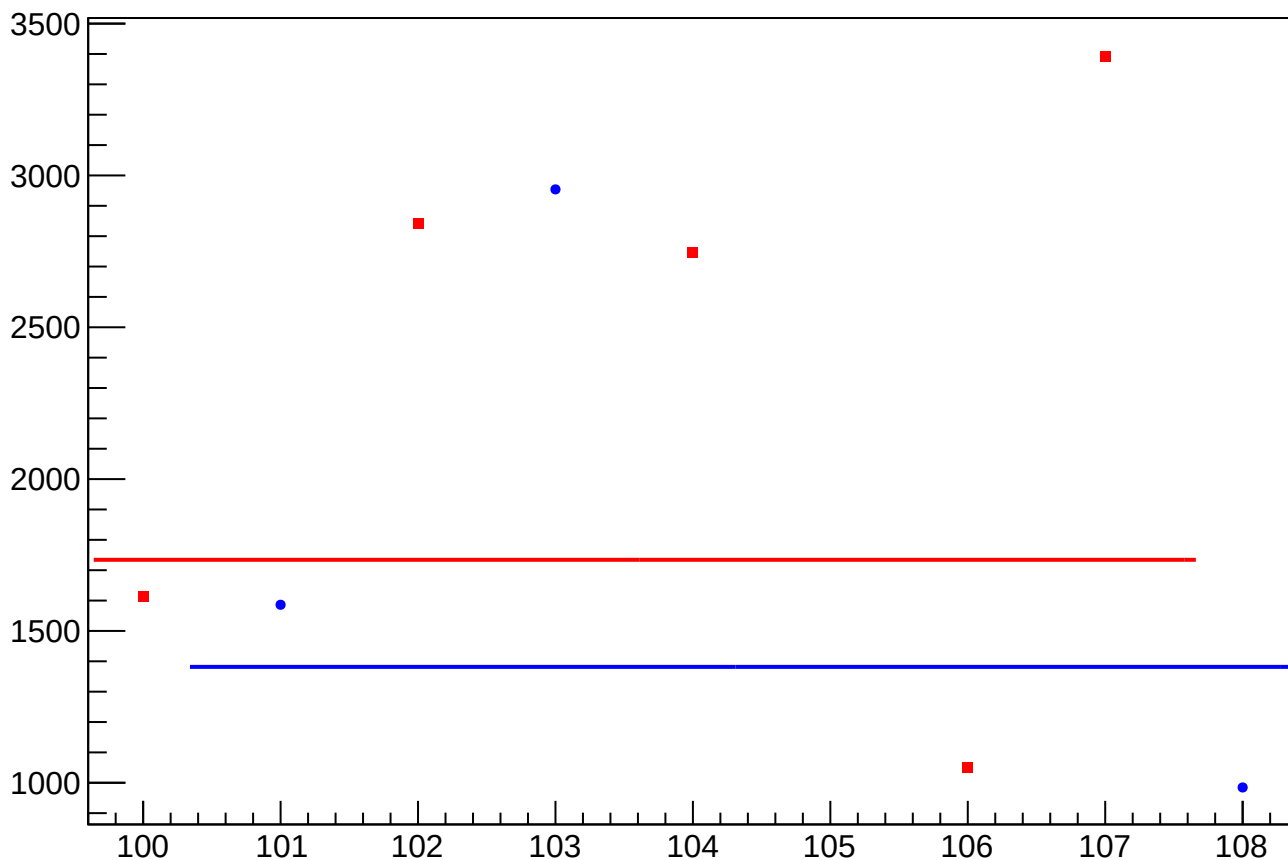
Right: -1156.699+/-910.429 χ^2/NDF : 4.7/7

In: -727.462+/-1167.277 χ^2/NDF : 1.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1156.699+/-910.429 χ^2/NDF : 4.7/7

asym_at1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1381.658+/-0.825 χ^2/NDF : 491024.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1734.265+/-1.029 χ^2/NDF : 710655.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

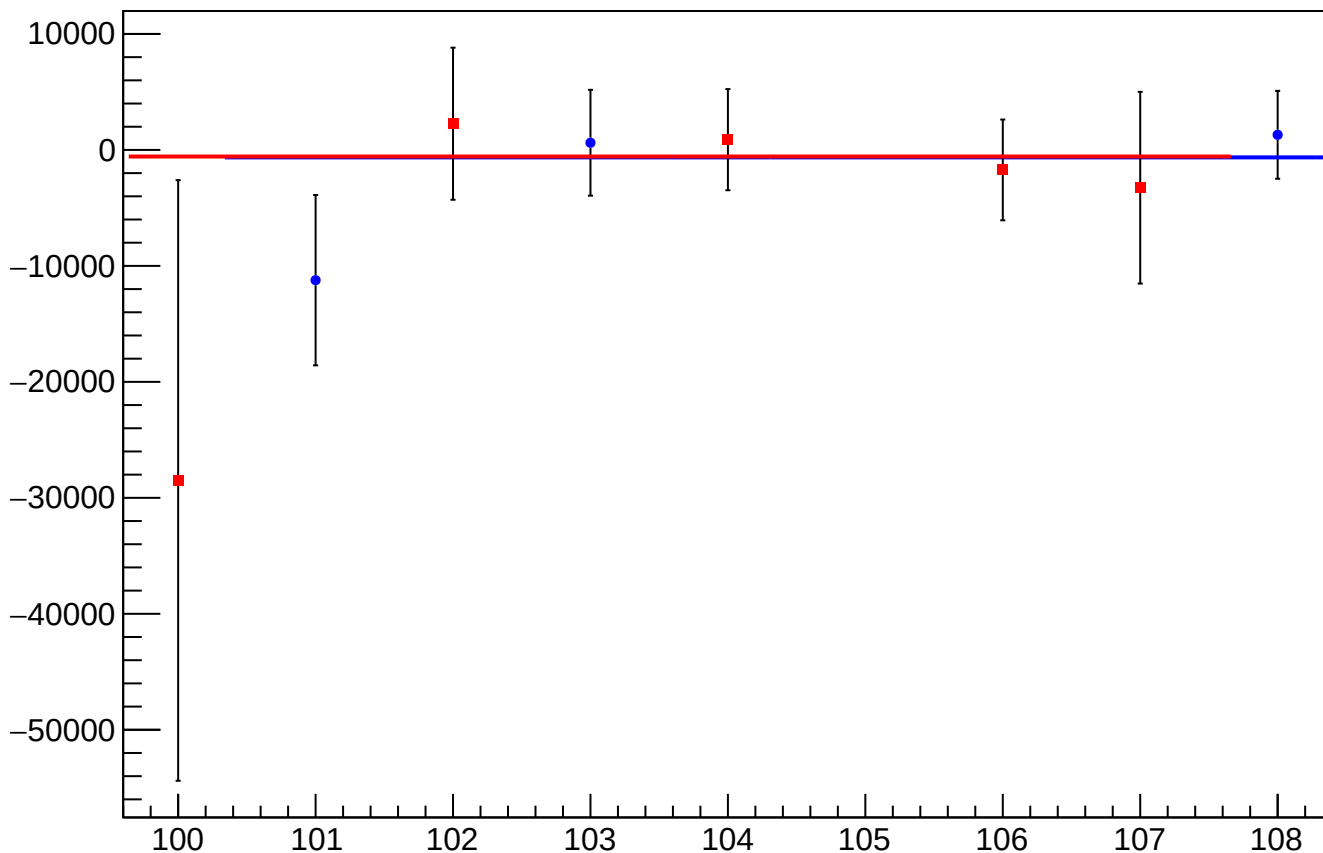
Right: 1519.761+/-0.644 χ^2/NDF : 1273158.5/7

In: 1381.658+/-0.825 χ^2/NDF : 491024.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1519.761+/-0.644 χ^2/NDF : 1273158.5/7

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -643.601 $\pm$ 2709.418 χ^2 /NDF: 2.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -568.538 $\pm$ 2626.546 χ^2 /NDF: 1.6/4

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

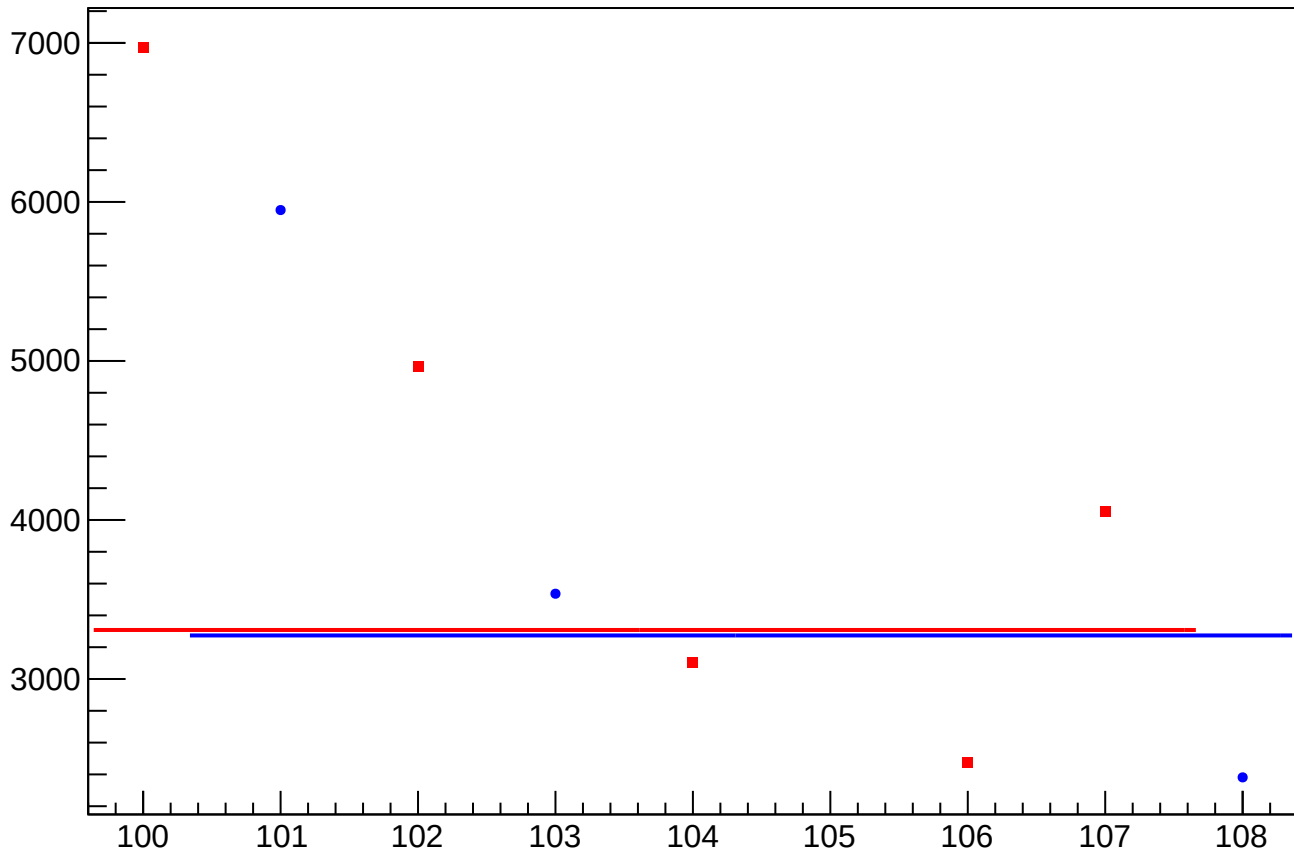
Right: -604.904 $\pm$ 1885.866 χ^2 /NDF: 4.1/7

In: -643.601 $\pm$ 2709.418 χ^2 /NDF:2.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -604.904 $\pm$ 1885.866 χ^2 /NDF: 4.1/7

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 3273.857+/-1.916 χ^2/NDF : 382882.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3308.270+/-1.857 χ^2/NDF : 262599.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

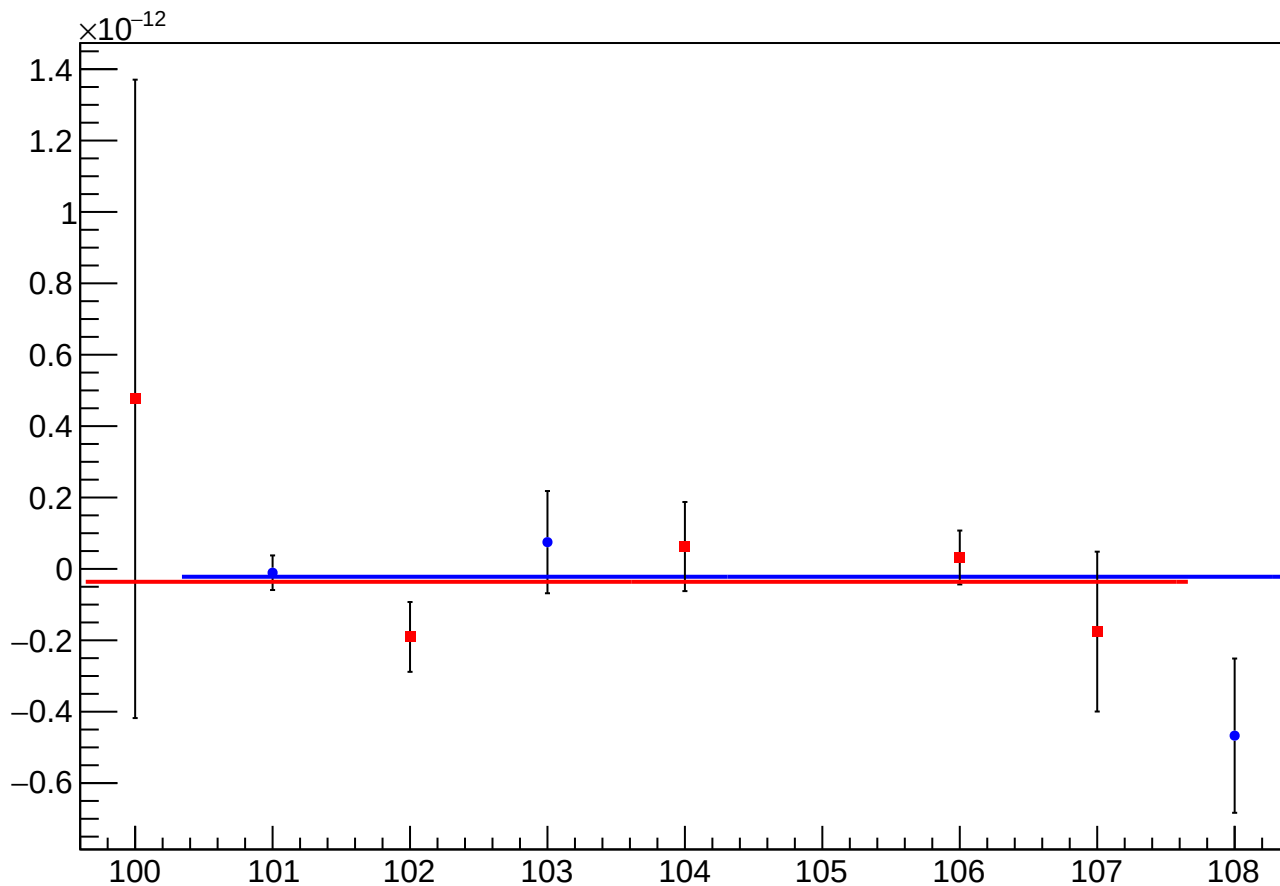
Right: 3291.598+/-1.333 χ^2/NDF : 645647.9/7

In: 3273.857+/-1.916 χ^2/NDF : 382882.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3291.598+/-1.333 χ^2/NDF : 645647.9/7

asym_at1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.8/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.6/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

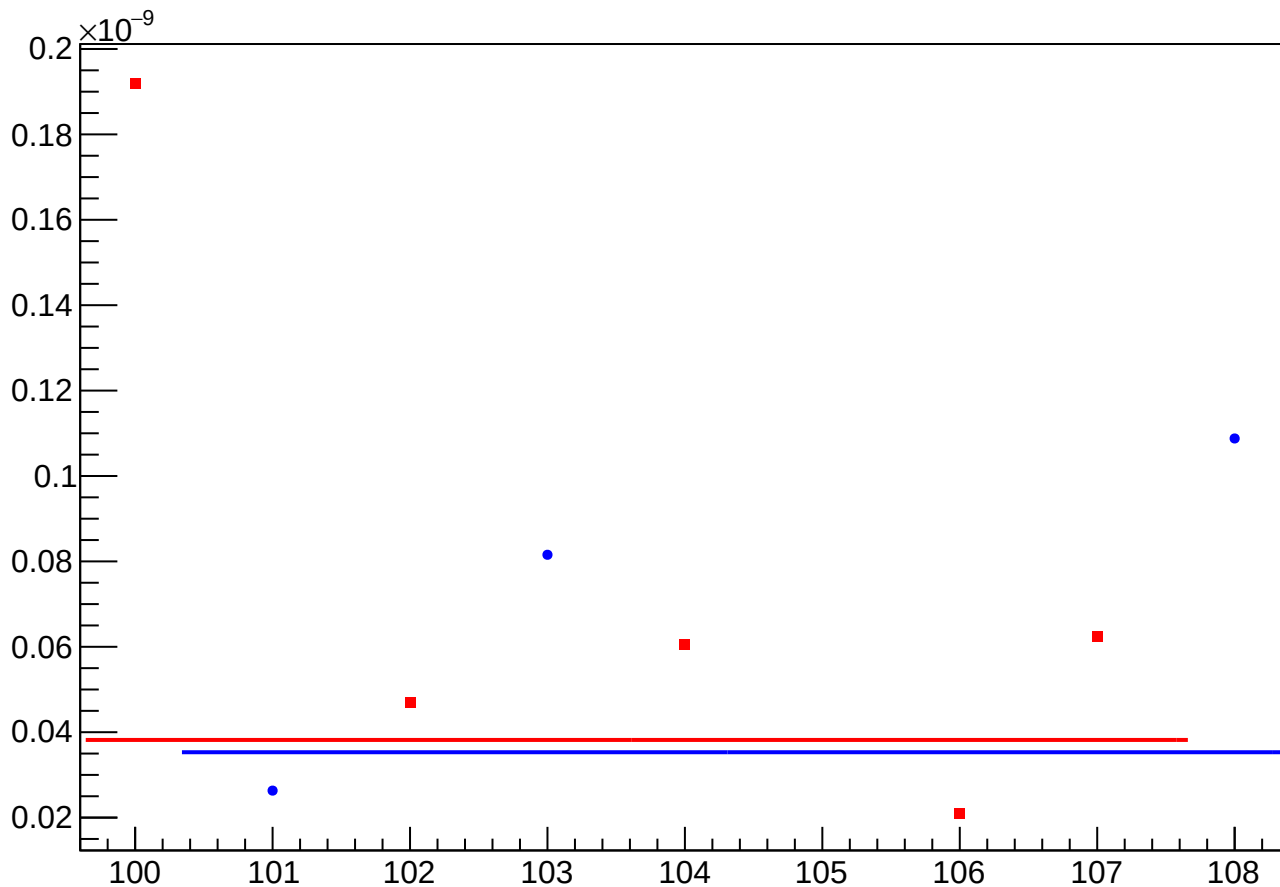
Right: -0.000+/-0.000 χ^2/NDF : 9.4/7

In: -0.000+/-0.000 χ^2/NDF :4.8/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.4/7

asym_at1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 508685.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 267006.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

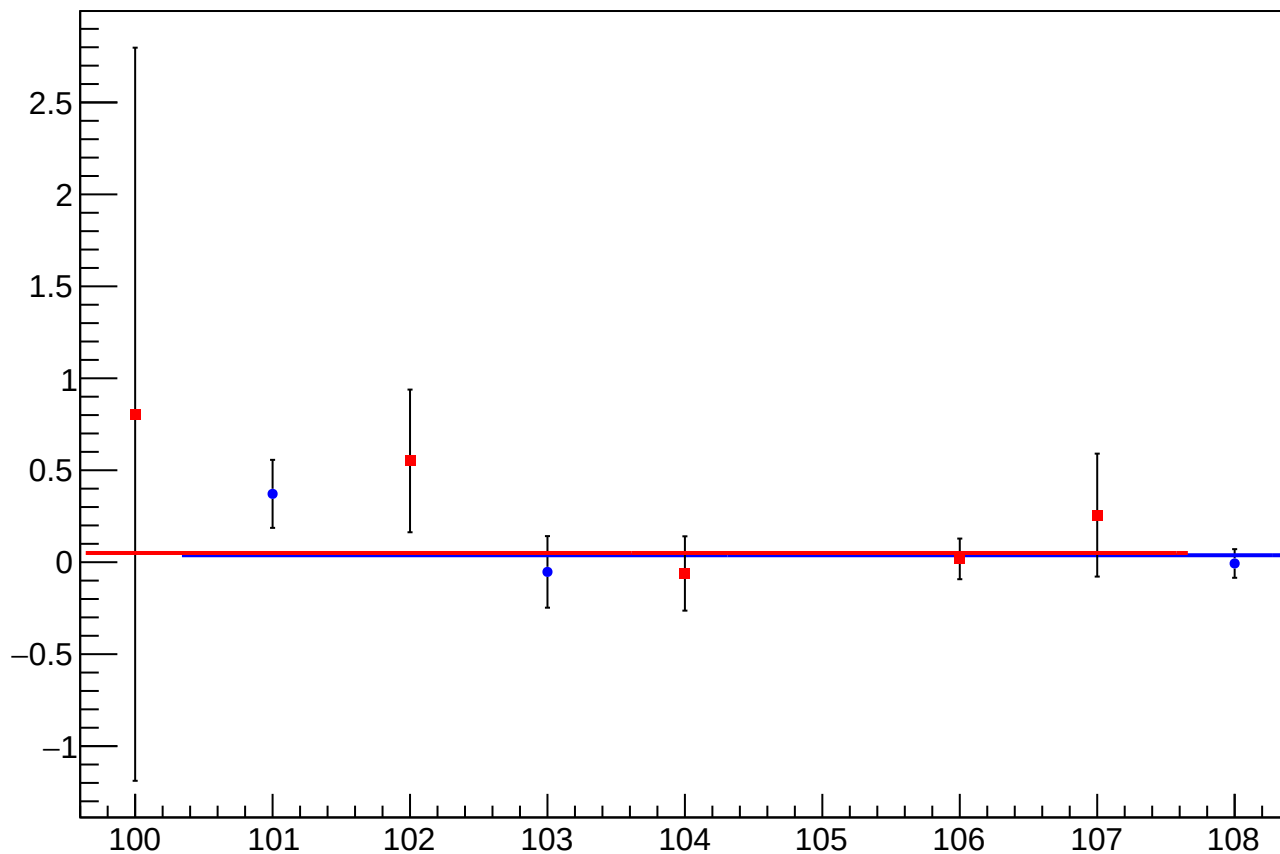
Right: 0.000+/-0.000 χ^2/NDF : 779184.4/7

In: 0.000+/-0.000 χ^2/NDF : 508685.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 779184.4/7

asym_at1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.038 $\pm$ 0.067 χ^2 /NDF: 3.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.050 $\pm$ 0.090 χ^2 /NDF: 2.6/4

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

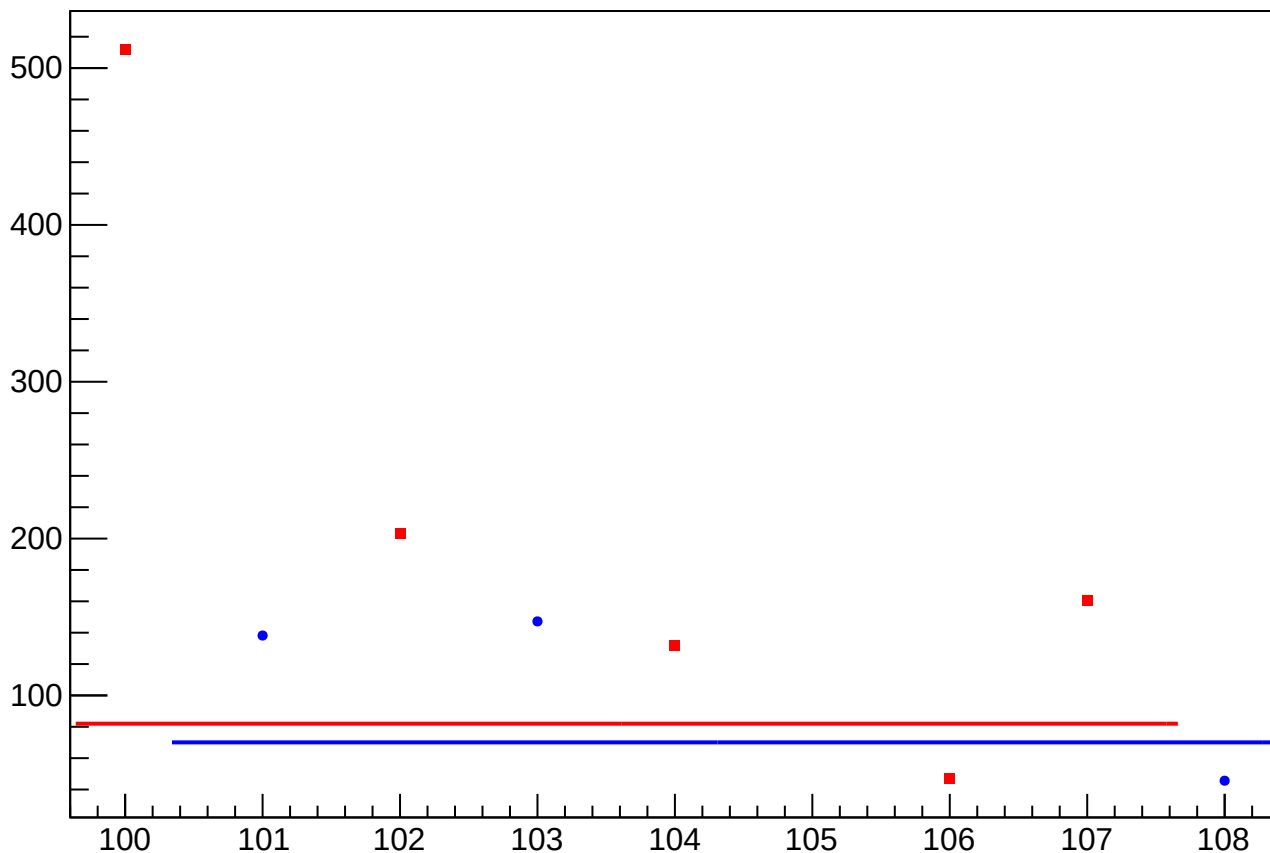
Right: 0.042 $\pm$ 0.054 χ^2 /NDF: 6.4/7

In: 0.038 $\pm$ 0.067 χ^2 /NDF:3.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.042 $\pm$ 0.054 χ^2 /NDF: 6.4/7

asym_at1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.060+/-0.048 χ^2/NDF : 782623.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.977+/-0.064 χ^2/NDF : 719620.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

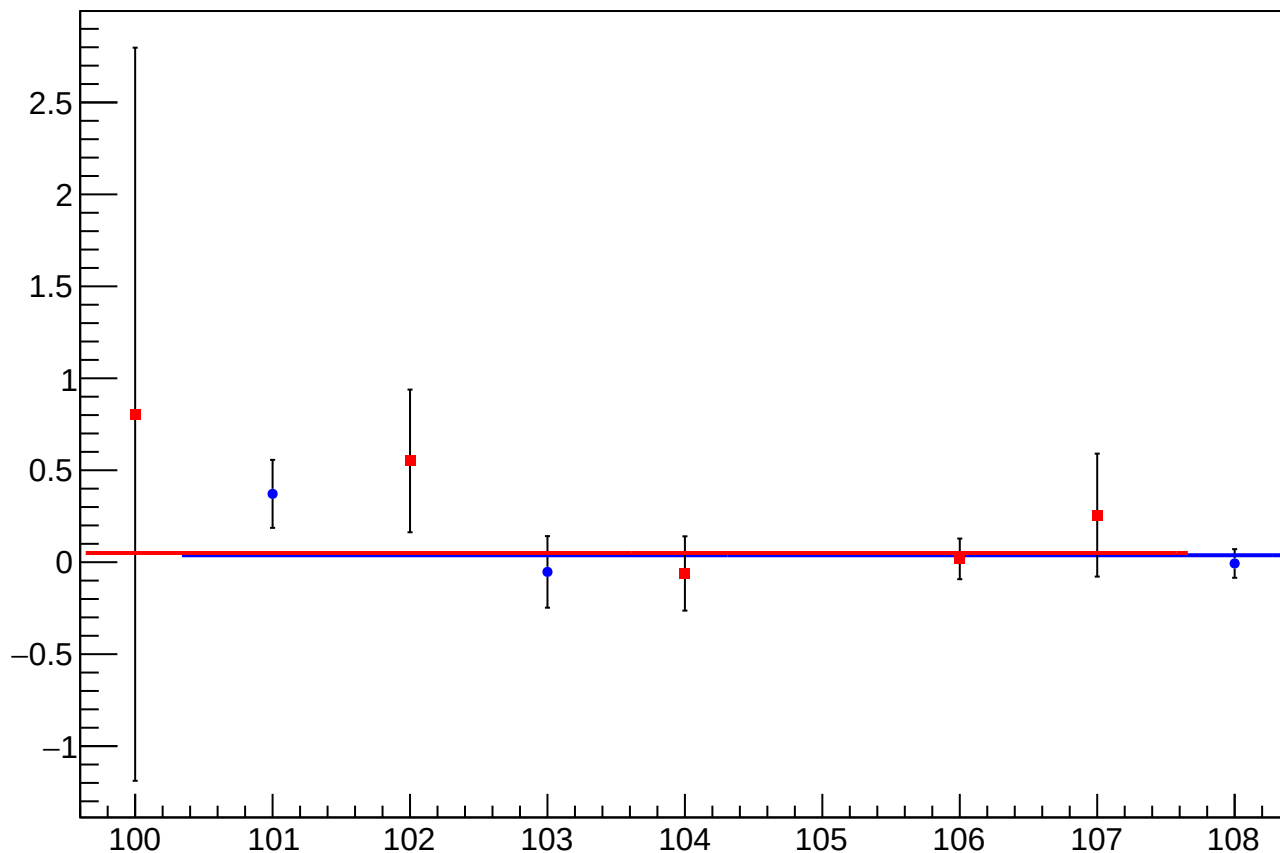
Right: 74.310+/-0.038 χ^2/NDF : 1524585.0/7

In: 70.060+/-0.048 χ^2/NDF : 782623.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.310+/-0.038 χ^2/NDF : 1524585.0/7

asym_at1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.038 $\pm$ 0.067 χ^2 /NDF: 3.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.050 $\pm$ 0.090 χ^2 /NDF: 2.6/4

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

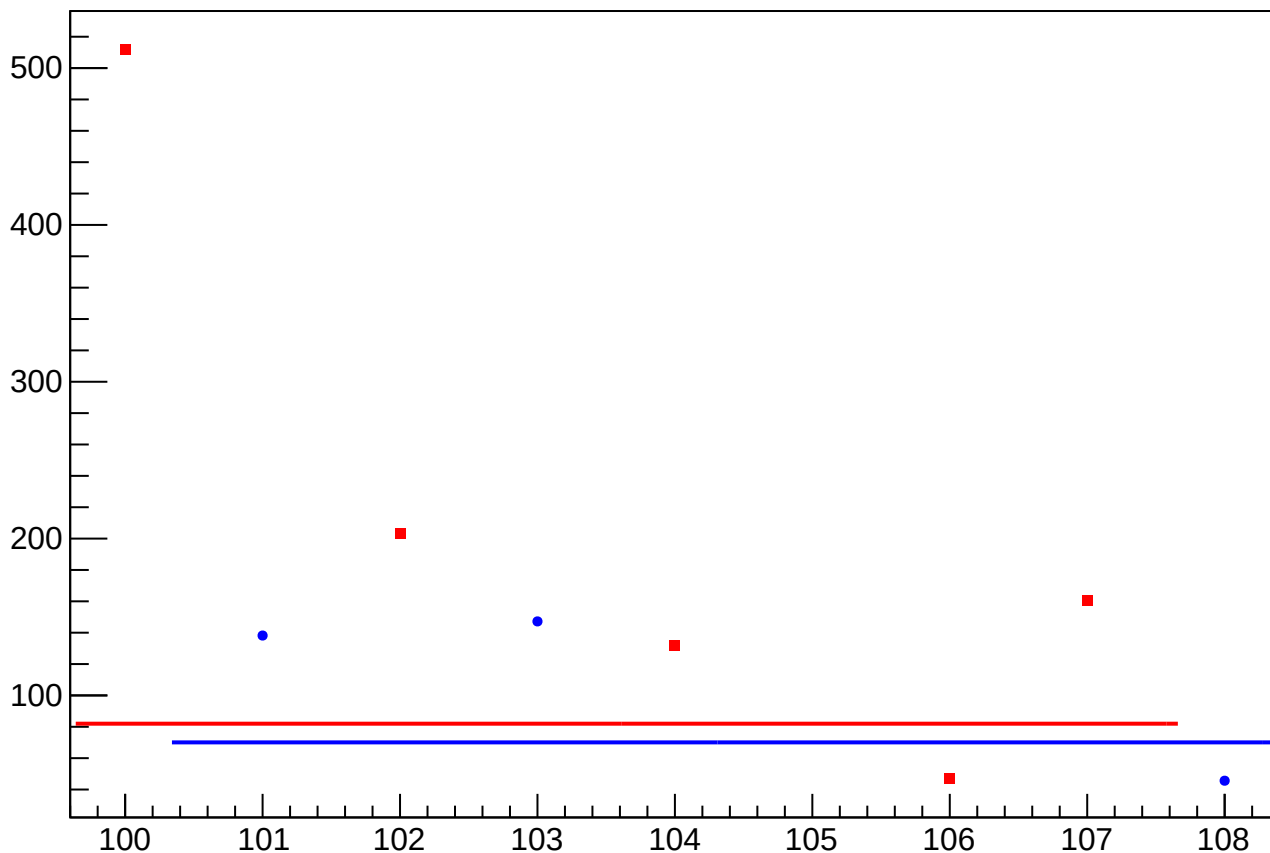
Right: 0.042 $\pm$ 0.054 χ^2 /NDF: 6.4/7

In: 0.038 $\pm$ 0.067 χ^2 /NDF: 3.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.042 $\pm$ 0.054 χ^2 /NDF: 6.4/7

asym_at1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.060+/-0.048 χ^2/NDF : 782623.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.977+/-0.064 χ^2/NDF : 719620.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

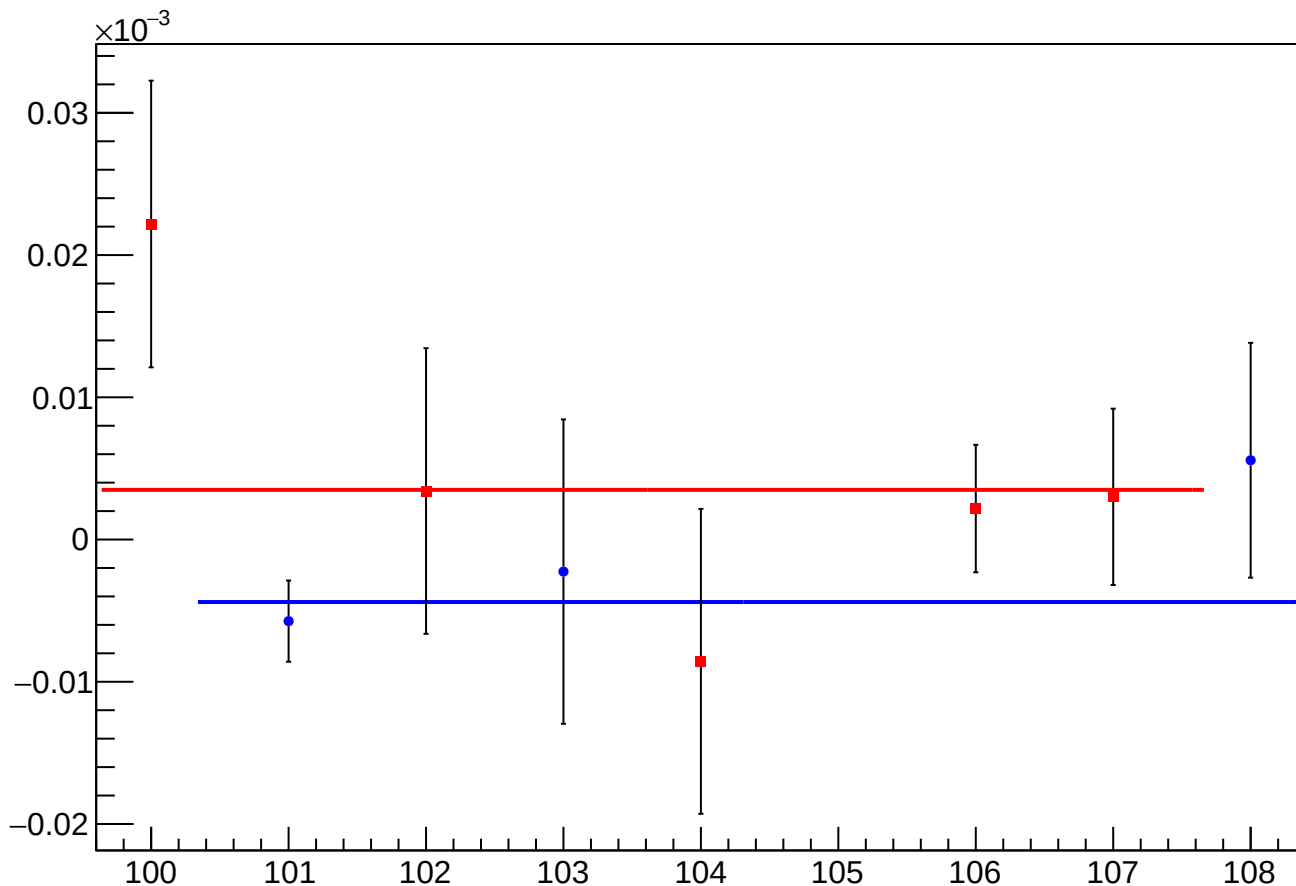
Right: 74.310+/-0.038 χ^2/NDF : 1524585.0/7

In: 70.060+/-0.048 χ^2/NDF : 782623.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.310+/-0.038 χ^2/NDF : 1524585.0/7

asym_at1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 1.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.8/4

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

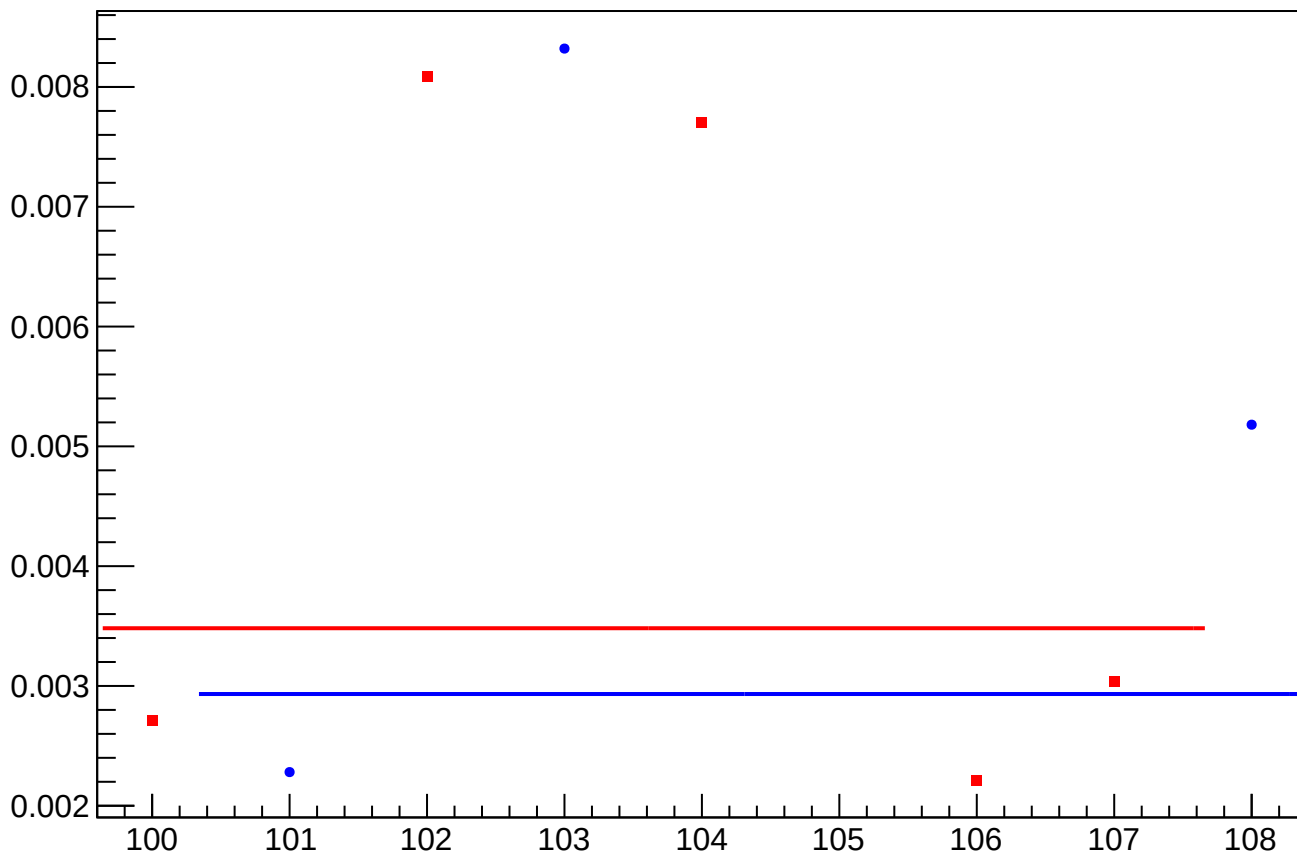
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.3/7

In: -0.000 $\pm$ 0.000 χ^2 /NDF:1.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.3/7

asym_at1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 759862.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 913348.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

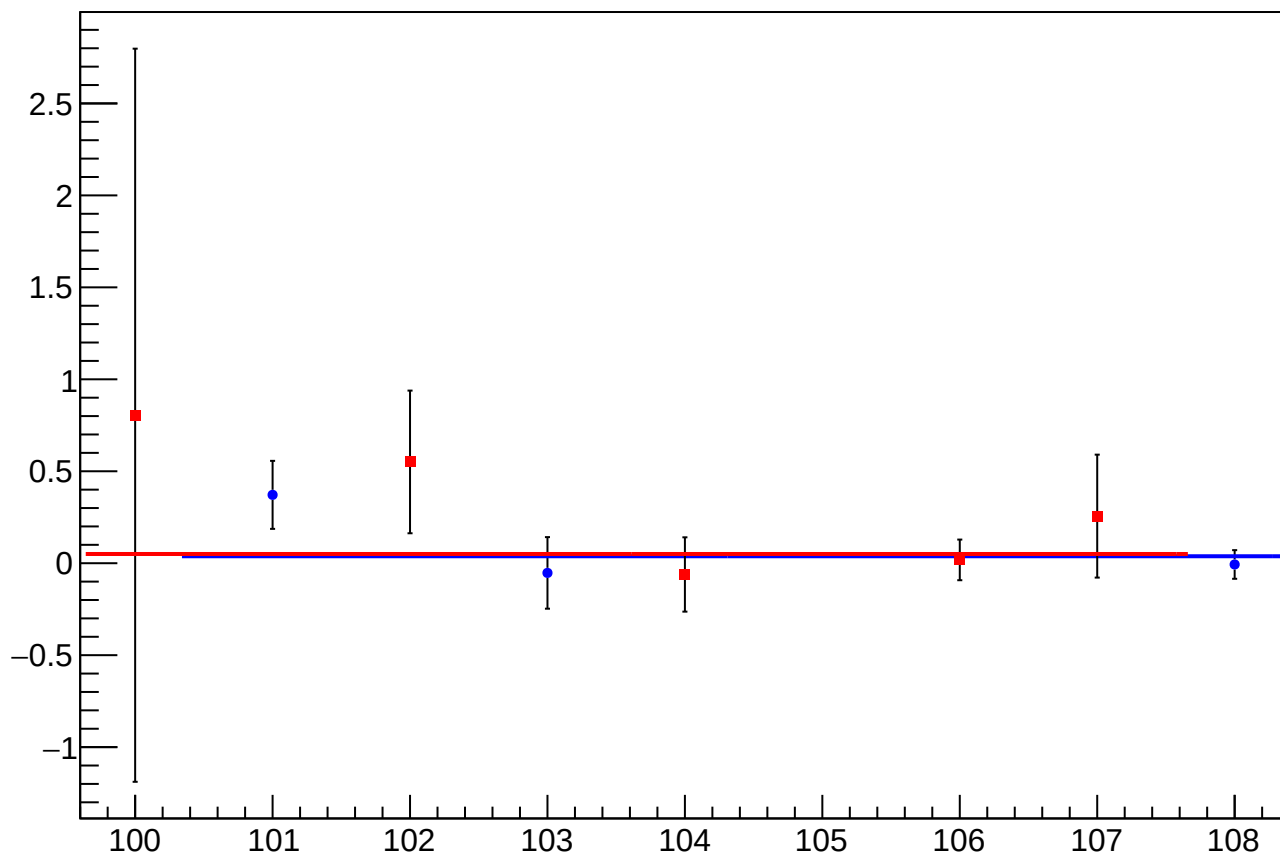
Right: 0.003+/-0.000 χ^2/NDF : 1709936.7/7

In: 0.003+/-0.000 χ^2/NDF : 759862.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 1709936.7/7

asym_at1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.038 $\pm$ 0.067 χ^2 /NDF: 3.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.050 $\pm$ 0.090 χ^2 /NDF: 2.6/4

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

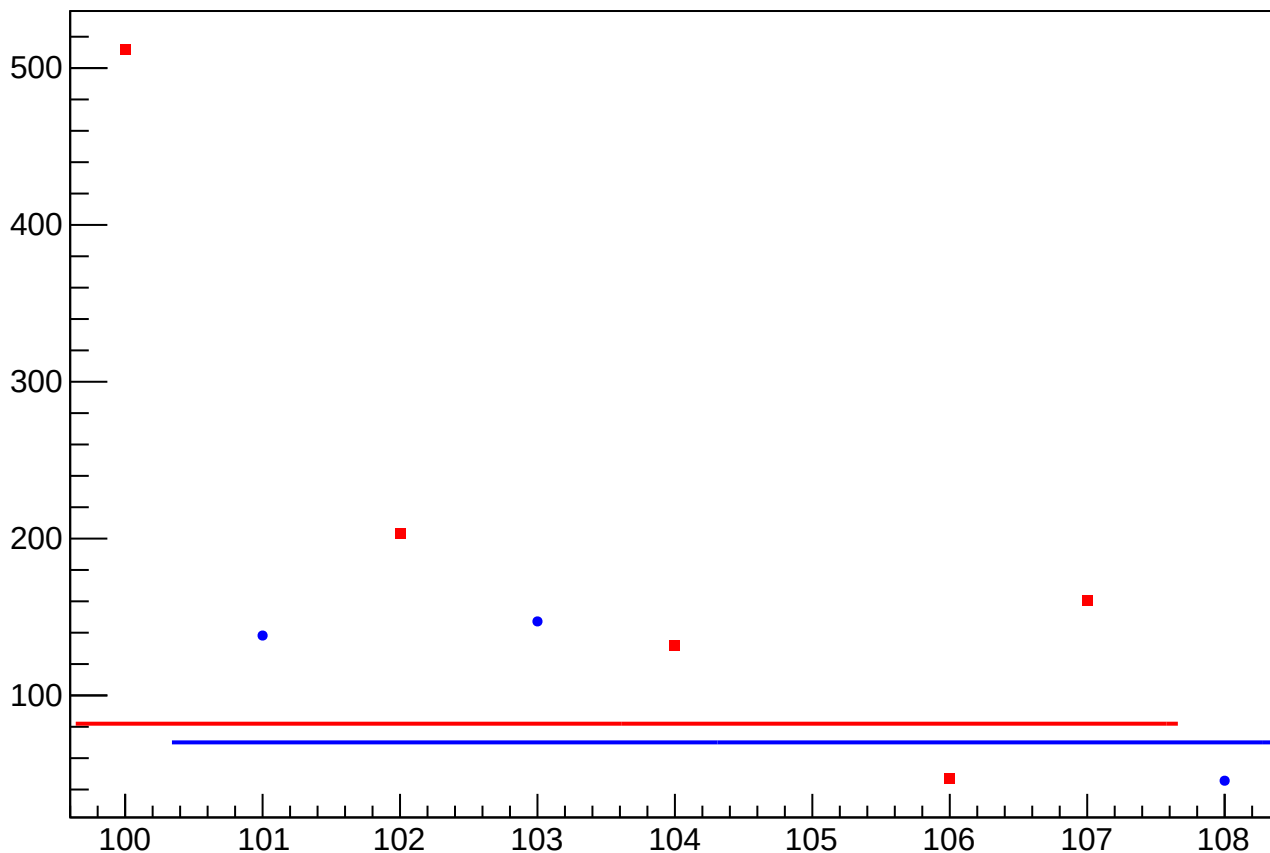
Right: 0.042 $\pm$ 0.054 χ^2 /NDF: 6.4/7

In: 0.038 $\pm$ 0.067 χ^2 /NDF: 3.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.042 $\pm$ 0.054 χ^2 /NDF: 6.4/7

asym_at1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.061+/-0.048 χ^2/NDF : 782583.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.974+/-0.064 χ^2/NDF : 719620.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

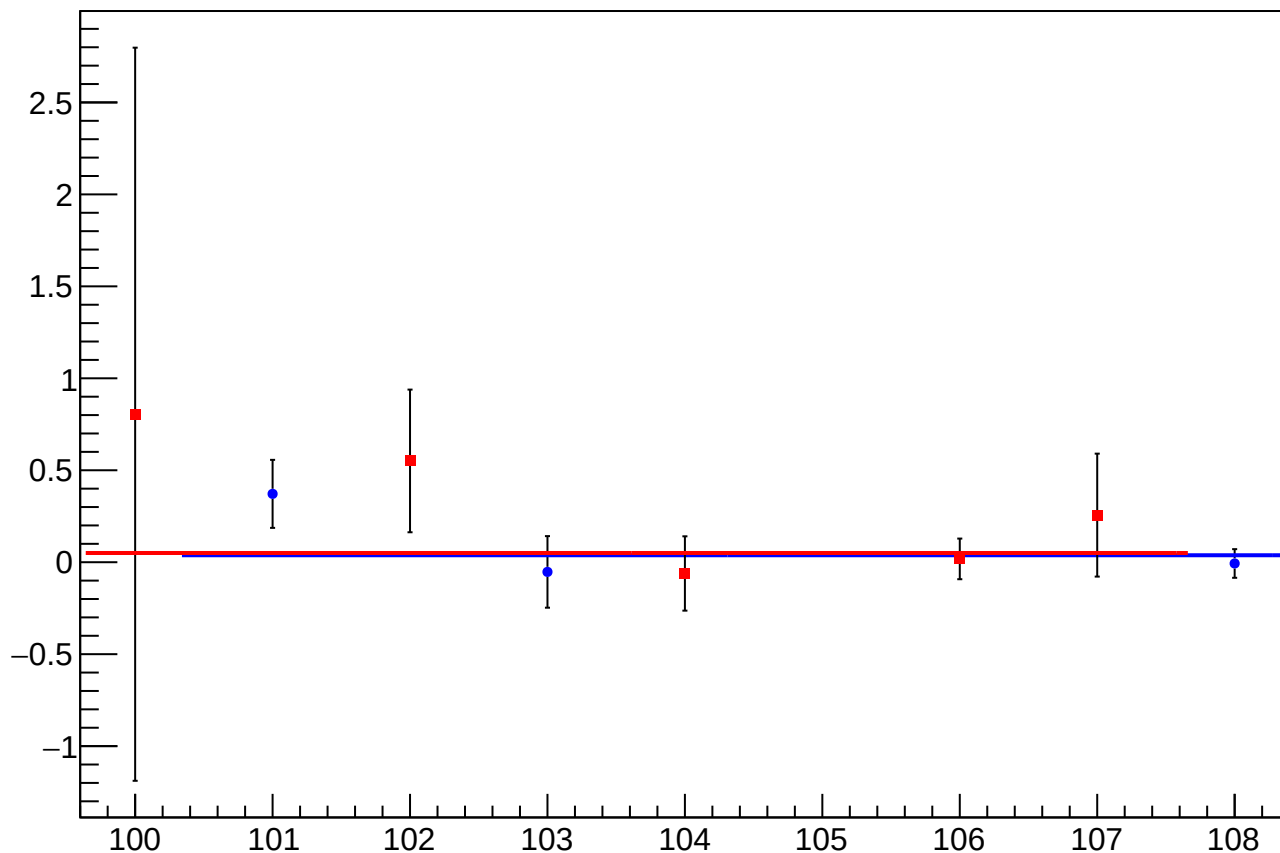
Right: 74.310+/-0.038 χ^2/NDF : 1524529.9/7

In: 70.061+/-0.048 χ^2/NDF : 782583.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.310+/-0.038 χ^2/NDF : 1524529.9/7

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.038 $\pm$ 0.067 χ^2 /NDF: 3.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.050 $\pm$ 0.090 χ^2 /NDF: 2.6/4

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

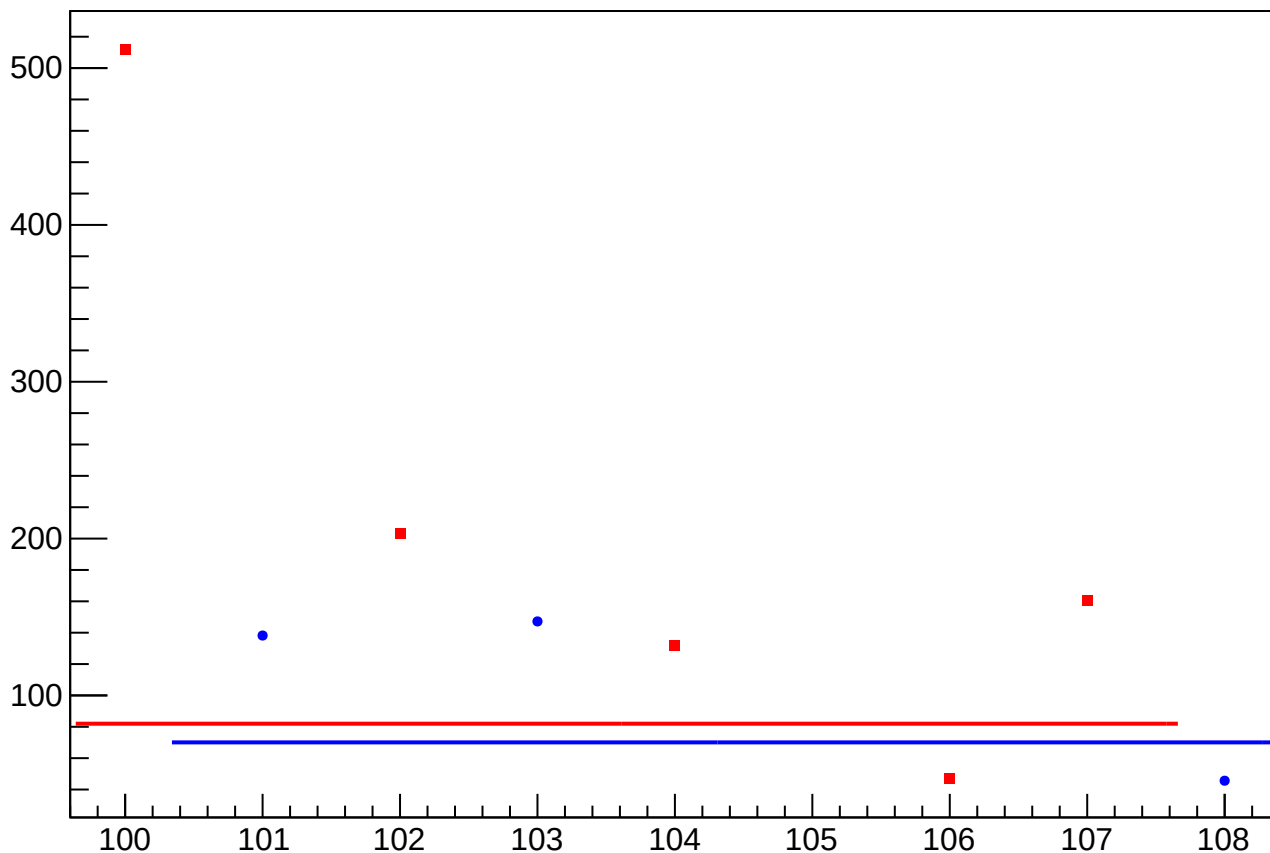
Right: 0.042 $\pm$ 0.054 χ^2 /NDF: 6.4/7

In: 0.038 $\pm$ 0.067 χ^2 /NDF: 3.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.042 $\pm$ 0.054 χ^2 /NDF: 6.4/7

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.061+/-0.048 χ^2/NDF : 782583.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.974+/-0.064 χ^2/NDF : 719620.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

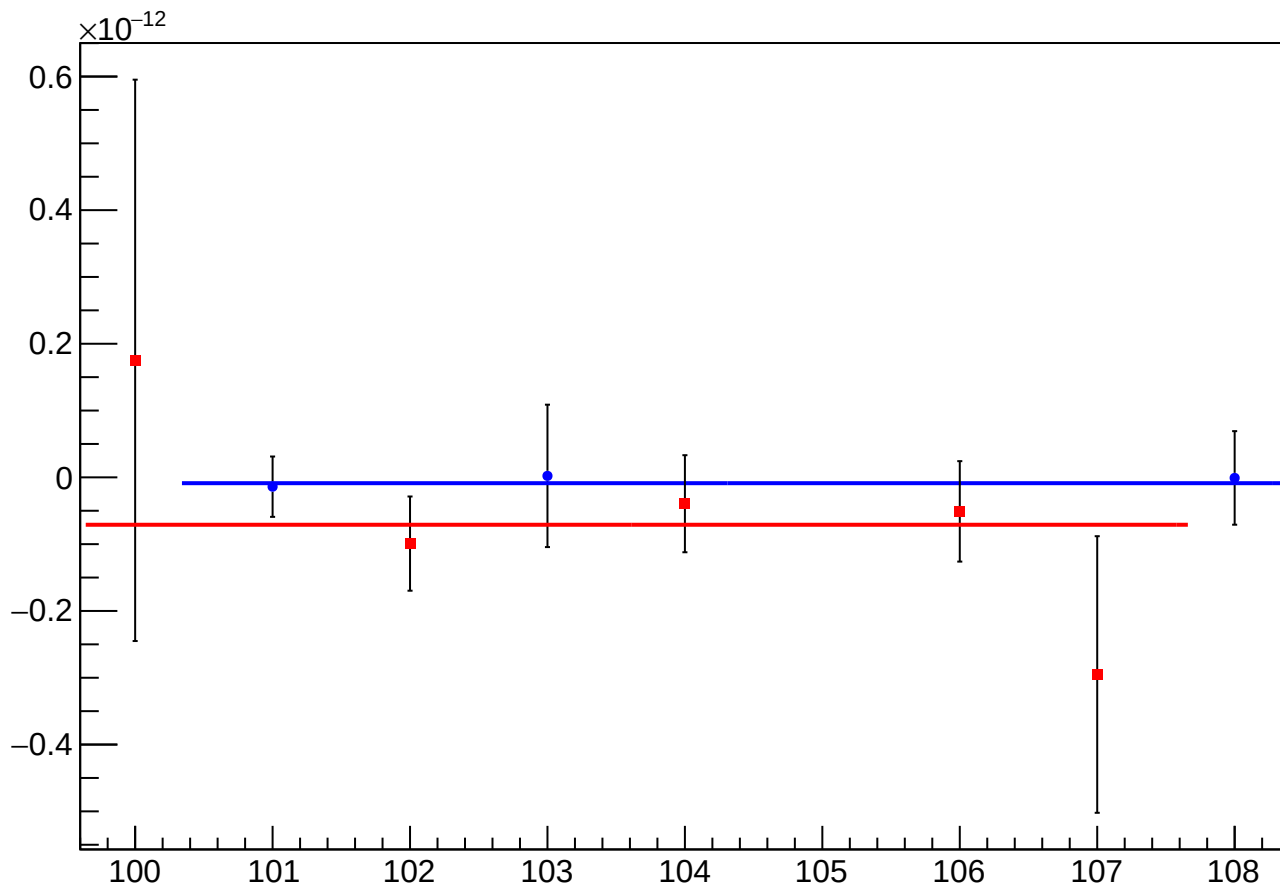
Right: 74.310+/-0.038 χ^2/NDF : 1524529.9/7

In: 70.061+/-0.048 χ^2/NDF : 782583.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.310+/-0.038 χ^2/NDF : 1524529.9/7

asym_at1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

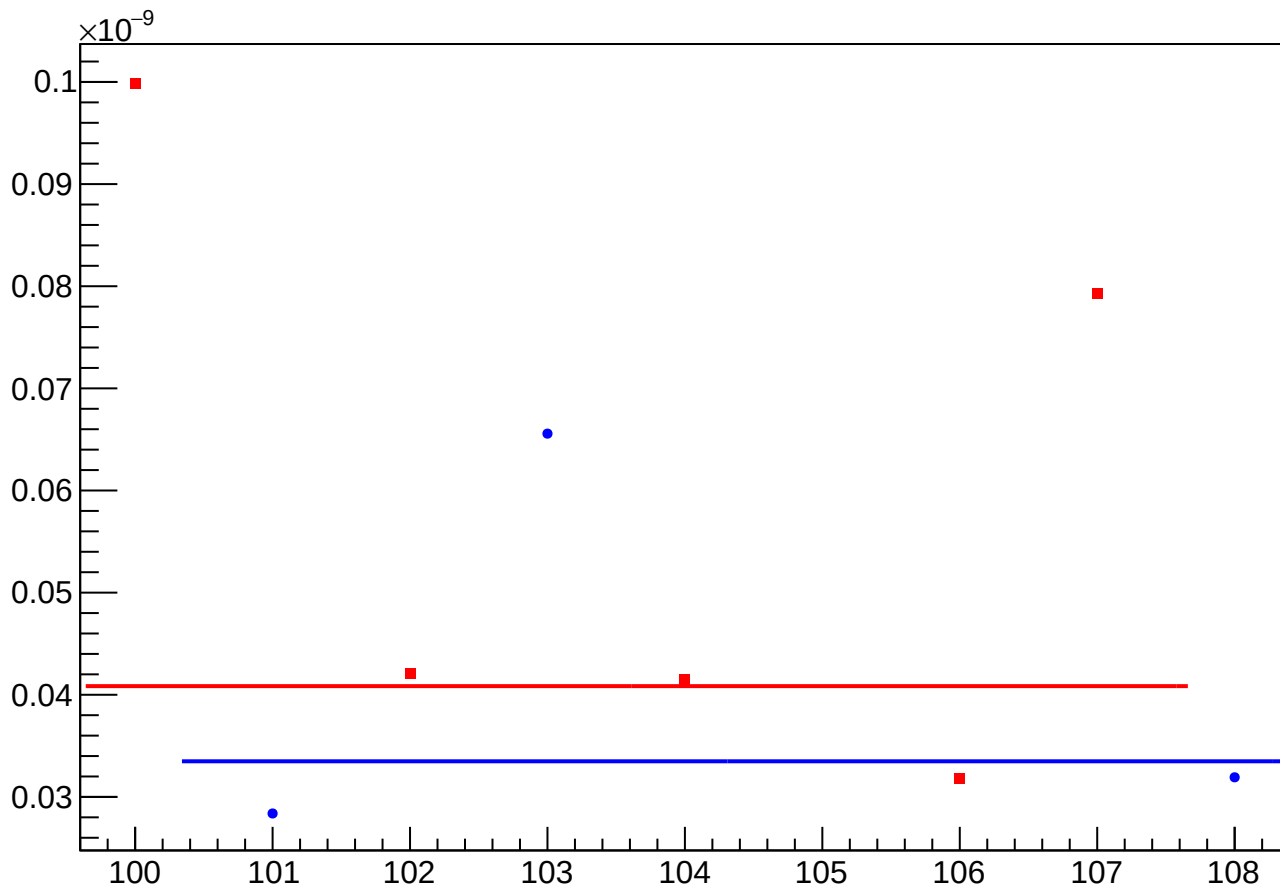
Right: -0.000+/-0.000 χ^2/NDF : 3.3/7

In: -0.000+/-0.000 χ^2/NDF : 0.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.3/7

asym_at1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 207768.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 138419.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

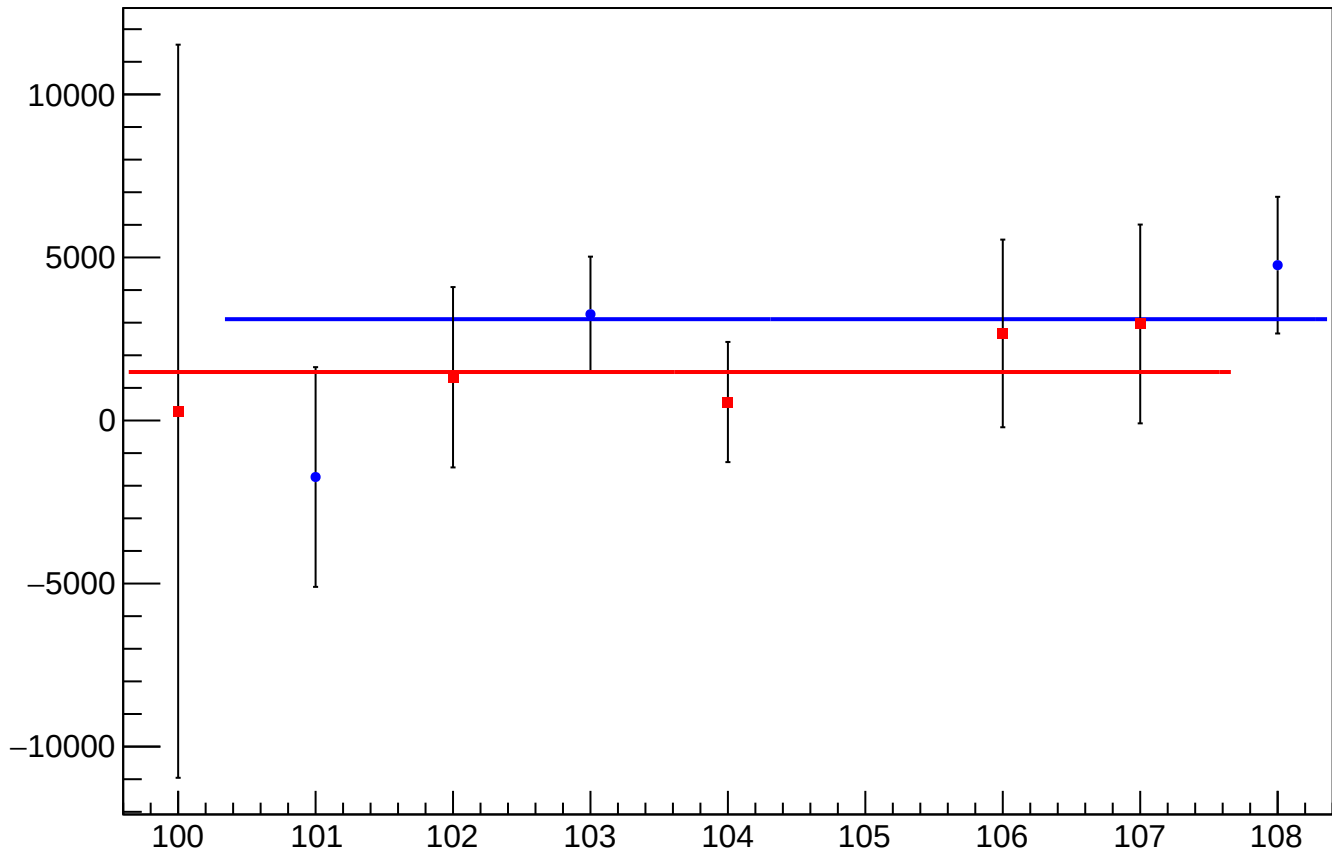
Right: 0.000+/-0.000 χ^2/NDF : 382834.5/7

In: 0.000+/-0.000 χ^2/NDF : 207768.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 382834.5/7

reg_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3107.274+/-1253.032 χ^2 /NDF: 2.7/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1487.110+/-1229.433 χ^2 /NDF: 0.7/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

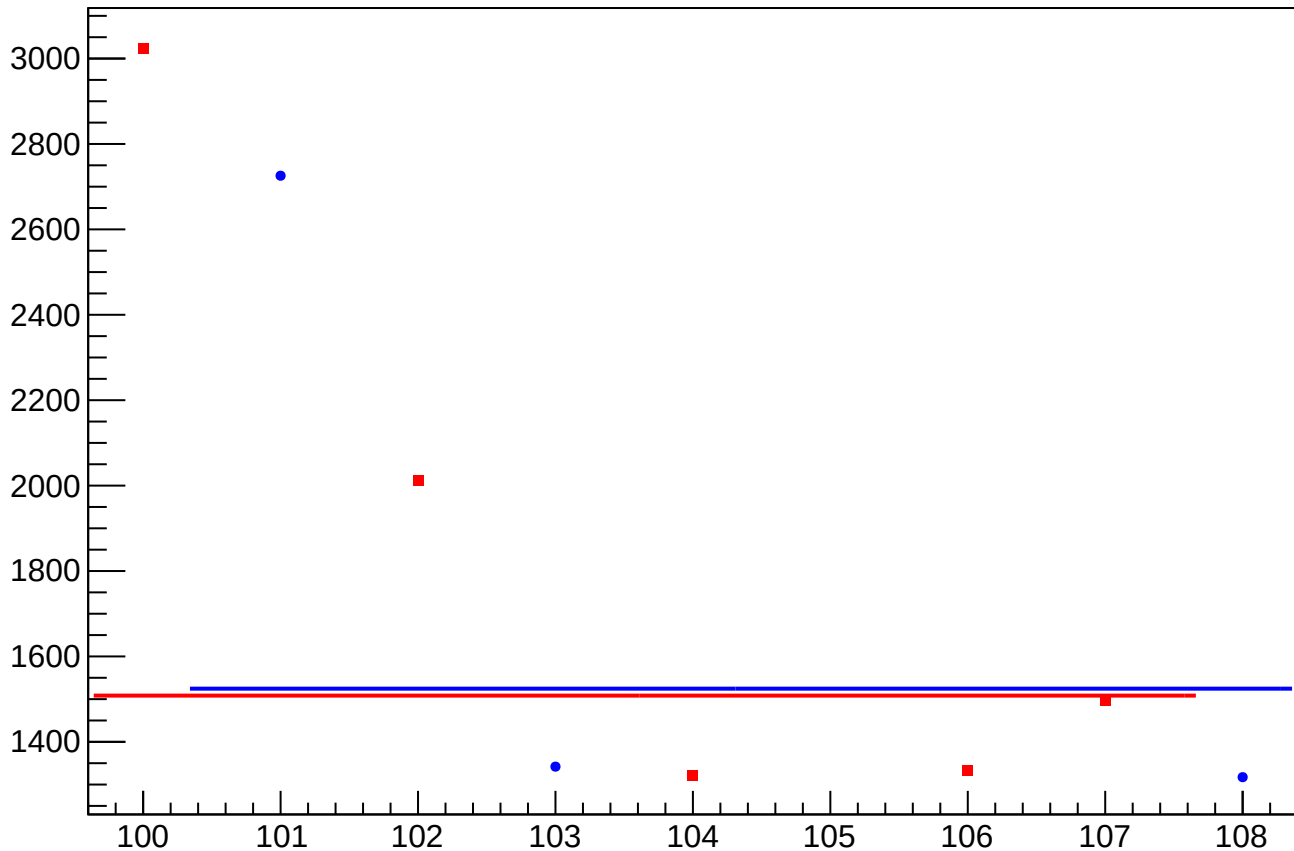
Right: 2281.791+/-877.565 χ^2 /NDF: 4.2/7

In: 3107.274+/-1253.032 χ^2 /NDF:2.7/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2281.791+/-877.565 χ^2 /NDF: 4.2/7

reg_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1524.544+/-0.886 χ^2/NDF : 295168.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1508.287+/-0.869 χ^2/NDF : 131095.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

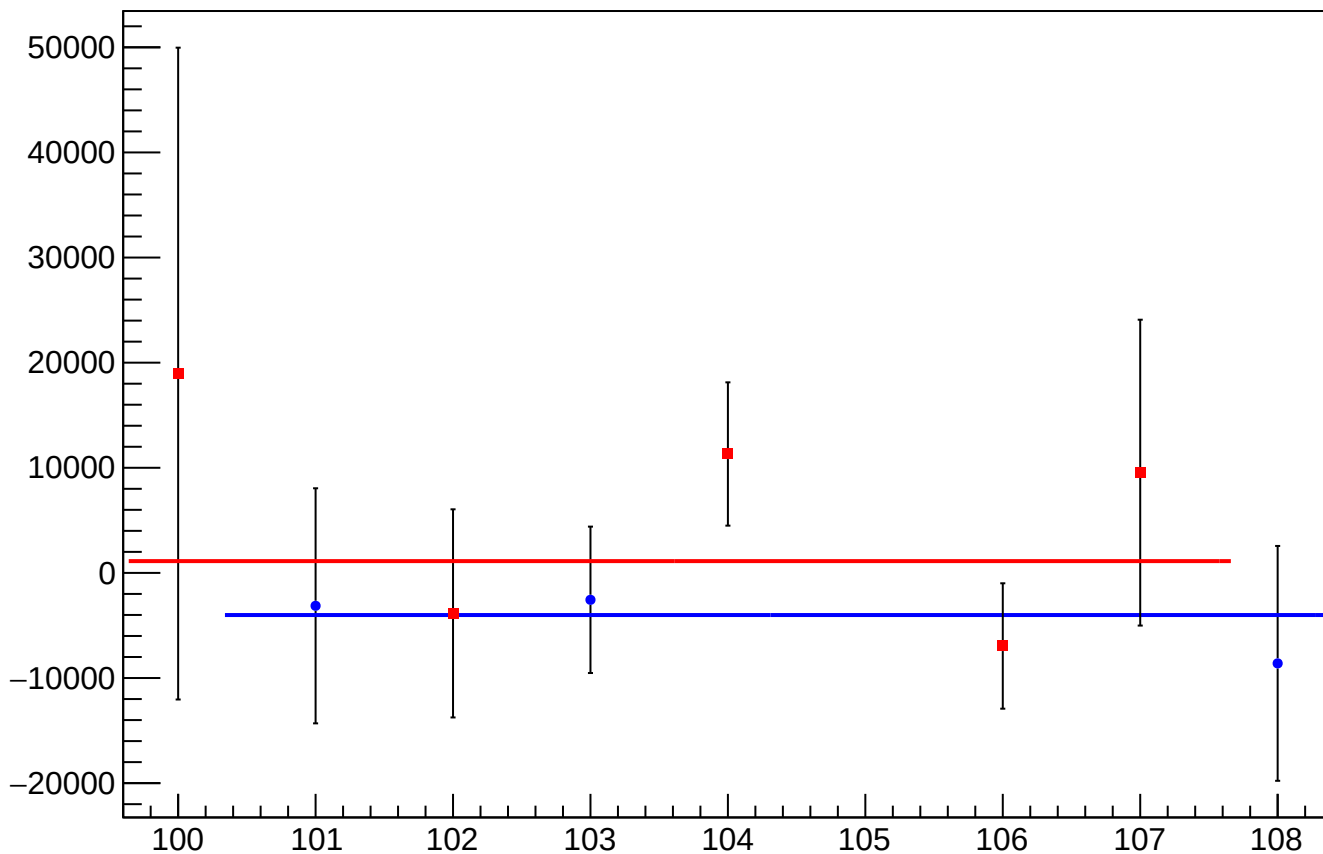
Right: 1516.261+/-0.621 χ^2/NDF : 426435.5/7

In: 1524.544+/-0.886 χ^2/NDF : 295168.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1516.261+/-0.621 χ^2/NDF : 426435.5/7

asym_at2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -4007.697+/-5224.603 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1122.082+/-3904.462 χ^2/NDF : 5.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

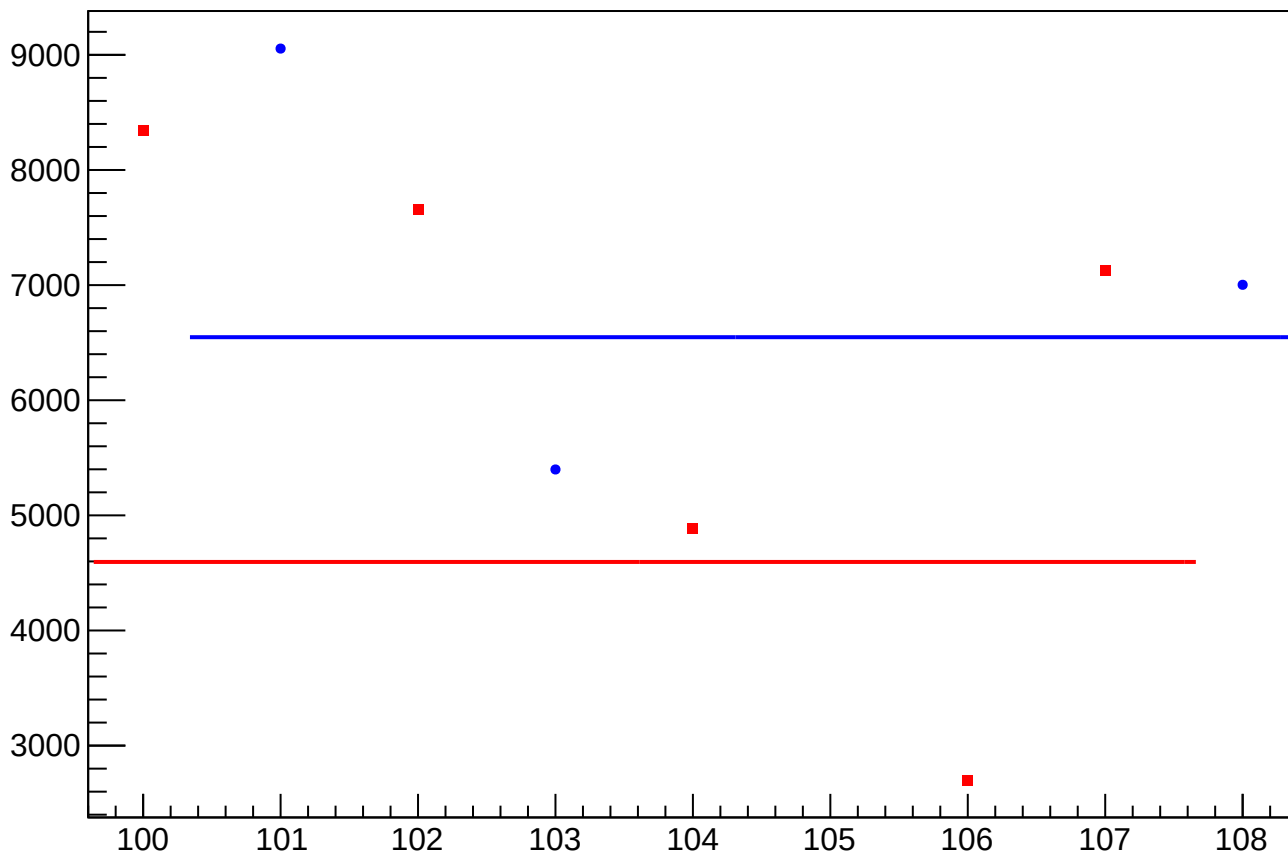
Right: -716.192+/-3127.585 χ^2/NDF : 5.8/7

In: -4007.697+/-5224.603 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -716.192+/-3127.585 χ^2/NDF : 5.8/7

asym_at2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 6547.665+/-3.694 χ^2/NDF : 158299.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4595.352+/-2.761 χ^2/NDF : 486490.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

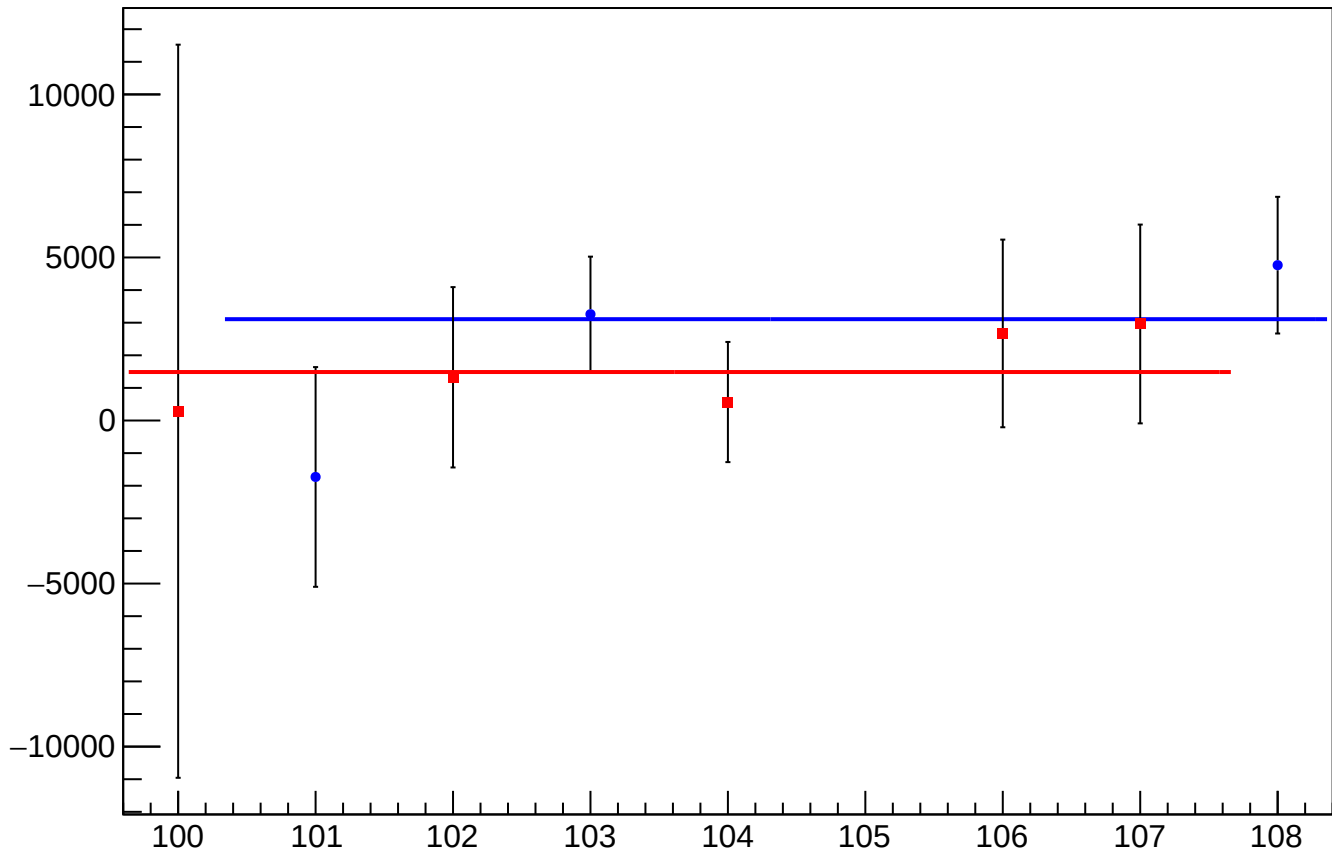
Right: 5294.970+/-2.212 χ^2/NDF : 823980.7/7

In: 6547.665+/-3.694 χ^2/NDF : 158299.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5294.970+/-2.212 χ^2/NDF : 823980.7/7

cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3107.566+/-1253.032 χ^2 /NDF: 2.7/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1486.892+/-1229.433 χ^2 /NDF: 0.7/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

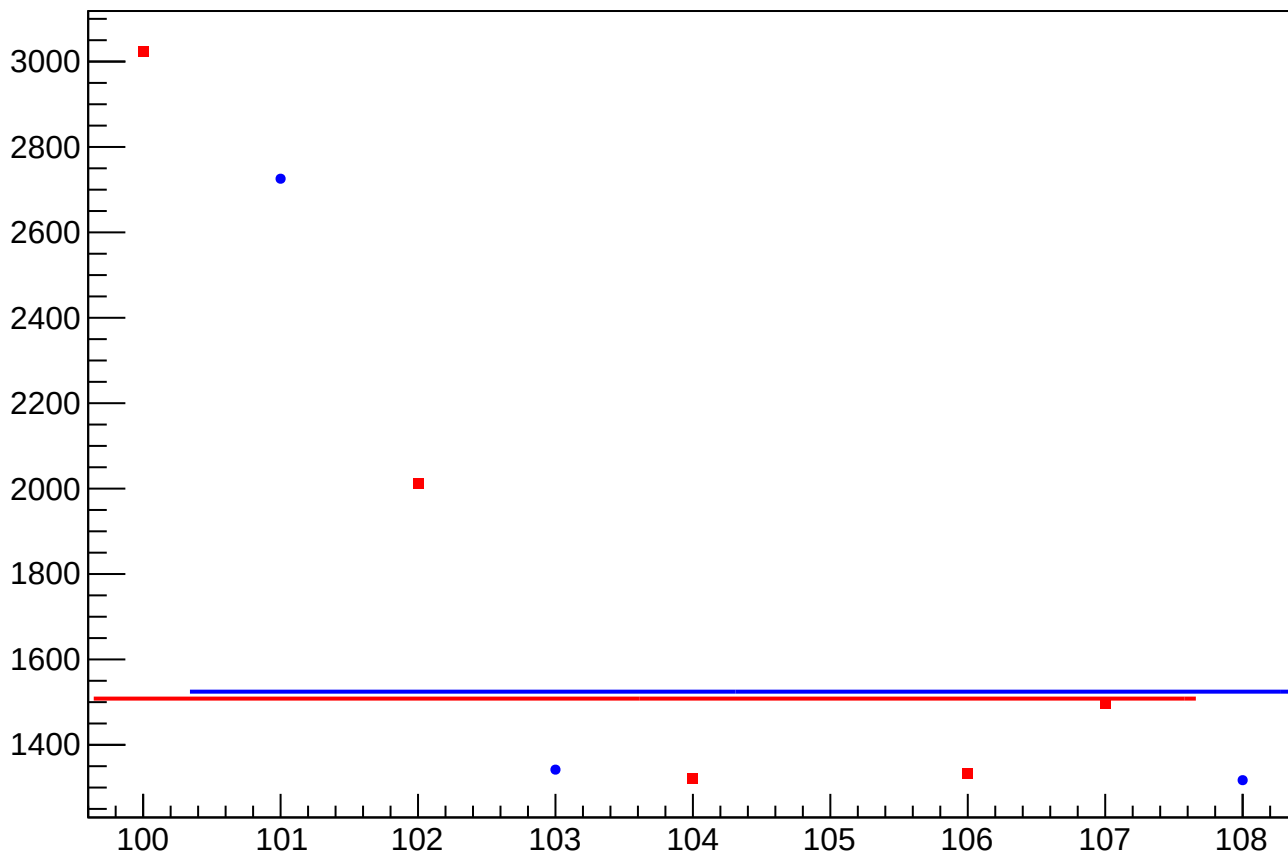
Right: 2281.823+/-877.565 χ^2 /NDF: 4.2/7

In: 3107.566+/-1253.032 χ^2 /NDF:2.7/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2281.823+/-877.565 χ^2 /NDF: 4.2/7

cor_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1524.543+/-0.886 χ^2/NDF : 295168.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1508.286+/-0.869 χ^2/NDF : 131095.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

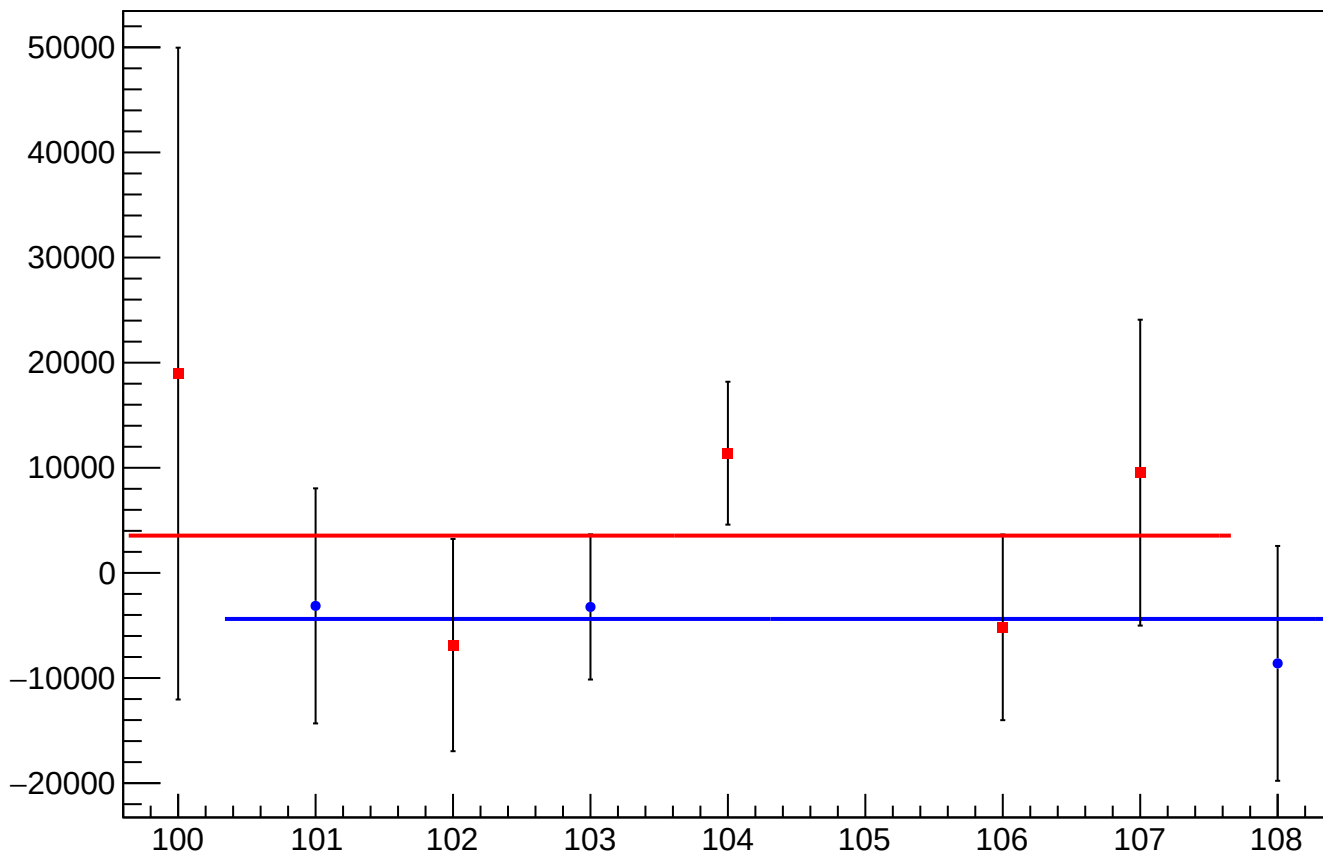
Right: 1516.260+/-0.621 χ^2/NDF : 426435.3/7

In: 1524.543+/-0.886 χ^2/NDF : 295168.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1516.260+/-0.621 χ^2/NDF : 426435.3/7

asym_at2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -4379.561+/-5199.446 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3547.813+/-4469.998 χ^2/NDF : 3.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

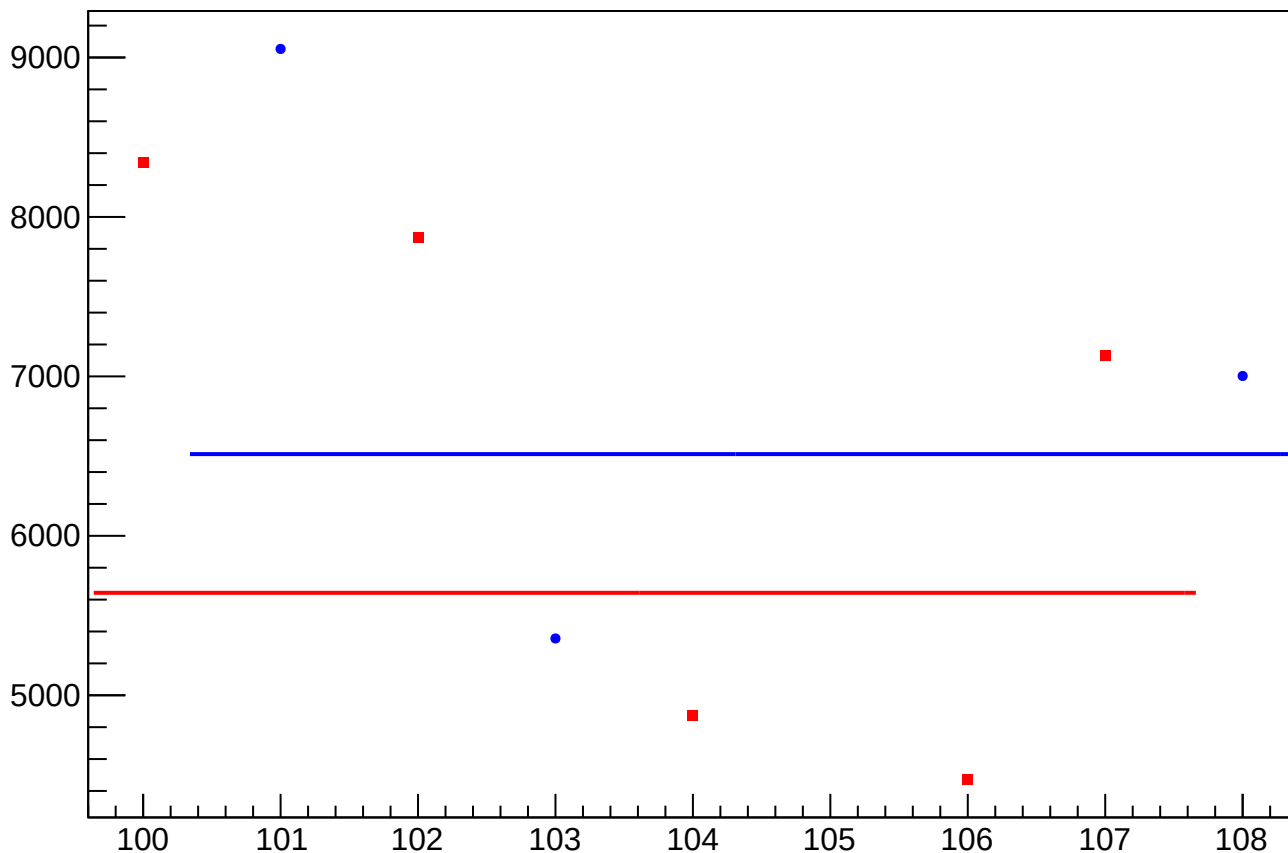
Right: 178.770+/-3389.578 χ^2/NDF : 5.3/7

In: -4379.561+/-5199.446 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.770+/-3389.578 χ^2/NDF : 5.3/7

asym_at2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 6512.573+/-3.677 χ^2/NDF : 163249.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5642.779+/-3.161 χ^2/NDF : 194654.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

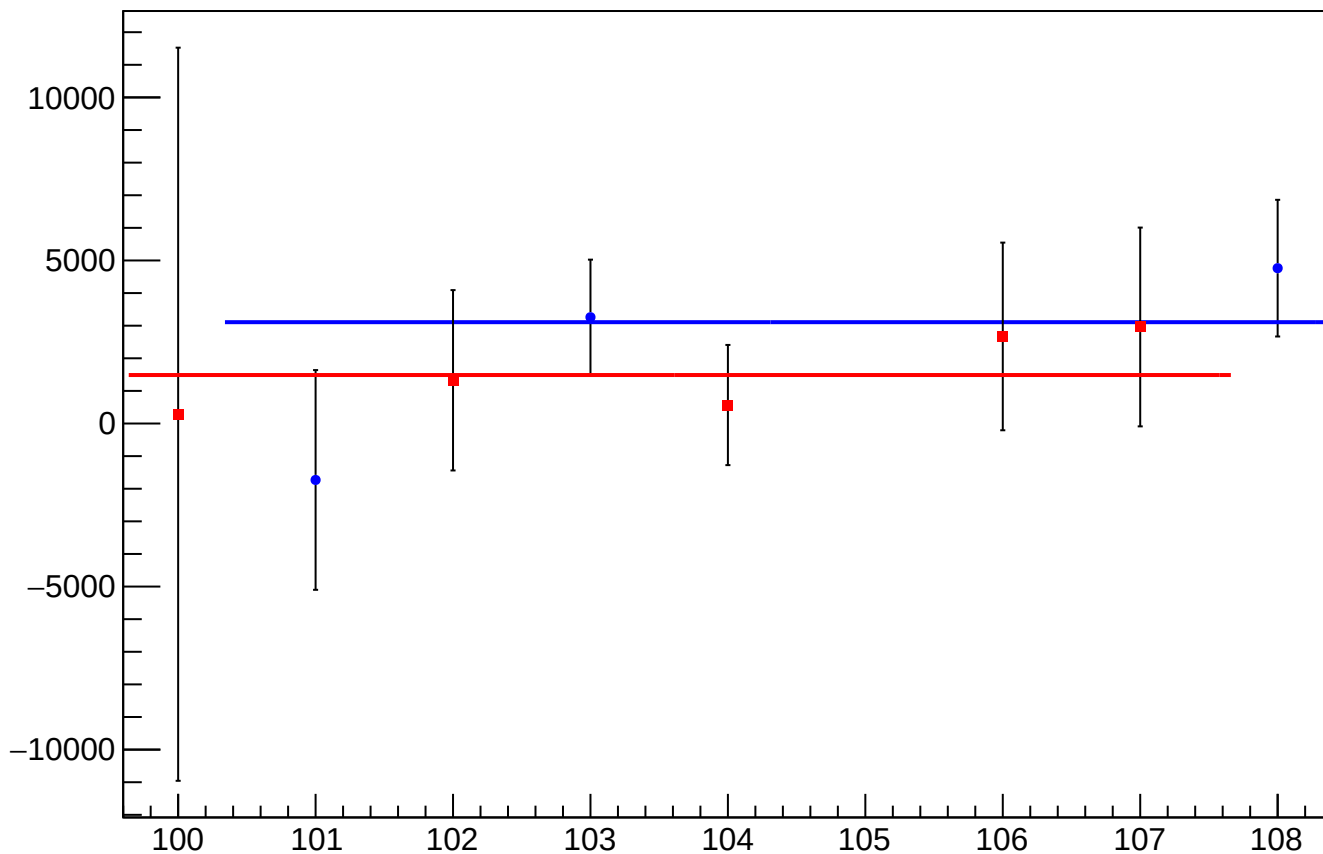
Right: 6012.431+/-2.397 χ^2/NDF : 390087.1/7

In: 6512.573+/-3.677 χ^2/NDF : 163249.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6012.431+/-2.397 χ^2/NDF : 390087.1/7

eigen_cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3107.566 $\pm$ 1253.032 χ^2 /NDF: 2.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1486.892 $\pm$ 1229.433 χ^2 /NDF: 0.7/4

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

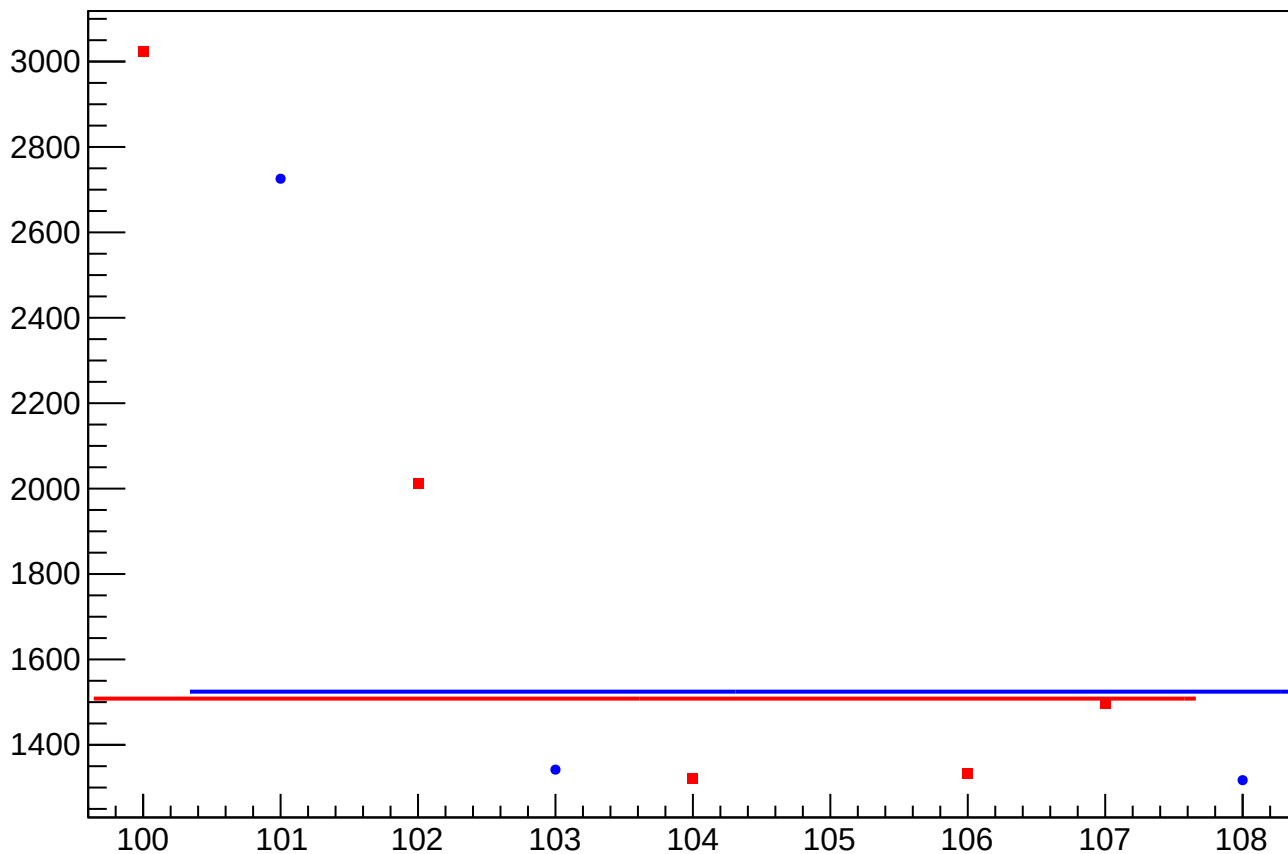
Right: 2281.823 $\pm$ 877.565 χ^2 /NDF: 4.2/7

In: 3107.566 $\pm$ 1253.032 χ^2 /NDF: 2.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2281.823 $\pm$ 877.565 χ^2 /NDF: 4.2/7

eigen_cor_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1524.543+/-0.886 χ^2/NDF : 295168.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1508.286+/-0.869 χ^2/NDF : 131095.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

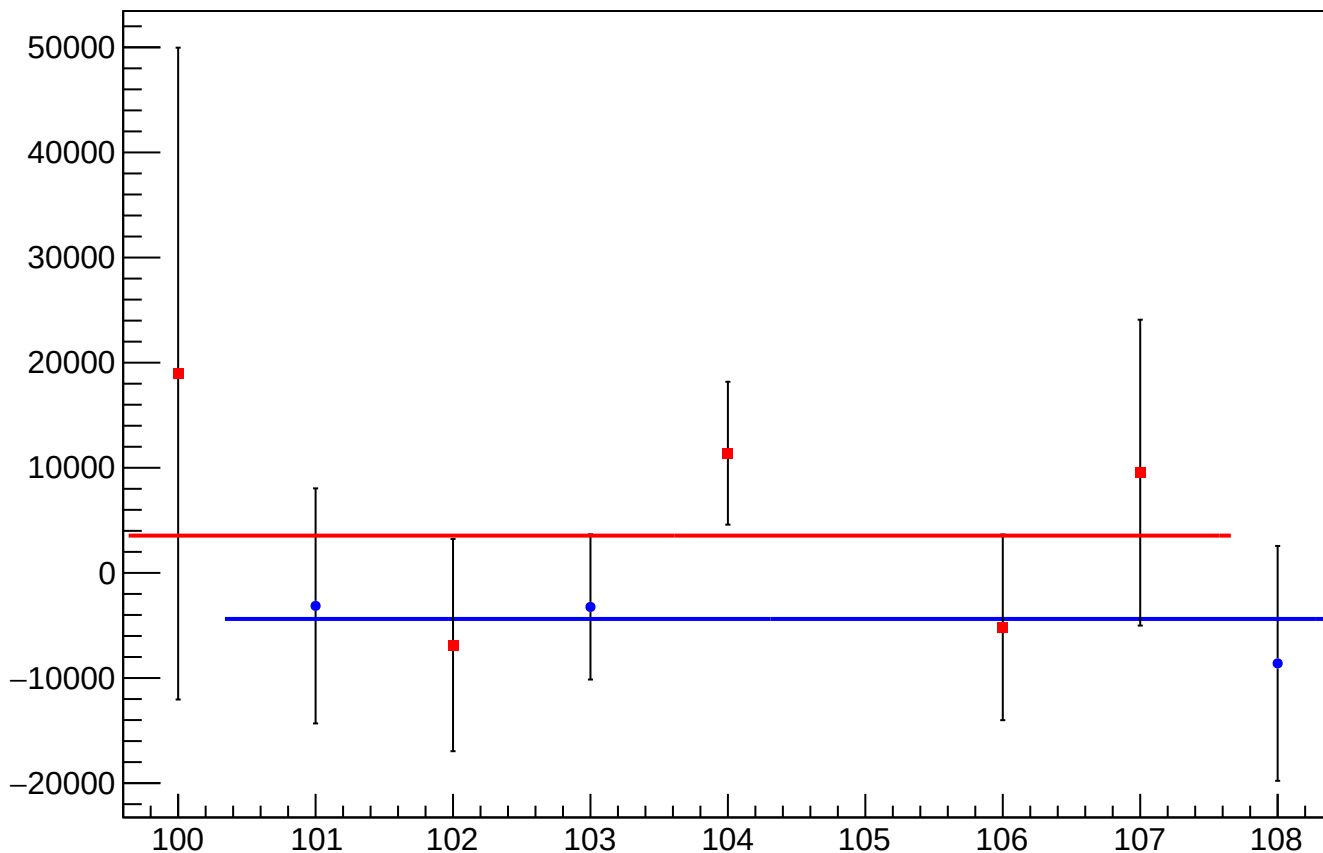
Right: 1516.260+/-0.621 χ^2/NDF : 426435.3/7

In: 1524.543+/-0.886 χ^2/NDF : 295168.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1516.260+/-0.621 χ^2/NDF : 426435.3/7

asym_at2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -4379.561+/-5199.446 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3547.813+/-4469.998 χ^2/NDF : 3.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

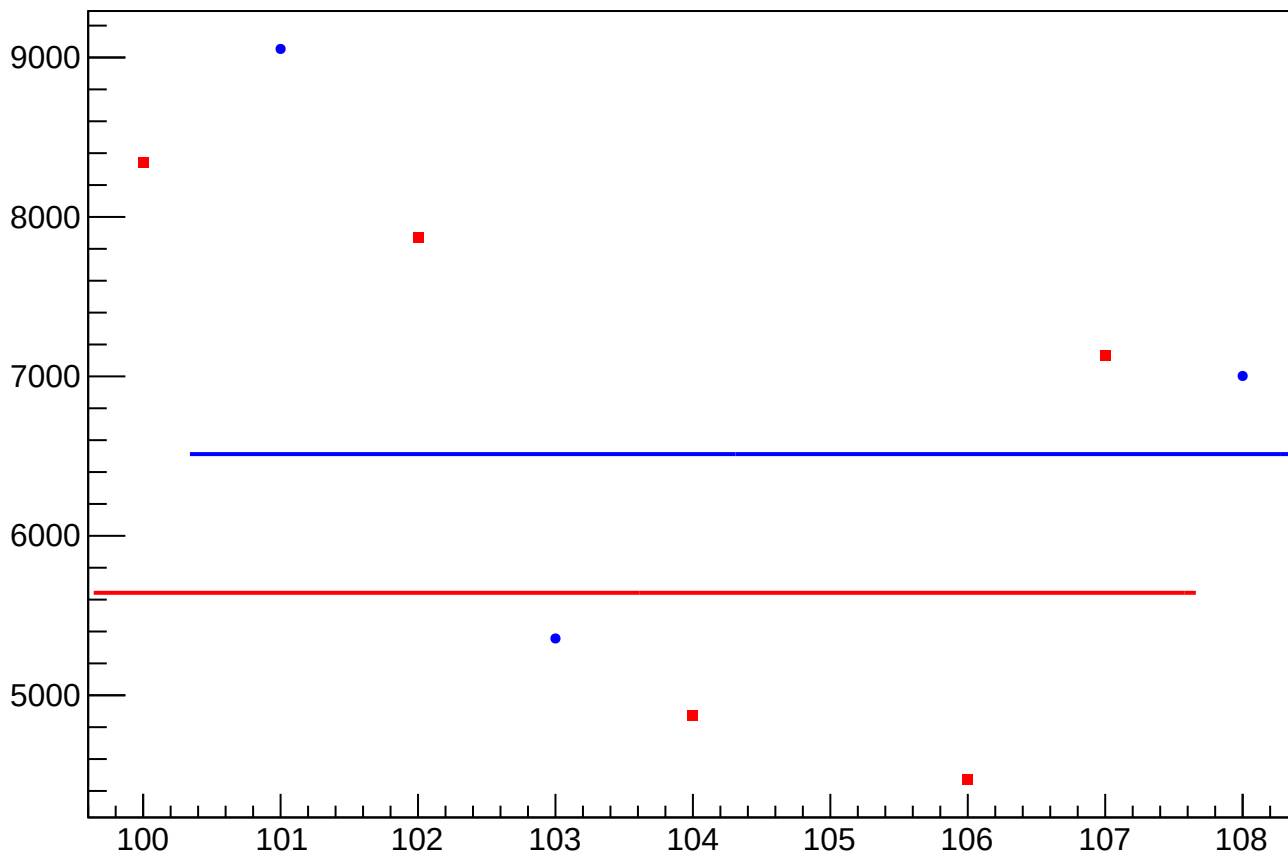
Right: 178.770+/-3389.578 χ^2/NDF : 5.3/7

In: -4379.561+/-5199.446 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.770+/-3389.578 χ^2/NDF : 5.3/7

asym_at2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 6512.573+/-3.677 χ^2/NDF : 163249.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5642.779+/-3.161 χ^2/NDF : 194654.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

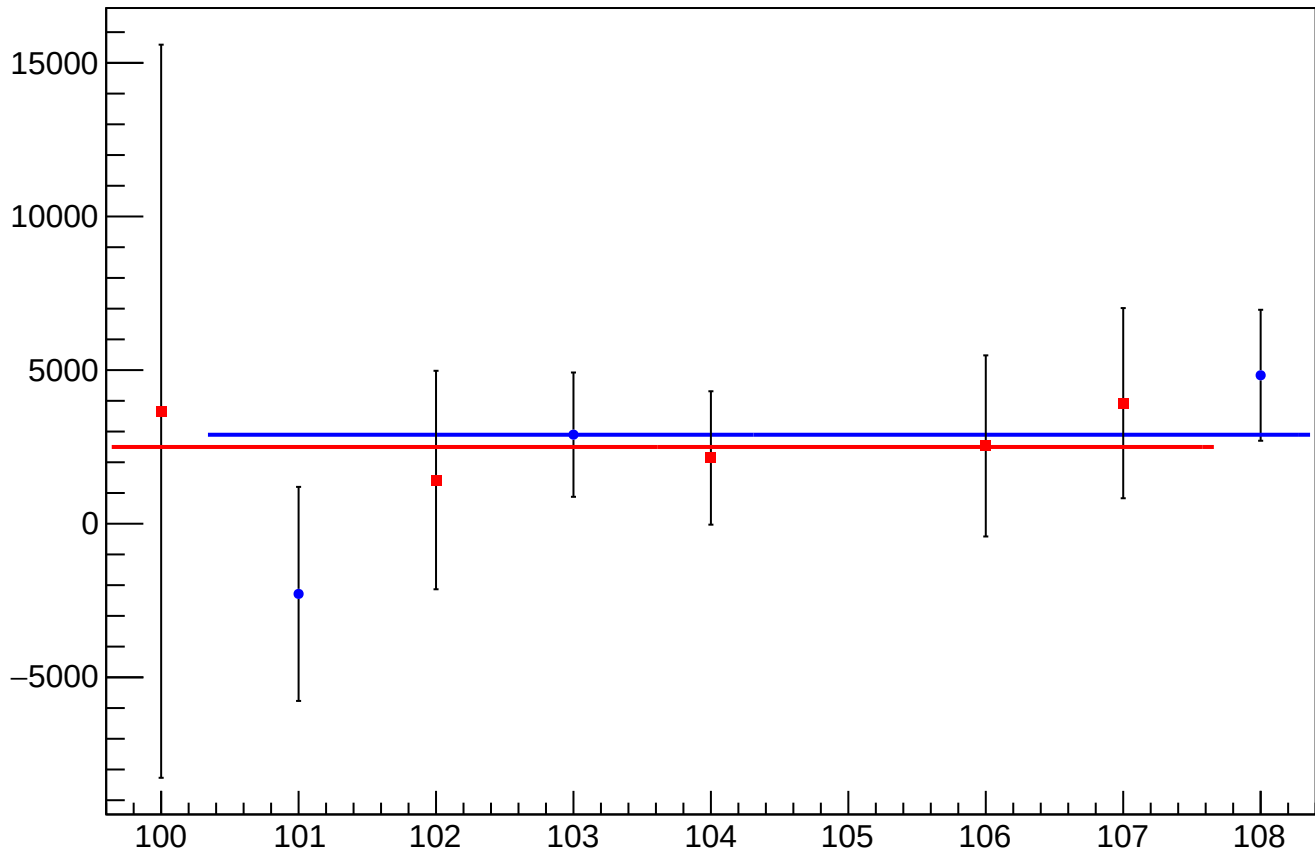
Right: 6012.431+/-2.397 χ^2/NDF : 390087.1/7

In: 6512.573+/-3.677 χ^2/NDF : 163249.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6012.431+/-2.397 χ^2/NDF : 390087.1/7

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2895.818 $\pm$ 1352.239 χ^2 /NDF: 3.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2497.806 $\pm$ 1389.770 χ^2 /NDF: 0.3/4

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

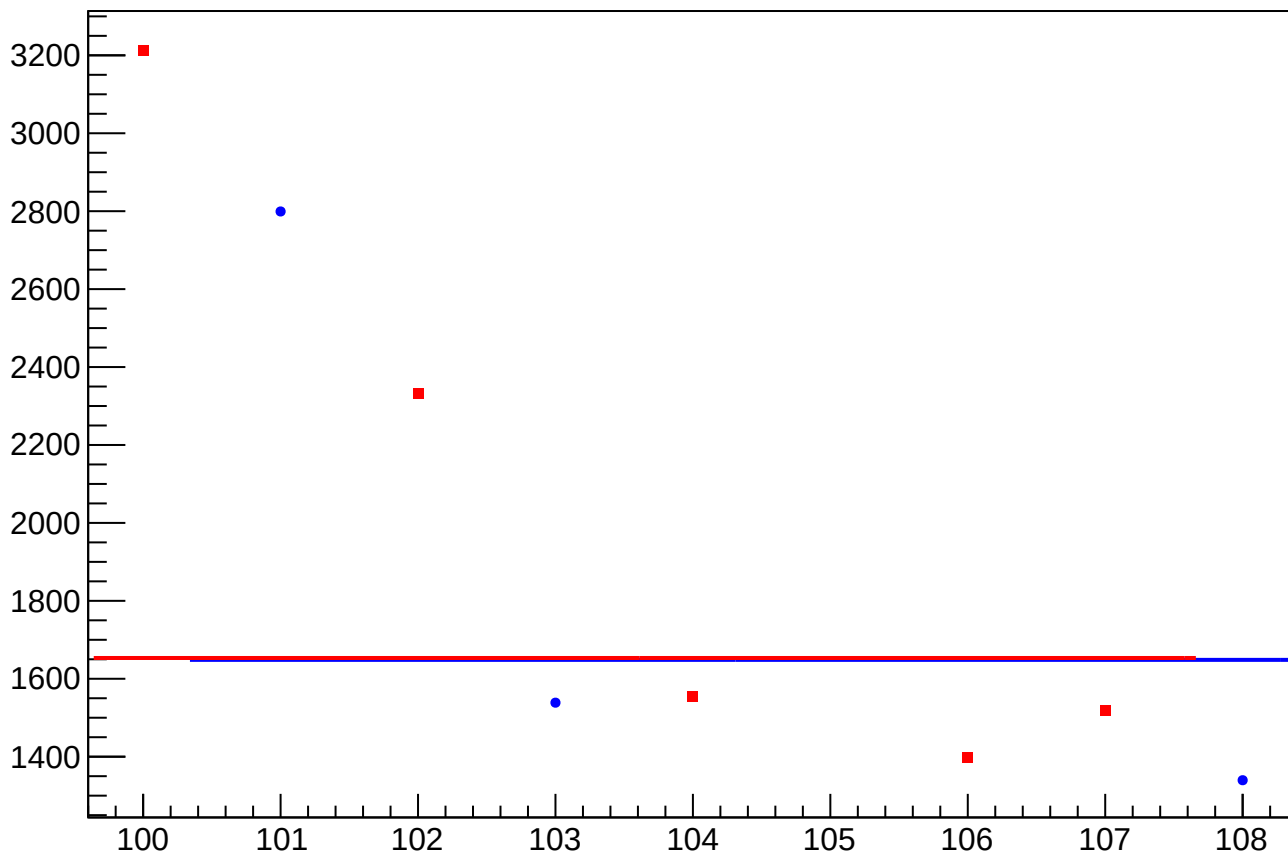
Right: 2702.259 $\pm$ 969.174 χ^2 /NDF: 3.4/7

In: 2895.818 $\pm$ 1352.239 χ^2 /NDF:3.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2702.259 $\pm$ 969.174 χ^2 /NDF: 3.4/7

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1648.493+/-0.956 χ^2/NDF : 266156.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1653.328+/-0.981 χ^2/NDF : 129876.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

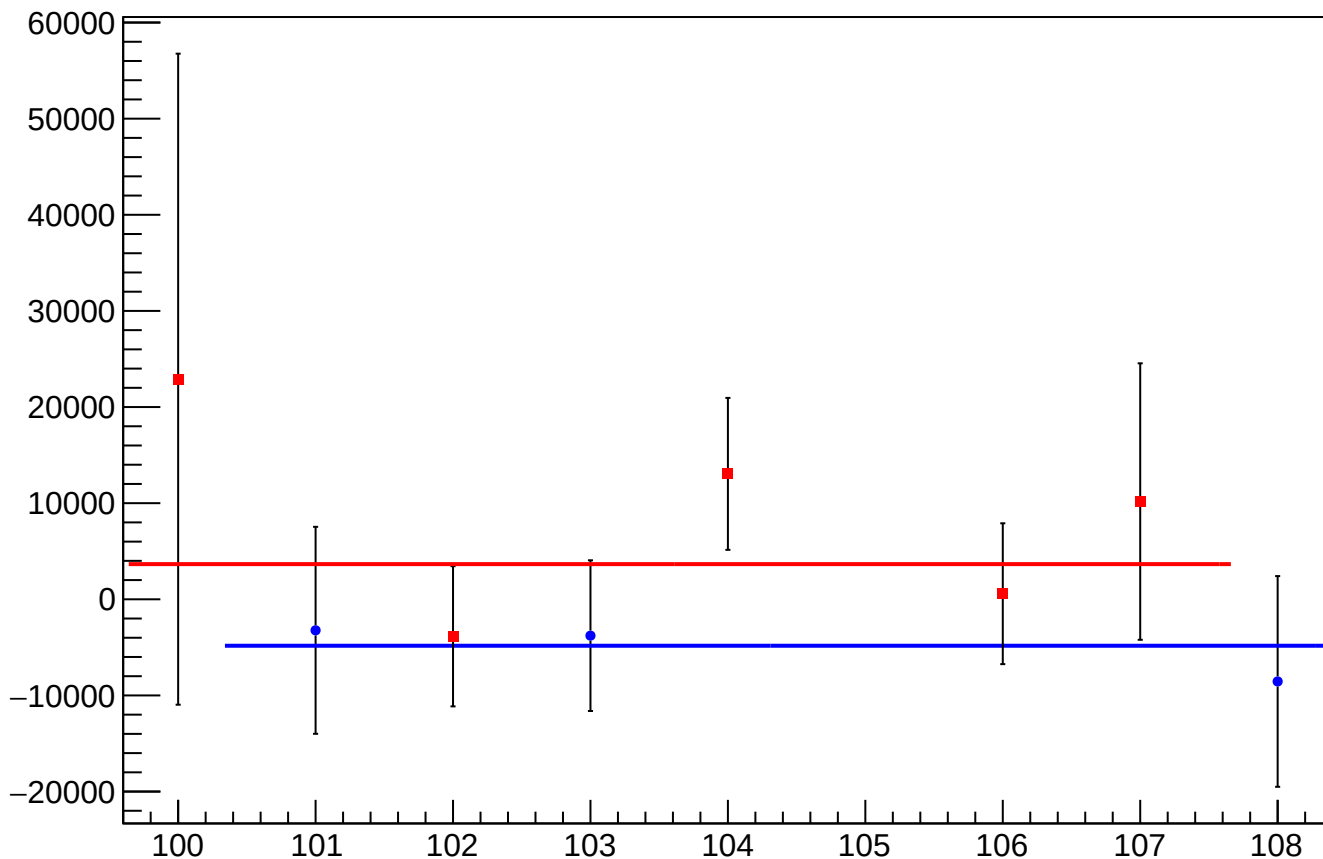
Right: 1650.848+/-0.685 χ^2/NDF : 396045.4/7

In: 1648.493+/-0.956 χ^2/NDF : 266156.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1650.848+/-0.685 χ^2/NDF : 396045.4/7

asym_at2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -4830.985+/-5486.070 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3659.837+/-4111.528 χ^2/NDF : 3.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

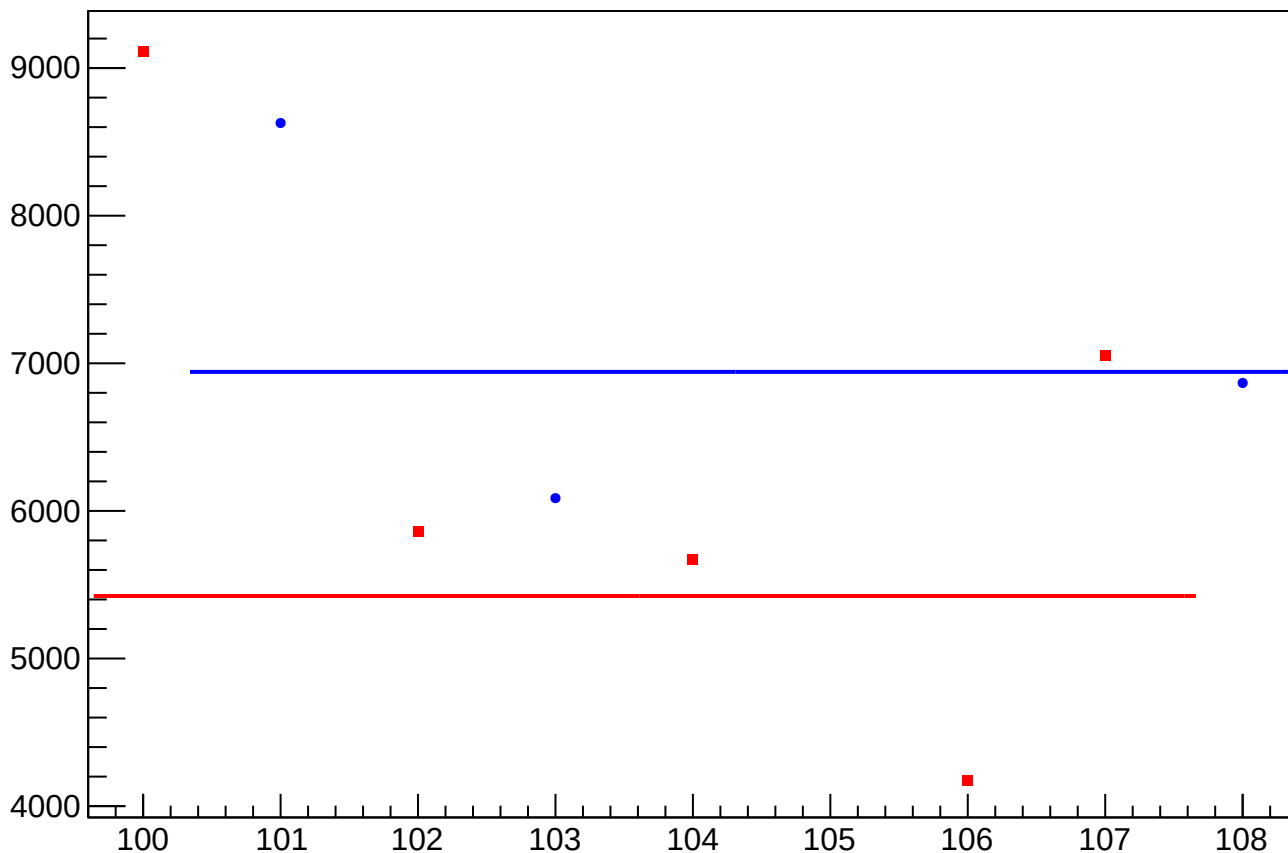
Right: 606.017+/-3290.093 χ^2/NDF : 4.9/7

In: -4830.985+/-5486.070 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 606.017+/-3290.093 χ^2/NDF : 4.9/7

asym_at2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 6941.929+/-3.879 χ^2/NDF : 72959.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5423.453+/-2.907 χ^2/NDF : 116312.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

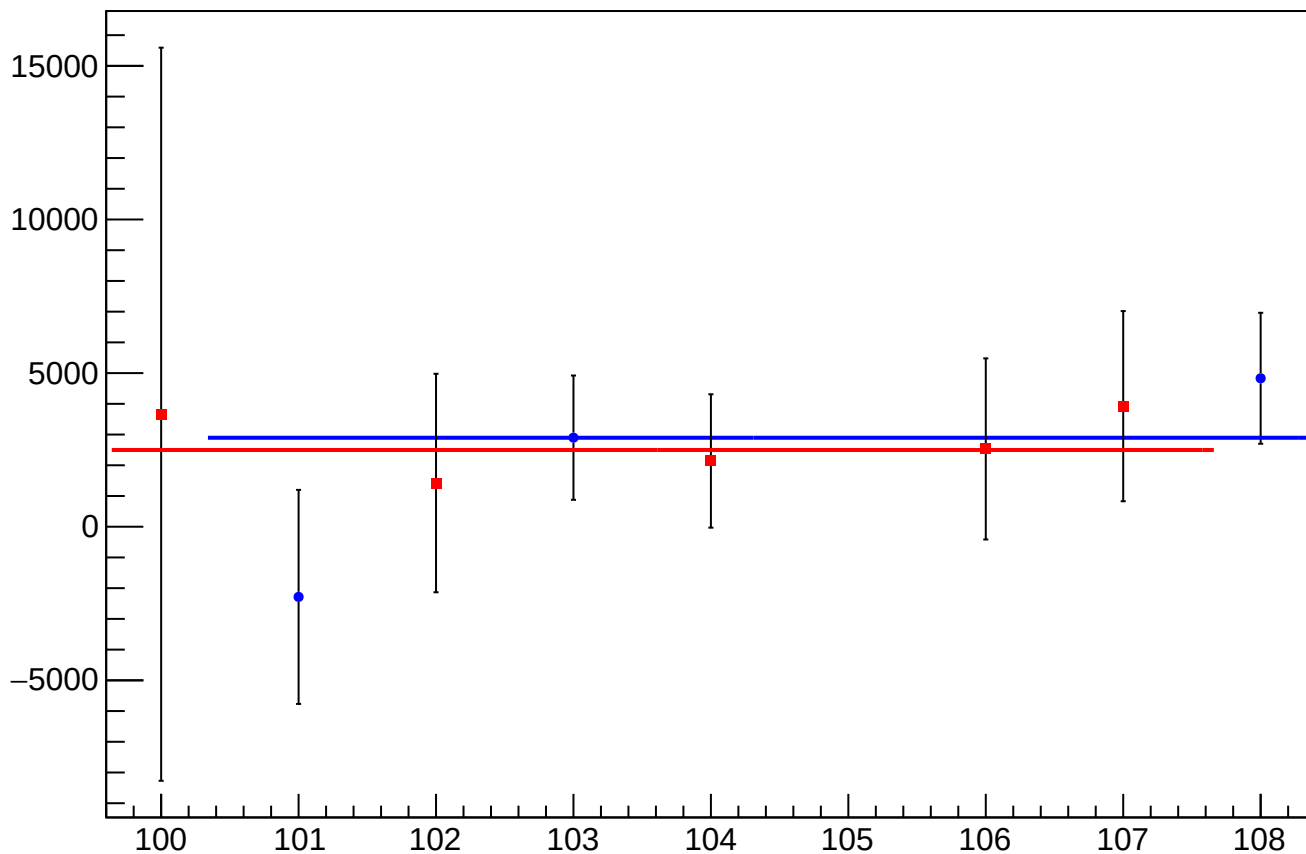
Right: 5969.590+/-2.326 χ^2/NDF : 287386.0/7

In: 6941.929+/-3.879 χ^2/NDF : 72959.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5969.590+/-2.326 χ^2/NDF : 287386.0/7

eigen_dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2895.819+/-1352.239 χ^2/NDF : 3.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2497.809+/-1389.770 χ^2/NDF : 0.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

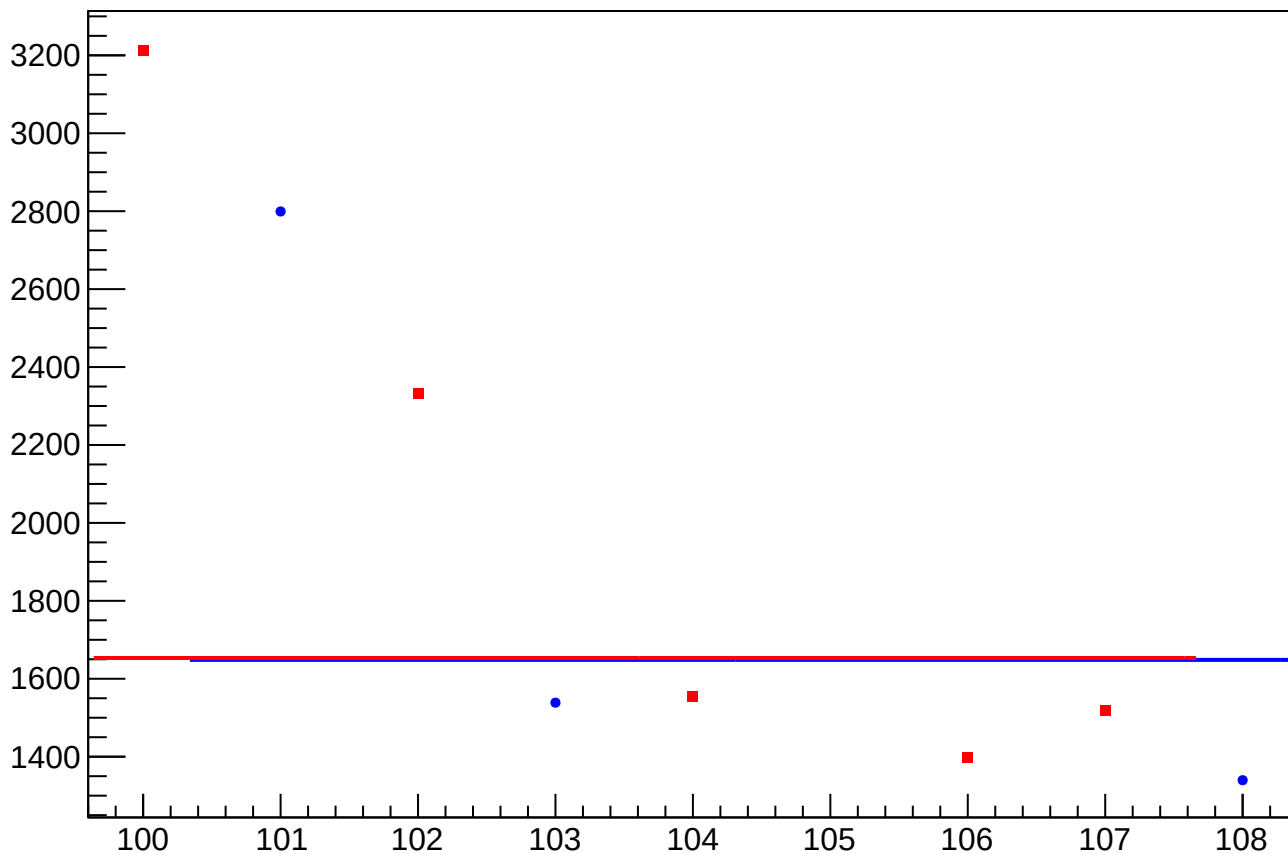
Right: 2702.261+/-969.174 χ^2/NDF : 3.4/7

In: 2895.819+/-1352.239 χ^2/NDF : 3.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2702.261+/-969.174 χ^2/NDF : 3.4/7

eigen_dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1648.493+/-0.956 χ^2/NDF : 266156.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1653.328+/-0.981 χ^2/NDF : 129876.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

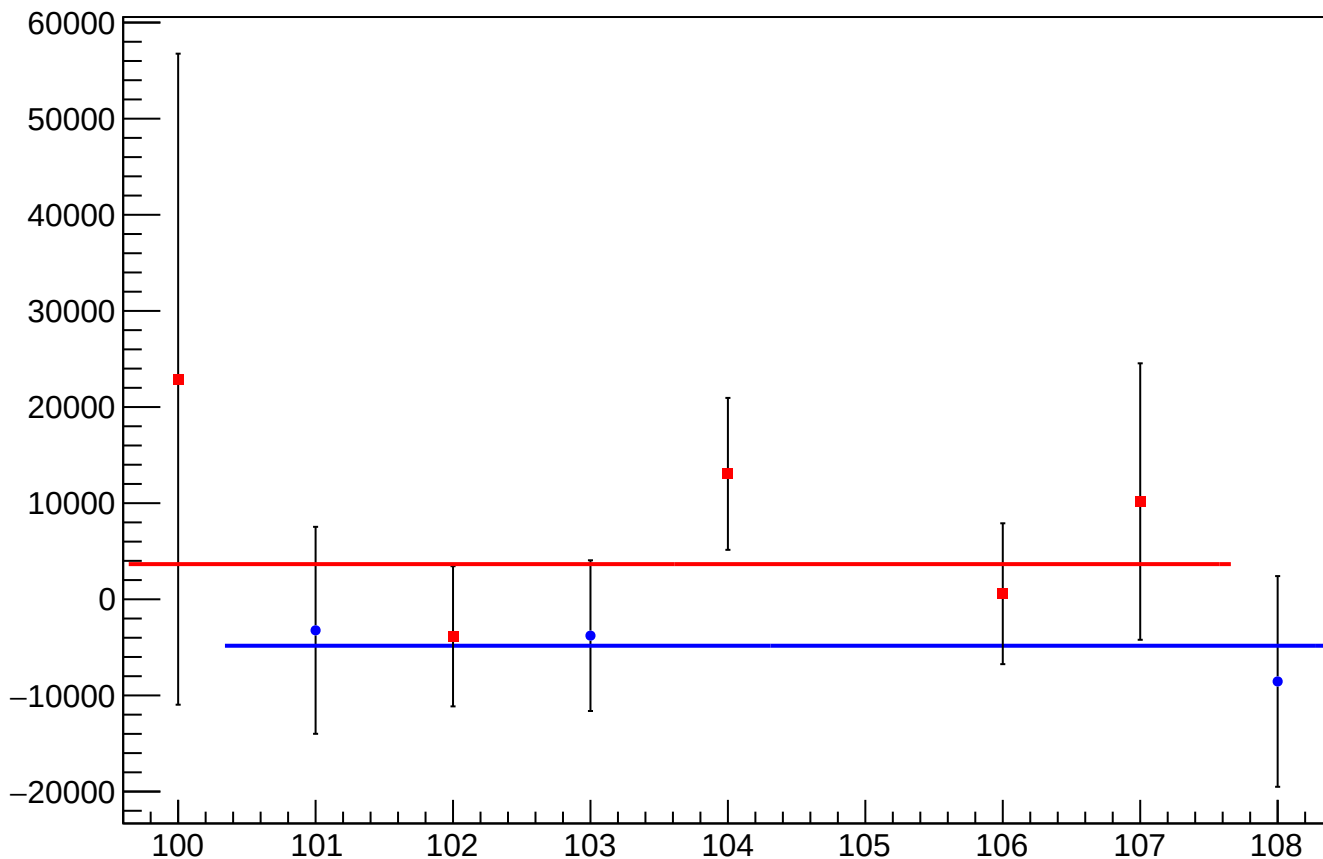
Right: 1650.849+/-0.685 χ^2/NDF : 396044.9/7

In: 1648.493+/-0.956 χ^2/NDF : 266156.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1650.849+/-0.685 χ^2/NDF : 396044.9/7

asym_at2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -4830.989+/-5486.066 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3659.847+/-4111.523 χ^2/NDF : 3.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

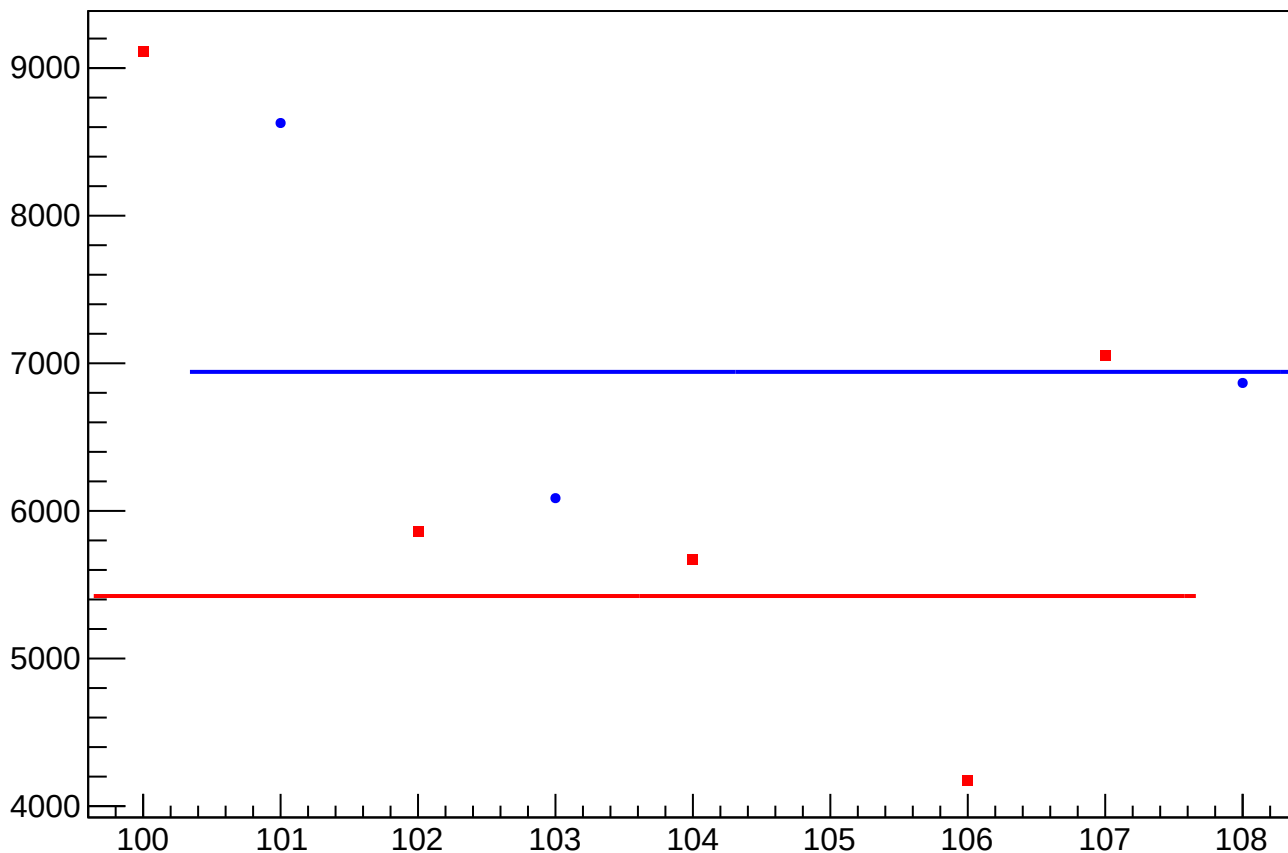
Right: 606.024+/-3290.090 χ^2/NDF : 4.9/7

In: -4830.989+/-5486.066 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 606.024+/-3290.090 χ^2/NDF : 4.9/7

asym_at2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 6941.925+/-3.879 χ^2/NDF : 72958.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5423.446+/-2.907 χ^2/NDF : 116313.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

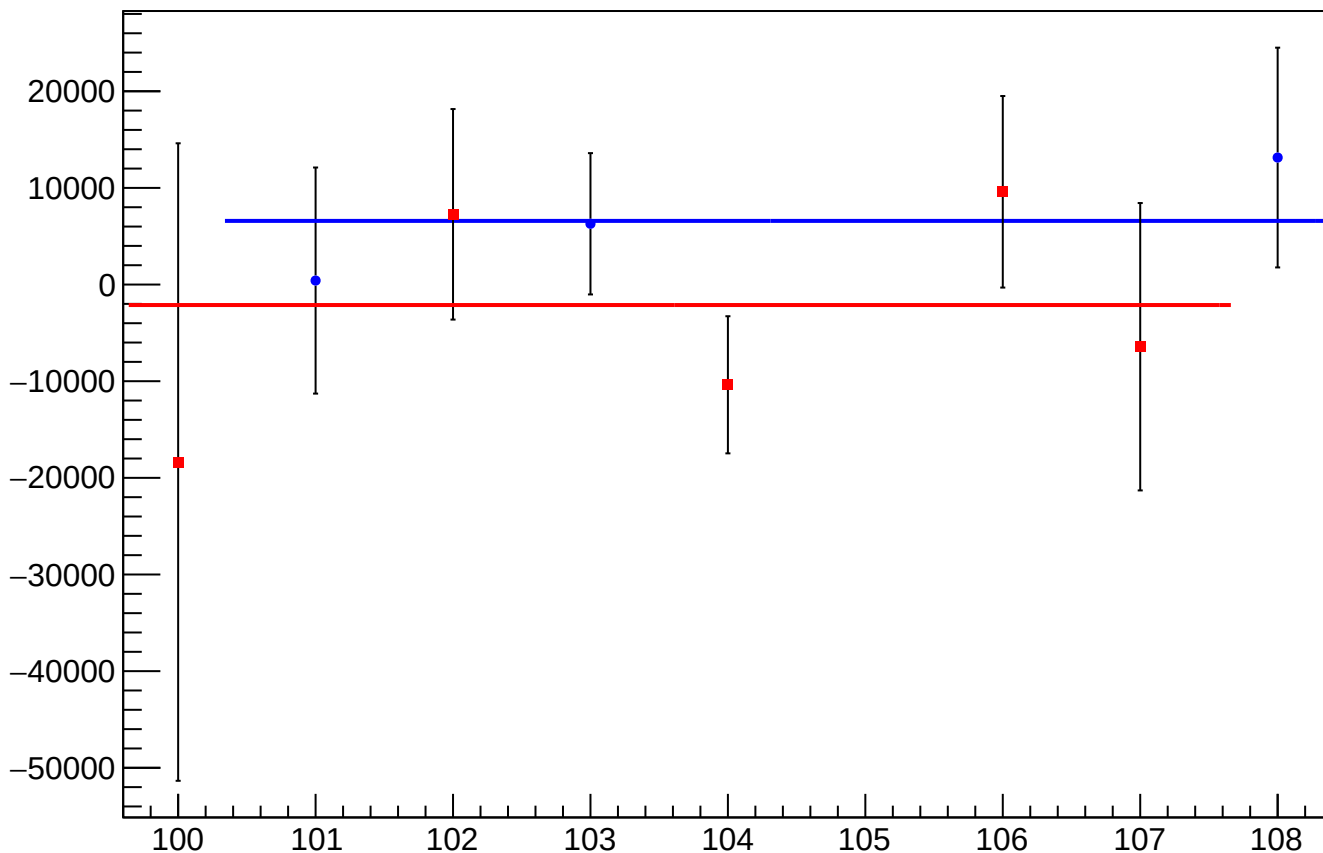
Right: 5969.584+/-2.326 χ^2/NDF : 287387.2/7

In: 6941.925+/-3.879 χ^2/NDF : 72958.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5969.584+/-2.326 χ^2/NDF : 287387.2/7

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 6586.013+/-5442.835 χ^2/NDF : 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2118.825+/-4771.262 χ^2/NDF : 3.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

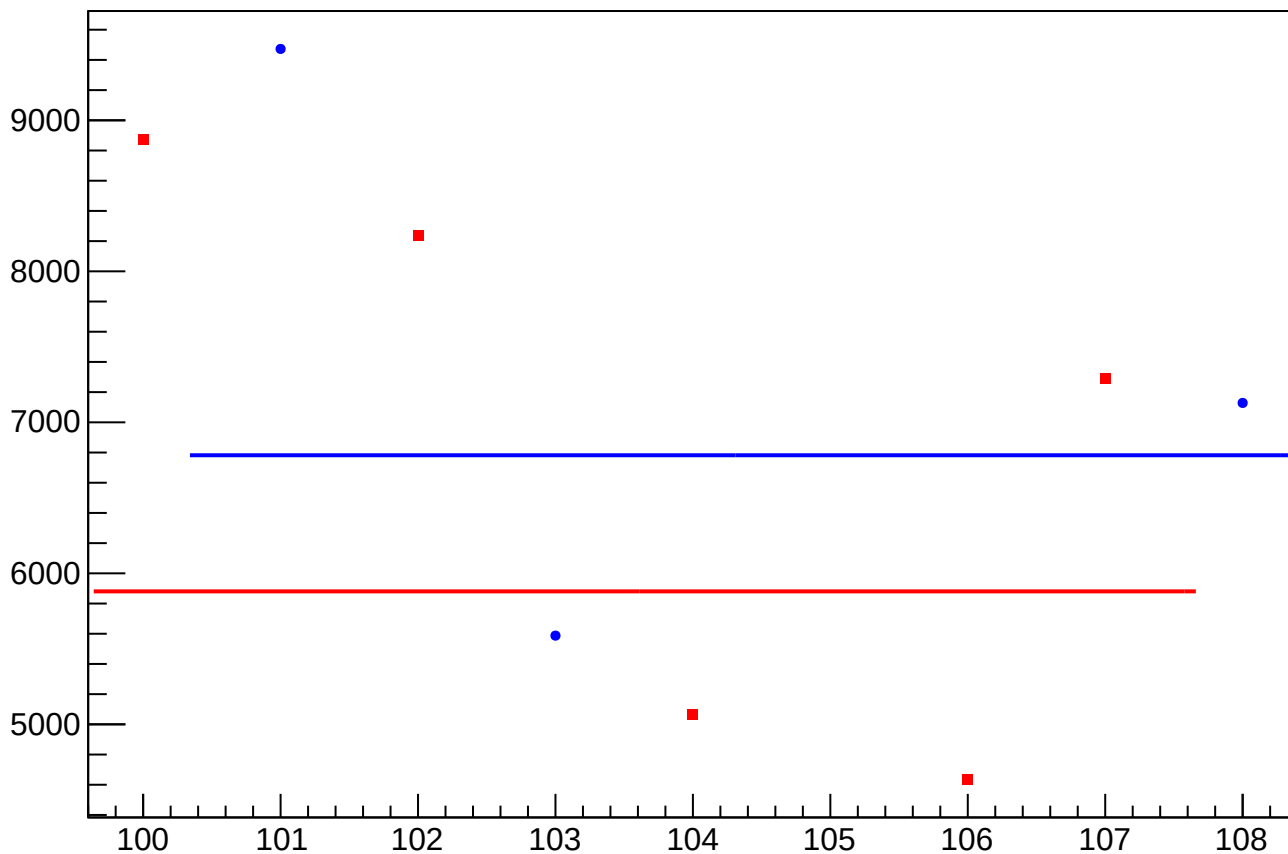
Right: 1663.718+/-3587.870 χ^2/NDF : 5.9/7

In: 6586.013+/-5442.835 χ^2/NDF : 0.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1663.718+/-3587.870 χ^2/NDF : 5.9/7

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 6781.917+/-3.849 χ^2/NDF : 161098.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5880.597+/-3.373 χ^2/NDF : 186307.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

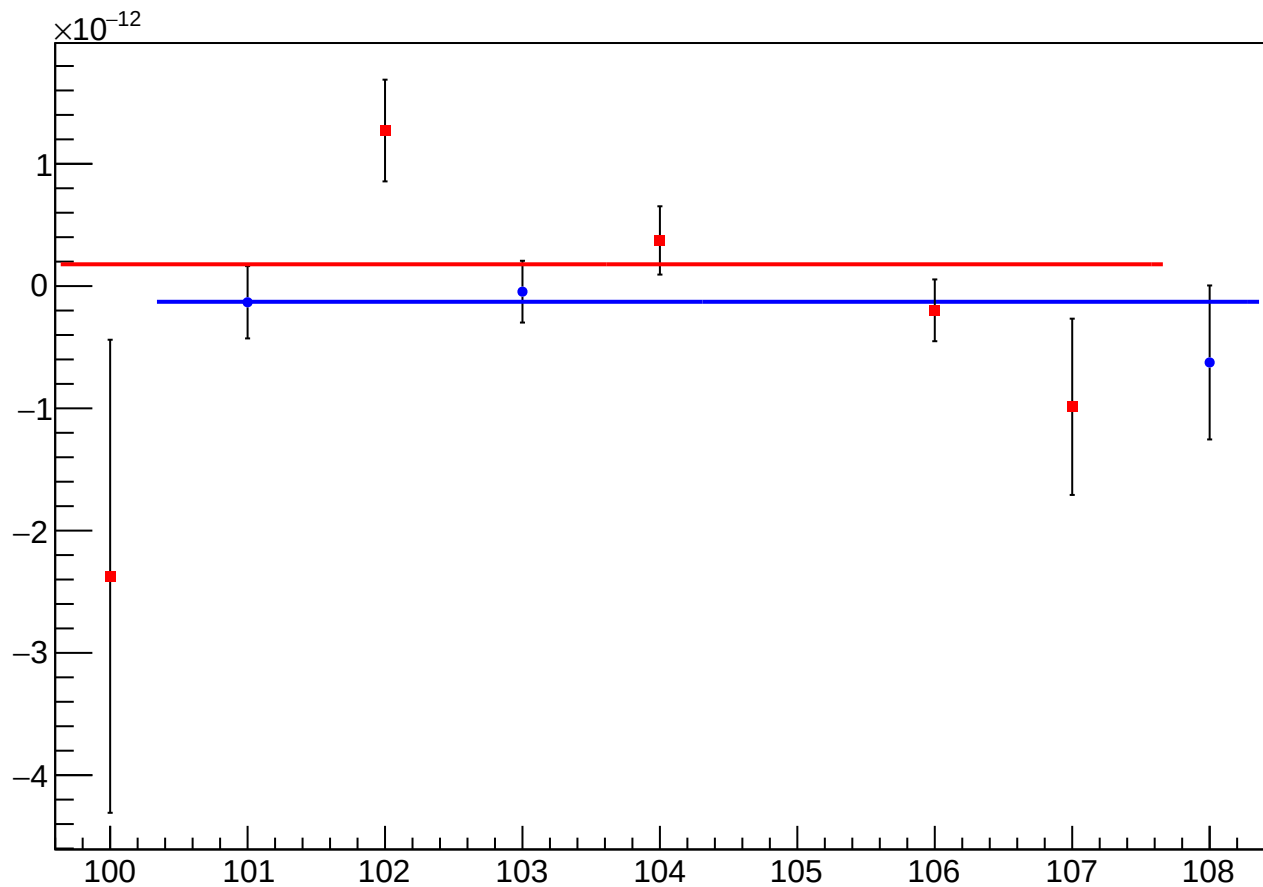
Right: 6272.168+/-2.537 χ^2/NDF : 378426.9/7

In: 6781.917+/-3.849 χ^2/NDF : 161098.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6272.168+/-2.537 χ^2/NDF : 378426.9/7

asym_at2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.7/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 14.0/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

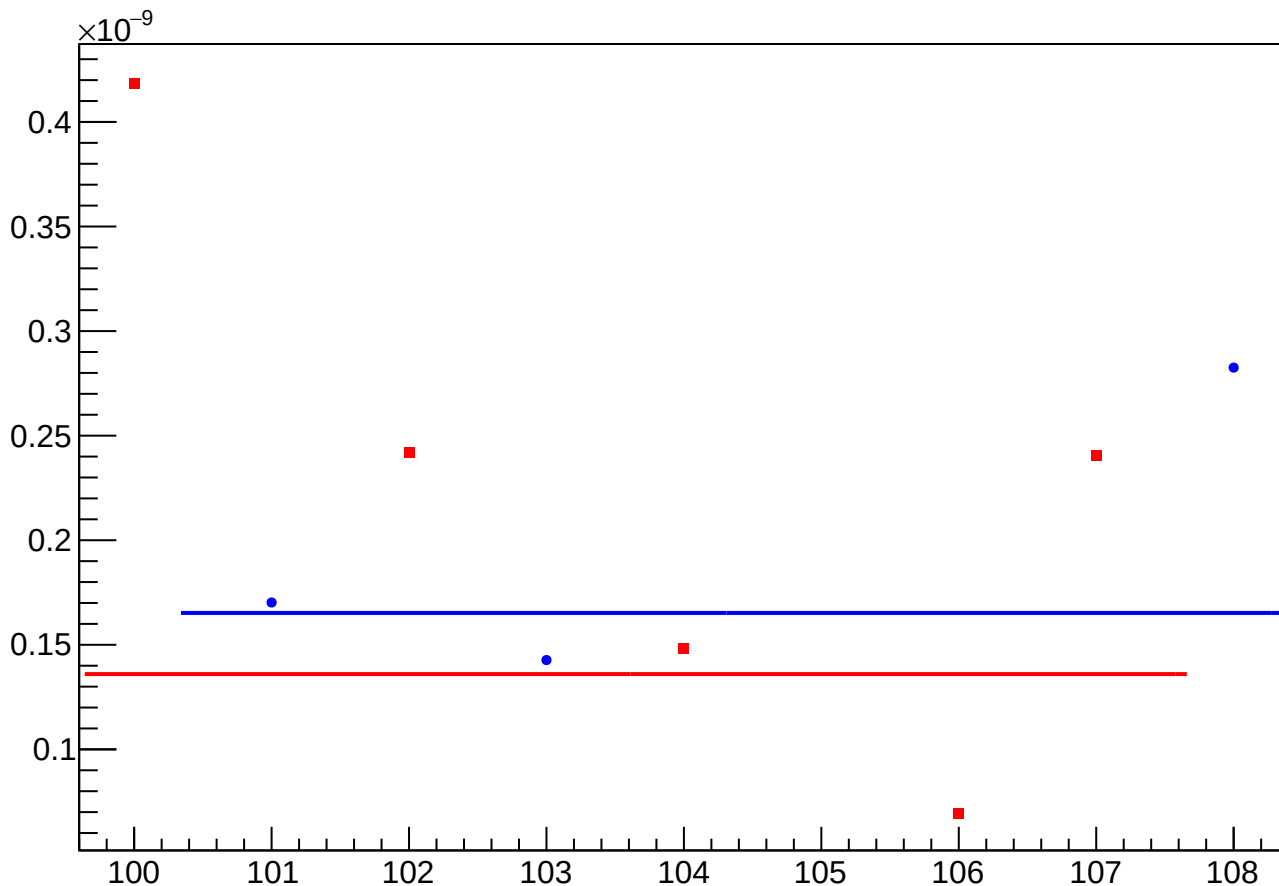
Right: 0.000+/-0.000 χ^2 /NDF: 16.2/7

In: -0.000+/-0.000 χ^2 /NDF:0.7/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 16.2/7

asym_at2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 85866.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 357135.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

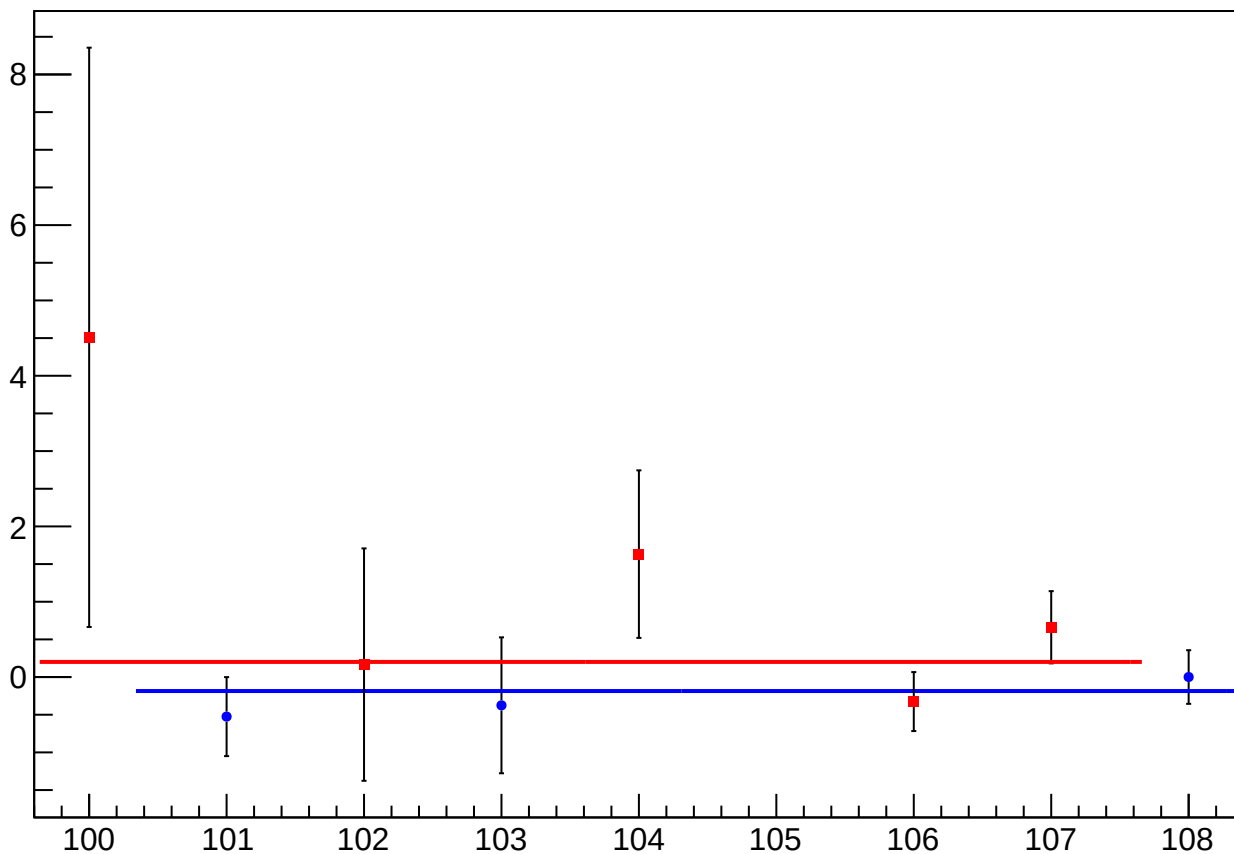
Right: 0.000+/-0.000 χ^2/NDF : 470943.8/7

In: 0.000+/-0.000 χ^2/NDF : 85866.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 470943.8/7

asym_at2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.185+/-0.280 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.201+/-0.287 χ^2/NDF : 5.6/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

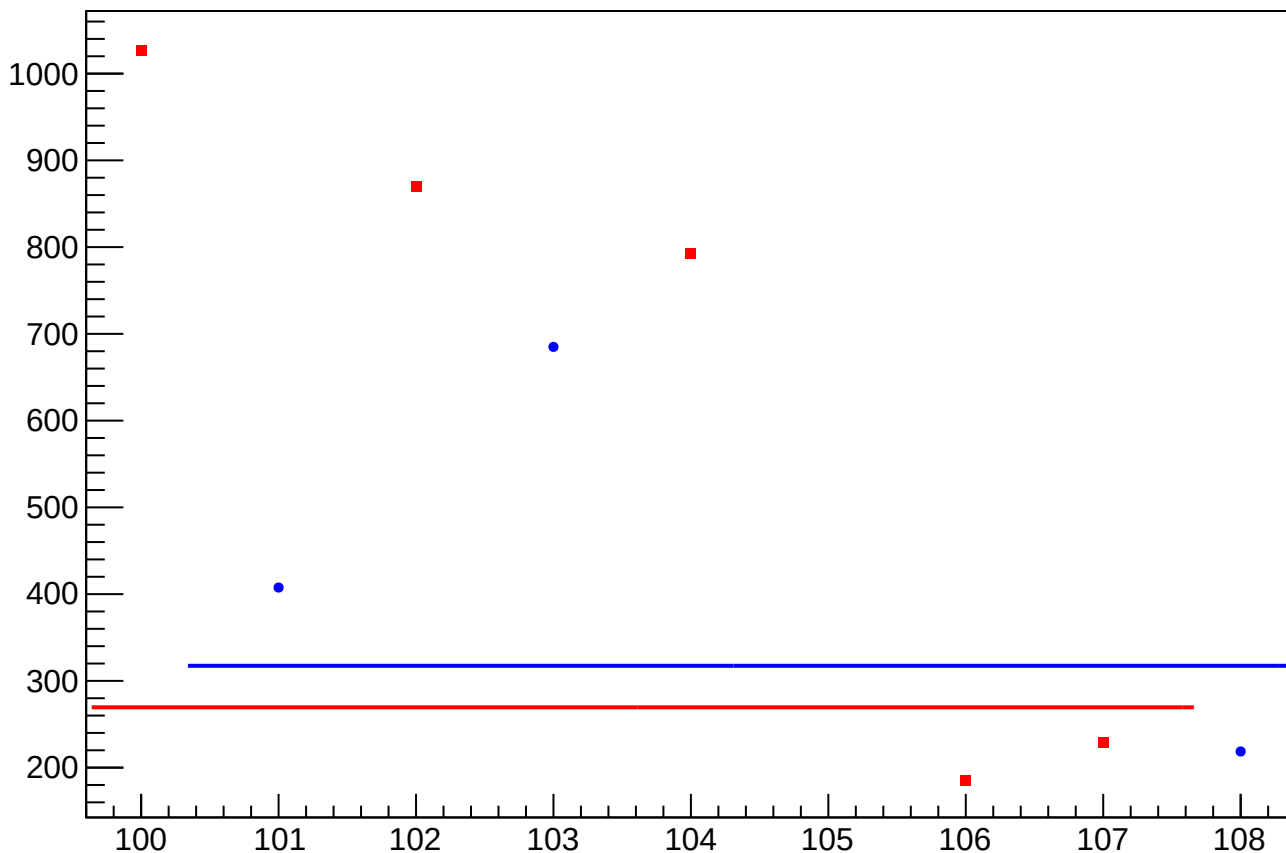
Right: 0.003+/-0.200 χ^2/NDF : 7.3/7

In: -0.185+/-0.280 χ^2/NDF :0.7/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.200 χ^2/NDF : 7.3/7

asym_at2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 317.378+/-0.198 χ^2/NDF : 545194.0/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 269.543+/-0.203 χ^2/NDF : 930328.3/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

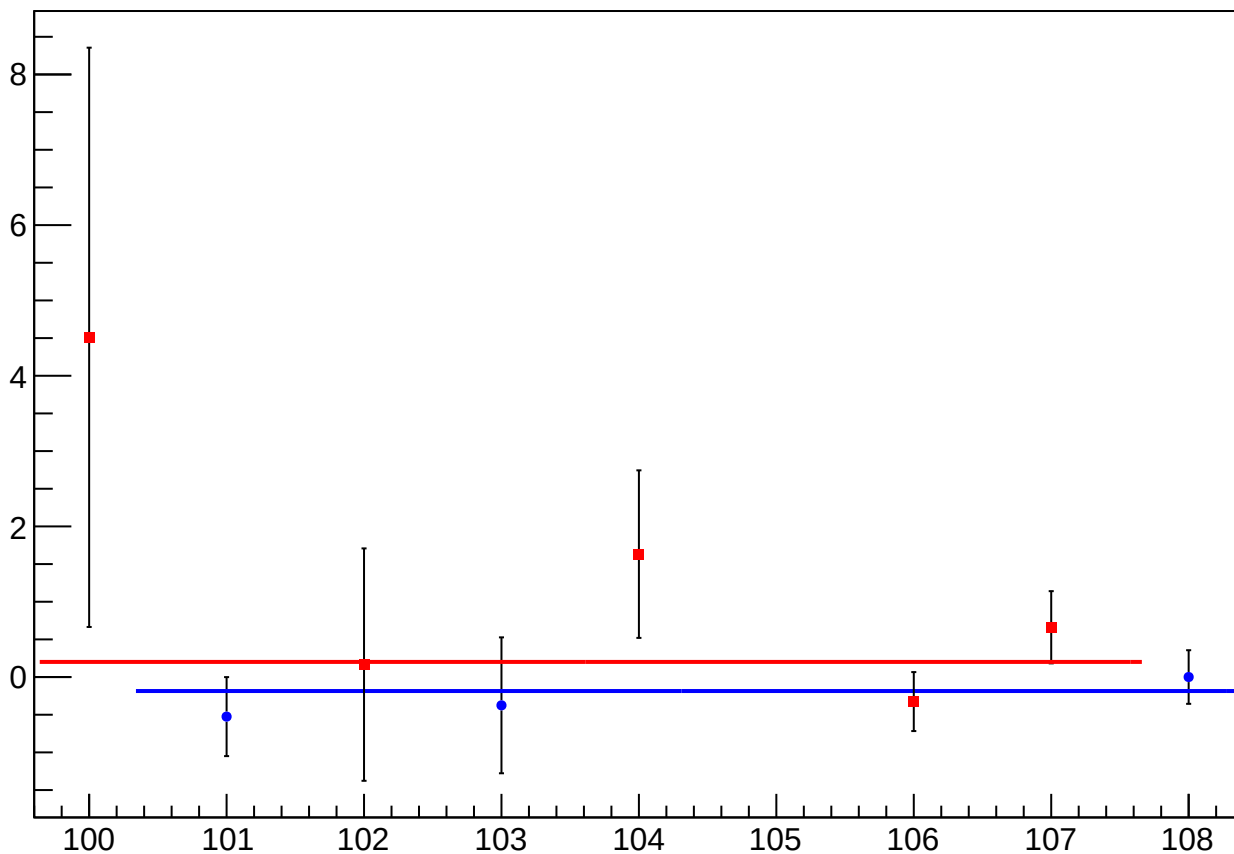
Right: 294.023+/-0.142 χ^2/NDF : 1504033.0/7

In: 317.378+/-0.198 χ^2/NDF :545194.0/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 294.023+/-0.142 χ^2/NDF : 1504033.0/7

asym_at2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.185 ± 0.280 χ^2/NDF : 0.7/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.201 ± 0.287 χ^2/NDF : 5.6/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

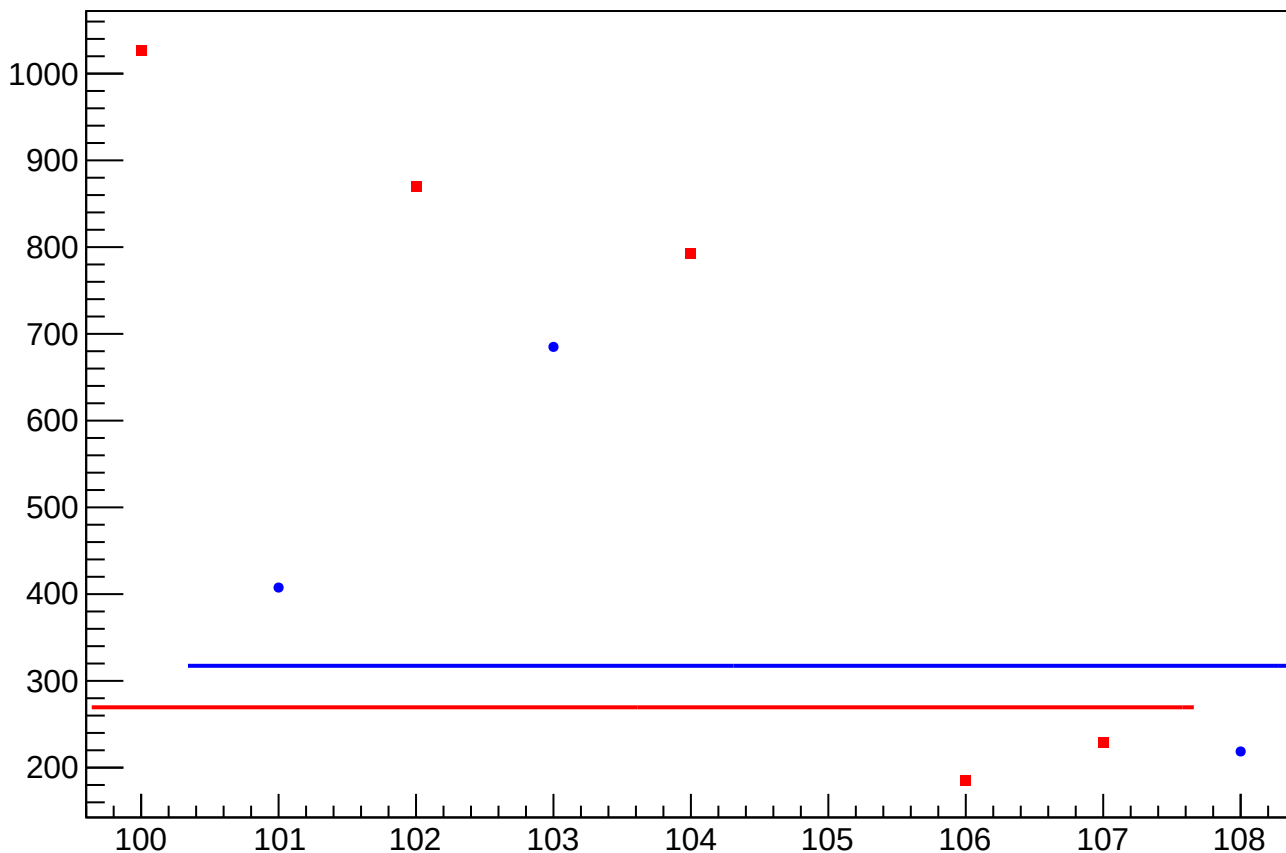
Right: 0.003 ± 0.200 χ^2/NDF : 7.3/7

In: -0.185 ± 0.280 χ^2/NDF : 0.7/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.003 ± 0.200 χ^2/NDF : 7.3/7

asym_at2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 317.378+/-0.198 χ^2/NDF : 545194.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 269.543+/-0.203 χ^2/NDF : 930328.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

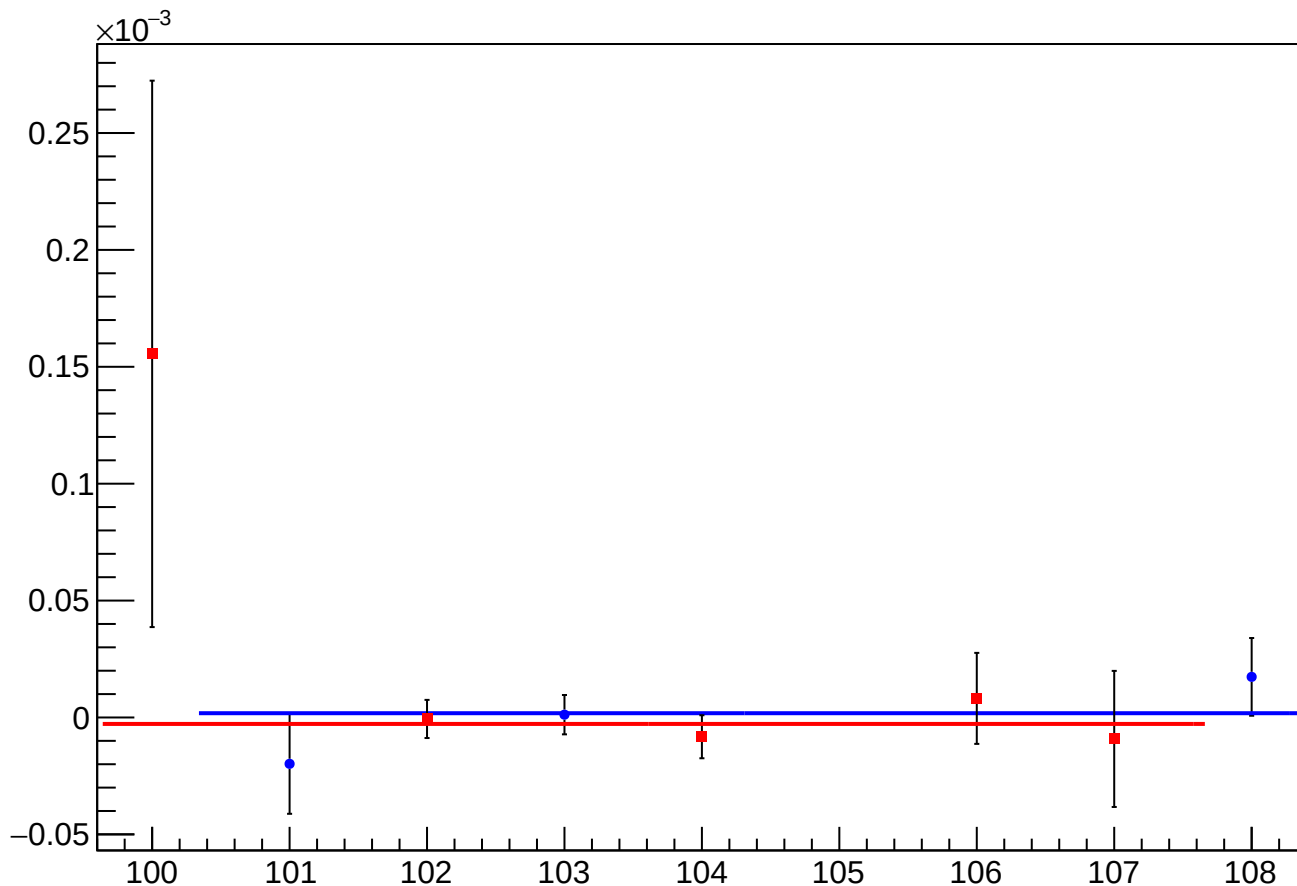
Right: 294.023+/-0.142 χ^2/NDF : 1504033.0/7

In: 317.378+/-0.198 χ^2/NDF : 545194.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 294.023+/-0.142 χ^2/NDF : 1504033.0/7

asym_at2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.6/4

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

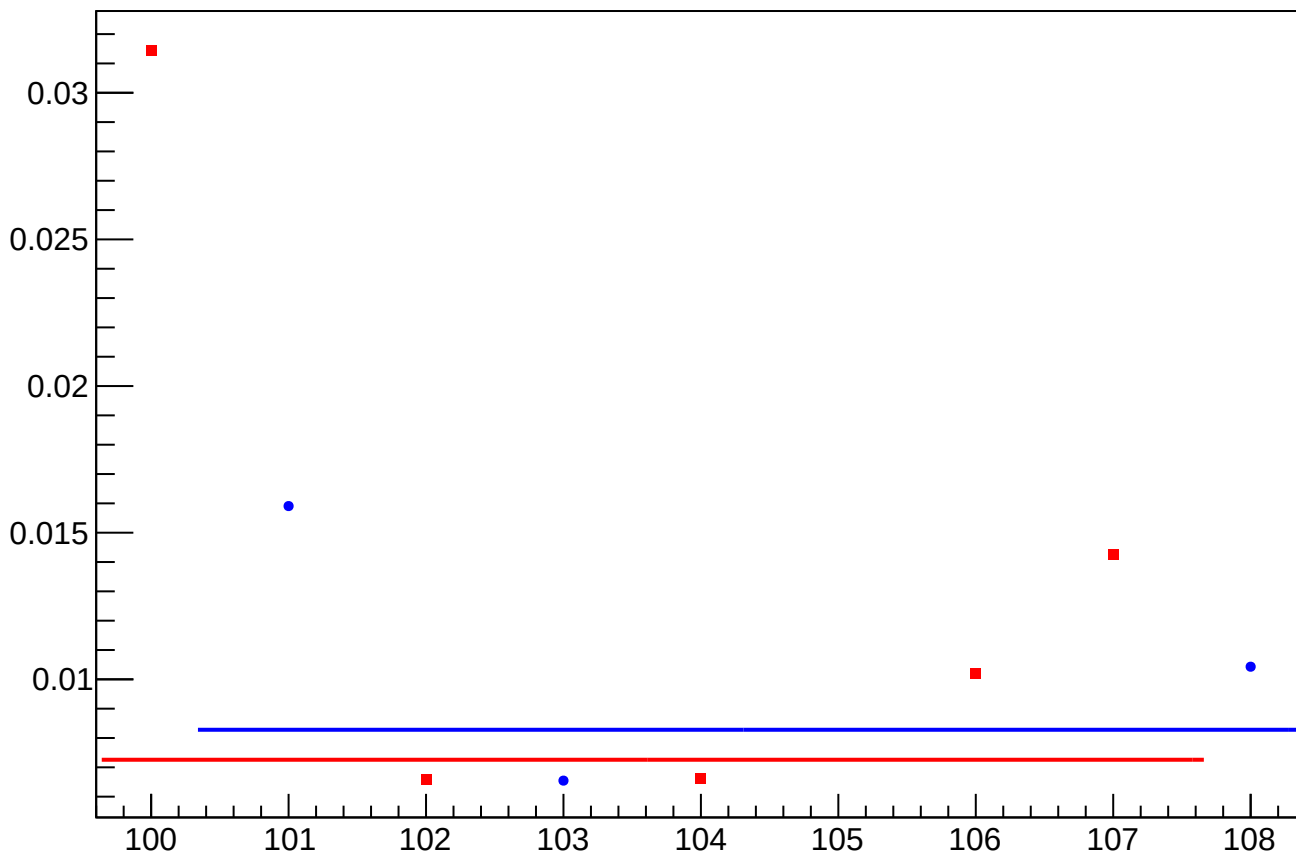
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.8/7

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.8/7

asym_at2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 373119.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 270967.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

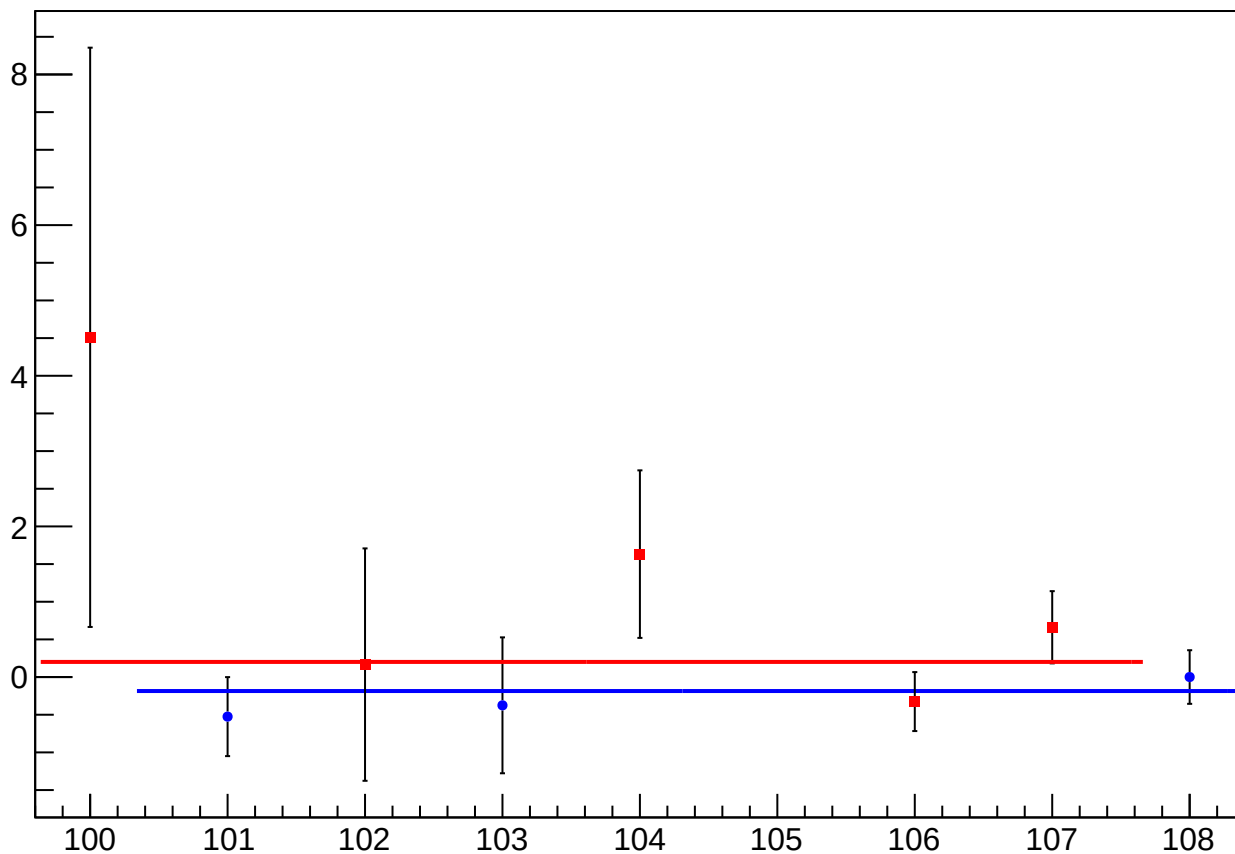
Right: 0.008+/-0.000 χ^2/NDF : 669351.6/7

In: 0.008+/-0.000 χ^2/NDF : 373119.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 669351.6/7

asym_at2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.185 ± 0.280 χ^2/NDF : 0.7/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.201 ± 0.287 χ^2/NDF : 5.6/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

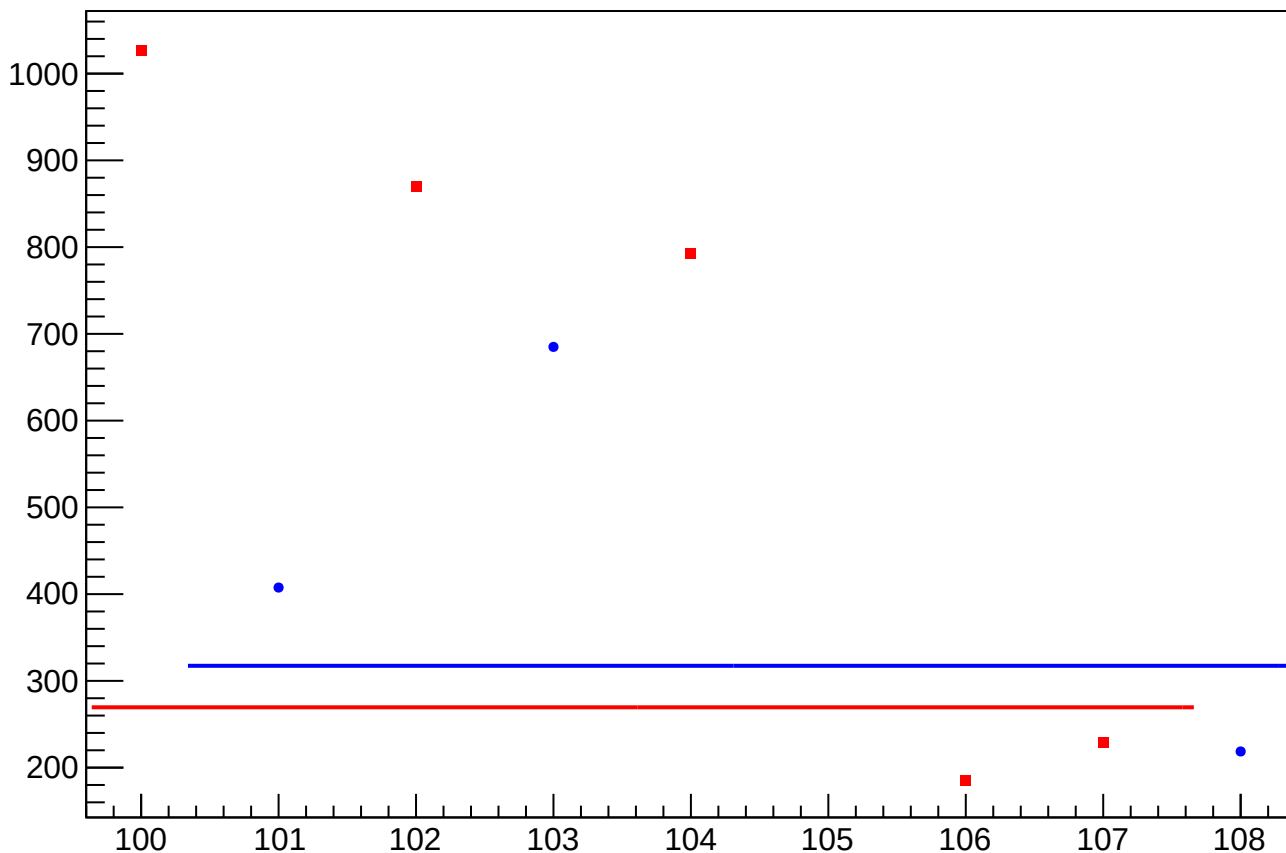
Right: 0.003 ± 0.200 χ^2/NDF : 7.3/7

In: -0.185 ± 0.280 χ^2/NDF : 0.7/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.003 ± 0.200 χ^2/NDF : 7.3/7

asym_at2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 317.382+/-0.198 χ^2/NDF : 545171.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 269.543+/-0.203 χ^2/NDF : 930328.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

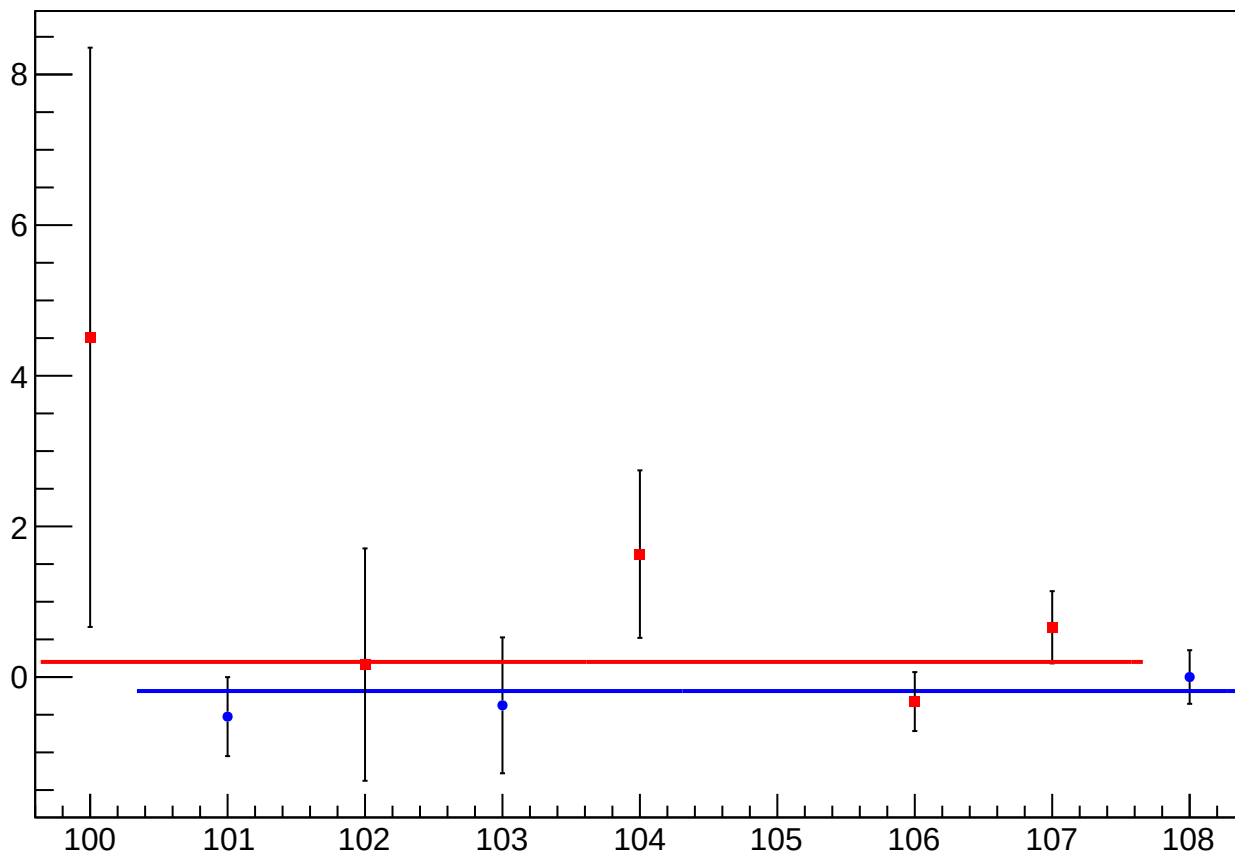
Right: 294.025+/-0.142 χ^2/NDF : 1504014.8/7

In: 317.382+/-0.198 χ^2/NDF : 545171.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 294.025+/-0.142 χ^2/NDF : 1504014.8/7

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.185+/-0.280 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.201+/-0.287 χ^2/NDF : 5.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

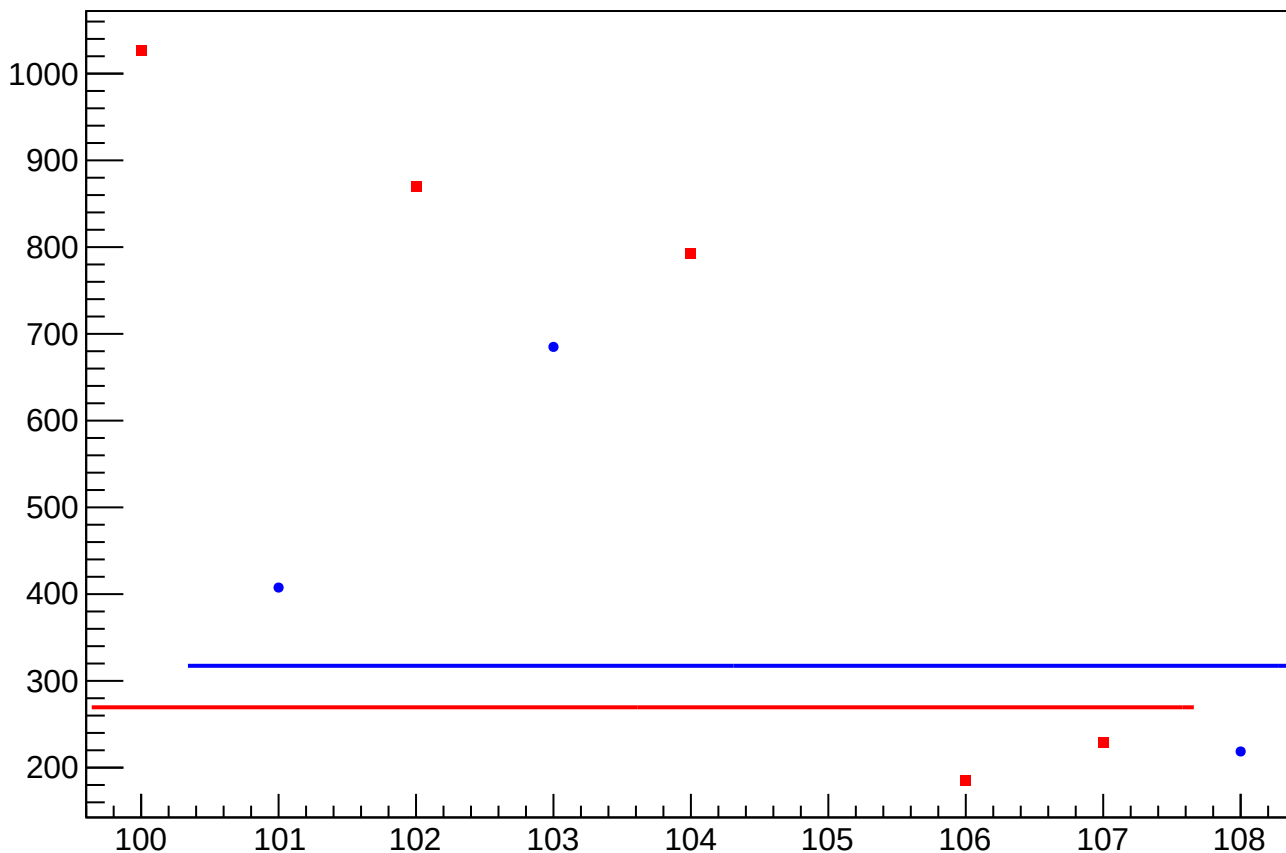
Right: 0.003+/-0.200 χ^2/NDF : 7.3/7

In: -0.185+/-0.280 χ^2/NDF : 0.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.200 χ^2/NDF : 7.3/7

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 317.382+/-0.198 χ^2/NDF : 545171.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 269.543+/-0.203 χ^2/NDF : 930328.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

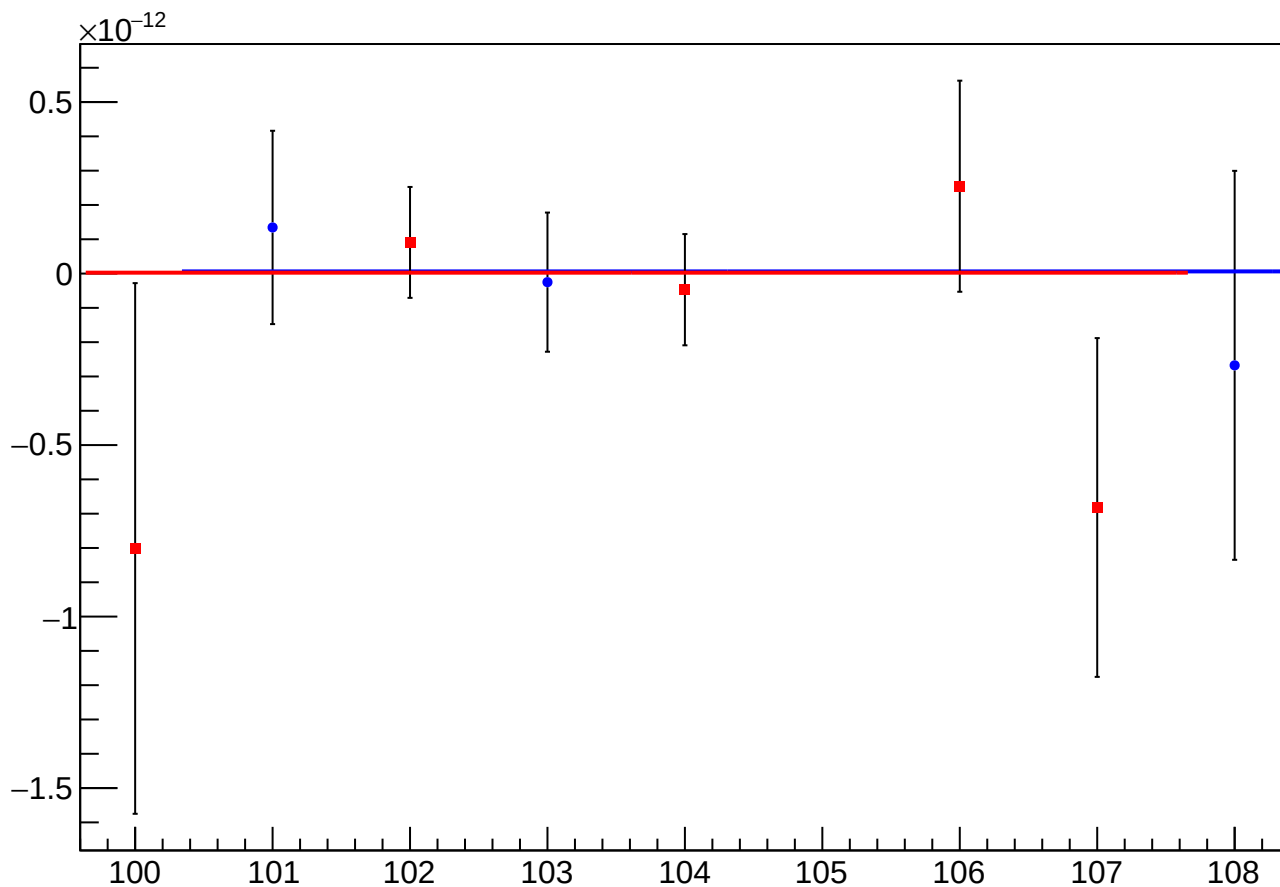
Right: 294.025+/-0.142 χ^2/NDF : 1504014.8/7

In: 317.382+/-0.198 χ^2/NDF : 545171.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 294.025+/-0.142 χ^2/NDF : 1504014.8/7

asym_at2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

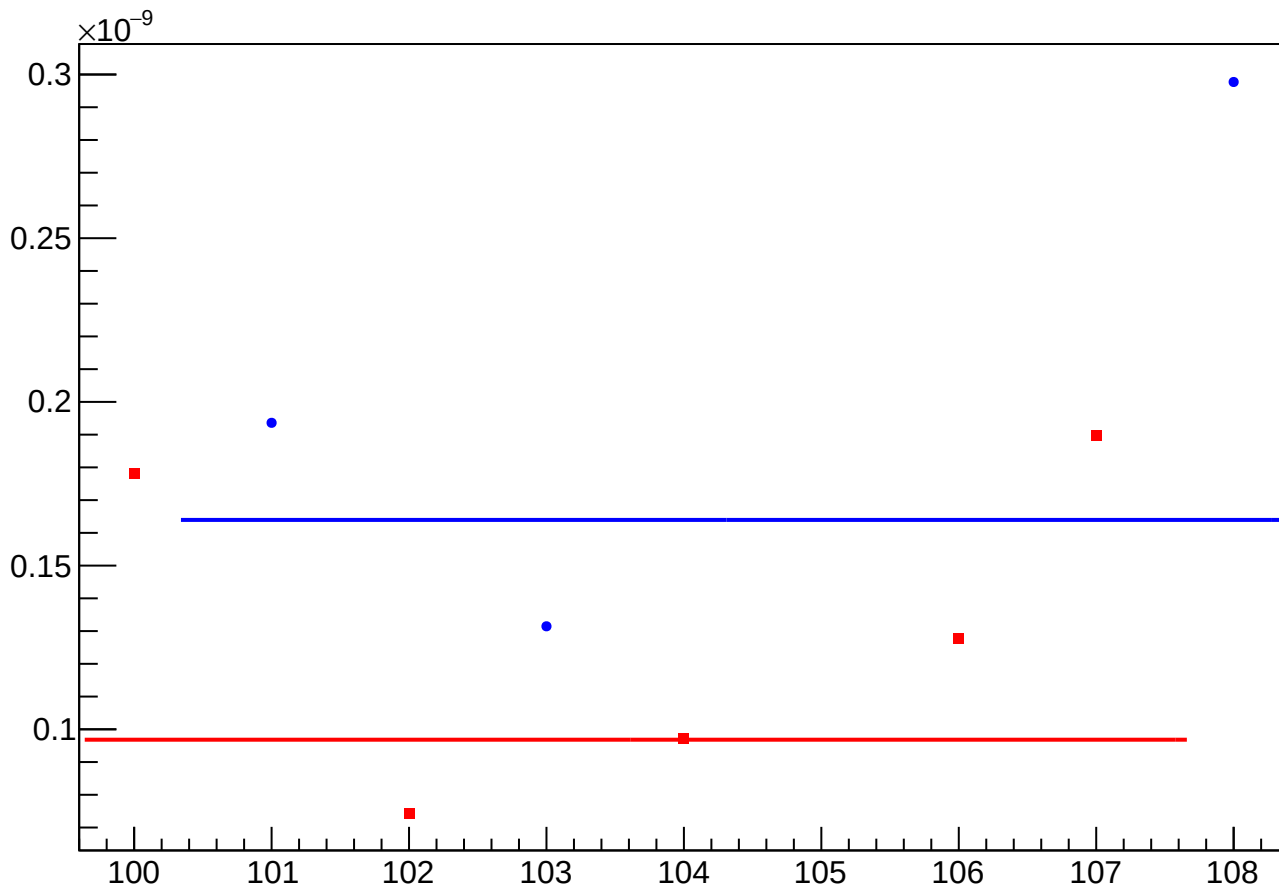
Right: 0.000+/-0.000 χ^2/NDF : 4.5/7

In: 0.000+/-0.000 χ^2/NDF : 0.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.5/7

asym_at2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 184770.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 151745.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

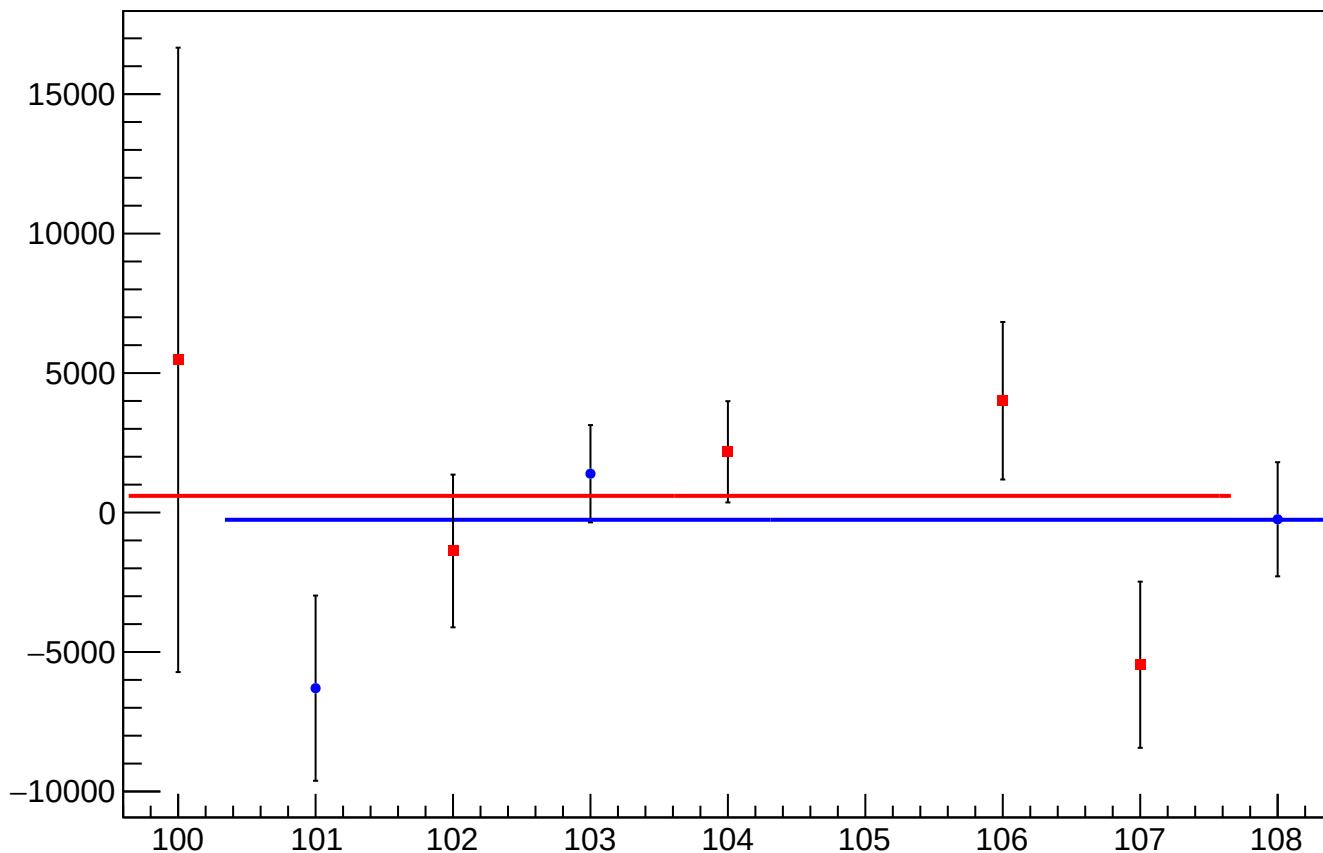
Right: 0.000+/-0.000 χ^2/NDF : 588306.1/7

In: 0.000+/-0.000 χ^2/NDF : 184770.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 588306.1/7

reg_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -259.603+/-1232.080 χ^2/NDF : 4.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 597.460+/-1209.908 χ^2/NDF : 7.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

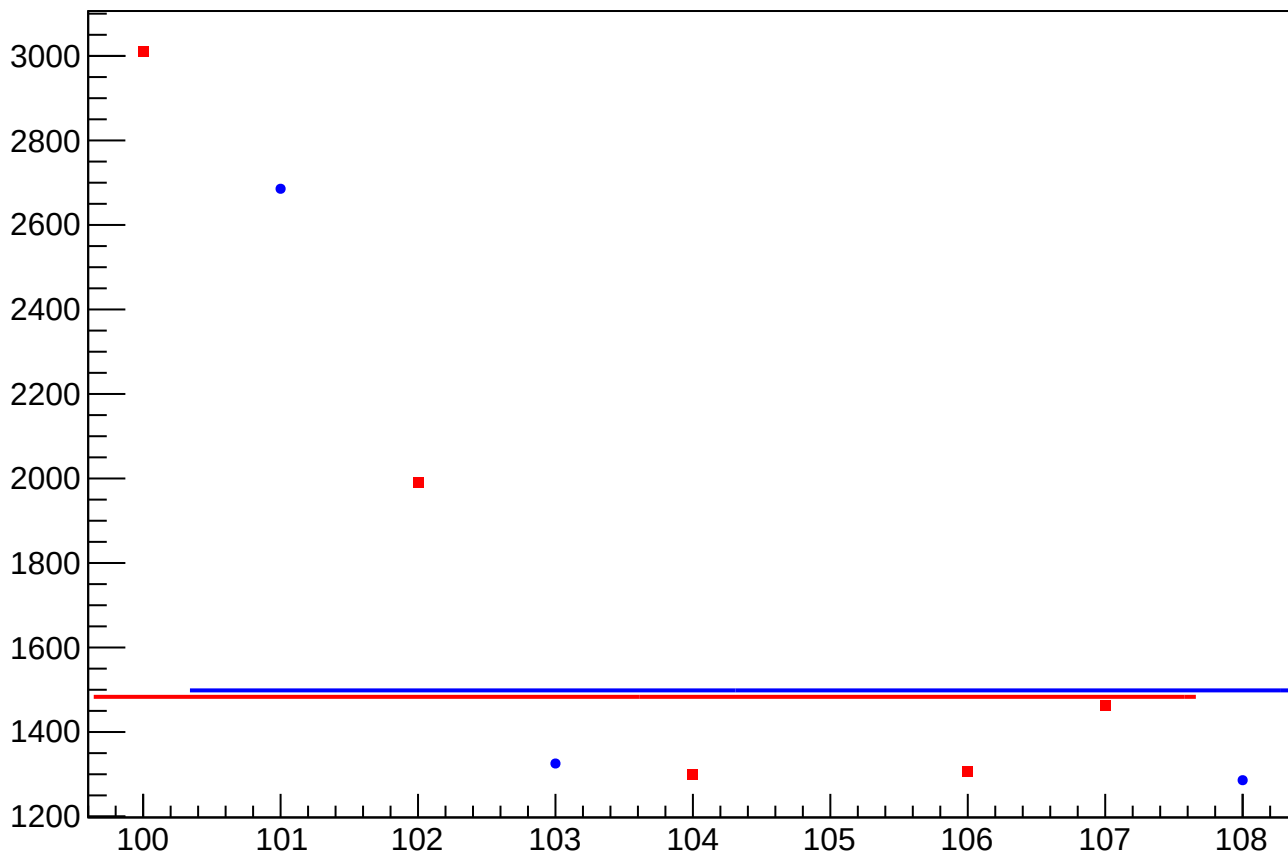
Right: 176.710+/-863.266 χ^2/NDF : 11.5/7

In: -259.603+/-1232.080 χ^2/NDF : 4.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 176.710+/-863.266 χ^2/NDF : 11.5/7

reg_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1498.503+/-0.871 χ^2/NDF : 297028.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1483.244+/-0.856 χ^2/NDF : 133961.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

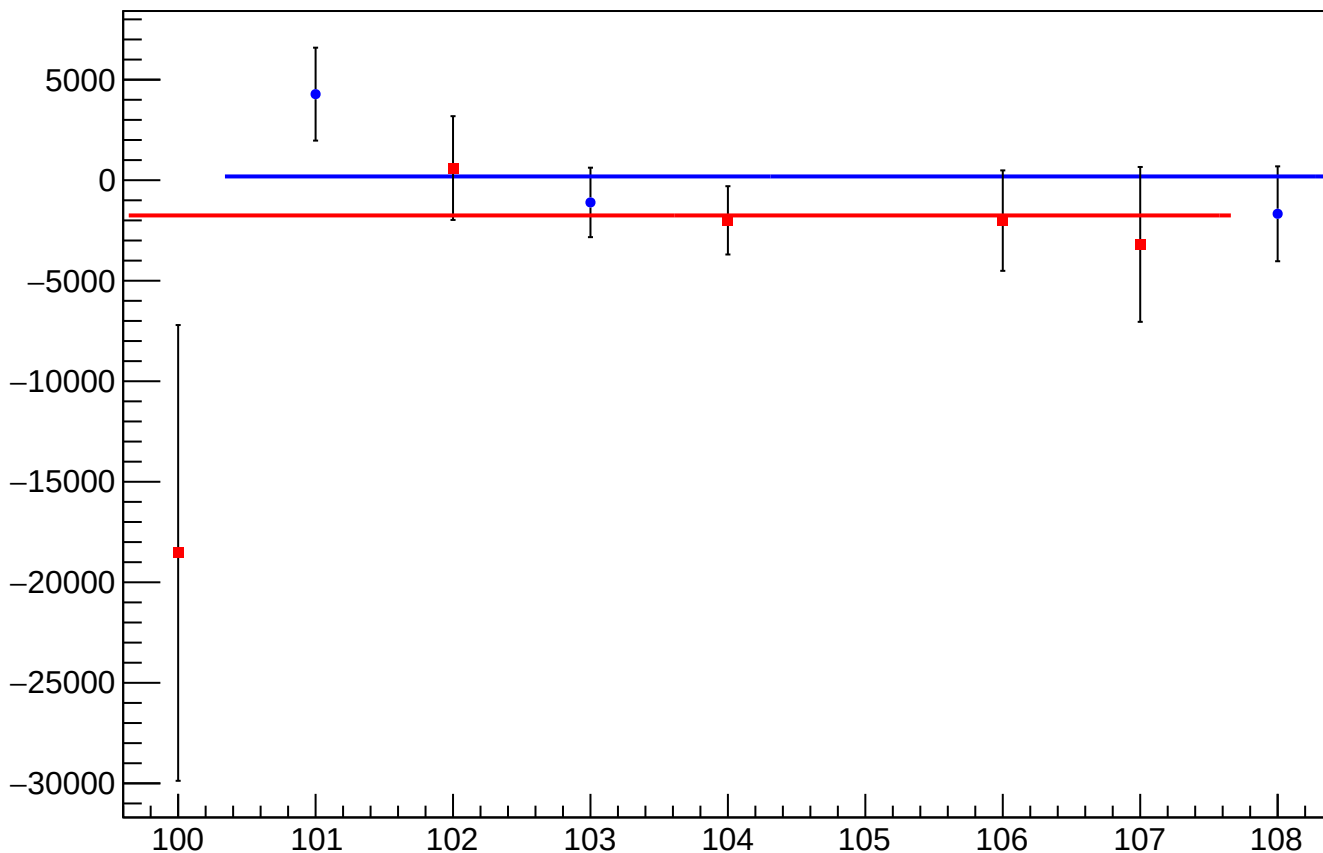
Right: 1490.735+/-0.610 χ^2/NDF : 431146.6/7

In: 1498.503+/-0.871 χ^2/NDF : 297028.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1490.735+/-0.610 χ^2/NDF : 431146.6/7

asym_at2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 186.796+/-1193.676 χ^2/NDF : 4.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1752.565+/-1168.648 χ^2/NDF : 3.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

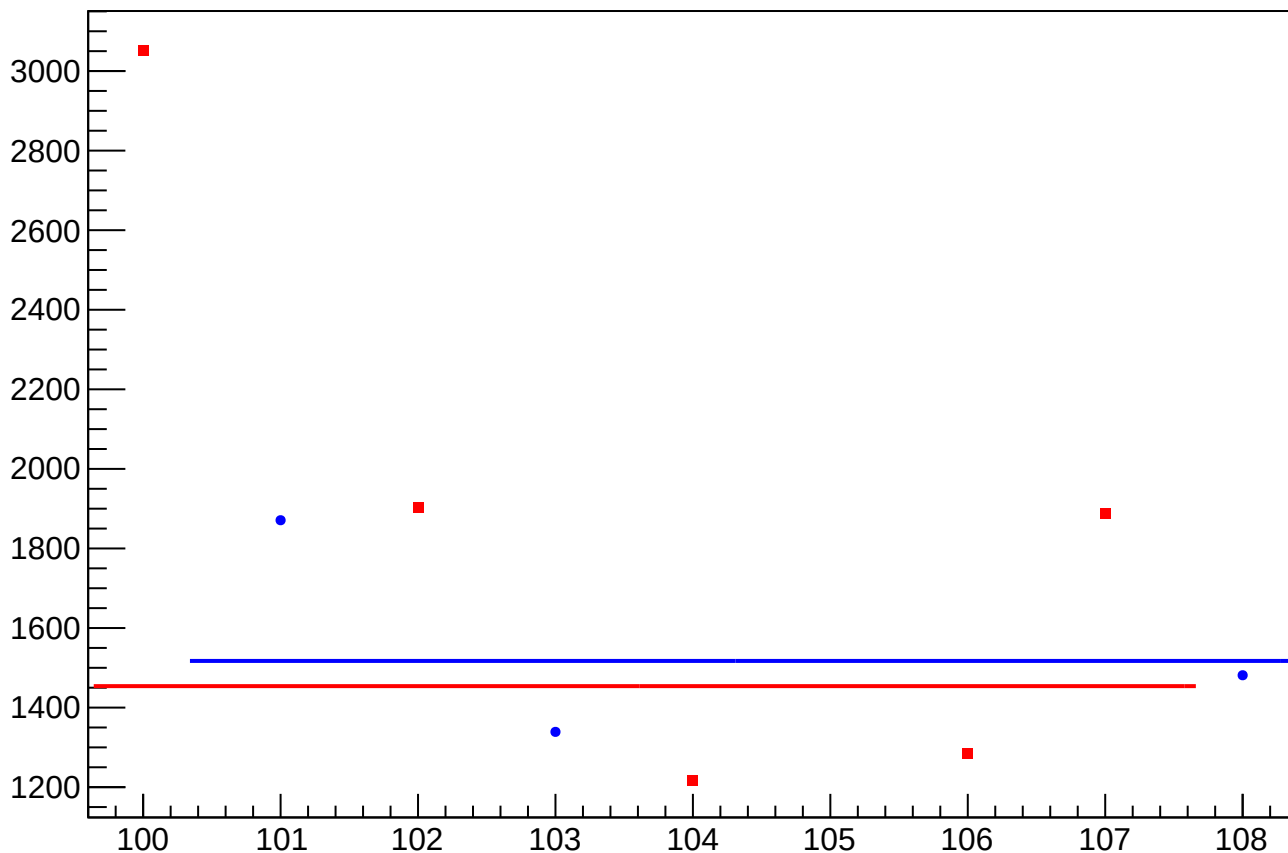
Right: -803.429+/-835.067 χ^2/NDF : 8.9/7

In: 186.796+/-1193.676 χ^2/NDF : 4.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -803.429+/-835.067 χ^2/NDF : 8.9/7

asym_at2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1517.312 $\pm$ 0.844 χ^2 /NDF: 68607.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1453.957 $\pm$ 0.826 χ^2 /NDF: 174156.5/4

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

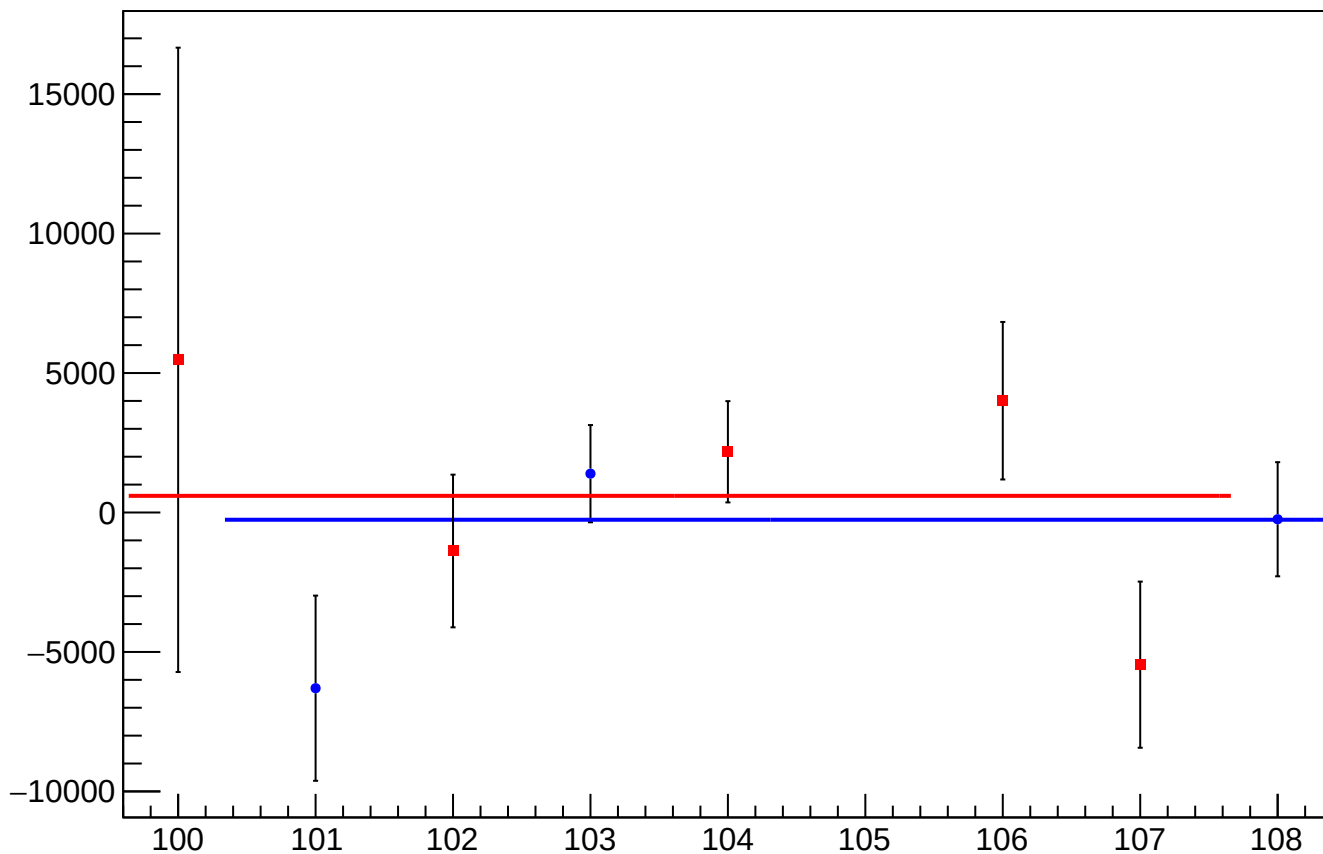
Right: 1484.963 $\pm$ 0.590 χ^2 /NDF: 245640.8/7

In: 1517.312 $\pm$ 0.844 χ^2 /NDF:68607.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1484.963 $\pm$ 0.590 χ^2 /NDF: 245640.8/7

cor_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -259.912+/-1232.080 χ^2/NDF : 4.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 596.878+/-1209.908 χ^2/NDF : 7.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

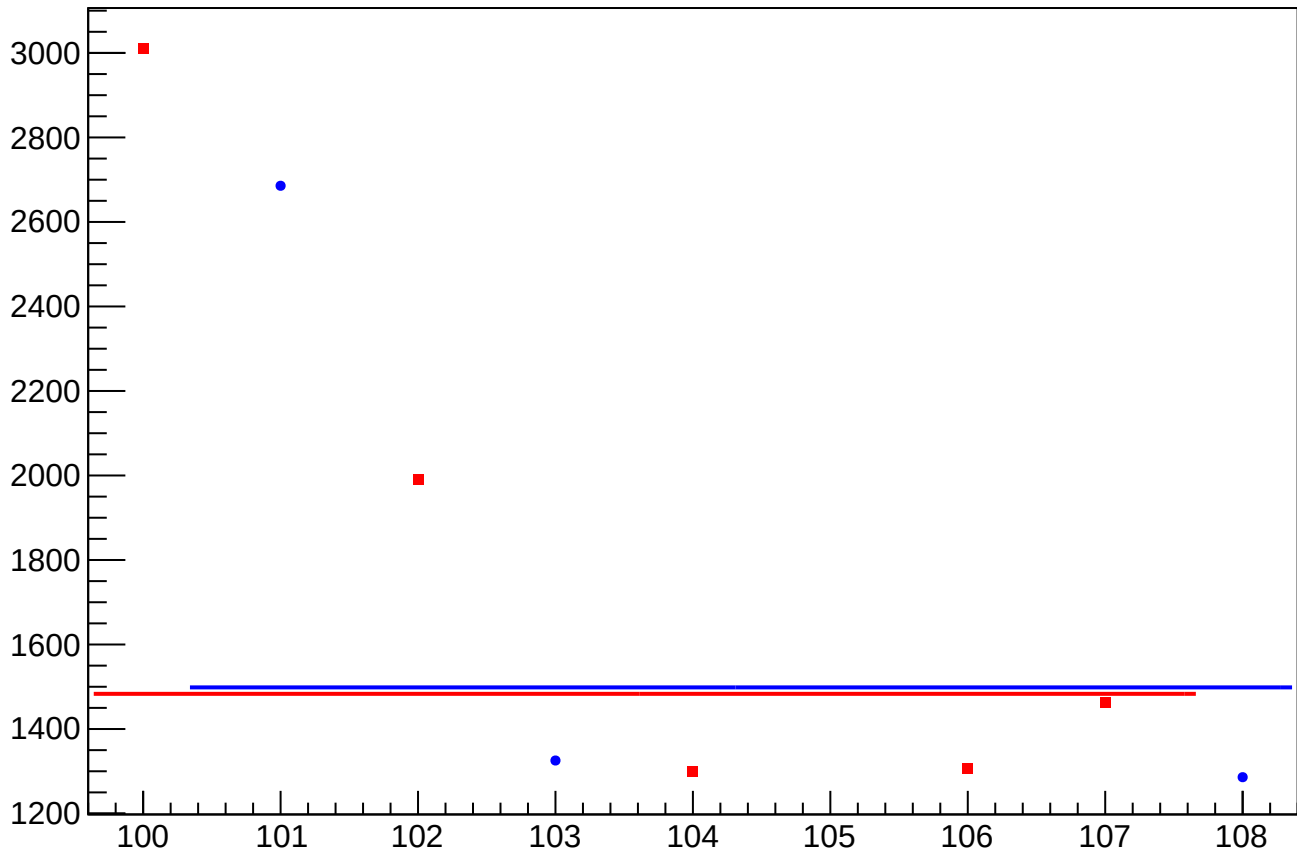
Right: 176.262+/-863.267 χ^2/NDF : 11.5/7

In: -259.912+/-1232.080 χ^2/NDF : 4.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 176.262+/-863.267 χ^2/NDF : 11.5/7

cor_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1498.503+/-0.871 χ^2/NDF : 297028.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1483.243+/-0.856 χ^2/NDF : 133961.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

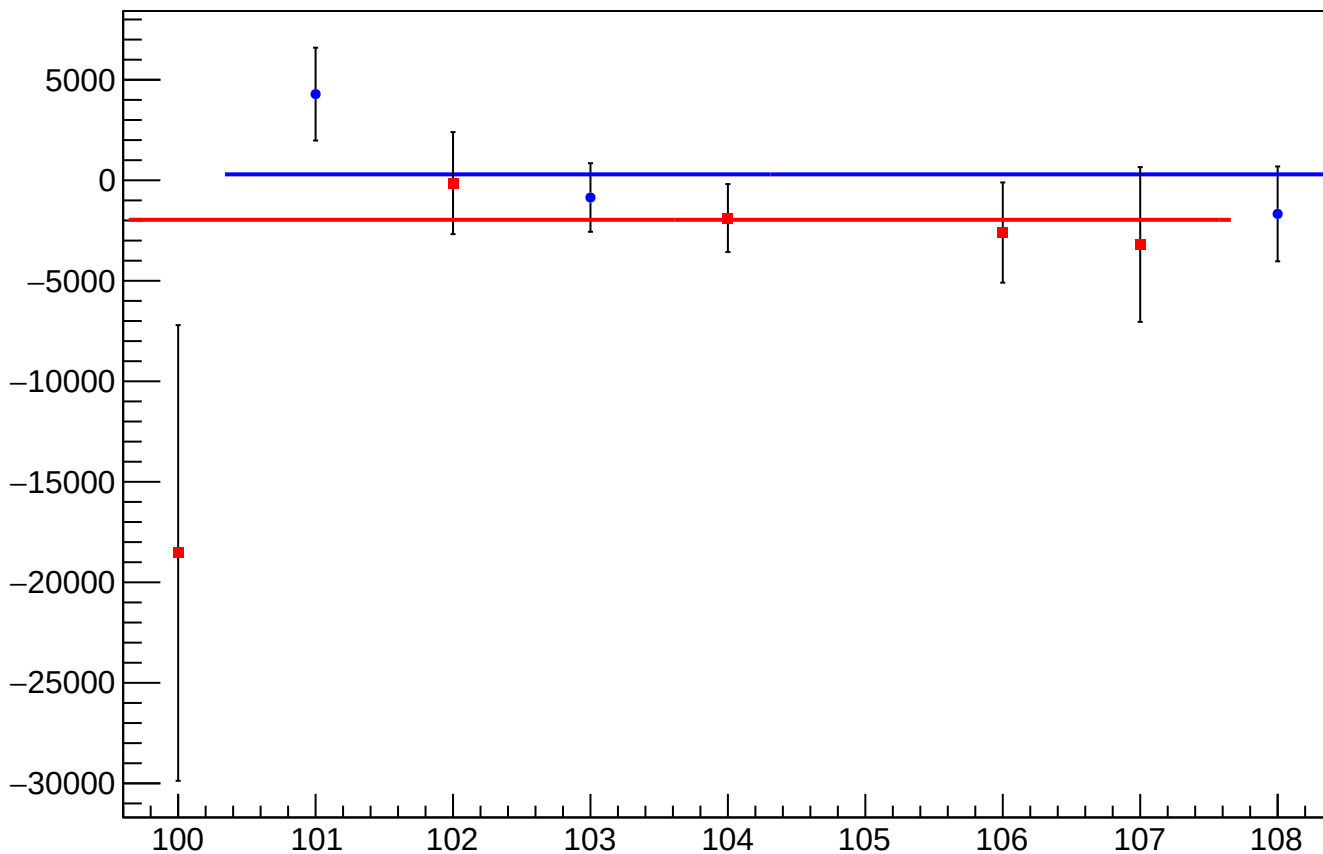
Right: 1490.734+/-0.610 χ^2/NDF : 431146.2/7

In: 1498.503+/-0.871 χ^2/NDF : 297028.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1490.734+/-0.610 χ^2/NDF : 431146.2/7

asym_at2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 294.890+/-1186.496 χ^2/NDF : 4.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1965.474+/-1161.584 χ^2/NDF : 2.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

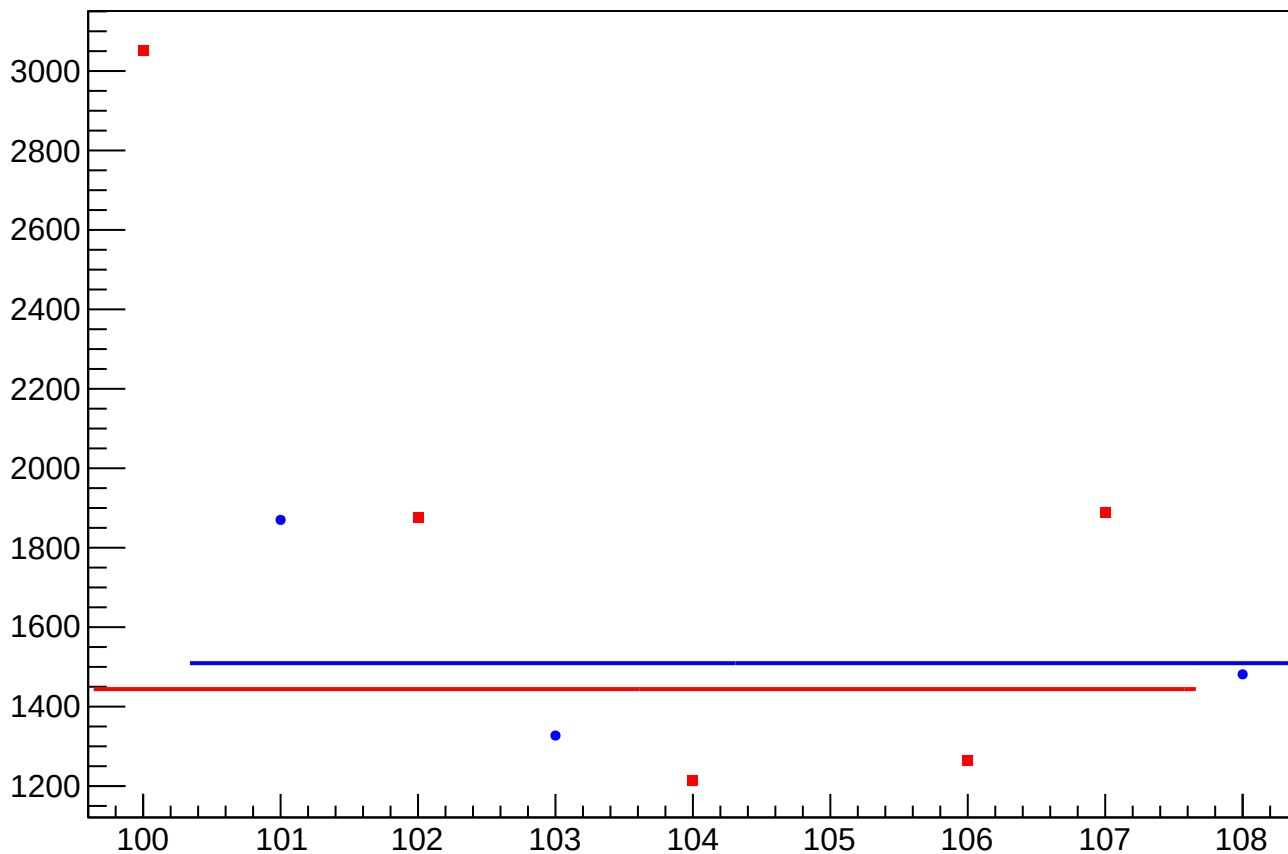
Right: -859.271+/-830.032 χ^2/NDF : 8.8/7

In: 294.890+/-1186.496 χ^2/NDF : 4.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -859.271+/-830.032 χ^2/NDF : 8.8/7

asym_at2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1509.352 $\pm$ 0.839 χ^2 /NDF: 71820.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1444.175 $\pm$ 0.821 χ^2 /NDF: 171821.0/4

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

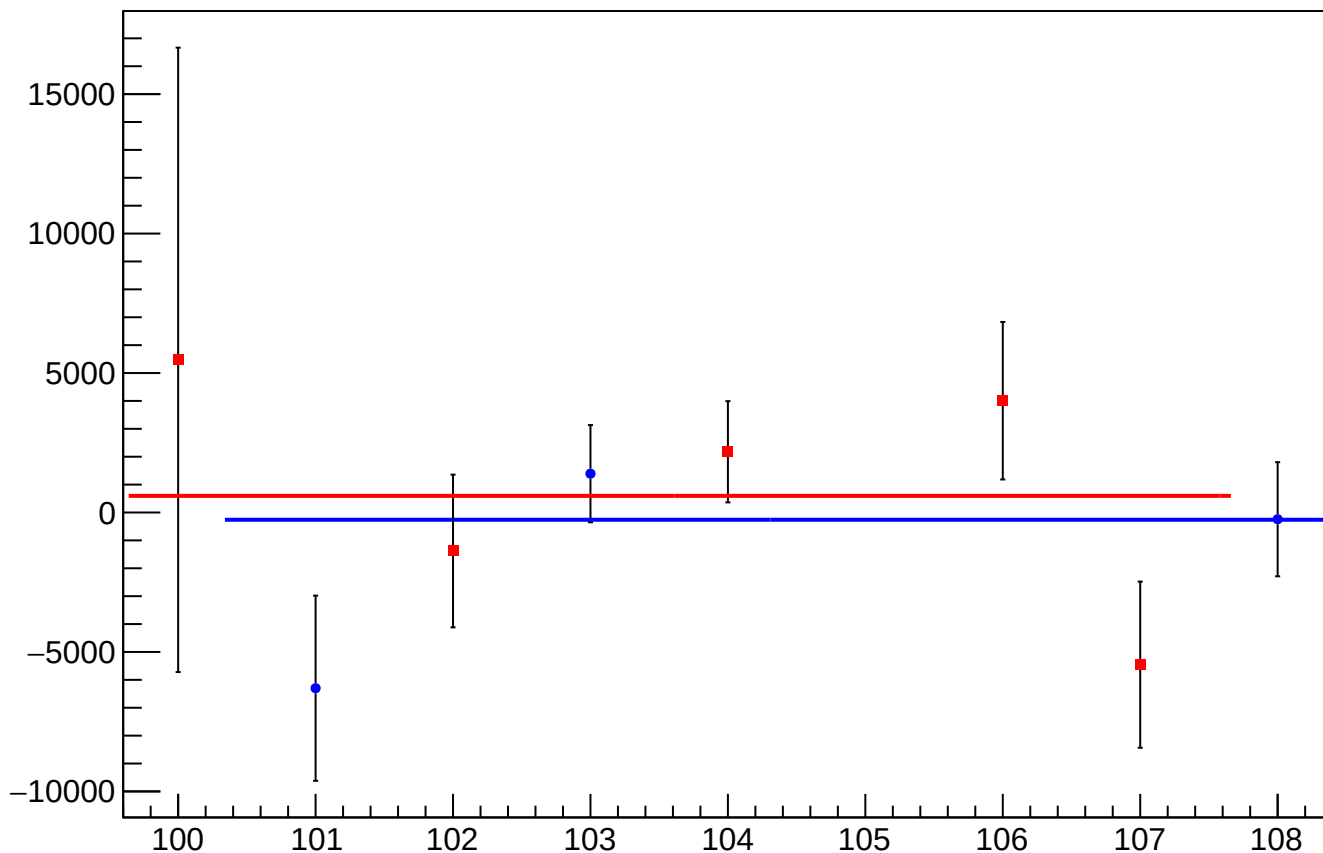
Right: 1476.072 $\pm$ 0.587 χ^2 /NDF: 246723.5/7

In: 1509.352 $\pm$ 0.839 χ^2 /NDF:71820.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1476.072 $\pm$ 0.587 χ^2 /NDF: 246723.5/7

eigen_cor_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -259.912 $\pm$ 1232.080 χ^2 /NDF: 4.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 596.878 $\pm$ 1209.908 χ^2 /NDF: 7.1/4

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

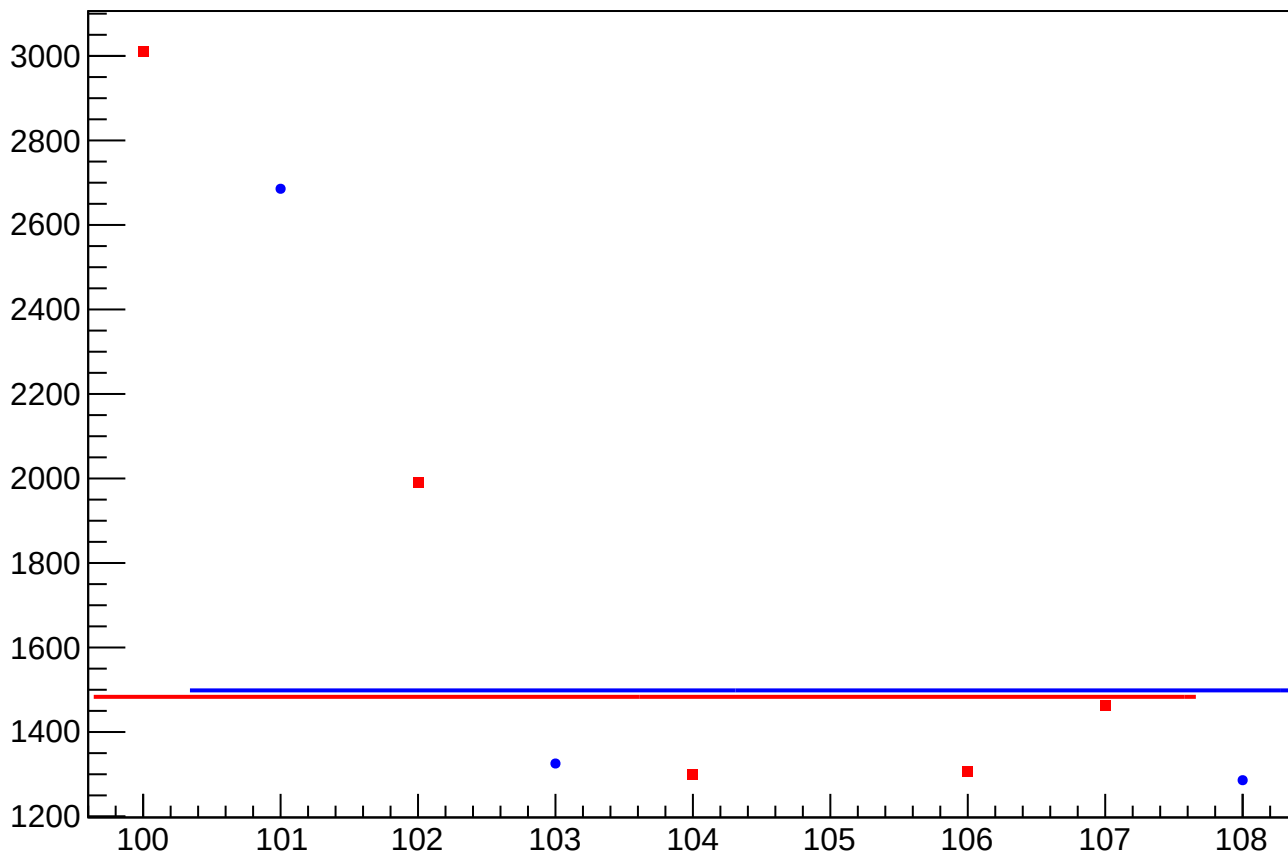
Right: 176.262 $\pm$ 863.267 χ^2 /NDF: 11.5/7

In: -259.912 $\pm$ 1232.080 χ^2 /NDF: 4.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 176.262 $\pm$ 863.267 χ^2 /NDF: 11.5/7

eigen_cor_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1498.503+/-0.871 χ^2/NDF : 297028.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1483.243+/-0.856 χ^2/NDF : 133961.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

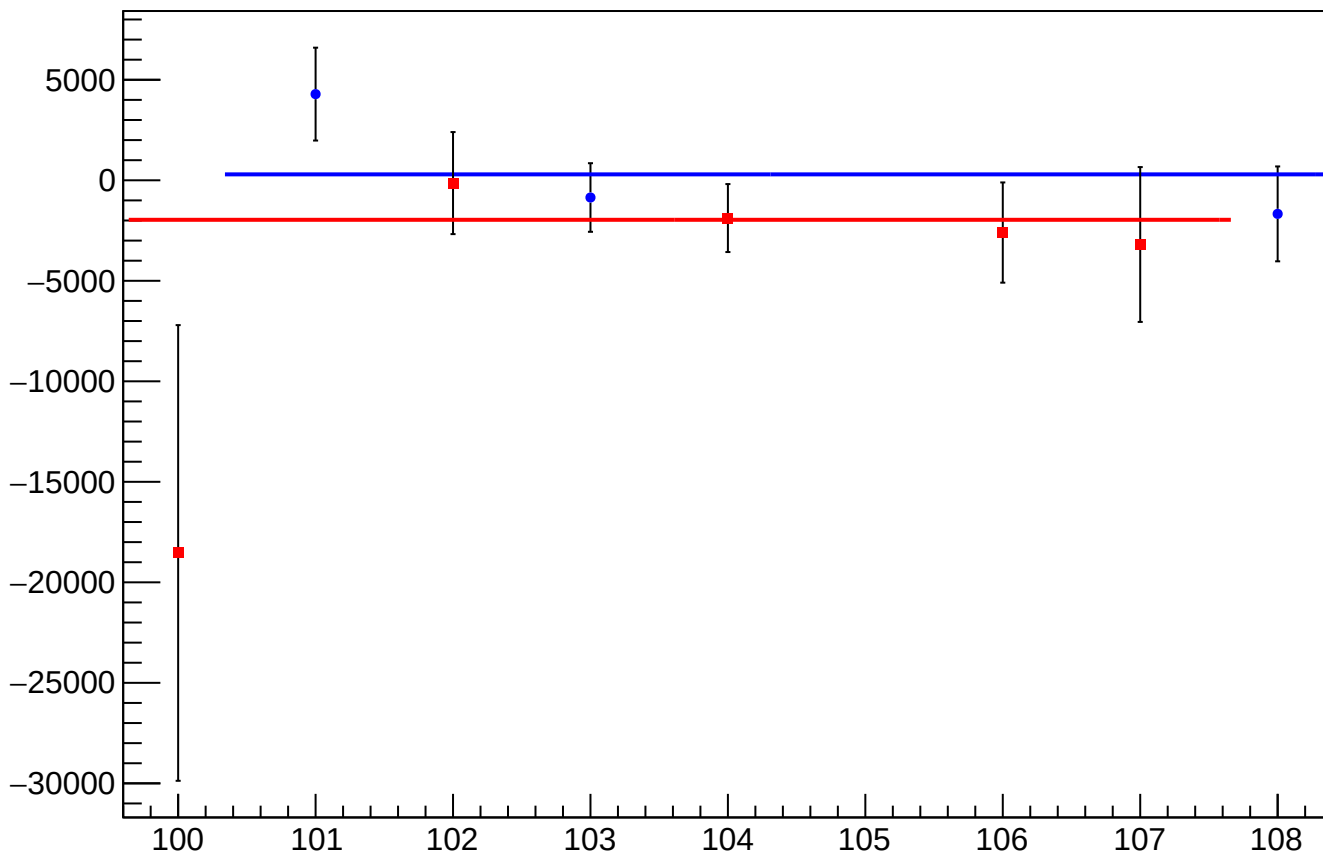
Right: 1490.734+/-0.610 χ^2/NDF : 431146.2/7

In: 1498.503+/-0.871 χ^2/NDF : 297028.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1490.734+/-0.610 χ^2/NDF : 431146.2/7

asym_at2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 294.890+/-1186.496 χ^2/NDF : 4.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1965.474+/-1161.584 χ^2/NDF : 2.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

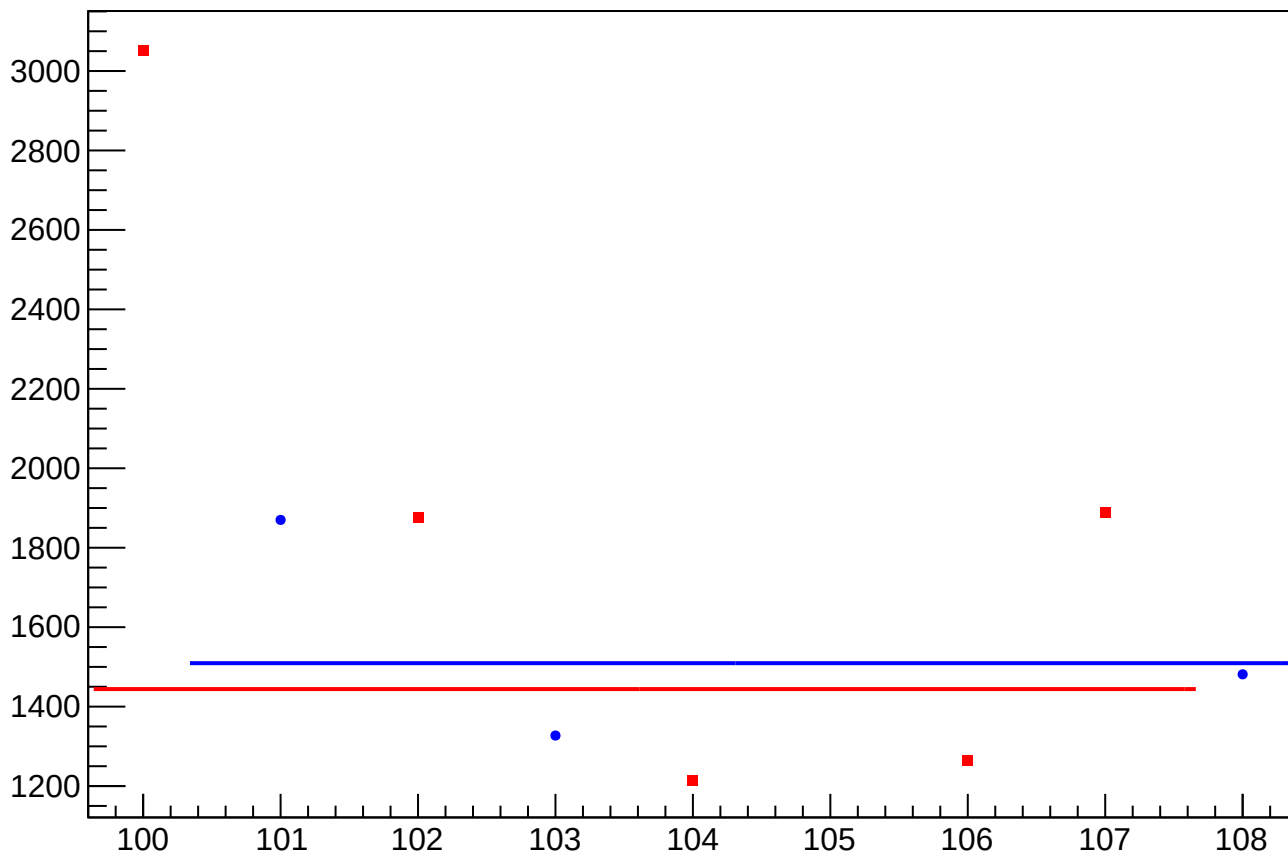
Right: -859.271+/-830.032 χ^2/NDF : 8.8/7

In: 294.890+/-1186.496 χ^2/NDF : 4.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -859.271+/-830.032 χ^2/NDF : 8.8/7

asym_at2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1509.352+/-0.839 χ^2/NDF : 71820.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1444.175+/-0.821 χ^2/NDF : 171821.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

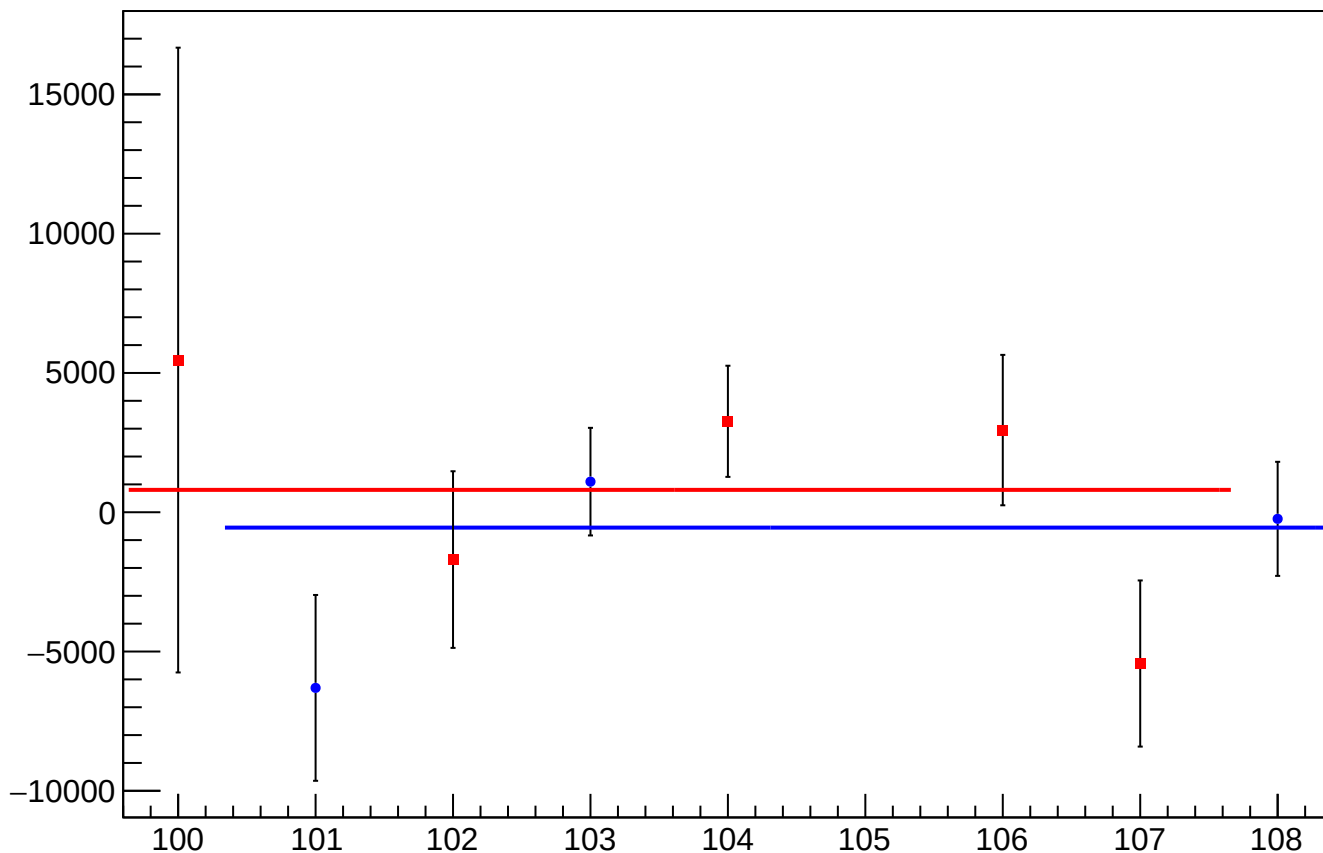
Right: 1476.072+/-0.587 χ^2/NDF : 246723.5/7

In: 1509.352+/-0.839 χ^2/NDF : 71820.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1476.072+/-0.587 χ^2/NDF : 246723.5/7

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -551.562 ± 1294.829 χ^2/NDF : 3.7/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 802.958 ± 1282.166 χ^2/NDF : 7.3/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

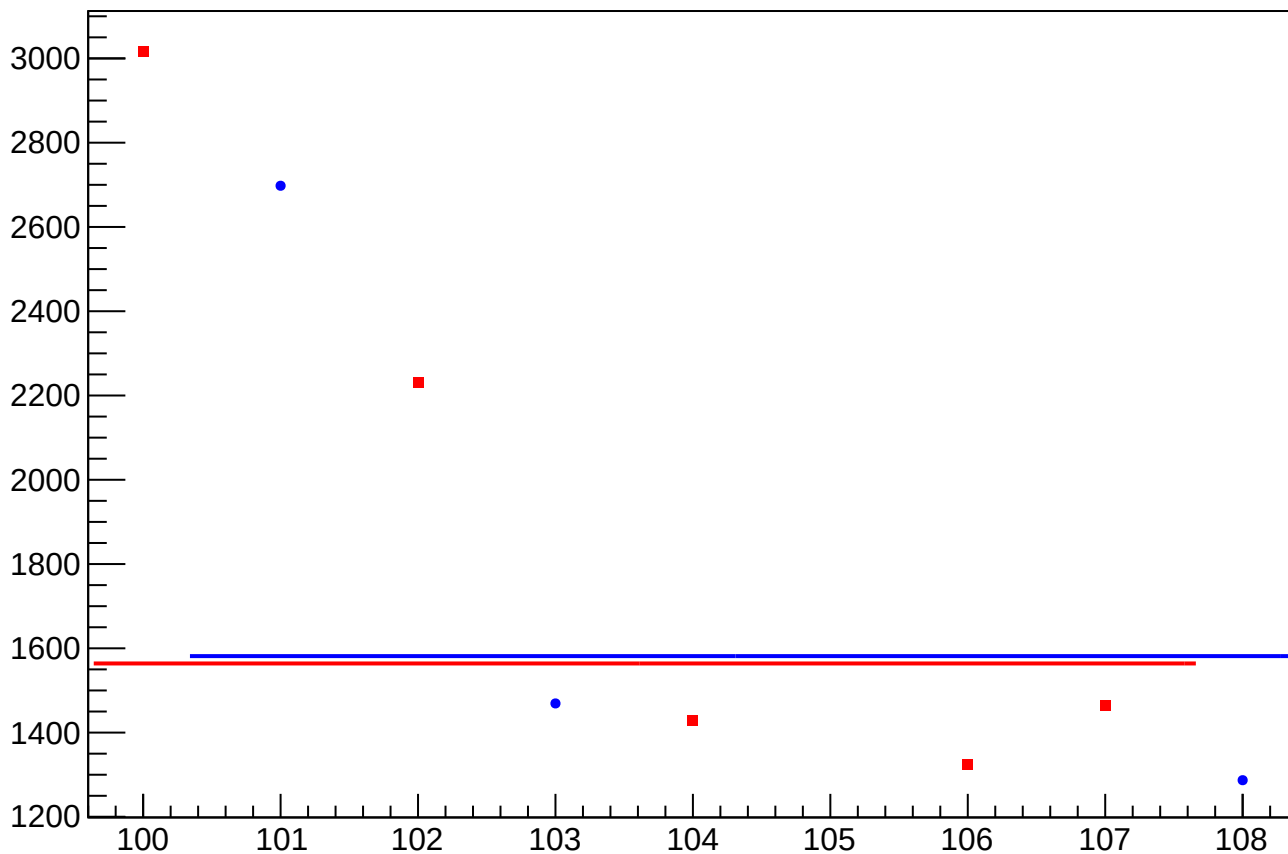
Right: 132.354 ± 911.072 χ^2/NDF : 11.6/7

In: -551.562 ± 1294.829 χ^2/NDF : 3.7/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 132.354 ± 911.072 χ^2/NDF : 11.6/7

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1581.511+/-0.916 χ^2/NDF : 272139.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1564.069+/-0.907 χ^2/NDF : 148753.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

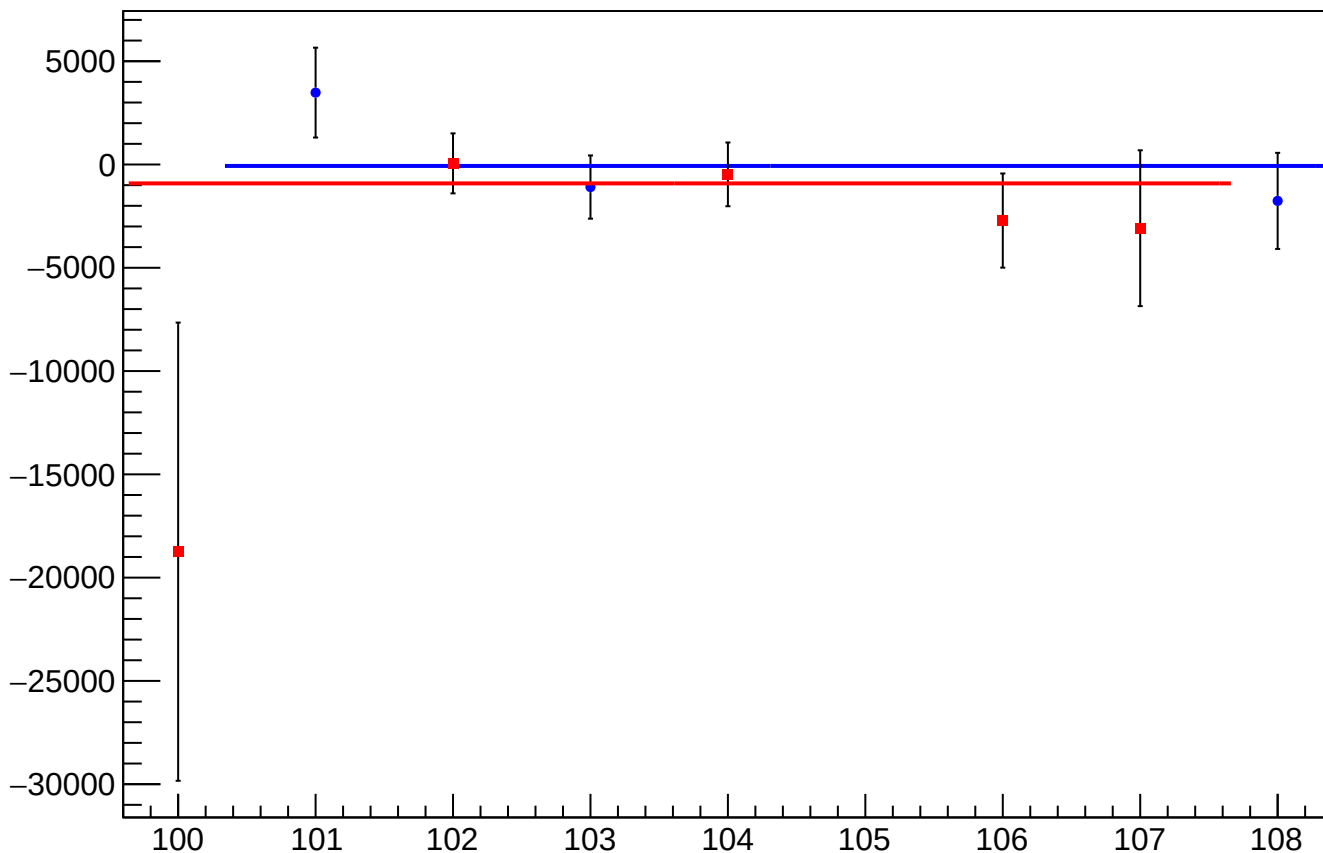
Right: 1572.704+/-0.644 χ^2/NDF : 421076.0/7

In: 1581.511+/-0.916 χ^2/NDF : 272139.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1572.704+/-0.644 χ^2/NDF : 421076.0/7

asym_at2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -69.472 ± 1102.016 χ^2/NDF : 3.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -915.064 ± 926.347 χ^2/NDF : 4.1/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

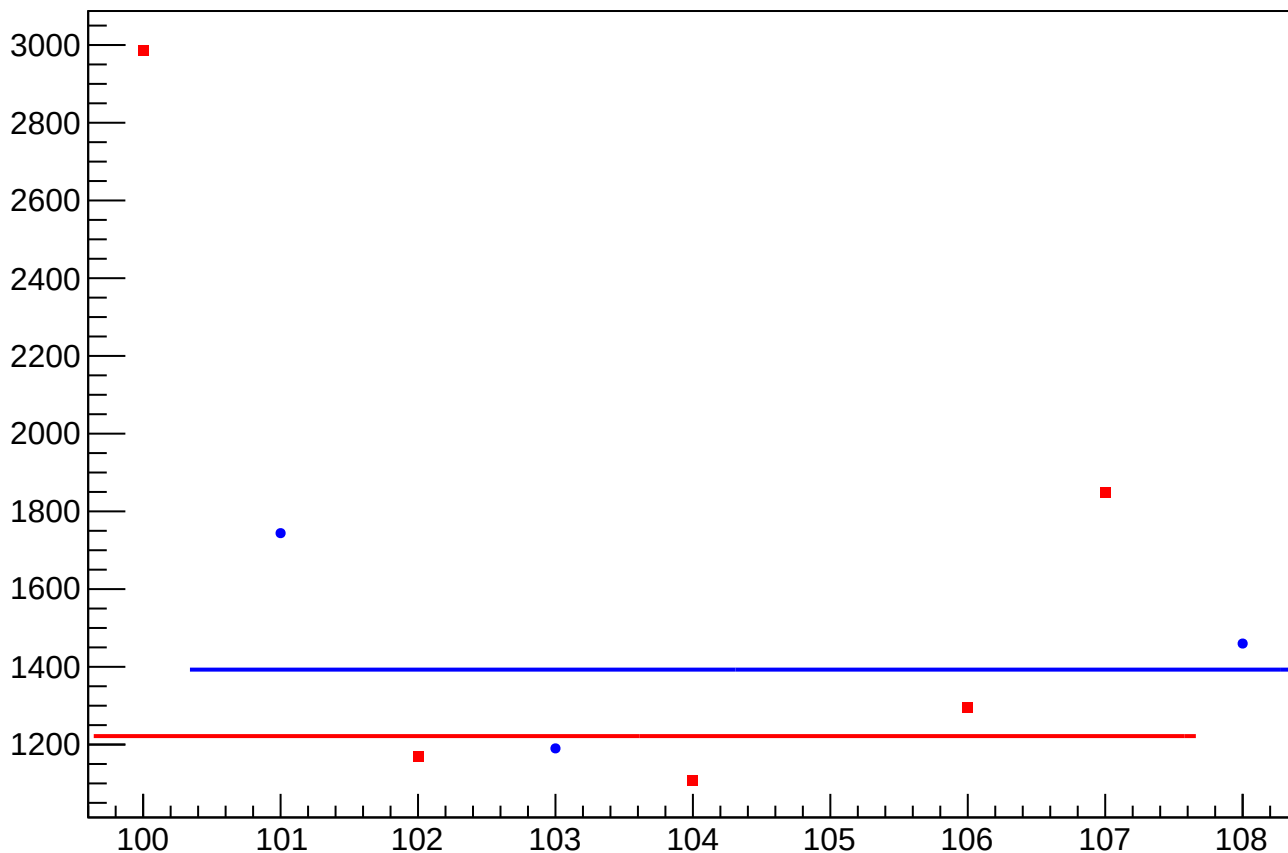
Right: -564.957 ± 709.101 χ^2/NDF : 8.0/7

In: -69.472 ± 1102.016 χ^2/NDF : 3.6/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -564.957 ± 709.101 χ^2/NDF : 8.0/7

asym_at2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1392.815+/-0.779 χ^2/NDF : 88869.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1221.767+/-0.655 χ^2/NDF : 121529.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

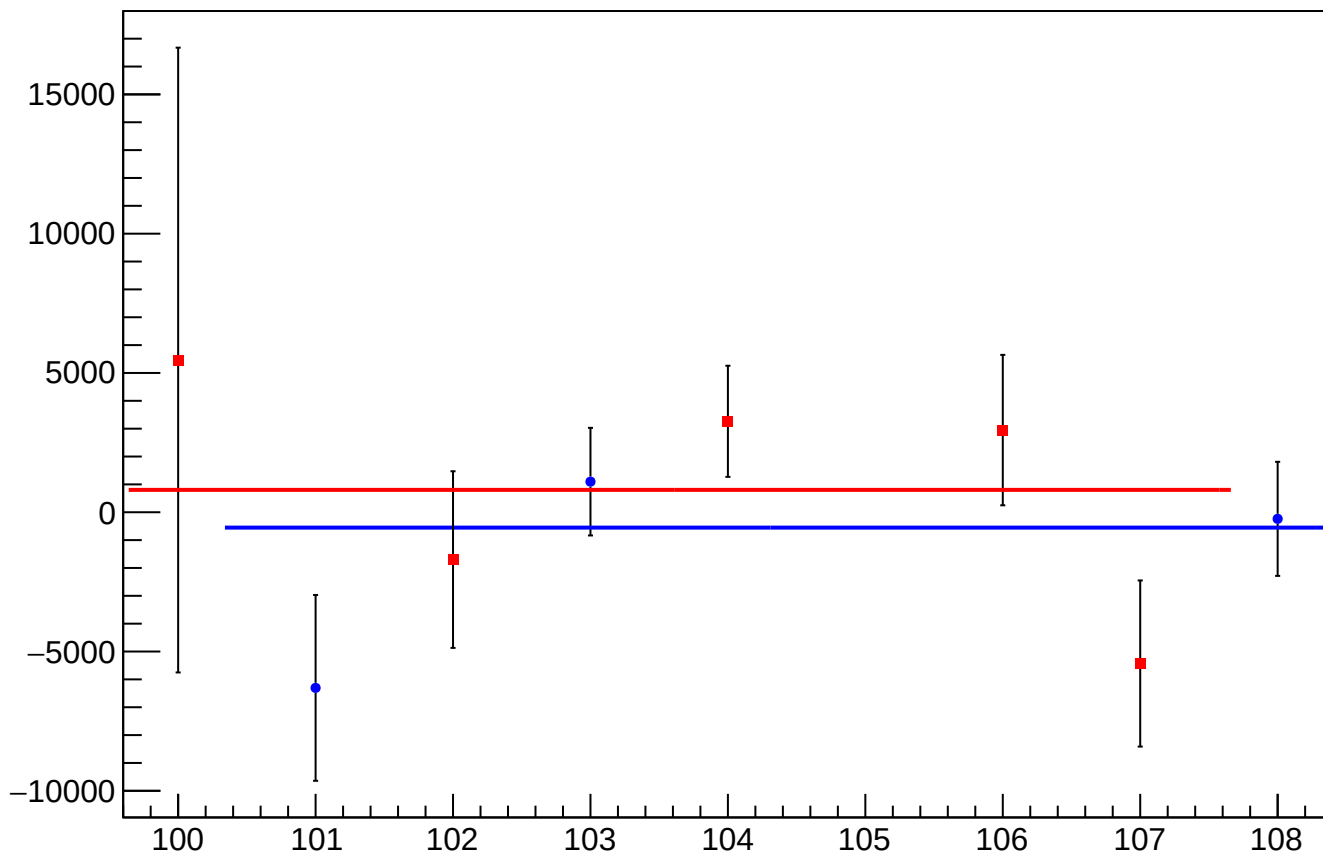
Right: 1292.587+/-0.501 χ^2/NDF : 238631.9/7

In: 1392.815+/-0.779 χ^2/NDF : 88869.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1292.587+/-0.501 χ^2/NDF : 238631.9/7

eigen_dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -551.573+/-1294.829 χ^2/NDF : 3.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 802.964+/-1282.166 χ^2/NDF : 7.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

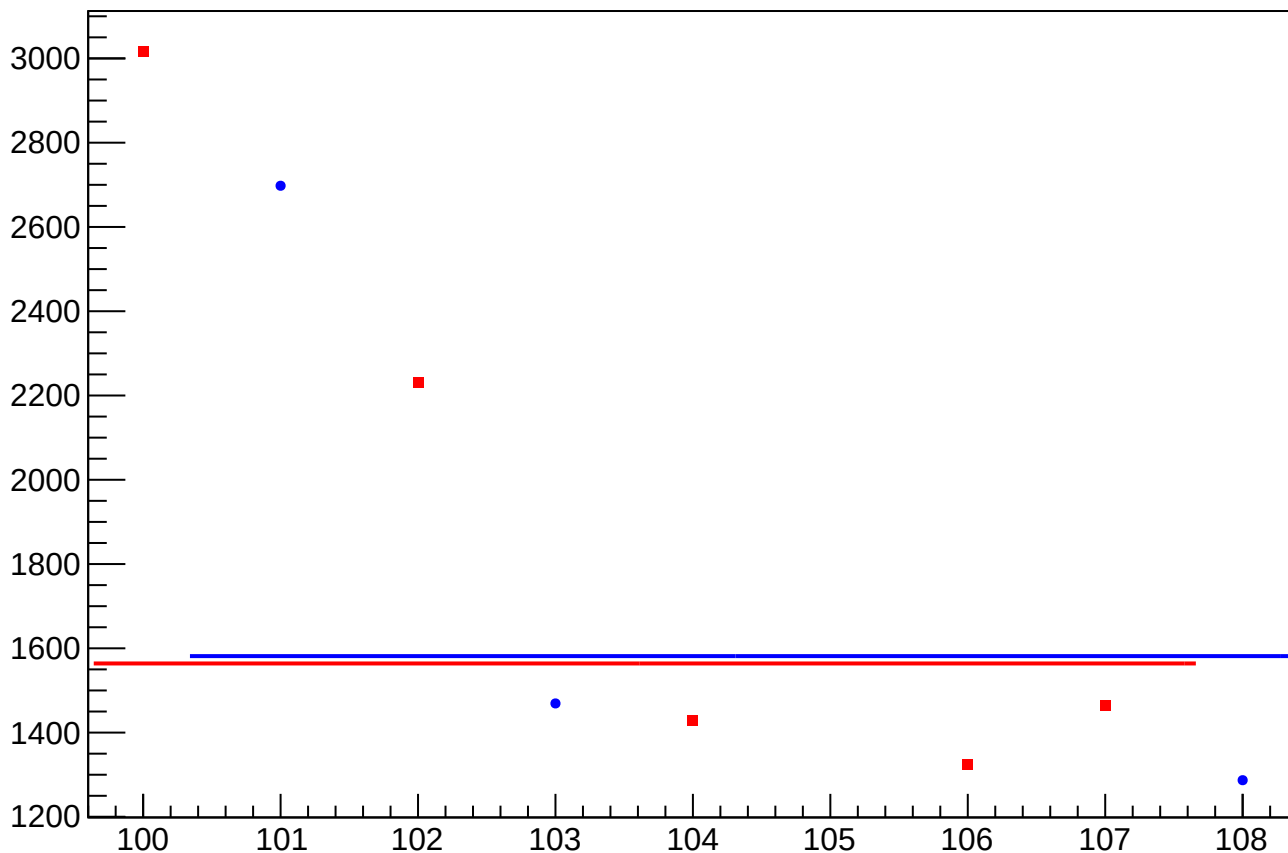
Right: 132.351+/-911.072 χ^2/NDF : 11.6/7

In: -551.573+/-1294.829 χ^2/NDF : 3.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.351+/-911.072 χ^2/NDF : 11.6/7

eigen_dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1581.511+/-0.916 χ^2/NDF : 272139.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1564.069+/-0.907 χ^2/NDF : 148753.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

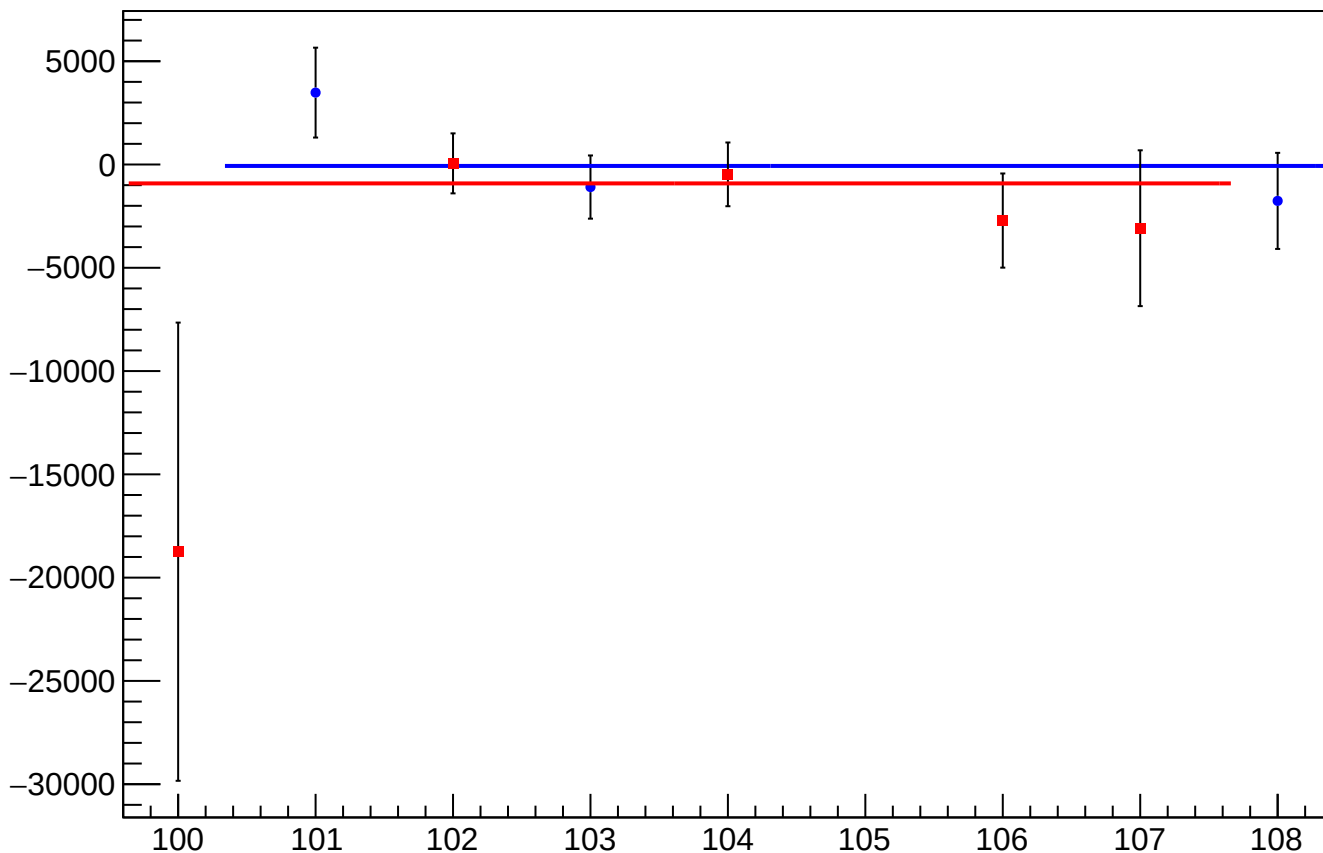
Right: 1572.704+/-0.644 χ^2/NDF : 421075.8/7

In: 1581.511+/-0.916 χ^2/NDF : 272139.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1572.704+/-0.644 χ^2/NDF : 421075.8/7

asym_at2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -69.474 ± 1102.013 χ^2/NDF : 3.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -915.069 ± 926.347 χ^2/NDF : 4.1/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

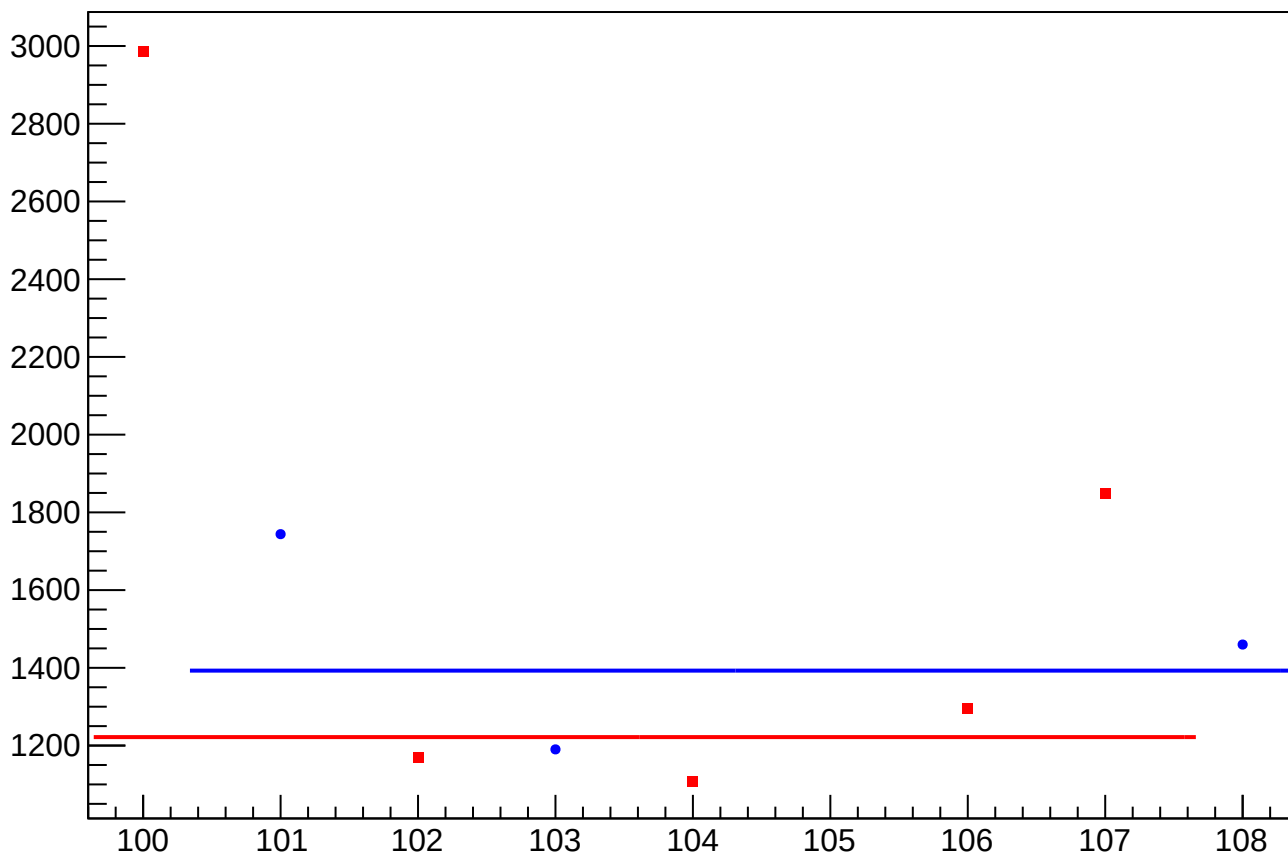
Right: -564.959 ± 709.100 χ^2/NDF : 8.0/7

In: -69.474 ± 1102.013 χ^2/NDF : 3.6/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -564.959 ± 709.100 χ^2/NDF : 8.0/7

asym_at2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1392.812+/-0.779 χ^2/NDF : 88865.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1221.767+/-0.655 χ^2/NDF : 121527.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

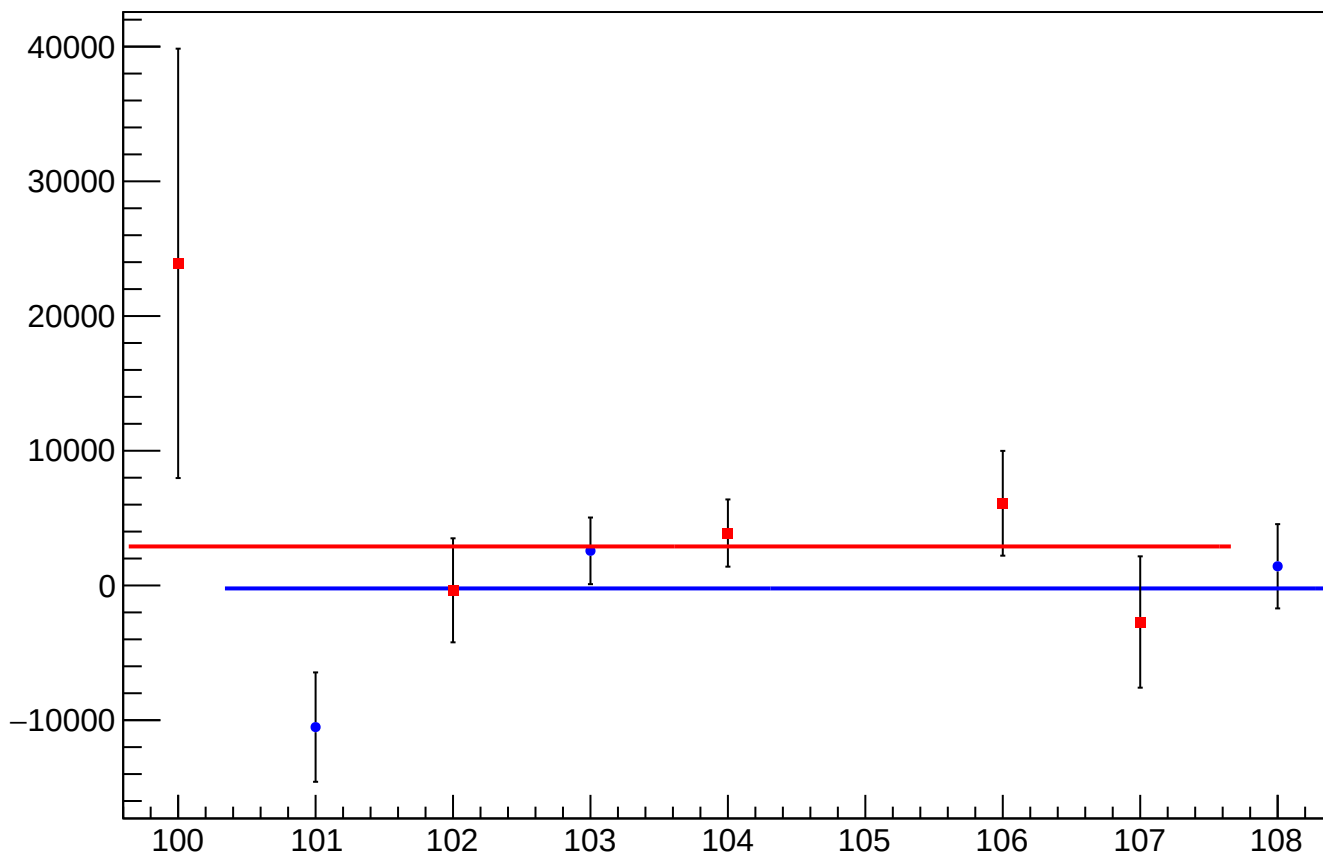
Right: 1292.587+/-0.501 χ^2/NDF : 238625.1/7

In: 1392.812+/-0.779 χ^2/NDF : 88865.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1292.587+/-0.501 χ^2/NDF : 238625.1/7

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -220.025+/-1750.343 χ^2/NDF : 8.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2896.053+/-1715.333 χ^2/NDF : 4.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

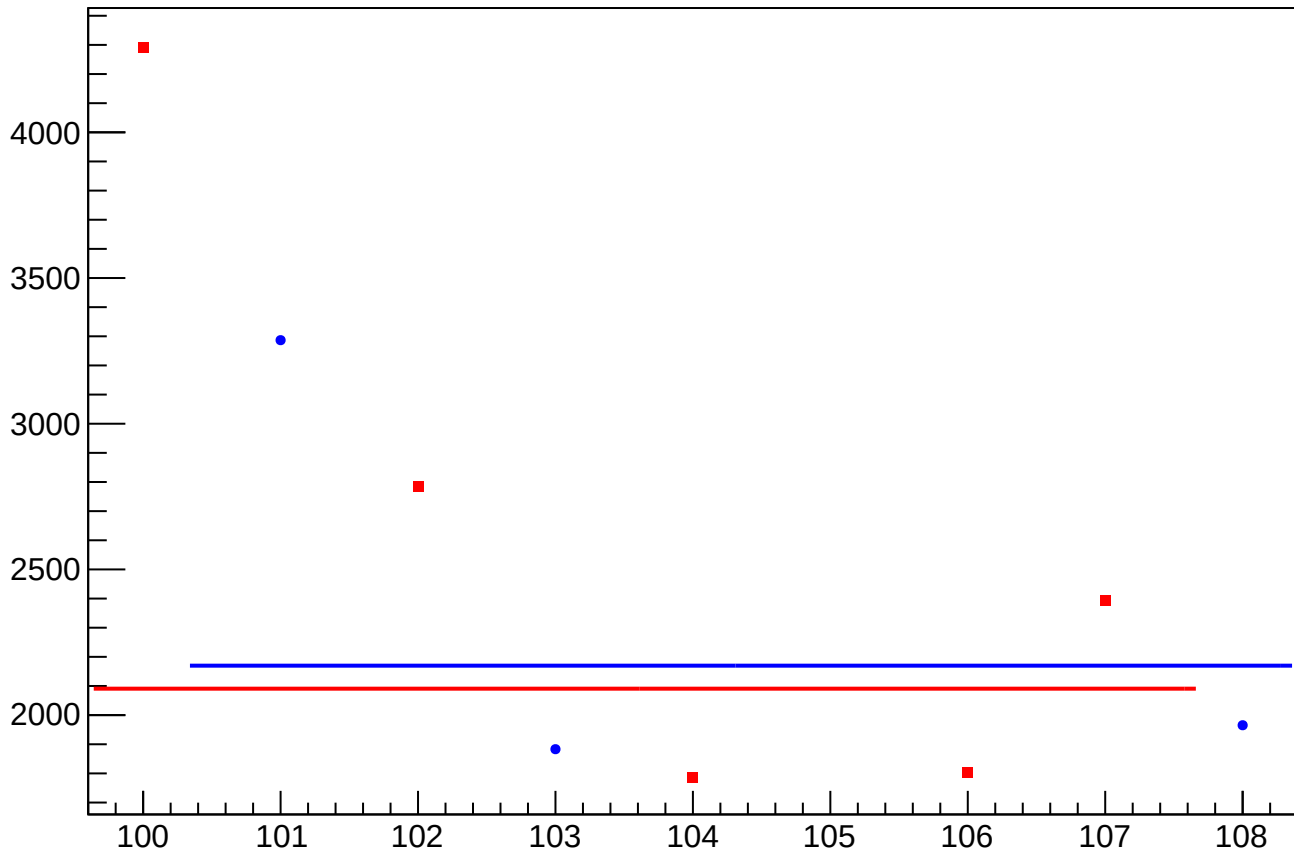
Right: 1369.489+/-1225.114 χ^2/NDF : 14.2/7

In: -220.025+/-1750.343 χ^2/NDF : 8.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1369.489+/-1225.114 χ^2/NDF : 14.2/7

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2169.727+/-1.238 χ^2/NDF : 186791.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2090.772+/-1.213 χ^2/NDF : 150767.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

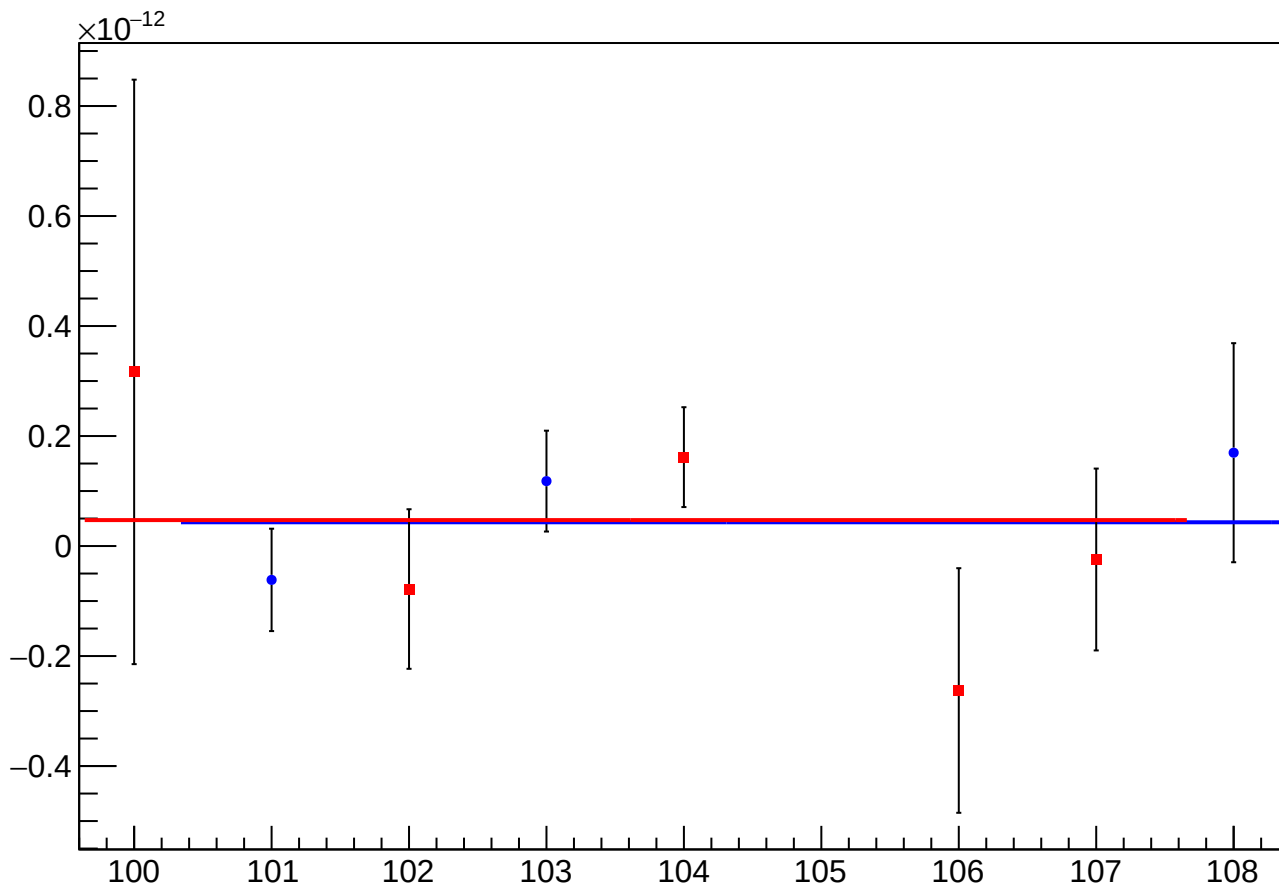
Right: 2129.451+/-0.866 χ^2/NDF : 339634.2/7

In: 2169.727+/-1.238 χ^2/NDF : 186791.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2129.451+/-0.866 χ^2/NDF : 339634.2/7

asym_at2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

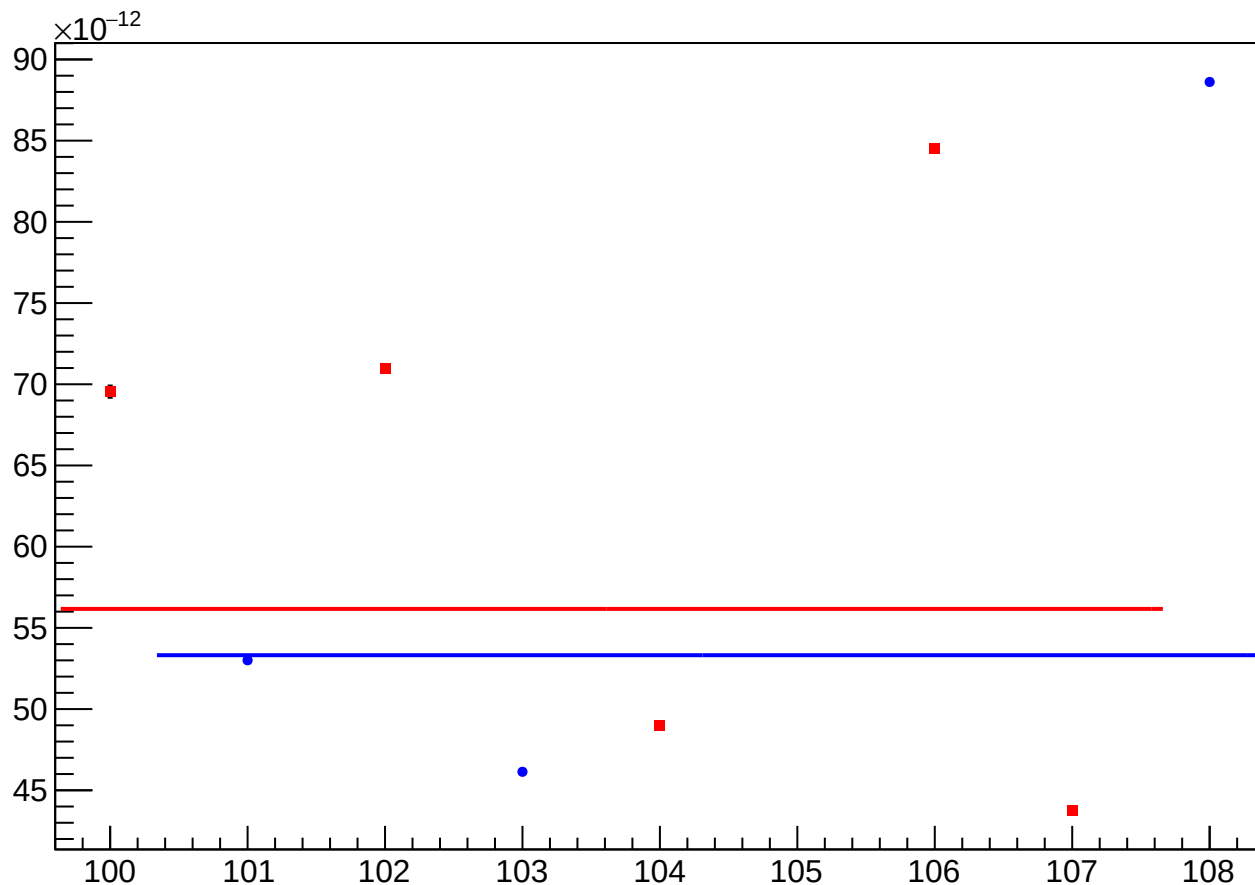
Right: 0.000+/-0.000 χ^2/NDF : 7.1/7

In: 0.000+/-0.000 χ^2/NDF : 2.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.1/7

asym_at2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 75110.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 78333.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

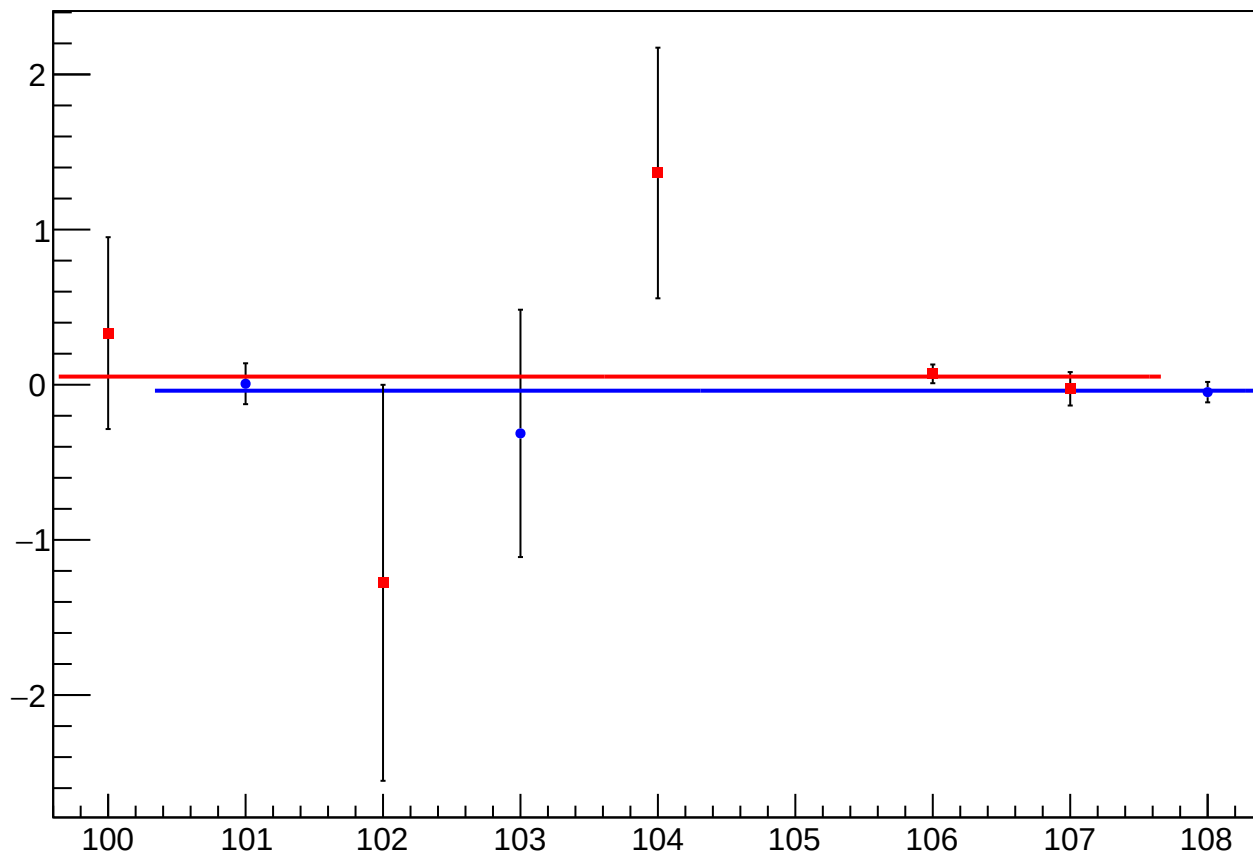
Right: 0.000+/-0.000 χ^2/NDF : 155423.7/7

In: 0.000+/-0.000 χ^2/NDF : 75110.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 155423.7/7

asym_at2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.038 $\pm$ 0.059 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.053 $\pm$ 0.052 χ^2 /NDF: 4.5/4

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

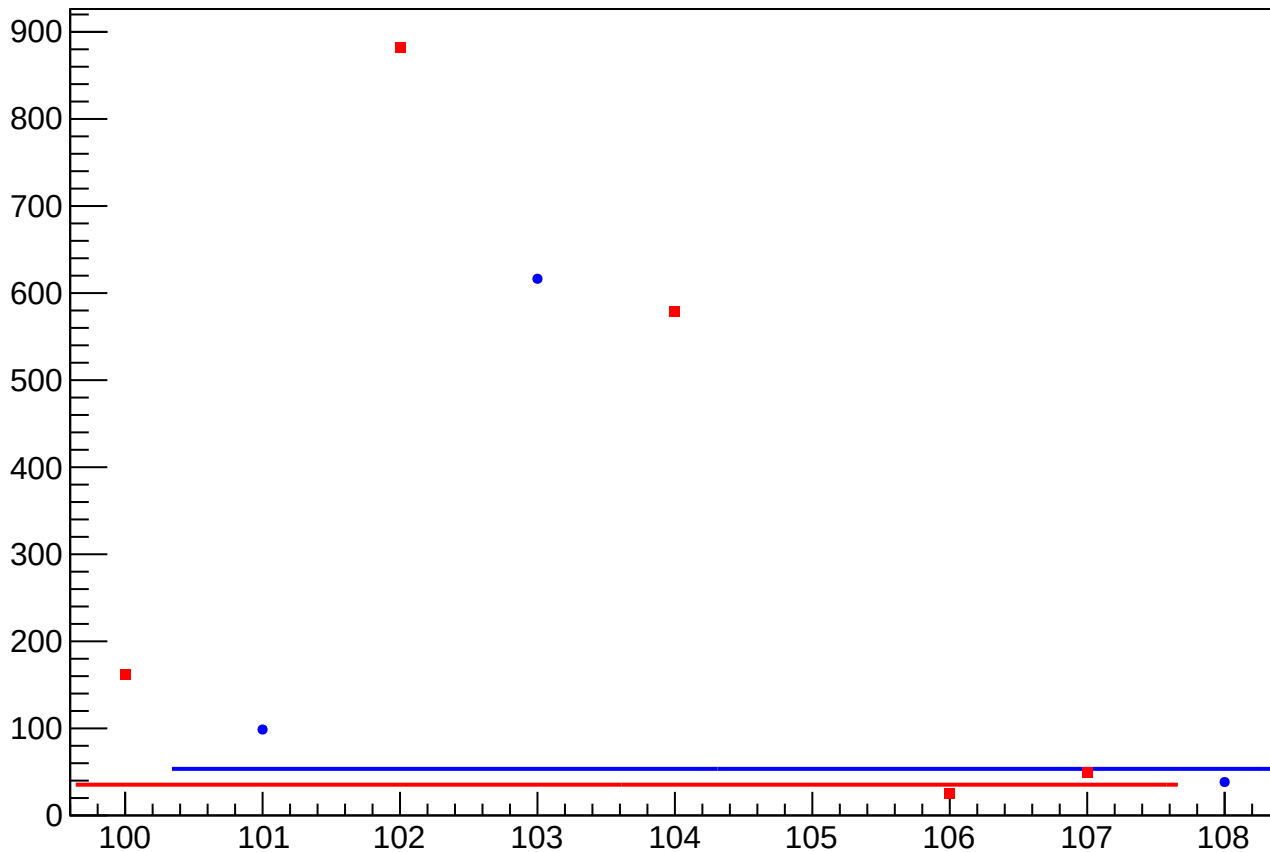
Right: 0.012 $\pm$ 0.039 χ^2 /NDF: 6.1/7

In: -0.038 $\pm$ 0.059 χ^2 /NDF:0.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.012 $\pm$ 0.039 χ^2 /NDF: 6.1/7

asym_at2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.522+/-0.042 χ^2/NDF : 1338404.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.353+/-0.037 χ^2/NDF : 1963790.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

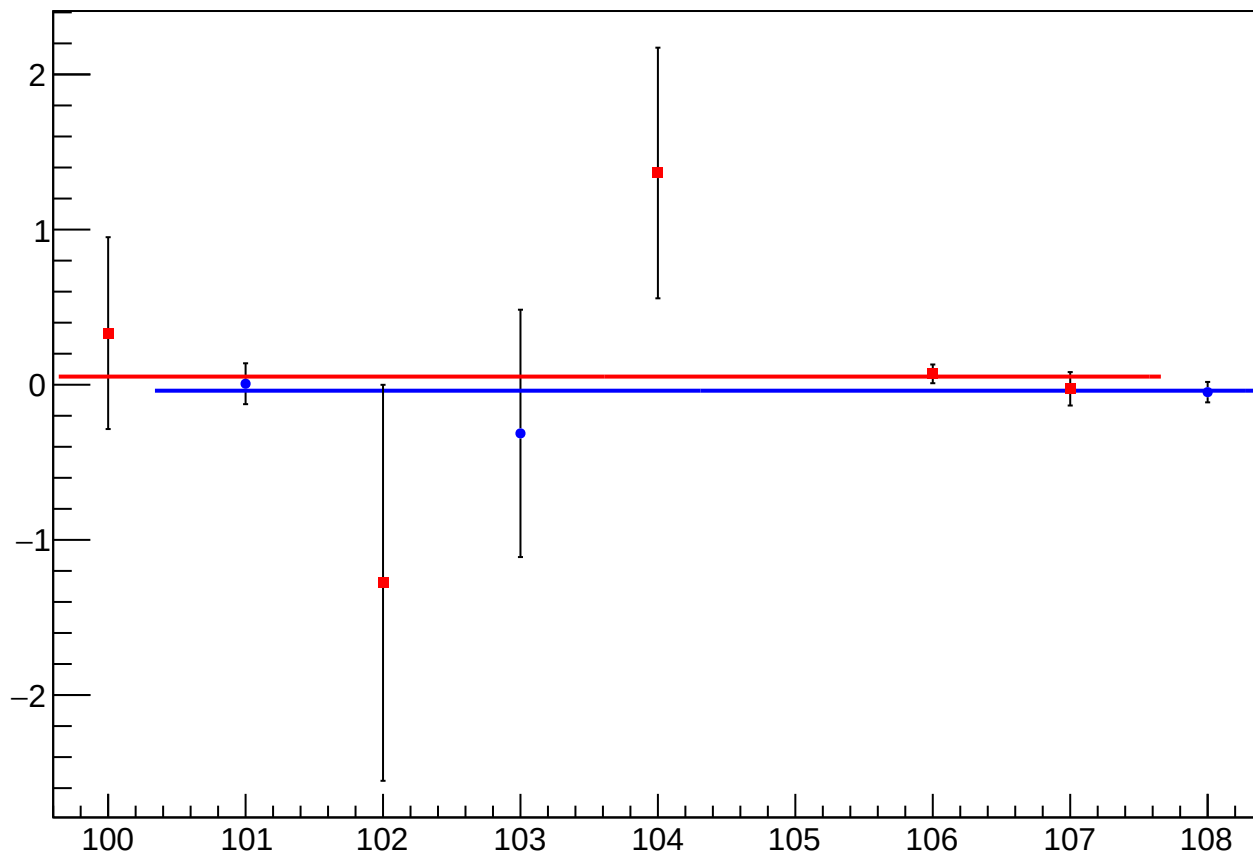
Right: 43.390+/-0.028 χ^2/NDF : 3408977.8/7

In: 53.522+/-0.042 χ^2/NDF : 1338404.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.390+/-0.028 χ^2/NDF : 3408977.8/7

asym_at2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.038+/-0.059 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.053+/-0.052 χ^2/NDF : 4.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

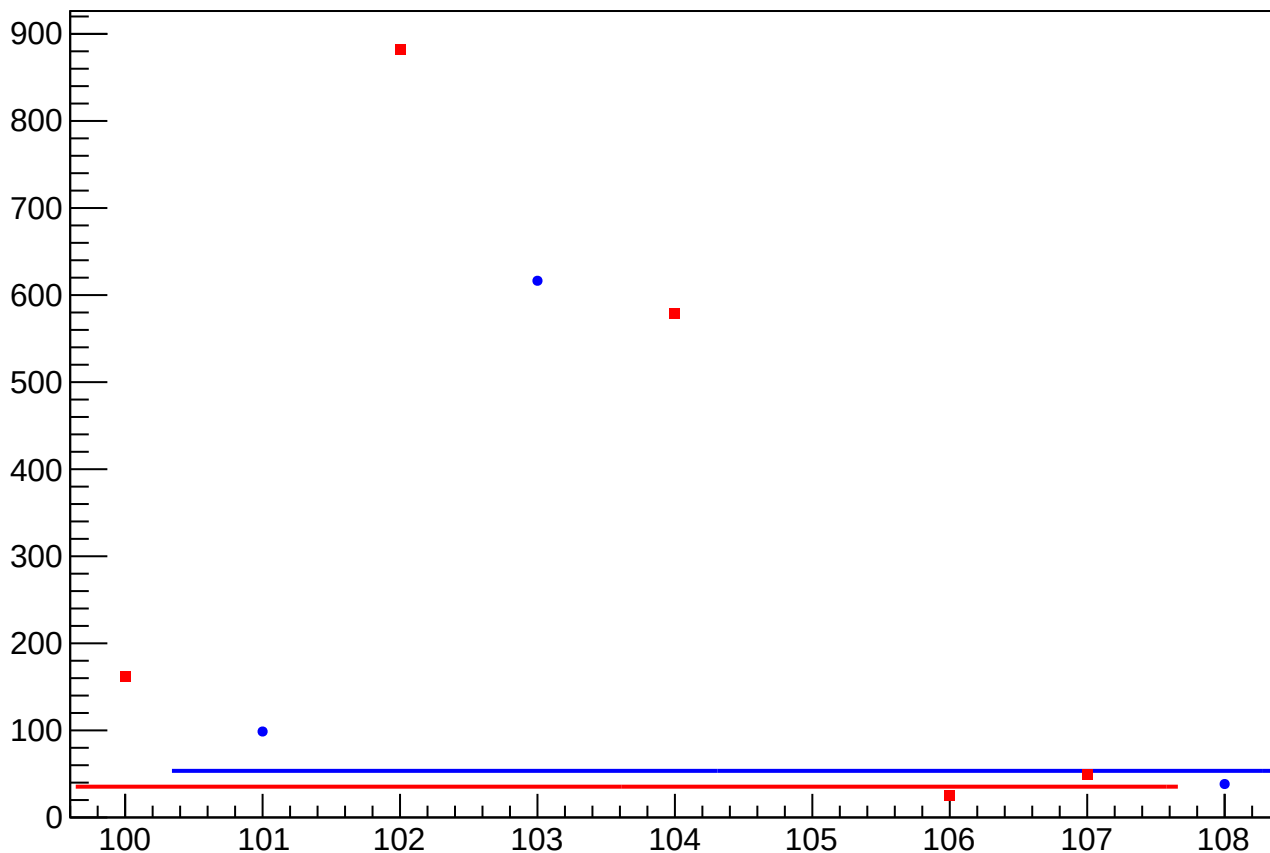
Right: 0.012+/-0.039 χ^2/NDF : 6.1/7

In: -0.038+/-0.059 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.039 χ^2/NDF : 6.1/7

asym_at2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.522+/-0.042 χ^2/NDF : 1338404.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.353+/-0.037 χ^2/NDF : 1963790.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

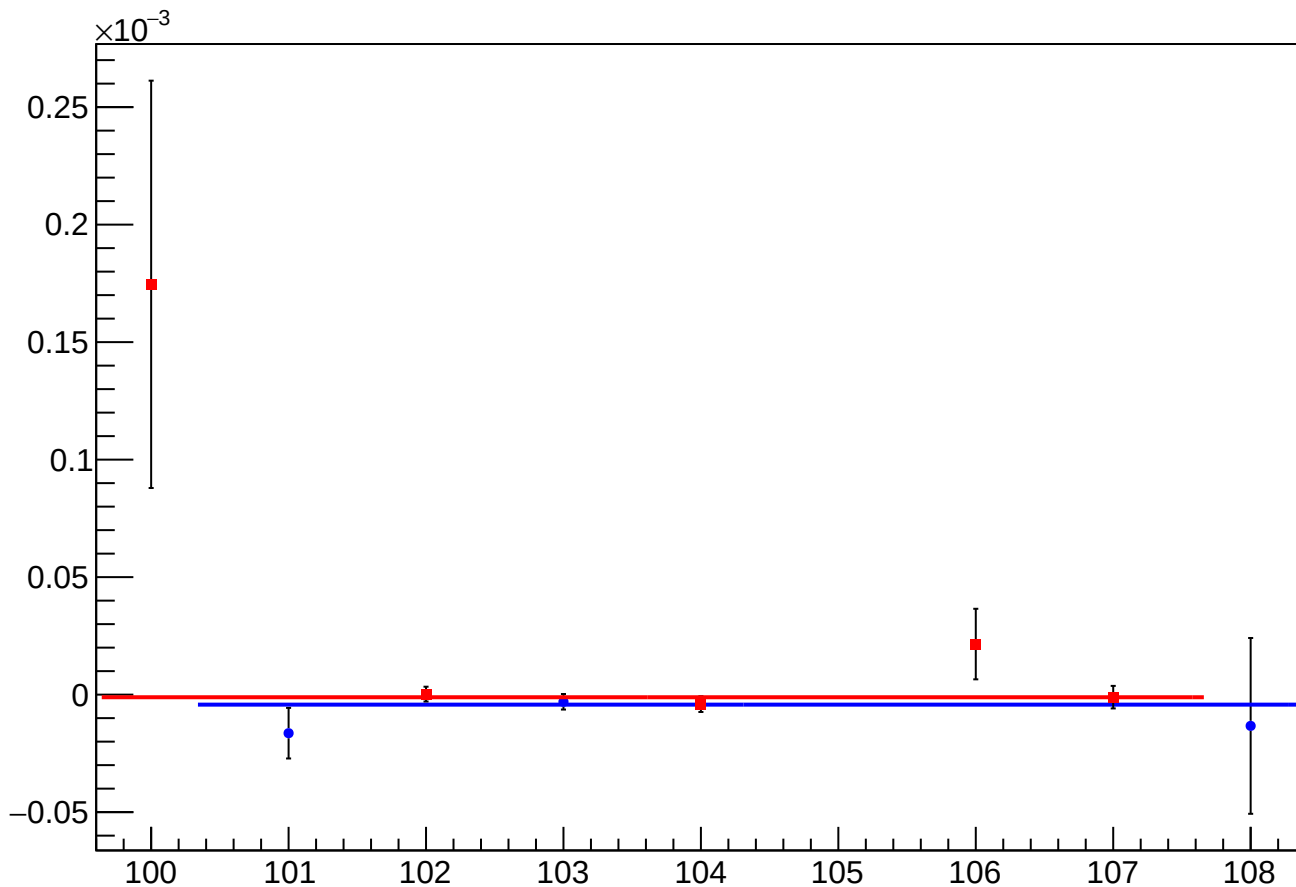
Right: 43.390+/-0.028 χ^2/NDF : 3408977.8/7

In: 53.522+/-0.042 χ^2/NDF : 1338404.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.390+/-0.028 χ^2/NDF : 3408977.8/7

asym_at2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

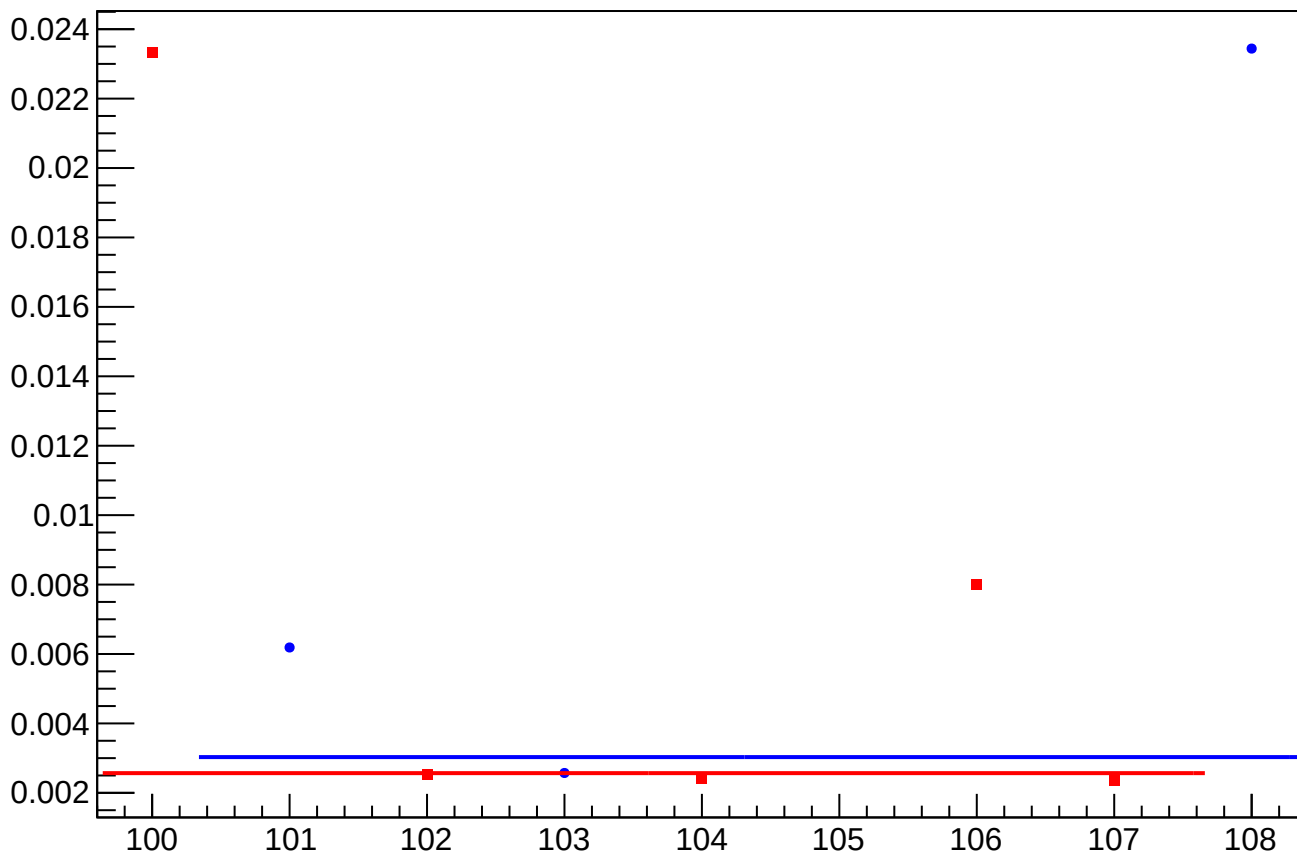
Right: -0.000+/-0.000 χ^2/NDF : 9.5/7

In: -0.000+/-0.000 χ^2/NDF : 1.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.5/7

asym_at2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 805841.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 386120.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

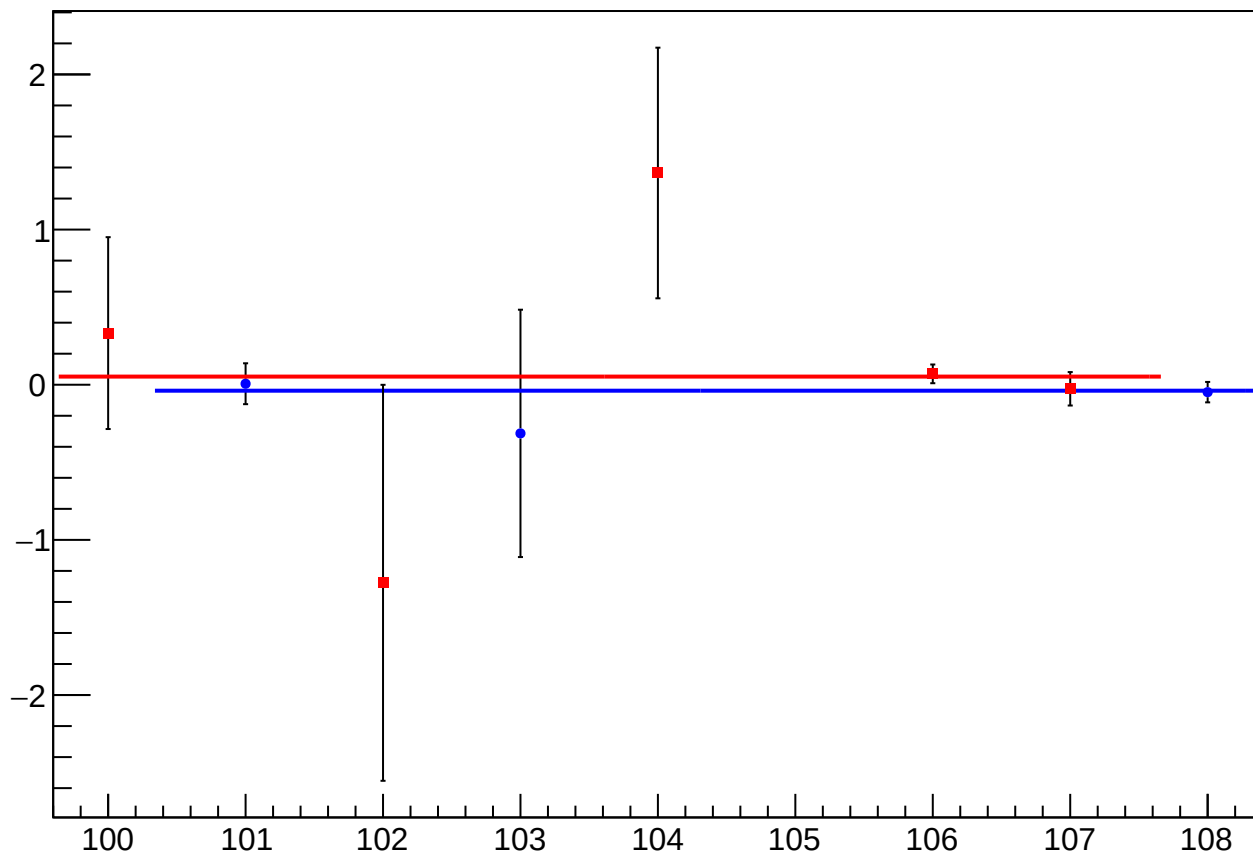
Right: 0.003+/-0.000 χ^2/NDF : 1222237.0/7

In: 0.003+/-0.000 χ^2/NDF : 805841.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 1222237.0/7

asym_at2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.038+/-0.059 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.052+/-0.052 χ^2/NDF : 4.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

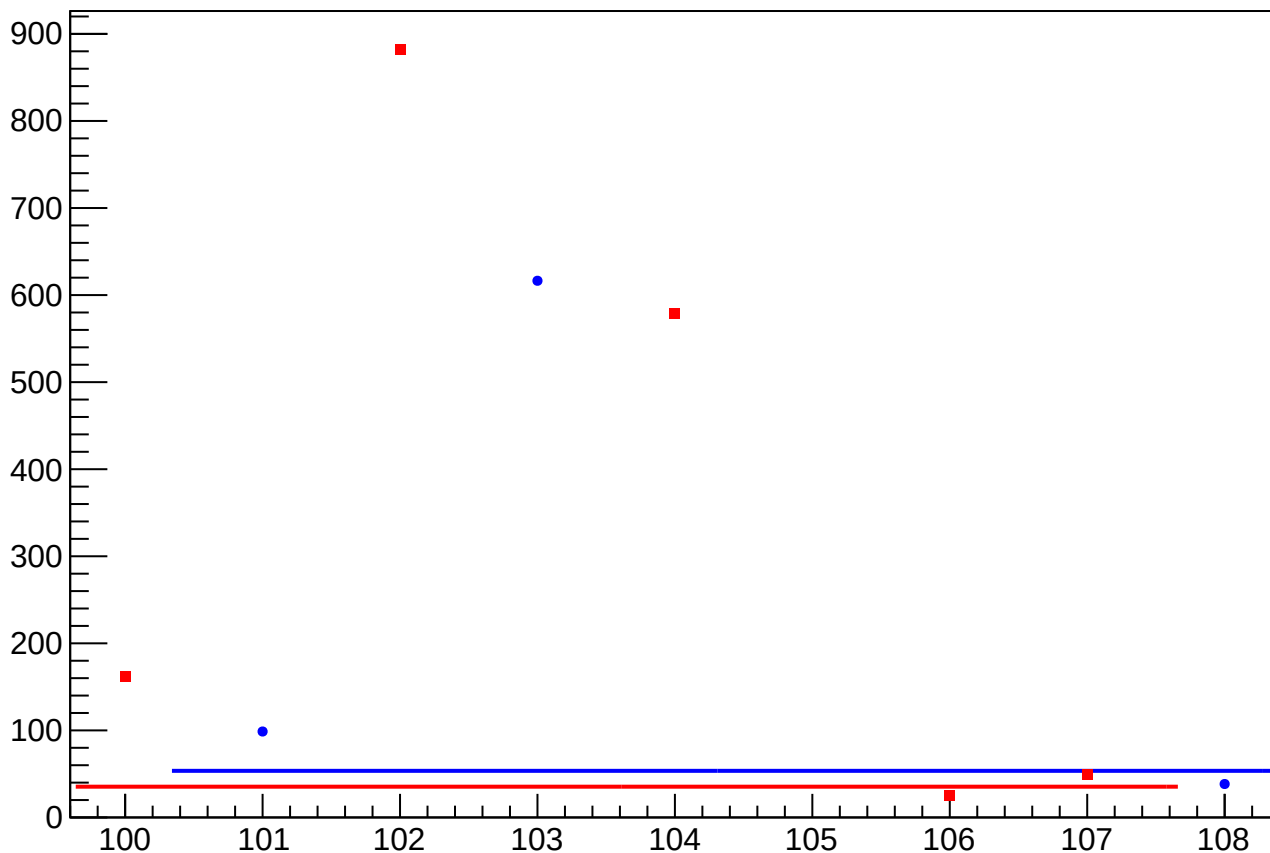
Right: 0.012+/-0.039 χ^2/NDF : 6.1/7

In: -0.038+/-0.059 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.039 χ^2/NDF : 6.1/7

asym_at2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.546 $\pm$ 0.042 χ^2 /NDF: 1338091.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 35.342 $\pm$ 0.037 χ^2 /NDF: 1963919.4/4

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

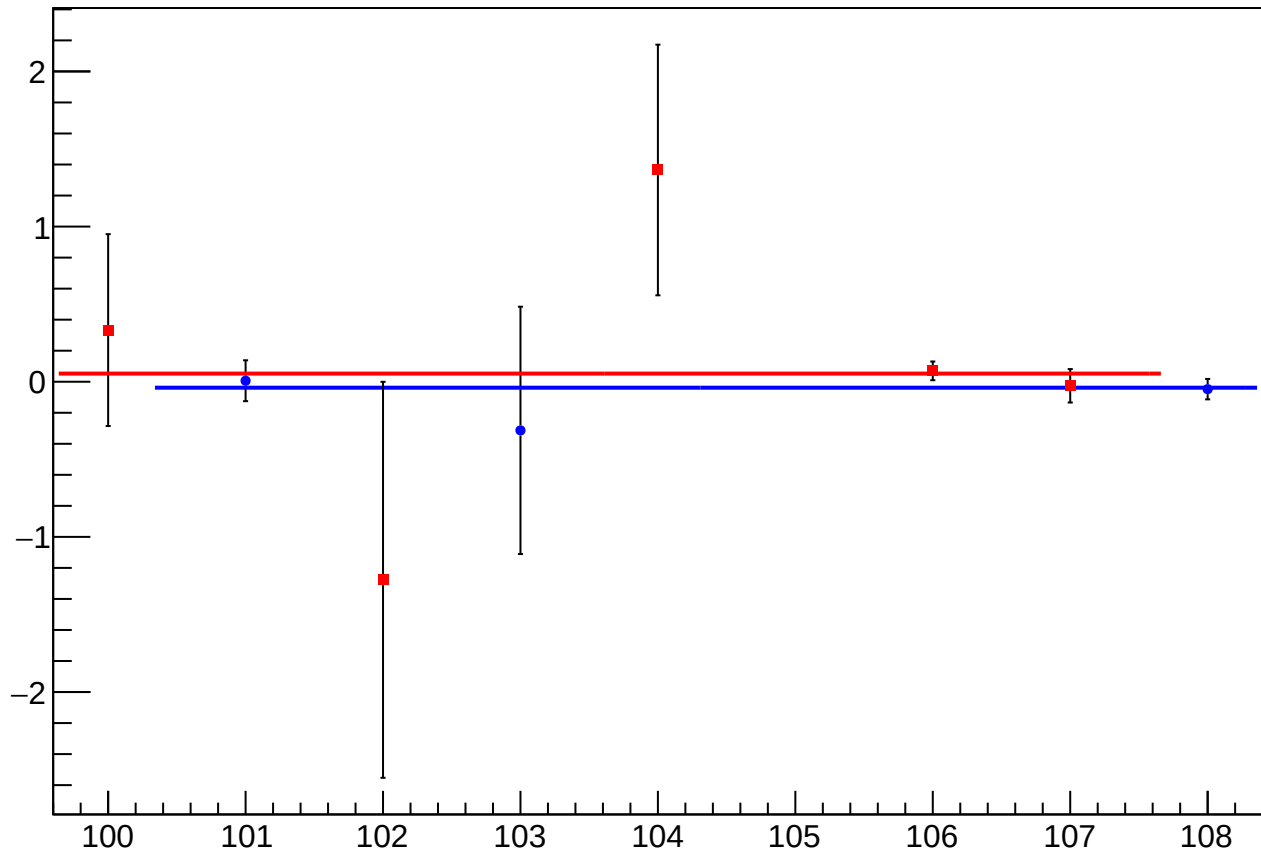
Right: 43.390 $\pm$ 0.028 χ^2 /NDF: 3409188.0/7

In: 53.546 $\pm$ 0.042 χ^2 /NDF:1338091.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 43.390 $\pm$ 0.028 χ^2 /NDF: 3409188.0/7

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.038 $\pm$ 0.059 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.052 $\pm$ 0.052 χ^2 /NDF: 4.5/4

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

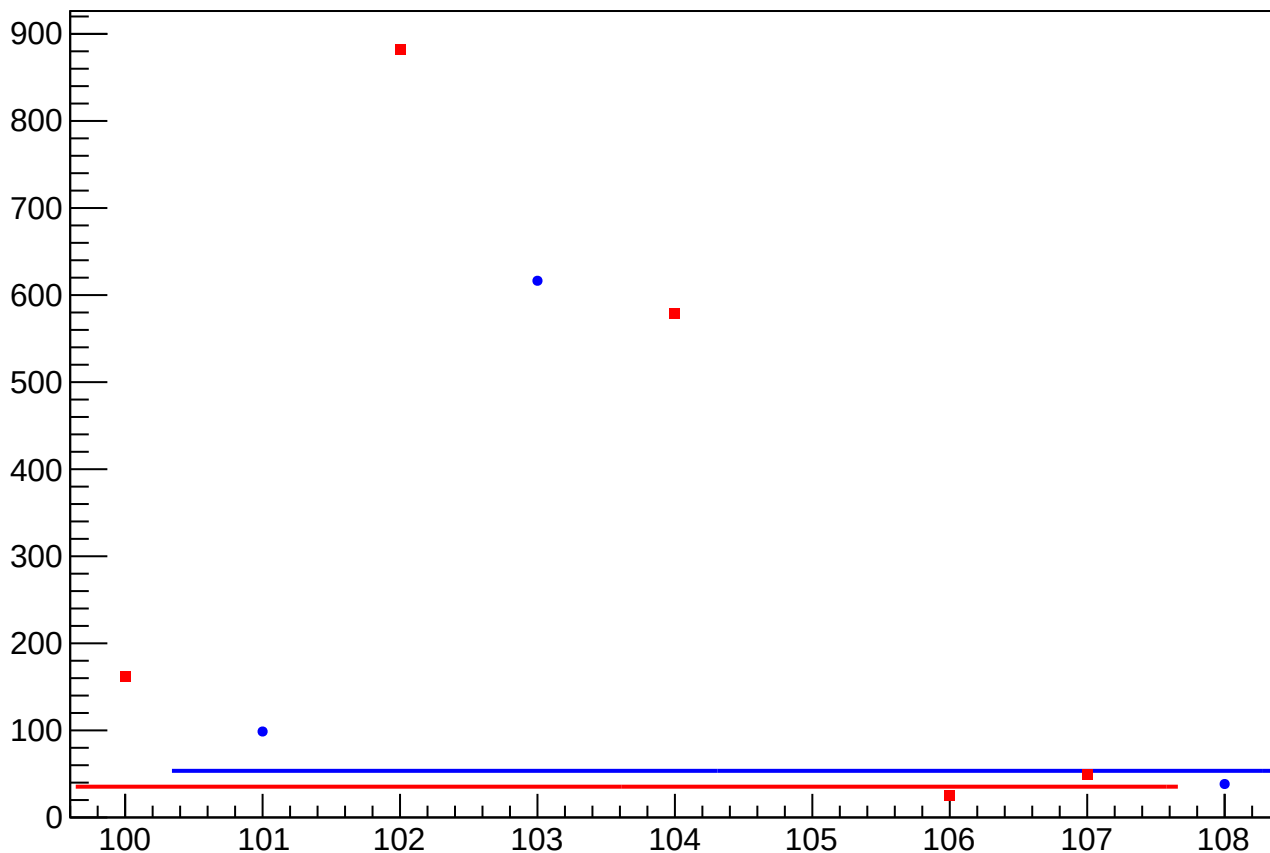
Right: 0.012 $\pm$ 0.039 χ^2 /NDF: 6.1/7

In: -0.038 $\pm$ 0.059 χ^2 /NDF:0.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.012 $\pm$ 0.039 χ^2 /NDF: 6.1/7

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.546+/-0.042 χ^2/NDF : 1338091.8/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 35.342+/-0.037 χ^2/NDF : 1963919.4/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

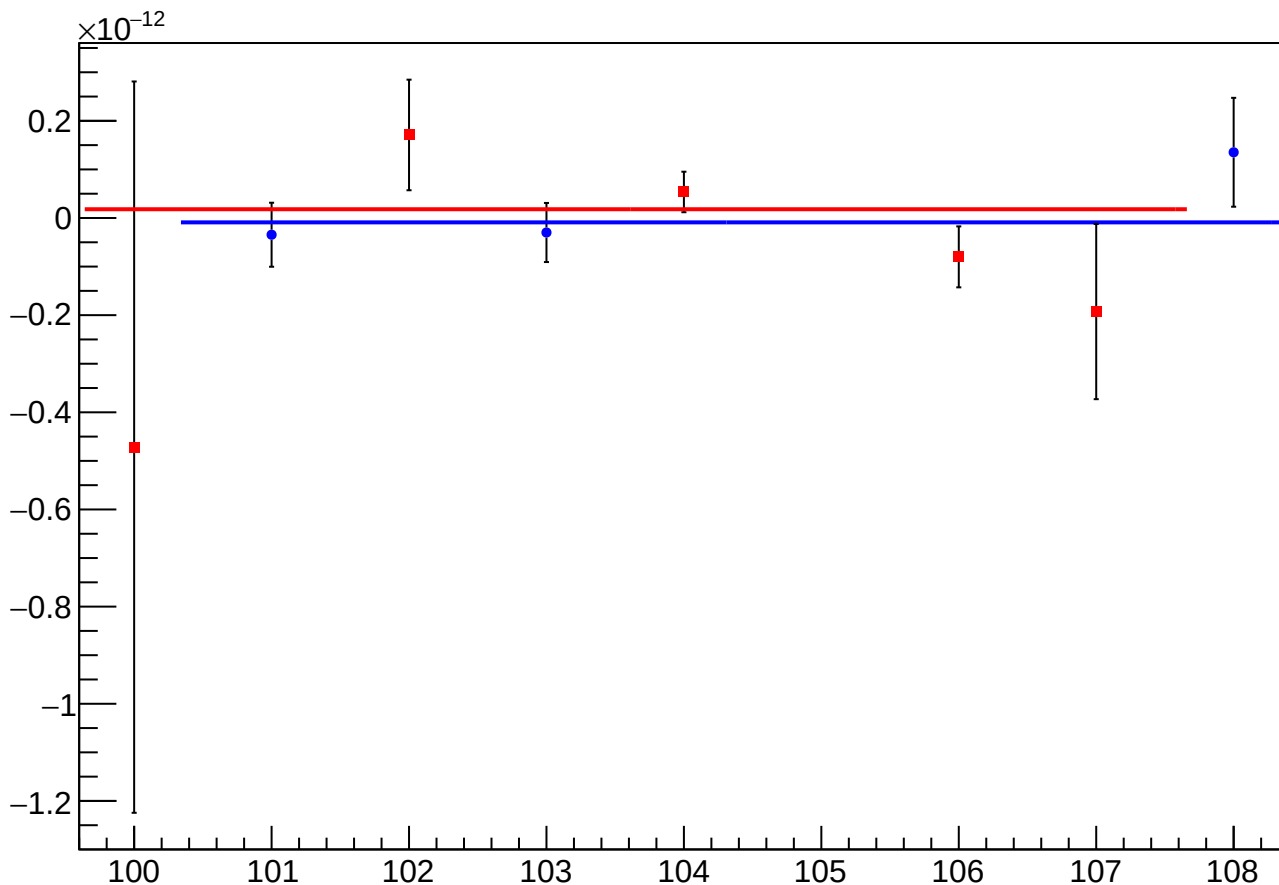
Right: 43.390+/-0.028 χ^2/NDF : 3409188.0/7

In: 53.546+/-0.042 χ^2/NDF :1338091.8/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 43.390+/-0.028 χ^2/NDF : 3409188.0/7

asym_at2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 1.9/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 6.8/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

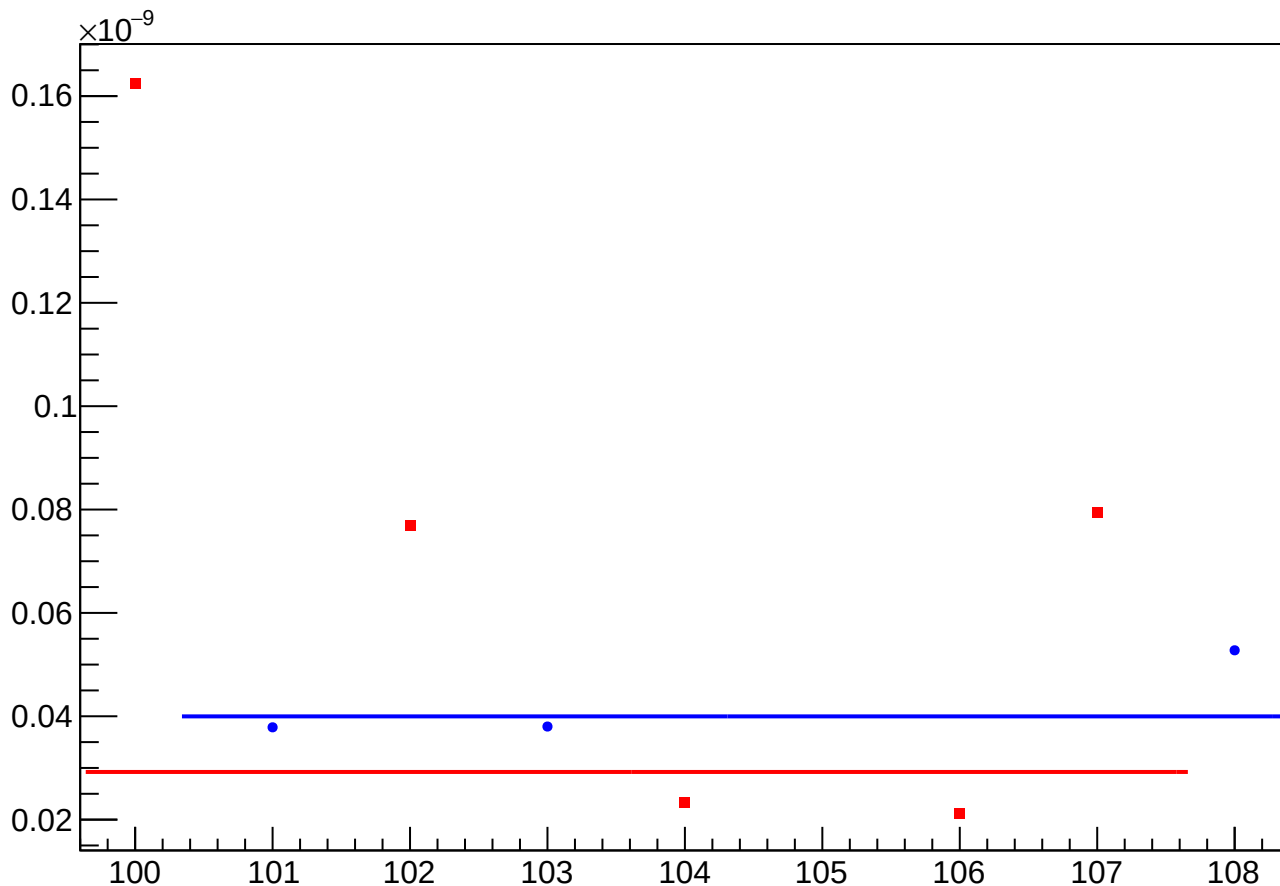
Right: 0.000+/-0.000 χ^2 /NDF: 8.9/7

In: -0.000+/-0.000 χ^2 /NDF:1.9/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 8.9/7

asym_at2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 30193.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 641716.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

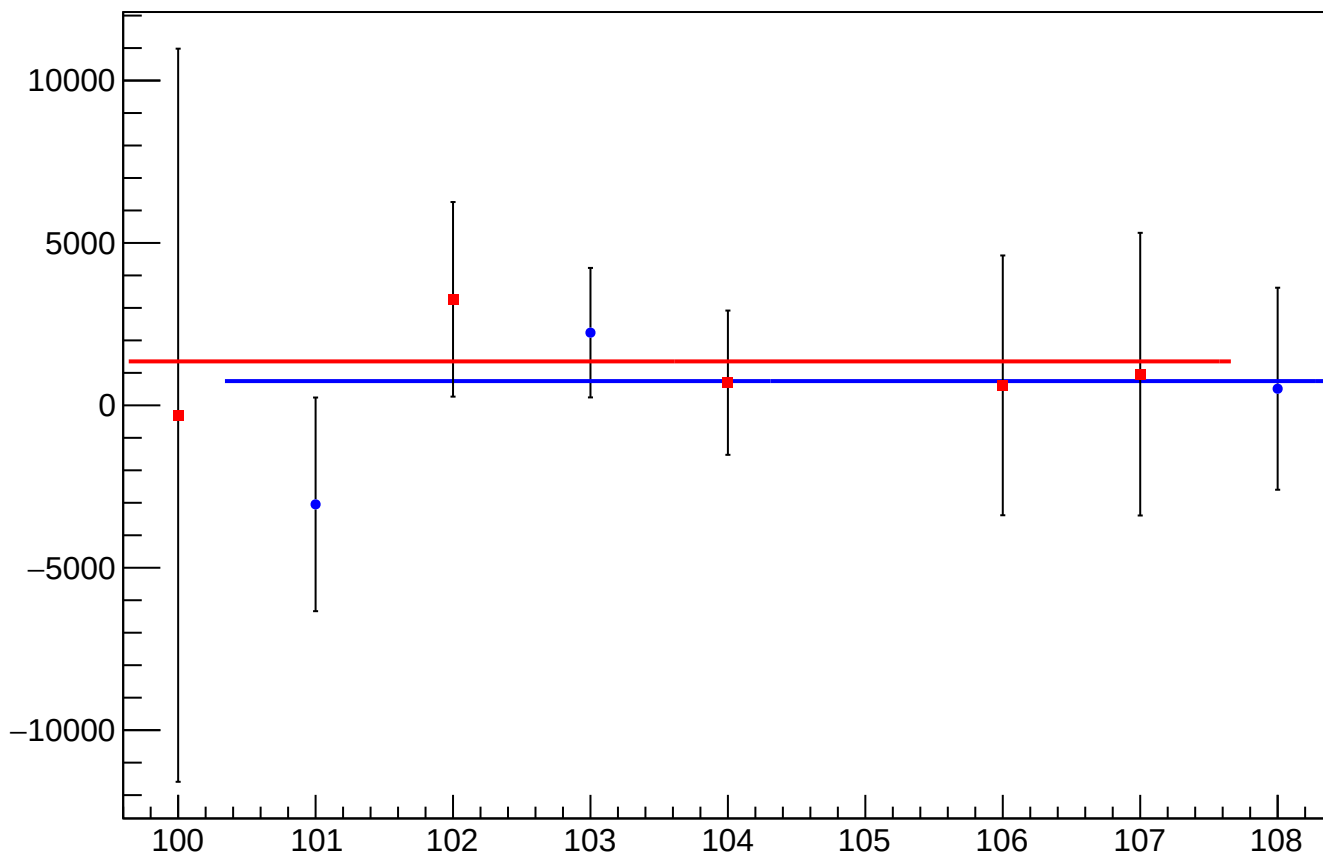
Right: 0.000+/-0.000 χ^2/NDF : 754837.5/7

In: 0.000+/-0.000 χ^2/NDF : 30193.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 754837.5/7

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 746.975+/-1494.885 χ^2/NDF : 1.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1353.267+/-1512.079 χ^2/NDF : 0.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

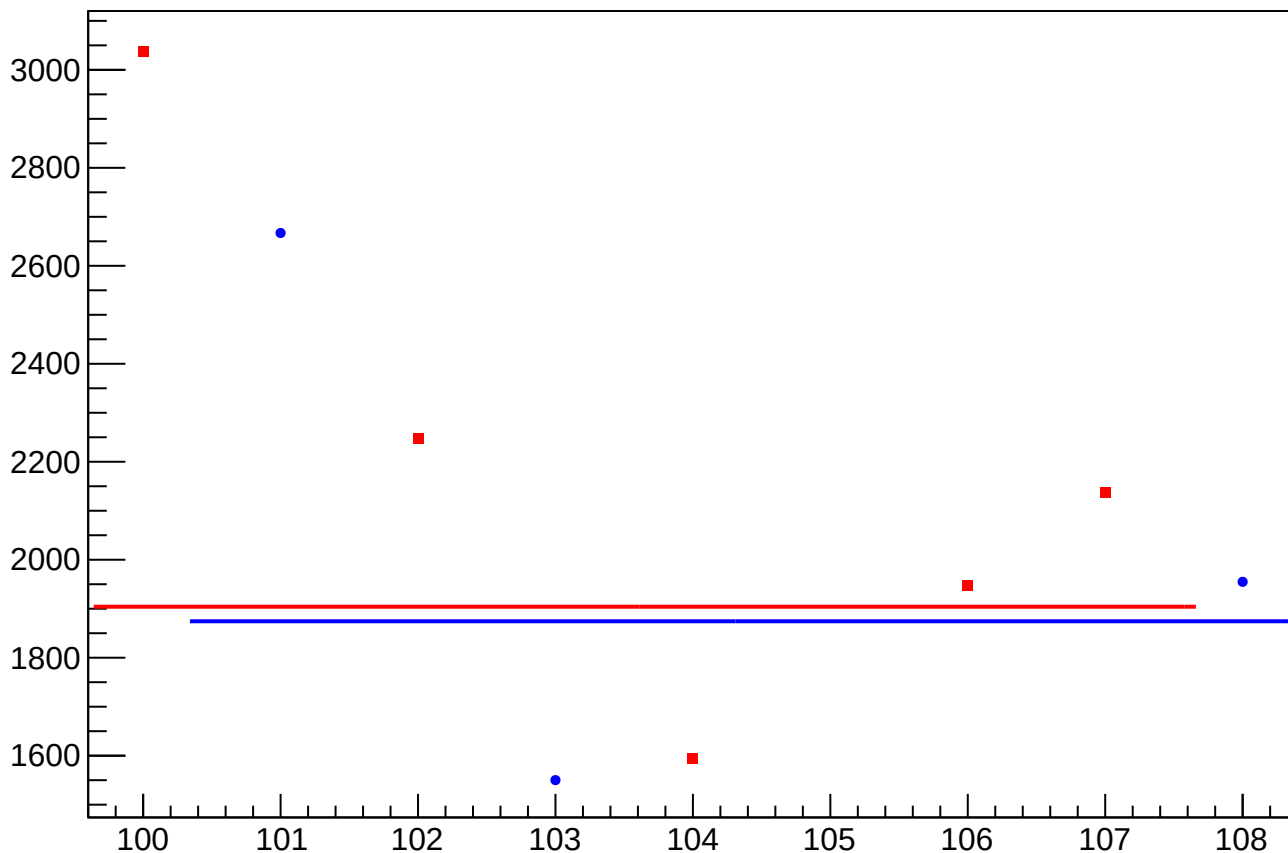
Right: 1046.654+/-1063.070 χ^2/NDF : 2.5/7

In: 746.975+/-1494.885 χ^2/NDF : 1.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1046.654+/-1063.070 χ^2/NDF : 2.5/7

reg_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1874.384+/-1.057 χ^2/NDF : 170396.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1904.099+/-1.058 χ^2/NDF : 91125.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

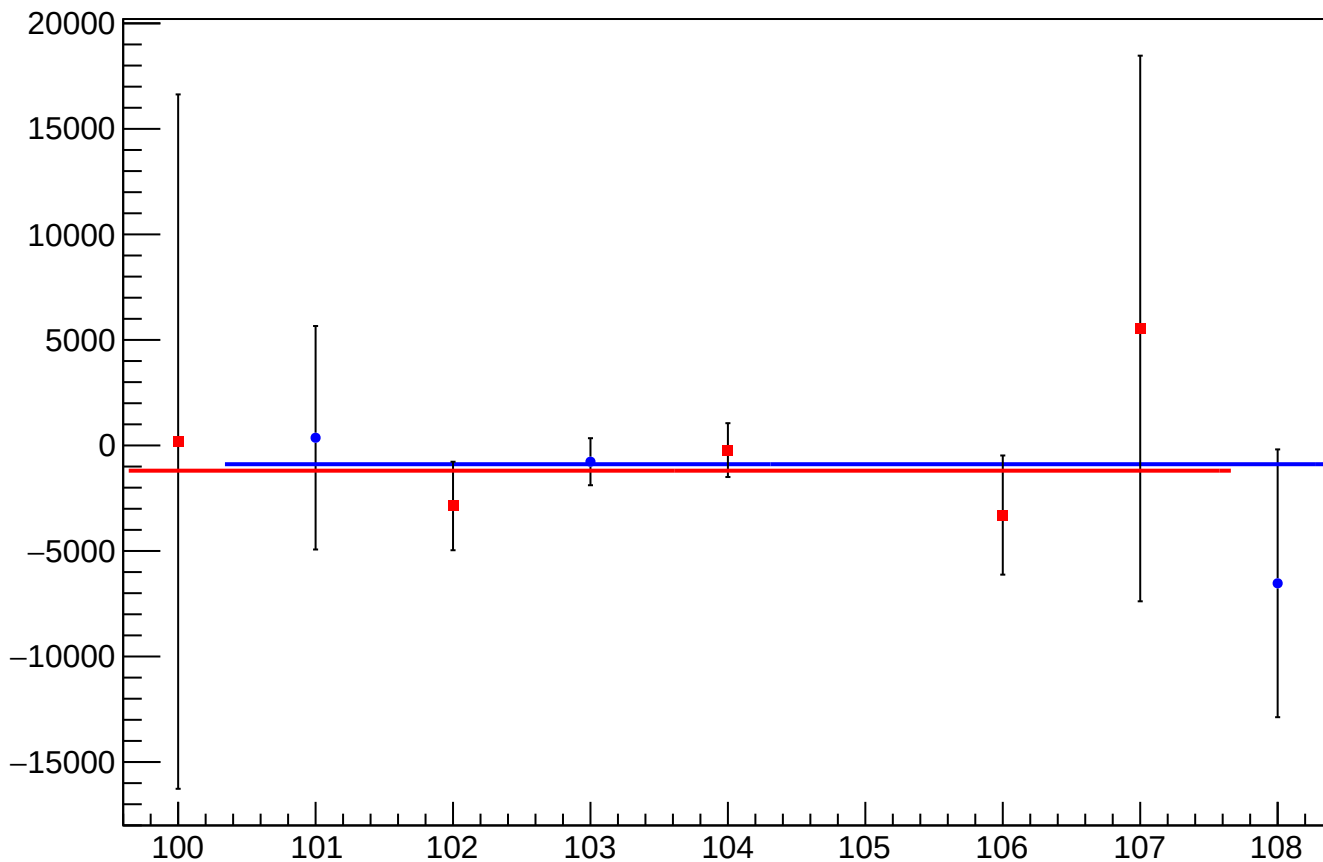
Right: 1889.228+/-0.748 χ^2/NDF : 261915.9/7

In: 1874.384+/-1.057 χ^2/NDF : 170396.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1889.228+/-0.748 χ^2/NDF : 261915.9/7

asym_atl1r2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -889.086+/-1074.736 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1195.200+/-1011.534 χ^2/NDF : 2.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

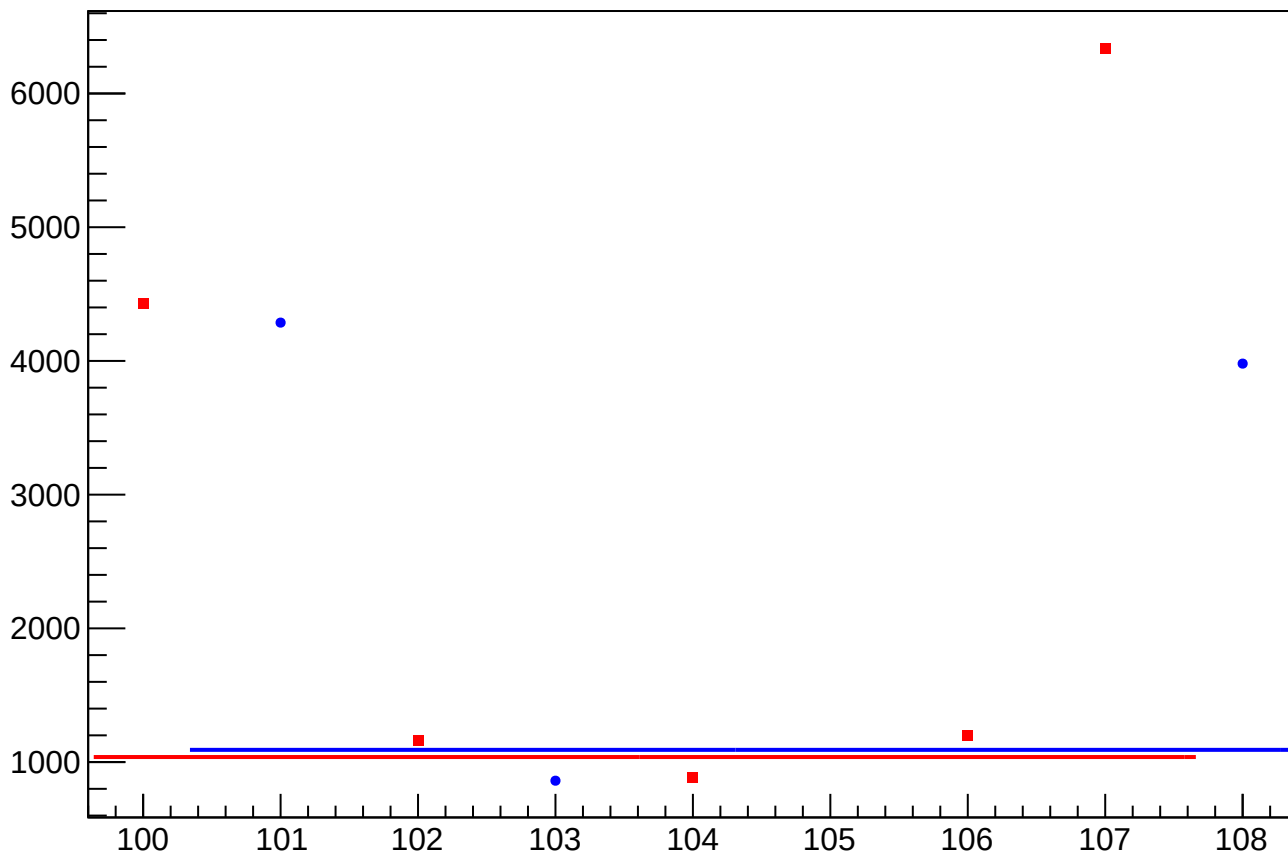
Right: -1051.408+/-736.593 χ^2/NDF : 3.0/7

In: -889.086+/-1074.736 χ^2/NDF : 0.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1051.408+/-736.593 χ^2/NDF : 3.0/7

asym_atl1r2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1091.543+/-0.760 χ^2/NDF : 1228597.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1037.868+/-0.715 χ^2/NDF : 462306.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

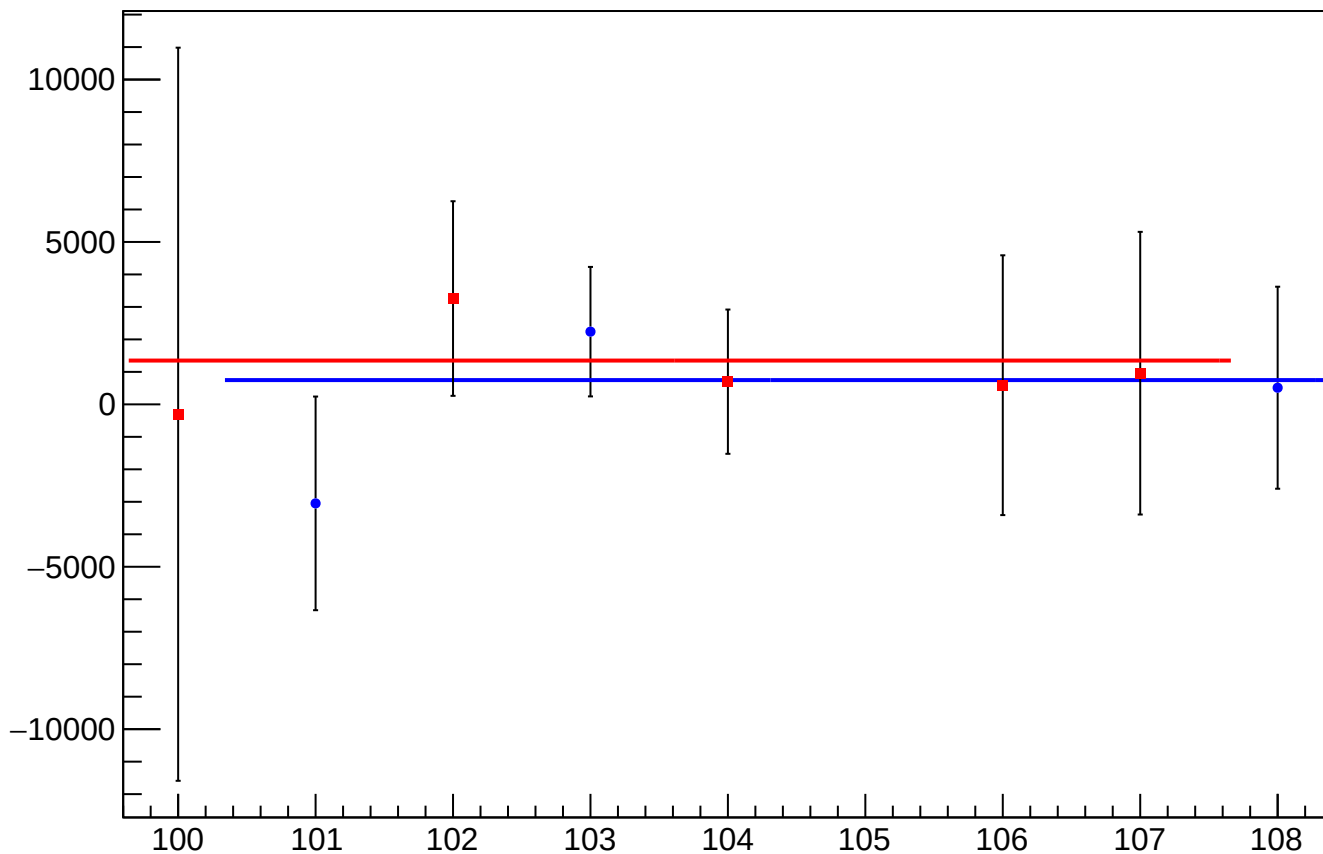
Right: 1063.081+/-0.521 χ^2/NDF : 1693549.2/7

In: 1091.543+/-0.760 χ^2/NDF : 1228597.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1063.081+/-0.521 χ^2/NDF : 1693549.2/7

cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 747.350+/-1494.885 χ^2/NDF : 1.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1348.602+/-1512.088 χ^2/NDF : 0.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

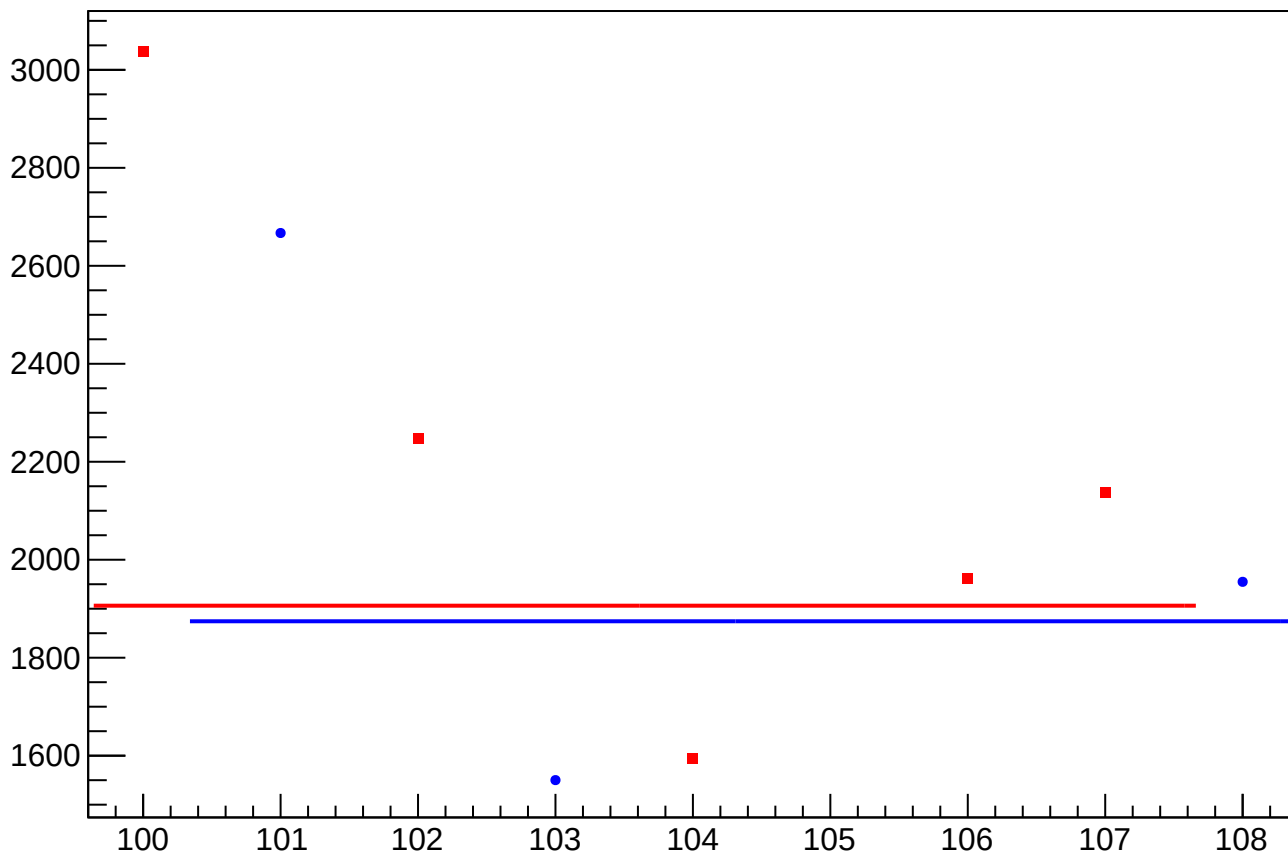
Right: 1044.536+/-1063.074 χ^2/NDF : 2.5/7

In: 747.350+/-1494.885 χ^2/NDF : 1.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1044.536+/-1063.074 χ^2/NDF : 2.5/7

cor_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1874.384+/-1.057 χ^2/NDF : 170395.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1906.191+/-1.059 χ^2/NDF : 91316.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

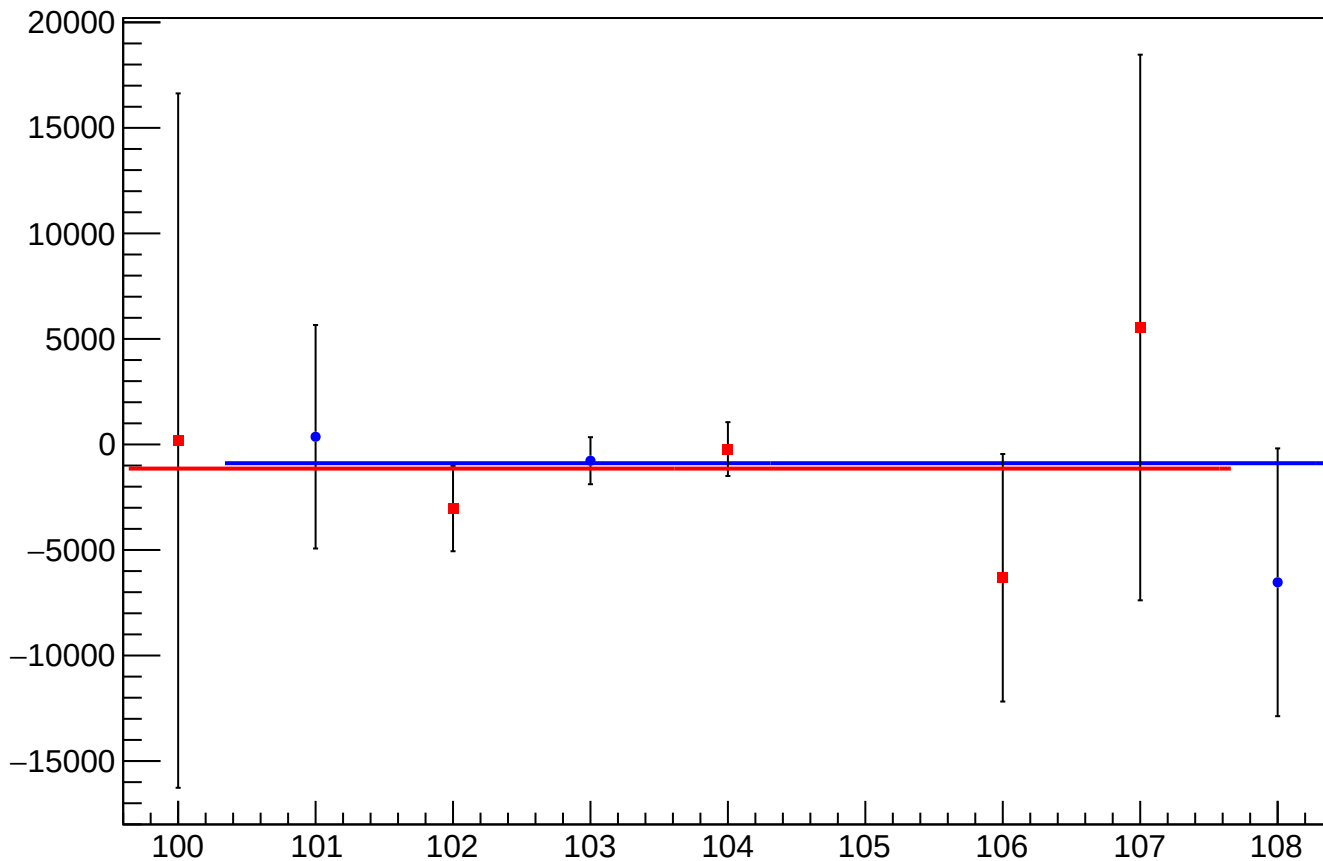
Right: 1890.257+/-0.748 χ^2/NDF : 262164.4/7

In: 1874.384+/-1.057 χ^2/NDF : 170395.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1890.257+/-0.748 χ^2/NDF : 262164.4/7

asym_atl1r2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -888.484 $\pm$ 1074.662 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1143.101 $\pm$ 1055.459 χ^2 /NDF: 2.5/4

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

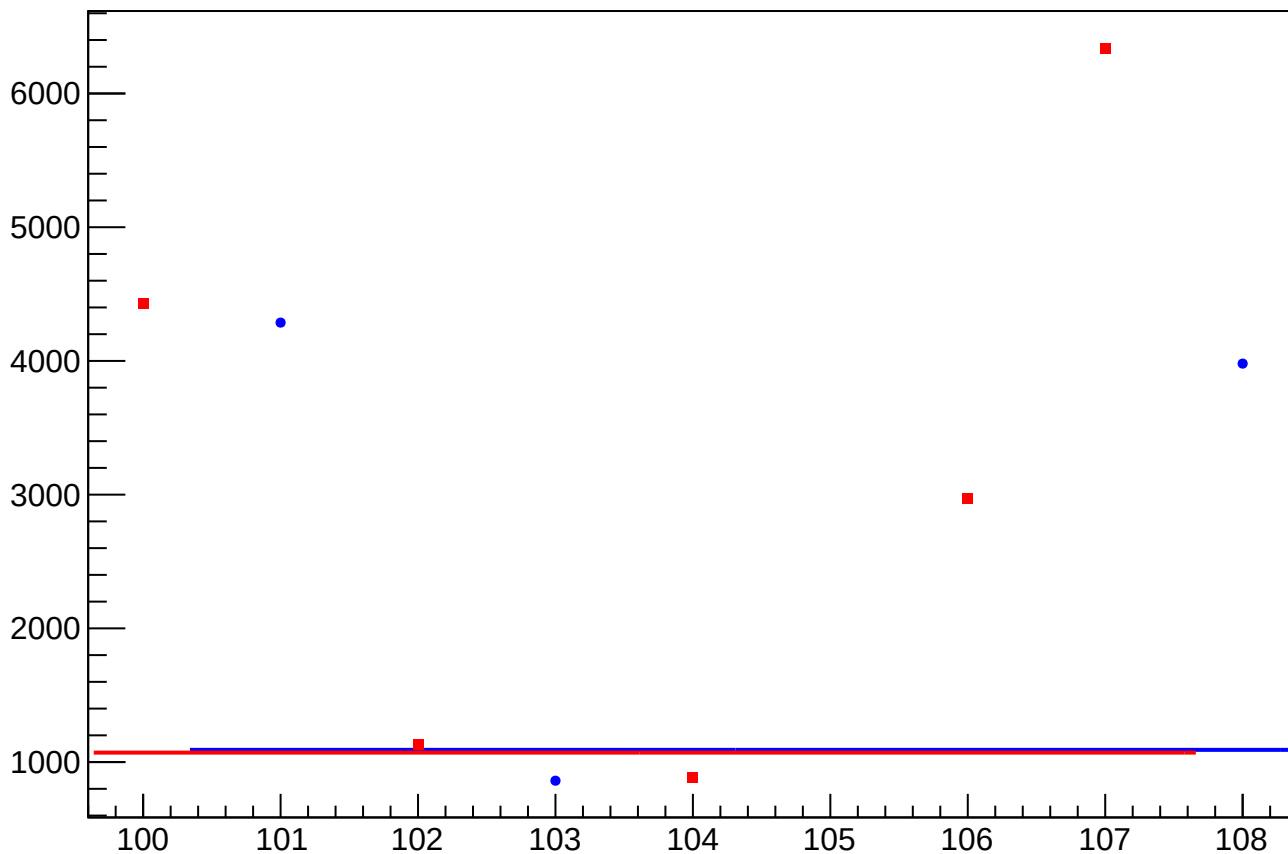
Right: -1018.088 $\pm$ 753.020 χ^2 /NDF: 3.3/7

In: -888.484 $\pm$ 1074.662 χ^2 /NDF: 0.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1018.088 $\pm$ 753.020 χ^2 /NDF: 3.3/7

asym_atl1r2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1091.459+/-0.760 χ^2/NDF : 1228652.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1070.821+/-0.746 χ^2/NDF : 667542.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

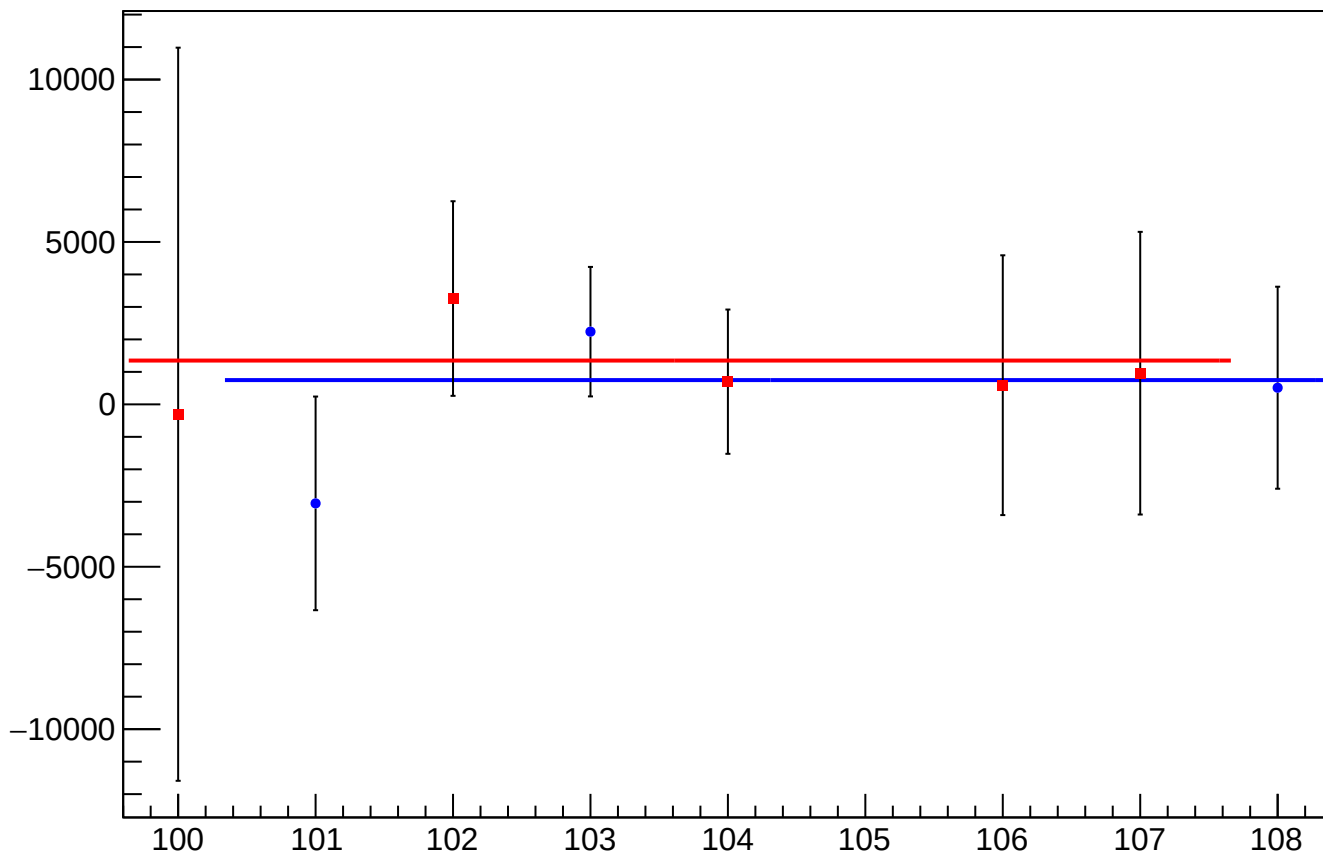
Right: 1080.954+/-0.532 χ^2/NDF : 1896570.4/7

In: 1091.459+/-0.760 χ^2/NDF : 1228652.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1080.954+/-0.532 χ^2/NDF : 1896570.4/7

eigen_cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 747.350+/-1494.885 χ^2/NDF : 1.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1348.602+/-1512.088 χ^2/NDF : 0.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

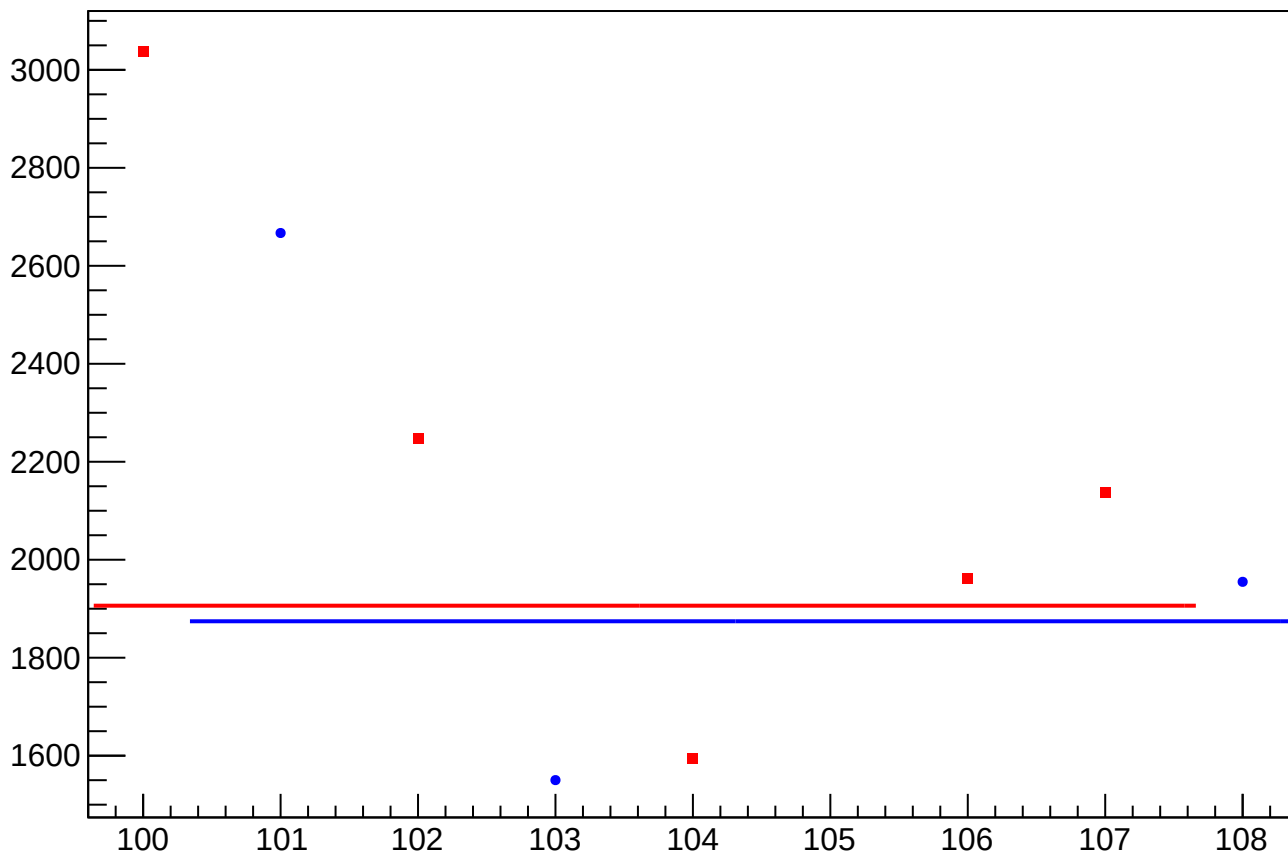
Right: 1044.536+/-1063.074 χ^2/NDF : 2.5/7

In: 747.350+/-1494.885 χ^2/NDF : 1.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1044.536+/-1063.074 χ^2/NDF : 2.5/7

eigen_cor_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1874.384+/-1.057 χ^2/NDF : 170395.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1906.191+/-1.059 χ^2/NDF : 91316.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

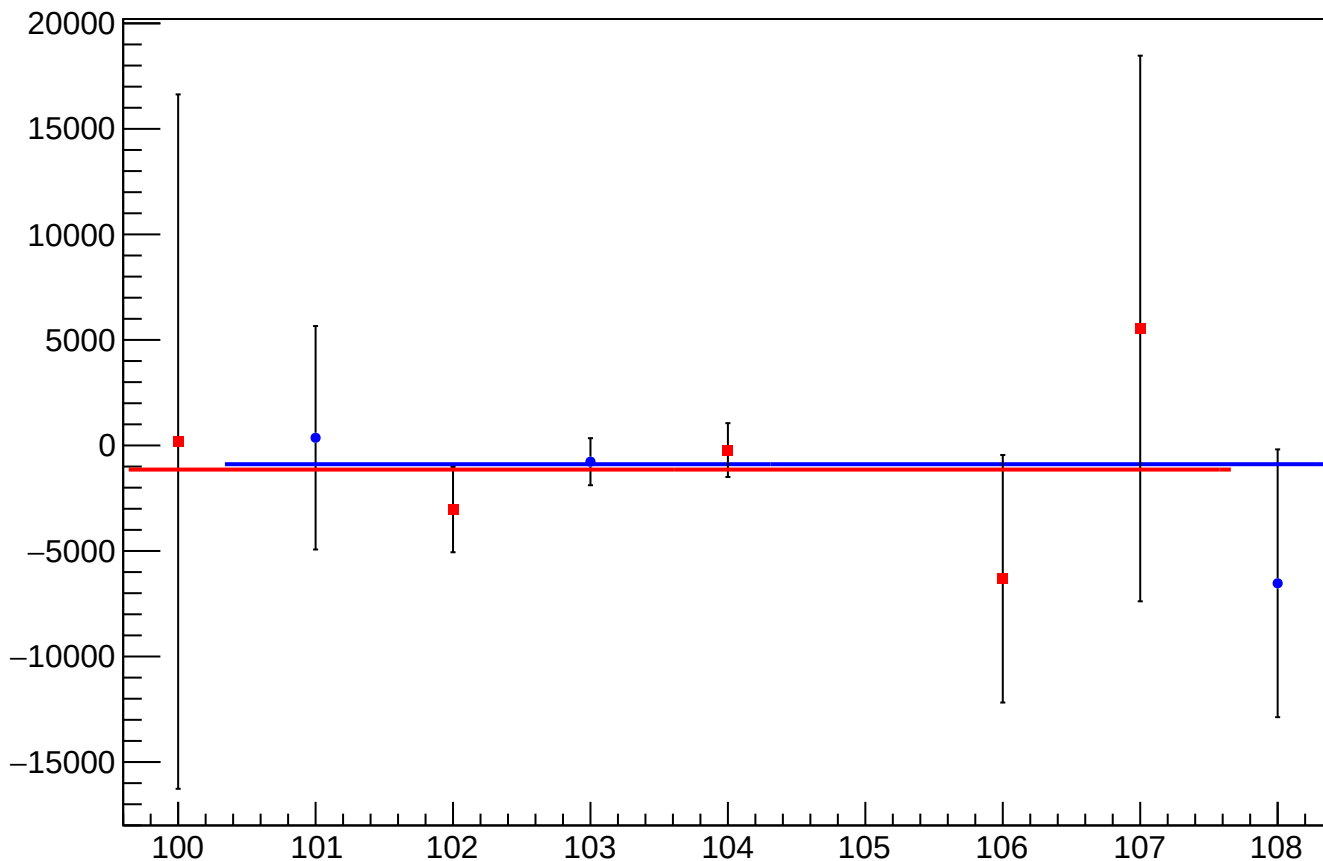
Right: 1890.257+/-0.748 χ^2/NDF : 262164.4/7

In: 1874.384+/-1.057 χ^2/NDF : 170395.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1890.257+/-0.748 χ^2/NDF : 262164.4/7

asym_atl1r2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -888.484+/-1074.662 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1143.101+/-1055.459 χ^2/NDF : 2.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

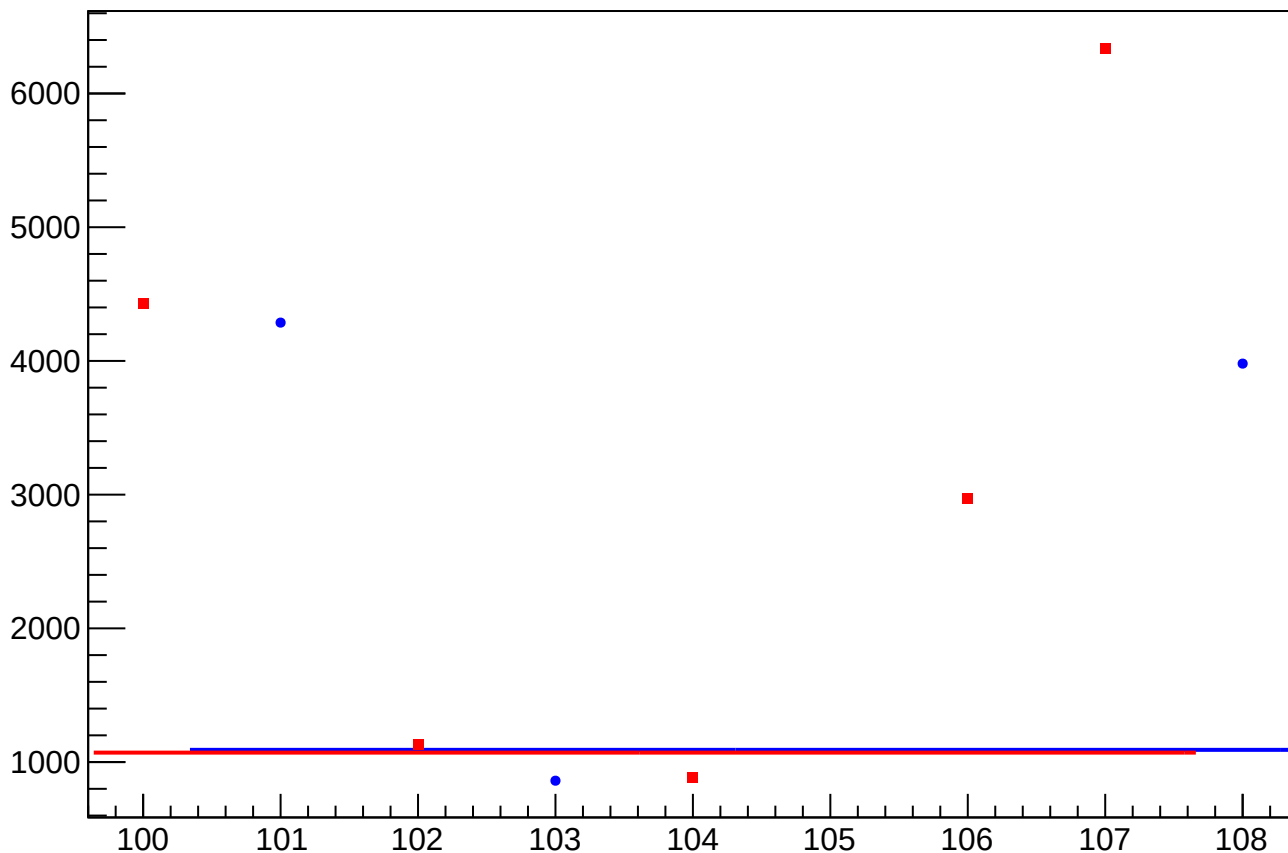
Right: -1018.088+/-753.020 χ^2/NDF : 3.3/7

In: -888.484+/-1074.662 χ^2/NDF : 0.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1018.088+/-753.020 χ^2/NDF : 3.3/7

asym_atl1r2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1091.459+/-0.760 χ^2/NDF : 1228652.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1070.821+/-0.746 χ^2/NDF : 667542.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

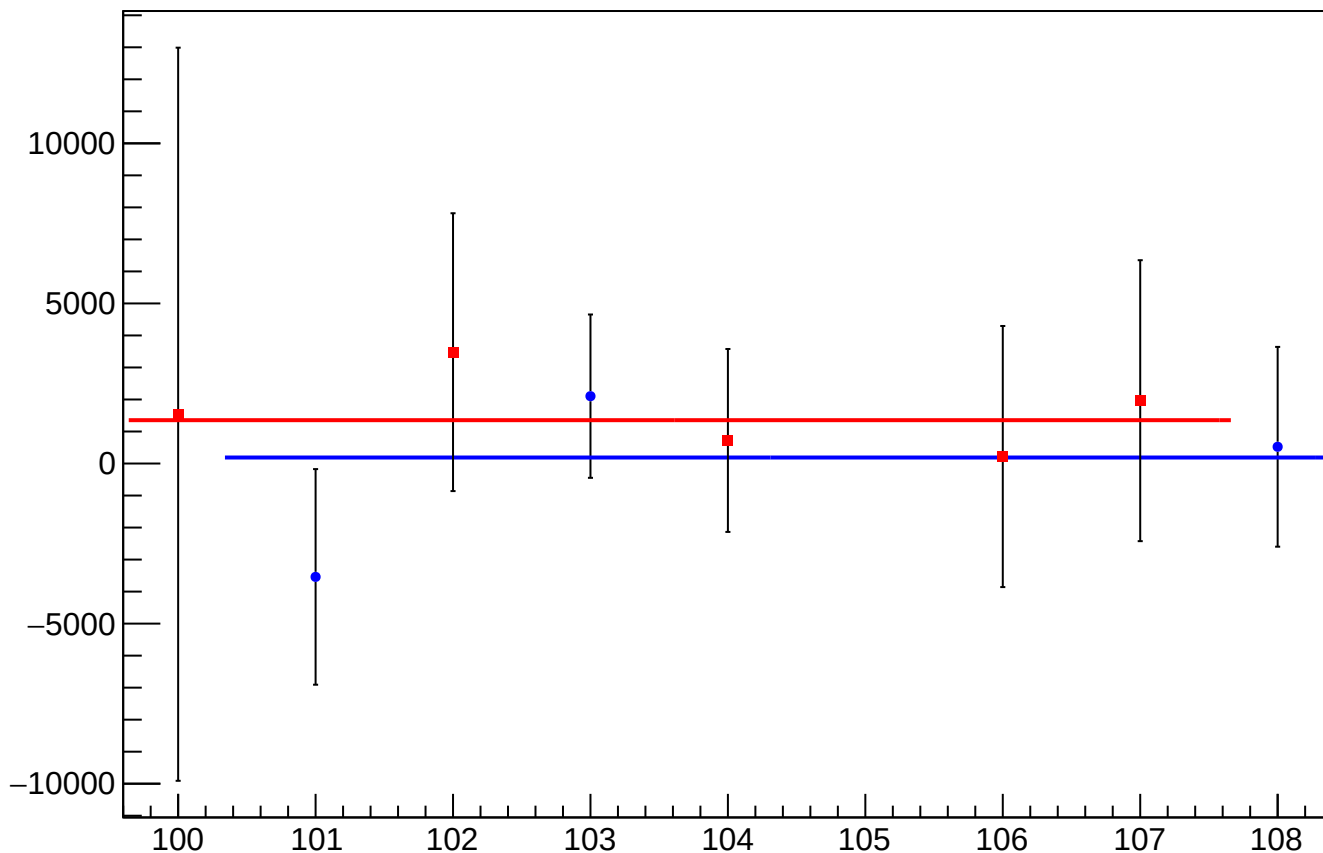
Right: 1080.954+/-0.532 χ^2/NDF : 1896570.4/7

In: 1091.459+/-0.760 χ^2/NDF : 1228652.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1080.954+/-0.532 χ^2/NDF : 1896570.4/7

dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 187.766+/-1703.453 χ^2/NDF : 1.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1353.742+/-1840.002 χ^2/NDF : 0.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

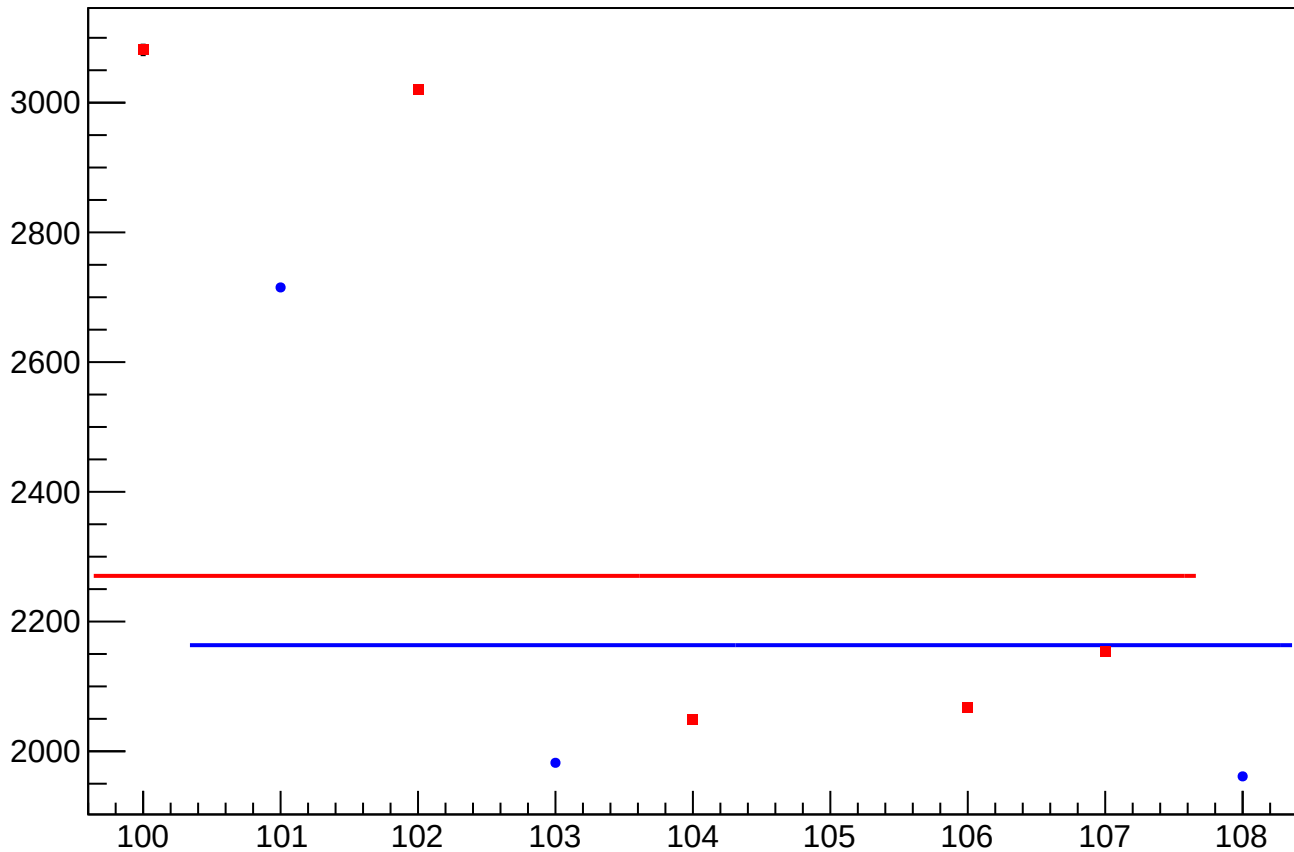
Right: 725.889+/-1250.012 χ^2/NDF : 2.4/7

In: 187.766+/-1703.453 χ^2/NDF : 1.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 725.889+/-1250.012 χ^2/NDF : 2.4/7

dit_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 2163.577+/-1.205 χ^2/NDF : 72177.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2270.429+/-1.294 χ^2/NDF : 88514.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

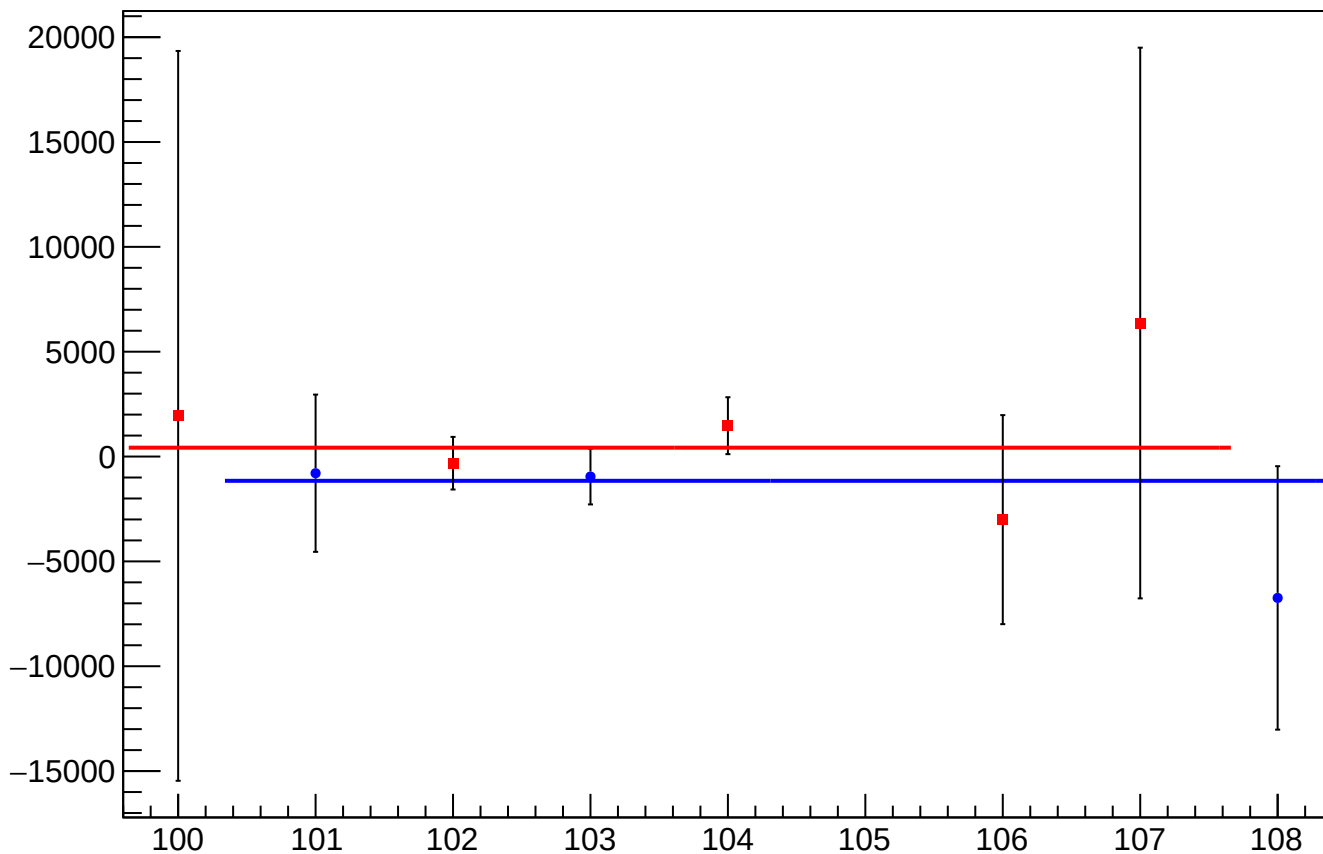
Right: 2213.173+/-0.882 χ^2/NDF : 164344.3/7

In: 2163.577+/-1.205 χ^2/NDF : 72177.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2213.173+/-0.882 χ^2/NDF : 164344.3/7

asym_atl1r2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1157.593+/-1229.551 χ^2/NDF : 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 423.028+/-902.611 χ^2/NDF : 1.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

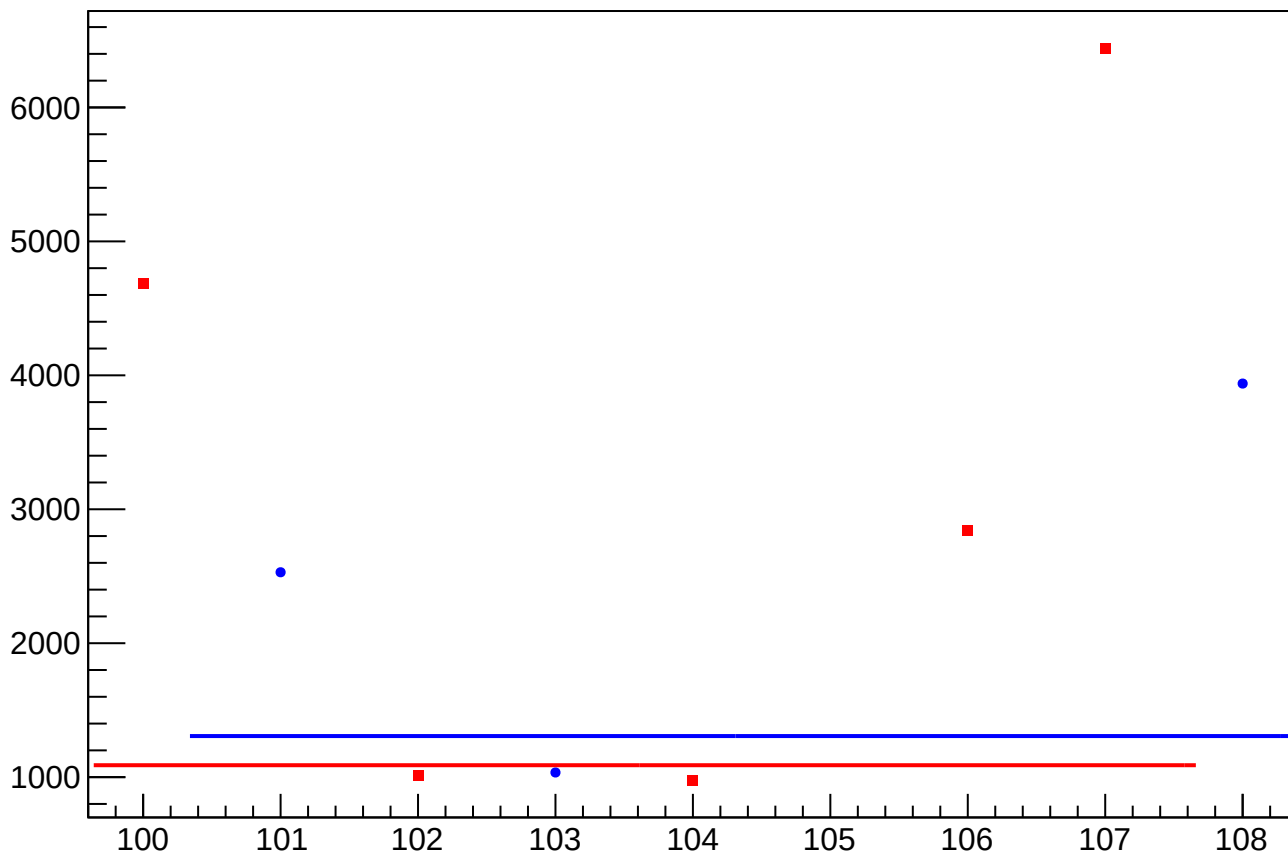
Right: -130.482+/-727.605 χ^2/NDF : 3.5/7

In: -1157.593+/-1229.551 χ^2/NDF : 0.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -130.482+/-727.605 χ^2/NDF : 3.5/7

asym_atl1r2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1306.799+/-0.869 χ^2/NDF : 647341.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1089.131+/-0.638 χ^2/NDF : 687186.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

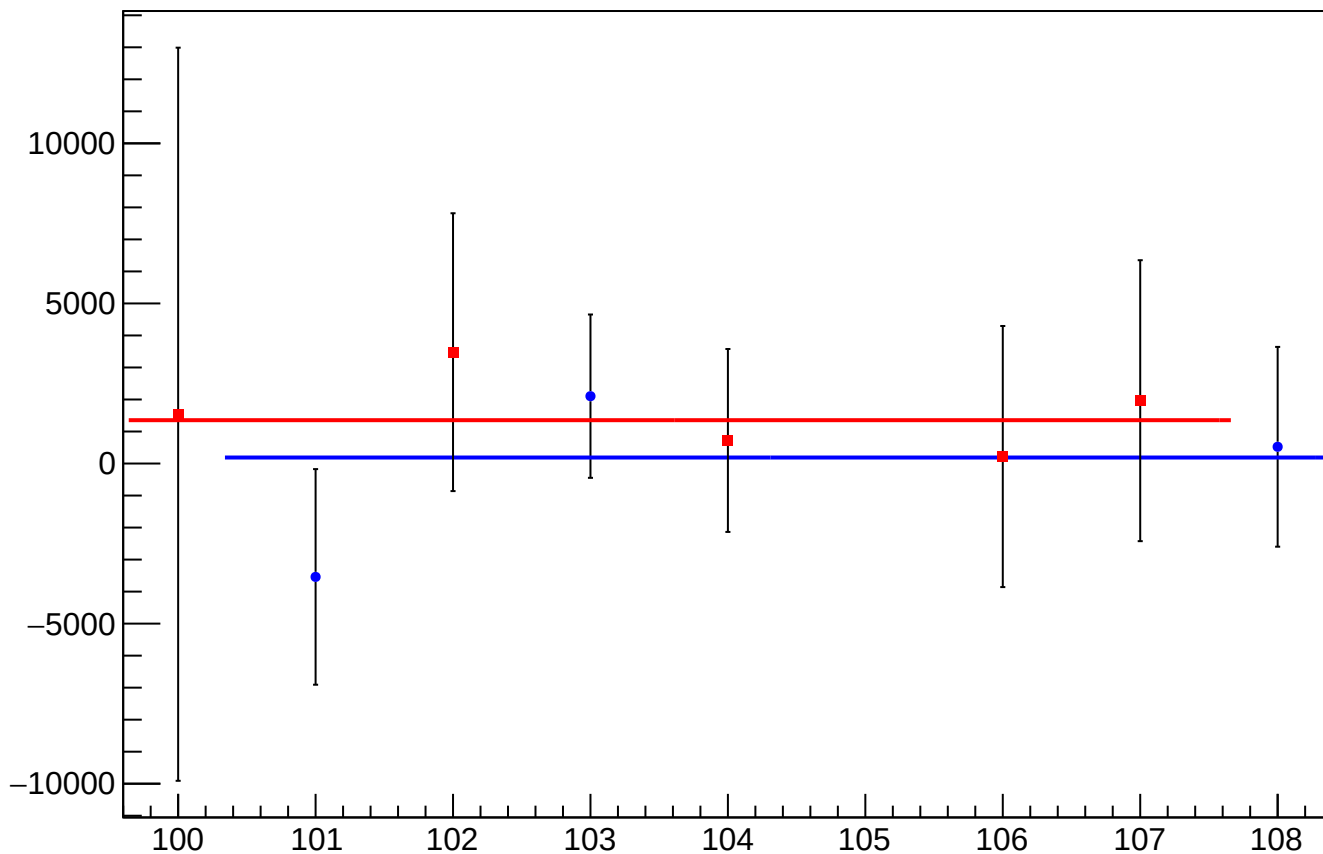
Right: 1165.355+/-0.514 χ^2/NDF : 1375258.2/7

In: 1306.799+/-0.869 χ^2/NDF : 647341.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1165.355+/-0.514 χ^2/NDF : 1375258.2/7

eigen_dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 187.756+/-1703.451 χ^2/NDF : 1.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1353.743+/-1840.000 χ^2/NDF : 0.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

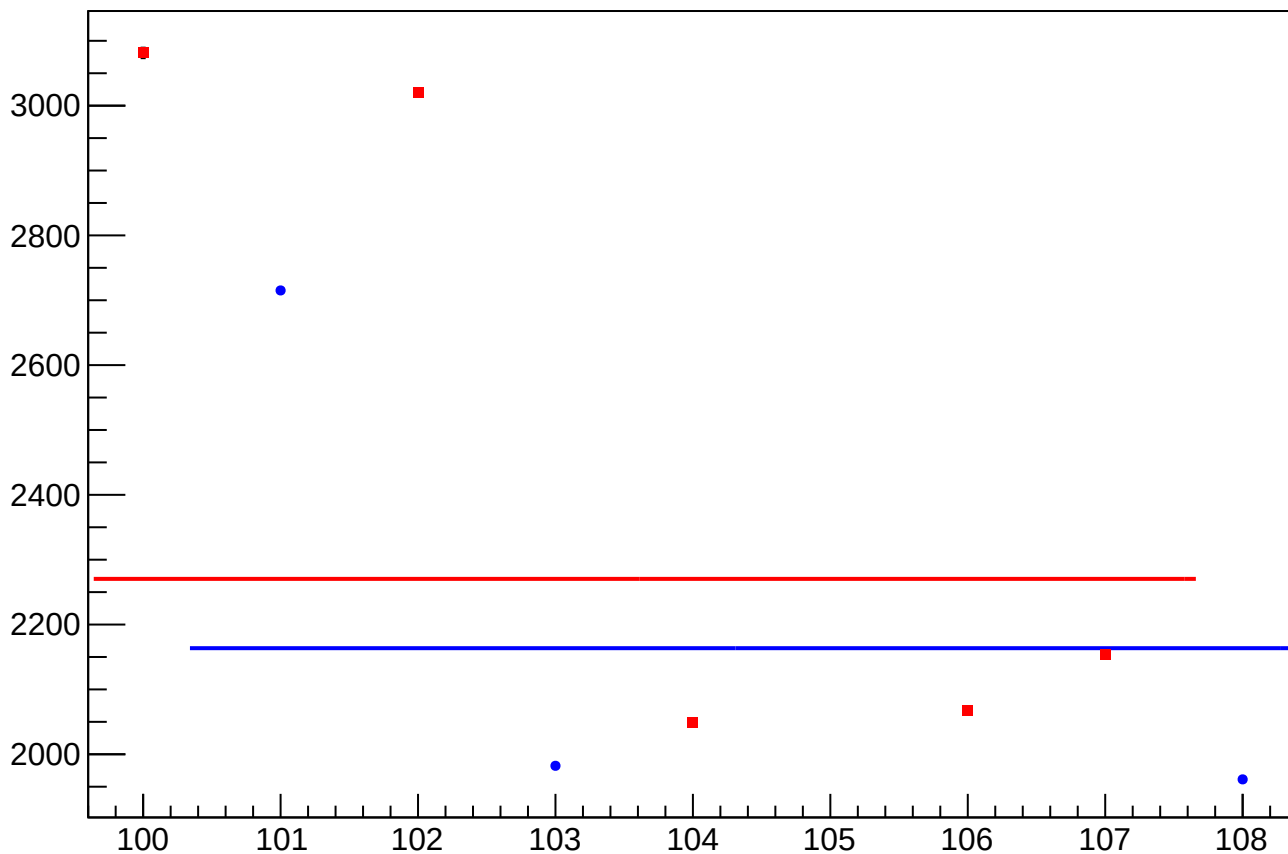
Right: 725.884+/-1250.011 χ^2/NDF : 2.4/7

In: 187.756+/-1703.451 χ^2/NDF : 1.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 725.884+/-1250.011 χ^2/NDF : 2.4/7

eigen_dit_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 2163.575+/-1.205 χ^2/NDF : 72177.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2270.426+/-1.294 χ^2/NDF : 88514.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

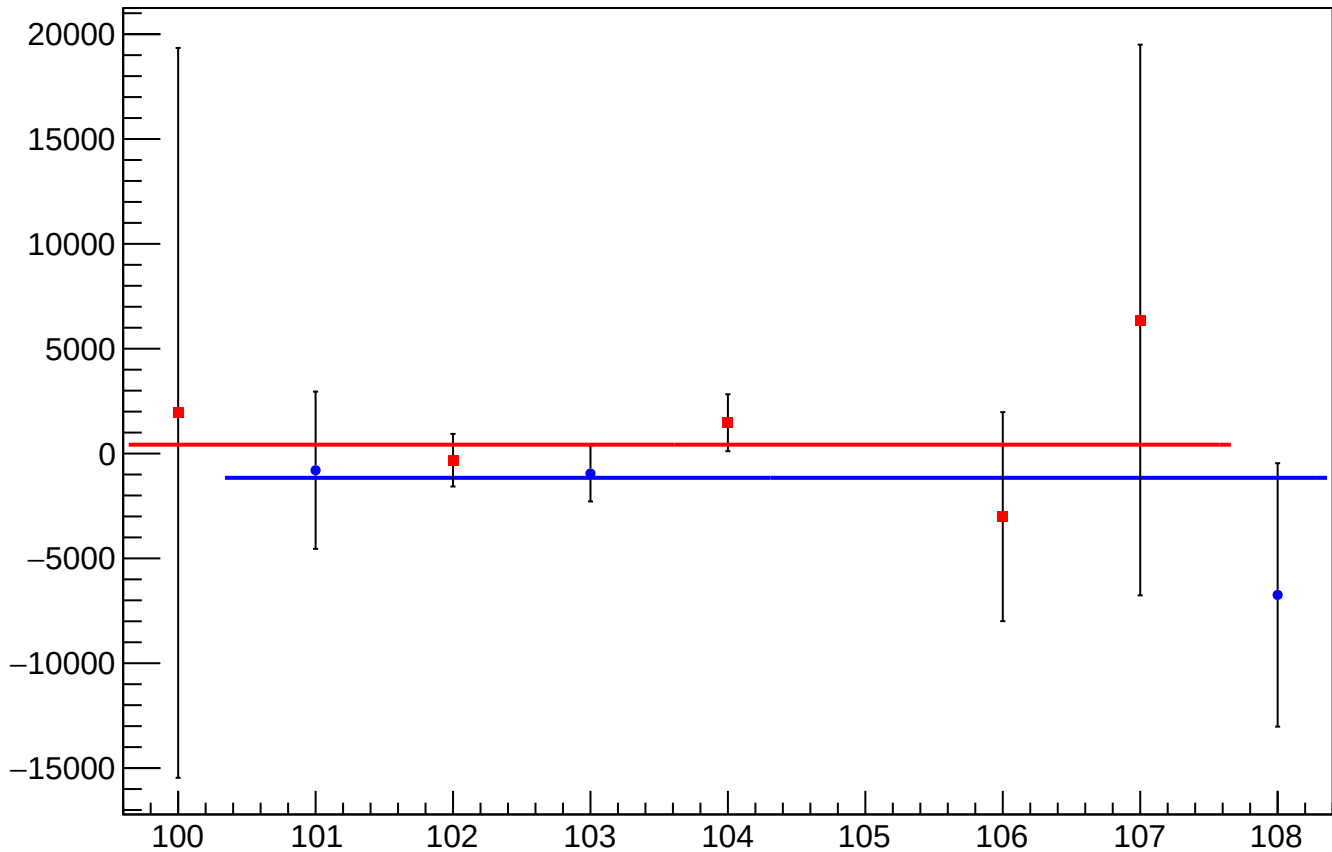
Right: 2213.171+/-0.882 χ^2/NDF : 164344.5/7

In: 2163.575+/-1.205 χ^2/NDF : 72177.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2213.171+/-0.882 χ^2/NDF : 164344.5/7

asym_atl1r2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1157.598 $\pm$ 1229.550 χ^2 /NDF: 0.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 423.023 $\pm$ 902.611 χ^2 /NDF: 1.6/4

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

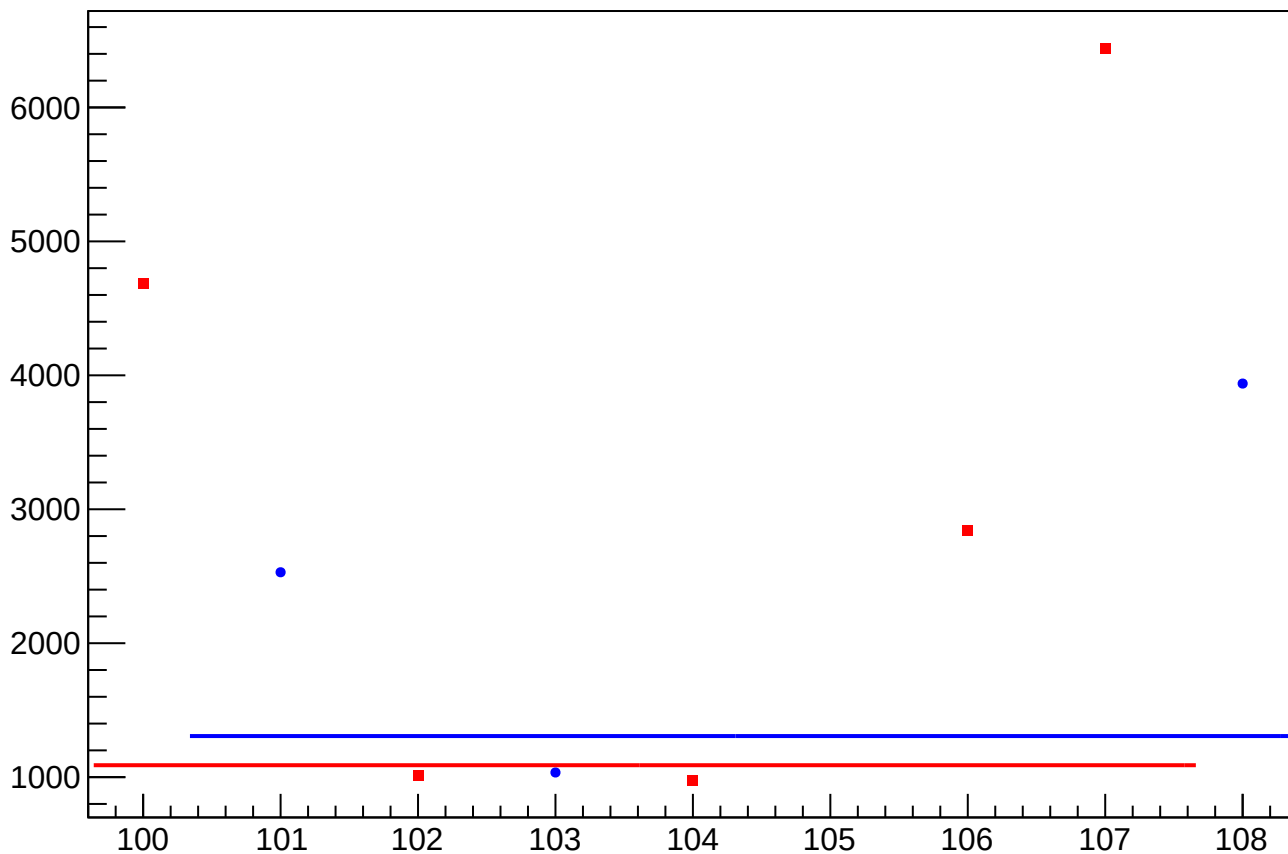
Right: -130.487 $\pm$ 727.604 χ^2 /NDF: 3.5/7

In: -1157.598 $\pm$ 1229.550 χ^2 /NDF: 0.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -130.487 $\pm$ 727.604 χ^2 /NDF: 3.5/7

asym_atl1r2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1306.798+/-0.869 χ^2/NDF : 647341.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1089.130+/-0.638 χ^2/NDF : 687185.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

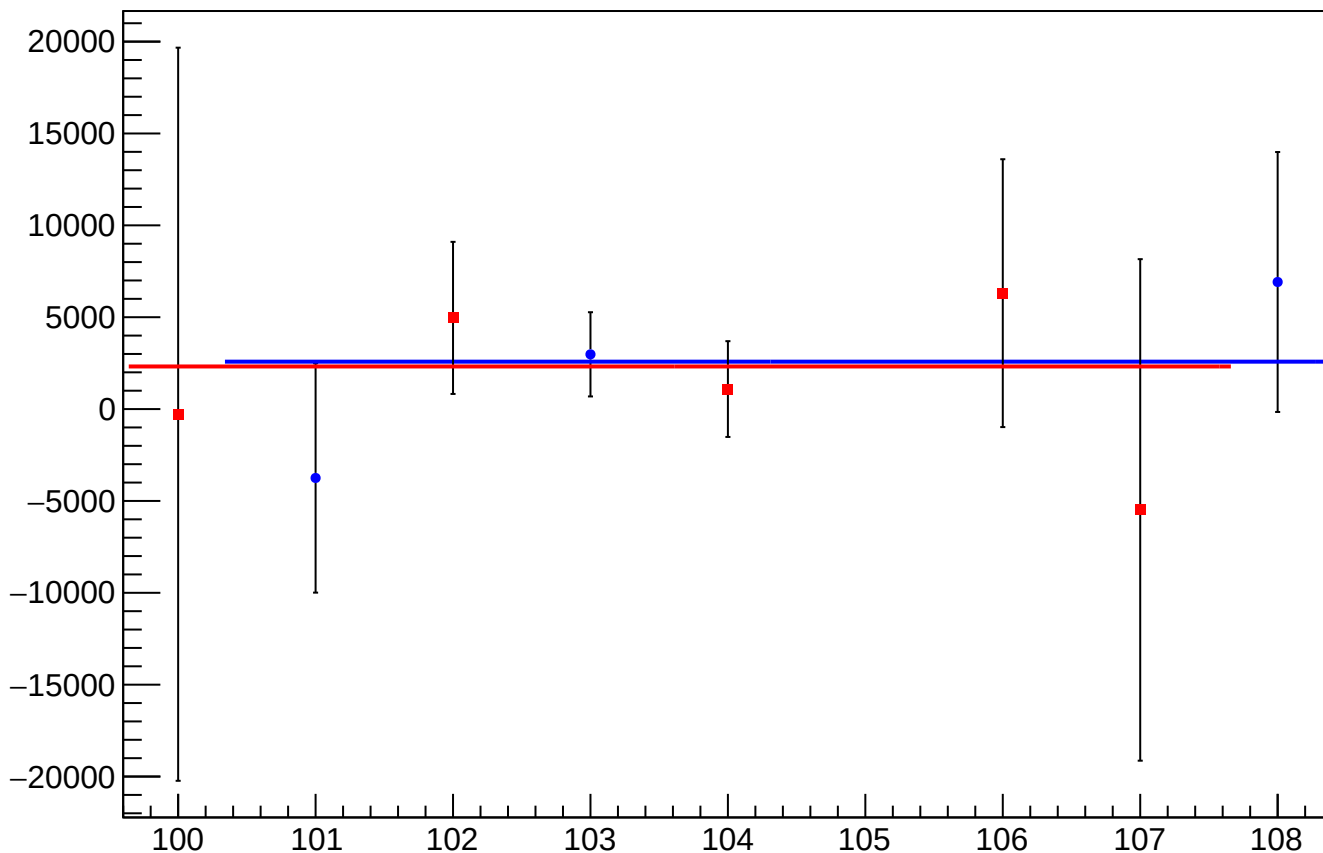
Right: 1165.354+/-0.514 χ^2/NDF : 1375257.9/7

In: 1306.798+/-0.869 χ^2/NDF : 647341.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1165.354+/-0.514 χ^2/NDF : 1375257.9/7

asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2580.968+/-2058.315 χ^2/NDF : 1.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2319.055+/-2075.001 χ^2/NDF : 1.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

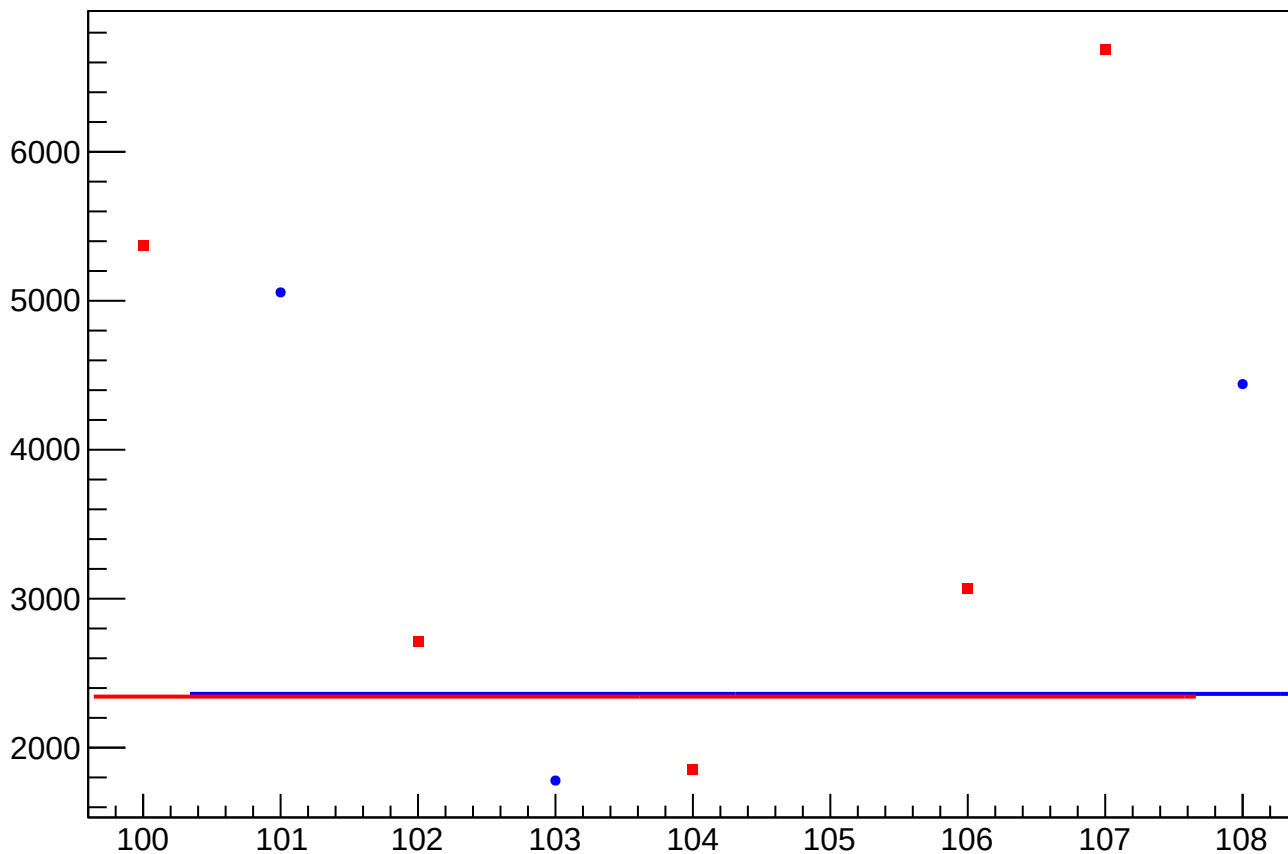
Right: 2451.069+/-1461.312 χ^2/NDF : 2.7/7

In: 2580.968+/-2058.315 χ^2/NDF : 1.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2451.069+/-1461.312 χ^2/NDF : 2.7/7

asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 2360.939+/-1.455 χ^2/NDF : 674845.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2342.715+/-1.441 χ^2/NDF : 365250.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

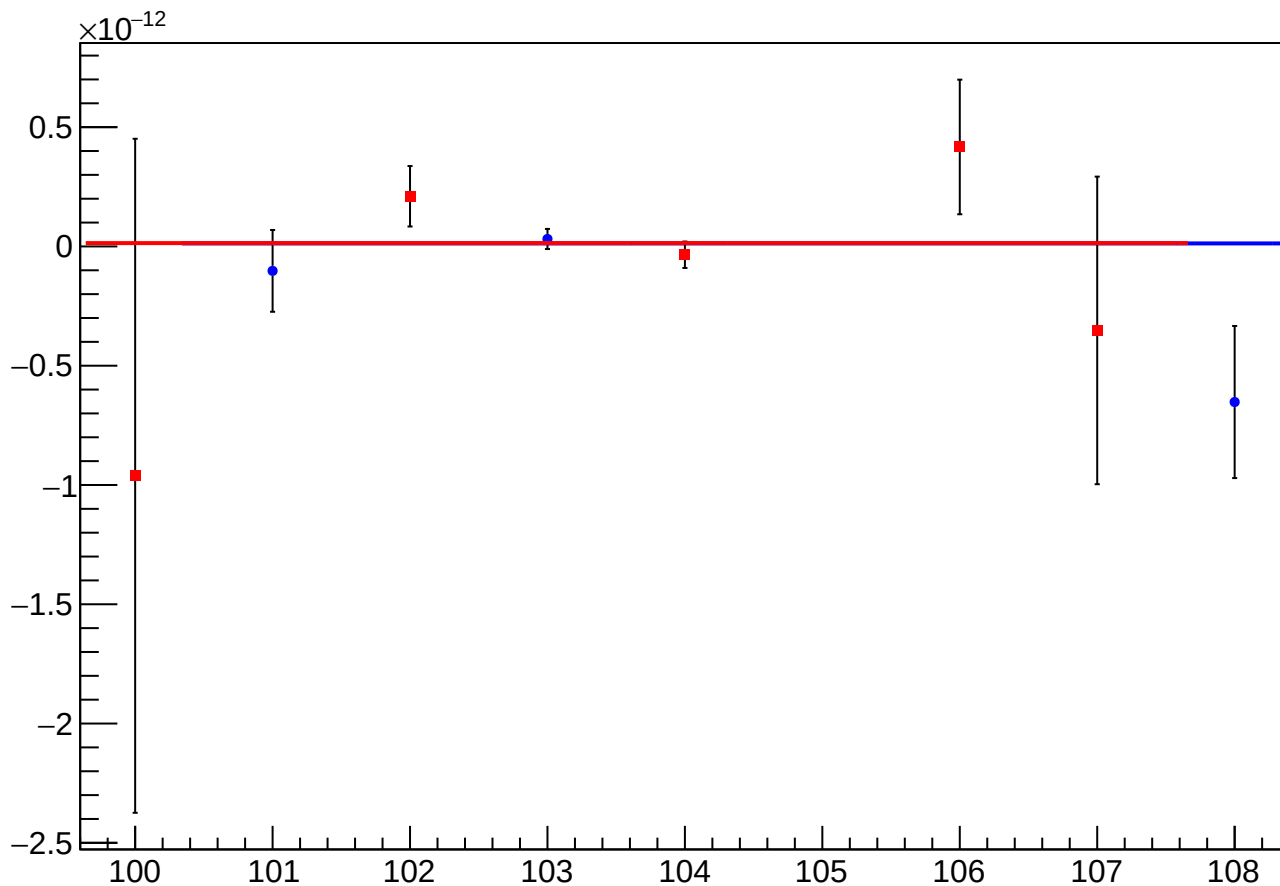
Right: 2351.738+/-1.024 χ^2/NDF : 1040175.9/7

In: 2360.939+/-1.455 χ^2/NDF : 674845.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2351.738+/-1.024 χ^2/NDF : 1040175.9/7

asym_atl1r2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

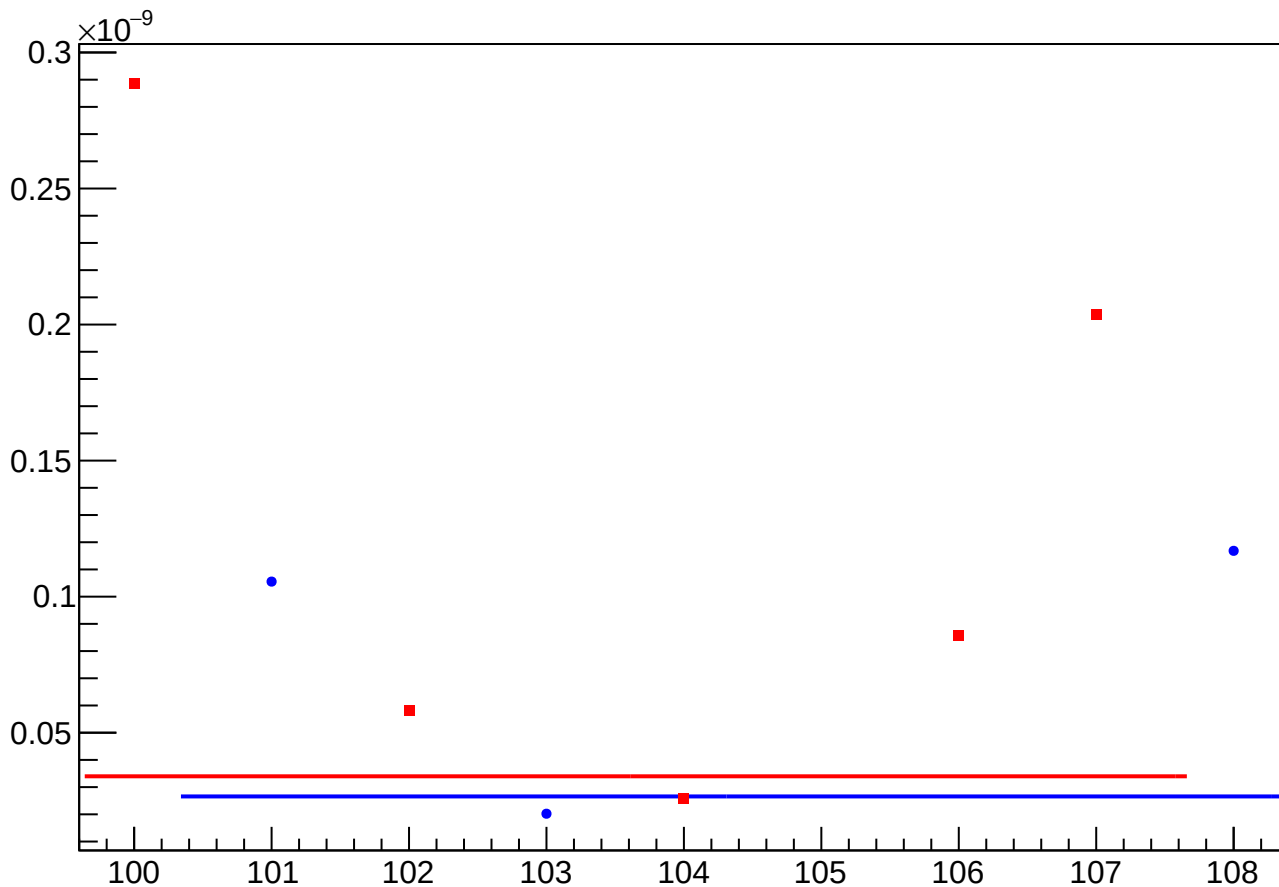
Right: 0.000+/-0.000 χ^2/NDF : 11.0/7

In: 0.000+/-0.000 χ^2/NDF : 5.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.0/7

asym_atl1r2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 629814.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 389948.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

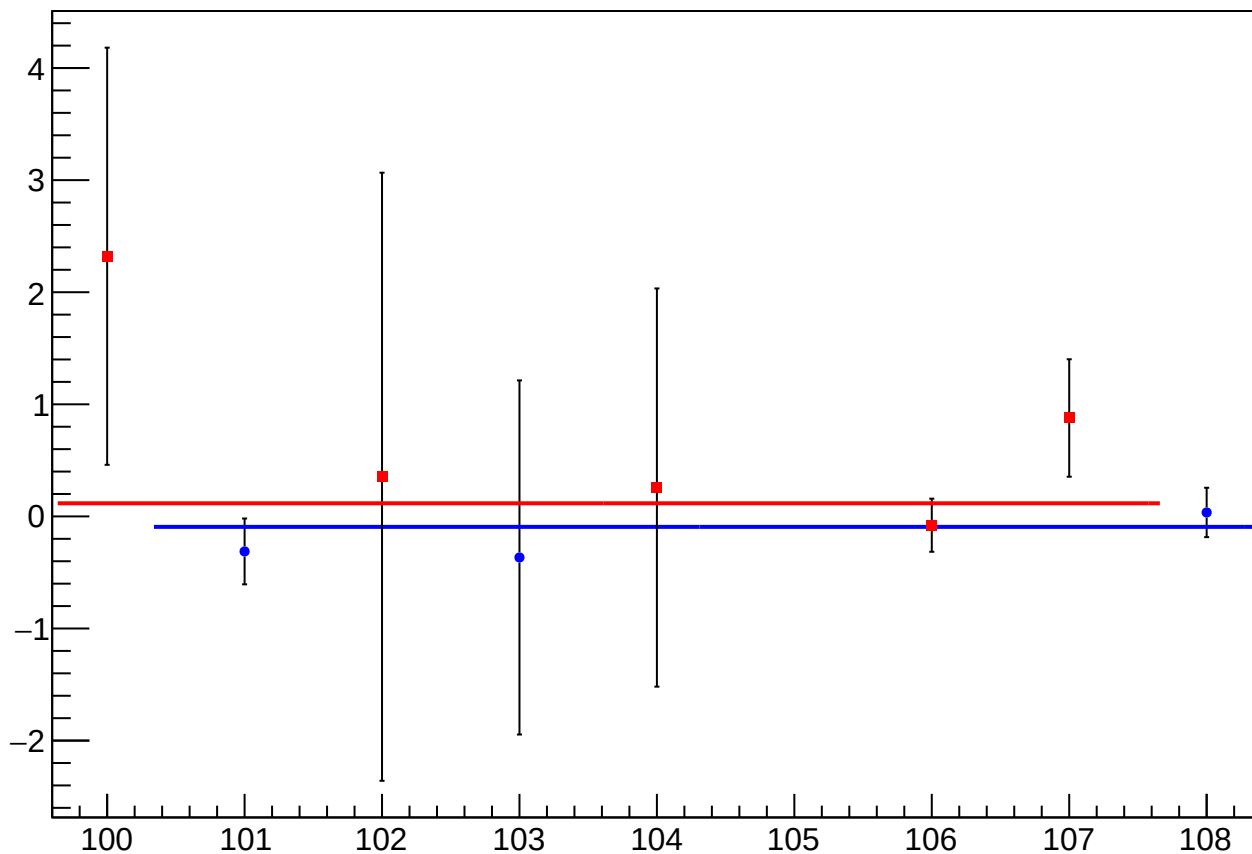
Right: 0.000+/-0.000 χ^2/NDF : 1046297.5/7

In: 0.000+/-0.000 χ^2/NDF : 629814.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1046297.5/7

asym_atl1r2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.093 $\pm$ 0.175 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.117 $\pm$ 0.212 χ^2 /NDF: 4.2/4

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

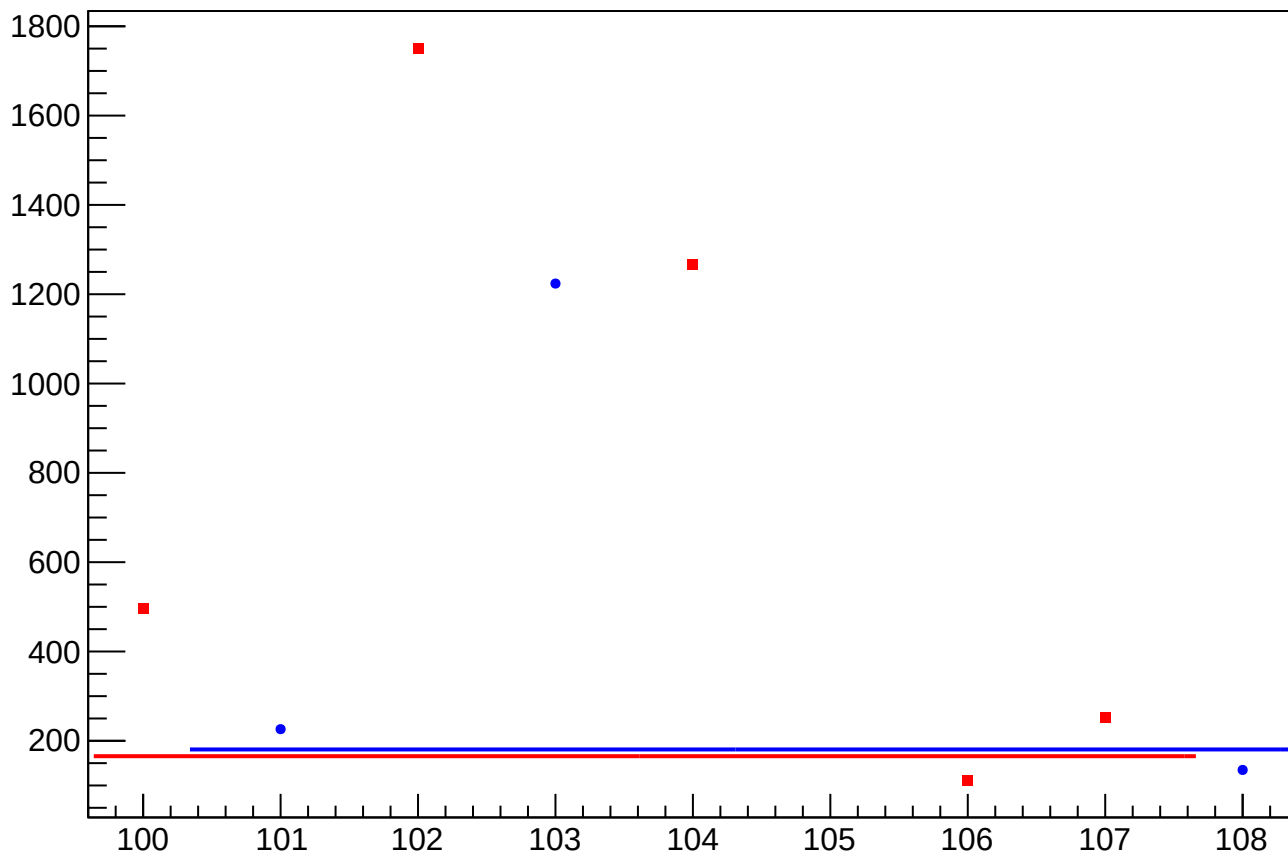
Right: -0.008 $\pm$ 0.135 χ^2 /NDF: 5.7/7

In: -0.093 $\pm$ 0.175 χ^2 /NDF:0.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.135 χ^2 /NDF: 5.7/7

asym_atl1r2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 180.661+/-0.124 χ^2/NDF : 1006981.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.567+/-0.150 χ^2/NDF : 1678523.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

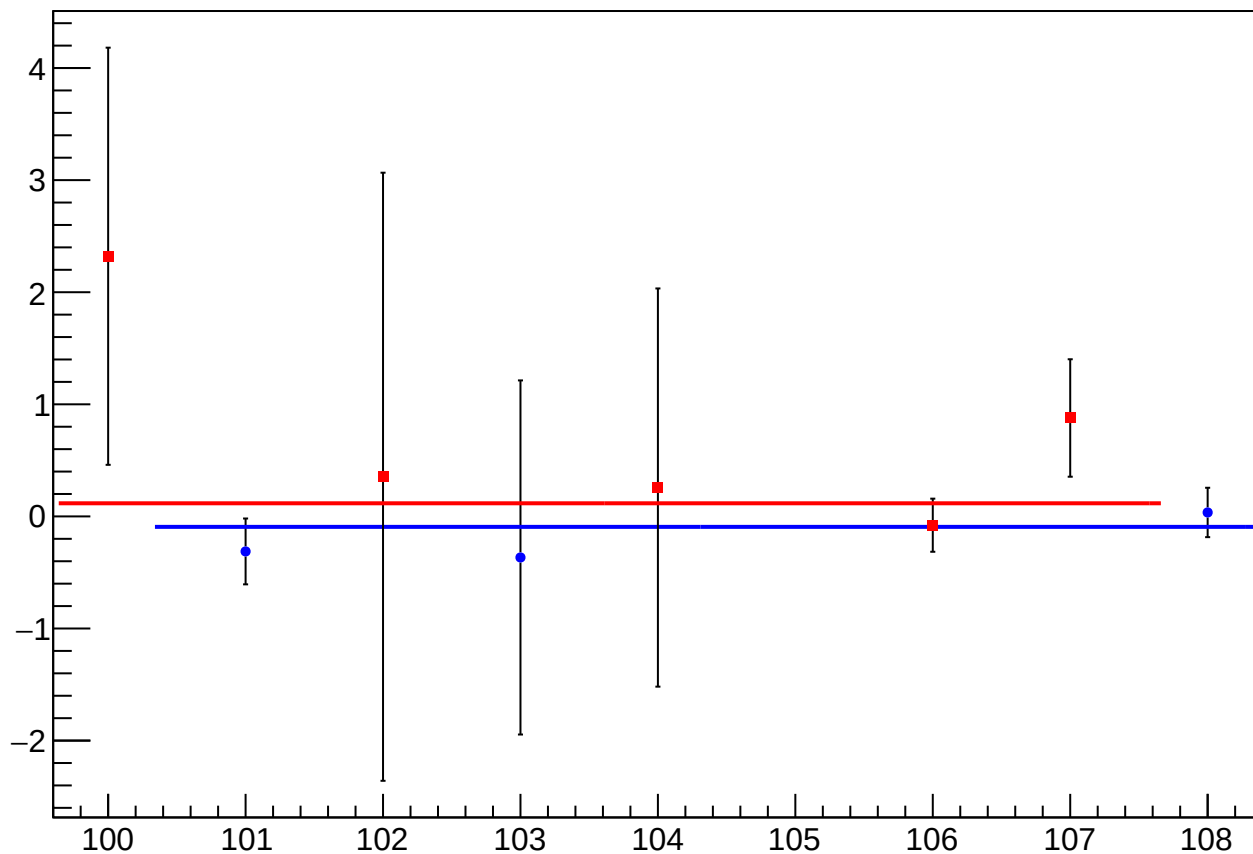
Right: 174.546+/-0.096 χ^2/NDF : 2691523.4/7

In: 180.661+/-0.124 χ^2/NDF : 1006981.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.546+/-0.096 χ^2/NDF : 2691523.4/7

asym_atl1r2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.093+/-0.175 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.117+/-0.212 χ^2/NDF : 4.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

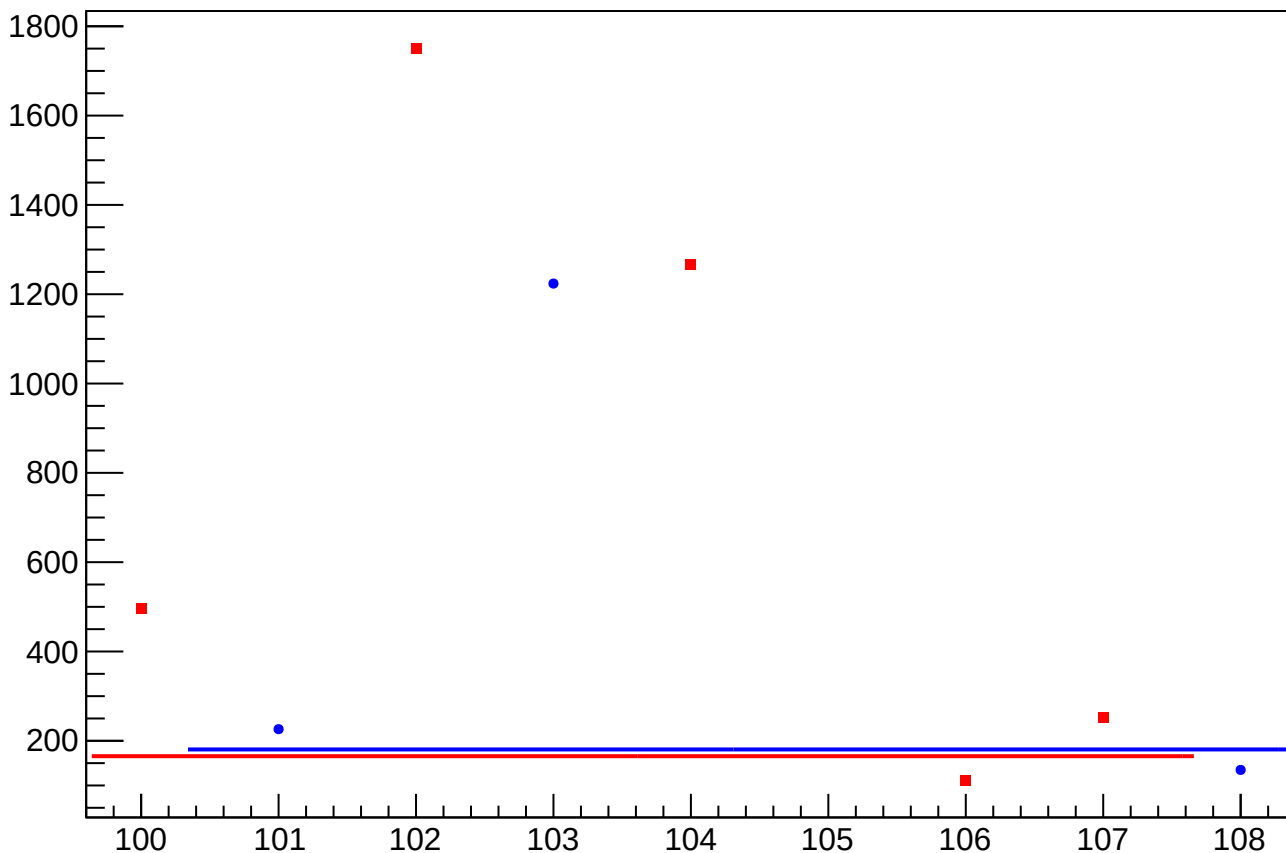
Right: -0.008+/-0.135 χ^2/NDF : 5.7/7

In: -0.093+/-0.175 χ^2/NDF : 0.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.135 χ^2/NDF : 5.7/7

asym_atl1r2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 180.661+/-0.124 χ^2/NDF : 1006981.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.567+/-0.150 χ^2/NDF : 1678523.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

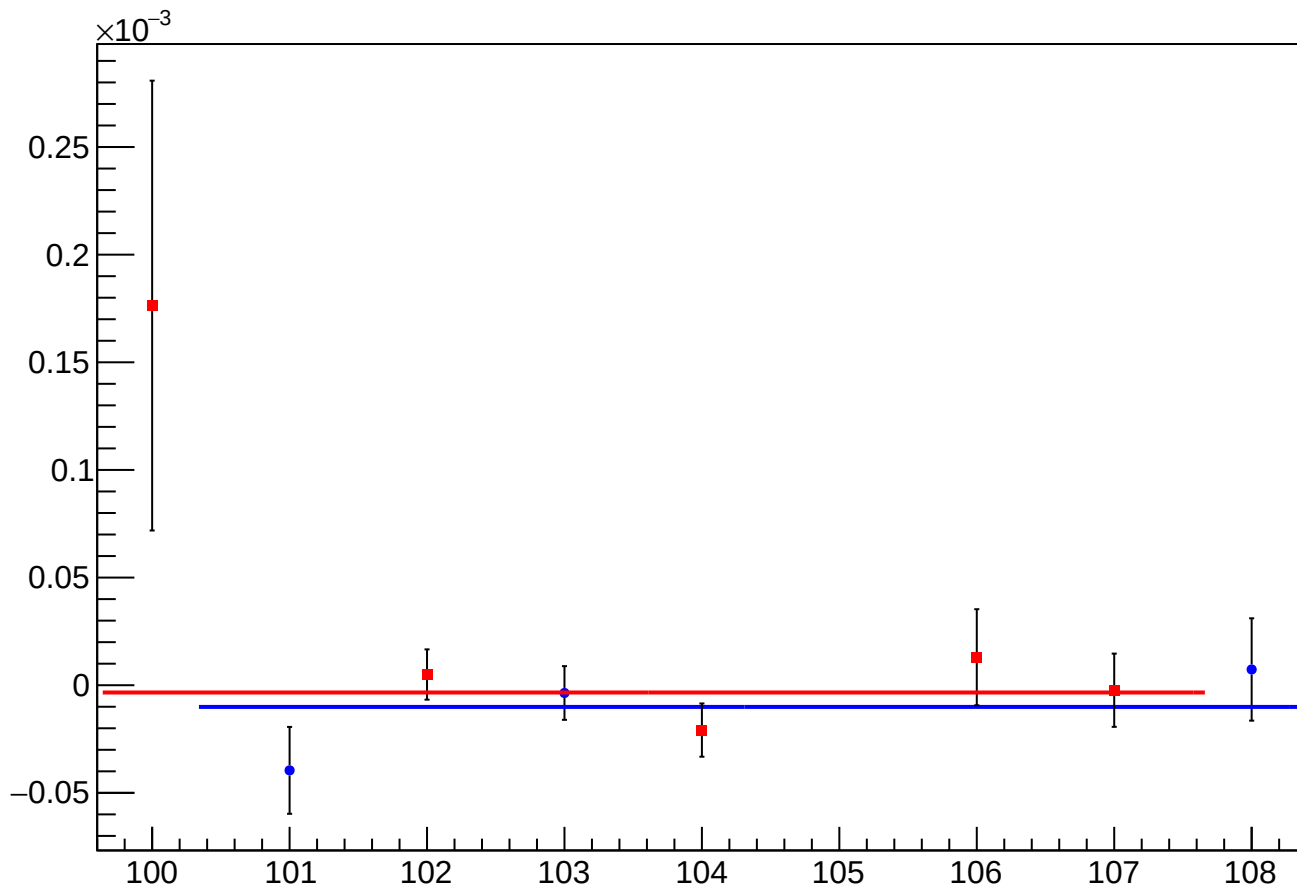
Right: 174.546+/-0.096 χ^2/NDF : 2691523.4/7

In: 180.661+/-0.124 χ^2/NDF : 1006981.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.546+/-0.096 χ^2/NDF : 2691523.4/7

asym_atl1r2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 +/- 0.000 χ^2/NDF : 2.9/2

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 +/- 0.000 χ^2/NDF : 6.0/4

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

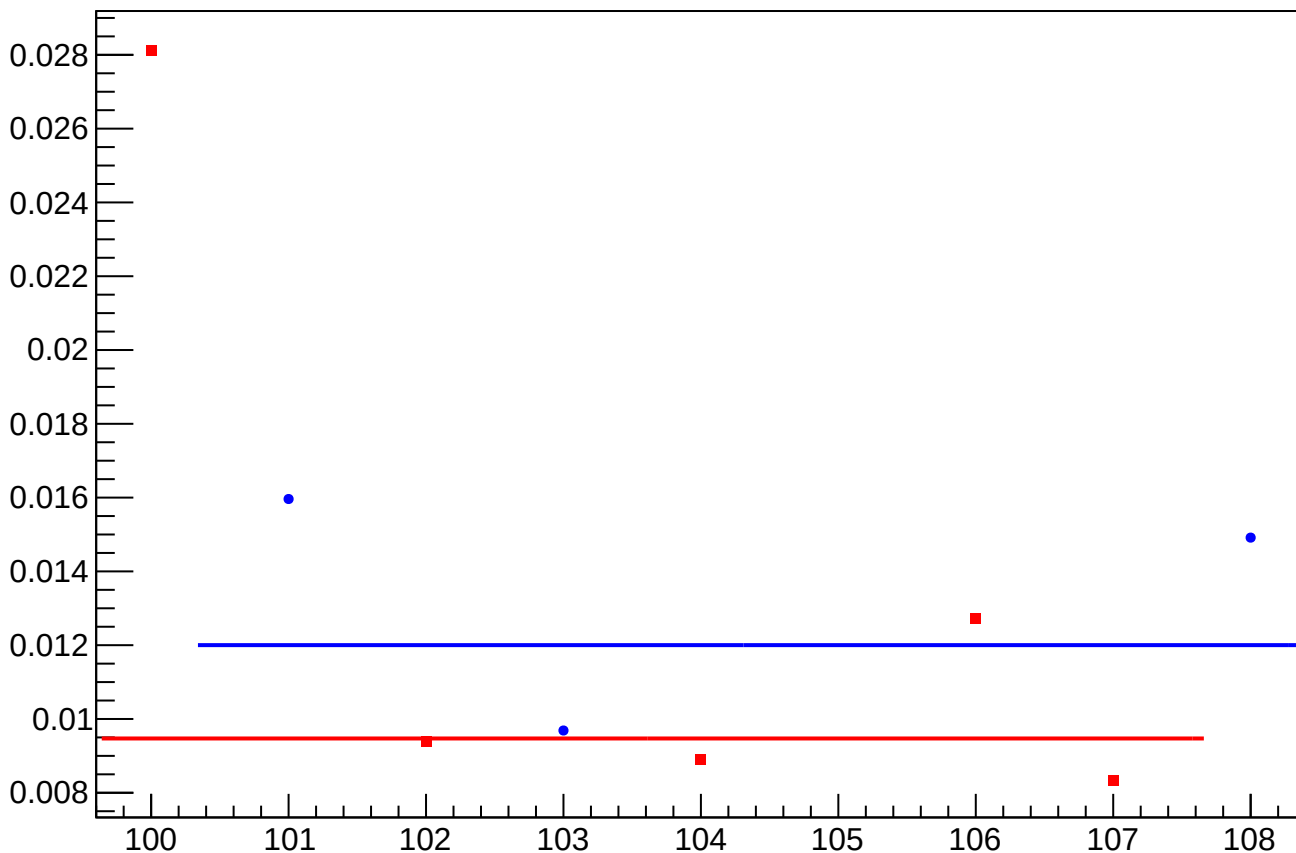
Right: -0.000 +/- 0.000 χ^2/NDF : 9.3/7

In: -0.000 +/- 0.000 χ^2/NDF : 2.9/2

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -0.000 +/- 0.000 χ^2/NDF : 9.3/7

asym_atl1r2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 175964.3/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 119628.9/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

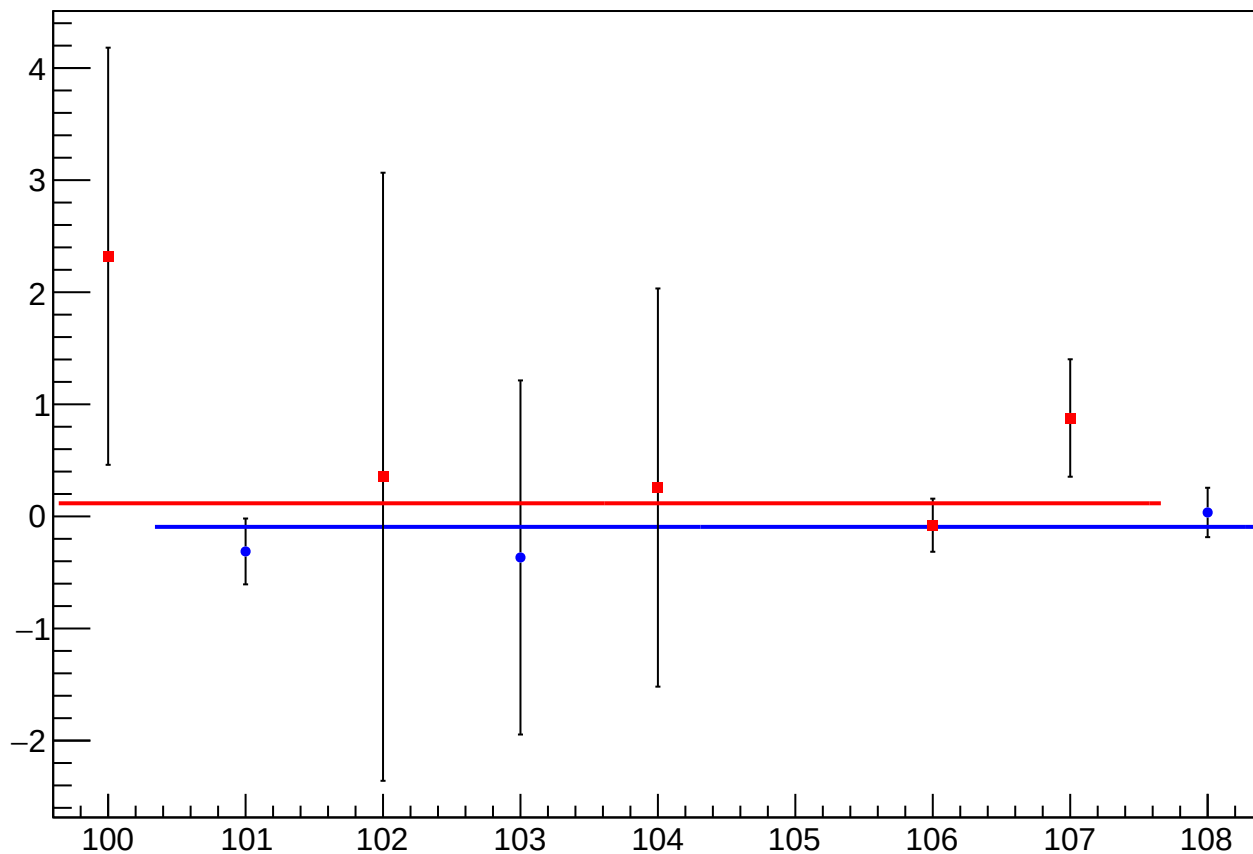
Right: 0.010+/-0.000 χ^2/NDF : 383685.3/7

In: 0.012+/-0.000 χ^2/NDF :175964.3/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.000 χ^2/NDF : 383685.3/7

asym_atl1r2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.093 $\pm$ 0.175 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.117 $\pm$ 0.212 χ^2 /NDF: 4.2/4

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

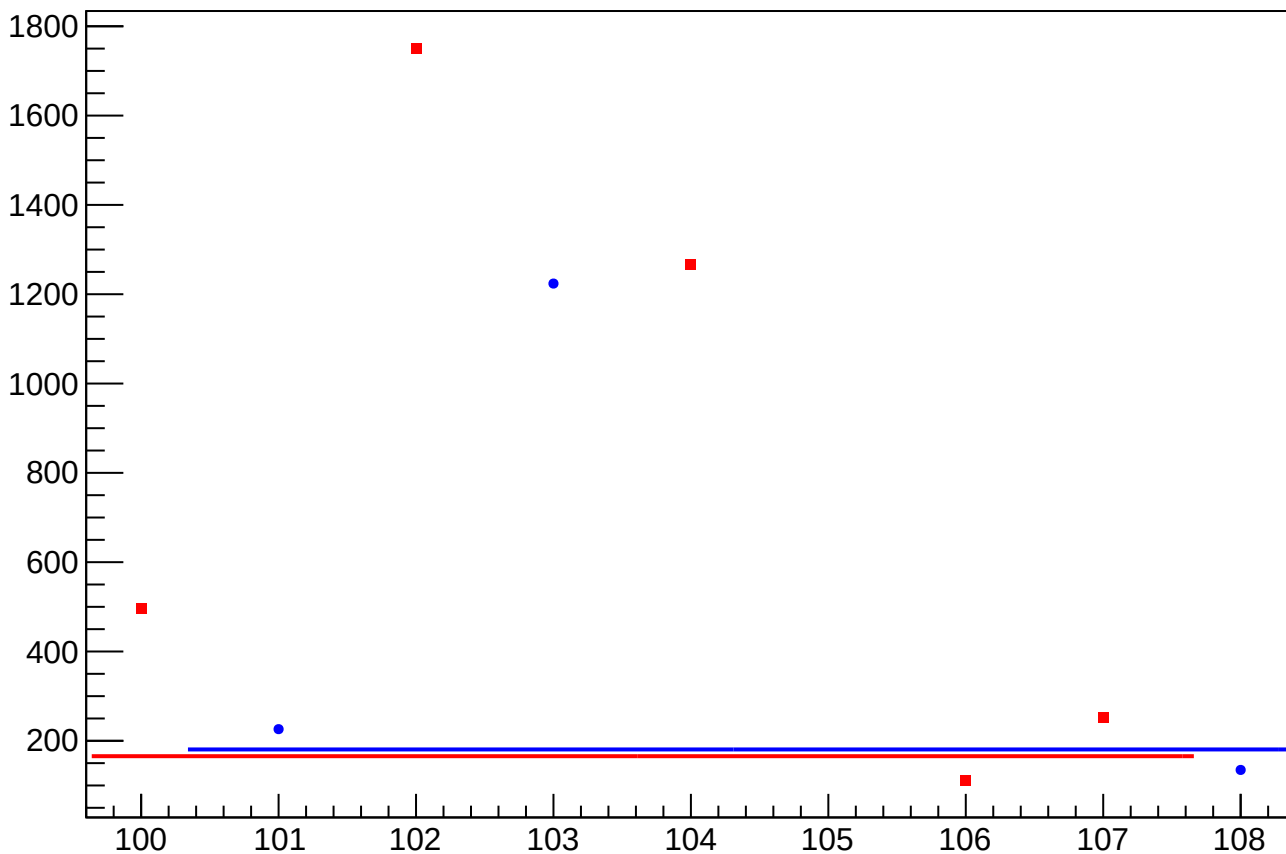
Right: -0.008 $\pm$ 0.135 χ^2 /NDF: 5.7/7

In: -0.093 $\pm$ 0.175 χ^2 /NDF:0.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.135 χ^2 /NDF: 5.7/7

asym_atl1r2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 180.660+/-0.124 χ^2/NDF : 1006983.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.560+/-0.150 χ^2/NDF : 1678543.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

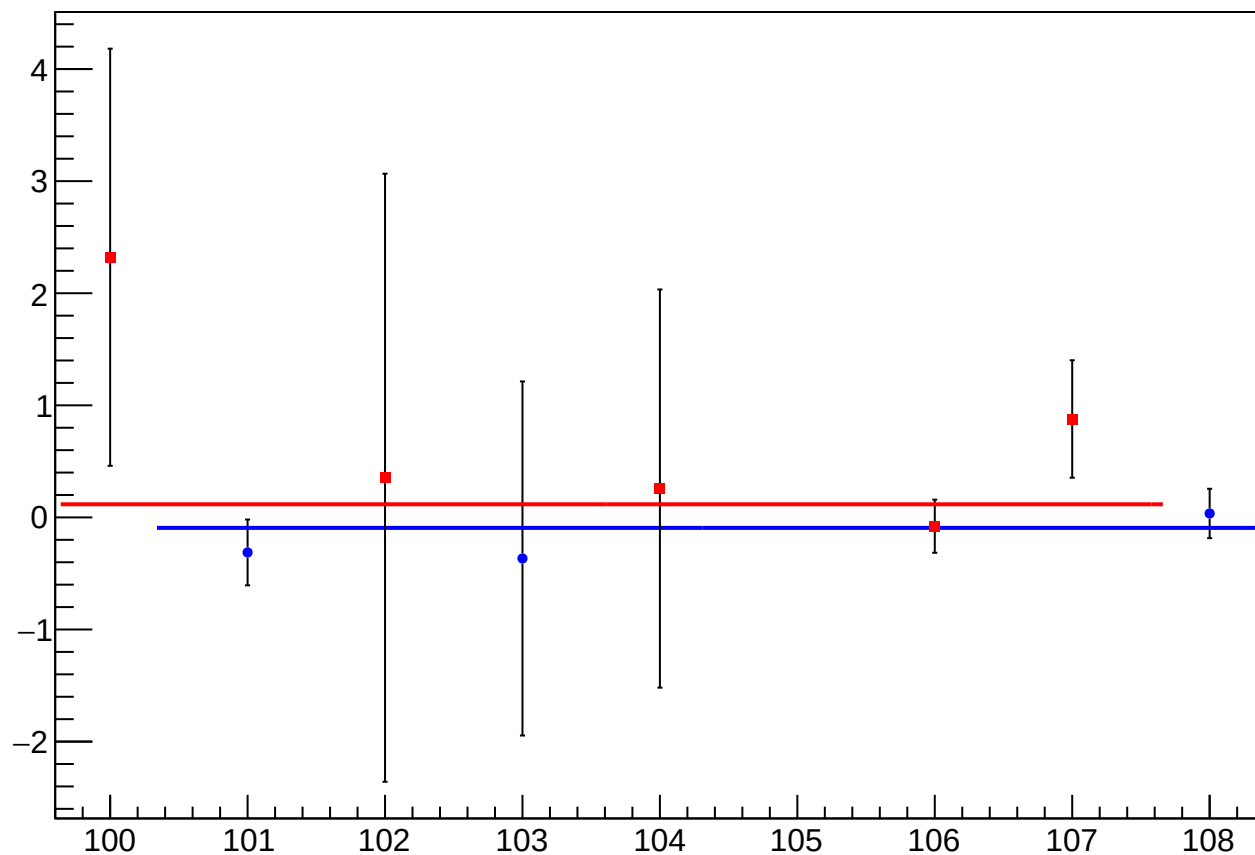
Right: 174.543+/-0.096 χ^2/NDF : 2691550.7/7

In: 180.660+/-0.124 χ^2/NDF : 1006983.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.543+/-0.096 χ^2/NDF : 2691550.7/7

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.093 $\pm$ 0.175 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.117 $\pm$ 0.212 χ^2 /NDF: 4.2/4

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

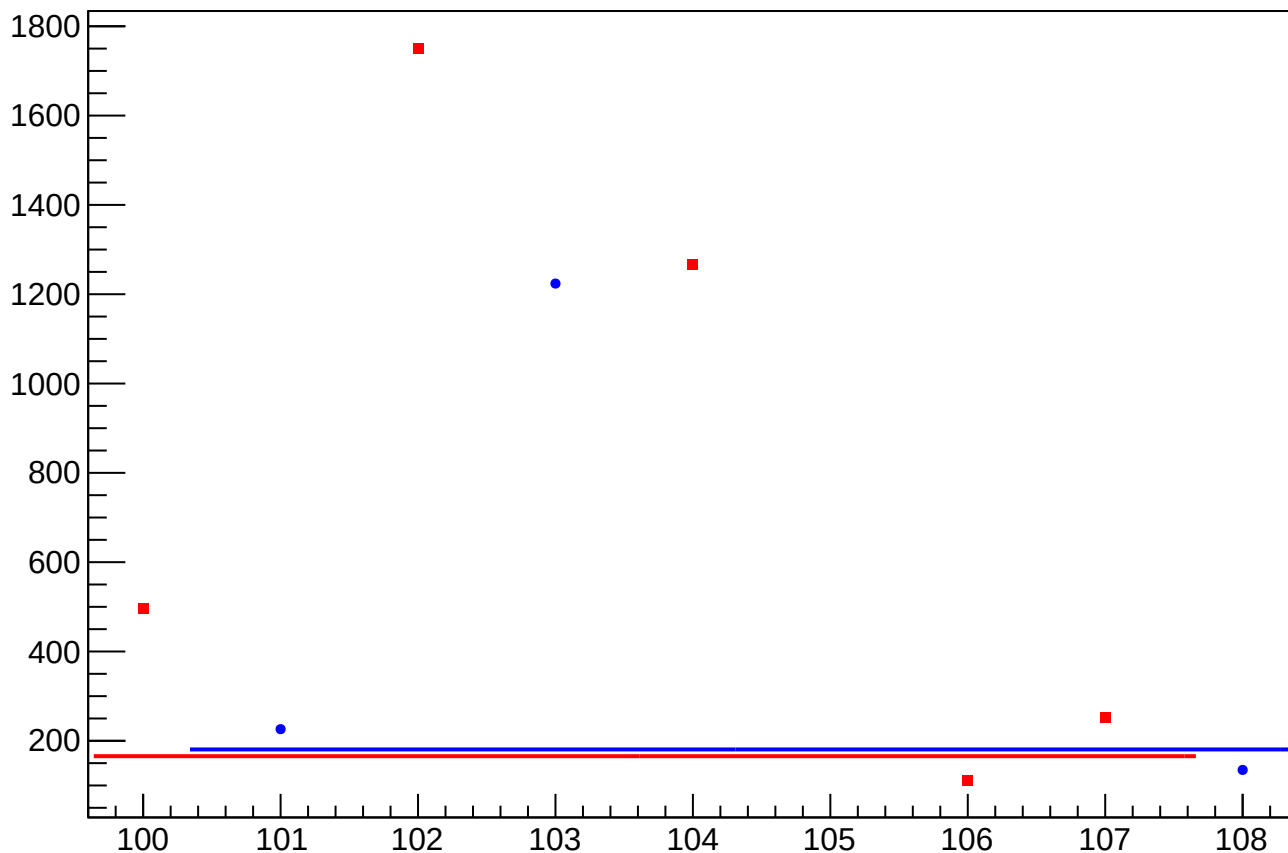
Right: -0.008 $\pm$ 0.135 χ^2 /NDF: 5.7/7

In: -0.093 $\pm$ 0.175 χ^2 /NDF:0.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.135 χ^2 /NDF: 5.7/7

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 180.660+/-0.124 χ^2/NDF : 1006983.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.560+/-0.150 χ^2/NDF : 1678543.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

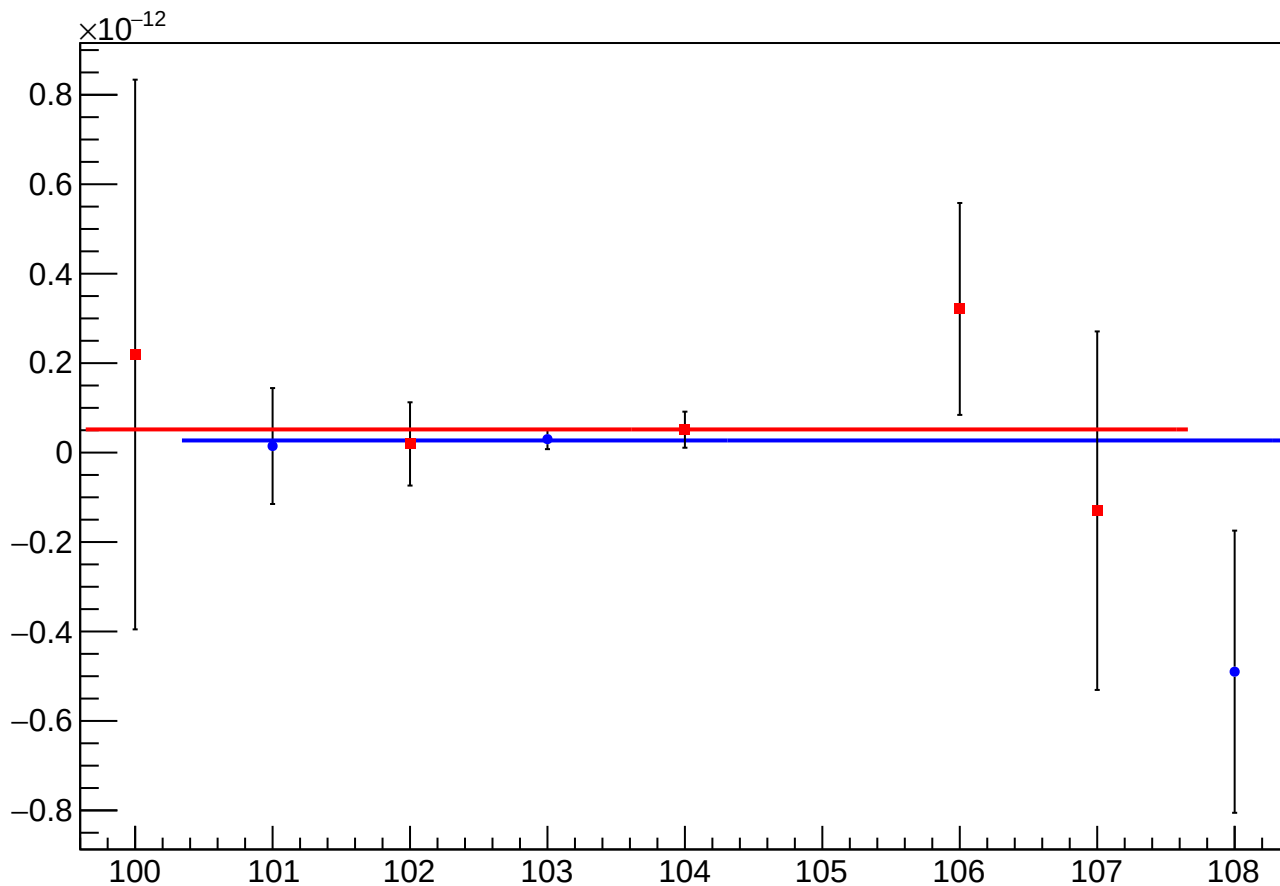
Right: 174.543+/-0.096 χ^2/NDF : 2691550.7/7

In: 180.660+/-0.124 χ^2/NDF : 1006983.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.543+/-0.096 χ^2/NDF : 2691550.7/7

asym_atl1r2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.7/4

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

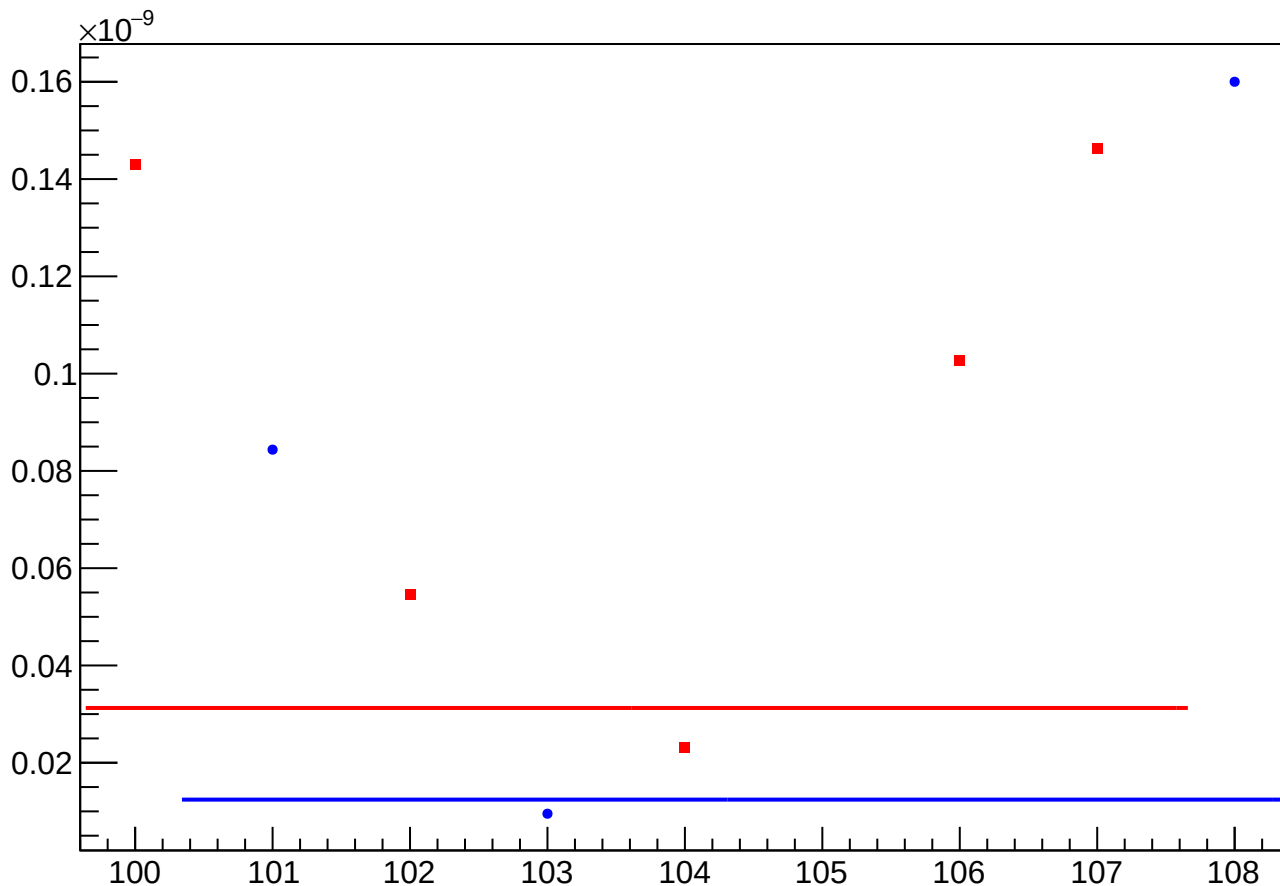
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.7/7

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.7/7

asym_atl1r2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1087801.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 618276.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

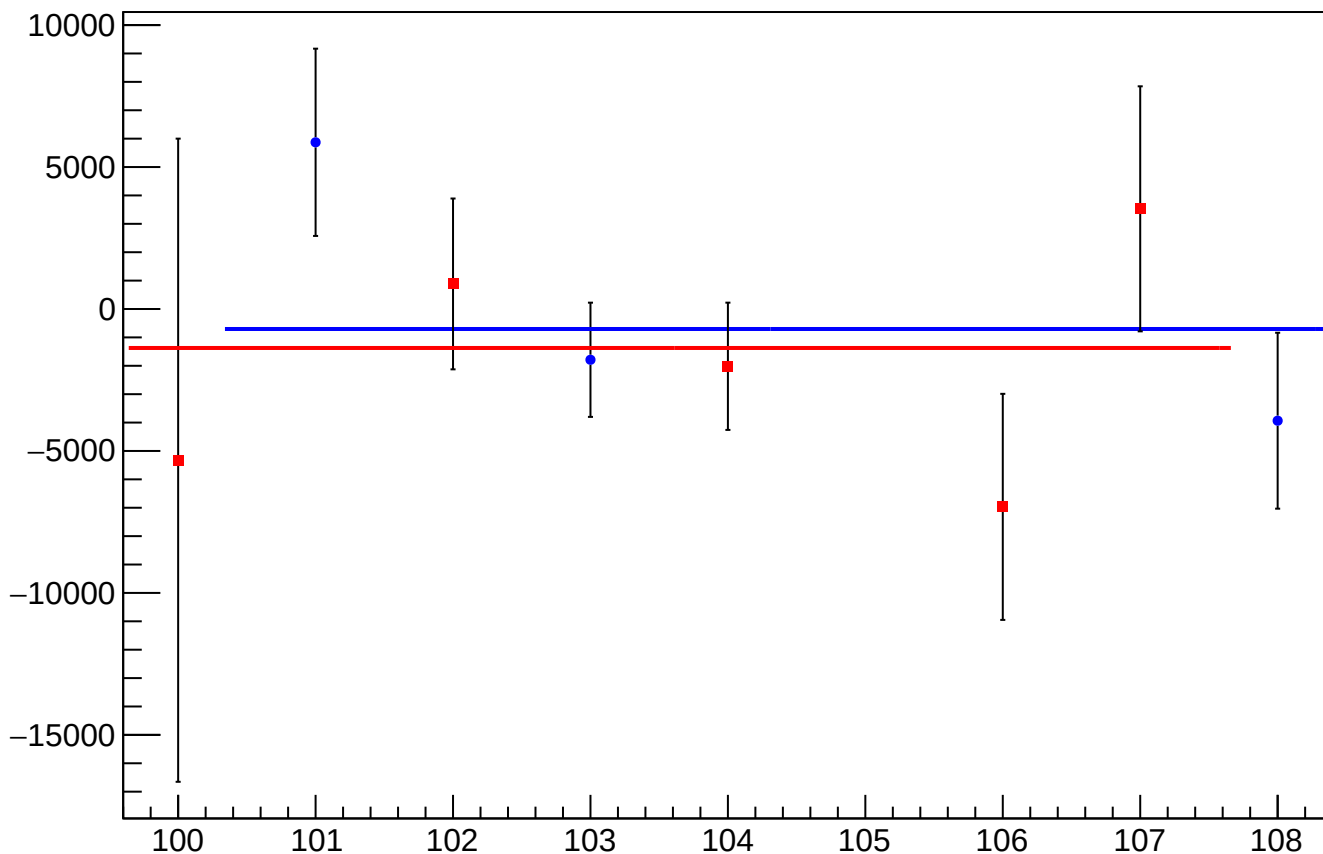
Right: 0.000+/-0.000 χ^2/NDF : 2099194.4/7

In: 0.000+/-0.000 χ^2/NDF : 1087801.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2099194.4/7

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -703.989+/-1502.060 χ^2/NDF : 5.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1372.556+/-1517.571 χ^2/NDF : 4.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

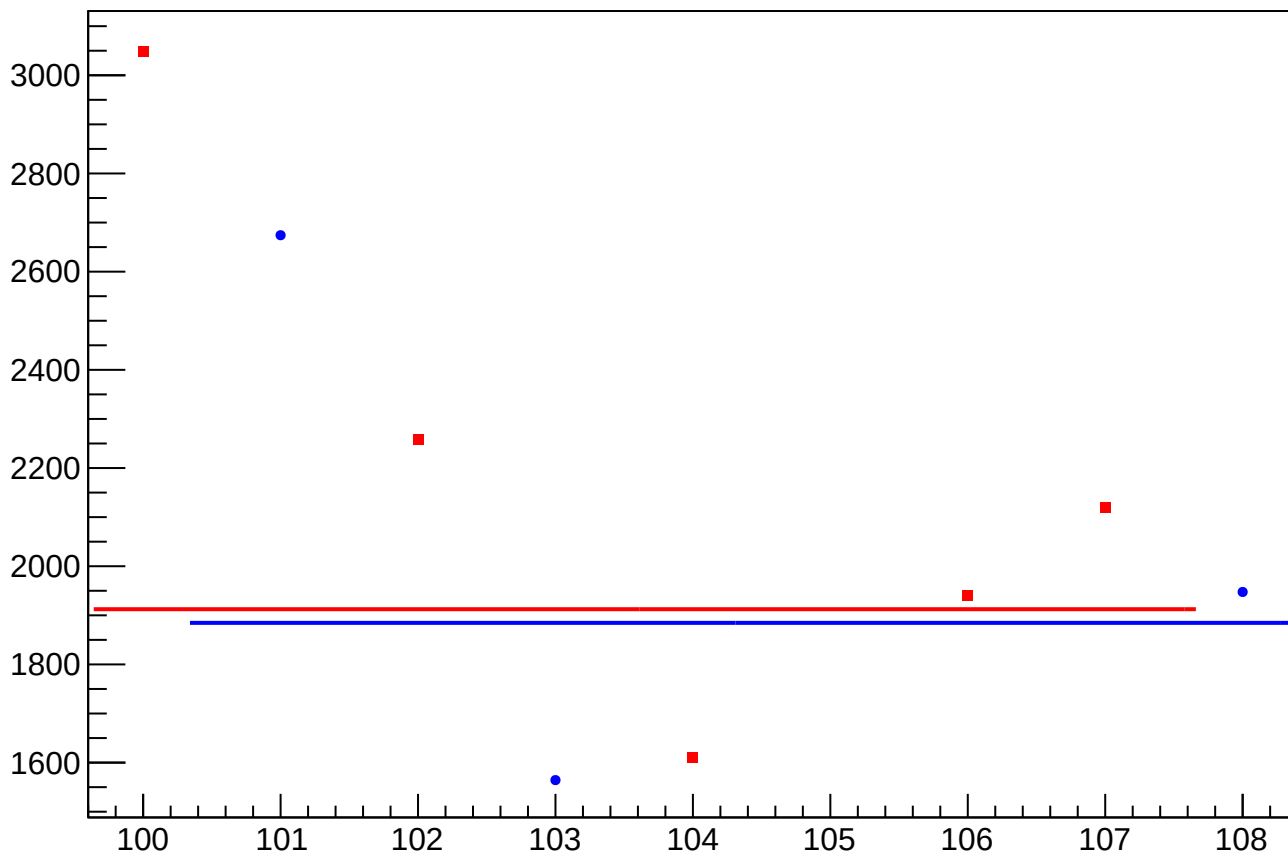
Right: -1034.839+/-1067.558 χ^2/NDF : 9.5/7

In: -703.989+/-1502.060 χ^2/NDF : 5.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1034.839+/-1067.558 χ^2/NDF : 9.5/7

reg_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1884.653+/-1.062 χ^2/NDF : 166155.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1912.468+/-1.062 χ^2/NDF : 87696.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

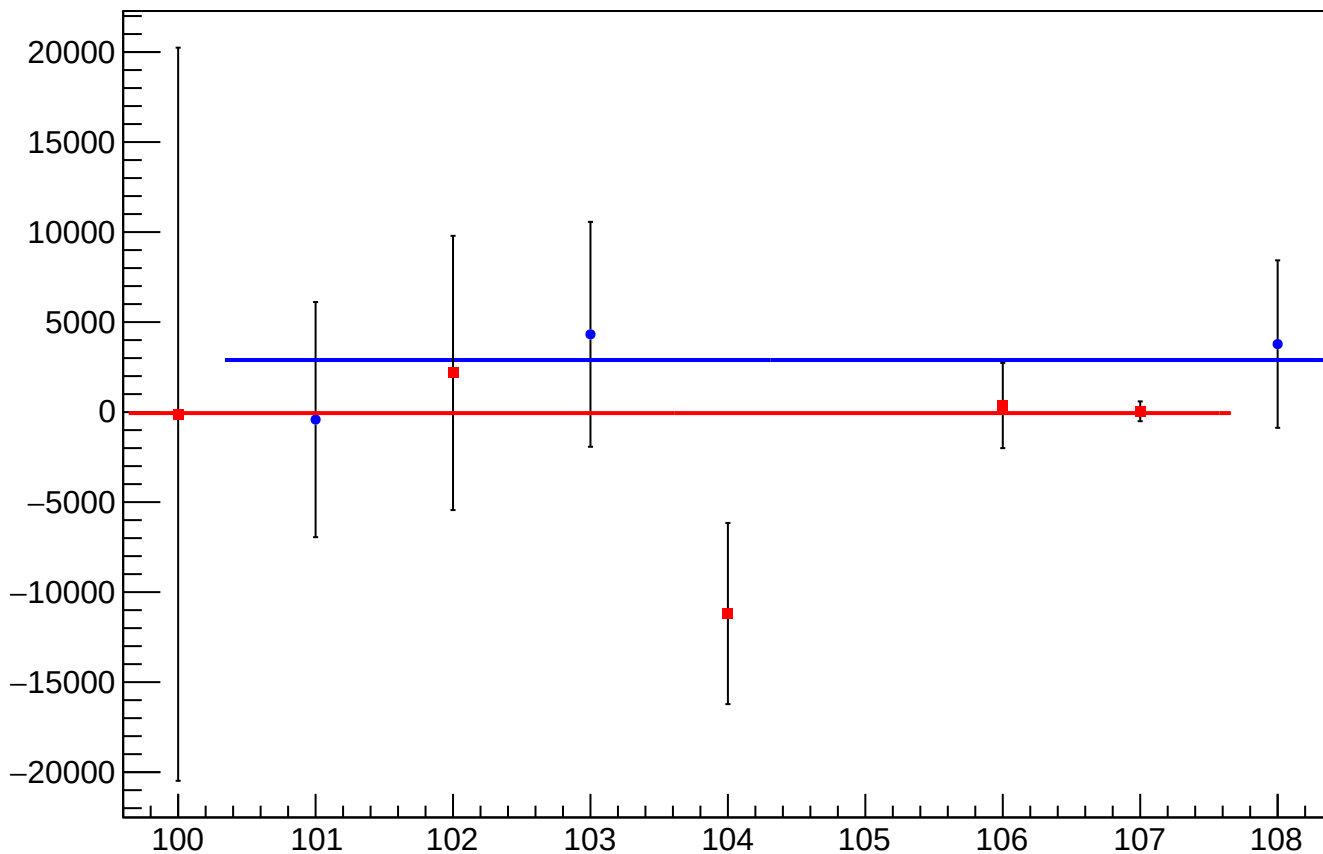
Right: 1898.565+/-0.751 χ^2/NDF : 254195.2/7

In: 1884.653+/-1.062 χ^2/NDF : 166155.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1898.565+/-0.751 χ^2/NDF : 254195.2/7

asym_atl1r2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 2893.132+/-3239.279 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -54.149+/-531.616 χ^2/NDF : 5.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

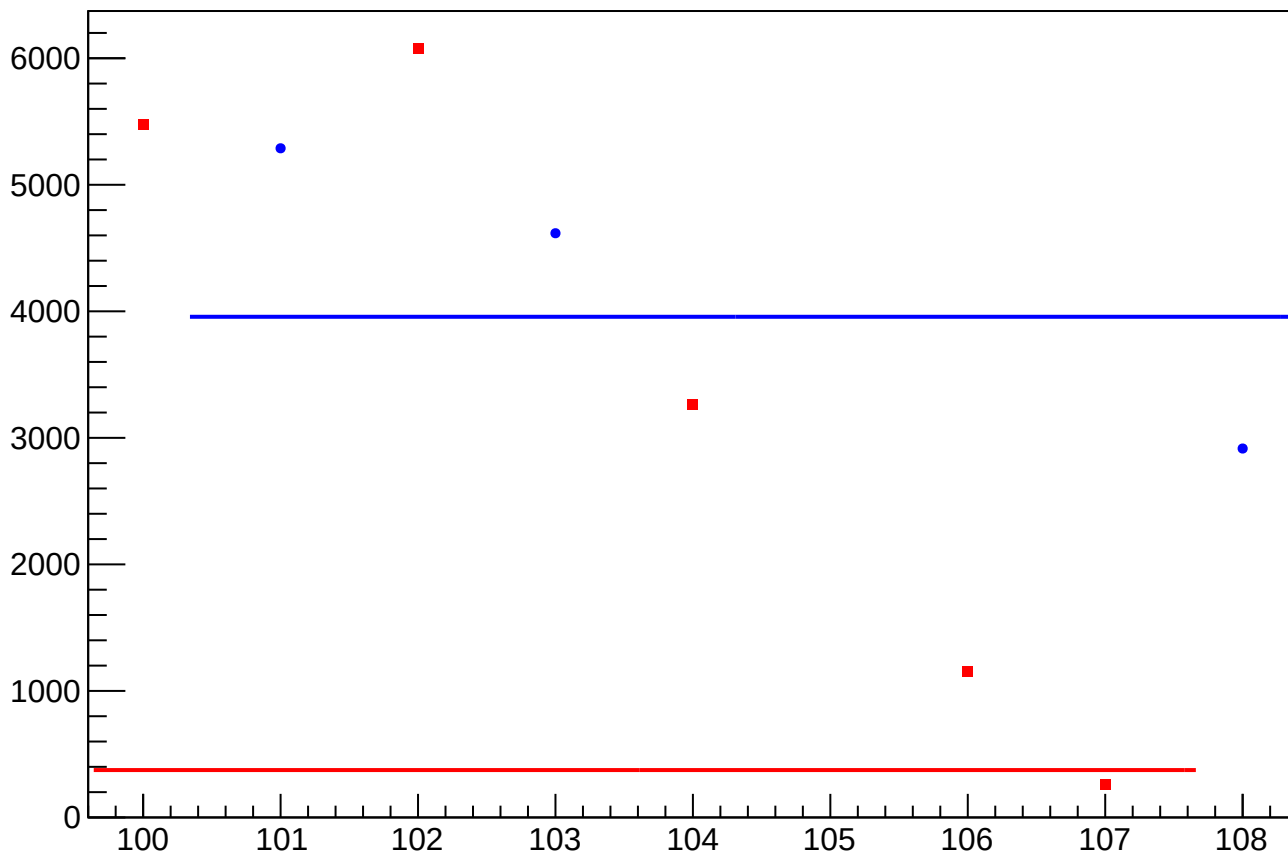
Right: 23.151+/-524.599 χ^2/NDF : 6.2/7

In: 2893.132+/-3239.279 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.151+/-524.599 χ^2/NDF : 6.2/7

asym_atl1r2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3956.831+/-2.291 χ^2/NDF : 205724.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 374.544+/-0.376 χ^2/NDF : 2202175.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

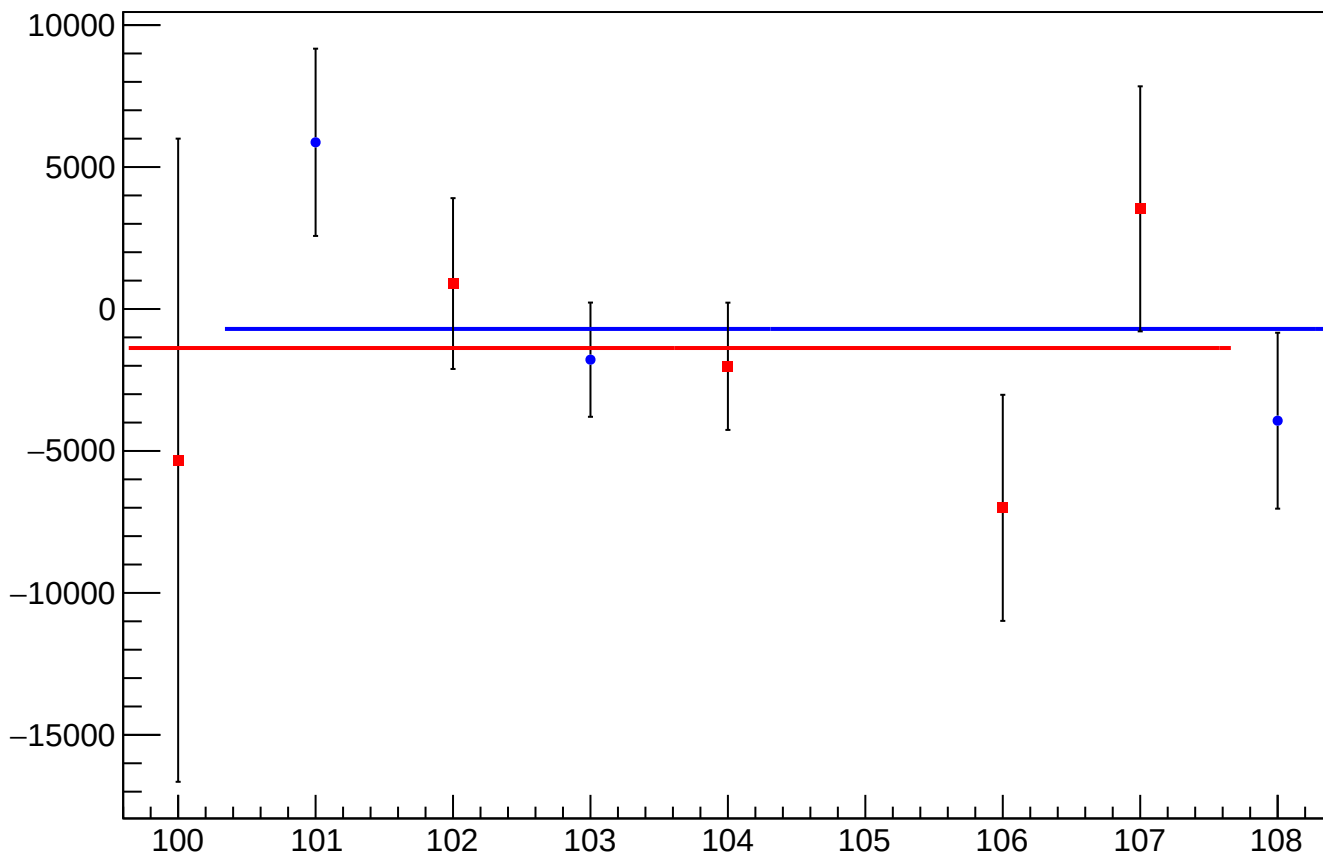
Right: 468.499+/-0.371 χ^2/NDF : 4789734.1/7

In: 3956.831+/-2.291 χ^2/NDF : 205724.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 468.499+/-0.371 χ^2/NDF : 4789734.1/7

cor_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -701.920 ± 1502.061 χ^2/NDF : 5.4/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1374.089 ± 1517.588 χ^2/NDF : 4.1/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

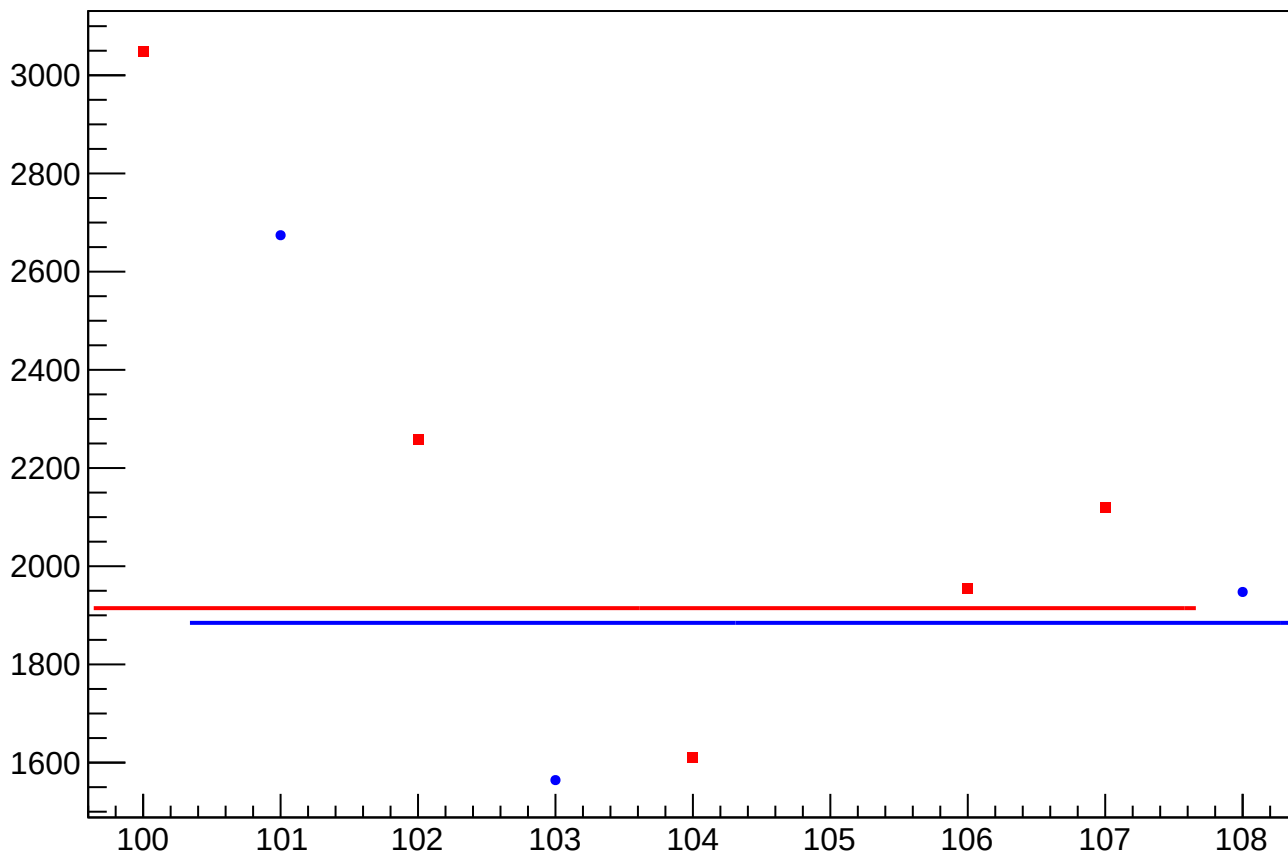
Right: -1034.548 ± 1067.565 χ^2/NDF : 9.5/7

In: -701.920 ± 1502.061 χ^2/NDF : 5.4/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1034.548 ± 1067.565 χ^2/NDF : 9.5/7

cor_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1884.656+/-1.062 χ^2/NDF : 166154.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1914.601+/-1.063 χ^2/NDF : 87827.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

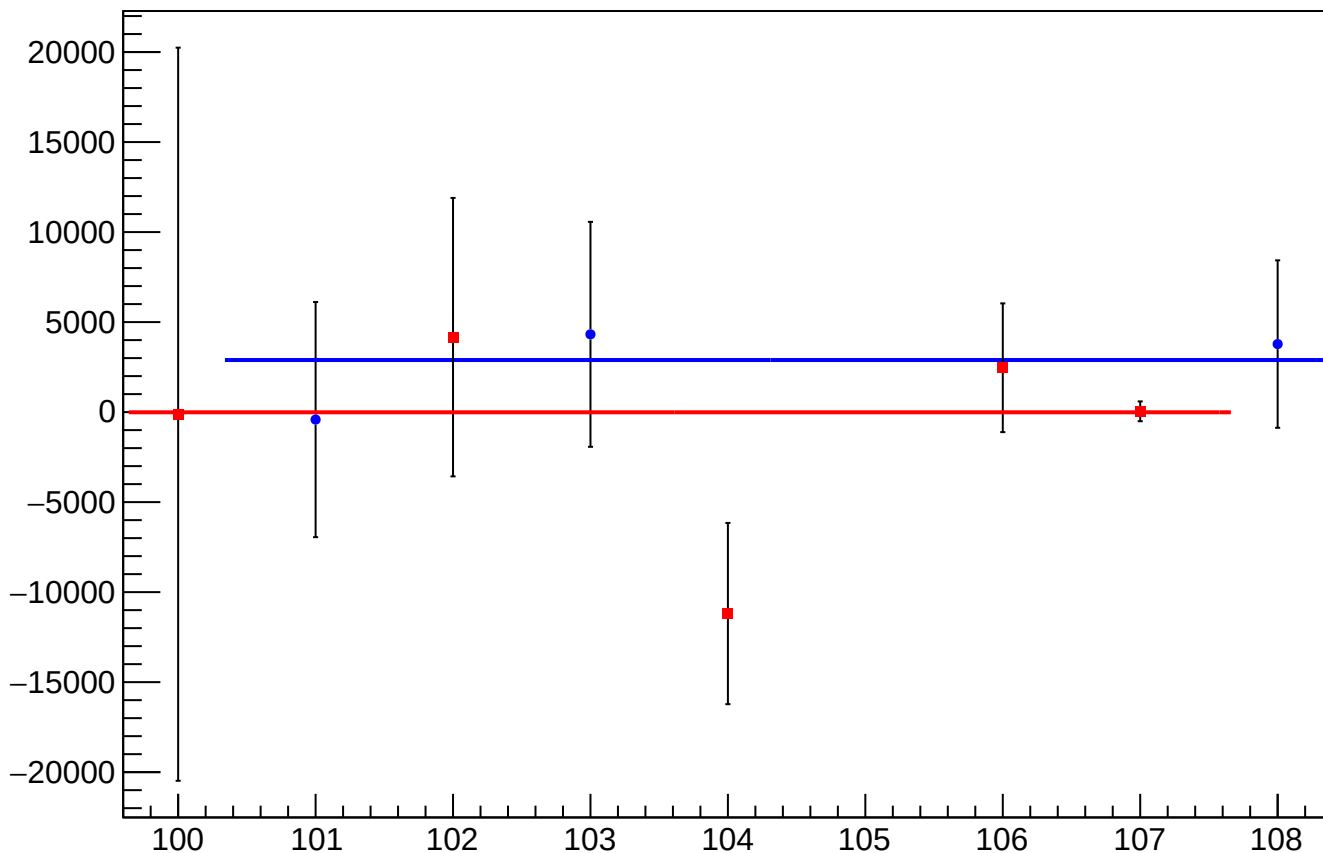
Right: 1899.618+/-0.751 χ^2/NDF : 254379.0/7

In: 1884.656+/-1.062 χ^2/NDF : 166154.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1899.618+/-0.751 χ^2/NDF : 254379.0/7

asym_atl1r2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 2893.231+/-3239.348 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.945+/-539.297 χ^2/NDF : 5.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

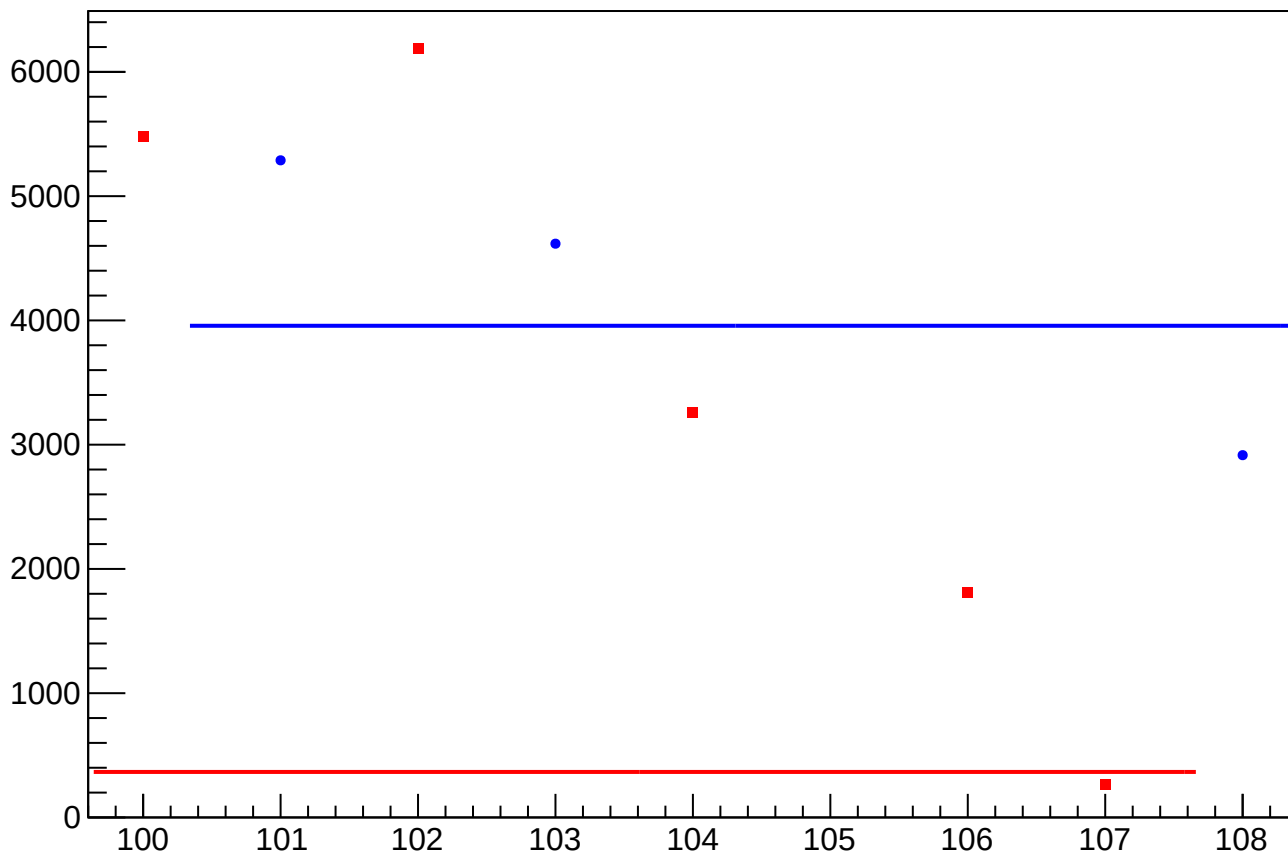
Right: 68.351+/-531.975 χ^2/NDF : 6.8/7

In: 2893.231+/-3239.348 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.351+/-531.975 χ^2/NDF : 6.8/7

asym_atl1r2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3956.888+/-2.291 χ^2/NDF : 205746.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 366.302+/-0.381 χ^2/NDF : 2314770.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

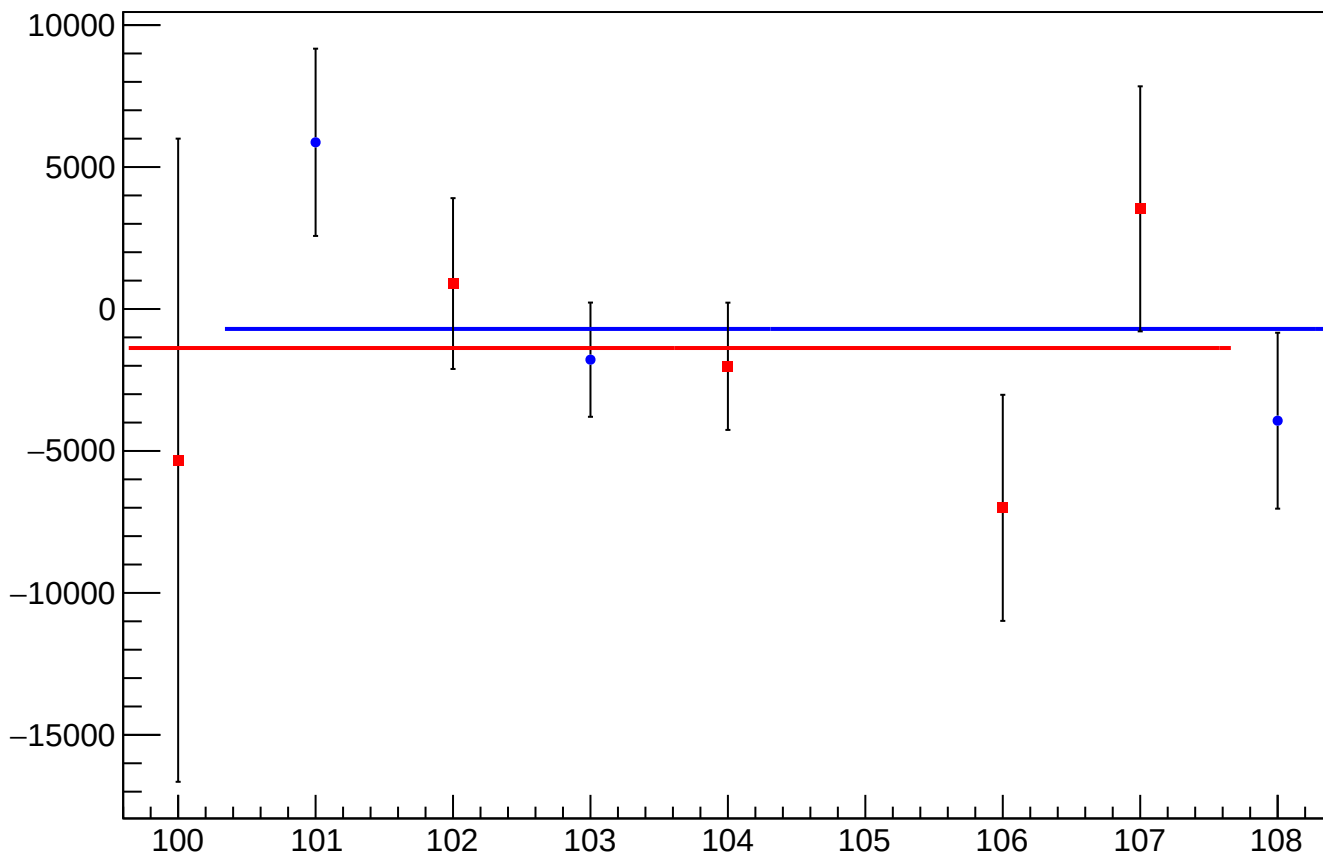
Right: 463.138+/-0.376 χ^2/NDF : 4911474.7/7

In: 3956.888+/-2.291 χ^2/NDF : 205746.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 463.138+/-0.376 χ^2/NDF : 4911474.7/7

eigen_cor_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -701.920+/-1502.061 χ^2/NDF : 5.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1374.089+/-1517.588 χ^2/NDF : 4.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

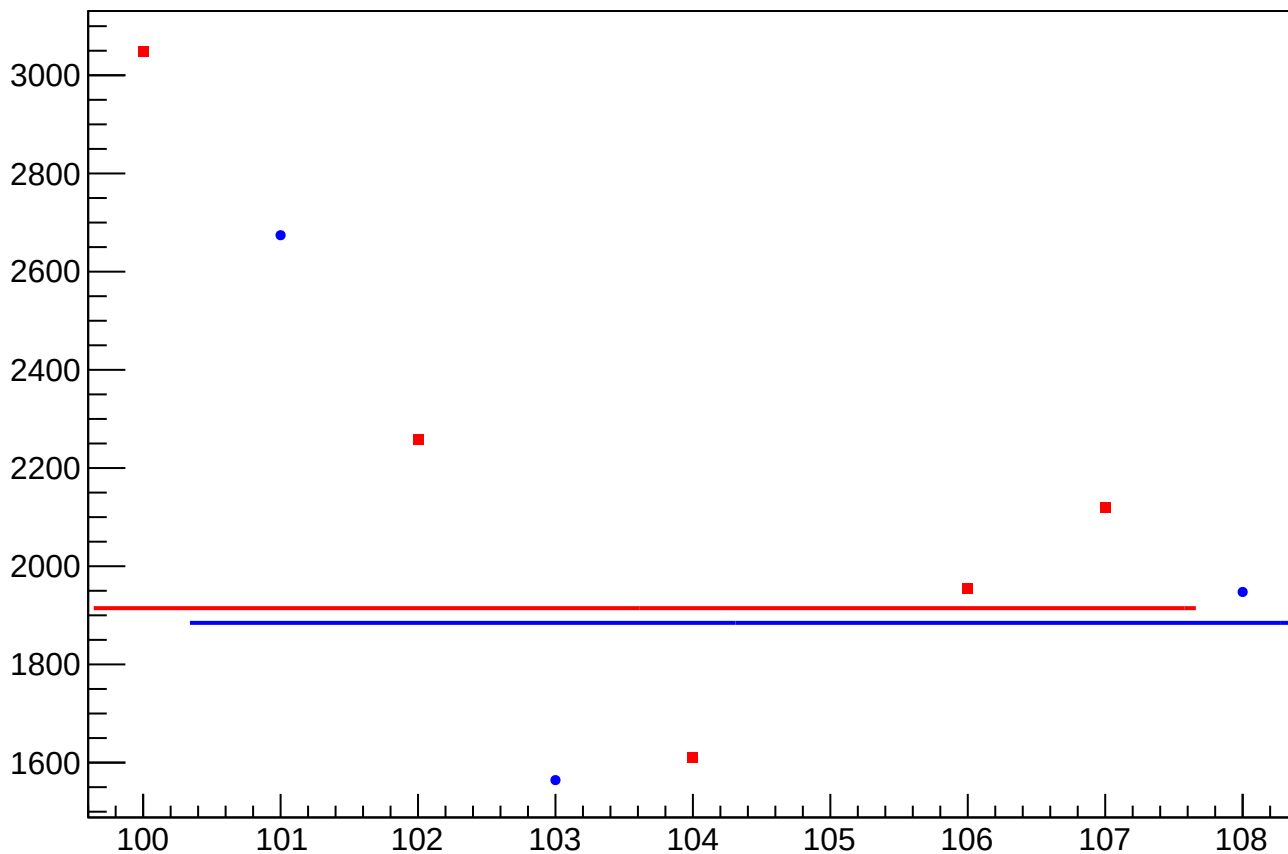
Right: -1034.548+/-1067.565 χ^2/NDF : 9.5/7

In: -701.920+/-1502.061 χ^2/NDF : 5.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1034.548+/-1067.565 χ^2/NDF : 9.5/7

eigen_cor_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1884.656+/-1.062 χ^2/NDF : 166154.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1914.601+/-1.063 χ^2/NDF : 87827.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

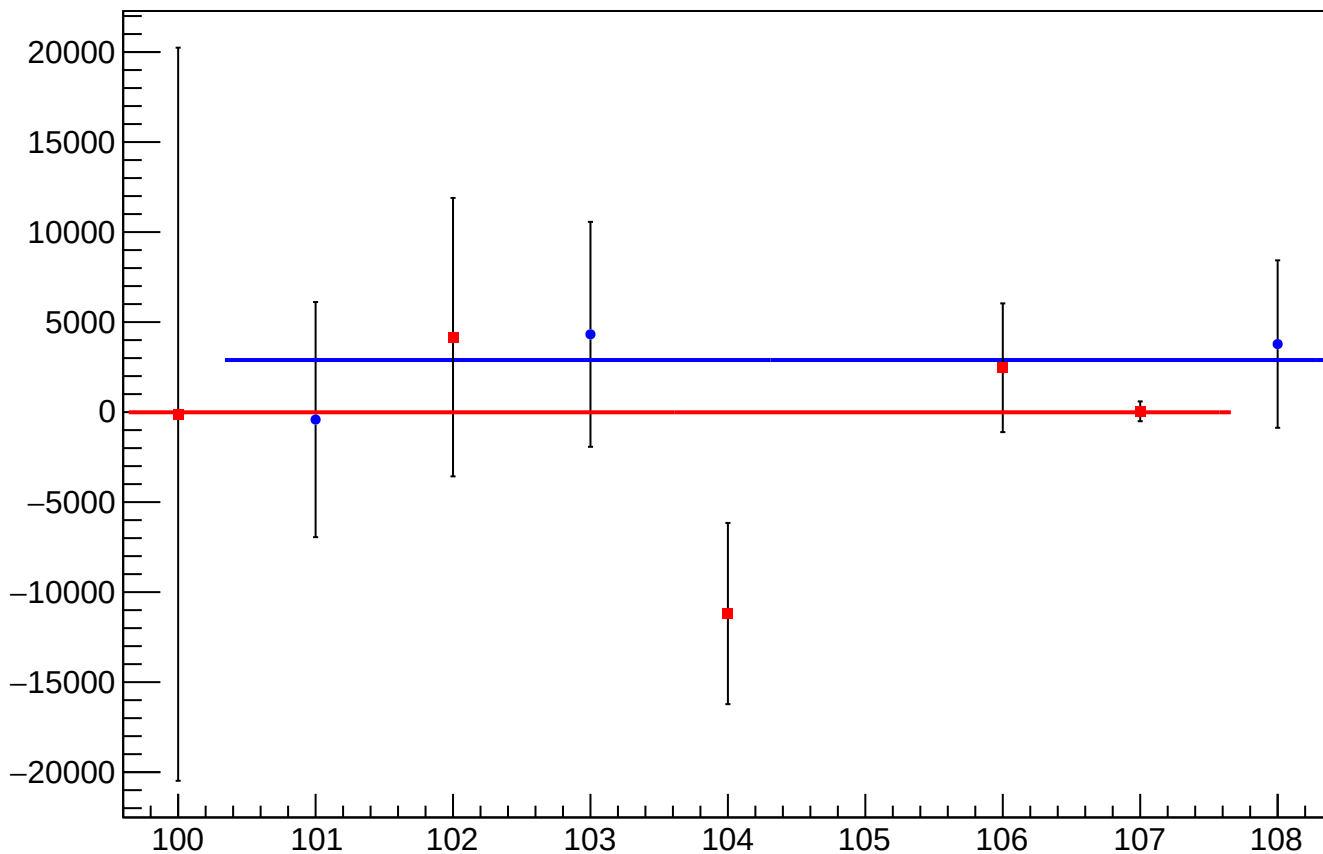
Right: 1899.618+/-0.751 χ^2/NDF : 254379.0/7

In: 1884.656+/-1.062 χ^2/NDF : 166154.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1899.618+/-0.751 χ^2/NDF : 254379.0/7

asym_atl1r2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2893.231+/-3239.348 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.945+/-539.297 χ^2/NDF : 5.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

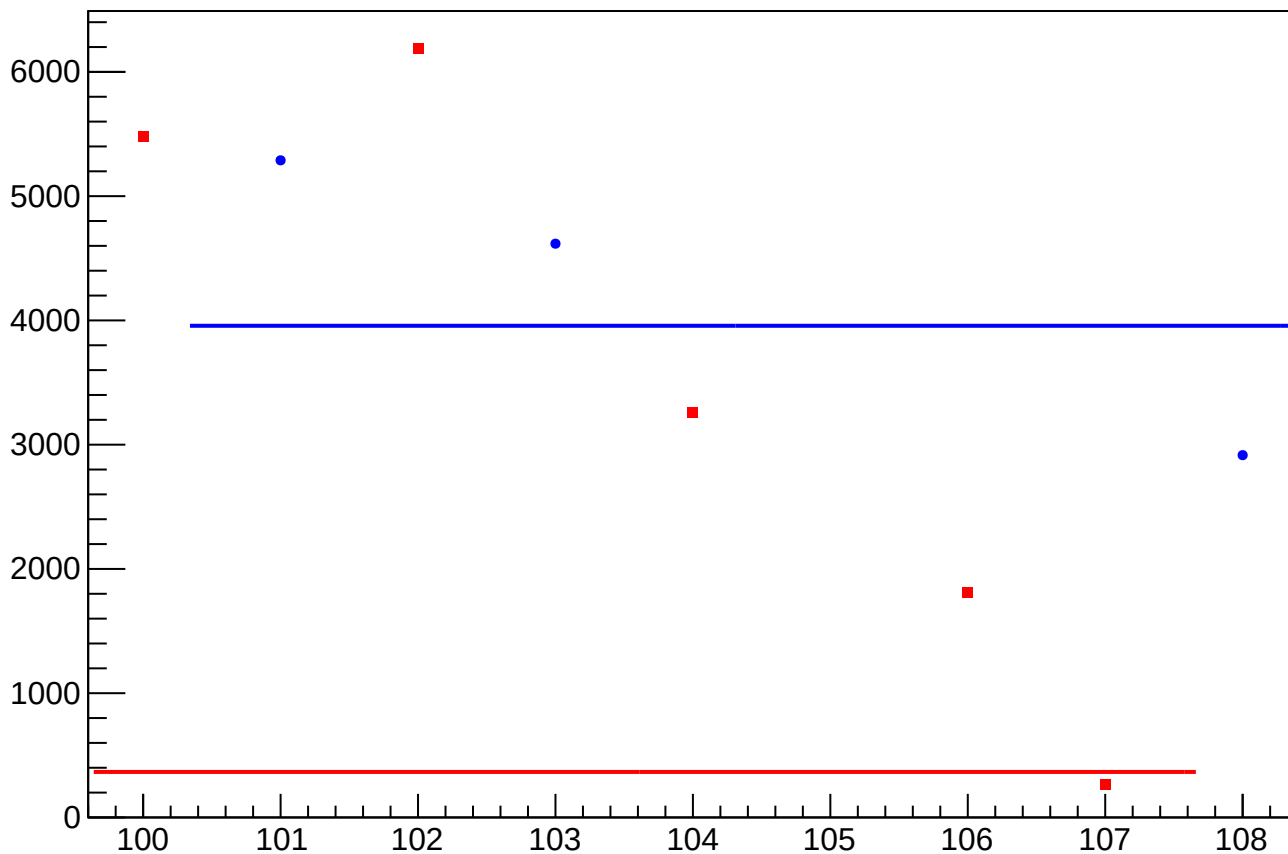
Right: 68.351+/-531.975 χ^2/NDF : 6.8/7

In: 2893.231+/-3239.348 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.351+/-531.975 χ^2/NDF : 6.8/7

asym_atl1r2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3956.888+/-2.291 χ^2/NDF : 205746.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 366.302+/-0.381 χ^2/NDF : 2314770.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

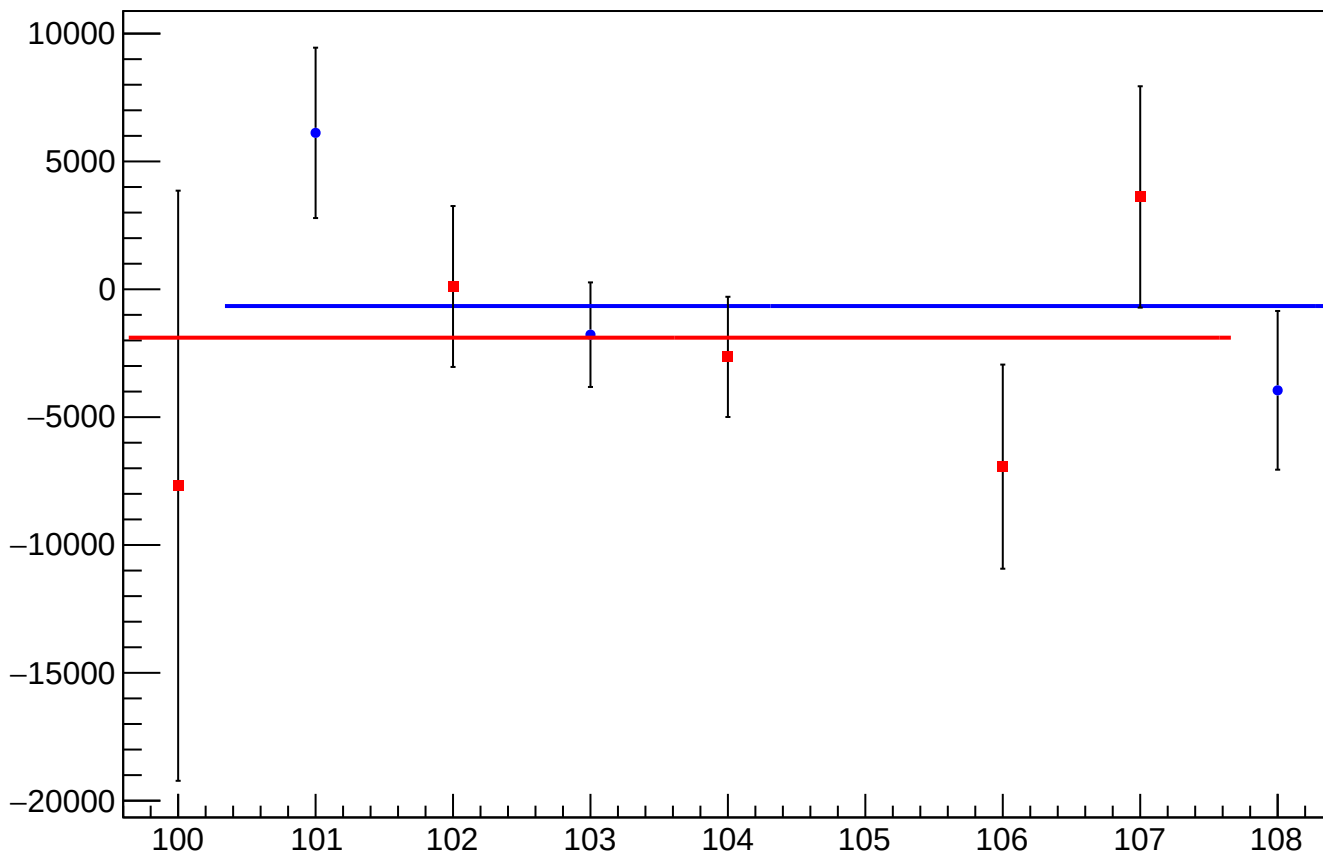
Right: 463.138+/-0.376 χ^2/NDF : 4911474.7/7

In: 3956.888+/-2.291 χ^2/NDF : 205746.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 463.138+/-0.376 χ^2/NDF : 4911474.7/7

dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -655.170+/-1519.467 χ^2/NDF : 5.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1892.248+/-1570.209 χ^2/NDF : 4.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

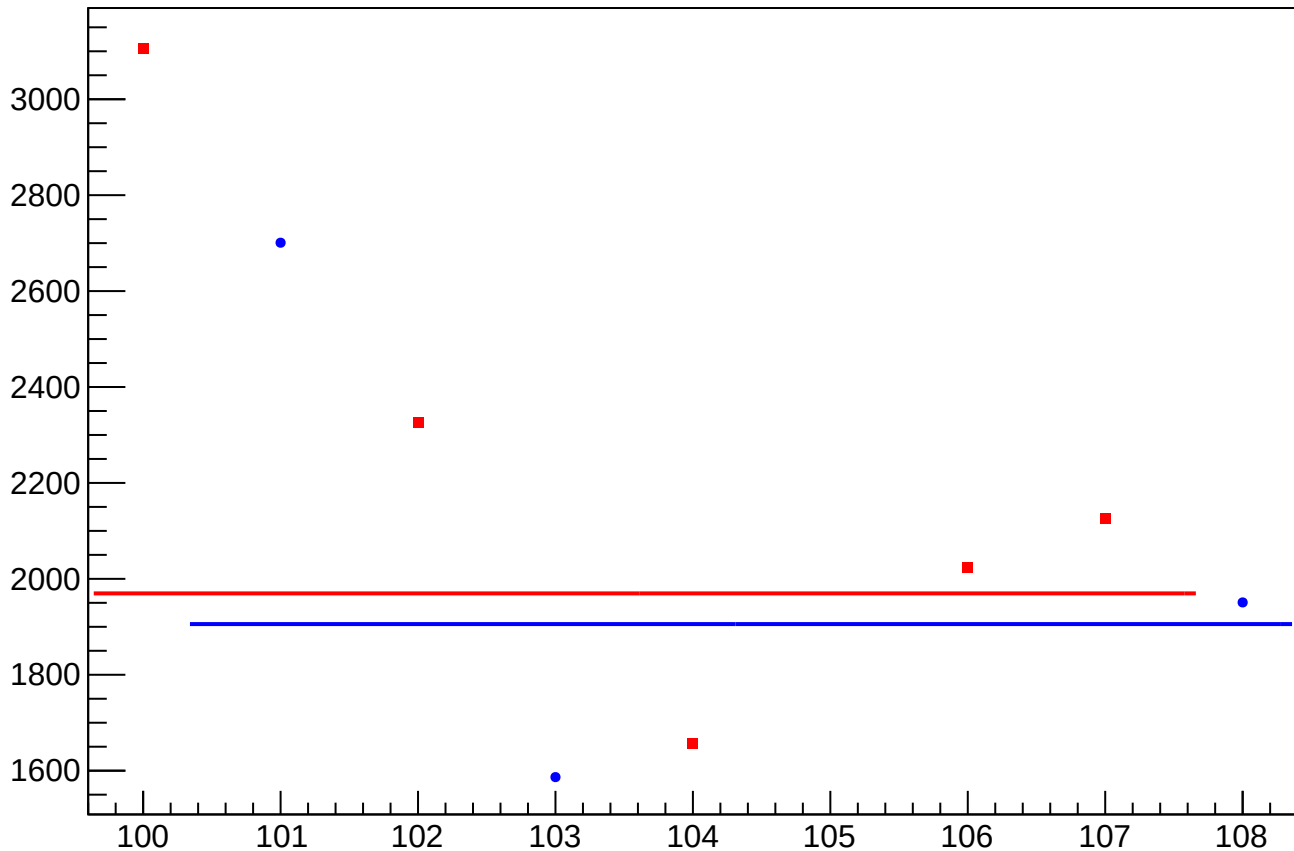
Right: -1253.398+/-1091.924 χ^2/NDF : 9.9/7

In: -655.170+/-1519.467 χ^2/NDF : 5.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1253.398+/-1091.924 χ^2/NDF : 9.9/7

dit_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1905.689+/-1.074 χ^2/NDF : 163057.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1969.673+/-1.106 χ^2/NDF : 83394.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

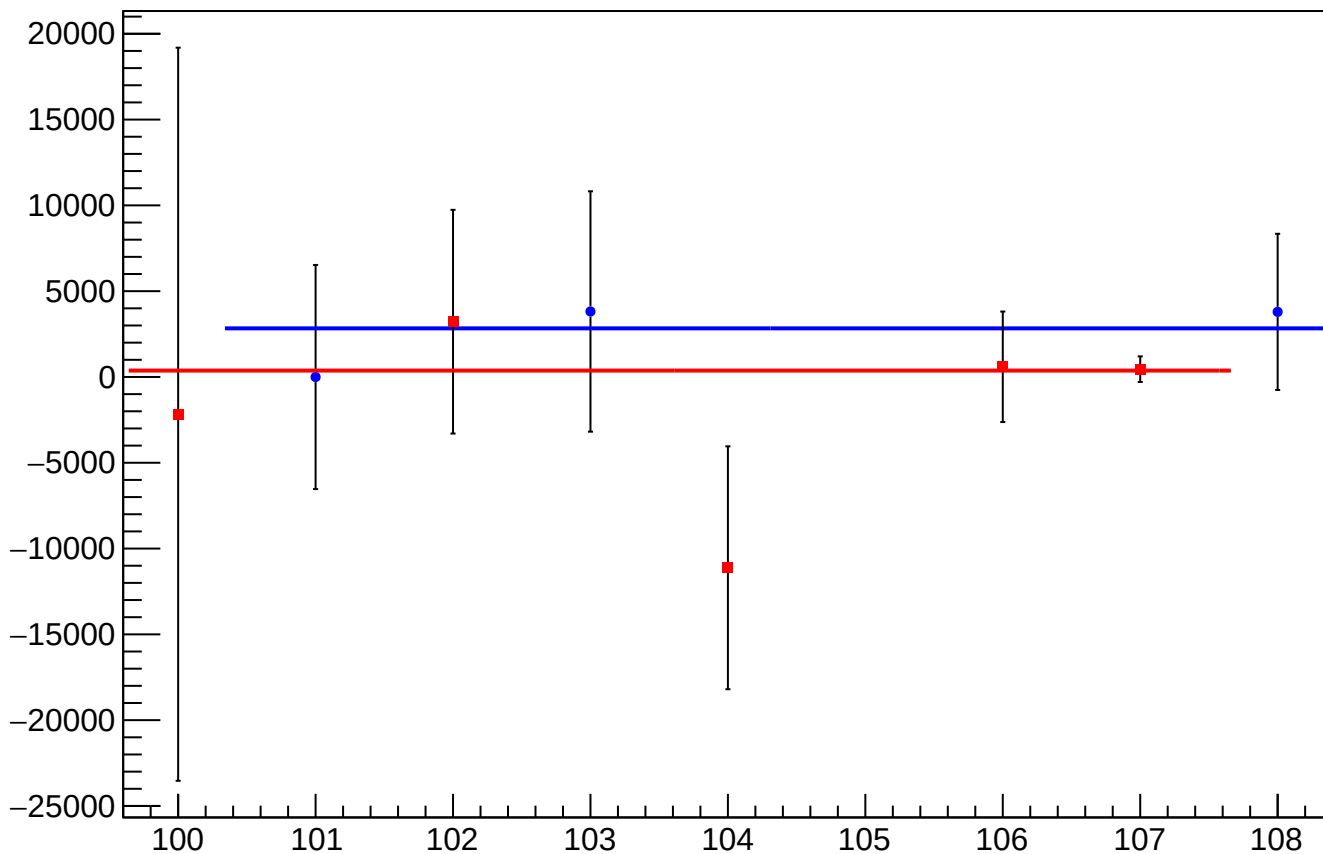
Right: 1936.764+/-0.771 χ^2/NDF : 248174.1/7

In: 1905.689+/-1.074 χ^2/NDF : 163057.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1936.764+/-0.771 χ^2/NDF : 248174.1/7

asym_atl1r2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 2832.733+/-3294.440 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 372.383+/-717.882 χ^2/NDF : 2.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

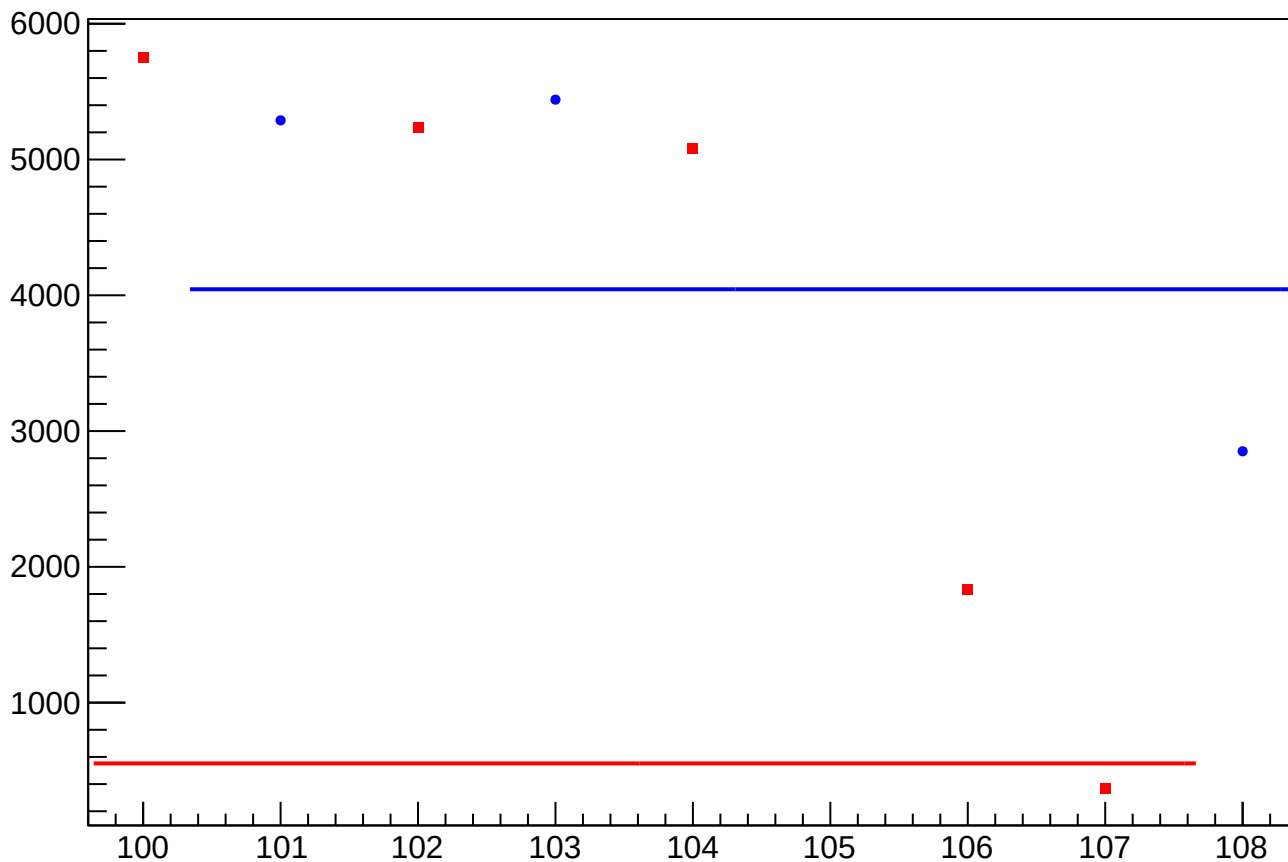
Right: 483.913+/-701.423 χ^2/NDF : 3.6/7

In: 2832.733+/-3294.440 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 483.913+/-701.423 χ^2/NDF : 3.6/7

asym_atl1r2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 4044.411+/-2.330 χ^2/NDF : 289638.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 552.262+/-0.508 χ^2/NDF : 2409193.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

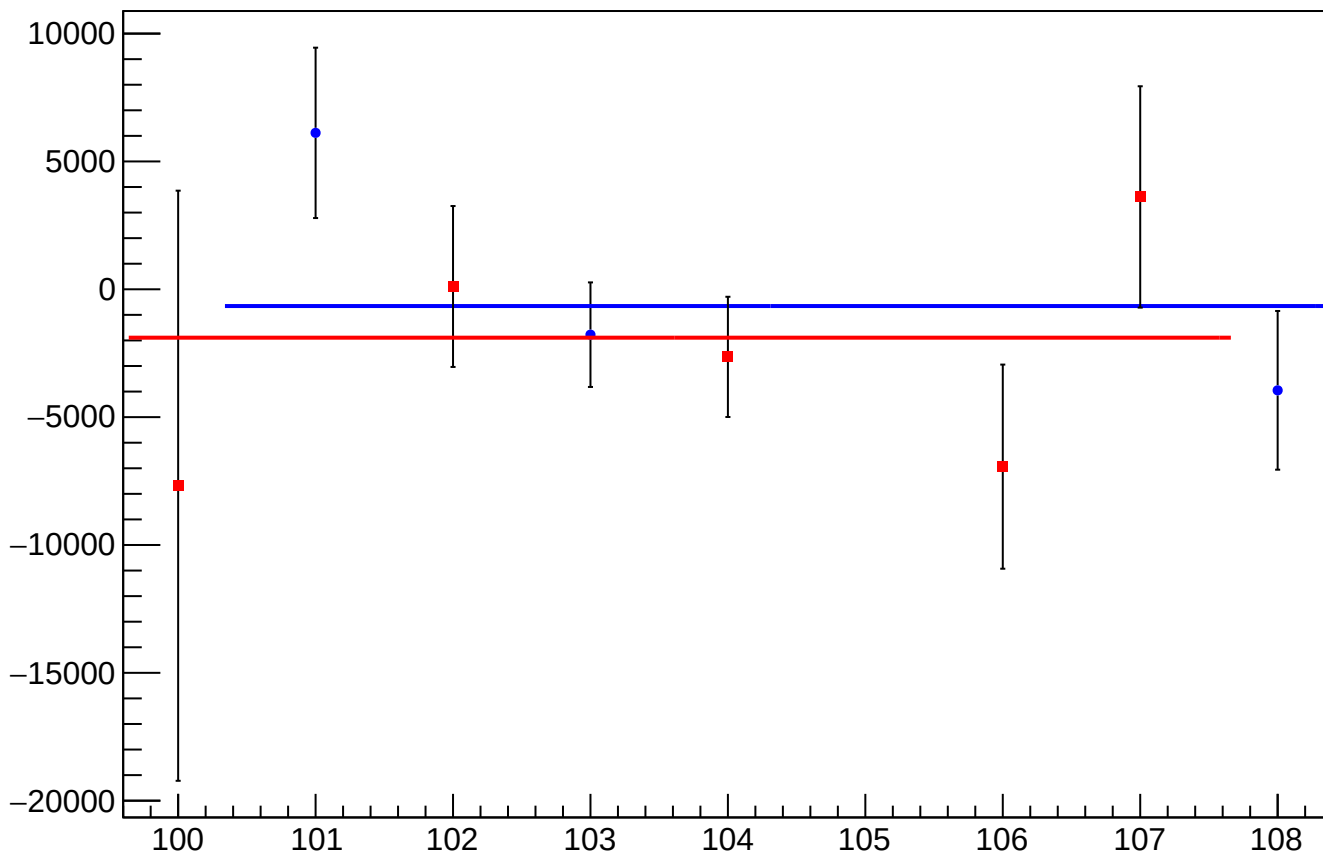
Right: 710.565+/-0.496 χ^2/NDF : 4844215.5/7

In: 4044.411+/-2.330 χ^2/NDF : 289638.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 710.565+/-0.496 χ^2/NDF : 4844215.5/7

eigen_dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -655.163+/-1519.467 χ^2/NDF : 5.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1892.255+/-1570.209 χ^2/NDF : 4.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

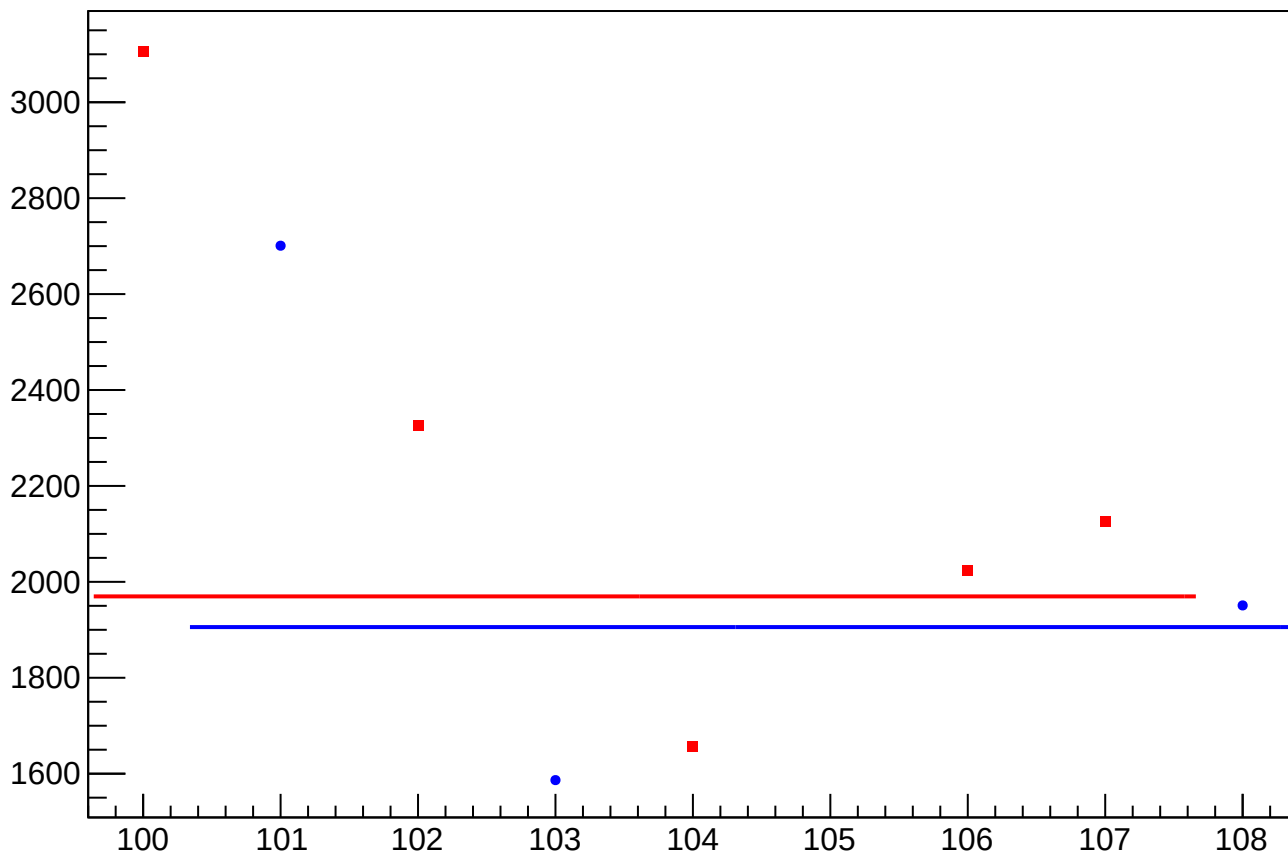
Right: -1253.398+/-1091.924 χ^2/NDF : 9.9/7

In: -655.163+/-1519.467 χ^2/NDF : 5.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1253.398+/-1091.924 χ^2/NDF : 9.9/7

eigen_dit_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1905.689+/-1.074 χ^2/NDF : 163057.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1969.673+/-1.106 χ^2/NDF : 83394.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

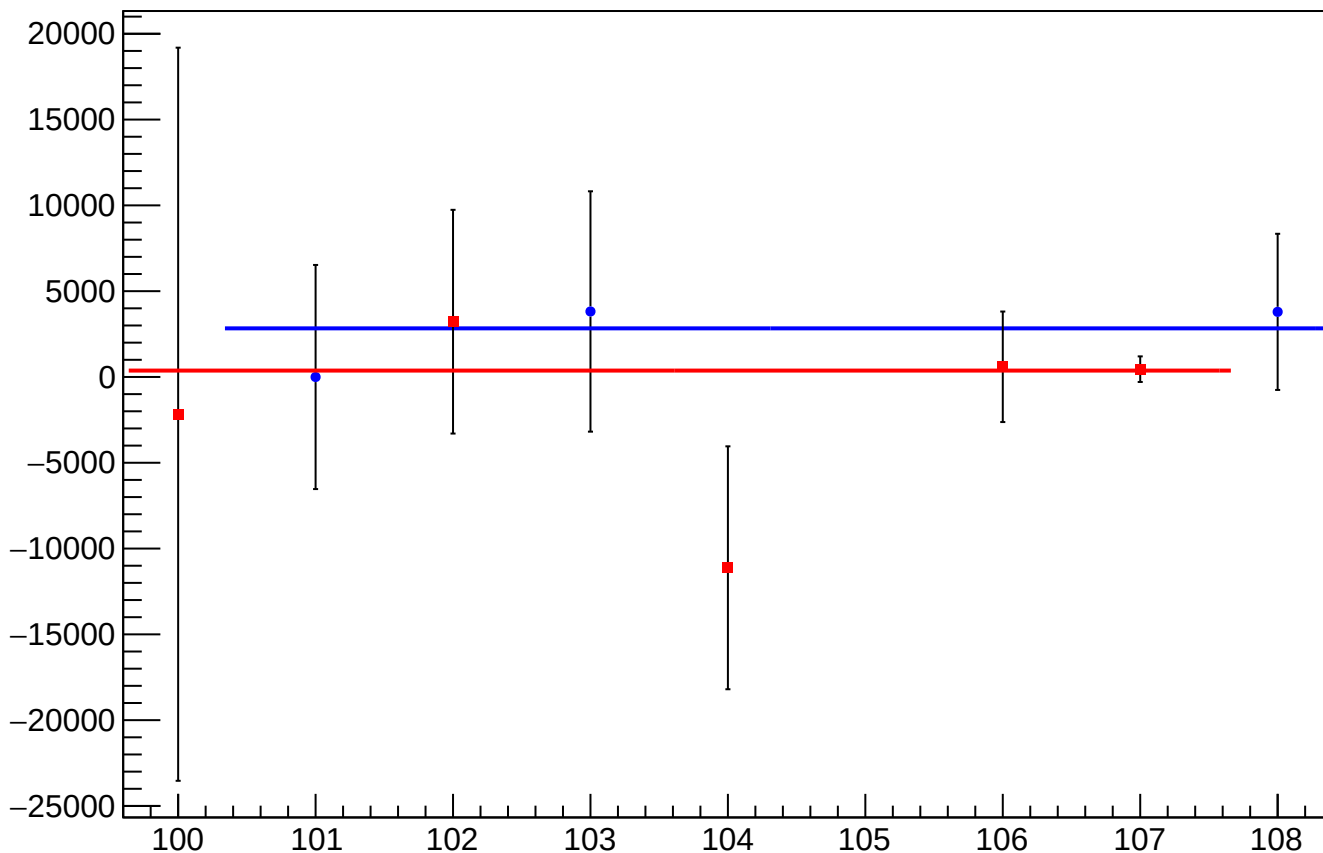
Right: 1936.764+/-0.771 χ^2/NDF : 248173.9/7

In: 1905.689+/-1.074 χ^2/NDF : 163057.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1936.764+/-0.771 χ^2/NDF : 248173.9/7

asym_atl1r2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 2832.738+/-3294.443 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 372.387+/-717.897 χ^2/NDF : 2.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

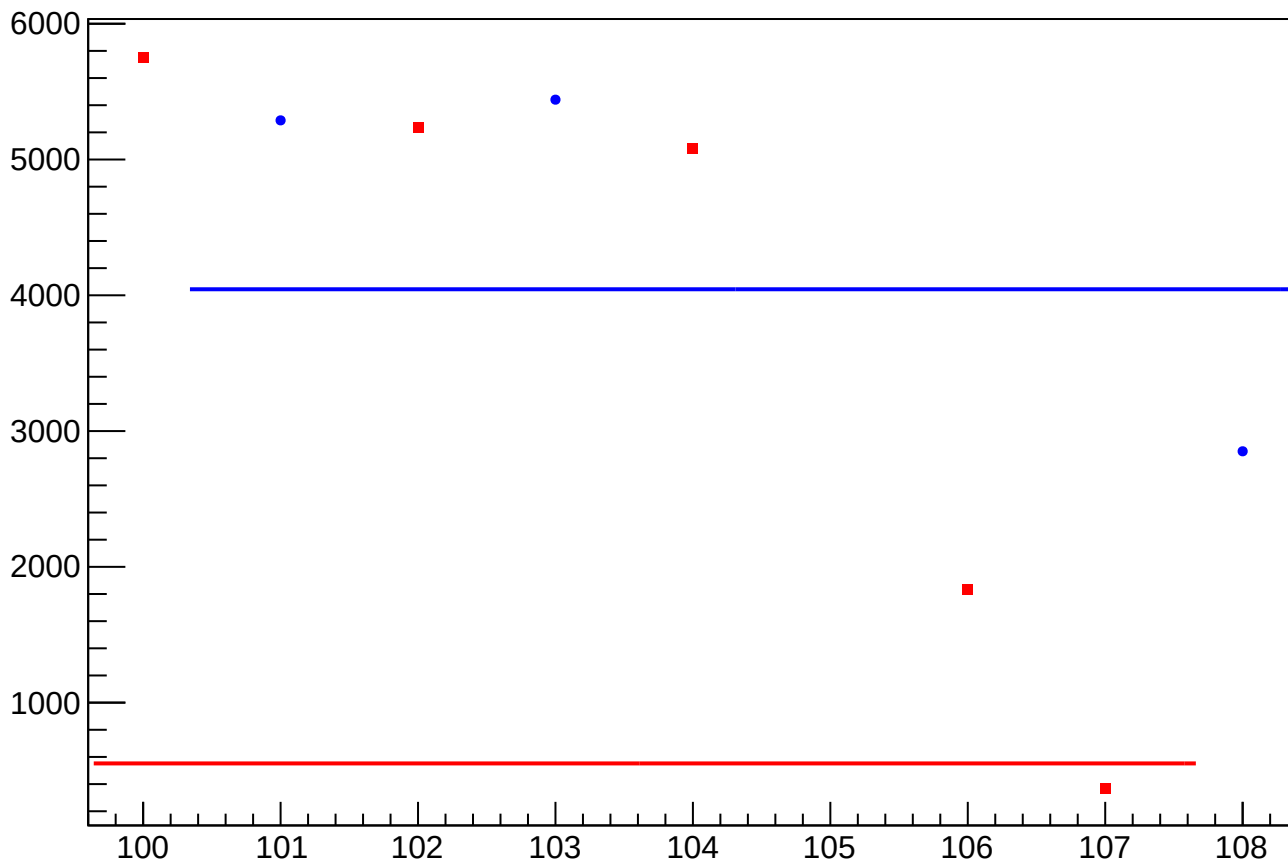
Right: 483.921+/-701.436 χ^2/NDF : 3.6/7

In: 2832.738+/-3294.443 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 483.921+/-701.436 χ^2/NDF : 3.6/7

asym_atl1r2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4044.416+/-2.330 χ^2/NDF : 289636.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 552.277+/-0.508 χ^2/NDF : 2409177.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

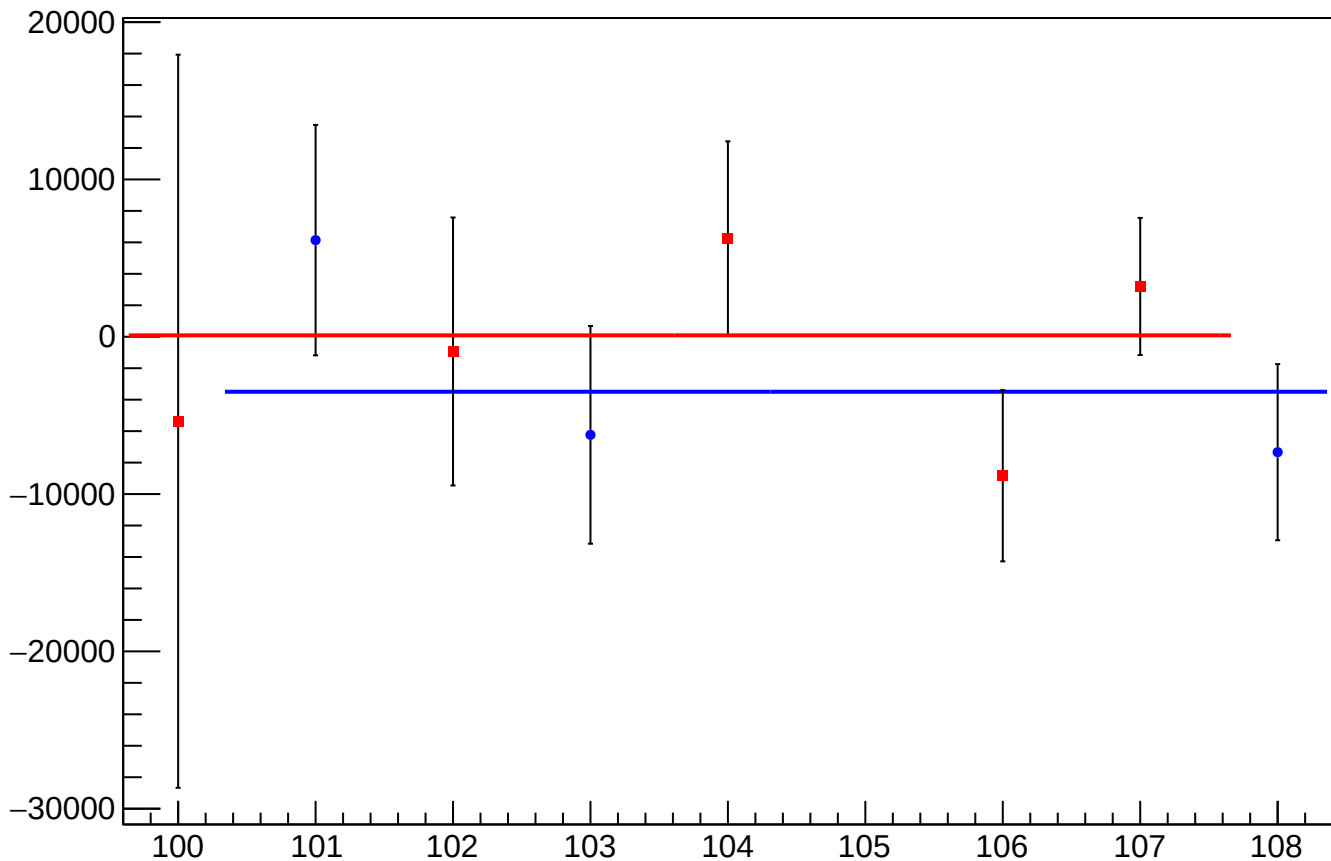
Right: 710.586+/-0.496 χ^2/NDF : 4844177.4/7

In: 4044.416+/-2.330 χ^2/NDF : 289636.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 710.586+/-0.496 χ^2/NDF : 4844177.4/7

asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -3495.383+/-3742.128 χ^2/NDF : 2.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.660+/-2791.679 χ^2/NDF : 4.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

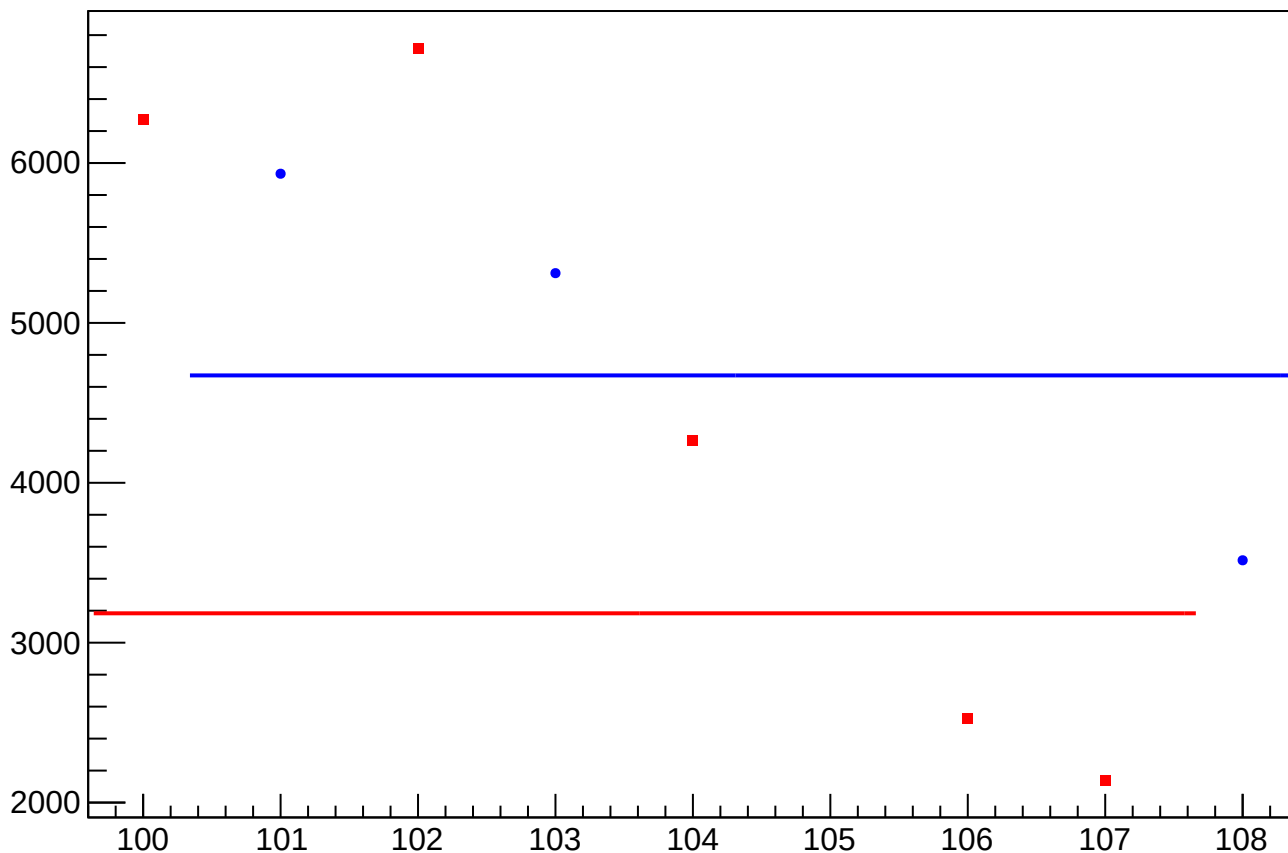
Right: -1192.808+/-2237.617 χ^2/NDF : 7.2/7

In: -3495.383+/-3742.128 χ^2/NDF : 2.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1192.808+/-2237.617 χ^2/NDF : 7.2/7

asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 4671.625+/-2.646 χ^2/NDF : 161686.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3183.704+/-1.912 χ^2/NDF : 591509.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

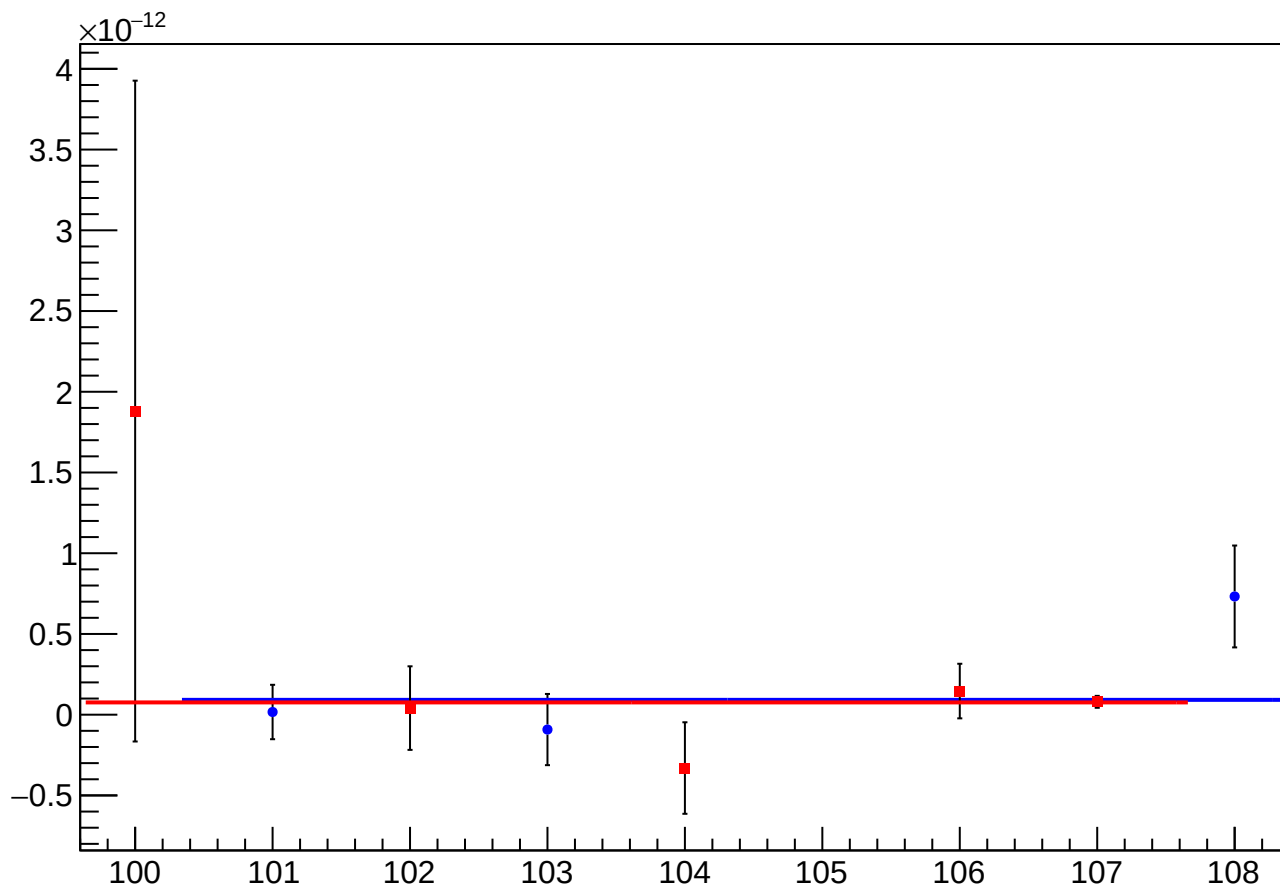
Right: 3694.204+/-1.550 χ^2/NDF : 960904.2/7

In: 4671.625+/-2.646 χ^2/NDF : 161686.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3694.204+/-1.550 χ^2/NDF : 960904.2/7

asym_atl1r2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

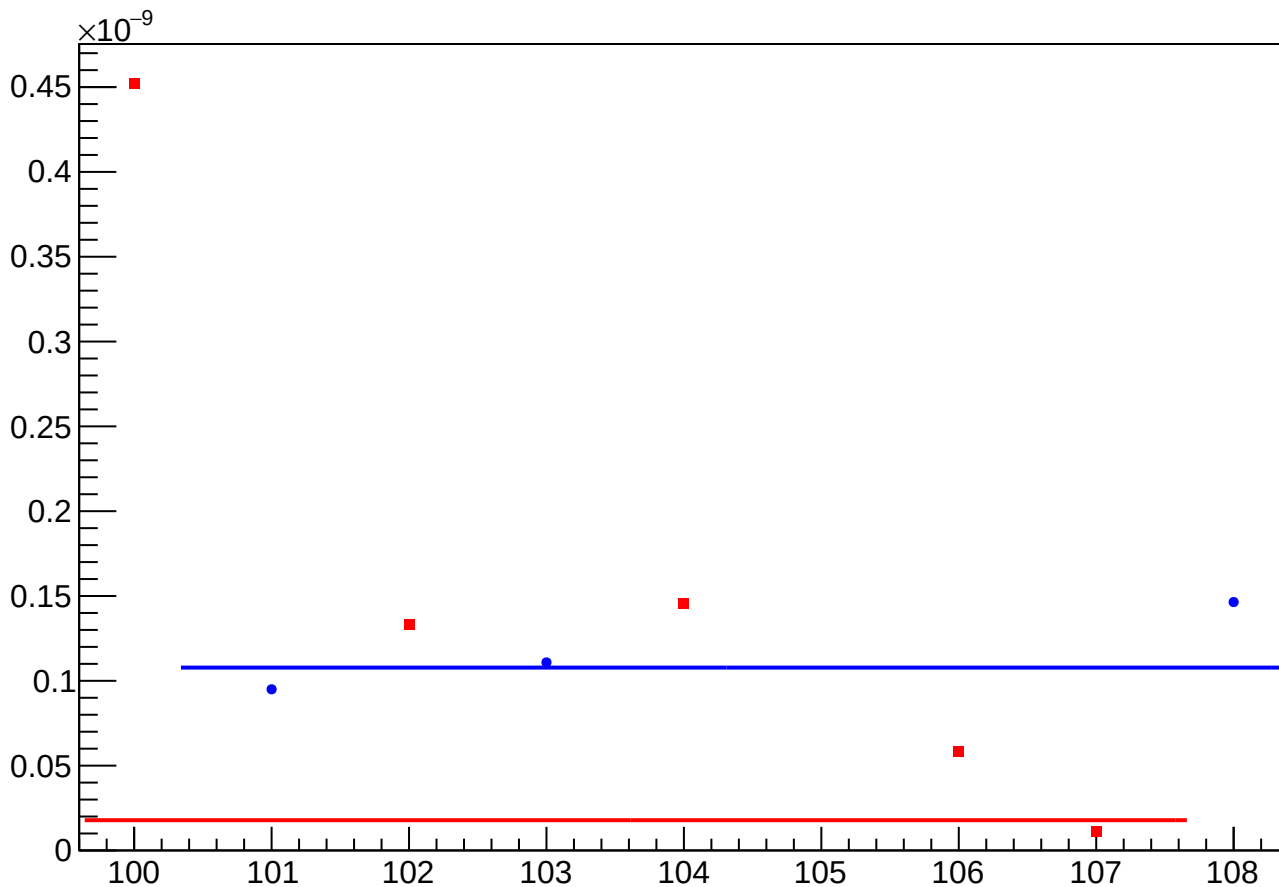
Right: 0.000+/-0.000 χ^2/NDF : 8.1/7

In: 0.000+/-0.000 χ^2/NDF : 5.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.1/7

asym_atl1r2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 41906.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1069594.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

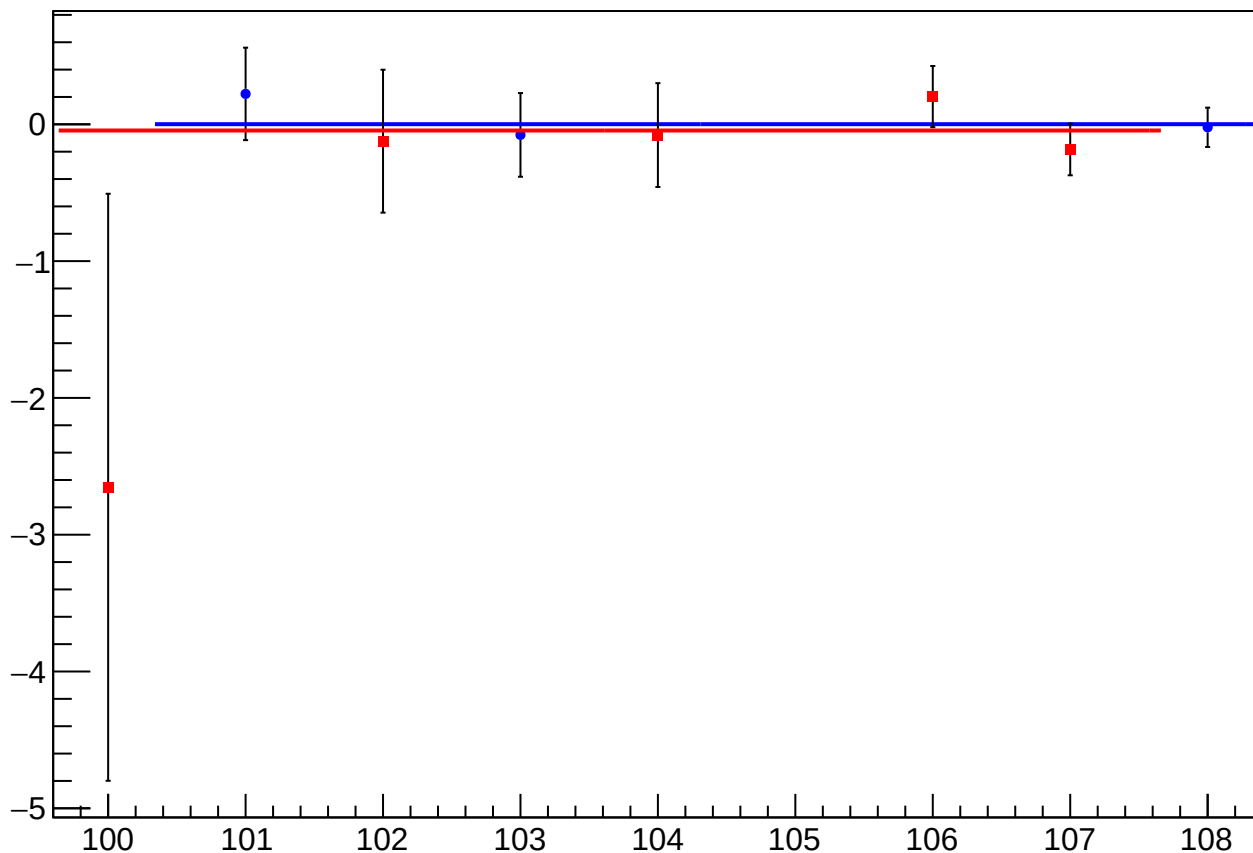
Right: 0.000+/-0.000 χ^2/NDF : 2096090.2/7

In: 0.000+/-0.000 χ^2/NDF : 41906.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2096090.2/7

asym_atl1r2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.121 χ^2 /NDF: 0.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.045 $\pm$ 0.130 χ^2 /NDF: 3.3/4

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

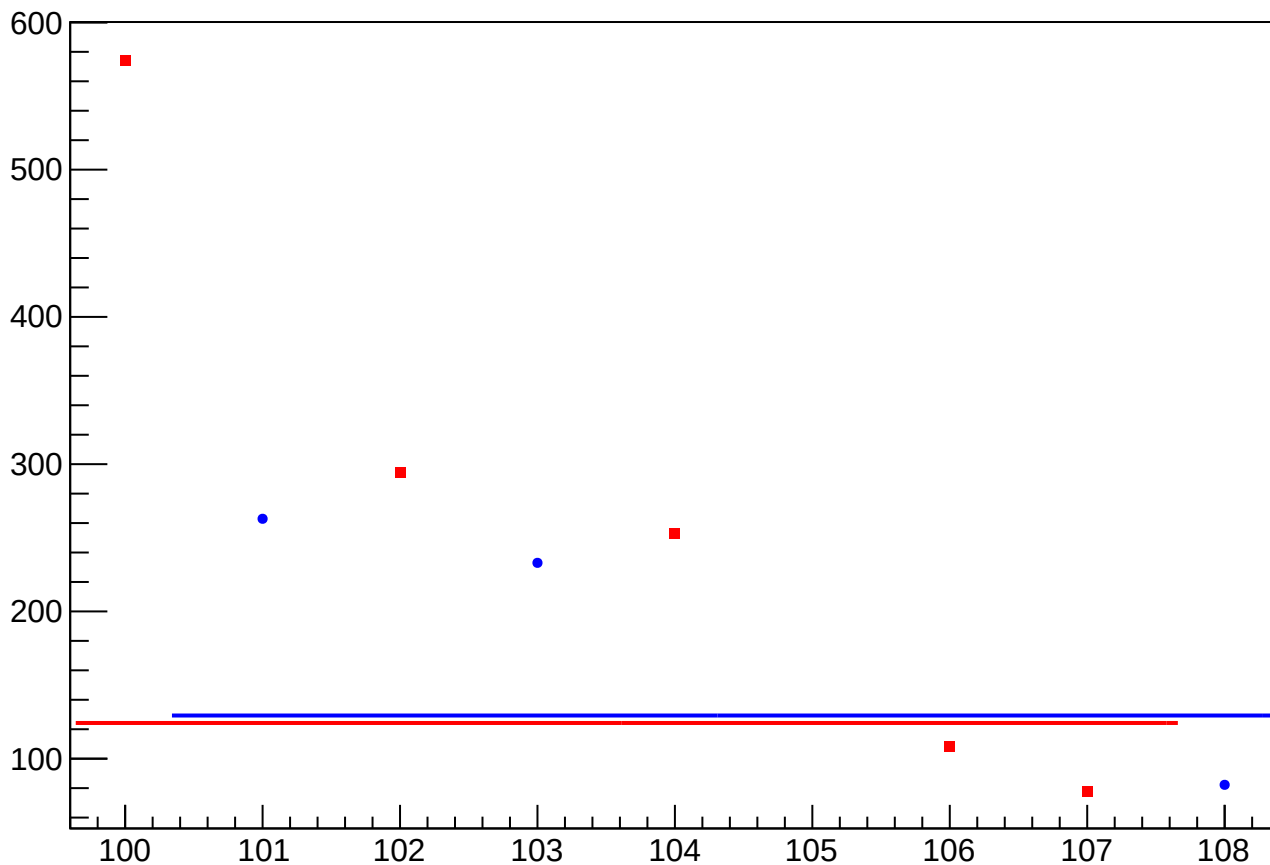
Right: -0.020 $\pm$ 0.089 χ^2 /NDF: 3.9/7

In: 0.001 $\pm$ 0.121 χ^2 /NDF:0.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.020 $\pm$ 0.089 χ^2 /NDF: 3.9/7

asym_atl1r2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.315+/-0.086 χ^2/NDF : 756679.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.245+/-0.092 χ^2/NDF : 662489.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

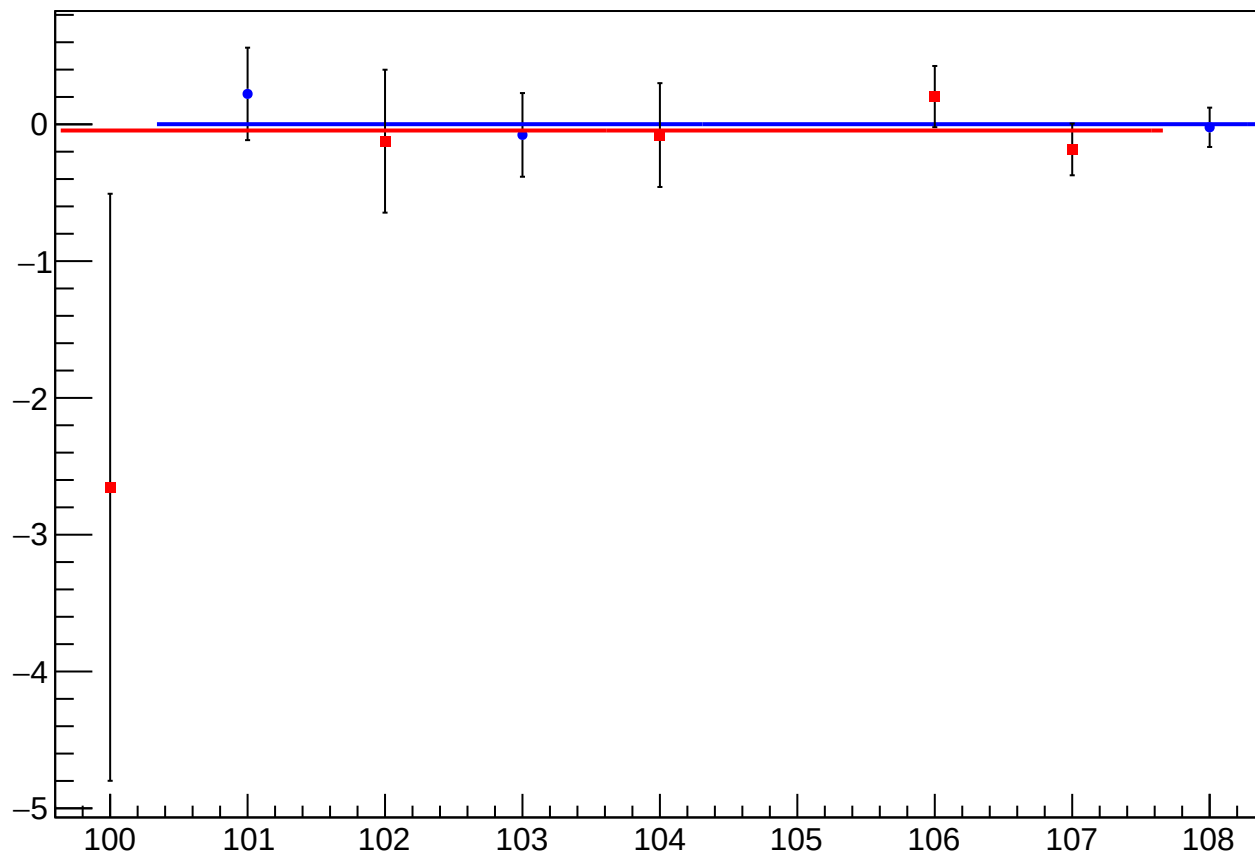
Right: 126.961+/-0.063 χ^2/NDF : 1420788.4/7

In: 129.315+/-0.086 χ^2/NDF : 756679.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.961+/-0.063 χ^2/NDF : 1420788.4/7

asym_atl1r2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.121 χ^2 /NDF: 0.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.045 $\pm$ 0.130 χ^2 /NDF: 3.3/4

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

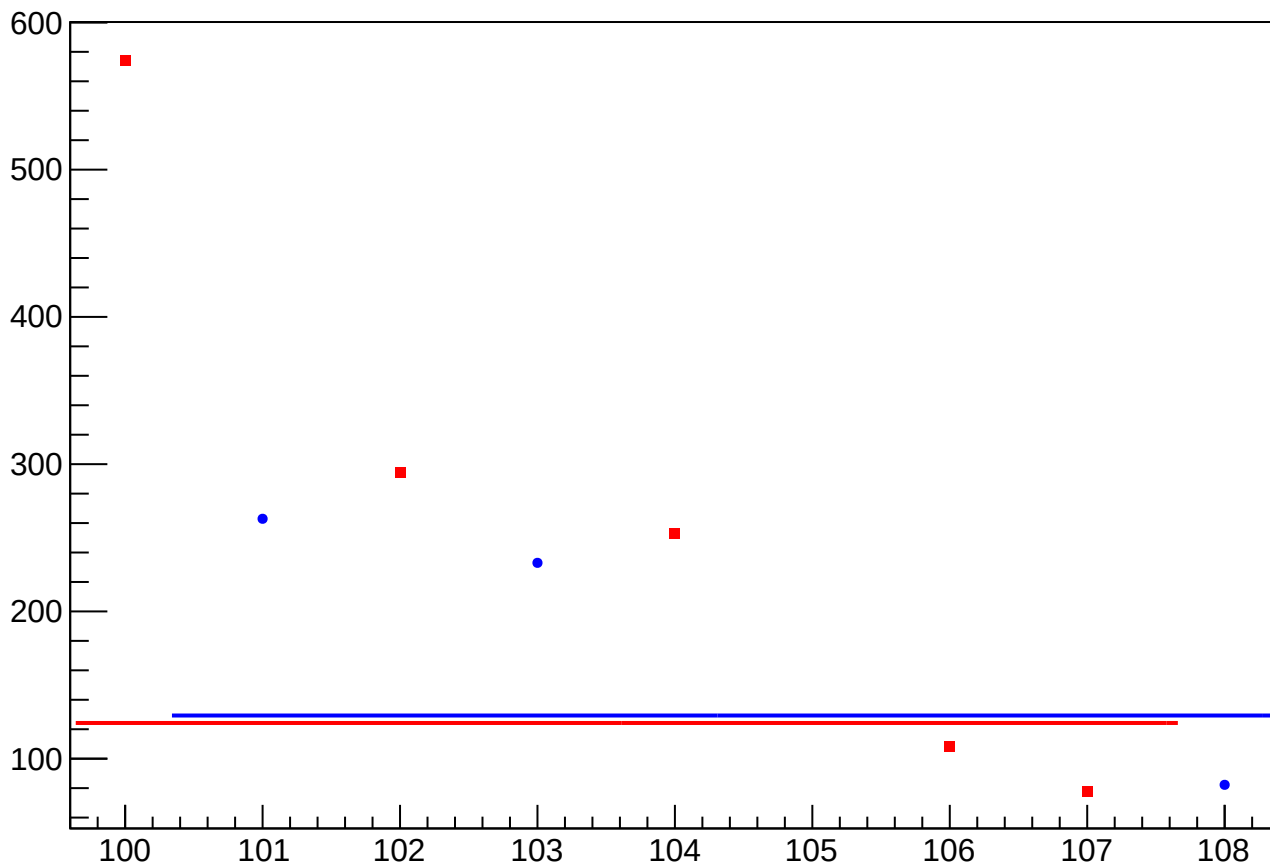
Right: -0.020 $\pm$ 0.089 χ^2 /NDF: 3.9/7

In: 0.001 $\pm$ 0.121 χ^2 /NDF:0.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.020 $\pm$ 0.089 χ^2 /NDF: 3.9/7

asym_atl1r2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.315+/-0.086 χ^2/NDF : 756679.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.245+/-0.092 χ^2/NDF : 662489.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

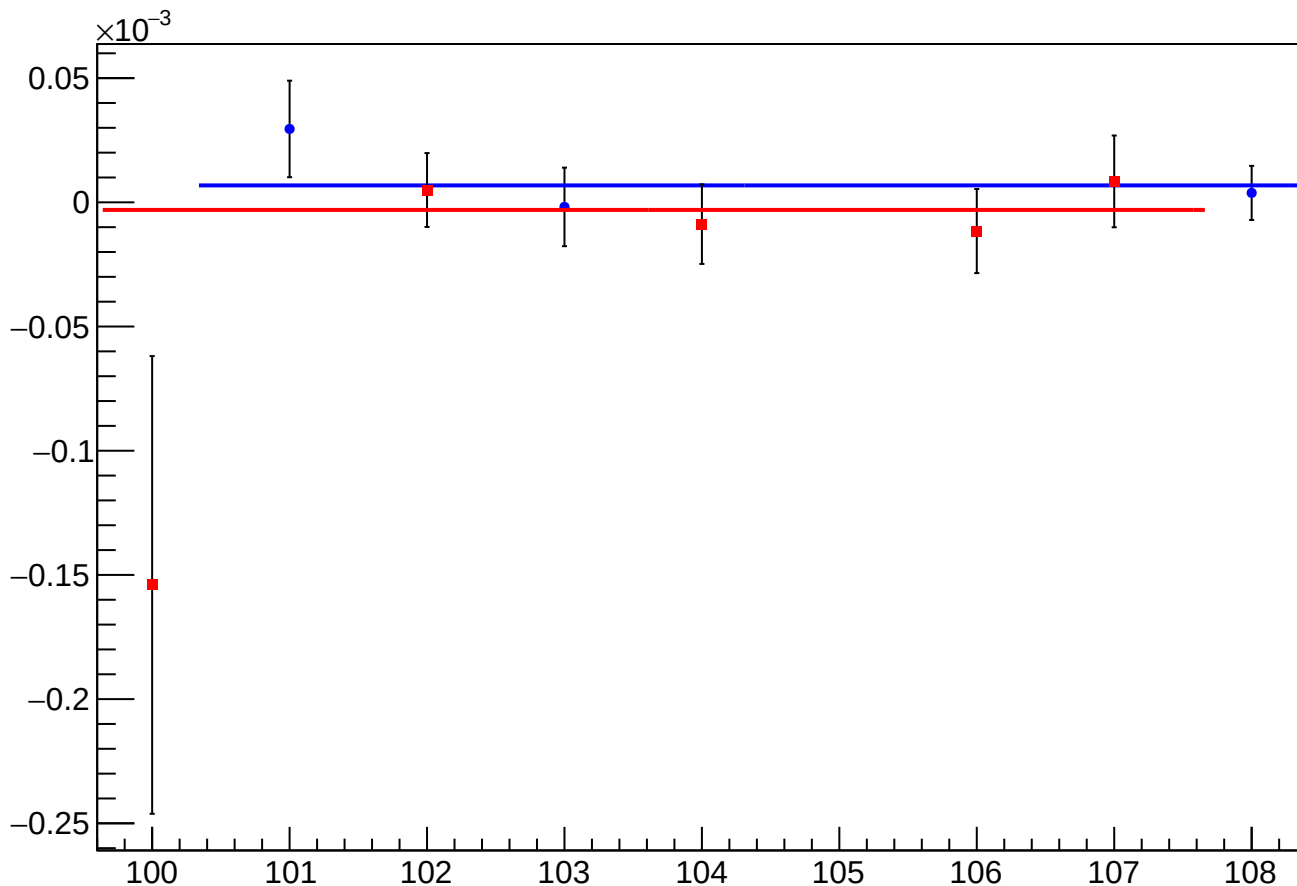
Right: 126.961+/-0.063 χ^2/NDF : 1420788.4/7

In: 129.315+/-0.086 χ^2/NDF : 756679.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.961+/-0.063 χ^2/NDF : 1420788.4/7

asym_atl1r2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.7/4

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

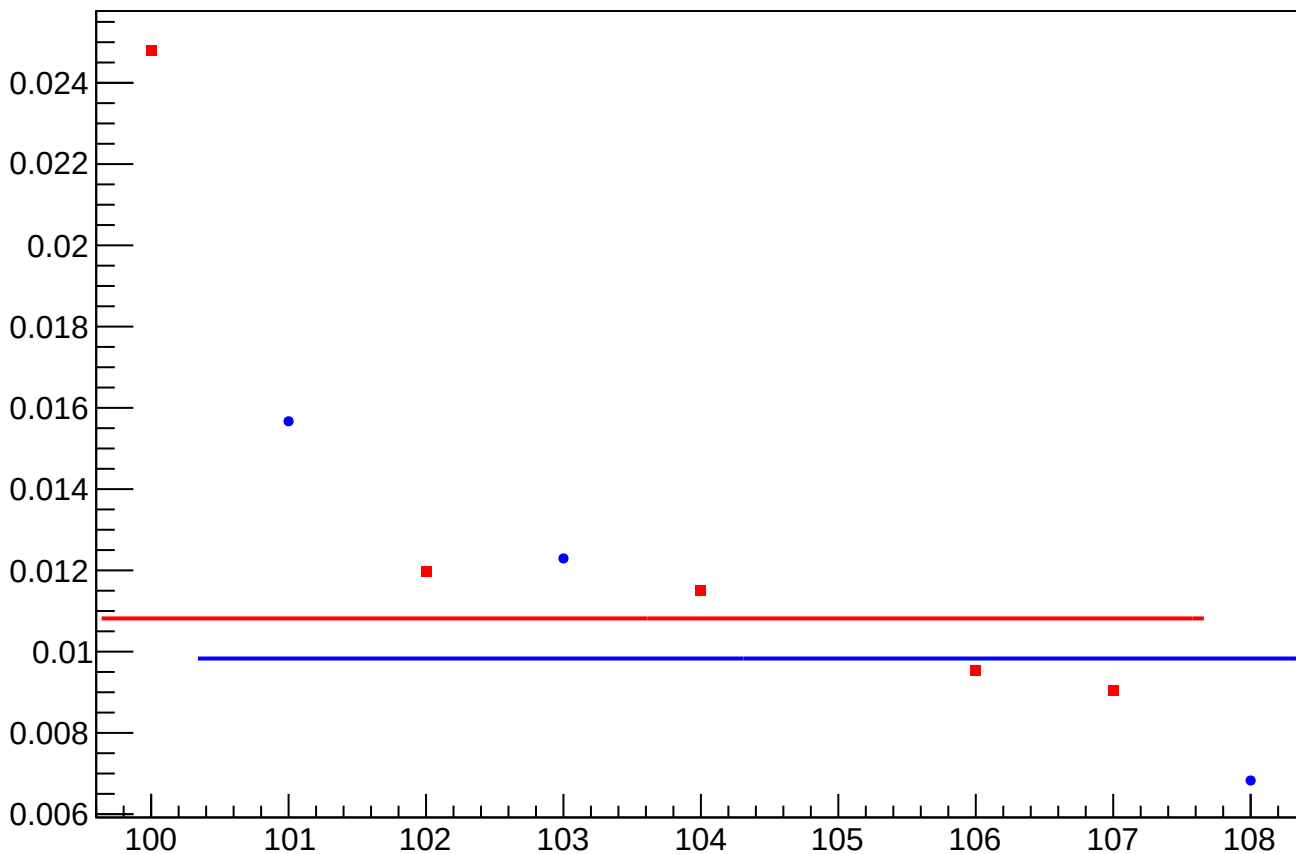
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.2/7

In: 0.000 $\pm$ 0.000 χ^2 /NDF:1.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.2/7

asym_atl1r2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 381027.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 91587.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

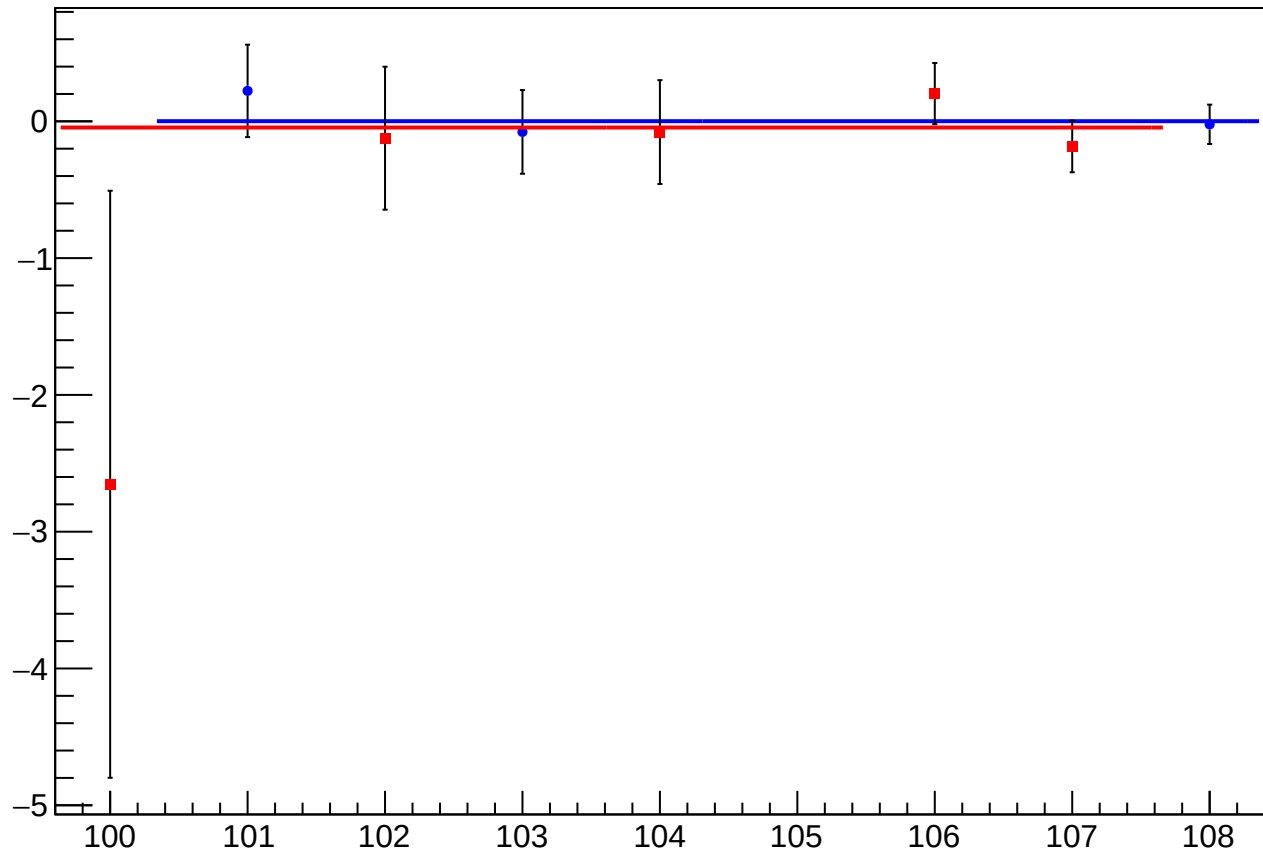
Right: 0.010+/-0.000 χ^2/NDF : 487238.3/7

In: 0.010+/-0.000 χ^2/NDF : 381027.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 487238.3/7

asym_atl1r2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.121 χ^2 /NDF: 0.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.045 $\pm$ 0.130 χ^2 /NDF: 3.3/4

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

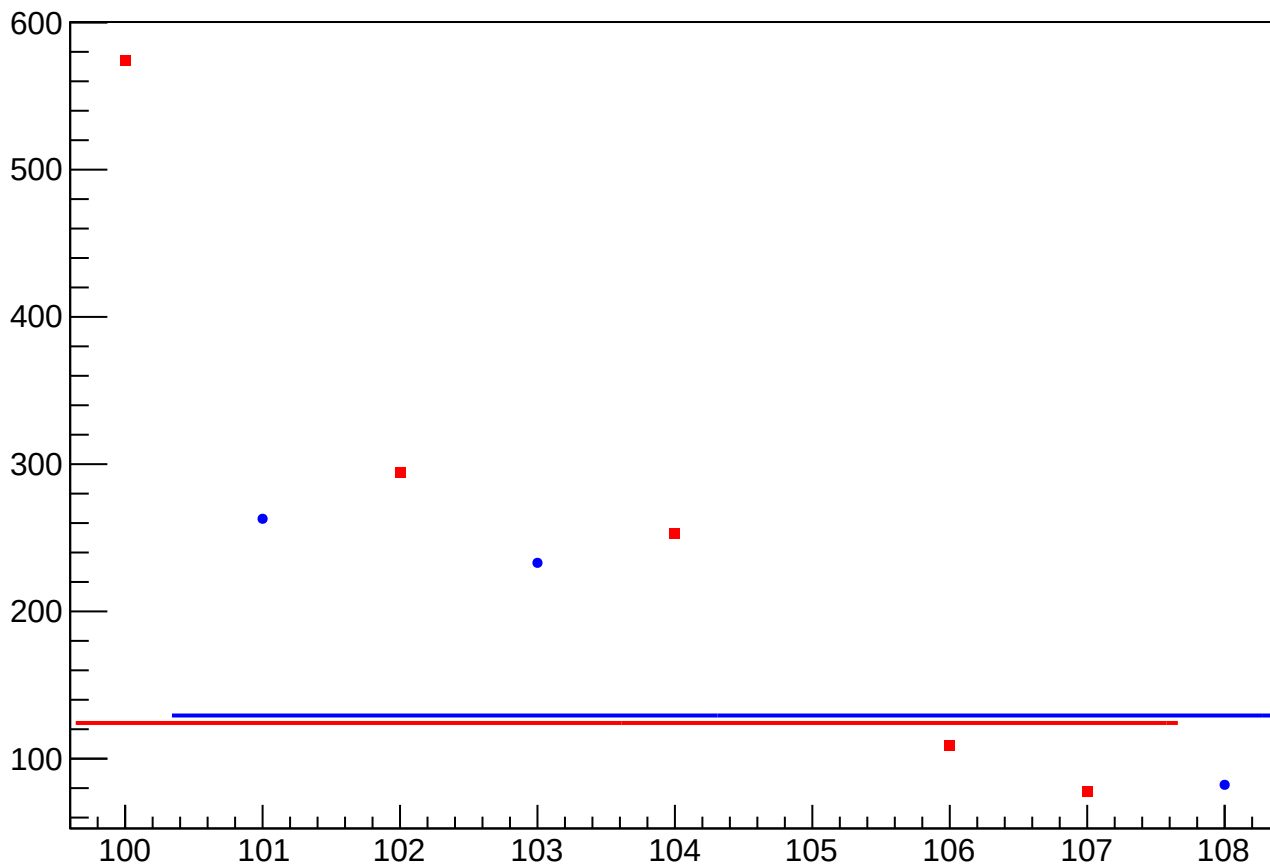
Right: -0.020 $\pm$ 0.089 χ^2 /NDF: 3.9/7

In: 0.001 $\pm$ 0.121 χ^2 /NDF:0.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.020 $\pm$ 0.089 χ^2 /NDF: 3.9/7

asym_atl1r2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.315+/-0.086 χ^2/NDF : 756680.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.244+/-0.092 χ^2/NDF : 662518.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

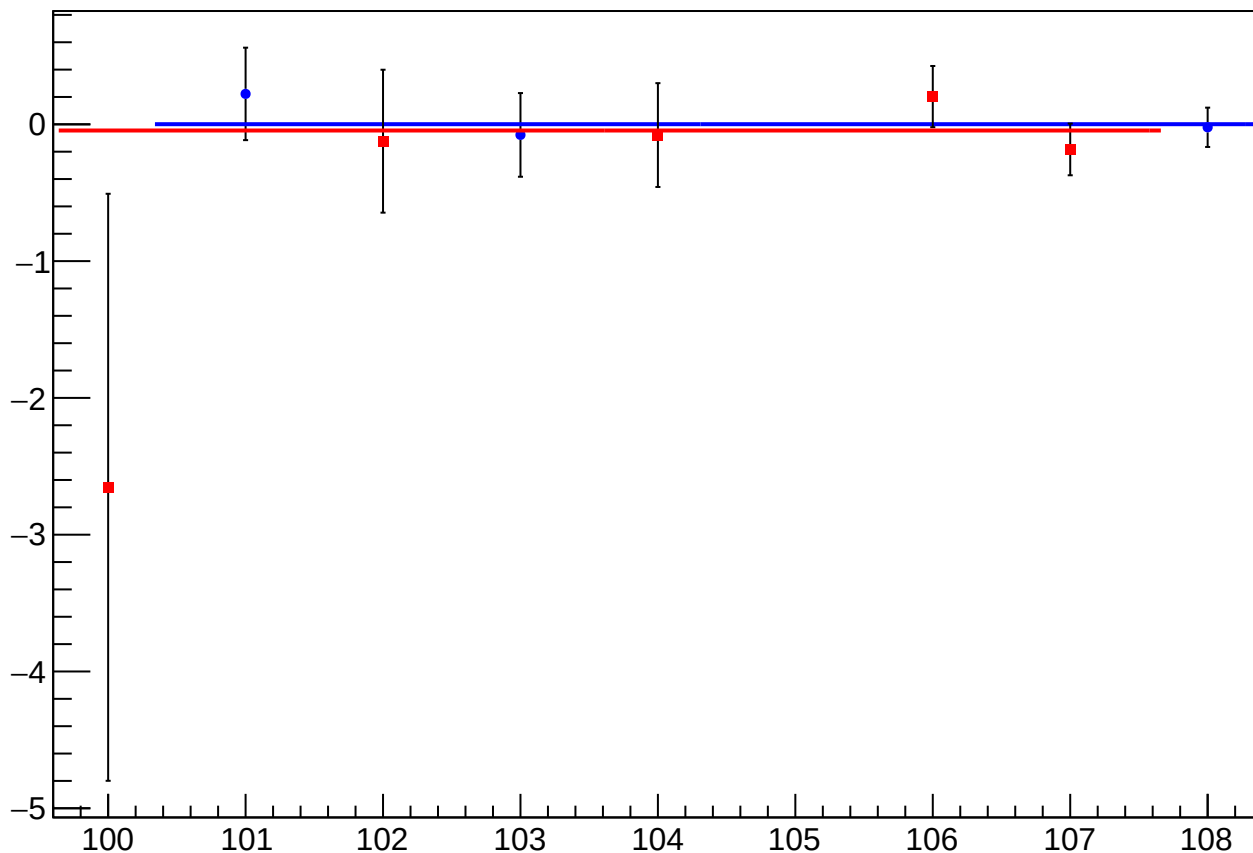
Right: 126.960+/-0.063 χ^2/NDF : 1420818.5/7

In: 129.315+/-0.086 χ^2/NDF : 756680.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.960+/-0.063 χ^2/NDF : 1420818.5/7

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.121 χ^2 /NDF: 0.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.045 $\pm$ 0.130 χ^2 /NDF: 3.3/4

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

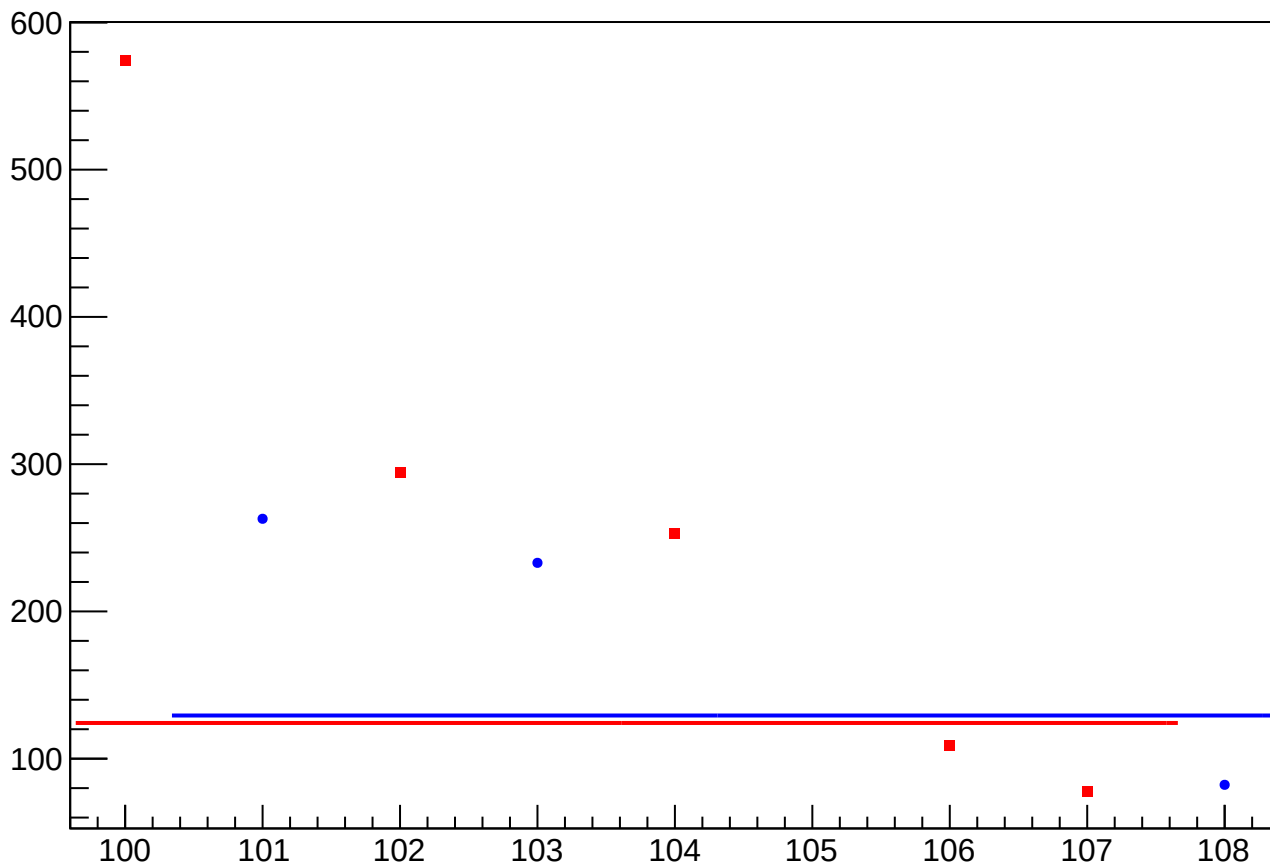
Right: -0.020 $\pm$ 0.089 χ^2 /NDF: 3.9/7

In: 0.001 $\pm$ 0.121 χ^2 /NDF:0.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.020 $\pm$ 0.089 χ^2 /NDF: 3.9/7

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.315+/-0.086 χ^2/NDF : 756680.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.244+/-0.092 χ^2/NDF : 662518.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

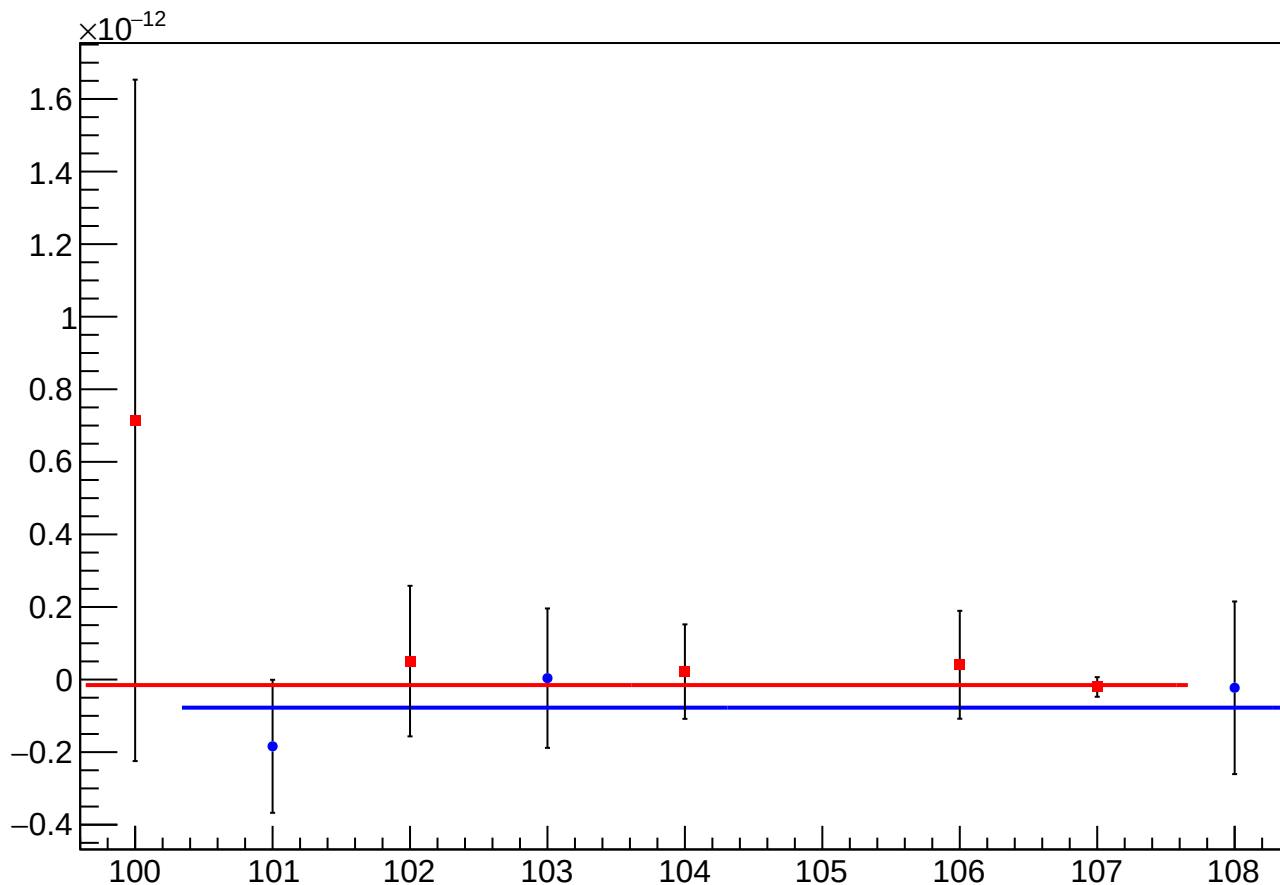
Right: 126.960+/-0.063 χ^2/NDF : 1420818.5/7

In: 129.315+/-0.086 χ^2/NDF : 756680.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.960+/-0.063 χ^2/NDF : 1420818.5/7

asym_atl1r2_dd_eigen_cor_vs_slug_sign_corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

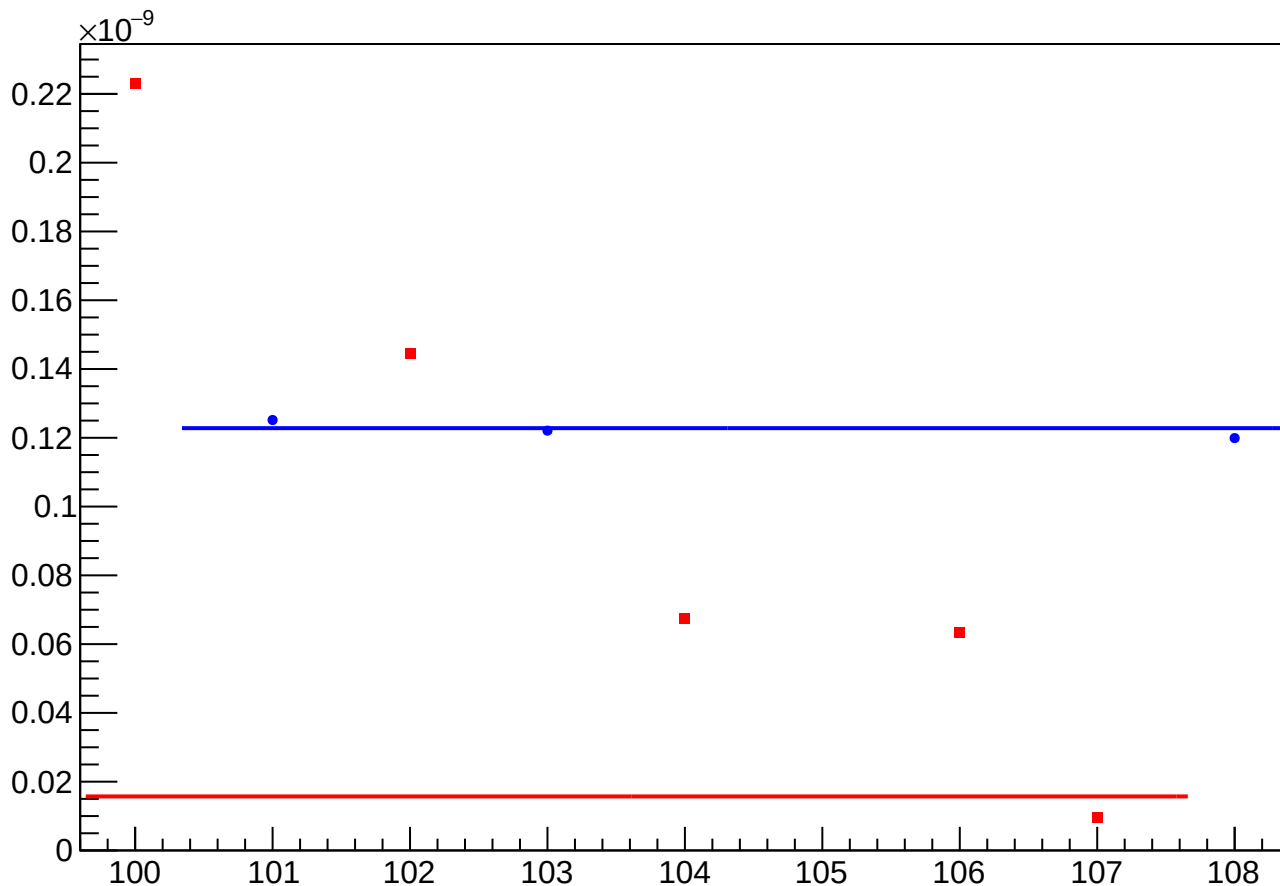
Right: -0.000+/-0.000 χ^2/NDF : 1.8/7

In: -0.000+/-0.000 χ^2/NDF : 0.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1.8/7

asym_atl1r2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 656.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1493189.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

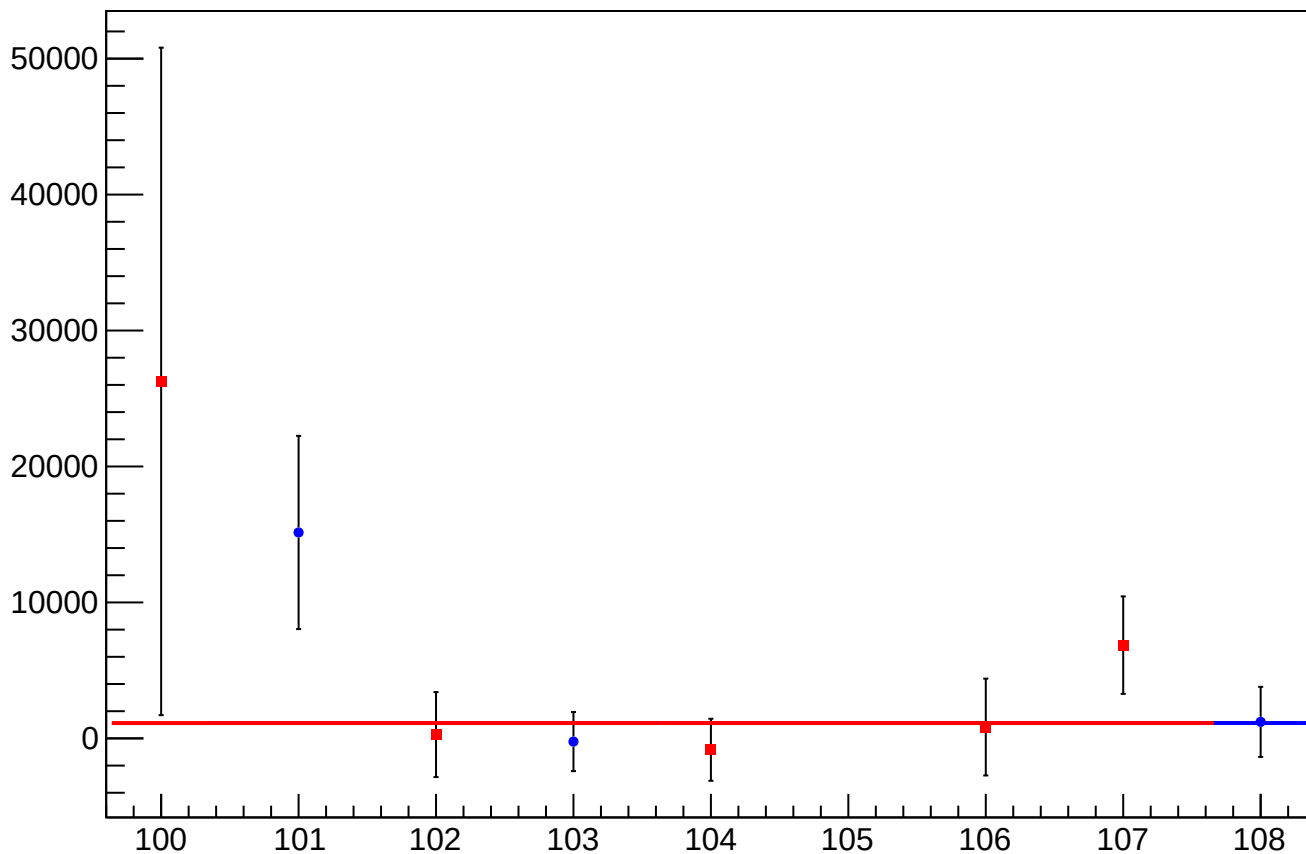
Right: 0.000+/-0.000 χ^2/NDF : 3122615.8/7

In: 0.000+/-0.000 χ^2/NDF : 656.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3122615.8/7

reg_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1132.646+/-1617.608 χ^2/NDF : 4.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1128.813+/-1486.196 χ^2/NDF : 4.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

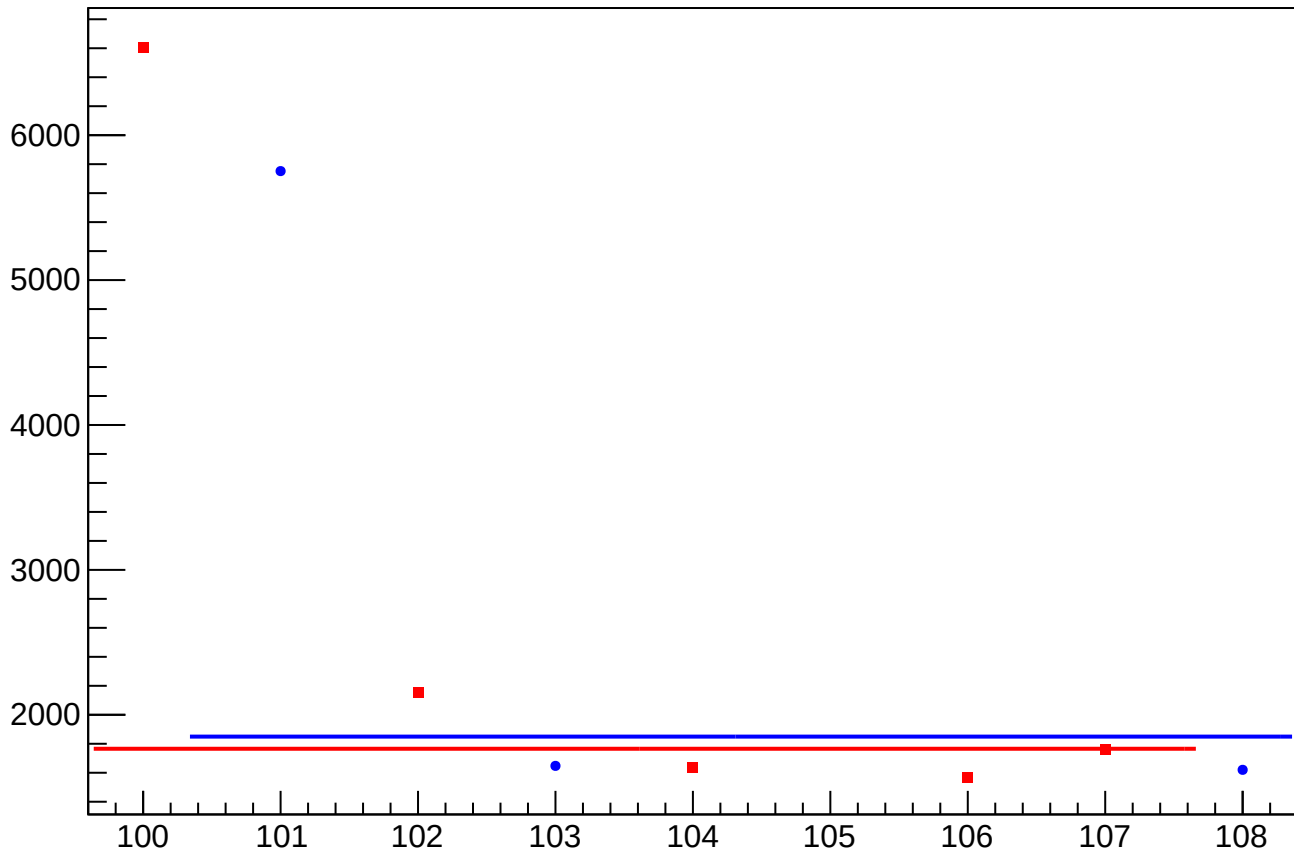
Right: 1130.568+/-1094.413 χ^2/NDF : 8.7/7

In: 1132.646+/-1617.608 χ^2/NDF : 4.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1130.568+/-1094.413 χ^2/NDF : 8.7/7

reg_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1849.456+/-1.144 χ^2/NDF : 636435.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1765.548+/-1.013 χ^2/NDF : 124284.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

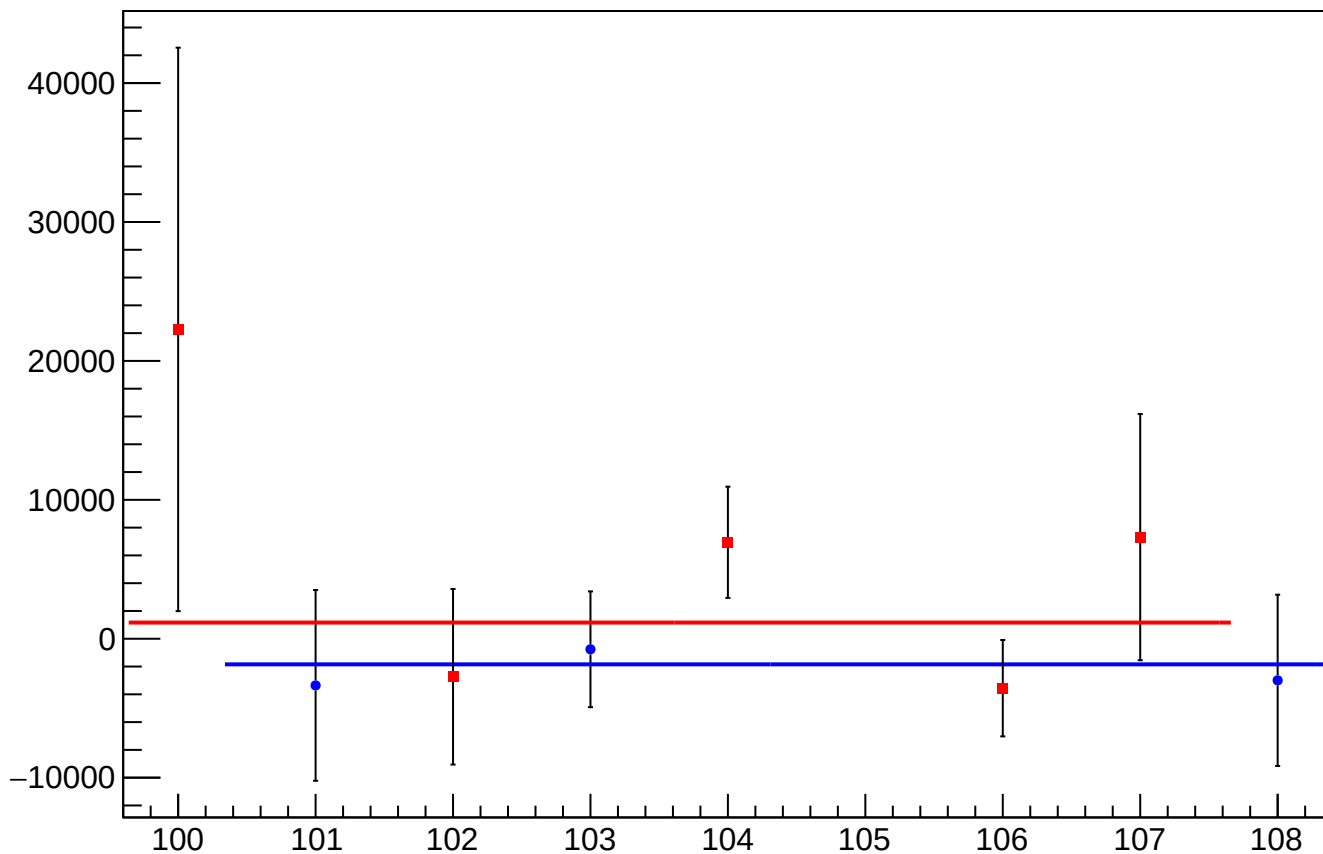
Right: 1802.430+/-0.758 χ^2/NDF : 763735.8/7

In: 1849.456+/-1.144 χ^2/NDF : 636435.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1802.430+/-0.758 χ^2/NDF : 763735.8/7

asym_atr1l2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1842.540 $\pm$ 3084.549 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1165.746 $\pm$ 2320.724 χ^2 /NDF: 5.9/4

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

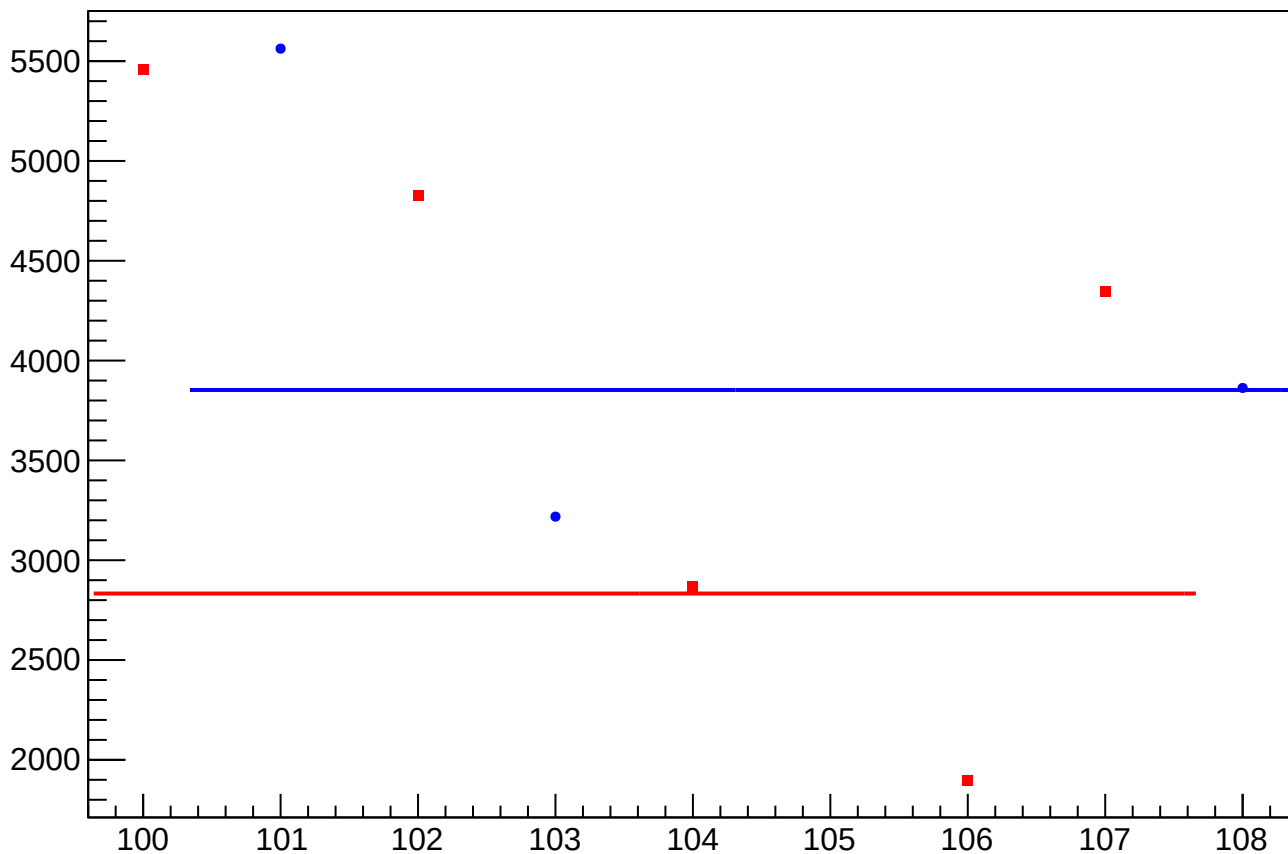
Right: 78.385 $\pm$ 1854.467 χ^2 /NDF: 6.6/7

In: -1842.540 $\pm$ 3084.549 χ^2 /NDF: 0.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 78.385 $\pm$ 1854.467 χ^2 /NDF: 6.6/7

asym_atr1l2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3852.749+/-2.181 χ^2/NDF : 170352.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2833.172+/-1.641 χ^2/NDF : 436504.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

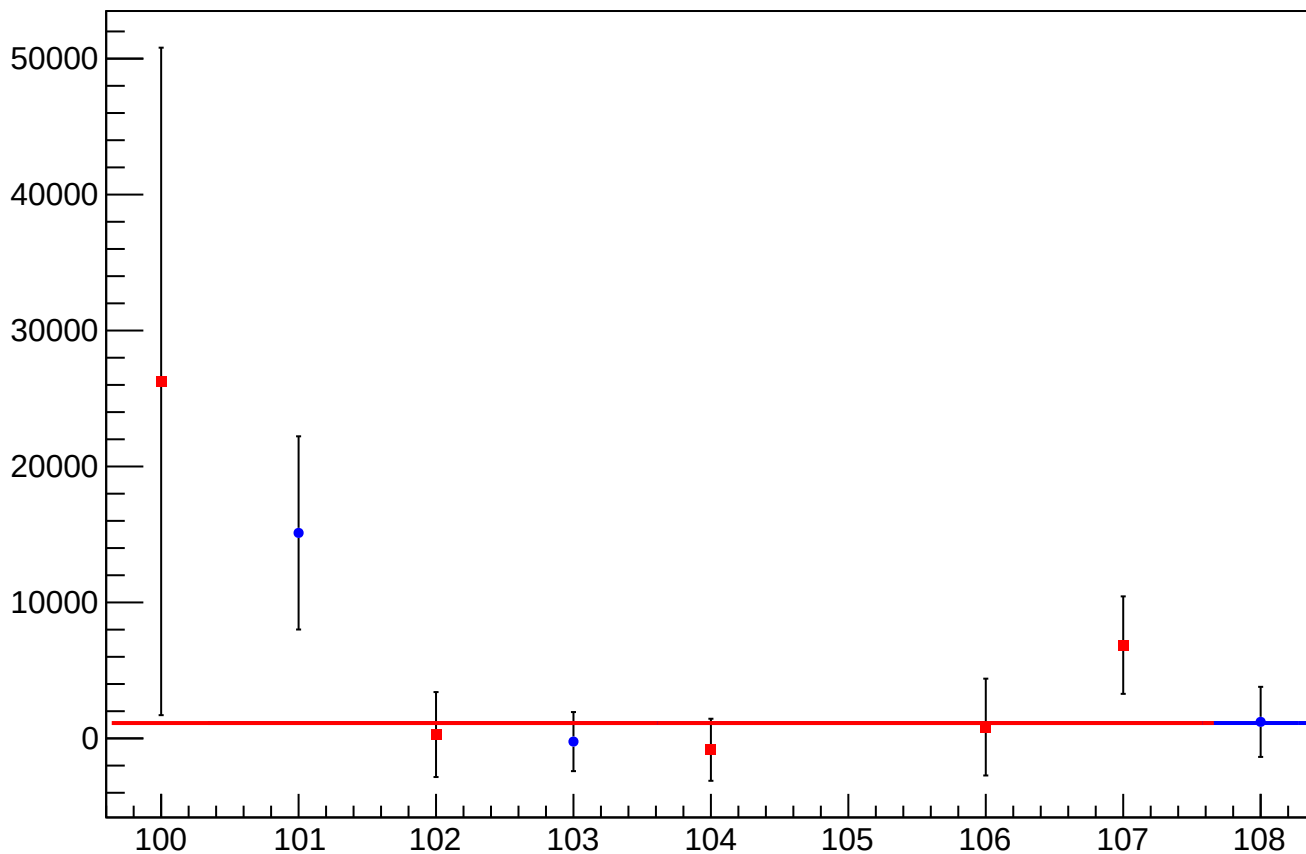
Right: 3201.704+/-1.311 χ^2/NDF : 746390.3/7

In: 3852.749+/-2.181 χ^2/NDF : 170352.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3201.704+/-1.311 χ^2/NDF : 746390.3/7

cor_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1130.970+/-1617.609 χ^2/NDF : 4.3/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1129.262+/-1486.196 χ^2/NDF : 4.4/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

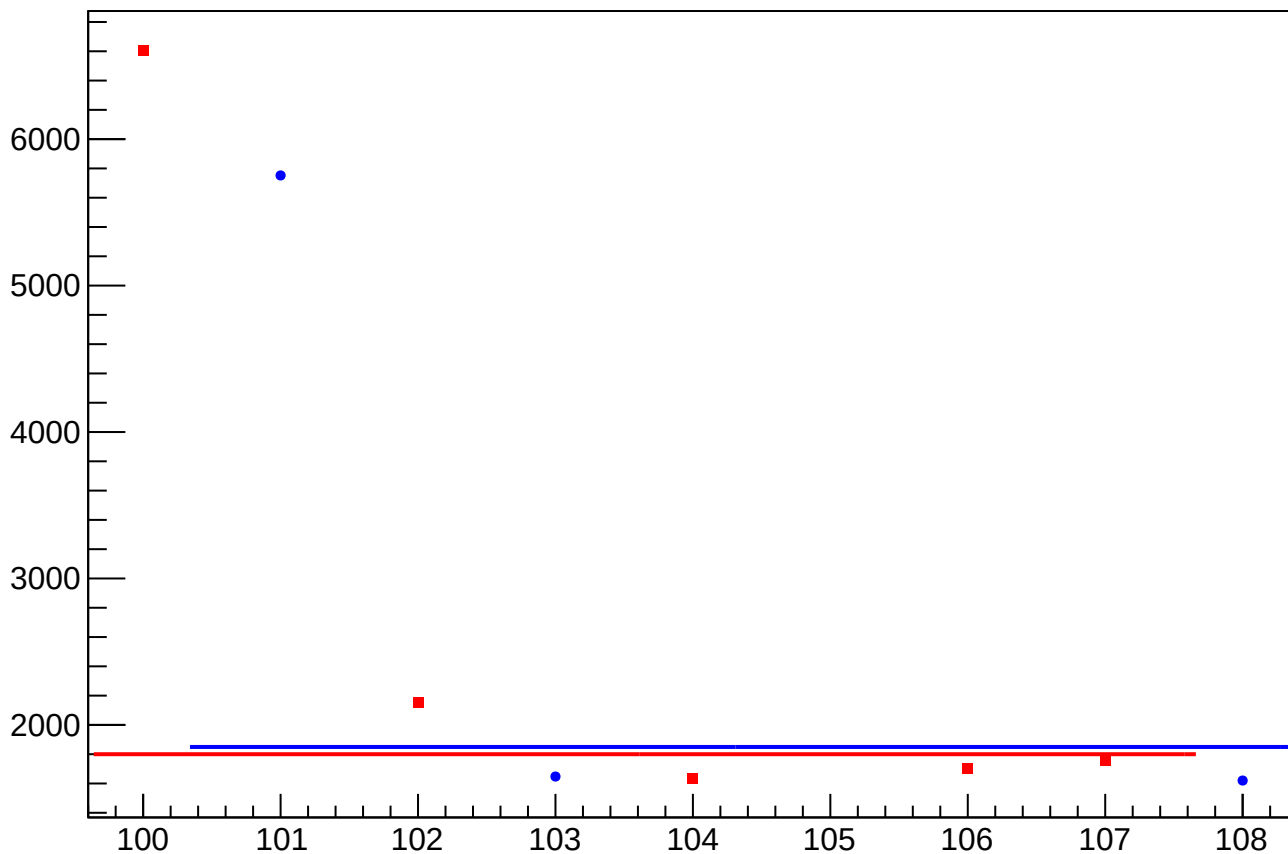
Right: 1130.044+/-1094.413 χ^2/NDF : 8.7/7

In: 1130.970+/-1617.609 χ^2/NDF :4.3/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1130.044+/-1094.413 χ^2/NDF : 8.7/7

cor_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1849.454+/-1.144 χ^2/NDF : 636435.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1799.936+/-1.031 χ^2/NDF : 115083.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

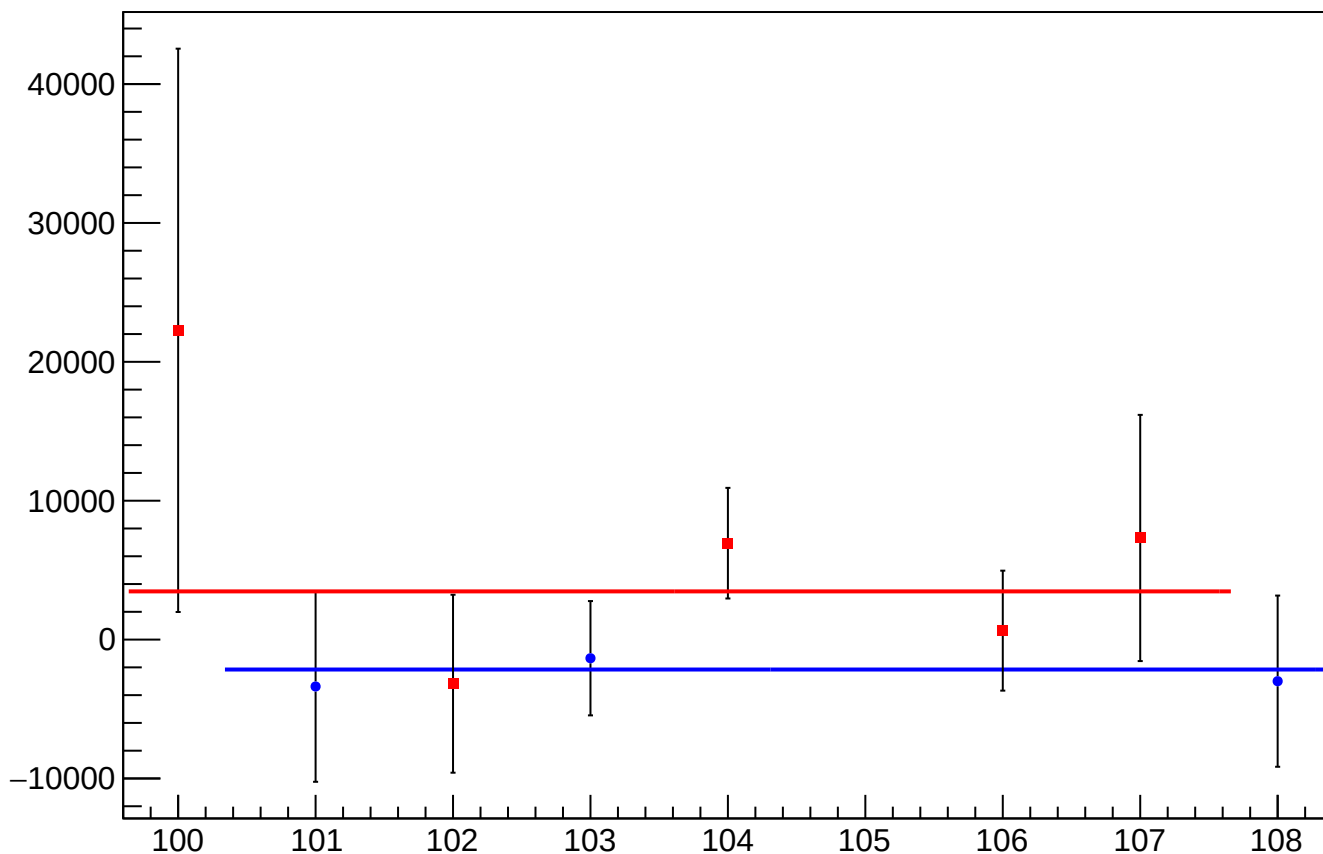
Right: 1822.137+/-0.766 χ^2/NDF : 752552.8/7

In: 1849.454+/-1.144 χ^2/NDF : 636435.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1822.137+/-0.766 χ^2/NDF : 752552.8/7

asym_atr1l2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -2155.099+/-3062.810 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3470.868+/-2530.549 χ^2/NDF : 3.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

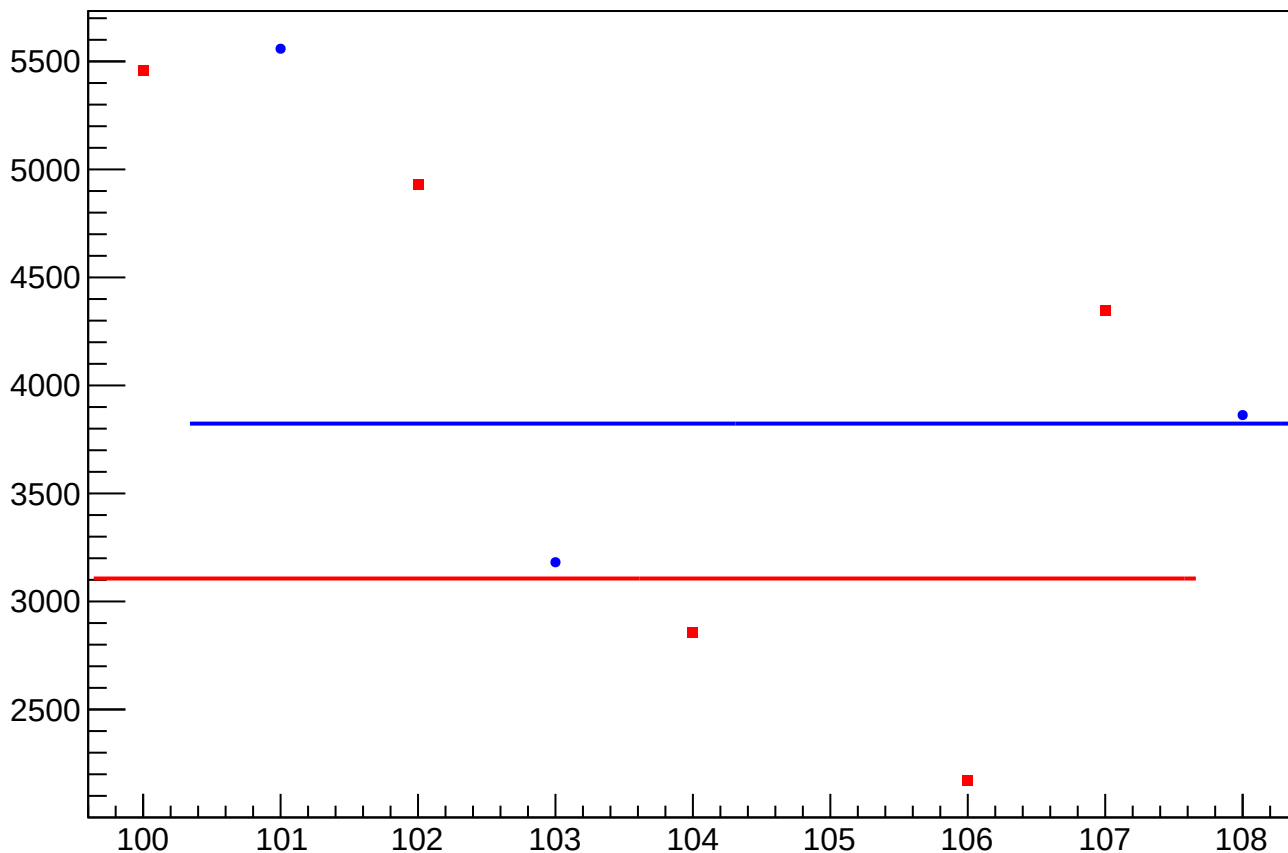
Right: 1188.444+/-1950.831 χ^2/NDF : 5.4/7

In: -2155.099+/-3062.810 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1188.444+/-1950.831 χ^2/NDF : 5.4/7

asym_atr1l2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3823.337+/-2.166 χ^2/NDF : 176627.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3106.235+/-1.789 χ^2/NDF : 329231.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

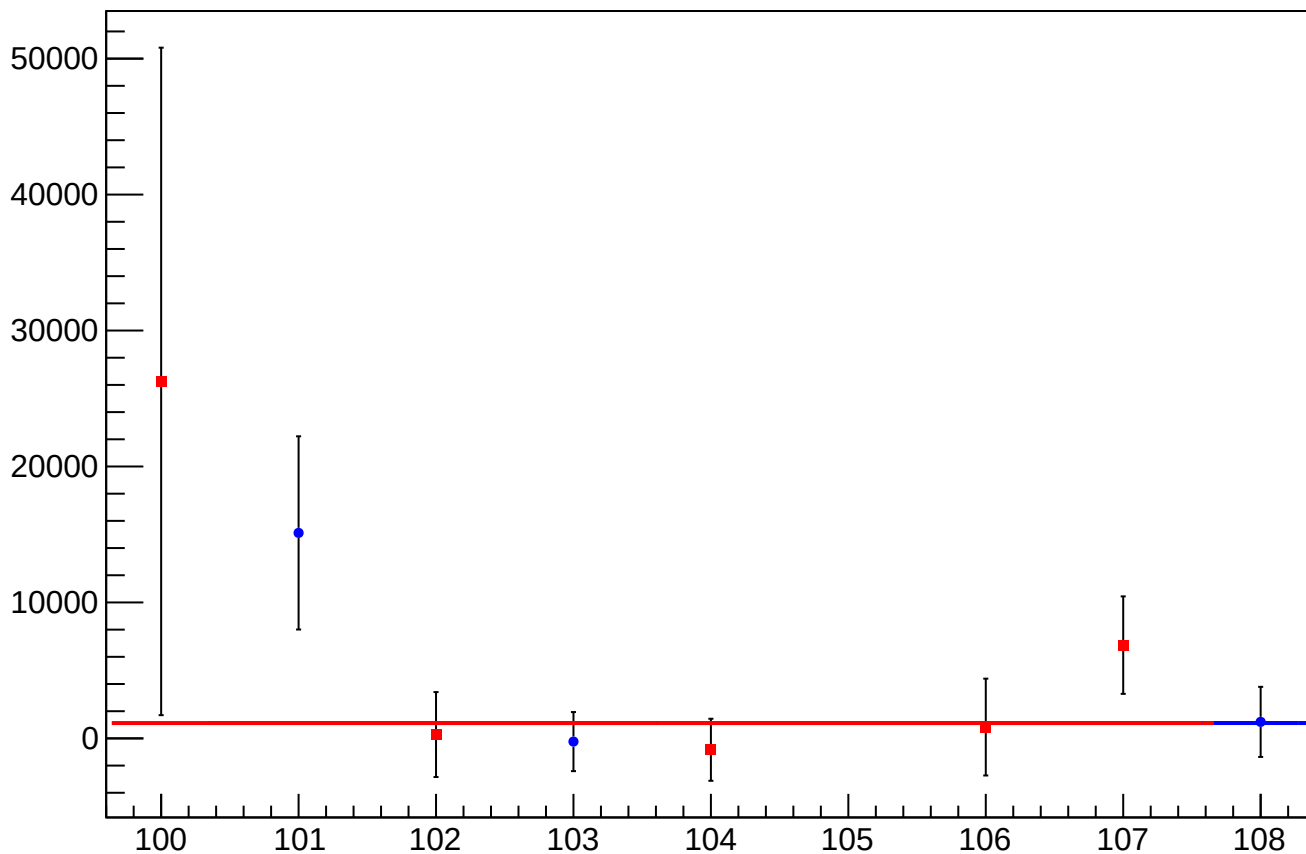
Right: 3397.159+/-1.379 χ^2/NDF : 571015.6/7

In: 3823.337+/-2.166 χ^2/NDF : 176627.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3397.159+/-1.379 χ^2/NDF : 571015.6/7

eigen_cor_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1130.970+/-1617.609 χ^2/NDF : 4.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1129.262+/-1486.196 χ^2/NDF : 4.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

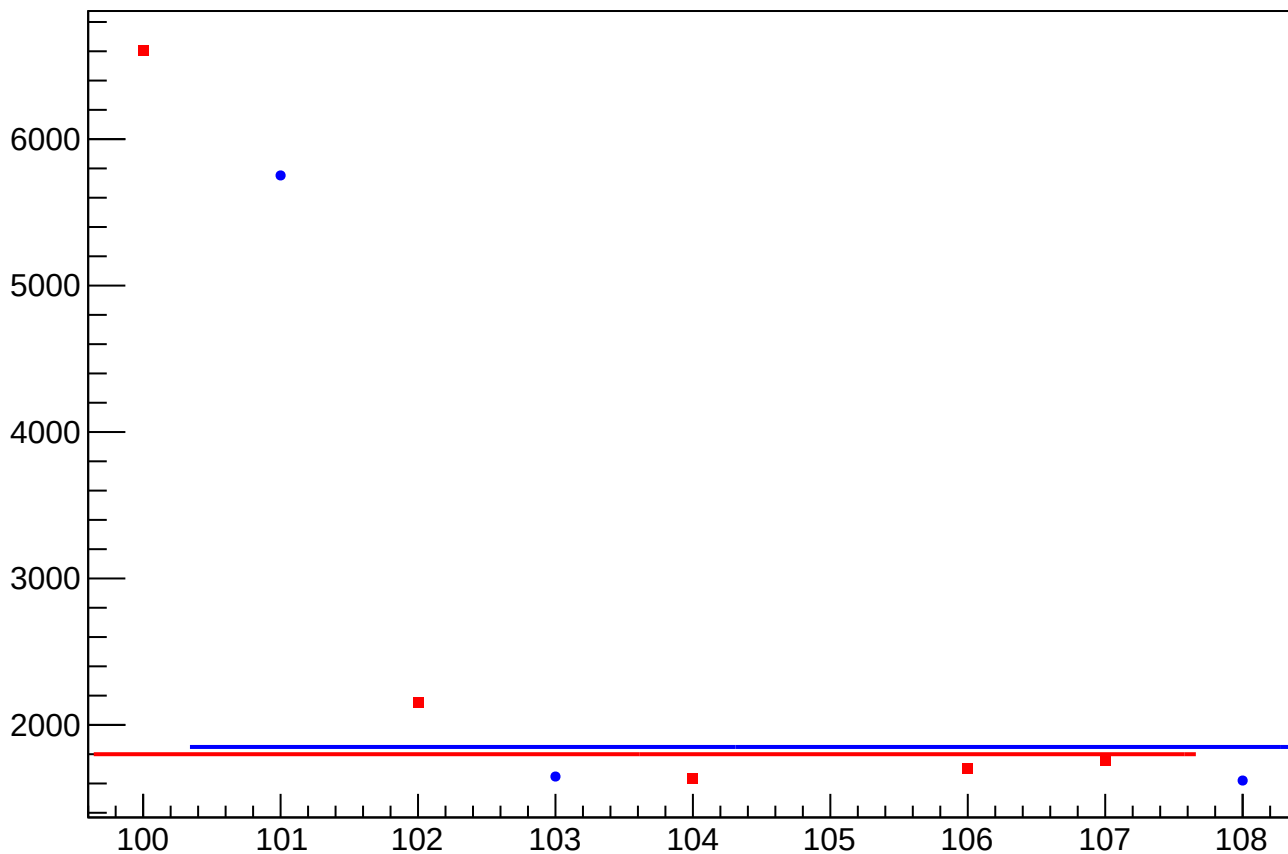
Right: 1130.044+/-1094.413 χ^2/NDF : 8.7/7

In: 1130.970+/-1617.609 χ^2/NDF : 4.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1130.044+/-1094.413 χ^2/NDF : 8.7/7

eigen_cor_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1849.454+/-1.144 χ^2/NDF : 636435.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1799.936+/-1.031 χ^2/NDF : 115083.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

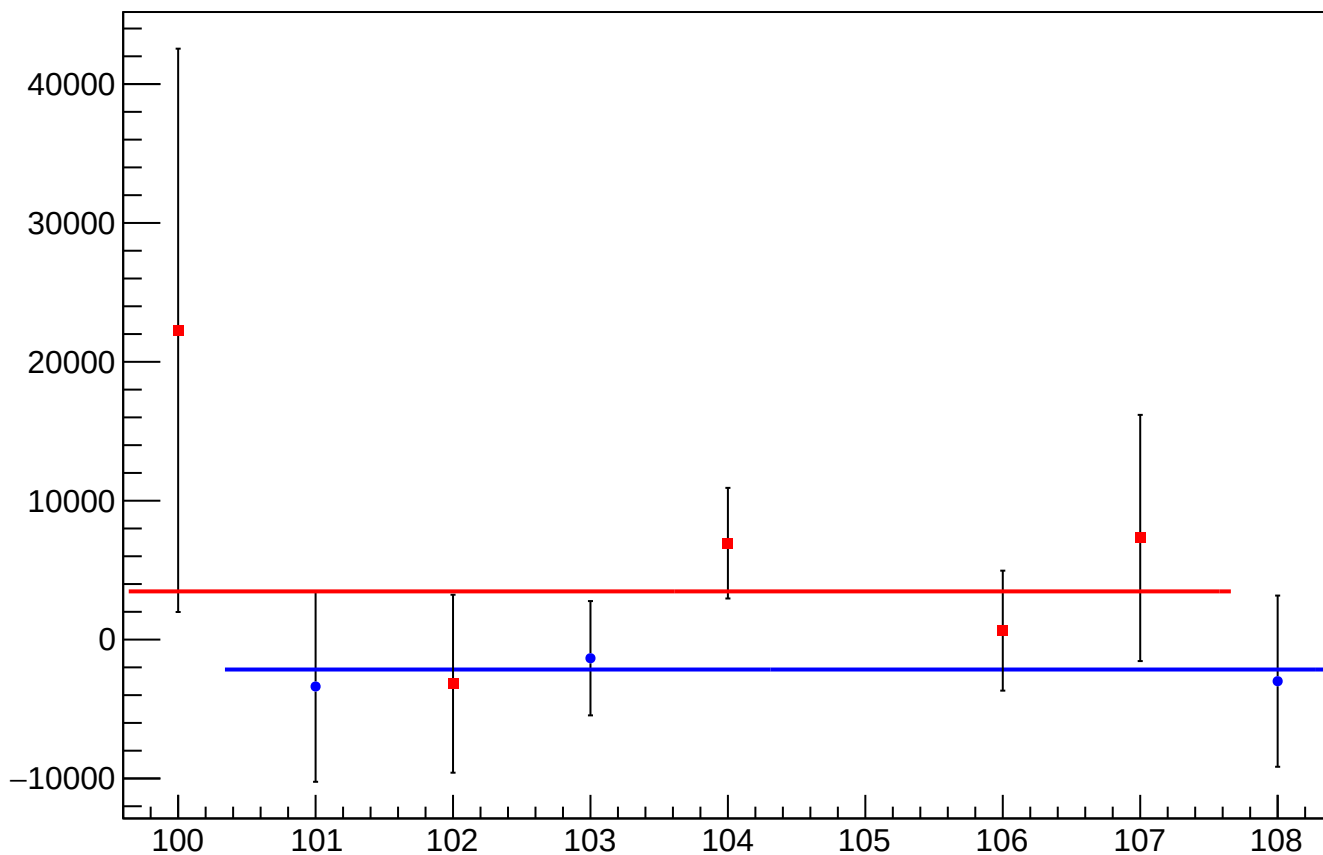
Right: 1822.137+/-0.766 χ^2/NDF : 752552.8/7

In: 1849.454+/-1.144 χ^2/NDF : 636435.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1822.137+/-0.766 χ^2/NDF : 752552.8/7

asym_atr1l2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -2155.099+/-3062.810 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3470.868+/-2530.549 χ^2/NDF : 3.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

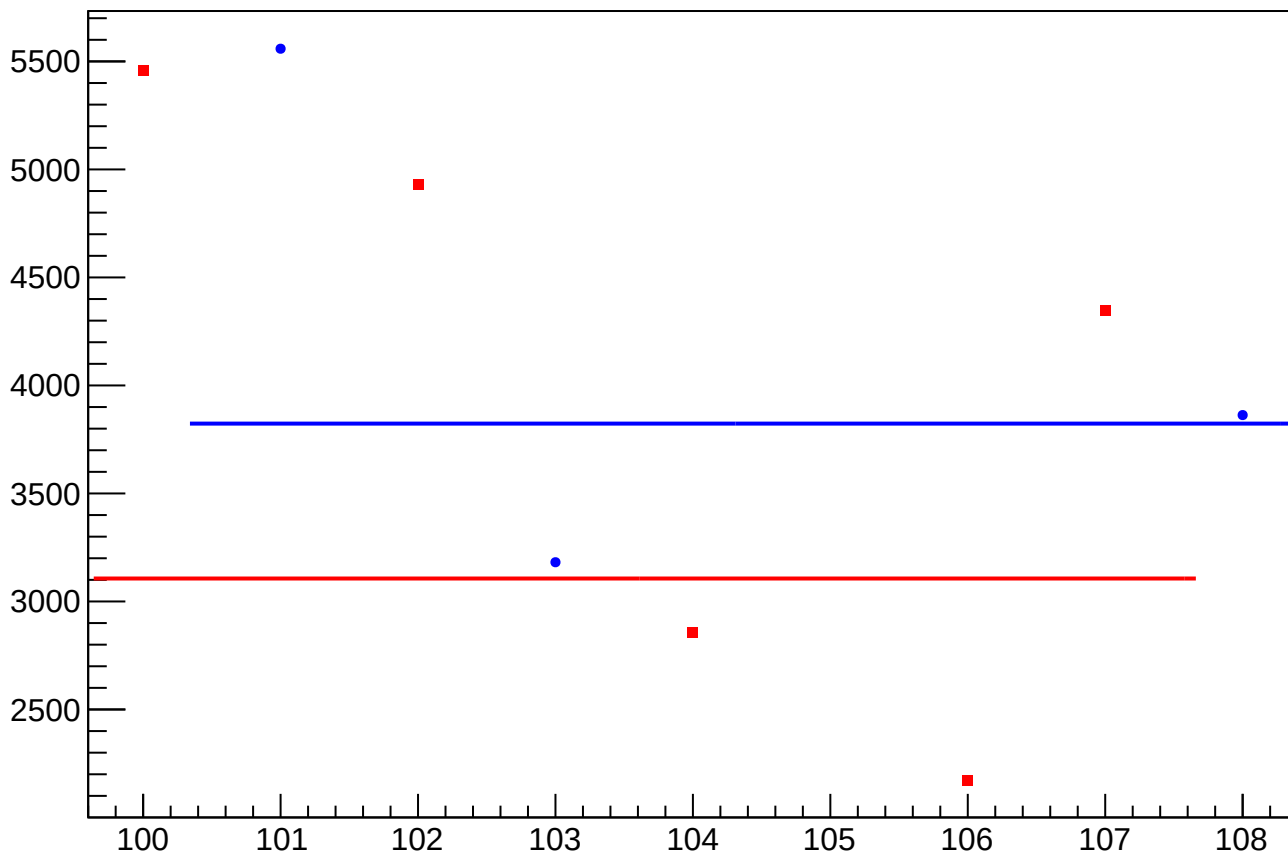
Right: 1188.444+/-1950.831 χ^2/NDF : 5.4/7

In: -2155.099+/-3062.810 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1188.444+/-1950.831 χ^2/NDF : 5.4/7

asym_atr1l2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3823.337+/-2.166 χ^2/NDF : 176627.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3106.235+/-1.789 χ^2/NDF : 329231.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

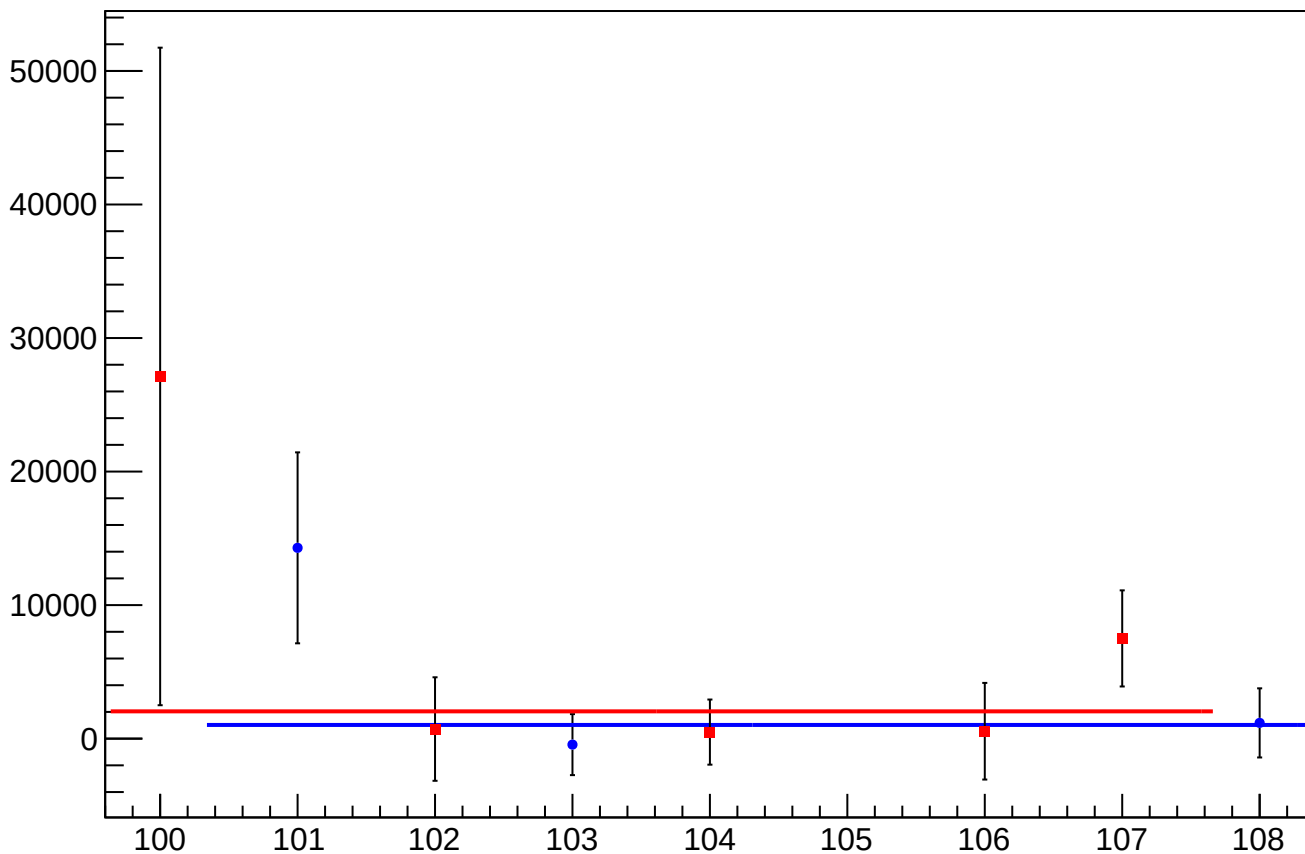
Right: 3397.159+/-1.379 χ^2/NDF : 571015.6/7

In: 3823.337+/-2.166 χ^2/NDF : 176627.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3397.159+/-1.379 χ^2/NDF : 571015.6/7

dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1025.007+/-1665.709 χ^2/NDF : 3.9/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2042.957+/-1601.398 χ^2/NDF : 4.0/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

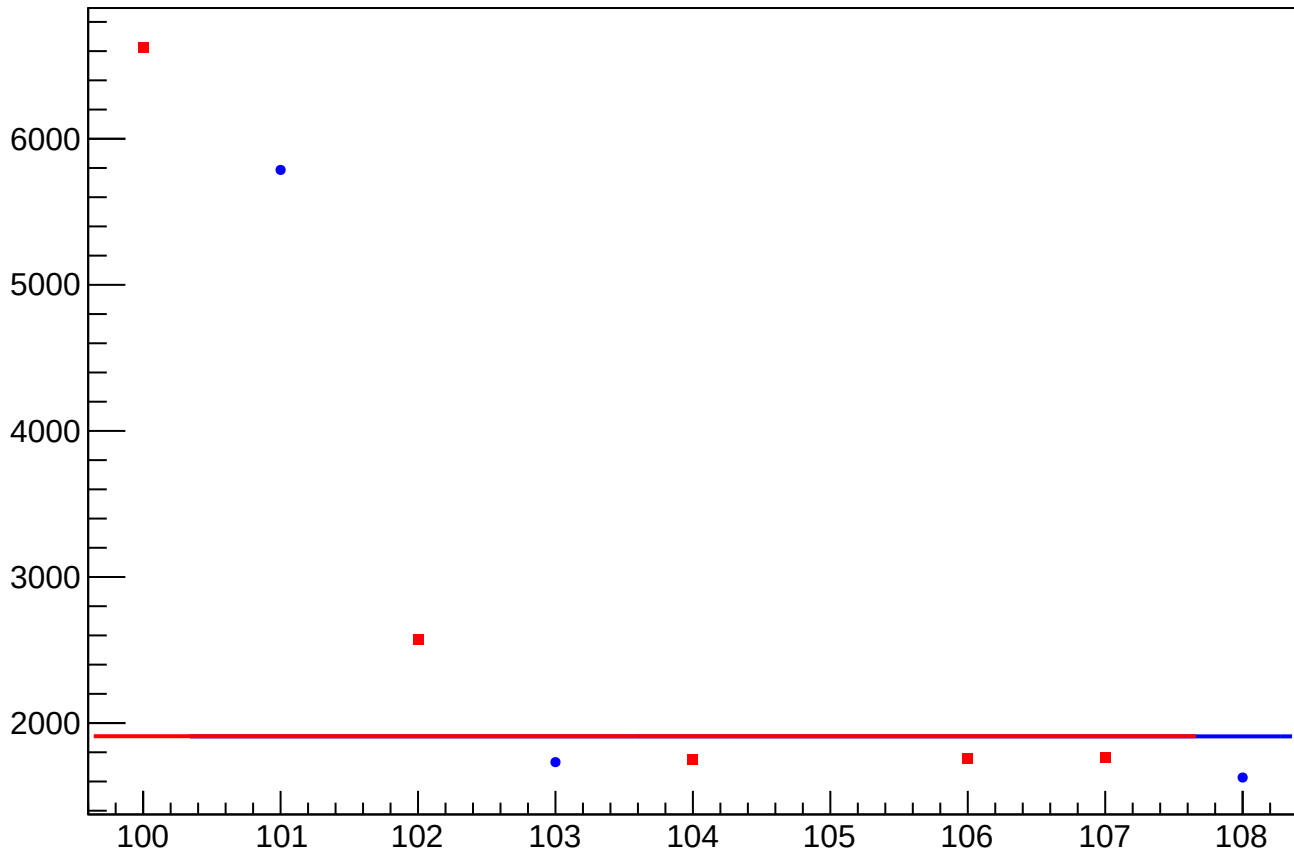
Right: 1554.012+/-1154.426 χ^2/NDF : 8.1/7

In: 1025.007+/-1665.709 χ^2/NDF :3.9/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1554.012+/-1154.426 χ^2/NDF : 8.1/7

dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1908.879+/-1.178 χ^2/NDF : 623928.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1909.983+/-1.115 χ^2/NDF : 148439.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

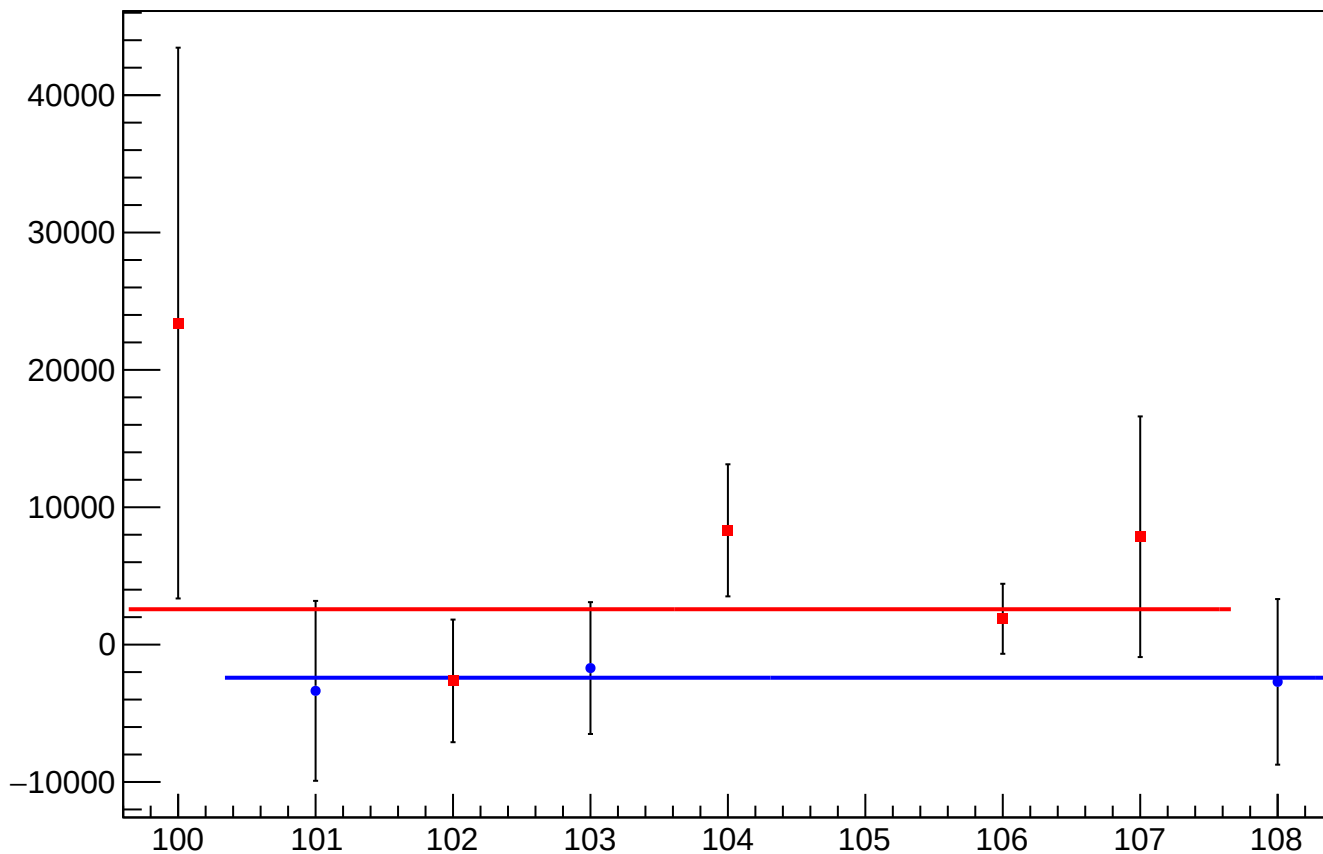
Right: 1909.461+/-0.810 χ^2/NDF : 772368.2/7

In: 1908.879+/-1.178 χ^2/NDF : 623928.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1909.461+/-0.810 χ^2/NDF : 772368.2/7

asym_atr1l2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -2410.346+/-3257.010 χ^2/NDF : 0.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2576.114+/-1950.016 χ^2/NDF : 4.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

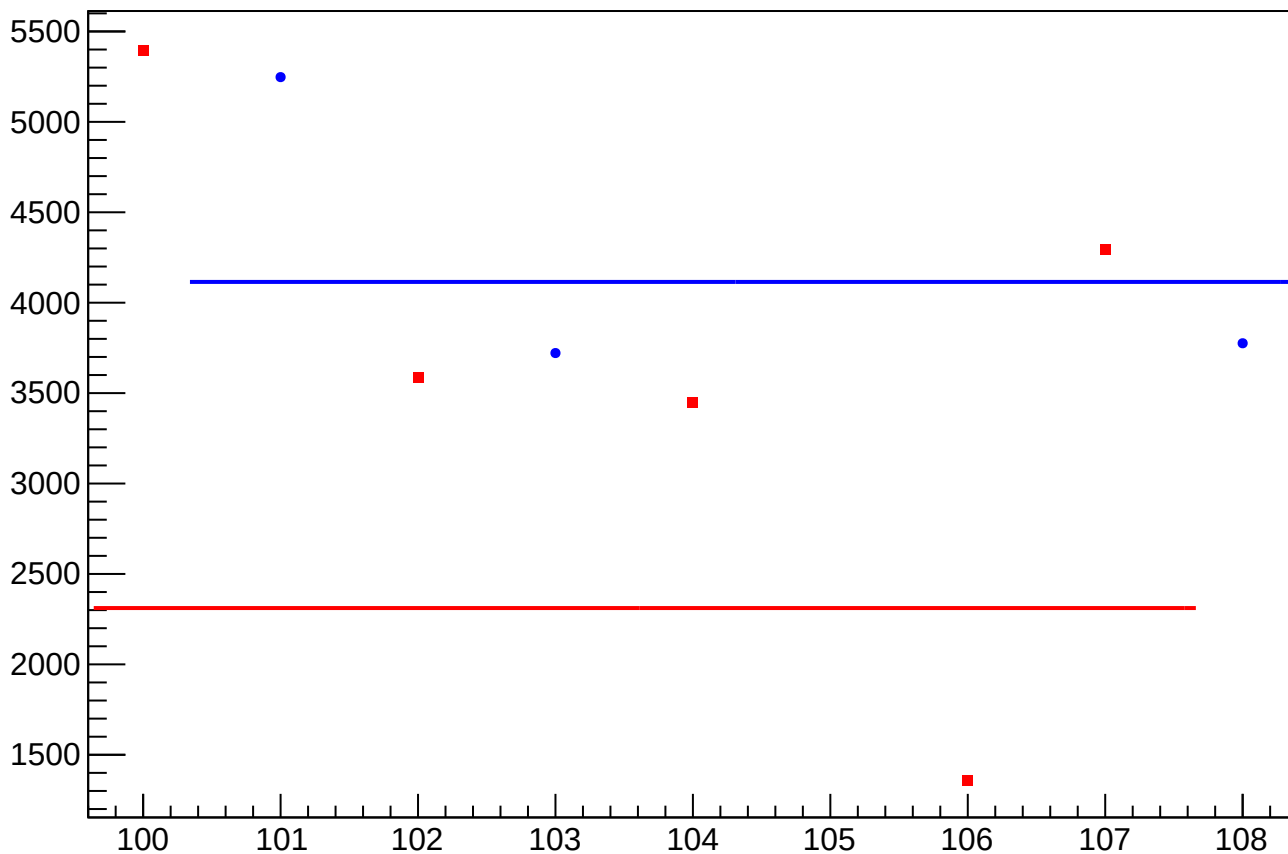
Right: 1260.331+/-1673.074 χ^2/NDF : 6.1/7

In: -2410.346+/-3257.010 χ^2/NDF : 0.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1260.331+/-1673.074 χ^2/NDF : 6.1/7

asym_atr1l2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4114.917+/-2.303 χ^2/NDF : 79597.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2311.423+/-1.379 χ^2/NDF : 705495.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

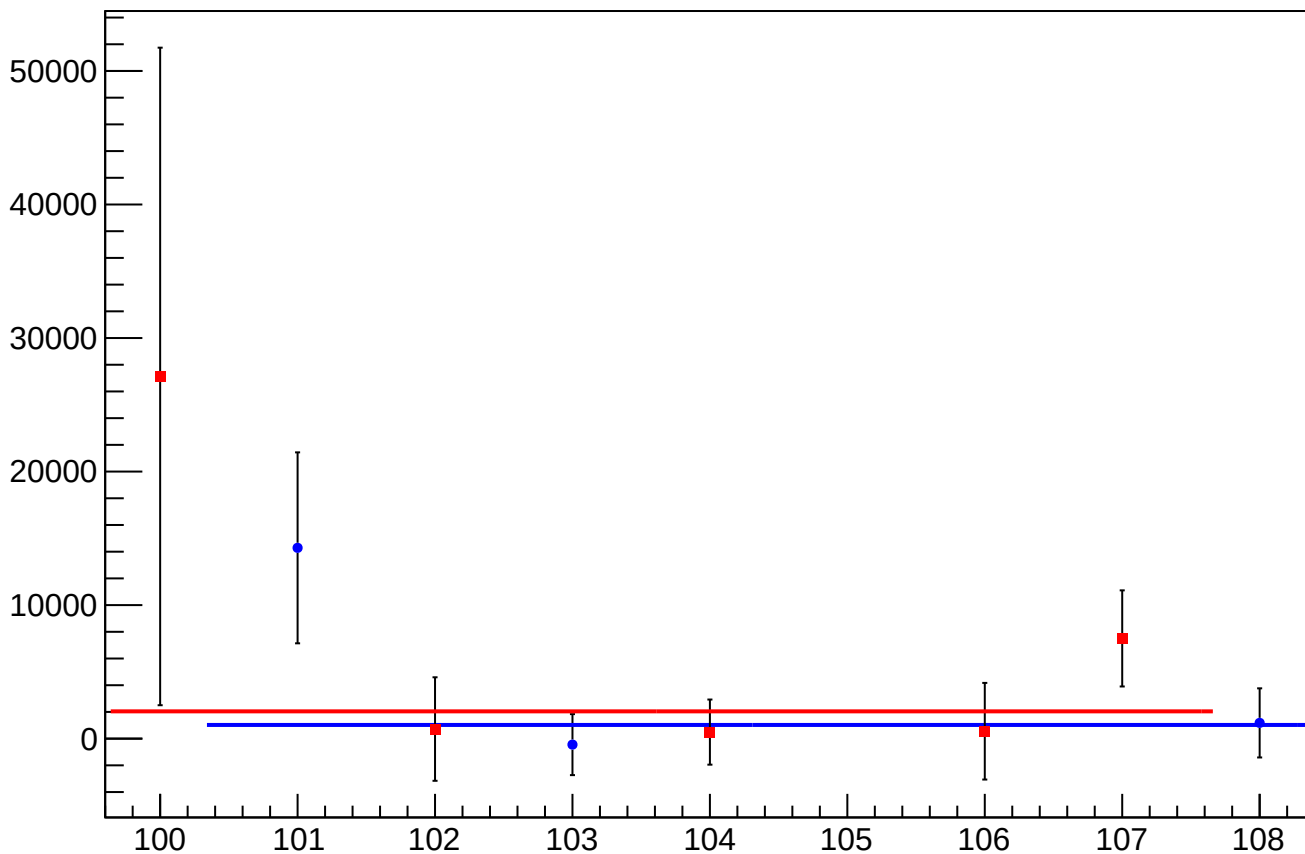
Right: 2787.313+/-1.183 χ^2/NDF : 1236506.7/7

In: 4114.917+/-2.303 χ^2/NDF : 79597.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2787.313+/-1.183 χ^2/NDF : 1236506.7/7

eigen_dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1025.014+/-1665.709 χ^2/NDF : 3.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2042.951+/-1601.398 χ^2/NDF : 4.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

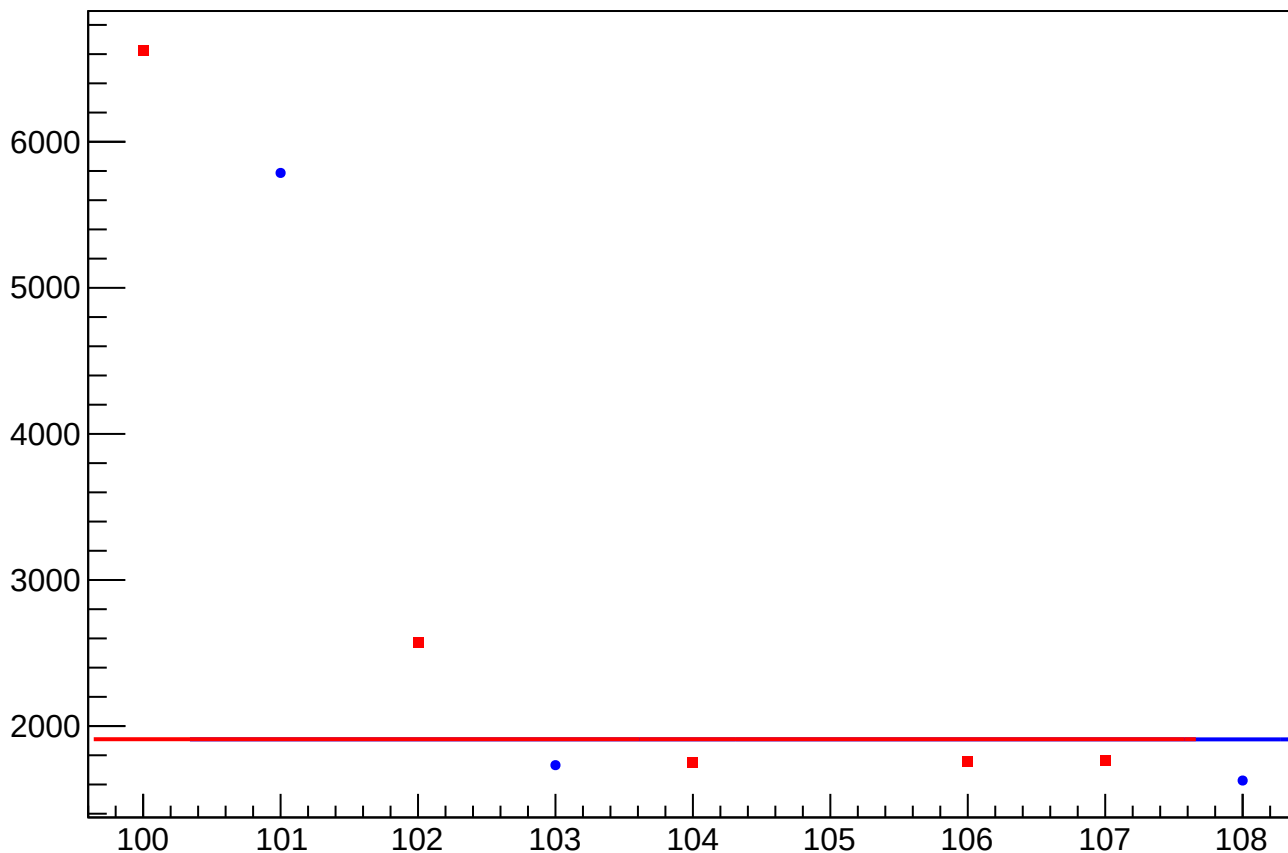
Right: 1554.012+/-1154.425 χ^2/NDF : 8.1/7

In: 1025.014+/-1665.709 χ^2/NDF : 3.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1554.012+/-1154.425 χ^2/NDF : 8.1/7

eigen_dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1908.879+/-1.178 χ^2/NDF : 623928.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1909.983+/-1.115 χ^2/NDF : 148439.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

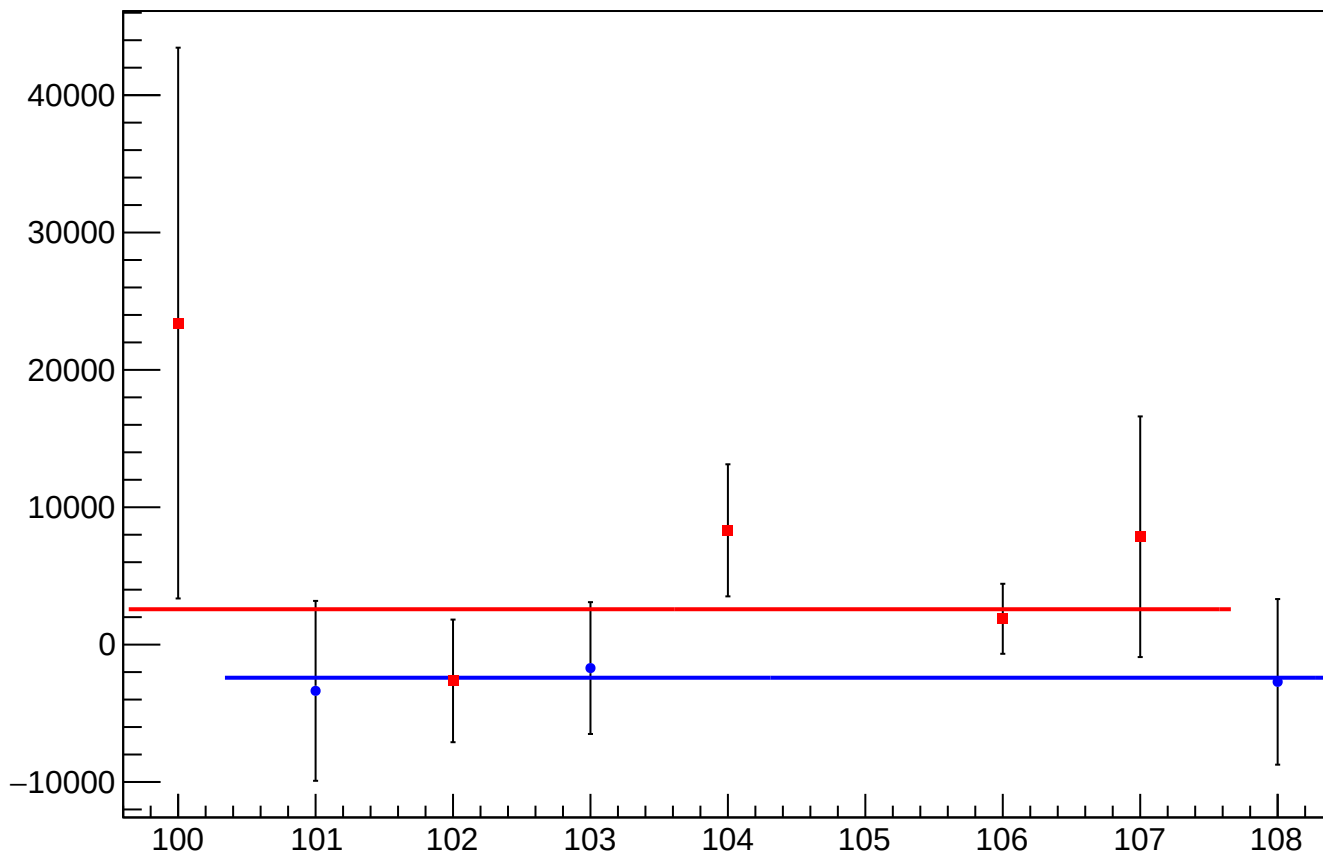
Right: 1909.461+/-0.810 χ^2/NDF : 772368.1/7

In: 1908.879+/-1.178 χ^2/NDF : 623928.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1909.461+/-0.810 χ^2/NDF : 772368.1/7

asym_atr1l2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -2410.342+/-3257.004 χ^2/NDF : 0.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2576.098+/-1950.007 χ^2/NDF : 4.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

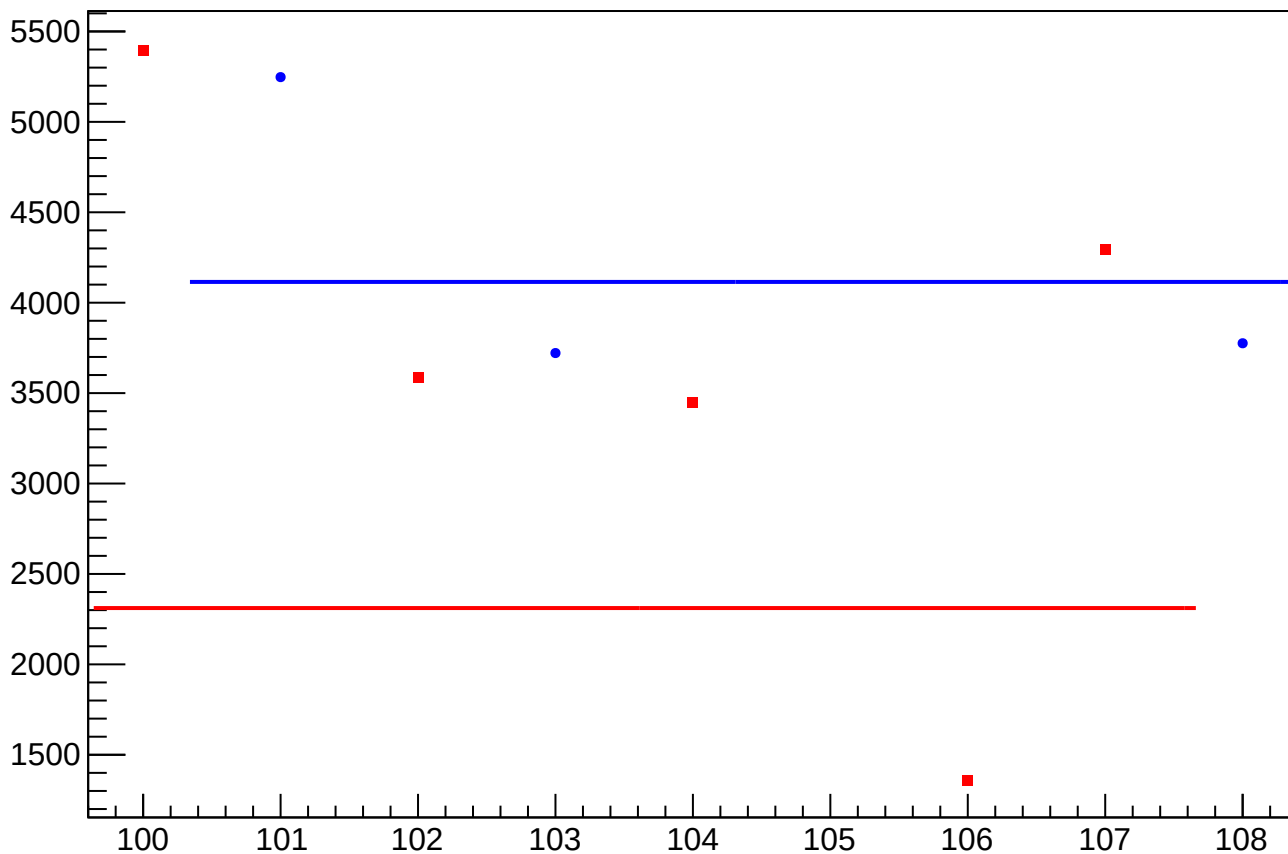
Right: 1260.326+/-1673.067 χ^2/NDF : 6.1/7

In: -2410.342+/-3257.004 χ^2/NDF : 0.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1260.326+/-1673.067 χ^2/NDF : 6.1/7

asym_atr1l2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4114.909+/-2.303 χ^2/NDF : 79597.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2311.407+/-1.379 χ^2/NDF : 705506.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

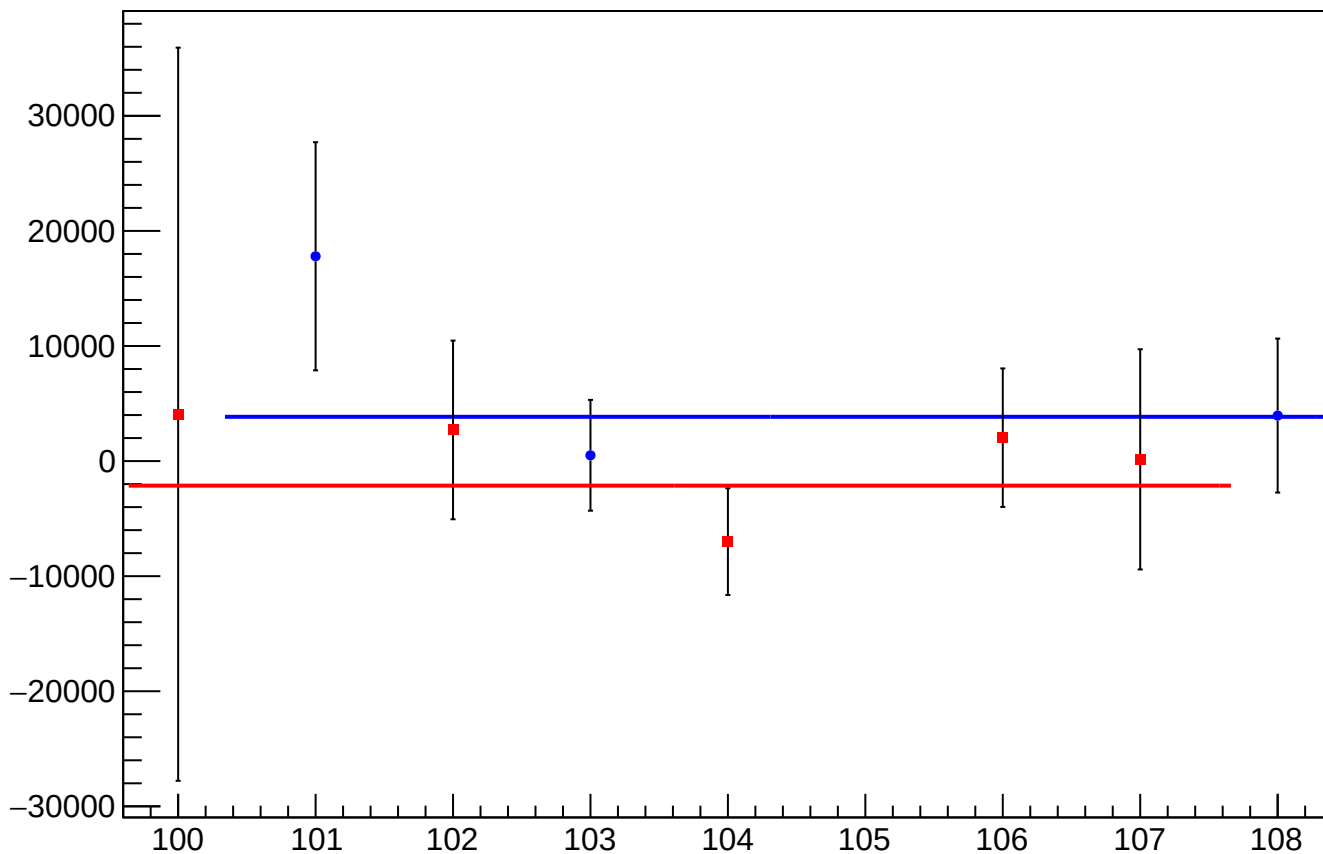
Right: 2787.297+/-1.183 χ^2/NDF : 1236524.6/7

In: 4114.909+/-2.303 χ^2/NDF : 79597.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2787.297+/-1.183 χ^2/NDF : 1236524.6/7

asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 3848.102+/-3635.478 χ^2/NDF : 2.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2134.190+/-3121.439 χ^2/NDF : 2.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

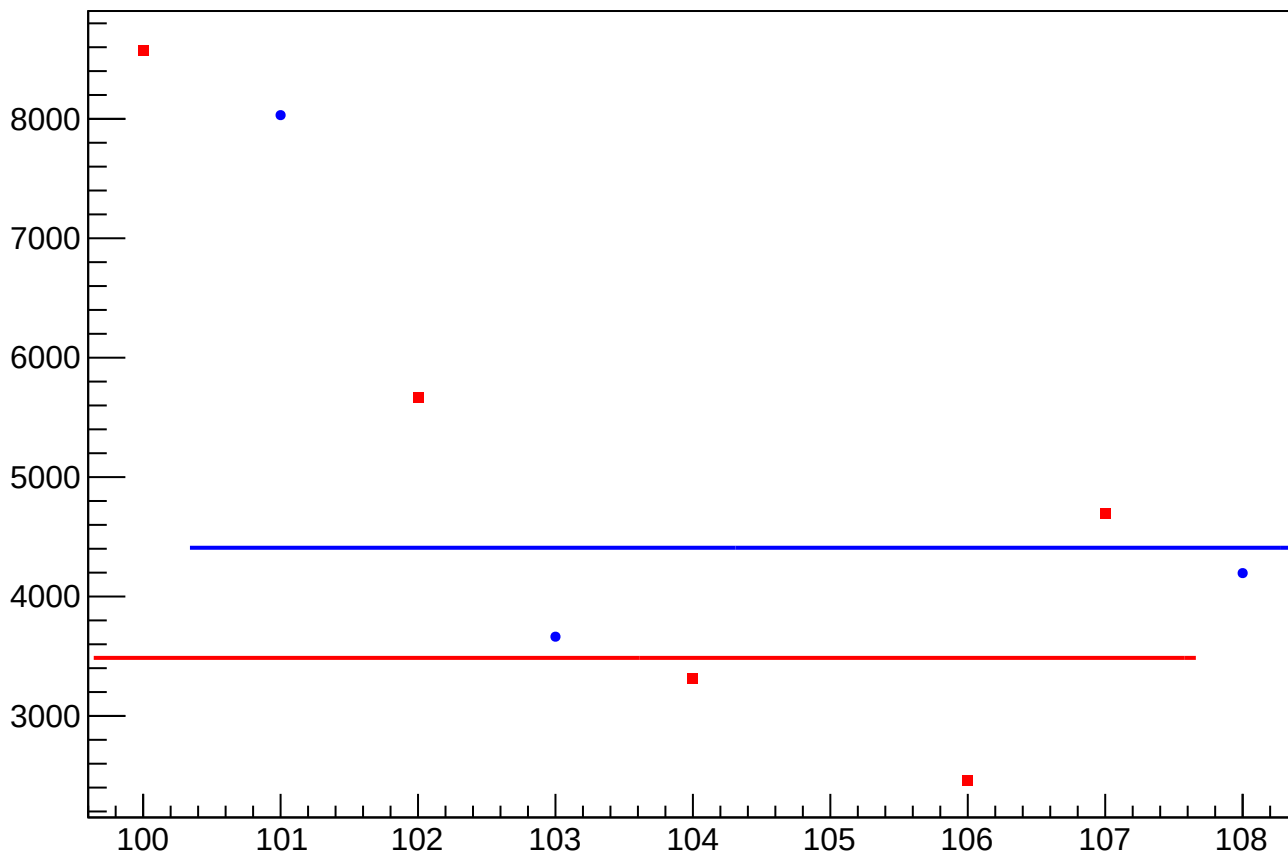
Right: 404.466+/-2368.261 χ^2/NDF : 6.1/7

In: 3848.102+/-3635.478 χ^2/NDF : 2.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 404.466+/-2368.261 χ^2/NDF : 6.1/7

asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 4408.388+/-2.571 χ^2/NDF : 317052.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3486.146+/-2.040 χ^2/NDF : 337854.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

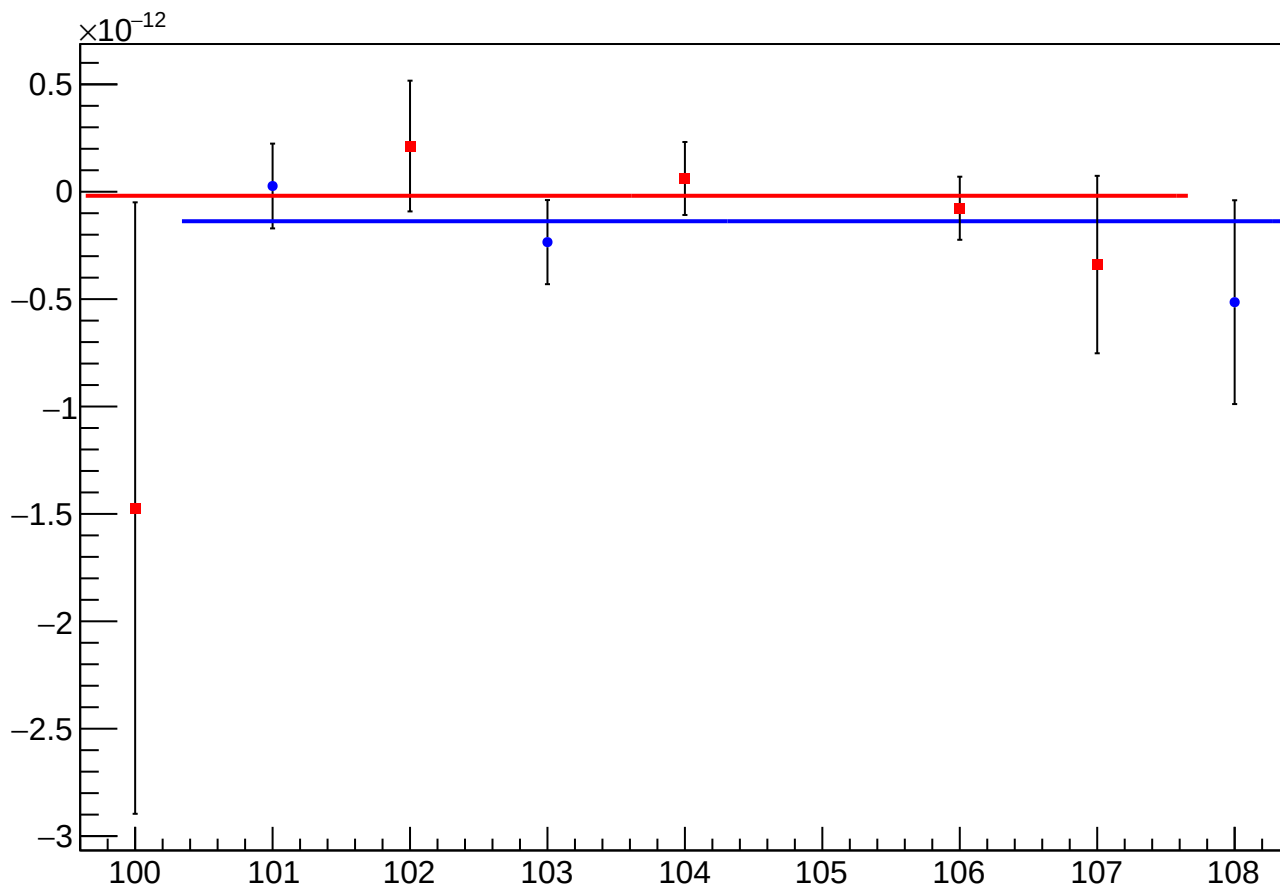
Right: 3842.553+/-1.598 χ^2/NDF : 733875.3/7

In: 4408.388+/-2.571 χ^2/NDF : 317052.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3842.553+/-1.598 χ^2/NDF : 733875.3/7

asym_atr1l2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

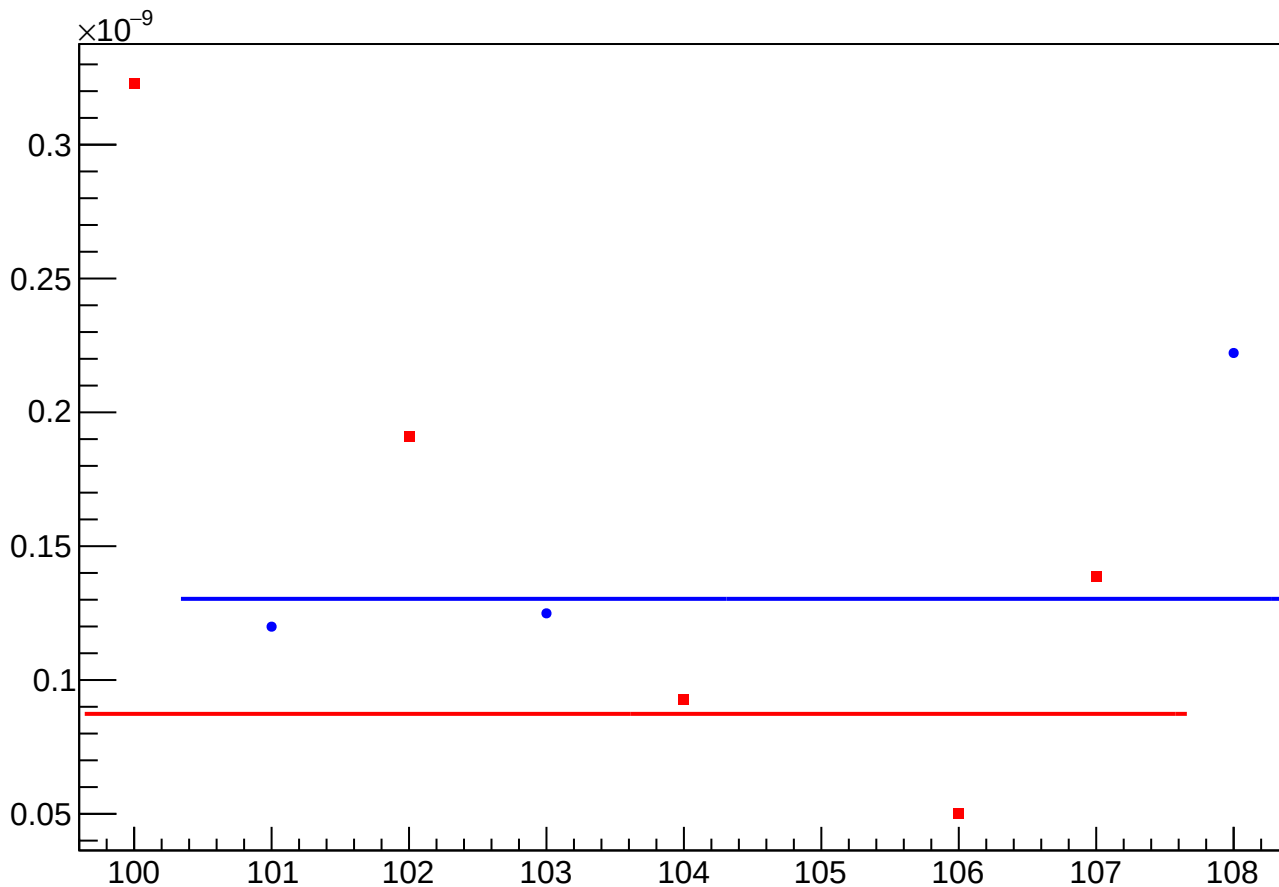
Right: -0.000+/-0.000 χ^2/NDF : 4.7/7

In: -0.000+/-0.000 χ^2/NDF : 1.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.7/7

asym_atr1l2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 82040.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 448214.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

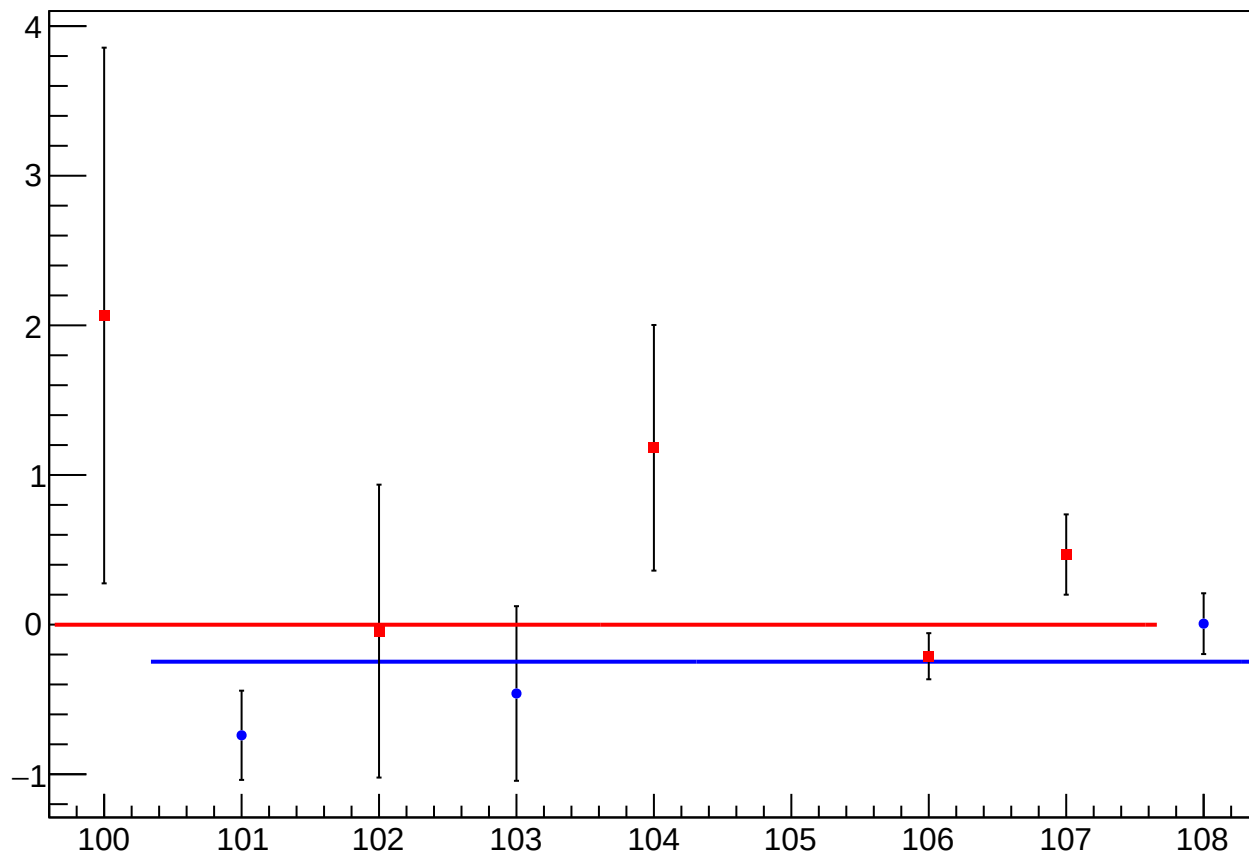
Right: 0.000+/-0.000 χ^2/NDF : 662223.8/7

In: 0.000+/-0.000 χ^2/NDF : 82040.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 662223.8/7

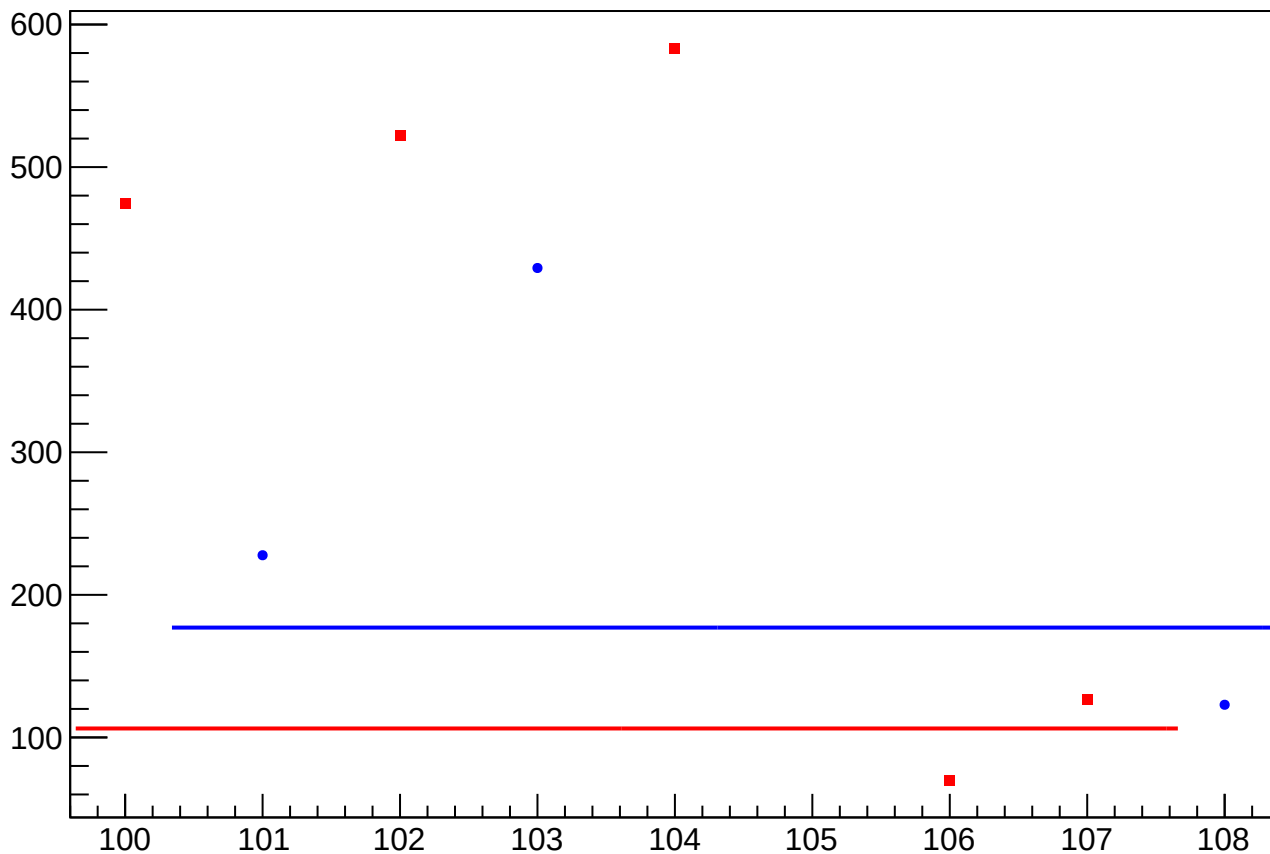
asym_atr1l2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.248+/-0.161 χ^2/NDF : 4.4/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.001+/-0.130 χ^2/NDF : 8.3/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.098+/-0.101 χ^2/NDF : 14.2/7
 In: -0.248+/-0.161 χ^2/NDF : 4.4/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.098+/-0.101 χ^2/NDF : 14.2/7

asym_atr1l2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 177.044+/-0.114 χ^2/NDF : 573495.0/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 106.284+/-0.092 χ^2/NDF : 1245209.7/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

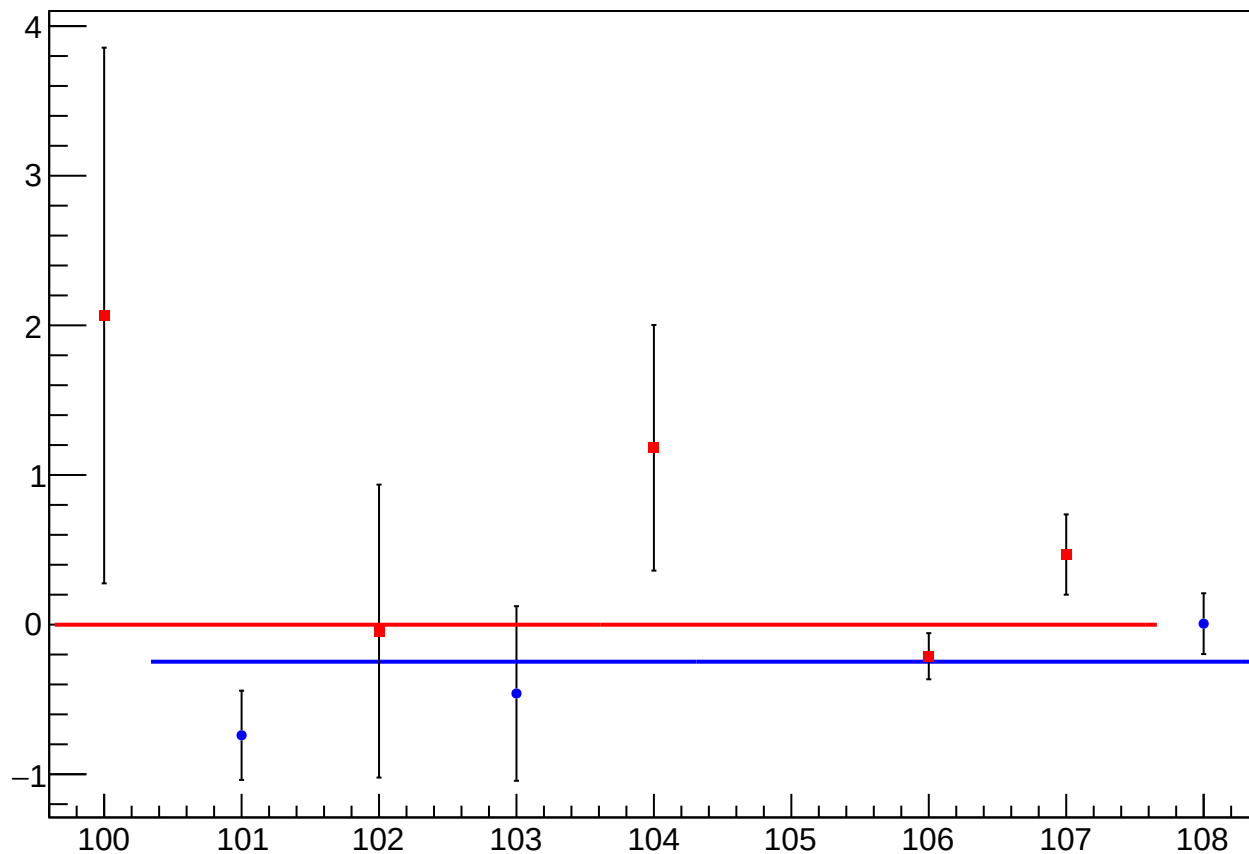
Right: 134.233+/-0.072 χ^2/NDF : 2051457.0/7

In: 177.044+/-0.114 χ^2/NDF :573495.0/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 134.233+/-0.072 χ^2/NDF : 2051457.0/7

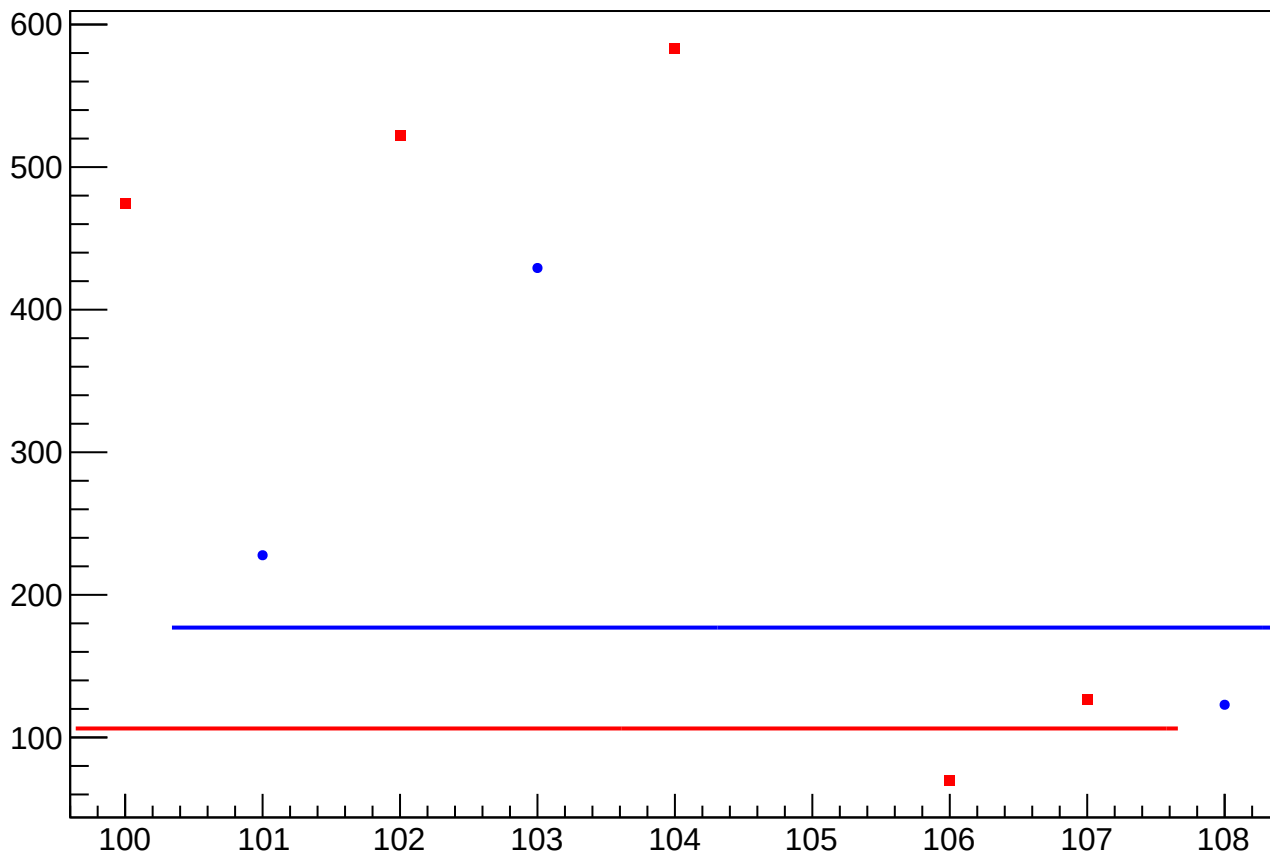
asym_atr1l2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.248 $\pm$ 0.161 χ^2 /NDF: 4.4/2
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.001 $\pm$ 0.130 χ^2 /NDF: 8.3/4
 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: -0.098 $\pm$ 0.101 χ^2 /NDF: 14.2/7
 In: -0.248 $\pm$ 0.161 χ^2 /NDF:4.4/2
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.098 $\pm$ 0.101 χ^2 /NDF: 14.2/7

asym_atr1l2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 177.044+/-0.114 χ^2/NDF : 573495.0/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 106.284+/-0.092 χ^2/NDF : 1245209.7/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

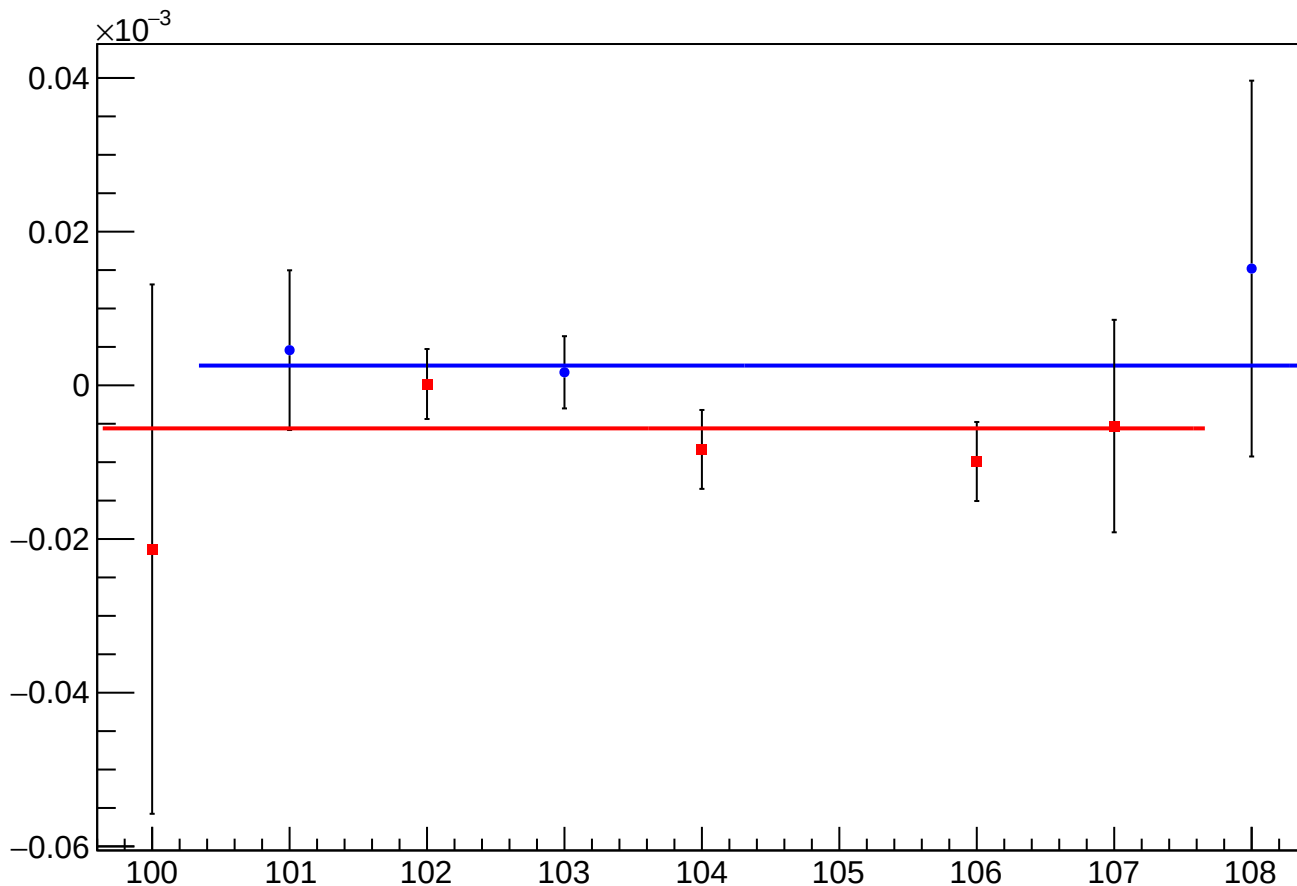
Right: 134.233+/-0.072 χ^2/NDF : 2051457.0/7

In: 177.044+/-0.114 χ^2/NDF :573495.0/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 134.233+/-0.072 χ^2/NDF : 2051457.0/7

asym_atr1l2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

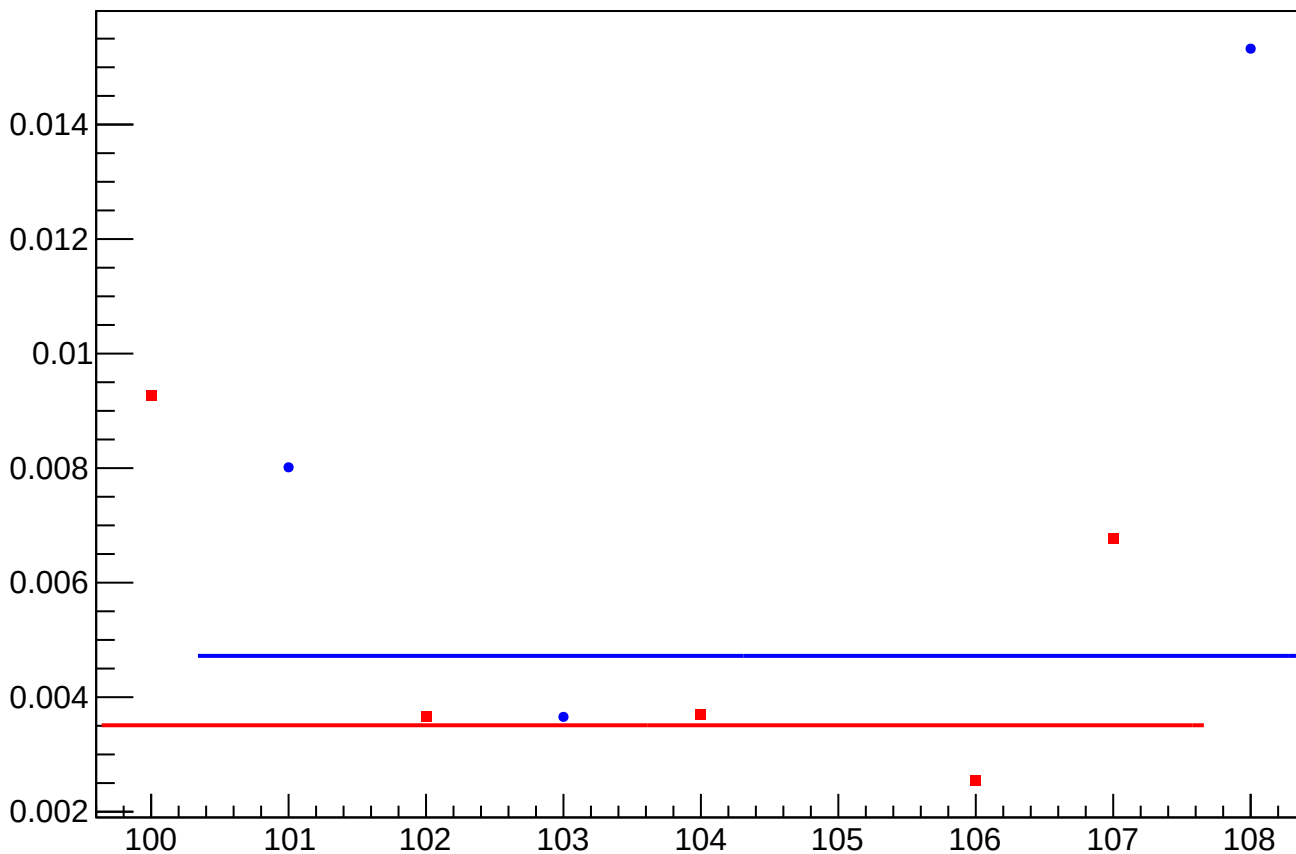
Right: -0.000+/-0.000 χ^2/NDF : 5.8/7

In: 0.000+/-0.000 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 5.8/7

asym_atr1l2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 679474.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 243090.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

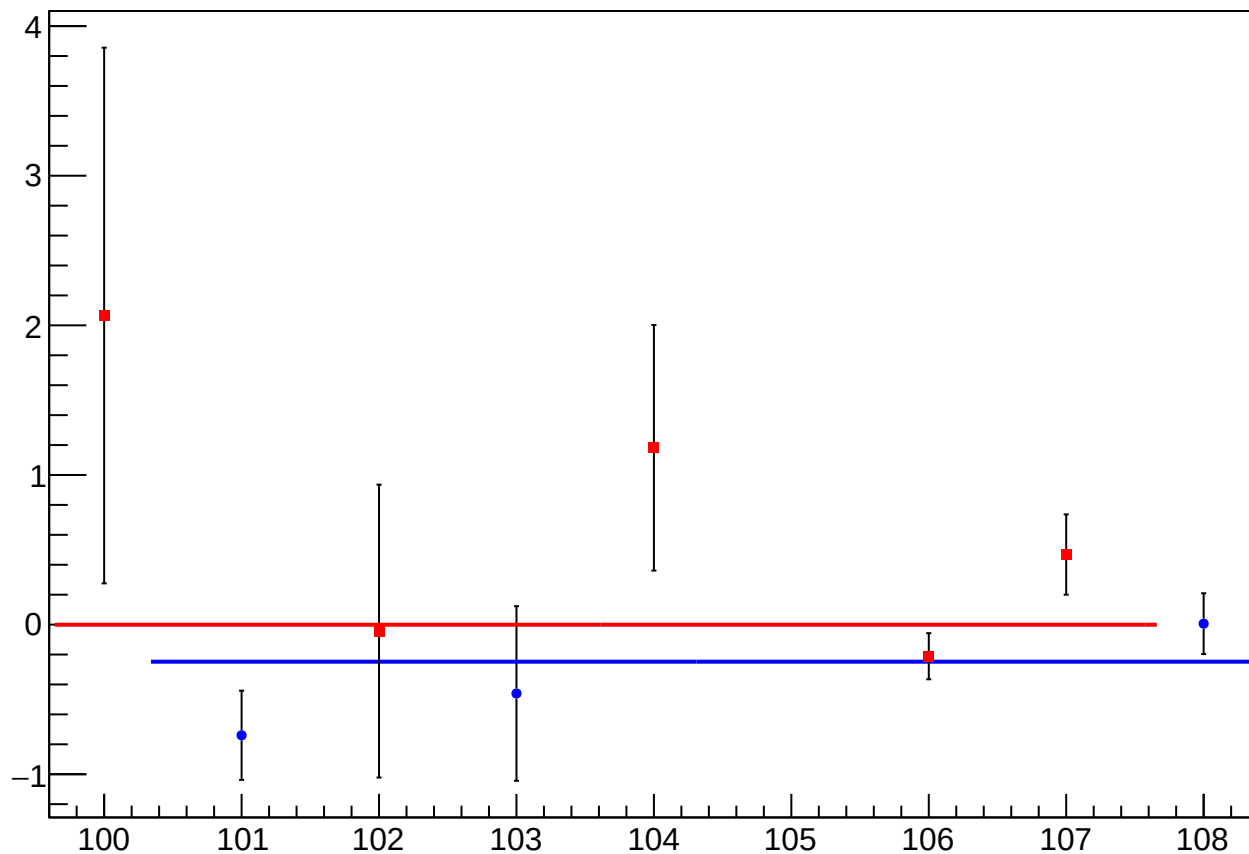
Right: 0.004+/-0.000 χ^2/NDF : 1037795.0/7

In: 0.005+/-0.000 χ^2/NDF : 679474.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 1037795.0/7

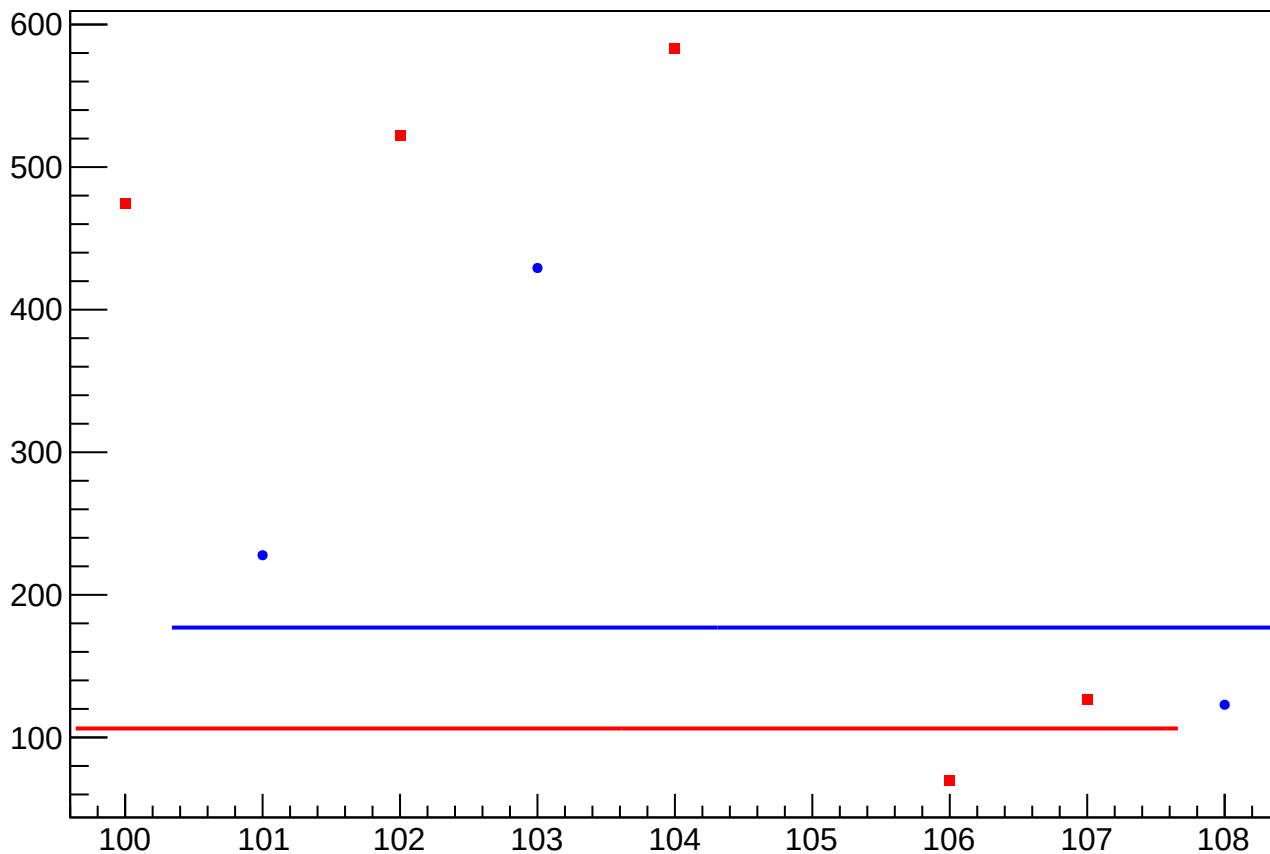
asym_atr1l2_avg_eigen_dit_vs_slug, Sign Corrected



Right In: -0.248 $\pm$ 0.161 χ^2 /NDF: 4.4/2
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.001 $\pm$ 0.130 χ^2 /NDF: 8.3/4
 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: -0.098 $\pm$ 0.101 χ^2 /NDF: 14.2/7
 In: -0.248 $\pm$ 0.161 χ^2 /NDF:4.4/2
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.098 $\pm$ 0.101 χ^2 /NDF: 14.2/7

asym_atr1l2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 177.054+/-0.114 χ^2/NDF : 573423.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.285+/-0.092 χ^2/NDF : 1245198.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

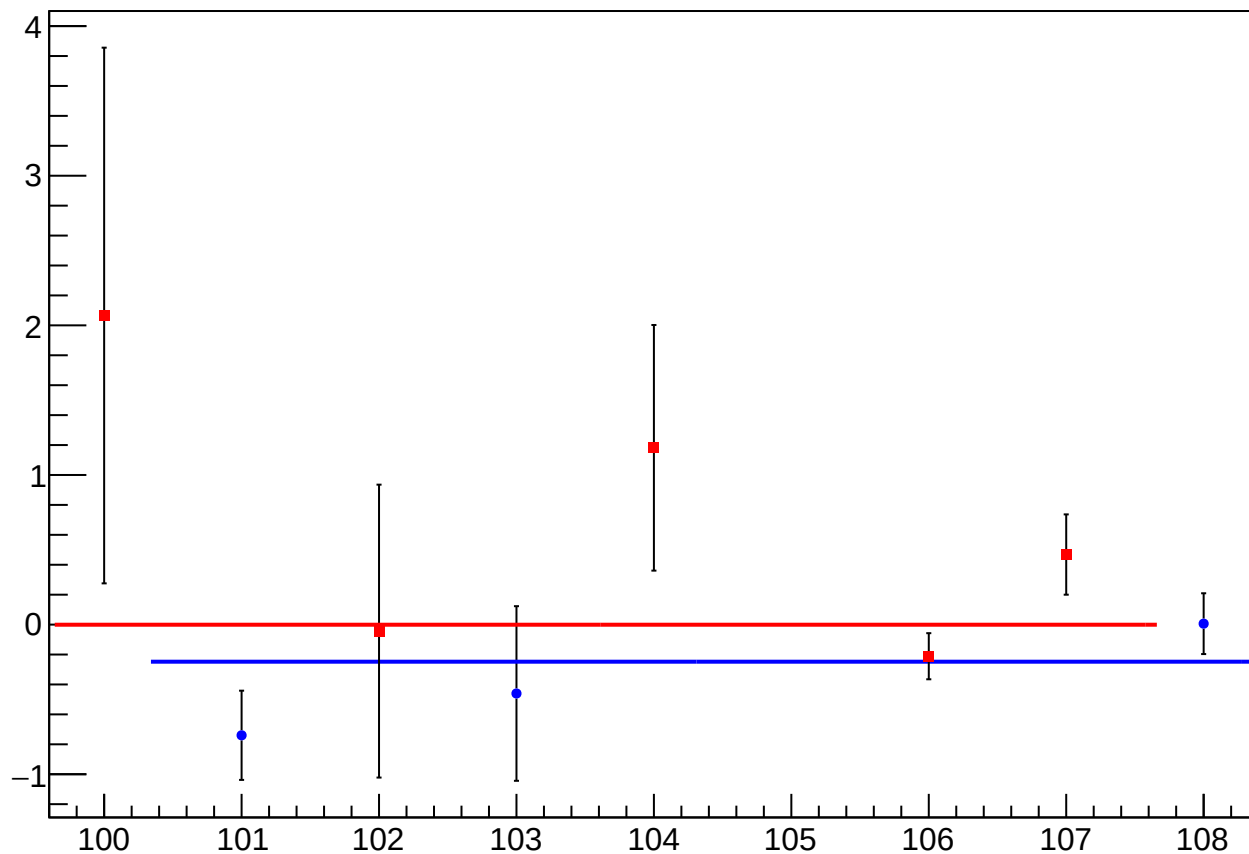
Right: 134.237+/-0.072 χ^2/NDF : 2051416.9/7

In: 177.054+/-0.114 χ^2/NDF : 573423.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.237+/-0.072 χ^2/NDF : 2051416.9/7

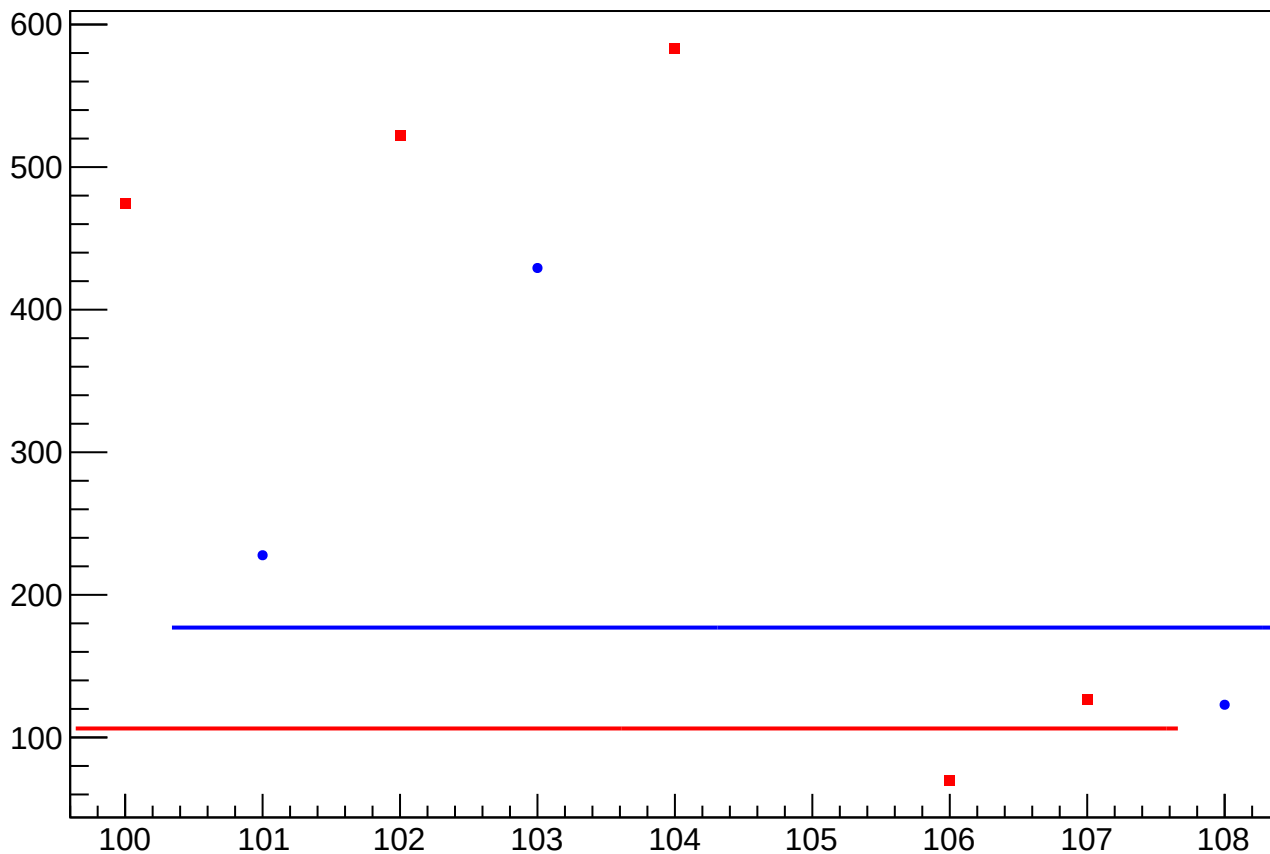
asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.248 $\pm$ 0.161 χ^2 /NDF: 4.4/2
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.001 $\pm$ 0.130 χ^2 /NDF: 8.3/4
 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: -0.098 $\pm$ 0.101 χ^2 /NDF: 14.2/7
 In: -0.248 $\pm$ 0.161 χ^2 /NDF:4.4/2
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.098 $\pm$ 0.101 χ^2 /NDF: 14.2/7

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 177.054+/-0.114 χ^2/NDF : 573423.1/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 106.285+/-0.092 χ^2/NDF : 1245198.0/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

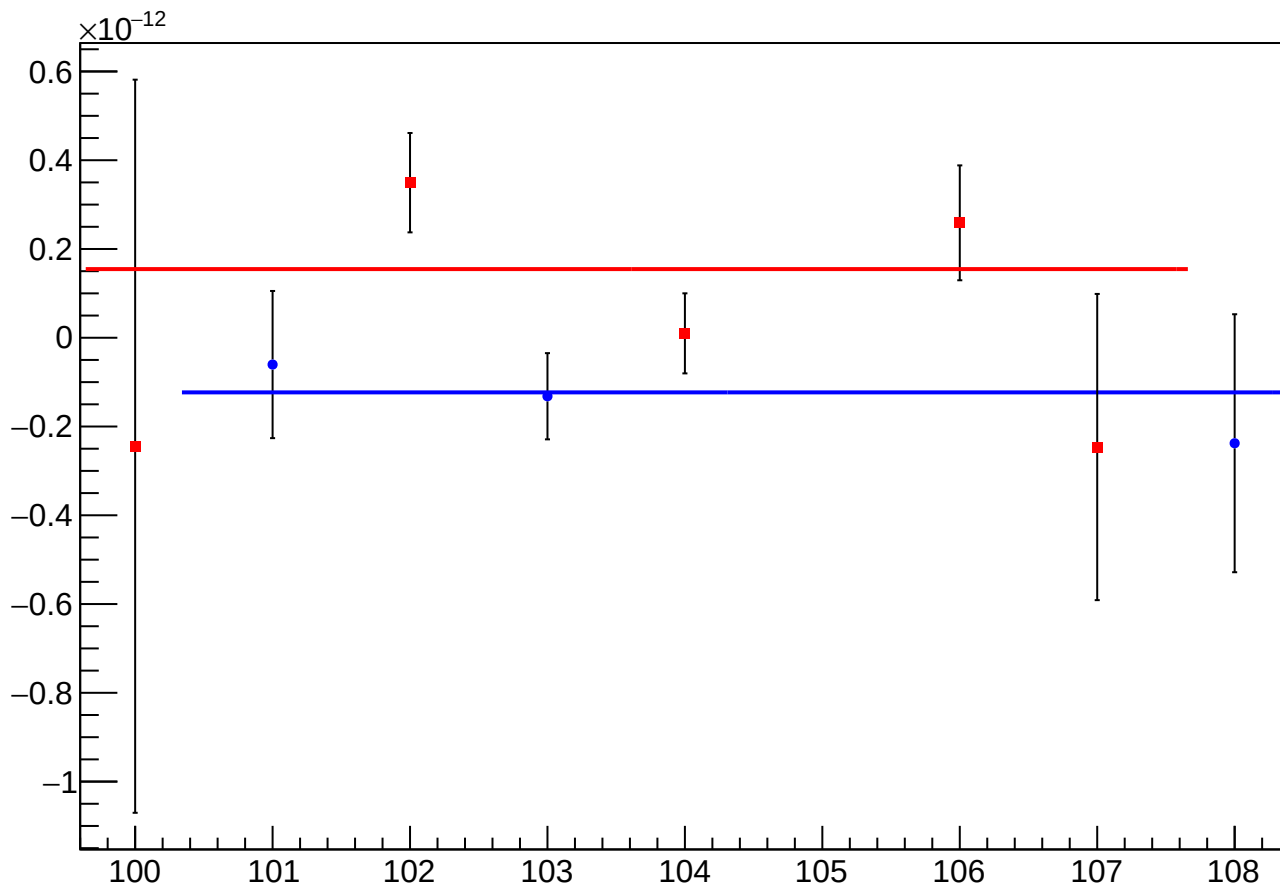
Right: 134.237+/-0.072 χ^2/NDF : 2051416.9/7

In: 177.054+/-0.114 χ^2/NDF :573423.1/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 134.237+/-0.072 χ^2/NDF : 2051416.9/7

asym_atr1l2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

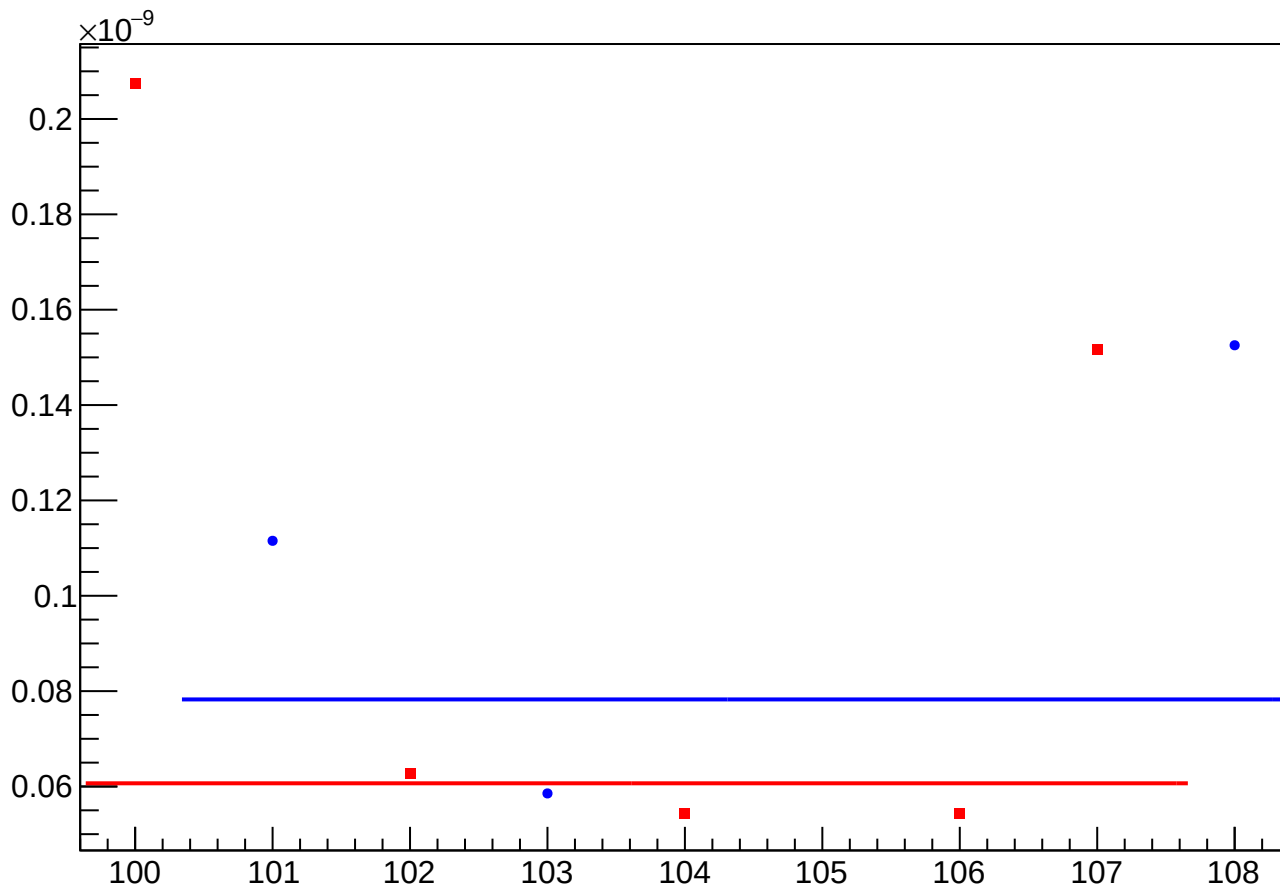
Right: 0.000+/-0.000 χ^2/NDF : 15.7/7

In: -0.000+/-0.000 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.7/7

asym_atr1l2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 293579.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 217661.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

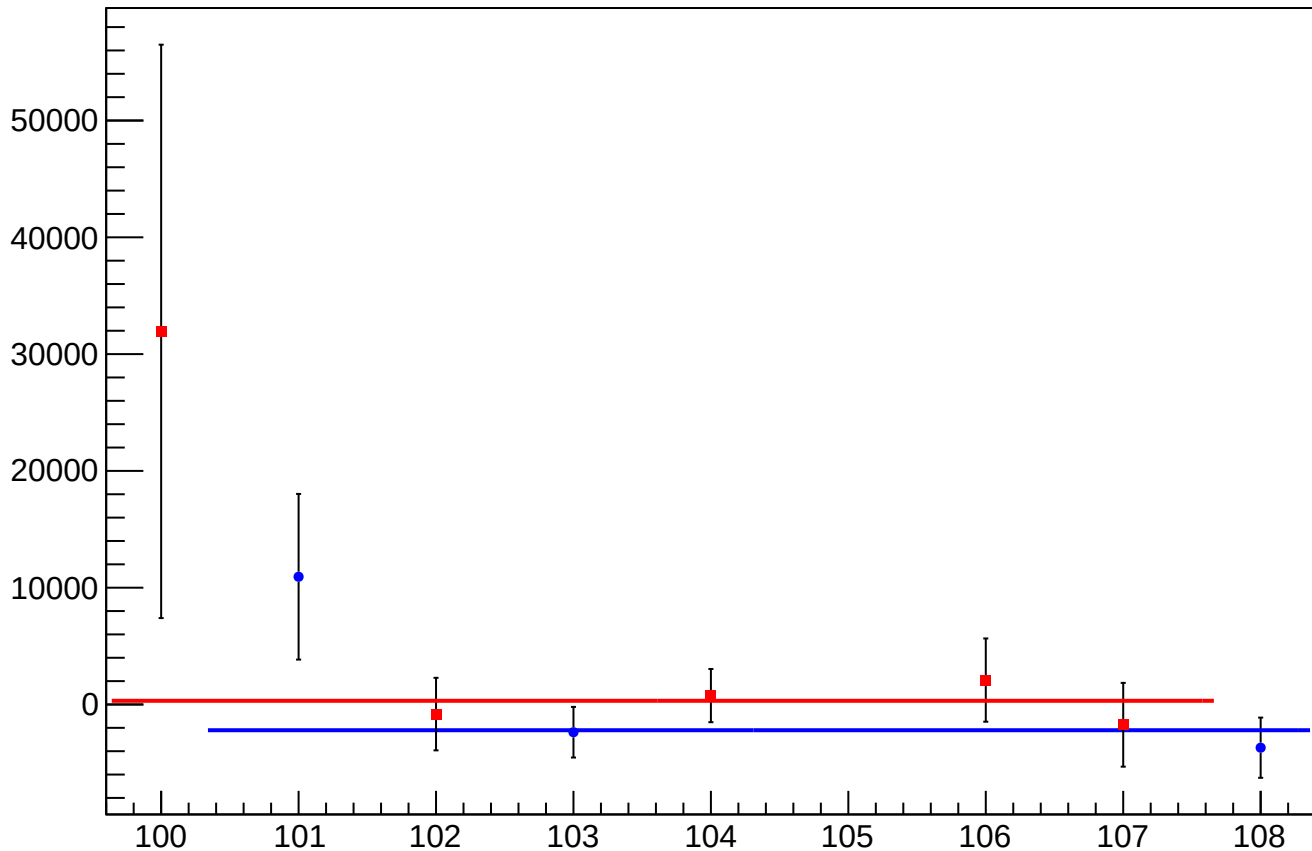
Right: 0.000+/-0.000 χ^2/NDF : 572179.3/7

In: 0.000+/-0.000 χ^2/NDF : 293579.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 572179.3/7

reg_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -2204.557+/-1615.605 χ^2/NDF : 3.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 316.677+/-1483.554 χ^2/NDF : 2.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

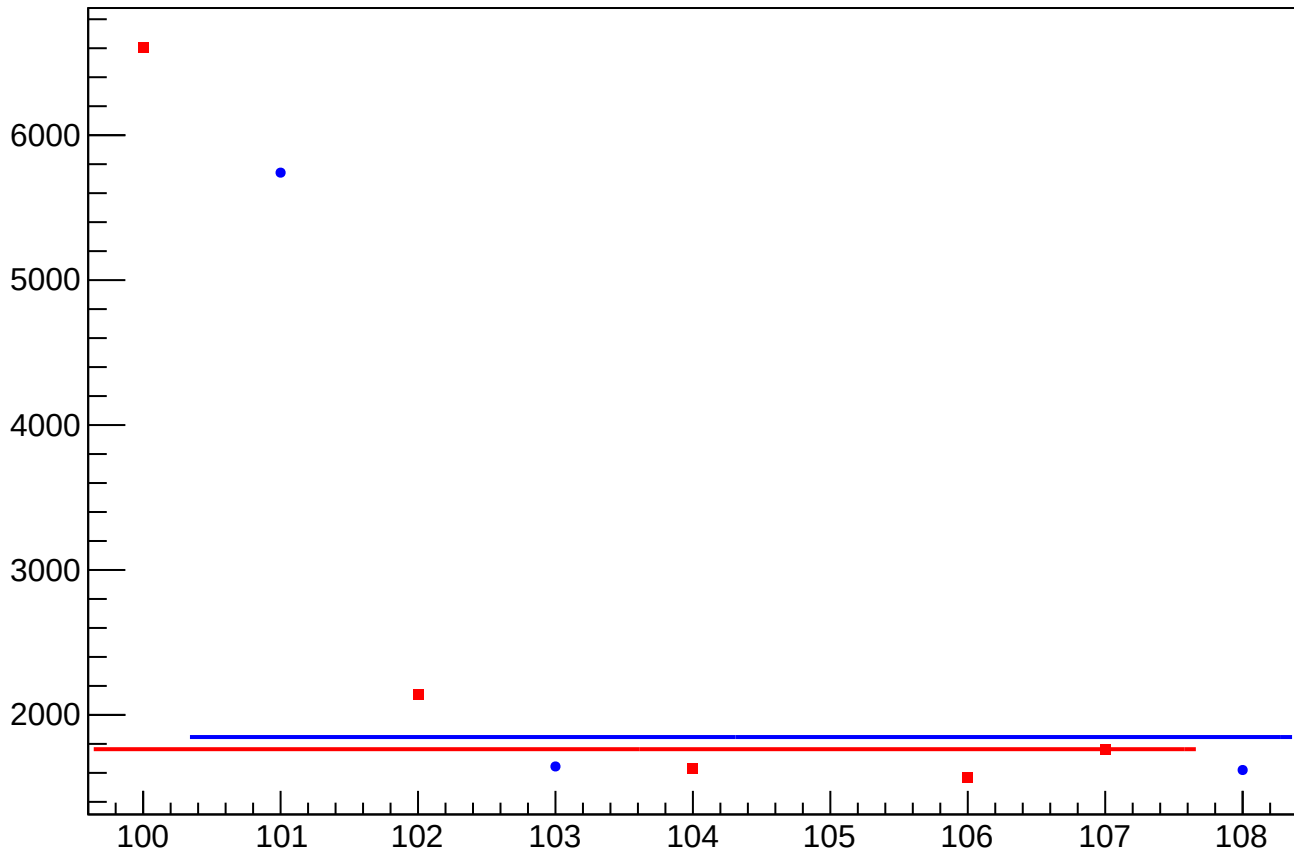
Right: -836.709+/-1092.737 χ^2/NDF : 7.5/7

In: -2204.557+/-1615.605 χ^2/NDF : 3.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -836.709+/-1092.737 χ^2/NDF : 7.5/7

reg_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1847.304+/-1.142 χ^2/NDF : 635998.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1763.506+/-1.011 χ^2/NDF : 122993.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

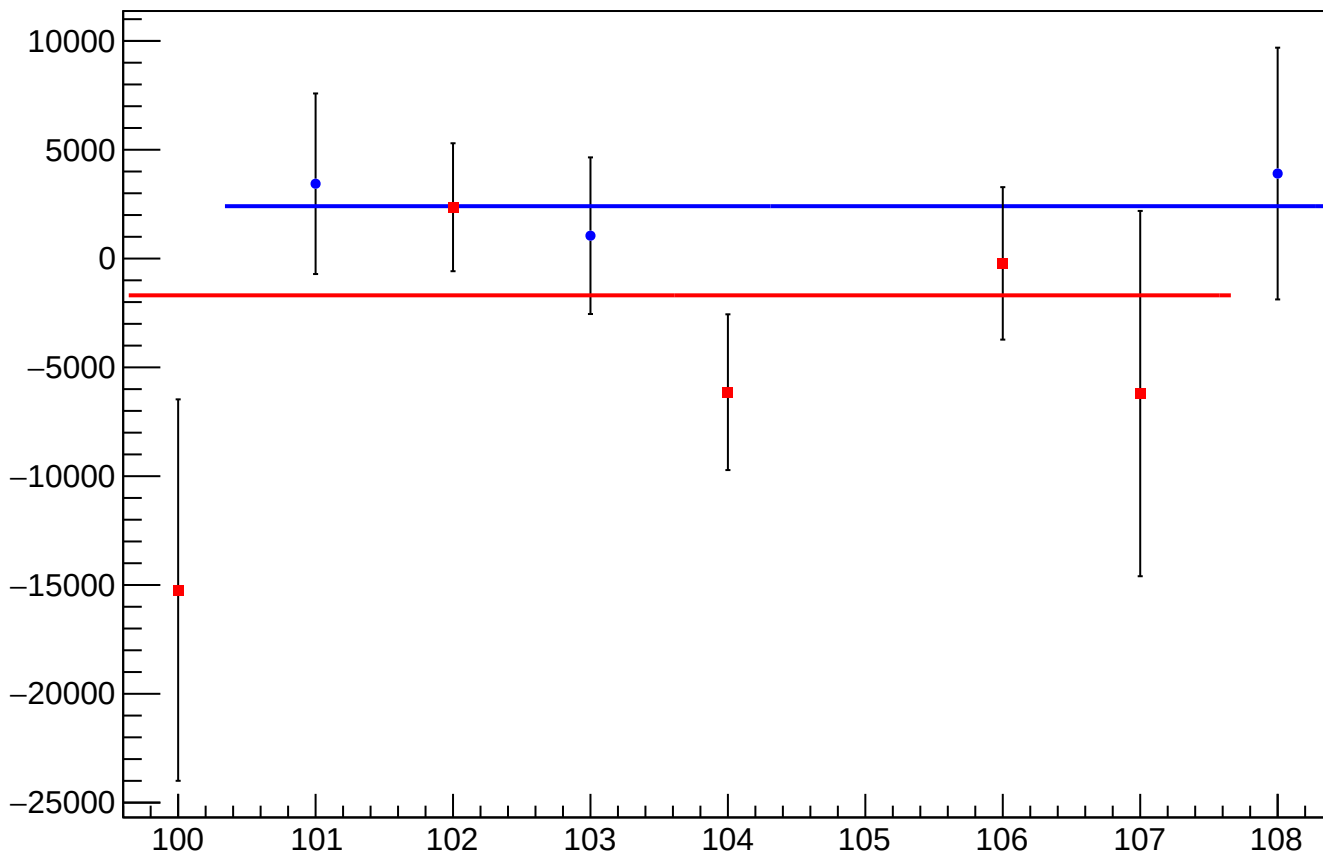
Right: 1800.323+/-0.757 χ^2/NDF : 762008.6/7

In: 1847.304+/-1.142 χ^2/NDF : 635998.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1800.323+/-0.757 χ^2/NDF : 762008.6/7

asym_atr1l2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 2406.636+/-2460.388 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1689.648+/-1818.222 χ^2/NDF : 6.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

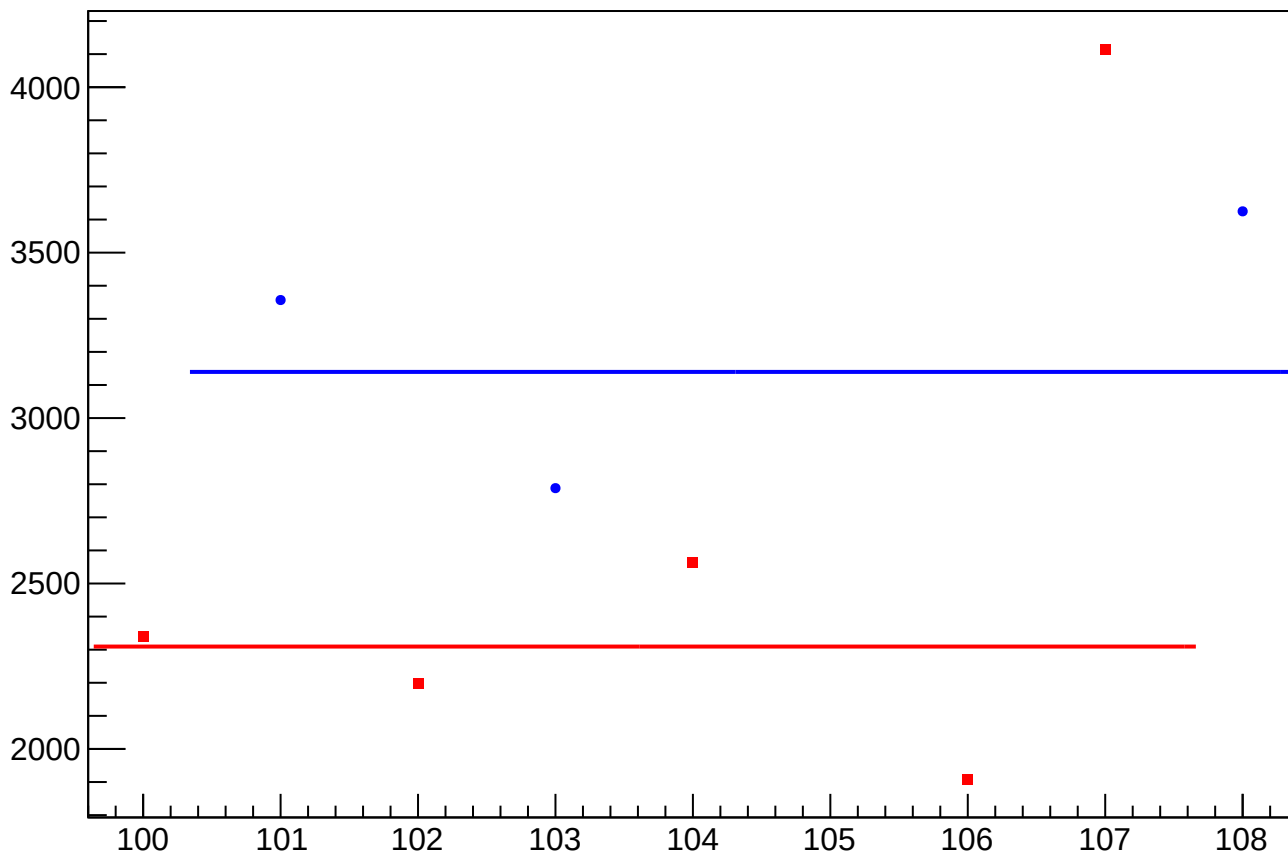
Right: -242.764+/-1462.263 χ^2/NDF : 8.4/7

In: 2406.636+/-2460.388 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -242.764+/-1462.263 χ^2/NDF : 8.4/7

asym_atr1l2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3139.529+/-1.740 χ^2/NDF : 38617.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2309.446+/-1.286 χ^2/NDF : 131908.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

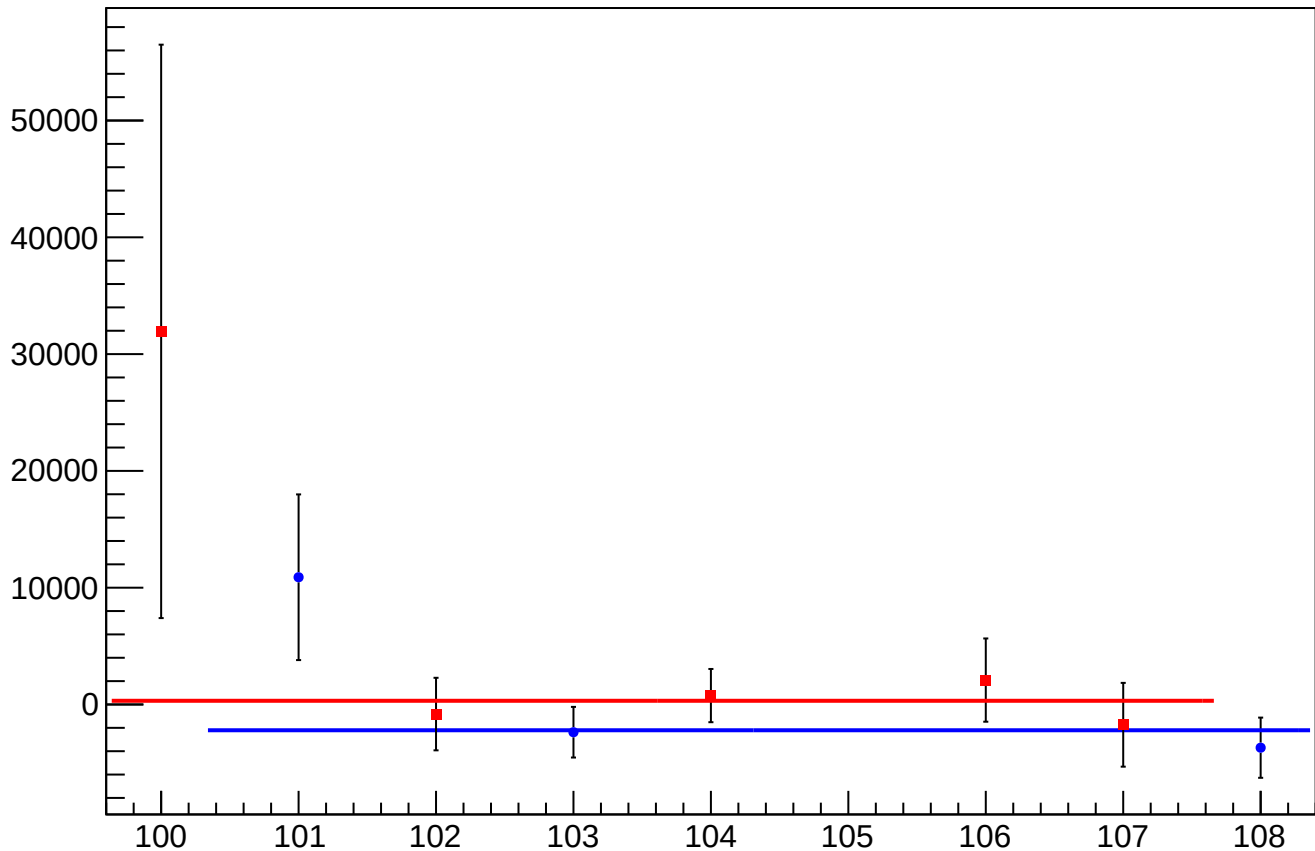
Right: 2602.647+/-1.034 χ^2/NDF : 317764.1/7

In: 3139.529+/-1.740 χ^2/NDF : 38617.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2602.647+/-1.034 χ^2/NDF : 317764.1/7

cor_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -2206.768+/-1615.605 χ^2 /NDF: 3.8/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 317.068+/-1483.555 χ^2 /NDF: 2.4/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

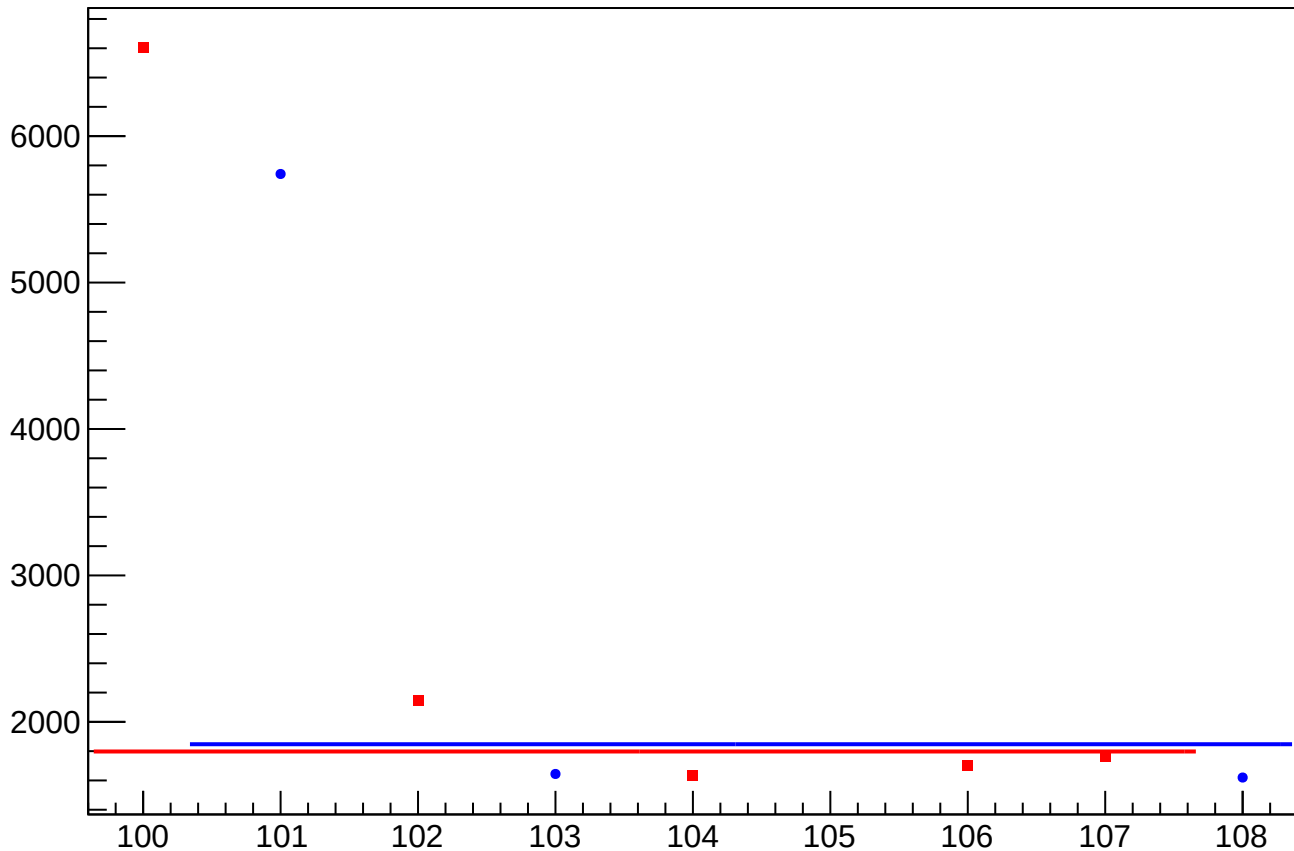
Right: -837.508+/-1092.738 χ^2 /NDF: 7.5/7

In: -2206.768+/-1615.605 χ^2 /NDF:3.8/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -837.508+/-1092.738 χ^2 /NDF: 7.5/7

cor_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1847.302+/-1.142 χ^2/NDF : 635998.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1797.702+/-1.029 χ^2/NDF : 113993.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

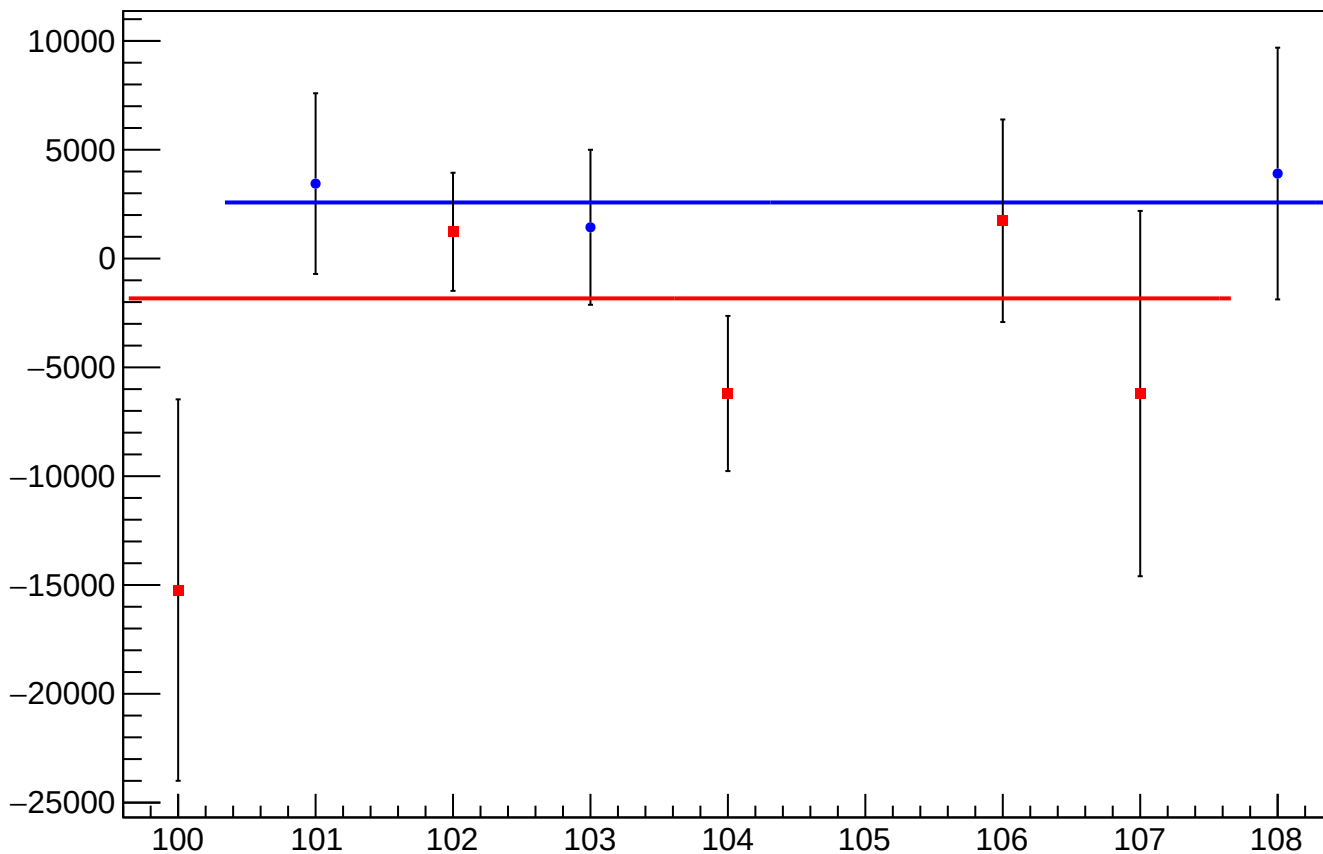
Right: 1819.928+/-0.765 χ^2/NDF : 751032.2/7

In: 1847.302+/-1.142 χ^2/NDF : 635998.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1819.928+/-0.765 χ^2/NDF : 751032.2/7

asym_atr1l2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 2577.594+/-2448.906 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1830.262+/-1863.574 χ^2/NDF : 6.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

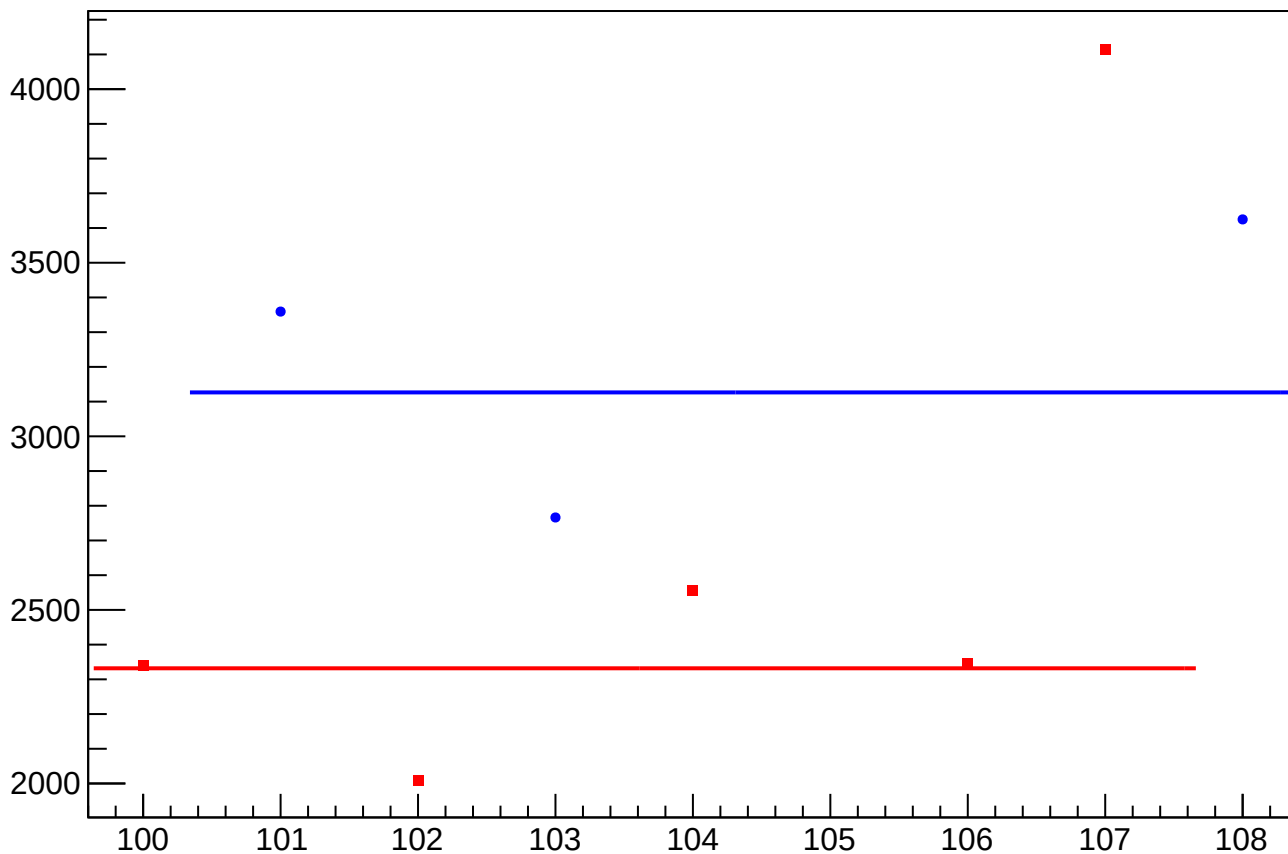
Right: -213.789+/-1483.005 χ^2/NDF : 8.2/7

In: 2577.594+/-2448.906 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -213.789+/-1483.005 χ^2/NDF : 8.2/7

asym_atr1l2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3126.476+/-1.732 χ^2/NDF : 41599.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2331.788+/-1.318 χ^2/NDF : 126308.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

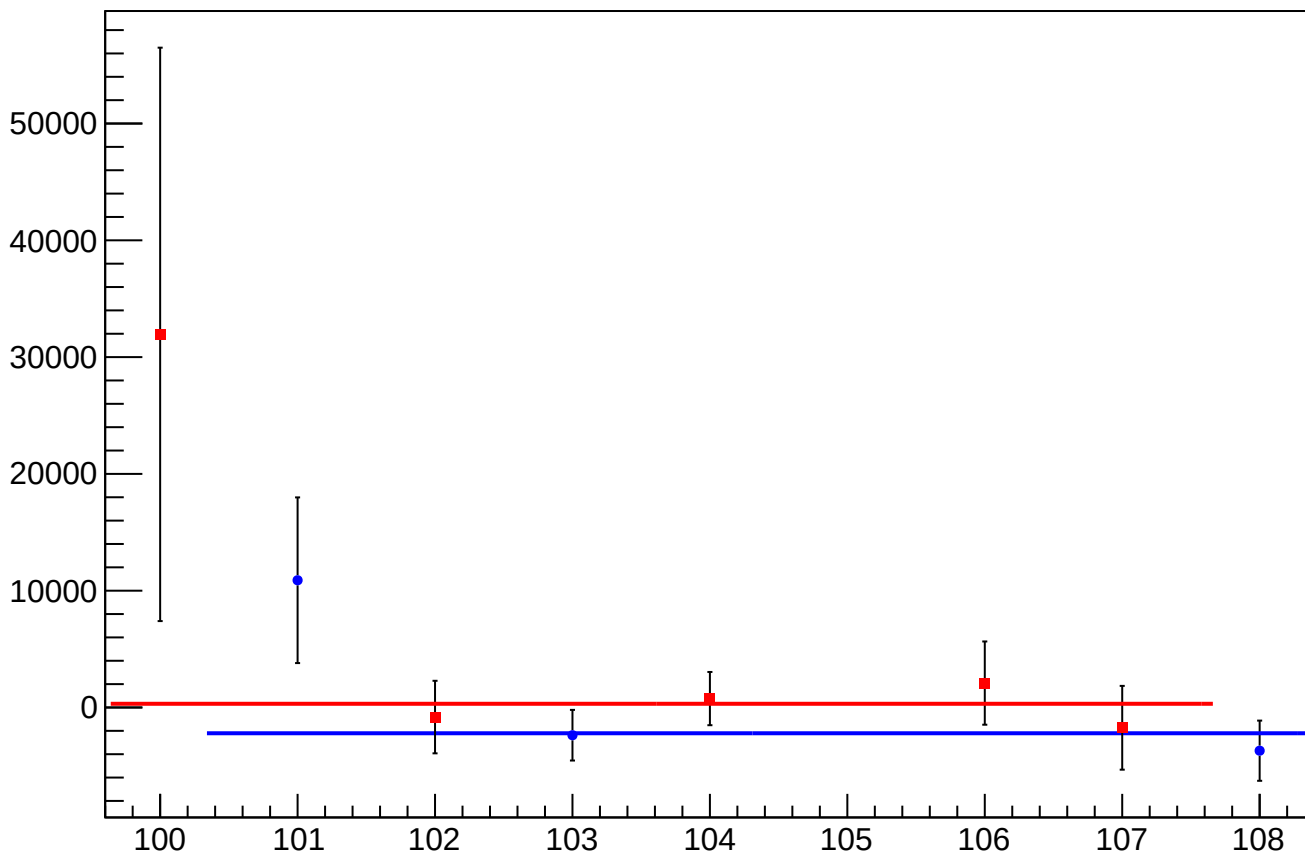
Right: 2623.221+/-1.049 χ^2/NDF : 301282.1/7

In: 3126.476+/-1.732 χ^2/NDF : 41599.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2623.221+/-1.049 χ^2/NDF : 301282.1/7

eigen_cor_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -2206.768+/-1615.605 χ^2/NDF : 3.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 317.068+/-1483.555 χ^2/NDF : 2.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

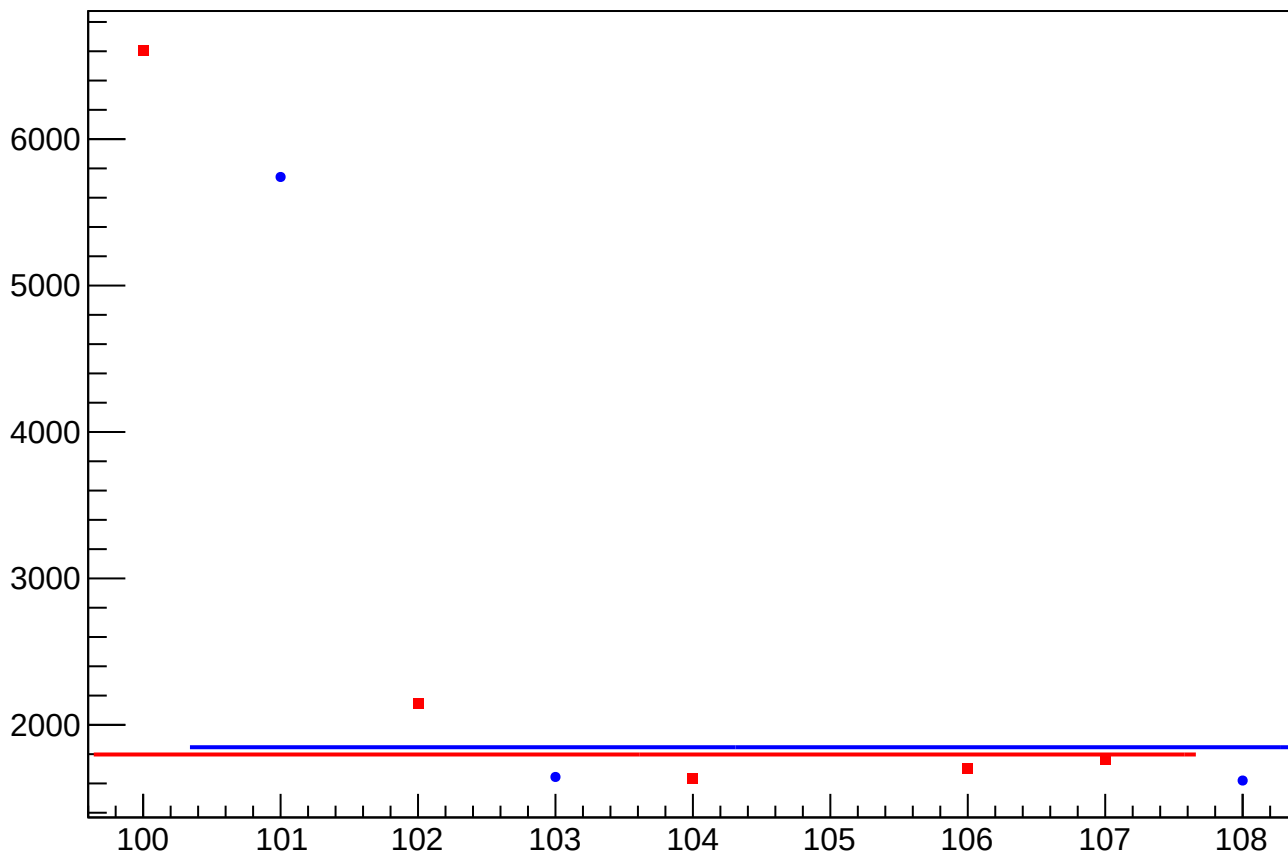
Right: -837.508+/-1092.738 χ^2/NDF : 7.5/7

In: -2206.768+/-1615.605 χ^2/NDF : 3.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -837.508+/-1092.738 χ^2/NDF : 7.5/7

eigen_cor_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1847.302+/-1.142 χ^2/NDF : 635998.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1797.702+/-1.029 χ^2/NDF : 113993.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

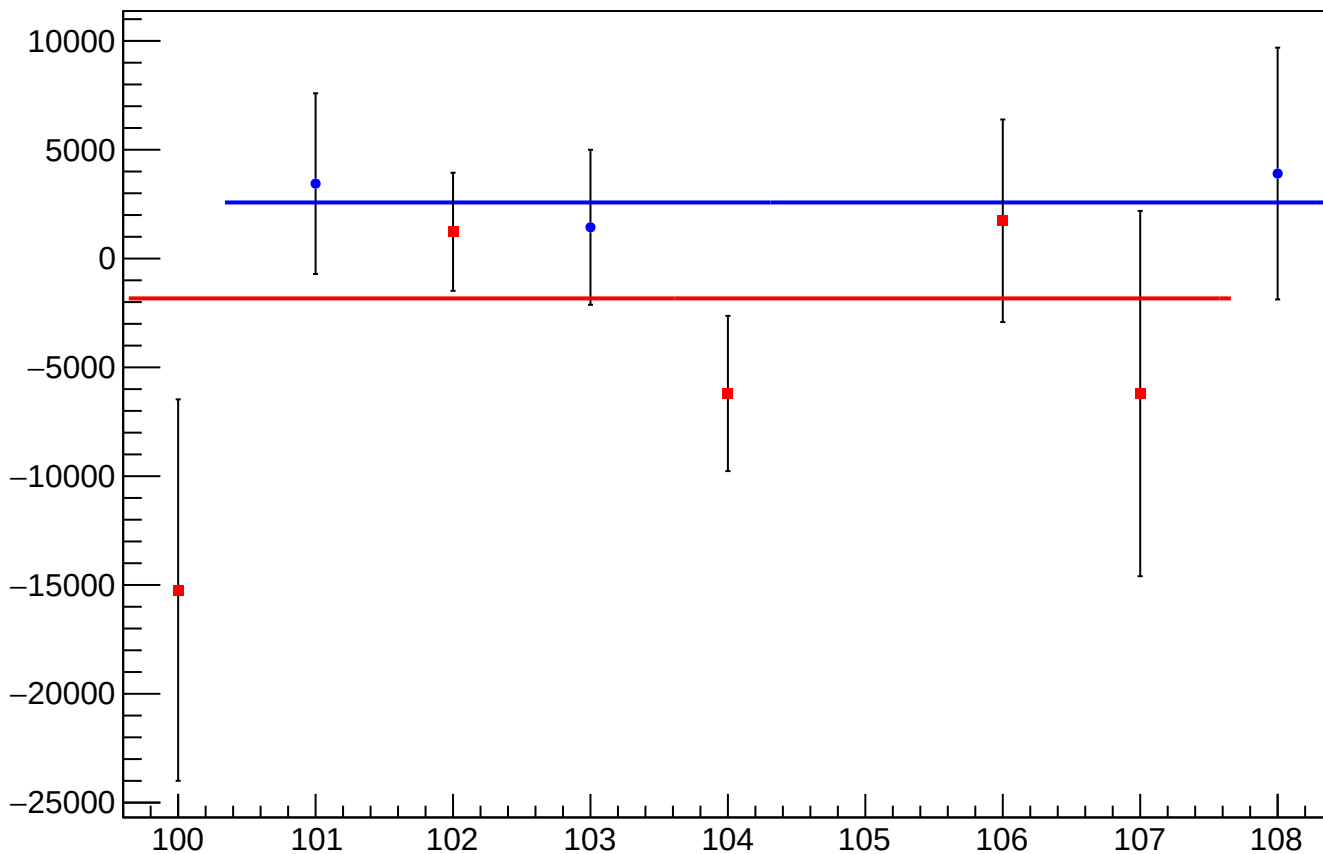
Right: 1819.928+/-0.765 χ^2/NDF : 751032.2/7

In: 1847.302+/-1.142 χ^2/NDF : 635998.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1819.928+/-0.765 χ^2/NDF : 751032.2/7

asym_atr1l2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2577.594+/-2448.906 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1830.262+/-1863.574 χ^2/NDF : 6.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

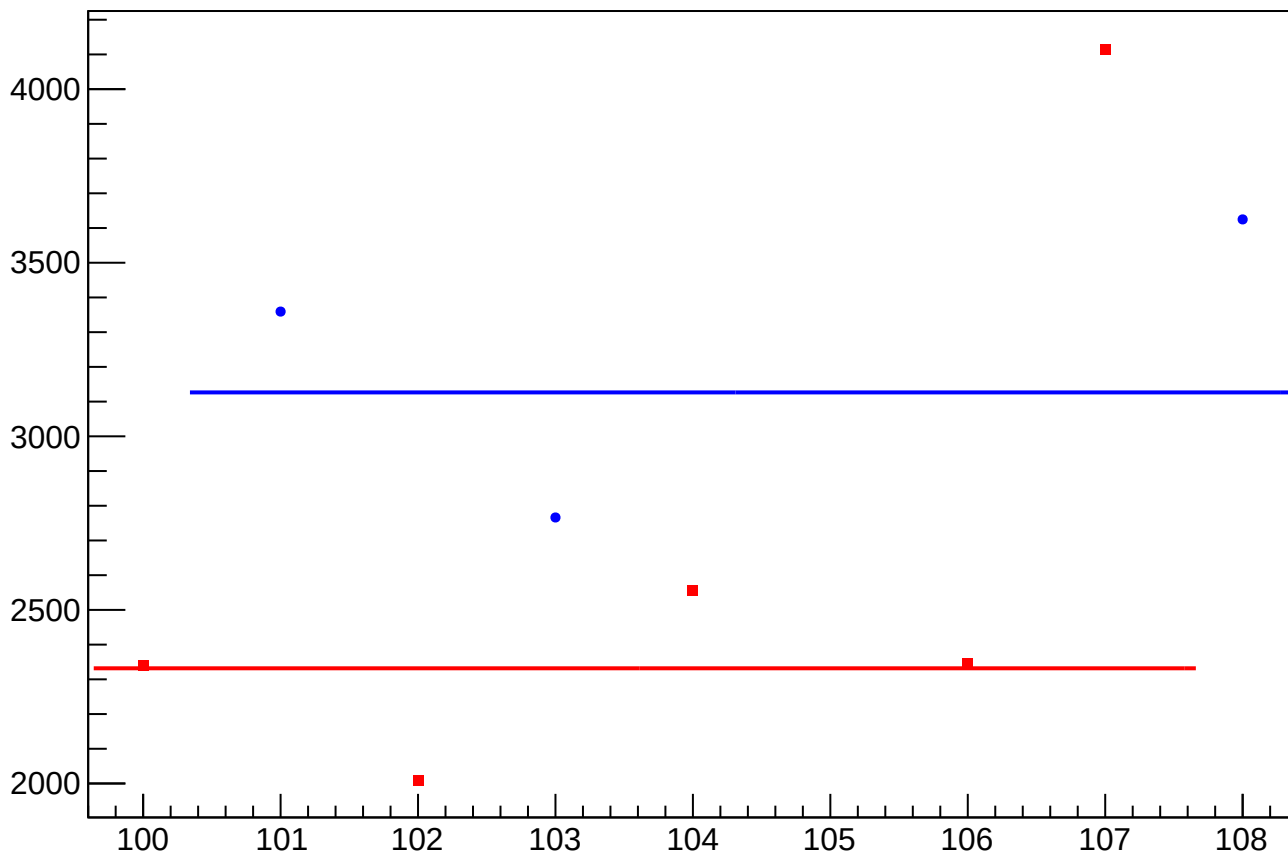
Right: -213.789+/-1483.005 χ^2/NDF : 8.2/7

In: 2577.594+/-2448.906 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -213.789+/-1483.005 χ^2/NDF : 8.2/7

asym_atr1l2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3126.476+/-1.732 χ^2/NDF : 41599.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2331.788+/-1.318 χ^2/NDF : 126308.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

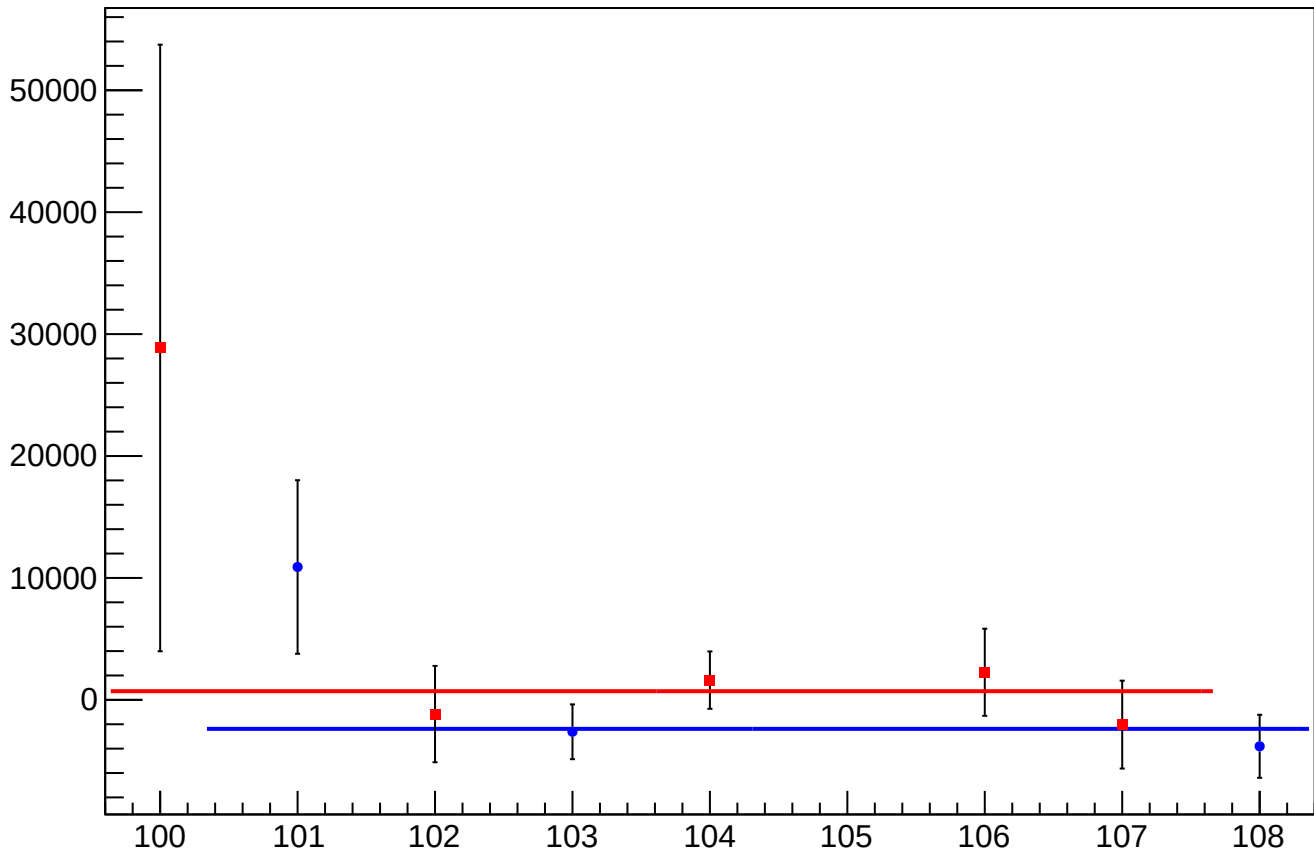
Right: 2623.221+/-1.049 χ^2/NDF : 301282.1/7

In: 3126.476+/-1.732 χ^2/NDF : 41599.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2623.221+/-1.049 χ^2/NDF : 301282.1/7

dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -2376.855 $\pm$ 1649.823 χ^2 /NDF: 3.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 711.456 $\pm$ 1577.834 χ^2 /NDF: 2.4/4

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

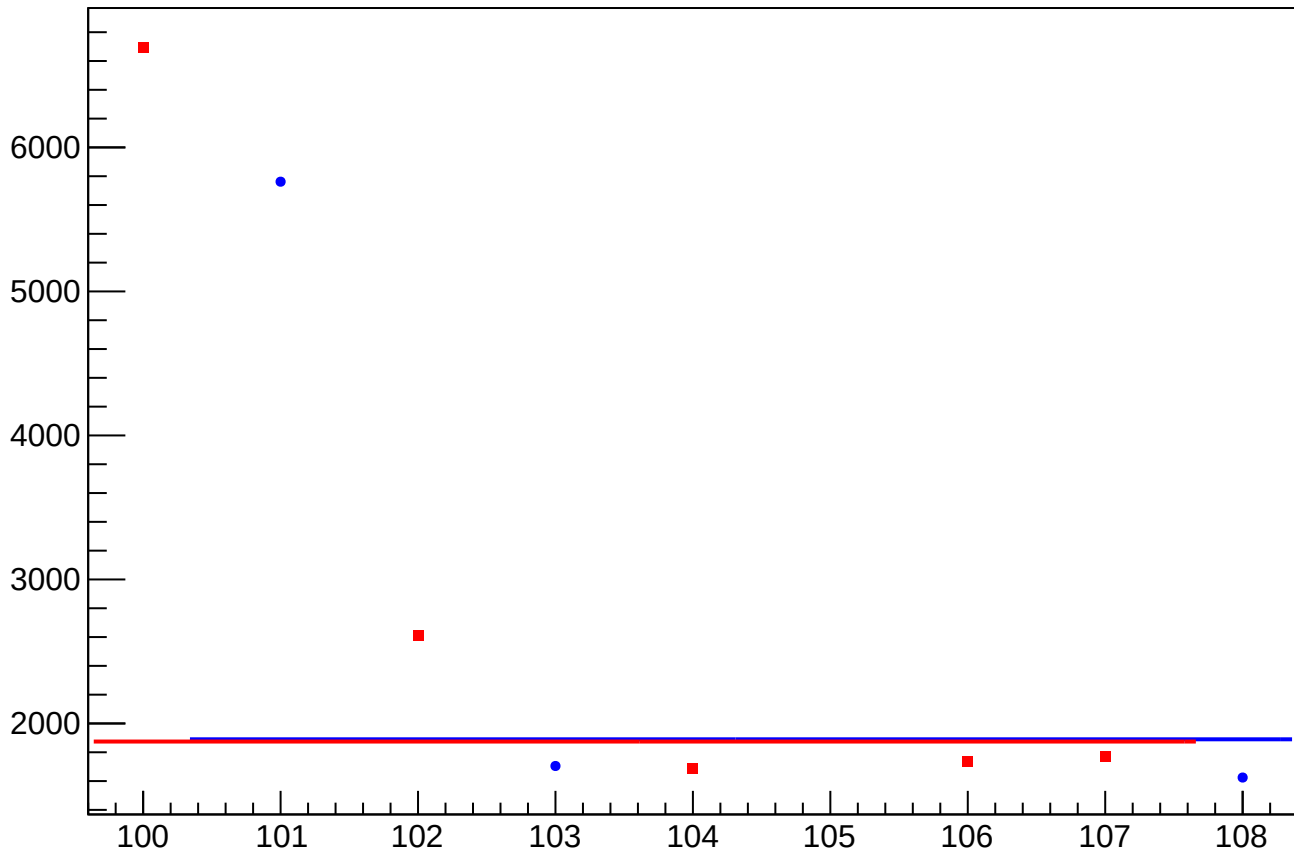
Right: -763.853 $\pm$ 1140.298 χ^2 /NDF: 8.0/7

In: -2376.855 $\pm$ 1649.823 χ^2 /NDF:3.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -763.853 $\pm$ 1140.298 χ^2 /NDF: 8.0/7

dit_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1890.037+/-1.167 χ^2/NDF : 626421.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1874.521+/-1.097 χ^2/NDF : 163330.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

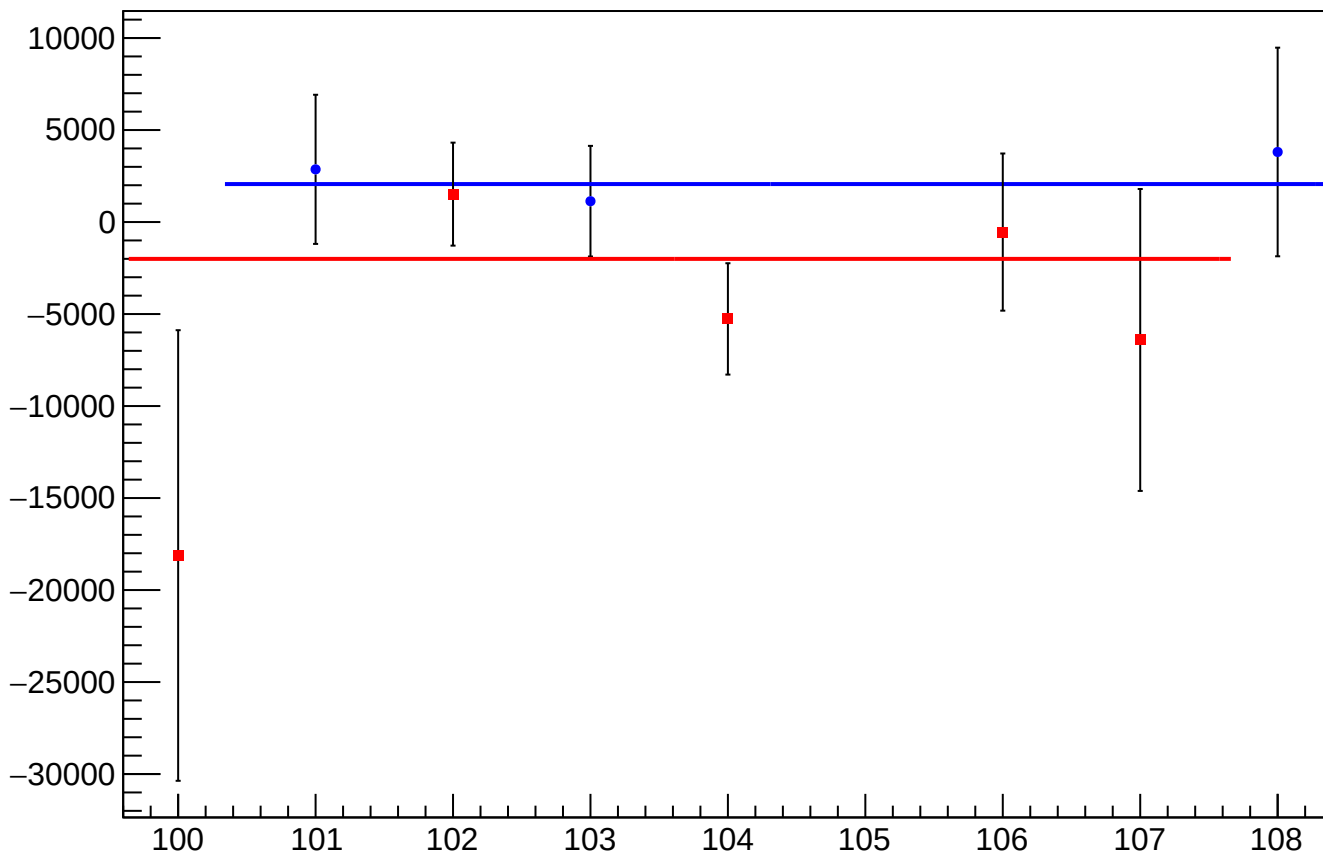
Right: 1881.805+/-0.799 χ^2/NDF : 789845.8/7

In: 1890.037+/-1.167 χ^2/NDF : 626421.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1881.805+/-0.799 χ^2/NDF : 789845.8/7

asym_atr1l2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 2063.841 $\pm$ 2221.374 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2002.444 $\pm$ 1786.638 χ^2 /NDF: 4.9/4

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

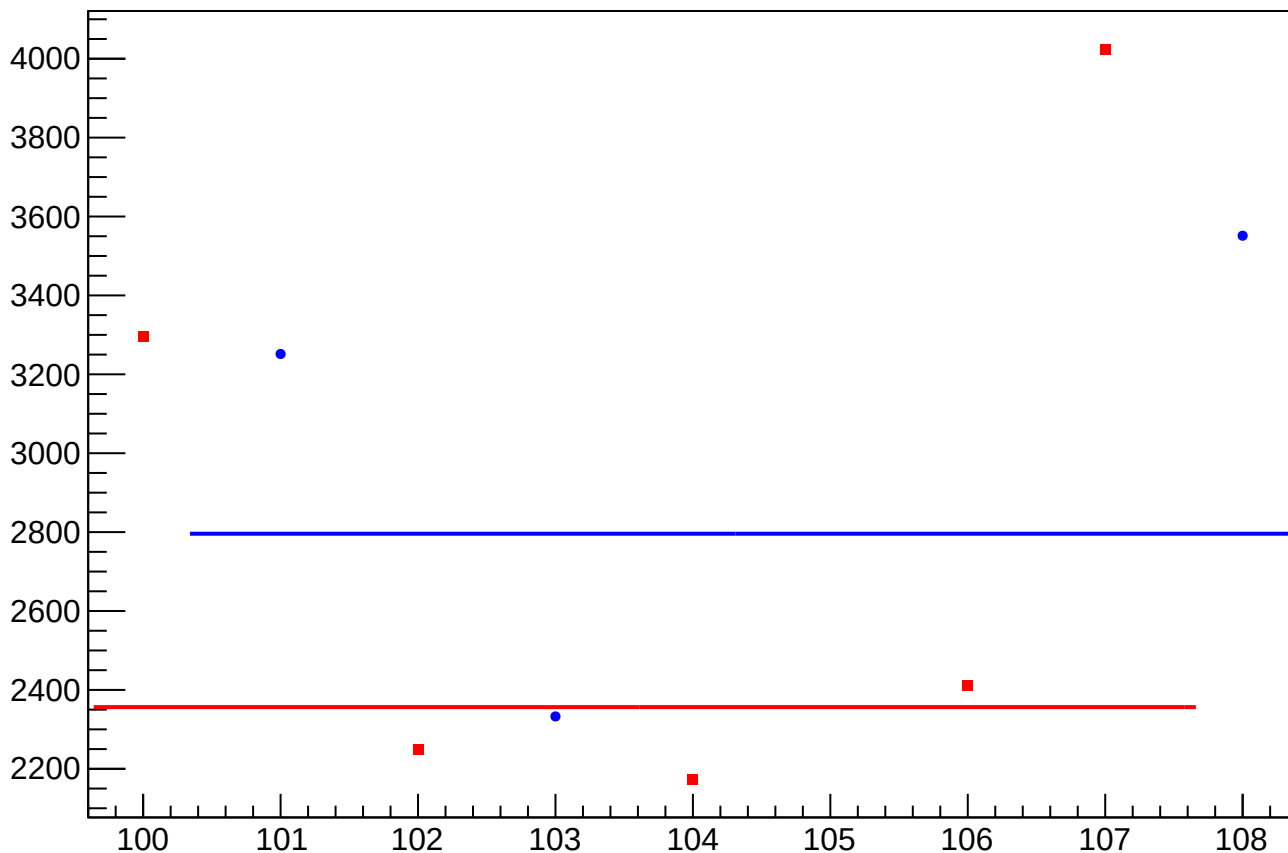
Right: -405.230 $\pm$ 1392.209 χ^2 /NDF: 7.1/7

In: 2063.841 $\pm$ 2221.374 χ^2 /NDF:0.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -405.230 $\pm$ 1392.209 χ^2 /NDF: 7.1/7

asym_atr1l2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2795.925+/-1.571 χ^2/NDF : 108252.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2356.445+/-1.263 χ^2/NDF : 104971.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

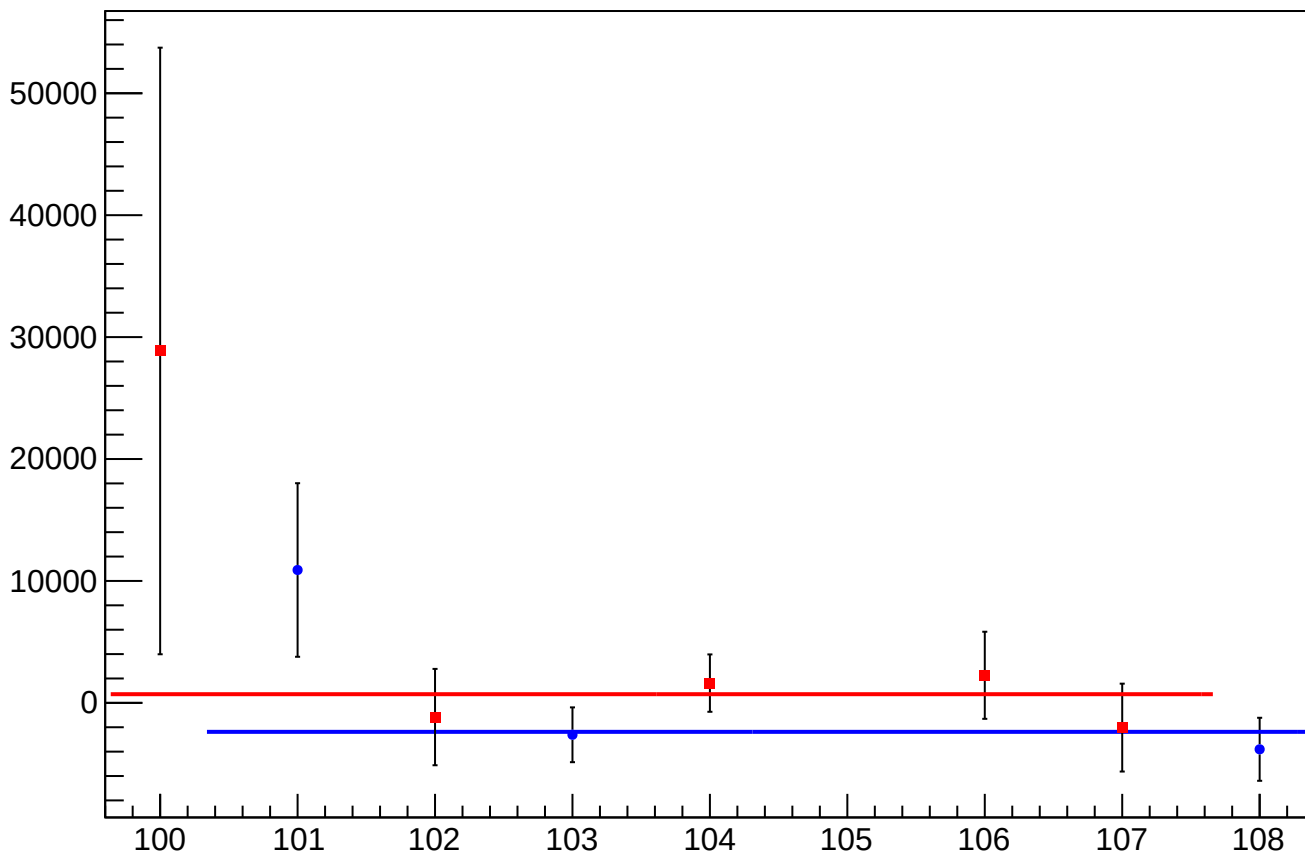
Right: 2529.070+/-0.984 χ^2/NDF : 260758.2/7

In: 2795.925+/-1.571 χ^2/NDF : 108252.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2529.070+/-0.984 χ^2/NDF : 260758.2/7

eigen_dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -2376.862 $\pm$ 1649.824 χ^2 /NDF: 3.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 711.453 $\pm$ 1577.834 χ^2 /NDF: 2.4/4

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

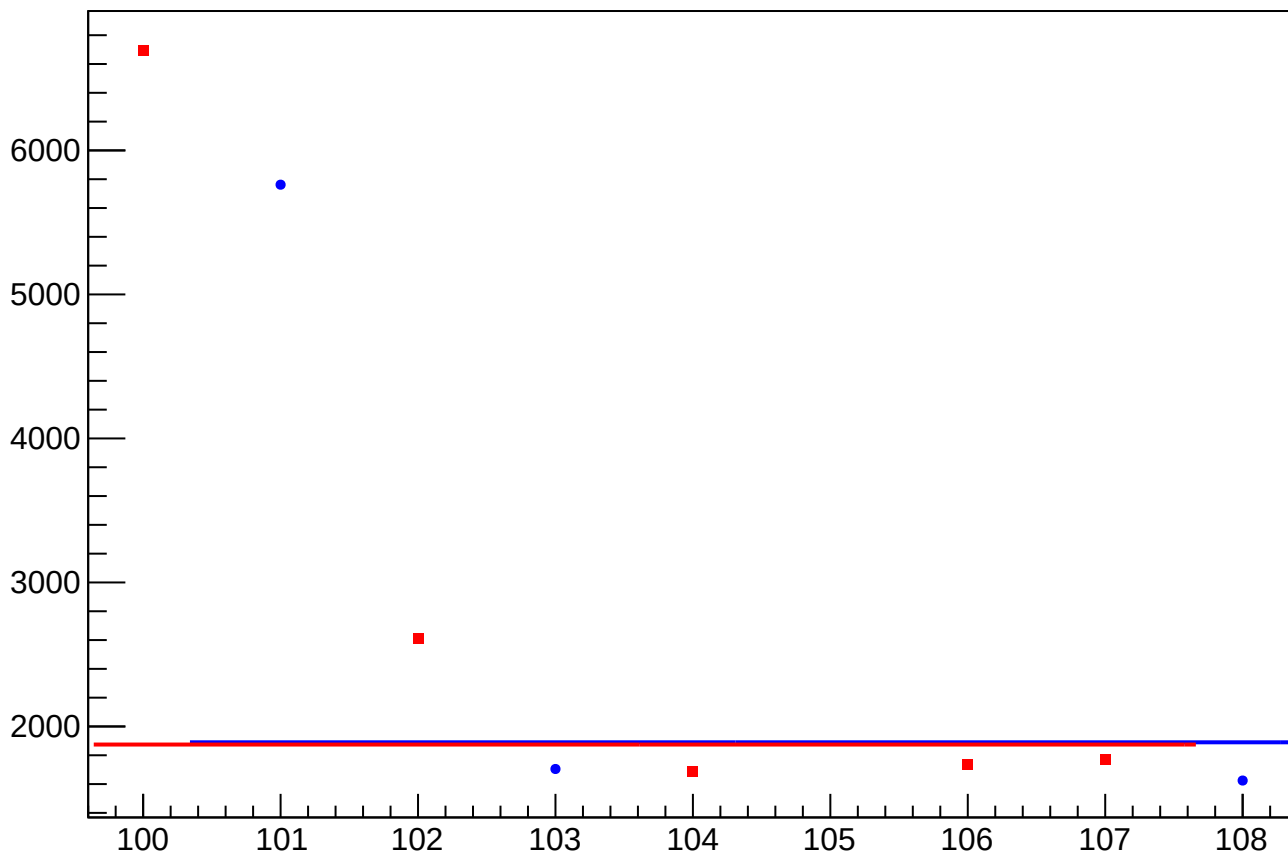
Right: -763.857 $\pm$ 1140.298 χ^2 /NDF: 8.0/7

In: -2376.862 $\pm$ 1649.824 χ^2 /NDF: 3.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -763.857 $\pm$ 1140.298 χ^2 /NDF: 8.0/7

eigen_dit_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1890.038+/-1.167 χ^2/NDF : 626421.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1874.520+/-1.097 χ^2/NDF : 163330.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

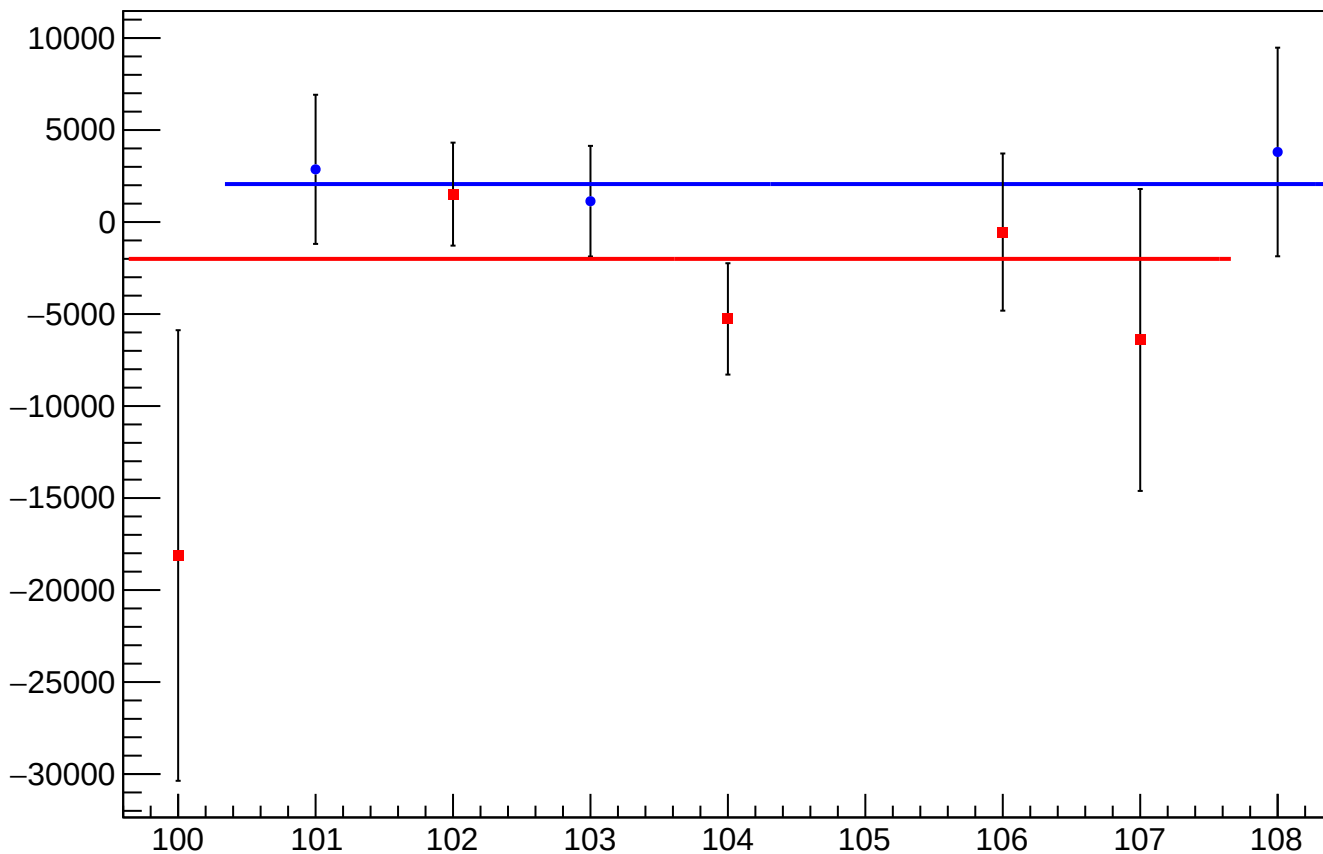
Right: 1881.805+/-0.799 χ^2/NDF : 789845.7/7

In: 1890.038+/-1.167 χ^2/NDF : 626421.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1881.805+/-0.799 χ^2/NDF : 789845.7/7

asym_atr1l2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 2063.842 $\pm$ 2221.373 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2002.448 $\pm$ 1786.638 χ^2 /NDF: 4.9/4

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

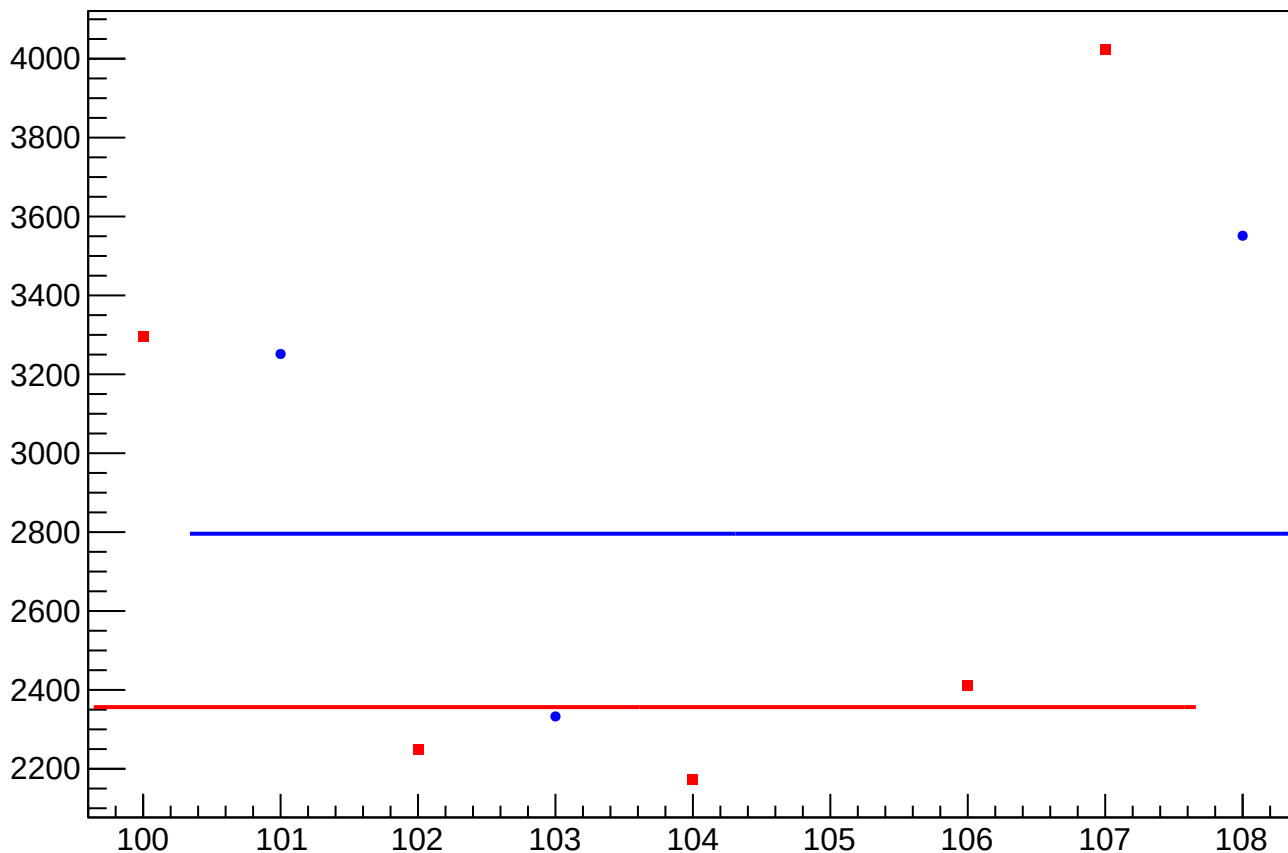
Right: -405.230 $\pm$ 1392.209 χ^2 /NDF: 7.1/7

In: 2063.842 $\pm$ 2221.373 χ^2 /NDF:0.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -405.230 $\pm$ 1392.209 χ^2 /NDF: 7.1/7

asym_atr1l2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2795.924+/-1.571 χ^2/NDF : 108251.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2356.446+/-1.263 χ^2/NDF : 104971.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

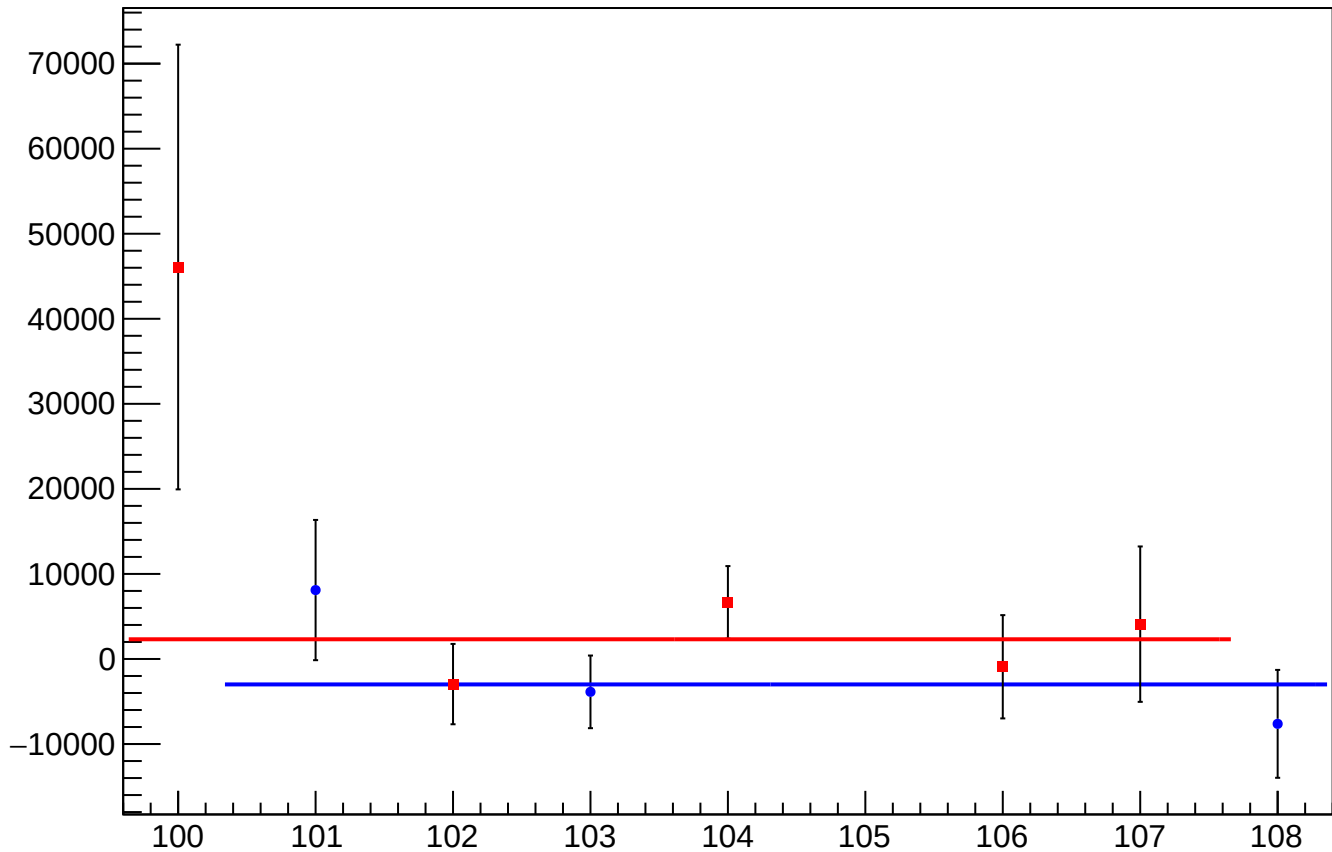
Right: 2529.071+/-0.984 χ^2/NDF : 260755.3/7

In: 2795.924+/-1.571 χ^2/NDF : 108251.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2529.071+/-0.984 χ^2/NDF : 260755.3/7

asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -2991.917+/-3254.779 χ^2/NDF : 2.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2315.766+/-2669.348 χ^2/NDF : 5.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

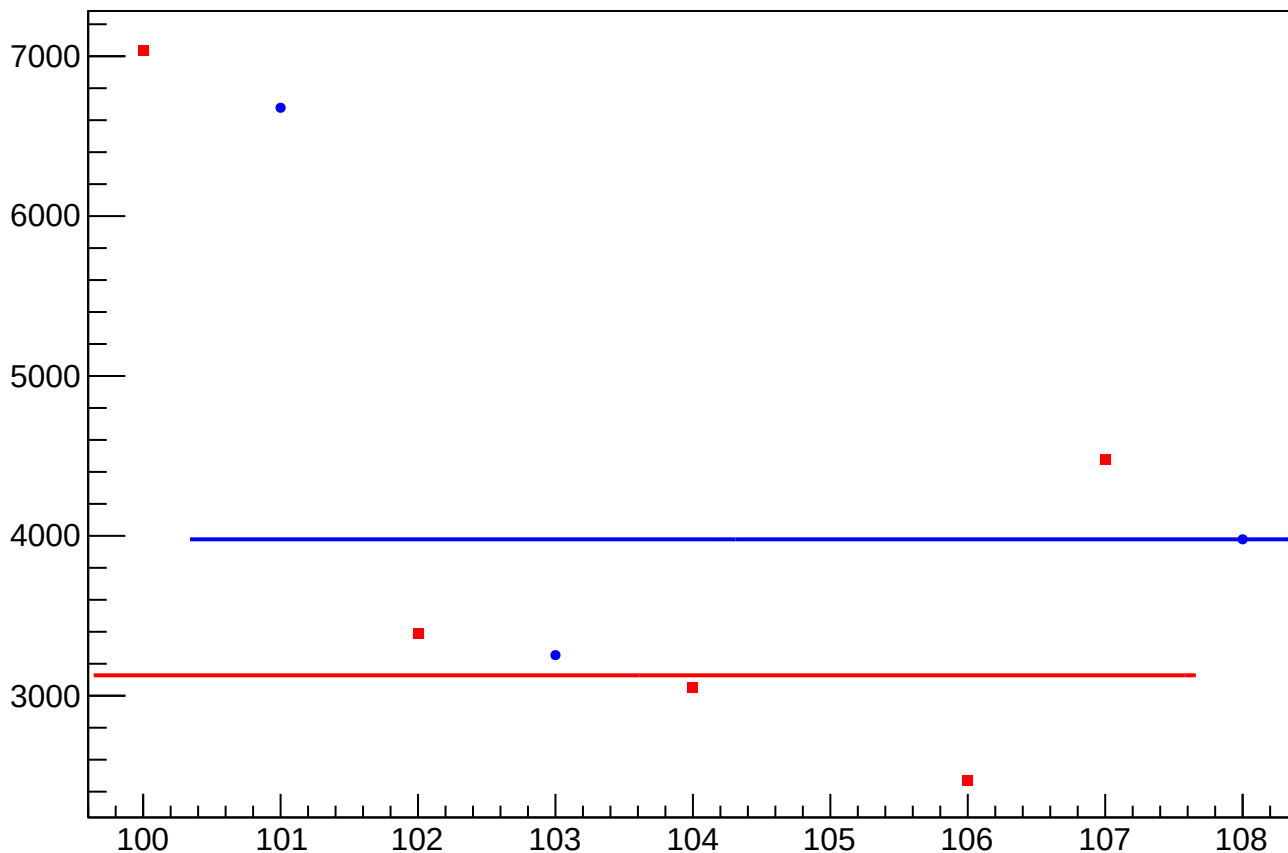
Right: 181.365+/-2063.988 χ^2/NDF : 9.4/7

In: -2991.917+/-3254.779 χ^2/NDF : 2.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.365+/-2063.988 χ^2/NDF : 9.4/7

asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 3978.277+/-2.301 χ^2/NDF : 271898.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3127.740+/-1.780 χ^2/NDF : 133622.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

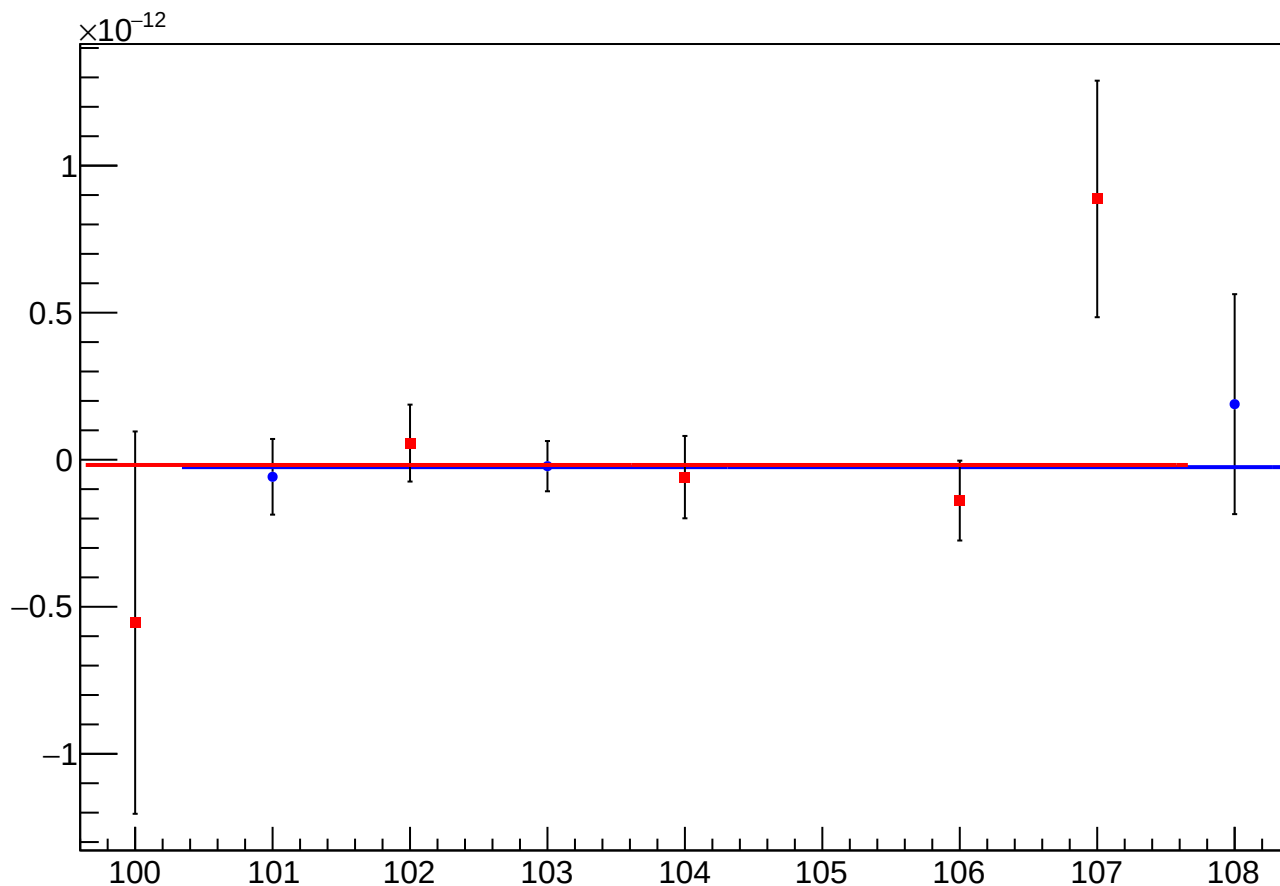
Right: 3446.050+/-1.408 χ^2/NDF : 490986.0/7

In: 3978.277+/-2.301 χ^2/NDF : 271898.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3446.050+/-1.408 χ^2/NDF : 490986.0/7

asym_atr1l2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

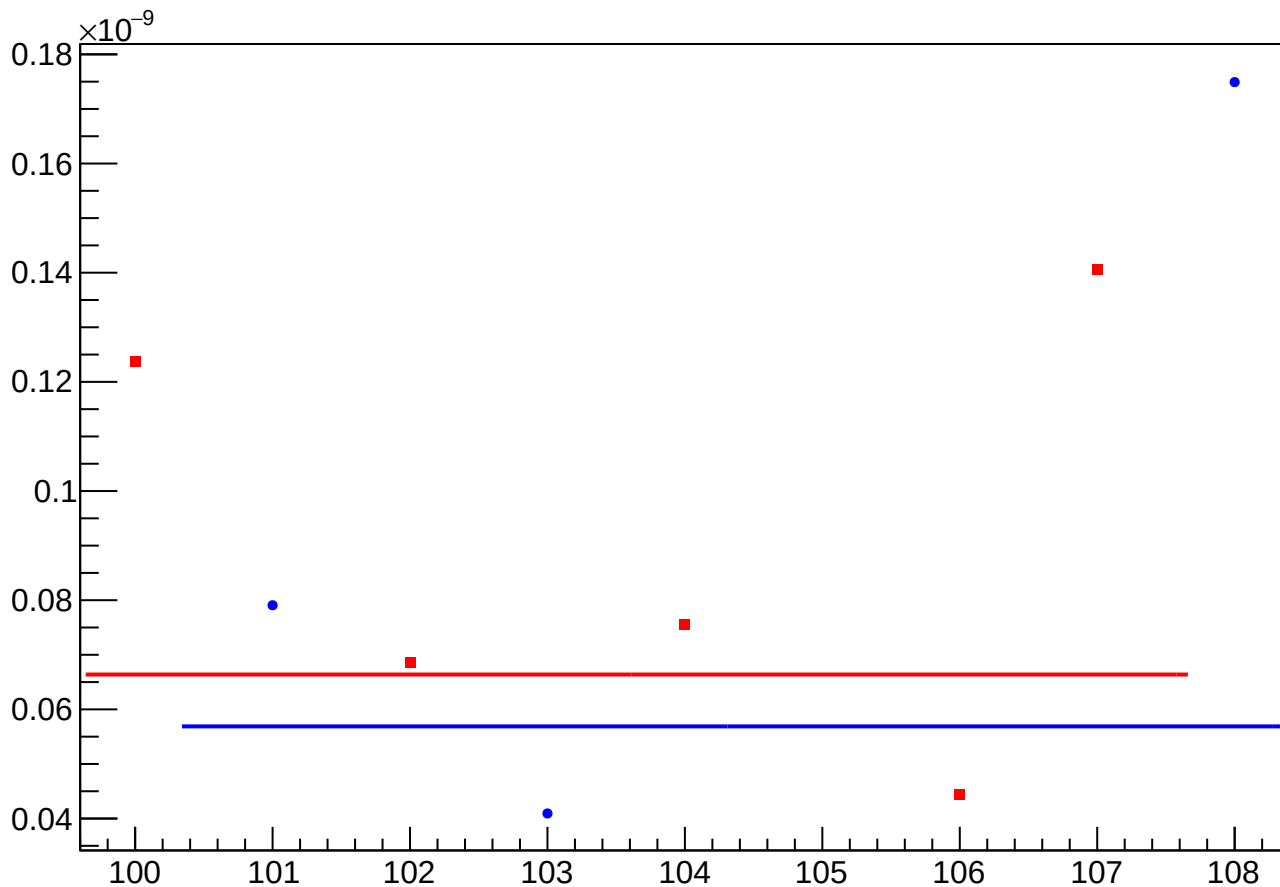
Right: -0.000+/-0.000 χ^2/NDF : 7.3/7

In: -0.000+/-0.000 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.3/7

asym_atr1l2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 328464.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 145082.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

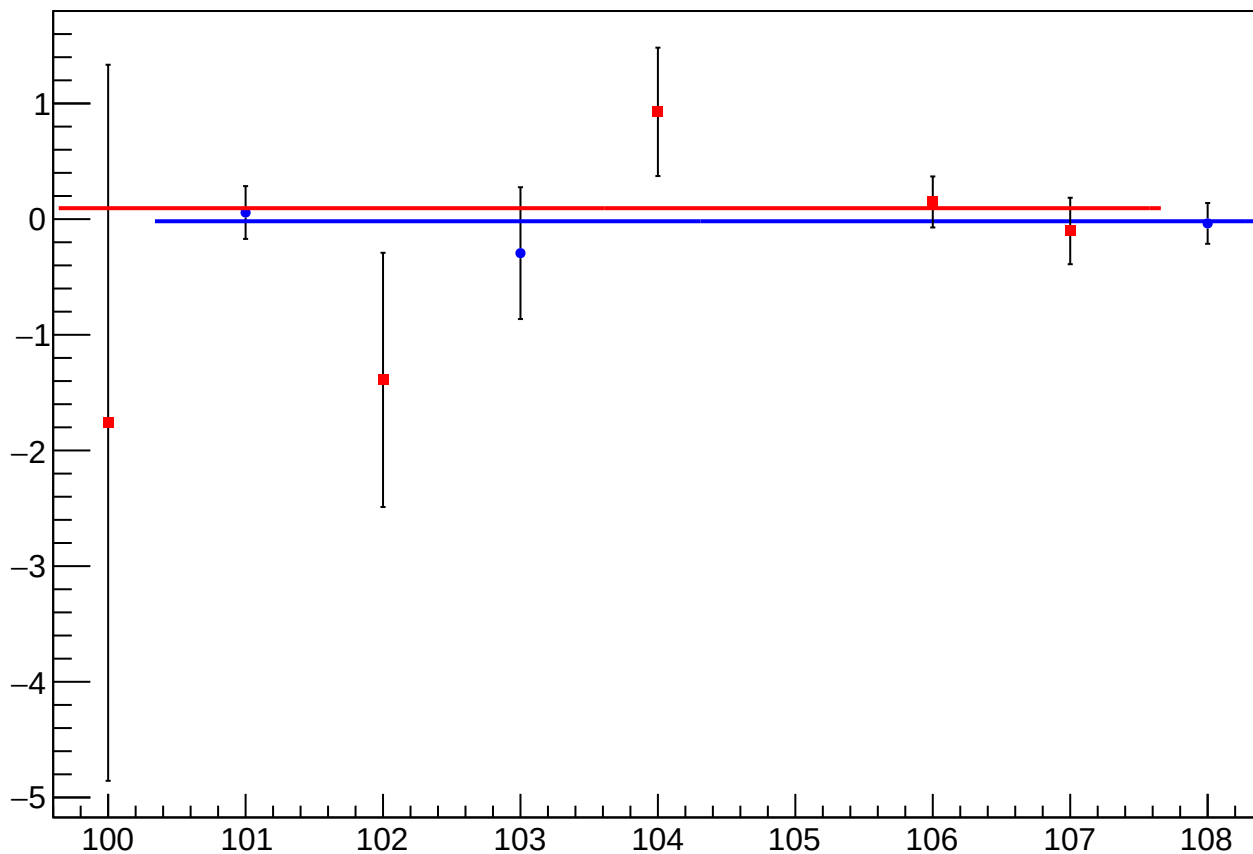
Right: 0.000+/-0.000 χ^2/NDF : 490425.6/7

In: 0.000+/-0.000 χ^2/NDF : 328464.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 490425.6/7

asym_atr1l2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018 ± 0.135 χ^2/NDF : 0.4/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.095 ± 0.165 χ^2/NDF : 5.0/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

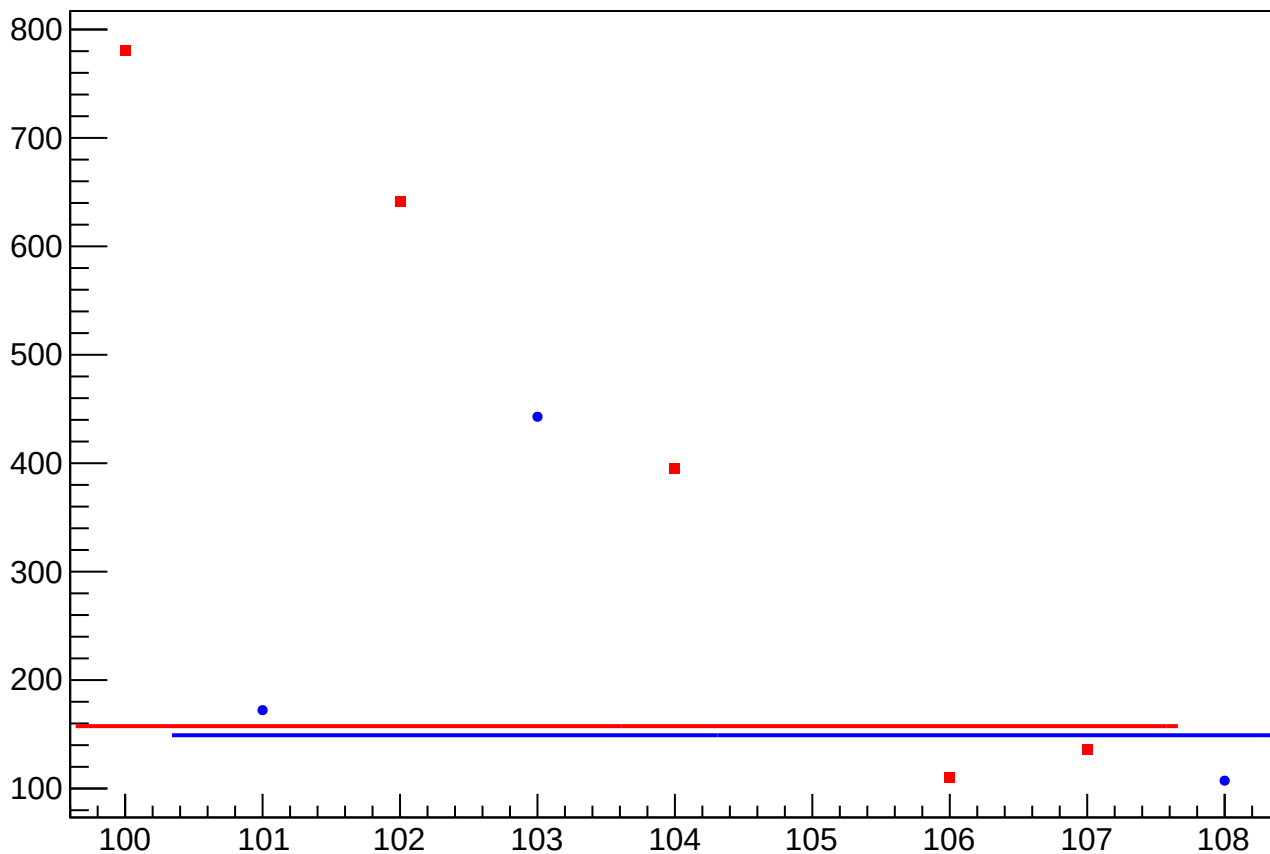
Right: 0.027 ± 0.105 χ^2/NDF : 5.6/7

In: -0.018 ± 0.135 χ^2/NDF : 0.4/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.027 ± 0.105 χ^2/NDF : 5.6/7

asym_atr1l2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 149.127+/-0.096 χ^2/NDF : 664996.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.535+/-0.116 χ^2/NDF : 938833.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

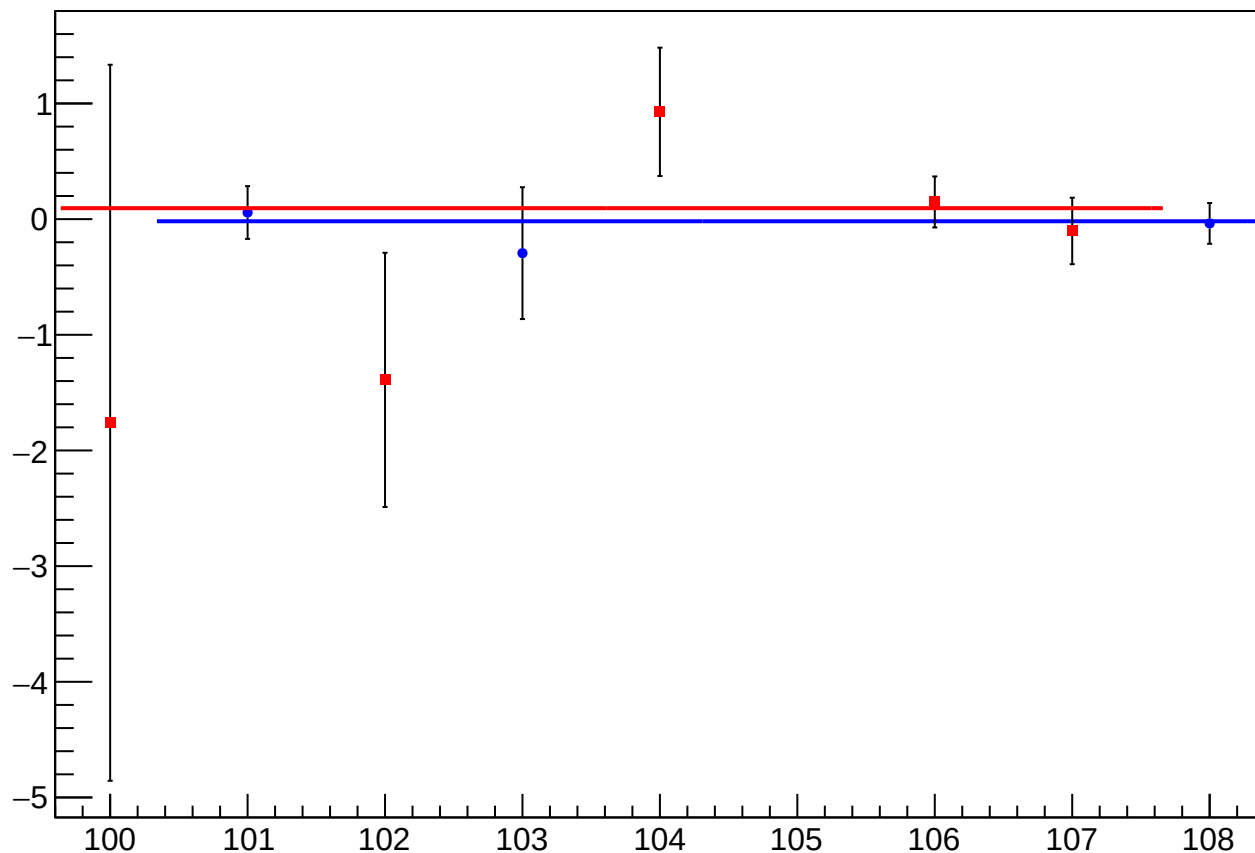
Right: 152.519+/-0.074 χ^2/NDF : 1606937.1/7

In: 149.127+/-0.096 χ^2/NDF : 664996.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.519+/-0.074 χ^2/NDF : 1606937.1/7

asym_atr1l2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018 ± 0.135 χ^2/NDF : 0.4/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.095 ± 0.165 χ^2/NDF : 5.0/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

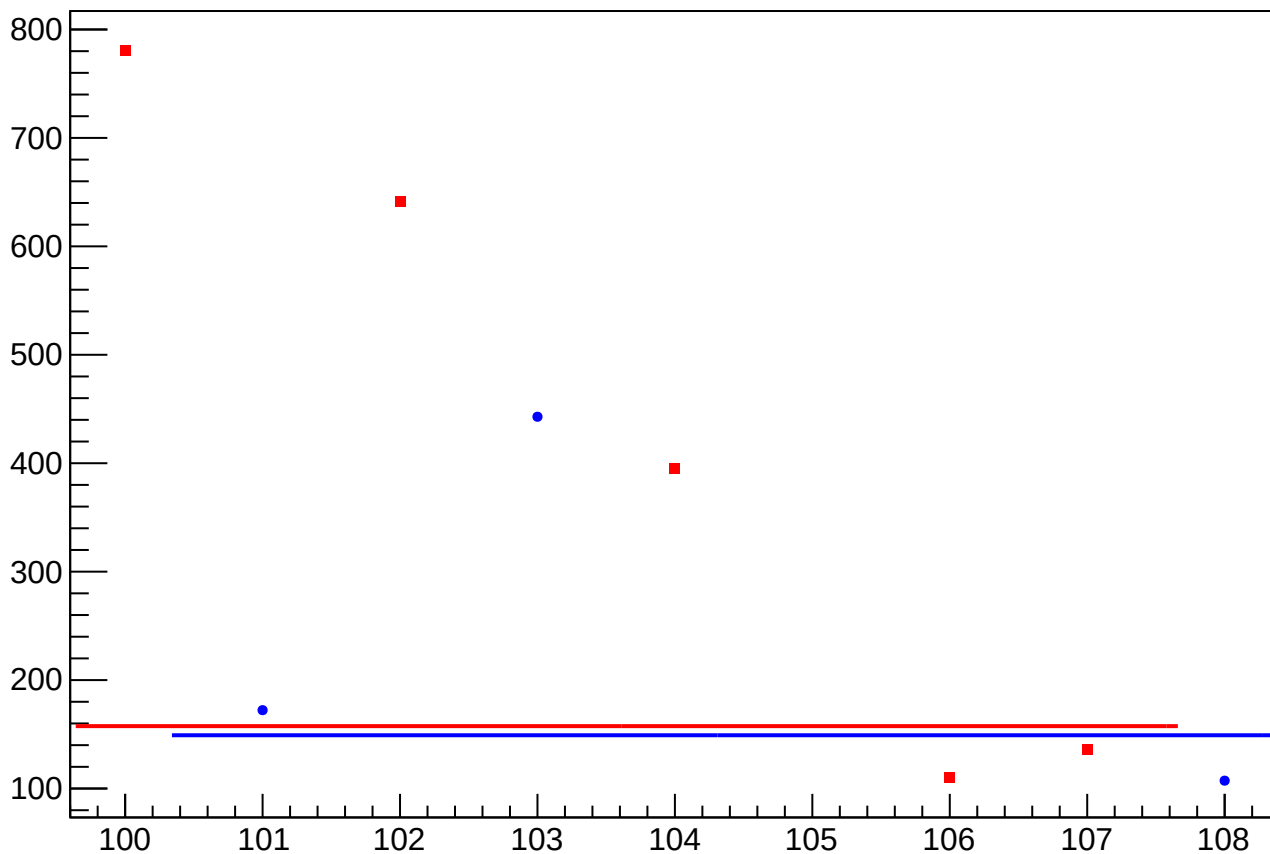
Right: 0.027 ± 0.105 χ^2/NDF : 5.6/7

In: -0.018 ± 0.135 χ^2/NDF : 0.4/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.027 ± 0.105 χ^2/NDF : 5.6/7

asym_atr1l2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 149.127+/-0.096 χ^2/NDF : 664996.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.535+/-0.116 χ^2/NDF : 938833.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

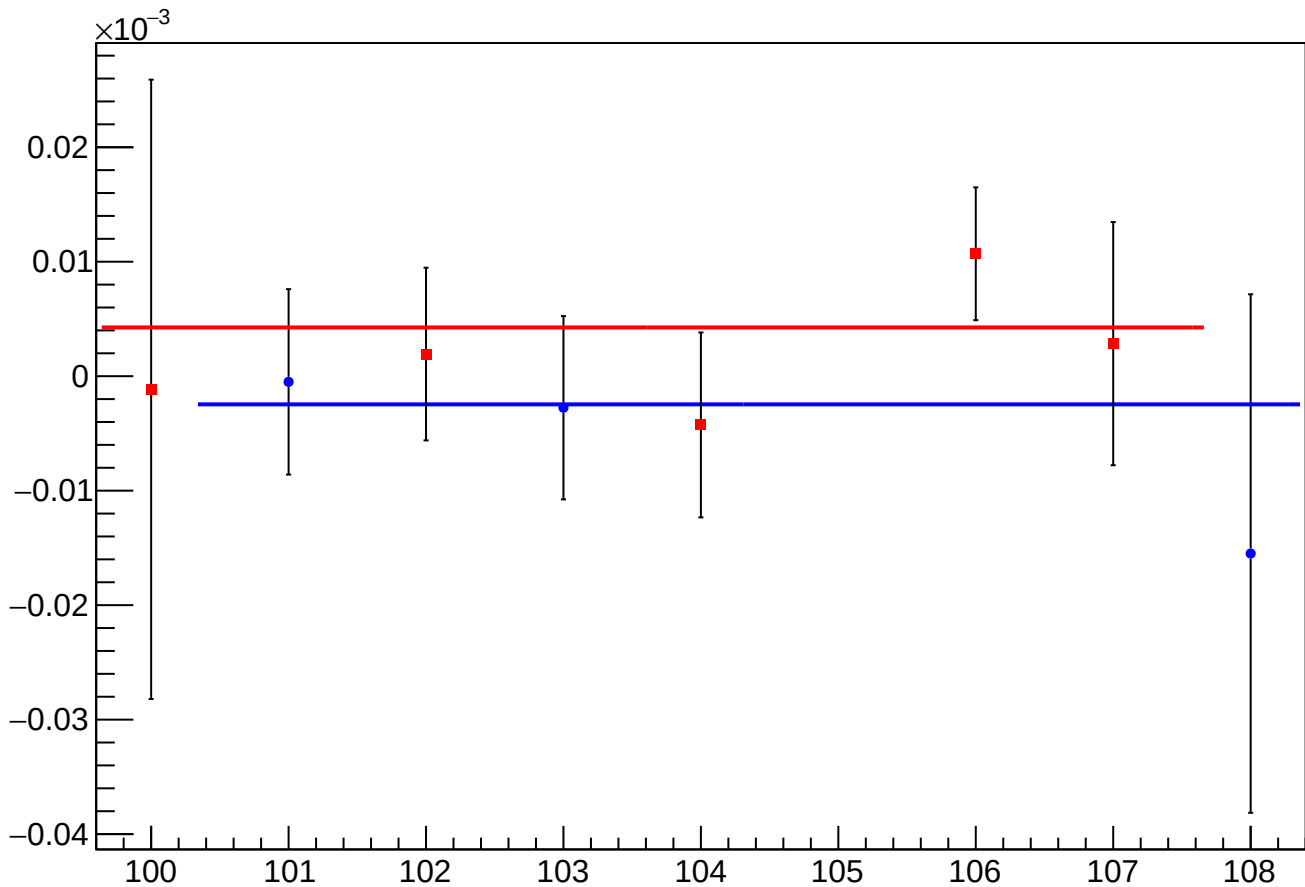
Right: 152.519+/-0.074 χ^2/NDF : 1606937.1/7

In: 149.127+/-0.096 χ^2/NDF : 664996.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.519+/-0.074 χ^2/NDF : 1606937.1/7

asym_atr1l2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

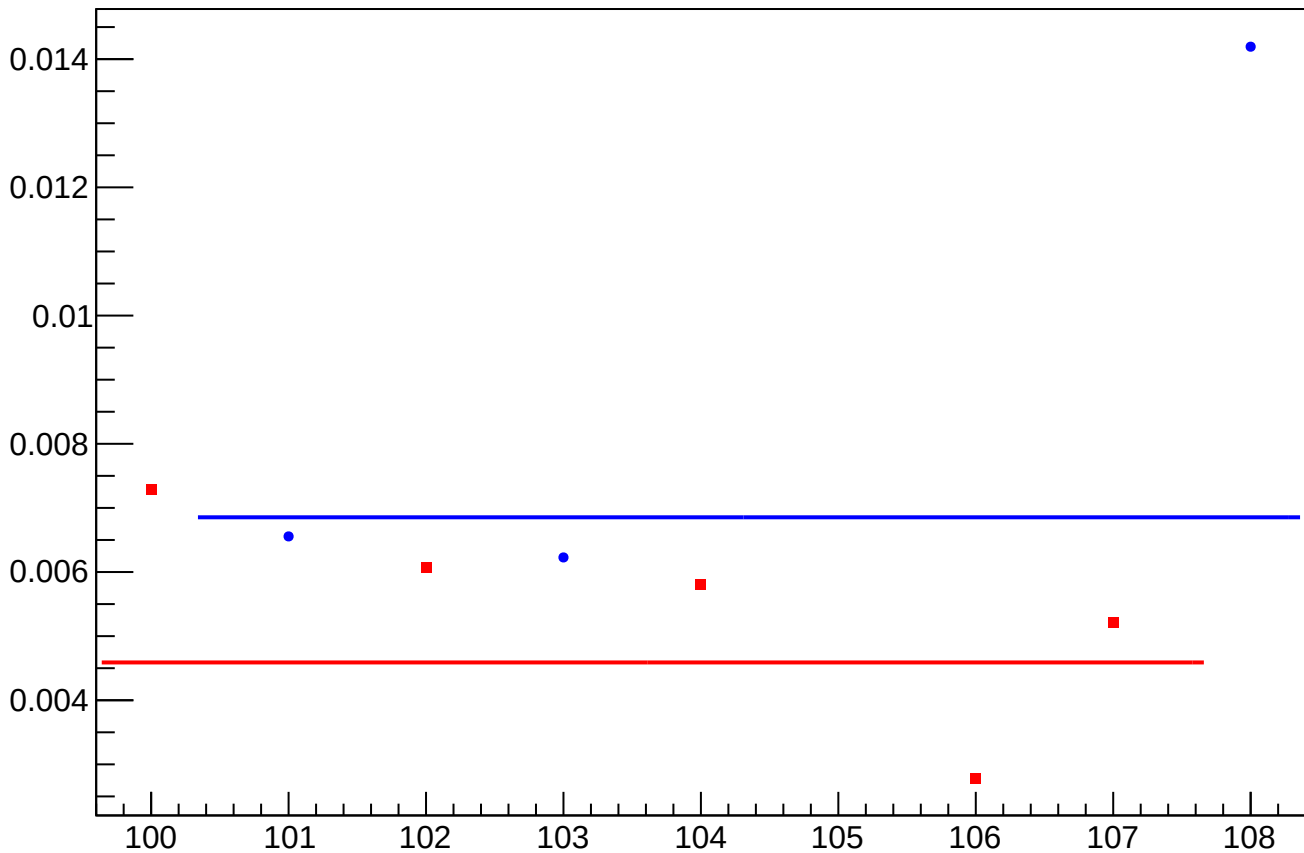
Right: 0.000+/-0.000 χ^2/NDF : 3.9/7

In: -0.000+/-0.000 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.9/7

asym_atr1l2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 225046.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 344157.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

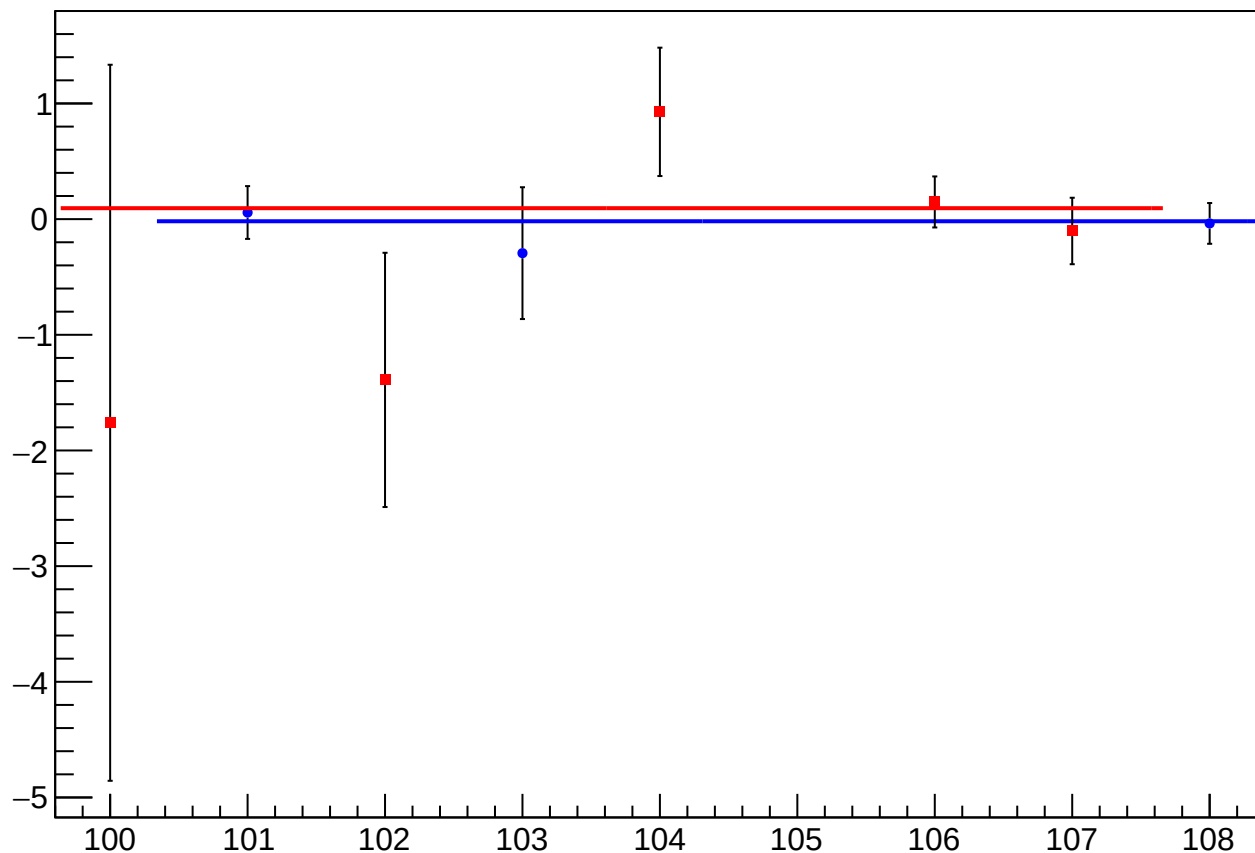
Right: 0.005+/-0.000 χ^2/NDF : 801062.0/7

In: 0.007+/-0.000 χ^2/NDF : 225046.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 801062.0/7

asym_atr1l2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018 ± 0.135 χ^2/NDF : 0.4/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.095 ± 0.165 χ^2/NDF : 5.0/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

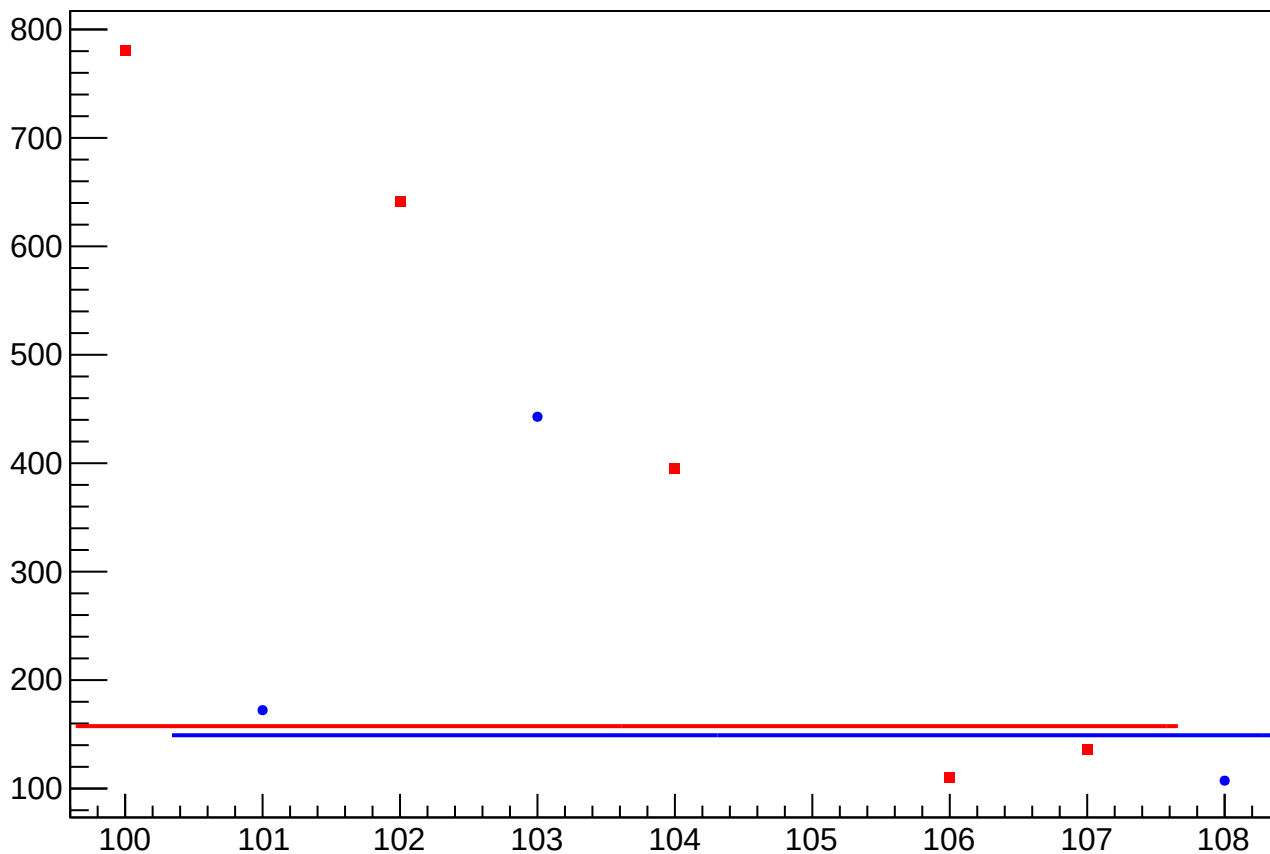
Right: 0.027 ± 0.105 χ^2/NDF : 5.6/7

In: -0.018 ± 0.135 χ^2/NDF : 0.4/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.027 ± 0.105 χ^2/NDF : 5.6/7

asym_atr1l2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 149.135+/-0.096 χ^2/NDF : 664925.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.535+/-0.116 χ^2/NDF : 938831.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

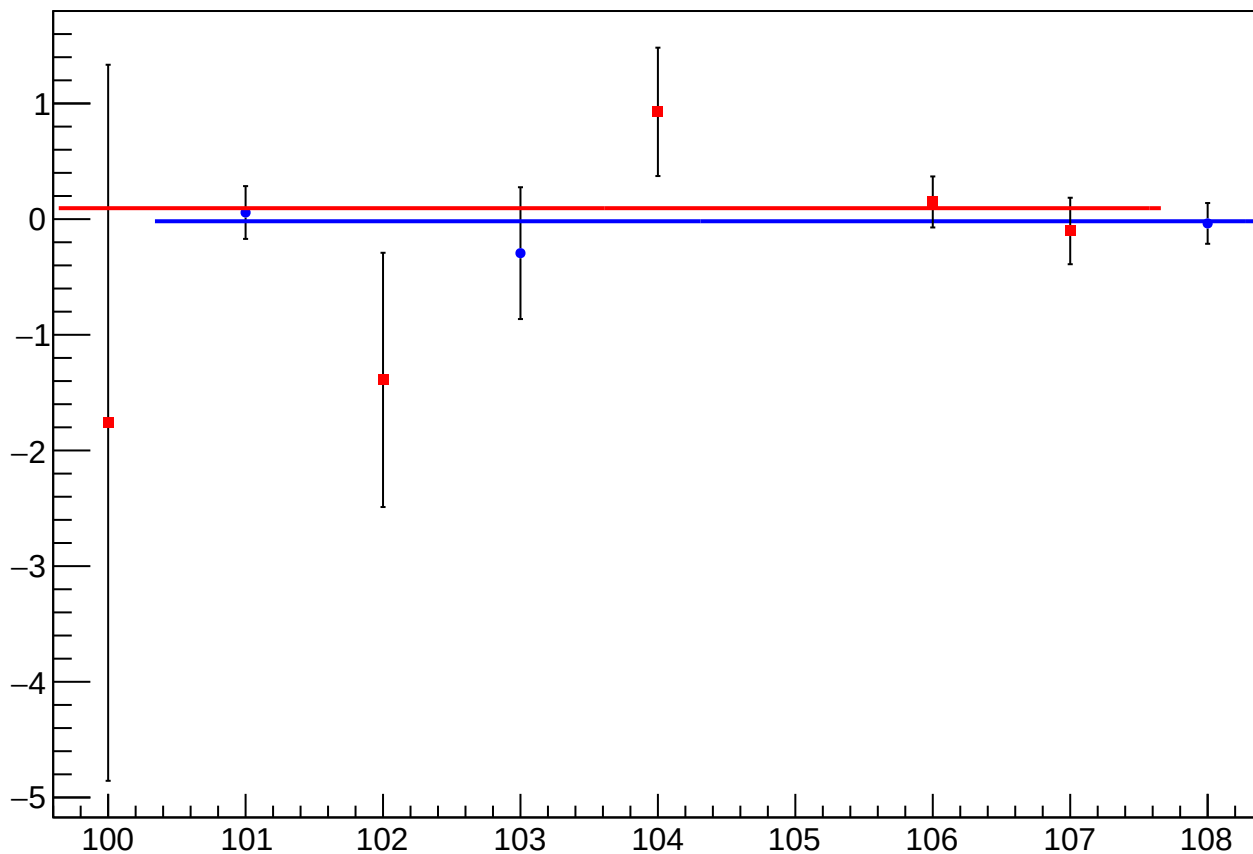
Right: 152.524+/-0.074 χ^2/NDF : 1606858.6/7

In: 149.135+/-0.096 χ^2/NDF : 664925.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.524+/-0.074 χ^2/NDF : 1606858.6/7

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018 ± 0.135 χ^2/NDF : 0.4/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.095 ± 0.165 χ^2/NDF : 5.0/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

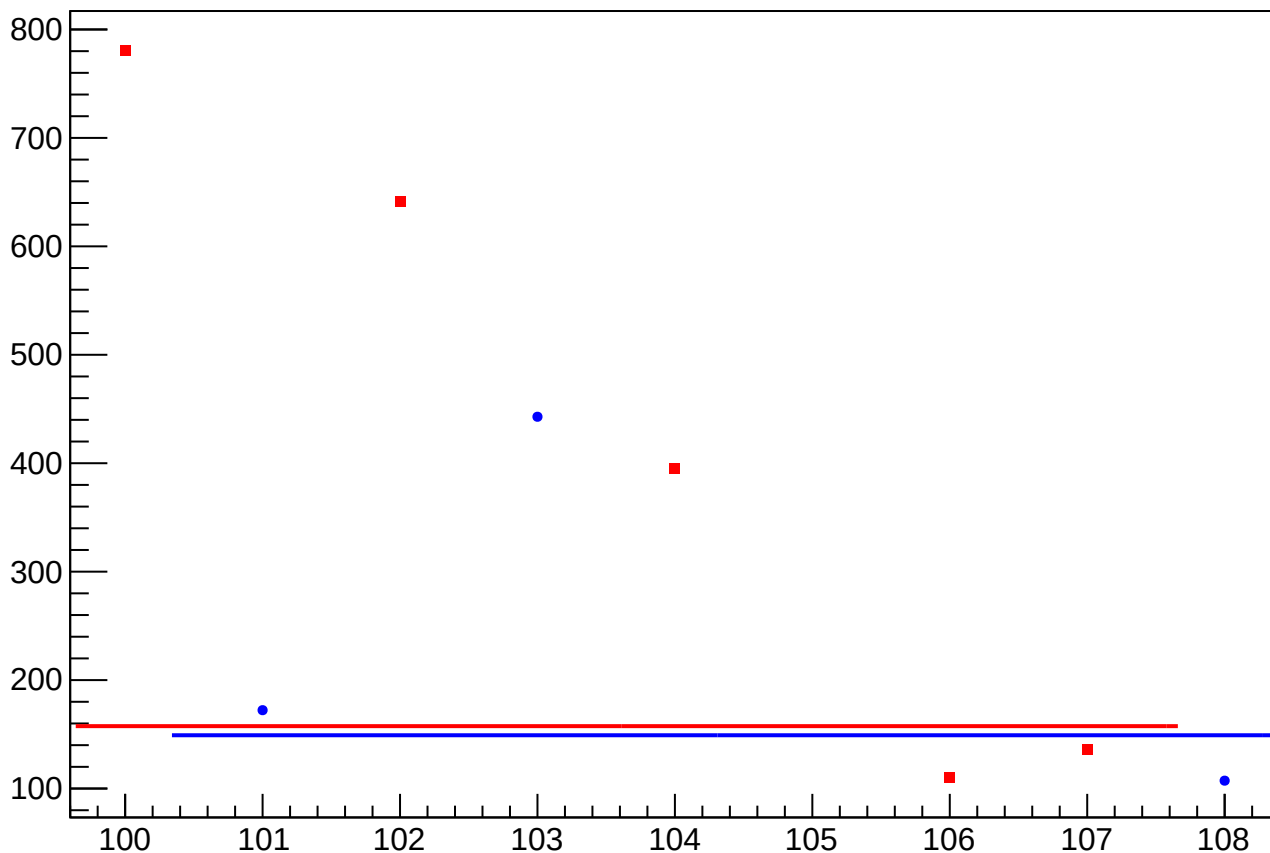
Right: 0.027 ± 0.105 χ^2/NDF : 5.6/7

In: -0.018 ± 0.135 χ^2/NDF : 0.4/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.027 ± 0.105 χ^2/NDF : 5.6/7

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 149.135+/-0.096 χ^2/NDF : 664925.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.535+/-0.116 χ^2/NDF : 938831.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

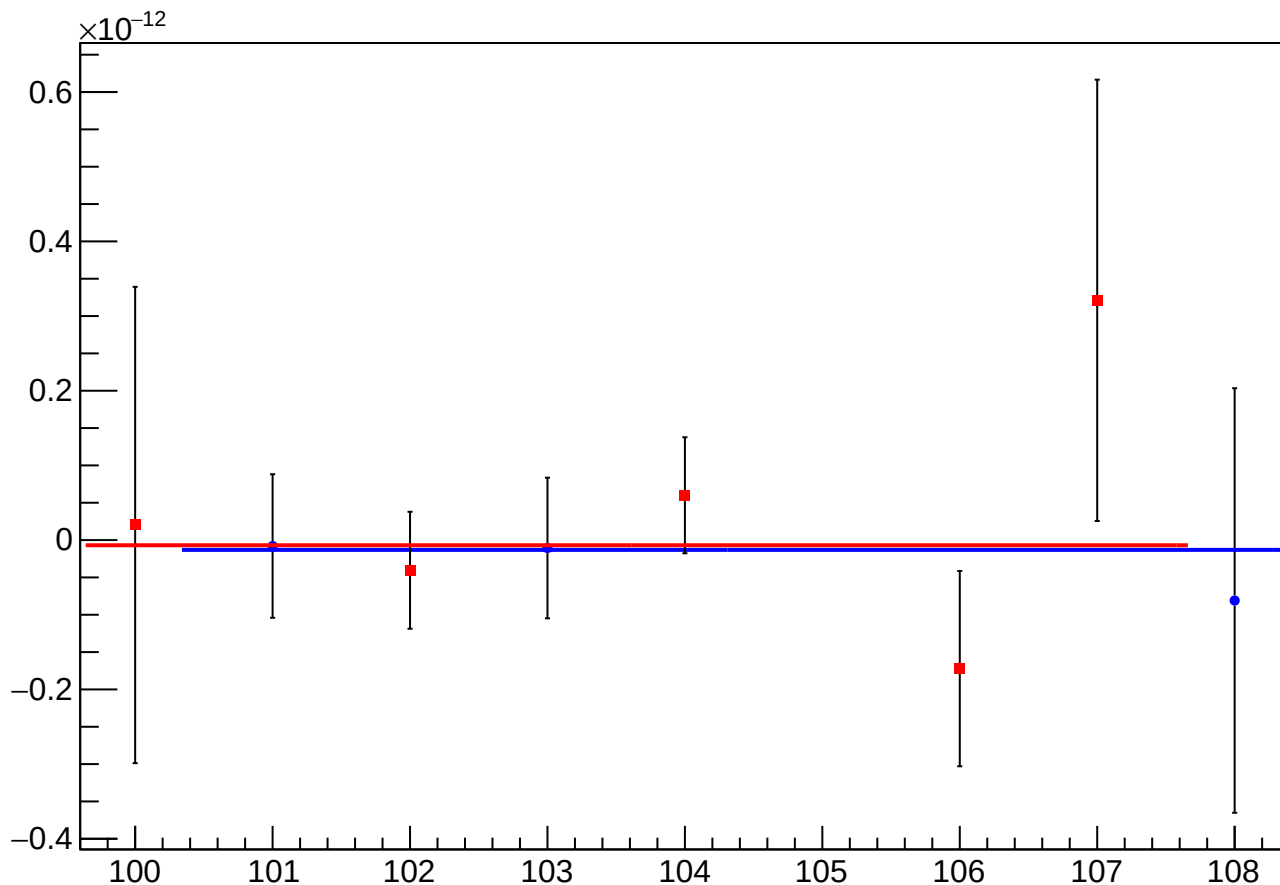
Right: 152.524+/-0.074 χ^2/NDF : 1606858.6/7

In: 149.135+/-0.096 χ^2/NDF : 664925.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.524+/-0.074 χ^2/NDF : 1606858.6/7

asym_atr1l2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

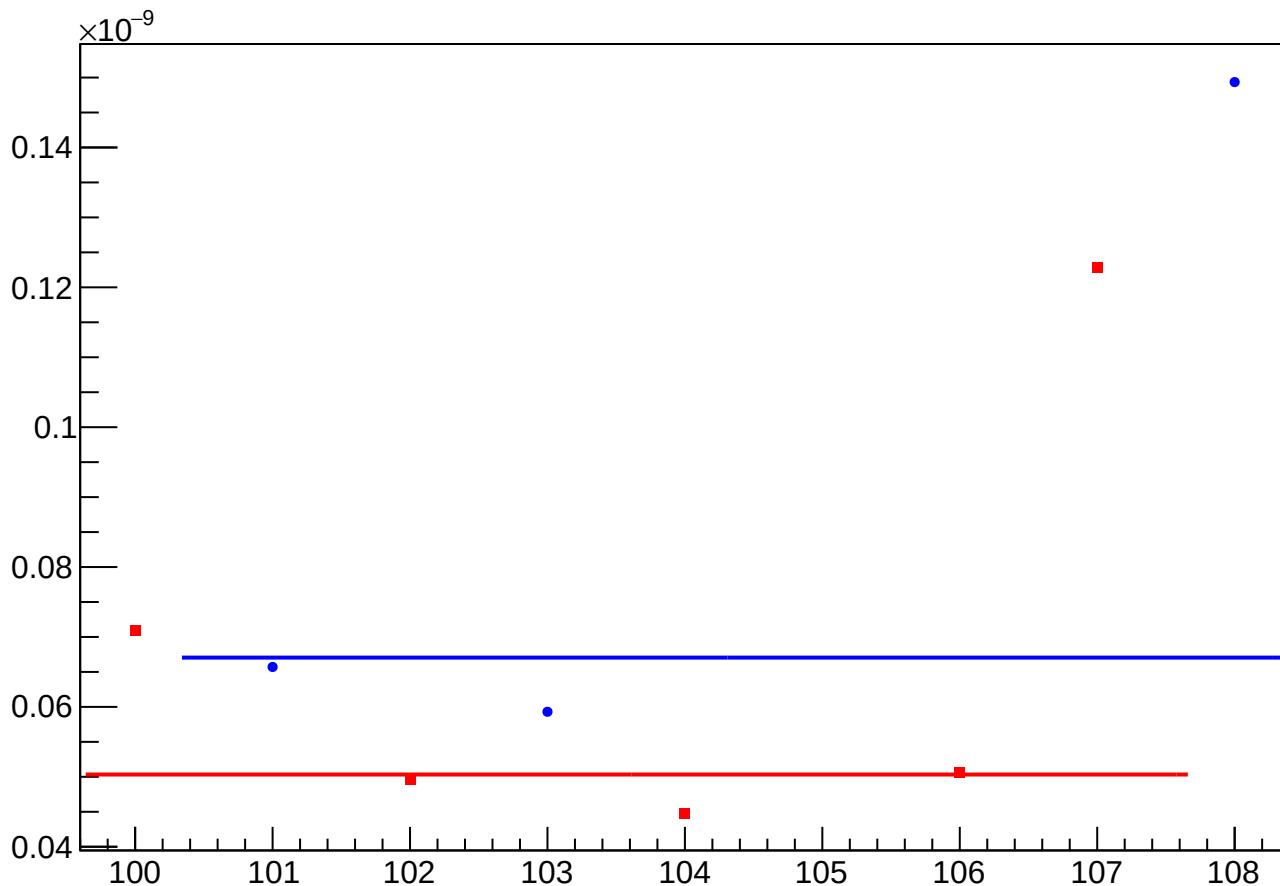
Right: -0.000+/-0.000 χ^2/NDF : 3.8/7

In: -0.000+/-0.000 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.8/7

asym_atr1l2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 181557.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 139003.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

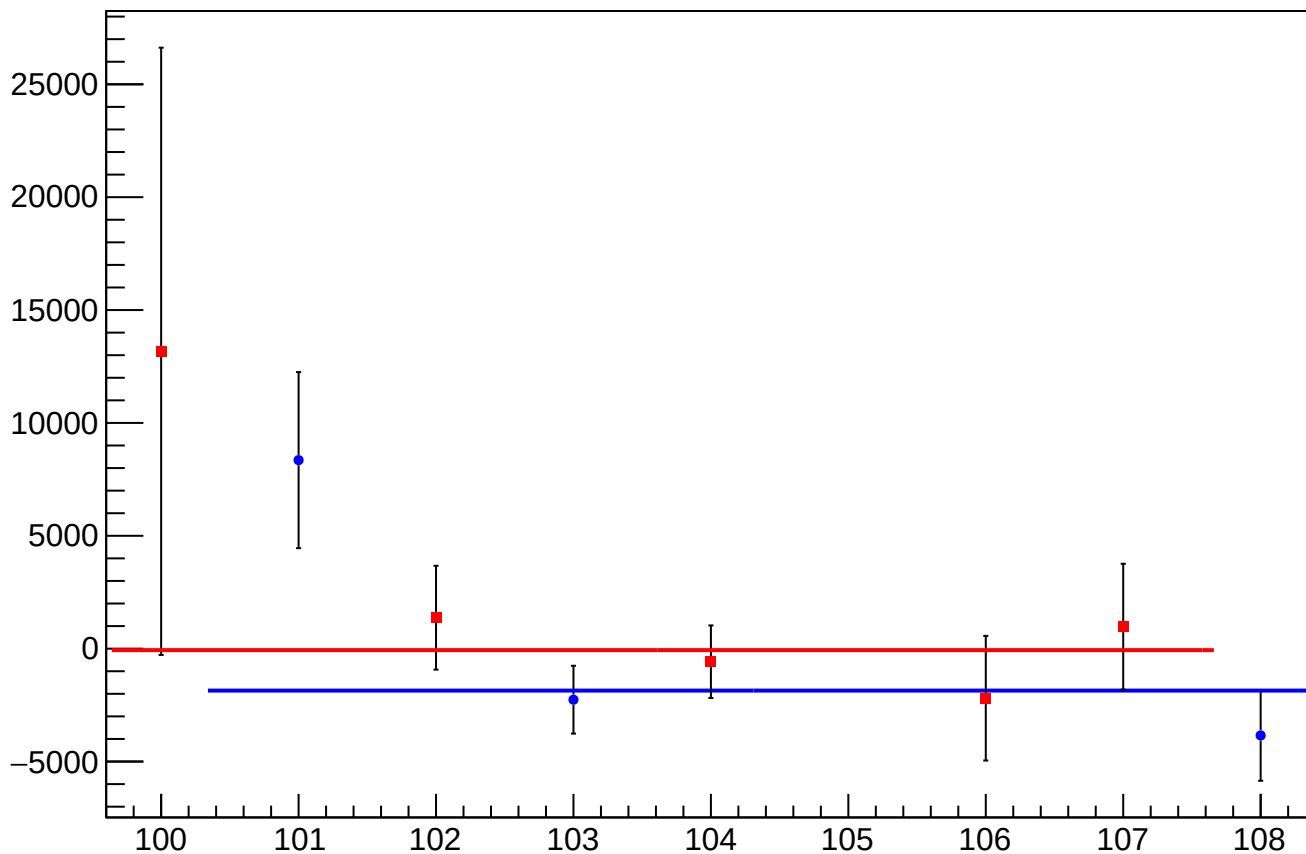
Right: 0.000+/-0.000 χ^2/NDF : 403631.0/7

In: 0.000+/-0.000 χ^2/NDF : 181557.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 403631.0/7

reg_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1857.127+/-1149.498 χ^2/NDF : 7.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -64.683+/-1089.939 χ^2/NDF : 2.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

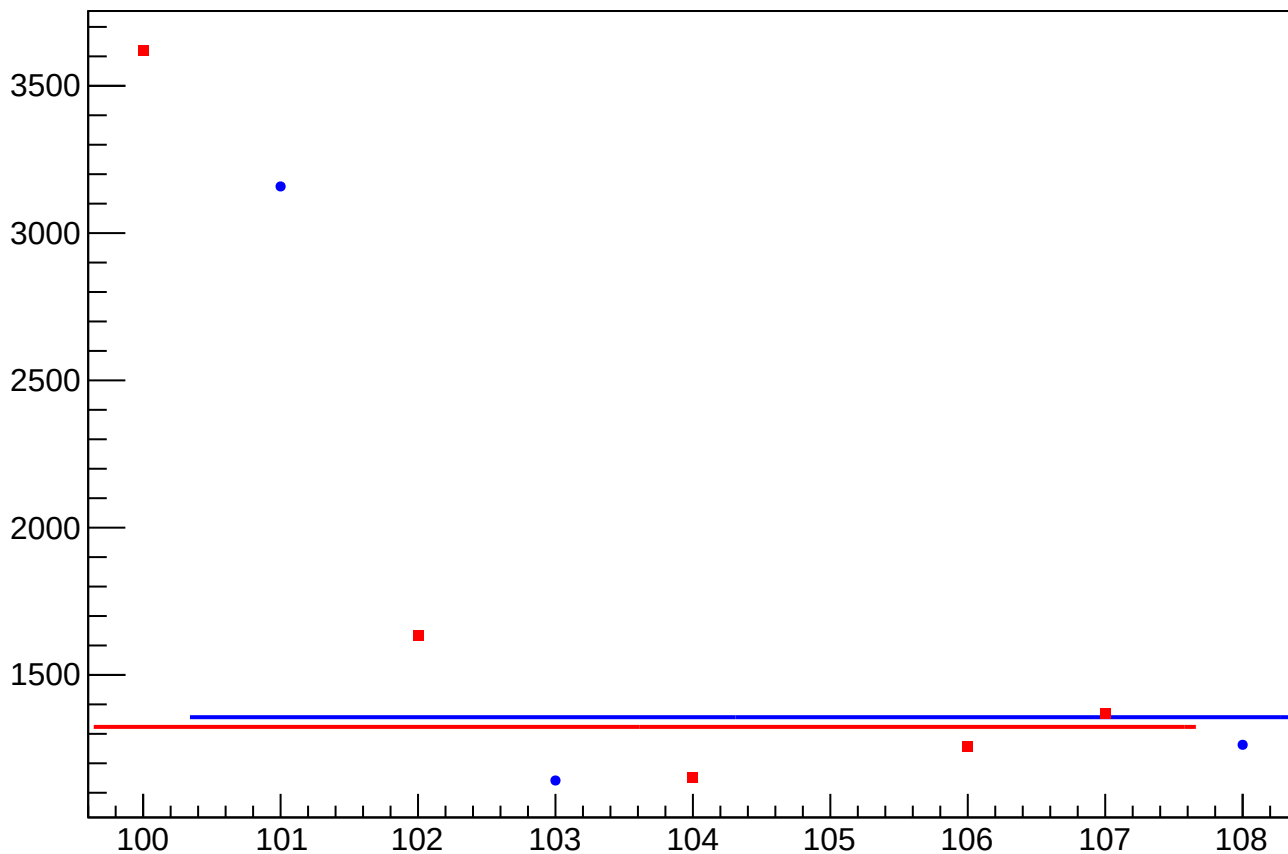
Right: -913.268+/-790.921 χ^2/NDF : 11.4/7

In: -1857.127+/-1149.498 χ^2/NDF : 7.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -913.268+/-790.921 χ^2/NDF : 11.4/7

reg_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1356.507+/-0.813 χ^2/NDF : 472191.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1323.578+/-0.761 χ^2/NDF : 119760.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

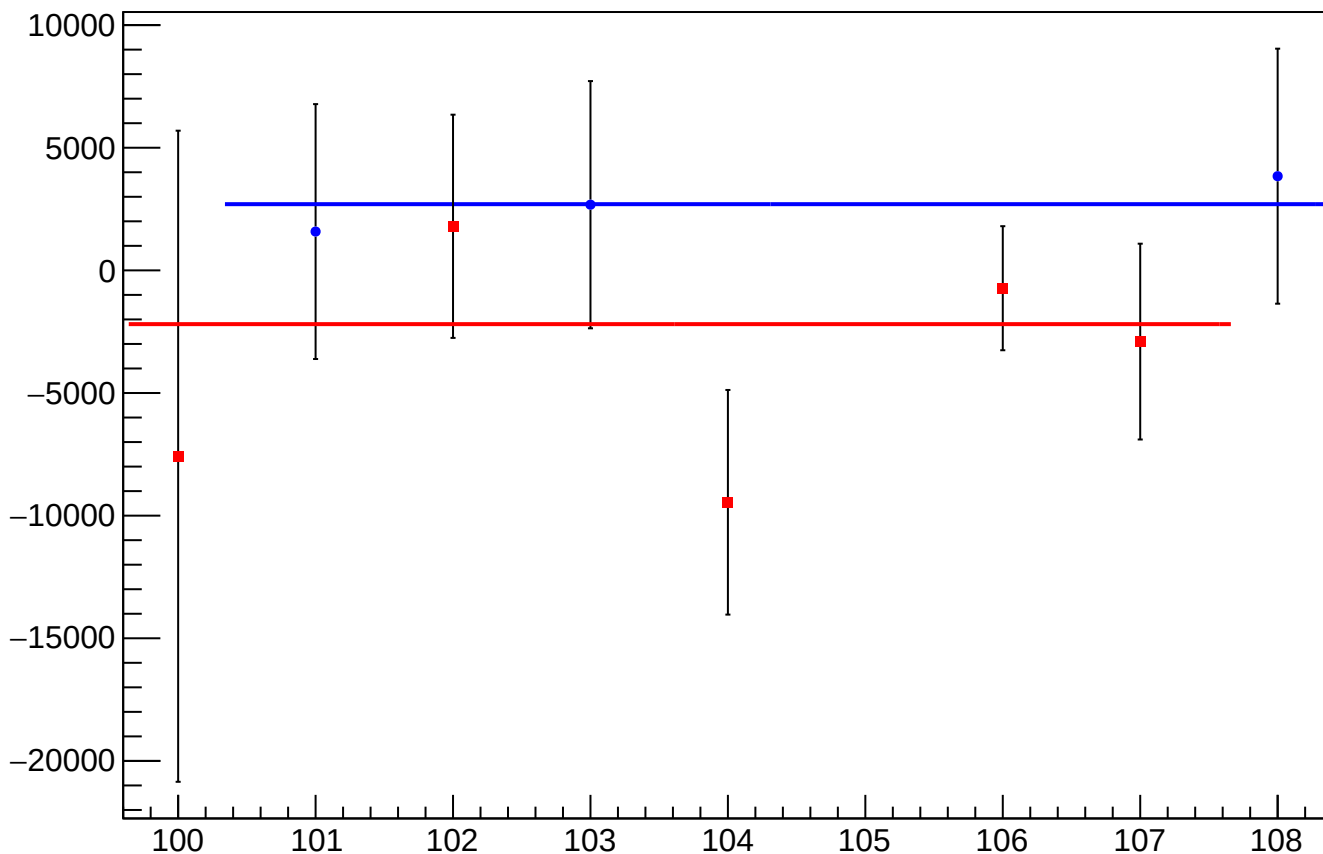
Right: 1338.955+/-0.555 χ^2/NDF : 592826.5/7

In: 1356.507+/-0.813 χ^2/NDF : 472191.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1338.955+/-0.555 χ^2/NDF : 592826.5/7

asym_atl_dd_atr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 2699.044+/-2969.420 χ^2 /NDF: 0.1/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2191.980+/-1765.575 χ^2 /NDF: 3.8/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

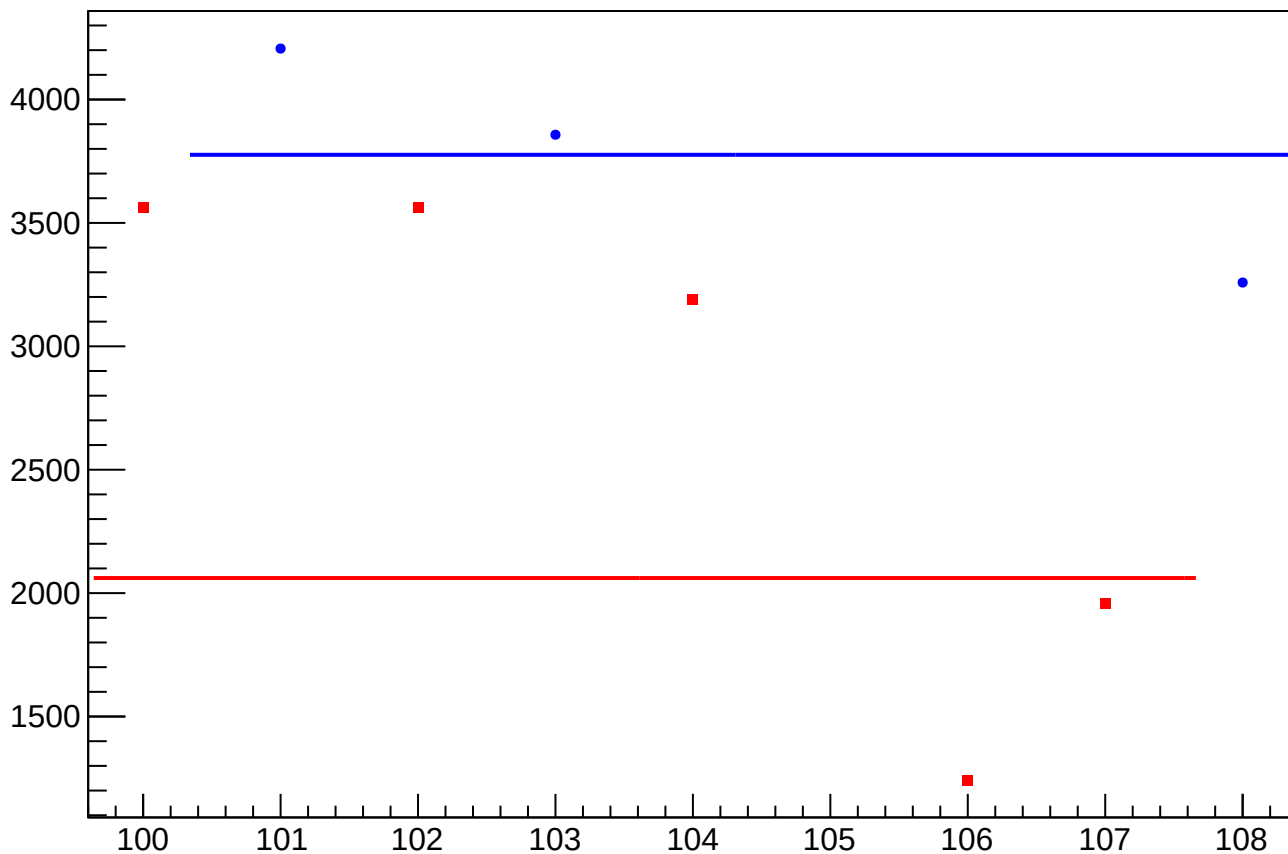
Right: -914.482+/-1517.581 χ^2 /NDF: 5.9/7

In: 2699.044+/-2969.420 χ^2 /NDF:0.1/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -914.482+/-1517.581 χ^2 /NDF: 5.9/7

asym_atl_dd_atr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3775.958+/-2.100 χ^2/NDF : 34064.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2061.173+/-1.248 χ^2/NDF : 576043.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

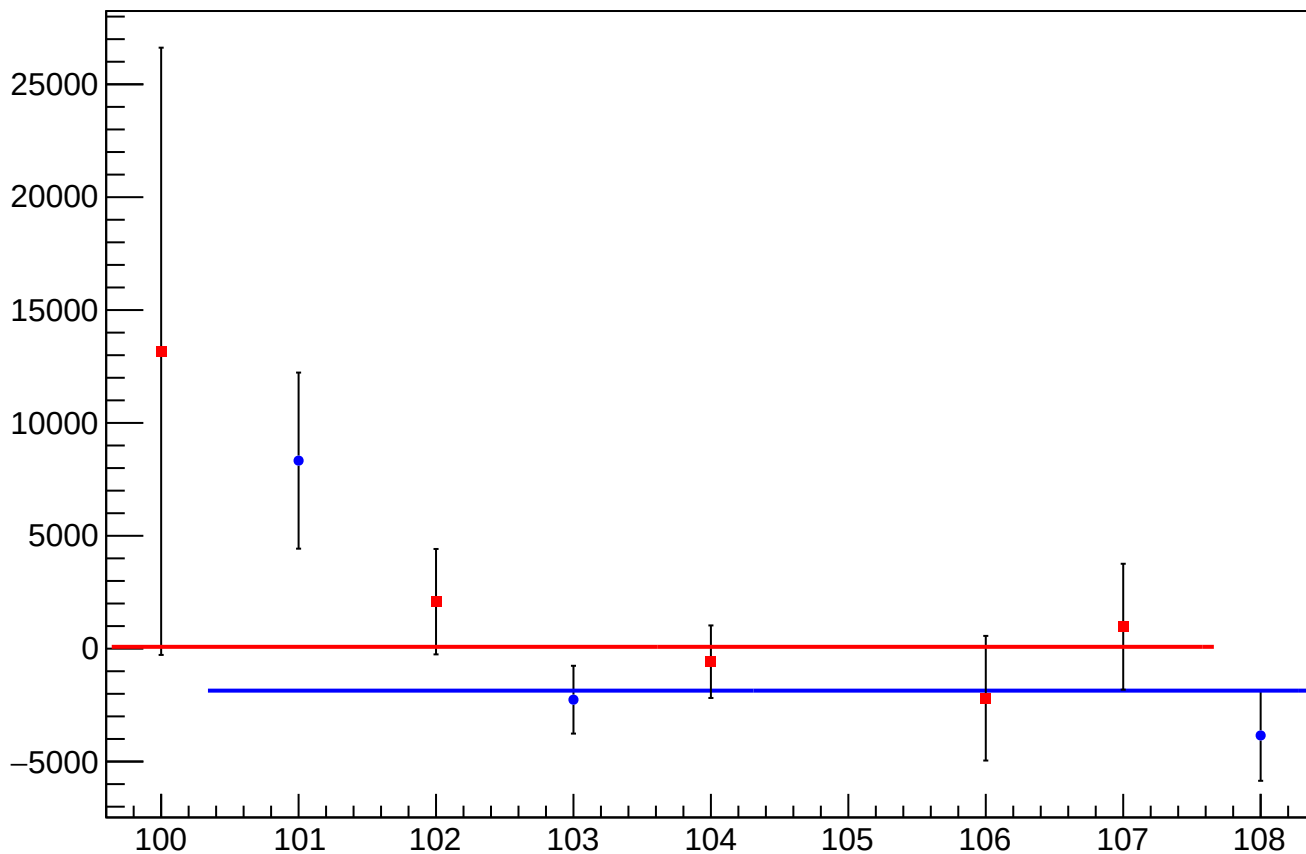
Right: 2509.061+/-1.073 χ^2/NDF : 1102870.0/7

In: 3775.958+/-2.100 χ^2/NDF : 34064.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2509.061+/-1.073 χ^2/NDF : 1102870.0/7

cor_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1858.998 $\pm$ 1149.499 χ^2 /NDF: 7.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 81.361 $\pm$ 1093.565 χ^2 /NDF: 2.6/4

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

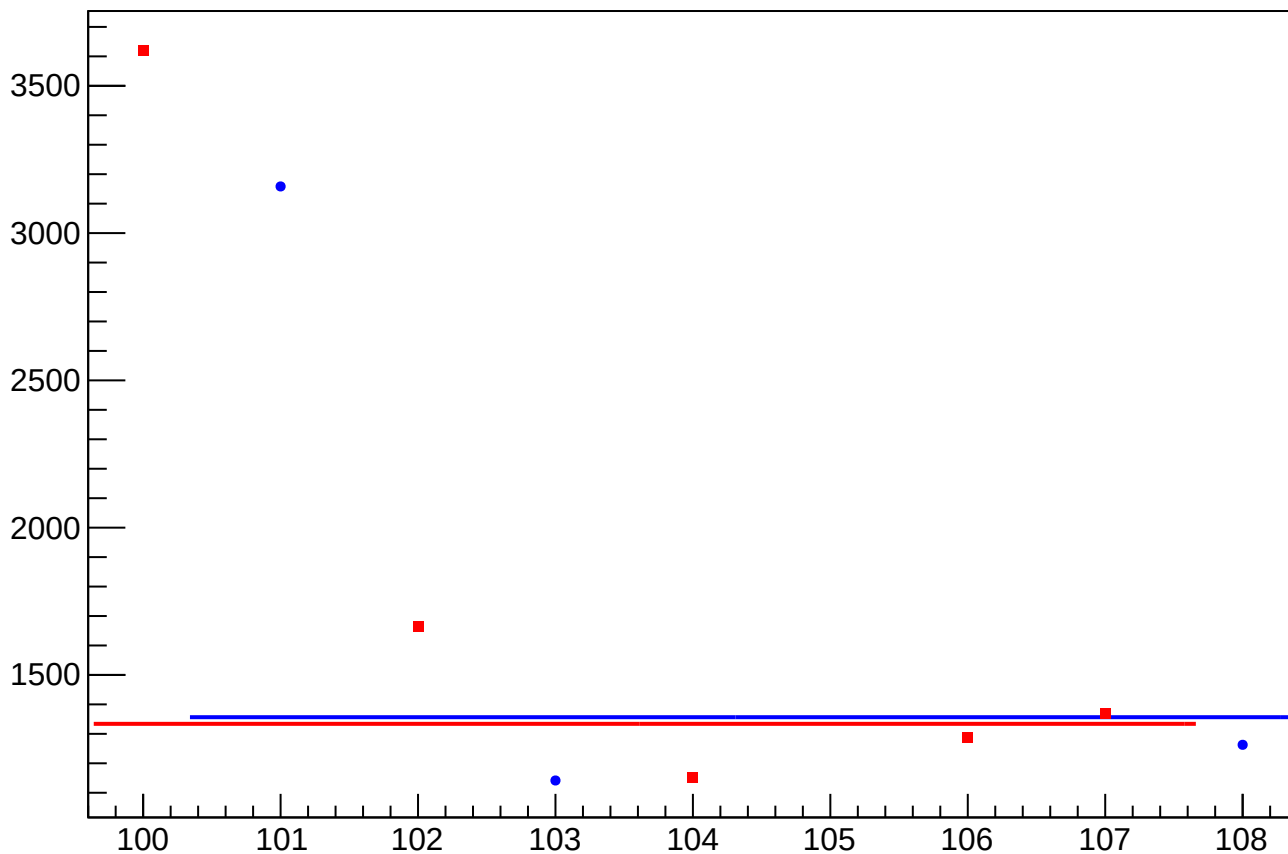
Right: -840.463 $\pm$ 792.304 χ^2 /NDF: 12.0/7

In: -1858.998 $\pm$ 1149.499 χ^2 /NDF:7.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -840.463 $\pm$ 792.304 χ^2 /NDF: 12.0/7

cor_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1356.506 $\pm$ 0.813 χ^2 /NDF: 472193.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1333.965 $\pm$ 0.766 χ^2 /NDF: 125276.6/4

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

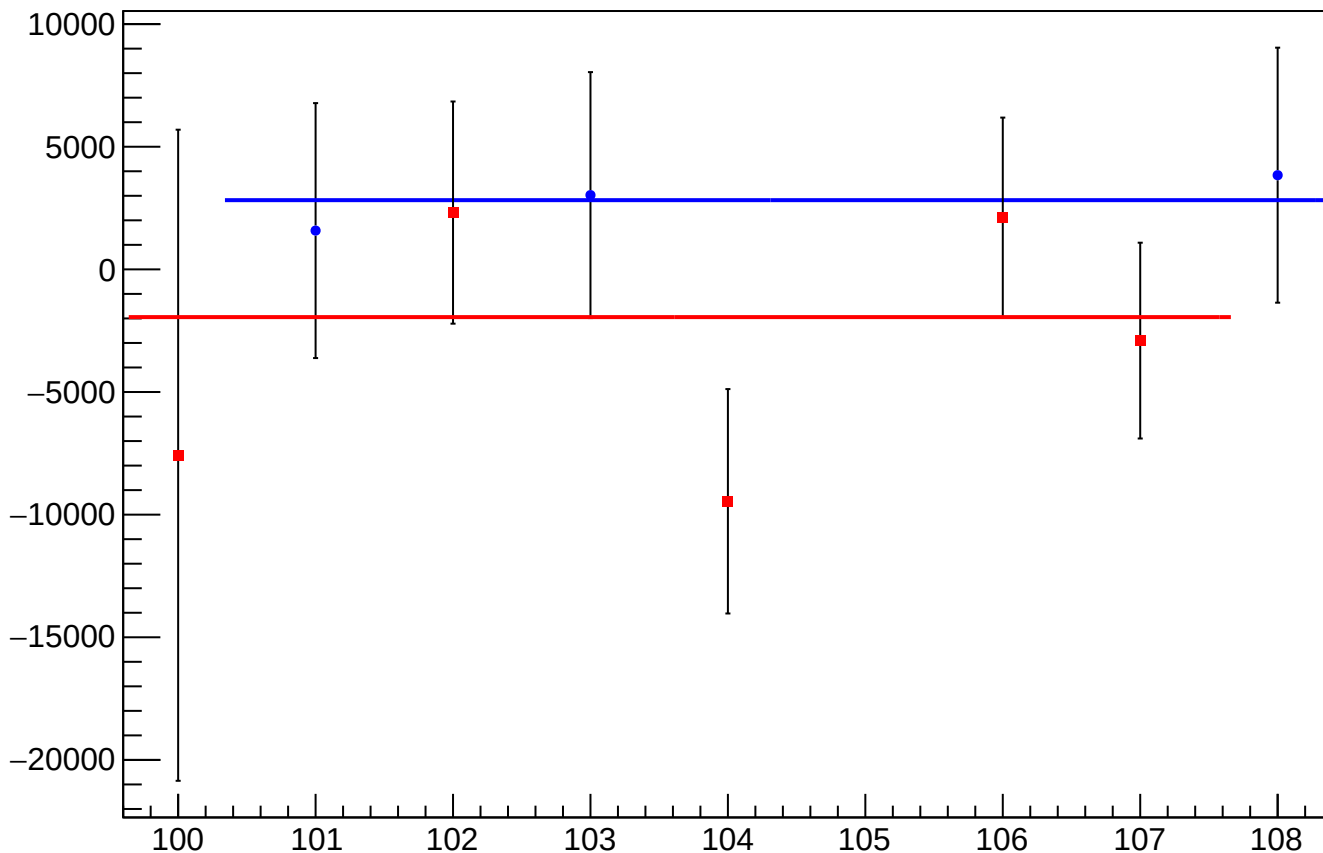
Right: 1344.570 $\pm$ 0.558 χ^2 /NDF: 597877.0/7

In: 1356.506 $\pm$ 0.813 χ^2 /NDF: 472193.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1344.570 $\pm$ 0.558 χ^2 /NDF: 597877.0/7

asym_atl_dd_atr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 2821.754+/-2964.328 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1946.020+/-2108.252 χ^2/NDF : 4.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

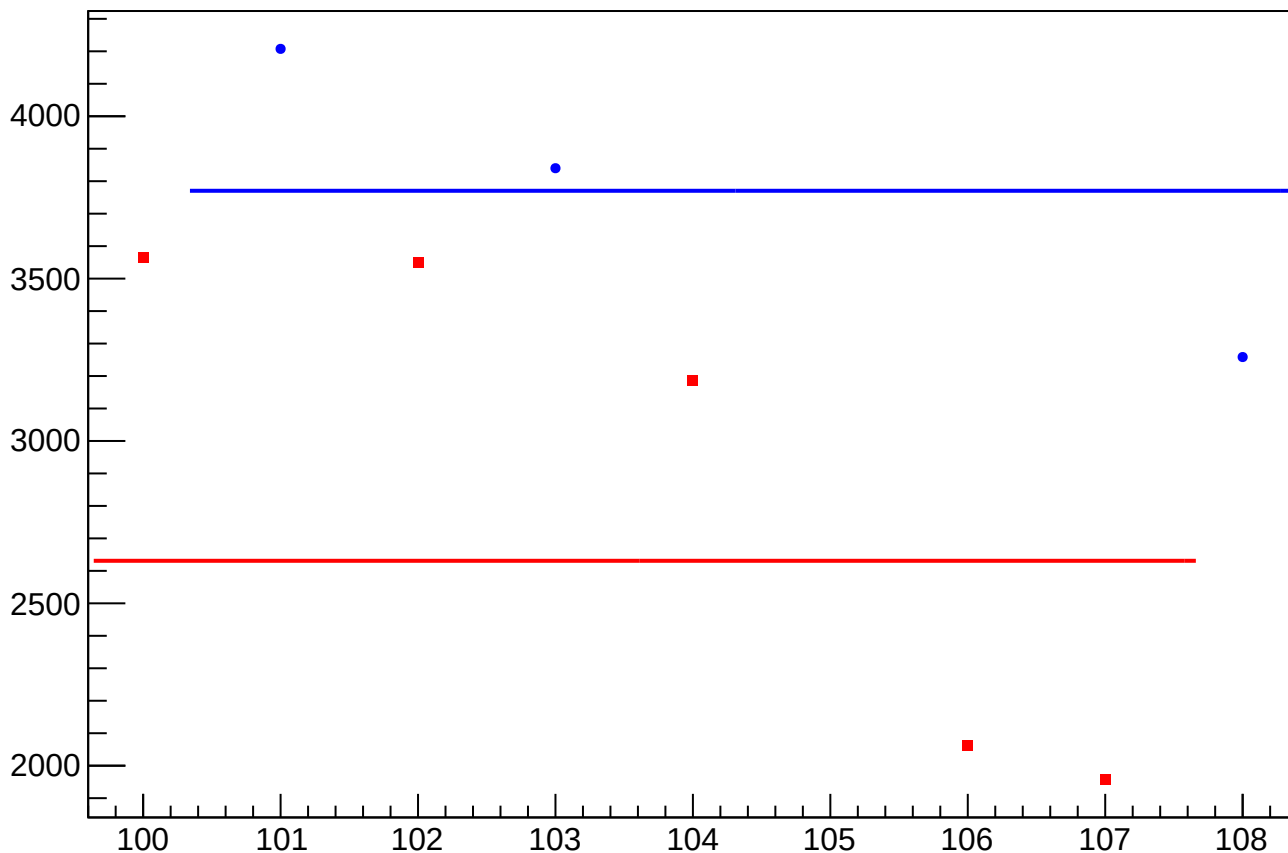
Right: -344.486+/-1718.053 χ^2/NDF : 6.6/7

In: 2821.754+/-2964.328 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -344.486+/-1718.053 χ^2/NDF : 6.6/7

asym_atl_dd_atr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3770.488+/-2.096 χ^2/NDF : 33927.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2631.006+/-1.491 χ^2/NDF : 217676.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

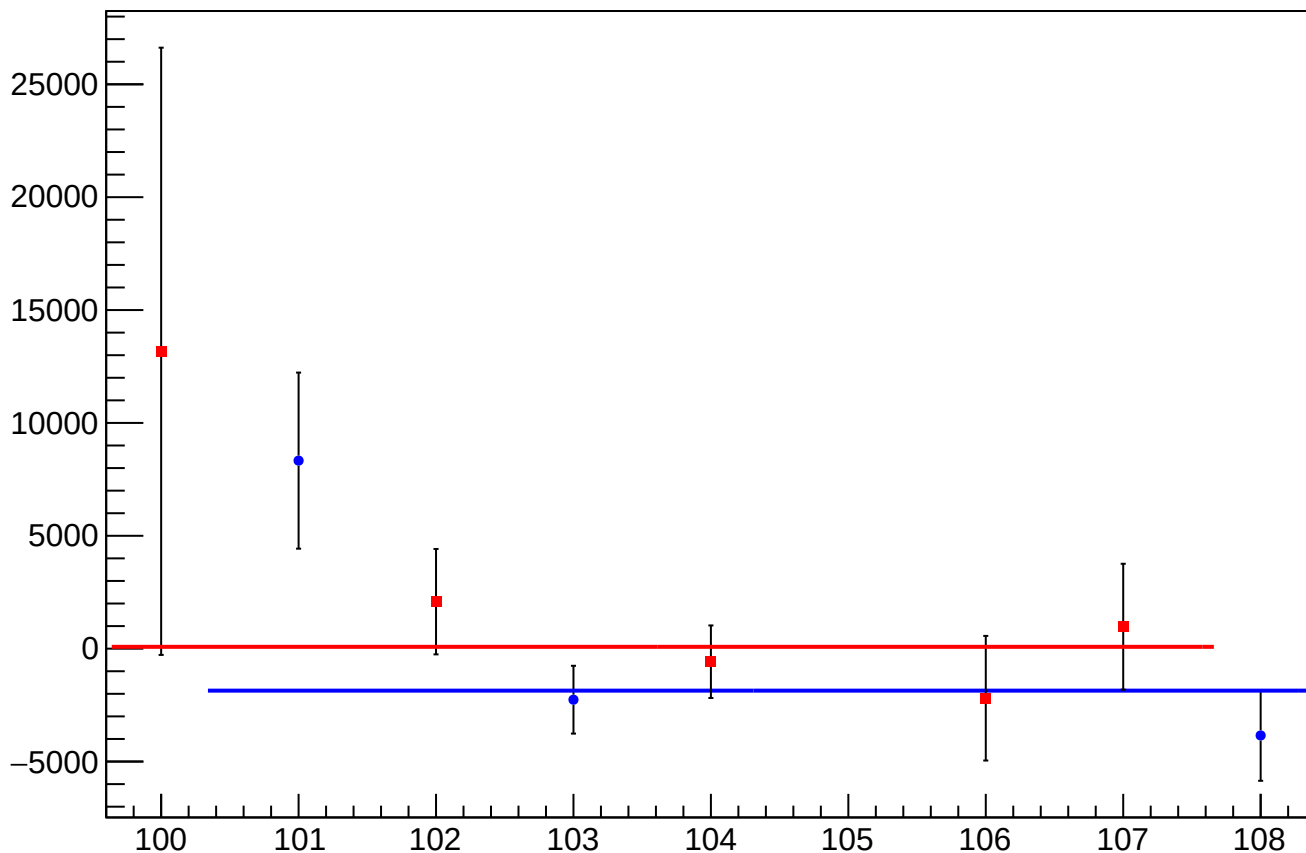
Right: 3013.767+/-1.215 χ^2/NDF : 447858.6/7

In: 3770.488+/-2.096 χ^2/NDF : 33927.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3013.767+/-1.215 χ^2/NDF : 447858.6/7

eigen_cor_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1858.998 $\pm$ 1149.499 χ^2 /NDF: 7.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 81.361 $\pm$ 1093.565 χ^2 /NDF: 2.6/4

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

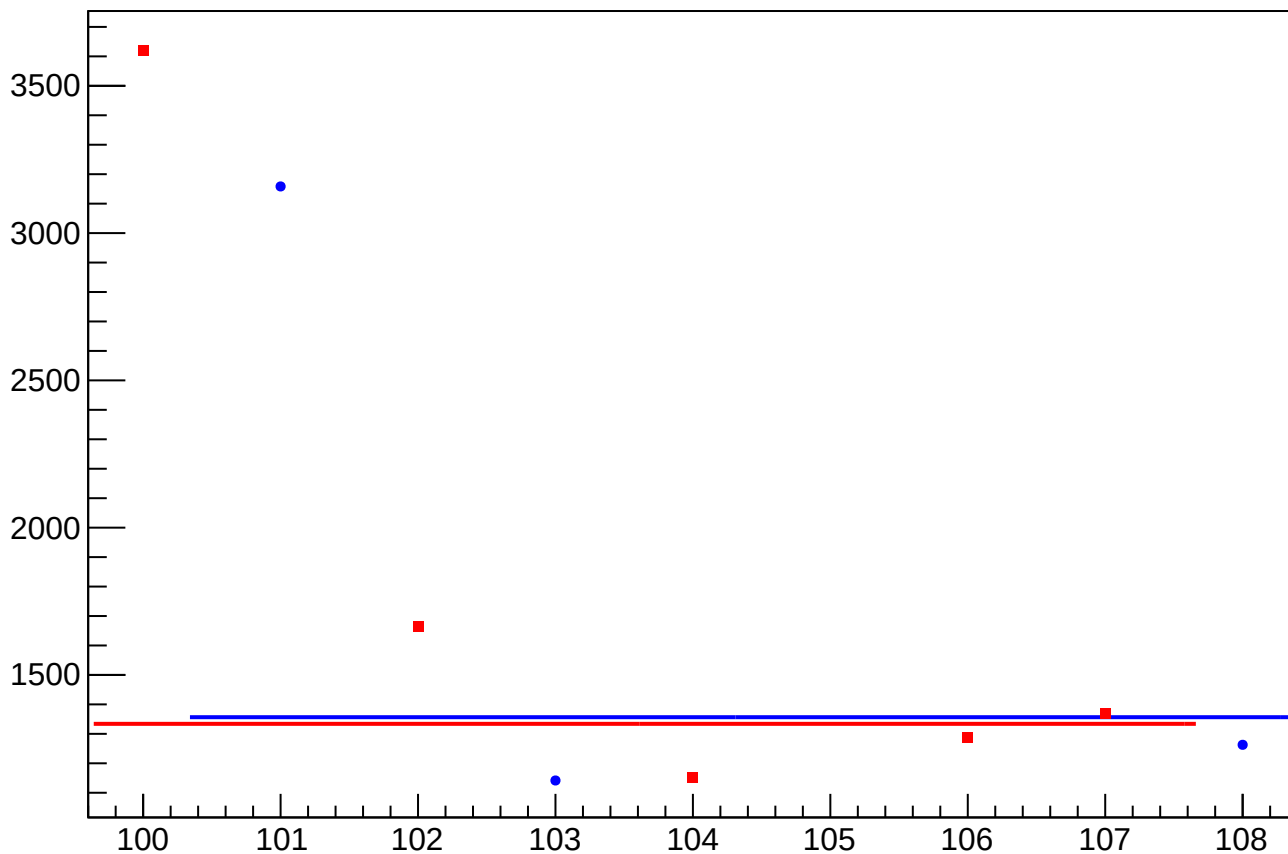
Right: -840.463 $\pm$ 792.304 χ^2 /NDF: 12.0/7

In: -1858.998 $\pm$ 1149.499 χ^2 /NDF: 7.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -840.463 $\pm$ 792.304 χ^2 /NDF: 12.0/7

eigen_cor_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1356.506 $\pm$ 0.813 χ^2 /NDF: 472193.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1333.965 $\pm$ 0.766 χ^2 /NDF: 125276.6/4

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

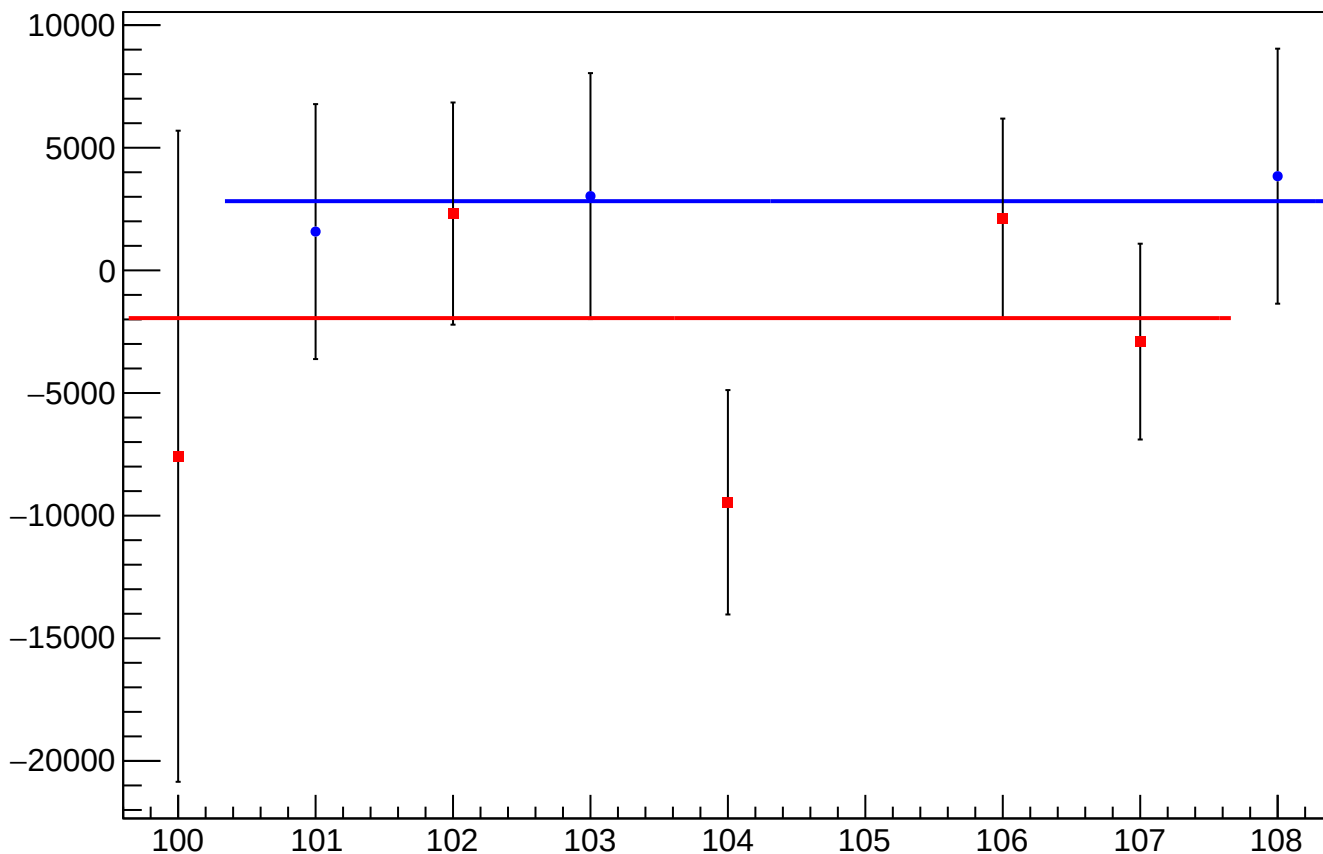
Right: 1344.570 $\pm$ 0.558 χ^2 /NDF: 597877.0/7

In: 1356.506 $\pm$ 0.813 χ^2 /NDF: 472193.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1344.570 $\pm$ 0.558 χ^2 /NDF: 597877.0/7

asym_atl_dd_atr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2821.754+/-2964.328 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1946.020+/-2108.252 χ^2/NDF : 4.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

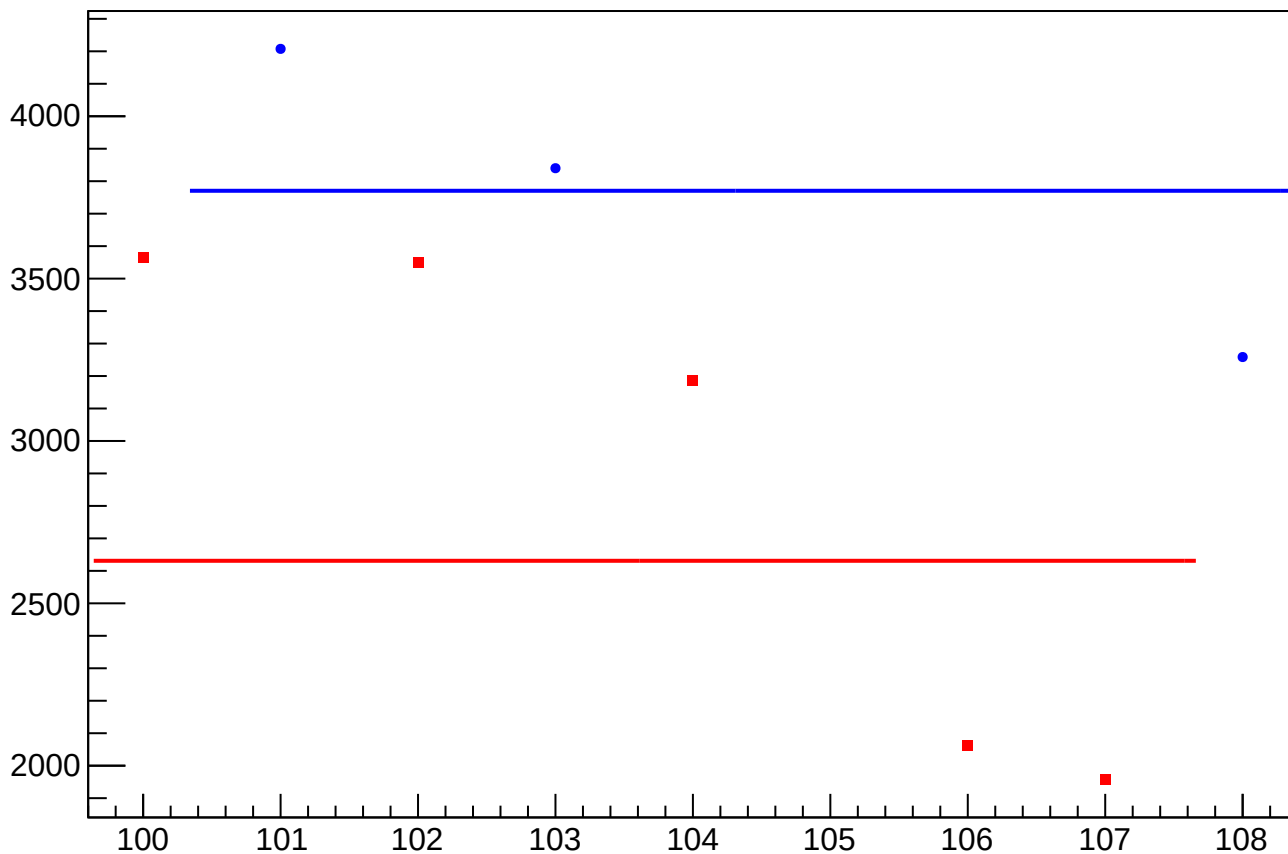
Right: -344.486+/-1718.053 χ^2/NDF : 6.6/7

In: 2821.754+/-2964.328 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -344.486+/-1718.053 χ^2/NDF : 6.6/7

asym_atl_dd_atr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3770.488+/-2.096 χ^2/NDF : 33927.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2631.006+/-1.491 χ^2/NDF : 217676.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

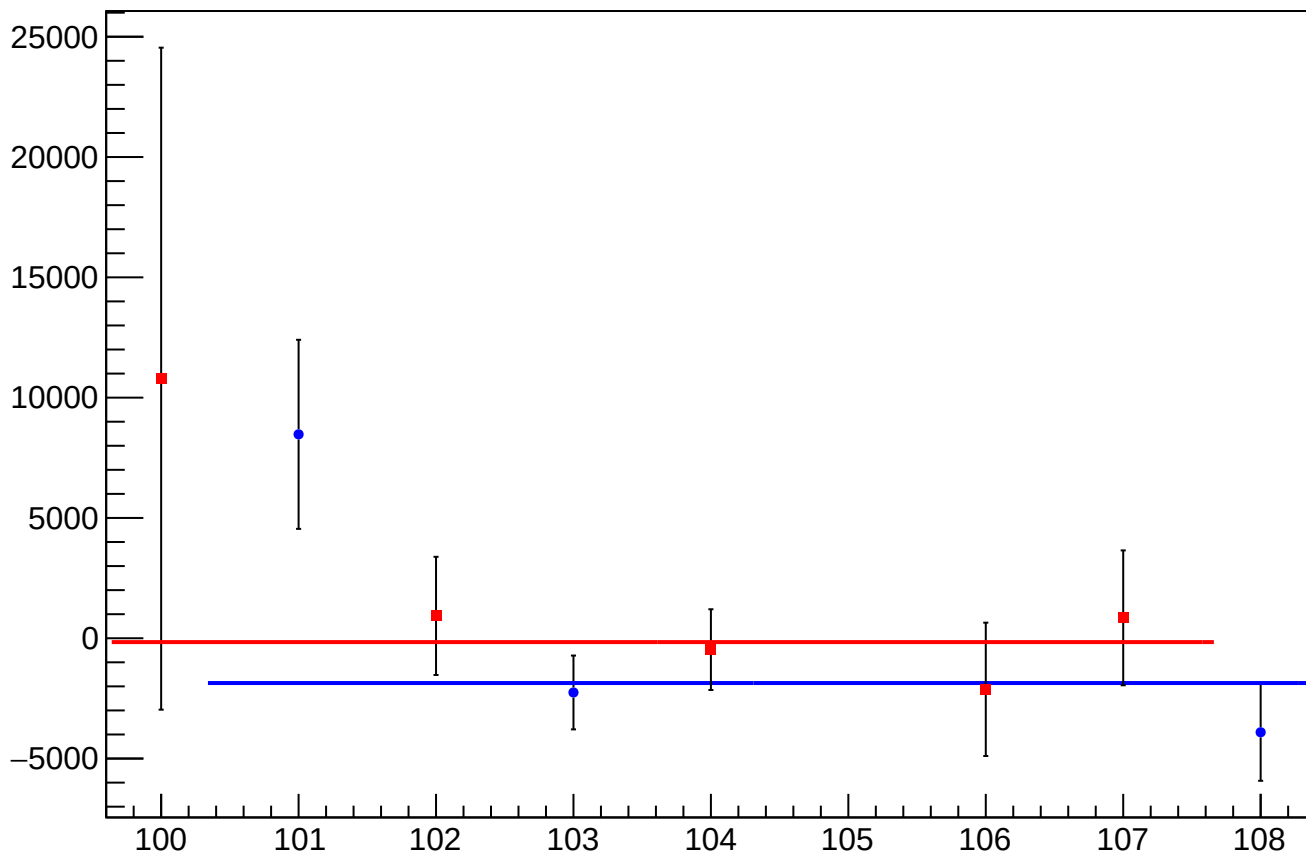
Right: 3013.767+/-1.215 χ^2/NDF : 447858.6/7

In: 3770.488+/-2.096 χ^2/NDF : 33927.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3013.767+/-1.215 χ^2/NDF : 447858.6/7

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1861.202 $\pm$ 1166.136 χ^2 /NDF: 8.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -159.727 $\pm$ 1129.286 χ^2 /NDF: 1.5/4

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

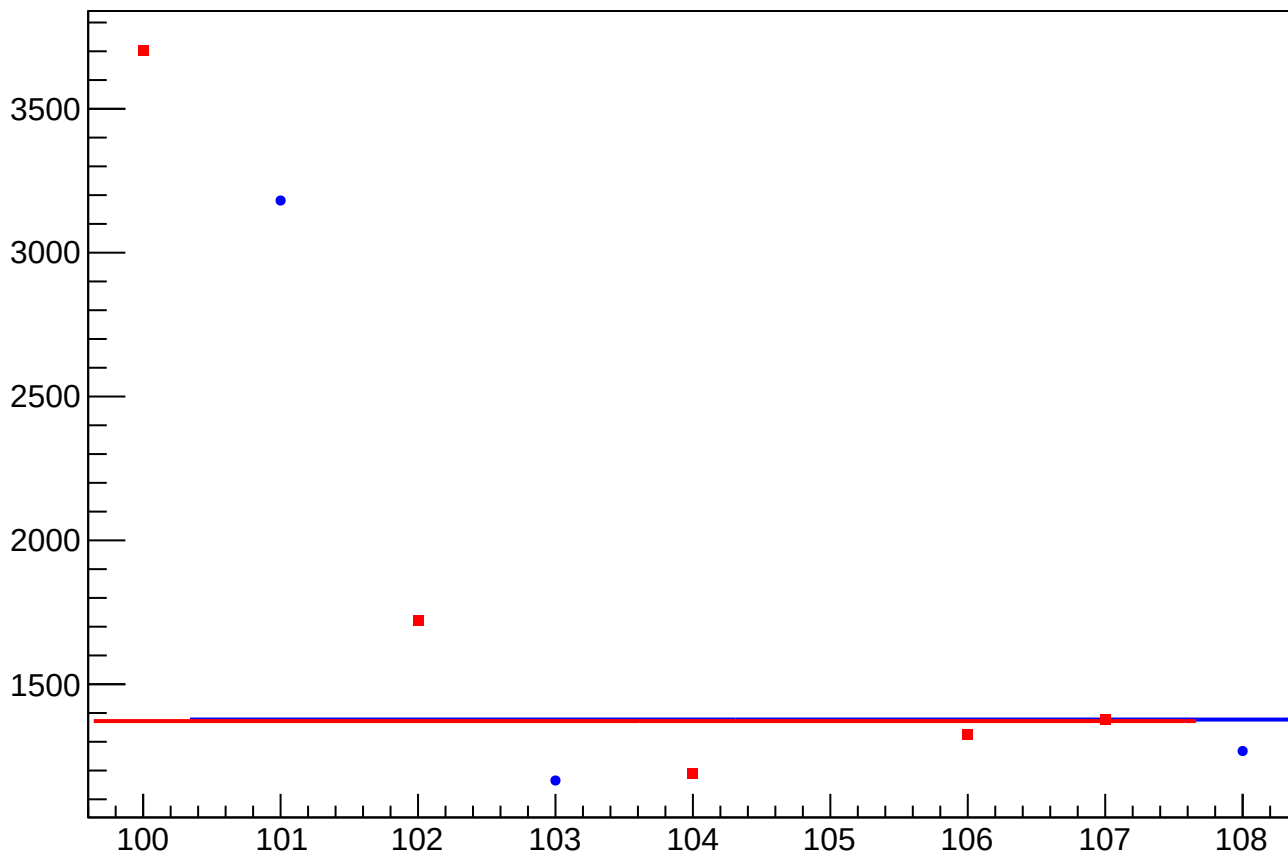
Right: -983.157 $\pm$ 811.241 χ^2 /NDF: 10.6/7

In: -1861.202 $\pm$ 1166.136 χ^2 /NDF: 8.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -983.157 $\pm$ 811.241 χ^2 /NDF: 10.6/7

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1377.236+/-0.825 χ^2/NDF : 465616.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1371.929+/-0.795 χ^2/NDF : 121986.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

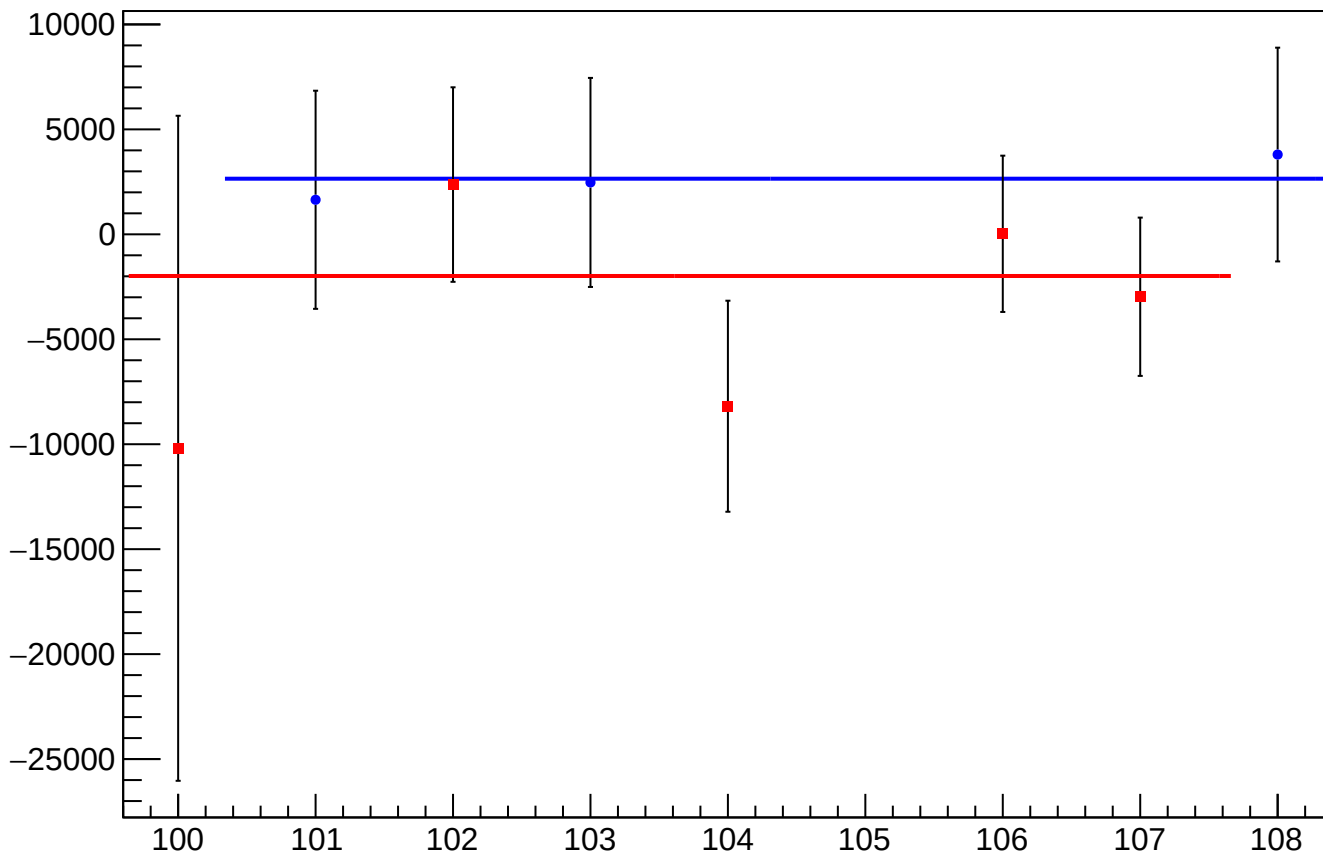
Right: 1374.487+/-0.572 χ^2/NDF : 587624.5/7

In: 1377.236+/-0.825 χ^2/NDF : 465616.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1374.487+/-0.572 χ^2/NDF : 587624.5/7

asym_atl_dd_atr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 2649.880 $\pm$ 2937.017 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1985.129 $\pm$ 2073.476 χ^2 /NDF: 3.0/4

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

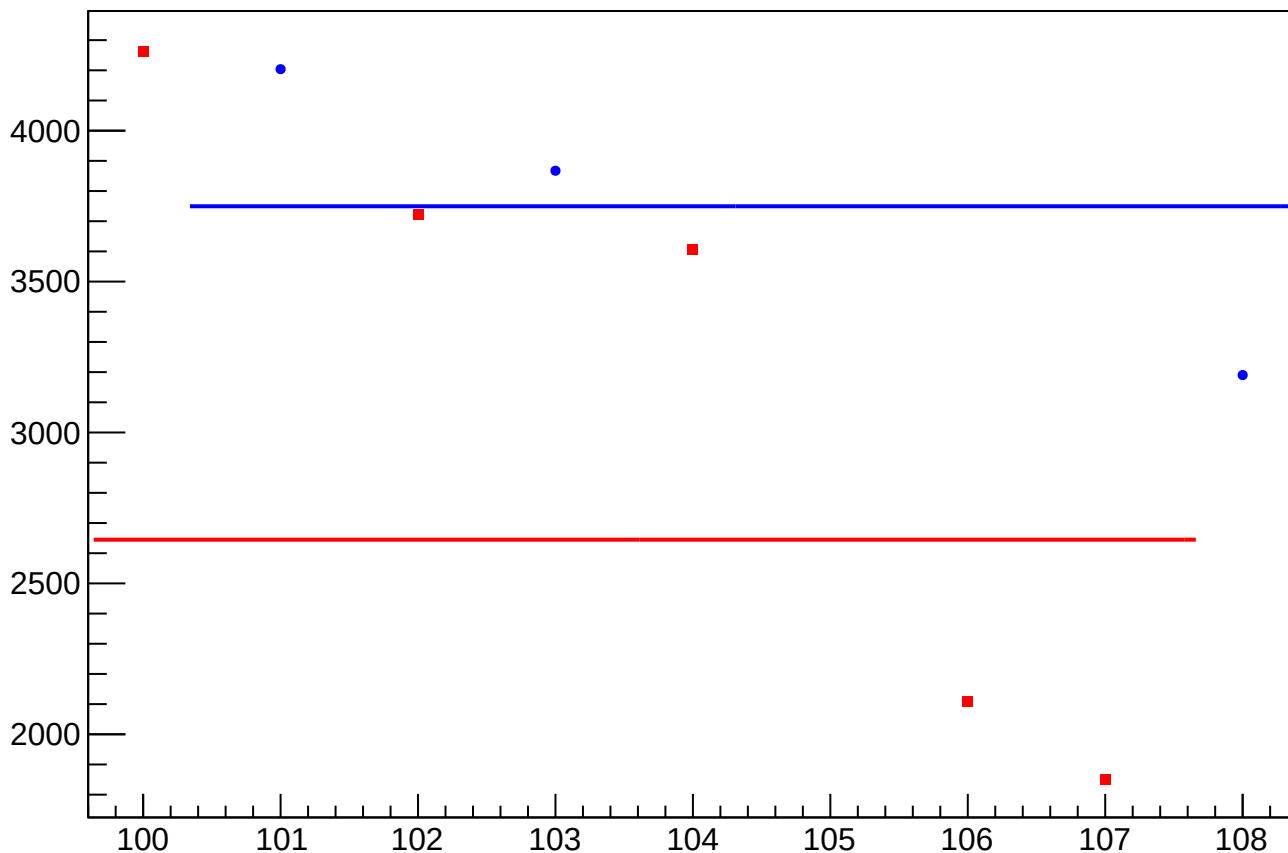
Right: -443.409 $\pm$ 1693.885 χ^2 /NDF: 4.8/7

In: 2649.880 $\pm$ 2937.017 χ^2 /NDF:0.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -443.409 $\pm$ 1693.885 χ^2 /NDF: 4.8/7

asym_atl_dd_atr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3749.540+/-2.077 χ^2/NDF : 40530.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2644.883+/-1.466 χ^2/NDF : 333211.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

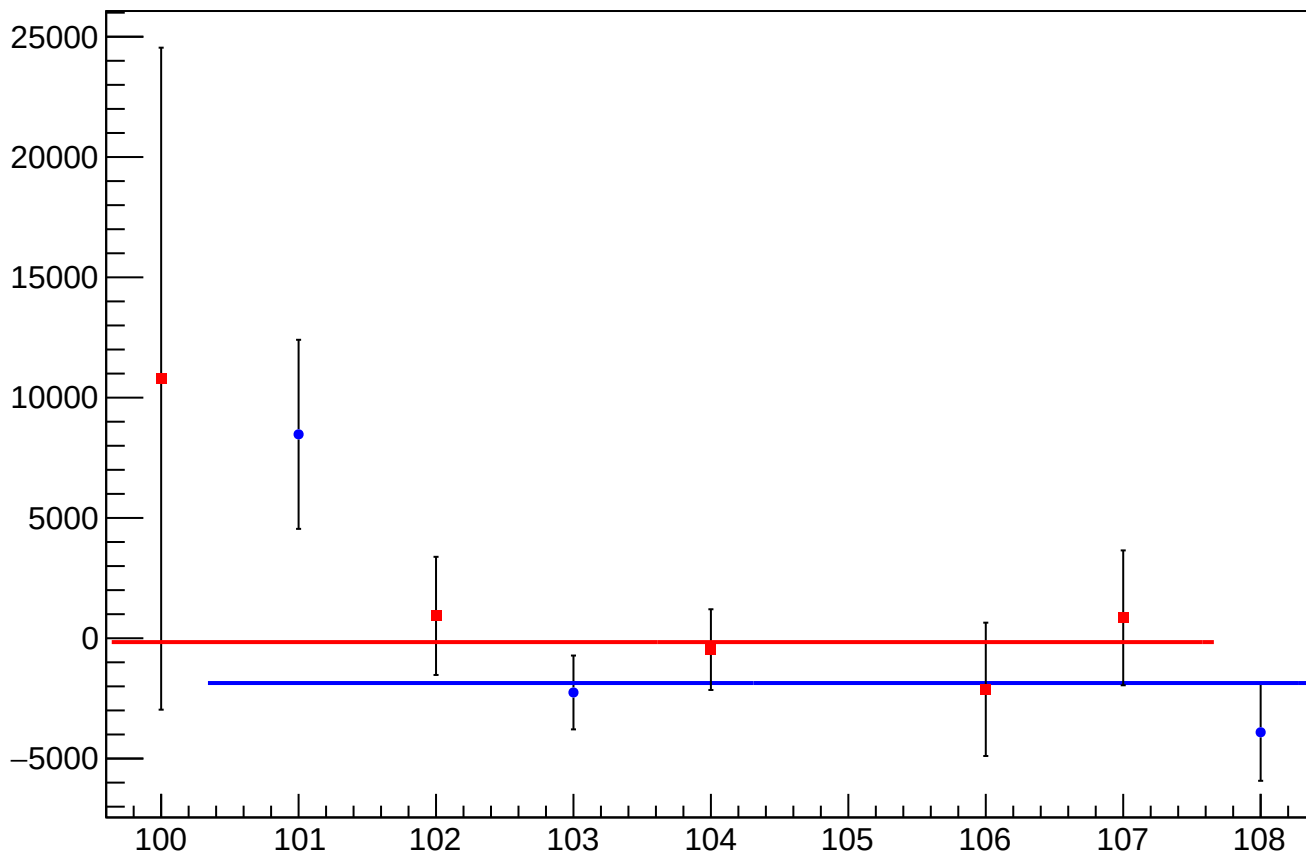
Right: 3012.320+/-1.198 χ^2/NDF : 562559.4/7

In: 3749.540+/-2.077 χ^2/NDF : 40530.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3012.320+/-1.198 χ^2/NDF : 562559.4/7

eigen_dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1861.205+/-1166.136 χ^2/NDF : 8.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -159.735+/-1129.286 χ^2/NDF : 1.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

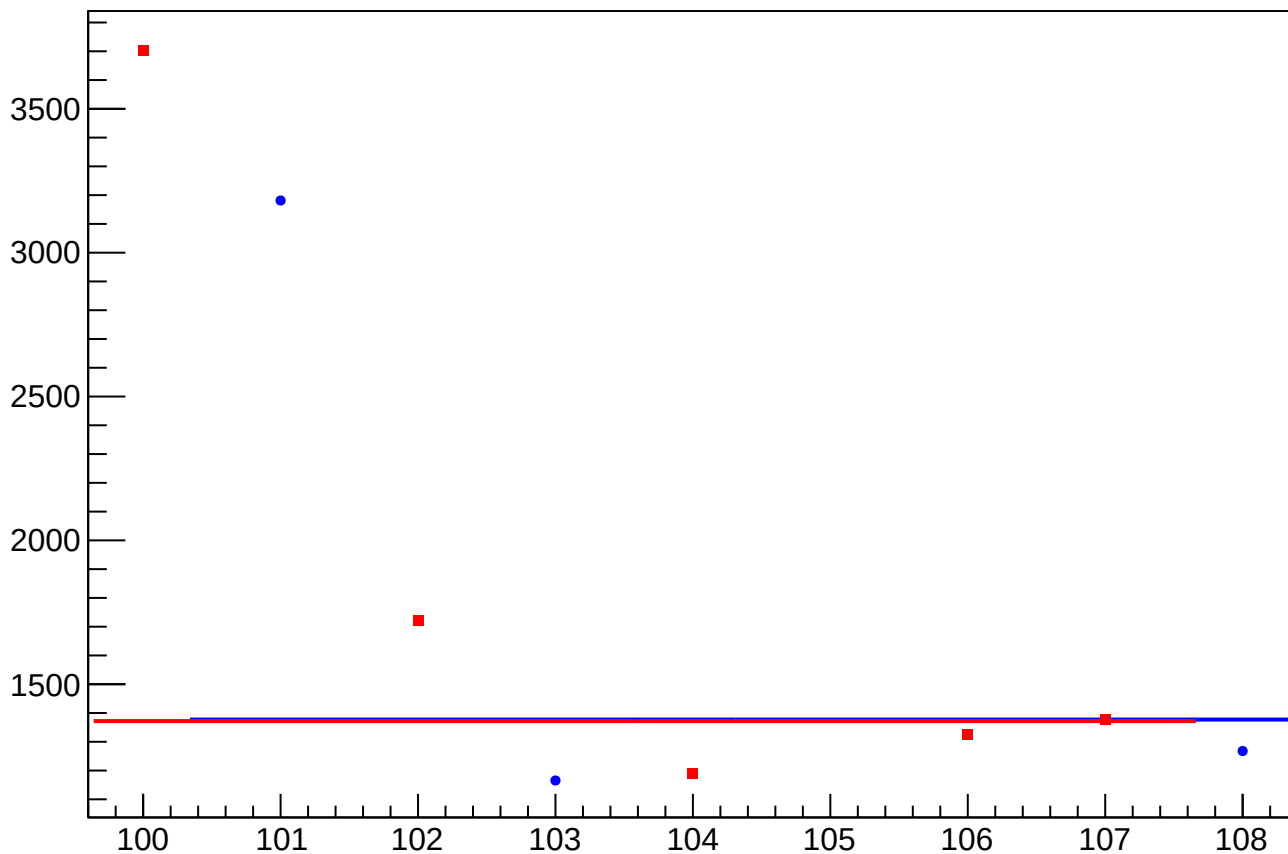
Right: -983.162+/-811.241 χ^2/NDF : 10.6/7

In: -1861.205+/-1166.136 χ^2/NDF : 8.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -983.162+/-811.241 χ^2/NDF : 10.6/7

eigen_dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1377.236+/-0.825 χ^2/NDF : 465616.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1371.928+/-0.795 χ^2/NDF : 121986.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

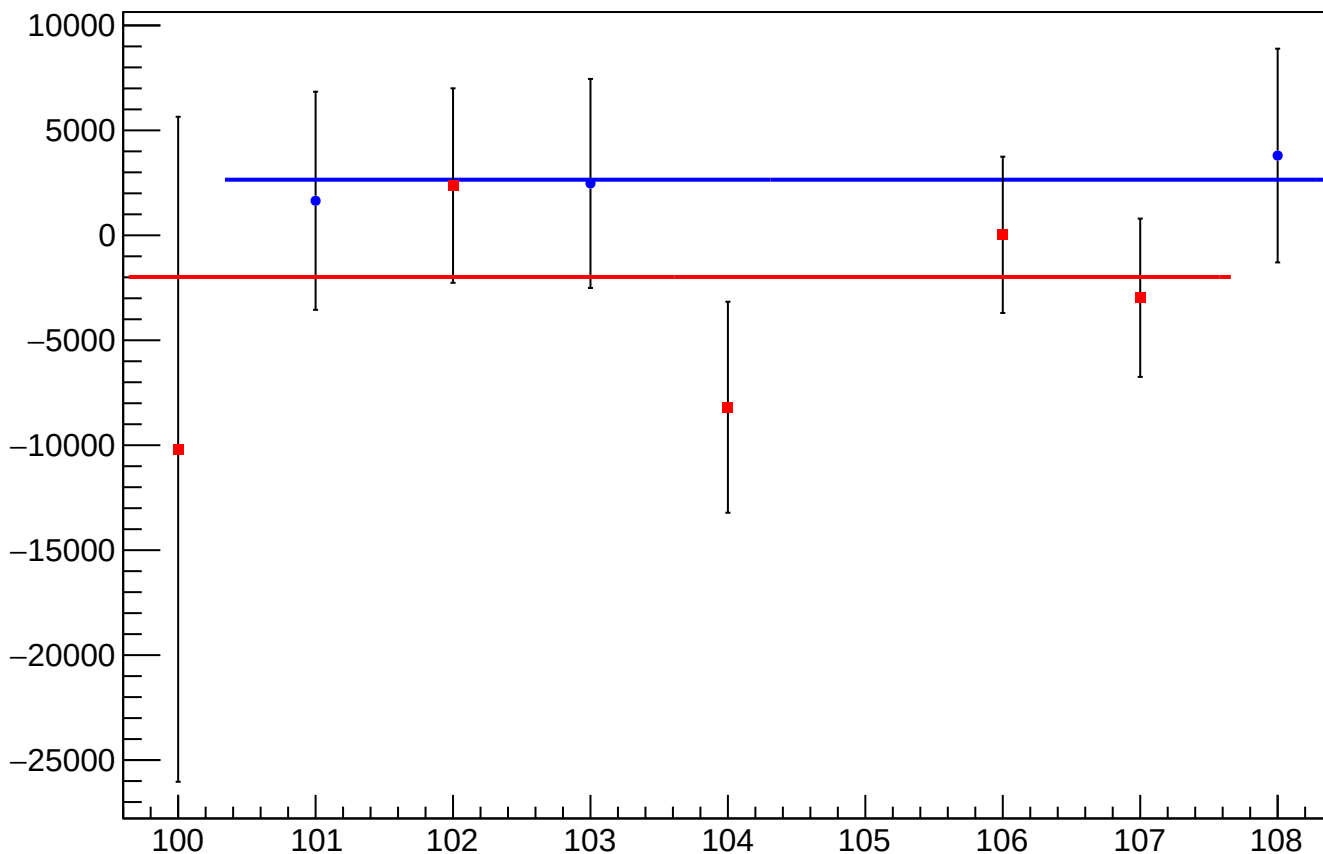
Right: 1374.487+/-0.572 χ^2/NDF : 587624.6/7

In: 1377.236+/-0.825 χ^2/NDF : 465616.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1374.487+/-0.572 χ^2/NDF : 587624.6/7

asym_atl_dd_atr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 2649.883 $\pm$ 2937.015 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1985.135 $\pm$ 2073.473 χ^2 /NDF: 3.0/4

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

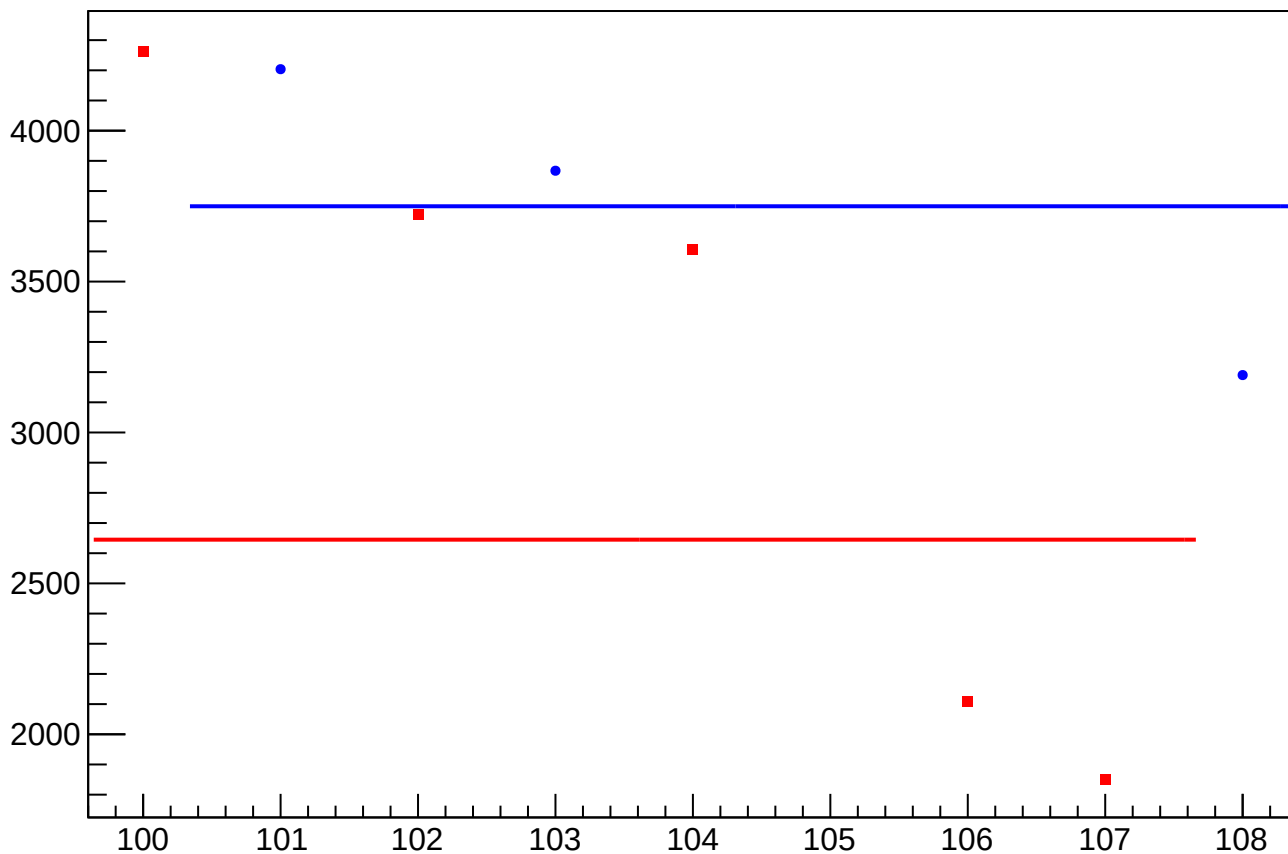
Right: -443.414 $\pm$ 1693.883 χ^2 /NDF: 4.8/7

In: 2649.883 $\pm$ 2937.015 χ^2 /NDF:0.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -443.414 $\pm$ 1693.883 χ^2 /NDF: 4.8/7

asym_atl_dd_atr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3749.538+/-2.077 χ^2/NDF : 40531.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2644.879+/-1.466 χ^2/NDF : 333214.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

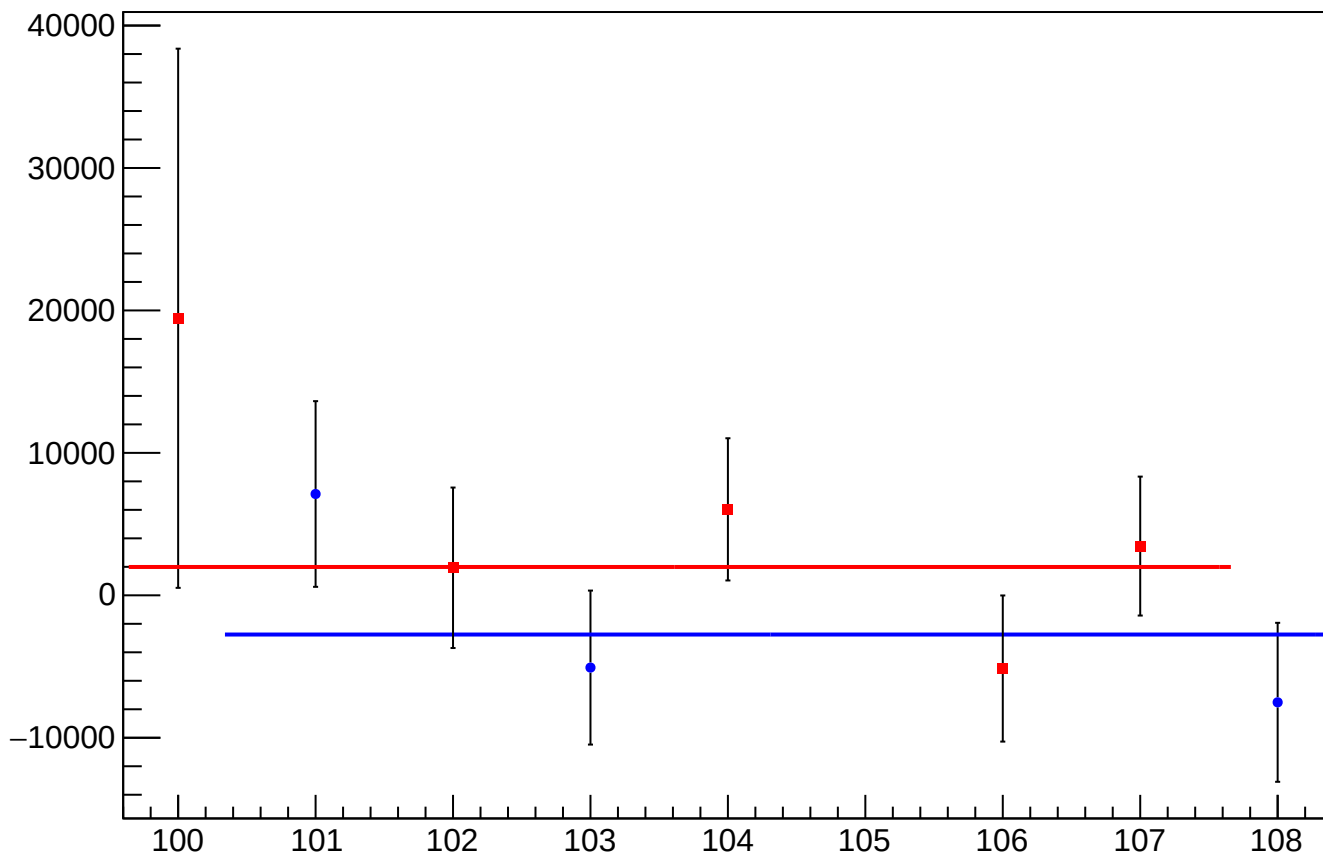
Right: 3012.316+/-1.198 χ^2/NDF : 562564.0/7

In: 3749.538+/-2.077 χ^2/NDF : 40531.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3012.316+/-1.198 χ^2/NDF : 562564.0/7

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -2752.341+/-3335.640 χ^2/NDF : 3.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1990.033+/-2544.165 χ^2/NDF : 3.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

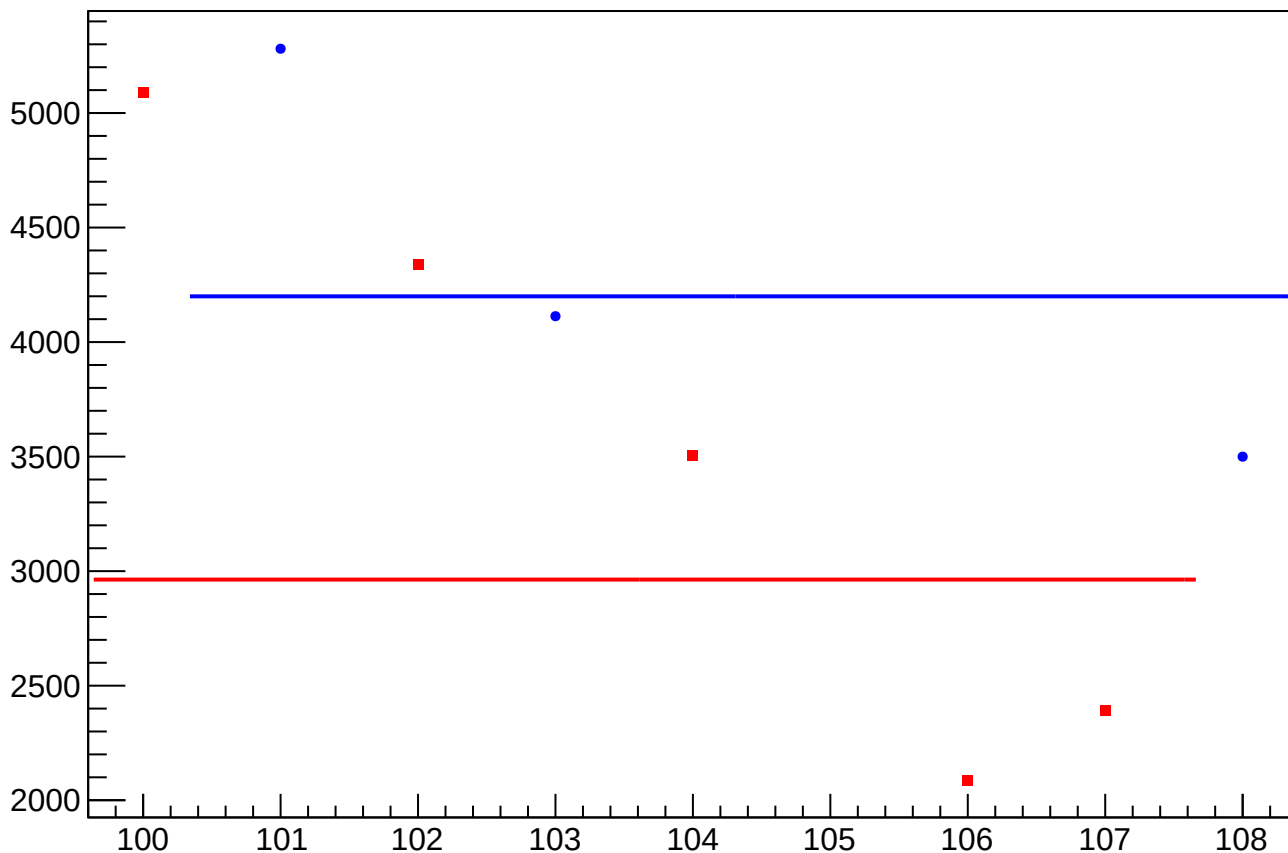
Right: 245.851+/-2022.913 χ^2/NDF : 8.0/7

In: -2752.341+/-3335.640 χ^2/NDF : 3.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 245.851+/-2022.913 χ^2/NDF : 8.0/7

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 4199.698+/-2.359 χ^2/NDF : 86987.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2963.191+/-1.715 χ^2/NDF : 277140.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

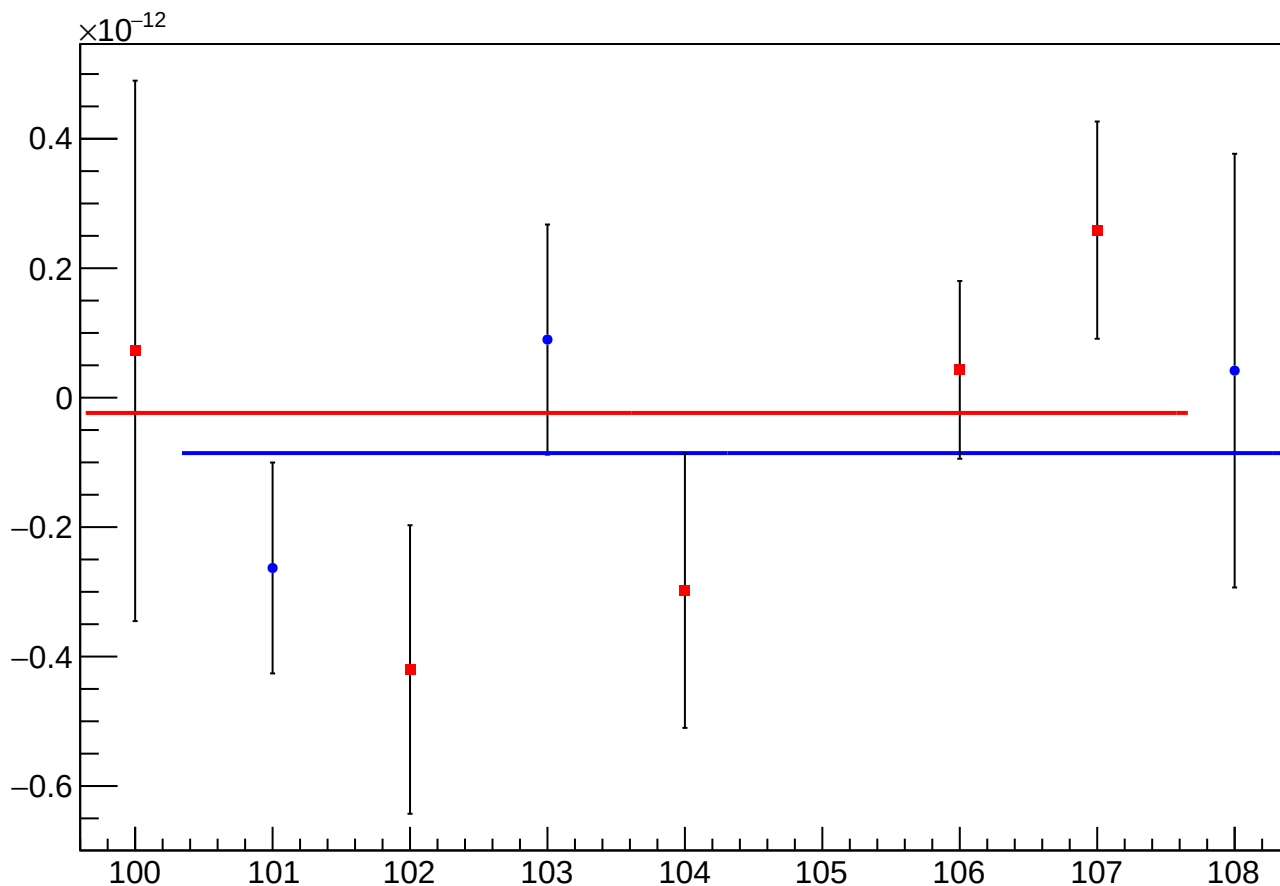
Right: 3390.711+/-1.387 χ^2/NDF : 543953.0/7

In: 4199.698+/-2.359 χ^2/NDF : 86987.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3390.711+/-1.387 χ^2/NDF : 543953.0/7

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

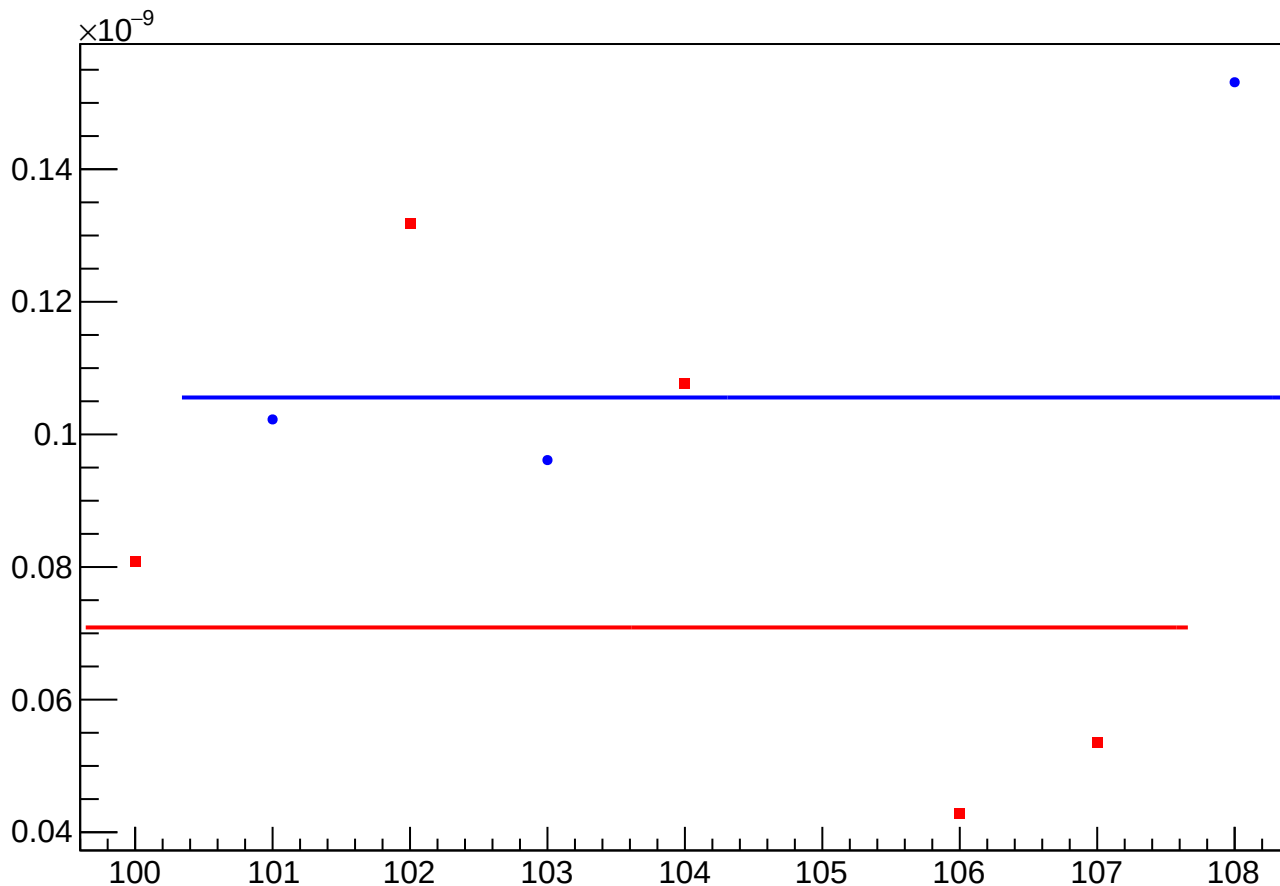
Right: -0.000+/-0.000 χ^2/NDF : 10.5/7

In: -0.000+/-0.000 χ^2/NDF : 2.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.5/7

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 46744.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 315566.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

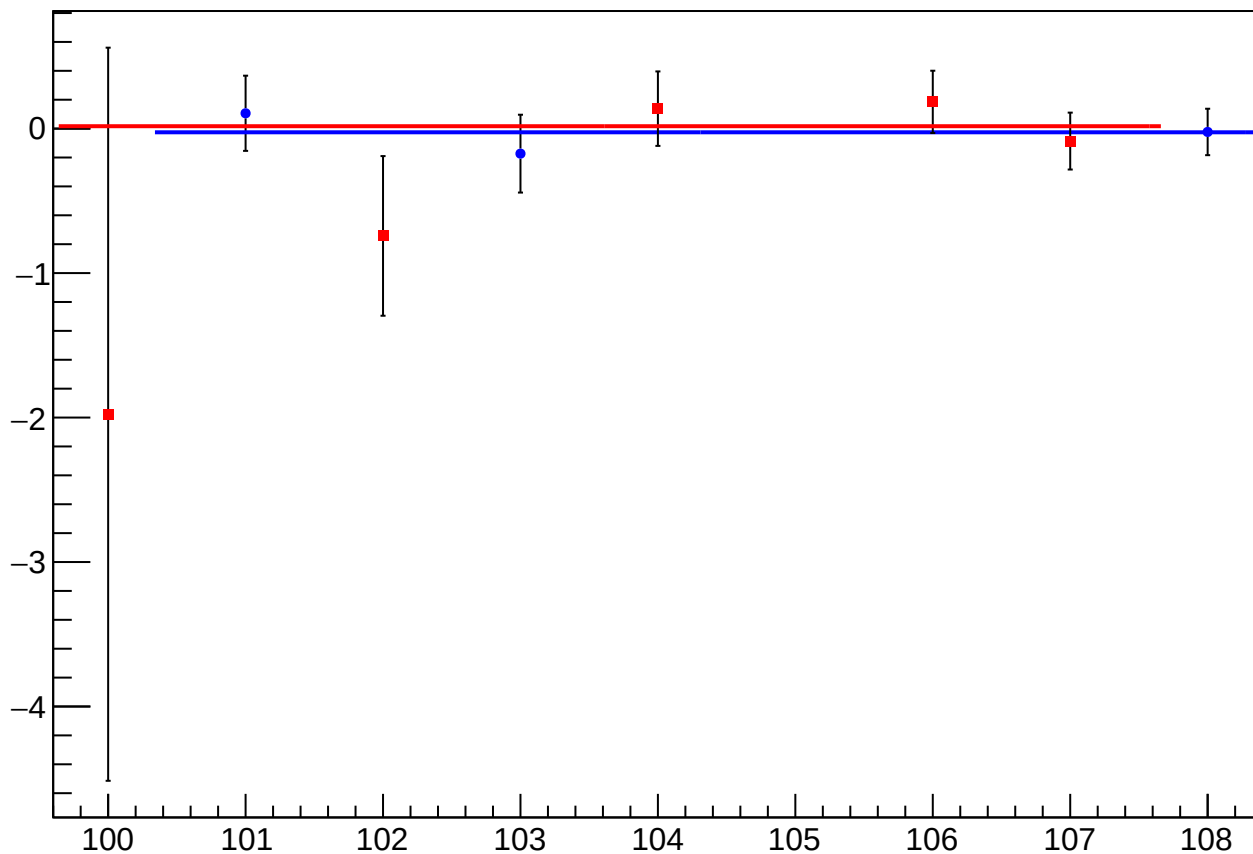
Right: 0.000+/-0.000 χ^2/NDF : 482036.9/7

In: 0.000+/-0.000 χ^2/NDF : 46744.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 482036.9/7

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025+/-0.122 χ^2 /NDF: 0.6/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.017+/-0.123 χ^2 /NDF: 3.6/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

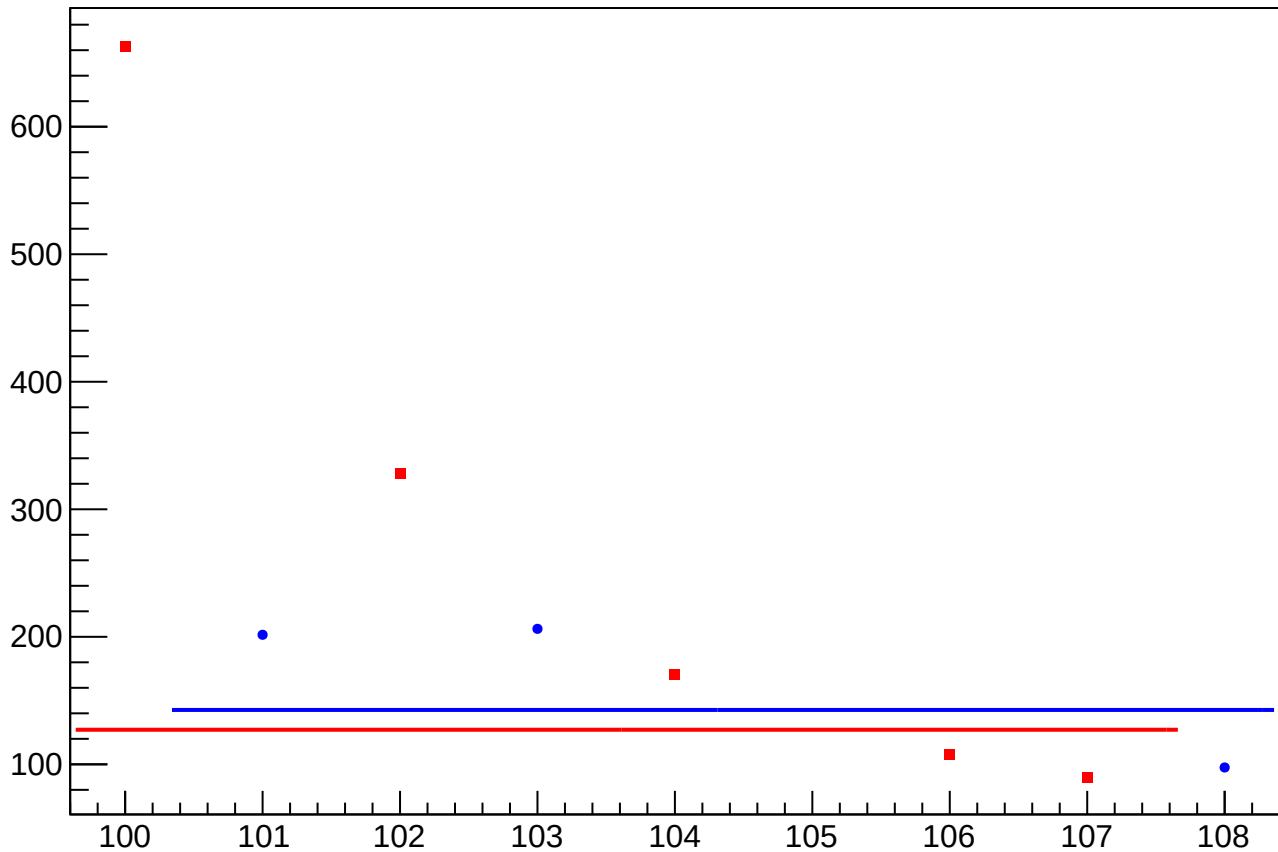
Right: -0.005+/-0.087 χ^2 /NDF: 4.2/7

In: -0.025+/-0.122 χ^2 /NDF:0.6/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.005+/-0.087 χ^2 /NDF: 4.2/7

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.654+/-0.086 χ^2/NDF : 371642.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.125+/-0.087 χ^2/NDF : 499038.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

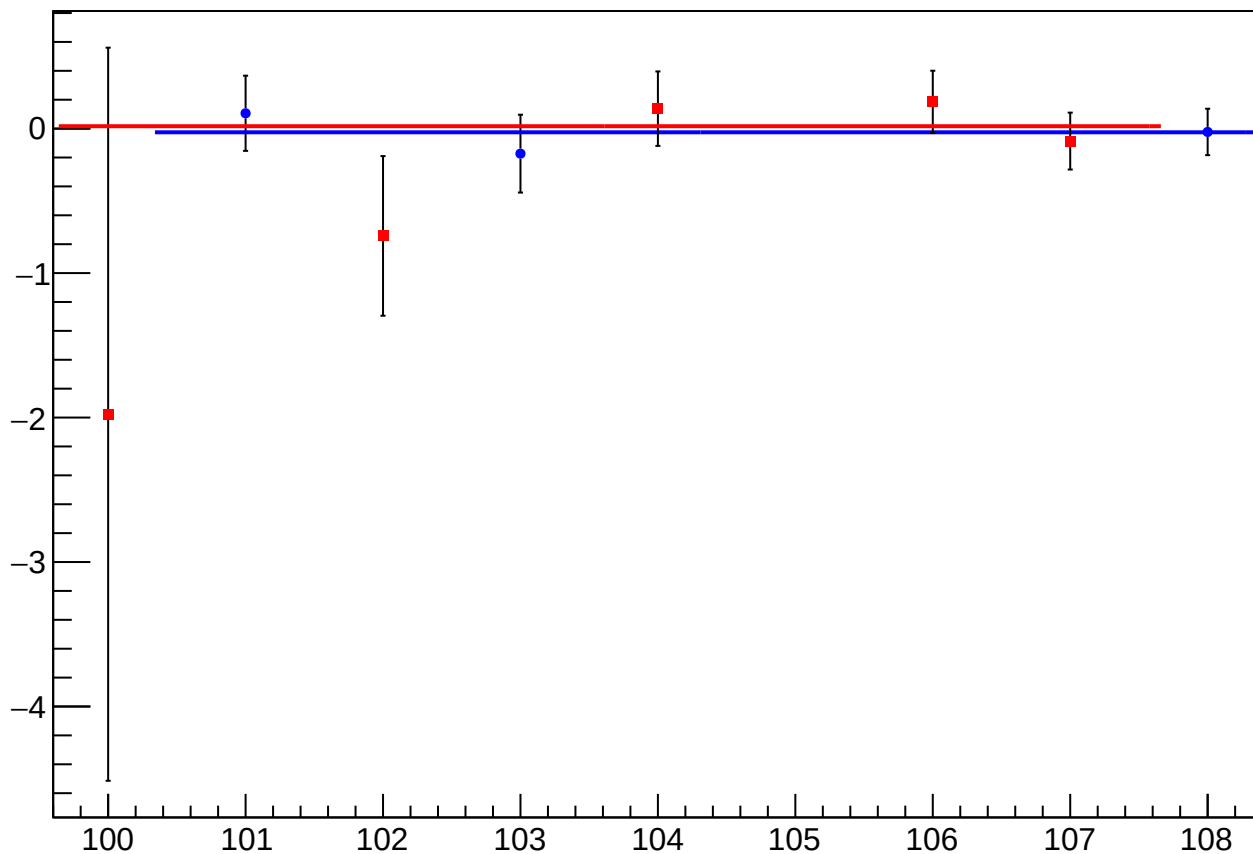
Right: 134.976+/-0.061 χ^2/NDF : 886720.7/7

In: 142.654+/-0.086 χ^2/NDF : 371642.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.976+/-0.061 χ^2/NDF : 886720.7/7

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025 ± 0.122 χ^2/NDF : 0.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.017 ± 0.123 χ^2/NDF : 3.6/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

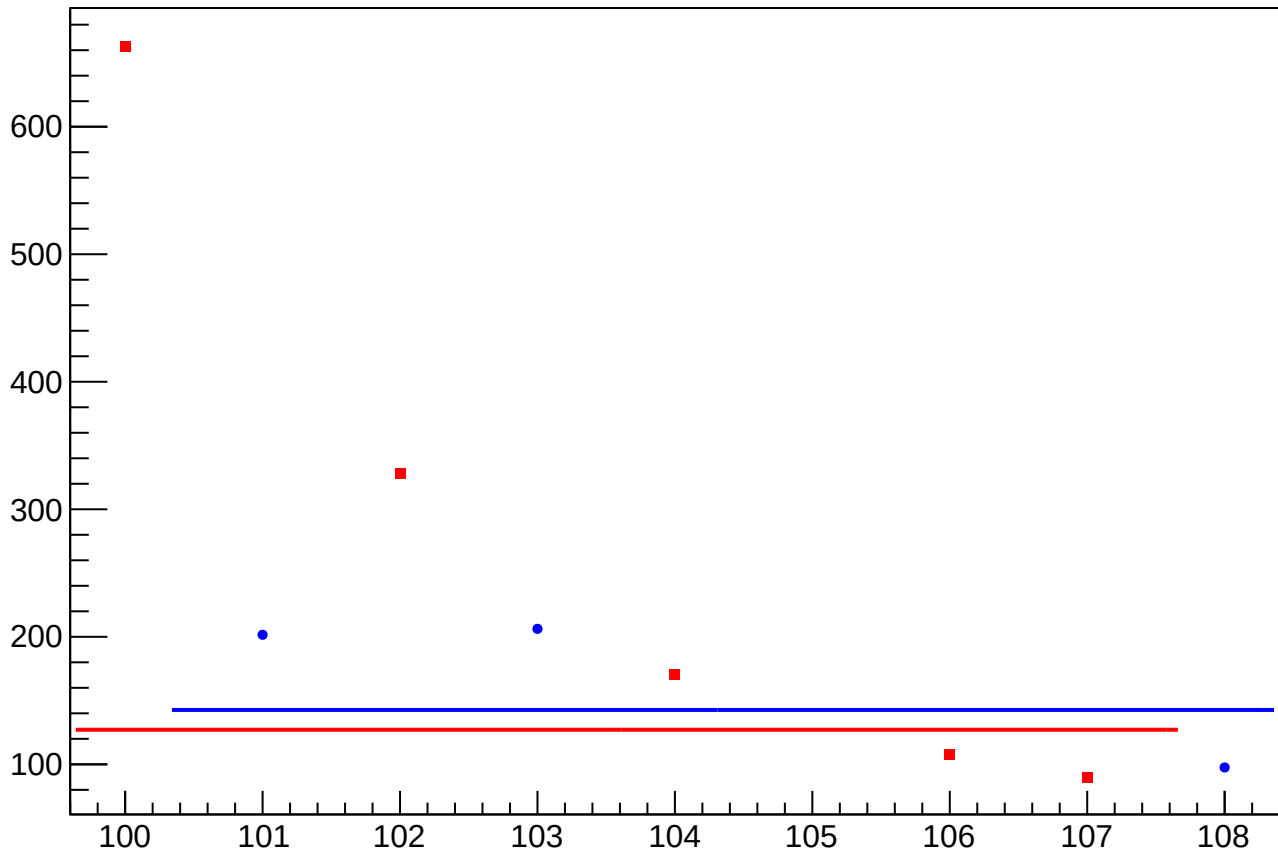
Right: -0.005 ± 0.087 χ^2/NDF : 4.2/7

In: -0.025 ± 0.122 χ^2/NDF : 0.6/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.005 ± 0.087 χ^2/NDF : 4.2/7

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.654+/-0.086 χ^2/NDF : 371642.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.125+/-0.087 χ^2/NDF : 499038.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

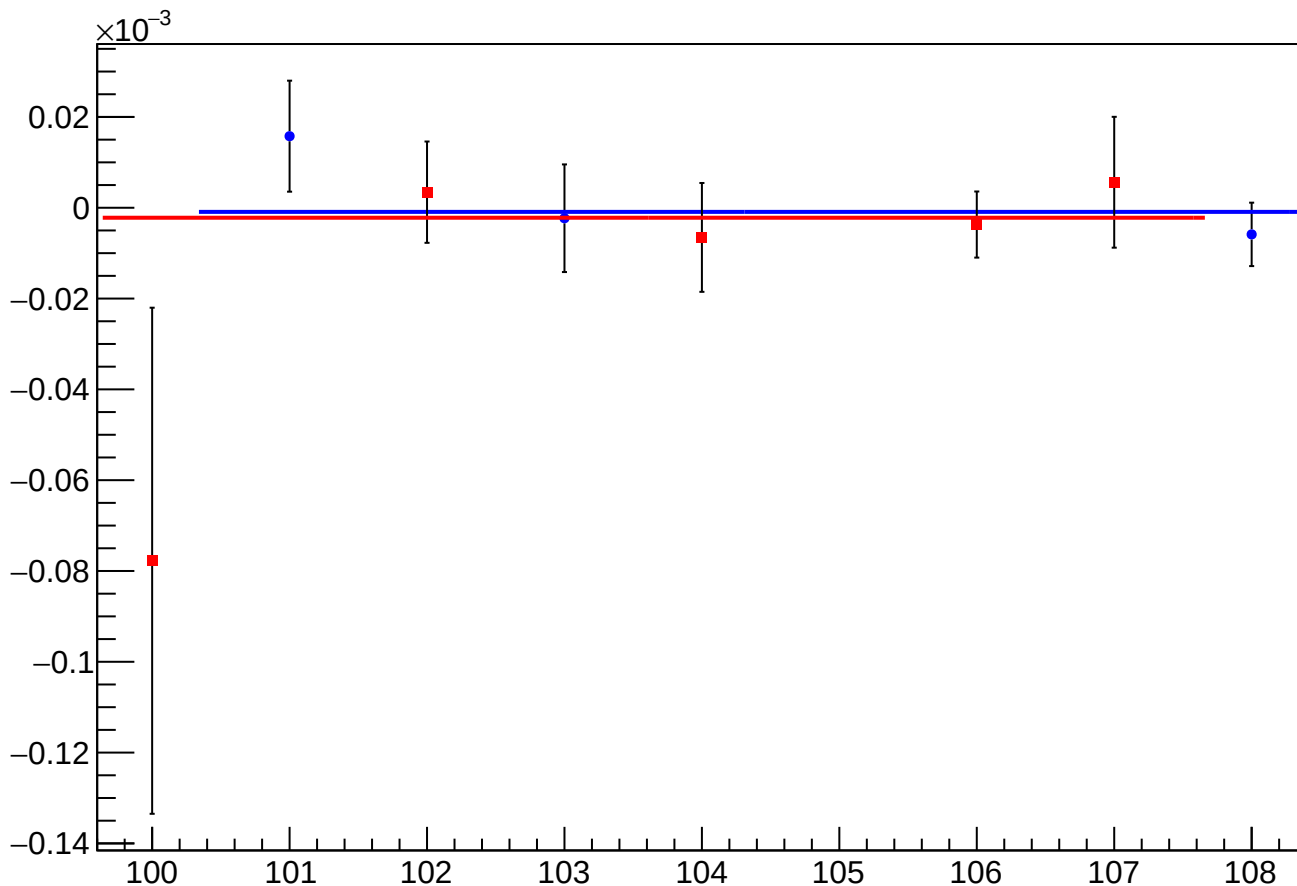
Right: 134.976+/-0.061 χ^2/NDF : 886720.7/7

In: 142.654+/-0.086 χ^2/NDF : 371642.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.976+/-0.061 χ^2/NDF : 886720.7/7

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: 2.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 2.6/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

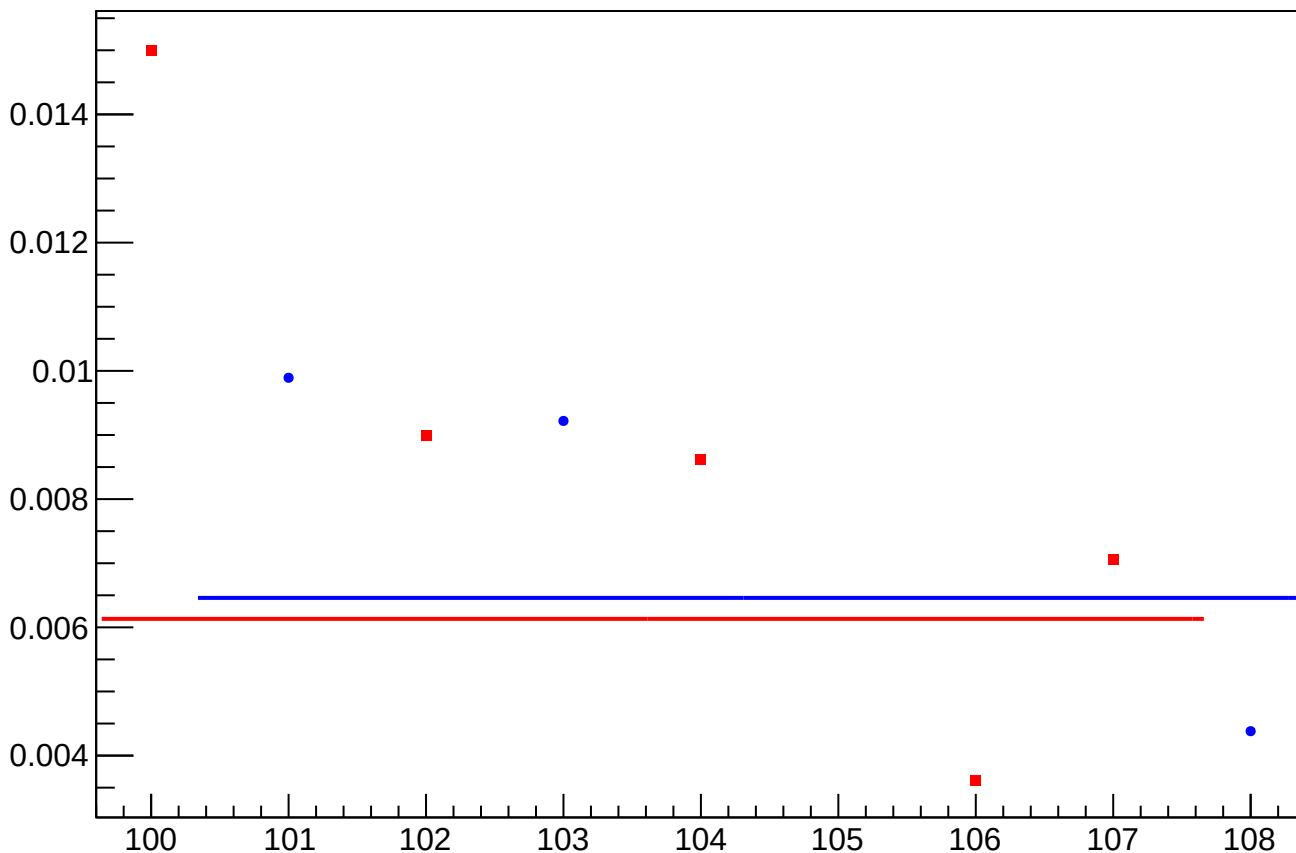
Right: -0.000+/-0.000 χ^2 /NDF: 5.0/7

In: -0.000+/-0.000 χ^2 /NDF:2.4/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 5.0/7

asym_atl_dd_atr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 443261.5/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 515340.4/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

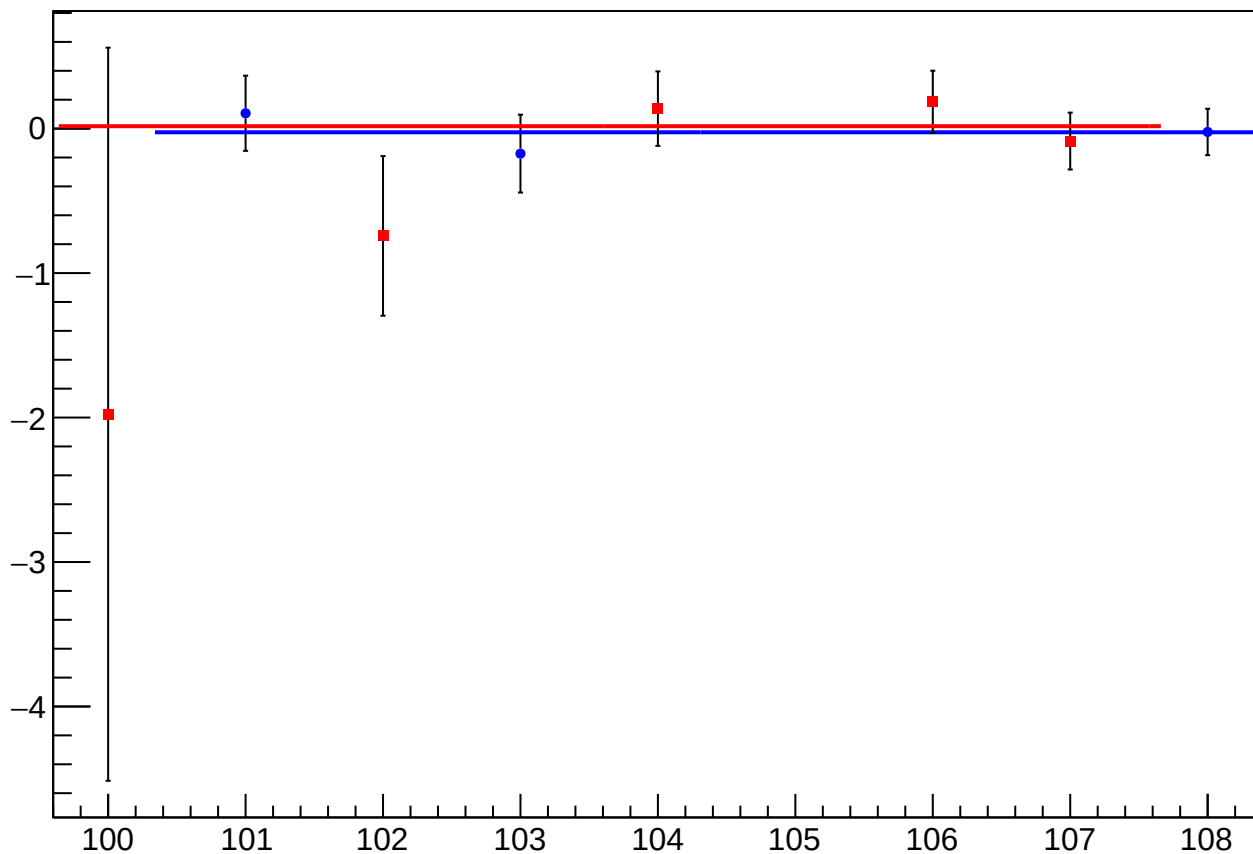
Right: 0.006+/-0.000 χ^2/NDF : 962507.8/7

In: 0.006+/-0.000 χ^2/NDF :443261.5/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 962507.8/7

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025+/-0.122 χ^2 /NDF: 0.6/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.017+/-0.123 χ^2 /NDF: 3.6/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

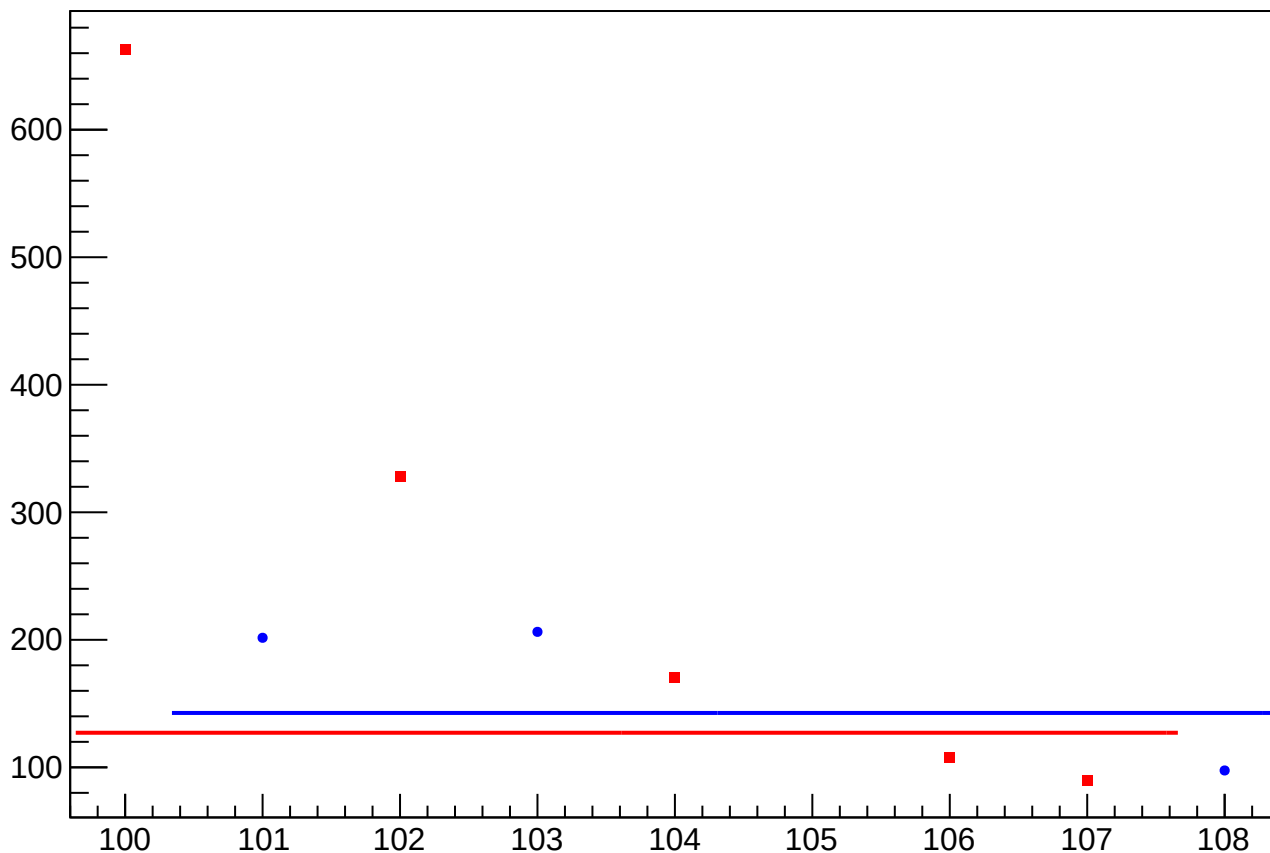
Right: -0.005+/-0.087 χ^2 /NDF: 4.2/7

In: -0.025+/-0.122 χ^2 /NDF:0.6/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.005+/-0.087 χ^2 /NDF: 4.2/7

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.655+/-0.086 χ^2/NDF : 371607.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.129+/-0.087 χ^2/NDF : 499002.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

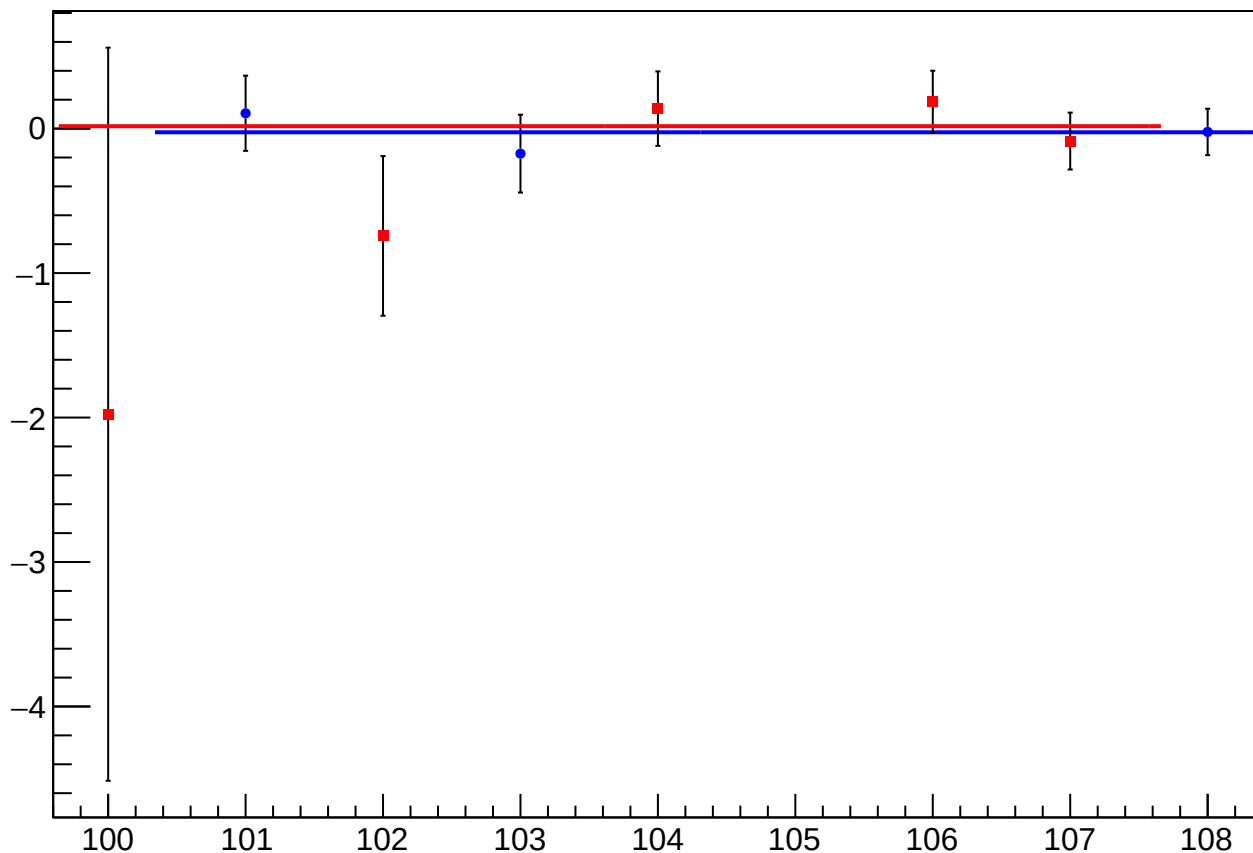
Right: 134.979+/-0.061 χ^2/NDF : 886644.0/7

In: 142.655+/-0.086 χ^2/NDF : 371607.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.979+/-0.061 χ^2/NDF : 886644.0/7

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025+/-0.122 χ^2 /NDF: 0.6/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.017+/-0.123 χ^2 /NDF: 3.6/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

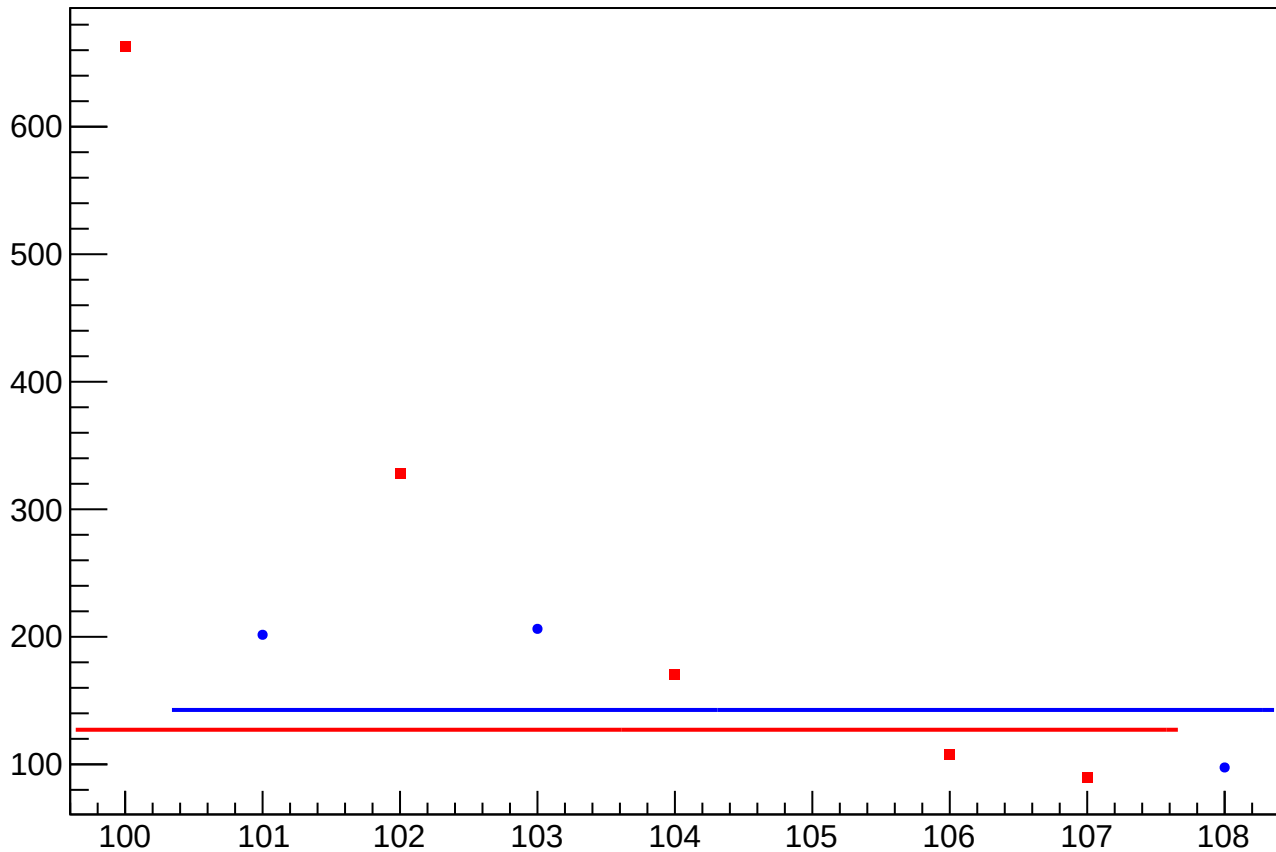
Right: -0.005+/-0.087 χ^2 /NDF: 4.2/7

In: -0.025+/-0.122 χ^2 /NDF:0.6/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.005+/-0.087 χ^2 /NDF: 4.2/7

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.655+/-0.086 χ^2/NDF : 371607.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.129+/-0.087 χ^2/NDF : 499002.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

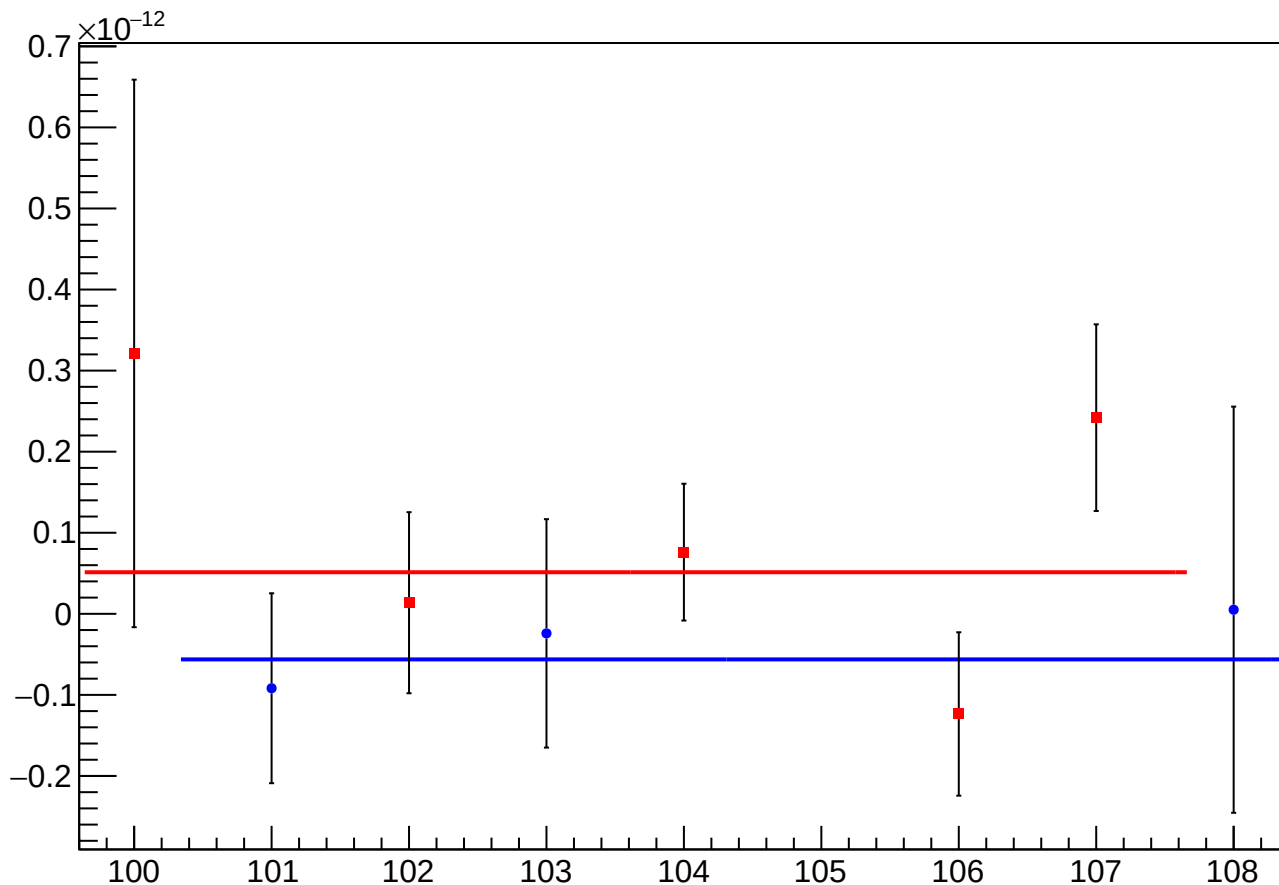
Right: 134.979+/-0.061 χ^2/NDF : 886644.0/7

In: 142.655+/-0.086 χ^2/NDF : 371607.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.979+/-0.061 χ^2/NDF : 886644.0/7

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 : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

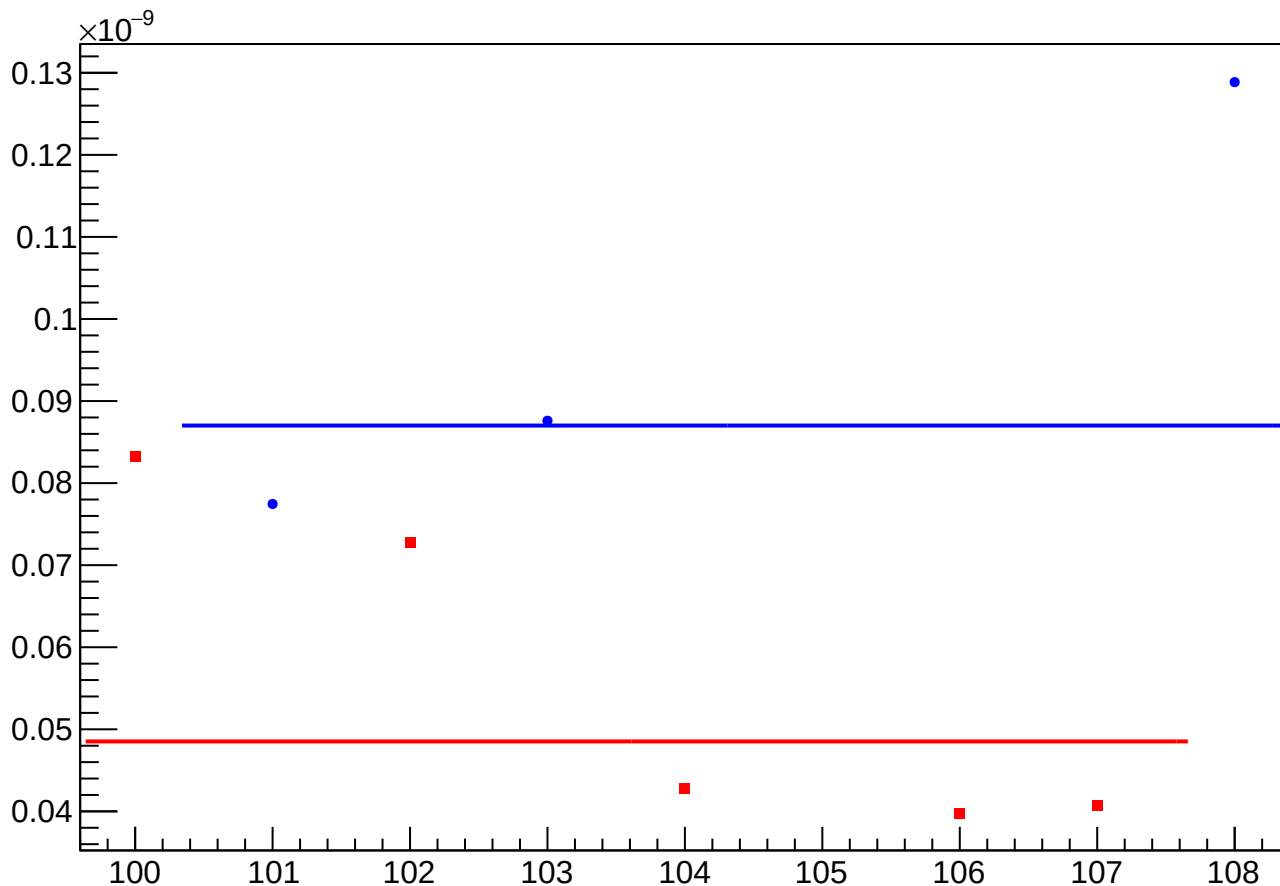
Right: 0.000+/-0.000 χ^2/NDF : 8.0/7

In: -0.000+/-0.000 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.0/7

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 : 69167.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 148752.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

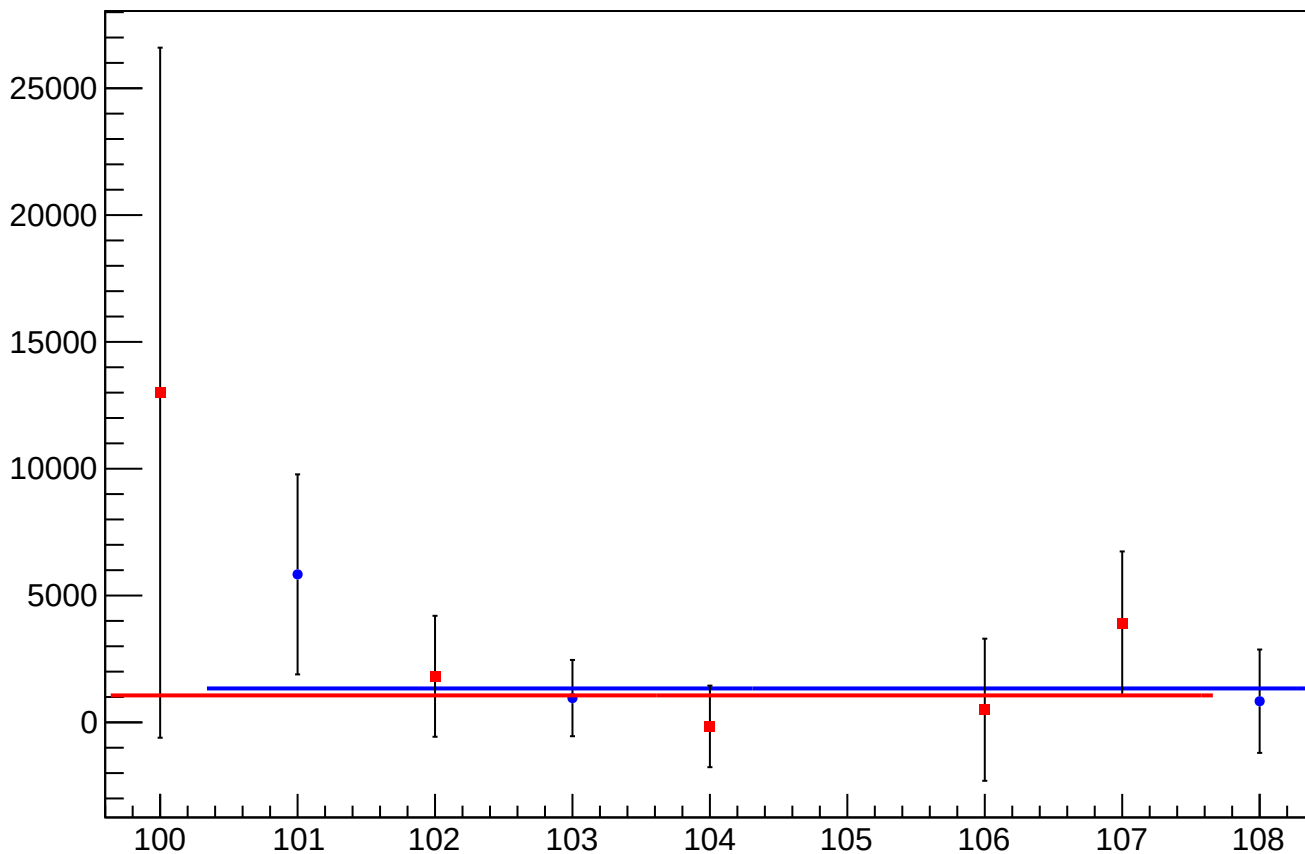
Right: 0.000+/-0.000 χ^2/NDF : 524604.2/7

In: 0.000+/-0.000 χ^2/NDF : 69167.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 524604.2/7

reg_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 1337.047+/-1156.639 χ^2/NDF : 1.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1062.505+/-1105.072 χ^2/NDF : 2.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

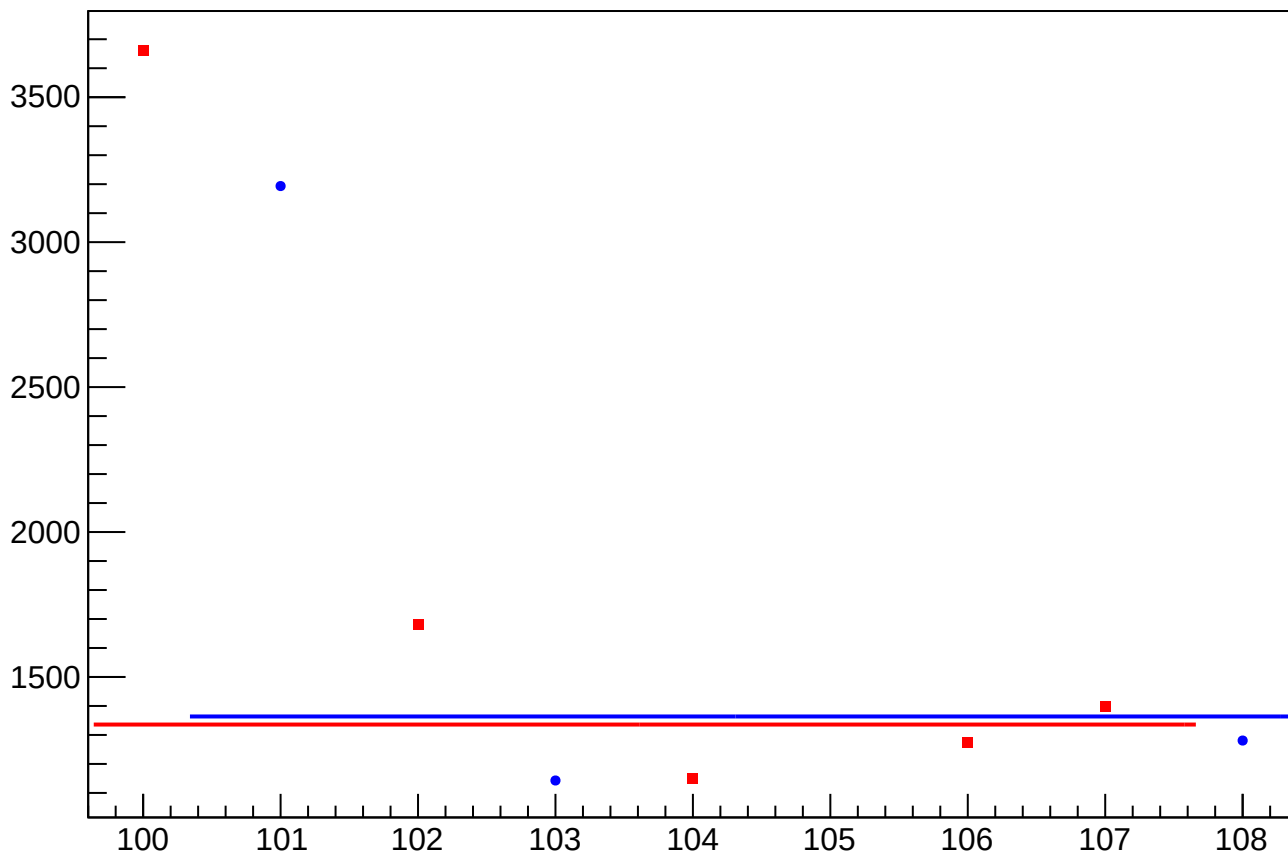
Right: 1193.520+/-799.012 χ^2/NDF : 3.9/7

In: 1337.047+/-1156.639 χ^2/NDF : 1.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1193.520+/-799.012 χ^2/NDF : 3.9/7

reg_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1363.741+/-0.818 χ^2/NDF : 477079.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1335.889+/-0.771 χ^2/NDF : 128980.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

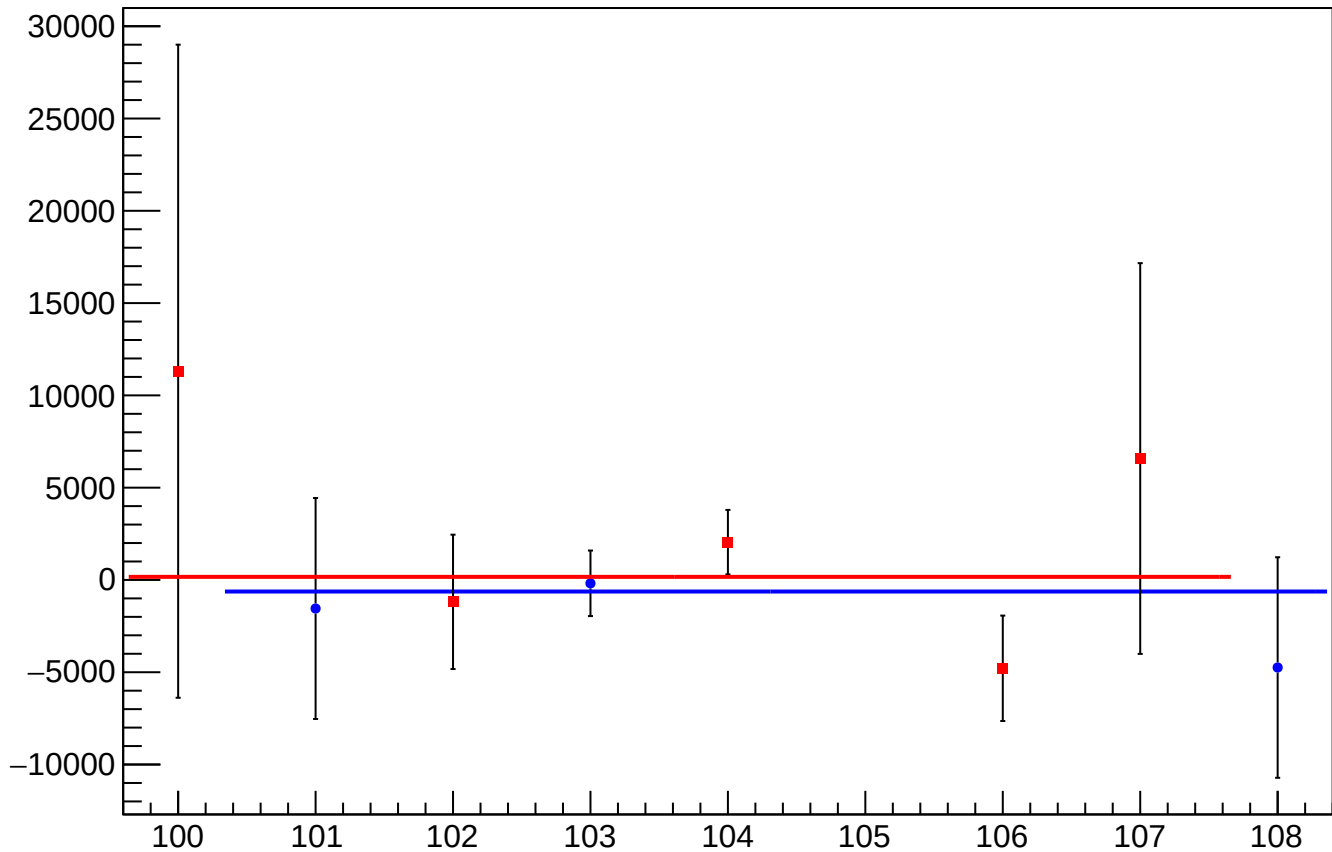
Right: 1348.995+/-0.561 χ^2/NDF : 606673.5/7

In: 1363.741+/-0.818 χ^2/NDF : 477079.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1348.995+/-0.561 χ^2/NDF : 606673.5/7

asym_atl_avg_atr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -627.201+/-1636.925 χ^2/NDF : 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.264+/-1363.119 χ^2/NDF : 5.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

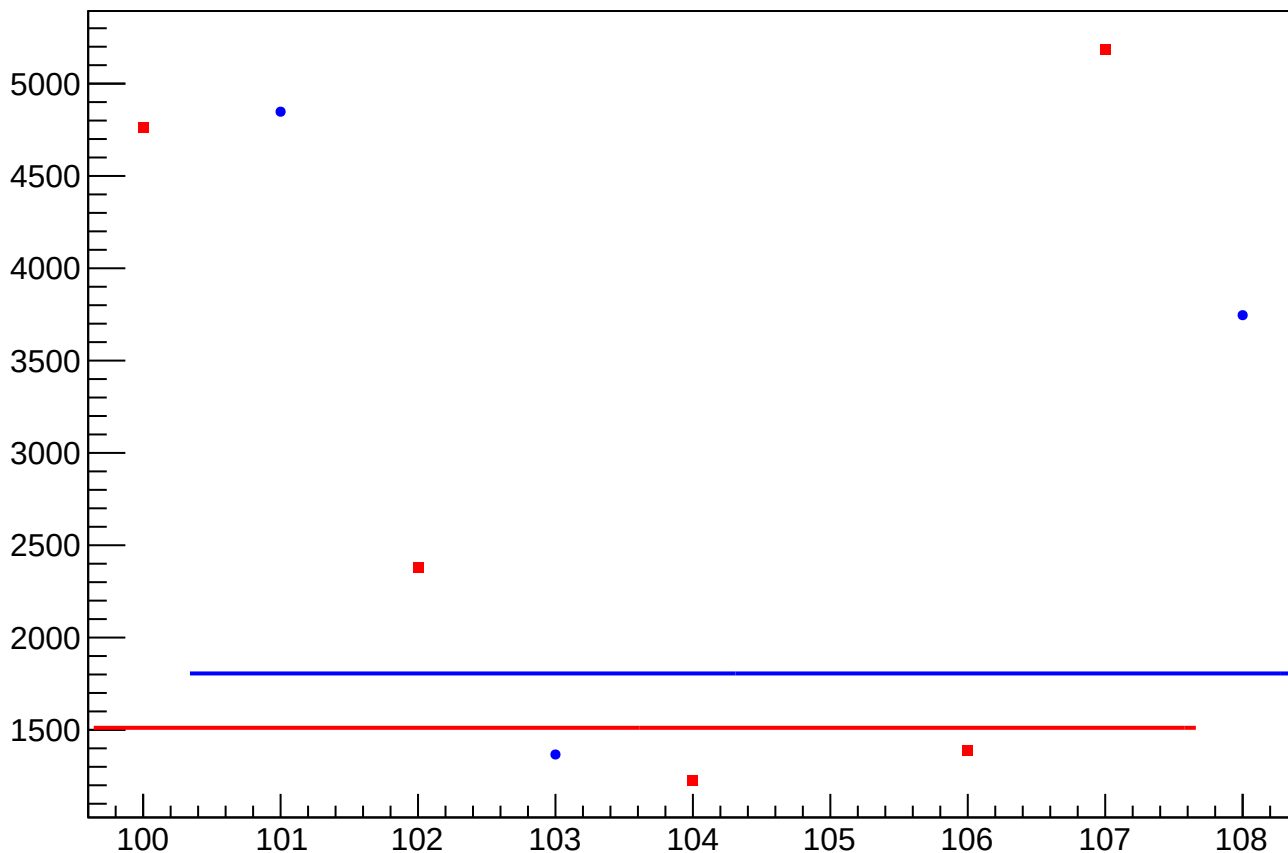
Right: -158.059+/-1047.487 χ^2/NDF : 5.8/7

In: -627.201+/-1636.925 χ^2/NDF : 0.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -158.059+/-1047.487 χ^2/NDF : 5.8/7

asym_atl_avg_atr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1805.660+/-1.157 χ^2/NDF : 849781.4/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1511.284+/-0.964 χ^2/NDF : 479779.5/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

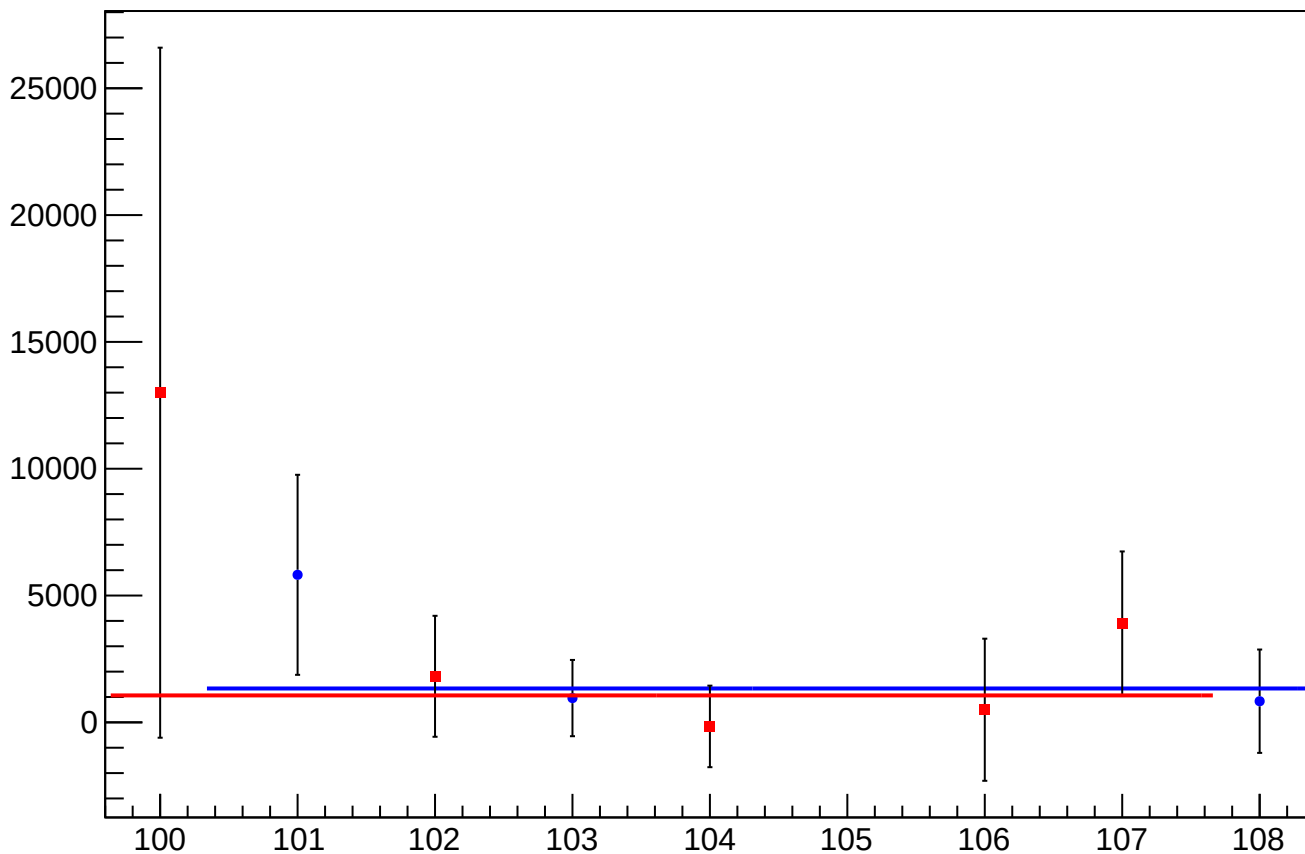
Right: 1631.827+/-0.741 χ^2/NDF : 1367755.9/7

In: 1805.660+/-1.157 χ^2/NDF :849781.4/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1631.827+/-0.741 χ^2/NDF : 1367755.9/7

cor_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 1335.704+/-1156.640 χ^2/NDF : 1.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1062.273+/-1105.072 χ^2/NDF : 2.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

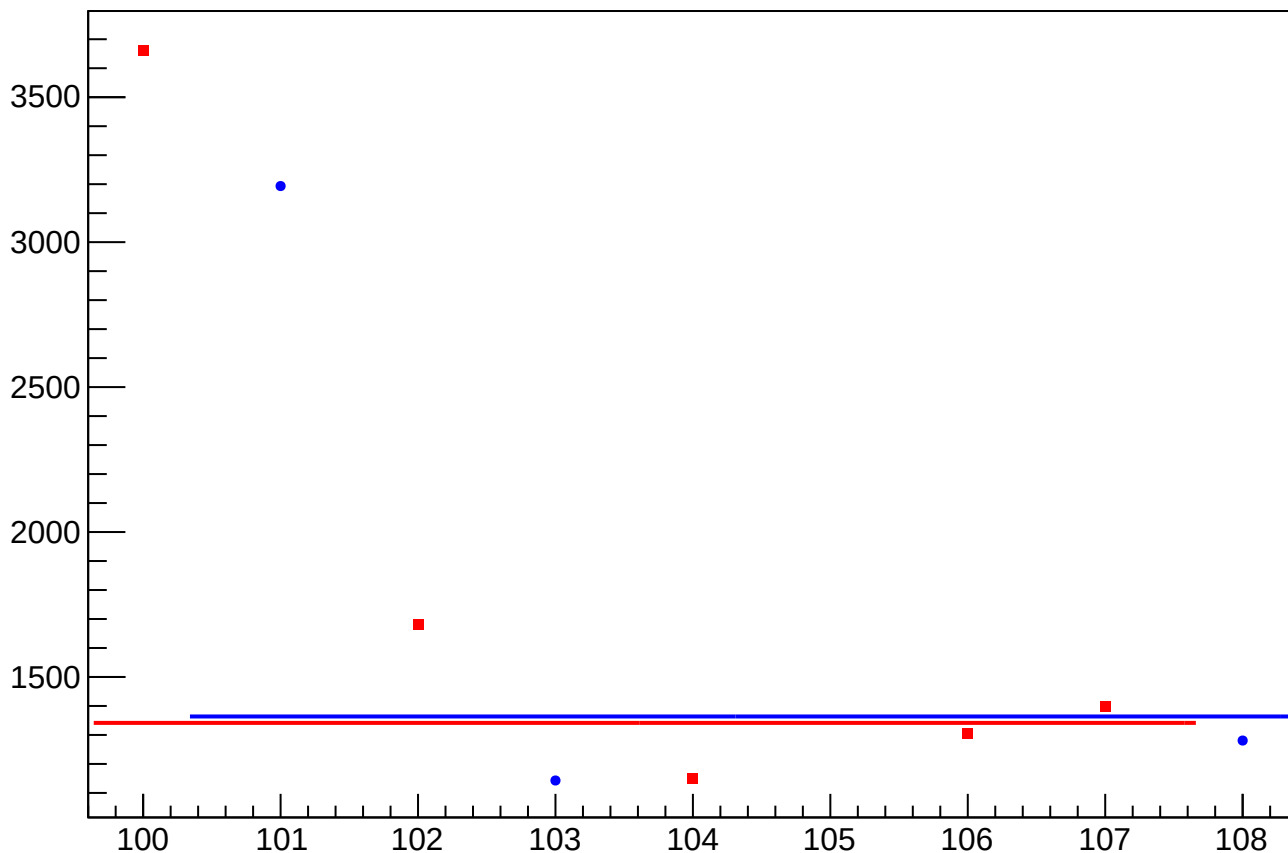
Right: 1192.757+/-799.013 χ^2/NDF : 3.9/7

In: 1335.704+/-1156.640 χ^2/NDF : 1.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1192.757+/-799.013 χ^2/NDF : 3.9/7

cor_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1363.740+/-0.818 χ^2/NDF : 477080.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1341.595+/-0.774 χ^2/NDF : 128069.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

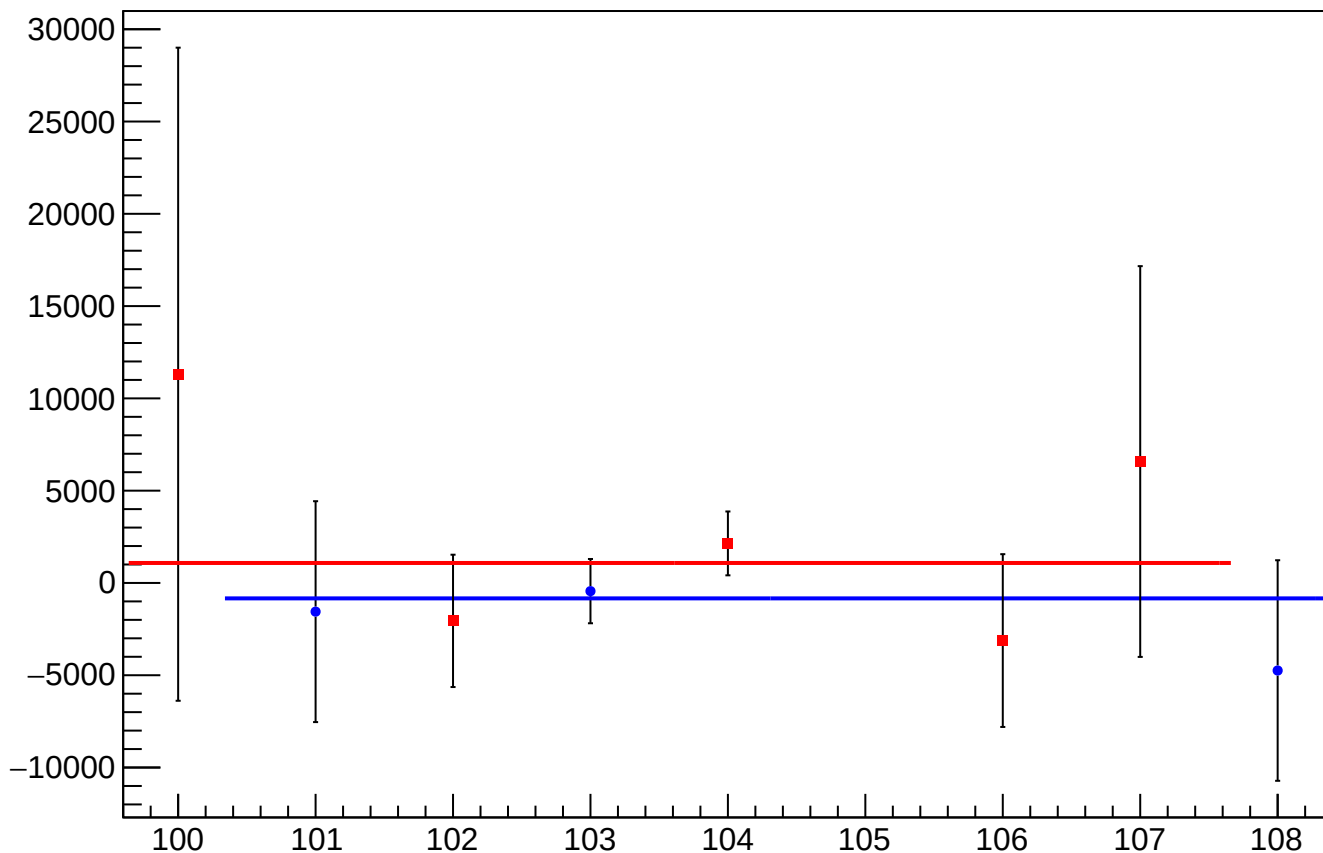
Right: 1352.058+/-0.562 χ^2/NDF : 605536.9/7

In: 1363.740+/-0.818 χ^2/NDF : 477080.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1352.058+/-0.562 χ^2/NDF : 605536.9/7

asym_atl_avg_atr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -836.218+/-1610.282 χ^2/NDF : 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1082.438+/-1459.053 χ^2/NDF : 2.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

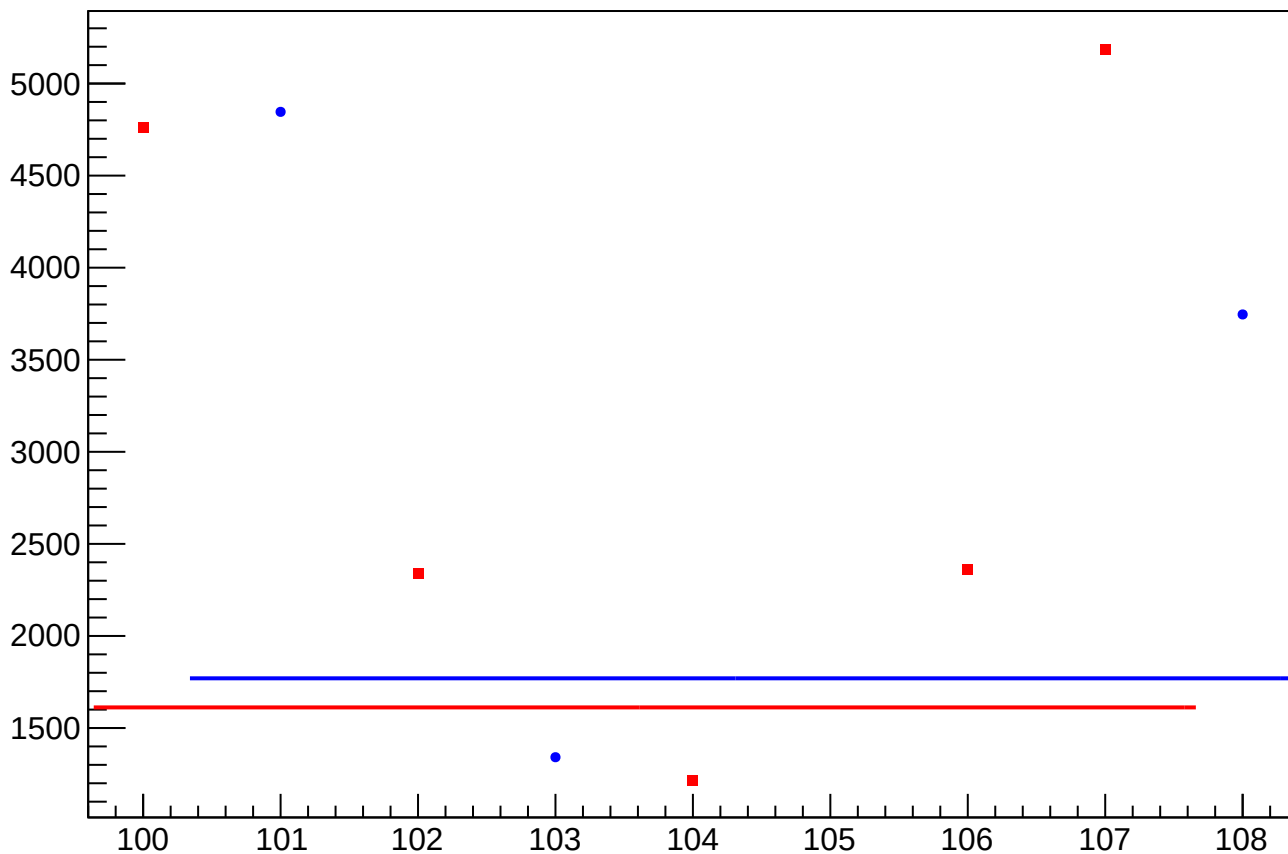
Right: 217.415+/-1081.228 χ^2/NDF : 3.8/7

In: -836.218+/-1610.282 χ^2/NDF : 0.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 217.415+/-1081.228 χ^2/NDF : 3.8/7

asym_atl_avg_atr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1769.941+/-1.139 χ^2/NDF : 868390.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1611.953+/-1.032 χ^2/NDF : 530662.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

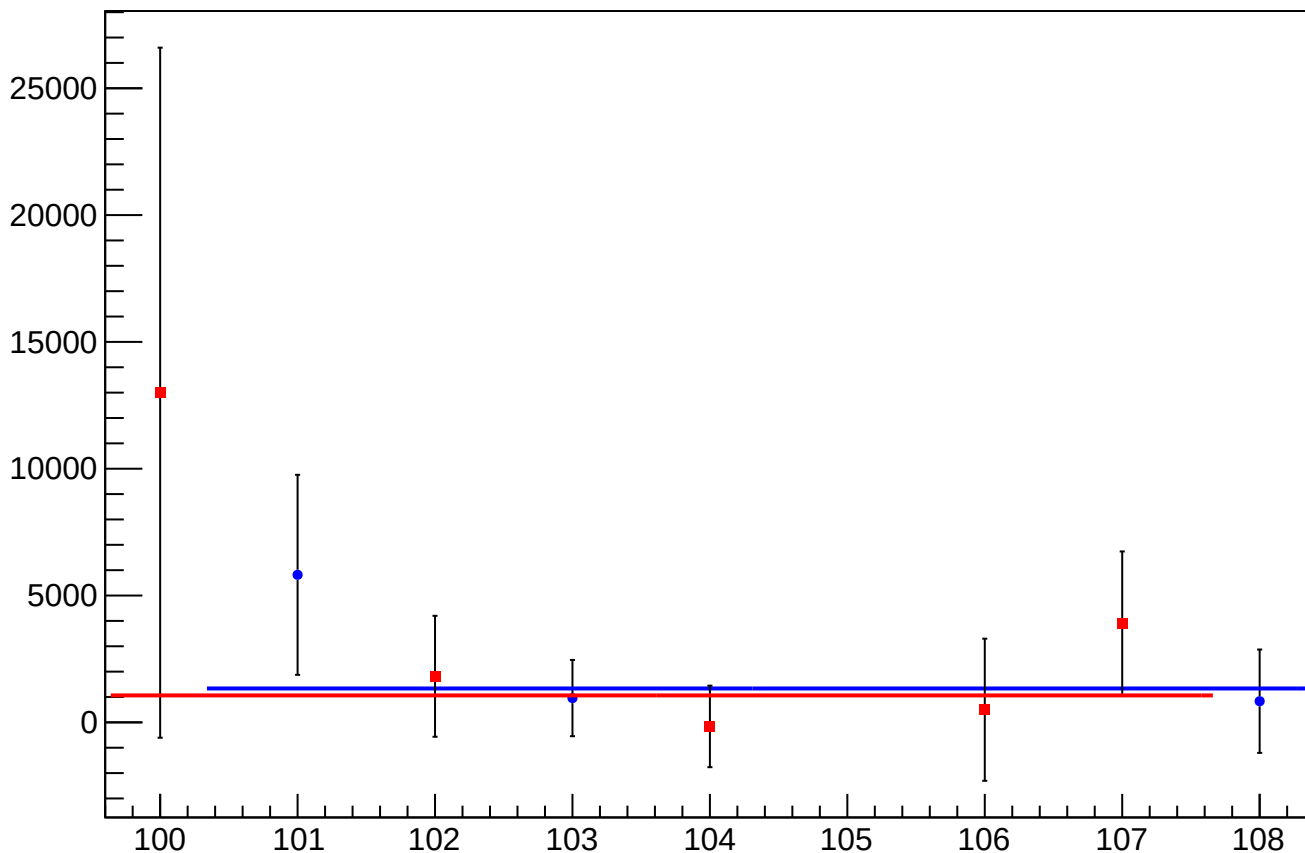
Right: 1683.182+/-0.765 χ^2/NDF : 1409625.1/7

In: 1769.941+/-1.139 χ^2/NDF : 868390.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1683.182+/-0.765 χ^2/NDF : 1409625.1/7

eigen_cor_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 1335.704+/-1156.640 χ^2/NDF : 1.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1062.273+/-1105.072 χ^2/NDF : 2.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

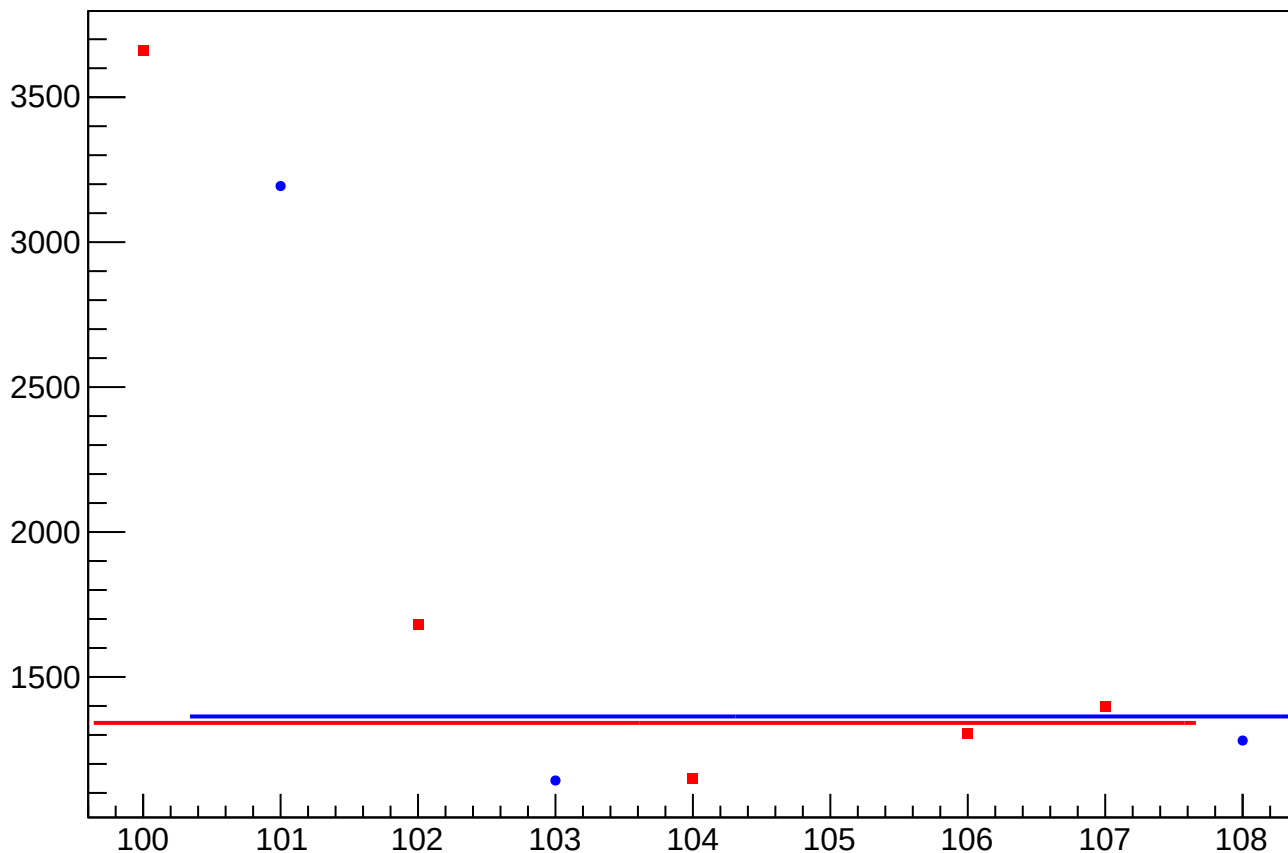
Right: 1192.757+/-799.013 χ^2/NDF : 3.9/7

In: 1335.704+/-1156.640 χ^2/NDF : 1.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1192.757+/-799.013 χ^2/NDF : 3.9/7

eigen_cor_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1363.740+/-0.818 χ^2/NDF : 477080.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1341.595+/-0.774 χ^2/NDF : 128069.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

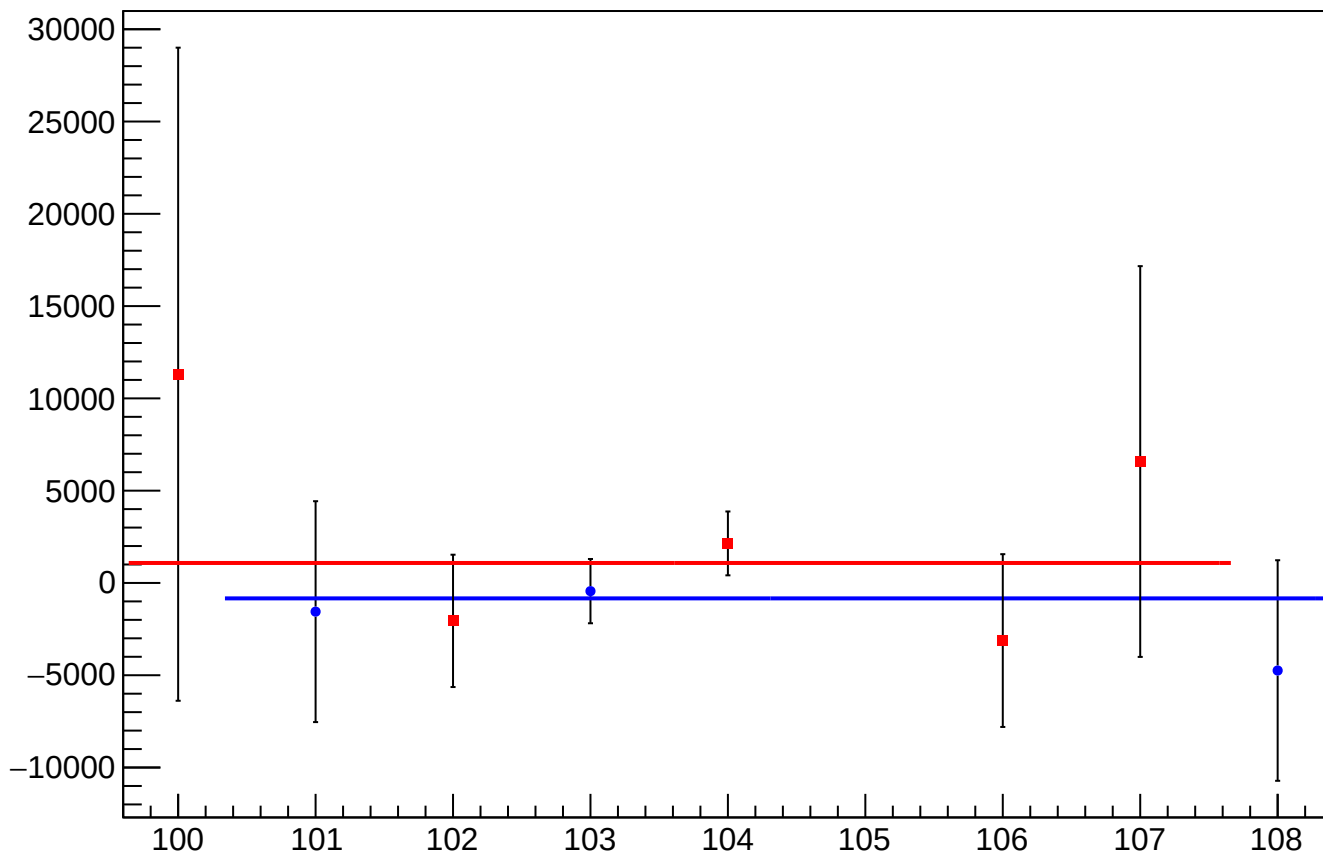
Right: 1352.058+/-0.562 χ^2/NDF : 605536.9/7

In: 1363.740+/-0.818 χ^2/NDF : 477080.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1352.058+/-0.562 χ^2/NDF : 605536.9/7

asym_atl_avg_atr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -836.218+/-1610.282 χ^2/NDF : 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1082.438+/-1459.053 χ^2/NDF : 2.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

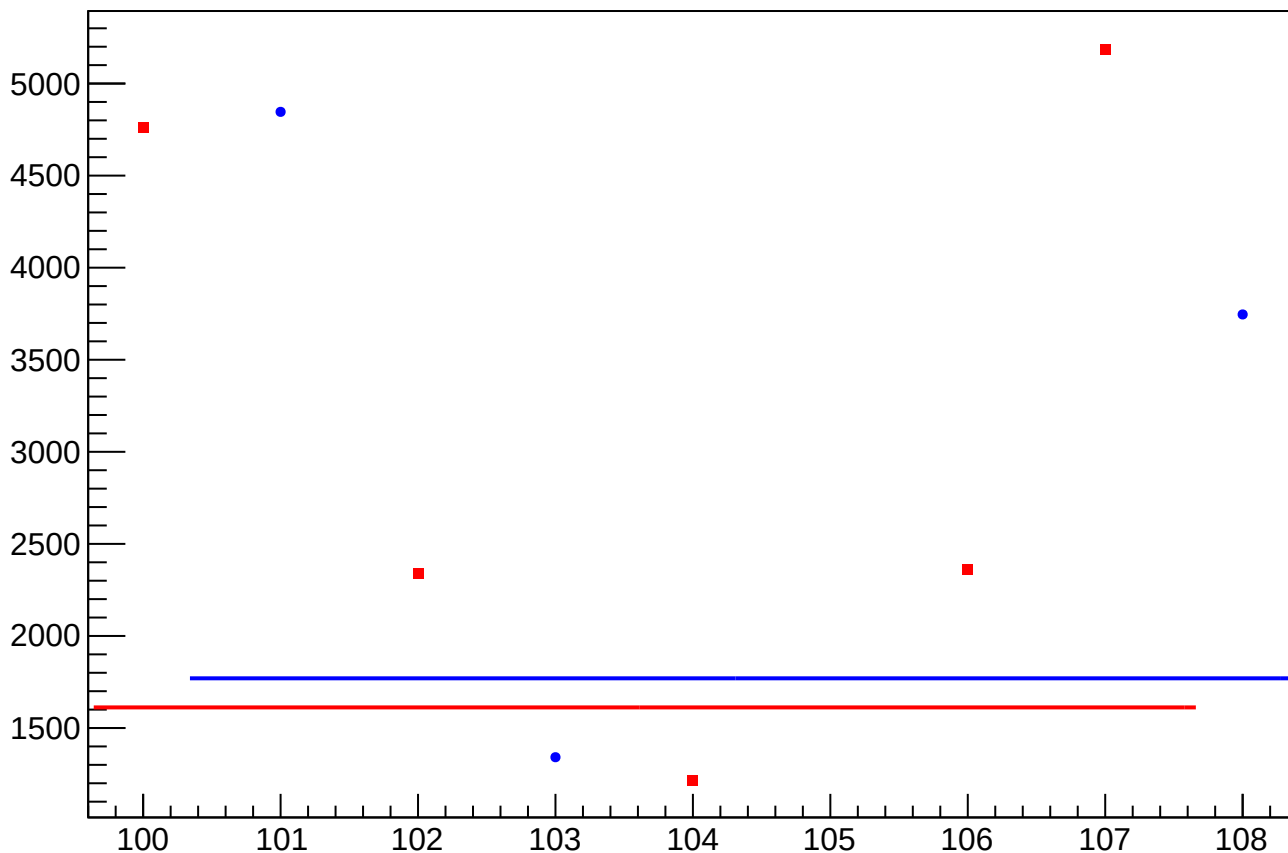
Right: 217.415+/-1081.228 χ^2/NDF : 3.8/7

In: -836.218+/-1610.282 χ^2/NDF : 0.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 217.415+/-1081.228 χ^2/NDF : 3.8/7

asym_atl_avg_atr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1769.941+/-1.139 χ^2/NDF : 868390.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1611.953+/-1.032 χ^2/NDF : 530662.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

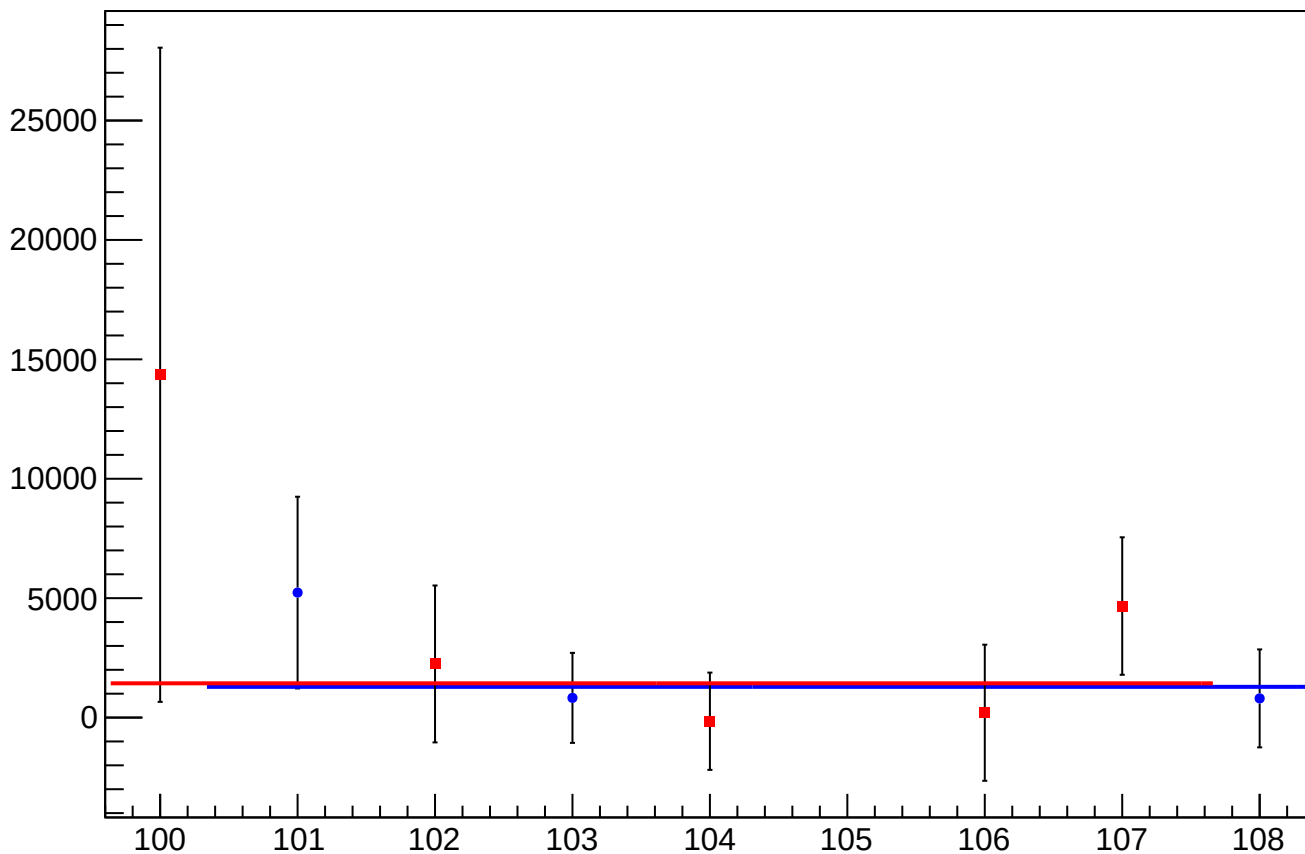
Right: 1683.182+/-0.765 χ^2/NDF : 1409625.1/7

In: 1769.941+/-1.139 χ^2/NDF : 868390.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1683.182+/-0.765 χ^2/NDF : 1409625.1/7

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 1286.805+/-1311.598 χ^2/NDF : 1.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1434.124+/-1309.767 χ^2/NDF : 3.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

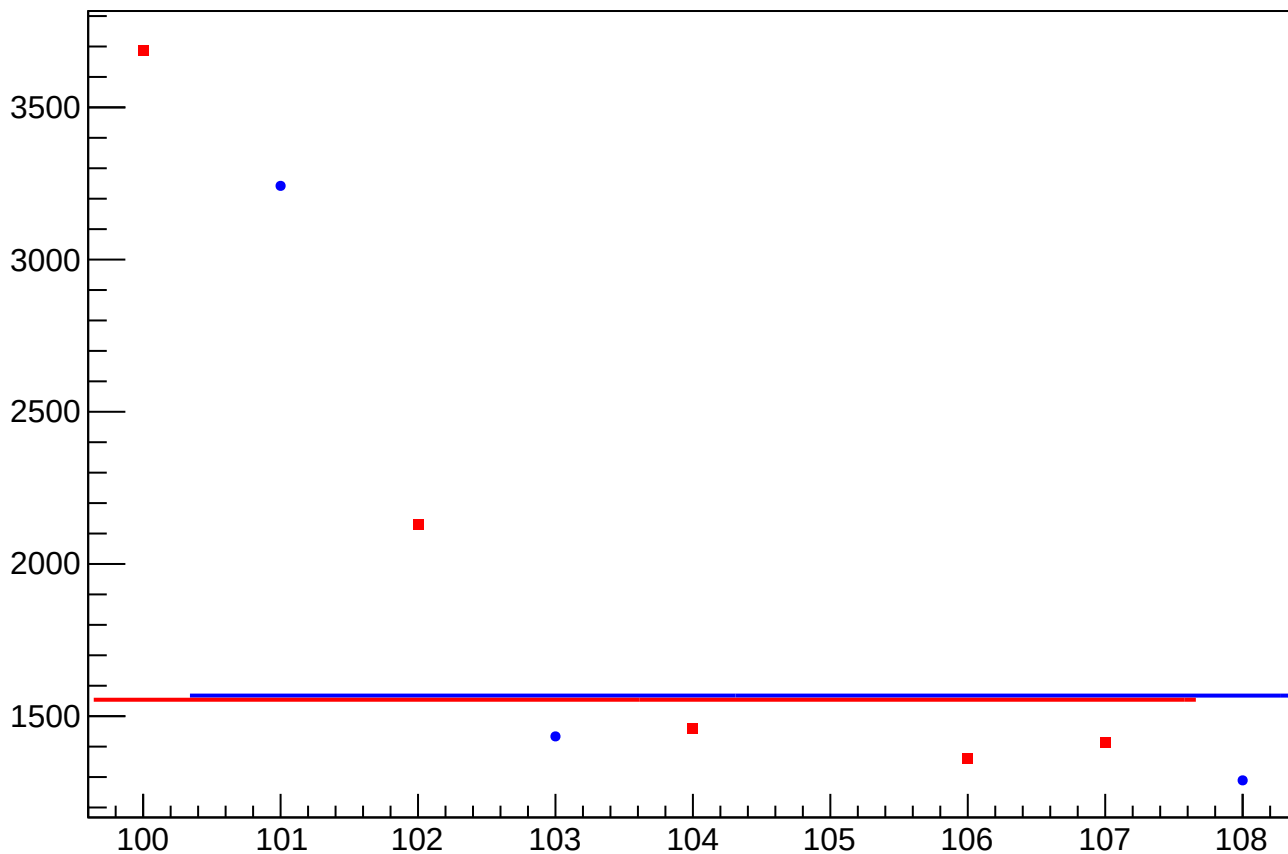
Right: 1360.568+/-926.792 χ^2/NDF : 4.1/7

In: 1286.805+/-1311.598 χ^2/NDF : 1.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1360.568+/-926.792 χ^2/NDF : 4.1/7

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1567.605+/-0.927 χ^2/NDF : 395089.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1553.991+/-0.922 χ^2/NDF : 129016.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

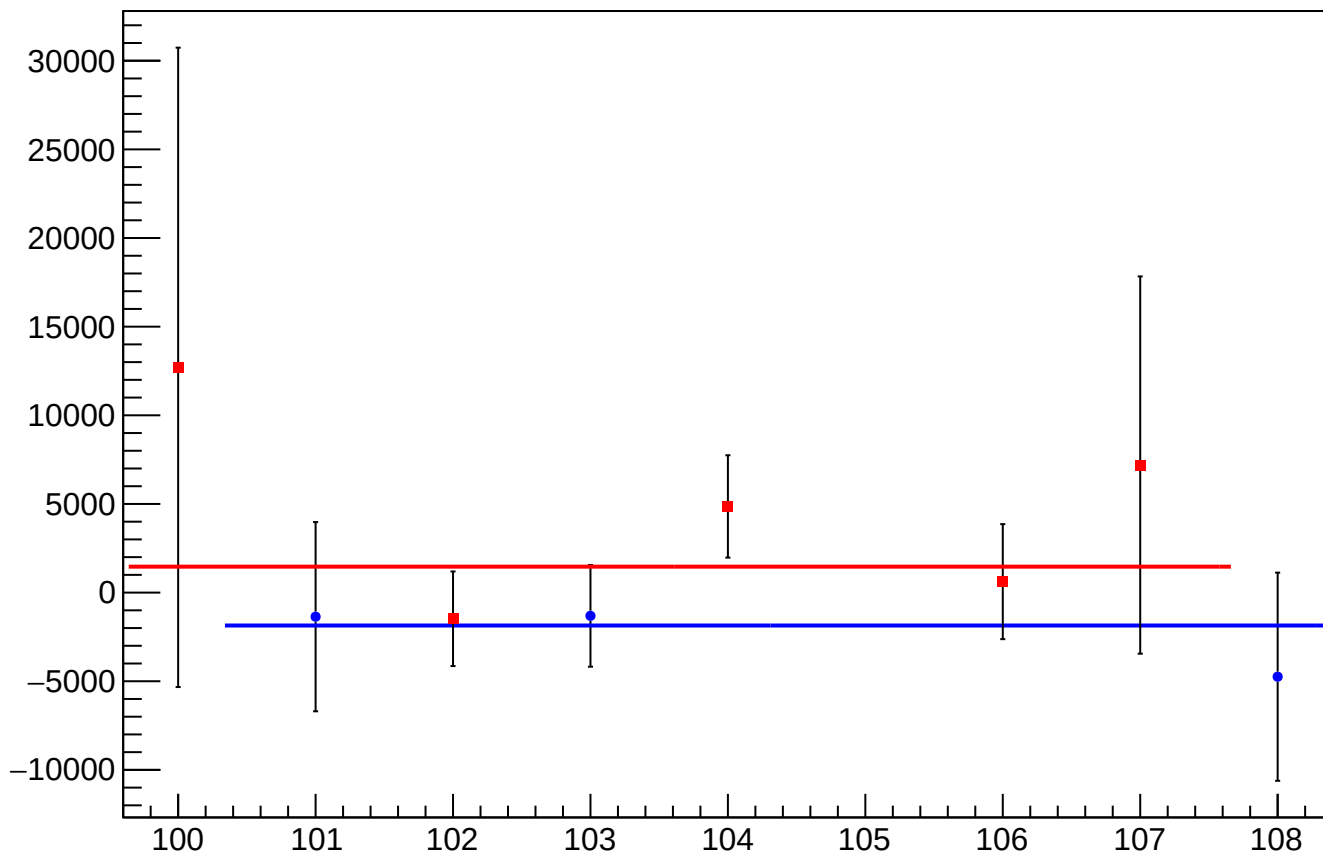
Right: 1560.760+/-0.654 χ^2/NDF : 524213.5/7

In: 1567.605+/-0.927 χ^2/NDF : 395089.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1560.760+/-0.654 χ^2/NDF : 524213.5/7

asym_atl_avg_atr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1856.652+/-2321.279 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1462.987+/-1649.782 χ^2/NDF : 3.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

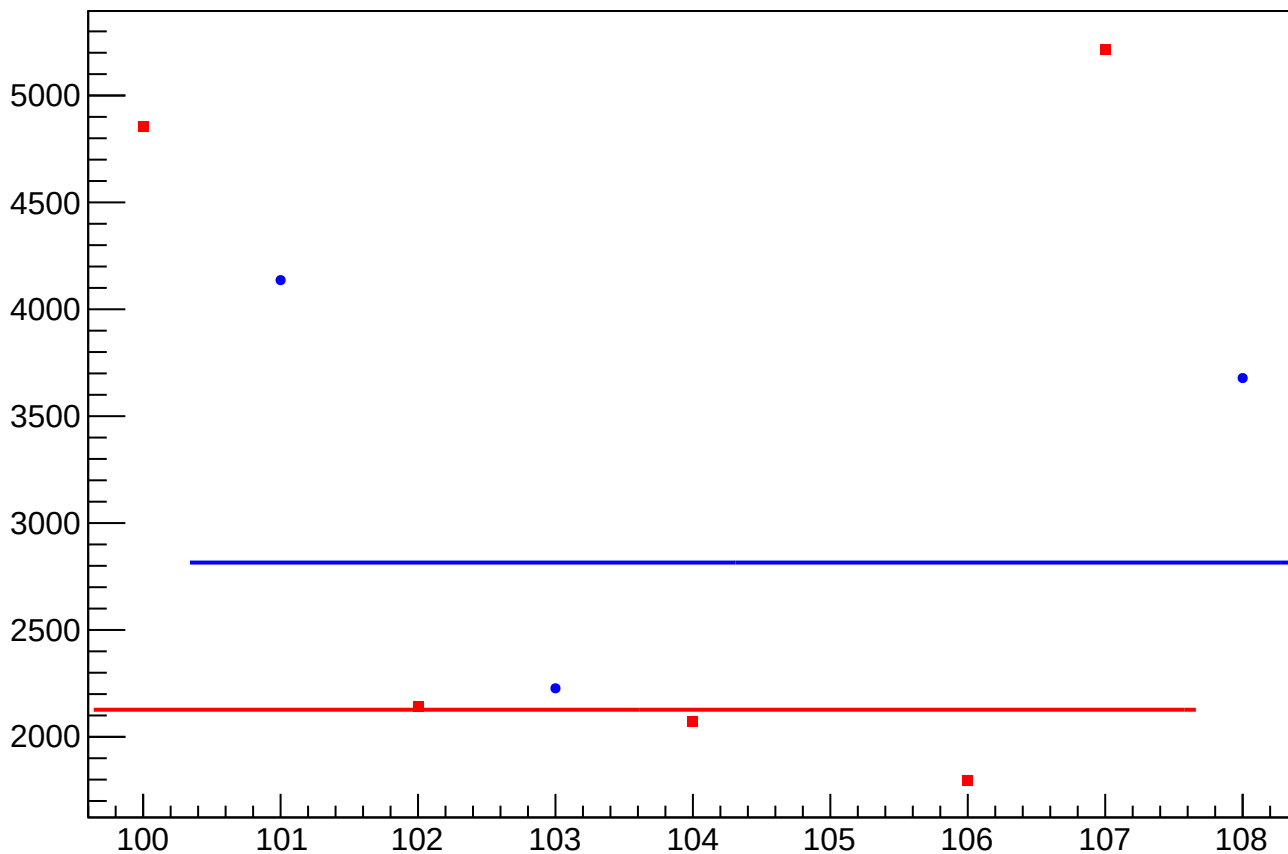
Right: 348.906+/-1344.746 χ^2/NDF : 5.0/7

In: -1856.652+/-2321.279 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 348.906+/-1344.746 χ^2/NDF : 5.0/7

asym_atl_avg_atr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2815.251+/-1.641 χ^2/NDF : 249846.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2126.815+/-1.167 χ^2/NDF : 235848.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

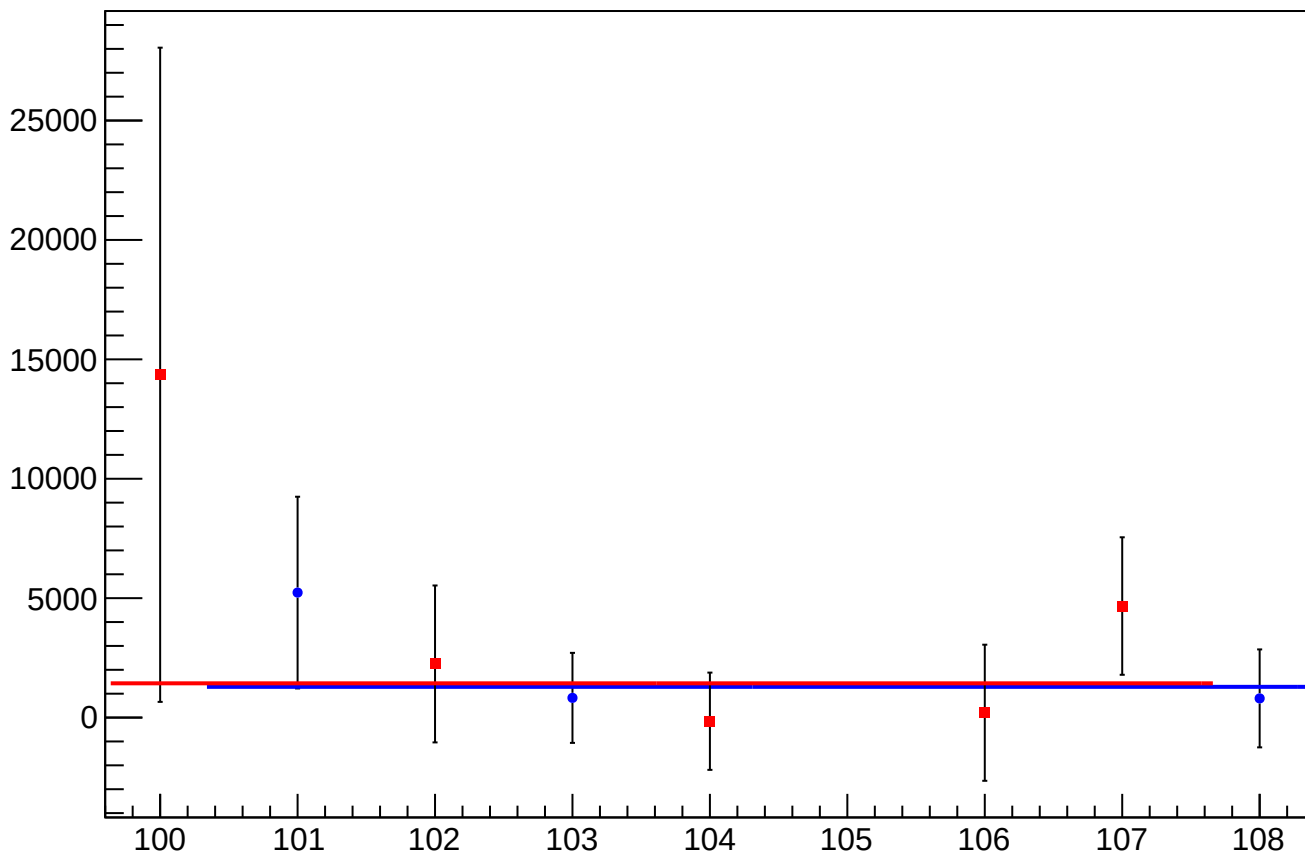
Right: 2357.856+/-0.951 χ^2/NDF : 602572.0/7

In: 2815.251+/-1.641 χ^2/NDF : 249846.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2357.856+/-0.951 χ^2/NDF : 602572.0/7

eigen_dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 1286.805 $\pm$ 1311.597 χ^2 /NDF: 1.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1434.118 $\pm$ 1309.765 χ^2 /NDF: 3.0/4

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

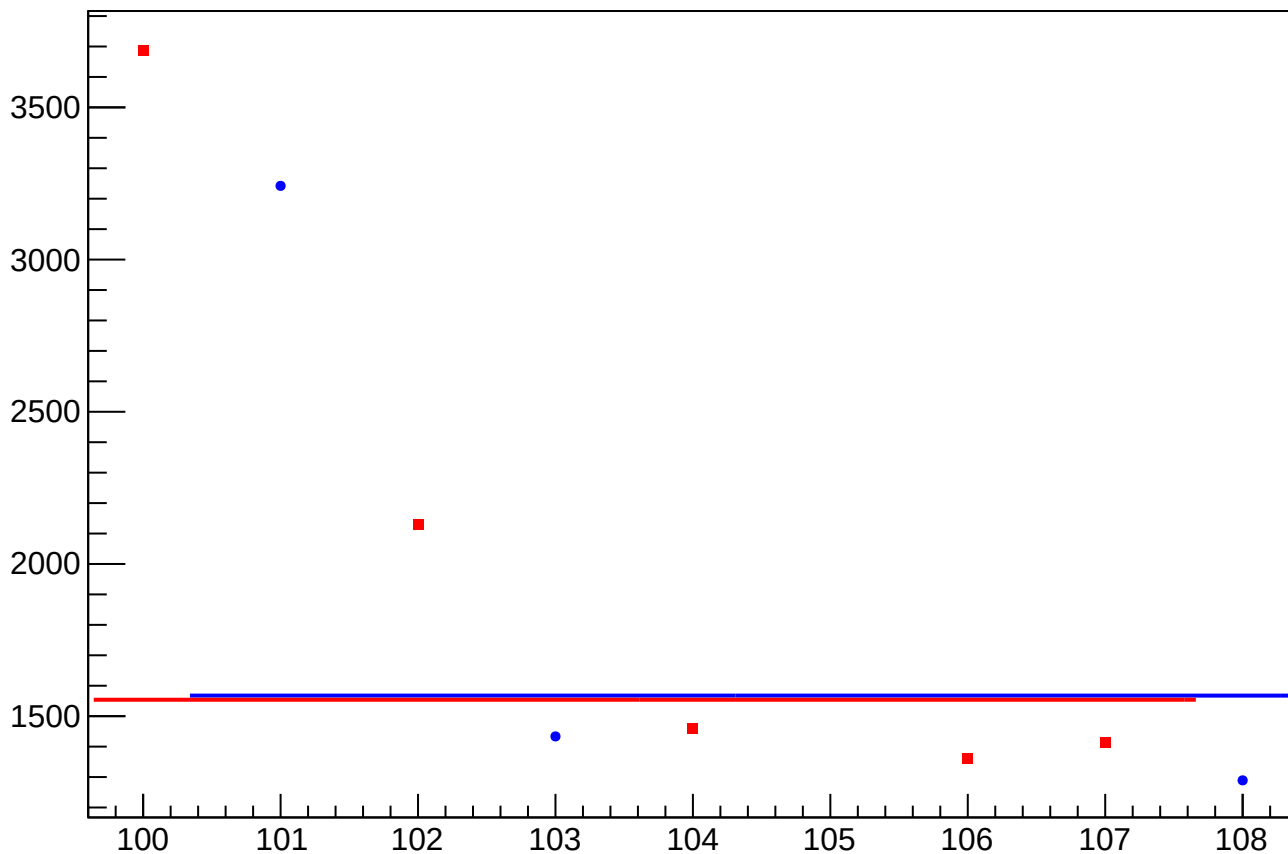
Right: 1360.565 $\pm$ 926.791 χ^2 /NDF: 4.1/7

In: 1286.805 $\pm$ 1311.597 χ^2 /NDF:1.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1360.565 $\pm$ 926.791 χ^2 /NDF: 4.1/7

eigen_dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1567.604+/-0.927 χ^2/NDF : 395089.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1553.990+/-0.922 χ^2/NDF : 129015.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

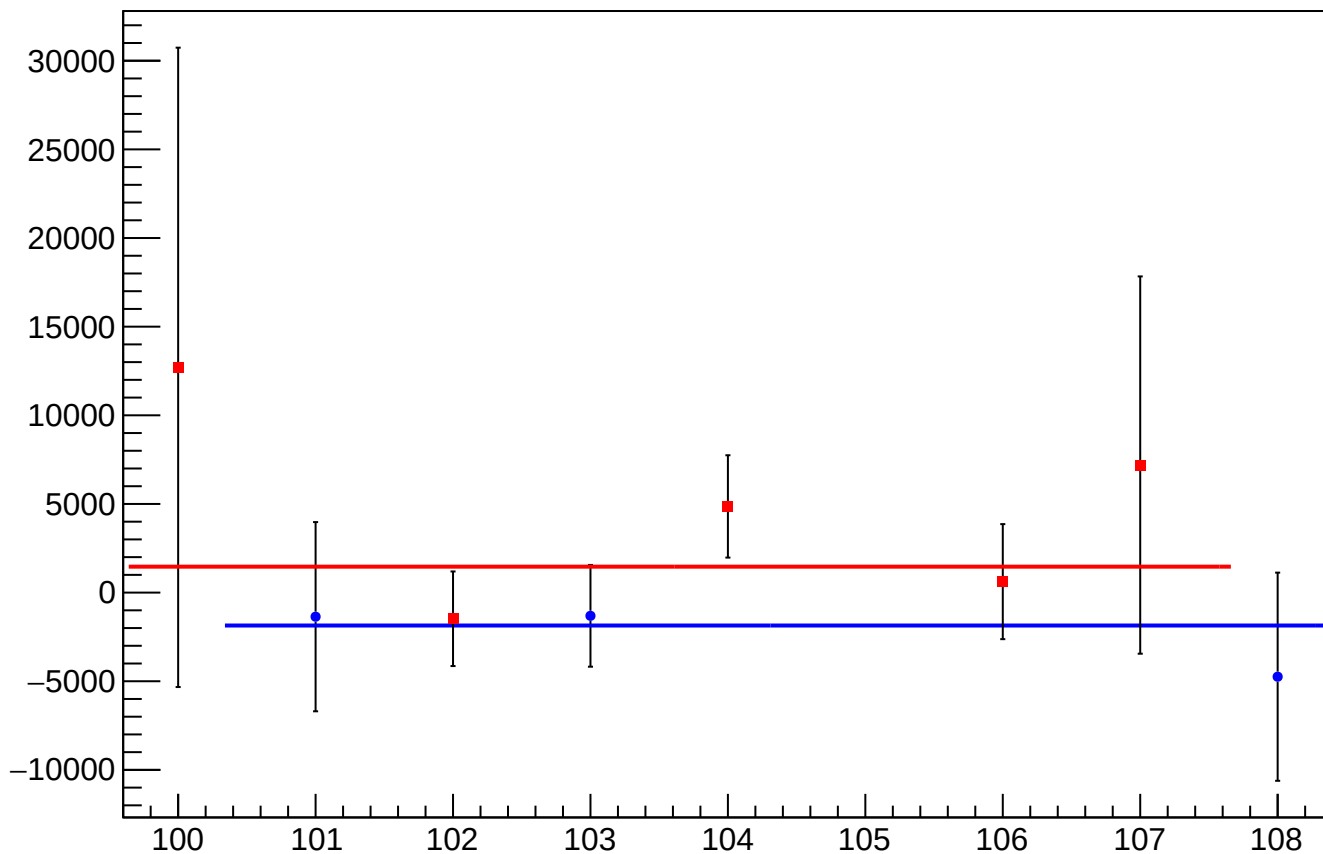
Right: 1560.759+/-0.654 χ^2/NDF : 524213.4/7

In: 1567.604+/-0.927 χ^2/NDF : 395089.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1560.759+/-0.654 χ^2/NDF : 524213.4/7

asym_atl_avg_atr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1856.653+/-2321.275 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1462.985+/-1649.777 χ^2/NDF : 3.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

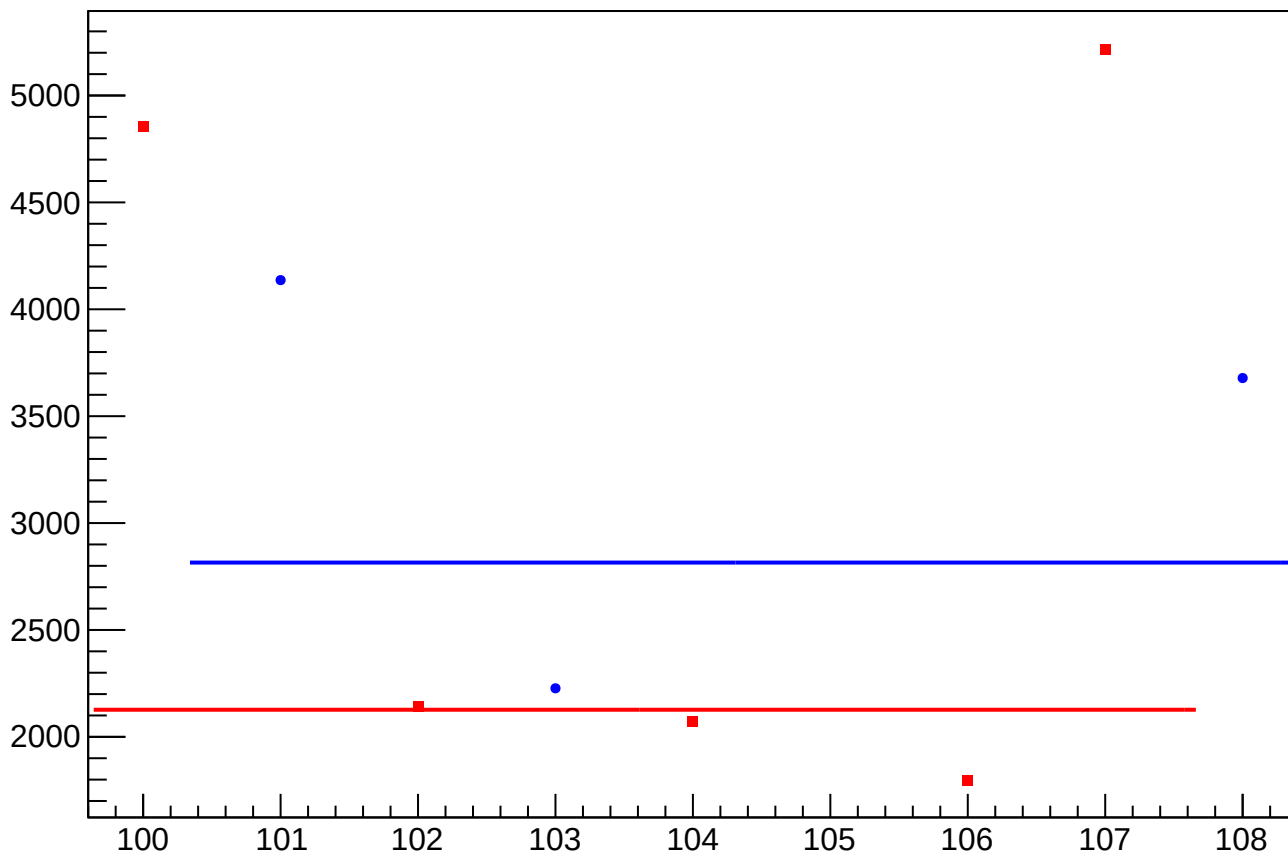
Right: 348.906+/-1344.743 χ^2/NDF : 5.0/7

In: -1856.653+/-2321.275 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 348.906+/-1344.743 χ^2/NDF : 5.0/7

asym_atl_avg_atr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2815.245+/-1.641 χ^2/NDF : 249846.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2126.809+/-1.167 χ^2/NDF : 235849.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

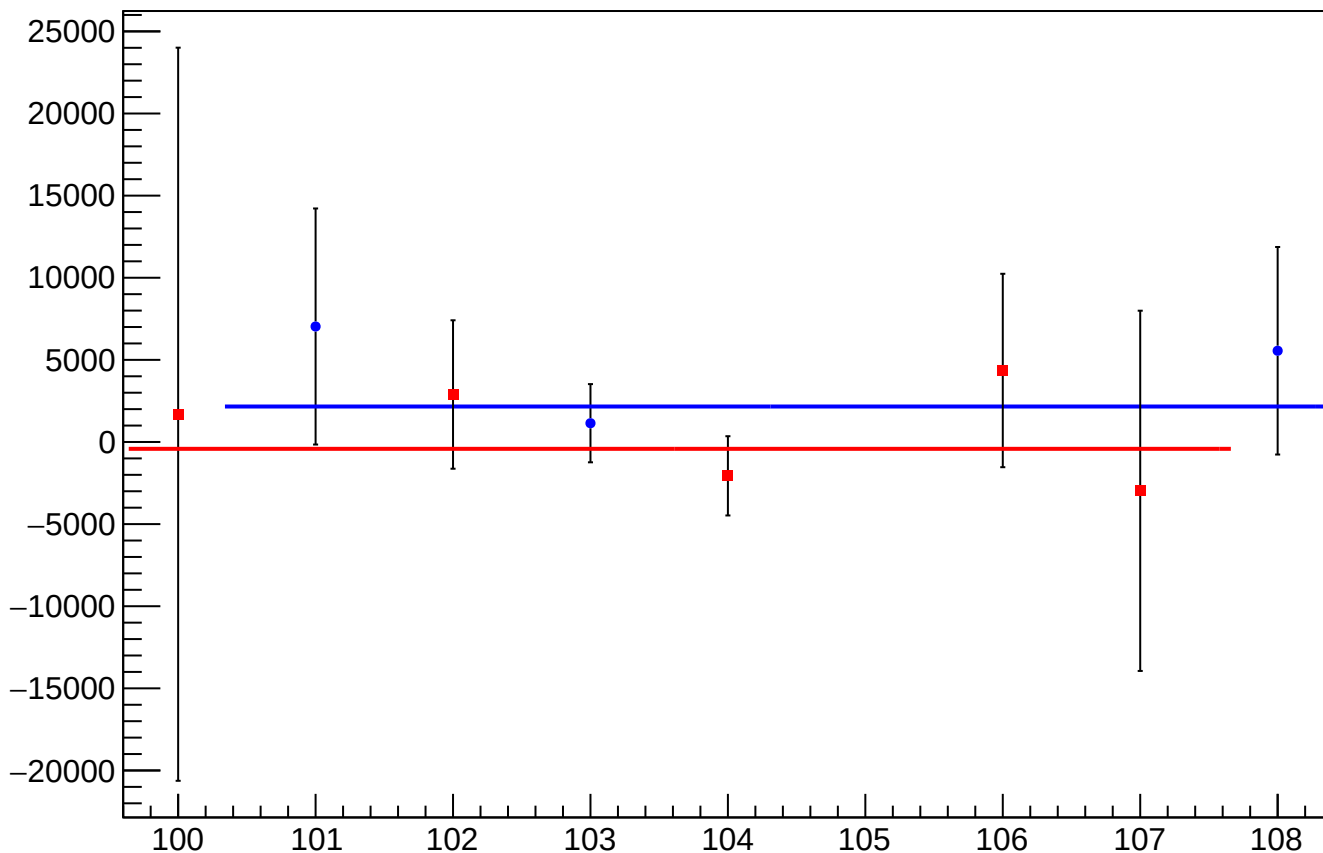
Right: 2357.850+/-0.951 χ^2/NDF : 602574.3/7

In: 2815.245+/-1.641 χ^2/NDF : 249846.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2357.850+/-0.951 χ^2/NDF : 602574.3/7

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2160.099+/-2128.285 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -416.610+/-1961.521 χ^2/NDF : 1.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

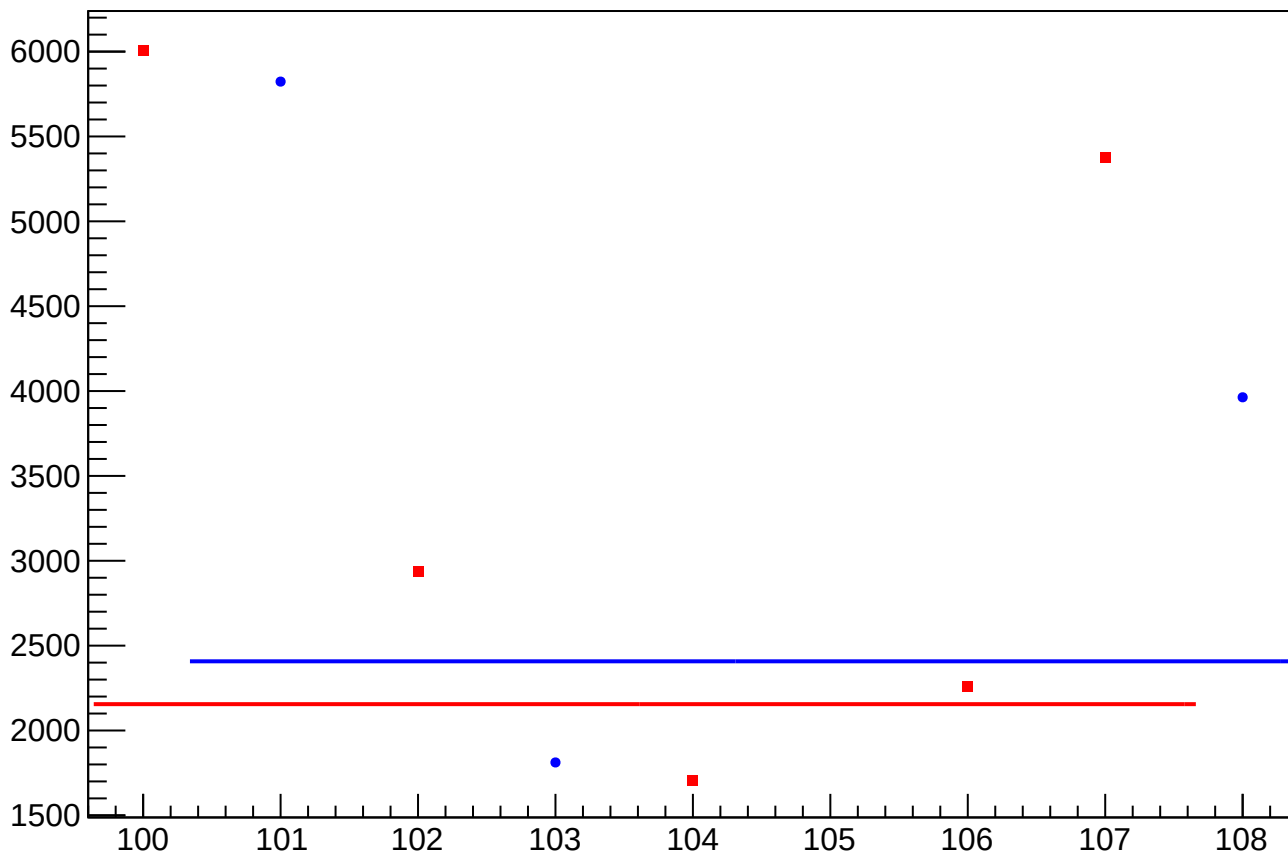
Right: 766.852+/-1442.362 χ^2/NDF : 3.4/7

In: 2160.099+/-2128.285 χ^2/NDF : 0.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 766.852+/-1442.362 χ^2/NDF : 3.4/7

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2407.662+/-1.505 χ^2/NDF : 698244.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2155.262+/-1.347 χ^2/NDF : 362108.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

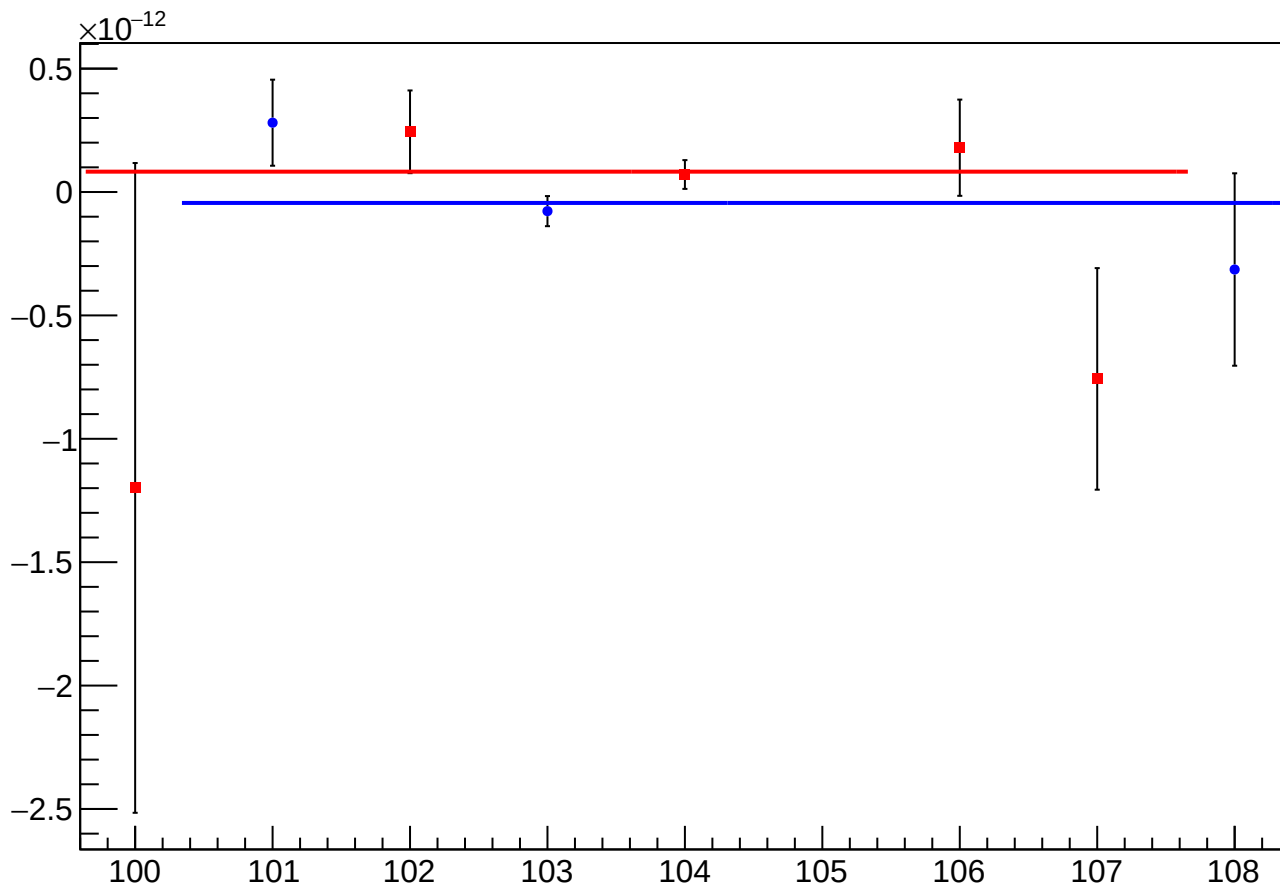
Right: 2267.544+/-1.004 χ^2/NDF : 1075969.0/7

In: 2407.662+/-1.505 χ^2/NDF : 698244.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2267.544+/-1.004 χ^2/NDF : 1075969.0/7

asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

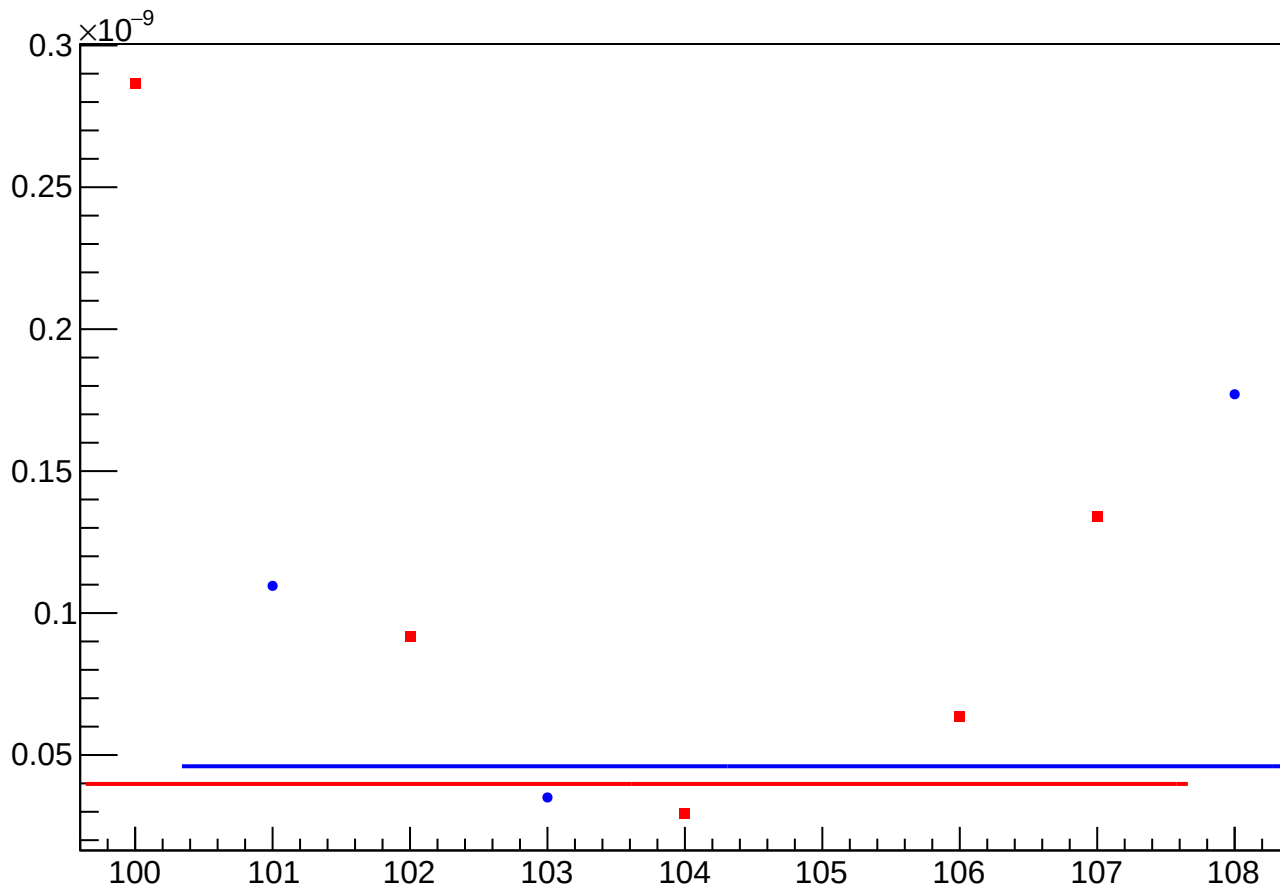
Right: 0.000+/-0.000 χ^2/NDF : 12.6/7

In: -0.000+/-0.000 χ^2/NDF : 4.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.6/7

asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 556441.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 443975.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

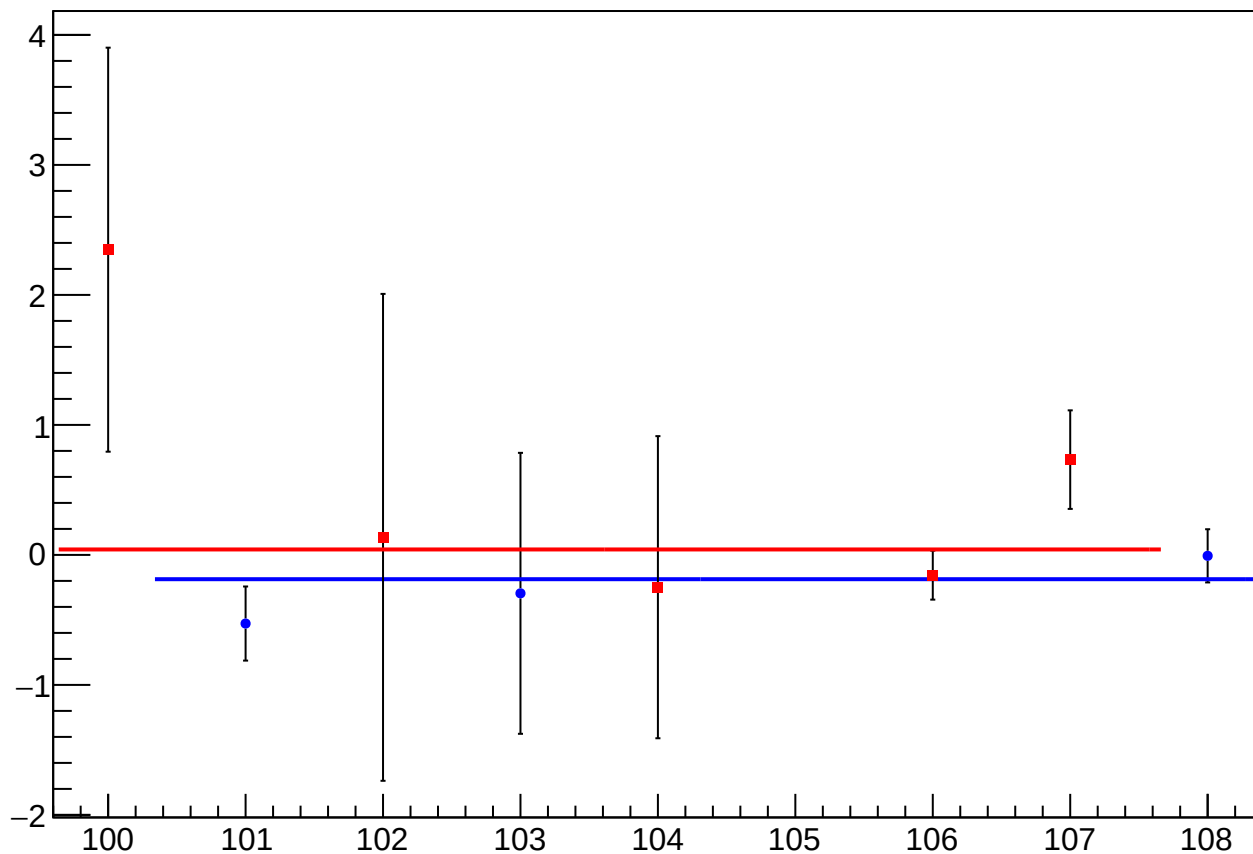
Right: 0.000+/-0.000 χ^2/NDF : 1013309.1/7

In: 0.000+/-0.000 χ^2/NDF : 556441.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1013309.1/7

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.187 $\pm$ 0.164 χ^2 /NDF: 2.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.042 $\pm$ 0.165 χ^2 /NDF: 6.7/4

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

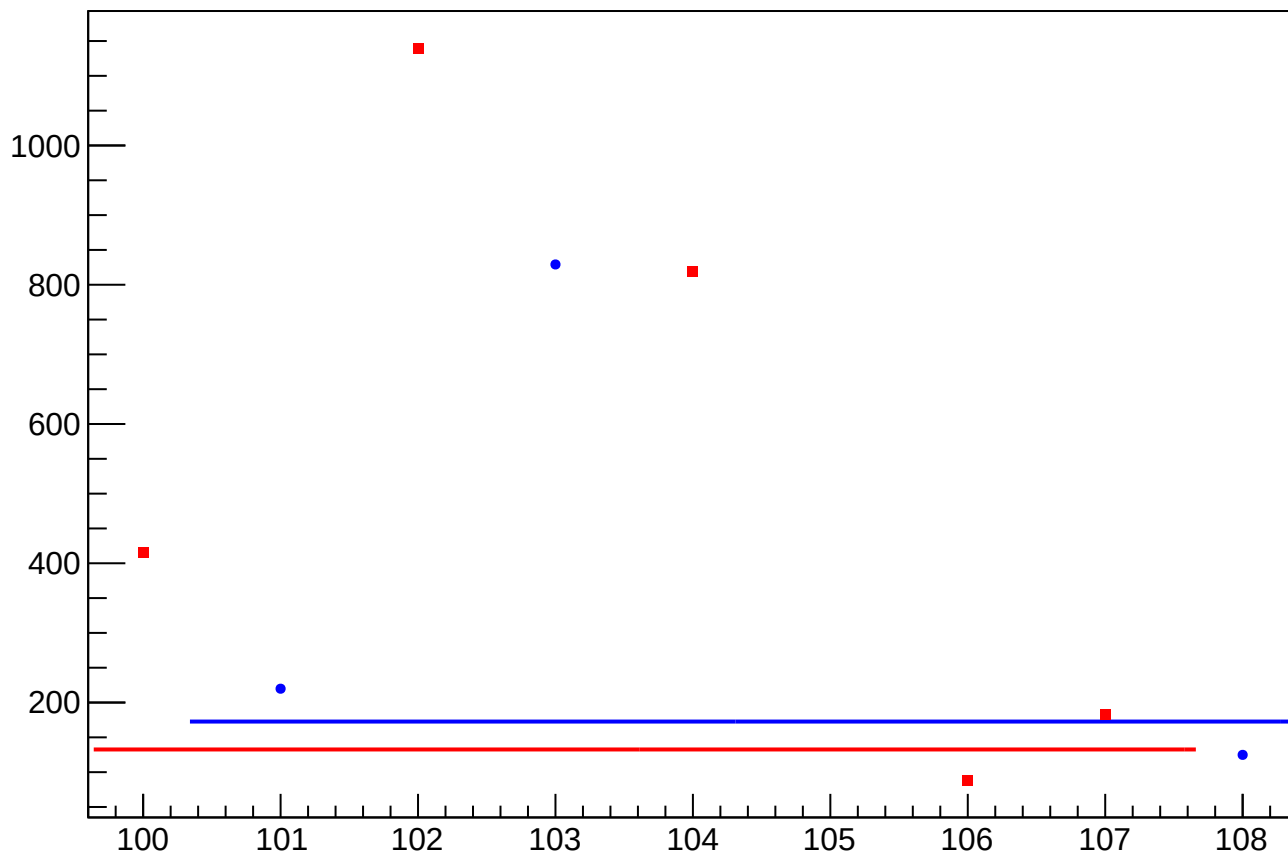
Right: -0.073 $\pm$ 0.117 χ^2 /NDF: 9.9/7

In: -0.187 $\pm$ 0.164 χ^2 /NDF:2.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.073 $\pm$ 0.117 χ^2 /NDF: 9.9/7

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 172.684+/-0.116 χ^2/NDF : 902091.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 132.594+/-0.117 χ^2/NDF : 1490291.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

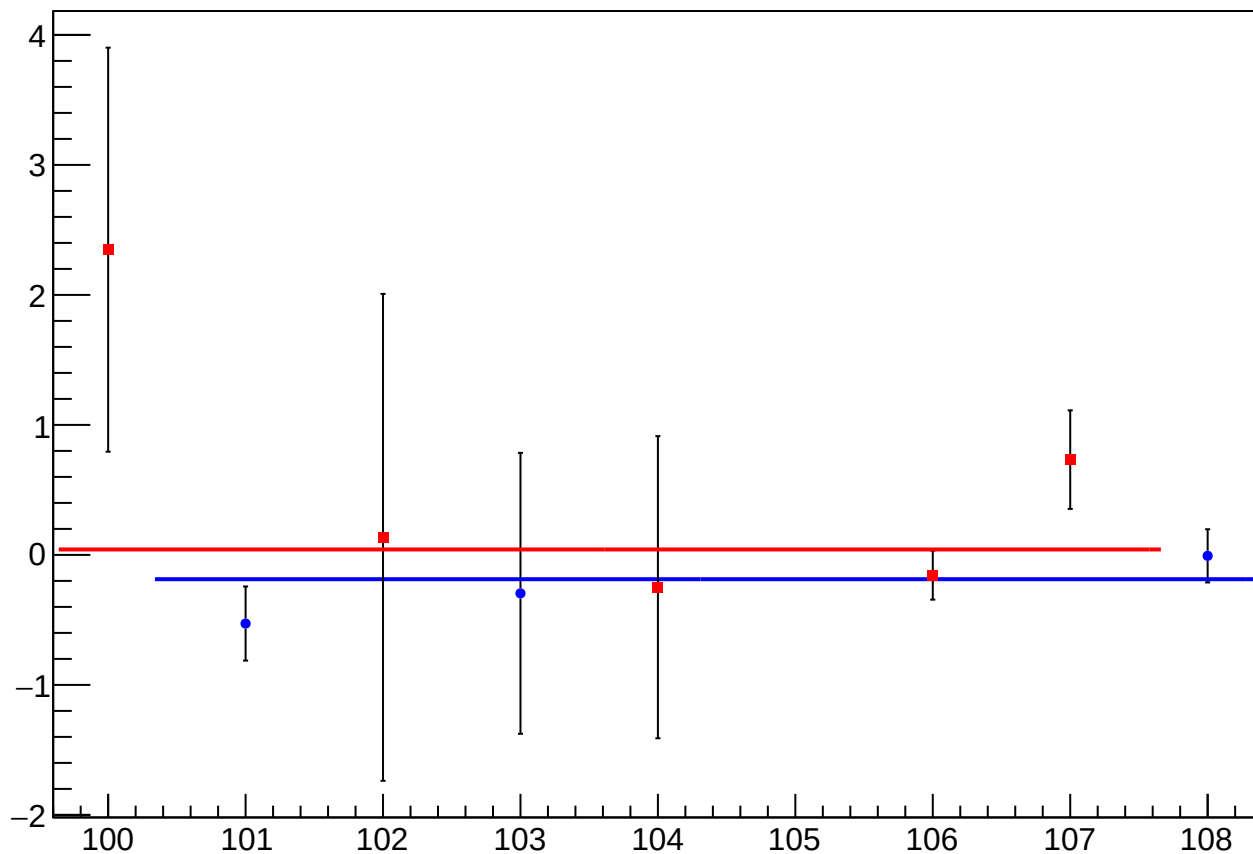
Right: 152.760+/-0.082 χ^2/NDF : 2451570.6/7

In: 172.684+/-0.116 χ^2/NDF : 902091.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.760+/-0.082 χ^2/NDF : 2451570.6/7

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.187 $\pm$ 0.164 χ^2 /NDF: 2.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.042 $\pm$ 0.165 χ^2 /NDF: 6.7/4

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

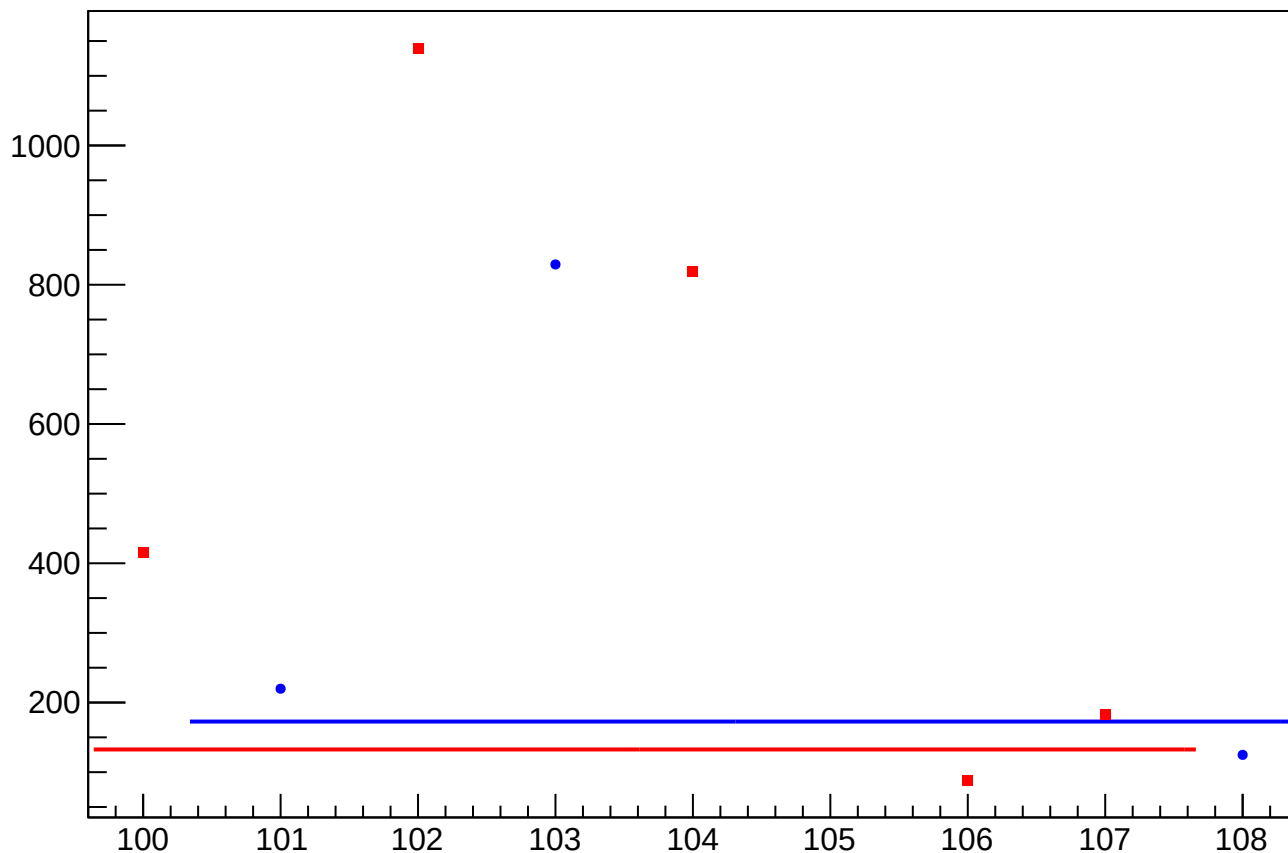
Right: -0.073 $\pm$ 0.117 χ^2 /NDF: 9.9/7

In: -0.187 $\pm$ 0.164 χ^2 /NDF:2.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.073 $\pm$ 0.117 χ^2 /NDF: 9.9/7

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 172.684+/-0.116 χ^2/NDF : 902091.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 132.594+/-0.117 χ^2/NDF : 1490291.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

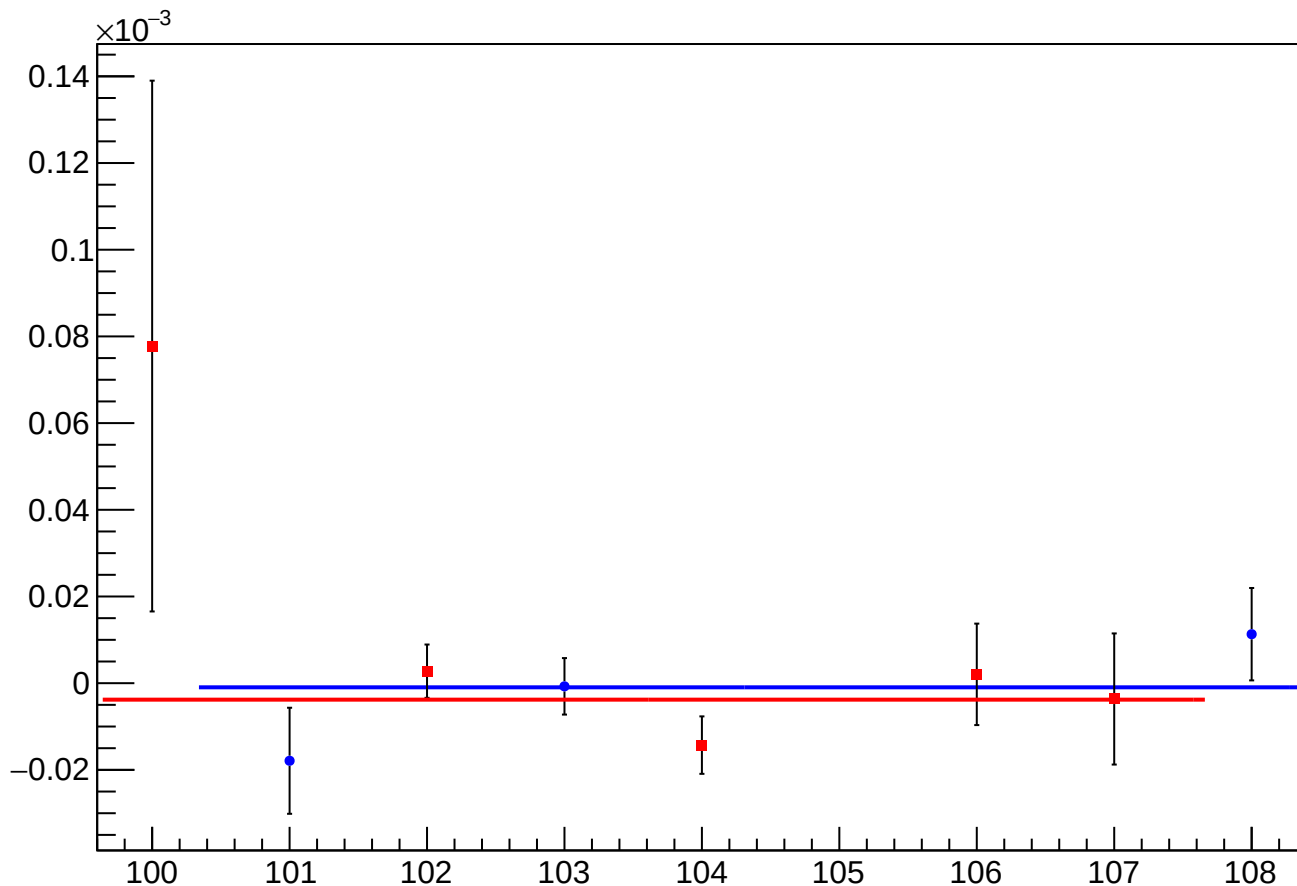
Right: 152.760+/-0.082 χ^2/NDF : 2451570.6/7

In: 172.684+/-0.116 χ^2/NDF : 902091.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.760+/-0.082 χ^2/NDF : 2451570.6/7

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 : 3.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

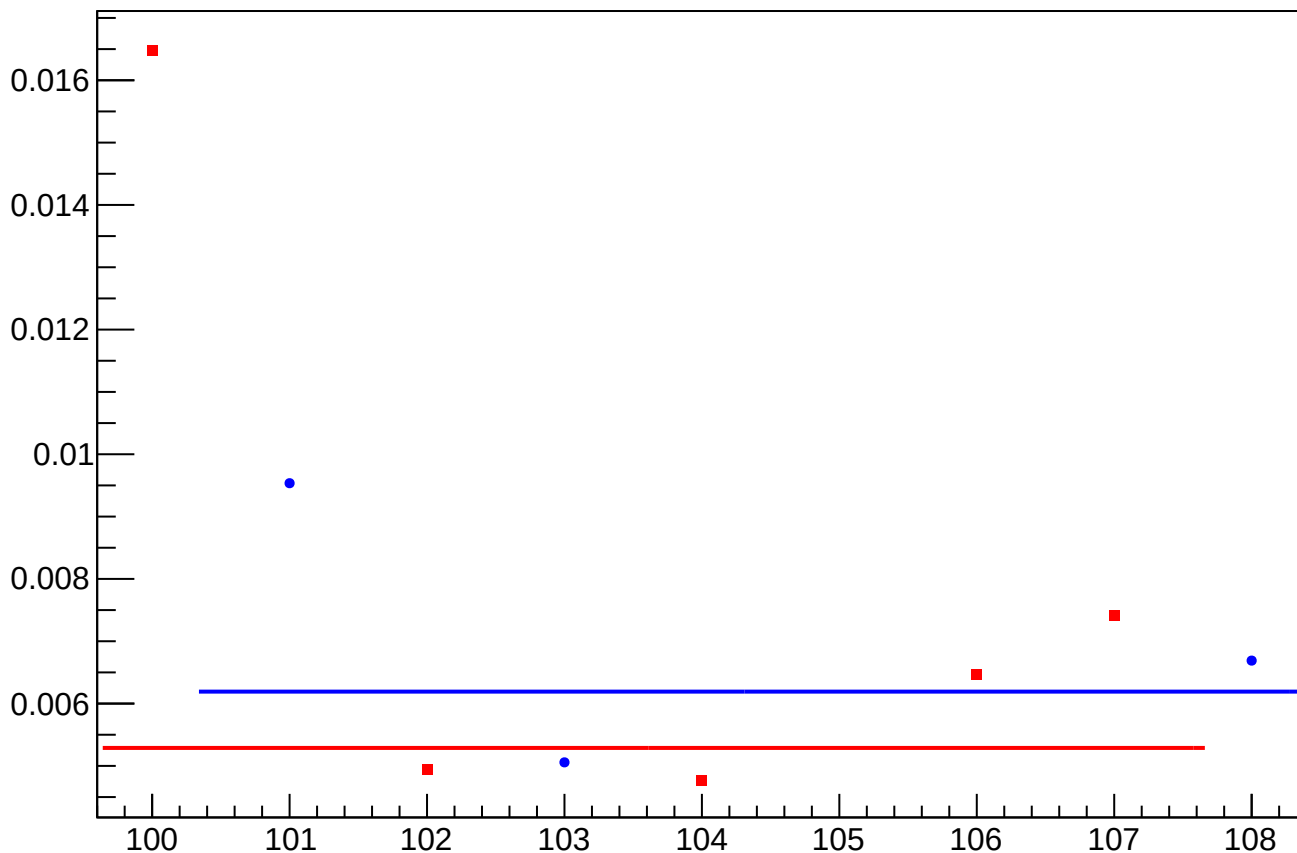
Right: -0.000+/-0.000 χ^2/NDF : 9.1/7

In: -0.000+/-0.000 χ^2/NDF : 3.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.1/7

asym_atl_avg_atr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 214474.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 145225.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

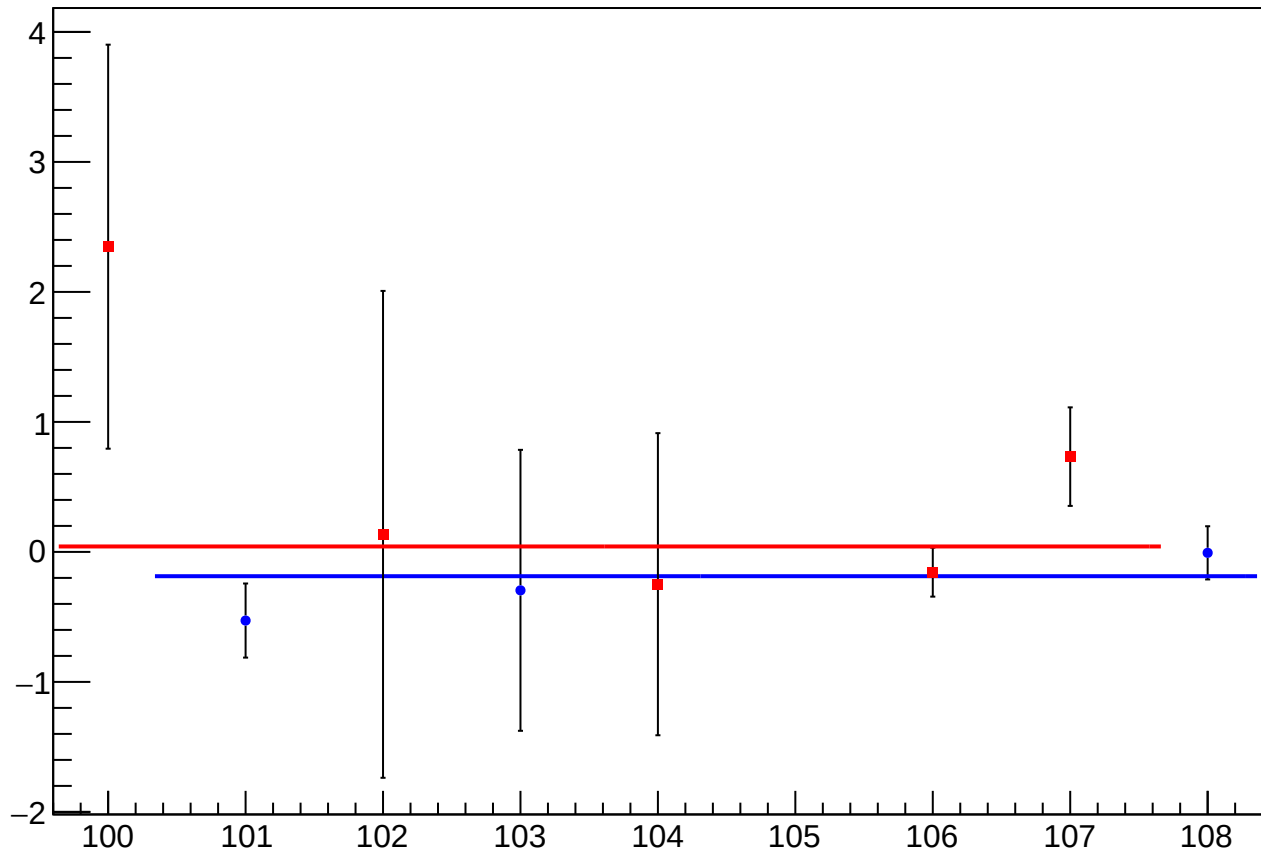
Right: 0.006+/-0.000 χ^2/NDF : 398595.3/7

In: 0.006+/-0.000 χ^2/NDF : 214474.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 398595.3/7

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.187 $\pm$ 0.164 χ^2 /NDF: 2.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.042 $\pm$ 0.165 χ^2 /NDF: 6.7/4

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

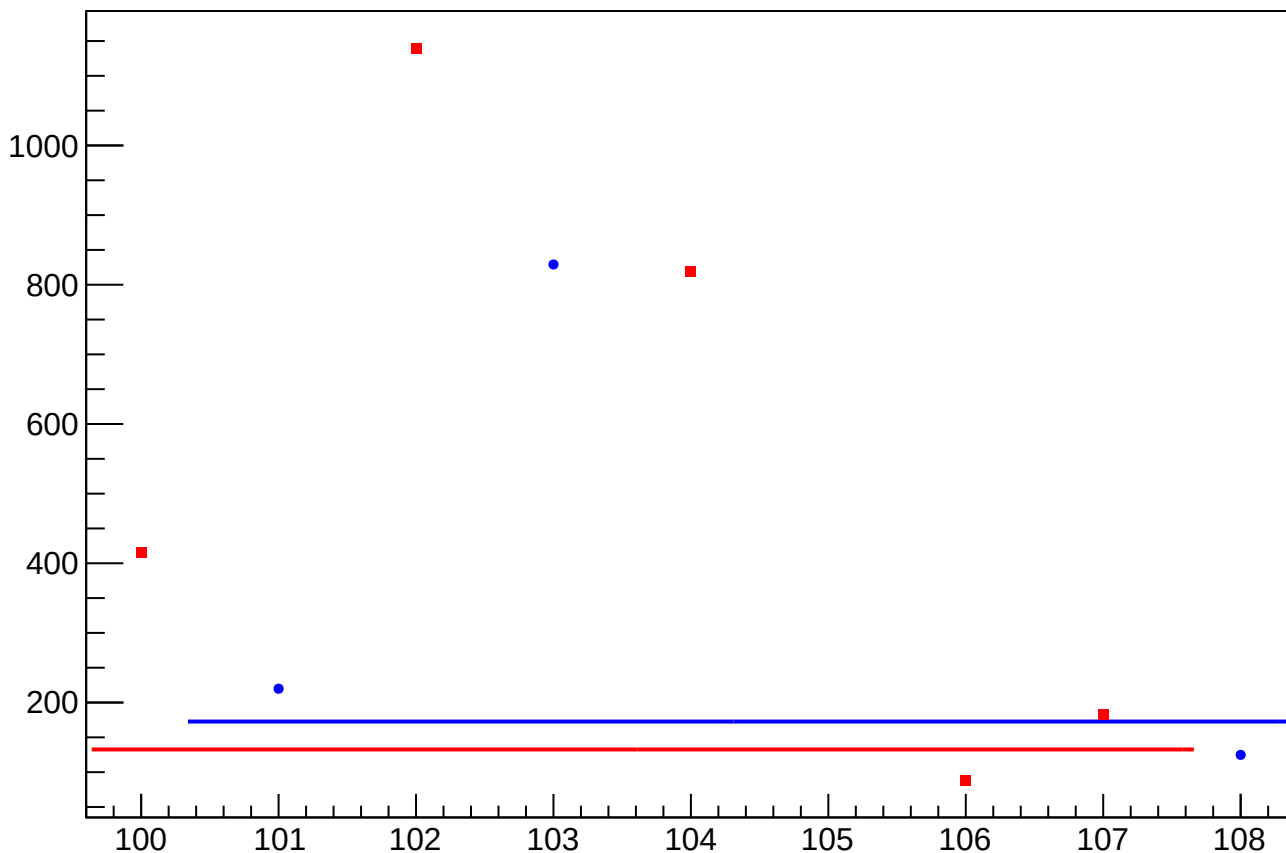
Right: -0.073 $\pm$ 0.117 χ^2 /NDF: 9.9/7

In: -0.187 $\pm$ 0.164 χ^2 /NDF:2.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.073 $\pm$ 0.117 χ^2 /NDF: 9.9/7

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 172.687+/-0.116 χ^2/NDF : 902070.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 132.592+/-0.117 χ^2/NDF : 1490301.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

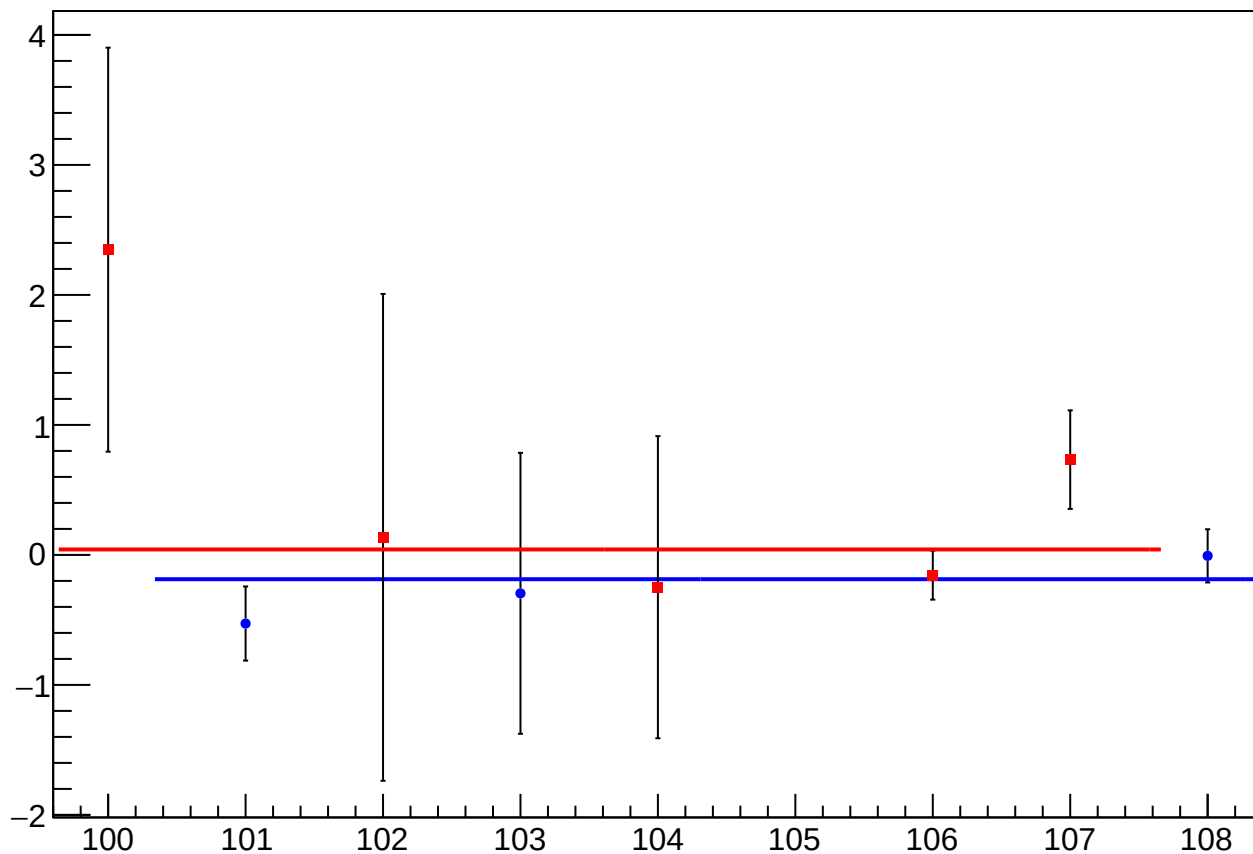
Right: 152.759+/-0.082 χ^2/NDF : 2451575.8/7

In: 172.687+/-0.116 χ^2/NDF : 902070.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.759+/-0.082 χ^2/NDF : 2451575.8/7

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.187 $\pm$ 0.164 χ^2 /NDF: 2.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.042 $\pm$ 0.165 χ^2 /NDF: 6.7/4

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

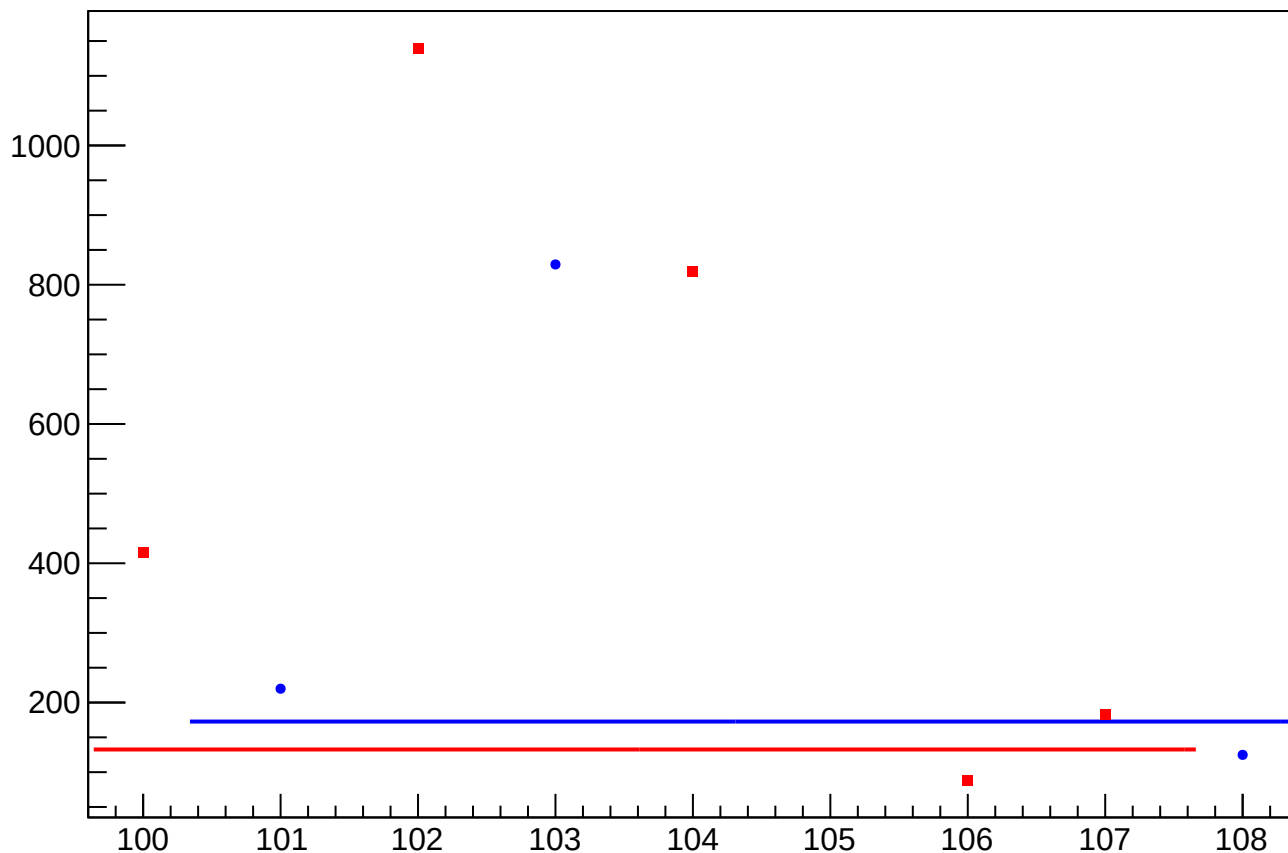
Right: -0.073 $\pm$ 0.117 χ^2 /NDF: 9.9/7

In: -0.187 $\pm$ 0.164 χ^2 /NDF:2.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.073 $\pm$ 0.117 χ^2 /NDF: 9.9/7

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 172.687+/-0.116 χ^2/NDF : 902070.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 132.592+/-0.117 χ^2/NDF : 1490301.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

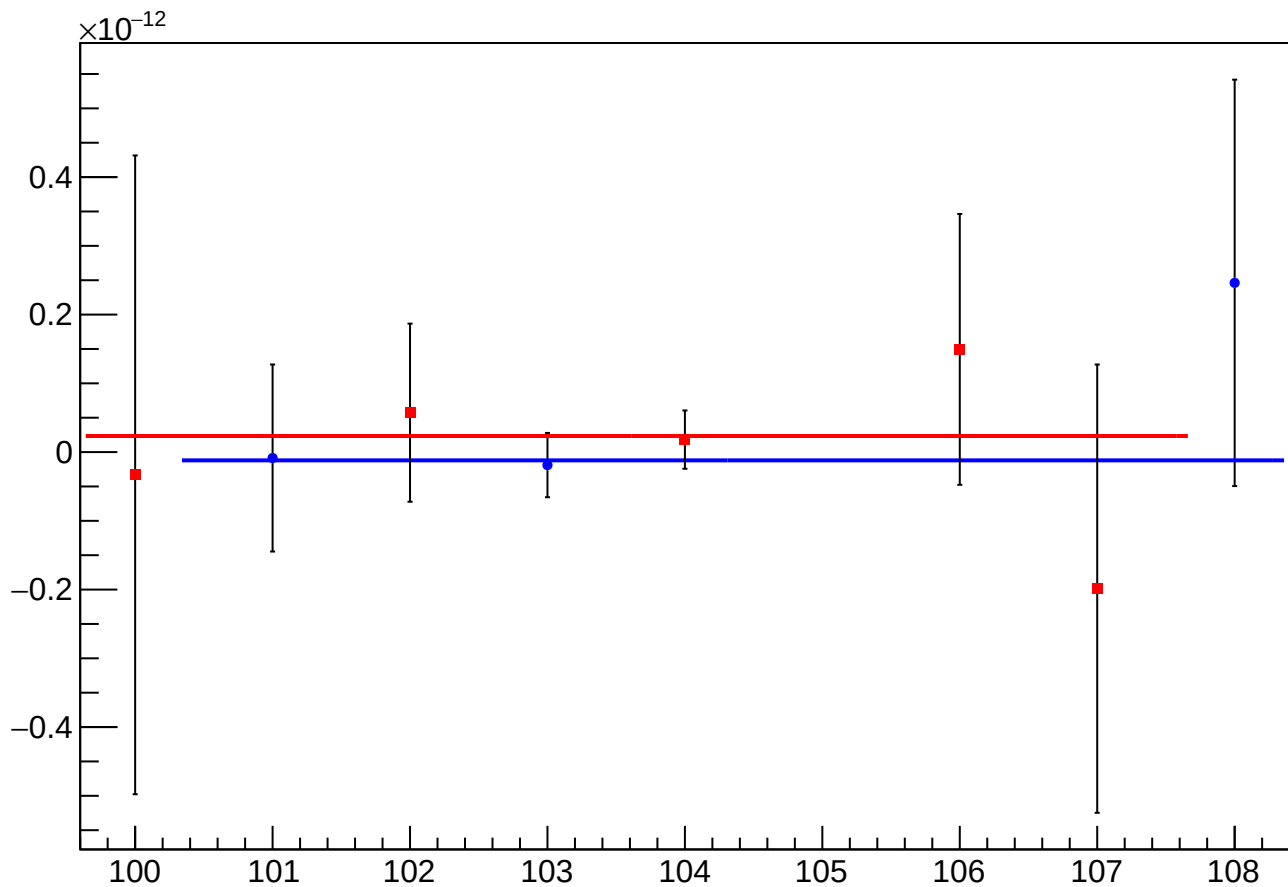
Right: 152.759+/-0.082 χ^2/NDF : 2451575.8/7

In: 172.687+/-0.116 χ^2/NDF : 902070.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.759+/-0.082 χ^2/NDF : 2451575.8/7

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 : 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

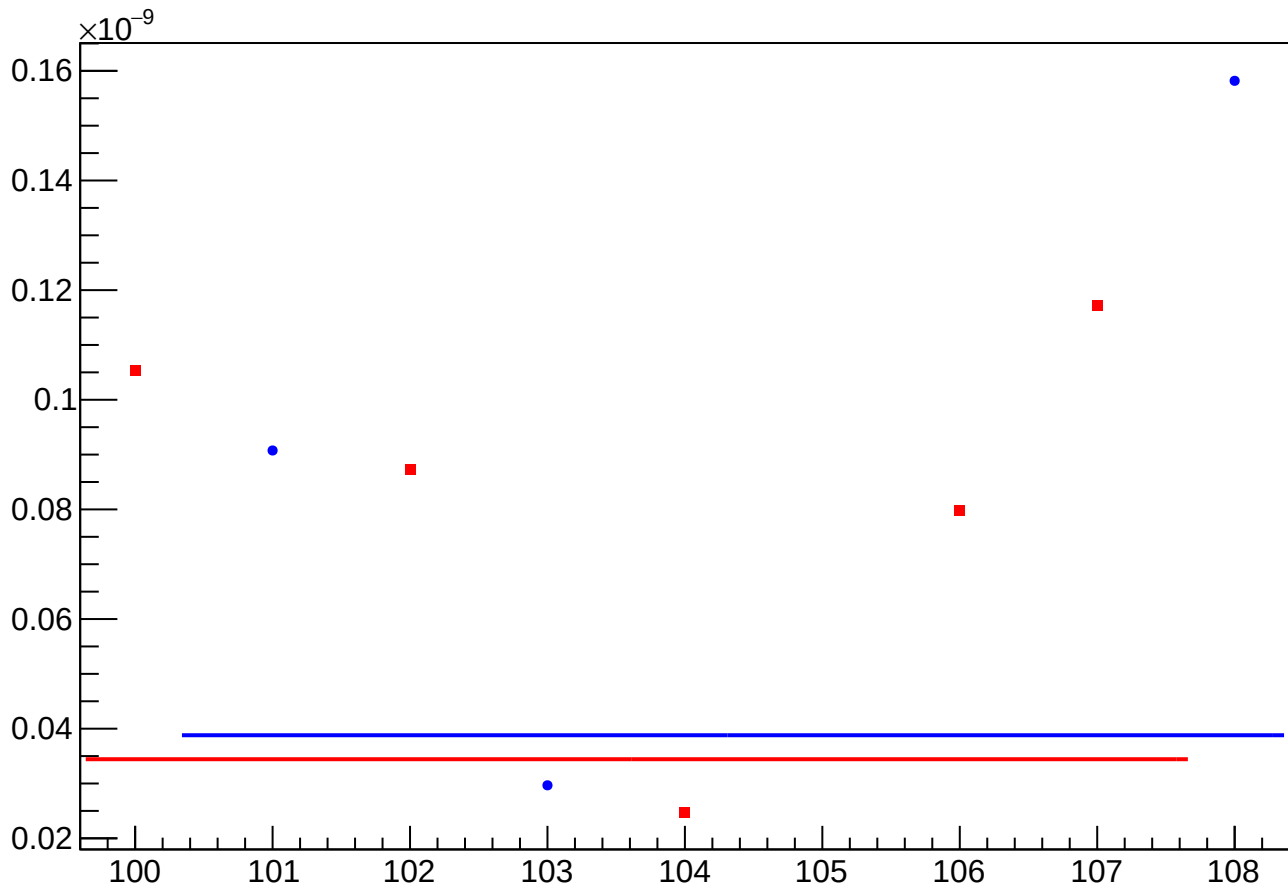
Right: 0.000+/-0.000 χ^2/NDF : 2.1/7

In: -0.000+/-0.000 χ^2/NDF : 0.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2.1/7

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 : 694113.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 719379.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

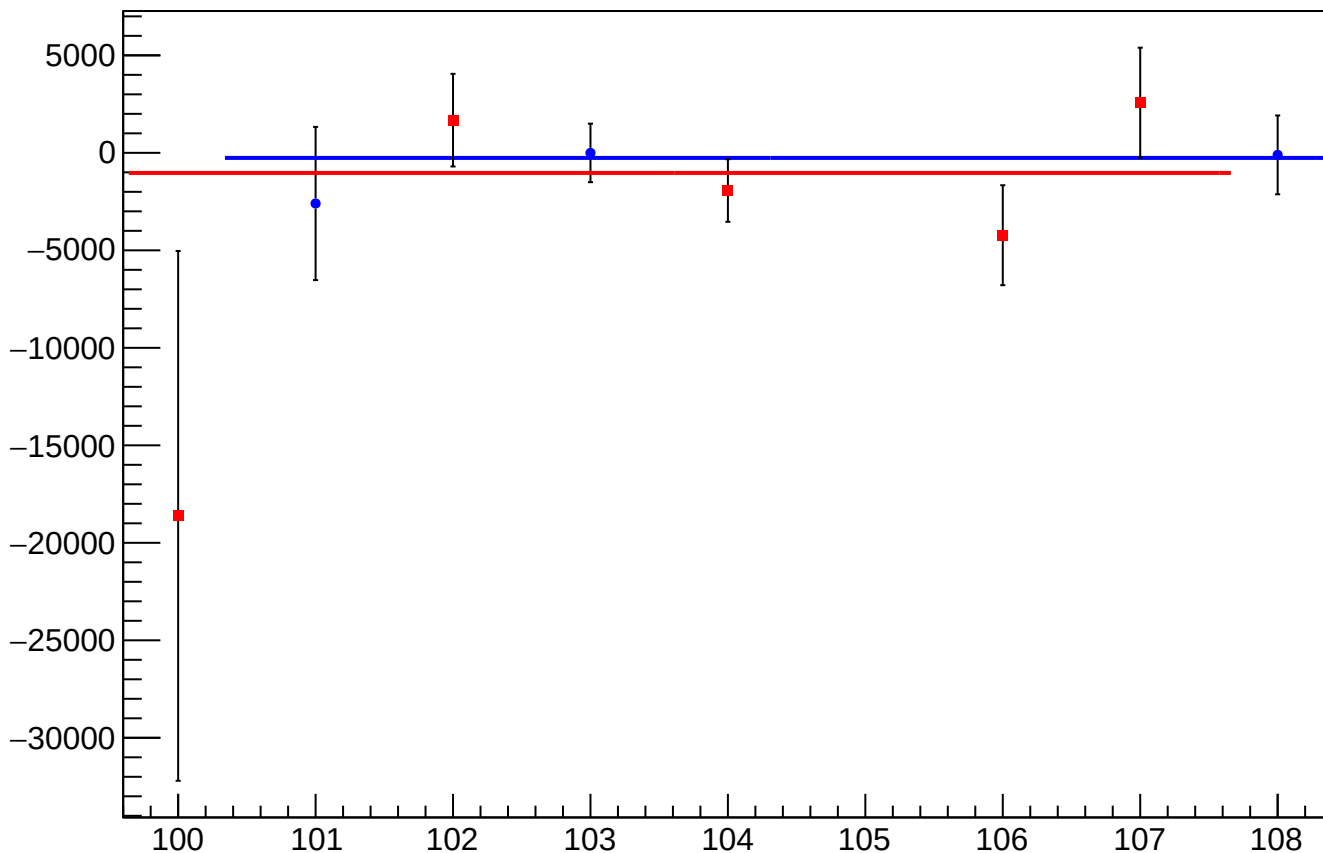
Right: 0.000+/-0.000 χ^2/NDF : 1424617.6/7

In: 0.000+/-0.000 χ^2/NDF : 694113.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1424617.6/7

reg_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -259.803+/-1151.712 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1030.264+/-1085.581 χ^2/NDF : 6.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

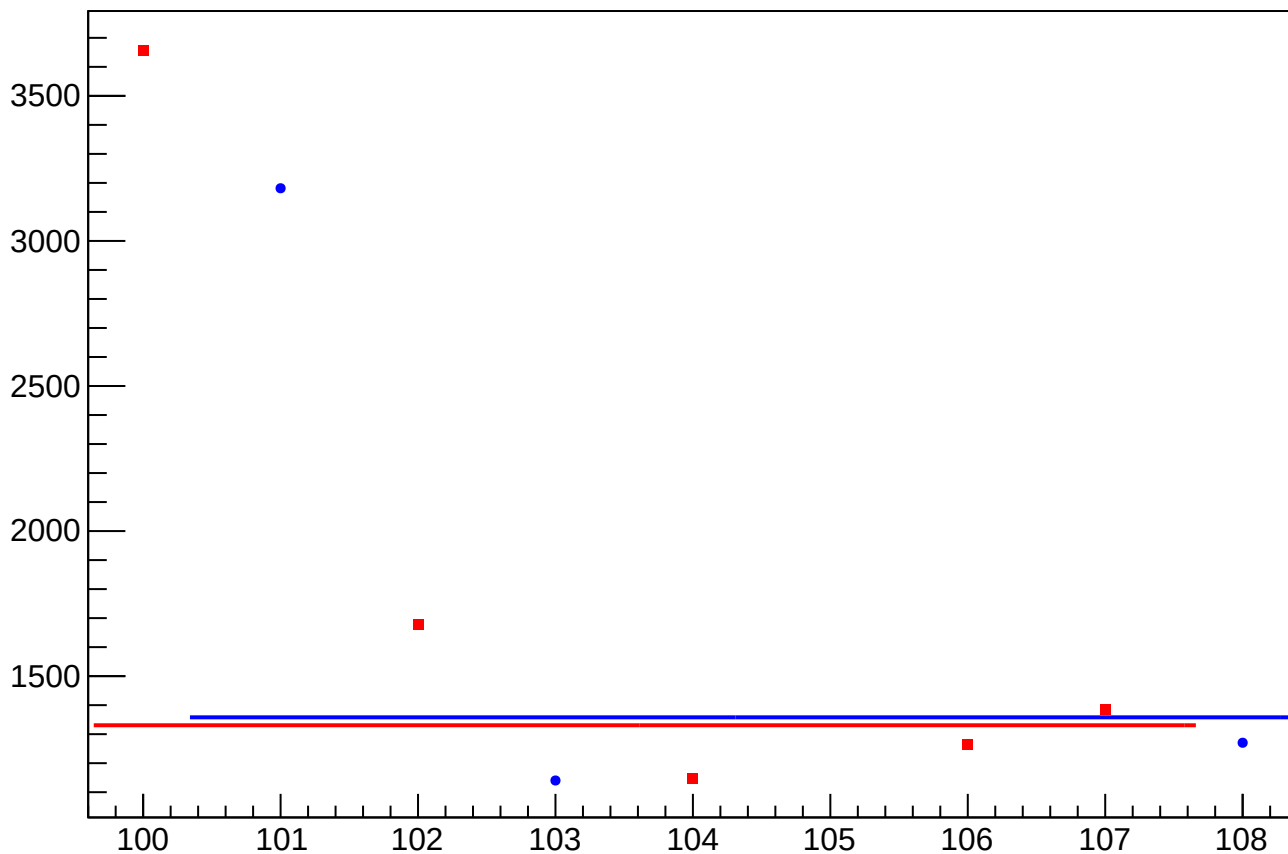
Right: -667.788+/-789.966 χ^2/NDF : 7.1/7

In: -259.803+/-1151.712 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -667.788+/-789.966 χ^2/NDF : 7.1/7

reg_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1357.998+/-0.814 χ^2/NDF : 476767.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1330.687+/-0.768 χ^2/NDF : 128865.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

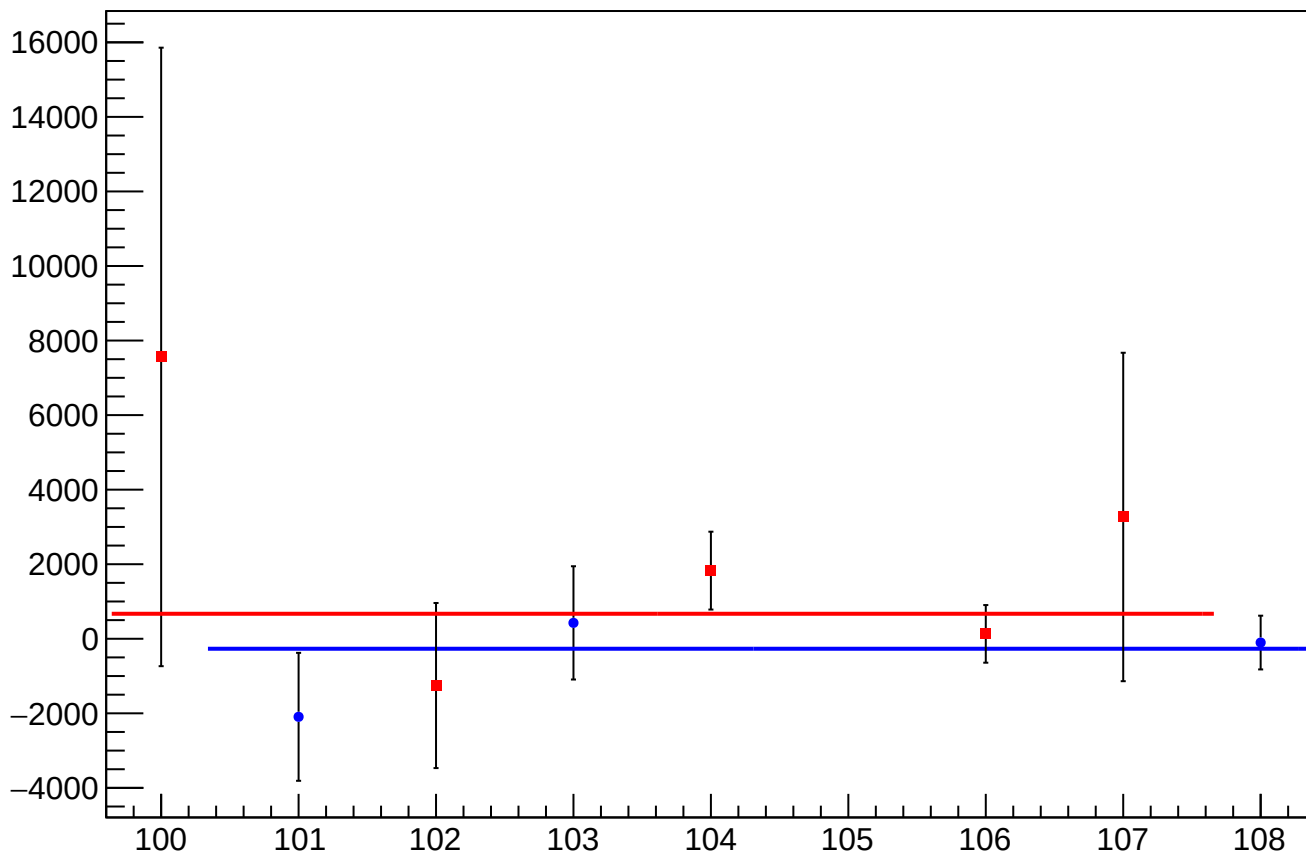
Right: 1343.536+/-0.559 χ^2/NDF : 606228.2/7

In: 1357.998+/-0.814 χ^2/NDF : 476767.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1343.536+/-0.559 χ^2/NDF : 606228.2/7

asym_atl_avg_atr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -267.678+/-608.866 χ^2/NDF : 1.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 670.656+/-591.352 χ^2/NDF : 3.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

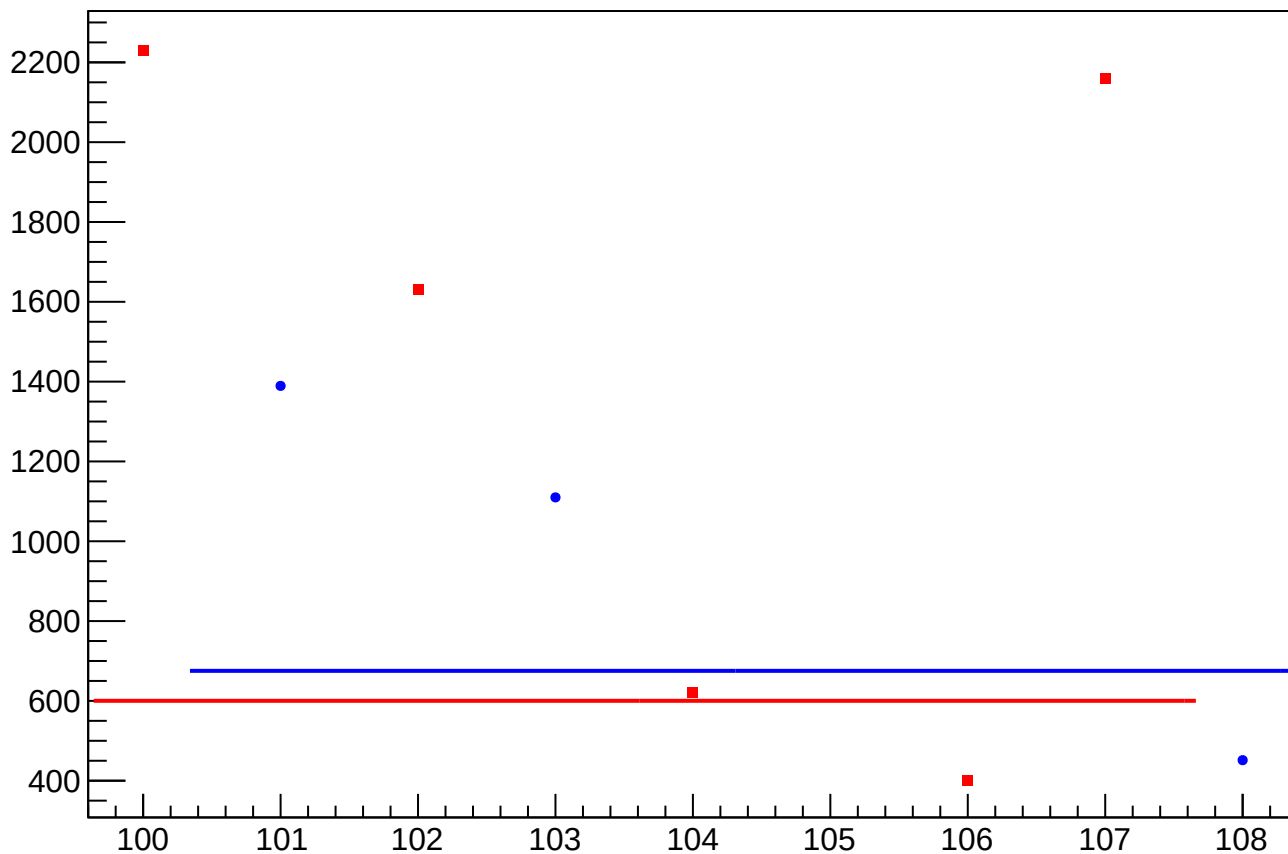
Right: 215.178+/-424.205 χ^2/NDF : 6.1/7

In: -267.678+/-608.866 χ^2/NDF : 1.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 215.178+/-424.205 χ^2/NDF : 6.1/7

asym_atl_avg_atr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 675.286+/-0.431 χ^2/NDF : 702753.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 600.222+/-0.418 χ^2/NDF : 895627.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

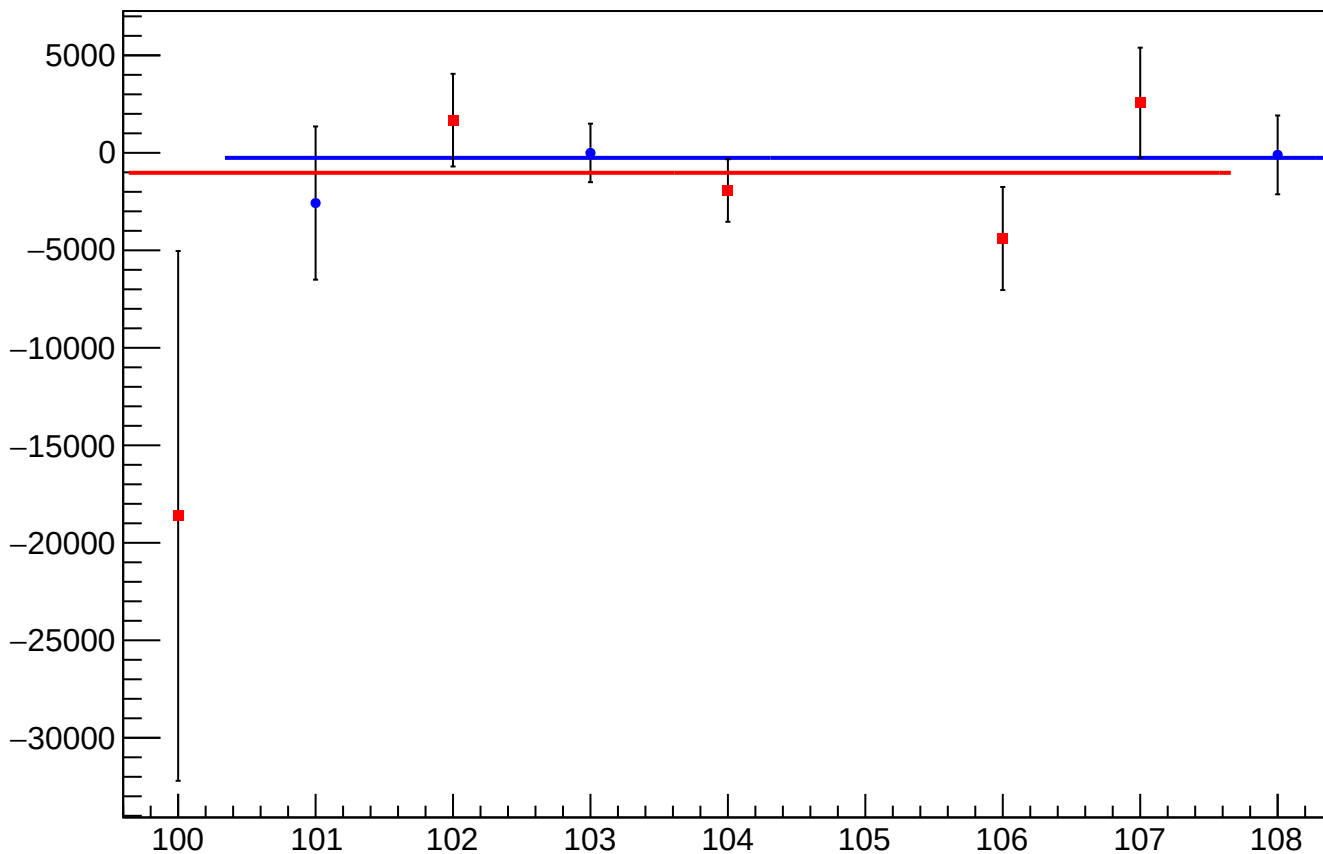
Right: 636.659+/-0.300 χ^2/NDF : 1614023.2/7

In: 675.286+/-0.431 χ^2/NDF : 702753.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 636.659+/-0.300 χ^2/NDF : 1614023.2/7

cor_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -257.794+/-1151.713 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1024.498+/-1091.453 χ^2/NDF : 6.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

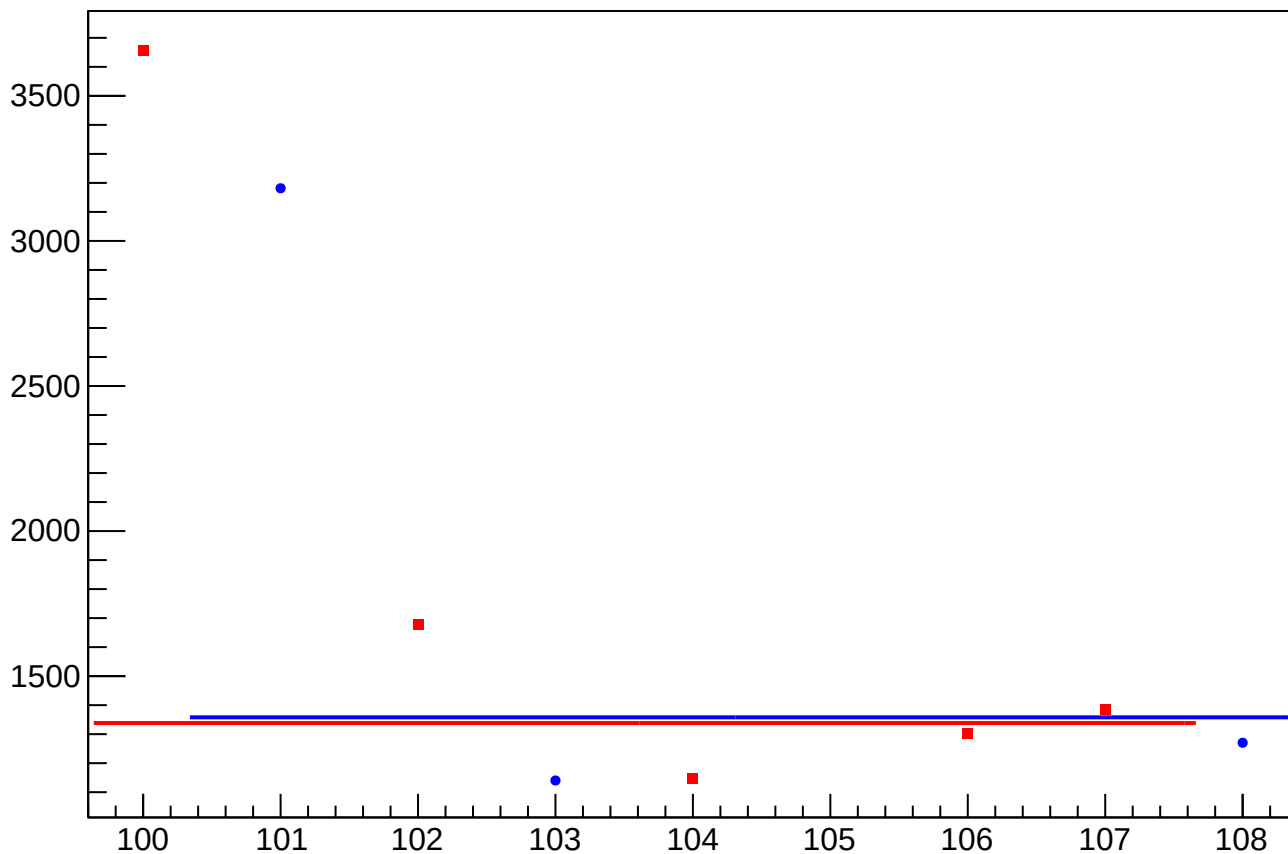
Right: -661.728+/-792.221 χ^2/NDF : 7.2/7

In: -257.794+/-1151.713 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -661.728+/-792.221 χ^2/NDF : 7.2/7

cor_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1357.997 $\pm$ 0.814 χ^2 /NDF: 476769.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1338.372 $\pm$ 0.772 χ^2 /NDF: 127580.7/4

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

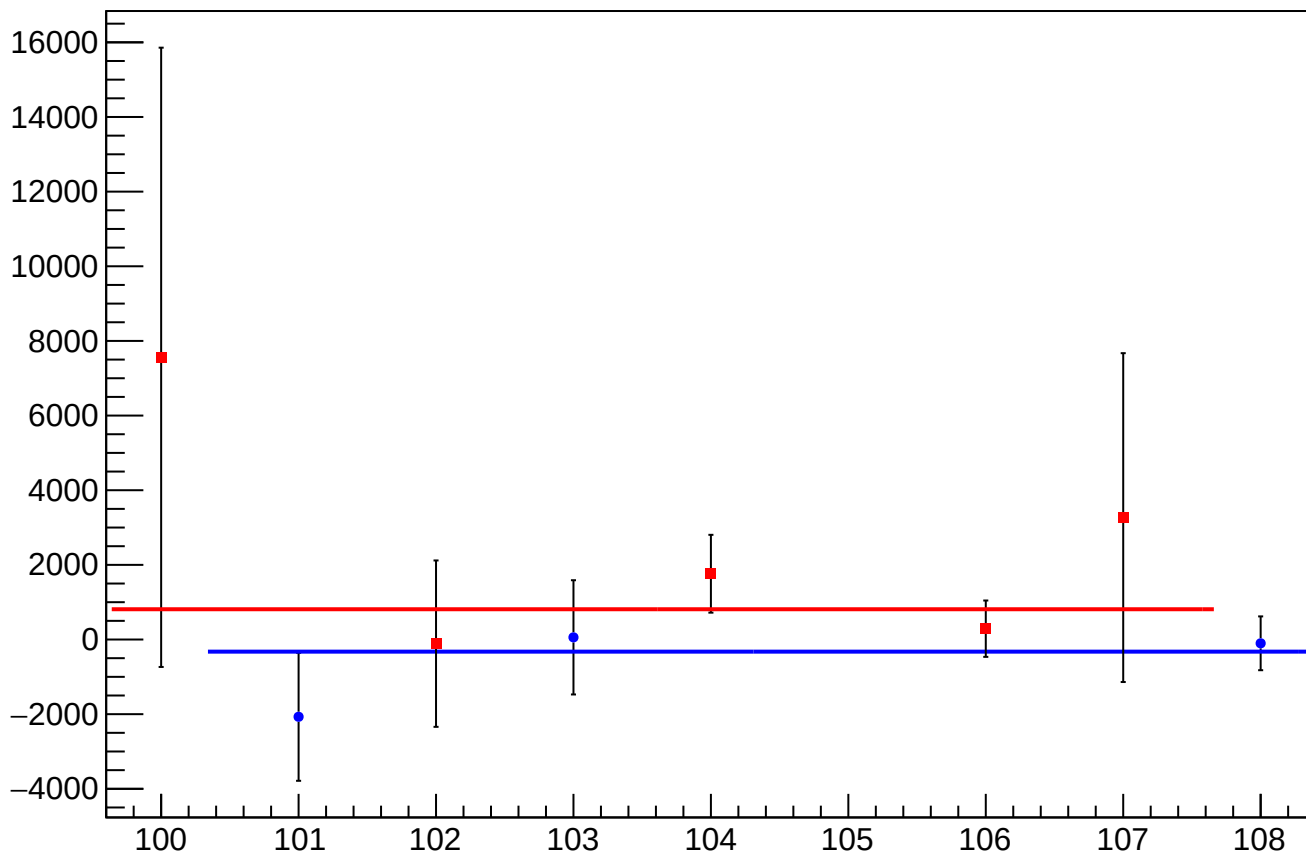
Right: 1347.658 $\pm$ 0.560 χ^2 /NDF: 604655.8/7

In: 1357.997 $\pm$ 0.814 χ^2 /NDF: 476769.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1347.658 $\pm$ 0.560 χ^2 /NDF: 604655.8/7

asym_atl_avg_atr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -324.751+/-609.541 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 811.160+/-582.978 χ^2/NDF : 2.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

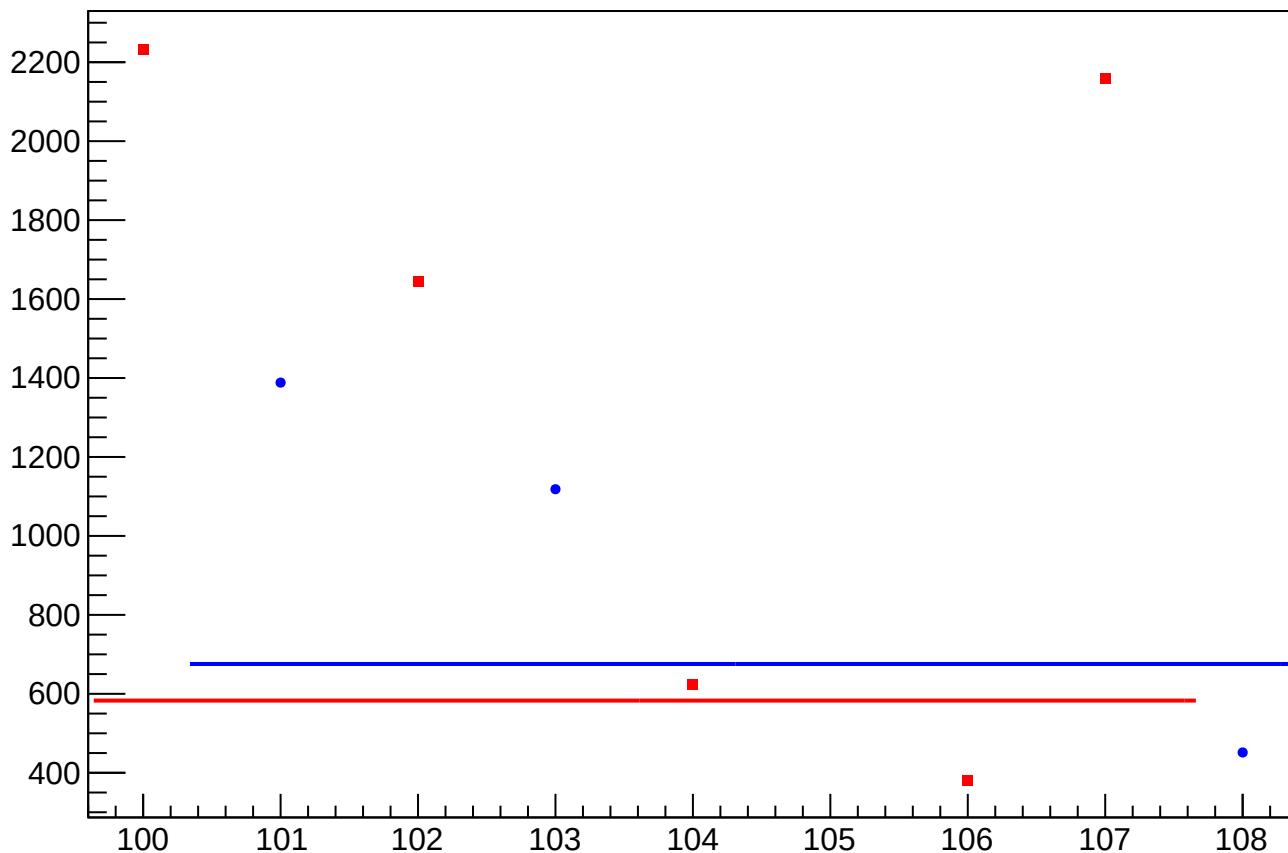
Right: 268.494+/-421.305 χ^2/NDF : 5.5/7

In: -324.751+/-609.541 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 268.494+/-421.305 χ^2/NDF : 5.5/7

asym_atl_avg_atr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 675.611+/-0.431 χ^2/NDF : 706155.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 582.858+/-0.412 χ^2/NDF : 936154.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

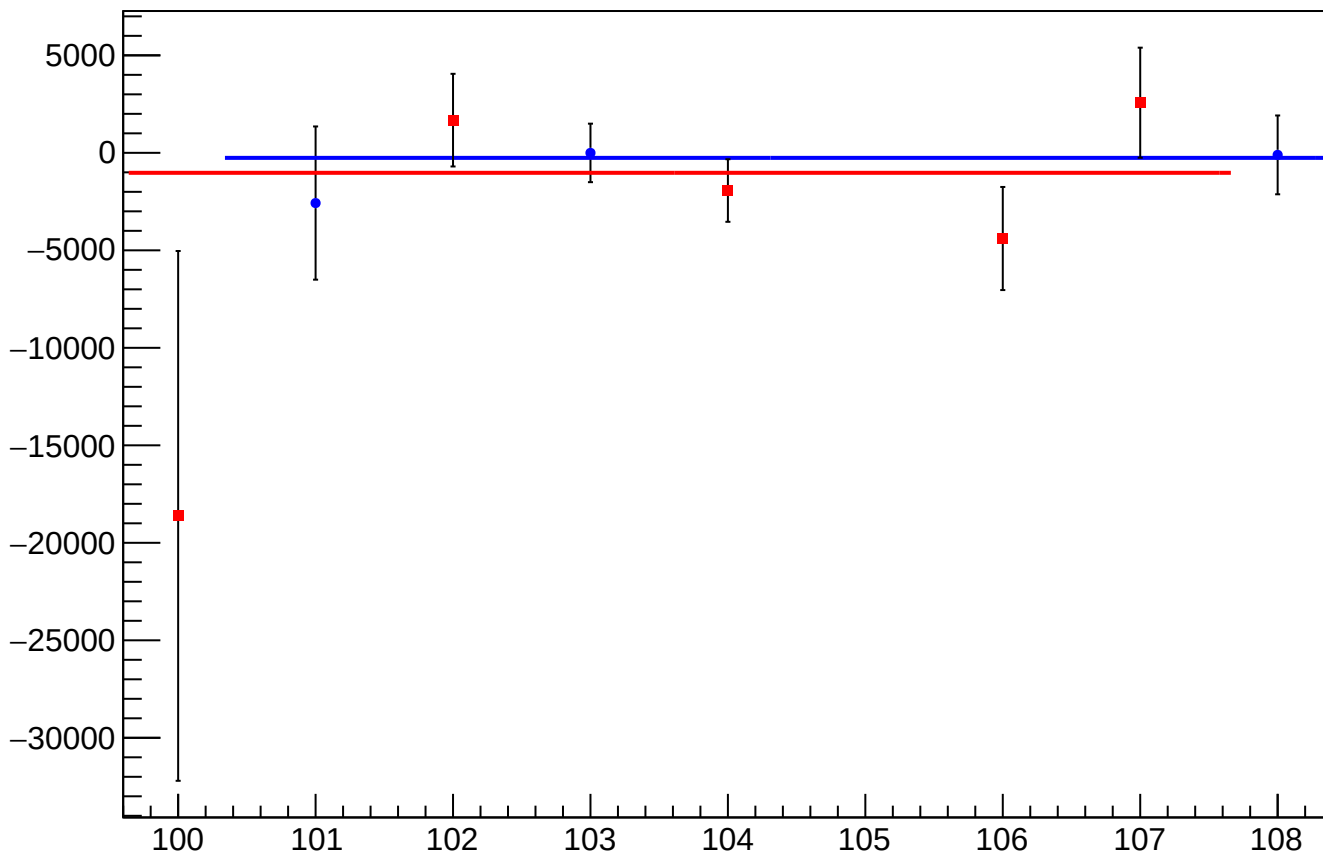
Right: 627.170+/-0.298 χ^2/NDF : 1666496.3/7

In: 675.611+/-0.431 χ^2/NDF : 706155.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 627.170+/-0.298 χ^2/NDF : 1666496.3/7

eigen_cor_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -257.794+/-1151.713 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1024.498+/-1091.453 χ^2/NDF : 6.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

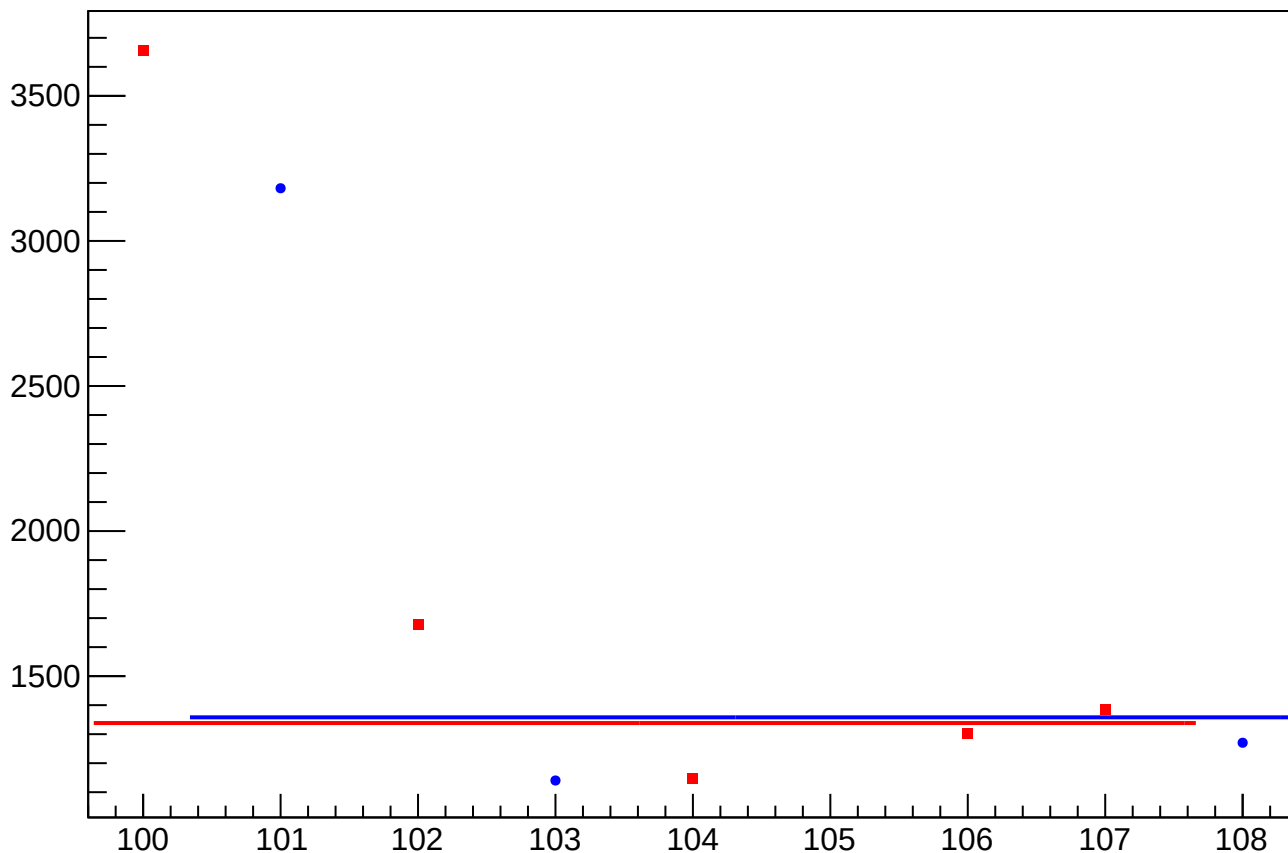
Right: -661.728+/-792.221 χ^2/NDF : 7.2/7

In: -257.794+/-1151.713 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -661.728+/-792.221 χ^2/NDF : 7.2/7

eigen_cor_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1357.997+/-0.814 χ^2/NDF : 476769.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1338.372+/-0.772 χ^2/NDF : 127580.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

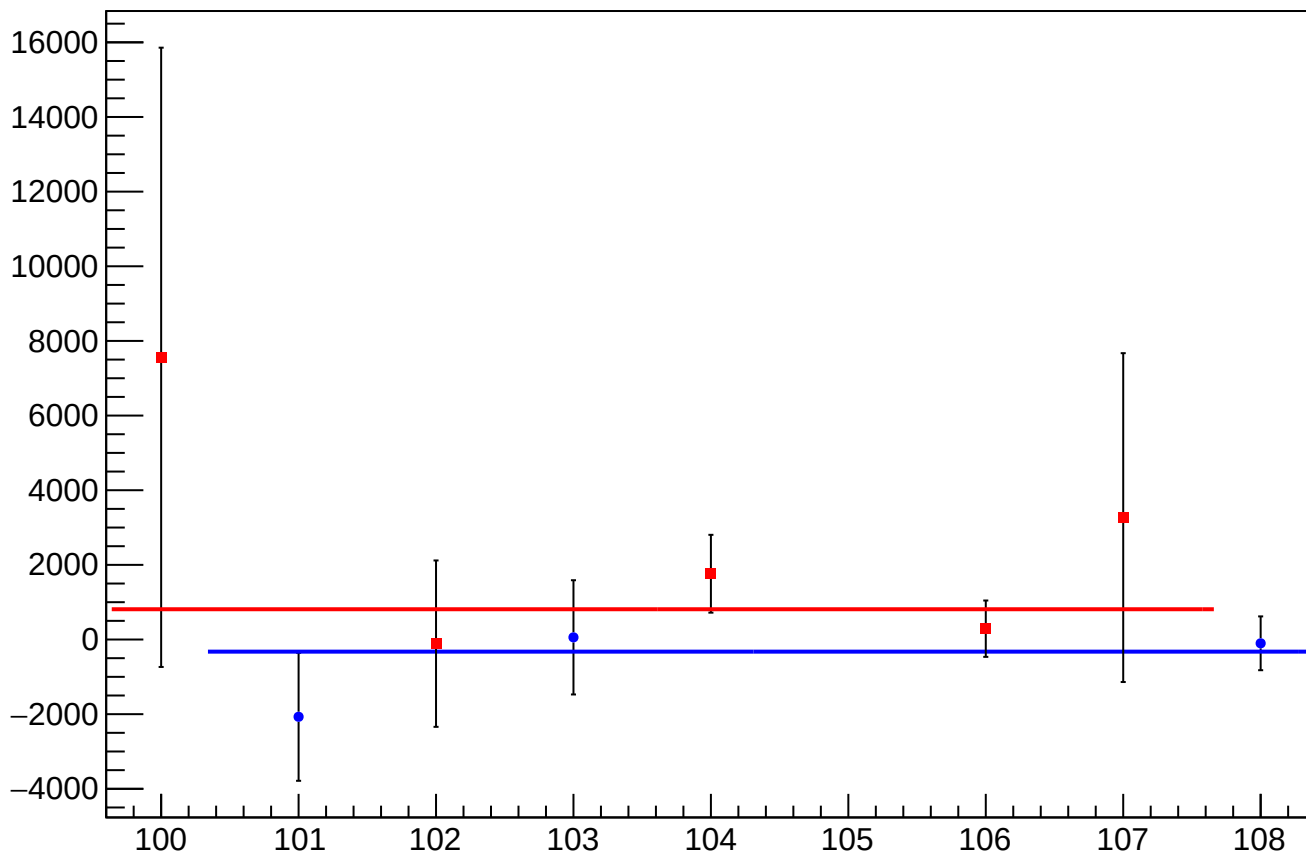
Right: 1347.658+/-0.560 χ^2/NDF : 604655.8/7

In: 1357.997+/-0.814 χ^2/NDF : 476769.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1347.658+/-0.560 χ^2/NDF : 604655.8/7

asym_atl_avg_atr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -324.751+/-609.541 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 811.160+/-582.978 χ^2/NDF : 2.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

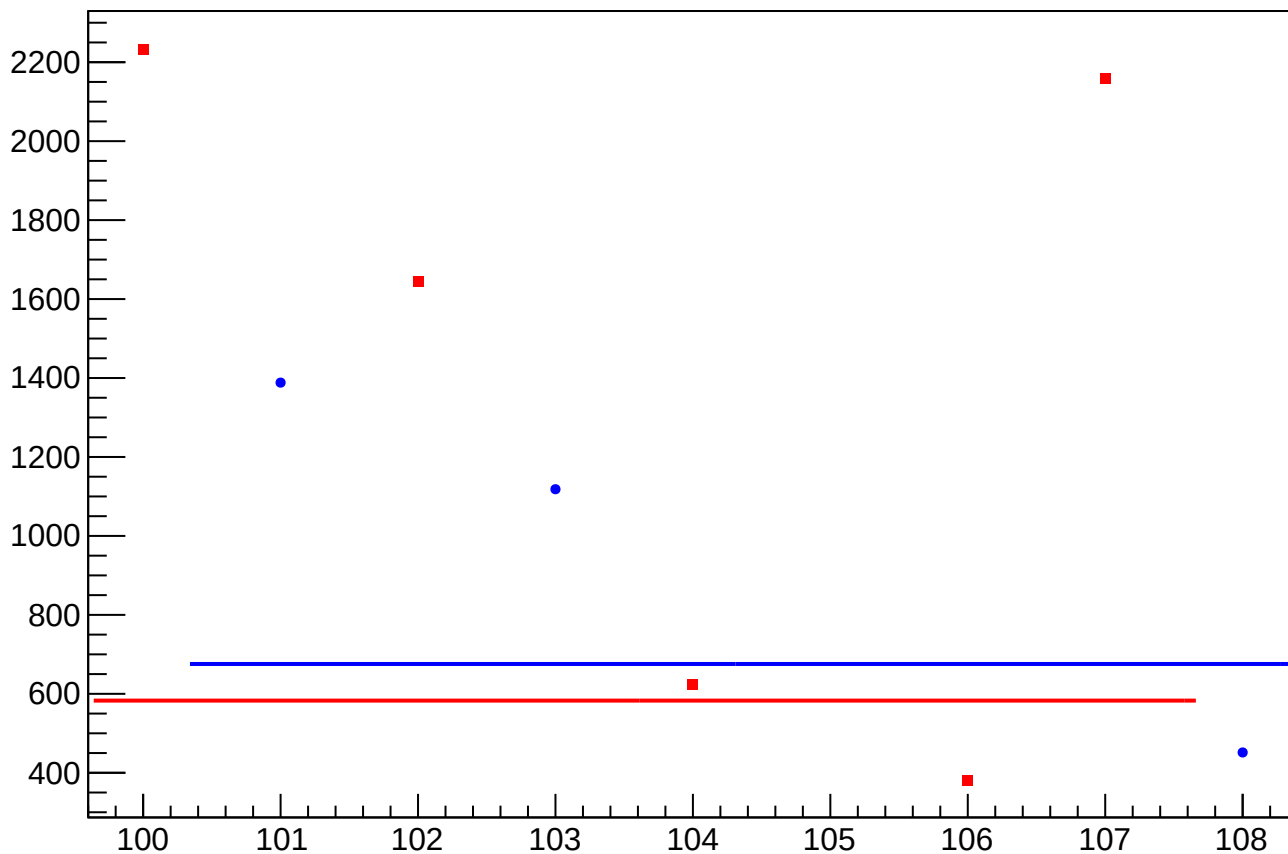
Right: 268.494+/-421.305 χ^2/NDF : 5.5/7

In: -324.751+/-609.541 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 268.494+/-421.305 χ^2/NDF : 5.5/7

asym_atl_avg_atr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 675.611+/-0.431 χ^2/NDF : 706155.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 582.858+/-0.412 χ^2/NDF : 936154.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

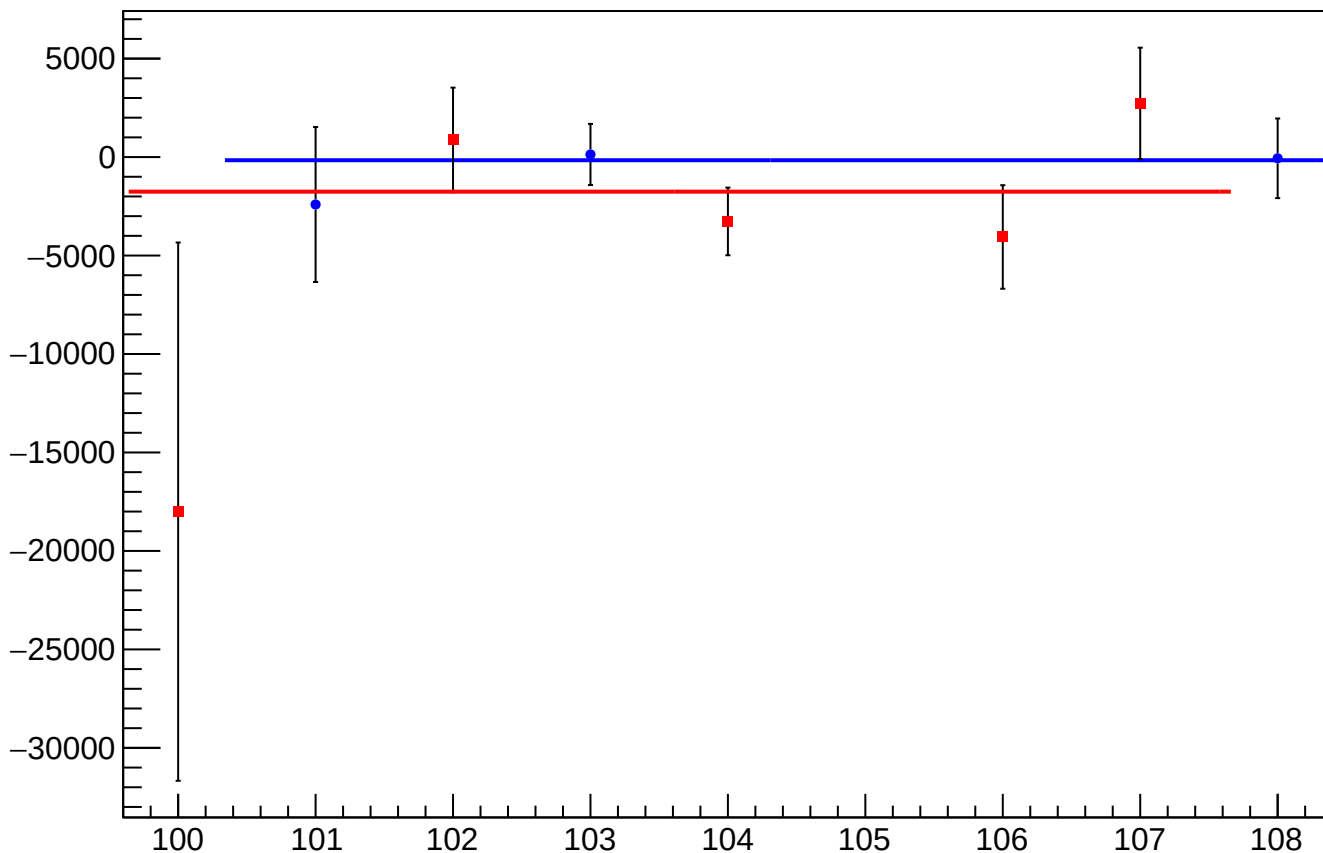
Right: 627.170+/-0.298 χ^2/NDF : 1666496.3/7

In: 675.611+/-0.431 χ^2/NDF : 706155.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 627.170+/-0.298 χ^2/NDF : 1666496.3/7

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -160.378+/-1175.466 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1755.760+/-1150.285 χ^2/NDF : 6.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

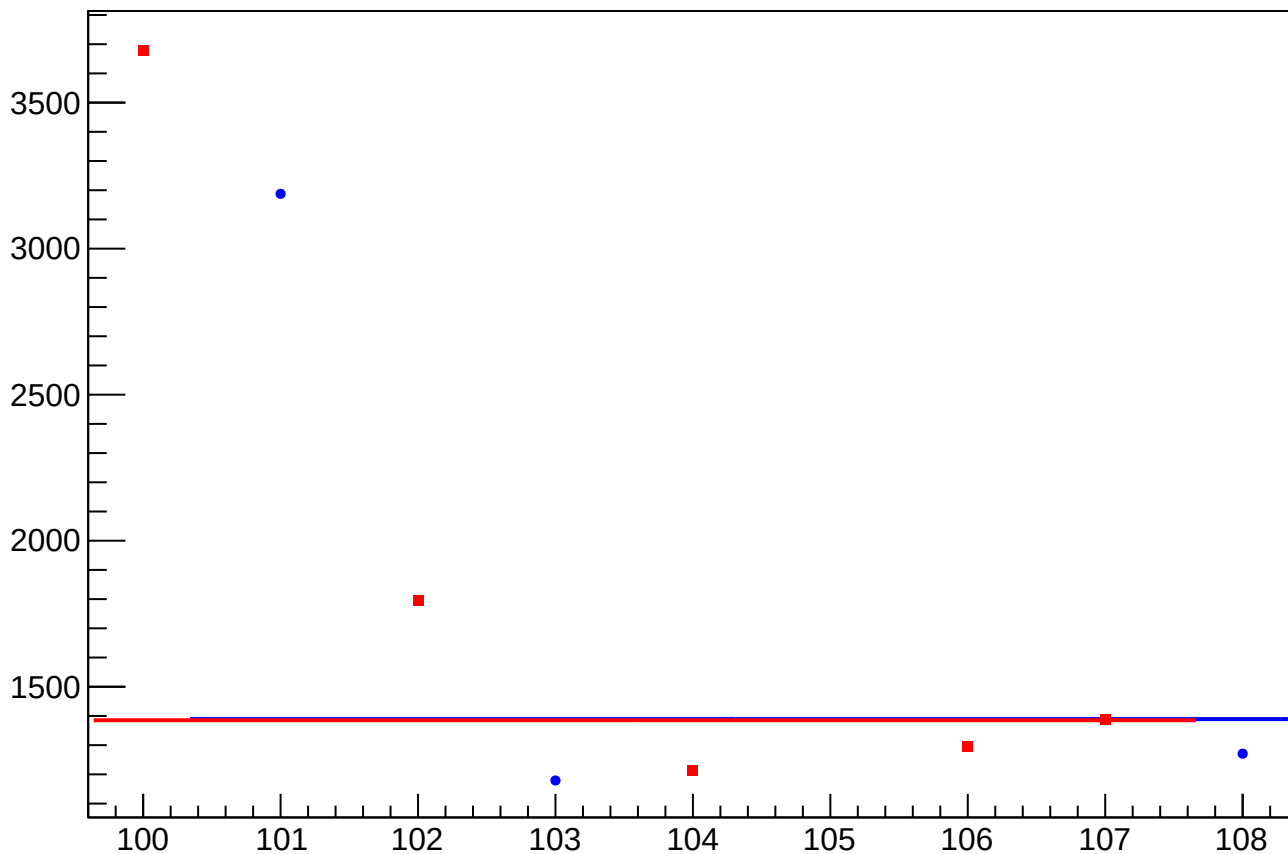
Right: -975.340+/-822.133 χ^2/NDF : 7.7/7

In: -160.378+/-1175.466 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -975.340+/-822.133 χ^2/NDF : 7.7/7

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1389.211+/-0.831 χ^2/NDF : 460990.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1385.243+/-0.813 χ^2/NDF : 126065.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

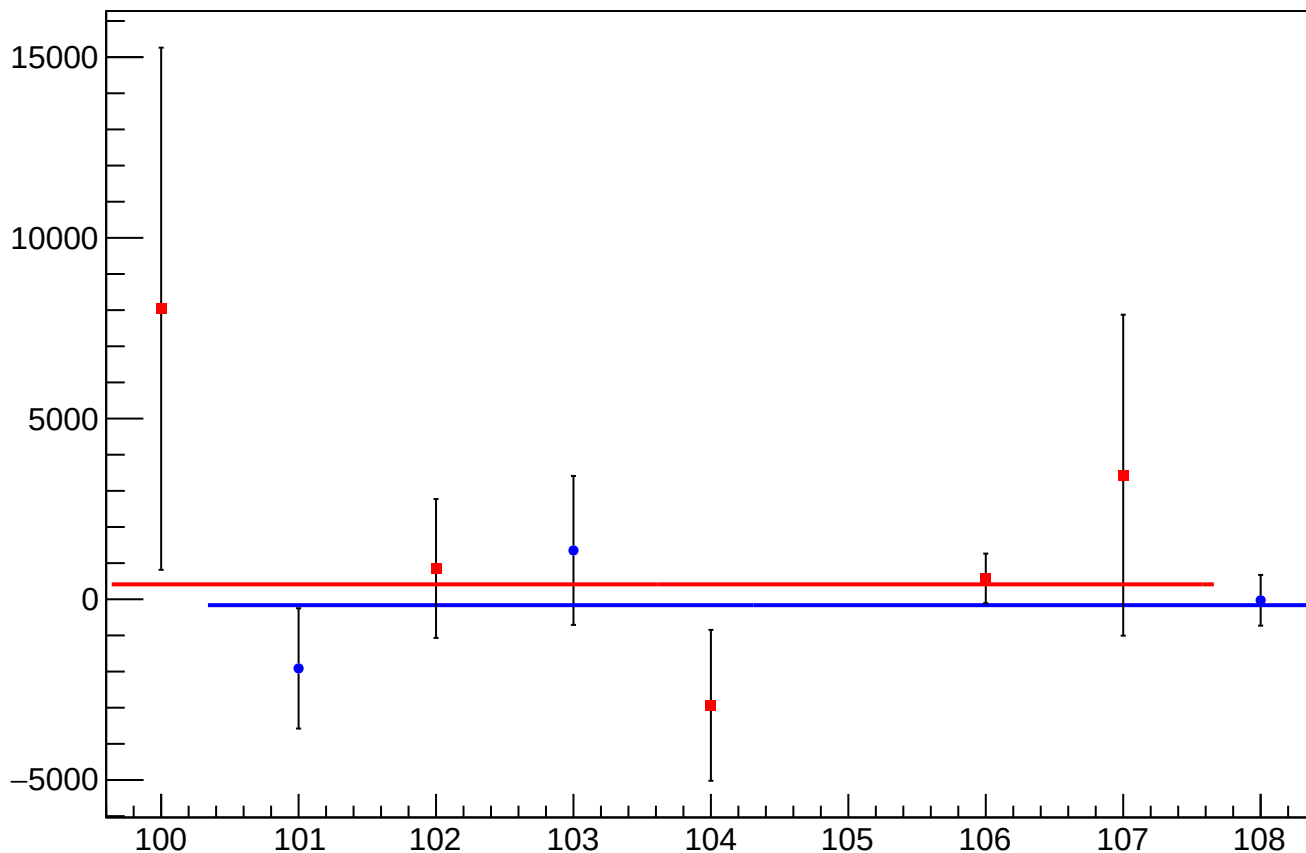
Right: 1387.184+/-0.581 χ^2/NDF : 587067.7/7

In: 1389.211+/-0.831 χ^2/NDF : 460990.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1387.184+/-0.581 χ^2/NDF : 587067.7/7

asym_atl_avg_atr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -162.869+/-617.022 χ^2/NDF : 1.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 413.315+/-609.276 χ^2/NDF : 4.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

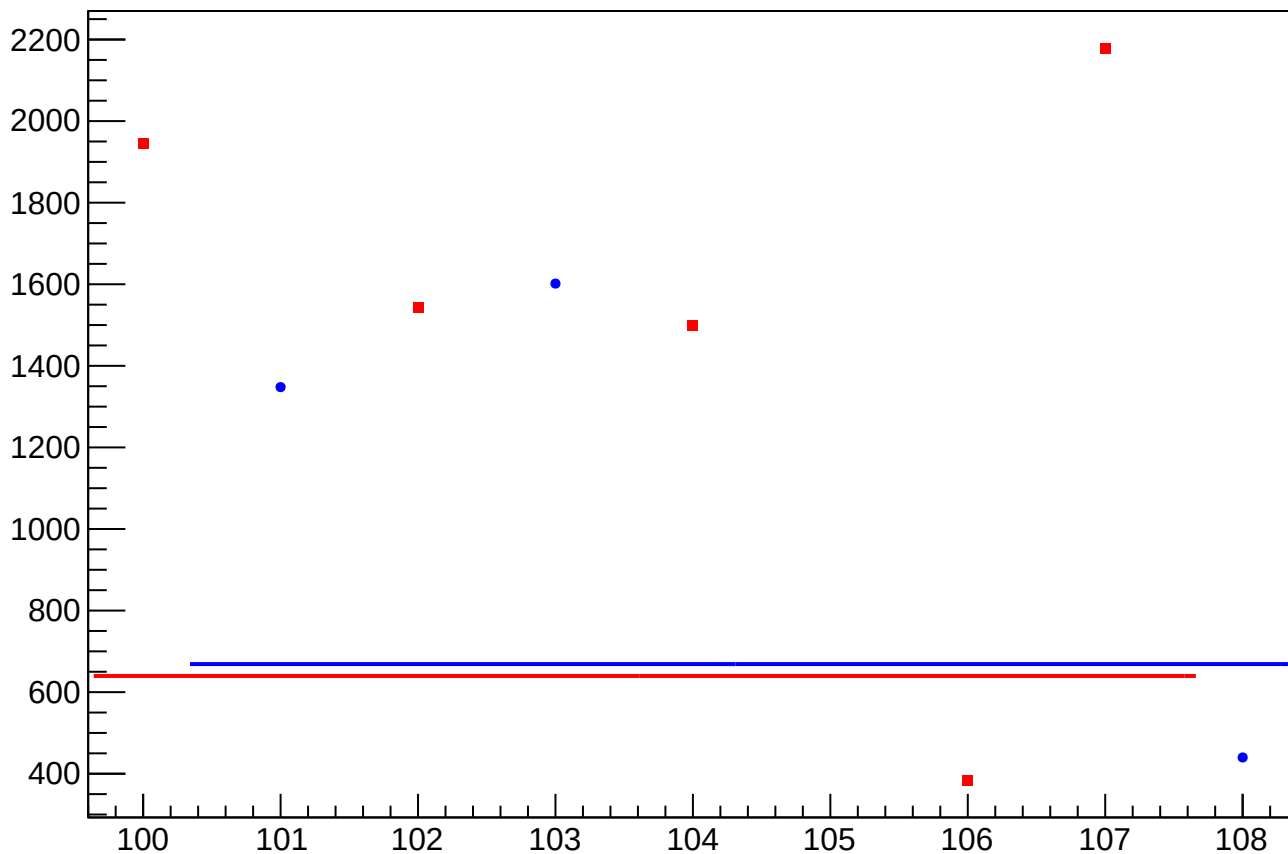
Right: 128.862+/-433.536 χ^2/NDF : 6.4/7

In: -162.869+/-617.022 χ^2/NDF : 1.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.862+/-433.536 χ^2/NDF : 6.4/7

asym_atl_avg_atr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 668.798+/-0.436 χ^2/NDF : 955573.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 639.706+/-0.431 χ^2/NDF : 1365457.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

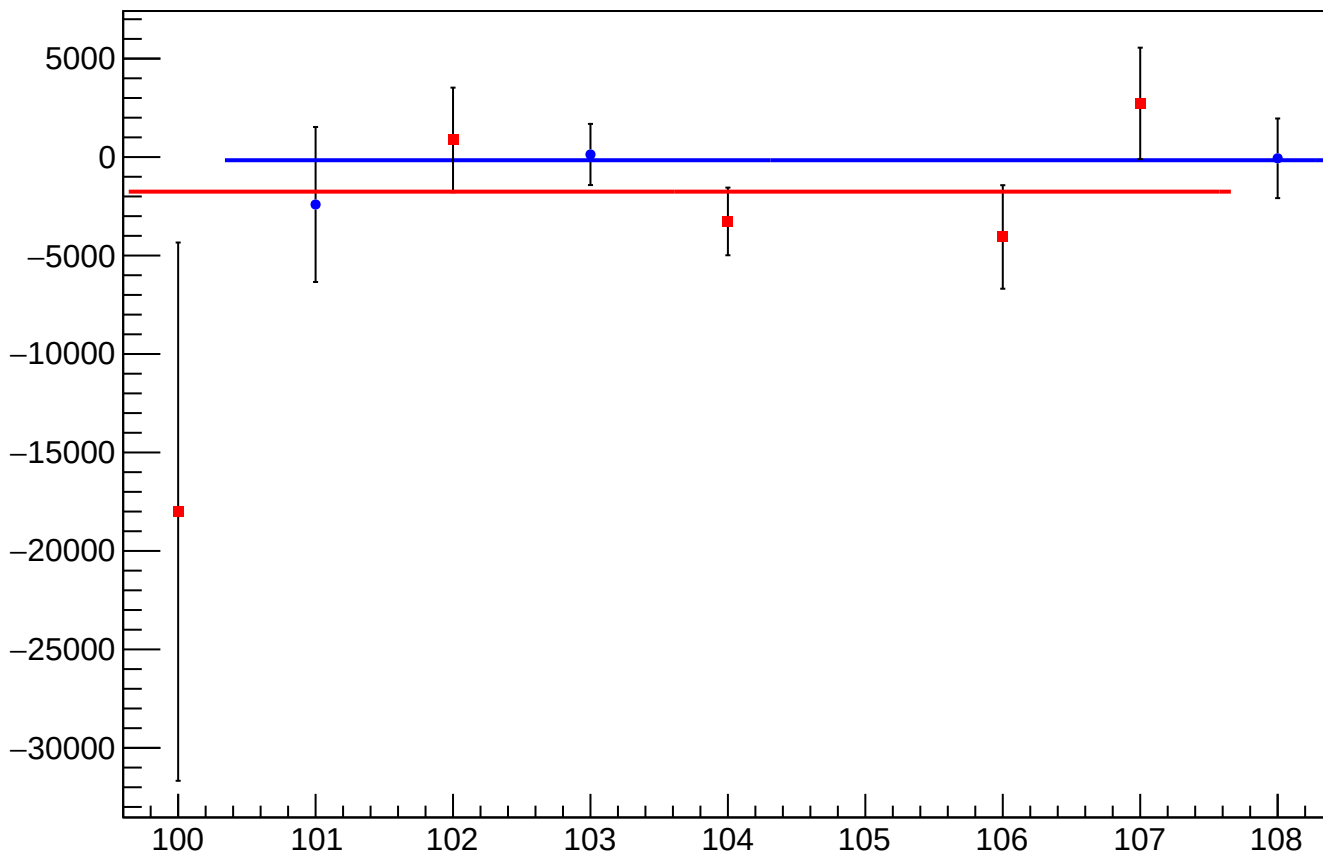
Right: 654.068+/-0.307 χ^2/NDF : 2323281.3/7

In: 668.798+/-0.436 χ^2/NDF : 955573.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 654.068+/-0.307 χ^2/NDF : 2323281.3/7

eigen_dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -160.374+/-1175.466 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1755.764+/-1150.286 χ^2/NDF : 6.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

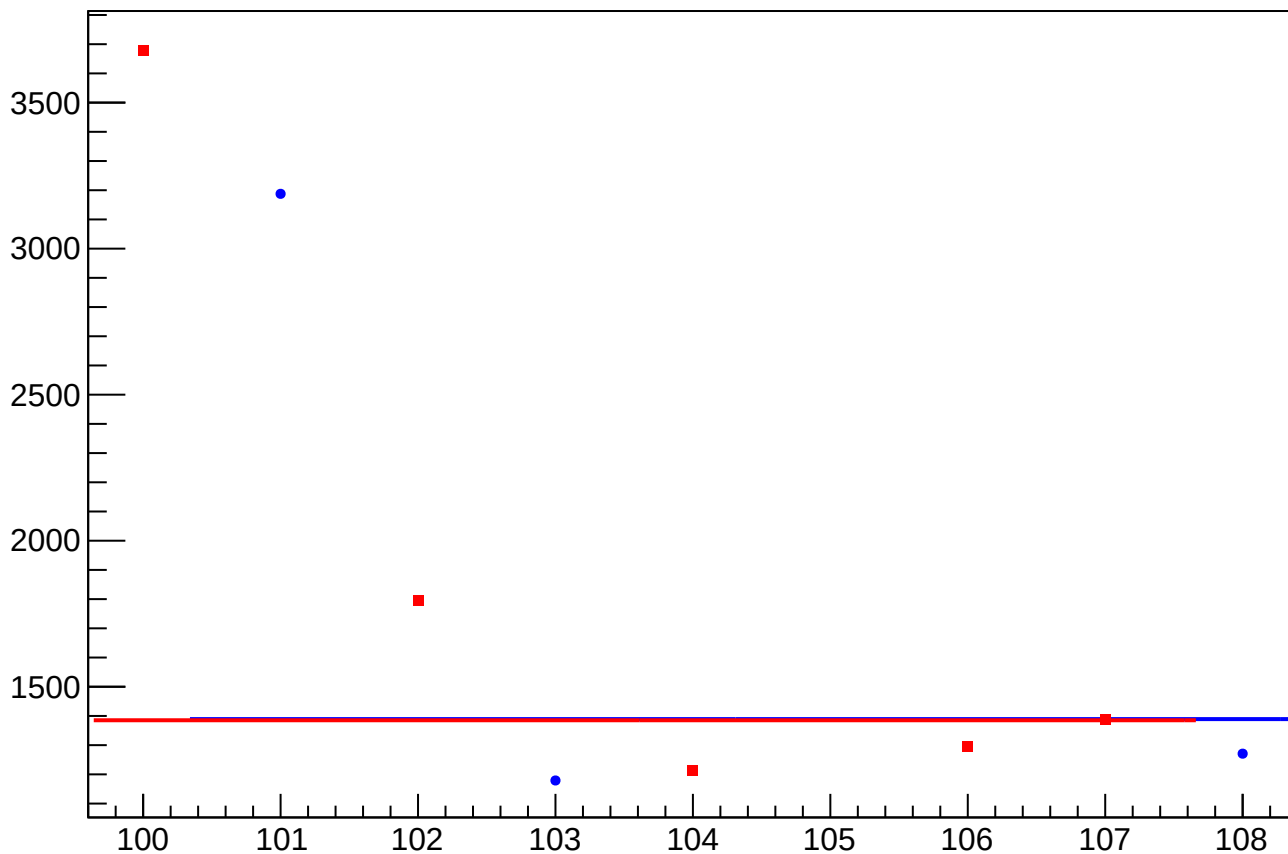
Right: -975.340+/-822.133 χ^2/NDF : 7.7/7

In: -160.374+/-1175.466 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -975.340+/-822.133 χ^2/NDF : 7.7/7

eigen_dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1389.211+/-0.831 χ^2/NDF : 460990.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1385.243+/-0.813 χ^2/NDF : 126065.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

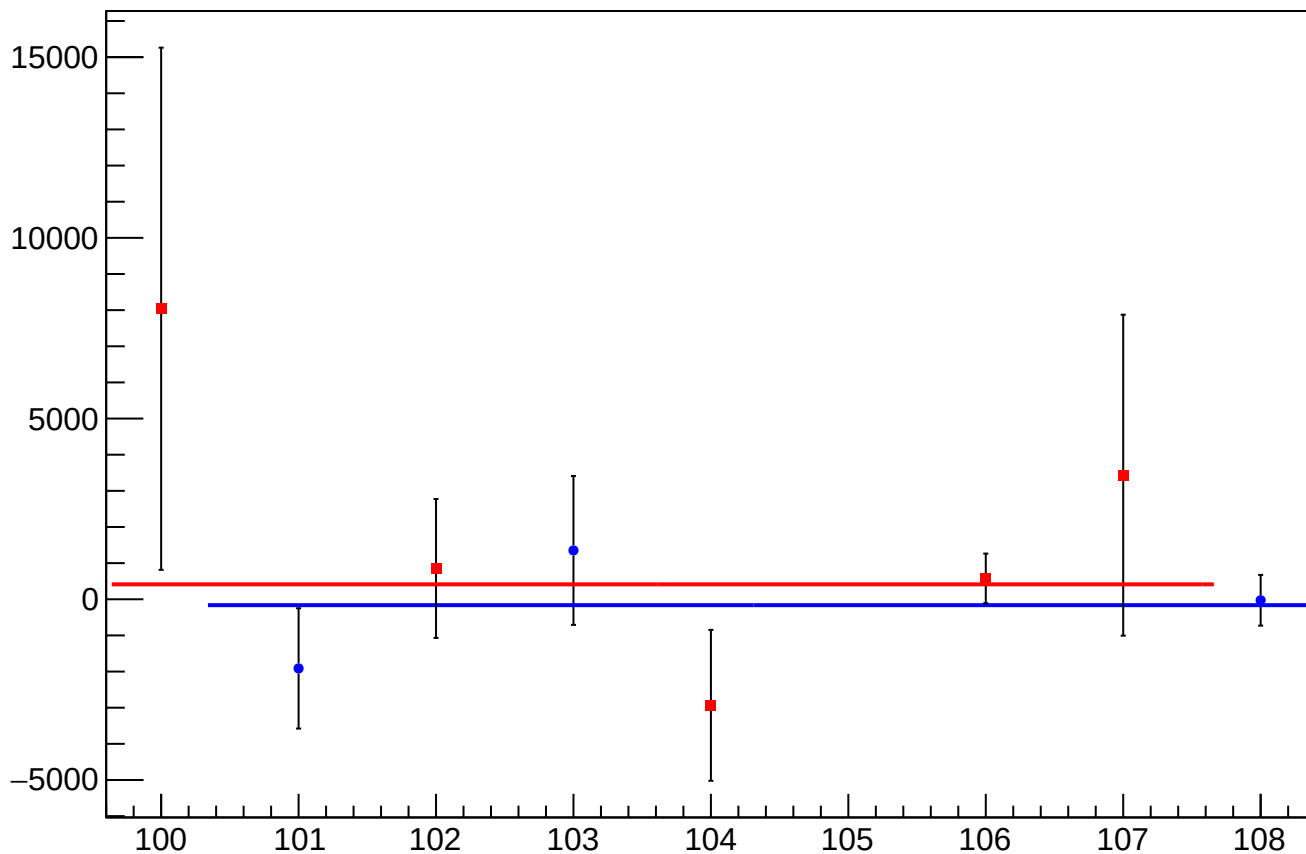
Right: 1387.184+/-0.581 χ^2/NDF : 587067.5/7

In: 1389.211+/-0.831 χ^2/NDF : 460990.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1387.184+/-0.581 χ^2/NDF : 587067.5/7

asym_atl_avg_atr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -162.856+/-617.012 χ^2/NDF : 1.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 413.306+/-609.273 χ^2/NDF : 4.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

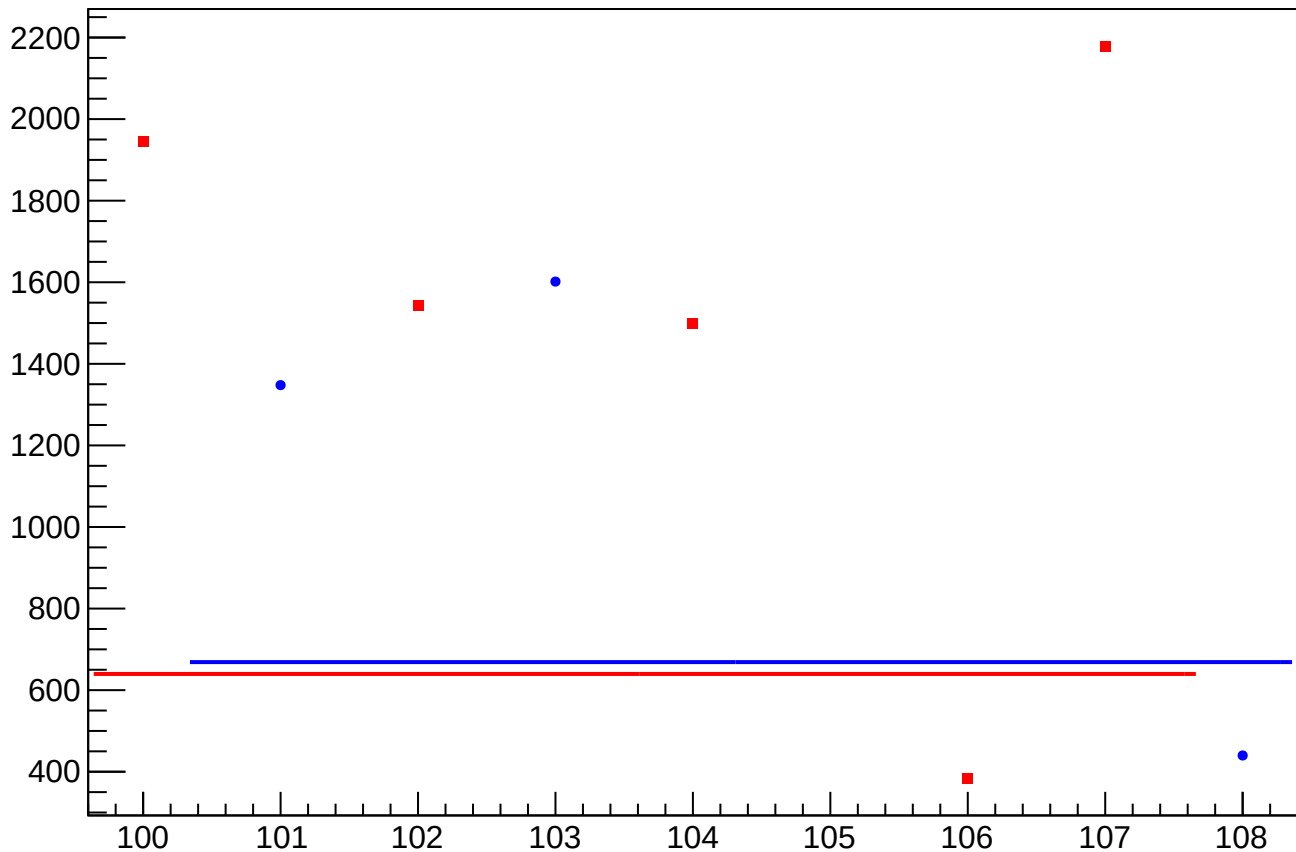
Right: 128.861+/-433.531 χ^2/NDF : 6.4/7

In: -162.856+/-617.012 χ^2/NDF : 1.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.861+/-433.531 χ^2/NDF : 6.4/7

asym_atl_avg_atr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 668.783+/-0.436 χ^2/NDF : 955597.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 639.700+/-0.431 χ^2/NDF : 1365469.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

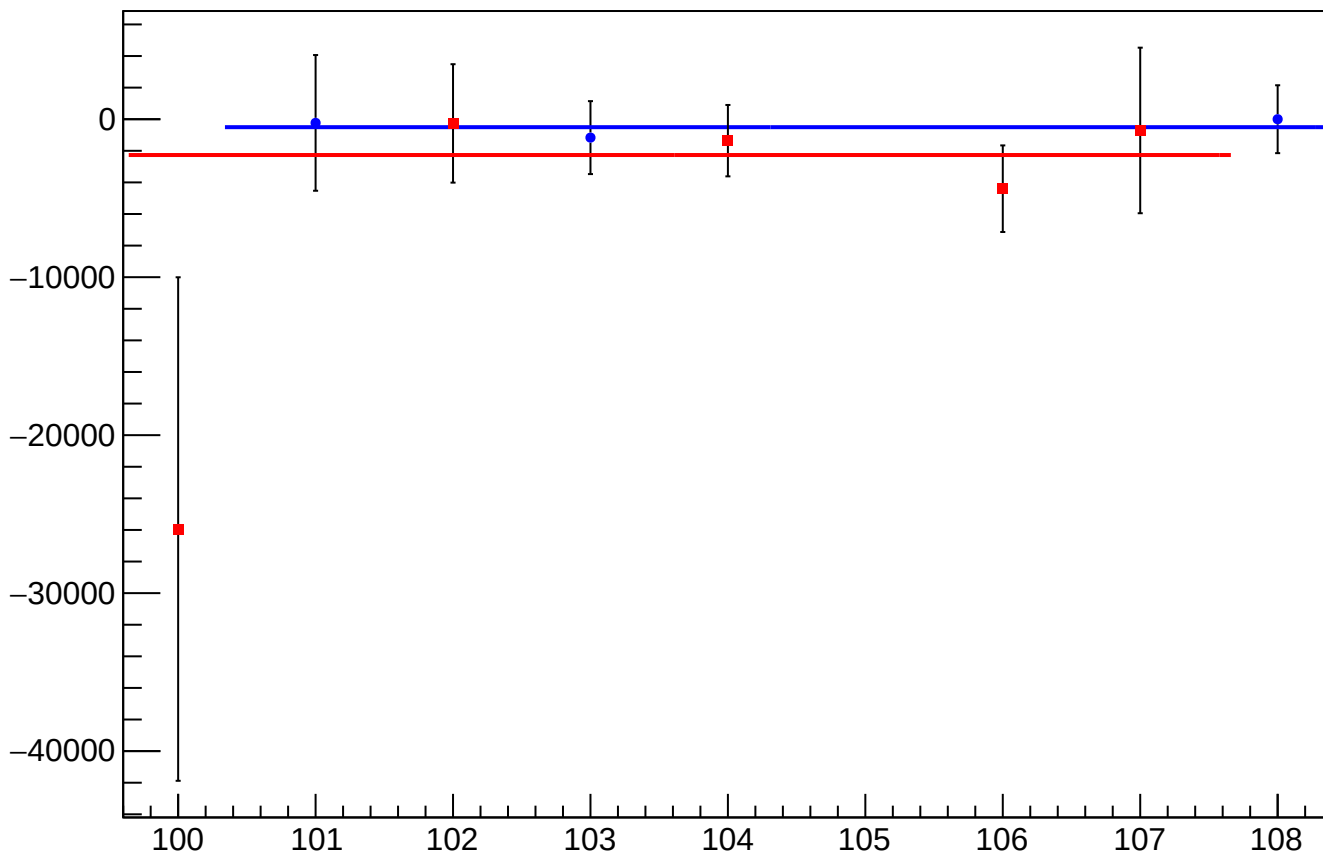
Right: 654.058+/-0.307 χ^2/NDF : 2323316.7/7

In: 668.783+/-0.436 χ^2/NDF : 955597.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 654.058+/-0.307 χ^2/NDF : 2323316.7/7

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -503.936±/-1477.059 χ^2/NDF : 0.1/2

Left Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

Right Out: -2266.627±/-1506.655 χ^2/NDF : 3.3/4

Left In: 0.000±/-0.000 χ^2/NDF : 0.0/0

Left: 0.000±/-0.000 χ^2/NDF : 0.0/0

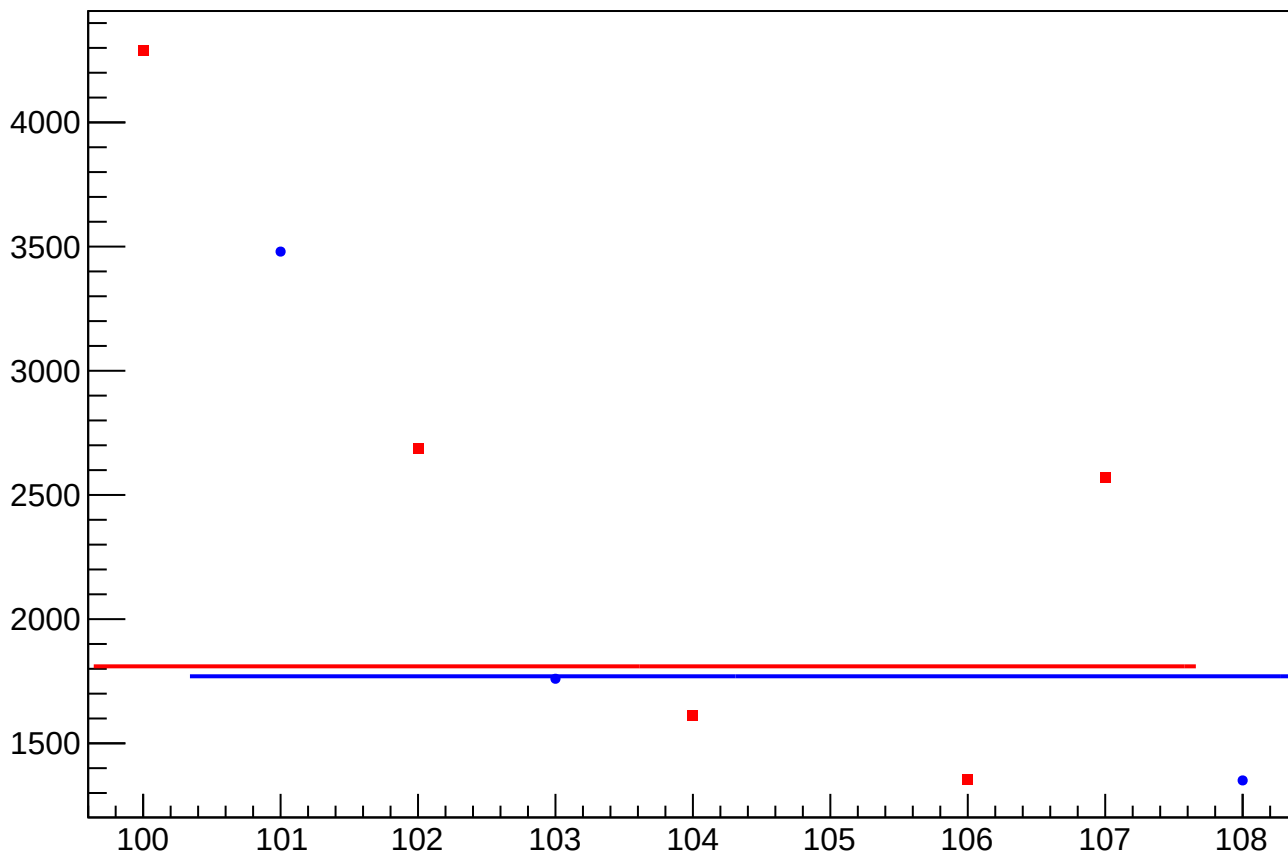
Right: -1367.798±/-1054.746 χ^2/NDF : 4.2/7

In: -503.936±/-1477.059 χ^2/NDF : 0.1/2

Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

All: -1367.798±/-1054.746 χ^2/NDF : 4.2/7

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1769.929+/-1.044 χ^2/NDF : 393111.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1809.984+/-1.065 χ^2/NDF : 271143.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

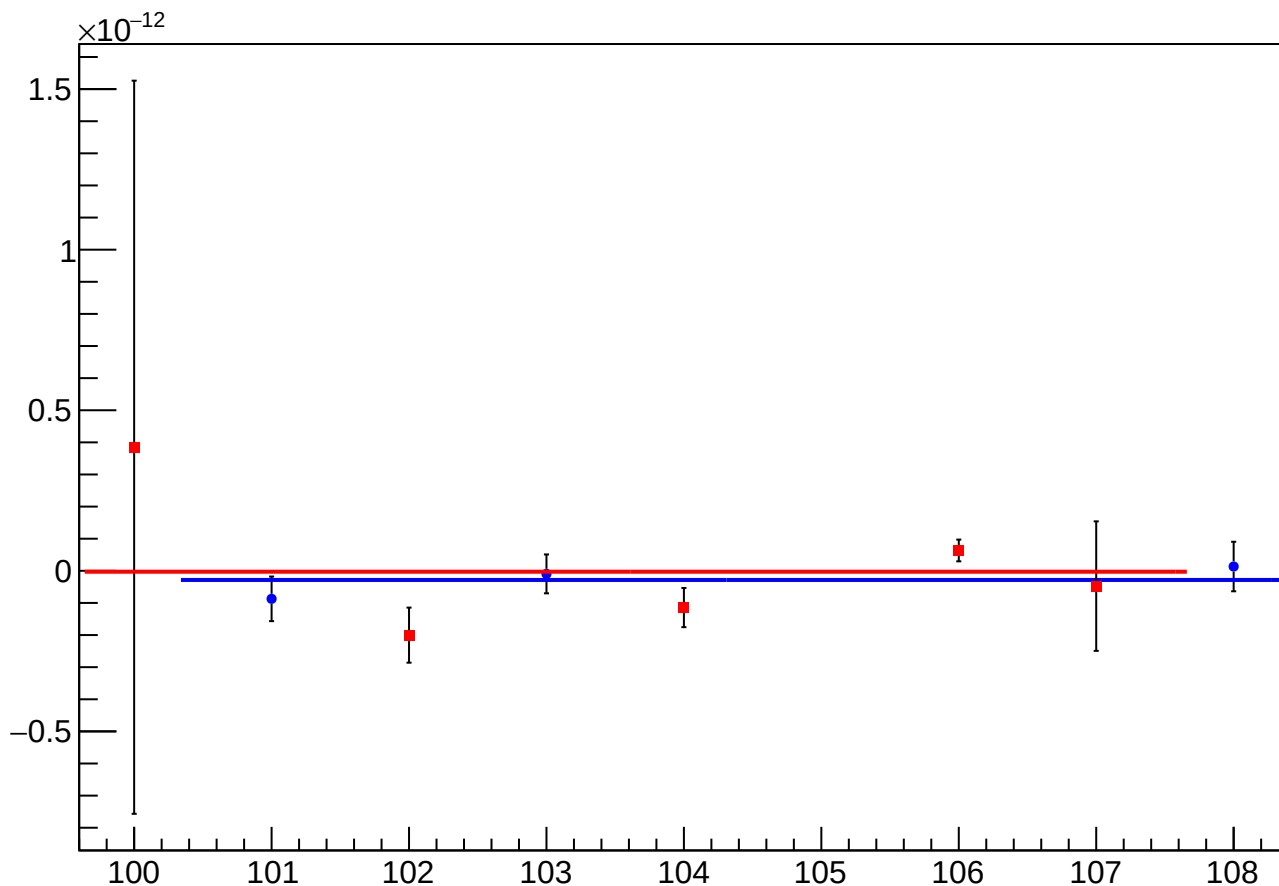
Right: 1789.559+/-0.746 χ^2/NDF : 664975.5/7

In: 1769.929+/-1.044 χ^2/NDF : 393111.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1789.559+/-0.746 χ^2/NDF : 664975.5/7

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

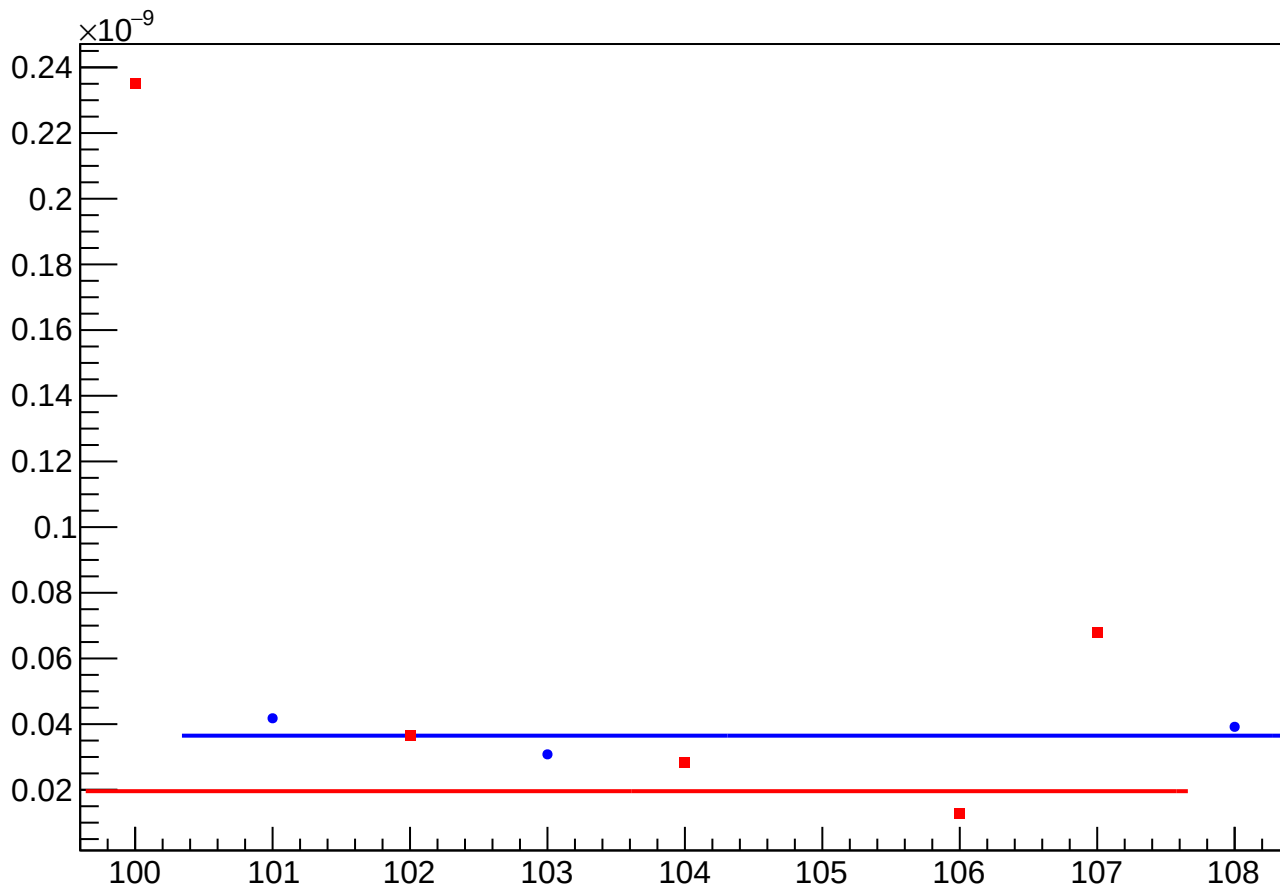
Right: -0.000+/-0.000 χ^2/NDF : 14.0/7

In: -0.000+/-0.000 χ^2/NDF : 1.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.0/7

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 31726.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 386565.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

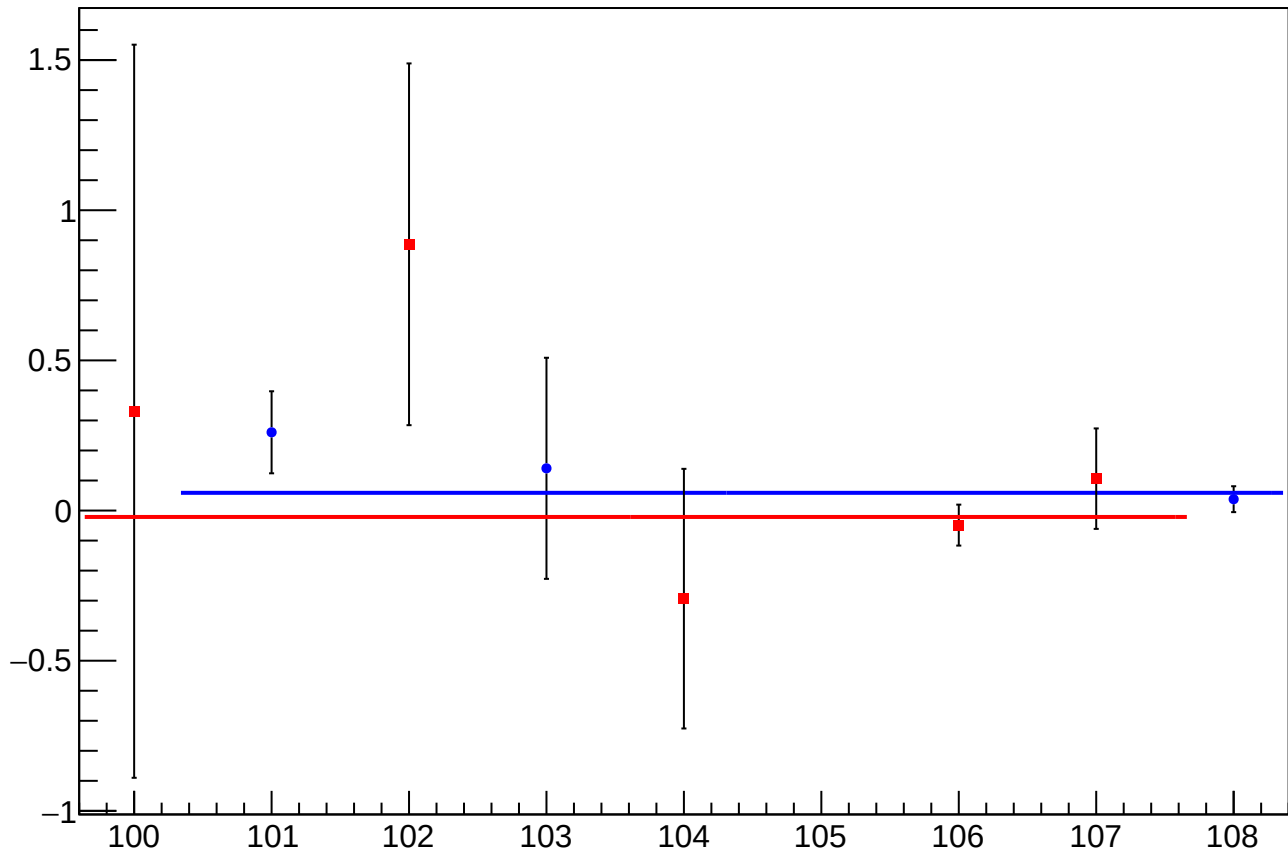
Right: 0.000+/-0.000 χ^2/NDF : 665596.3/7

In: 0.000+/-0.000 χ^2/NDF : 31726.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 665596.3/7

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.059+/-0.041 χ^2/NDF : 2.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.021+/-0.062 χ^2/NDF : 3.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

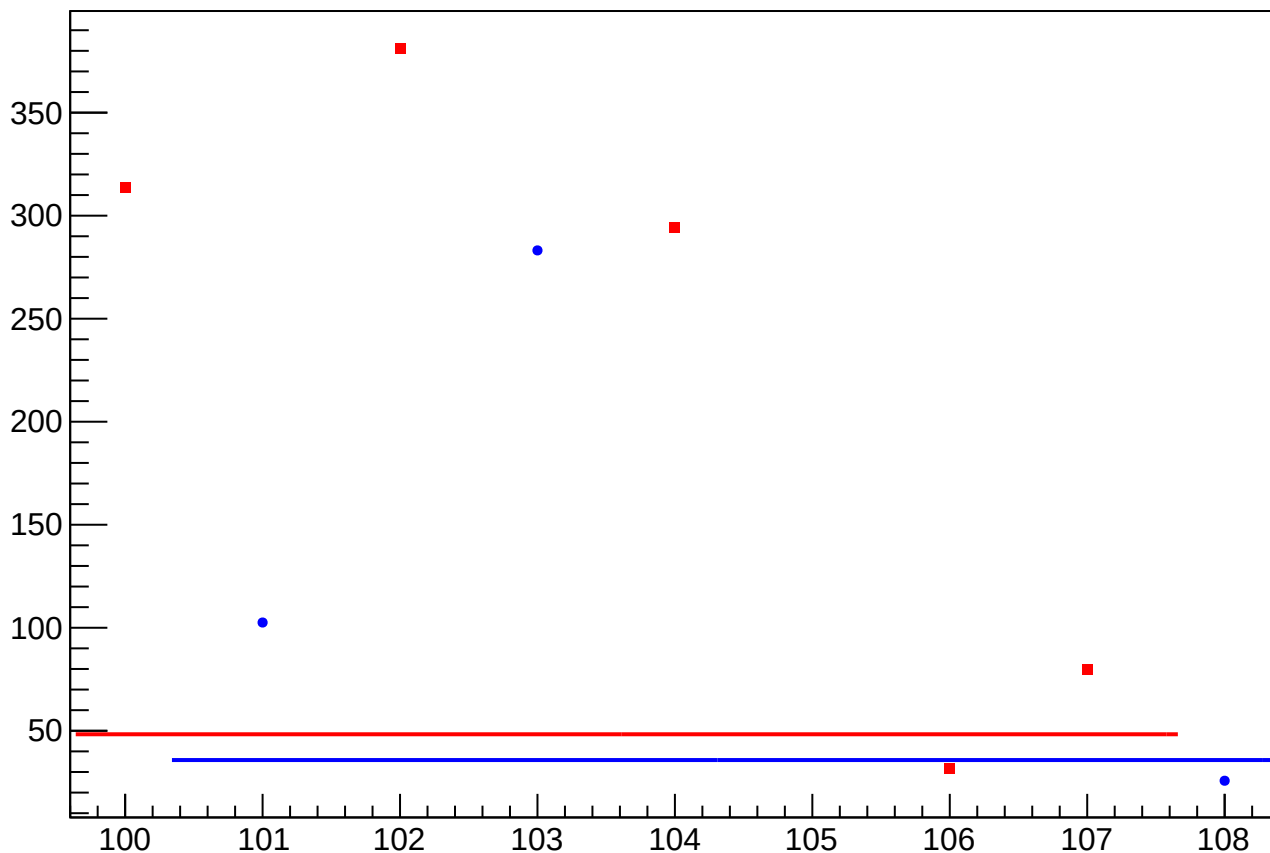
Right: 0.035+/-0.034 χ^2/NDF : 7.1/7

In: 0.059+/-0.041 χ^2/NDF : 2.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.035+/-0.034 χ^2/NDF : 7.1/7

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.797+/-0.029 χ^2/NDF : 1489013.7/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 48.308+/-0.044 χ^2/NDF : 1539561.3/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

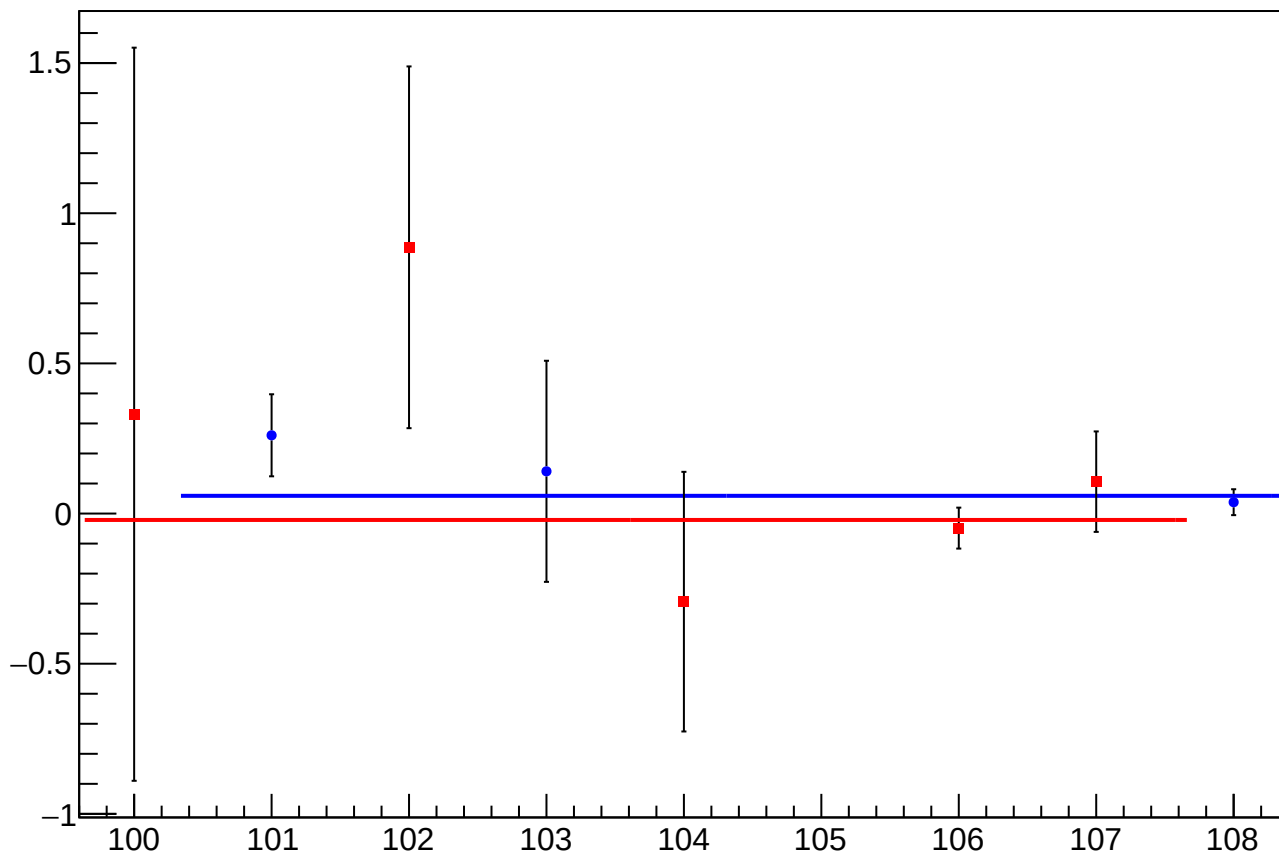
Right: 39.580+/-0.024 χ^2/NDF : 3085276.6/7

In: 35.797+/-0.029 χ^2/NDF :1489013.7/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 39.580+/-0.024 χ^2/NDF : 3085276.6/7

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.059 $\pm$ 0.041 χ^2 /NDF: 2.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.021 $\pm$ 0.062 χ^2 /NDF: 3.5/4

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

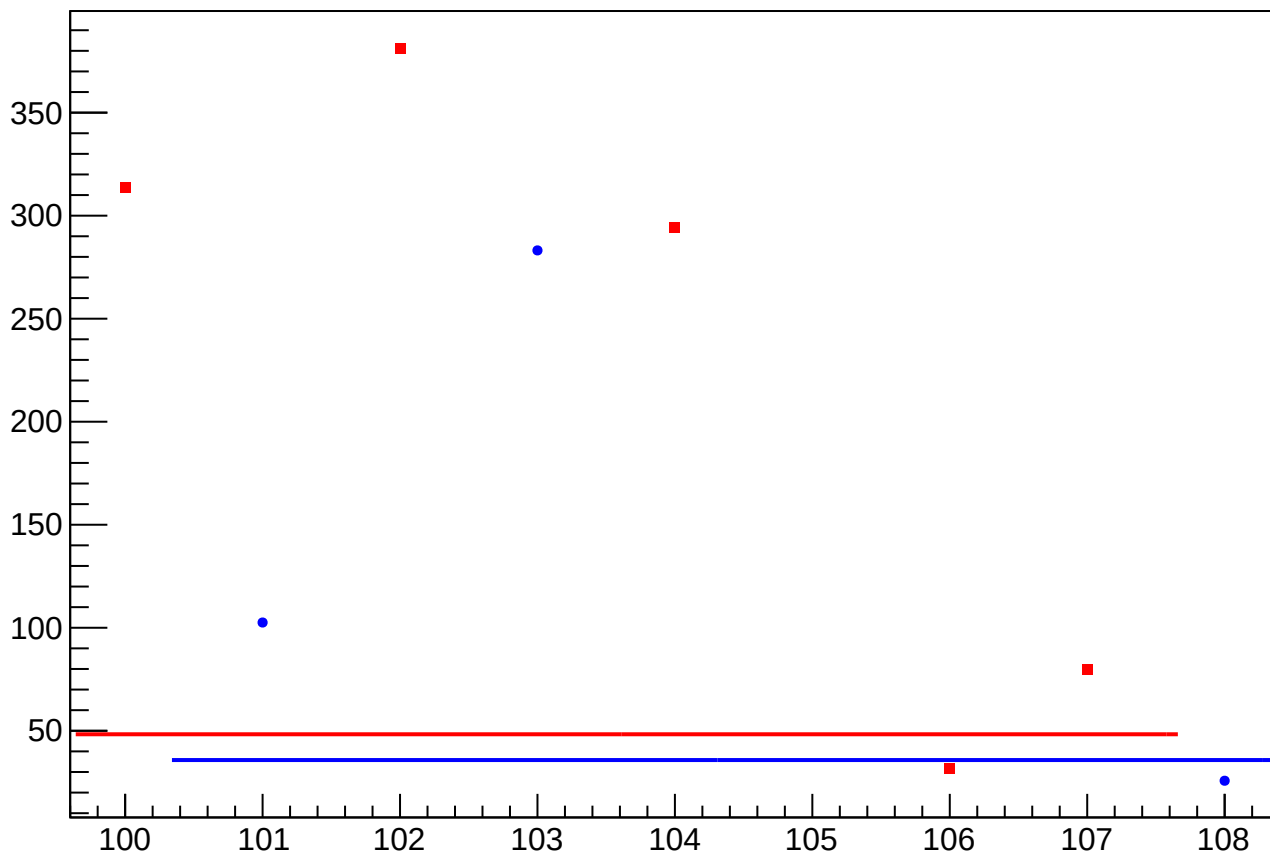
Right: 0.035 $\pm$ 0.034 χ^2 /NDF: 7.1/7

In: 0.059 $\pm$ 0.041 χ^2 /NDF: 2.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.035 $\pm$ 0.034 χ^2 /NDF: 7.1/7

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.797+/-0.029 χ^2/NDF : 1489013.7/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 48.308+/-0.044 χ^2/NDF : 1539561.3/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

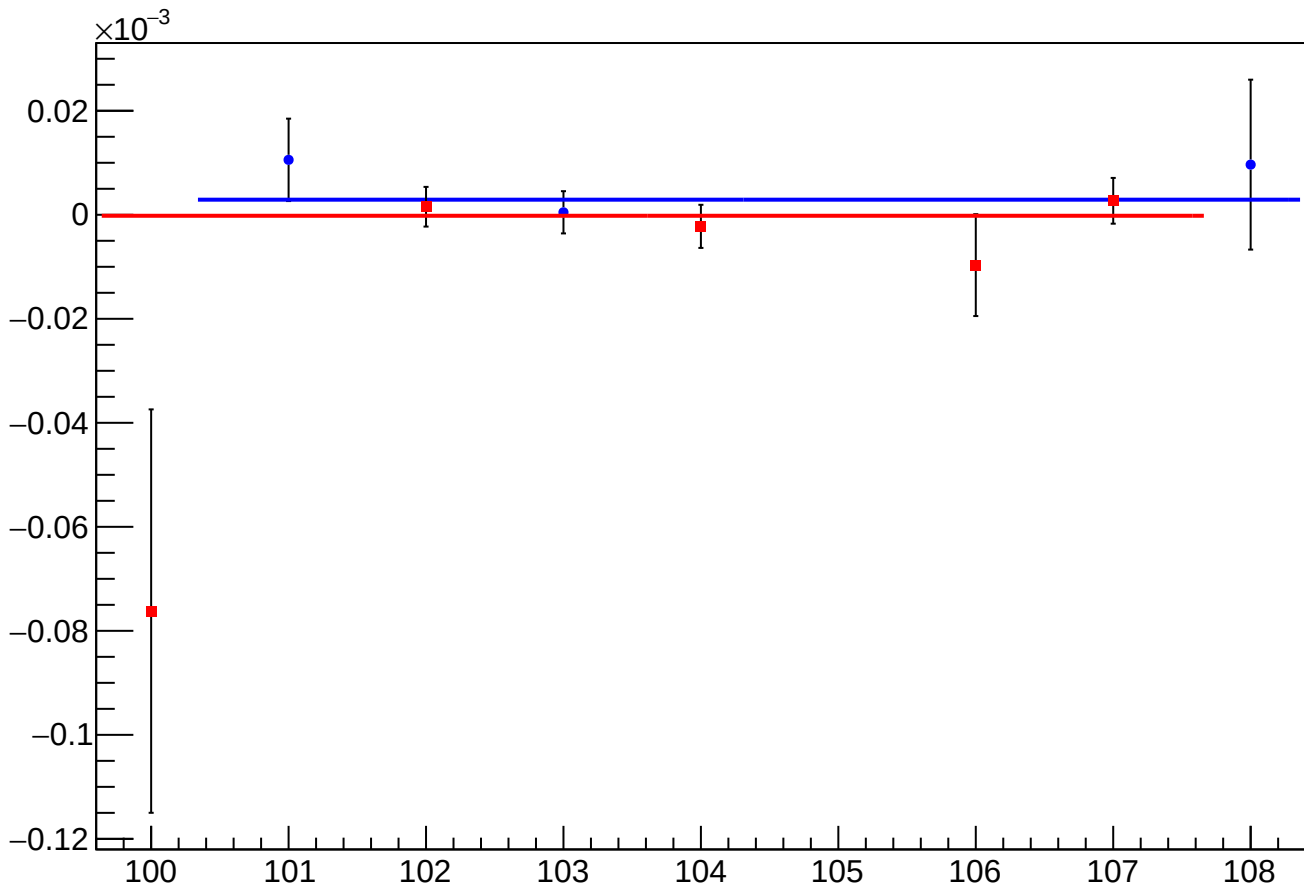
Right: 39.580+/-0.024 χ^2/NDF : 3085276.6/7

In: 35.797+/-0.029 χ^2/NDF :1489013.7/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 39.580+/-0.024 χ^2/NDF : 3085276.6/7

asym_atl_avg_atr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

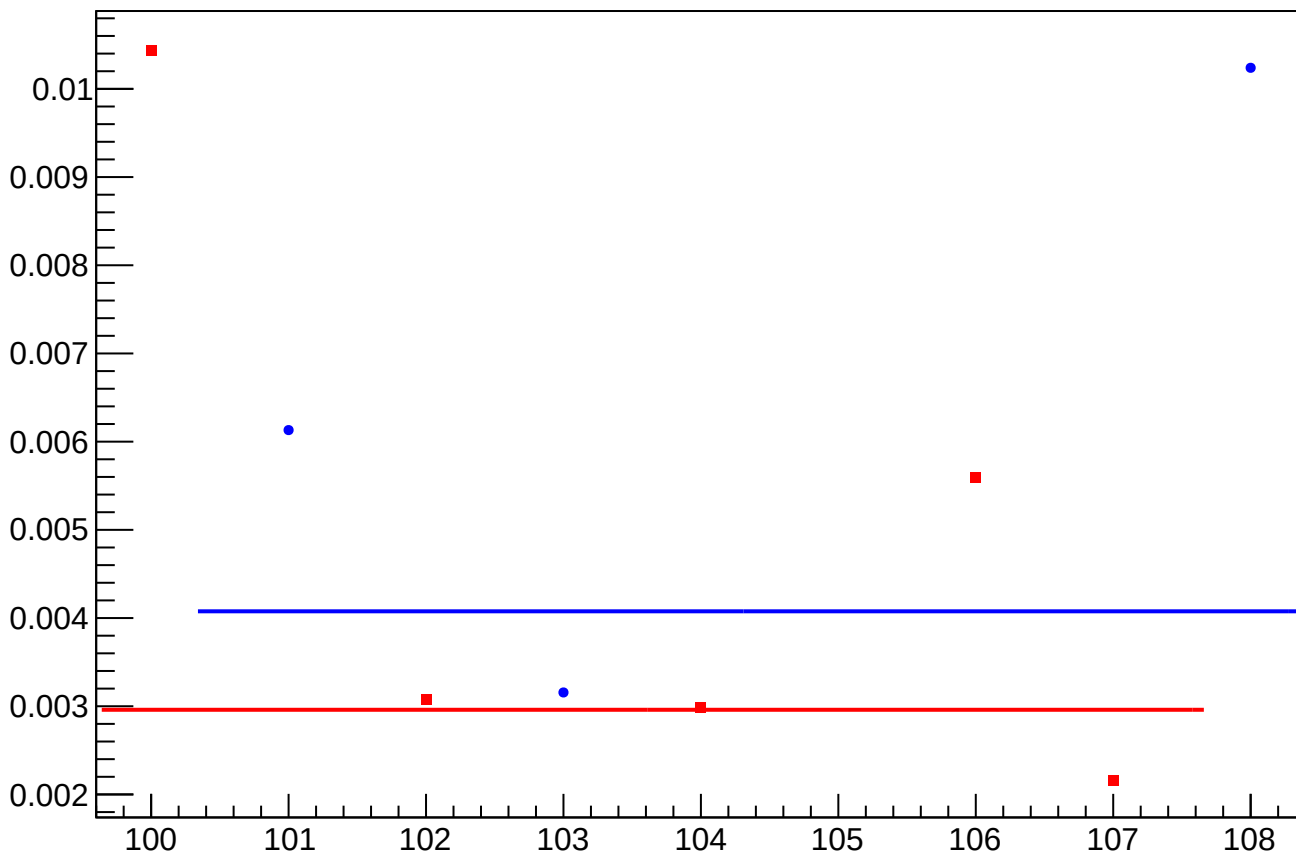
Right: 0.000+/-0.000 χ^2/NDF : 7.7/7

In: 0.000+/-0.000 χ^2/NDF : 1.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.7/7

asym_atl_avg_atr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 521789.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 286718.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

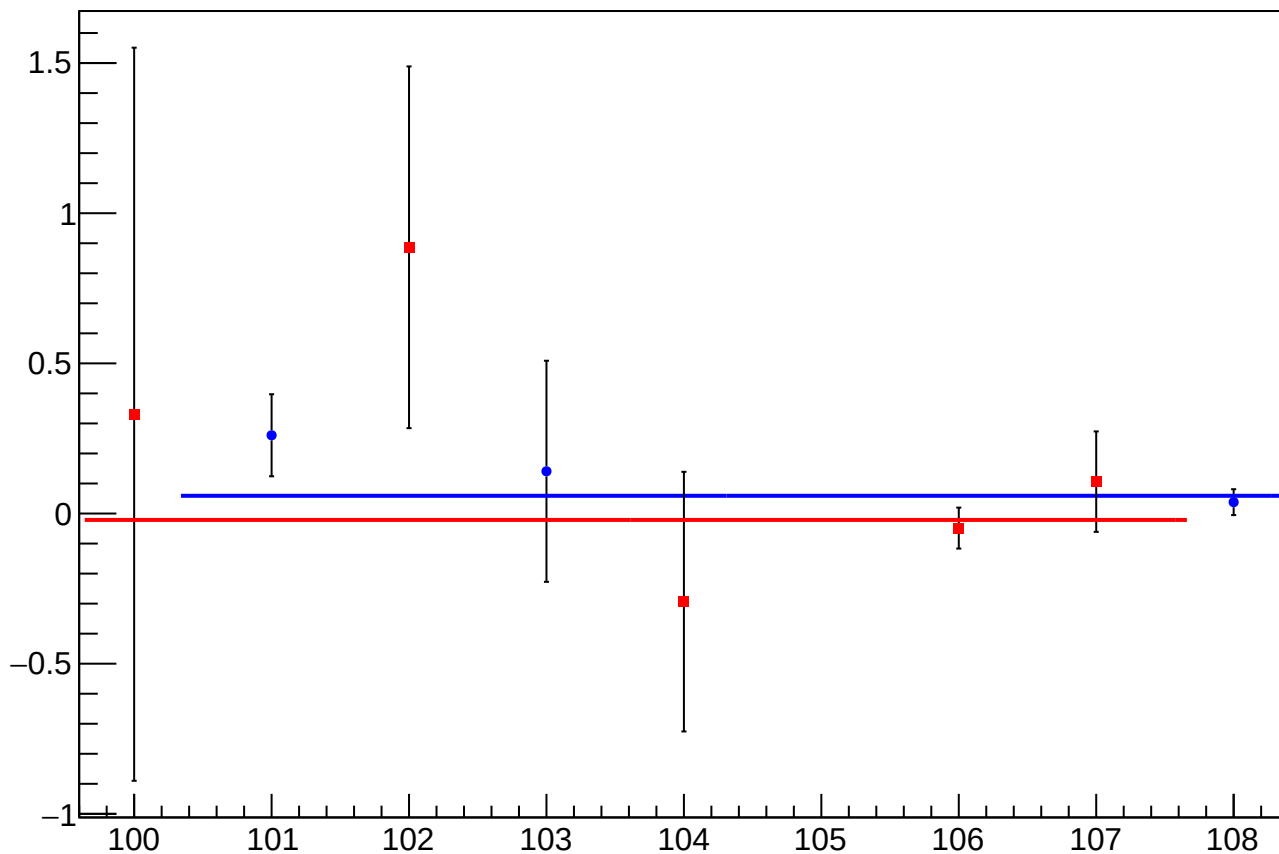
Right: 0.003+/-0.000 χ^2/NDF : 949196.1/7

In: 0.004+/-0.000 χ^2/NDF : 521789.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 949196.1/7

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.059 $\pm$ 0.041 χ^2 /NDF: 2.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.021 $\pm$ 0.062 χ^2 /NDF: 3.5/4

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

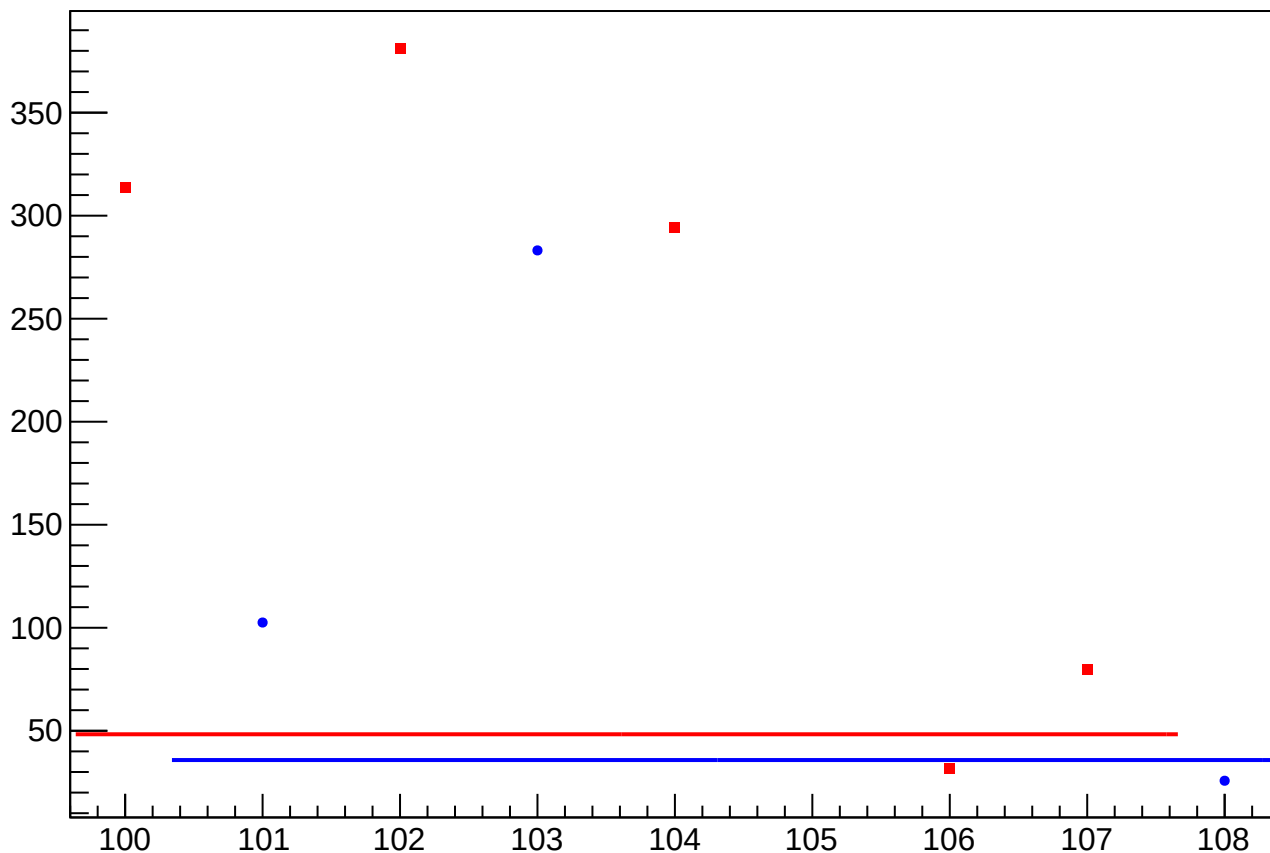
Right: 0.035 $\pm$ 0.034 χ^2 /NDF: 7.1/7

In: 0.059 $\pm$ 0.041 χ^2 /NDF:2.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.035 $\pm$ 0.034 χ^2 /NDF: 7.1/7

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.802+/-0.029 χ^2/NDF : 1488932.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.310+/-0.044 χ^2/NDF : 1539533.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

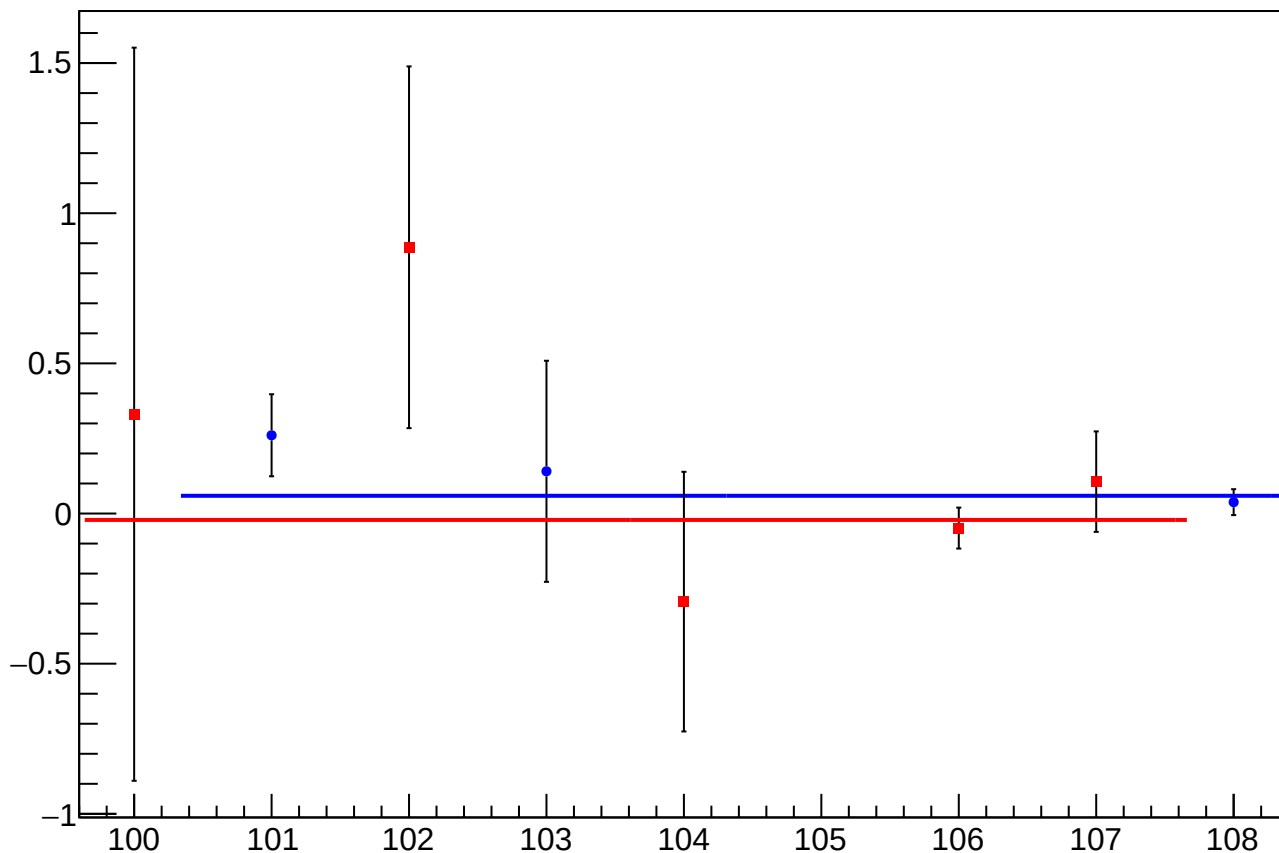
Right: 39.585+/-0.024 χ^2/NDF : 3085140.2/7

In: 35.802+/-0.029 χ^2/NDF : 1488932.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.585+/-0.024 χ^2/NDF : 3085140.2/7

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.059 $\pm$ 0.041 χ^2 /NDF: 2.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.021 $\pm$ 0.062 χ^2 /NDF: 3.5/4

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

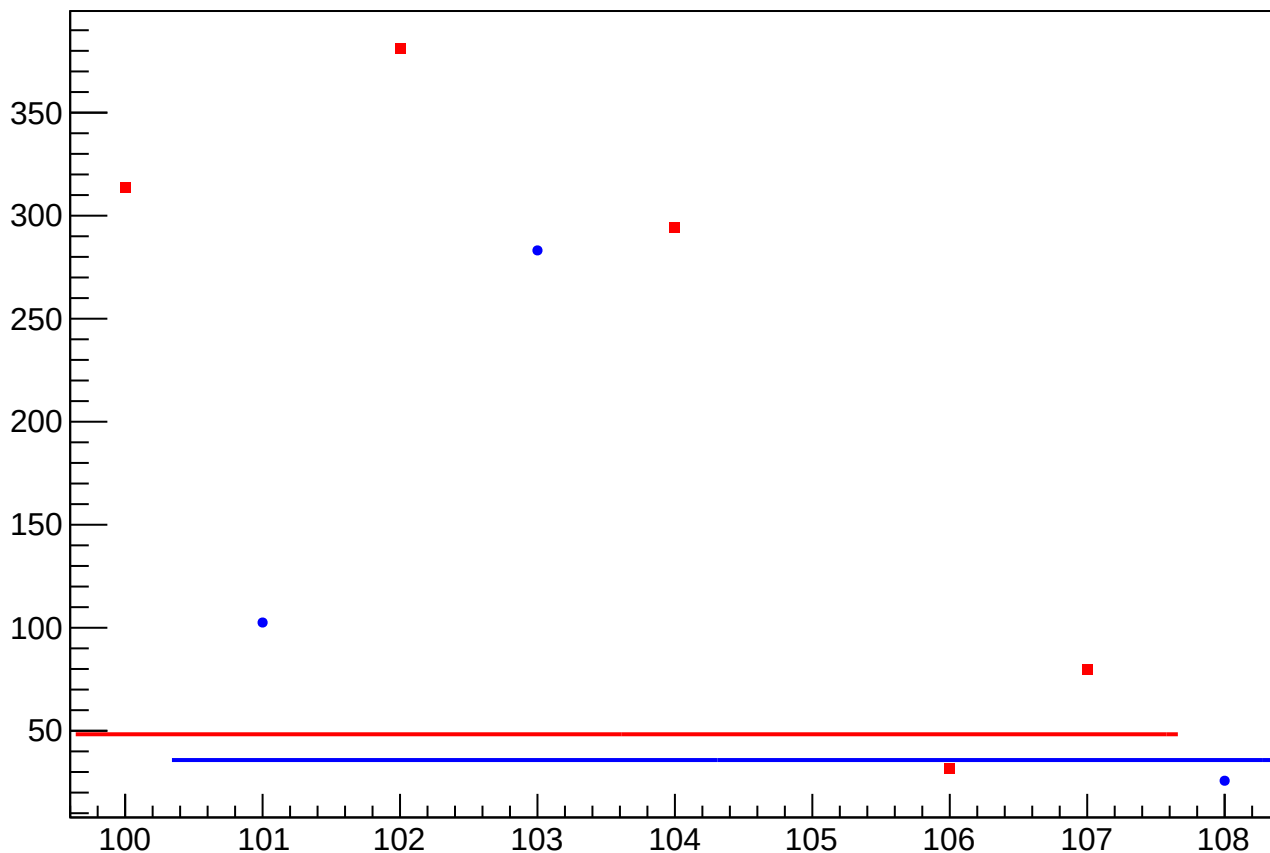
Right: 0.035 $\pm$ 0.034 χ^2 /NDF: 7.1/7

In: 0.059 $\pm$ 0.041 χ^2 /NDF: 2.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.035 $\pm$ 0.034 χ^2 /NDF: 7.1/7

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.802+/-0.029 χ^2/NDF : 1488932.1/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 48.310+/-0.044 χ^2/NDF : 1539533.6/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

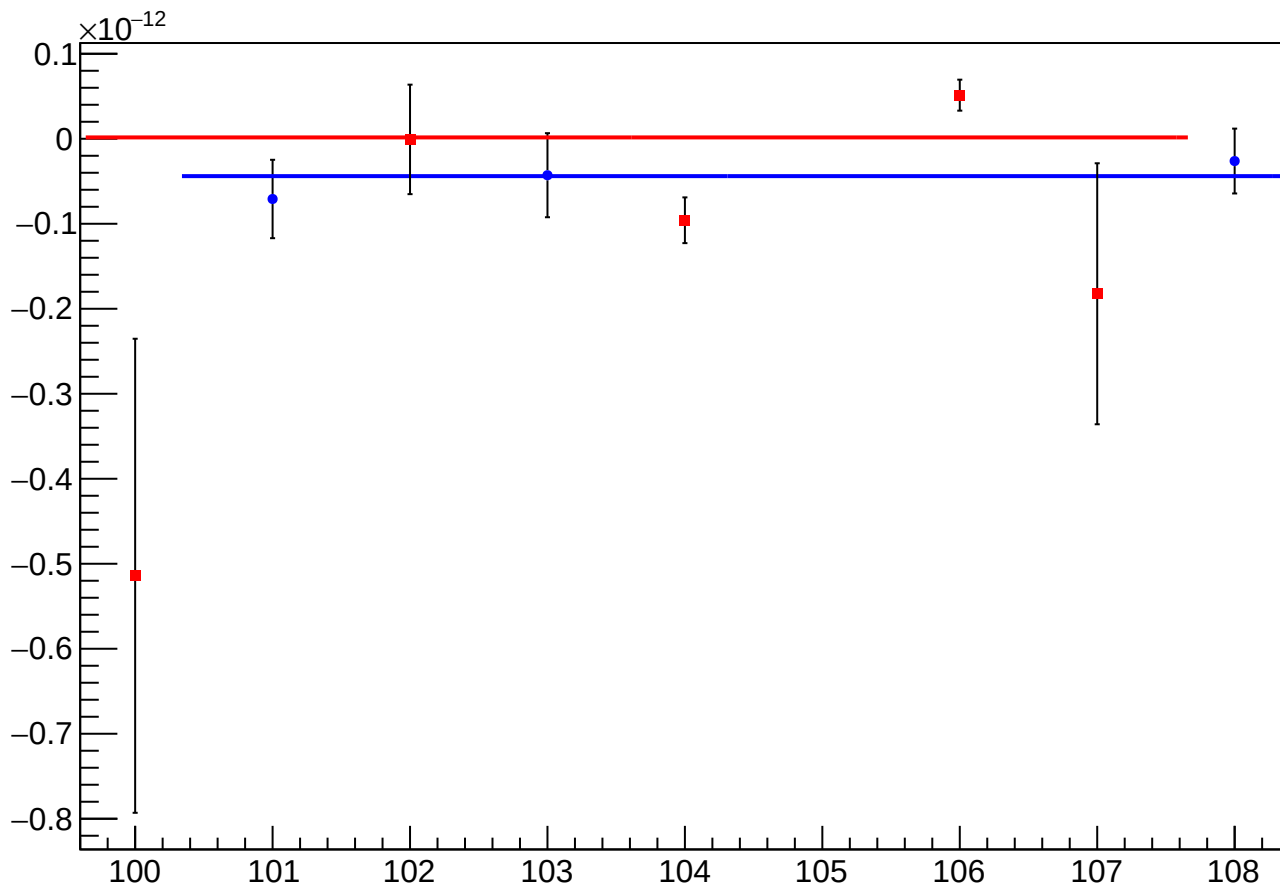
Right: 39.585+/-0.024 χ^2/NDF : 3085140.2/7

In: 35.802+/-0.029 χ^2/NDF :1488932.1/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 39.585+/-0.024 χ^2/NDF : 3085140.2/7

asym_atl_avg_atr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 $\chi^2/\text{NDF}: 0.6/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 25.4/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

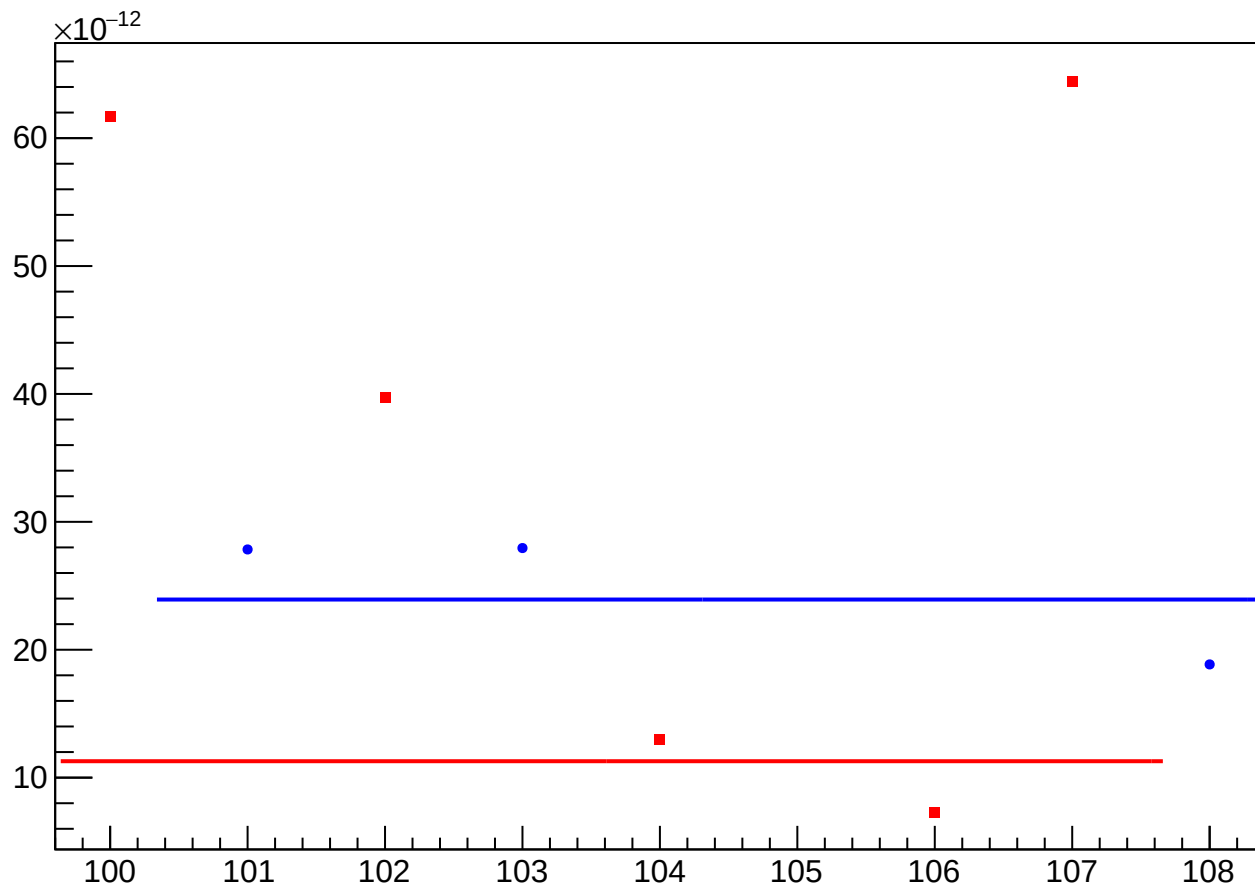
Right: -0.000 ± 0.000 $\chi^2/\text{NDF}: 28.4/7$

In: -0.000 ± 0.000 $\chi^2/\text{NDF}: 0.6/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.000 ± 0.000 $\chi^2/\text{NDF}: 28.4/7$

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 : 63037.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 801140.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

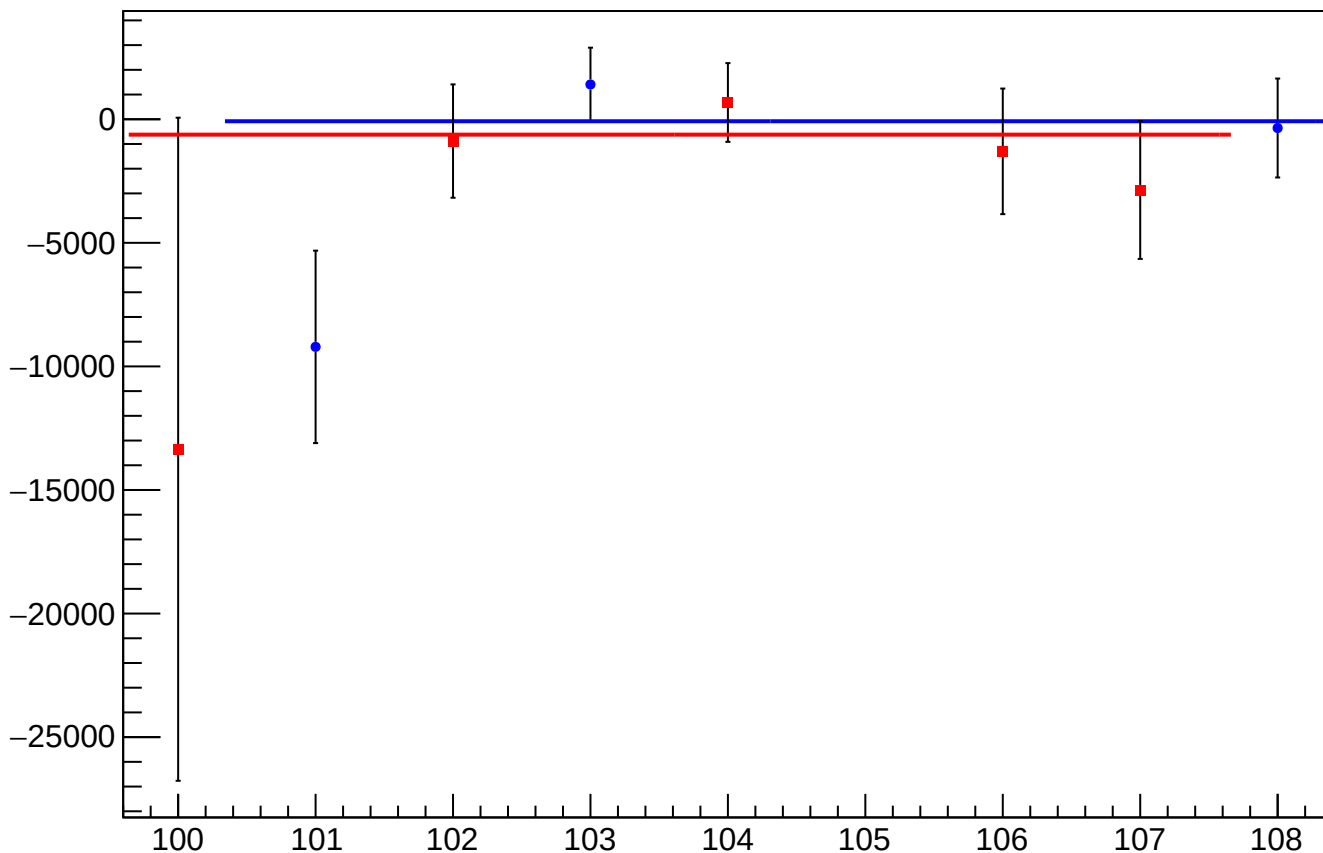
Right: 0.000+/-0.000 χ^2/NDF : 1239369.1/7

In: 0.000+/-0.000 χ^2/NDF : 63037.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1239369.1/7

reg_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -80.507+/-1142.288 χ^2/NDF : 6.5/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -622.730+/-1070.007 χ^2/NDF : 2.3/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

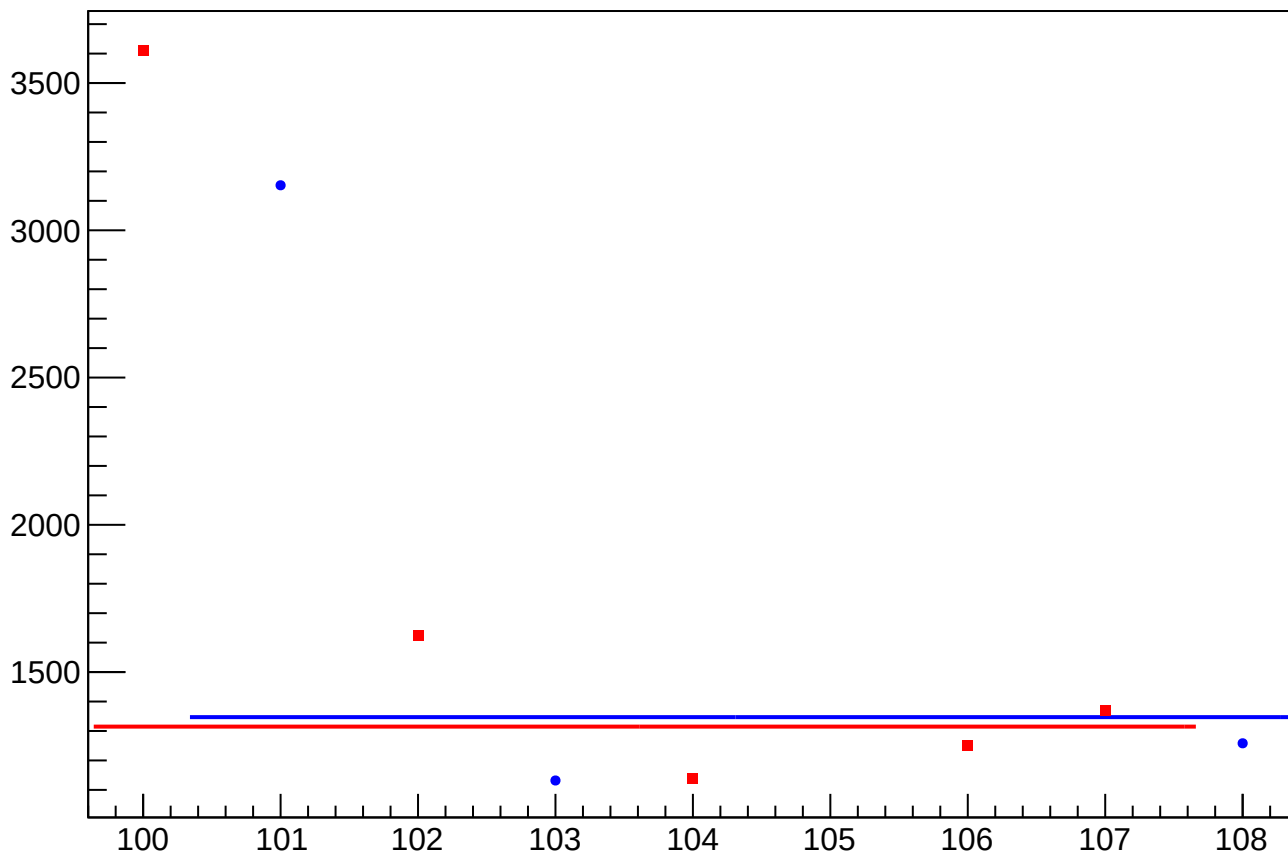
Right: -369.315+/-780.913 χ^2/NDF : 8.9/7

In: -80.507+/-1142.288 χ^2/NDF :6.5/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -369.315+/-780.913 χ^2/NDF : 8.9/7

reg_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1347.039+/-0.808 χ^2/NDF : 475984.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1314.855+/-0.757 χ^2/NDF : 120997.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

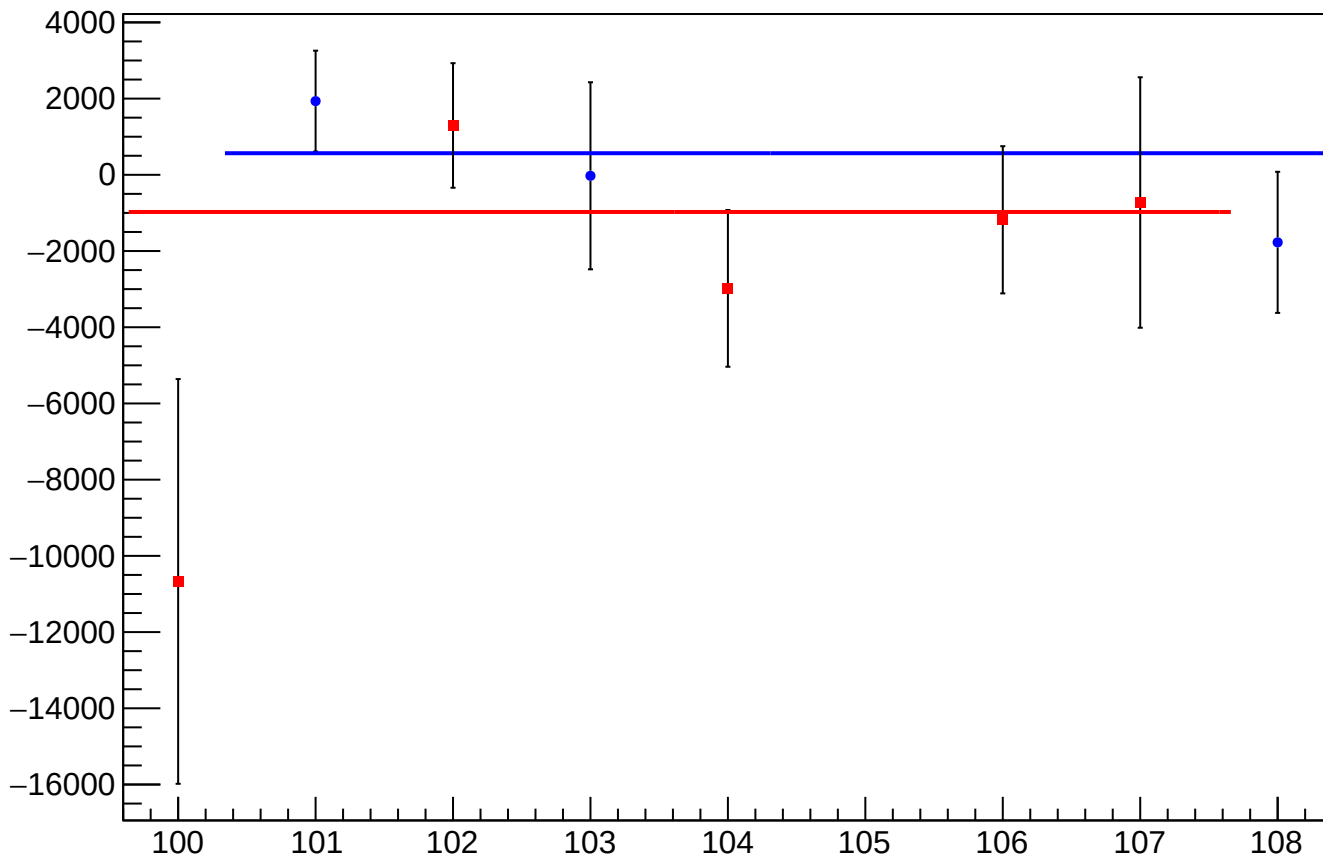
Right: 1329.896+/-0.552 χ^2/NDF : 597827.7/7

In: 1347.039+/-0.808 χ^2/NDF : 475984.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1329.896+/-0.552 χ^2/NDF : 597827.7/7

asym_atl_dd_atr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 566.989+/-986.038 χ^2/NDF : 2.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -975.082+/-996.549 χ^2/NDF : 6.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

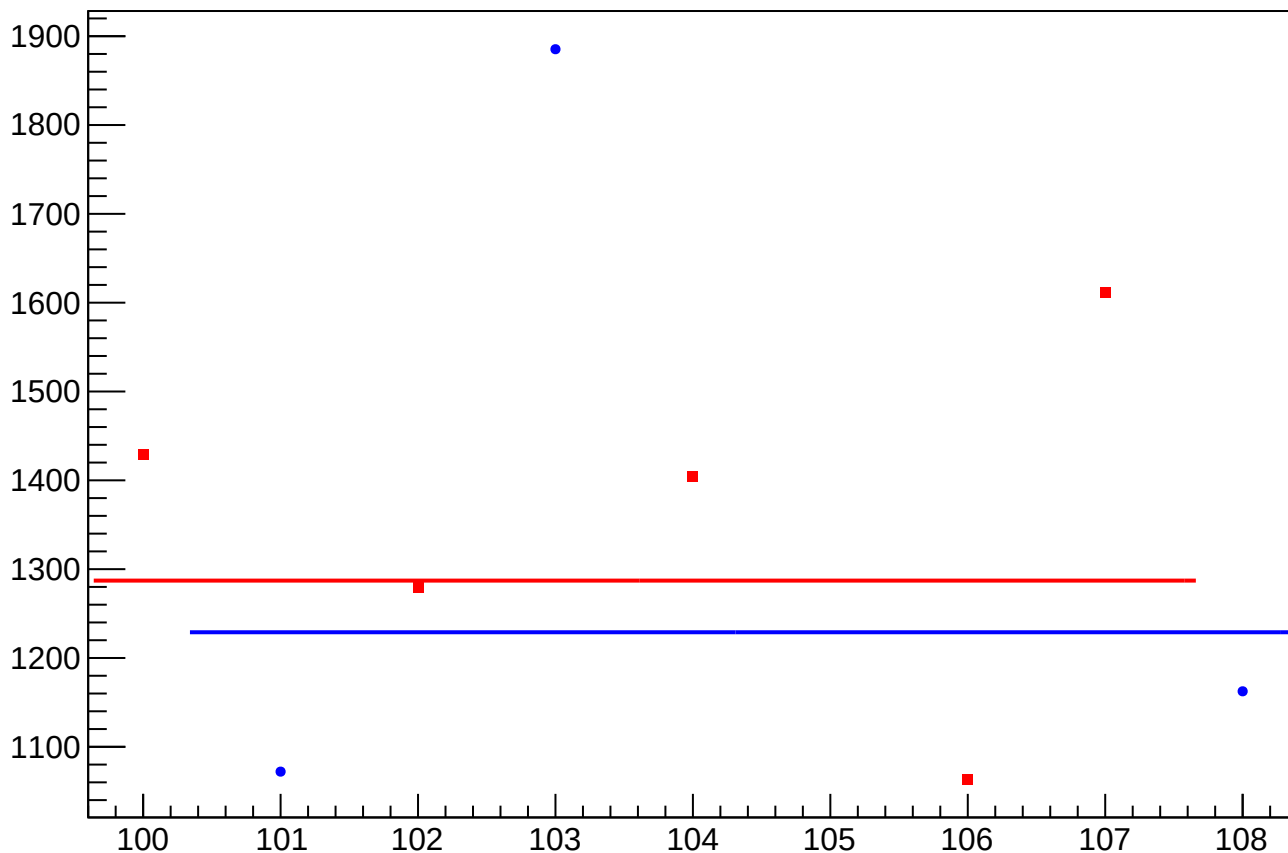
Right: -195.872+/-700.921 χ^2/NDF : 10.2/7

In: 566.989+/-986.038 χ^2/NDF : 2.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -195.872+/-700.921 χ^2/NDF : 10.2/7

asym_atl_dd_atr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1228.967 $\pm$ 0.697 χ^2 /NDF: 173716.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1287.123 $\pm$ 0.705 χ^2 /NDF: 54354.8/4

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

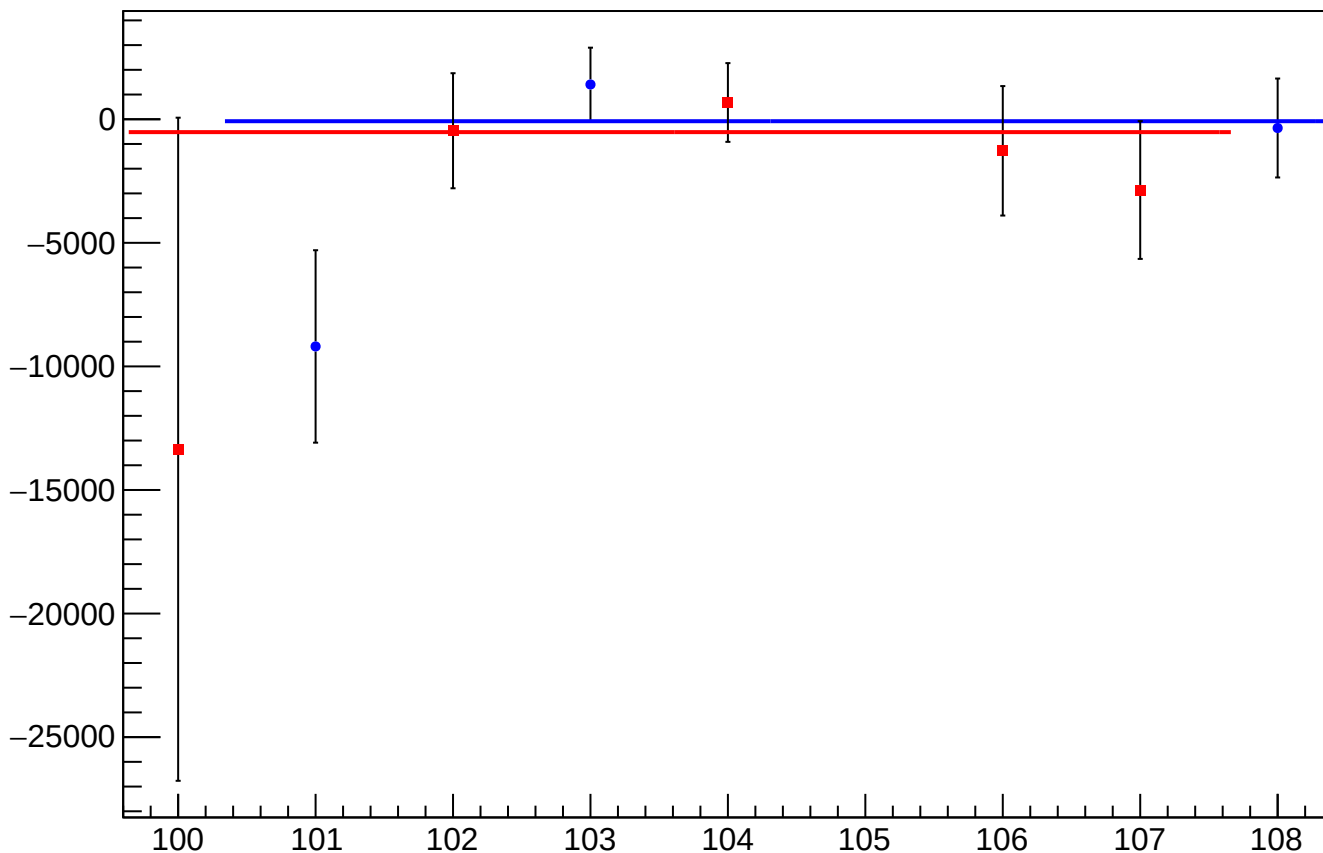
Right: 1257.737 $\pm$ 0.496 χ^2 /NDF: 231513.4/7

In: 1228.967 $\pm$ 0.697 χ^2 /NDF:173716.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1257.737 $\pm$ 0.496 χ^2 /NDF: 231513.4/7

cor_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -79.009 ± 1142.289 χ^2/NDF : 6.5/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -520.704 ± 1079.124 χ^2/NDF : 2.3/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

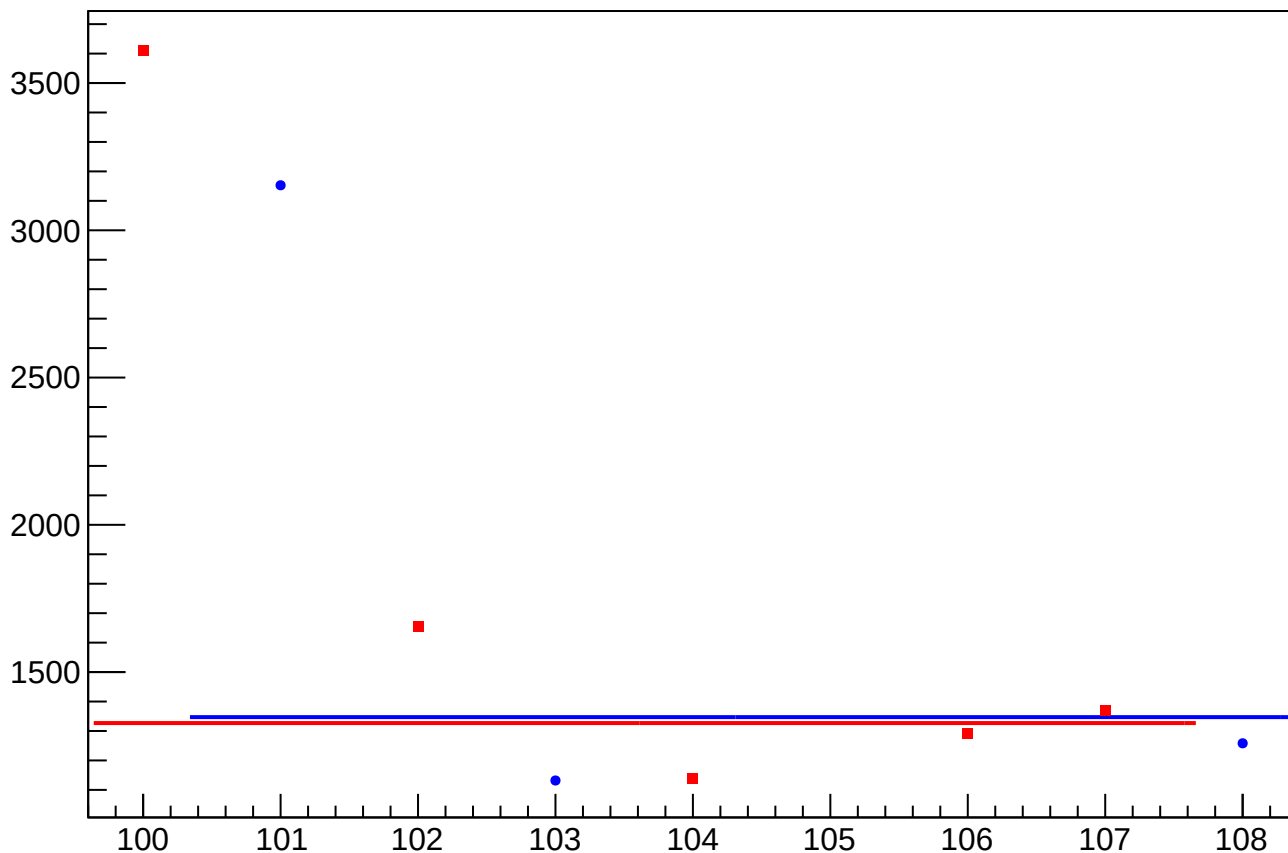
Right: -312.406 ± 784.436 χ^2/NDF : 8.8/7

In: -79.009 ± 1142.289 χ^2/NDF : 6.5/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -312.406 ± 784.436 χ^2/NDF : 8.8/7

cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1347.038+/-0.808 χ^2/NDF : 475986.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1326.917+/-0.763 χ^2/NDF : 126133.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

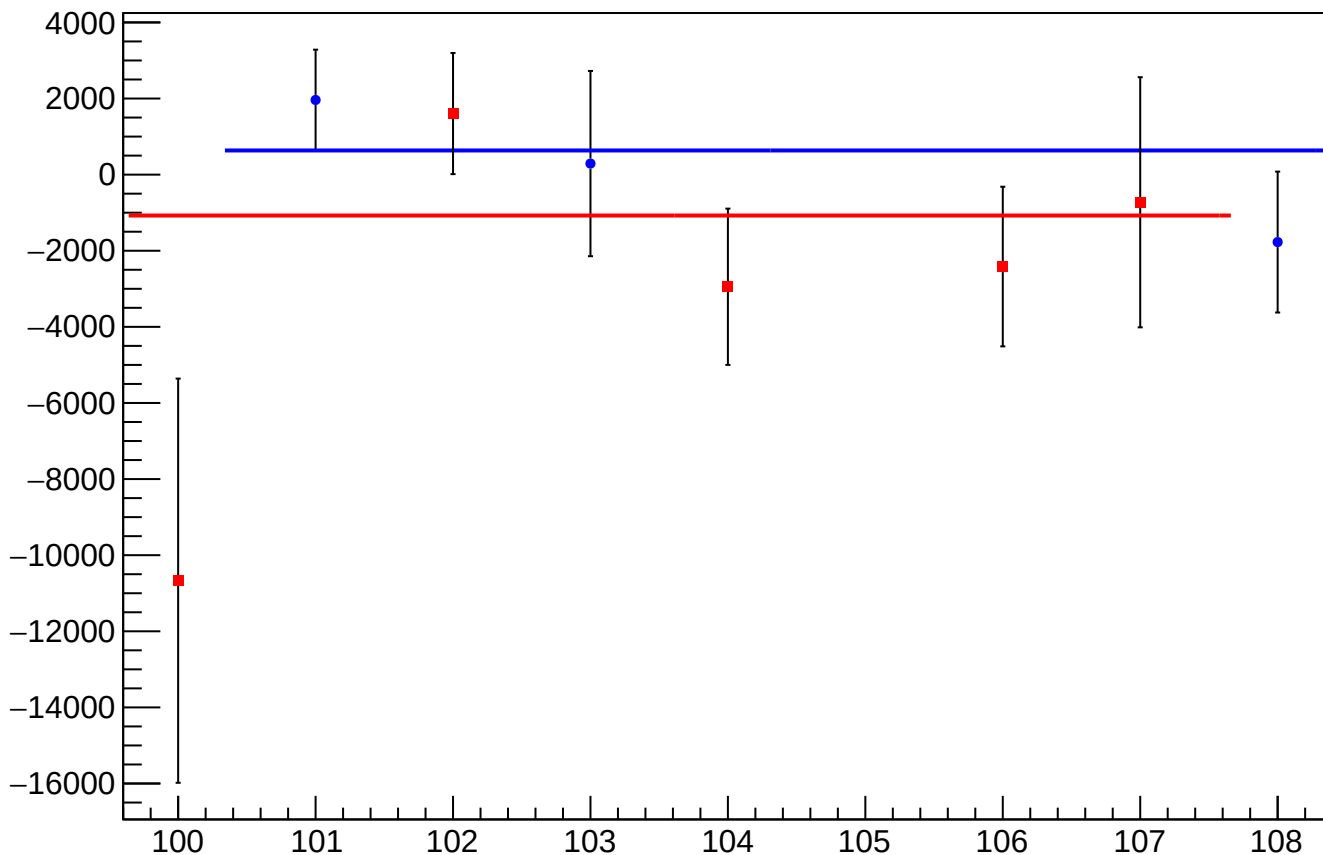
Right: 1336.406+/-0.555 χ^2/NDF : 602447.8/7

In: 1347.038+/-0.808 χ^2/NDF : 475986.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1336.406+/-0.555 χ^2/NDF : 602447.8/7

asym_atl_dd_atr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 634.948+/-983.854 χ^2/NDF : 2.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1073.988+/-1006.581 χ^2/NDF : 7.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

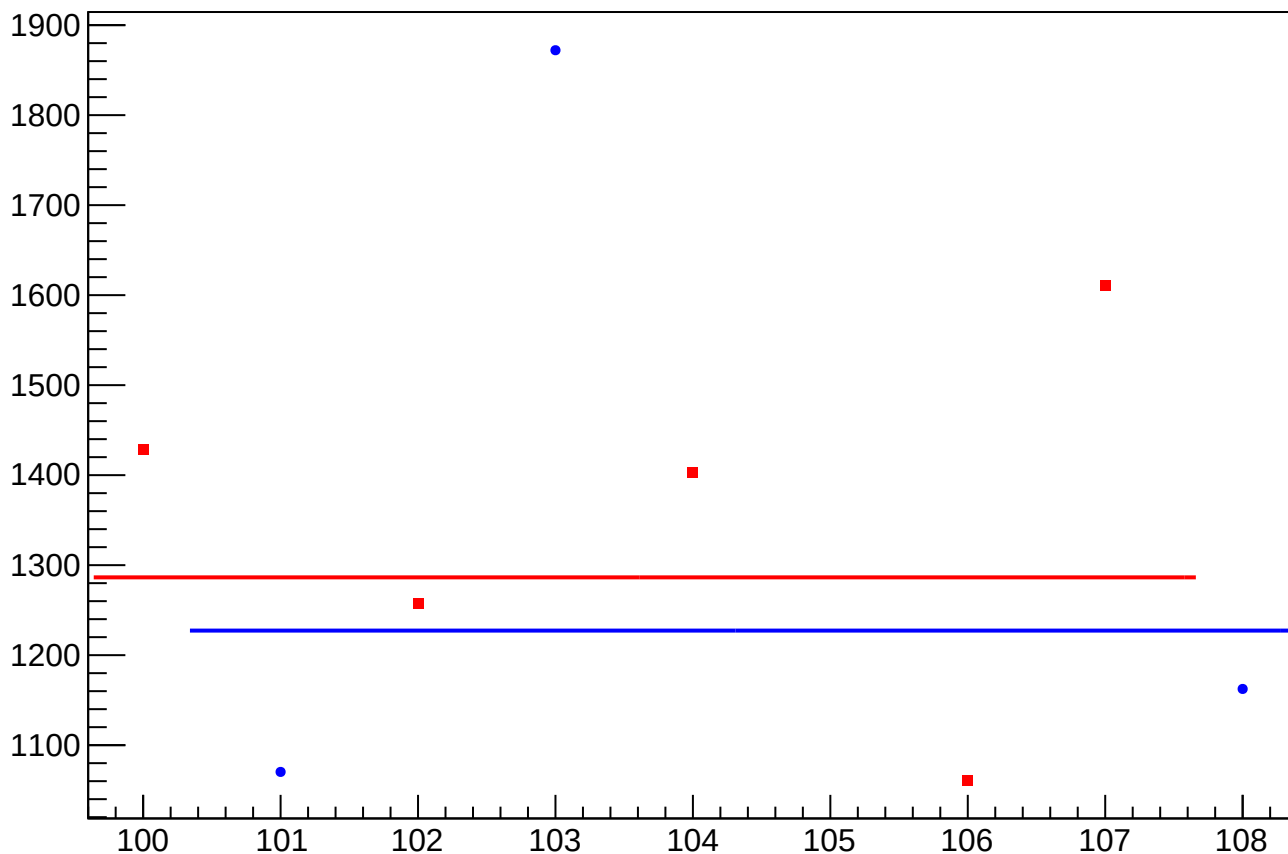
Right: -200.010+/-703.587 χ^2/NDF : 11.5/7

In: 634.948+/-983.854 χ^2/NDF : 2.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -200.010+/-703.587 χ^2/NDF : 11.5/7

asym_atl_dd_atr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1227.299+/-0.696 χ^2/NDF : 171033.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1286.440+/-0.712 χ^2/NDF : 51236.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

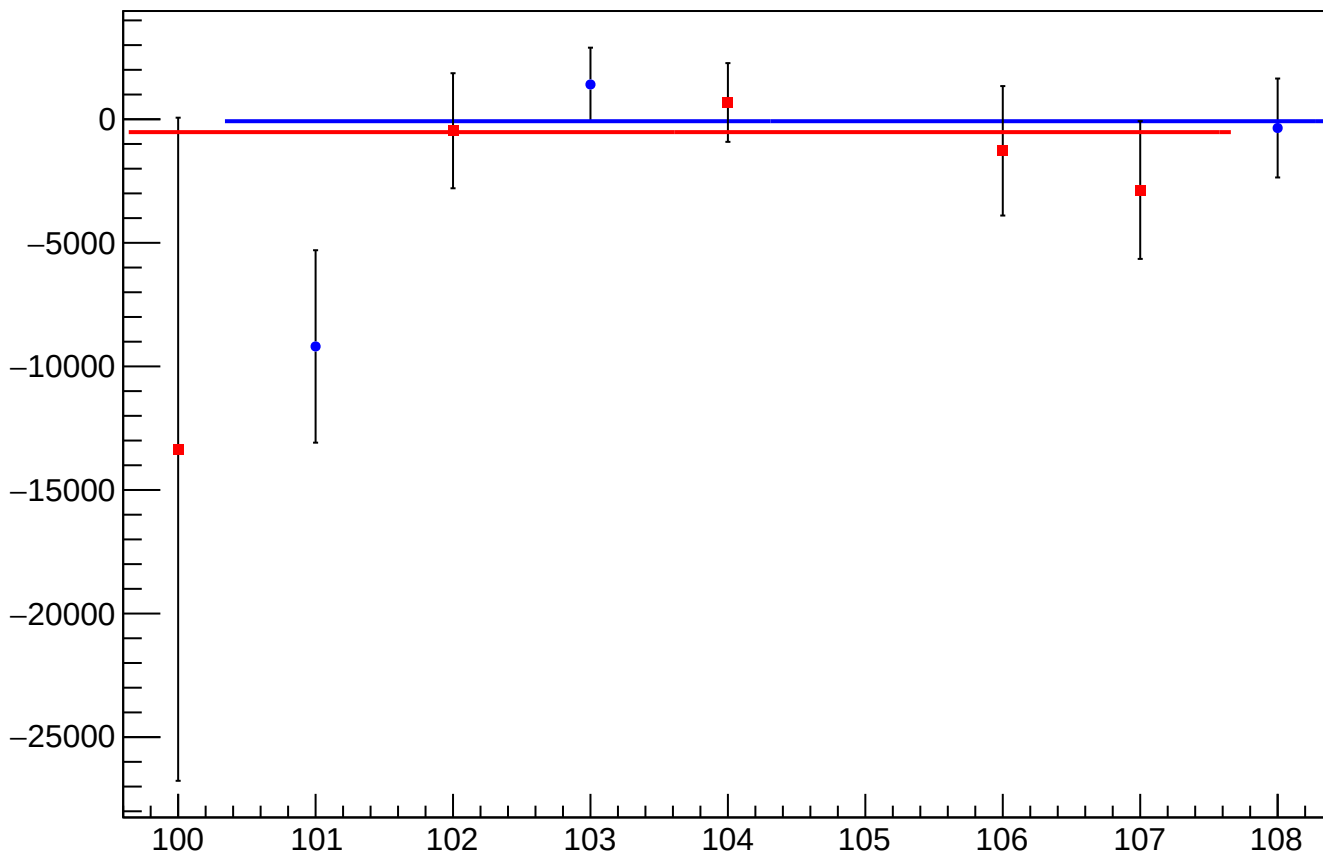
Right: 1256.194+/-0.498 χ^2/NDF : 225800.5/7

In: 1227.299+/-0.696 χ^2/NDF : 171033.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1256.194+/-0.498 χ^2/NDF : 225800.5/7

eigen_cor_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -79.009+/-1142.289 χ^2 /NDF: 6.5/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -520.704+/-1079.124 χ^2 /NDF: 2.3/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

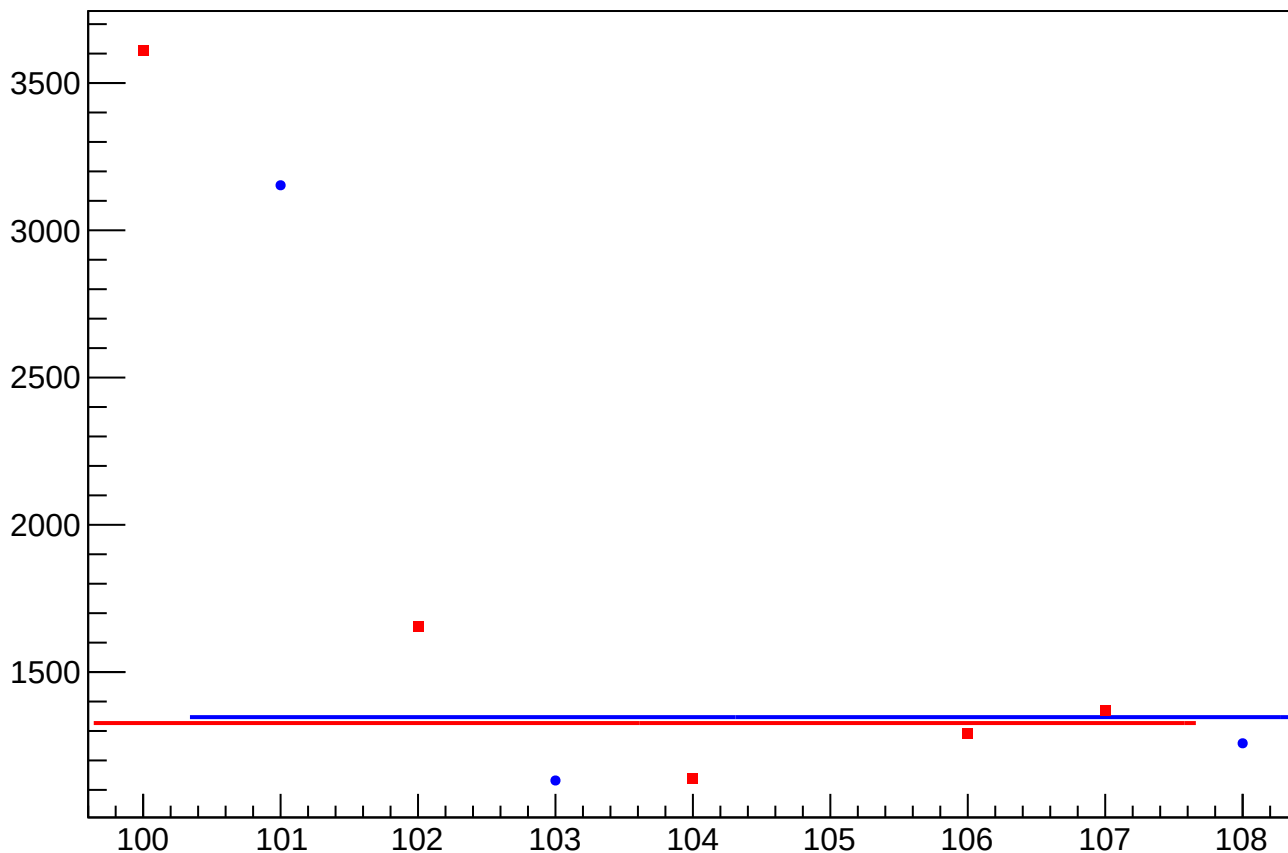
Right: -312.406+/-784.436 χ^2 /NDF: 8.8/7

In: -79.009+/-1142.289 χ^2 /NDF:6.5/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -312.406+/-784.436 χ^2 /NDF: 8.8/7

eigen_cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1347.038+/-0.808 χ^2/NDF : 475986.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1326.917+/-0.763 χ^2/NDF : 126133.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

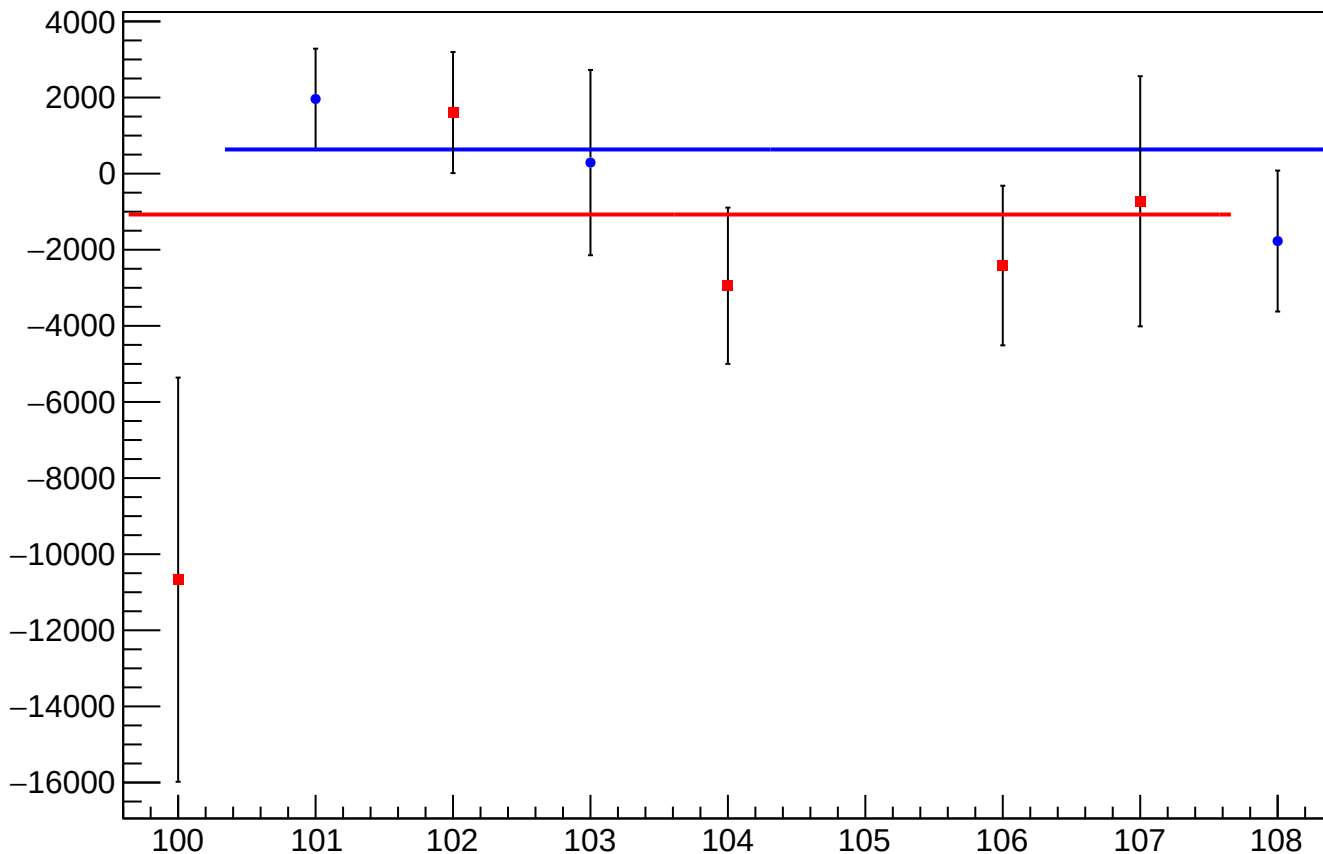
Right: 1336.406+/-0.555 χ^2/NDF : 602447.8/7

In: 1347.038+/-0.808 χ^2/NDF : 475986.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1336.406+/-0.555 χ^2/NDF : 602447.8/7

asym_atl_dd_atr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 634.948+/-983.854 χ^2/NDF : 2.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1073.988+/-1006.581 χ^2/NDF : 7.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

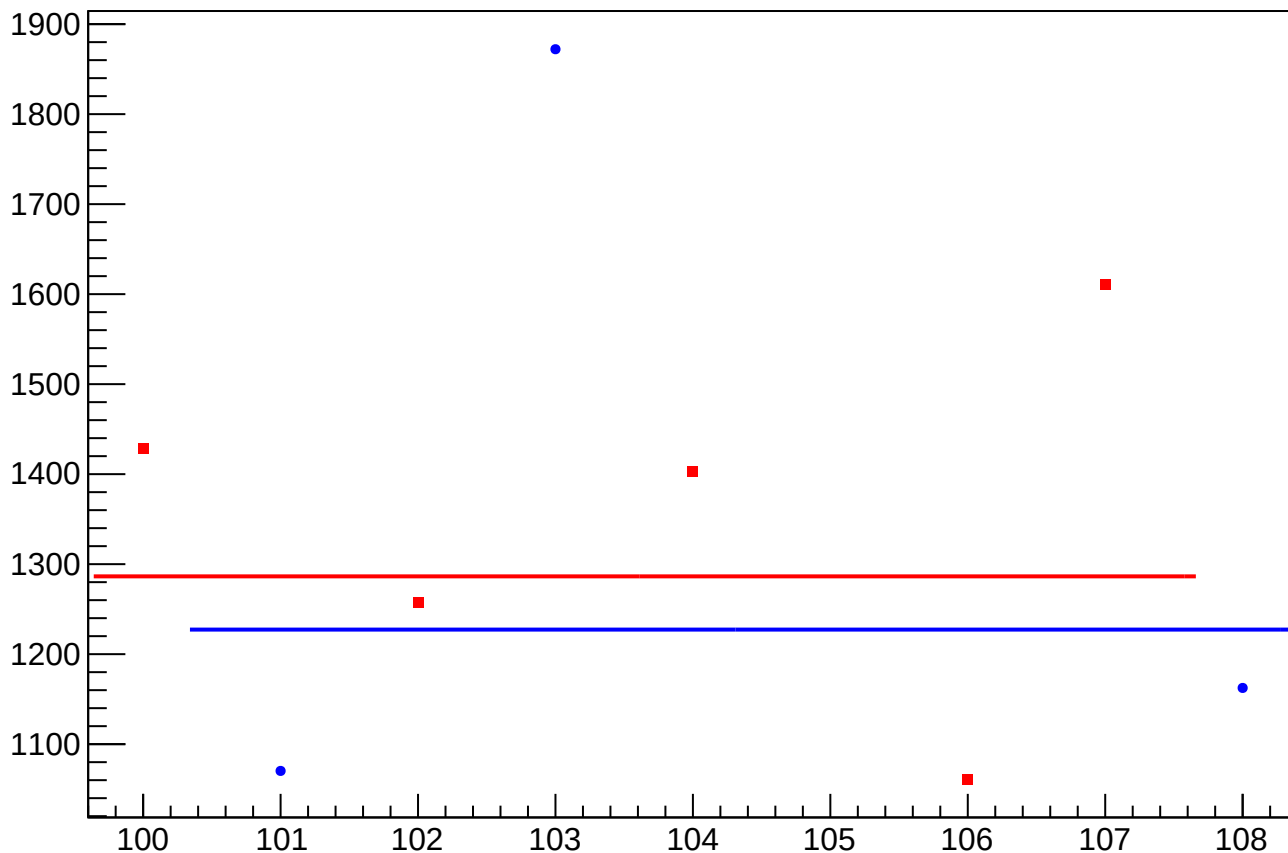
Right: -200.010+/-703.587 χ^2/NDF : 11.5/7

In: 634.948+/-983.854 χ^2/NDF : 2.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -200.010+/-703.587 χ^2/NDF : 11.5/7

asym_atl_dd_atr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1227.299+/-0.696 χ^2/NDF : 171033.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1286.440+/-0.712 χ^2/NDF : 51236.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

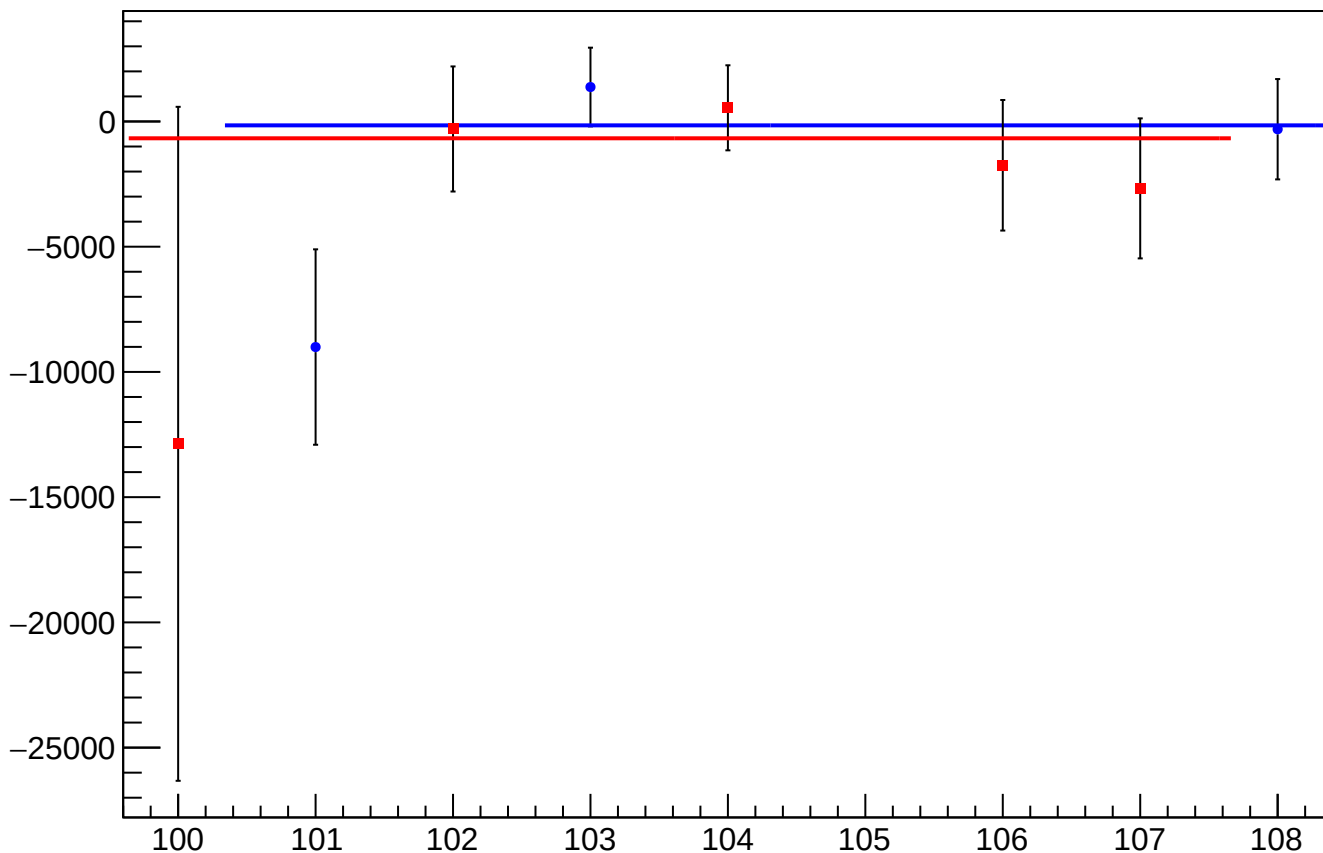
Right: 1256.194+/-0.498 χ^2/NDF : 225800.5/7

In: 1227.299+/-0.696 χ^2/NDF : 171033.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1256.194+/-0.498 χ^2/NDF : 225800.5/7

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -155.334+/-1178.516 χ^2/NDF : 6.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -671.863+/-1126.587 χ^2/NDF : 2.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

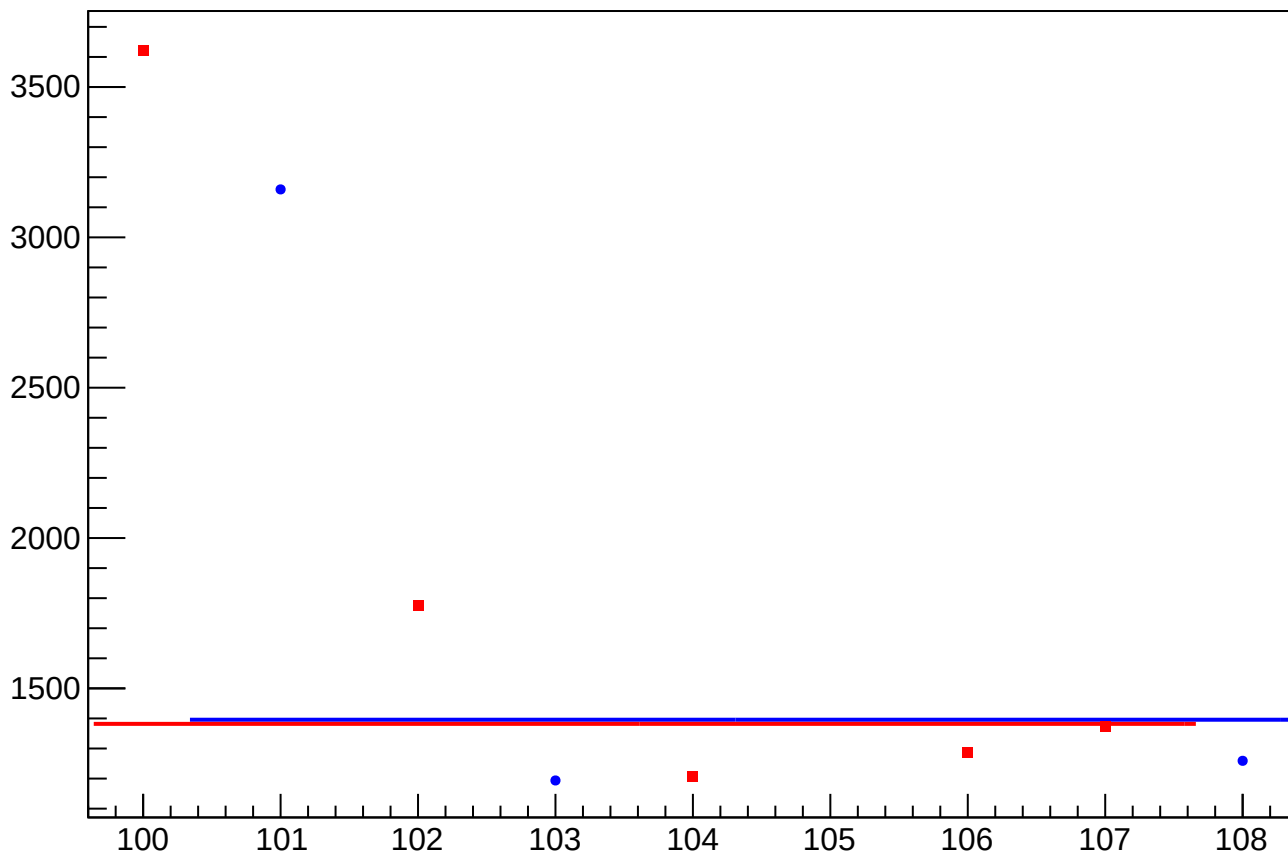
Right: -425.229+/-814.357 χ^2/NDF : 8.2/7

In: -155.334+/-1178.516 χ^2/NDF : 6.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -425.229+/-814.357 χ^2/NDF : 8.2/7

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1395.724 $\pm$ 0.833 χ^2 /NDF: 451136.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1381.959 $\pm$ 0.797 χ^2 /NDF: 128999.8/4

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

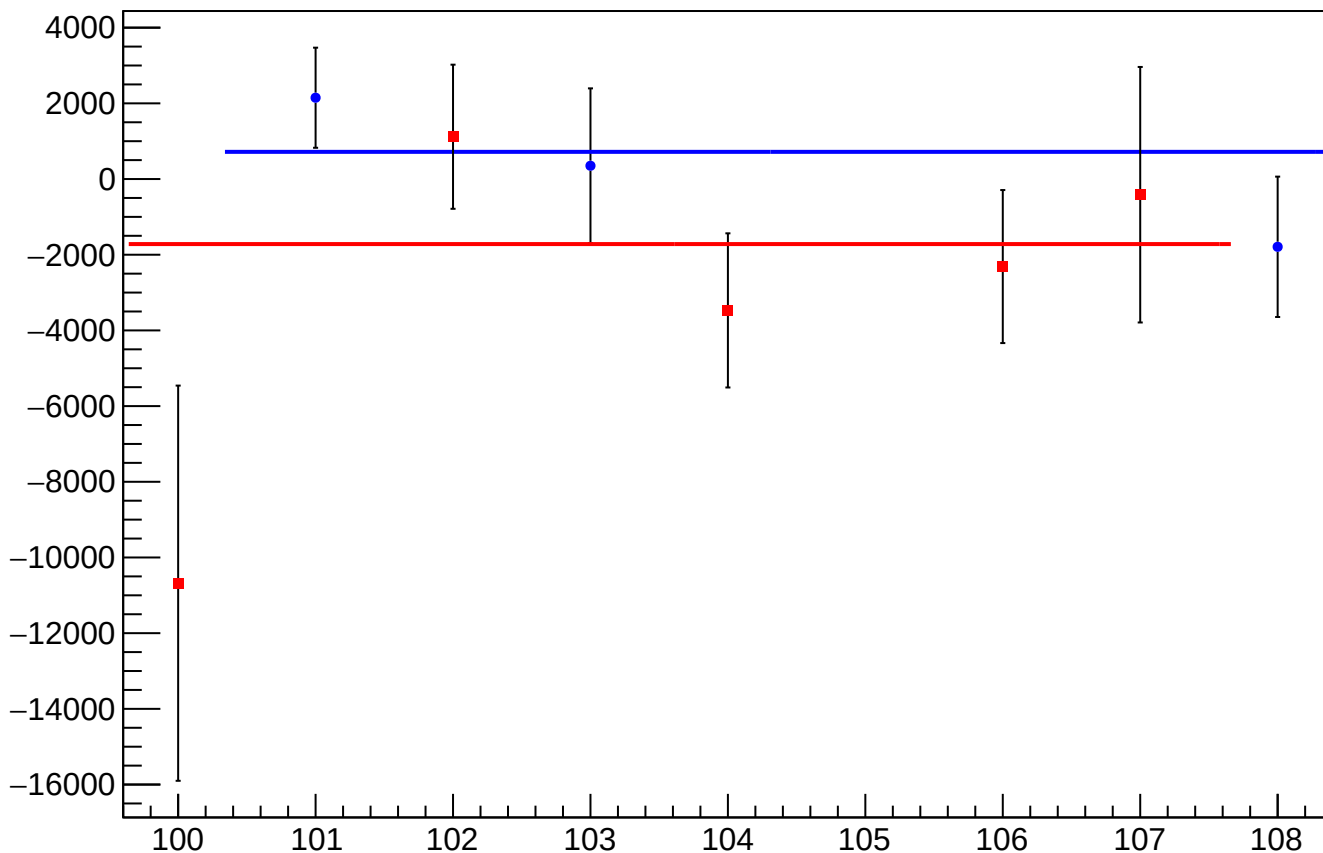
Right: 1388.531 $\pm$ 0.576 χ^2 /NDF: 580279.1/7

In: 1395.724 $\pm$ 0.833 χ^2 /NDF:451136.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1388.531 $\pm$ 0.576 χ^2 /NDF: 580279.1/7

asym_atl_dd_atr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 718.415+/-952.825 χ^2/NDF : 3.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1718.487+/-1062.448 χ^2/NDF : 6.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

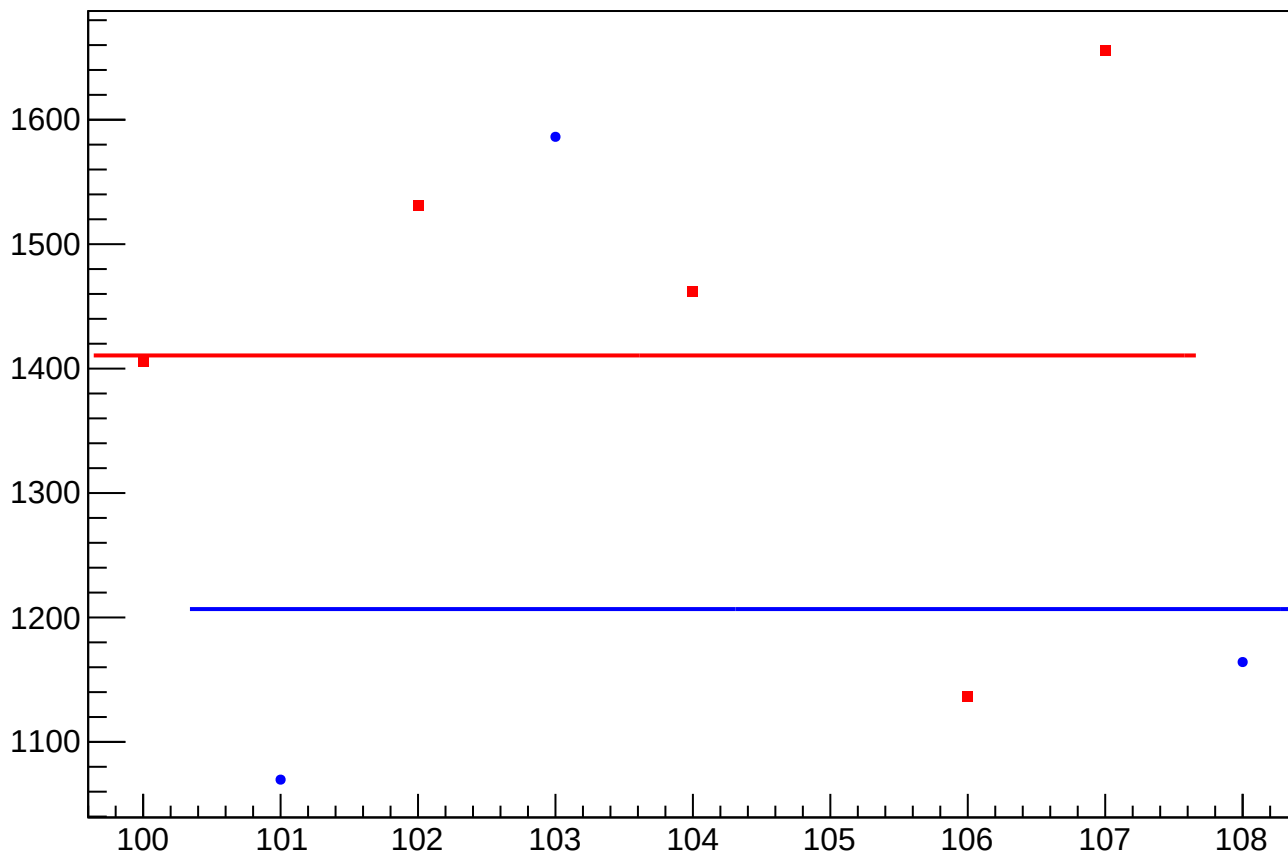
Right: -367.870+/-709.350 χ^2/NDF : 12.1/7

In: 718.415+/-952.825 χ^2/NDF : 3.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -367.870+/-709.350 χ^2/NDF : 12.1/7

asym_atl_dd_atr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1206.751+/-0.674 χ^2/NDF : 91406.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1410.573+/-0.751 χ^2/NDF : 56585.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

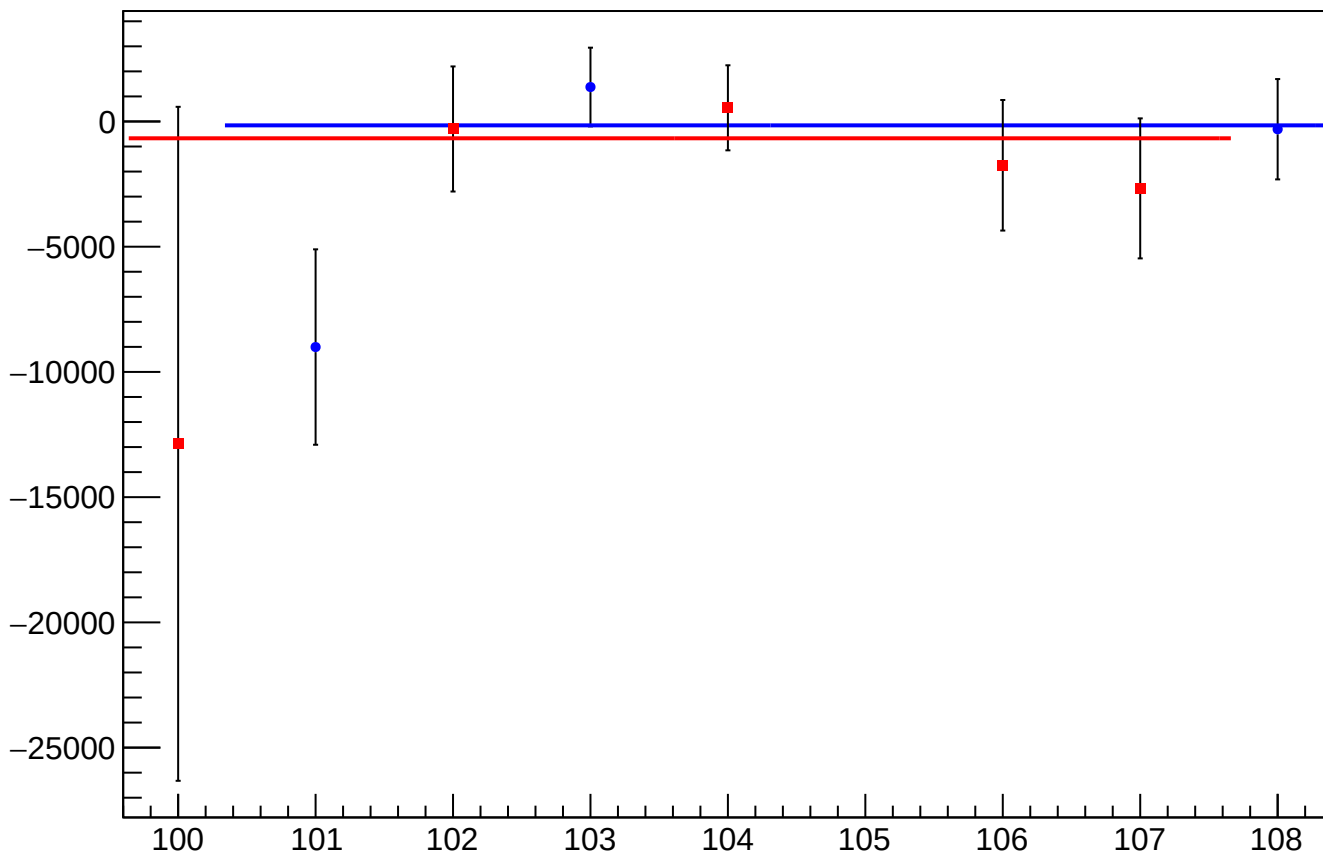
Right: 1297.607+/-0.502 χ^2/NDF : 188788.0/7

In: 1206.751+/-0.674 χ^2/NDF : 91406.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1297.607+/-0.502 χ^2/NDF : 188788.0/7

eigen_dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -155.339+/-1178.516 χ^2/NDF : 6.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -671.862+/-1126.587 χ^2/NDF : 2.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

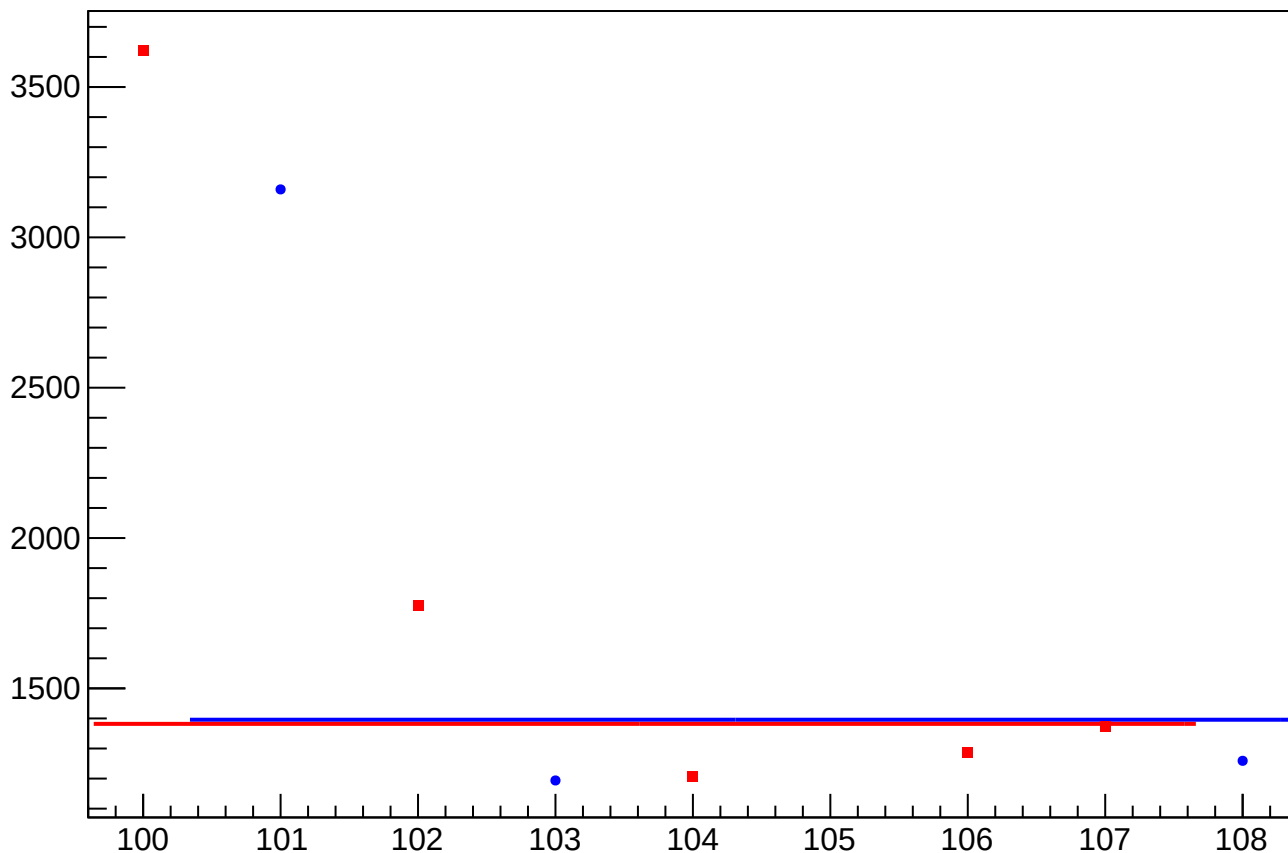
Right: -425.231+/-814.357 χ^2/NDF : 8.2/7

In: -155.339+/-1178.516 χ^2/NDF : 6.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -425.231+/-814.357 χ^2/NDF : 8.2/7

eigen_dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1395.723+/-0.833 χ^2/NDF : 451137.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1381.958+/-0.797 χ^2/NDF : 128999.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

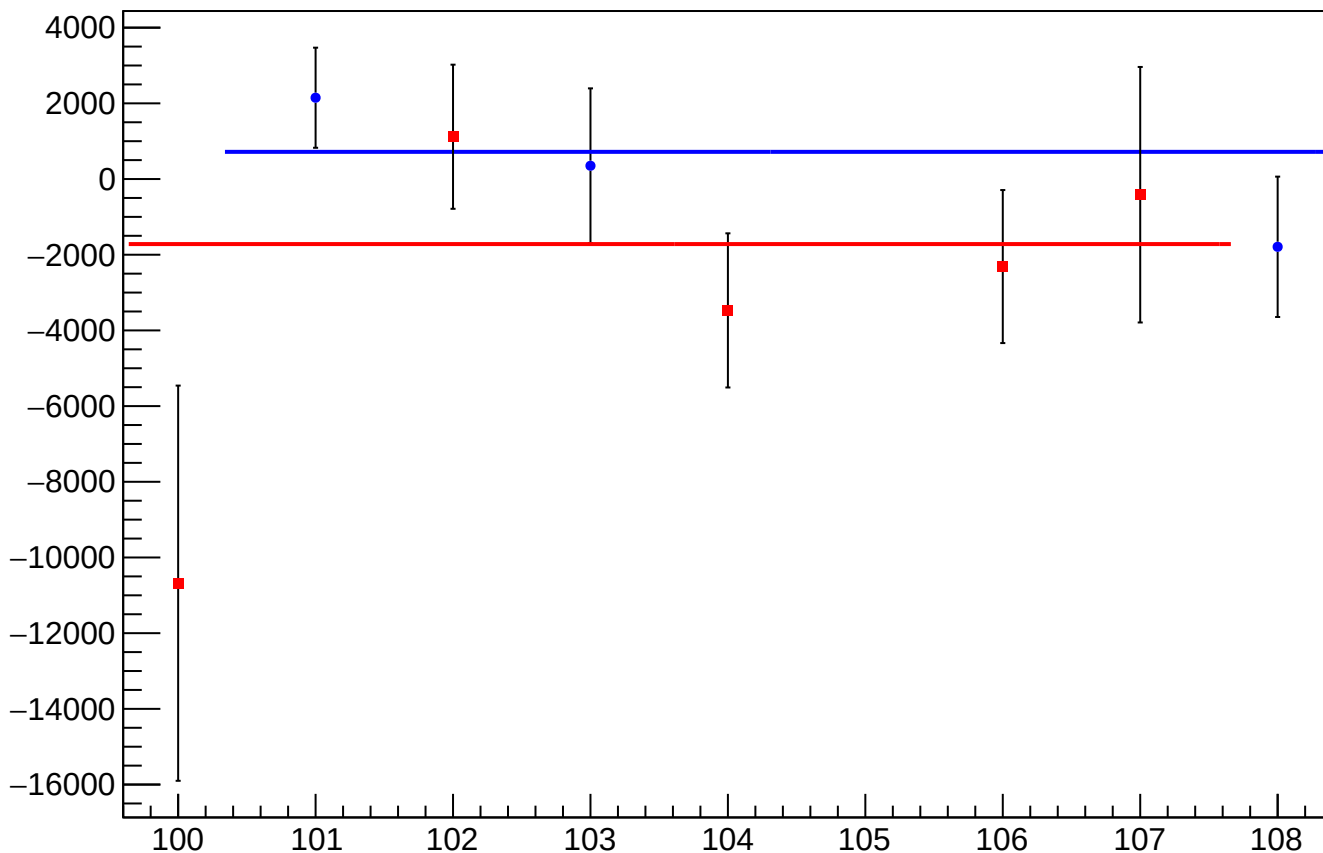
Right: 1388.531+/-0.576 χ^2/NDF : 580279.4/7

In: 1395.723+/-0.833 χ^2/NDF : 451137.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1388.531+/-0.576 χ^2/NDF : 580279.4/7

asym_atl_dd_atr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 718.409+/-952.820 χ^2/NDF : 3.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1718.491+/-1062.447 χ^2/NDF : 6.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

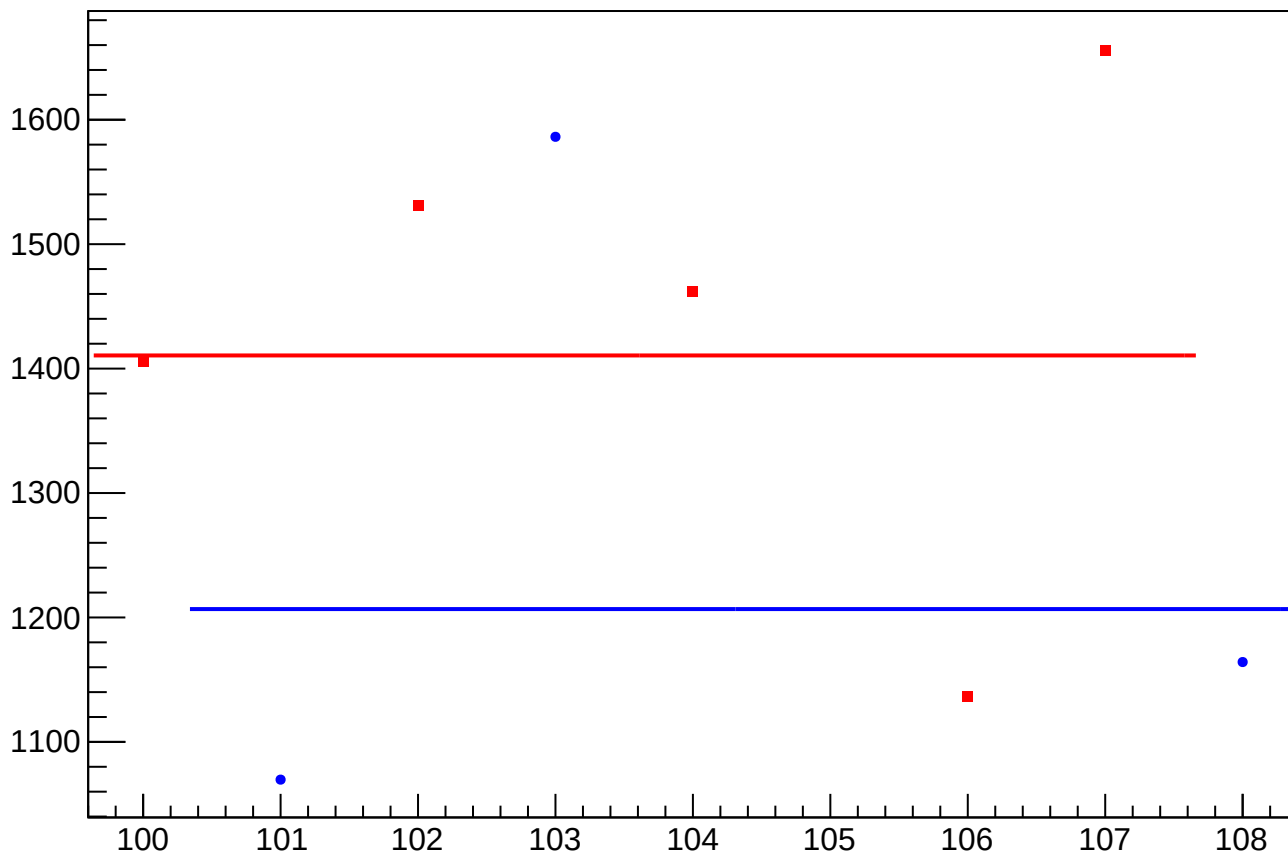
Right: -367.870+/-709.348 χ^2/NDF : 12.1/7

In: 718.409+/-952.820 χ^2/NDF : 3.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -367.870+/-709.348 χ^2/NDF : 12.1/7

asym_atl_dd_atr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1206.744+/-0.674 χ^2/NDF : 91411.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1410.572+/-0.751 χ^2/NDF : 56588.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

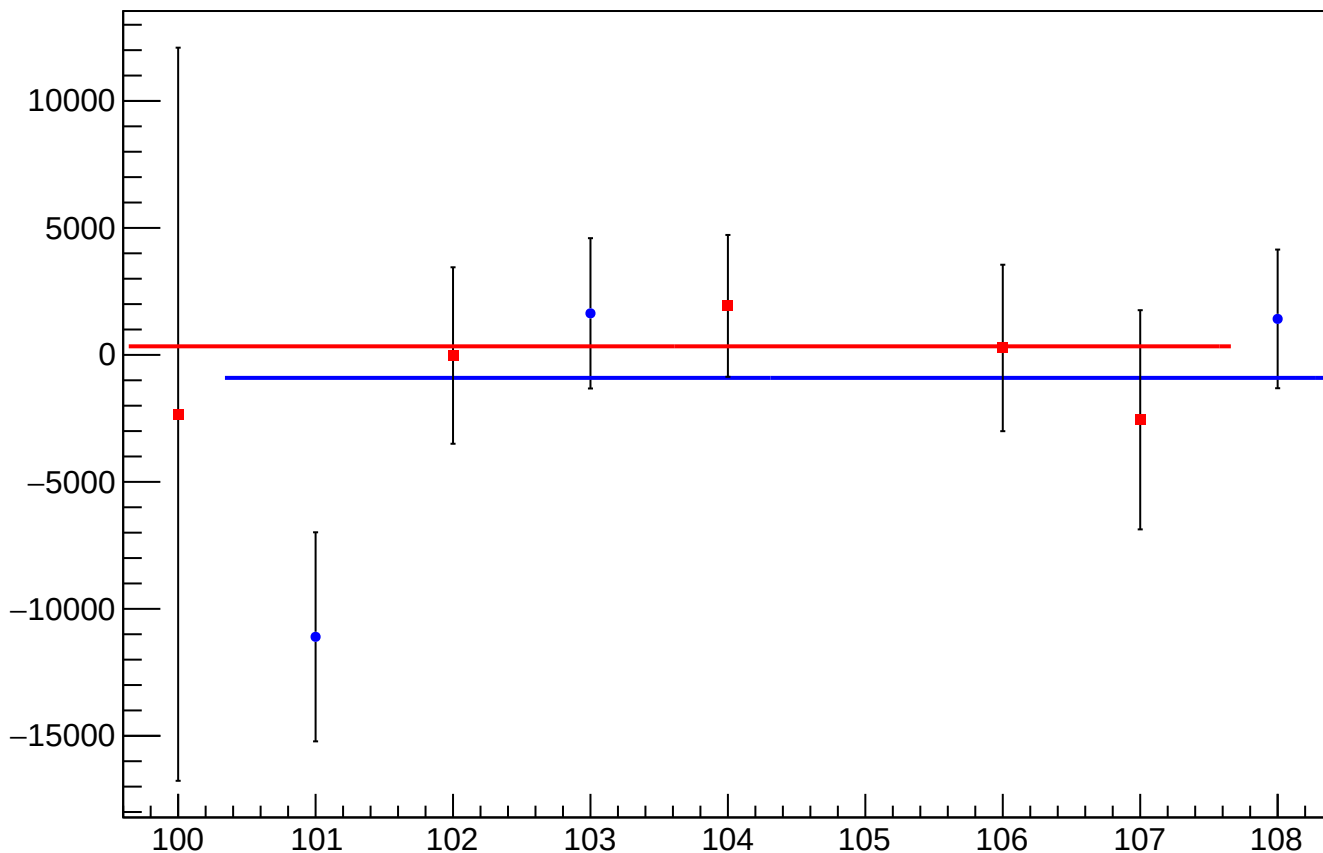
Right: 1297.602+/-0.502 χ^2/NDF : 188797.7/7

In: 1206.744+/-0.674 χ^2/NDF : 91411.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1297.602+/-0.502 χ^2/NDF : 188797.7/7

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -904.901+/-1803.804 χ^2/NDF : 7.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 337.629+/-1660.713 χ^2/NDF : 0.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

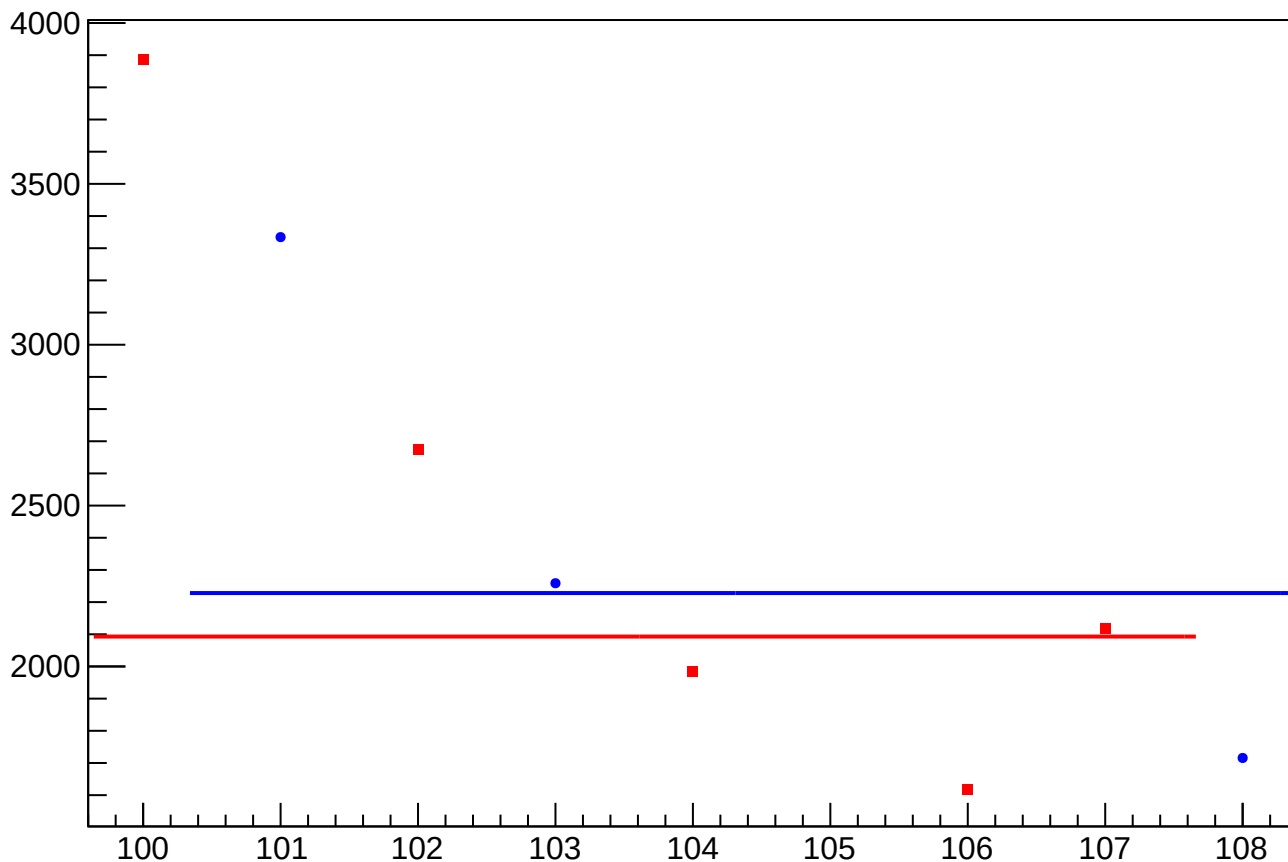
Right: -232.405+/-1221.761 χ^2/NDF : 8.7/7

In: -904.901+/-1803.804 χ^2/NDF : 7.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -232.405+/-1221.761 χ^2/NDF : 8.7/7

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2228.163+/-1.275 χ^2/NDF : 215184.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2092.905+/-1.174 χ^2/NDF : 131754.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

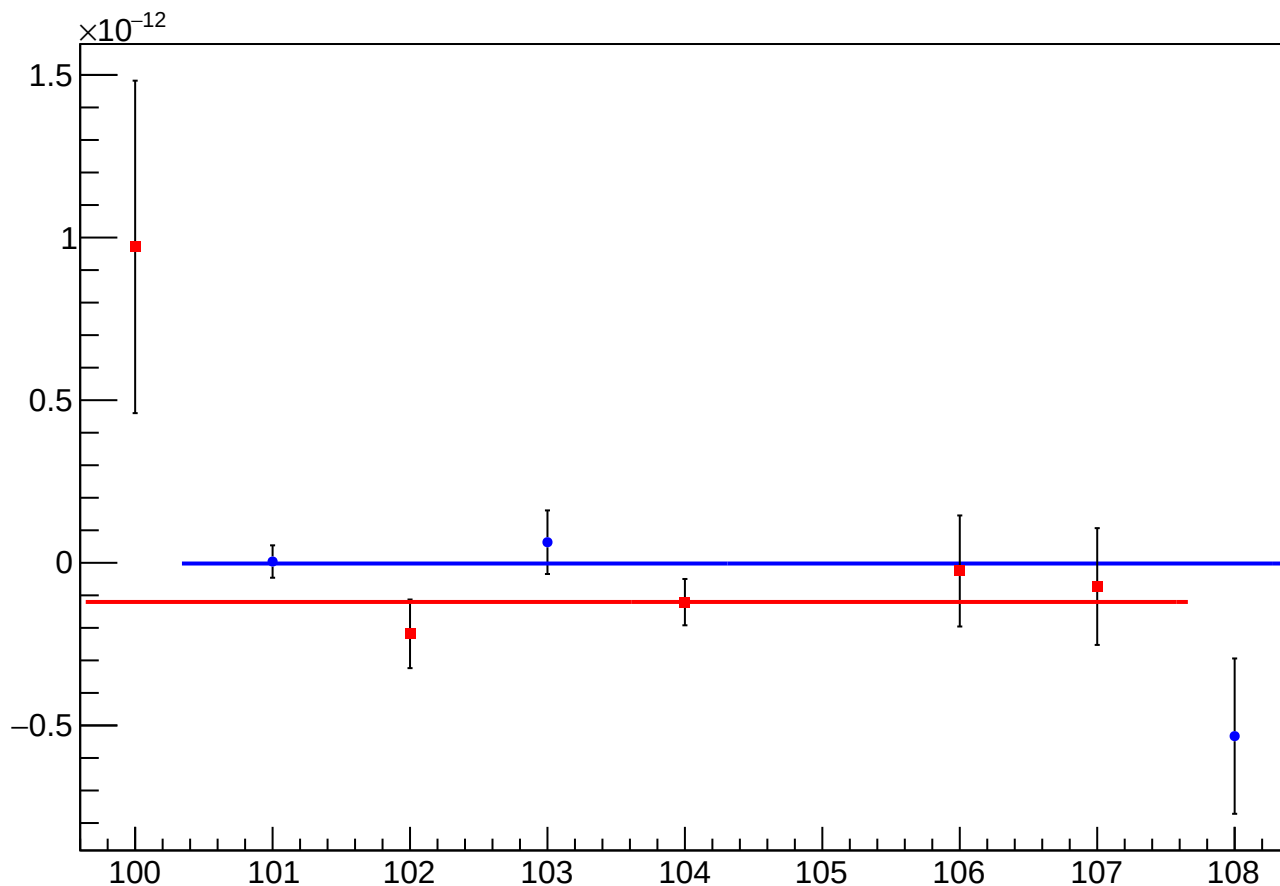
Right: 2154.954+/-0.864 χ^2/NDF : 353026.3/7

In: 2228.163+/-1.275 χ^2/NDF : 215184.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2154.954+/-0.864 χ^2/NDF : 353026.3/7

asym_atl_dd_atr_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

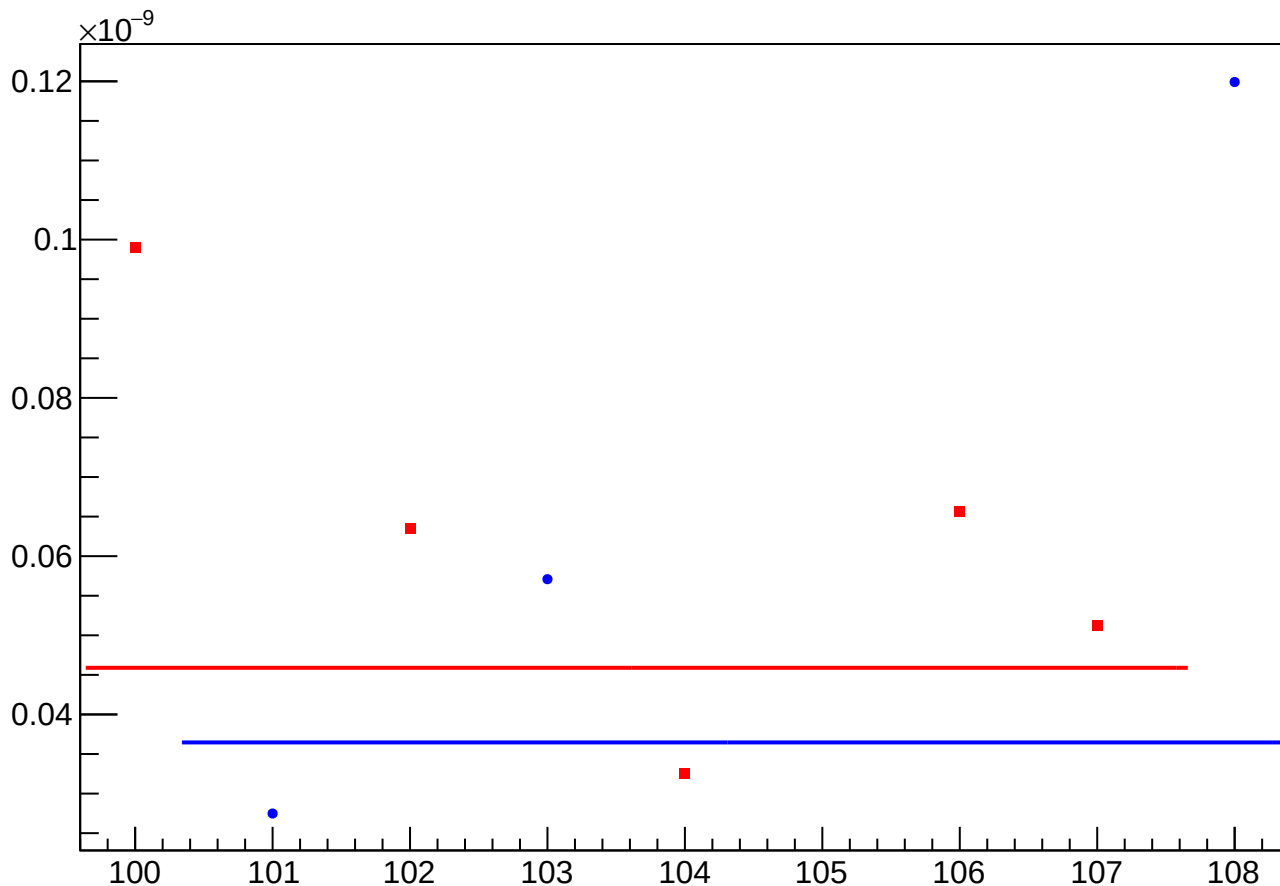
Right: -0.000+/-0.000 χ^2/NDF : 14.2/7

In: -0.000+/-0.000 χ^2/NDF : 5.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.2/7

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 398331.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 175663.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

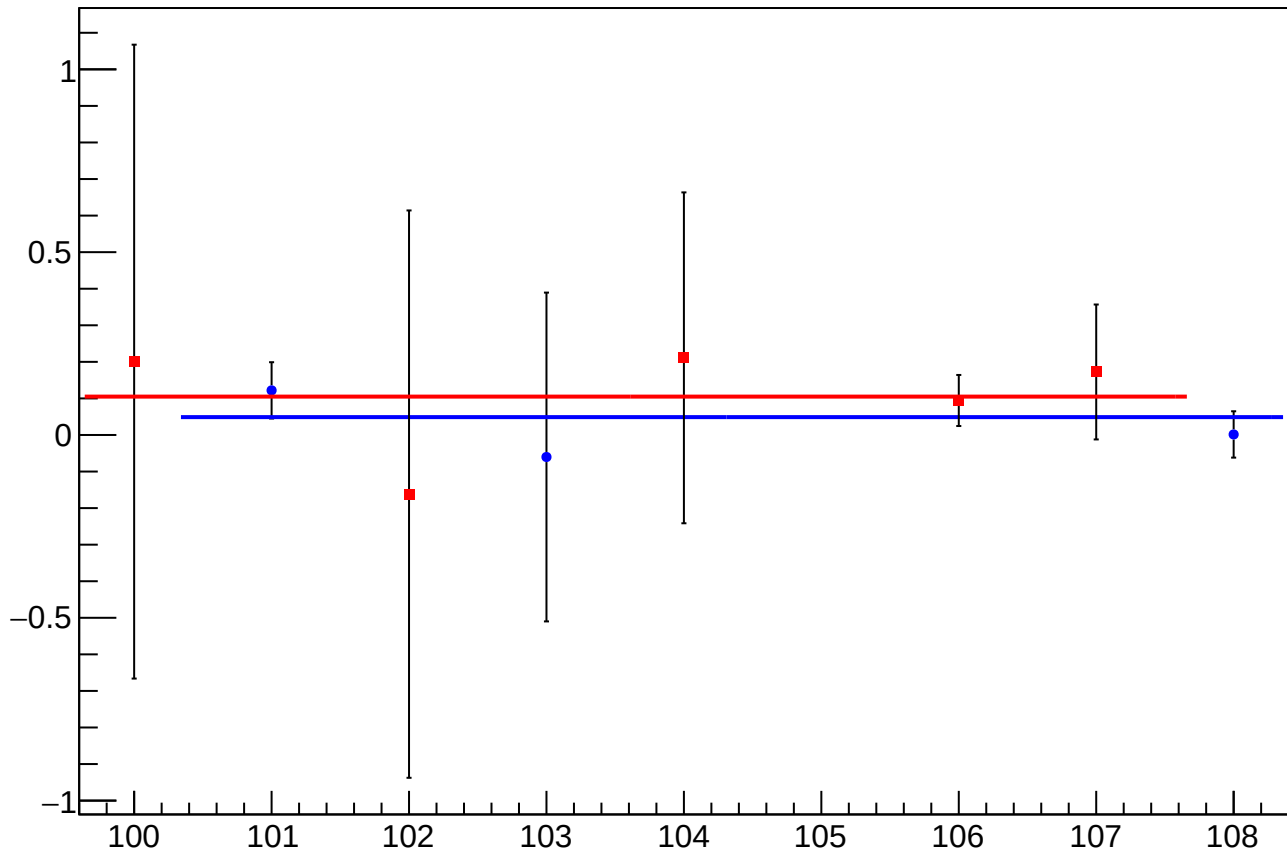
Right: 0.000+/-0.000 χ^2/NDF : 611748.8/7

In: 0.000+/-0.000 χ^2/NDF : 398331.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 611748.8/7

asym_atl_dd_atr_dd_dd_dit_vs_Slug, Sign Corrected



Right In: 0.049+/-0.049 χ^2/NDF : 1.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.105+/-0.064 χ^2/NDF : 0.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

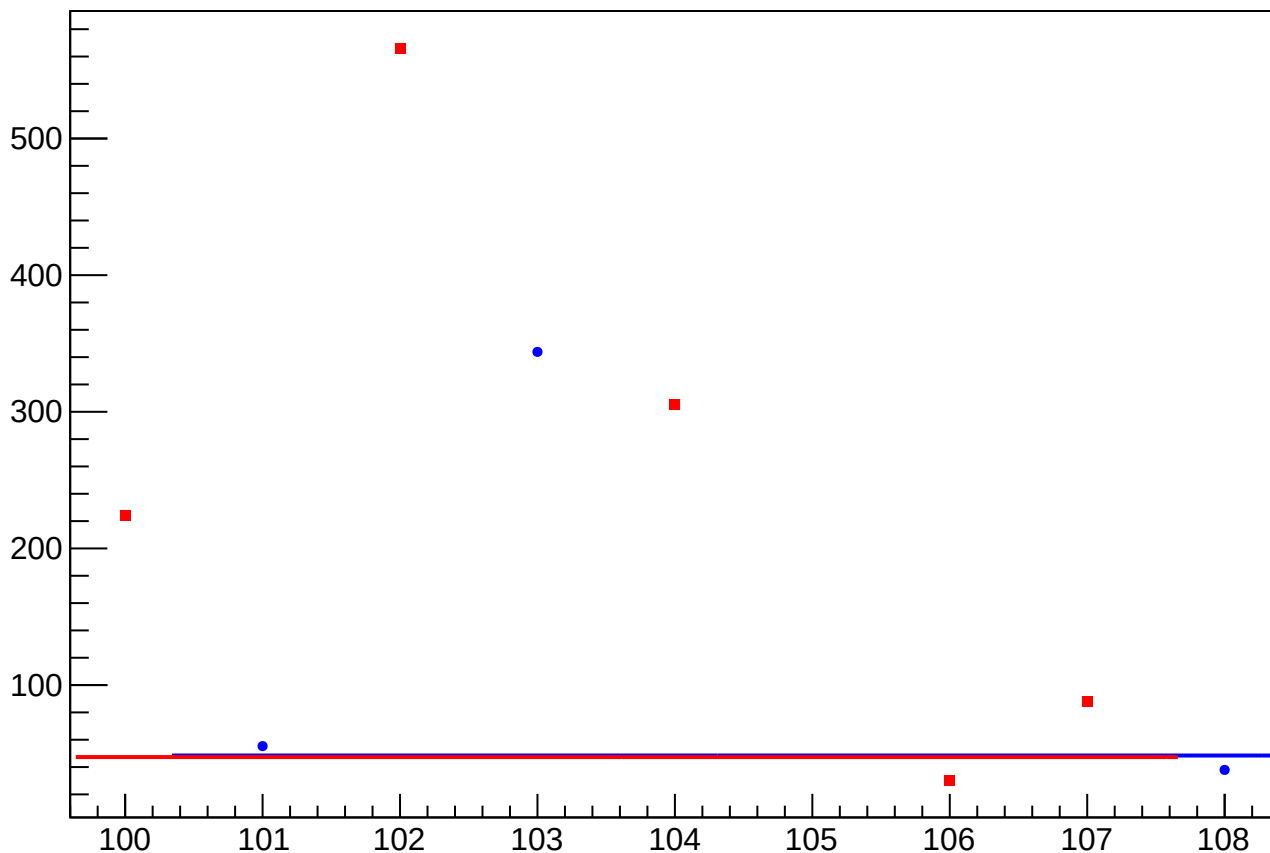
Right: 0.069+/-0.039 χ^2/NDF : 2.3/7

In: 0.049+/-0.049 χ^2/NDF : 1.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.069+/-0.039 χ^2/NDF : 2.3/7

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.448+/-0.034 χ^2/NDF : 934320.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.314+/-0.045 χ^2/NDF : 1849204.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

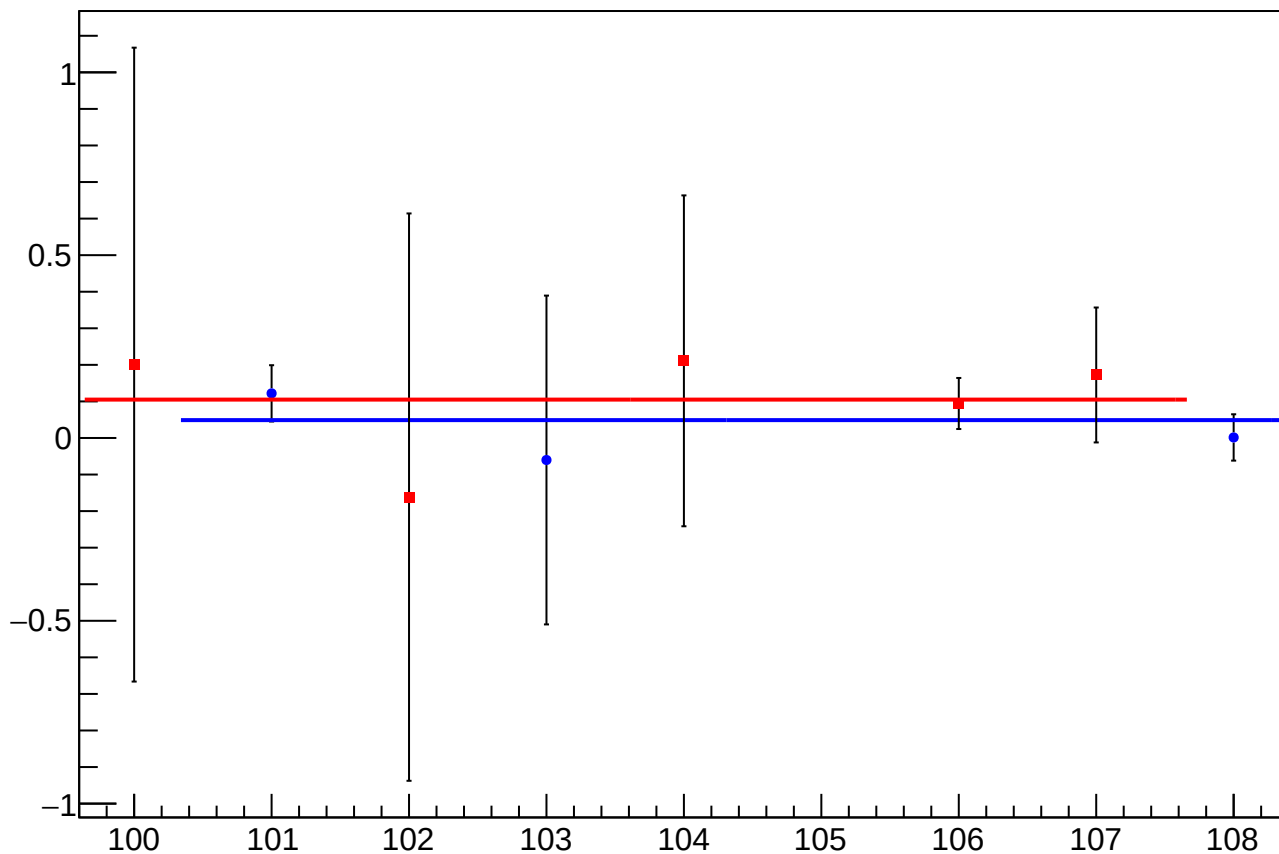
Right: 48.035+/-0.027 χ^2/NDF : 2783921.5/7

In: 48.448+/-0.034 χ^2/NDF : 934320.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.035+/-0.027 χ^2/NDF : 2783921.5/7

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.049 $\pm$ 0.049 χ^2 /NDF: 1.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.105 $\pm$ 0.064 χ^2 /NDF: 0.3/4

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

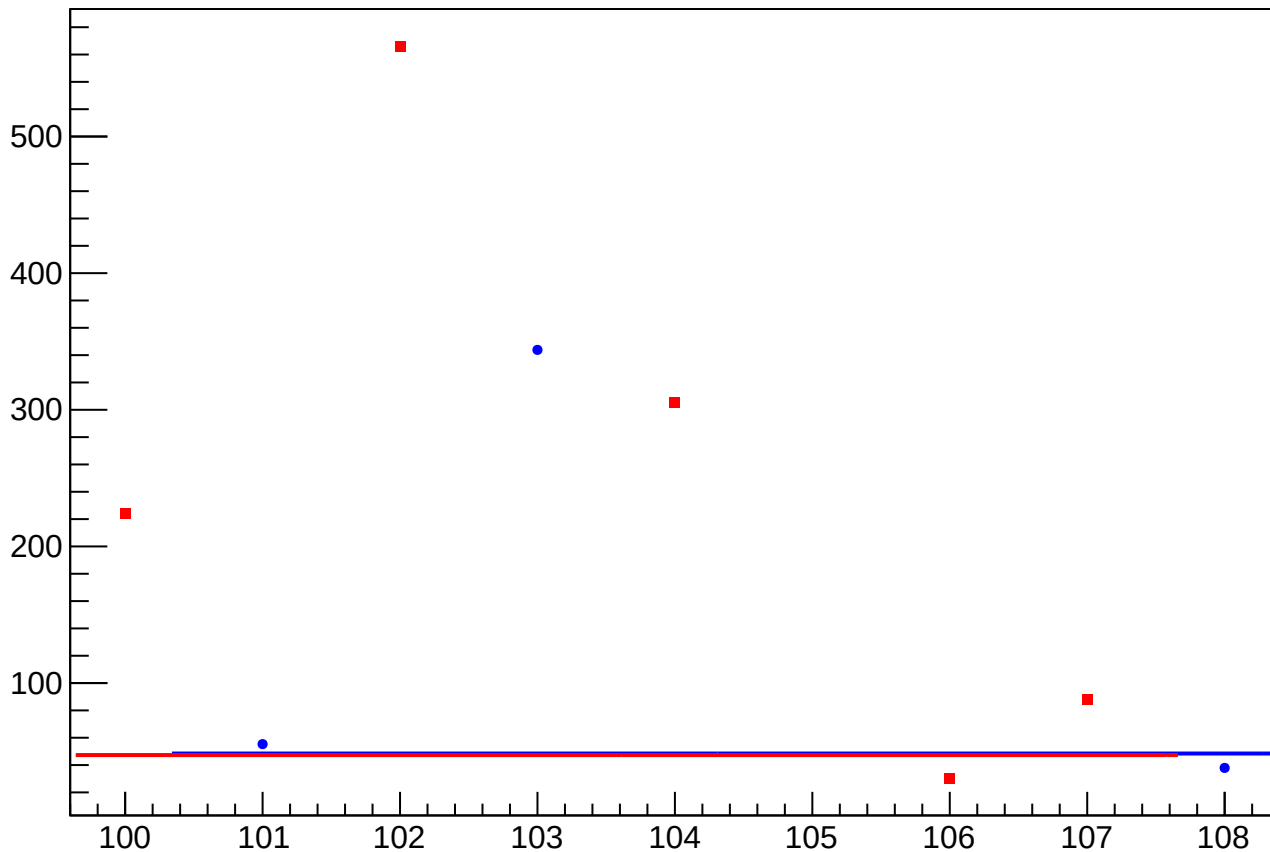
Right: 0.069 $\pm$ 0.039 χ^2 /NDF: 2.3/7

In: 0.049 $\pm$ 0.049 χ^2 /NDF: 1.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.069 $\pm$ 0.039 χ^2 /NDF: 2.3/7

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.448+/-0.034 χ^2/NDF : 934320.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.314+/-0.045 χ^2/NDF : 1849204.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

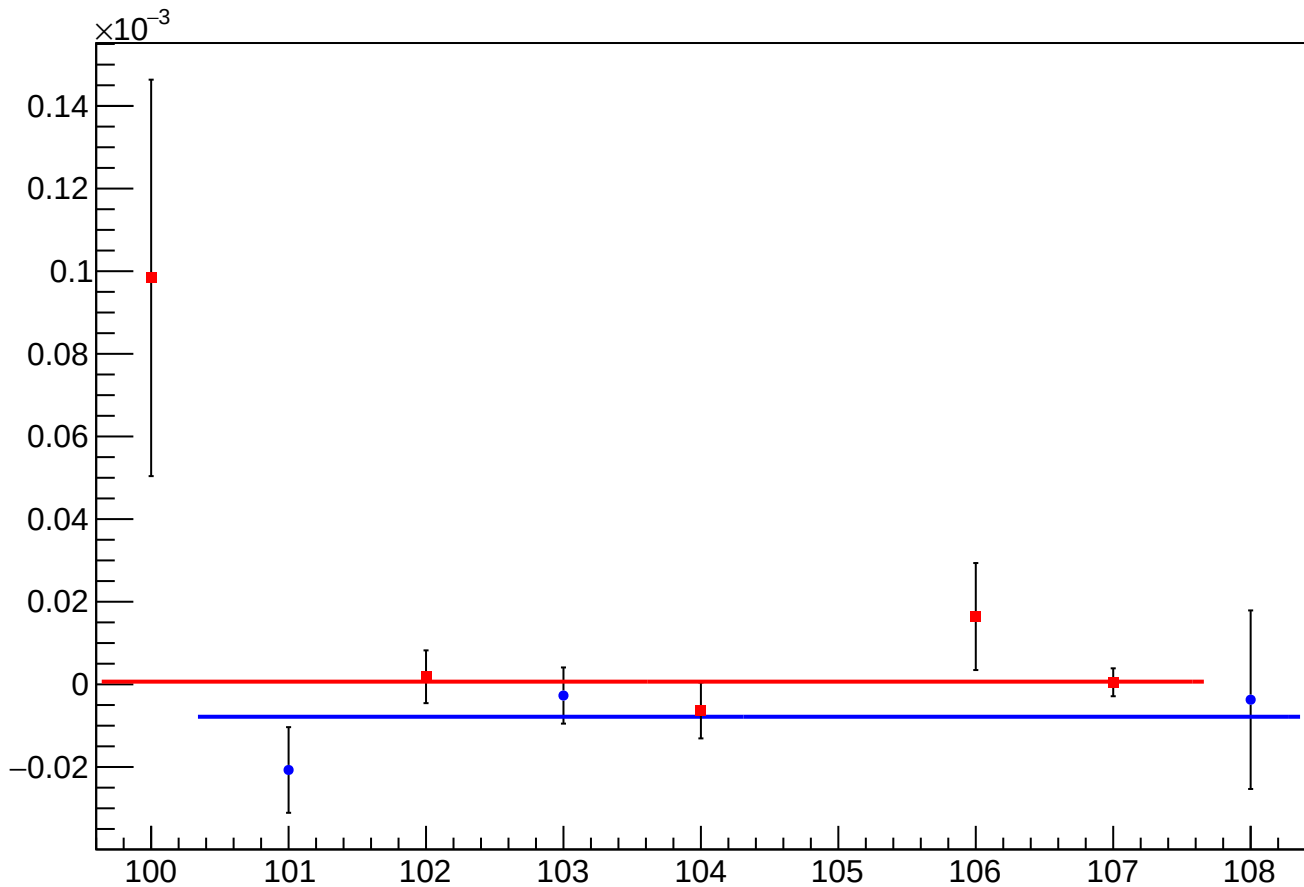
Right: 48.035+/-0.027 χ^2/NDF : 2783921.5/7

In: 48.448+/-0.034 χ^2/NDF : 934320.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.035+/-0.027 χ^2/NDF : 2783921.5/7

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 : 2.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

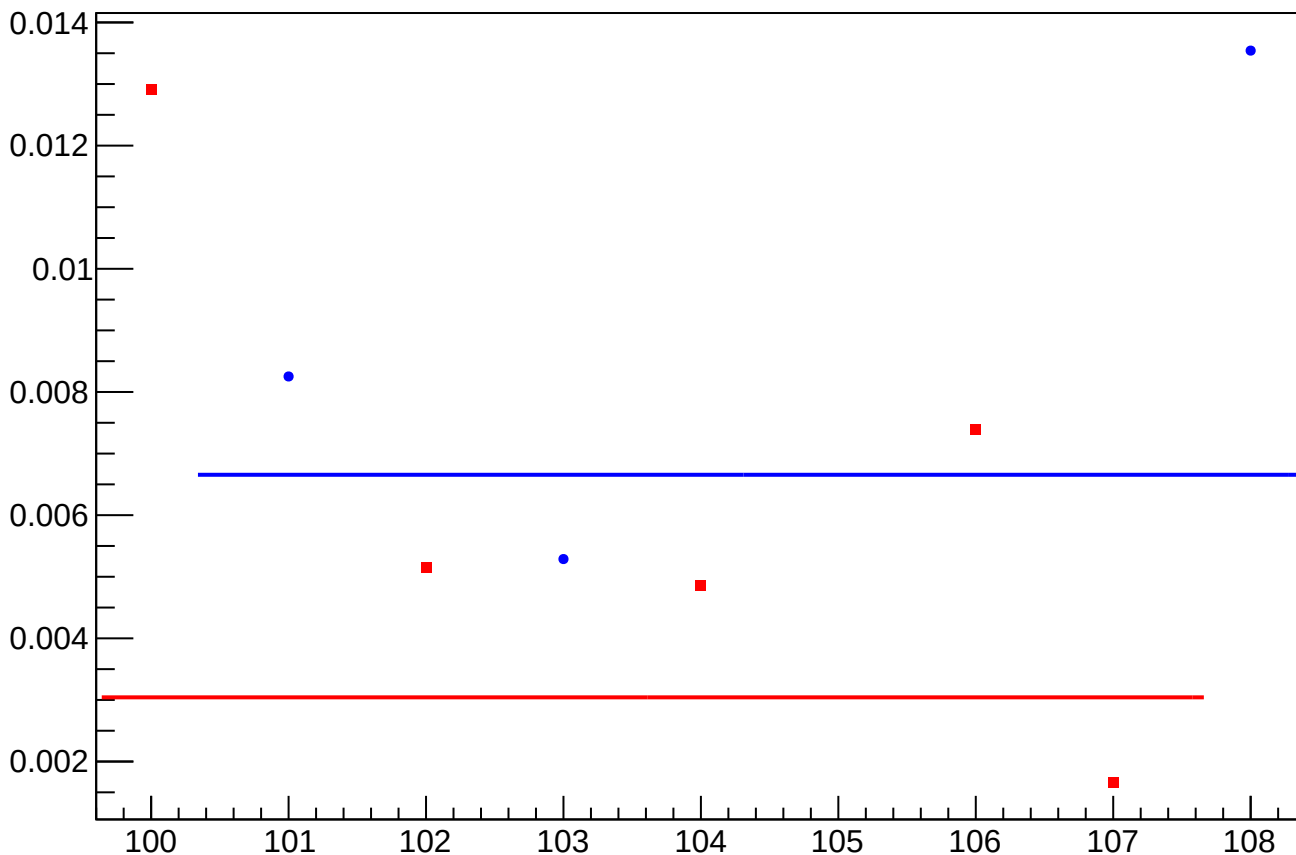
Right: -0.000+/-0.000 χ^2/NDF : 10.8/7

In: -0.000+/-0.000 χ^2/NDF : 2.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.8/7

asym_atl_dd_atr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 331592.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1006887.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

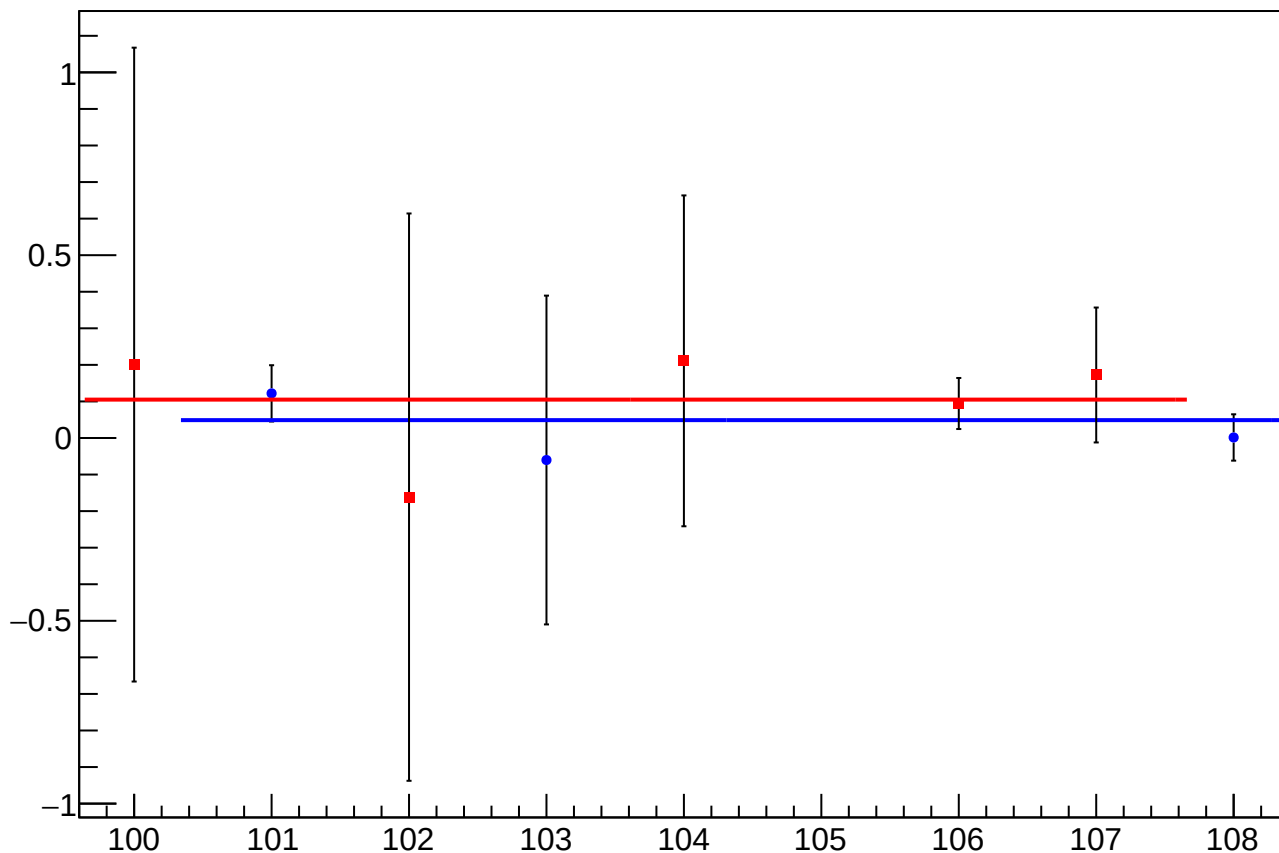
Right: 0.004+/-0.000 χ^2/NDF : 2037745.0/7

In: 0.007+/-0.000 χ^2/NDF : 331592.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 2037745.0/7

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.049 $\pm$ 0.049 χ^2 /NDF: 1.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.105 $\pm$ 0.064 χ^2 /NDF: 0.3/4

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

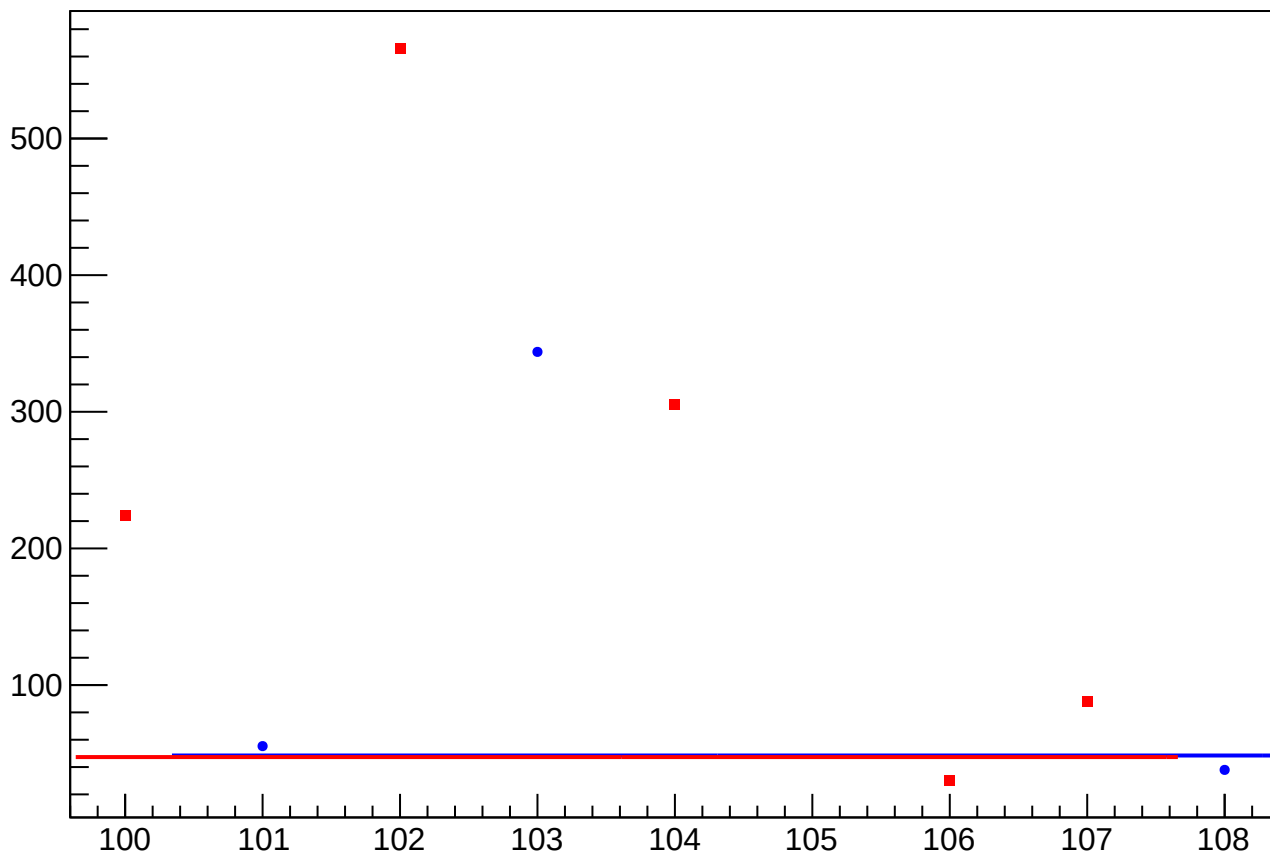
Right: 0.069 $\pm$ 0.039 χ^2 /NDF: 2.3/7

In: 0.049 $\pm$ 0.049 χ^2 /NDF:1.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.069 $\pm$ 0.039 χ^2 /NDF: 2.3/7

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.456+/-0.034 χ^2/NDF : 934241.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.307+/-0.045 χ^2/NDF : 1849290.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

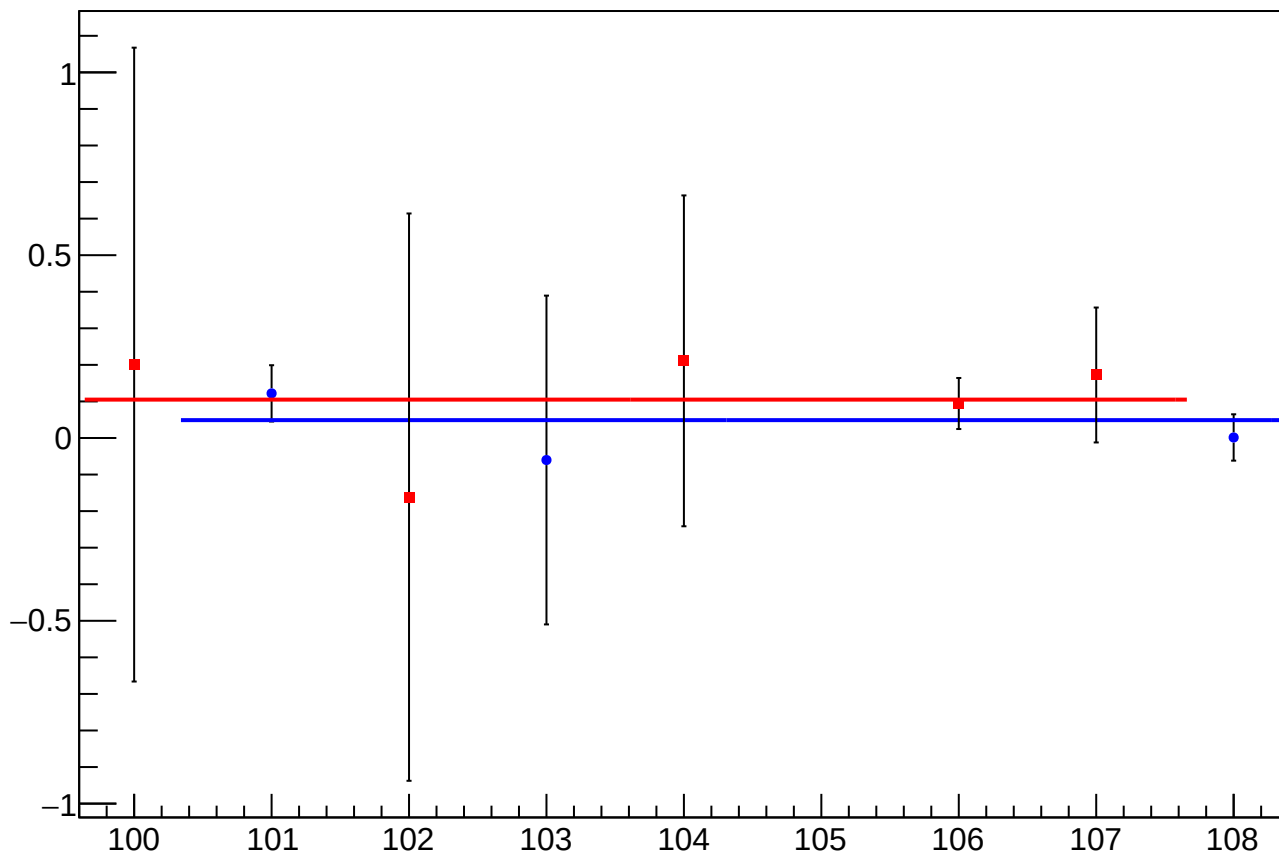
Right: 48.037+/-0.027 χ^2/NDF : 2783938.3/7

In: 48.456+/-0.034 χ^2/NDF : 934241.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.037+/-0.027 χ^2/NDF : 2783938.3/7

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.049+/-0.049 χ^2/NDF : 1.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.105+/-0.064 χ^2/NDF : 0.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

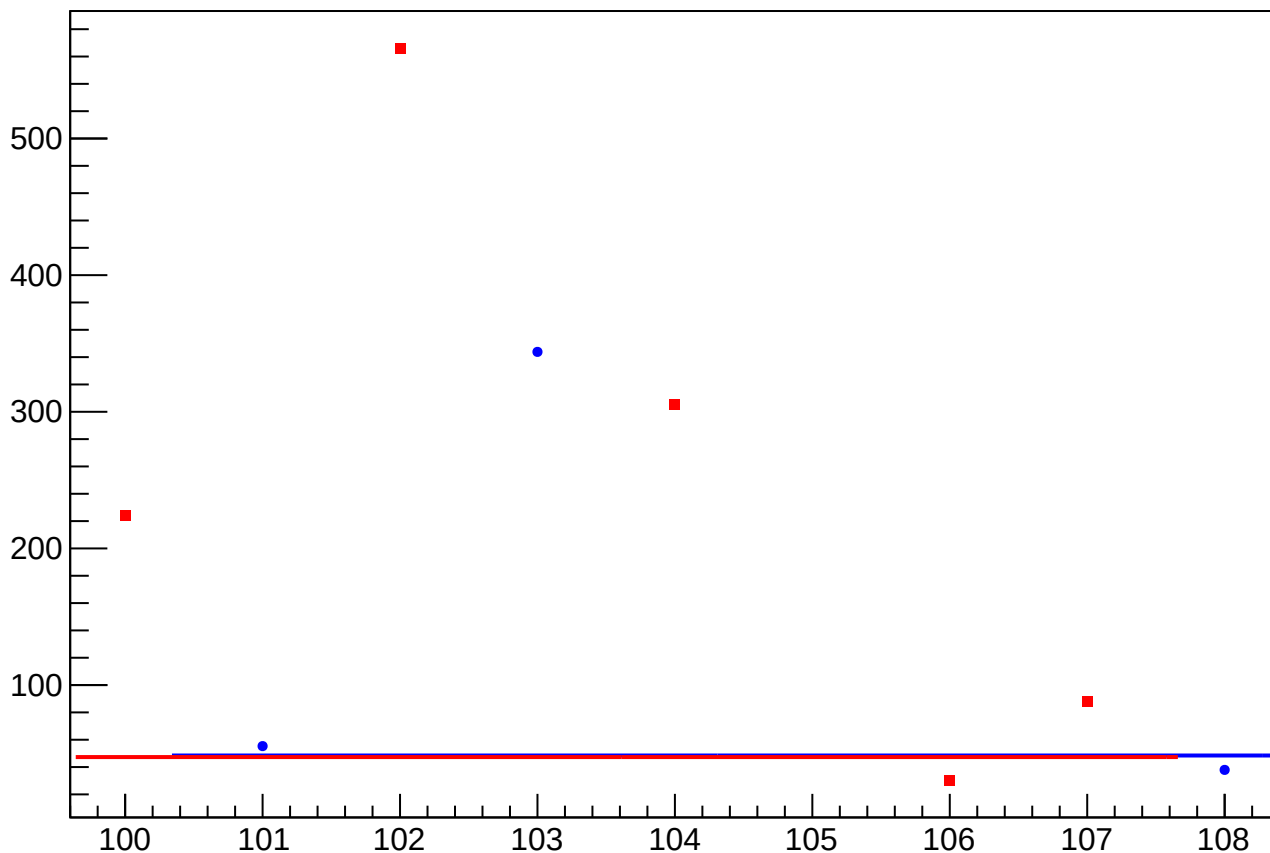
Right: 0.069+/-0.039 χ^2/NDF : 2.3/7

In: 0.049+/-0.049 χ^2/NDF : 1.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.069+/-0.039 χ^2/NDF : 2.3/7

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.456+/-0.034 χ^2/NDF : 934241.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.307+/-0.045 χ^2/NDF : 1849290.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

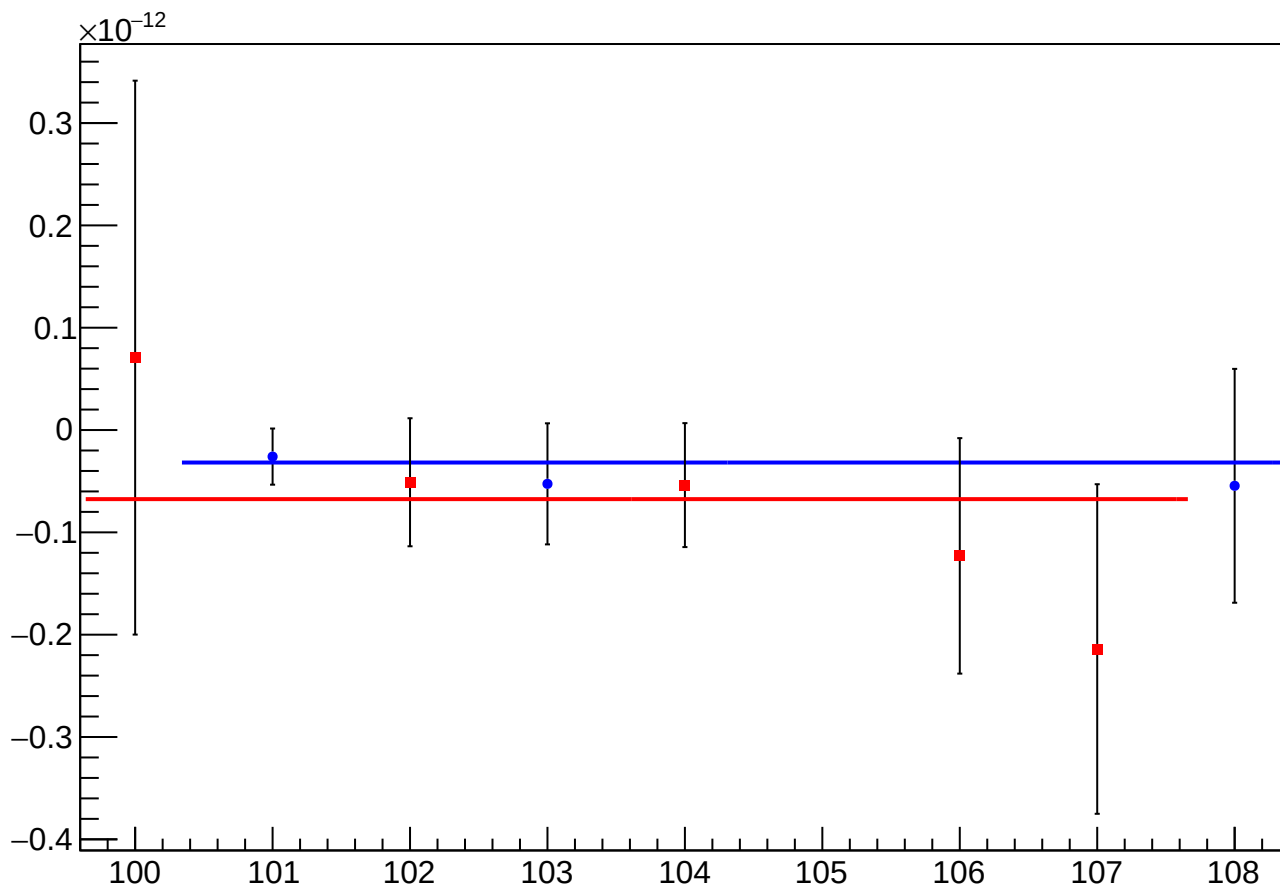
Right: 48.037+/-0.027 χ^2/NDF : 2783938.3/7

In: 48.456+/-0.034 χ^2/NDF : 934241.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.037+/-0.027 χ^2/NDF : 2783938.3/7

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: 0.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 1.4/4

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

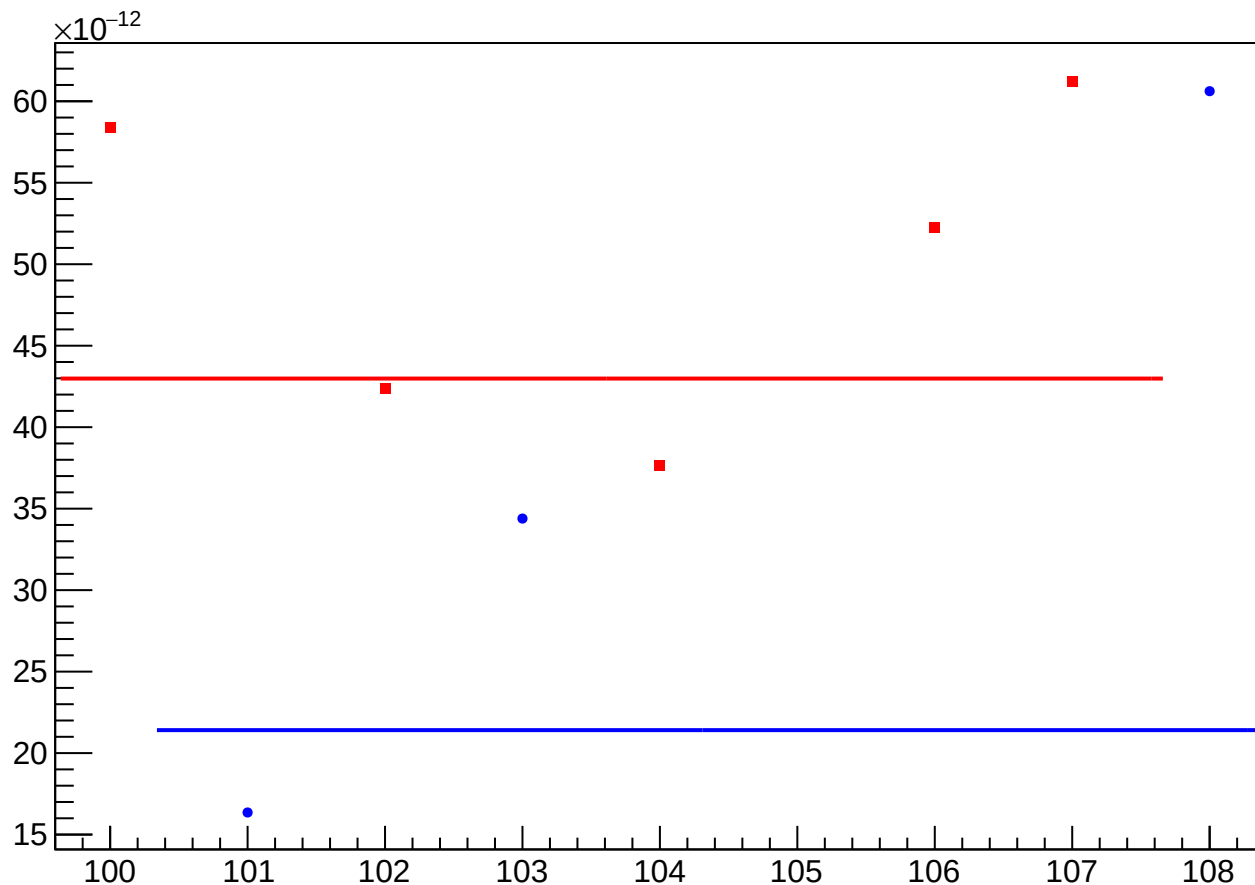
Right: -0.000+/-0.000 χ^2 /NDF: 2.3/7

In: -0.000+/-0.000 χ^2 /NDF: 0.2/2

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 2.3/7

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 : 399588.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 60824.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

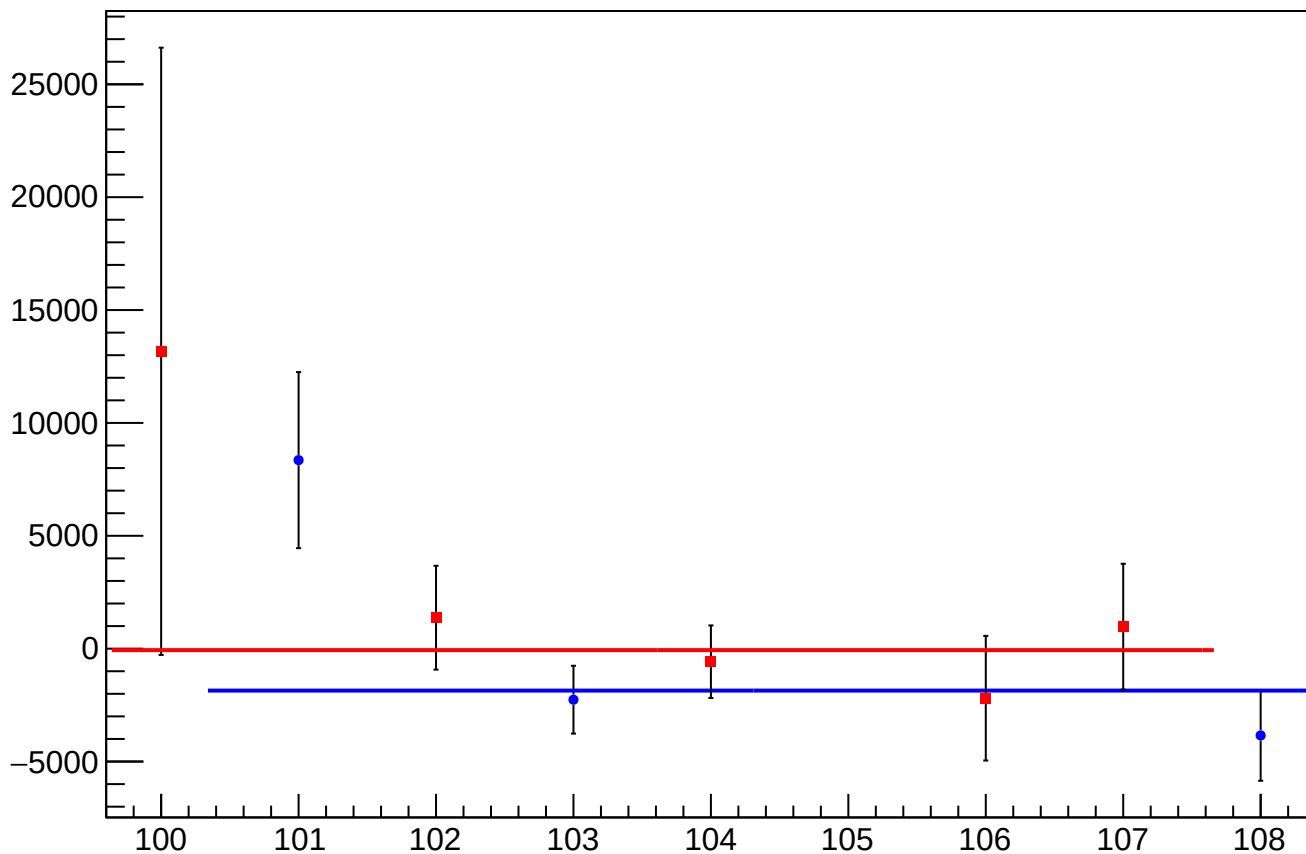
Right: 0.000+/-0.000 χ^2/NDF : 900297.4/7

In: 0.000+/-0.000 χ^2/NDF : 399588.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 900297.4/7

reg_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -1857.127+/-1149.498 χ^2/NDF : 7.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -64.683+/-1089.939 χ^2/NDF : 2.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

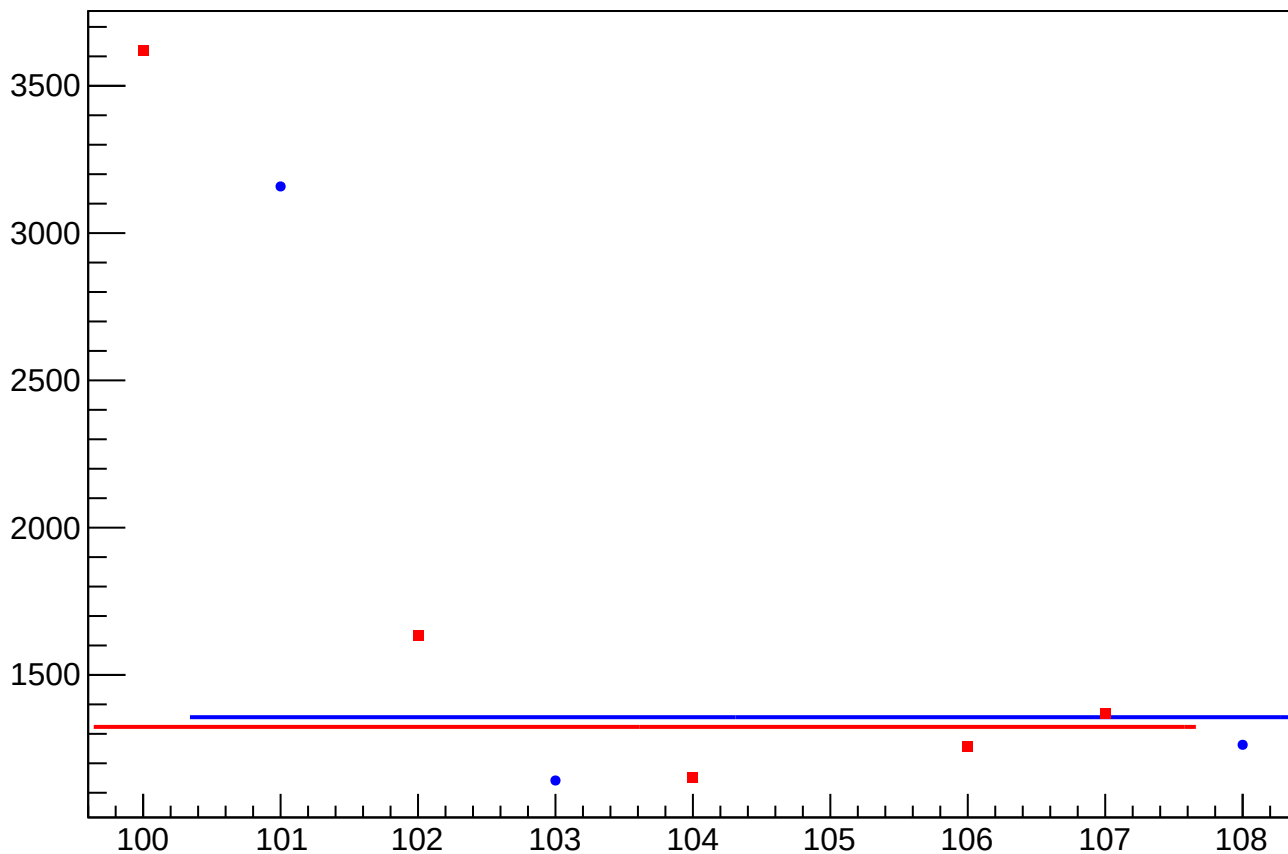
Right: -913.268+/-790.921 χ^2/NDF : 11.4/7

In: -1857.127+/-1149.498 χ^2/NDF : 7.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -913.268+/-790.921 χ^2/NDF : 11.4/7

reg_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1356.507+/-0.813 χ^2/NDF : 472191.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1323.578+/-0.761 χ^2/NDF : 119760.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

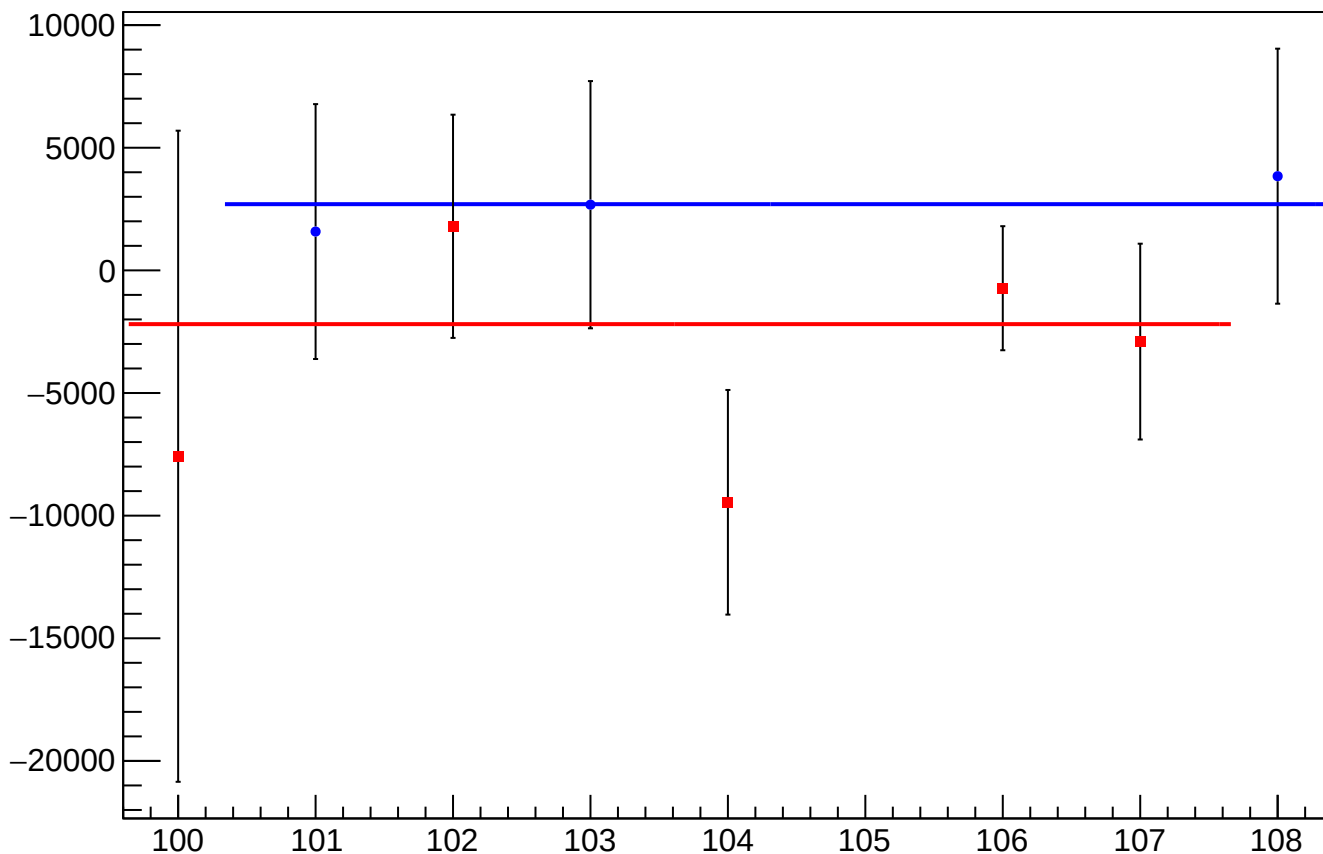
Right: 1338.955+/-0.555 χ^2/NDF : 592826.5/7

In: 1356.507+/-0.813 χ^2/NDF : 472191.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1338.955+/-0.555 χ^2/NDF : 592826.5/7

asym_at1_avg_at2_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 2699.044+/-2969.420 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2191.980+/-1765.575 χ^2/NDF : 3.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

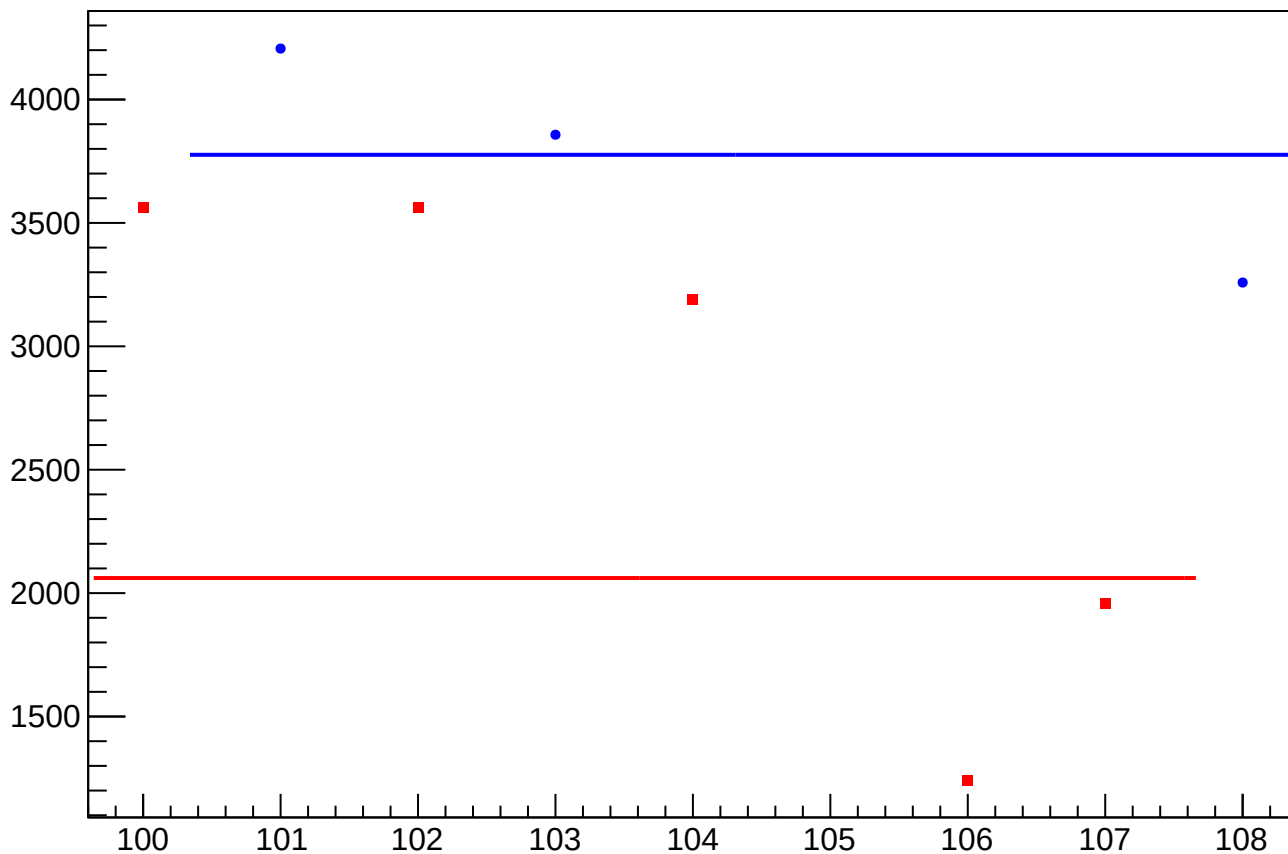
Right: -914.482+/-1517.581 χ^2/NDF : 5.9/7

In: 2699.044+/-2969.420 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -914.482+/-1517.581 χ^2/NDF : 5.9/7

asym_at1_avg_at2_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3775.958+/-2.100 χ^2/NDF : 34064.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2061.173+/-1.248 χ^2/NDF : 576043.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

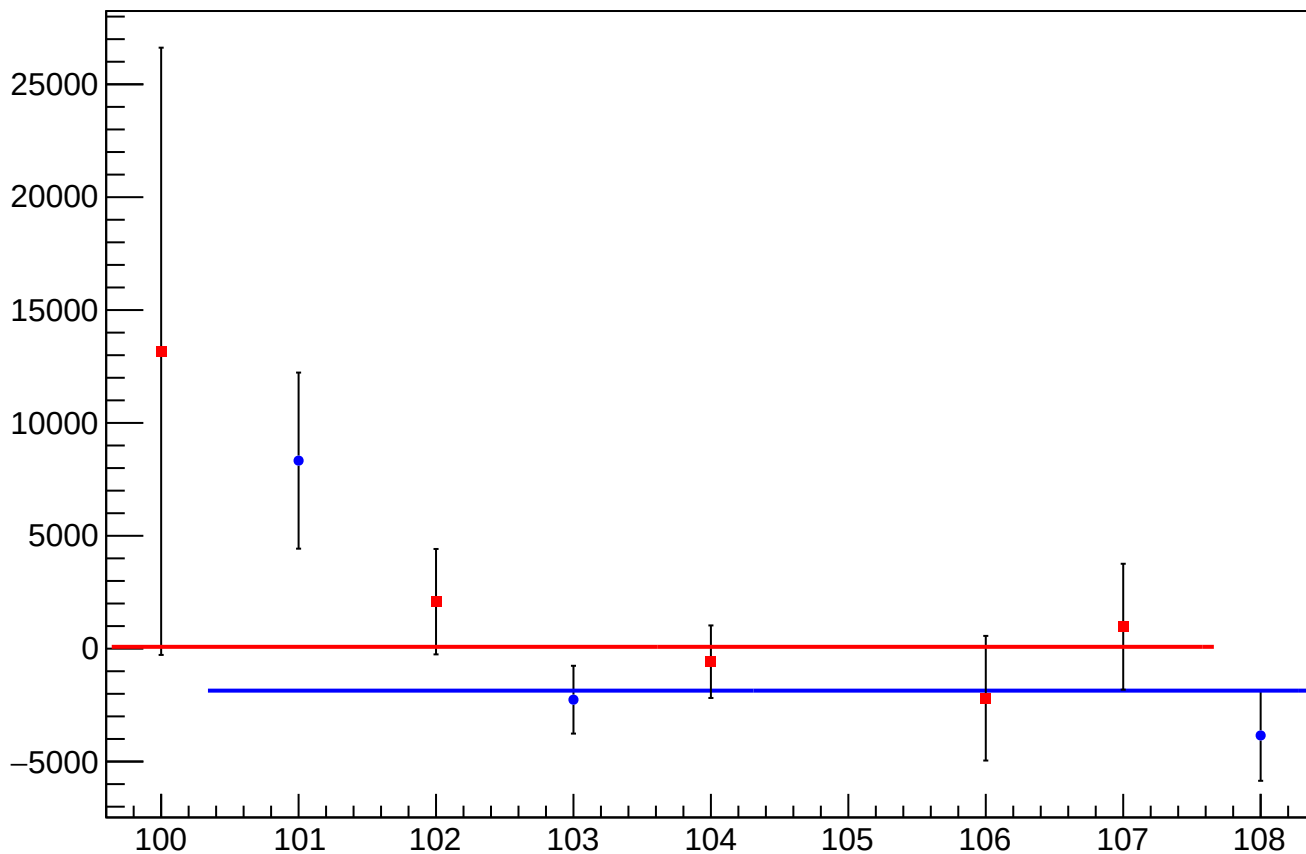
Right: 2509.061+/-1.073 χ^2/NDF : 1102870.0/7

In: 3775.958+/-2.100 χ^2/NDF : 34064.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2509.061+/-1.073 χ^2/NDF : 1102870.0/7

cor_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -1858.998 $\pm$ 1149.499 χ^2 /NDF: 7.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 81.361 $\pm$ 1093.565 χ^2 /NDF: 2.6/4

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

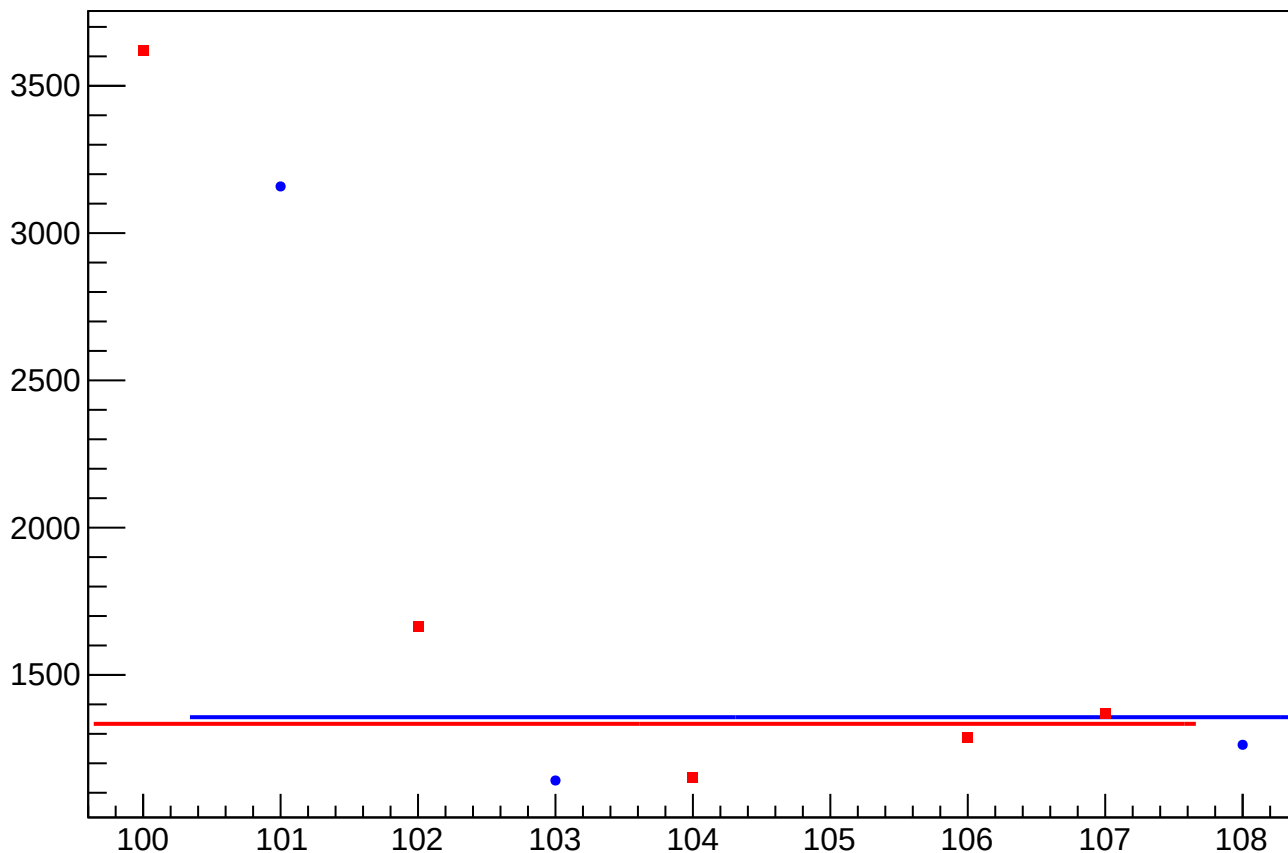
Right: -840.463 $\pm$ 792.304 χ^2 /NDF: 12.0/7

In: -1858.998 $\pm$ 1149.499 χ^2 /NDF:7.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -840.463 $\pm$ 792.304 χ^2 /NDF: 12.0/7

cor_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1356.506+/-0.813 χ^2/NDF : 472193.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1333.965+/-0.766 χ^2/NDF : 125276.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

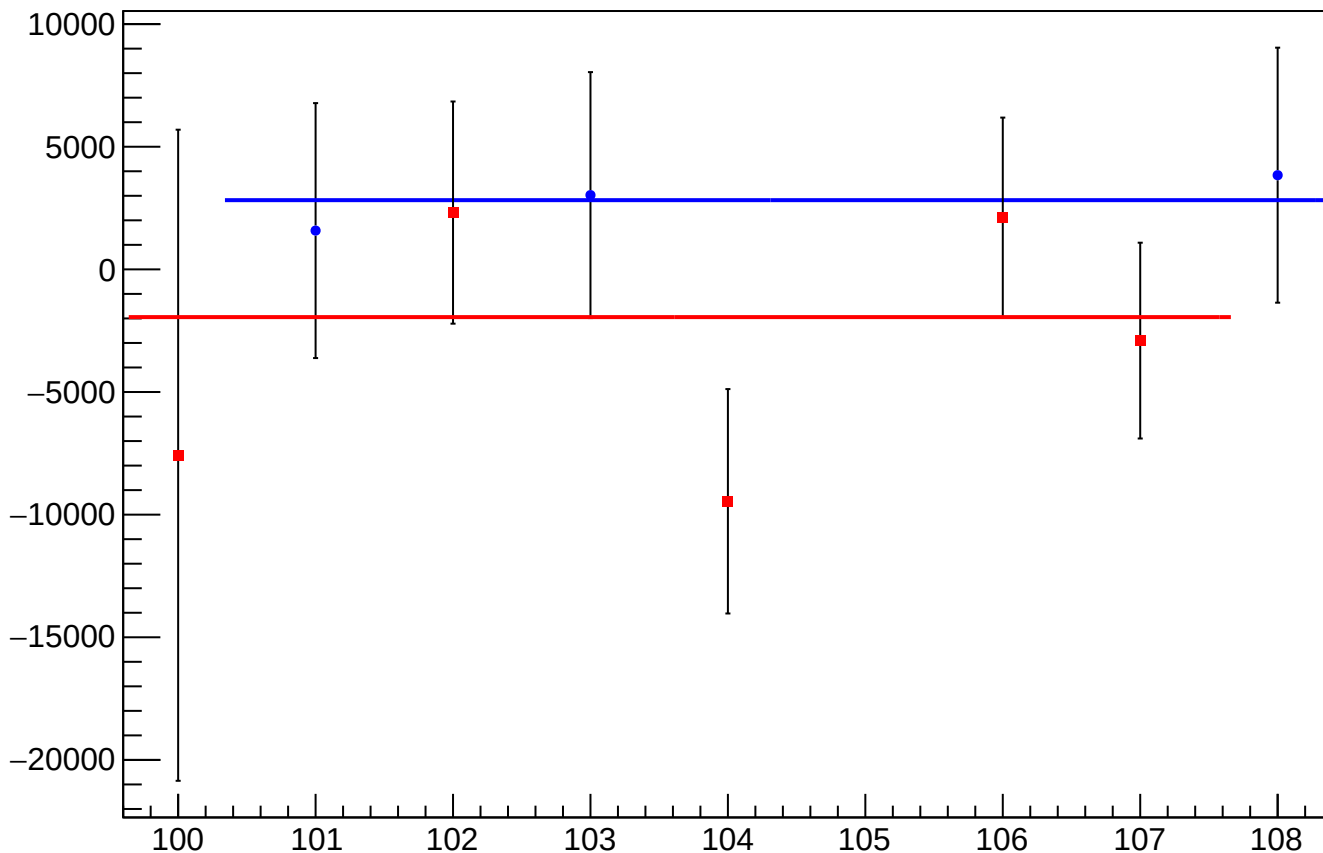
Right: 1344.570+/-0.558 χ^2/NDF : 597877.0/7

In: 1356.506+/-0.813 χ^2/NDF : 472193.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1344.570+/-0.558 χ^2/NDF : 597877.0/7

asym_at1_avg_at2_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 2821.754+/-2964.328 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1946.020+/-2108.252 χ^2/NDF : 4.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

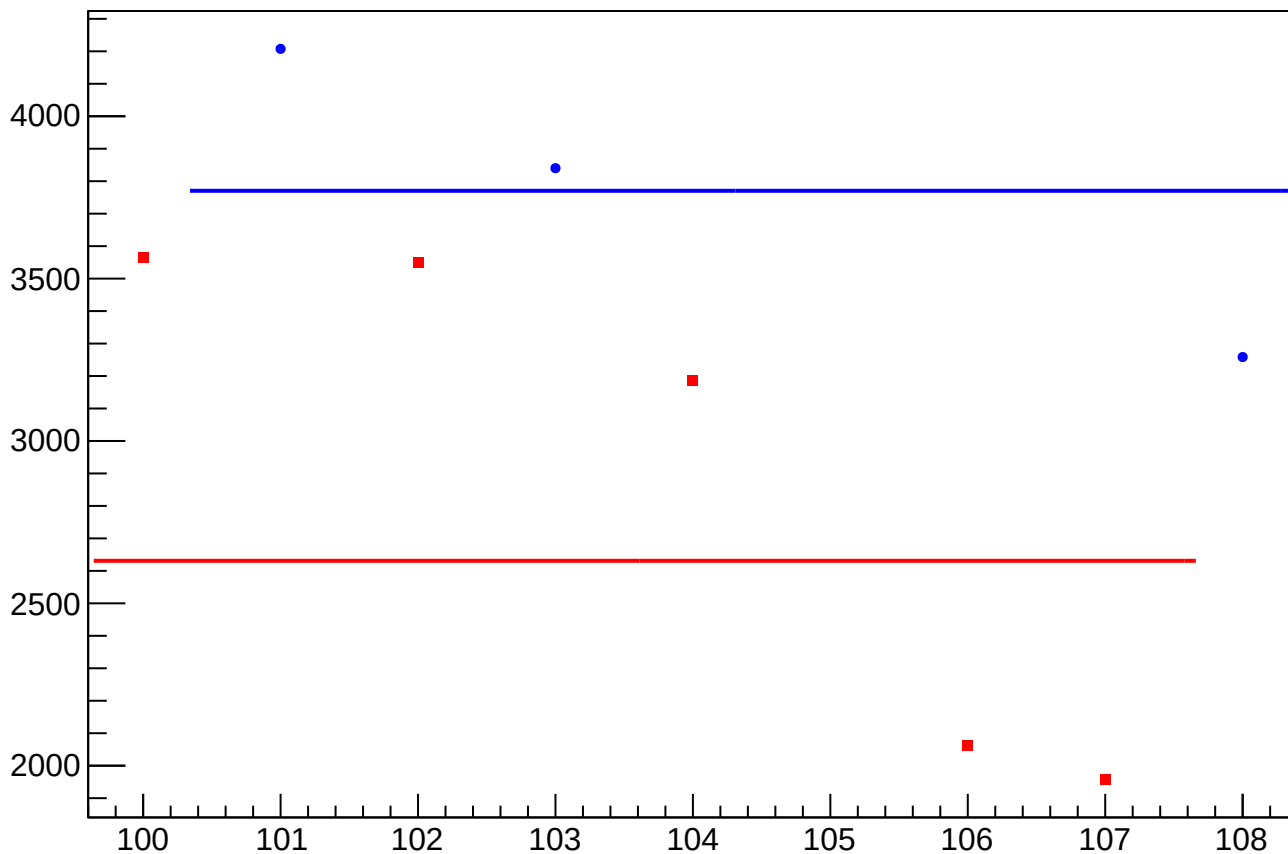
Right: -344.486+/-1718.053 χ^2/NDF : 6.6/7

In: 2821.754+/-2964.328 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -344.486+/-1718.053 χ^2/NDF : 6.6/7

asym_at1_avg_at2_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3770.488+/-2.096 χ^2/NDF : 33927.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2631.006+/-1.491 χ^2/NDF : 217676.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

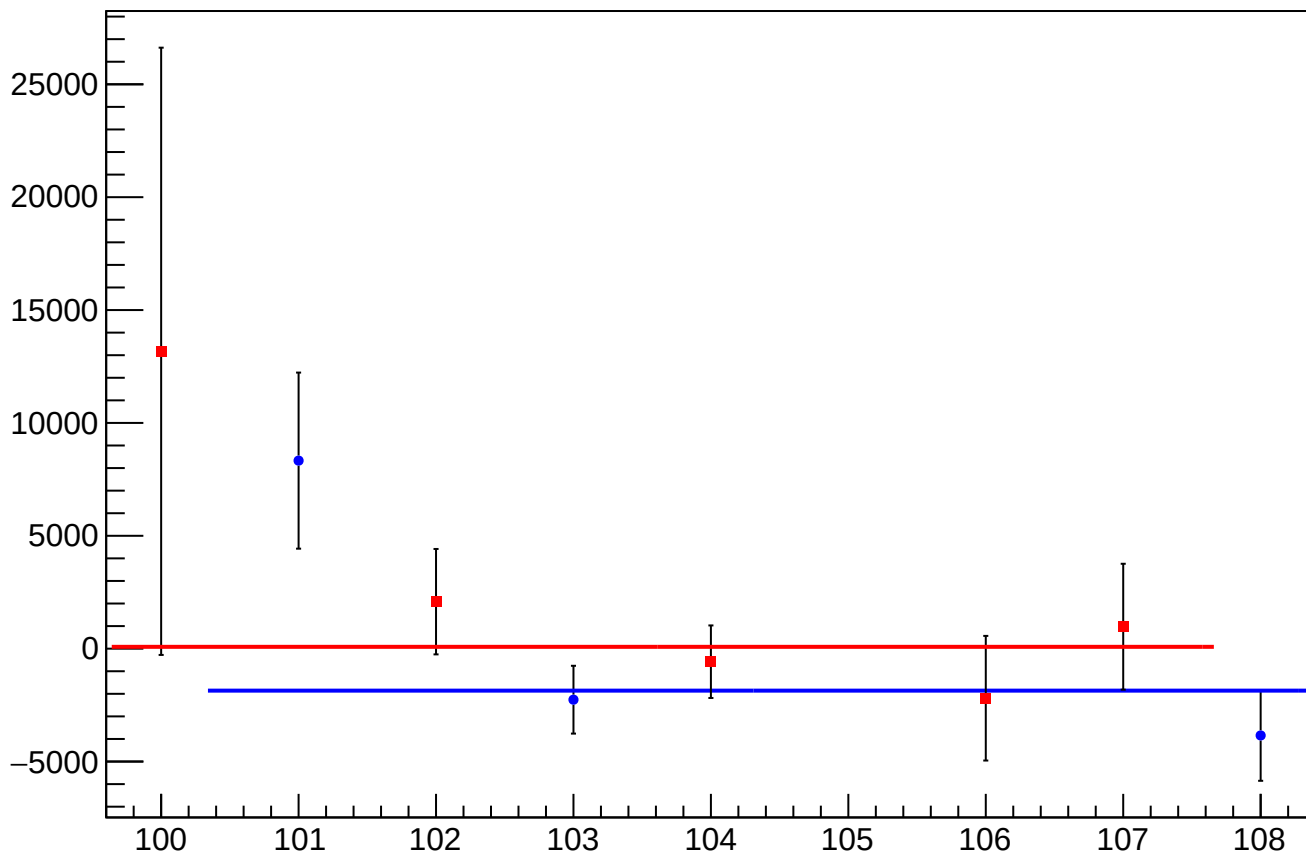
Right: 3013.767+/-1.215 χ^2/NDF : 447858.6/7

In: 3770.488+/-2.096 χ^2/NDF : 33927.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3013.767+/-1.215 χ^2/NDF : 447858.6/7

eigen_cor_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -1858.998+/-1149.499 χ^2/NDF : 7.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.361+/-1093.565 χ^2/NDF : 2.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

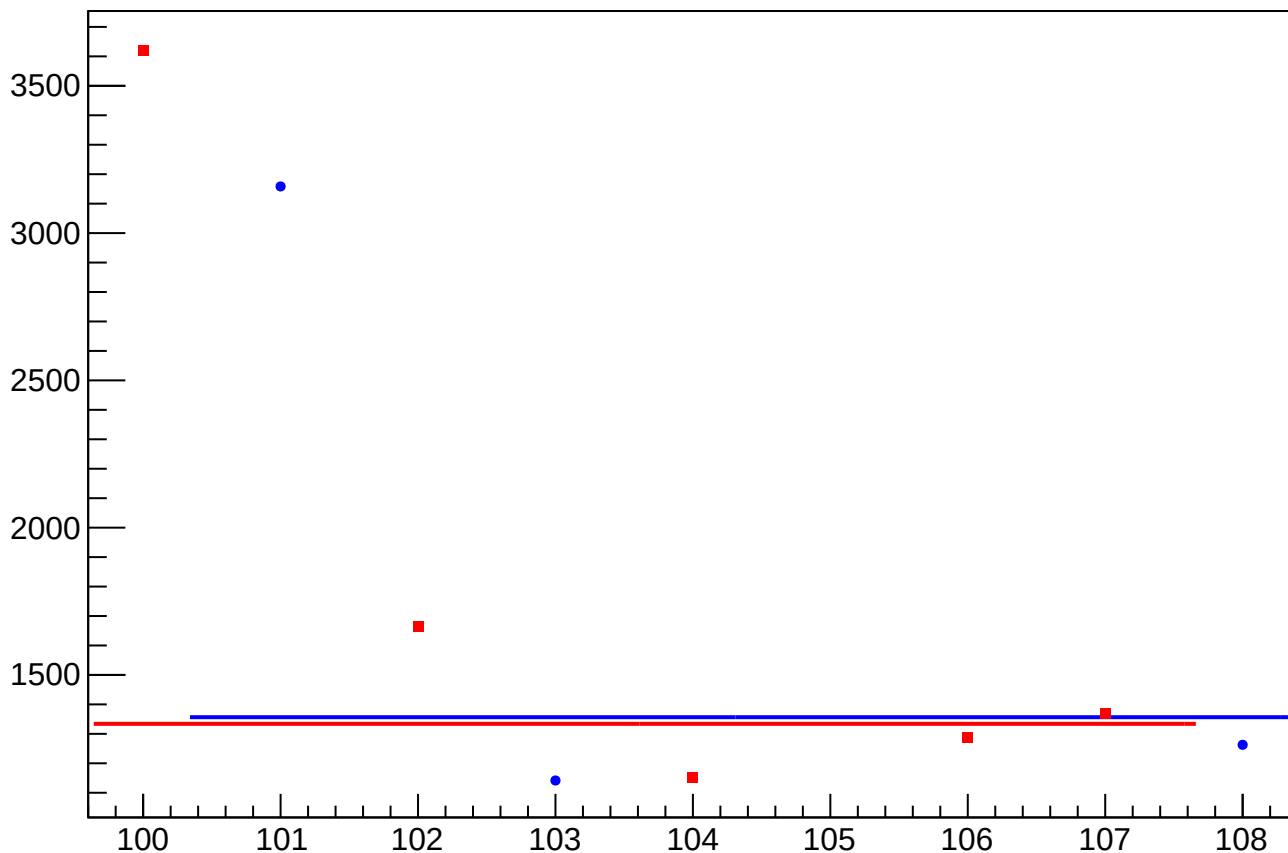
Right: -840.463+/-792.304 χ^2/NDF : 12.0/7

In: -1858.998+/-1149.499 χ^2/NDF : 7.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -840.463+/-792.304 χ^2/NDF : 12.0/7

eigen_cor_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1356.506+/-0.813 χ^2/NDF : 472193.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1333.965+/-0.766 χ^2/NDF : 125276.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

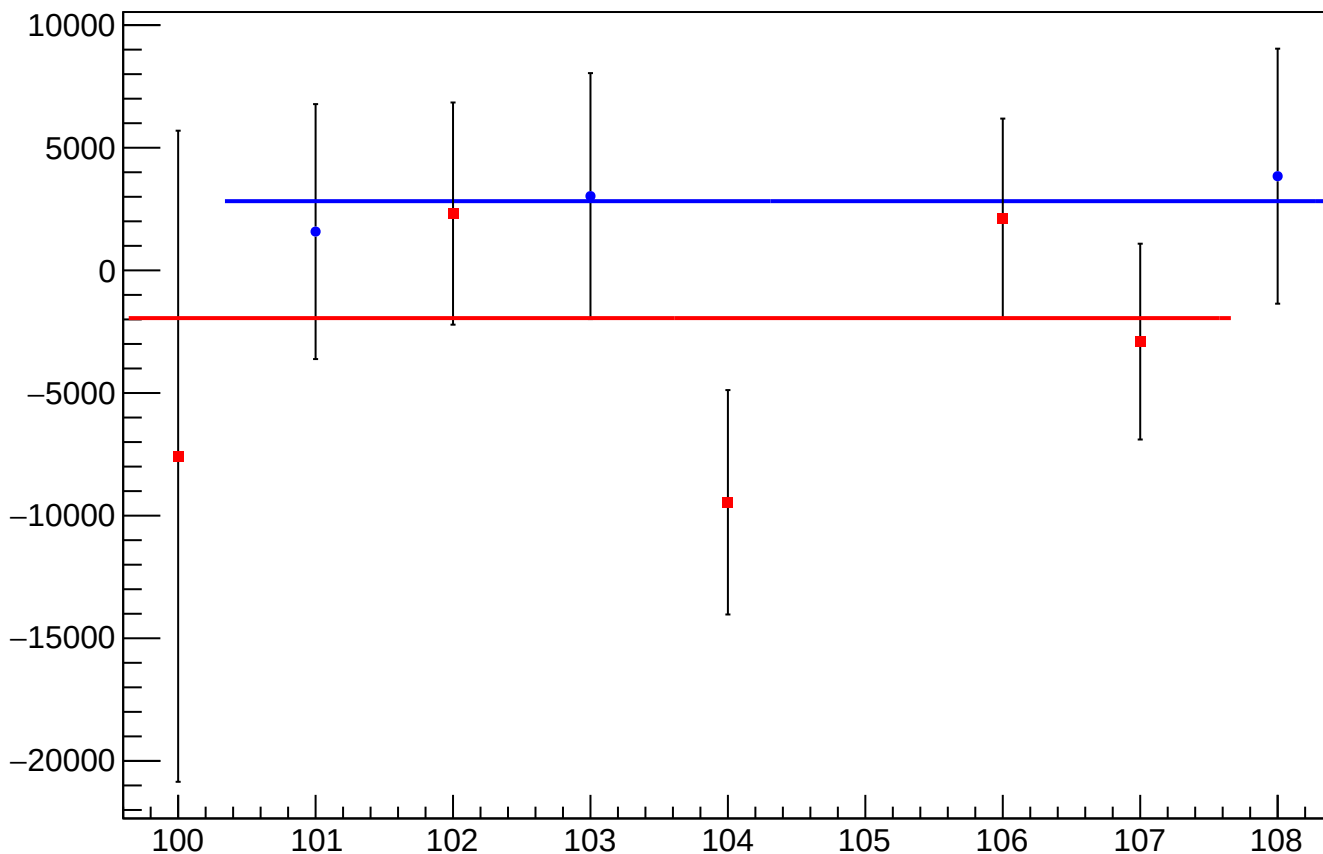
Right: 1344.570+/-0.558 χ^2/NDF : 597877.0/7

In: 1356.506+/-0.813 χ^2/NDF : 472193.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1344.570+/-0.558 χ^2/NDF : 597877.0/7

asym_at1_avg_at2_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2821.754 $\pm$ 2964.328 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1946.020 $\pm$ 2108.252 χ^2 /NDF: 4.8/4

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

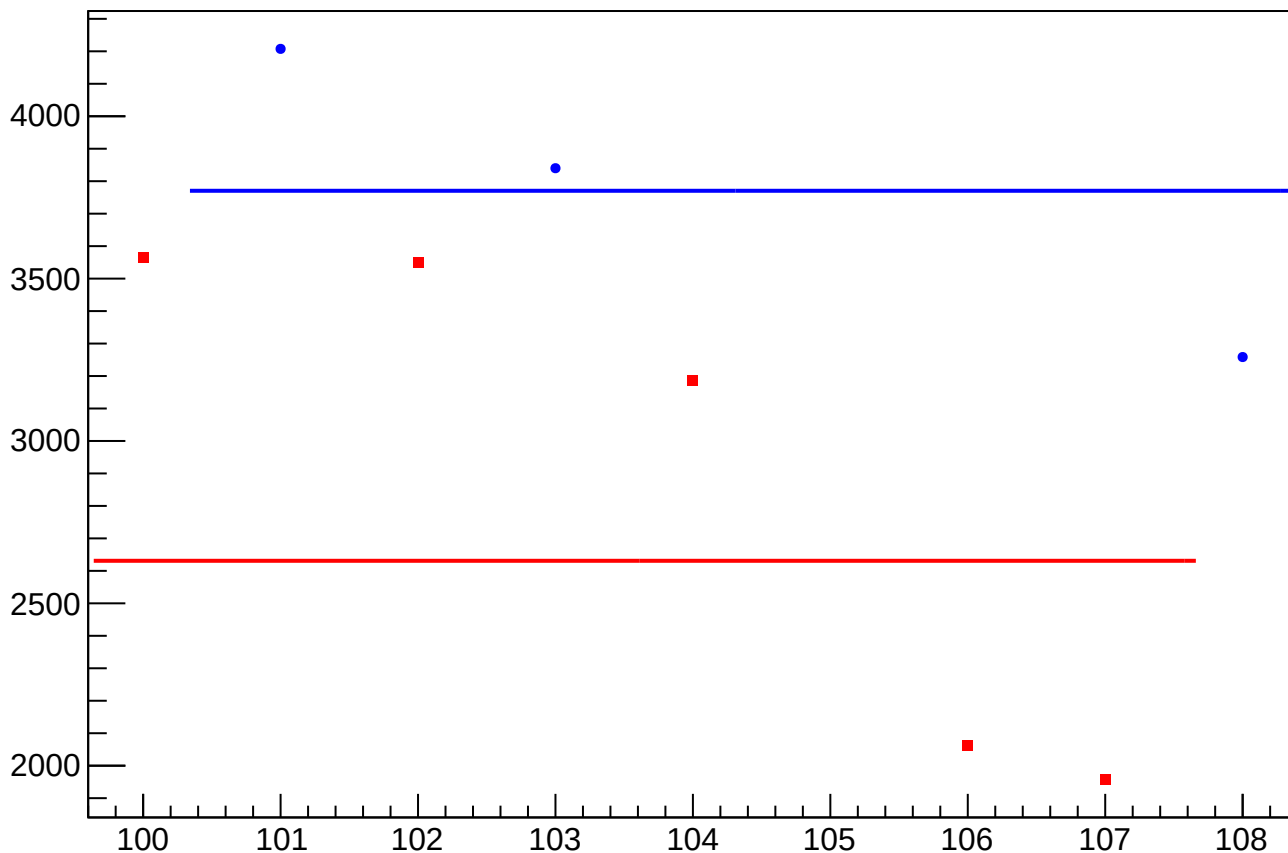
Right: -344.486 $\pm$ 1718.053 χ^2 /NDF: 6.6/7

In: 2821.754 $\pm$ 2964.328 χ^2 /NDF:0.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -344.486 $\pm$ 1718.053 χ^2 /NDF: 6.6/7

asym_at1_avg_at2_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3770.488+/-2.096 χ^2/NDF : 33927.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2631.006+/-1.491 χ^2/NDF : 217676.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

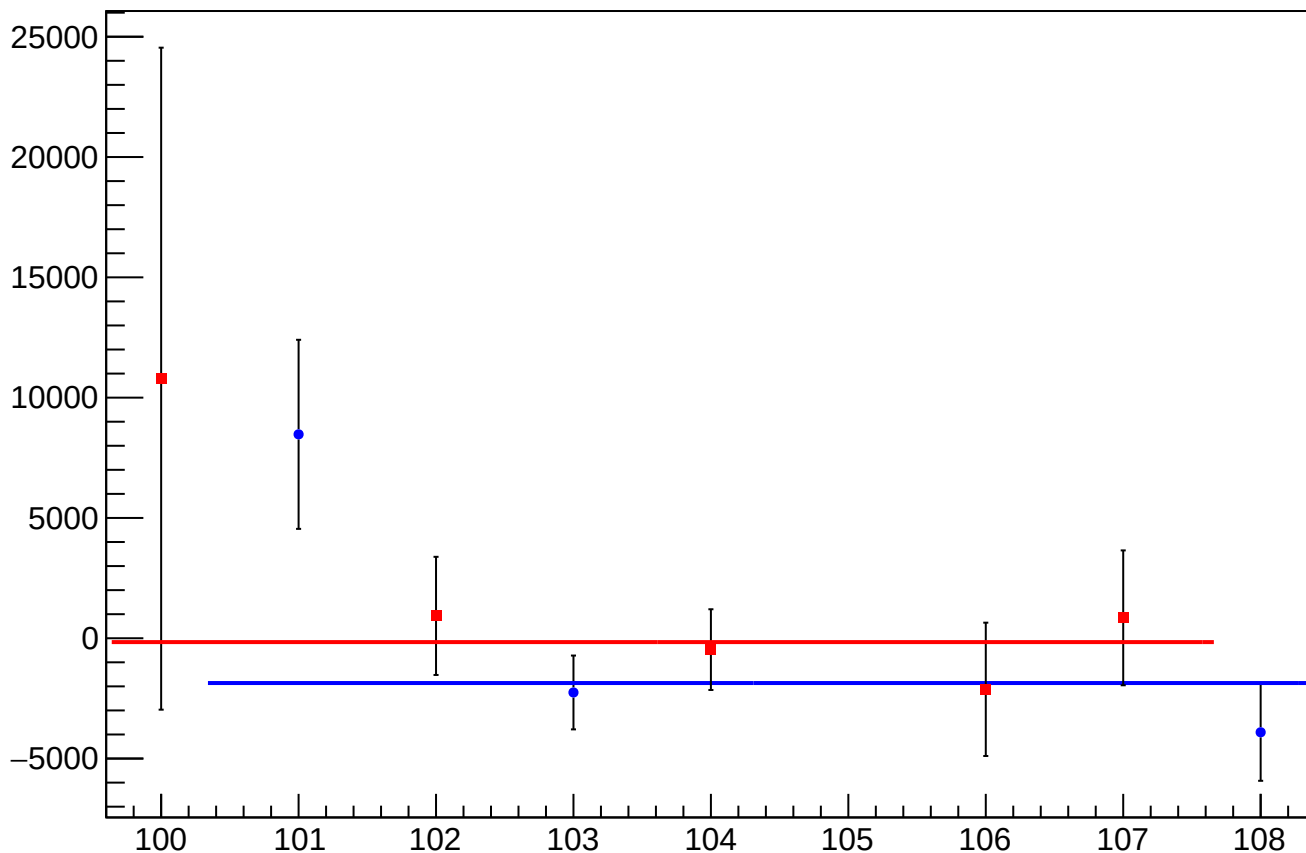
Right: 3013.767+/-1.215 χ^2/NDF : 447858.6/7

In: 3770.488+/-2.096 χ^2/NDF : 33927.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3013.767+/-1.215 χ^2/NDF : 447858.6/7

dit_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -1861.202+/-1166.136 χ^2/NDF : 8.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -159.727+/-1129.286 χ^2/NDF : 1.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

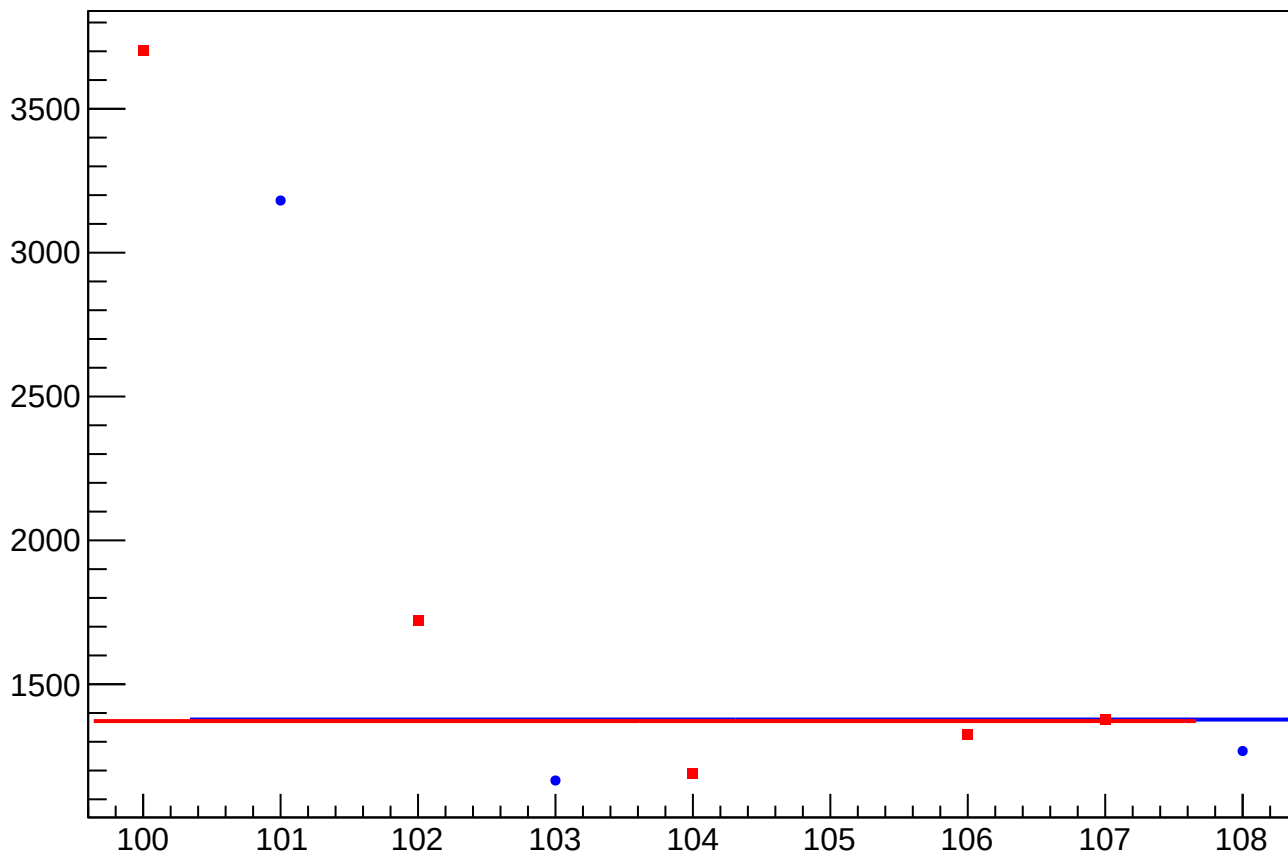
Right: -983.157+/-811.241 χ^2/NDF : 10.6/7

In: -1861.202+/-1166.136 χ^2/NDF : 8.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -983.157+/-811.241 χ^2/NDF : 10.6/7

dit_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1377.236+/-0.825 χ^2/NDF : 465616.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1371.929+/-0.795 χ^2/NDF : 121986.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

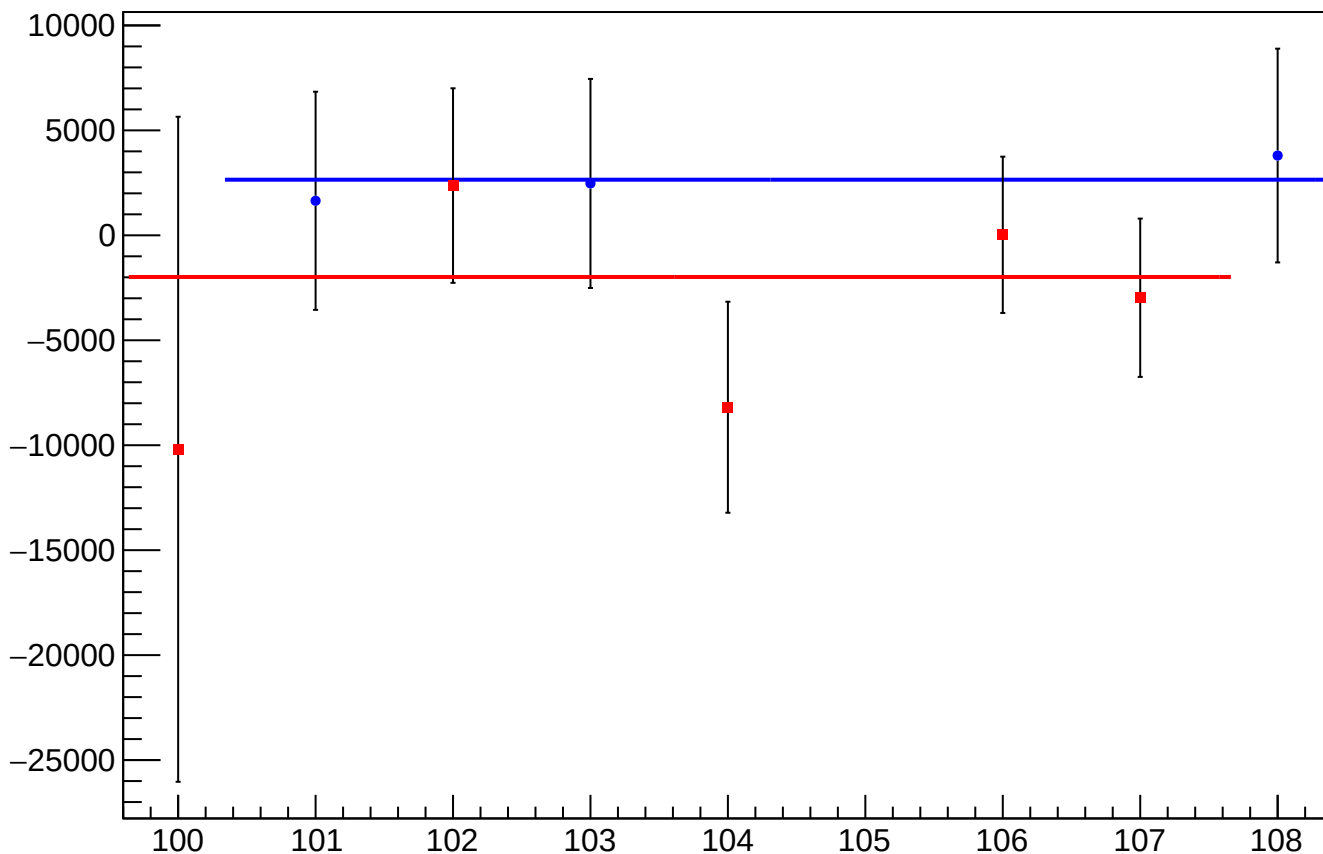
Right: 1374.487+/-0.572 χ^2/NDF : 587624.5/7

In: 1377.236+/-0.825 χ^2/NDF : 465616.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1374.487+/-0.572 χ^2/NDF : 587624.5/7

asym_at1_avg_at2_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 2649.880+/-2937.017 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1985.129+/-2073.476 χ^2/NDF : 3.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

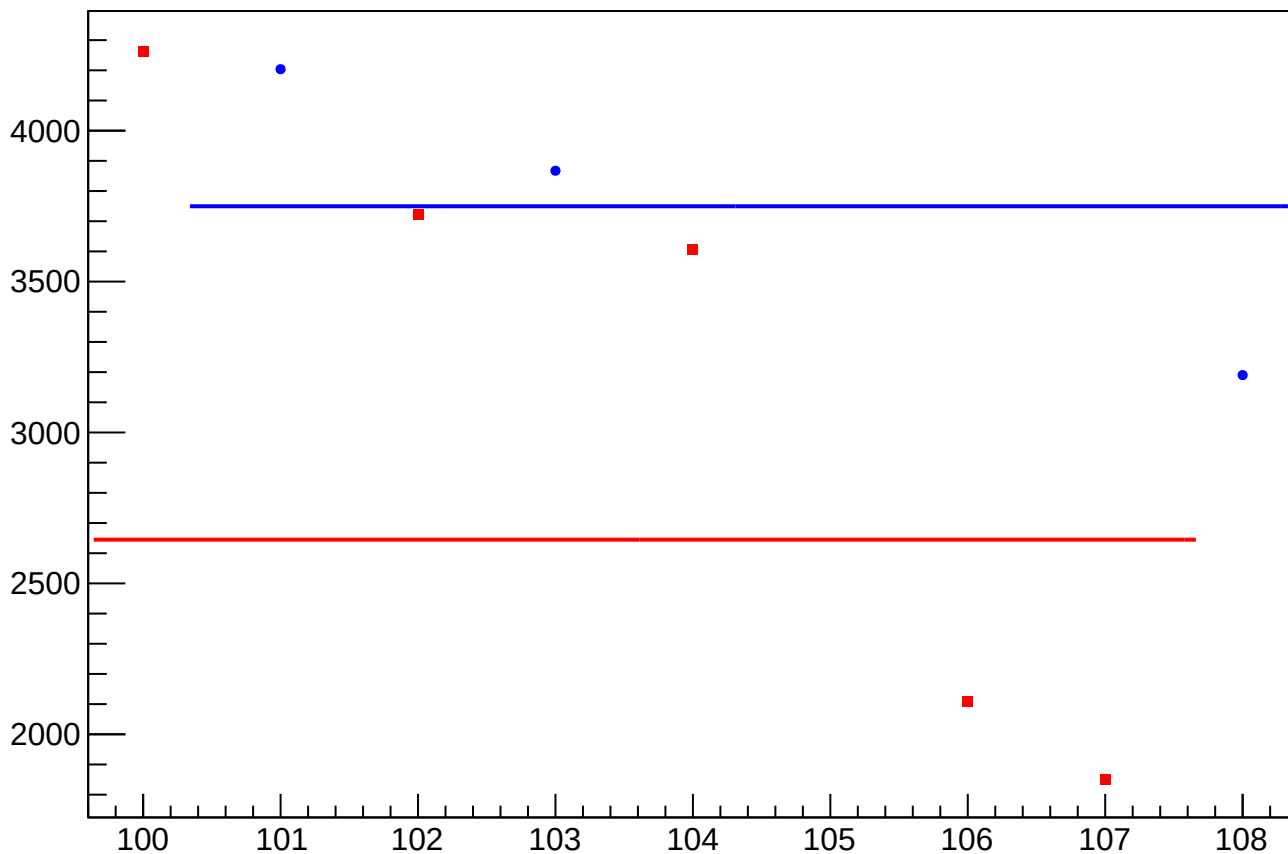
Right: -443.409+/-1693.885 χ^2/NDF : 4.8/7

In: 2649.880+/-2937.017 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -443.409+/-1693.885 χ^2/NDF : 4.8/7

asym_at1_avg_at2_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3749.540+/-2.077 χ^2/NDF : 40530.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2644.883+/-1.466 χ^2/NDF : 333211.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

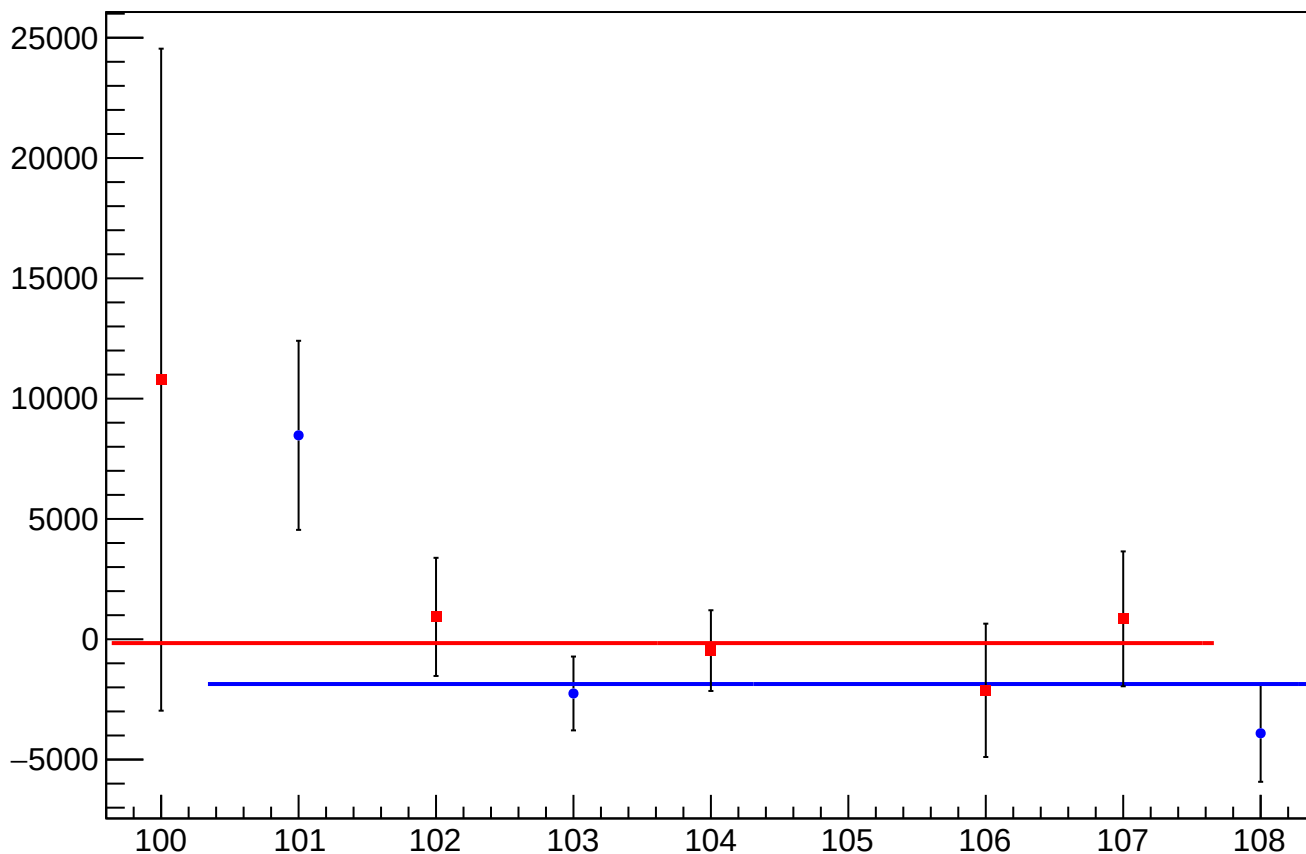
Right: 3012.320+/-1.198 χ^2/NDF : 562559.4/7

In: 3749.540+/-2.077 χ^2/NDF : 40530.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3012.320+/-1.198 χ^2/NDF : 562559.4/7

eigen_dit_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -1861.205+/-1166.136 χ^2/NDF : 8.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -159.735+/-1129.286 χ^2/NDF : 1.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

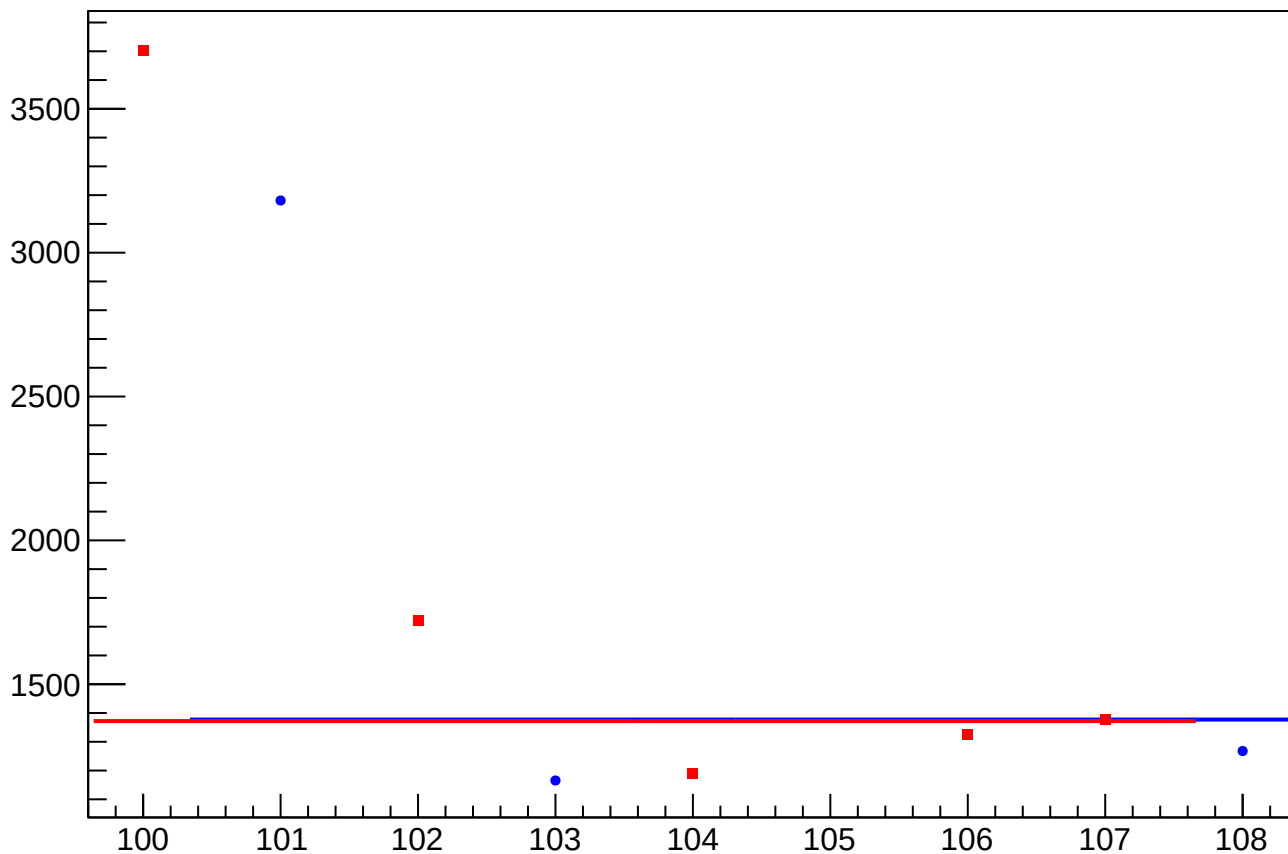
Right: -983.162+/-811.241 χ^2/NDF : 10.6/7

In: -1861.205+/-1166.136 χ^2/NDF : 8.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -983.162+/-811.241 χ^2/NDF : 10.6/7

eigen_dit_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1377.236+/-0.825 χ^2/NDF : 465616.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1371.928+/-0.795 χ^2/NDF : 121986.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

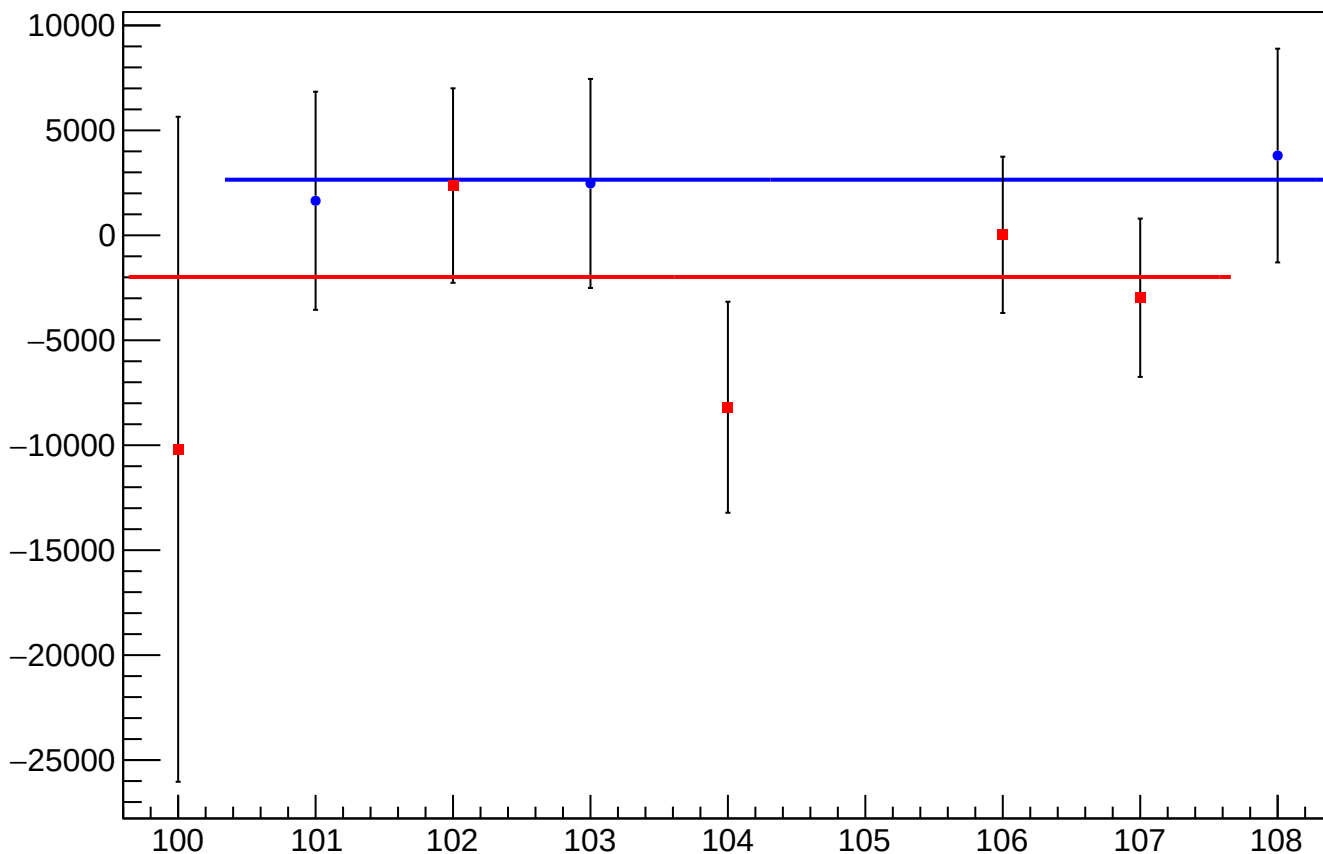
Right: 1374.487+/-0.572 χ^2/NDF : 587624.6/7

In: 1377.236+/-0.825 χ^2/NDF : 465616.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1374.487+/-0.572 χ^2/NDF : 587624.6/7

asym_at1_avg_at2_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 2649.883+/-2937.015 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1985.135+/-2073.473 χ^2/NDF : 3.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

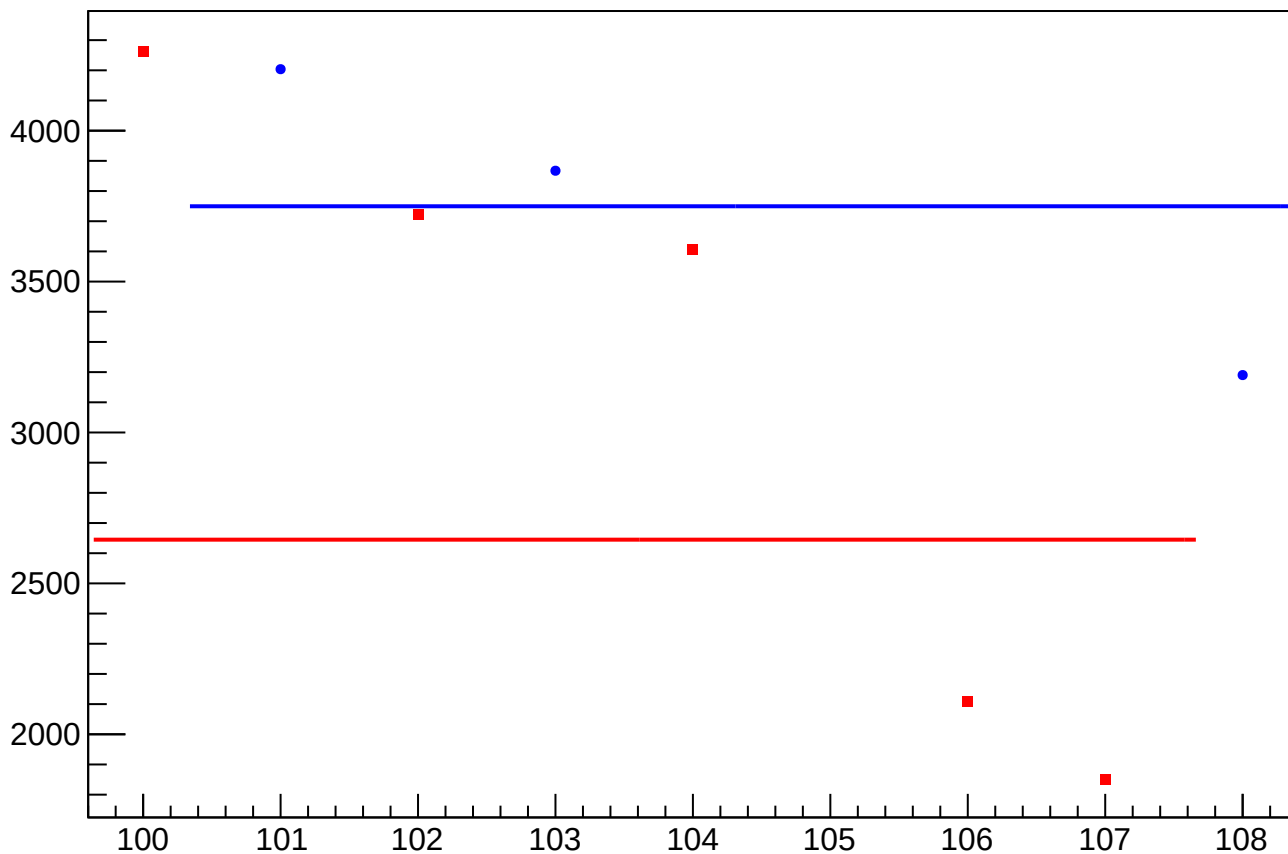
Right: -443.414+/-1693.883 χ^2/NDF : 4.8/7

In: 2649.883+/-2937.015 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -443.414+/-1693.883 χ^2/NDF : 4.8/7

asym_at1_avg_at2_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3749.538+/-2.077 χ^2/NDF : 40531.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2644.879+/-1.466 χ^2/NDF : 333214.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

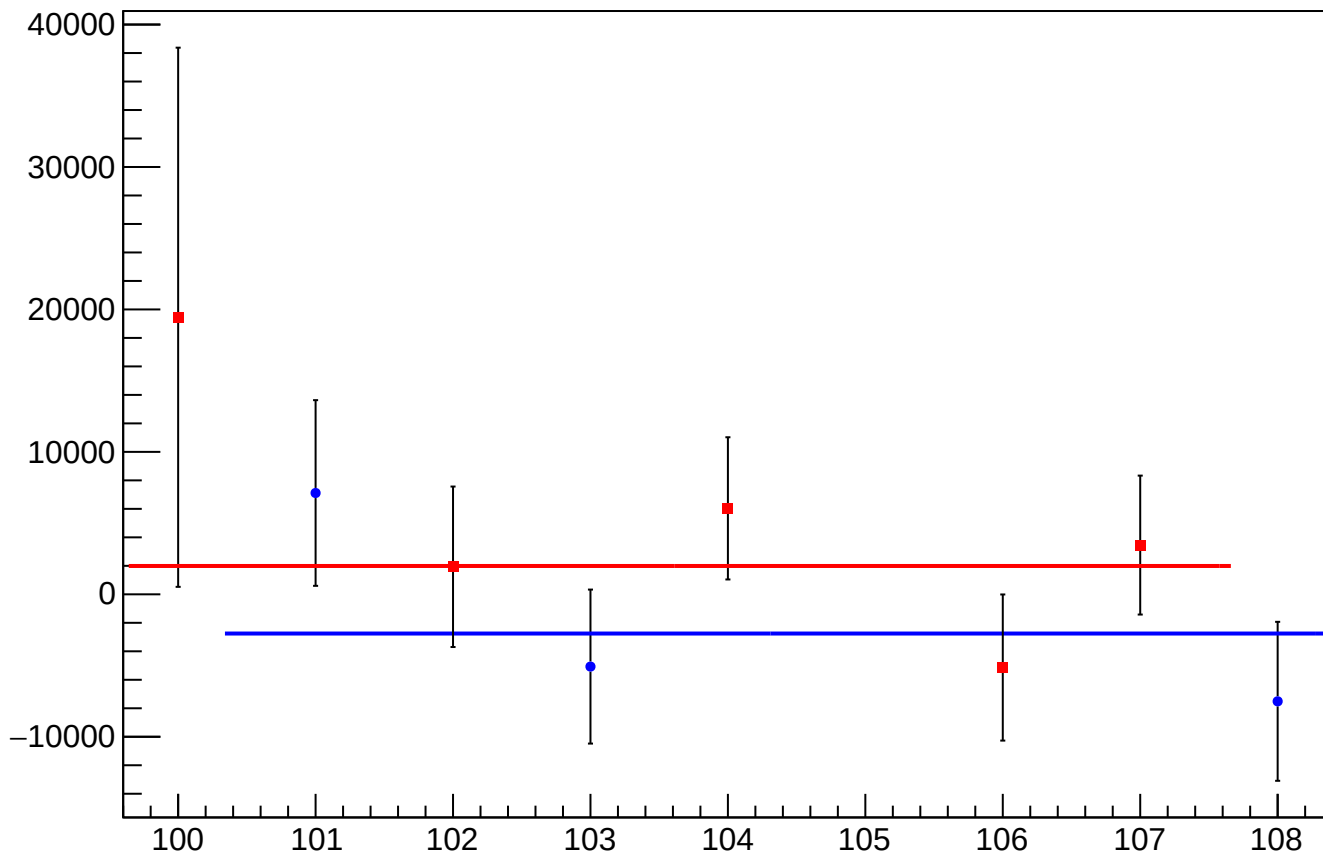
Right: 3012.316+/-1.198 χ^2/NDF : 562564.0/7

In: 3749.538+/-2.077 χ^2/NDF : 40531.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3012.316+/-1.198 χ^2/NDF : 562564.0/7

asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -2752.341+/-3335.640 χ^2/NDF : 3.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1990.033+/-2544.165 χ^2/NDF : 3.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

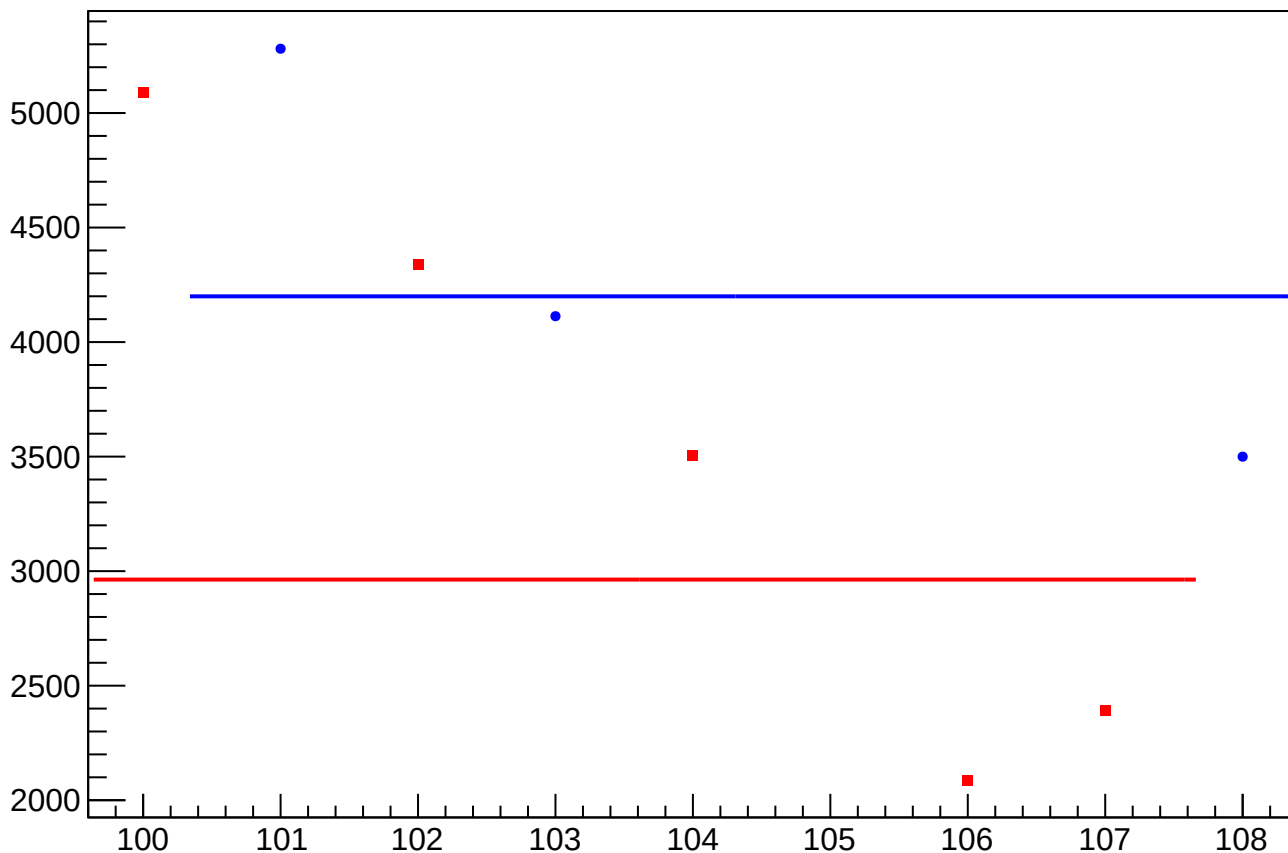
Right: 245.851+/-2022.913 χ^2/NDF : 8.0/7

In: -2752.341+/-3335.640 χ^2/NDF : 3.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 245.851+/-2022.913 χ^2/NDF : 8.0/7

asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 4199.698+/-2.359 χ^2/NDF : 86987.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2963.191+/-1.715 χ^2/NDF : 277140.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

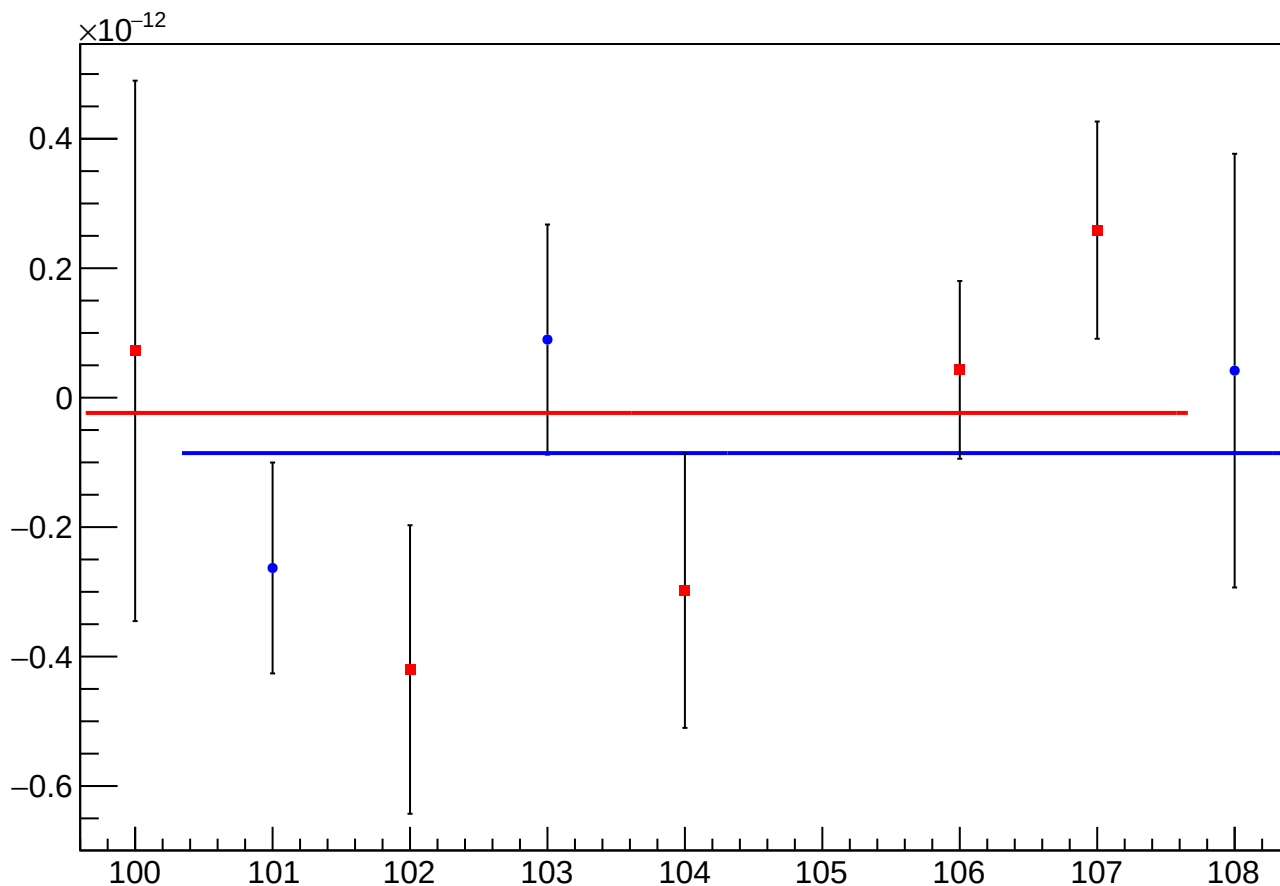
Right: 3390.711+/-1.387 χ^2/NDF : 543953.0/7

In: 4199.698+/-2.359 χ^2/NDF : 86987.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3390.711+/-1.387 χ^2/NDF : 543953.0/7

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

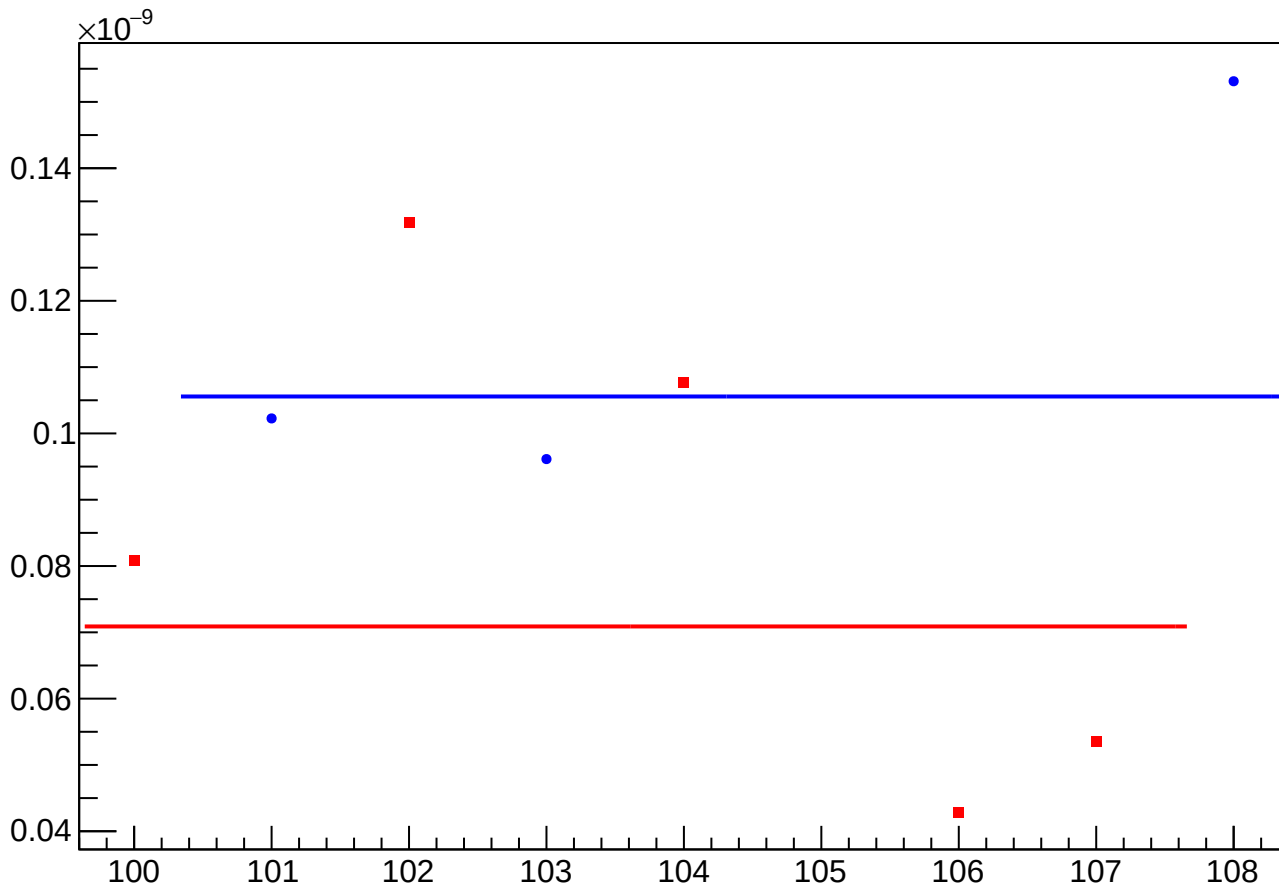
Right: -0.000+/-0.000 χ^2/NDF : 10.5/7

In: -0.000+/-0.000 χ^2/NDF : 2.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.5/7

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 46744.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 315566.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

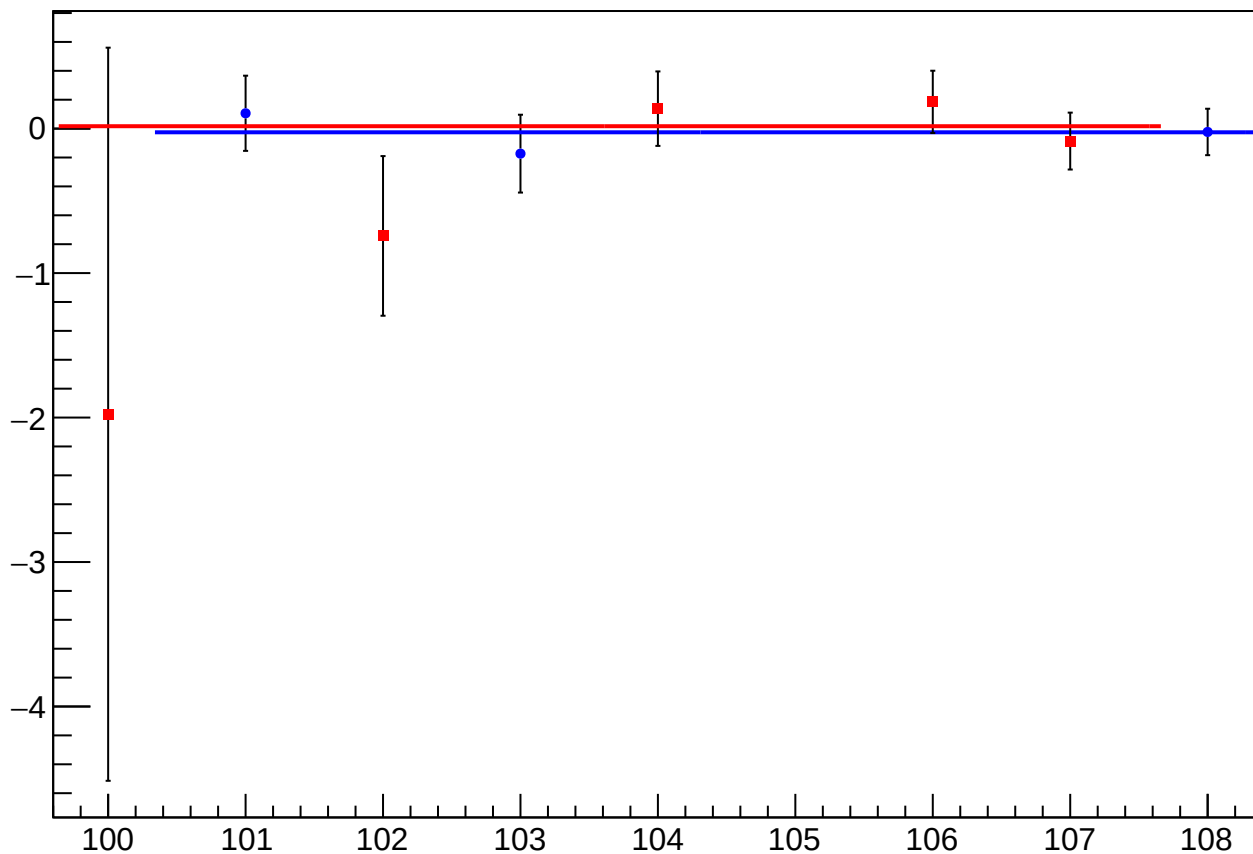
Right: 0.000+/-0.000 χ^2/NDF : 482036.9/7

In: 0.000+/-0.000 χ^2/NDF : 46744.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 482036.9/7

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025 $\pm$ 0.122 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.017 $\pm$ 0.123 χ^2 /NDF: 3.6/4

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

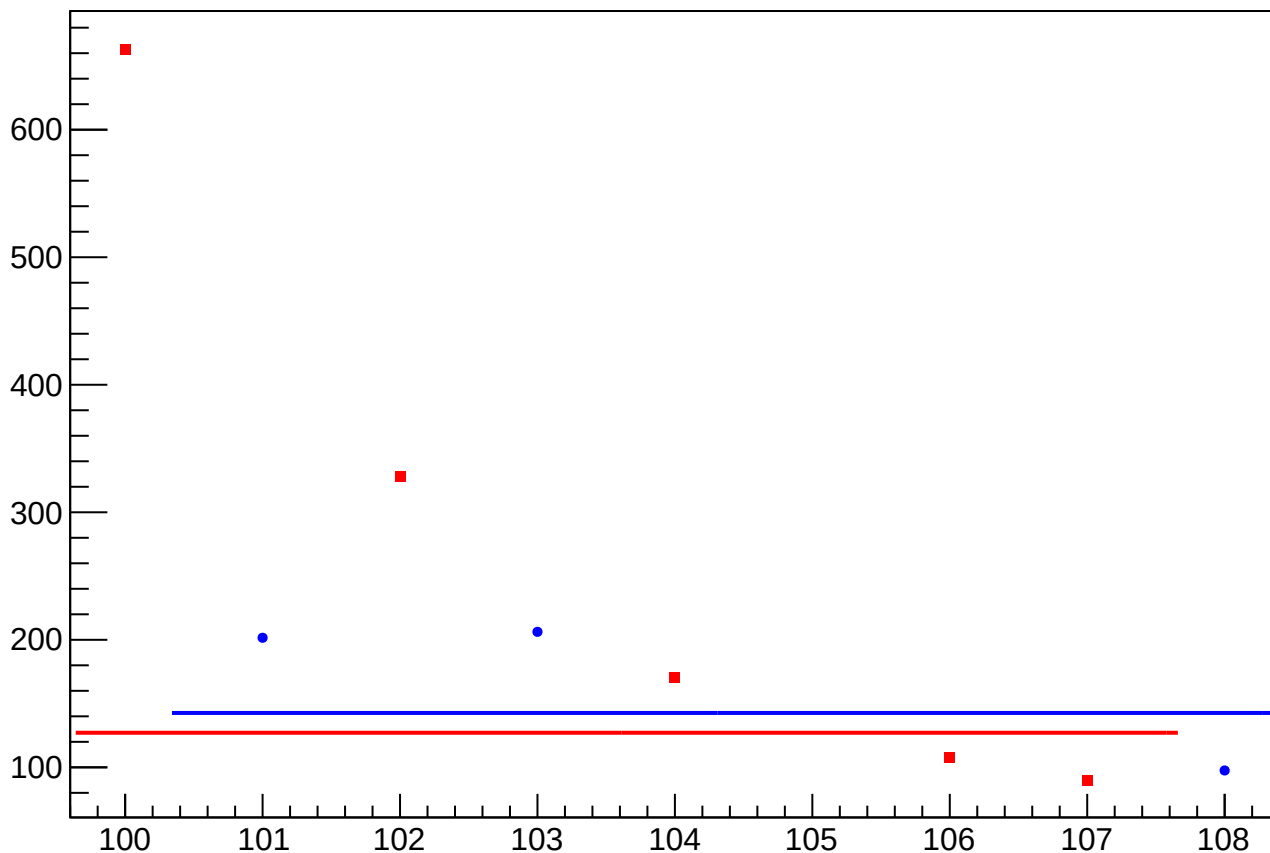
Right: -0.005 $\pm$ 0.087 χ^2 /NDF: 4.2/7

In: -0.025 $\pm$ 0.122 χ^2 /NDF: 0.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.005 $\pm$ 0.087 χ^2 /NDF: 4.2/7

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.654+/-0.086 χ^2/NDF : 371642.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.125+/-0.087 χ^2/NDF : 499038.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

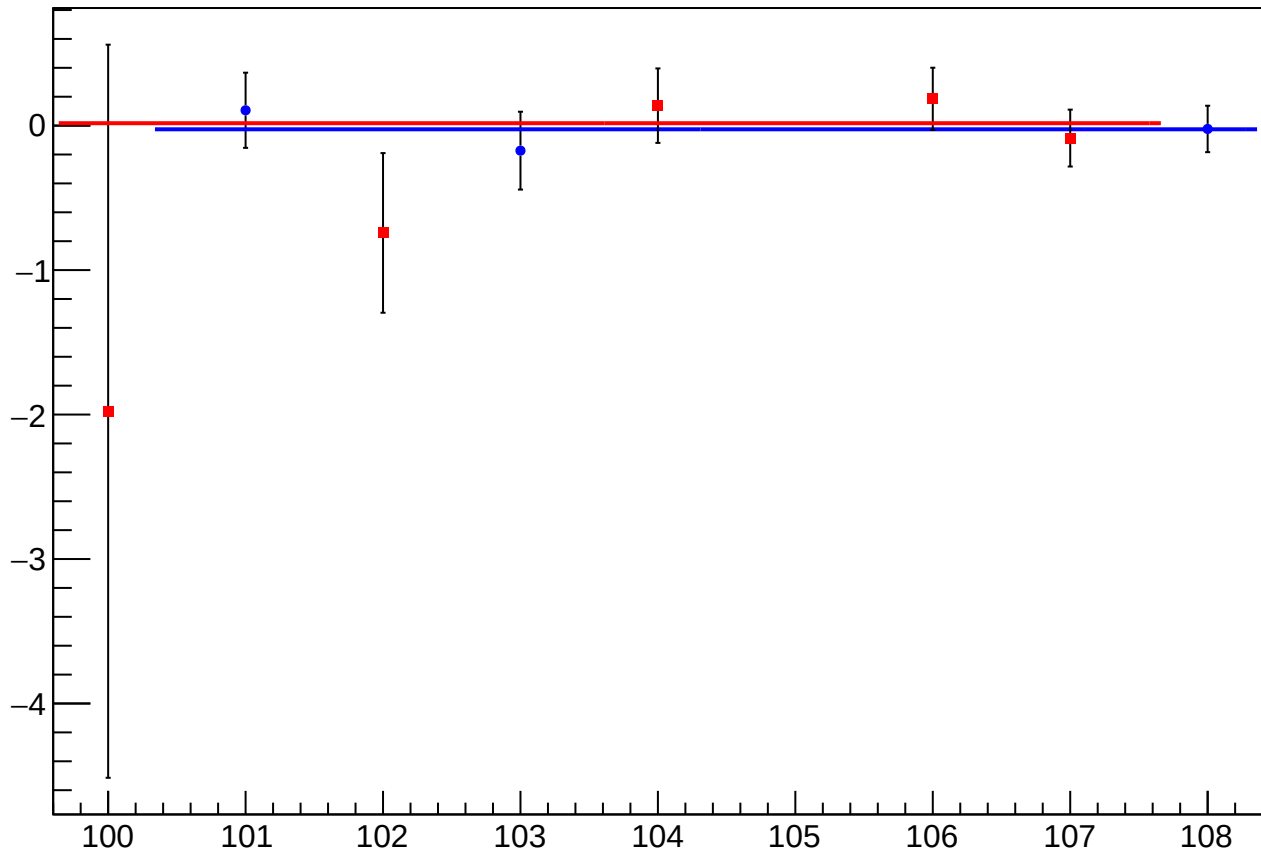
Right: 134.976+/-0.061 χ^2/NDF : 886720.7/7

In: 142.654+/-0.086 χ^2/NDF : 371642.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.976+/-0.061 χ^2/NDF : 886720.7/7

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025 ± 0.122 χ^2/NDF : 0.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.017 ± 0.123 χ^2/NDF : 3.6/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

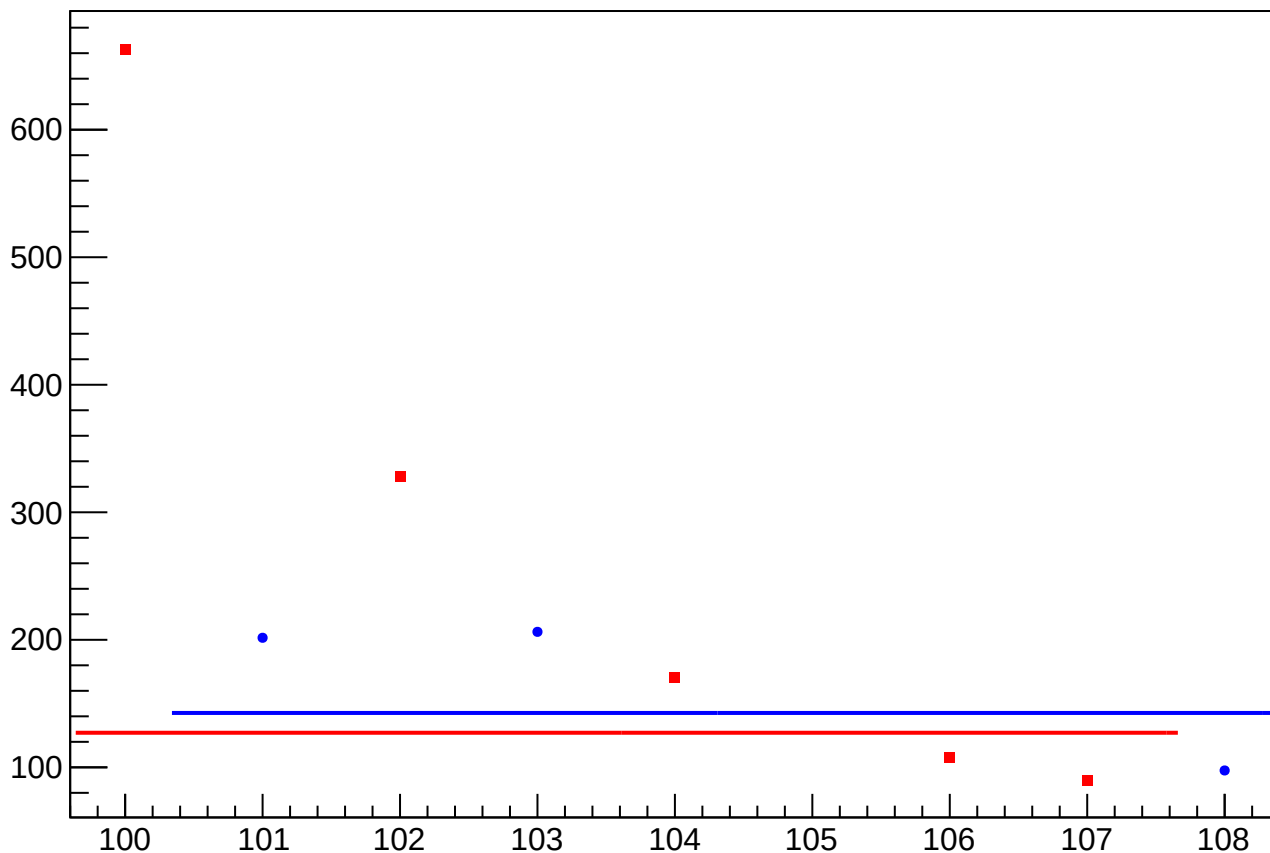
Right: -0.005 ± 0.087 χ^2/NDF : 4.2/7

In: -0.025 ± 0.122 χ^2/NDF : 0.6/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.005 ± 0.087 χ^2/NDF : 4.2/7

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.654 $\pm$ 0.086 χ^2 /NDF: 371642.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 127.125 $\pm$ 0.087 χ^2 /NDF: 499038.6/4

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

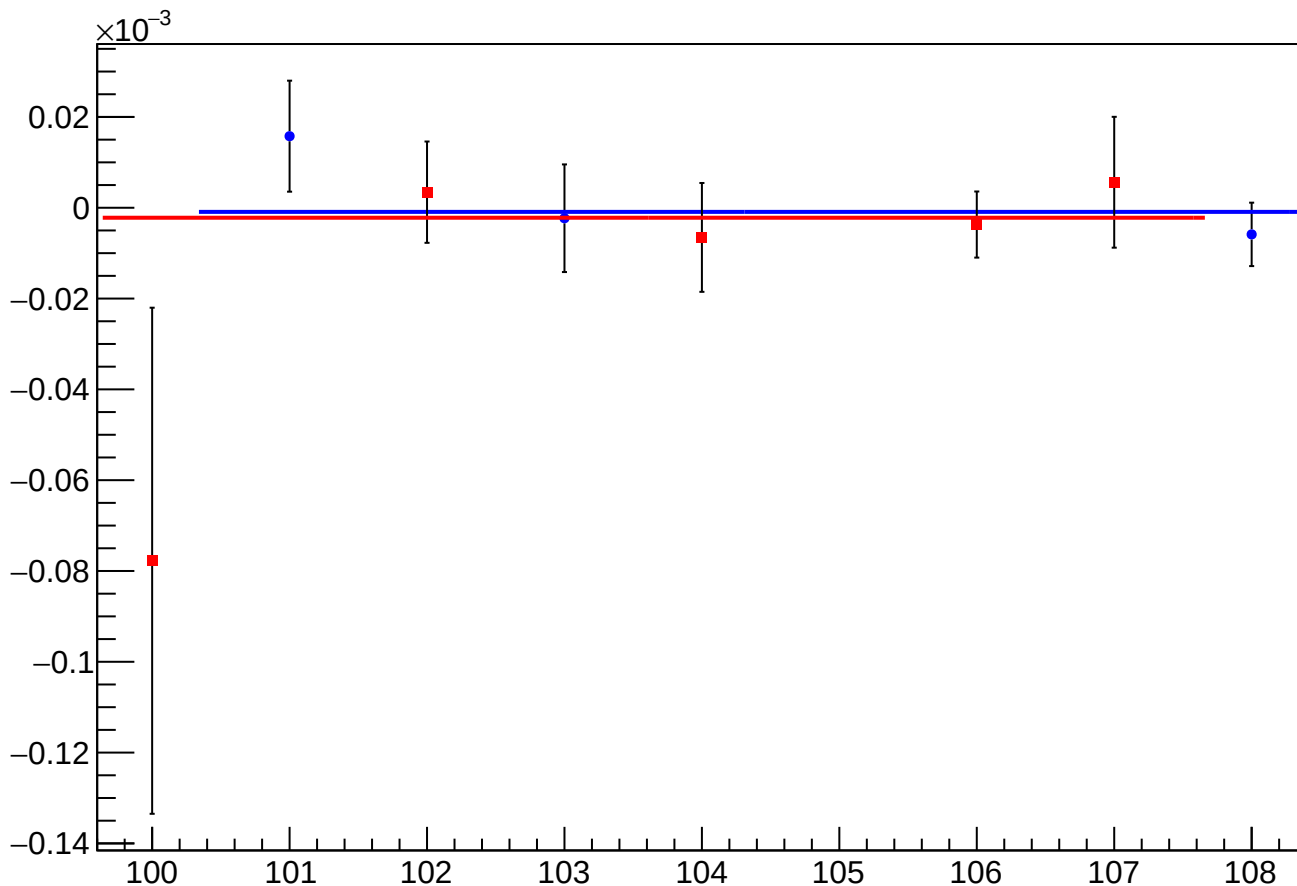
Right: 134.976 $\pm$ 0.061 χ^2 /NDF: 886720.7/7

In: 142.654 $\pm$ 0.086 χ^2 /NDF:371642.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 134.976 $\pm$ 0.061 χ^2 /NDF: 886720.7/7

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: 2.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 2.6/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

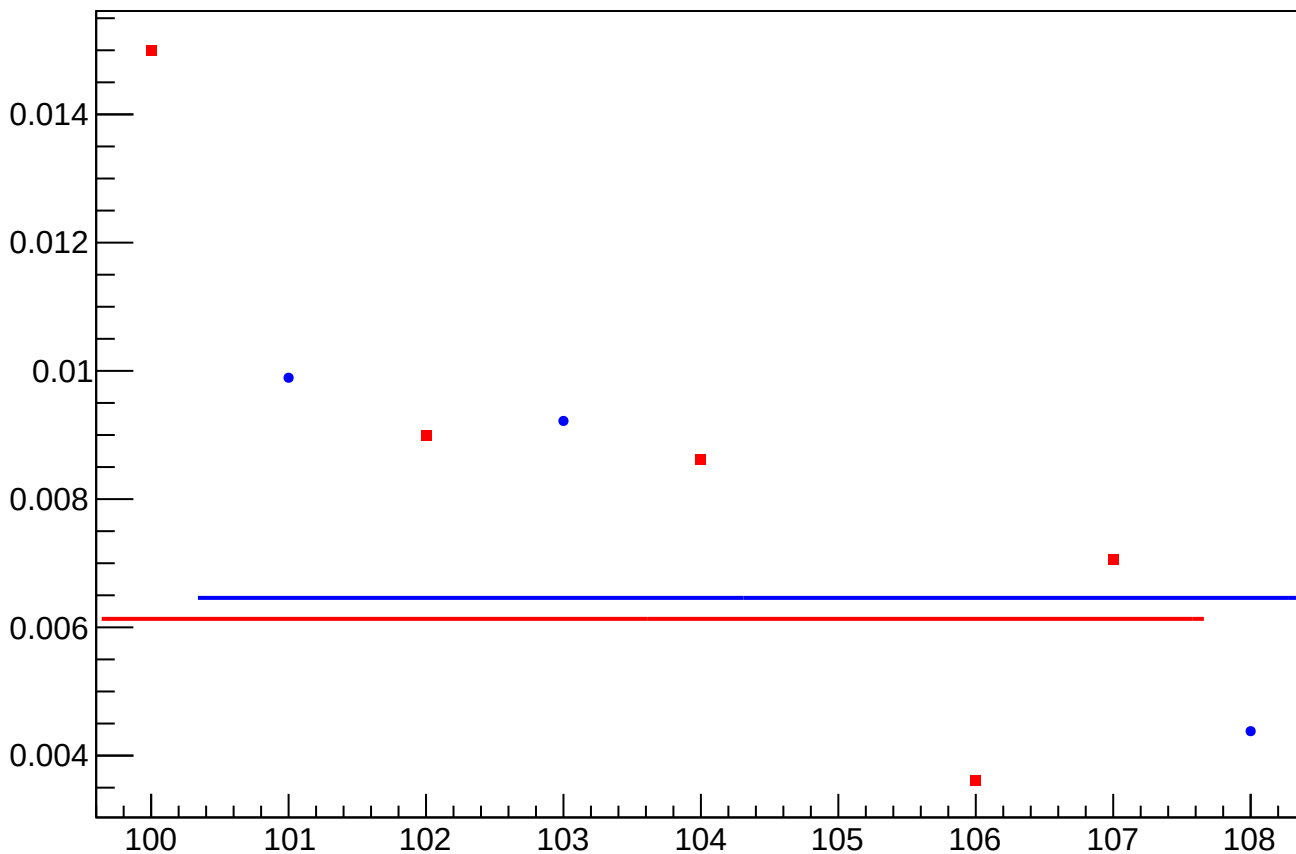
Right: -0.000+/-0.000 χ^2 /NDF: 5.0/7

In: -0.000+/-0.000 χ^2 /NDF:2.4/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 5.0/7

asym_at1_avg_at2_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 443261.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 515340.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

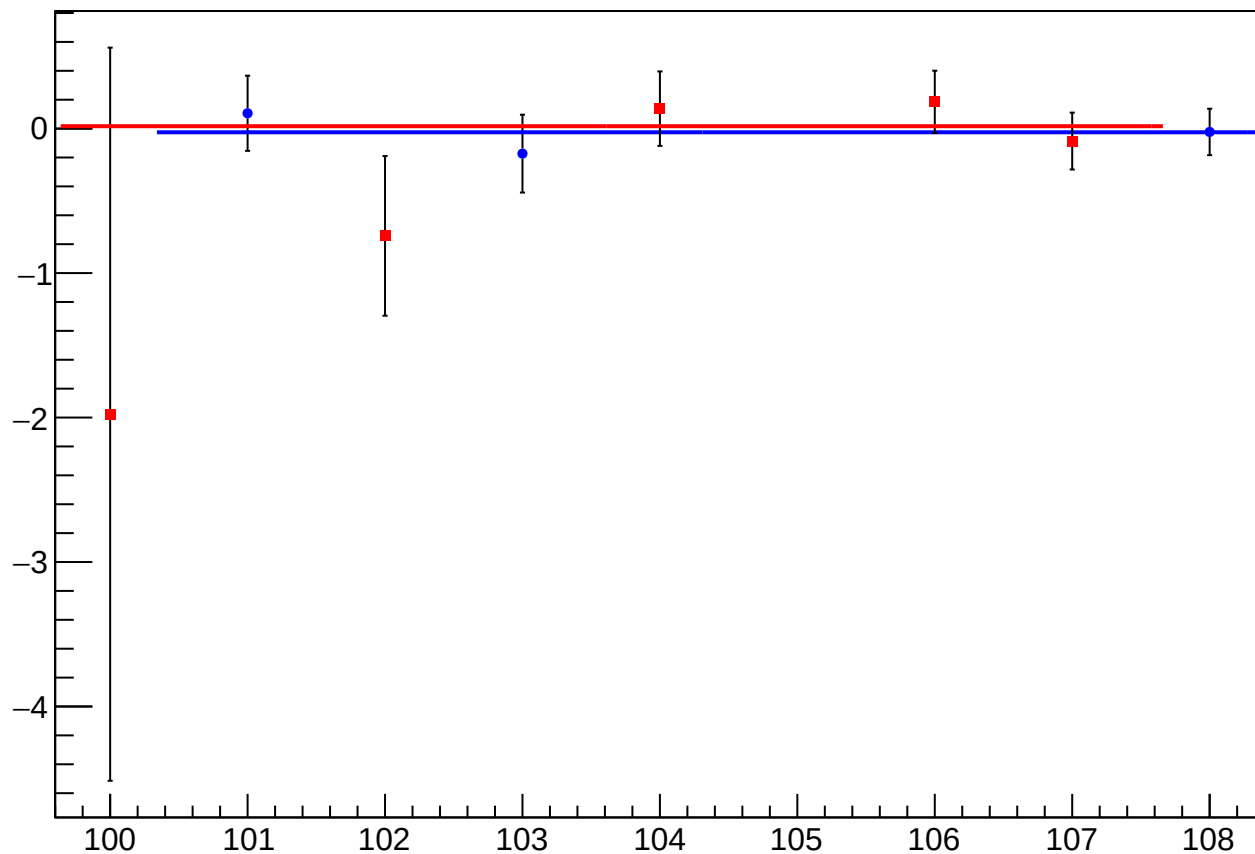
Right: 0.006+/-0.000 χ^2/NDF : 962507.8/7

In: 0.006+/-0.000 χ^2/NDF : 443261.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 962507.8/7

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025 ± 0.122 $\chi^2/\text{NDF}: 0.6/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.017 ± 0.123 $\chi^2/\text{NDF}: 3.6/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

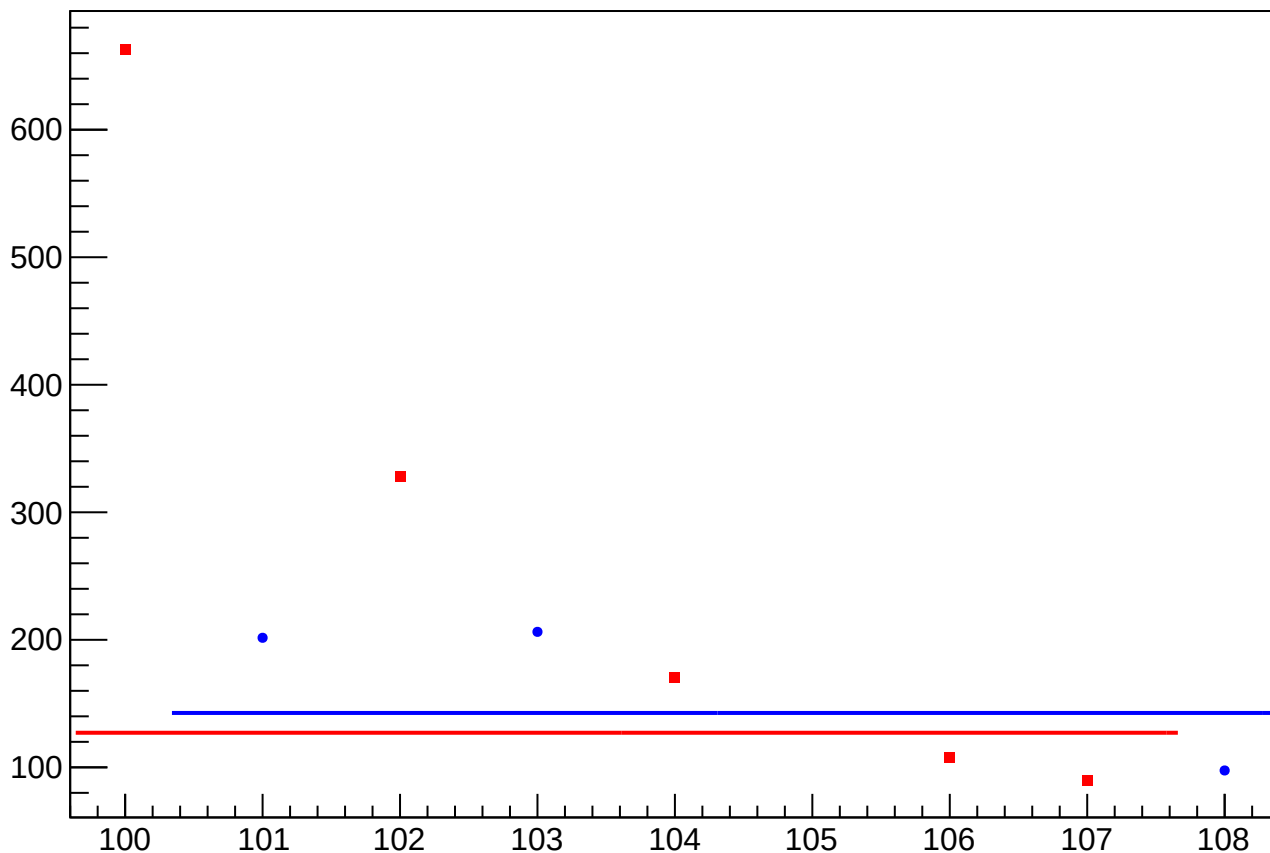
Right: -0.005 ± 0.087 $\chi^2/\text{NDF}: 4.2/7$

In: -0.025 ± 0.122 $\chi^2/\text{NDF}: 0.6/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.005 ± 0.087 $\chi^2/\text{NDF}: 4.2/7$

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.655+/-0.086 χ^2/NDF : 371607.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.129+/-0.087 χ^2/NDF : 499002.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

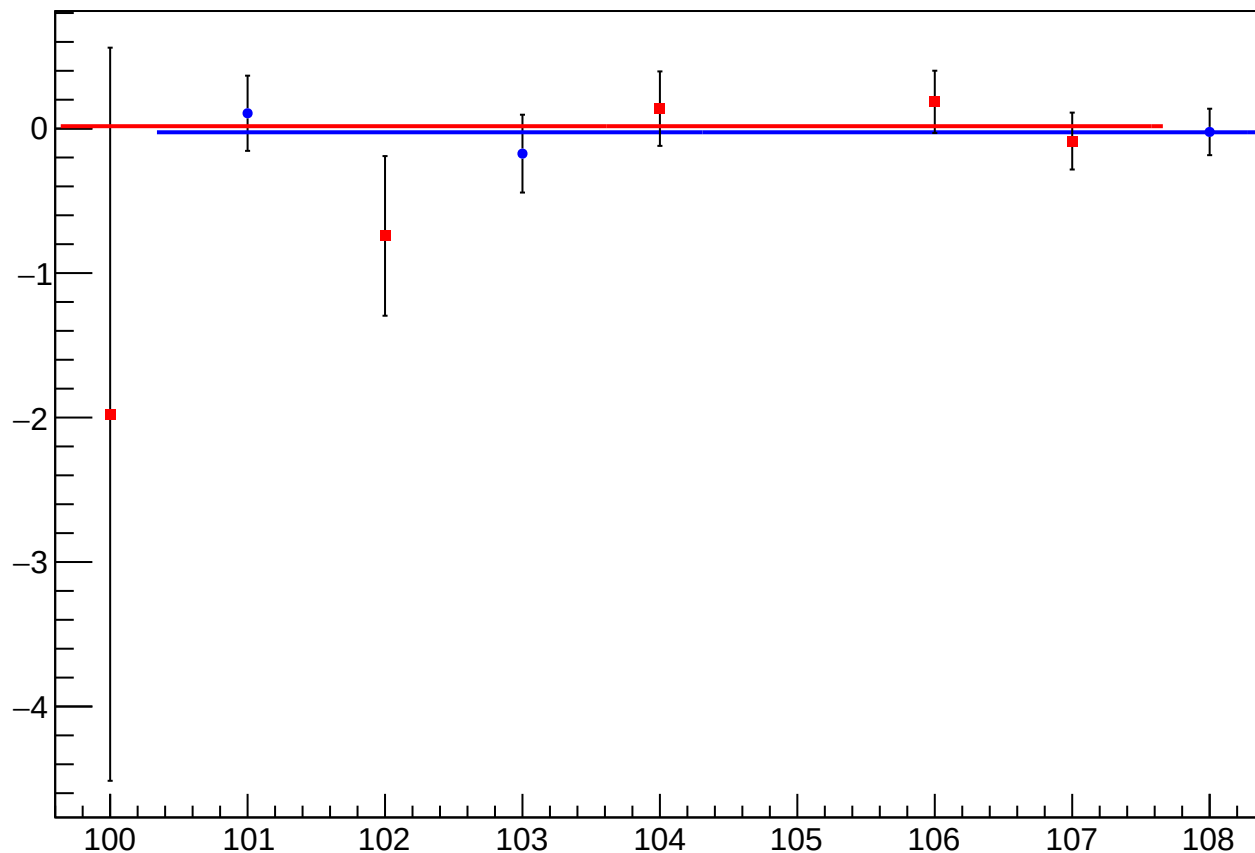
Right: 134.979+/-0.061 χ^2/NDF : 886644.0/7

In: 142.655+/-0.086 χ^2/NDF : 371607.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.979+/-0.061 χ^2/NDF : 886644.0/7

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025 ± 0.122 χ^2/NDF : 0.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.017 ± 0.123 χ^2/NDF : 3.6/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

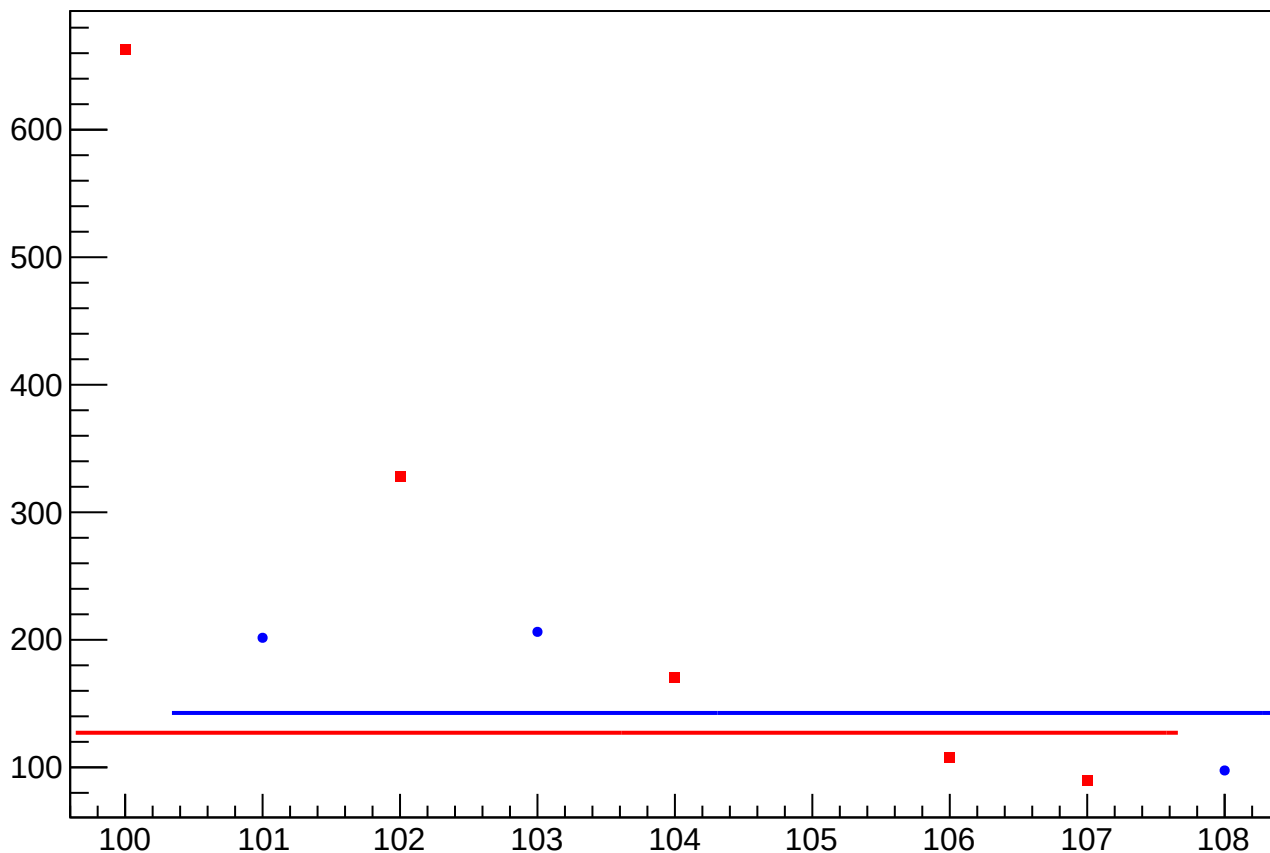
Right: -0.005 ± 0.087 χ^2/NDF : 4.2/7

In: -0.025 ± 0.122 χ^2/NDF : 0.6/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.005 ± 0.087 χ^2/NDF : 4.2/7

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.655+/-0.086 χ^2/NDF : 371607.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.129+/-0.087 χ^2/NDF : 499002.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

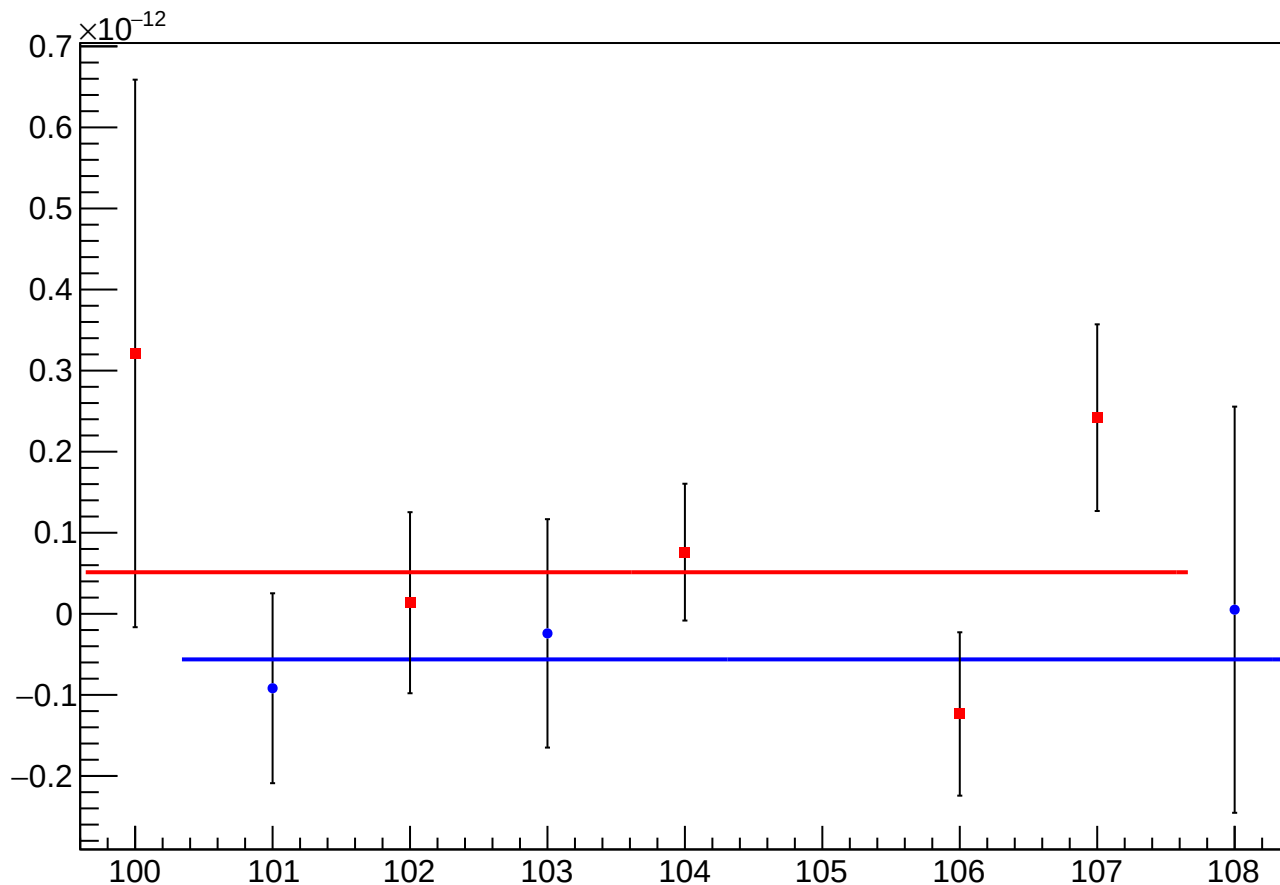
Right: 134.979+/-0.061 χ^2/NDF : 886644.0/7

In: 142.655+/-0.086 χ^2/NDF : 371607.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.979+/-0.061 χ^2/NDF : 886644.0/7

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 : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

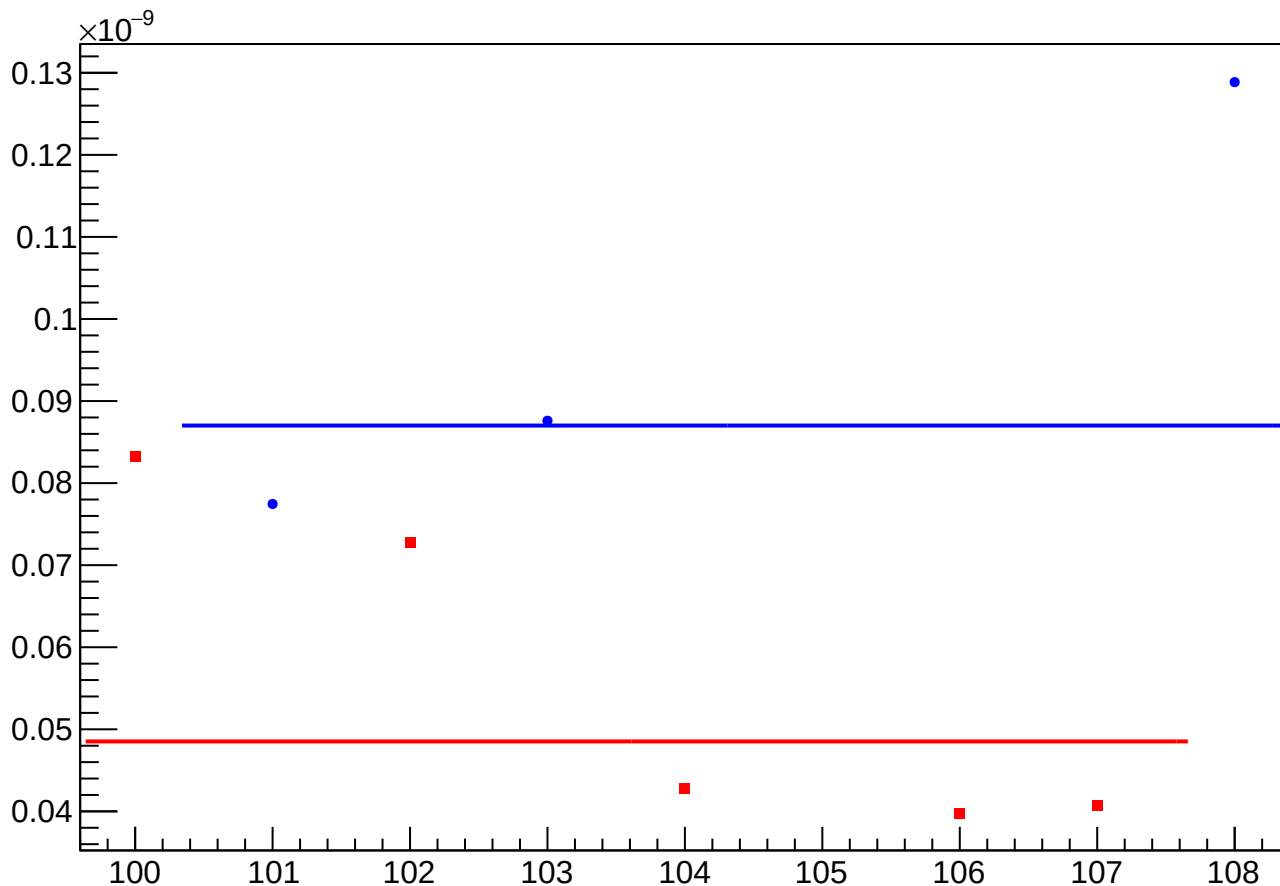
Right: 0.000+/-0.000 χ^2/NDF : 8.0/7

In: -0.000+/-0.000 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.0/7

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 : 69167.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 148752.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

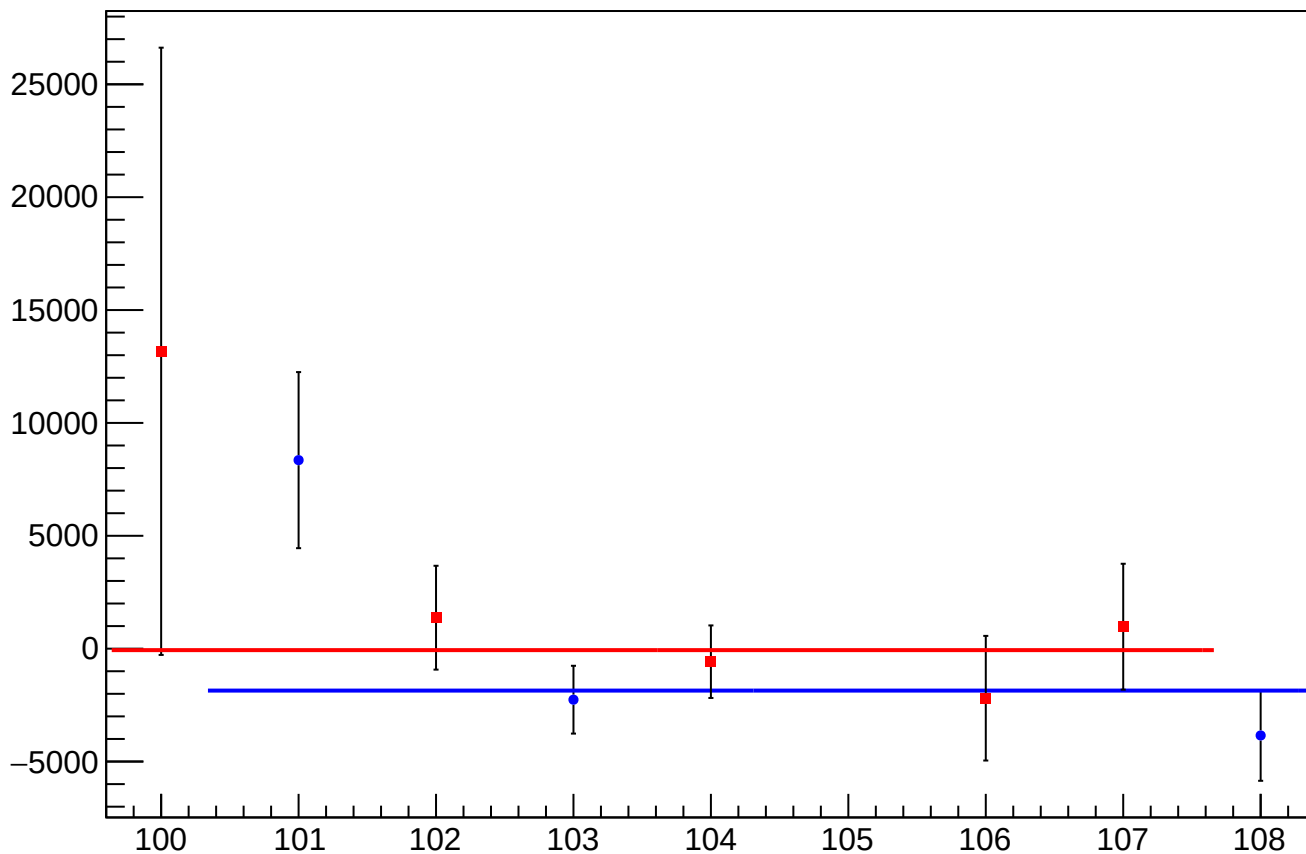
Right: 0.000+/-0.000 χ^2/NDF : 524604.2/7

In: 0.000+/-0.000 χ^2/NDF : 69167.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 524604.2/7

reg_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -1857.127+/-1149.498 χ^2/NDF : 7.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -64.683+/-1089.939 χ^2/NDF : 2.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

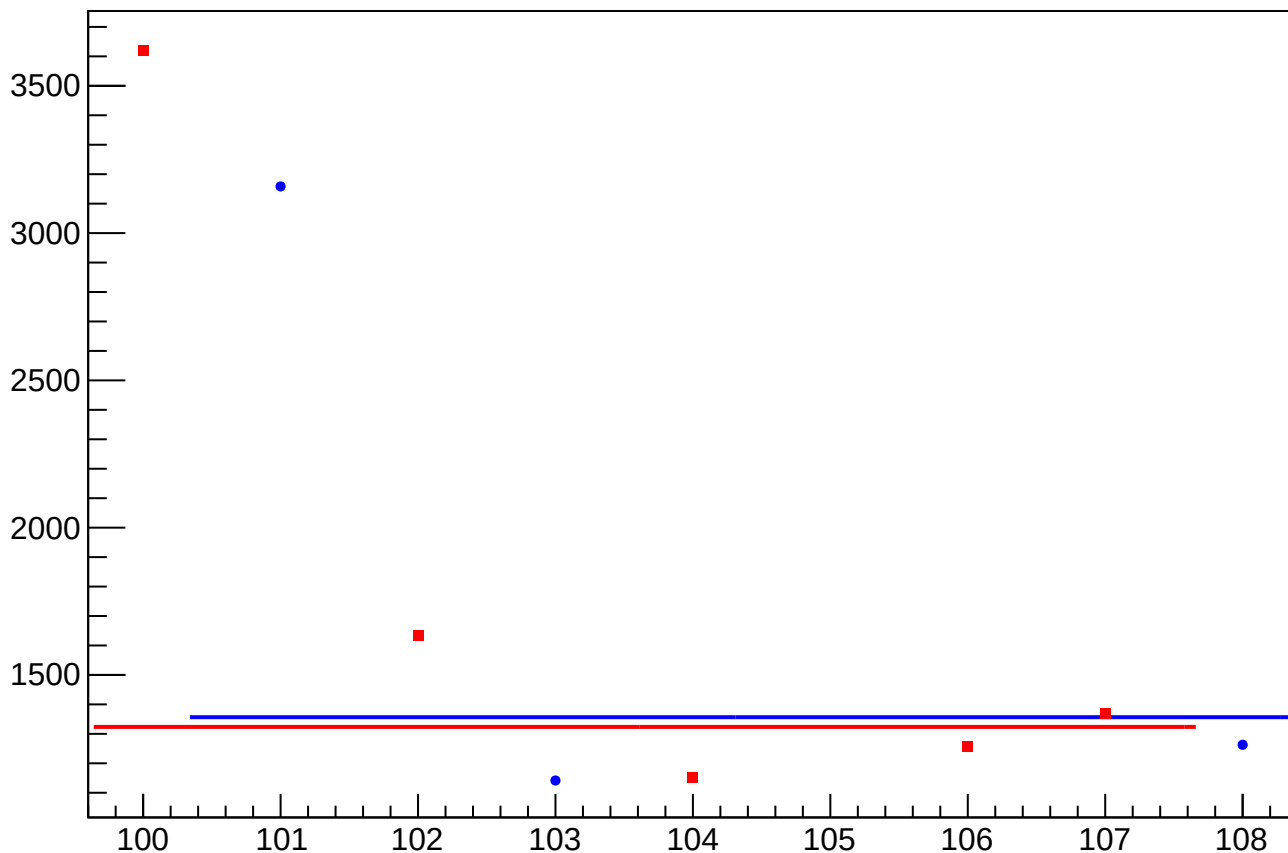
Right: -913.268+/-790.921 χ^2/NDF : 11.4/7

In: -1857.127+/-1149.498 χ^2/NDF : 7.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -913.268+/-790.921 χ^2/NDF : 11.4/7

reg_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1356.507+/-0.813 χ^2/NDF : 472191.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1323.578+/-0.761 χ^2/NDF : 119760.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

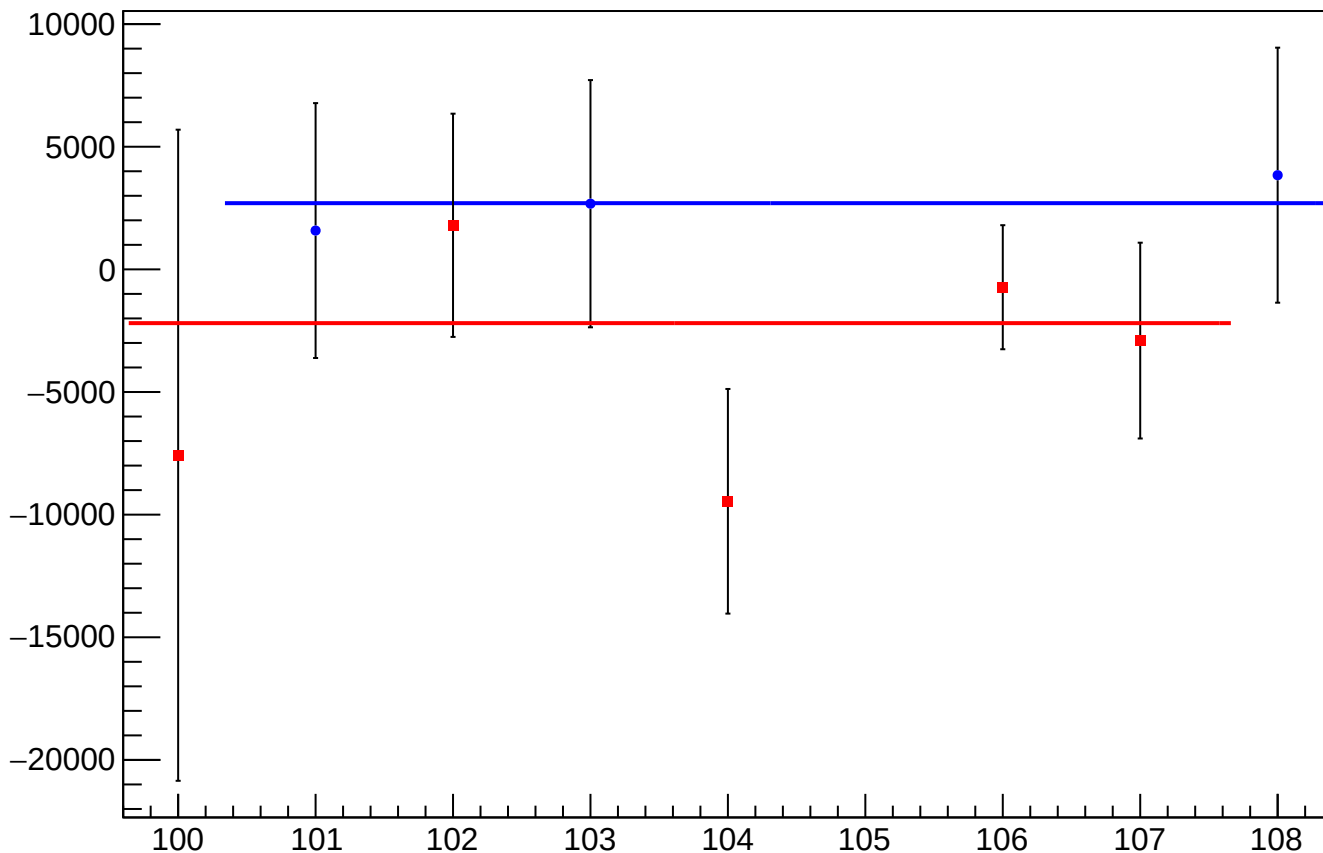
Right: 1338.955+/-0.555 χ^2/NDF : 592826.5/7

In: 1356.507+/-0.813 χ^2/NDF : 472191.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1338.955+/-0.555 χ^2/NDF : 592826.5/7

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 2699.044+/-2969.420 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2191.980+/-1765.575 χ^2/NDF : 3.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

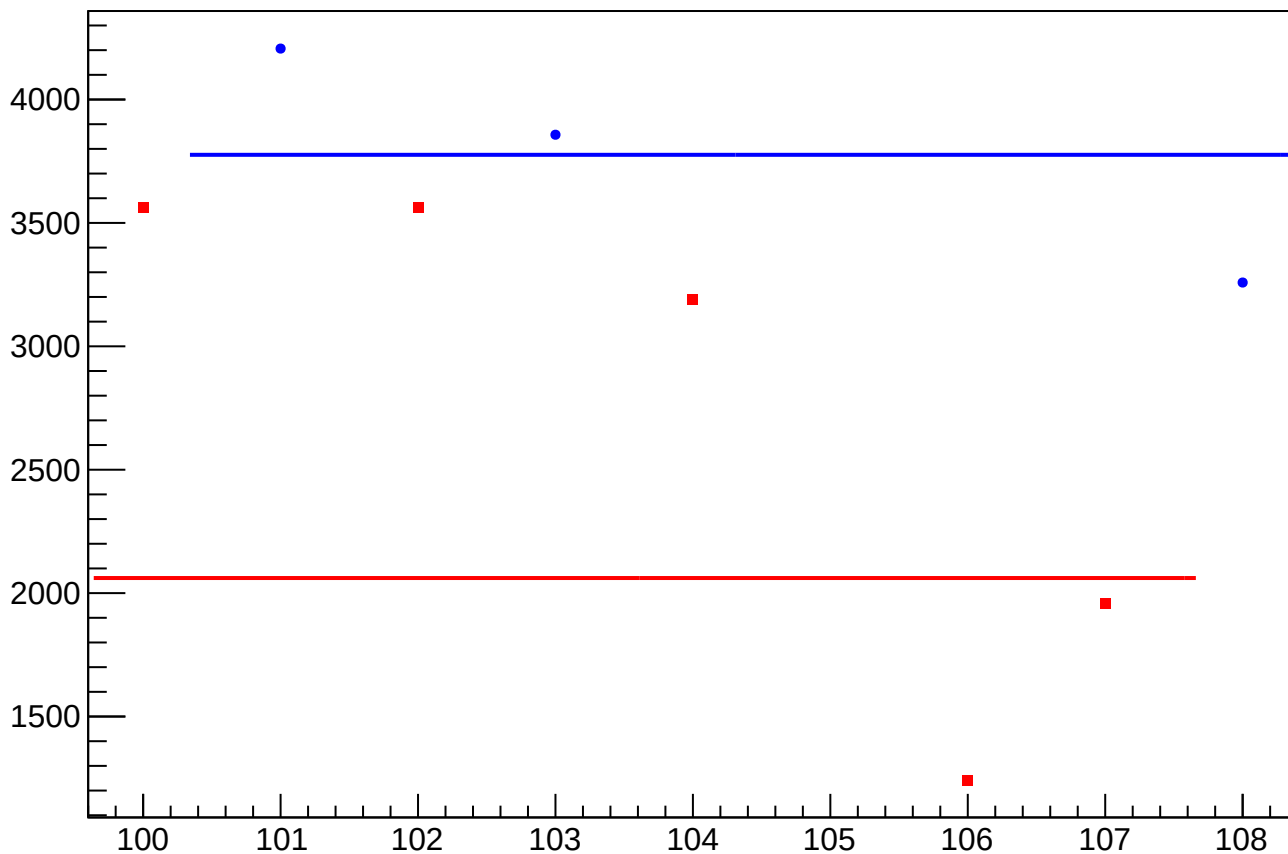
Right: -914.482+/-1517.581 χ^2/NDF : 5.9/7

In: 2699.044+/-2969.420 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -914.482+/-1517.581 χ^2/NDF : 5.9/7

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3775.958+/-2.100 χ^2/NDF : 34064.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2061.173+/-1.248 χ^2/NDF : 576043.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

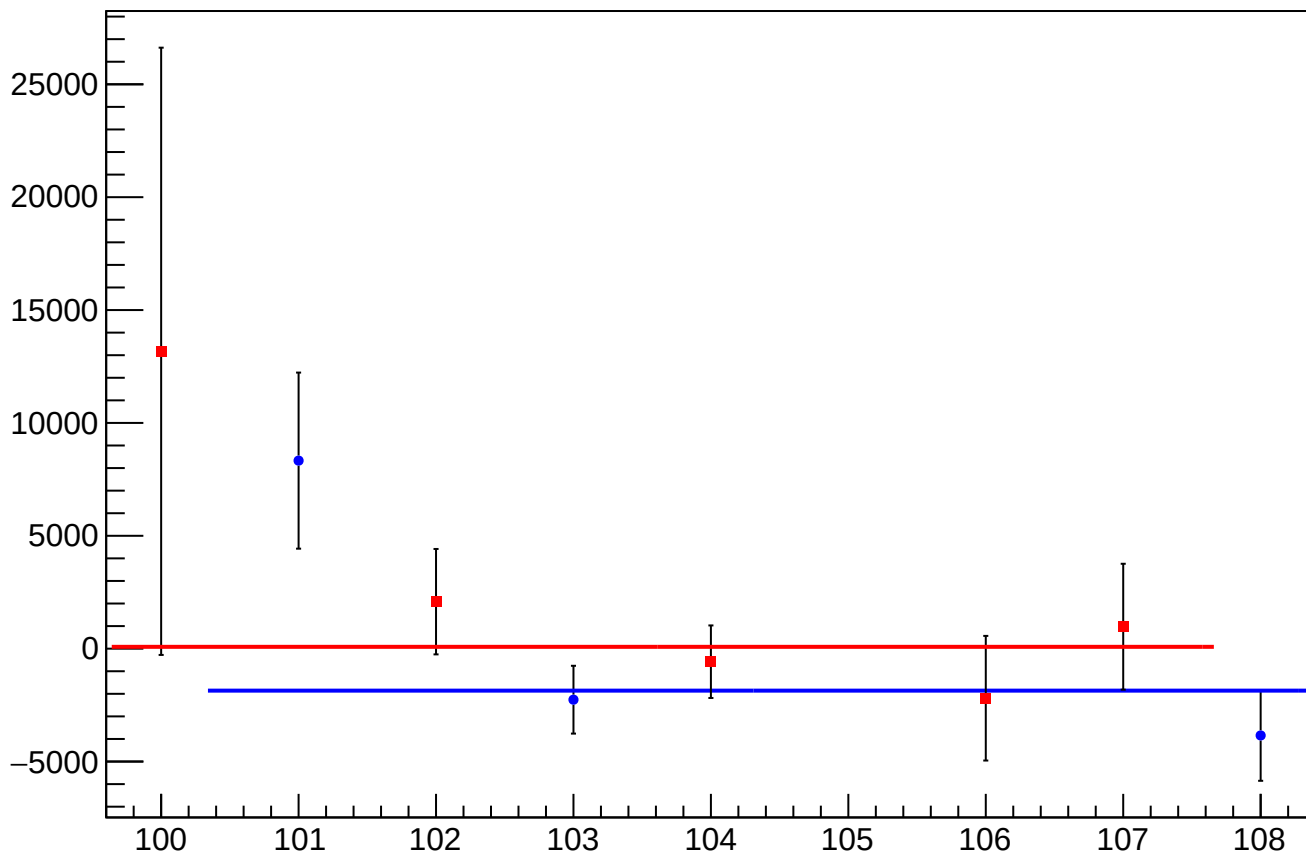
Right: 2509.061+/-1.073 χ^2/NDF : 1102870.0/7

In: 3775.958+/-2.100 χ^2/NDF : 34064.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2509.061+/-1.073 χ^2/NDF : 1102870.0/7

cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -1858.998 $\pm$ 1149.499 χ^2 /NDF: 7.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 81.361 $\pm$ 1093.565 χ^2 /NDF: 2.6/4

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

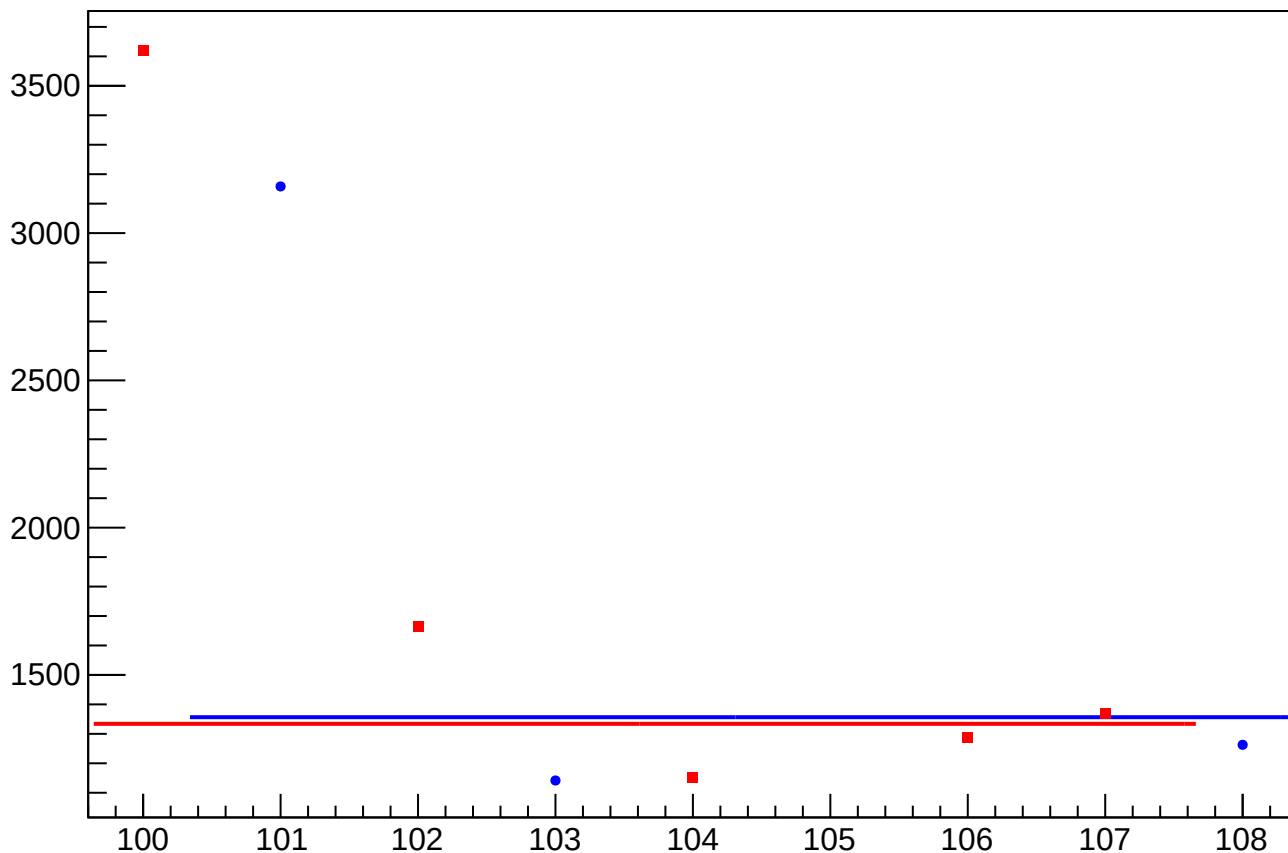
Right: -840.463 $\pm$ 792.304 χ^2 /NDF: 12.0/7

In: -1858.998 $\pm$ 1149.499 χ^2 /NDF: 7.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -840.463 $\pm$ 792.304 χ^2 /NDF: 12.0/7

cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1356.506+/-0.813 χ^2/NDF : 472193.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1333.965+/-0.766 χ^2/NDF : 125276.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

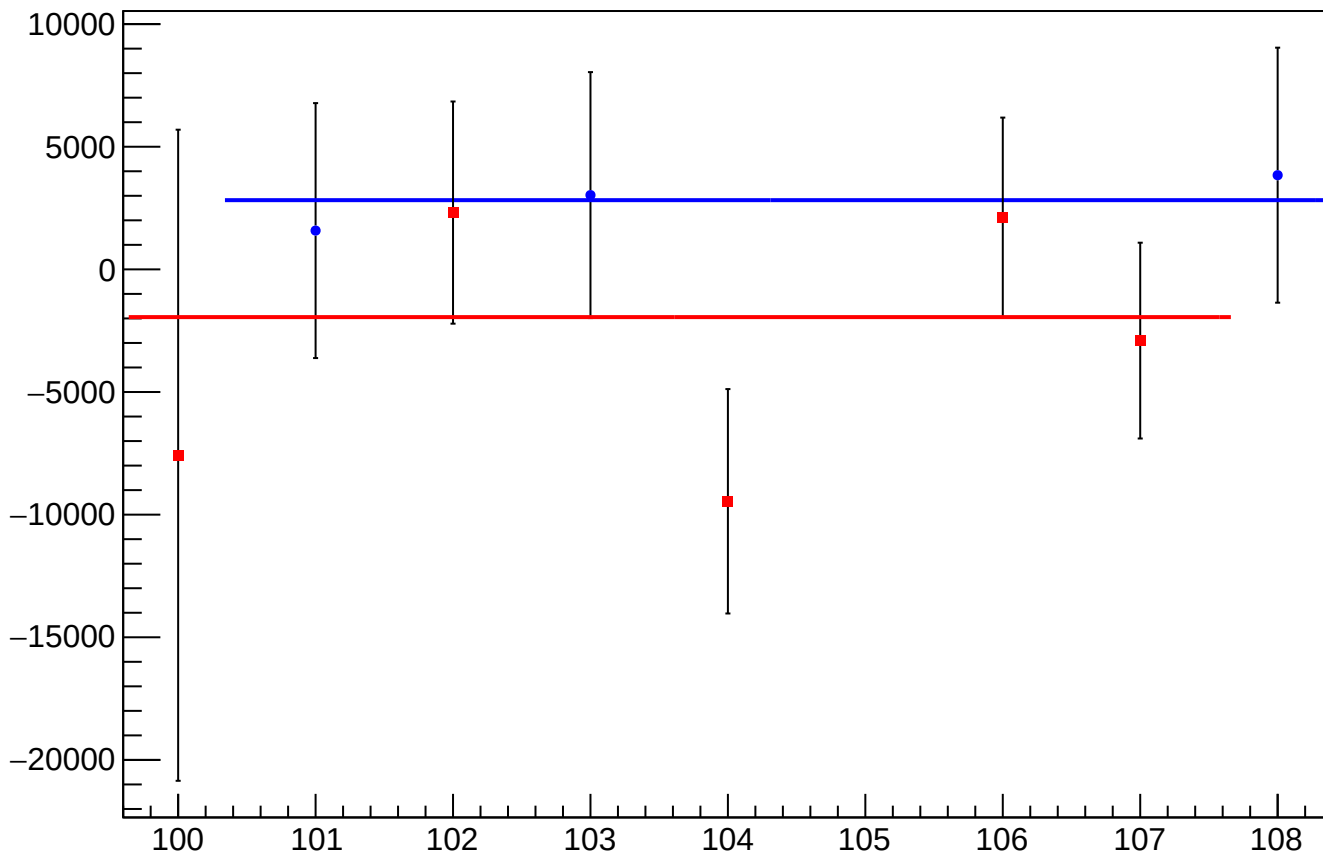
Right: 1344.570+/-0.558 χ^2/NDF : 597877.0/7

In: 1356.506+/-0.813 χ^2/NDF : 472193.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1344.570+/-0.558 χ^2/NDF : 597877.0/7

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 2821.754+/-2964.328 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1946.020+/-2108.252 χ^2/NDF : 4.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

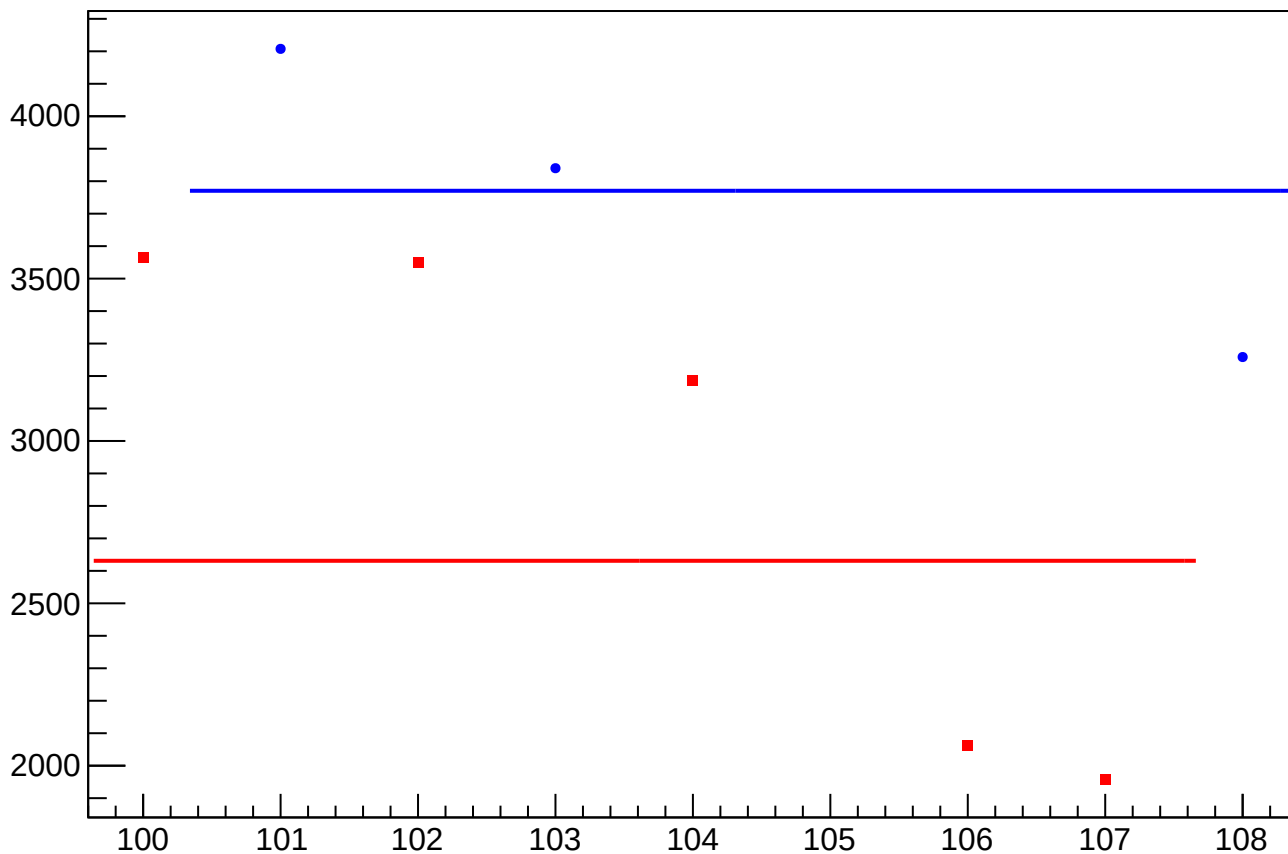
Right: -344.486+/-1718.053 χ^2/NDF : 6.6/7

In: 2821.754+/-2964.328 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -344.486+/-1718.053 χ^2/NDF : 6.6/7

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3770.488+/-2.096 χ^2/NDF : 33927.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2631.006+/-1.491 χ^2/NDF : 217676.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

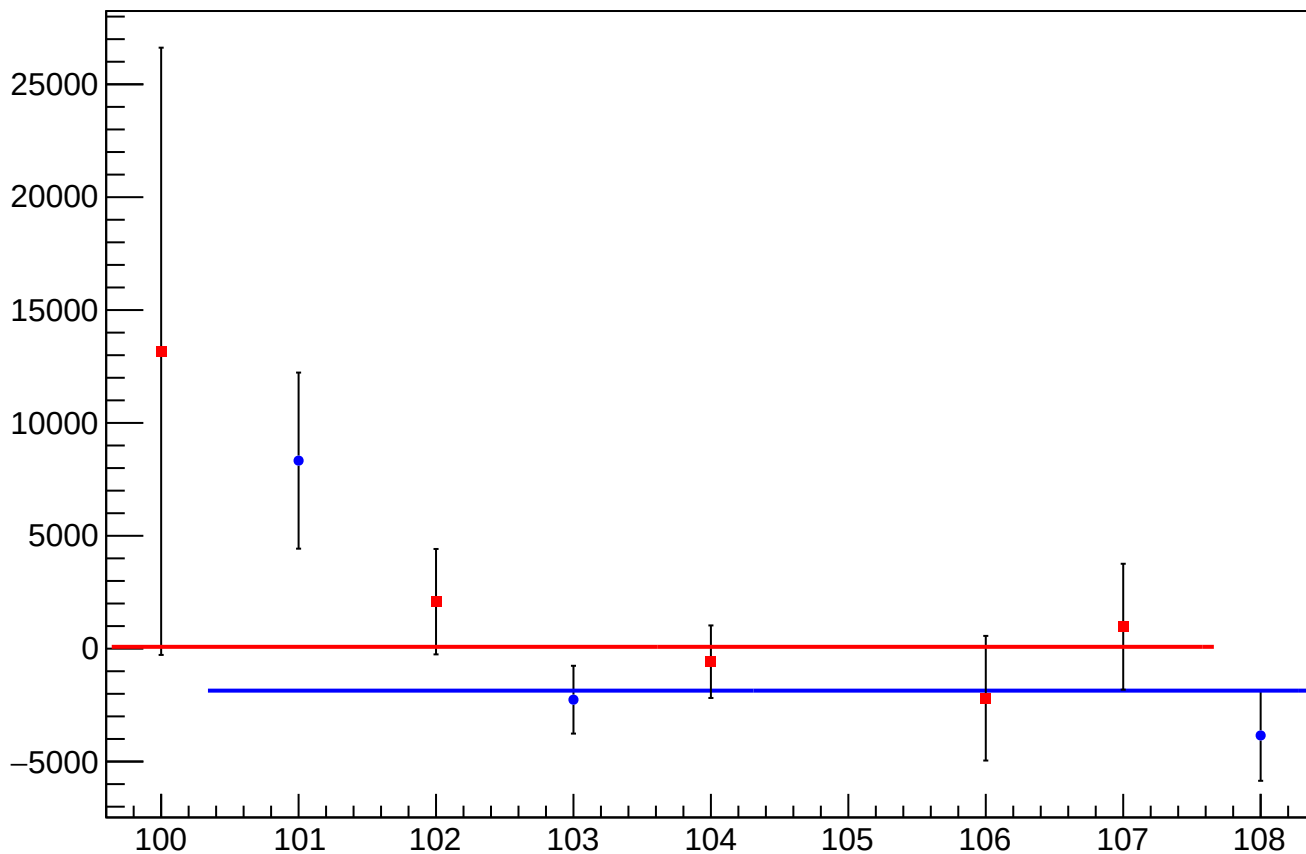
Right: 3013.767+/-1.215 χ^2/NDF : 447858.6/7

In: 3770.488+/-2.096 χ^2/NDF : 33927.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3013.767+/-1.215 χ^2/NDF : 447858.6/7

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -1858.998 $\pm$ 1149.499 χ^2 /NDF: 7.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 81.361 $\pm$ 1093.565 χ^2 /NDF: 2.6/4

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

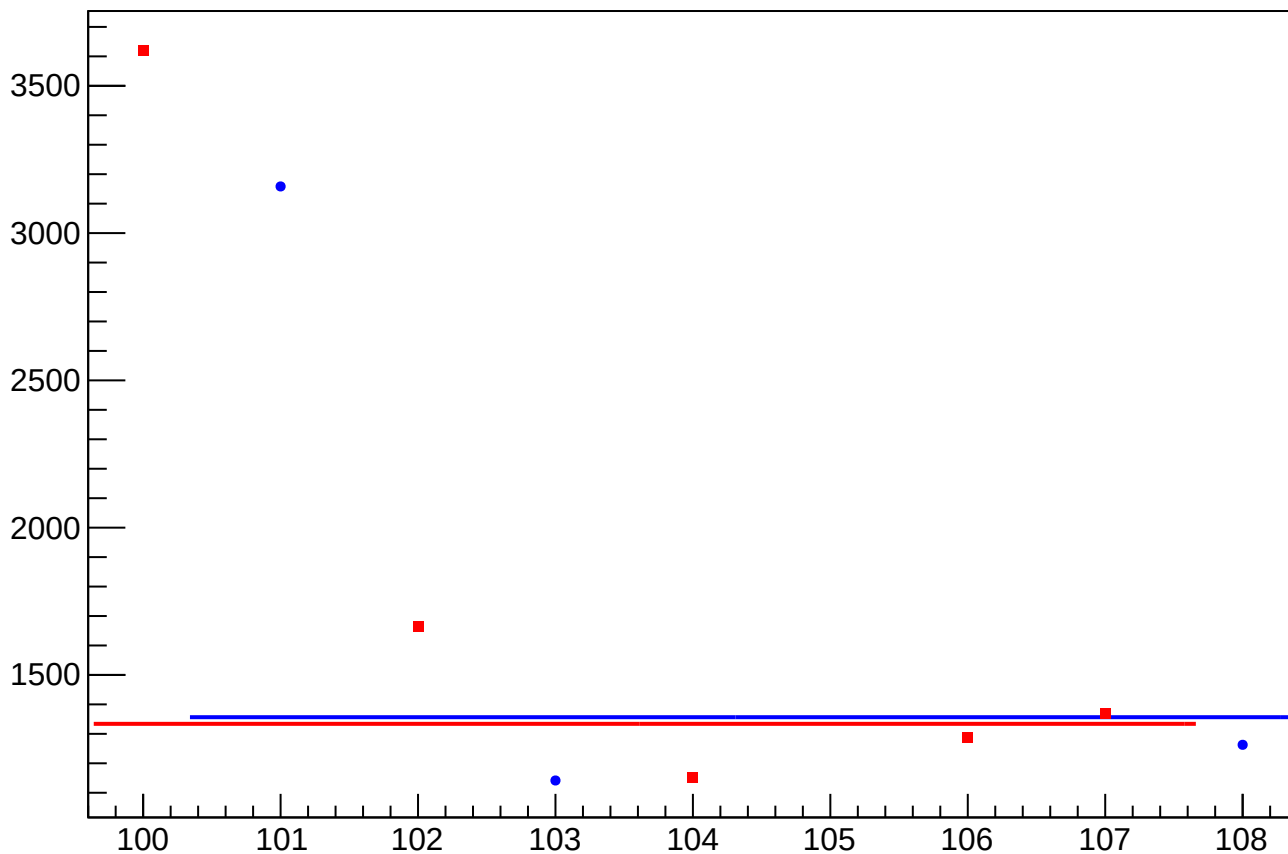
Right: -840.463 $\pm$ 792.304 χ^2 /NDF: 12.0/7

In: -1858.998 $\pm$ 1149.499 χ^2 /NDF: 7.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -840.463 $\pm$ 792.304 χ^2 /NDF: 12.0/7

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1356.506+/-0.813 χ^2/NDF : 472193.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1333.965+/-0.766 χ^2/NDF : 125276.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

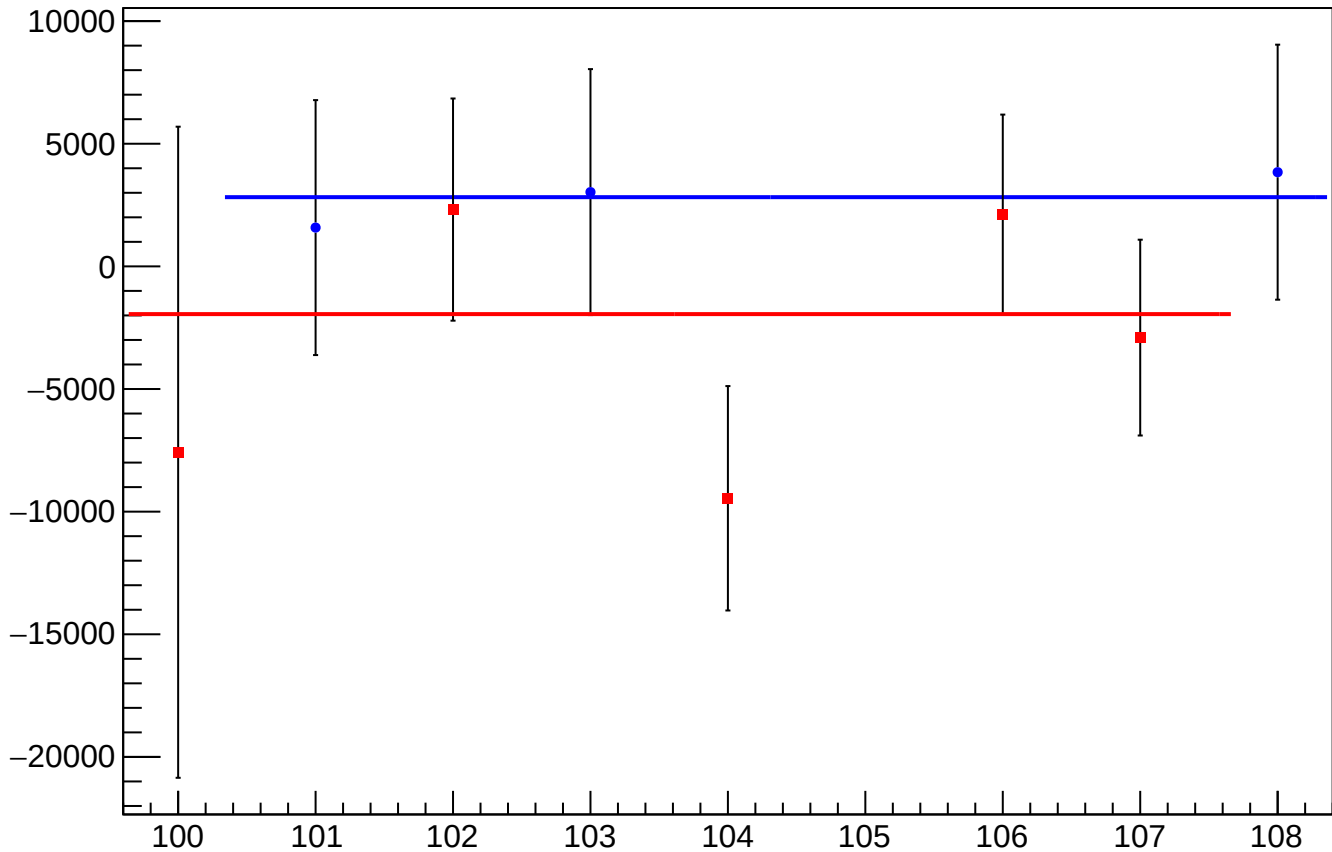
Right: 1344.570+/-0.558 χ^2/NDF : 597877.0/7

In: 1356.506+/-0.813 χ^2/NDF : 472193.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1344.570+/-0.558 χ^2/NDF : 597877.0/7

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2821.754+/-2964.328 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1946.020+/-2108.252 χ^2/NDF : 4.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

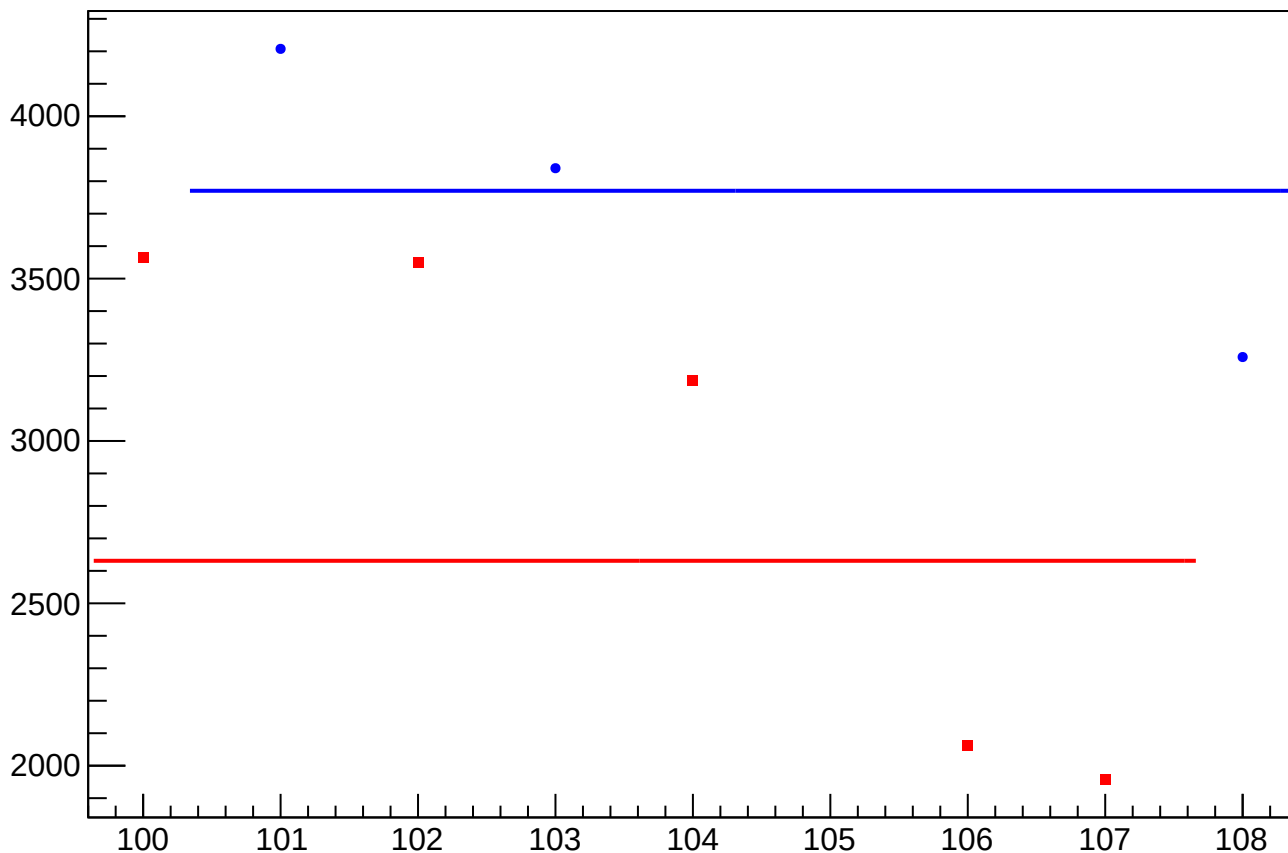
Right: -344.486+/-1718.053 χ^2/NDF : 6.6/7

In: 2821.754+/-2964.328 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -344.486+/-1718.053 χ^2/NDF : 6.6/7

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3770.488+/-2.096 χ^2/NDF : 33927.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2631.006+/-1.491 χ^2/NDF : 217676.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

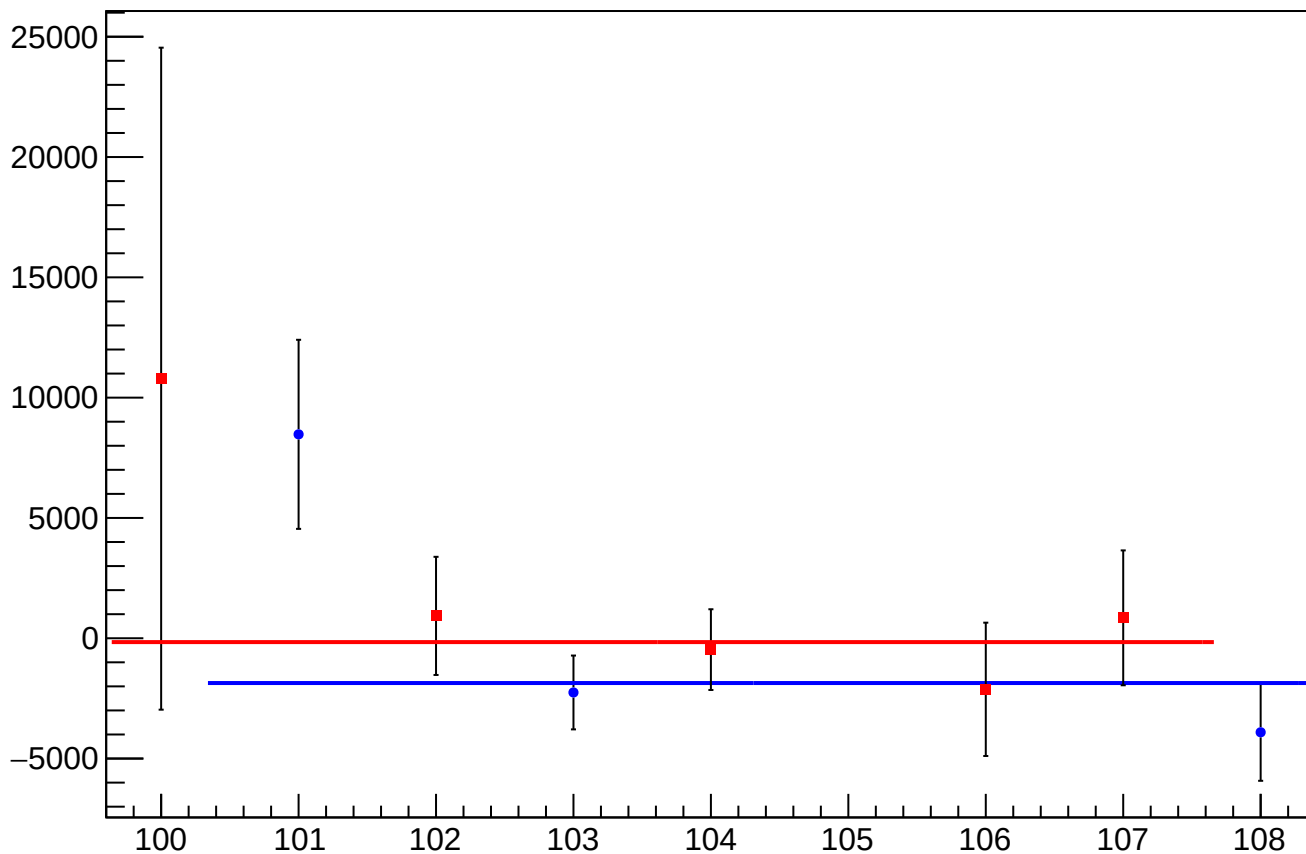
Right: 3013.767+/-1.215 χ^2/NDF : 447858.6/7

In: 3770.488+/-2.096 χ^2/NDF : 33927.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3013.767+/-1.215 χ^2/NDF : 447858.6/7

dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -1861.202 $\pm$ 1166.136 χ^2 /NDF: 8.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -159.727 $\pm$ 1129.286 χ^2 /NDF: 1.5/4

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

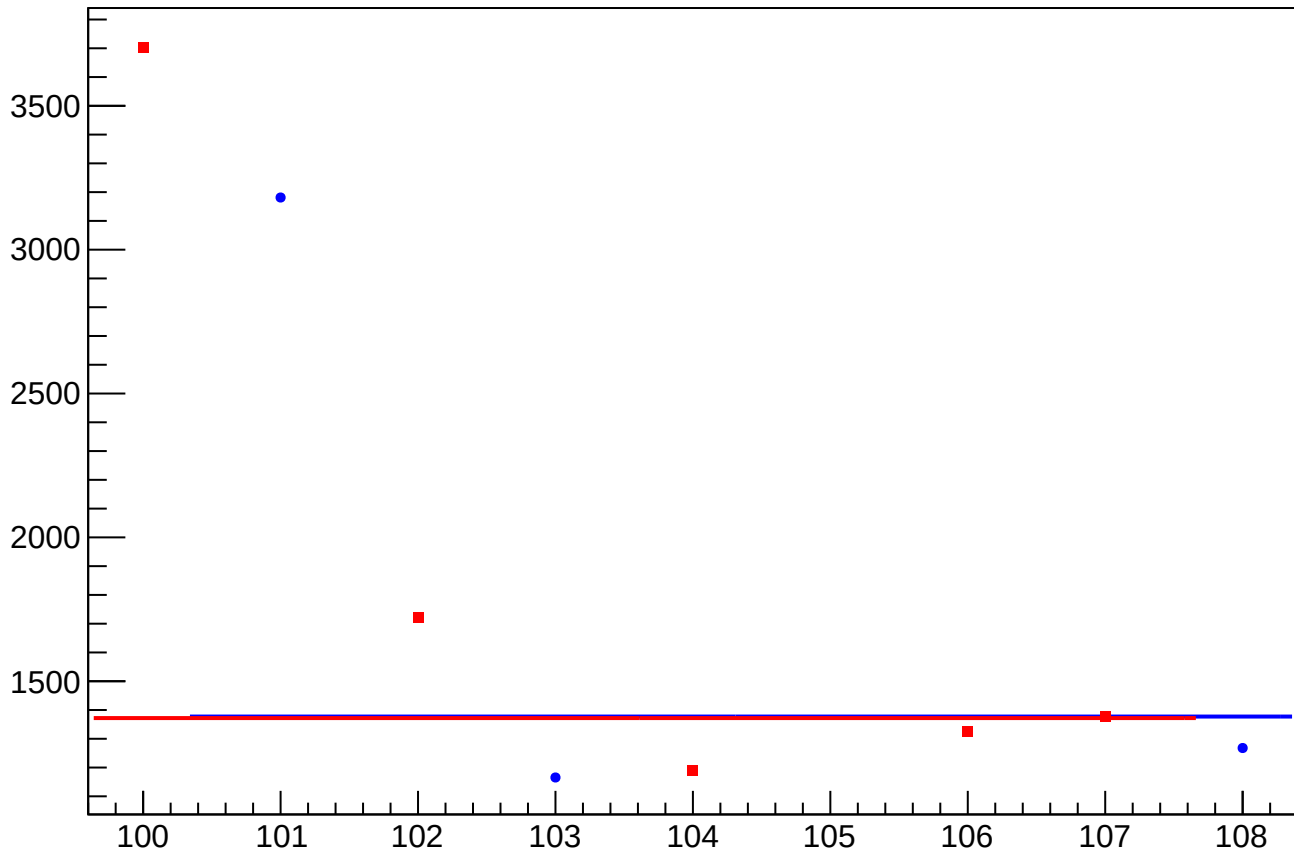
Right: -983.157 $\pm$ 811.241 χ^2 /NDF: 10.6/7

In: -1861.202 $\pm$ 1166.136 χ^2 /NDF: 8.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -983.157 $\pm$ 811.241 χ^2 /NDF: 10.6/7

dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1377.236+/-0.825 χ^2/NDF : 465616.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1371.929+/-0.795 χ^2/NDF : 121986.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

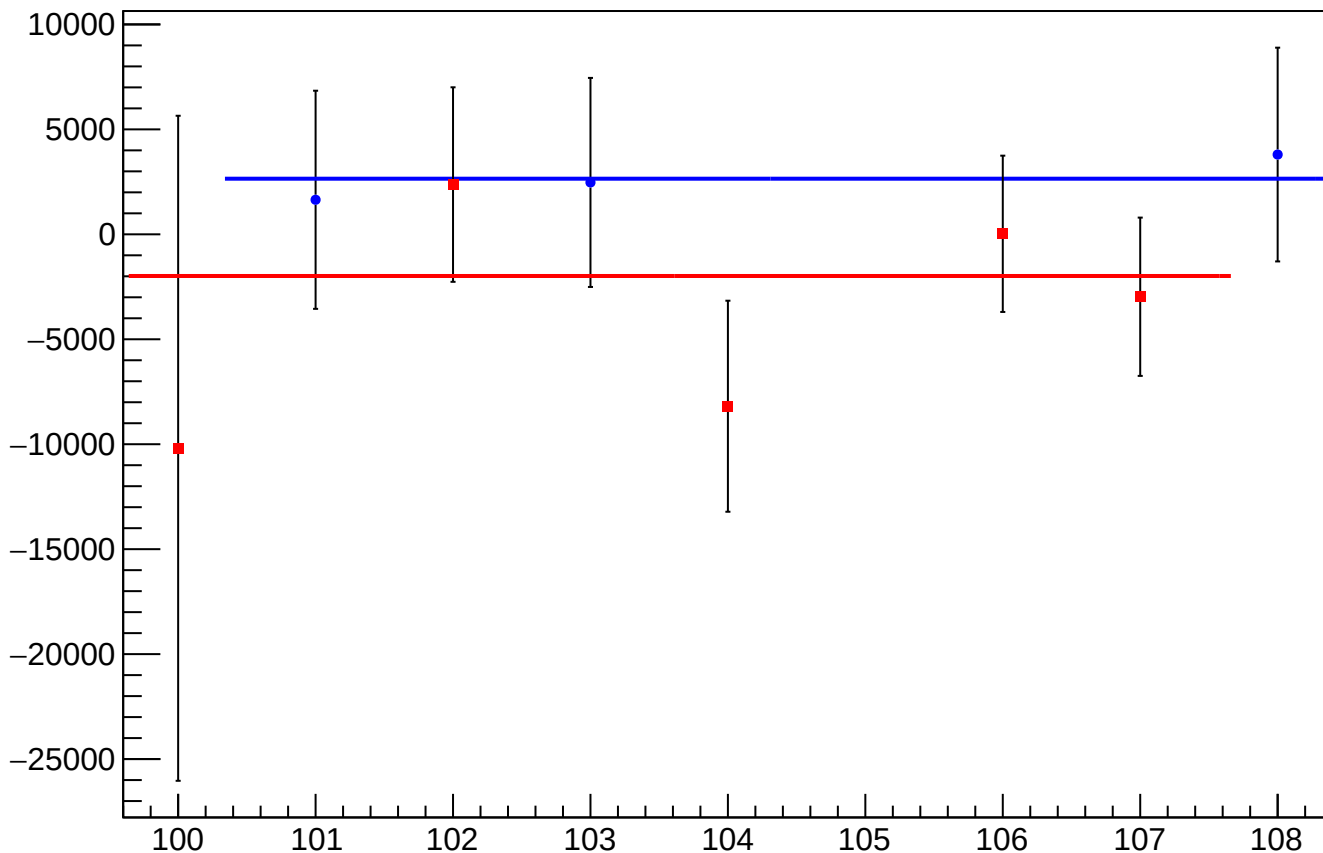
Right: 1374.487+/-0.572 χ^2/NDF : 587624.5/7

In: 1377.236+/-0.825 χ^2/NDF : 465616.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1374.487+/-0.572 χ^2/NDF : 587624.5/7

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 2649.880 $\pm$ 2937.017 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1985.129 $\pm$ 2073.476 χ^2 /NDF: 3.0/4

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

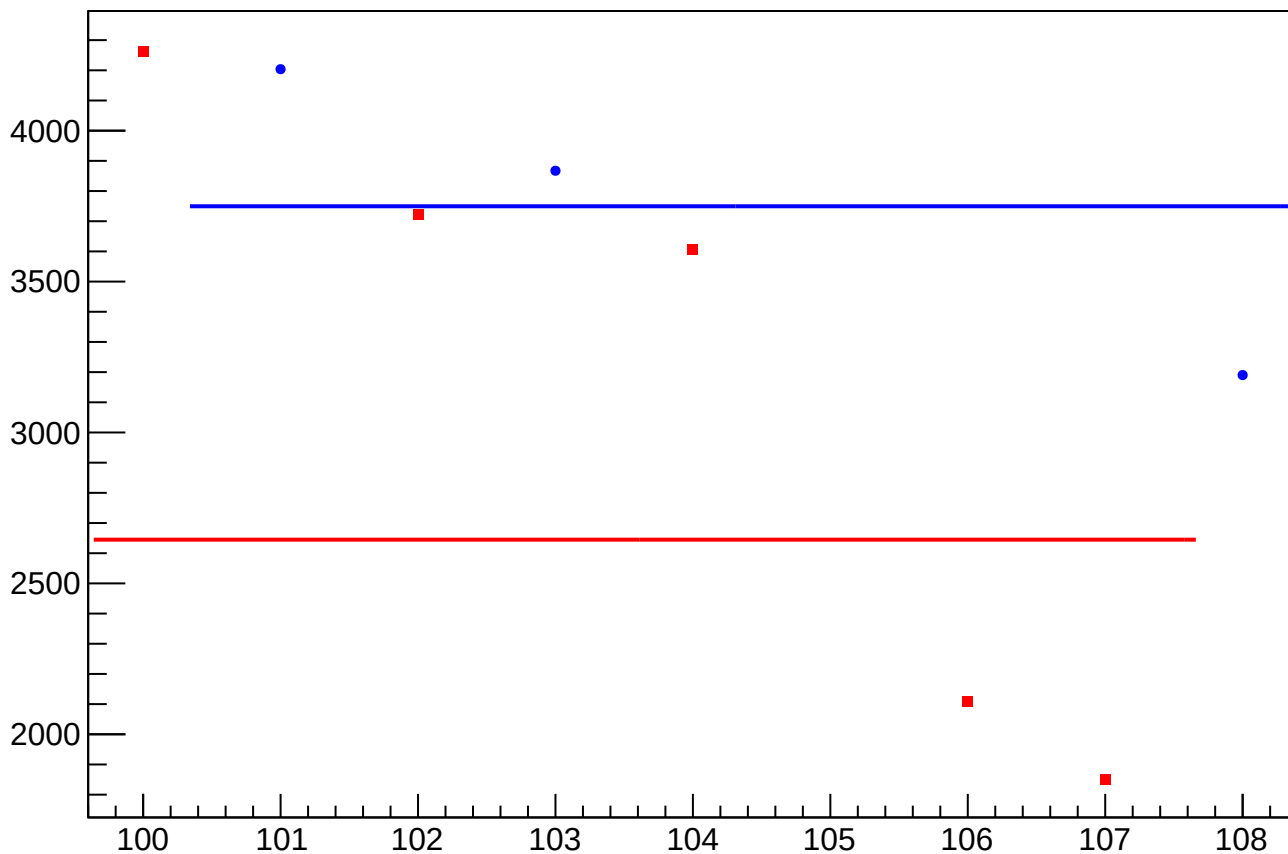
Right: -443.409 $\pm$ 1693.885 χ^2 /NDF: 4.8/7

In: 2649.880 $\pm$ 2937.017 χ^2 /NDF:0.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -443.409 $\pm$ 1693.885 χ^2 /NDF: 4.8/7

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3749.540+/-2.077 χ^2/NDF : 40530.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2644.883+/-1.466 χ^2/NDF : 333211.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

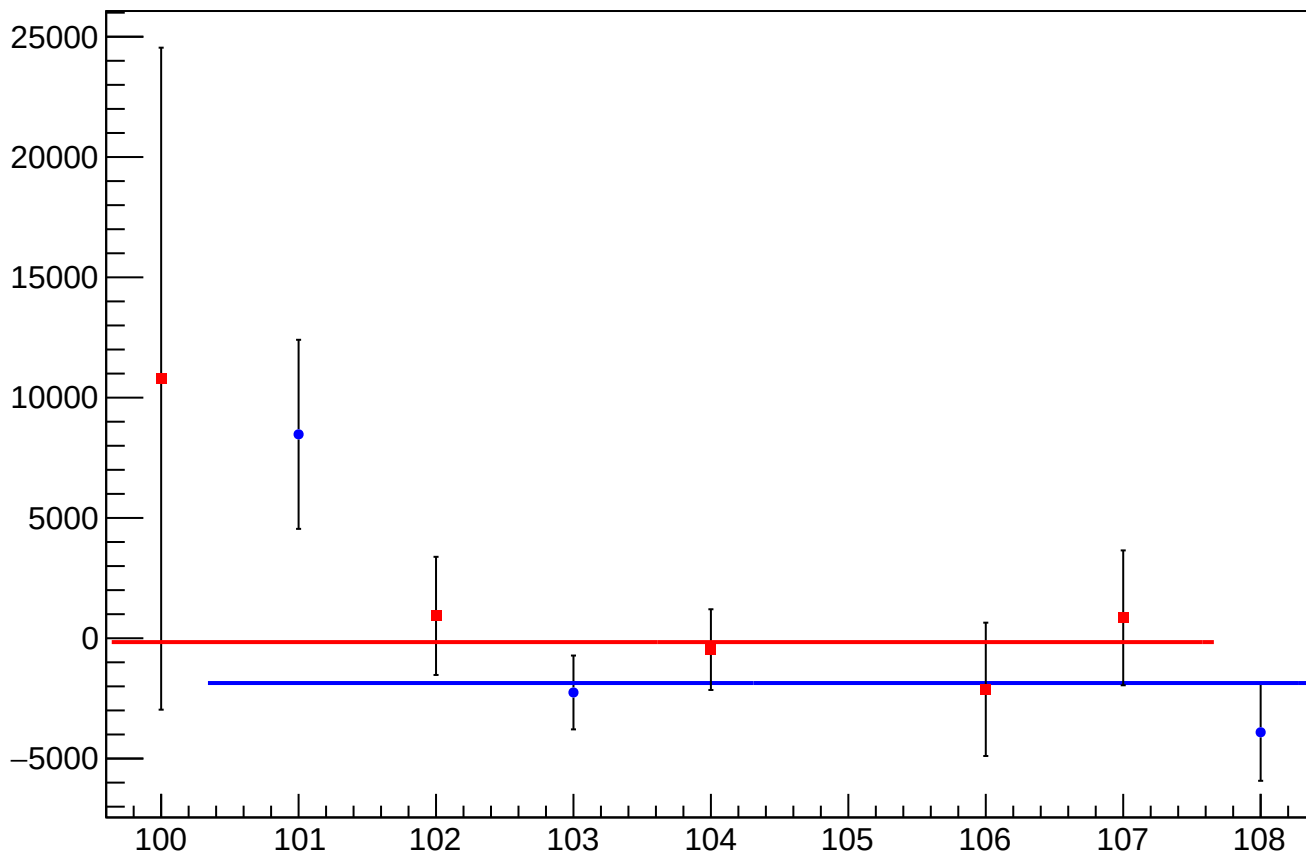
Right: 3012.320+/-1.198 χ^2/NDF : 562559.4/7

In: 3749.540+/-2.077 χ^2/NDF : 40530.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3012.320+/-1.198 χ^2/NDF : 562559.4/7

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -1861.205+/-1166.136 χ^2 /NDF: 8.0/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -159.735+/-1129.286 χ^2 /NDF: 1.5/4

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

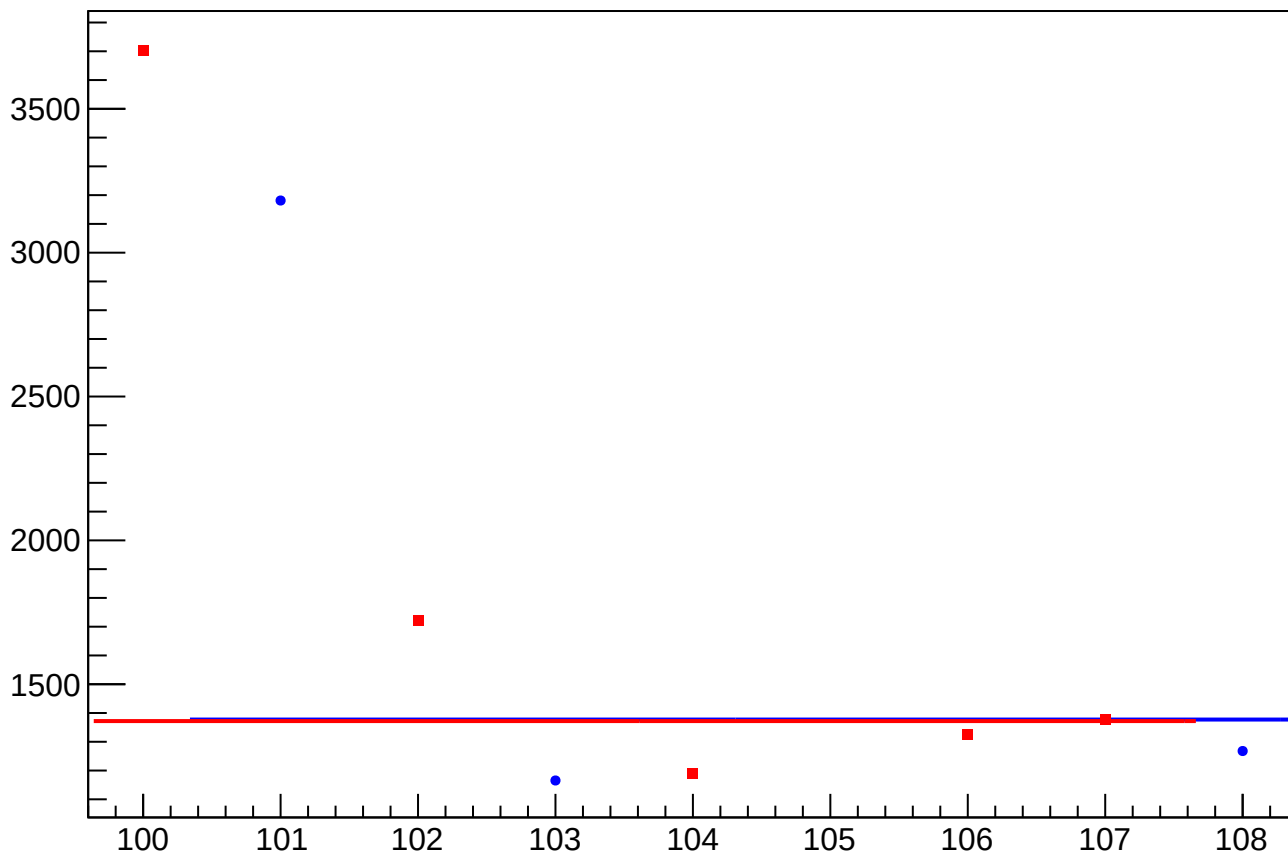
Right: -983.162+/-811.241 χ^2 /NDF: 10.6/7

In: -1861.205+/-1166.136 χ^2 /NDF: 8.0/2

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -983.162+/-811.241 χ^2 /NDF: 10.6/7

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1377.236+/-0.825 χ^2/NDF : 465616.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1371.928+/-0.795 χ^2/NDF : 121986.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

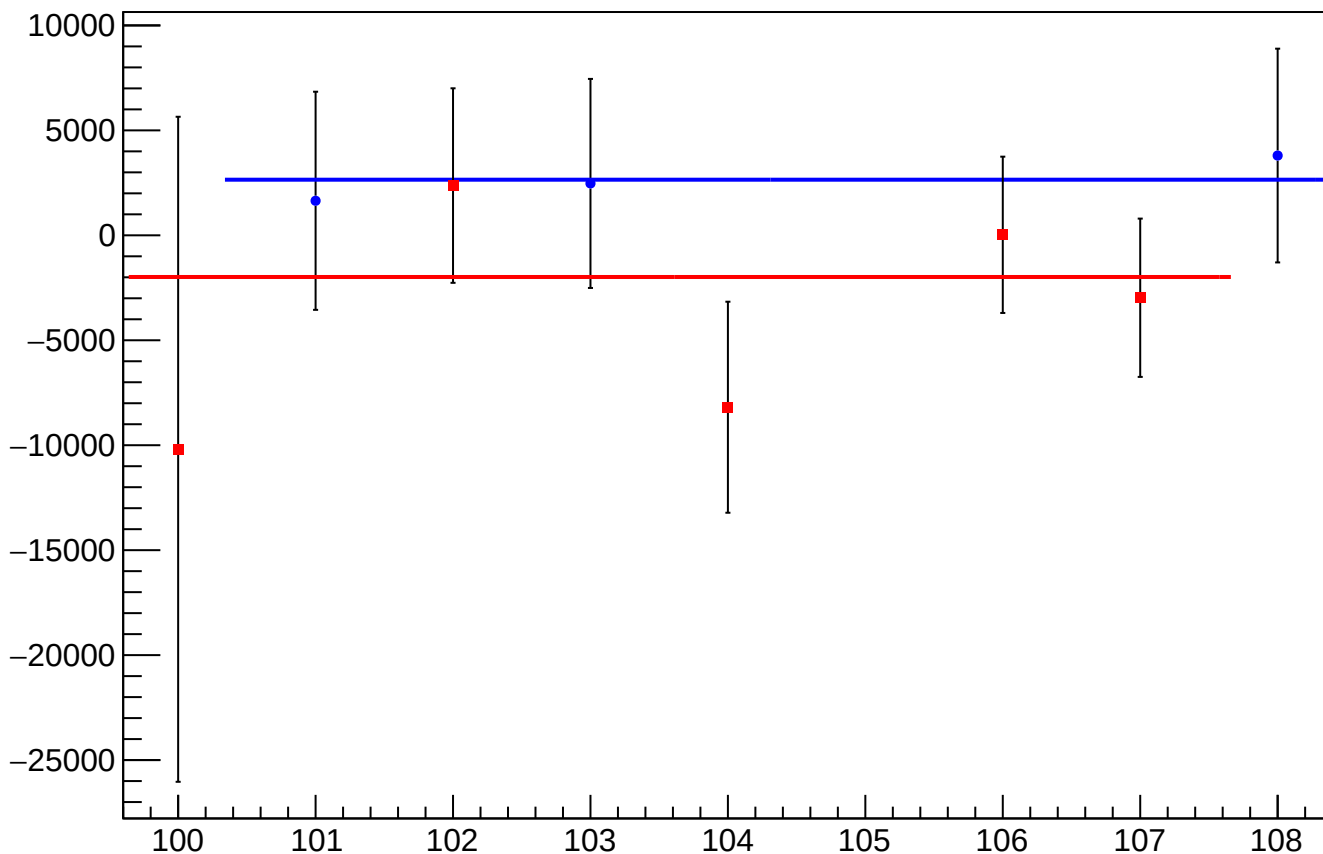
Right: 1374.487+/-0.572 χ^2/NDF : 587624.6/7

In: 1377.236+/-0.825 χ^2/NDF : 465616.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1374.487+/-0.572 χ^2/NDF : 587624.6/7

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 2649.883+/-2937.015 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1985.135+/-2073.473 χ^2/NDF : 3.0/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

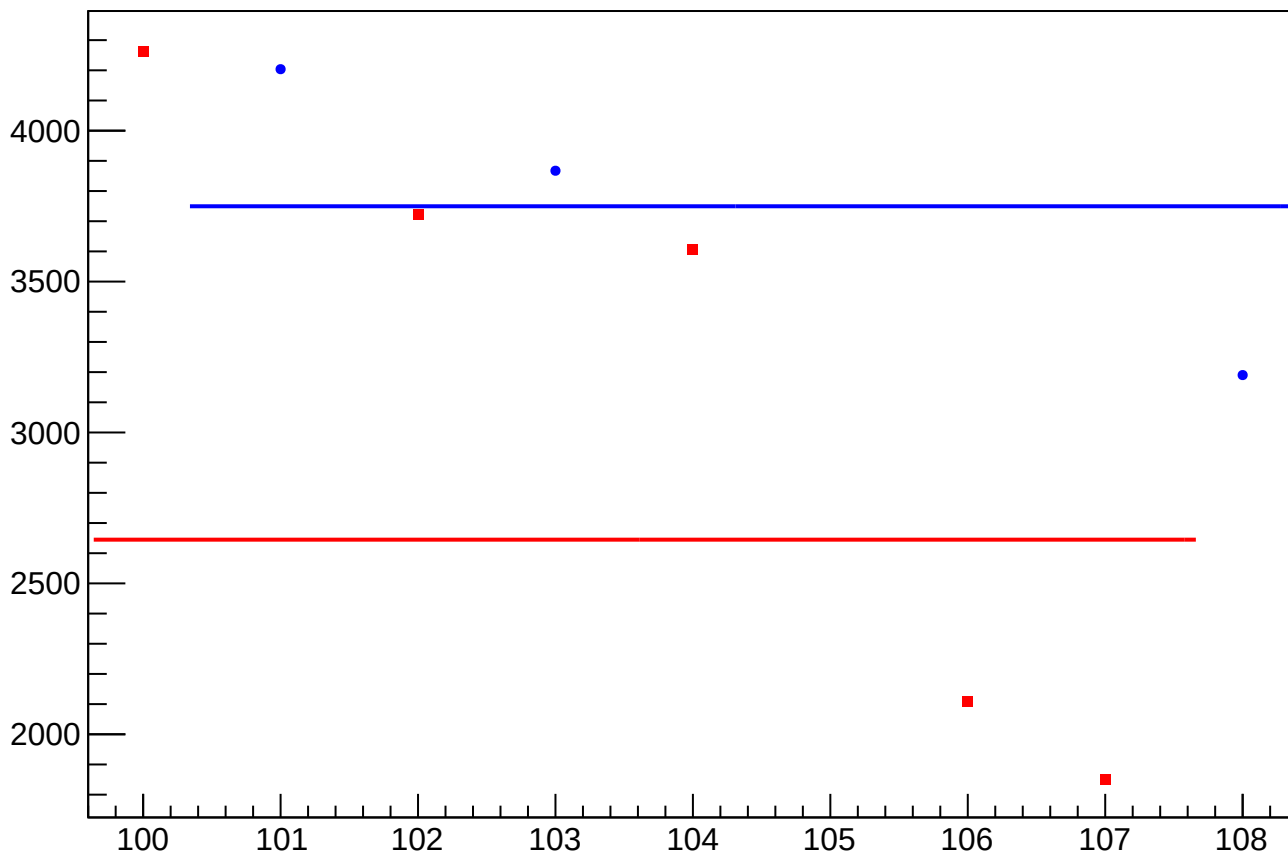
Right: -443.414+/-1693.883 χ^2/NDF : 4.8/7

In: 2649.883+/-2937.015 χ^2/NDF :0.1/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -443.414+/-1693.883 χ^2/NDF : 4.8/7

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3749.538+/-2.077 χ^2/NDF : 40531.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2644.879+/-1.466 χ^2/NDF : 333214.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

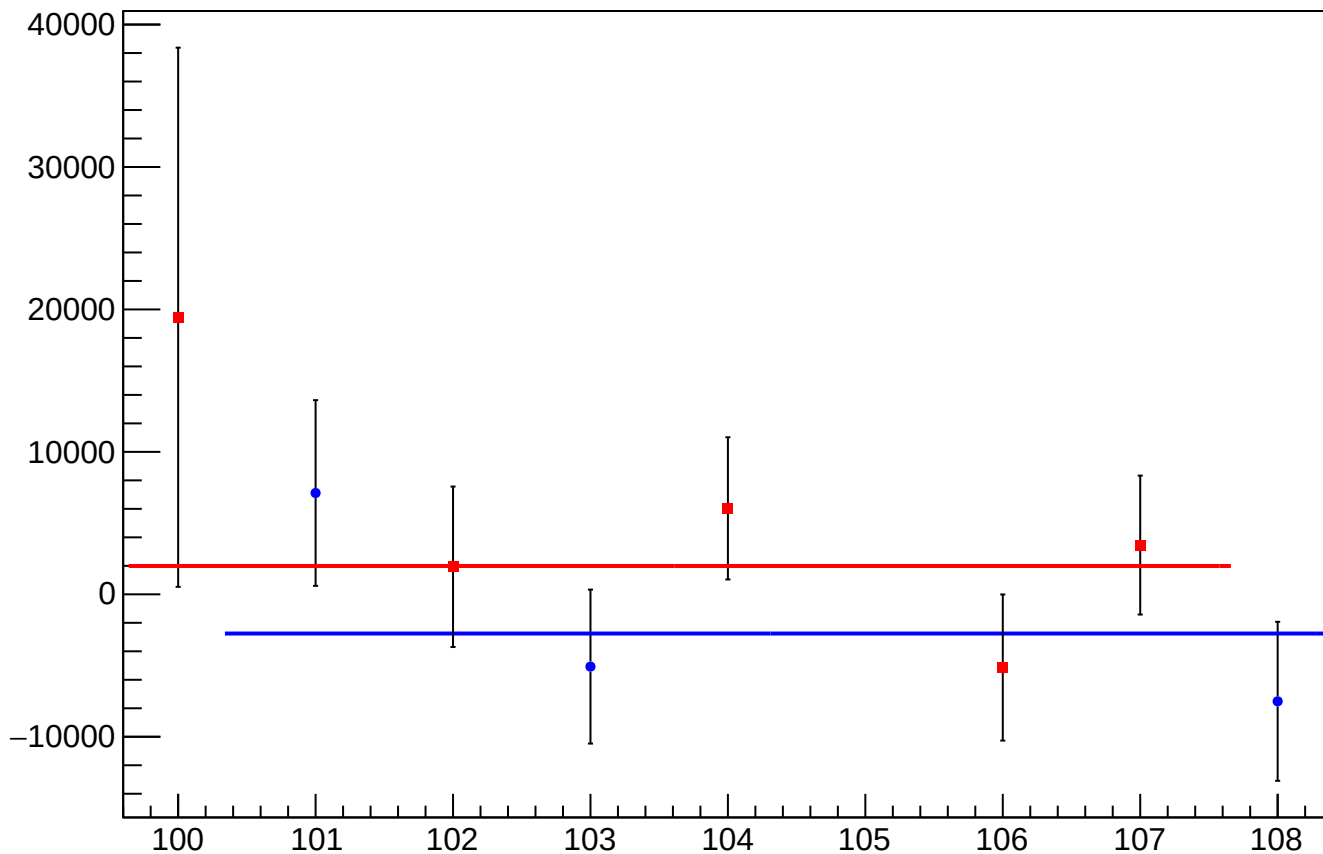
Right: 3012.316+/-1.198 χ^2/NDF : 562564.0/7

In: 3749.538+/-2.077 χ^2/NDF : 40531.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3012.316+/-1.198 χ^2/NDF : 562564.0/7

asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -2752.341+/-3335.640 χ^2/NDF : 3.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1990.033+/-2544.165 χ^2/NDF : 3.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

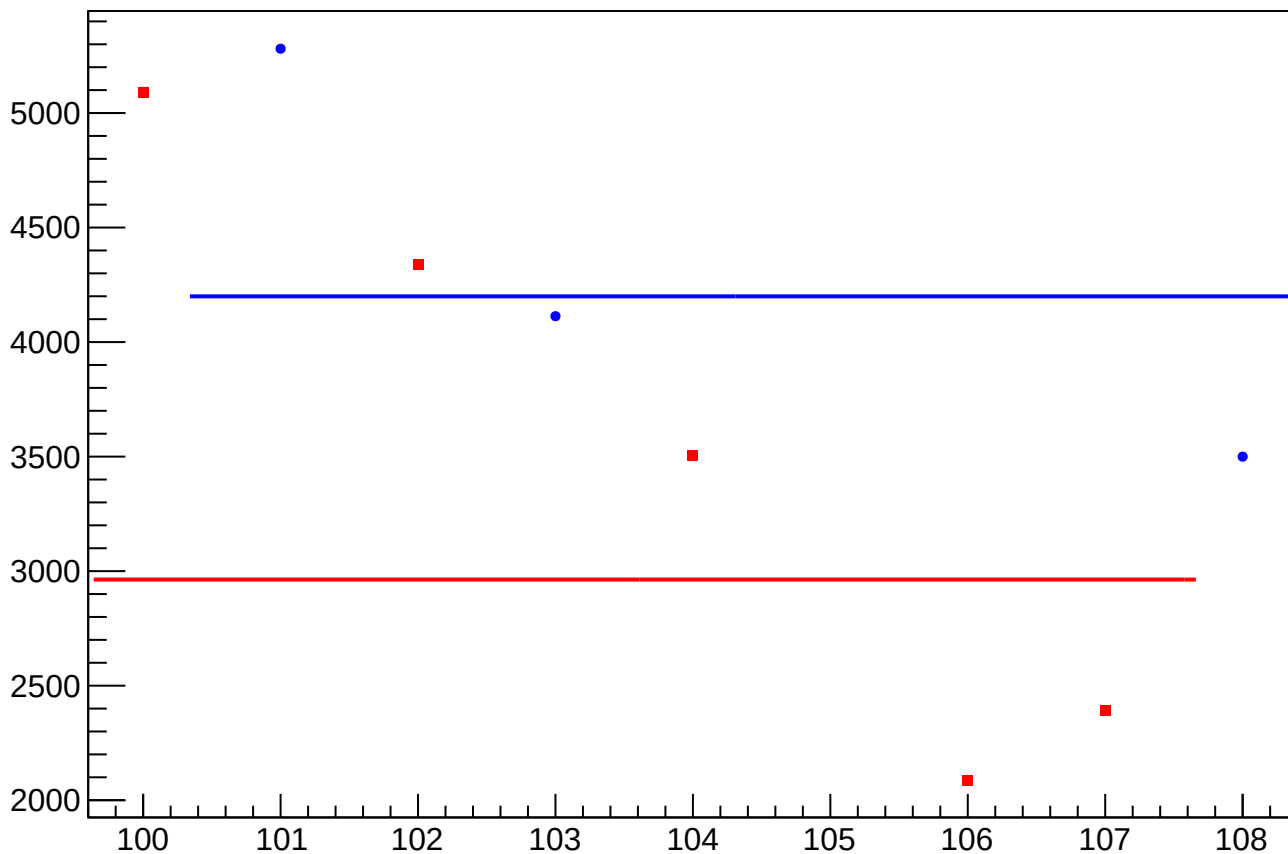
Right: 245.851+/-2022.913 χ^2/NDF : 8.0/7

In: -2752.341+/-3335.640 χ^2/NDF : 3.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 245.851+/-2022.913 χ^2/NDF : 8.0/7

asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 4199.698+/-2.359 χ^2/NDF : 86987.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2963.191+/-1.715 χ^2/NDF : 277140.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

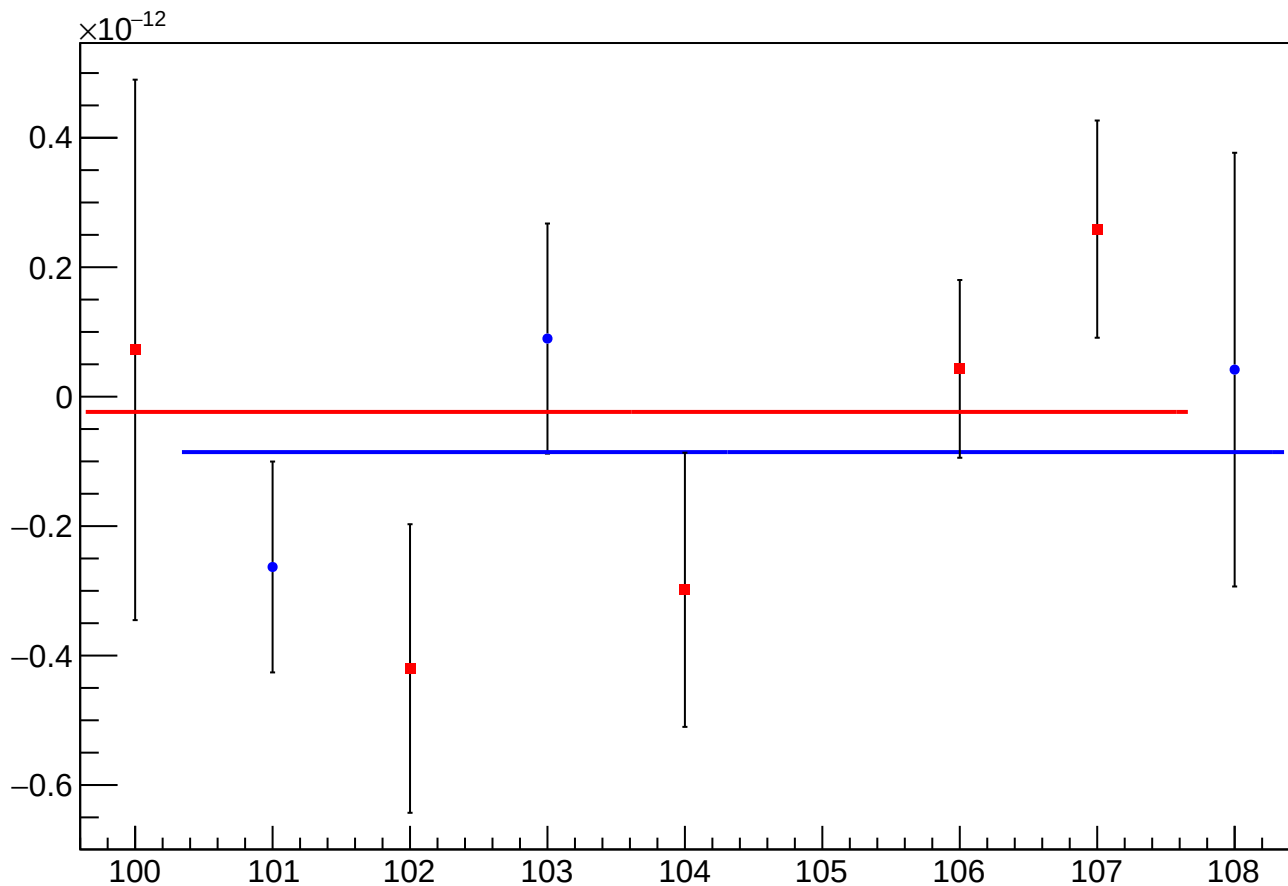
Right: 3390.711+/-1.387 χ^2/NDF : 543953.0/7

In: 4199.698+/-2.359 χ^2/NDF : 86987.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3390.711+/-1.387 χ^2/NDF : 543953.0/7

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

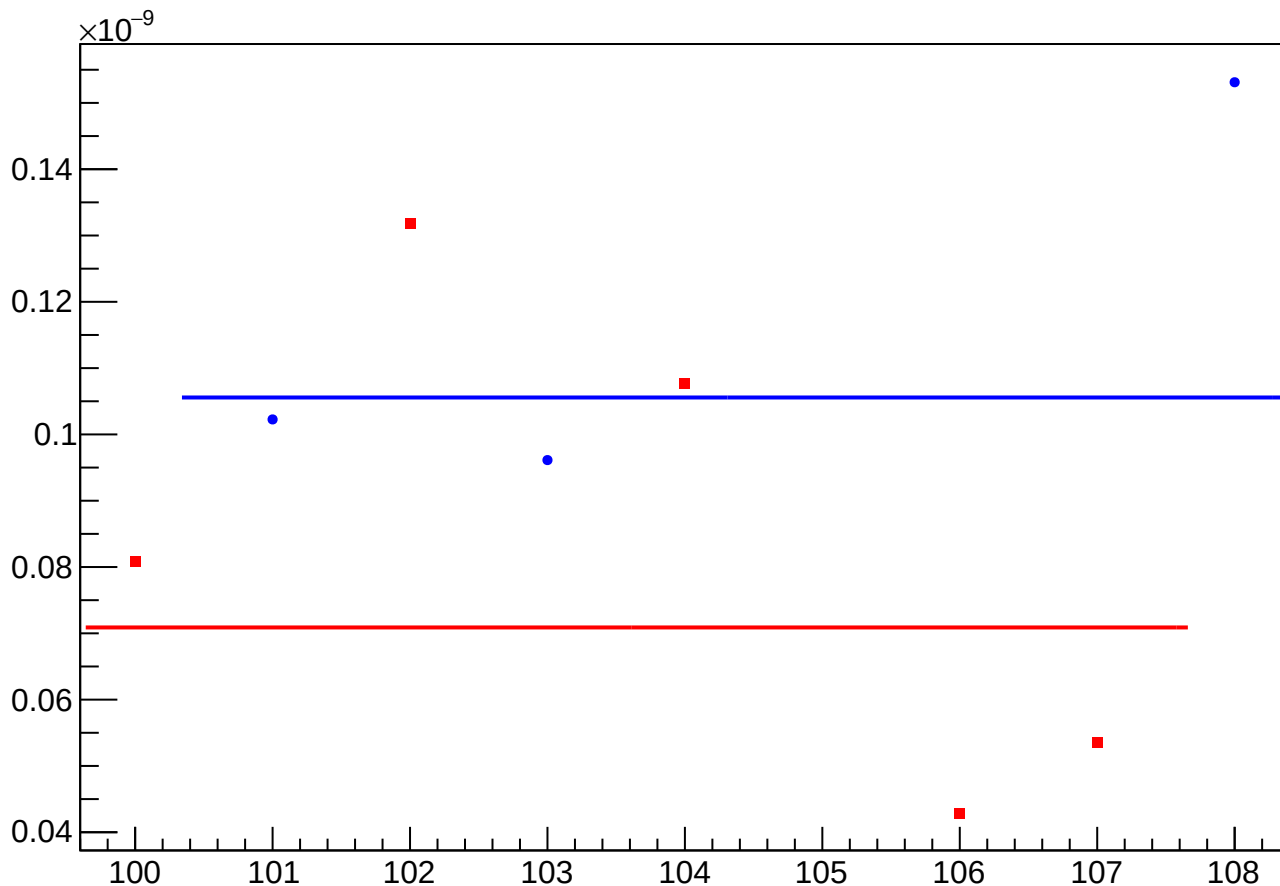
Right: -0.000+/-0.000 χ^2/NDF : 10.5/7

In: -0.000+/-0.000 χ^2/NDF : 2.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.5/7

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 46744.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 315566.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

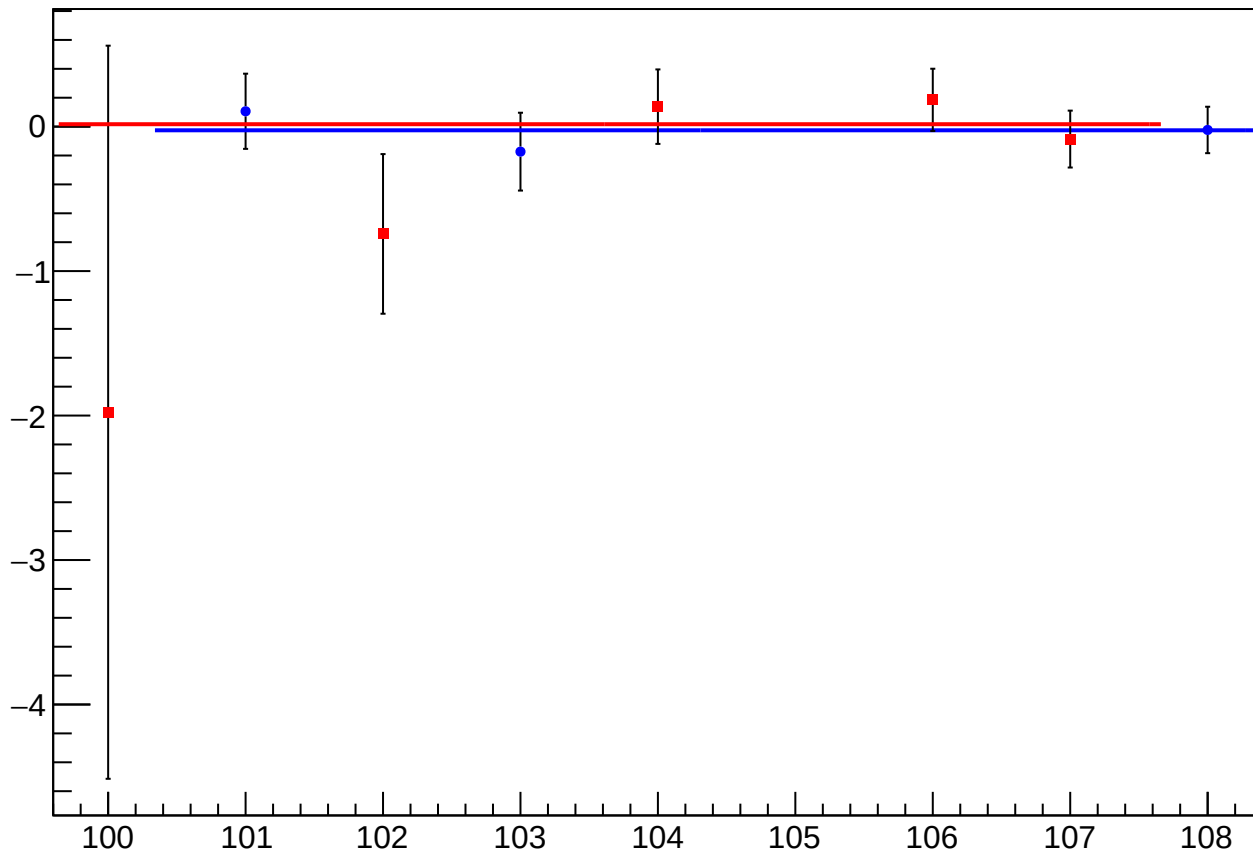
Right: 0.000+/-0.000 χ^2/NDF : 482036.9/7

In: 0.000+/-0.000 χ^2/NDF : 46744.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 482036.9/7

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025 ± 0.122 χ^2/NDF : 0.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.017 ± 0.123 χ^2/NDF : 3.6/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

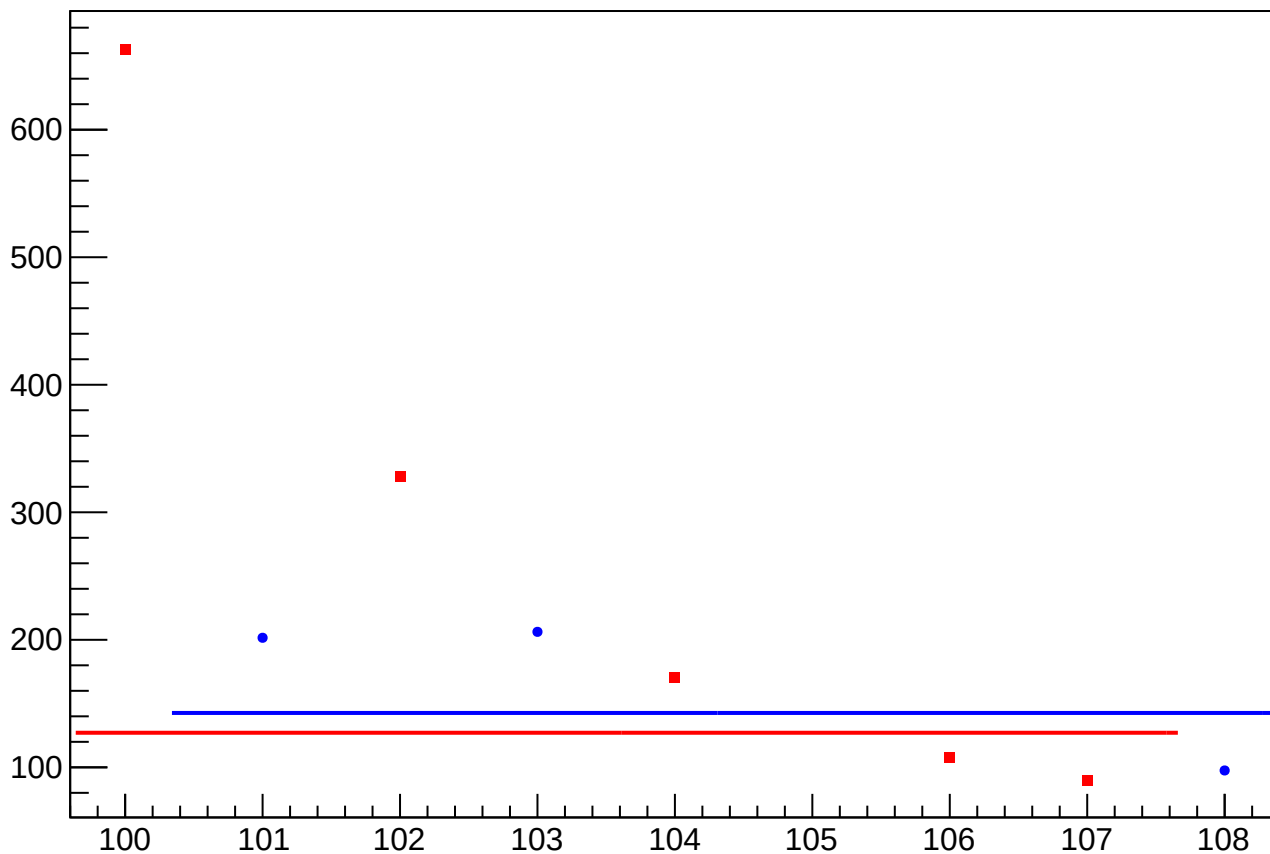
Right: -0.005 ± 0.087 χ^2/NDF : 4.2/7

In: -0.025 ± 0.122 χ^2/NDF : 0.6/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.005 ± 0.087 χ^2/NDF : 4.2/7

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.654+/-0.086 χ^2/NDF : 371642.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.125+/-0.087 χ^2/NDF : 499038.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

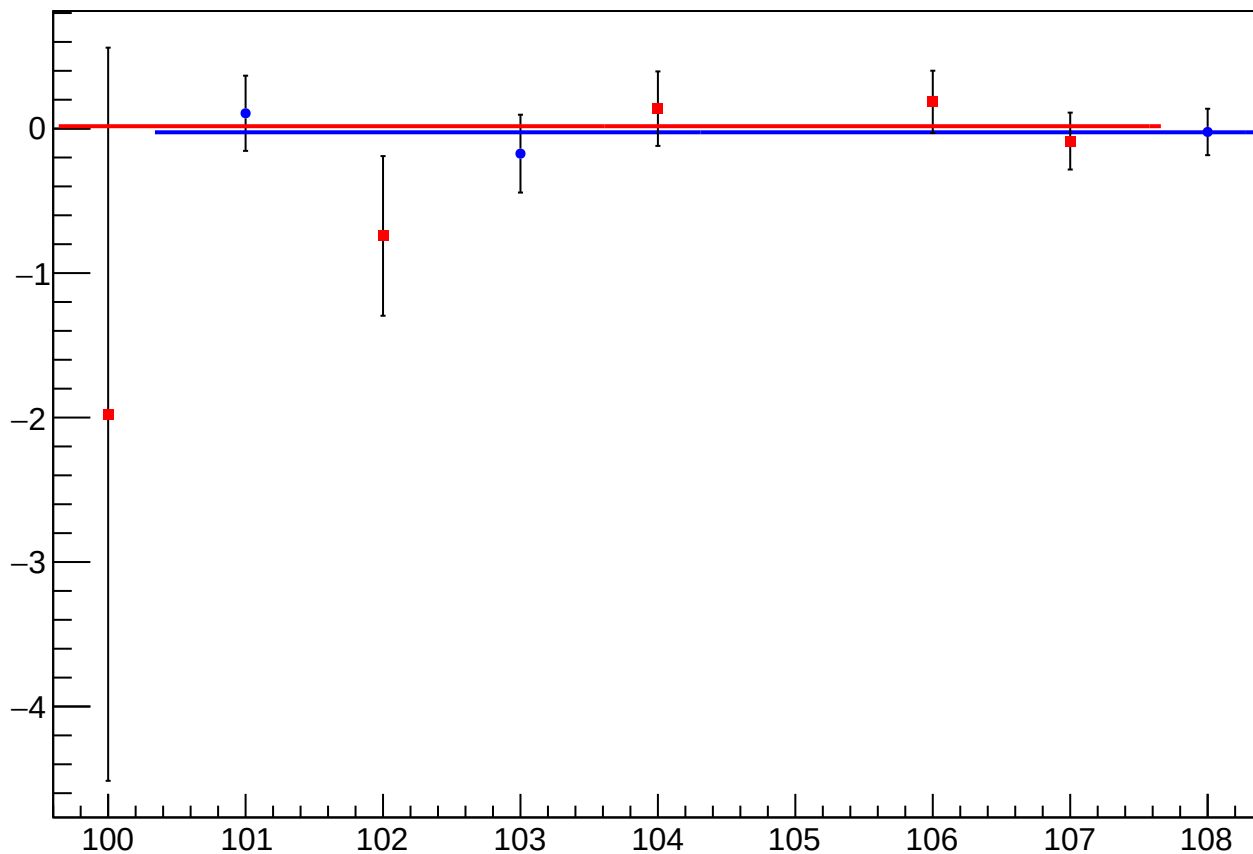
Right: 134.976+/-0.061 χ^2/NDF : 886720.7/7

In: 142.654+/-0.086 χ^2/NDF : 371642.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.976+/-0.061 χ^2/NDF : 886720.7/7

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025 ± 0.122 χ^2/NDF : 0.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.017 ± 0.123 χ^2/NDF : 3.6/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

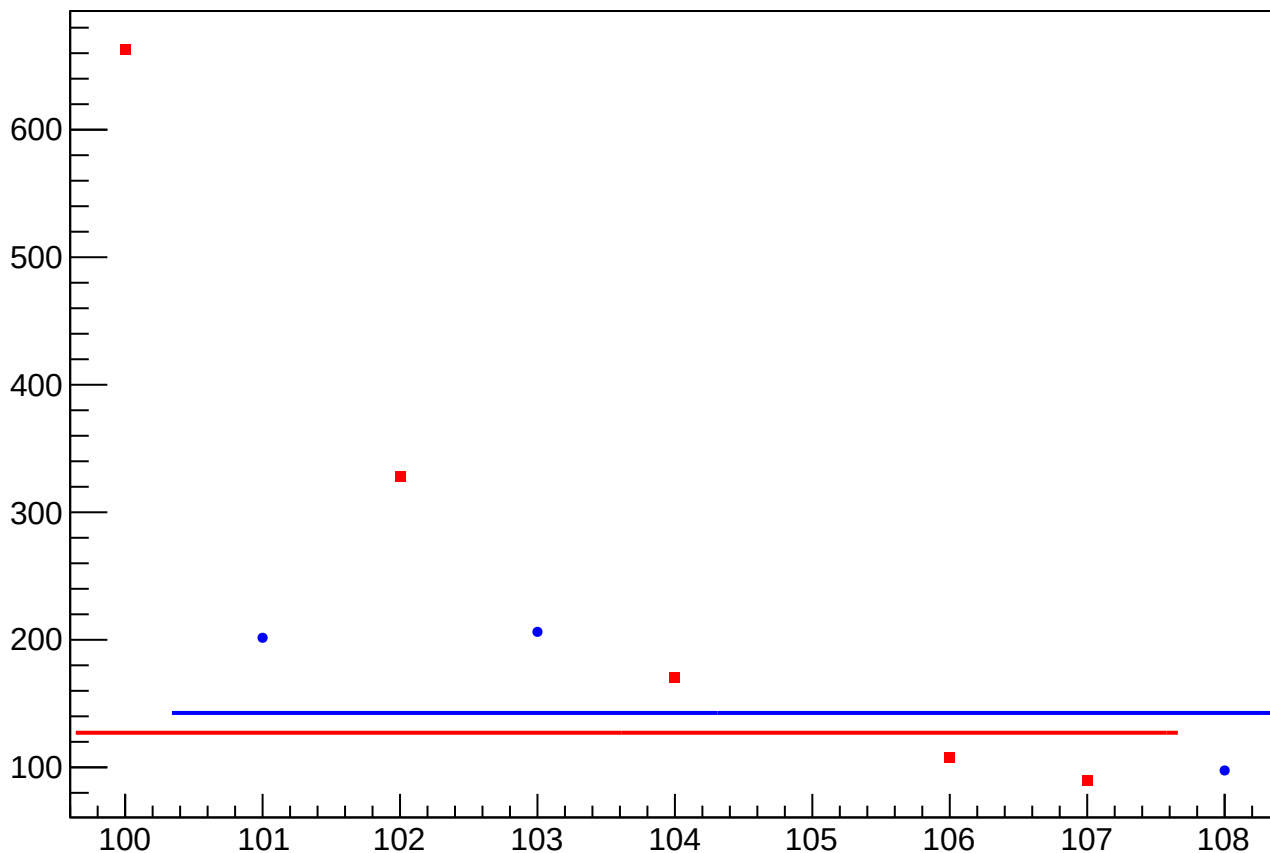
Right: -0.005 ± 0.087 χ^2/NDF : 4.2/7

In: -0.025 ± 0.122 χ^2/NDF : 0.6/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.005 ± 0.087 χ^2/NDF : 4.2/7

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.654+/-0.086 χ^2/NDF : 371642.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.125+/-0.087 χ^2/NDF : 499038.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

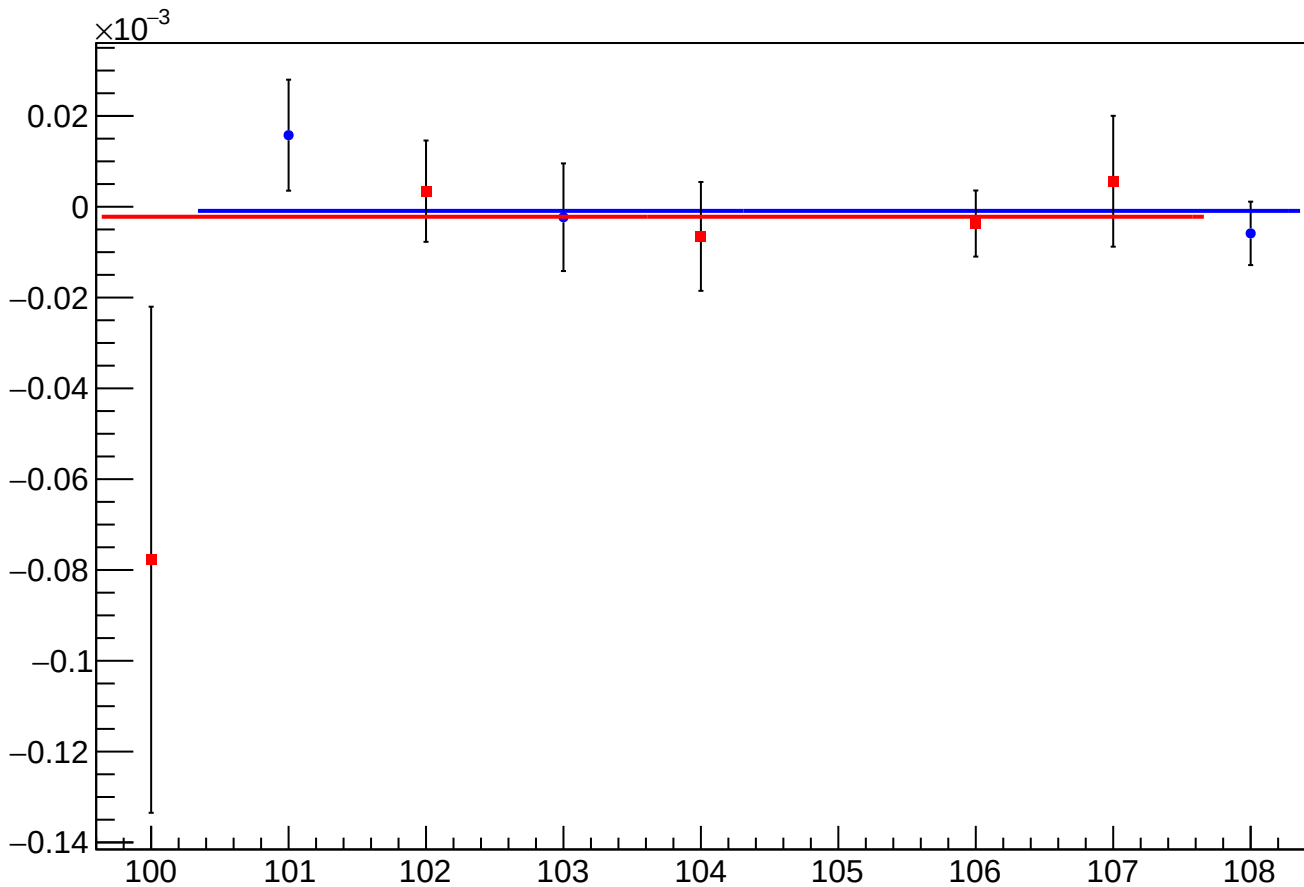
Right: 134.976+/-0.061 χ^2/NDF : 886720.7/7

In: 142.654+/-0.086 χ^2/NDF : 371642.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.976+/-0.061 χ^2/NDF : 886720.7/7

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 2.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 2.6/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

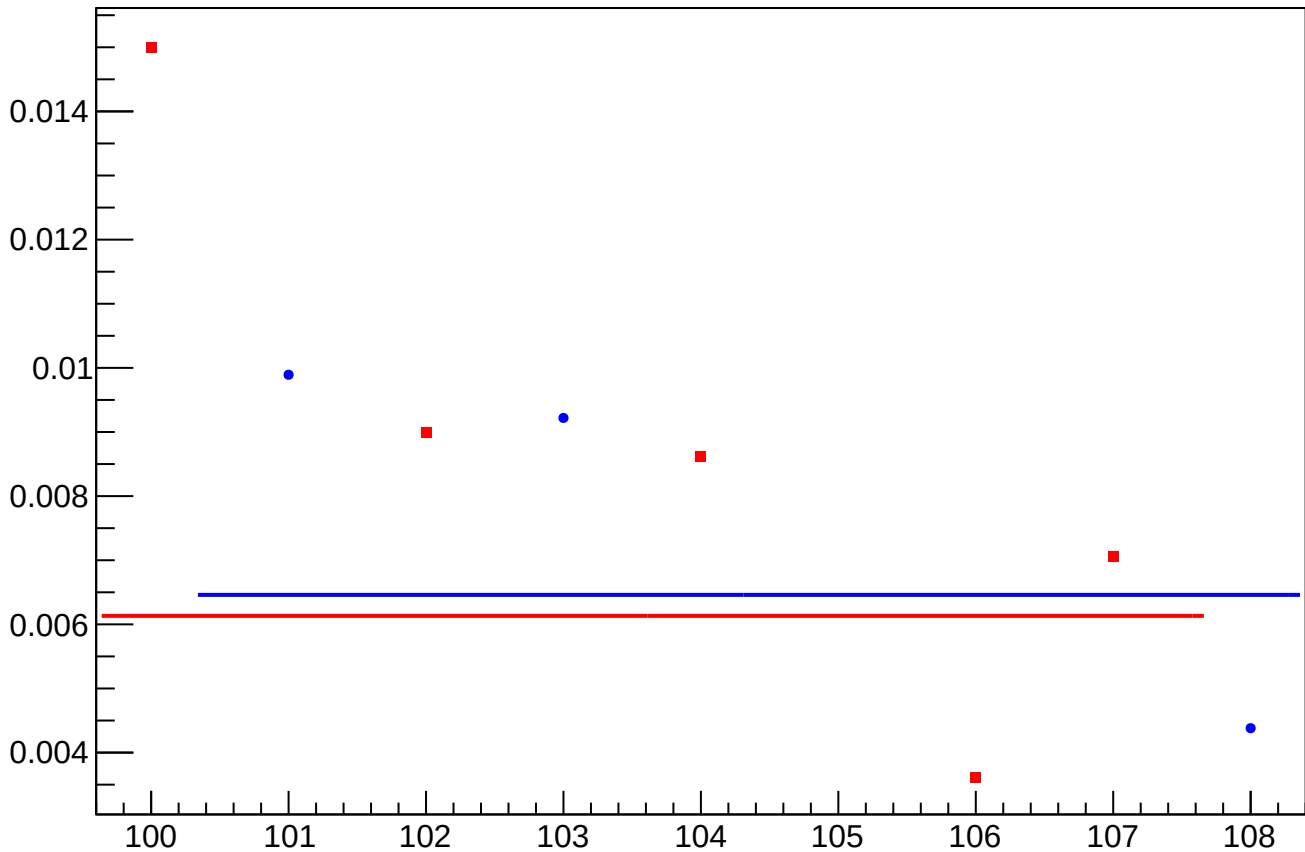
Right: -0.000+/-0.000 χ^2 /NDF: 5.0/7

In: -0.000+/-0.000 χ^2 /NDF:2.4/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 5.0/7

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 443261.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 515340.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

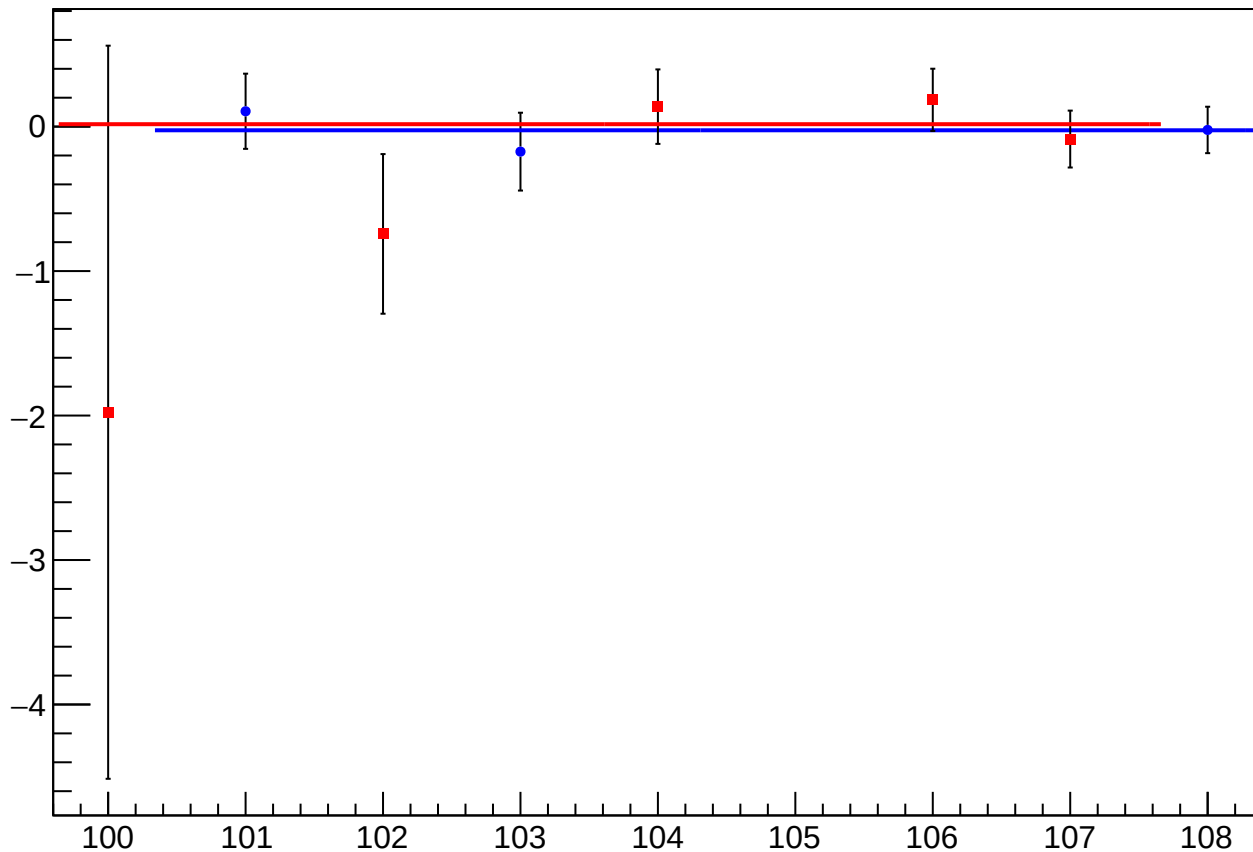
Right: 0.006+/-0.000 χ^2/NDF : 962507.8/7

In: 0.006+/-0.000 χ^2/NDF : 443261.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 962507.8/7

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025 ± 0.122 χ^2/NDF : 0.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.017 ± 0.123 χ^2/NDF : 3.6/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

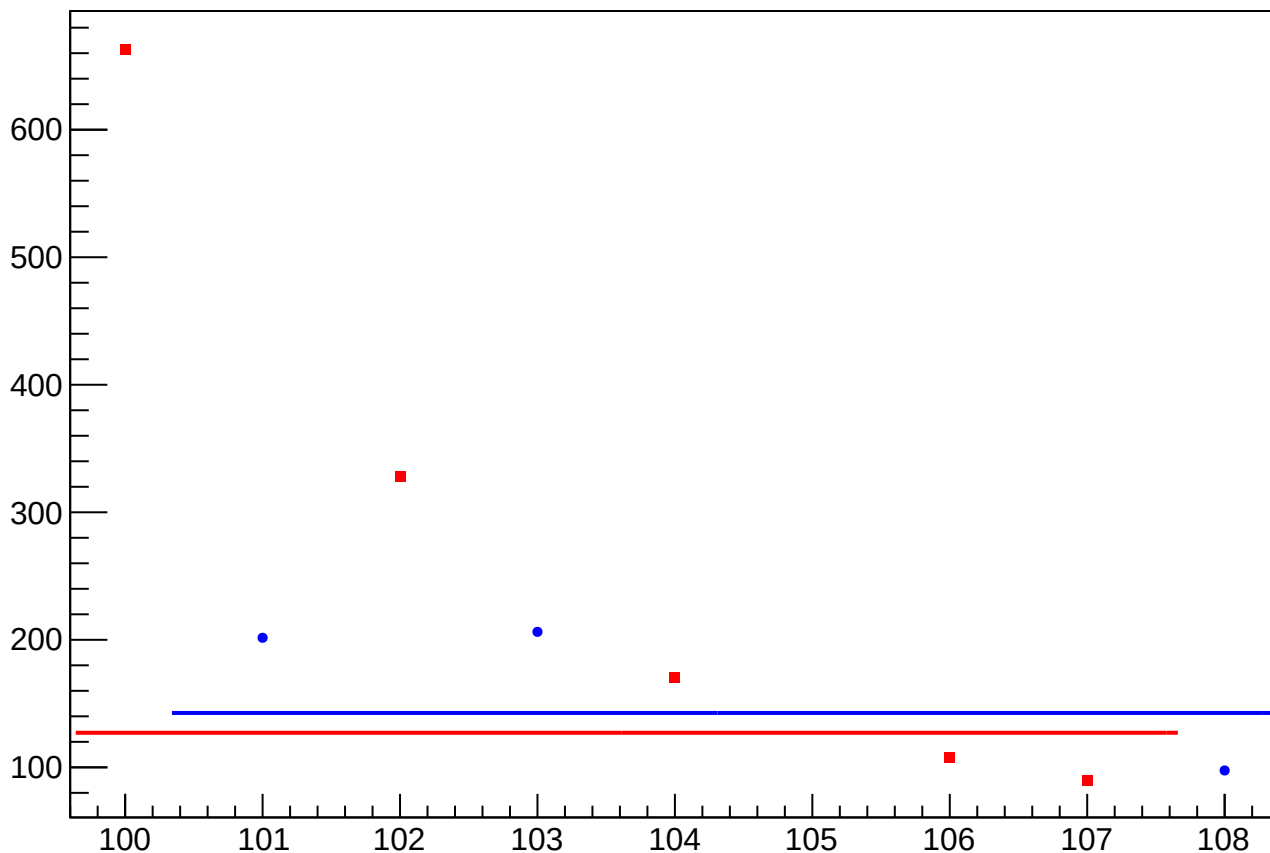
Right: -0.005 ± 0.087 χ^2/NDF : 4.2/7

In: -0.025 ± 0.122 χ^2/NDF : 0.6/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.005 ± 0.087 χ^2/NDF : 4.2/7

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.655+/-0.086 χ^2/NDF : 371607.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.129+/-0.087 χ^2/NDF : 499002.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

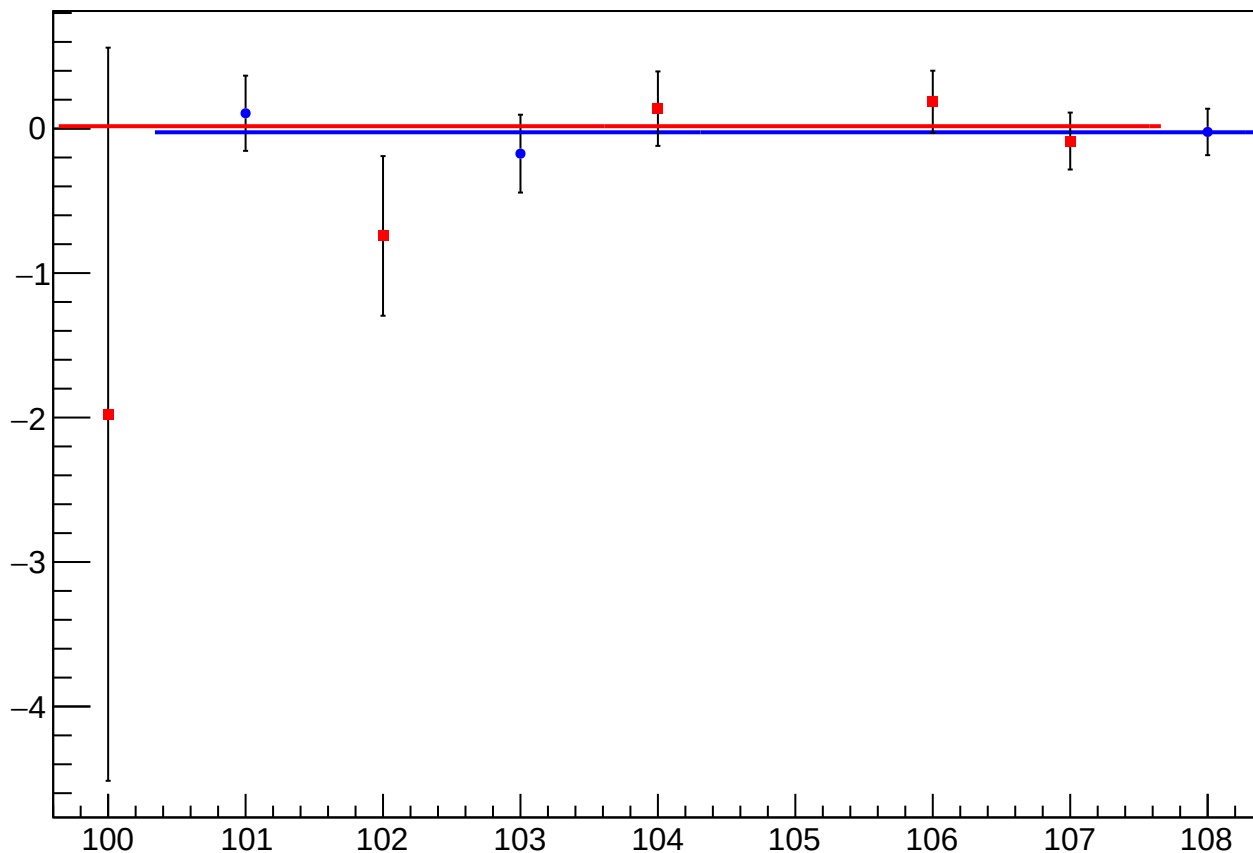
Right: 134.979+/-0.061 χ^2/NDF : 886644.0/7

In: 142.655+/-0.086 χ^2/NDF : 371607.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.979+/-0.061 χ^2/NDF : 886644.0/7

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.025 $\pm$ 0.122 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.017 $\pm$ 0.123 χ^2 /NDF: 3.6/4

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

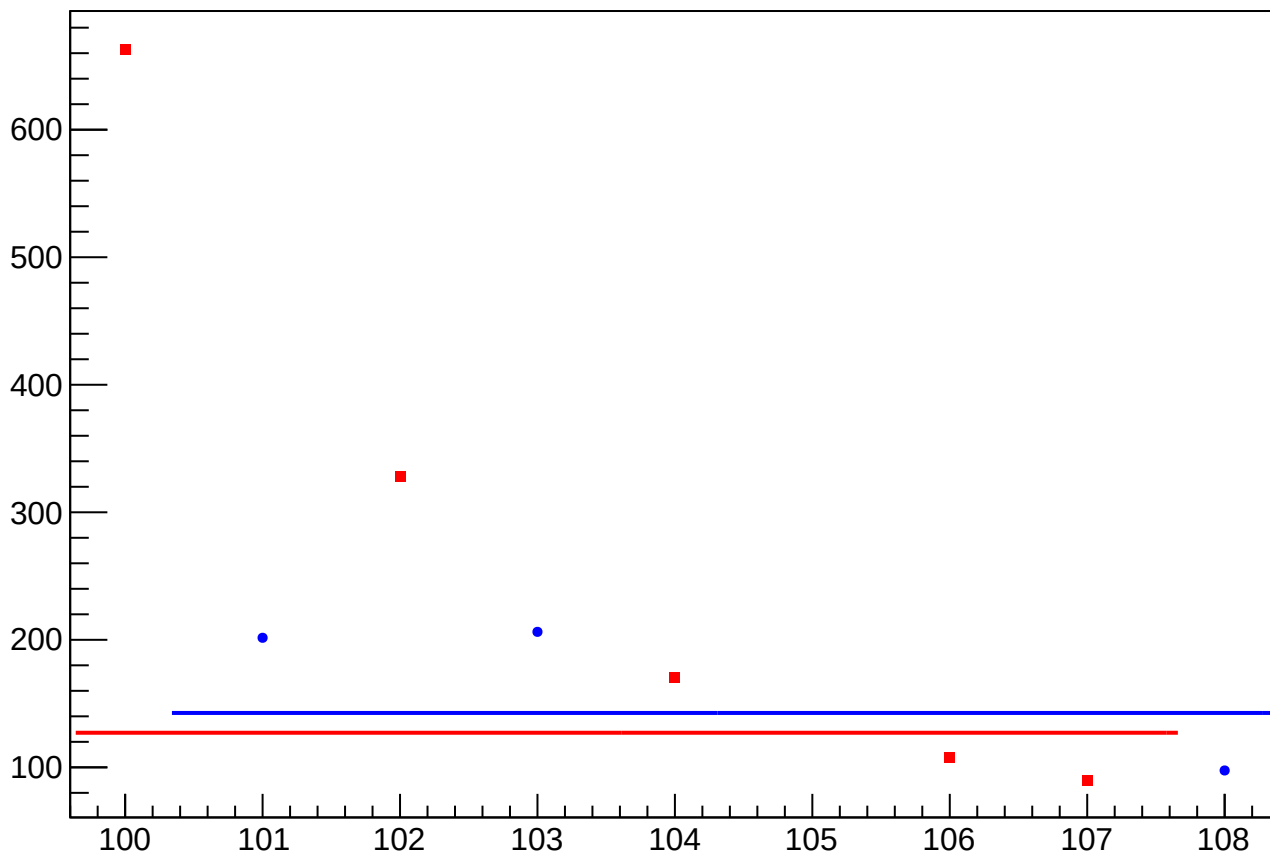
Right: -0.005 $\pm$ 0.087 χ^2 /NDF: 4.2/7

In: -0.025 $\pm$ 0.122 χ^2 /NDF:0.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.005 $\pm$ 0.087 χ^2 /NDF: 4.2/7

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.655+/-0.086 χ^2/NDF : 371607.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.129+/-0.087 χ^2/NDF : 499002.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

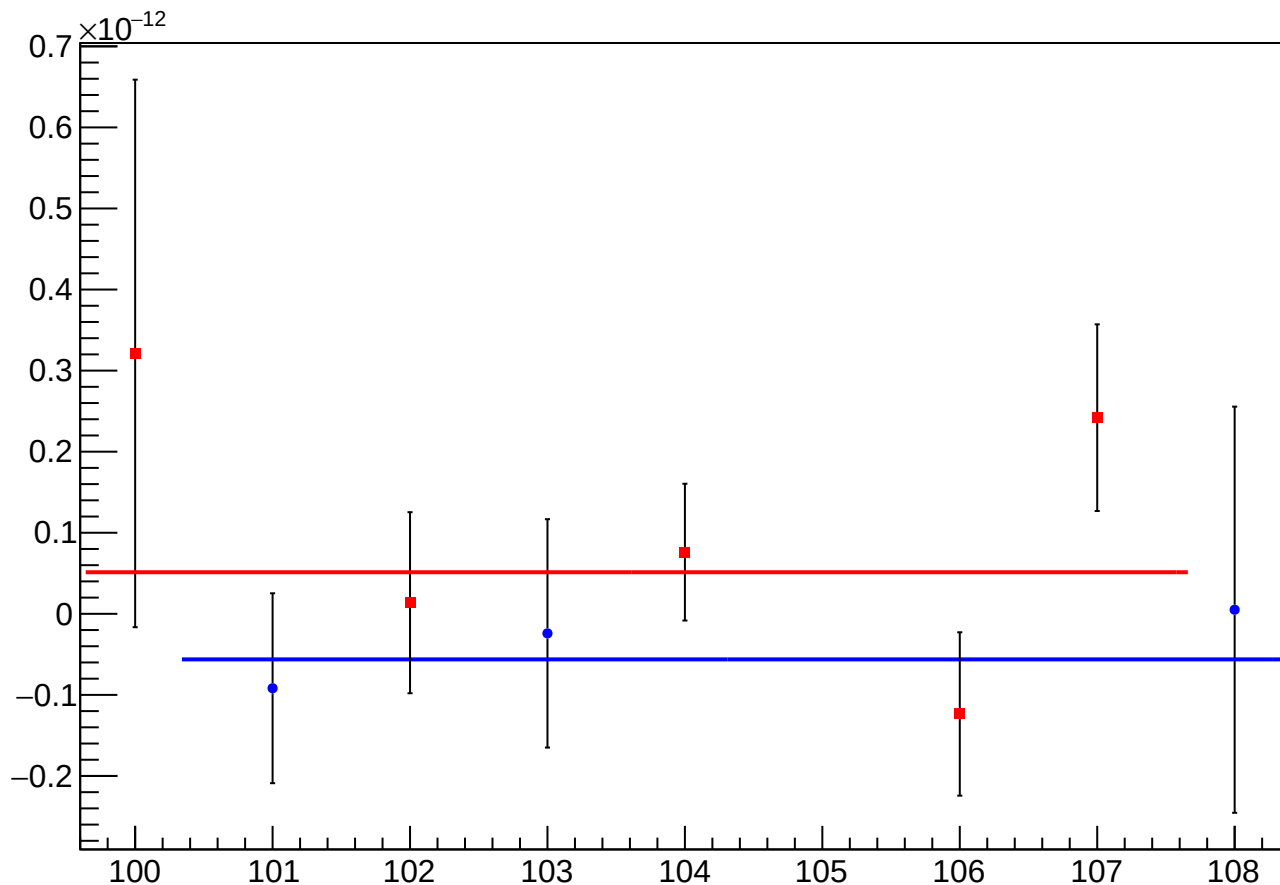
Right: 134.979+/-0.061 χ^2/NDF : 886644.0/7

In: 142.655+/-0.086 χ^2/NDF : 371607.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.979+/-0.061 χ^2/NDF : 886644.0/7

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 : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

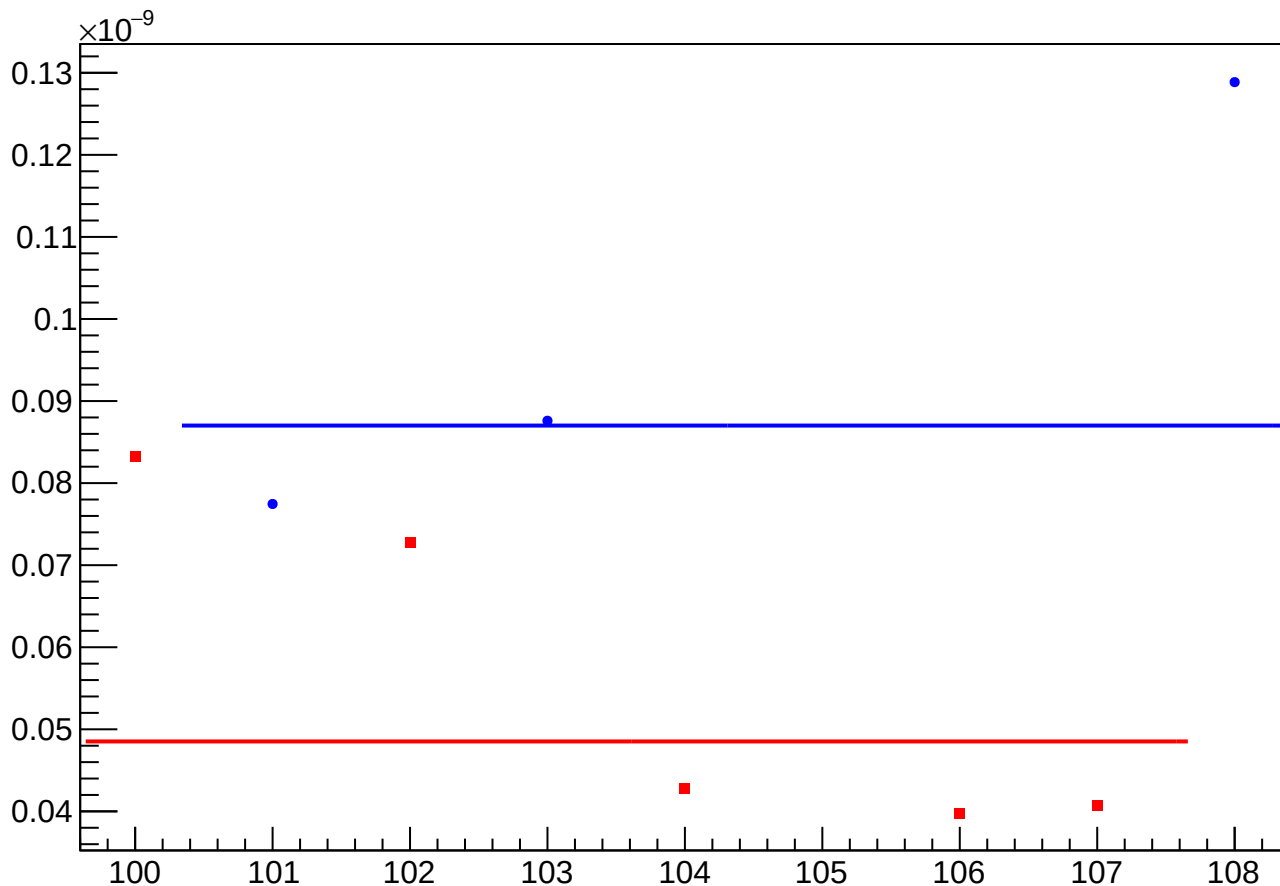
Right: 0.000+/-0.000 χ^2/NDF : 8.0/7

In: -0.000+/-0.000 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.0/7

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 : 69167.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 148752.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

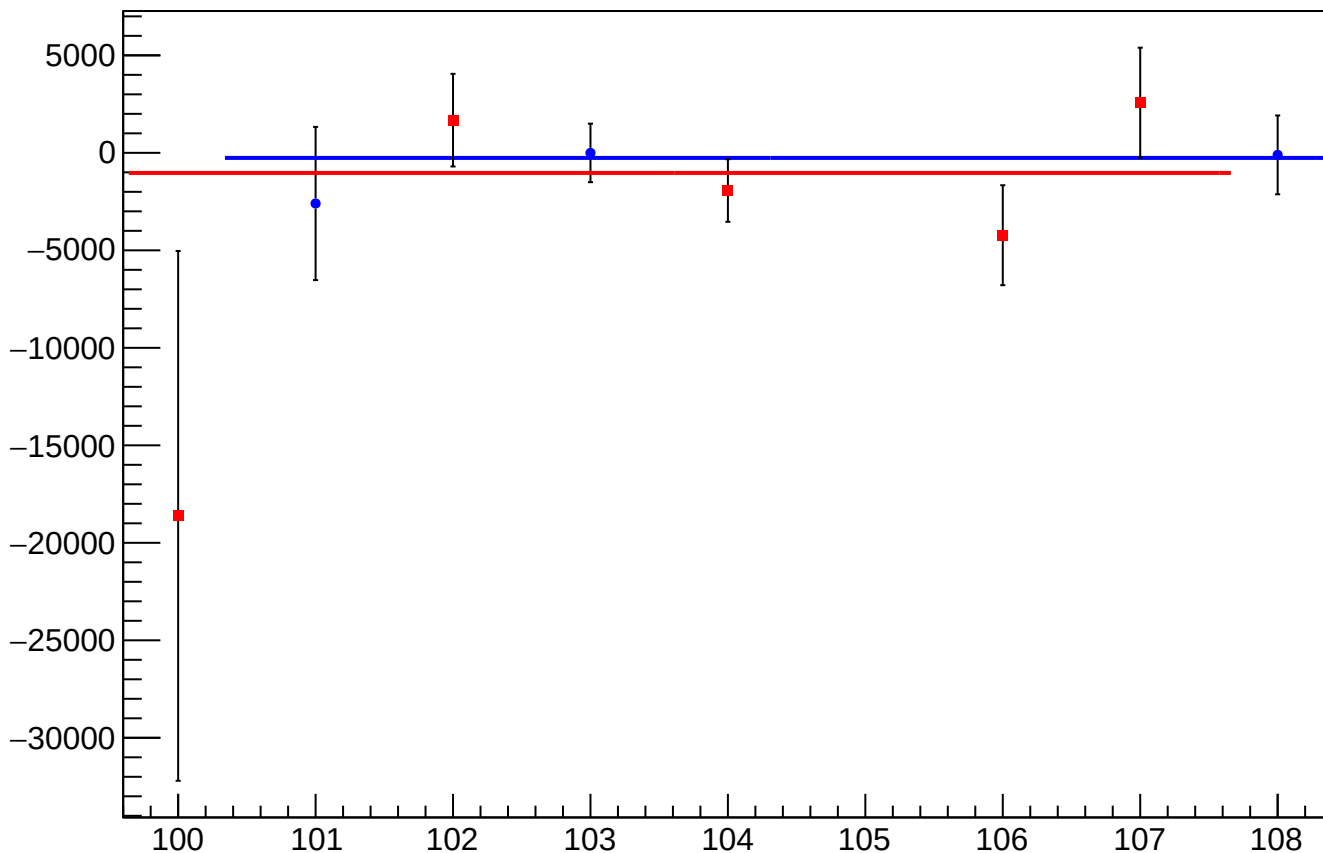
Right: 0.000+/-0.000 χ^2/NDF : 524604.2/7

In: 0.000+/-0.000 χ^2/NDF : 69167.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 524604.2/7

reg_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -259.803+/-1151.712 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1030.264+/-1085.581 χ^2/NDF : 6.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

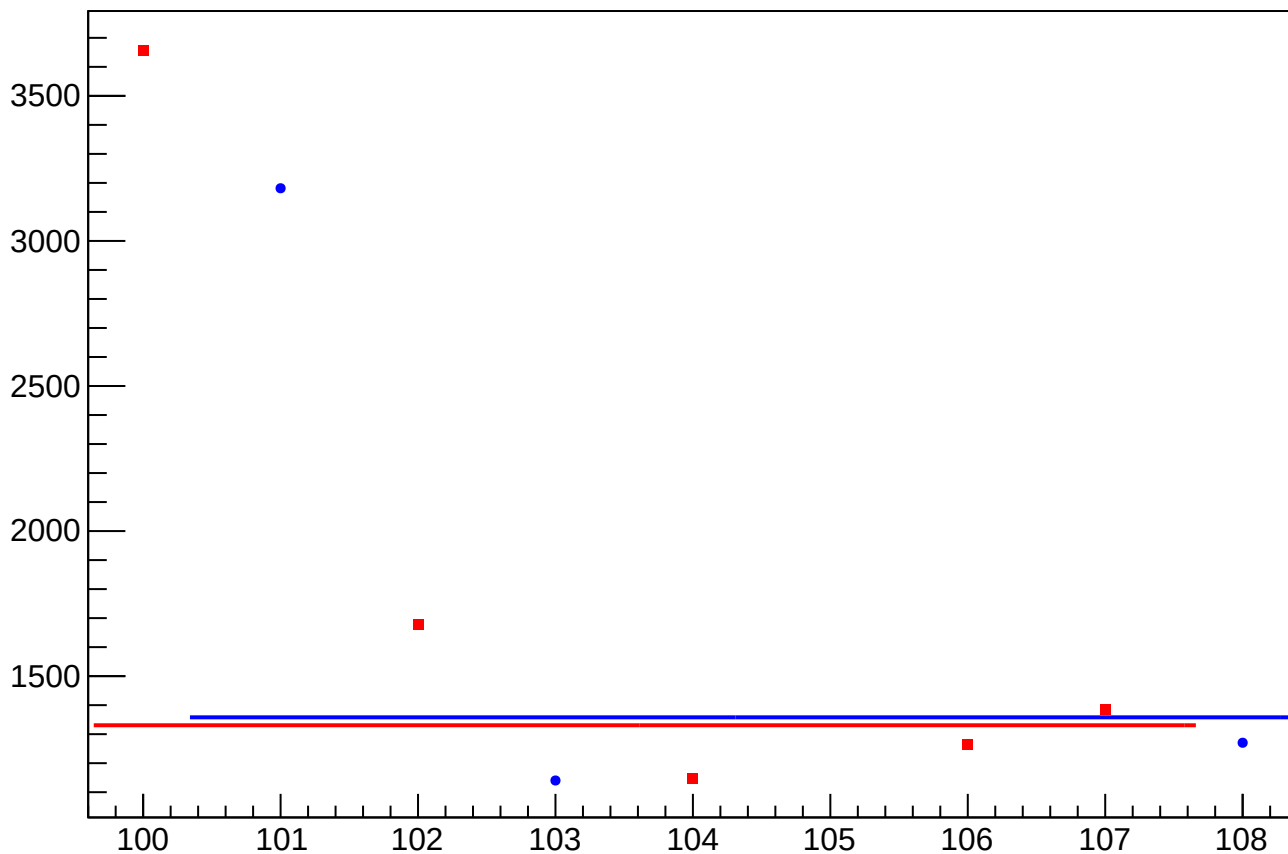
Right: -667.788+/-789.966 χ^2/NDF : 7.1/7

In: -259.803+/-1151.712 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -667.788+/-789.966 χ^2/NDF : 7.1/7

reg_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1357.998+/-0.814 χ^2/NDF : 476767.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1330.687+/-0.768 χ^2/NDF : 128865.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

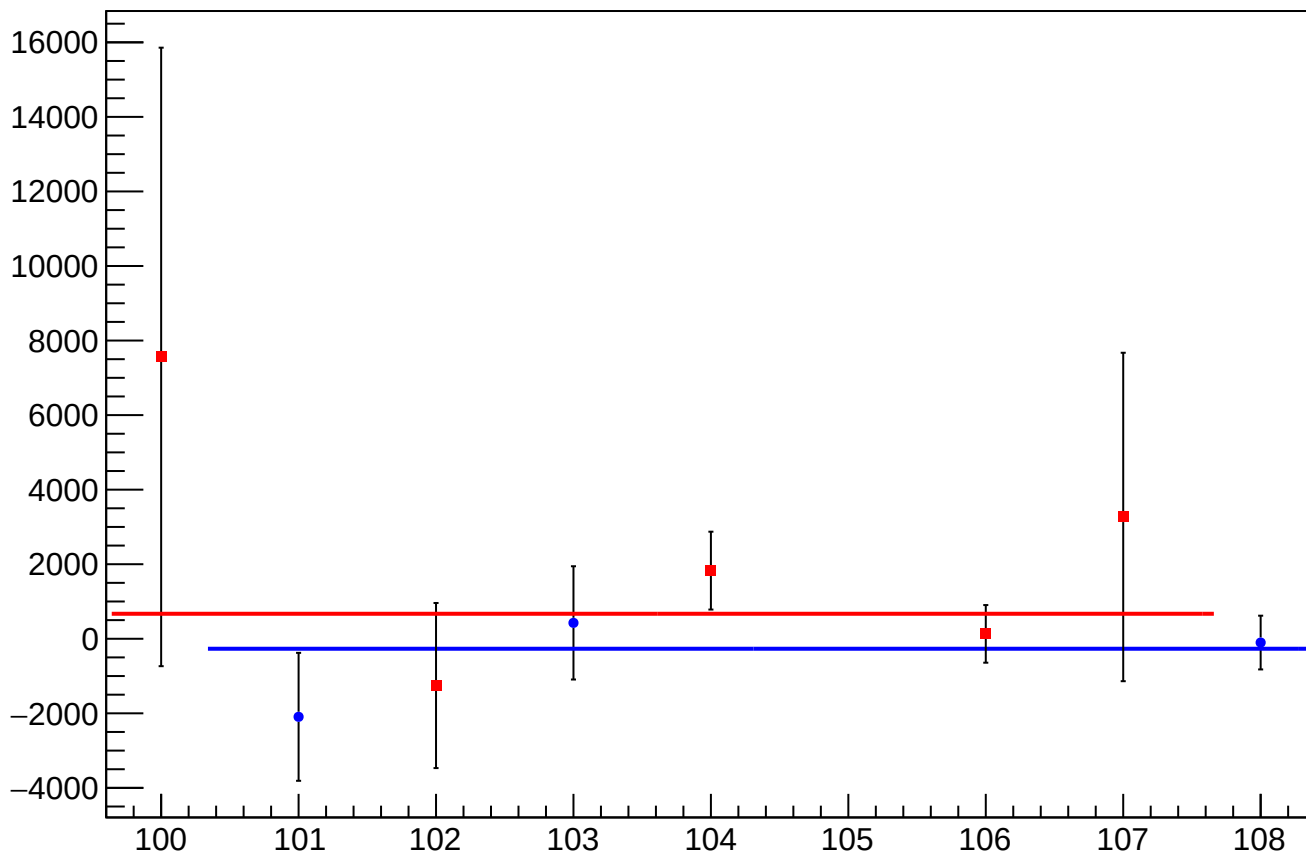
Right: 1343.536+/-0.559 χ^2/NDF : 606228.2/7

In: 1357.998+/-0.814 χ^2/NDF : 476767.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1343.536+/-0.559 χ^2/NDF : 606228.2/7

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -267.678+/-608.866 χ^2/NDF : 1.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 670.656+/-591.352 χ^2/NDF : 3.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

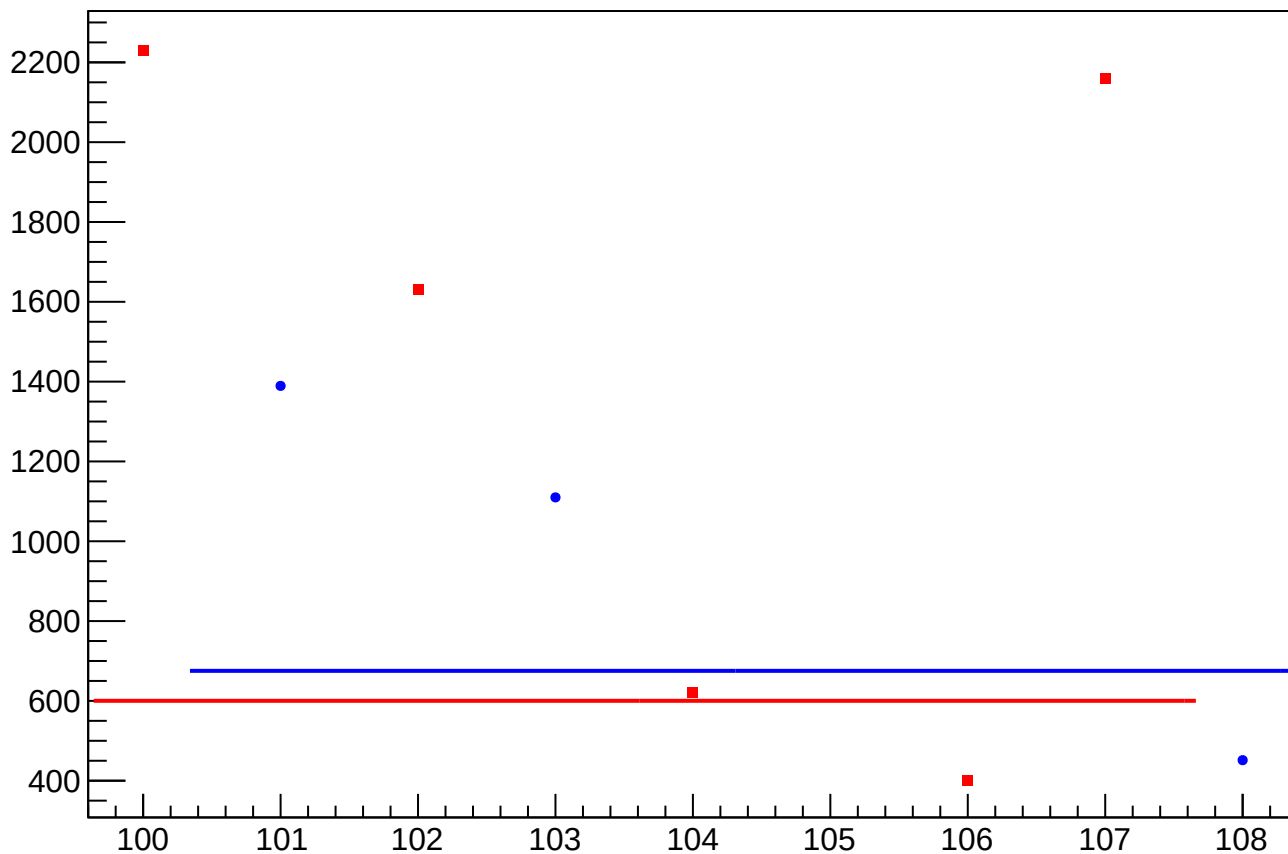
Right: 215.178+/-424.205 χ^2/NDF : 6.1/7

In: -267.678+/-608.866 χ^2/NDF : 1.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 215.178+/-424.205 χ^2/NDF : 6.1/7

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 675.286+/-0.431 χ^2/NDF : 702753.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 600.222+/-0.418 χ^2/NDF : 895627.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

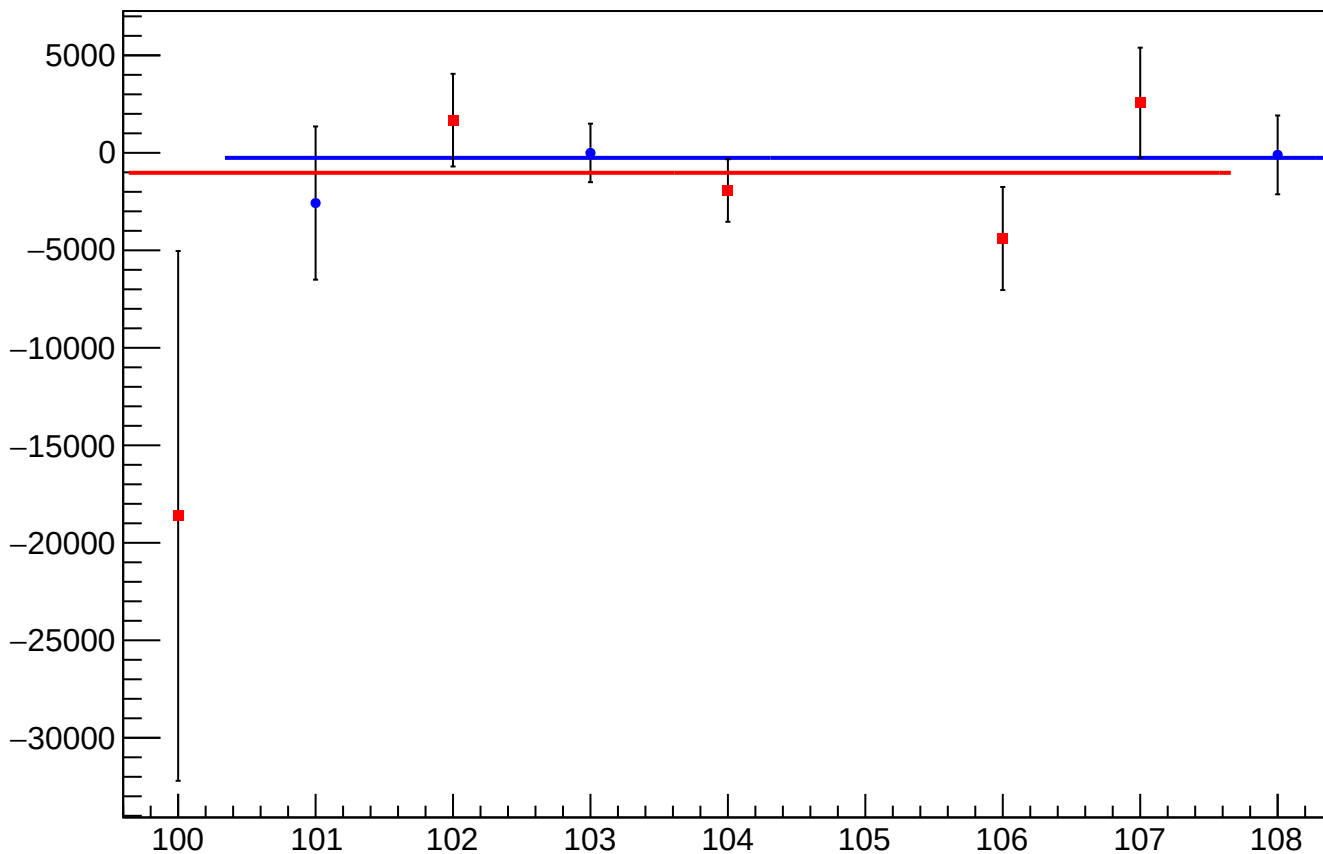
Right: 636.659+/-0.300 χ^2/NDF : 1614023.2/7

In: 675.286+/-0.431 χ^2/NDF : 702753.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 636.659+/-0.300 χ^2/NDF : 1614023.2/7

cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -257.794+/-1151.713 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1024.498+/-1091.453 χ^2/NDF : 6.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

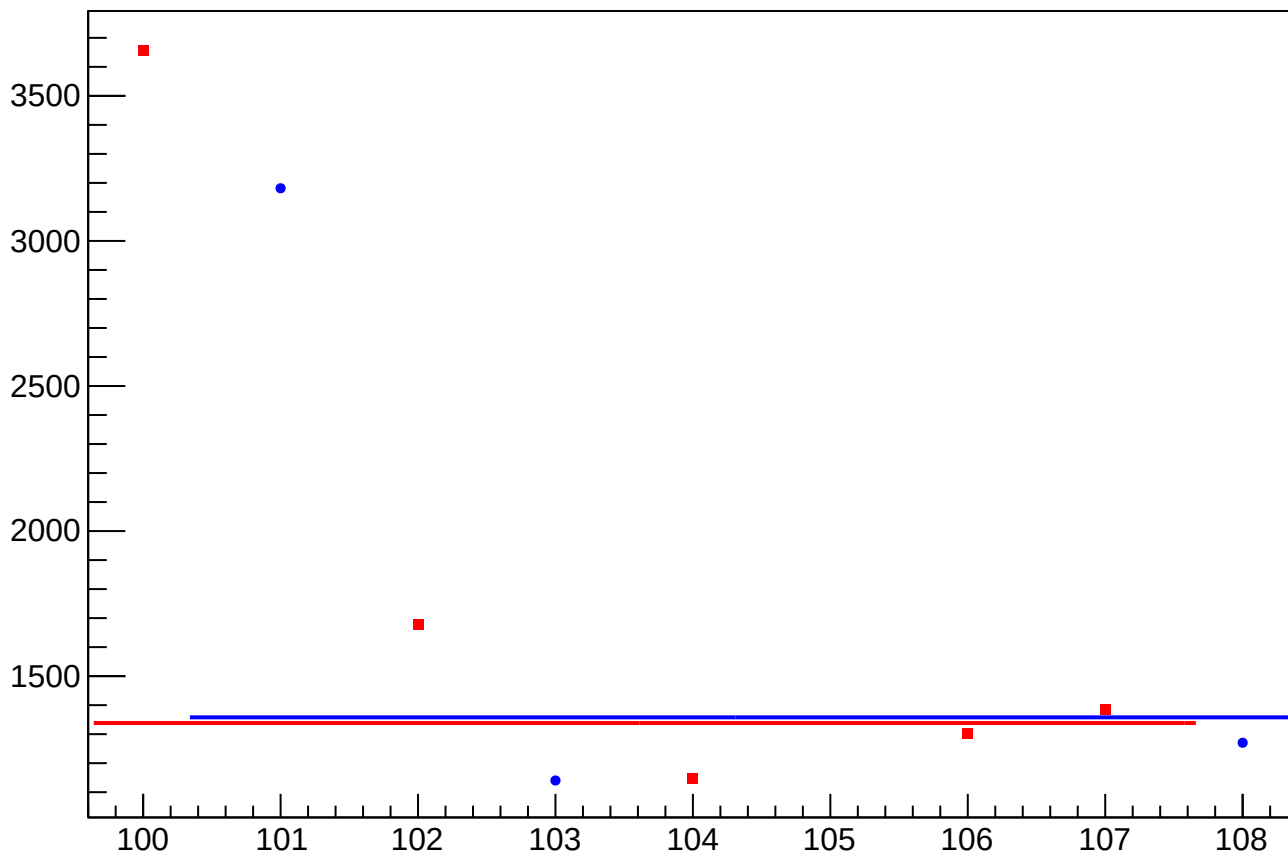
Right: -661.728+/-792.221 χ^2/NDF : 7.2/7

In: -257.794+/-1151.713 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -661.728+/-792.221 χ^2/NDF : 7.2/7

cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1357.997 $\pm$ 0.814 χ^2 /NDF: 476769.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1338.372 $\pm$ 0.772 χ^2 /NDF: 127580.7/4

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

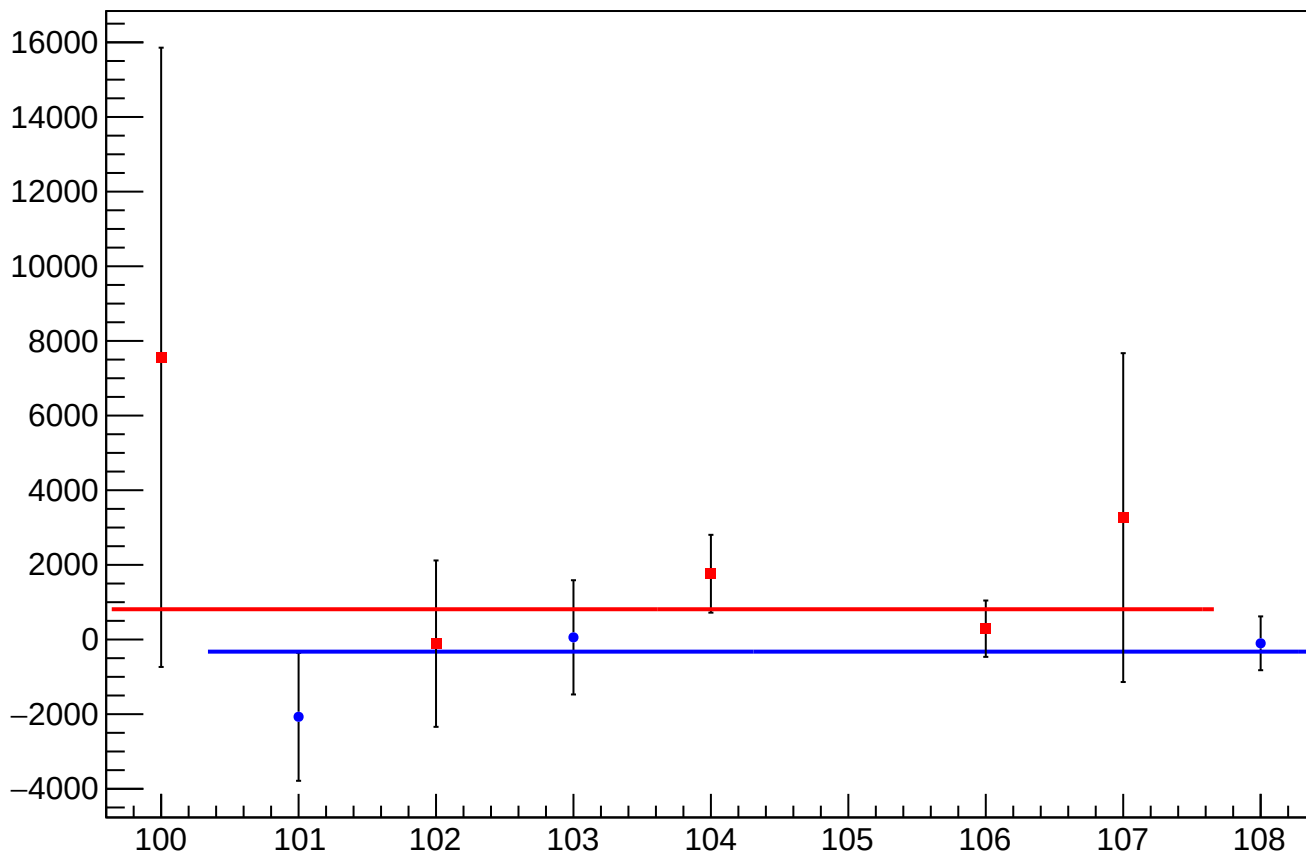
Right: 1347.658 $\pm$ 0.560 χ^2 /NDF: 604655.8/7

In: 1357.997 $\pm$ 0.814 χ^2 /NDF: 476769.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1347.658 $\pm$ 0.560 χ^2 /NDF: 604655.8/7

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -324.751+/-609.541 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 811.160+/-582.978 χ^2/NDF : 2.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

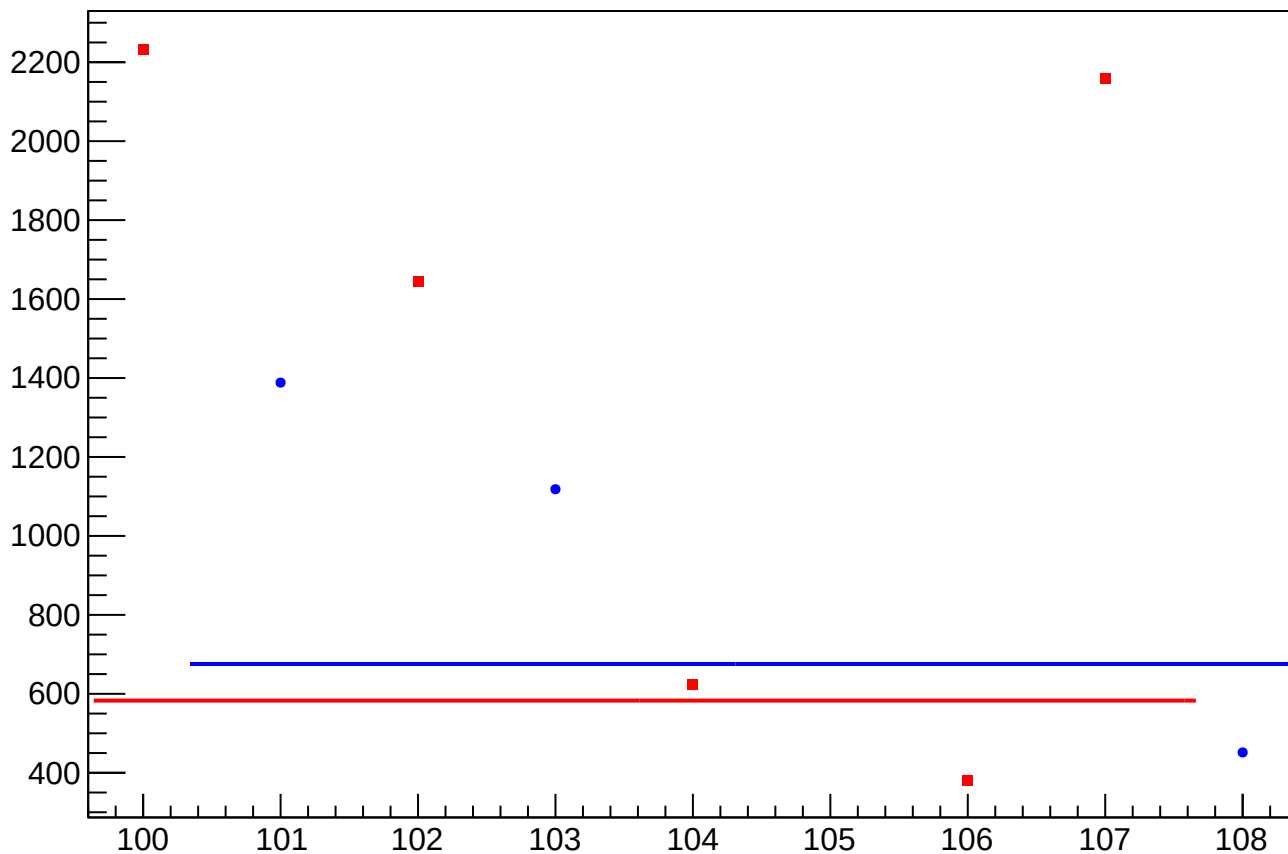
Right: 268.494+/-421.305 χ^2/NDF : 5.5/7

In: -324.751+/-609.541 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 268.494+/-421.305 χ^2/NDF : 5.5/7

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 675.611+/-0.431 χ^2/NDF : 706155.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 582.858+/-0.412 χ^2/NDF : 936154.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

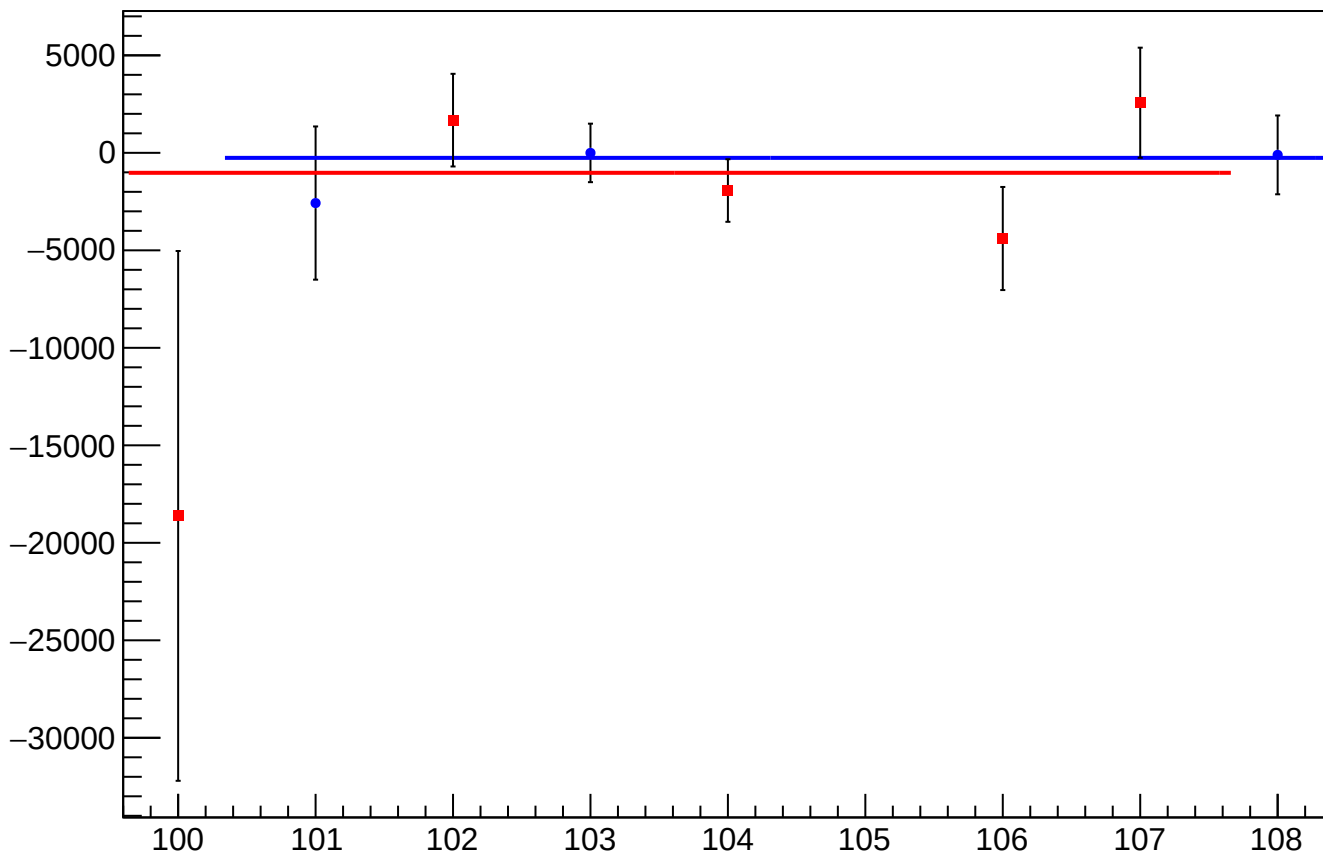
Right: 627.170+/-0.298 χ^2/NDF : 1666496.3/7

In: 675.611+/-0.431 χ^2/NDF : 706155.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 627.170+/-0.298 χ^2/NDF : 1666496.3/7

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -257.794+/-1151.713 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1024.498+/-1091.453 χ^2/NDF : 6.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

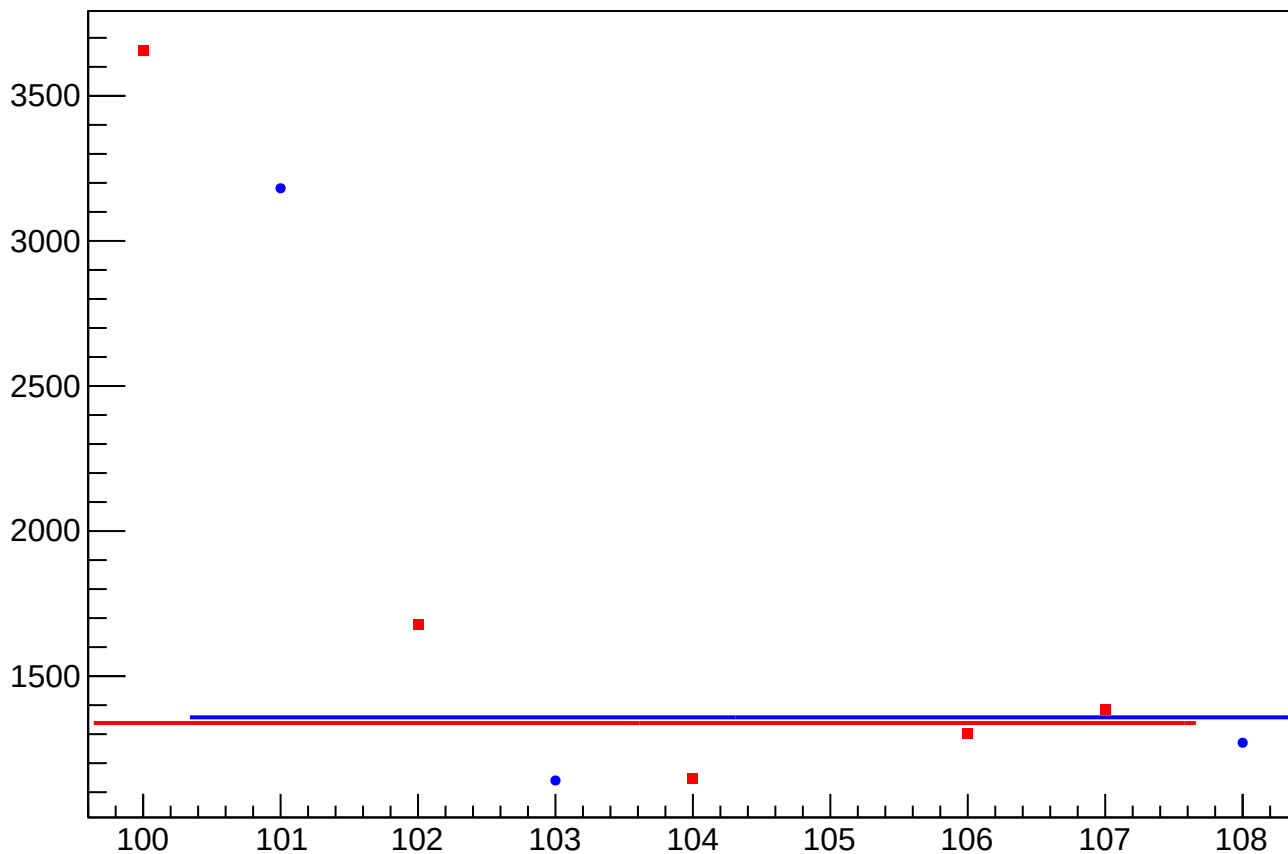
Right: -661.728+/-792.221 χ^2/NDF : 7.2/7

In: -257.794+/-1151.713 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -661.728+/-792.221 χ^2/NDF : 7.2/7

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1357.997 $\pm$ 0.814 χ^2 /NDF: 476769.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1338.372 $\pm$ 0.772 χ^2 /NDF: 127580.7/4

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

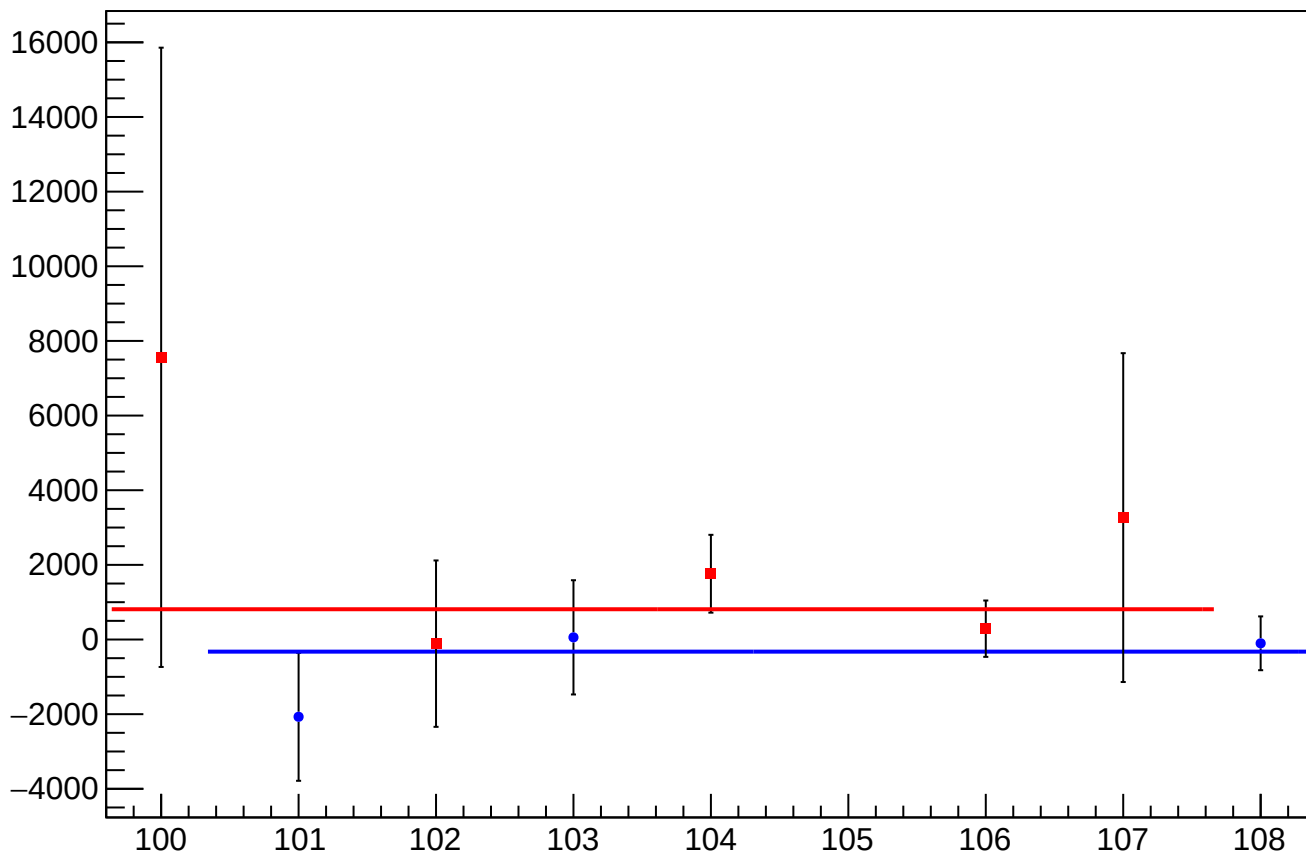
Right: 1347.658 $\pm$ 0.560 χ^2 /NDF: 604655.8/7

In: 1357.997 $\pm$ 0.814 χ^2 /NDF: 476769.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1347.658 $\pm$ 0.560 χ^2 /NDF: 604655.8/7

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -324.751+/-609.541 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 811.160+/-582.978 χ^2/NDF : 2.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

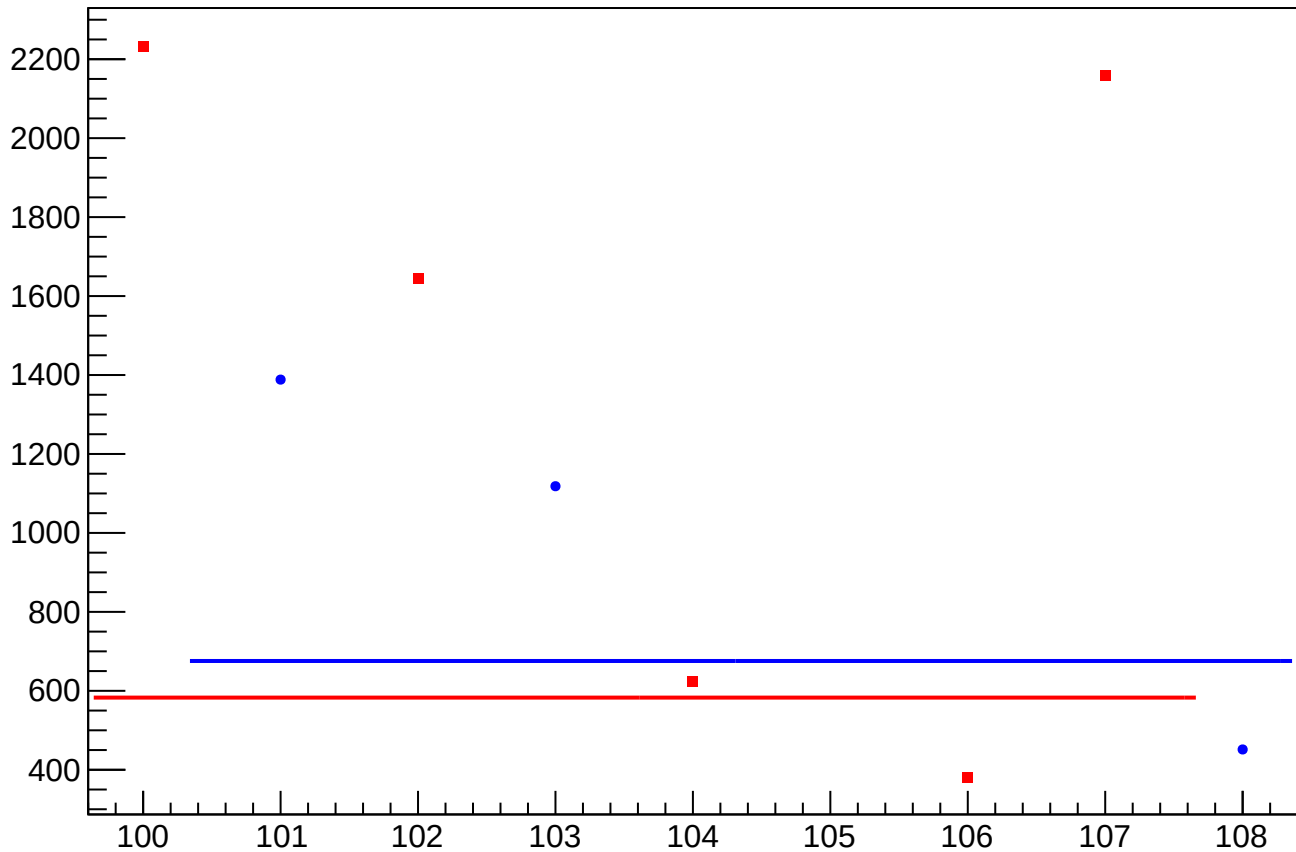
Right: 268.494+/-421.305 χ^2/NDF : 5.5/7

In: -324.751+/-609.541 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 268.494+/-421.305 χ^2/NDF : 5.5/7

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 675.611+/-0.431 χ^2/NDF : 706155.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 582.858+/-0.412 χ^2/NDF : 936154.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

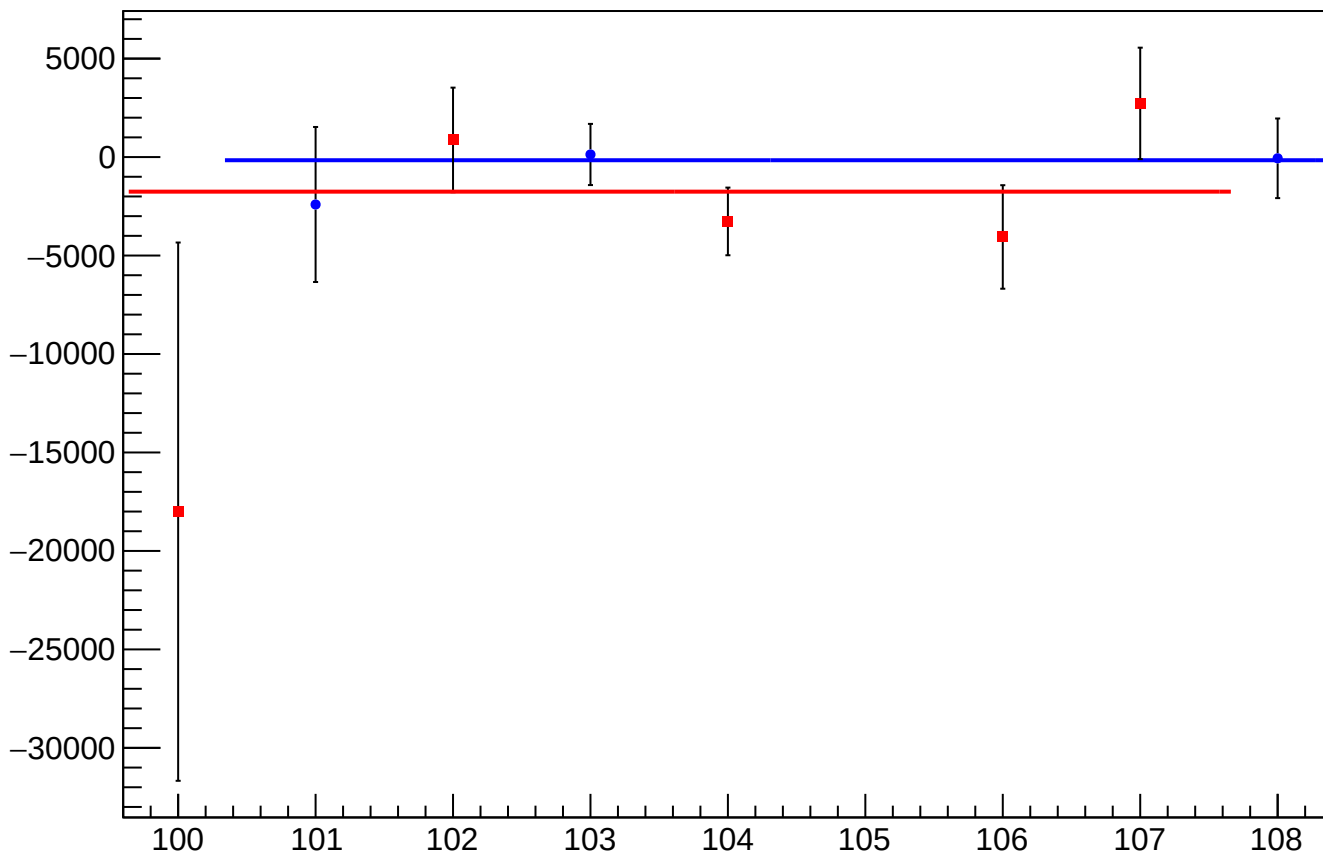
Right: 627.170+/-0.298 χ^2/NDF : 1666496.3/7

In: 675.611+/-0.431 χ^2/NDF : 706155.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 627.170+/-0.298 χ^2/NDF : 1666496.3/7

dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -160.378+/-1175.466 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1755.760+/-1150.285 χ^2/NDF : 6.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

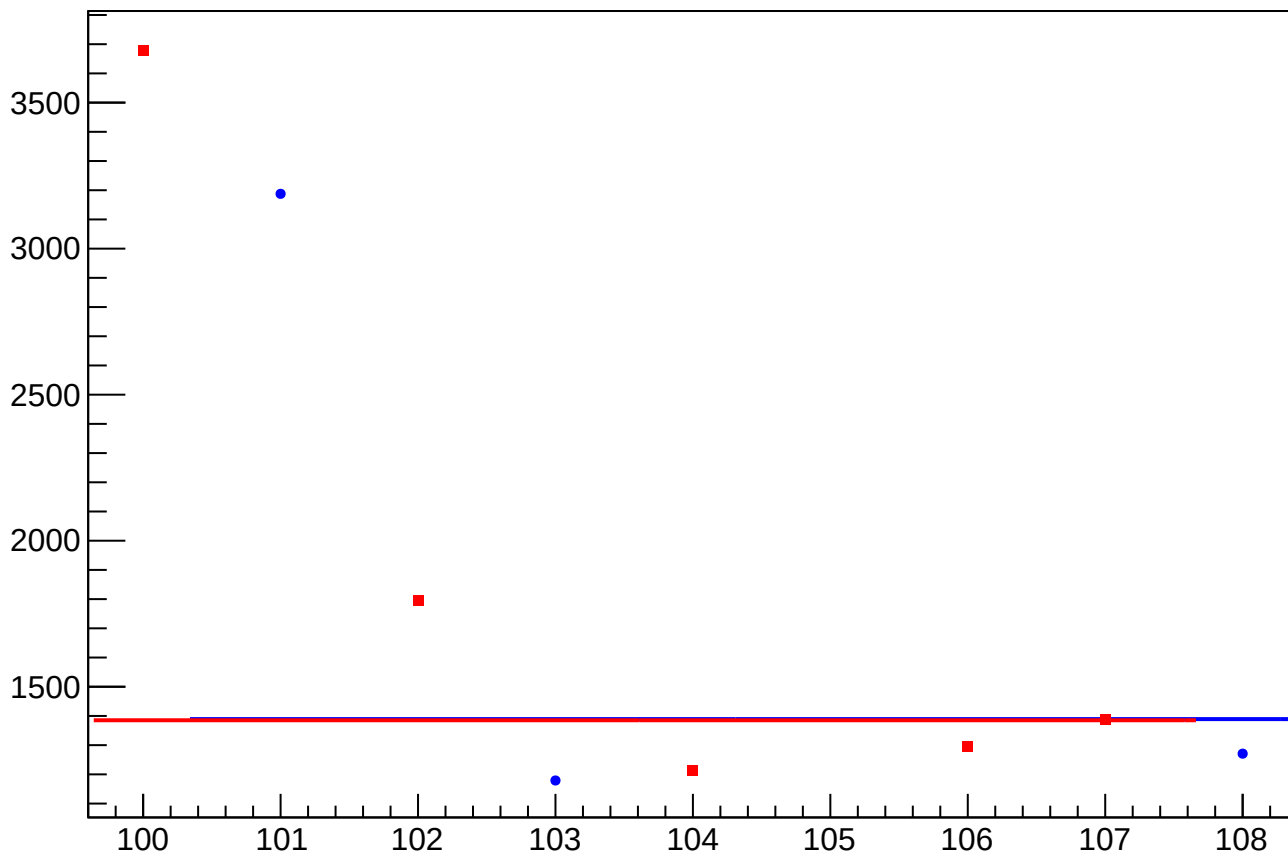
Right: -975.340+/-822.133 χ^2/NDF : 7.7/7

In: -160.378+/-1175.466 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -975.340+/-822.133 χ^2/NDF : 7.7/7

dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1389.211+/-0.831 χ^2/NDF : 460990.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1385.243+/-0.813 χ^2/NDF : 126065.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

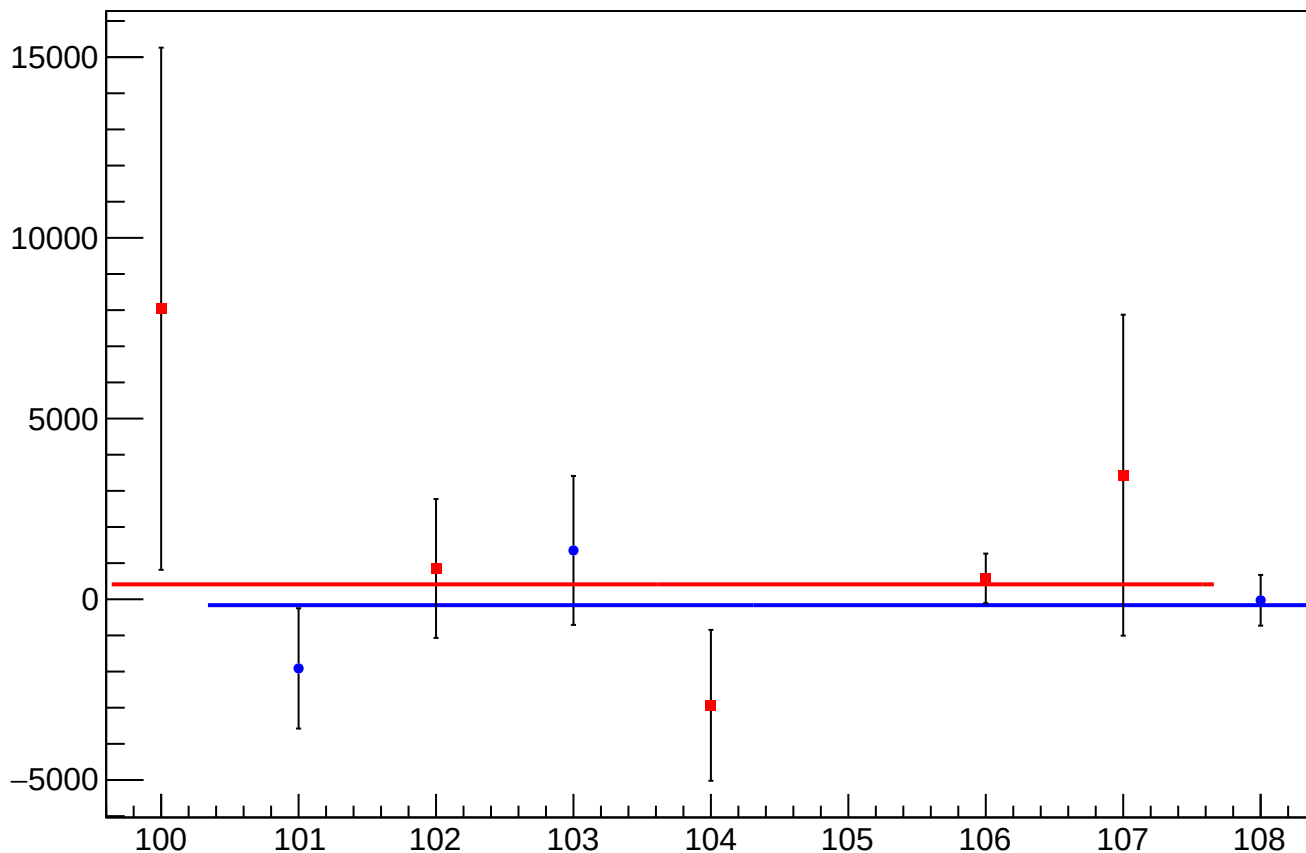
Right: 1387.184+/-0.581 χ^2/NDF : 587067.7/7

In: 1389.211+/-0.831 χ^2/NDF : 460990.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1387.184+/-0.581 χ^2/NDF : 587067.7/7

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -162.869+/-617.022 χ^2/NDF : 1.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 413.315+/-609.276 χ^2/NDF : 4.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

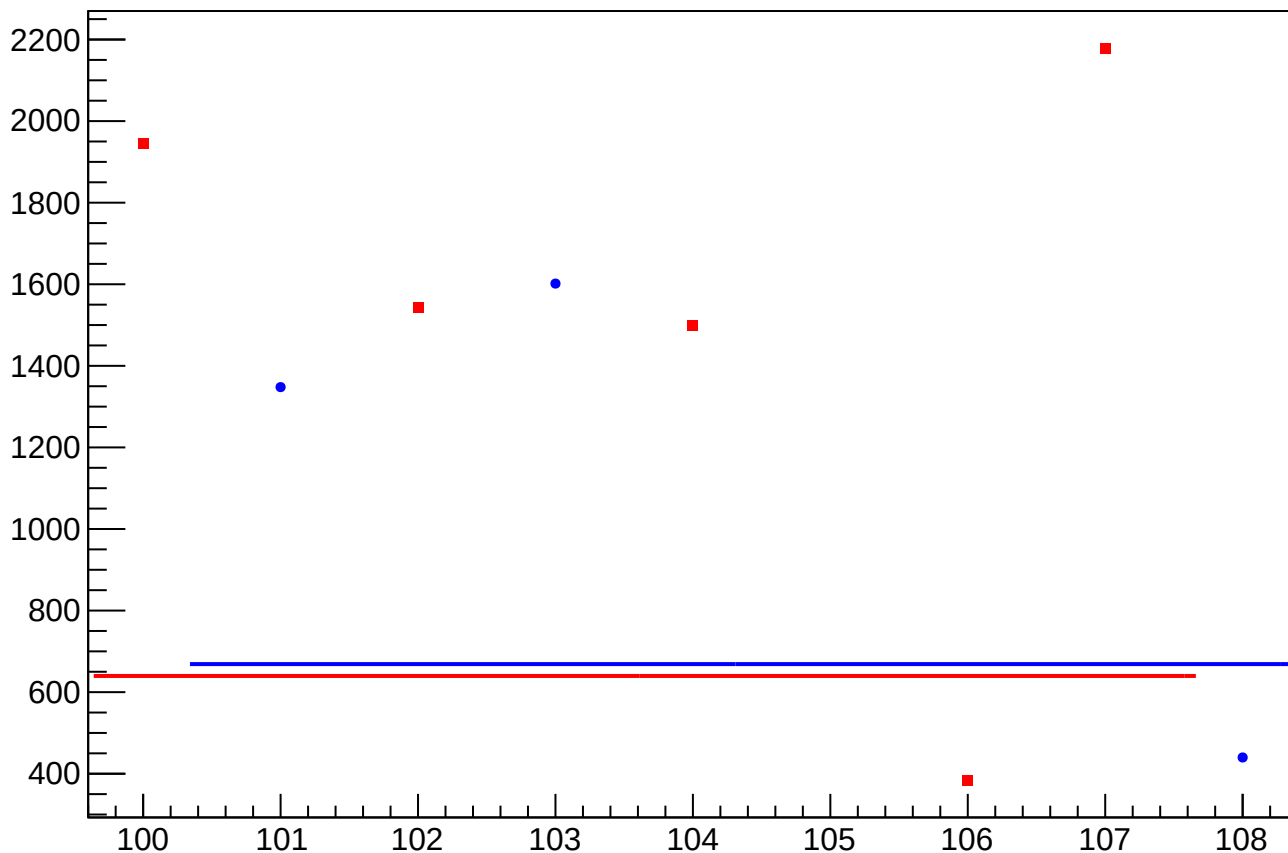
Right: 128.862+/-433.536 χ^2/NDF : 6.4/7

In: -162.869+/-617.022 χ^2/NDF : 1.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.862+/-433.536 χ^2/NDF : 6.4/7

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 668.798+/-0.436 χ^2/NDF : 955573.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 639.706+/-0.431 χ^2/NDF : 1365457.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

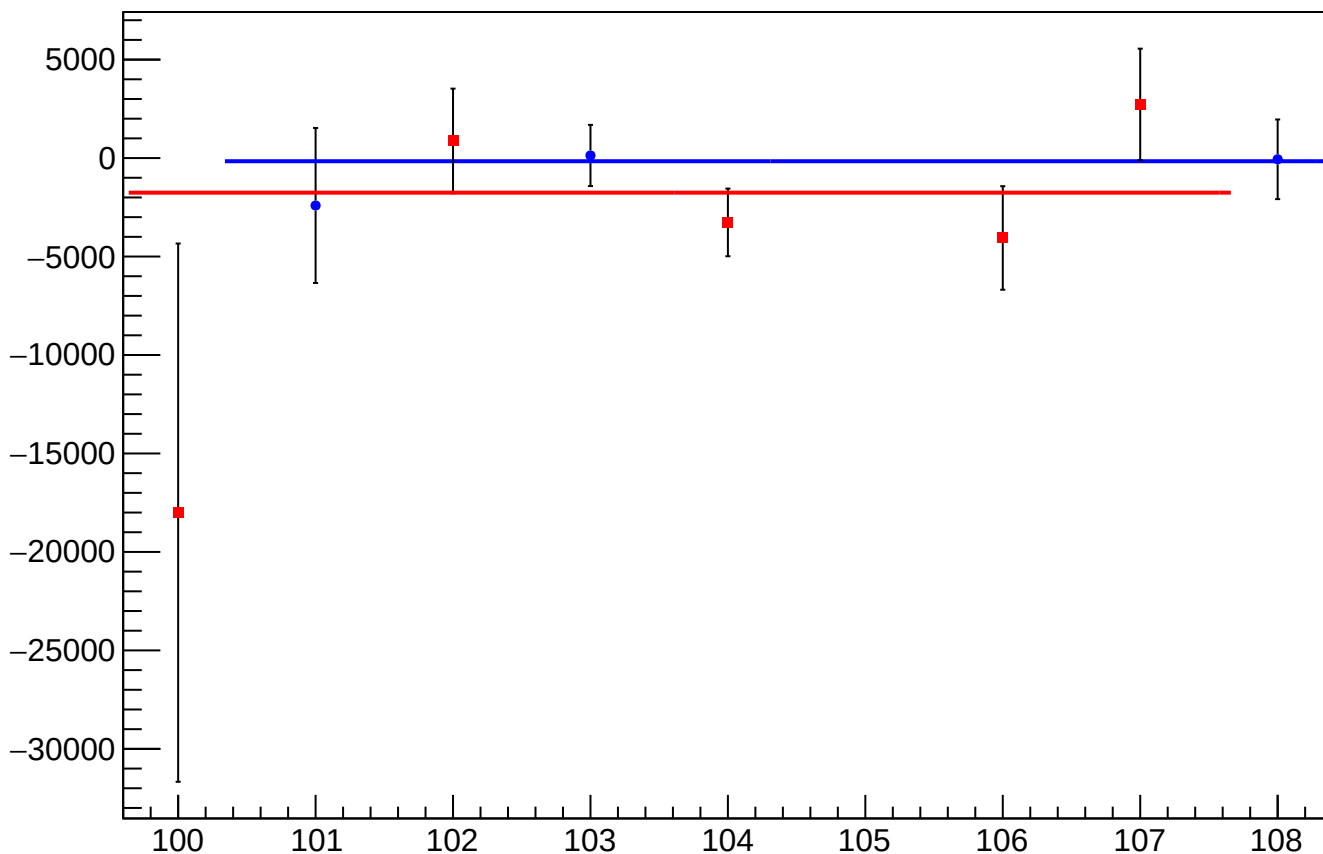
Right: 654.068+/-0.307 χ^2/NDF : 2323281.3/7

In: 668.798+/-0.436 χ^2/NDF : 955573.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 654.068+/-0.307 χ^2/NDF : 2323281.3/7

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -160.374+/-1175.466 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1755.764+/-1150.286 χ^2/NDF : 6.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

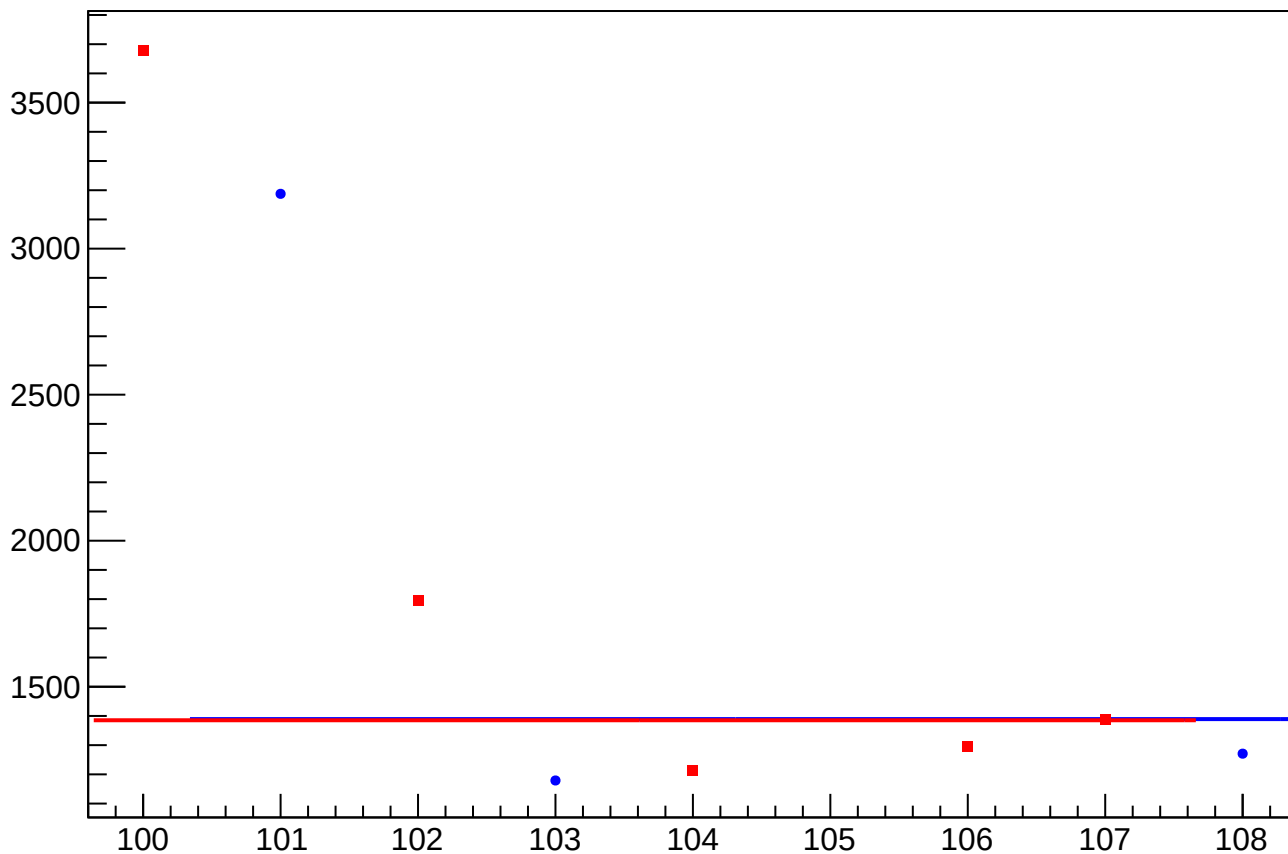
Right: -975.340+/-822.133 χ^2/NDF : 7.7/7

In: -160.374+/-1175.466 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -975.340+/-822.133 χ^2/NDF : 7.7/7

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1389.211+/-0.831 χ^2/NDF : 460990.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1385.243+/-0.813 χ^2/NDF : 126065.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

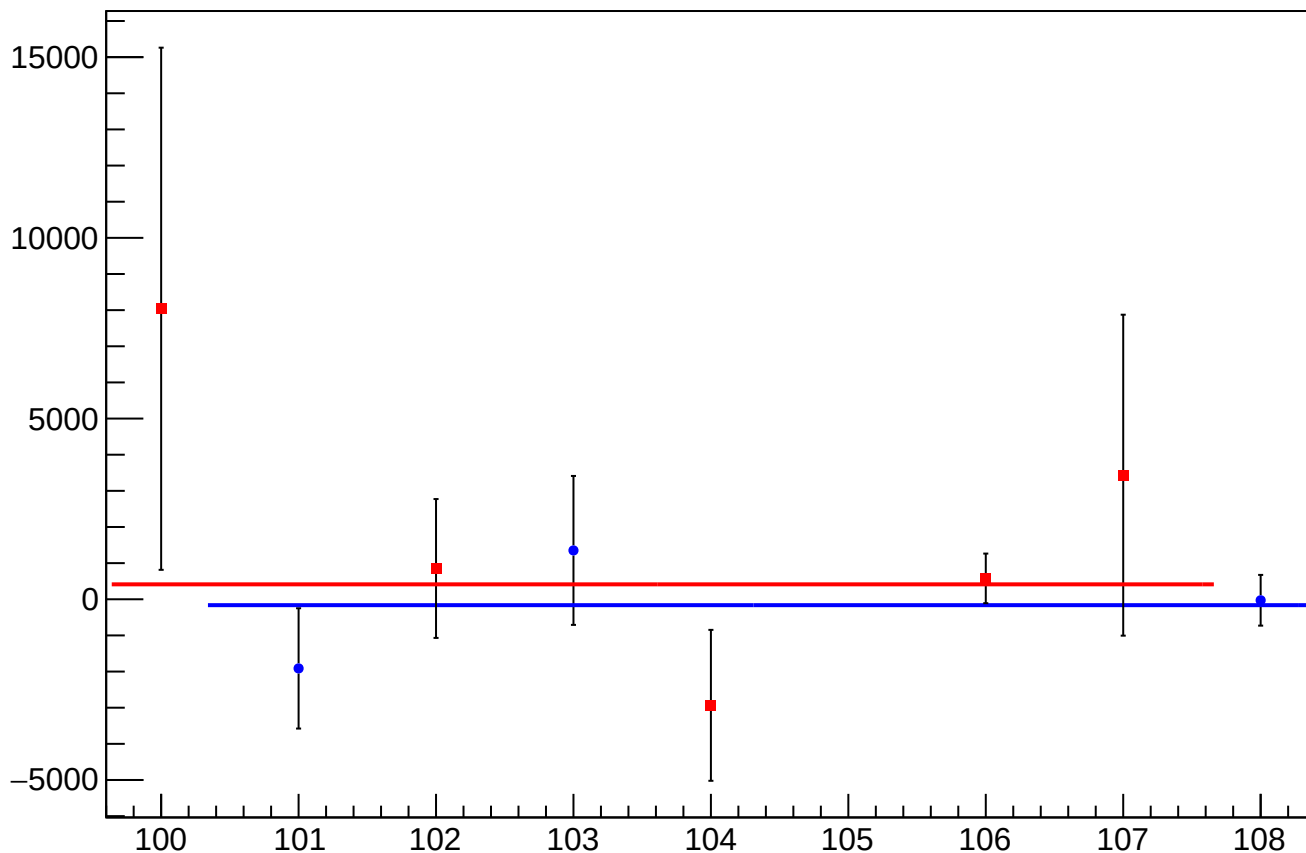
Right: 1387.184+/-0.581 χ^2/NDF : 587067.5/7

In: 1389.211+/-0.831 χ^2/NDF : 460990.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1387.184+/-0.581 χ^2/NDF : 587067.5/7

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -162.856+/-617.012 χ^2/NDF : 1.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 413.306+/-609.273 χ^2/NDF : 4.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

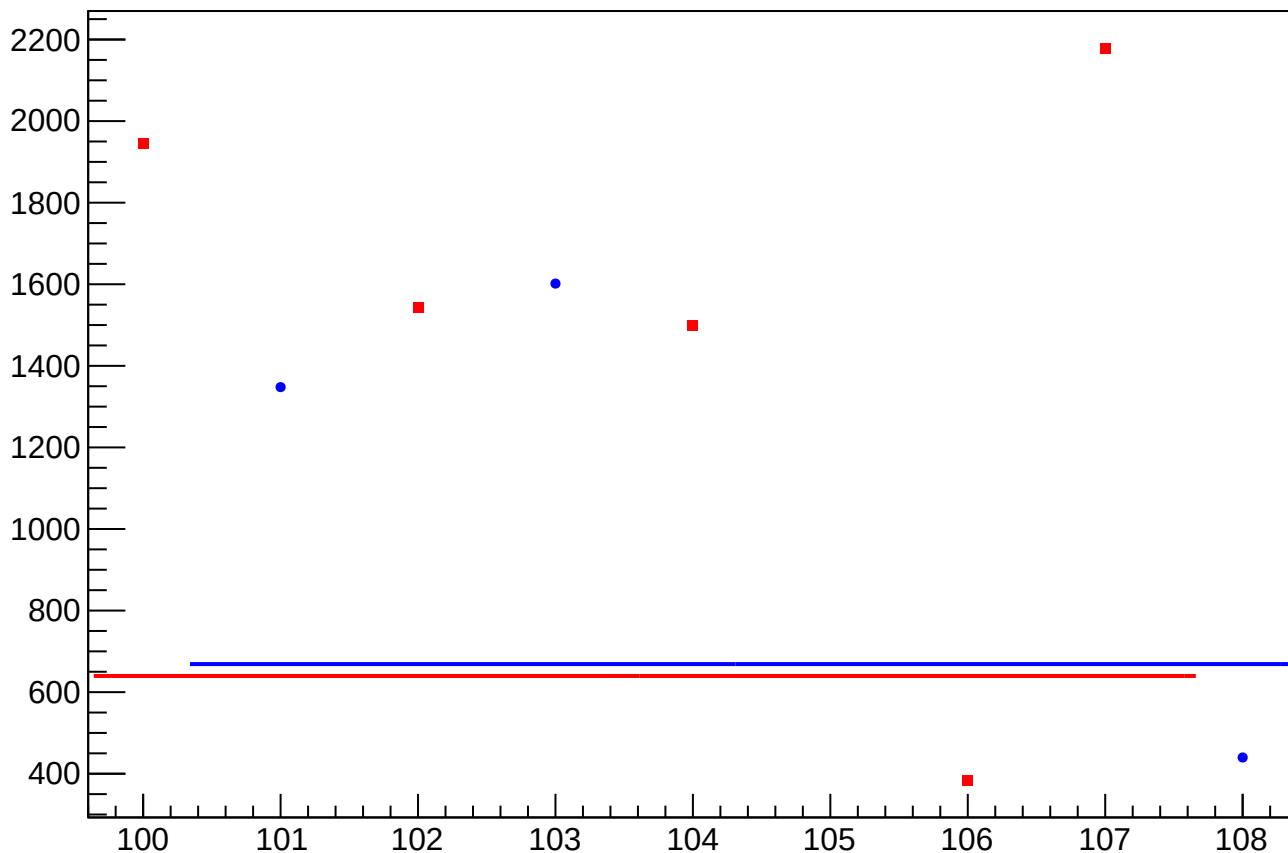
Right: 128.861+/-433.531 χ^2/NDF : 6.4/7

In: -162.856+/-617.012 χ^2/NDF : 1.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.861+/-433.531 χ^2/NDF : 6.4/7

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 668.783+/-0.436 χ^2/NDF : 955597.8/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 639.700+/-0.431 χ^2/NDF : 1365469.1/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

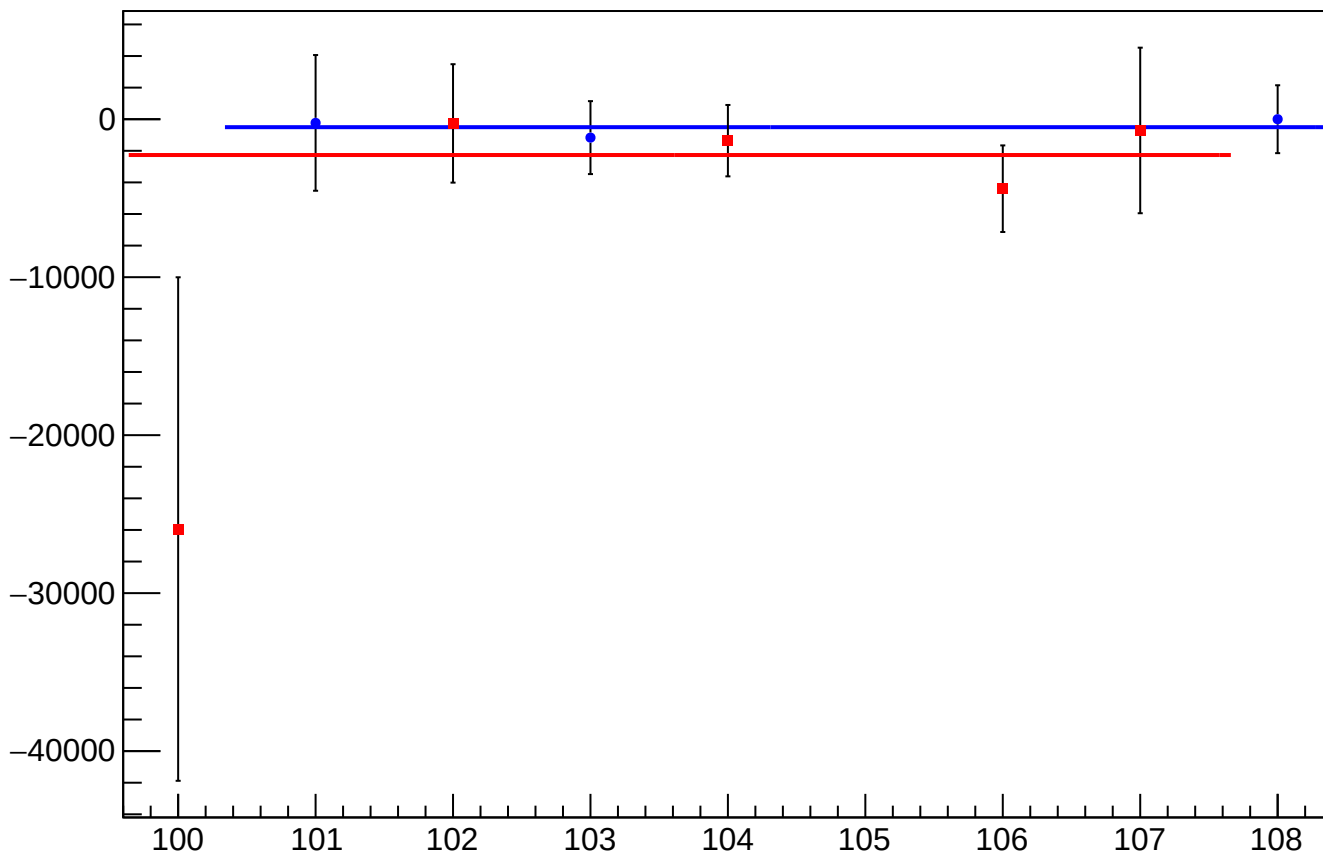
Right: 654.058+/-0.307 χ^2/NDF : 2323316.7/7

In: 668.783+/-0.436 χ^2/NDF :955597.8/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 654.058+/-0.307 χ^2/NDF : 2323316.7/7

asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -503.936+/-1477.059 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2266.627+/-1506.655 χ^2/NDF : 3.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

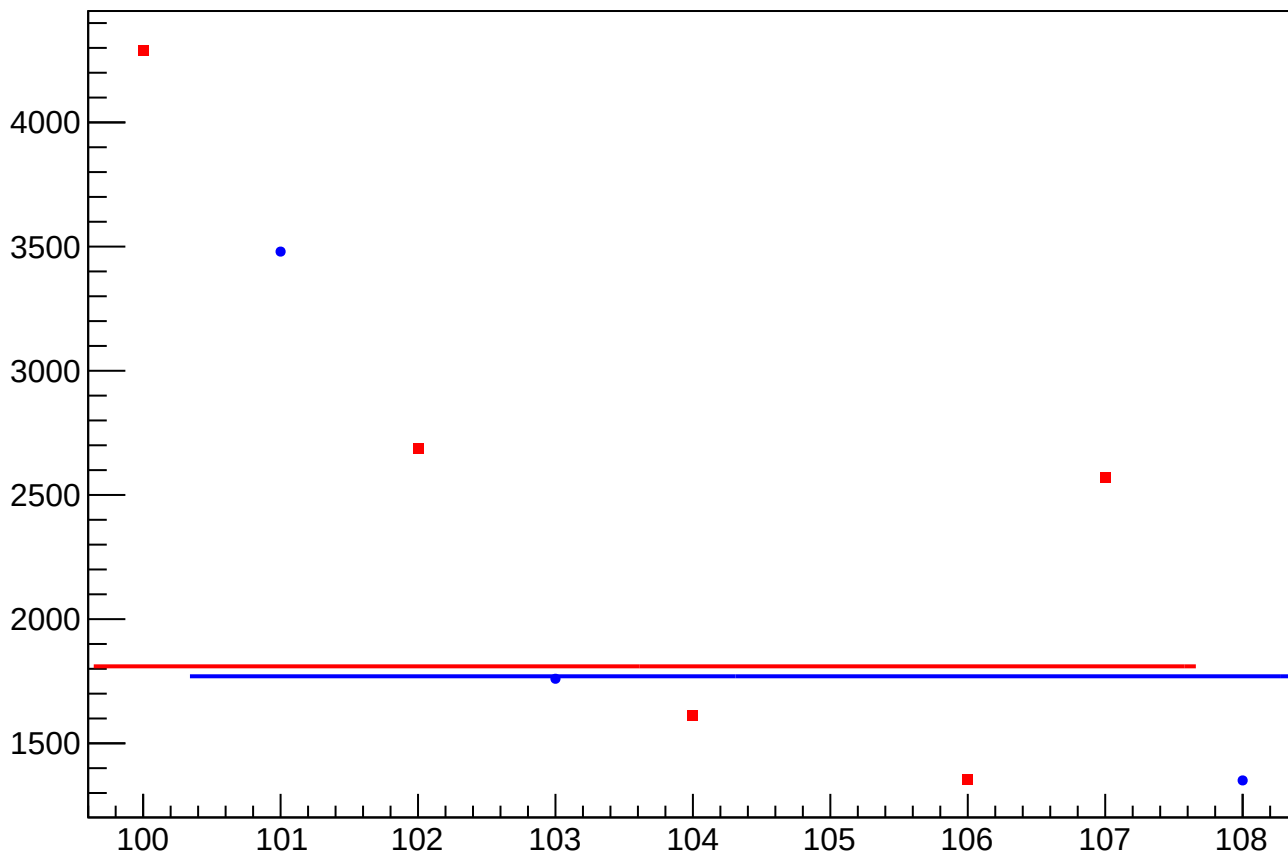
Right: -1367.798+/-1054.746 χ^2/NDF : 4.2/7

In: -503.936+/-1477.059 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1367.798+/-1054.746 χ^2/NDF : 4.2/7

asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1769.929+/-1.044 χ^2/NDF : 393111.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1809.984+/-1.065 χ^2/NDF : 271143.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

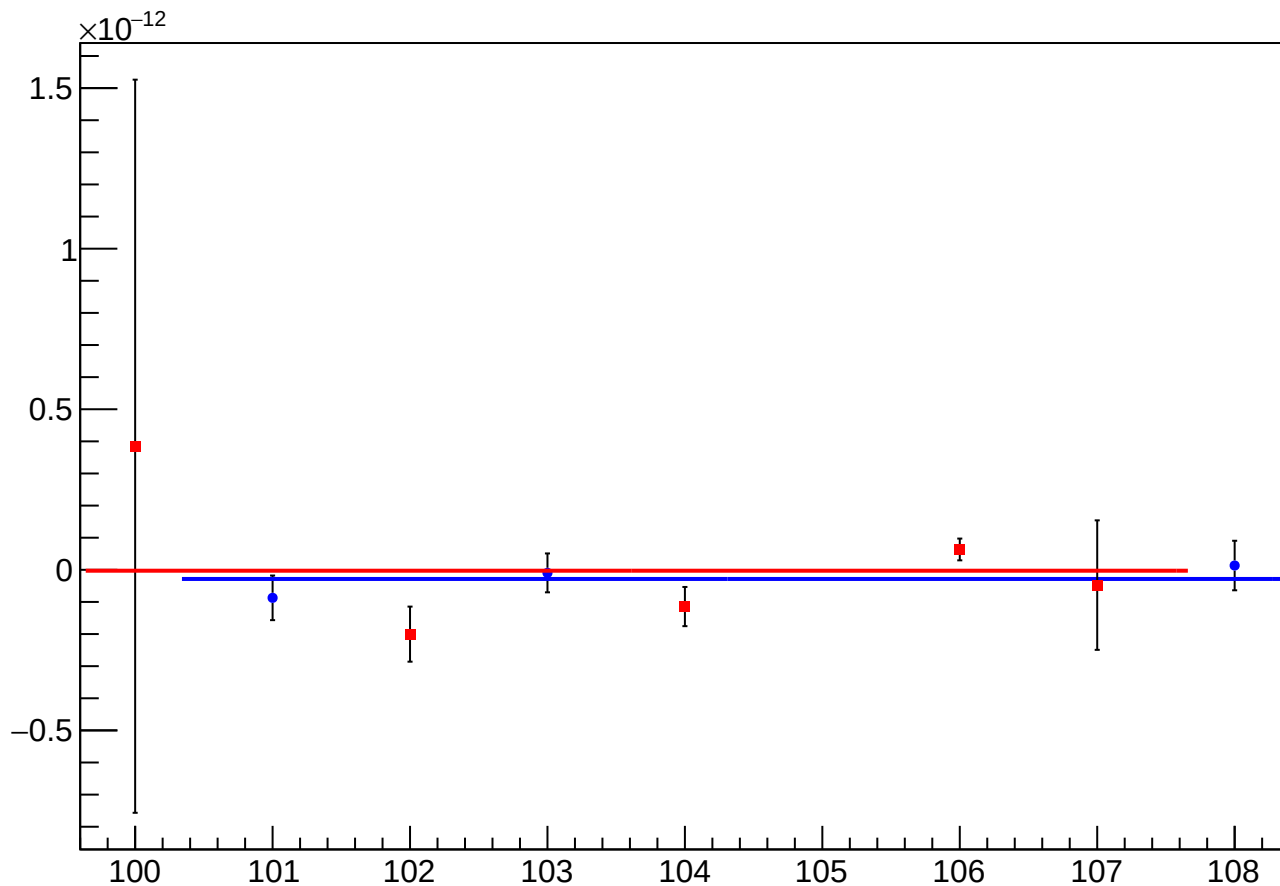
Right: 1789.559+/-0.746 χ^2/NDF : 664975.5/7

In: 1769.929+/-1.044 χ^2/NDF : 393111.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1789.559+/-0.746 χ^2/NDF : 664975.5/7

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

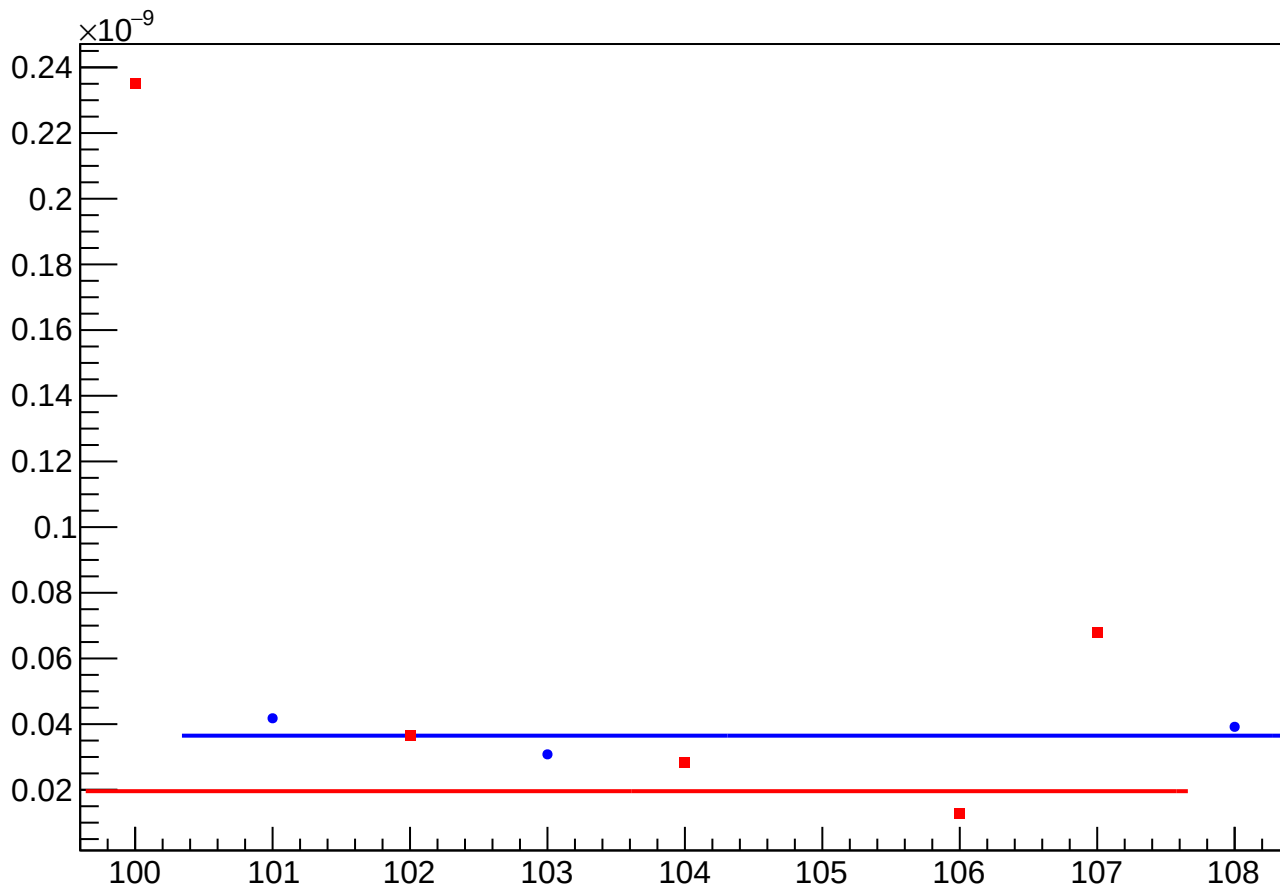
Right: -0.000+/-0.000 χ^2/NDF : 14.0/7

In: -0.000+/-0.000 χ^2/NDF : 1.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.0/7

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 31726.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 386565.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

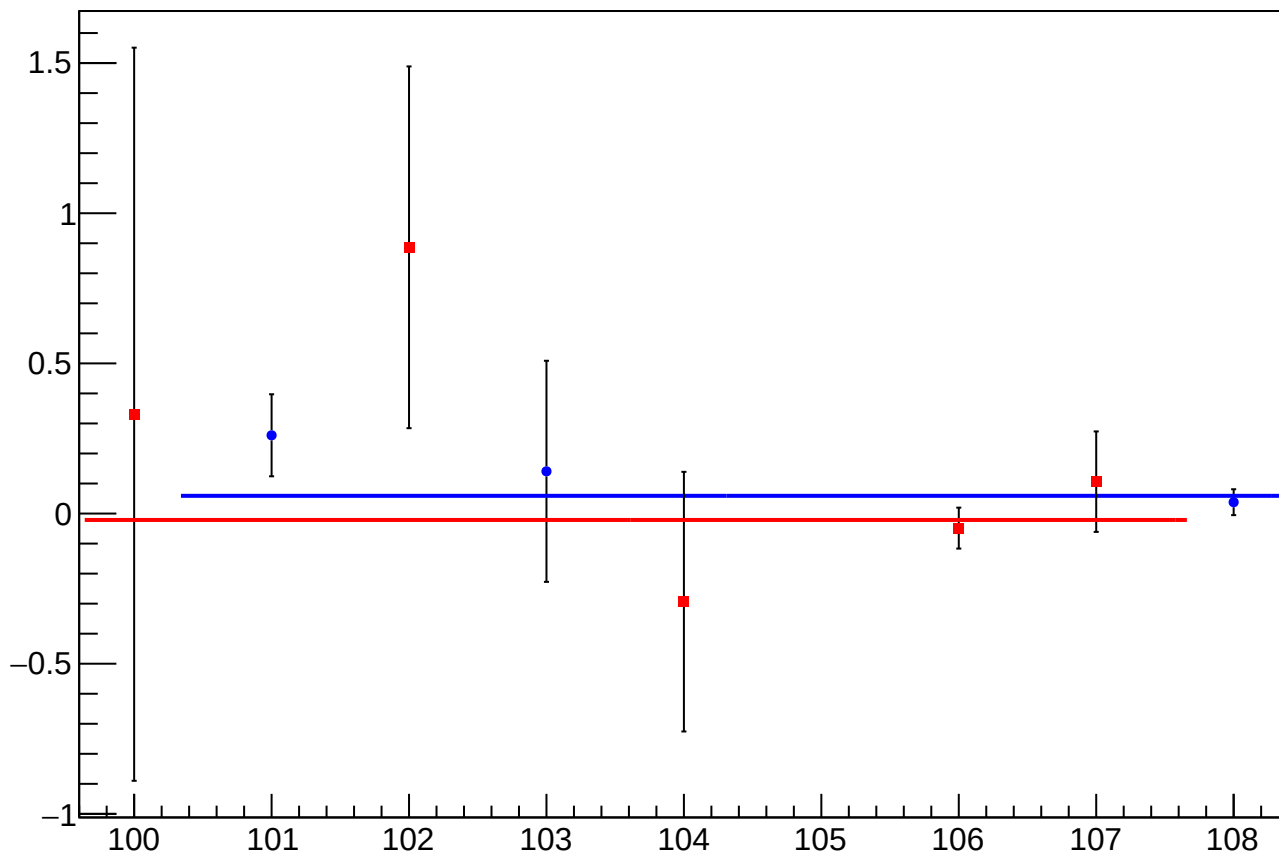
Right: 0.000+/-0.000 χ^2/NDF : 665596.3/7

In: 0.000+/-0.000 χ^2/NDF : 31726.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 665596.3/7

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.059 $\pm$ 0.041 χ^2 /NDF: 2.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.021 $\pm$ 0.062 χ^2 /NDF: 3.5/4

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

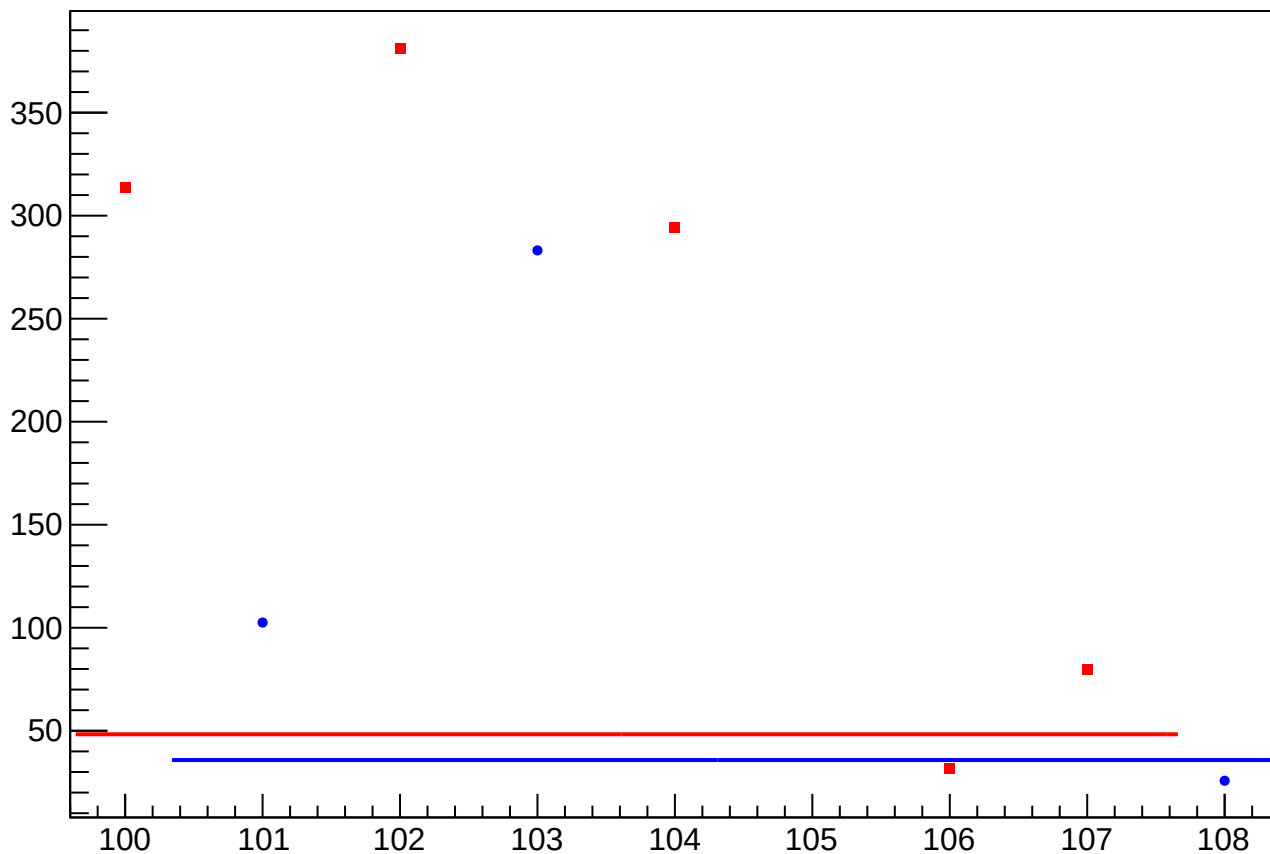
Right: 0.035 $\pm$ 0.034 χ^2 /NDF: 7.1/7

In: 0.059 $\pm$ 0.041 χ^2 /NDF:2.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.035 $\pm$ 0.034 χ^2 /NDF: 7.1/7

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.797+/-0.029 χ^2/NDF : 1489013.7/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 48.308+/-0.044 χ^2/NDF : 1539561.3/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

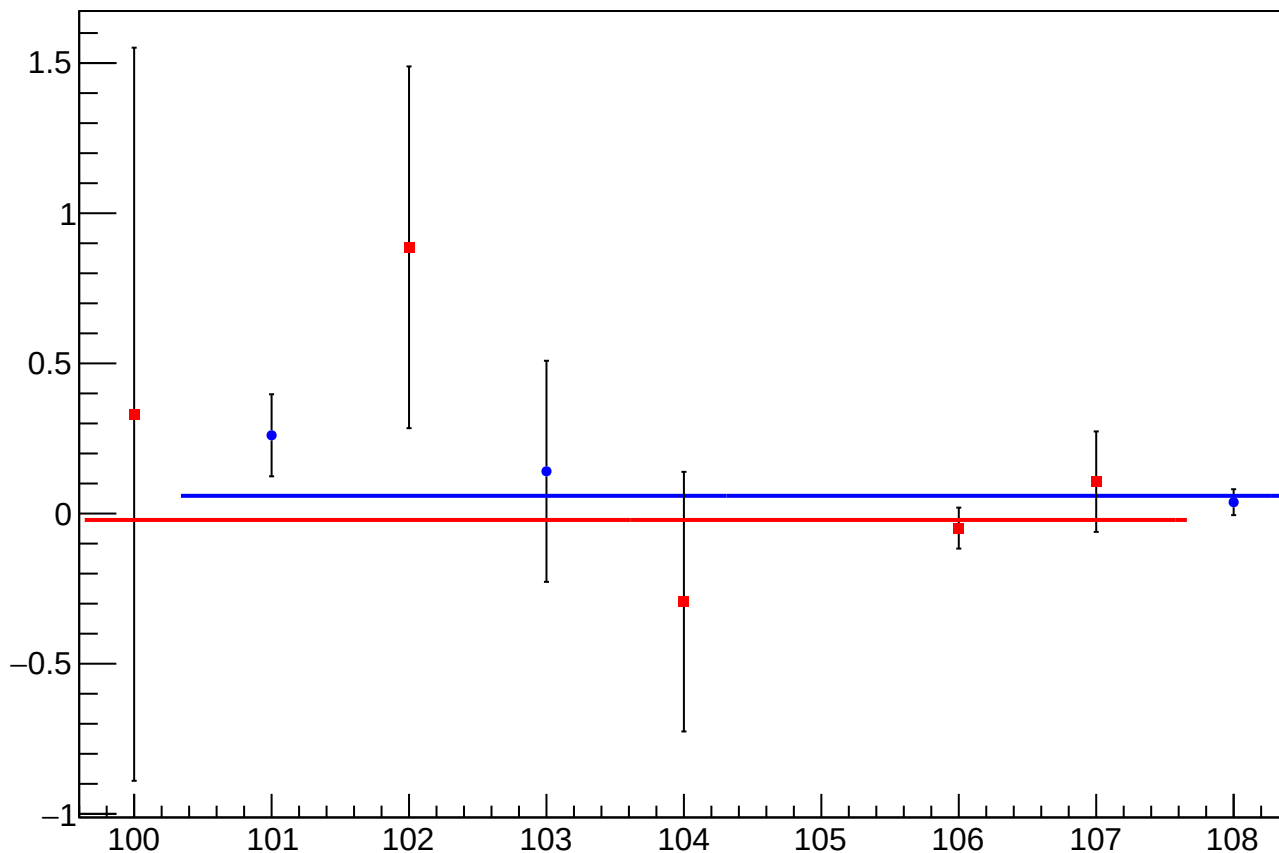
Right: 39.580+/-0.024 χ^2/NDF : 3085276.6/7

In: 35.797+/-0.029 χ^2/NDF :1489013.7/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 39.580+/-0.024 χ^2/NDF : 3085276.6/7

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.059 $\pm$ 0.041 χ^2 /NDF: 2.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.021 $\pm$ 0.062 χ^2 /NDF: 3.5/4

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

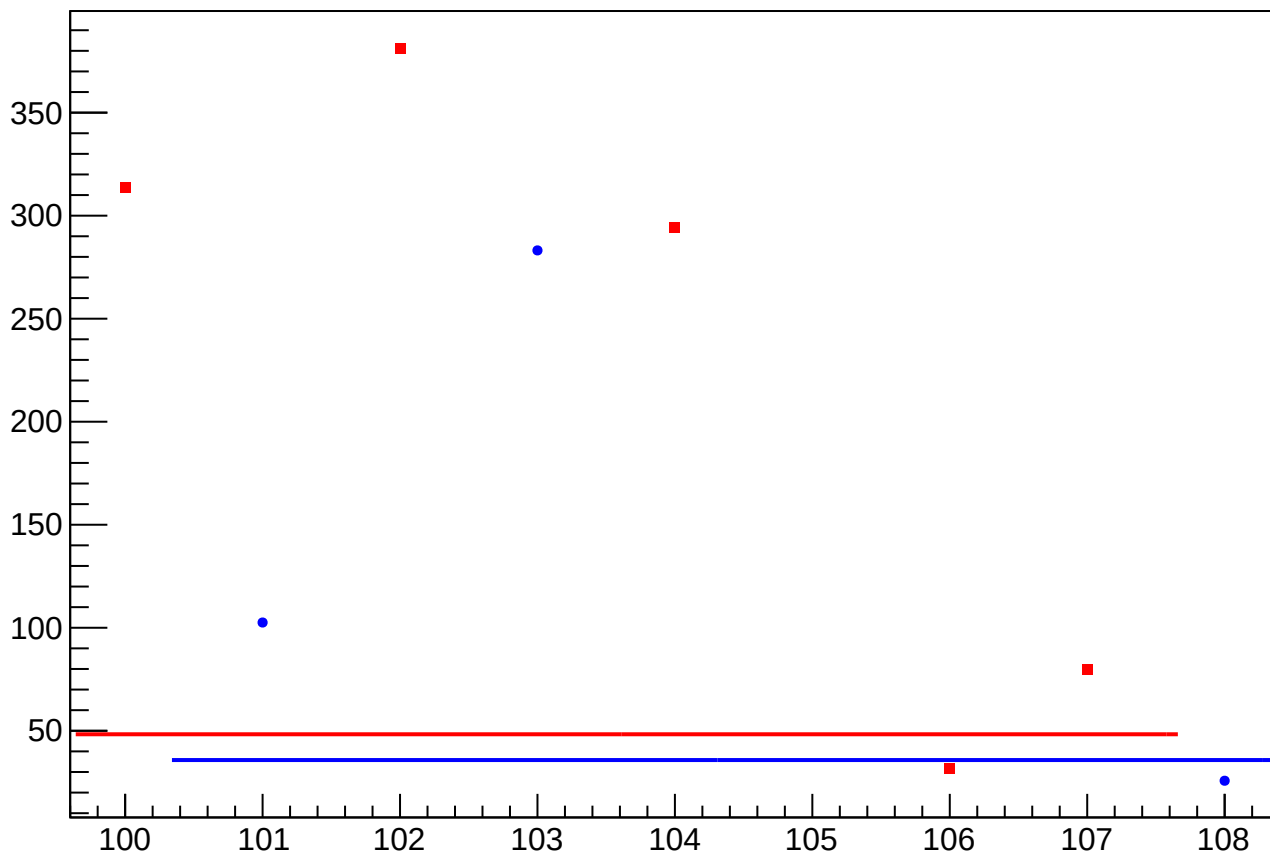
Right: 0.035 $\pm$ 0.034 χ^2 /NDF: 7.1/7

In: 0.059 $\pm$ 0.041 χ^2 /NDF: 2.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.035 $\pm$ 0.034 χ^2 /NDF: 7.1/7

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.797+/-0.029 χ^2/NDF : 1489013.7/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 48.308+/-0.044 χ^2/NDF : 1539561.3/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

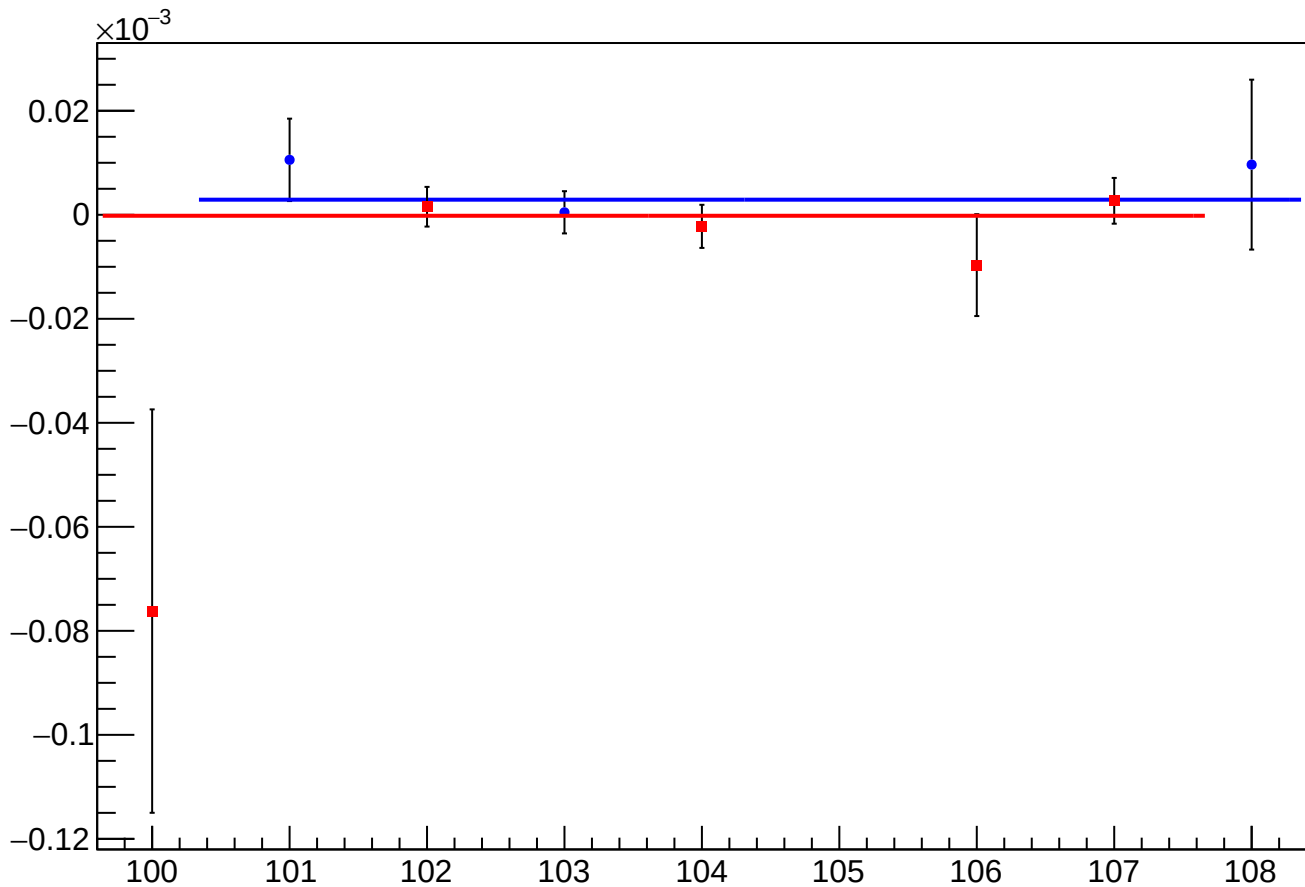
Right: 39.580+/-0.024 χ^2/NDF : 3085276.6/7

In: 35.797+/-0.029 χ^2/NDF :1489013.7/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 39.580+/-0.024 χ^2/NDF : 3085276.6/7

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 : 1.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

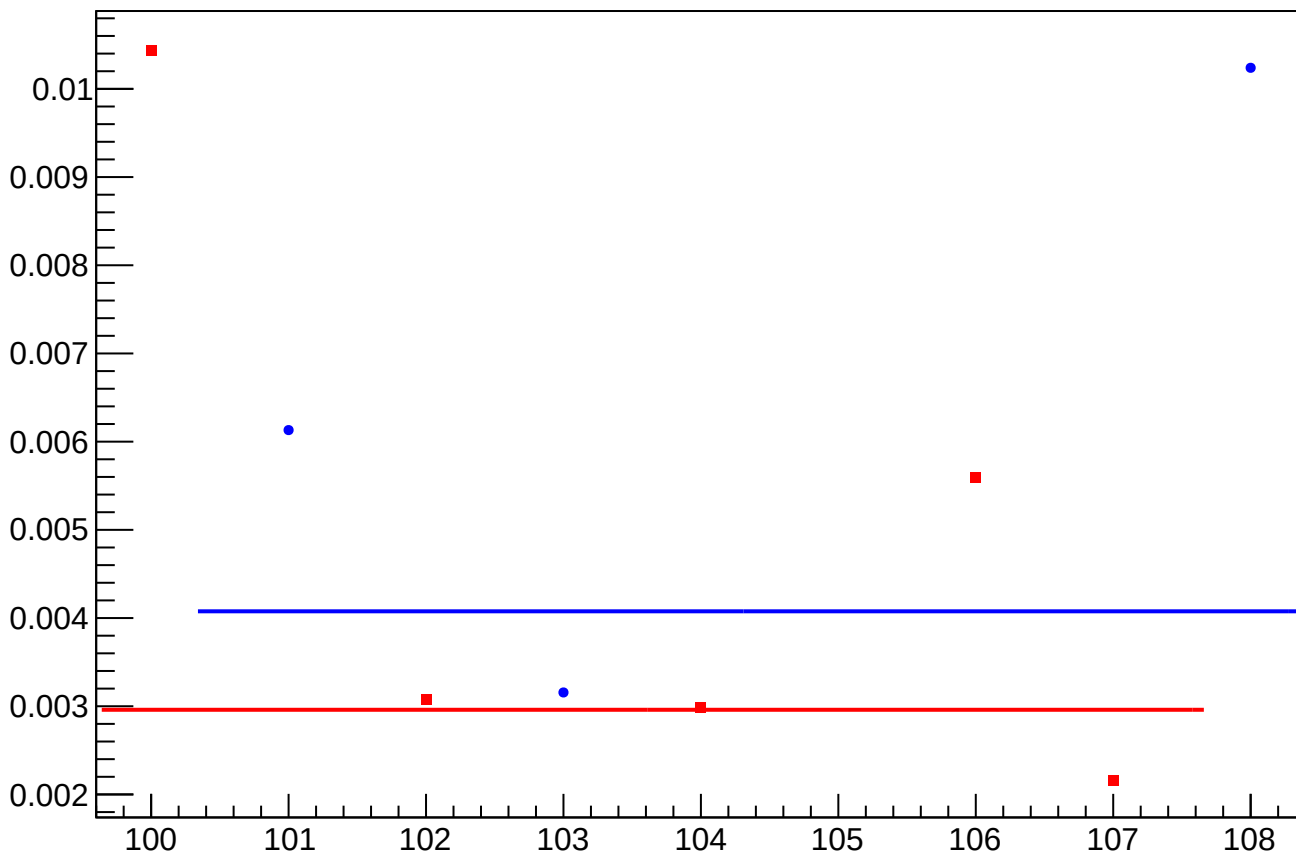
Right: 0.000+/-0.000 χ^2/NDF : 7.7/7

In: 0.000+/-0.000 χ^2/NDF : 1.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.7/7

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 521789.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 286718.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

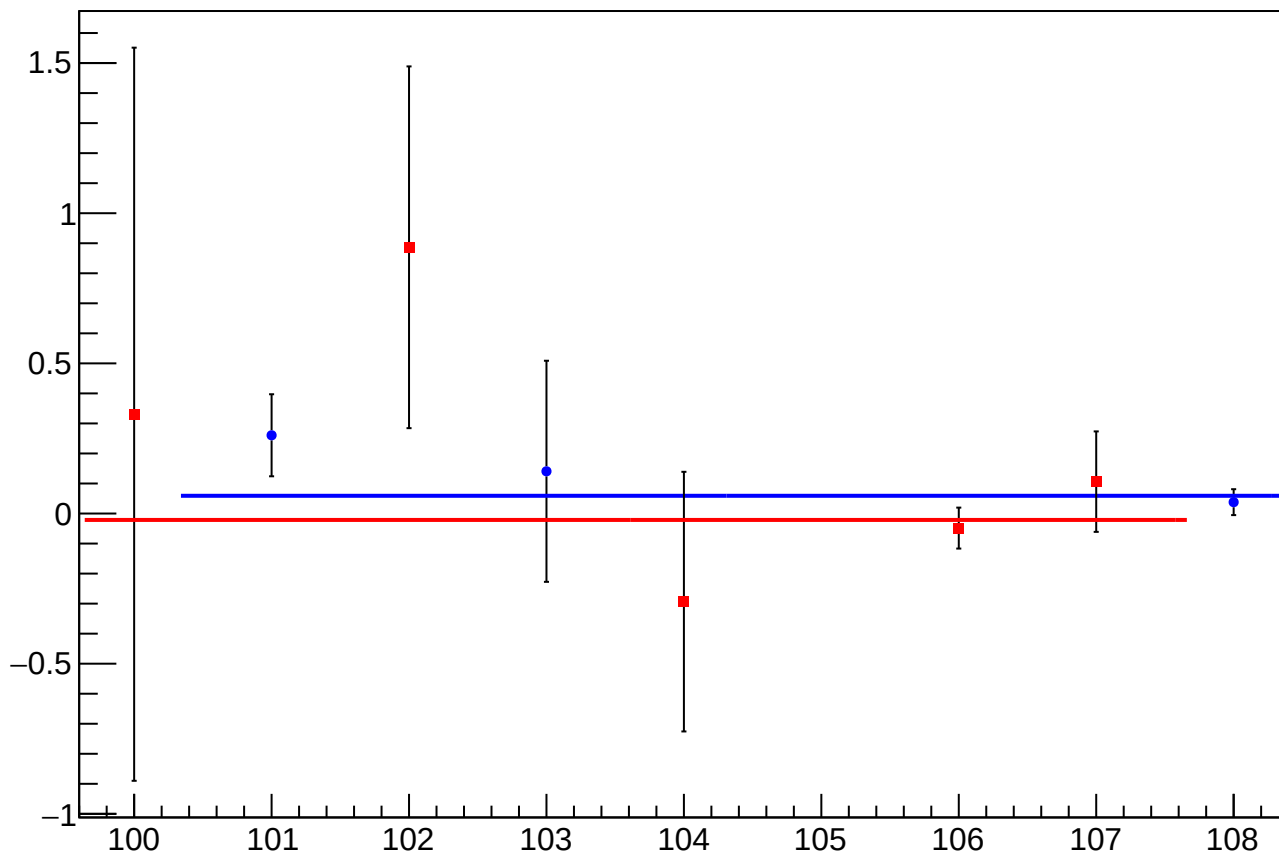
Right: 0.003+/-0.000 χ^2/NDF : 949196.1/7

In: 0.004+/-0.000 χ^2/NDF : 521789.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 949196.1/7

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.059+/-0.041 χ^2/NDF : 2.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.021+/-0.062 χ^2/NDF : 3.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

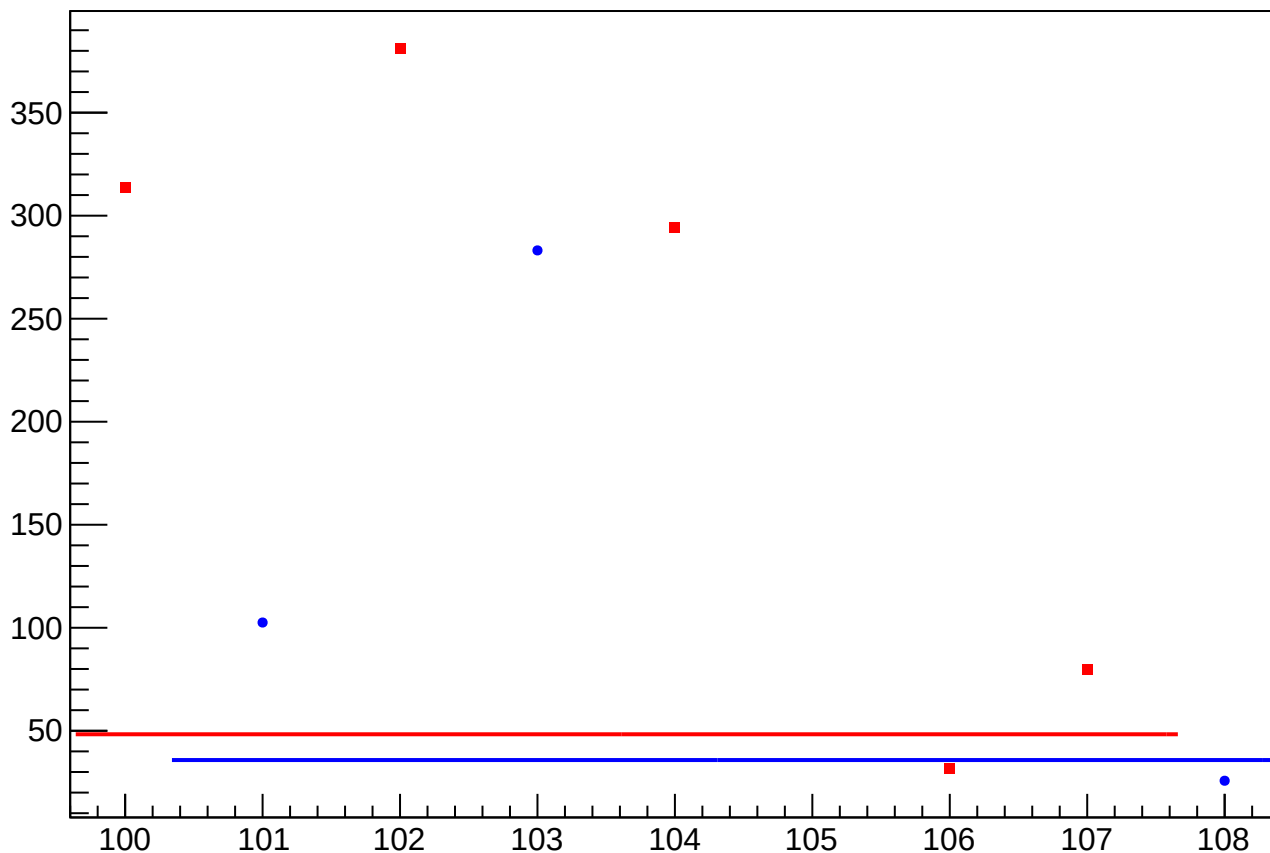
Right: 0.035+/-0.034 χ^2/NDF : 7.1/7

In: 0.059+/-0.041 χ^2/NDF : 2.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.035+/-0.034 χ^2/NDF : 7.1/7

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.802+/-0.029 χ^2/NDF : 1488932.1/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 48.310+/-0.044 χ^2/NDF : 1539533.6/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

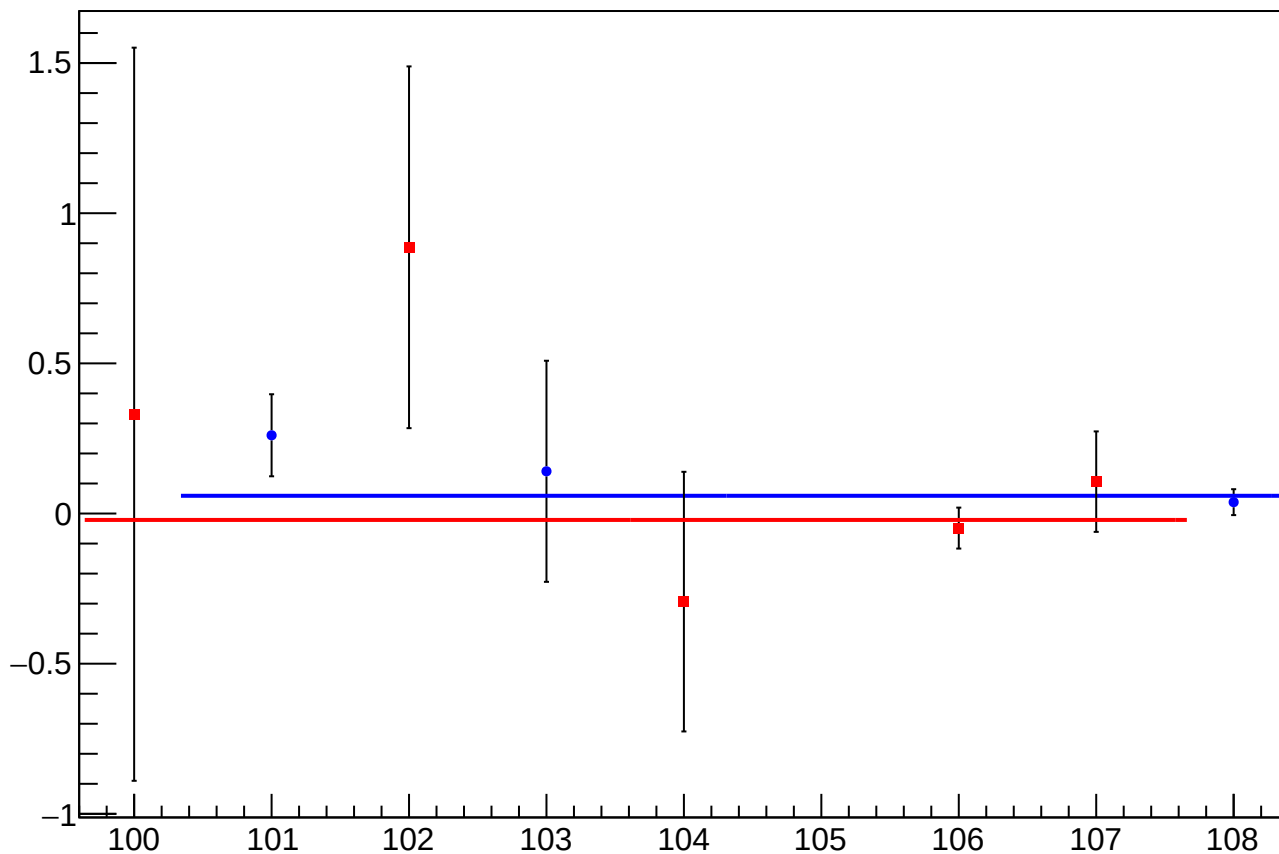
Right: 39.585+/-0.024 χ^2/NDF : 3085140.2/7

In: 35.802+/-0.029 χ^2/NDF :1488932.1/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 39.585+/-0.024 χ^2/NDF : 3085140.2/7

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.059 $\pm$ 0.041 χ^2 /NDF: 2.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.021 $\pm$ 0.062 χ^2 /NDF: 3.5/4

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

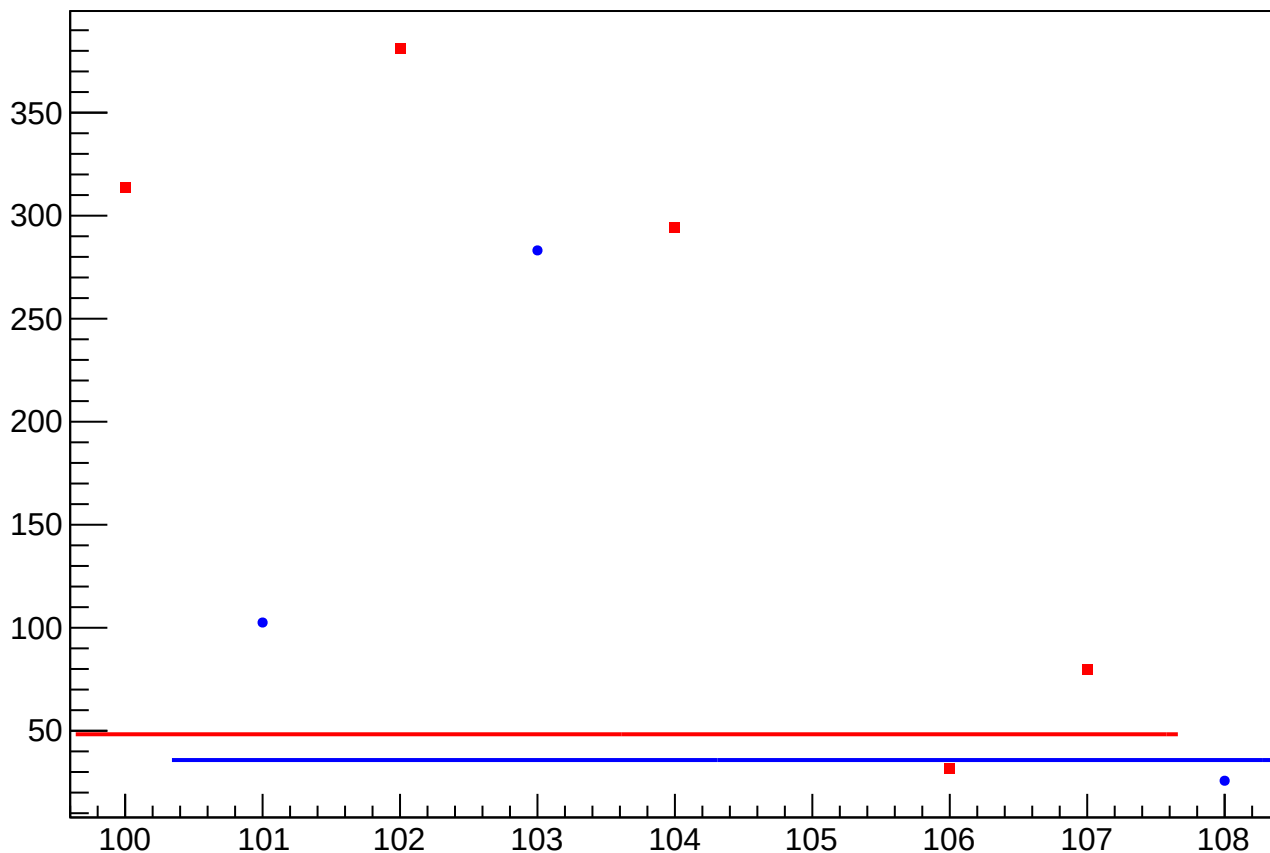
Right: 0.035 $\pm$ 0.034 χ^2 /NDF: 7.1/7

In: 0.059 $\pm$ 0.041 χ^2 /NDF: 2.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.035 $\pm$ 0.034 χ^2 /NDF: 7.1/7

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.802+/-0.029 χ^2/NDF : 1488932.1/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 48.310+/-0.044 χ^2/NDF : 1539533.6/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

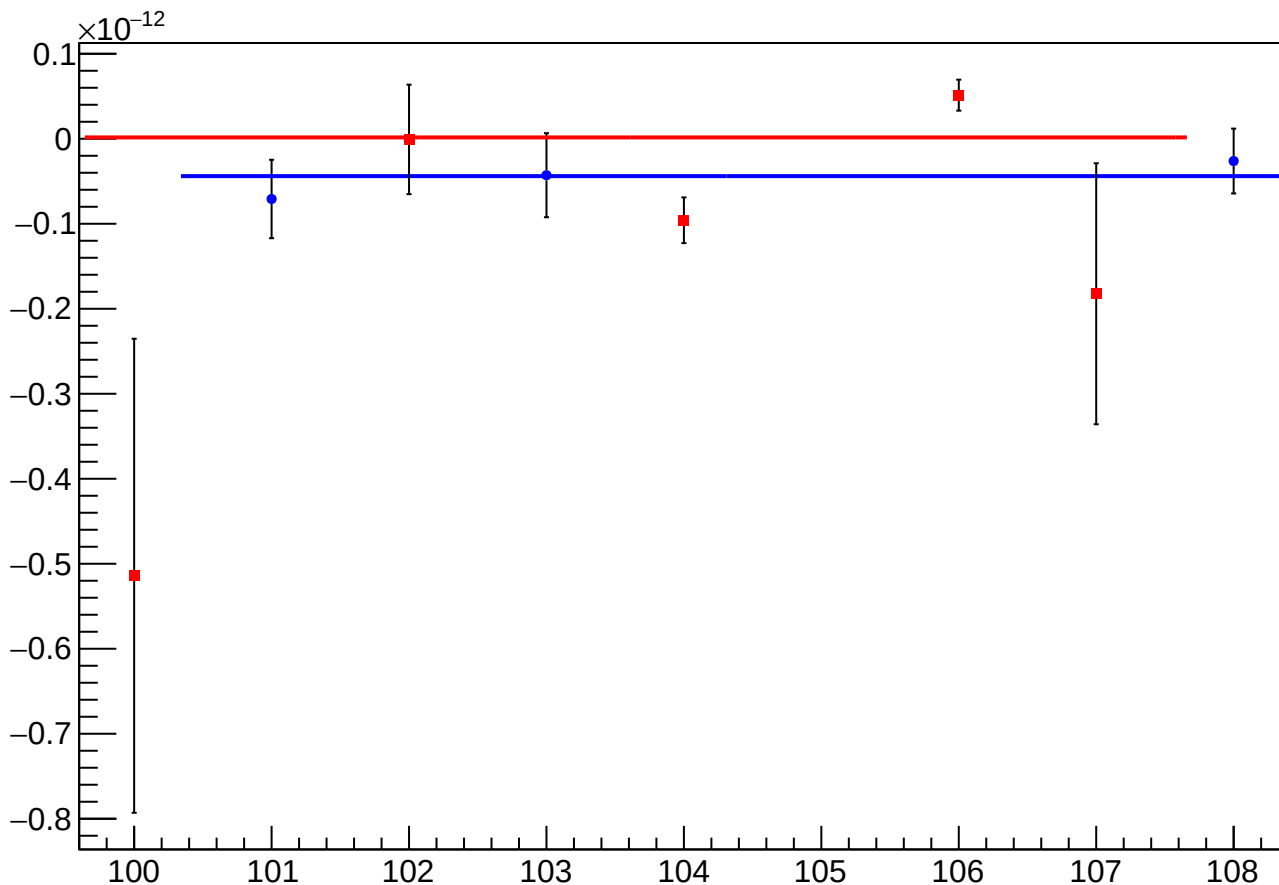
Right: 39.585+/-0.024 χ^2/NDF : 3085140.2/7

In: 35.802+/-0.029 χ^2/NDF :1488932.1/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 39.585+/-0.024 χ^2/NDF : 3085140.2/7

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: 0.6/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 25.4/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

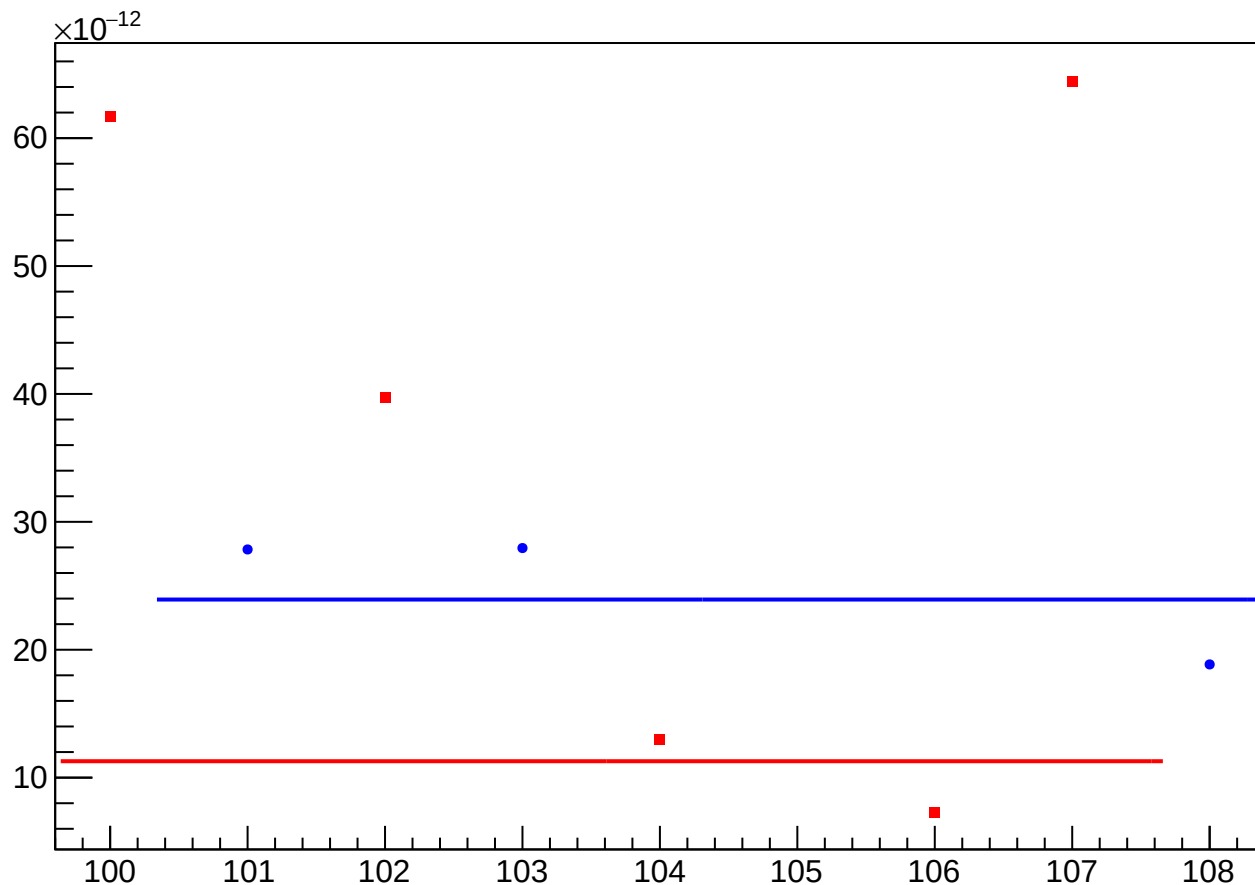
Right: -0.000+/-0.000 χ^2 /NDF: 28.4/7

In: -0.000+/-0.000 χ^2 /NDF:0.6/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 28.4/7

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 : 63037.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 801140.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

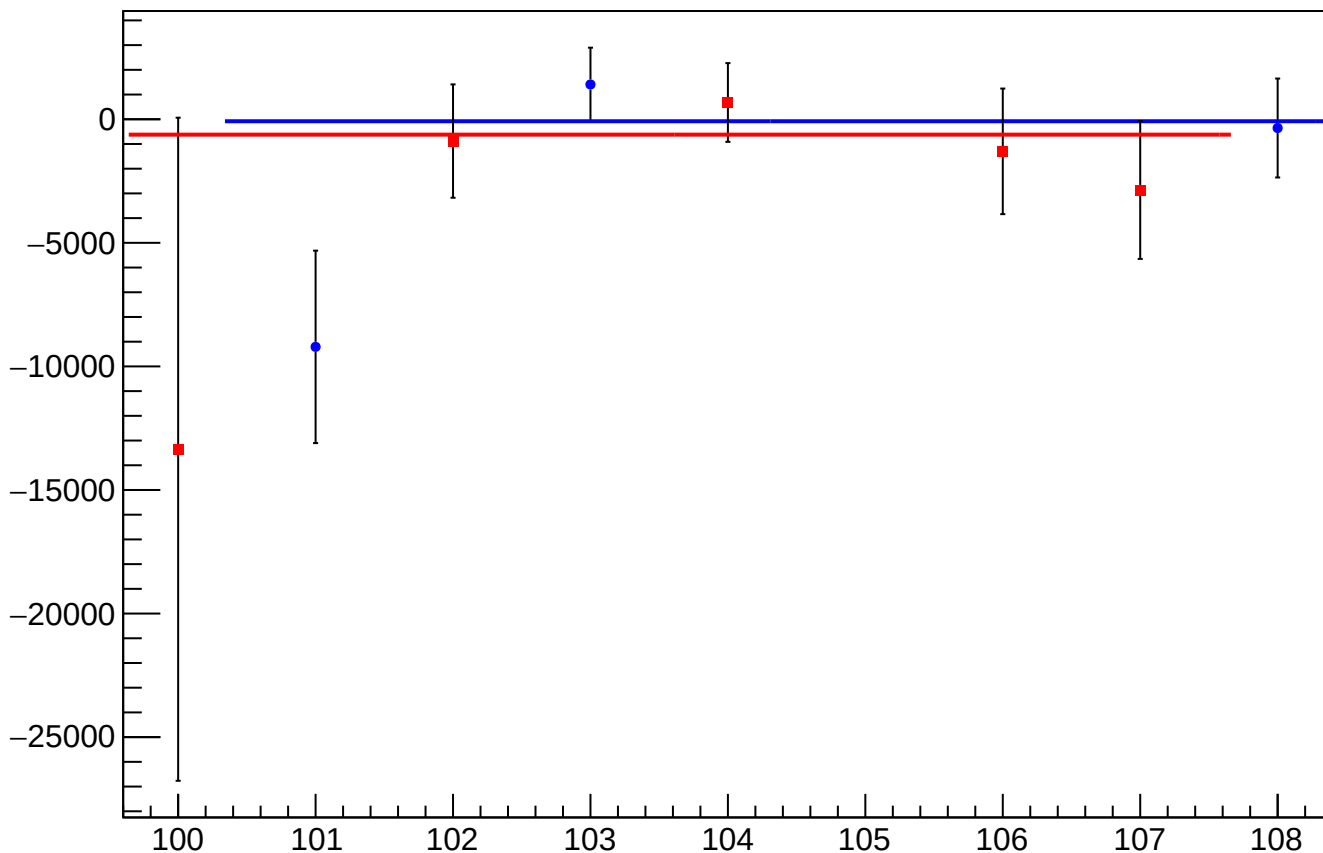
Right: 0.000+/-0.000 χ^2/NDF : 1239369.1/7

In: 0.000+/-0.000 χ^2/NDF : 63037.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1239369.1/7

reg_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: -80.507+/-1142.288 χ^2/NDF : 6.5/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -622.730+/-1070.007 χ^2/NDF : 2.3/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

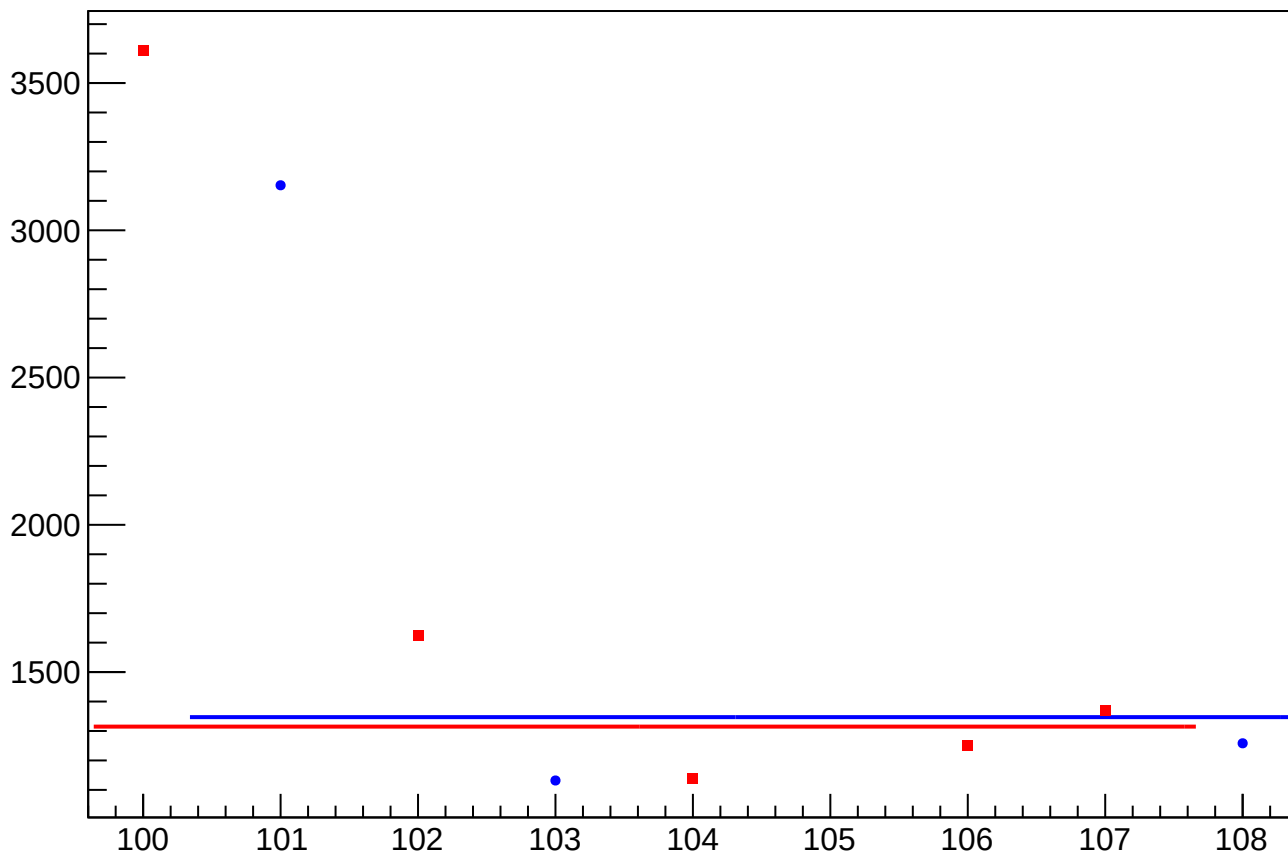
Right: -369.315+/-780.913 χ^2/NDF : 8.9/7

In: -80.507+/-1142.288 χ^2/NDF :6.5/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -369.315+/-780.913 χ^2/NDF : 8.9/7

reg_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1347.039+/-0.808 χ^2/NDF : 475984.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1314.855+/-0.757 χ^2/NDF : 120997.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

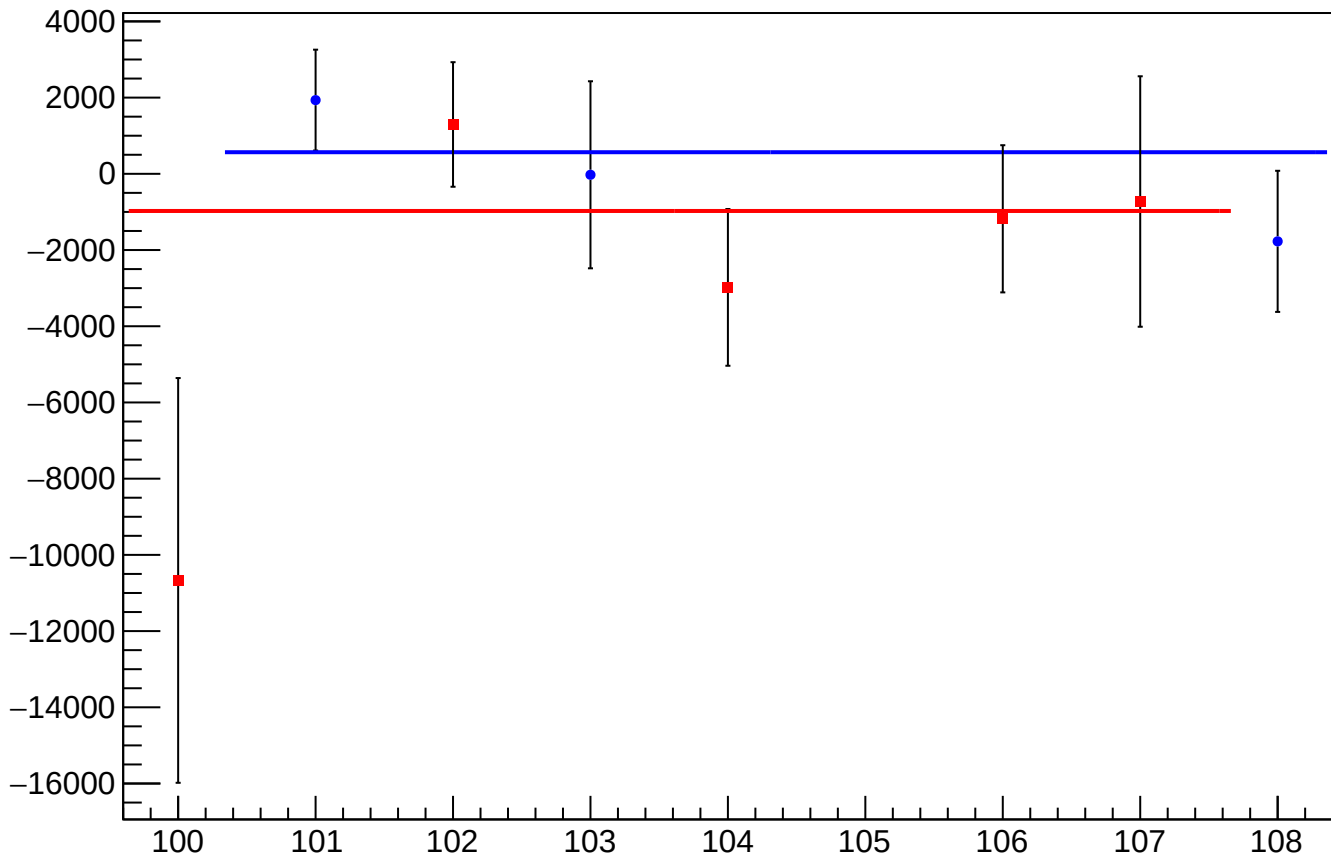
Right: 1329.896+/-0.552 χ^2/NDF : 597827.7/7

In: 1347.039+/-0.808 χ^2/NDF : 475984.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1329.896+/-0.552 χ^2/NDF : 597827.7/7

asym_at1_dd_at2_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 566.989+/-986.038 χ^2/NDF : 2.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -975.082+/-996.549 χ^2/NDF : 6.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

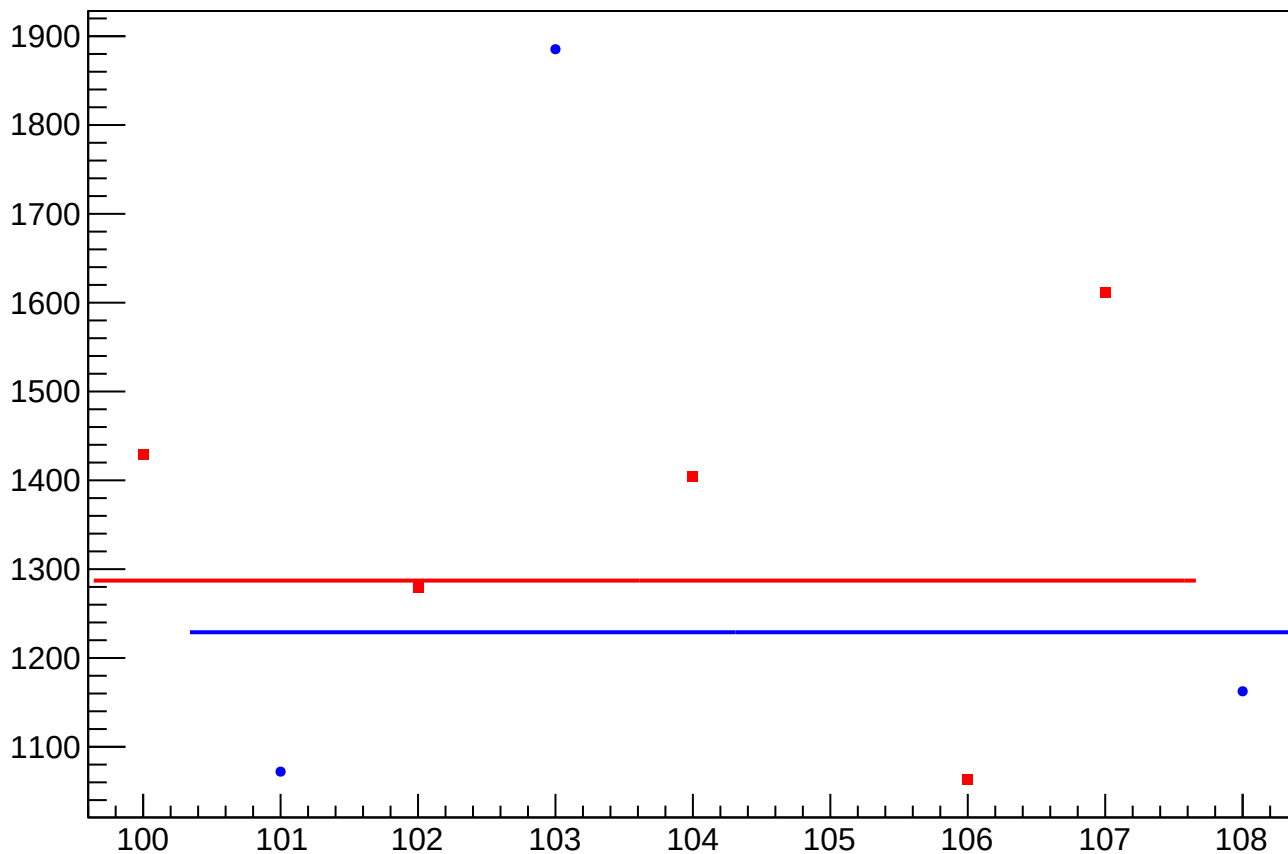
Right: -195.872+/-700.921 χ^2/NDF : 10.2/7

In: 566.989+/-986.038 χ^2/NDF : 2.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -195.872+/-700.921 χ^2/NDF : 10.2/7

asym_at1_dd_at2_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1228.967 $\pm$ 0.697 χ^2 /NDF: 173716.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1287.123 $\pm$ 0.705 χ^2 /NDF: 54354.8/4

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

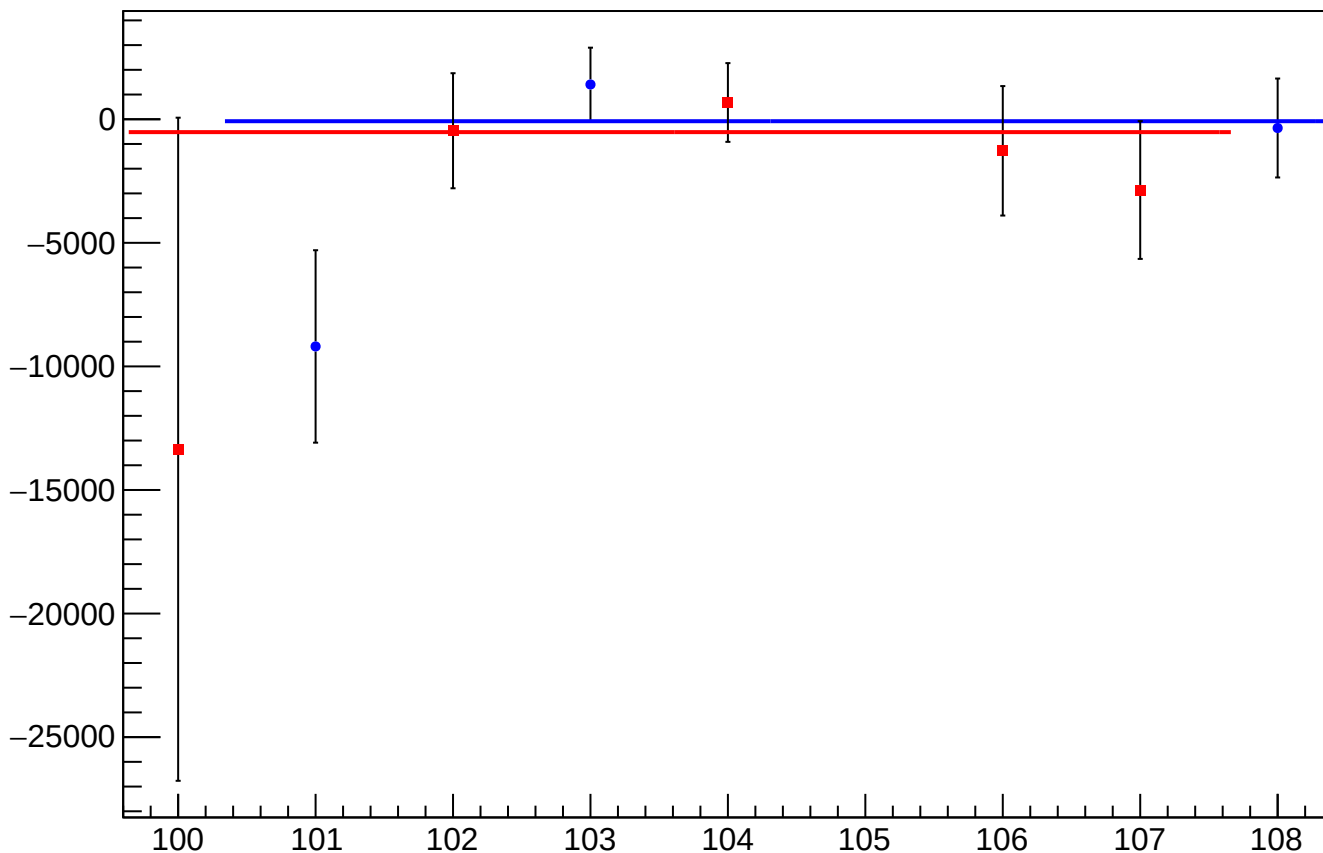
Right: 1257.737 $\pm$ 0.496 χ^2 /NDF: 231513.4/7

In: 1228.967 $\pm$ 0.697 χ^2 /NDF: 173716.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1257.737 $\pm$ 0.496 χ^2 /NDF: 231513.4/7

cor_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: -79.009 ± 1142.289 χ^2/NDF : 6.5/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -520.704 ± 1079.124 χ^2/NDF : 2.3/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

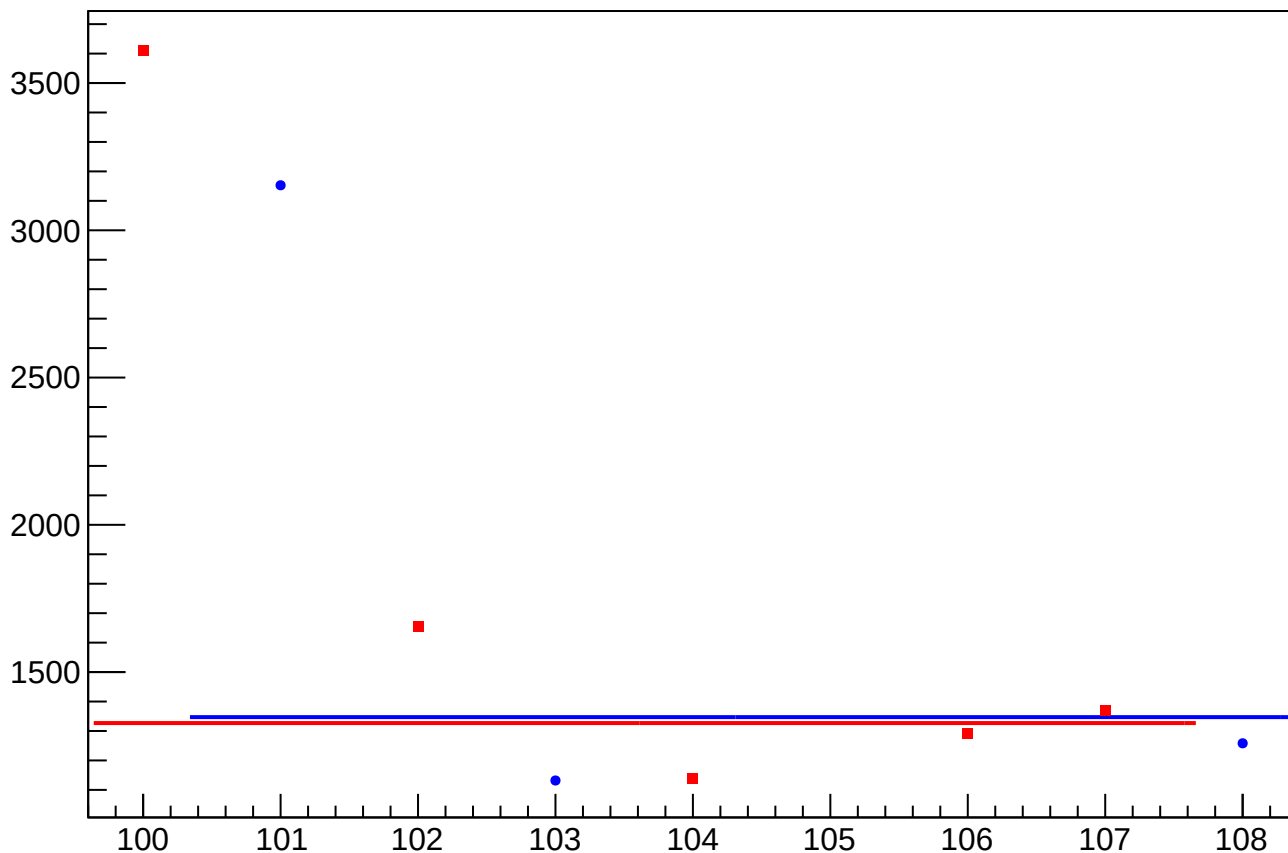
Right: -312.406 ± 784.436 χ^2/NDF : 8.8/7

In: -79.009 ± 1142.289 χ^2/NDF : 6.5/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -312.406 ± 784.436 χ^2/NDF : 8.8/7

cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1347.038+/-0.808 χ^2/NDF : 475986.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1326.917+/-0.763 χ^2/NDF : 126133.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

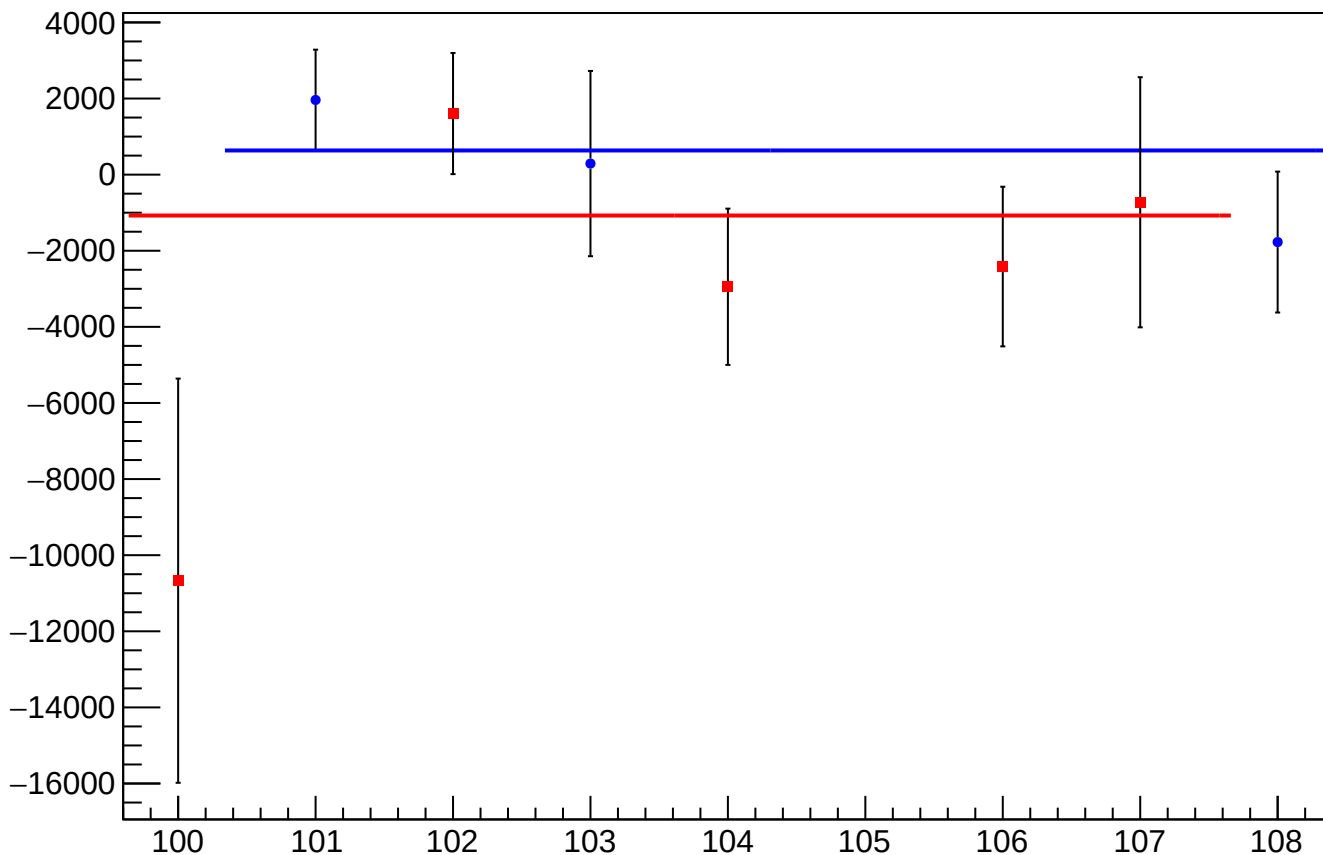
Right: 1336.406+/-0.555 χ^2/NDF : 602447.8/7

In: 1347.038+/-0.808 χ^2/NDF : 475986.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1336.406+/-0.555 χ^2/NDF : 602447.8/7

asym_at1_dd_at2_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 634.948+/-983.854 χ^2/NDF : 2.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1073.988+/-1006.581 χ^2/NDF : 7.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

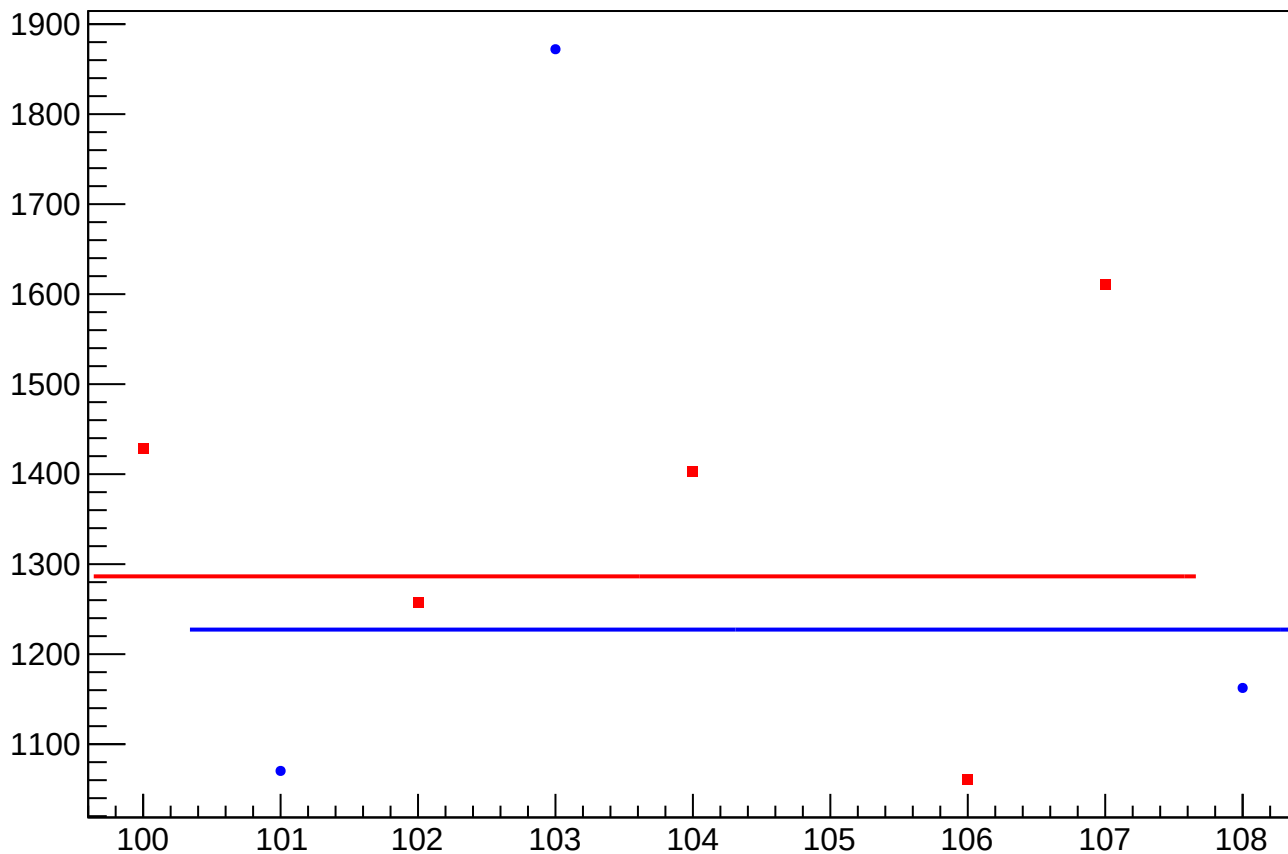
Right: -200.010+/-703.587 χ^2/NDF : 11.5/7

In: 634.948+/-983.854 χ^2/NDF : 2.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -200.010+/-703.587 χ^2/NDF : 11.5/7

asym_at1_dd_at2_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1227.299+/-0.696 χ^2/NDF : 171033.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1286.440+/-0.712 χ^2/NDF : 51236.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

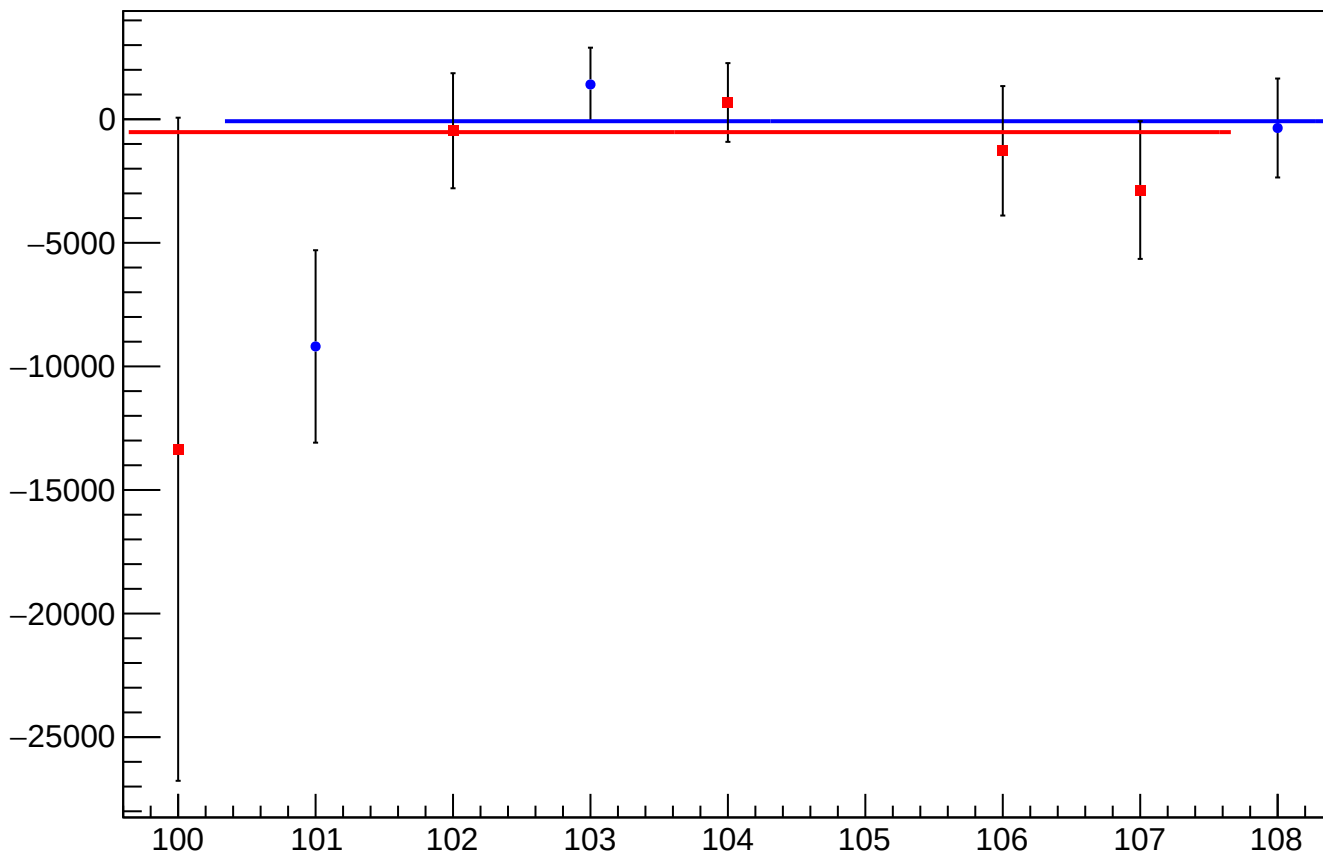
Right: 1256.194+/-0.498 χ^2/NDF : 225800.5/7

In: 1227.299+/-0.696 χ^2/NDF : 171033.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1256.194+/-0.498 χ^2/NDF : 225800.5/7

eigen_cor_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: -79.009+/-1142.289 χ^2 /NDF: 6.5/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -520.704+/-1079.124 χ^2 /NDF: 2.3/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

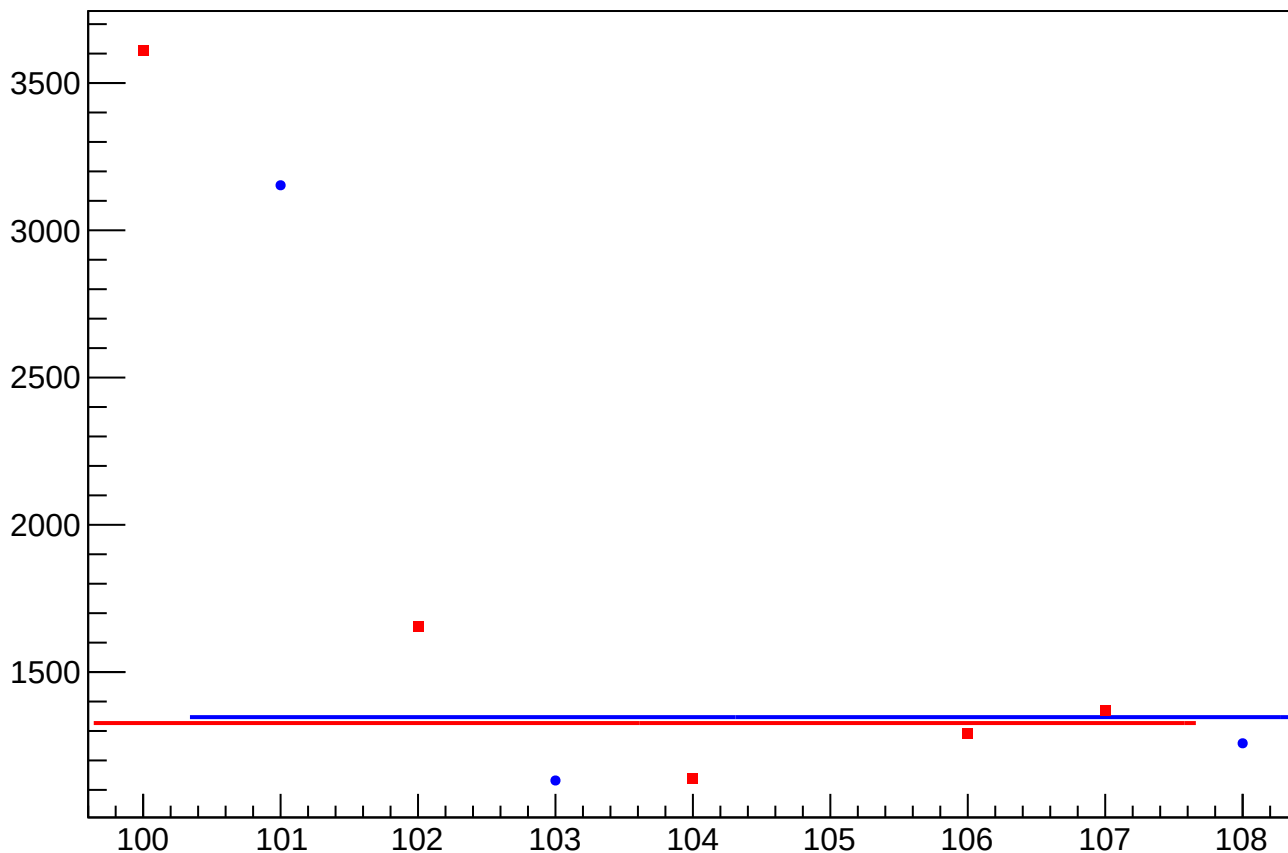
Right: -312.406+/-784.436 χ^2 /NDF: 8.8/7

In: -79.009+/-1142.289 χ^2 /NDF:6.5/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -312.406+/-784.436 χ^2 /NDF: 8.8/7

eigen_cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1347.038+/-0.808 χ^2/NDF : 475986.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1326.917+/-0.763 χ^2/NDF : 126133.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

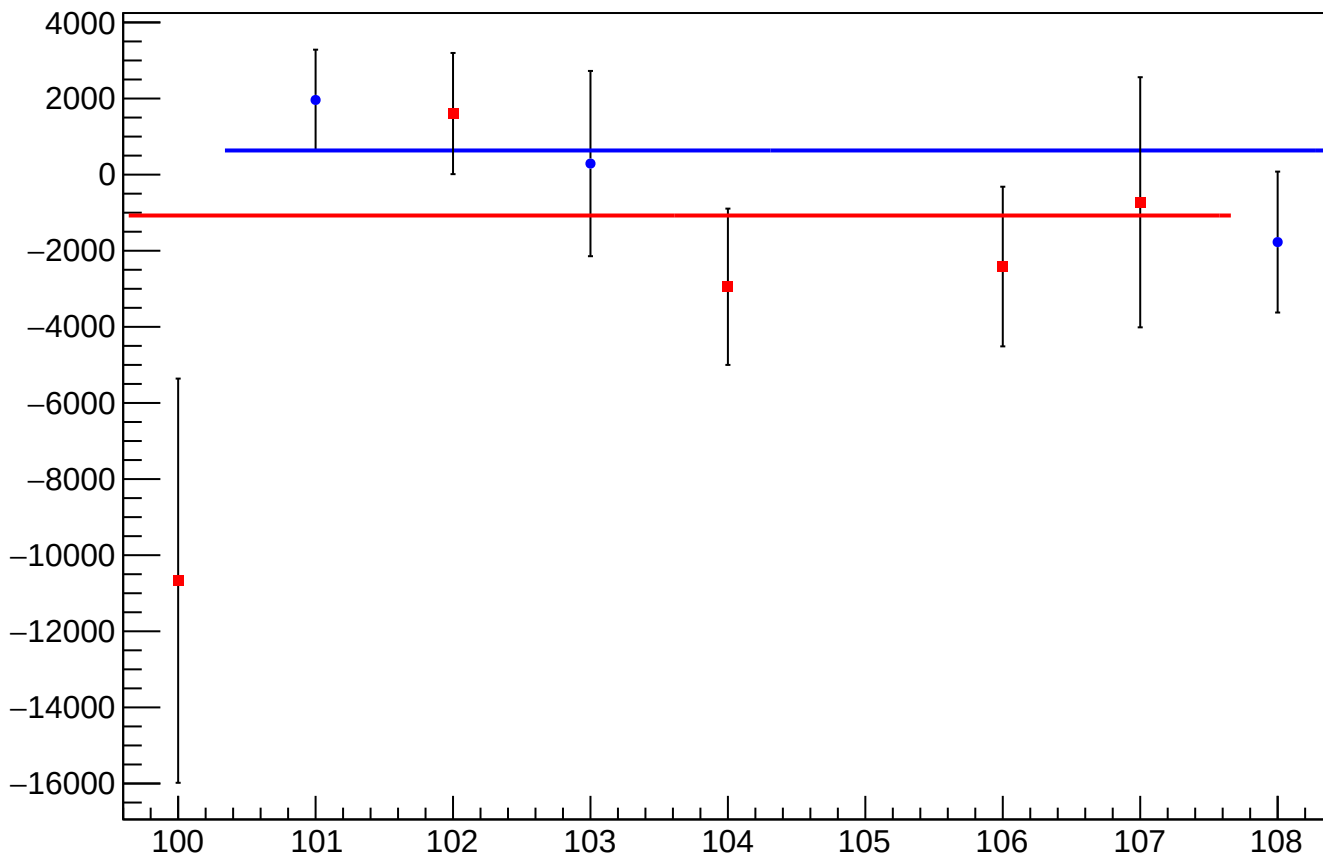
Right: 1336.406+/-0.555 χ^2/NDF : 602447.8/7

In: 1347.038+/-0.808 χ^2/NDF : 475986.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1336.406+/-0.555 χ^2/NDF : 602447.8/7

asym_at1_dd_at2_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 634.948+/-983.854 χ^2/NDF : 2.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1073.988+/-1006.581 χ^2/NDF : 7.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

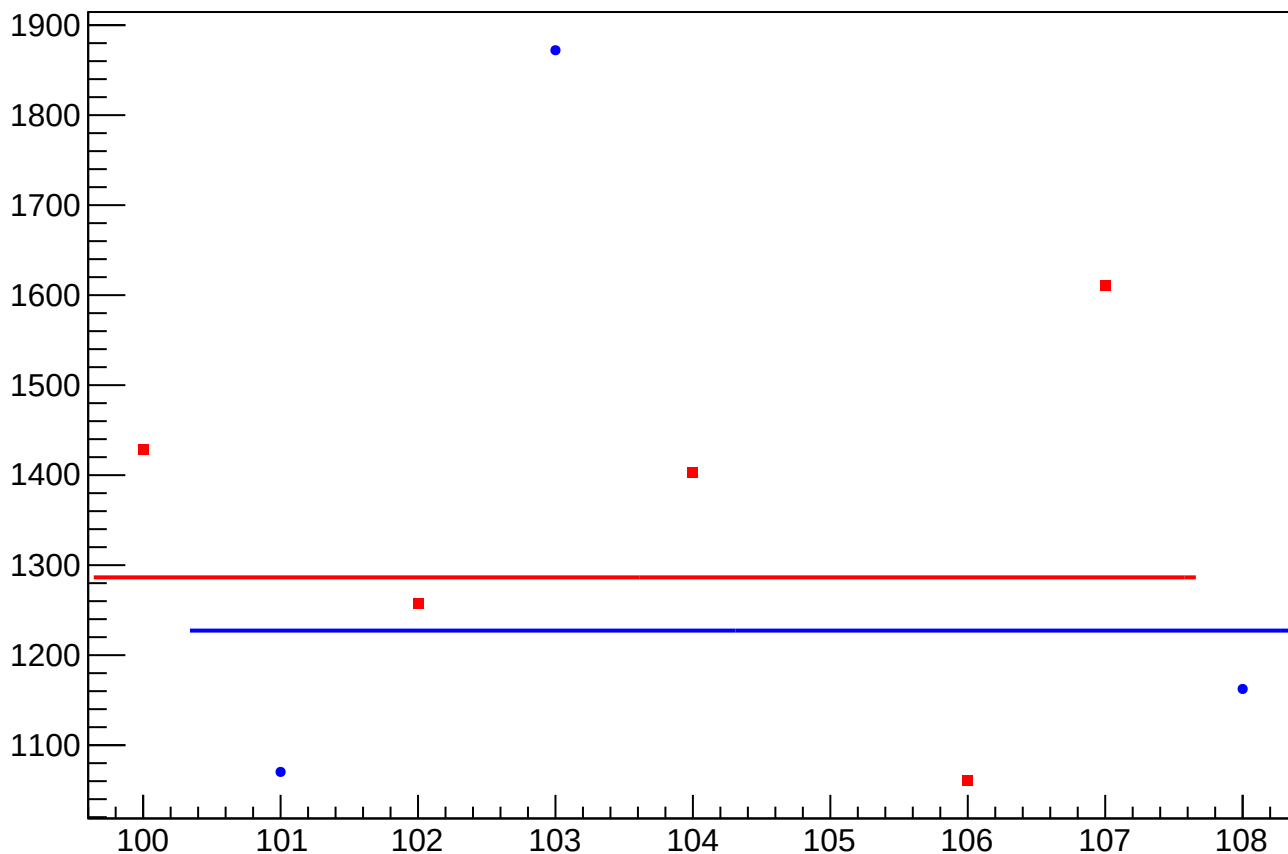
Right: -200.010+/-703.587 χ^2/NDF : 11.5/7

In: 634.948+/-983.854 χ^2/NDF : 2.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -200.010+/-703.587 χ^2/NDF : 11.5/7

asym_at1_dd_at2_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1227.299+/-0.696 χ^2/NDF : 171033.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1286.440+/-0.712 χ^2/NDF : 51236.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

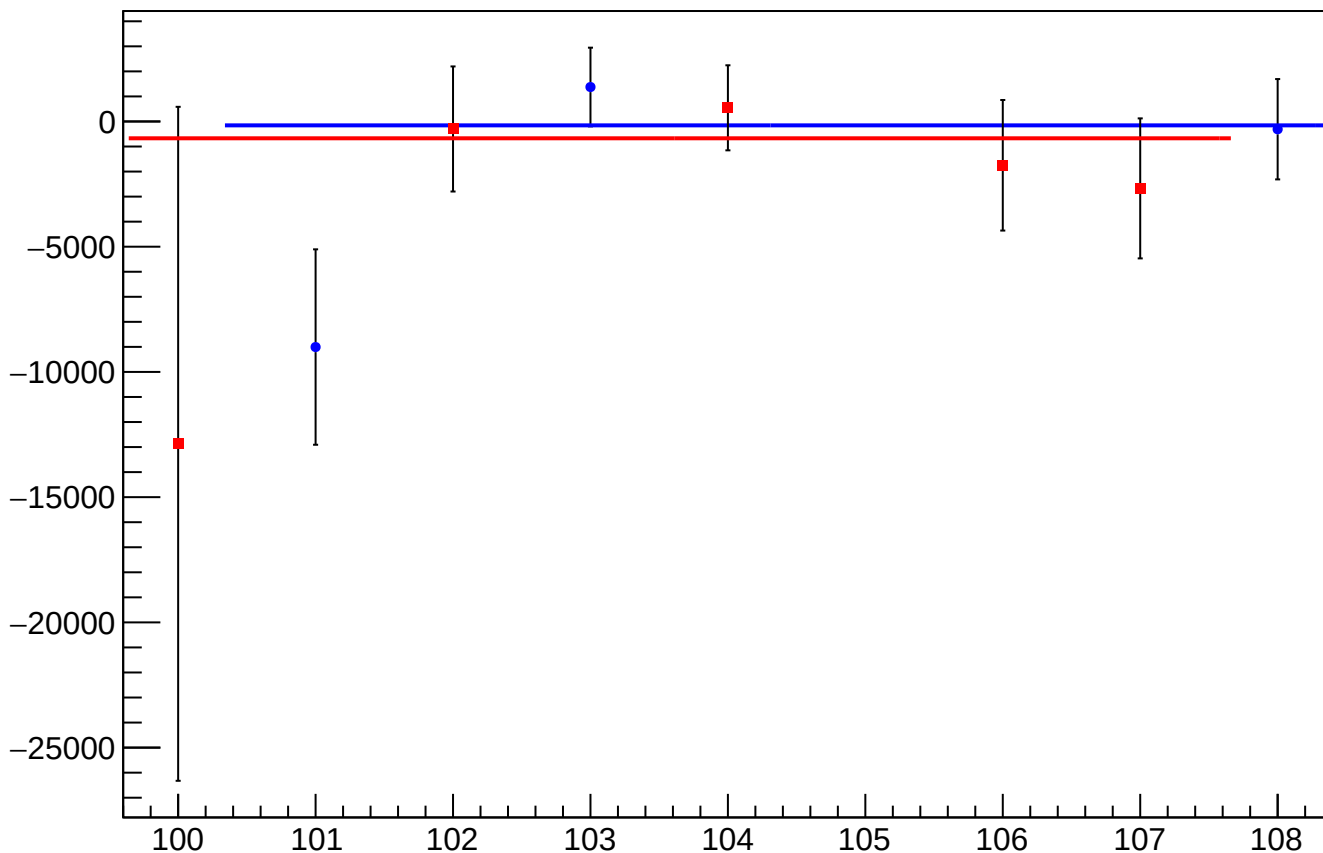
Right: 1256.194+/-0.498 χ^2/NDF : 225800.5/7

In: 1227.299+/-0.696 χ^2/NDF : 171033.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1256.194+/-0.498 χ^2/NDF : 225800.5/7

dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: -155.334+/-1178.516 χ^2/NDF : 6.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -671.863+/-1126.587 χ^2/NDF : 2.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

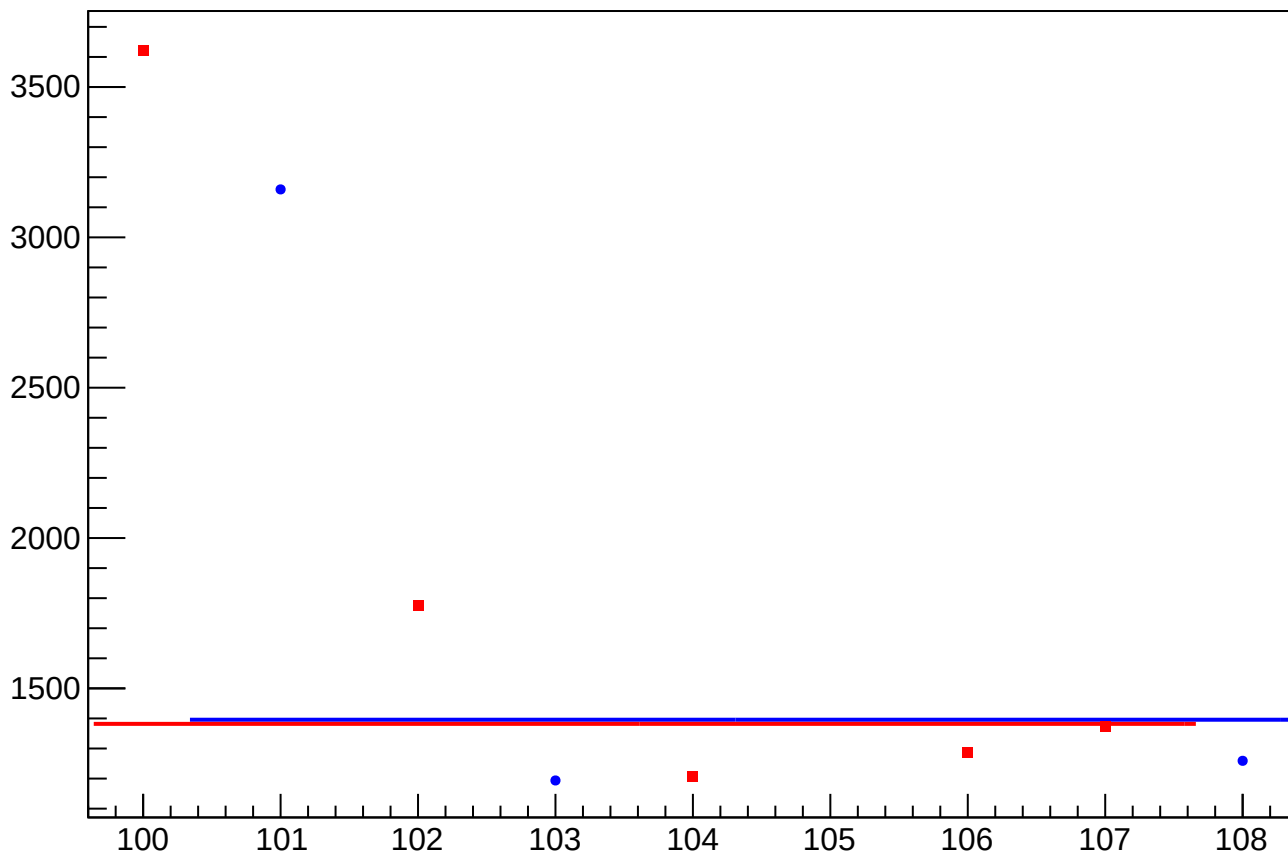
Right: -425.229+/-814.357 χ^2/NDF : 8.2/7

In: -155.334+/-1178.516 χ^2/NDF : 6.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -425.229+/-814.357 χ^2/NDF : 8.2/7

dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1395.724+/-0.833 χ^2/NDF : 451136.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1381.959+/-0.797 χ^2/NDF : 128999.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

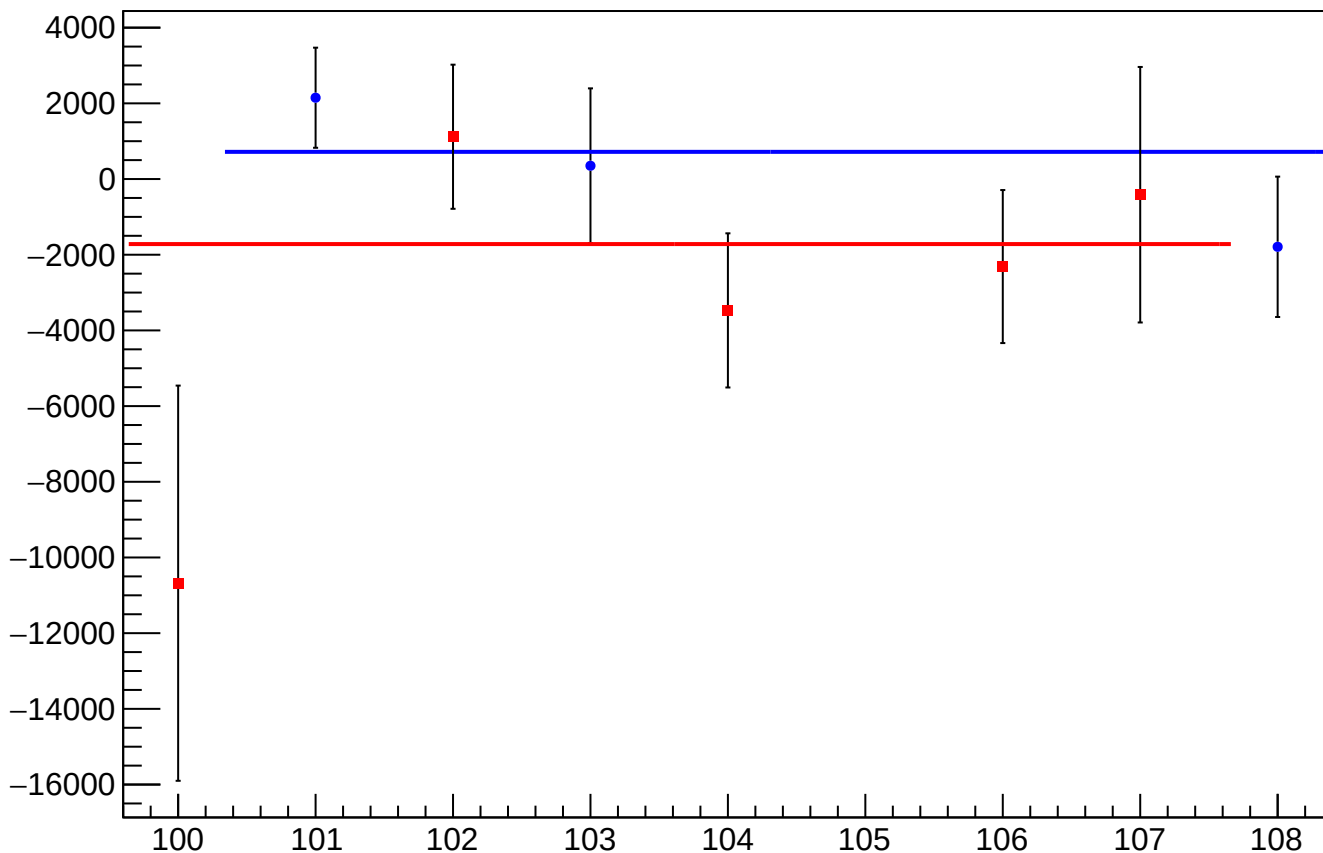
Right: 1388.531+/-0.576 χ^2/NDF : 580279.1/7

In: 1395.724+/-0.833 χ^2/NDF : 451136.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1388.531+/-0.576 χ^2/NDF : 580279.1/7

asym_at1_dd_at2_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 718.415+/-952.825 χ^2/NDF : 3.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1718.487+/-1062.448 χ^2/NDF : 6.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

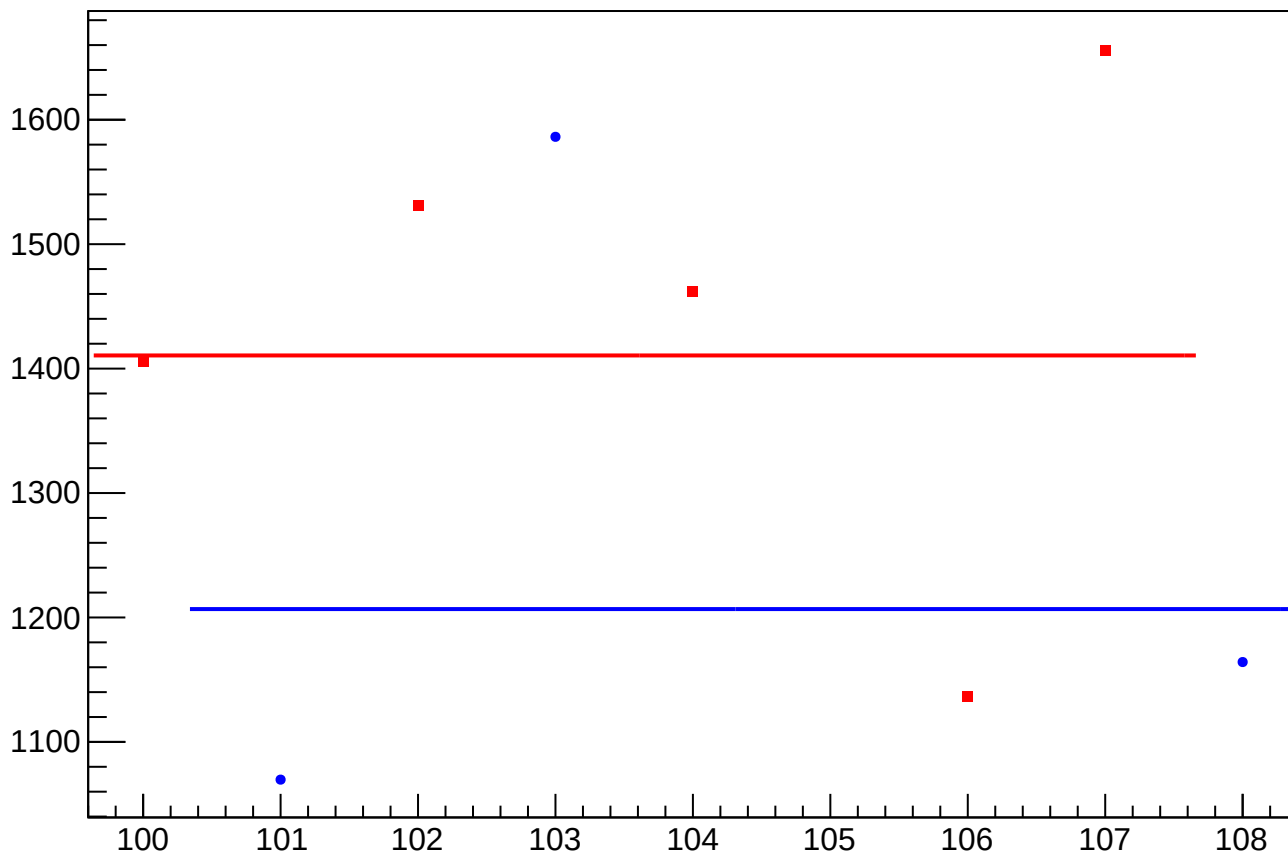
Right: -367.870+/-709.350 χ^2/NDF : 12.1/7

In: 718.415+/-952.825 χ^2/NDF : 3.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -367.870+/-709.350 χ^2/NDF : 12.1/7

asym_at1_dd_at2_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1206.751+/-0.674 χ^2/NDF : 91406.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1410.573+/-0.751 χ^2/NDF : 56585.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

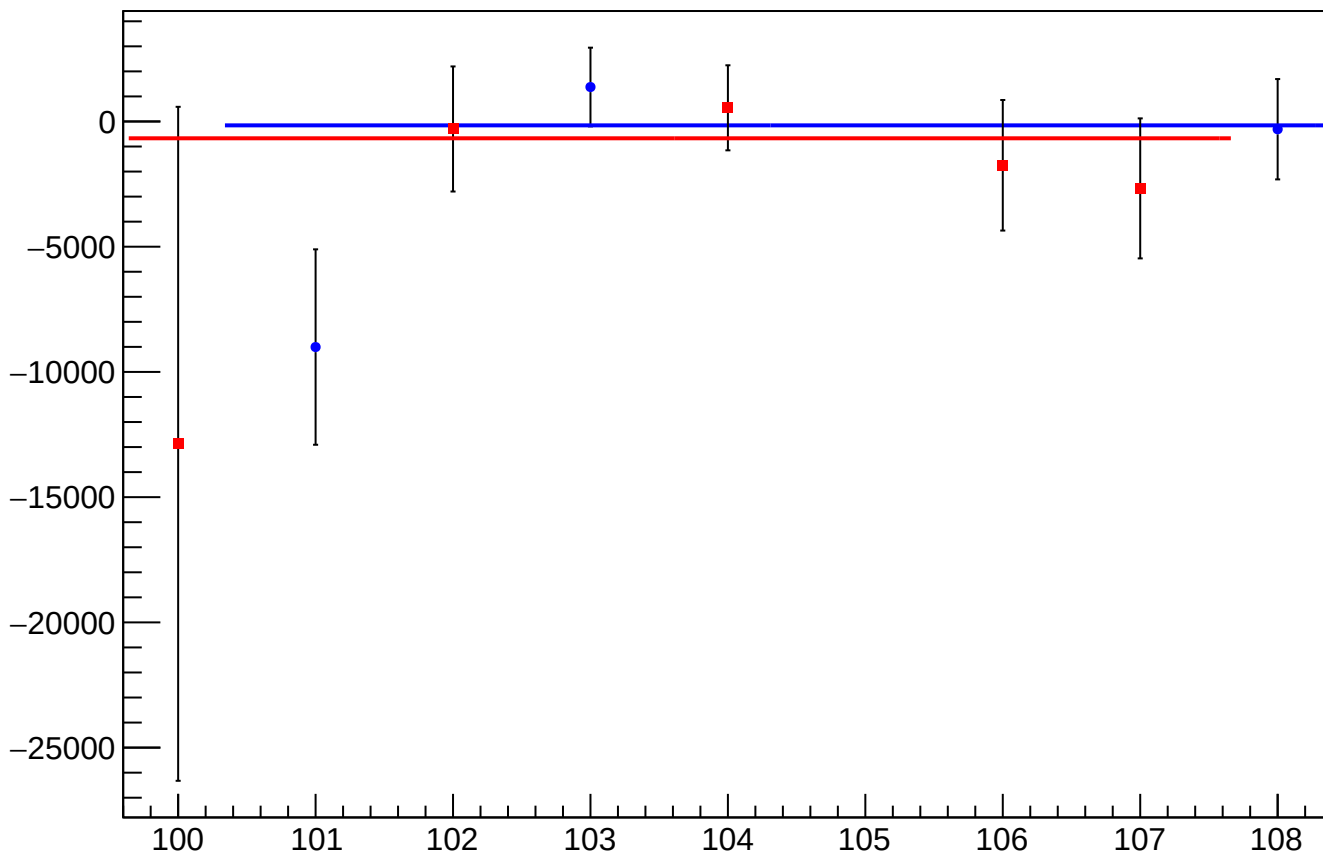
Right: 1297.607+/-0.502 χ^2/NDF : 188788.0/7

In: 1206.751+/-0.674 χ^2/NDF : 91406.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1297.607+/-0.502 χ^2/NDF : 188788.0/7

eigen_dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: -155.339+/-1178.516 χ^2/NDF : 6.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -671.862+/-1126.587 χ^2/NDF : 2.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

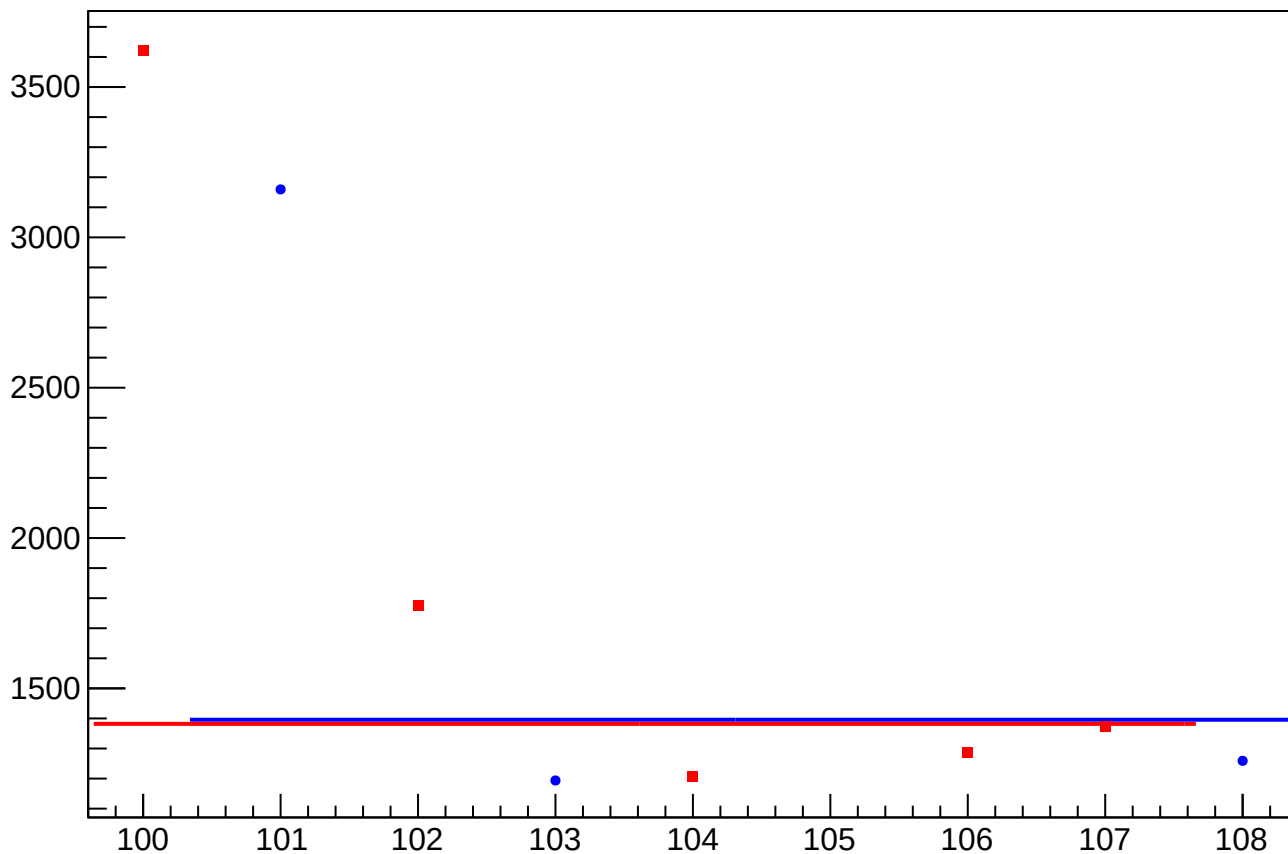
Right: -425.231+/-814.357 χ^2/NDF : 8.2/7

In: -155.339+/-1178.516 χ^2/NDF : 6.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -425.231+/-814.357 χ^2/NDF : 8.2/7

eigen_dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1395.723+/-0.833 χ^2/NDF : 451137.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1381.958+/-0.797 χ^2/NDF : 128999.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

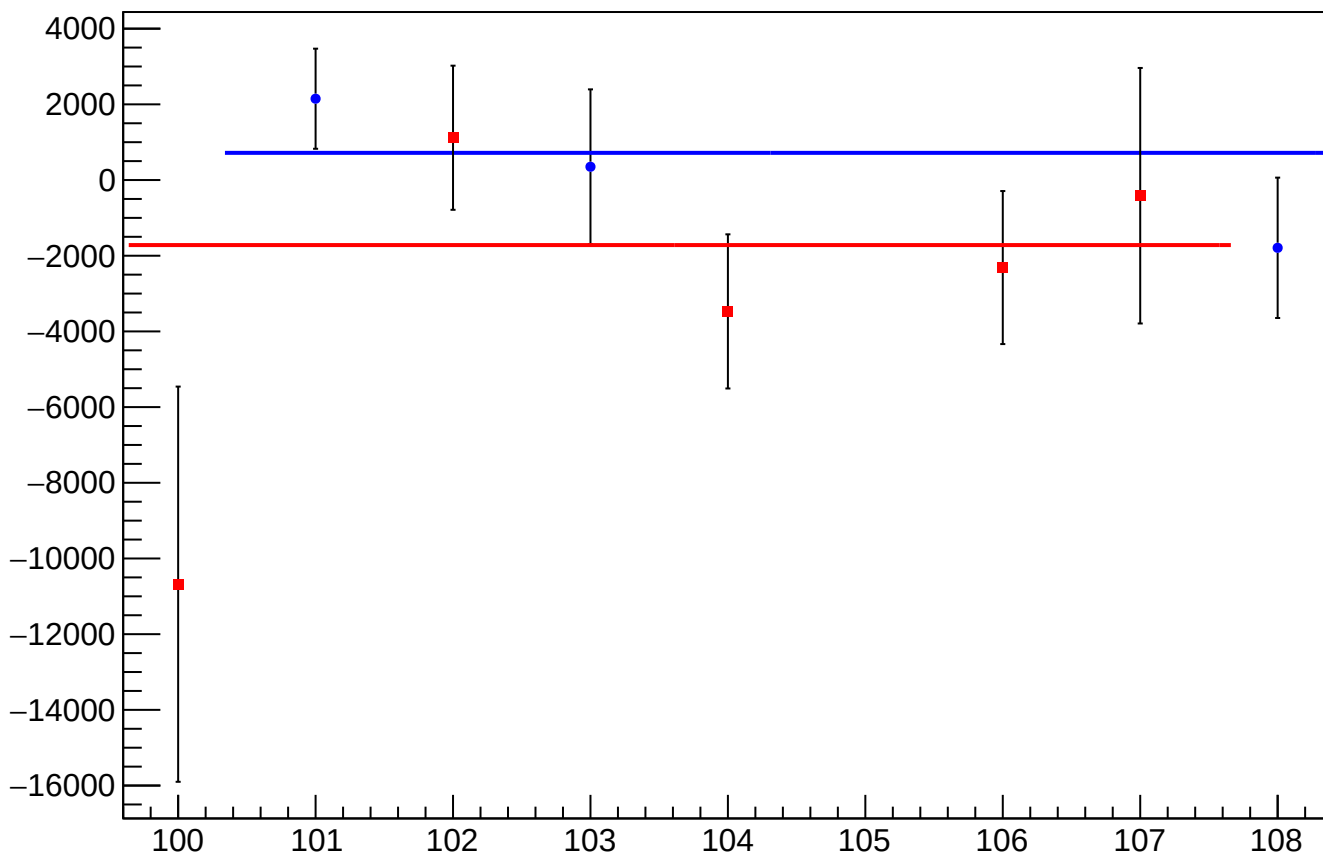
Right: 1388.531+/-0.576 χ^2/NDF : 580279.4/7

In: 1395.723+/-0.833 χ^2/NDF : 451137.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1388.531+/-0.576 χ^2/NDF : 580279.4/7

asym_at1_dd_at2_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 718.409+/-952.820 χ^2/NDF : 3.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1718.491+/-1062.447 χ^2/NDF : 6.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

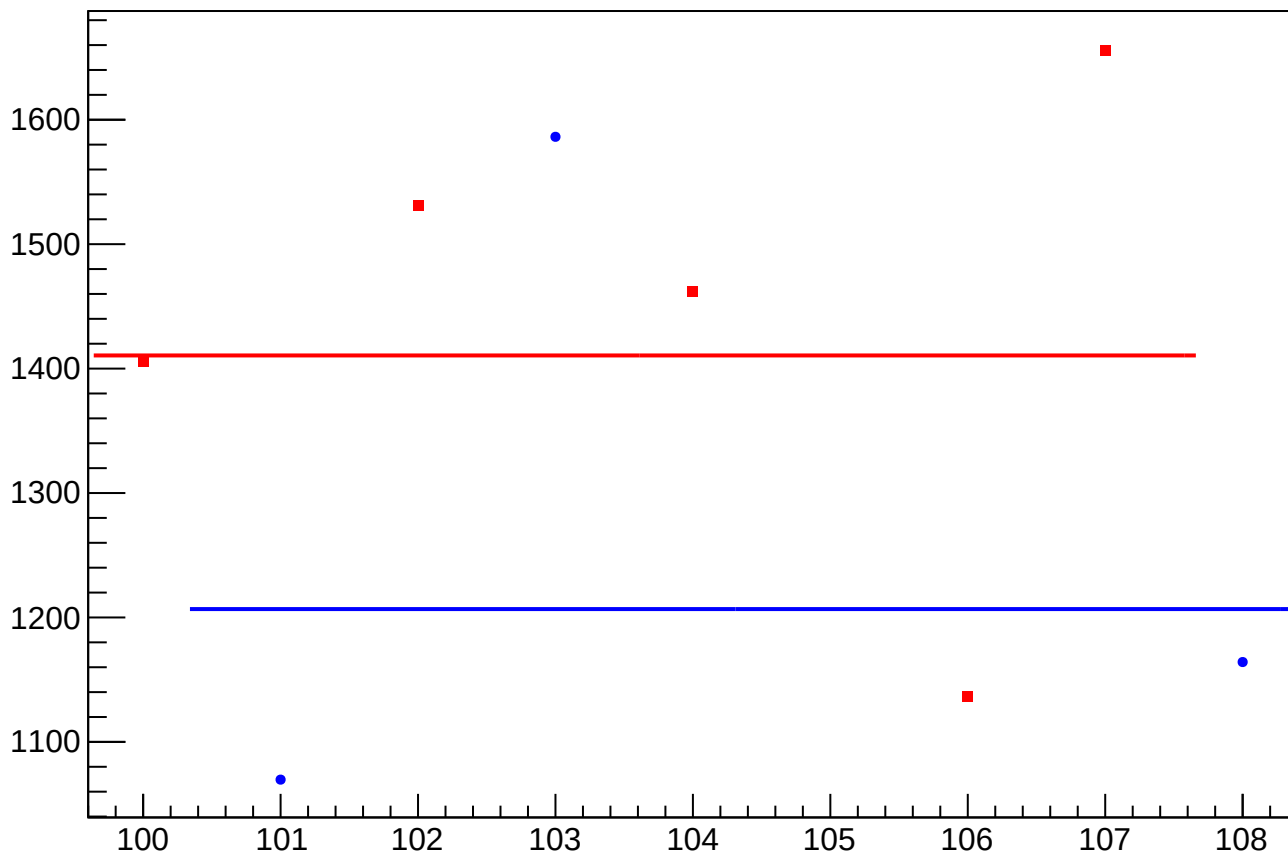
Right: -367.870+/-709.348 χ^2/NDF : 12.1/7

In: 718.409+/-952.820 χ^2/NDF : 3.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -367.870+/-709.348 χ^2/NDF : 12.1/7

asym_at1_dd_at2_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1206.744+/-0.674 χ^2/NDF : 91411.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1410.572+/-0.751 χ^2/NDF : 56588.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

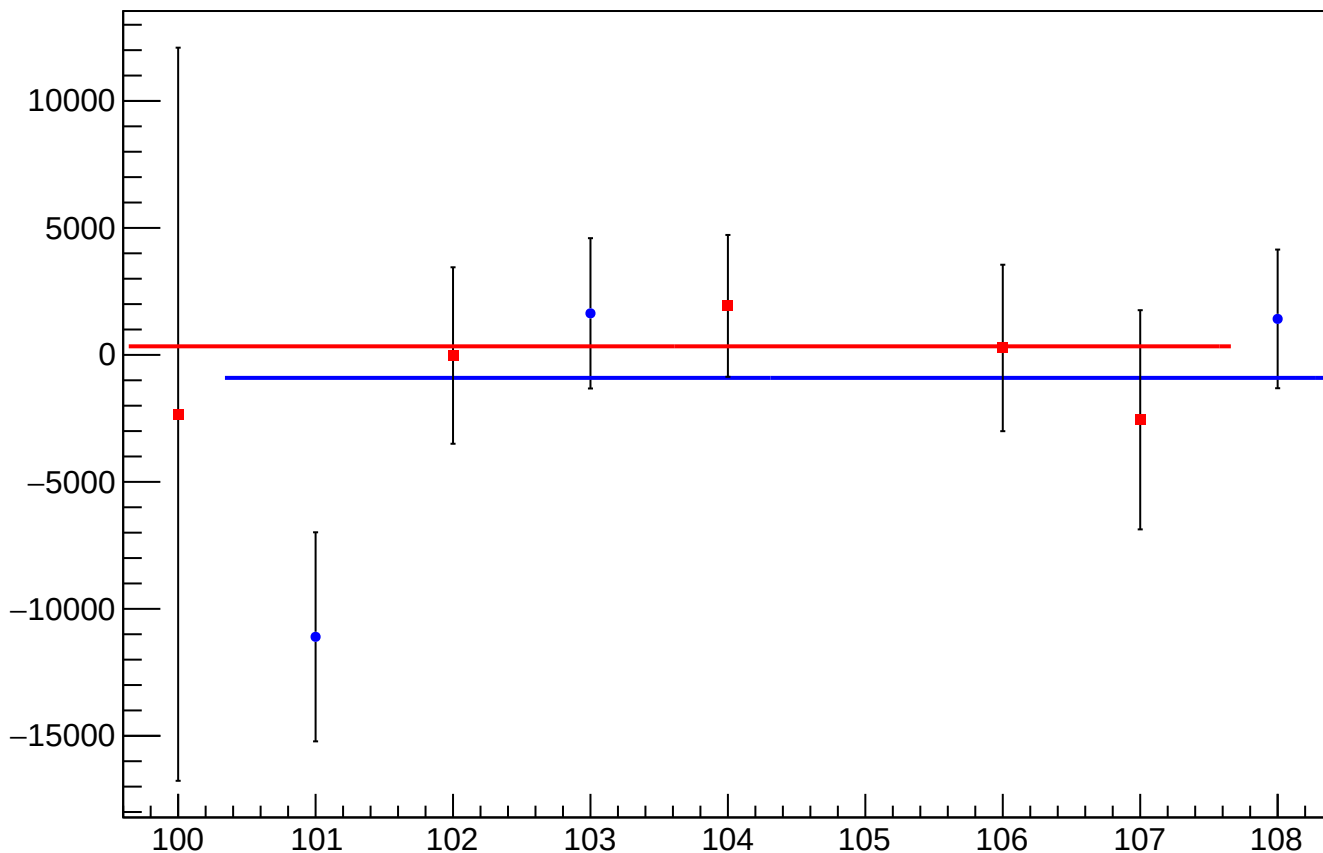
Right: 1297.602+/-0.502 χ^2/NDF : 188797.7/7

In: 1206.744+/-0.674 χ^2/NDF : 91411.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1297.602+/-0.502 χ^2/NDF : 188797.7/7

asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: -904.901+/-1803.804 χ^2/NDF : 7.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 337.629+/-1660.713 χ^2/NDF : 0.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

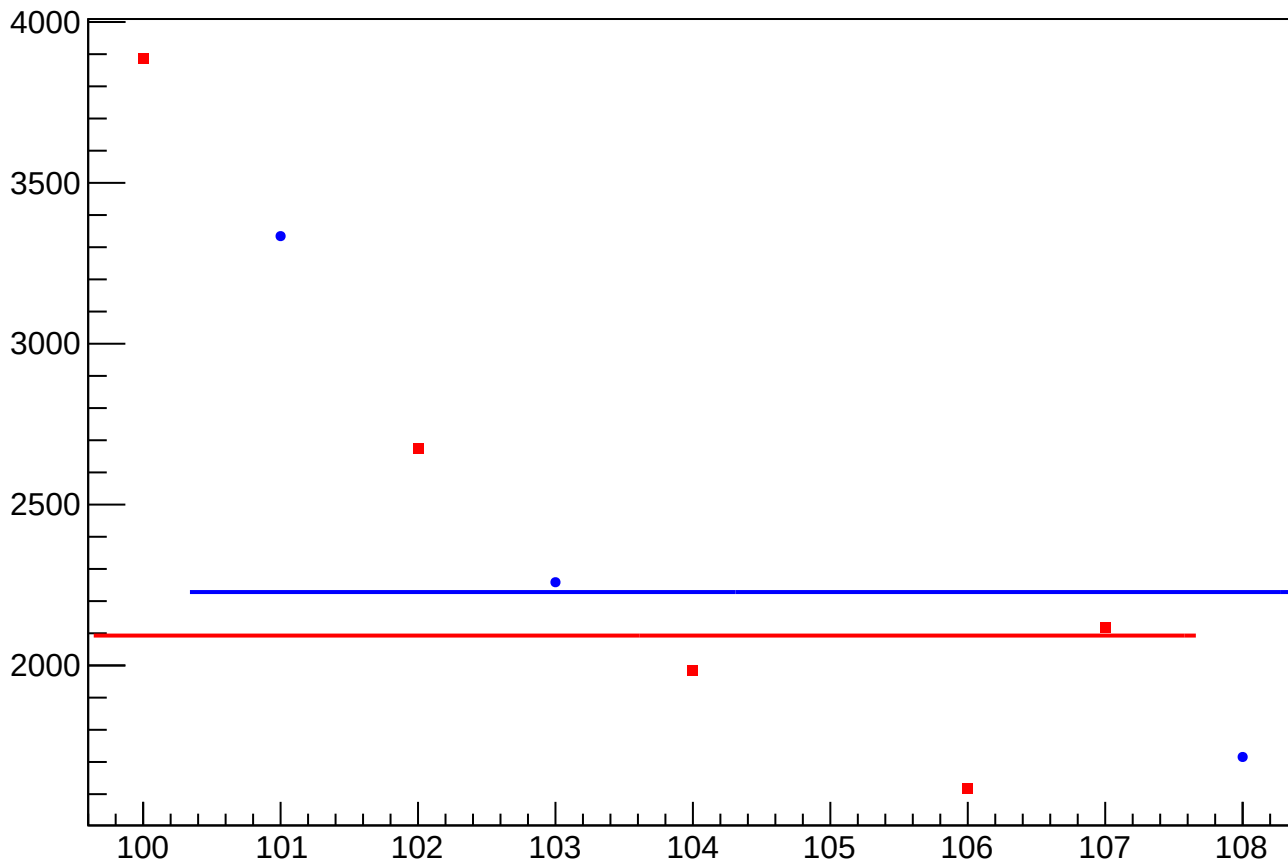
Right: -232.405+/-1221.761 χ^2/NDF : 8.7/7

In: -904.901+/-1803.804 χ^2/NDF : 7.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -232.405+/-1221.761 χ^2/NDF : 8.7/7

asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 2228.163+/-1.275 χ^2/NDF : 215184.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2092.905+/-1.174 χ^2/NDF : 131754.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

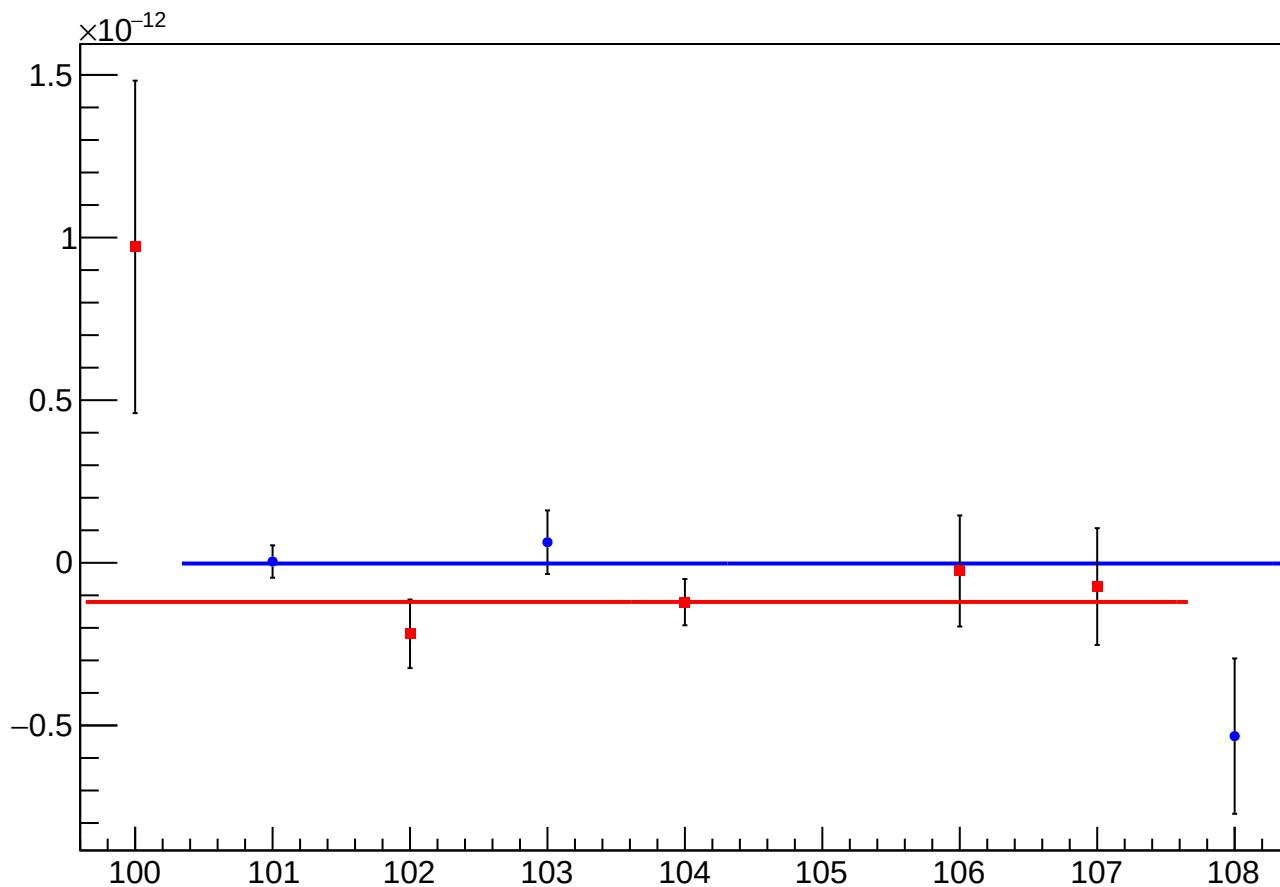
Right: 2154.954+/-0.864 χ^2/NDF : 353026.3/7

In: 2228.163+/-1.275 χ^2/NDF : 215184.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2154.954+/-0.864 χ^2/NDF : 353026.3/7

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

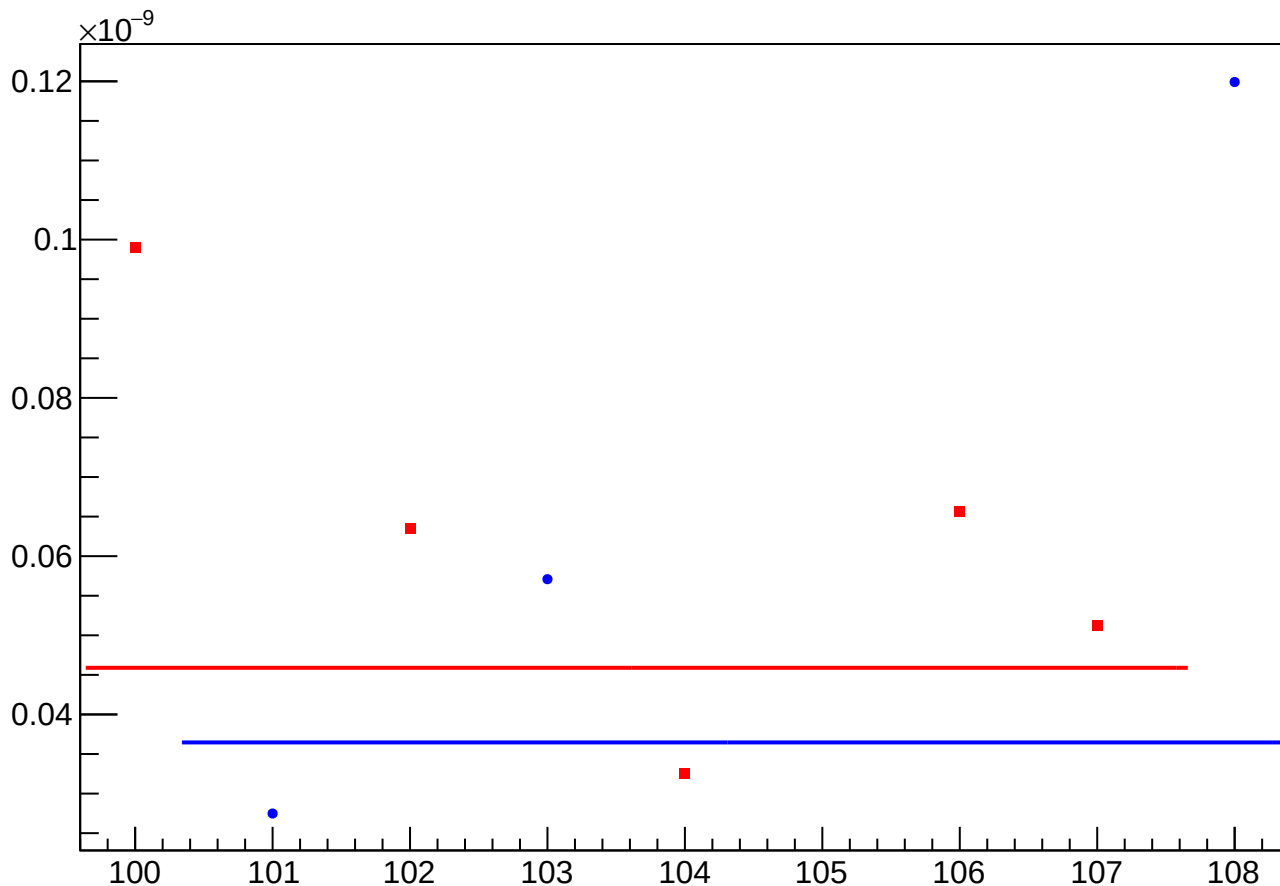
Right: -0.000+/-0.000 χ^2/NDF : 14.2/7

In: -0.000+/-0.000 χ^2/NDF : 5.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.2/7

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 398331.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 175663.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

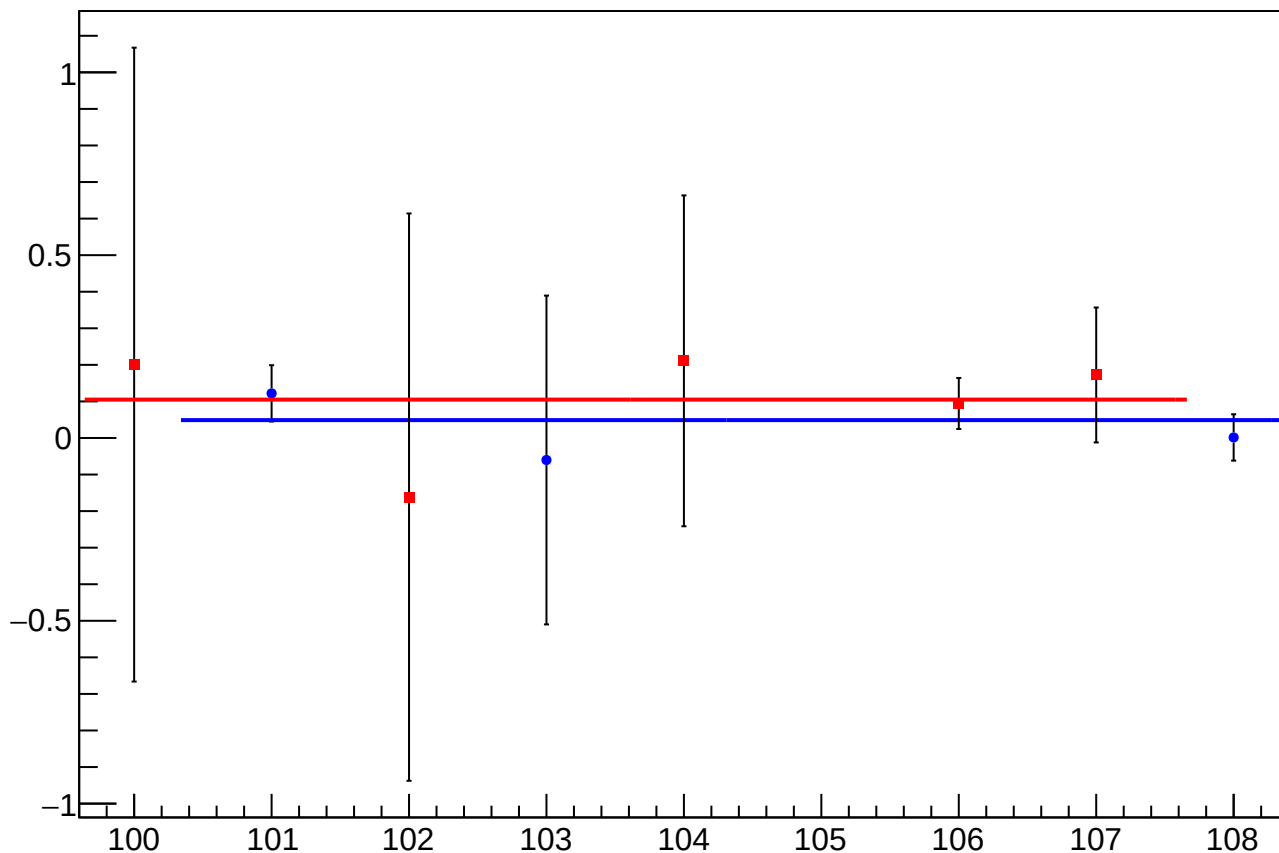
Right: 0.000+/-0.000 χ^2/NDF : 611748.8/7

In: 0.000+/-0.000 χ^2/NDF : 398331.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 611748.8/7

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.049 $\pm$ 0.049 χ^2 /NDF: 1.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.105 $\pm$ 0.064 χ^2 /NDF: 0.3/4

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

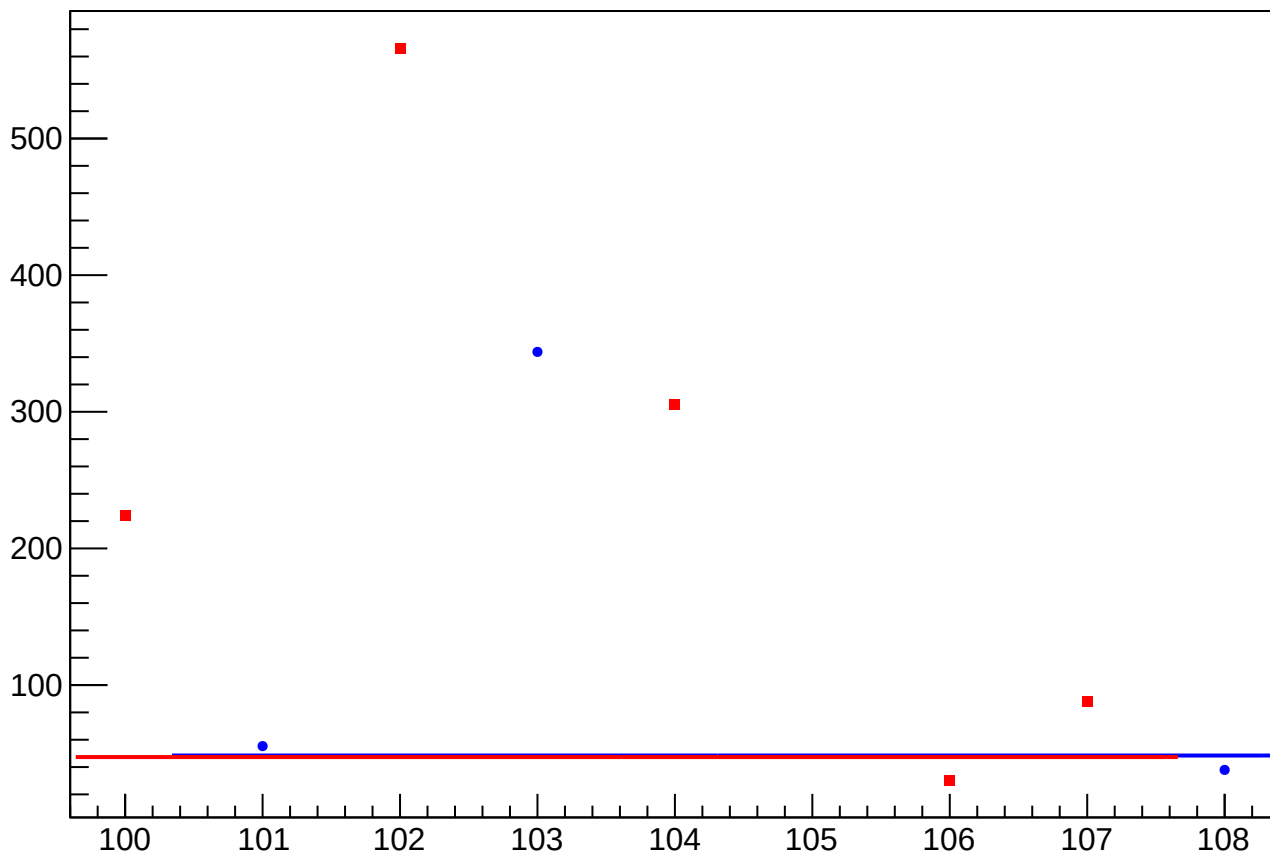
Right: 0.069 $\pm$ 0.039 χ^2 /NDF: 2.3/7

In: 0.049 $\pm$ 0.049 χ^2 /NDF: 1.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.069 $\pm$ 0.039 χ^2 /NDF: 2.3/7

asym_at1_dd_at2_dd_avg_dit_vs_slug_Sign_Corrected



Right In: 48.448+/-0.034 χ^2/NDF : 934320.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.314+/-0.045 χ^2/NDF : 1849204.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

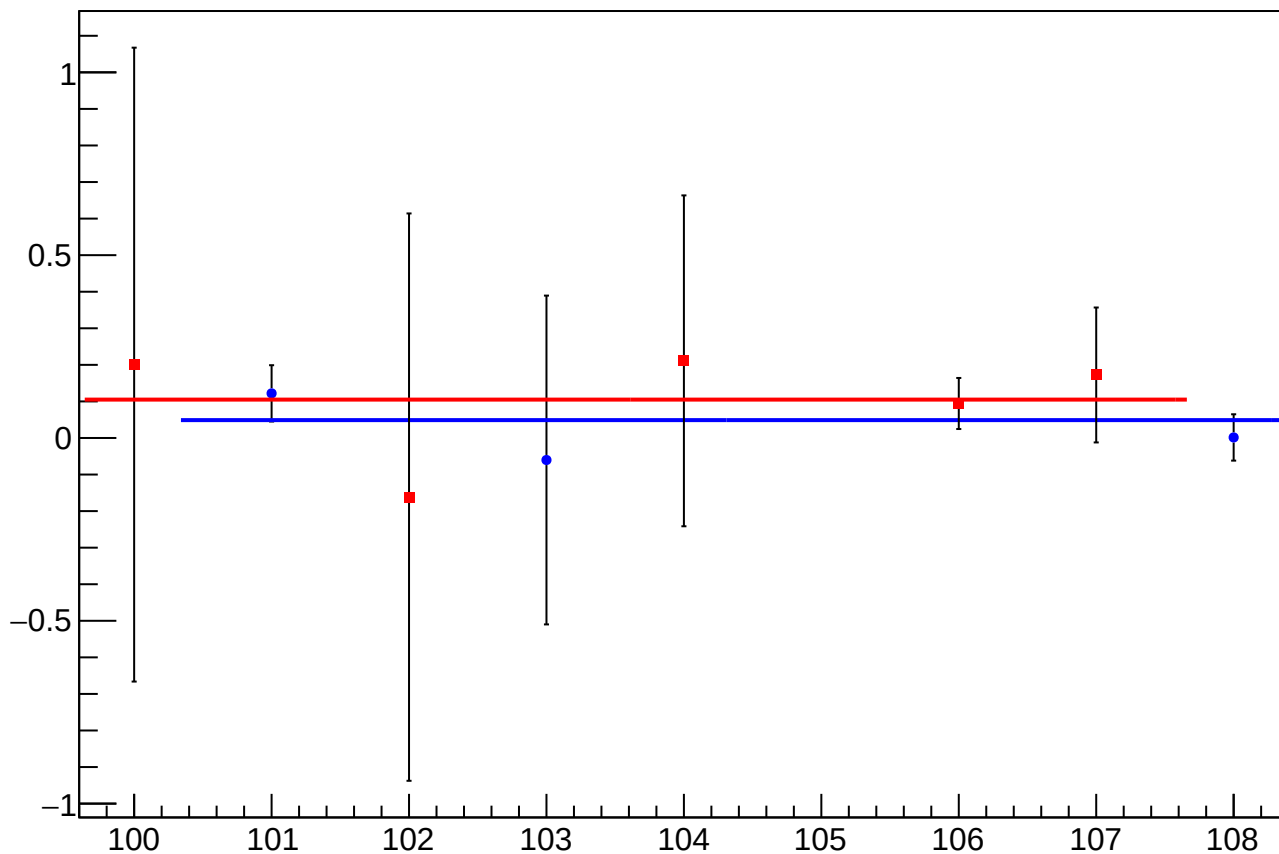
Right: 48.035+/-0.027 χ^2/NDF : 2783921.5/7

In: 48.448+/-0.034 χ^2/NDF : 934320.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.035+/-0.027 χ^2/NDF : 2783921.5/7

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.049+/-0.049 χ^2/NDF : 1.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.105+/-0.064 χ^2/NDF : 0.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

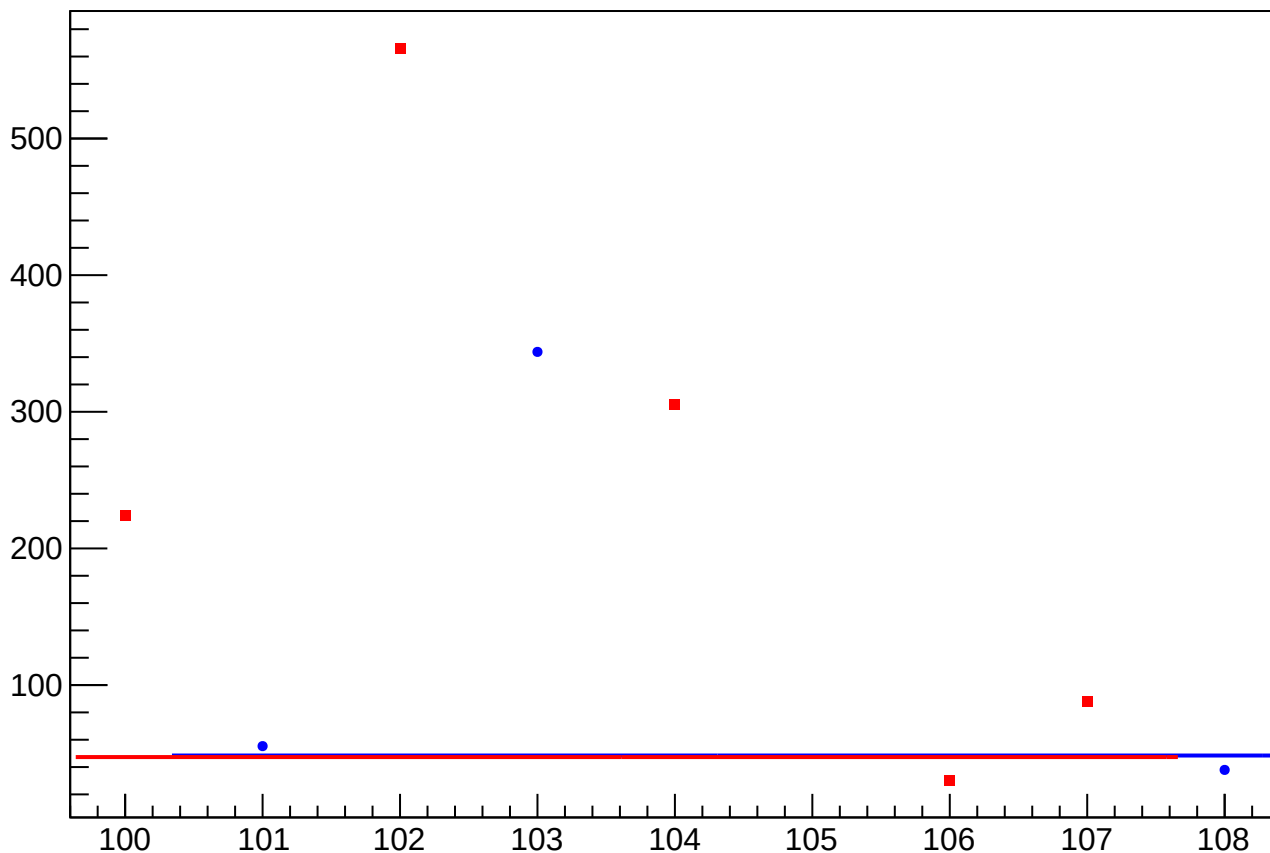
Right: 0.069+/-0.039 χ^2/NDF : 2.3/7

In: 0.049+/-0.049 χ^2/NDF : 1.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.069+/-0.039 χ^2/NDF : 2.3/7

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.448+/-0.034 χ^2/NDF : 934320.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.314+/-0.045 χ^2/NDF : 1849204.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

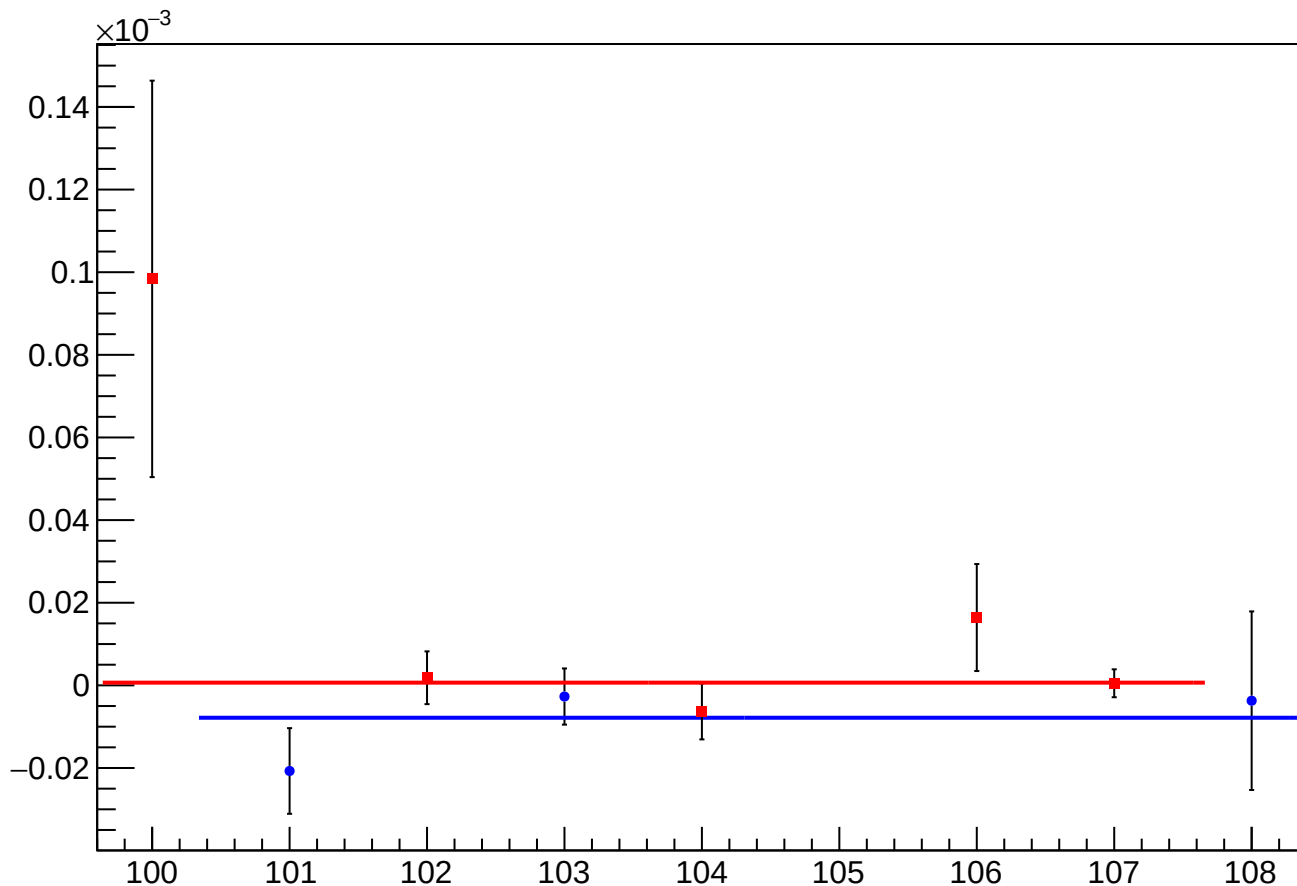
Right: 48.035+/-0.027 χ^2/NDF : 2783921.5/7

In: 48.448+/-0.034 χ^2/NDF : 934320.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.035+/-0.027 χ^2/NDF : 2783921.5/7

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 : 2.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

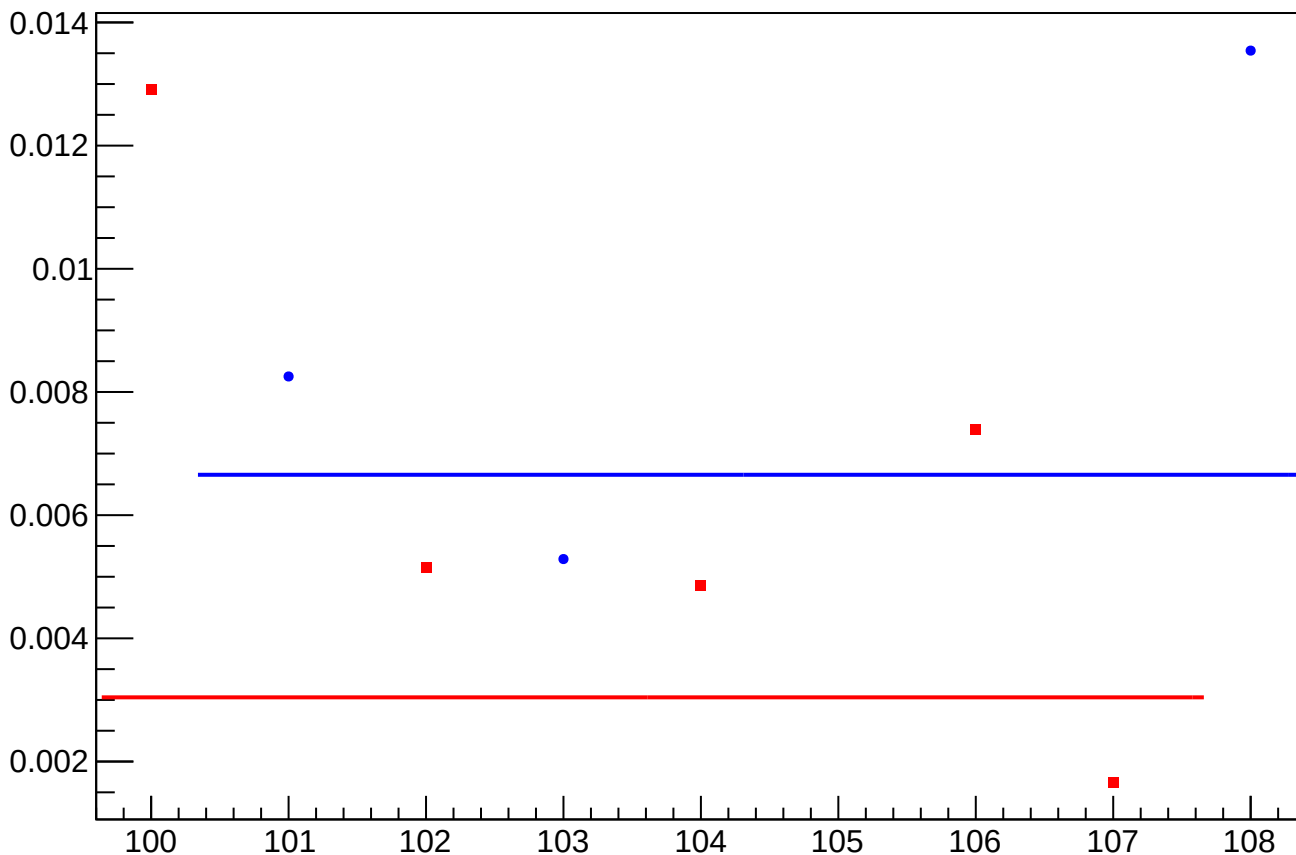
Right: -0.000+/-0.000 χ^2/NDF : 10.8/7

In: -0.000+/-0.000 χ^2/NDF : 2.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.8/7

asym_at1_dd_at2_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 331592.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1006887.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

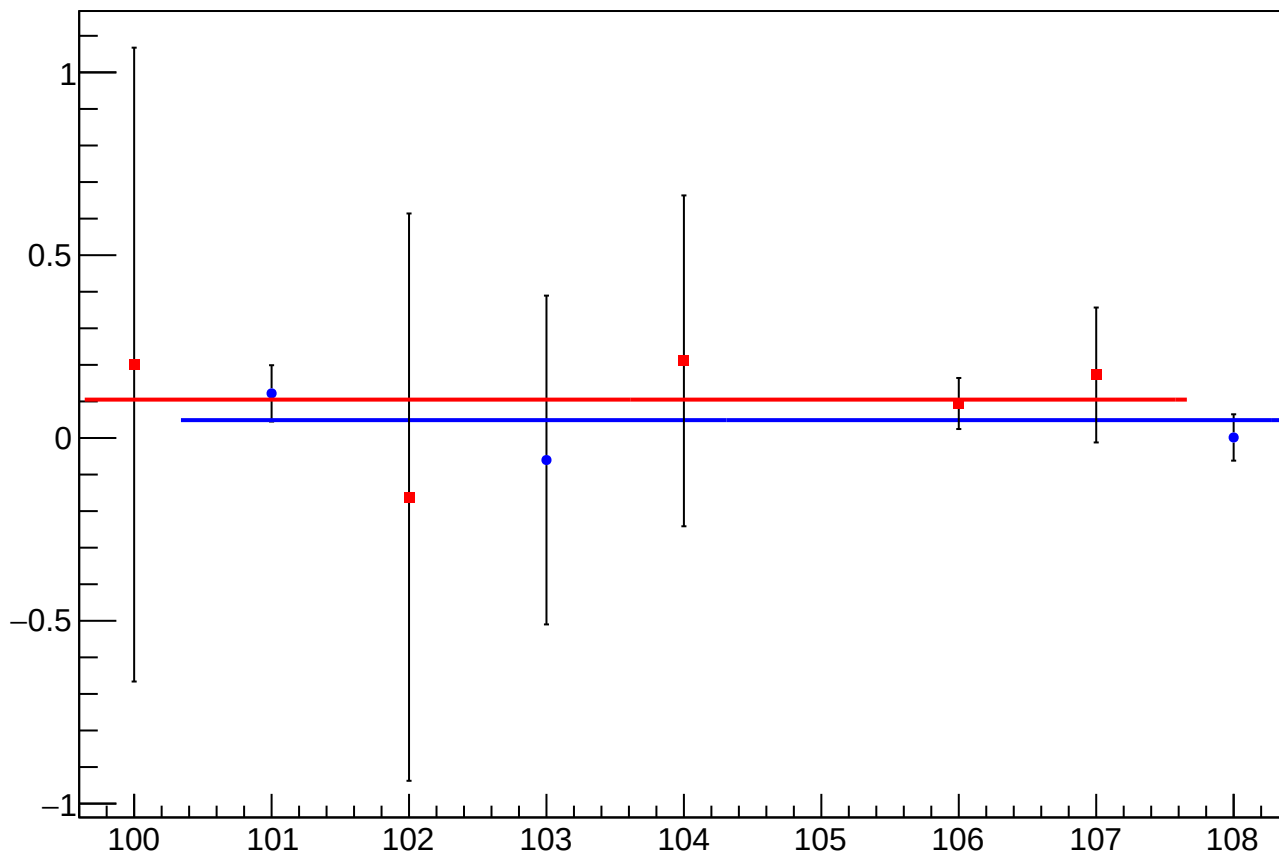
Right: 0.004+/-0.000 χ^2/NDF : 2037745.0/7

In: 0.007+/-0.000 χ^2/NDF : 331592.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 2037745.0/7

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.049 $\pm$ 0.049 χ^2 /NDF: 1.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.105 $\pm$ 0.064 χ^2 /NDF: 0.3/4

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

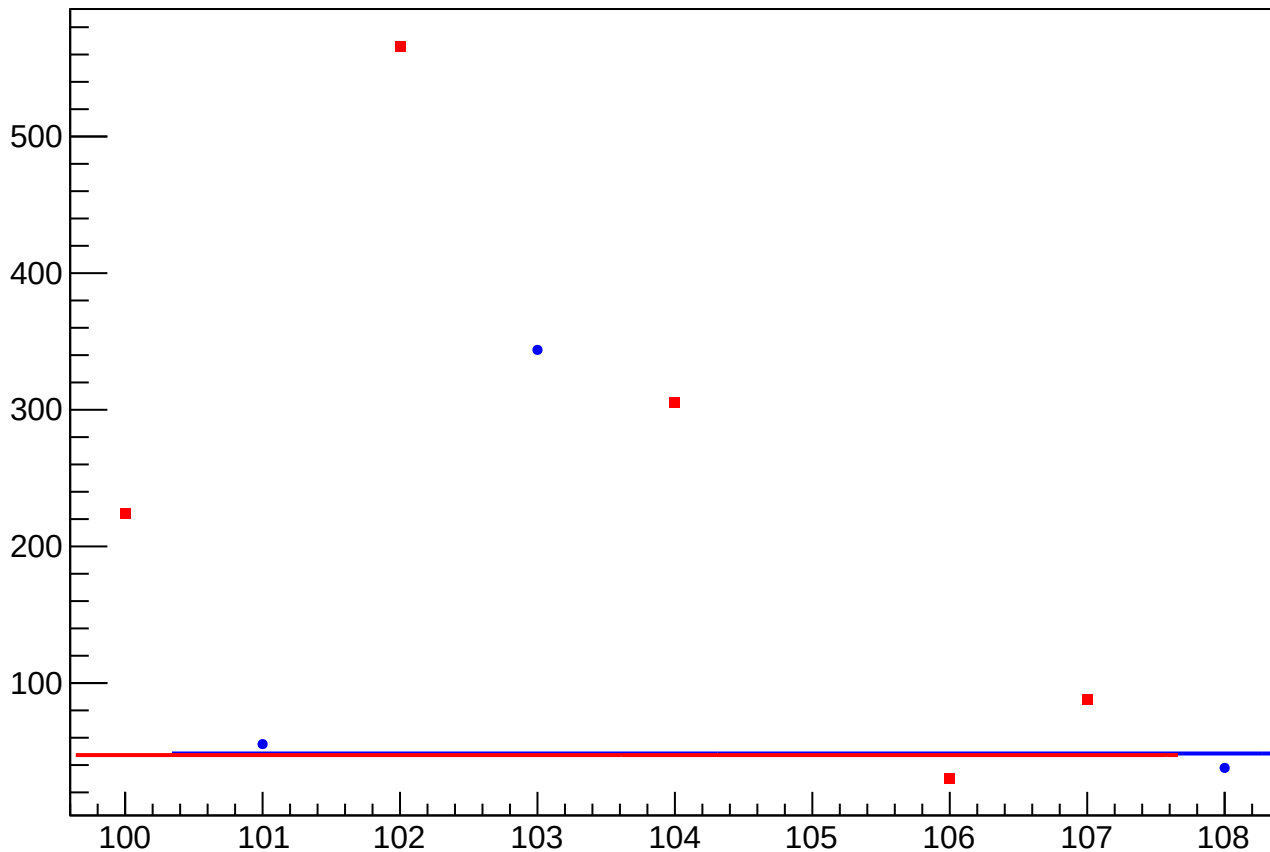
Right: 0.069 $\pm$ 0.039 χ^2 /NDF: 2.3/7

In: 0.049 $\pm$ 0.049 χ^2 /NDF: 1.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.069 $\pm$ 0.039 χ^2 /NDF: 2.3/7

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.456+/-0.034 χ^2/NDF : 934241.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.307+/-0.045 χ^2/NDF : 1849290.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

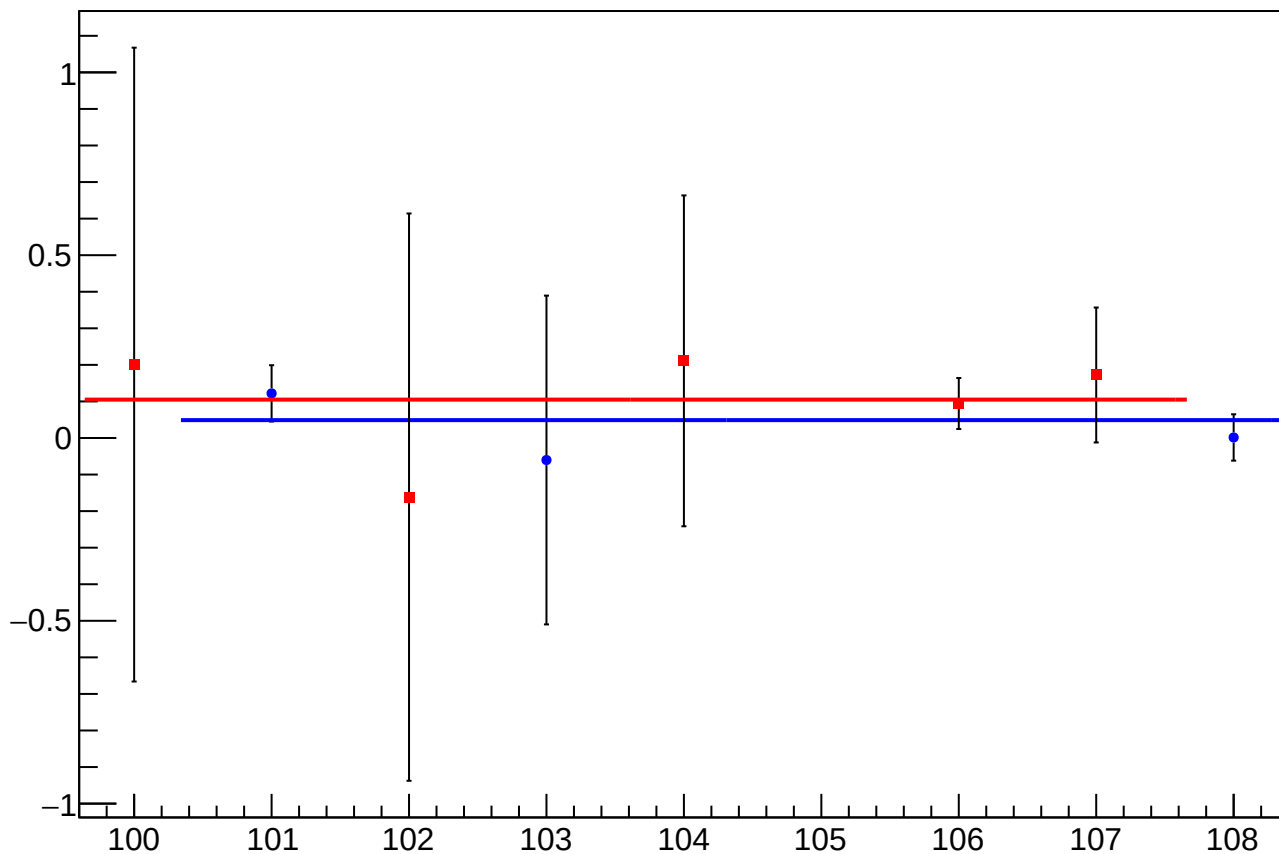
Right: 48.037+/-0.027 χ^2/NDF : 2783938.3/7

In: 48.456+/-0.034 χ^2/NDF : 934241.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.037+/-0.027 χ^2/NDF : 2783938.3/7

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.049 $\pm$ 0.049 χ^2 /NDF: 1.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.105 $\pm$ 0.064 χ^2 /NDF: 0.3/4

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

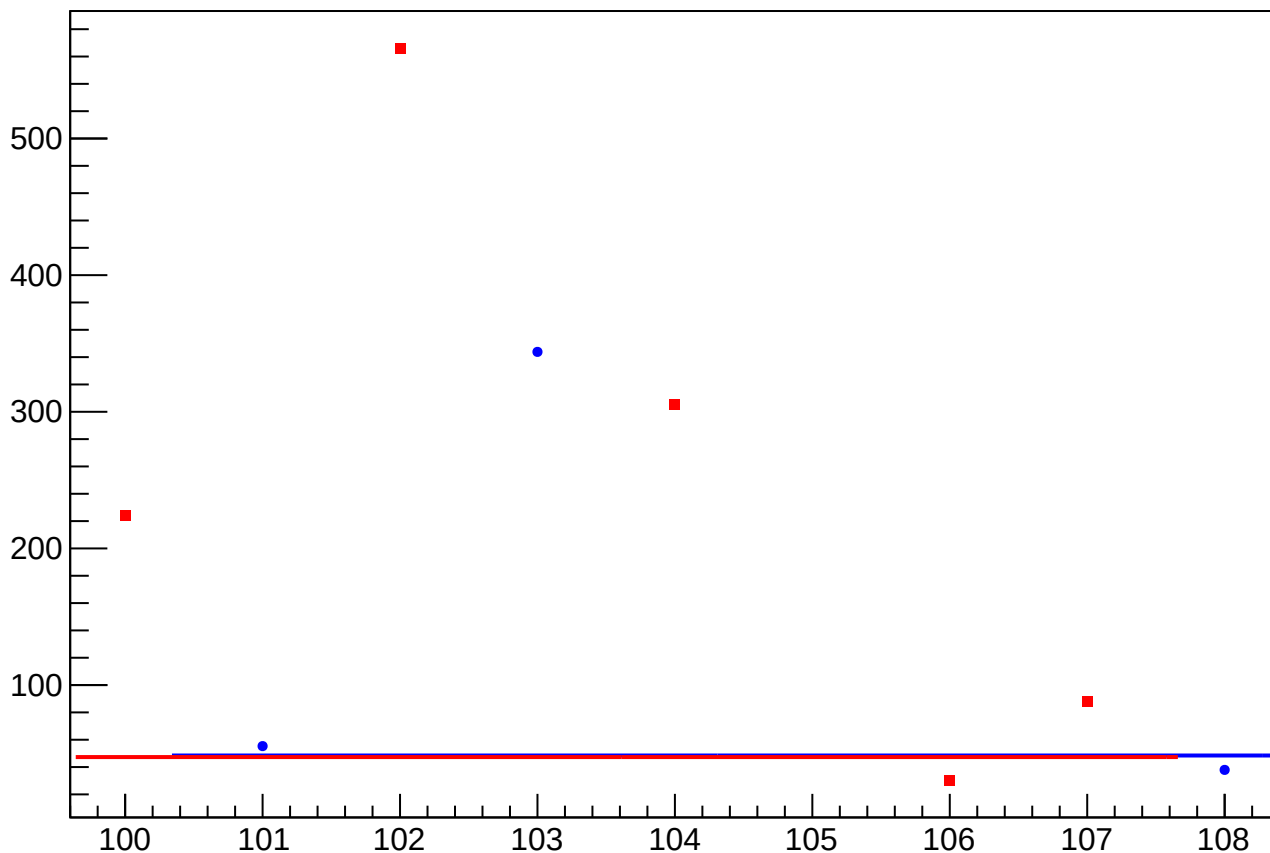
Right: 0.069 $\pm$ 0.039 χ^2 /NDF: 2.3/7

In: 0.049 $\pm$ 0.049 χ^2 /NDF: 1.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.069 $\pm$ 0.039 χ^2 /NDF: 2.3/7

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.456+/-0.034 χ^2/NDF : 934241.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.307+/-0.045 χ^2/NDF : 1849290.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

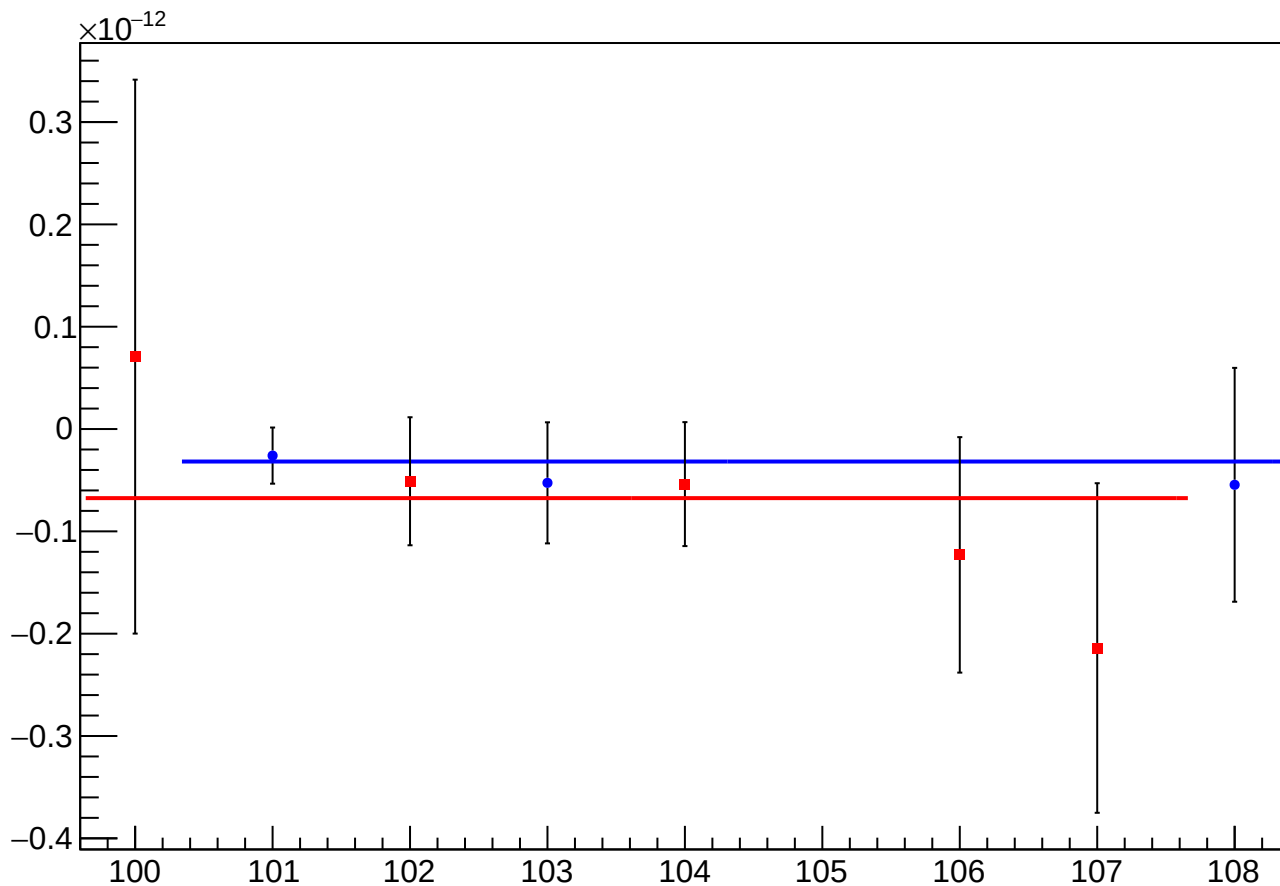
Right: 48.037+/-0.027 χ^2/NDF : 2783938.3/7

In: 48.456+/-0.034 χ^2/NDF : 934241.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.037+/-0.027 χ^2/NDF : 2783938.3/7

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 : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

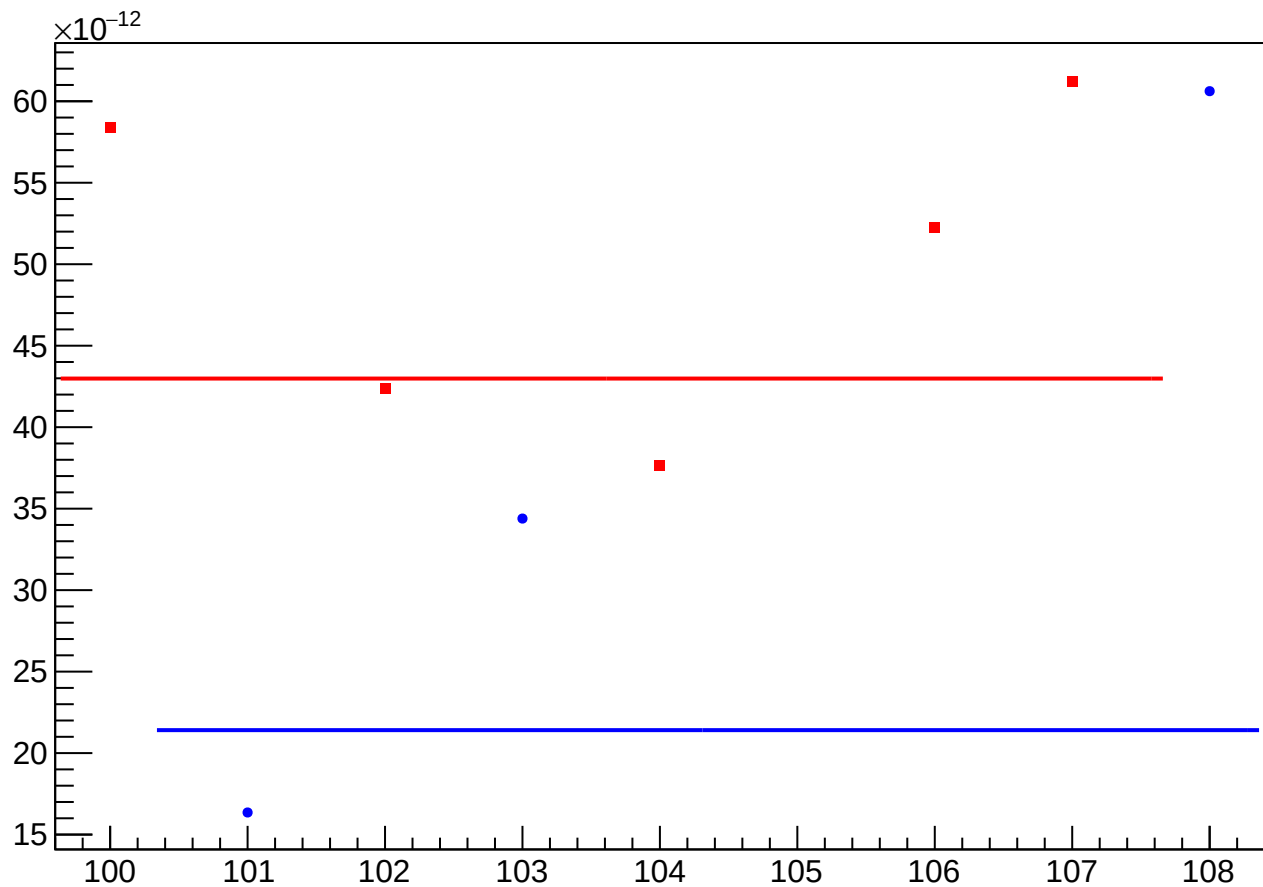
Right: -0.000+/-0.000 χ^2/NDF : 2.3/7

In: -0.000+/-0.000 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 2.3/7

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 : 399588.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 60824.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

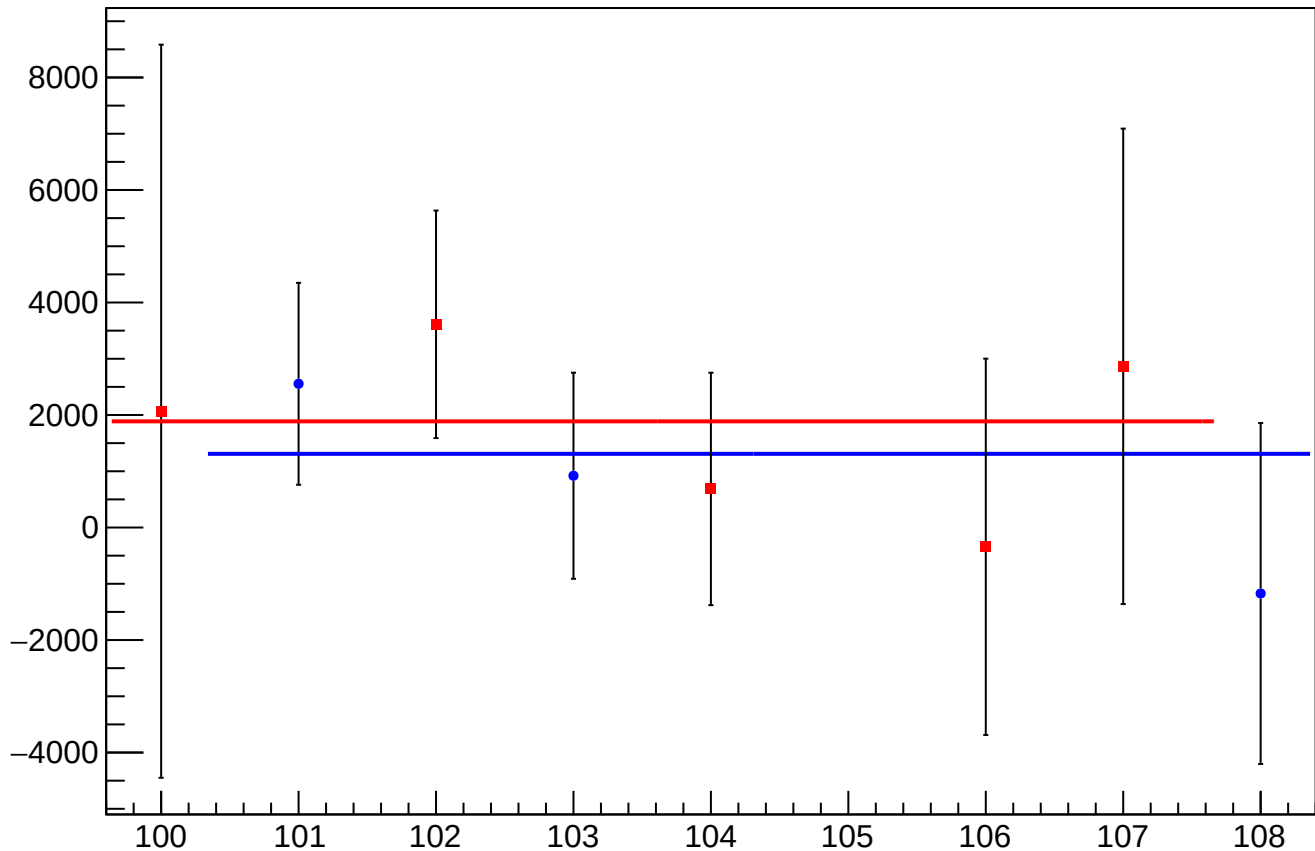
Right: 0.000+/-0.000 χ^2/NDF : 900297.4/7

In: 0.000+/-0.000 χ^2/NDF : 399588.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 900297.4/7

reg_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1309.992 $\pm$ 1180.652 χ^2 /NDF: 1.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1887.404 $\pm$ 1242.439 χ^2 /NDF: 1.6/4

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

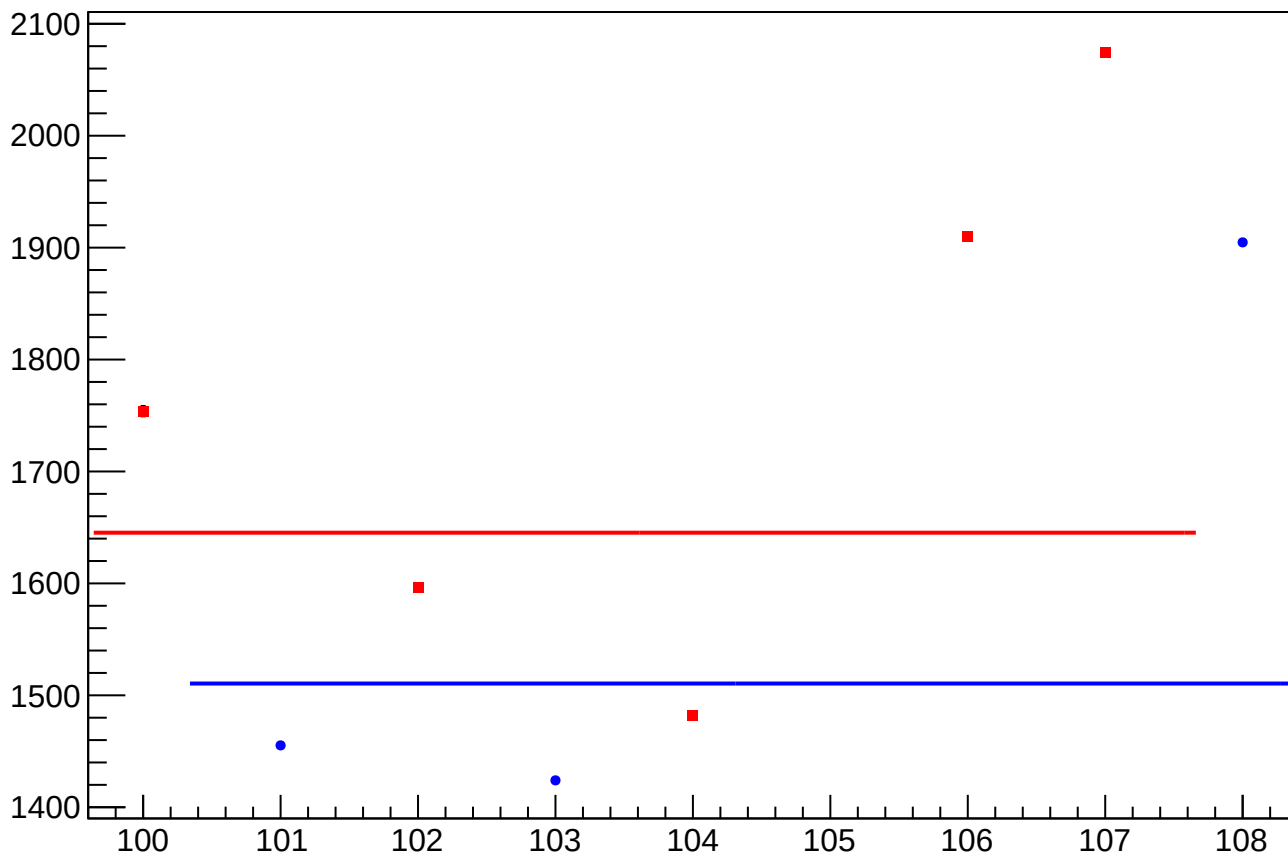
Right: 1583.984 $\pm$ 855.857 χ^2 /NDF: 2.9/7

In: 1309.992 $\pm$ 1180.652 χ^2 /NDF:1.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1583.984 $\pm$ 855.857 χ^2 /NDF: 2.9/7

reg_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1510.524+/-0.835 χ^2/NDF : 40201.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1645.316+/-0.879 χ^2/NDF : 47382.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

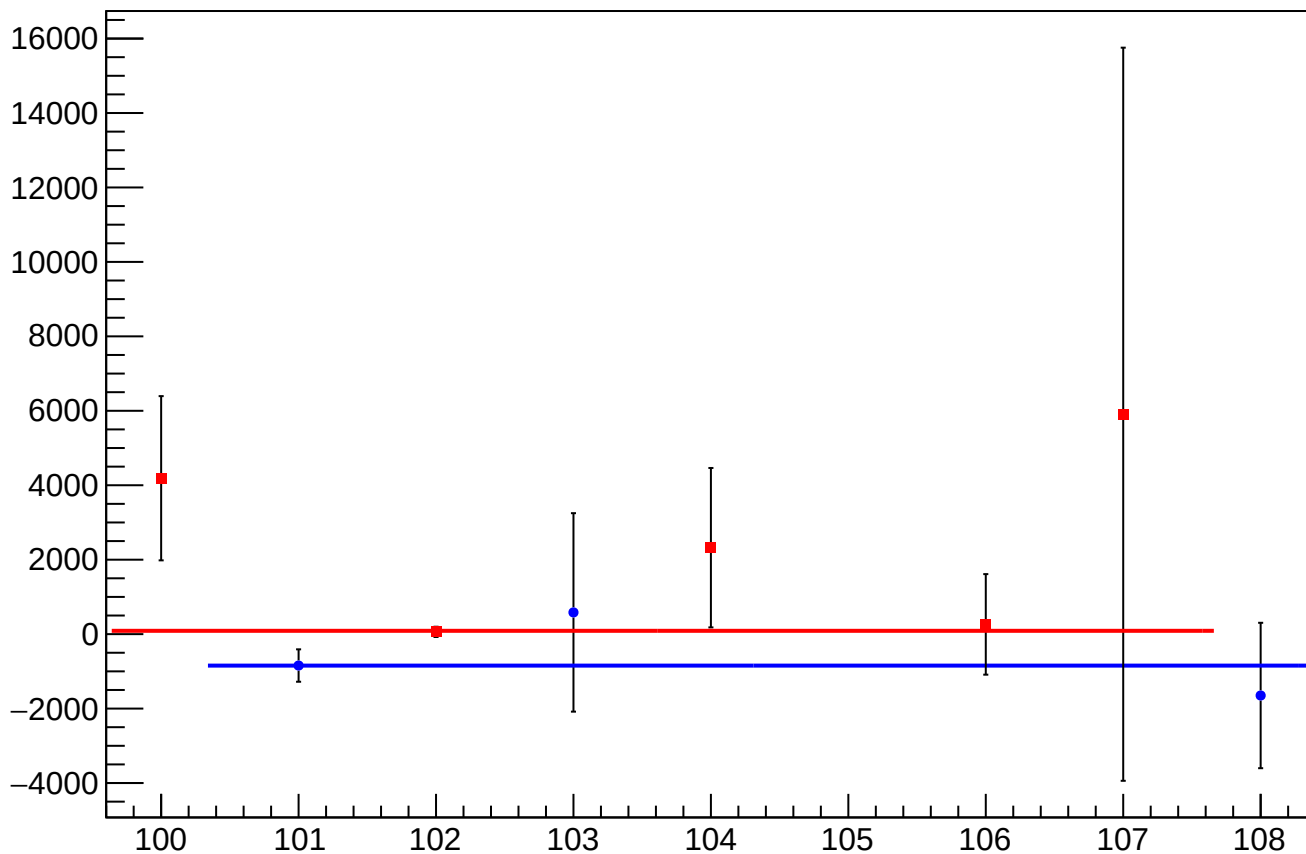
Right: 1574.486+/-0.605 χ^2/NDF : 99954.3/7

In: 1510.524+/-0.835 χ^2/NDF : 40201.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1574.486+/-0.605 χ^2/NDF : 99954.3/7

asym_usl_atl1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -845.474 $\pm$ 419.675 χ^2 /NDF: 0.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 89.259 $\pm$ 136.472 χ^2 /NDF: 4.9/4

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

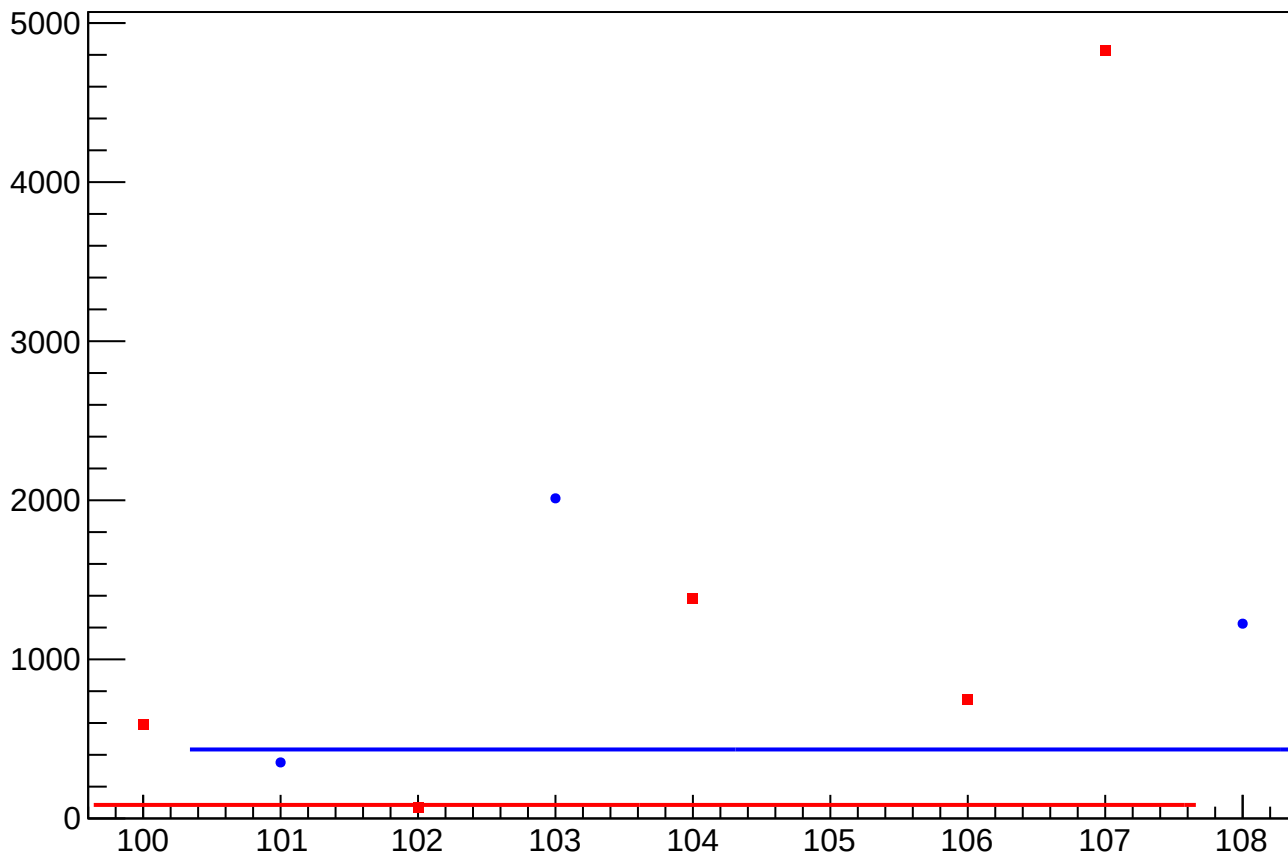
Right: -0.131 $\pm$ 129.782 χ^2 /NDF: 9.9/7

In: -845.474 $\pm$ 419.675 χ^2 /NDF: 0.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.131 $\pm$ 129.782 χ^2 /NDF: 9.9/7

asym_usl_atl1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 433.618+/-0.297 χ^2/NDF : 1099040.6/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 85.076+/-0.097 χ^2/NDF : 1810971.4/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

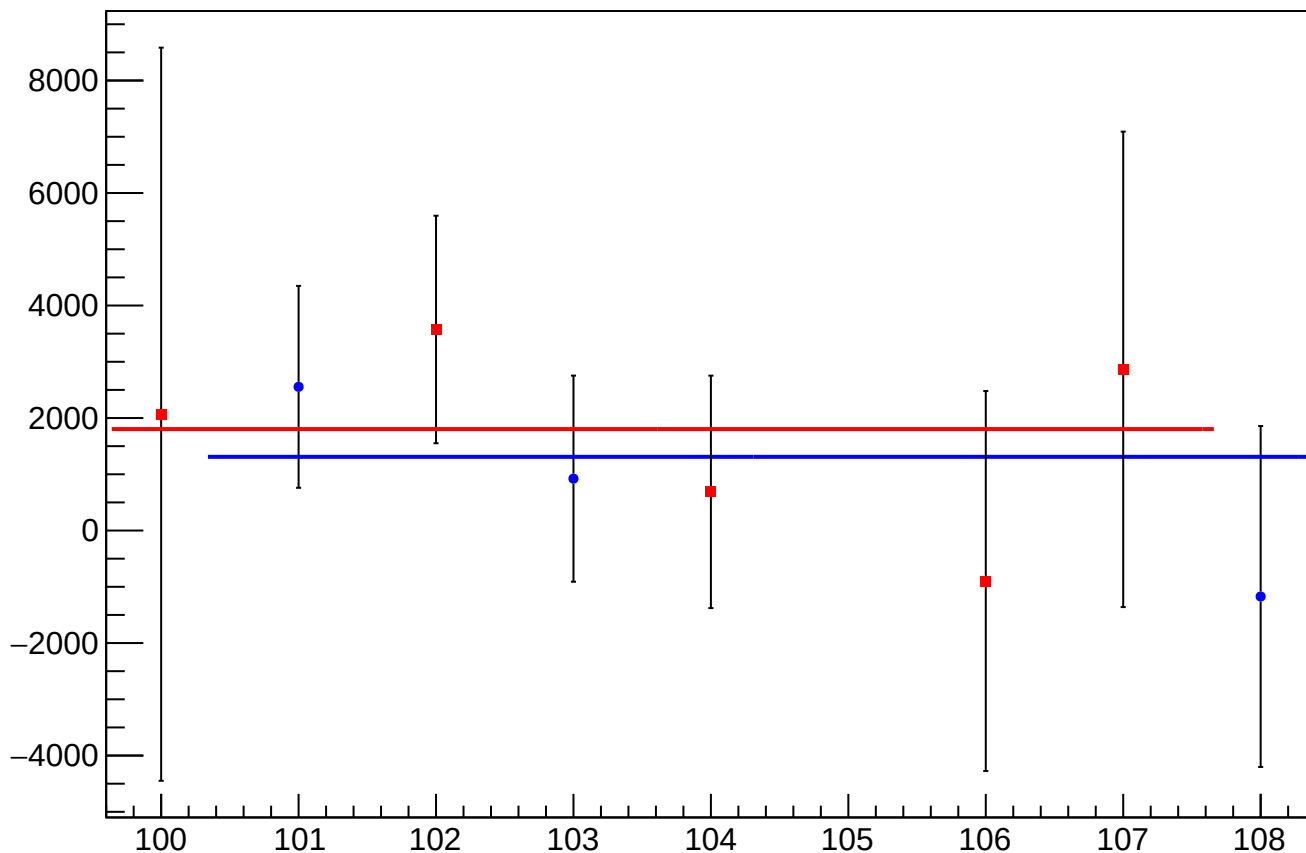
Right: 118.407+/-0.092 χ^2/NDF : 4157565.7/7

In: 433.618+/-0.297 χ^2/NDF :1099040.6/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 118.407+/-0.092 χ^2/NDF : 4157565.7/7

cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1310.601+/-1180.652 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1804.074+/-1244.138 χ^2/NDF : 1.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

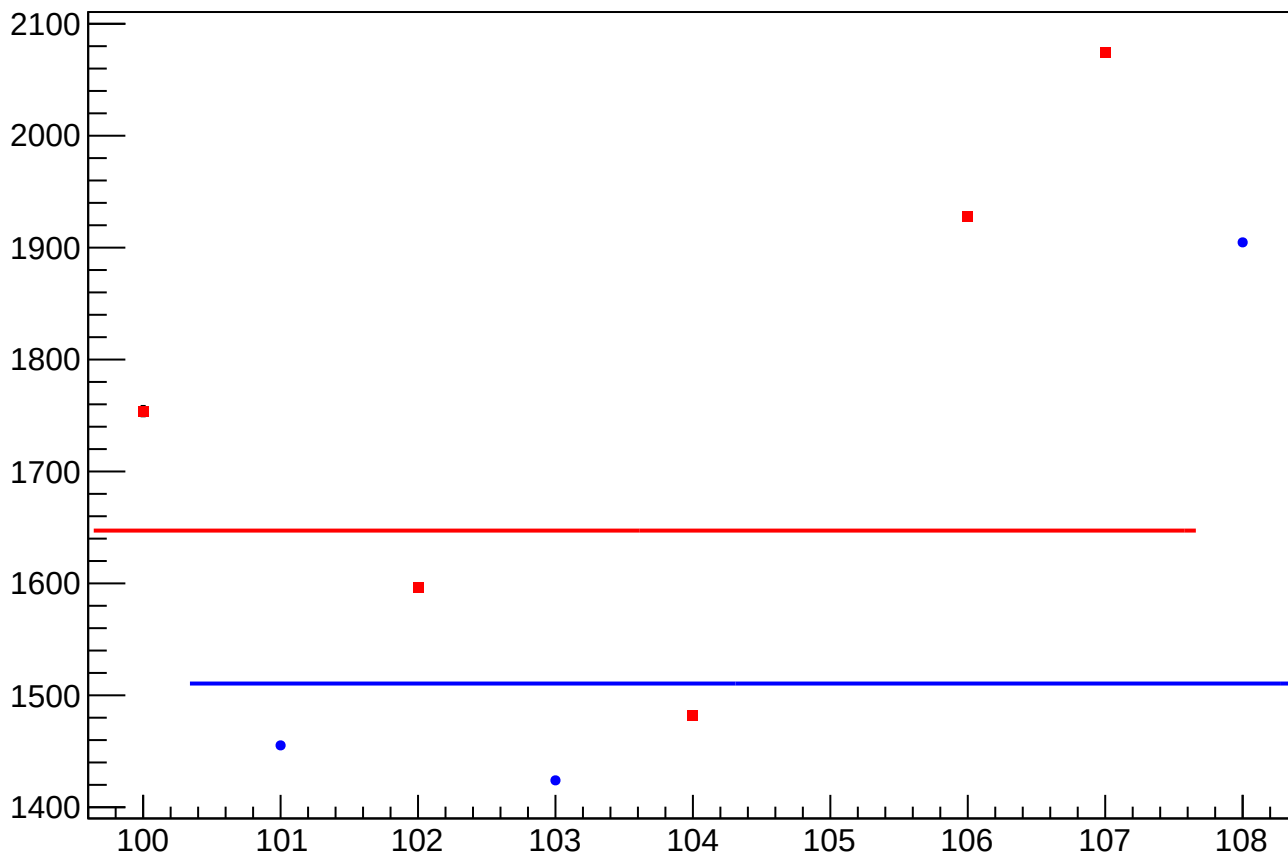
Right: 1544.426+/-856.411 χ^2/NDF : 3.0/7

In: 1310.601+/-1180.652 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1544.426+/-856.411 χ^2/NDF : 3.0/7

cor_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1510.525+/-0.835 χ^2/NDF : 40201.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1647.188+/-0.880 χ^2/NDF : 48889.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

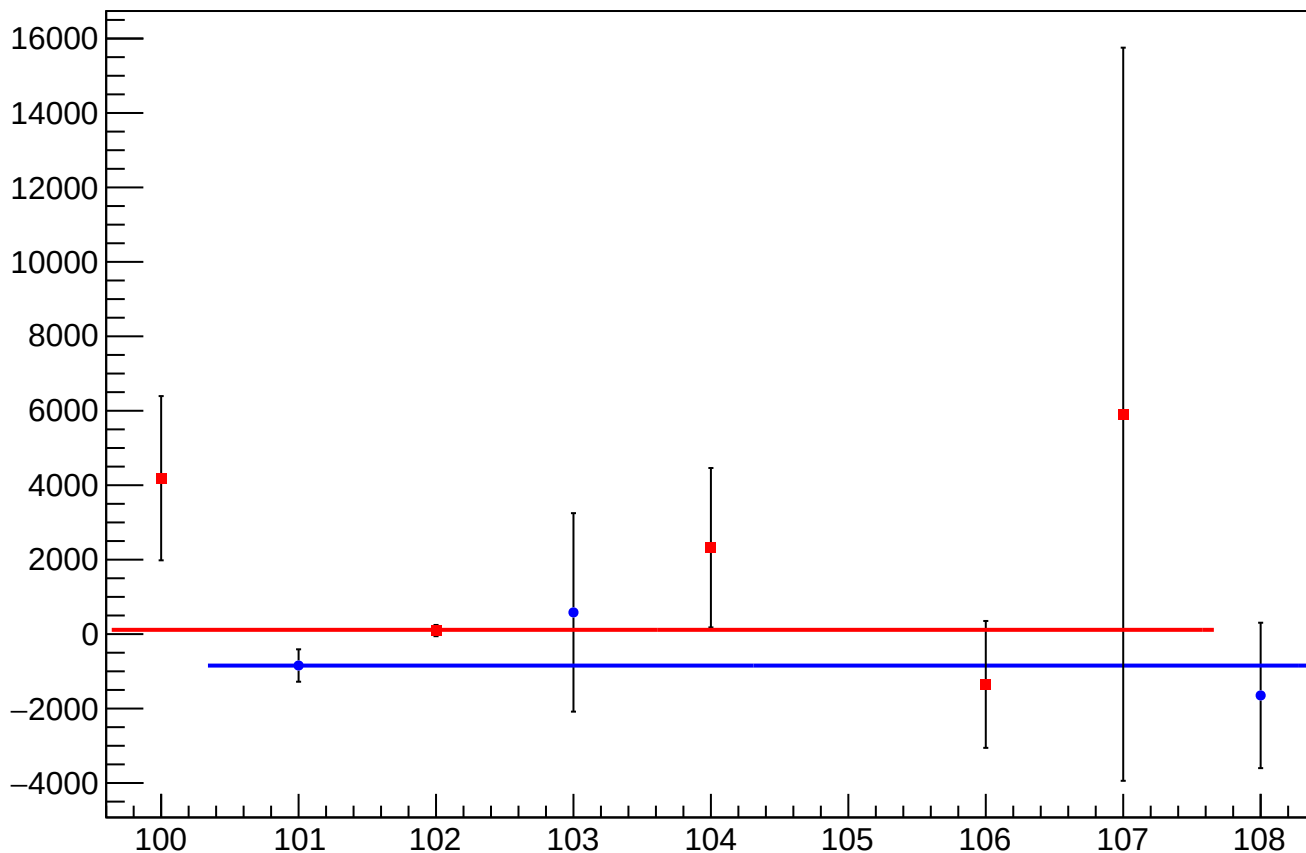
Right: 1575.281+/-0.606 χ^2/NDF : 101788.9/7

In: 1510.525+/-0.835 χ^2/NDF : 40201.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1575.281+/-0.606 χ^2/NDF : 101788.9/7

asym_usl_atl1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -845.557+/-419.675 χ^2/NDF : 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.731+/-149.443 χ^2/NDF : 5.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

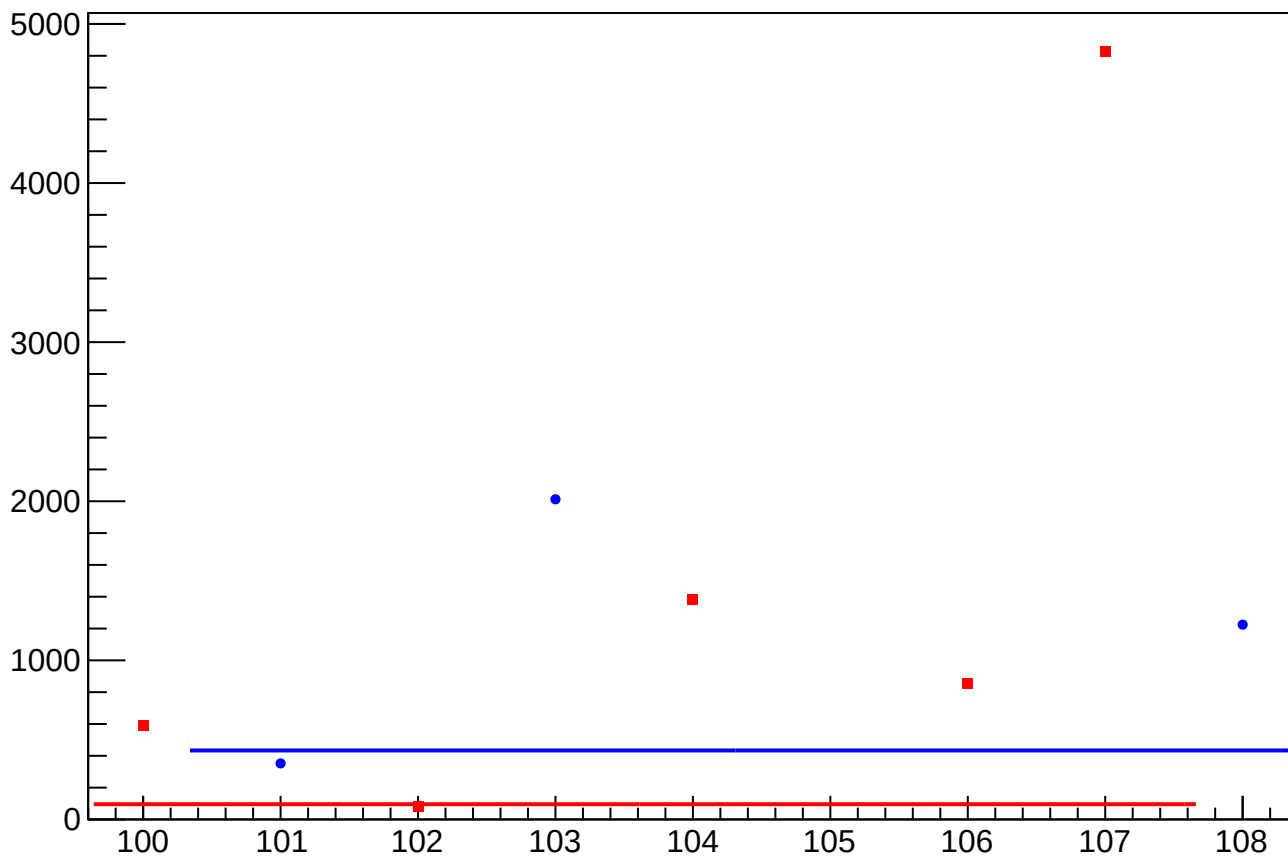
Right: 6.668+/-140.783 χ^2/NDF : 10.7/7

In: -845.557+/-419.675 χ^2/NDF : 0.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.668+/-140.783 χ^2/NDF : 10.7/7

asym_usl_atl1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 433.614+/-0.297 χ^2/NDF : 1099046.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.800+/-0.106 χ^2/NDF : 1703279.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

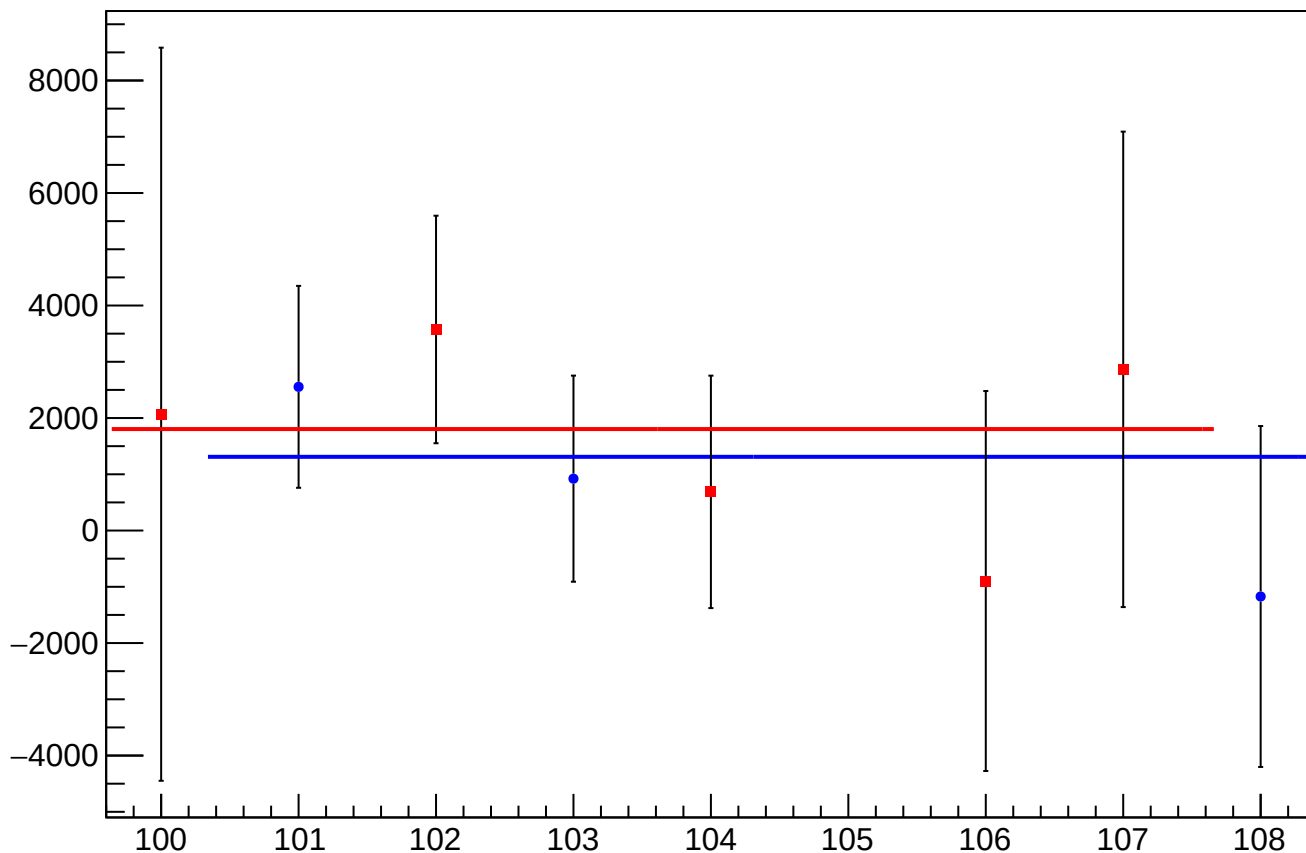
Right: 133.815+/-0.100 χ^2/NDF : 3952364.4/7

In: 433.614+/-0.297 χ^2/NDF : 1099046.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.815+/-0.100 χ^2/NDF : 3952364.4/7

eigen_cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1310.601+/-1180.652 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1804.074+/-1244.138 χ^2/NDF : 1.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

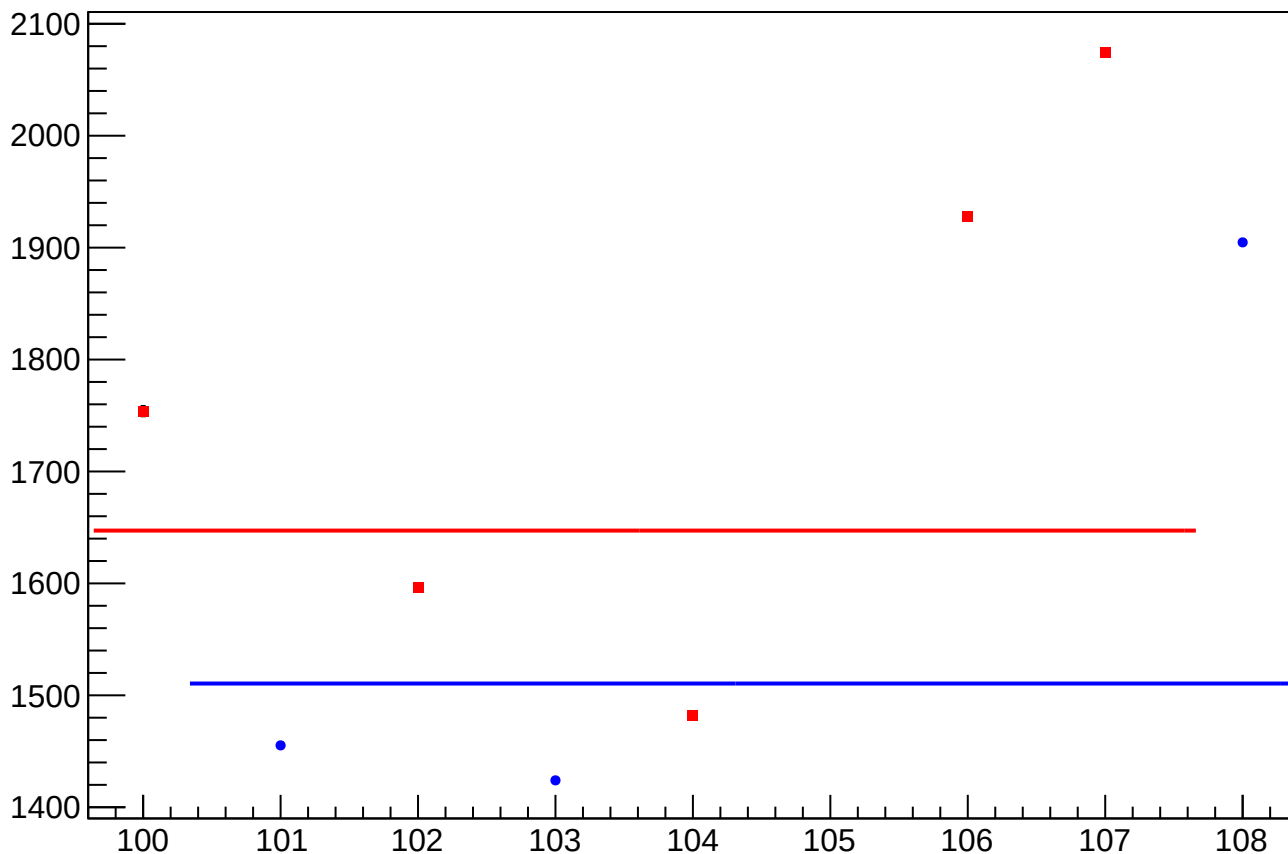
Right: 1544.426+/-856.411 χ^2/NDF : 3.0/7

In: 1310.601+/-1180.652 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1544.426+/-856.411 χ^2/NDF : 3.0/7

eigen_cor_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1510.525 $\pm$ 0.835 χ^2 /NDF: 40201.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1647.188 $\pm$ 0.880 χ^2 /NDF: 48889.8/4

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

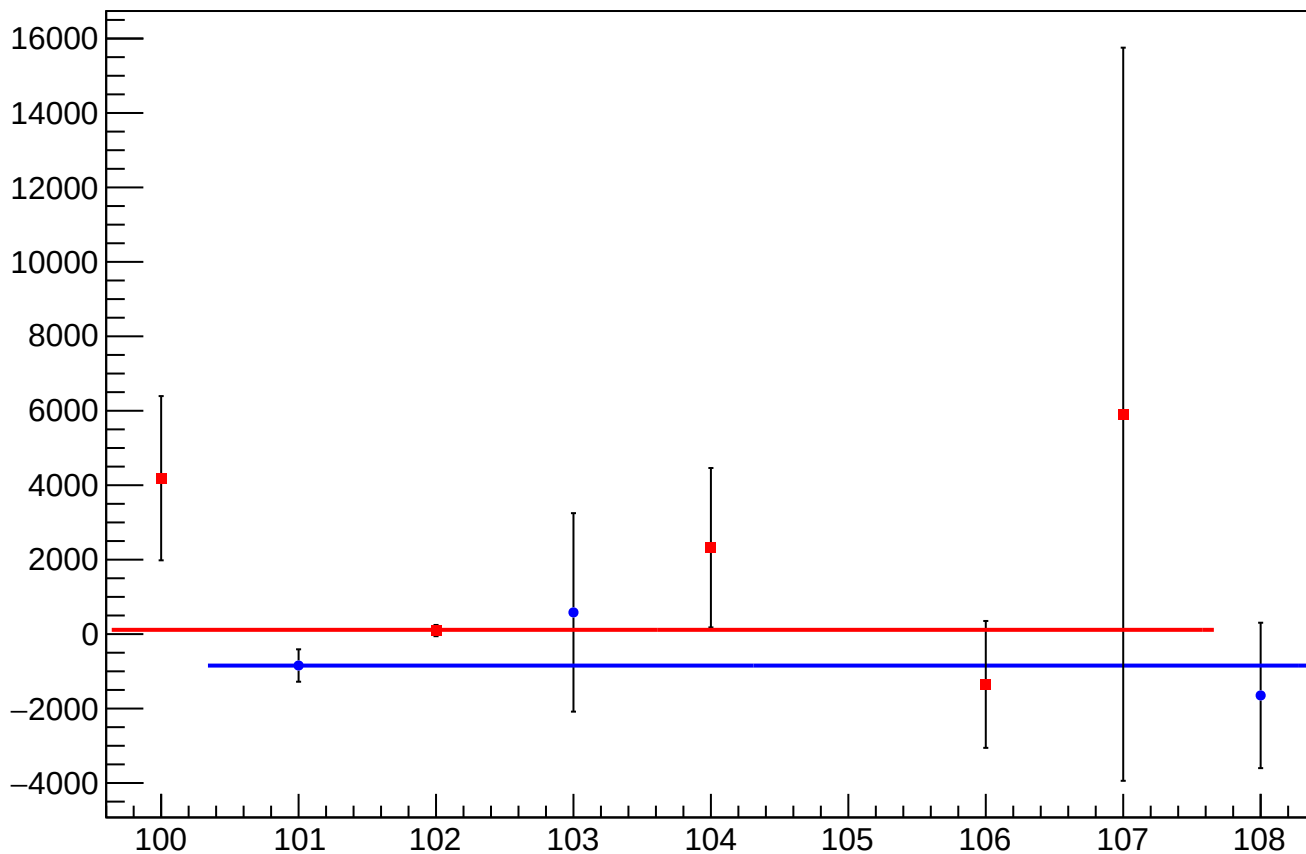
Right: 1575.281 $\pm$ 0.606 χ^2 /NDF: 101788.9/7

In: 1510.525 $\pm$ 0.835 χ^2 /NDF:40201.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1575.281 $\pm$ 0.606 χ^2 /NDF: 101788.9/7

asym_usl_atl1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -845.557 $\pm$ 419.675 χ^2 /NDF: 0.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 114.731 $\pm$ 149.443 χ^2 /NDF: 5.6/4

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

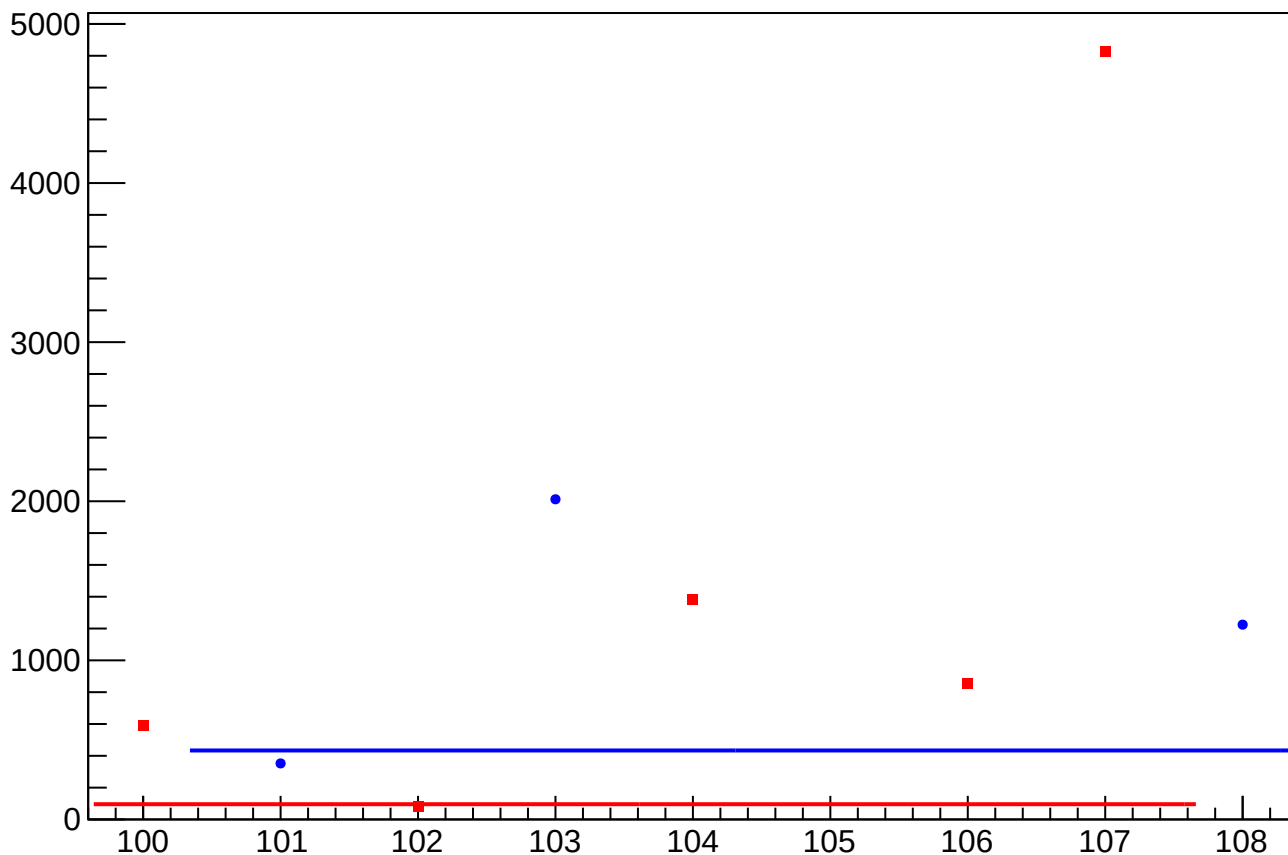
Right: 6.668 $\pm$ 140.783 χ^2 /NDF: 10.7/7

In: -845.557 $\pm$ 419.675 χ^2 /NDF:0.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 6.668 $\pm$ 140.783 χ^2 /NDF: 10.7/7

asym_usl_atl1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 433.614+/-0.297 χ^2/NDF : 1099046.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.800+/-0.106 χ^2/NDF : 1703279.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

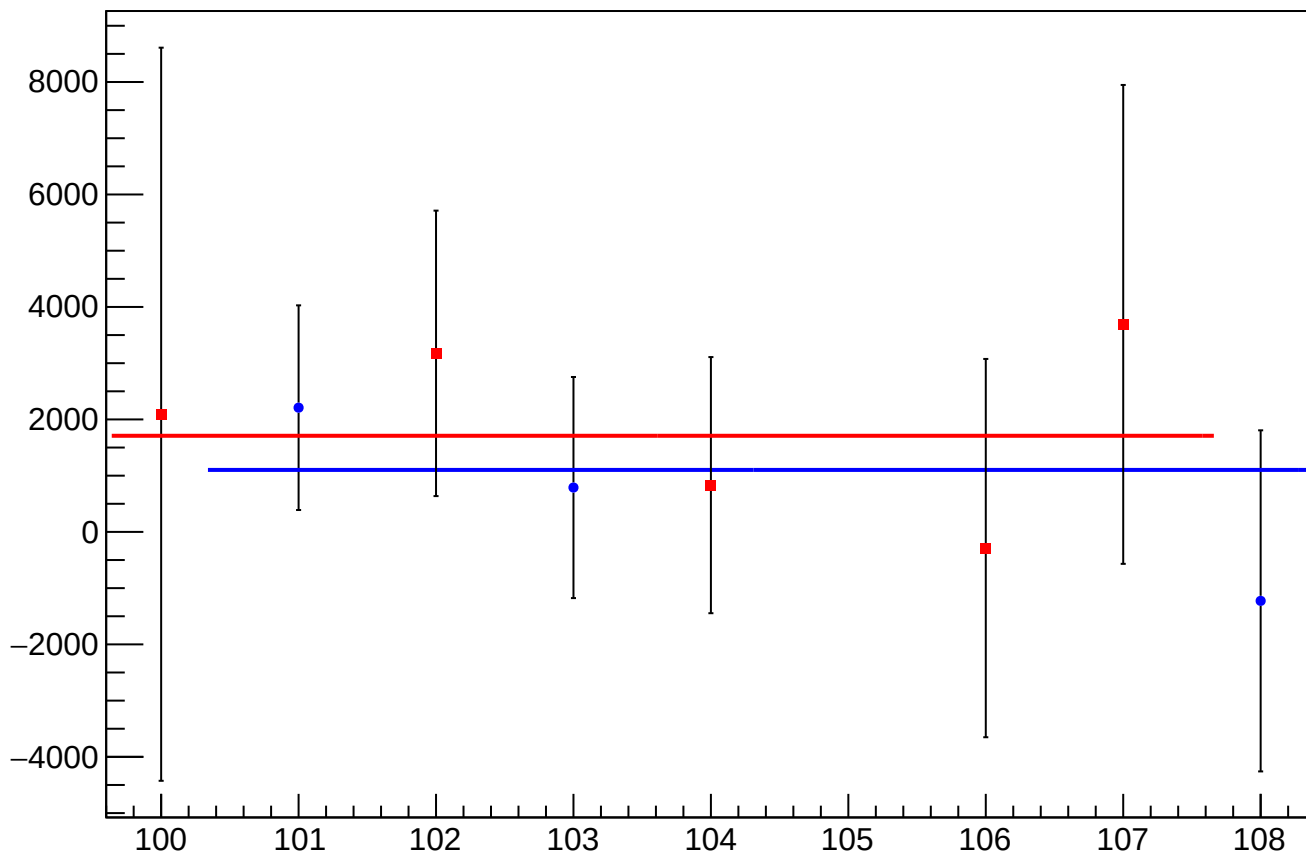
Right: 133.815+/-0.100 χ^2/NDF : 3952364.4/7

In: 433.614+/-0.297 χ^2/NDF : 1099046.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.815+/-0.100 χ^2/NDF : 3952364.4/7

dit_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1102.174+/-1222.148 χ^2/NDF : 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1709.264+/-1393.227 χ^2/NDF : 1.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

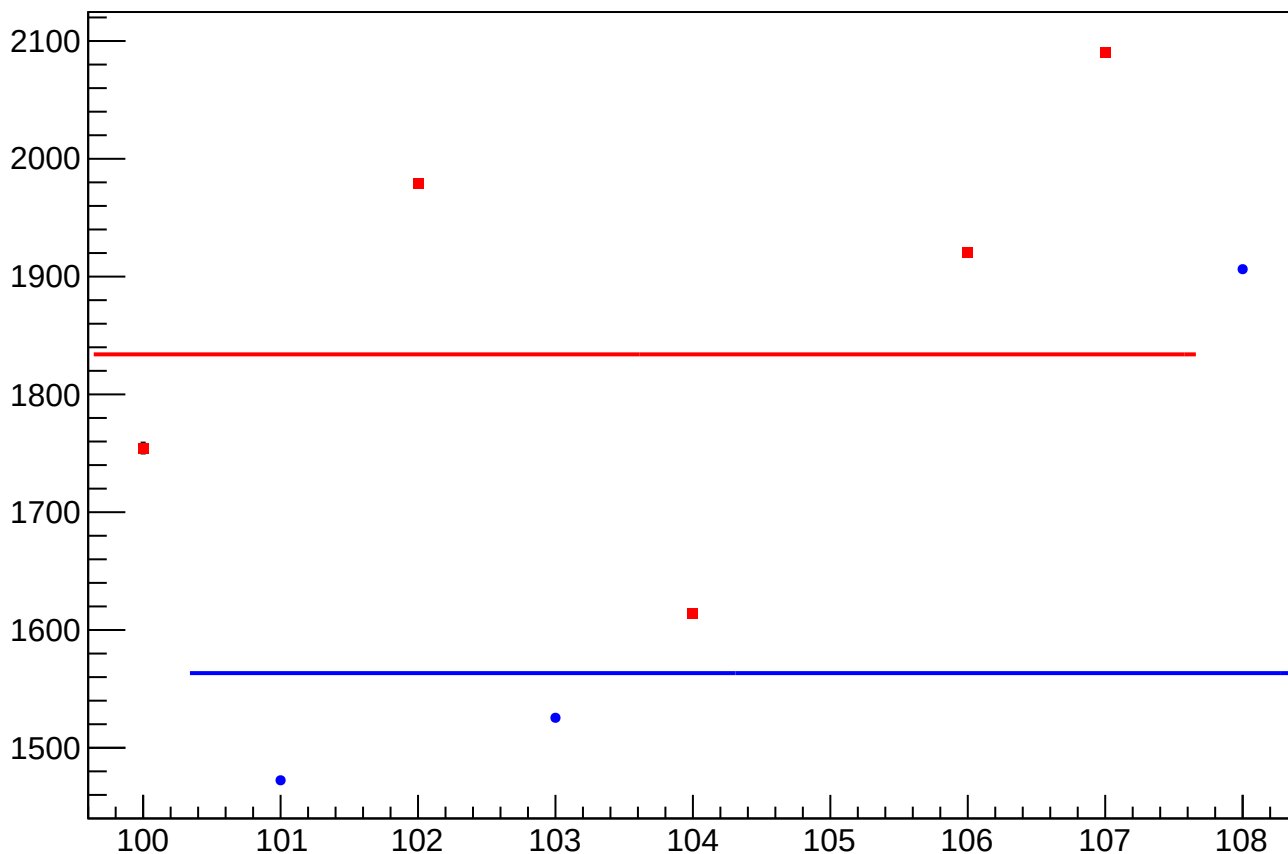
Right: 1366.177+/-918.755 χ^2/NDF : 2.1/7

In: 1102.174+/-1222.148 χ^2/NDF : 1.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1366.177+/-918.755 χ^2/NDF : 2.1/7

dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1563.395 $\pm$ 0.864 χ^2 /NDF: 31314.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1833.986 $\pm$ 0.985 χ^2 /NDF: 34102.5/4

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

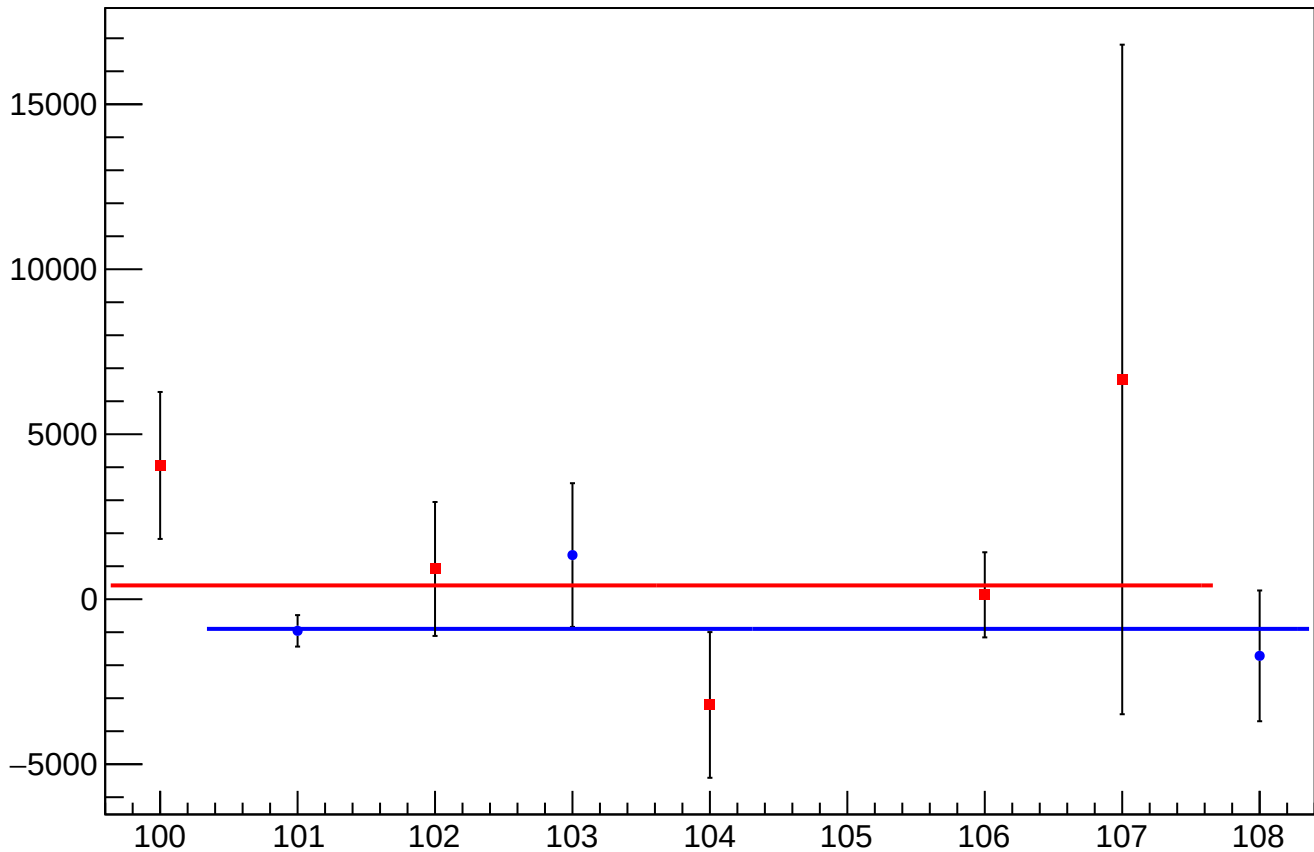
Right: 1681.066 $\pm$ 0.650 χ^2 /NDF: 108052.4/7

In: 1563.395 $\pm$ 0.864 χ^2 /NDF:31314.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1681.066 $\pm$ 0.650 χ^2 /NDF: 108052.4/7

asym_usl_atl1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -898.598+/-453.477 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 418.538+/-890.763 χ^2/NDF : 5.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

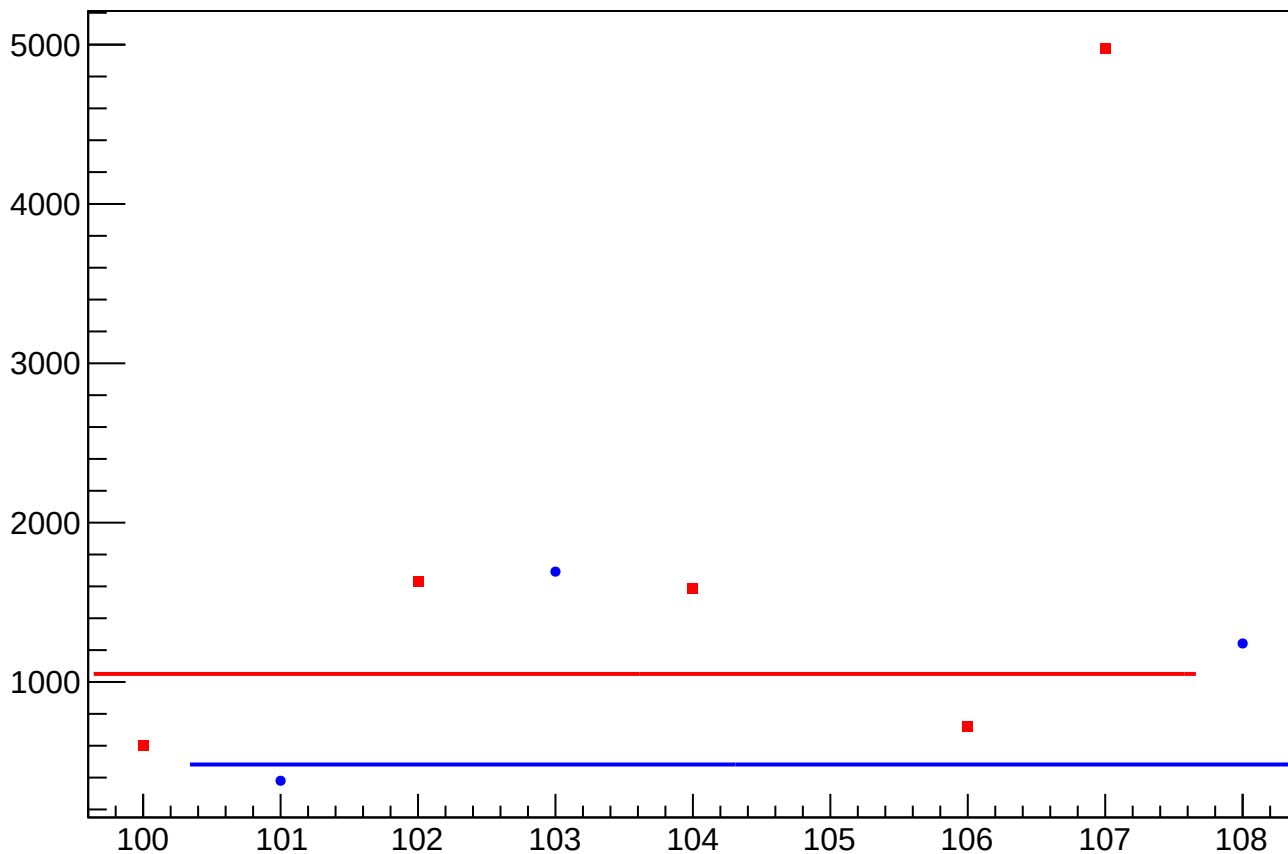
Right: -627.496+/-404.123 χ^2/NDF : 8.8/7

In: -898.598+/-453.477 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -627.496+/-404.123 χ^2/NDF : 8.8/7

asym_usl_atl1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 482.231+/-0.321 χ^2/NDF : 1003076.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1050.572+/-0.630 χ^2/NDF : 791261.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

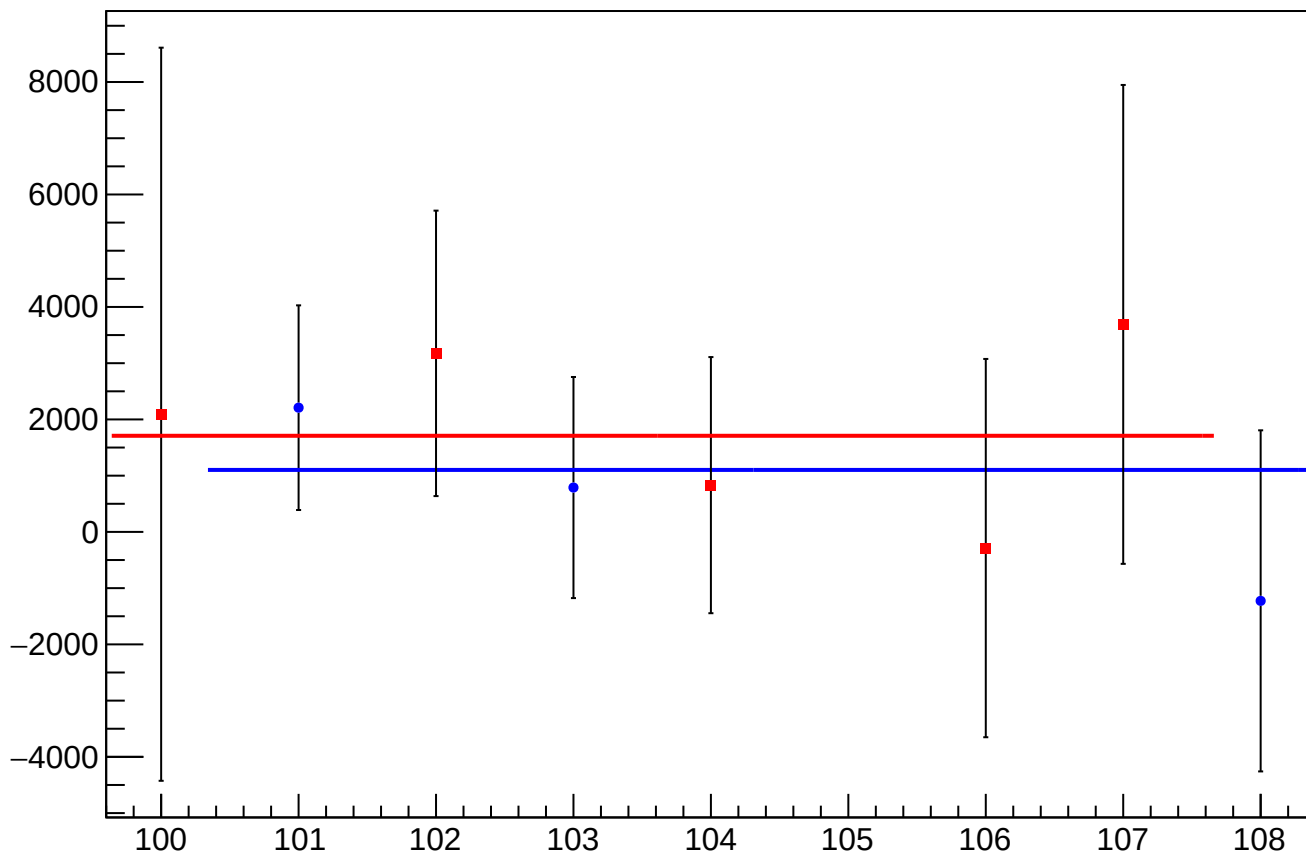
Right: 599.211+/-0.286 χ^2/NDF : 2440943.3/7

In: 482.231+/-0.321 χ^2/NDF : 1003076.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 599.211+/-0.286 χ^2/NDF : 2440943.3/7

eigen_dit_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1102.170+/-1222.147 χ^2/NDF : 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1709.256+/-1393.226 χ^2/NDF : 1.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

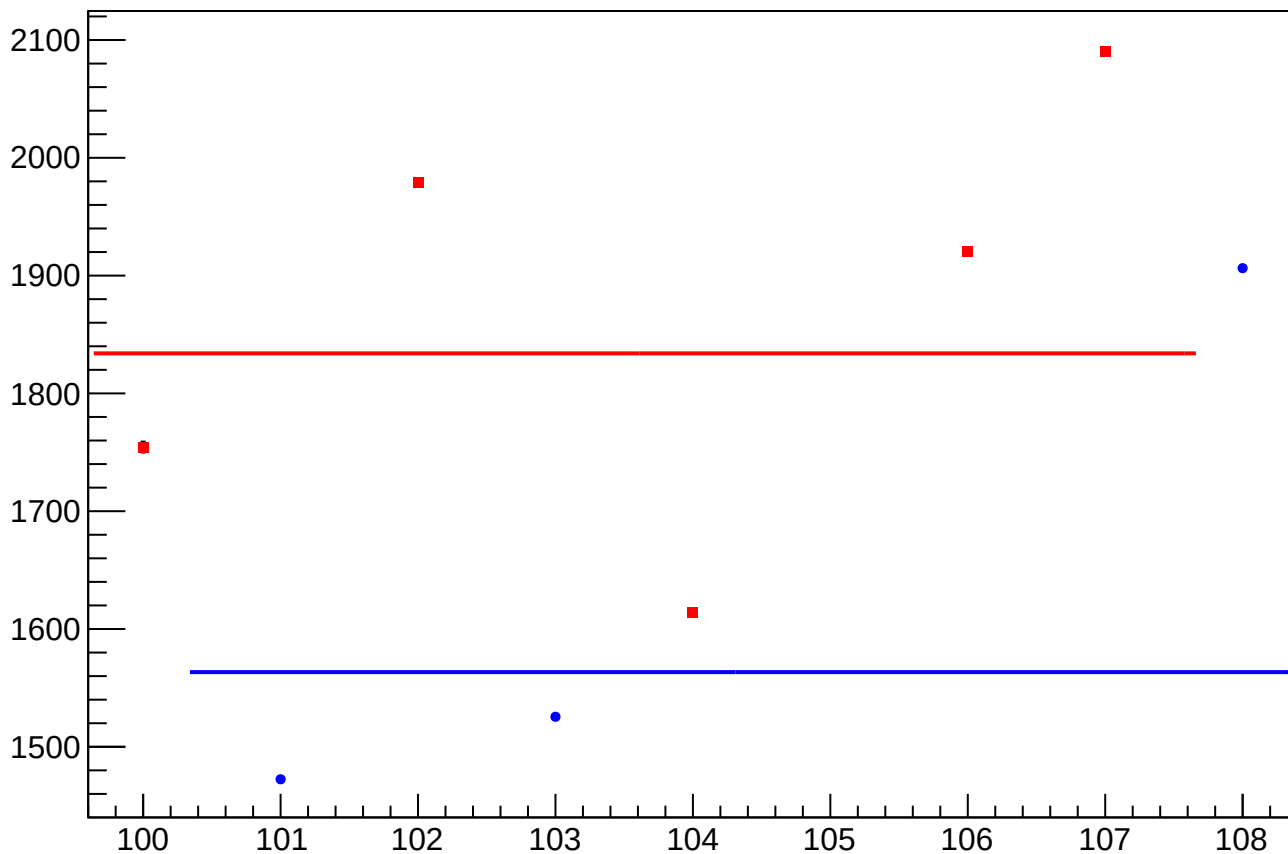
Right: 1366.171+/-918.754 χ^2/NDF : 2.1/7

In: 1102.170+/-1222.147 χ^2/NDF : 1.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1366.171+/-918.754 χ^2/NDF : 2.1/7

eigen_dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1563.394+/-0.864 χ^2/NDF : 31315.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1833.985+/-0.985 χ^2/NDF : 34103.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

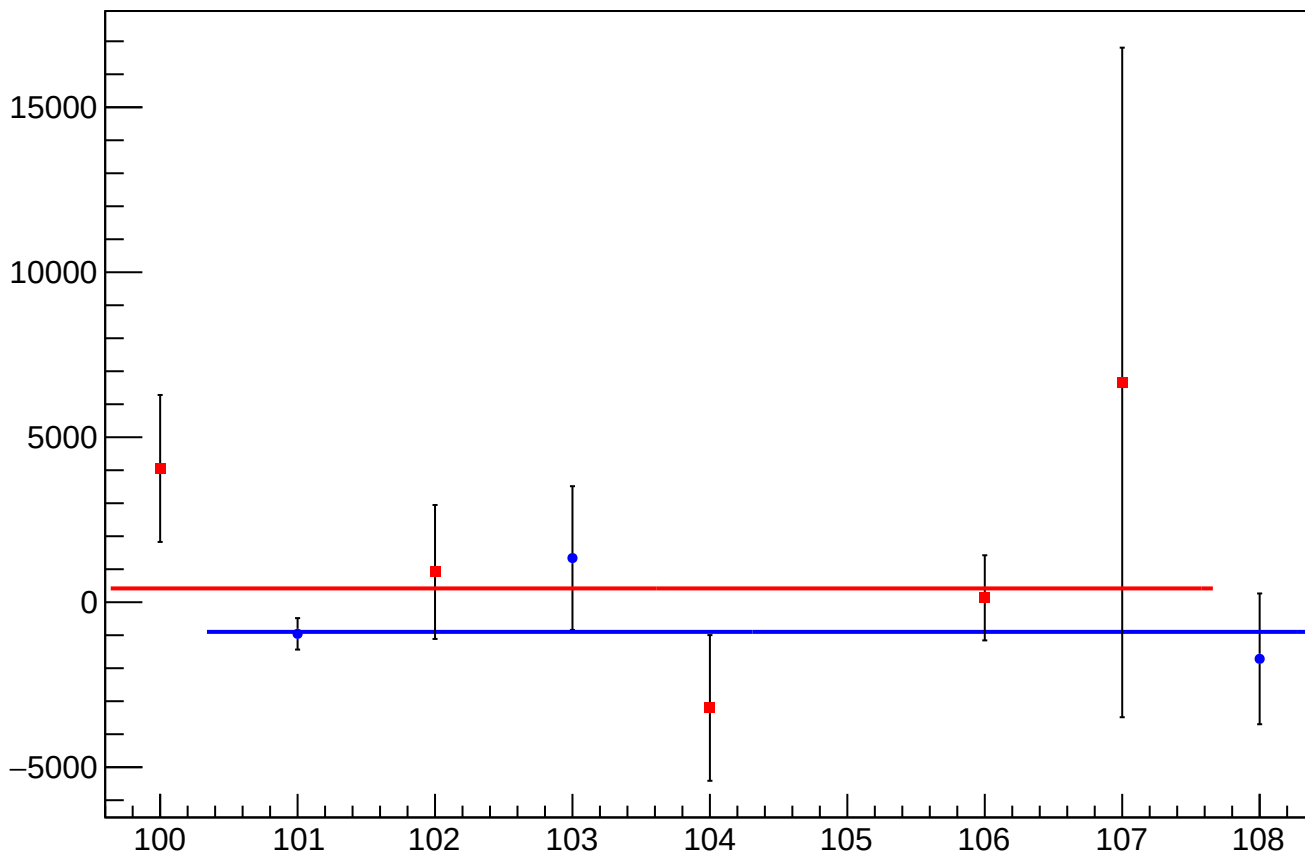
Right: 1681.065+/-0.650 χ^2/NDF : 108053.0/7

In: 1563.394+/-0.864 χ^2/NDF : 31315.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1681.065+/-0.650 χ^2/NDF : 108053.0/7

asym_usl_atl1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -898.601+/-453.478 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 418.539+/-890.764 χ^2/NDF : 5.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

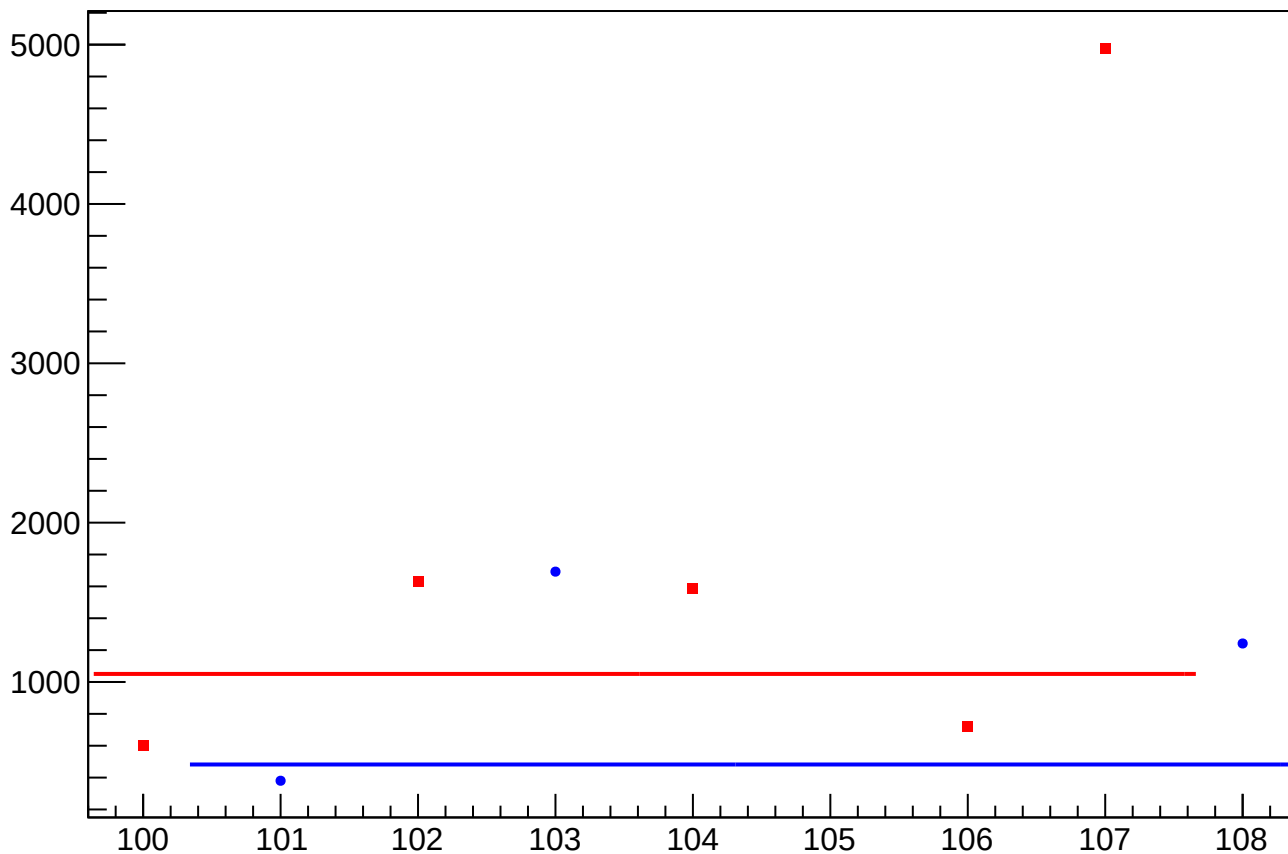
Right: -627.497+/-404.124 χ^2/NDF : 8.8/7

In: -898.601+/-453.478 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -627.497+/-404.124 χ^2/NDF : 8.8/7

asym_usl_atl1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 482.232 $\pm$ 0.321 χ^2 /NDF: 1003076.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1050.574 $\pm$ 0.630 χ^2 /NDF: 791263.2/4

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

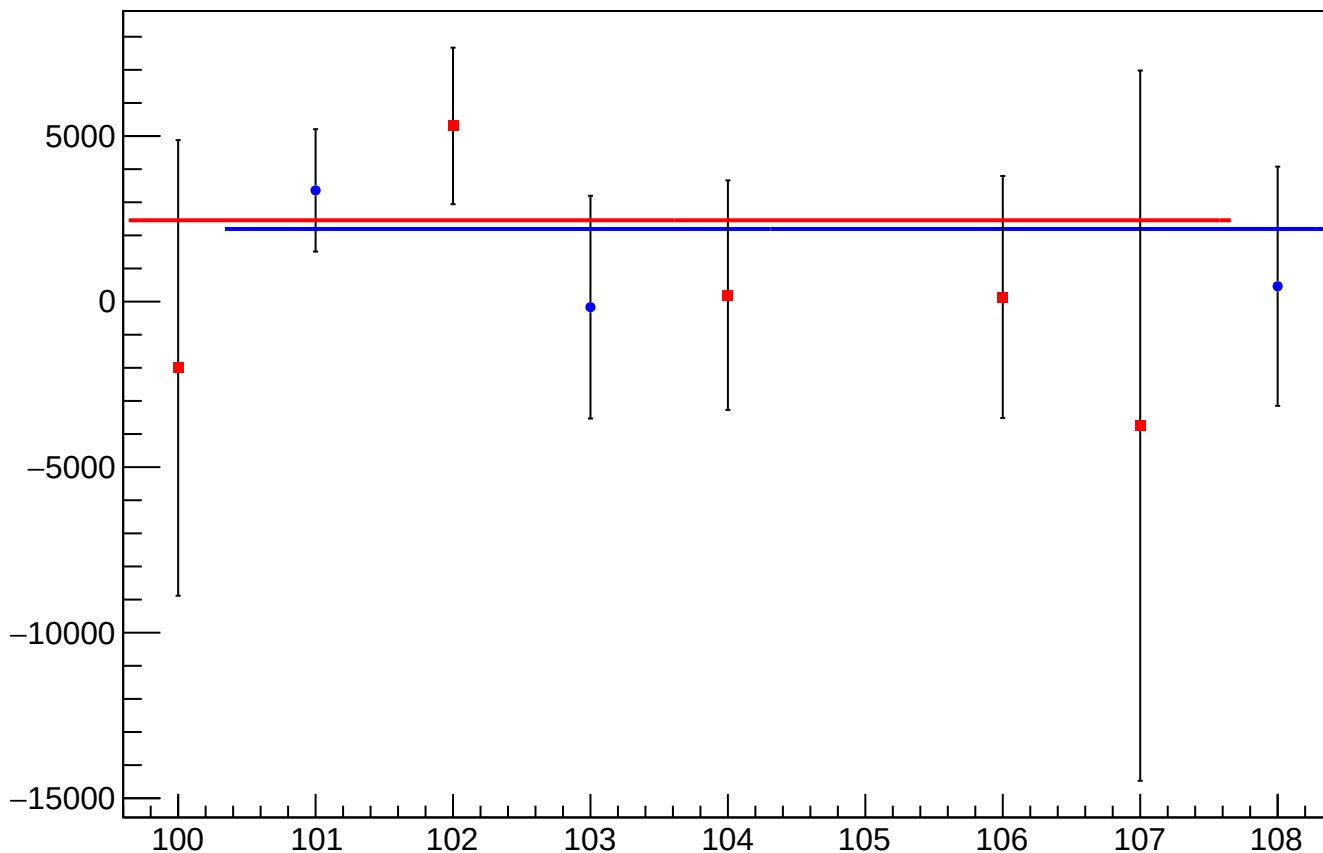
Right: 599.212 $\pm$ 0.286 χ^2 /NDF: 2440942.9/7

In: 482.232 $\pm$ 0.321 χ^2 /NDF:1003076.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 599.212 $\pm$ 0.286 χ^2 /NDF: 2440942.9/7

asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2194.394+/-1477.940 χ^2/NDF : 1.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2456.356+/-1650.977 χ^2/NDF : 3.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

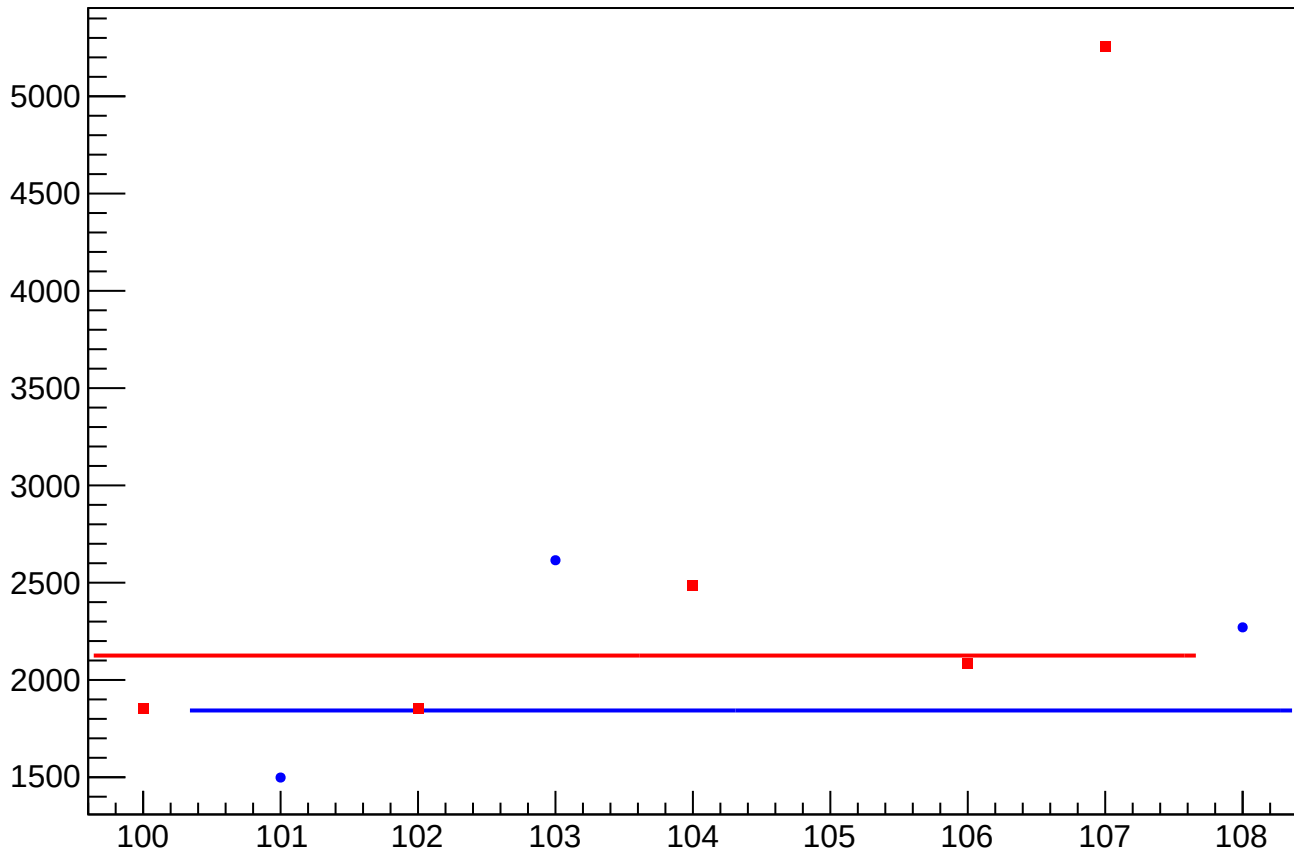
Right: 2310.932+/-1101.174 χ^2/NDF : 4.2/7

In: 2194.394+/-1477.940 χ^2/NDF : 1.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2310.932+/-1101.174 χ^2/NDF : 4.2/7

asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1843.172+/-1.045 χ^2/NDF : 202932.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2125.454+/-1.167 χ^2/NDF : 221571.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

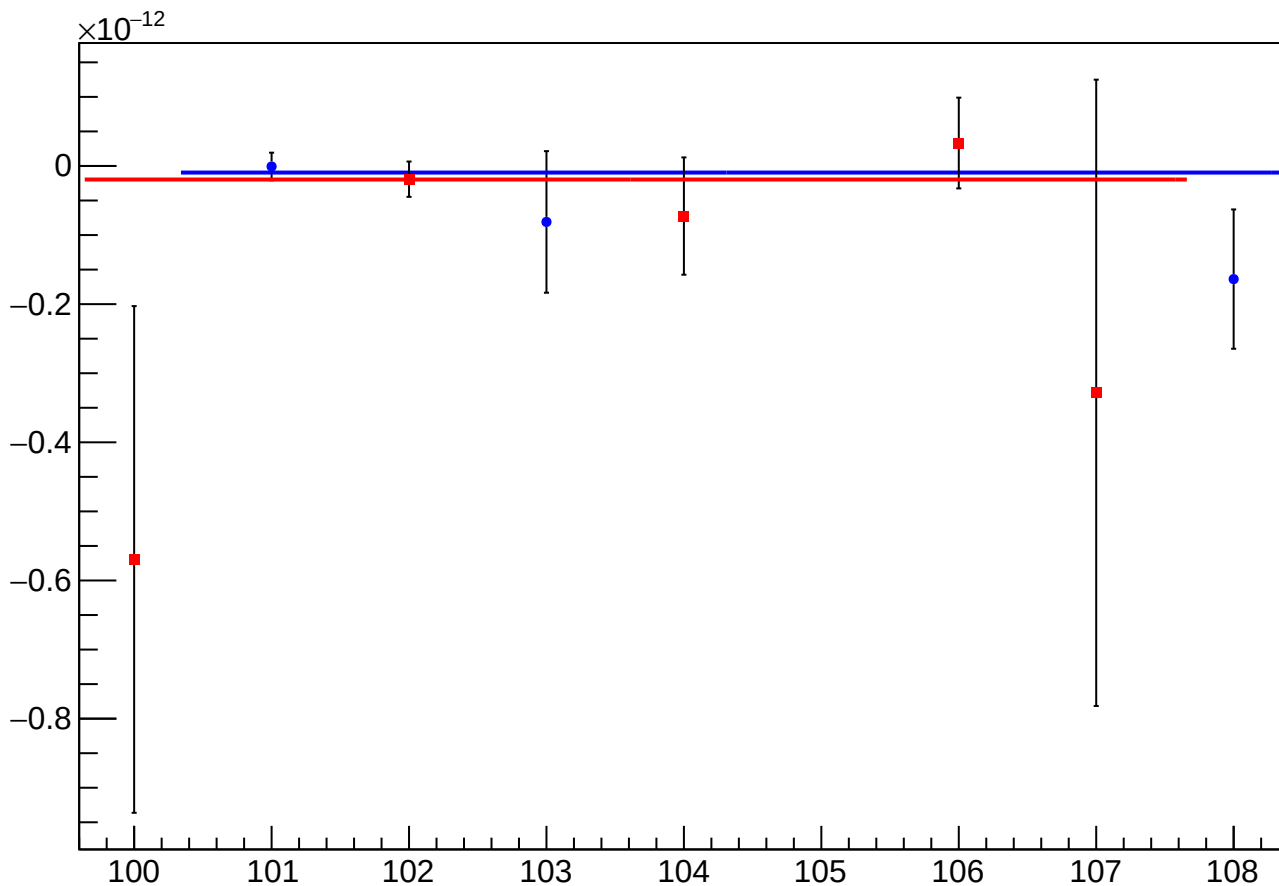
Right: 1968.750+/-0.779 χ^2/NDF : 456962.0/7

In: 1843.172+/-1.045 χ^2/NDF : 202932.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1968.750+/-0.779 χ^2/NDF : 456962.0/7

asym_usl_atl1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

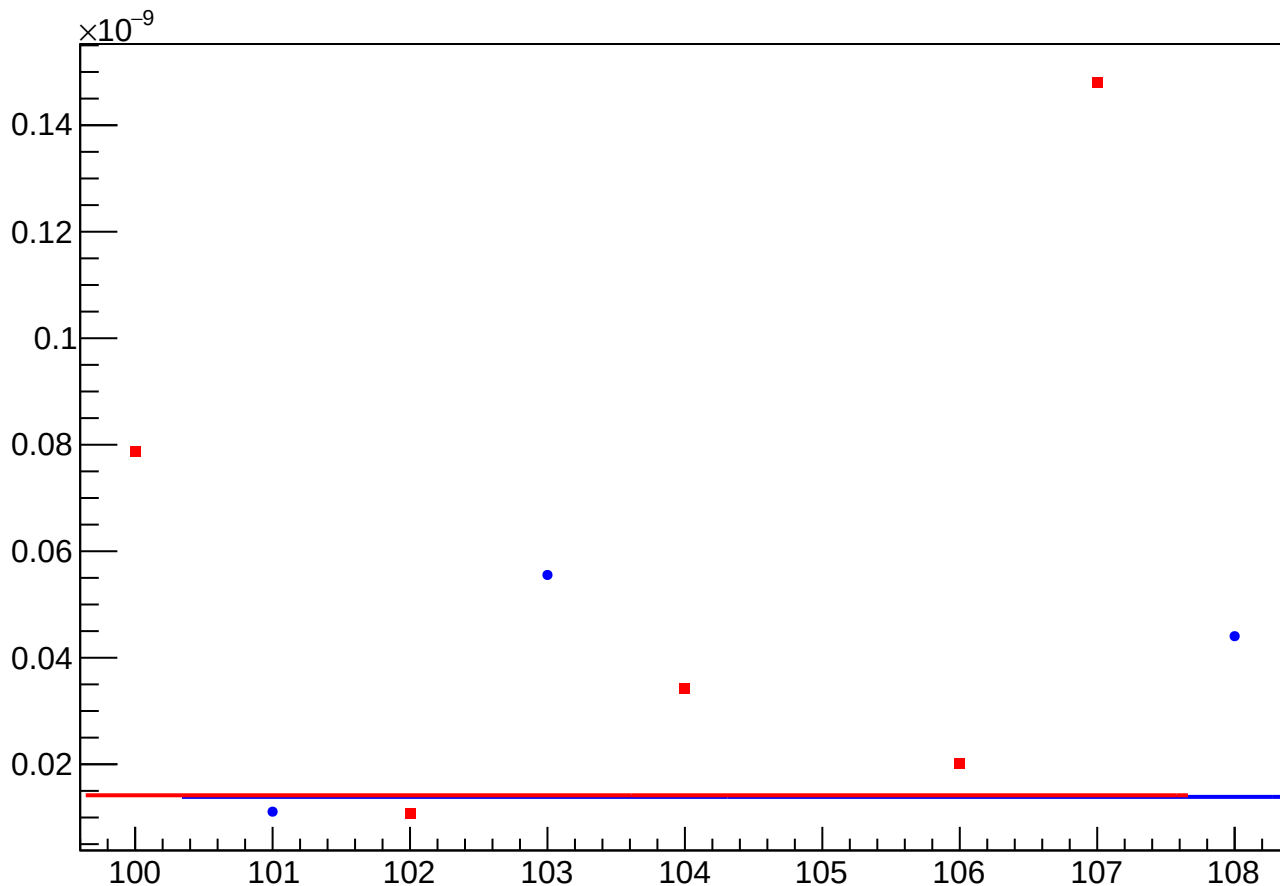
Right: -0.000+/-0.000 χ^2/NDF : 6.9/7

In: -0.000+/-0.000 χ^2/NDF : 3.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.9/7

asym_usl_atl1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 548462.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 401109.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

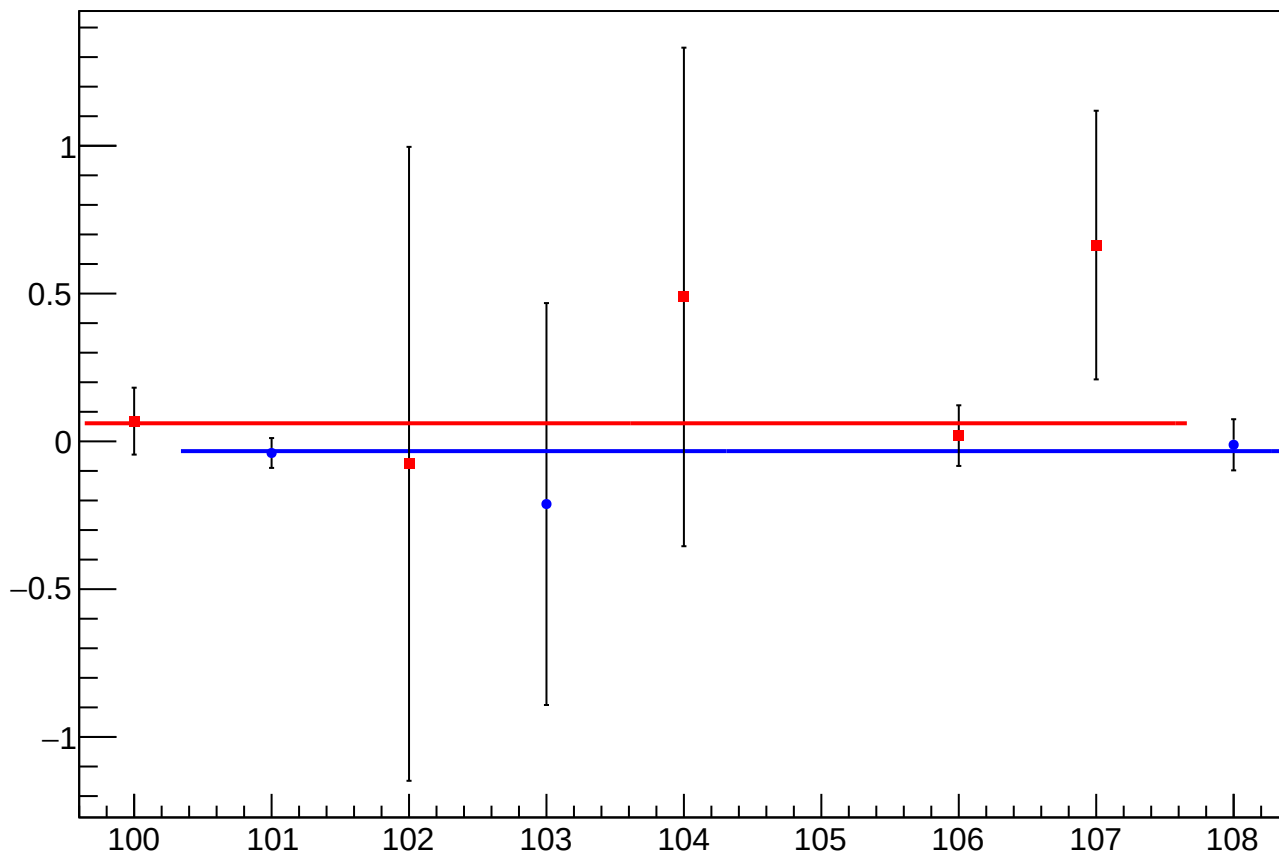
Right: 0.000+/-0.000 χ^2/NDF : 949772.2/7

In: 0.000+/-0.000 χ^2/NDF : 548462.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 949772.2/7

asym_usl_atl1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.033 $\pm$ 0.044 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.061 $\pm$ 0.074 χ^2 /NDF: 2.2/4

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

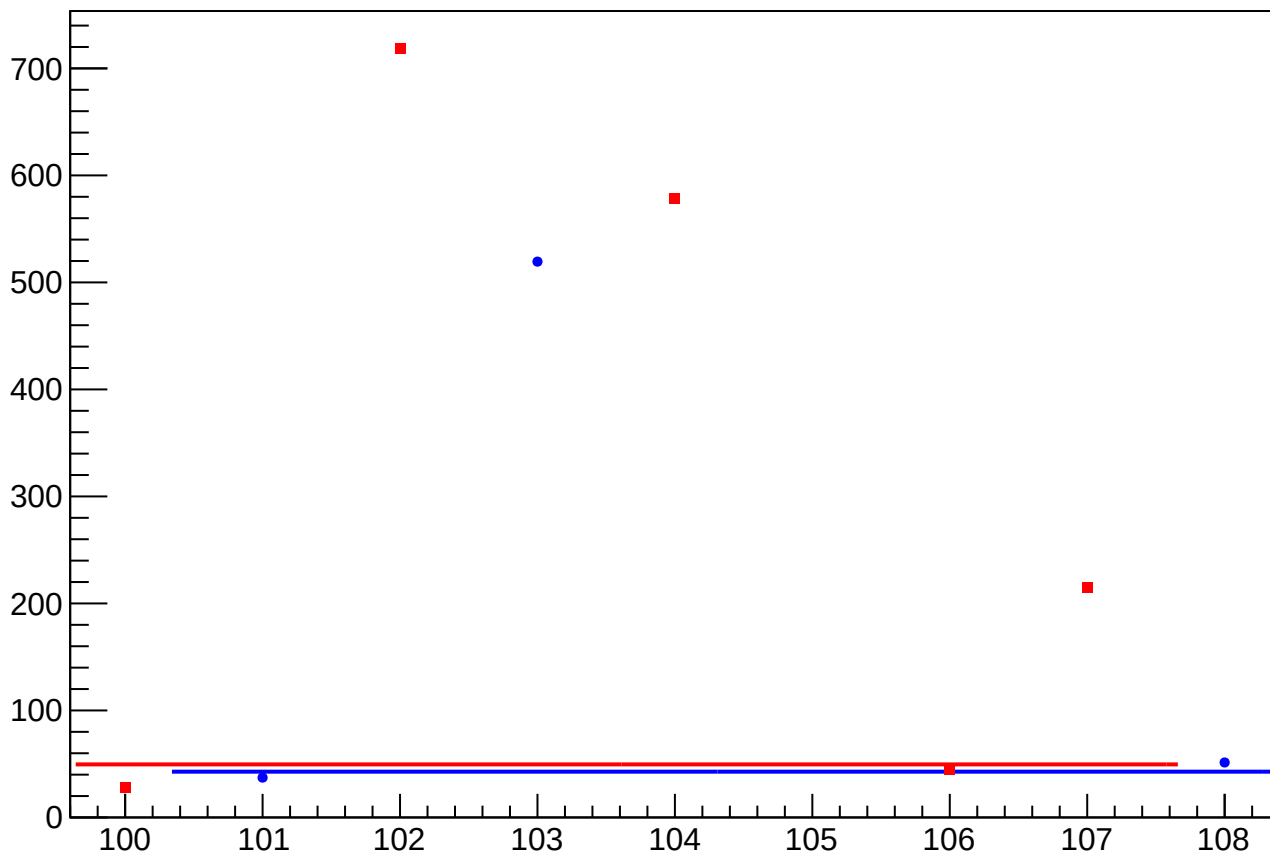
Right: -0.009 $\pm$ 0.038 χ^2 /NDF: 3.5/7

In: -0.033 $\pm$ 0.044 χ^2 /NDF:0.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.038 χ^2 /NDF: 3.5/7

asym_usl_atl1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.789+/-0.031 χ^2/NDF : 1026906.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.575+/-0.053 χ^2/NDF : 1906808.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

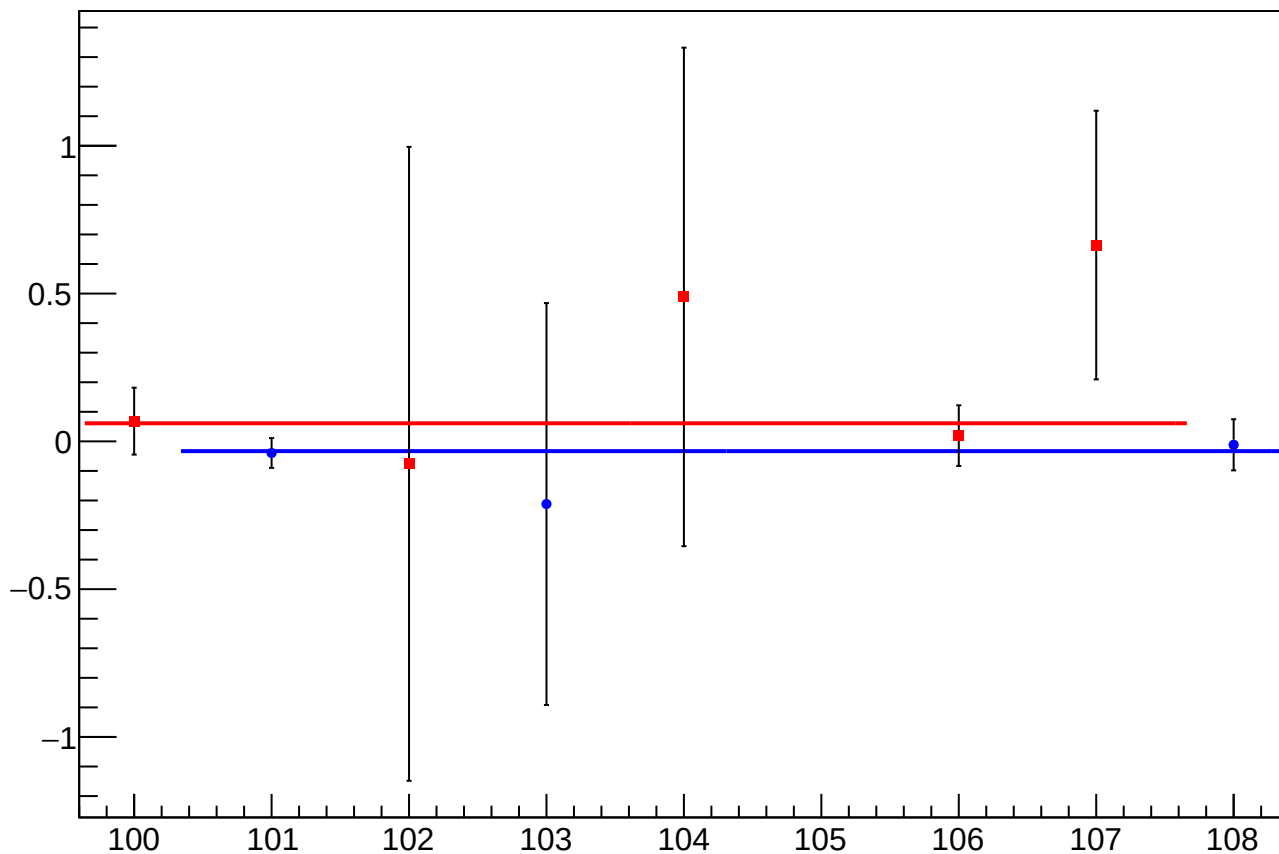
Right: 44.516+/-0.027 χ^2/NDF : 2946087.8/7

In: 42.789+/-0.031 χ^2/NDF : 1026906.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.516+/-0.027 χ^2/NDF : 2946087.8/7

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.033 $\pm$ 0.044 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.061 $\pm$ 0.074 χ^2 /NDF: 2.2/4

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

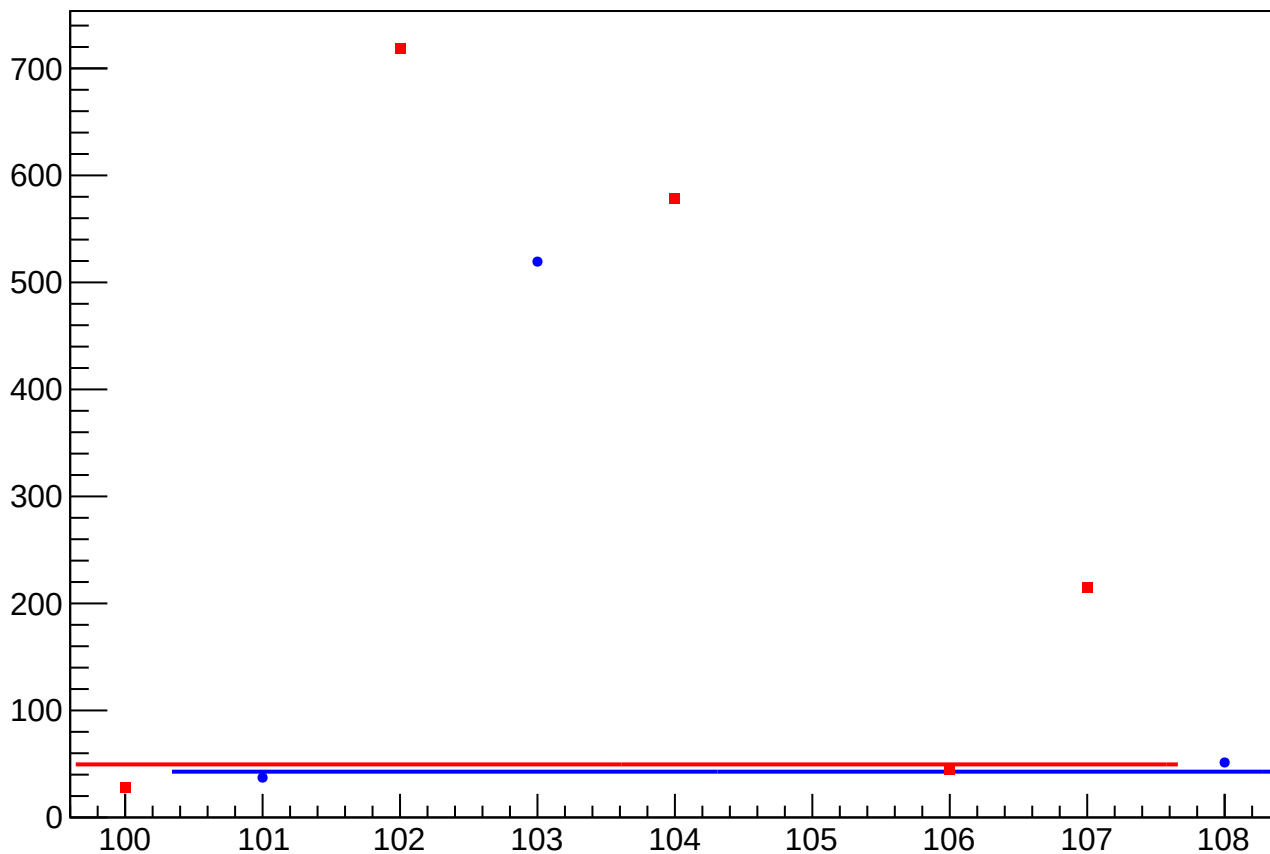
Right: -0.009 $\pm$ 0.038 χ^2 /NDF: 3.5/7

In: -0.033 $\pm$ 0.044 χ^2 /NDF:0.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.038 χ^2 /NDF: 3.5/7

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.789+/-0.031 χ^2/NDF : 1026906.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.575+/-0.053 χ^2/NDF : 1906808.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

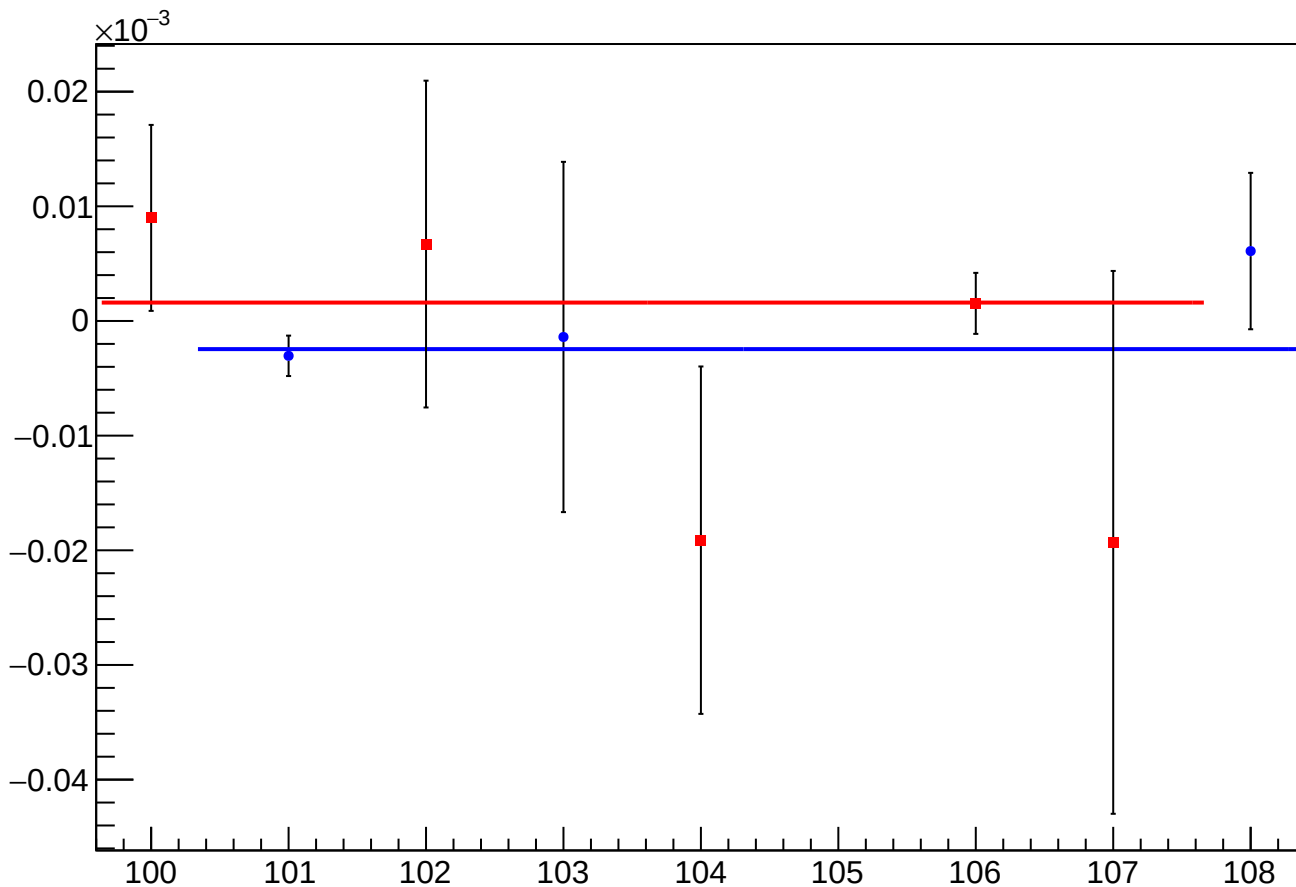
Right: 44.516+/-0.027 χ^2/NDF : 2946087.8/7

In: 42.789+/-0.031 χ^2/NDF : 1026906.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.516+/-0.027 χ^2/NDF : 2946087.8/7

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

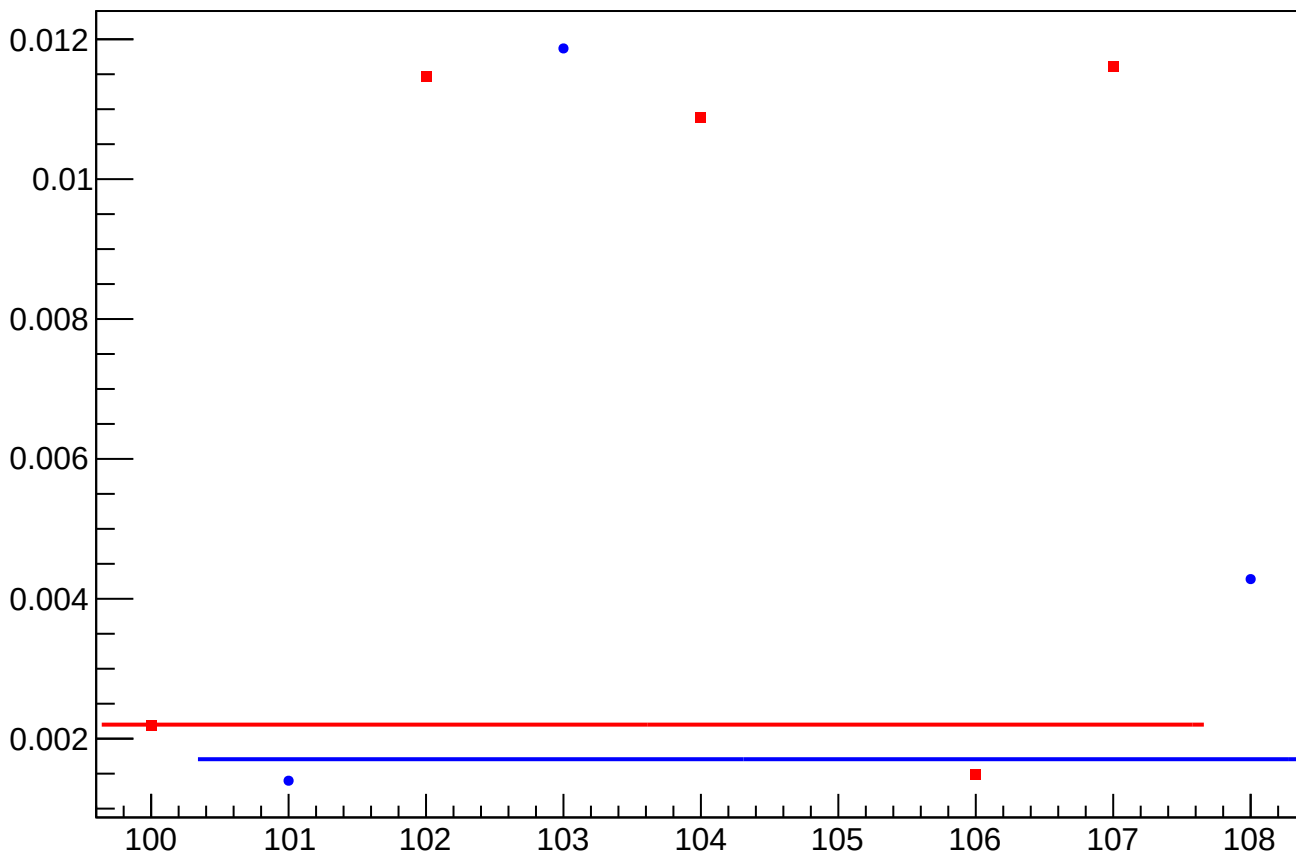
Right: -0.000+/-0.000 χ^2/NDF : 7.2/7

In: -0.000+/-0.000 χ^2/NDF : 1.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.2/7

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1231301.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1960181.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

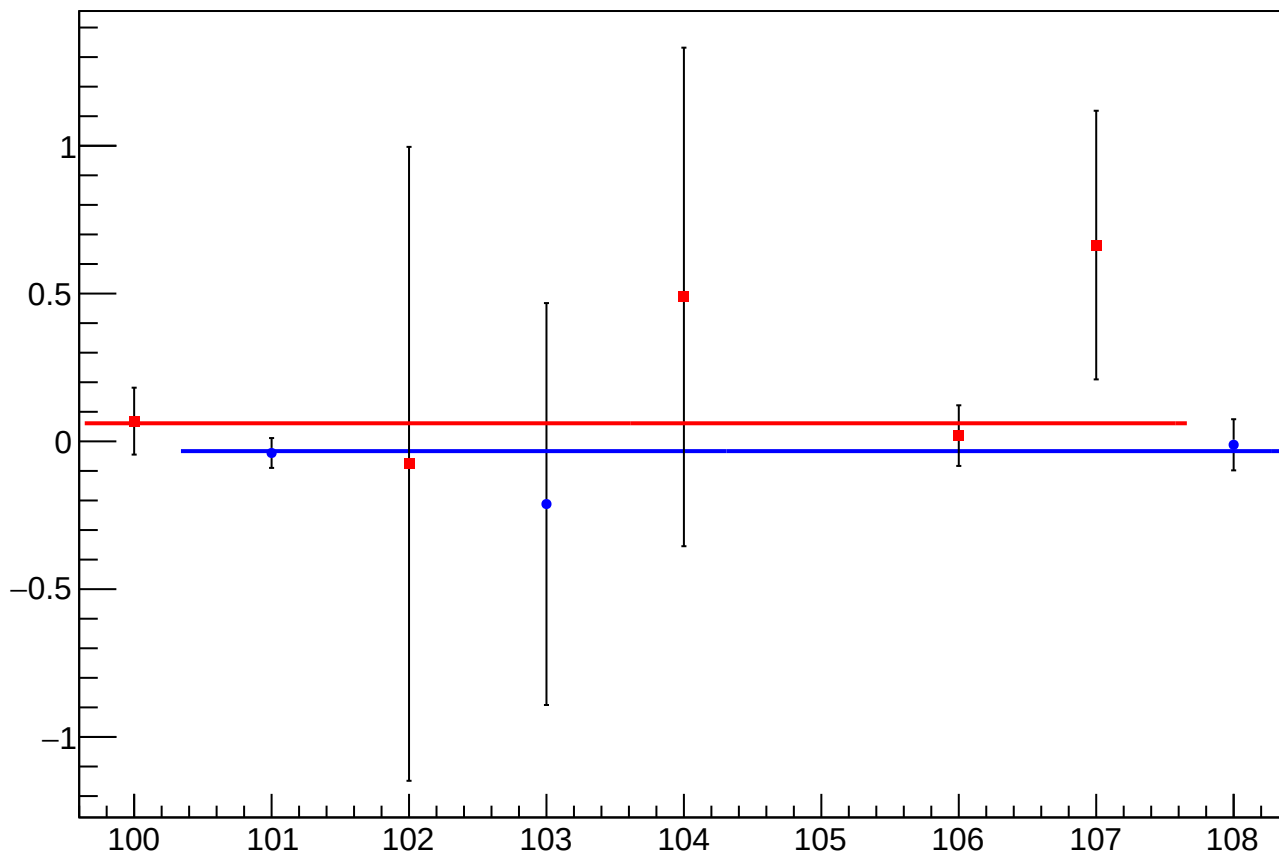
Right: 0.002+/-0.000 χ^2/NDF : 3246754.7/7

In: 0.002+/-0.000 χ^2/NDF : 1231301.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3246754.7/7

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.033 $\pm$ 0.044 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.061 $\pm$ 0.074 χ^2 /NDF: 2.2/4

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

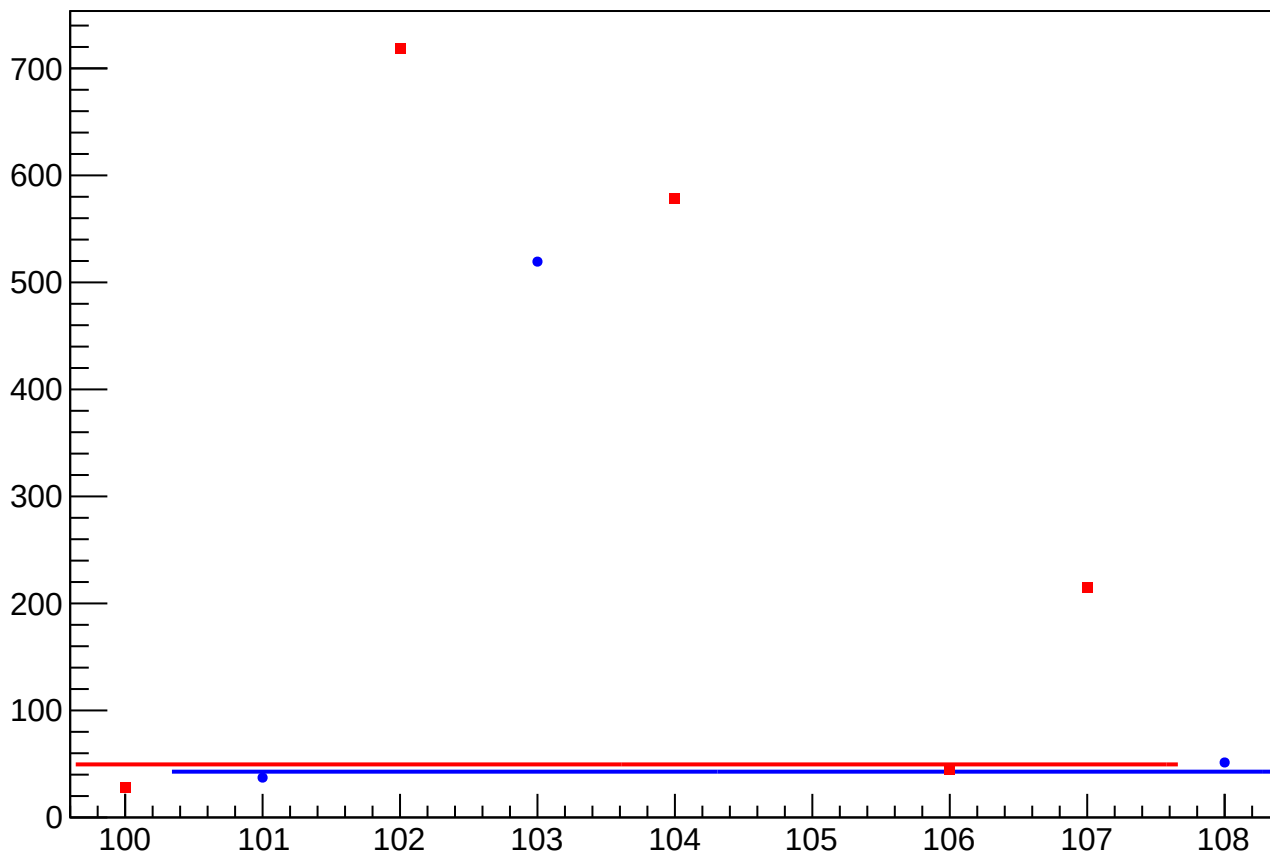
Right: -0.009 $\pm$ 0.038 χ^2 /NDF: 3.5/7

In: -0.033 $\pm$ 0.044 χ^2 /NDF:0.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.038 χ^2 /NDF: 3.5/7

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.790+/-0.031 χ^2/NDF : 1026906.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.574+/-0.053 χ^2/NDF : 1906798.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

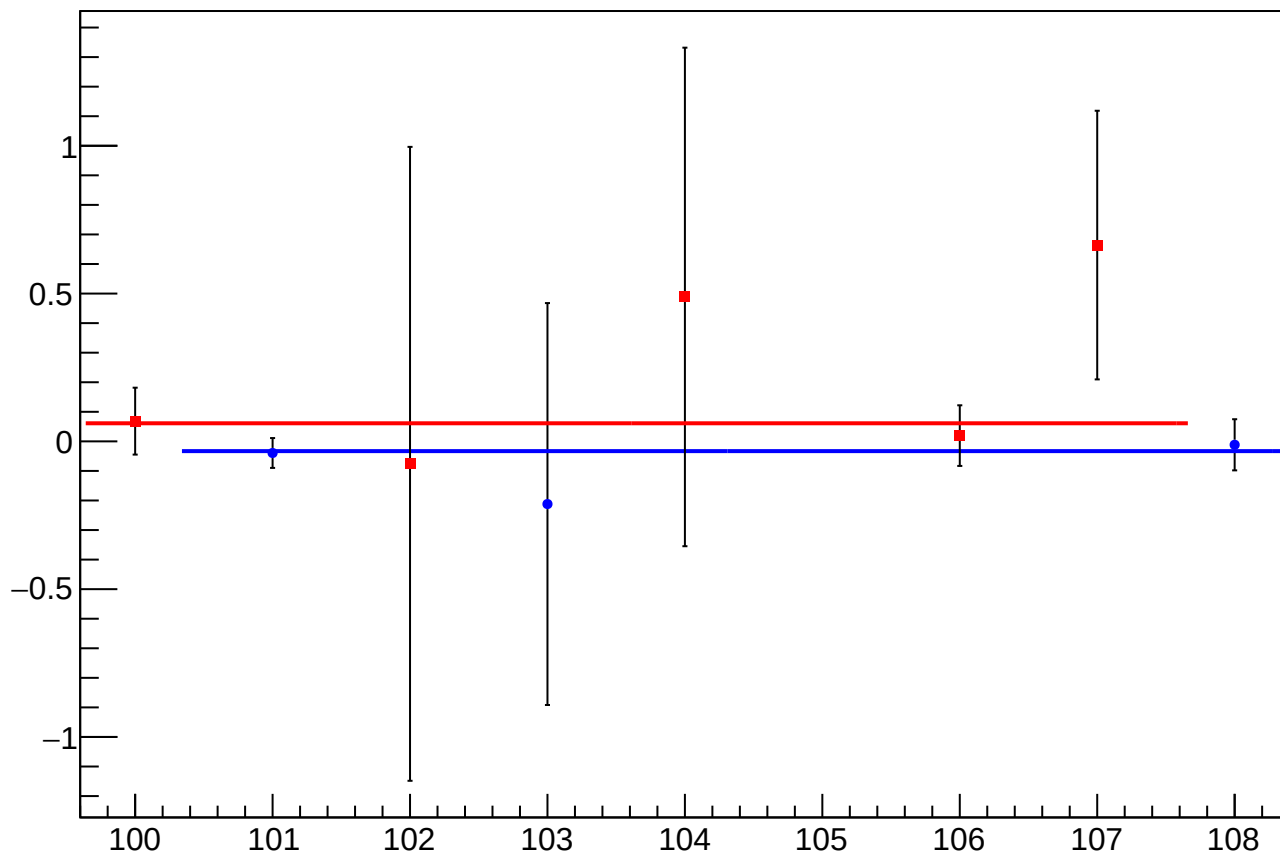
Right: 44.516+/-0.027 χ^2/NDF : 2946073.3/7

In: 42.790+/-0.031 χ^2/NDF : 1026906.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.516+/-0.027 χ^2/NDF : 2946073.3/7

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.033 $\pm$ 0.044 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.061 $\pm$ 0.074 χ^2 /NDF: 2.2/4

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

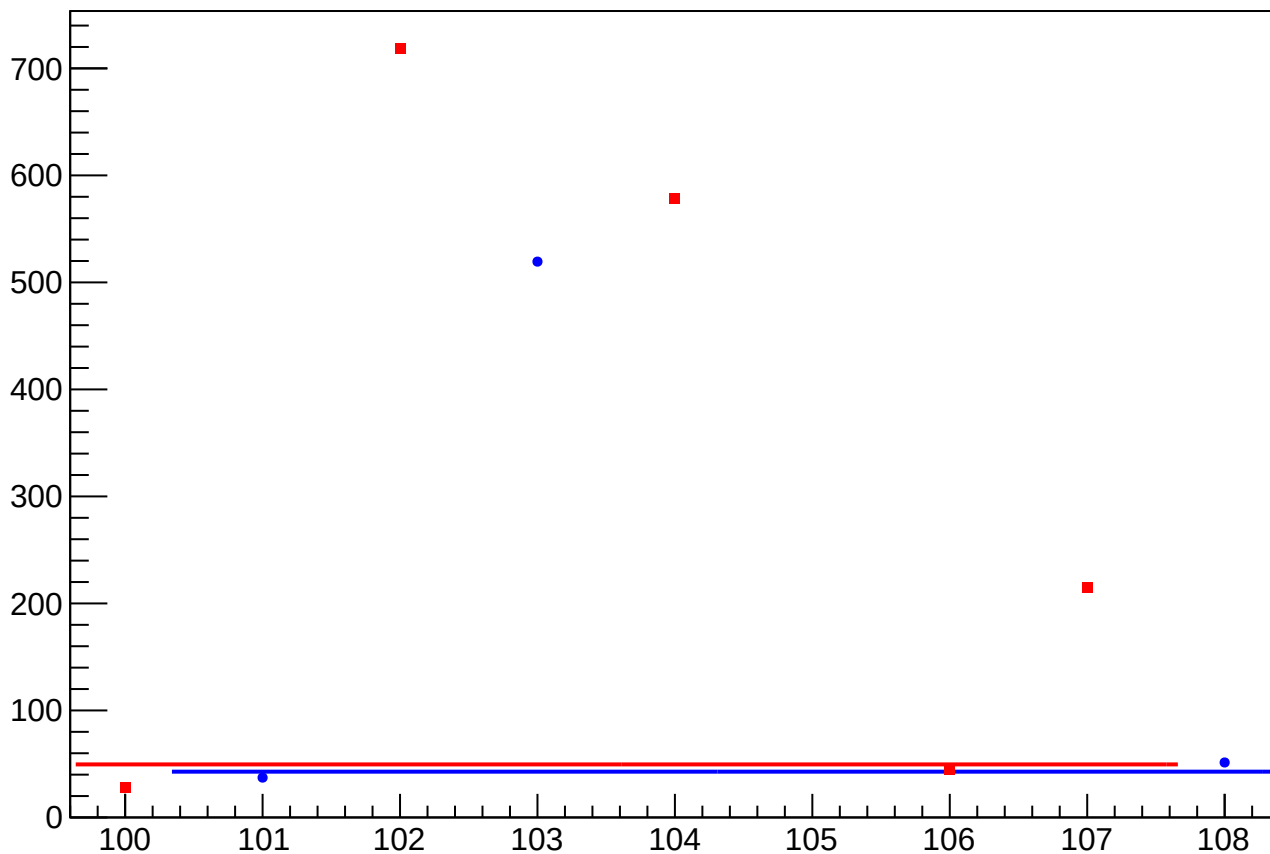
Right: -0.009 $\pm$ 0.038 χ^2 /NDF: 3.5/7

In: -0.033 $\pm$ 0.044 χ^2 /NDF:0.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.038 χ^2 /NDF: 3.5/7

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.790+/-0.031 χ^2/NDF : 1026906.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.574+/-0.053 χ^2/NDF : 1906798.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

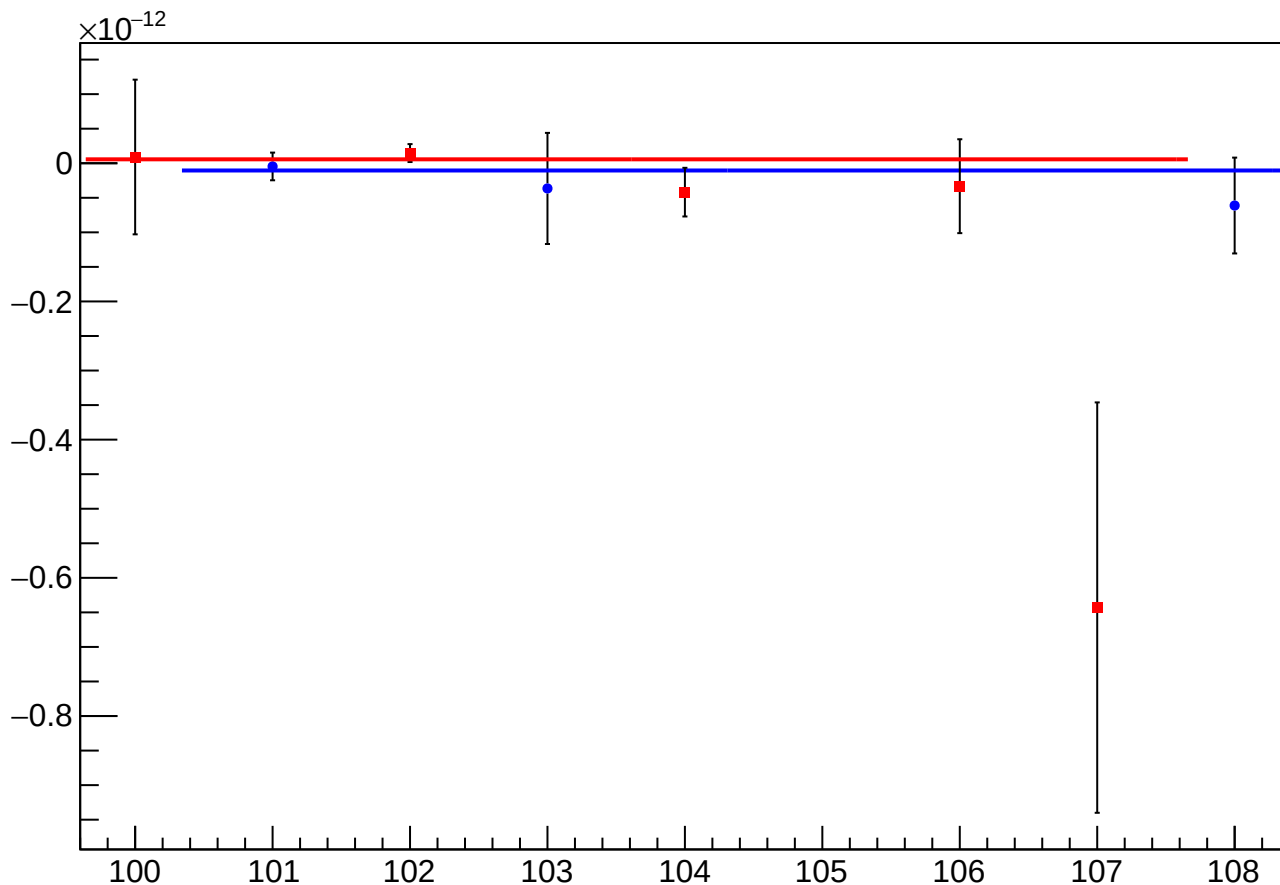
Right: 44.516+/-0.027 χ^2/NDF : 2946073.3/7

In: 42.790+/-0.031 χ^2/NDF : 1026906.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.516+/-0.027 χ^2/NDF : 2946073.3/7

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.7/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 7.4/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

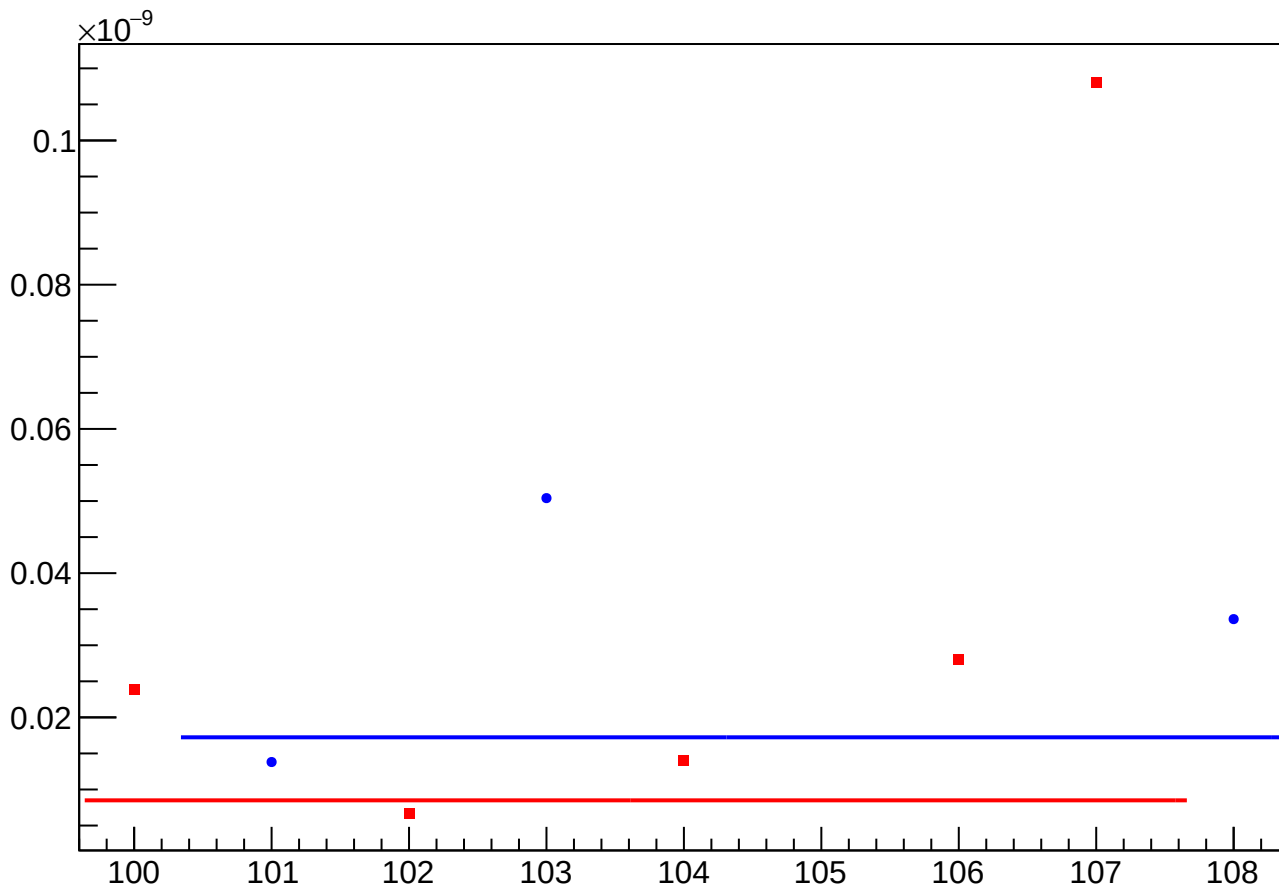
Right: 0.000+/-0.000 χ^2 /NDF: 8.7/7

In: -0.000+/-0.000 χ^2 /NDF:0.7/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 8.7/7

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 510613.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 517727.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

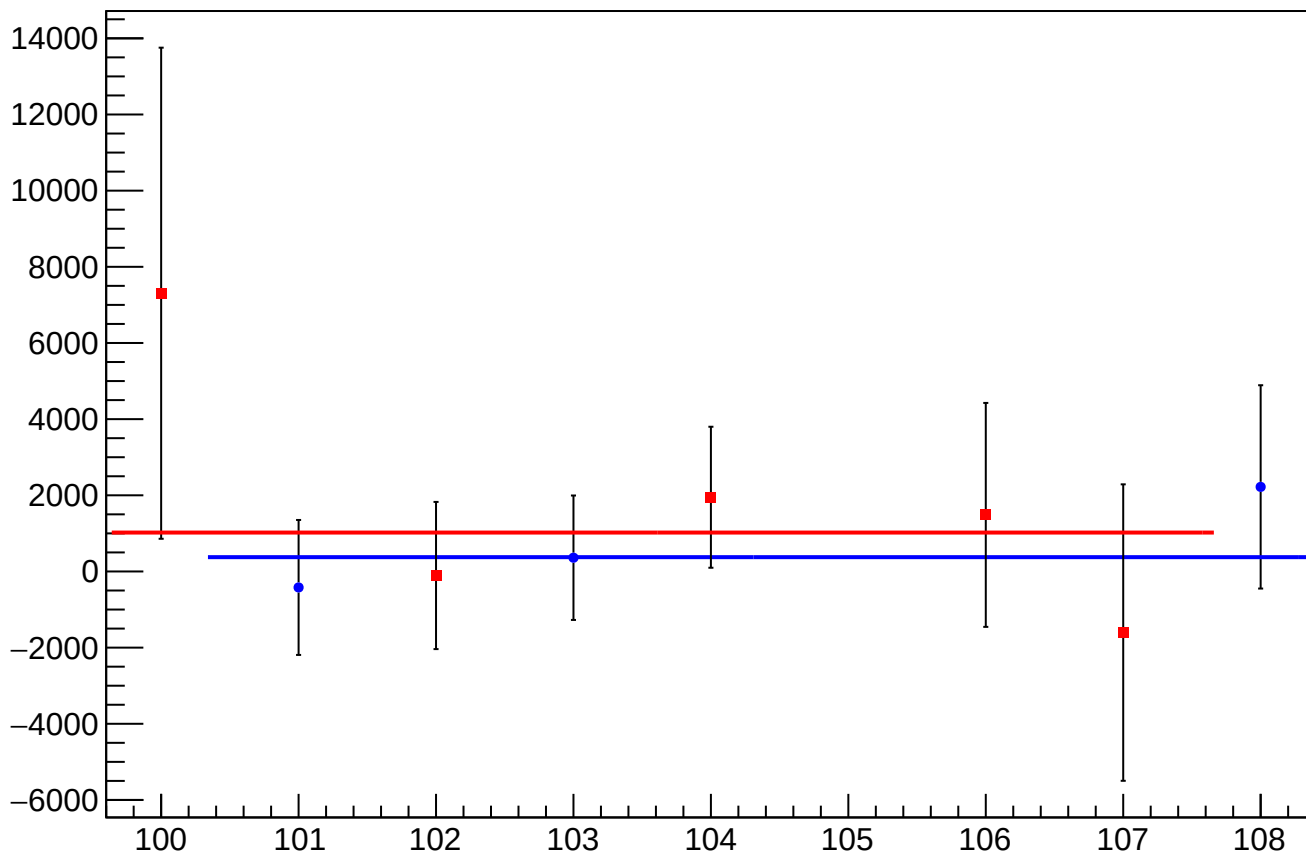
Right: 0.000+/-0.000 χ^2/NDF : 1338831.2/7

In: 0.000+/-0.000 χ^2/NDF : 510613.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1338831.2/7

reg_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 375.746+/-1095.415 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1021.677+/-1143.106 χ^2/NDF : 2.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

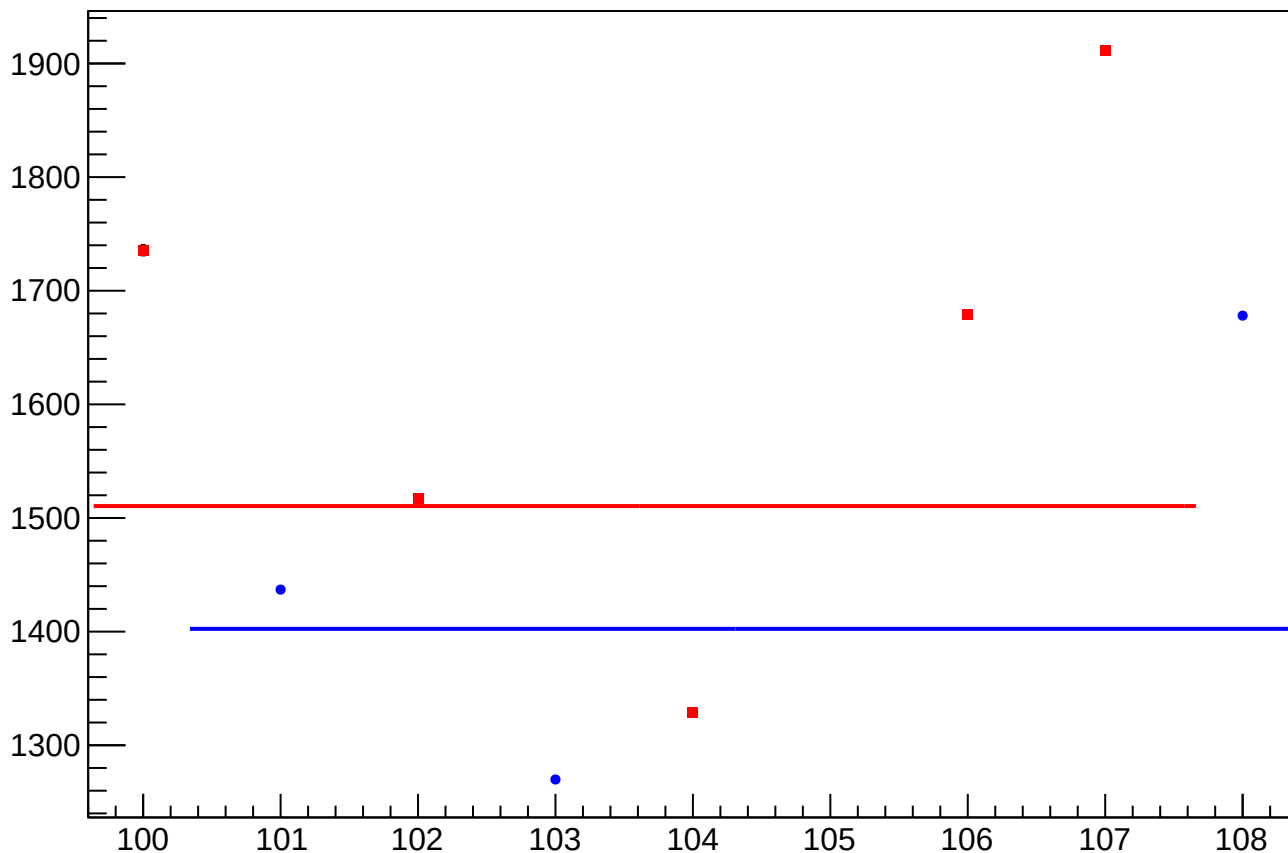
Right: 684.956+/-790.898 χ^2/NDF : 2.9/7

In: 375.746+/-1095.415 χ^2/NDF : 0.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 684.956+/-790.898 χ^2/NDF : 2.9/7

reg_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1402.451+/-0.775 χ^2/NDF : 35251.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1510.496+/-0.808 χ^2/NDF : 49516.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

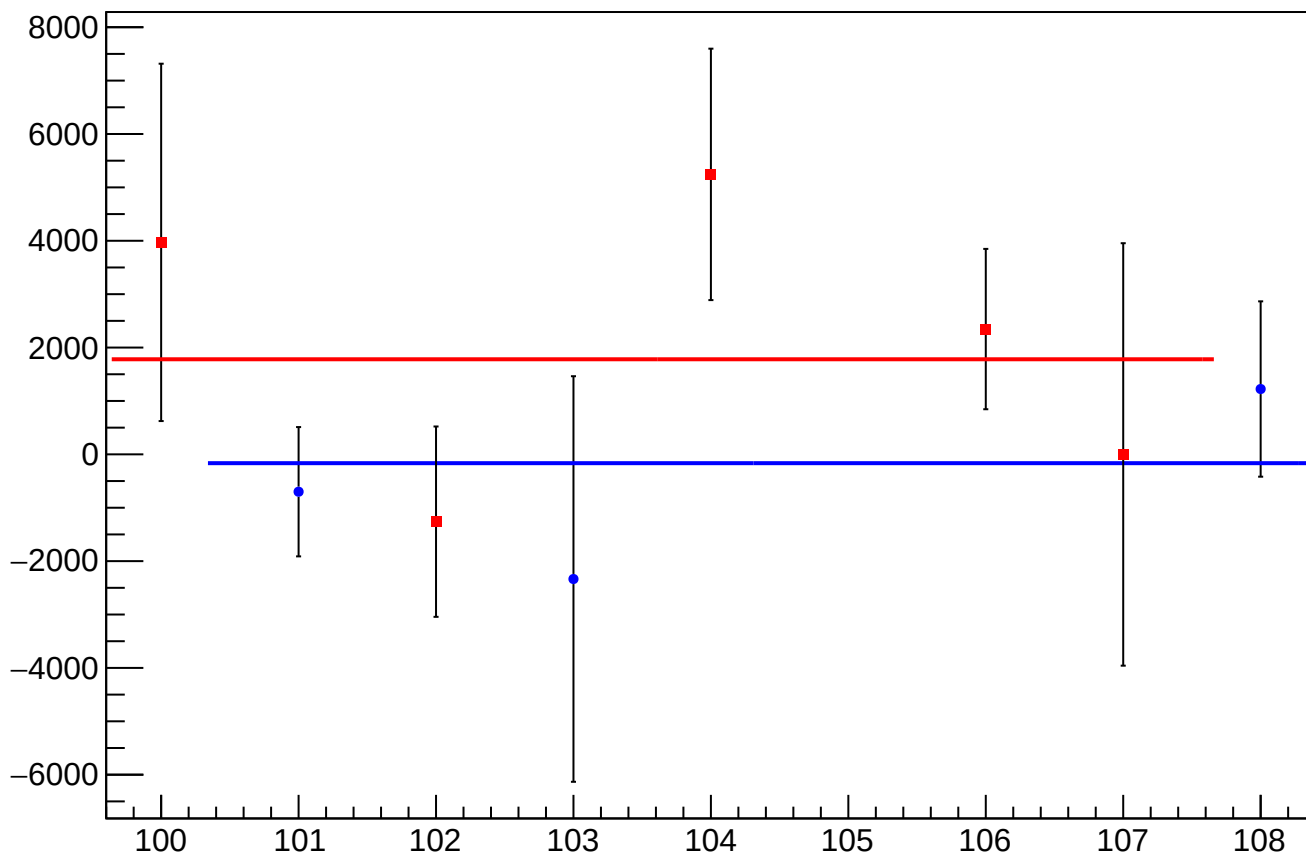
Right: 1454.173+/-0.559 χ^2/NDF : 94082.3/7

In: 1402.451+/-0.775 χ^2/NDF : 35251.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1454.173+/-0.559 χ^2/NDF : 94082.3/7

asym_usl_atl1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -165.331+/-944.033 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1780.668+/-957.040 χ^2/NDF : 5.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

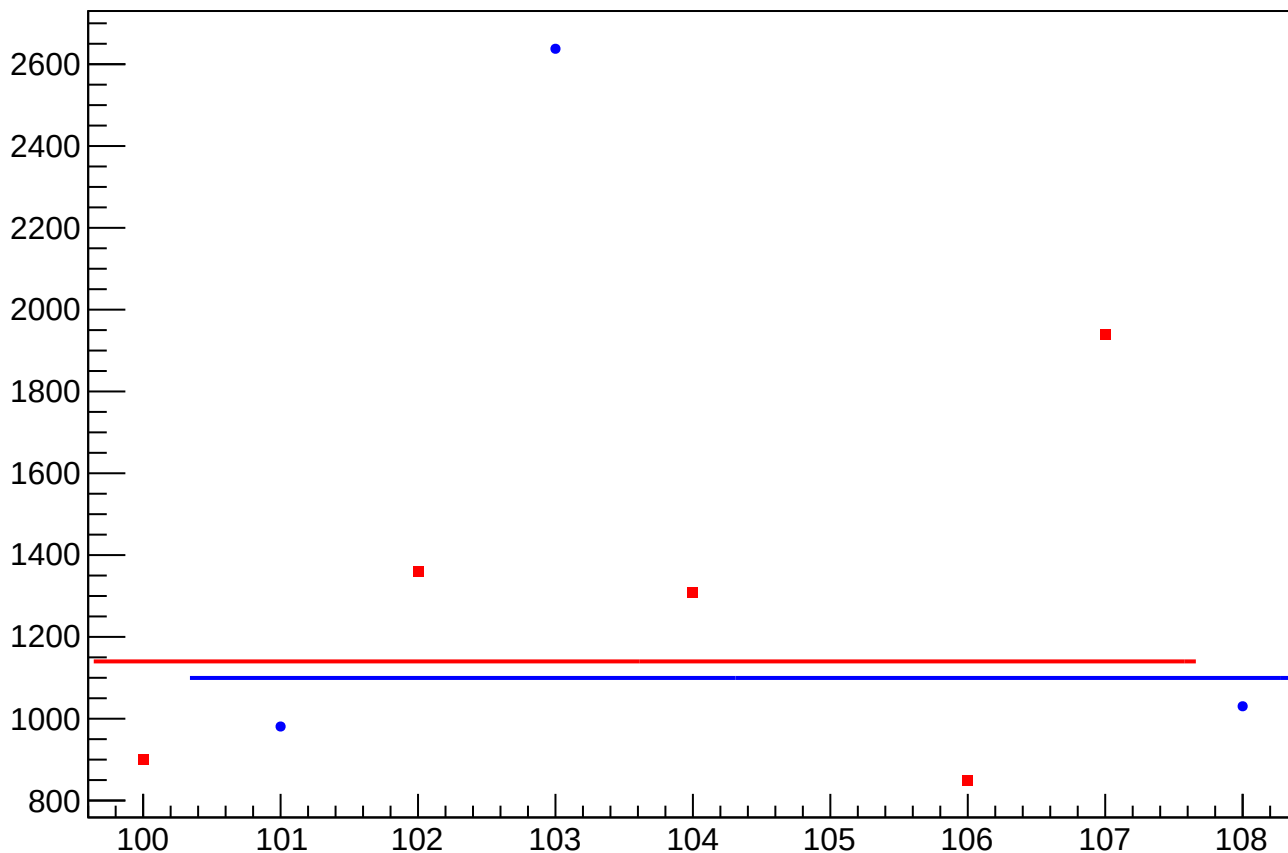
Right: 794.355+/-672.083 χ^2/NDF : 9.2/7

In: -165.331+/-944.033 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 794.355+/-672.083 χ^2/NDF : 9.2/7

asym_usl_atl1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1099.646+/-0.668 χ^2/NDF : 350774.5/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1140.079+/-0.677 χ^2/NDF : 207130.8/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

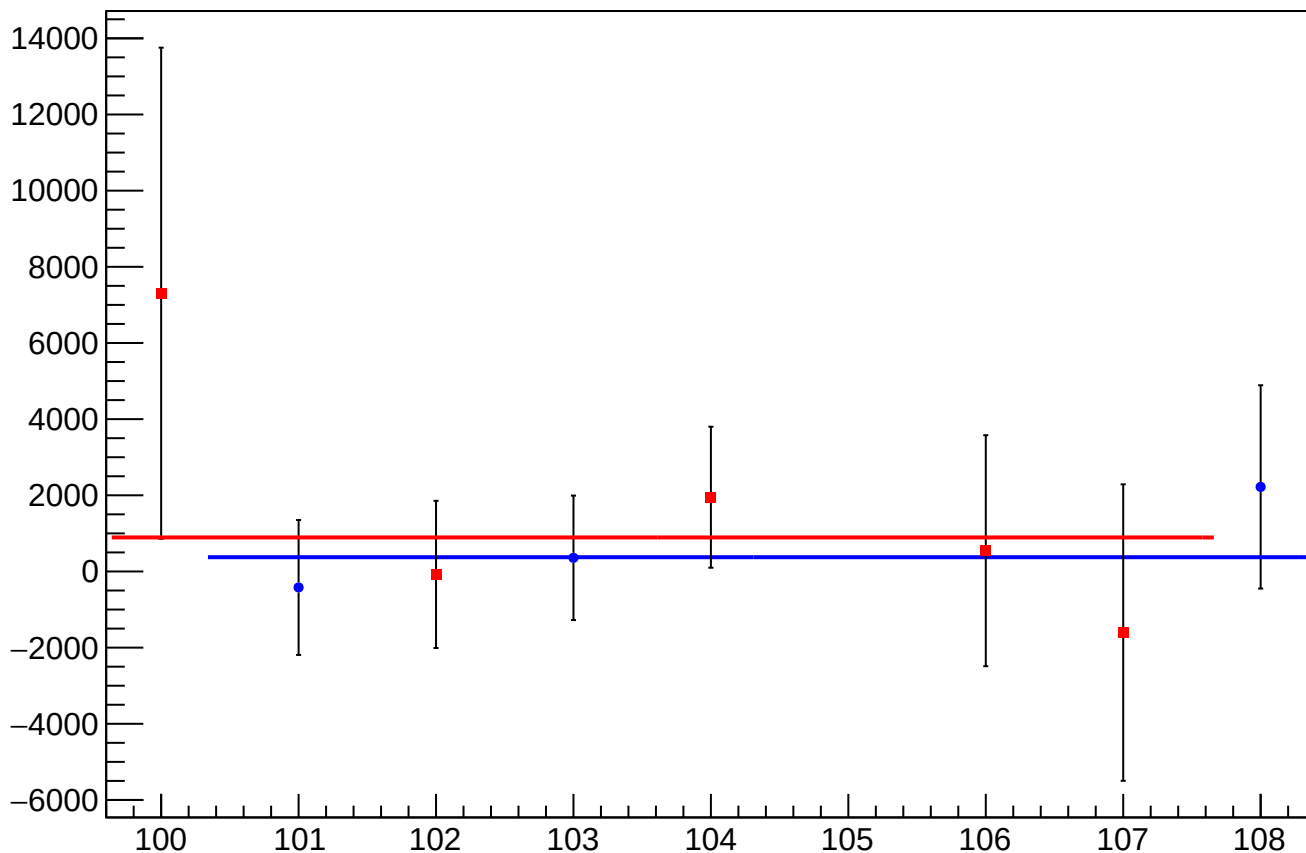
Right: 1119.586+/-0.475 χ^2/NDF : 559714.5/7

In: 1099.646+/-0.668 χ^2/NDF :350774.5/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1119.586+/-0.475 χ^2/NDF : 559714.5/7

cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 374.586+/-1095.415 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 893.131+/-1148.370 χ^2/NDF : 2.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

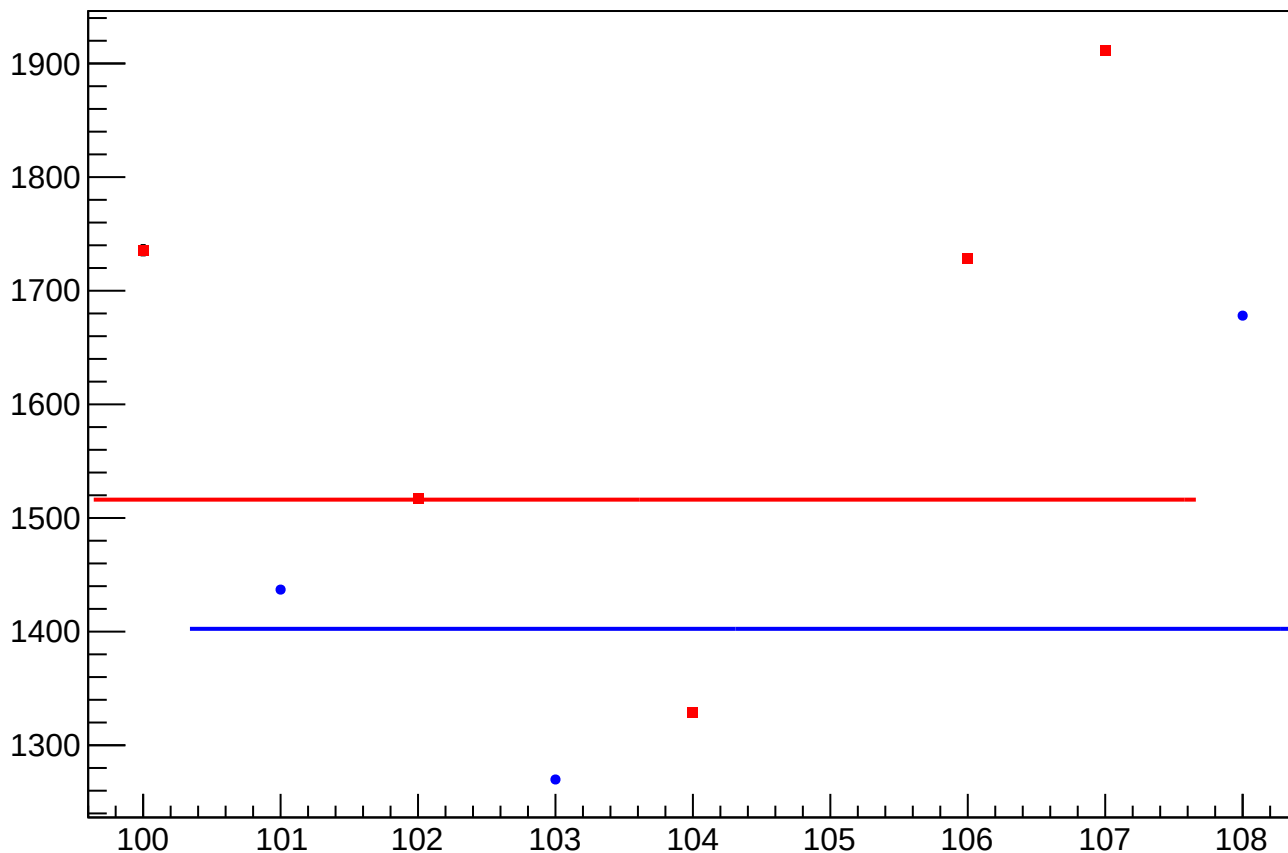
Right: 621.627+/-792.635 χ^2/NDF : 2.8/7

In: 374.586+/-1095.415 χ^2/NDF : 0.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 621.627+/-792.635 χ^2/NDF : 2.8/7

cor_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1402.451+/-0.775 χ^2/NDF : 35251.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1516.151+/-0.812 χ^2/NDF : 53259.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

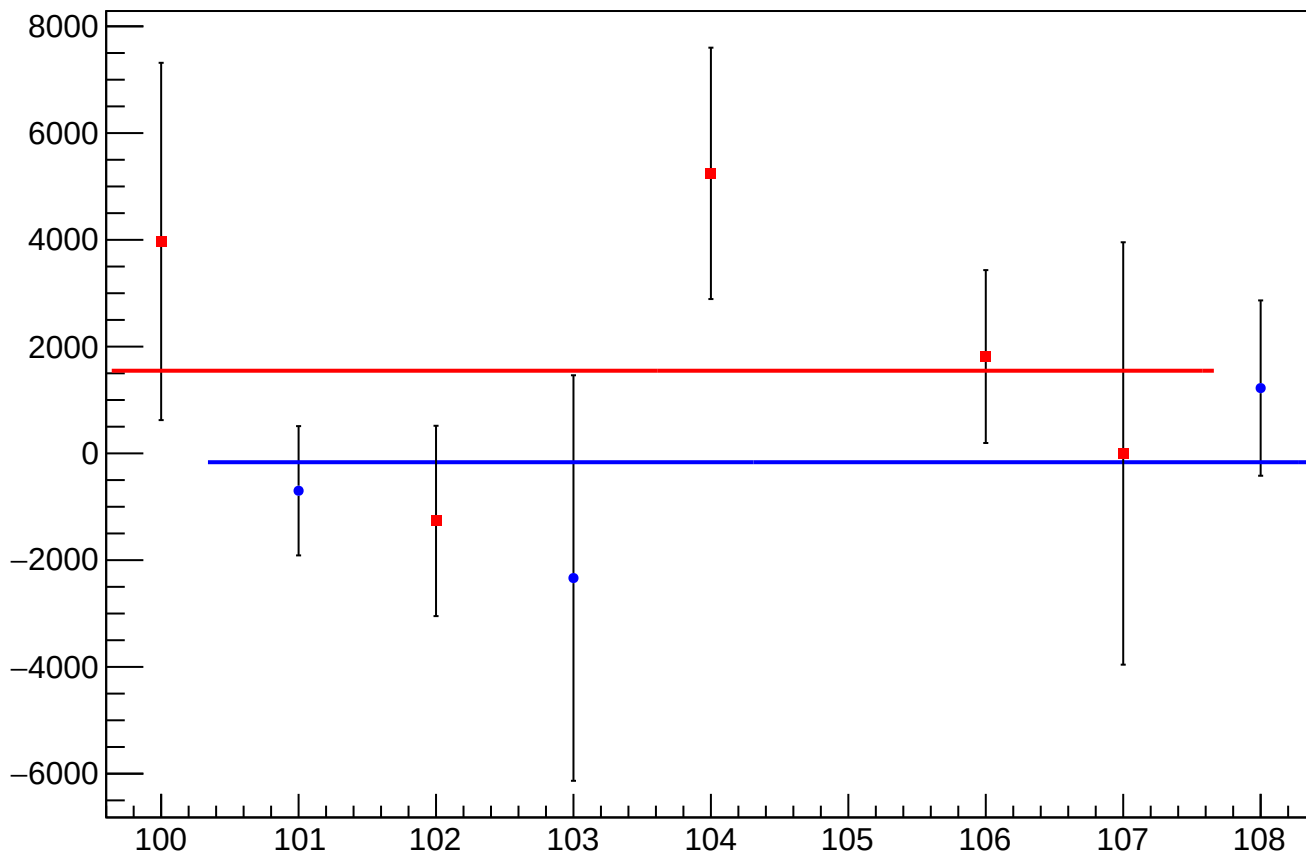
Right: 1456.619+/-0.560 χ^2/NDF : 98775.8/7

In: 1402.451+/-0.775 χ^2/NDF : 35251.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1456.619+/-0.560 χ^2/NDF : 98775.8/7

asym_usl_atl1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -165.511+/-944.022 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1548.323+/-985.533 χ^2/NDF : 5.7/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

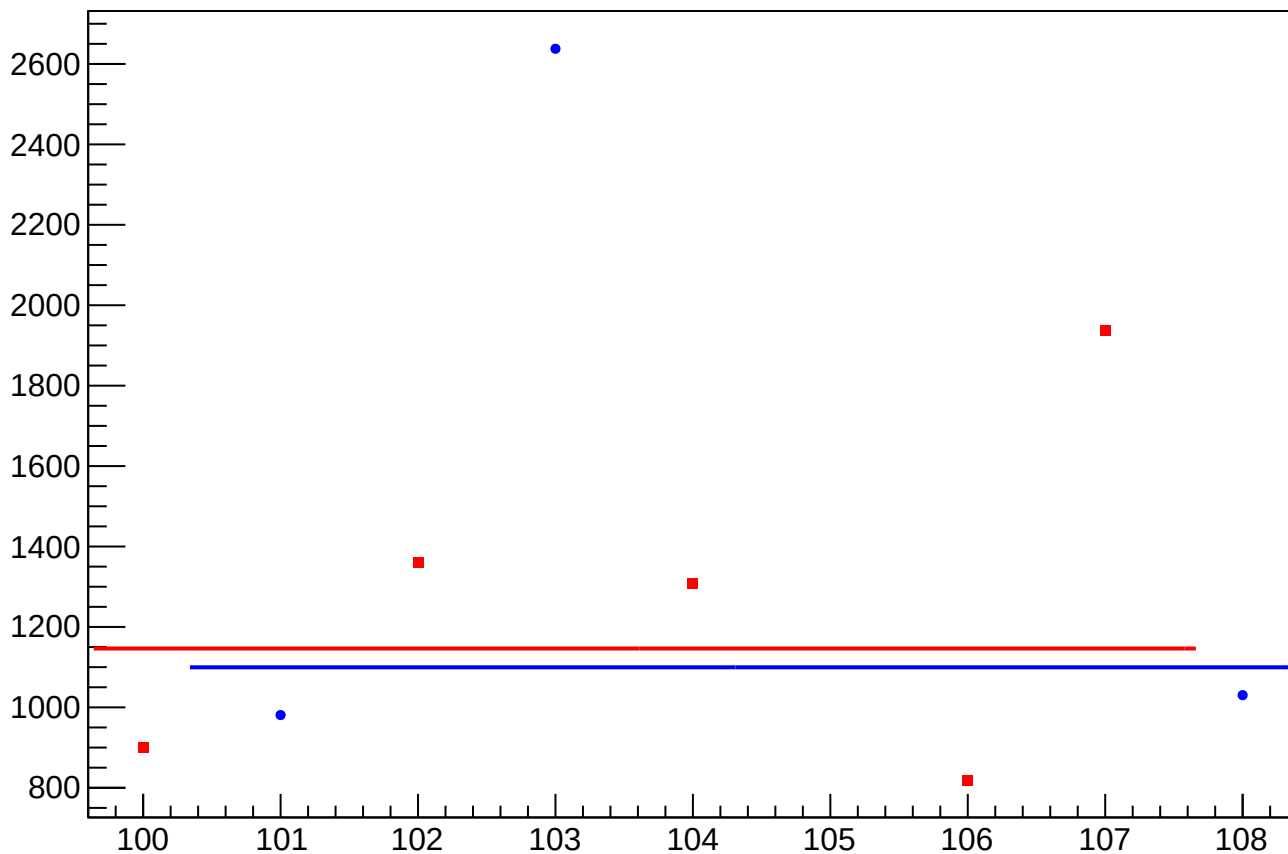
Right: 654.552+/-681.727 χ^2/NDF : 8.5/7

In: -165.511+/-944.022 χ^2/NDF :1.2/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 654.552+/-681.727 χ^2/NDF : 8.5/7

asym_usl_atl1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1099.625 $\pm$ 0.668 χ^2 /NDF: 350788.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1146.329 $\pm$ 0.697 χ^2 /NDF: 210953.4/4

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

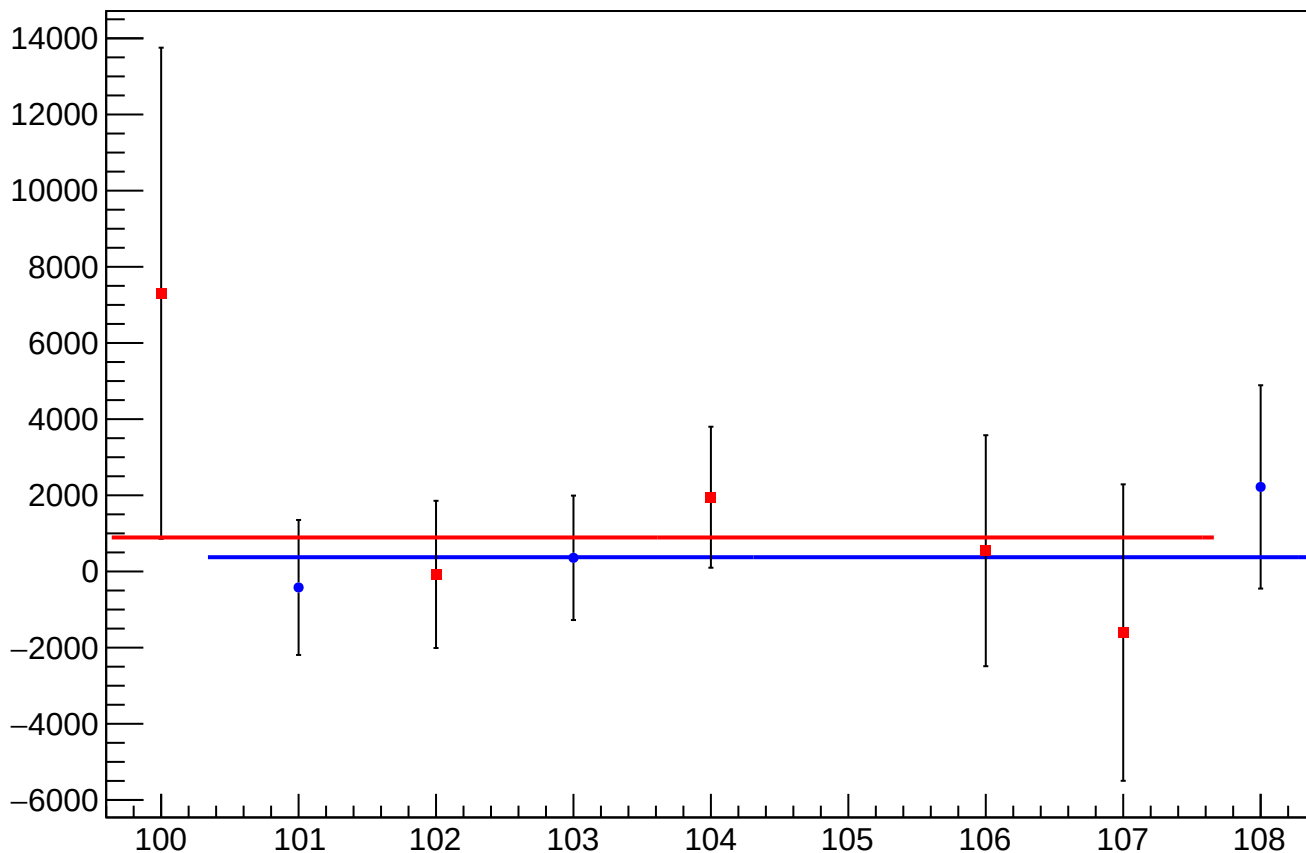
Right: 1121.973 $\pm$ 0.482 χ^2 /NDF: 564083.8/7

In: 1099.625 $\pm$ 0.668 χ^2 /NDF:350788.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1121.973 $\pm$ 0.482 χ^2 /NDF: 564083.8/7

eigen_cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 374.586+/-1095.415 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 893.131+/-1148.370 χ^2/NDF : 2.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

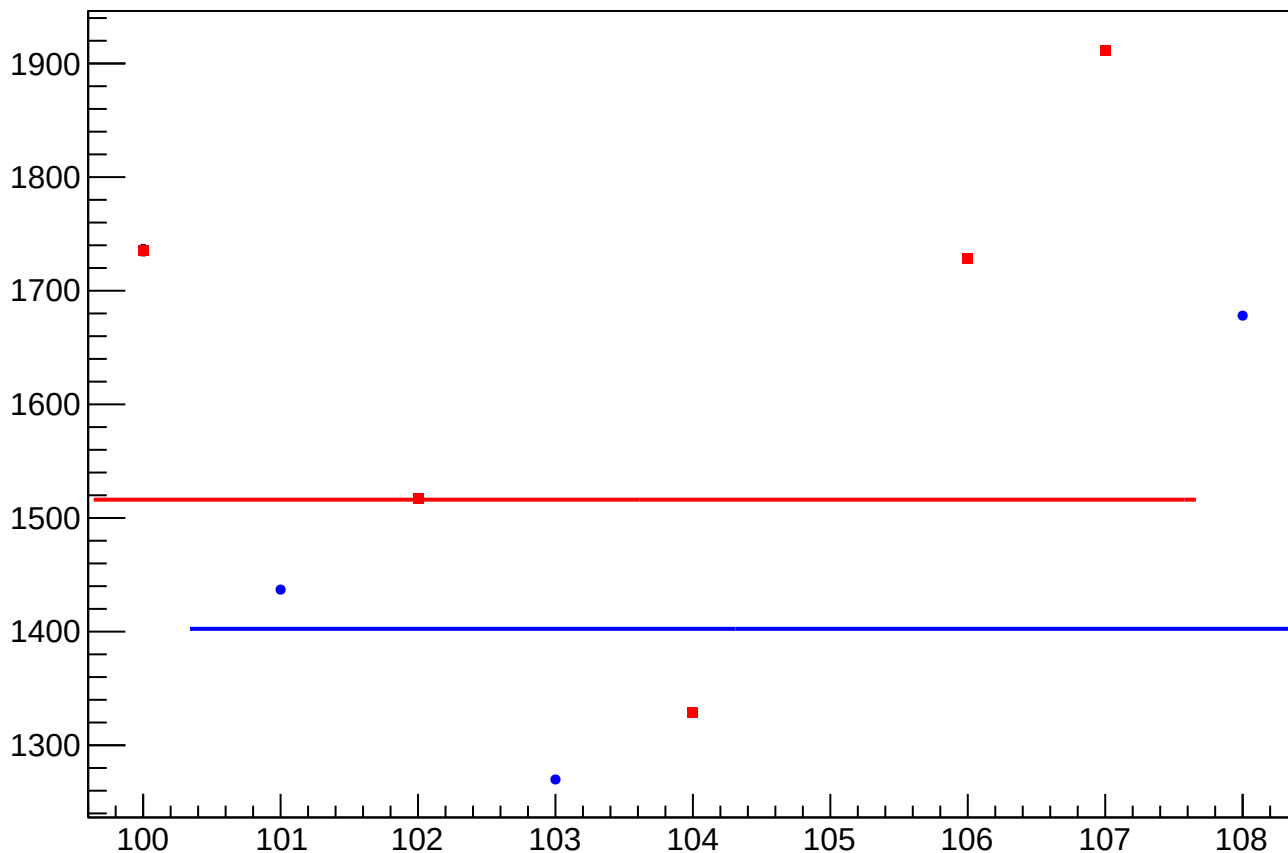
Right: 621.627+/-792.635 χ^2/NDF : 2.8/7

In: 374.586+/-1095.415 χ^2/NDF : 0.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 621.627+/-792.635 χ^2/NDF : 2.8/7

eigen_cor_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1402.451+/-0.775 χ^2/NDF : 35251.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1516.151+/-0.812 χ^2/NDF : 53259.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

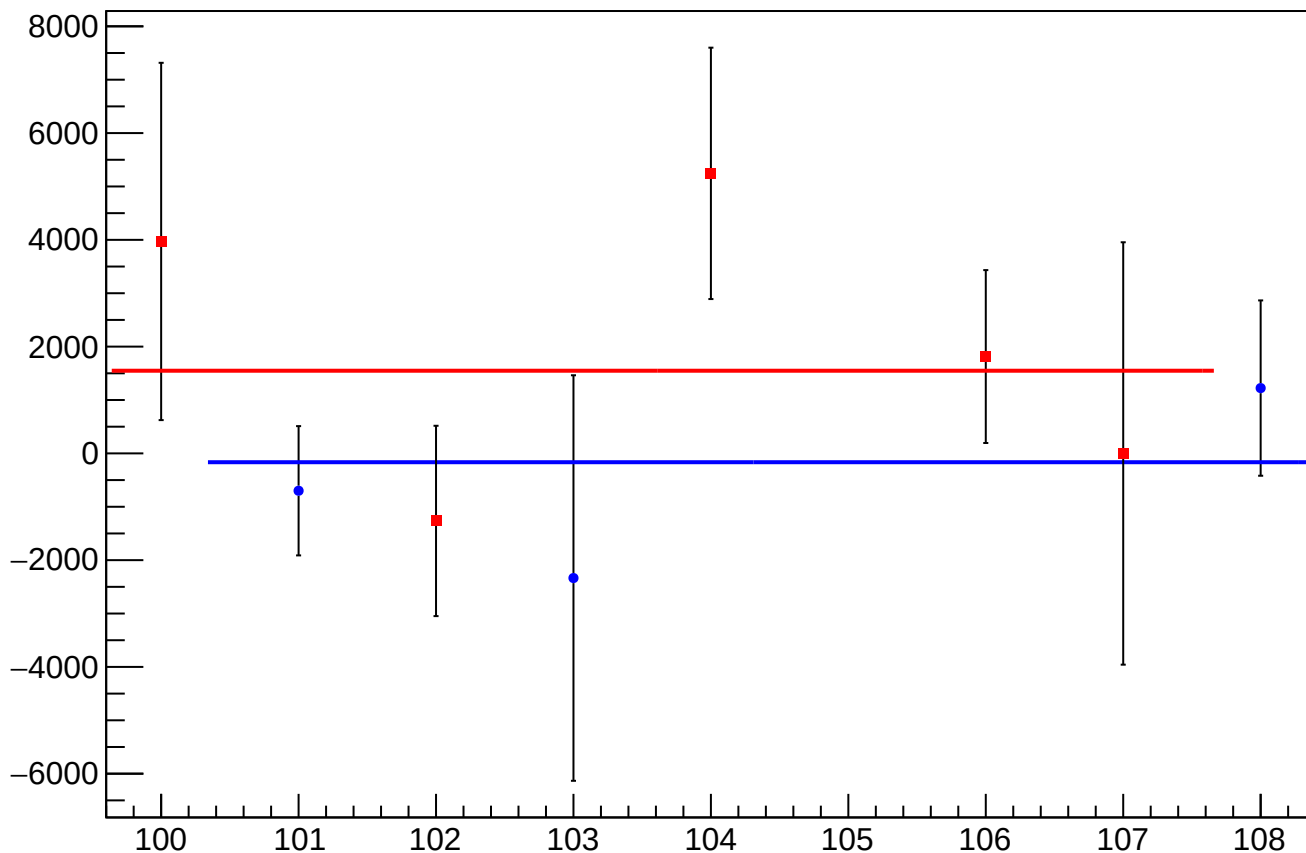
Right: 1456.619+/-0.560 χ^2/NDF : 98775.8/7

In: 1402.451+/-0.775 χ^2/NDF : 35251.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1456.619+/-0.560 χ^2/NDF : 98775.8/7

asym_usl_atl1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -165.511+/-944.022 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1548.323+/-985.533 χ^2/NDF : 5.7/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

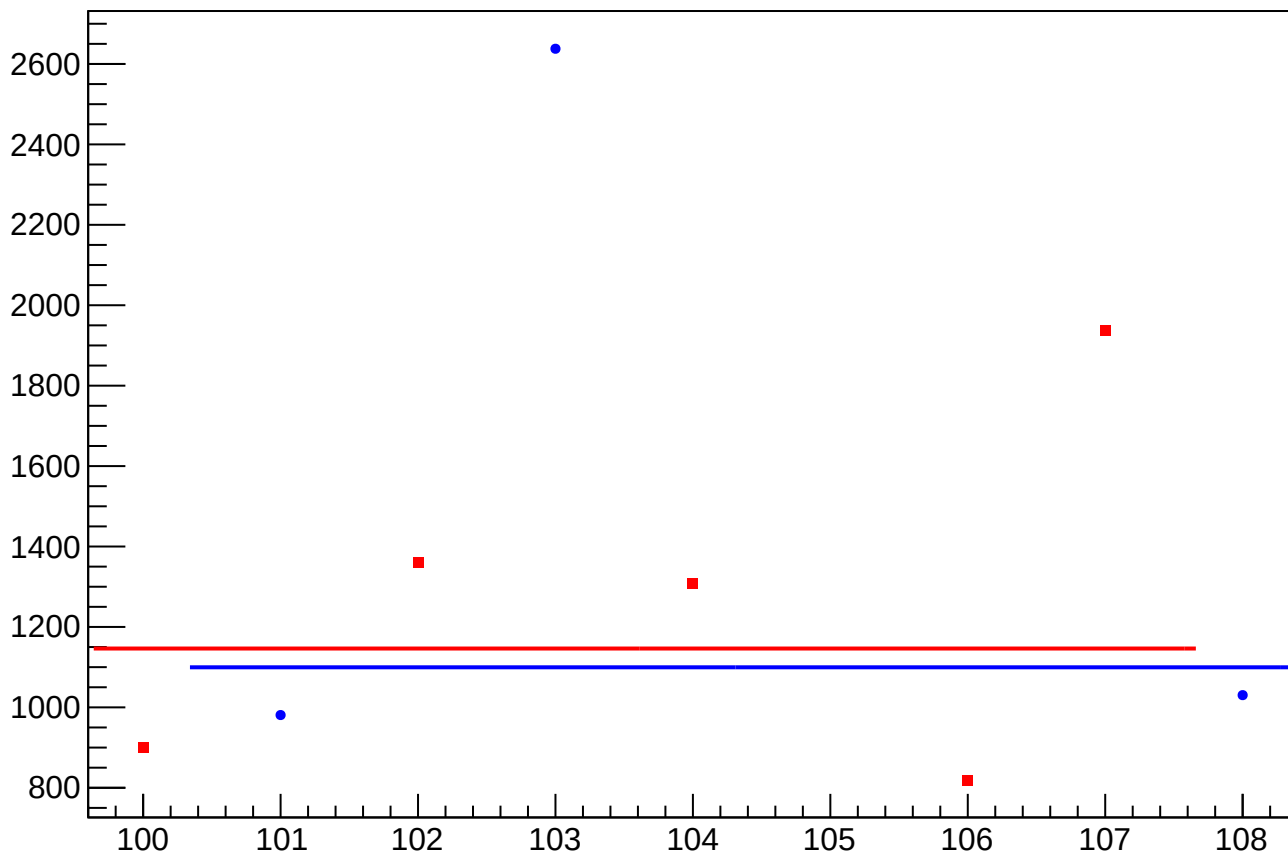
Right: 654.552+/-681.727 χ^2/NDF : 8.5/7

In: -165.511+/-944.022 χ^2/NDF :1.2/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 654.552+/-681.727 χ^2/NDF : 8.5/7

asym_usl_atl1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1099.625+/-0.668 χ^2/NDF : 350788.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1146.329+/-0.697 χ^2/NDF : 210953.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

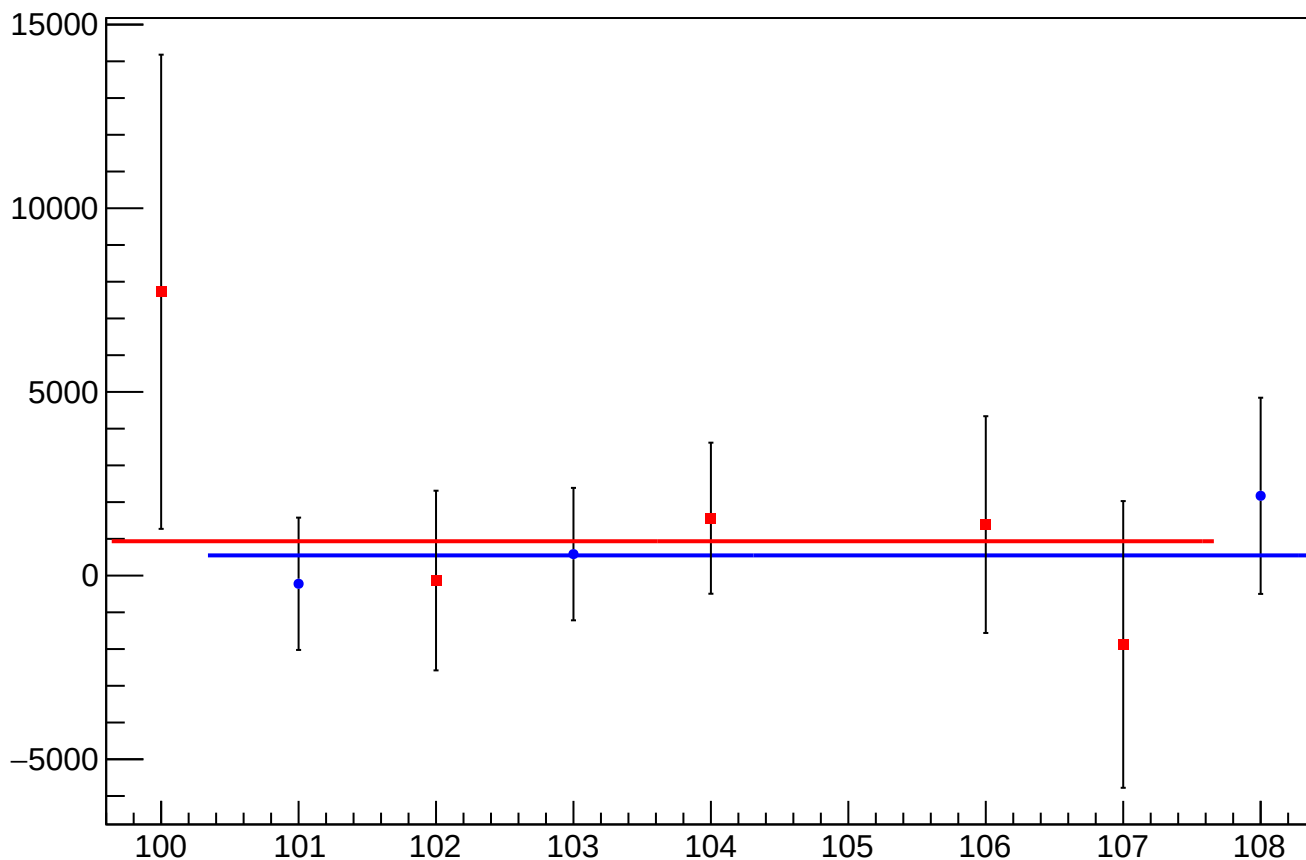
Right: 1121.973+/-0.482 χ^2/NDF : 564083.8/7

In: 1099.625+/-0.668 χ^2/NDF : 350788.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1121.973+/-0.482 χ^2/NDF : 564083.8/7

dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 549.694 $\pm$ 1149.970 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 935.029 $\pm$ 1282.212 χ^2 /NDF: 1.9/4

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

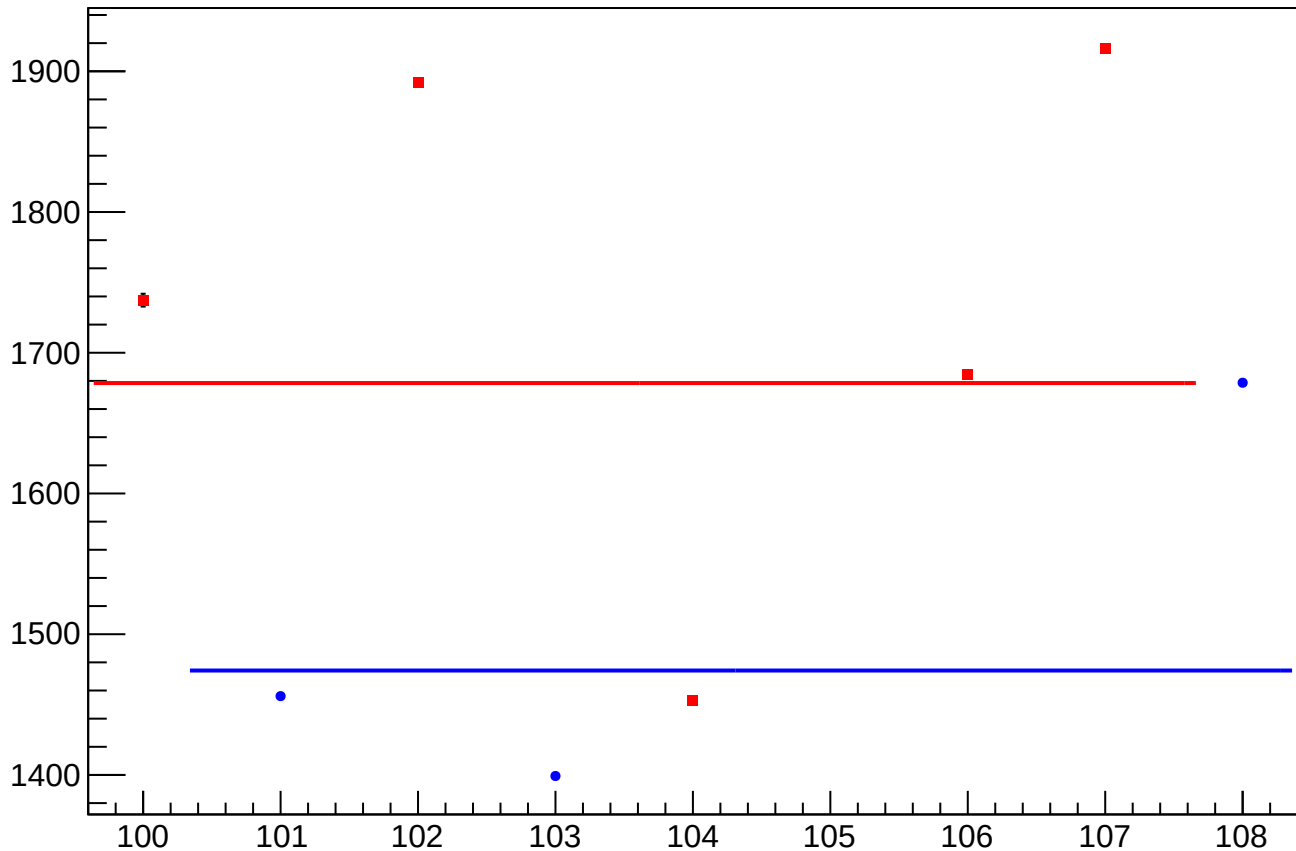
Right: 721.472 $\pm$ 856.100 χ^2 /NDF: 2.5/7

In: 549.694 $\pm$ 1149.970 χ^2 /NDF:0.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 721.472 $\pm$ 856.100 χ^2 /NDF: 2.5/7

dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1474.204+/-0.813 χ^2/NDF : 15388.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1678.480+/-0.907 χ^2/NDF : 46910.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

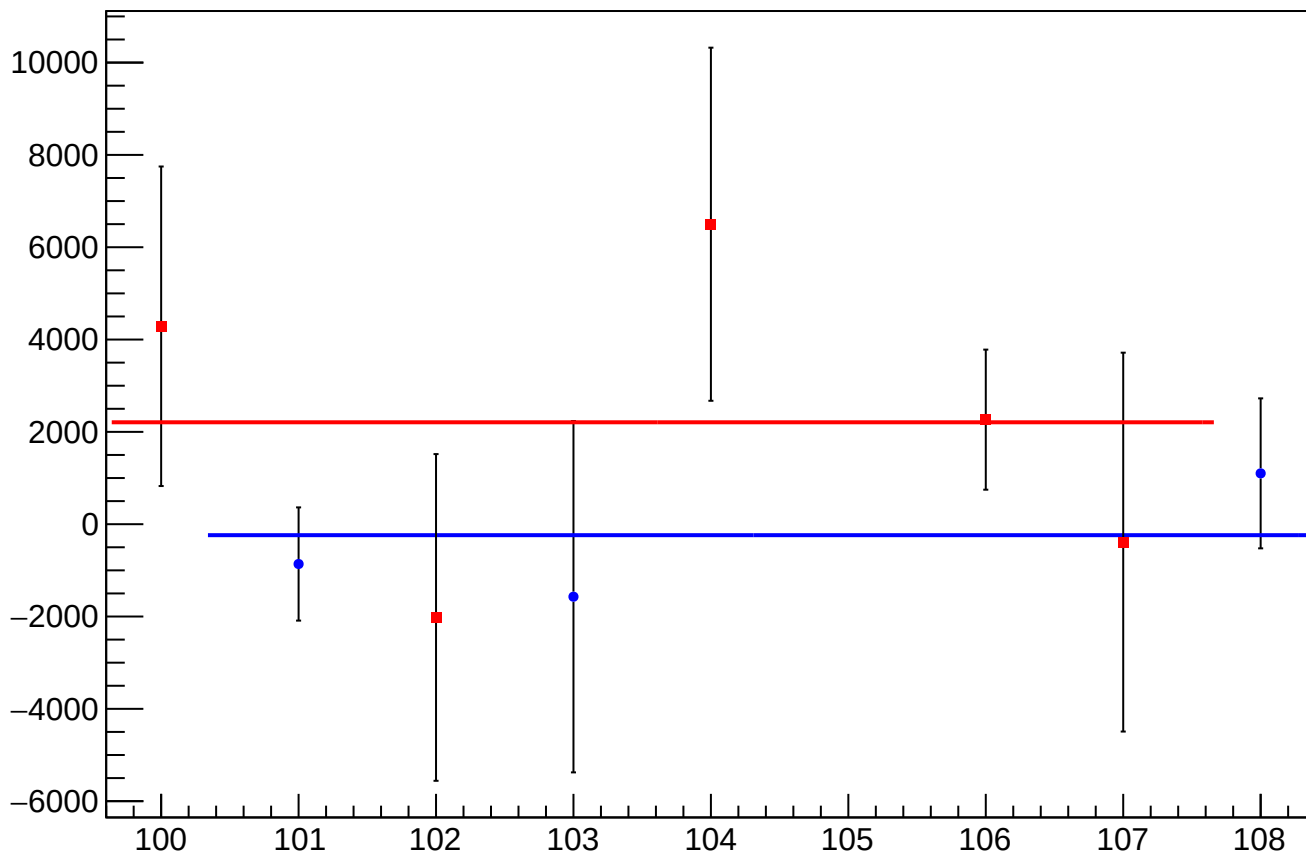
Right: 1565.268+/-0.605 χ^2/NDF : 90431.4/7

In: 1474.204+/-0.813 χ^2/NDF : 15388.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1565.268+/-0.605 χ^2/NDF : 90431.4/7

asym_usl_atl1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -237.807 $\pm$ 947.933 χ^2 /NDF: 1.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2207.690 $\pm$ 1174.083 χ^2 /NDF: 3.4/4

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

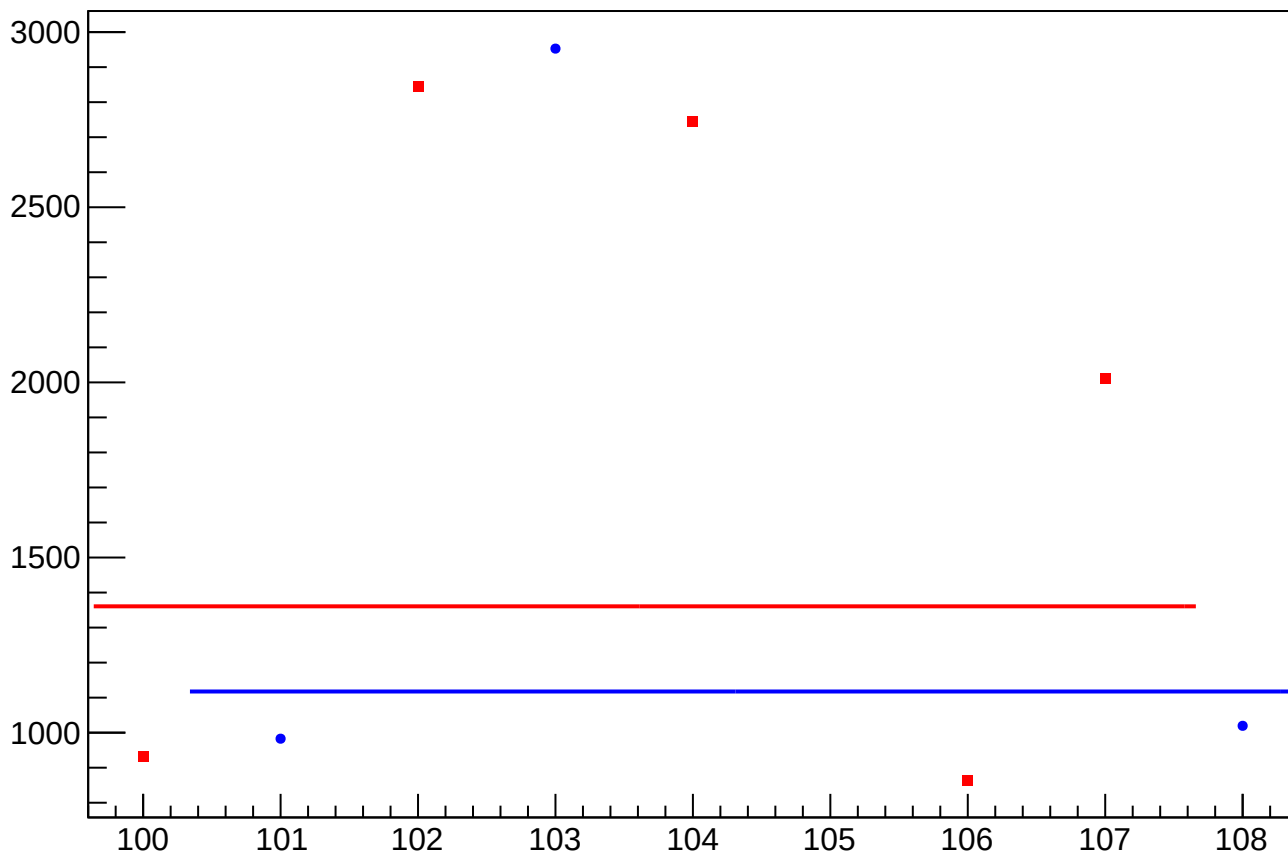
Right: 727.244 $\pm$ 737.548 χ^2 /NDF: 7.1/7

In: -237.807 $\pm$ 947.933 χ^2 /NDF:1.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 727.244 $\pm$ 737.548 χ^2 /NDF: 7.1/7

asym_usl_atl1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1117.542+/-0.670 χ^2/NDF : 496566.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1360.687+/-0.830 χ^2/NDF : 908907.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

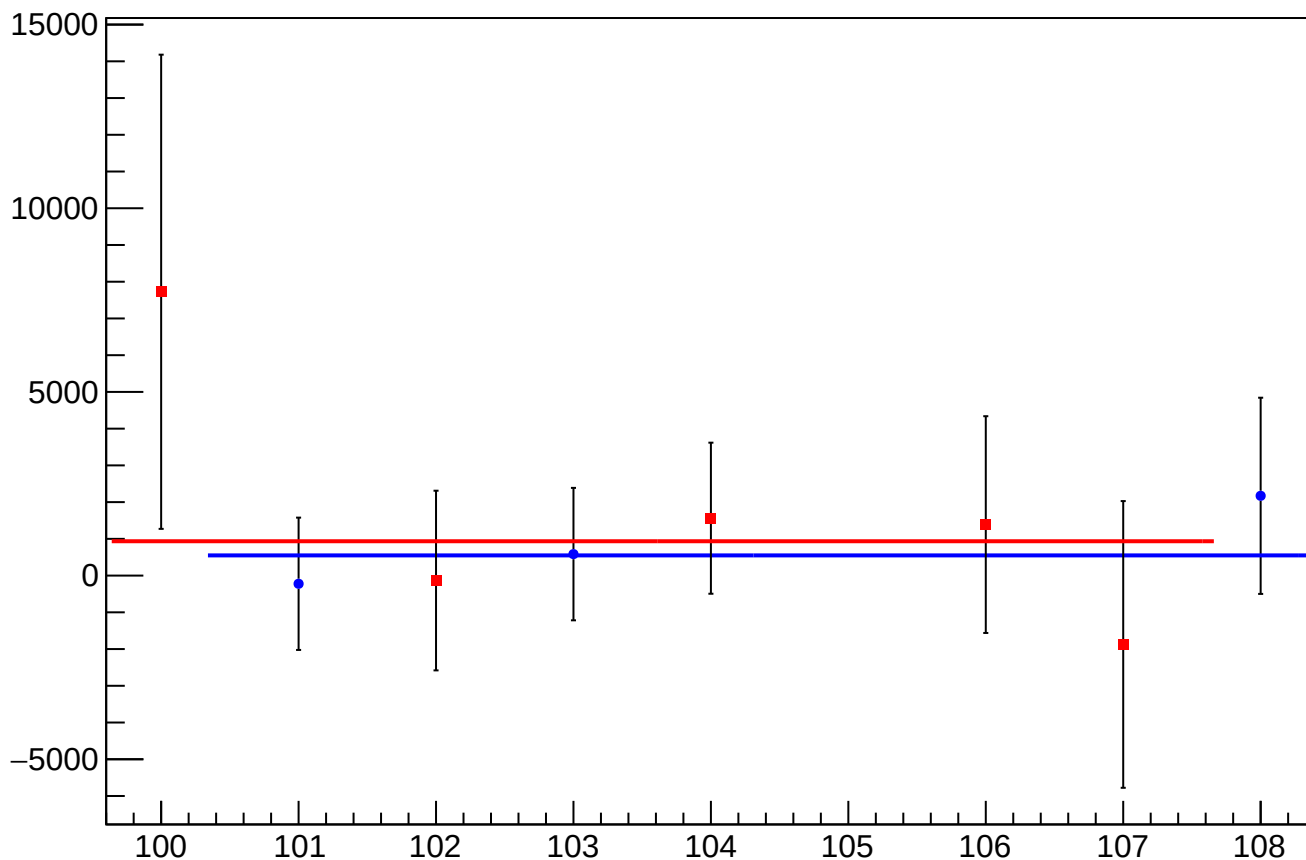
Right: 1213.493+/-0.522 χ^2/NDF : 1457400.0/7

In: 1117.542+/-0.670 χ^2/NDF : 496566.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1213.493+/-0.522 χ^2/NDF : 1457400.0/7

eigen_dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 549.698+/-1149.969 χ^2/NDF : 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 935.030+/-1282.212 χ^2/NDF : 1.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

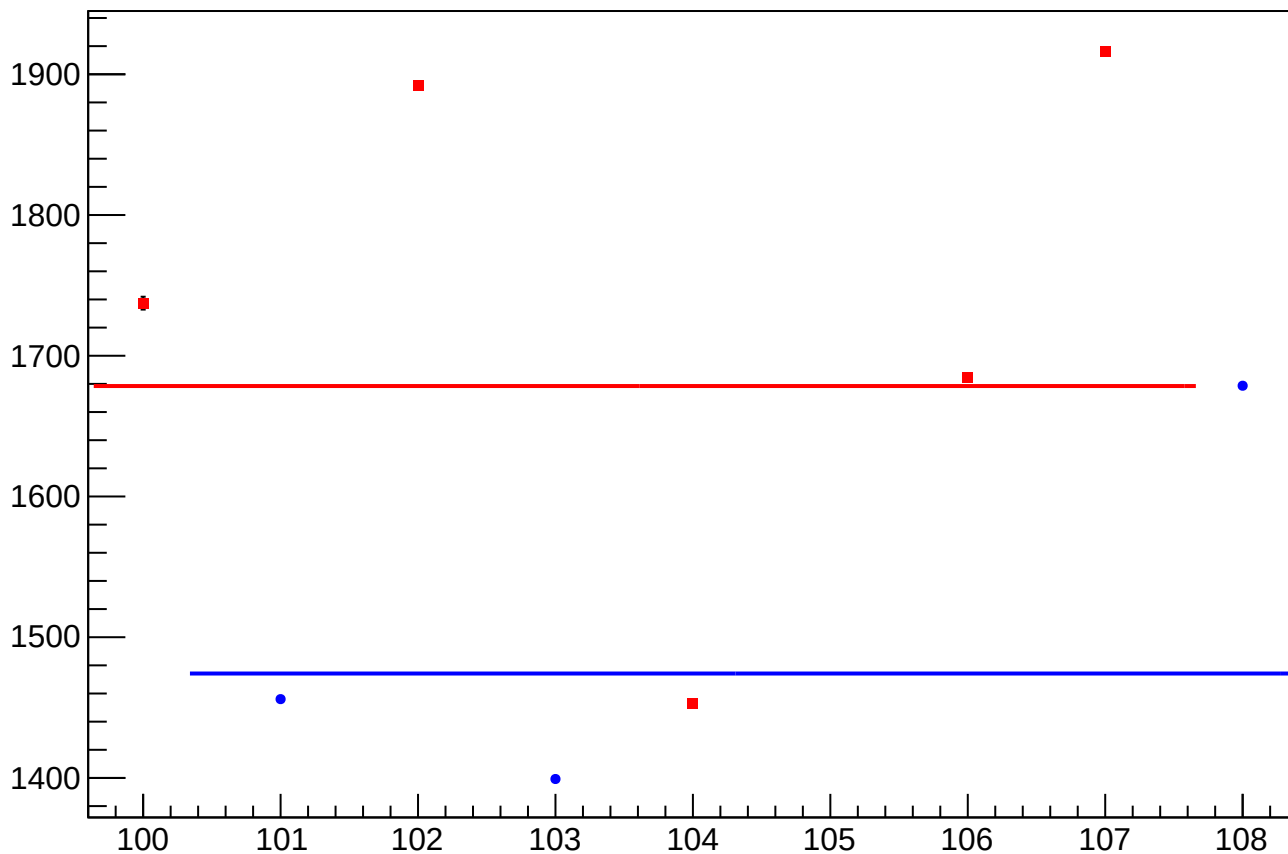
Right: 721.474+/-856.099 χ^2/NDF : 2.5/7

In: 549.698+/-1149.969 χ^2/NDF : 0.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 721.474+/-856.099 χ^2/NDF : 2.5/7

eigen_dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1474.203+/-0.813 χ^2/NDF : 15388.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1678.479+/-0.907 χ^2/NDF : 46910.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

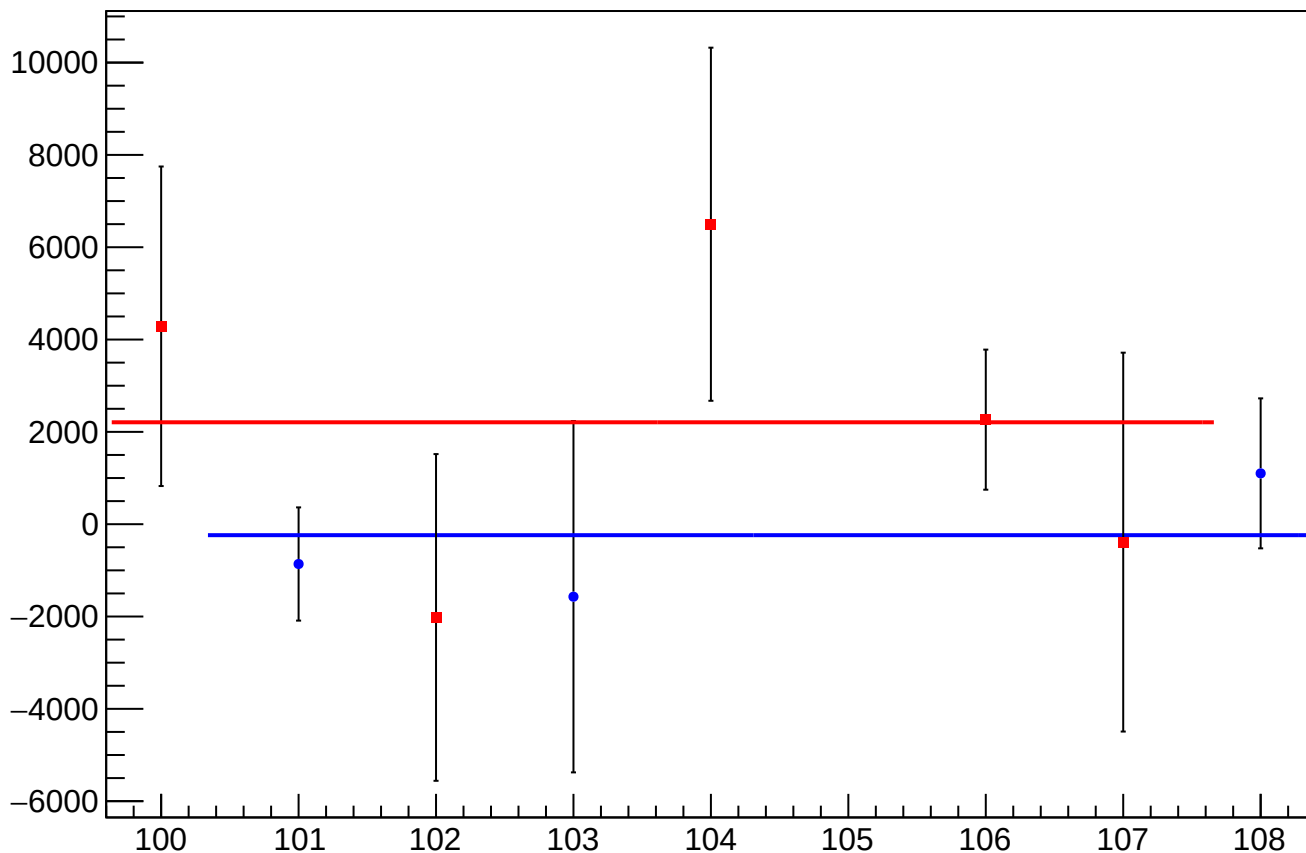
Right: 1565.267+/-0.605 χ^2/NDF : 90431.9/7

In: 1474.203+/-0.813 χ^2/NDF : 15388.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1565.267+/-0.605 χ^2/NDF : 90431.9/7

asym_usl_atl1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -237.802 $\pm$ 947.931 χ^2 /NDF: 1.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2207.686 $\pm$ 1174.082 χ^2 /NDF: 3.4/4

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

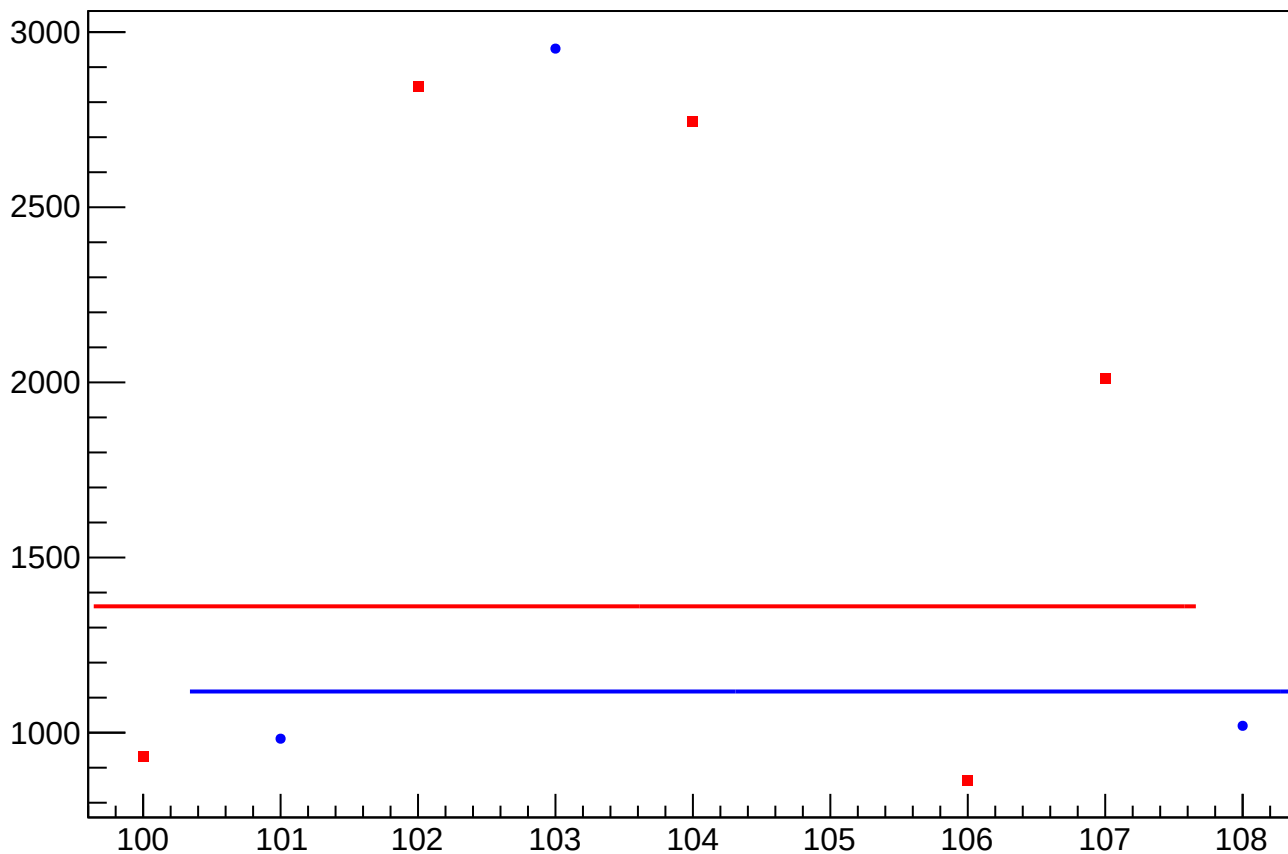
Right: 727.245 $\pm$ 737.547 χ^2 /NDF: 7.1/7

In: -237.802 $\pm$ 947.931 χ^2 /NDF:1.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 727.245 $\pm$ 737.547 χ^2 /NDF: 7.1/7

asym_usl_atl1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1117.540+/-0.670 χ^2/NDF : 496568.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1360.685+/-0.830 χ^2/NDF : 908913.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

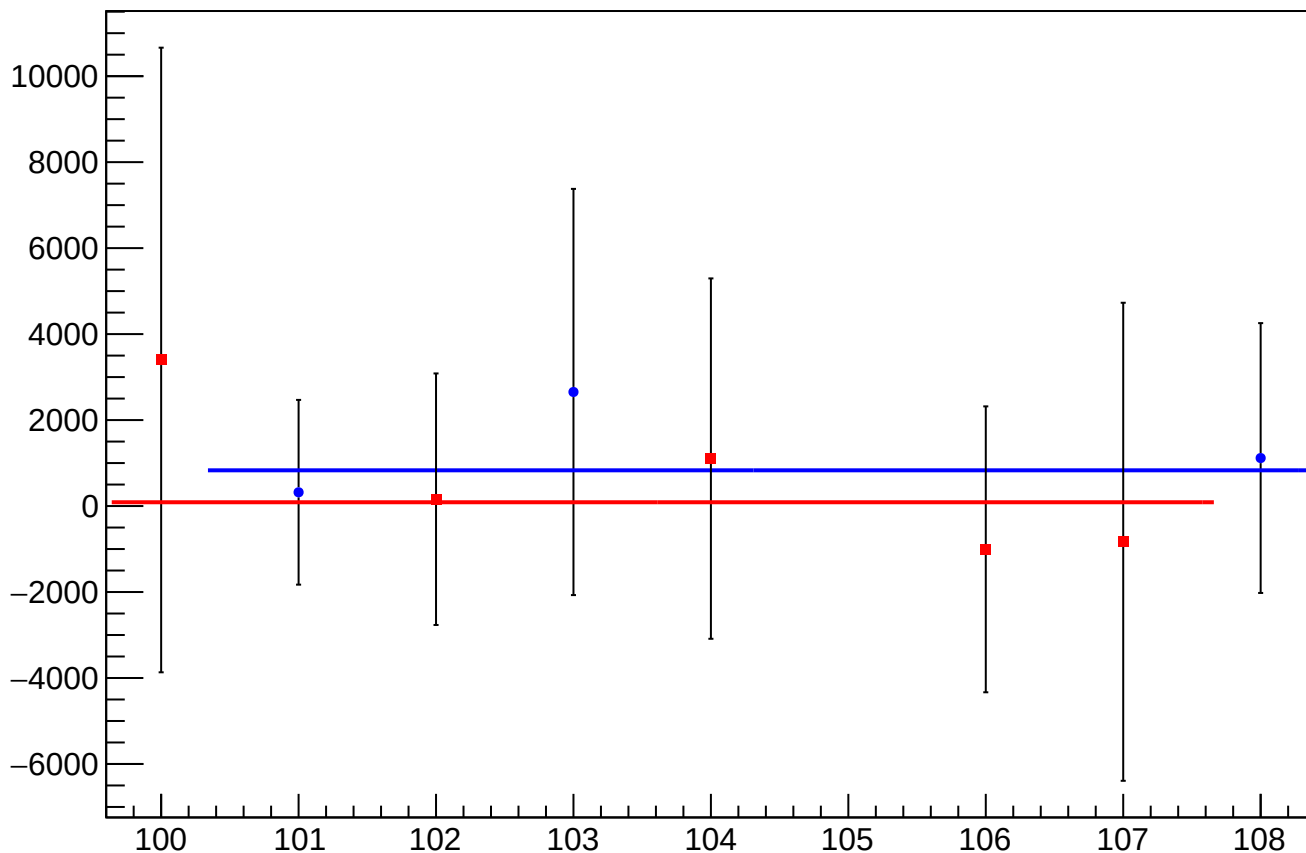
Right: 1213.490+/-0.522 χ^2/NDF : 1457408.2/7

In: 1117.540+/-0.670 χ^2/NDF : 496568.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1213.490+/-0.522 χ^2/NDF : 1457408.2/7

asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 831.163+/-1660.049 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.200+/-1780.457 χ^2/NDF : 0.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

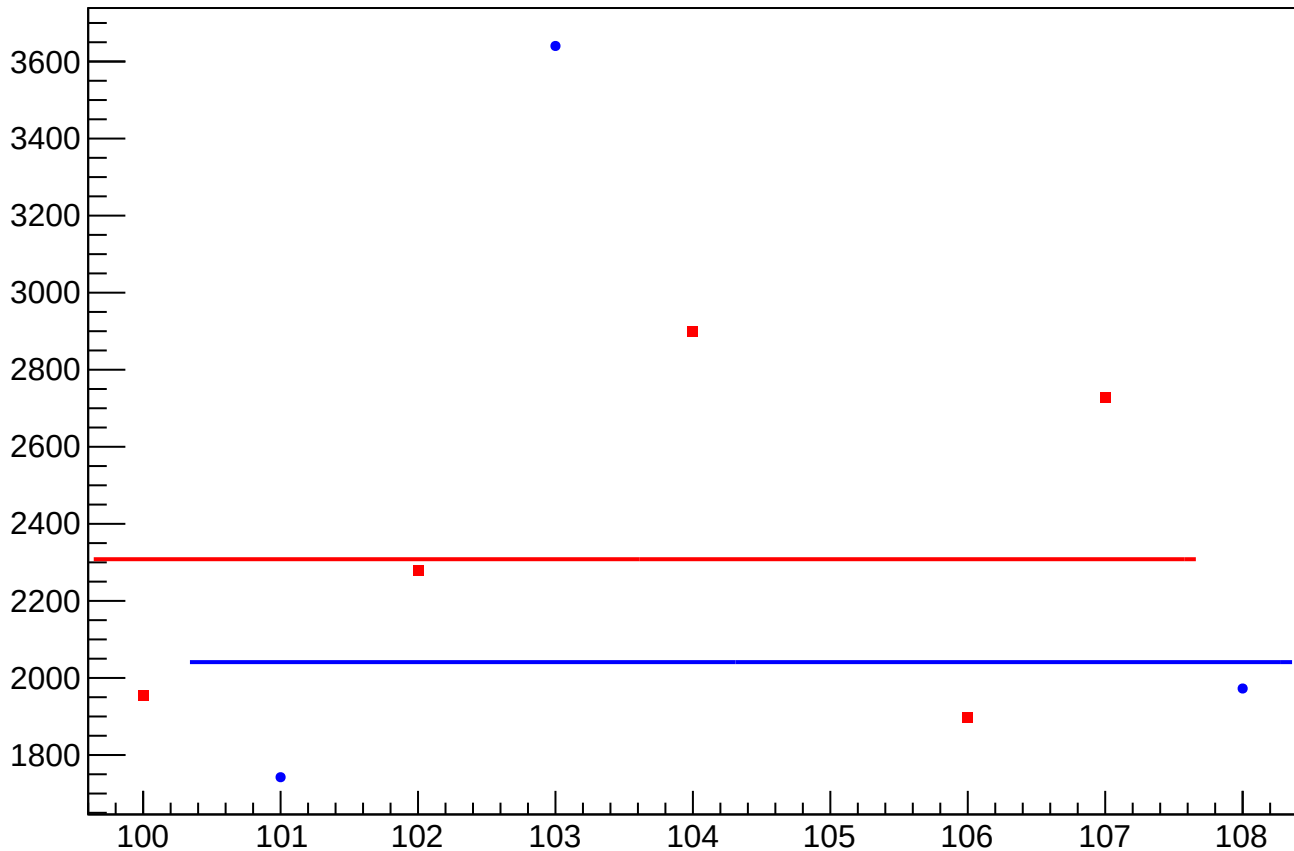
Right: 485.651+/-1214.169 χ^2/NDF : 0.7/7

In: 831.163+/-1660.049 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 485.651+/-1214.169 χ^2/NDF : 0.7/7

asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 2041.088+/-1.174 χ^2/NDF : 268751.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2308.190+/-1.259 χ^2/NDF : 86573.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

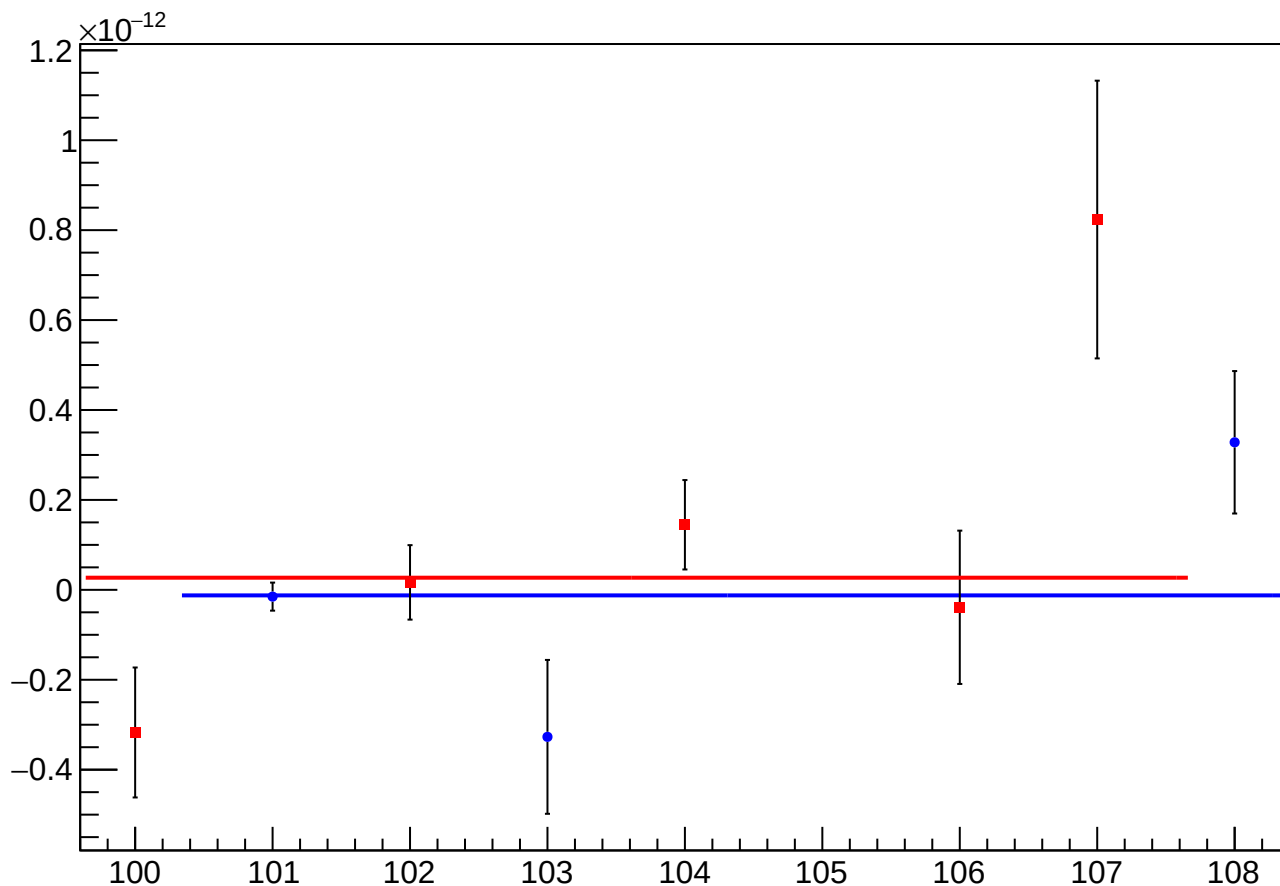
Right: 2165.302+/-0.859 χ^2/NDF : 379404.4/7

In: 2041.088+/-1.174 χ^2/NDF : 268751.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2165.302+/-0.859 χ^2/NDF : 379404.4/7

asym_usl_atl1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

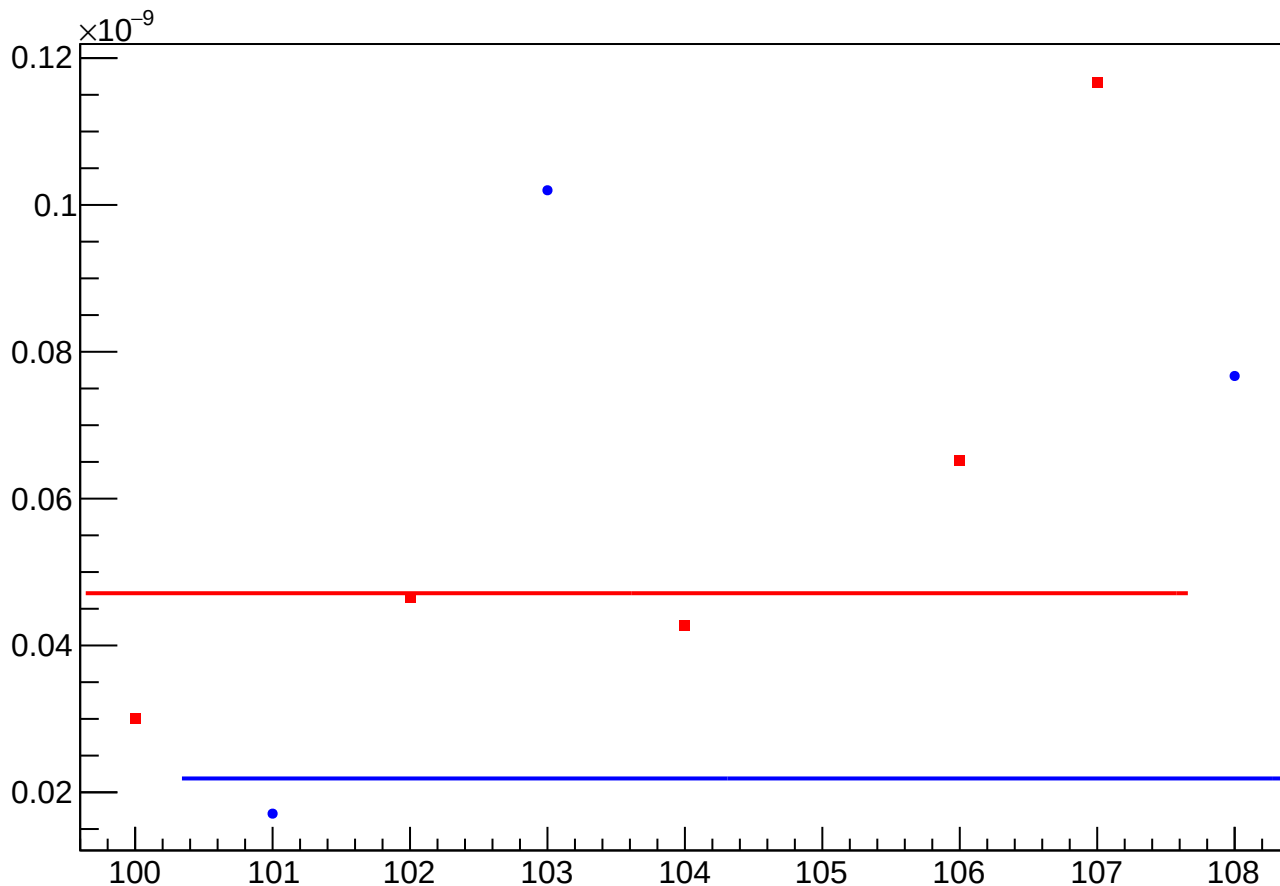
Right: -0.000+/-0.000 χ^2/NDF : 22.3/7

In: -0.000+/-0.000 χ^2/NDF : 8.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.3/7

asym_usl_atl1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 725062.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 155743.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

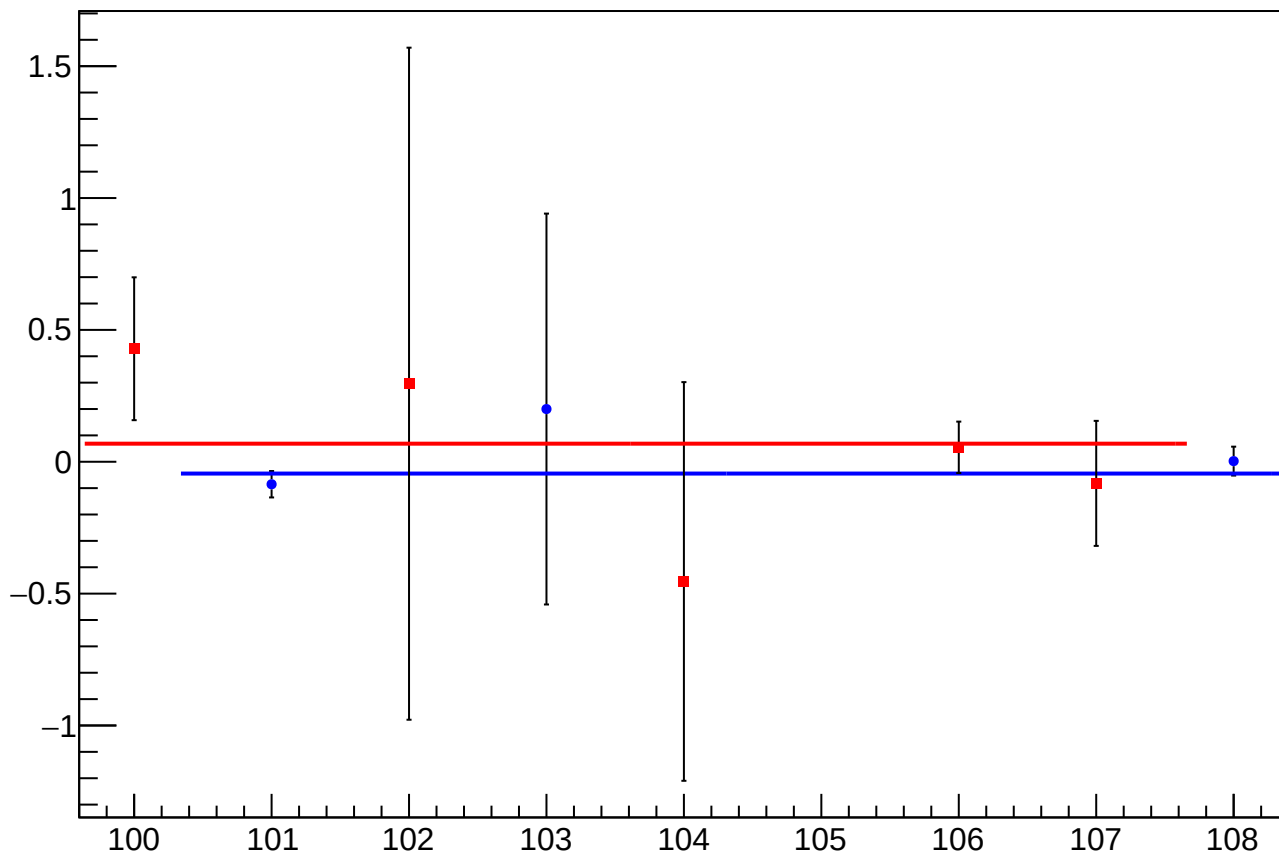
Right: 0.000+/-0.000 χ^2/NDF : 1211333.2/7

In: 0.000+/-0.000 χ^2/NDF : 725062.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1211333.2/7

asym_usl_atl1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.045+/-0.037 χ^2/NDF : 1.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.069+/-0.085 χ^2/NDF : 2.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

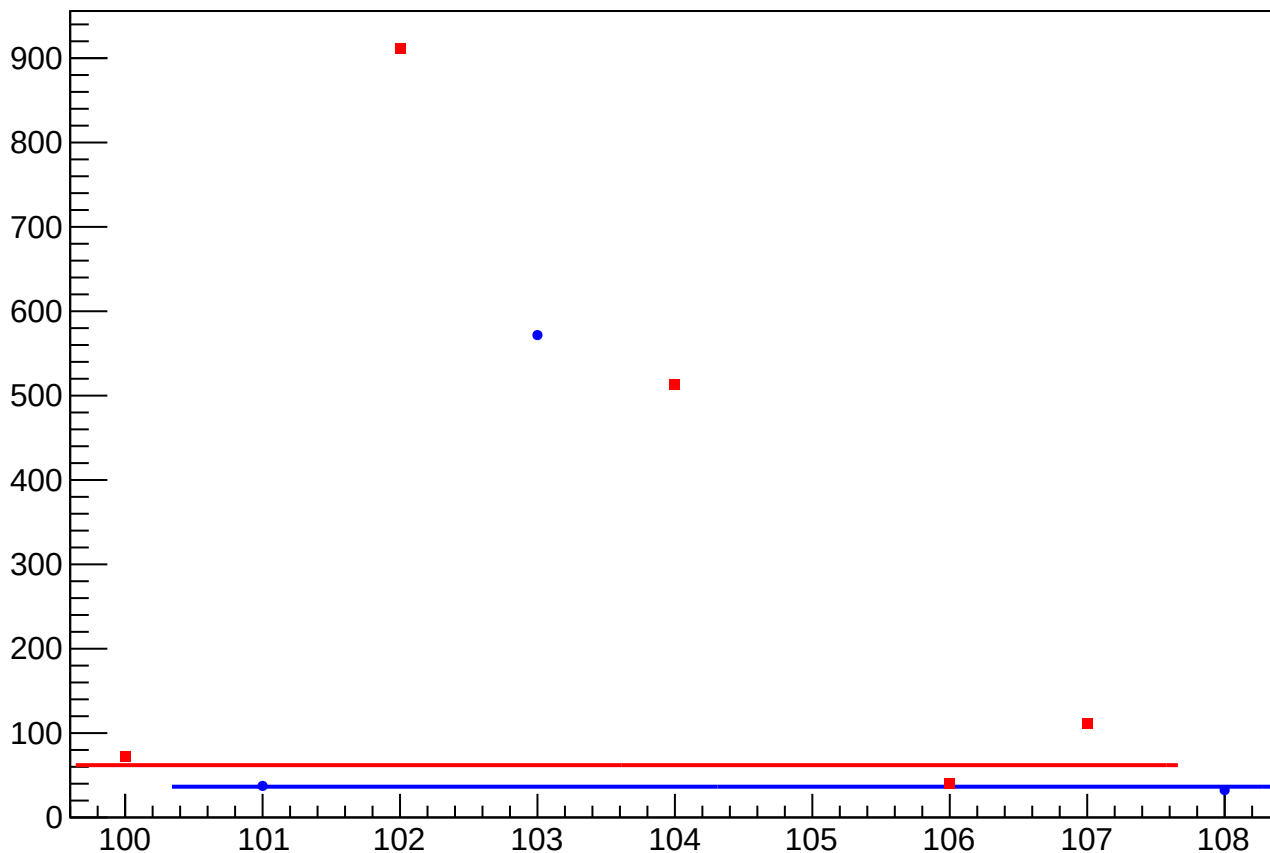
Right: -0.027+/-0.034 χ^2/NDF : 5.7/7

In: -0.045+/-0.037 χ^2/NDF : 1.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.027+/-0.034 χ^2/NDF : 5.7/7

asym_usl_atl1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.454+/-0.026 χ^2/NDF : 1055274.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.993+/-0.060 χ^2/NDF : 1794807.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

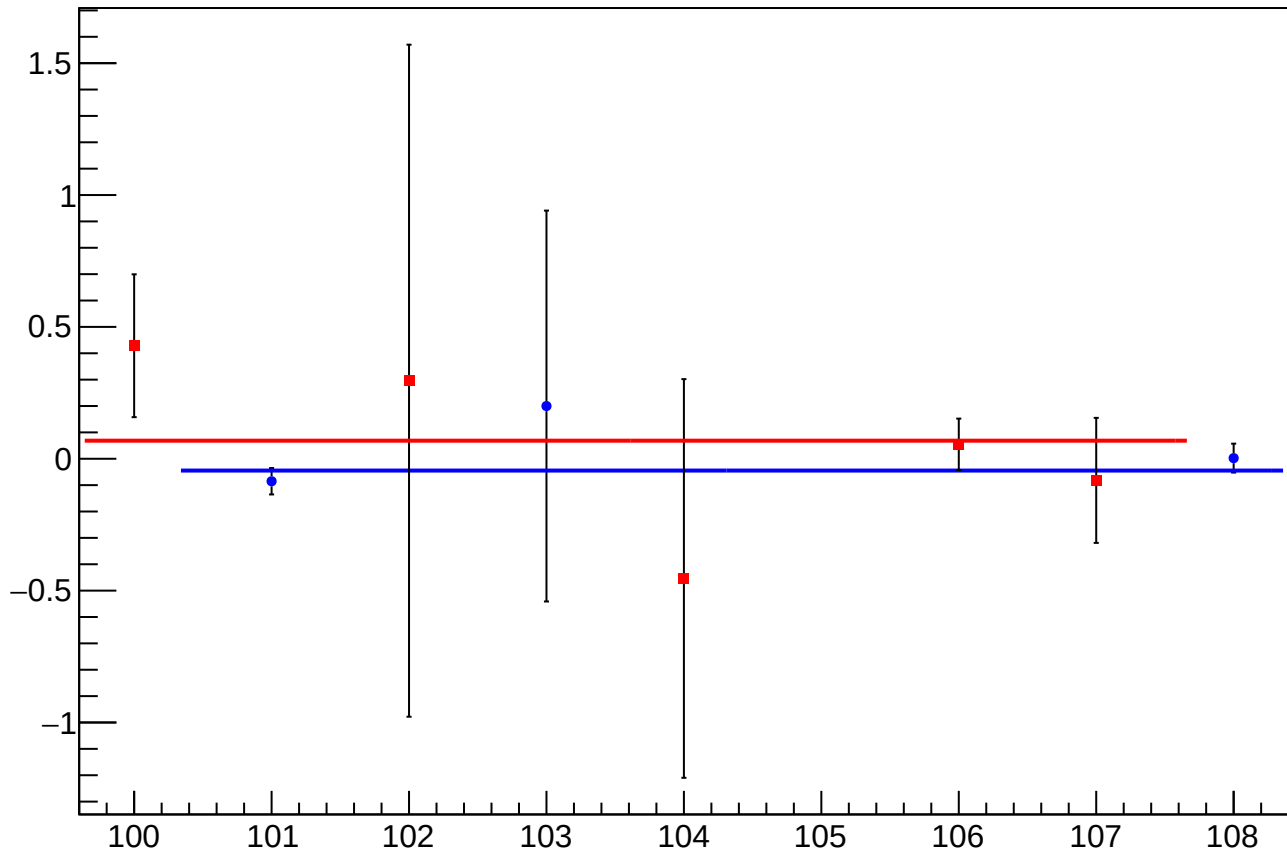
Right: 40.521+/-0.024 χ^2/NDF : 3002634.4/7

In: 36.454+/-0.026 χ^2/NDF : 1055274.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.521+/-0.024 χ^2/NDF : 3002634.4/7

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.045+/-0.037 χ^2/NDF : 1.5/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.069+/-0.085 χ^2/NDF : 2.7/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

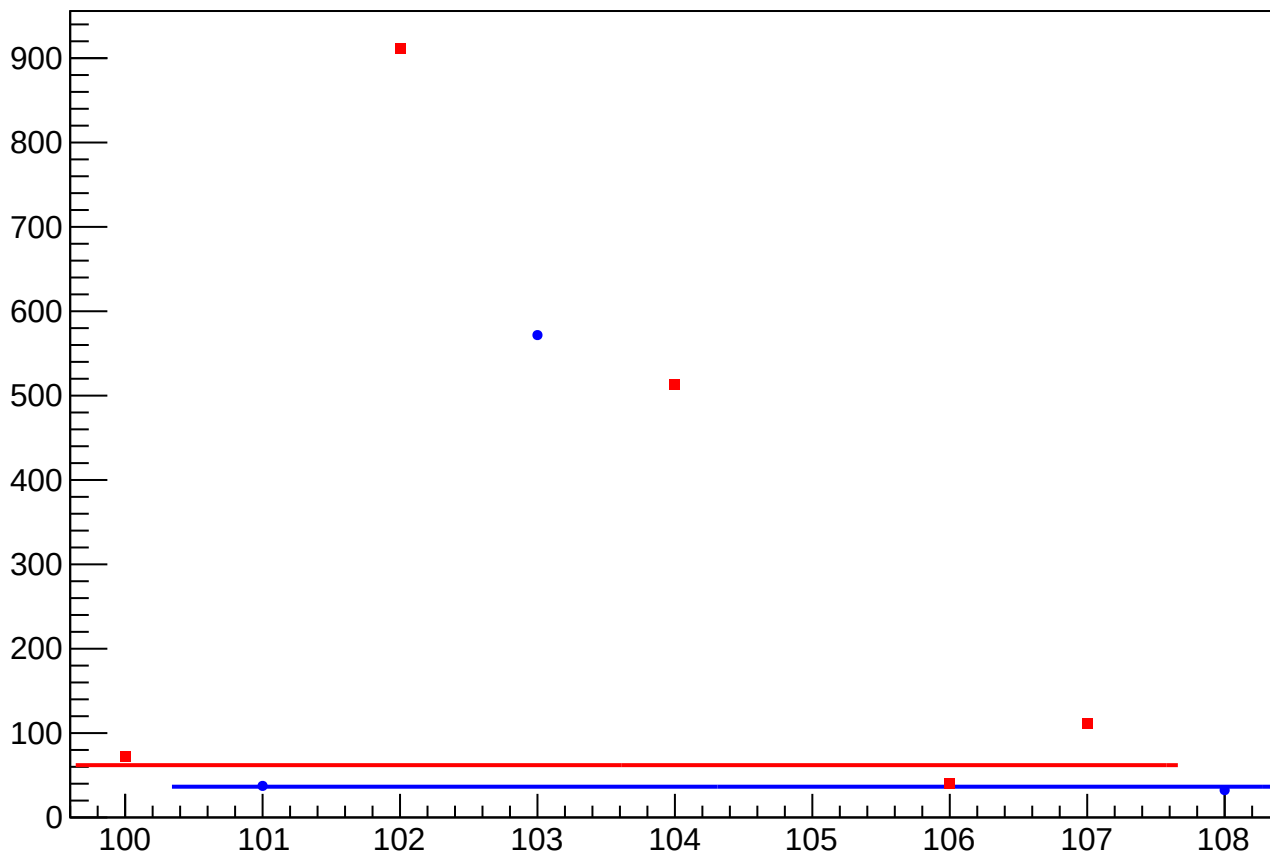
Right: -0.027+/-0.034 χ^2/NDF : 5.7/7

In: -0.045+/-0.037 χ^2/NDF :1.5/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.027+/-0.034 χ^2/NDF : 5.7/7

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.454 $\pm$ 0.026 χ^2 /NDF: 1055274.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 61.993 $\pm$ 0.060 χ^2 /NDF: 1794807.9/4

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

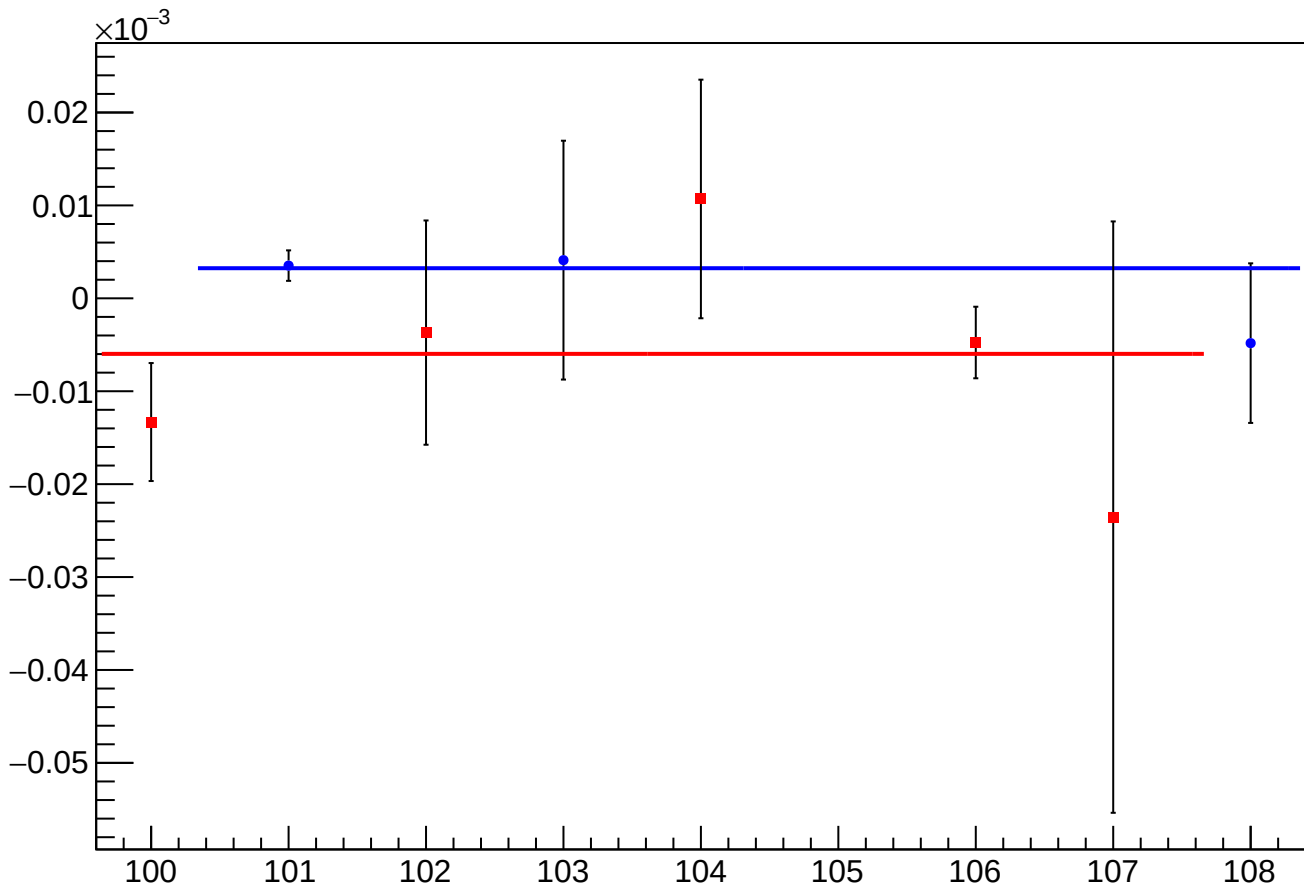
Right: 40.521 $\pm$ 0.024 χ^2 /NDF: 3002634.4/7

In: 36.454 $\pm$ 0.026 χ^2 /NDF:1055274.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 40.521 $\pm$ 0.024 χ^2 /NDF: 3002634.4/7

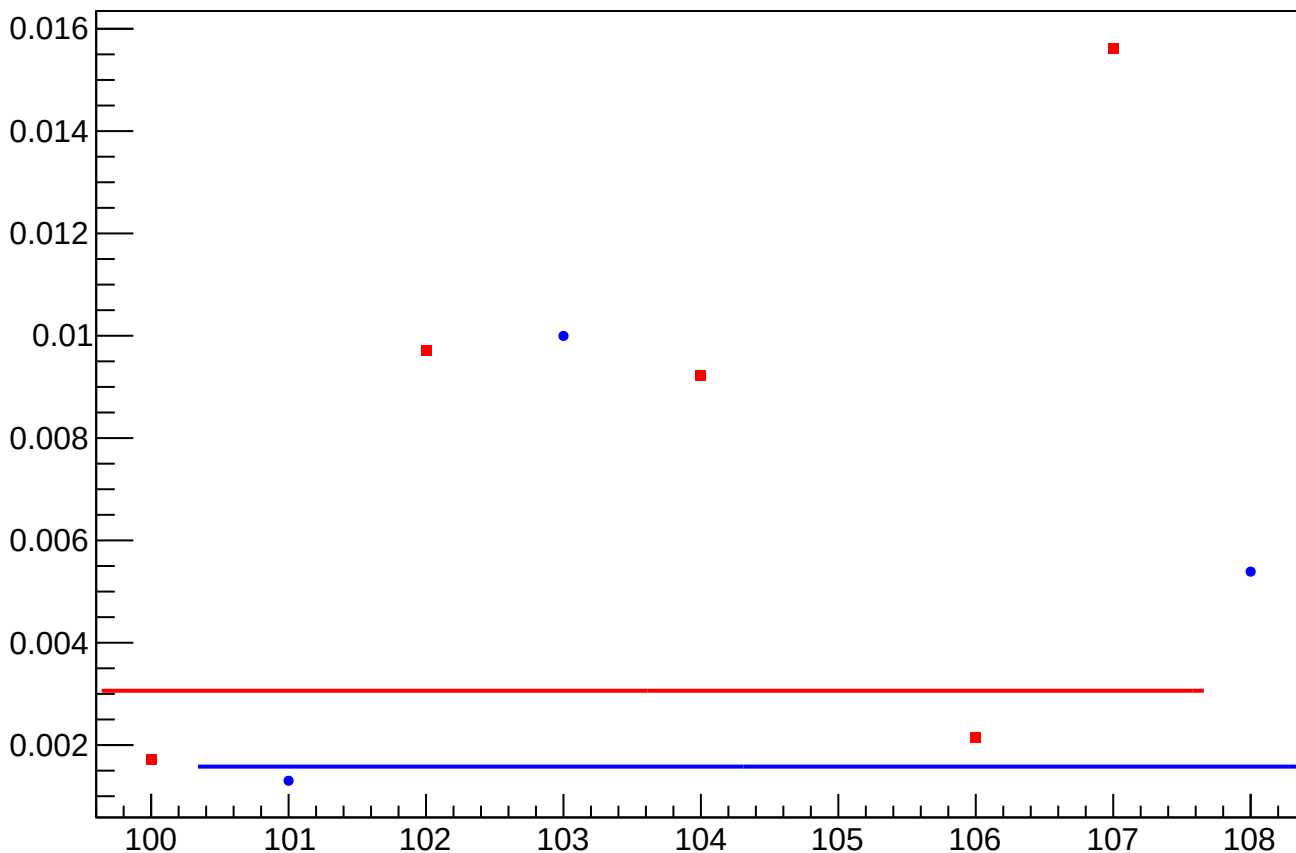
asym_usl_atl1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.9/2
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.5/4
 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: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.5/7
 In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.9/2
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.5/7

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1308261.5/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1584575.1/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

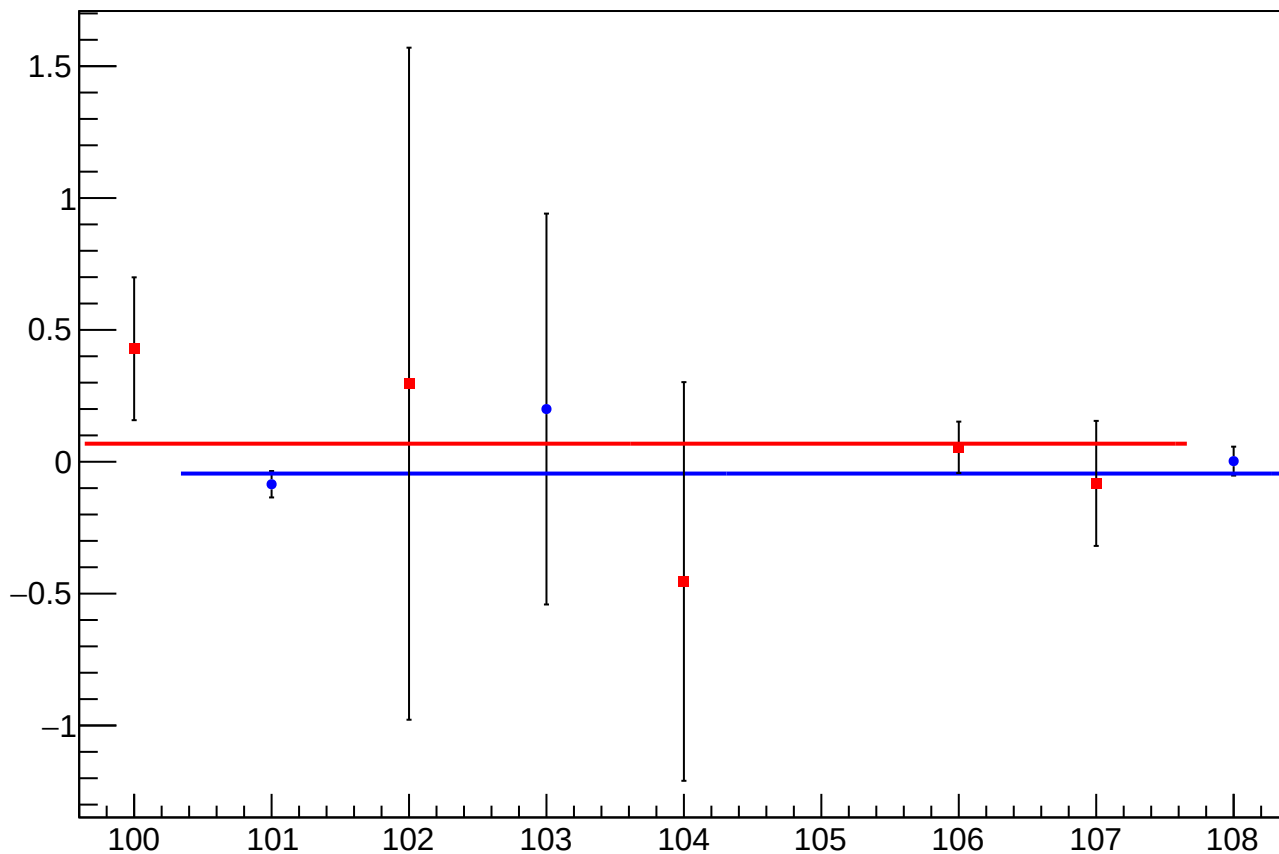
Right: 0.002+/-0.000 χ^2/NDF : 3259933.4/7

In: 0.002+/-0.000 χ^2/NDF :1308261.5/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3259933.4/7

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.045+/-0.037 χ^2/NDF : 1.5/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.069+/-0.085 χ^2/NDF : 2.7/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

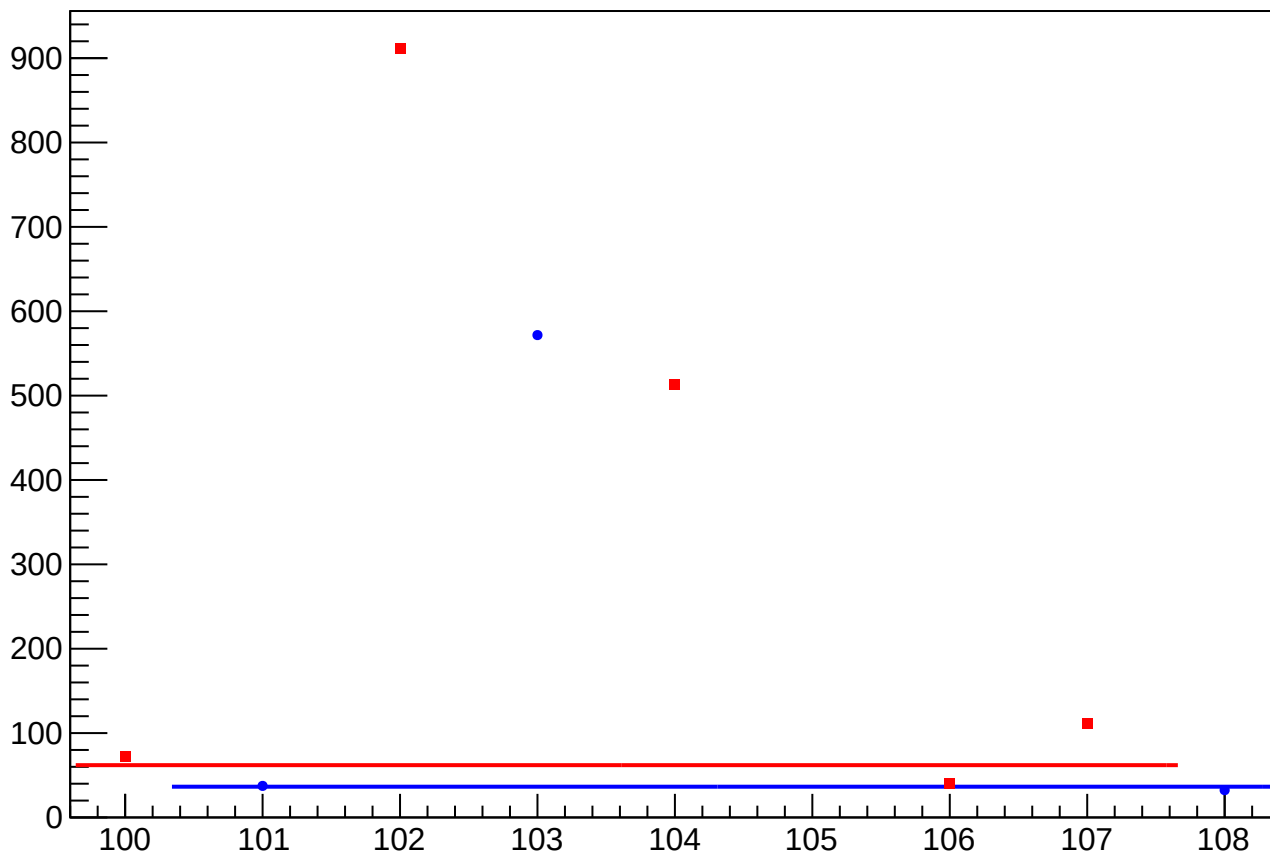
Right: -0.027+/-0.034 χ^2/NDF : 5.7/7

In: -0.045+/-0.037 χ^2/NDF :1.5/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.027+/-0.034 χ^2/NDF : 5.7/7

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.454+/-0.026 χ^2/NDF : 1055267.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.987+/-0.060 χ^2/NDF : 1794864.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

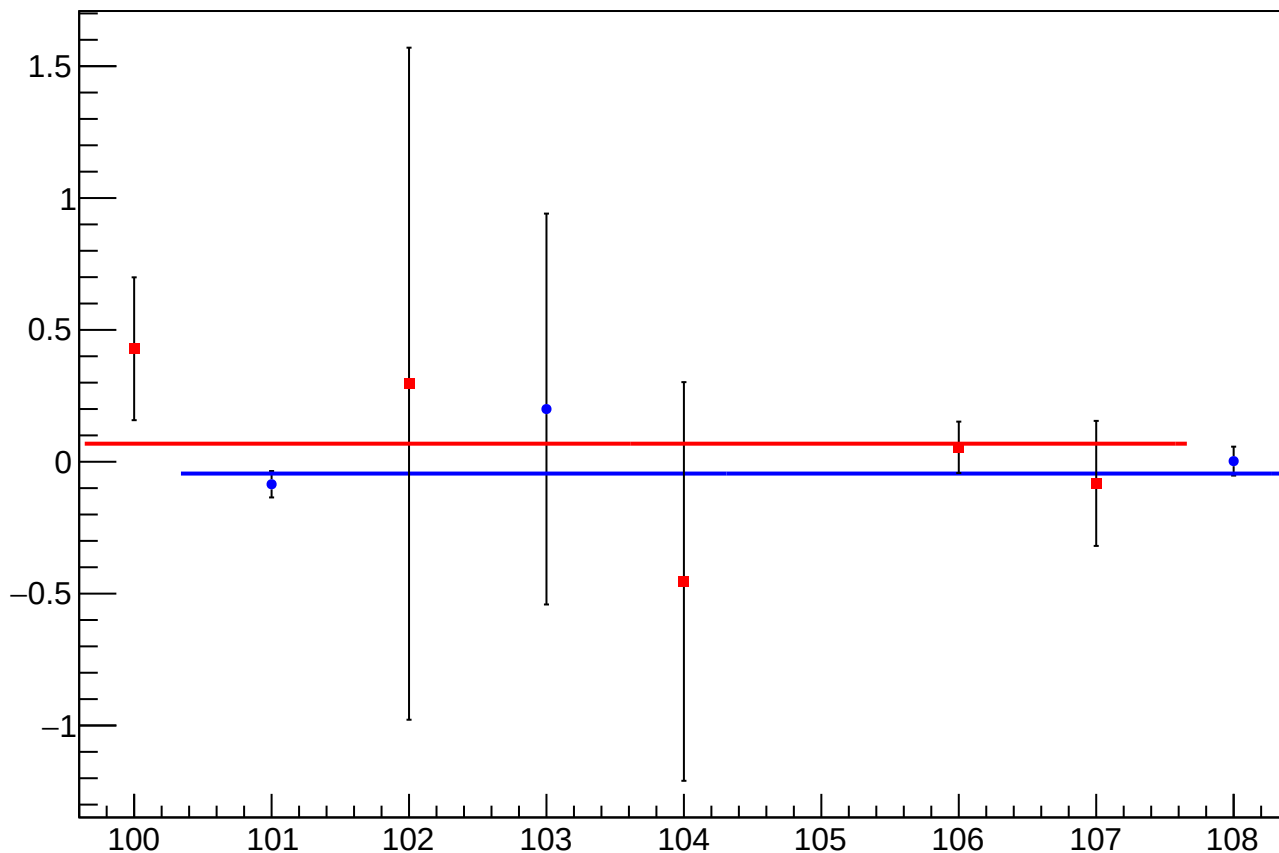
Right: 40.521+/-0.024 χ^2/NDF : 3002618.3/7

In: 36.454+/-0.026 χ^2/NDF : 1055267.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.521+/-0.024 χ^2/NDF : 3002618.3/7

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.045+/-0.037 χ^2/NDF : 1.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.069+/-0.085 χ^2/NDF : 2.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

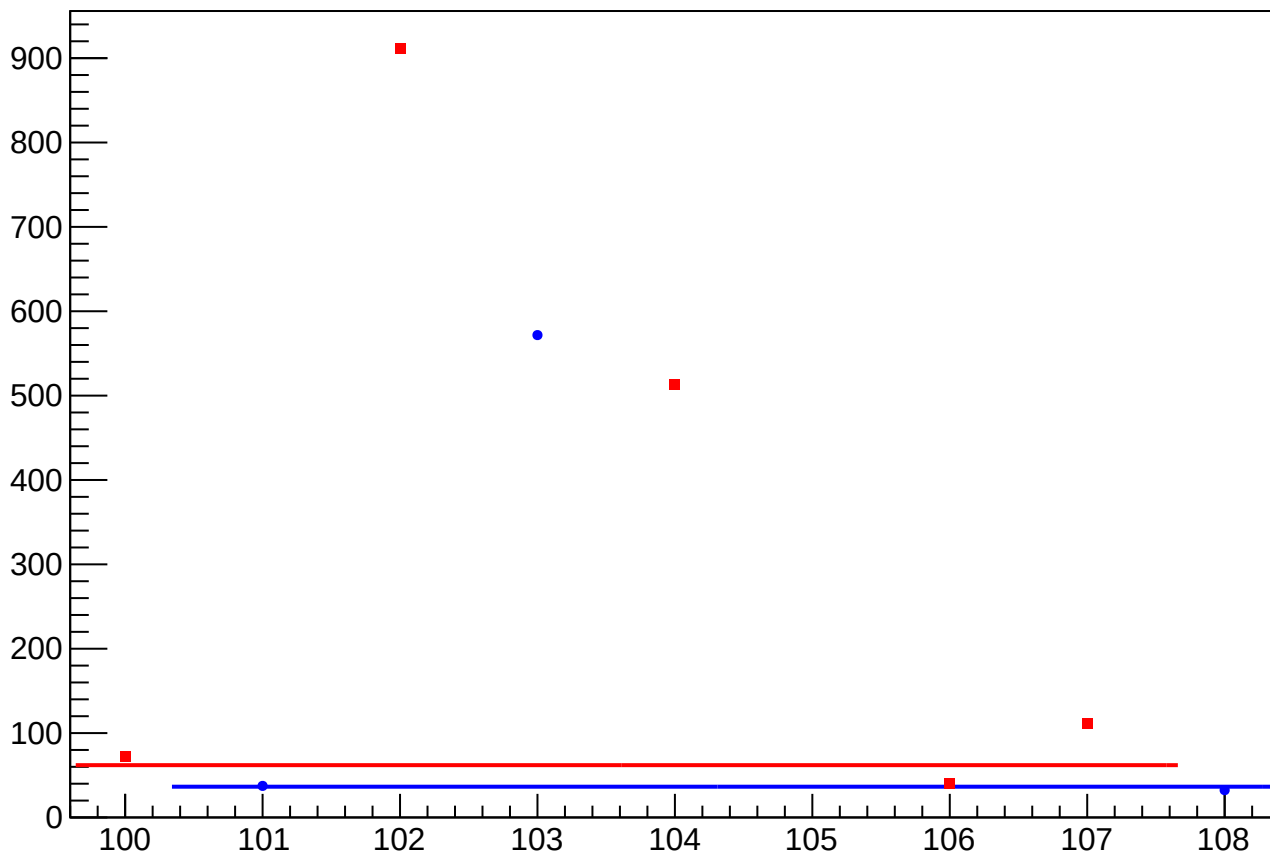
Right: -0.027+/-0.034 χ^2/NDF : 5.7/7

In: -0.045+/-0.037 χ^2/NDF : 1.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.027+/-0.034 χ^2/NDF : 5.7/7

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.454+/-0.026 χ^2/NDF : 1055267.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.987+/-0.060 χ^2/NDF : 1794864.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

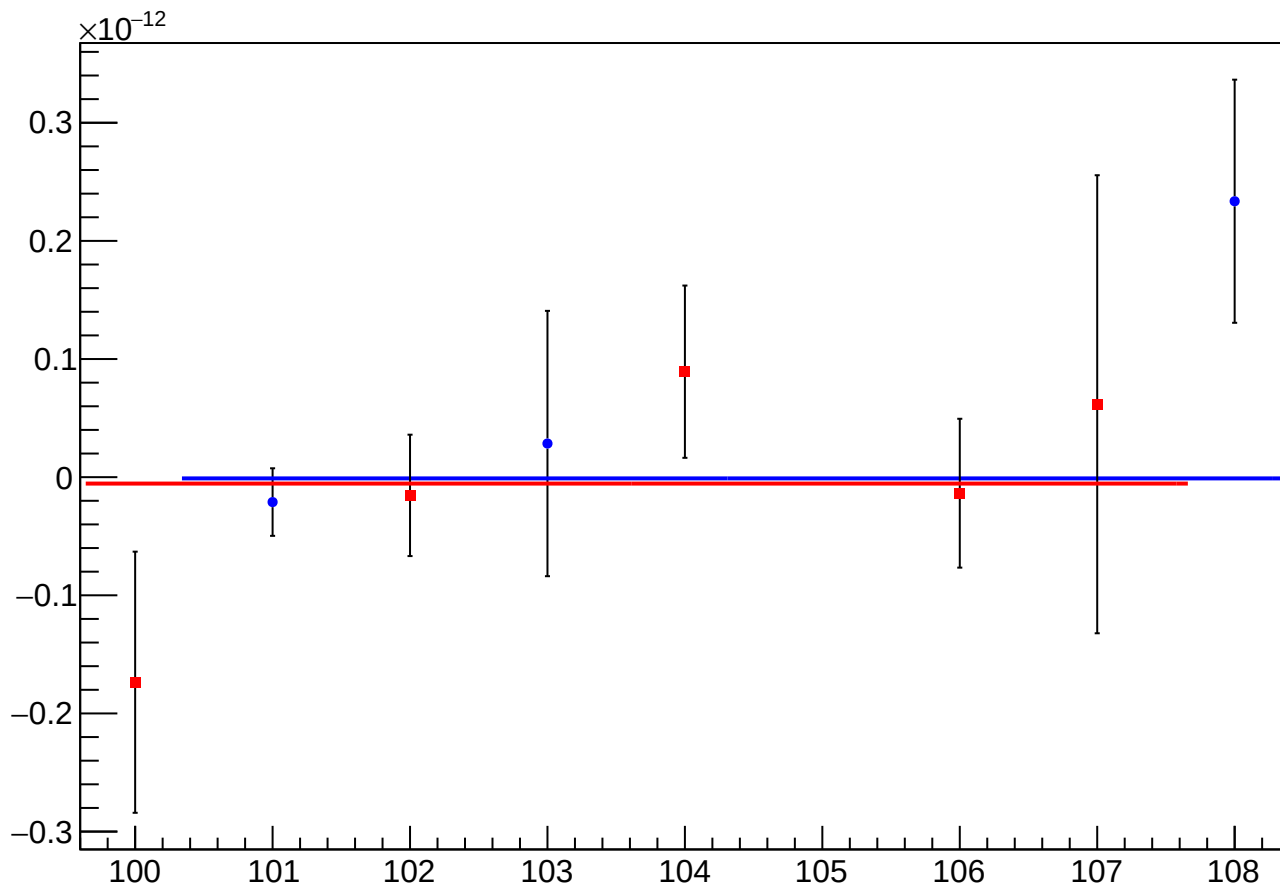
Right: 40.521+/-0.024 χ^2/NDF : 3002618.3/7

In: 36.454+/-0.026 χ^2/NDF : 1055267.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.521+/-0.024 χ^2/NDF : 3002618.3/7

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.8/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.2/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

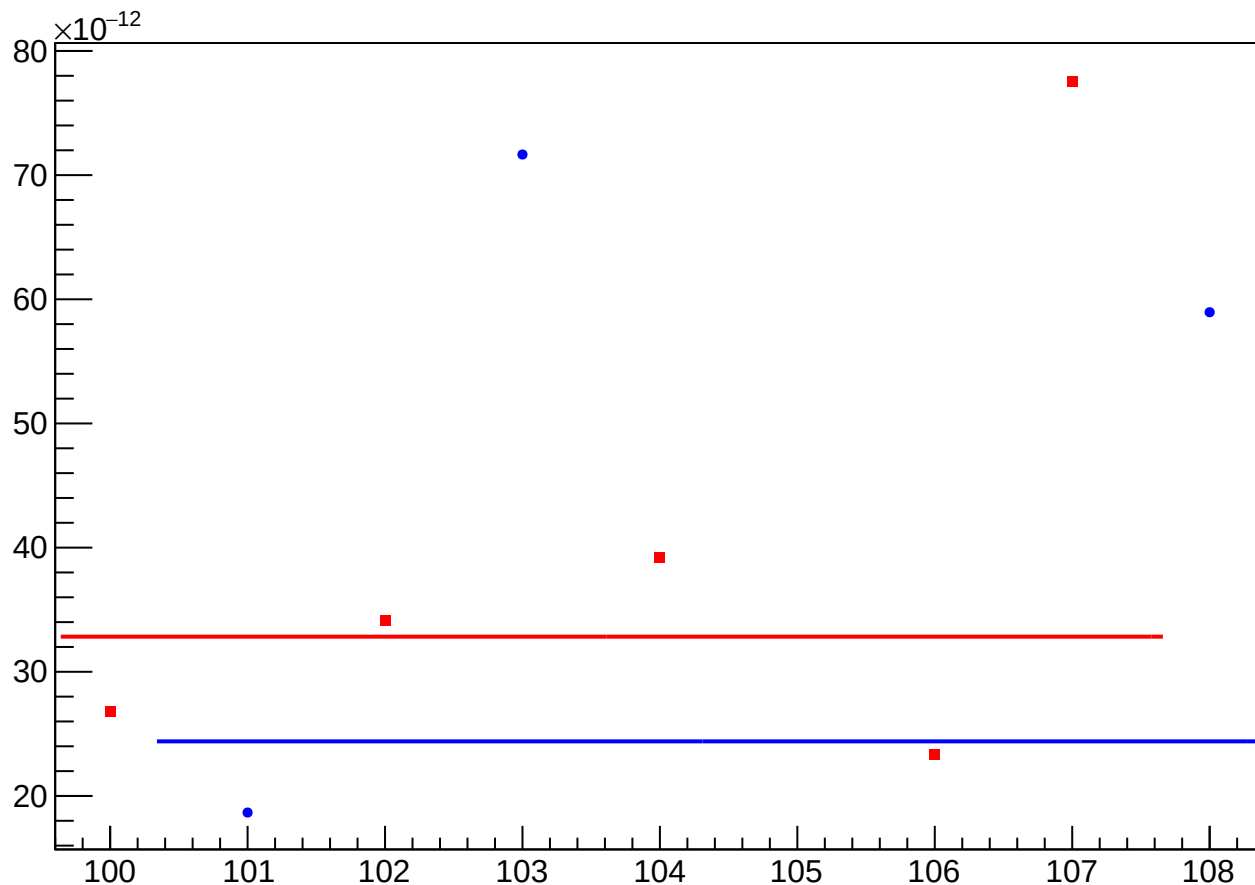
Right: -0.000+/-0.000 χ^2/NDF : 9.9/7

In: -0.000+/-0.000 χ^2/NDF :5.8/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.9/7

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 660236.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 173994.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

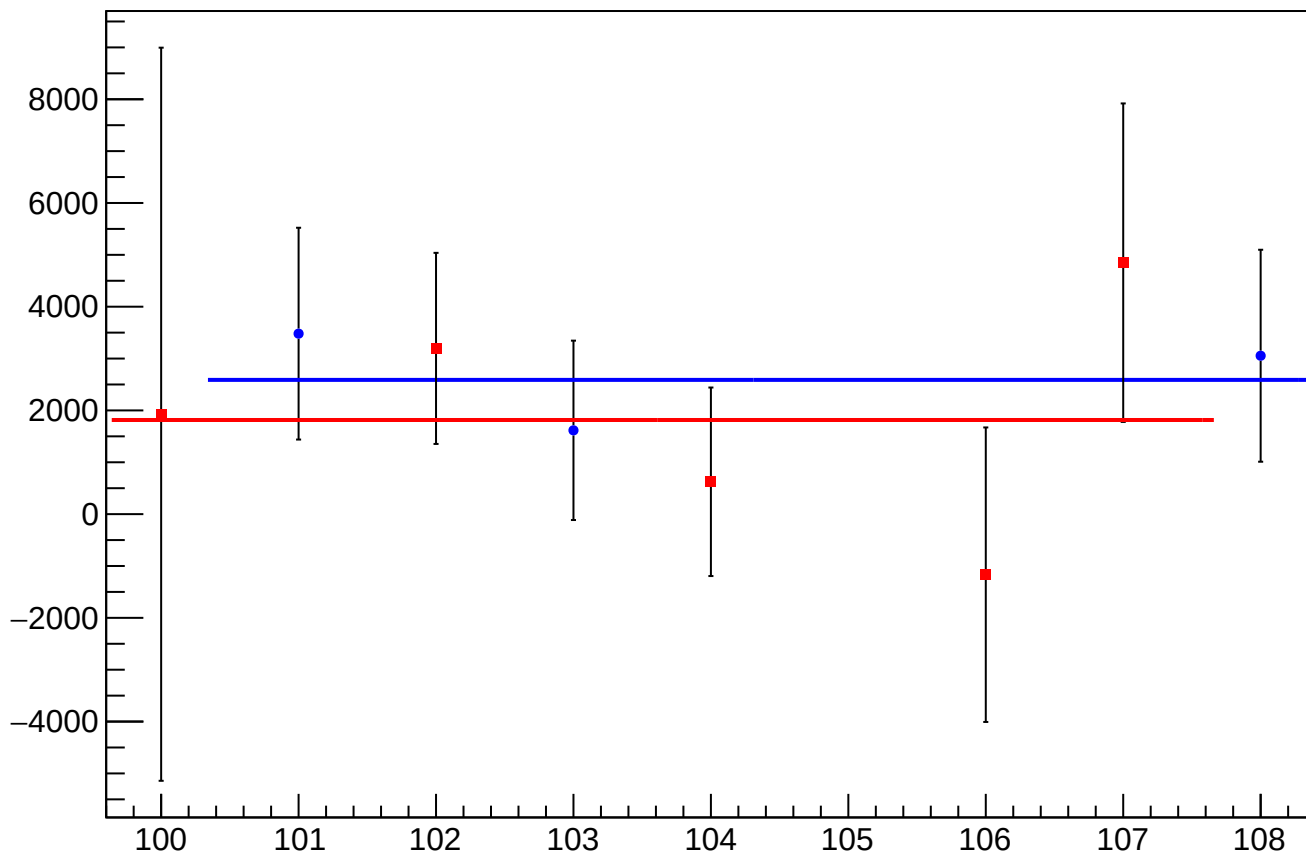
Right: 0.000+/-0.000 χ^2/NDF : 913495.0/7

In: 0.000+/-0.000 χ^2/NDF : 660236.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 913495.0/7

reg_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2588.709+/-1108.666 χ^2/NDF : 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1815.290+/-1086.321 χ^2/NDF : 3.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

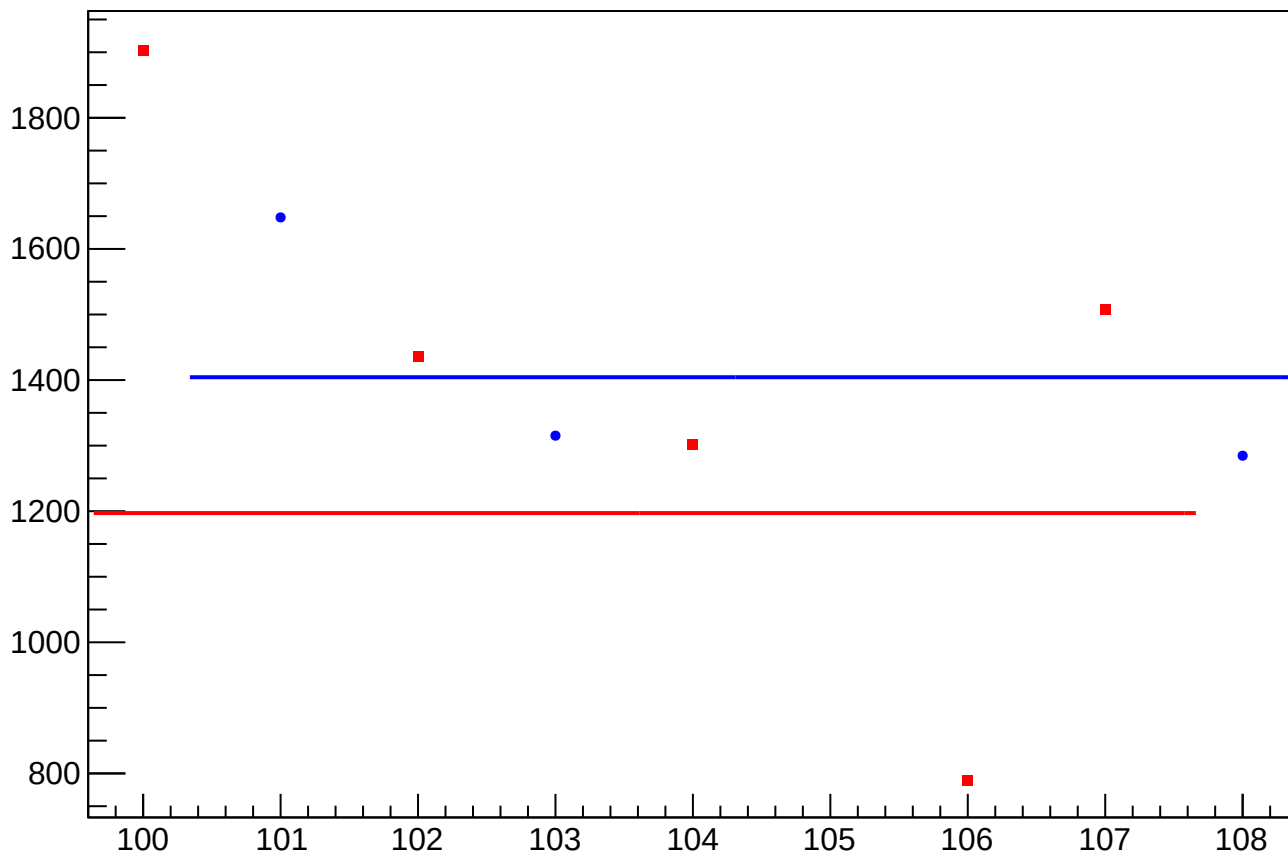
Right: 2194.127+/-775.924 χ^2/NDF : 3.9/7

In: 2588.709+/-1108.666 χ^2/NDF : 0.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2194.127+/-775.924 χ^2/NDF : 3.9/7

reg_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1404.326+/-0.784 χ^2/NDF : 40681.8/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1197.112+/-0.677 χ^2/NDF : 202619.3/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

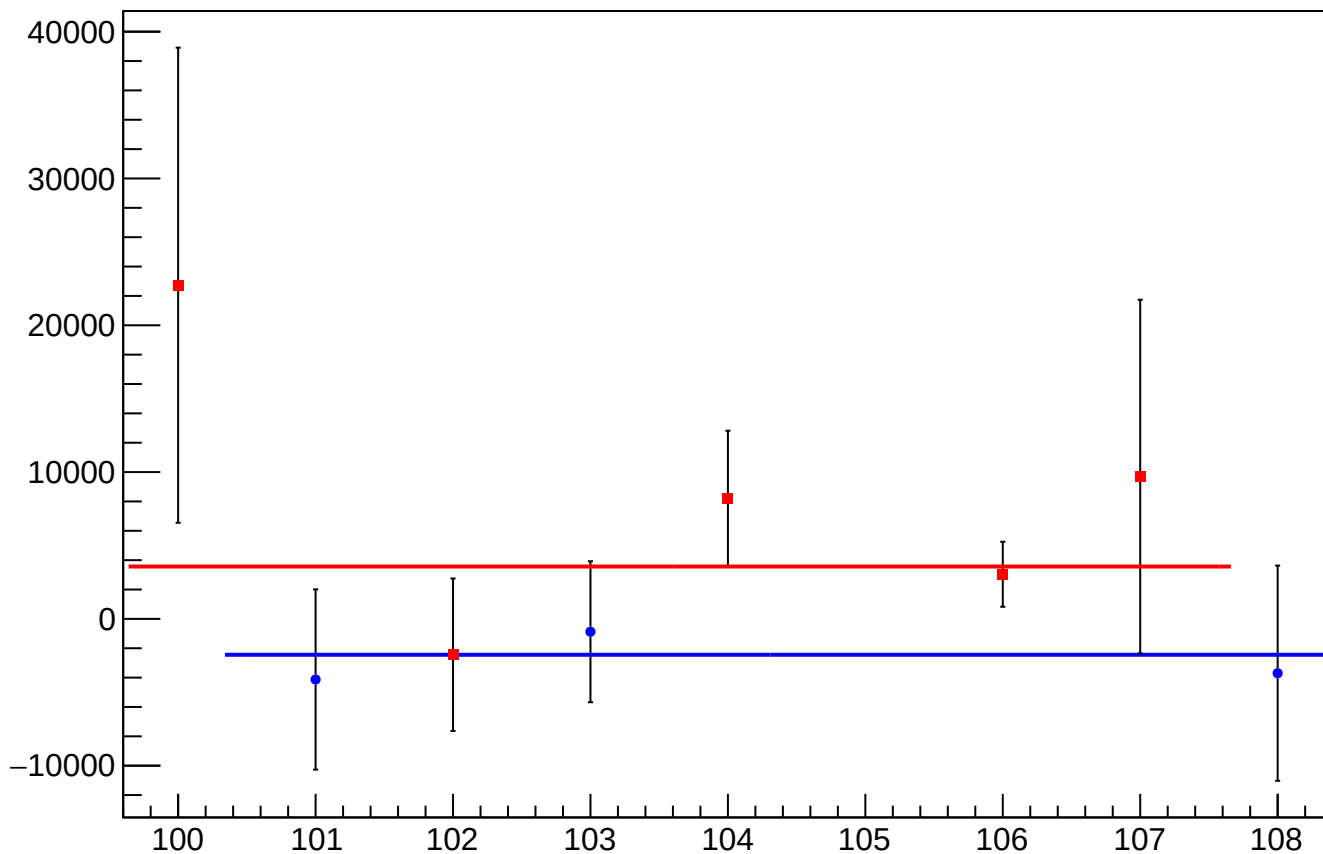
Right: 1285.651+/-0.512 χ^2/NDF : 283314.7/7

In: 1404.326+/-0.784 χ^2/NDF :40681.8/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1285.651+/-0.512 χ^2/NDF : 283314.7/7

asym_usl_atl2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -2444.539+/-3360.785 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3567.151+/-1830.766 χ^2/NDF : 4.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

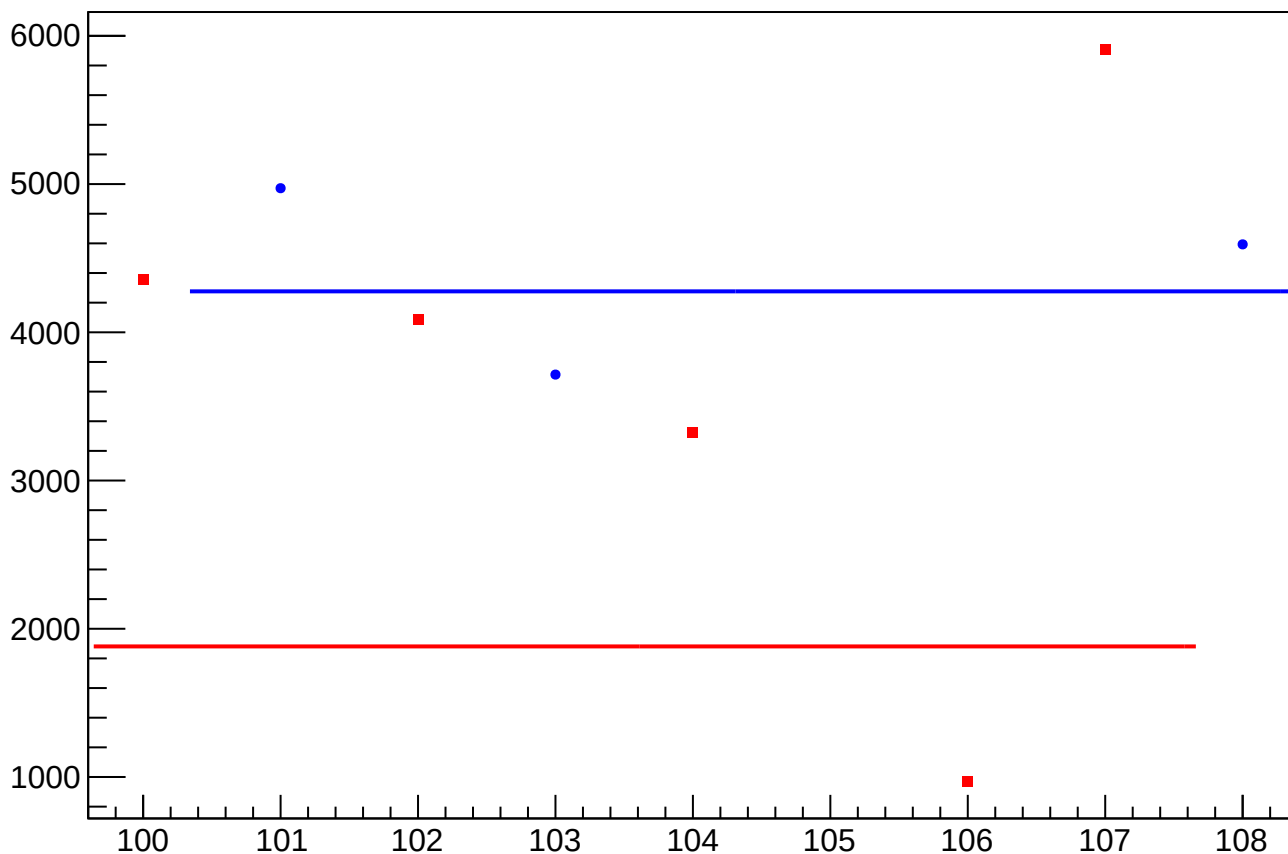
Right: 2191.444+/-1607.701 χ^2/NDF : 6.7/7

In: -2444.539+/-3360.785 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2191.444+/-1607.701 χ^2/NDF : 6.7/7

asym_usl_atl2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 4276.269+/-2.376 χ^2/NDF : 56800.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1880.878+/-1.295 χ^2/NDF : 1162559.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

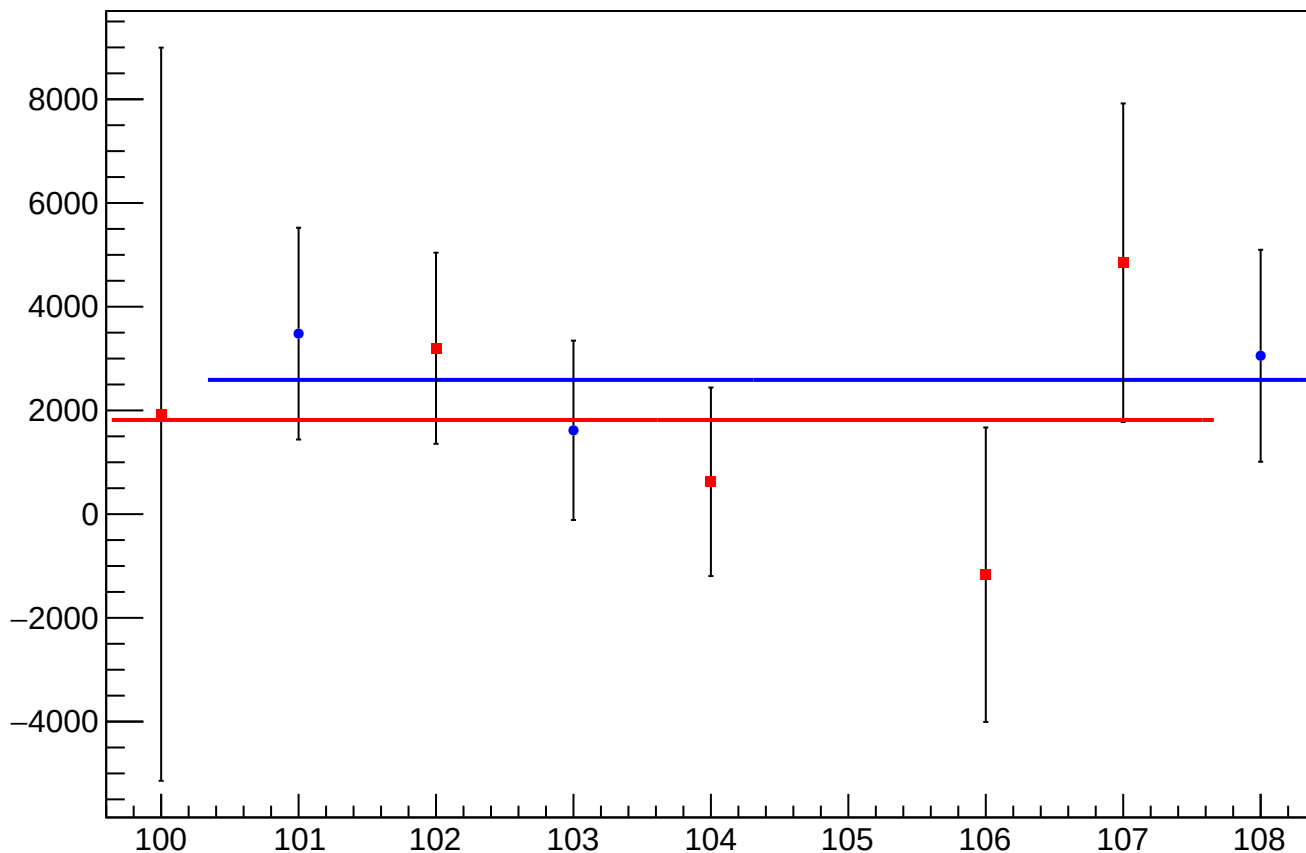
Right: 2429.036+/-1.137 χ^2/NDF : 2002873.5/7

In: 4276.269+/-2.376 χ^2/NDF : 56800.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2429.036+/-1.137 χ^2/NDF : 2002873.5/7

cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2588.997+/-1108.666 χ^2/NDF : 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1816.251+/-1086.350 χ^2/NDF : 3.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

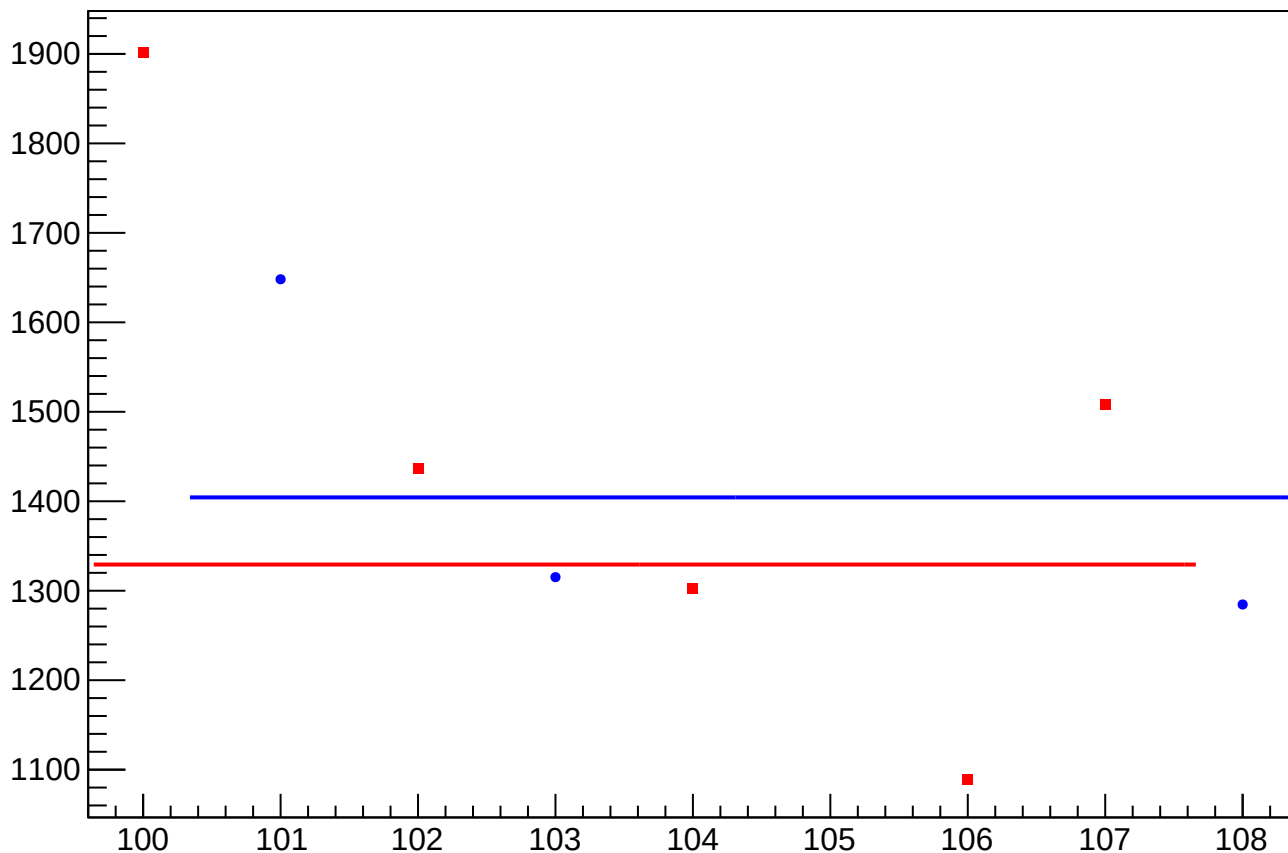
Right: 2194.769+/-775.935 χ^2/NDF : 3.9/7

In: 2588.997+/-1108.666 χ^2/NDF : 0.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2194.769+/-775.935 χ^2/NDF : 3.9/7

cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1404.325+/-0.784 χ^2/NDF : 40681.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1329.273+/-0.726 χ^2/NDF : 53036.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

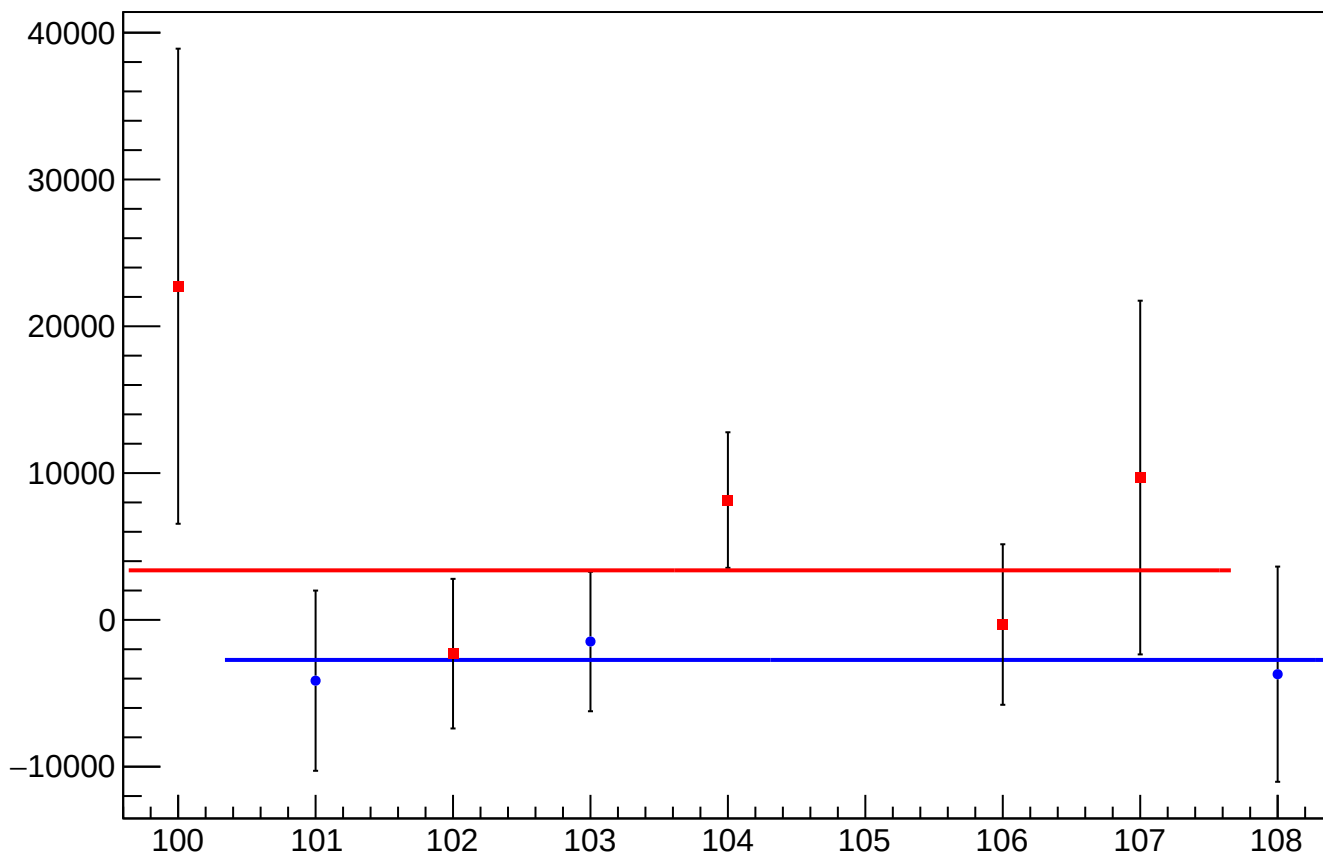
Right: 1363.940+/-0.533 χ^2/NDF : 98649.9/7

In: 1404.325+/-0.784 χ^2/NDF : 40681.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1363.940+/-0.533 χ^2/NDF : 98649.9/7

asym_usl_atl2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -2728.035+/-3343.699 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3374.631+/-2778.071 χ^2/NDF : 4.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

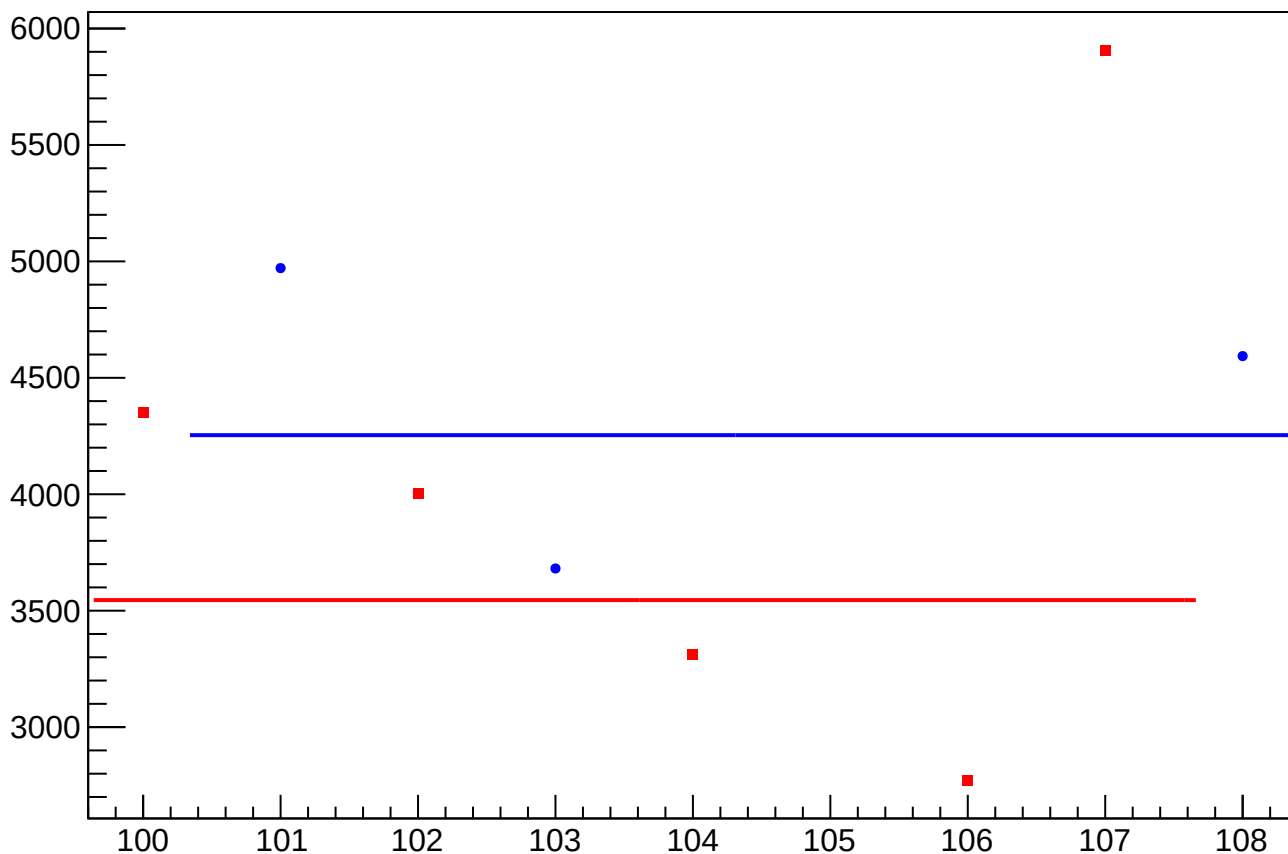
Right: 882.388+/-2136.793 χ^2/NDF : 6.6/7

In: -2728.035+/-3343.699 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 882.388+/-2136.793 χ^2/NDF : 6.6/7

asym_usl_atl2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 4253.808 $\pm$ 2.364 χ^2 /NDF: 60647.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3545.483 $\pm$ 1.964 χ^2 /NDF: 143402.1/4

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

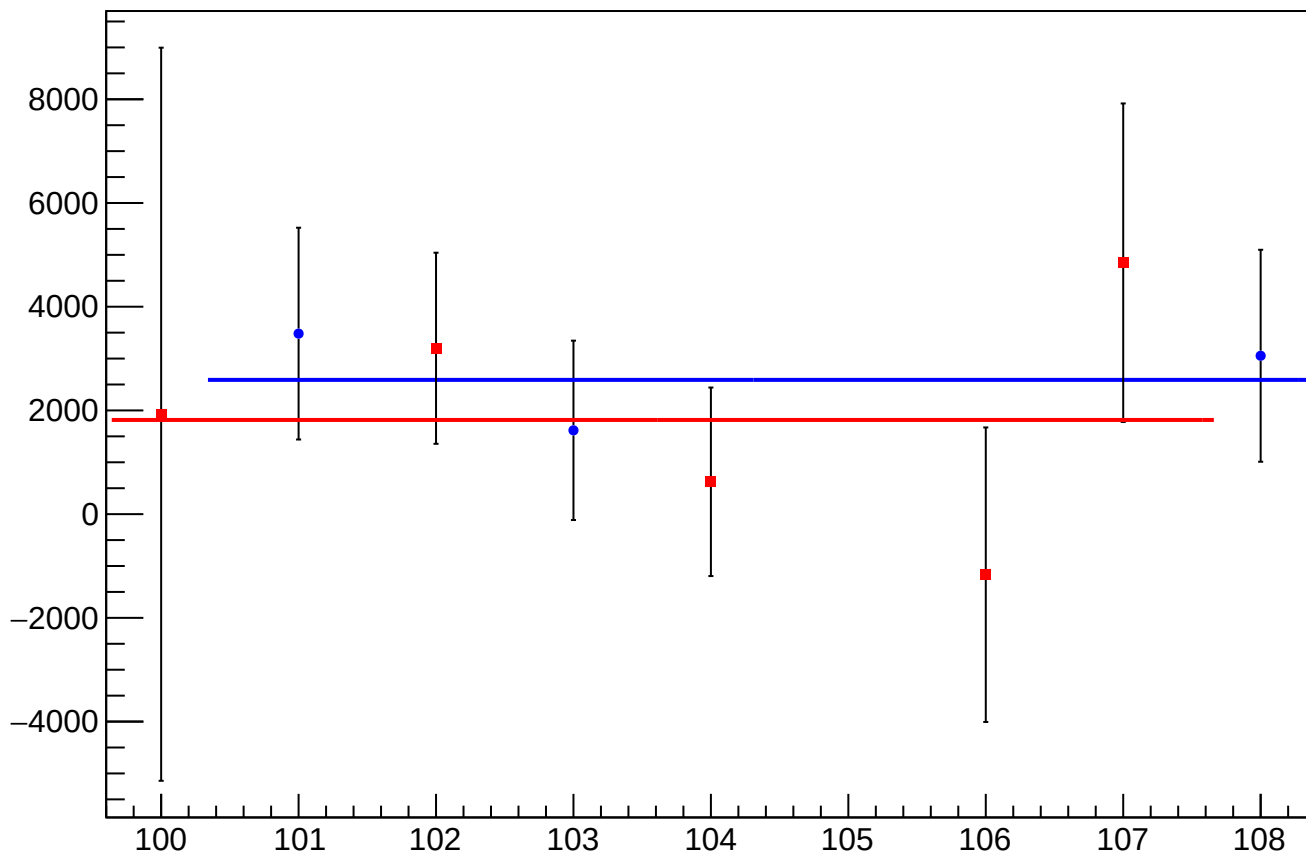
Right: 3834.752 $\pm$ 1.511 χ^2 /NDF: 257147.5/7

In: 4253.808 $\pm$ 2.364 χ^2 /NDF:60647.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3834.752 $\pm$ 1.511 χ^2 /NDF: 257147.5/7

eigen_cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2588.997 $\pm$ 1108.666 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1816.251 $\pm$ 1086.350 χ^2 /NDF: 3.1/4

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

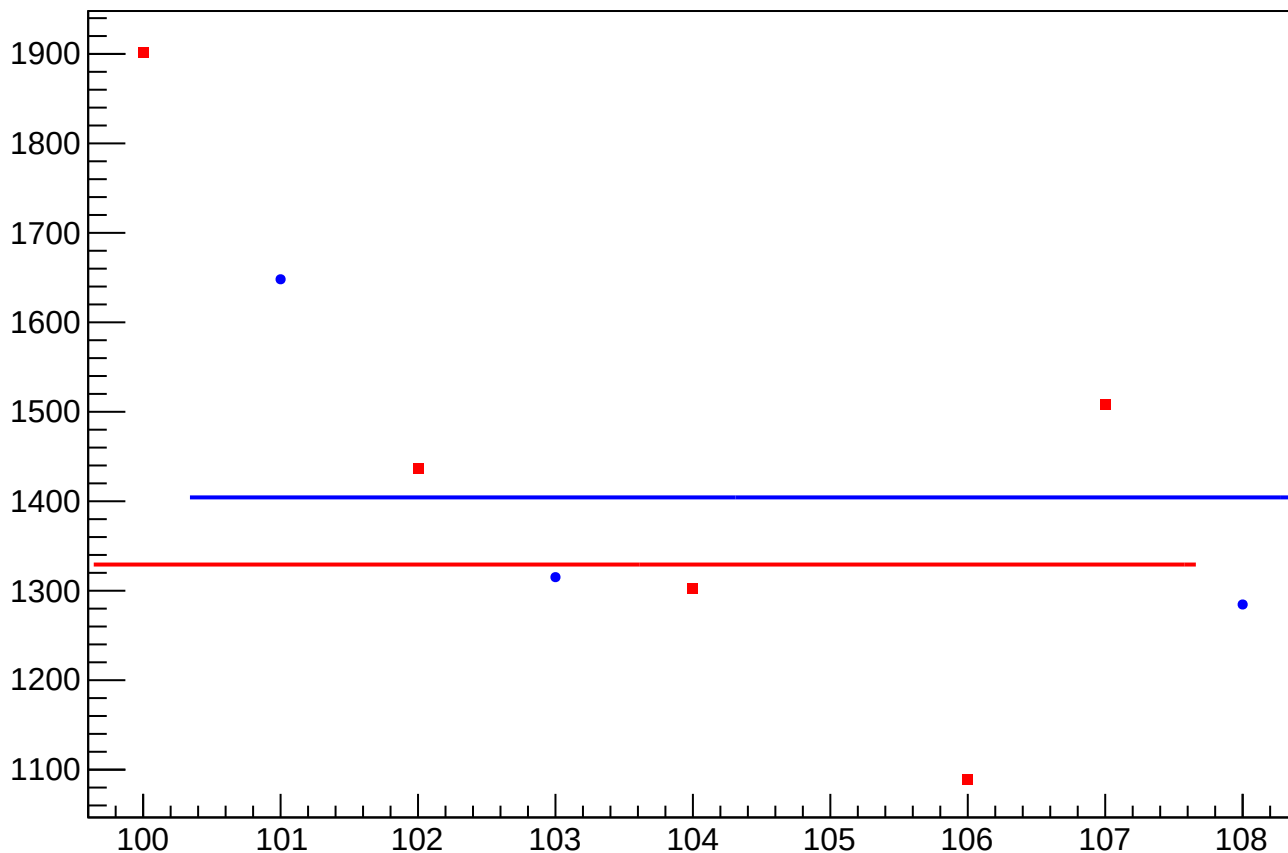
Right: 2194.769 $\pm$ 775.935 χ^2 /NDF: 3.9/7

In: 2588.997 $\pm$ 1108.666 χ^2 /NDF: 0.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2194.769 $\pm$ 775.935 χ^2 /NDF: 3.9/7

eigen_cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1404.325+/-0.784 χ^2/NDF : 40681.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1329.273+/-0.726 χ^2/NDF : 53036.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

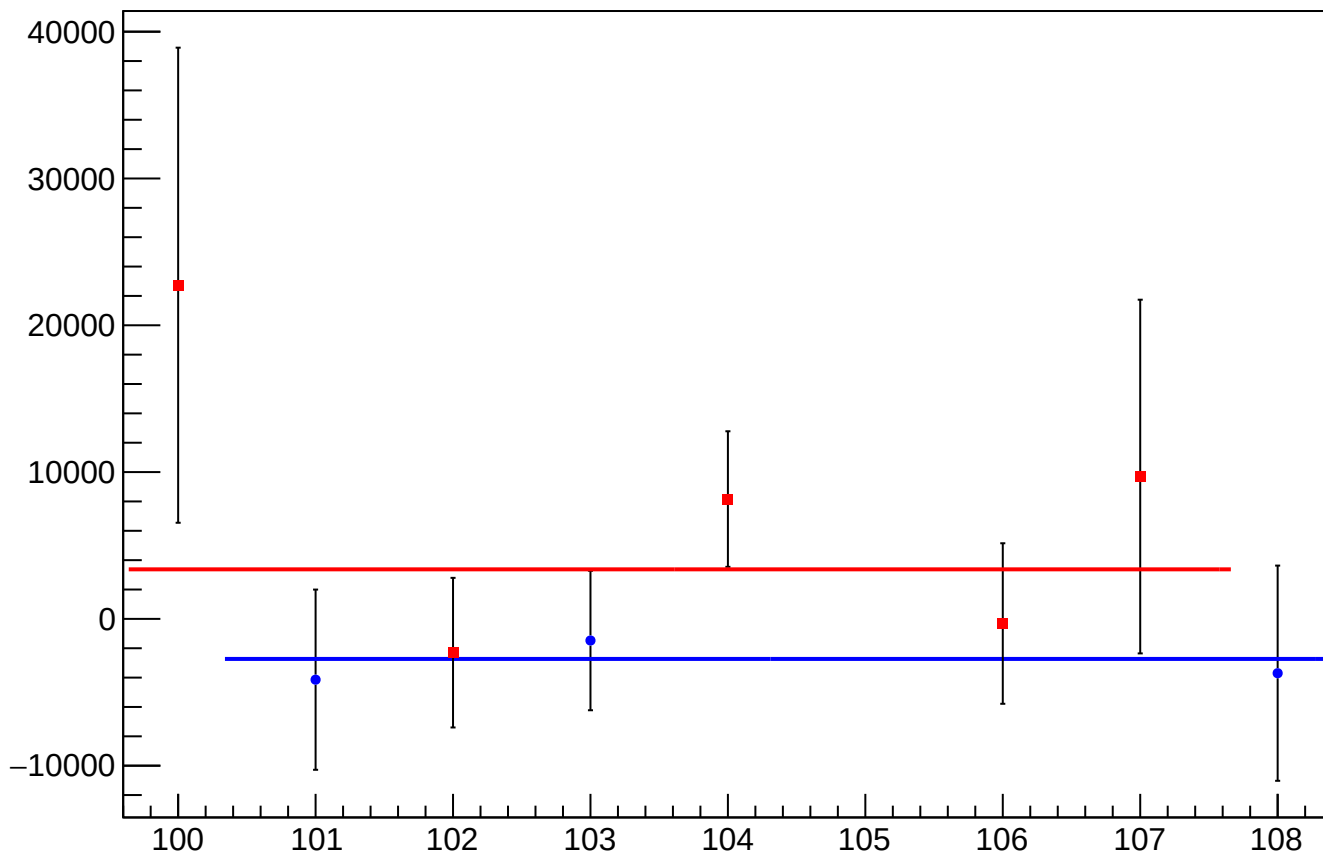
Right: 1363.940+/-0.533 χ^2/NDF : 98649.9/7

In: 1404.325+/-0.784 χ^2/NDF : 40681.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1363.940+/-0.533 χ^2/NDF : 98649.9/7

asym_usl_atl2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -2728.035+/-3343.699 χ^2 /NDF: 0.1/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 3374.631+/-2778.071 χ^2 /NDF: 4.5/4

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

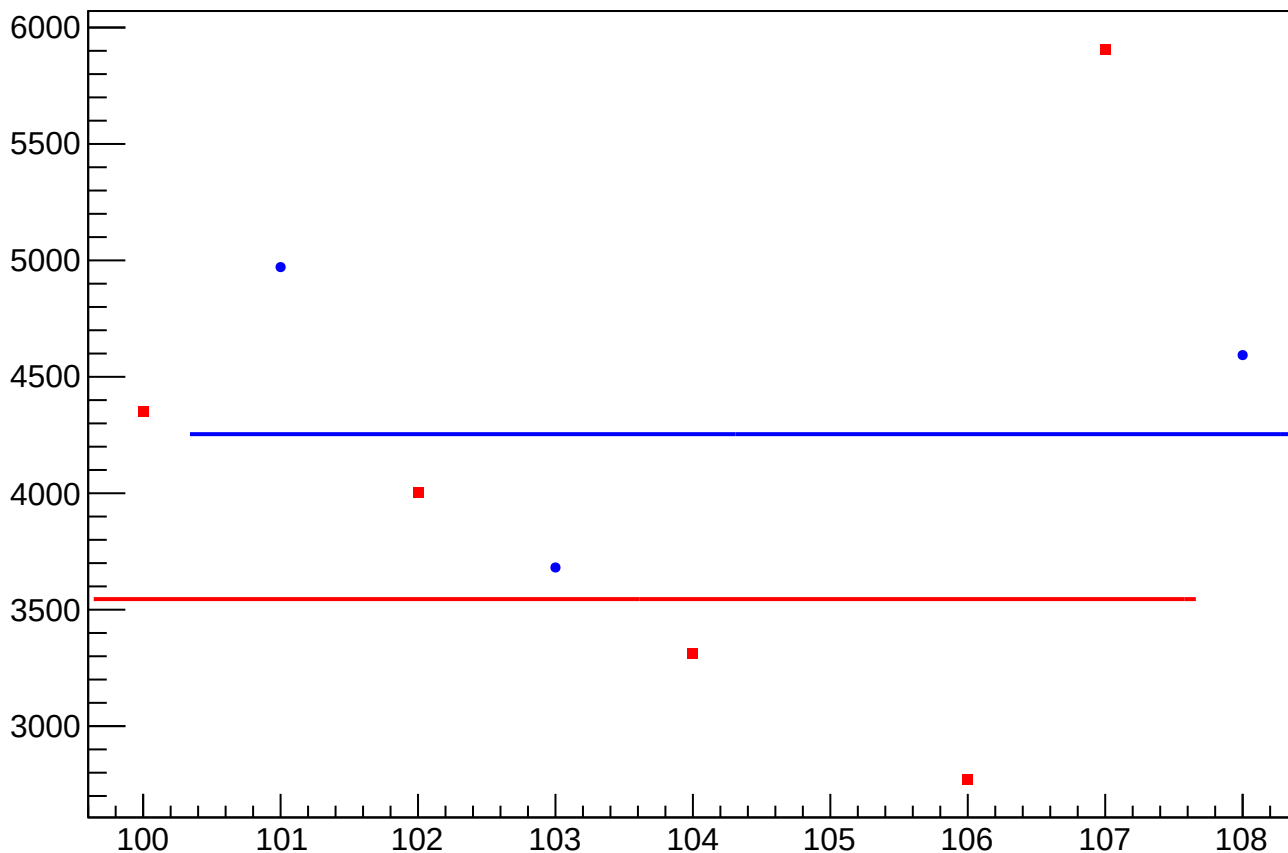
Right: 882.388+/-2136.793 χ^2 /NDF: 6.6/7

In: -2728.035+/-3343.699 χ^2 /NDF: 0.1/2

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 882.388+/-2136.793 χ^2 /NDF: 6.6/7

asym_usl_atl2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4253.808+/-2.364 χ^2/NDF : 60647.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3545.483+/-1.964 χ^2/NDF : 143402.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

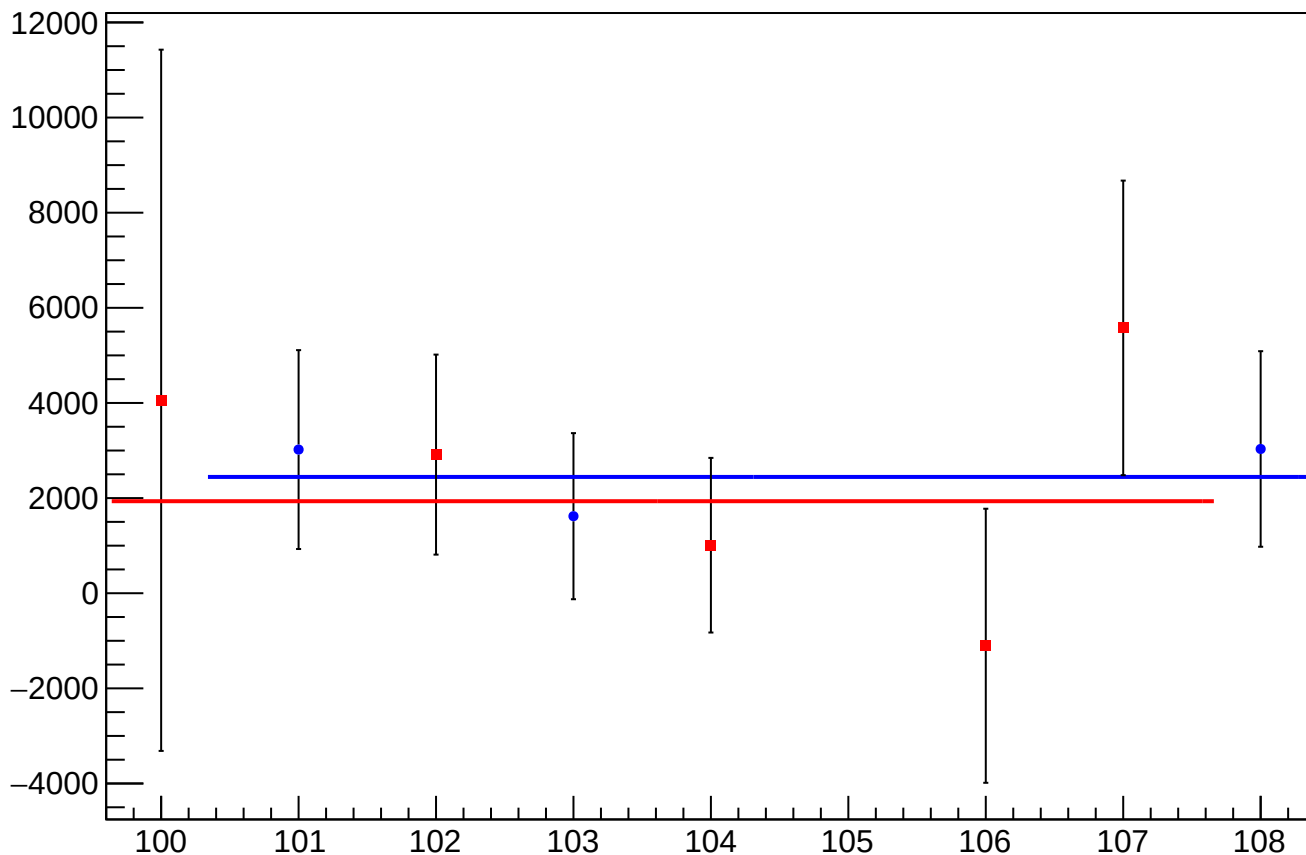
Right: 3834.752+/-1.511 χ^2/NDF : 257147.5/7

In: 4253.808+/-2.364 χ^2/NDF : 60647.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3834.752+/-1.511 χ^2/NDF : 257147.5/7

dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2444.868 $\pm$ 1122.565 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1934.609 $\pm$ 1142.430 χ^2 /NDF: 3.1/4

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

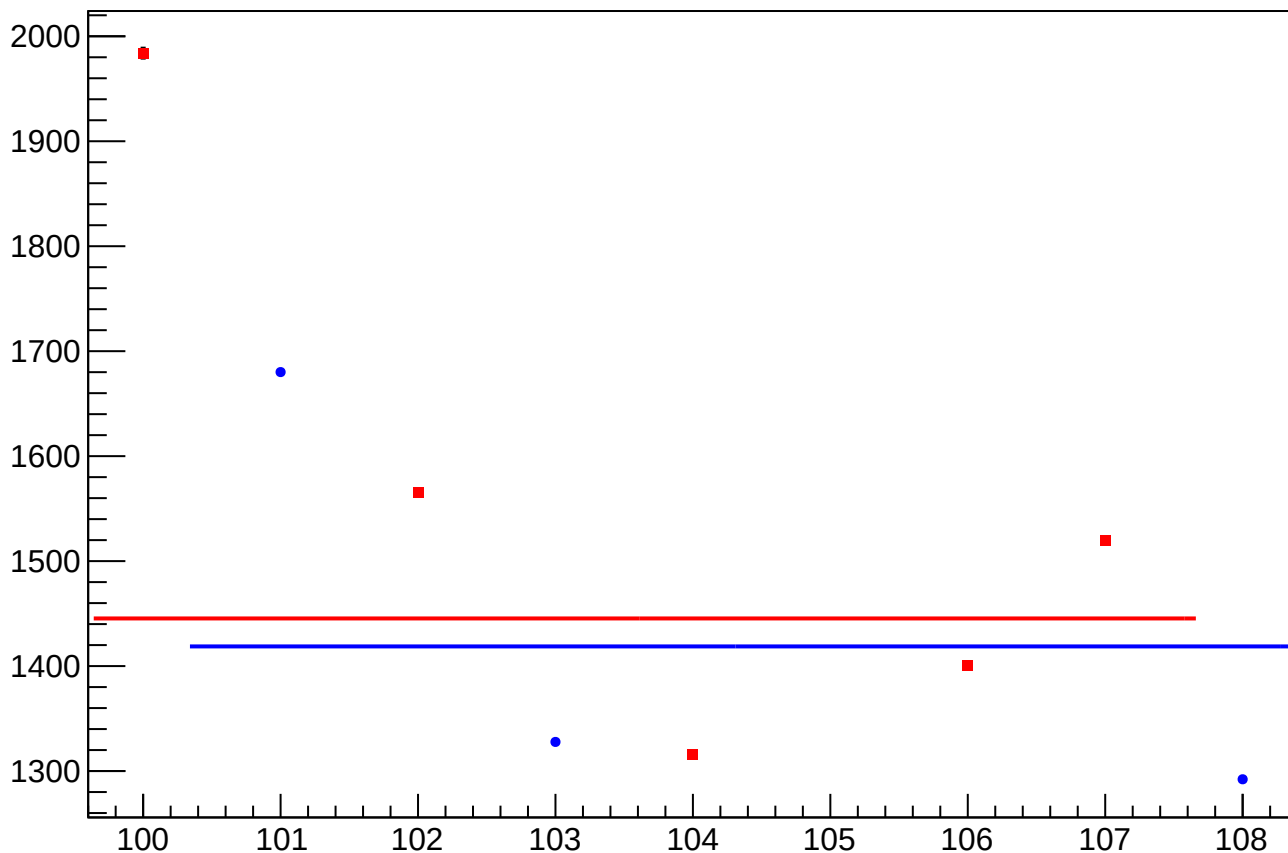
Right: 2194.213 $\pm$ 800.704 χ^2 /NDF: 3.5/7

In: 2444.868 $\pm$ 1122.565 χ^2 /NDF:0.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2194.213 $\pm$ 800.704 χ^2 /NDF: 3.5/7

dit_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1418.735+/-0.794 χ^2/NDF : 44274.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1445.379+/-0.798 χ^2/NDF : 28900.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

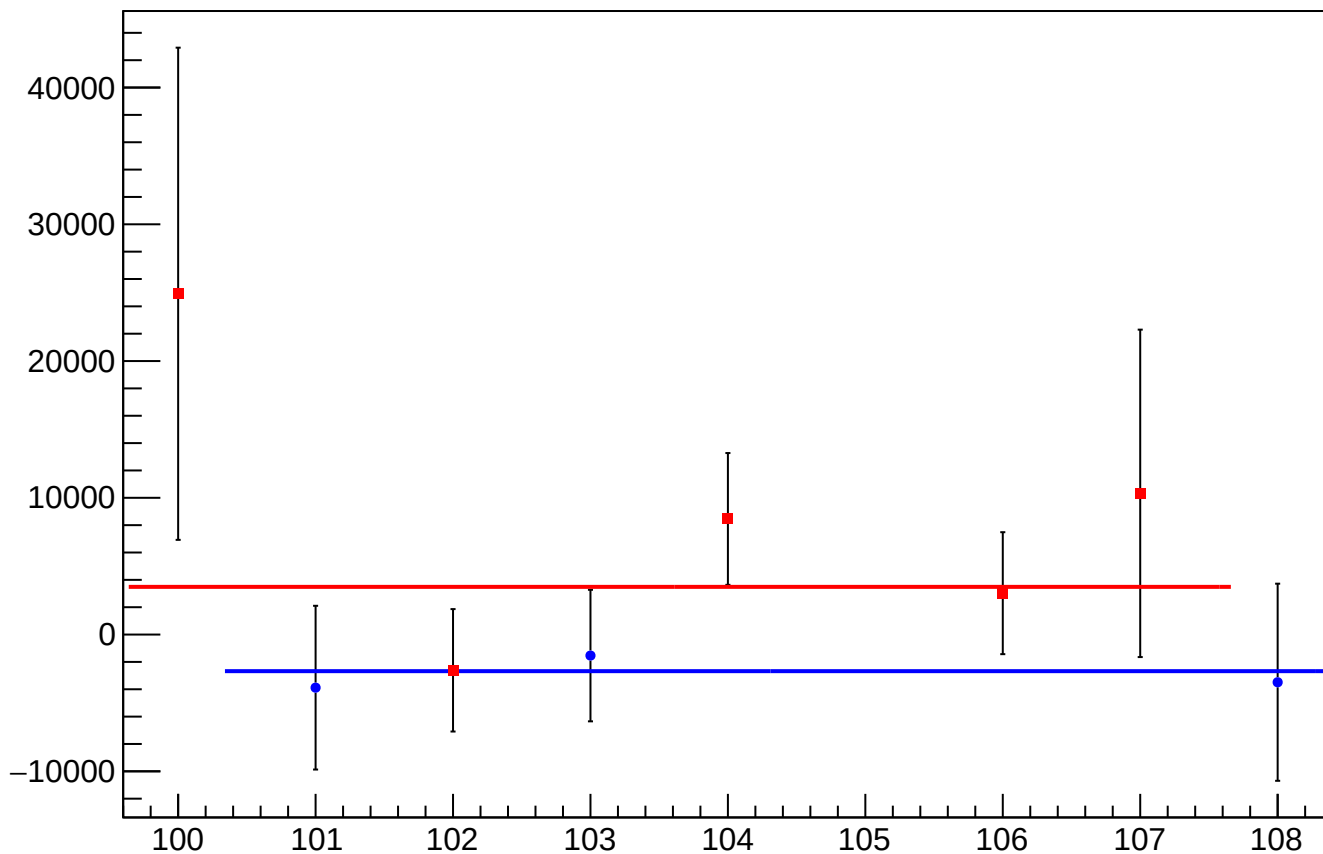
Right: 1431.988+/-0.563 χ^2/NDF : 73735.1/7

In: 1418.735+/-0.794 χ^2/NDF : 44274.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1431.988+/-0.563 χ^2/NDF : 73735.1/7

asym_usl_atl2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -2676.045+/-3326.414 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3487.870+/-2553.867 χ^2/NDF : 4.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

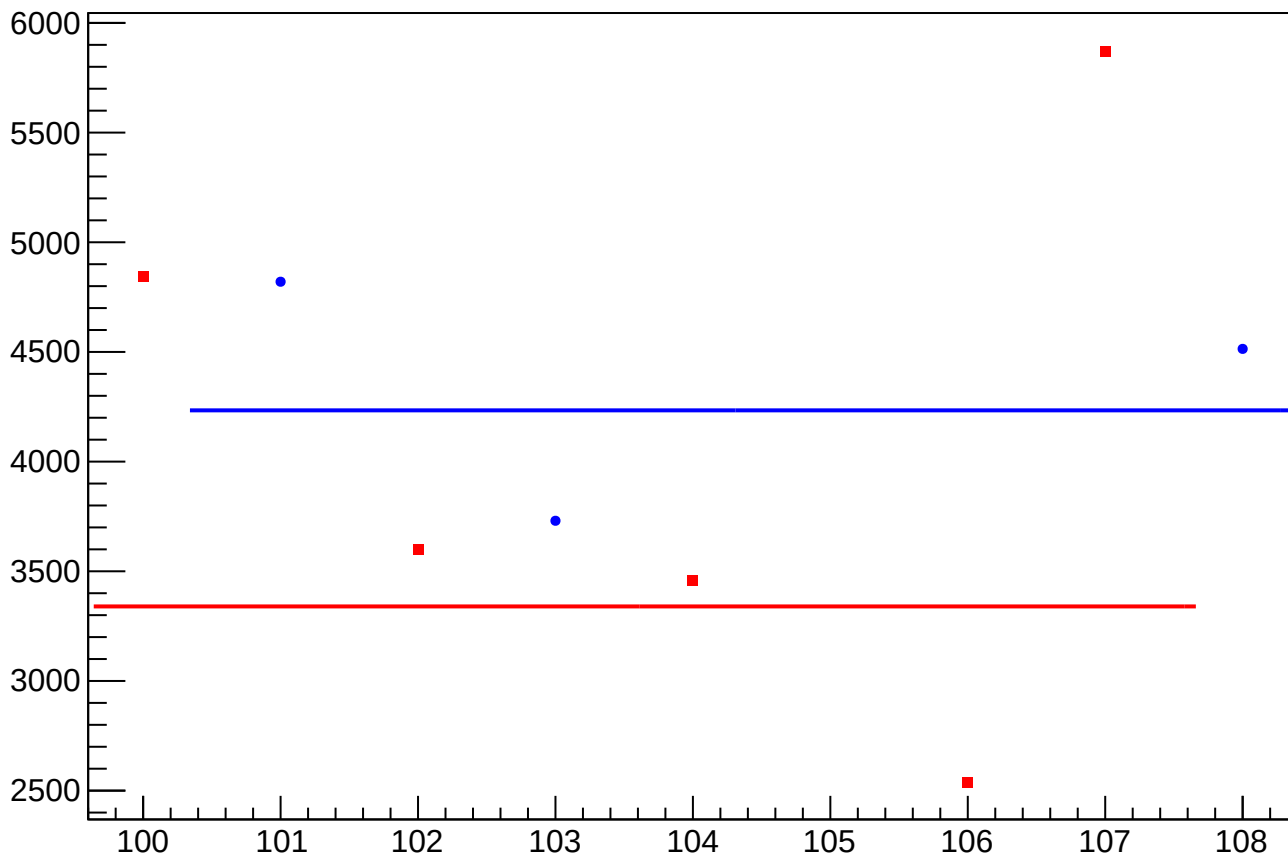
Right: 1201.982+/-2025.702 χ^2/NDF : 6.9/7

In: -2676.045+/-3326.414 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1201.982+/-2025.702 χ^2/NDF : 6.9/7

asym_usl_atl2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4233.712+/-2.352 χ^2/NDF : 44116.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3339.796+/-1.806 χ^2/NDF : 175633.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

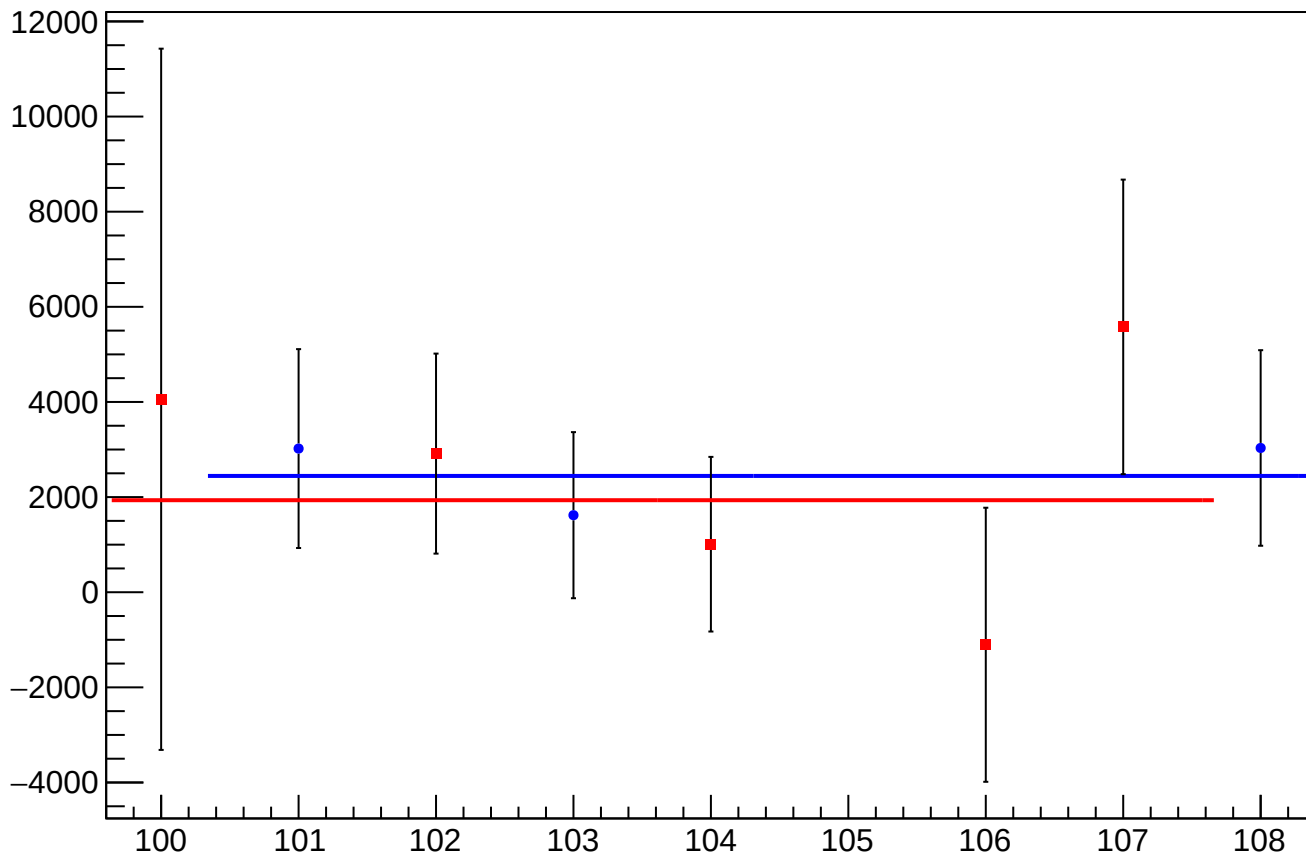
Right: 3671.304+/-1.432 χ^2/NDF : 310621.2/7

In: 4233.712+/-2.352 χ^2/NDF : 44116.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3671.304+/-1.432 χ^2/NDF : 310621.2/7

eigen_dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2444.874 $\pm$ 1122.566 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1934.606 $\pm$ 1142.430 χ^2 /NDF: 3.1/4

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

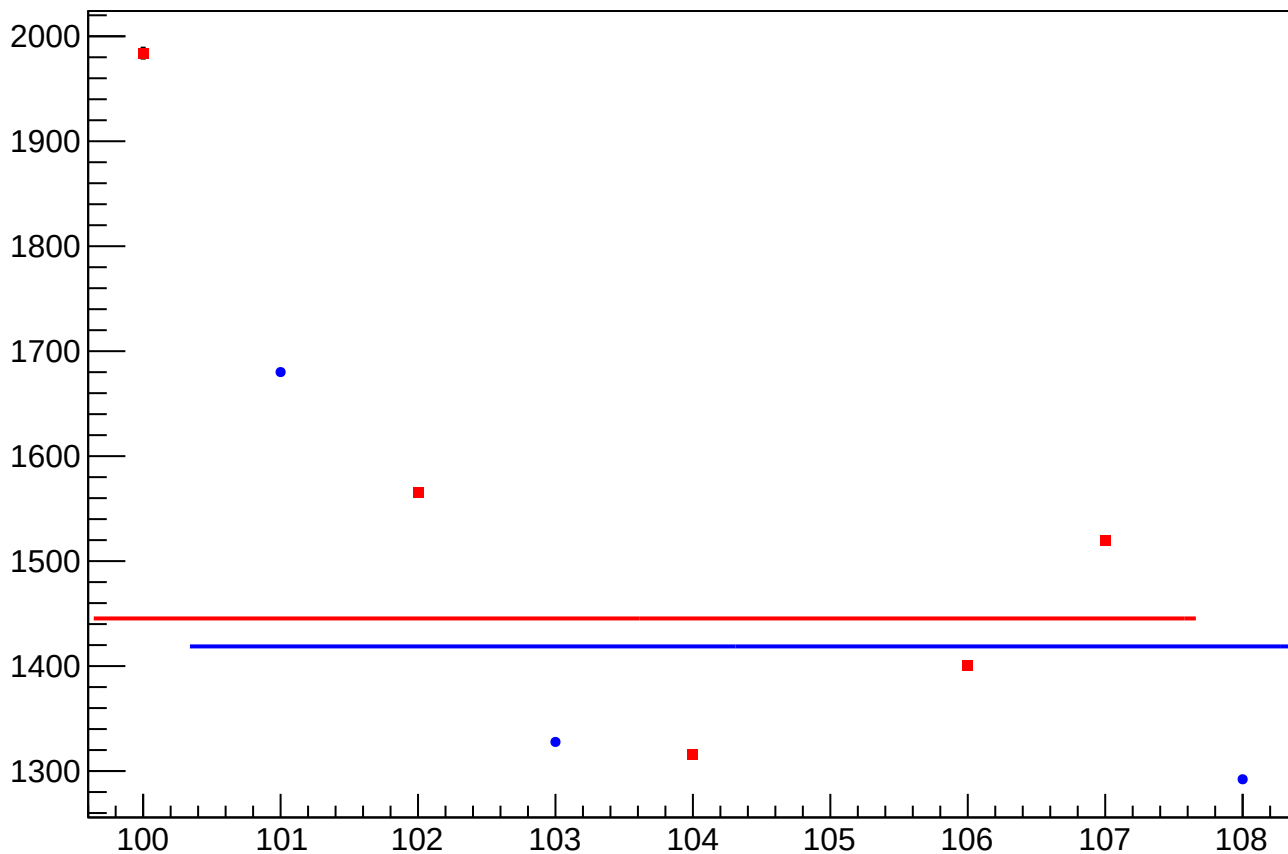
Right: 2194.215 $\pm$ 800.704 χ^2 /NDF: 3.5/7

In: 2444.874 $\pm$ 1122.566 χ^2 /NDF:0.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2194.215 $\pm$ 800.704 χ^2 /NDF: 3.5/7

eigen_dit_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1418.735+/-0.794 χ^2/NDF : 44274.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1445.378+/-0.798 χ^2/NDF : 28900.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

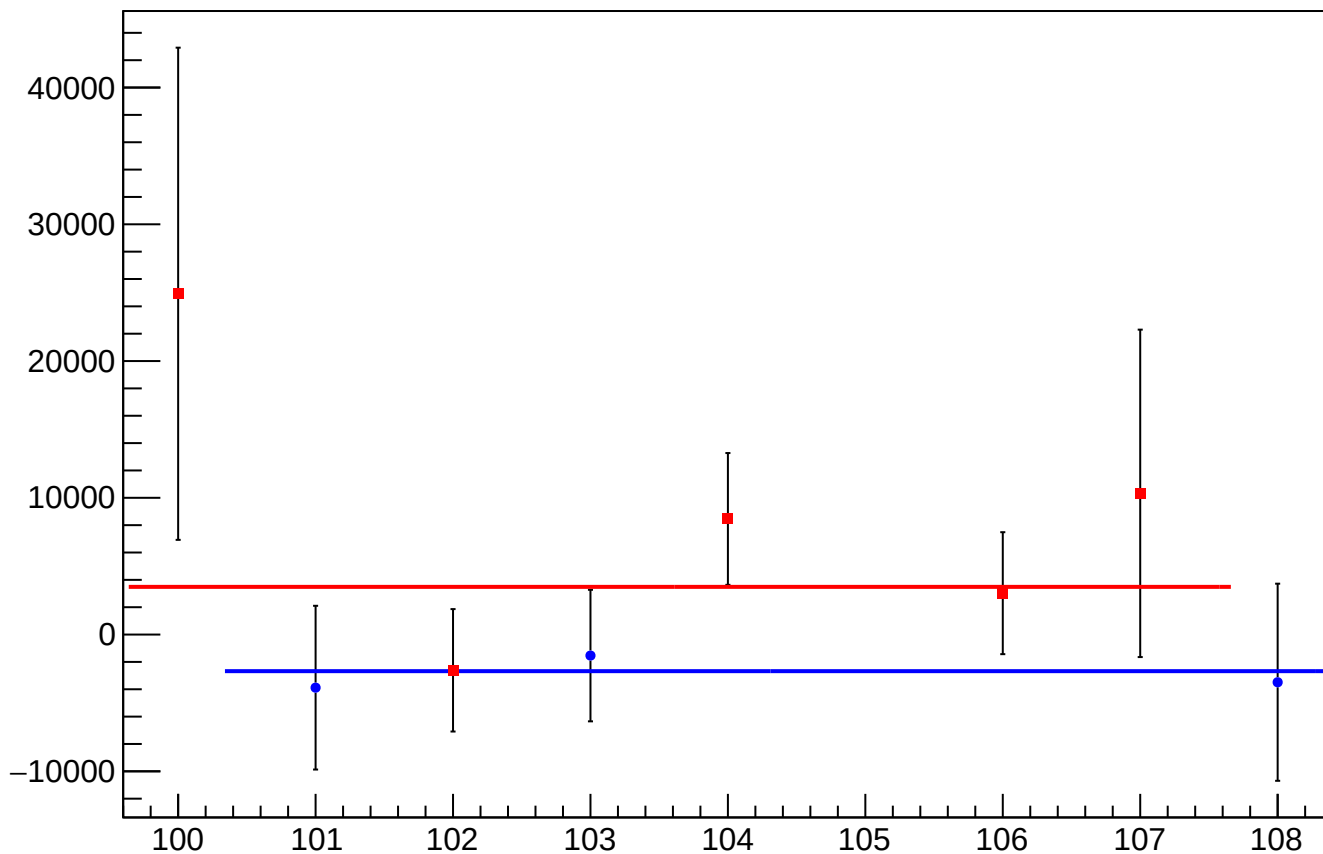
Right: 1431.988+/-0.563 χ^2/NDF : 73734.9/7

In: 1418.735+/-0.794 χ^2/NDF : 44274.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1431.988+/-0.563 χ^2/NDF : 73734.9/7

asym_usl_atl2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -2676.042+/-3326.410 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3487.869+/-2553.864 χ^2/NDF : 4.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

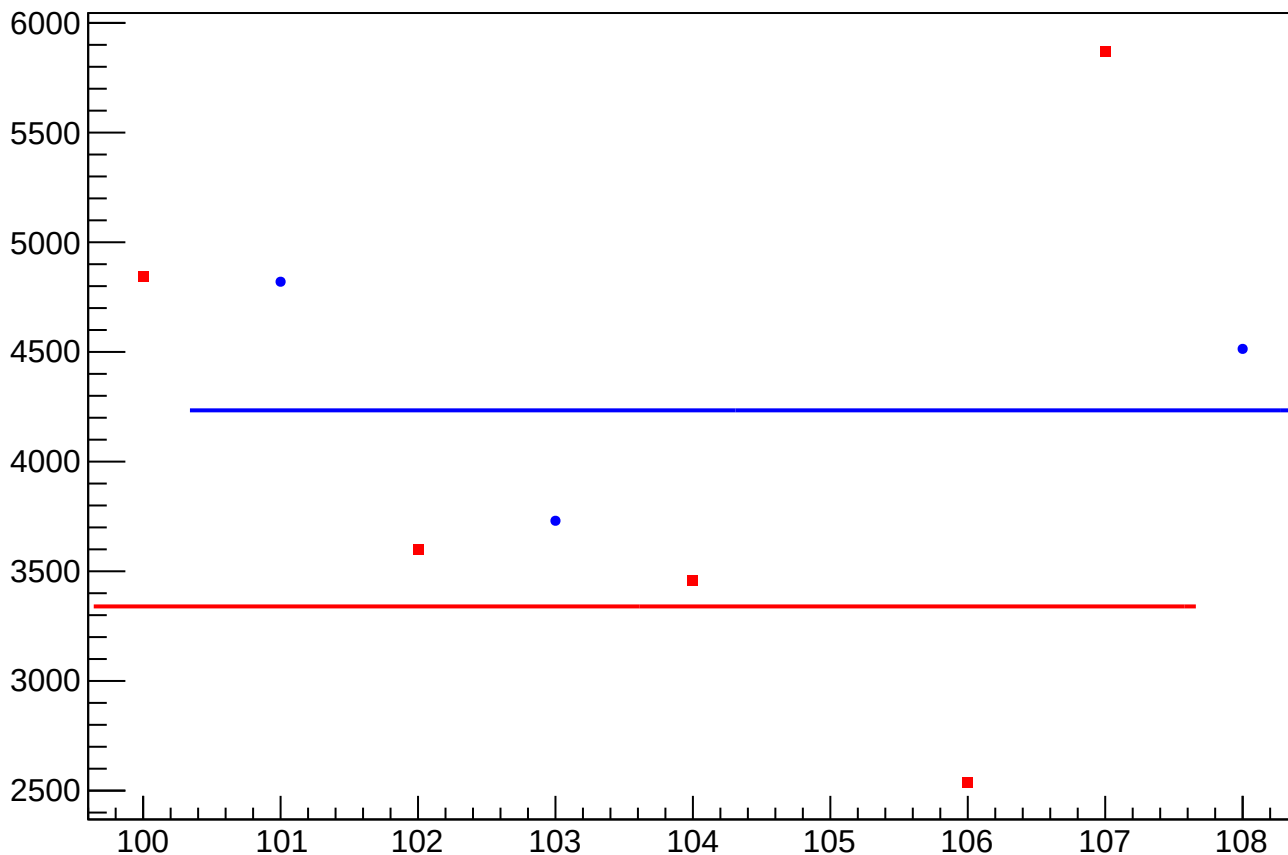
Right: 1201.982+/-2025.699 χ^2/NDF : 6.9/7

In: -2676.042+/-3326.410 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1201.982+/-2025.699 χ^2/NDF : 6.9/7

asym_usl_atl2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4233.706+/-2.352 χ^2/NDF : 44116.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3339.791+/-1.806 χ^2/NDF : 175633.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

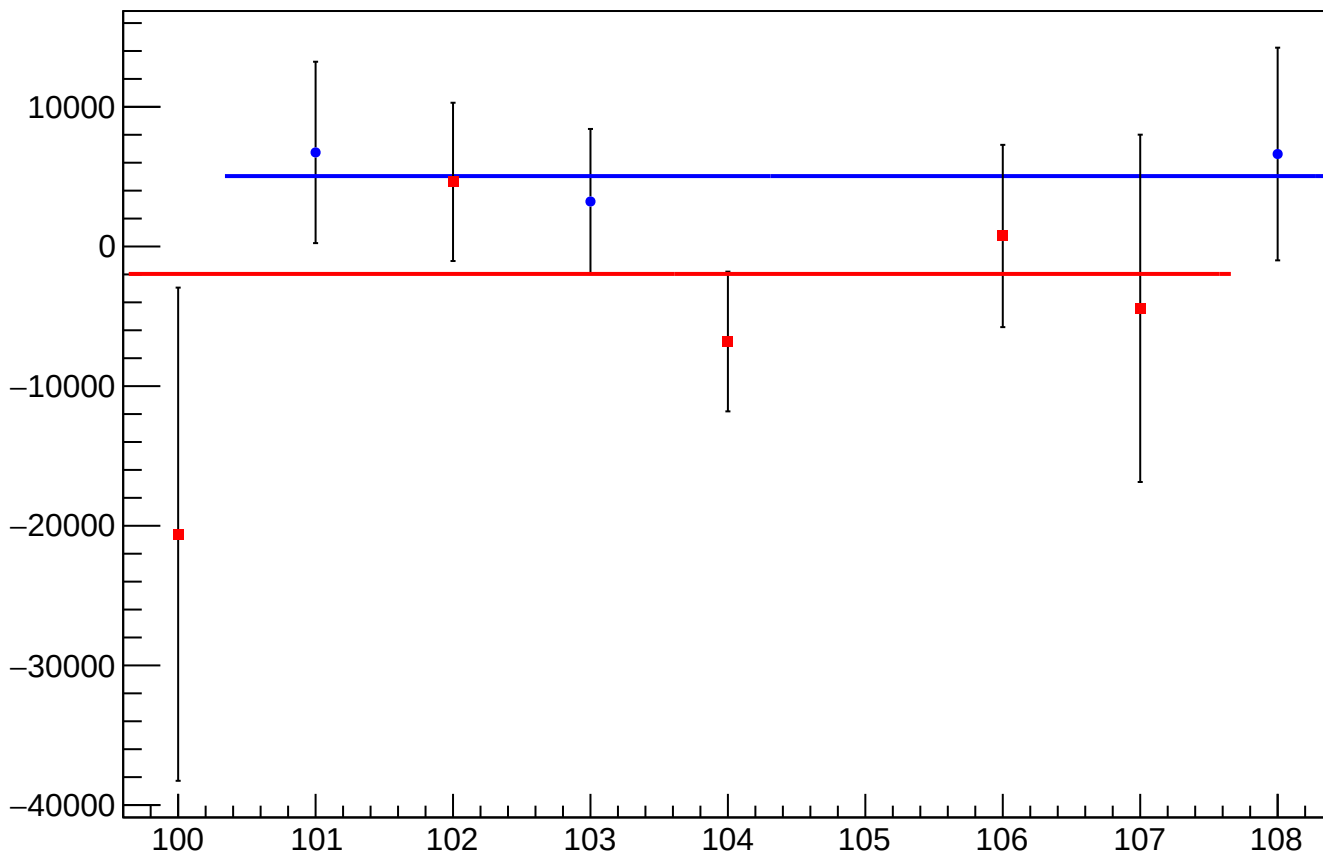
Right: 3671.300+/-1.432 χ^2/NDF : 310621.1/7

In: 4233.706+/-2.352 χ^2/NDF : 44116.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3671.300+/-1.432 χ^2/NDF : 310621.1/7

asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 5041.823+/-3580.668 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1964.732+/-3097.322 χ^2/NDF : 3.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

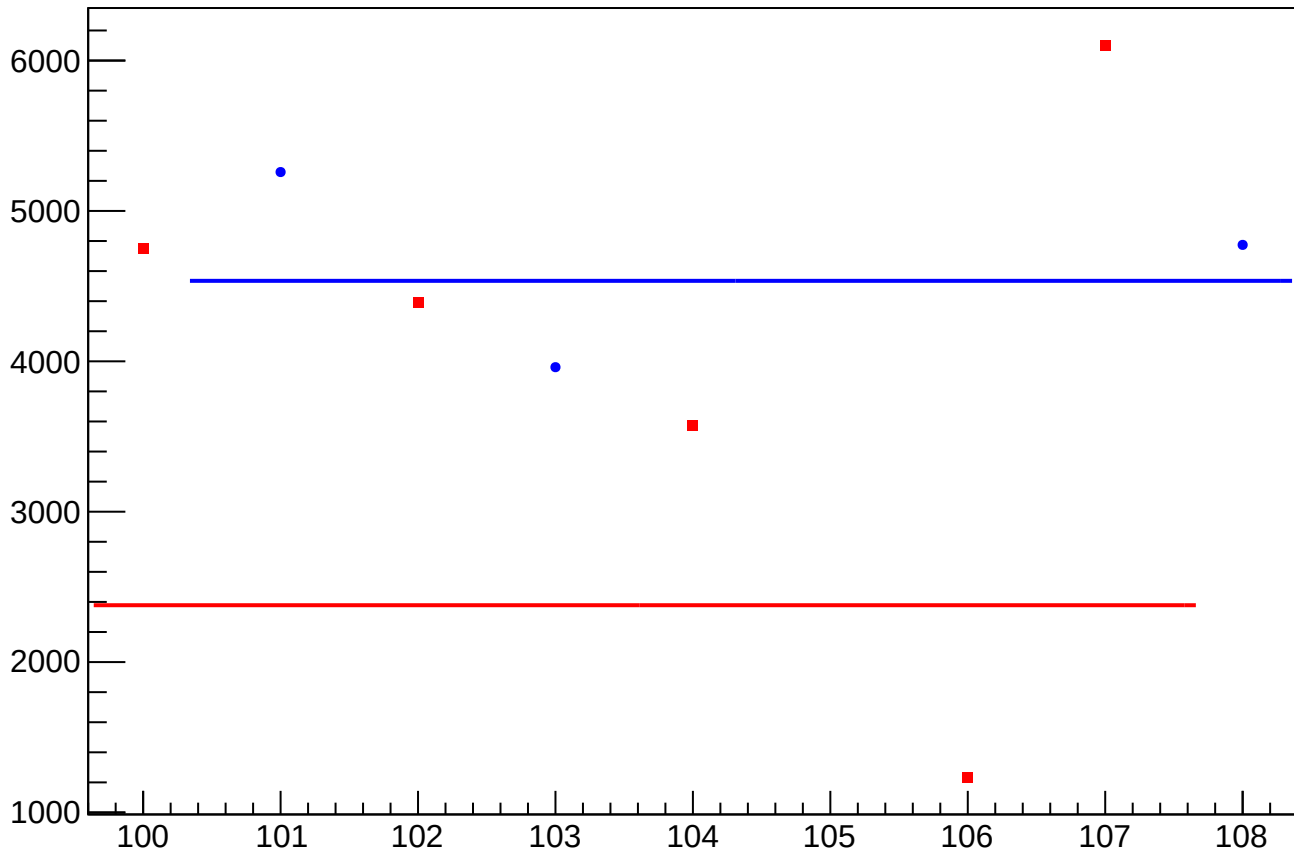
Right: 1034.061+/-2342.529 χ^2/NDF : 6.0/7

In: 5041.823+/-3580.668 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1034.061+/-2342.529 χ^2/NDF : 6.0/7

asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 4535.204+/-2.532 χ^2/NDF : 51208.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2378.147+/-1.563 χ^2/NDF : 905892.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

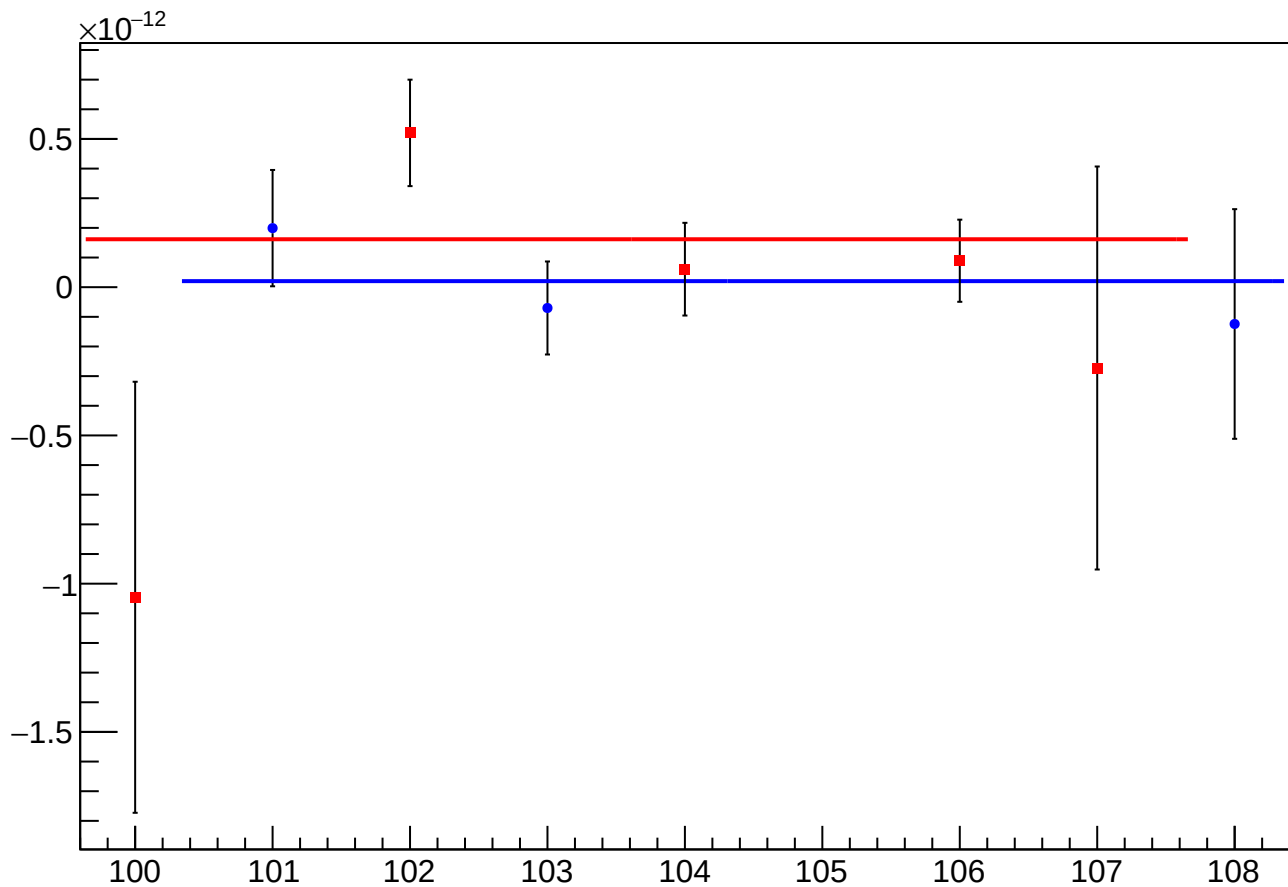
Right: 2973.318+/-1.330 χ^2/NDF : 1482664.2/7

In: 4535.204+/-2.532 χ^2/NDF : 51208.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2973.318+/-1.330 χ^2/NDF : 1482664.2/7

asym_usl_atl2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.9/4

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

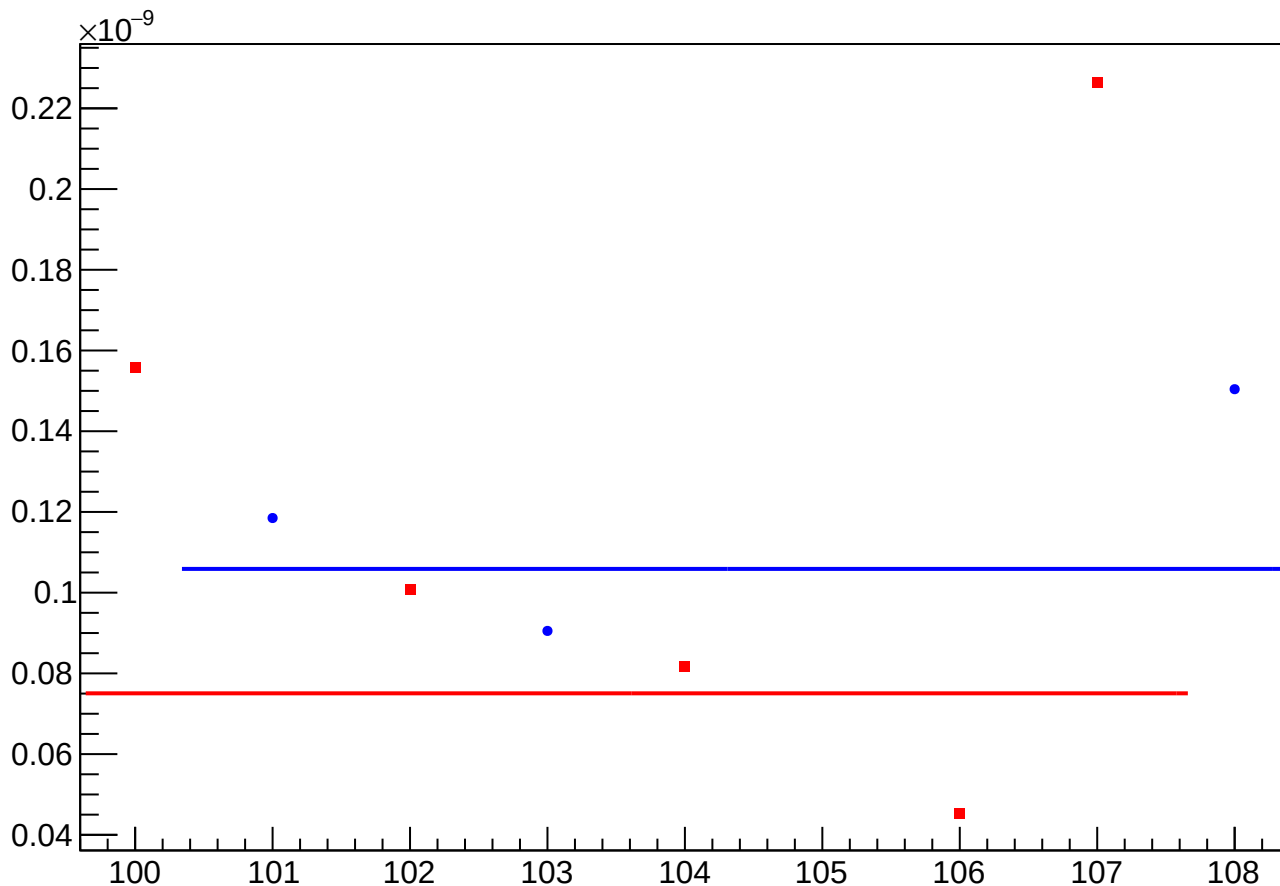
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.1/7

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.1/7

asym_usl_atl2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 53872.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 260894.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

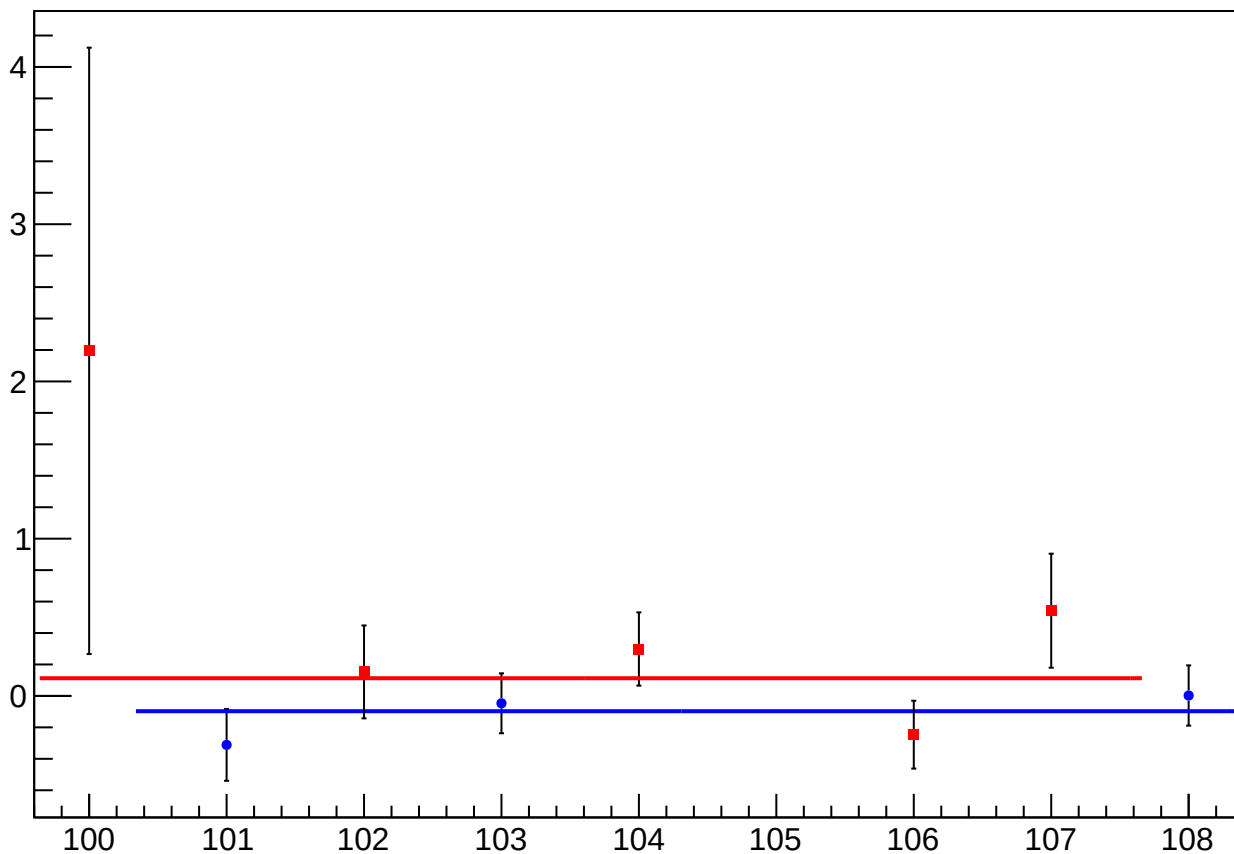
Right: 0.000+/-0.000 χ^2/NDF : 403376.3/7

In: 0.000+/-0.000 χ^2/NDF : 53872.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 403376.3/7

asym_usl_atl2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.097 $\pm$ 0.116 χ^2 /NDF: 1.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.113 $\pm$ 0.130 χ^2 /NDF: 6.0/4

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

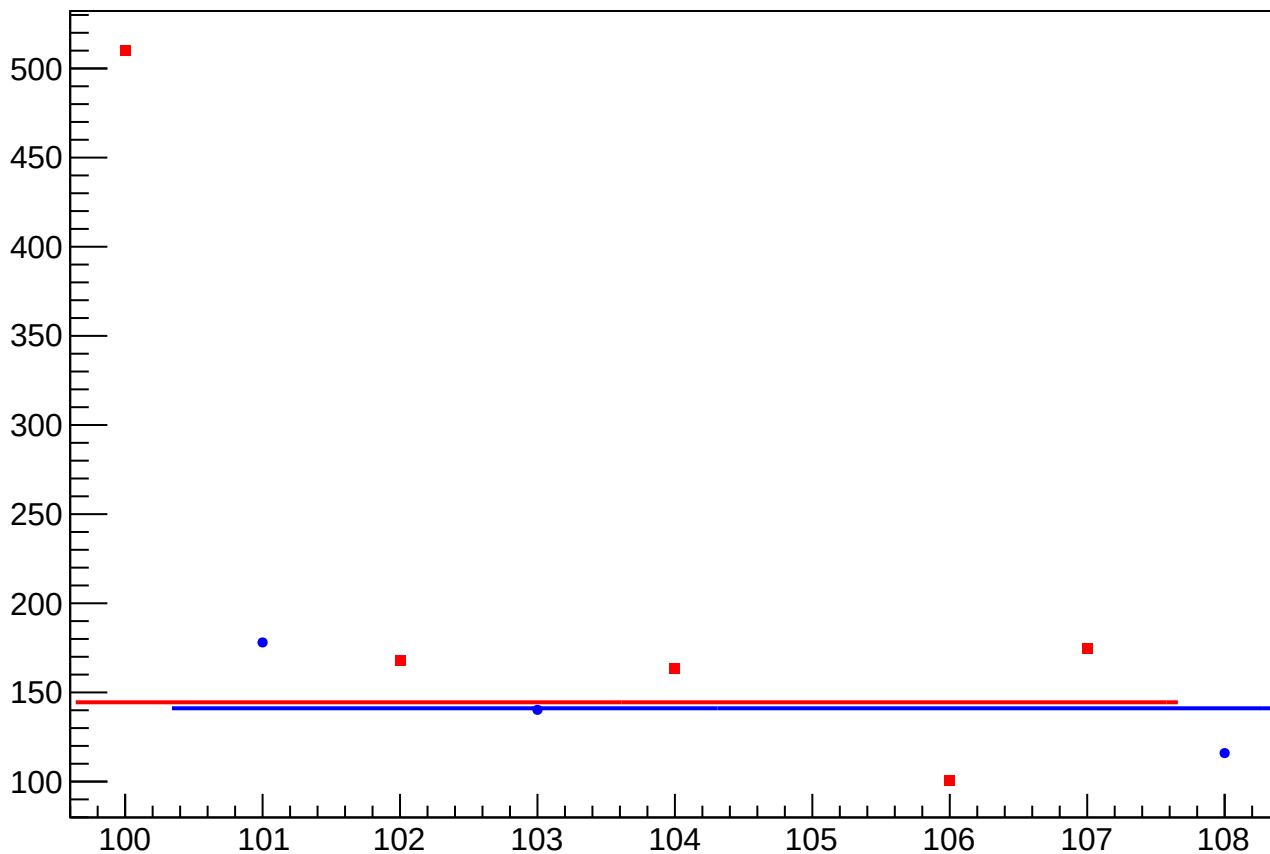
Right: -0.004 $\pm$ 0.087 χ^2 /NDF: 8.7/7

In: -0.097 $\pm$ 0.116 χ^2 /NDF:1.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.087 χ^2 /NDF: 8.7/7

asym_usl_atl2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 141.105+/-0.082 χ^2/NDF : 86782.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.465+/-0.092 χ^2/NDF : 194036.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

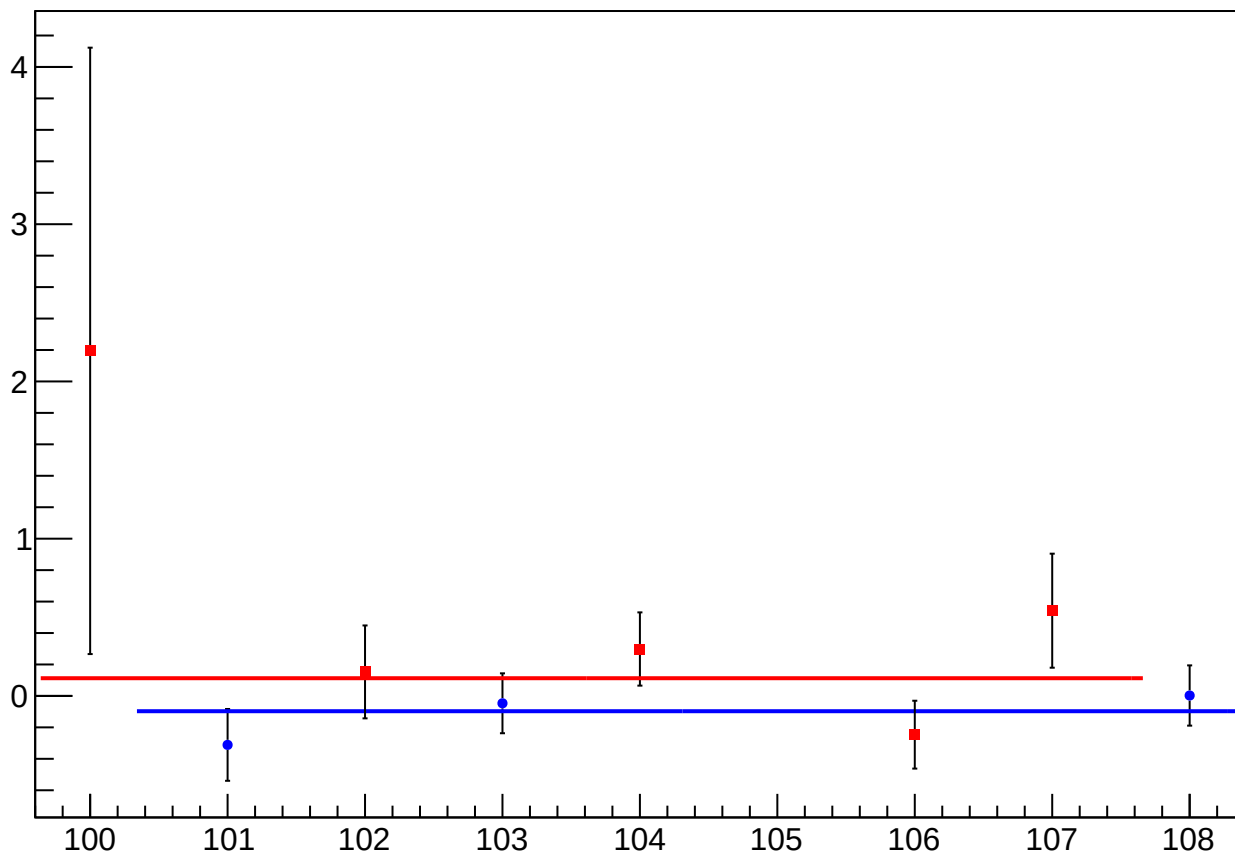
Right: 142.599+/-0.061 χ^2/NDF : 281562.7/7

In: 141.105+/-0.082 χ^2/NDF : 86782.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.599+/-0.061 χ^2/NDF : 281562.7/7

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.097 $\pm$ 0.116 χ^2 /NDF: 1.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.113 $\pm$ 0.130 χ^2 /NDF: 6.0/4

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

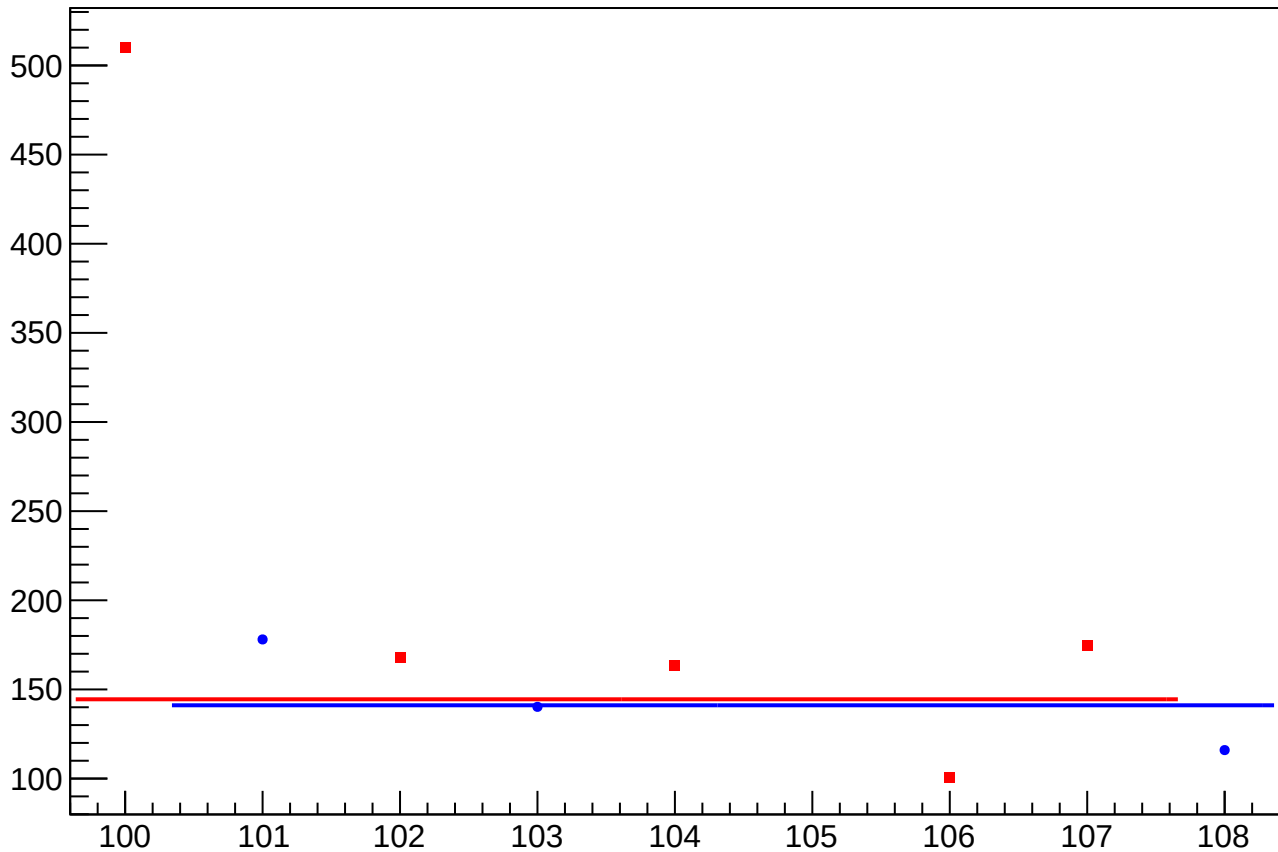
Right: -0.004 $\pm$ 0.087 χ^2 /NDF: 8.7/7

In: -0.097 $\pm$ 0.116 χ^2 /NDF:1.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.087 χ^2 /NDF: 8.7/7

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 141.105+/-0.082 χ^2/NDF : 86782.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.465+/-0.092 χ^2/NDF : 194036.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

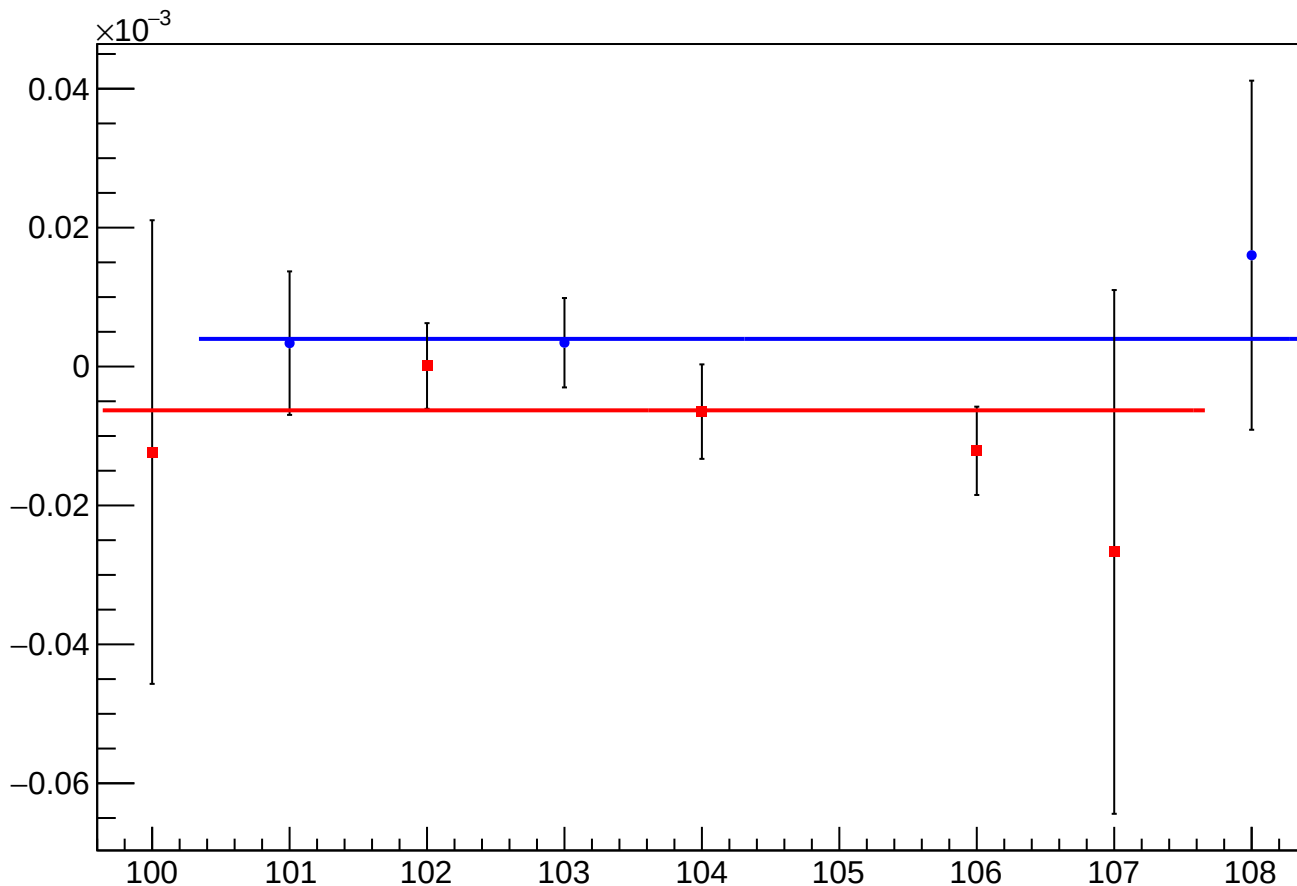
Right: 142.599+/-0.061 χ^2/NDF : 281562.7/7

In: 141.105+/-0.082 χ^2/NDF : 86782.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.599+/-0.061 χ^2/NDF : 281562.7/7

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

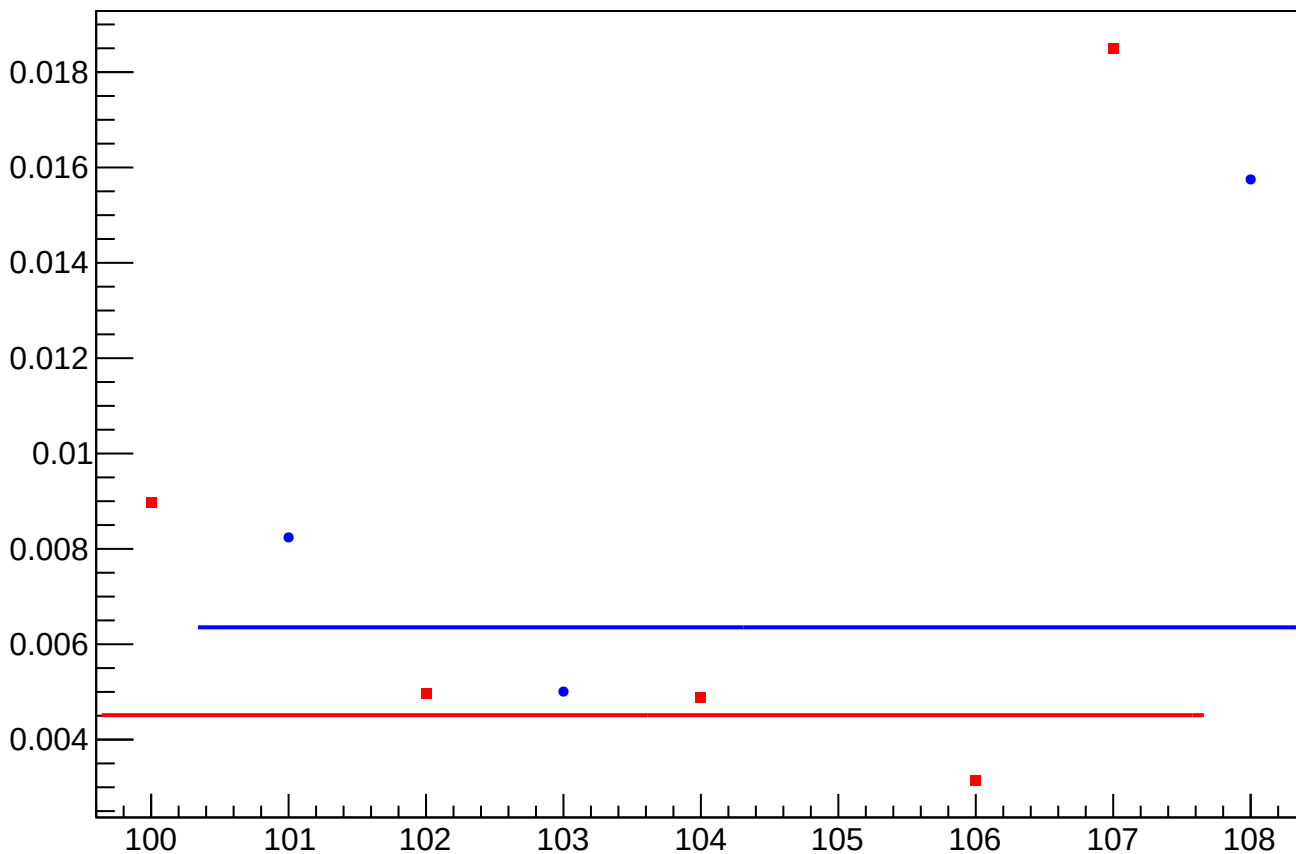
Right: -0.000+/-0.000 χ^2/NDF : 5.0/7

In: 0.000+/-0.000 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 5.0/7

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 433943.3/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 420772.1/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

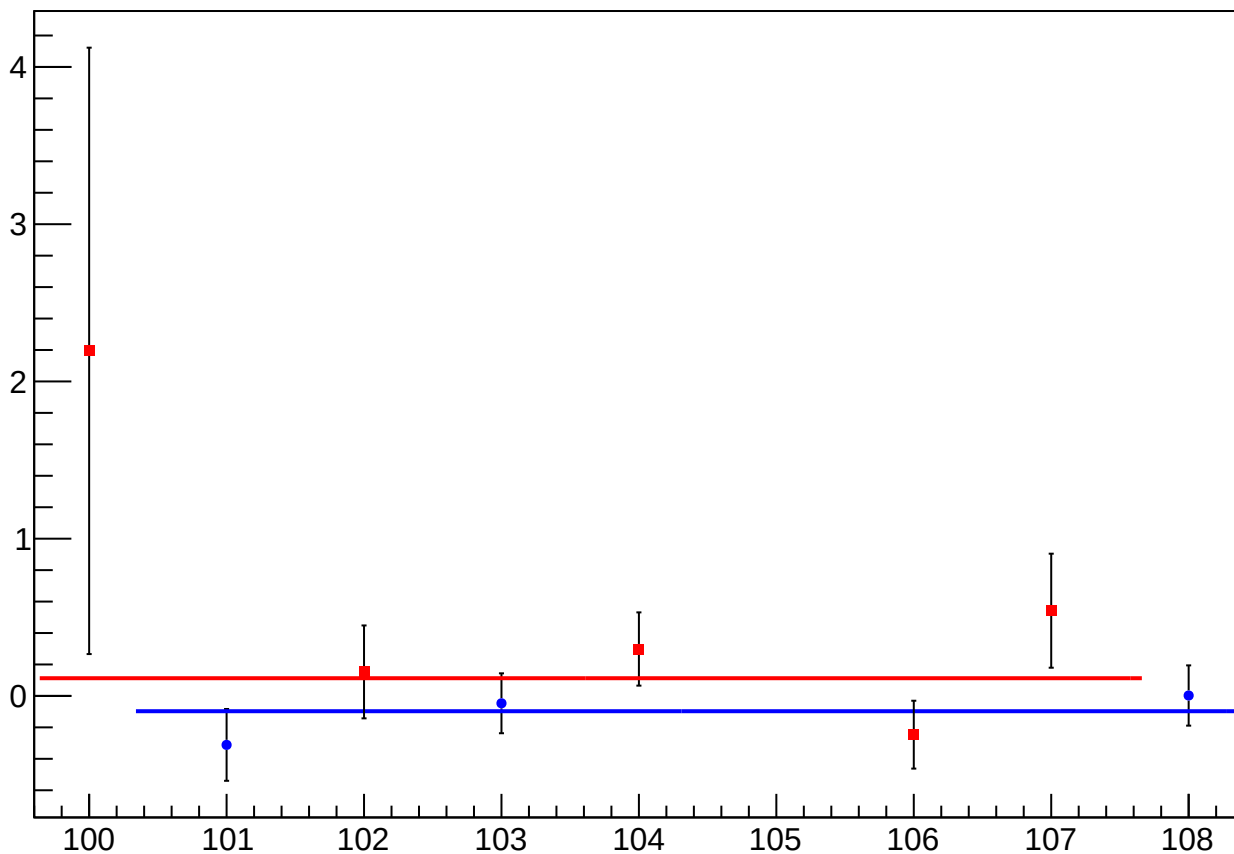
Right: 0.005+/-0.000 χ^2/NDF : 1016472.0/7

In: 0.006+/-0.000 χ^2/NDF :433943.3/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1016472.0/7

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.097 $\pm$ 0.116 χ^2 /NDF: 1.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.113 $\pm$ 0.130 χ^2 /NDF: 6.0/4

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

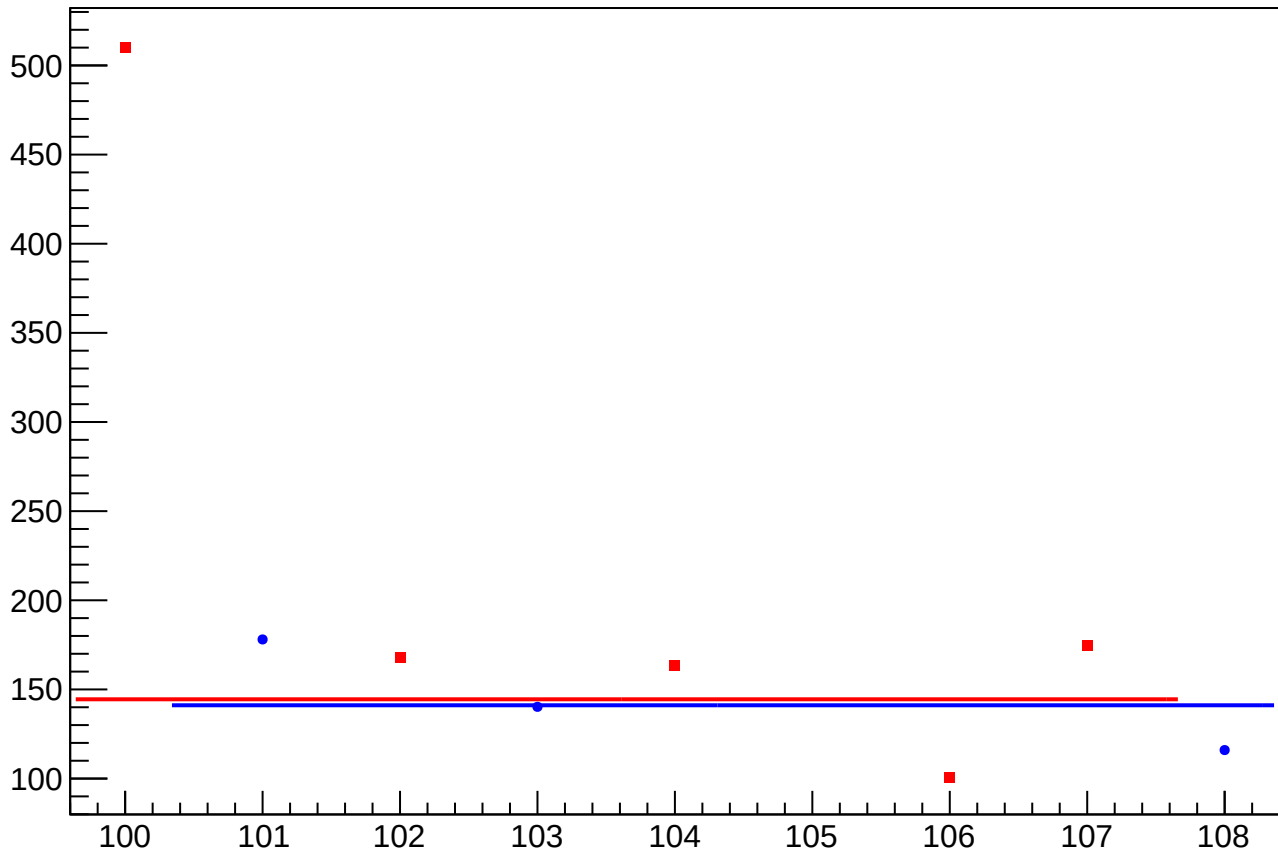
Right: -0.004 $\pm$ 0.087 χ^2 /NDF: 8.7/7

In: -0.097 $\pm$ 0.116 χ^2 /NDF:1.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.087 χ^2 /NDF: 8.7/7

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 141.110+/-0.082 χ^2/NDF : 86742.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.466+/-0.092 χ^2/NDF : 194040.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

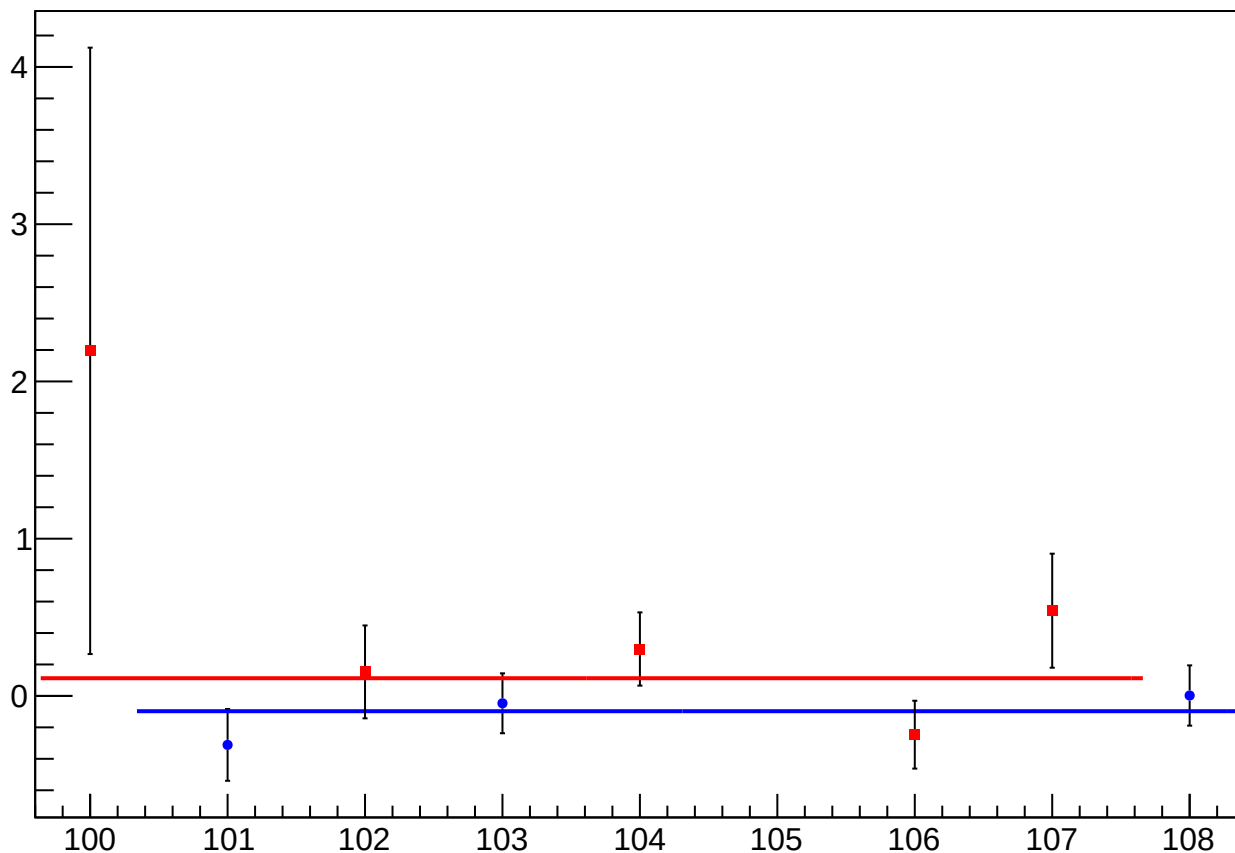
Right: 142.602+/-0.061 χ^2/NDF : 281524.1/7

In: 141.110+/-0.082 χ^2/NDF : 86742.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.602+/-0.061 χ^2/NDF : 281524.1/7

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.097 $\pm$ 0.116 χ^2 /NDF: 1.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.113 $\pm$ 0.130 χ^2 /NDF: 6.0/4

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

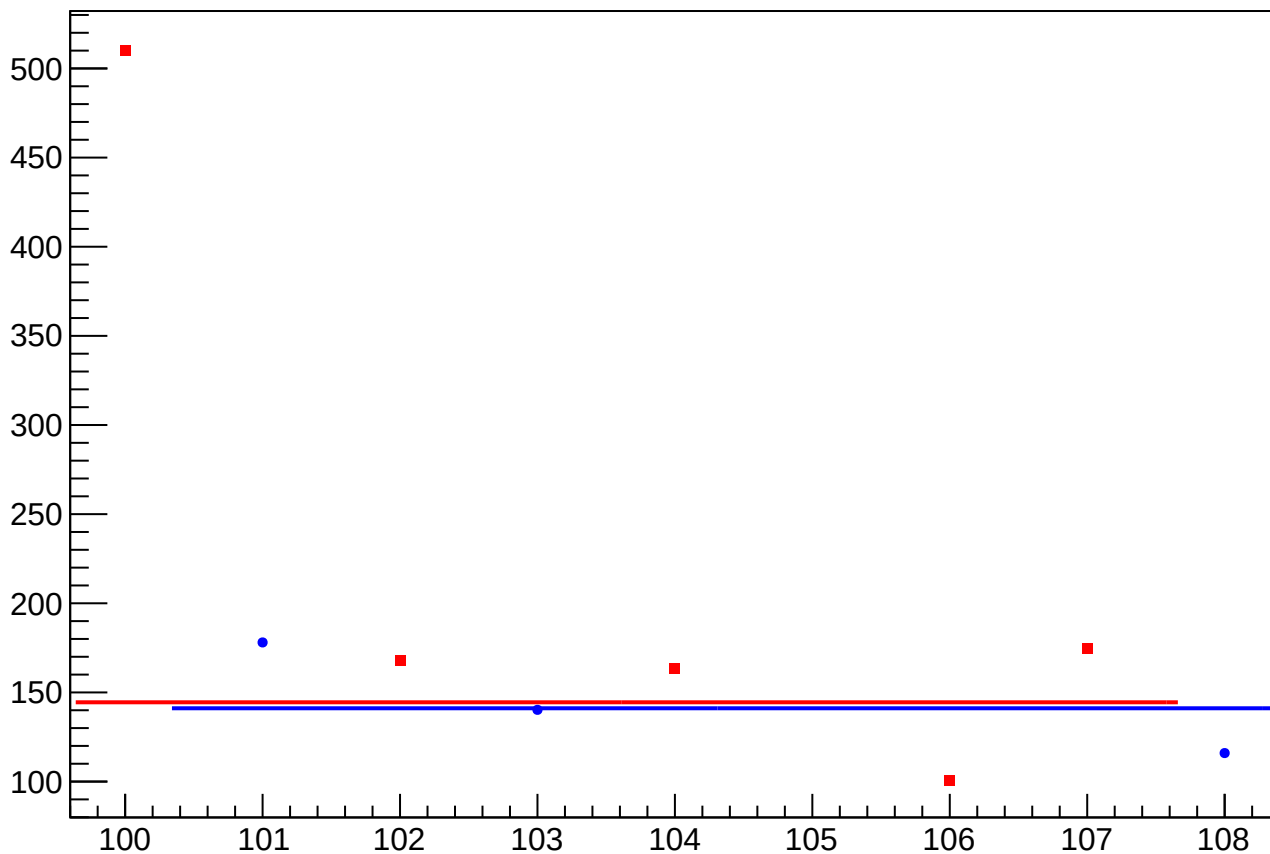
Right: -0.004 $\pm$ 0.087 χ^2 /NDF: 8.7/7

In: -0.097 $\pm$ 0.116 χ^2 /NDF:1.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.087 χ^2 /NDF: 8.7/7

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 141.110+/-0.082 χ^2/NDF : 86742.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.466+/-0.092 χ^2/NDF : 194040.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

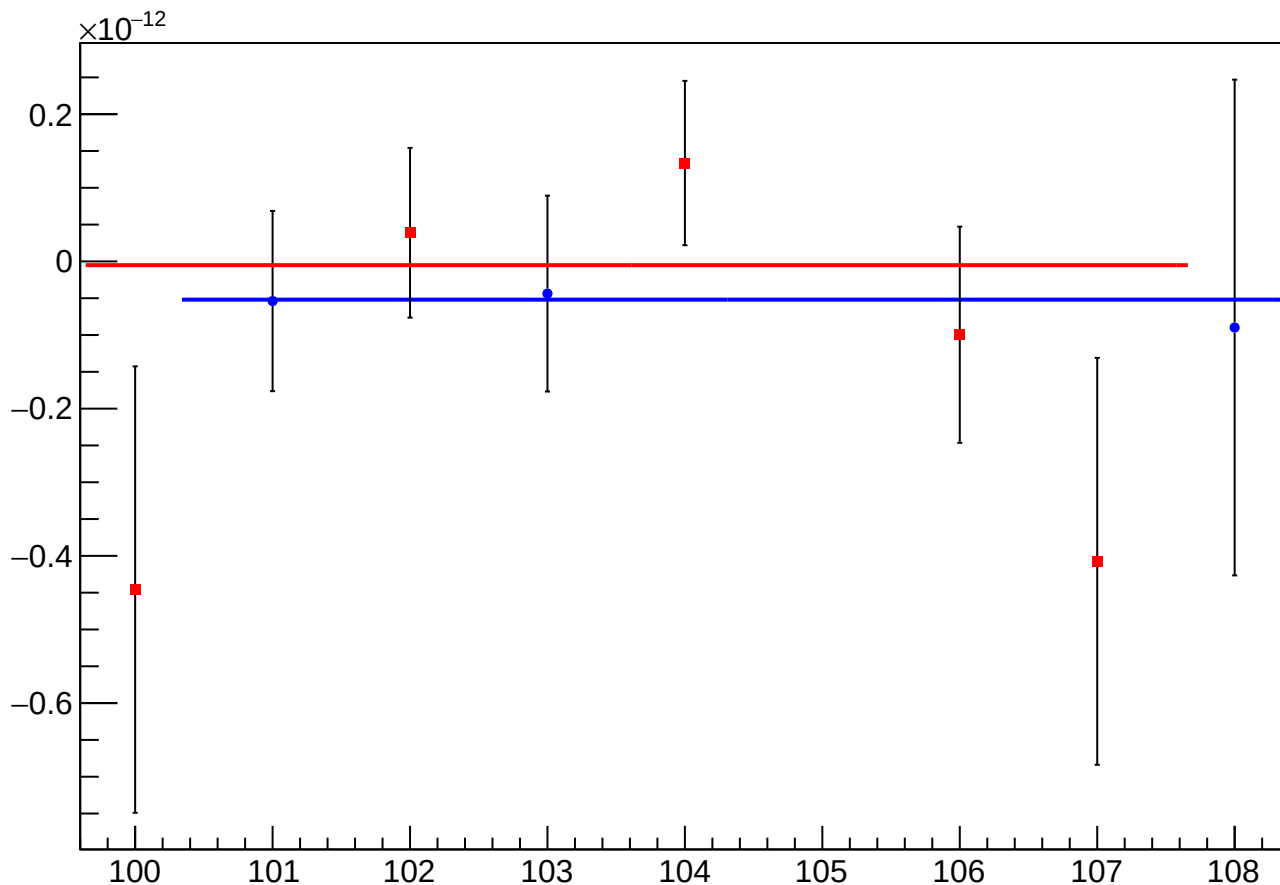
Right: 142.602+/-0.061 χ^2/NDF : 281524.1/7

In: 141.110+/-0.082 χ^2/NDF : 86742.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.602+/-0.061 χ^2/NDF : 281524.1/7

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

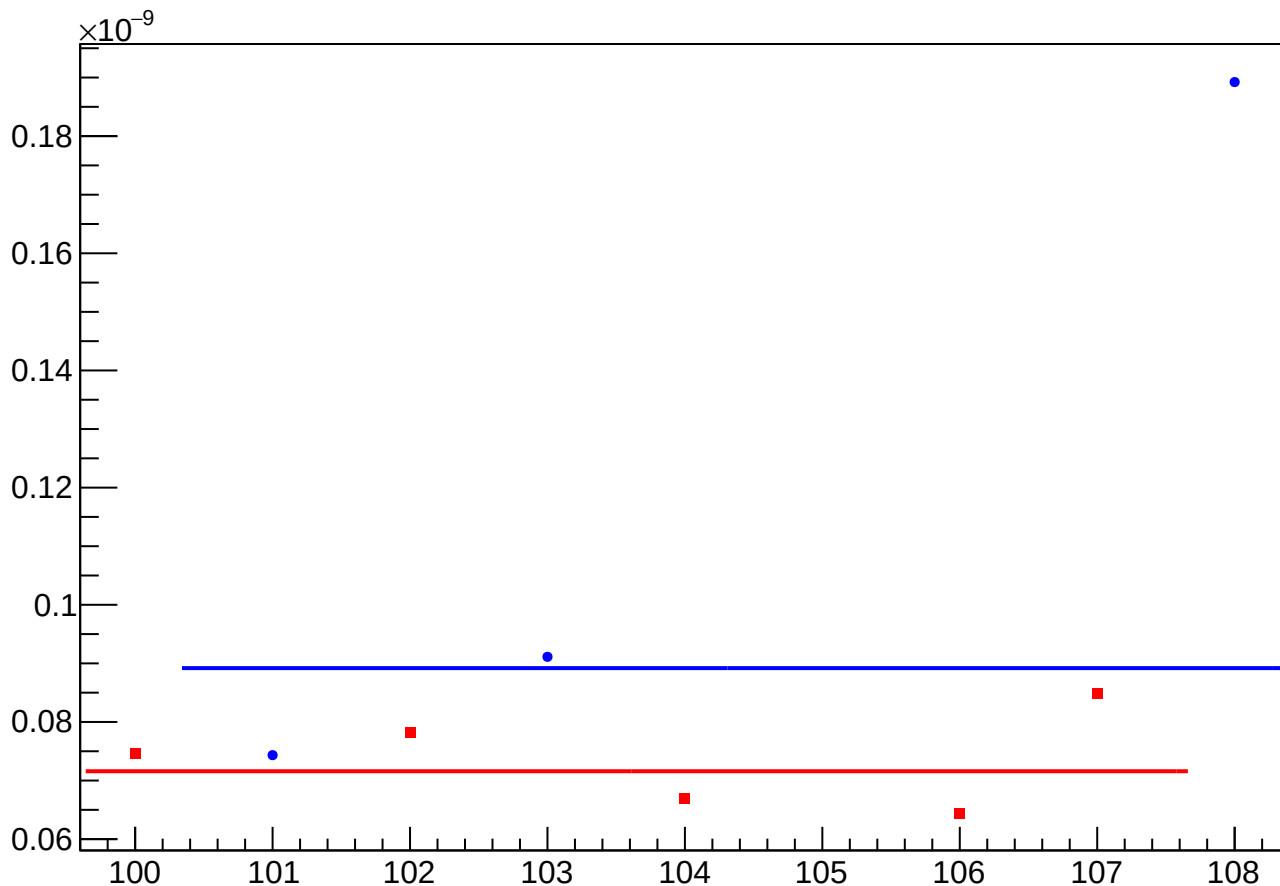
Right: -0.000+/-0.000 χ^2/NDF : 6.5/7

In: -0.000+/-0.000 χ^2/NDF : 0.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.5/7

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 206422.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 19575.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

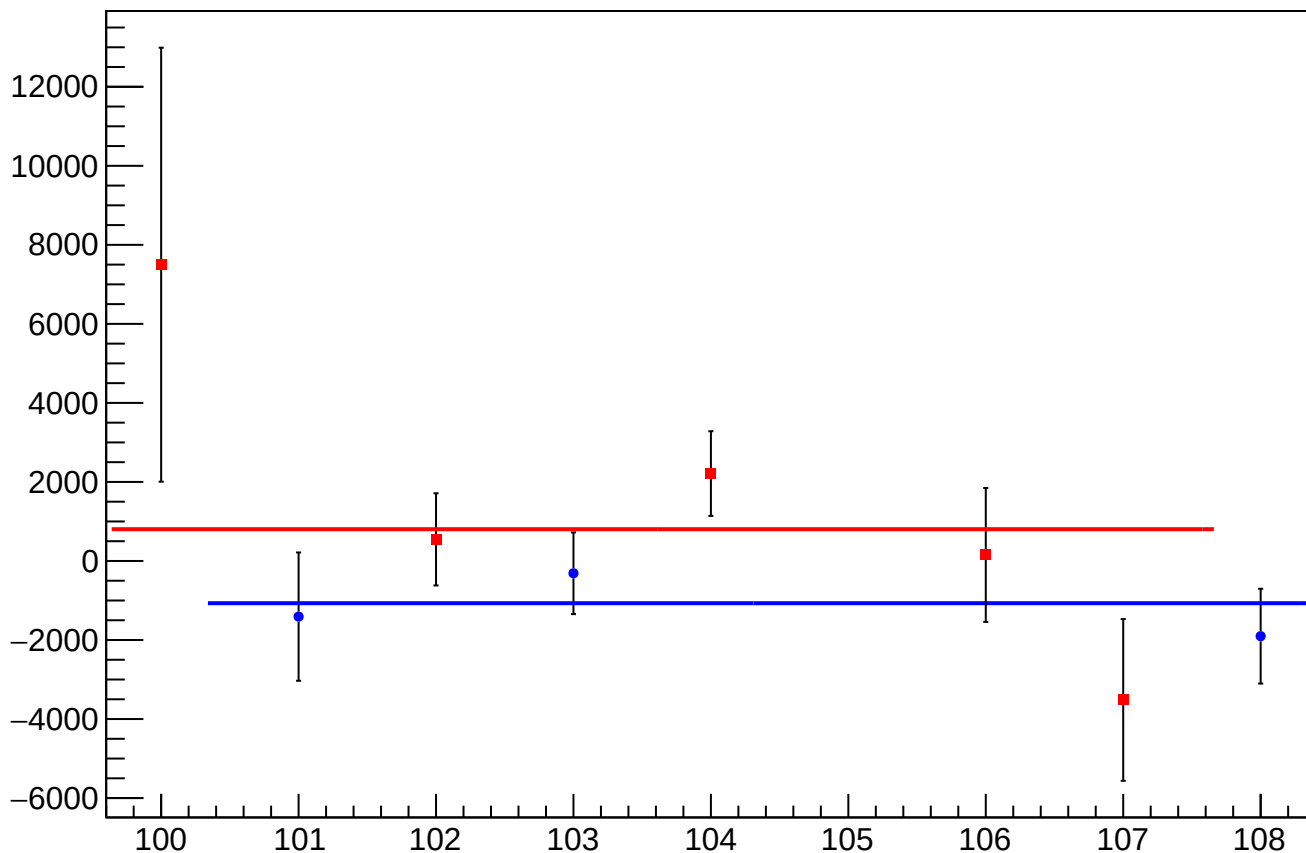
Right: 0.000+/-0.000 χ^2/NDF : 277647.4/7

In: 0.000+/-0.000 χ^2/NDF : 206422.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 277647.4/7

reg_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -1068.751+/-705.383 χ^2/NDF : 1.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 804.096+/-670.201 χ^2/NDF : 7.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

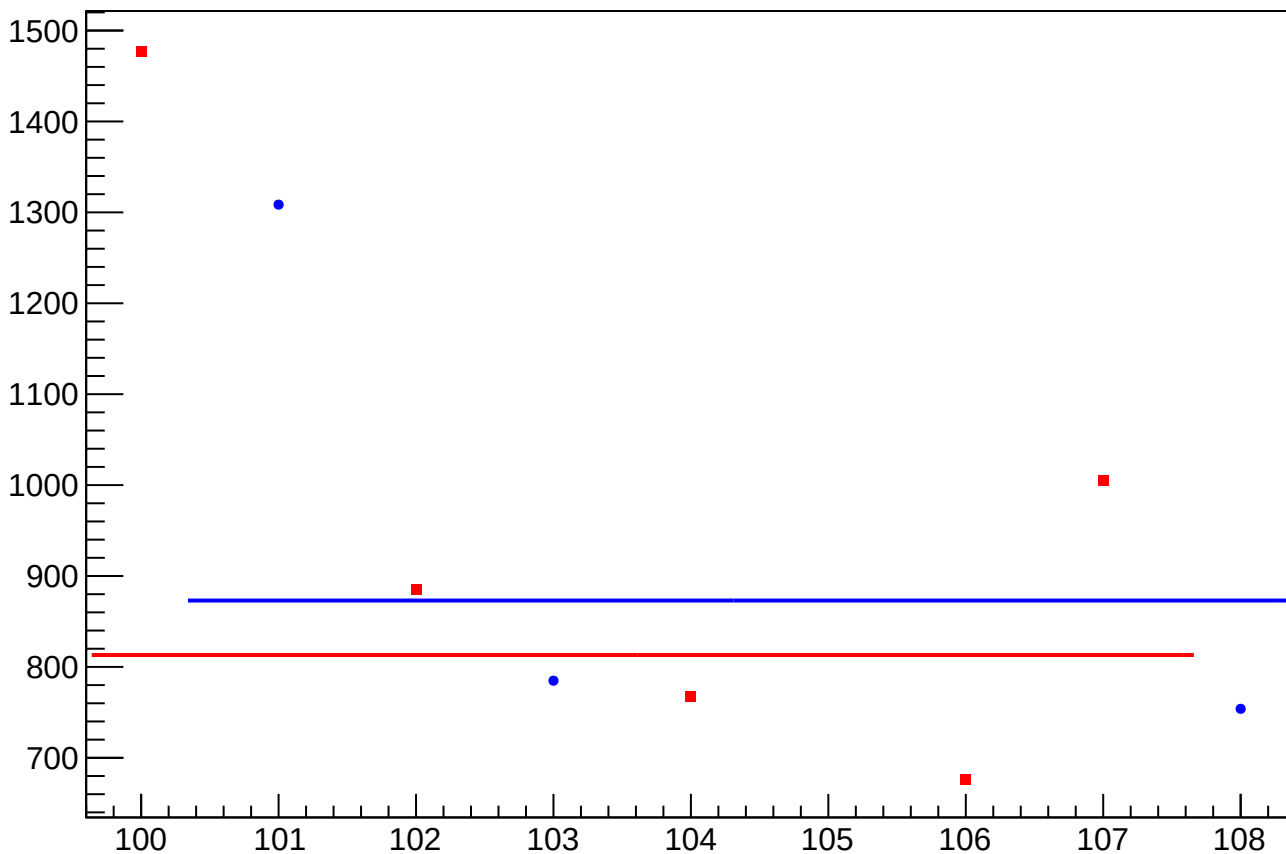
Right: -84.458+/-485.865 χ^2/NDF : 12.6/7

In: -1068.751+/-705.383 χ^2/NDF : 1.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -84.458+/-485.865 χ^2/NDF : 12.6/7

reg_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 873.029+/-0.499 χ^2/NDF : 178203.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 813.109+/-0.450 χ^2/NDF : 80348.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

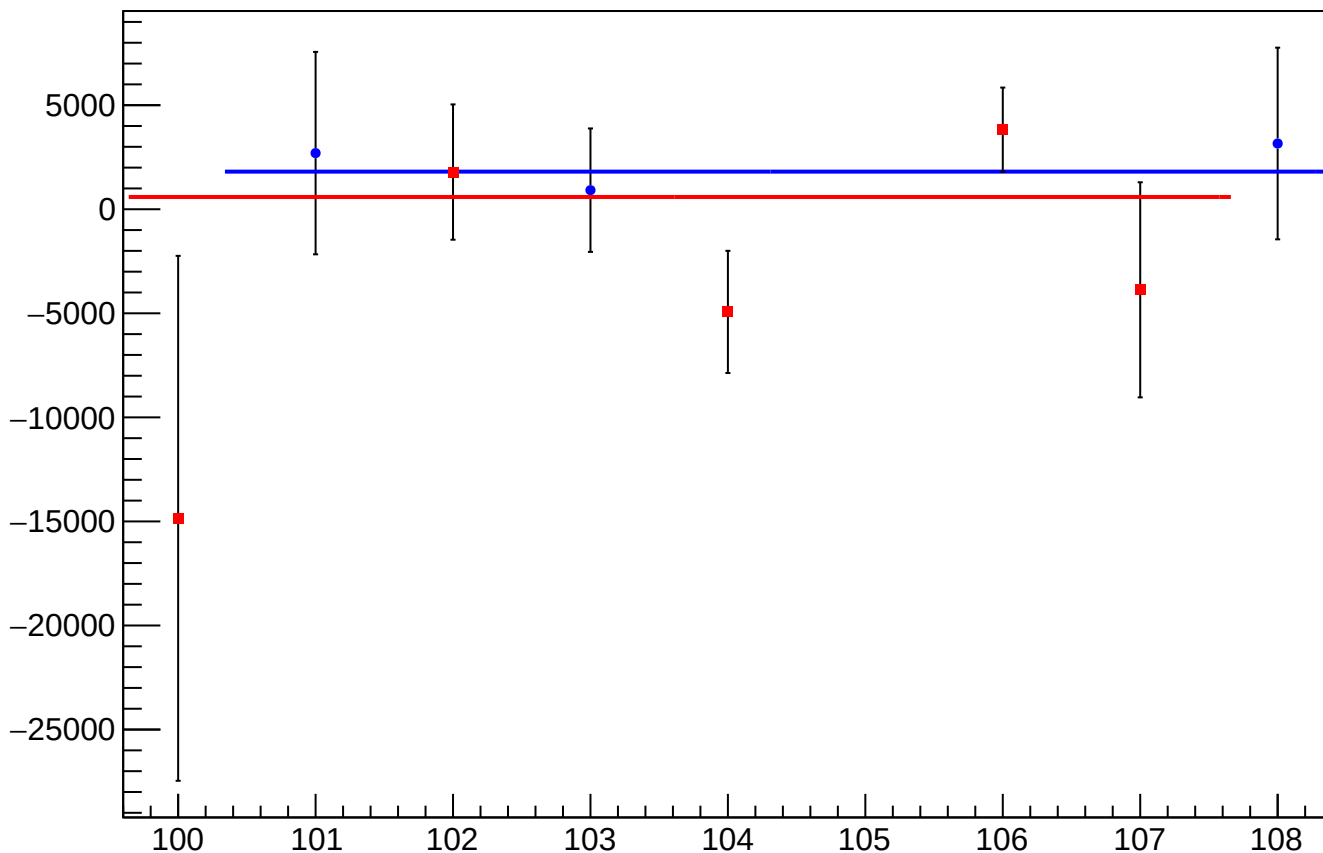
Right: 839.995+/-0.334 χ^2/NDF : 266509.0/7

In: 873.029+/-0.499 χ^2/NDF : 178203.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 839.995+/-0.334 χ^2/NDF : 266509.0/7

asym_usl_atl2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 1807.688+/-2218.678 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 588.997+/-1415.555 χ^2/NDF : 8.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

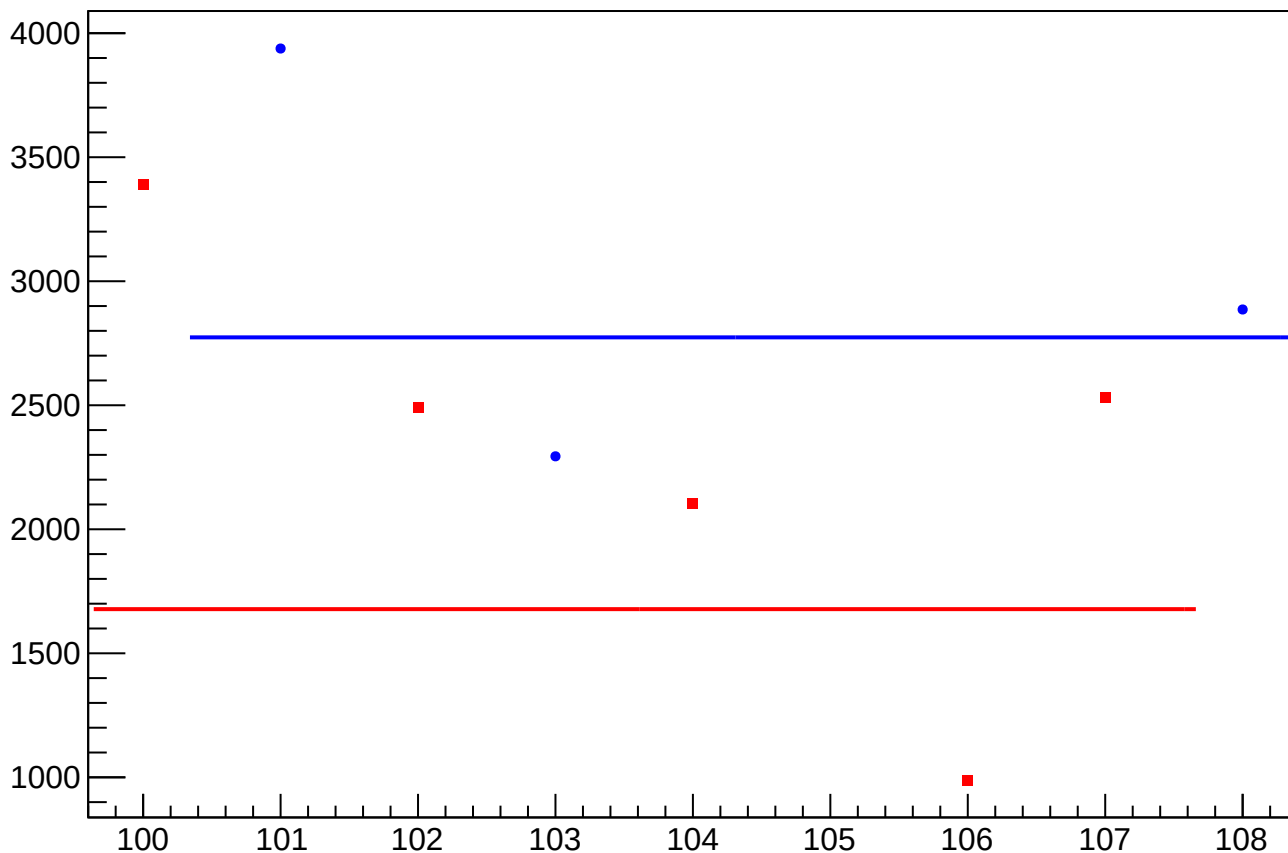
Right: 941.566+/-1193.355 χ^2/NDF : 8.9/7

In: 1807.688+/-2218.678 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 941.566+/-1193.355 χ^2/NDF : 8.9/7

asym_usl_atl2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2773.727+/-1.569 χ^2/NDF : 168149.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1678.037+/-1.001 χ^2/NDF : 491965.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

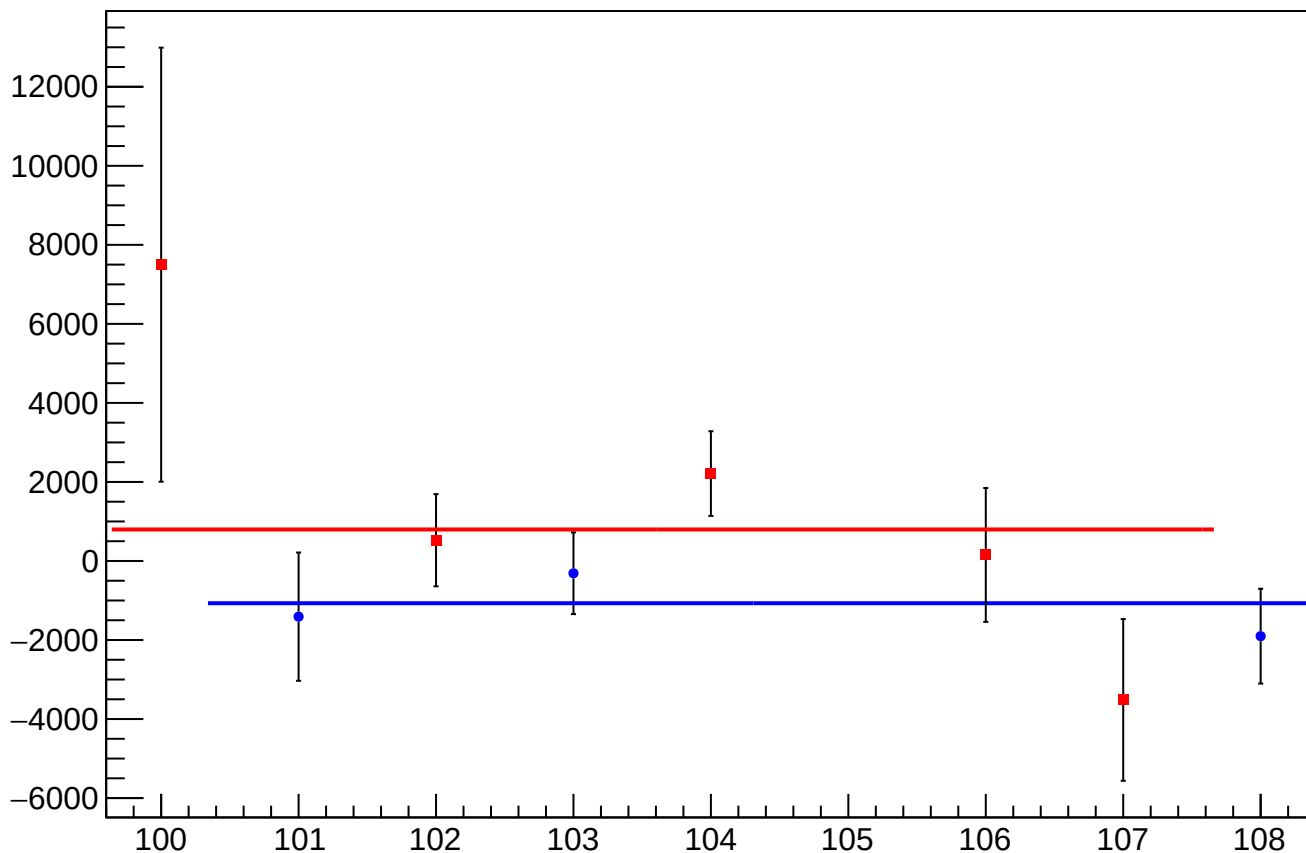
Right: 1995.022+/-0.844 χ^2/NDF : 1006773.7/7

In: 2773.727+/-1.569 χ^2/NDF : 168149.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1995.022+/-0.844 χ^2/NDF : 1006773.7/7

cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -1068.872 $\pm$ 705.384 χ^2 /NDF: 1.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 797.197 $\pm$ 670.245 χ^2 /NDF: 7.9/4

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

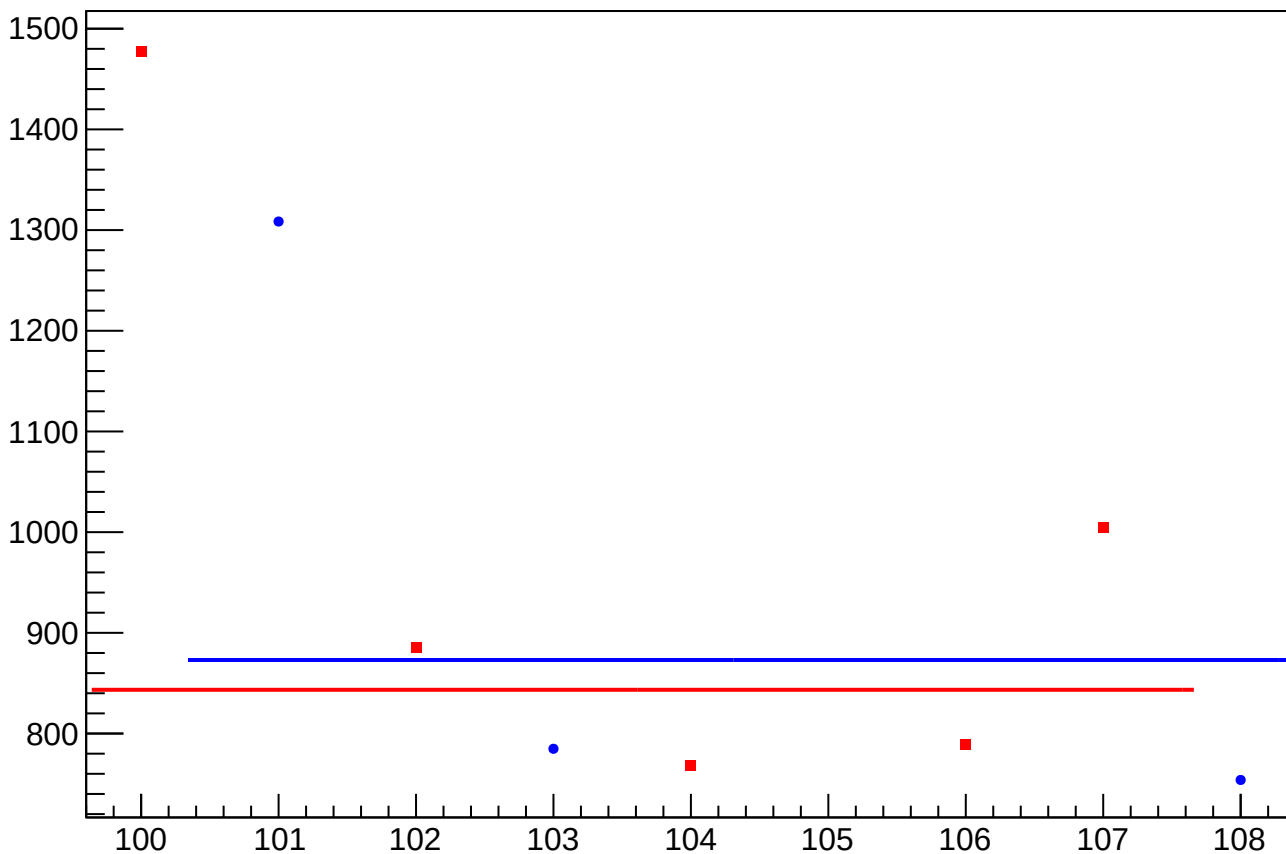
Right: -88.203 $\pm$ 485.882 χ^2 /NDF: 12.6/7

In: -1068.872 $\pm$ 705.384 χ^2 /NDF:1.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -88.203 $\pm$ 485.882 χ^2 /NDF: 12.6/7

cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 873.029+/-0.499 χ^2/NDF : 178203.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 843.445+/-0.464 χ^2/NDF : 54277.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

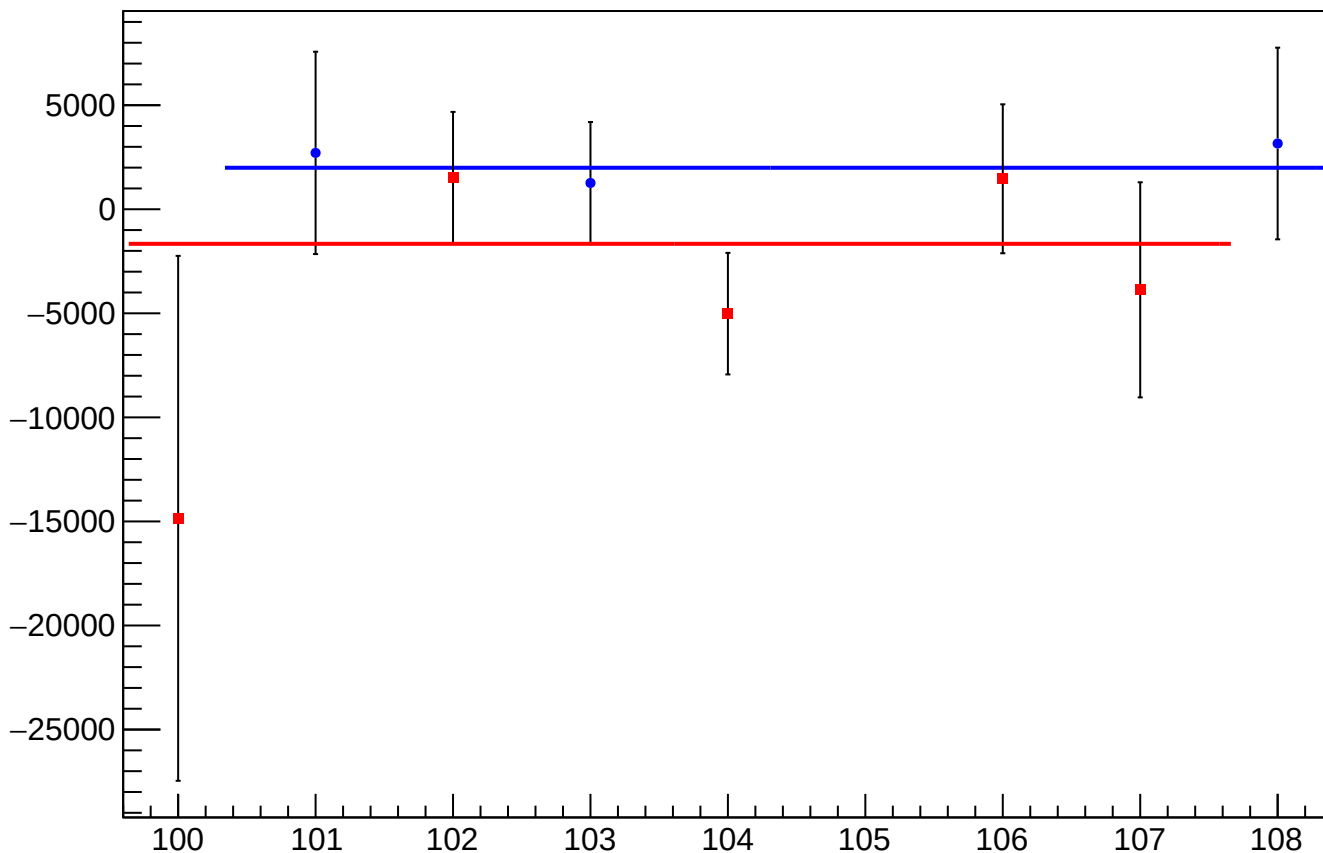
Right: 857.157+/-0.340 χ^2/NDF : 234367.9/7

In: 873.029+/-0.499 χ^2/NDF : 178203.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 857.157+/-0.340 χ^2/NDF : 234367.9/7

asym_usl_atl2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1993.657+/-2202.258 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1661.215+/-1718.723 χ^2/NDF : 4.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

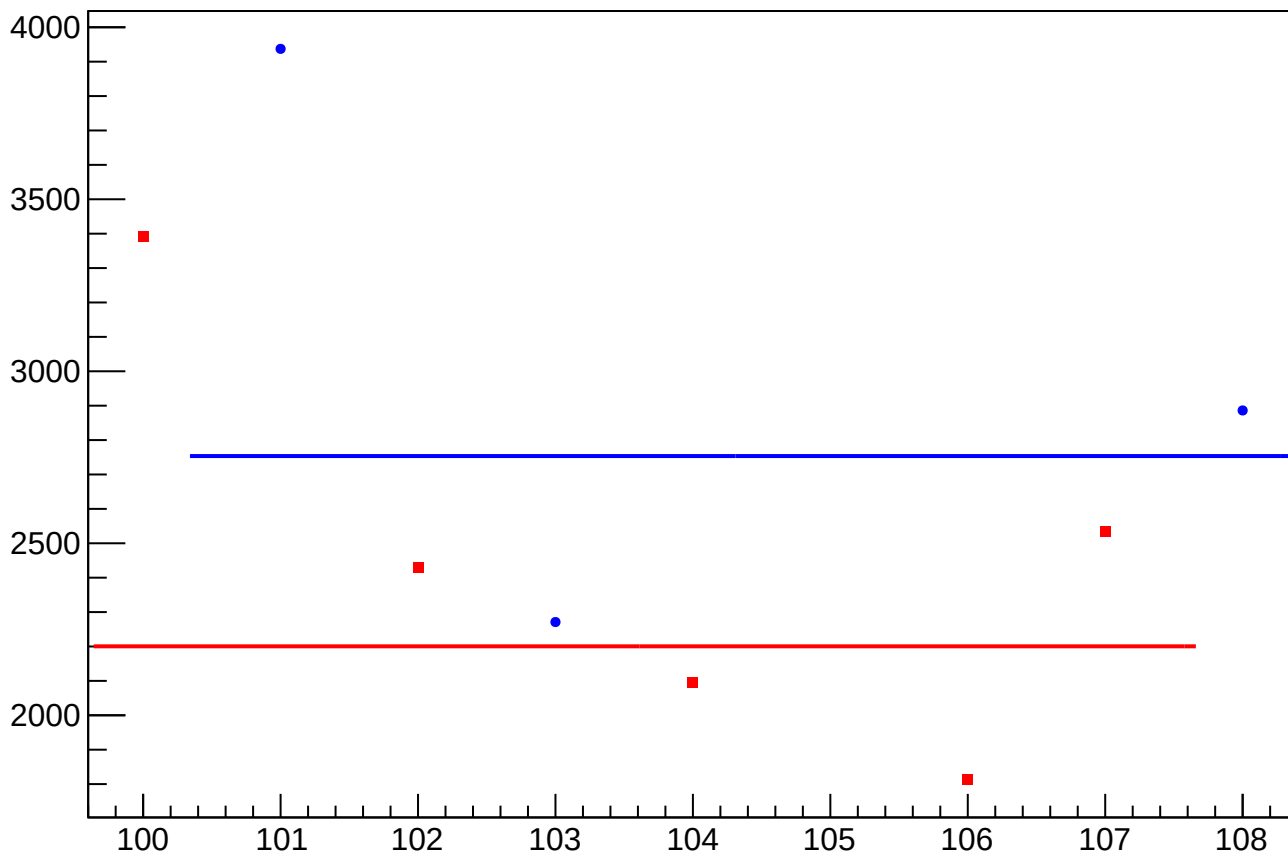
Right: -277.746+/-1354.930 χ^2/NDF : 6.2/7

In: 1993.657+/-2202.258 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -277.746+/-1354.930 χ^2/NDF : 6.2/7

asym_usl_atl2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2753.550 $\pm$ 1.557 χ^2 /NDF: 174531.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2200.464 $\pm$ 1.215 χ^2 /NDF: 62813.3/4

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

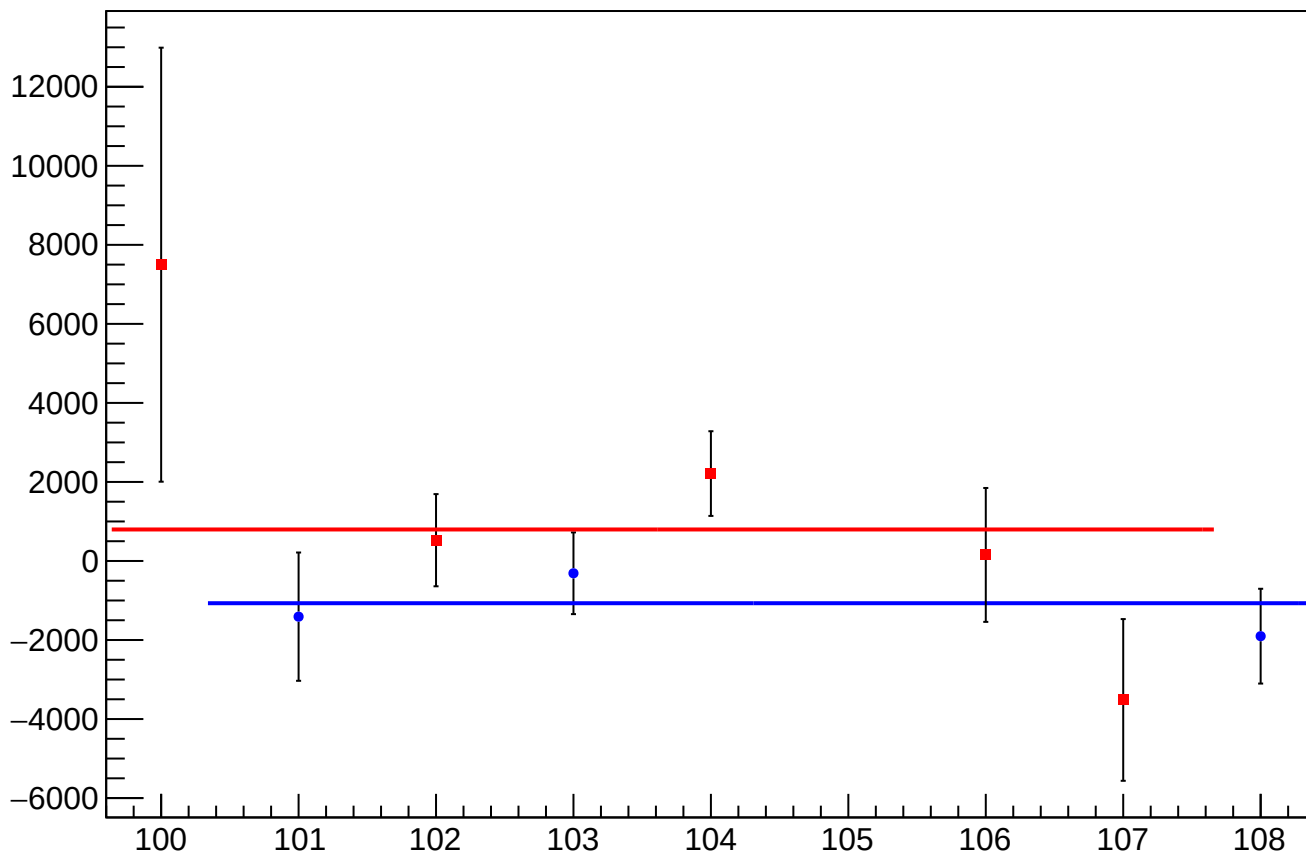
Right: 2409.822 $\pm$ 0.958 χ^2 /NDF: 315741.6/7

In: 2753.550 $\pm$ 1.557 χ^2 /NDF: 174531.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2409.822 $\pm$ 0.958 χ^2 /NDF: 315741.6/7

eigen_cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -1068.872 $\pm$ 705.384 χ^2 /NDF: 1.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 797.197 $\pm$ 670.245 χ^2 /NDF: 7.9/4

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

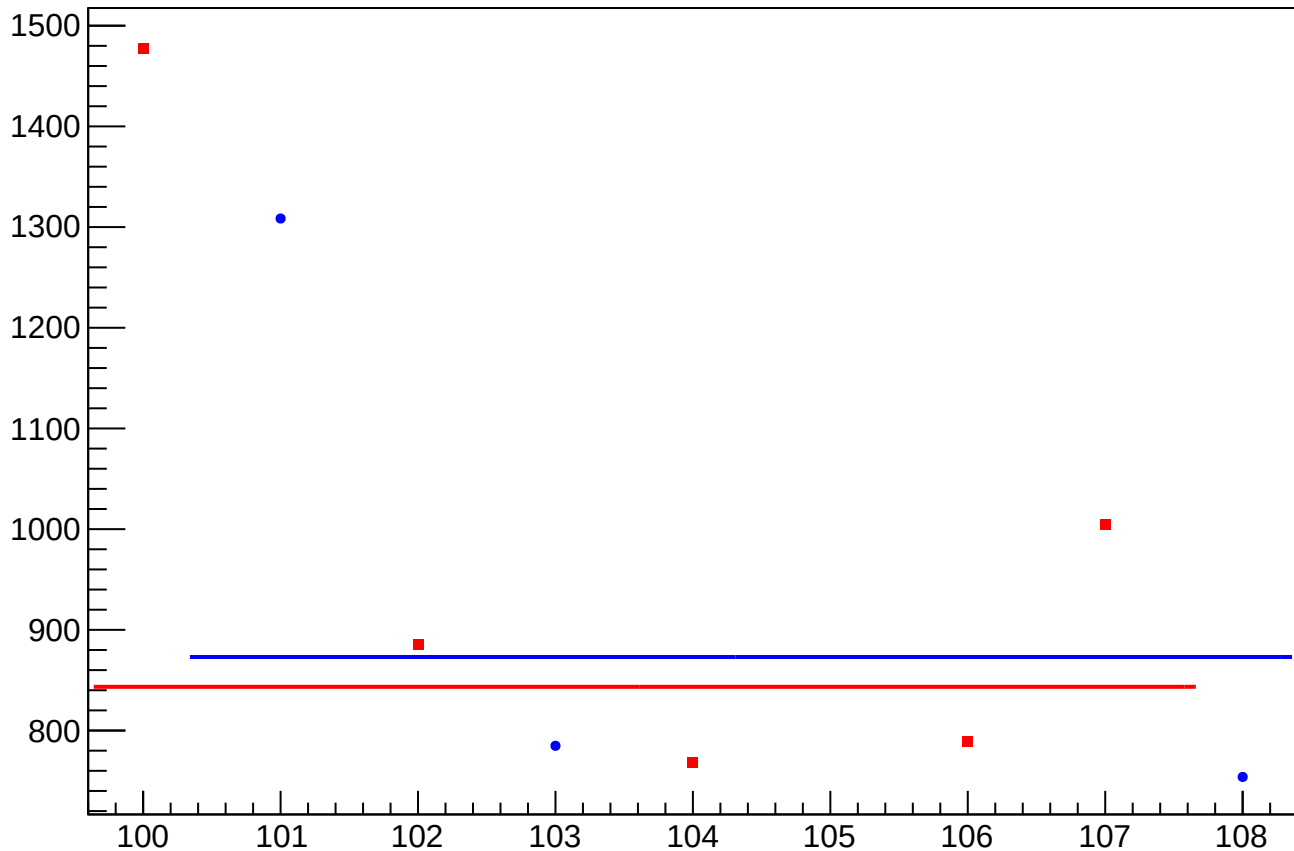
Right: -88.203 $\pm$ 485.882 χ^2 /NDF: 12.6/7

In: -1068.872 $\pm$ 705.384 χ^2 /NDF: 1.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -88.203 $\pm$ 485.882 χ^2 /NDF: 12.6/7

eigen_cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 873.029+/-0.499 χ^2/NDF : 178203.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 843.445+/-0.464 χ^2/NDF : 54277.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

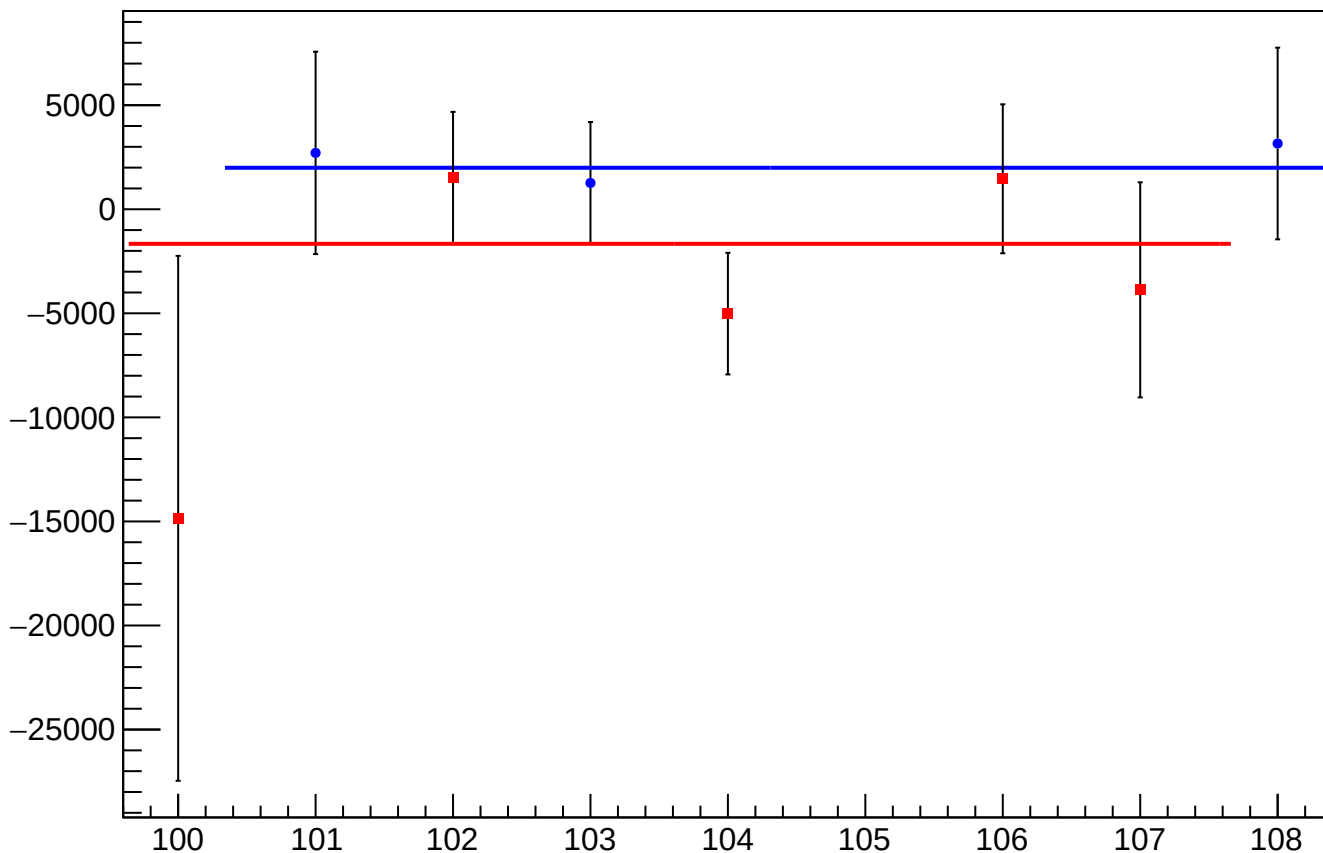
Right: 857.157+/-0.340 χ^2/NDF : 234367.9/7

In: 873.029+/-0.499 χ^2/NDF : 178203.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 857.157+/-0.340 χ^2/NDF : 234367.9/7

asym_usl_atl2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1993.657+/-2202.258 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1661.215+/-1718.723 χ^2/NDF : 4.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

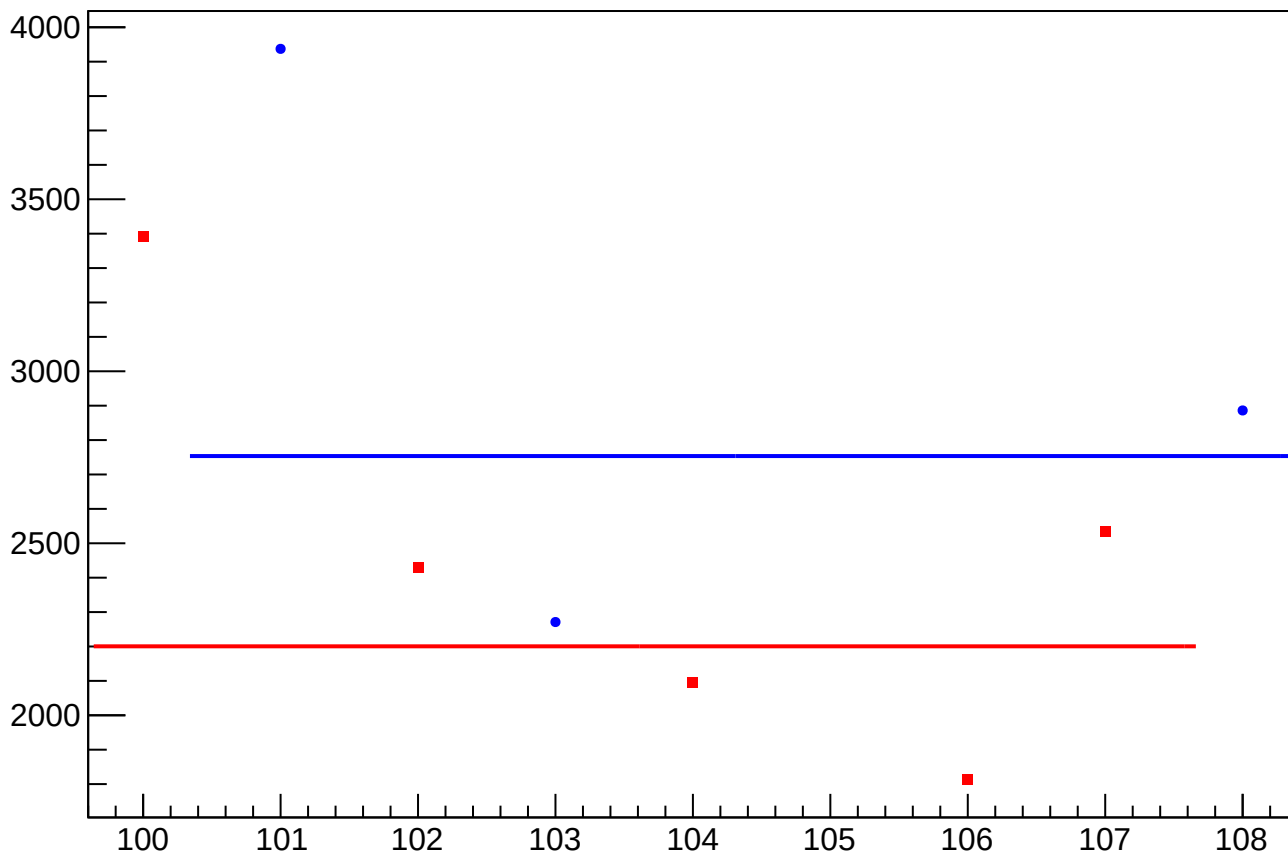
Right: -277.746+/-1354.930 χ^2/NDF : 6.2/7

In: 1993.657+/-2202.258 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -277.746+/-1354.930 χ^2/NDF : 6.2/7

asym_usl_atl2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2753.550+/-1.557 χ^2/NDF : 174531.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2200.464+/-1.215 χ^2/NDF : 62813.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

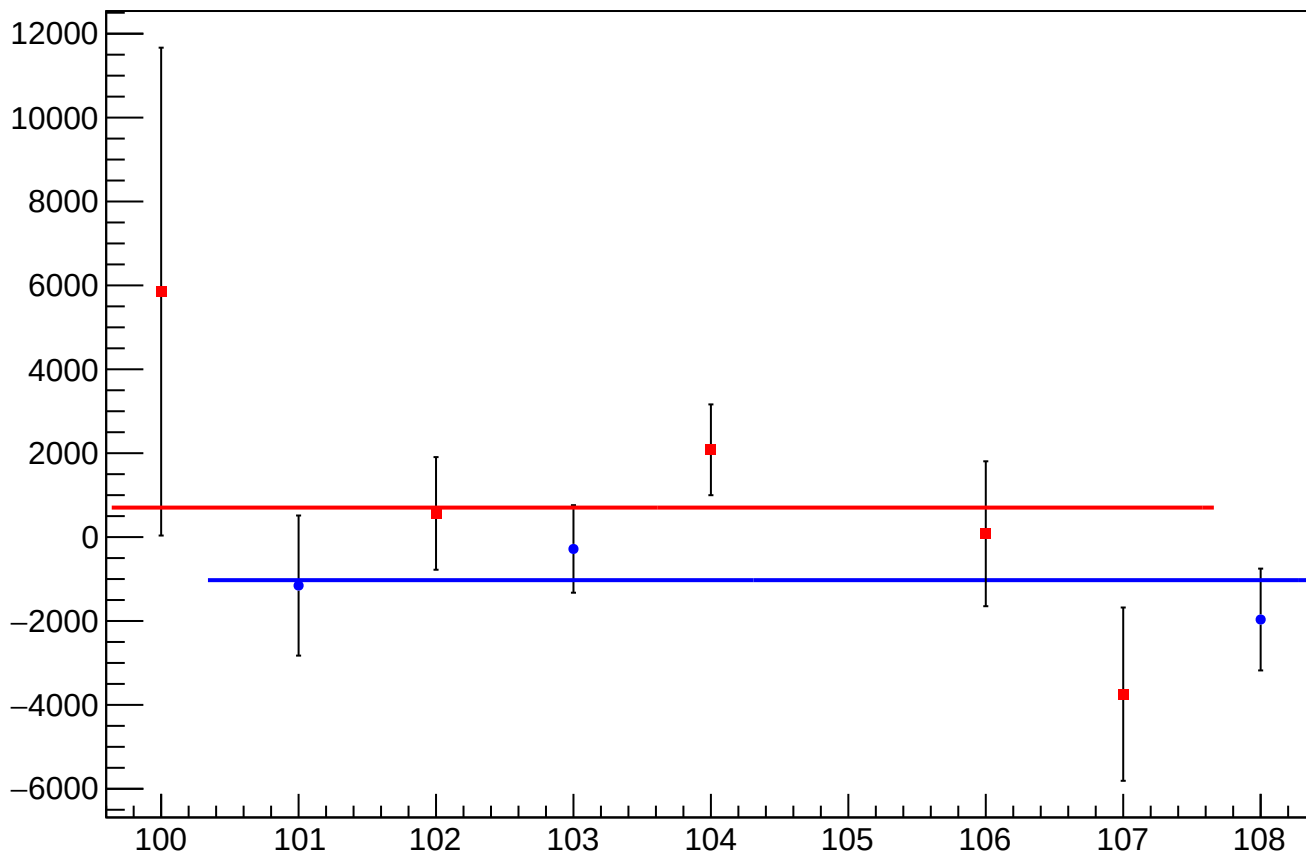
Right: 2409.822+/-0.958 χ^2/NDF : 315741.6/7

In: 2753.550+/-1.557 χ^2/NDF : 174531.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2409.822+/-0.958 χ^2/NDF : 315741.6/7

dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -1026.581+/-714.909 χ^2/NDF : 1.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 703.280+/-705.758 χ^2/NDF : 7.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

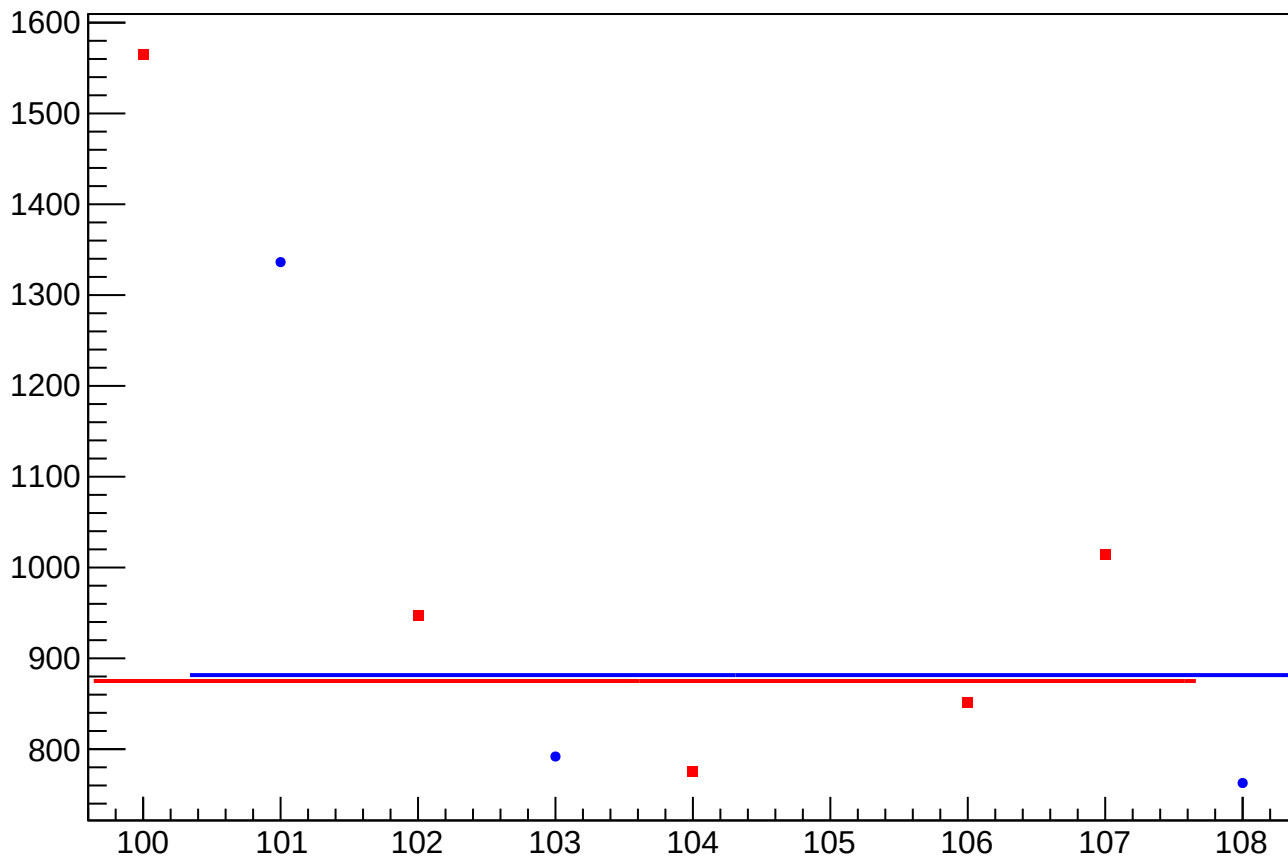
Right: -150.508+/-502.250 χ^2/NDF : 11.3/7

In: -1026.581+/-714.909 χ^2/NDF : 1.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -150.508+/-502.250 χ^2/NDF : 11.3/7

dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 881.543+/-0.506 χ^2/NDF : 182281.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 875.060+/-0.497 χ^2/NDF : 60408.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

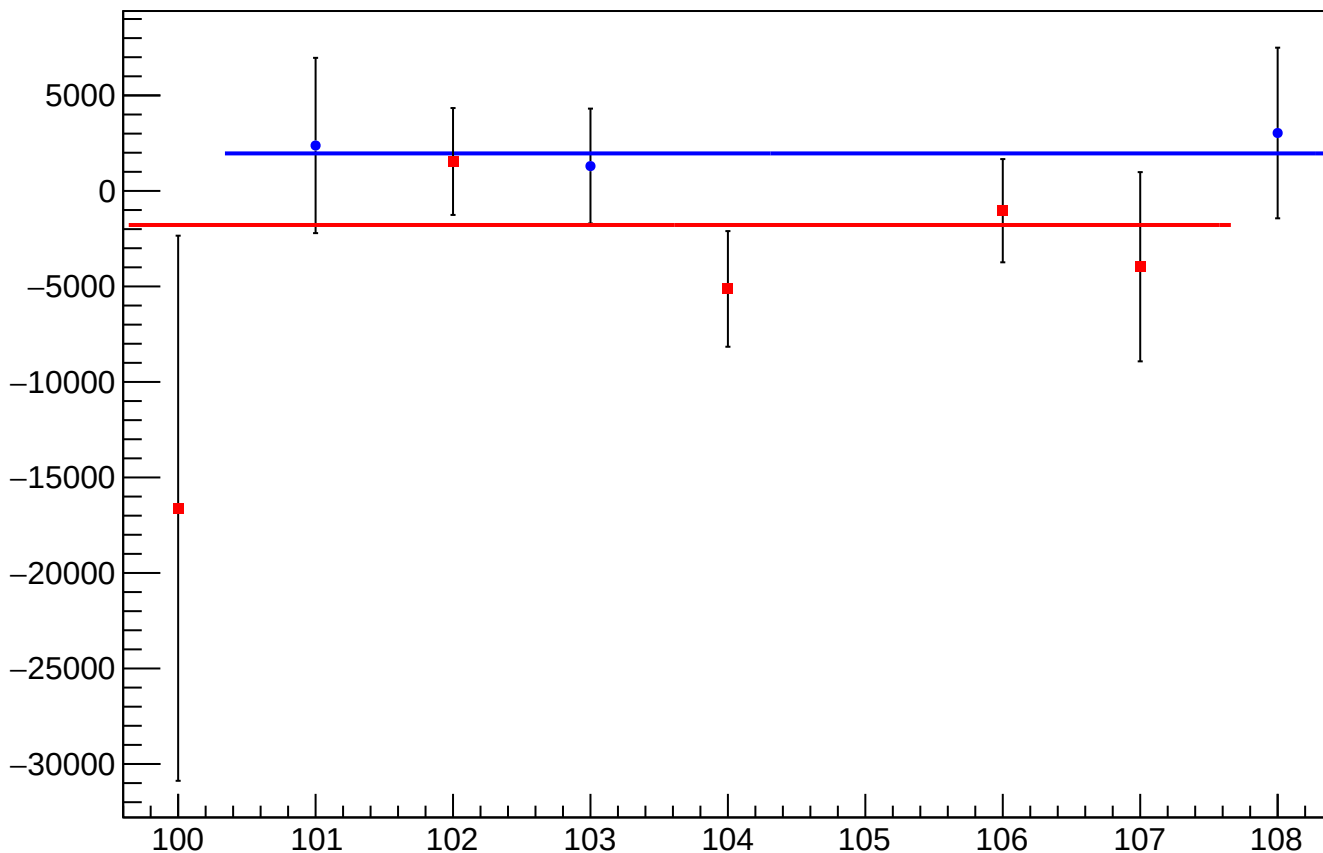
Right: 878.245+/-0.354 χ^2/NDF : 242773.9/7

In: 881.543+/-0.506 χ^2/NDF : 182281.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 878.245+/-0.354 χ^2/NDF : 242773.9/7

asym_usl_atl2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1963.782 $\pm$ 2191.990 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1783.218 $\pm$ 1544.083 χ^2 /NDF: 4.0/4

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

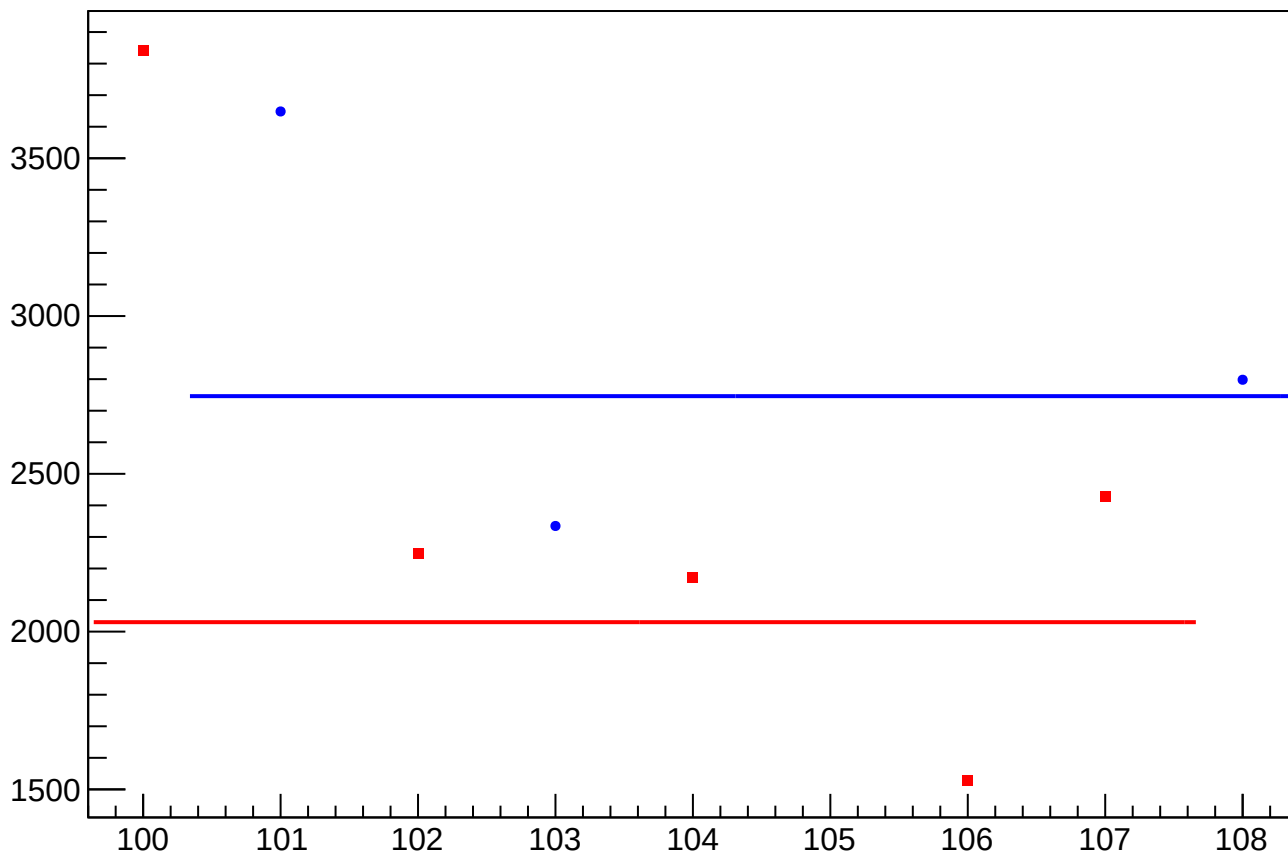
Right: -540.548 $\pm$ 1262.335 χ^2 /NDF: 6.1/7

In: 1963.782 $\pm$ 2191.990 χ^2 /NDF:0.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -540.548 $\pm$ 1262.335 χ^2 /NDF: 6.1/7

asym_usl_atl2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2746.189+/-1.550 χ^2/NDF : 115000.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2029.917+/-1.092 χ^2/NDF : 130418.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

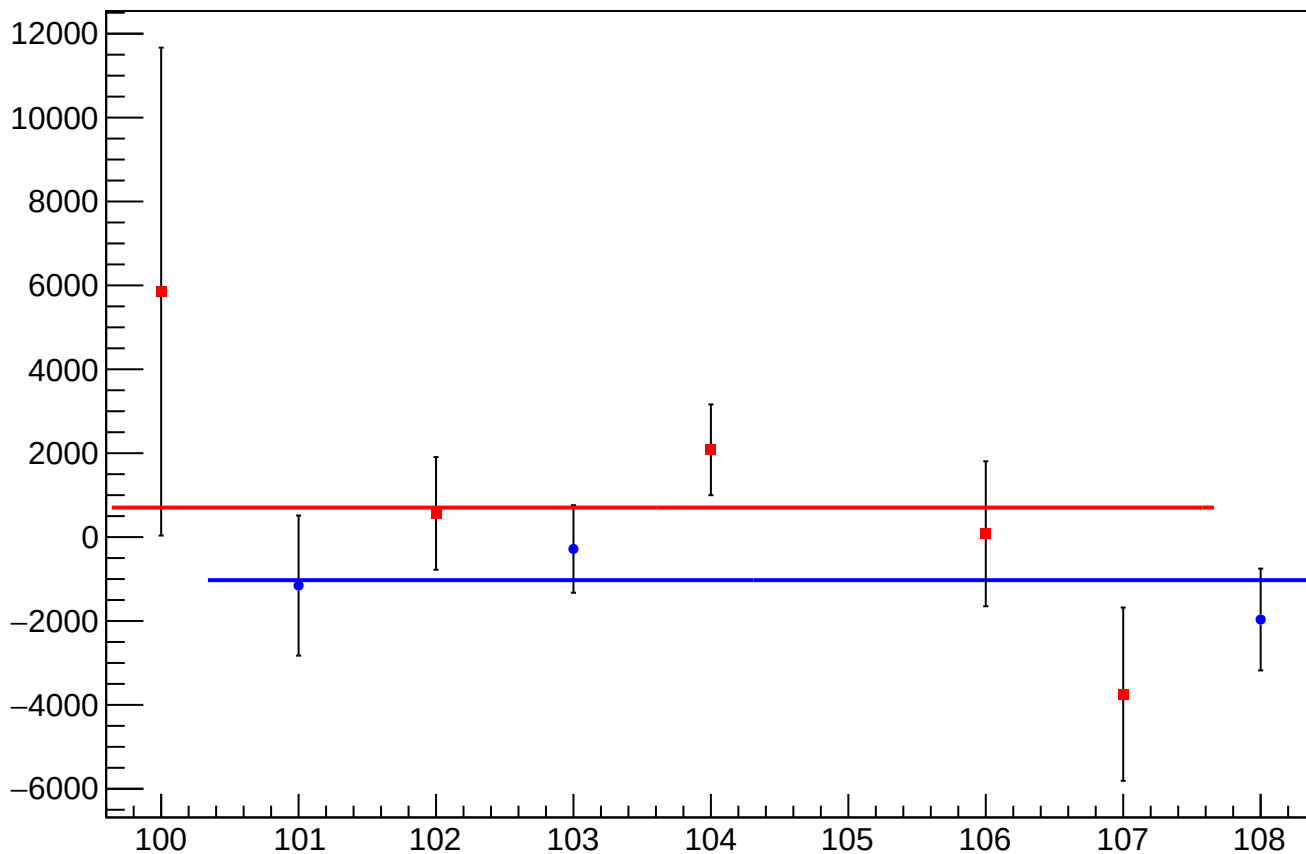
Right: 2267.465+/-0.893 χ^2/NDF : 388148.6/7

In: 2746.189+/-1.550 χ^2/NDF : 115000.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2267.465+/-0.893 χ^2/NDF : 388148.6/7

eigen_dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -1026.584 $\pm$ 714.910 χ^2 /NDF: 1.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 703.274 $\pm$ 705.758 χ^2 /NDF: 7.2/4

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

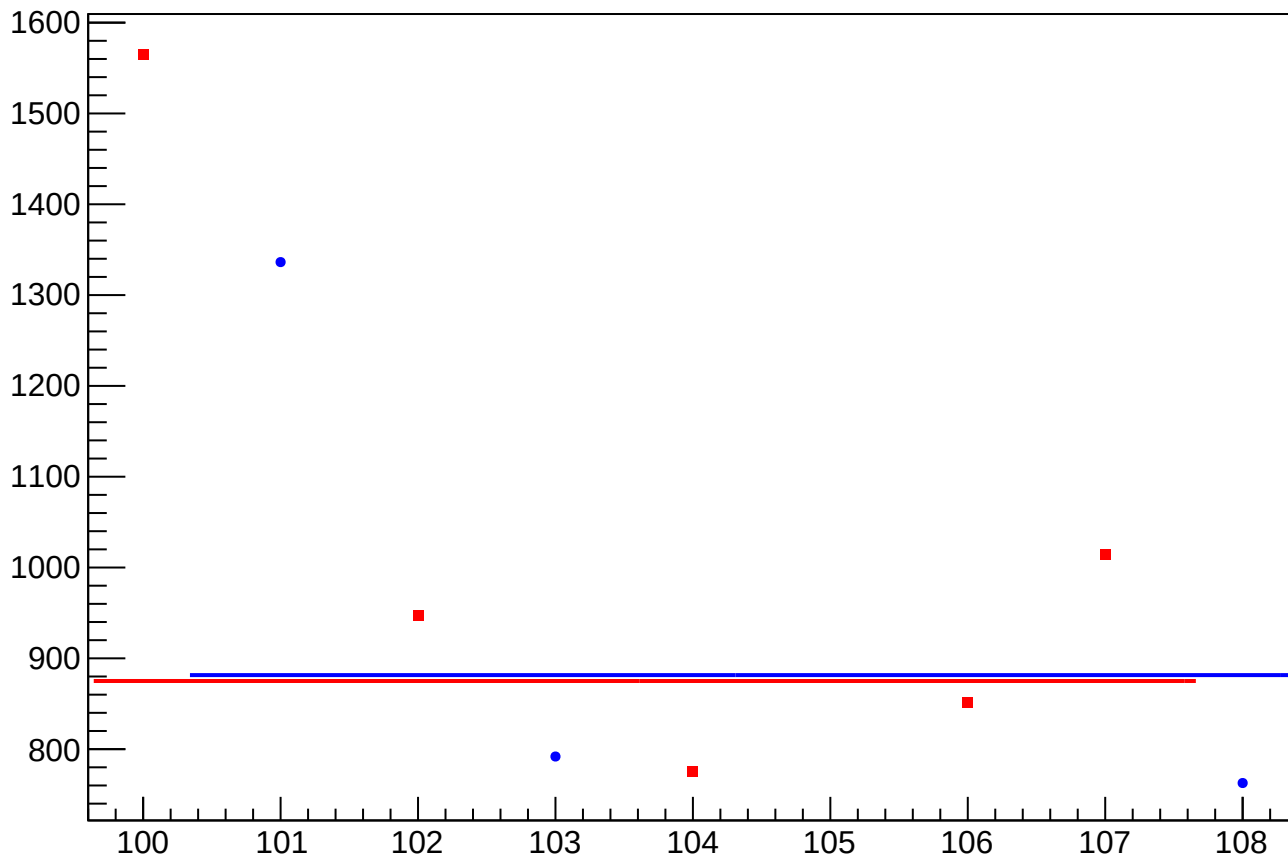
Right: -150.512 $\pm$ 502.251 χ^2 /NDF: 11.3/7

In: -1026.584 $\pm$ 714.910 χ^2 /NDF:1.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -150.512 $\pm$ 502.251 χ^2 /NDF: 11.3/7

eigen_dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 881.544+/-0.506 χ^2/NDF : 182281.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 875.060+/-0.497 χ^2/NDF : 60408.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

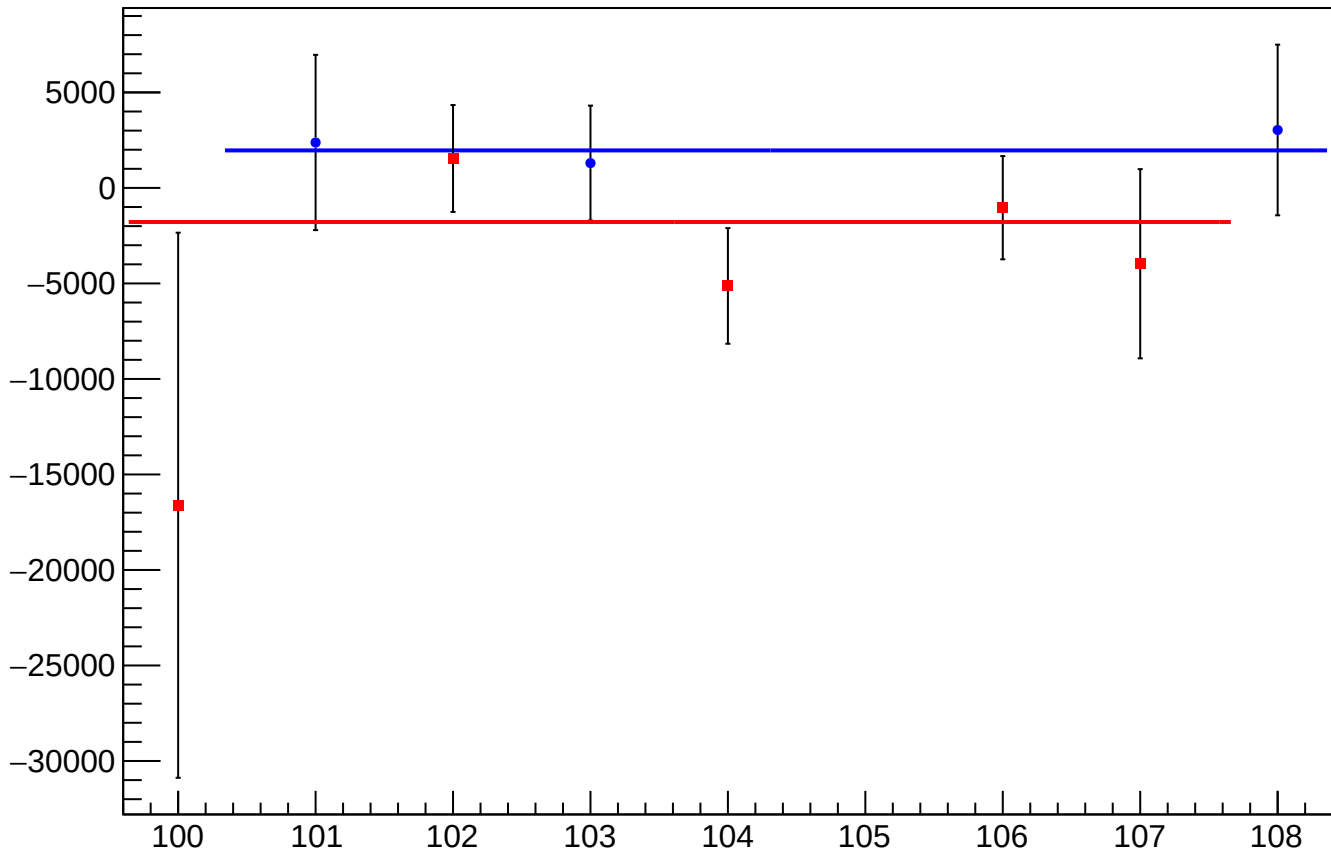
Right: 878.245+/-0.354 χ^2/NDF : 242773.0/7

In: 881.544+/-0.506 χ^2/NDF : 182281.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 878.245+/-0.354 χ^2/NDF : 242773.0/7

asym_usl_atl2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1963.782 $\pm$ 2191.987 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1783.220 $\pm$ 1544.082 χ^2 /NDF: 4.0/4

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

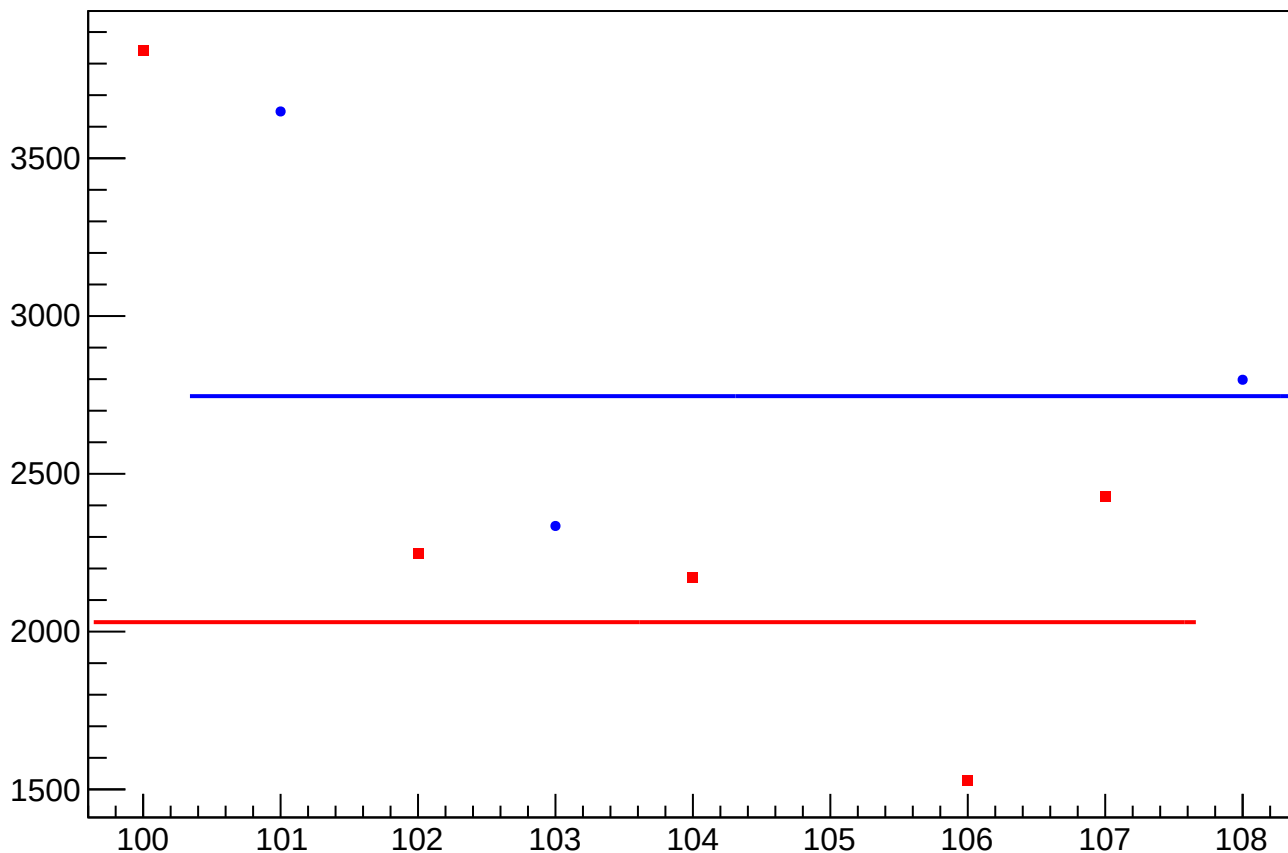
Right: -540.549 $\pm$ 1262.334 χ^2 /NDF: 6.1/7

In: 1963.782 $\pm$ 2191.987 χ^2 /NDF: 0.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -540.549 $\pm$ 1262.334 χ^2 /NDF: 6.1/7

asym_usl_atl2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2746.187+/-1.550 χ^2/NDF : 114999.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2029.914+/-1.092 χ^2/NDF : 130421.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

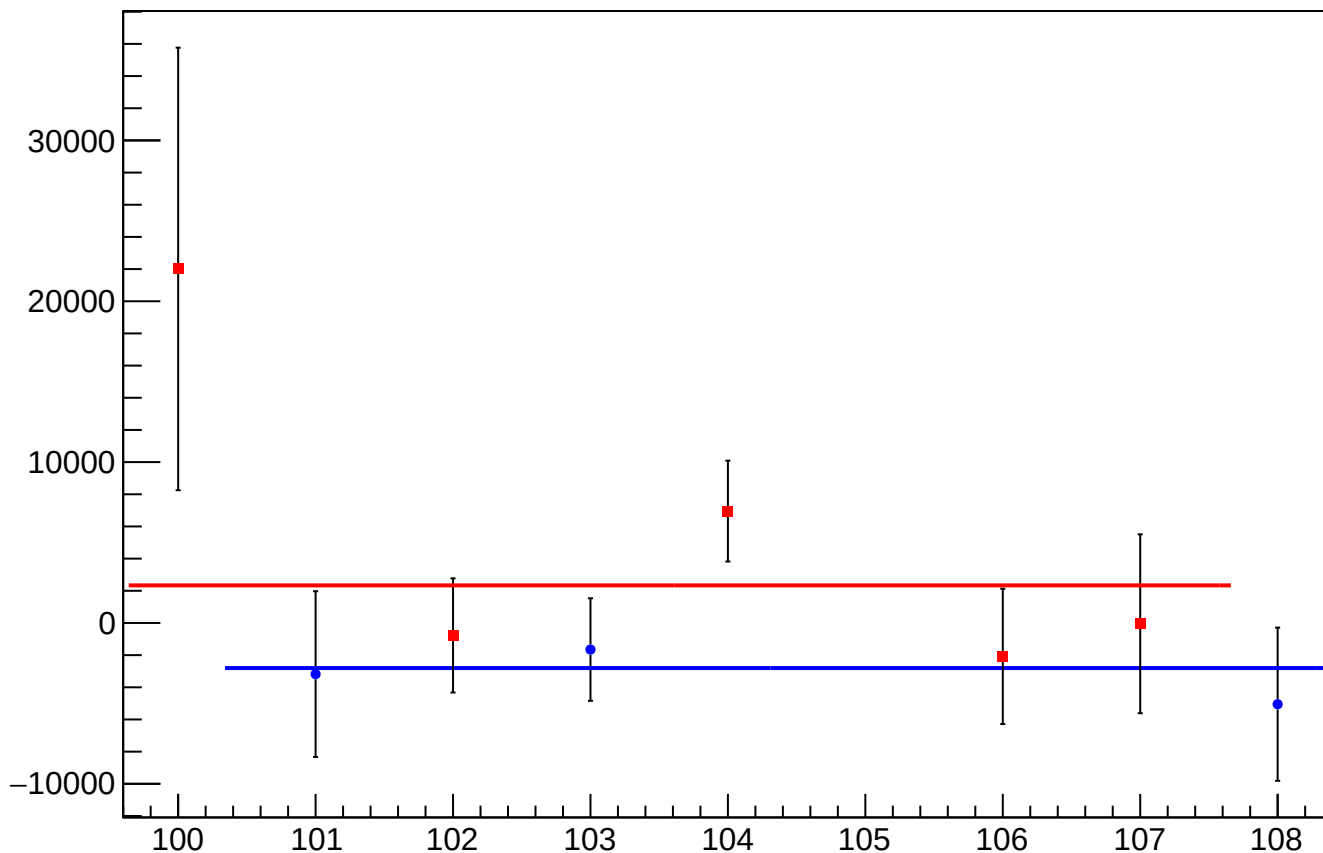
Right: 2267.462+/-0.893 χ^2/NDF : 388151.9/7

In: 2746.187+/-1.550 χ^2/NDF : 114999.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2267.462+/-0.893 χ^2/NDF : 388151.9/7

asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -2804.072+/-2355.985 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2336.559+/-1905.897 χ^2/NDF : 6.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

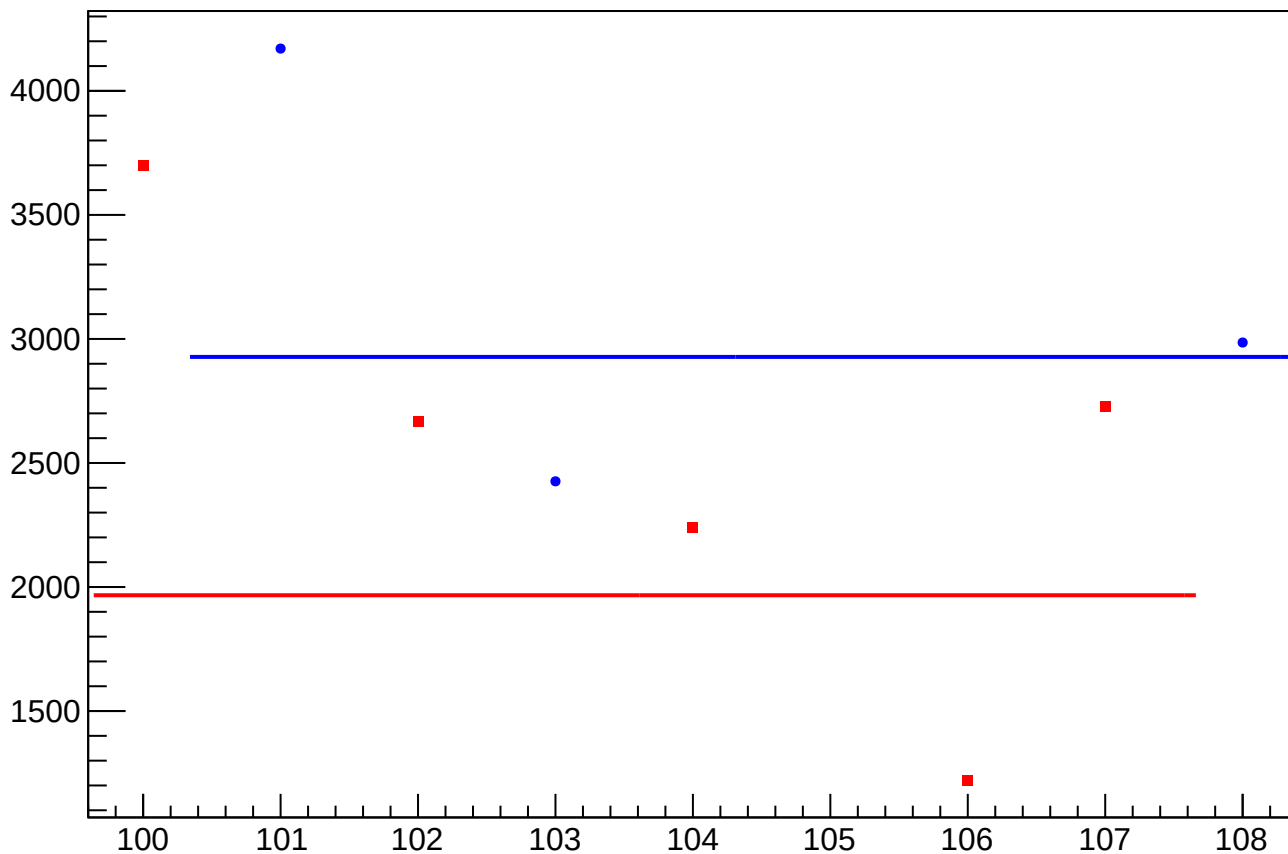
Right: 303.146+/-1481.757 χ^2/NDF : 9.5/7

In: -2804.072+/-2355.985 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 303.146+/-1481.757 χ^2/NDF : 9.5/7

asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 2927.569+/-1.666 χ^2/NDF : 166123.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1966.793+/-1.154 χ^2/NDF : 337247.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

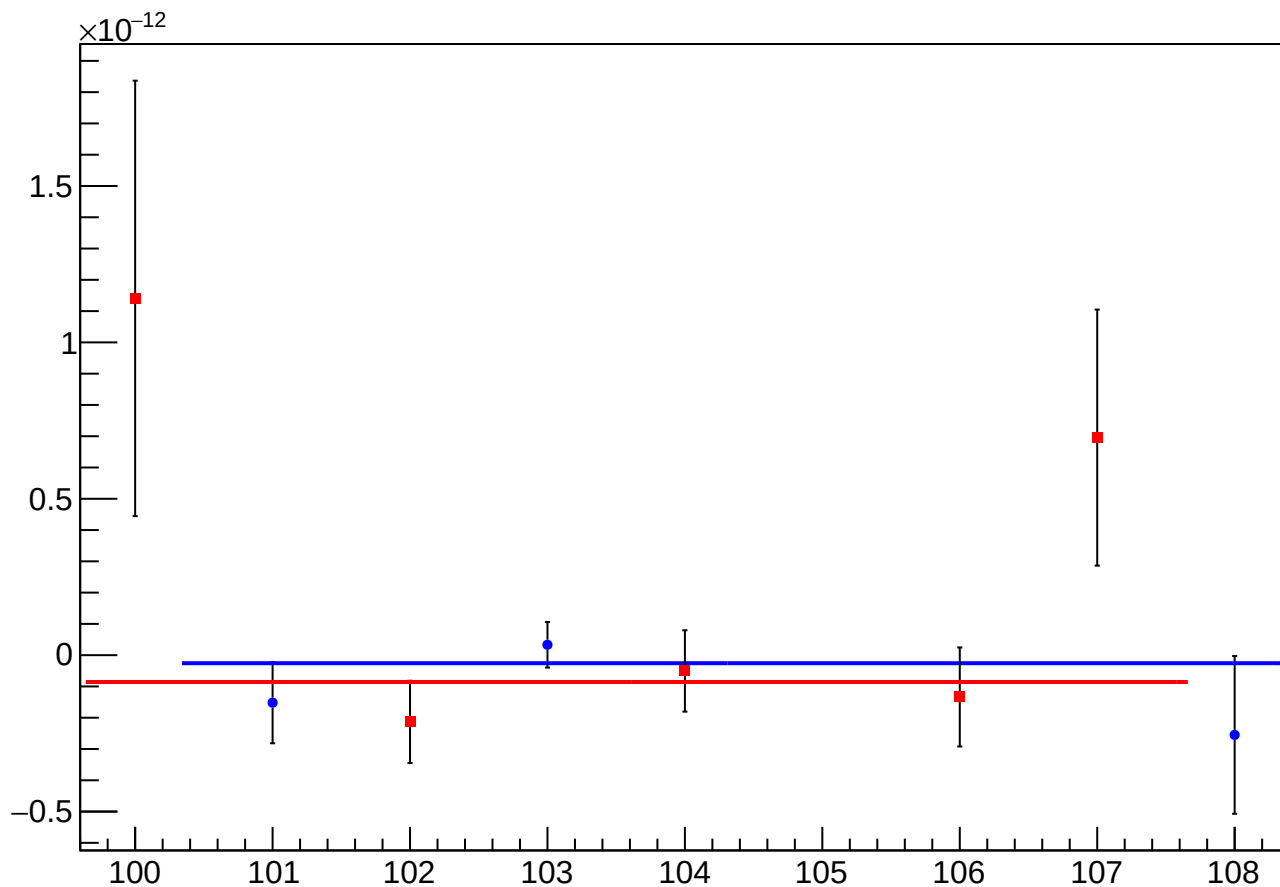
Right: 2278.165+/-0.948 χ^2/NDF : 728187.2/7

In: 2927.569+/-1.666 χ^2/NDF : 166123.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2278.165+/-0.948 χ^2/NDF : 728187.2/7

asym_usl_atl2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

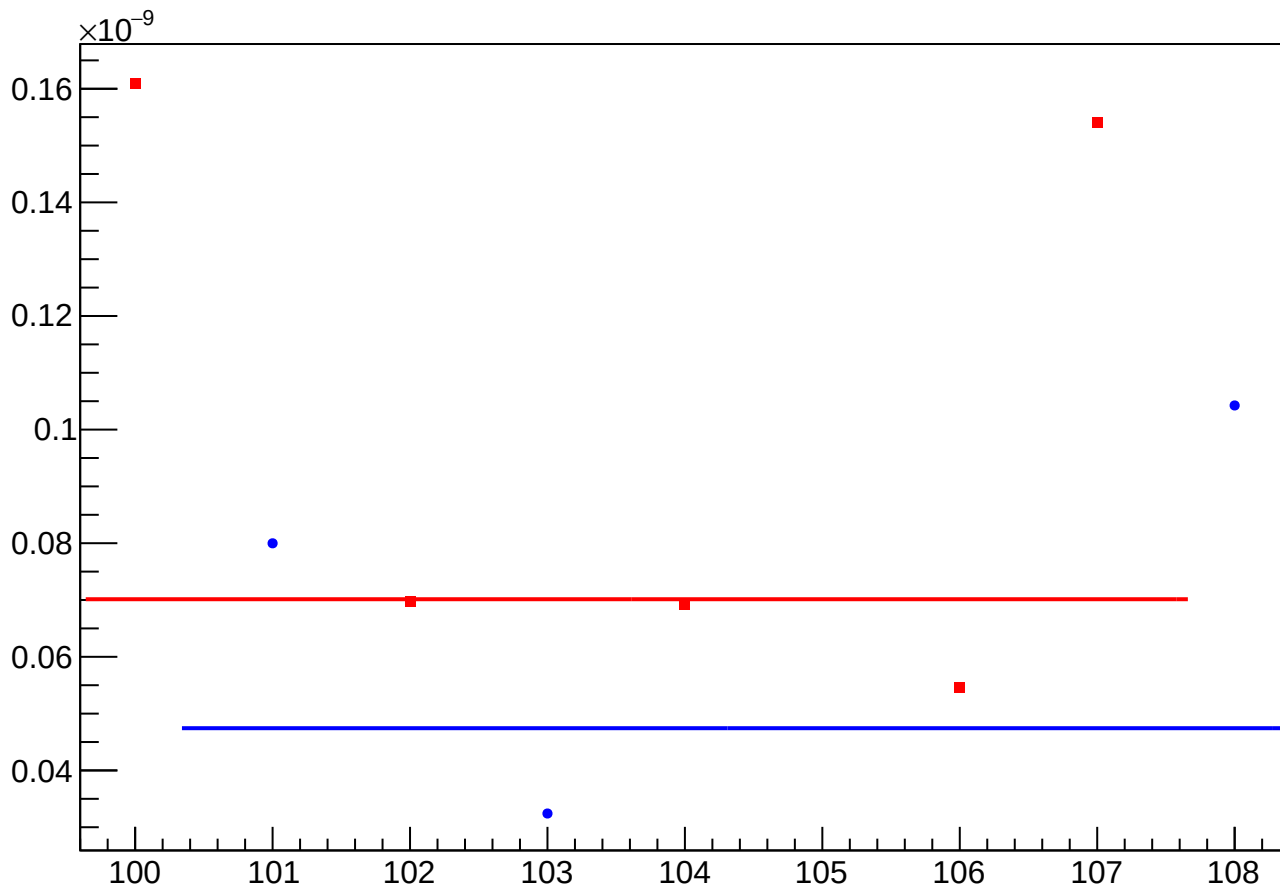
Right: -0.000+/-0.000 χ^2/NDF : 10.6/7

In: -0.000+/-0.000 χ^2/NDF : 2.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.6/7

asym_usl_atl2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 312216.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 137281.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

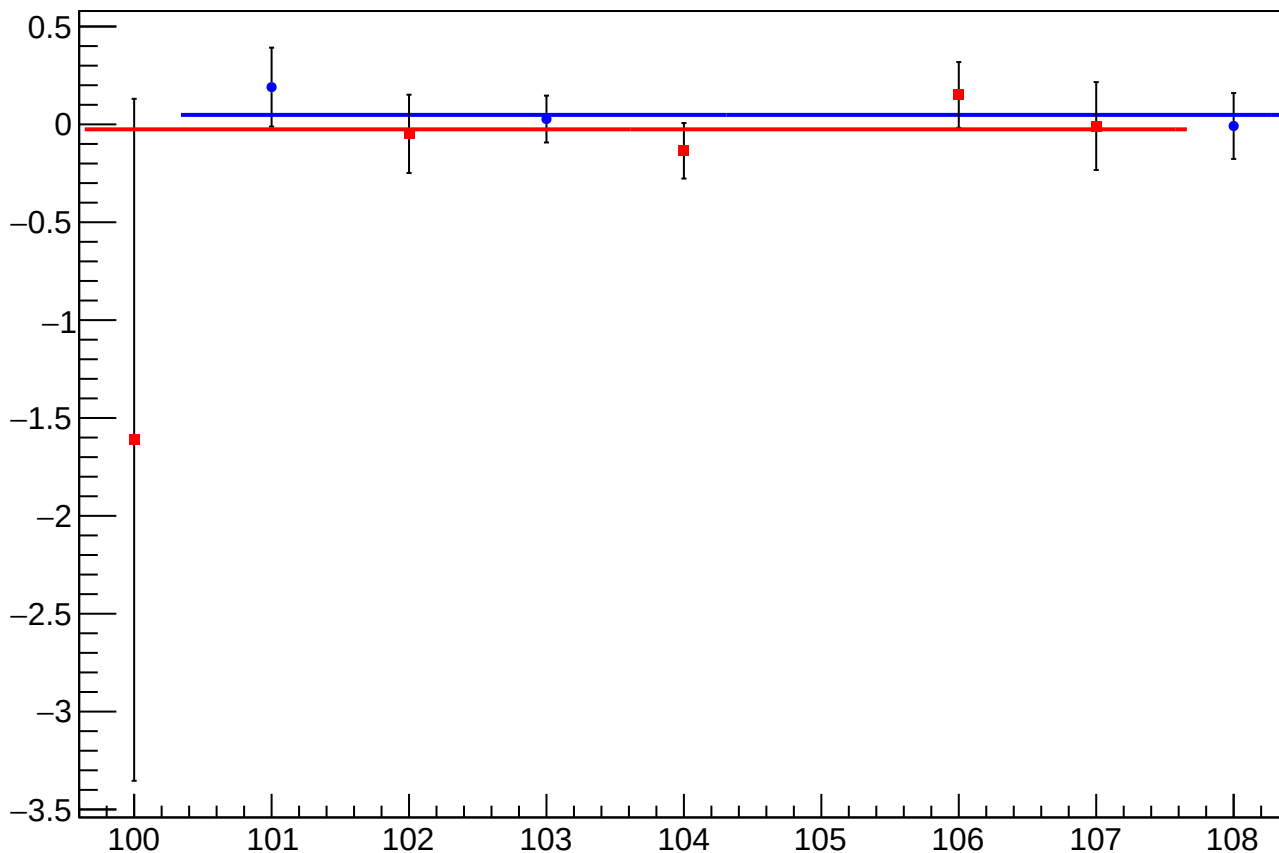
Right: 0.000+/-0.000 χ^2/NDF : 554035.3/7

In: 0.000+/-0.000 χ^2/NDF : 312216.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 554035.3/7

asym_usl_atl2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.048 $\pm$ 0.088 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.025 $\pm$ 0.088 χ^2 /NDF: 2.5/4

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

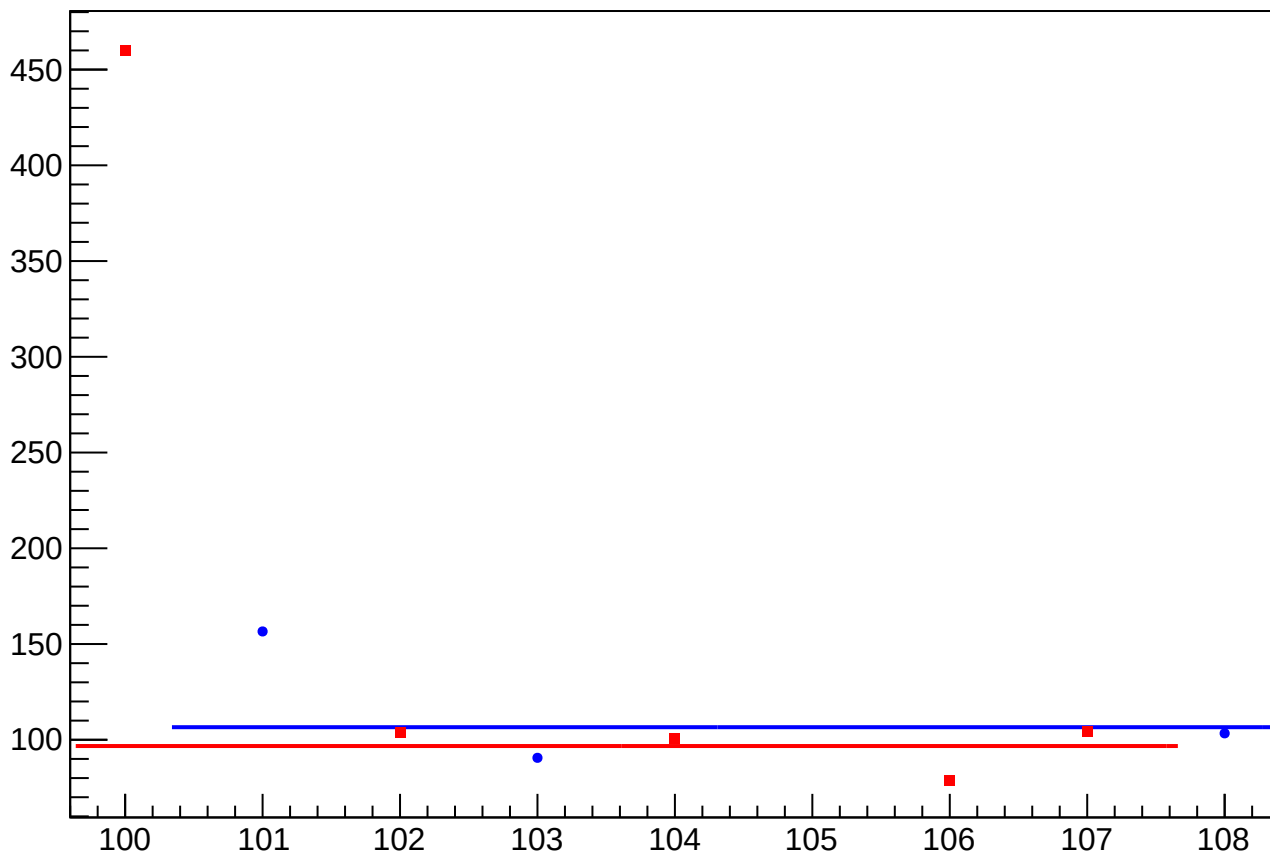
Right: 0.012 $\pm$ 0.062 χ^2 /NDF: 3.5/7

In: 0.048 $\pm$ 0.088 χ^2 /NDF: 0.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.012 $\pm$ 0.062 χ^2 /NDF: 3.5/7

asym_usl_atl2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 106.569+/-0.062 χ^2/NDF : 159550.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.732+/-0.062 χ^2/NDF : 116367.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

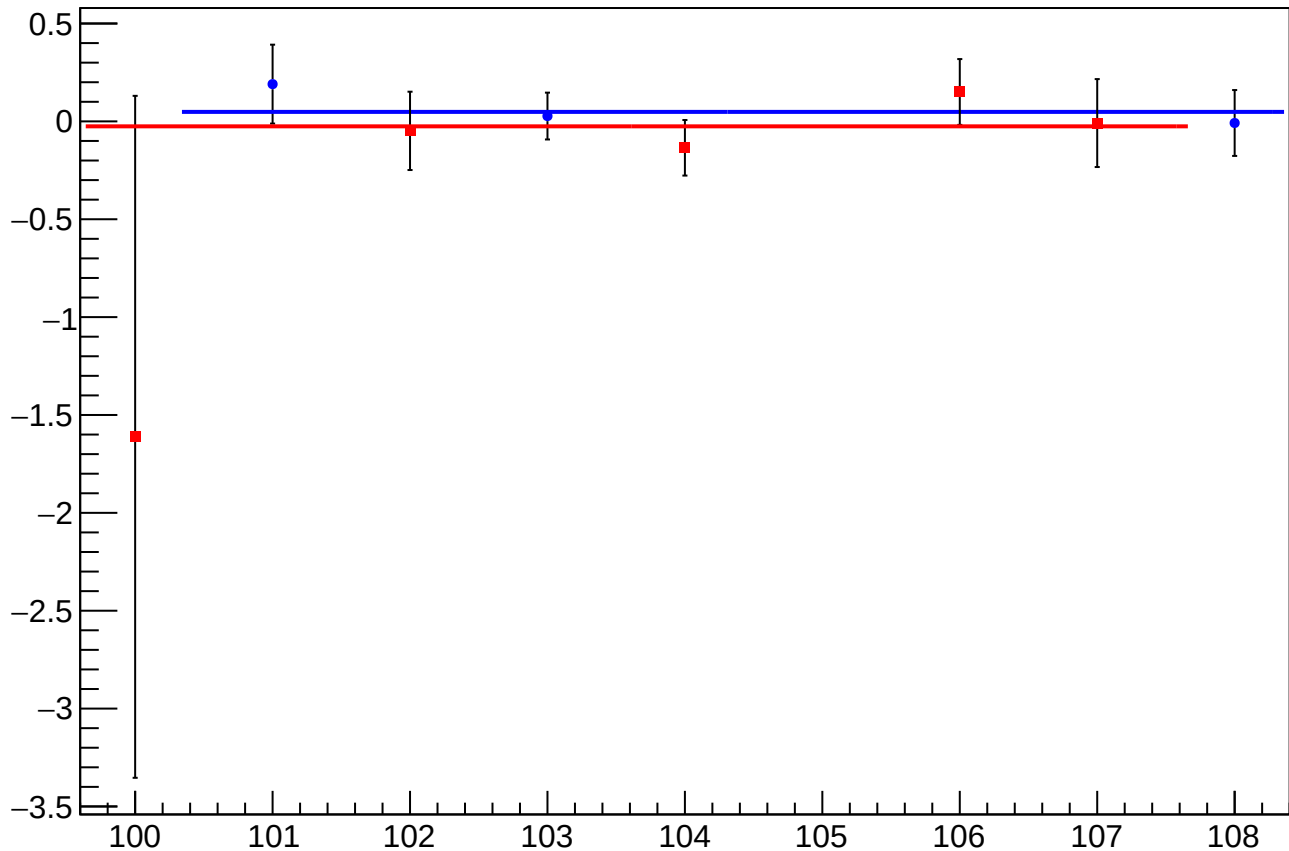
Right: 101.644+/-0.044 χ^2/NDF : 288496.4/7

In: 106.569+/-0.062 χ^2/NDF : 159550.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.644+/-0.044 χ^2/NDF : 288496.4/7

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.048+/-0.088 χ^2/NDF : 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.025+/-0.088 χ^2/NDF : 2.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

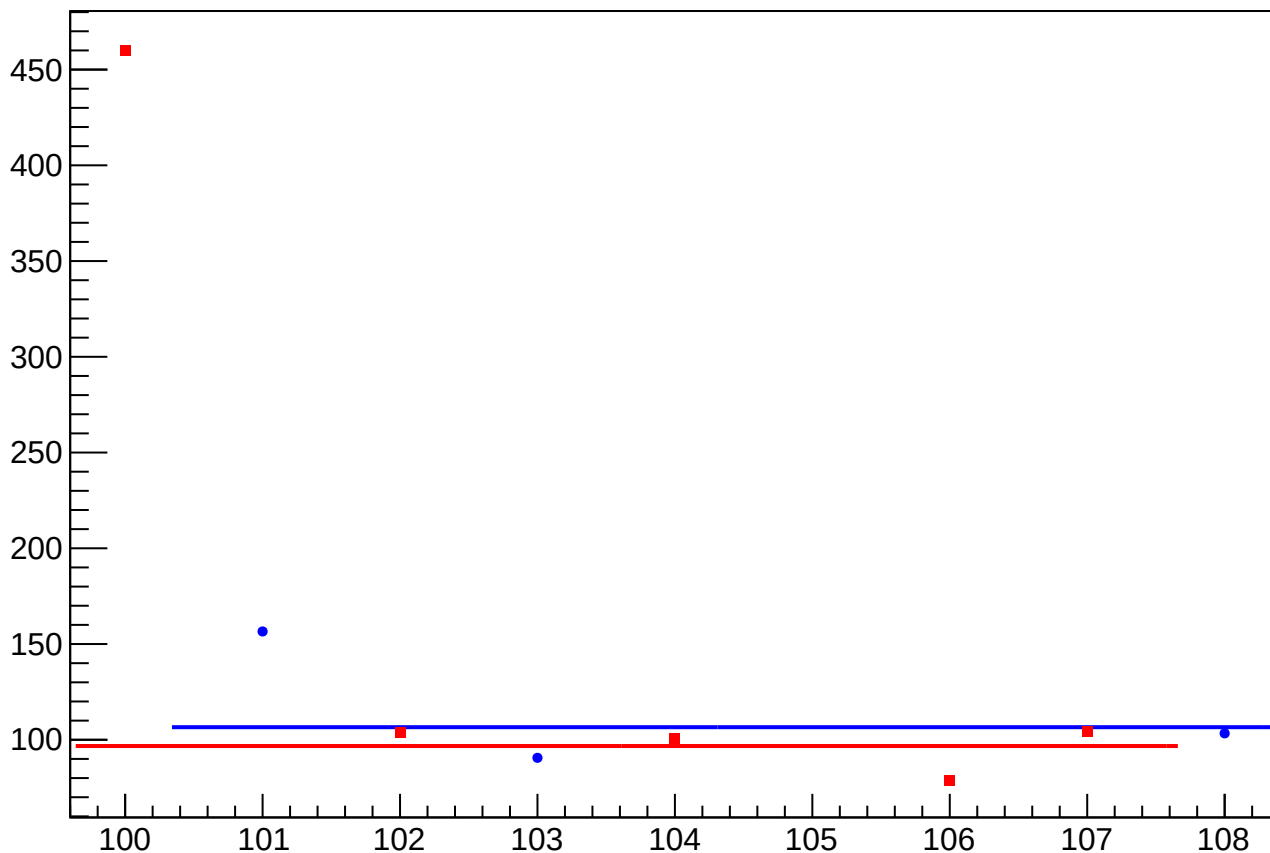
Right: 0.012+/-0.062 χ^2/NDF : 3.5/7

In: 0.048+/-0.088 χ^2/NDF : 0.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.062 χ^2/NDF : 3.5/7

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 106.569+/-0.062 χ^2/NDF : 159550.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.732+/-0.062 χ^2/NDF : 116367.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

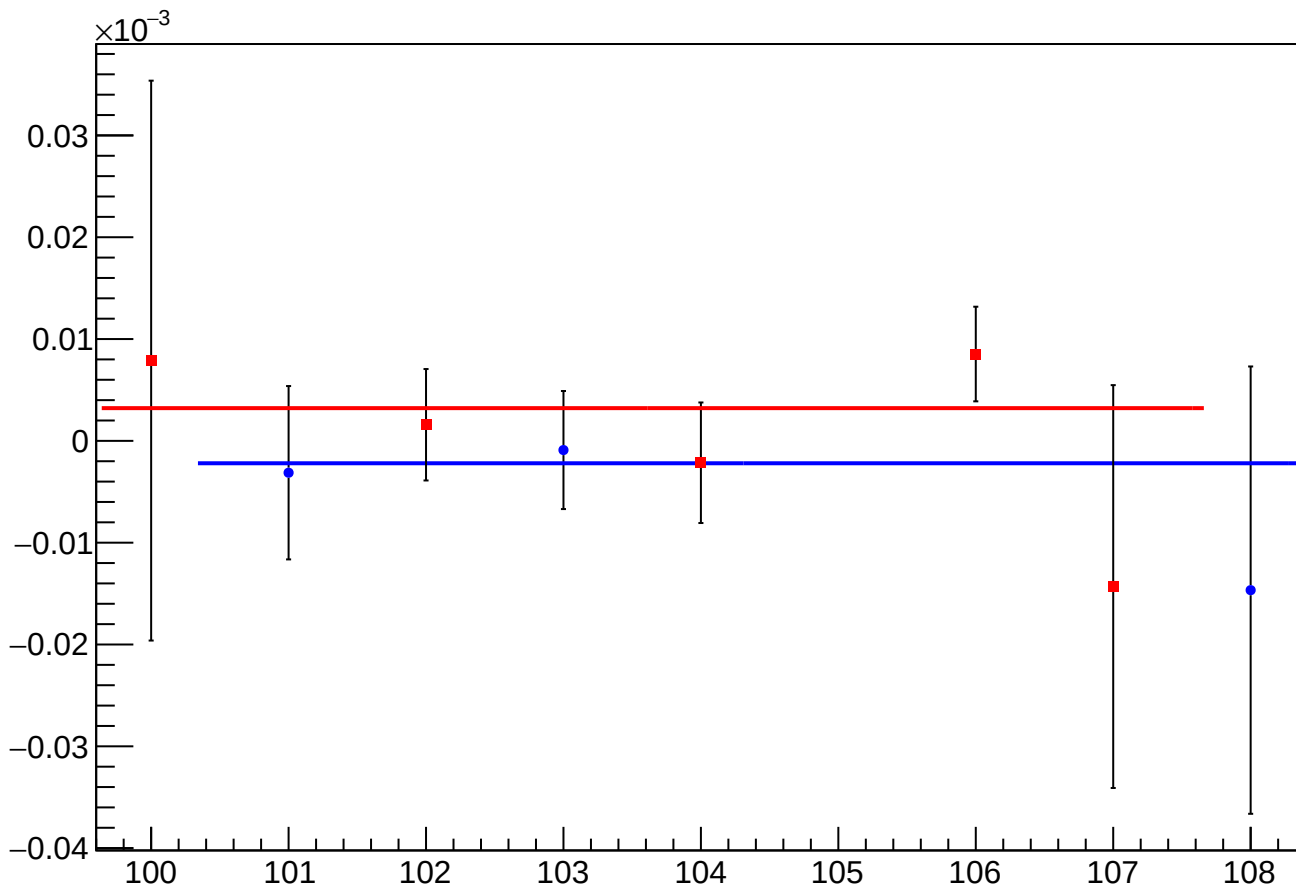
Right: 101.644+/-0.044 χ^2/NDF : 288496.4/7

In: 106.569+/-0.062 χ^2/NDF : 159550.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.644+/-0.044 χ^2/NDF : 288496.4/7

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

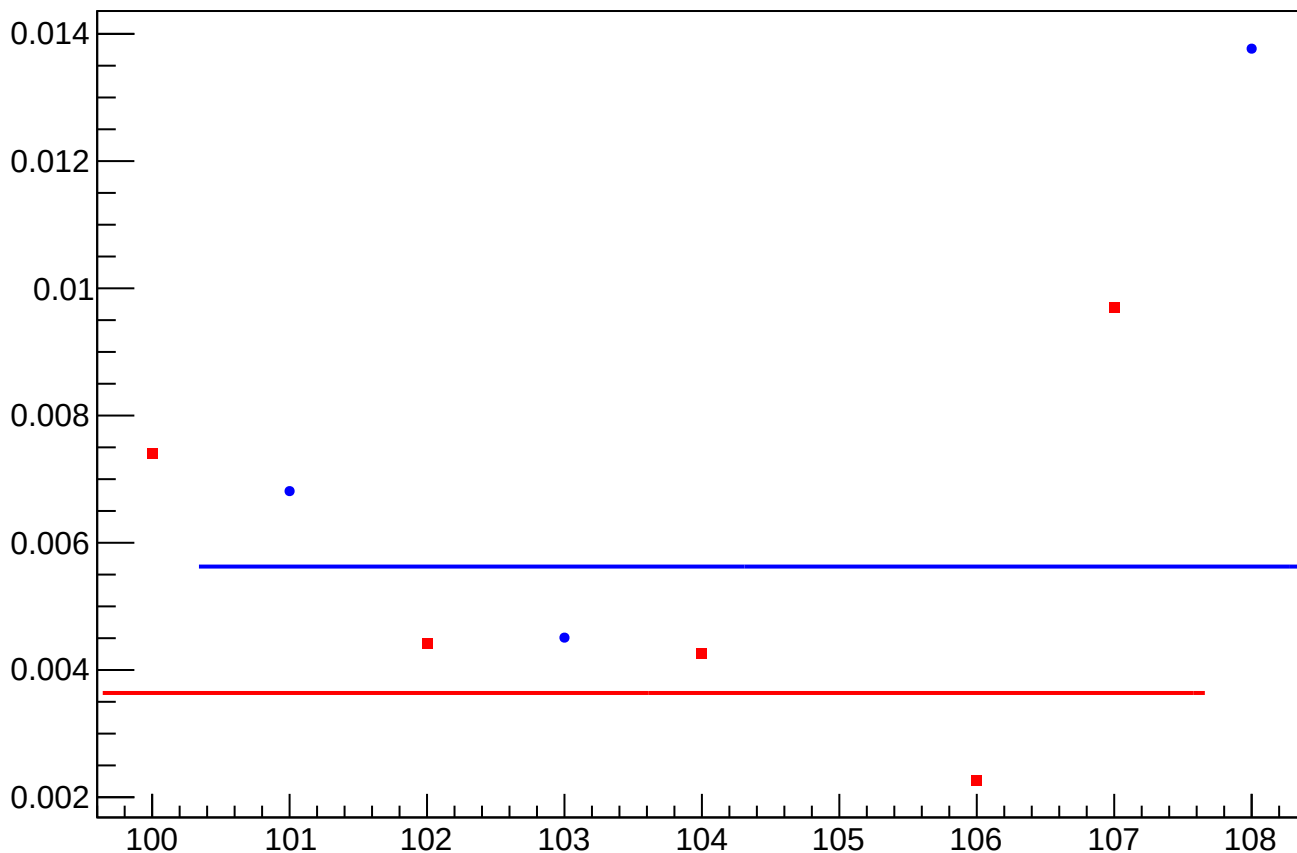
Right: 0.000+/-0.000 χ^2/NDF : 4.4/7

In: -0.000+/-0.000 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.4/7

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 387831.8/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 462361.0/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

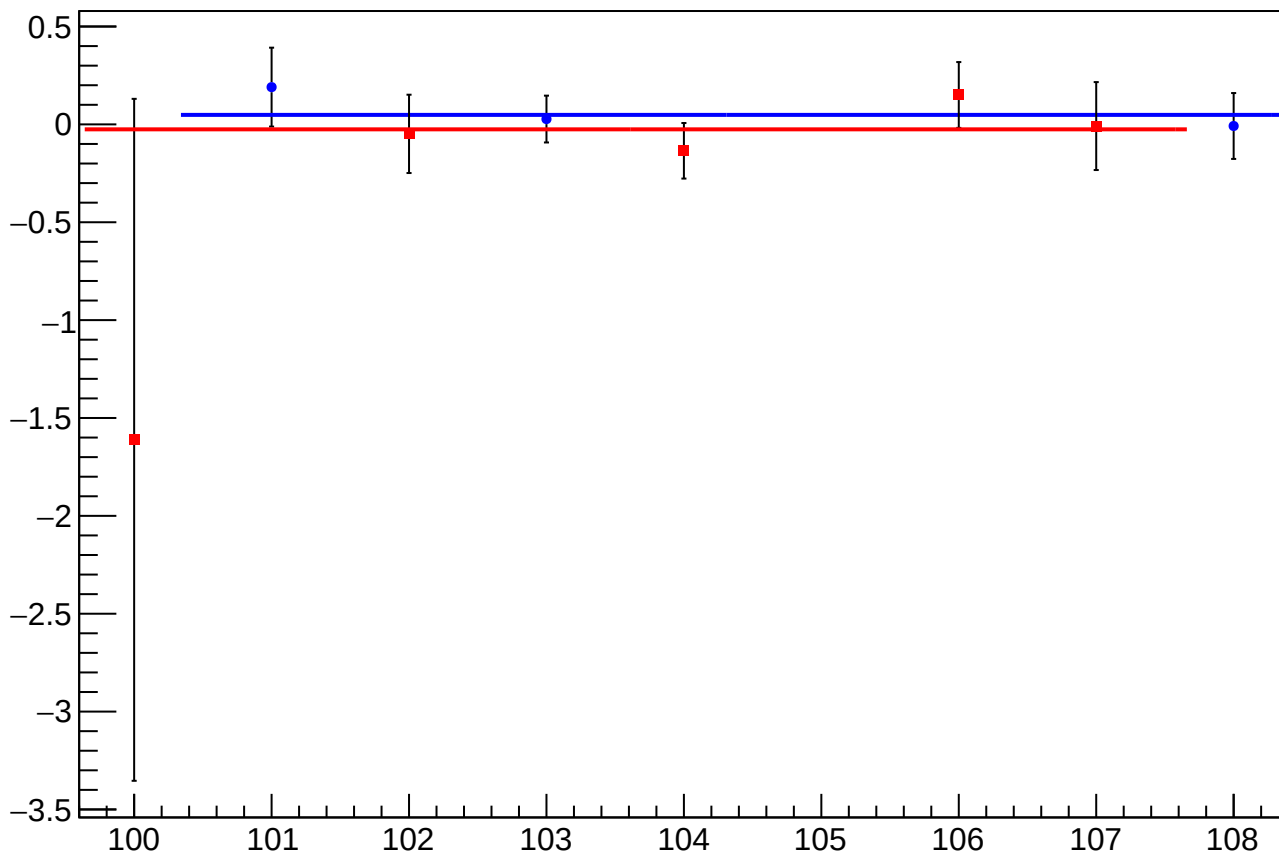
Right: 0.004+/-0.000 χ^2/NDF : 1106311.2/7

In: 0.006+/-0.000 χ^2/NDF :387831.8/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 1106311.2/7

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.048 $\pm$ 0.088 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.025 $\pm$ 0.088 χ^2 /NDF: 2.5/4

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

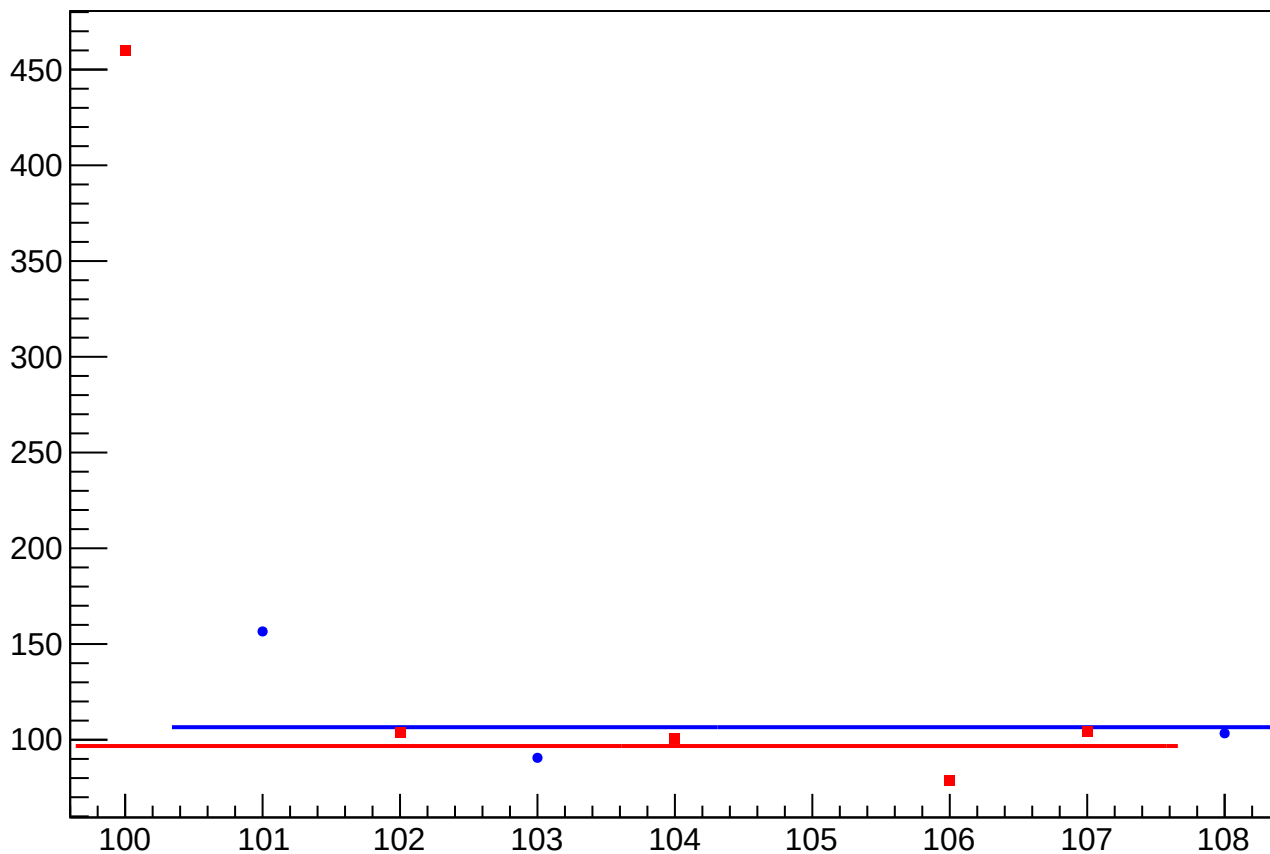
Right: 0.012 $\pm$ 0.062 χ^2 /NDF: 3.5/7

In: 0.048 $\pm$ 0.088 χ^2 /NDF:0.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.012 $\pm$ 0.062 χ^2 /NDF: 3.5/7

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 106.573+/-0.062 χ^2/NDF : 159526.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.732+/-0.062 χ^2/NDF : 116366.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

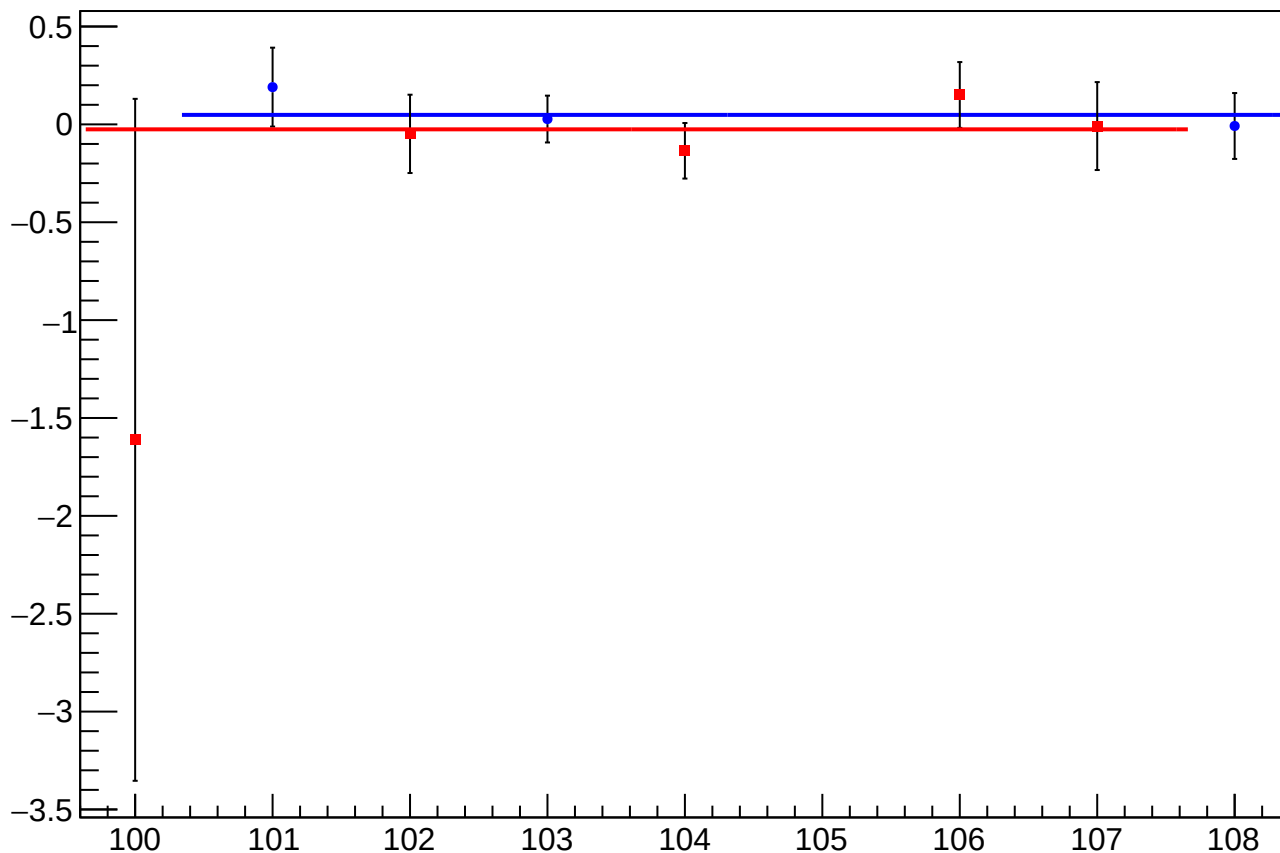
Right: 101.646+/-0.044 χ^2/NDF : 288480.4/7

In: 106.573+/-0.062 χ^2/NDF : 159526.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.646+/-0.044 χ^2/NDF : 288480.4/7

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.048 $\pm$ 0.088 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.025 $\pm$ 0.088 χ^2 /NDF: 2.5/4

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

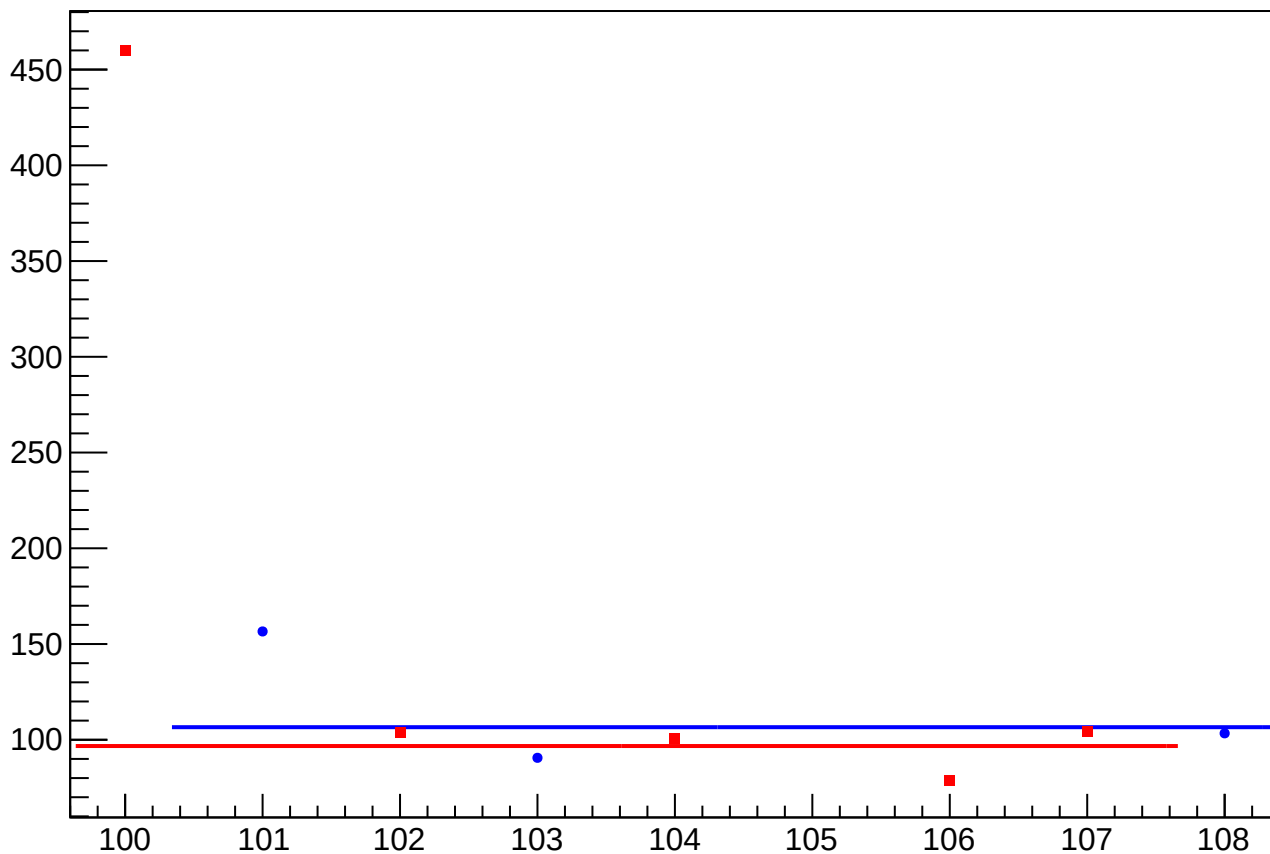
Right: 0.012 $\pm$ 0.062 χ^2 /NDF: 3.5/7

In: 0.048 $\pm$ 0.088 χ^2 /NDF: 0.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.012 $\pm$ 0.062 χ^2 /NDF: 3.5/7

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 106.573+/-0.062 χ^2/NDF : 159526.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.732+/-0.062 χ^2/NDF : 116366.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

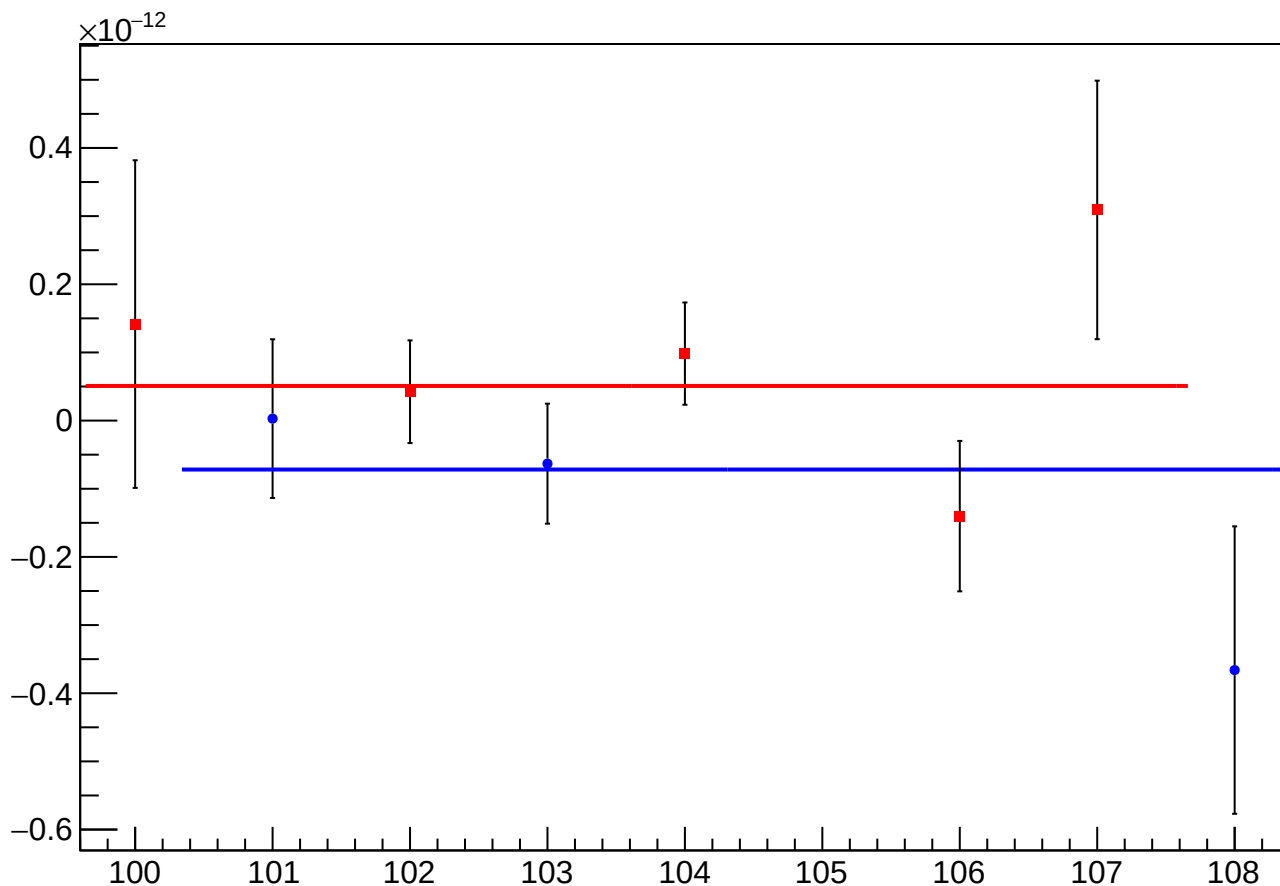
Right: 101.646+/-0.044 χ^2/NDF : 288480.4/7

In: 106.573+/-0.062 χ^2/NDF : 159526.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.646+/-0.044 χ^2/NDF : 288480.4/7

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

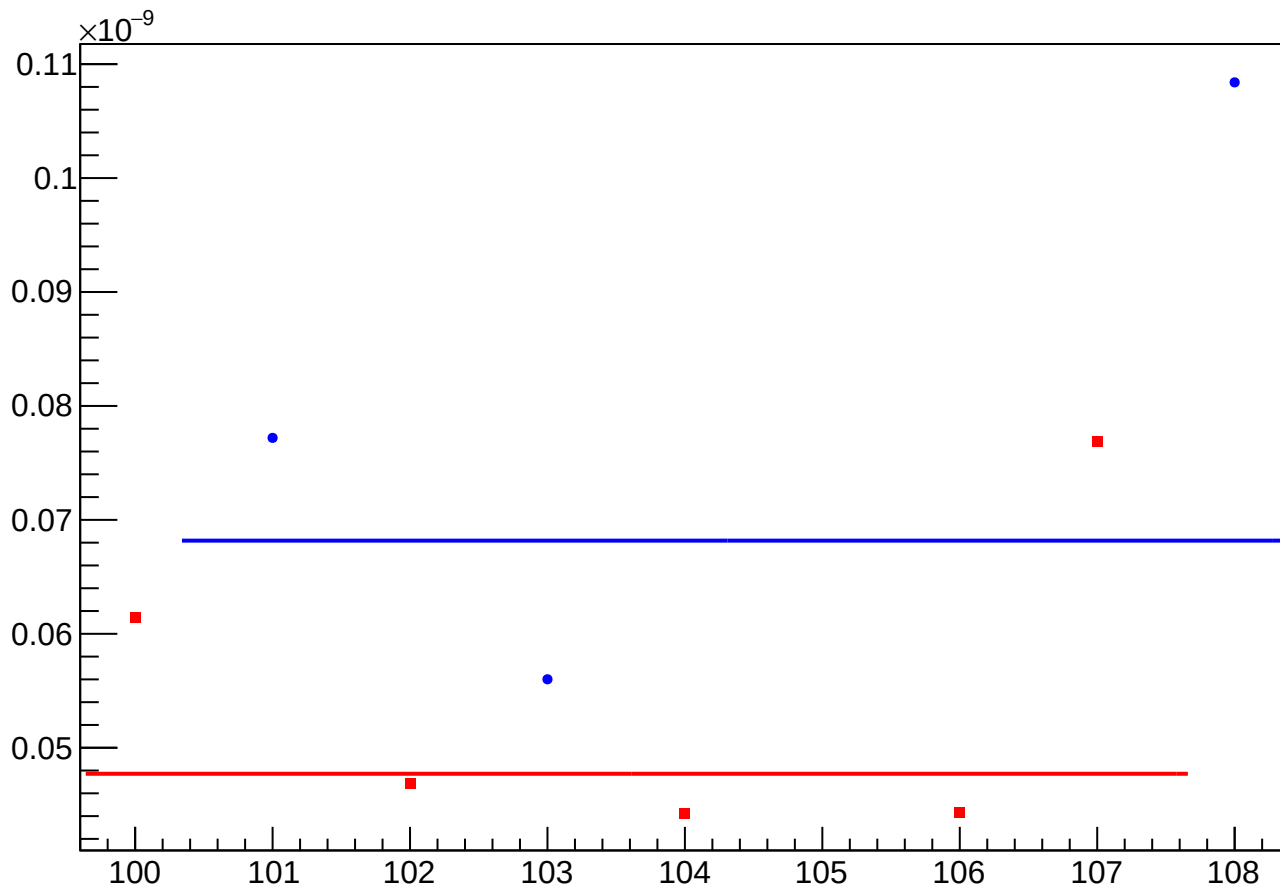
Right: 0.000+/-0.000 χ^2/NDF : 10.1/7

In: -0.000+/-0.000 χ^2/NDF : 2.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.1/7

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 122972.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 60296.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

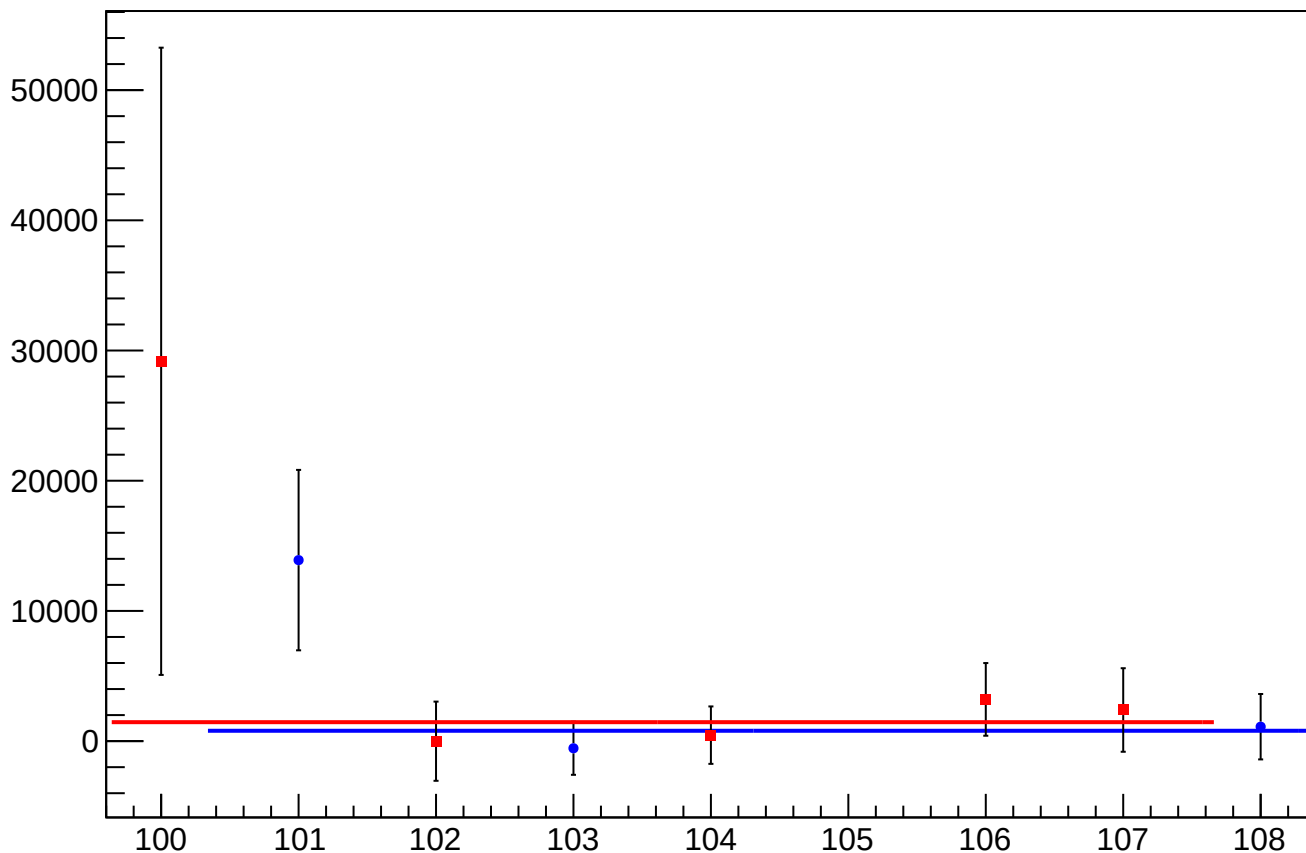
Right: 0.000+/-0.000 χ^2/NDF : 311760.9/7

In: 0.000+/-0.000 χ^2/NDF : 122972.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 311760.9/7

reg_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 795.347+/-1544.025 χ^2/NDF : 4.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1455.900+/-1359.535 χ^2/NDF : 2.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

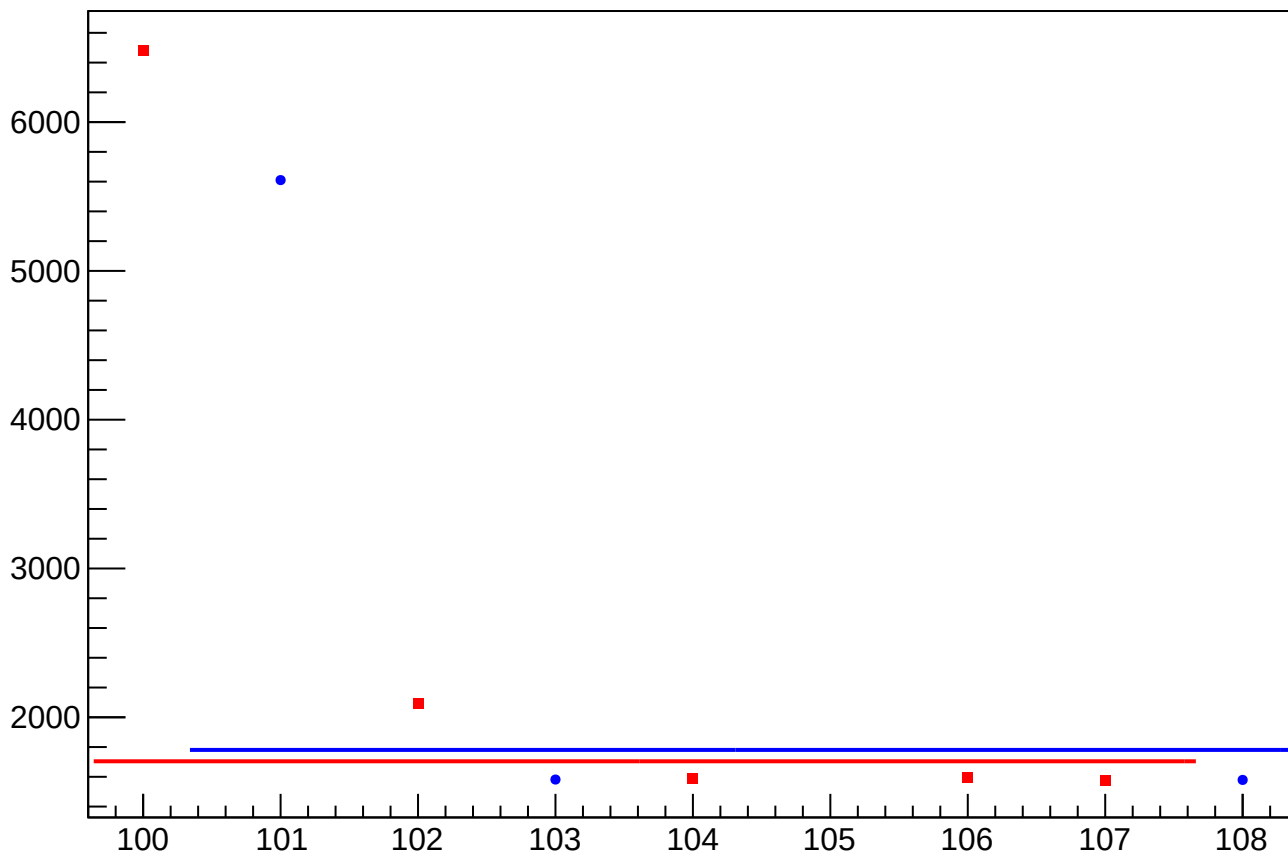
Right: 1167.426+/-1020.361 χ^2/NDF : 6.4/7

In: 795.347+/-1544.025 χ^2/NDF : 4.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1167.426+/-1020.361 χ^2/NDF : 6.4/7

reg_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1780.734+/-1.092 χ^2/NDF : 642886.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1704.265+/-0.961 χ^2/NDF : 123640.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

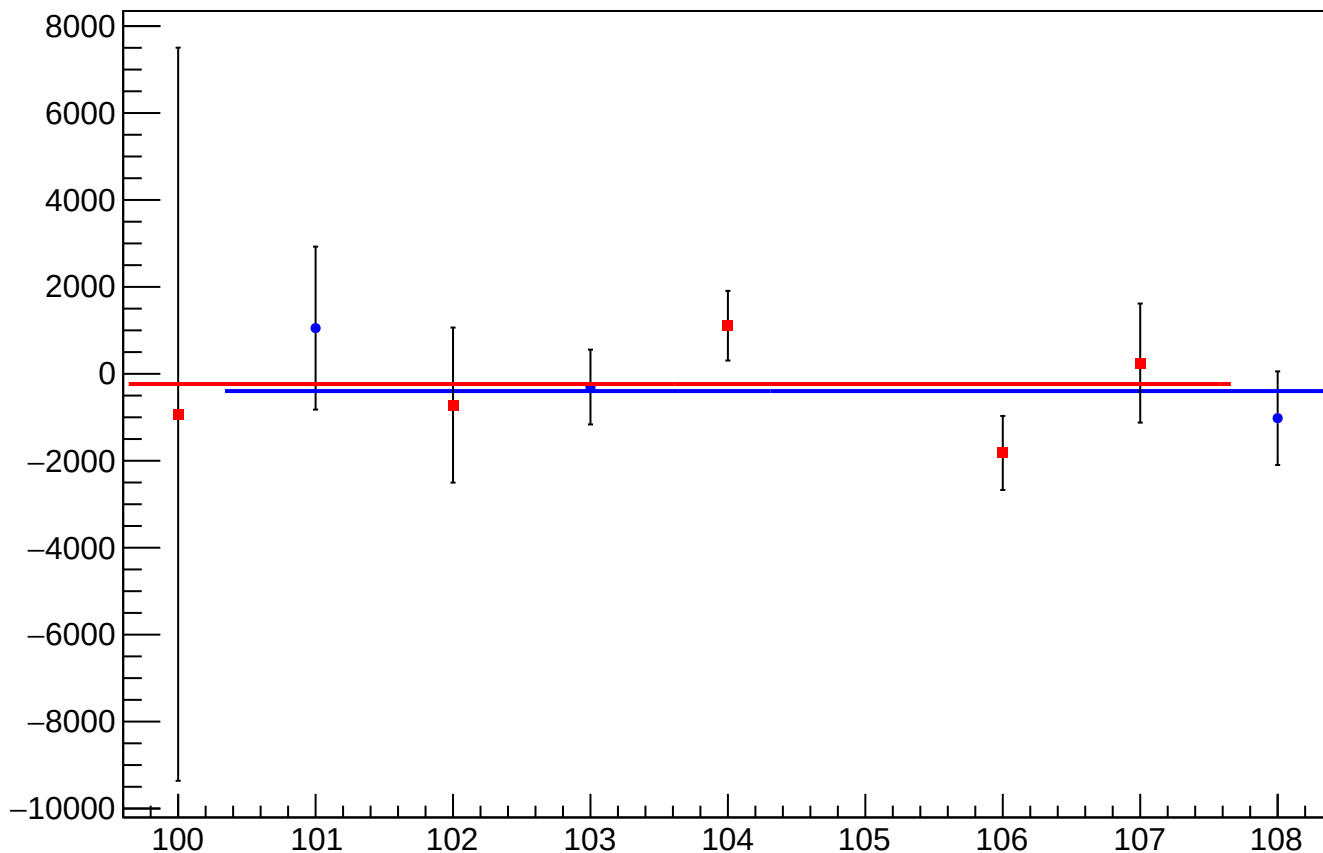
Right: 1737.660+/-0.722 χ^2/NDF : 769290.4/7

In: 1780.734+/-1.092 χ^2/NDF : 642886.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1737.660+/-0.722 χ^2/NDF : 769290.4/7

asym_usr_atr1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -396.442+/-632.760 χ^2 /NDF: 0.9/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -234.472+/-513.131 χ^2 /NDF: 6.5/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

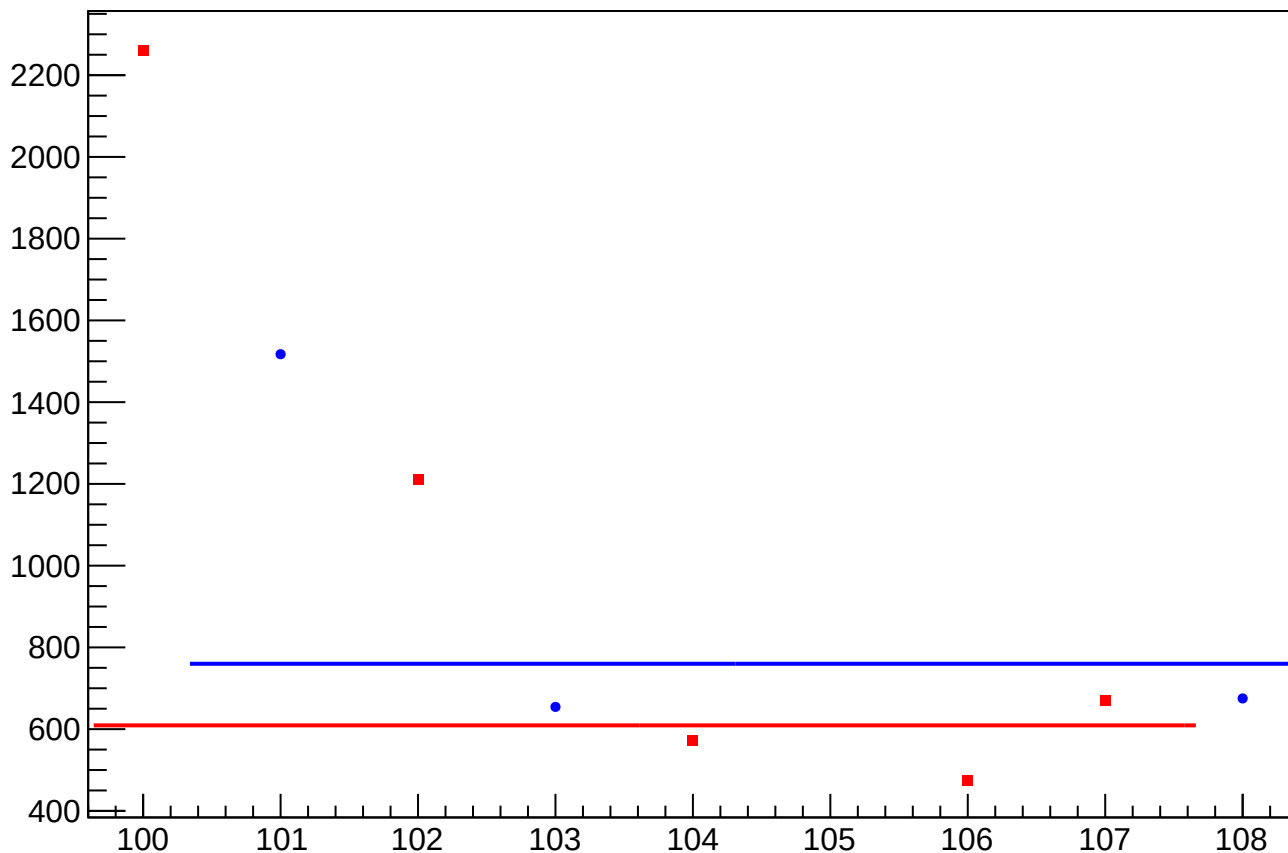
Right: -298.730+/-398.552 χ^2 /NDF: 7.5/7

In: -396.442+/-632.760 χ^2 /NDF:0.9/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -298.730+/-398.552 χ^2 /NDF: 7.5/7

asym_usr_atr1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 759.912+/-0.447 χ^2/NDF : 369016.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 609.245+/-0.363 χ^2/NDF : 362140.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

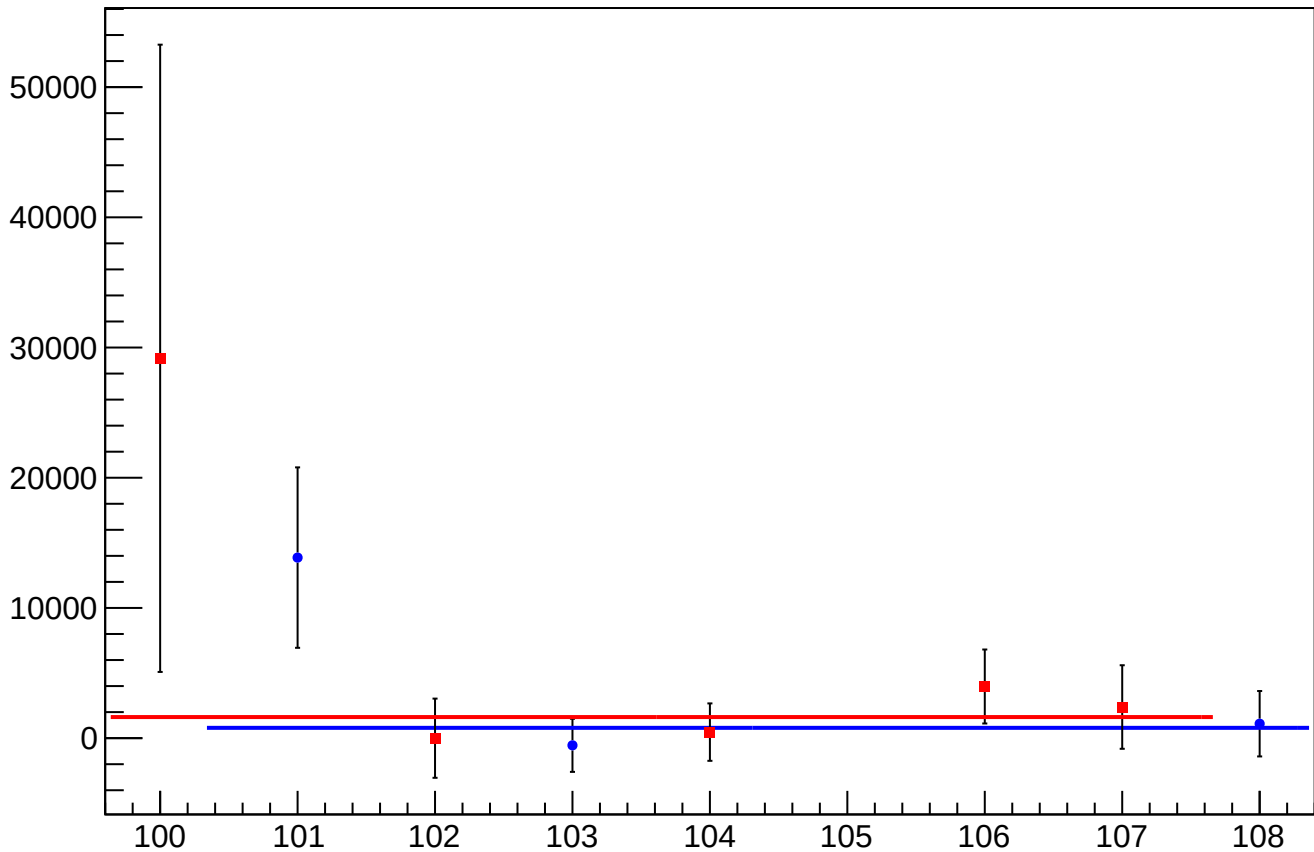
Right: 669.019+/-0.282 χ^2/NDF : 799564.3/7

In: 759.912+/-0.447 χ^2/NDF : 369016.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 669.019+/-0.282 χ^2/NDF : 799564.3/7

cor_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 792.201+/-1544.027 χ^2/NDF : 4.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1619.693+/-1365.121 χ^2/NDF : 2.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

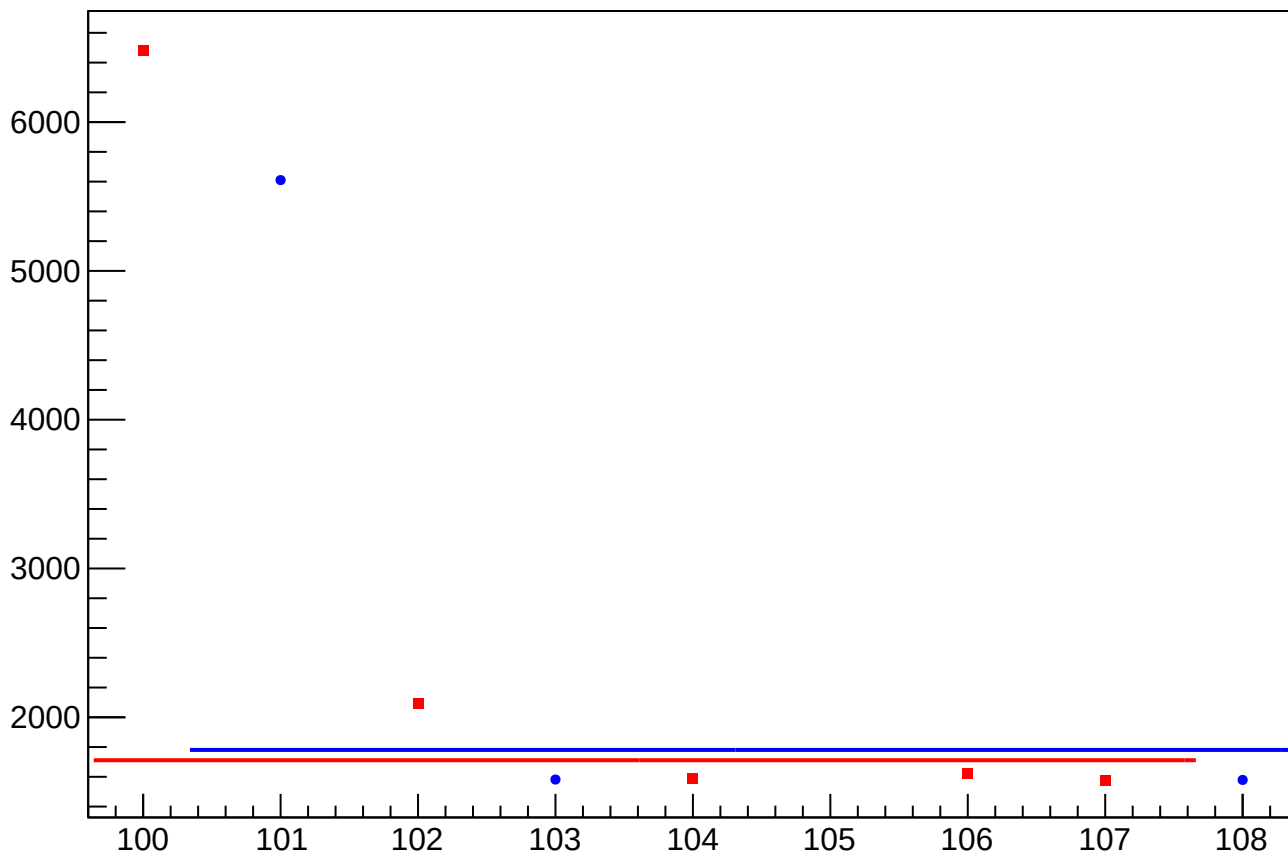
Right: 1256.644+/-1022.717 χ^2/NDF : 6.8/7

In: 792.201+/-1544.027 χ^2/NDF : 4.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1256.644+/-1022.717 χ^2/NDF : 6.8/7

cor_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1780.734+/-1.092 χ^2/NDF : 642886.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1711.297+/-0.965 χ^2/NDF : 122196.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

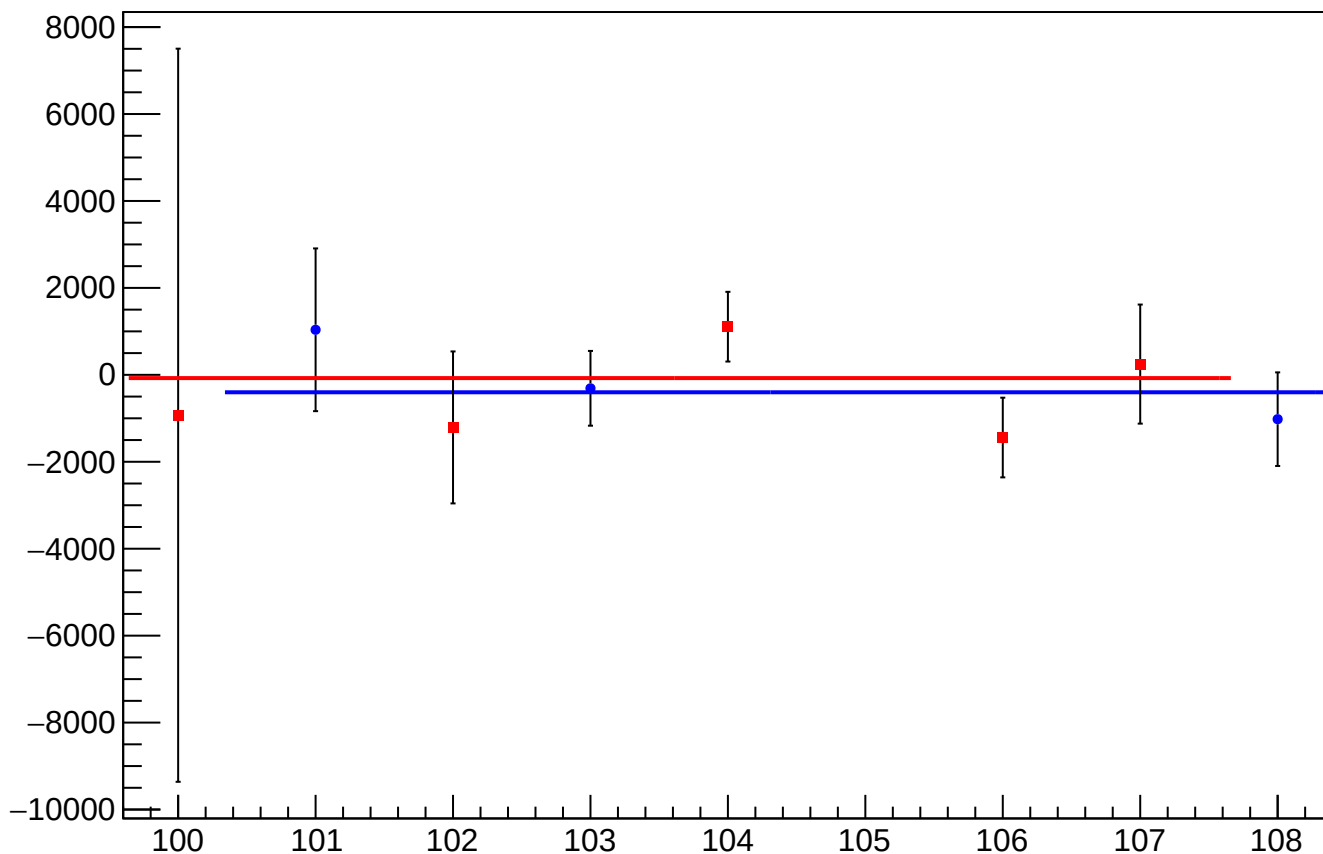
Right: 1741.761+/-0.723 χ^2/NDF : 767352.9/7

In: 1780.734+/-1.092 χ^2/NDF : 642886.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1741.761+/-0.723 χ^2/NDF : 767352.9/7

asym_usr_atr1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -401.211+/-632.467 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -74.835+/-525.630 χ^2/NDF : 4.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

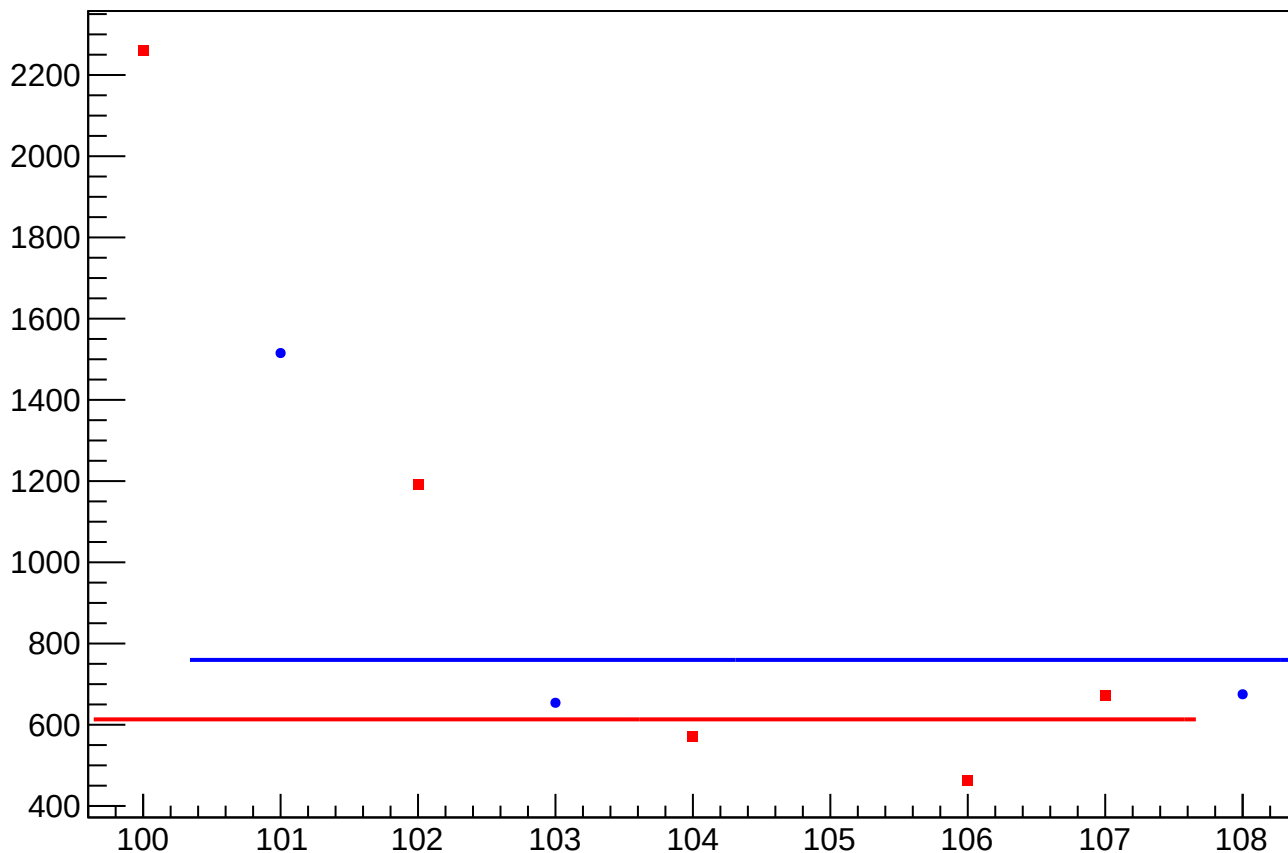
Right: -208.168+/-404.248 χ^2/NDF : 6.0/7

In: -401.211+/-632.467 χ^2/NDF : 0.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -208.168+/-404.248 χ^2/NDF : 6.0/7

asym_usr_atr1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 759.682 $\pm$ 0.447 χ^2 /NDF: 368388.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 613.251 $\pm$ 0.372 χ^2 /NDF: 357465.0/4

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

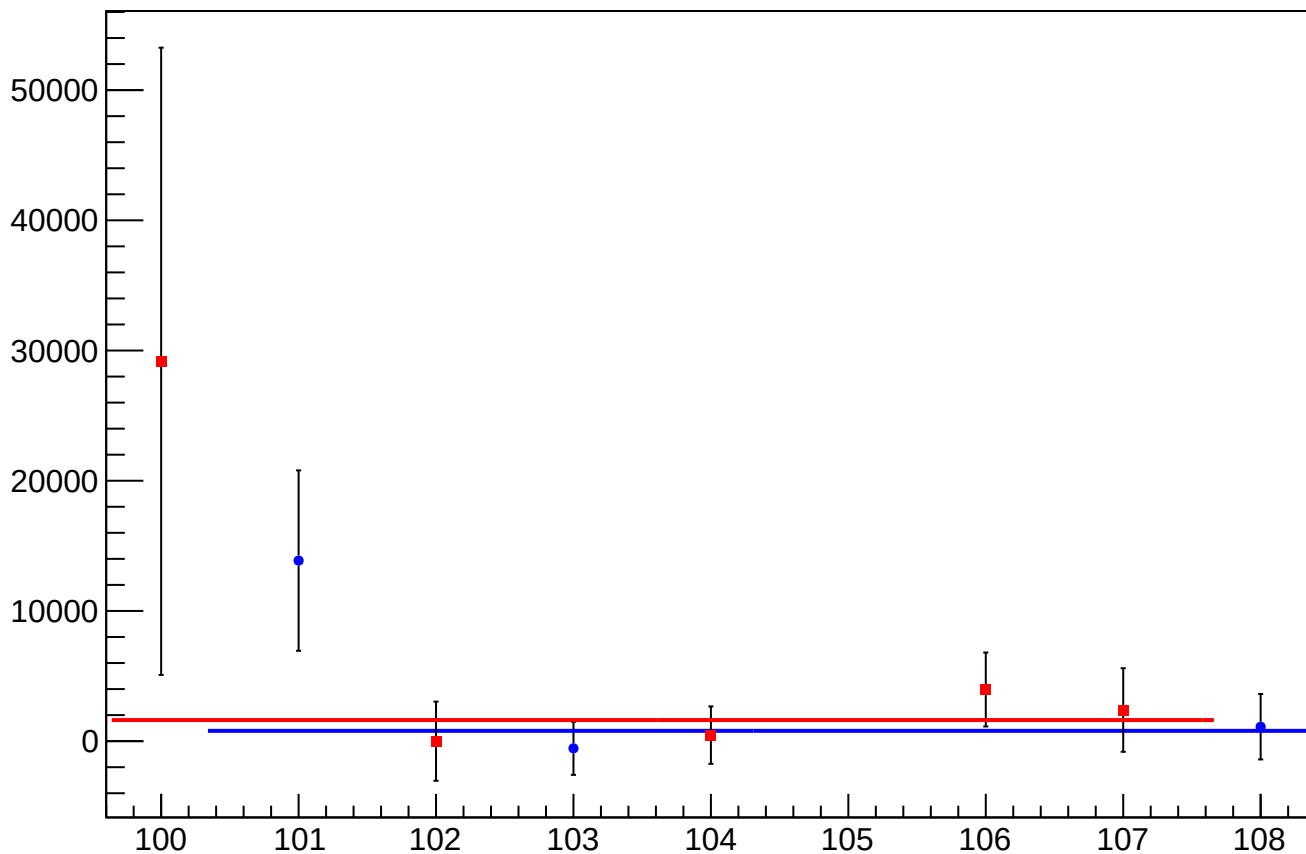
Right: 673.072 $\pm$ 0.286 χ^2 /NDF: 789262.6/7

In: 759.682 $\pm$ 0.447 χ^2 /NDF:368388.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 673.072 $\pm$ 0.286 χ^2 /NDF: 789262.6/7

eigen_cor_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 792.201+/-1544.027 χ^2/NDF : 4.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1619.693+/-1365.121 χ^2/NDF : 2.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

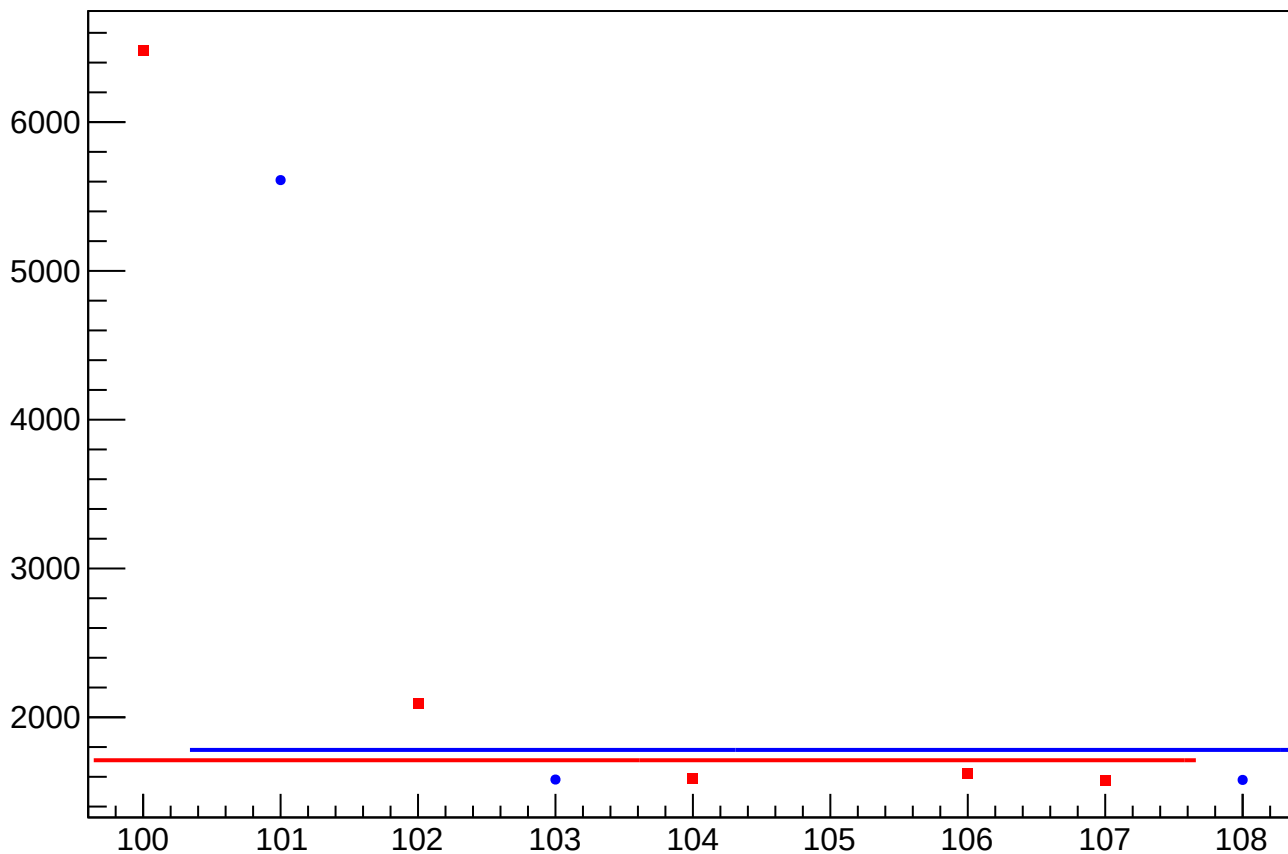
Right: 1256.644+/-1022.717 χ^2/NDF : 6.8/7

In: 792.201+/-1544.027 χ^2/NDF : 4.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1256.644+/-1022.717 χ^2/NDF : 6.8/7

eigen_cor_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1780.734+/-1.092 χ^2/NDF : 642886.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1711.297+/-0.965 χ^2/NDF : 122196.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

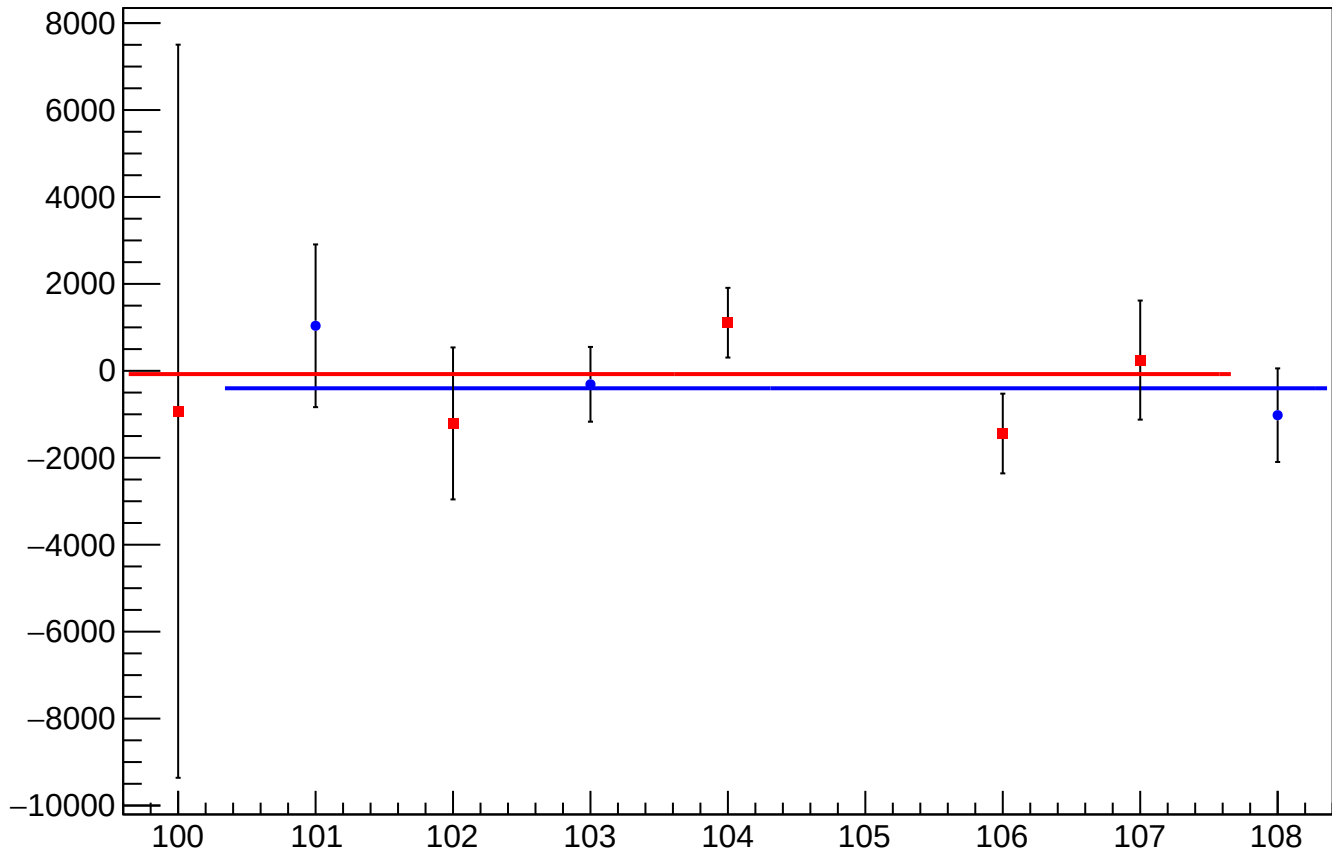
Right: 1741.761+/-0.723 χ^2/NDF : 767352.9/7

In: 1780.734+/-1.092 χ^2/NDF : 642886.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1741.761+/-0.723 χ^2/NDF : 767352.9/7

asym_usr_atr1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -401.211+/-632.467 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -74.835+/-525.630 χ^2/NDF : 4.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

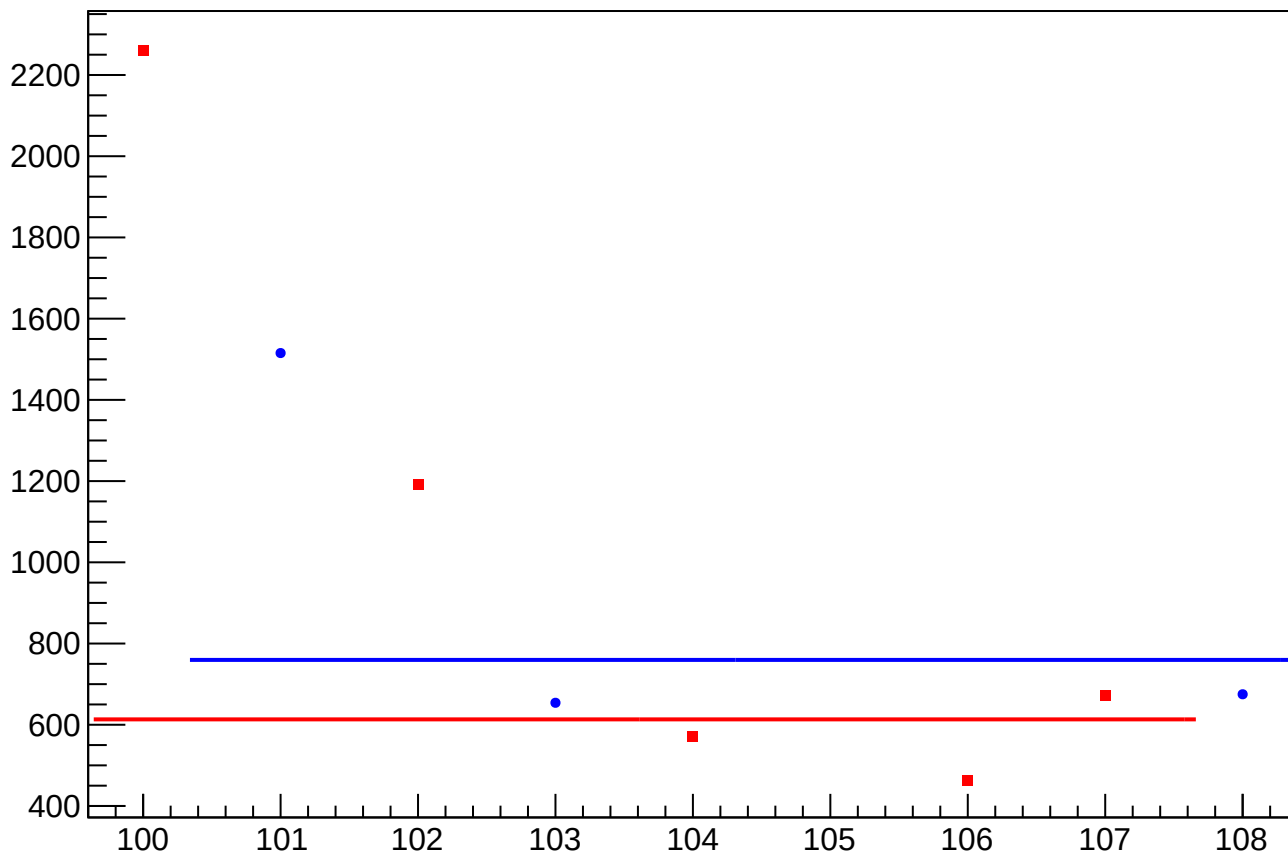
Right: -208.168+/-404.248 χ^2/NDF : 6.0/7

In: -401.211+/-632.467 χ^2/NDF : 0.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -208.168+/-404.248 χ^2/NDF : 6.0/7

asym_usr_atr1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 759.682+/-0.447 χ^2/NDF : 368388.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 613.251+/-0.372 χ^2/NDF : 357465.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

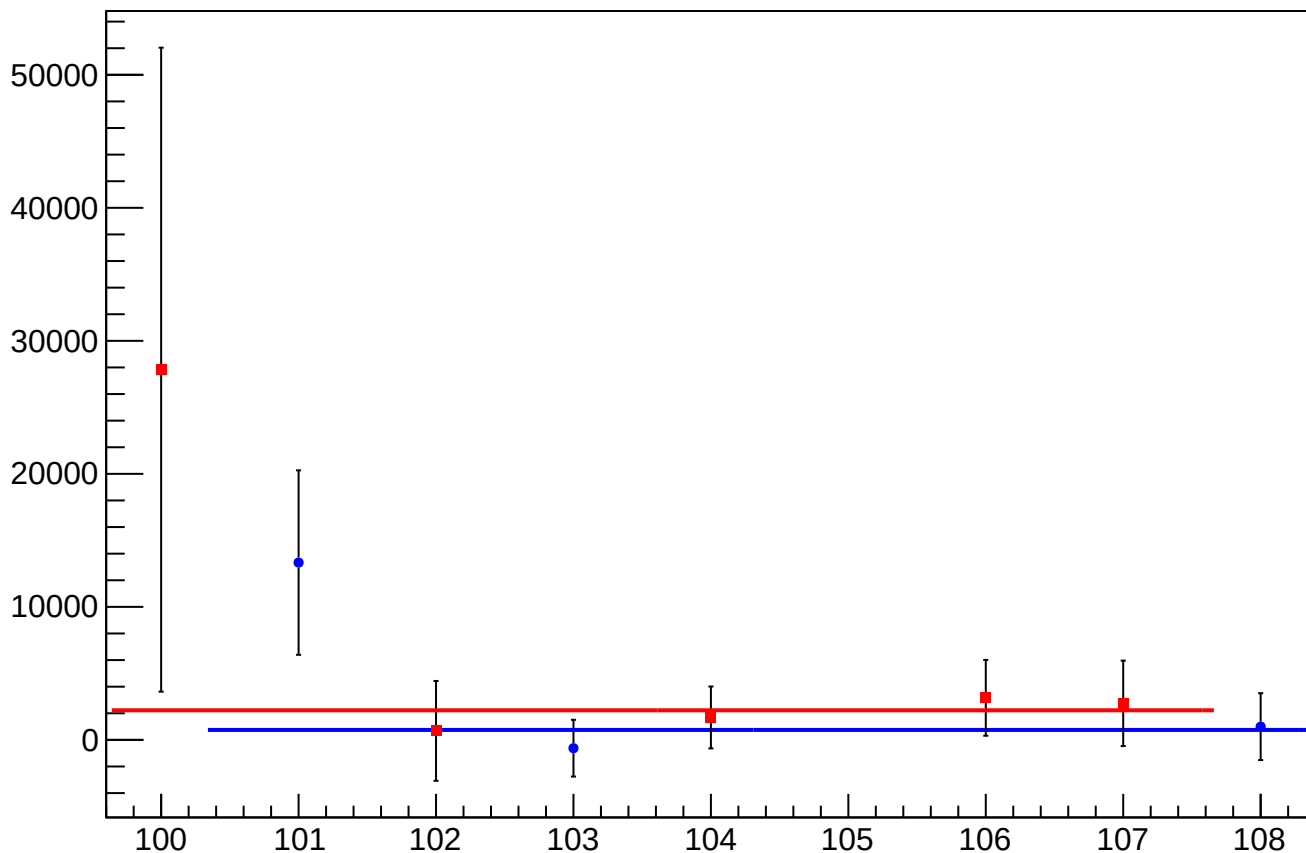
Right: 673.072+/-0.286 χ^2/NDF : 789262.6/7

In: 759.682+/-0.447 χ^2/NDF : 368388.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 673.072+/-0.286 χ^2/NDF : 789262.6/7

dit_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 747.757+/-1584.262 χ^2/NDF : 3.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2224.890+/-1447.193 χ^2/NDF : 1.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

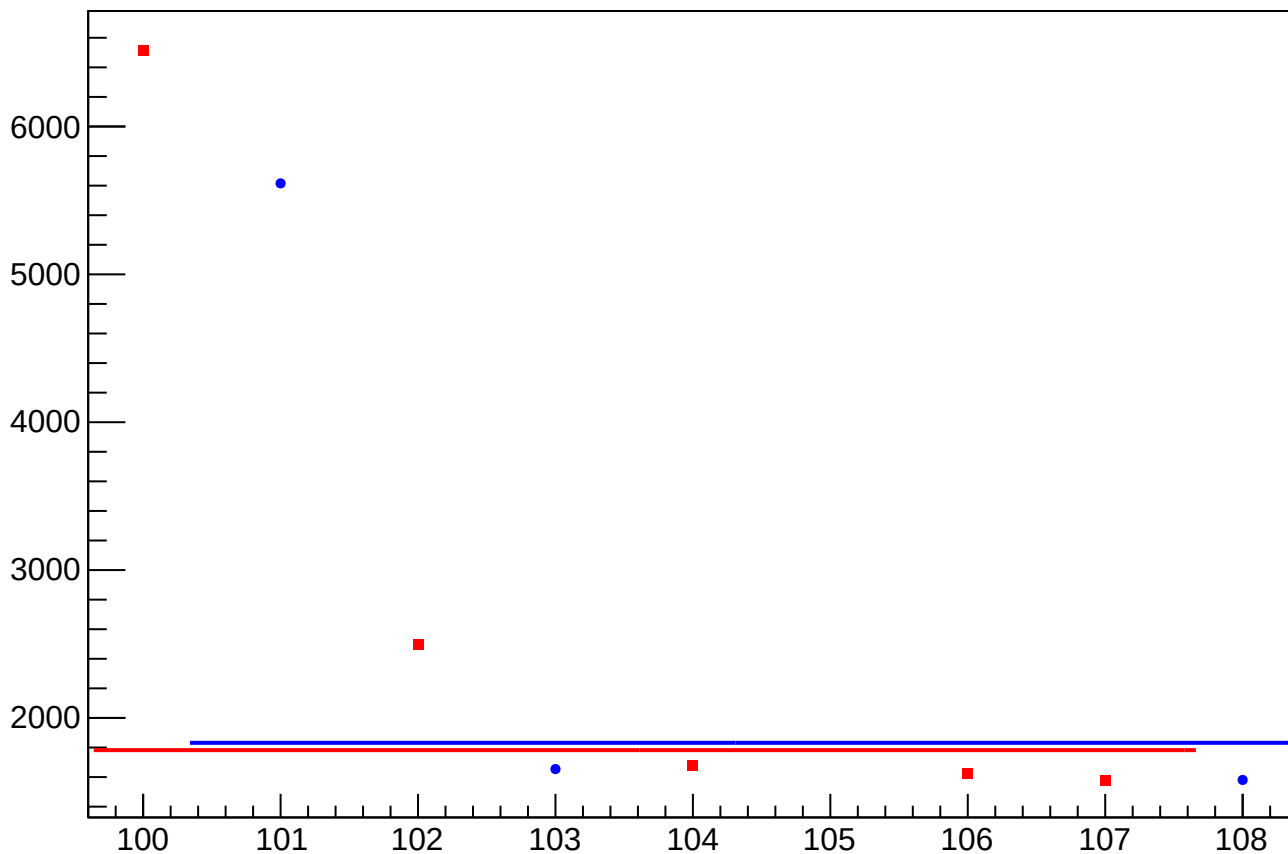
Right: 1552.977+/-1068.498 χ^2/NDF : 5.7/7

In: 747.757+/-1584.262 χ^2/NDF : 3.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1552.977+/-1068.498 χ^2/NDF : 5.7/7

dit_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1831.770+/-1.120 χ^2/NDF : 629072.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1782.261+/-1.023 χ^2/NDF : 167276.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

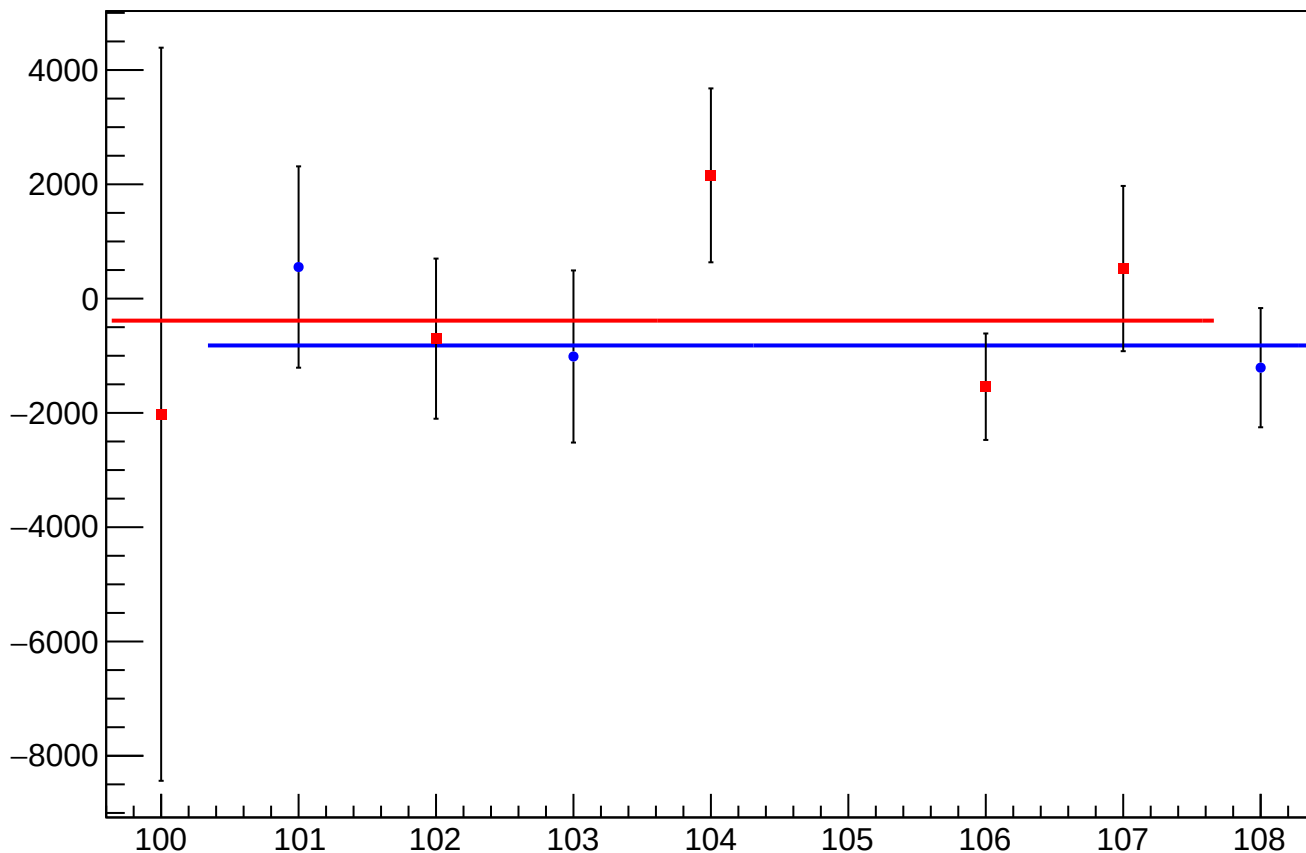
Right: 1804.781+/-0.756 χ^2/NDF : 797414.2/7

In: 1831.770+/-1.120 χ^2/NDF : 629072.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1804.781+/-0.756 χ^2/NDF : 797414.2/7

asym_usr_atr1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -819.848+/-771.020 χ^2/NDF : 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -385.287+/-620.526 χ^2/NDF : 4.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

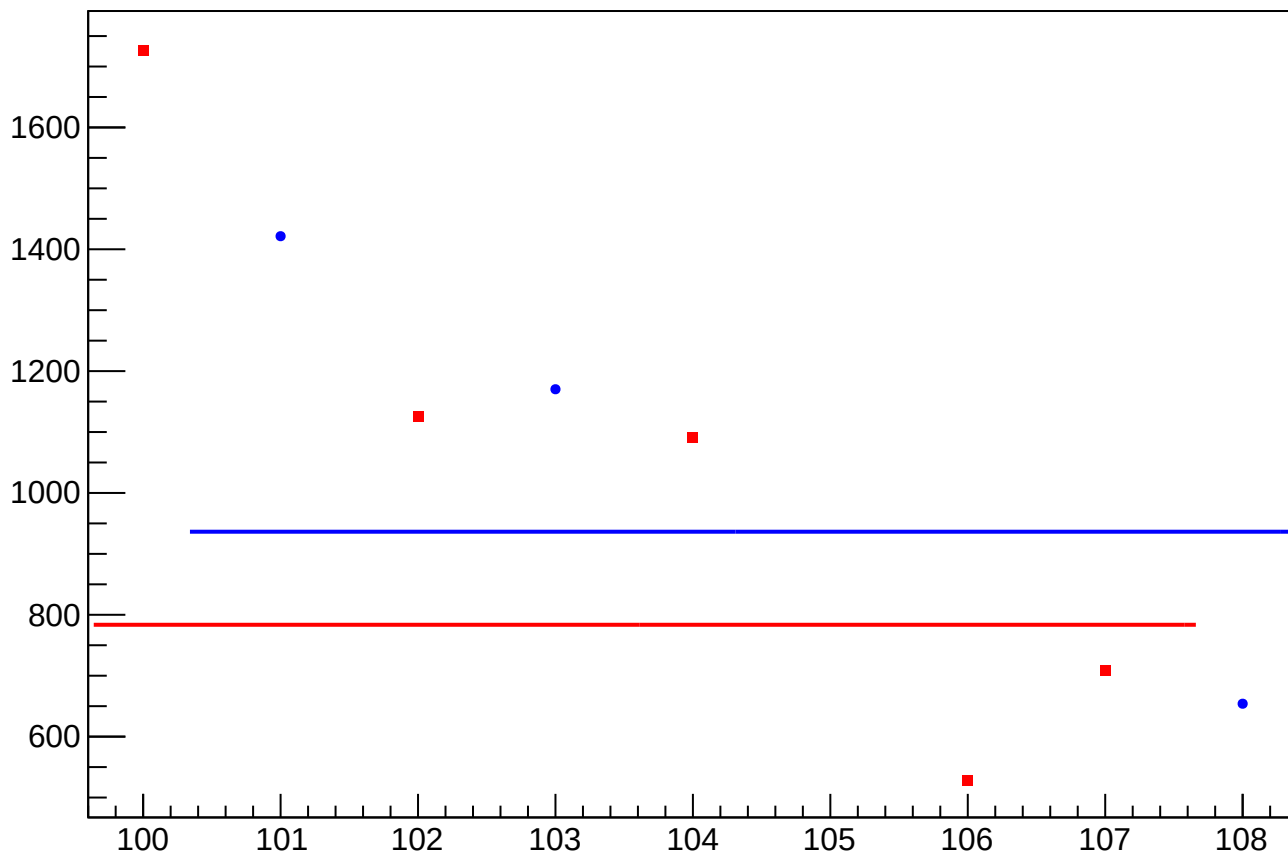
Right: -556.114+/-483.413 χ^2/NDF : 5.8/7

In: -819.848+/-771.020 χ^2/NDF : 0.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -556.114+/-483.413 χ^2/NDF : 5.8/7

asym_usr_atr1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 936.371+/-0.545 χ^2/NDF : 346426.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 783.607+/-0.439 χ^2/NDF : 400348.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

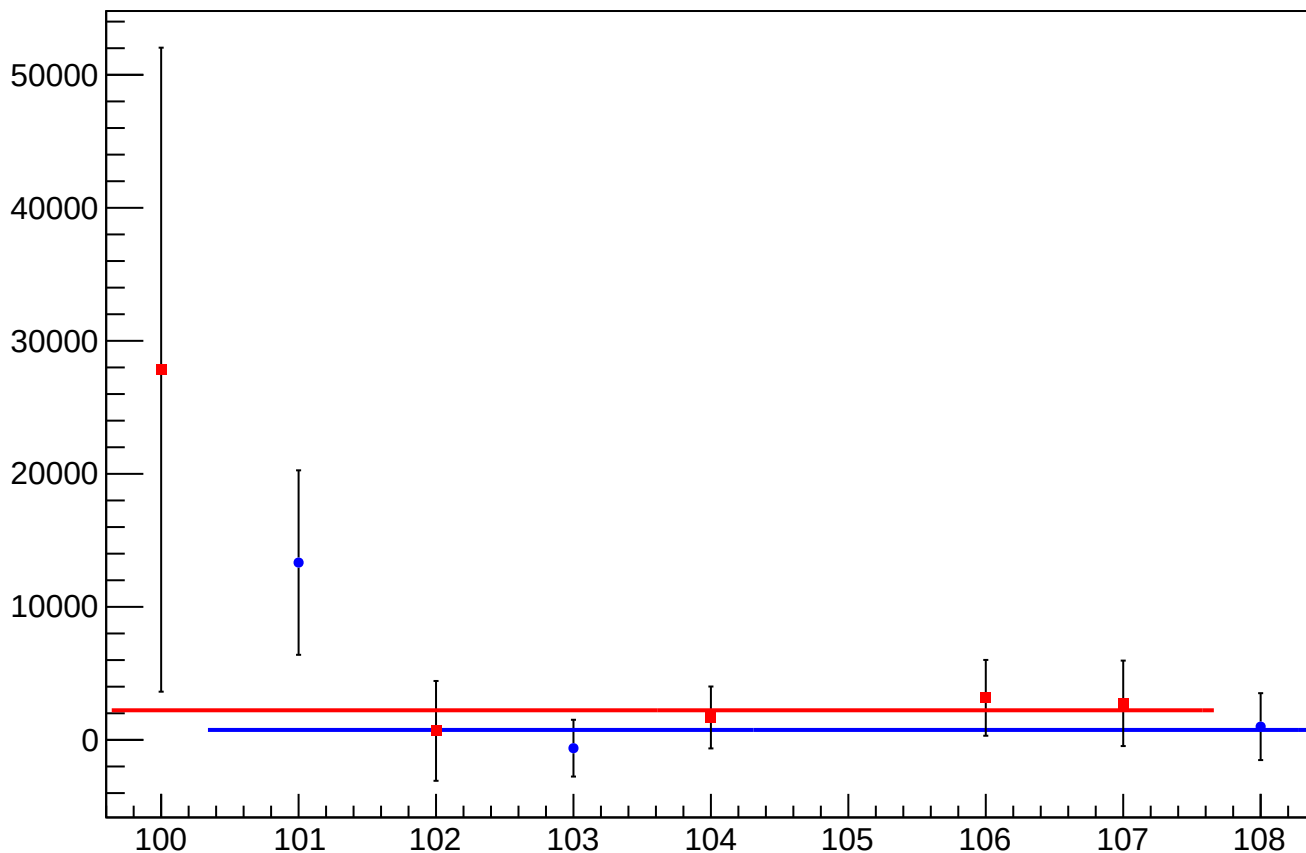
Right: 843.659+/-0.342 χ^2/NDF : 794424.0/7

In: 936.371+/-0.545 χ^2/NDF : 346426.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 843.659+/-0.342 χ^2/NDF : 794424.0/7

eigen_dit_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 747.754+/-1584.262 χ^2/NDF : 3.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2224.877+/-1447.192 χ^2/NDF : 1.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

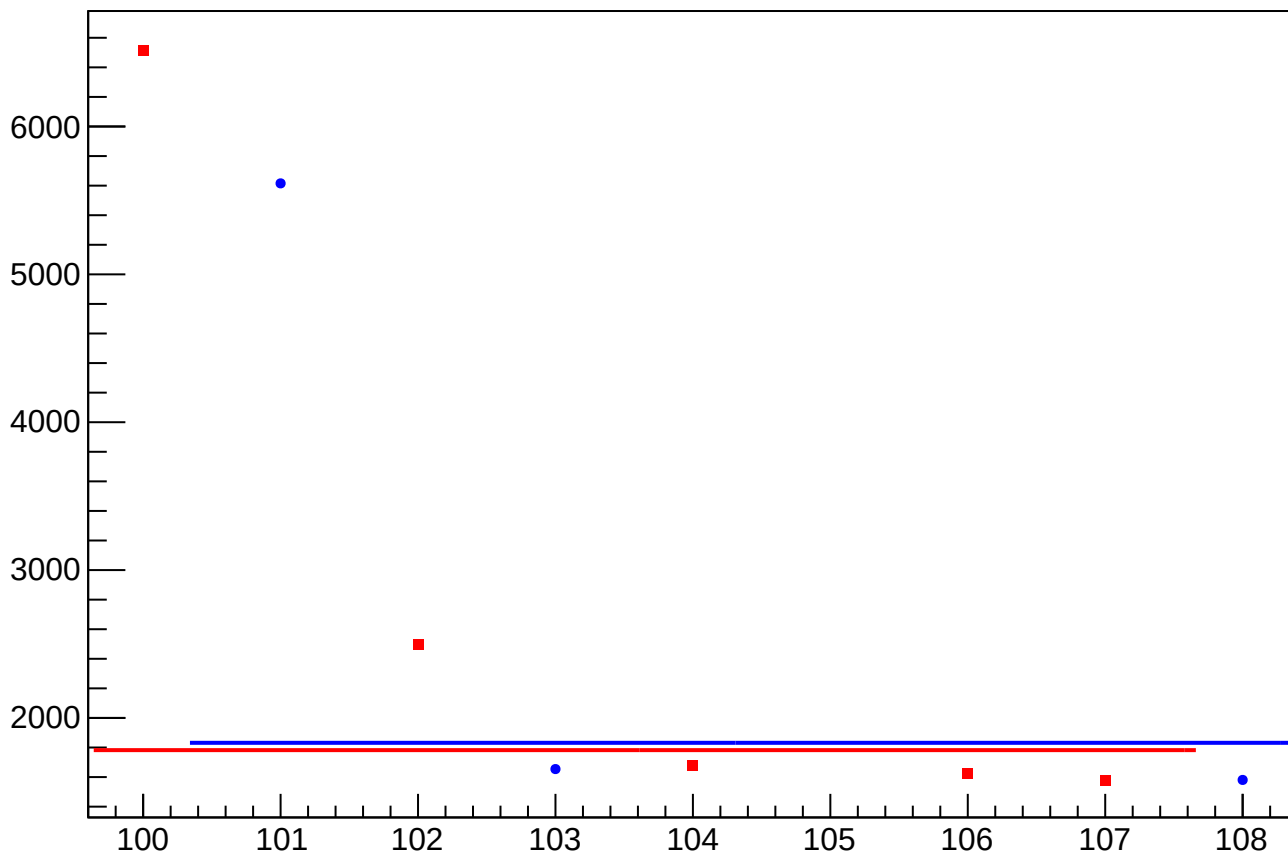
Right: 1552.969+/-1068.498 χ^2/NDF : 5.7/7

In: 747.754+/-1584.262 χ^2/NDF : 3.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1552.969+/-1068.498 χ^2/NDF : 5.7/7

eigen_dit_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1831.769+/-1.120 χ^2/NDF : 629072.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1782.261+/-1.023 χ^2/NDF : 167276.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

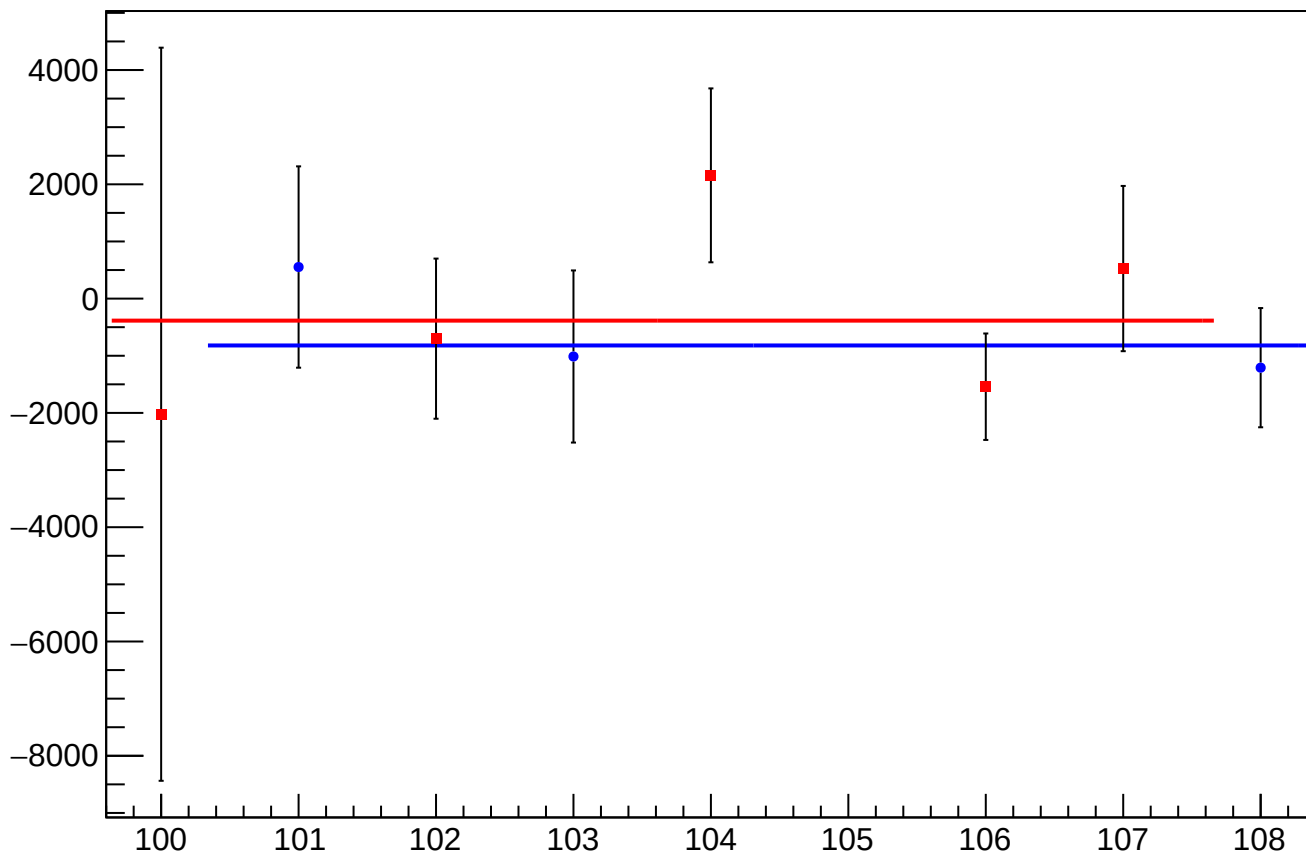
Right: 1804.781+/-0.756 χ^2/NDF : 797414.3/7

In: 1831.769+/-1.120 χ^2/NDF : 629072.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1804.781+/-0.756 χ^2/NDF : 797414.3/7

asym_usr_atr1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -819.848 $\pm$ 771.018 χ^2/NDF : 0.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -385.291 $\pm$ 620.526 χ^2/NDF : 4.8/4

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

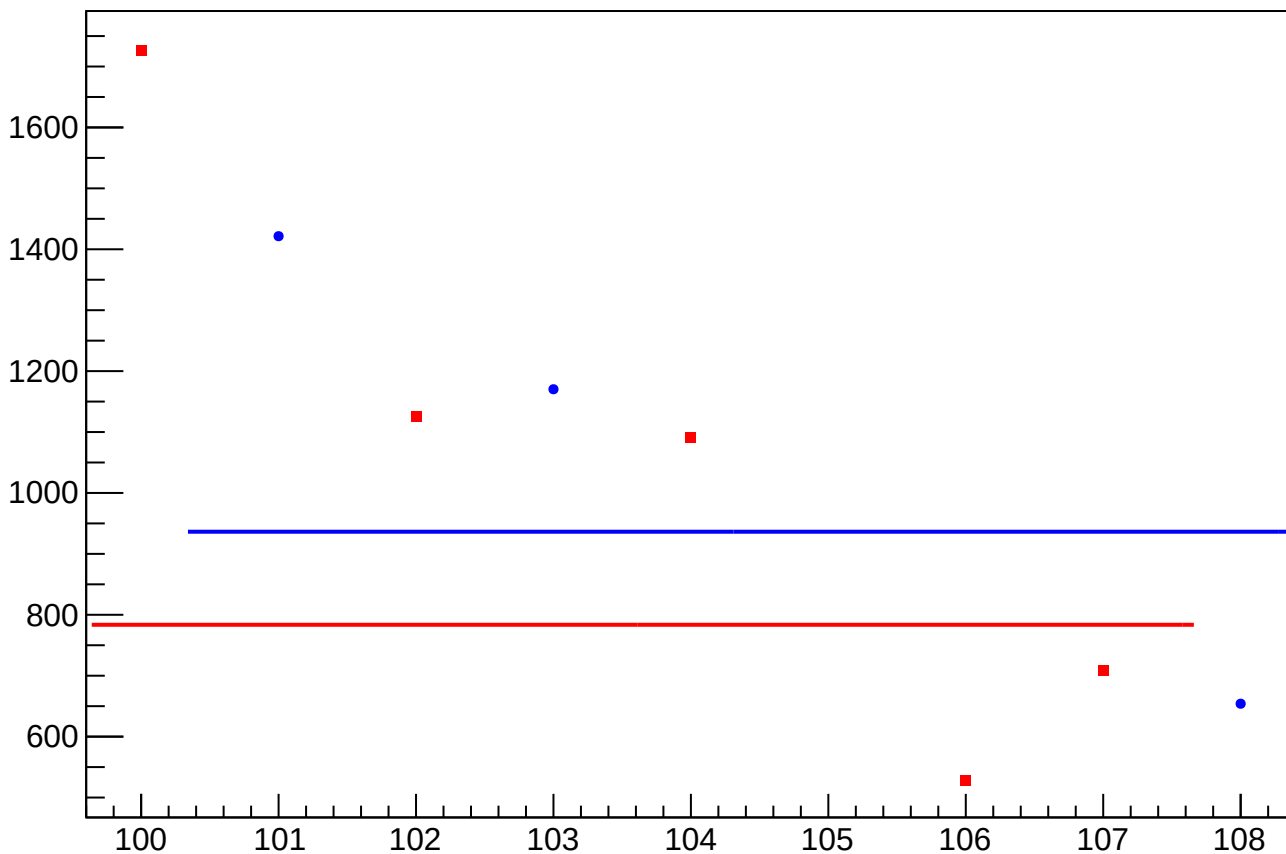
Right: -556.116 $\pm$ 483.412 χ^2/NDF : 5.8/7

In: -819.848 $\pm$ 771.018 χ^2/NDF : 0.8/2

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -556.116 $\pm$ 483.412 χ^2/NDF : 5.8/7

asym_usr_atr1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 936.368+/-0.545 χ^2/NDF : 346428.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 783.607+/-0.439 χ^2/NDF : 400345.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

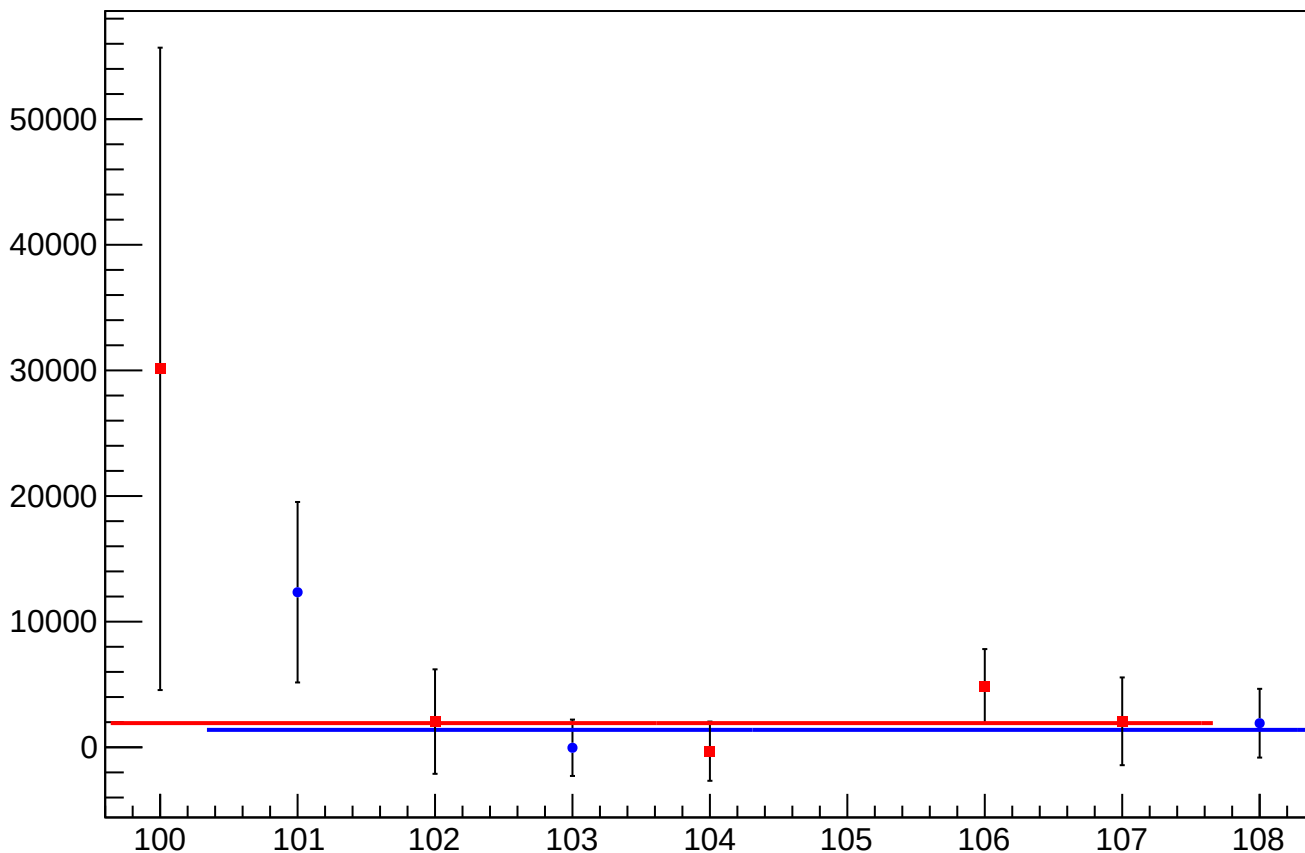
Right: 843.658+/-0.342 χ^2/NDF : 794421.2/7

In: 936.368+/-0.545 χ^2/NDF : 346428.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 843.658+/-0.342 χ^2/NDF : 794421.2/7

asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 1386.019+/-1686.371 χ^2/NDF : 2.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1924.439+/-1512.989 χ^2/NDF : 3.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

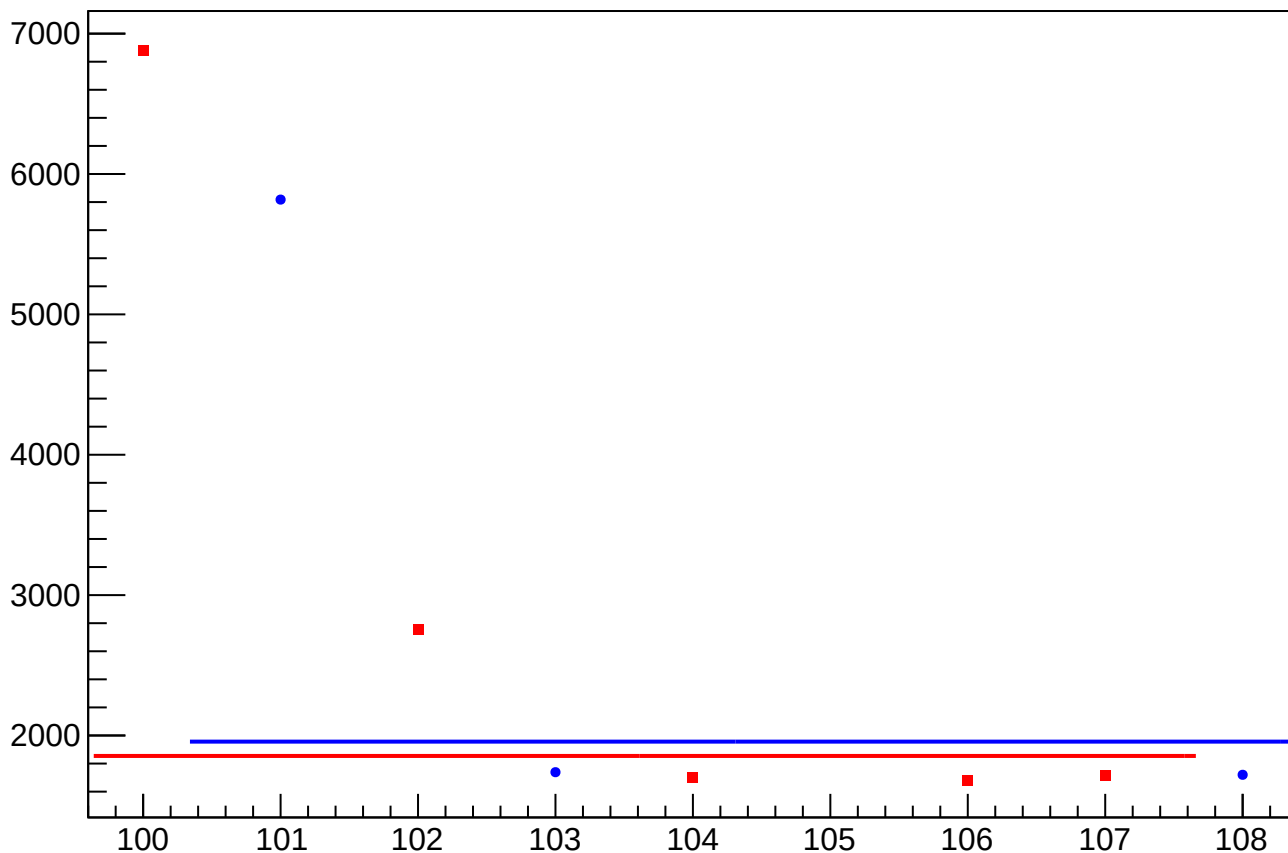
Right: 1684.322+/-1126.170 χ^2/NDF : 5.9/7

In: 1386.019+/-1686.371 χ^2/NDF : 2.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1684.322+/-1126.170 χ^2/NDF : 5.9/7

asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1956.280+/-1.192 χ^2/NDF : 611591.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1854.258+/-1.070 χ^2/NDF : 190480.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

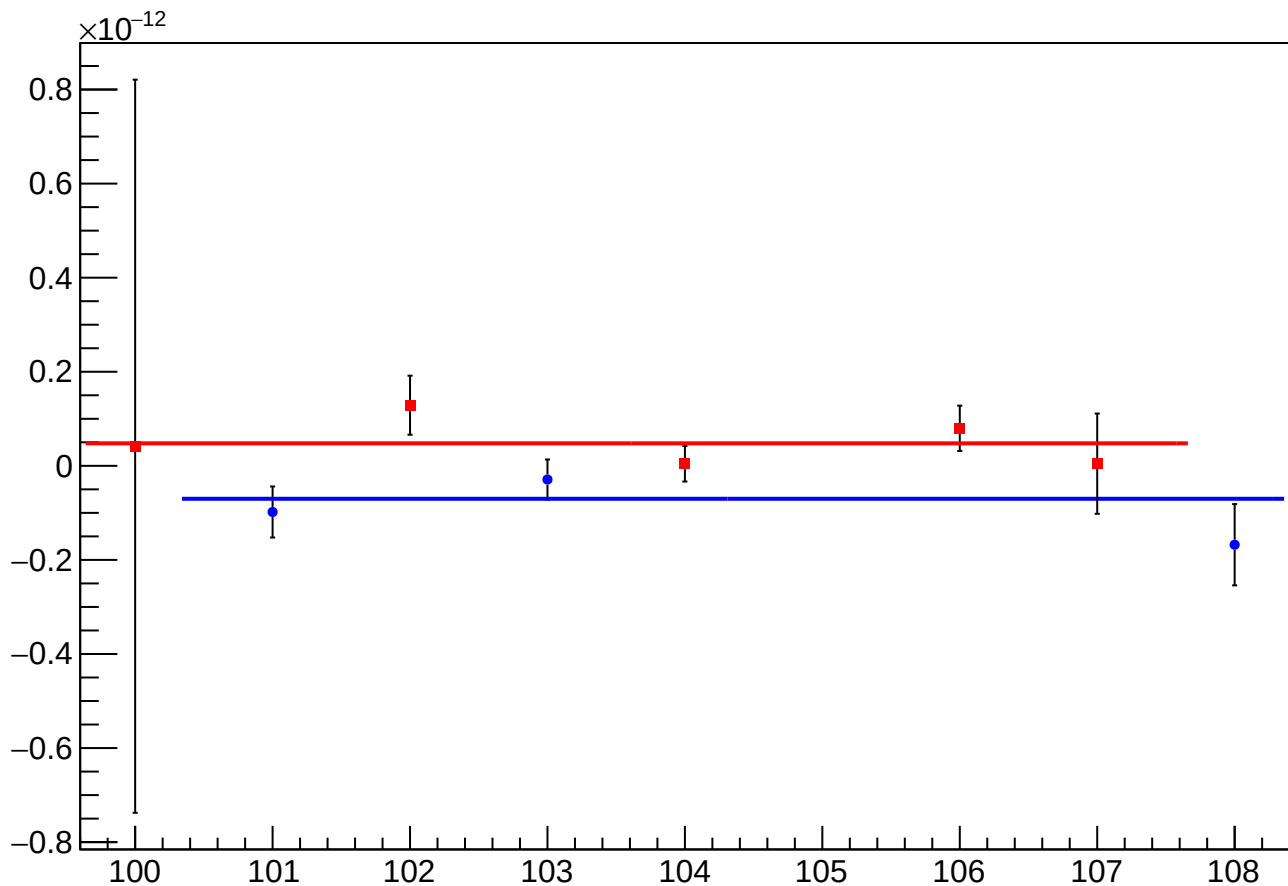
Right: 1899.756+/-0.796 χ^2/NDF : 806127.0/7

In: 1956.280+/-1.192 χ^2/NDF : 611591.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1899.756+/-0.796 χ^2/NDF : 806127.0/7

asym_usr_atr1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 2.5/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 3.6/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

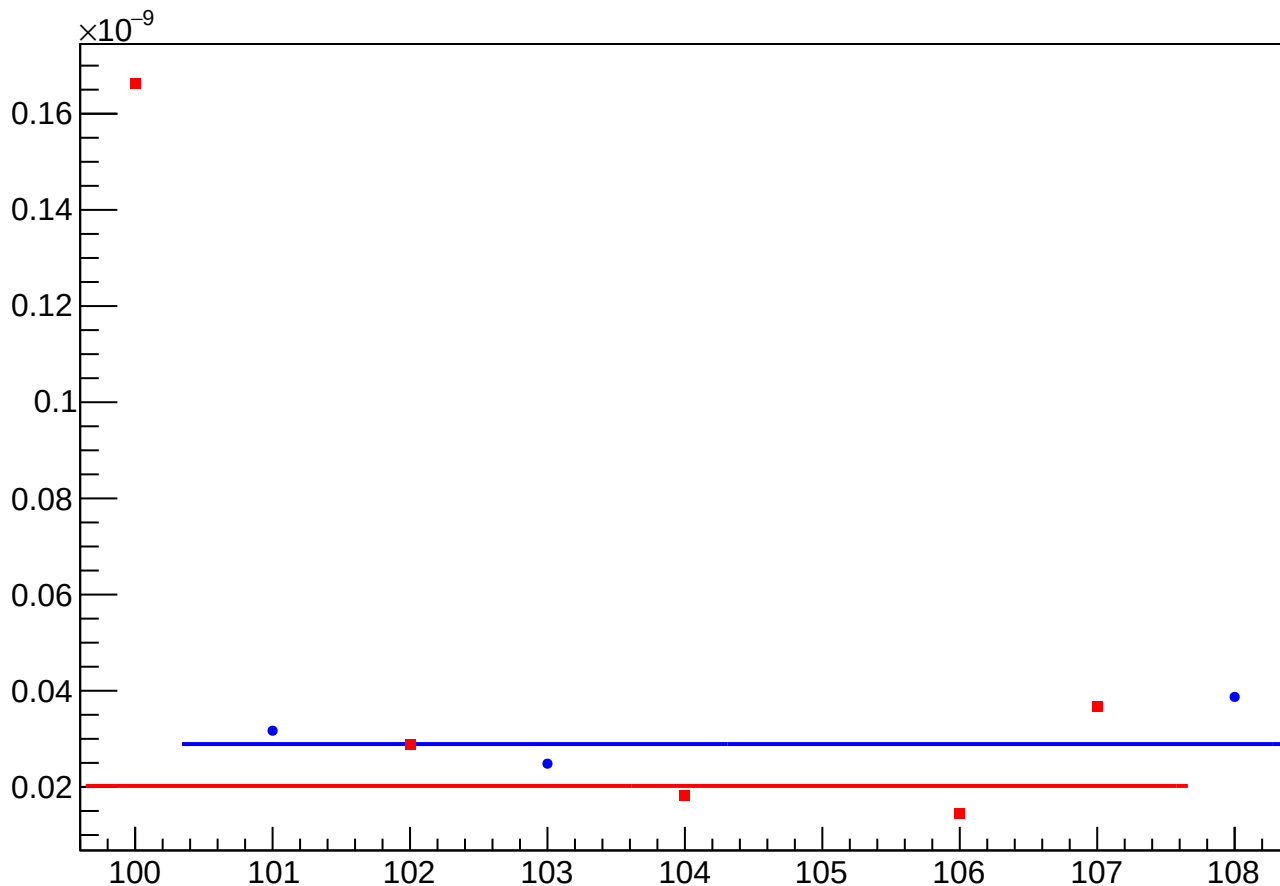
Right: -0.000+/-0.000 χ^2 /NDF: 14.5/7

In: -0.000+/-0.000 χ^2 /NDF:2.5/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 14.5/7

asym_usr_atr1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 49397.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 191434.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

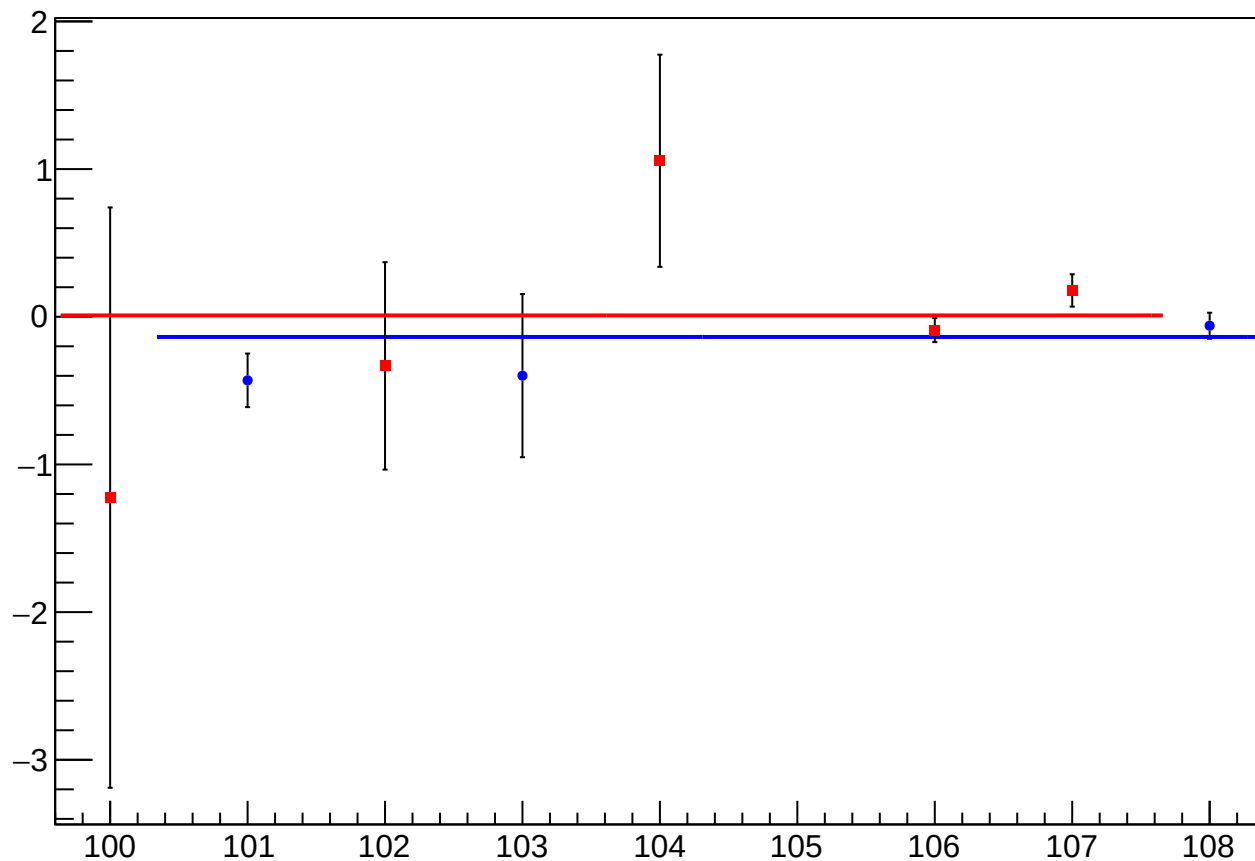
Right: 0.000+/-0.000 χ^2/NDF : 332666.6/7

In: 0.000+/-0.000 χ^2/NDF : 49397.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 332666.6/7

asym_usr_atr1_avg_dit_vs_Slug, Sign Corrected



Right In: -0.137 $\pm$ 0.078 χ^2 /NDF: 3.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.009 $\pm$ 0.065 χ^2 /NDF: 6.6/4

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

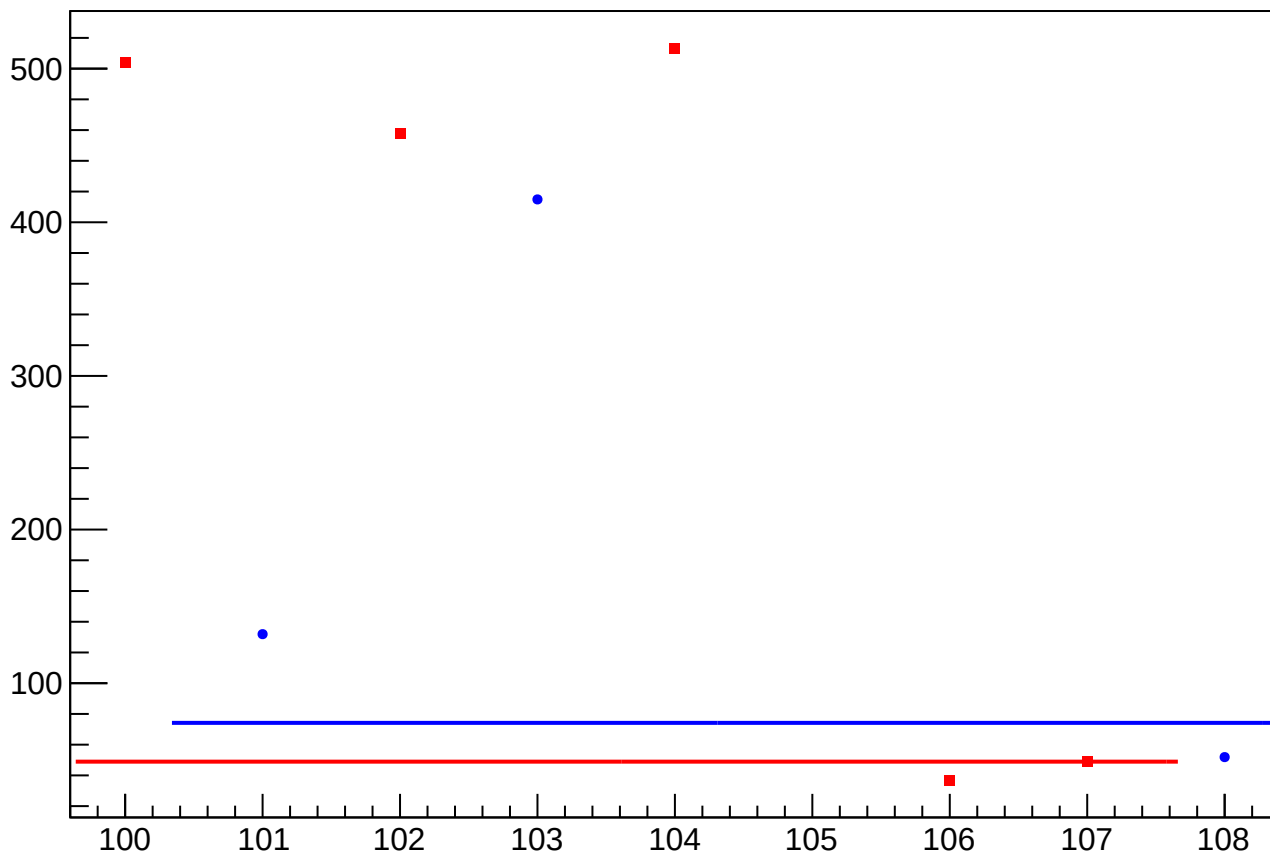
Right: -0.050 $\pm$ 0.050 χ^2 /NDF: 12.3/7

In: -0.137 $\pm$ 0.078 χ^2 /NDF:3.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.050 $\pm$ 0.050 χ^2 /NDF: 12.3/7

asym_usr_atr1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 74.192+/-0.055 χ^2/NDF : 1091205.5/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 48.946+/-0.046 χ^2/NDF : 1666832.5/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

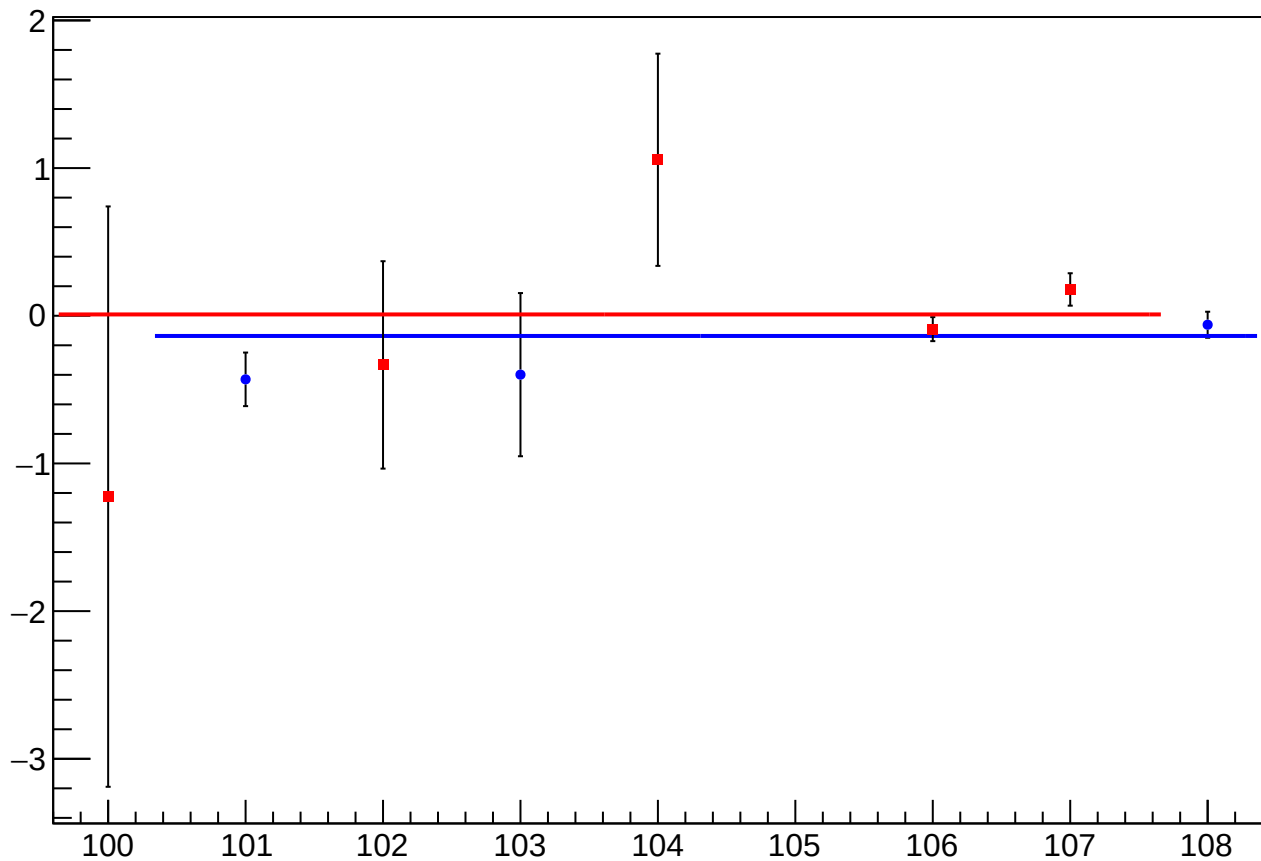
Right: 59.175+/-0.035 χ^2/NDF : 2881247.3/7

In: 74.192+/-0.055 χ^2/NDF :1091205.5/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 59.175+/-0.035 χ^2/NDF : 2881247.3/7

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.137+/-0.078 χ^2/NDF : 3.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.065 χ^2/NDF : 6.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

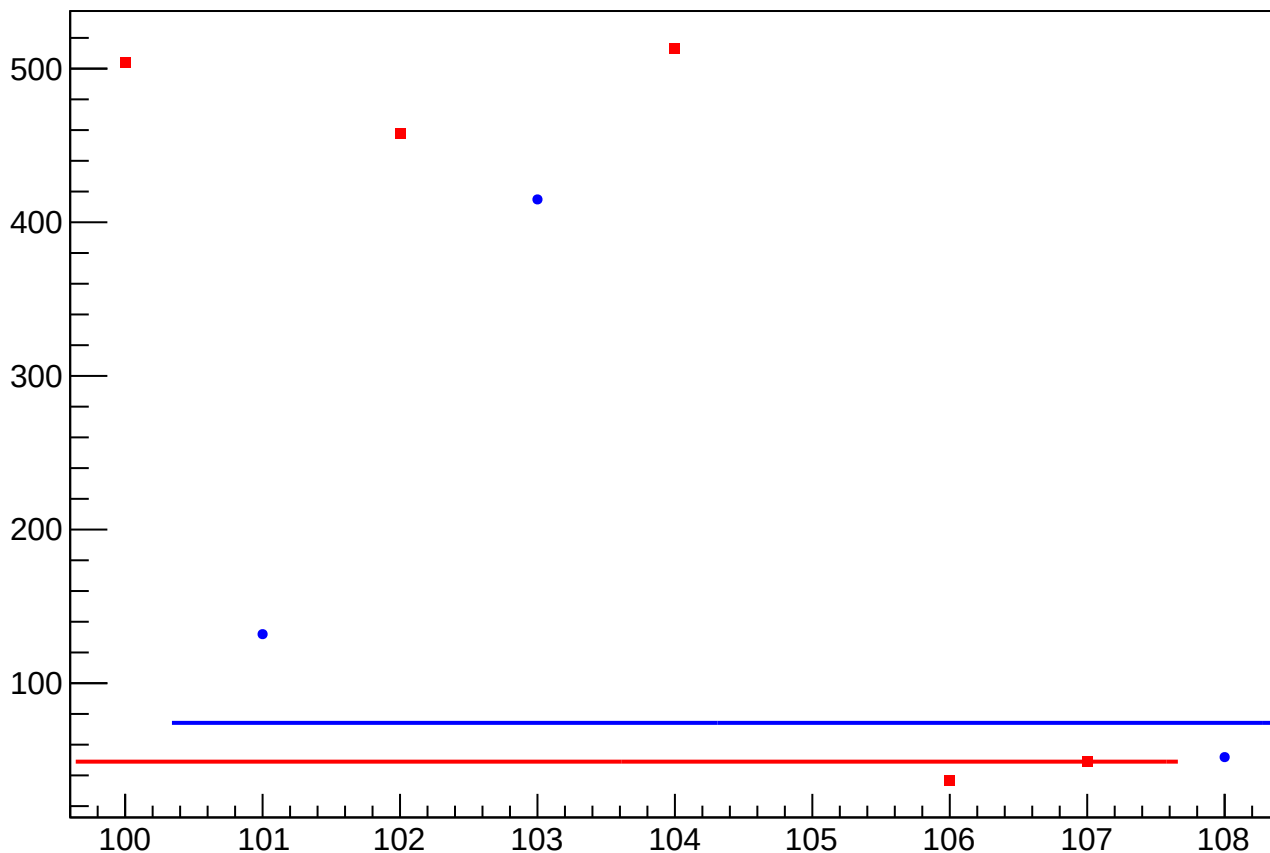
Right: -0.050+/-0.050 χ^2/NDF : 12.3/7

In: -0.137+/-0.078 χ^2/NDF : 3.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.050+/-0.050 χ^2/NDF : 12.3/7

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 74.192+/-0.055 χ^2/NDF : 1091205.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.946+/-0.046 χ^2/NDF : 1666832.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

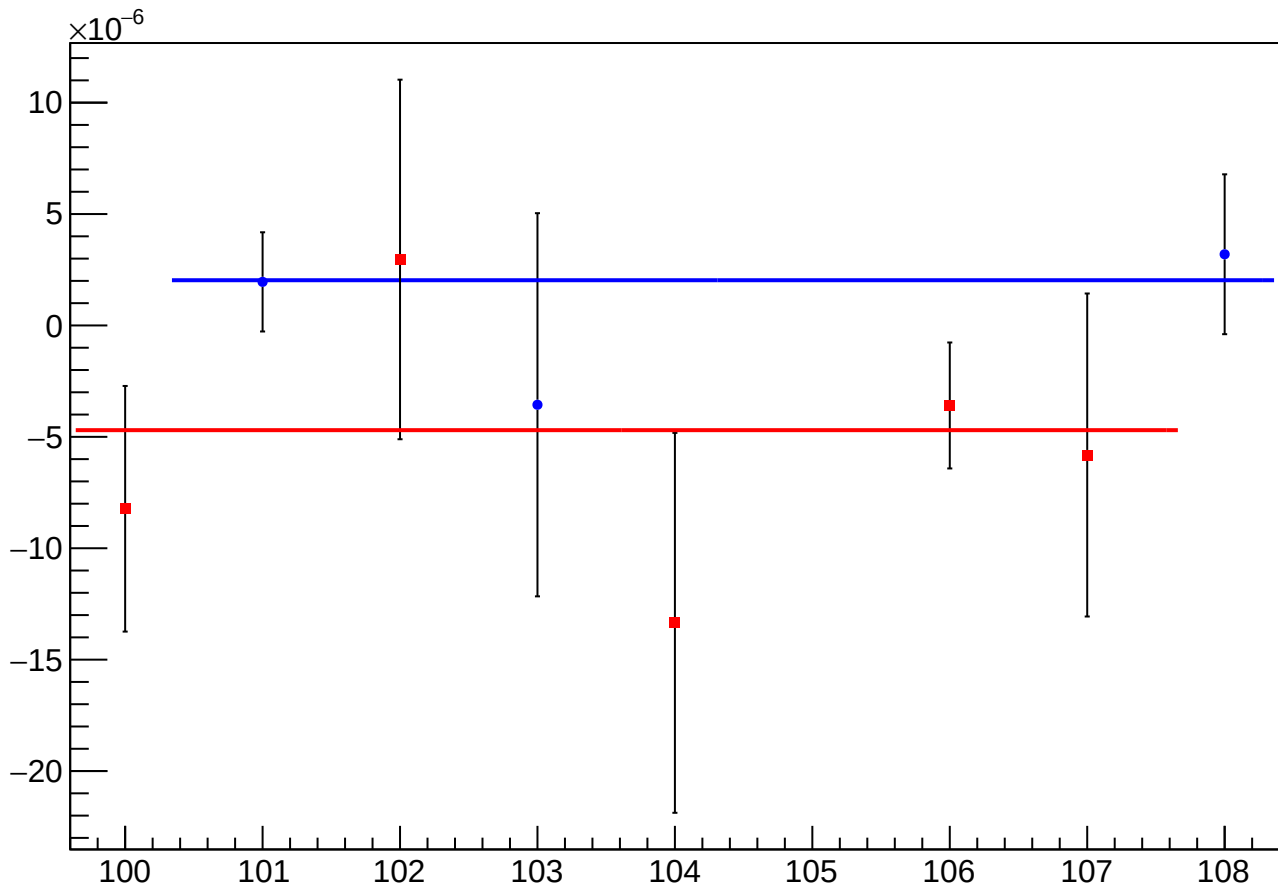
Right: 59.175+/-0.035 χ^2/NDF : 2881247.3/7

In: 74.192+/-0.055 χ^2/NDF : 1091205.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.175+/-0.035 χ^2/NDF : 2881247.3/7

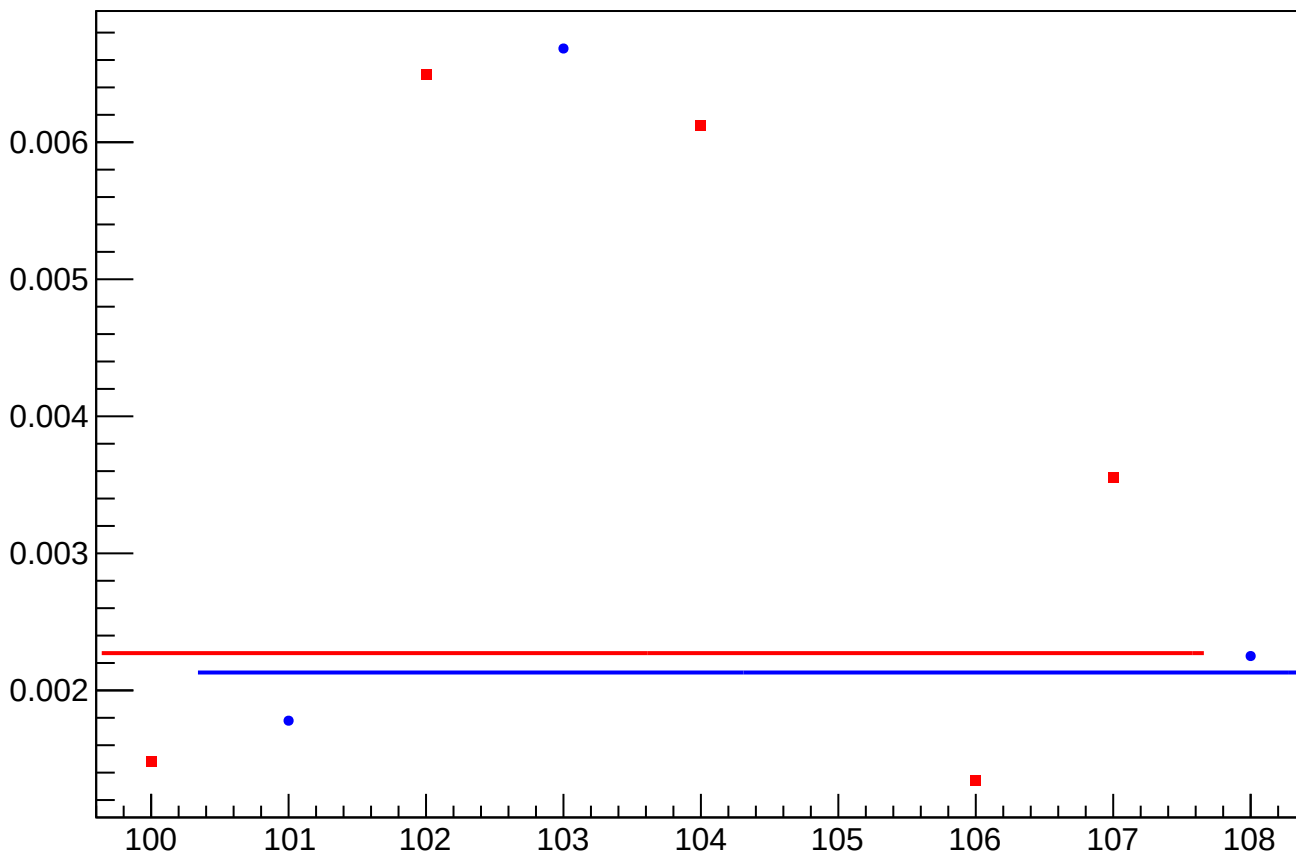
asym_usr_atr1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.5/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 2.5/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 8.5/7
 In: 0.000+/-0.000 χ^2/NDF : 0.5/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 8.5/7

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 612890.7/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1276293.3/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

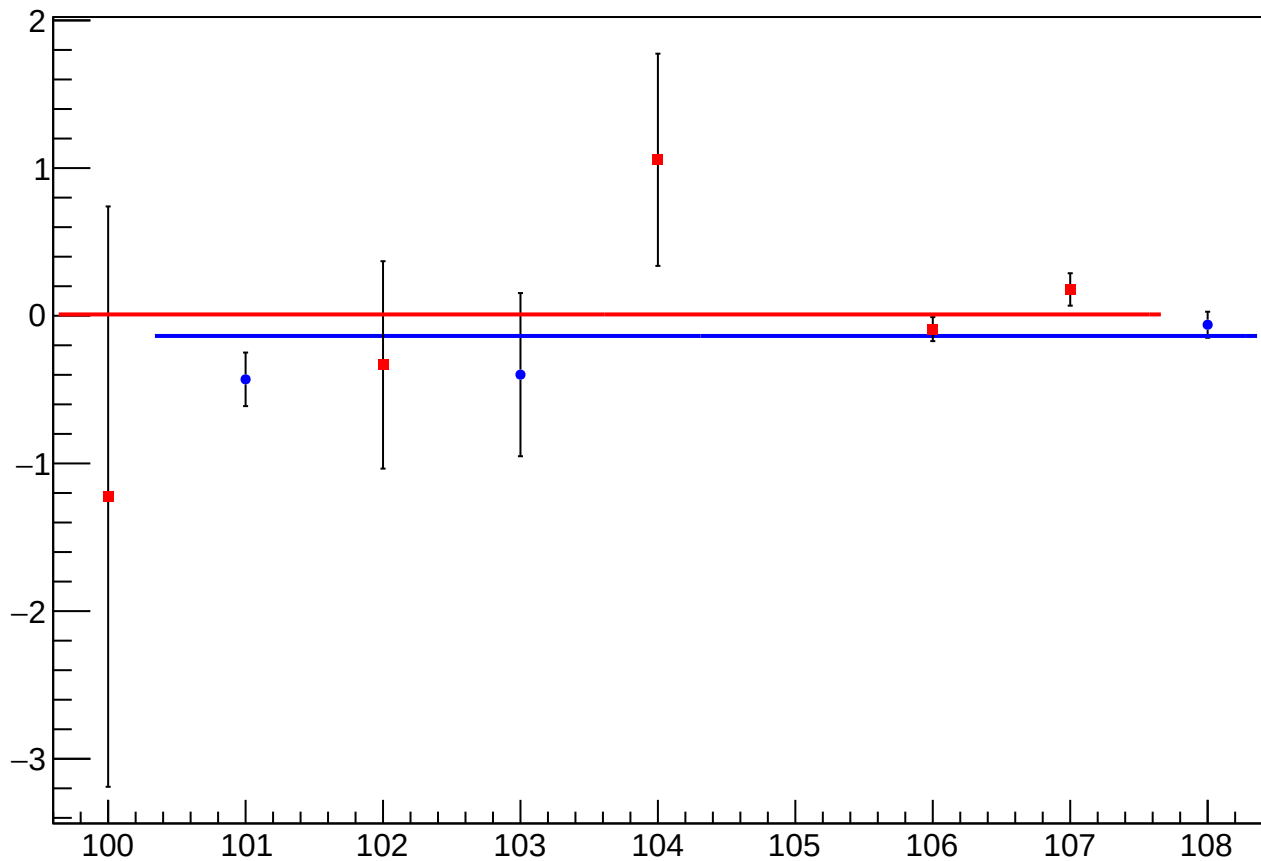
Right: 0.002+/-0.000 χ^2/NDF : 1894028.1/7

In: 0.002+/-0.000 χ^2/NDF :612890.7/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1894028.1/7

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.137+/-0.078 χ^2/NDF : 3.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.065 χ^2/NDF : 6.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

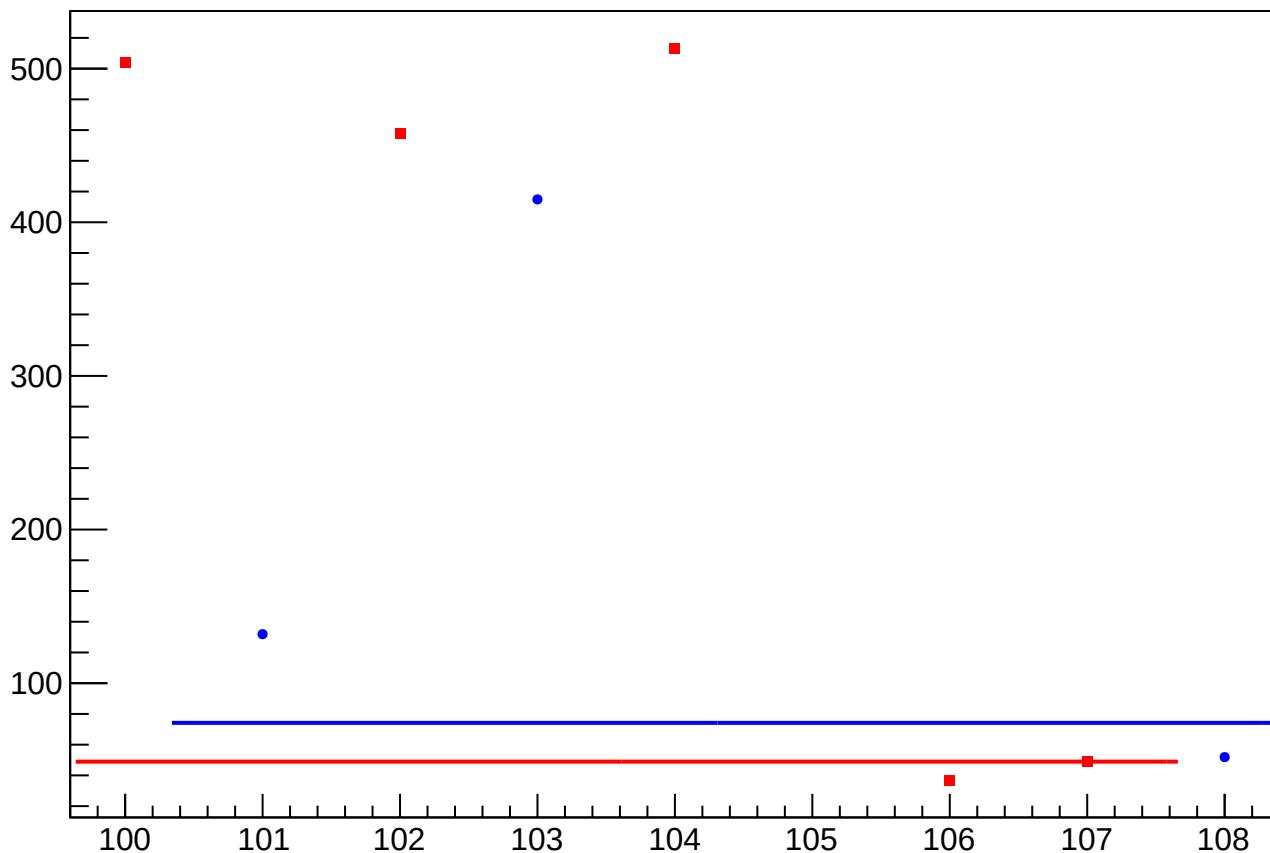
Right: -0.050+/-0.050 χ^2/NDF : 12.3/7

In: -0.137+/-0.078 χ^2/NDF : 3.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.050+/-0.050 χ^2/NDF : 12.3/7

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 74.194+/-0.055 χ^2/NDF : 1091187.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.946+/-0.046 χ^2/NDF : 1666828.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

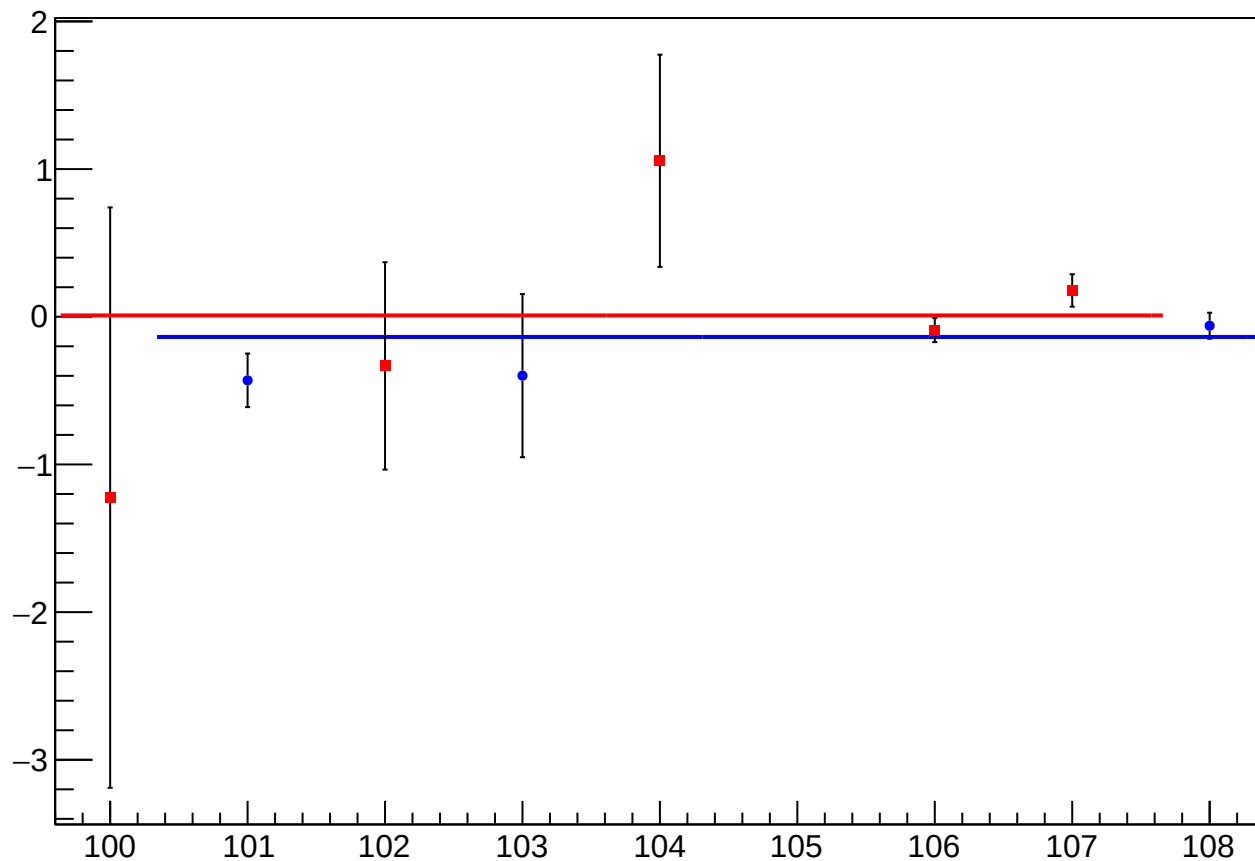
Right: 59.175+/-0.035 χ^2/NDF : 2881239.8/7

In: 74.194+/-0.055 χ^2/NDF : 1091187.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.175+/-0.035 χ^2/NDF : 2881239.8/7

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.137+/-0.078 χ^2/NDF : 3.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.065 χ^2/NDF : 6.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

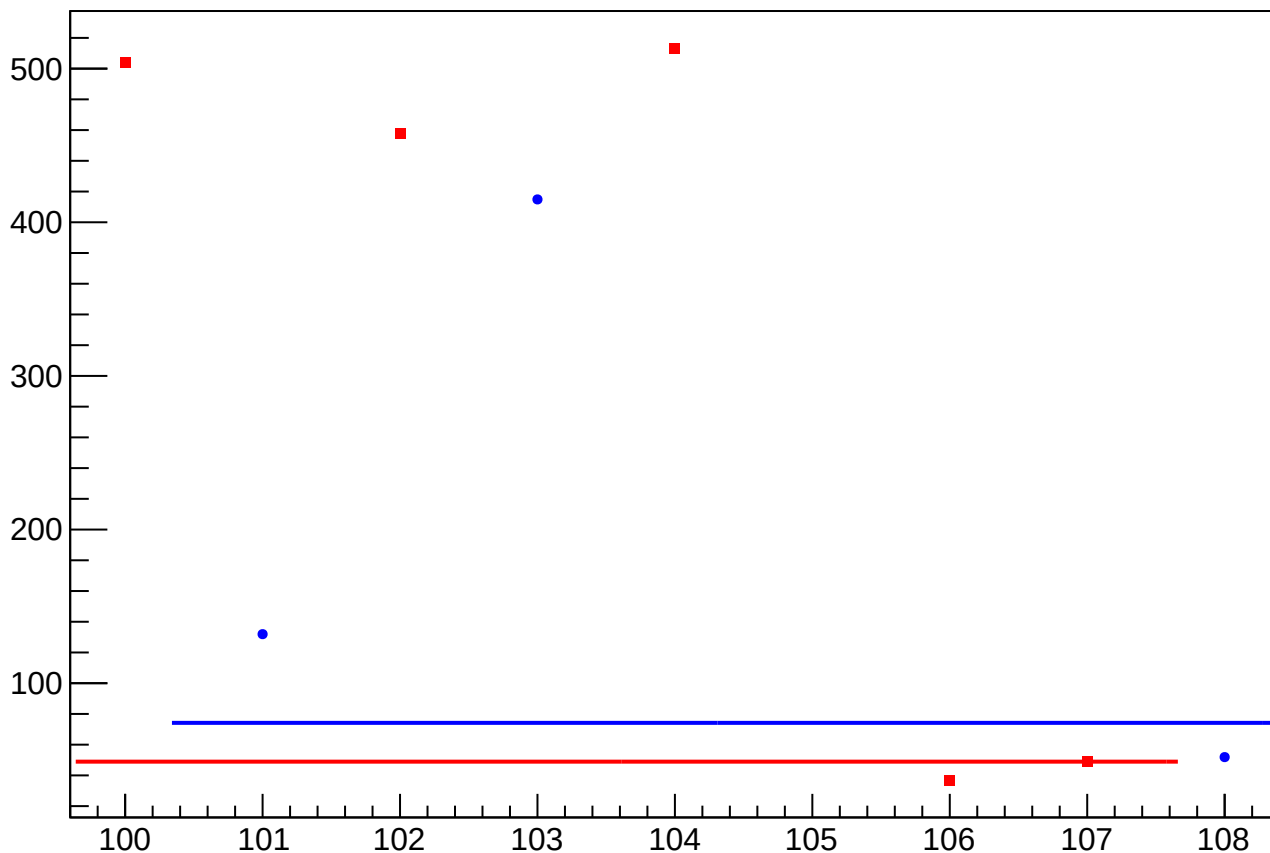
Right: -0.050+/-0.050 χ^2/NDF : 12.3/7

In: -0.137+/-0.078 χ^2/NDF : 3.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.050+/-0.050 χ^2/NDF : 12.3/7

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 74.194+/-0.055 χ^2/NDF : 1091187.3/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 48.946+/-0.046 χ^2/NDF : 1666828.4/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

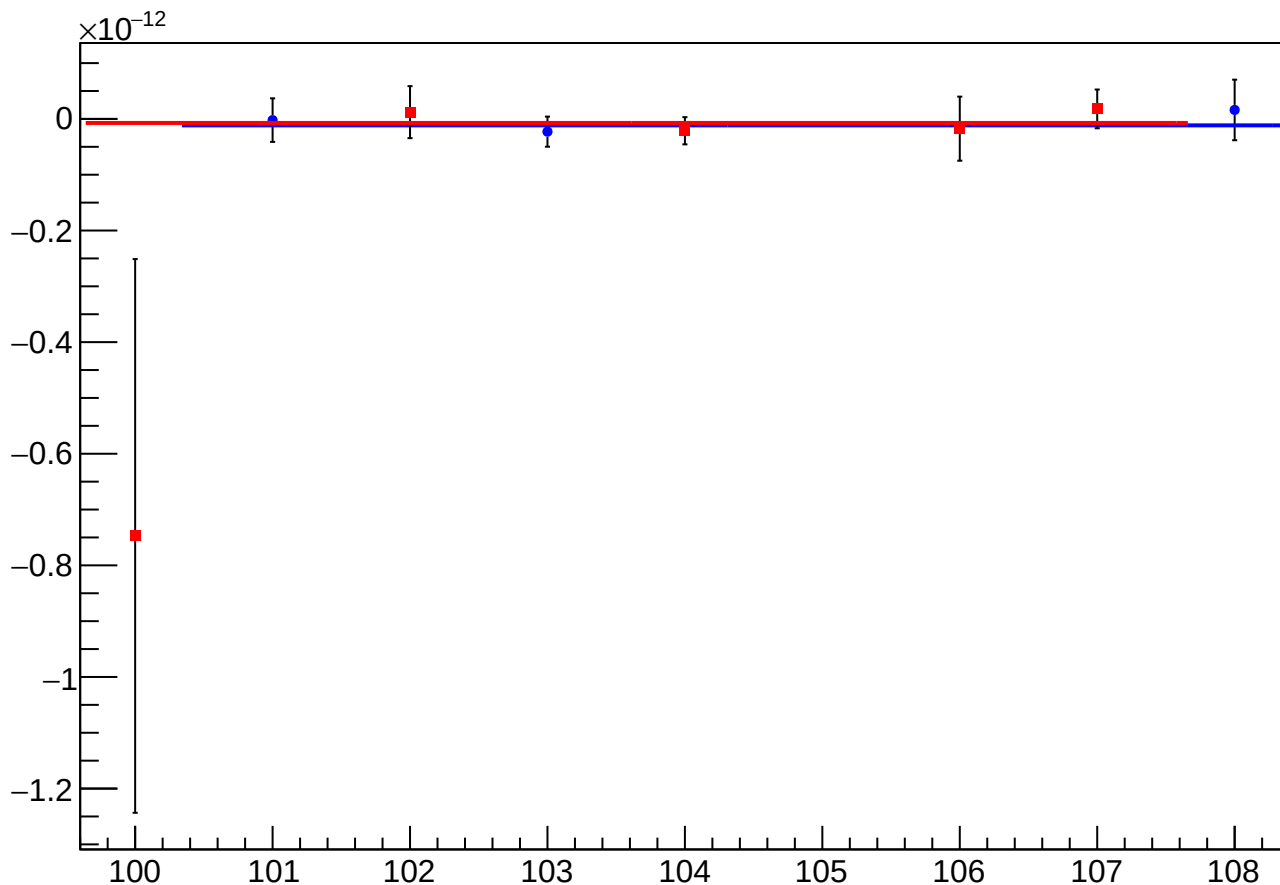
Right: 59.175+/-0.035 χ^2/NDF : 2881239.8/7

In: 74.194+/-0.055 χ^2/NDF :1091187.3/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 59.175+/-0.035 χ^2/NDF : 2881239.8/7

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

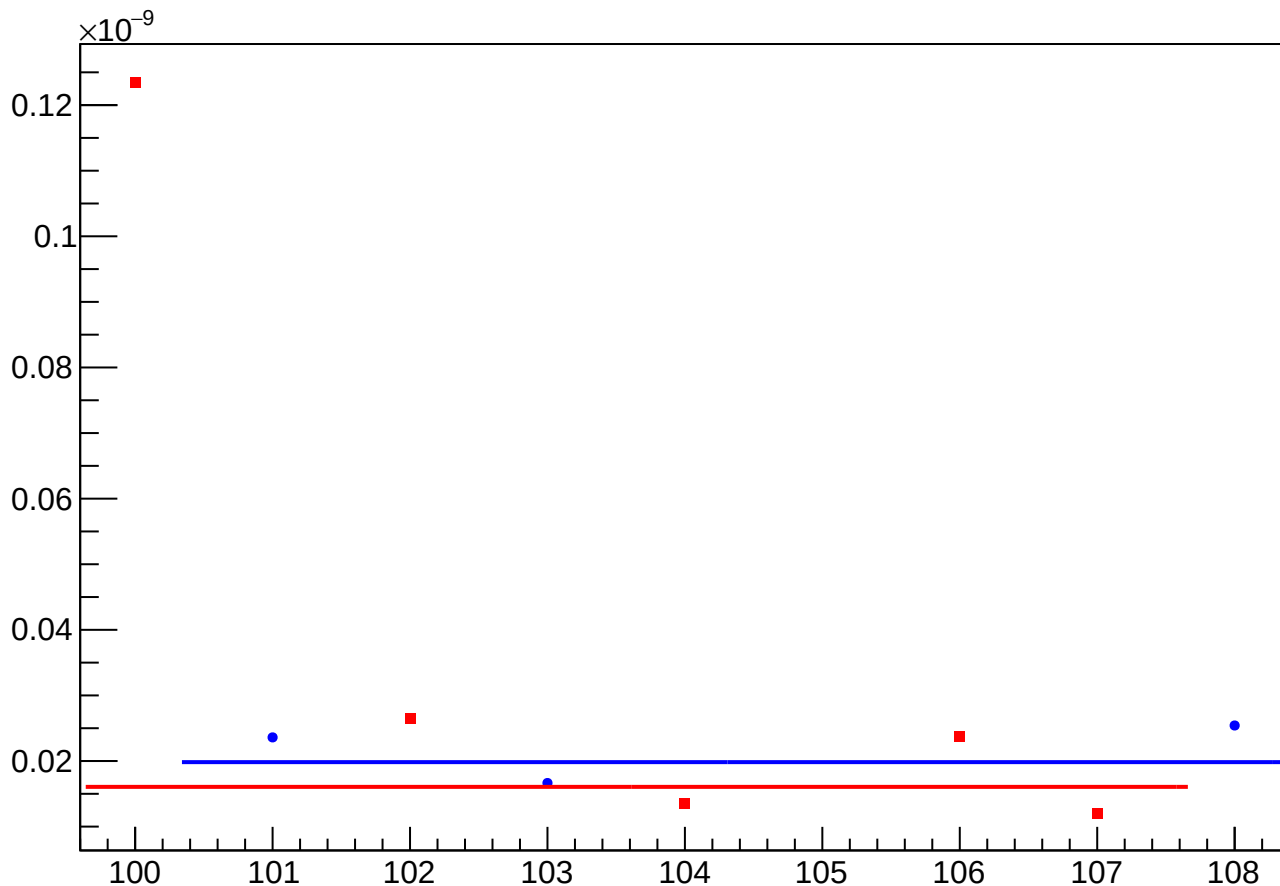
Right: -0.000+/-0.000 χ^2/NDF : 3.8/7

In: -0.000+/-0.000 χ^2/NDF : 0.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.8/7

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 67715.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 278163.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

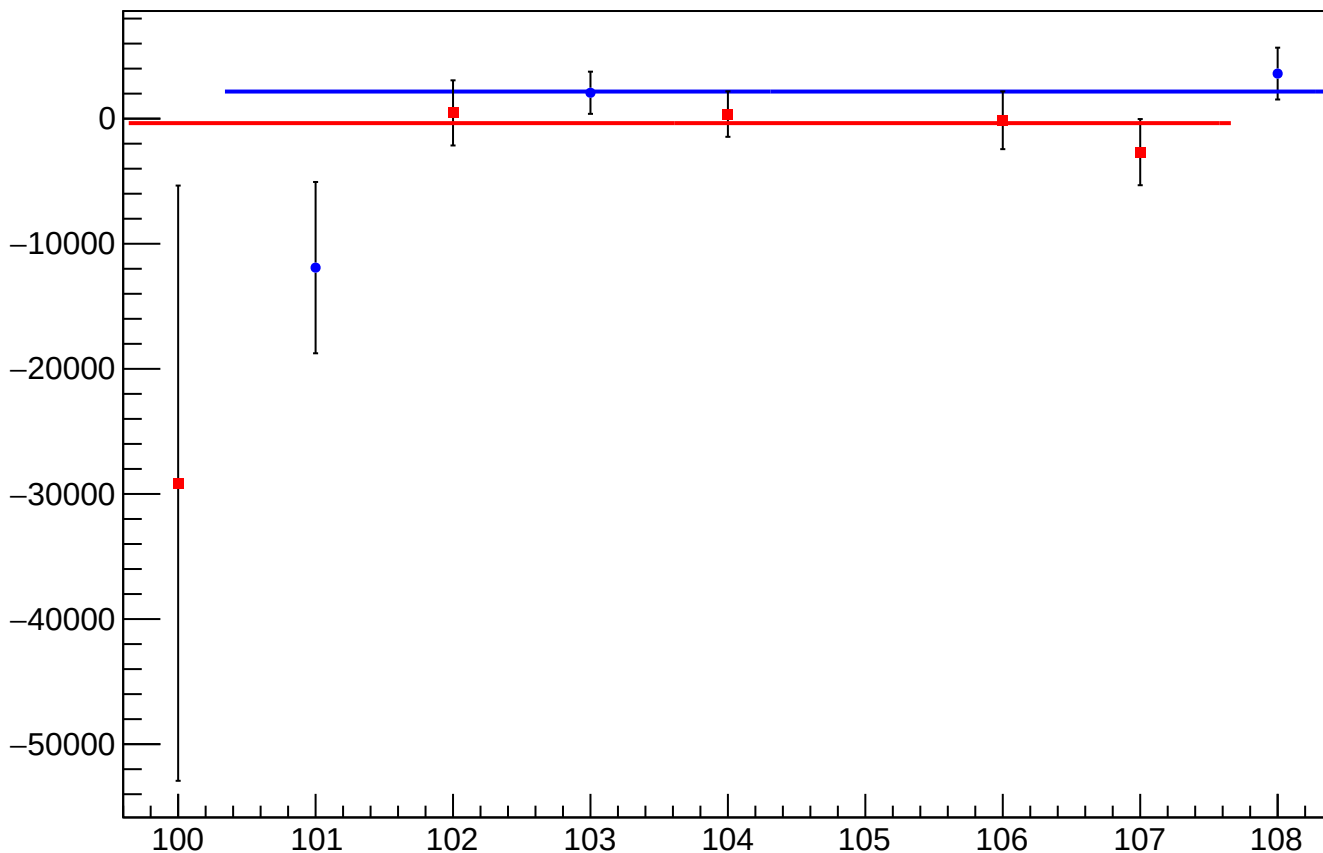
Right: 0.000+/-0.000 χ^2/NDF : 384977.5/7

In: 0.000+/-0.000 χ^2/NDF : 67715.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 384977.5/7

reg_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 2166.854+/-1284.385 χ^2/NDF : 4.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -358.147+/-1130.598 χ^2/NDF : 2.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

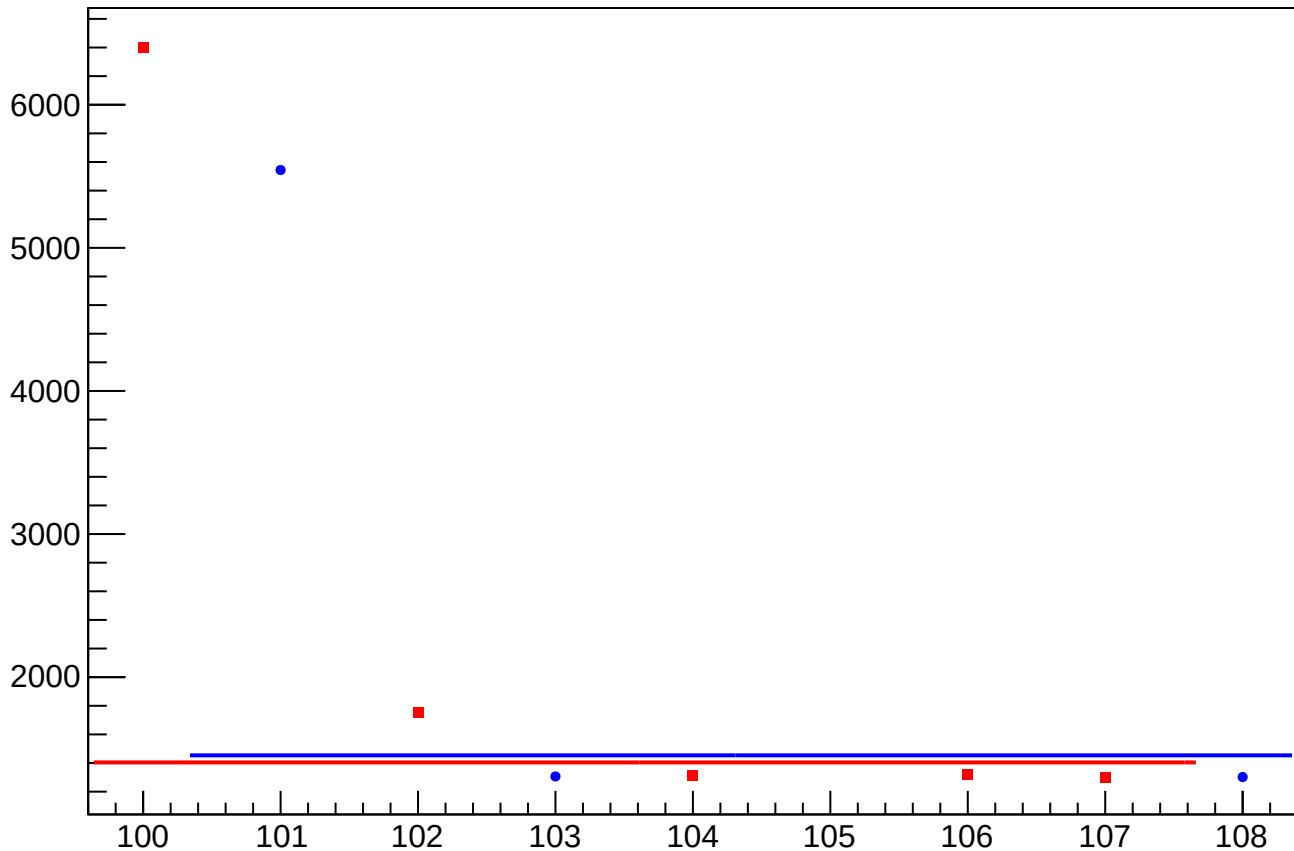
Right: 744.211+/-848.644 χ^2/NDF : 9.4/7

In: 2166.854+/-1284.385 χ^2/NDF : 4.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 744.211+/-848.644 χ^2/NDF : 9.4/7

reg_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1453.694+/-0.908 χ^2/NDF : 739702.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1404.228+/-0.799 χ^2/NDF : 134893.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

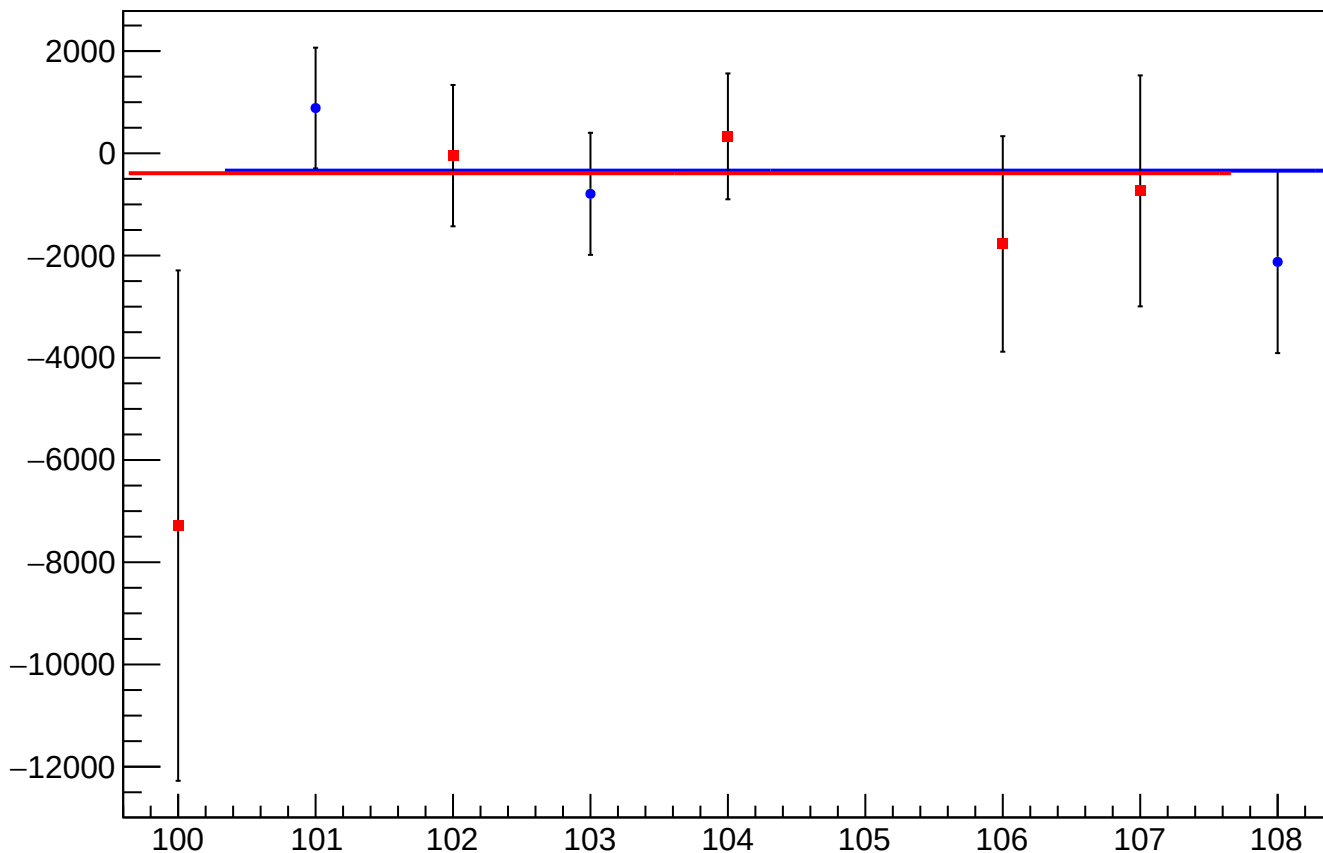
Right: 1425.823+/-0.600 χ^2/NDF : 876267.1/7

In: 1453.694+/-0.908 χ^2/NDF : 739702.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1425.823+/-0.600 χ^2/NDF : 876267.1/7

asym_usr_atr1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -339.336+/-759.748 χ^2/NDF : 2.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -389.472+/-779.907 χ^2/NDF : 2.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

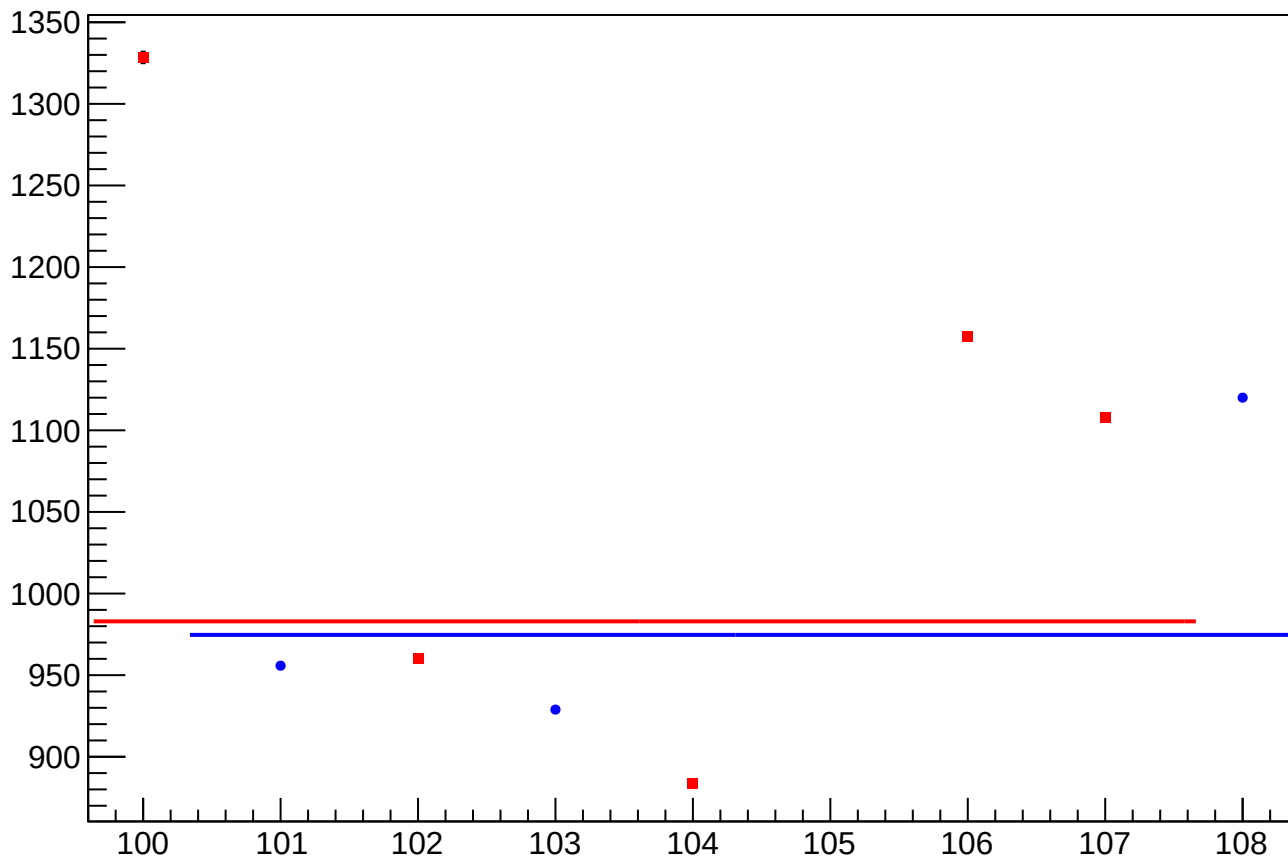
Right: -363.748+/-544.210 χ^2/NDF : 5.0/7

In: -339.336+/-759.748 χ^2/NDF : 2.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -363.748+/-544.210 χ^2/NDF : 5.0/7

asym_usr_atr1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 974.679+/-0.537 χ^2/NDF : 16713.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 982.964+/-0.551 χ^2/NDF : 42928.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

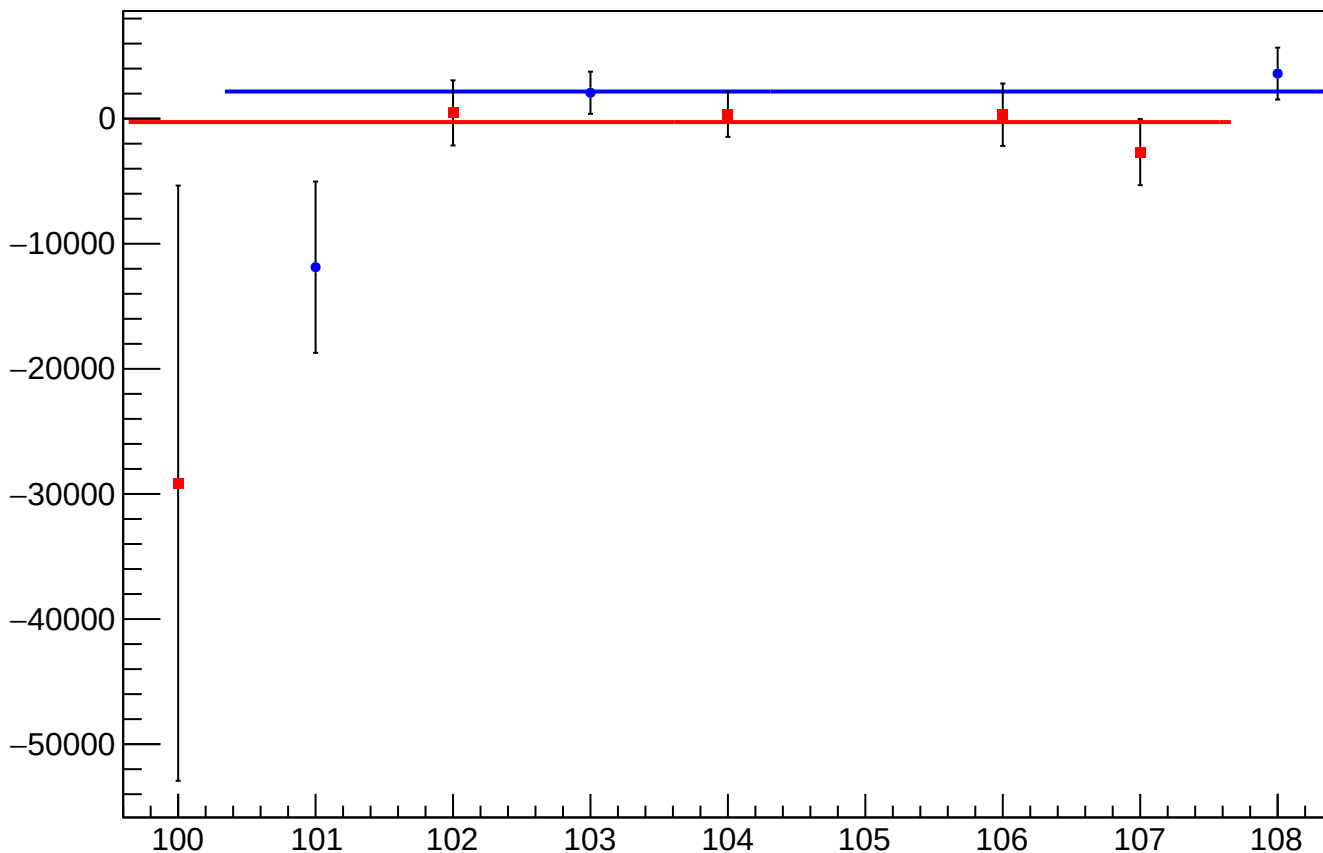
Right: 978.713+/-0.385 χ^2/NDF : 59757.9/7

In: 974.679+/-0.537 χ^2/NDF : 16713.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 978.713+/-0.385 χ^2/NDF : 59757.9/7

cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 2167.995+/-1284.386 χ^2 /NDF: 4.7/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -273.887+/-1150.672 χ^2 /NDF: 2.6/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

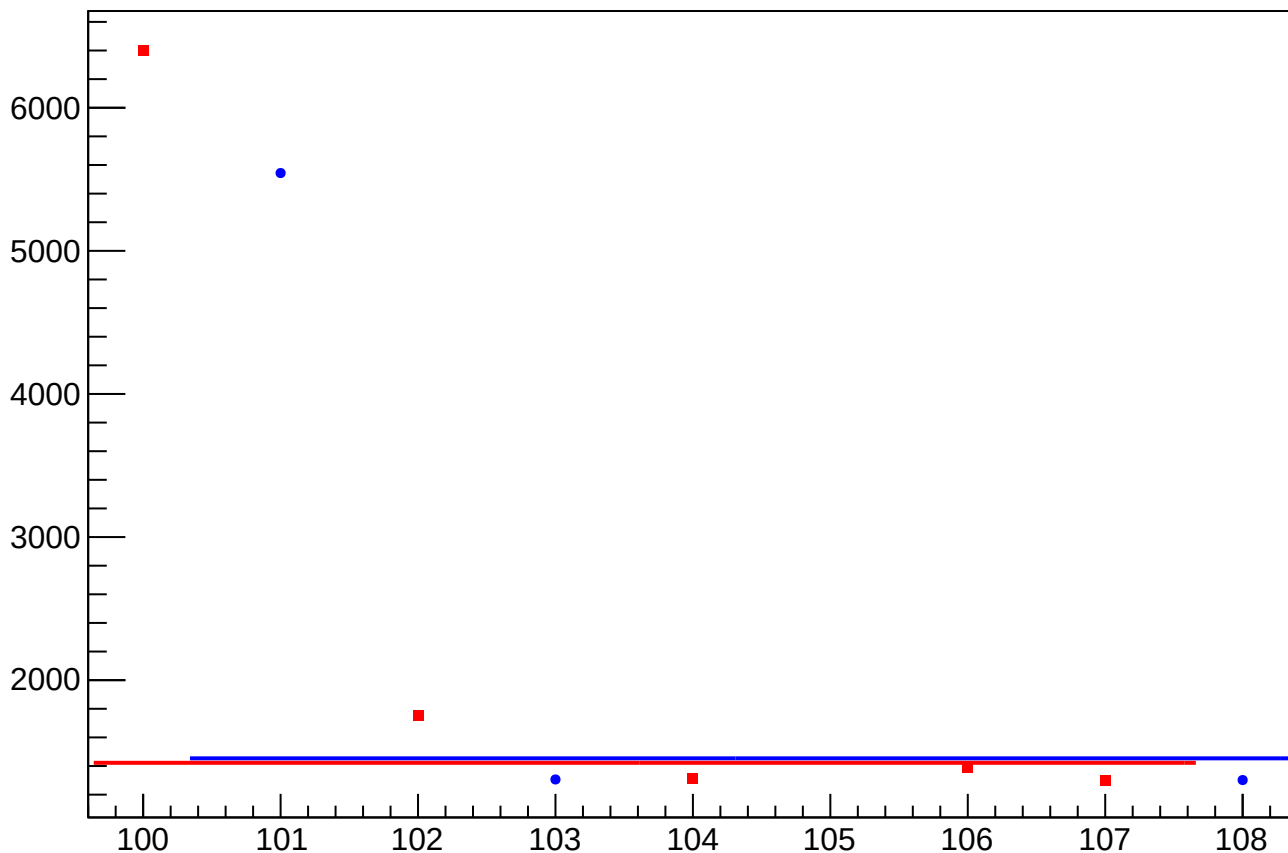
Right: 813.368+/-857.036 χ^2 /NDF: 9.2/7

In: 2167.995+/-1284.386 χ^2 /NDF:4.7/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 813.368+/-857.036 χ^2 /NDF: 9.2/7

cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1453.694+/-0.908 χ^2/NDF : 739701.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1422.495+/-0.814 χ^2/NDF : 131642.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

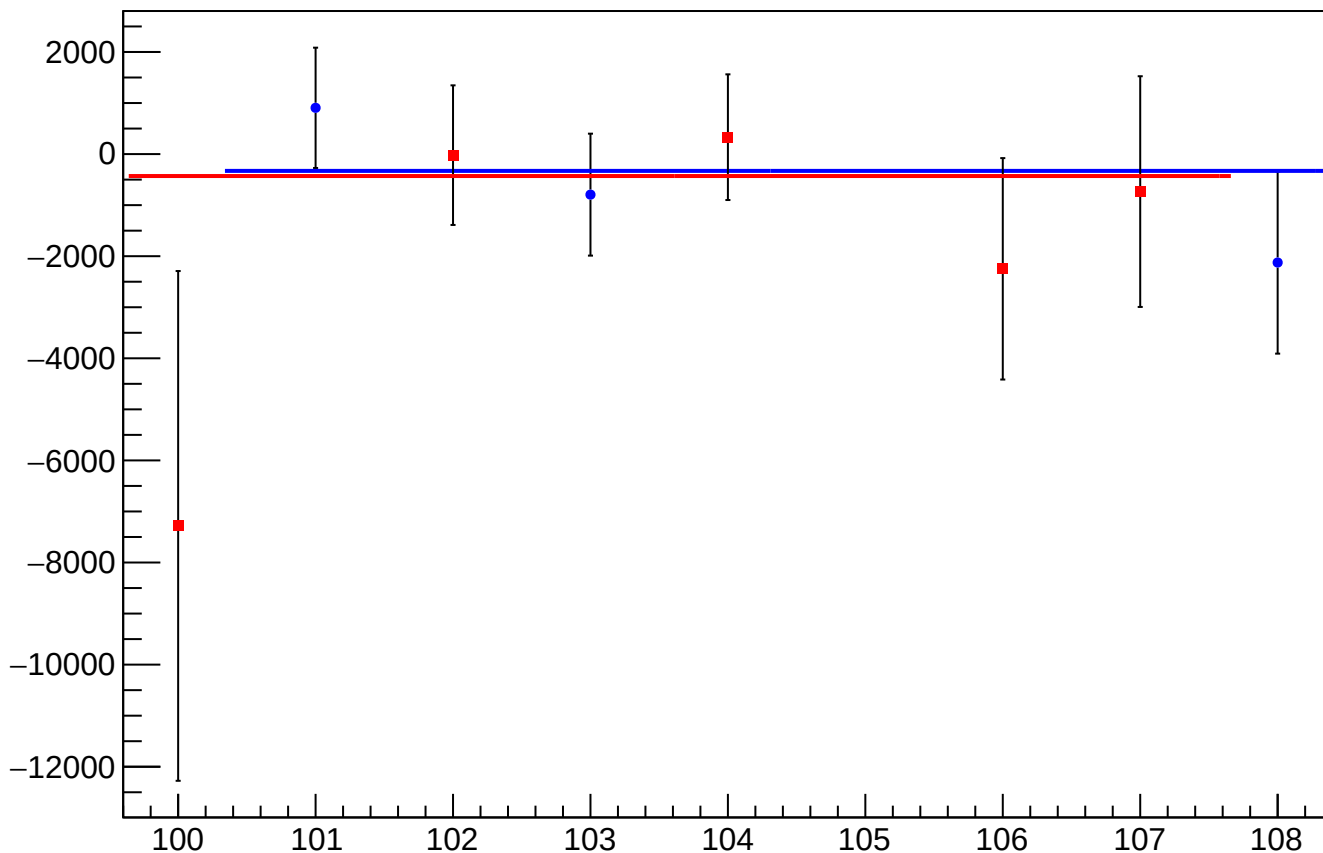
Right: 1436.386+/-0.606 χ^2/NDF : 871998.8/7

In: 1453.694+/-0.908 χ^2/NDF : 739701.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1436.386+/-0.606 χ^2/NDF : 871998.8/7

asym_usr_atr1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -329.100+/-759.106 χ^2/NDF : 2.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -429.890+/-780.009 χ^2/NDF : 3.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

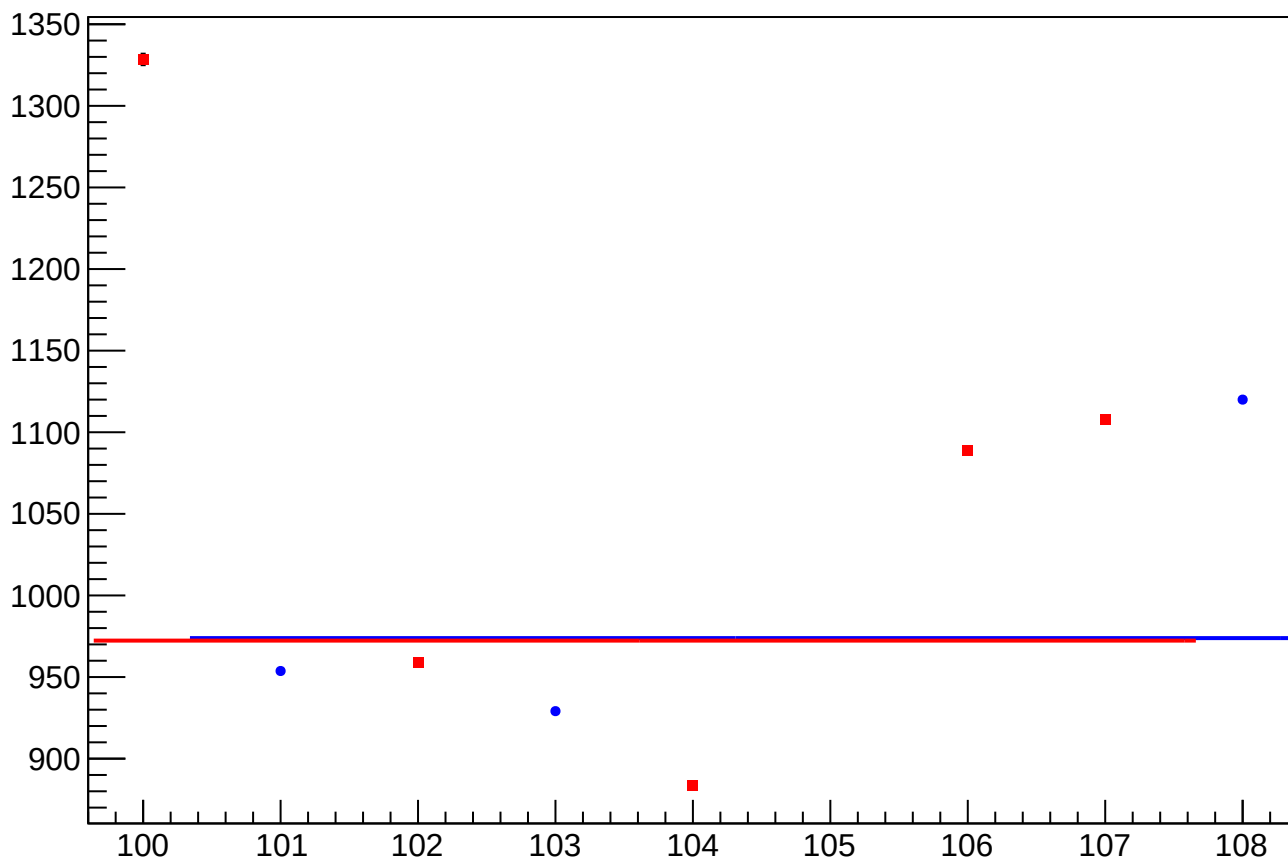
Right: -378.126+/-544.009 χ^2/NDF : 5.3/7

In: -329.100+/-759.106 χ^2/NDF : 2.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -378.126+/-544.009 χ^2/NDF : 5.3/7

asym_usr_atr1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 973.864 $\pm$ 0.537 χ^2 /NDF: 16804.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 972.332 $\pm$ 0.552 χ^2 /NDF: 33707.1/4

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

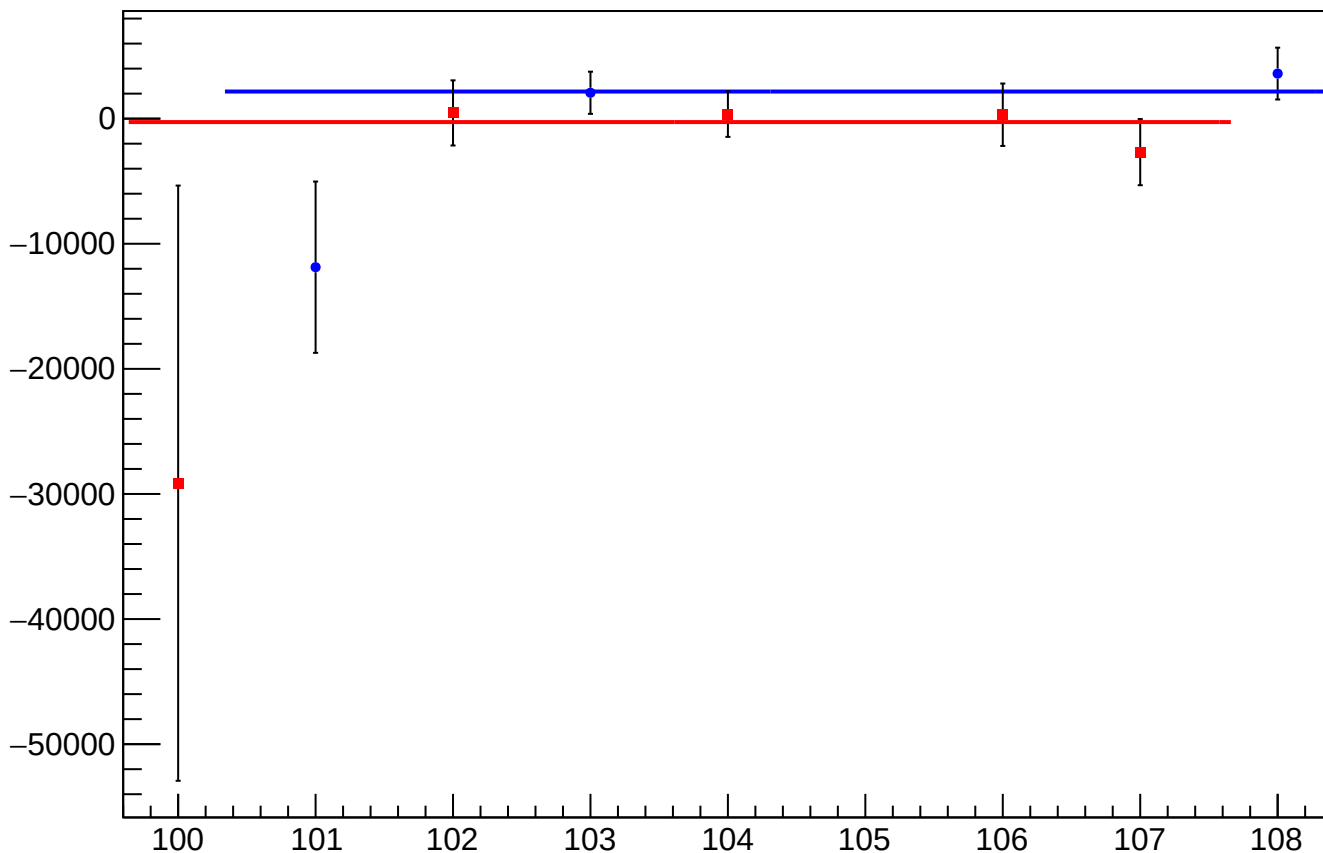
Right: 973.119 $\pm$ 0.385 χ^2 /NDF: 50515.4/7

In: 973.864 $\pm$ 0.537 χ^2 /NDF:16804.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 973.119 $\pm$ 0.385 χ^2 /NDF: 50515.4/7

eigen_cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 2167.995+/-1284.386 χ^2/NDF : 4.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -273.887+/-1150.672 χ^2/NDF : 2.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

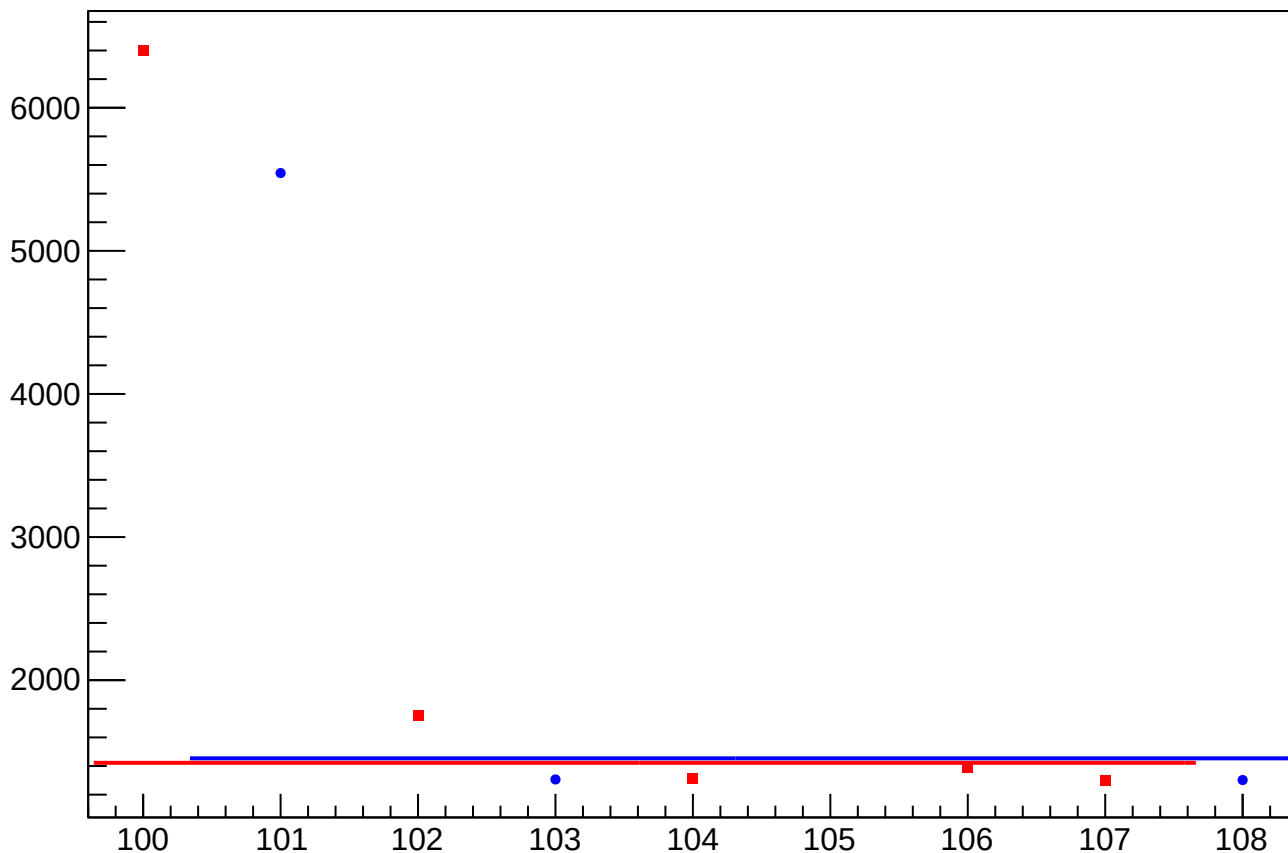
Right: 813.368+/-857.036 χ^2/NDF : 9.2/7

In: 2167.995+/-1284.386 χ^2/NDF : 4.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 813.368+/-857.036 χ^2/NDF : 9.2/7

eigen_cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1453.694+/-0.908 χ^2/NDF : 739701.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1422.495+/-0.814 χ^2/NDF : 131642.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

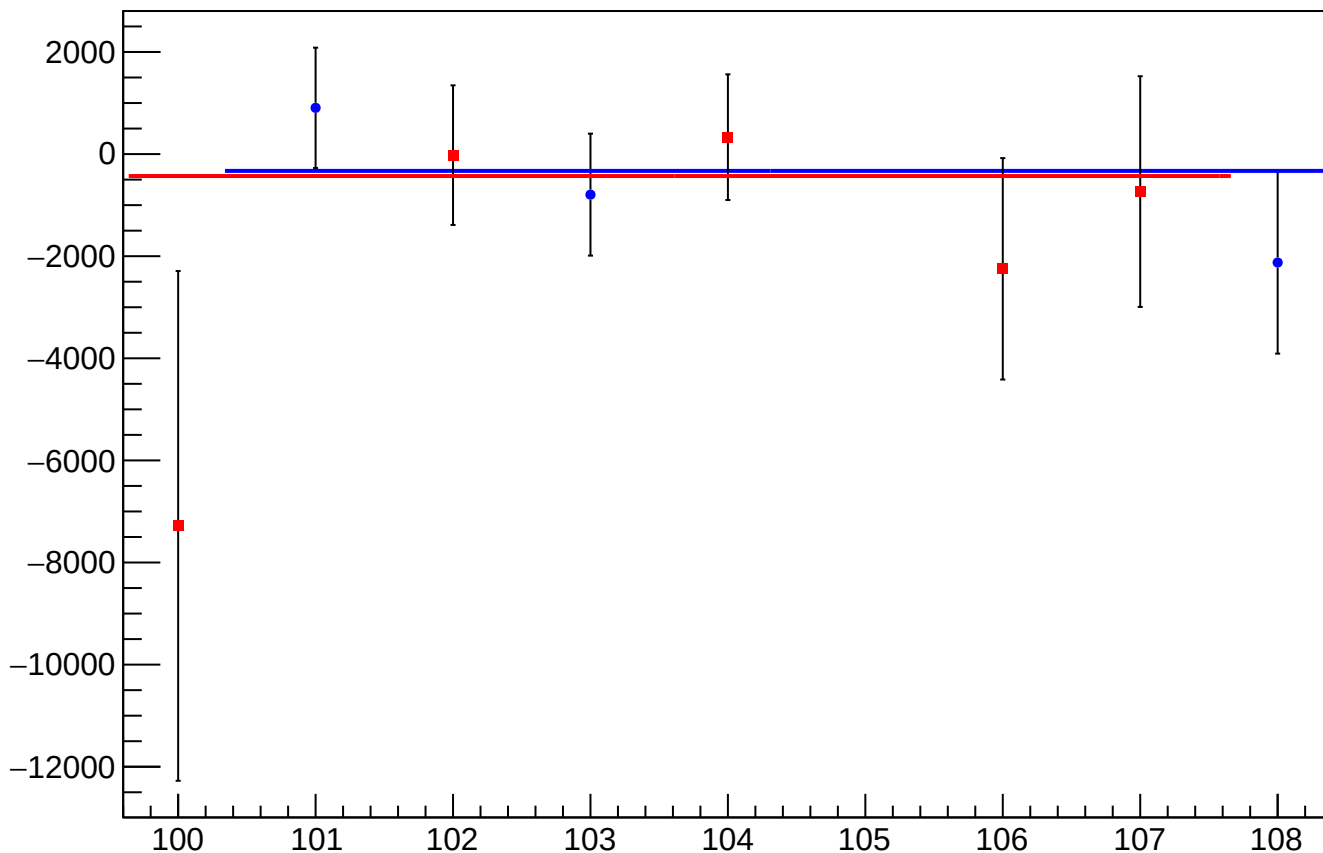
Right: 1436.386+/-0.606 χ^2/NDF : 871998.8/7

In: 1453.694+/-0.908 χ^2/NDF : 739701.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1436.386+/-0.606 χ^2/NDF : 871998.8/7

asym_usr_atr1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -329.100+/-759.106 χ^2/NDF : 2.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -429.890+/-780.009 χ^2/NDF : 3.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

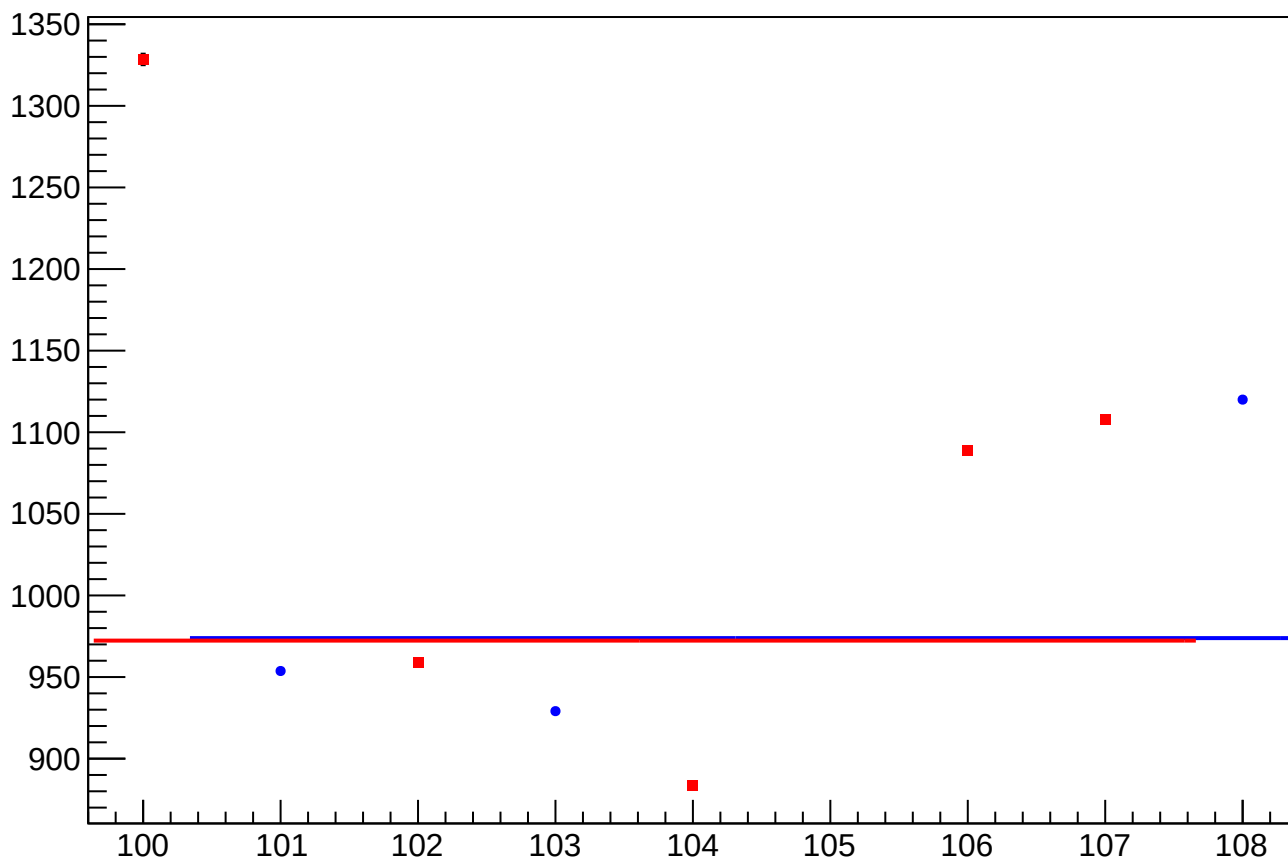
Right: -378.126+/-544.009 χ^2/NDF : 5.3/7

In: -329.100+/-759.106 χ^2/NDF : 2.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -378.126+/-544.009 χ^2/NDF : 5.3/7

asym_usr_atr1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 973.864 $\pm$ 0.537 χ^2 /NDF: 16804.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 972.332 $\pm$ 0.552 χ^2 /NDF: 33707.1/4

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

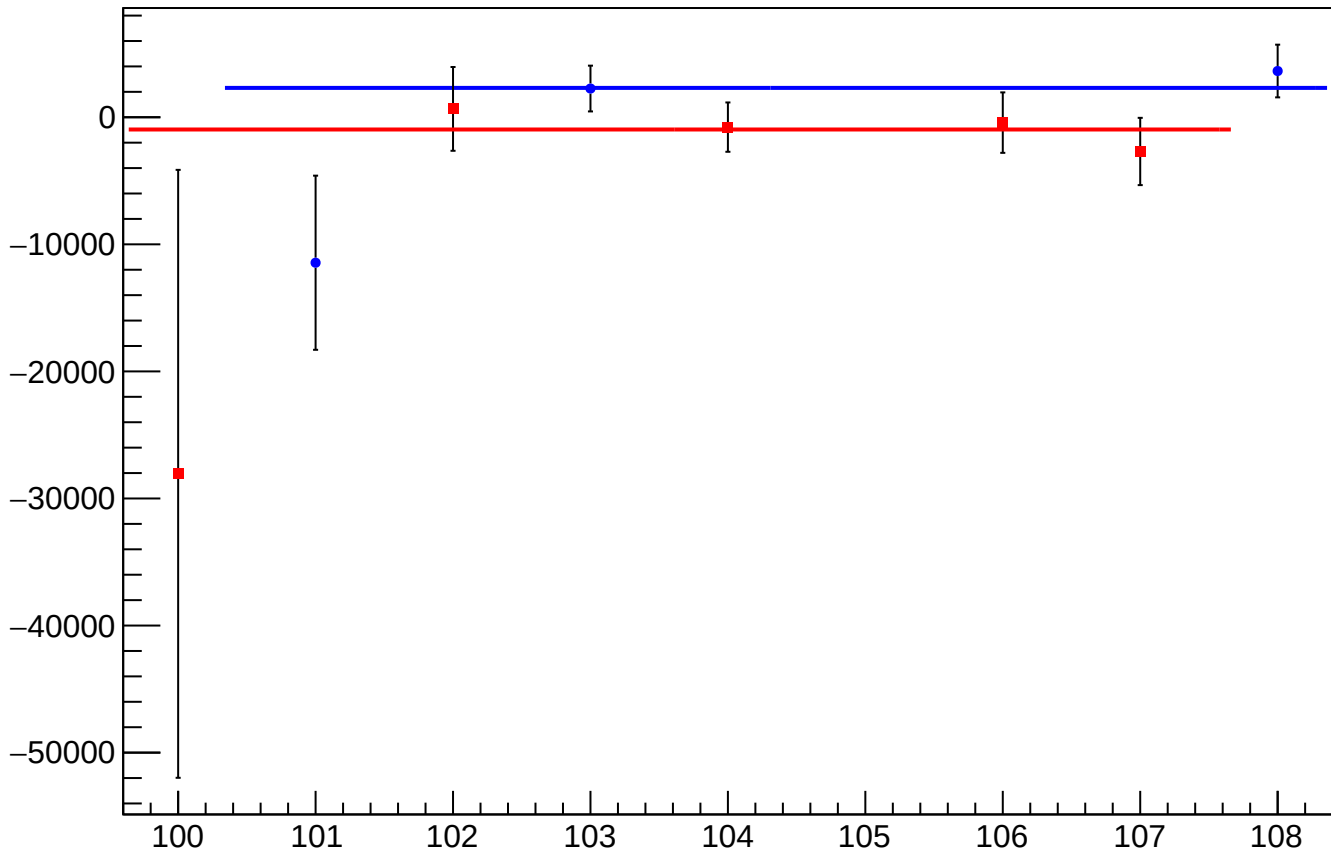
Right: 973.119 $\pm$ 0.385 χ^2 /NDF: 50515.4/7

In: 973.864 $\pm$ 0.537 χ^2 /NDF:16804.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 973.119 $\pm$ 0.385 χ^2 /NDF: 50515.4/7

dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 2310.519+/-1333.767 χ^2/NDF : 4.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -963.285+/-1213.724 χ^2/NDF : 2.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

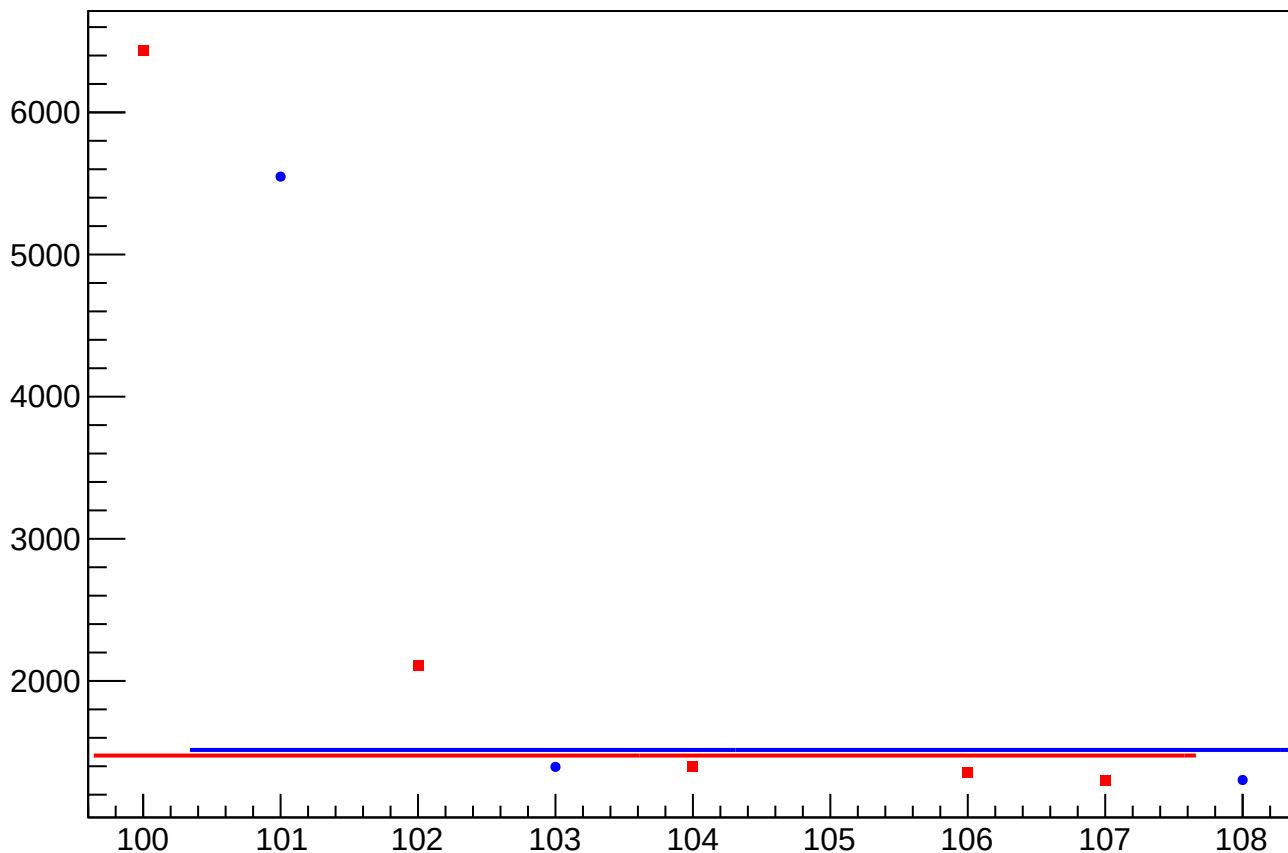
Right: 519.691+/-897.678 χ^2/NDF : 9.8/7

In: 2310.519+/-1333.767 χ^2/NDF : 4.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 519.691+/-897.678 χ^2/NDF : 9.8/7

dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1514.714+/-0.943 χ^2/NDF : 722483.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1475.359+/-0.858 χ^2/NDF : 177299.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

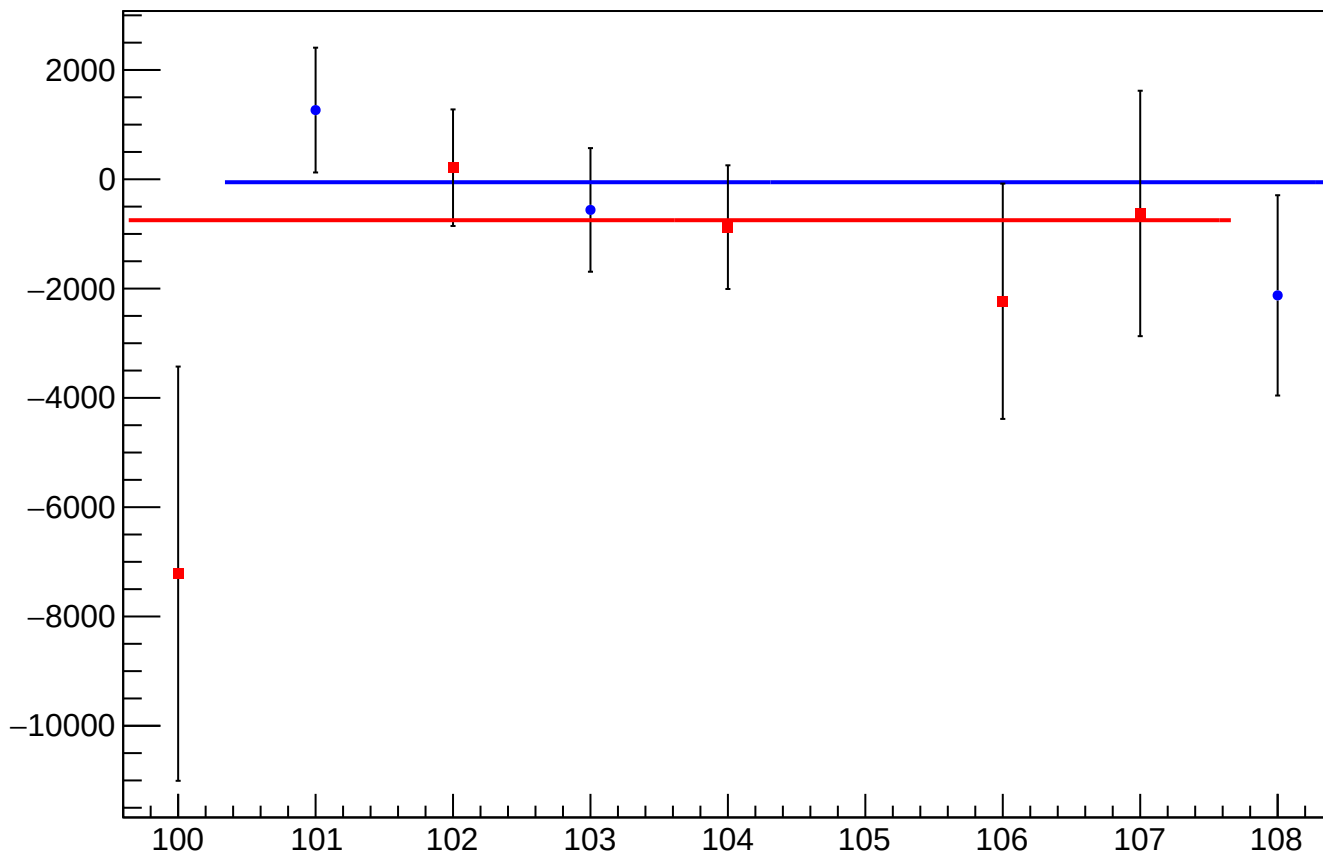
Right: 1493.186+/-0.635 χ^2/NDF : 900735.1/7

In: 1514.714+/-0.943 χ^2/NDF : 722483.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1493.186+/-0.635 χ^2/NDF : 900735.1/7

asym_usr_atr1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -53.839+/-735.931 χ^2/NDF : 2.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -748.893+/-682.966 χ^2/NDF : 4.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

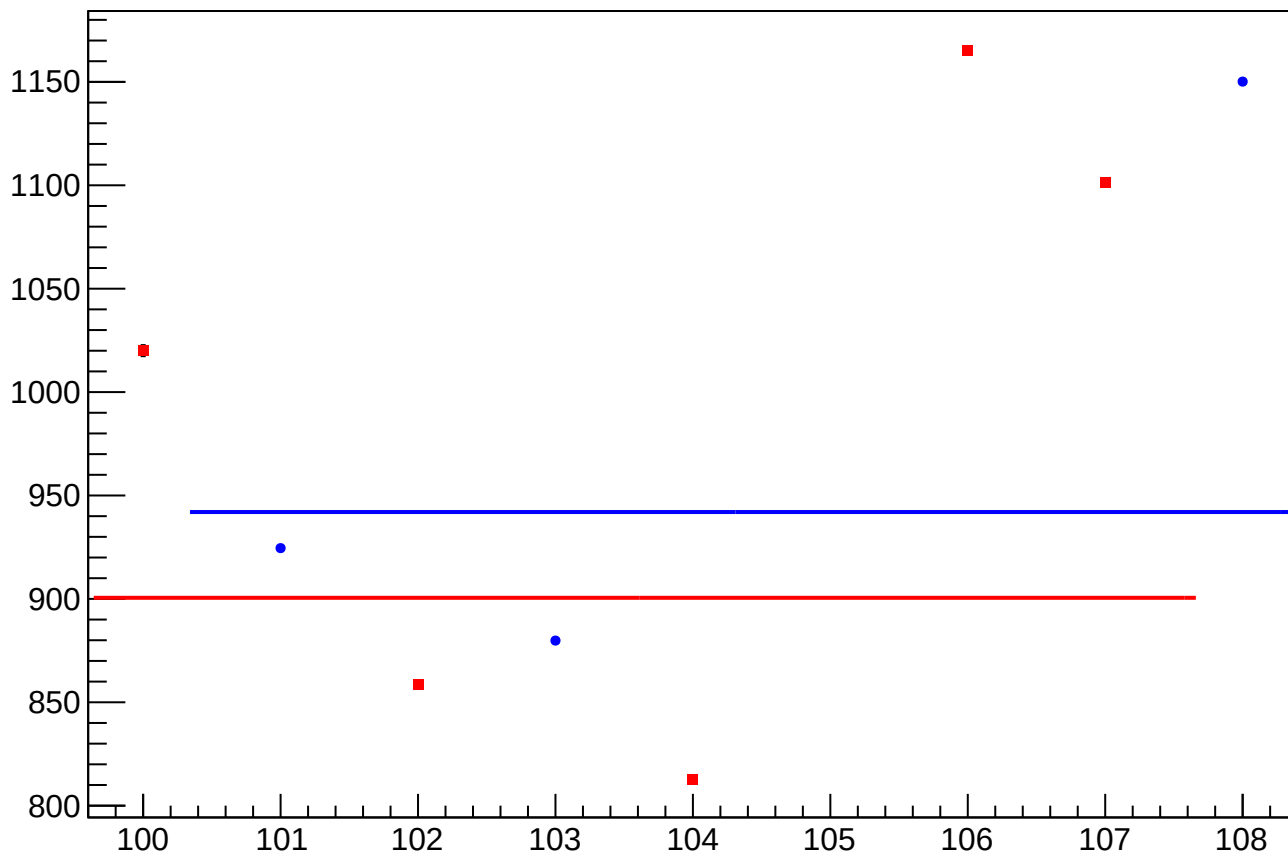
Right: -427.275+/-500.608 χ^2/NDF : 7.5/7

In: -53.839+/-735.931 χ^2/NDF : 2.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -427.275+/-500.608 χ^2/NDF : 7.5/7

asym_usr_atr1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 941.998+/-0.520 χ^2/NDF : 32307.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 900.525+/-0.483 χ^2/NDF : 63223.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

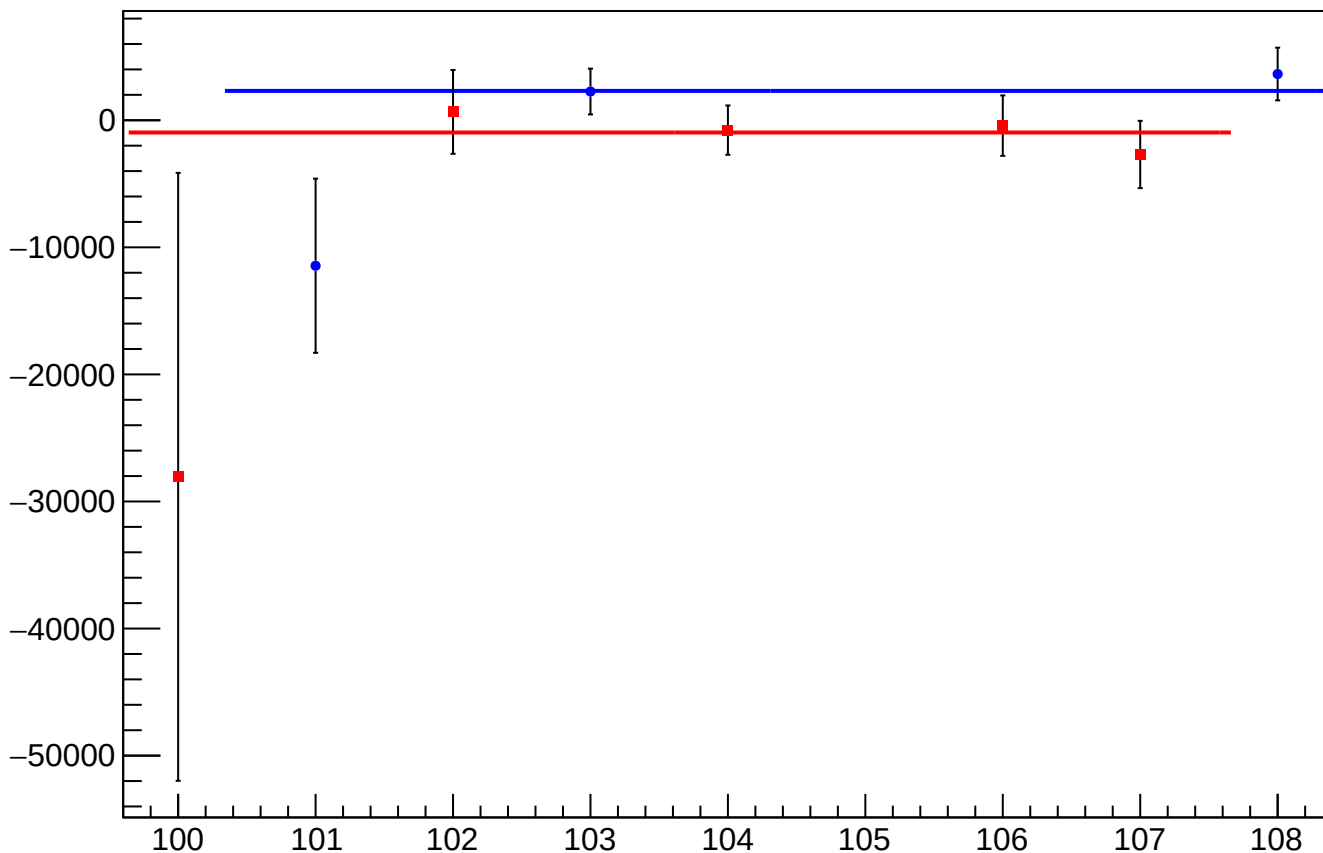
Right: 919.715+/-0.354 χ^2/NDF : 98943.4/7

In: 941.998+/-0.520 χ^2/NDF : 32307.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 919.715+/-0.354 χ^2/NDF : 98943.4/7

eigen_dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 2310.518+/-1333.767 χ^2/NDF : 4.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -963.286+/-1213.724 χ^2/NDF : 2.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

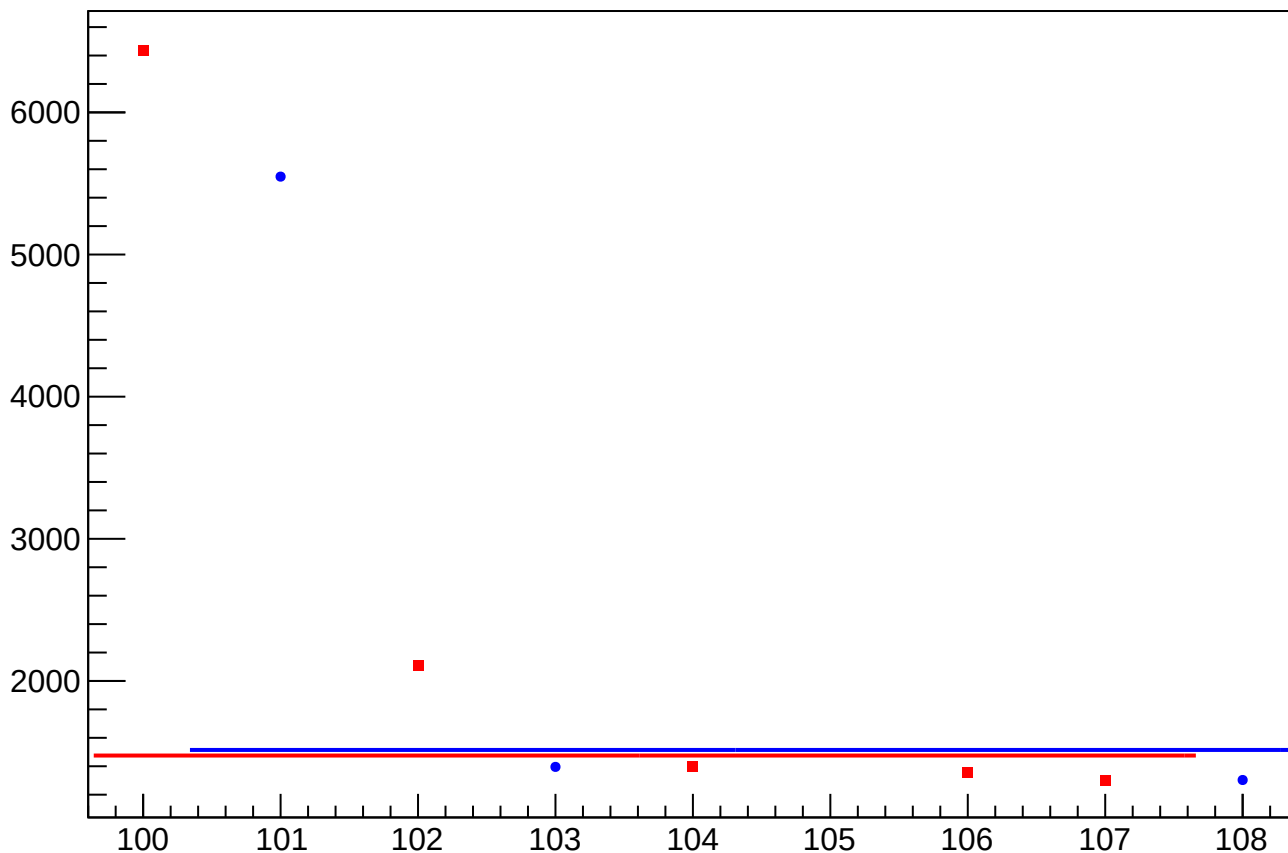
Right: 519.690+/-897.678 χ^2/NDF : 9.8/7

In: 2310.518+/-1333.767 χ^2/NDF : 4.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 519.690+/-897.678 χ^2/NDF : 9.8/7

eigen_dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1514.714+/-0.943 χ^2/NDF : 722483.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1475.359+/-0.858 χ^2/NDF : 177299.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

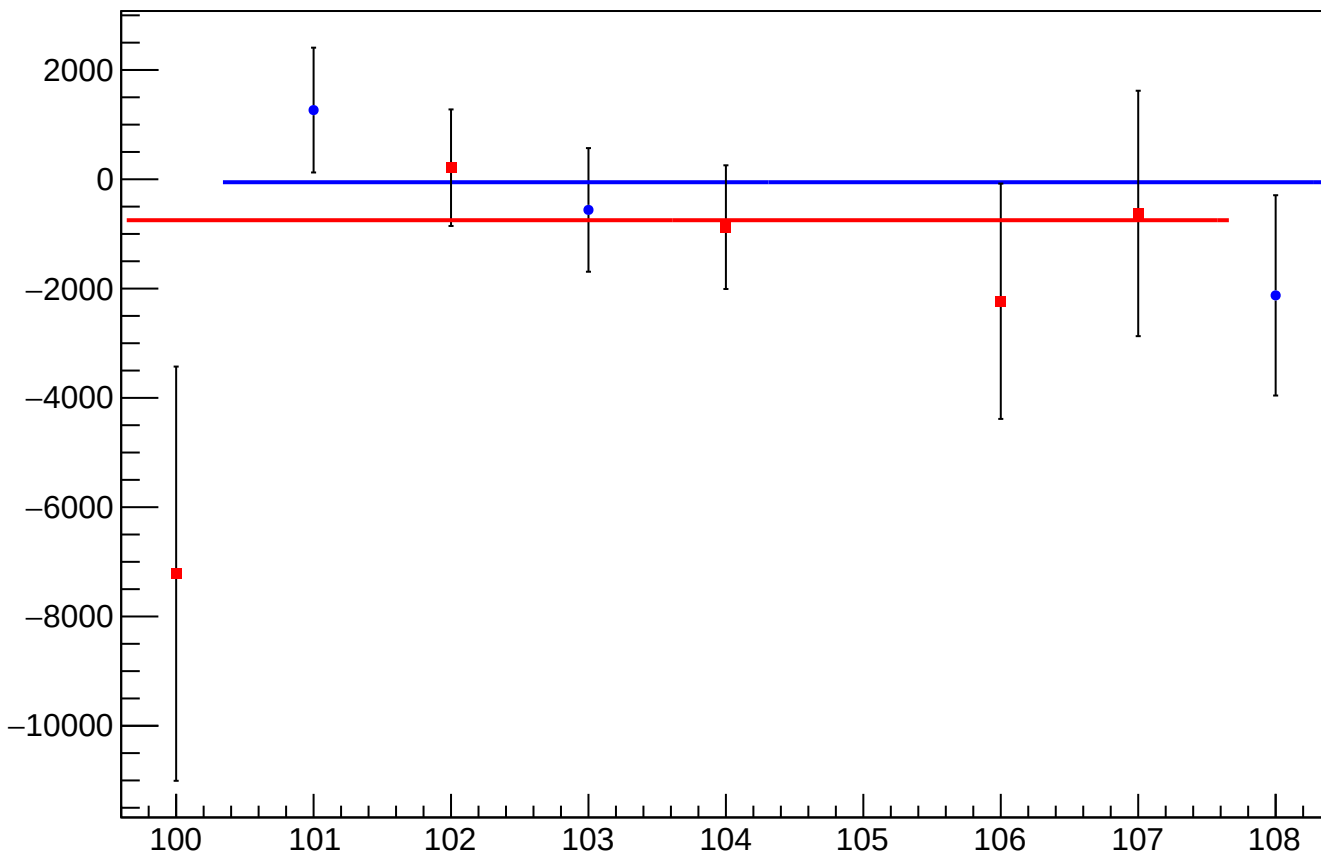
Right: 1493.186+/-0.635 χ^2/NDF : 900735.2/7

In: 1514.714+/-0.943 χ^2/NDF : 722483.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1493.186+/-0.635 χ^2/NDF : 900735.2/7

asym_usr_atr1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -53.838+/-735.931 χ^2/NDF : 2.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -748.895+/-682.968 χ^2/NDF : 4.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

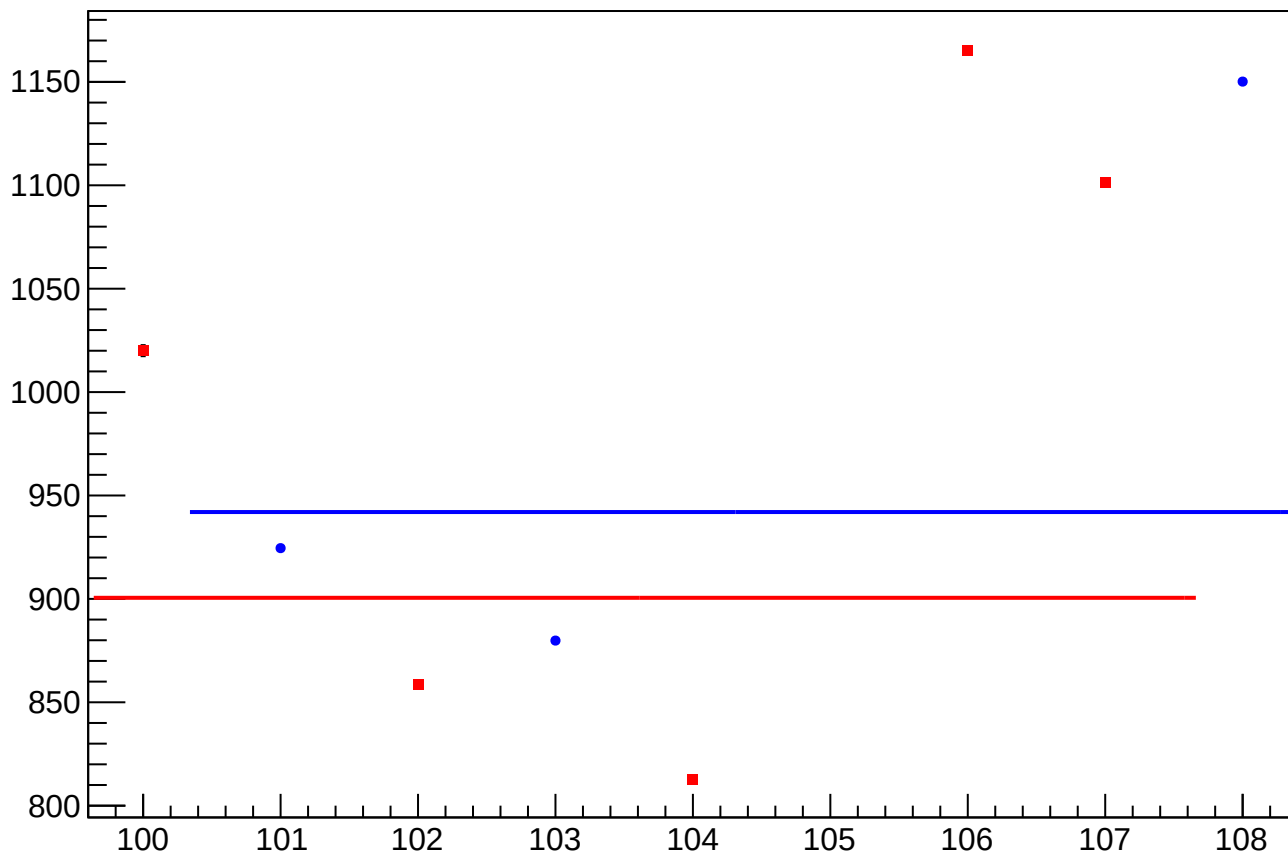
Right: -427.275+/-500.609 χ^2/NDF : 7.5/7

In: -53.838+/-735.931 χ^2/NDF : 2.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -427.275+/-500.609 χ^2/NDF : 7.5/7

asym_usr_atr1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 941.998+/-0.520 χ^2/NDF : 32307.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 900.526+/-0.483 χ^2/NDF : 63222.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

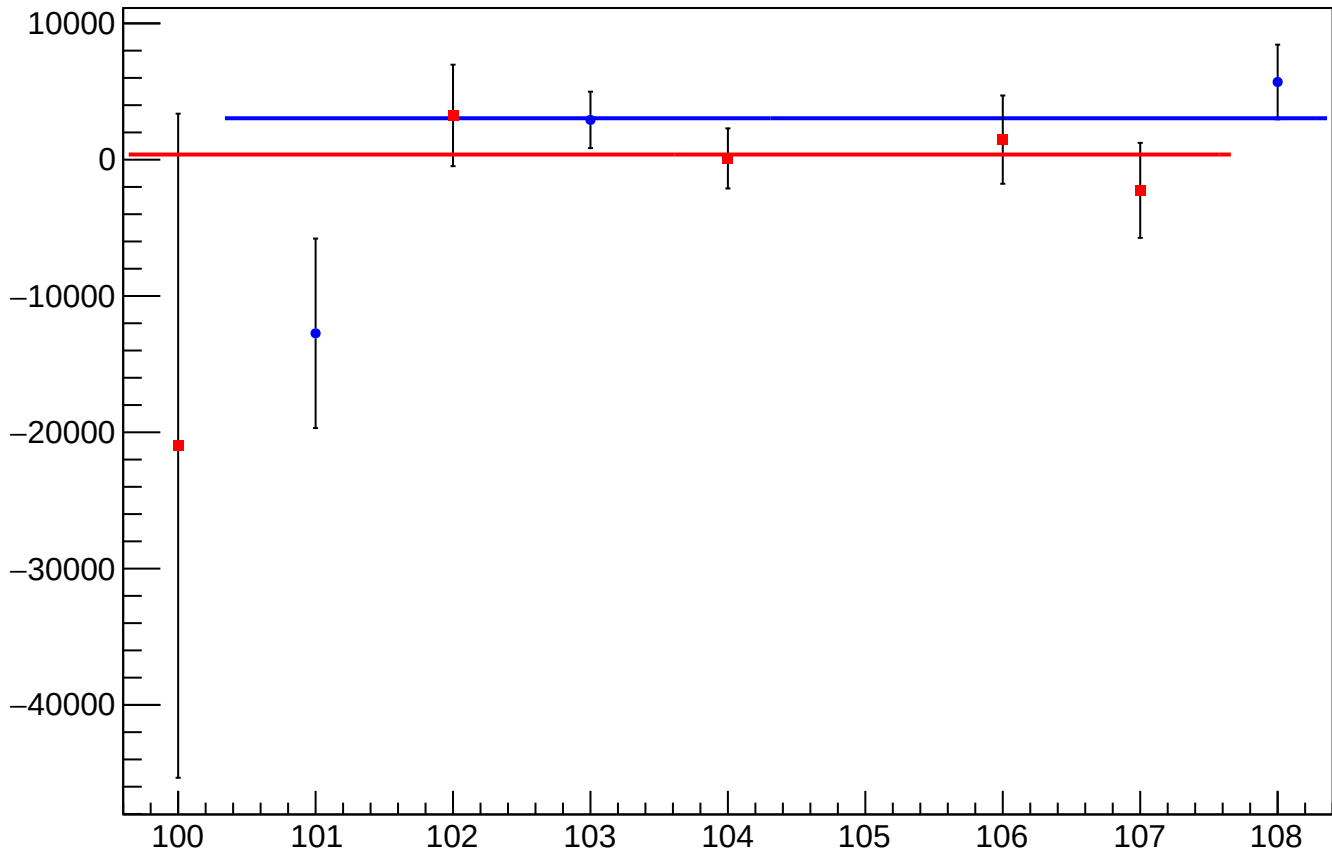
Right: 919.716+/-0.354 χ^2/NDF : 98942.2/7

In: 941.998+/-0.520 χ^2/NDF : 32307.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 919.716+/-0.354 χ^2/NDF : 98942.2/7

asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 3039.898+/-1606.930 χ^2/NDF : 6.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 378.975+/-1478.347 χ^2/NDF : 2.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

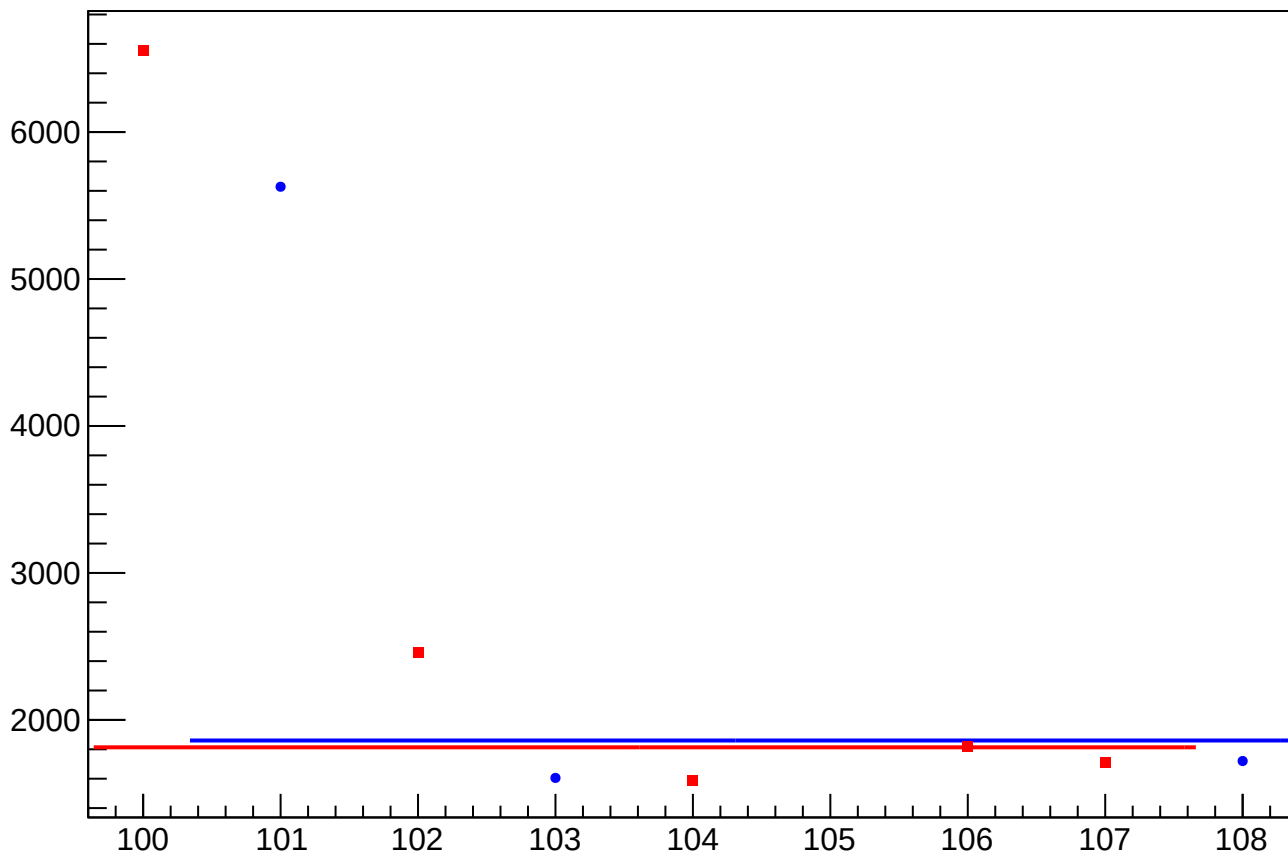
Right: 1598.732+/-1087.971 χ^2/NDF : 9.6/7

In: 3039.898+/-1606.930 χ^2/NDF : 6.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1598.732+/-1087.971 χ^2/NDF : 9.6/7

asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1859.963+/-1.136 χ^2/NDF : 623226.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1813.513+/-1.045 χ^2/NDF : 158417.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

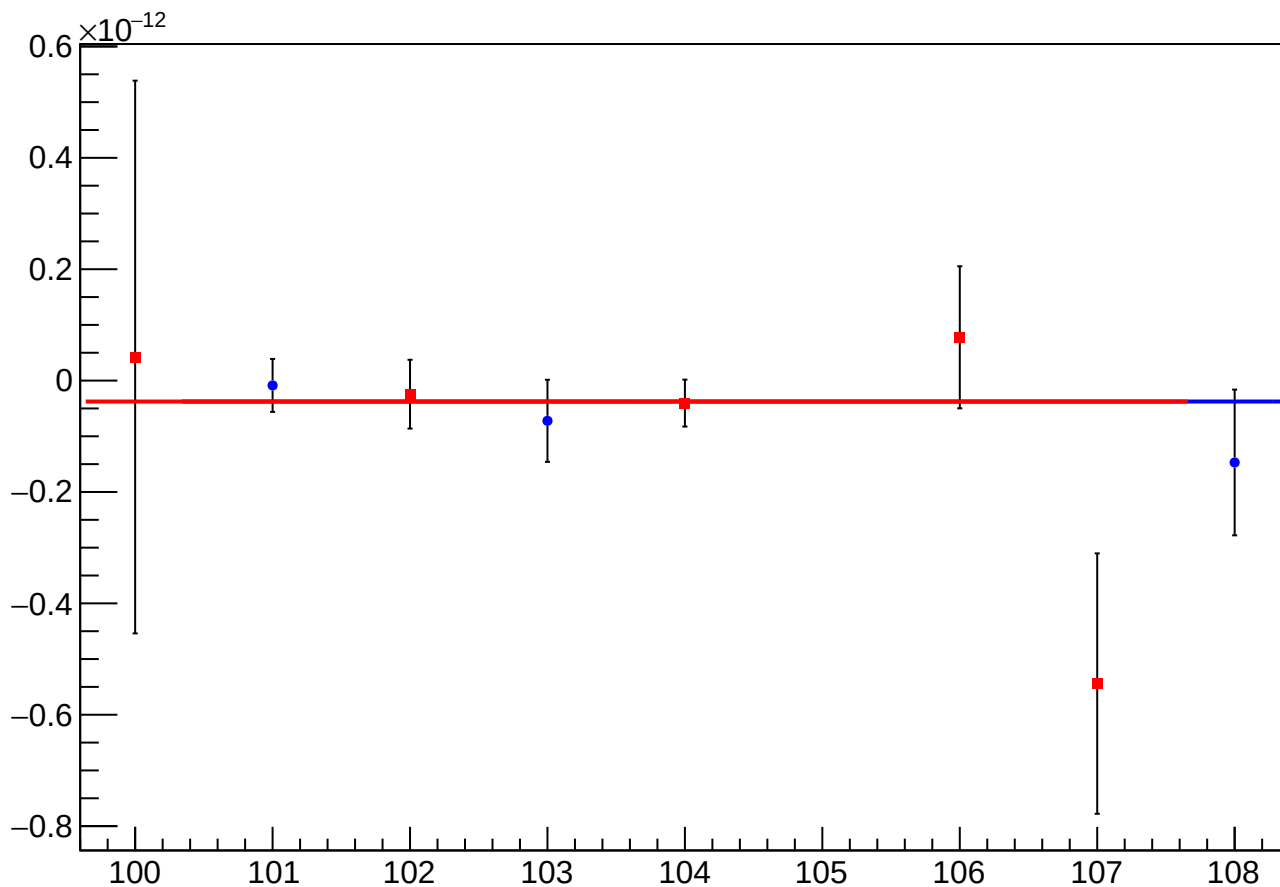
Right: 1834.805+/-0.769 χ^2/NDF : 782549.2/7

In: 1859.963+/-1.136 χ^2/NDF : 623226.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1834.805+/-0.769 χ^2/NDF : 782549.2/7

asym_usr_atr1_dd_reg_vs_slug_corr_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

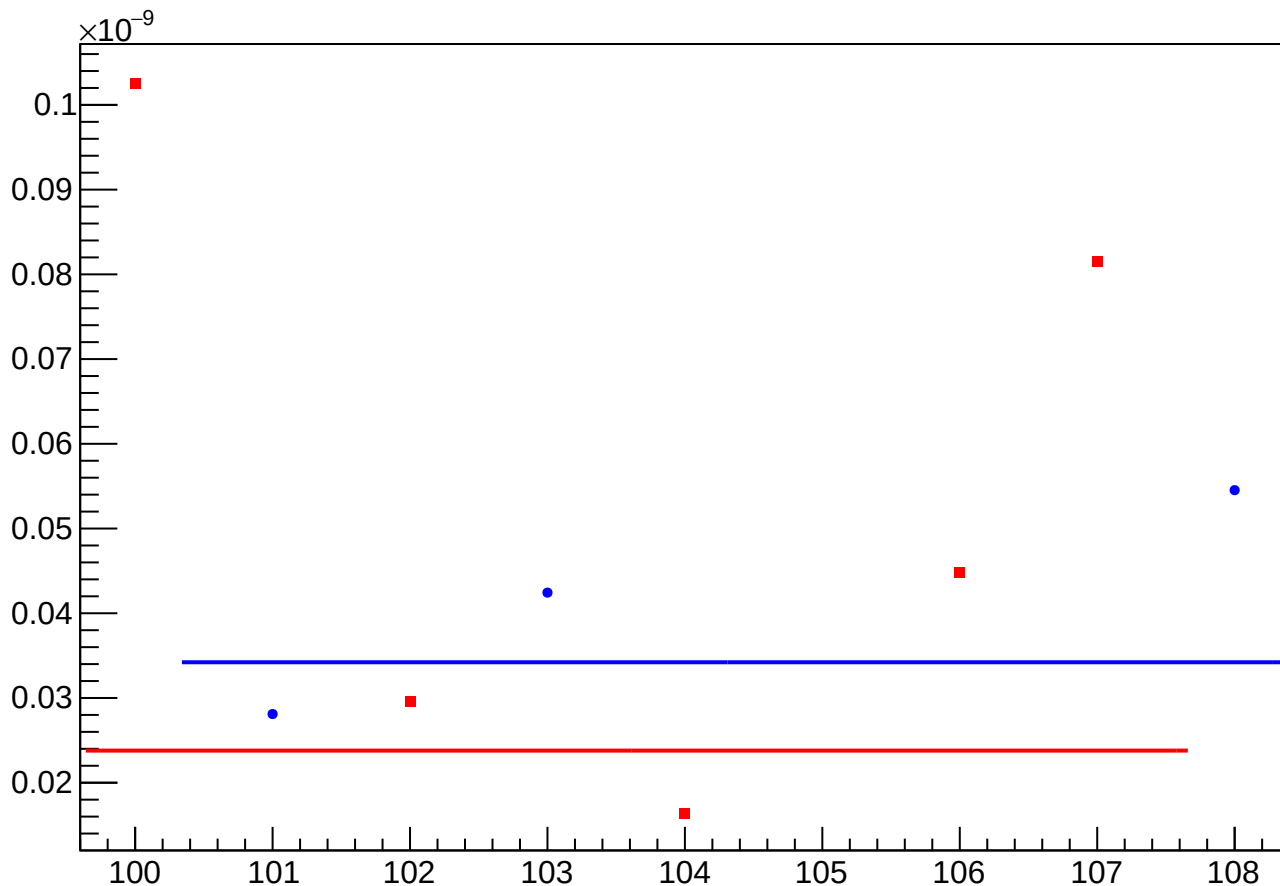
Right: -0.000+/-0.000 χ^2/NDF : 6.9/7

In: -0.000+/-0.000 χ^2/NDF : 1.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.9/7

asym_usr_atr1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 106071.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 306623.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

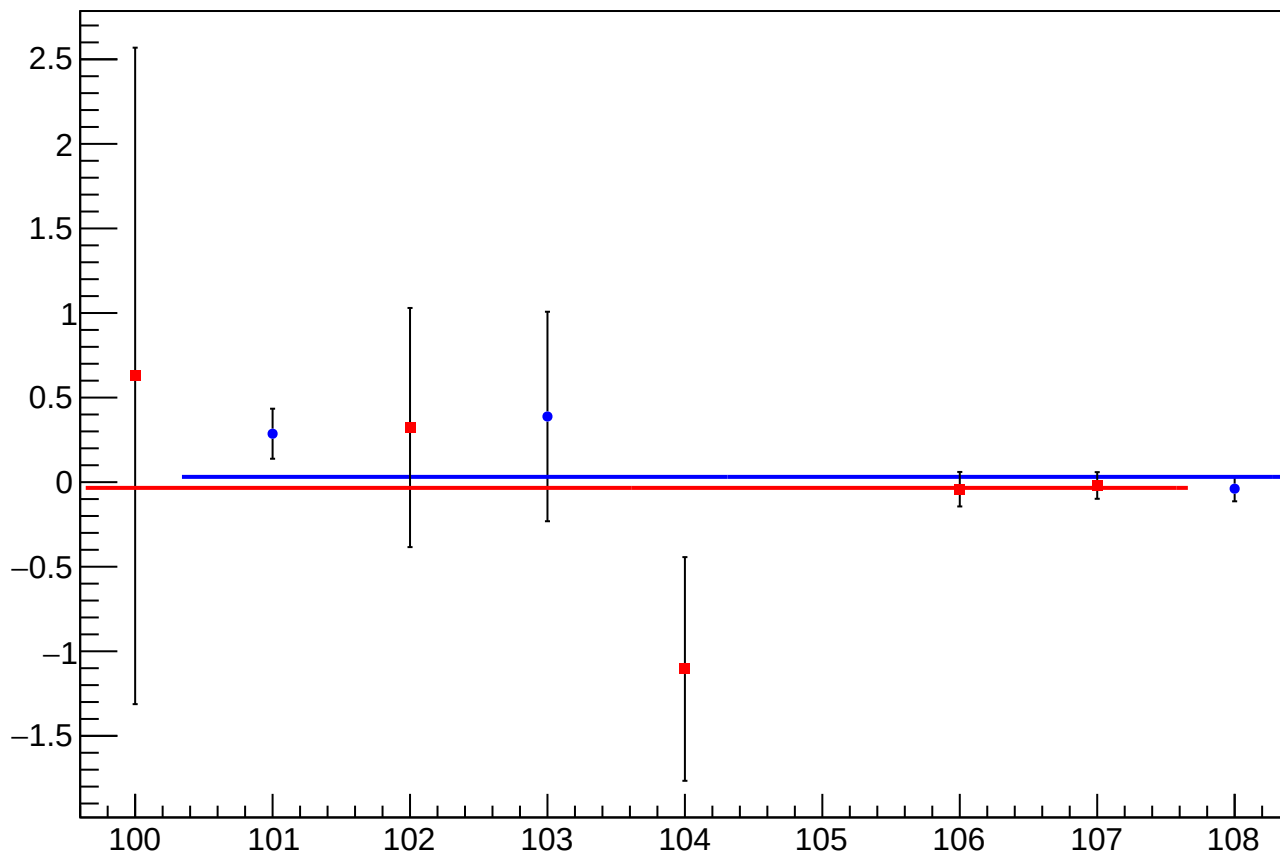
Right: 0.000+/-0.000 χ^2/NDF : 497586.2/7

In: 0.000+/-0.000 χ^2/NDF : 106071.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 497586.2/7

asym_usr_atr1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.031 $\pm$ 0.066 χ^2 /NDF: 4.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.034 $\pm$ 0.062 χ^2 /NDF: 3.0/4

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

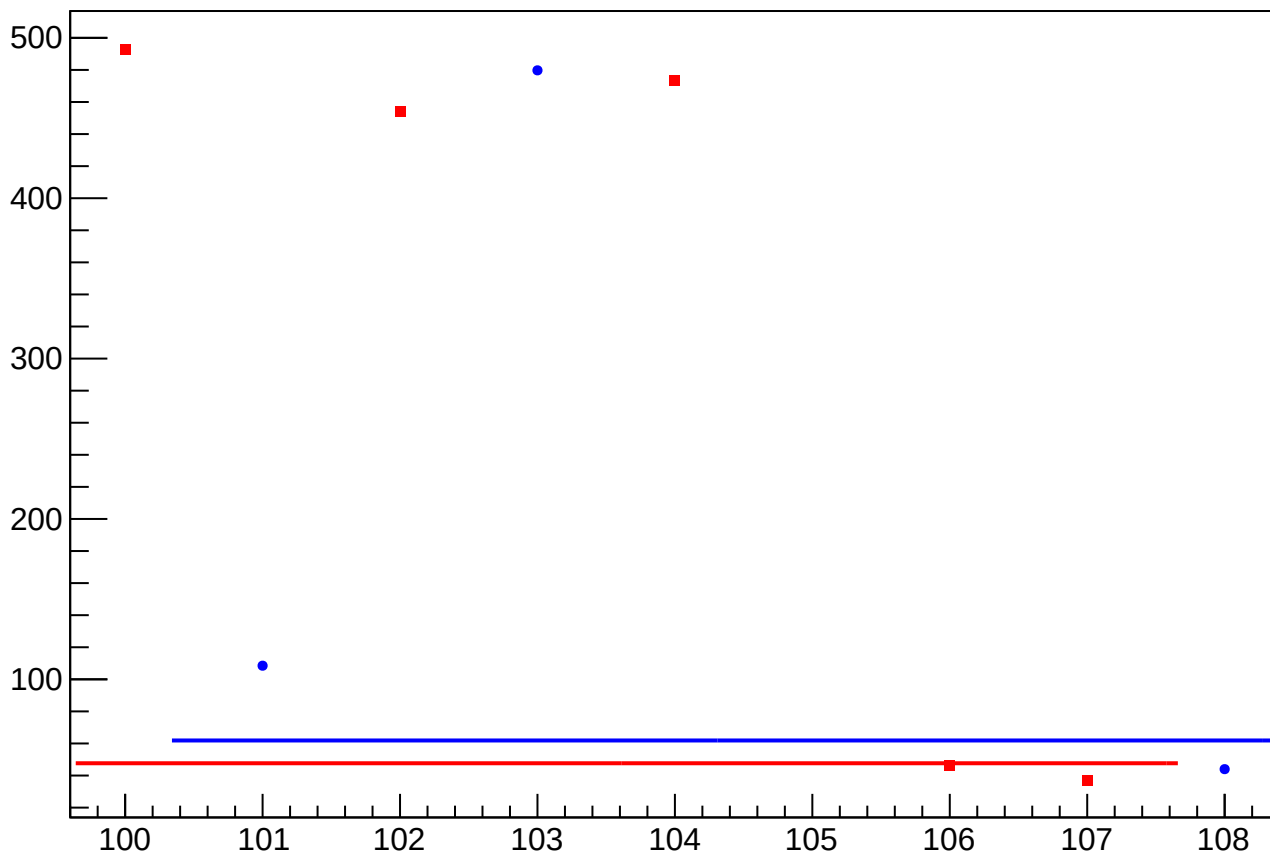
Right: -0.004 $\pm$ 0.045 χ^2 /NDF: 7.7/7

In: 0.031 $\pm$ 0.066 χ^2 /NDF:4.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.045 χ^2 /NDF: 7.7/7

asym_usr_atr1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.868+/-0.047 χ^2/NDF : 1224261.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.664+/-0.044 χ^2/NDF : 1633709.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

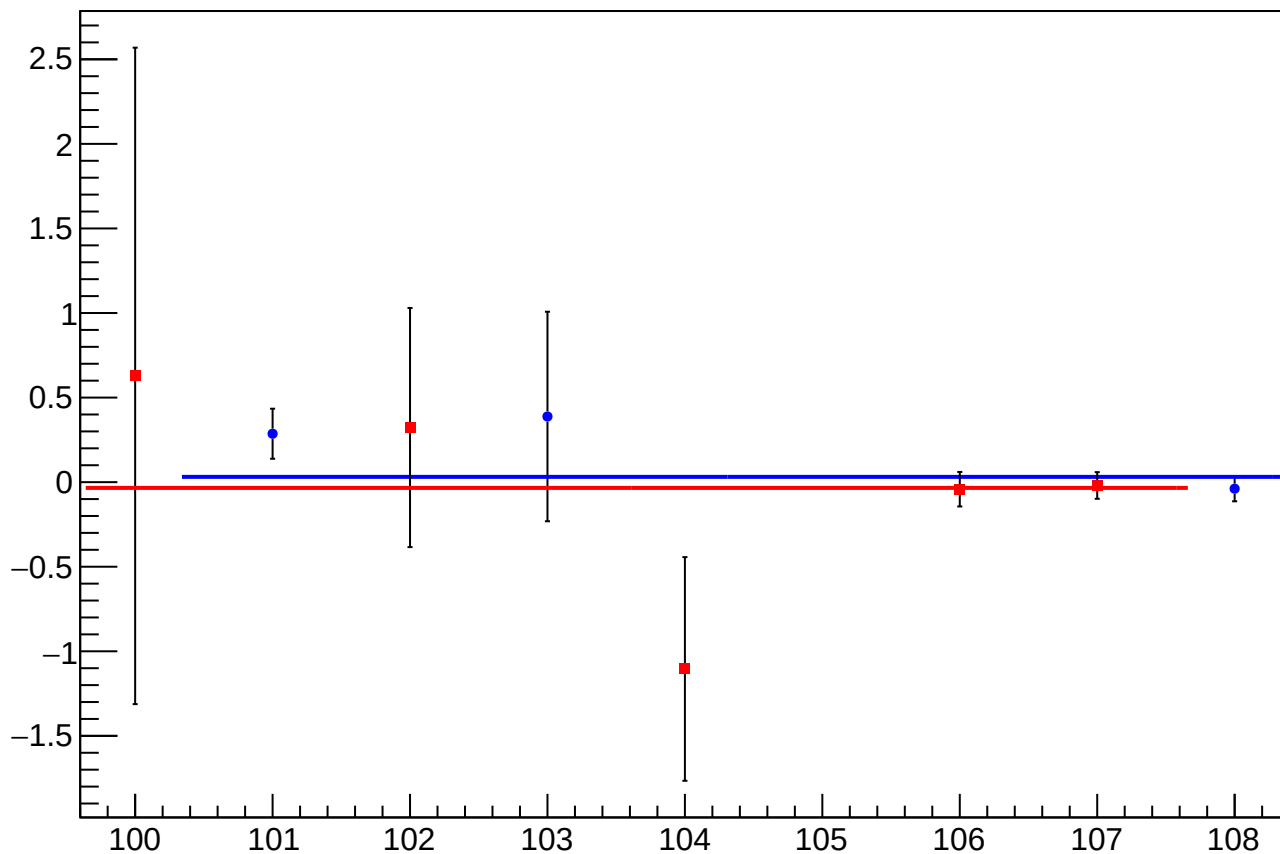
Right: 54.283+/-0.032 χ^2/NDF : 2907181.6/7

In: 61.868+/-0.047 χ^2/NDF : 1224261.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.283+/-0.032 χ^2/NDF : 2907181.6/7

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.031+/-0.066 χ^2/NDF : 4.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.034+/-0.062 χ^2/NDF : 3.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

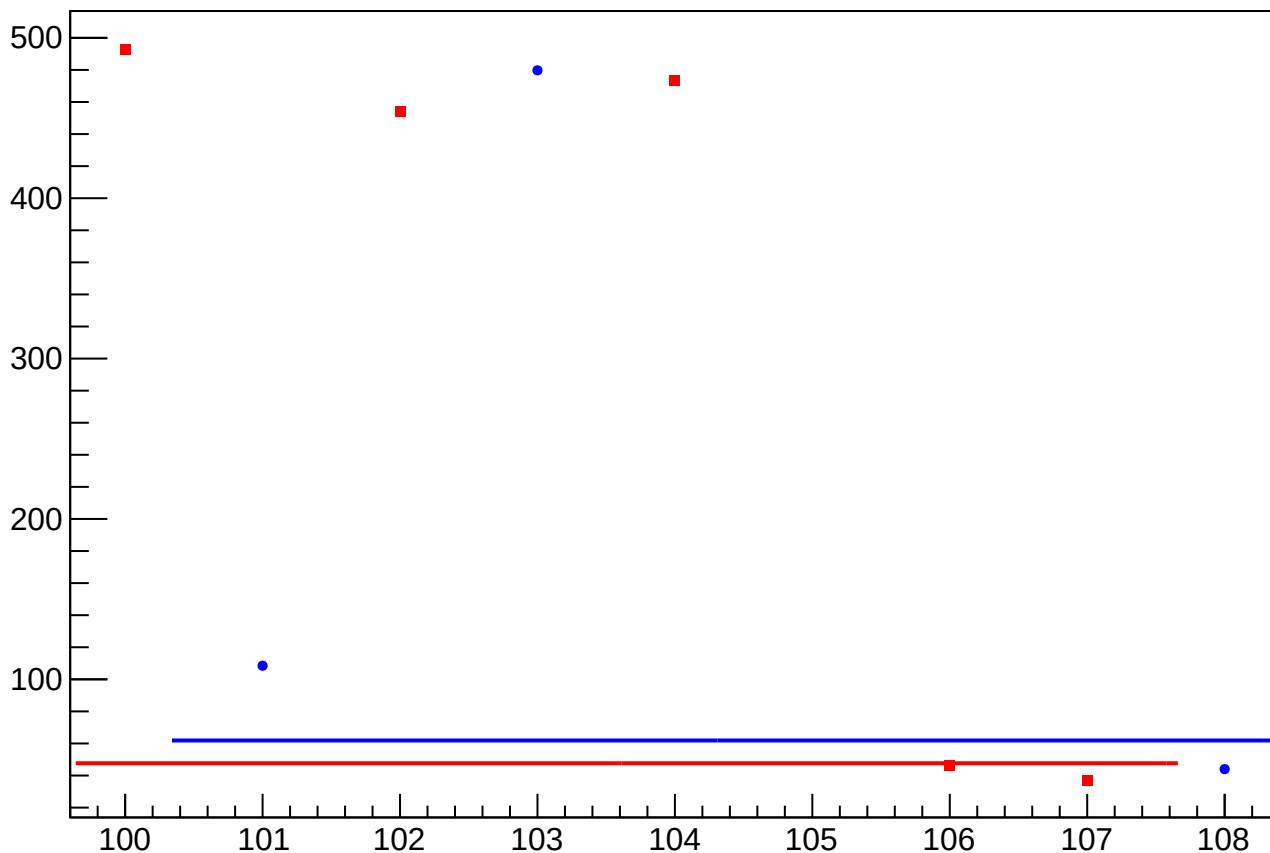
Right: -0.004+/-0.045 χ^2/NDF : 7.7/7

In: 0.031+/-0.066 χ^2/NDF : 4.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.004+/-0.045 χ^2/NDF : 7.7/7

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.868+/-0.047 χ^2/NDF : 1224261.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.664+/-0.044 χ^2/NDF : 1633709.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

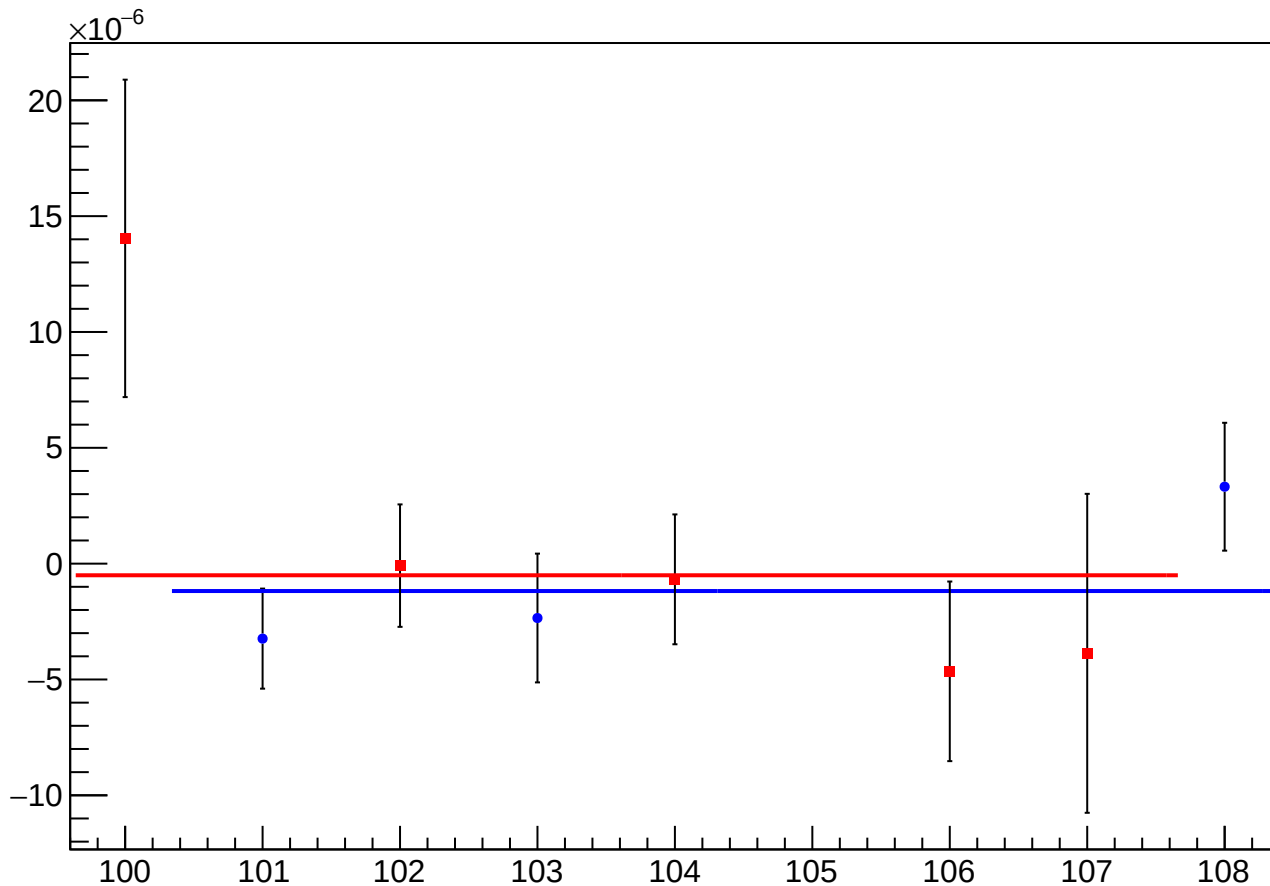
Right: 54.283+/-0.032 χ^2/NDF : 2907181.6/7

In: 61.868+/-0.047 χ^2/NDF : 1224261.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.283+/-0.032 χ^2/NDF : 2907181.6/7

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

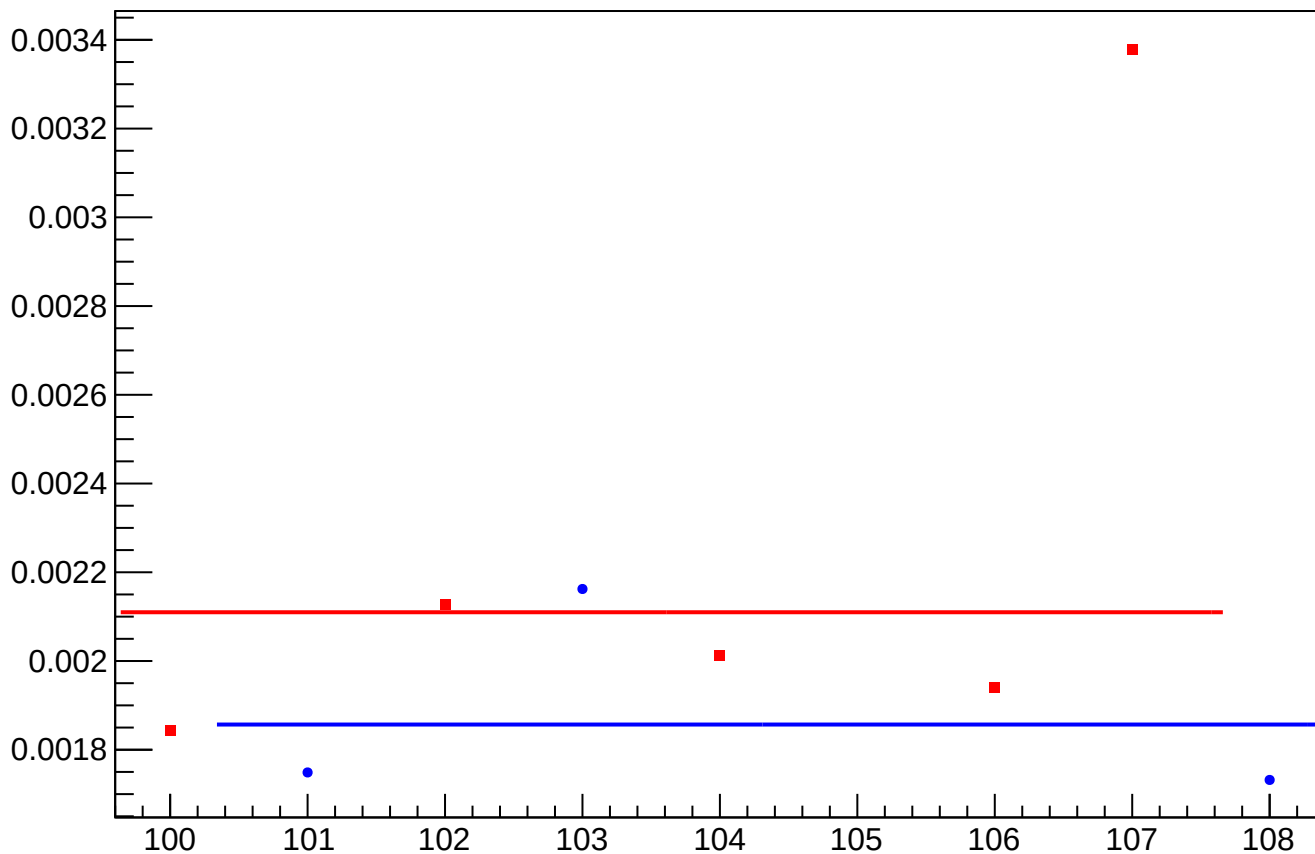
Right: -0.000+/-0.000 χ^2/NDF : 9.8/7

In: -0.000+/-0.000 χ^2/NDF : 3.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.8/7

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 33259.6/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 77172.3/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

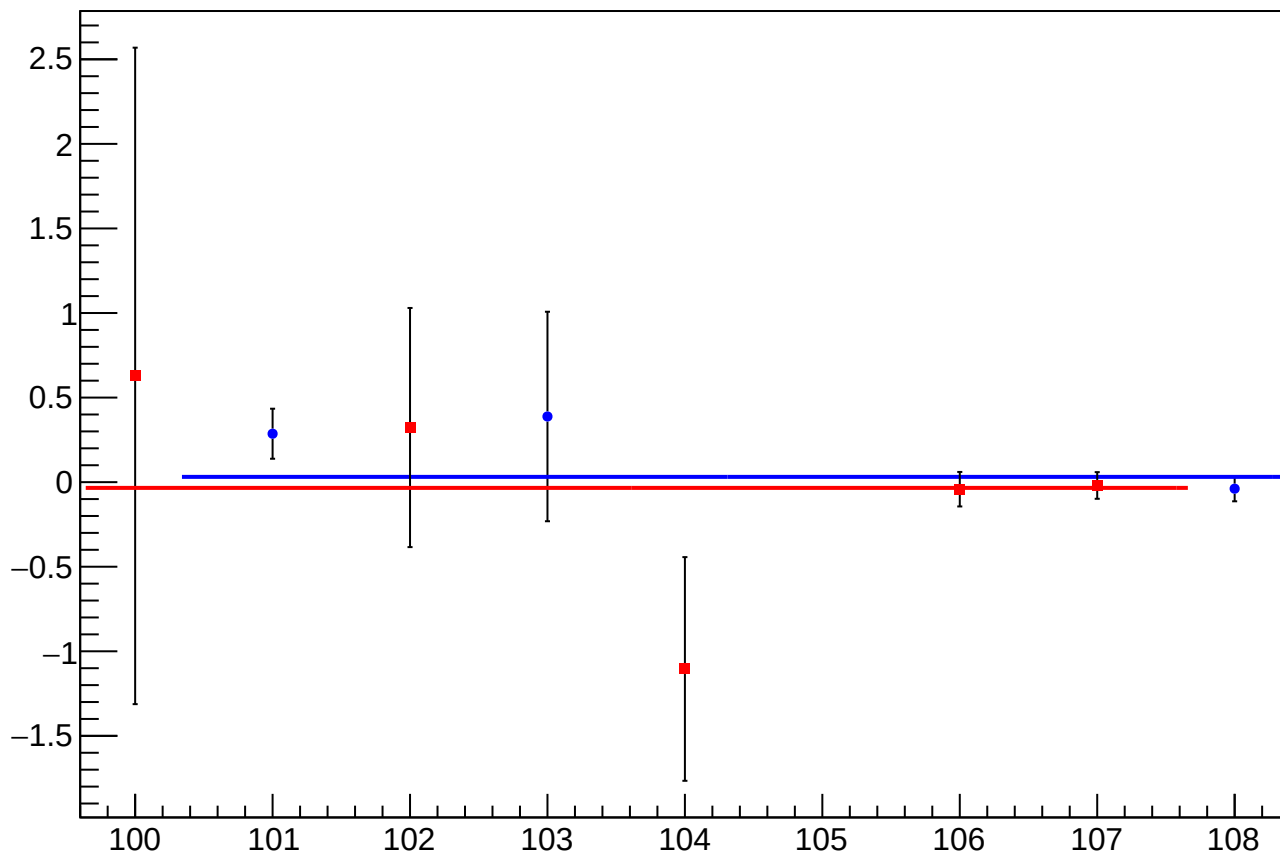
Right: 0.002+/-0.000 χ^2/NDF : 137458.9/7

In: 0.002+/-0.000 χ^2/NDF :33259.6/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 137458.9/7

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.031 $\pm$ 0.066 χ^2 /NDF: 4.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.034 $\pm$ 0.062 χ^2 /NDF: 3.0/4

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

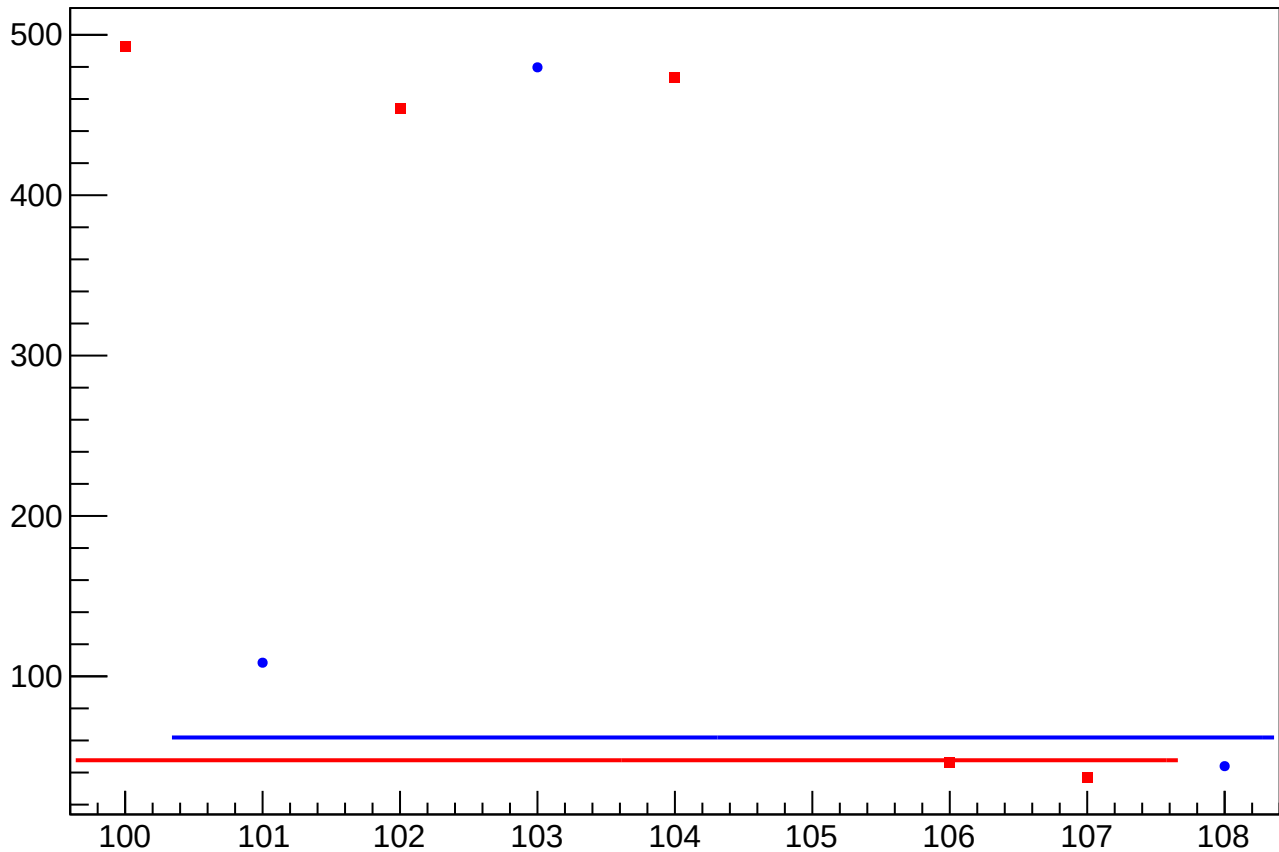
Right: -0.004 $\pm$ 0.045 χ^2 /NDF: 7.7/7

In: 0.031 $\pm$ 0.066 χ^2 /NDF:4.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.045 χ^2 /NDF: 7.7/7

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.866+/-0.047 χ^2/NDF : 1224288.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.664+/-0.044 χ^2/NDF : 1633712.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

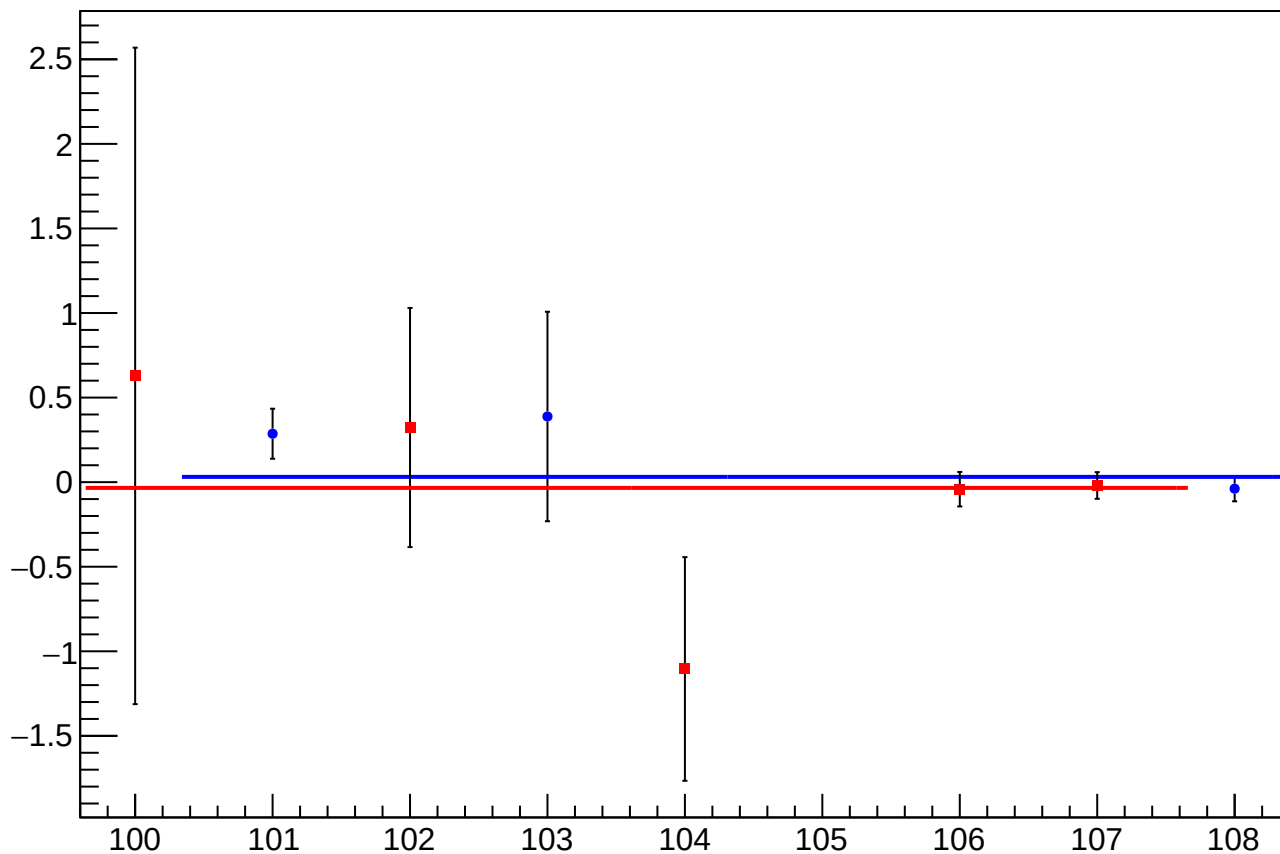
Right: 54.282+/-0.032 χ^2/NDF : 2907199.2/7

In: 61.866+/-0.047 χ^2/NDF : 1224288.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.282+/-0.032 χ^2/NDF : 2907199.2/7

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.031 $\pm$ 0.066 χ^2 /NDF: 4.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.034 $\pm$ 0.062 χ^2 /NDF: 3.0/4

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

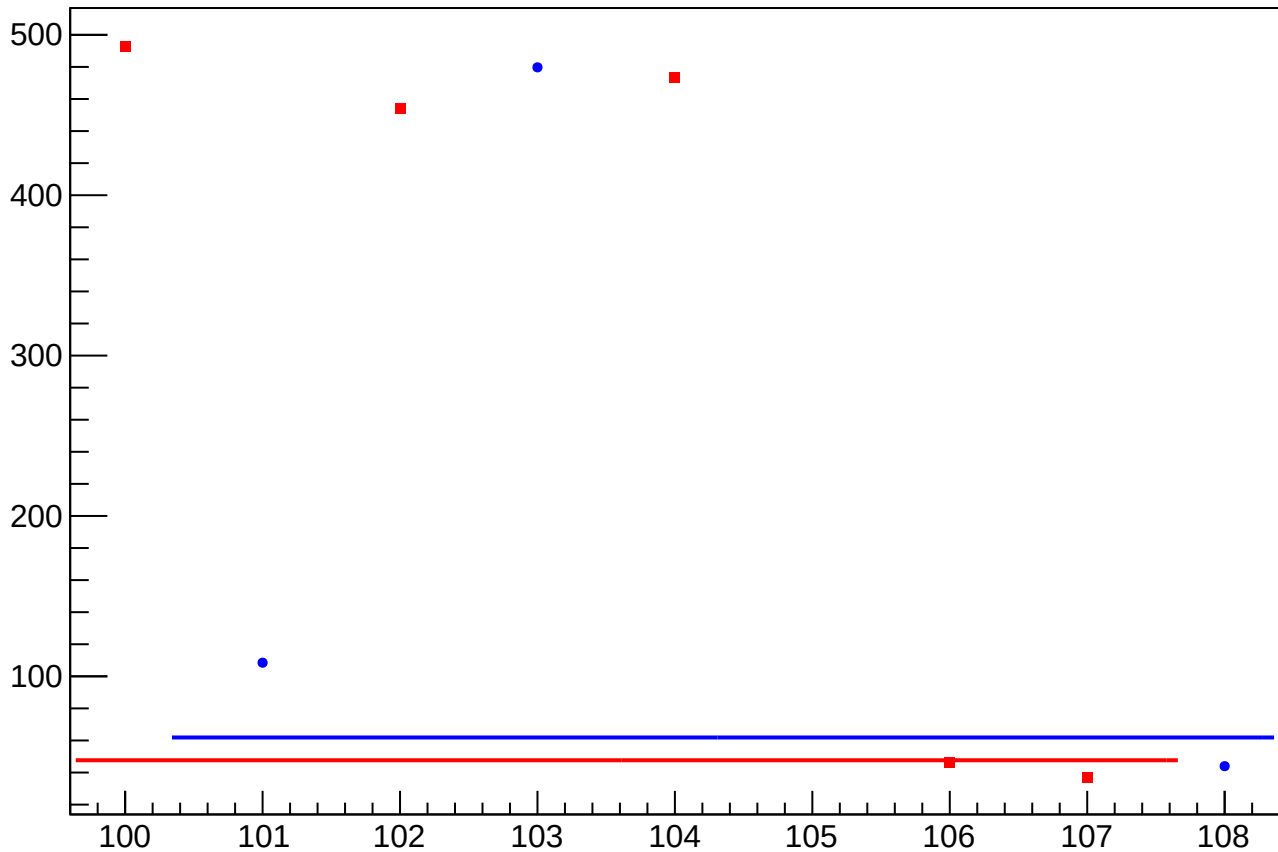
Right: -0.004 $\pm$ 0.045 χ^2 /NDF: 7.7/7

In: 0.031 $\pm$ 0.066 χ^2 /NDF:4.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.045 χ^2 /NDF: 7.7/7

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.866+/-0.047 χ^2/NDF : 1224288.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.664+/-0.044 χ^2/NDF : 1633712.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

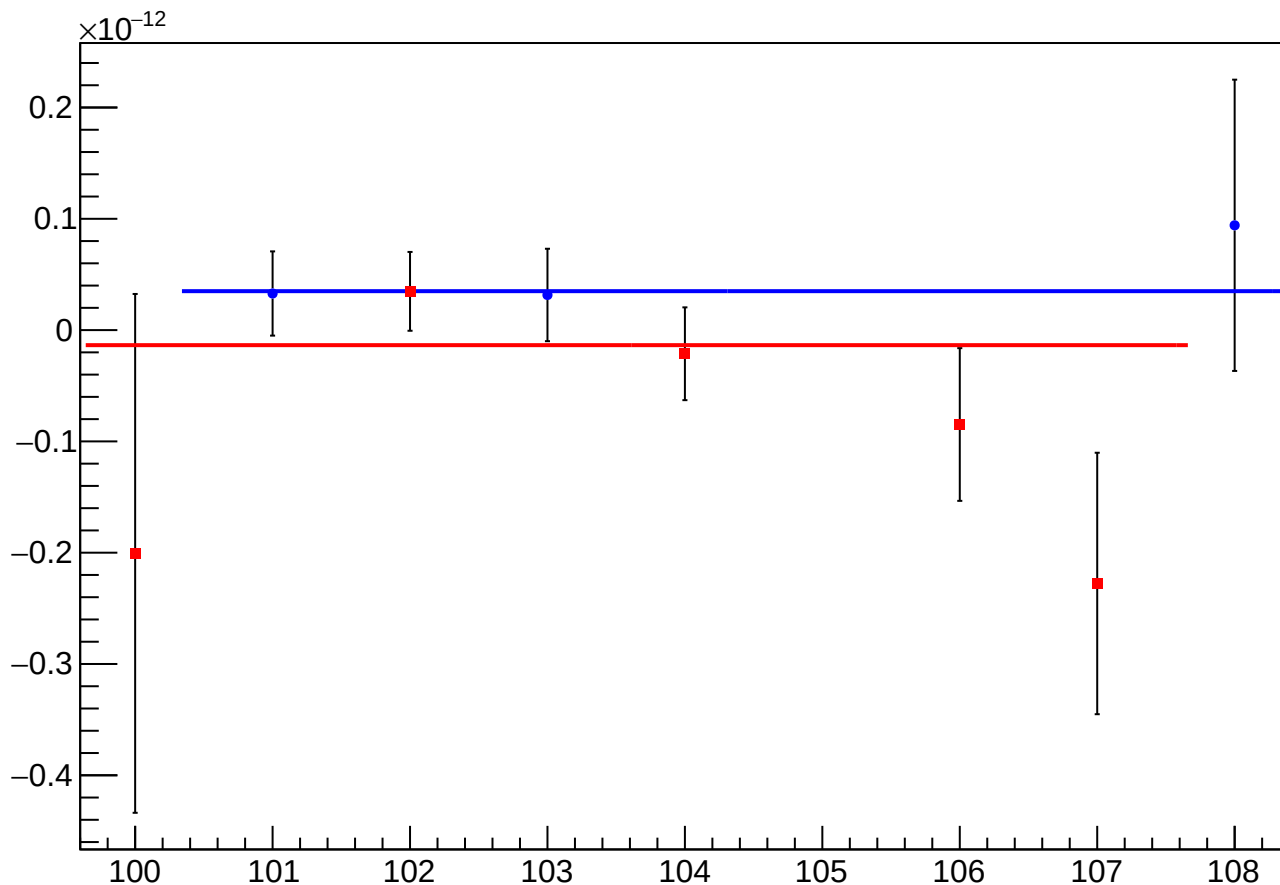
Right: 54.282+/-0.032 χ^2/NDF : 2907199.2/7

In: 61.866+/-0.047 χ^2/NDF : 1224288.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.282+/-0.032 χ^2/NDF : 2907199.2/7

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

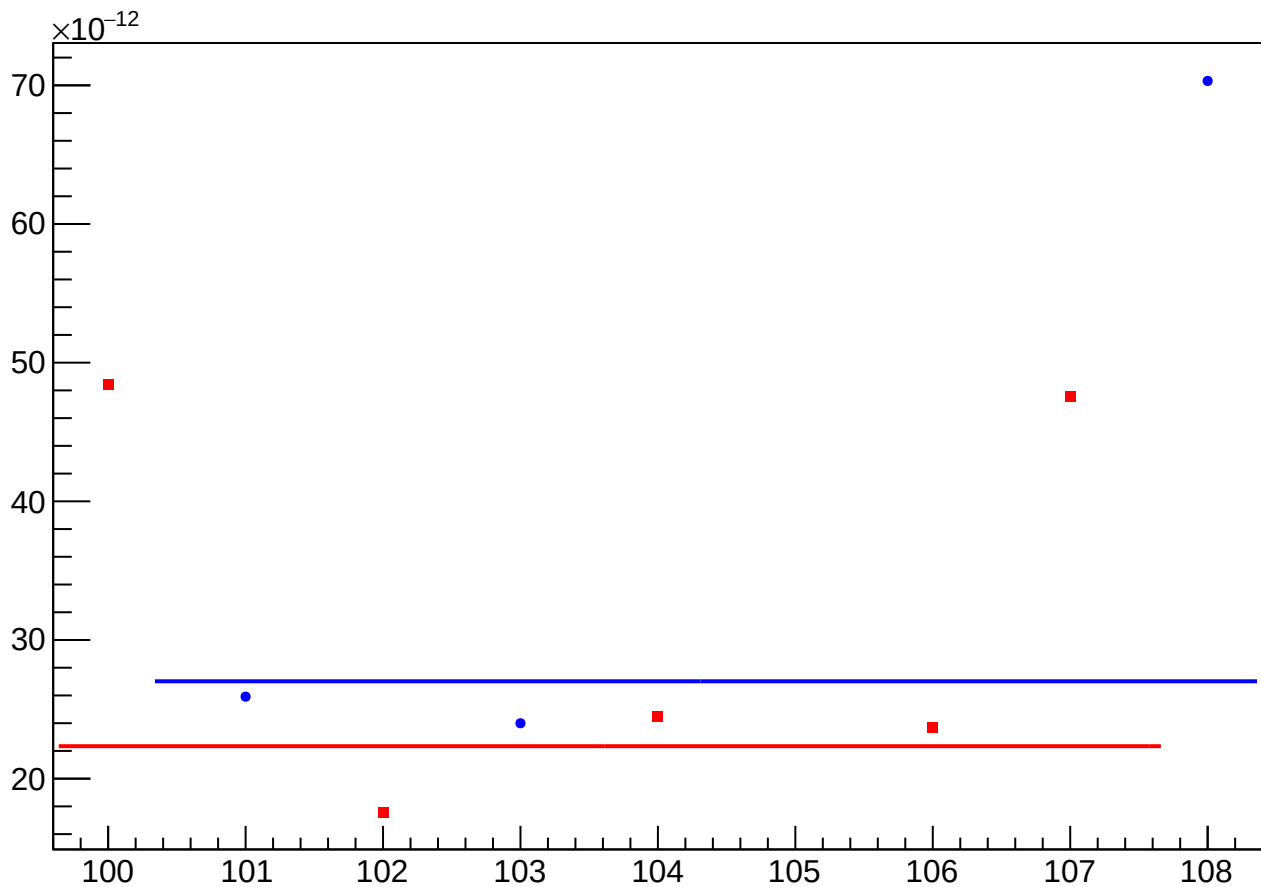
Right: 0.000+/-0.000 χ^2/NDF : 8.9/7

In: 0.000+/-0.000 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.9/7

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 231280.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 159402.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

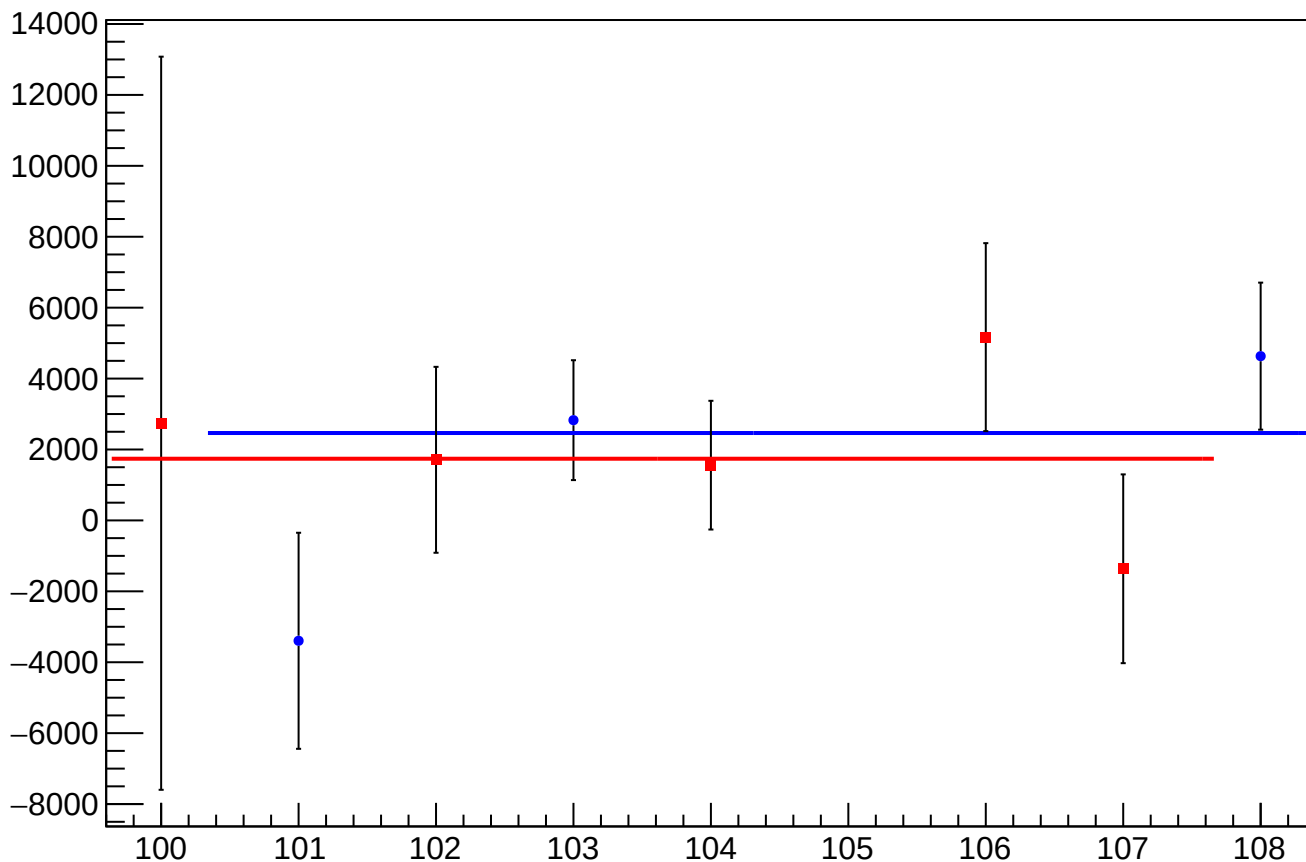
Right: 0.000+/-0.000 χ^2/NDF : 423270.0/7

In: 0.000+/-0.000 χ^2/NDF : 231280.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 423270.0/7

reg_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 2464.769+/-1203.555 χ^2/NDF : 4.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1739.641+/-1161.049 χ^2/NDF : 3.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

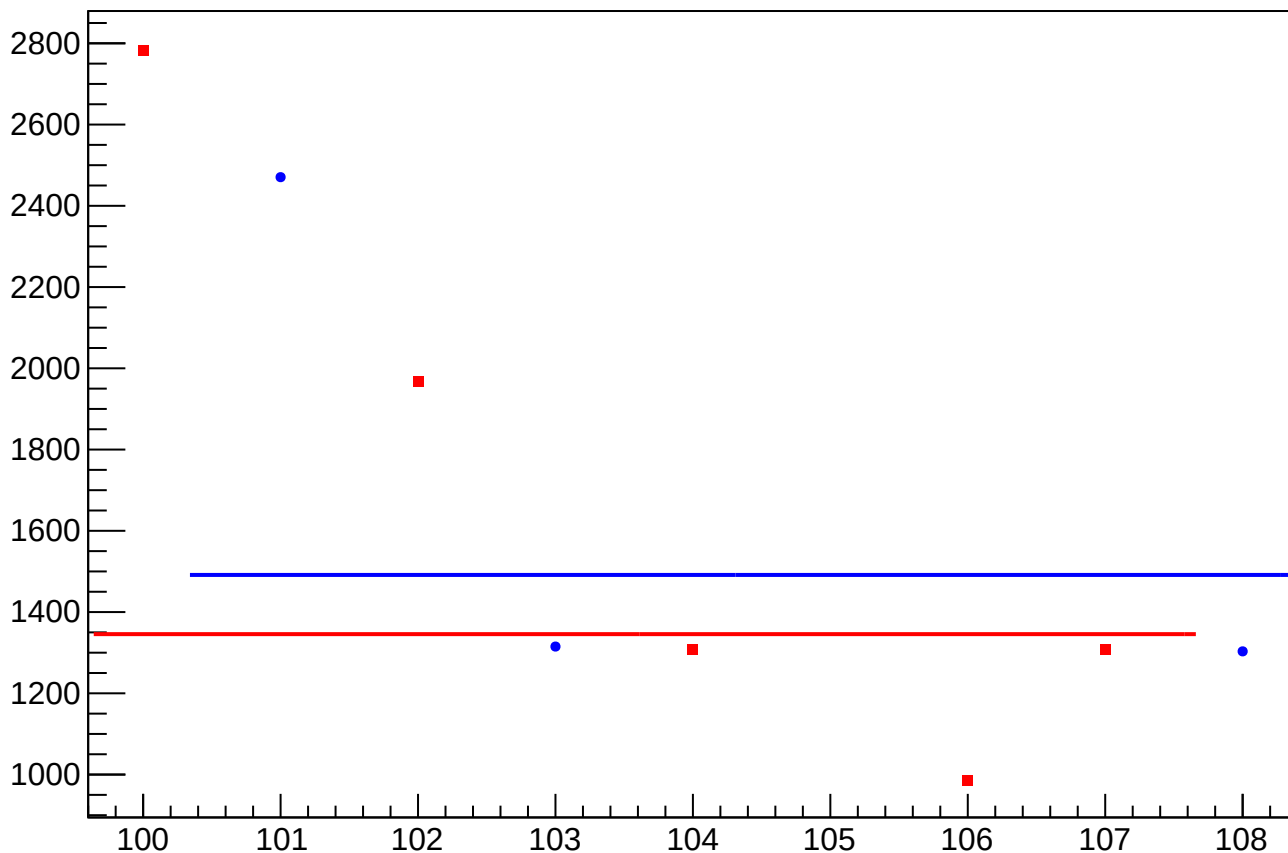
Right: 2089.175+/-835.609 χ^2/NDF : 8.1/7

In: 2464.769+/-1203.555 χ^2/NDF : 4.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2089.175+/-835.609 χ^2/NDF : 8.1/7

reg_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1491.405+/-0.851 χ^2/NDF : 244772.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1345.673+/-0.771 χ^2/NDF : 214448.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

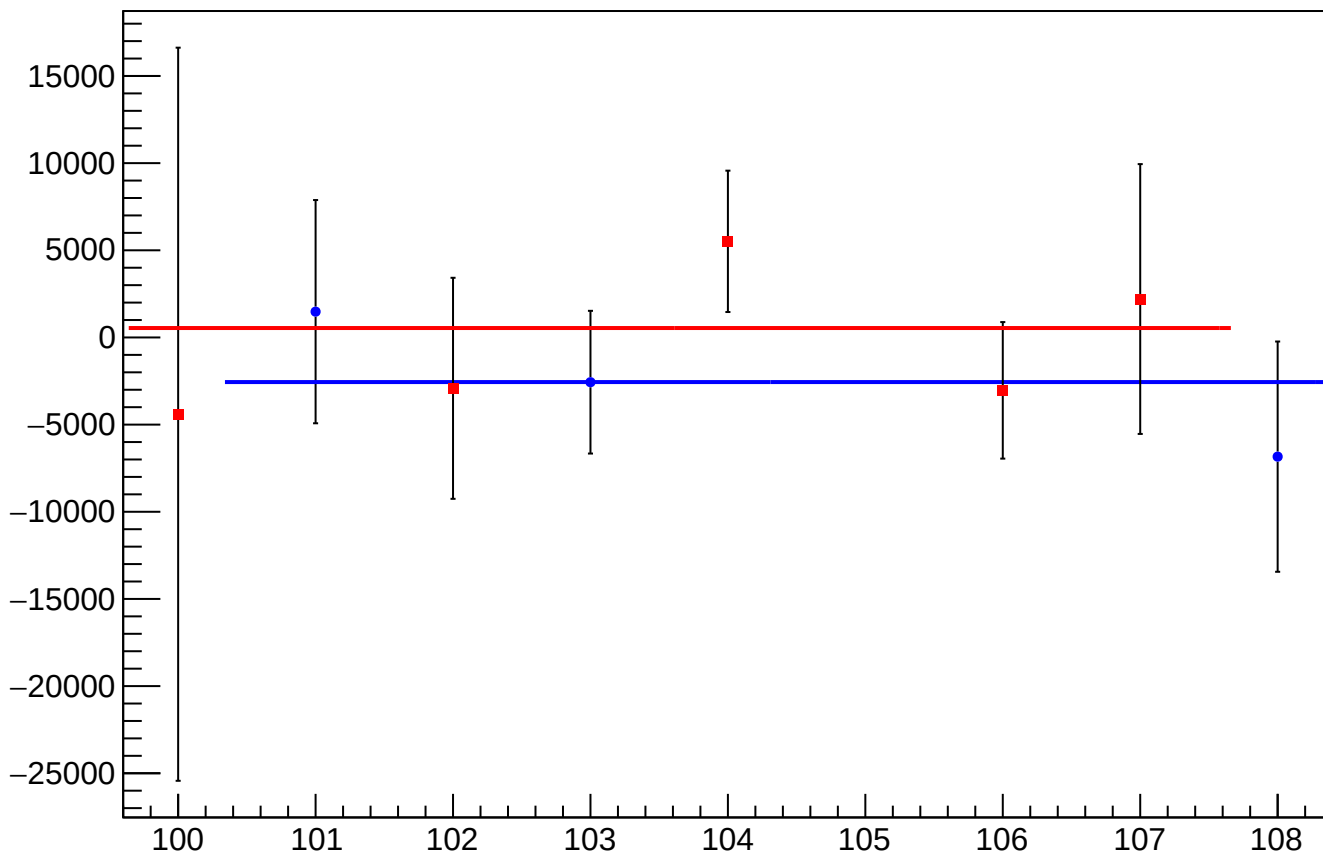
Right: 1411.377+/-0.571 χ^2/NDF : 475324.0/7

In: 1491.405+/-0.851 χ^2/NDF : 244772.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1411.377+/-0.571 χ^2/NDF : 475324.0/7

asym_usr_atr2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -2558.997+/-3057.177 χ^2/NDF : 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 540.879+/-2426.426 χ^2/NDF : 2.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

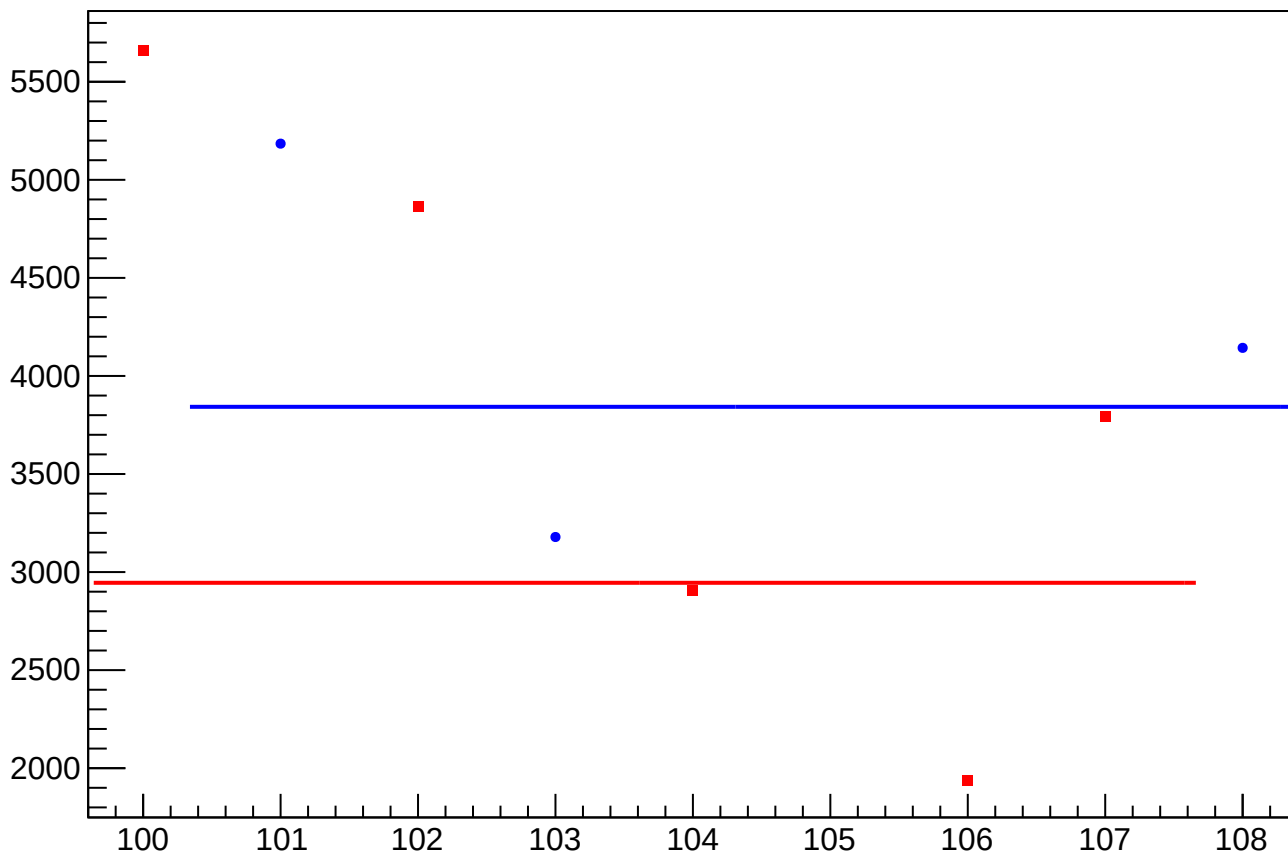
Right: -657.152+/-1900.564 χ^2/NDF : 4.2/7

In: -2558.997+/-3057.177 χ^2/NDF : 0.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -657.152+/-1900.564 χ^2/NDF : 4.2/7

asym_usr_atr2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3842.605+/-2.162 χ^2/NDF : 144571.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2945.285+/-1.716 χ^2/NDF : 372421.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

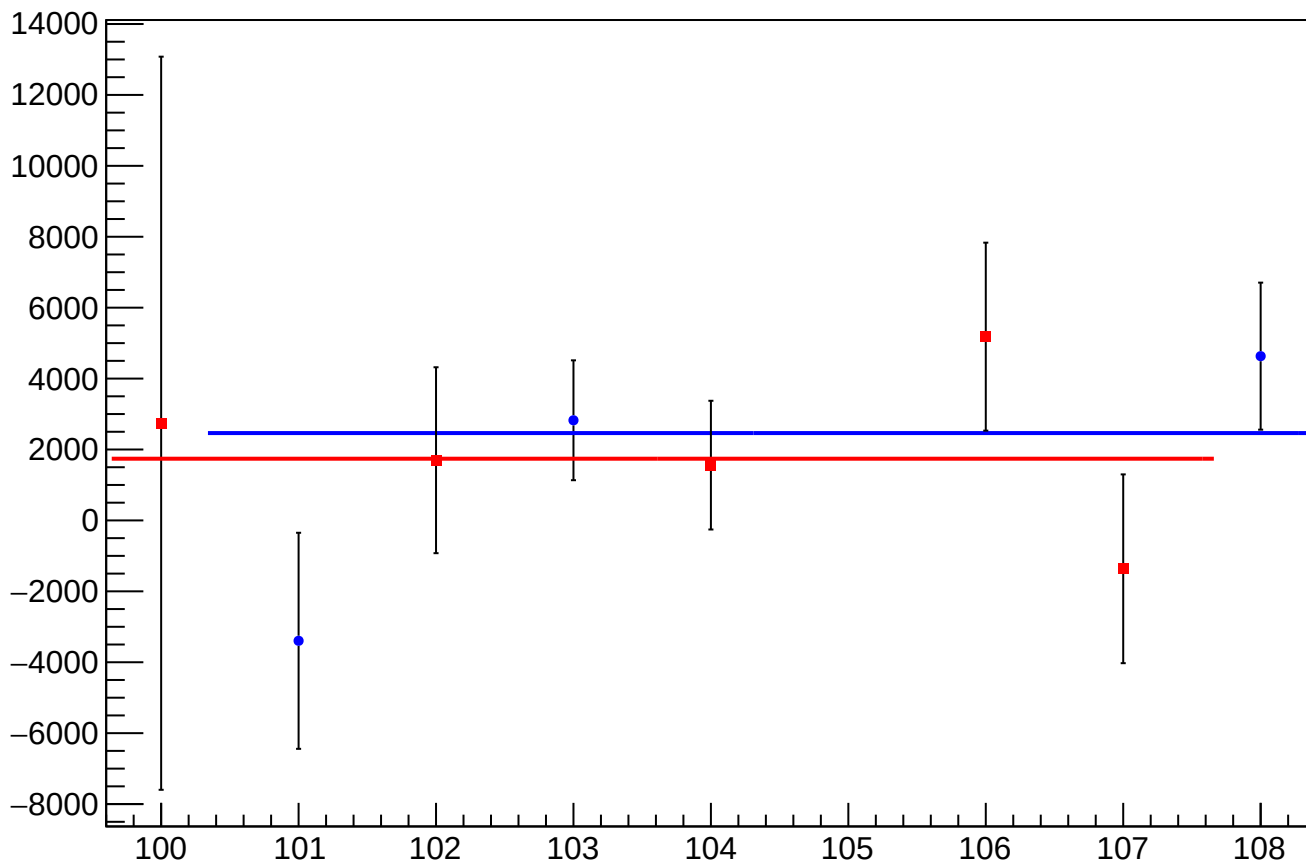
Right: 3292.079+/-1.344 χ^2/NDF : 622702.4/7

In: 3842.605+/-2.162 χ^2/NDF : 144571.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3292.079+/-1.344 χ^2/NDF : 622702.4/7

cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 2463.264+/-1203.556 χ^2/NDF : 4.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1740.298+/-1161.072 χ^2/NDF : 3.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

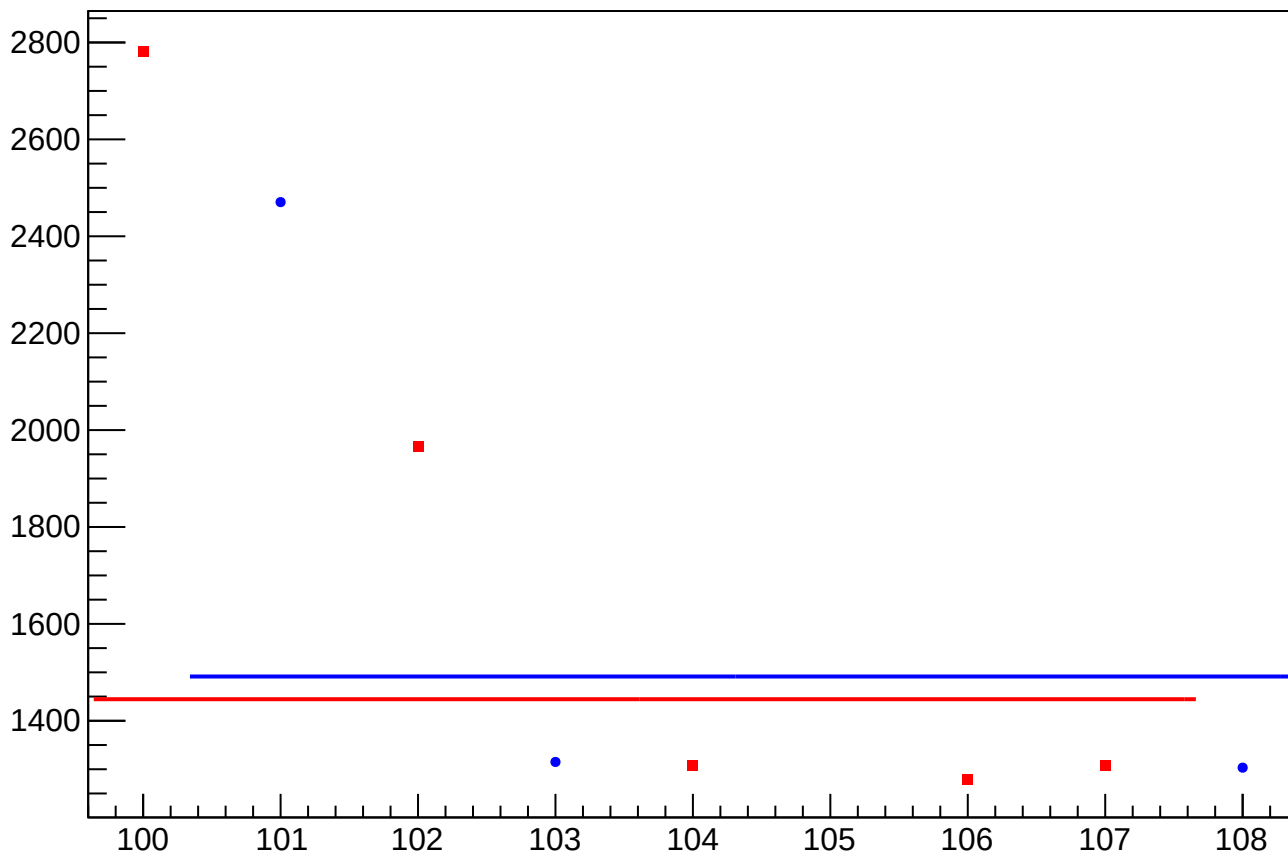
Right: 2088.796+/-835.618 χ^2/NDF : 8.1/7

In: 2463.264+/-1203.556 χ^2/NDF : 4.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2088.796+/-835.618 χ^2/NDF : 8.1/7

cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1491.406+/-0.851 χ^2/NDF : 244772.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1444.526+/-0.809 χ^2/NDF : 138603.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

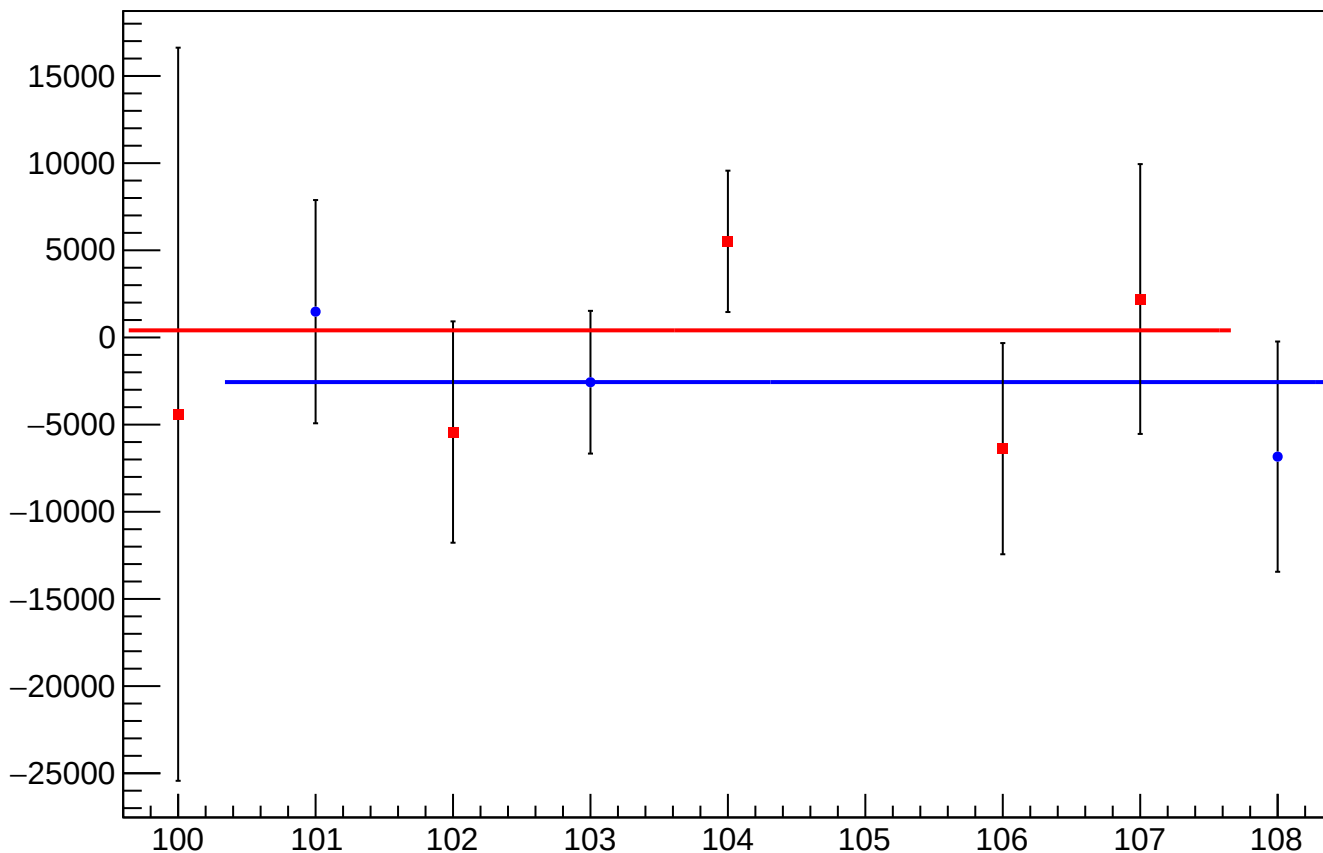
Right: 1466.768+/-0.586 χ^2/NDF : 384970.7/7

In: 1491.406+/-0.851 χ^2/NDF : 244772.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1466.768+/-0.586 χ^2/NDF : 384970.7/7

asym_usr_atr2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -2559.890+/-3057.349 χ^2/NDF : 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 407.798+/-2754.075 χ^2/NDF : 3.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

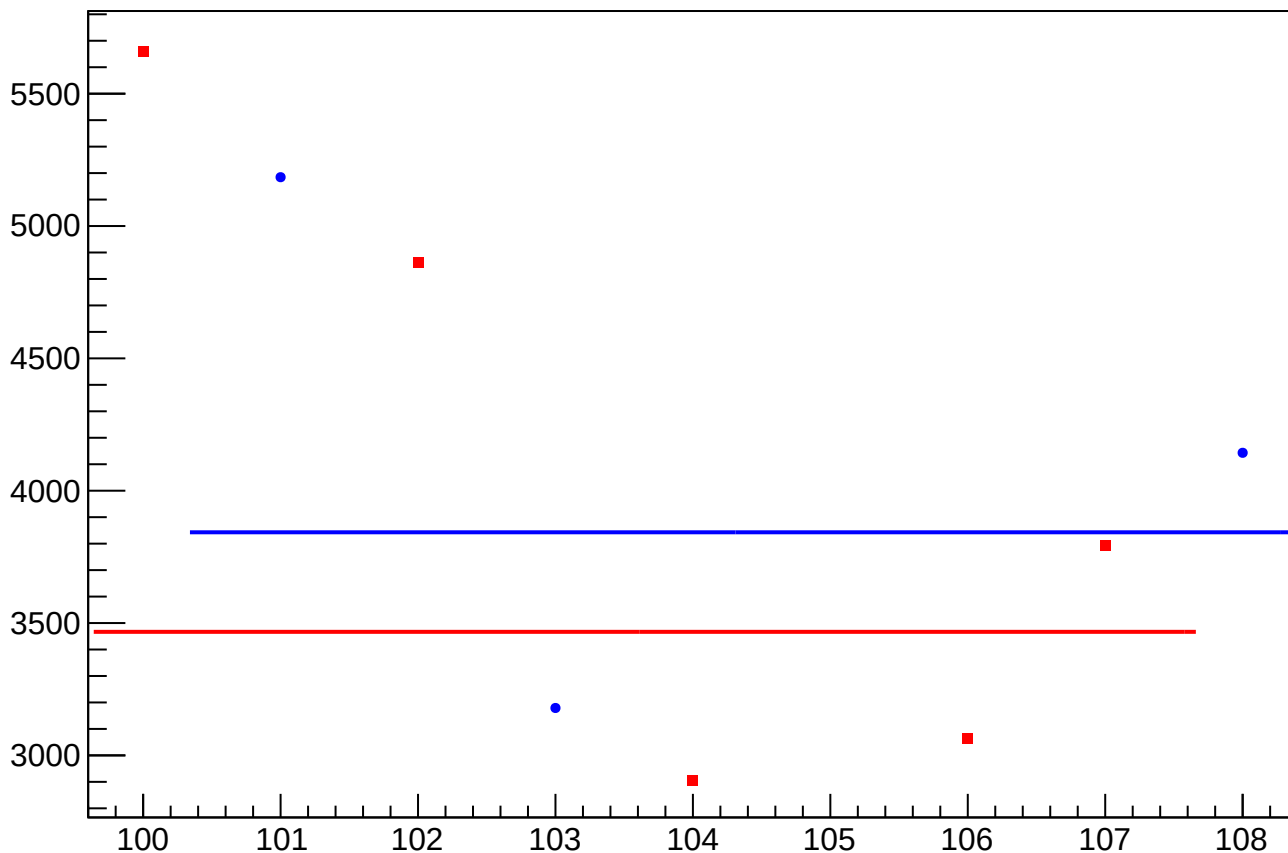
Right: -921.596+/-2046.269 χ^2/NDF : 5.1/7

In: -2559.890+/-3057.349 χ^2/NDF : 0.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -921.596+/-2046.269 χ^2/NDF : 5.1/7

asym_usr_atr2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3842.873+/-2.162 χ^2/NDF : 144505.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3466.805+/-1.947 χ^2/NDF : 168685.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

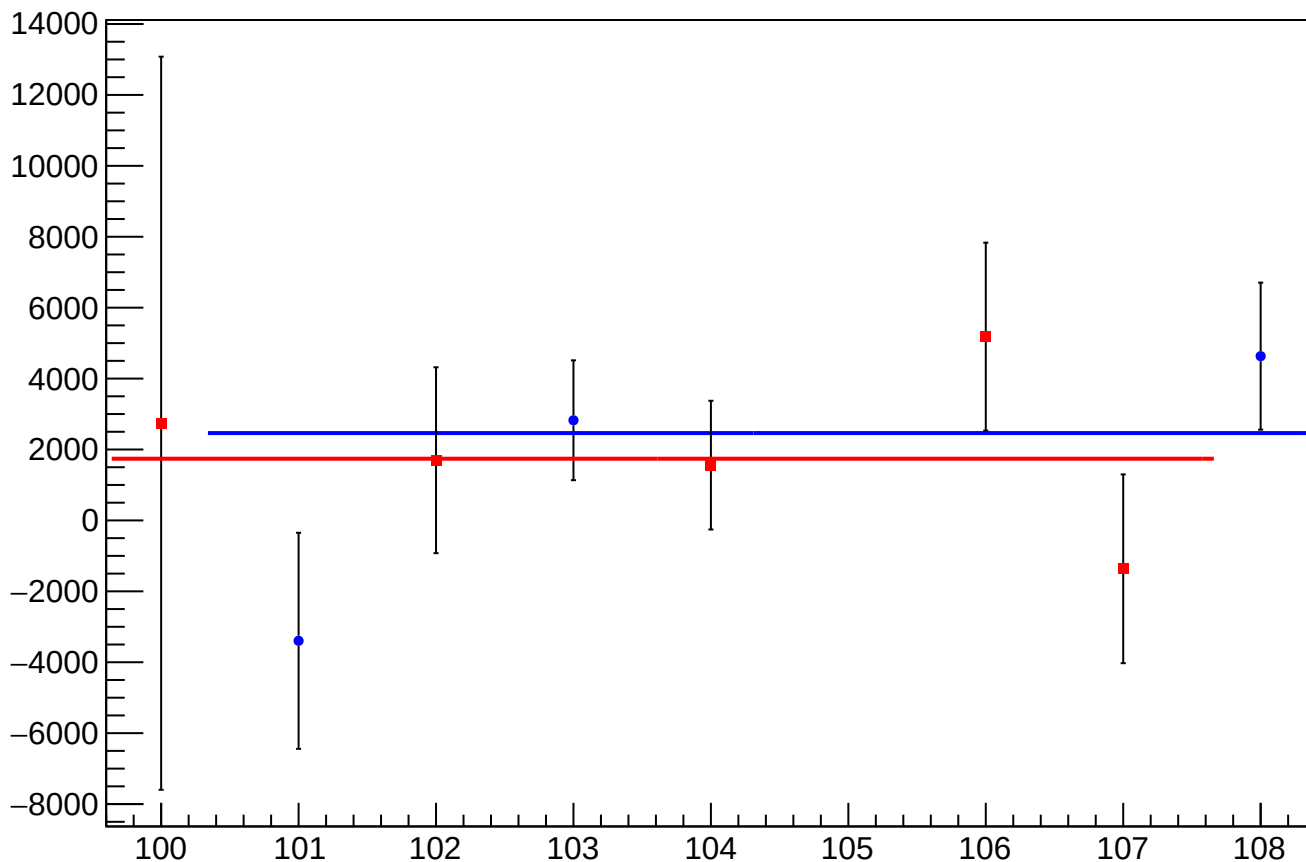
Right: 3635.267+/-1.447 χ^2/NDF : 329896.1/7

In: 3842.873+/-2.162 χ^2/NDF : 144505.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3635.267+/-1.447 χ^2/NDF : 329896.1/7

eigen_cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 2463.264+/-1203.556 χ^2/NDF : 4.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1740.298+/-1161.072 χ^2/NDF : 3.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

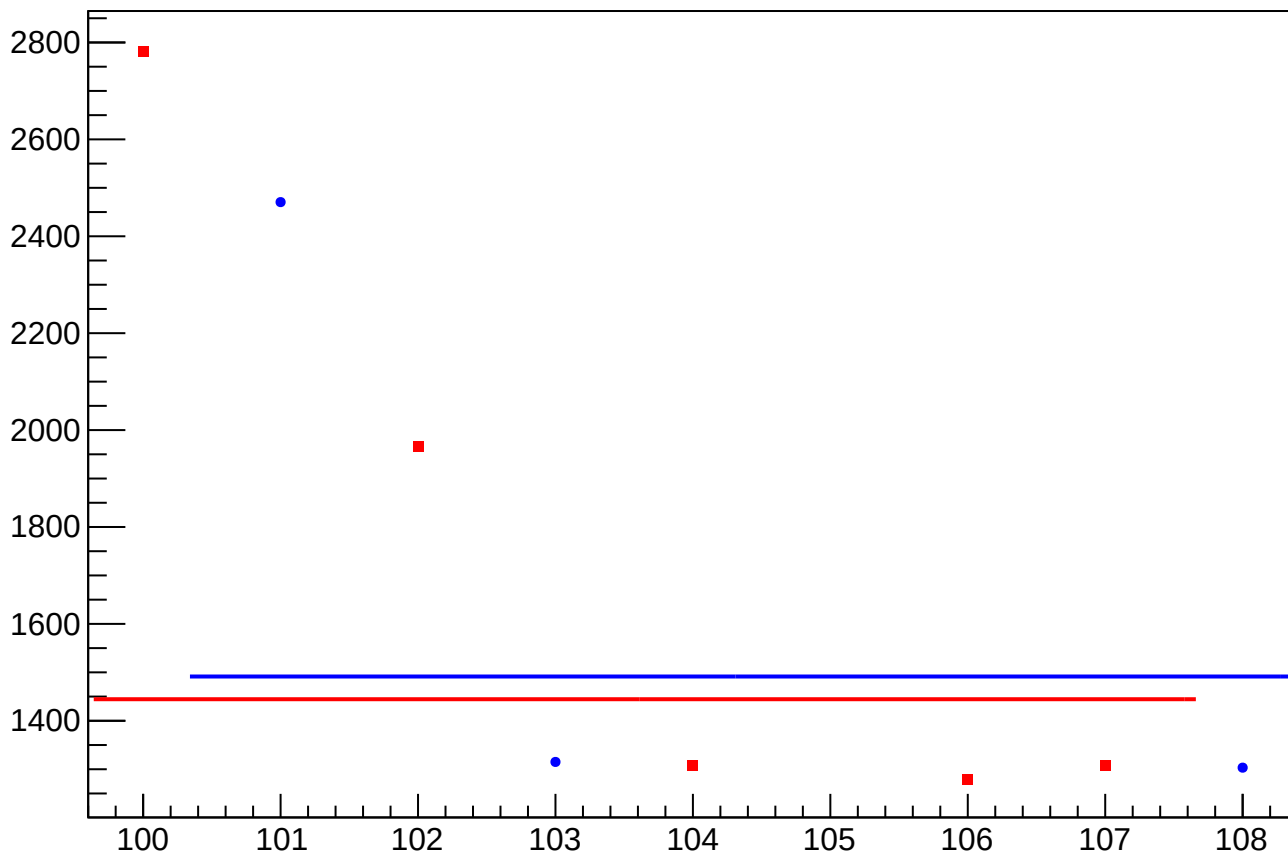
Right: 2088.796+/-835.618 χ^2/NDF : 8.1/7

In: 2463.264+/-1203.556 χ^2/NDF : 4.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2088.796+/-835.618 χ^2/NDF : 8.1/7

eigen_cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1491.406+/-0.851 χ^2/NDF : 244772.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1444.526+/-0.809 χ^2/NDF : 138603.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

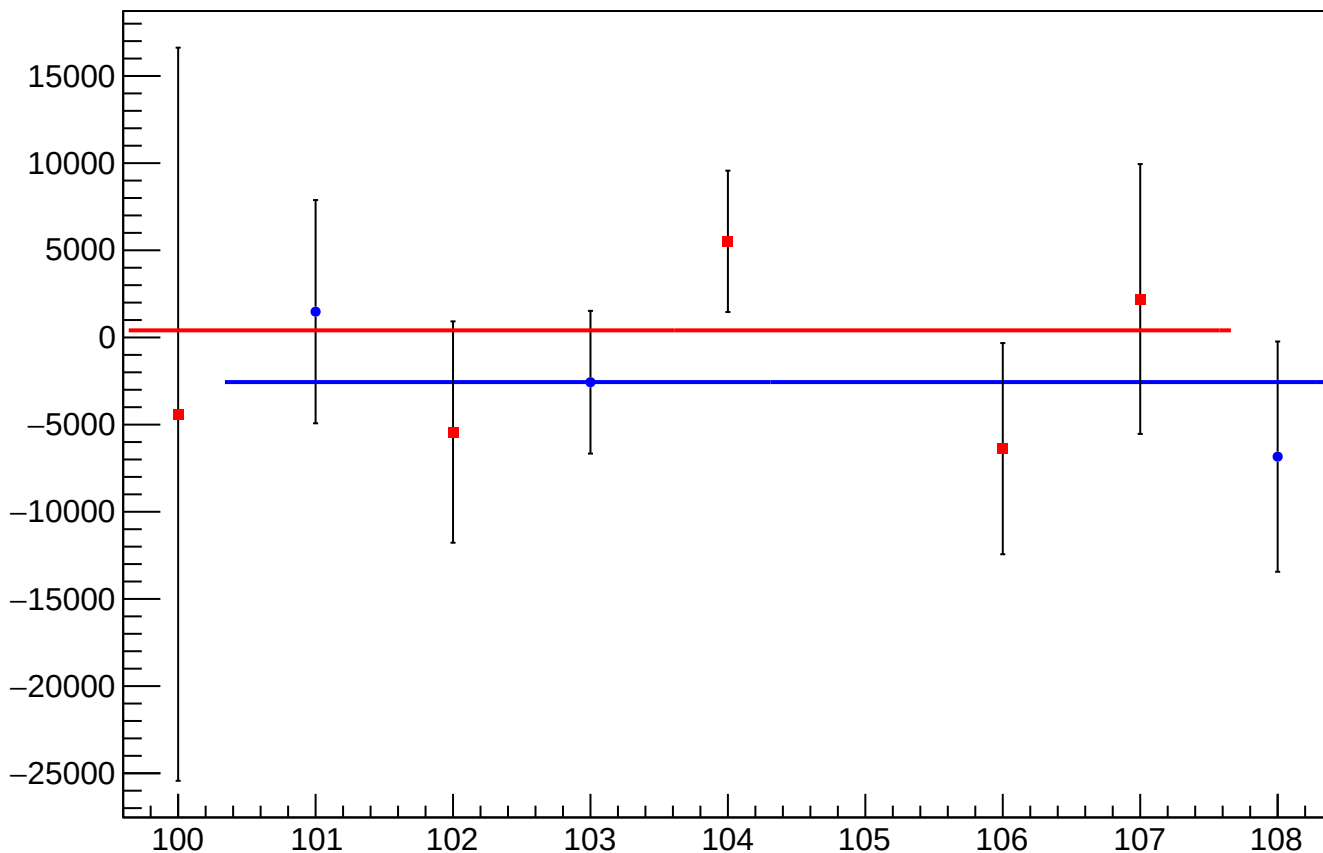
Right: 1466.768+/-0.586 χ^2/NDF : 384970.7/7

In: 1491.406+/-0.851 χ^2/NDF : 244772.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1466.768+/-0.586 χ^2/NDF : 384970.7/7

asym_usr_atr2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -2559.890+/-3057.349 χ^2/NDF : 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 407.798+/-2754.075 χ^2/NDF : 3.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

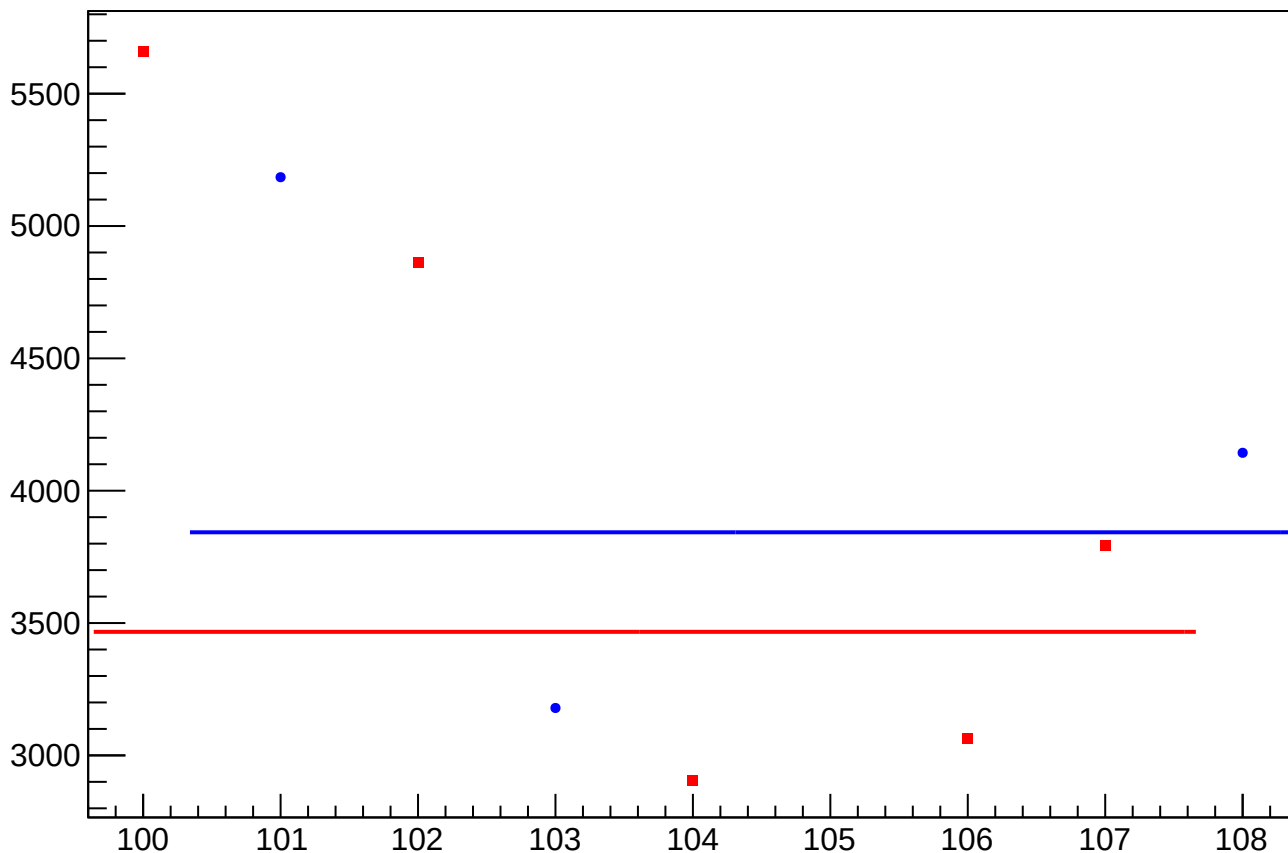
Right: -921.596+/-2046.269 χ^2/NDF : 5.1/7

In: -2559.890+/-3057.349 χ^2/NDF : 0.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -921.596+/-2046.269 χ^2/NDF : 5.1/7

asym_usr_atr2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3842.873+/-2.162 χ^2/NDF : 144505.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3466.805+/-1.947 χ^2/NDF : 168685.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

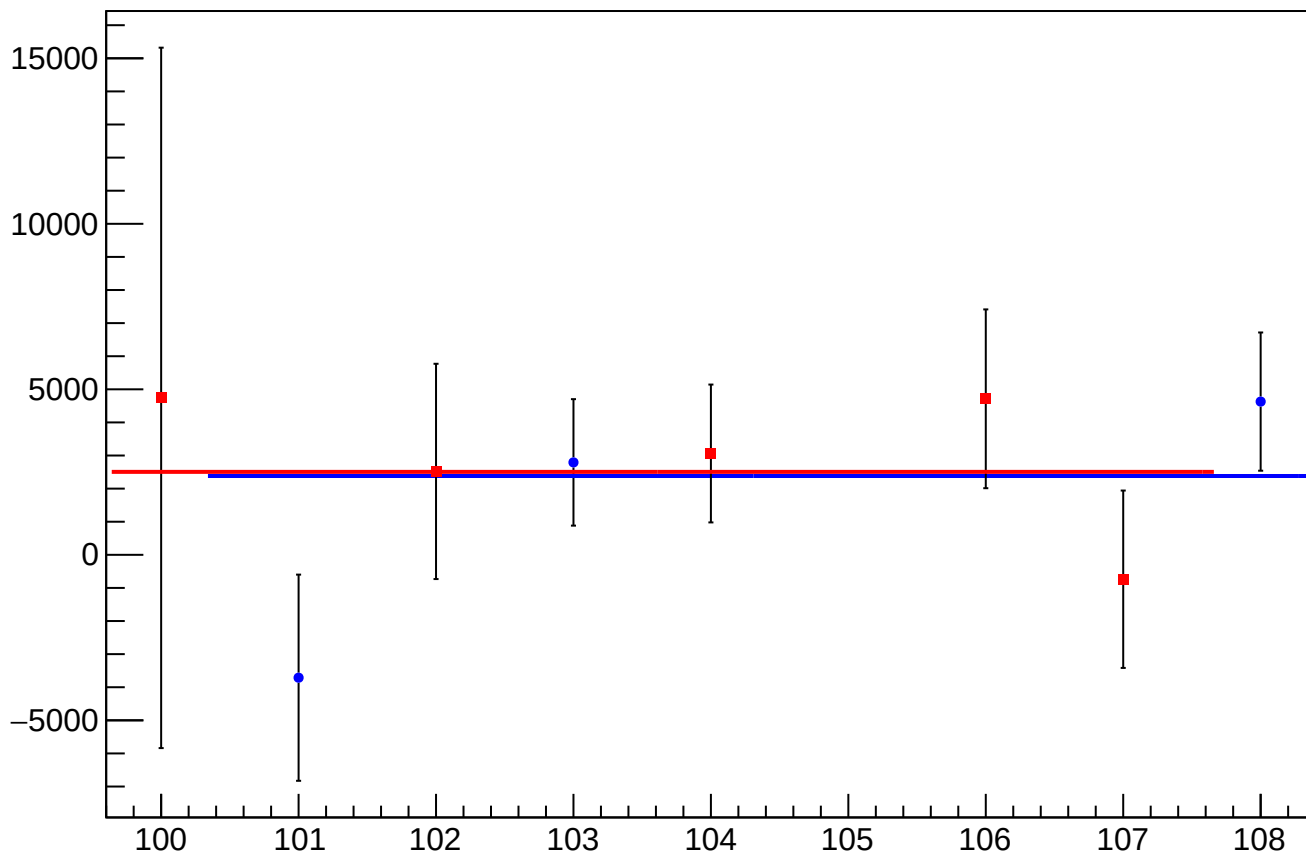
Right: 3635.267+/-1.447 χ^2/NDF : 329896.1/7

In: 3842.873+/-2.162 χ^2/NDF : 144505.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3635.267+/-1.447 χ^2/NDF : 329896.1/7

dit_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 2381.262 $\pm$ 1284.103 χ^2 /NDF: 5.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2506.173 $\pm$ 1279.803 χ^2 /NDF: 2.2/4

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

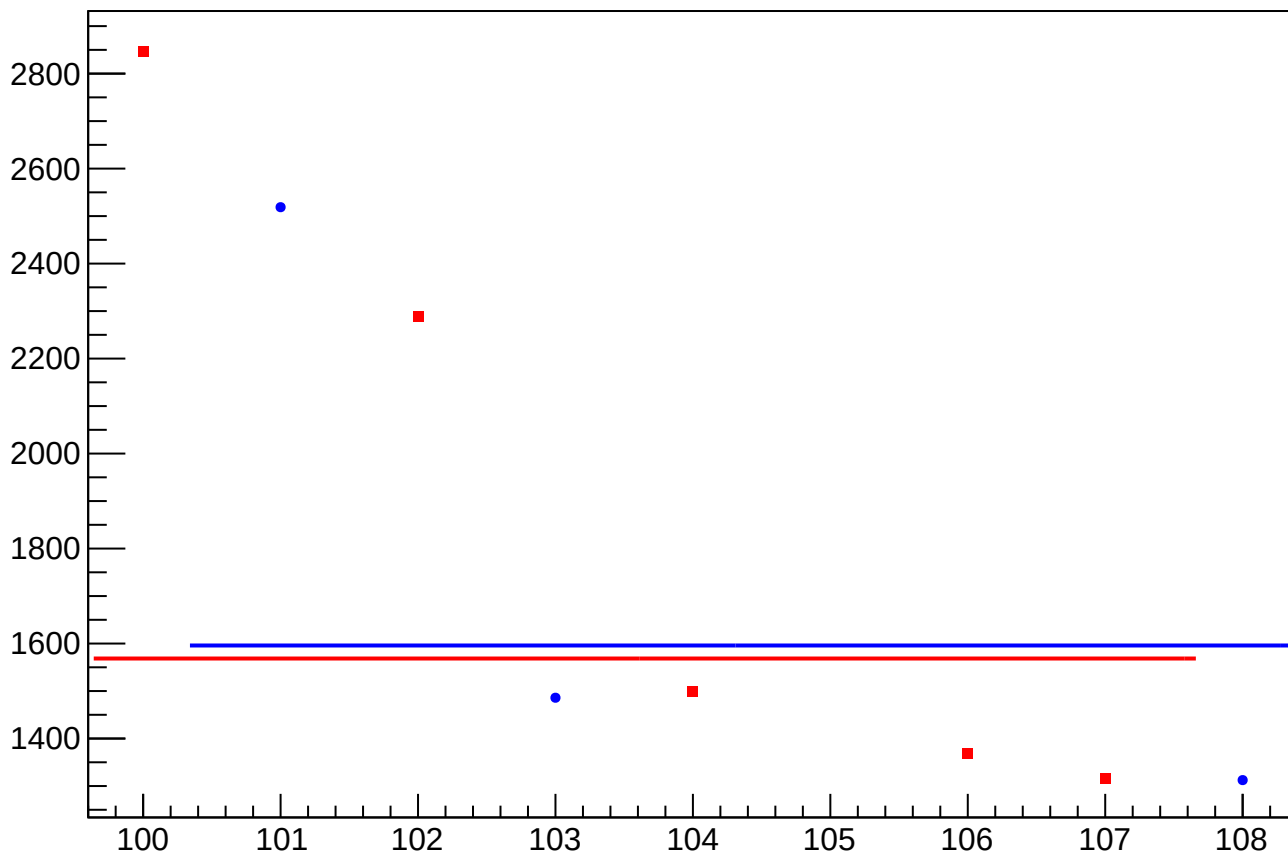
Right: 2443.927 $\pm$ 906.474 χ^2 /NDF: 7.3/7

In: 2381.262 $\pm$ 1284.103 χ^2 /NDF:5.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2443.927 $\pm$ 906.474 χ^2 /NDF: 7.3/7

dit_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1595.910+/-0.908 χ^2/NDF : 219082.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1568.485+/-0.901 χ^2/NDF : 158398.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

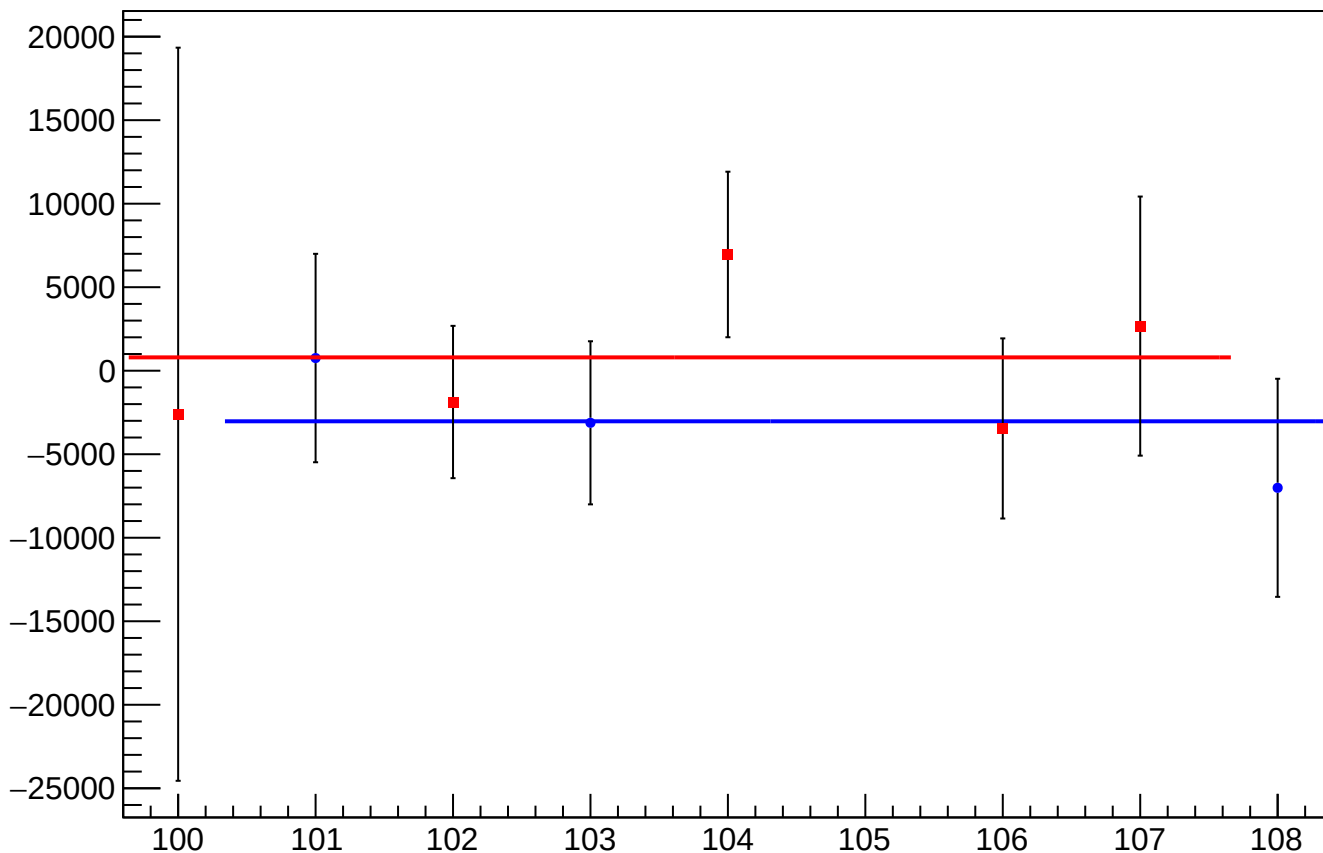
Right: 1582.098+/-0.640 χ^2/NDF : 377940.3/7

In: 1595.910+/-0.908 χ^2/NDF : 219082.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1582.098+/-0.640 χ^2/NDF : 377940.3/7

asym_usr_atr2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -3028.222+/-3313.356 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 798.468+/-2654.524 χ^2/NDF : 2.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

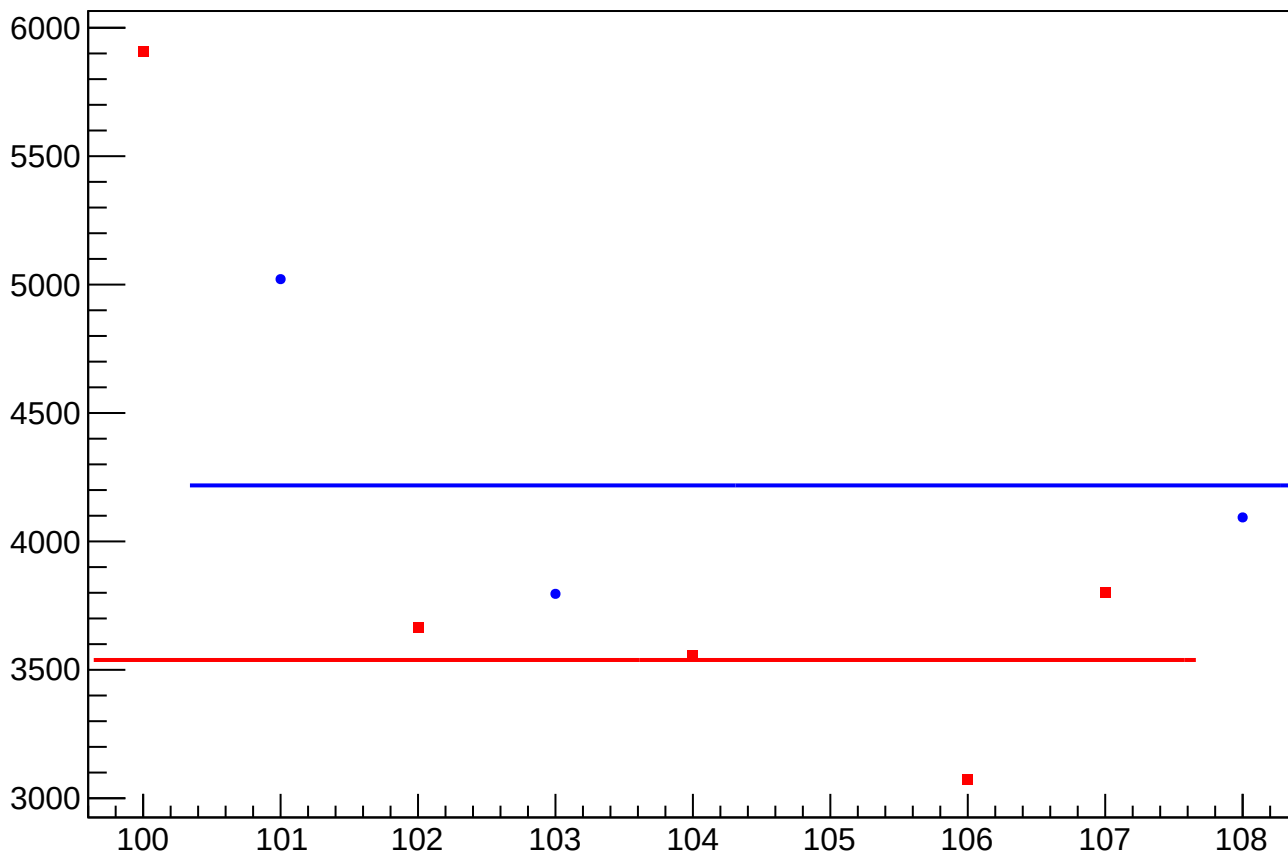
Right: -697.511+/-2071.664 χ^2/NDF : 4.1/7

In: -3028.222+/-3313.356 χ^2/NDF : 0.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -697.511+/-2071.664 χ^2/NDF : 4.1/7

asym_usr_atr2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4218.072+/-2.343 χ^2/NDF : 48820.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3538.349+/-1.877 χ^2/NDF : 42126.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

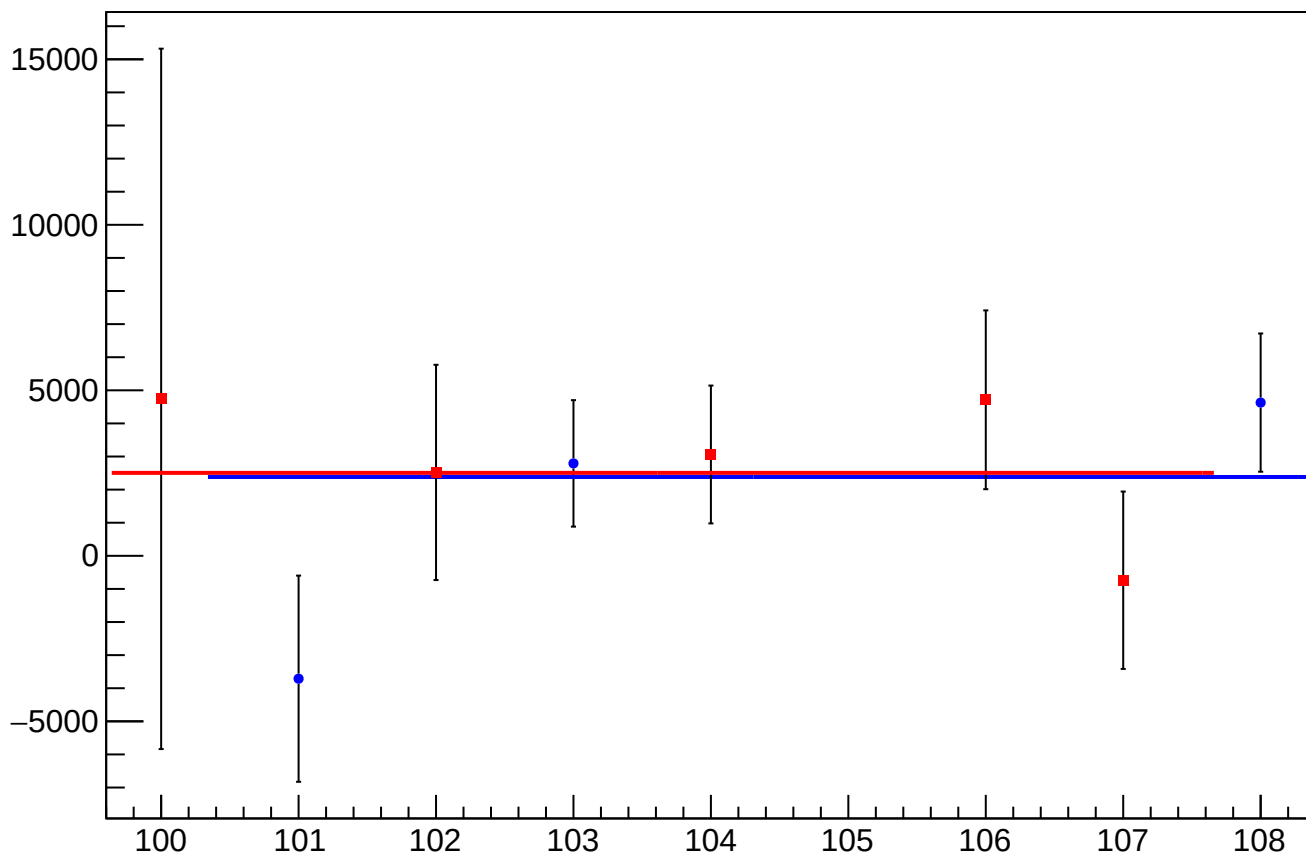
Right: 3804.075+/-1.465 χ^2/NDF : 142212.9/7

In: 4218.072+/-2.343 χ^2/NDF : 48820.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3804.075+/-1.465 χ^2/NDF : 142212.9/7

eigen_dit_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 2381.254+/-1284.102 χ^2/NDF : 5.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2506.168+/-1279.803 χ^2/NDF : 2.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

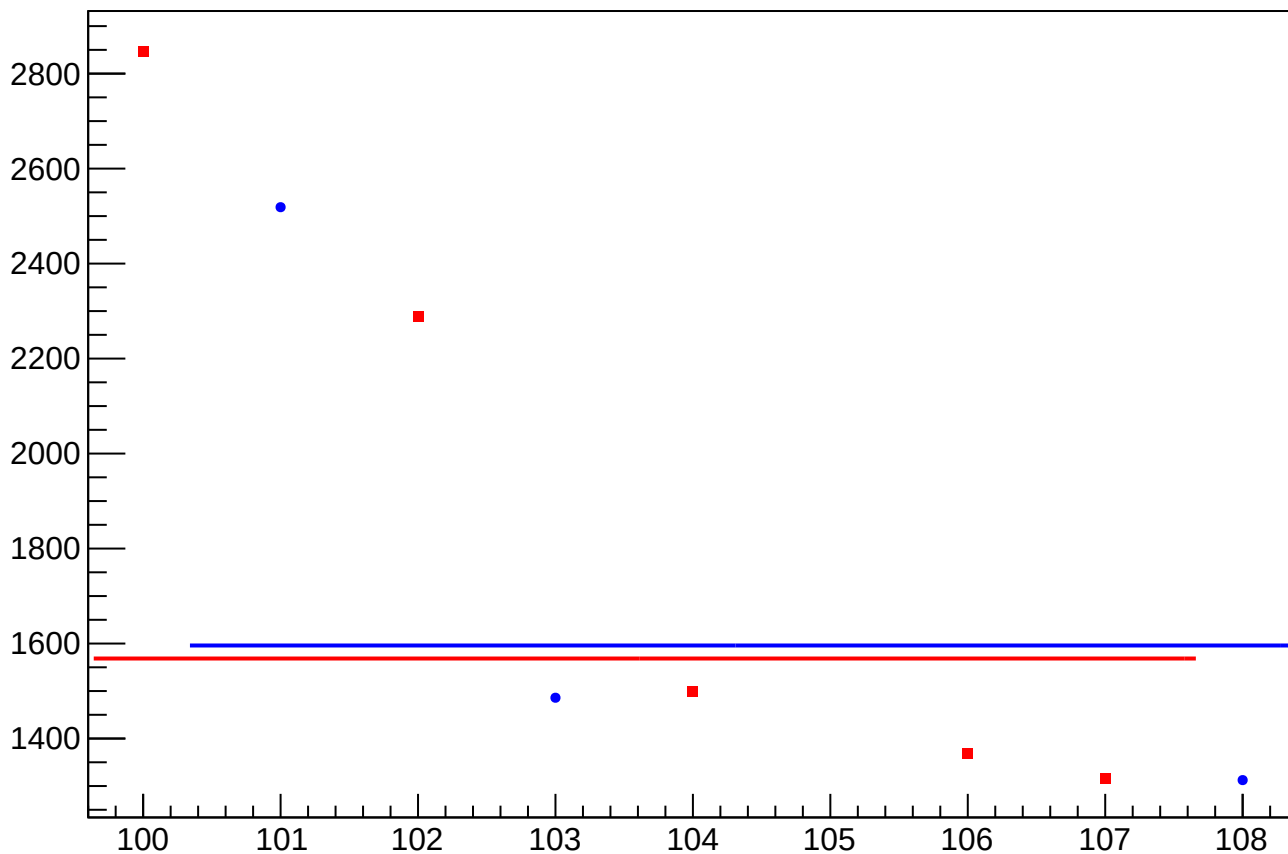
Right: 2443.921+/-906.474 χ^2/NDF : 7.3/7

In: 2381.254+/-1284.102 χ^2/NDF : 5.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2443.921+/-906.474 χ^2/NDF : 7.3/7

eigen_dit_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1595.910+/-0.908 χ^2/NDF : 219082.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1568.485+/-0.901 χ^2/NDF : 158398.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

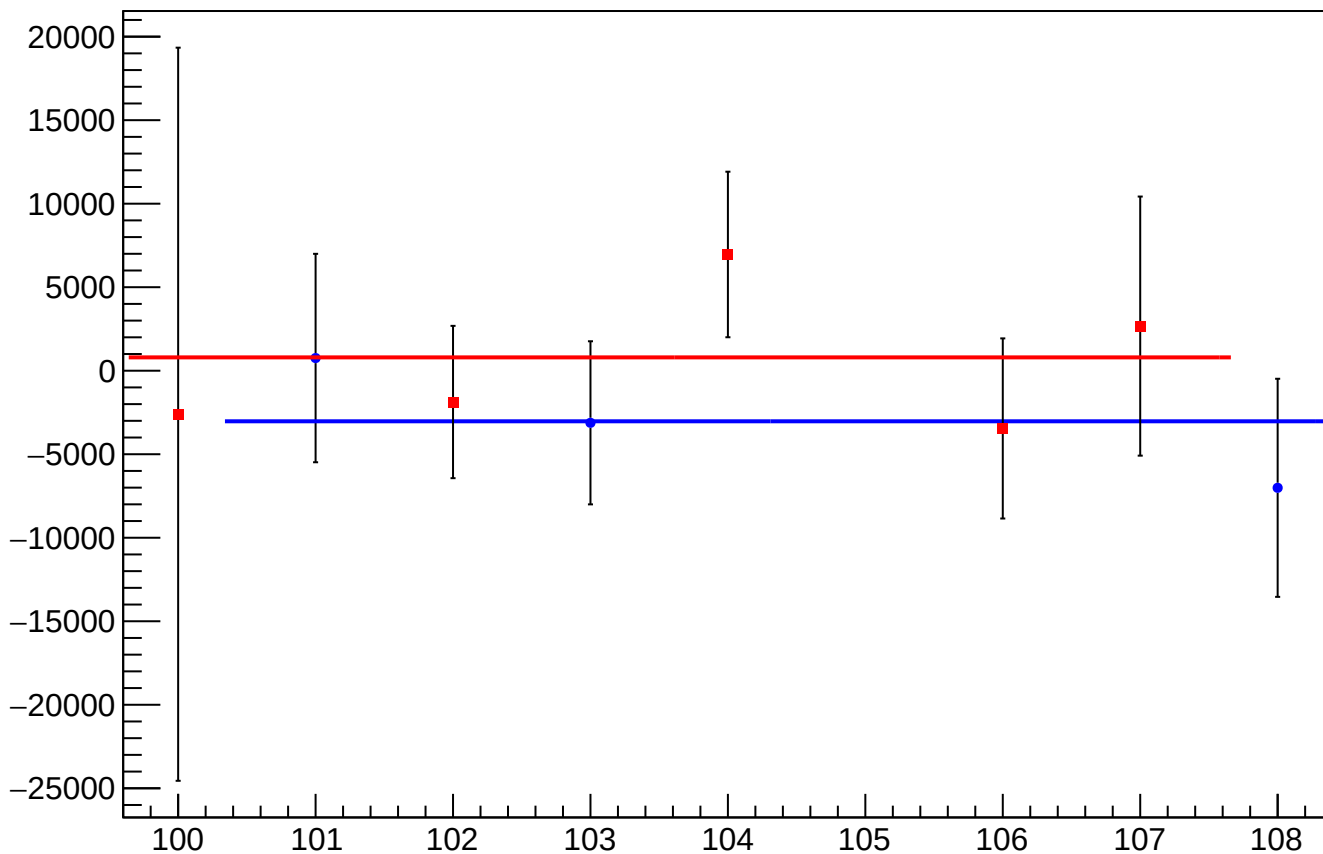
Right: 1582.098+/-0.640 χ^2/NDF : 377940.2/7

In: 1595.910+/-0.908 χ^2/NDF : 219082.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1582.098+/-0.640 χ^2/NDF : 377940.2/7

asym_usr_atr2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -3028.228 $\pm$ 3313.355 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 798.466 $\pm$ 2654.521 χ^2 /NDF: 2.6/4

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

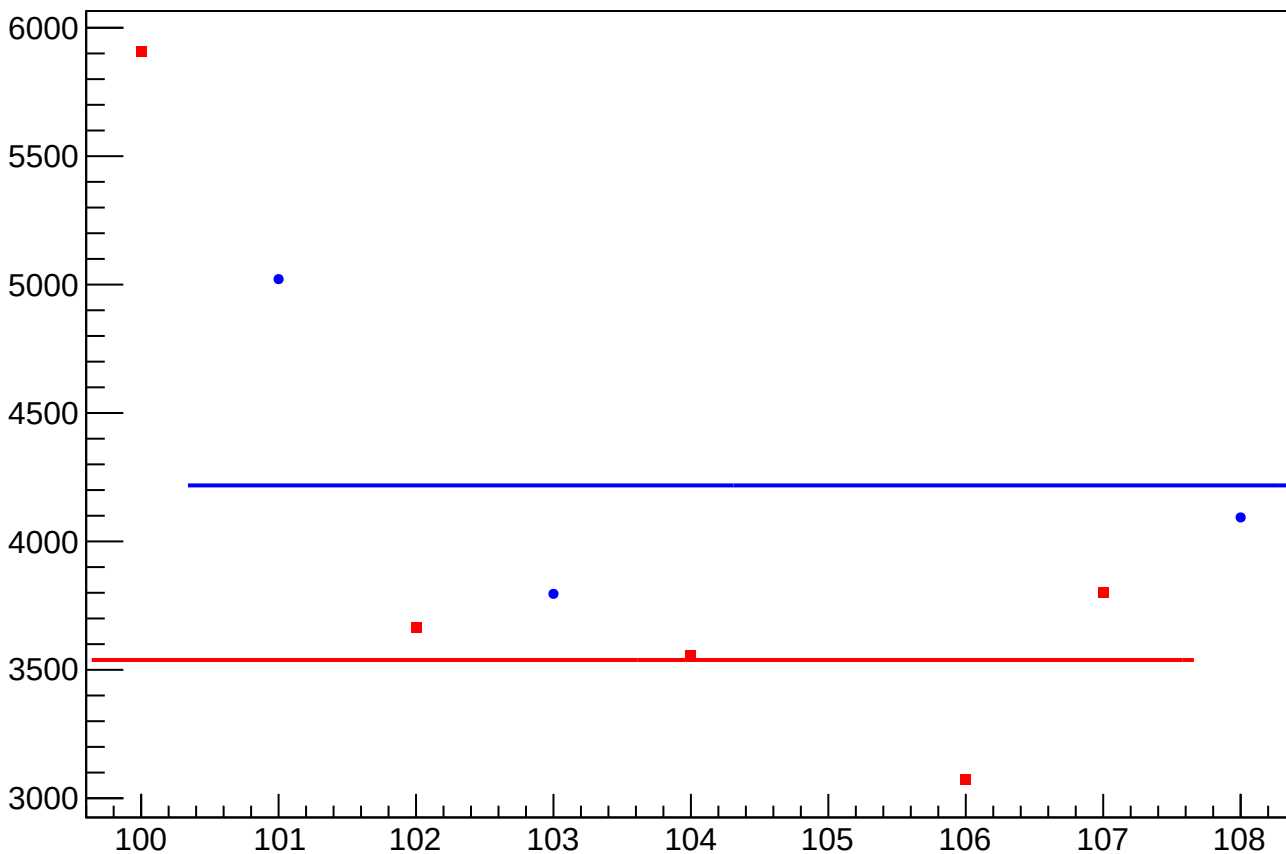
Right: -697.513 $\pm$ 2071.662 χ^2 /NDF: 4.1/7

In: -3028.228 $\pm$ 3313.355 χ^2 /NDF: 0.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -697.513 $\pm$ 2071.662 χ^2 /NDF: 4.1/7

asym_usr_atr2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4218.071+/-2.343 χ^2/NDF : 48820.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3538.345+/-1.877 χ^2/NDF : 42126.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

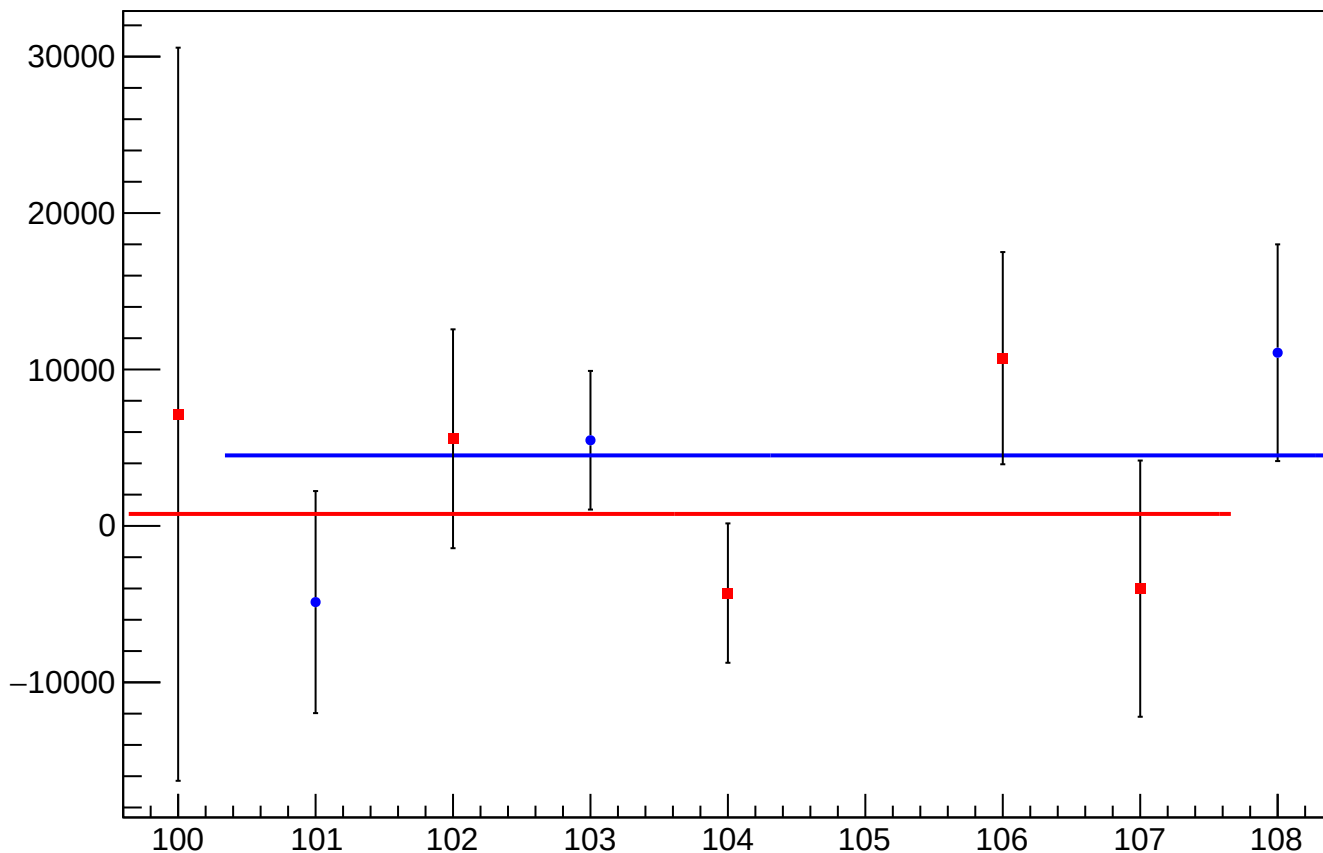
Right: 3804.072+/-1.465 χ^2/NDF : 142213.1/7

In: 4218.071+/-2.343 χ^2/NDF : 48820.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3804.072+/-1.465 χ^2/NDF : 142213.1/7

asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 4507.994+/-3304.024 χ^2/NDF : 2.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 766.526+/-3024.870 χ^2/NDF : 4.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

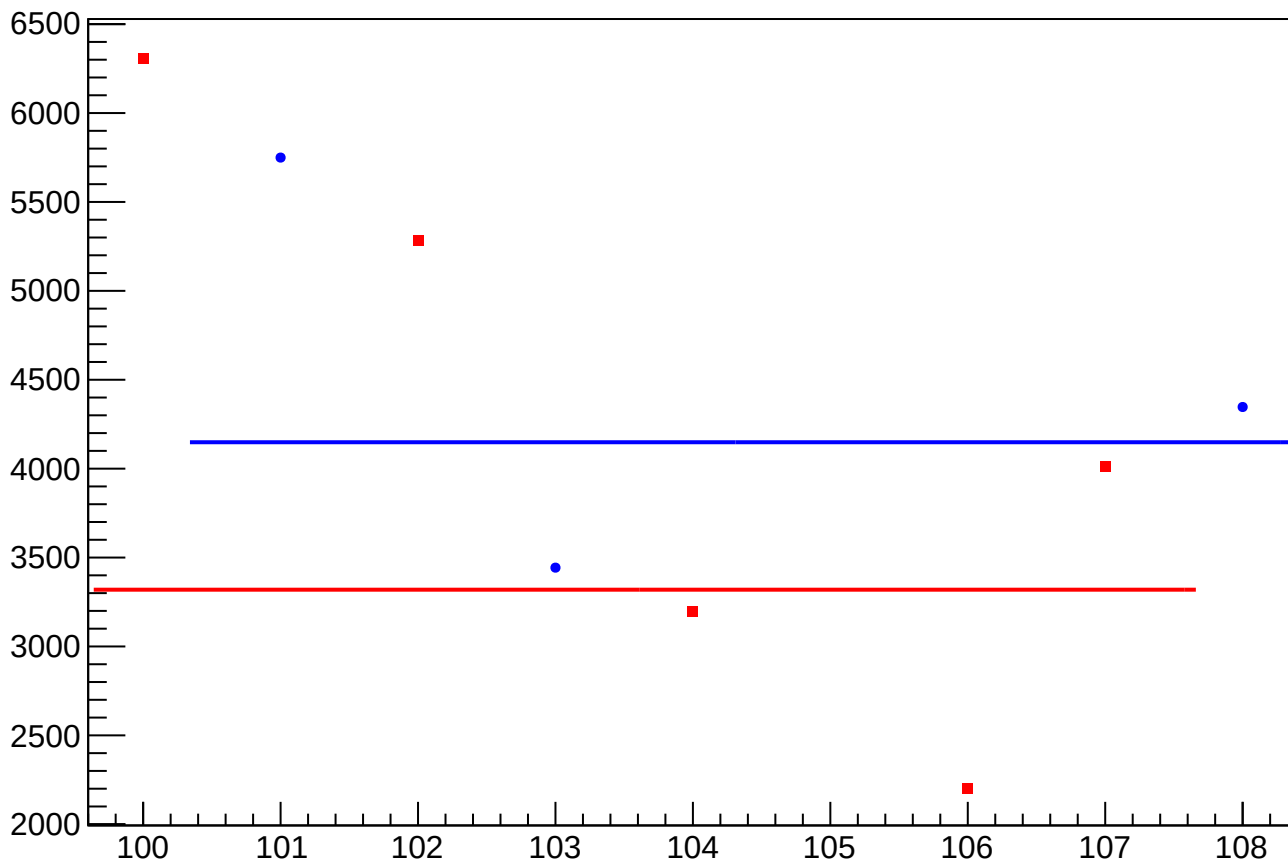
Right: 2472.552+/-2231.079 χ^2/NDF : 7.7/7

In: 4507.994+/-3304.024 χ^2/NDF : 2.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2472.552+/-2231.079 χ^2/NDF : 7.7/7

asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 4148.565+/-2.336 χ^2/NDF : 154040.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3319.283+/-1.945 χ^2/NDF : 317389.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

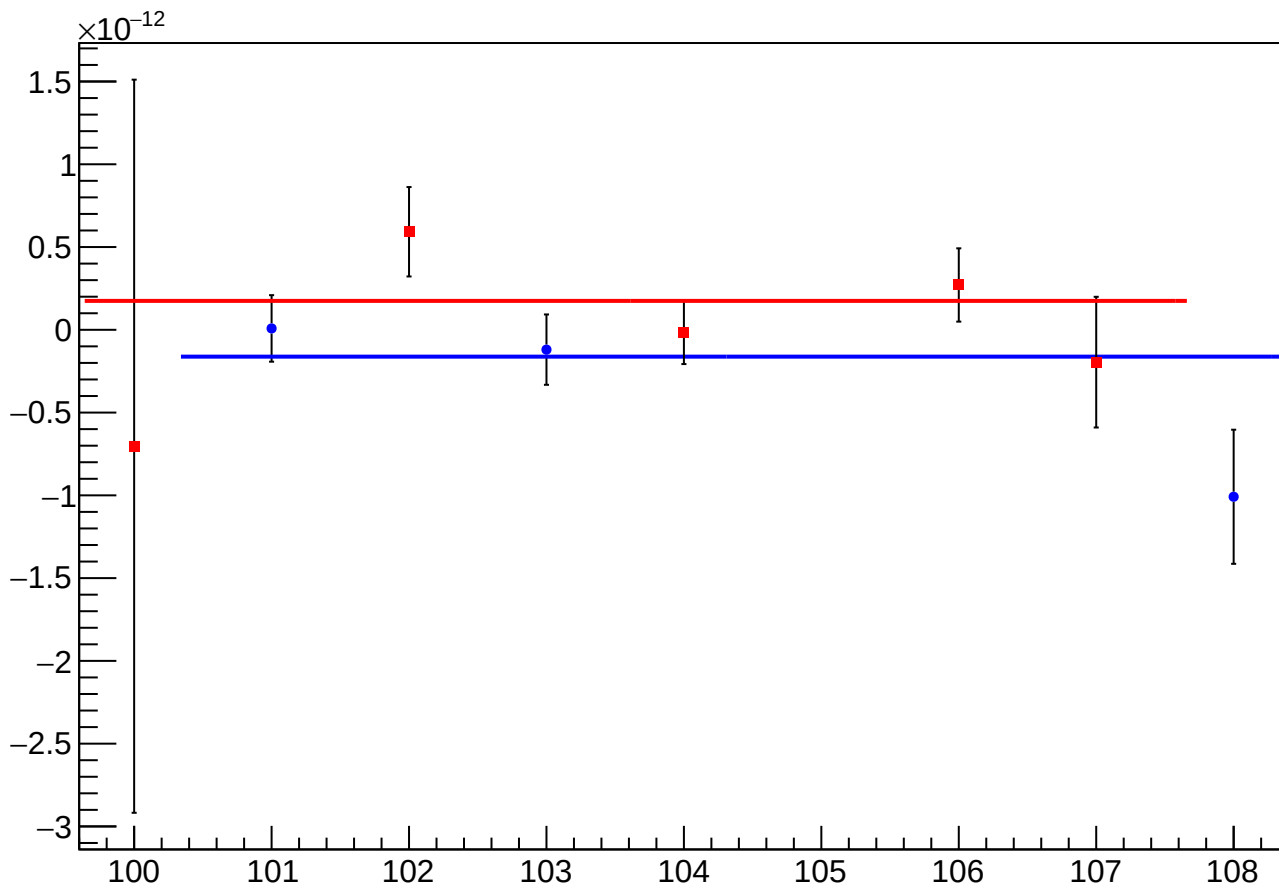
Right: 3658.691+/-1.495 χ^2/NDF : 545855.8/7

In: 4148.565+/-2.336 χ^2/NDF : 154040.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3658.691+/-1.495 χ^2/NDF : 545855.8/7

asym_usr_atr2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

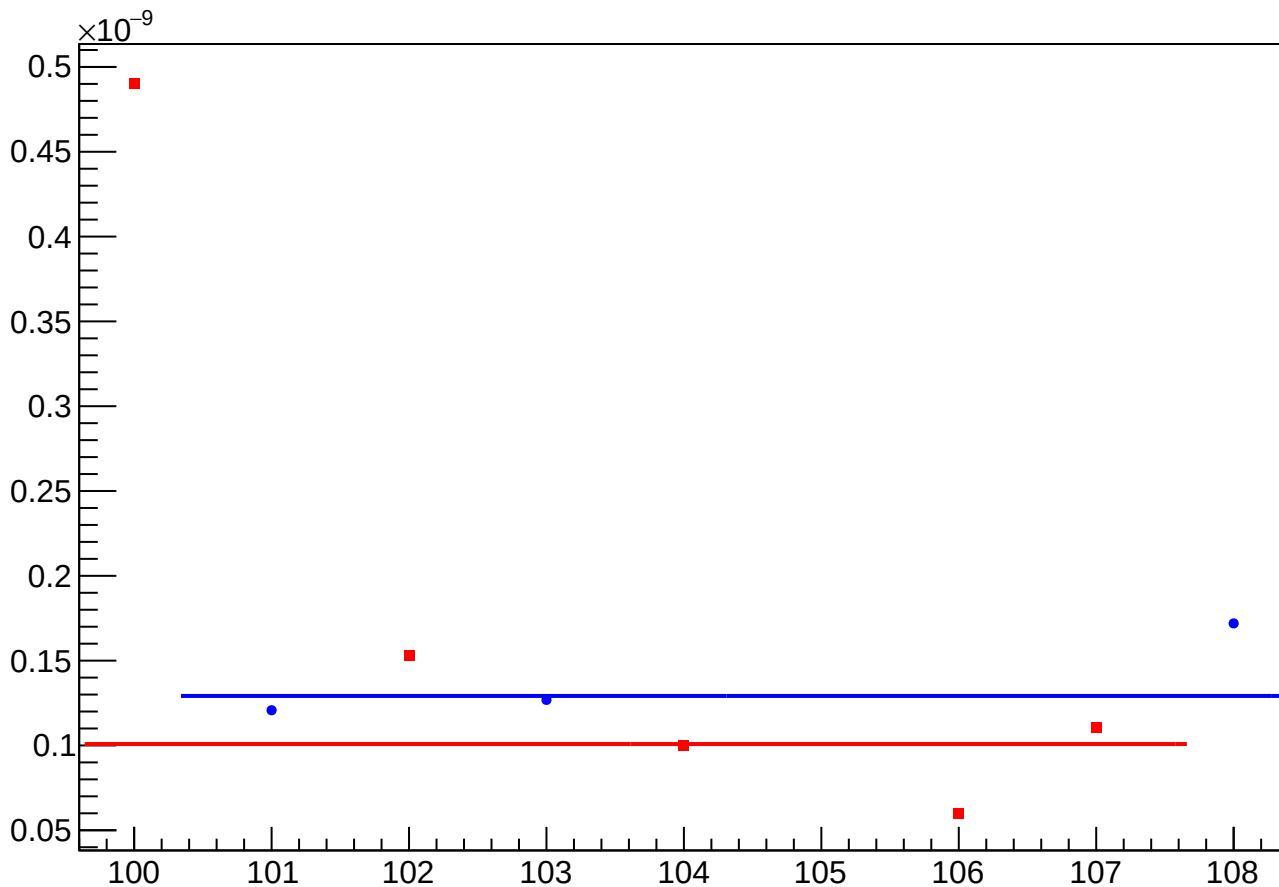
Right: 0.000+/-0.000 χ^2/NDF : 13.1/7

In: -0.000+/-0.000 χ^2/NDF : 5.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.1/7

asym_usr_atr2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 26064.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 206849.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

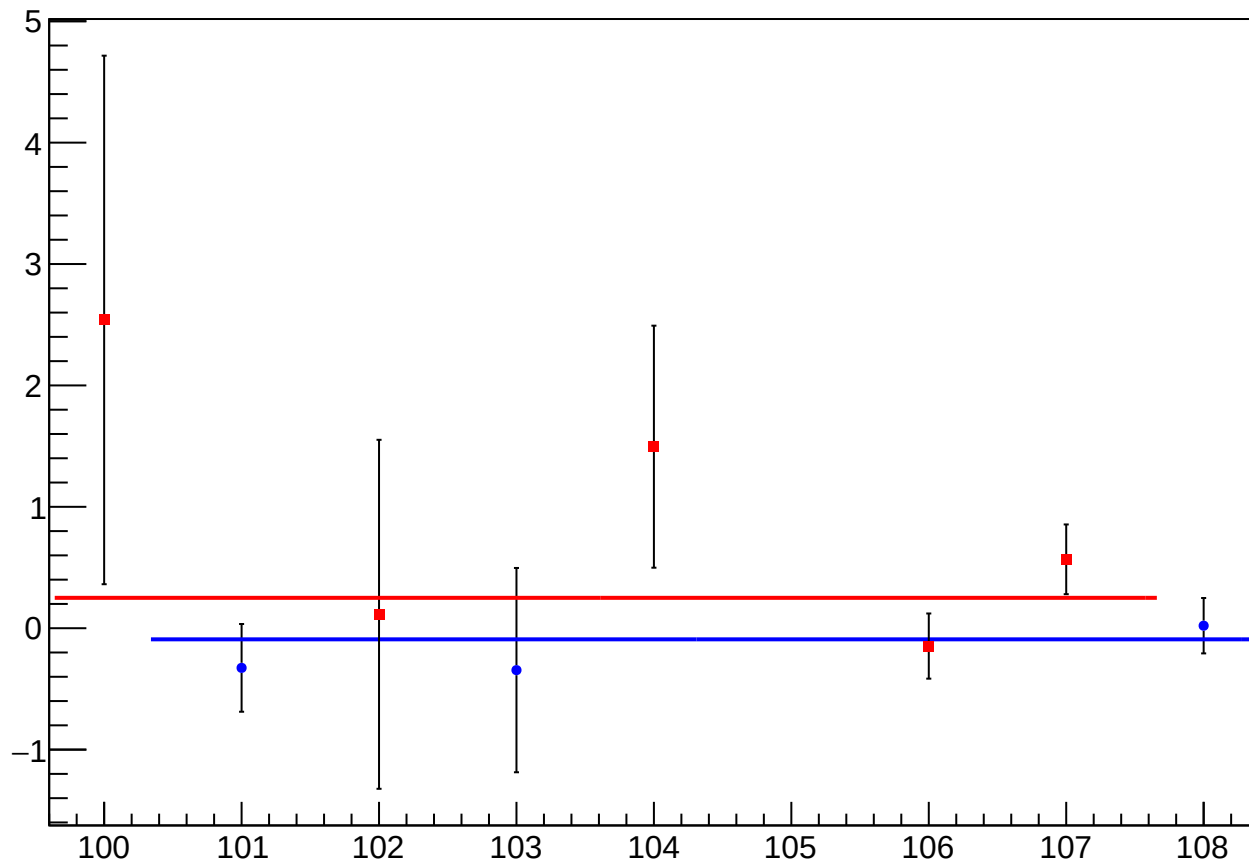
Right: 0.000+/-0.000 χ^2/NDF : 280780.4/7

In: 0.000+/-0.000 χ^2/NDF : 26064.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 280780.4/7

asym_usr_atr2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.092 ± 0.188 χ^2/NDF : 0.8/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.250 ± 0.190 χ^2/NDF : 6.1/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

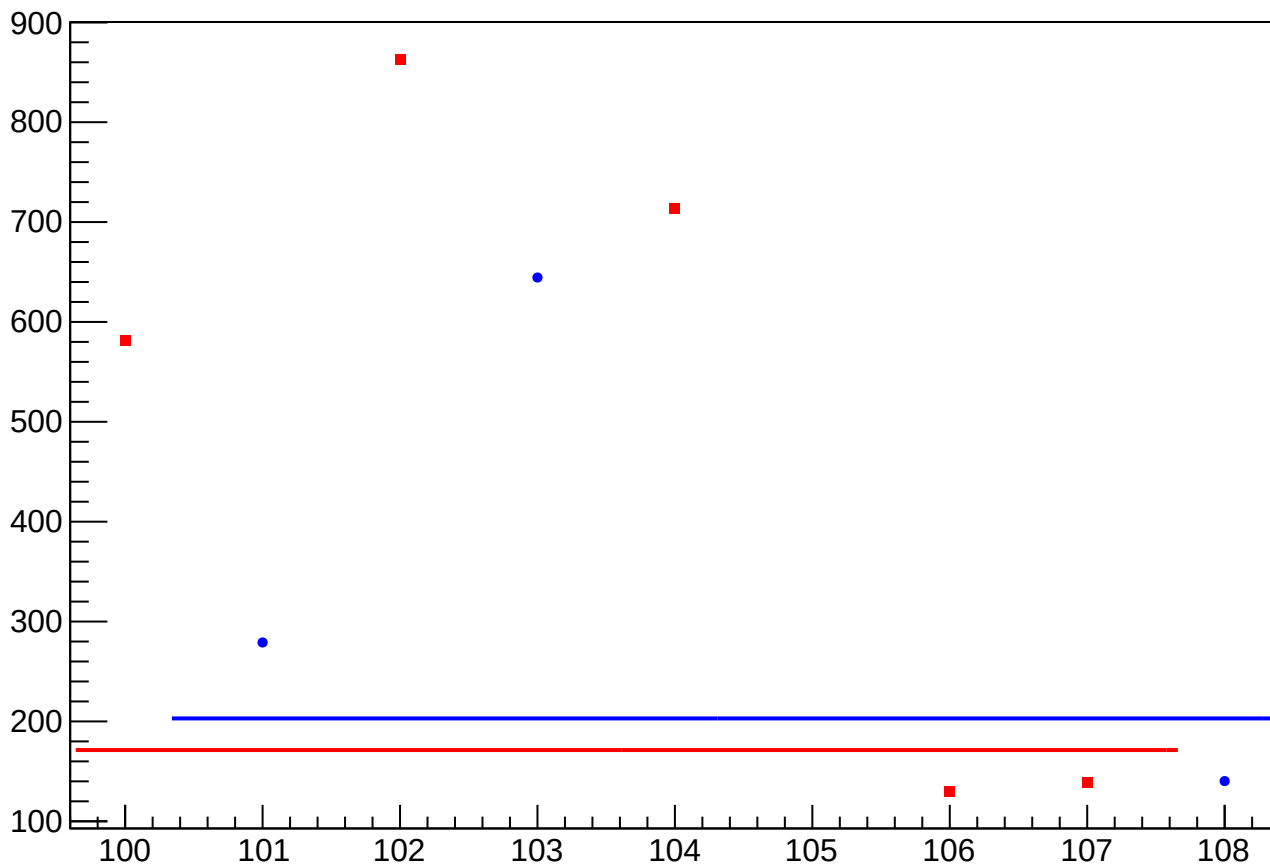
Right: 0.078 ± 0.134 χ^2/NDF : 8.5/7

In: -0.092 ± 0.188 χ^2/NDF : 0.8/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.078 ± 0.134 χ^2/NDF : 8.5/7

asym_usr_atr2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 203.006+/-0.133 χ^2/NDF : 790376.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.349+/-0.134 χ^2/NDF : 1197966.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

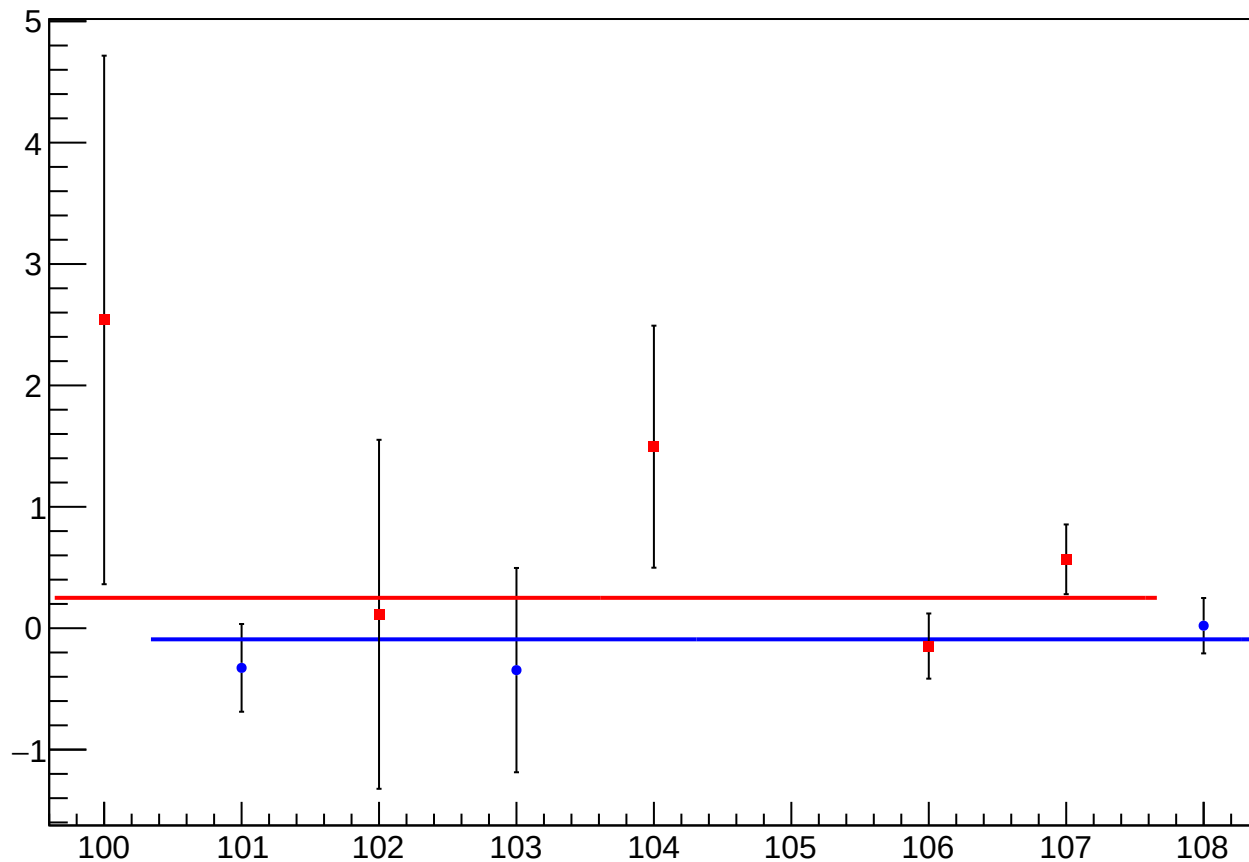
Right: 187.344+/-0.095 χ^2/NDF : 2016392.5/7

In: 203.006+/-0.133 χ^2/NDF : 790376.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 187.344+/-0.095 χ^2/NDF : 2016392.5/7

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.092 $\pm$ 0.188 χ^2 /NDF: 0.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.250 $\pm$ 0.190 χ^2 /NDF: 6.1/4

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

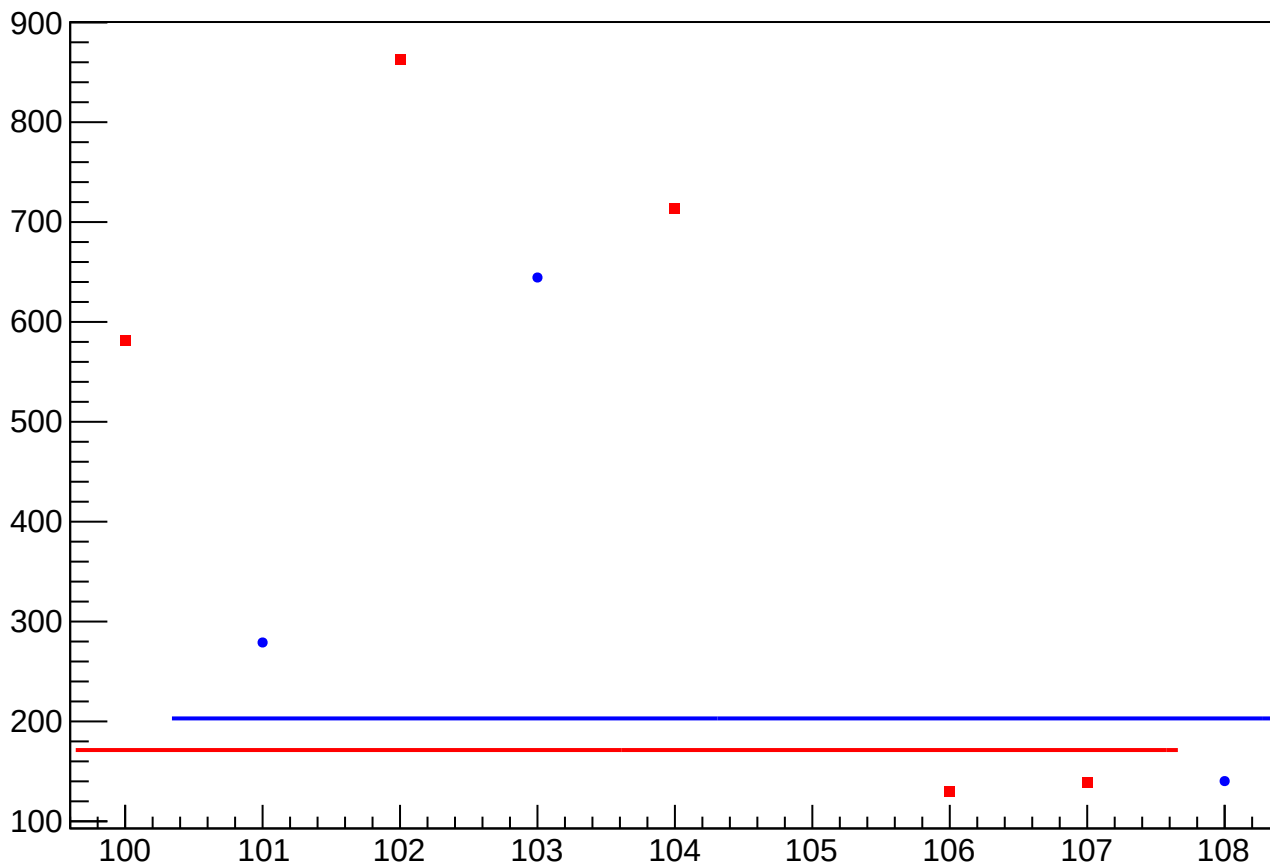
Right: 0.078 $\pm$ 0.134 χ^2 /NDF: 8.5/7

In: -0.092 $\pm$ 0.188 χ^2 /NDF: 0.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.078 $\pm$ 0.134 χ^2 /NDF: 8.5/7

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 203.006+/-0.133 χ^2/NDF : 790376.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.349+/-0.134 χ^2/NDF : 1197966.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

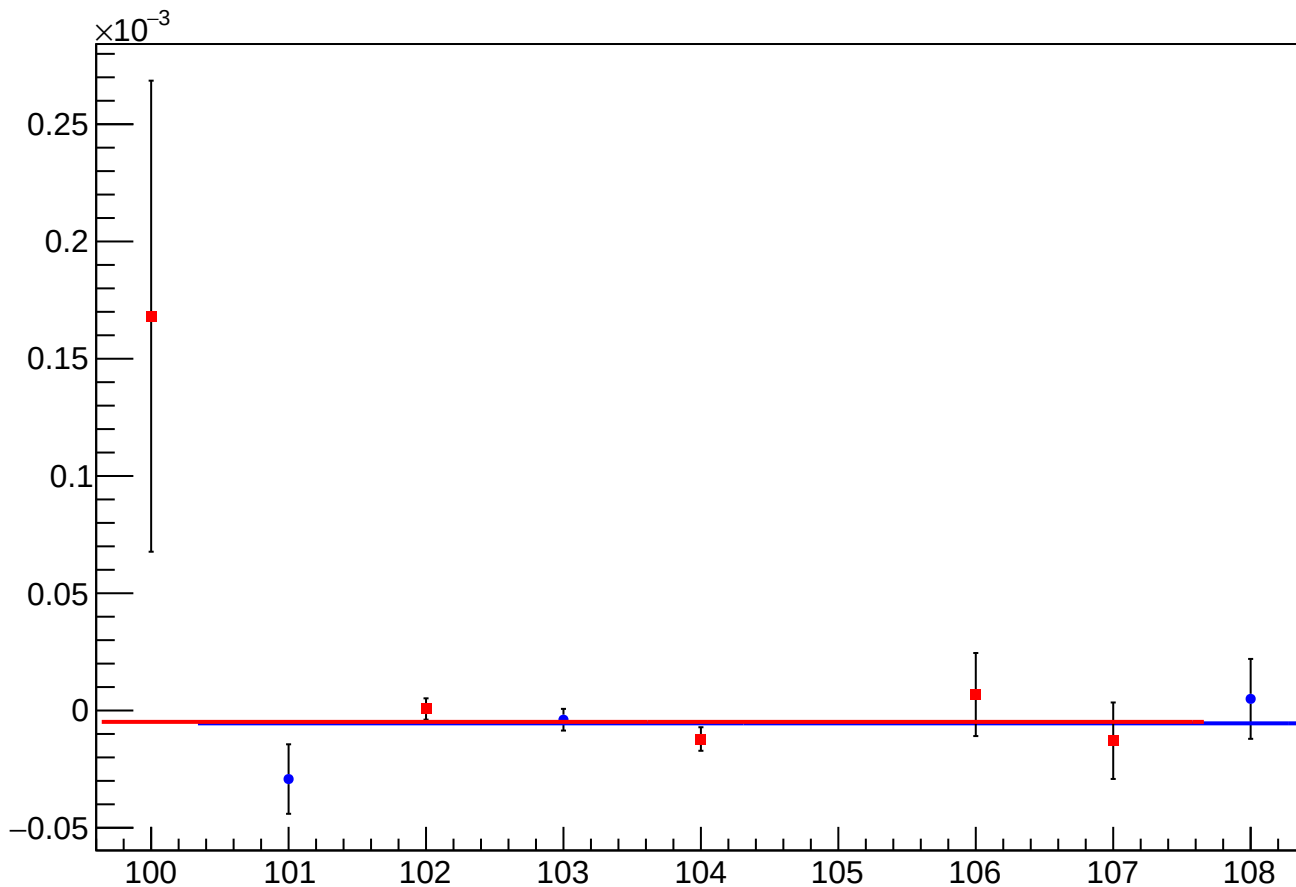
Right: 187.344+/-0.095 χ^2/NDF : 2016392.5/7

In: 203.006+/-0.133 χ^2/NDF : 790376.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 187.344+/-0.095 χ^2/NDF : 2016392.5/7

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

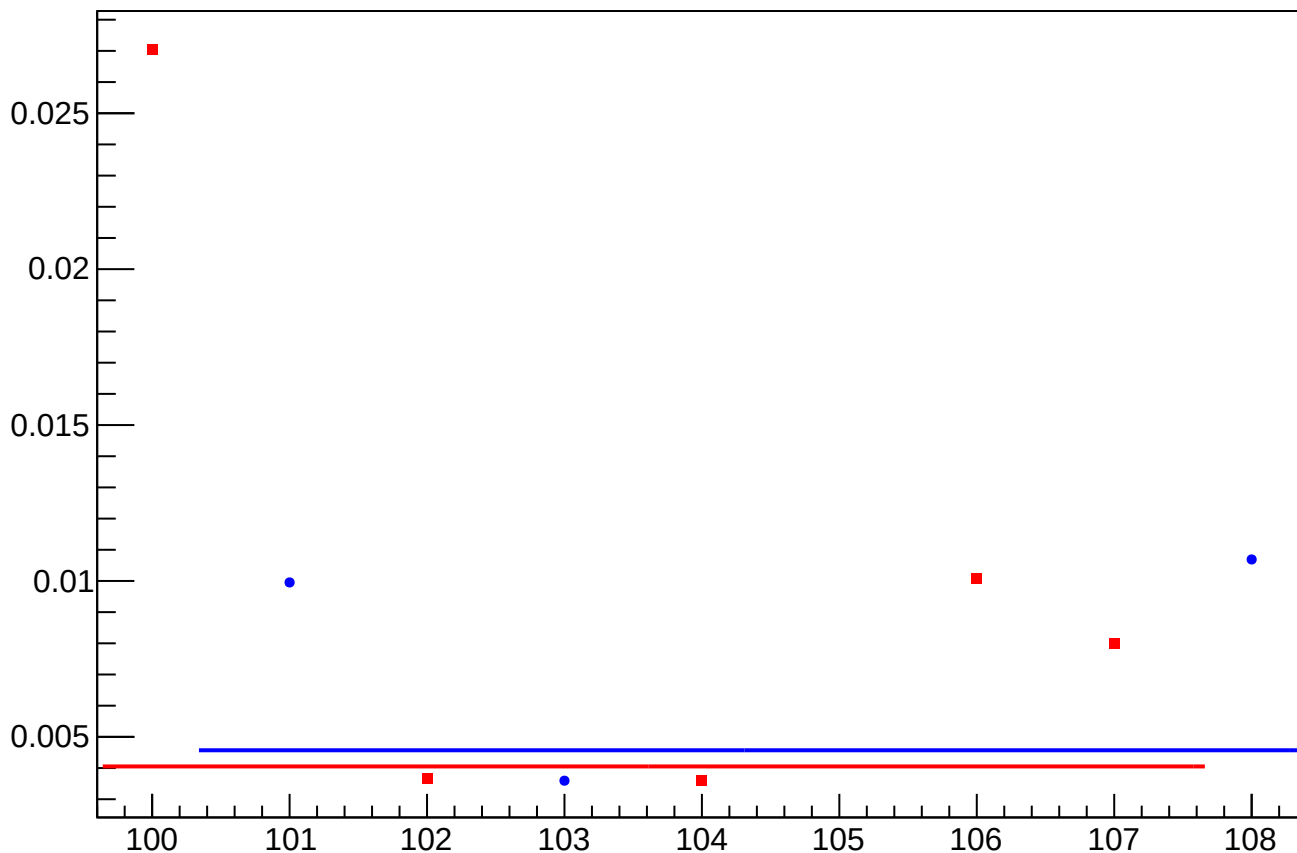
Right: -0.000+/-0.000 χ^2/NDF : 10.3/7

In: -0.000+/-0.000 χ^2/NDF : 3.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.3/7

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 611028.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 482245.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

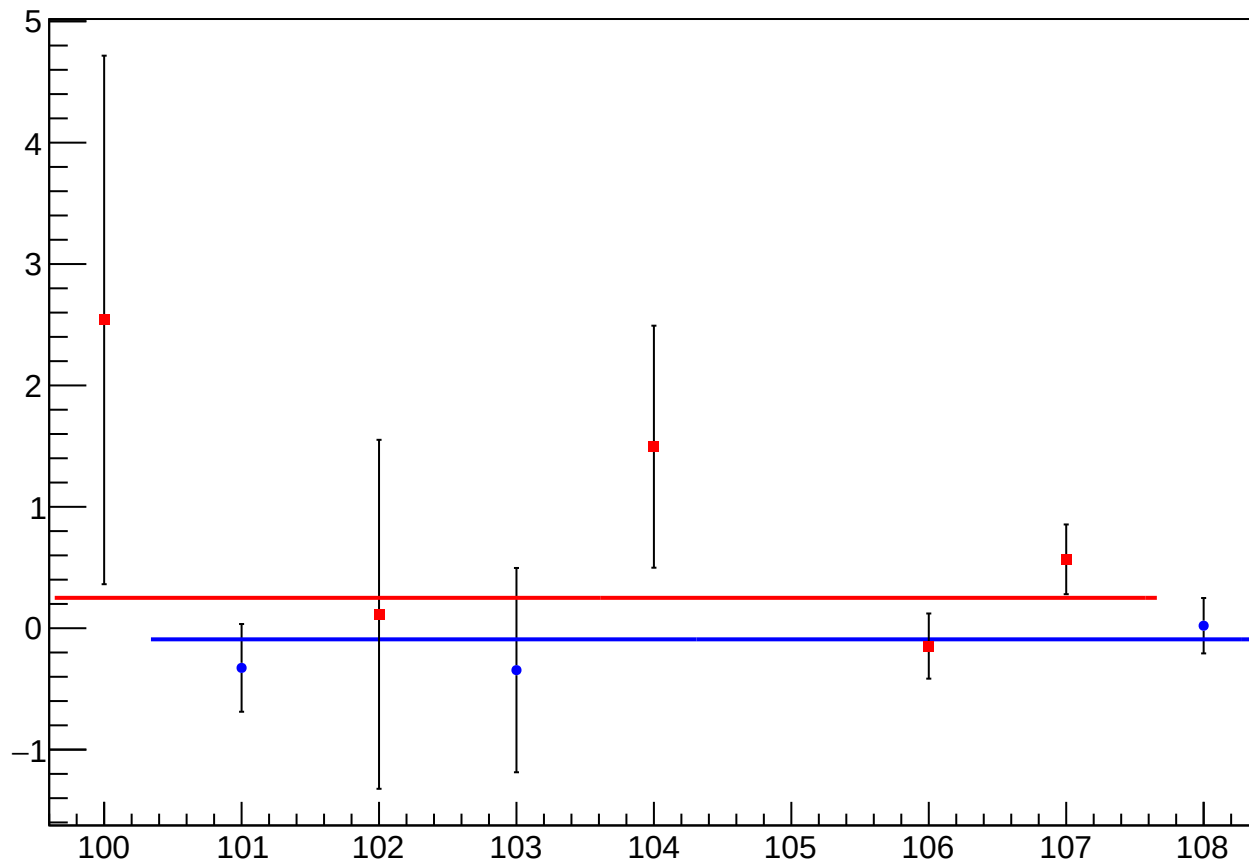
Right: 0.004+/-0.000 χ^2/NDF : 1111944.3/7

In: 0.005+/-0.000 χ^2/NDF : 611028.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 1111944.3/7

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.092 $\pm$ 0.188 χ^2 /NDF: 0.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.250 $\pm$ 0.190 χ^2 /NDF: 6.1/4

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

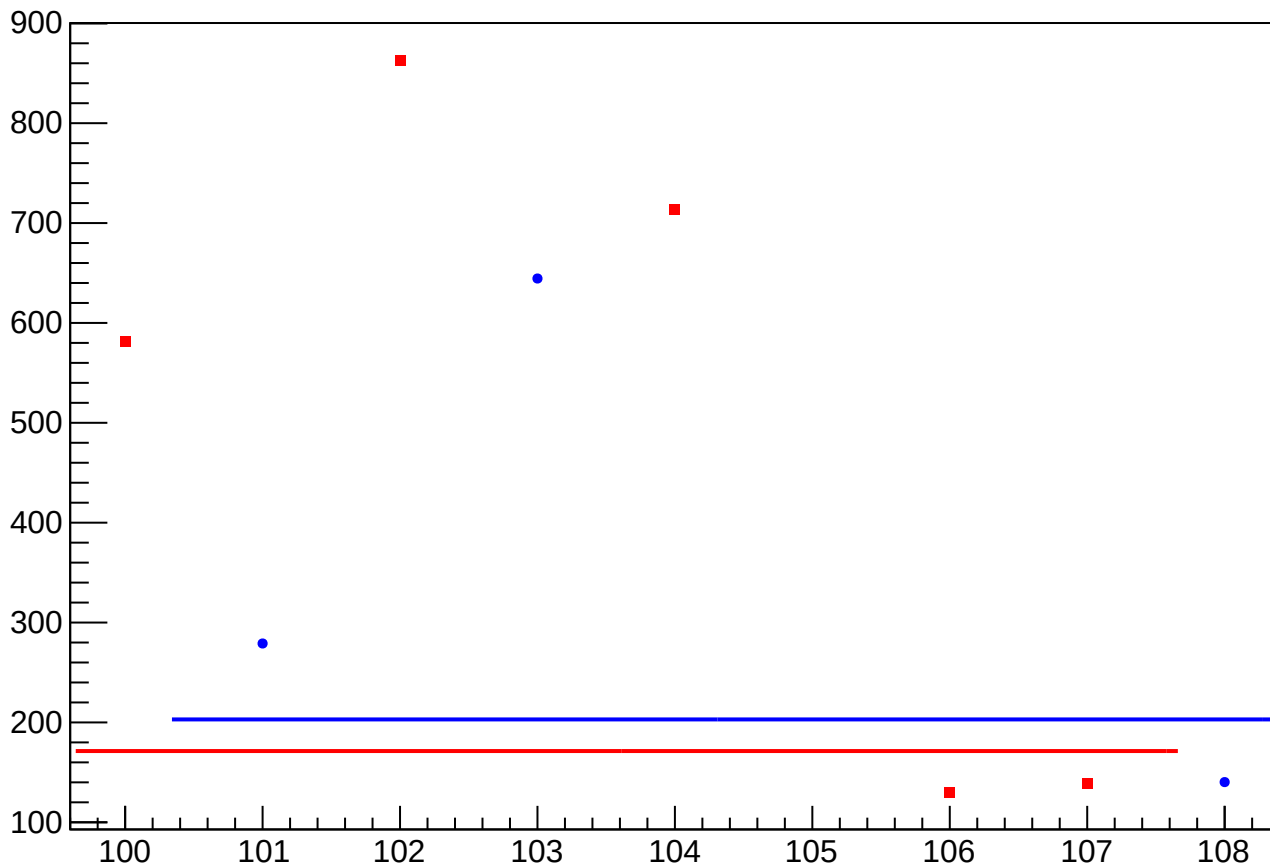
Right: 0.078 $\pm$ 0.134 χ^2 /NDF: 8.5/7

In: -0.092 $\pm$ 0.188 χ^2 /NDF: 0.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.078 $\pm$ 0.134 χ^2 /NDF: 8.5/7

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 203.004+/-0.133 χ^2/NDF : 790381.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.348+/-0.134 χ^2/NDF : 1197966.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

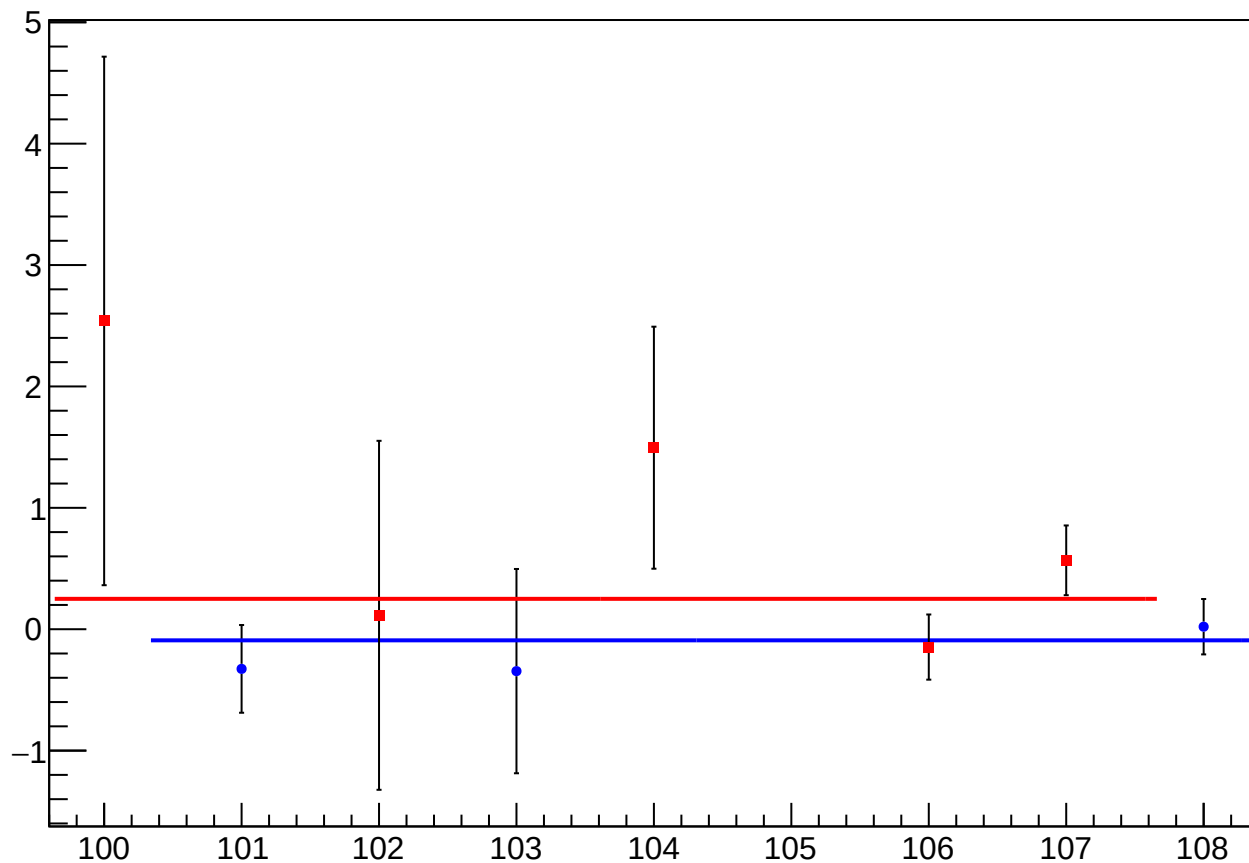
Right: 187.343+/-0.095 χ^2/NDF : 2016397.8/7

In: 203.004+/-0.133 χ^2/NDF : 790381.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 187.343+/-0.095 χ^2/NDF : 2016397.8/7

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.092 $\pm$ 0.188 χ^2 /NDF: 0.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.250 $\pm$ 0.190 χ^2 /NDF: 6.1/4

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

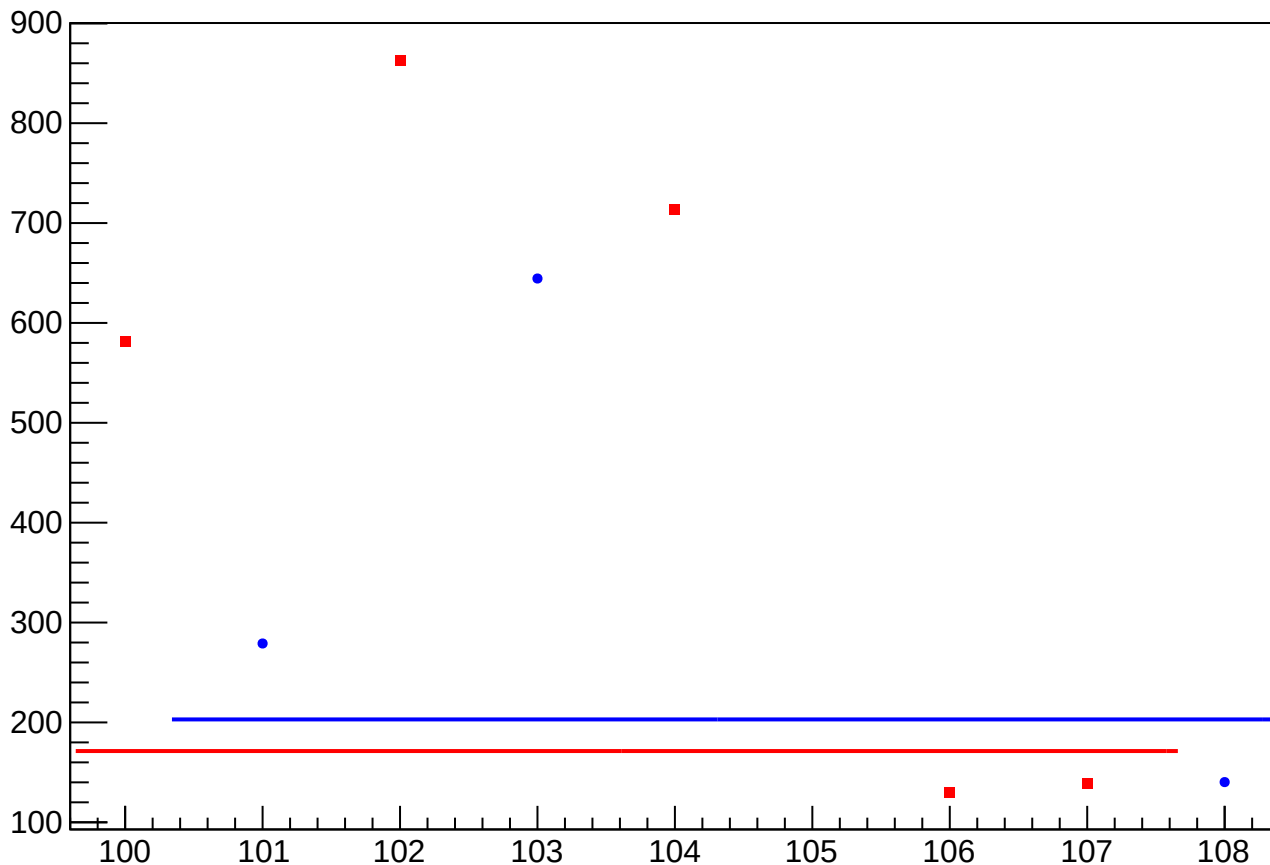
Right: 0.078 $\pm$ 0.134 χ^2 /NDF: 8.5/7

In: -0.092 $\pm$ 0.188 χ^2 /NDF:0.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.078 $\pm$ 0.134 χ^2 /NDF: 8.5/7

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 203.004+/-0.133 χ^2/NDF : 790381.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.348+/-0.134 χ^2/NDF : 1197966.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

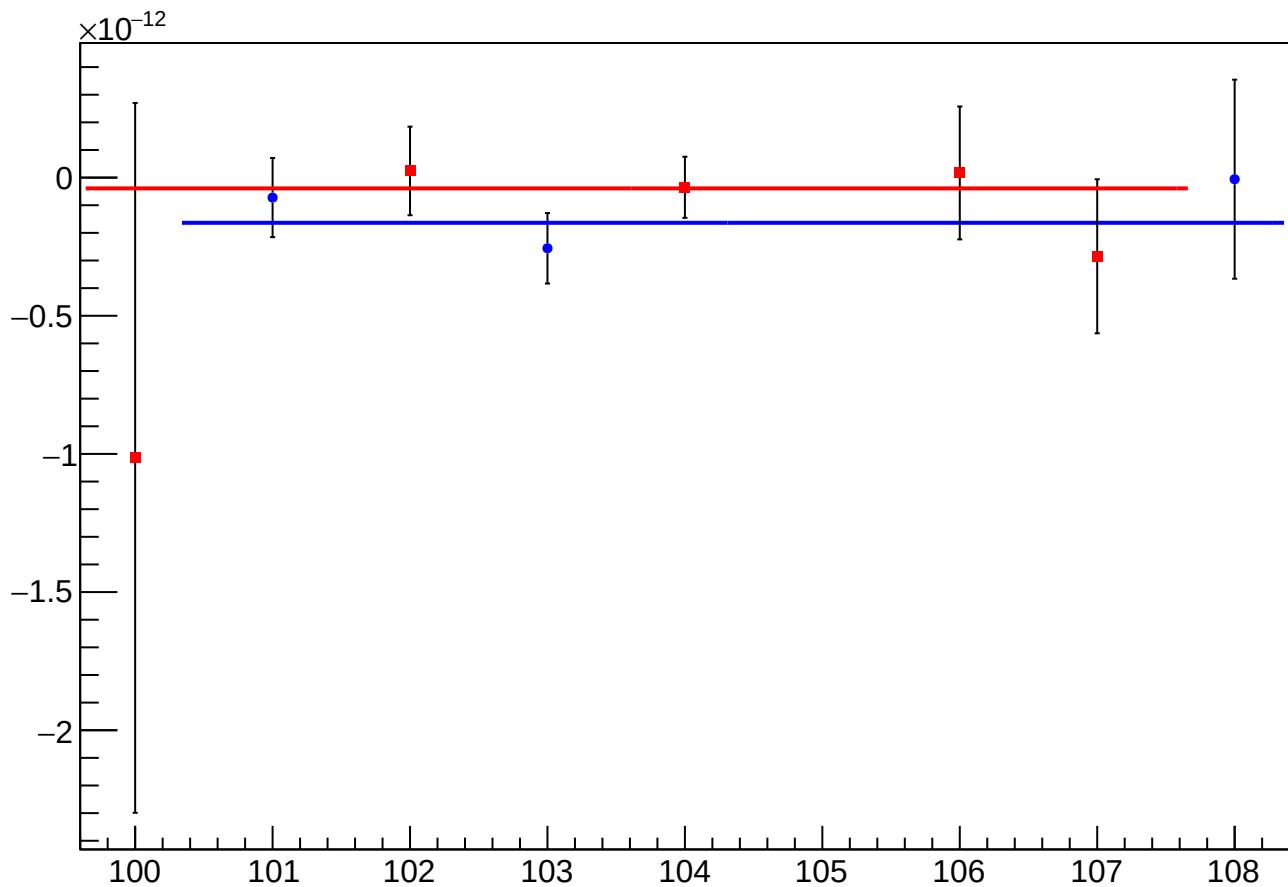
Right: 187.343+/-0.095 χ^2/NDF : 2016397.8/7

In: 203.004+/-0.133 χ^2/NDF : 790381.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 187.343+/-0.095 χ^2/NDF : 2016397.8/7

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 1.1/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 1.6/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

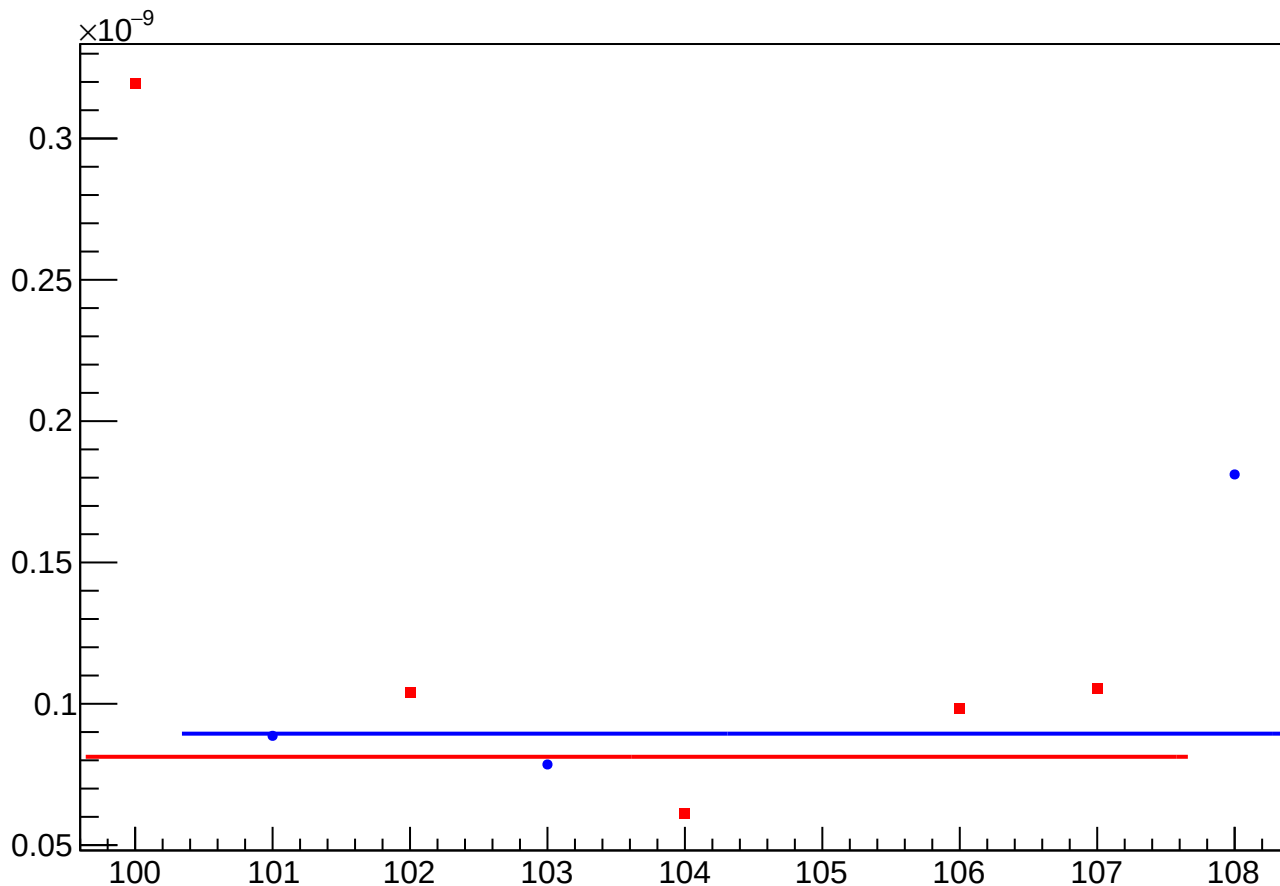
Right: -0.000+/-0.000 χ^2 /NDF: 3.7/7

In: -0.000+/-0.000 χ^2 /NDF:1.1/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 3.7/7

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 144297.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 200838.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

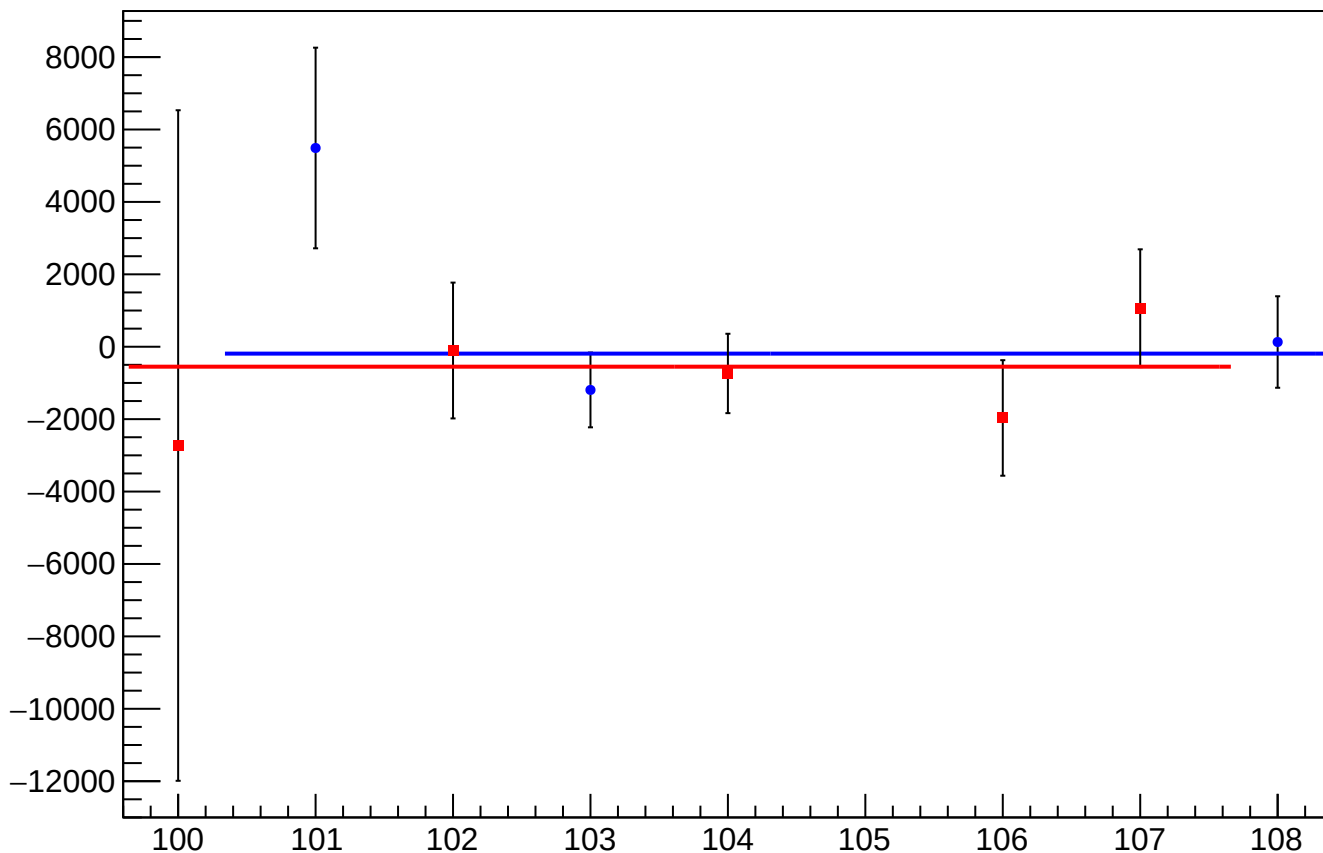
Right: 0.000+/-0.000 χ^2/NDF : 354009.6/7

In: 0.000+/-0.000 χ^2/NDF : 144297.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 354009.6/7

reg_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -190.069+/-768.309 χ^2/NDF : 5.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -550.910+/-725.678 χ^2/NDF : 1.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

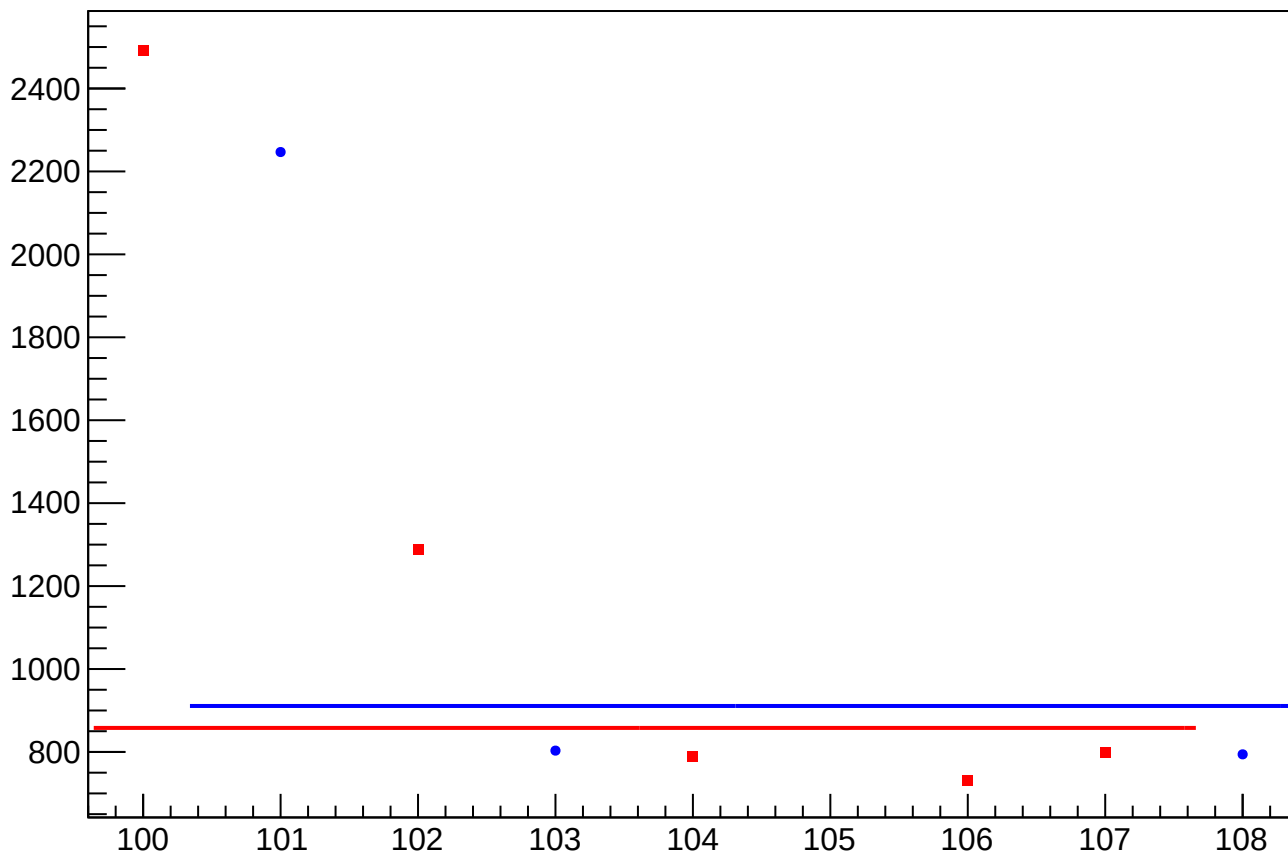
Right: -380.778+/-527.559 χ^2/NDF : 7.2/7

In: -190.069+/-768.309 χ^2/NDF : 5.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -380.778+/-527.559 χ^2/NDF : 7.2/7

reg_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 910.889+/-0.543 χ^2/NDF : 503644.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 857.962+/-0.500 χ^2/NDF : 193952.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

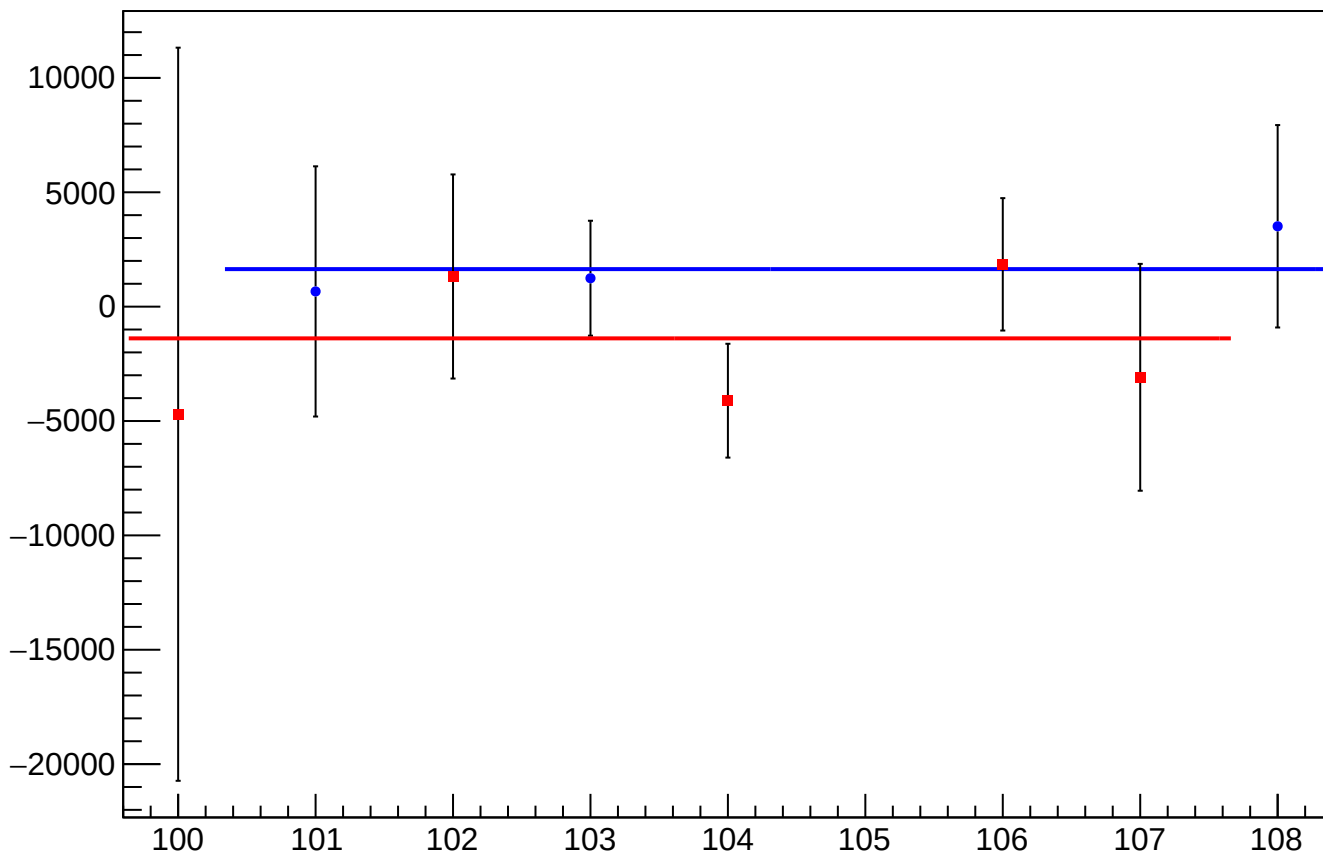
Right: 882.247+/-0.368 χ^2/NDF : 702732.7/7

In: 910.889+/-0.543 χ^2/NDF : 503644.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 882.247+/-0.368 χ^2/NDF : 702732.7/7

asym_usr_atr2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 1640.994+/-2028.869 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1386.786+/-1631.487 χ^2/NDF : 3.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

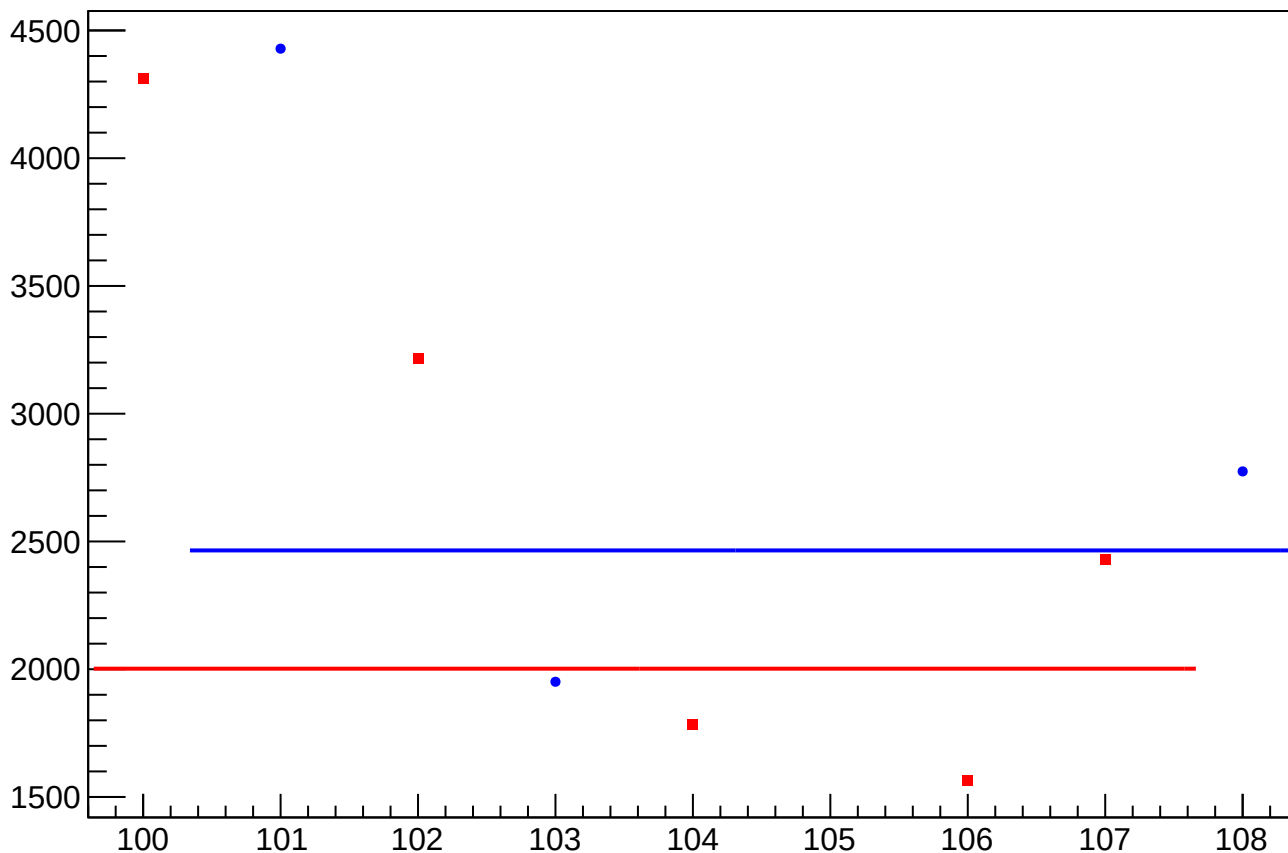
Right: -197.775+/-1271.408 χ^2/NDF : 4.6/7

In: 1640.994+/-2028.869 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -197.775+/-1271.408 χ^2/NDF : 4.6/7

asym_usr_atr2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2464.941 $\pm$ 1.435 χ^2 /NDF: 351316.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2002.114 $\pm$ 1.154 χ^2 /NDF: 265420.5/4

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

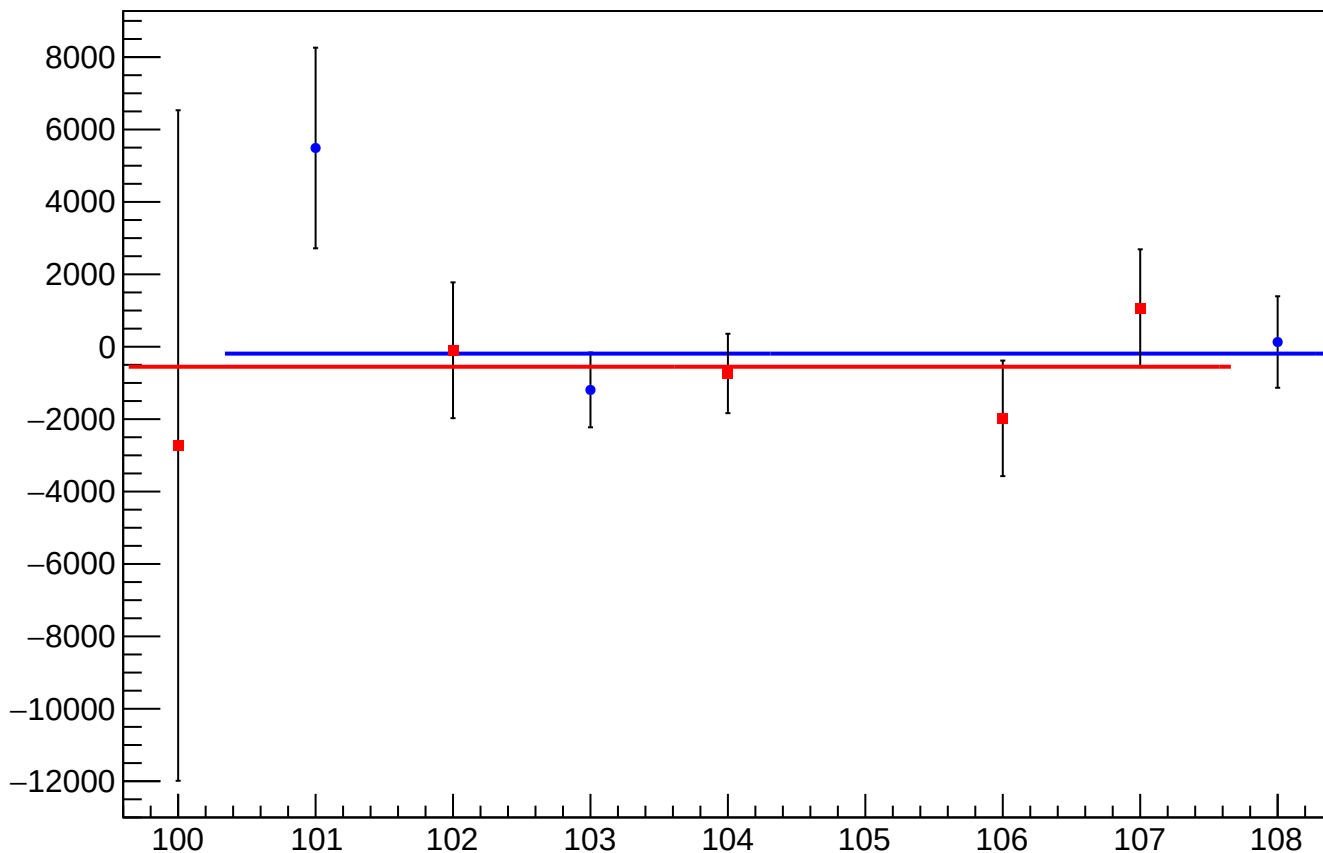
Right: 2183.867 $\pm$ 0.899 χ^2 /NDF: 679943.7/7

In: 2464.941 $\pm$ 1.435 χ^2 /NDF:351316.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2183.867 $\pm$ 0.899 χ^2 /NDF: 679943.7/7

cor_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -189.957+/-768.310 χ^2/NDF : 5.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -552.155+/-725.701 χ^2/NDF : 1.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

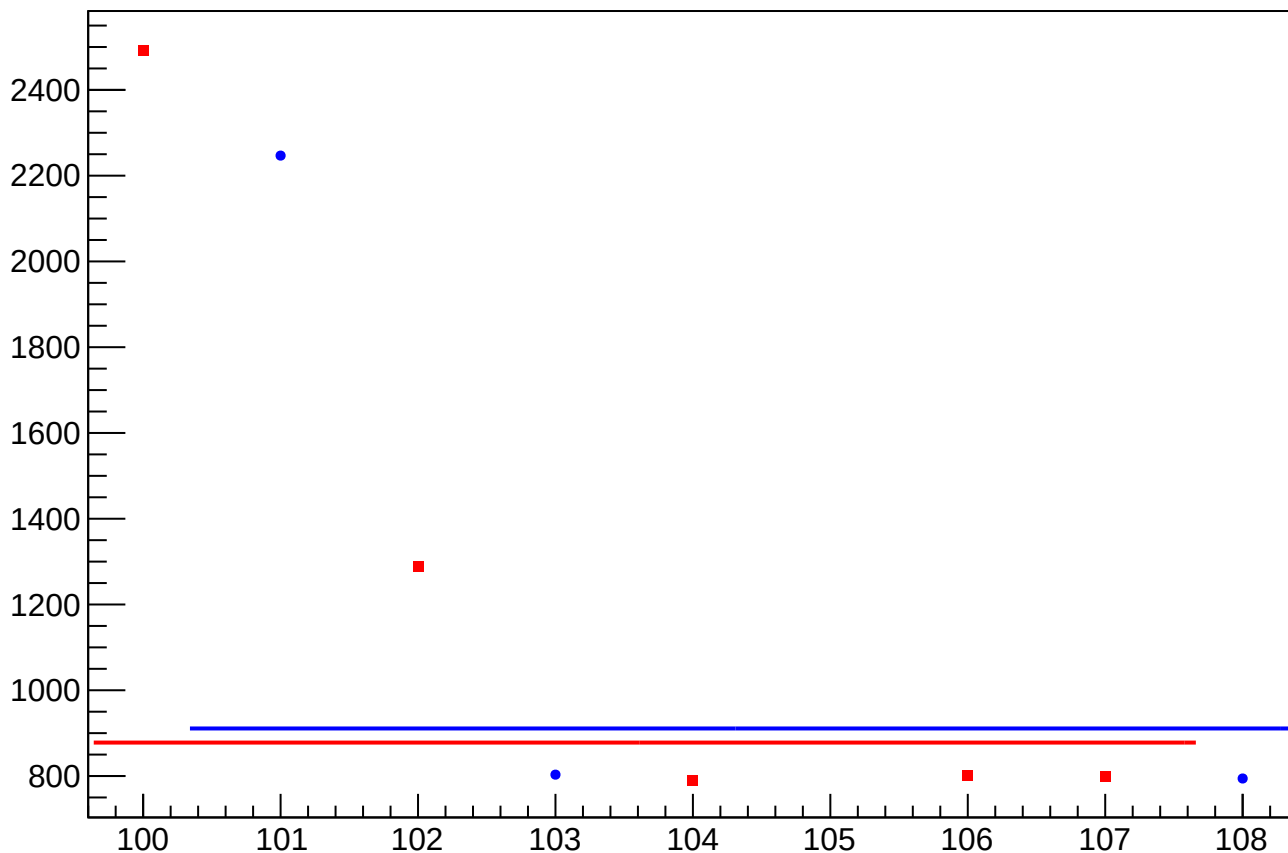
Right: -381.378+/-527.569 χ^2/NDF : 7.3/7

In: -189.957+/-768.310 χ^2/NDF : 5.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -381.378+/-527.569 χ^2/NDF : 7.3/7

cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 910.890+/-0.543 χ^2/NDF : 503643.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 878.004+/-0.510 χ^2/NDF : 179367.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

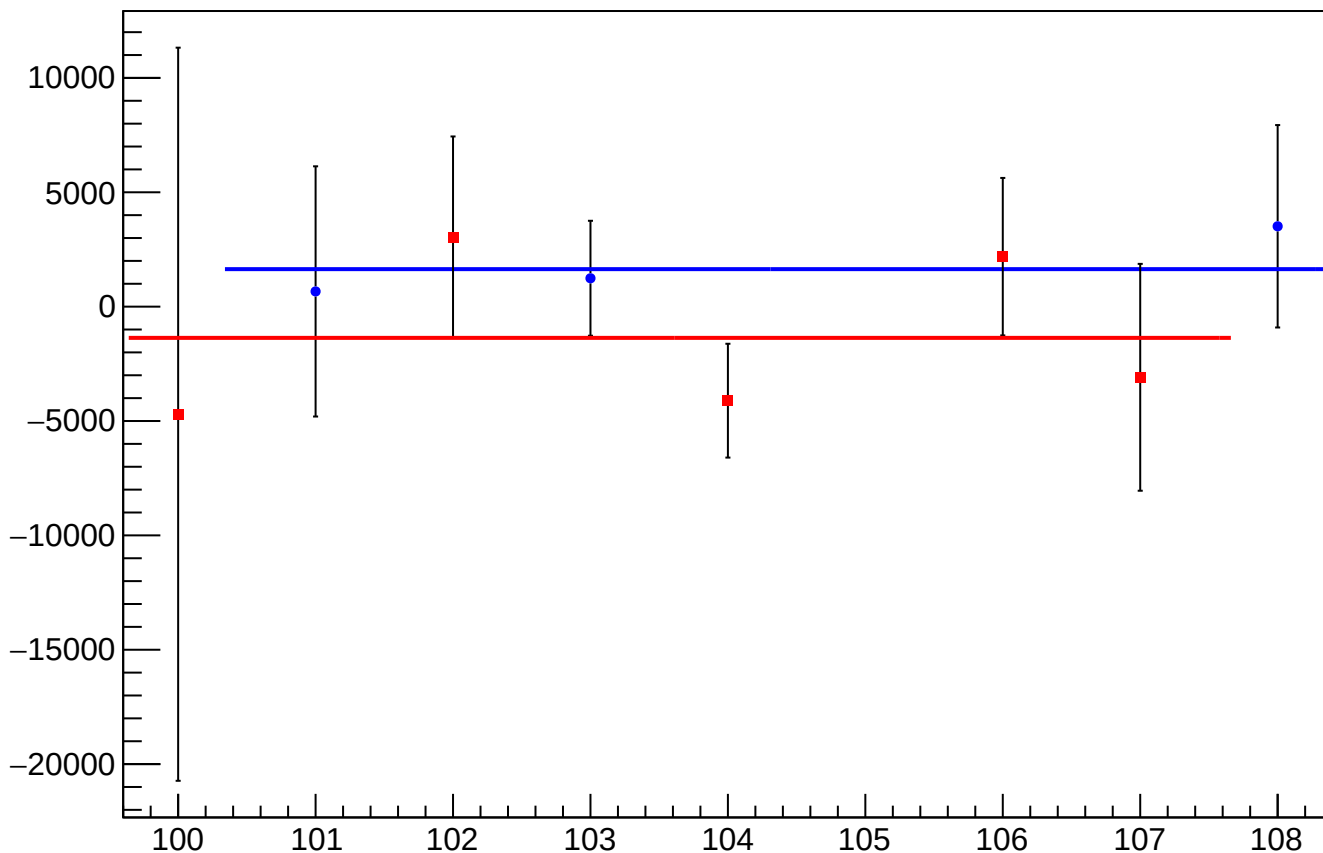
Right: 893.412+/-0.372 χ^2/NDF : 684958.5/7

In: 910.890+/-0.543 χ^2/NDF : 503643.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 893.412+/-0.372 χ^2/NDF : 684958.5/7

asym_usr_atr2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1639.707+/-2029.094 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1365.119+/-1709.811 χ^2/NDF : 3.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

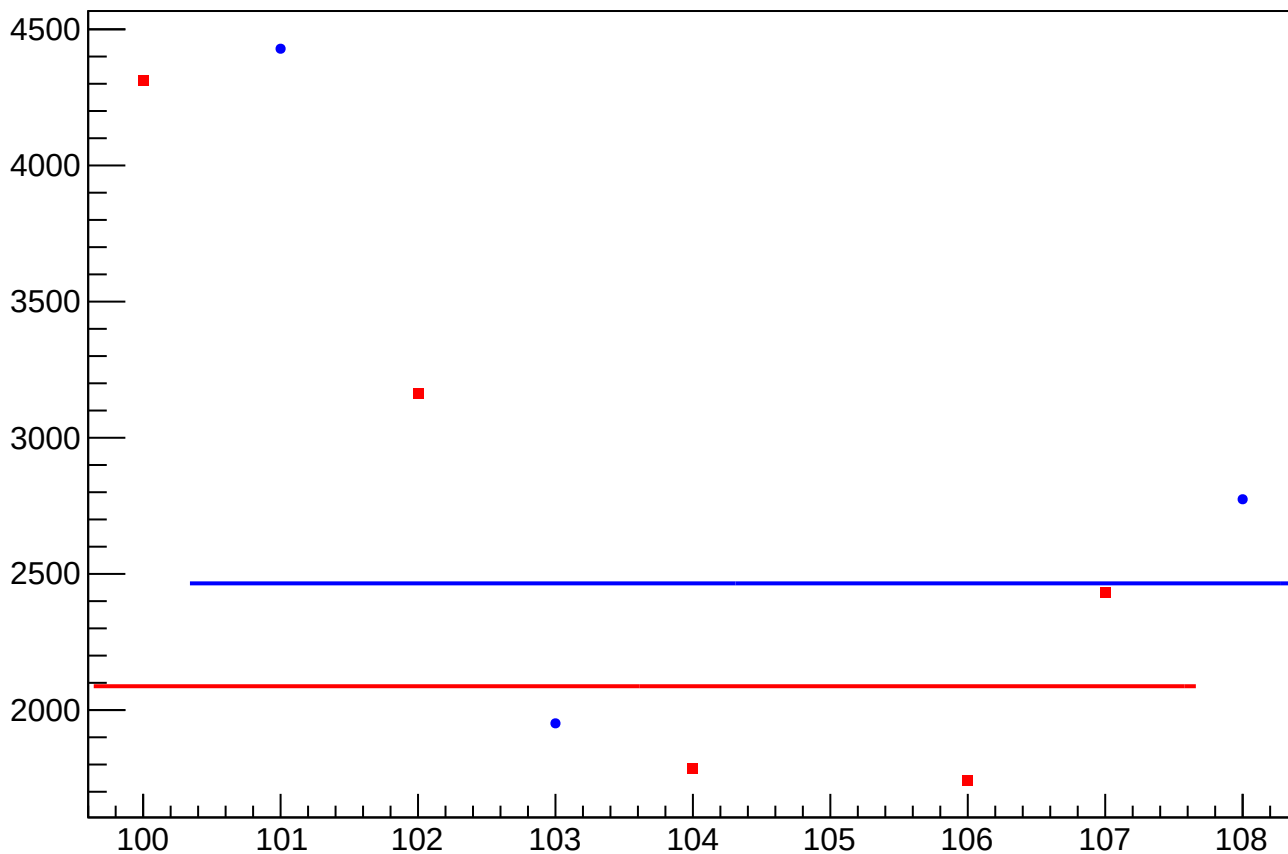
Right: -117.445+/-1307.504 χ^2/NDF : 5.0/7

In: 1639.707+/-2029.094 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -117.445+/-1307.504 χ^2/NDF : 5.0/7

asym_usr_atr2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2465.286+/-1.435 χ^2/NDF : 351172.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2087.533+/-1.209 χ^2/NDF : 217521.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

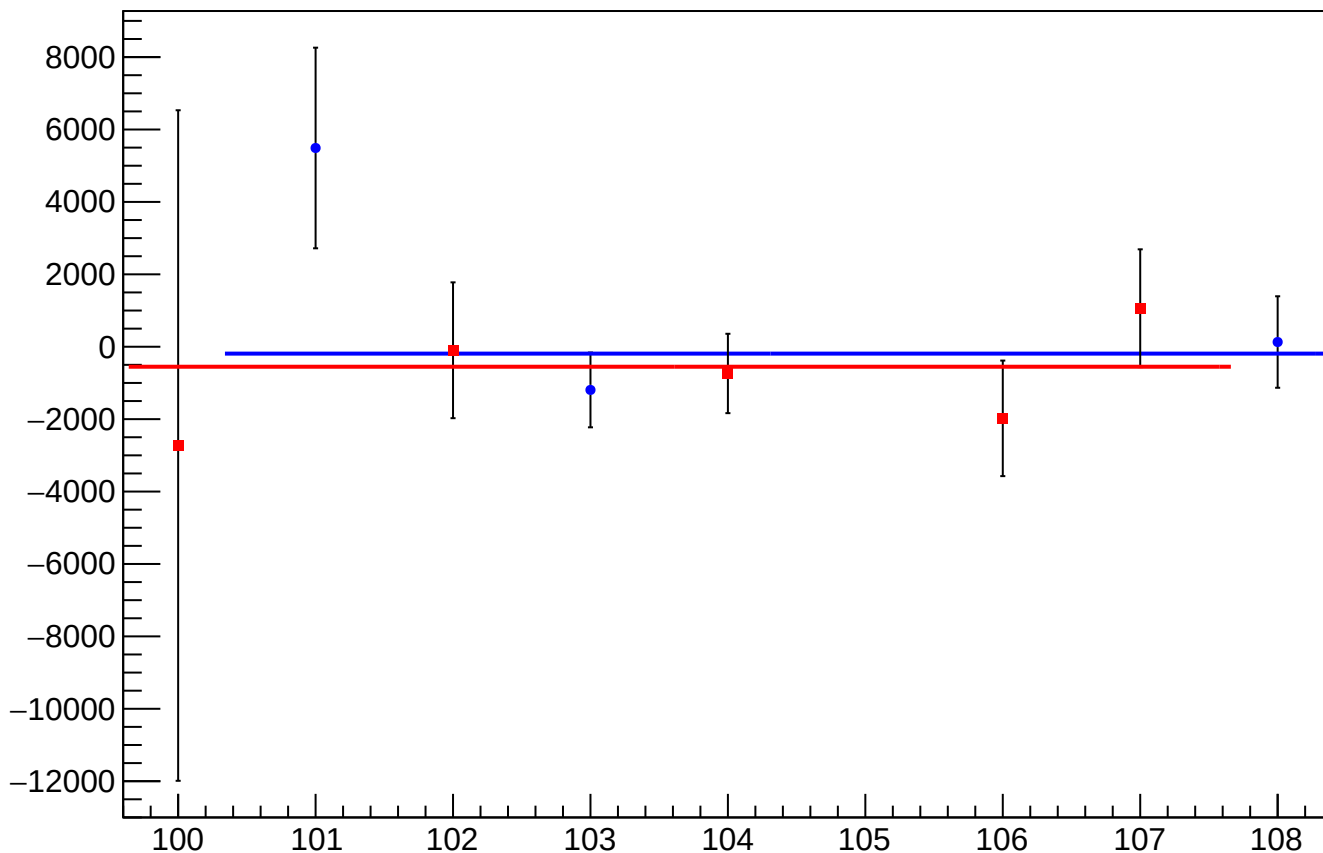
Right: 2244.385+/-0.925 χ^2/NDF : 609228.8/7

In: 2465.286+/-1.435 χ^2/NDF : 351172.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2244.385+/-0.925 χ^2/NDF : 609228.8/7

eigen_cor_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -189.957+/-768.310 χ^2/NDF : 5.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -552.155+/-725.701 χ^2/NDF : 1.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

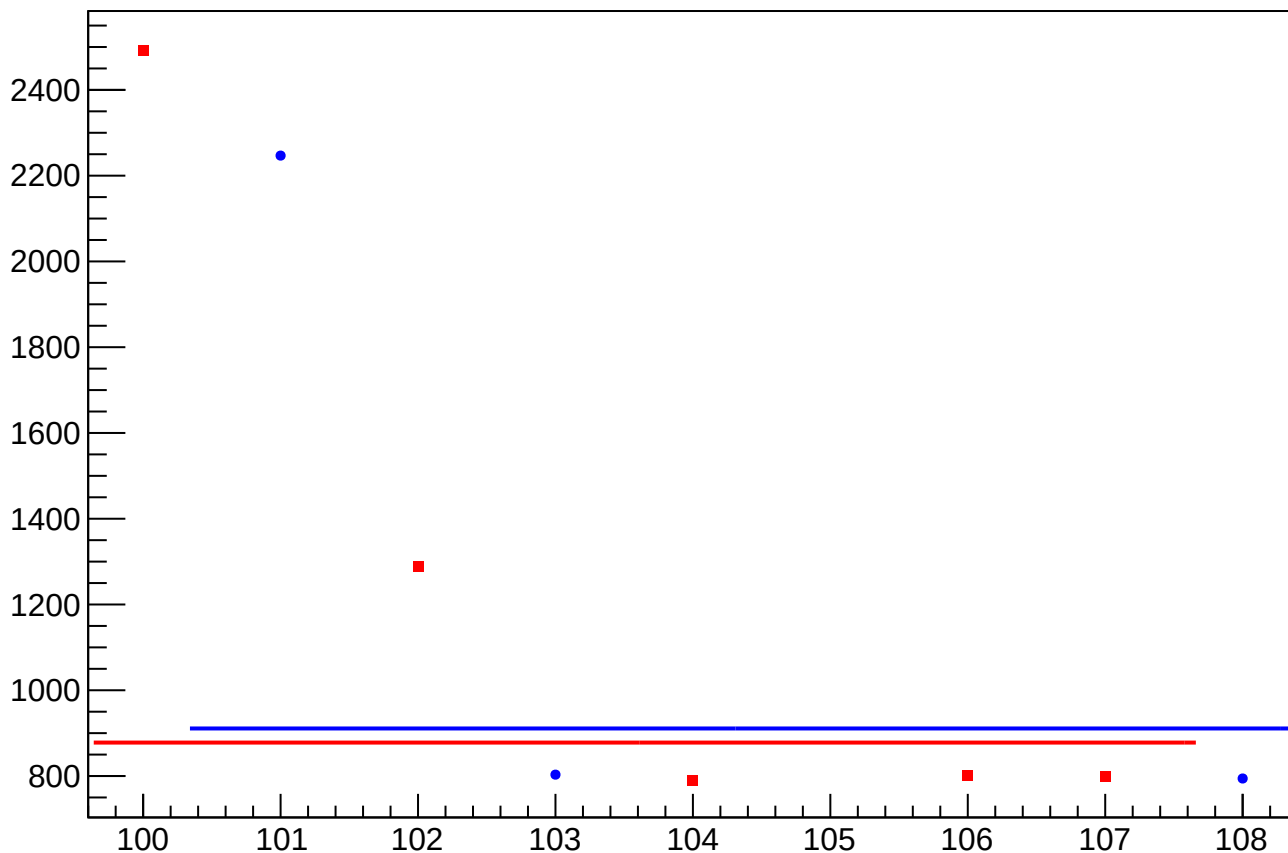
Right: -381.378+/-527.569 χ^2/NDF : 7.3/7

In: -189.957+/-768.310 χ^2/NDF : 5.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -381.378+/-527.569 χ^2/NDF : 7.3/7

eigen_cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 910.890+/-0.543 χ^2/NDF : 503643.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 878.004+/-0.510 χ^2/NDF : 179367.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

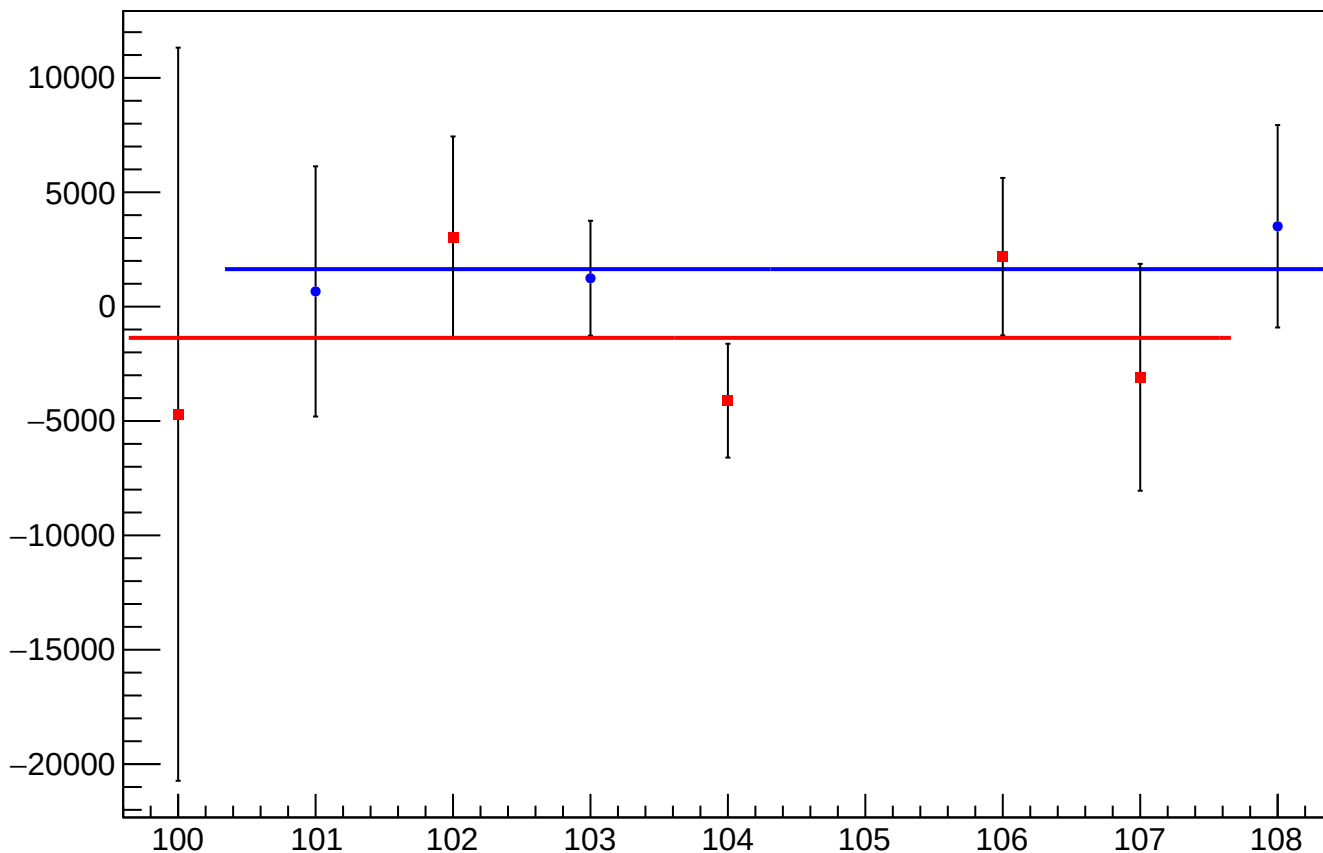
Right: 893.412+/-0.372 χ^2/NDF : 684958.5/7

In: 910.890+/-0.543 χ^2/NDF : 503643.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 893.412+/-0.372 χ^2/NDF : 684958.5/7

asym_usr_atr2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1639.707 $\pm$ 2029.094 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -1365.119 $\pm$ -1709.811 χ^2 /NDF: 3.4/4

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

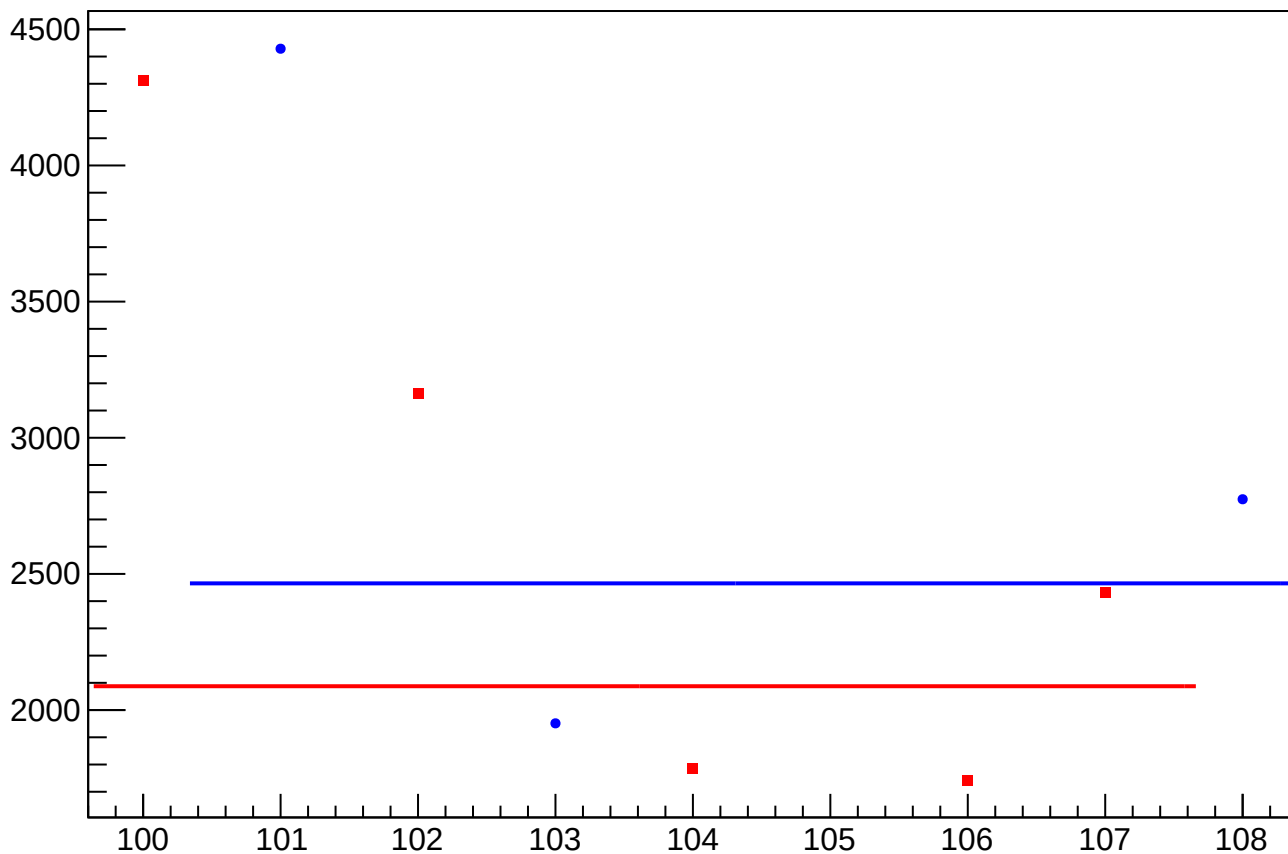
Right: -117.445 $\pm$ -1307.504 χ^2 /NDF: 5.0/7

In: 1639.707 $\pm$ -2029.094 χ^2 /NDF:0.2/2

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: -117.445 $\pm$ -1307.504 χ^2 /NDF: 5.0/7

asym_usr_atr2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2465.286+/-1.435 χ^2/NDF : 351172.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2087.533+/-1.209 χ^2/NDF : 217521.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

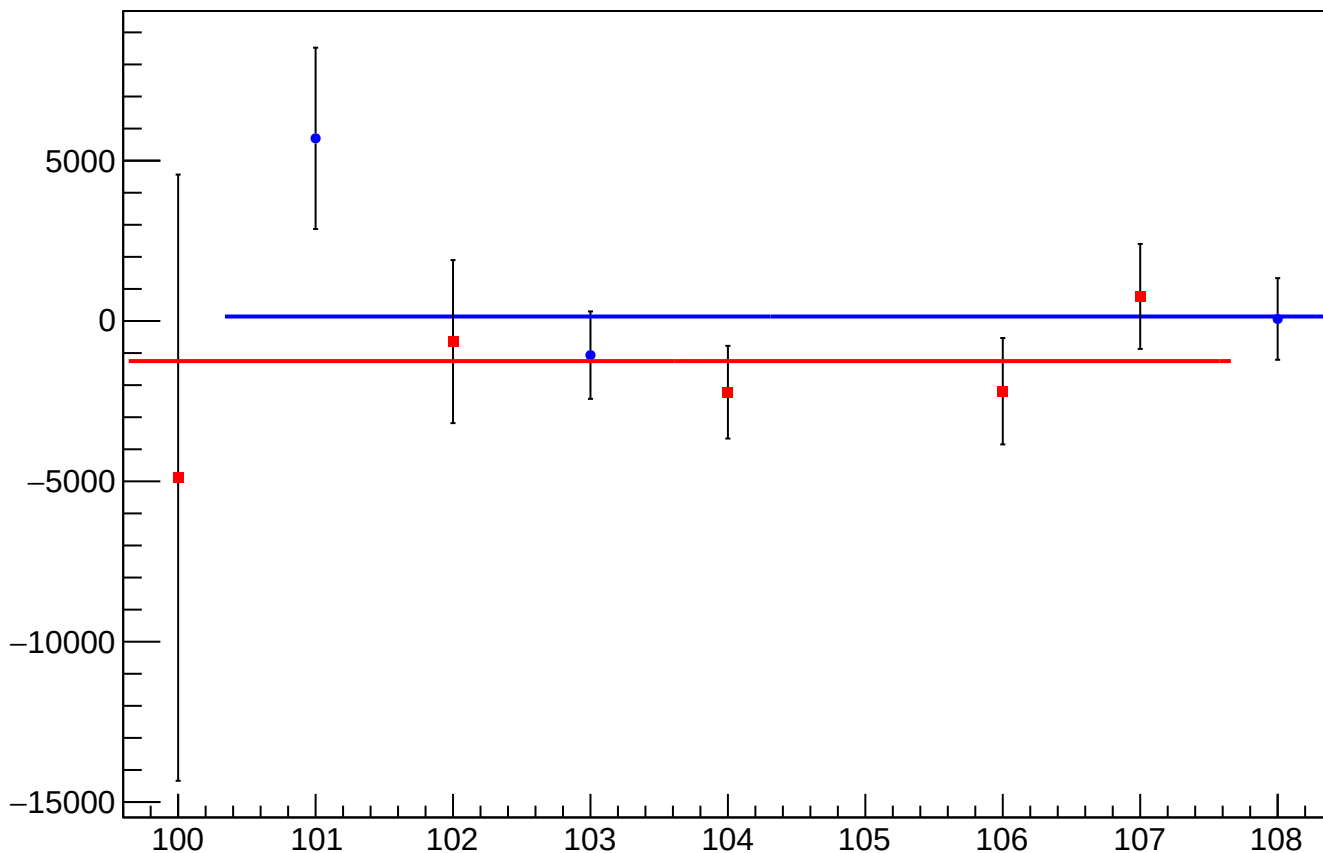
Right: 2244.385+/-0.925 χ^2/NDF : 609228.8/7

In: 2465.286+/-1.435 χ^2/NDF : 351172.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2244.385+/-0.925 χ^2/NDF : 609228.8/7

dit_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: 140.197+/-883.798 χ^2/NDF : 4.6/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1249.832+/-850.931 χ^2/NDF : 2.5/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

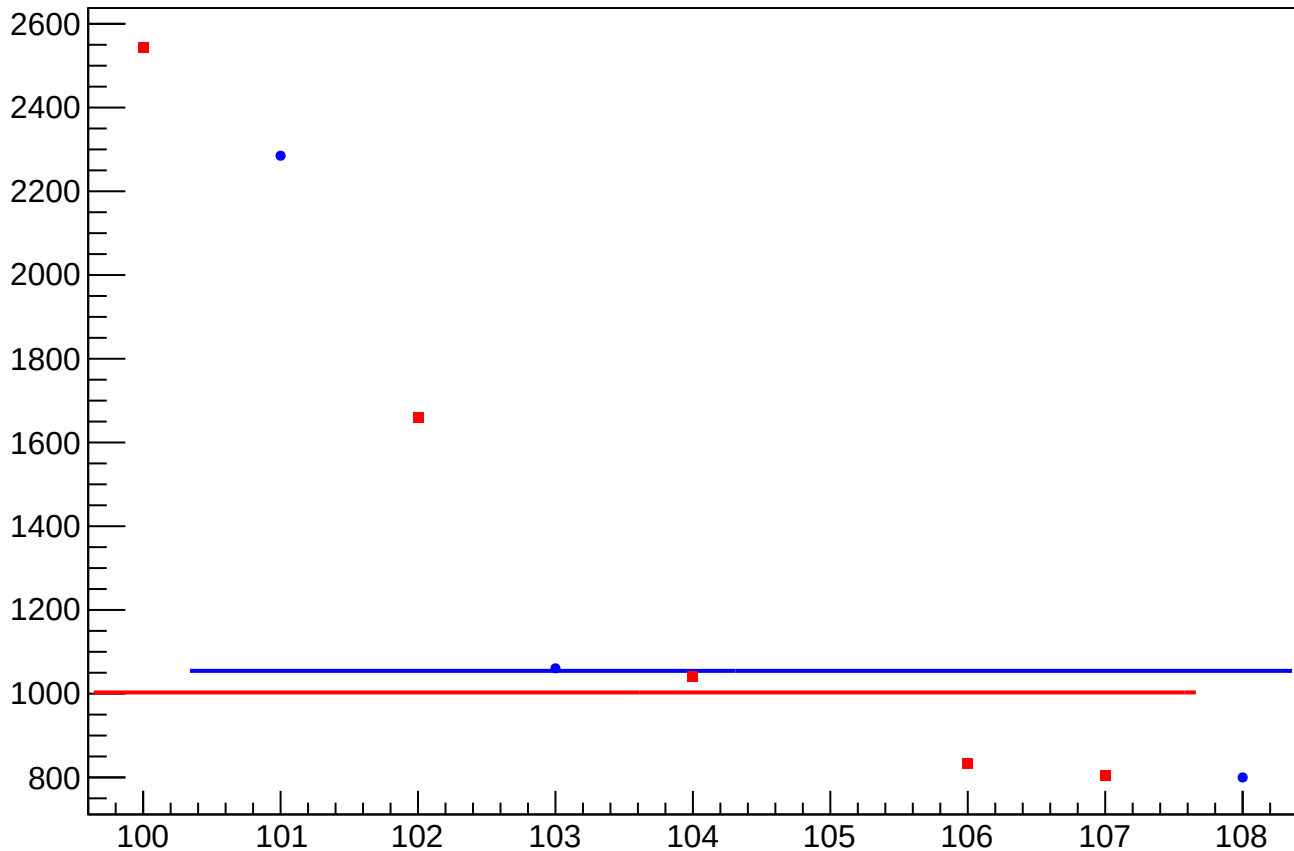
Right: -581.144+/-612.989 χ^2/NDF : 8.4/7

In: 140.197+/-883.798 χ^2/NDF :4.6/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -581.144+/-612.989 χ^2/NDF : 8.4/7

dit_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1054.493+/-0.625 χ^2/NDF : 458800.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1002.938+/-0.601 χ^2/NDF : 238364.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

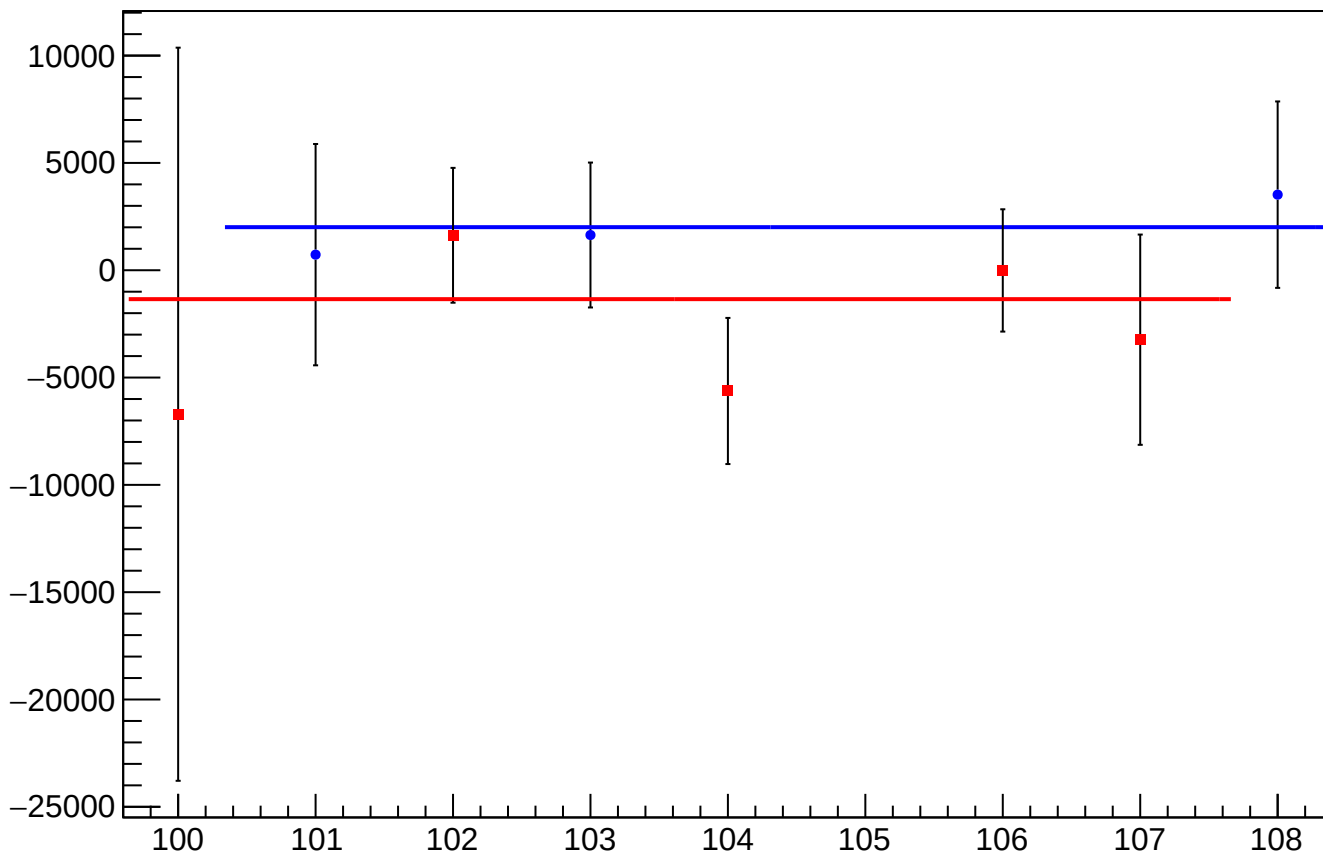
Right: 1027.694+/-0.433 χ^2/NDF : 700702.6/7

In: 1054.493+/-0.625 χ^2/NDF : 458800.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1027.694+/-0.433 χ^2/NDF : 700702.6/7

asym_usr_atr2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 2006.792 $\pm$ 2367.685 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1347.025 $\pm$ 1676.191 χ^2 /NDF: 2.9/4

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

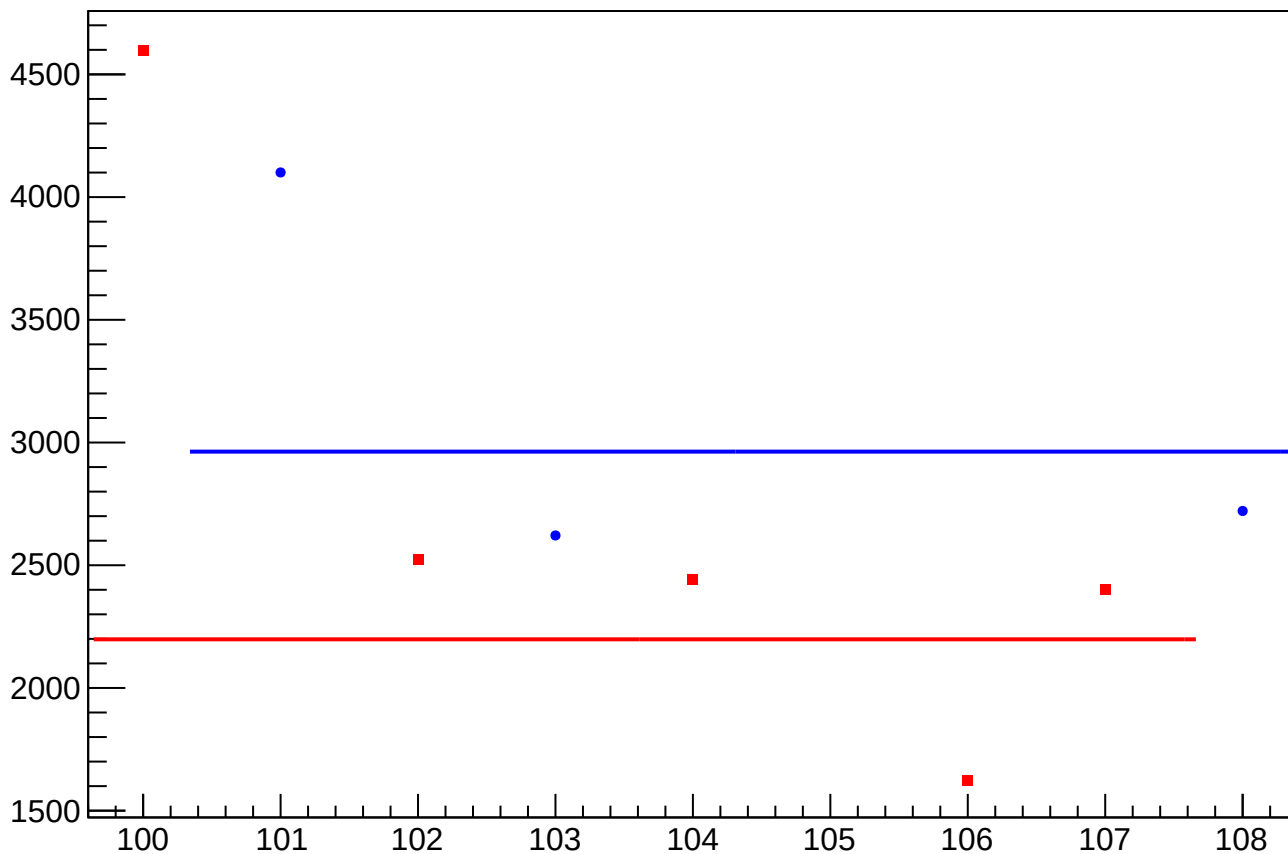
Right: -227.319 $\pm$ 1368.064 χ^2 /NDF: 4.5/7

In: 2006.792 $\pm$ 2367.685 χ^2 /NDF:0.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -227.319 $\pm$ 1368.064 χ^2 /NDF: 4.5/7

asym_usr_atr2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2962.969+/-1.674 χ^2/NDF : 124017.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2198.200+/-1.185 χ^2/NDF : 155944.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

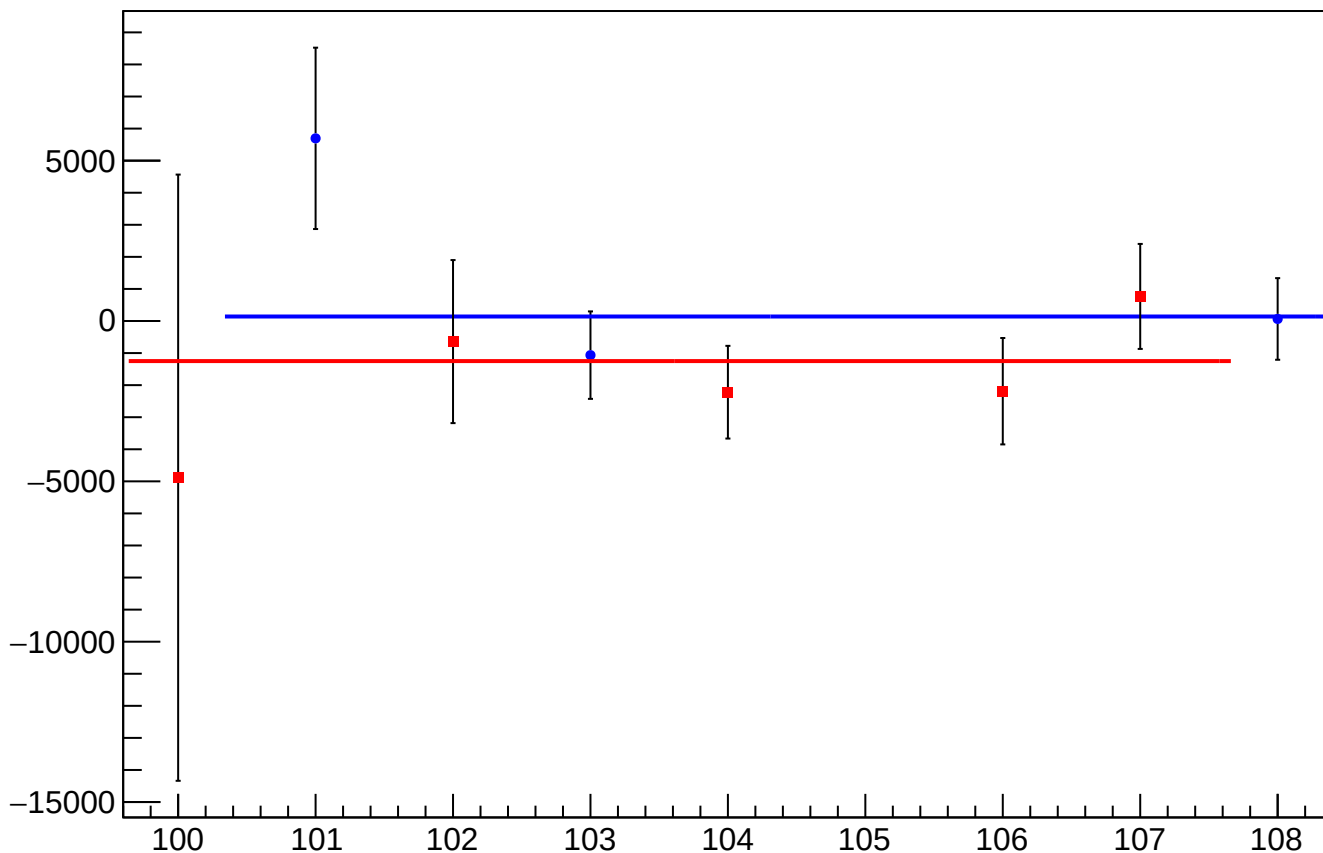
Right: 2453.526+/-0.967 χ^2/NDF : 418959.6/7

In: 2962.969+/-1.674 χ^2/NDF : 124017.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2453.526+/-0.967 χ^2/NDF : 418959.6/7

eigen_dit_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: 140.201 ± 883.798 χ^2/NDF : 4.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1249.840 ± 850.932 χ^2/NDF : 2.5/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

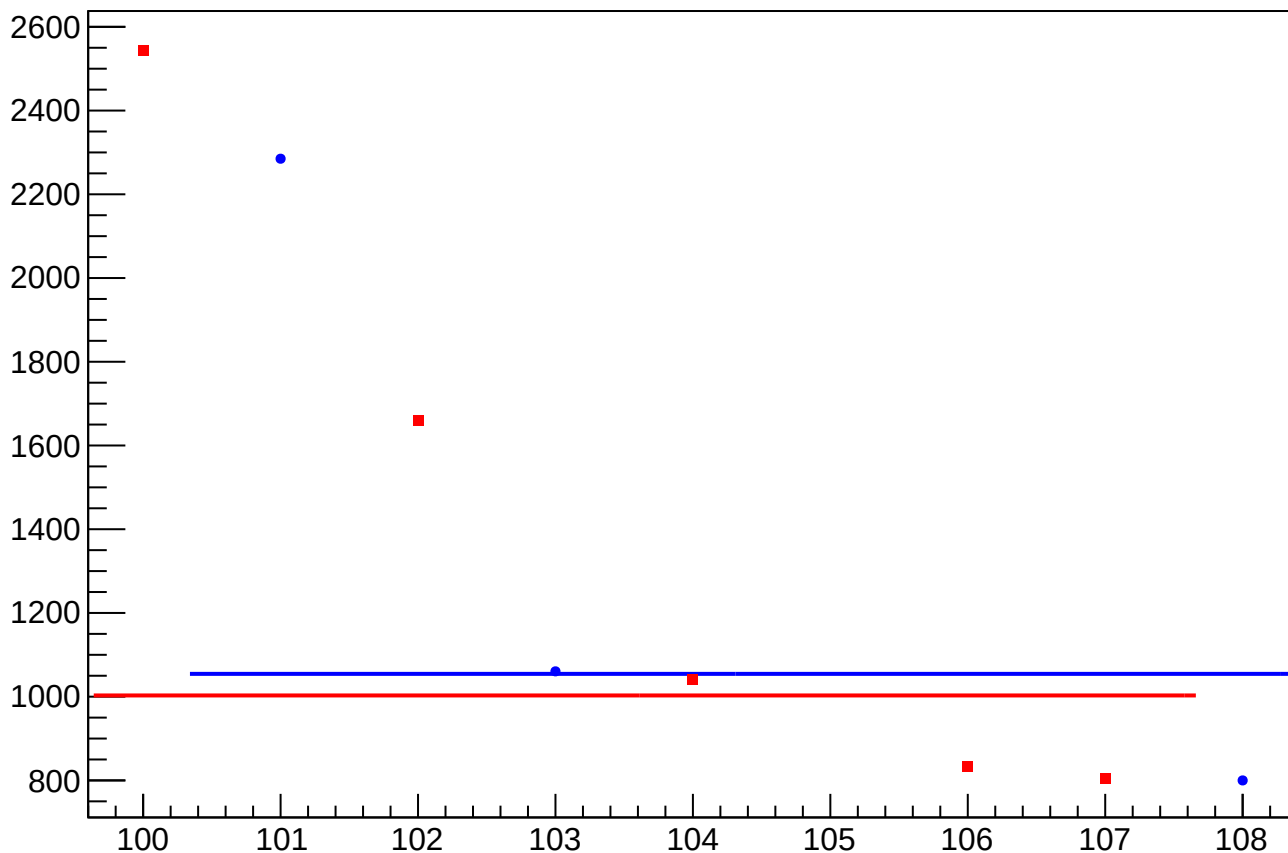
Right: -581.146 ± 612.990 χ^2/NDF : 8.4/7

In: 140.201 ± 883.798 χ^2/NDF : 4.6/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -581.146 ± 612.990 χ^2/NDF : 8.4/7

eigen_dit_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1054.493+/-0.625 χ^2/NDF : 458801.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1002.938+/-0.601 χ^2/NDF : 238364.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

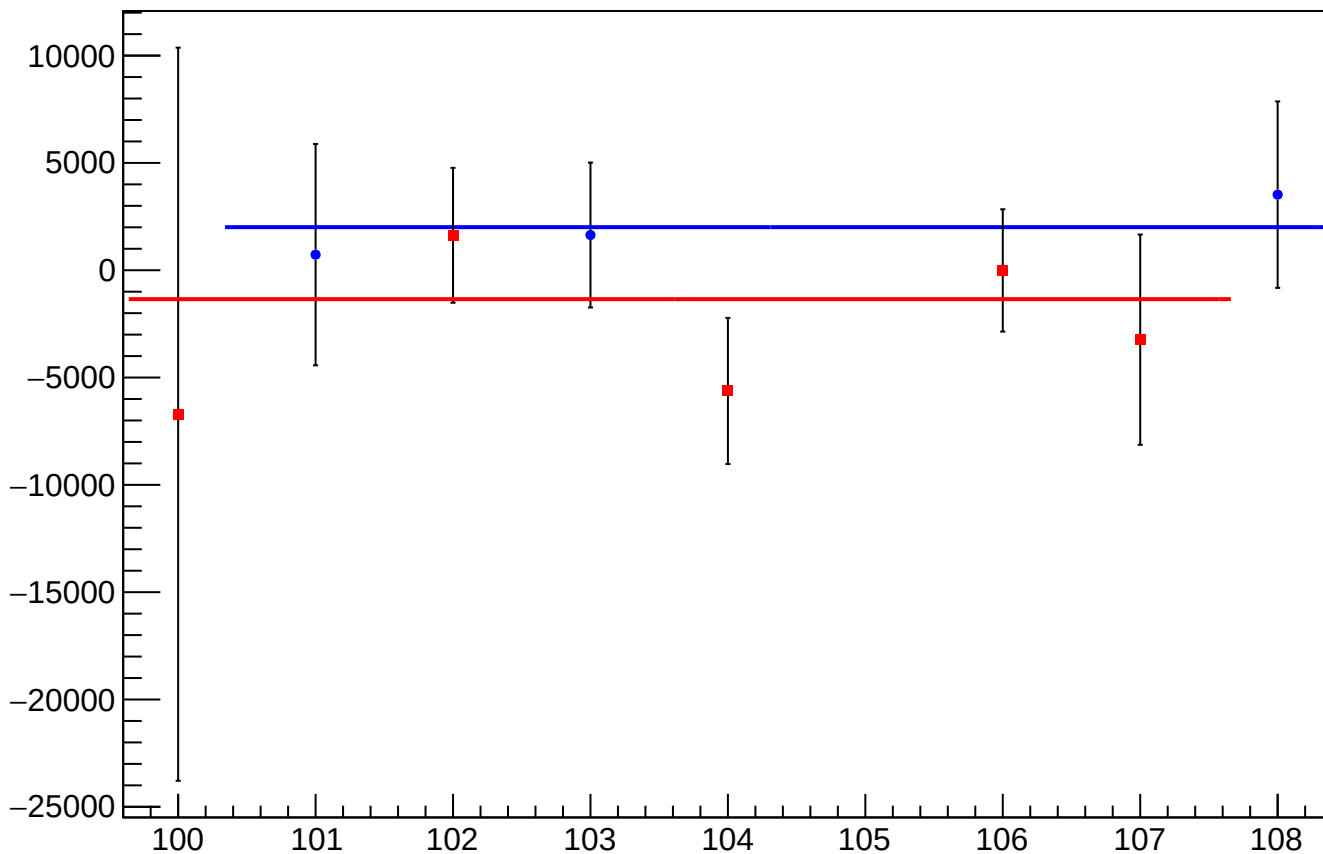
Right: 1027.694+/-0.433 χ^2/NDF : 700703.2/7

In: 1054.493+/-0.625 χ^2/NDF : 458801.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1027.694+/-0.433 χ^2/NDF : 700703.2/7

asym_usr_atr2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 2006.794 $\pm$ 2367.687 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1347.038 $\pm$ 1676.189 χ^2 /NDF: 2.9/4

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

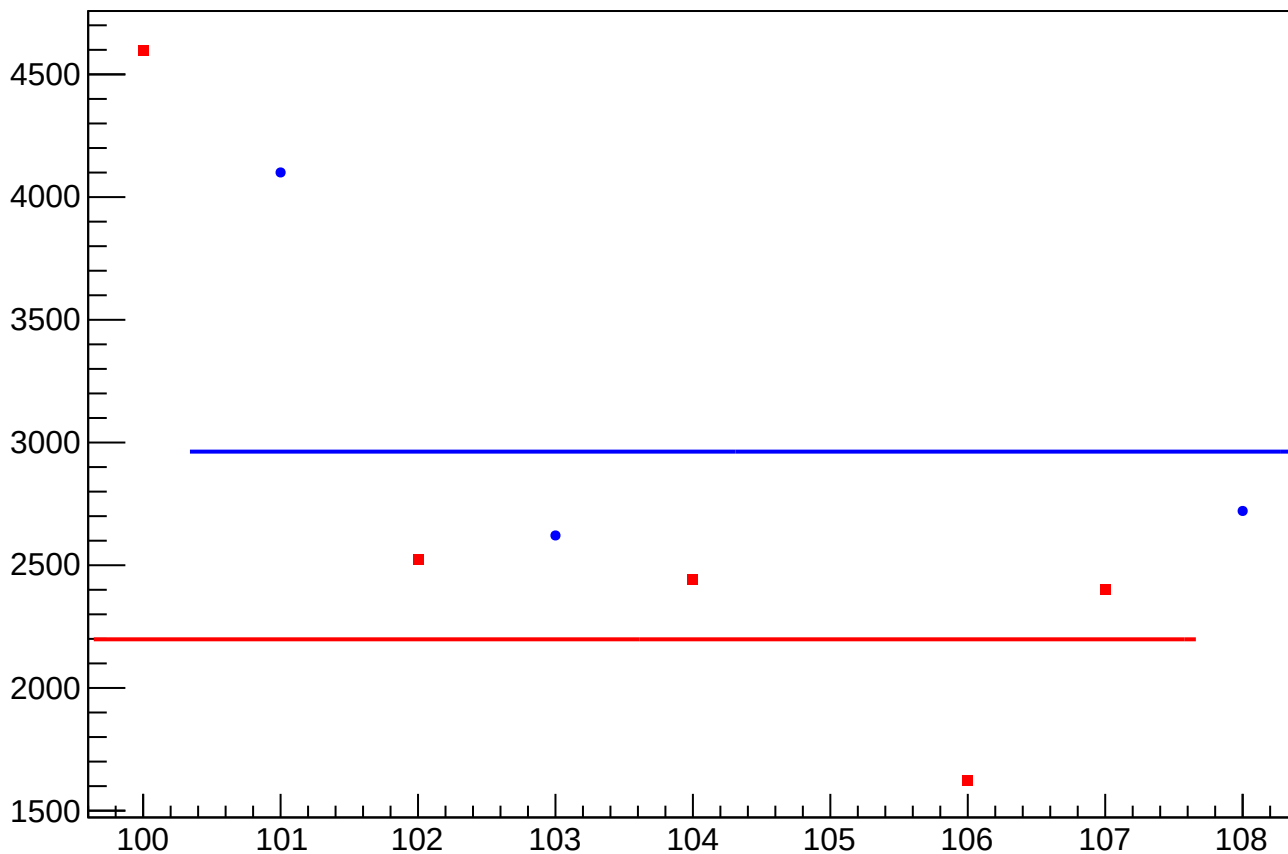
Right: -227.330 $\pm$ 1368.063 χ^2 /NDF: 4.5/7

In: 2006.794 $\pm$ 2367.687 χ^2 /NDF:0.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -227.330 $\pm$ 1368.063 χ^2 /NDF: 4.5/7

asym_usr_atr2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2962.972+/-1.674 χ^2/NDF : 124016.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2198.196+/-1.185 χ^2/NDF : 155945.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

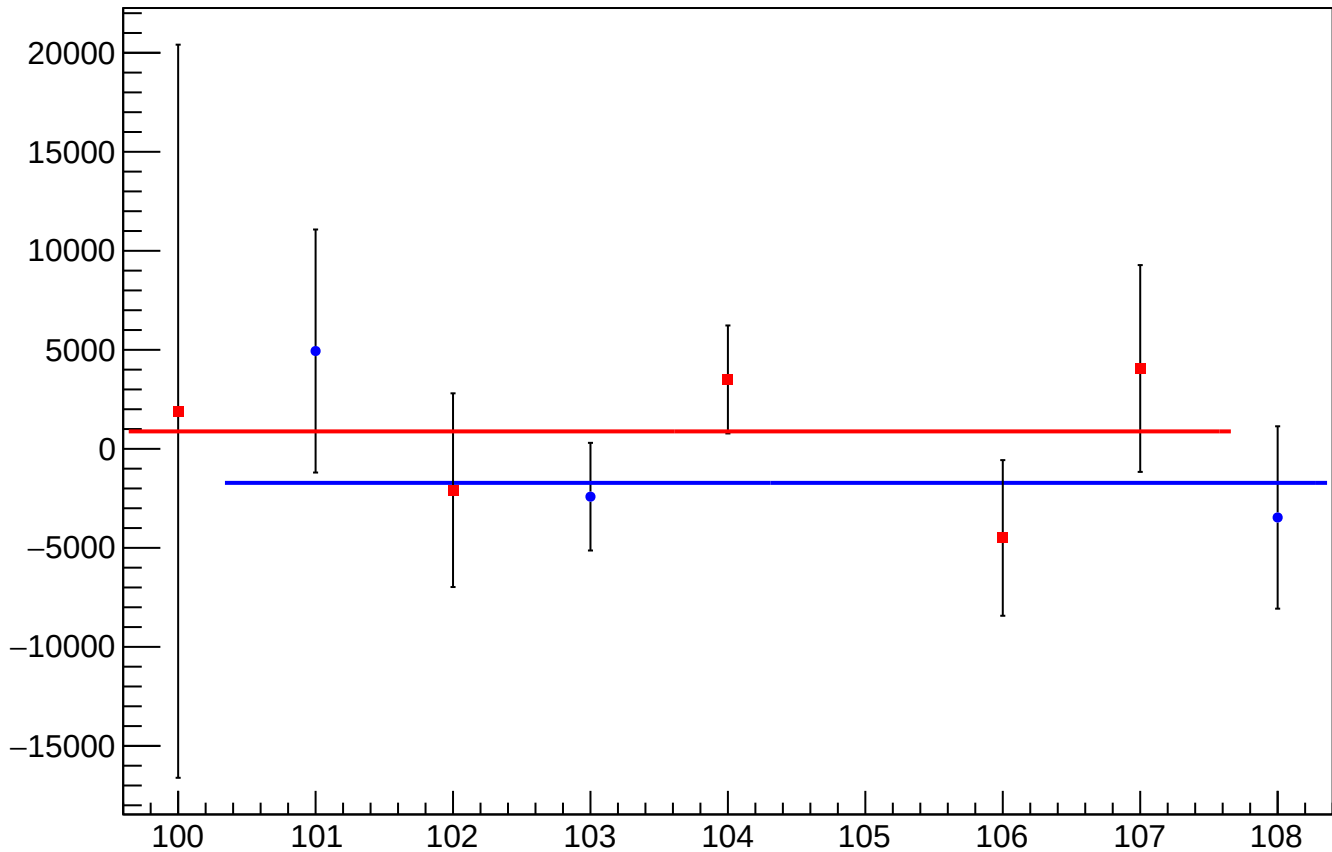
Right: 2453.524+/-0.967 χ^2/NDF : 418963.1/7

In: 2962.972+/-1.674 χ^2/NDF : 124016.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2453.524+/-0.967 χ^2/NDF : 418963.1/7

asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -1717.736 $\pm$ 2187.109 χ^2 /NDF: 1.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 881.348 $\pm$ 1887.422 χ^2 /NDF: 3.5/4

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

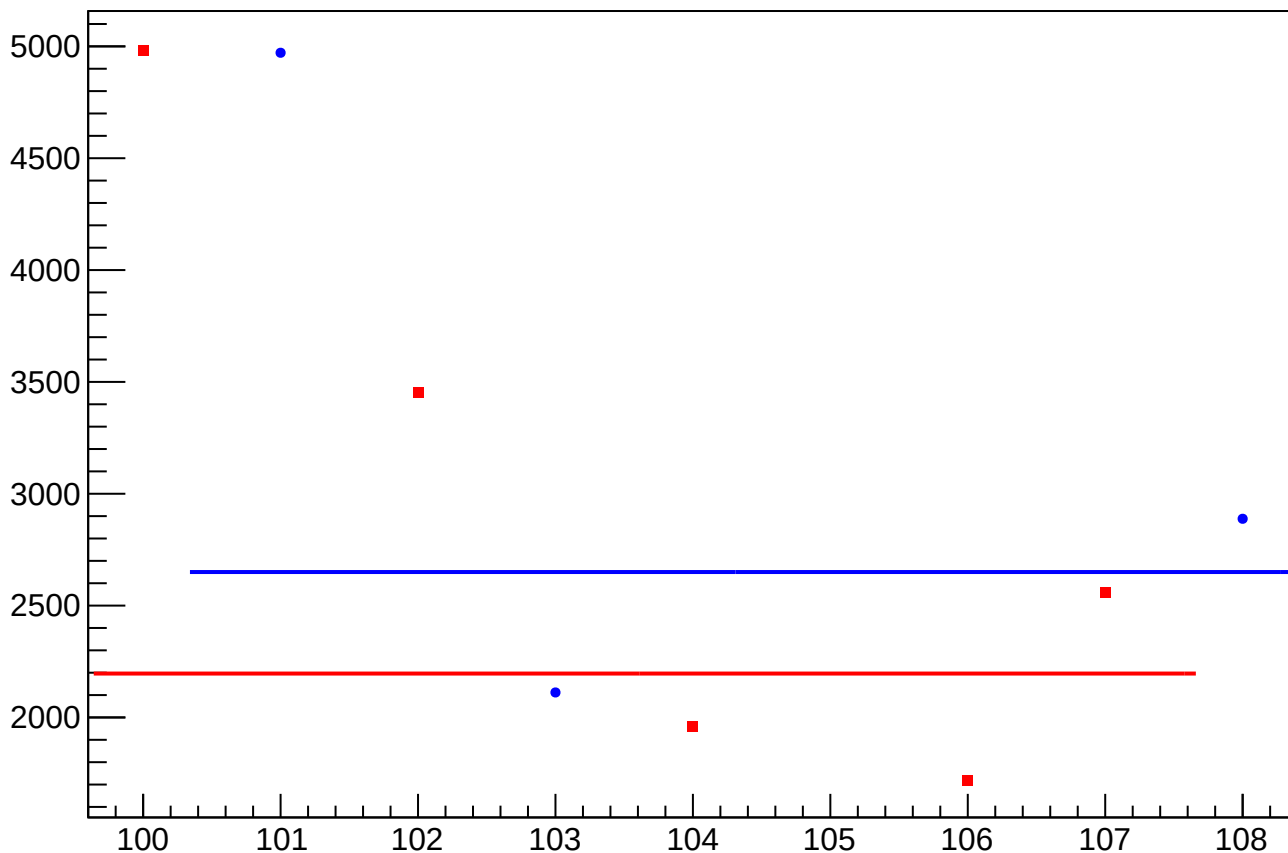
Right: -228.056 $\pm$ 1428.911 χ^2 /NDF: 5.7/7

In: -1717.736 $\pm$ 2187.109 χ^2 /NDF: 1.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -228.056 $\pm$ 1428.911 χ^2 /NDF: 5.7/7

asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 2650.083+/-1.547 χ^2/NDF : 369984.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2196.232+/-1.283 χ^2/NDF : 242140.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

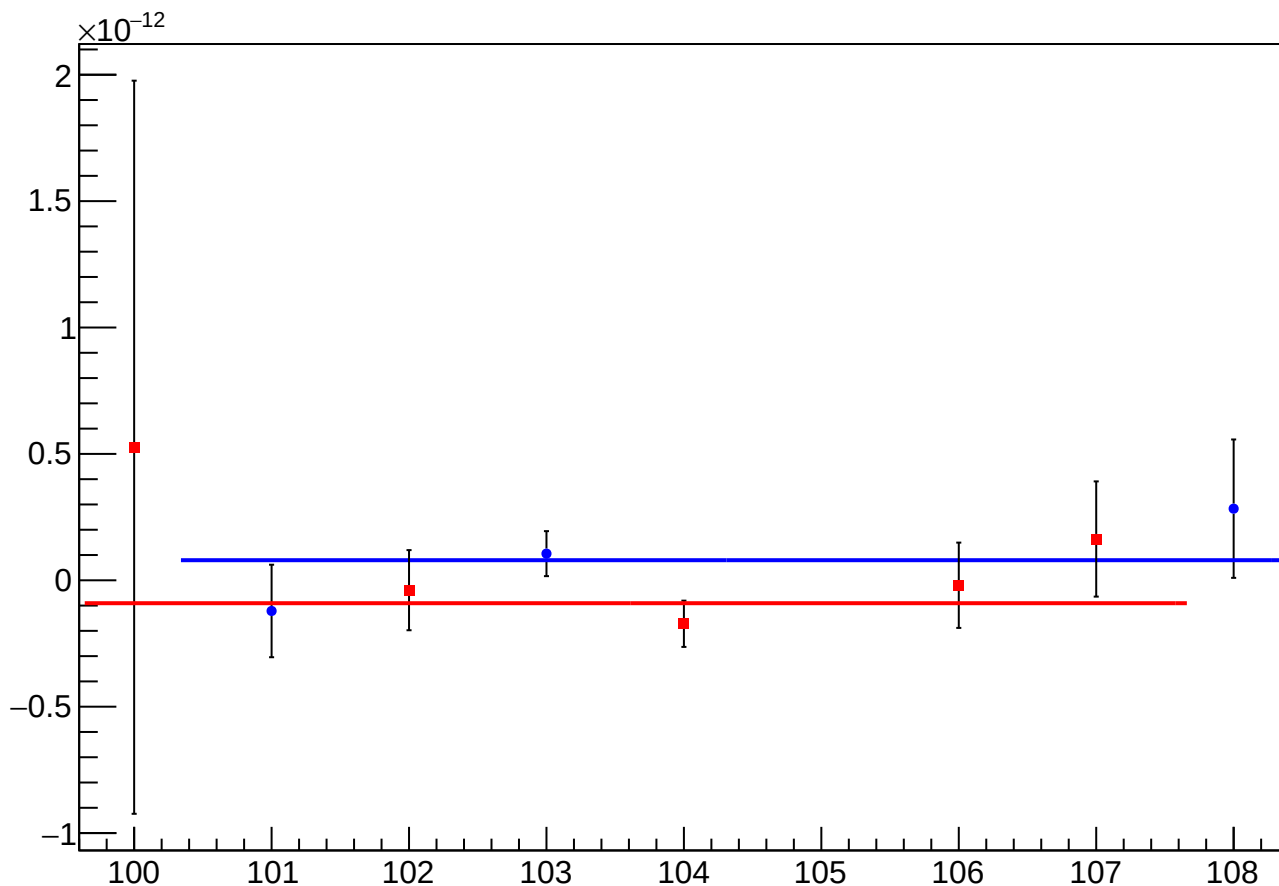
Right: 2381.294+/-0.988 χ^2/NDF : 663130.0/7

In: 2650.083+/-1.547 χ^2/NDF : 369984.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2381.294+/-0.988 χ^2/NDF : 663130.0/7

asym_usr_atr2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

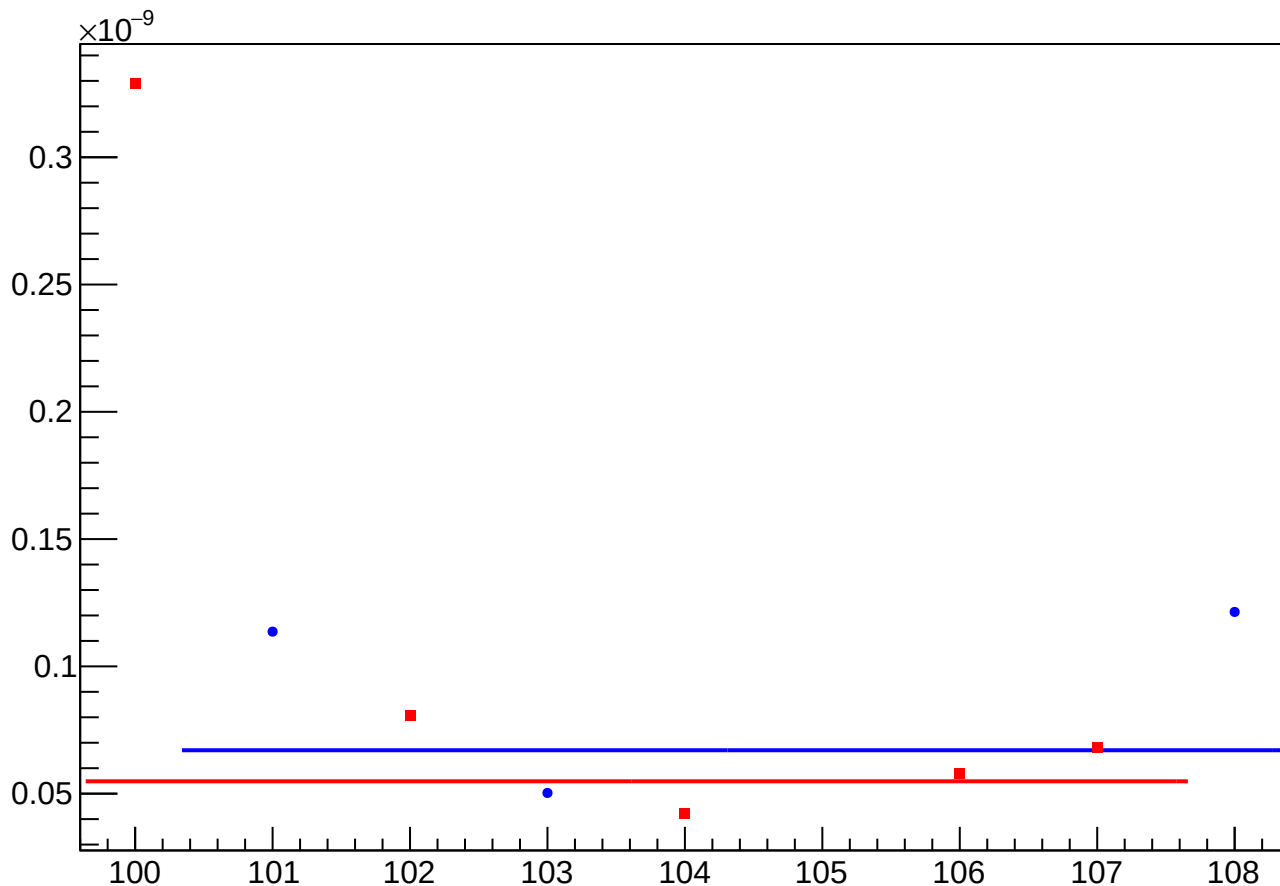
Right: -0.000+/-0.000 χ^2/NDF : 7.1/7

In: 0.000+/-0.000 χ^2/NDF : 1.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.1/7

asym_usr_atr2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 279512.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 170595.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

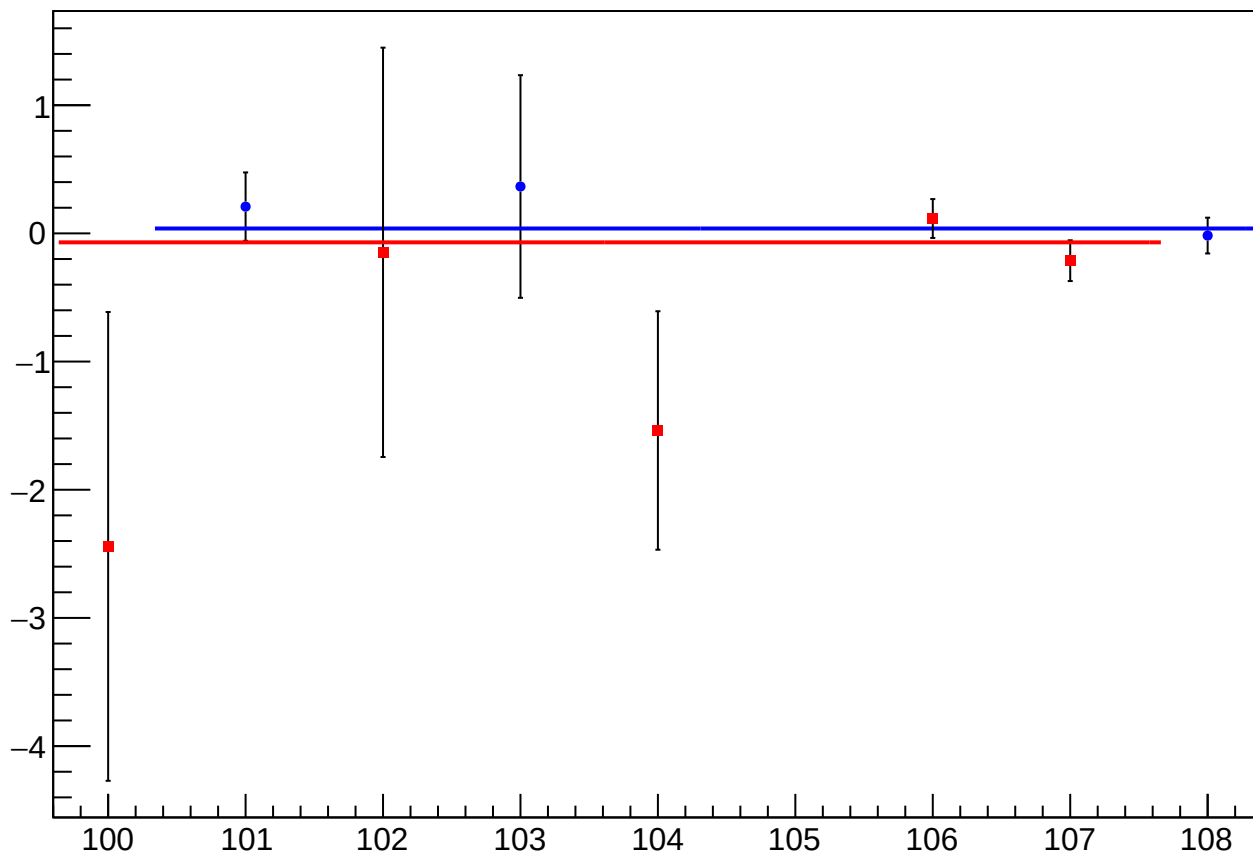
Right: 0.000+/-0.000 χ^2/NDF : 478244.7/7

In: 0.000+/-0.000 χ^2/NDF : 279512.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 478244.7/7

asym_usr_atr2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.038 $\pm$ 0.122 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.070 $\pm$ 0.109 χ^2 /NDF: 6.5/4

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

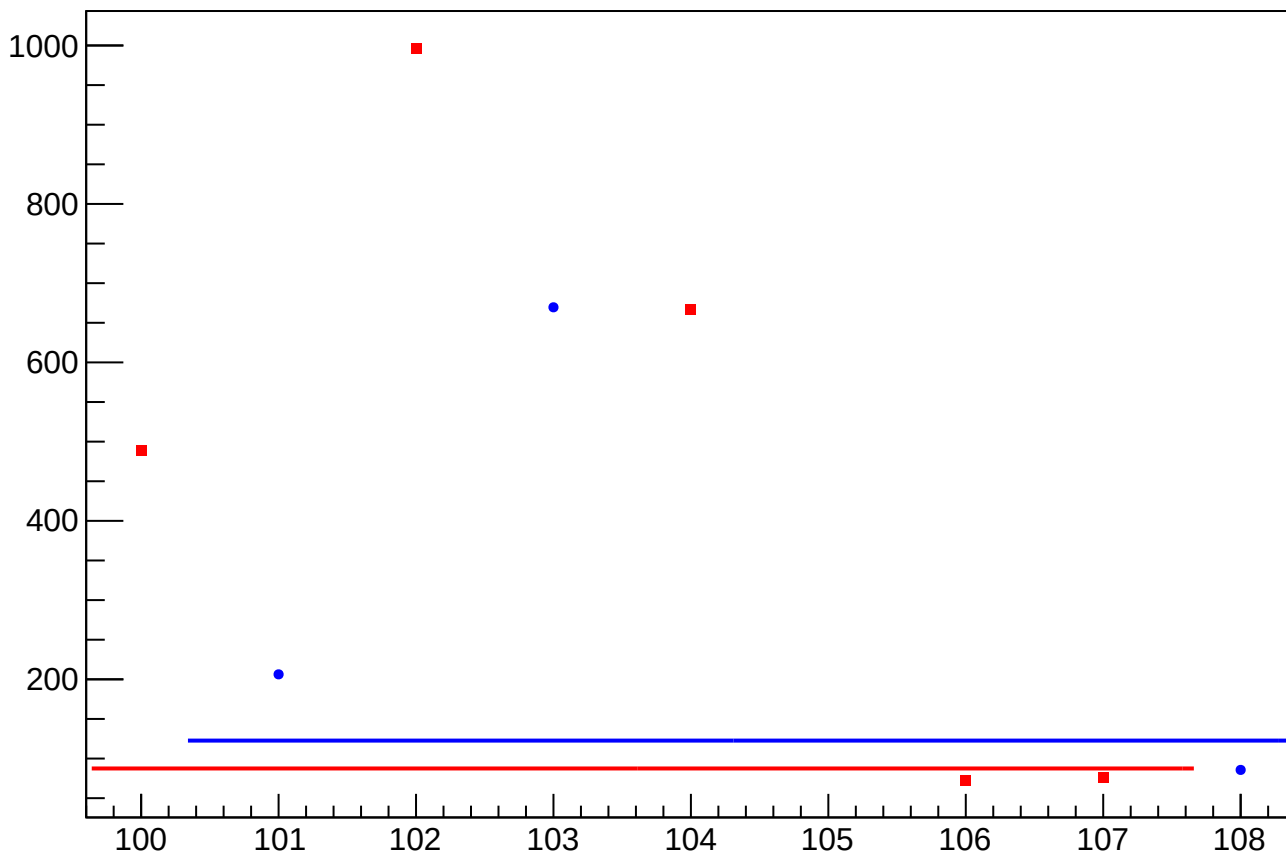
Right: -0.022 $\pm$ 0.081 χ^2 /NDF: 7.6/7

In: 0.038 $\pm$ 0.122 χ^2 /NDF: 0.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.022 $\pm$ 0.081 χ^2 /NDF: 7.6/7

asym_usr_atr2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 122.670+/-0.087 χ^2/NDF : 1129995.8/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 87.482+/-0.077 χ^2/NDF : 1553328.5/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

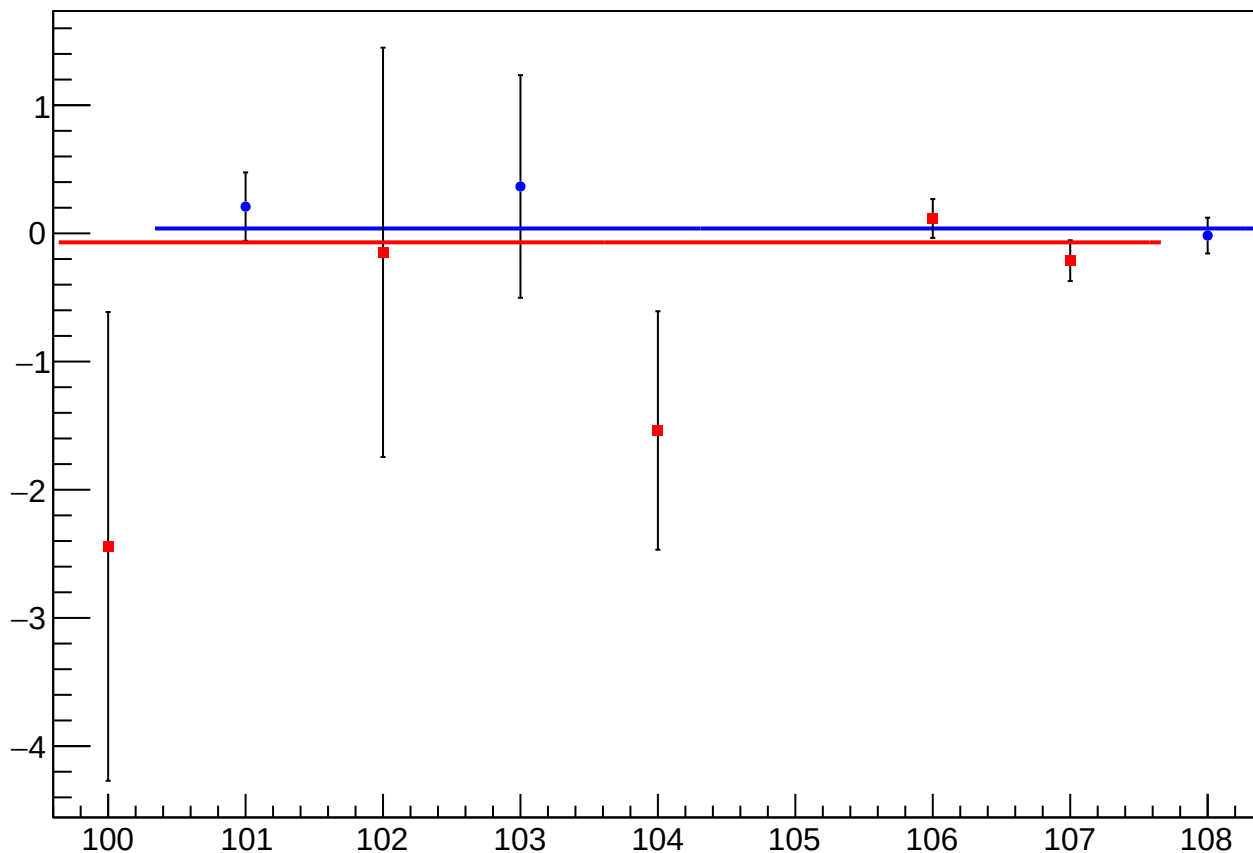
Right: 102.970+/-0.057 χ^2/NDF : 2775839.2/7

In: 122.670+/-0.087 χ^2/NDF :1129995.8/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 102.970+/-0.057 χ^2/NDF : 2775839.2/7

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.038 $\pm$ 0.122 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.070 $\pm$ 0.109 χ^2 /NDF: 6.5/4

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

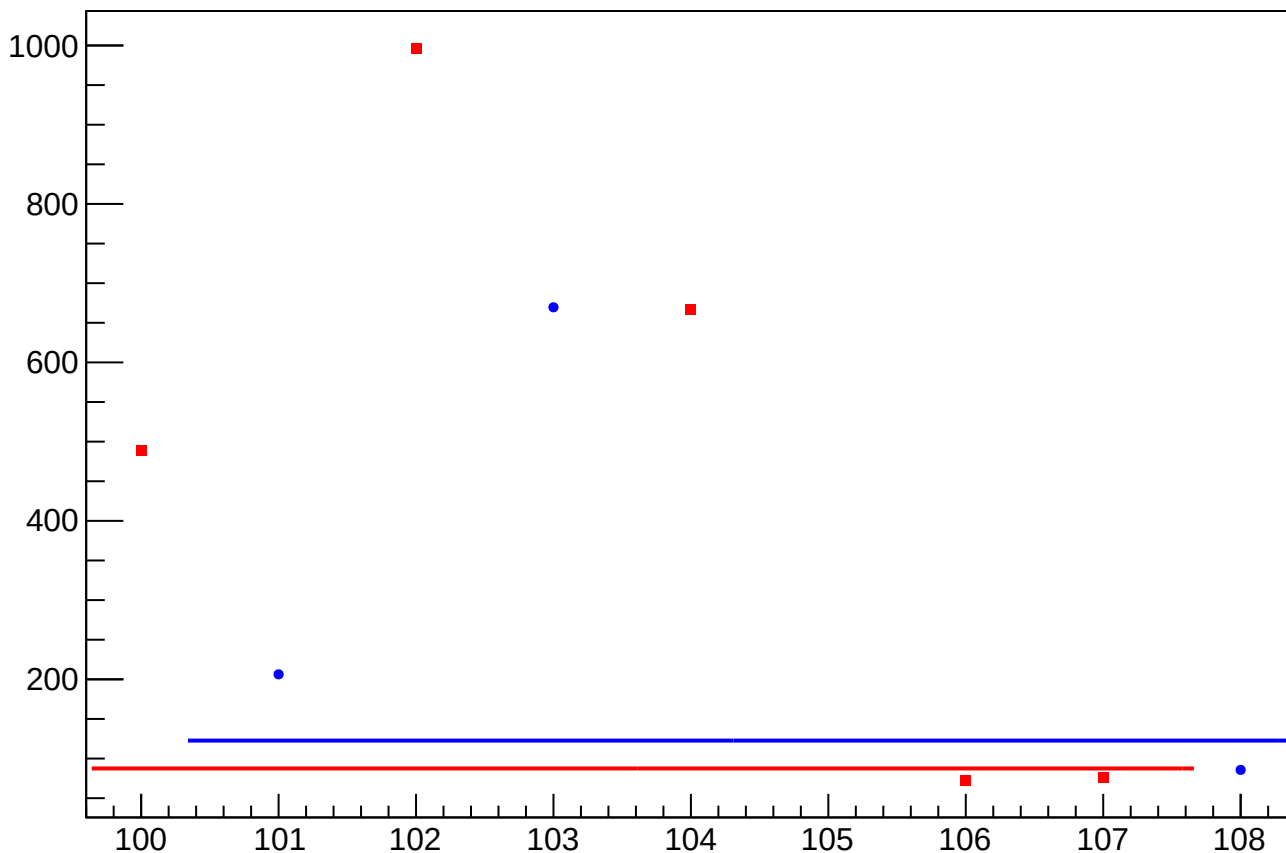
Right: -0.022 $\pm$ 0.081 χ^2 /NDF: 7.6/7

In: 0.038 $\pm$ 0.122 χ^2 /NDF: 0.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.022 $\pm$ 0.081 χ^2 /NDF: 7.6/7

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 122.670+/-0.087 χ^2/NDF : 1129995.8/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 87.482+/-0.077 χ^2/NDF : 1553328.5/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

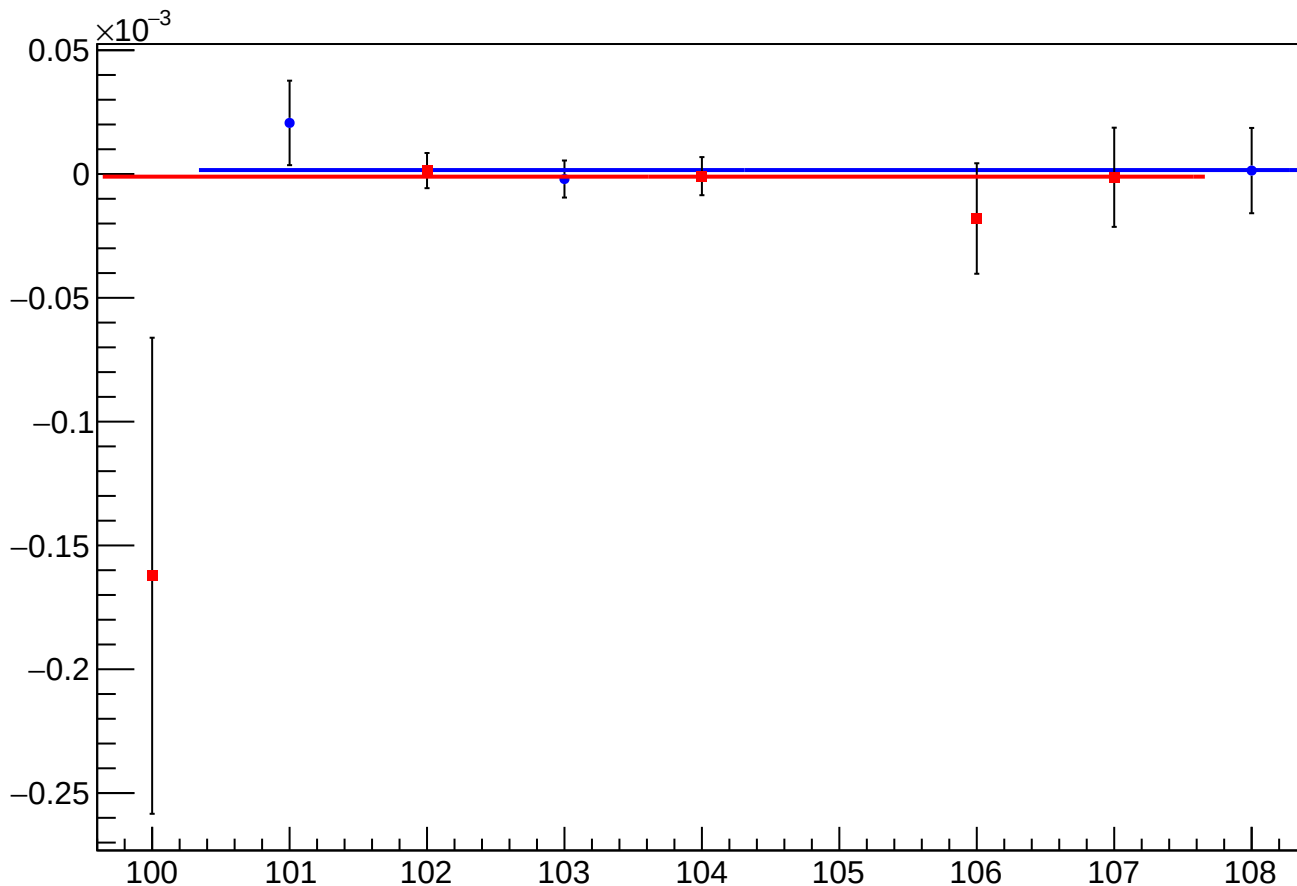
Right: 102.970+/-0.057 χ^2/NDF : 2775839.2/7

In: 122.670+/-0.087 χ^2/NDF :1129995.8/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 102.970+/-0.057 χ^2/NDF : 2775839.2/7

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

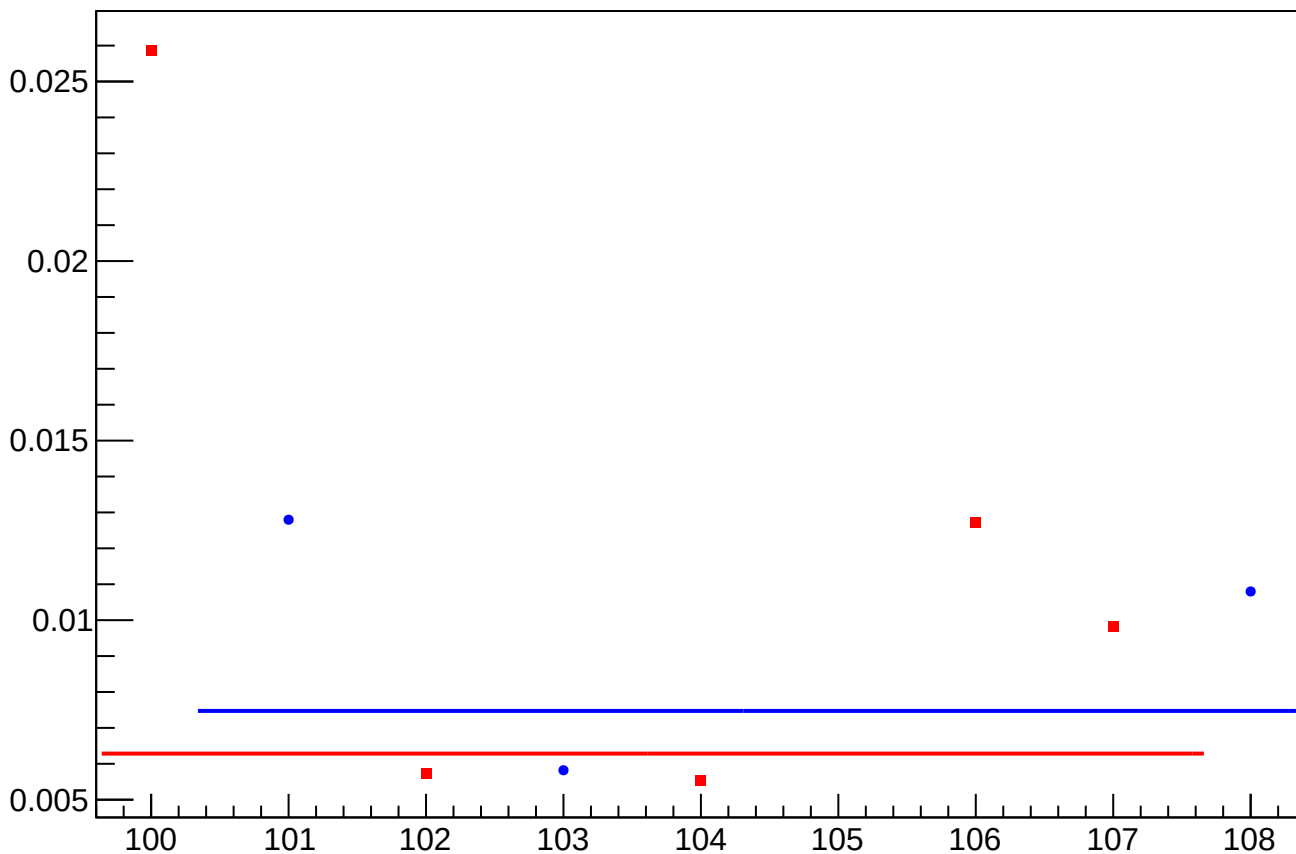
Right: -0.000+/-0.000 χ^2/NDF : 5.1/7

In: 0.000+/-0.000 χ^2/NDF : 1.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 5.1/7

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 366835.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 343291.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

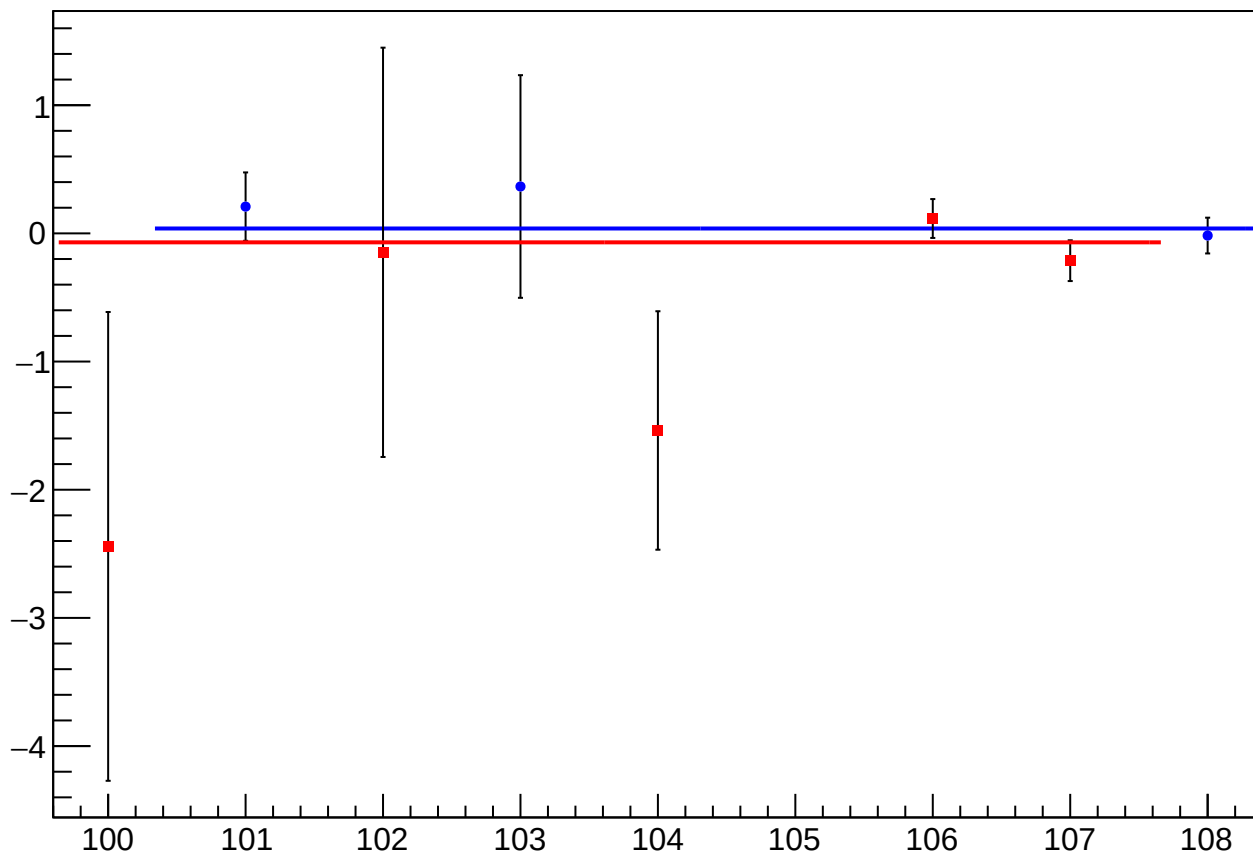
Right: 0.007+/-0.000 χ^2/NDF : 753749.0/7

In: 0.007+/-0.000 χ^2/NDF : 366835.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 753749.0/7

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.038 $\pm$ 0.122 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.070 $\pm$ 0.109 χ^2 /NDF: 6.5/4

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

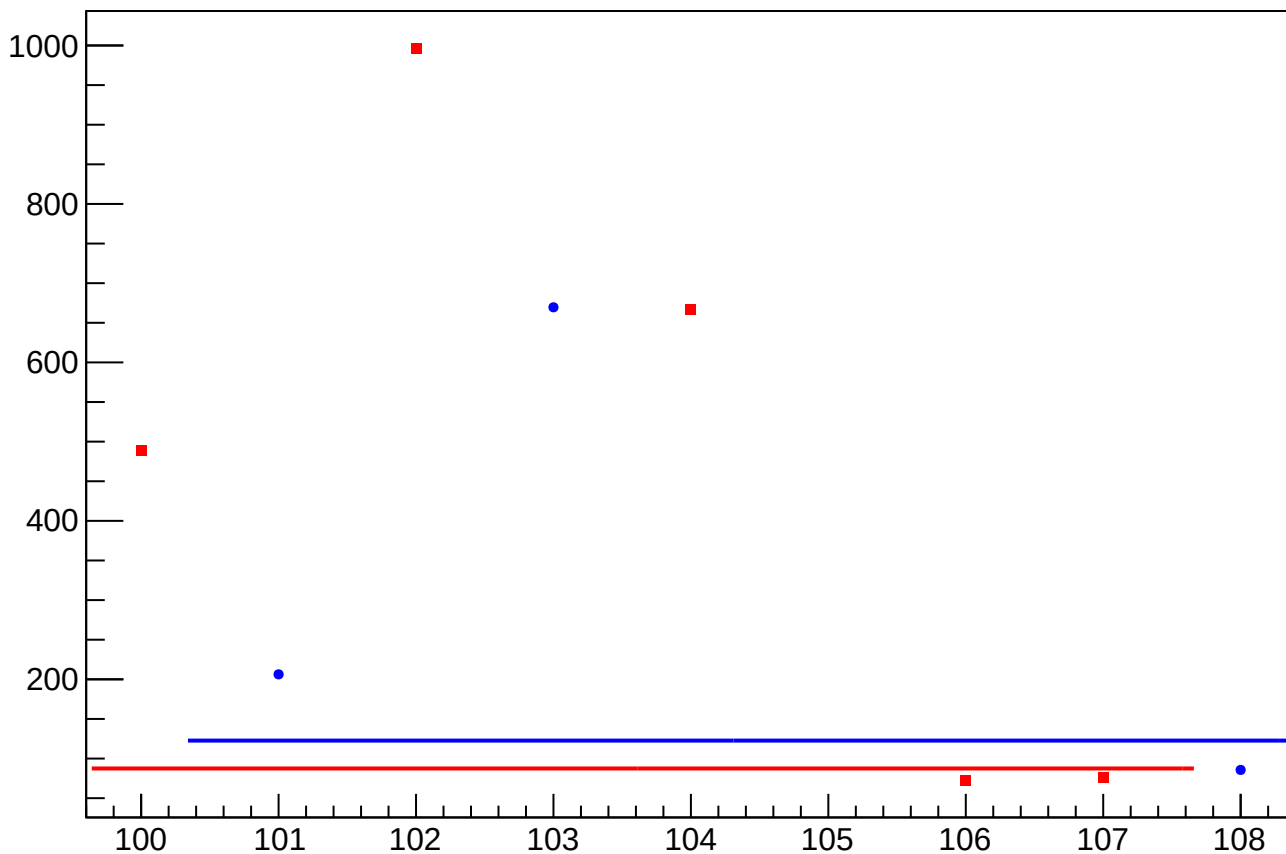
Right: -0.022 $\pm$ 0.081 χ^2 /NDF: 7.6/7

In: 0.038 $\pm$ 0.122 χ^2 /NDF:0.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.022 $\pm$ 0.081 χ^2 /NDF: 7.6/7

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 122.663+/-0.087 χ^2/NDF : 1130041.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.482+/-0.077 χ^2/NDF : 1553329.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

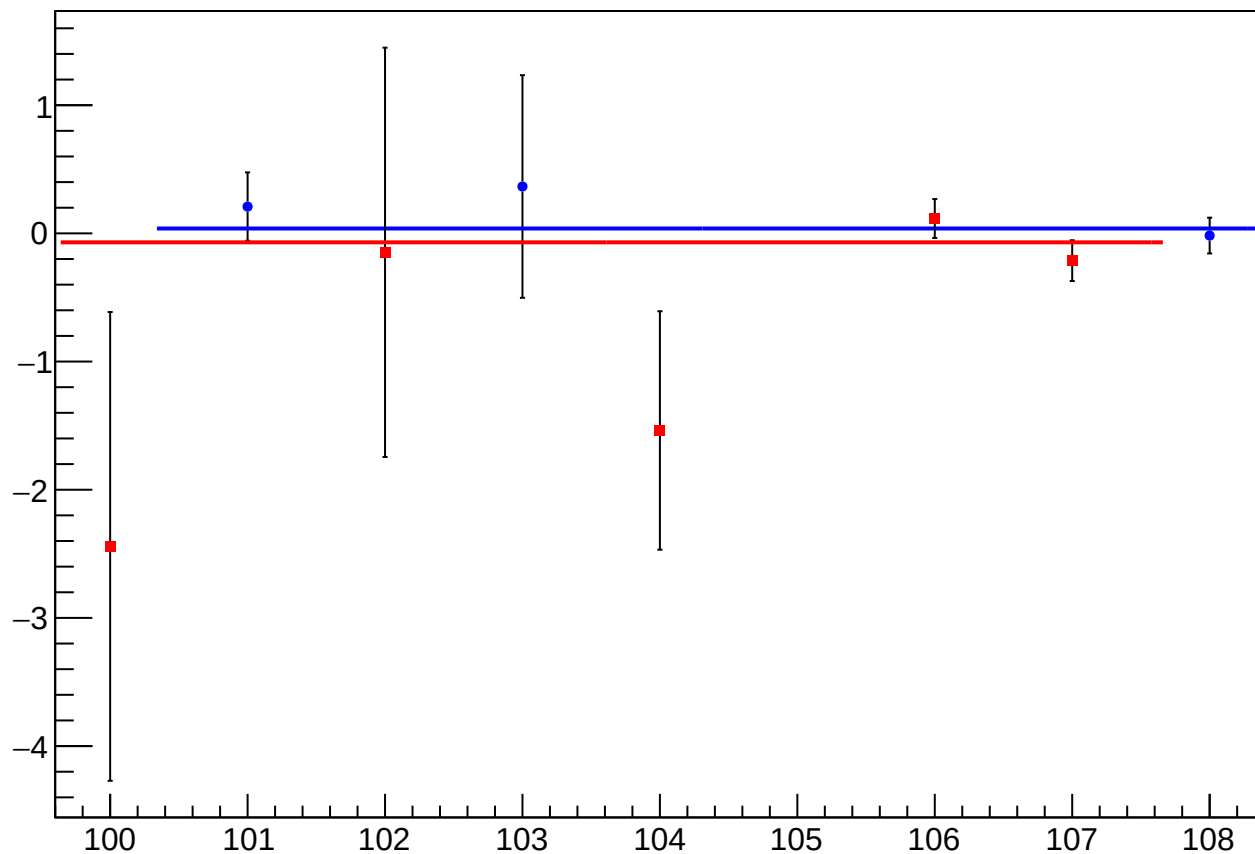
Right: 102.968+/-0.057 χ^2/NDF : 2775854.1/7

In: 122.663+/-0.087 χ^2/NDF : 1130041.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.968+/-0.057 χ^2/NDF : 2775854.1/7

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.038 $\pm$ 0.122 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.070 $\pm$ 0.109 χ^2 /NDF: 6.5/4

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

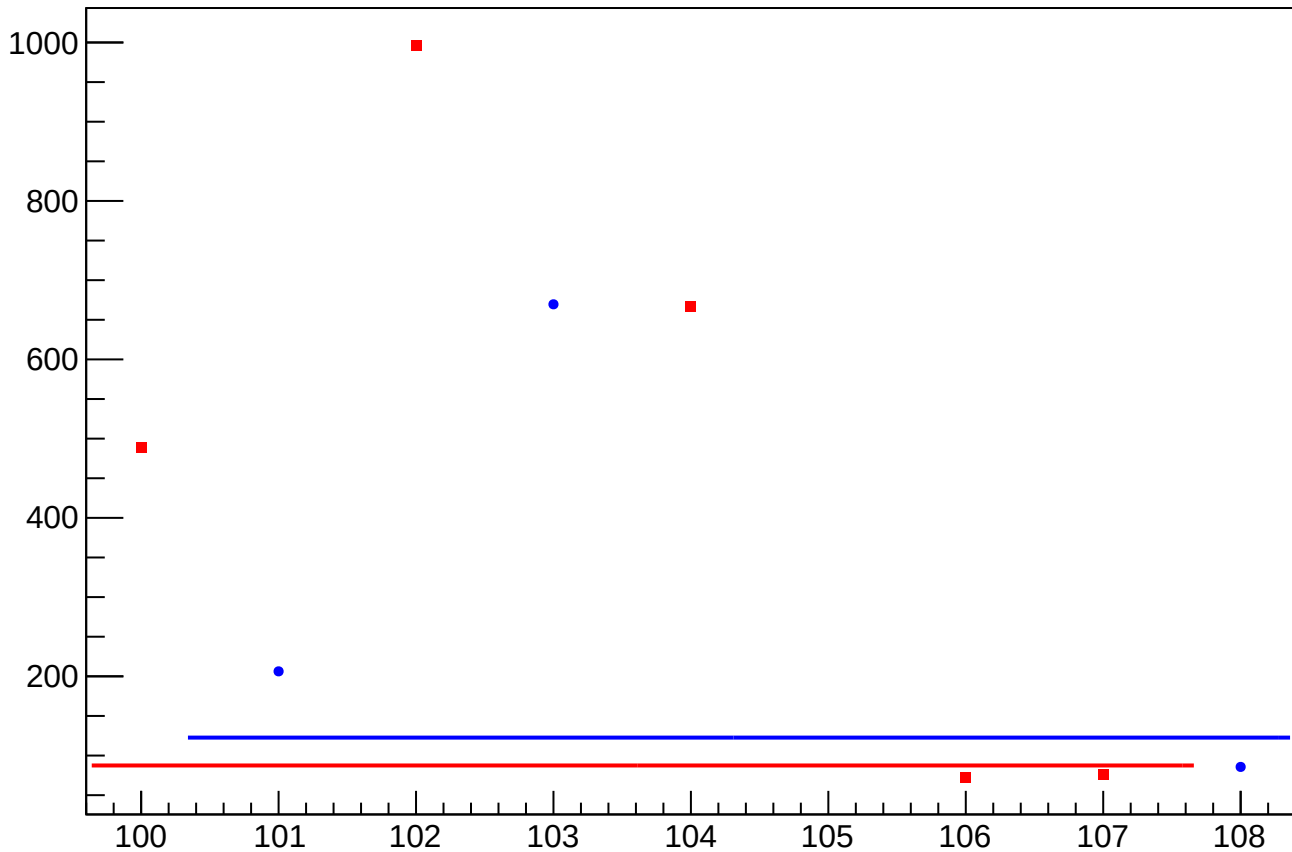
Right: -0.022 $\pm$ 0.081 χ^2 /NDF: 7.6/7

In: 0.038 $\pm$ 0.122 χ^2 /NDF:0.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.022 $\pm$ 0.081 χ^2 /NDF: 7.6/7

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 122.663 $\pm$ 0.087 χ^2 /NDF: 1130041.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 87.482 $\pm$ 0.077 χ^2 /NDF: 1553329.5/4

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

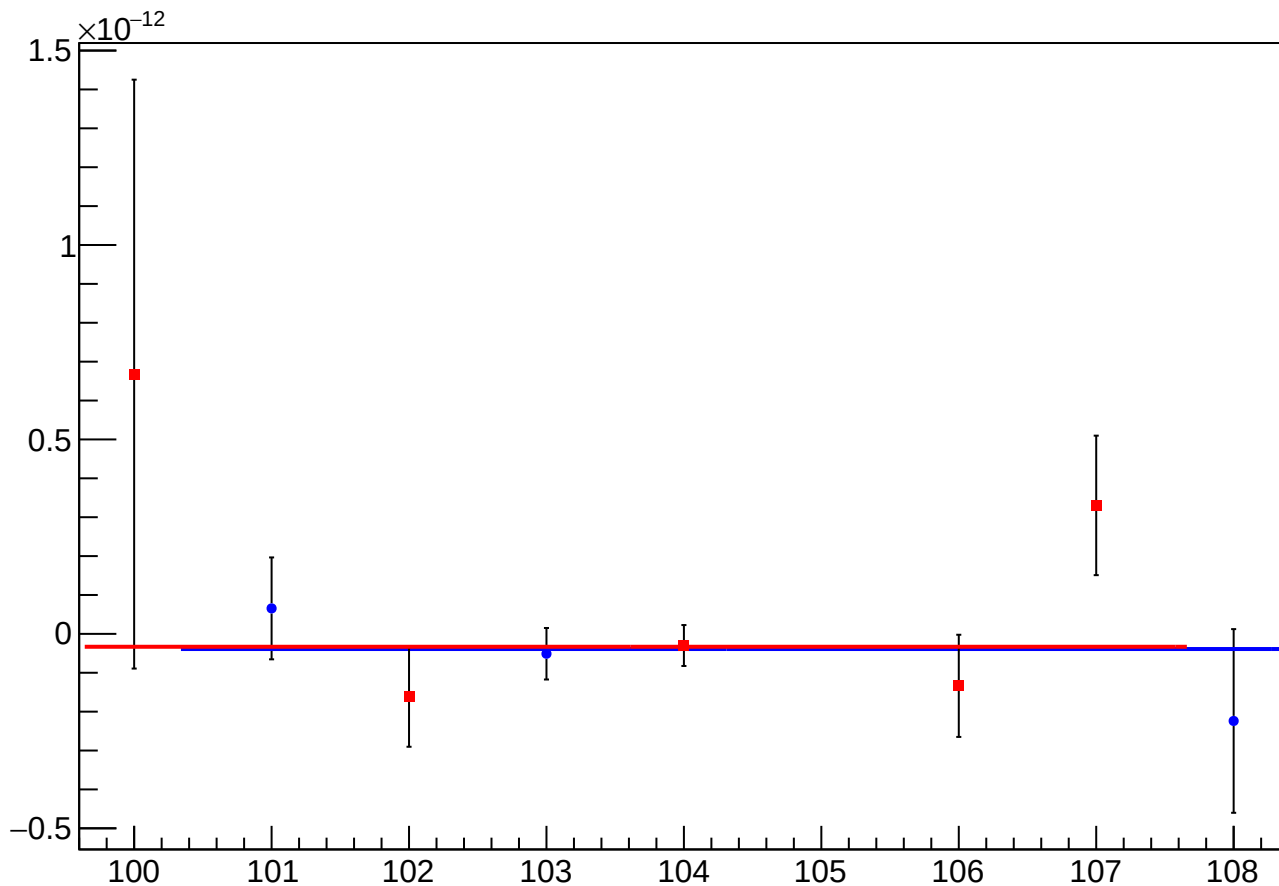
Right: 102.968 $\pm$ 0.057 χ^2 /NDF: 2775854.1/7

In: 122.663 $\pm$ 0.087 χ^2 /NDF:1130041.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 102.968 $\pm$ 0.057 χ^2 /NDF: 2775854.1/7

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

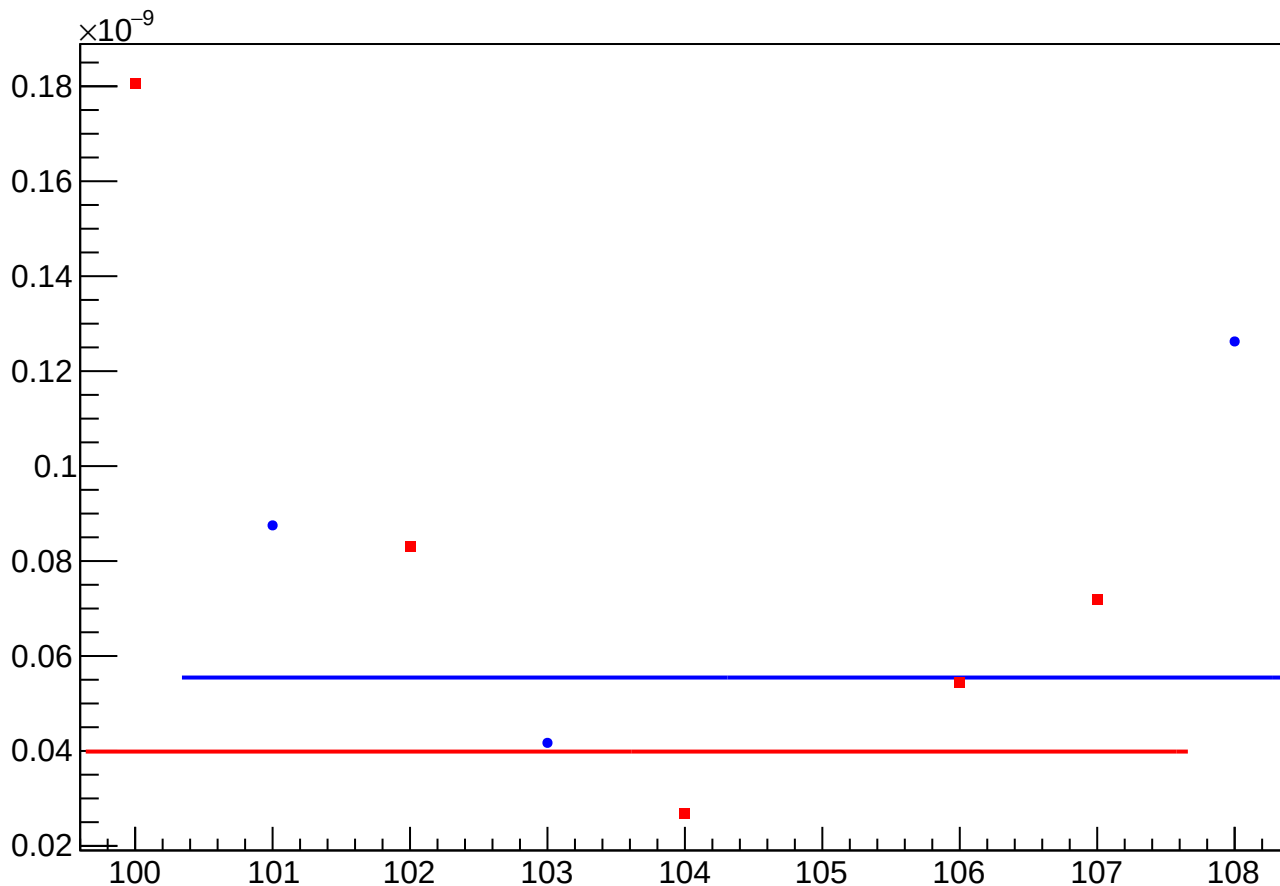
Right: -0.000+/-0.000 χ^2/NDF : 7.9/7

In: -0.000+/-0.000 χ^2/NDF : 1.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.9/7

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 385604.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 507736.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

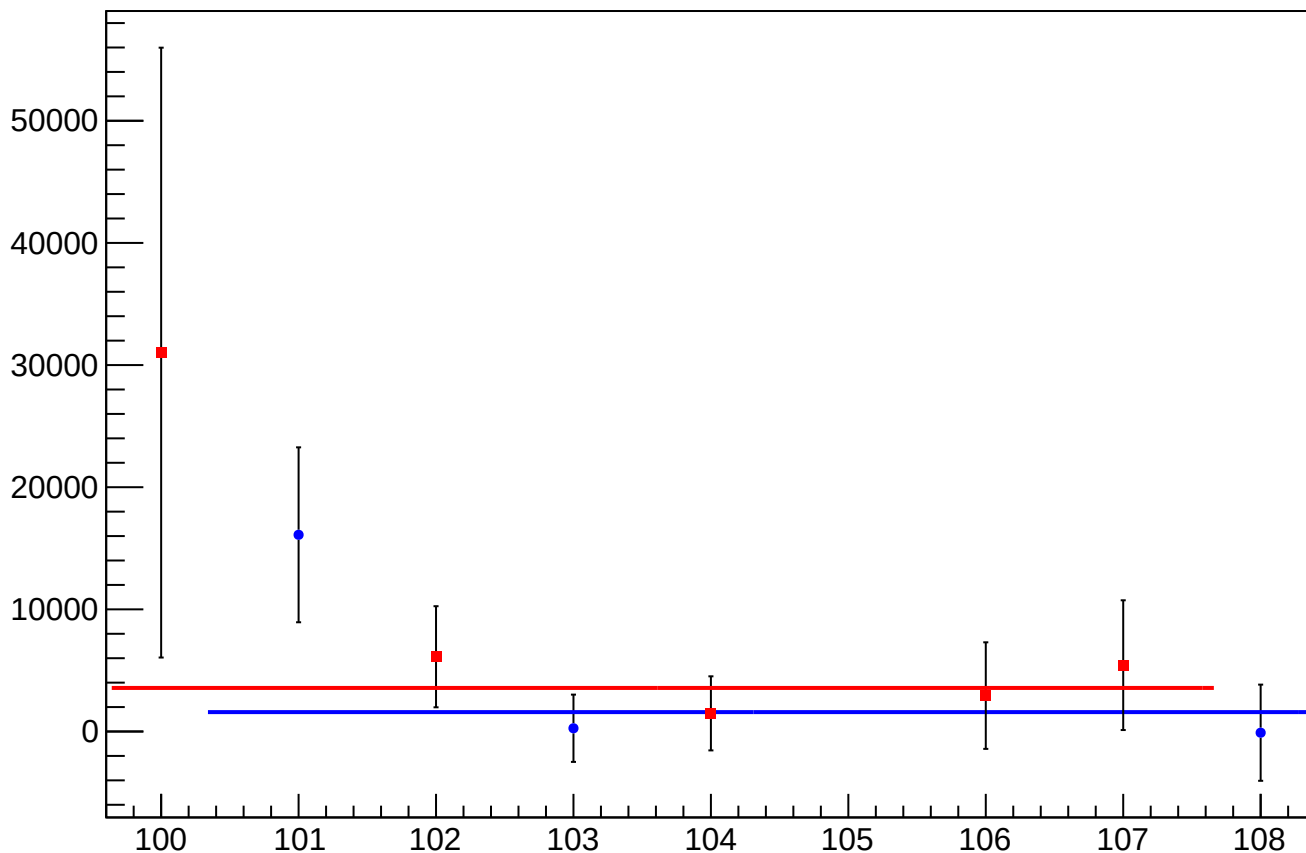
Right: 0.000+/-0.000 χ^2/NDF : 986179.0/7

In: 0.000+/-0.000 χ^2/NDF : 385604.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 986179.0/7

reg_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 1587.152+/-2152.515 χ^2 /NDF: 4.5/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 3566.139+/-1973.608 χ^2 /NDF: 2.2/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

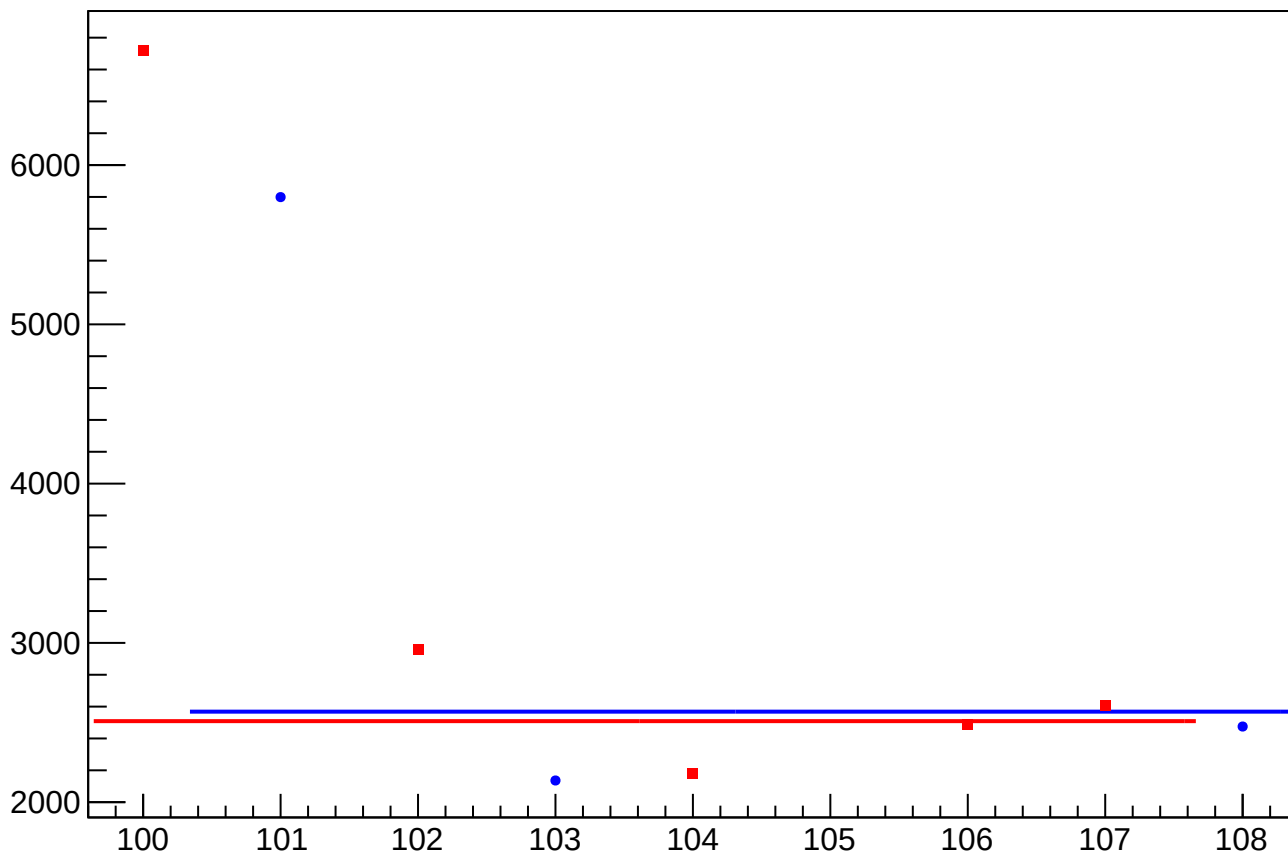
Right: 2662.292+/-1454.695 χ^2 /NDF: 7.2/7

In: 1587.152+/-2152.515 χ^2 /NDF:4.5/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2662.292+/-1454.695 χ^2 /NDF: 7.2/7

reg_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2568.338+/-1.522 χ^2/NDF : 457419.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2508.737+/-1.396 χ^2/NDF : 104618.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

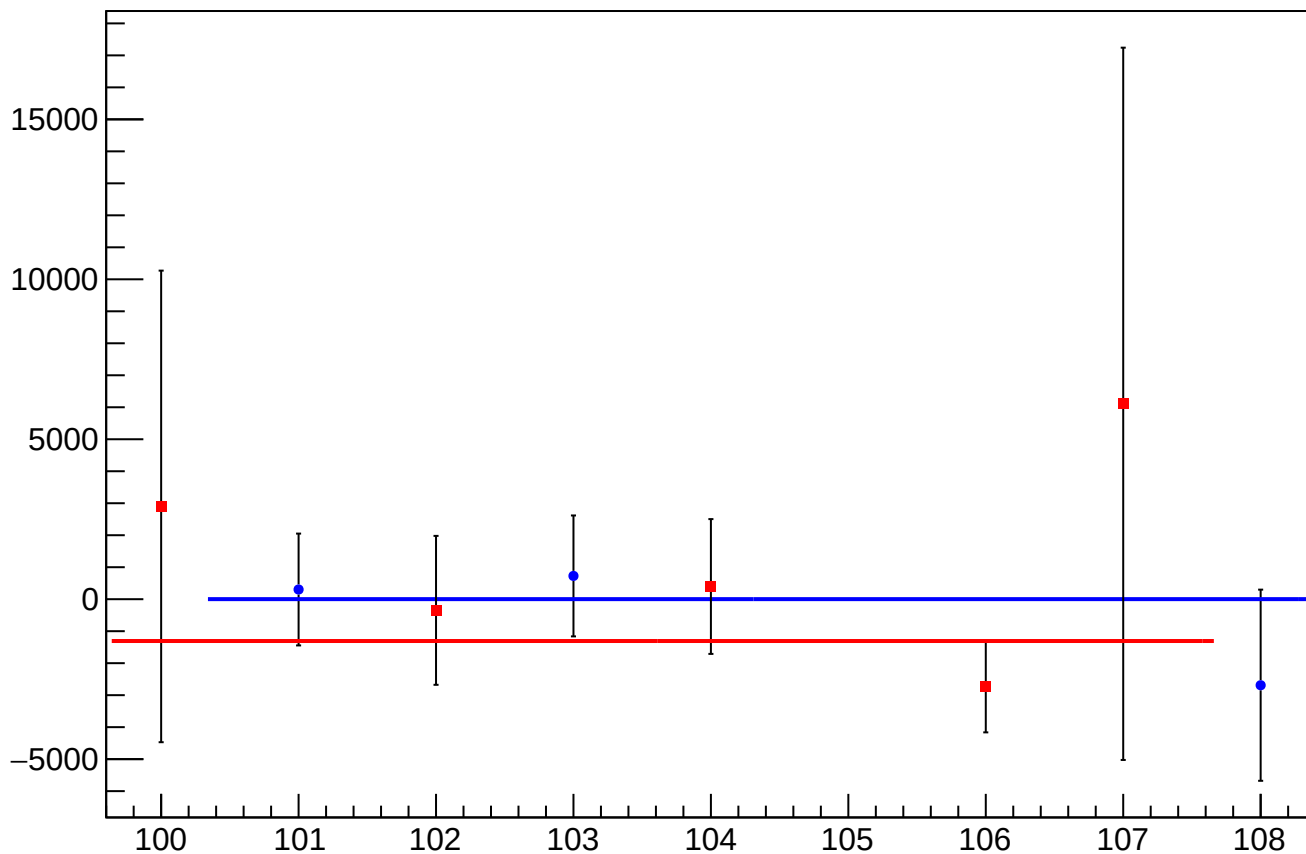
Right: 2535.957+/-1.029 χ^2/NDF : 562871.0/7

In: 2568.338+/-1.522 χ^2/NDF : 457419.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2535.957+/-1.029 χ^2/NDF : 562871.0/7

asym_us_avg_at1lr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 2.084+/-1179.149 χ^2/NDF : 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1307.165+/-1039.390 χ^2/NDF : 2.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

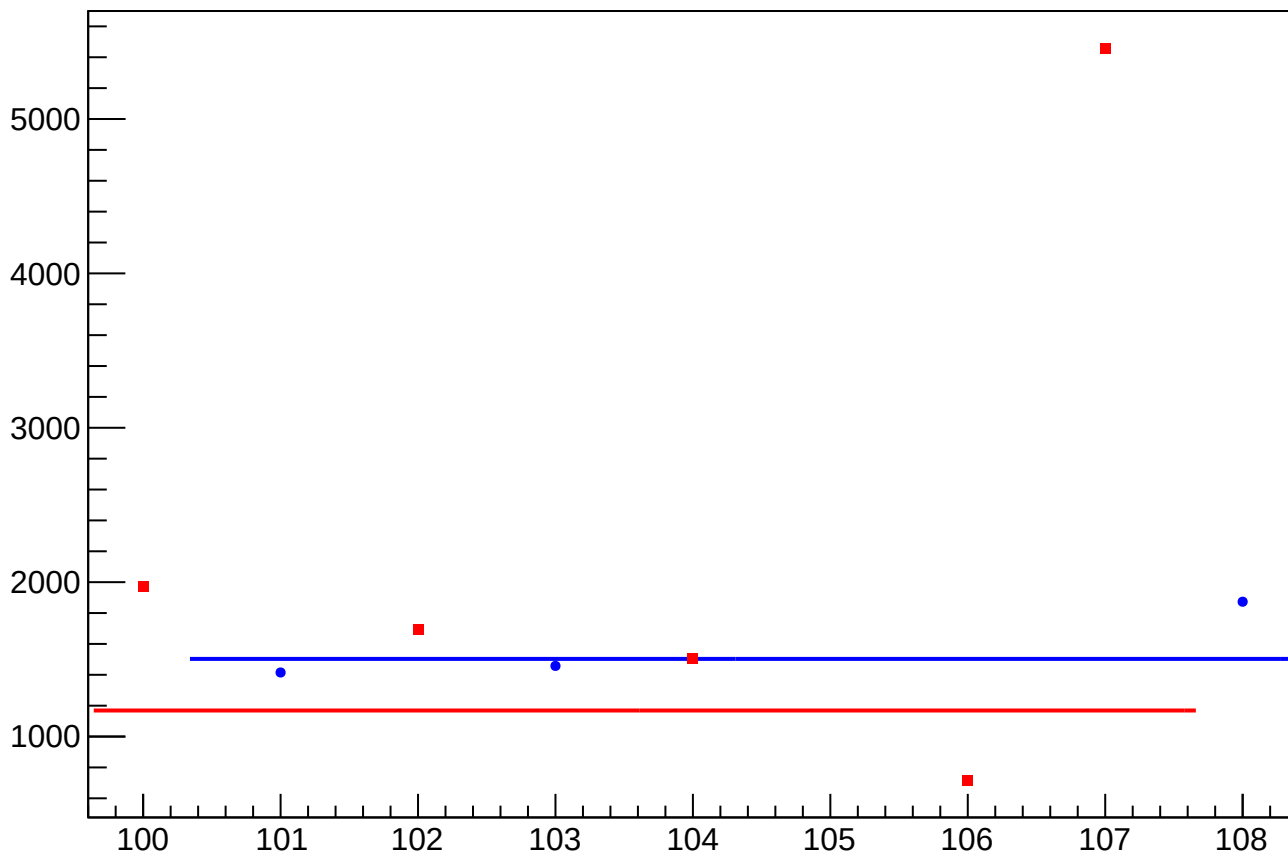
Right: -734.692+/-779.714 χ^2/NDF : 4.3/7

In: 2.084+/-1179.149 χ^2/NDF : 1.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -734.692+/-779.714 χ^2/NDF : 4.3/7

asym_us_avg_at1lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1502.993+/-0.834 χ^2/NDF : 36958.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1168.754+/-0.735 χ^2/NDF : 675248.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

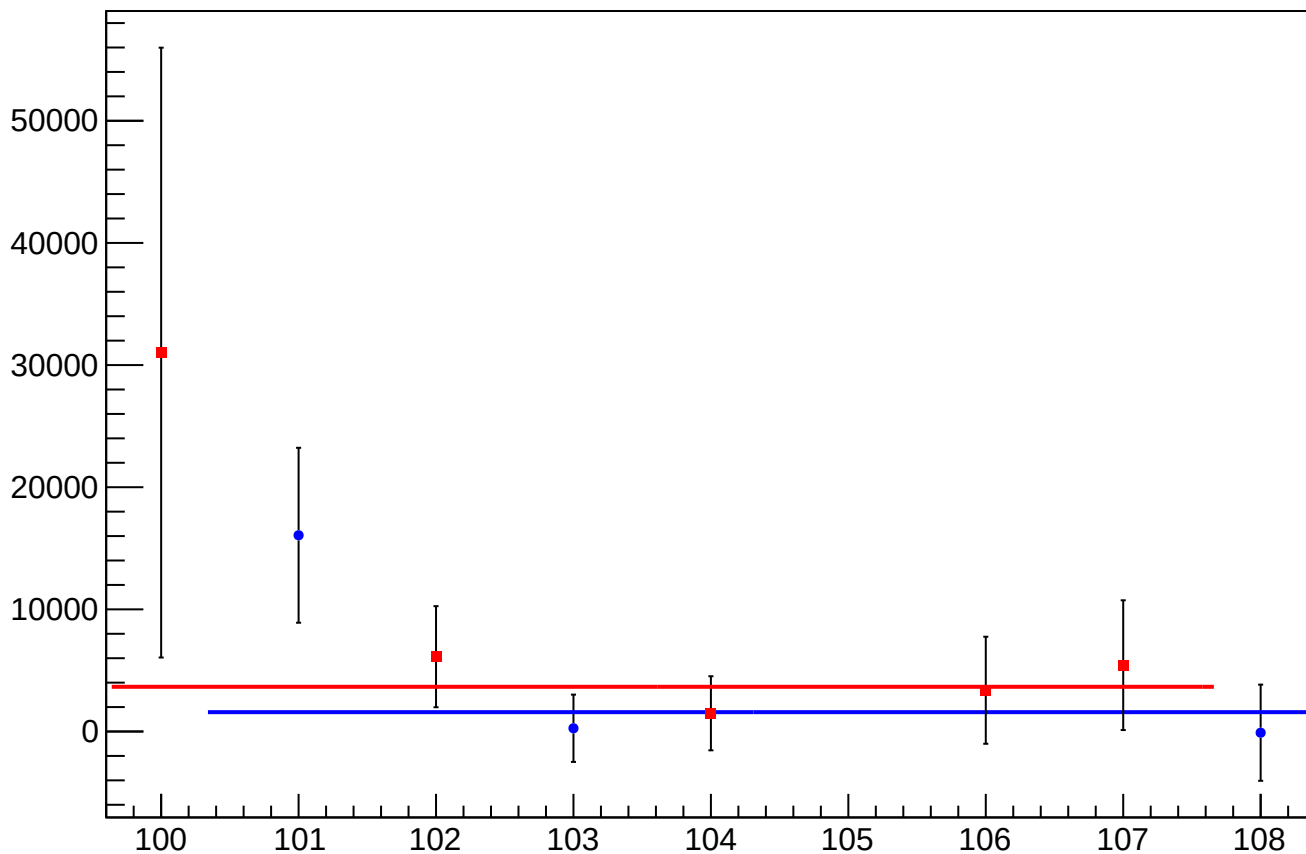
Right: 1314.901+/-0.551 χ^2/NDF : 802637.9/7

In: 1502.993+/-0.834 χ^2/NDF : 36958.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1314.901+/-0.551 χ^2/NDF : 802637.9/7

cor_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 1583.573+/-2152.517 χ^2/NDF : 4.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3659.814+/-1975.358 χ^2/NDF : 2.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

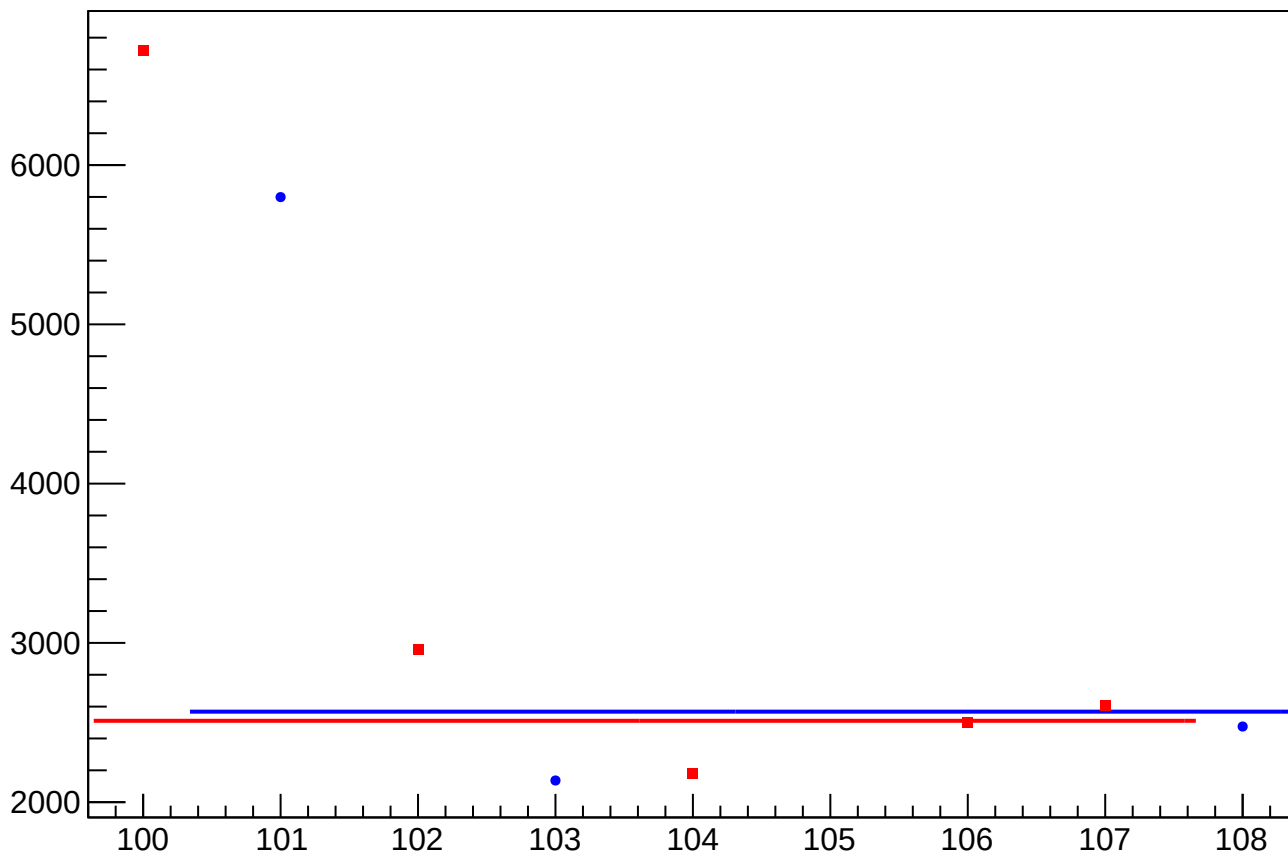
Right: 2710.637+/-1455.396 χ^2/NDF : 7.2/7

In: 1583.573+/-2152.517 χ^2/NDF : 4.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2710.637+/-1455.396 χ^2/NDF : 7.2/7

cor_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2568.338+/-1.522 χ^2/NDF : 457420.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2510.951+/-1.397 χ^2/NDF : 104585.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

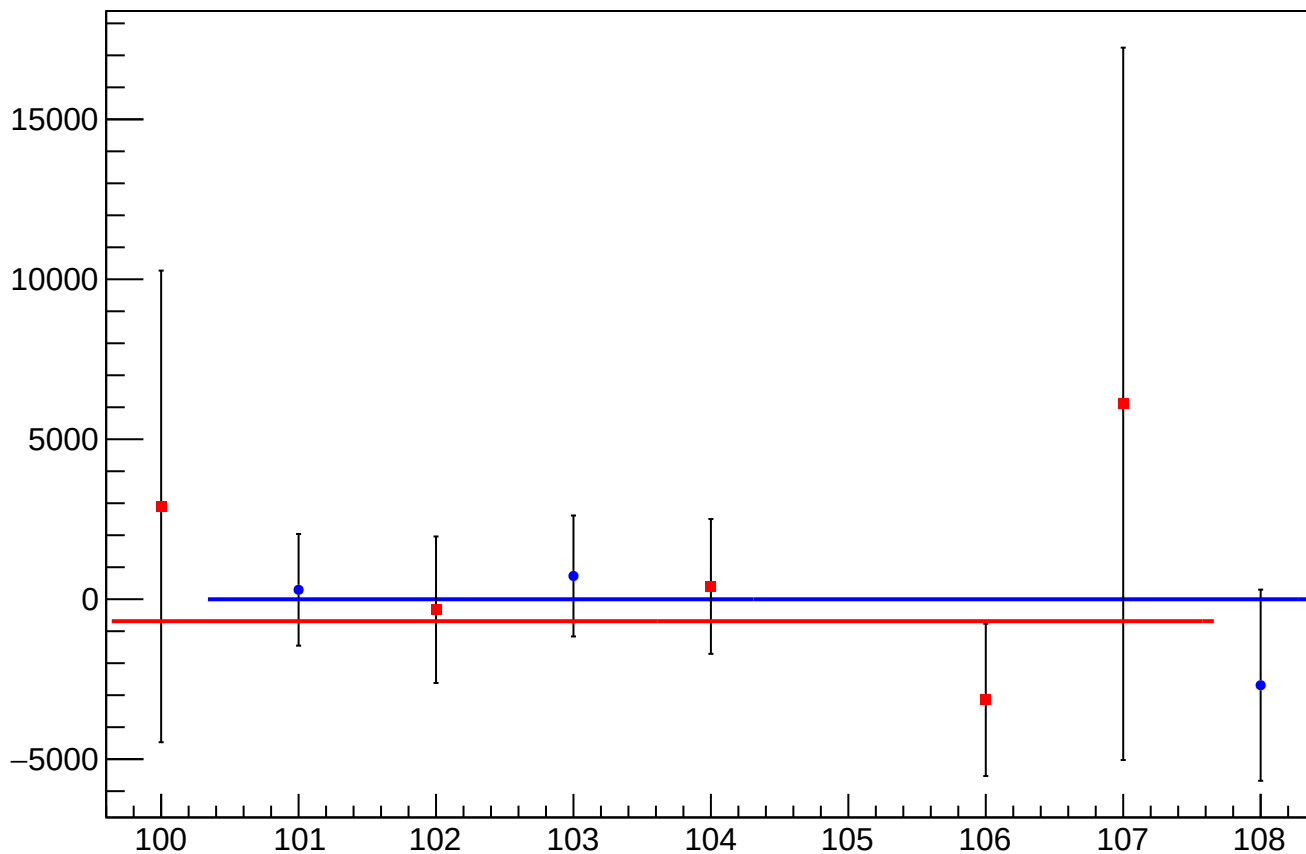
Right: 2537.186+/-1.029 χ^2/NDF : 562777.7/7

In: 2568.338+/-1.522 χ^2/NDF : 457420.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2537.186+/-1.029 χ^2/NDF : 562777.7/7

asym_us_avg_at1lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -2.022+/-1178.400 χ^2/NDF : 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -686.865+/-1271.144 χ^2/NDF : 2.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

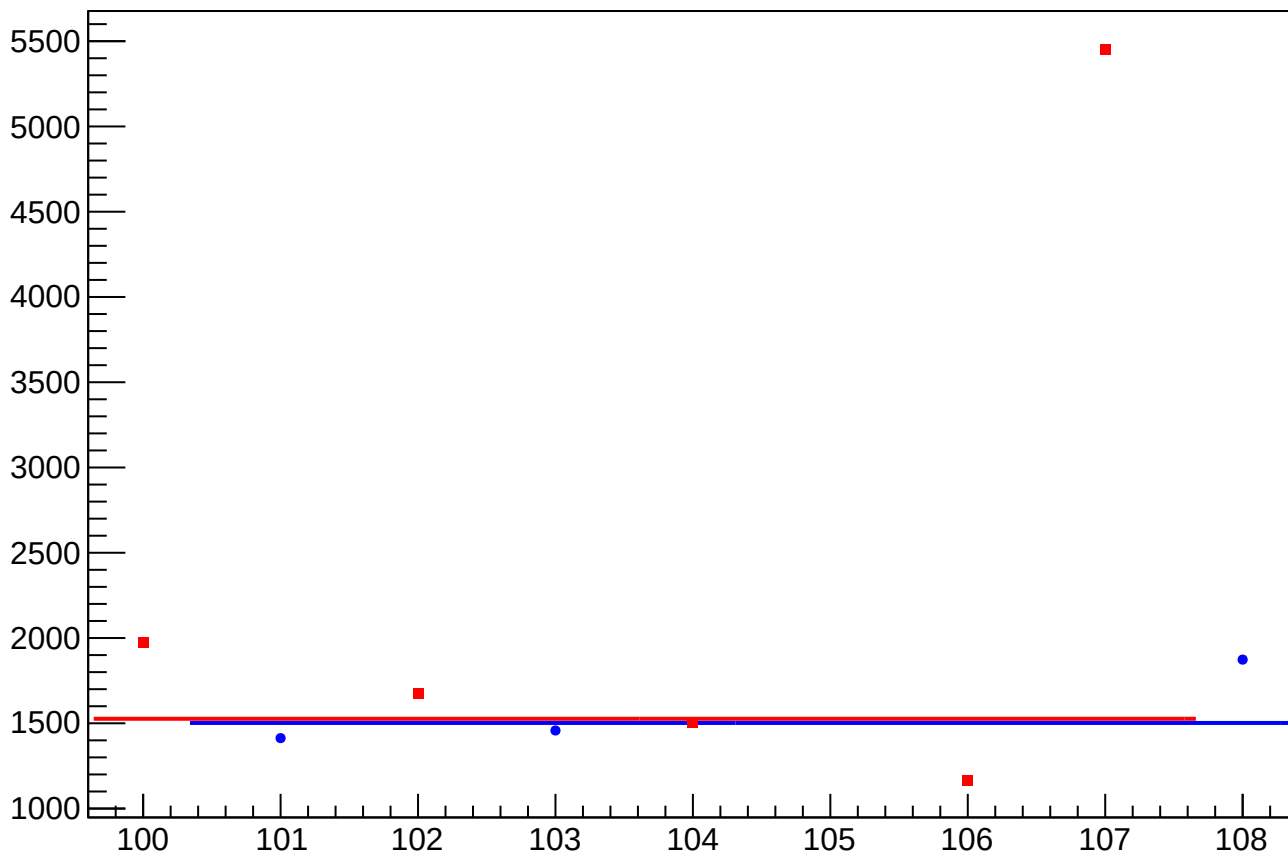
Right: -318.551+/-864.184 χ^2/NDF : 3.1/7

In: -2.022+/-1178.400 χ^2/NDF : 1.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -318.551+/-864.184 χ^2/NDF : 3.1/7

asym_us_avg_at1lr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1502.019+/-0.833 χ^2/NDF : 37191.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1526.596+/-0.899 χ^2/NDF : 311232.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

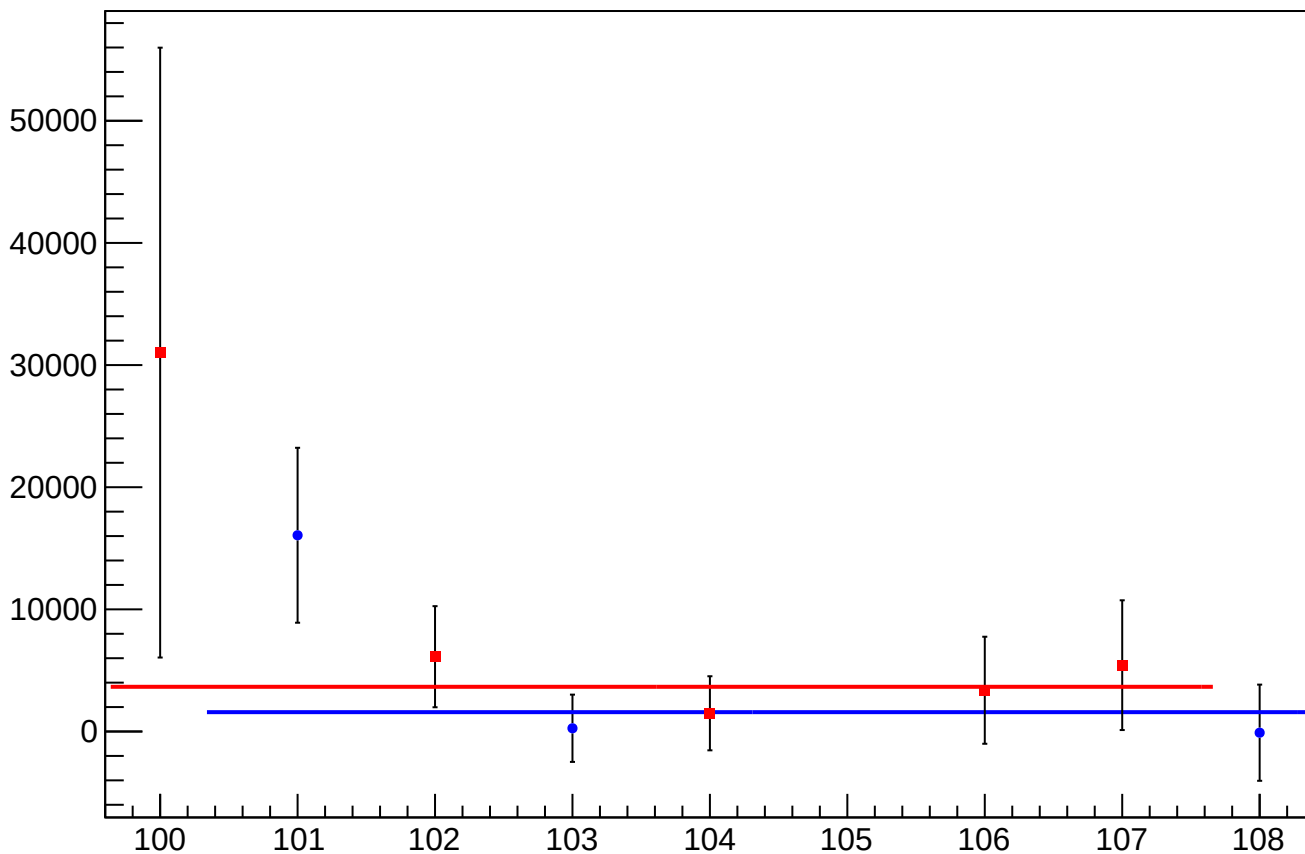
Right: 1513.378+/-0.611 χ^2/NDF : 348825.9/7

In: 1502.019+/-0.833 χ^2/NDF : 37191.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1513.378+/-0.611 χ^2/NDF : 348825.9/7

eigen_cor_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 1583.573+/-2152.517 χ^2/NDF : 4.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3659.814+/-1975.358 χ^2/NDF : 2.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

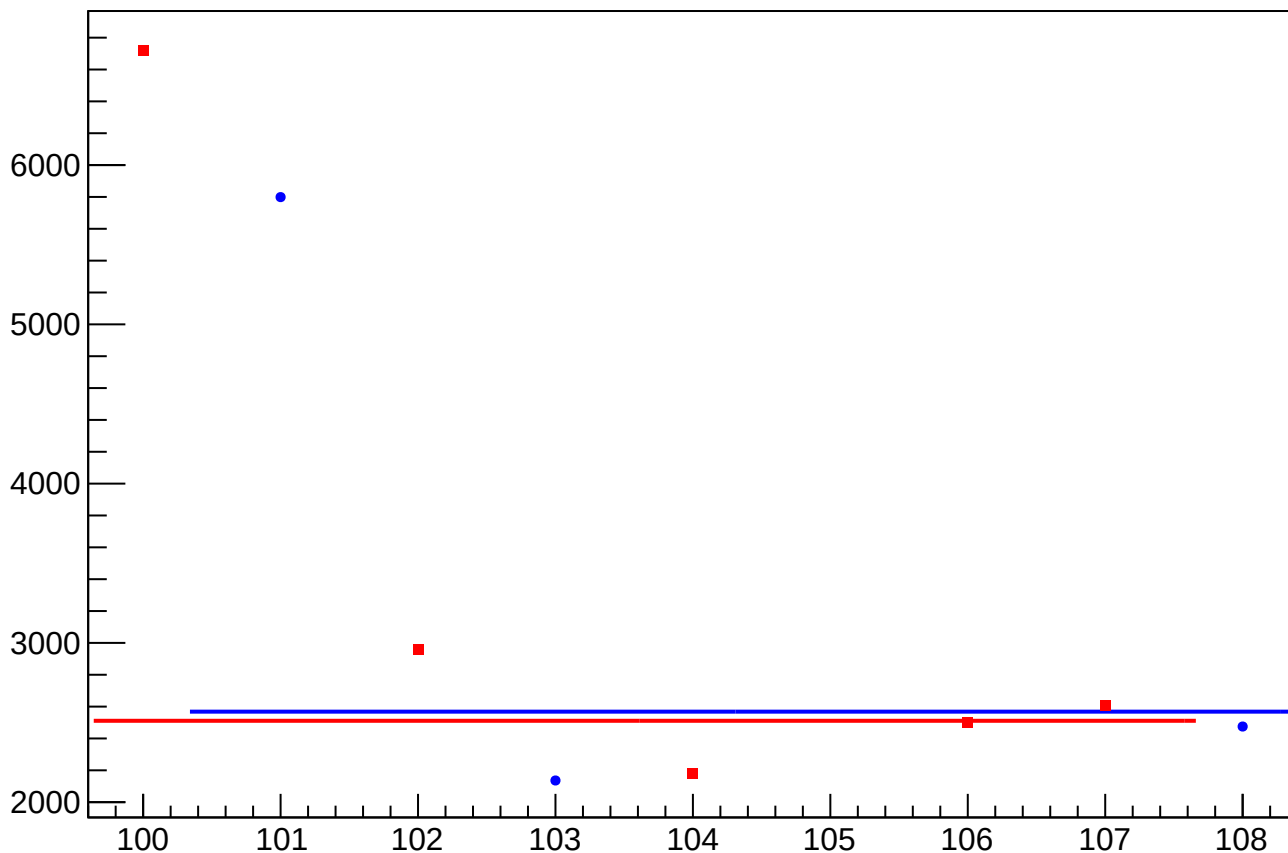
Right: 2710.637+/-1455.396 χ^2/NDF : 7.2/7

In: 1583.573+/-2152.517 χ^2/NDF : 4.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2710.637+/-1455.396 χ^2/NDF : 7.2/7

eigen_cor_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2568.338+/-1.522 χ^2/NDF : 457420.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2510.951+/-1.397 χ^2/NDF : 104585.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

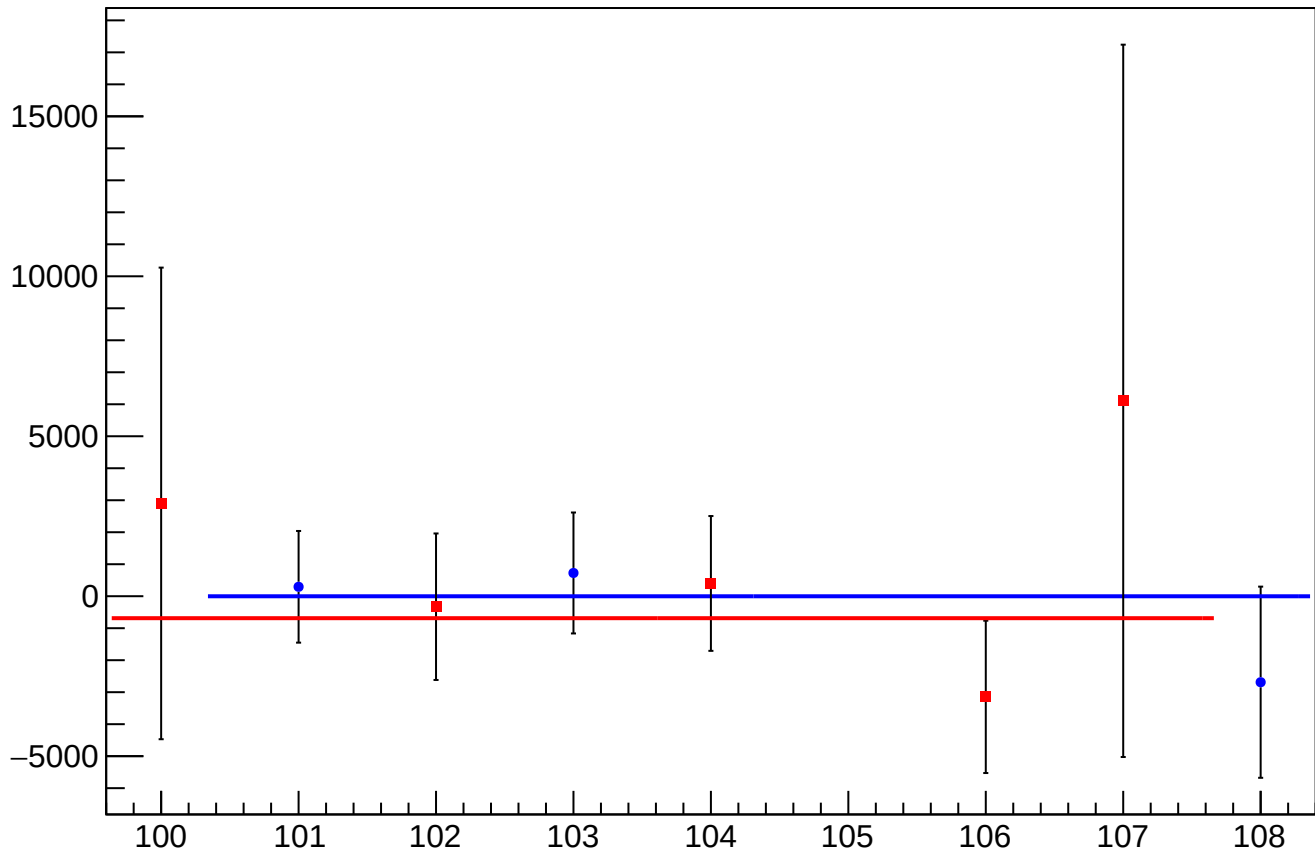
Right: 2537.186+/-1.029 χ^2/NDF : 562777.7/7

In: 2568.338+/-1.522 χ^2/NDF : 457420.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2537.186+/-1.029 χ^2/NDF : 562777.7/7

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -2.022+/-1178.400 χ^2/NDF : 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -686.865+/-1271.144 χ^2/NDF : 2.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

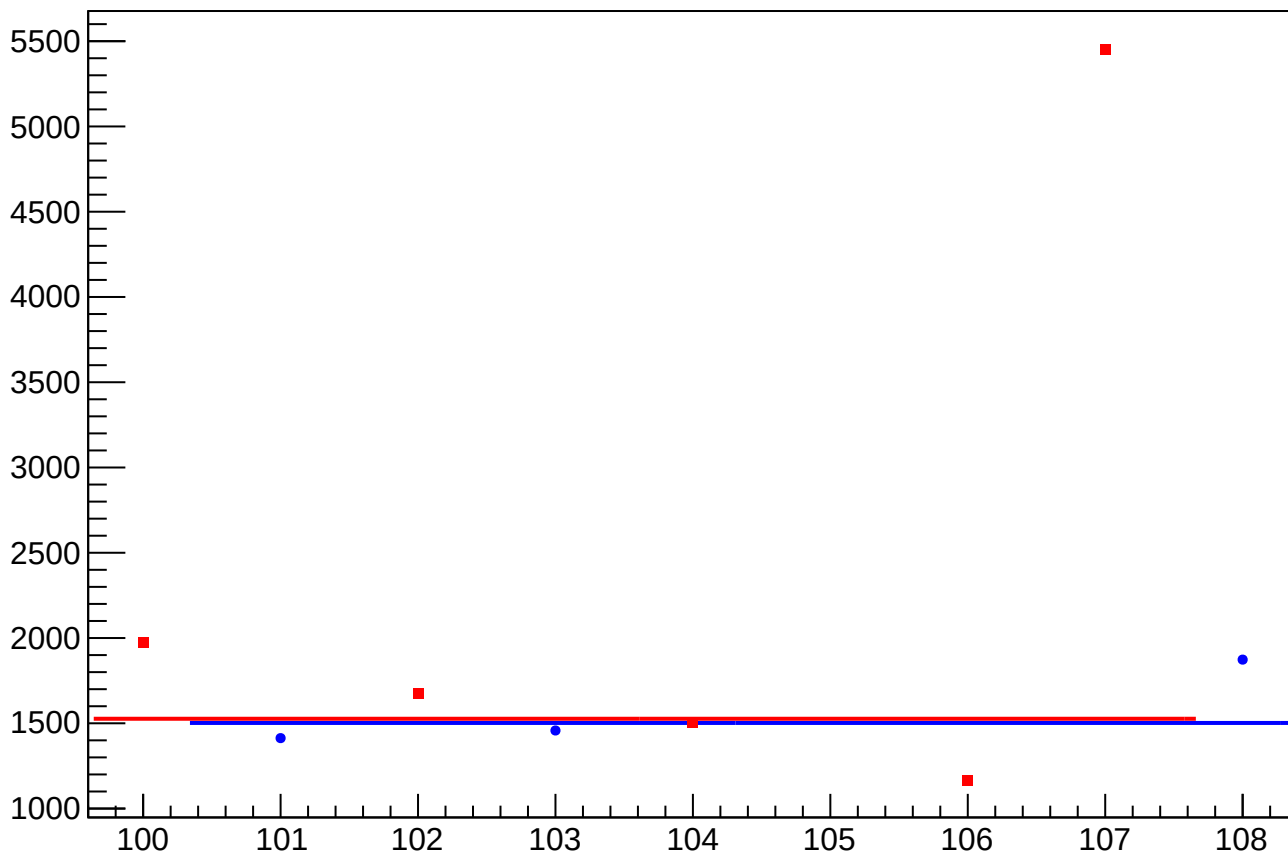
Right: -318.551+/-864.184 χ^2/NDF : 3.1/7

In: -2.022+/-1178.400 χ^2/NDF : 1.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -318.551+/-864.184 χ^2/NDF : 3.1/7

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1502.019+/-0.833 χ^2/NDF : 37191.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1526.596+/-0.899 χ^2/NDF : 311232.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

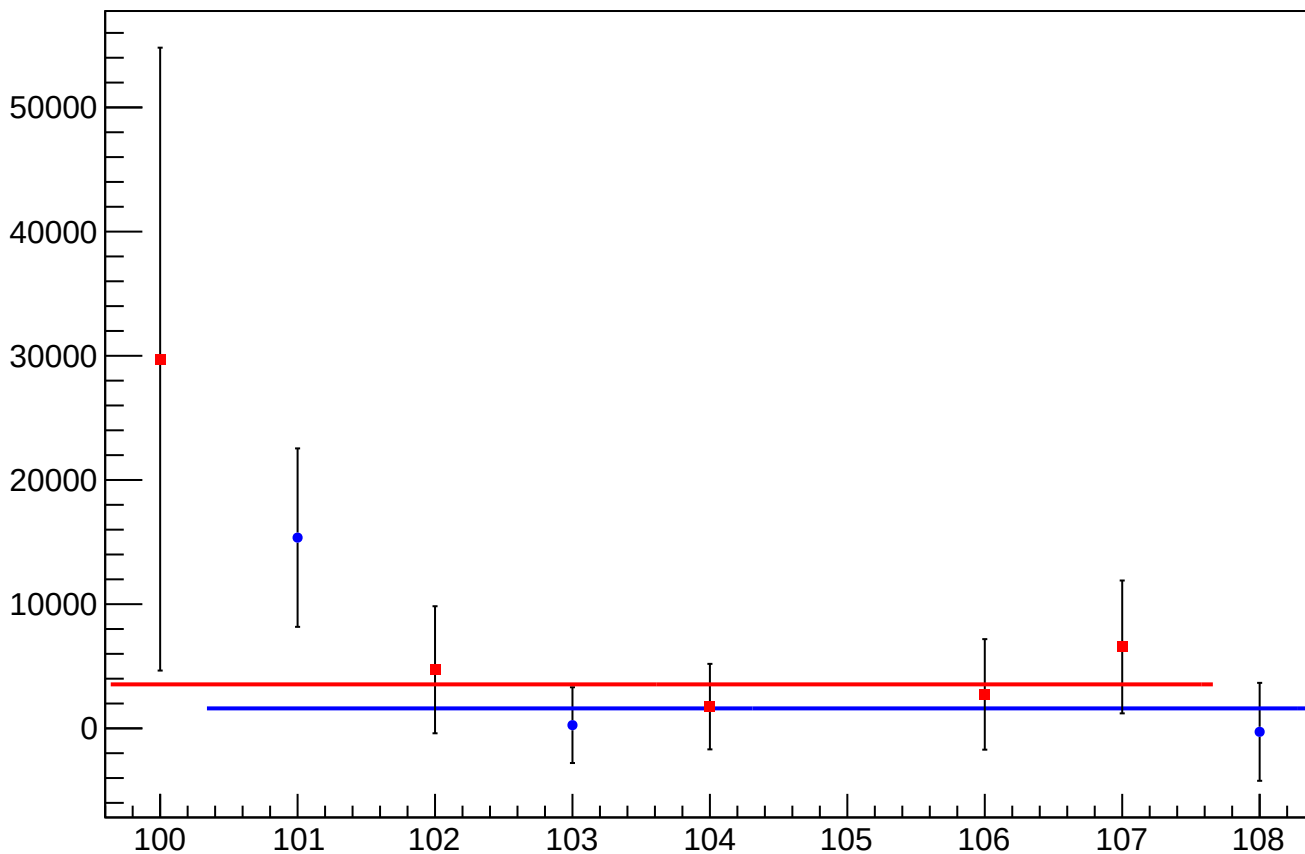
Right: 1513.378+/-0.611 χ^2/NDF : 348825.9/7

In: 1502.019+/-0.833 χ^2/NDF : 37191.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1513.378+/-0.611 χ^2/NDF : 348825.9/7

dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 1607.989+/-2287.228 χ^2/NDF : 4.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3542.210+/-2184.098 χ^2/NDF : 1.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

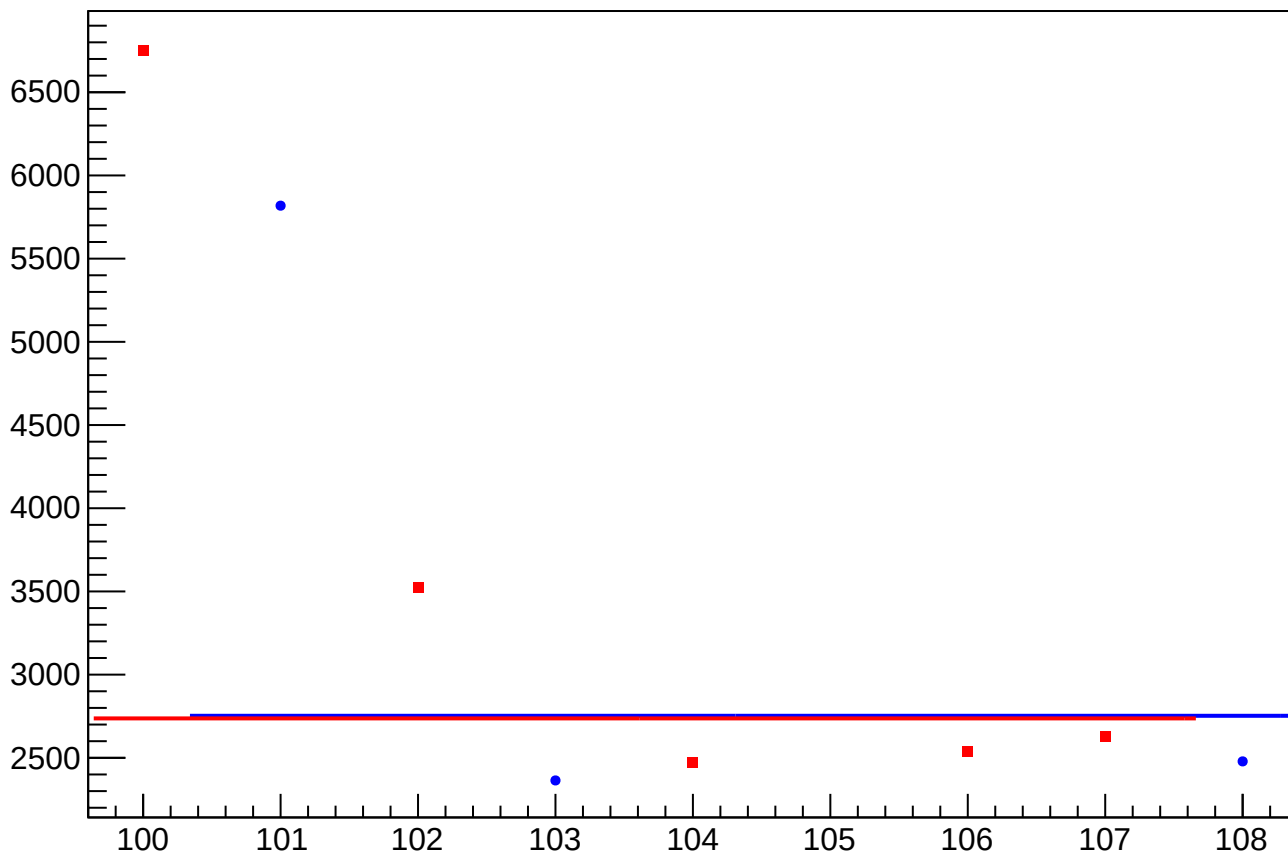
Right: 2619.688+/-1579.592 χ^2/NDF : 6.2/7

In: 1607.989+/-2287.228 χ^2/NDF : 4.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2619.688+/-1579.592 χ^2/NDF : 6.2/7

dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2752.651+/-1.617 χ^2/NDF : 406163.9/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2736.939+/-1.544 χ^2/NDF : 114972.5/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

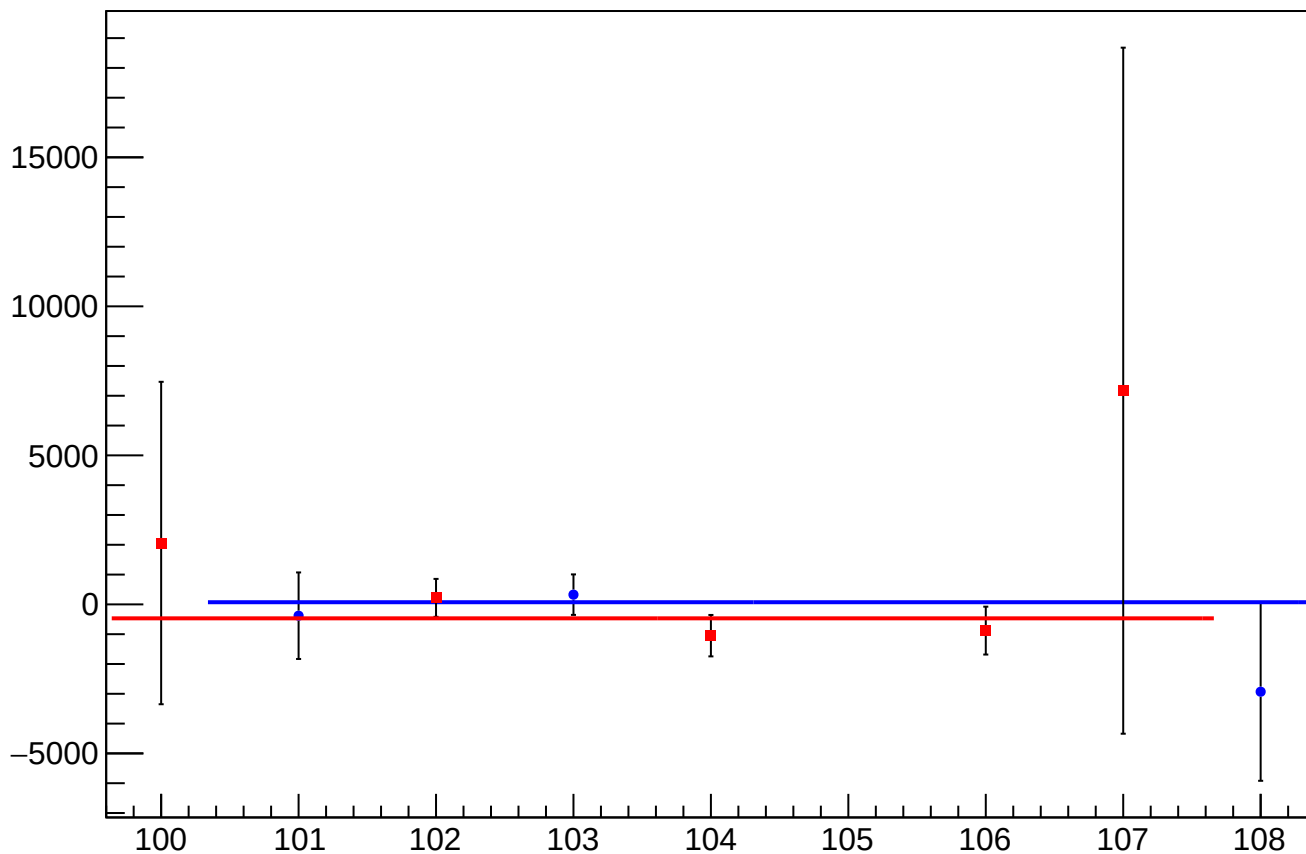
Right: 2744.433+/-1.117 χ^2/NDF : 521185.7/7

In: 2752.651+/-1.617 χ^2/NDF :406163.9/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2744.433+/-1.117 χ^2/NDF : 521185.7/7

asym_us_avg_at1lr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 72.372 $\pm$ 602.713 χ^2 /NDF: 1.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -468.336 $\pm$ 403.777 χ^2 /NDF: 2.8/4

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

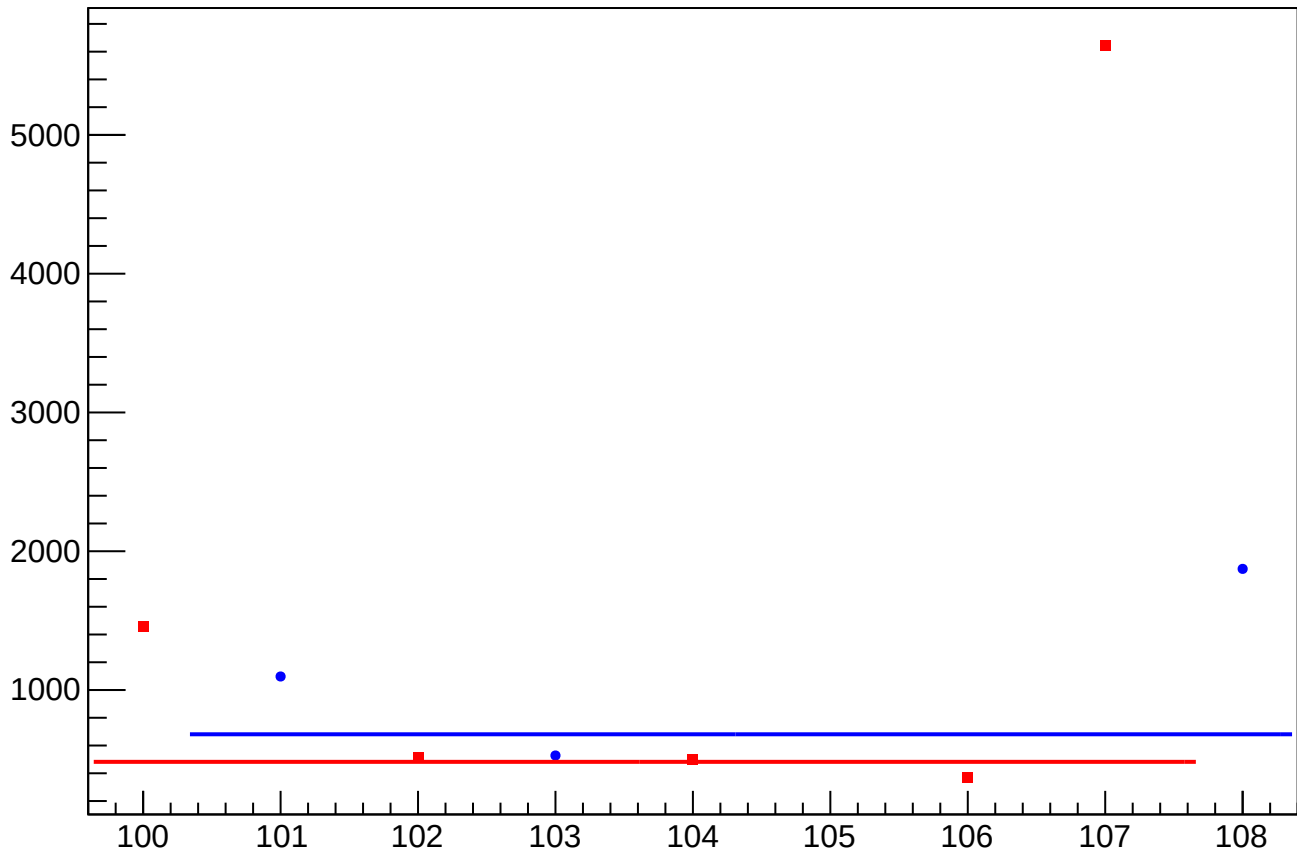
Right: -300.836 $\pm$ 335.456 χ^2 /NDF: 4.6/7

In: 72.372 $\pm$ 602.713 χ^2 /NDF:1.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -300.836 $\pm$ 335.456 χ^2 /NDF: 4.6/7

asym_us_avg_at1lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 680.962 $\pm$ 0.426 χ^2 /NDF: 584048.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 482.386 $\pm$ 0.286 χ^2 /NDF: 512535.3/4

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

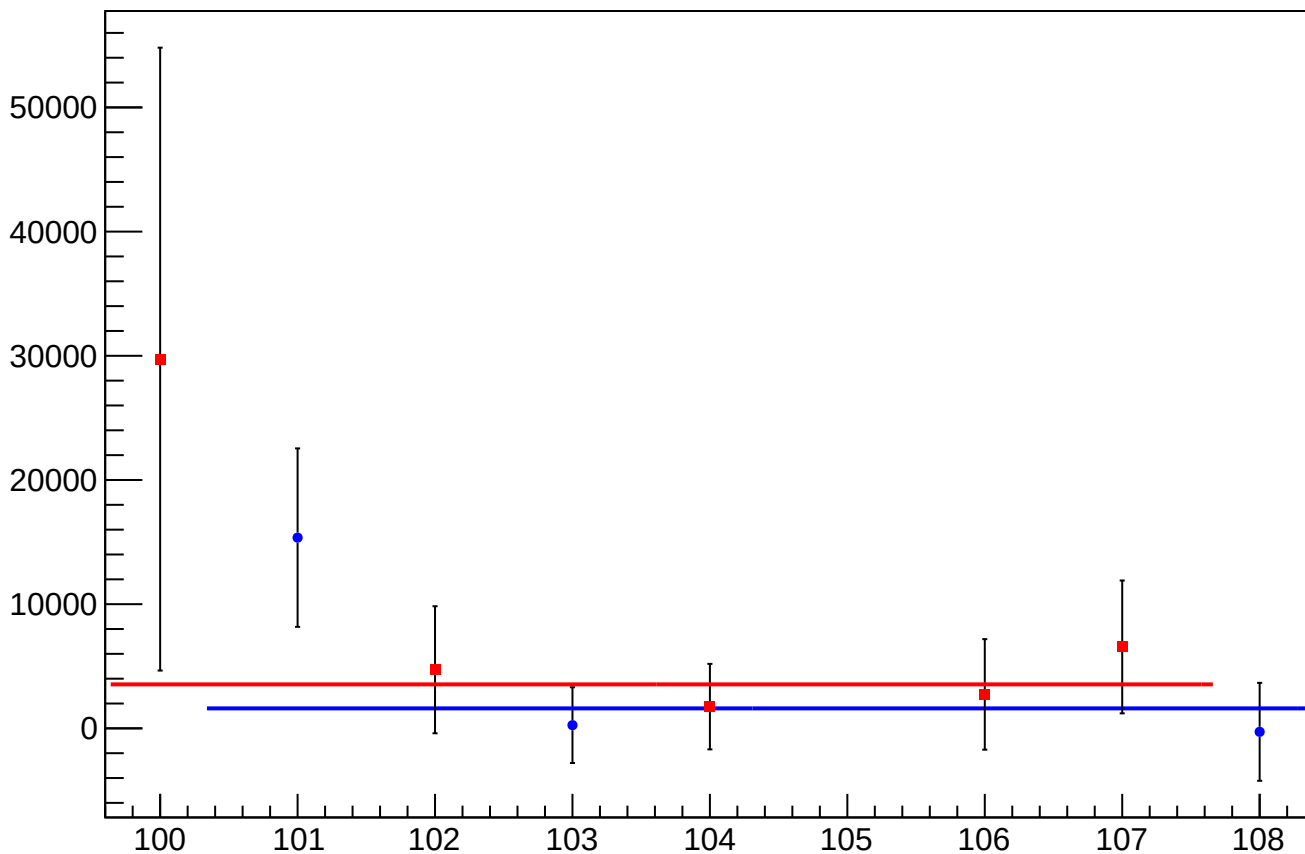
Right: 543.900 $\pm$ 0.237 χ^2 /NDF: 1246432.8/7

In: 680.962 $\pm$ 0.426 χ^2 /NDF: 584048.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 543.900 $\pm$ 0.237 χ^2 /NDF: 1246432.8/7

eigen_dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 1607.981+/-2287.226 χ^2/NDF : 4.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3542.191+/-2184.096 χ^2/NDF : 1.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

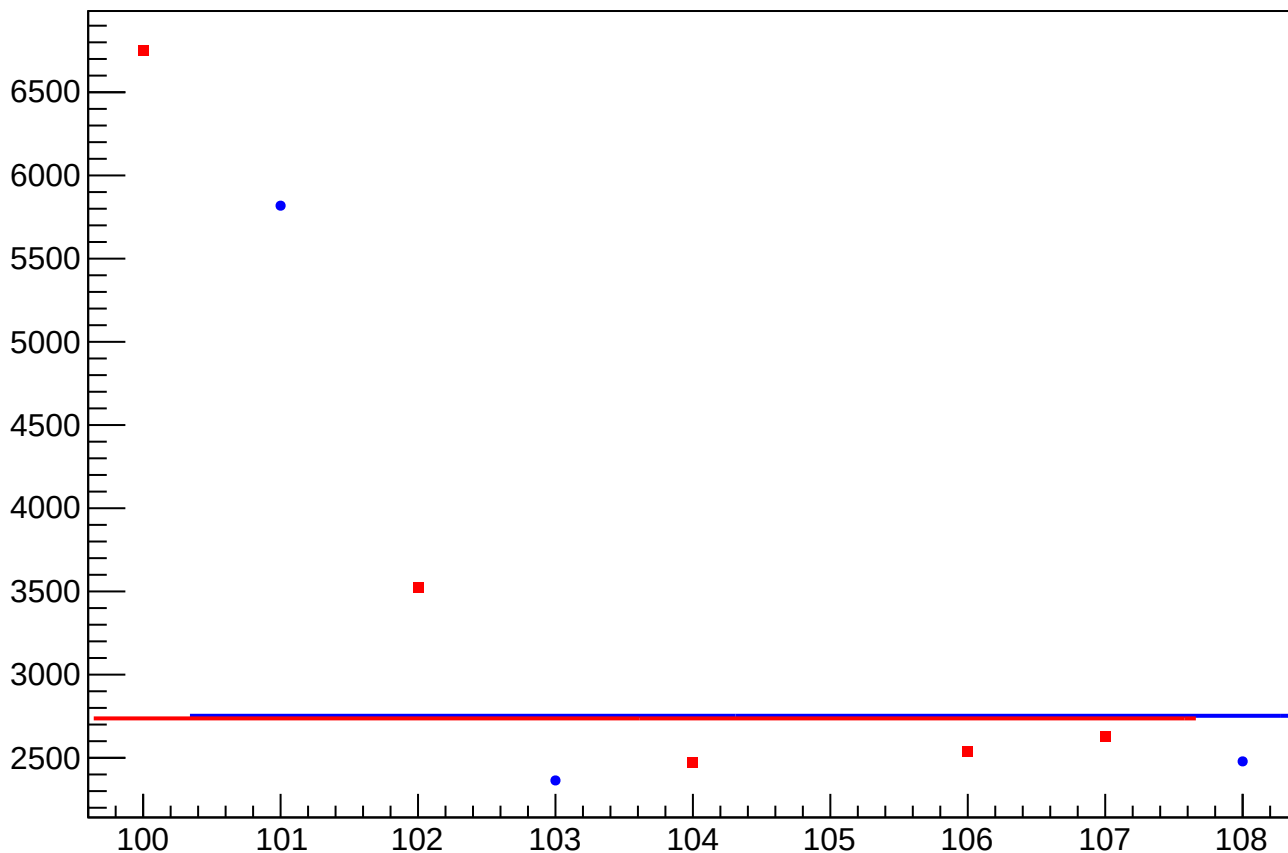
Right: 2619.674+/-1579.590 χ^2/NDF : 6.2/7

In: 1607.981+/-2287.226 χ^2/NDF : 4.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2619.674+/-1579.590 χ^2/NDF : 6.2/7

eigen_dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2752.648+/-1.617 χ^2/NDF : 406164.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2736.936+/-1.544 χ^2/NDF : 114972.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

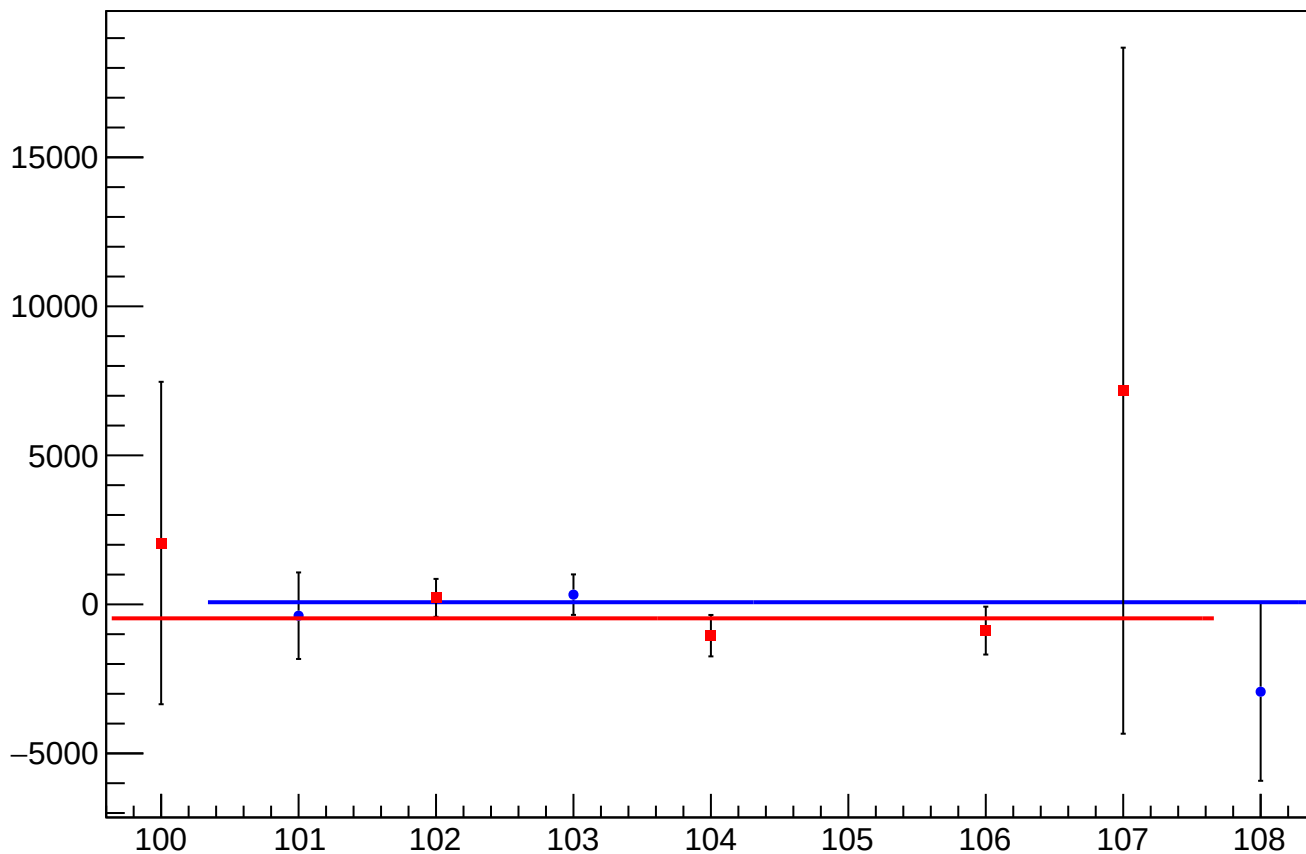
Right: 2744.429+/-1.117 χ^2/NDF : 521186.6/7

In: 2752.648+/-1.617 χ^2/NDF : 406164.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2744.429+/-1.117 χ^2/NDF : 521186.6/7

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 72.363+/-602.718 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -468.342+/-403.784 χ^2/NDF : 2.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

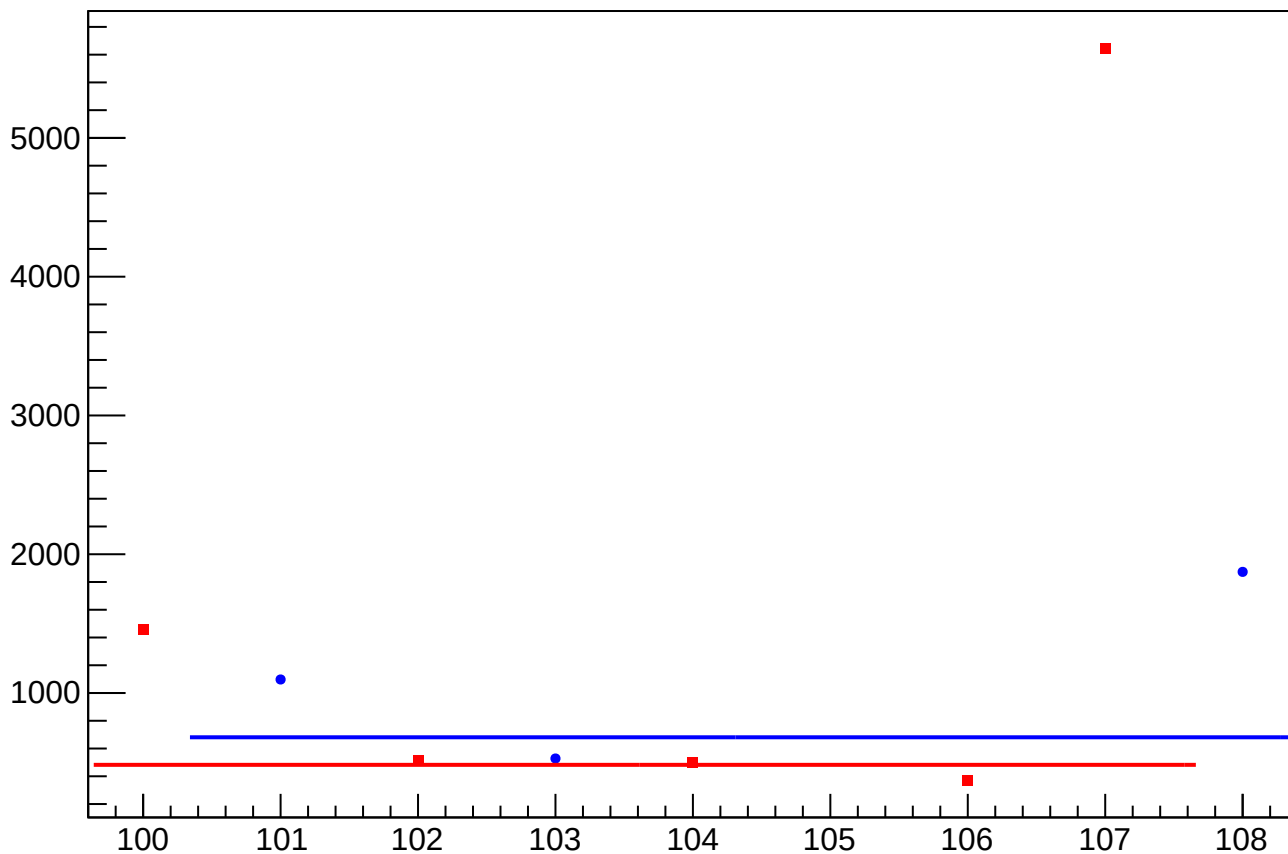
Right: -300.841+/-335.461 χ^2/NDF : 4.6/7

In: 72.363+/-602.718 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -300.841+/-335.461 χ^2/NDF : 4.6/7

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 680.970+/-0.426 χ^2/NDF : 584040.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 482.395+/-0.286 χ^2/NDF : 512523.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

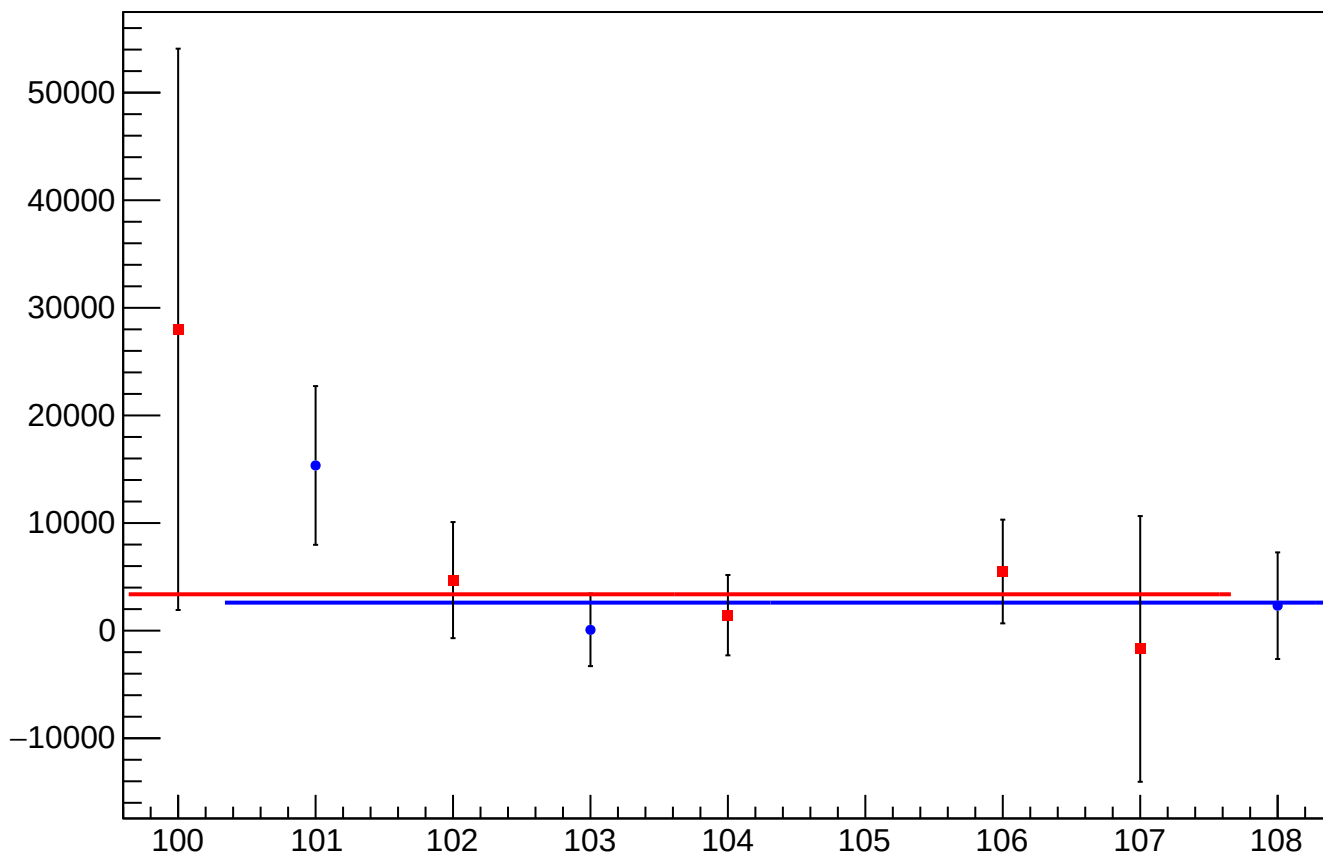
Right: 543.910+/-0.237 χ^2/NDF : 1246407.1/7

In: 680.970+/-0.426 χ^2/NDF : 584040.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 543.910+/-0.237 χ^2/NDF : 1246407.1/7

asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2604.432+/-2606.944 χ^2/NDF : 3.6/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3379.600+/-2522.149 χ^2/NDF : 1.6/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

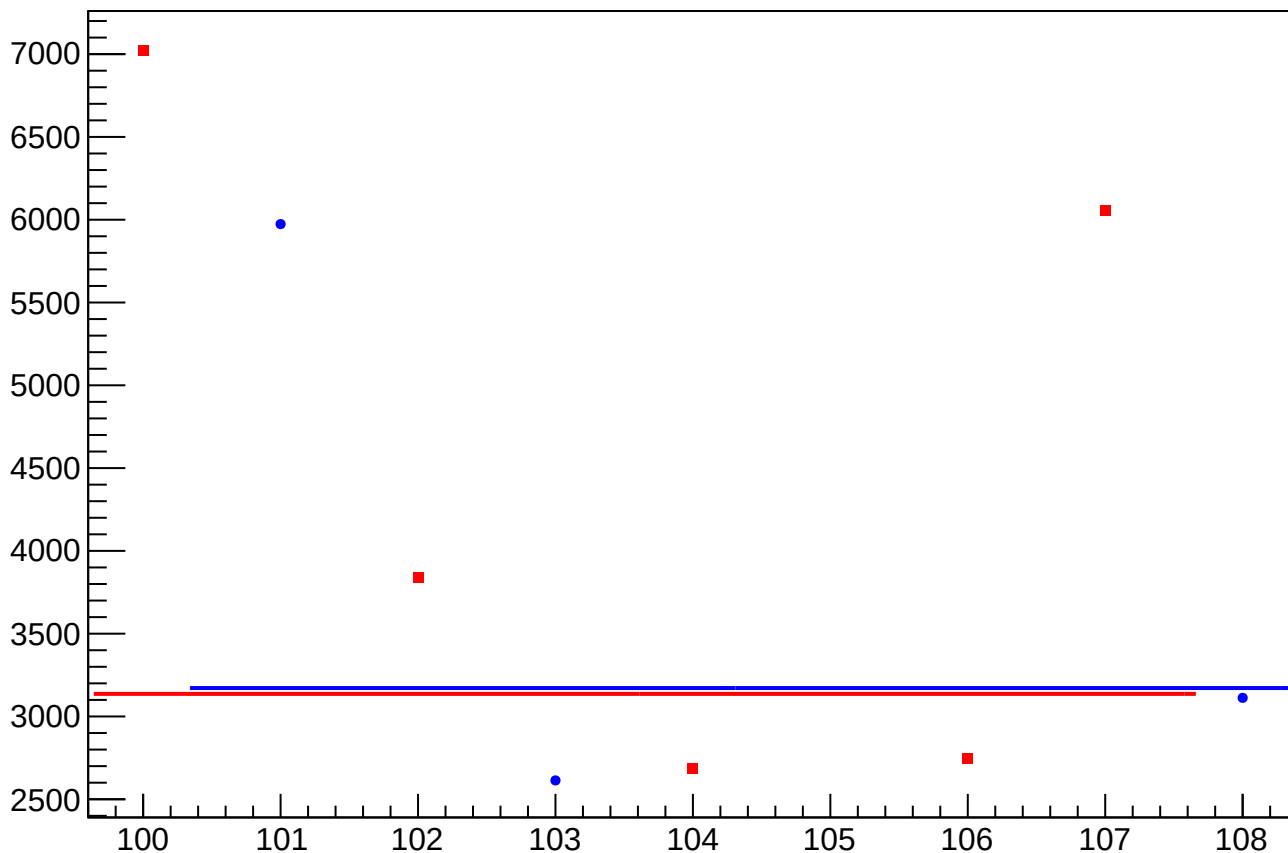
Right: 3004.828+/-1812.665 χ^2/NDF : 5.2/7

In: 2604.432+/-2606.944 χ^2/NDF :3.6/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3004.828+/-1812.665 χ^2/NDF : 5.2/7

asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3171.674+/-1.843 χ^2/NDF : 343663.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3136.383+/-1.783 χ^2/NDF : 231844.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

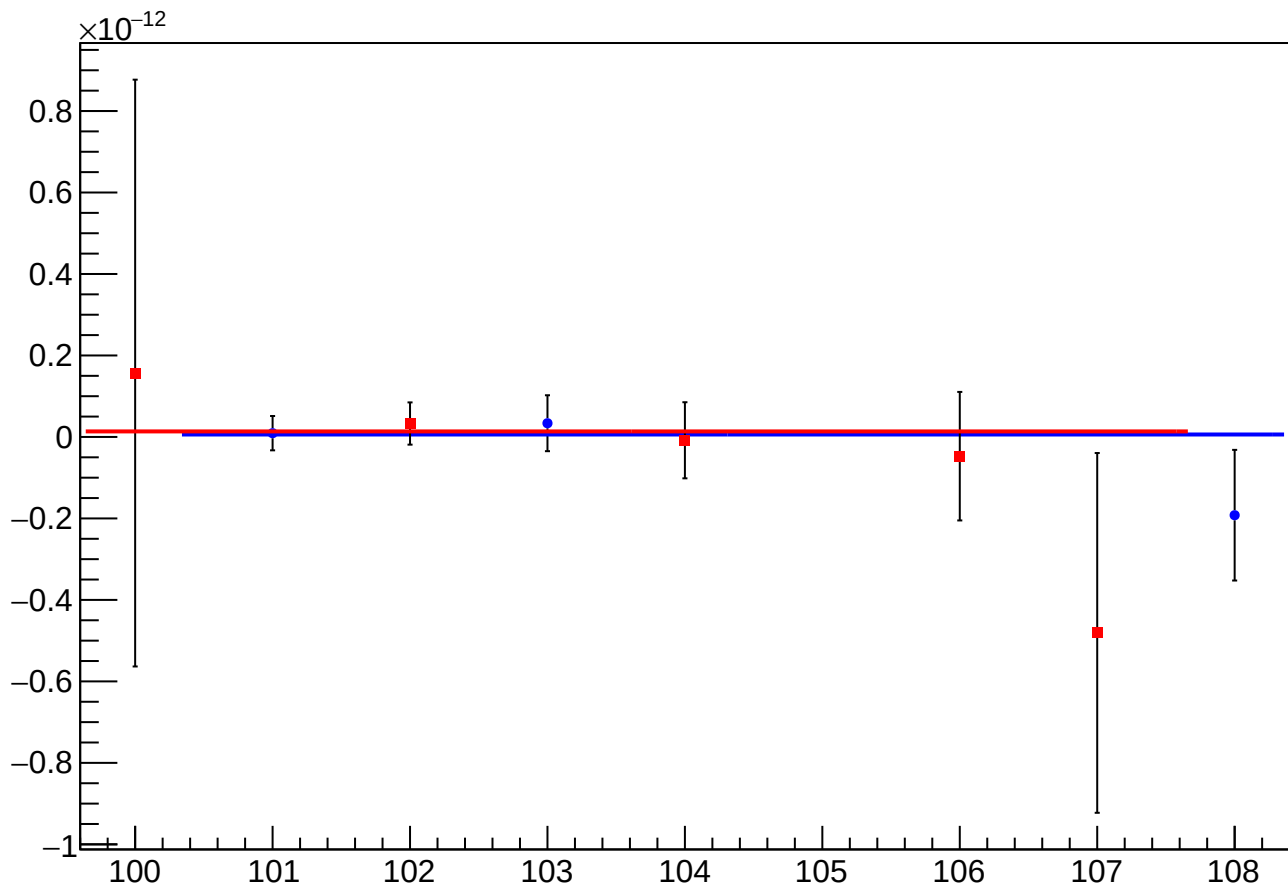
Right: 3153.445+/-1.282 χ^2/NDF : 575697.5/7

In: 3171.674+/-1.843 χ^2/NDF : 343663.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3153.445+/-1.282 χ^2/NDF : 575697.5/7

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

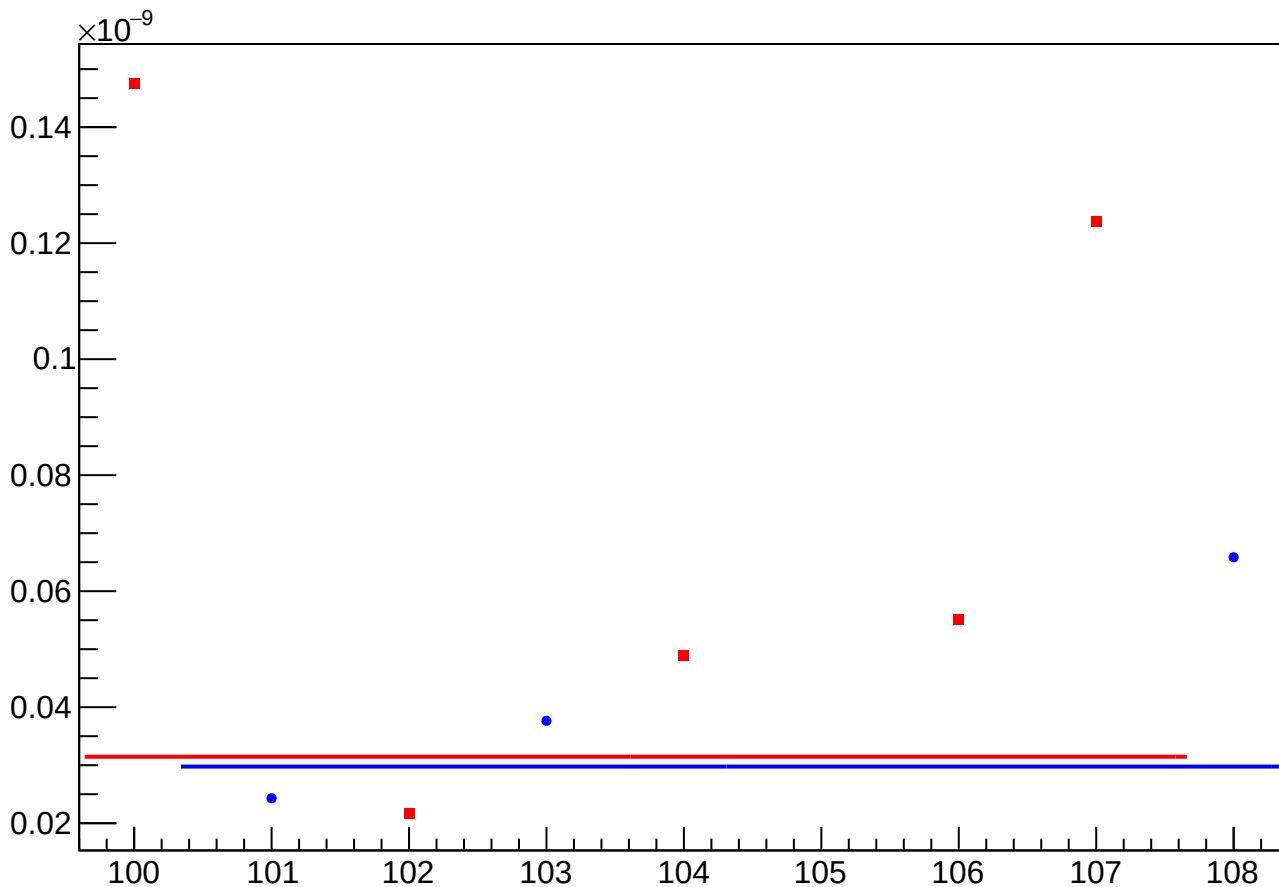
Right: 0.000+/-0.000 χ^2/NDF : 3.3/7

In: 0.000+/-0.000 χ^2/NDF : 1.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.3/7

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 161307.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 325299.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

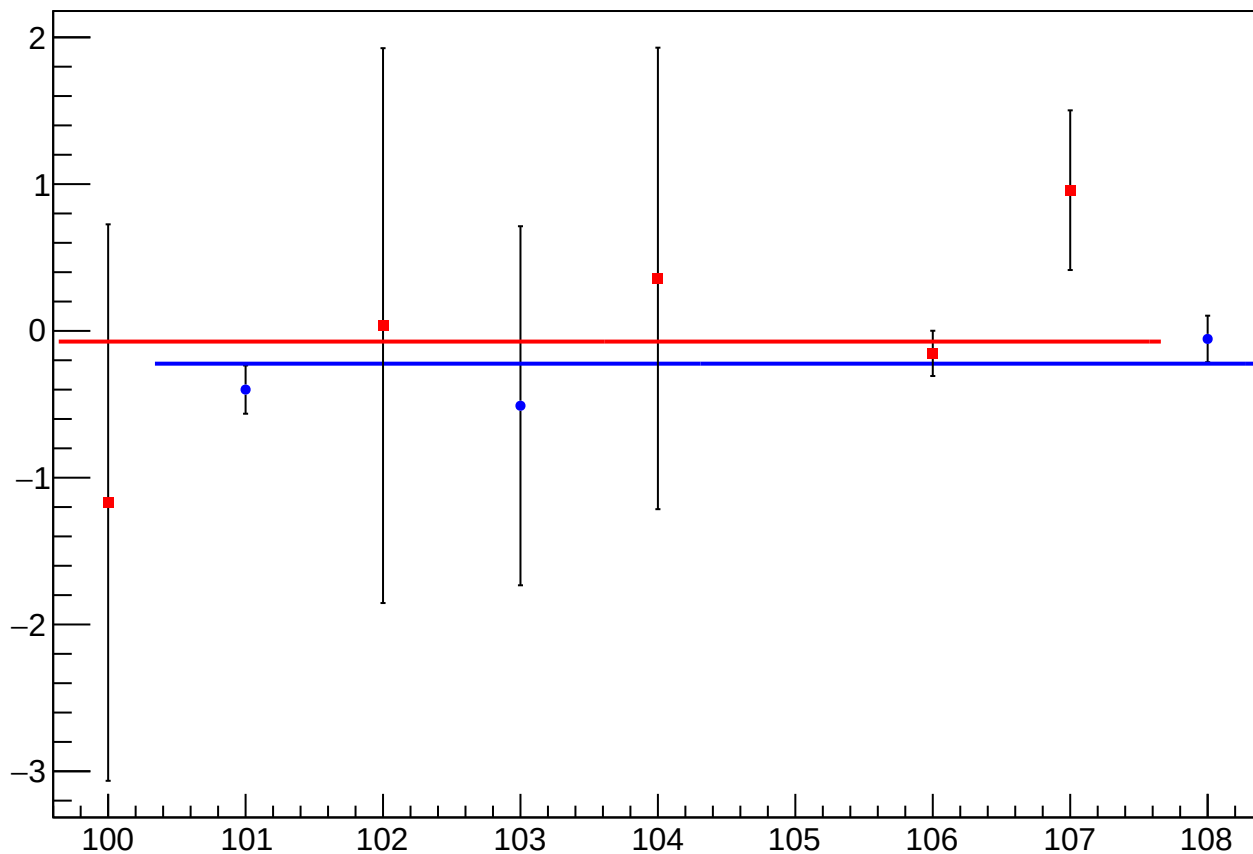
Right: 0.000+/-0.000 χ^2/NDF : 488468.9/7

In: 0.000+/-0.000 χ^2/NDF : 161307.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 488468.9/7

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.223+/-0.114 χ^2/NDF : 2.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.073+/-0.147 χ^2/NDF : 4.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

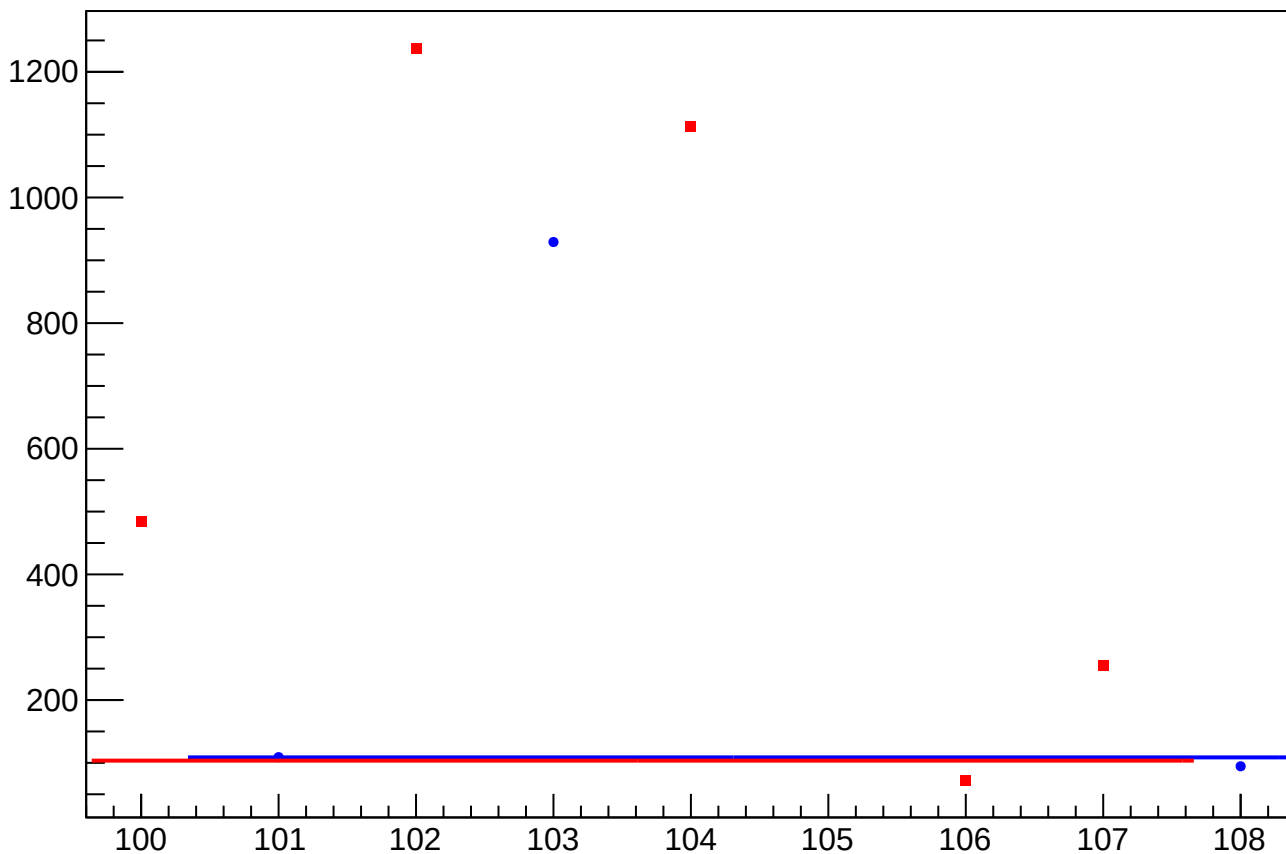
Right: -0.167+/-0.090 χ^2/NDF : 7.3/7

In: -0.223+/-0.114 χ^2/NDF : 2.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.167+/-0.090 χ^2/NDF : 7.3/7

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.708+/-0.080 χ^2/NDF : 915889.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.545+/-0.104 χ^2/NDF : 1867160.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

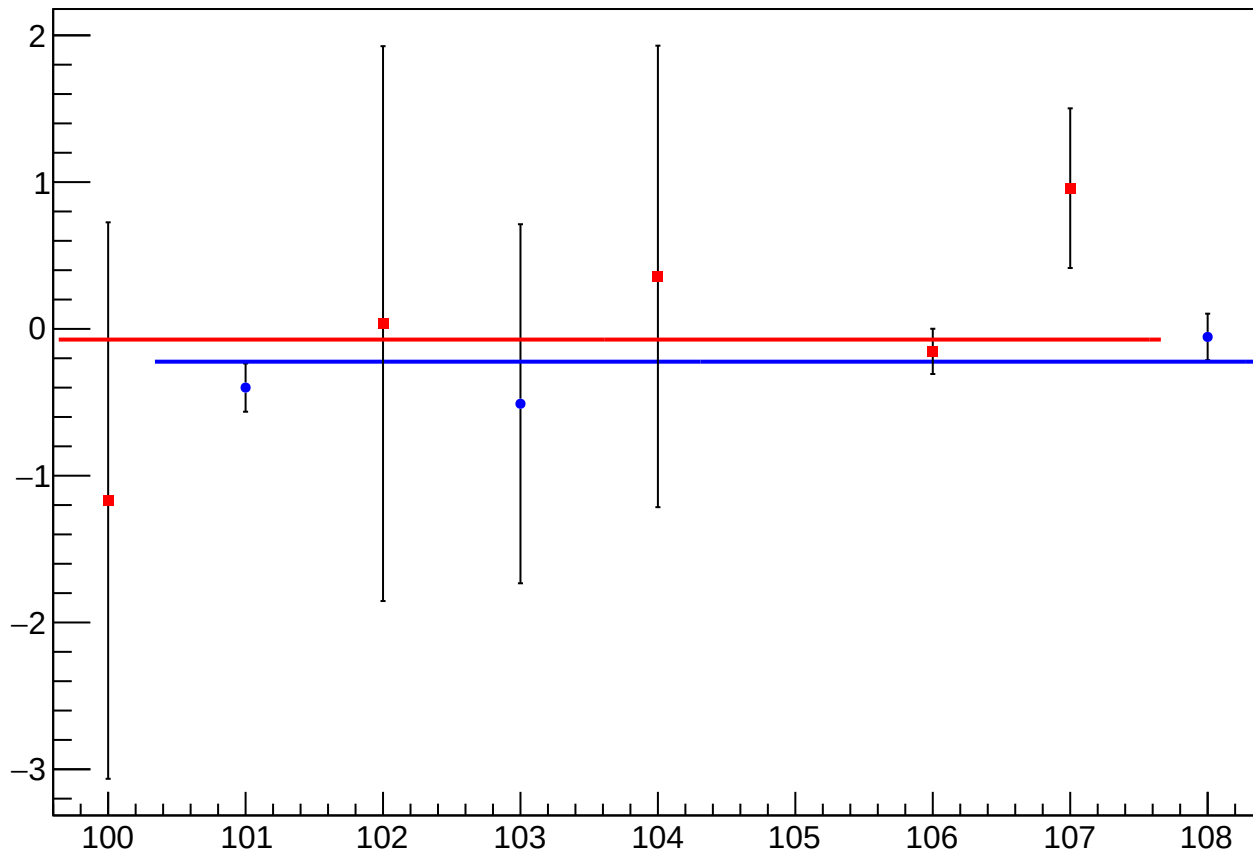
Right: 106.774+/-0.064 χ^2/NDF : 2784598.6/7

In: 108.708+/-0.080 χ^2/NDF : 915889.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.774+/-0.064 χ^2/NDF : 2784598.6/7

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.223+/-0.114 χ^2/NDF : 2.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.073+/-0.147 χ^2/NDF : 4.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

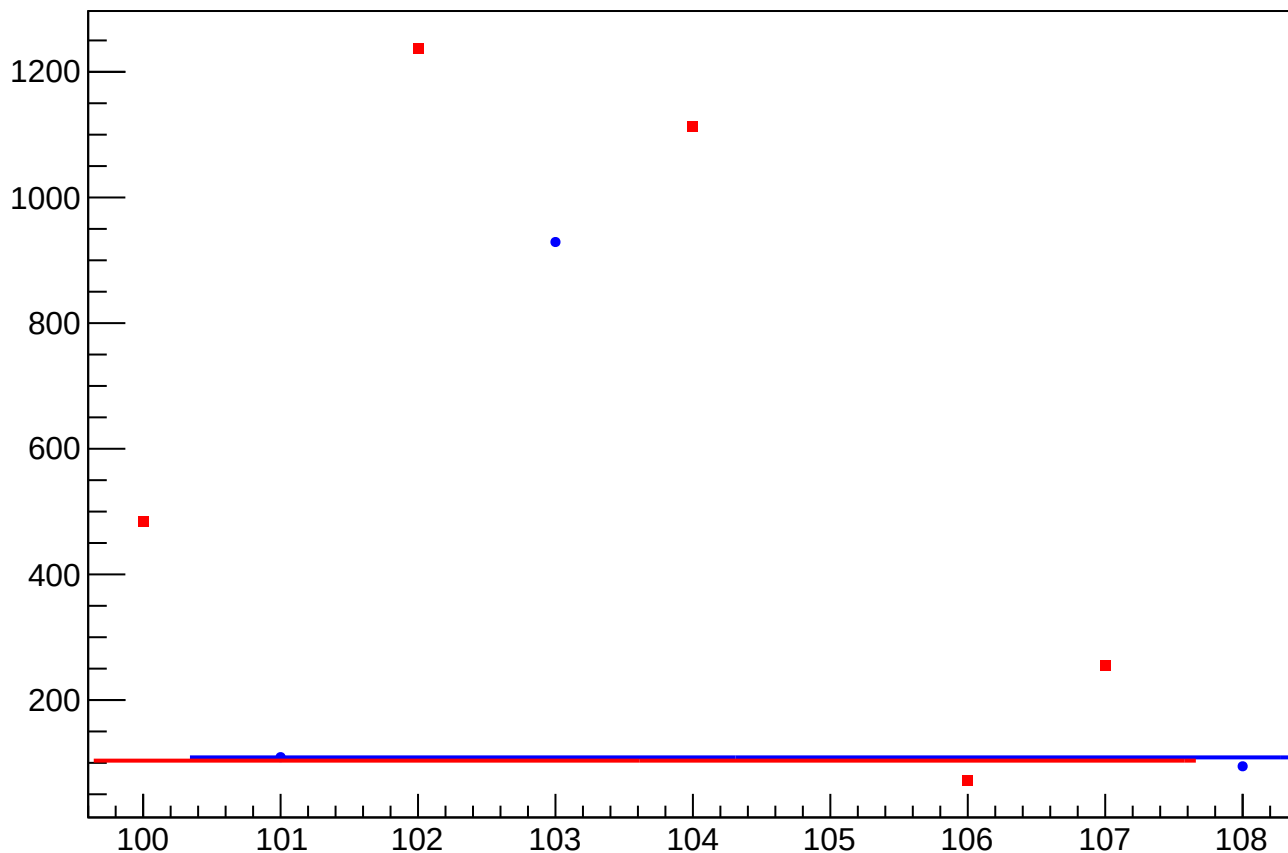
Right: -0.167+/-0.090 χ^2/NDF : 7.3/7

In: -0.223+/-0.114 χ^2/NDF : 2.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.167+/-0.090 χ^2/NDF : 7.3/7

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.708 $\pm$ 0.080 χ^2 /NDF: 915889.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 103.545 $\pm$ 0.104 χ^2 /NDF: 1867160.9/4

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

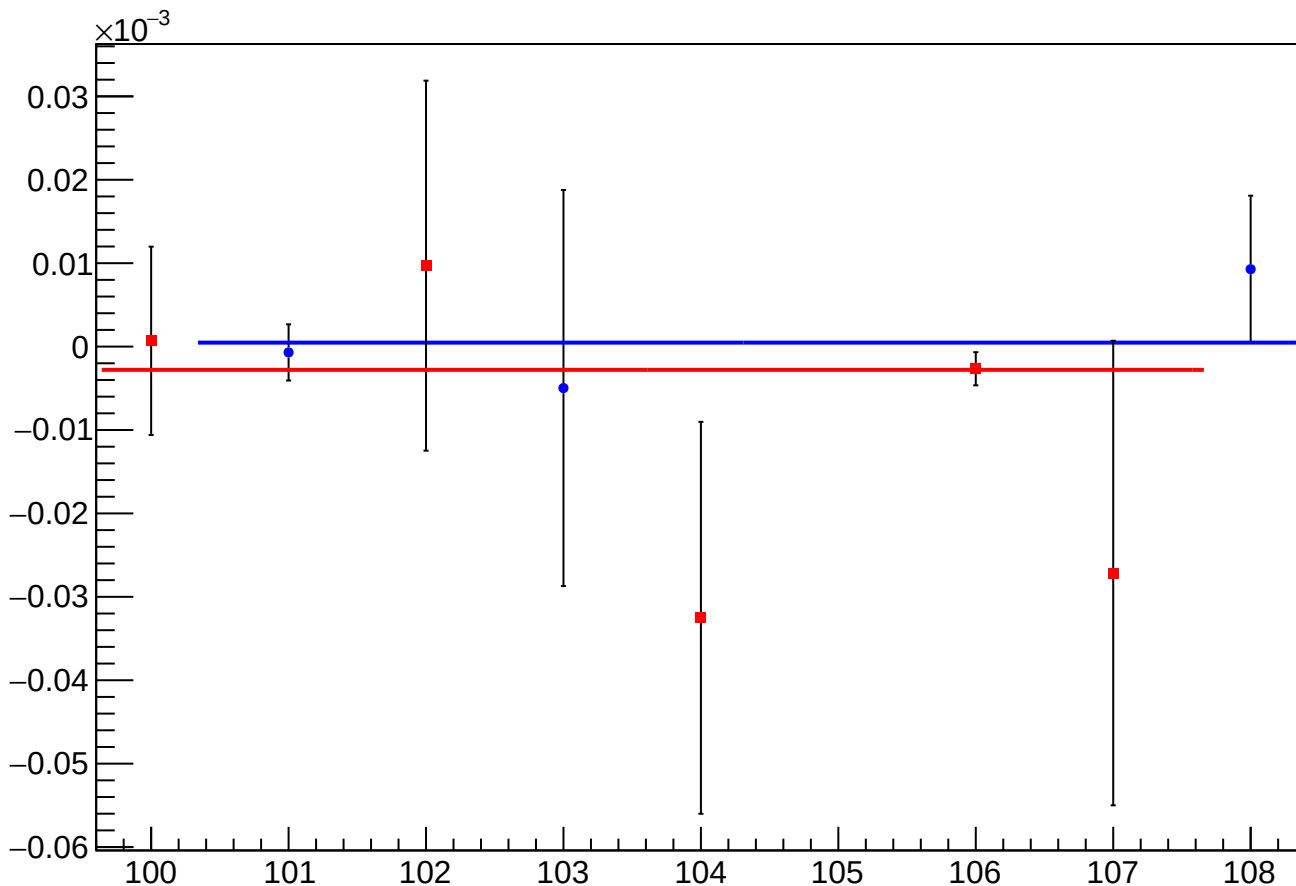
Right: 106.774 $\pm$ 0.064 χ^2 /NDF: 2784598.6/7

In: 108.708 $\pm$ 0.080 χ^2 /NDF:915889.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 106.774 $\pm$ 0.064 χ^2 /NDF: 2784598.6/7

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 : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

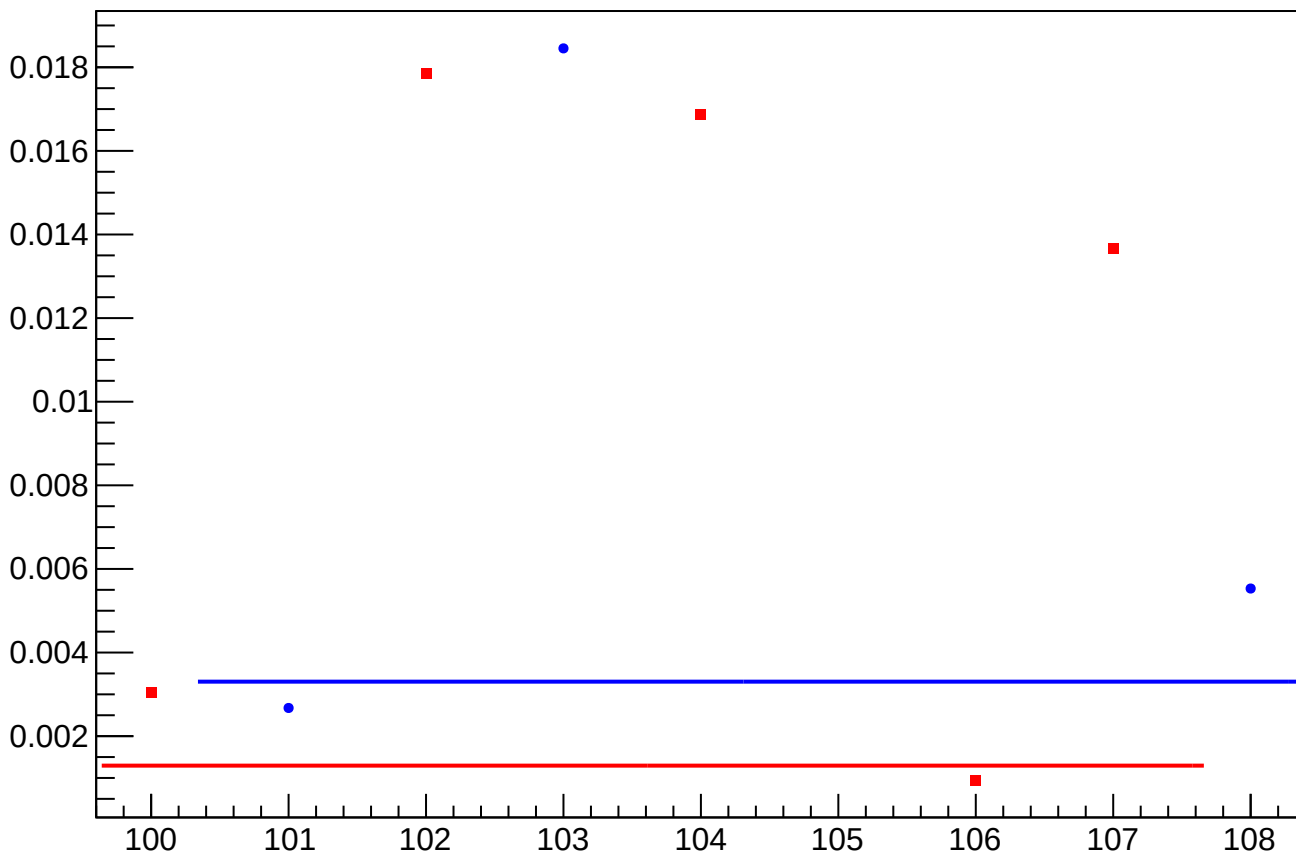
Right: -0.000+/-0.000 χ^2/NDF : 4.7/7

In: 0.000+/-0.000 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.7/7

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1011832.8/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2501890.9/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

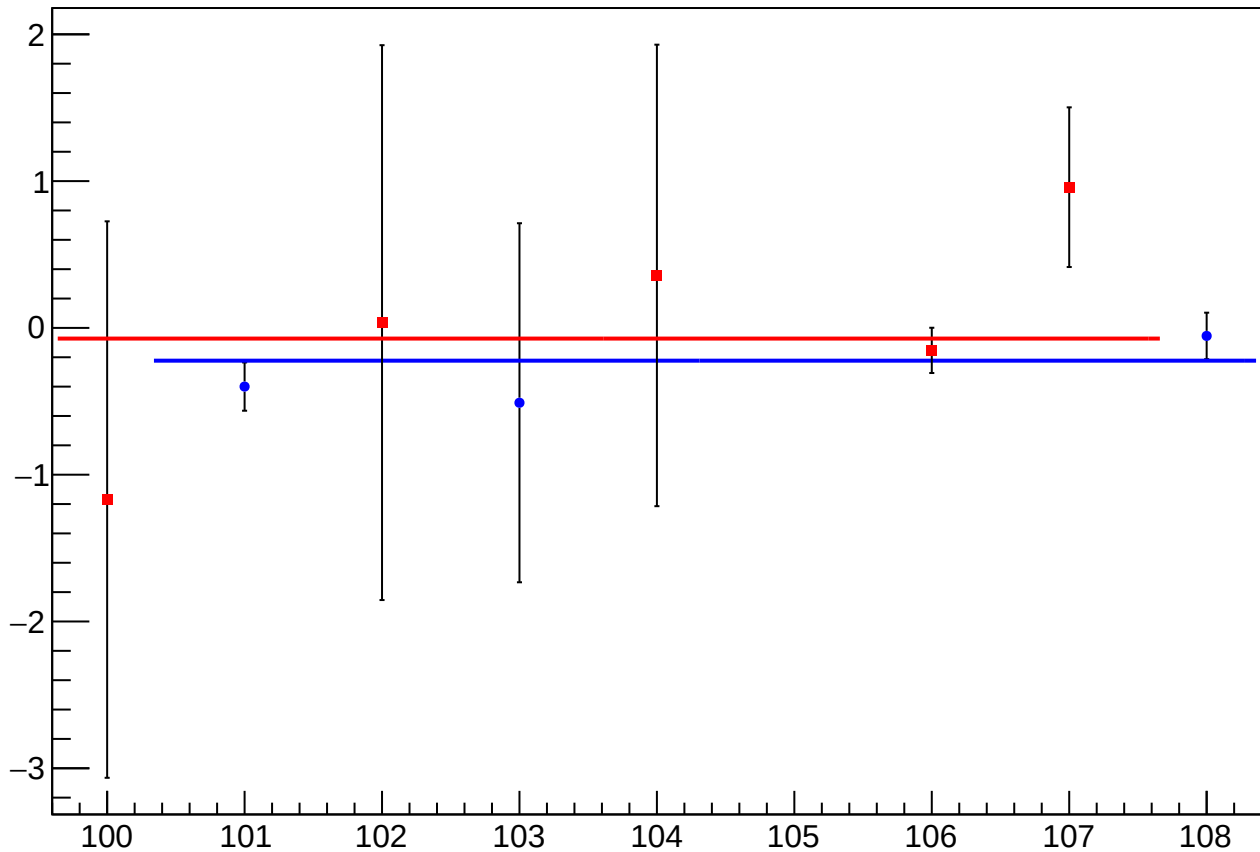
Right: 0.002+/-0.000 χ^2/NDF : 4112701.5/7

In: 0.003+/-0.000 χ^2/NDF :1011832.8/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4112701.5/7

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.223+/-0.114 χ^2/NDF : 2.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.073+/-0.147 χ^2/NDF : 4.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

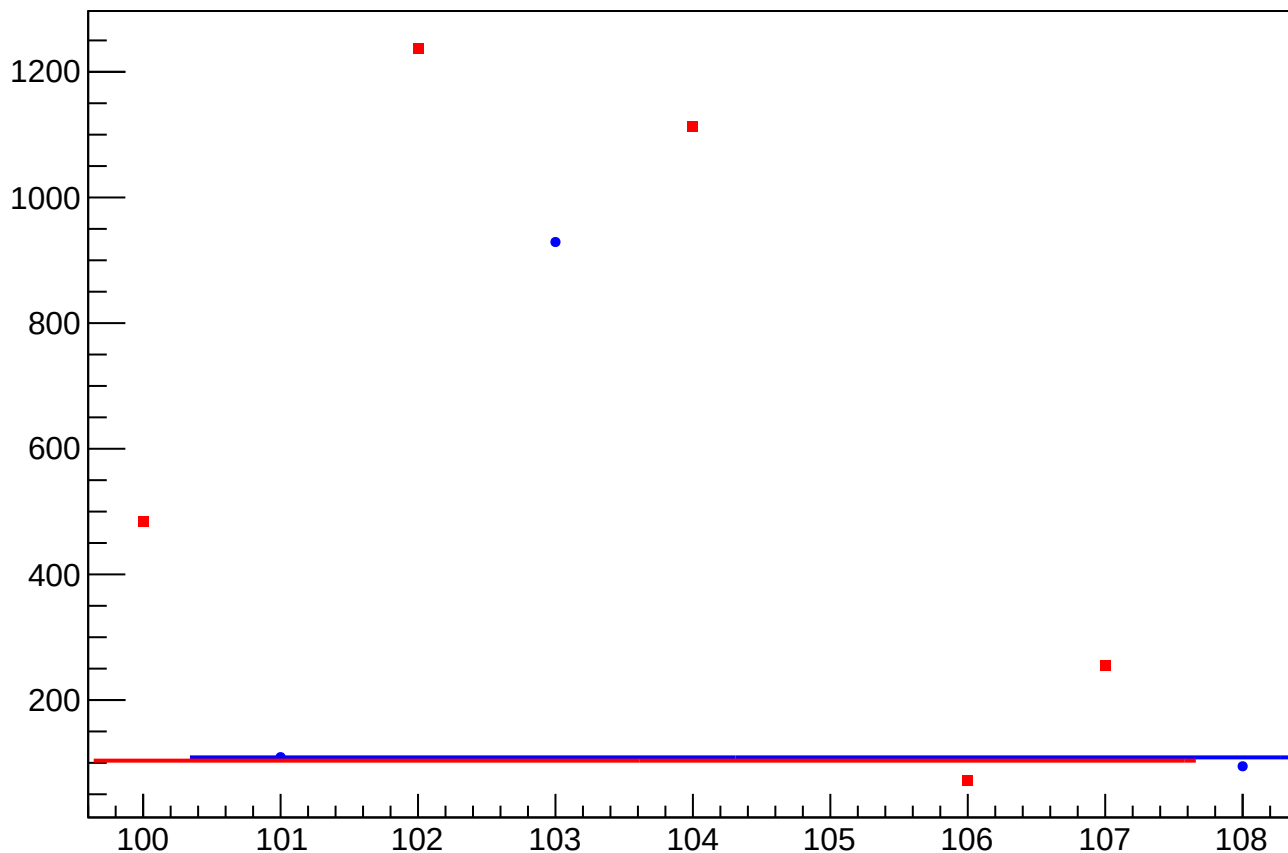
Right: -0.167+/-0.090 χ^2/NDF : 7.3/7

In: -0.223+/-0.114 χ^2/NDF : 2.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.167+/-0.090 χ^2/NDF : 7.3/7

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.709+/-0.080 χ^2/NDF : 915878.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.544+/-0.104 χ^2/NDF : 1867154.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

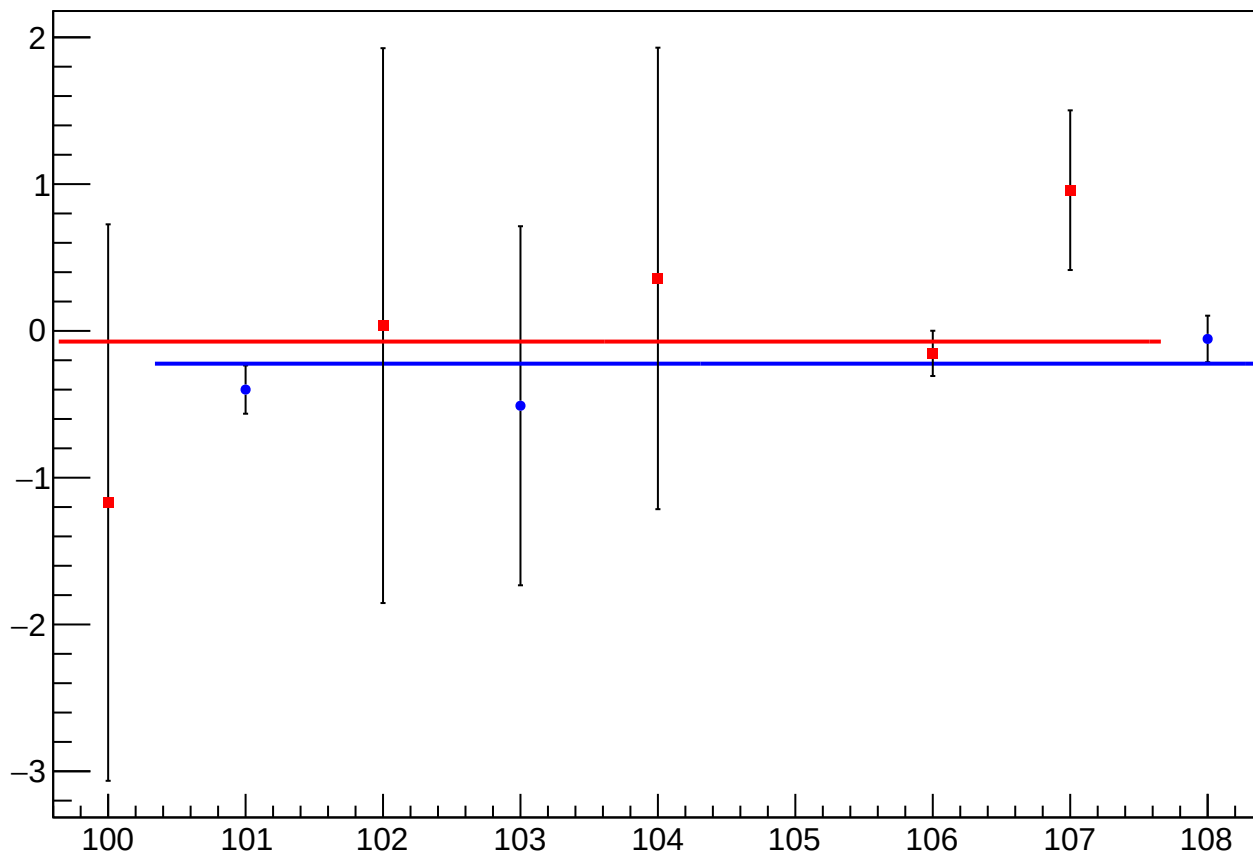
Right: 106.774+/-0.064 χ^2/NDF : 2784582.1/7

In: 108.709+/-0.080 χ^2/NDF : 915878.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.774+/-0.064 χ^2/NDF : 2784582.1/7

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.223+/-0.114 χ^2/NDF : 2.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.073+/-0.147 χ^2/NDF : 4.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

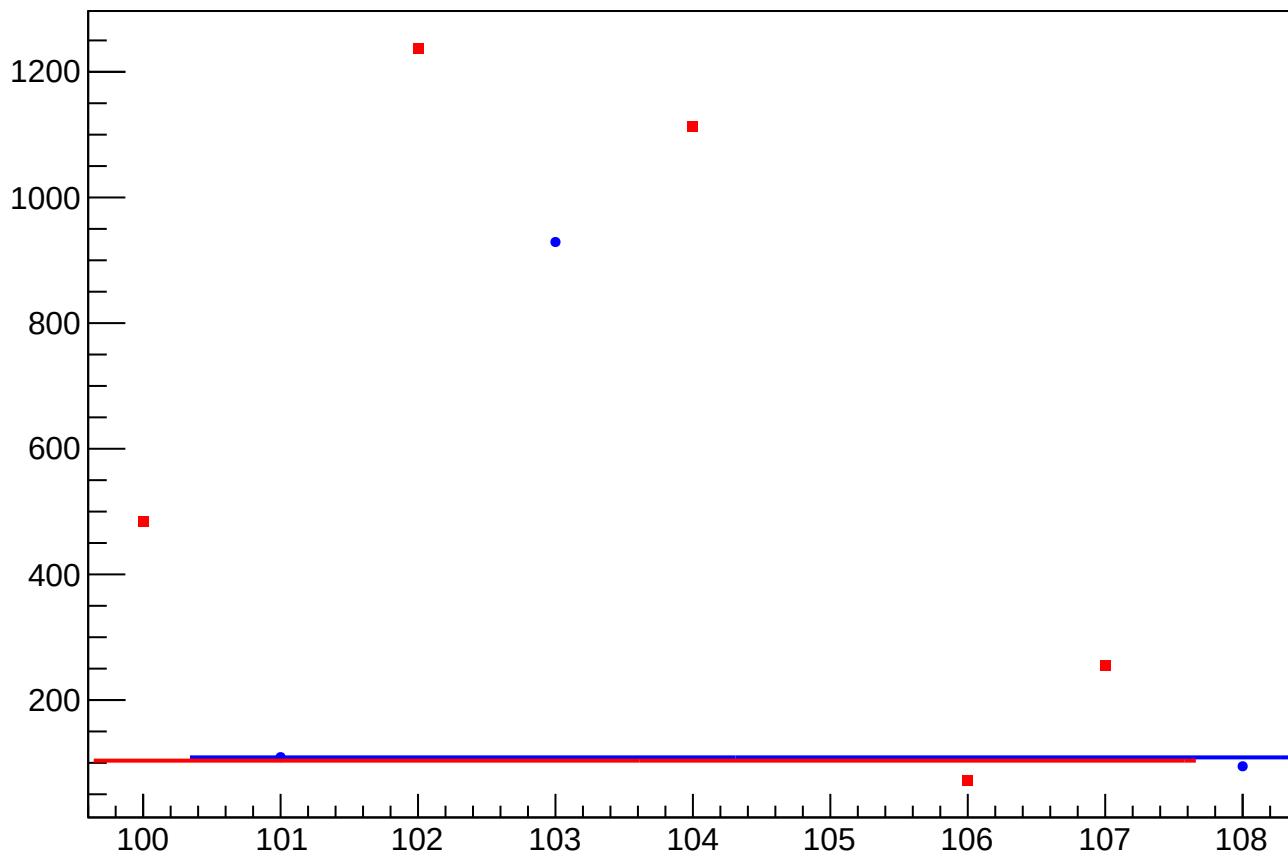
Right: -0.167+/-0.090 χ^2/NDF : 7.3/7

In: -0.223+/-0.114 χ^2/NDF : 2.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.167+/-0.090 χ^2/NDF : 7.3/7

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.709+/-0.080 χ^2/NDF : 915878.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.544+/-0.104 χ^2/NDF : 1867154.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

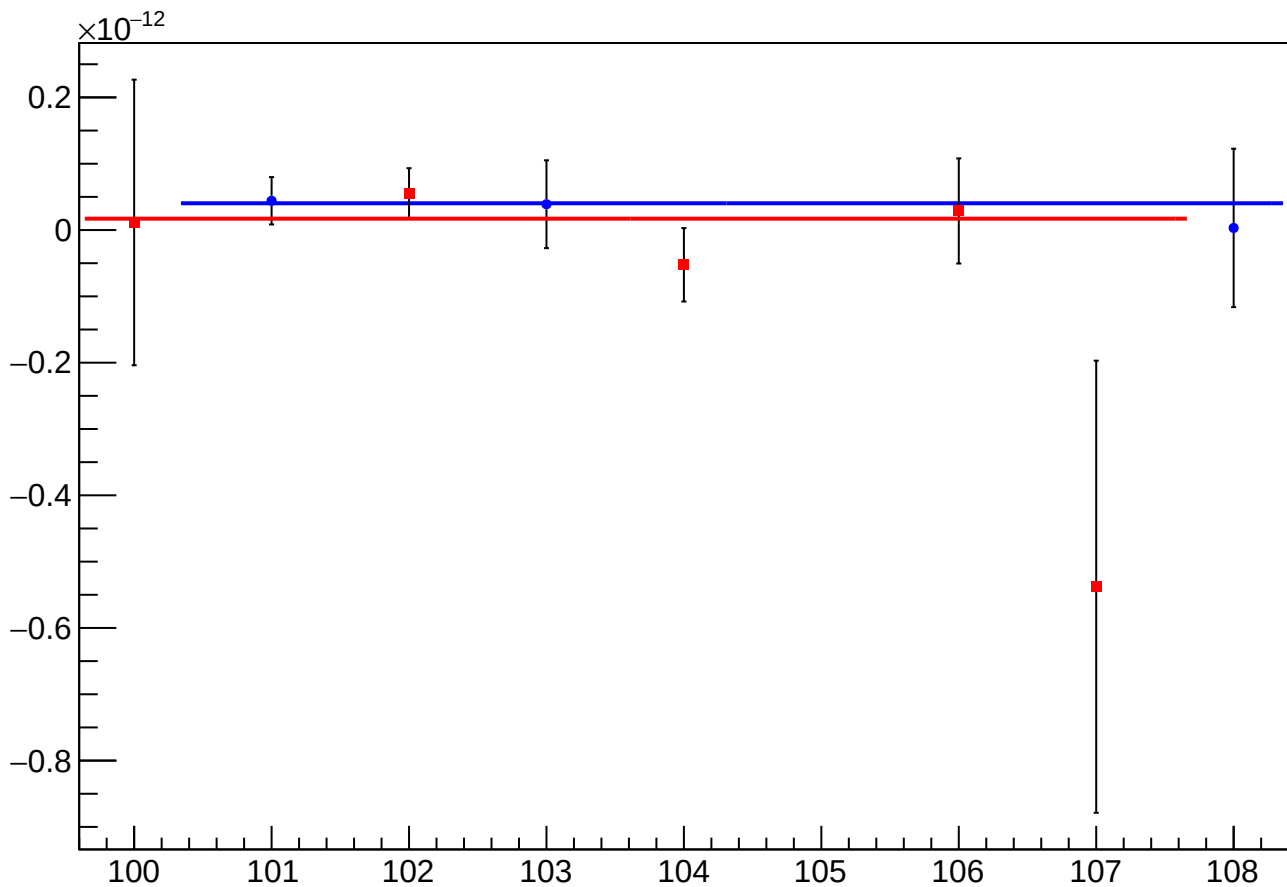
Right: 106.774+/-0.064 χ^2/NDF : 2784582.1/7

In: 108.709+/-0.080 χ^2/NDF : 915878.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.774+/-0.064 χ^2/NDF : 2784582.1/7

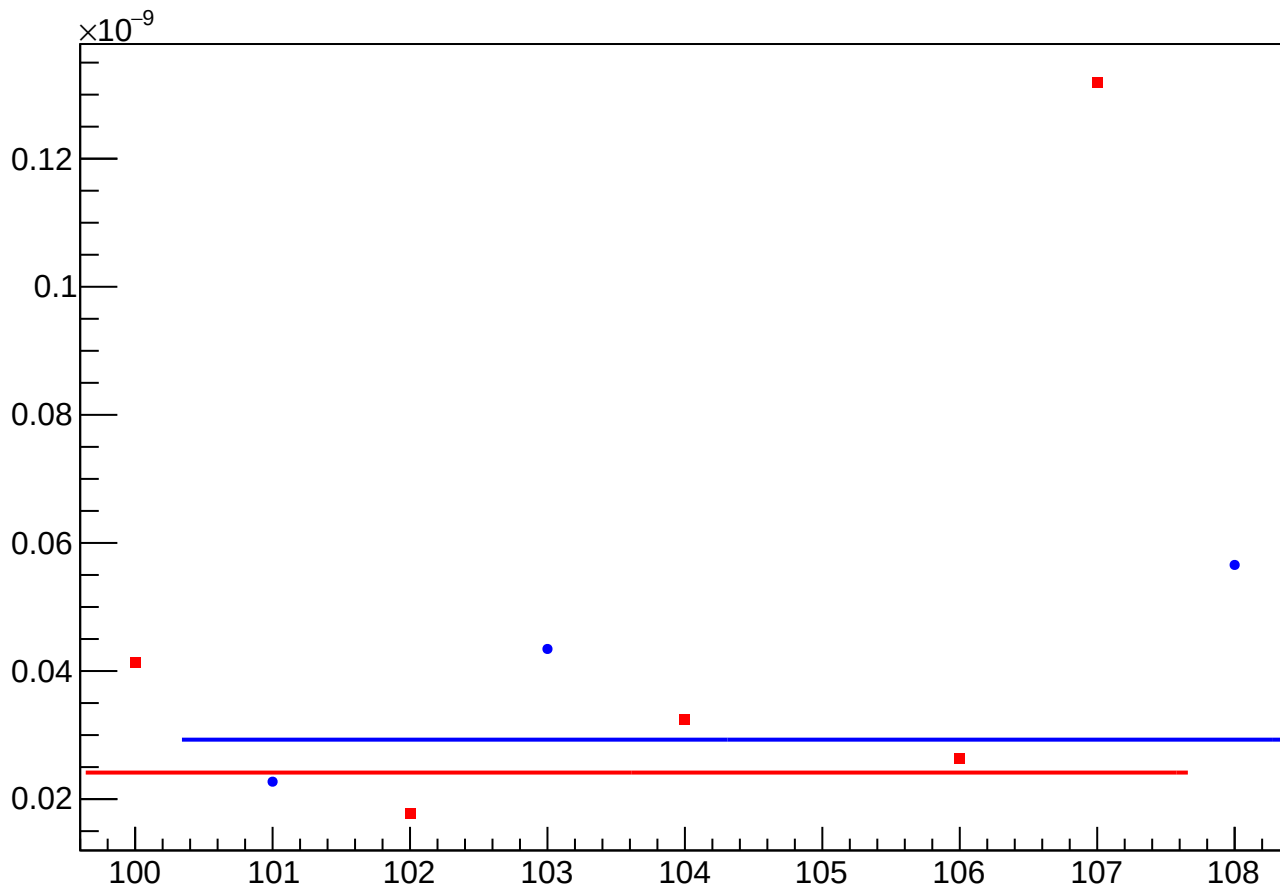
asym_us_avg_at1lr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.1/2
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.2/4
 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: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.6/7
 In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.1/2
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.6/7

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 : 263247.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 315452.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

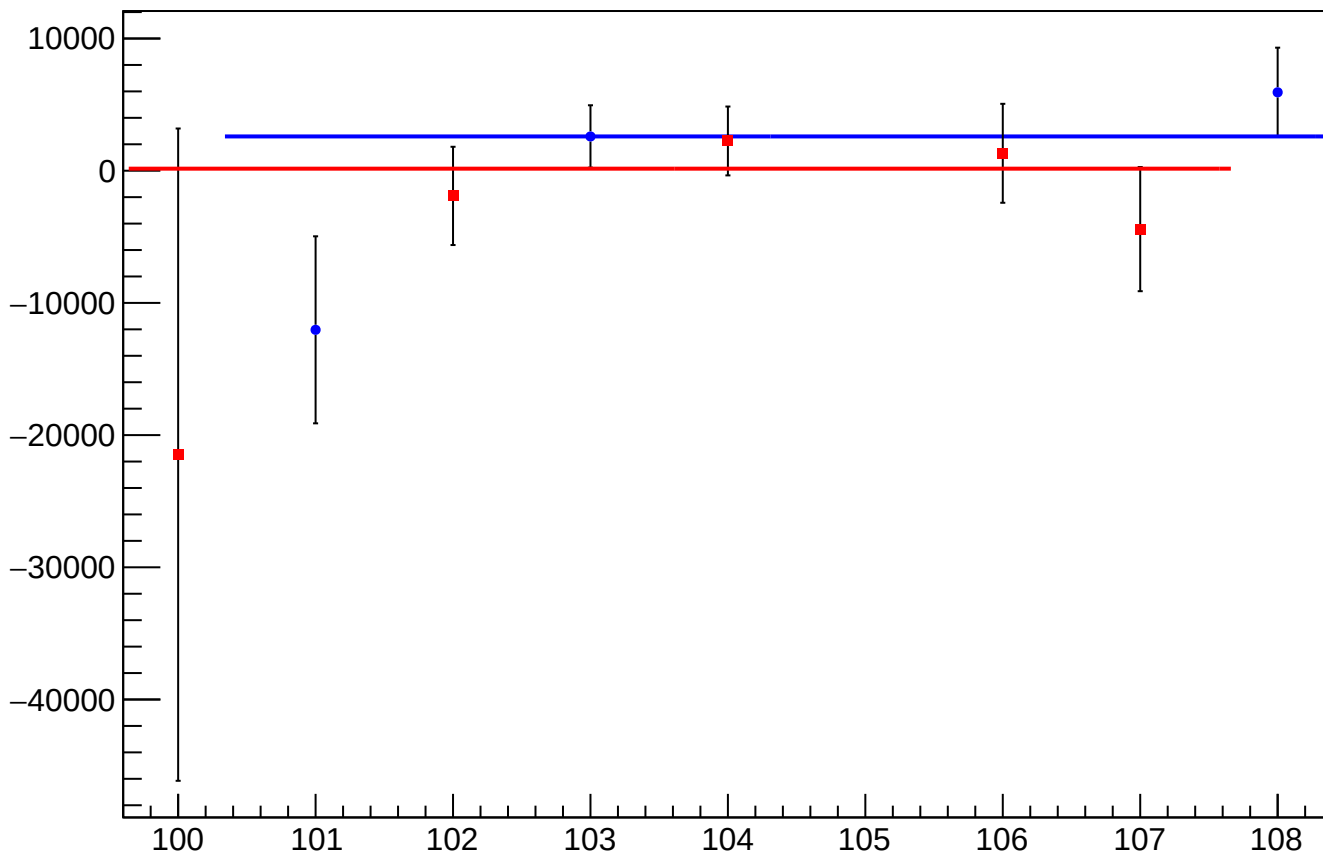
Right: 0.000+/-0.000 χ^2/NDF : 608716.1/7

In: 0.000+/-0.000 χ^2/NDF : 263247.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 608716.1/7

reg_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 2593.276+/-1865.777 χ^2 /NDF: 5.3/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 154.965+/-1719.472 χ^2 /NDF: 2.8/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

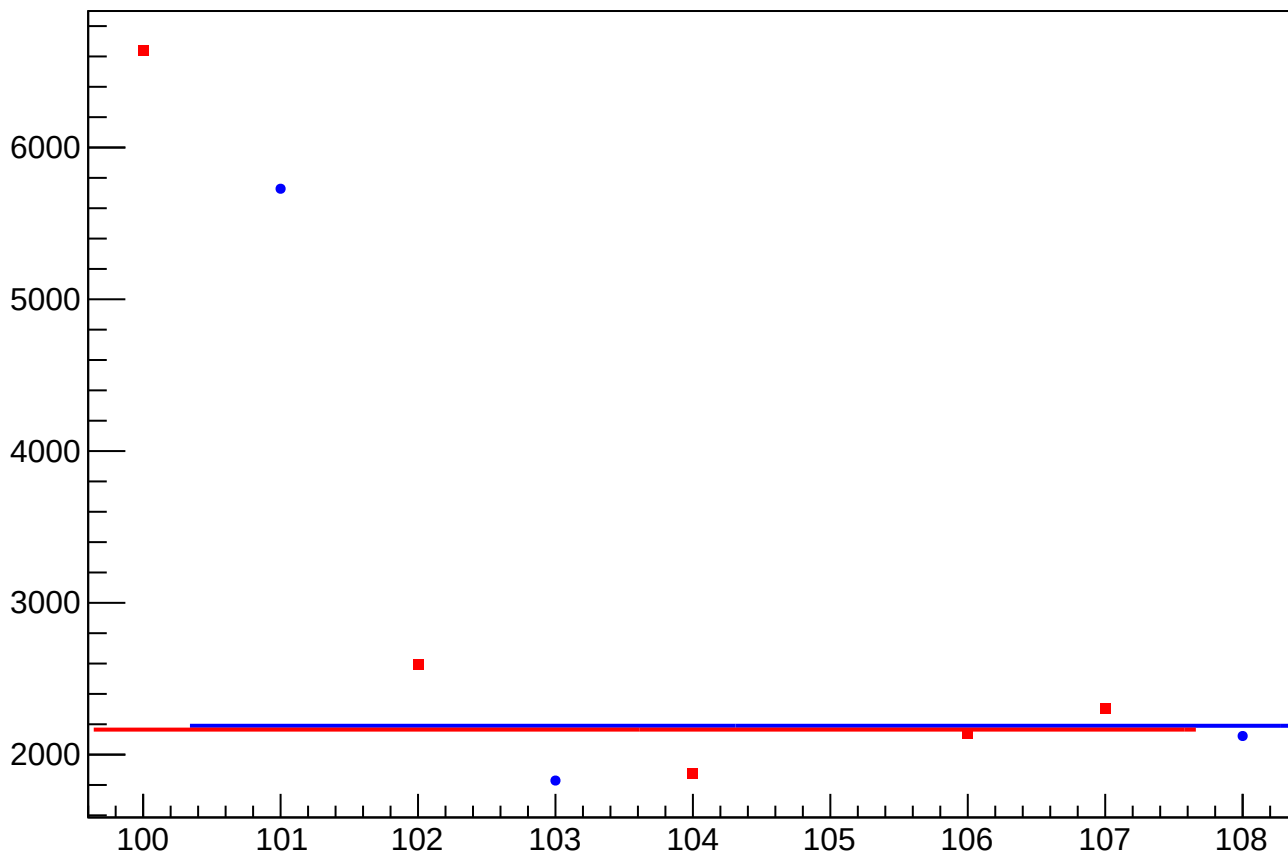
Right: 1274.784+/-1264.414 χ^2 /NDF: 8.9/7

In: 2593.276+/-1865.777 χ^2 /NDF:5.3/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1274.784+/-1264.414 χ^2 /NDF: 8.9/7

reg_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2190.024+/-1.319 χ^2/NDF : 547928.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2164.772+/-1.216 χ^2/NDF : 119729.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

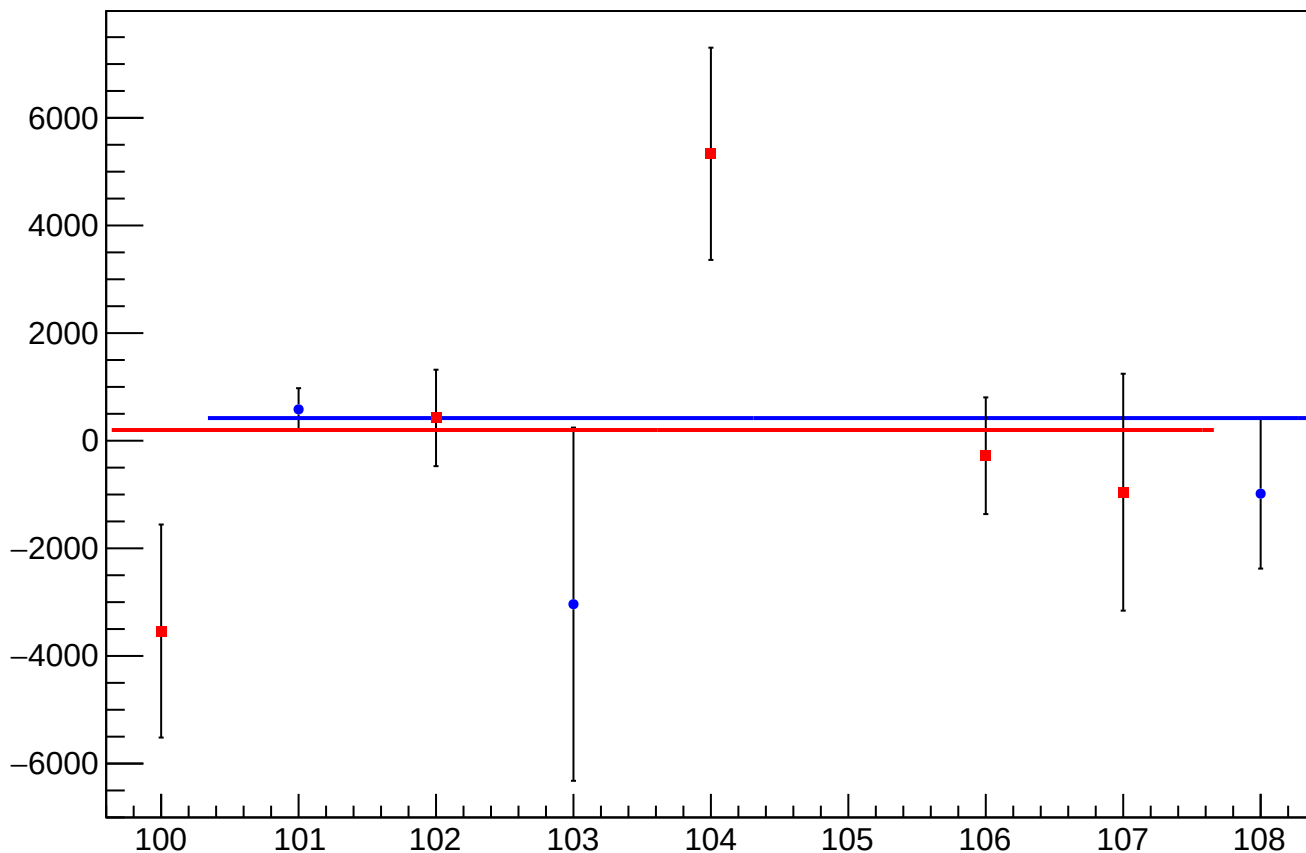
Right: 2176.369+/-0.894 χ^2/NDF : 667855.7/7

In: 2190.024+/-1.319 χ^2/NDF : 547928.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2176.369+/-0.894 χ^2/NDF : 667855.7/7

asym_us_avg_at1lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 420.852+/-376.155 χ^2/NDF : 2.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 199.360+/-596.132 χ^2/NDF : 10.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

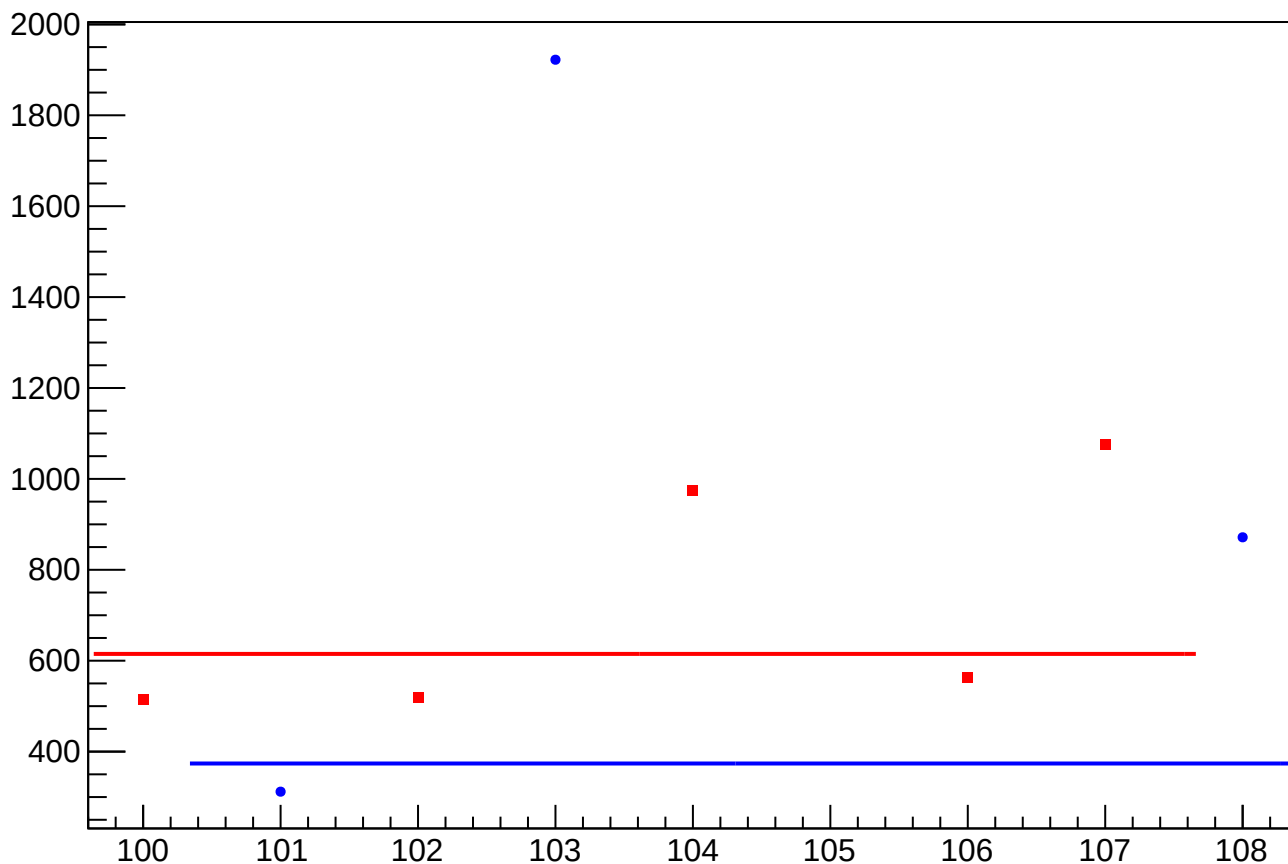
Right: 357.778+/-318.119 χ^2/NDF : 13.3/7

In: 420.852+/-376.155 χ^2/NDF : 2.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 357.778+/-318.119 χ^2/NDF : 13.3/7

asym_us_avg_at1lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 373.830+/-0.266 χ^2/NDF : 750162.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 614.938+/-0.422 χ^2/NDF : 186276.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

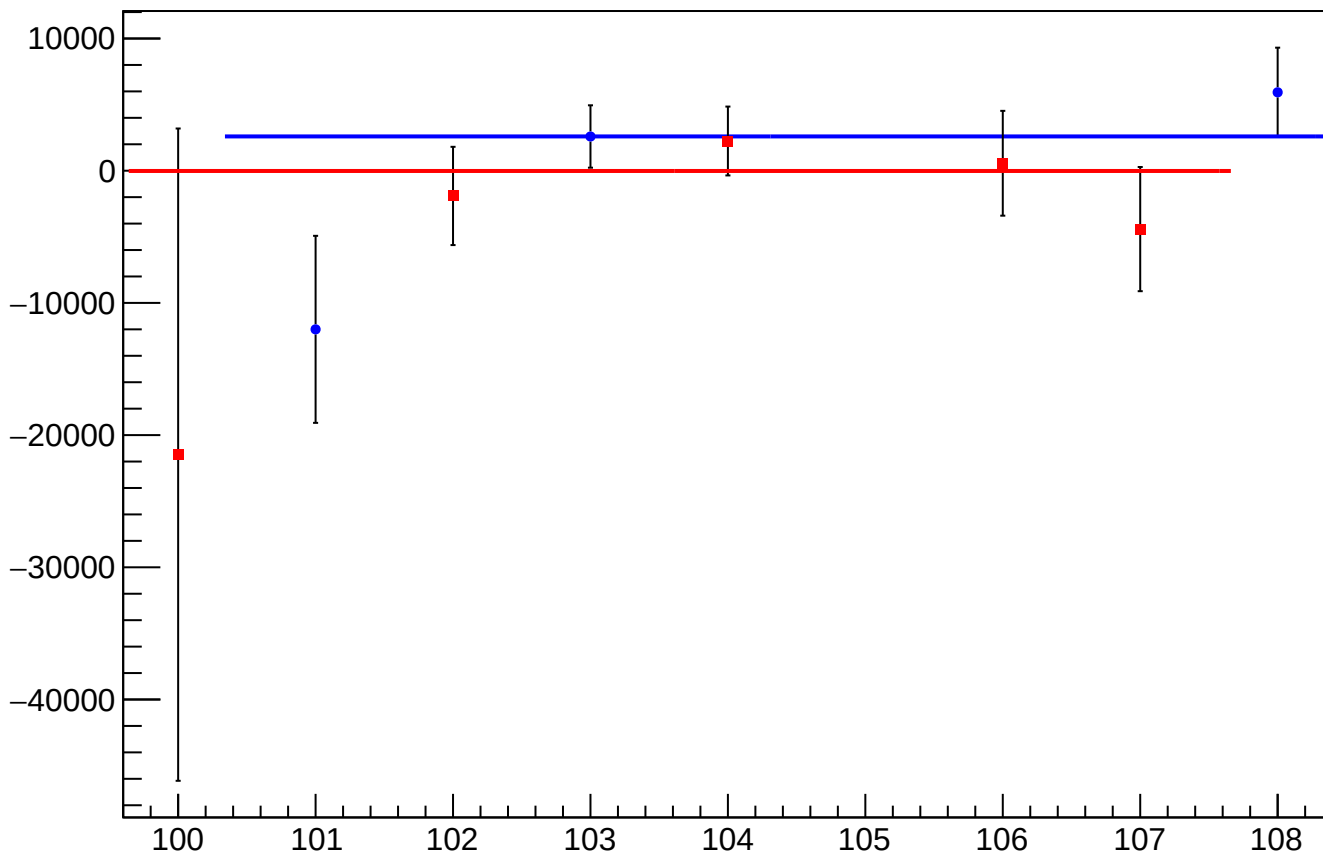
Right: 442.490+/-0.225 χ^2/NDF : 1170439.4/7

In: 373.830+/-0.266 χ^2/NDF : 750162.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 442.490+/-0.225 χ^2/NDF : 1170439.4/7

cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 2593.894+/-1865.779 χ^2/NDF : 5.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -19.627+/-1739.588 χ^2/NDF : 2.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

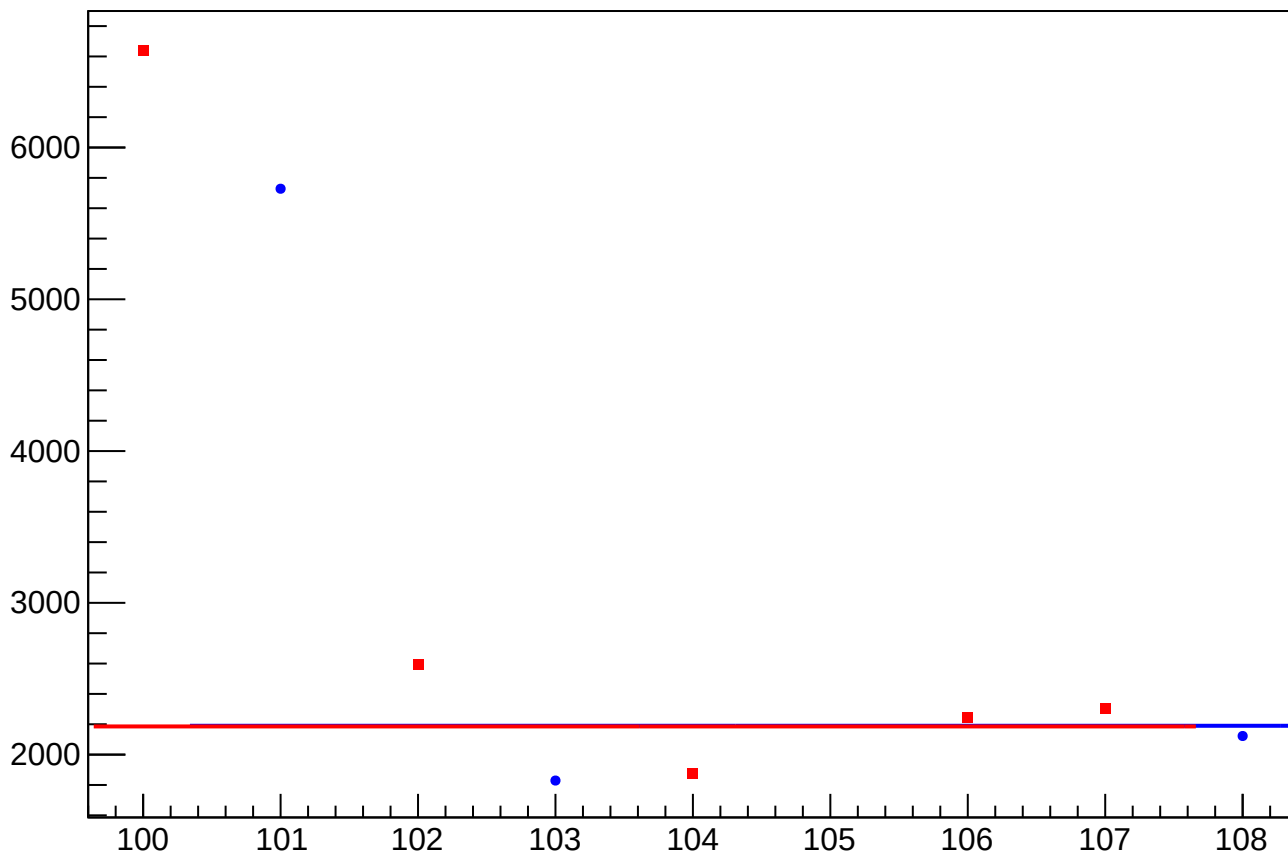
Right: 1195.770+/-1272.349 χ^2/NDF : 9.0/7

In: 2593.894+/-1865.779 χ^2/NDF : 5.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1195.770+/-1272.349 χ^2/NDF : 9.0/7

cor_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2190.023+/-1.319 χ^2/NDF : 547928.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2185.672+/-1.230 χ^2/NDF : 120076.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

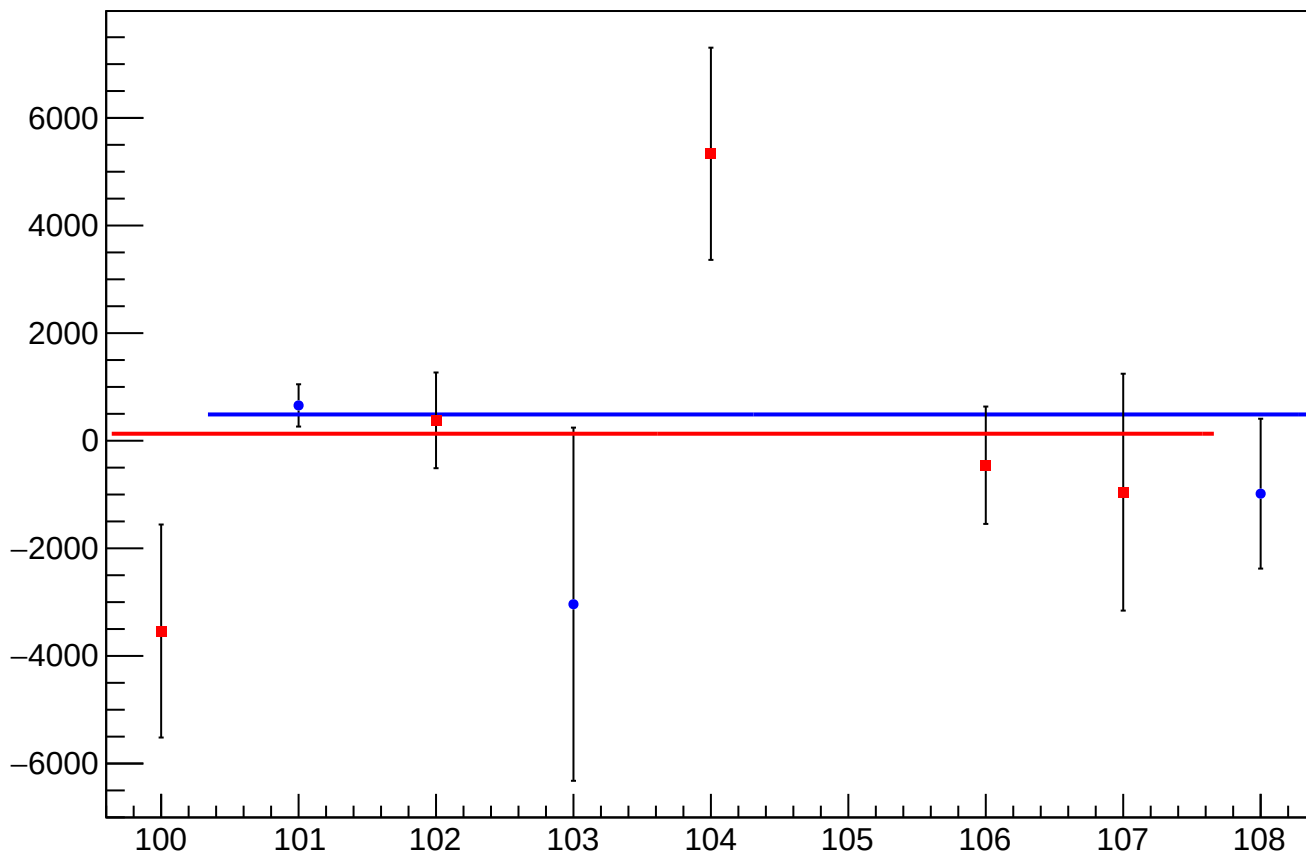
Right: 2187.696+/-0.900 χ^2/NDF : 668010.9/7

In: 2190.023+/-1.319 χ^2/NDF : 547928.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2187.696+/-0.900 χ^2/NDF : 668010.9/7

asym_us_avg_at1lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 488.381+/-375.775 χ^2/NDF : 2.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.125+/-595.144 χ^2/NDF : 11.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

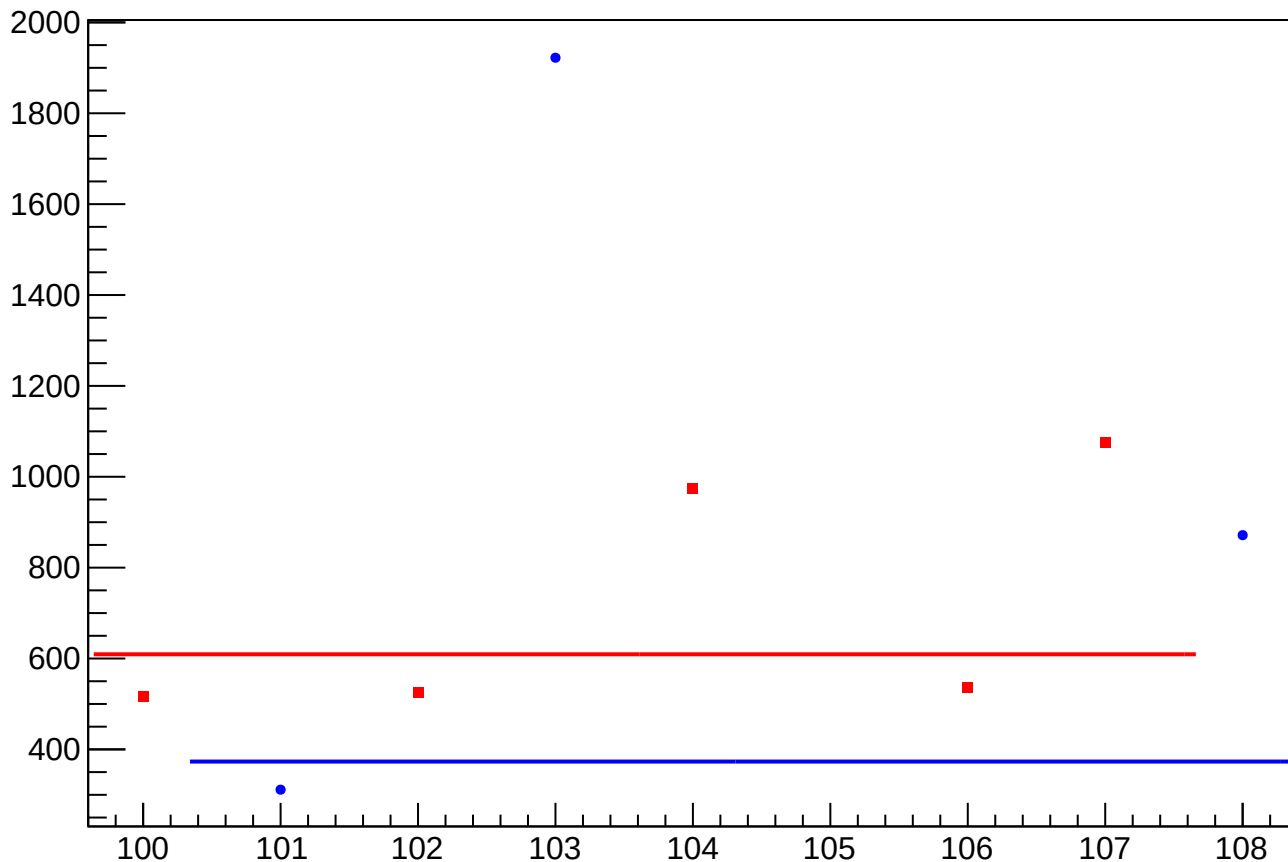
Right: 386.266+/-317.739 χ^2/NDF : 13.7/7

In: 488.381+/-375.775 χ^2/NDF : 2.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 386.266+/-317.739 χ^2/NDF : 13.7/7

asym_us_avg_at1lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 373.247+/-0.266 χ^2/NDF : 751029.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 609.303+/-0.421 χ^2/NDF : 189380.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

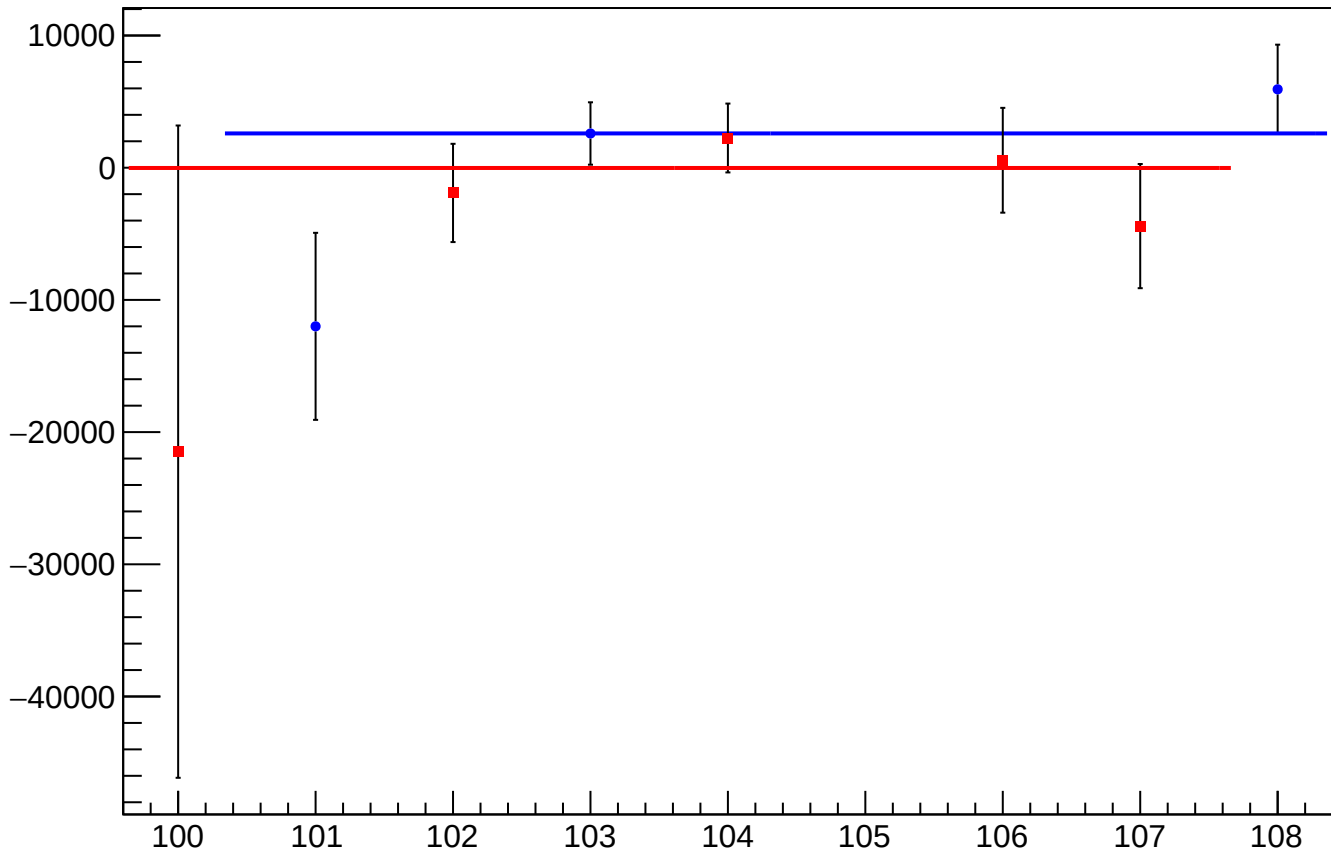
Right: 440.531+/-0.225 χ^2/NDF : 1165367.3/7

In: 373.247+/-0.266 χ^2/NDF : 751029.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 440.531+/-0.225 χ^2/NDF : 1165367.3/7

eigen_cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 2593.894+/-1865.779 χ^2/NDF : 5.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -19.627+/-1739.588 χ^2/NDF : 2.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

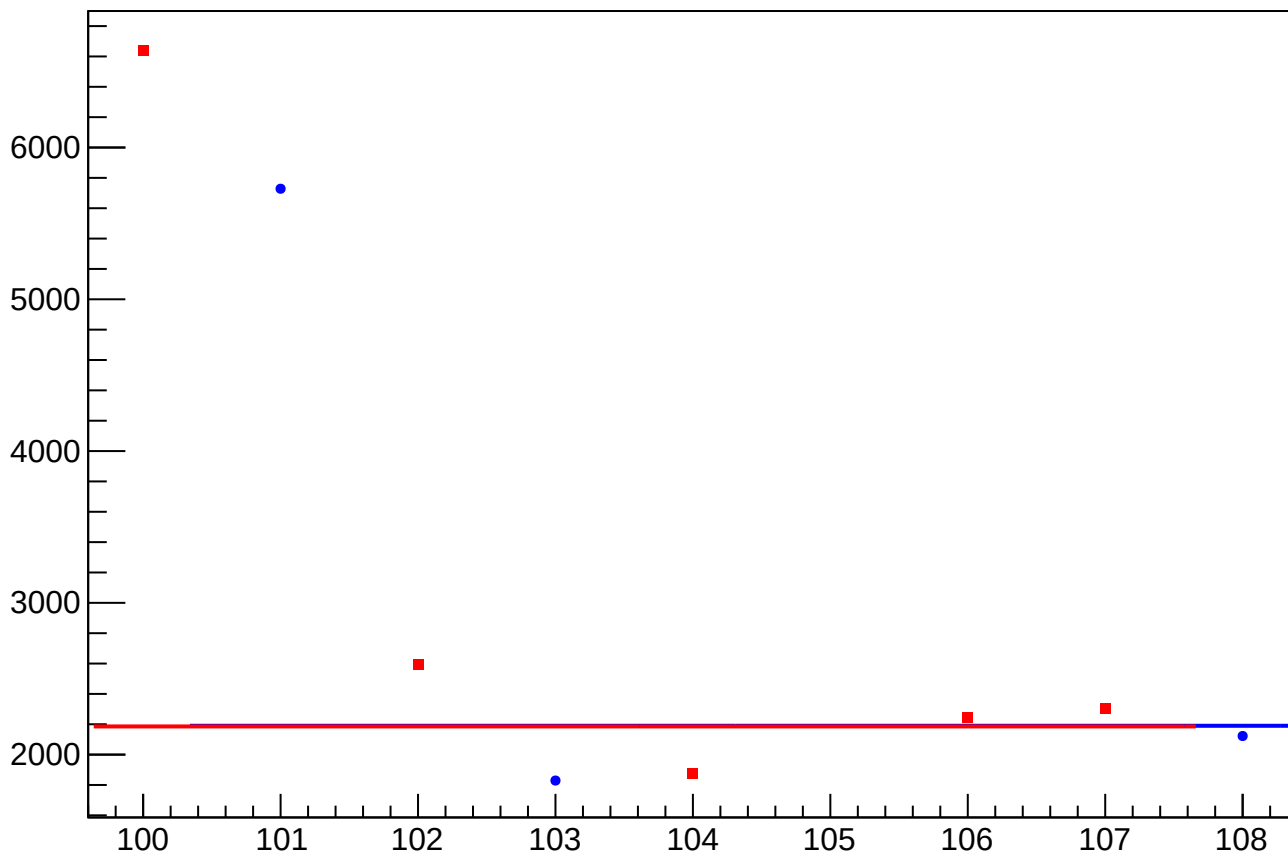
Right: 1195.770+/-1272.349 χ^2/NDF : 9.0/7

In: 2593.894+/-1865.779 χ^2/NDF : 5.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1195.770+/-1272.349 χ^2/NDF : 9.0/7

eigen_cor_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2190.023+/-1.319 χ^2/NDF : 547928.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2185.672+/-1.230 χ^2/NDF : 120076.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

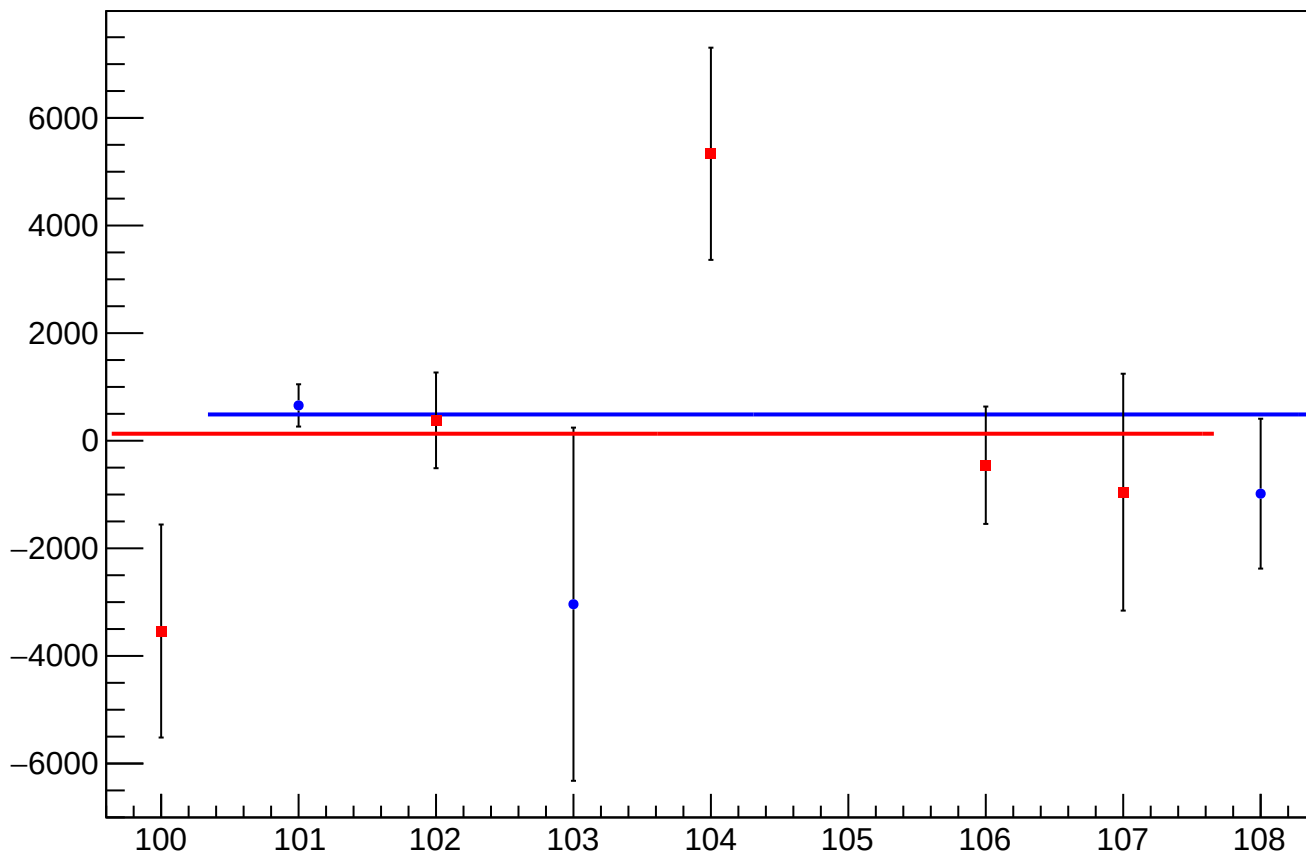
Right: 2187.696+/-0.900 χ^2/NDF : 668010.9/7

In: 2190.023+/-1.319 χ^2/NDF : 547928.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2187.696+/-0.900 χ^2/NDF : 668010.9/7

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 488.381+/-375.775 χ^2/NDF : 2.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.125+/-595.144 χ^2/NDF : 11.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

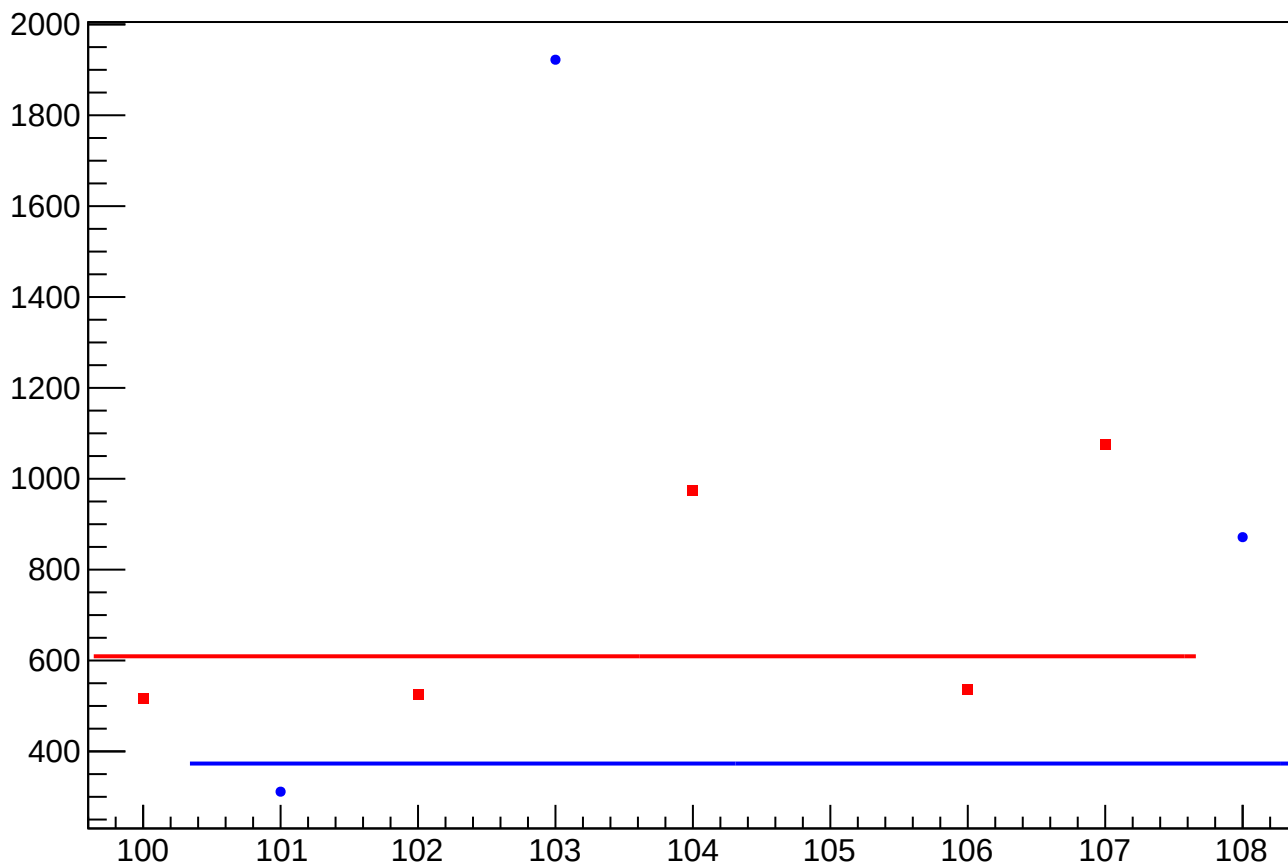
Right: 386.266+/-317.739 χ^2/NDF : 13.7/7

In: 488.381+/-375.775 χ^2/NDF : 2.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 386.266+/-317.739 χ^2/NDF : 13.7/7

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 373.247+/-0.266 χ^2/NDF : 751029.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 609.303+/-0.421 χ^2/NDF : 189380.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

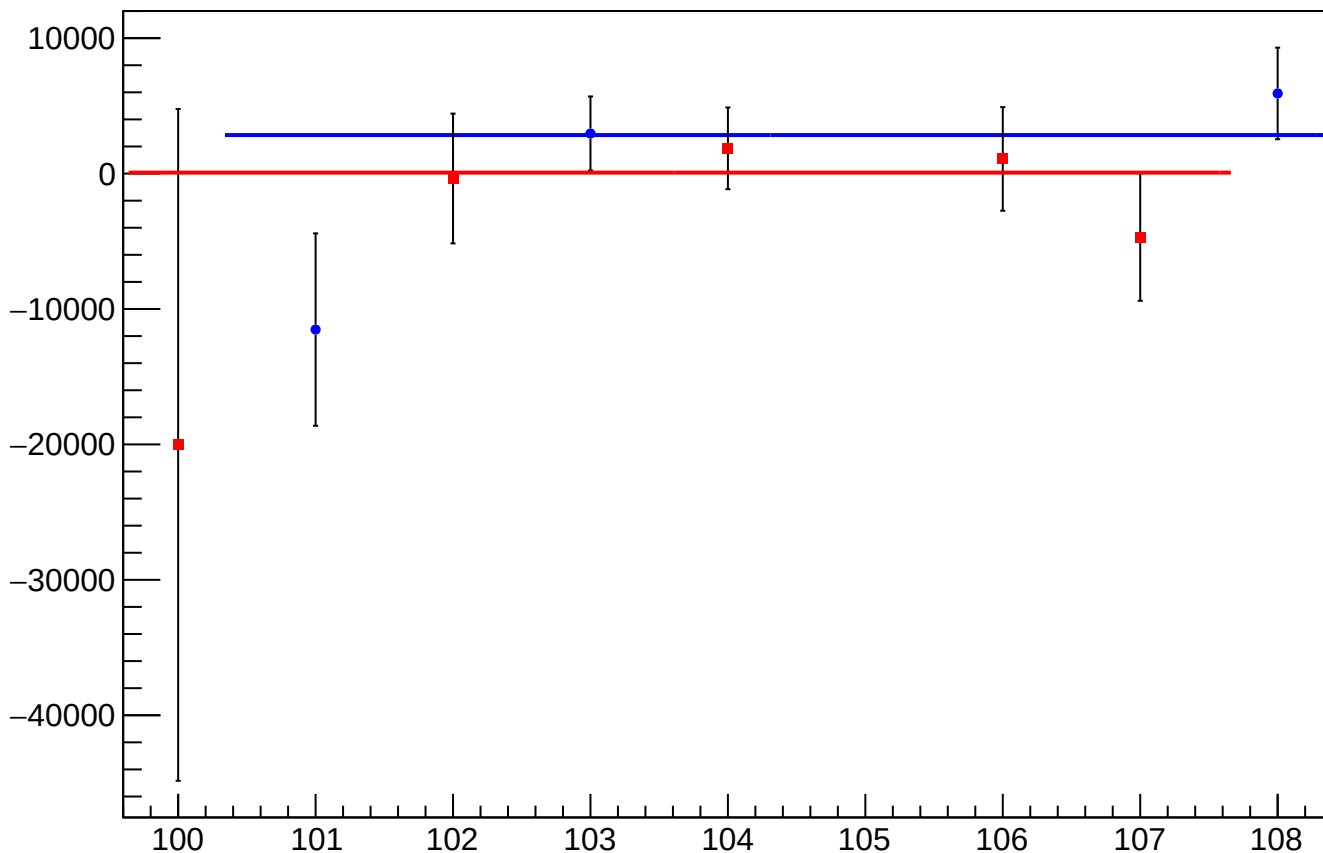
Right: 440.531+/-0.225 χ^2/NDF : 1165367.3/7

In: 373.247+/-0.266 χ^2/NDF : 751029.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 440.531+/-0.225 χ^2/NDF : 1165367.3/7

dit_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 2843.400+/-2036.849 χ^2/NDF : 4.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.448+/-1929.856 χ^2/NDF : 2.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

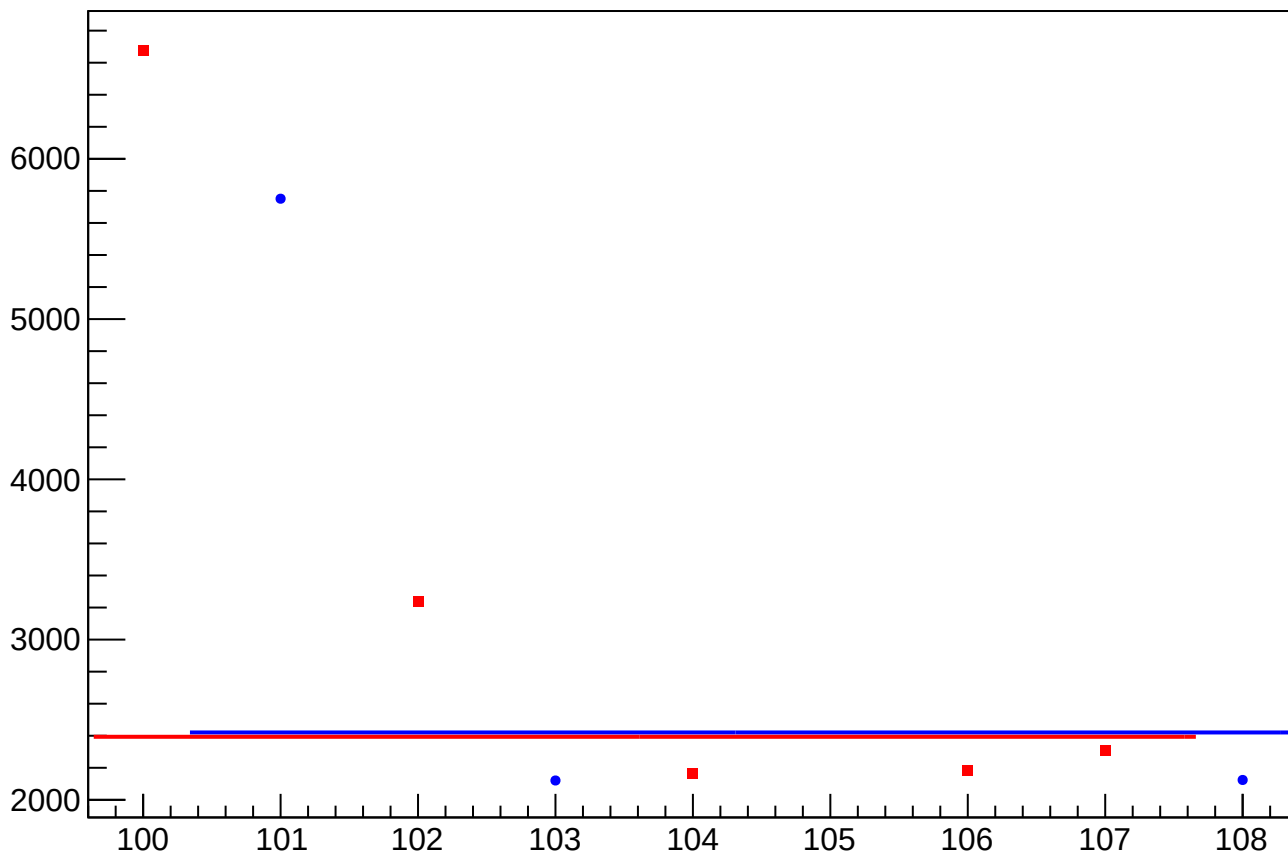
Right: 1381.657+/-1400.912 χ^2/NDF : 8.0/7

In: 2843.400+/-2036.849 χ^2/NDF : 4.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1381.657+/-1400.912 χ^2/NDF : 8.0/7

dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2420.521+/-1.440 χ^2/NDF : 479139.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2393.515+/-1.365 χ^2/NDF : 140209.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

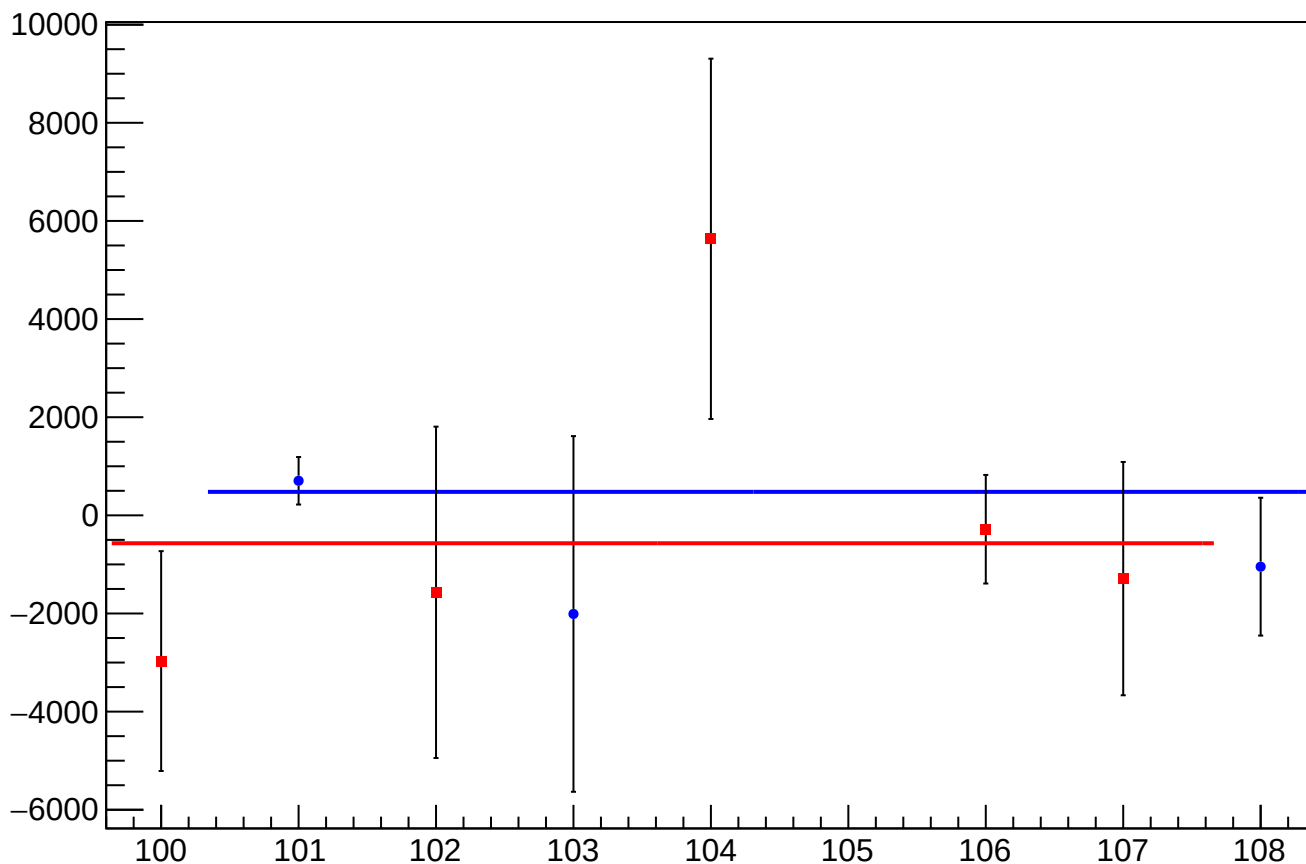
Right: 2406.290+/-0.991 χ^2/NDF : 619534.3/7

In: 2420.521+/-1.440 χ^2/NDF : 479139.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2406.290+/-0.991 χ^2/NDF : 619534.3/7

asym_us_avg_at1lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 478.851+/-454.200 χ^2/NDF : 1.9/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -568.608+/-859.106 χ^2/NDF : 4.3/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

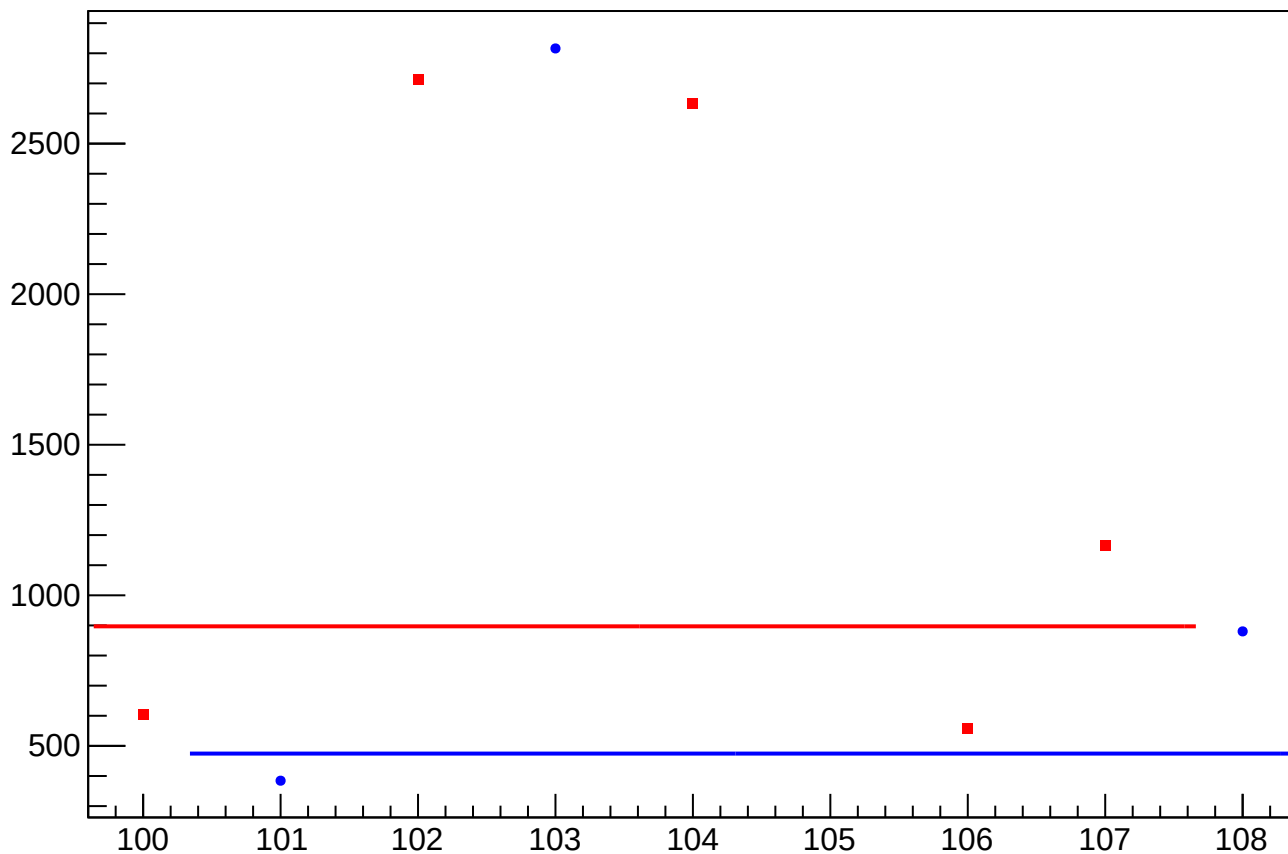
Right: 250.031+/-401.536 χ^2/NDF : 7.3/7

In: 478.851+/-454.200 χ^2/NDF :1.9/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 250.031+/-401.536 χ^2/NDF : 7.3/7

asym_us_avg_at1lr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 474.420+/-0.321 χ^2/NDF : 1070949.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 896.987+/-0.607 χ^2/NDF : 1274552.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

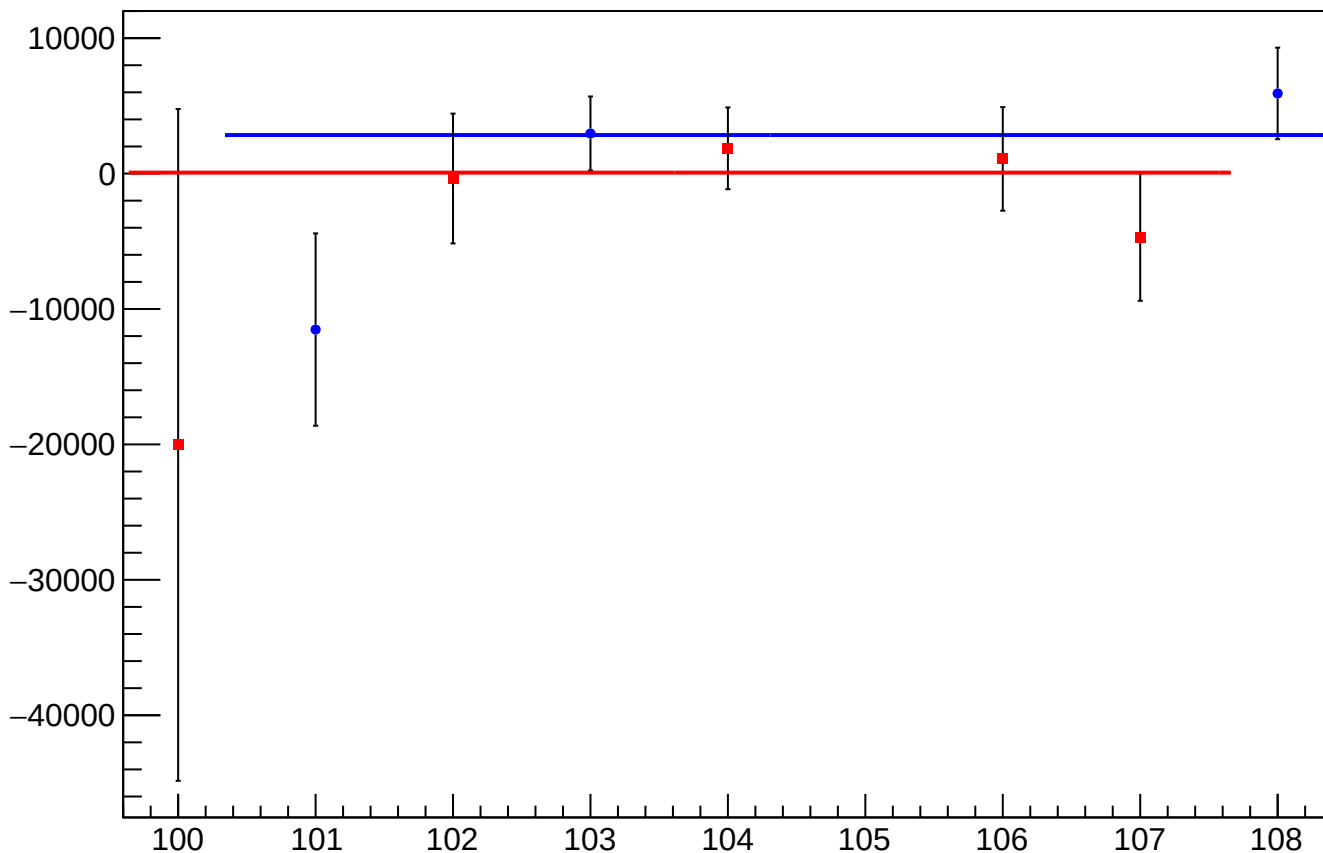
Right: 566.731+/-0.284 χ^2/NDF : 2723670.0/7

In: 474.420+/-0.321 χ^2/NDF : 1070949.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 566.731+/-0.284 χ^2/NDF : 2723670.0/7

eigen_dit_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 2843.401+/-2036.848 χ^2/NDF : 4.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.448+/-1929.855 χ^2/NDF : 2.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

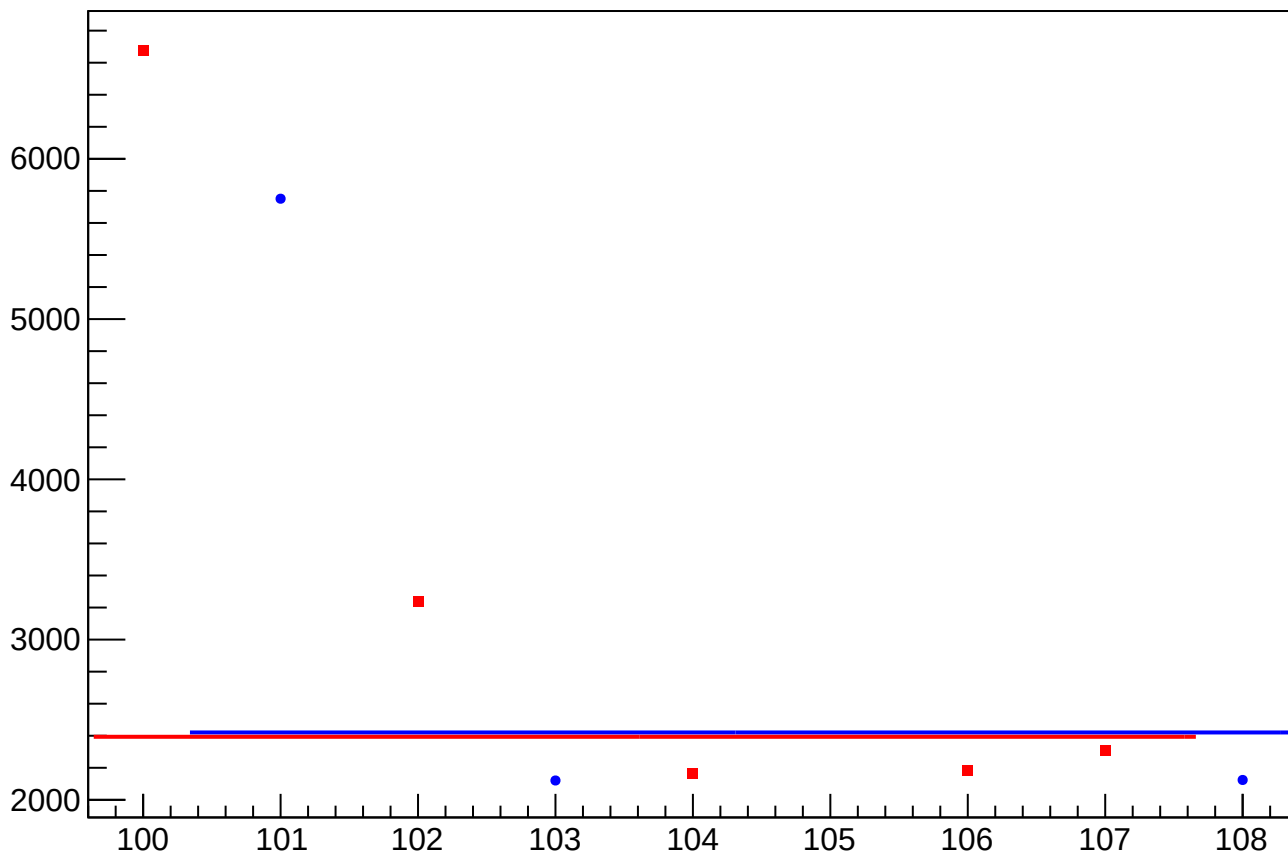
Right: 1381.658+/-1400.911 χ^2/NDF : 8.0/7

In: 2843.401+/-2036.848 χ^2/NDF : 4.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1381.658+/-1400.911 χ^2/NDF : 8.0/7

eigen_dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2420.520+/-1.440 χ^2/NDF : 479139.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2393.513+/-1.365 χ^2/NDF : 140209.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

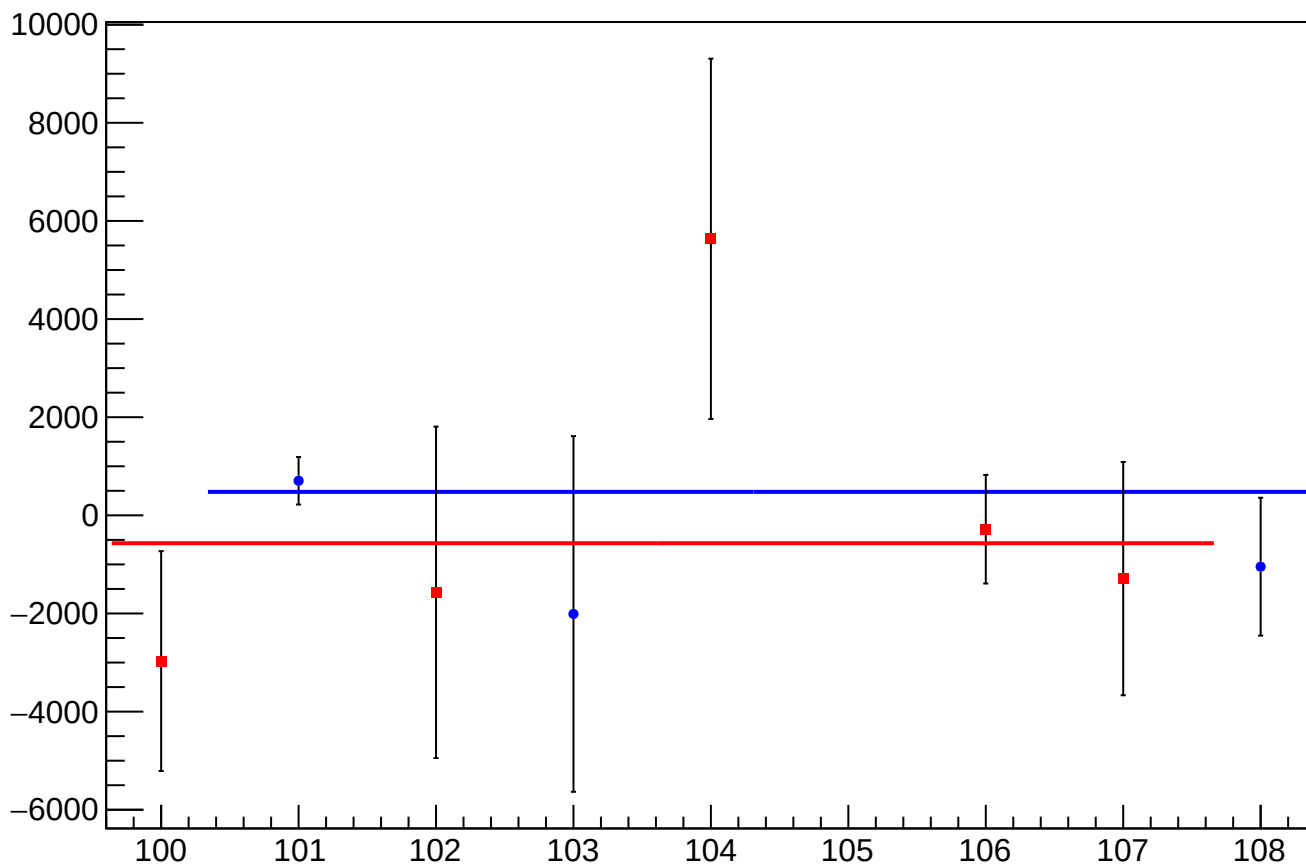
Right: 2406.288+/-0.991 χ^2/NDF : 619534.5/7

In: 2420.520+/-1.440 χ^2/NDF : 479139.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2406.288+/-0.991 χ^2/NDF : 619534.5/7

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 478.850+/-454.200 χ^2/NDF : 1.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -568.616+/-859.106 χ^2/NDF : 4.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

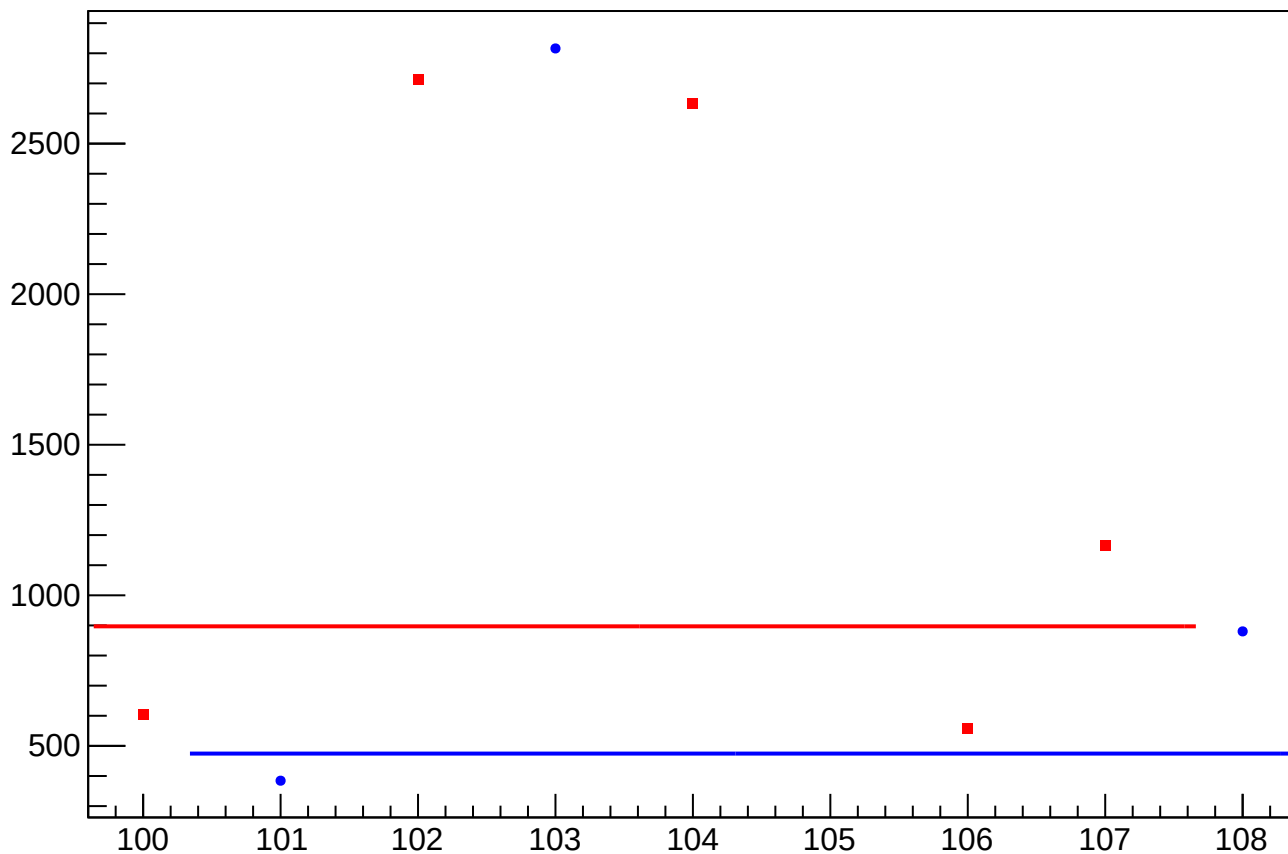
Right: 250.029+/-401.537 χ^2/NDF : 7.3/7

In: 478.850+/-454.200 χ^2/NDF : 1.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 250.029+/-401.537 χ^2/NDF : 7.3/7

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 474.420+/-0.321 χ^2/NDF : 1070948.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 896.987+/-0.607 χ^2/NDF : 1274556.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

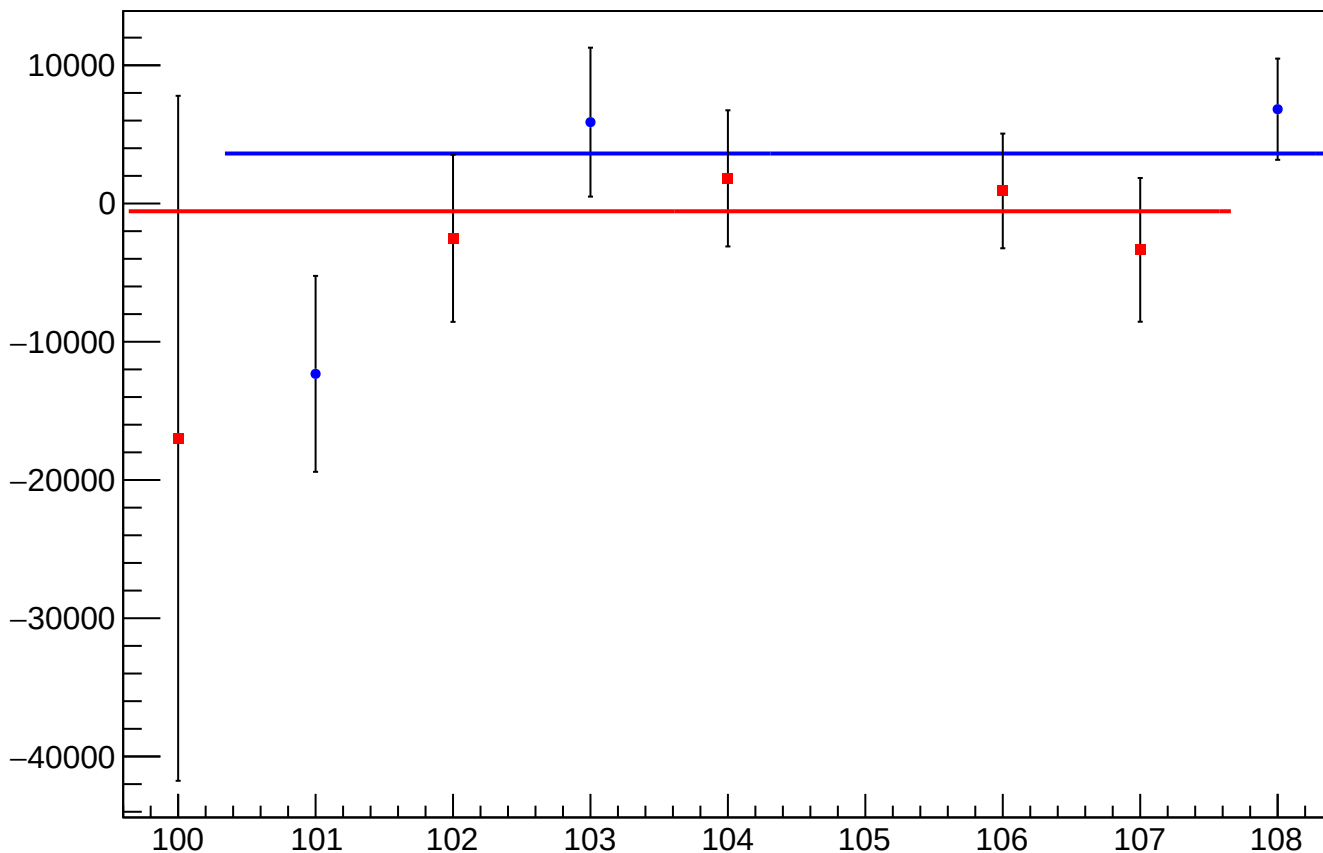
Right: 566.731+/-0.284 χ^2/NDF : 2723671.4/7

In: 474.420+/-0.321 χ^2/NDF : 1070948.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 566.731+/-0.284 χ^2/NDF : 2723671.4/7

asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 3617.657+/-2784.459 χ^2/NDF : 6.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -559.750+/-2459.439 χ^2/NDF : 1.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

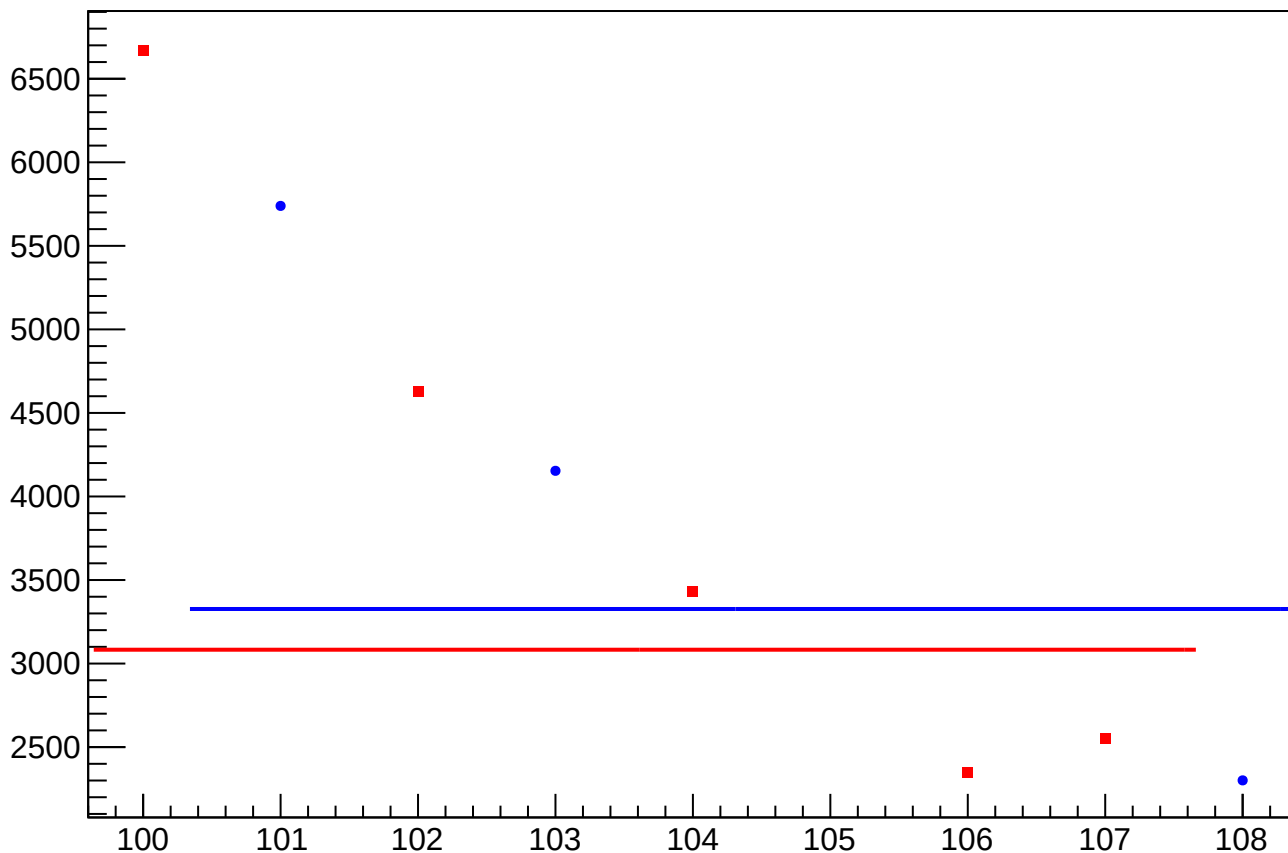
Right: 1271.027+/-1843.338 χ^2/NDF : 8.5/7

In: 3617.657+/-2784.459 χ^2/NDF : 6.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1271.027+/-1843.338 χ^2/NDF : 8.5/7

asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 3326.596+/-1.969 χ^2/NDF : 435850.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3082.871+/-1.739 χ^2/NDF : 266162.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

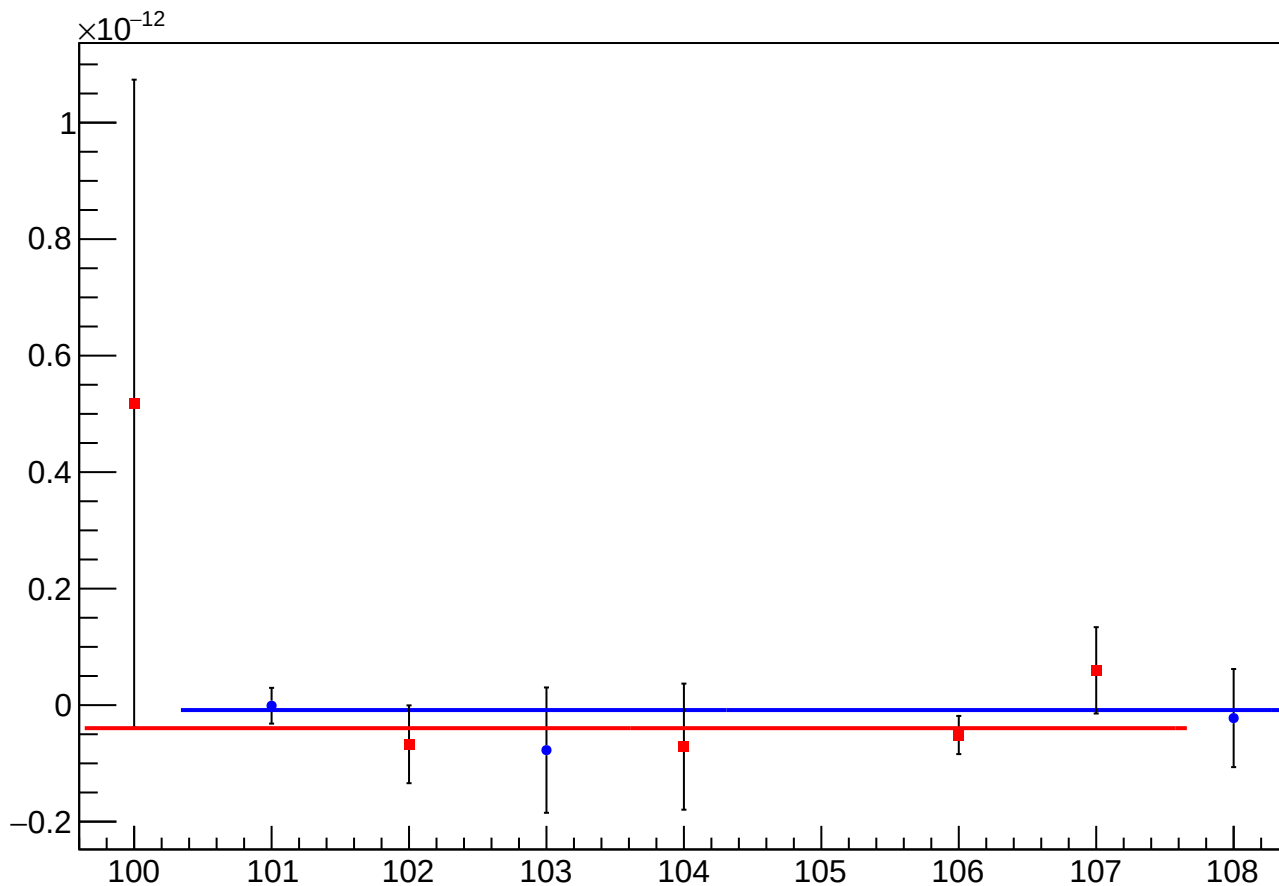
Right: 3189.682+/-1.303 χ^2/NDF : 710620.7/7

In: 3326.596+/-1.969 χ^2/NDF : 435850.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3189.682+/-1.303 χ^2/NDF : 710620.7/7

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

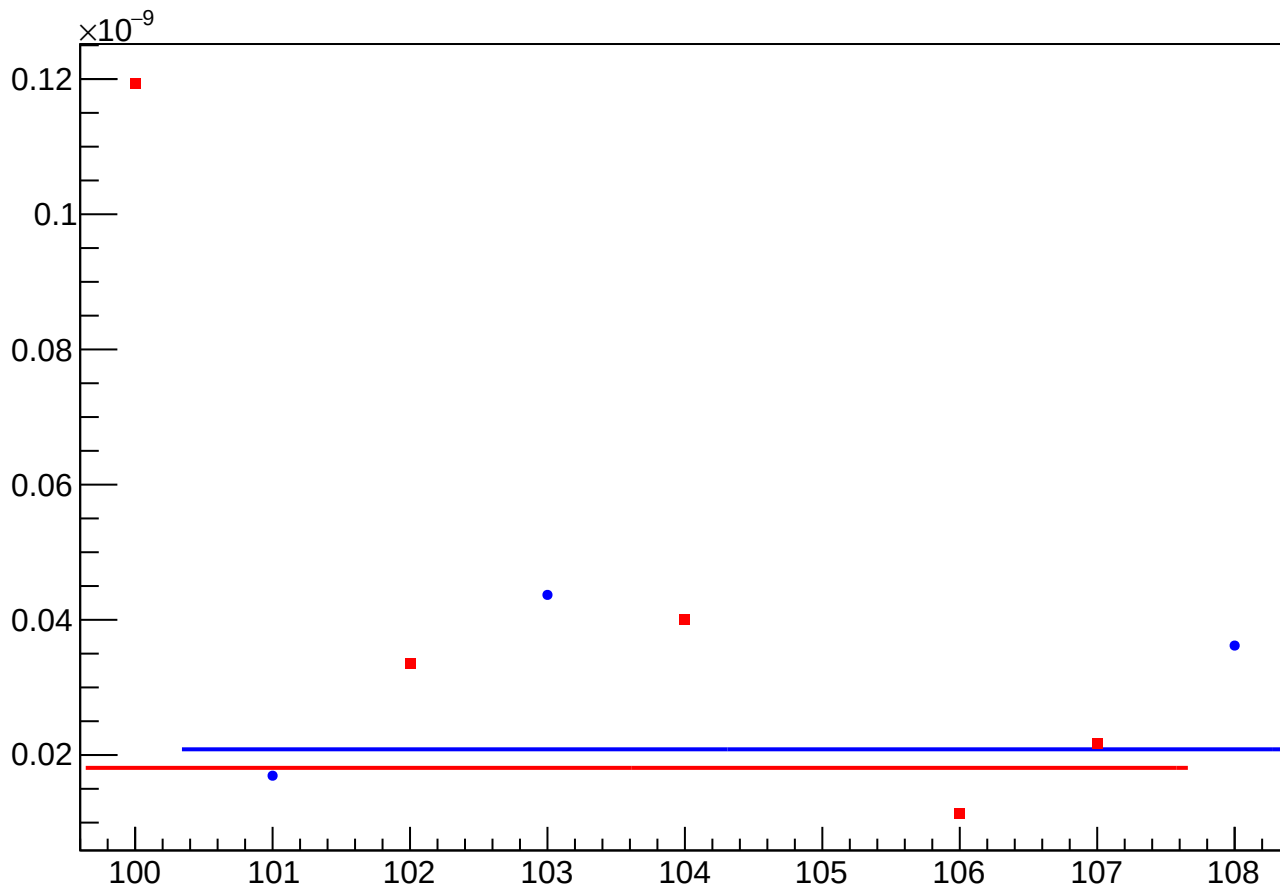
Right: -0.000+/-0.000 χ^2/NDF : 4.3/7

In: -0.000+/-0.000 χ^2/NDF : 0.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.3/7

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 188933.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 345357.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

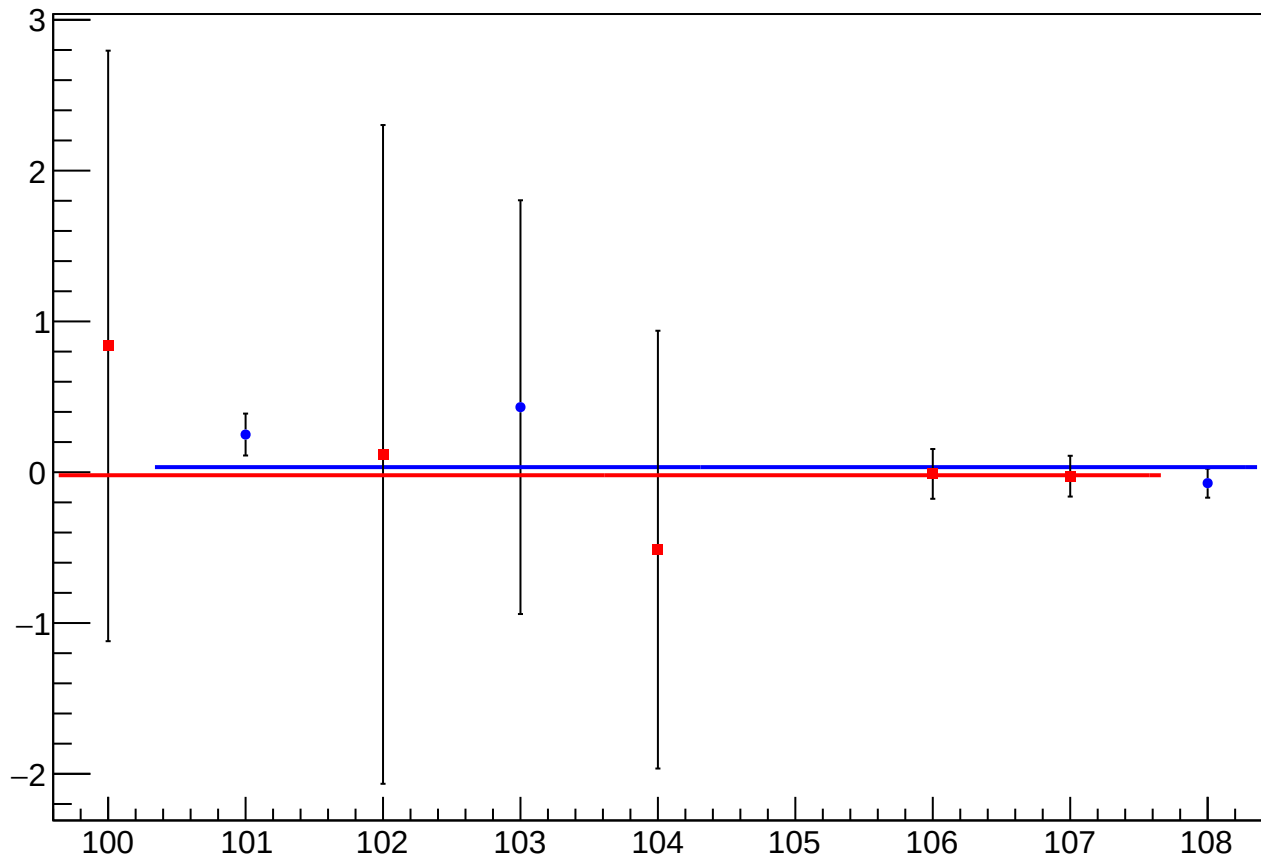
Right: 0.000+/-0.000 χ^2/NDF : 544485.3/7

In: 0.000+/-0.000 χ^2/NDF : 188933.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 544485.3/7

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.034 $\pm$ 0.079 χ^2 /NDF: 3.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.020 $\pm$ 0.104 χ^2 /NDF: 0.3/4

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

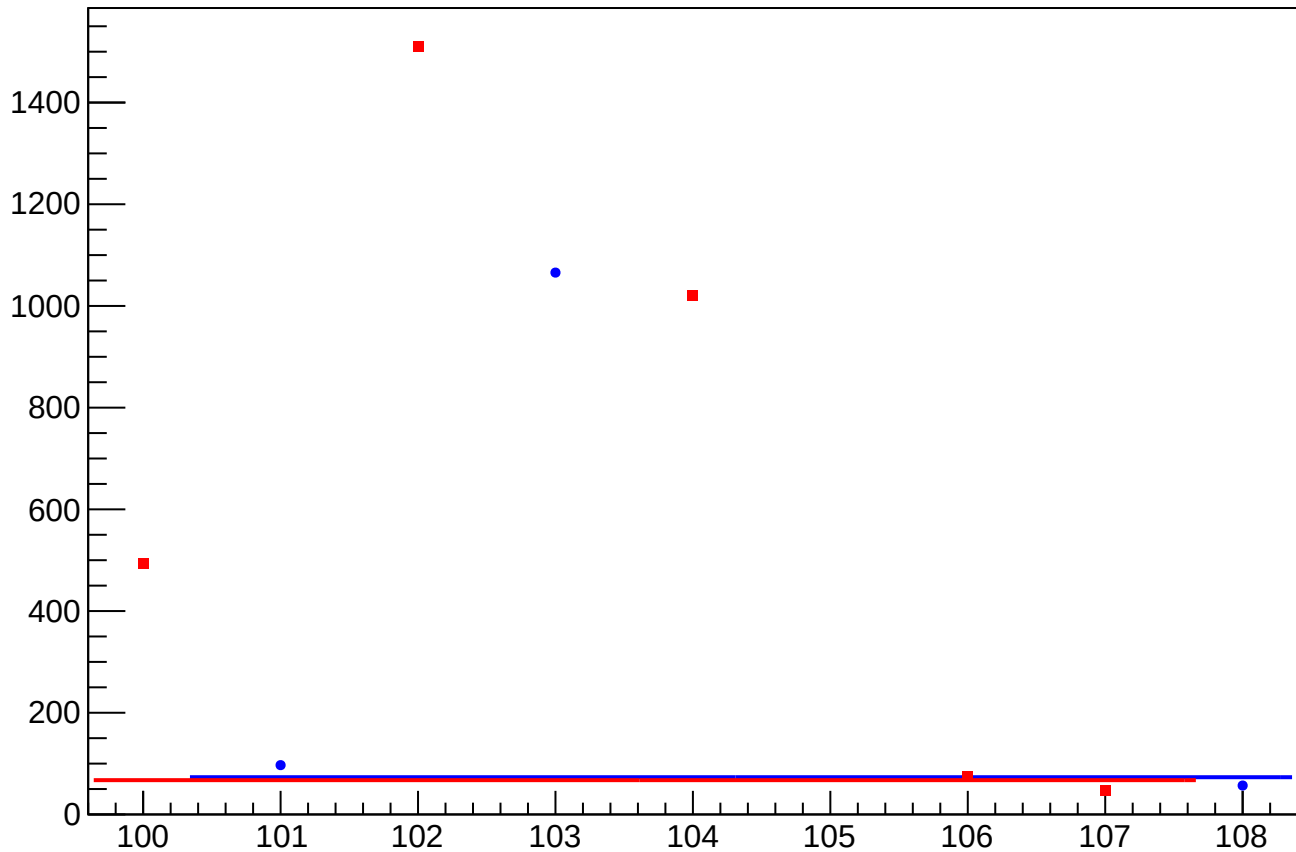
Right: 0.014 $\pm$ 0.063 χ^2 /NDF: 4.2/7

In: 0.034 $\pm$ 0.079 χ^2 /NDF:3.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.014 $\pm$ 0.063 χ^2 /NDF: 4.2/7

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.235+/-0.056 χ^2/NDF : 1162547.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.452+/-0.074 χ^2/NDF : 1881385.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

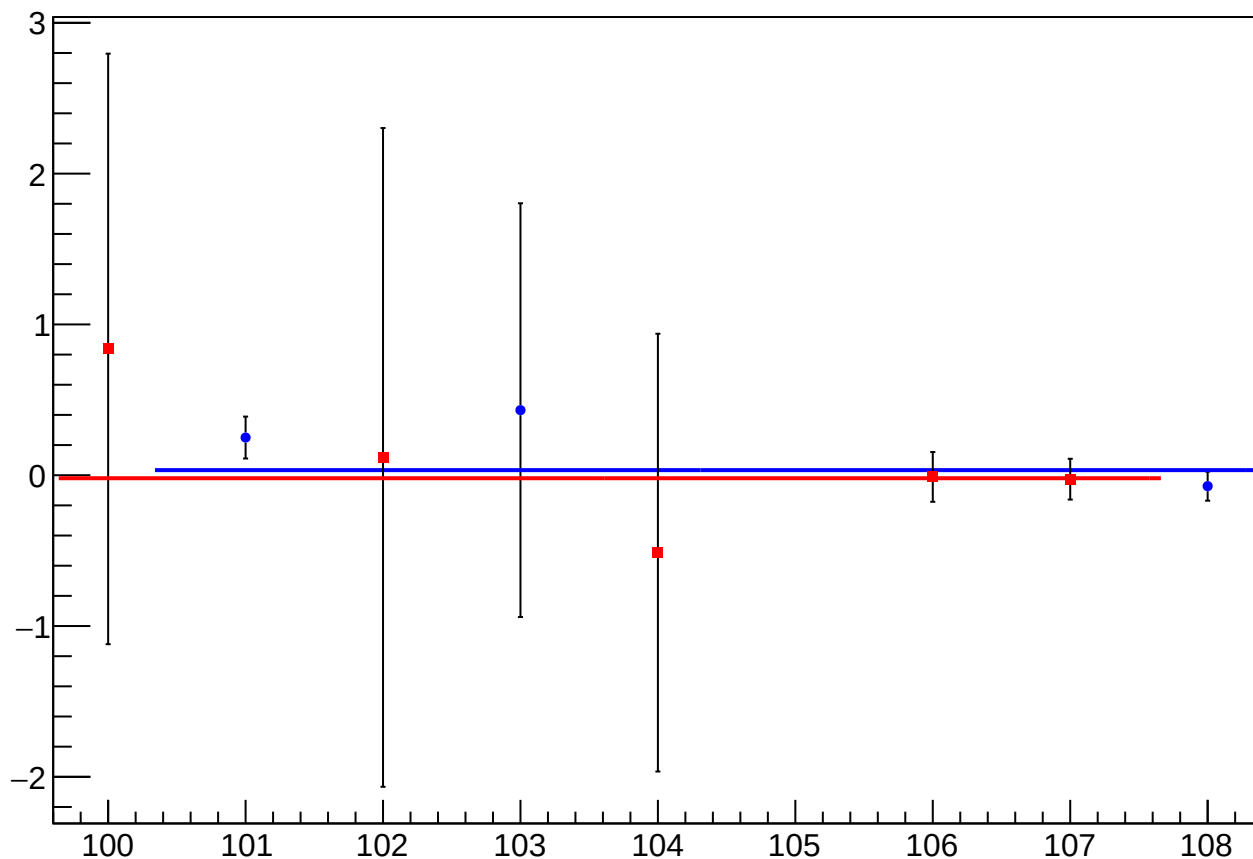
Right: 71.118+/-0.045 χ^2/NDF : 3047847.2/7

In: 73.235+/-0.056 χ^2/NDF : 1162547.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.118+/-0.045 χ^2/NDF : 3047847.2/7

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.034 $\pm$ 0.079 χ^2 /NDF: 3.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.020 $\pm$ 0.104 χ^2 /NDF: 0.3/4

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

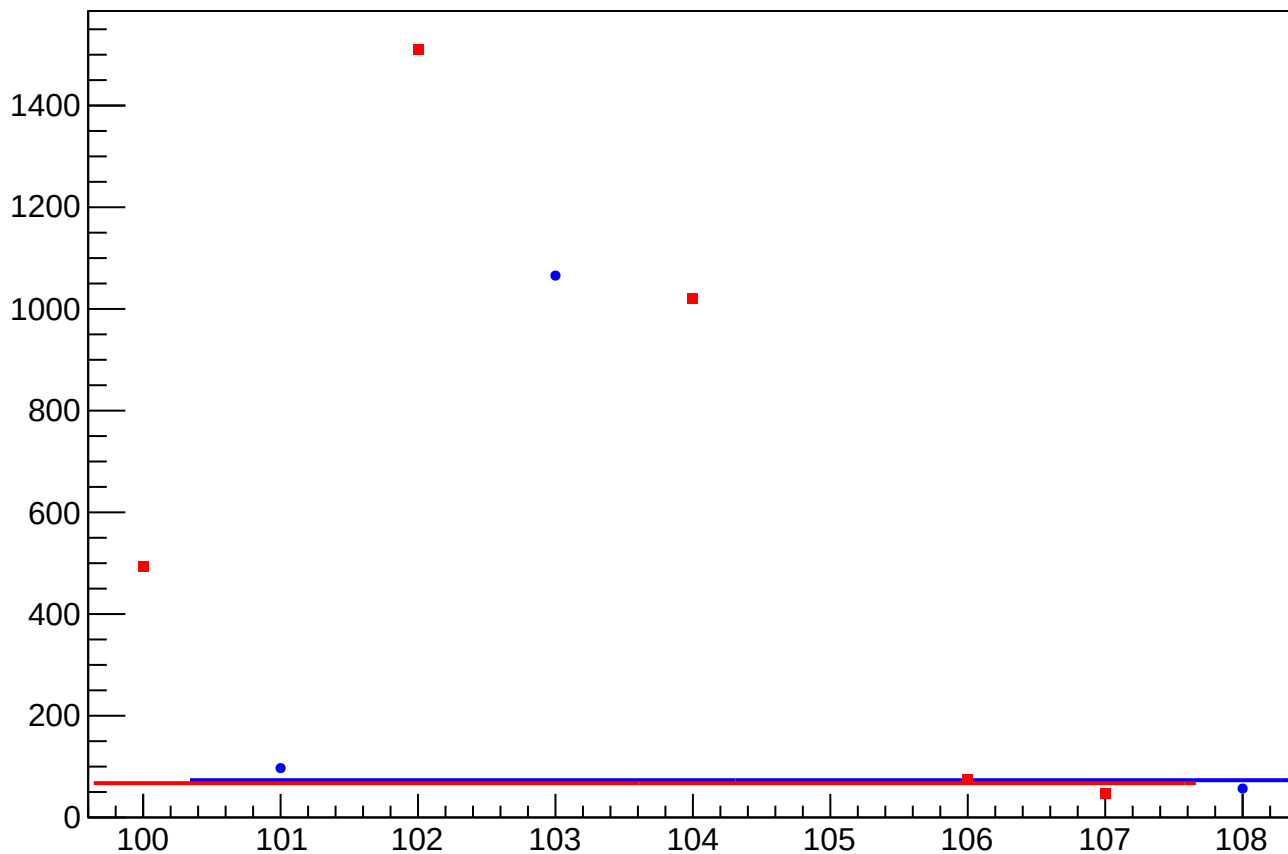
Right: 0.014 $\pm$ 0.063 χ^2 /NDF: 4.2/7

In: 0.034 $\pm$ 0.079 χ^2 /NDF:3.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.014 $\pm$ 0.063 χ^2 /NDF: 4.2/7

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.235+/-0.056 χ^2/NDF : 1162547.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.452+/-0.074 χ^2/NDF : 1881385.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

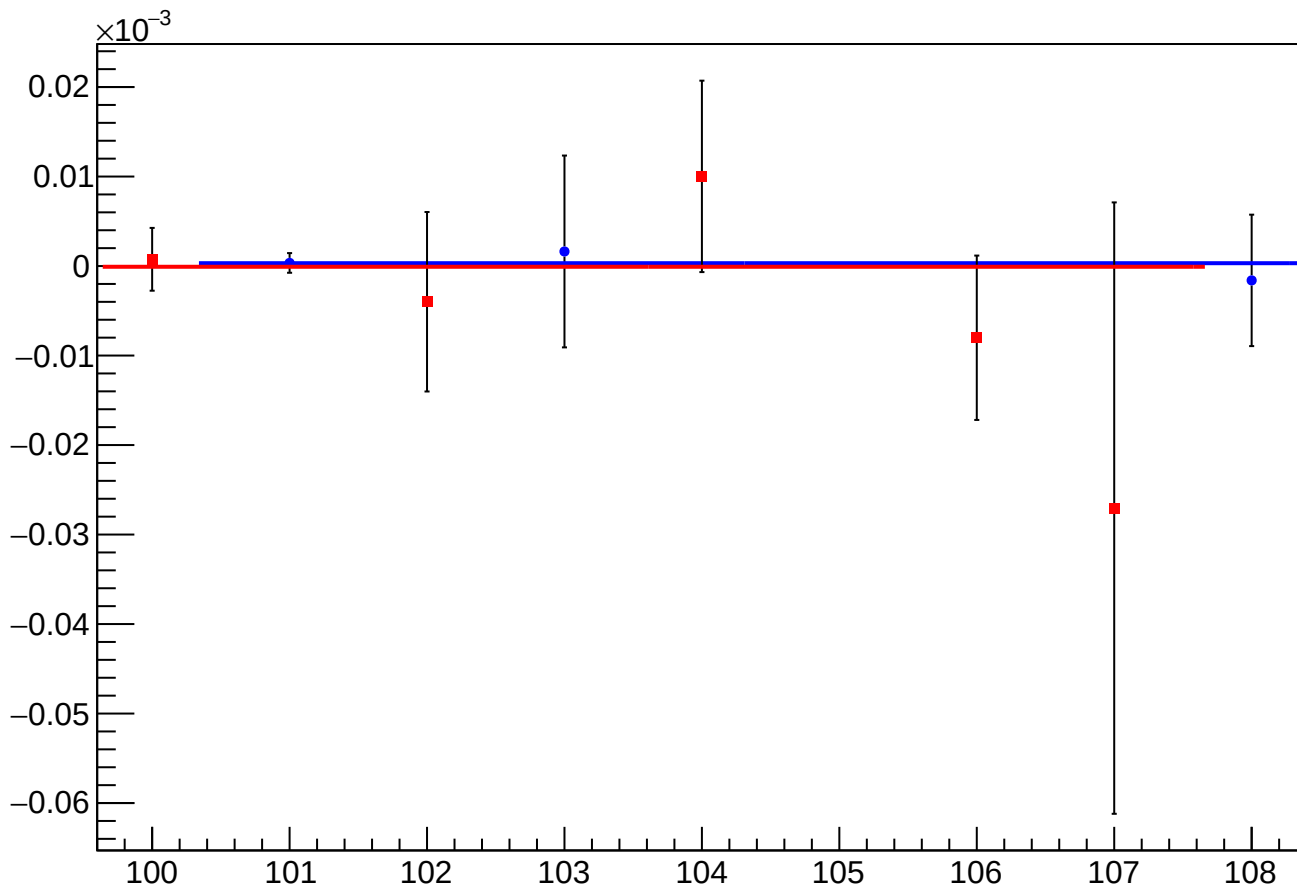
Right: 71.118+/-0.045 χ^2/NDF : 3047847.2/7

In: 73.235+/-0.056 χ^2/NDF : 1162547.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.118+/-0.045 χ^2/NDF : 3047847.2/7

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 : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

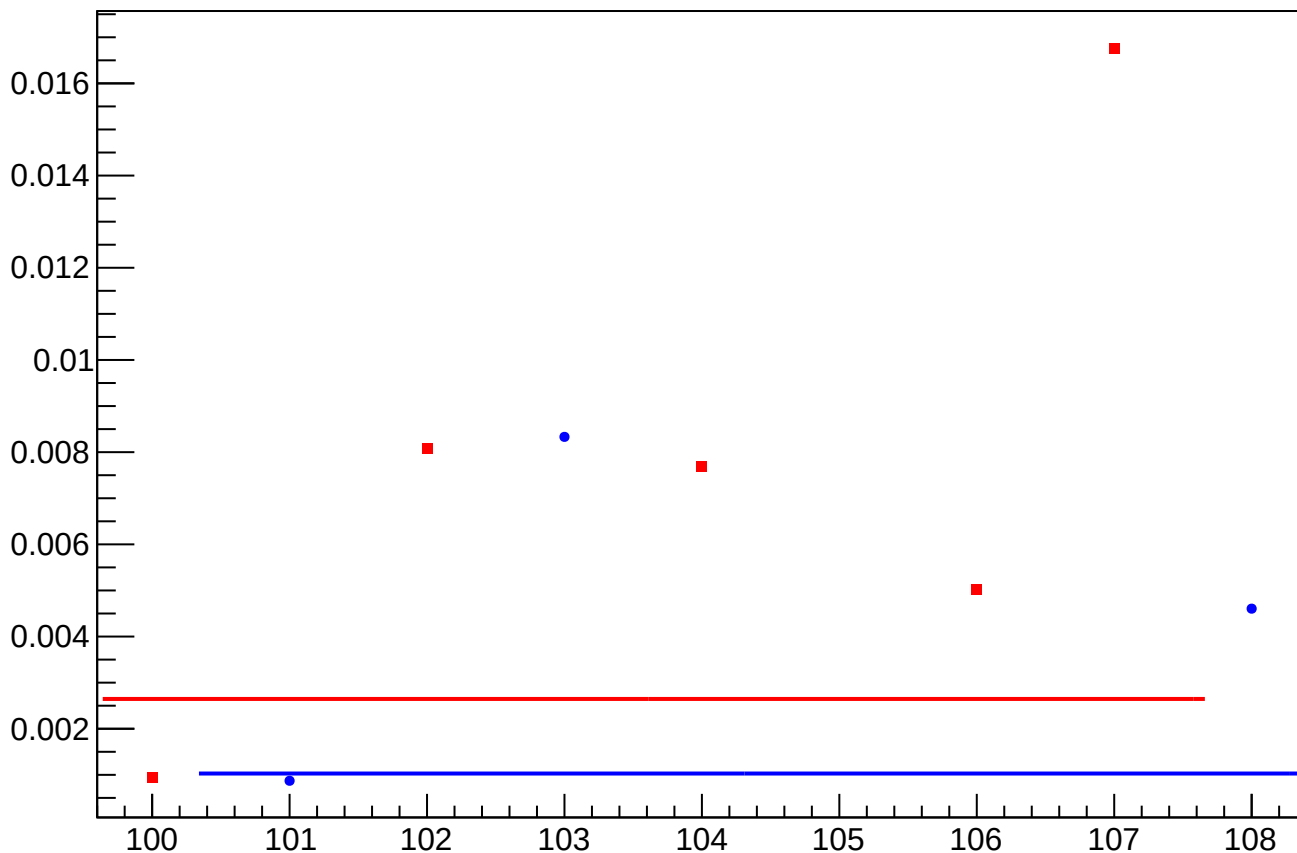
Right: 0.000+/-0.000 χ^2/NDF : 2.6/7

In: 0.000+/-0.000 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2.6/7

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 : 1443961.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1975306.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

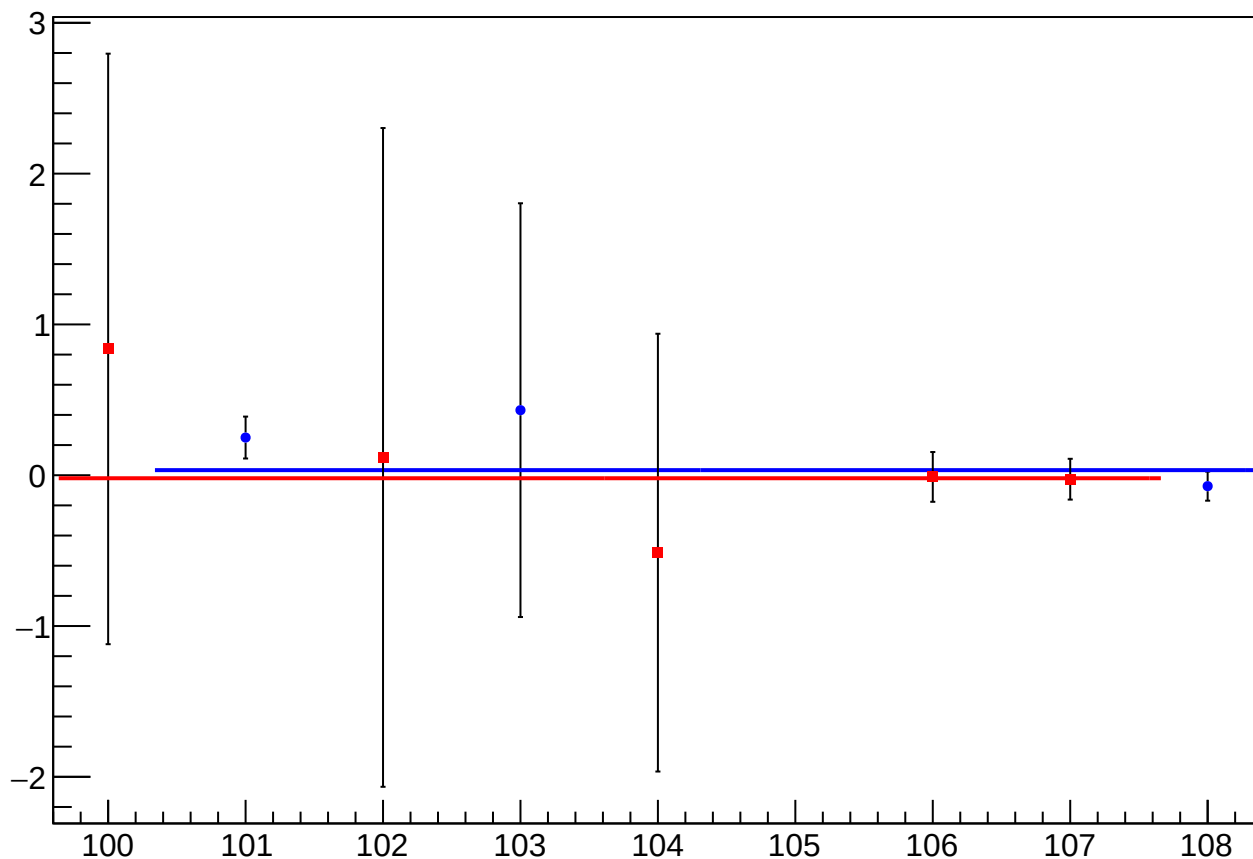
Right: 0.001+/-0.000 χ^2/NDF : 3940326.4/7

In: 0.001+/-0.000 χ^2/NDF : 1443961.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3940326.4/7

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.034 $\pm$ 0.079 χ^2 /NDF: 3.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.020 $\pm$ 0.104 χ^2 /NDF: 0.3/4

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

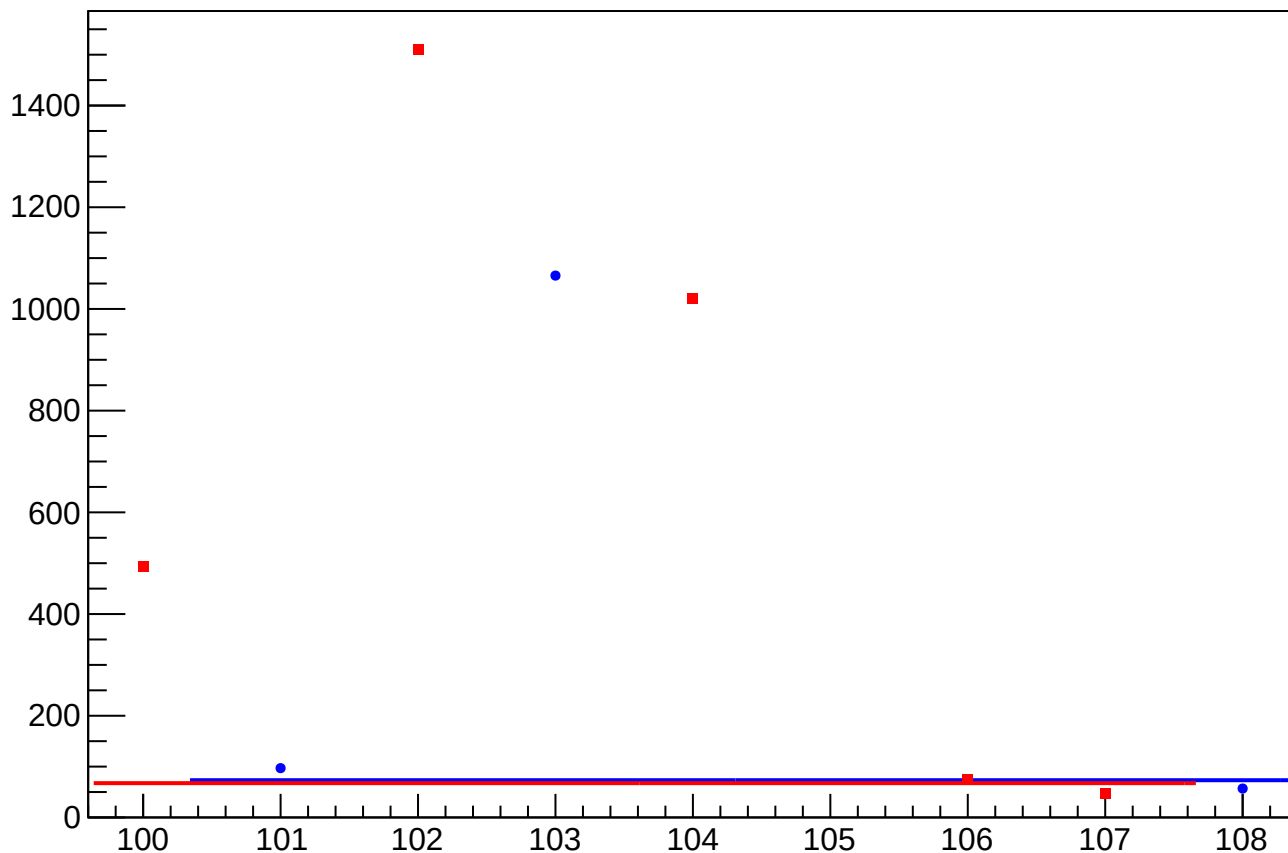
Right: 0.014 $\pm$ 0.063 χ^2 /NDF: 4.2/7

In: 0.034 $\pm$ 0.079 χ^2 /NDF:3.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.014 $\pm$ 0.063 χ^2 /NDF: 4.2/7

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.238+/-0.056 χ^2/NDF : 1162523.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.455+/-0.074 χ^2/NDF : 1881357.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

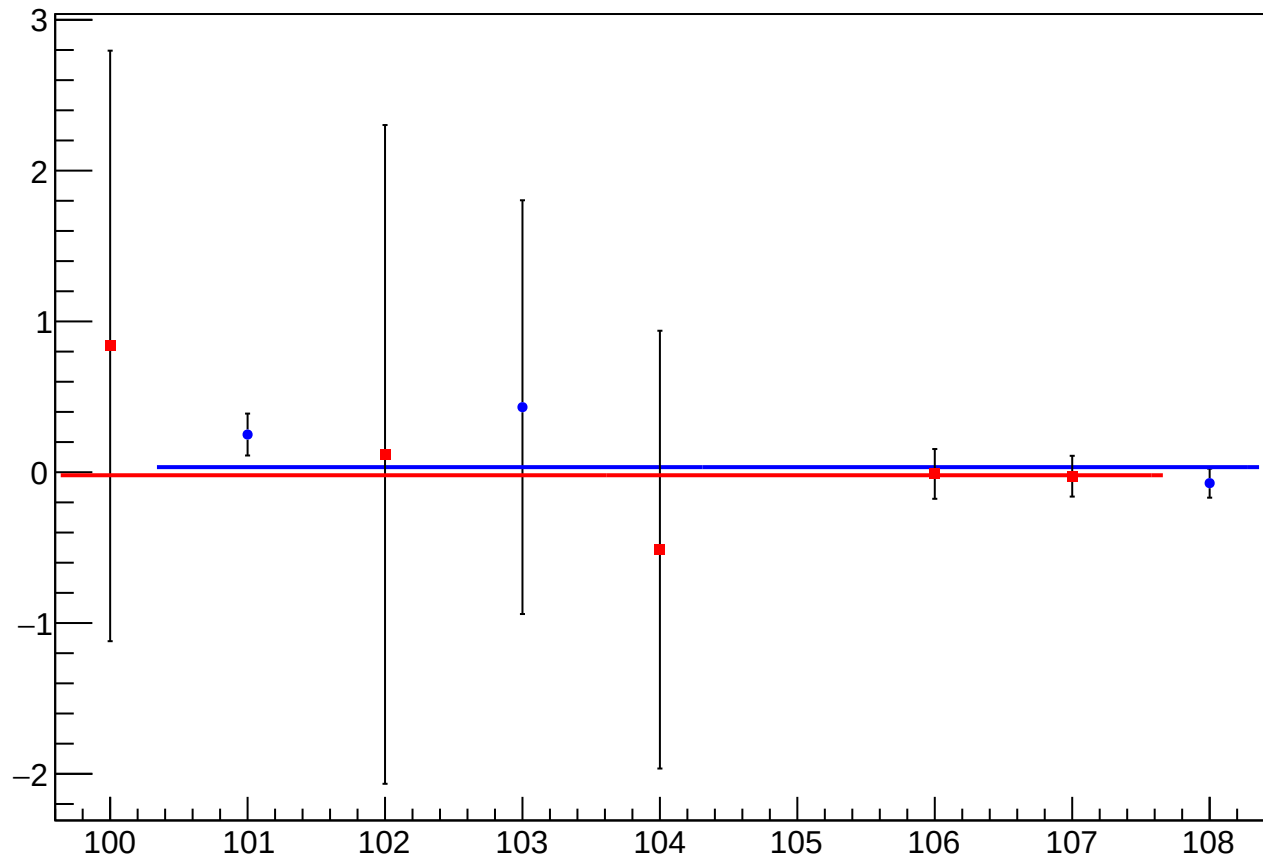
Right: 71.120+/-0.045 χ^2/NDF : 3047794.6/7

In: 73.238+/-0.056 χ^2/NDF : 1162523.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.120+/-0.045 χ^2/NDF : 3047794.6/7

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.034+/-0.079 χ^2/NDF : 3.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.020+/-0.104 χ^2/NDF : 0.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

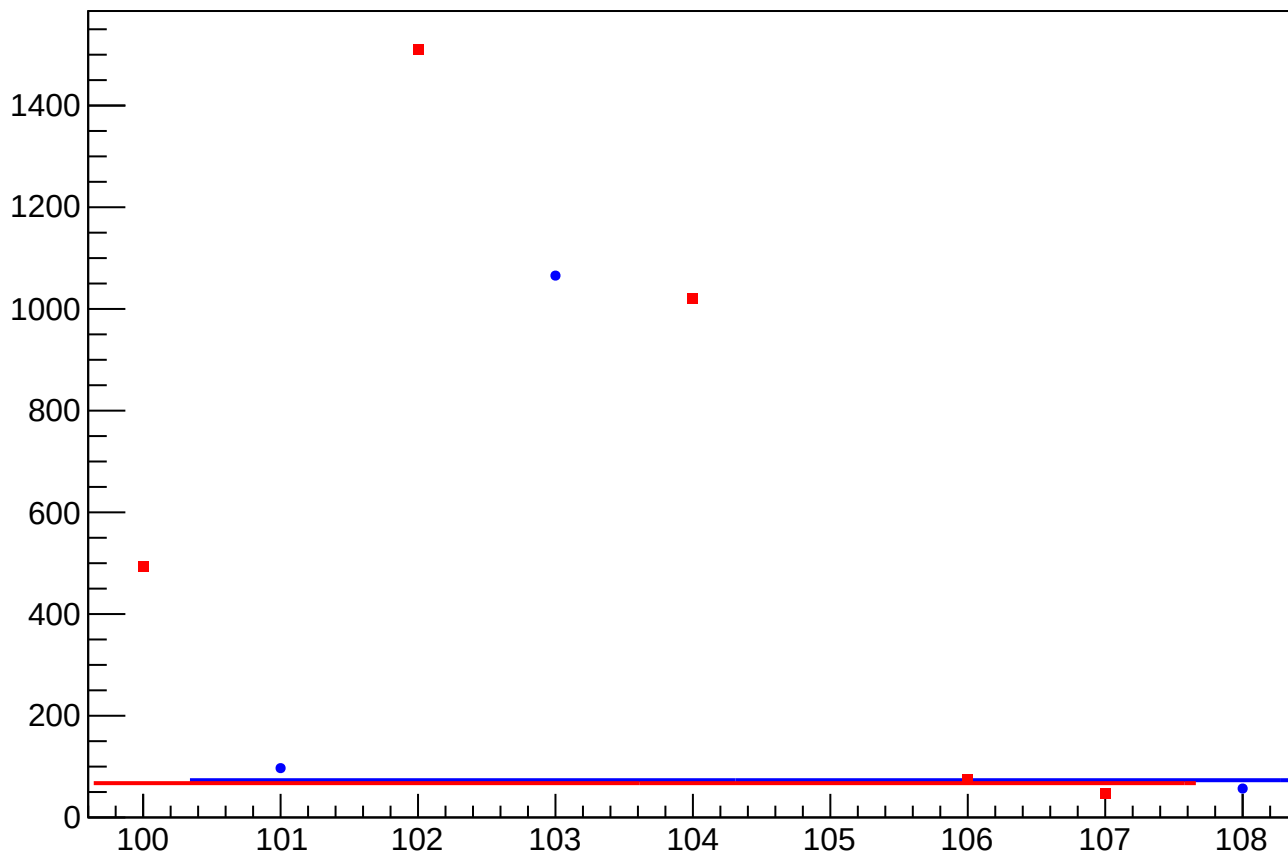
Right: 0.014+/-0.063 χ^2/NDF : 4.2/7

In: 0.034+/-0.079 χ^2/NDF : 3.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.063 χ^2/NDF : 4.2/7

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.238+/-0.056 χ^2/NDF : 1162523.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.455+/-0.074 χ^2/NDF : 1881357.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

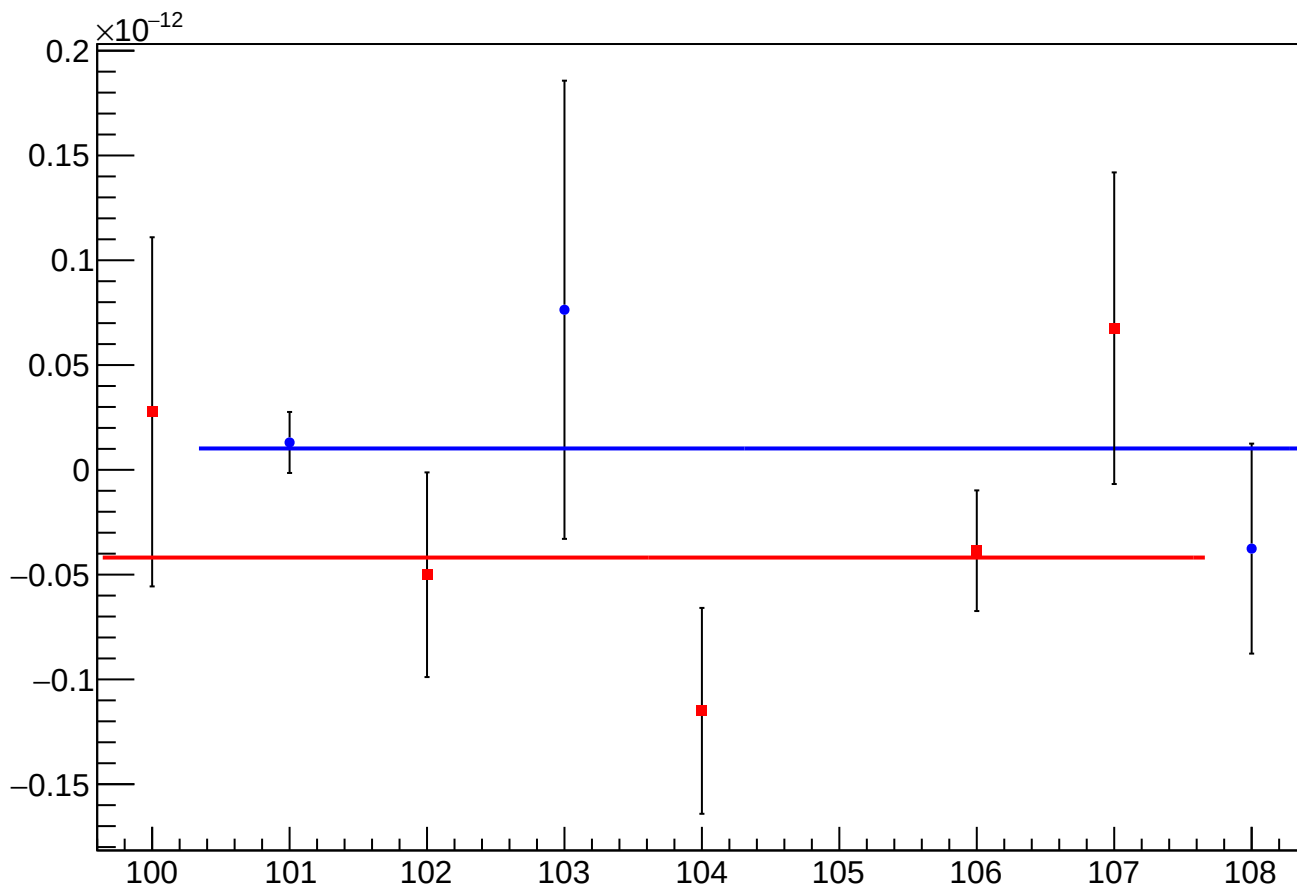
Right: 71.120+/-0.045 χ^2/NDF : 3047794.6/7

In: 73.238+/-0.056 χ^2/NDF : 1162523.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.120+/-0.045 χ^2/NDF : 3047794.6/7

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 : 1.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

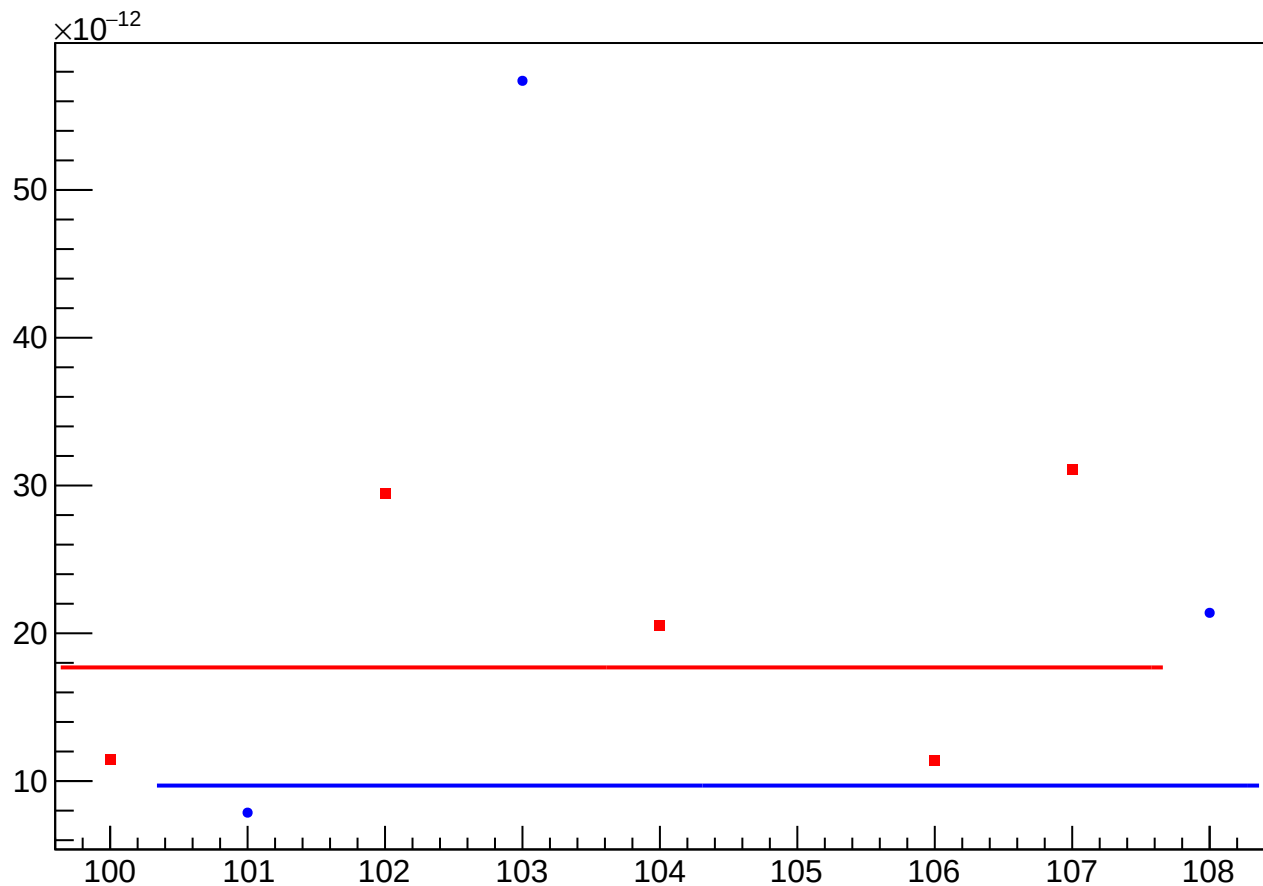
Right: -0.000+/-0.000 χ^2/NDF : 10.8/7

In: 0.000+/-0.000 χ^2/NDF : 1.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.8/7

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 : 521213.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 294990.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

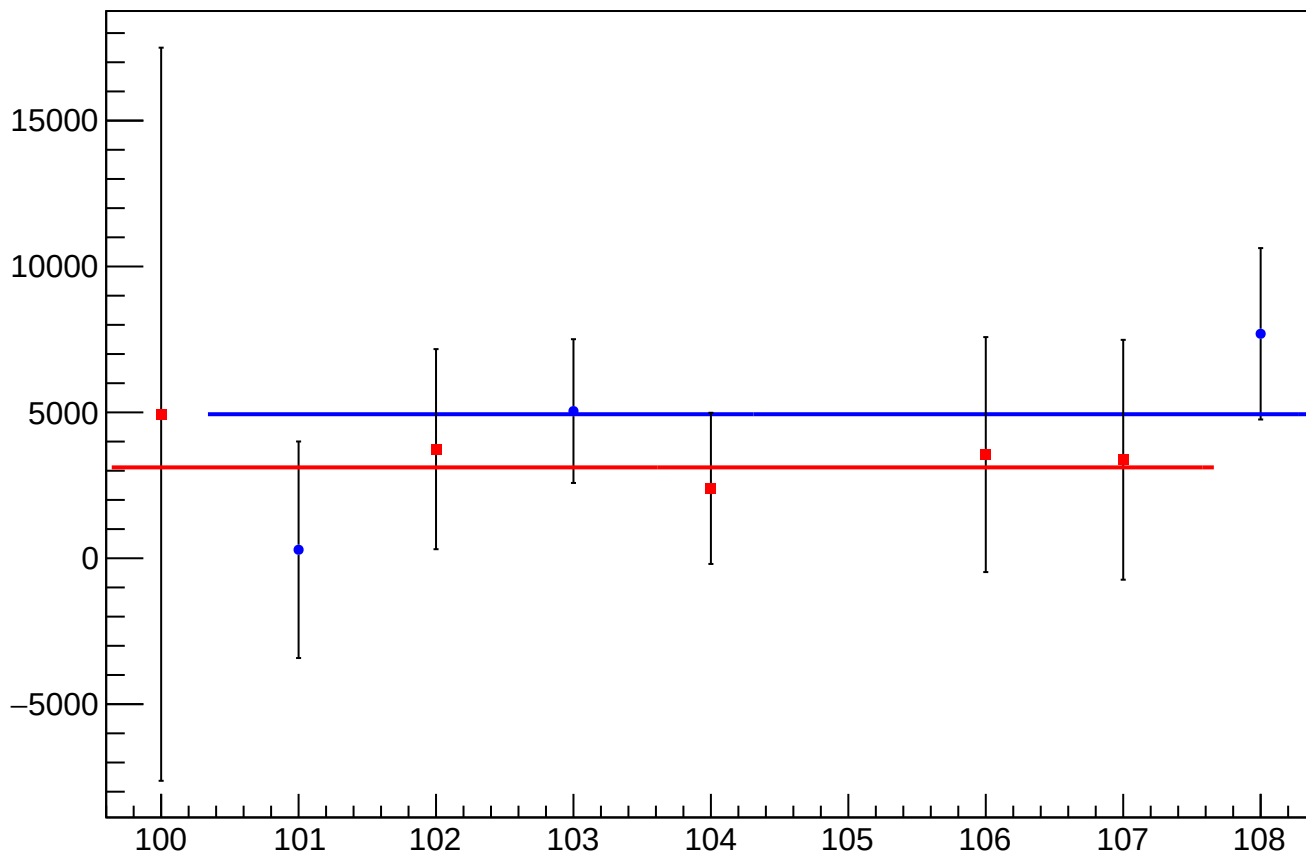
Right: 0.000+/-0.000 χ^2/NDF : 1024076.9/7

In: 0.000+/-0.000 χ^2/NDF : 521213.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1024076.9/7

reg_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4936.946+/-1682.452 χ^2 /NDF: 2.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 3115.158+/-1663.808 χ^2 /NDF: 0.1/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

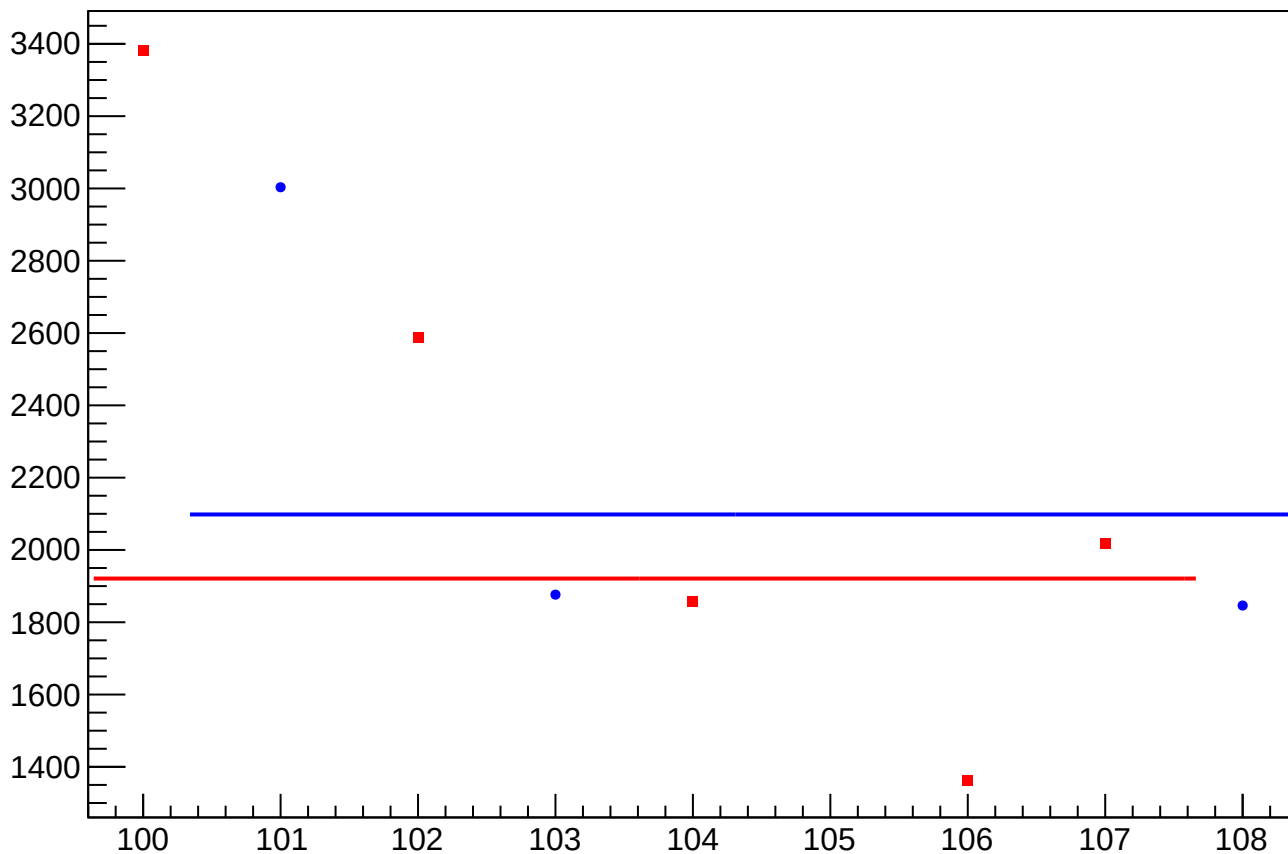
Right: 4015.902+/-1183.027 χ^2 /NDF: 3.2/7

In: 4936.946+/-1682.452 χ^2 /NDF:2.4/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 4015.902+/-1183.027 χ^2 /NDF: 3.2/7

reg_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2098.174+/-1.190 χ^2/NDF : 149920.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1920.904+/-1.103 χ^2/NDF : 174158.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

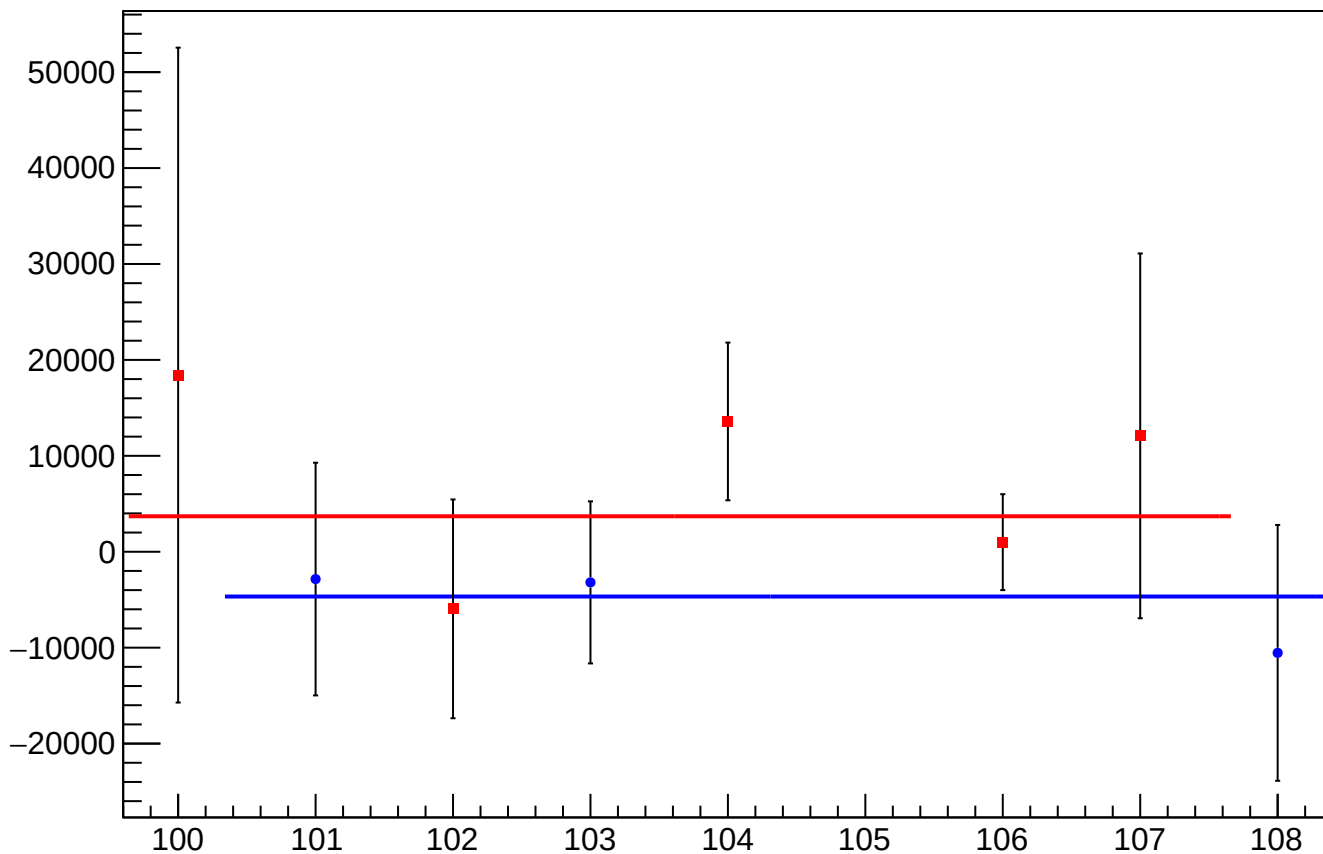
Right: 2002.849+/-0.809 χ^2/NDF : 336018.7/7

In: 2098.174+/-1.190 χ^2/NDF : 149920.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2002.849+/-0.809 χ^2/NDF : 336018.7/7

asym_us_avg_at2lr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -4667.838+/-6150.922 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3698.199+/-3889.414 χ^2/NDF : 2.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

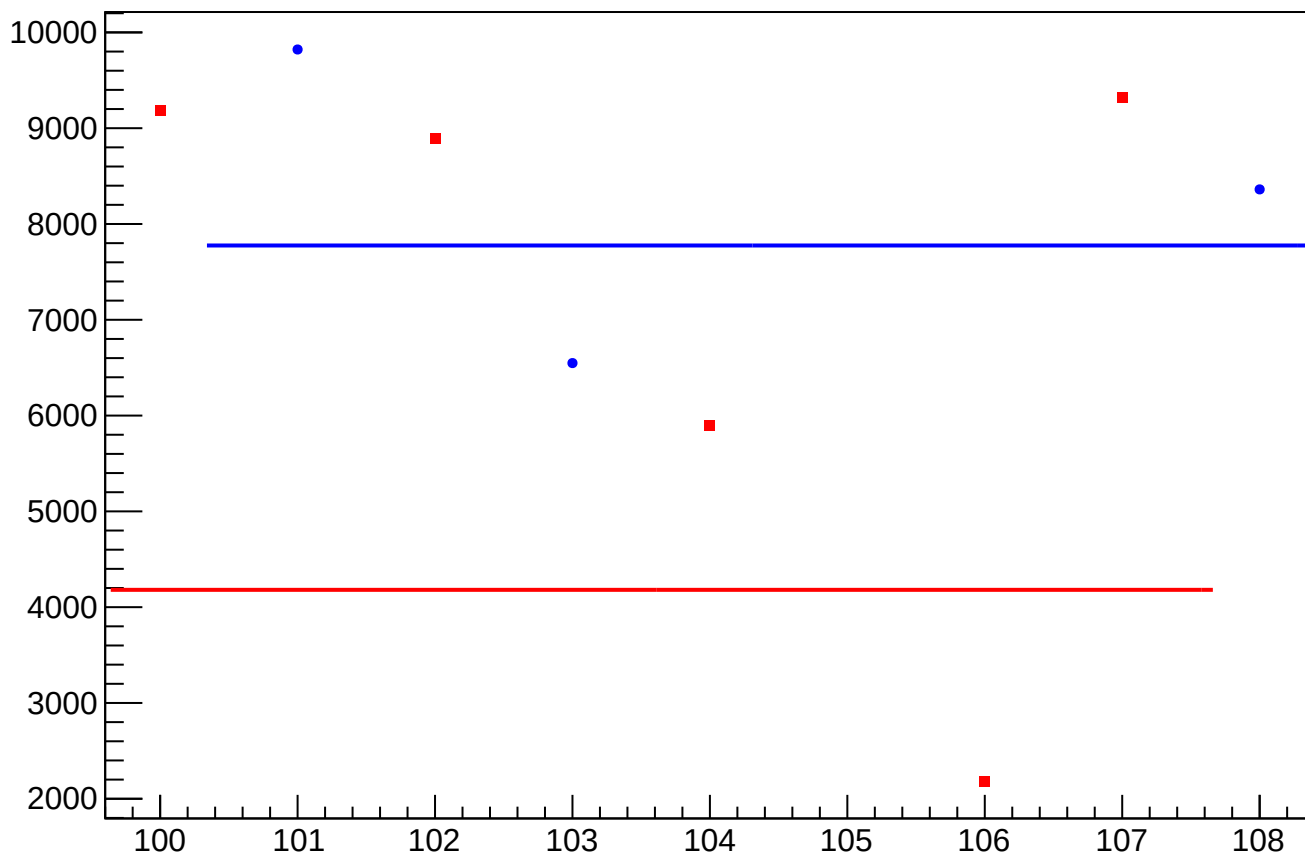
Right: 1308.579+/-3287.341 χ^2/NDF : 4.4/7

In: -4667.838+/-6150.922 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1308.579+/-3287.341 χ^2/NDF : 4.4/7

asym_us_avg_at2lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 7775.578+/-4.349 χ^2/NDF : 102992.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4180.963+/-2.750 χ^2/NDF : 936429.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

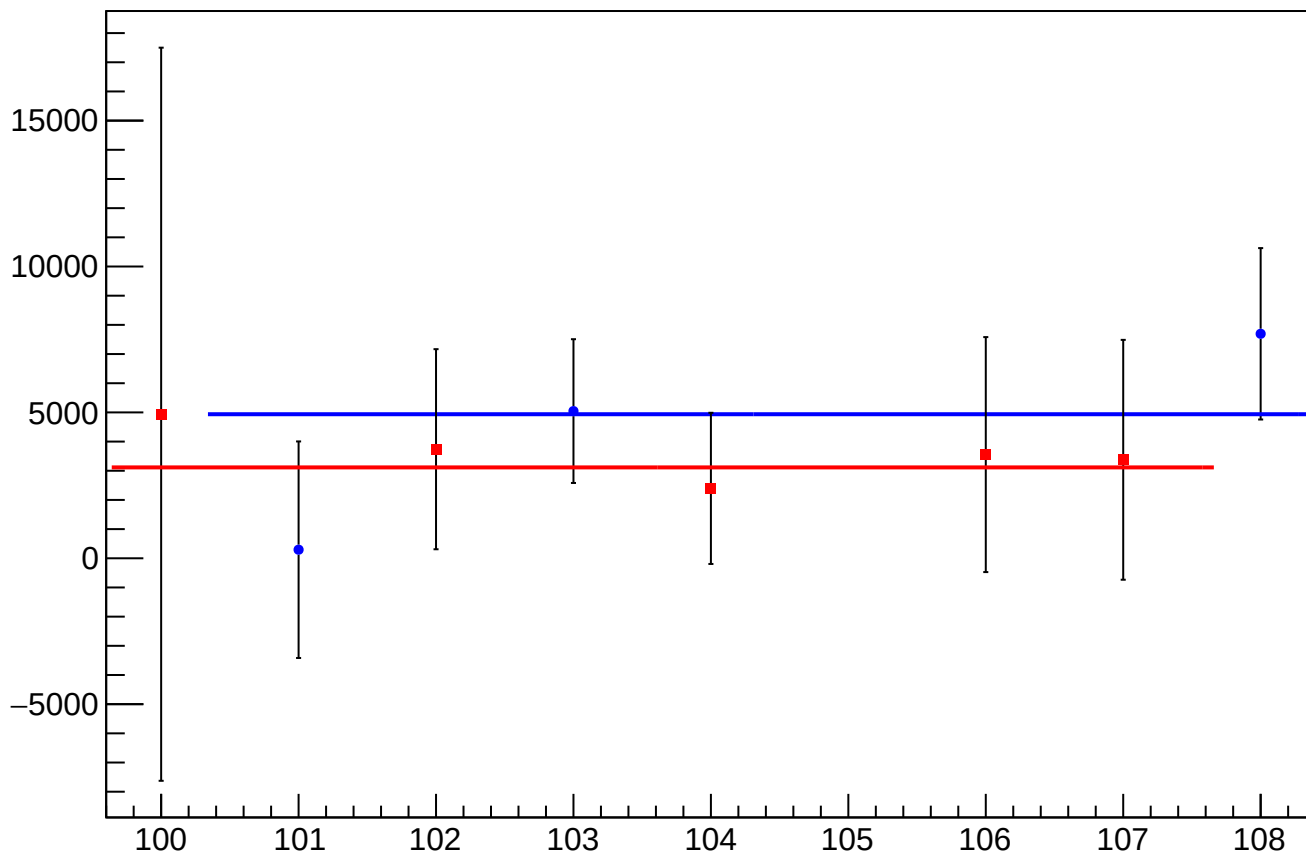
Right: 5207.706+/-2.325 χ^2/NDF : 1527371.6/7

In: 7775.578+/-4.349 χ^2/NDF : 102992.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5207.706+/-2.325 χ^2/NDF : 1527371.6/7

cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4937.423+/-1682.453 χ^2 /NDF: 2.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 3114.787+/-1663.808 χ^2 /NDF: 0.1/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

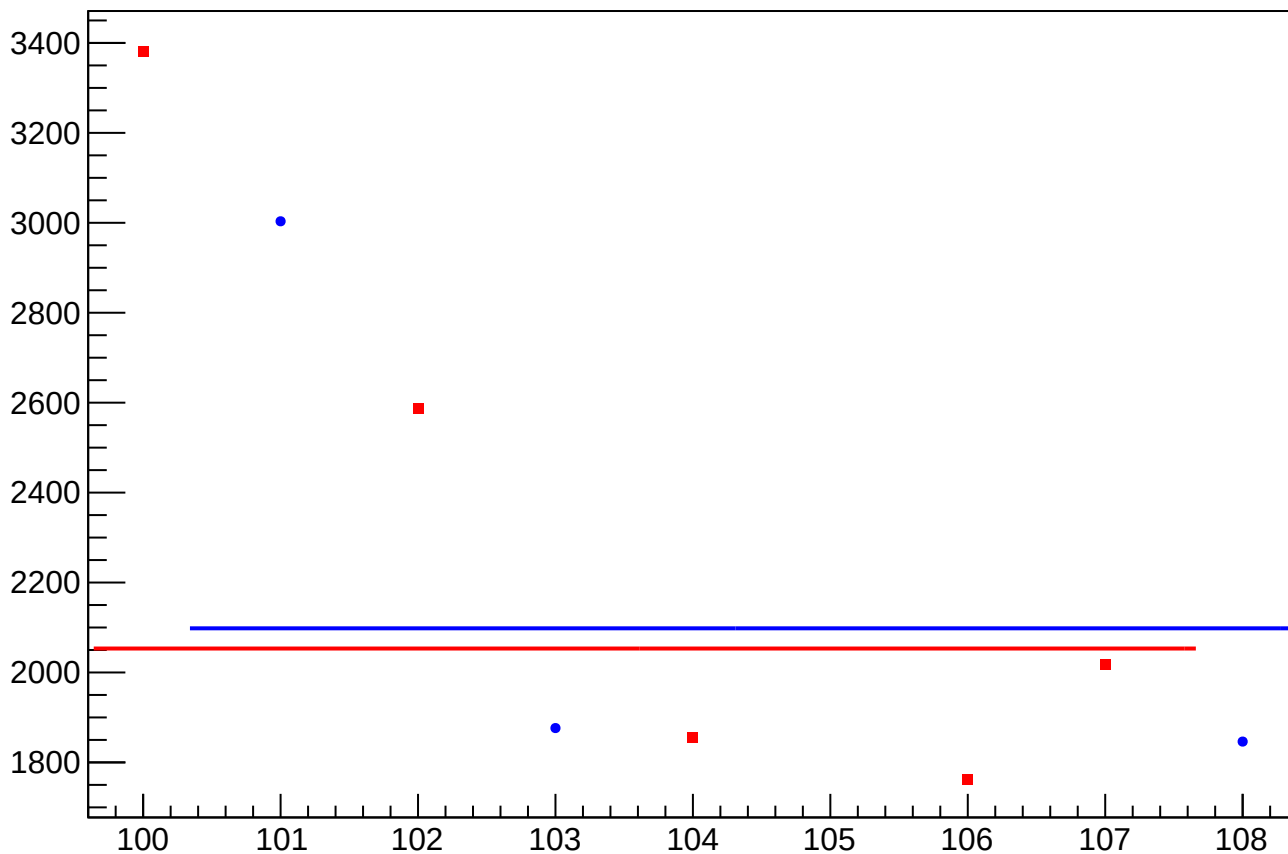
Right: 4015.950+/-1183.027 χ^2 /NDF: 3.2/7

In: 4937.423+/-1682.453 χ^2 /NDF:2.4/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 4015.950+/-1183.027 χ^2 /NDF: 3.2/7

cor_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2098.173+/-1.190 χ^2/NDF : 149921.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2053.254+/-1.152 χ^2/NDF : 95659.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

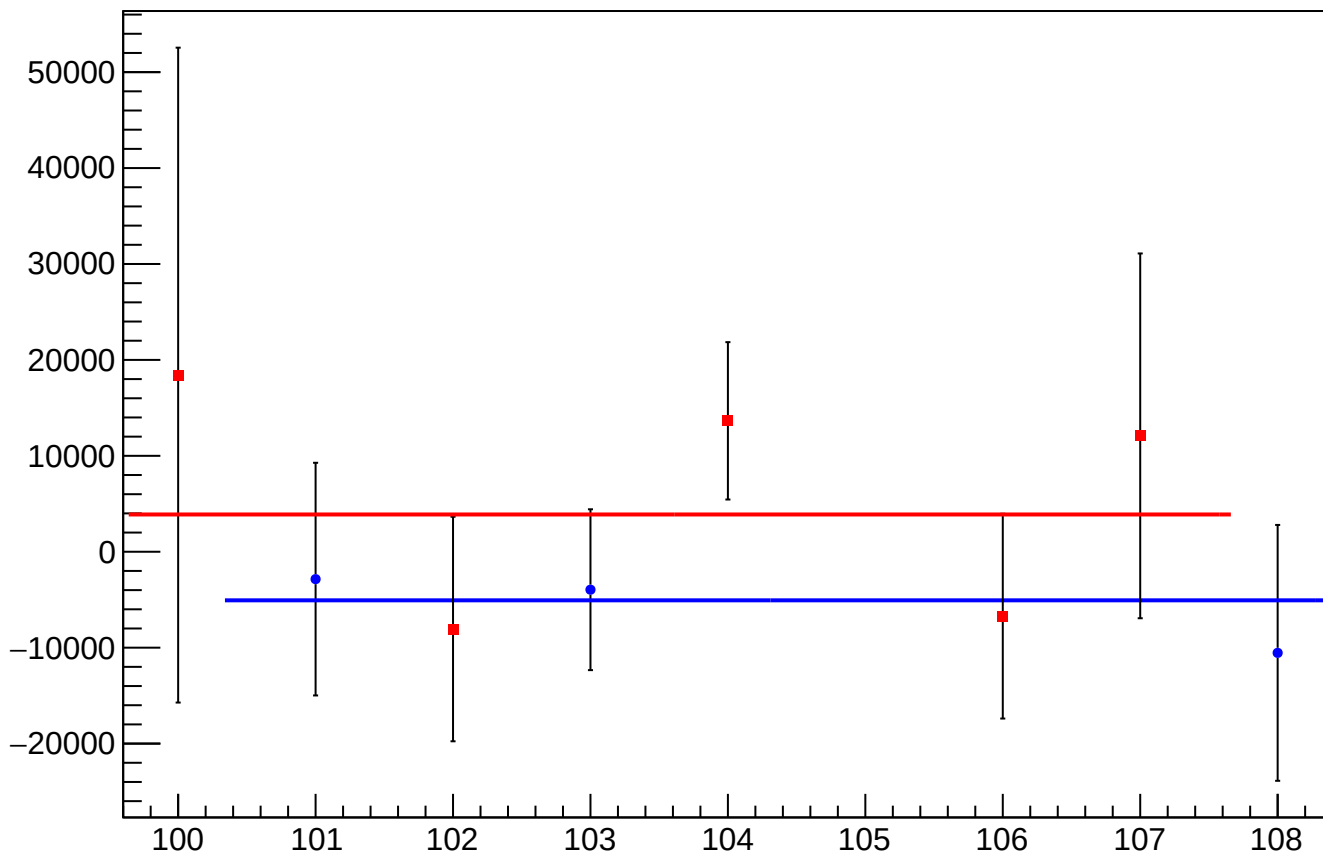
Right: 2074.998+/-0.828 χ^2/NDF : 246316.2/7

In: 2098.173+/-1.190 χ^2/NDF : 149921.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2074.998+/-0.828 χ^2/NDF : 246316.2/7

asym_us_avg_at2lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -5064.494 $\pm$ 6125.977 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3885.666 $\pm$ 5378.990 χ^2 /NDF: 3.8/4

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

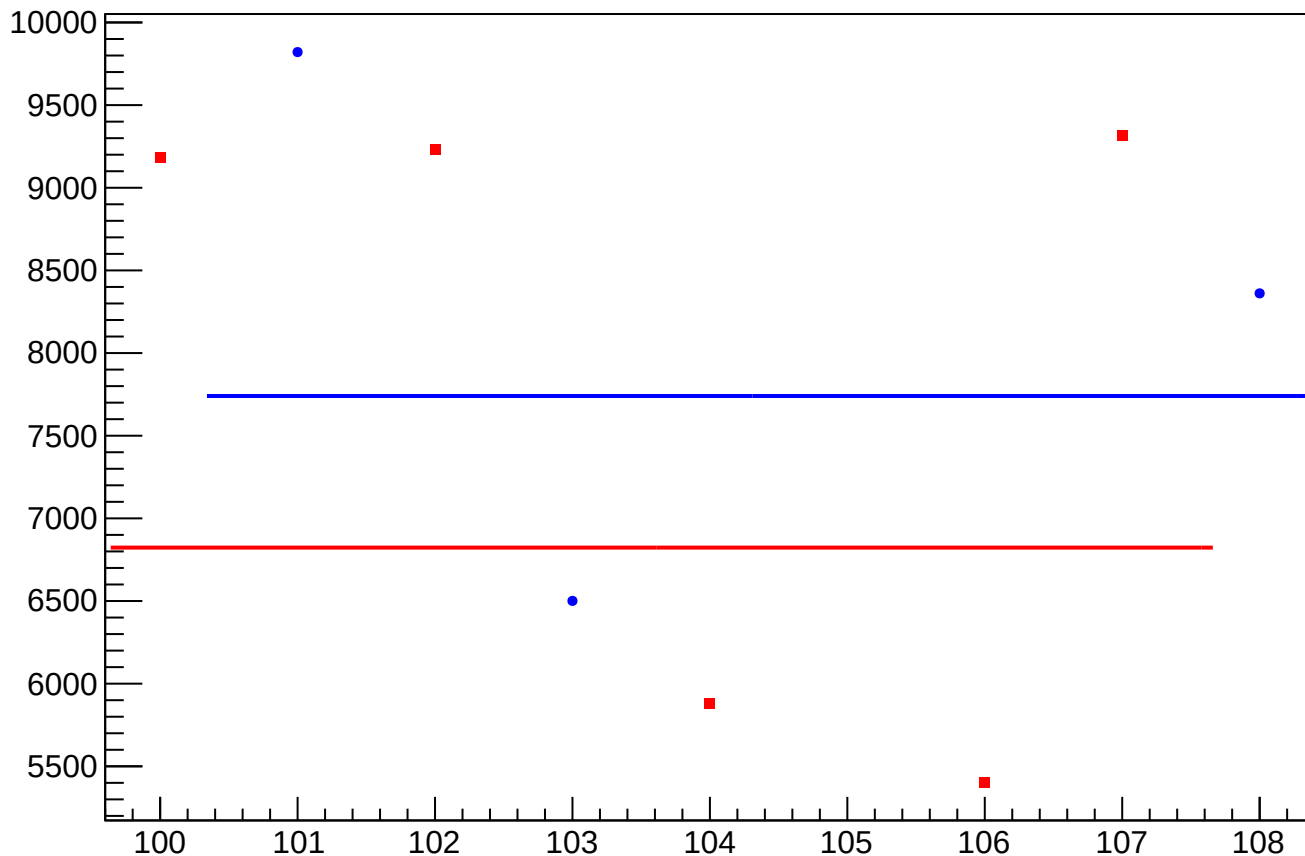
Right: -10.743 $\pm$ 4041.962 χ^2 /NDF: 5.2/7

In: -5064.494 $\pm$ 6125.977 χ^2 /NDF: 0.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.743 $\pm$ 4041.962 χ^2 /NDF: 5.2/7

asym_us_avg_at2lr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 7740.289+/-4.332 χ^2/NDF : 106905.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6823.163+/-3.804 χ^2/NDF : 190432.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

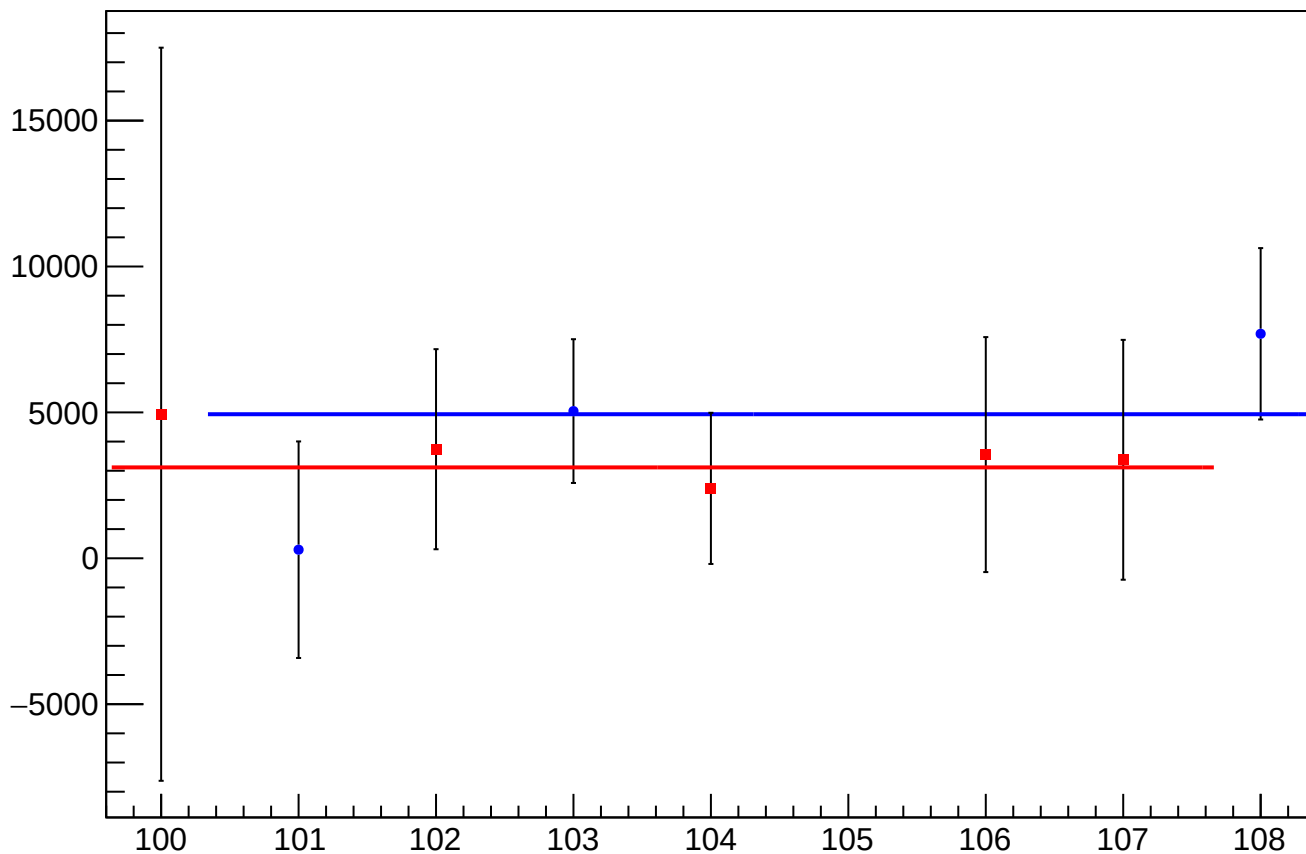
Right: 7222.429+/-2.858 χ^2/NDF : 322649.4/7

In: 7740.289+/-4.332 χ^2/NDF : 106905.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7222.429+/-2.858 χ^2/NDF : 322649.4/7

eigen_cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4937.423+/-1682.453 χ^2/NDF : 2.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3114.787+/-1663.808 χ^2/NDF : 0.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

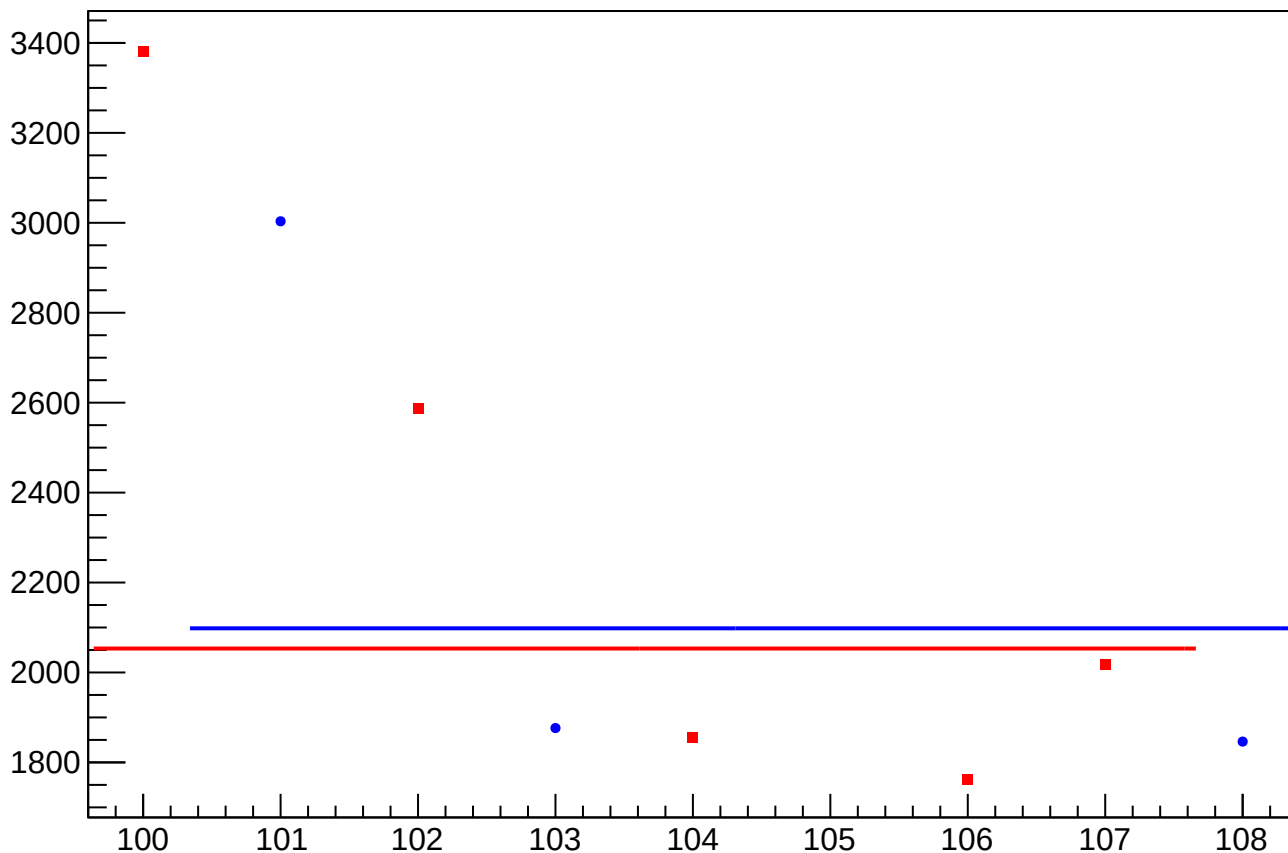
Right: 4015.950+/-1183.027 χ^2/NDF : 3.2/7

In: 4937.423+/-1682.453 χ^2/NDF : 2.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4015.950+/-1183.027 χ^2/NDF : 3.2/7

eigen_cor_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2098.173+/-1.190 χ^2/NDF : 149921.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2053.254+/-1.152 χ^2/NDF : 95659.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

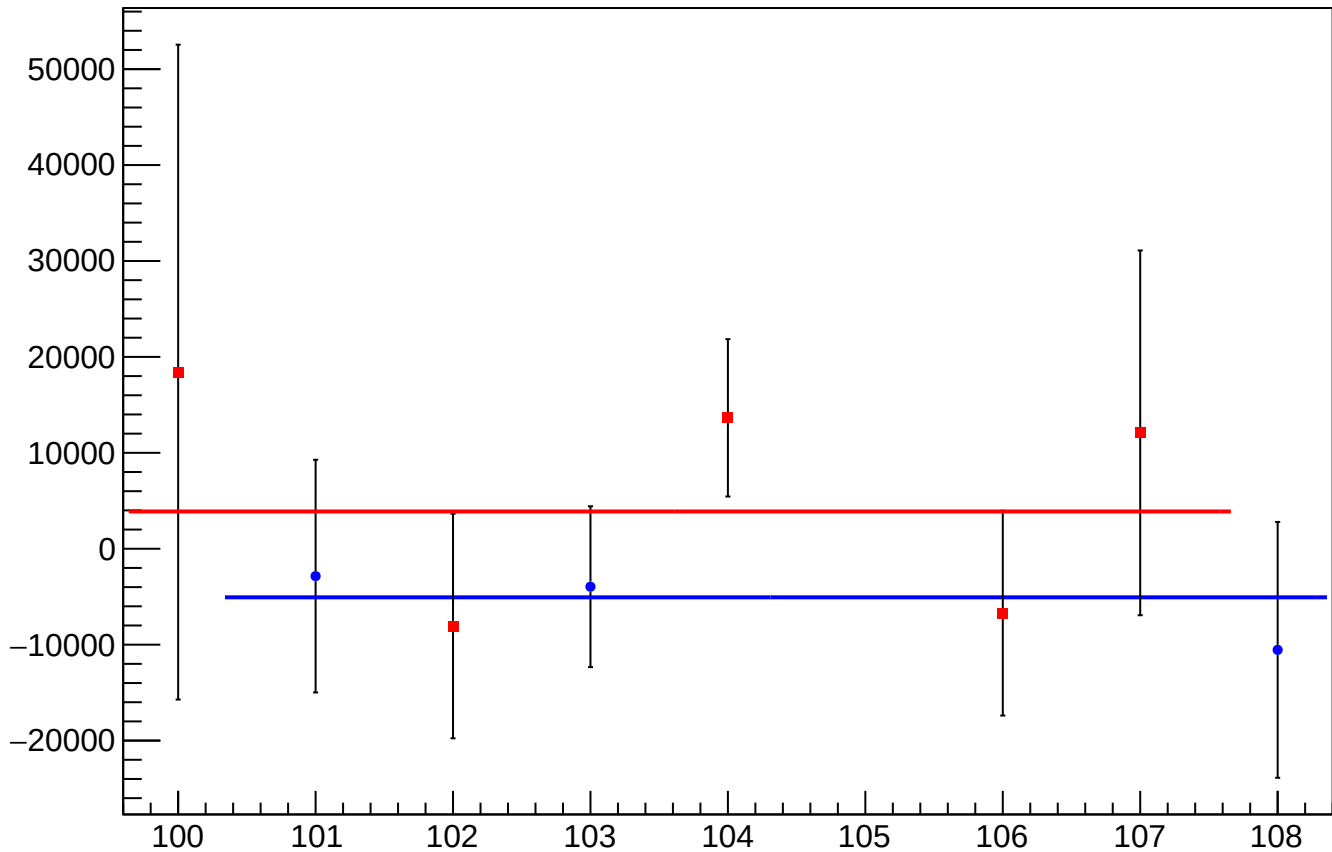
Right: 2074.998+/-0.828 χ^2/NDF : 246316.2/7

In: 2098.173+/-1.190 χ^2/NDF : 149921.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2074.998+/-0.828 χ^2/NDF : 246316.2/7

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -5064.494 $\pm$ 6125.977 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3885.666 $\pm$ 5378.990 χ^2 /NDF: 3.8/4

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

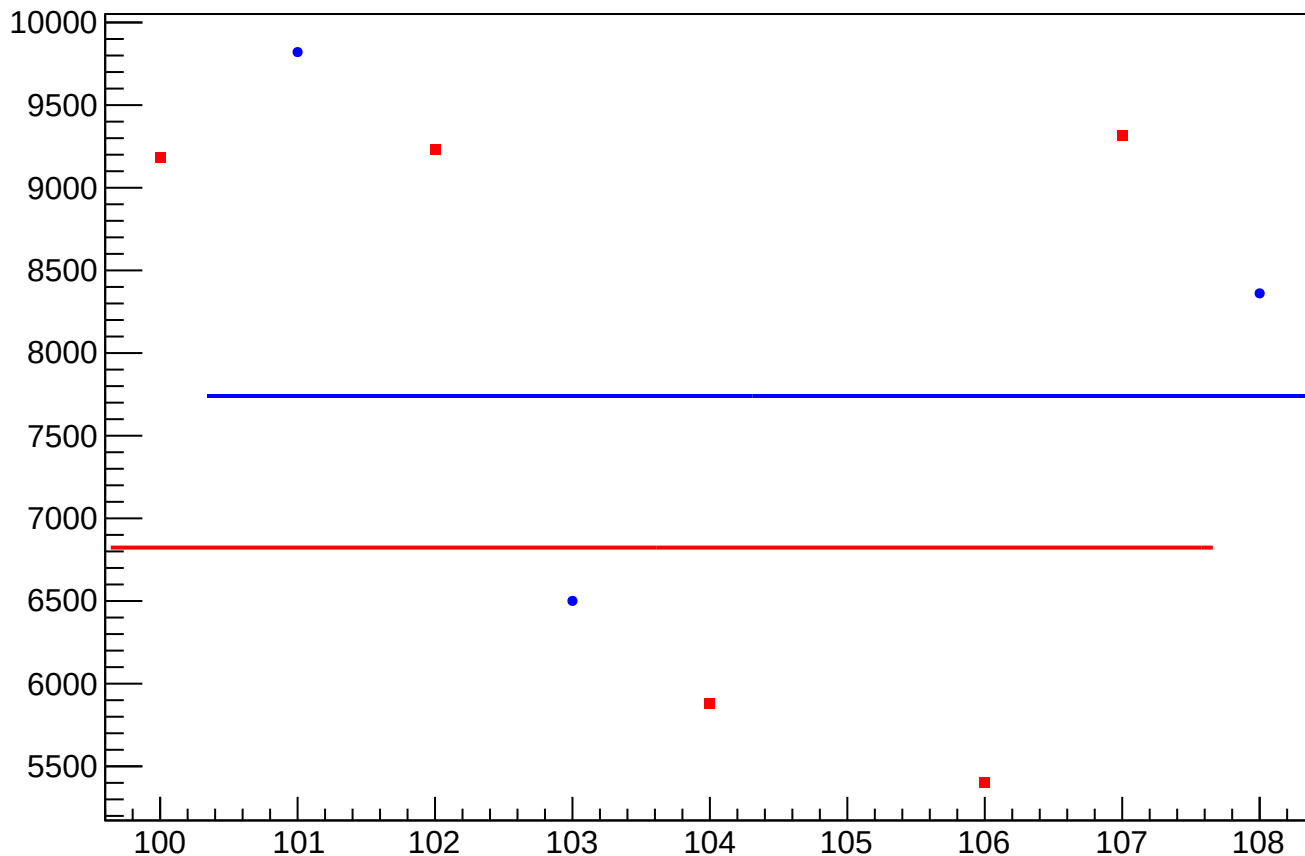
Right: -10.743 $\pm$ 4041.962 χ^2 /NDF: 5.2/7

In: -5064.494 $\pm$ 6125.977 χ^2 /NDF: 0.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.743 $\pm$ 4041.962 χ^2 /NDF: 5.2/7

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 7740.289+/-4.332 χ^2/NDF : 106905.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6823.163+/-3.804 χ^2/NDF : 190432.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

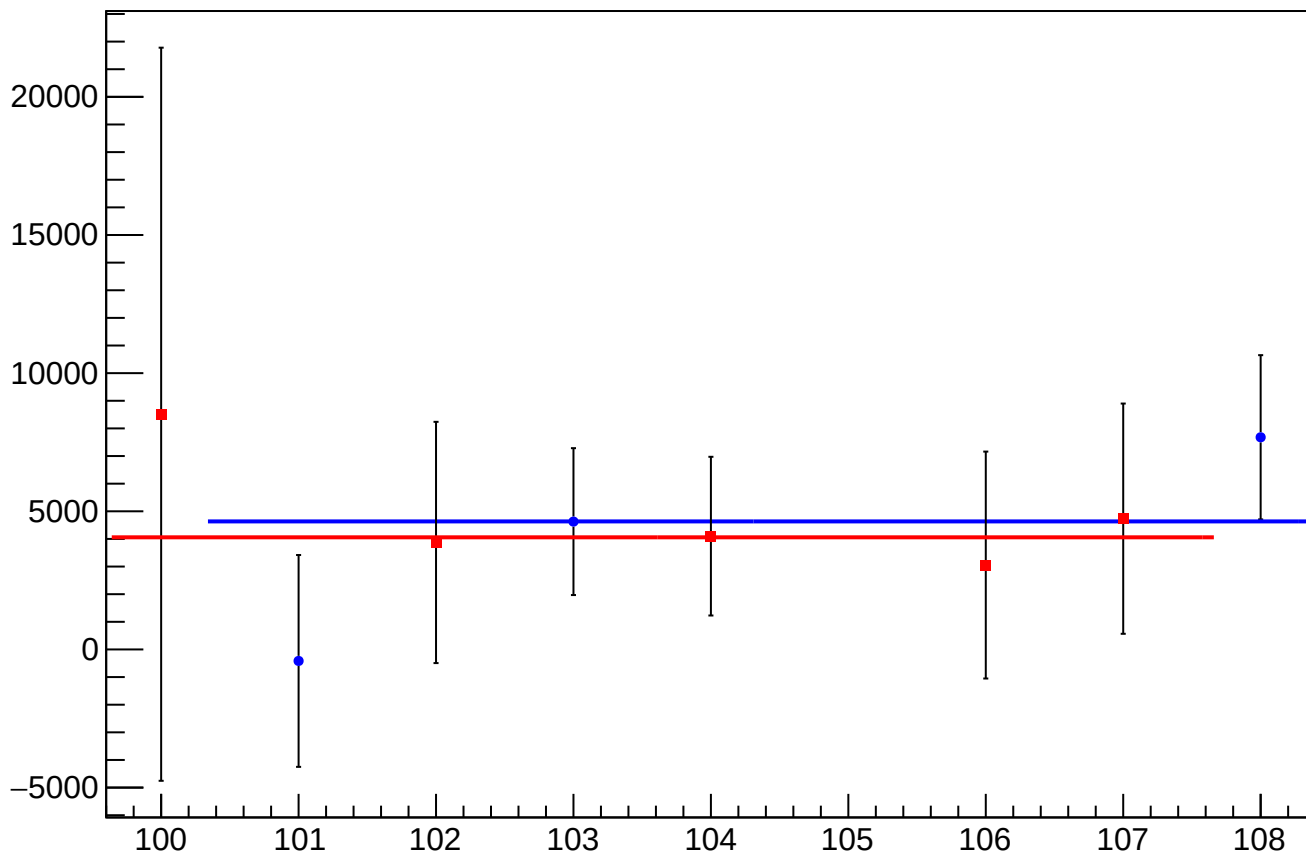
Right: 7222.429+/-2.858 χ^2/NDF : 322649.4/7

In: 7740.289+/-4.332 χ^2/NDF : 106905.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7222.429+/-2.858 χ^2/NDF : 322649.4/7

dit_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4633.985+/-1760.234 χ^2/NDF : 2.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4058.145+/-1837.150 χ^2/NDF : 0.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

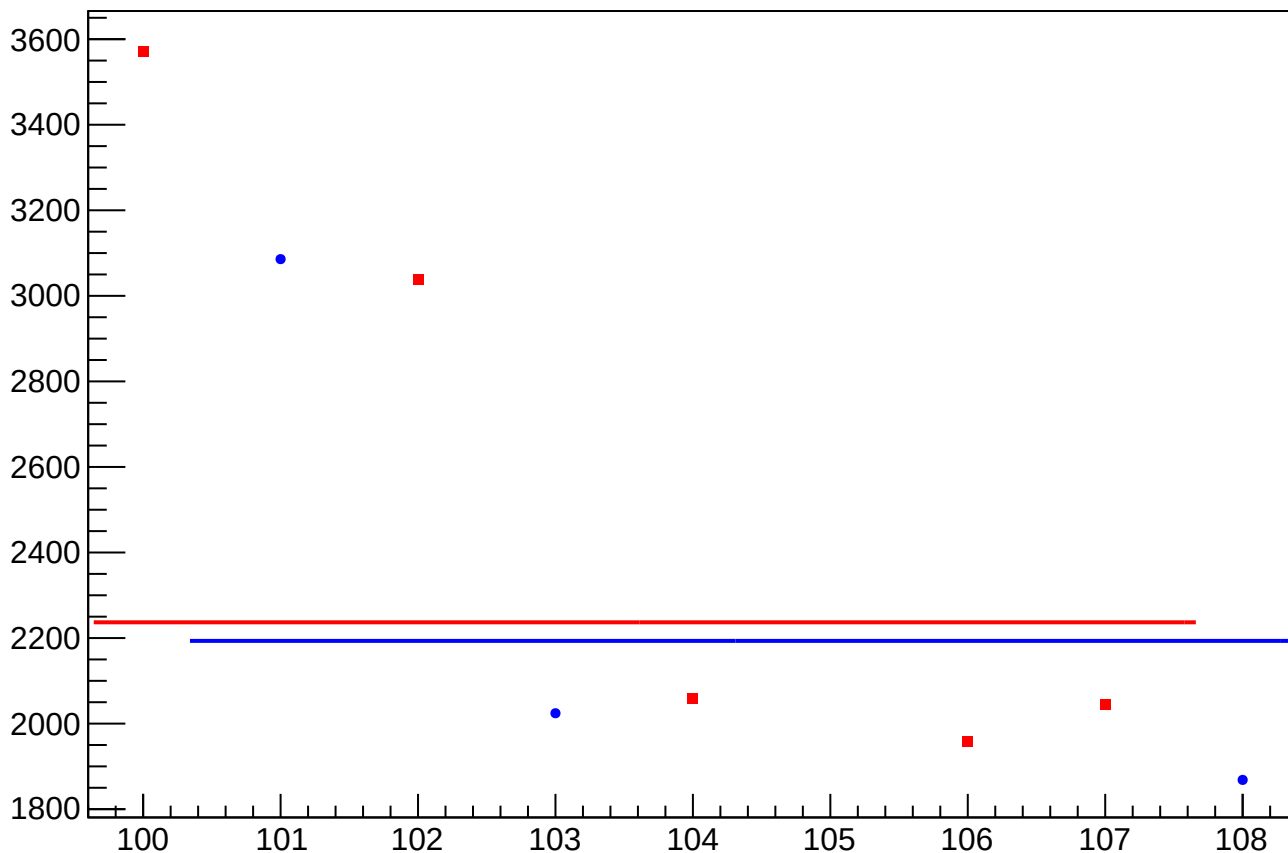
Right: 4358.371+/-1270.995 χ^2/NDF : 3.0/7

In: 4633.985+/-1760.234 χ^2/NDF : 2.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4358.371+/-1270.995 χ^2/NDF : 3.0/7

dit_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2193.394+/-1.245 χ^2/NDF : 140373.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2236.804+/-1.295 χ^2/NDF : 109223.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

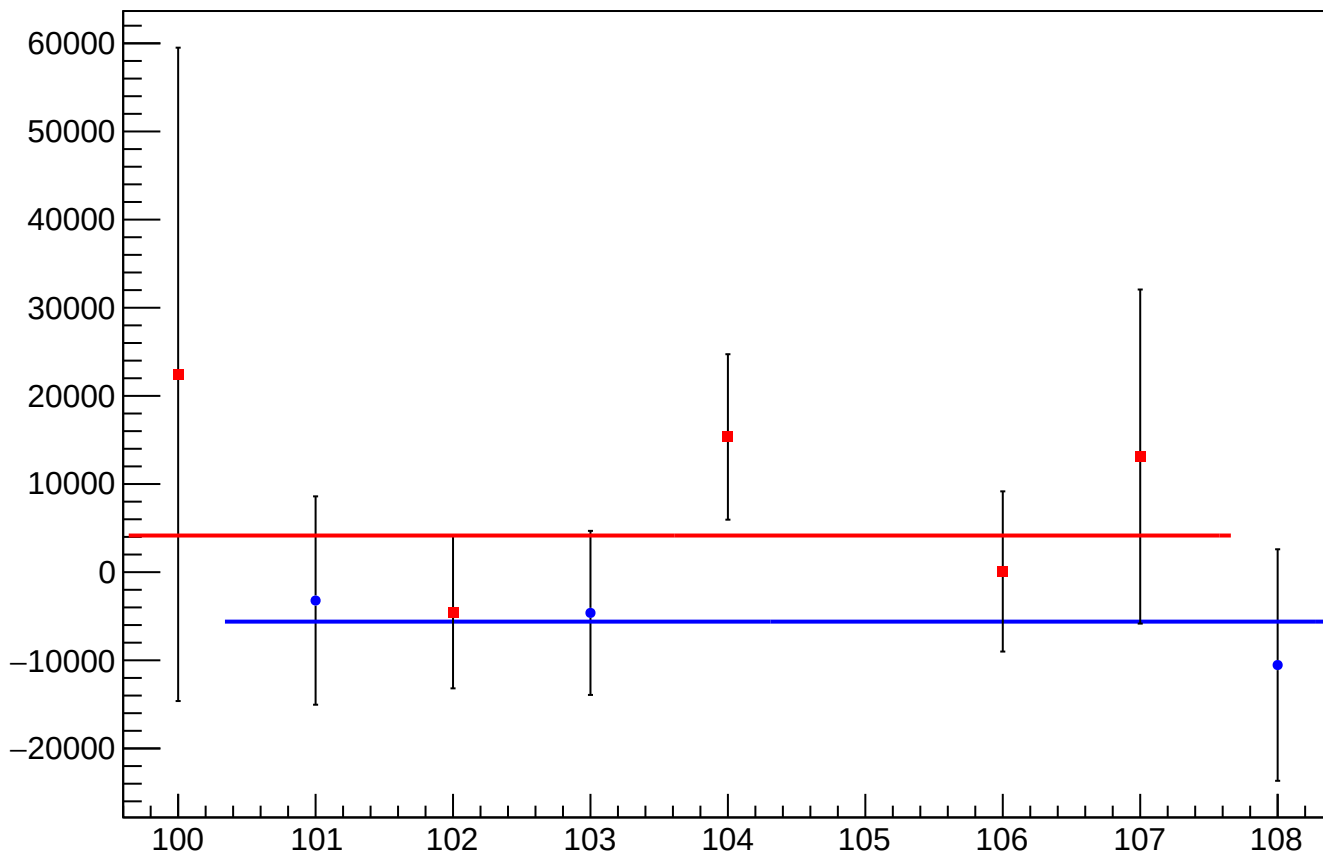
Right: 2214.235+/-0.897 χ^2/NDF : 250180.6/7

In: 2193.394+/-1.245 χ^2/NDF : 140373.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2214.235+/-0.897 χ^2/NDF : 250180.6/7

asym_us_avg_at2lr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -5611.433+/-6388.837 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4157.271+/-4980.778 χ^2/NDF : 3.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

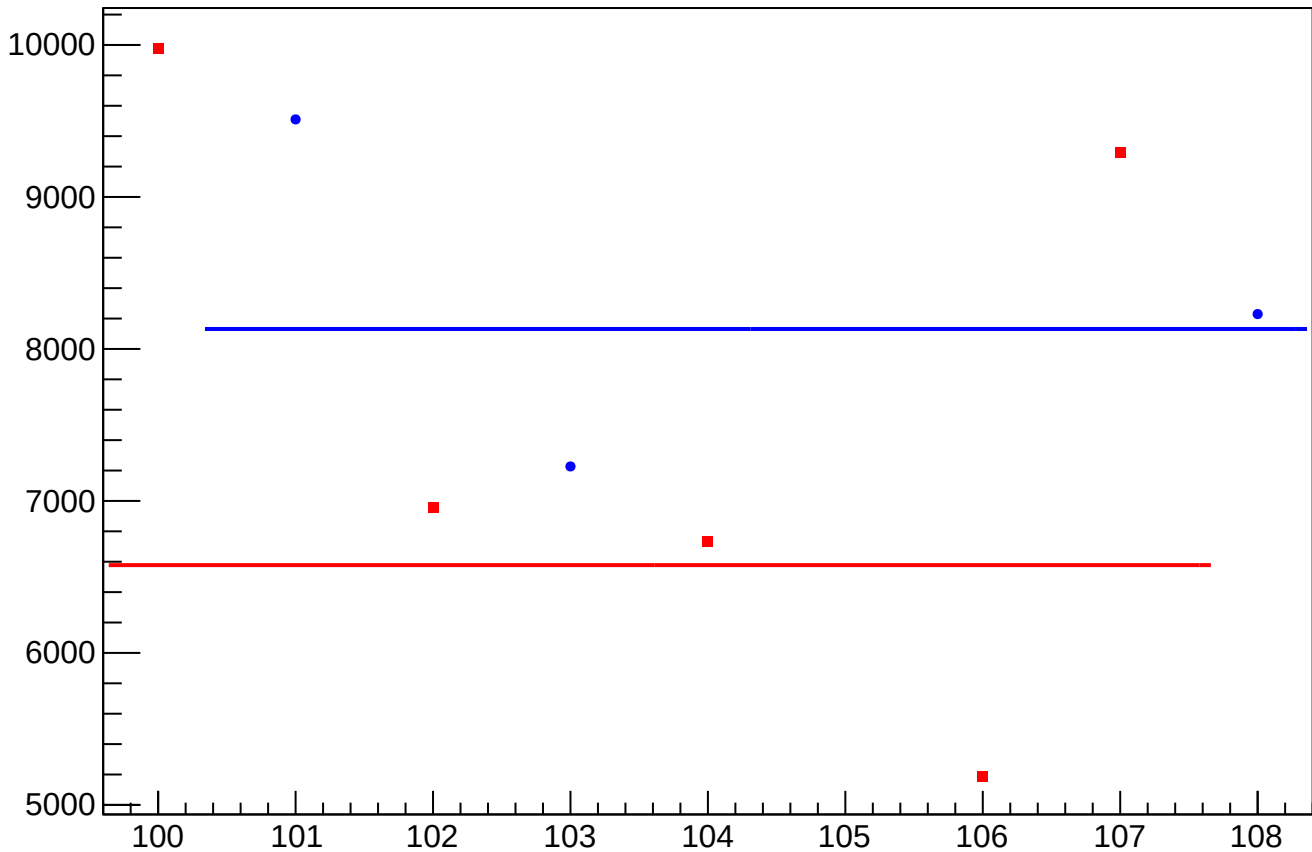
Right: 464.440+/-3928.104 χ^2/NDF : 4.7/7

In: -5611.433+/-6388.837 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 464.440+/-3928.104 χ^2/NDF : 4.7/7

asym_us_avg_at2lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 8131.218+/-4.518 χ^2/NDF : 46220.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6577.636+/-3.522 χ^2/NDF : 109147.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

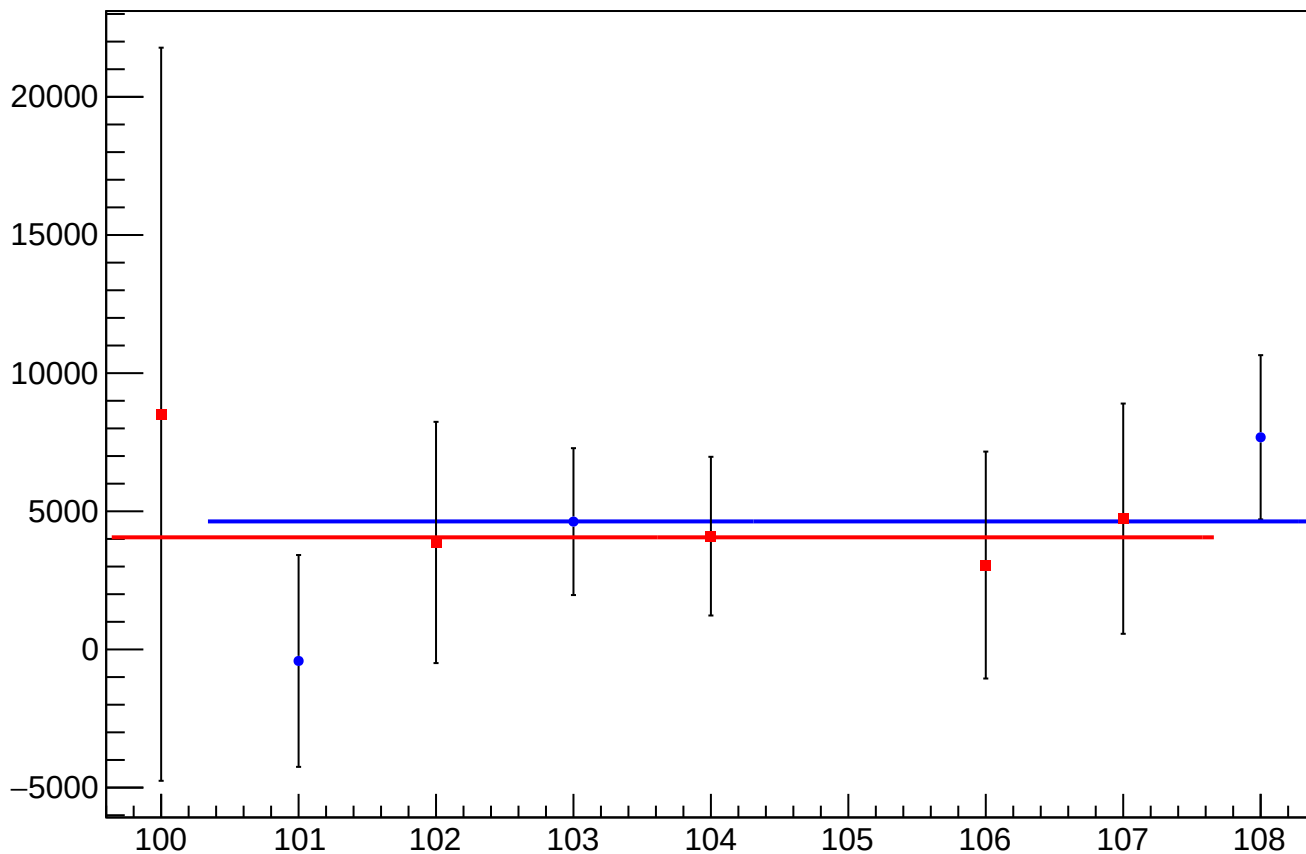
Right: 7164.931+/-2.778 χ^2/NDF : 228925.3/7

In: 8131.218+/-4.518 χ^2/NDF : 46220.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7164.931+/-2.778 χ^2/NDF : 228925.3/7

eigen_dit_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4633.982+/-1760.234 χ^2/NDF : 2.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4058.136+/-1837.149 χ^2/NDF : 0.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

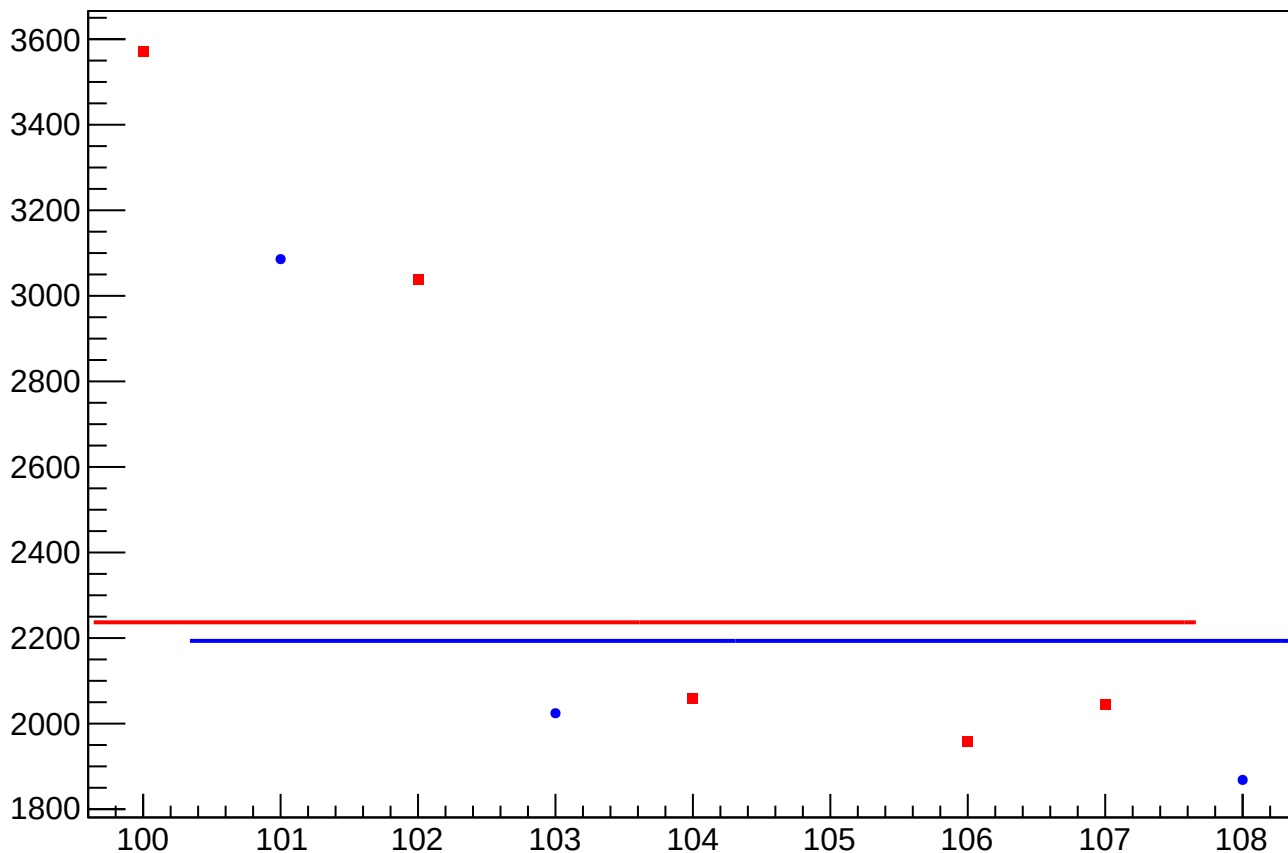
Right: 4358.366+/-1270.995 χ^2/NDF : 3.0/7

In: 4633.982+/-1760.234 χ^2/NDF : 2.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4358.366+/-1270.995 χ^2/NDF : 3.0/7

eigen_dit_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2193.394+/-1.245 χ^2/NDF : 140373.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2236.803+/-1.295 χ^2/NDF : 109223.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

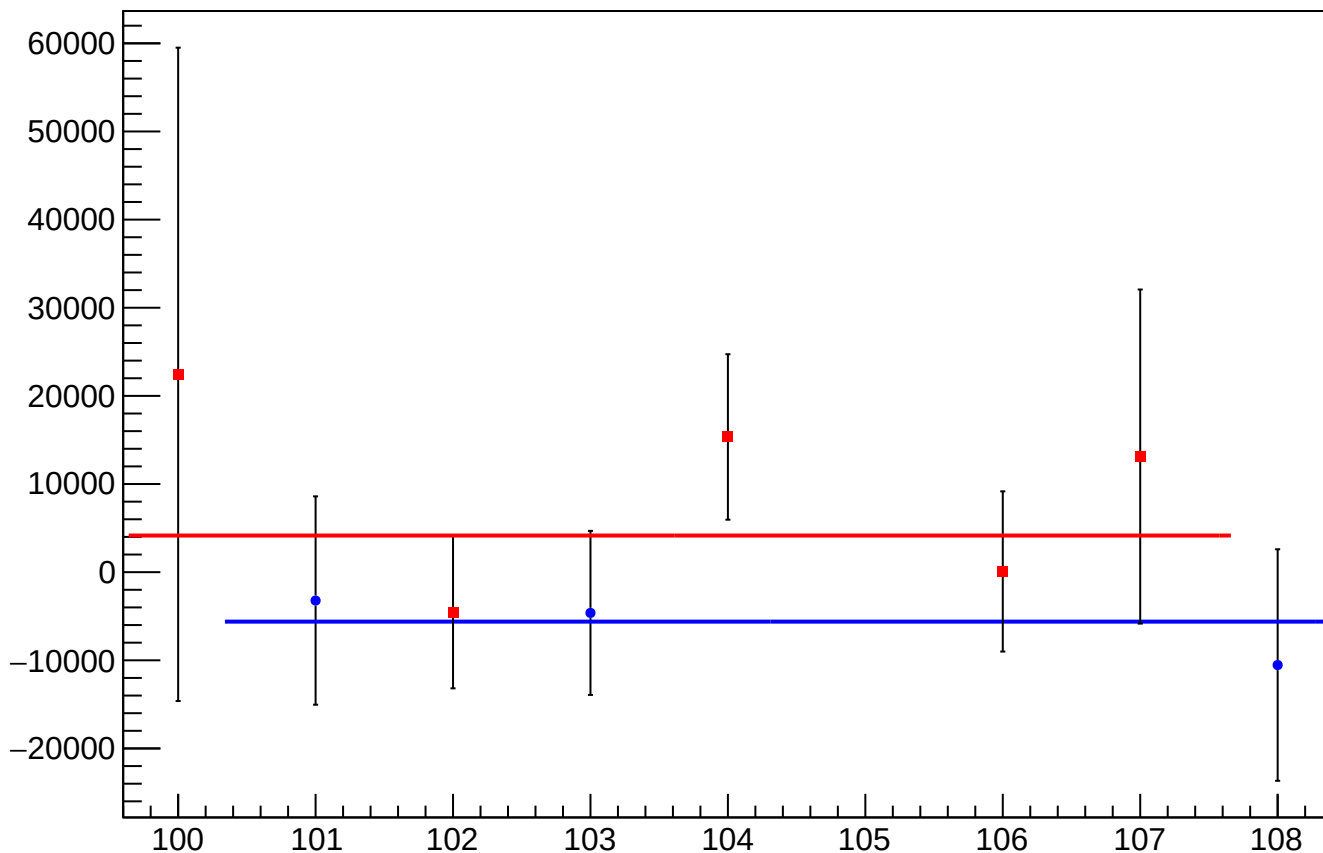
Right: 2214.234+/-0.897 χ^2/NDF : 250180.4/7

In: 2193.394+/-1.245 χ^2/NDF : 140373.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2214.234+/-0.897 χ^2/NDF : 250180.4/7

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -5611.437+/-6388.830 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4157.276+/-4980.771 χ^2/NDF : 3.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

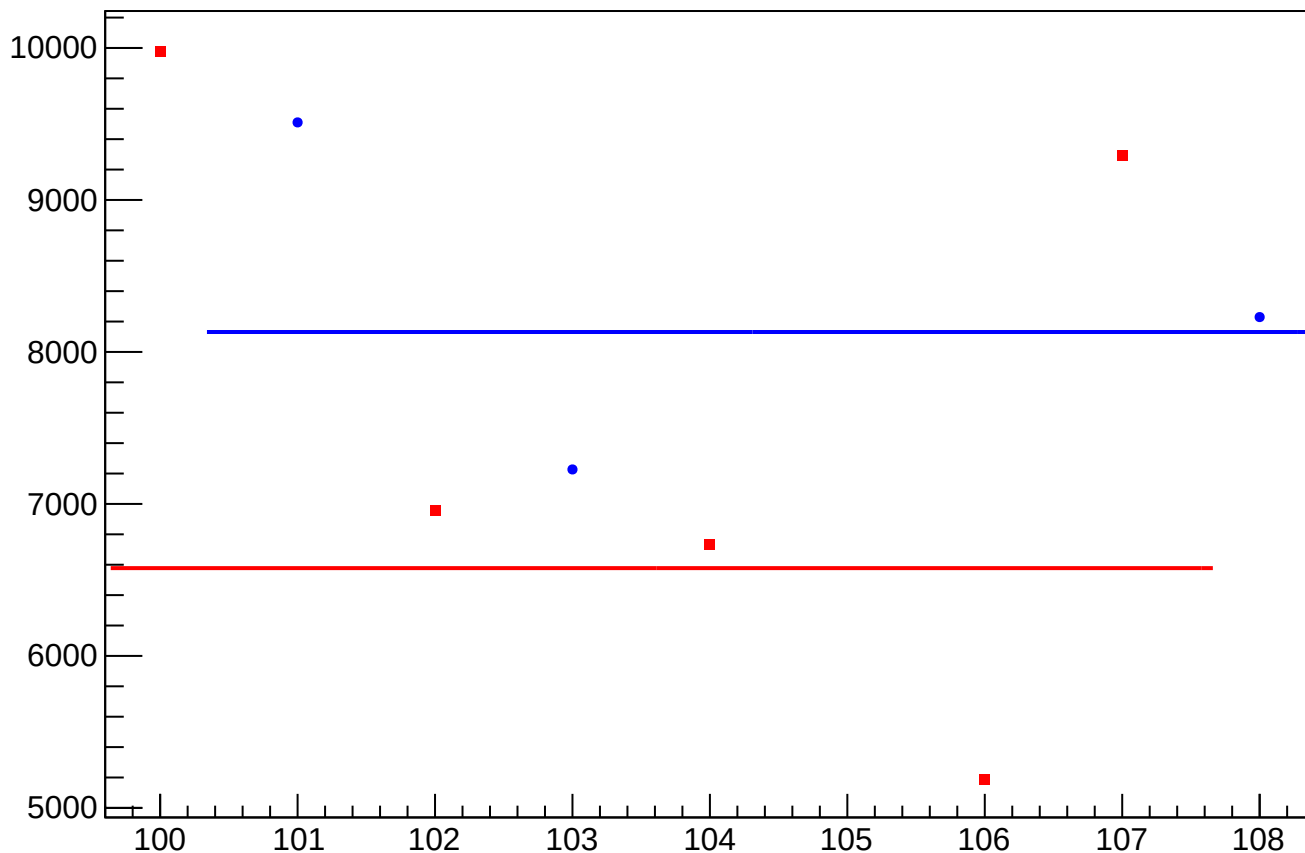
Right: 464.443+/-3928.100 χ^2/NDF : 4.7/7

In: -5611.437+/-6388.830 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 464.443+/-3928.100 χ^2/NDF : 4.7/7

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 8131.211+/-4.518 χ^2/NDF : 46219.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6577.627+/-3.522 χ^2/NDF : 109148.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

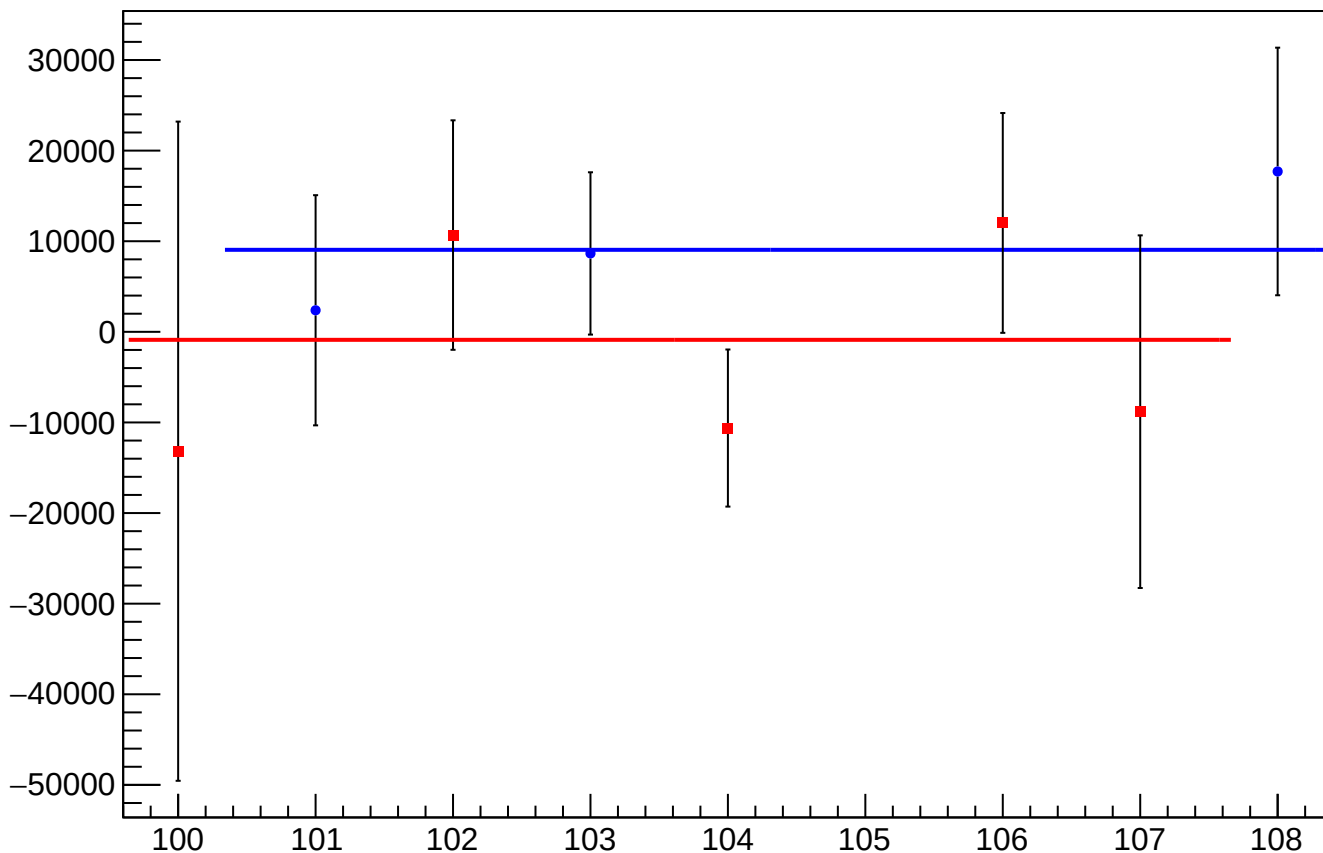
Right: 7164.923+/-2.778 χ^2/NDF : 228925.5/7

In: 8131.211+/-4.518 χ^2/NDF : 46219.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7164.923+/-2.778 χ^2/NDF : 228925.5/7

asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 9051.145 $\pm$ 6452.090 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -882.818 $\pm$ 5798.975 χ^2 /NDF: 3.5/4

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

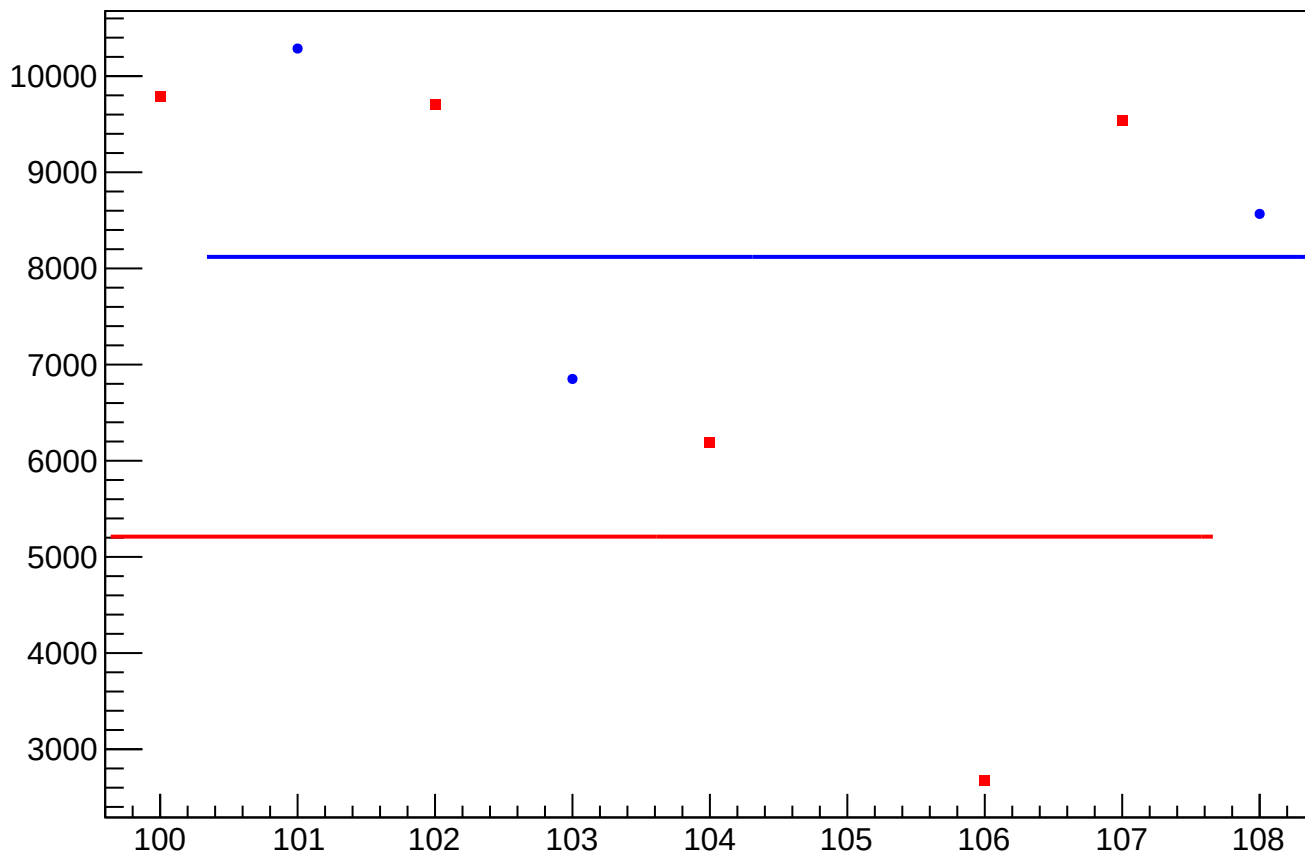
Right: 3556.075 $\pm$ 4312.971 χ^2 /NDF: 5.5/7

In: 9051.145 $\pm$ 6452.090 χ^2 /NDF: 0.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3556.075 $\pm$ 4312.971 χ^2 /NDF: 5.5/7

asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 8120.076+/-4.562 χ^2/NDF : 100527.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5210.823+/-3.333 χ^2/NDF : 691807.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

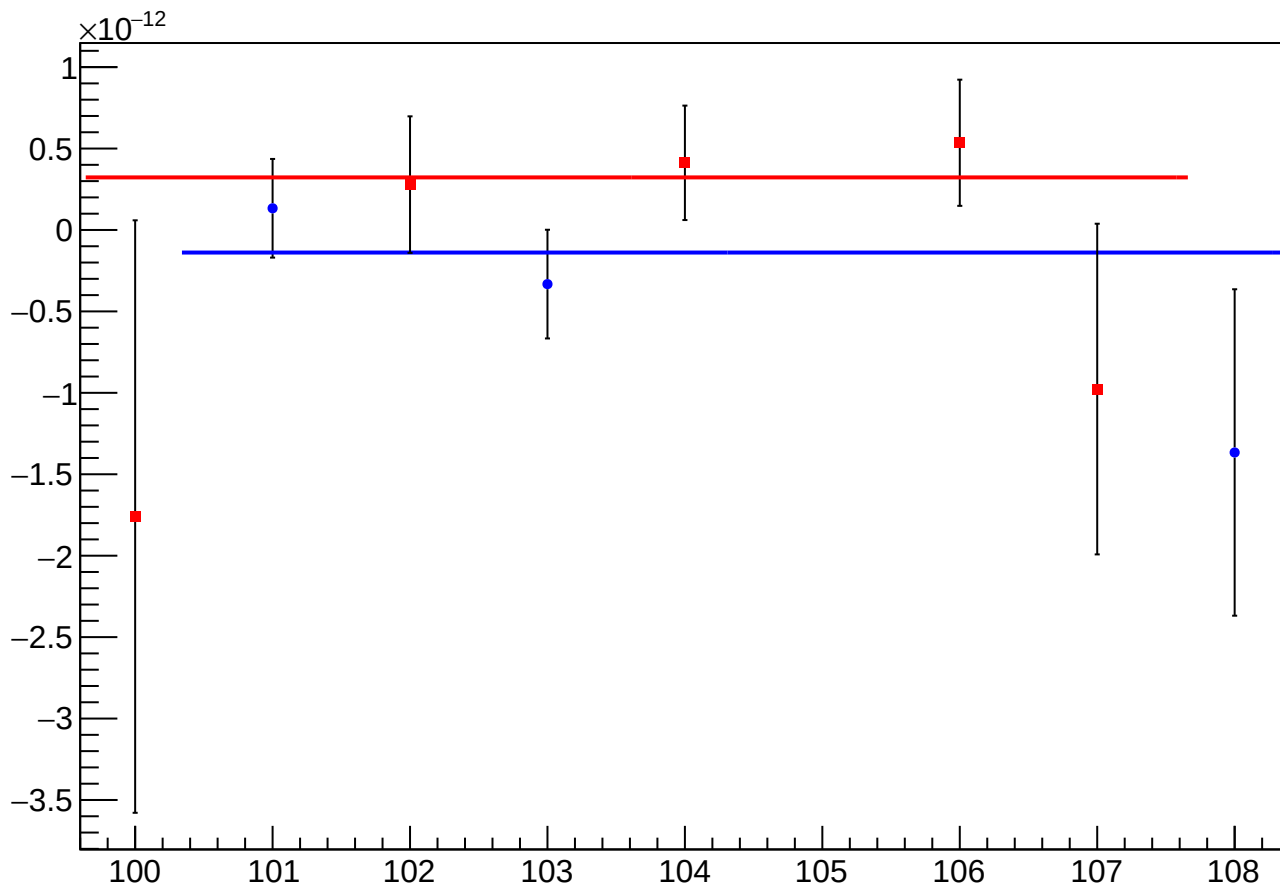
Right: 6223.206+/-2.691 χ^2/NDF : 1057481.8/7

In: 8120.076+/-4.562 χ^2/NDF : 100527.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6223.206+/-2.691 χ^2/NDF : 1057481.8/7

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

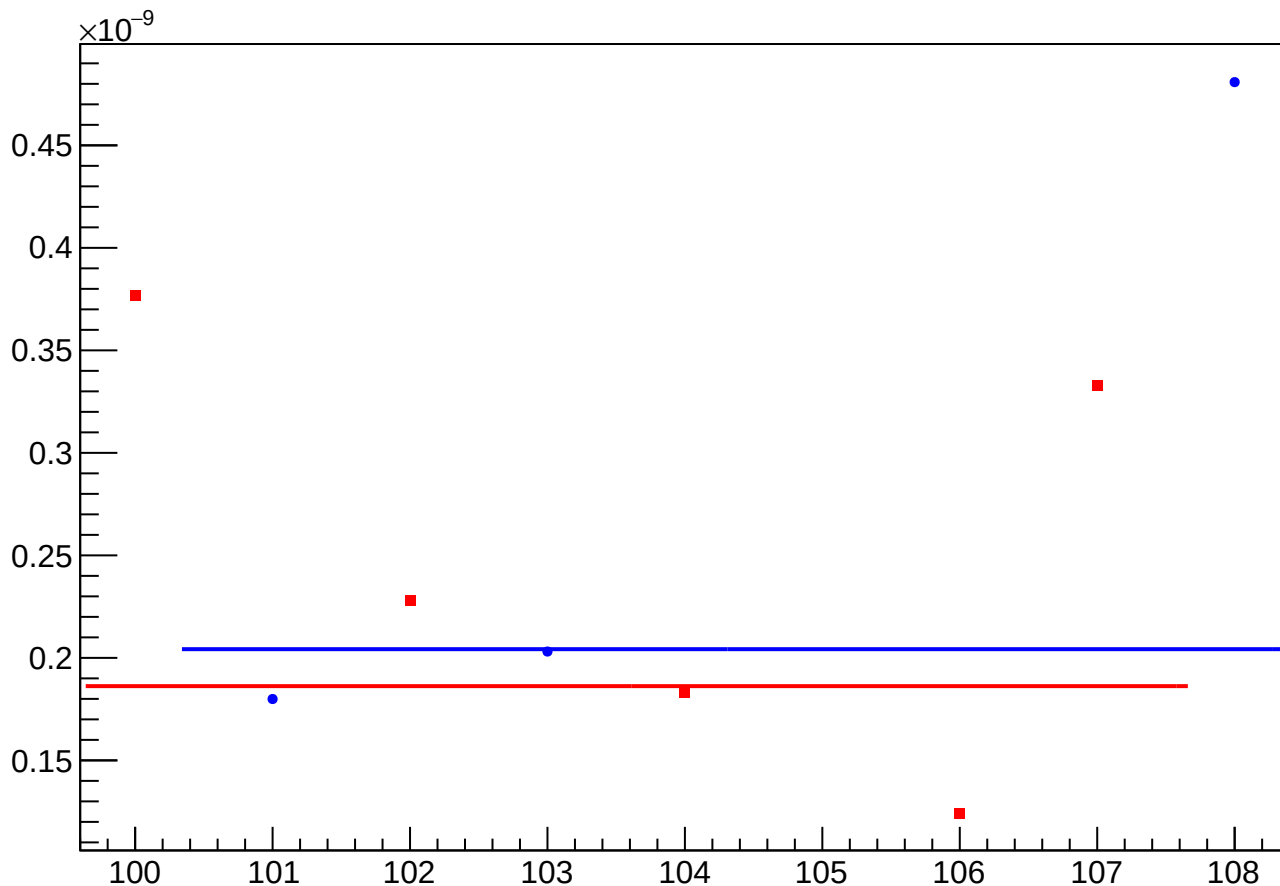
Right: 0.000+/-0.000 χ^2/NDF : 8.2/7

In: -0.000+/-0.000 χ^2/NDF : 2.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.2/7

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 165252.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 134988.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

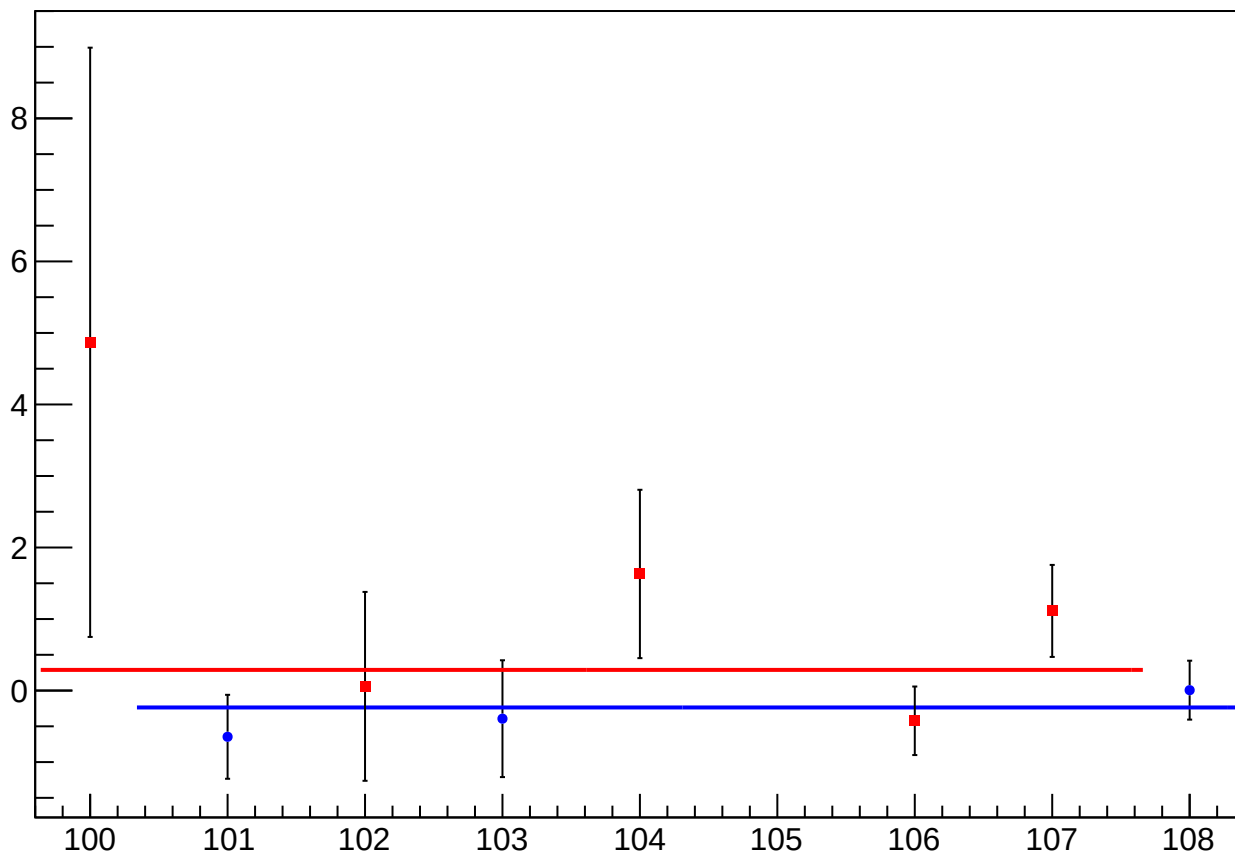
Right: 0.000+/-0.000 χ^2/NDF : 307161.2/7

In: 0.000+/-0.000 χ^2/NDF : 165252.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 307161.2/7

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.236 $\pm$ 0.312 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.289 $\pm$ 0.351 χ^2 /NDF: 6.4/4

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

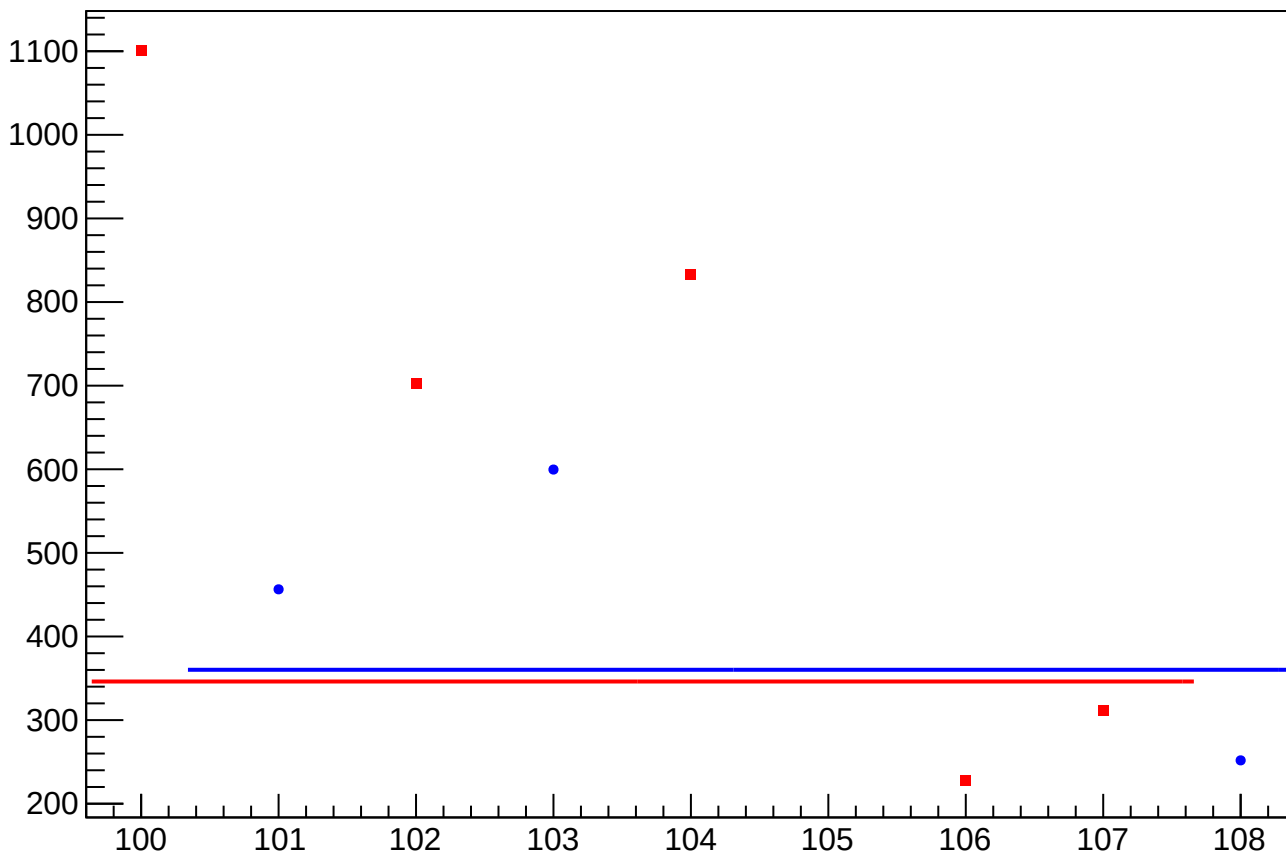
Right: -0.005 $\pm$ 0.233 χ^2 /NDF: 8.5/7

In: -0.236 $\pm$ 0.312 χ^2 /NDF: 0.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.005 $\pm$ 0.233 χ^2 /NDF: 8.5/7

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 360.178+/-0.220 χ^2/NDF : 364049.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 346.161+/-0.248 χ^2/NDF : 683469.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

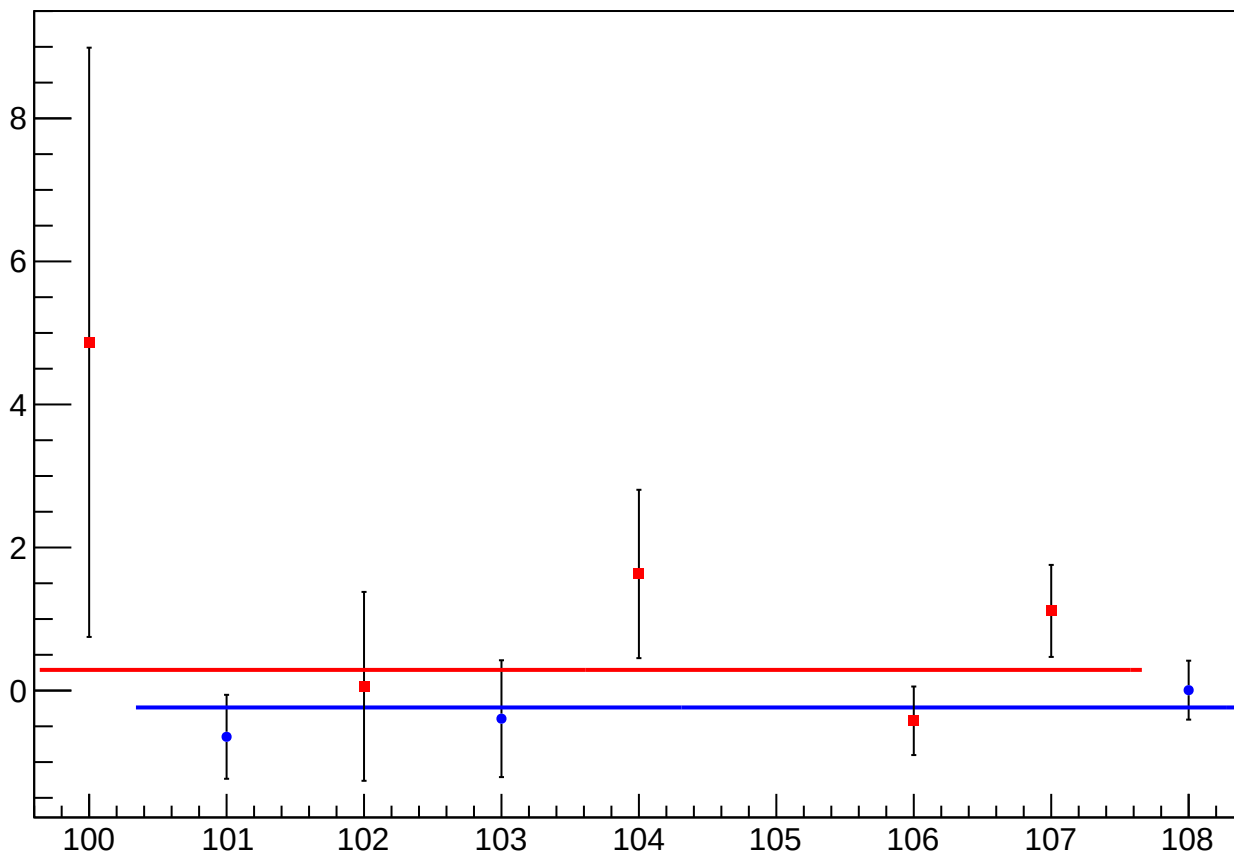
Right: 353.994+/-0.165 χ^2/NDF : 1049303.5/7

In: 360.178+/-0.220 χ^2/NDF : 364049.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 353.994+/-0.165 χ^2/NDF : 1049303.5/7

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.236+/-0.312 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.289+/-0.351 χ^2/NDF : 6.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

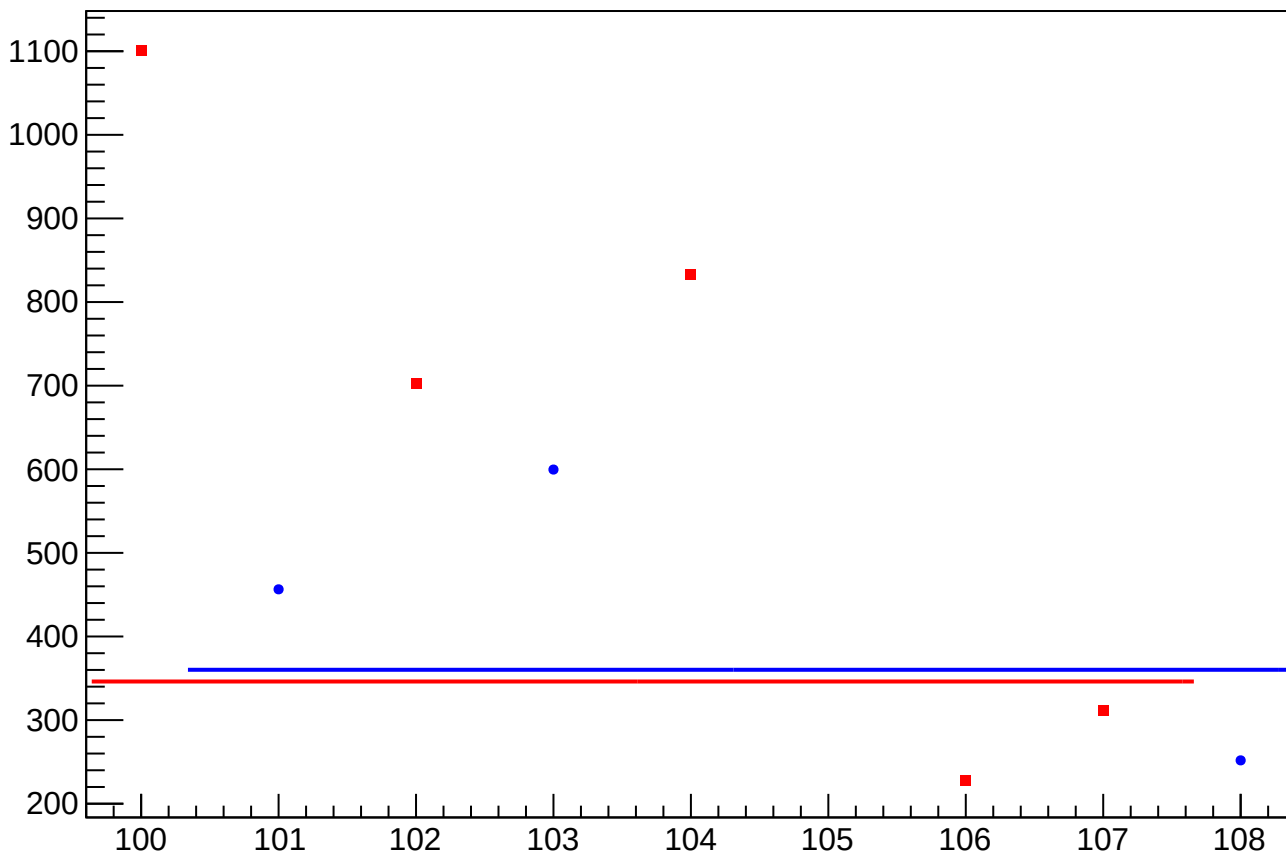
Right: -0.005+/-0.233 χ^2/NDF : 8.5/7

In: -0.236+/-0.312 χ^2/NDF : 0.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.233 χ^2/NDF : 8.5/7

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 360.178+/-0.220 χ^2/NDF : 364049.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 346.161+/-0.248 χ^2/NDF : 683469.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

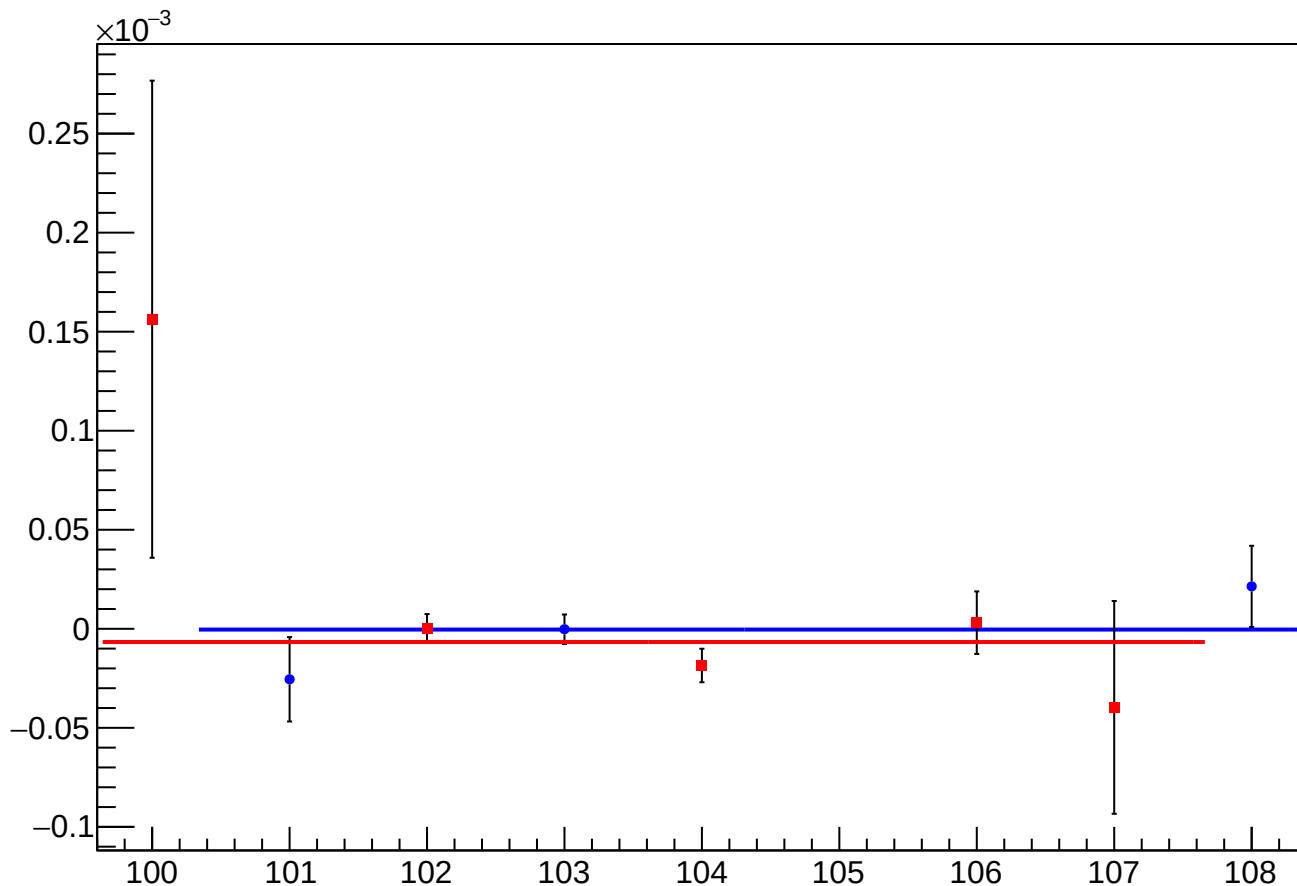
Right: 353.994+/-0.165 χ^2/NDF : 1049303.5/7

In: 360.178+/-0.220 χ^2/NDF : 364049.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 353.994+/-0.165 χ^2/NDF : 1049303.5/7

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 : 2.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

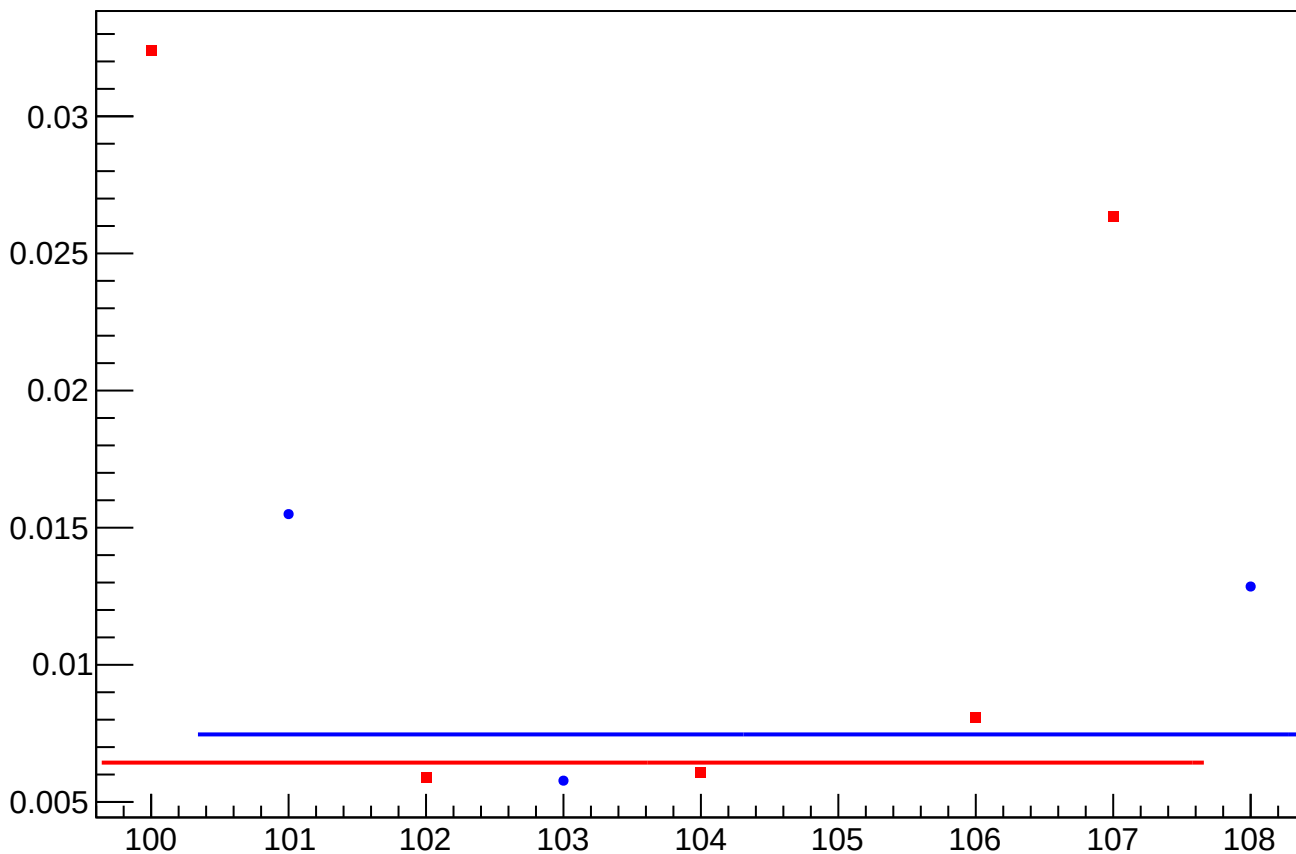
Right: -0.000+/-0.000 χ^2/NDF : 8.5/7

In: -0.000+/-0.000 χ^2/NDF : 2.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.5/7

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 525865.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 403965.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

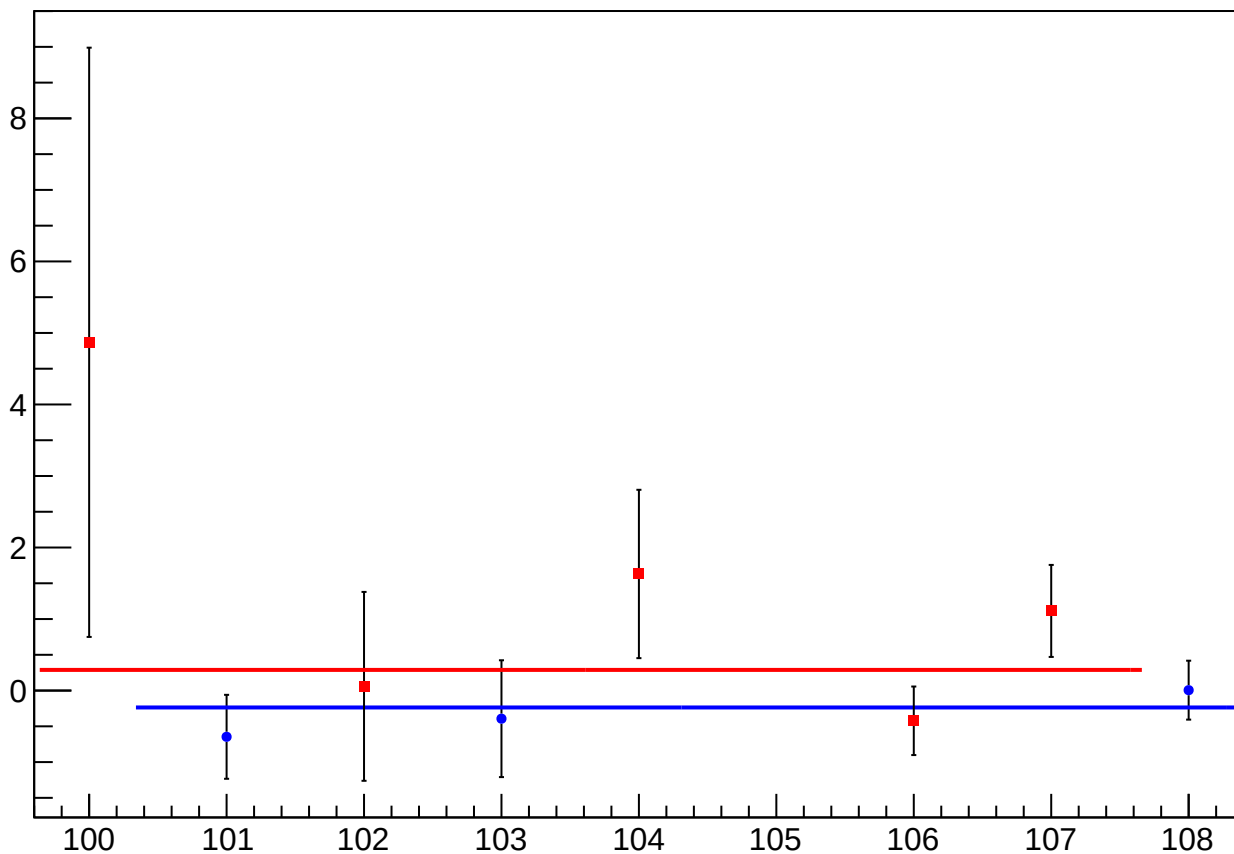
Right: 0.007+/-0.000 χ^2/NDF : 959613.6/7

In: 0.007+/-0.000 χ^2/NDF : 525865.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 959613.6/7

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.236 ± 0.312 χ^2/NDF : 0.9/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.289 ± 0.351 χ^2/NDF : 6.4/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

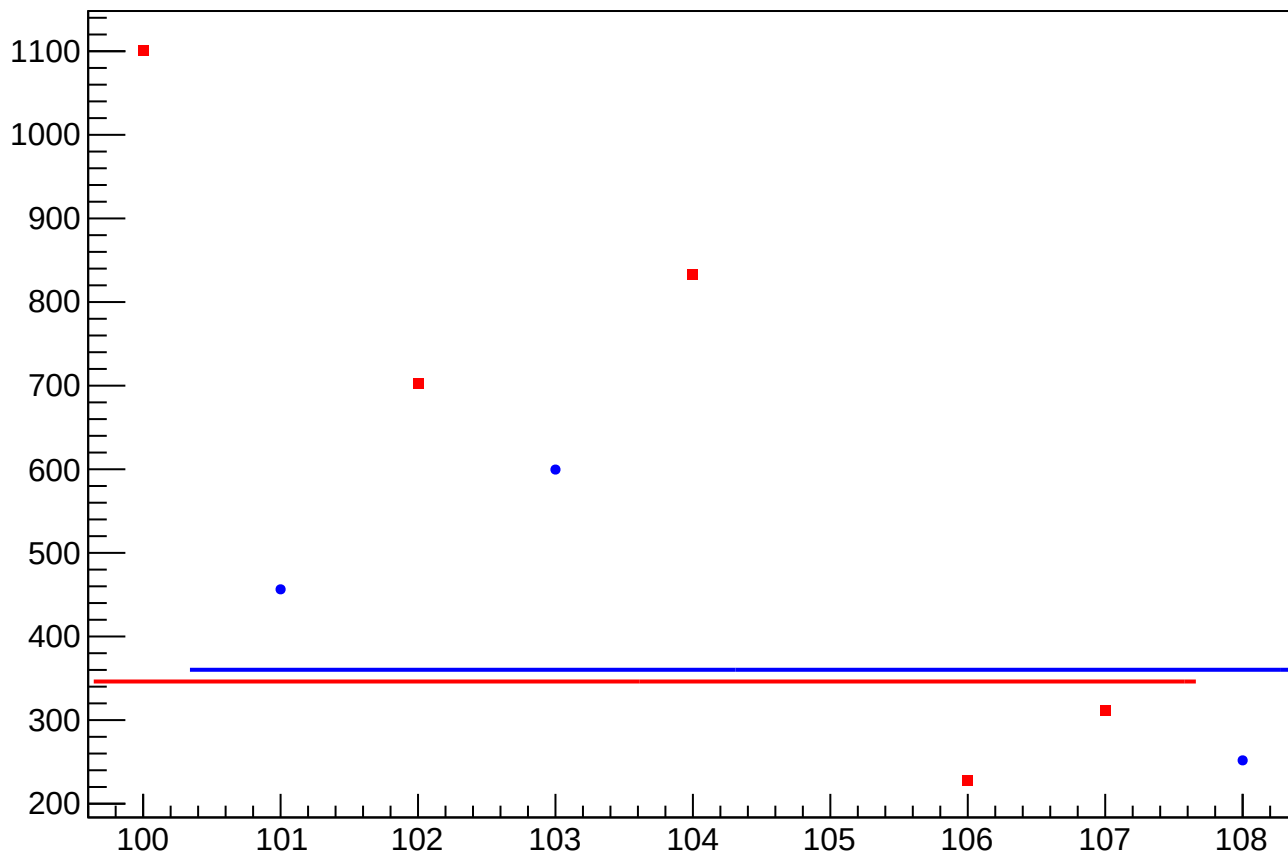
Right: -0.005 ± 0.233 χ^2/NDF : 8.5/7

In: -0.236 ± 0.312 χ^2/NDF : 0.9/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.005 ± 0.233 χ^2/NDF : 8.5/7

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 360.182+/-0.220 χ^2/NDF : 364025.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 346.160+/-0.248 χ^2/NDF : 683464.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

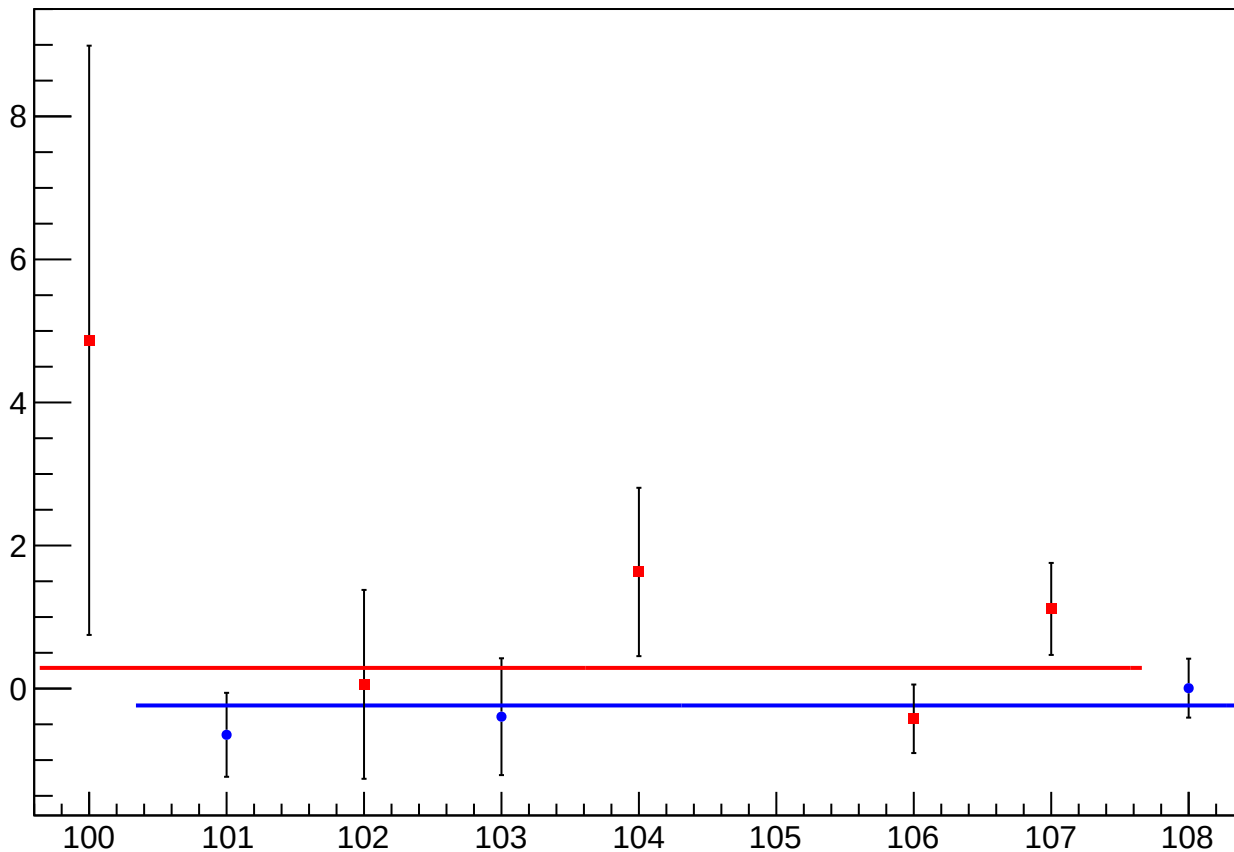
Right: 353.996+/-0.165 χ^2/NDF : 1049275.8/7

In: 360.182+/-0.220 χ^2/NDF : 364025.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 353.996+/-0.165 χ^2/NDF : 1049275.8/7

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.236+/-0.312 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.289+/-0.351 χ^2/NDF : 6.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

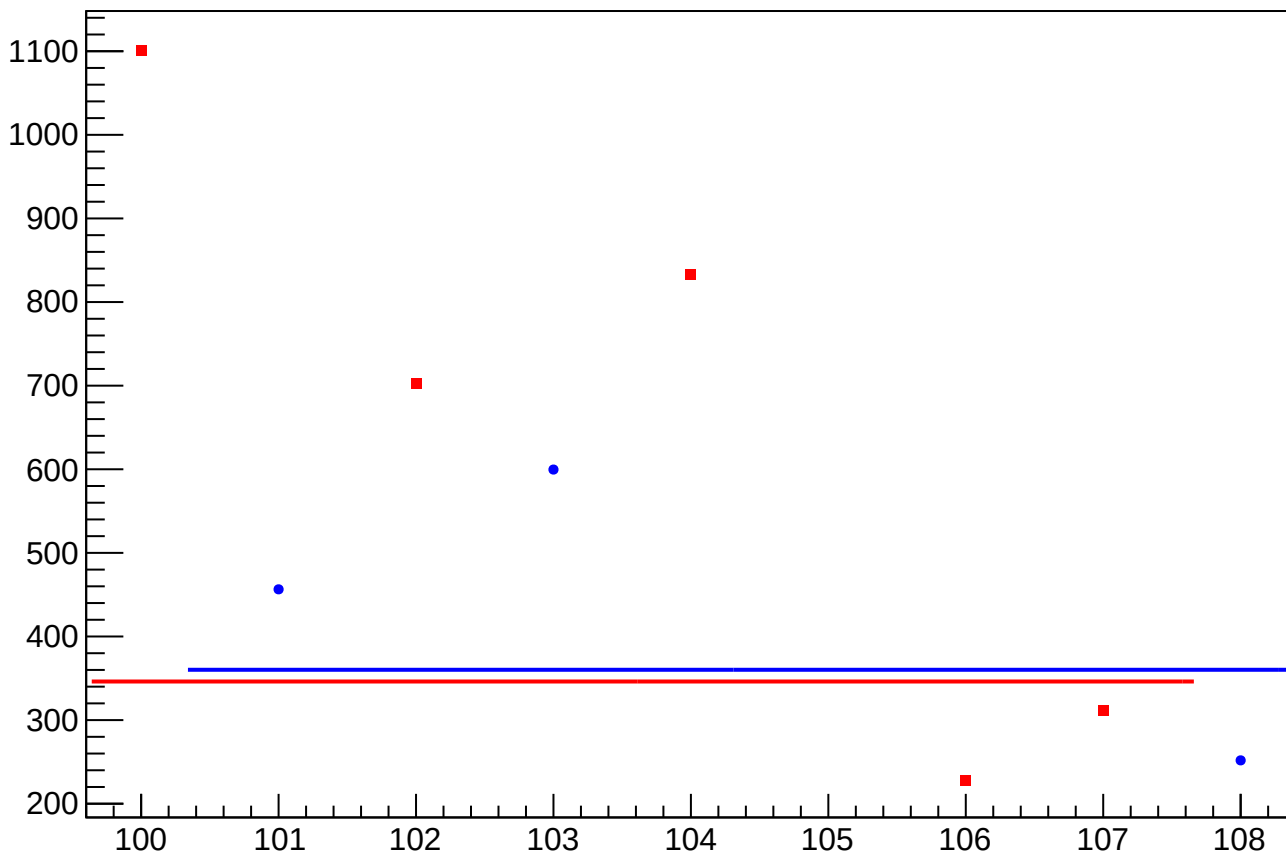
Right: -0.005+/-0.233 χ^2/NDF : 8.5/7

In: -0.236+/-0.312 χ^2/NDF : 0.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.233 χ^2/NDF : 8.5/7

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 360.182+/-0.220 χ^2/NDF : 364025.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 346.160+/-0.248 χ^2/NDF : 683464.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

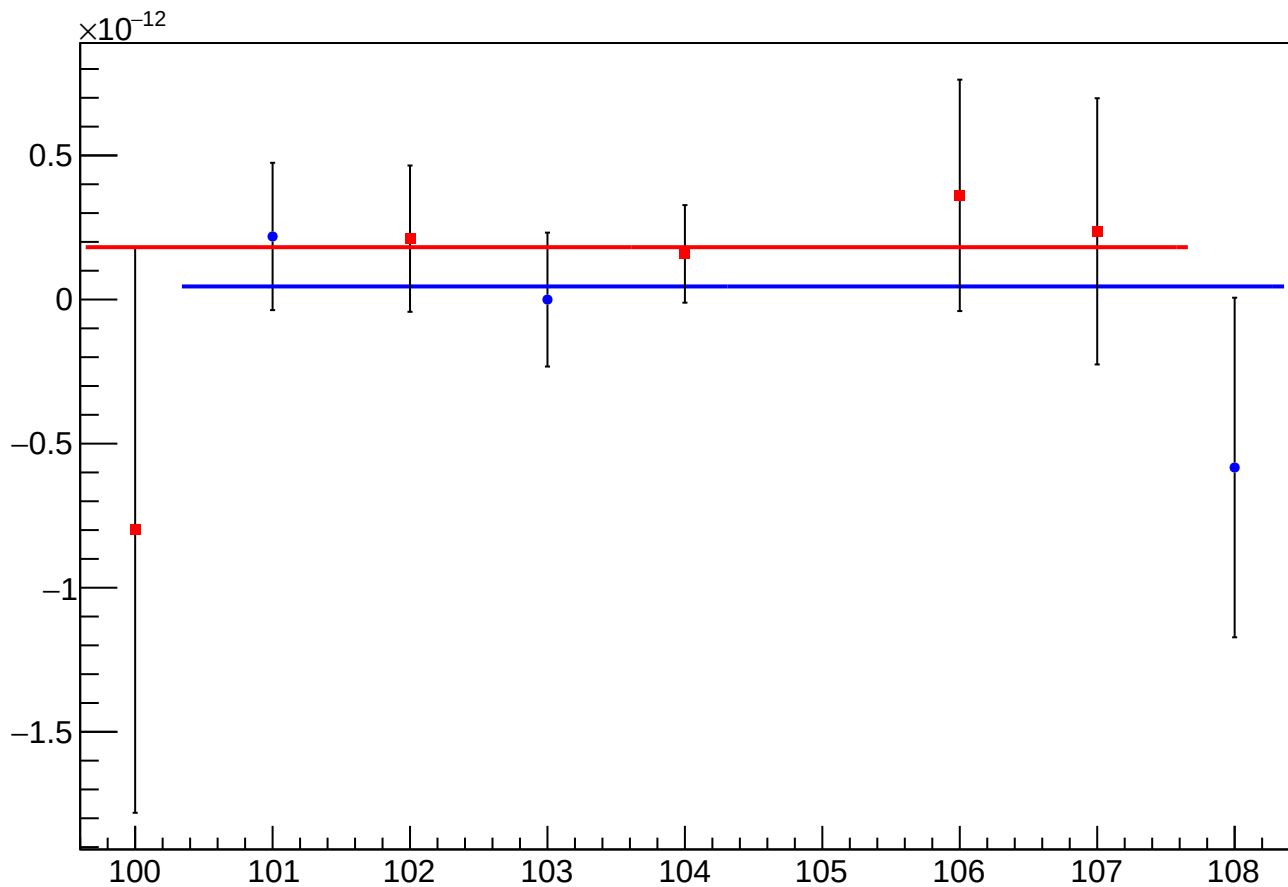
Right: 353.996+/-0.165 χ^2/NDF : 1049275.8/7

In: 360.182+/-0.220 χ^2/NDF : 364025.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 353.996+/-0.165 χ^2/NDF : 1049275.8/7

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 : 1.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

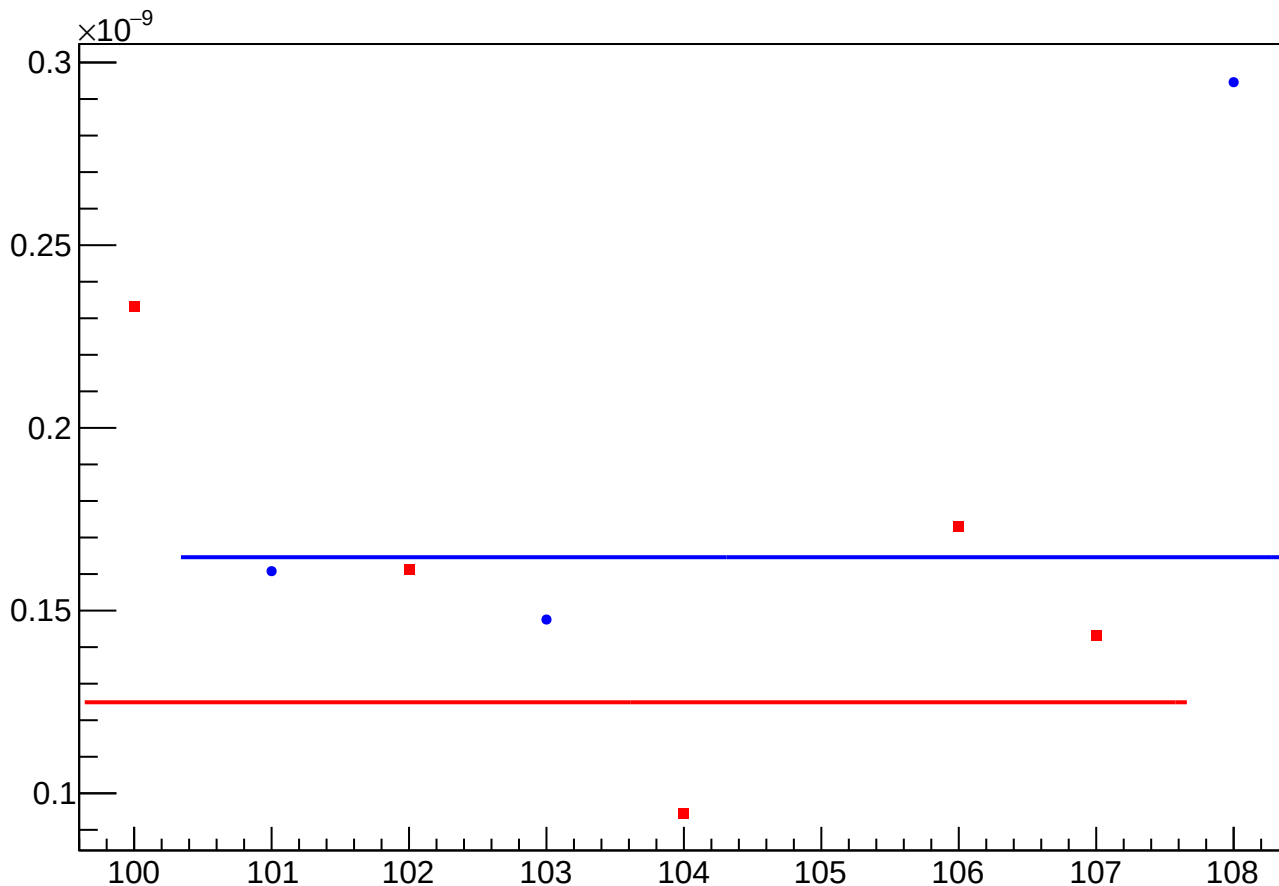
Right: 0.000+/-0.000 χ^2/NDF : 3.3/7

In: 0.000+/-0.000 χ^2/NDF : 1.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.3/7

asym_us_avg_at2lr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 108579.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 161705.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

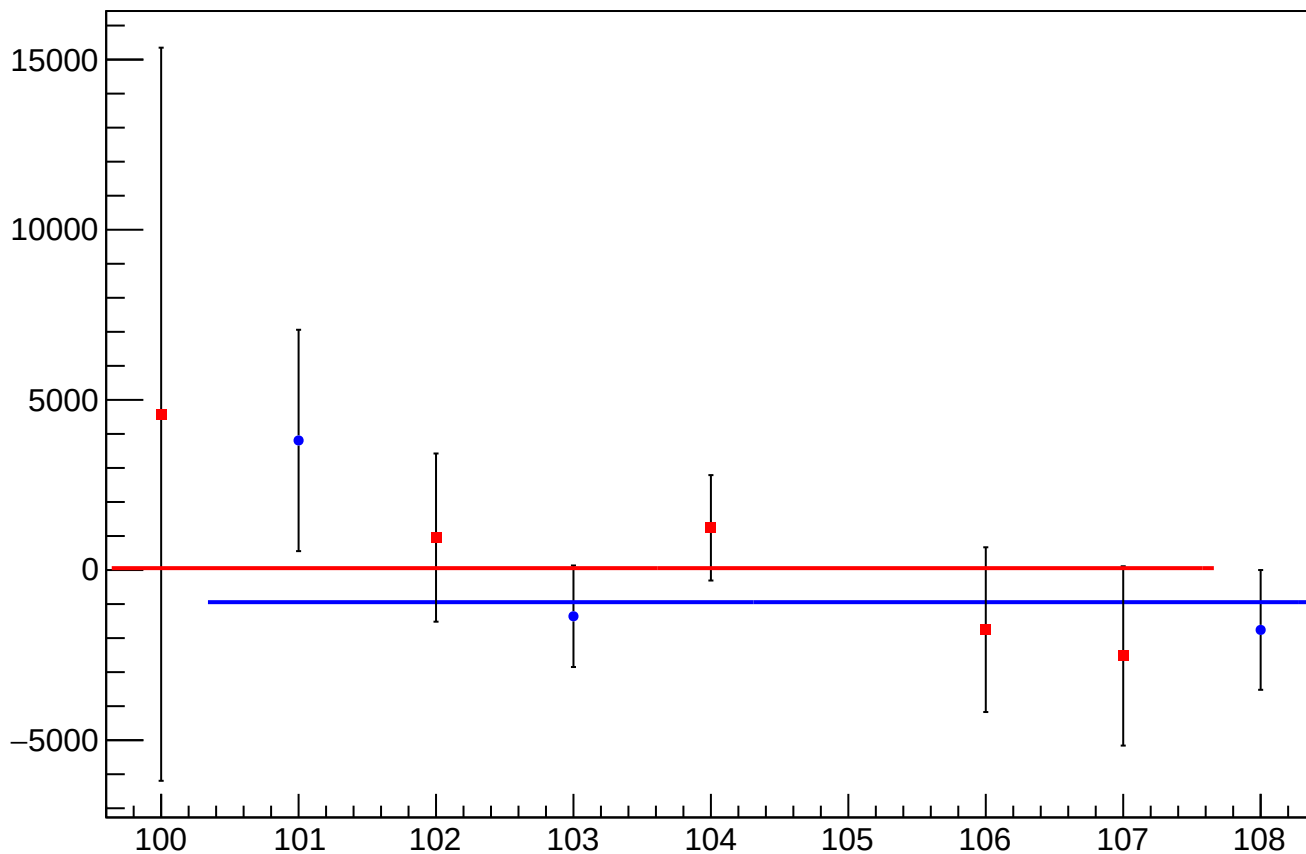
Right: 0.000+/-0.000 χ^2/NDF : 343116.3/7

In: 0.000+/-0.000 χ^2/NDF : 108579.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 343116.3/7

reg_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -943.909 $\pm$ 1074.168 χ^2 /NDF: 2.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 55.839 $\pm$ 1051.738 χ^2 /NDF: 2.4/4

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

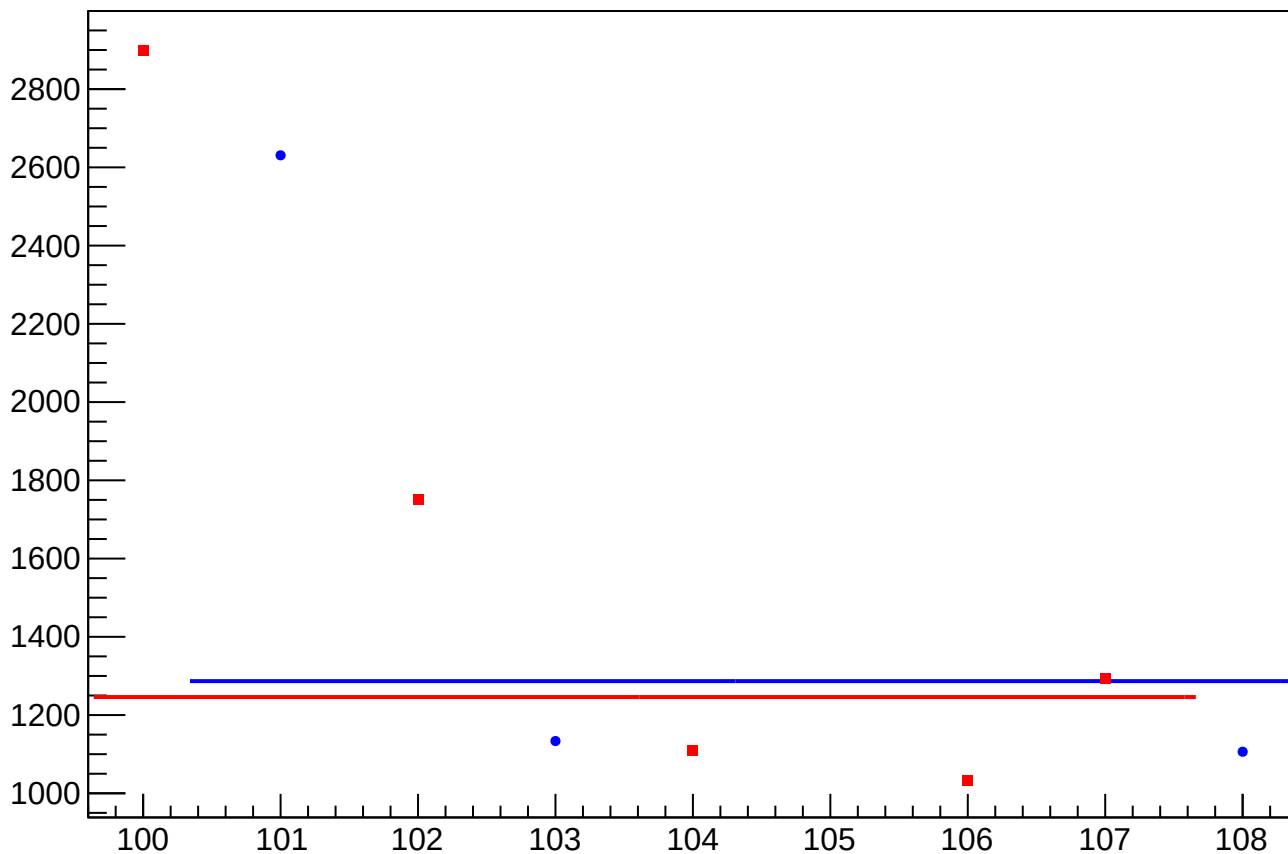
Right: -433.488 $\pm$ 751.496 χ^2 /NDF: 5.3/7

In: -943.909 $\pm$ 1074.168 χ^2 /NDF:2.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -433.488 $\pm$ 751.496 χ^2 /NDF: 5.3/7

reg_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1286.746+/-0.760 χ^2/NDF : 383668.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1246.075+/-0.724 χ^2/NDF : 166605.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

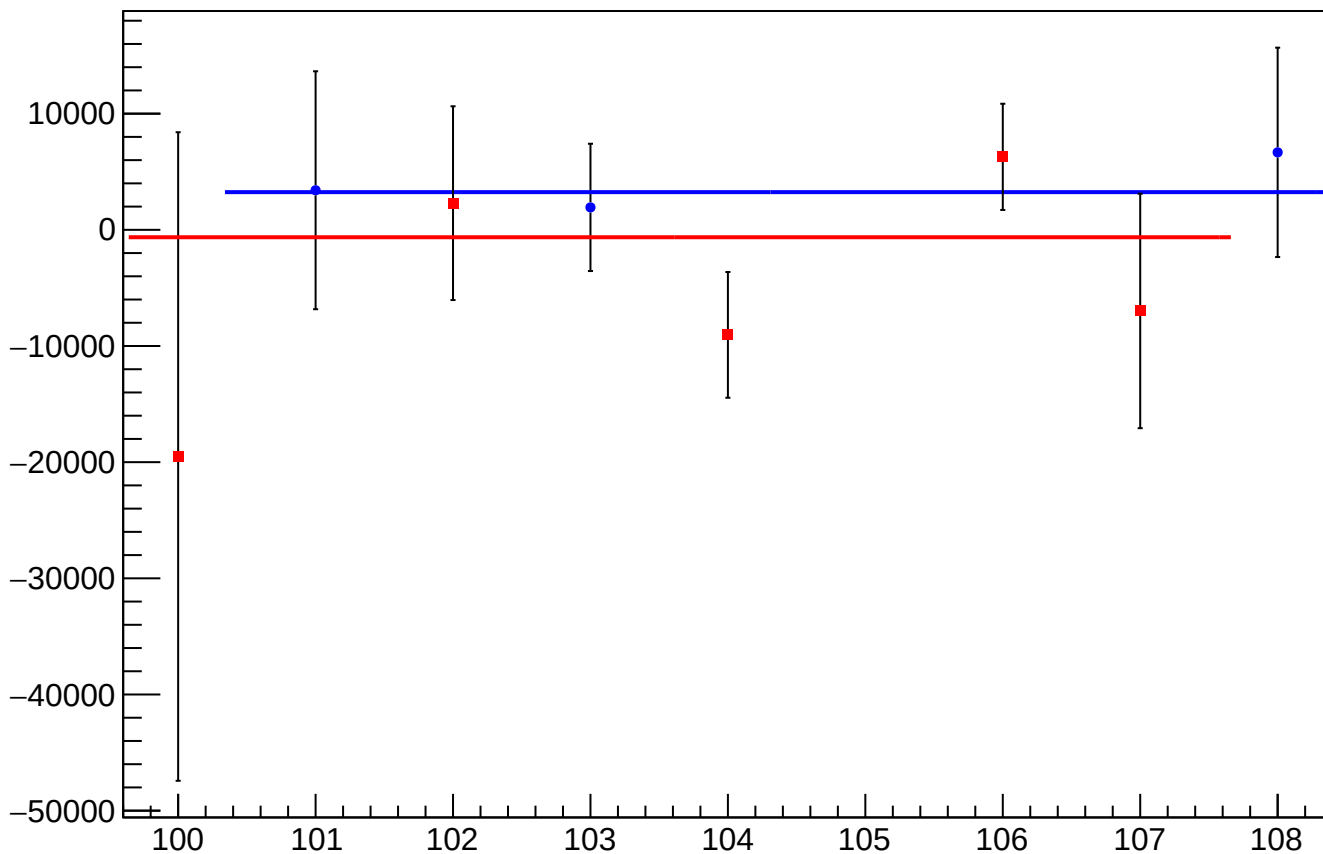
Right: 1265.438+/-0.524 χ^2/NDF : 551776.9/7

In: 1286.746+/-0.760 χ^2/NDF : 383668.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1265.438+/-0.524 χ^2/NDF : 551776.9/7

asym_us_avg_at2lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 3244.530+/-4257.617 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -638.242+/-3050.539 χ^2/NDF : 5.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

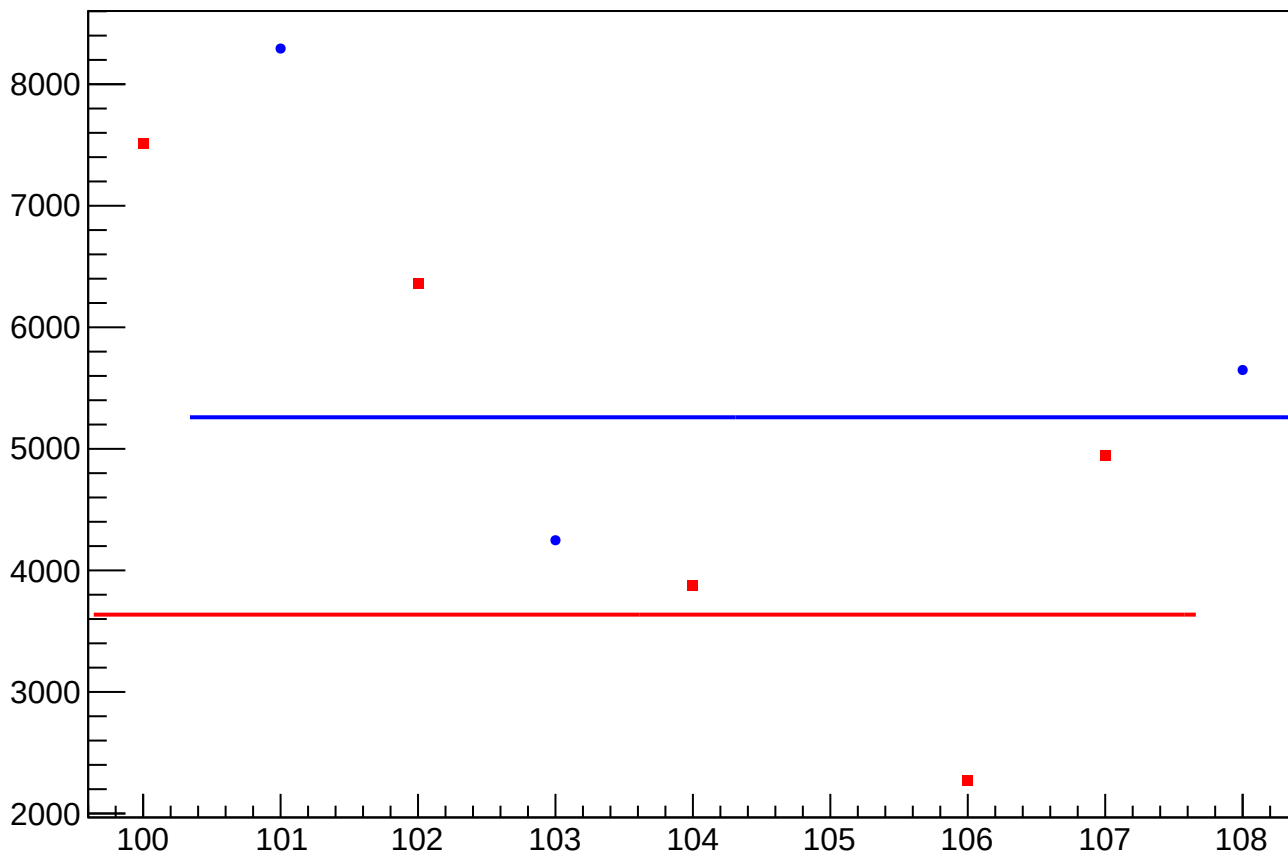
Right: 678.863+/-2479.738 χ^2/NDF : 6.4/7

In: 3244.530+/-4257.617 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 678.863+/-2479.738 χ^2/NDF : 6.4/7

asym_us_avg_at2lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 5259.814+/-3.011 χ^2/NDF : 247398.7/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3636.060+/-2.157 χ^2/NDF : 467126.4/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

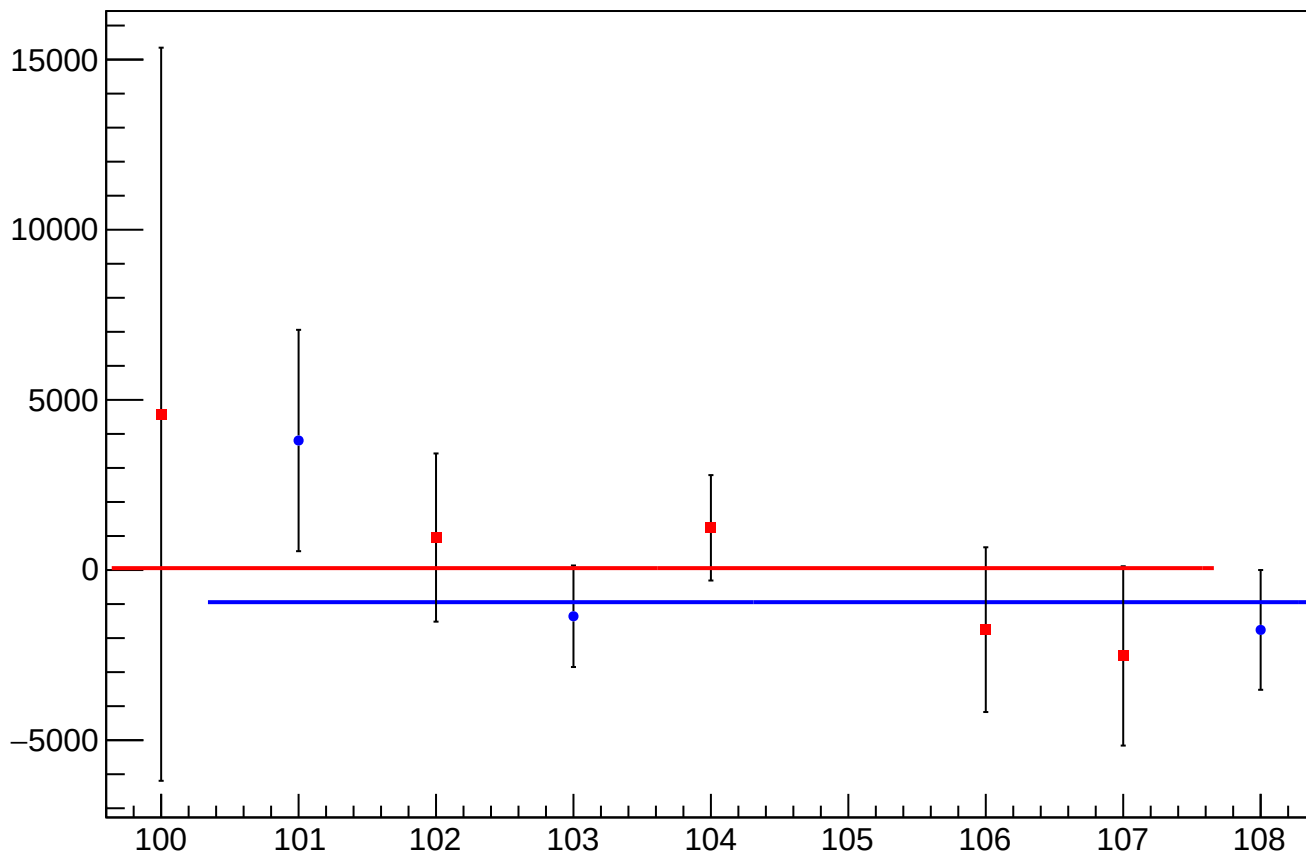
Right: 4186.866+/-1.753 χ^2/NDF : 906743.8/7

In: 5259.814+/-3.011 χ^2/NDF :247398.7/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4186.866+/-1.753 χ^2/NDF : 906743.8/7

cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -944.149+/-1074.169 χ^2/NDF : 2.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.010+/-1051.738 χ^2/NDF : 2.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

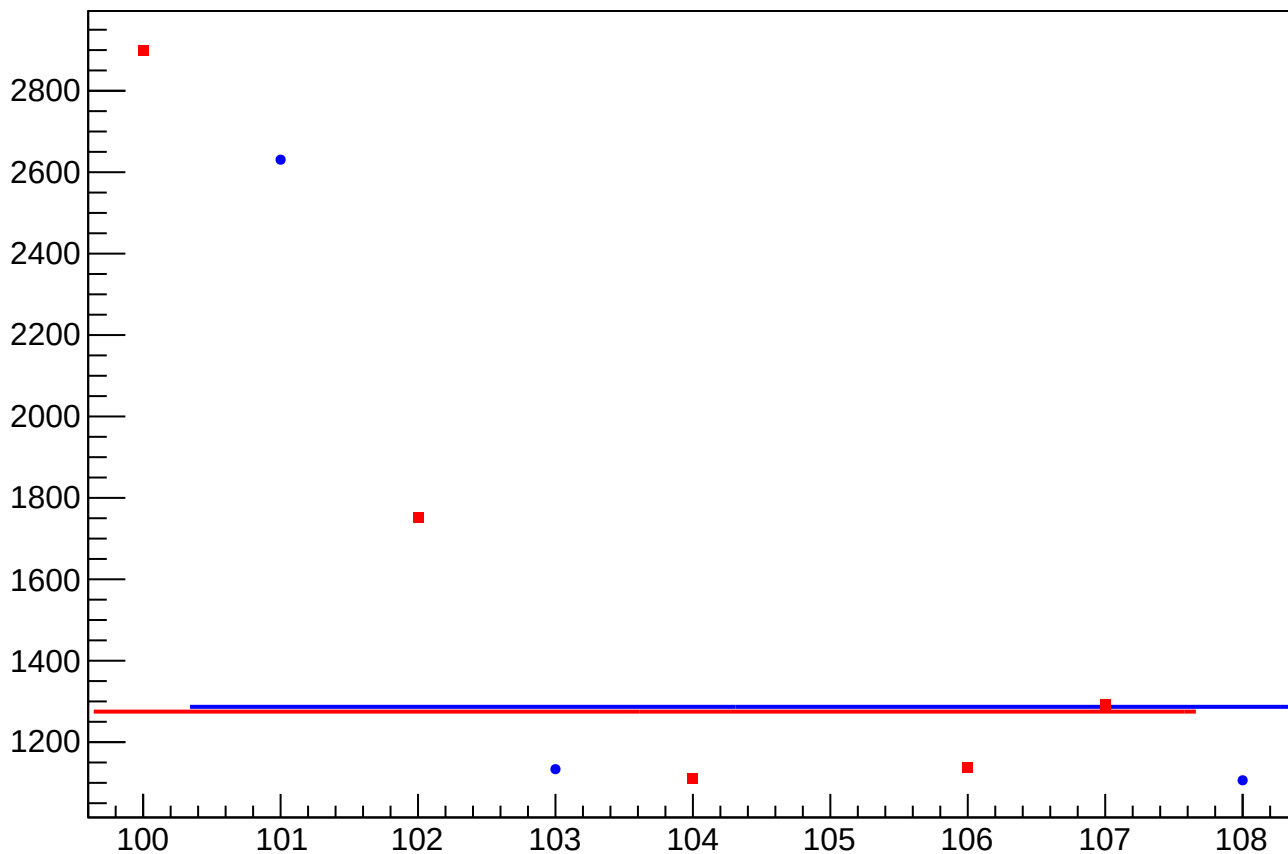
Right: -433.518+/-751.496 χ^2/NDF : 5.3/7

In: -944.149+/-1074.169 χ^2/NDF : 2.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -433.518+/-751.496 χ^2/NDF : 5.3/7

cor_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1286.746+/-0.760 χ^2/NDF : 383668.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1274.993+/-0.737 χ^2/NDF : 149563.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

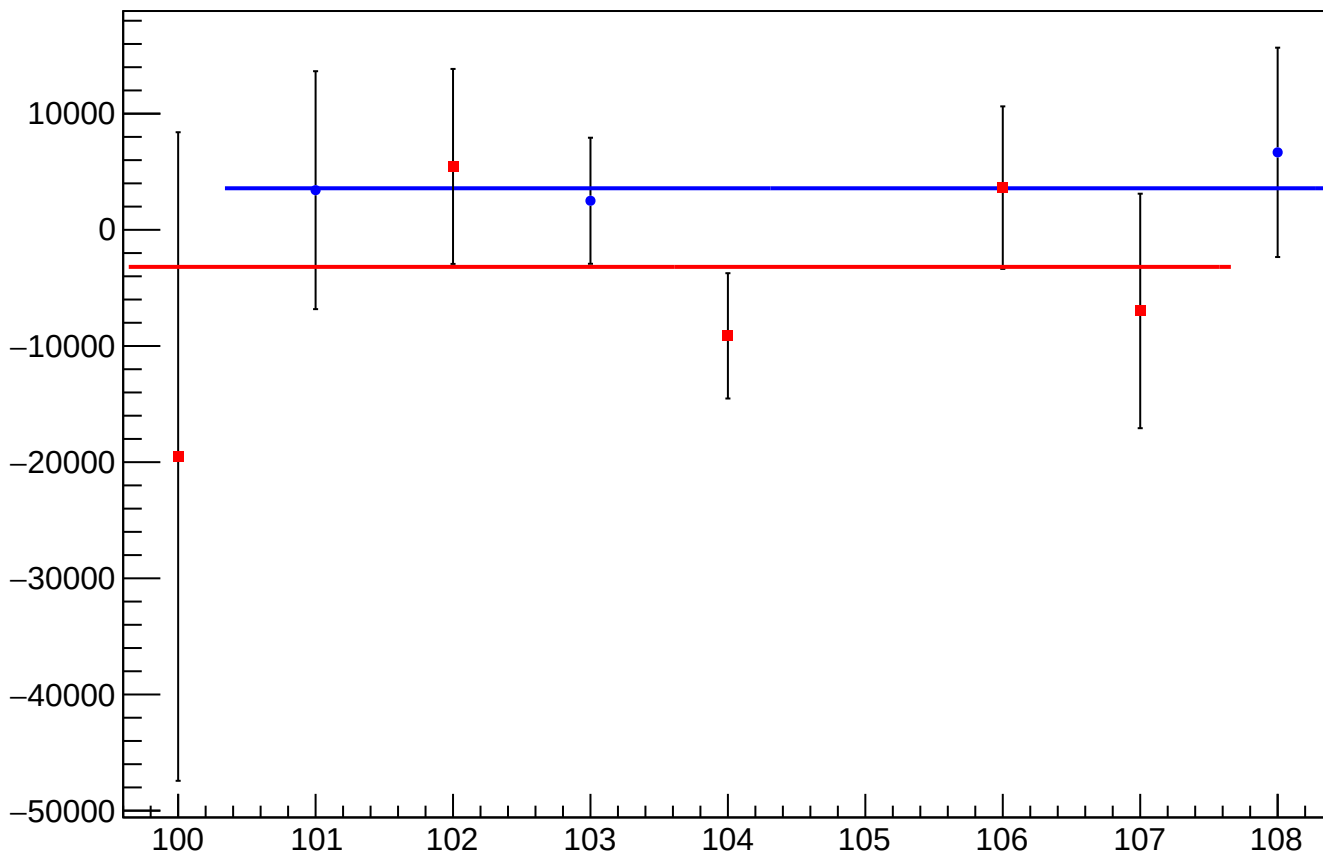
Right: 1280.696+/-0.529 χ^2/NDF : 533355.9/7

In: 1286.746+/-0.760 χ^2/NDF : 383668.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1280.696+/-0.529 χ^2/NDF : 533355.9/7

asym_us_avg_at2lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 3577.933+/-4232.854 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3189.521+/-3533.061 χ^2/NDF : 3.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

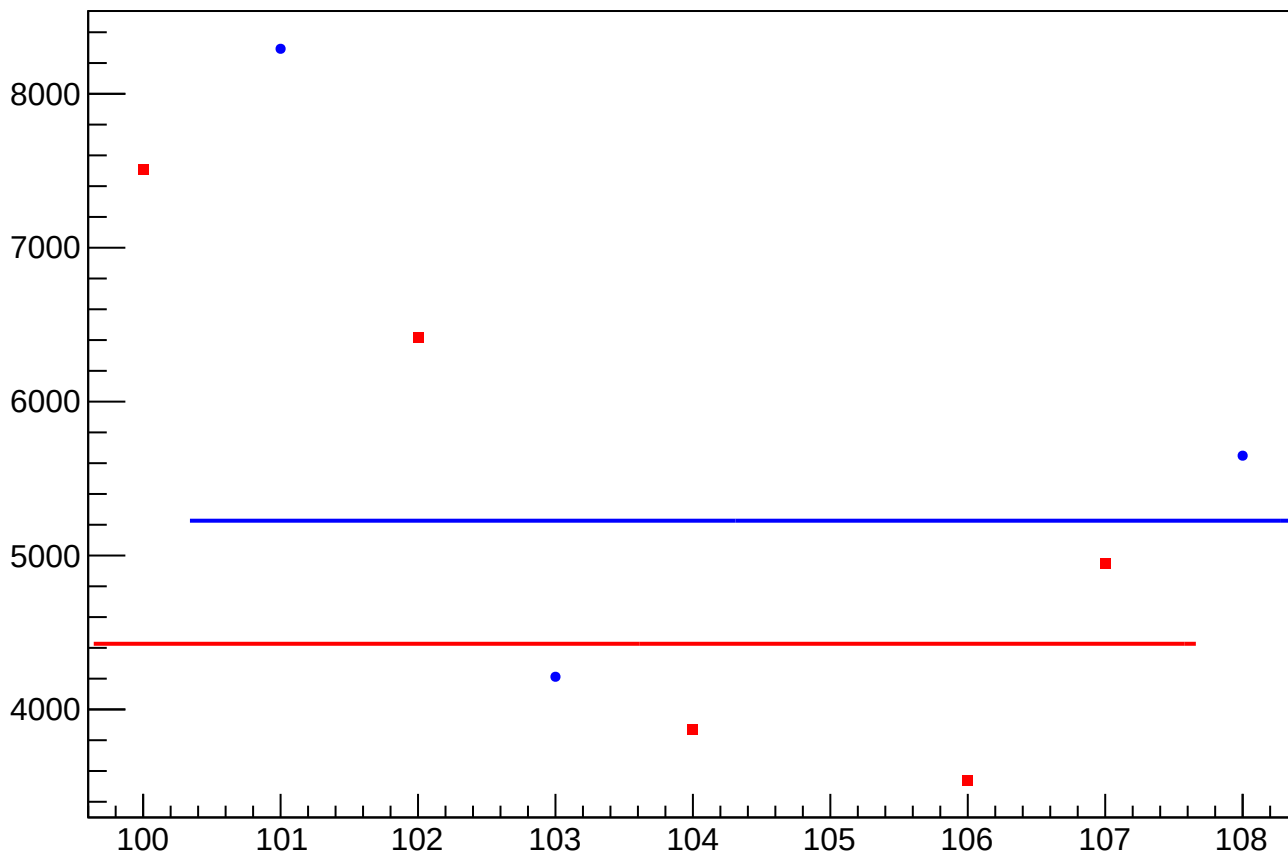
Right: -410.703+/-2712.381 χ^2/NDF : 5.4/7

In: 3577.933+/-4232.854 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -410.703+/-2712.381 χ^2/NDF : 5.4/7

asym_us_avg_at2lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 5226.300+/-2.993 χ^2/NDF : 253535.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4426.608+/-2.498 χ^2/NDF : 195692.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

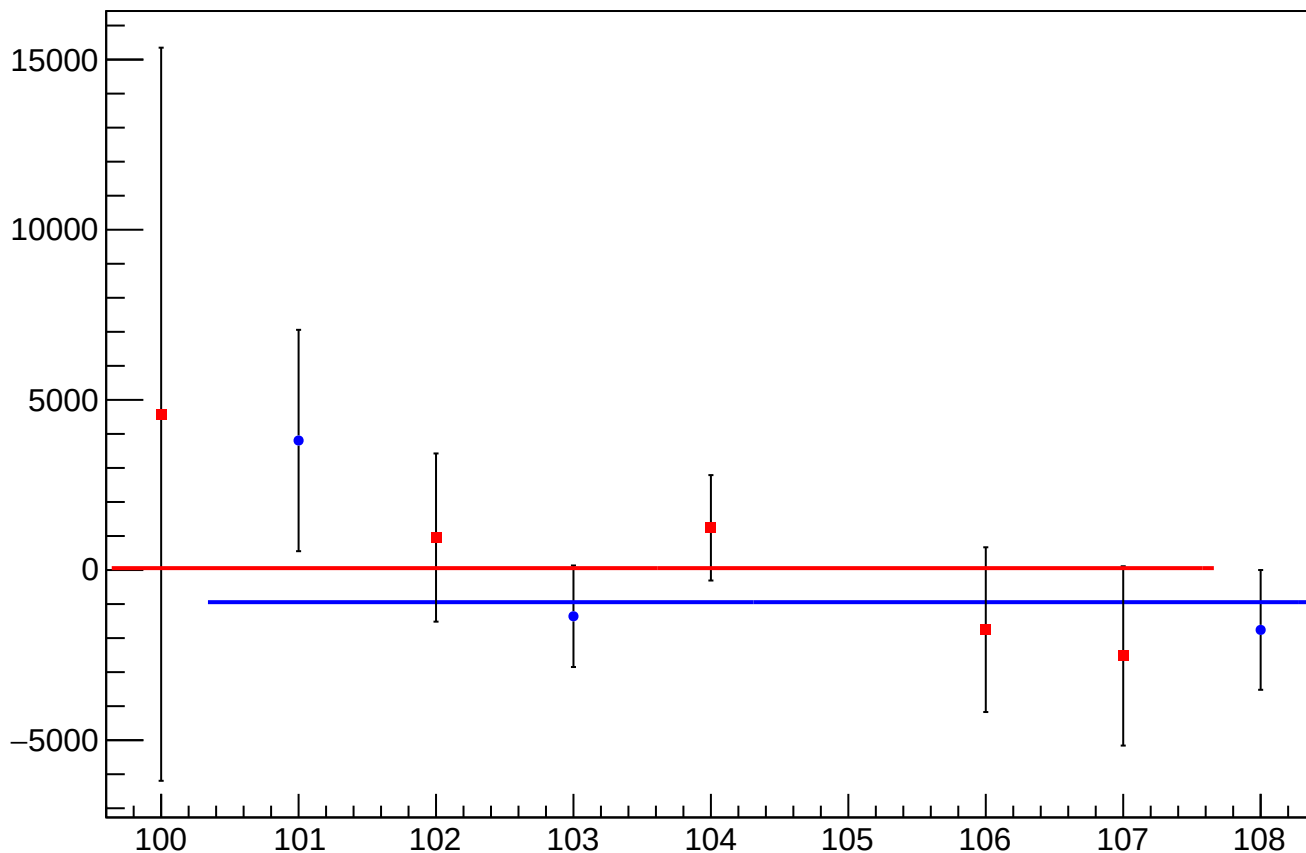
Right: 4754.973+/-1.918 χ^2/NDF : 491301.1/7

In: 5226.300+/-2.993 χ^2/NDF : 253535.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4754.973+/-1.918 χ^2/NDF : 491301.1/7

eigen_cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -944.149+/-1074.169 χ^2/NDF : 2.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.010+/-1051.738 χ^2/NDF : 2.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

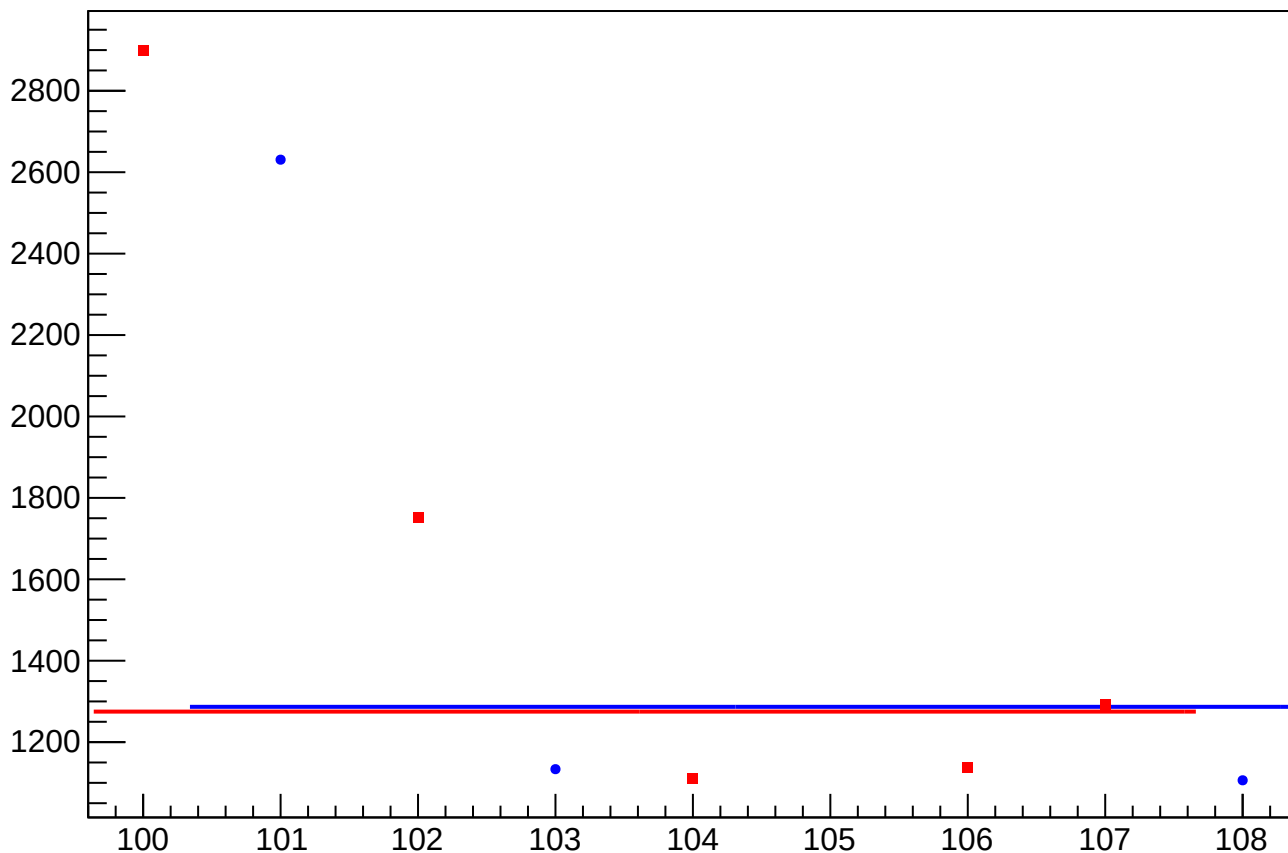
Right: -433.518+/-751.496 χ^2/NDF : 5.3/7

In: -944.149+/-1074.169 χ^2/NDF : 2.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -433.518+/-751.496 χ^2/NDF : 5.3/7

eigen_cor_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1286.746+/-0.760 χ^2/NDF : 383668.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1274.993+/-0.737 χ^2/NDF : 149563.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

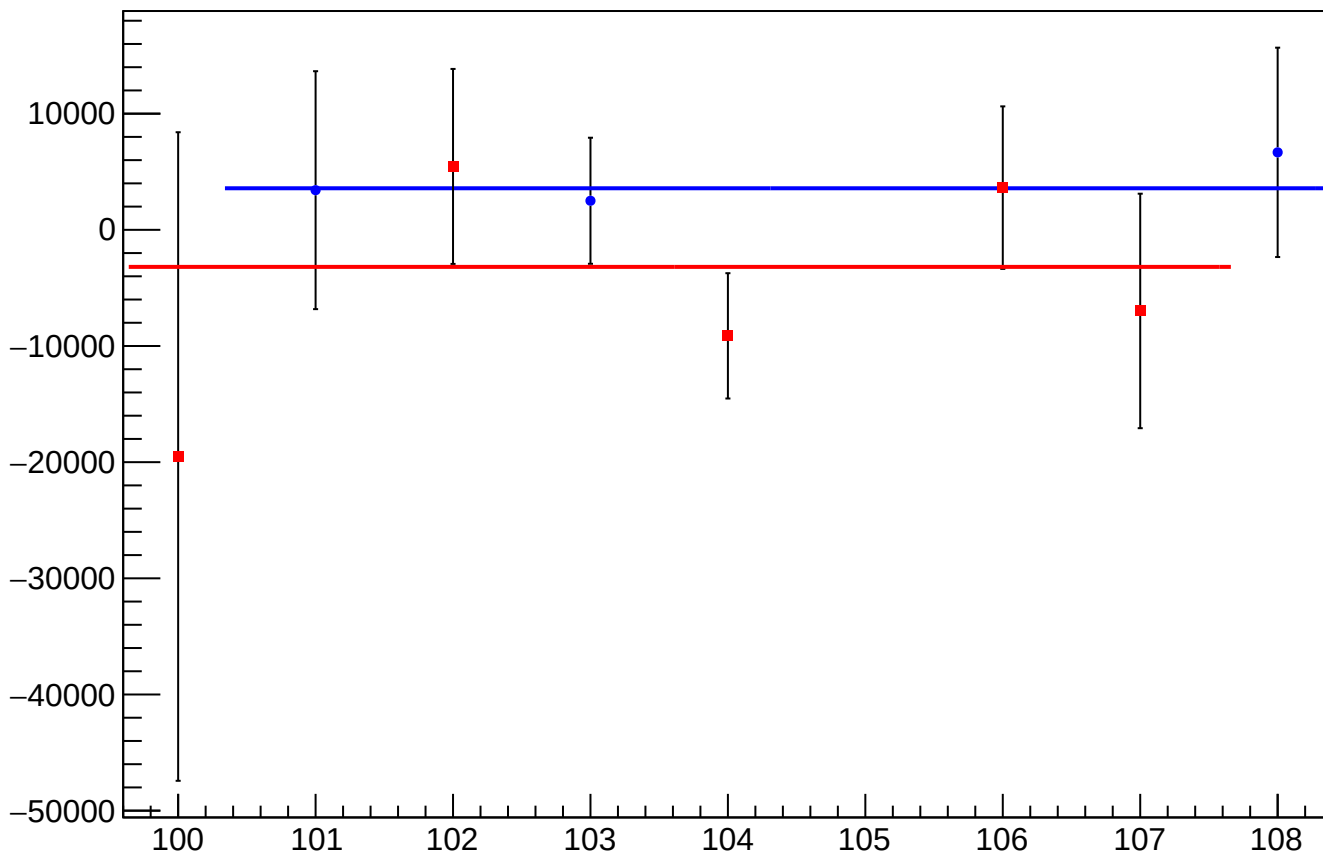
Right: 1280.696+/-0.529 χ^2/NDF : 533355.9/7

In: 1286.746+/-0.760 χ^2/NDF : 383668.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1280.696+/-0.529 χ^2/NDF : 533355.9/7

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 3577.933+/-4232.854 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3189.521+/-3533.061 χ^2/NDF : 3.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

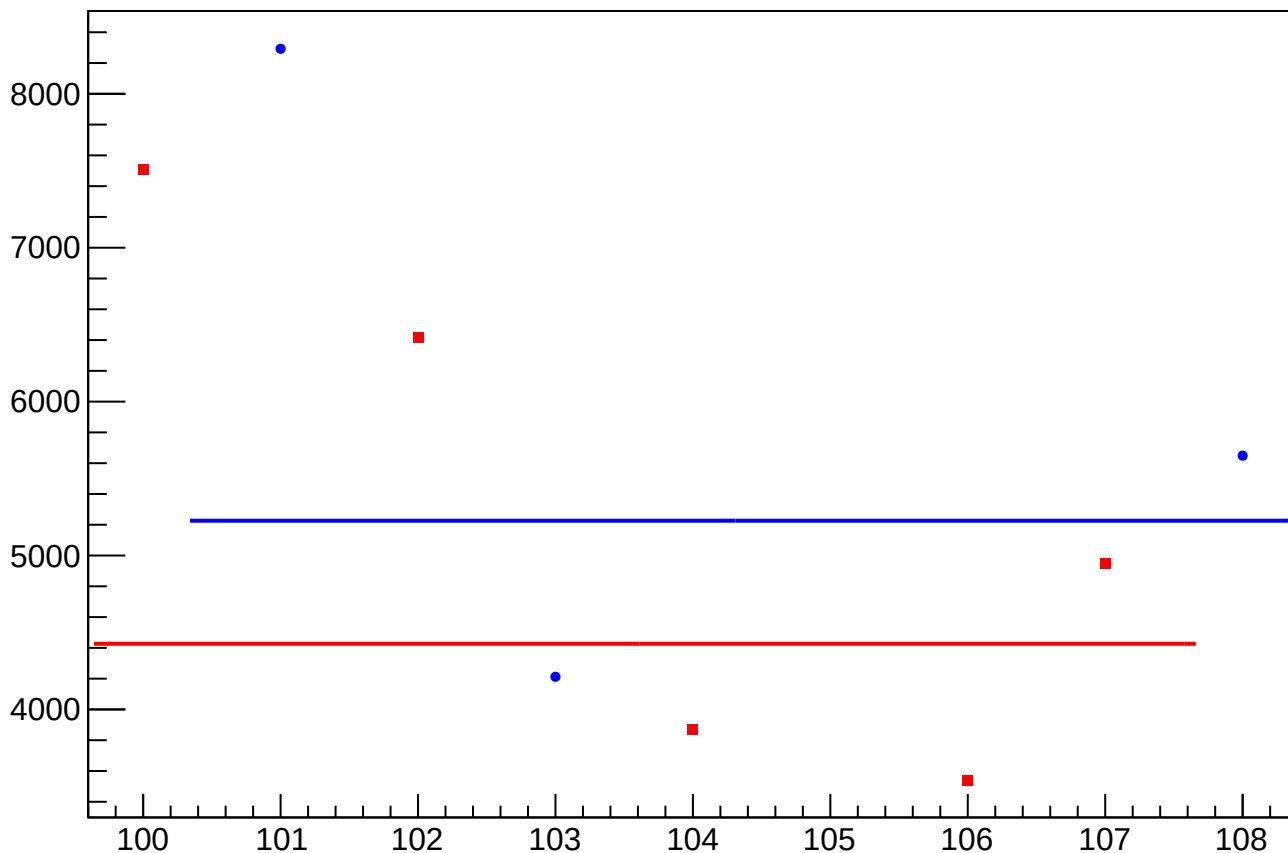
Right: -410.703+/-2712.381 χ^2/NDF : 5.4/7

In: 3577.933+/-4232.854 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -410.703+/-2712.381 χ^2/NDF : 5.4/7

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 5226.300+/-2.993 χ^2/NDF : 253535.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4426.608+/-2.498 χ^2/NDF : 195692.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

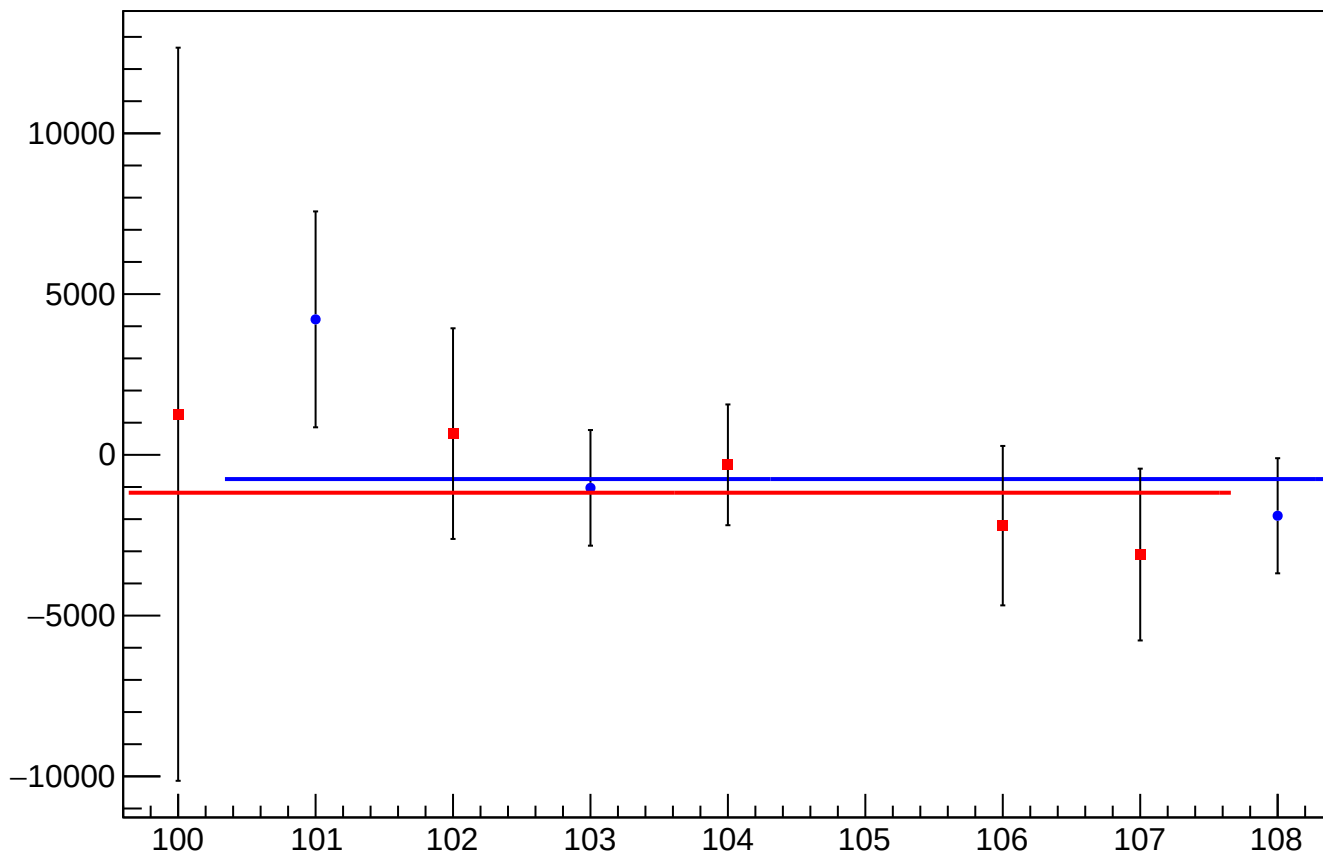
Right: 4754.973+/-1.918 χ^2/NDF : 491301.1/7

In: 5226.300+/-2.993 χ^2/NDF : 253535.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4754.973+/-1.918 χ^2/NDF : 491301.1/7

dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -753.300+/-1186.937 χ^2/NDF : 2.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1178.150+/-1206.438 χ^2/NDF : 1.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

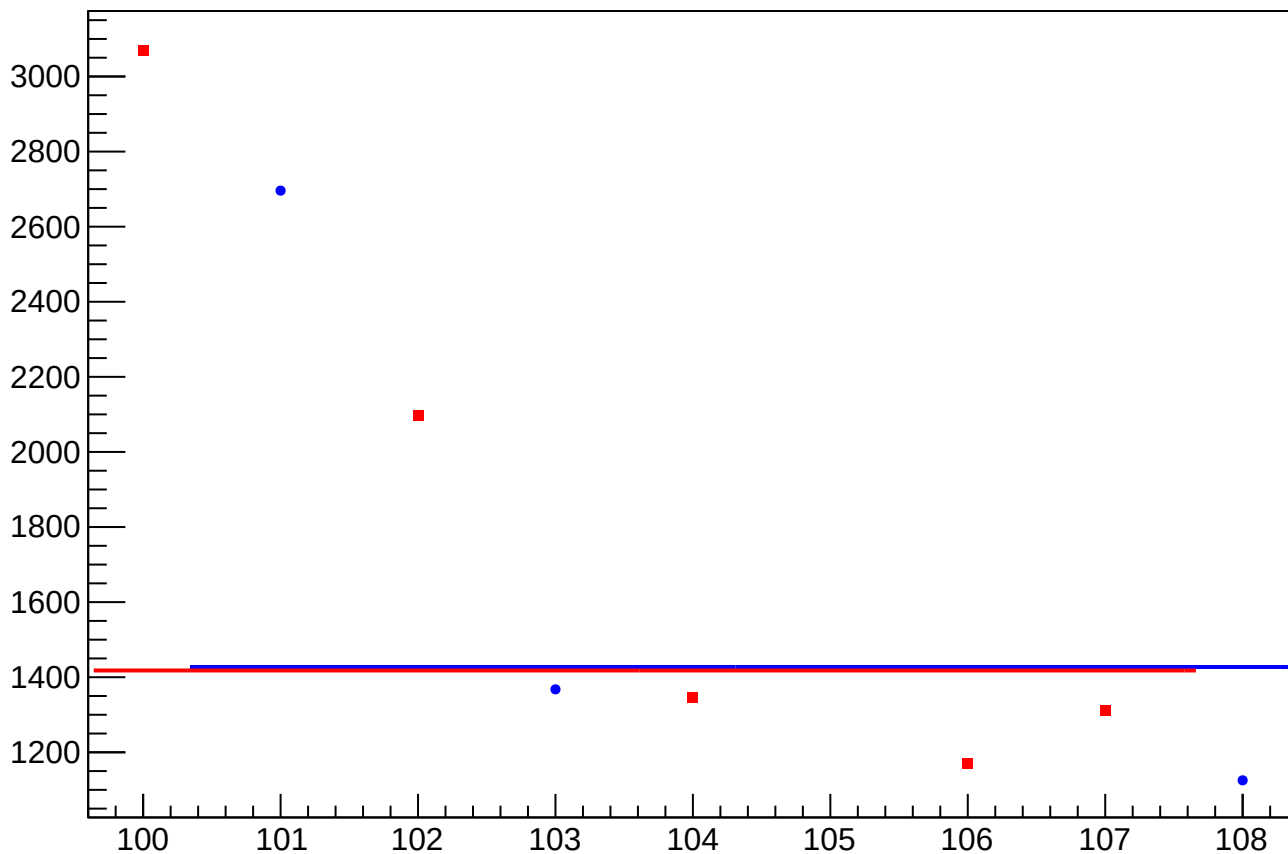
Right: -962.264+/-846.102 χ^2/NDF : 3.9/7

In: -753.300+/-1186.937 χ^2/NDF : 2.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -962.264+/-846.102 χ^2/NDF : 3.9/7

dit_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1427.184+/-0.839 χ^2/NDF : 344572.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1417.970+/-0.852 χ^2/NDF : 153871.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

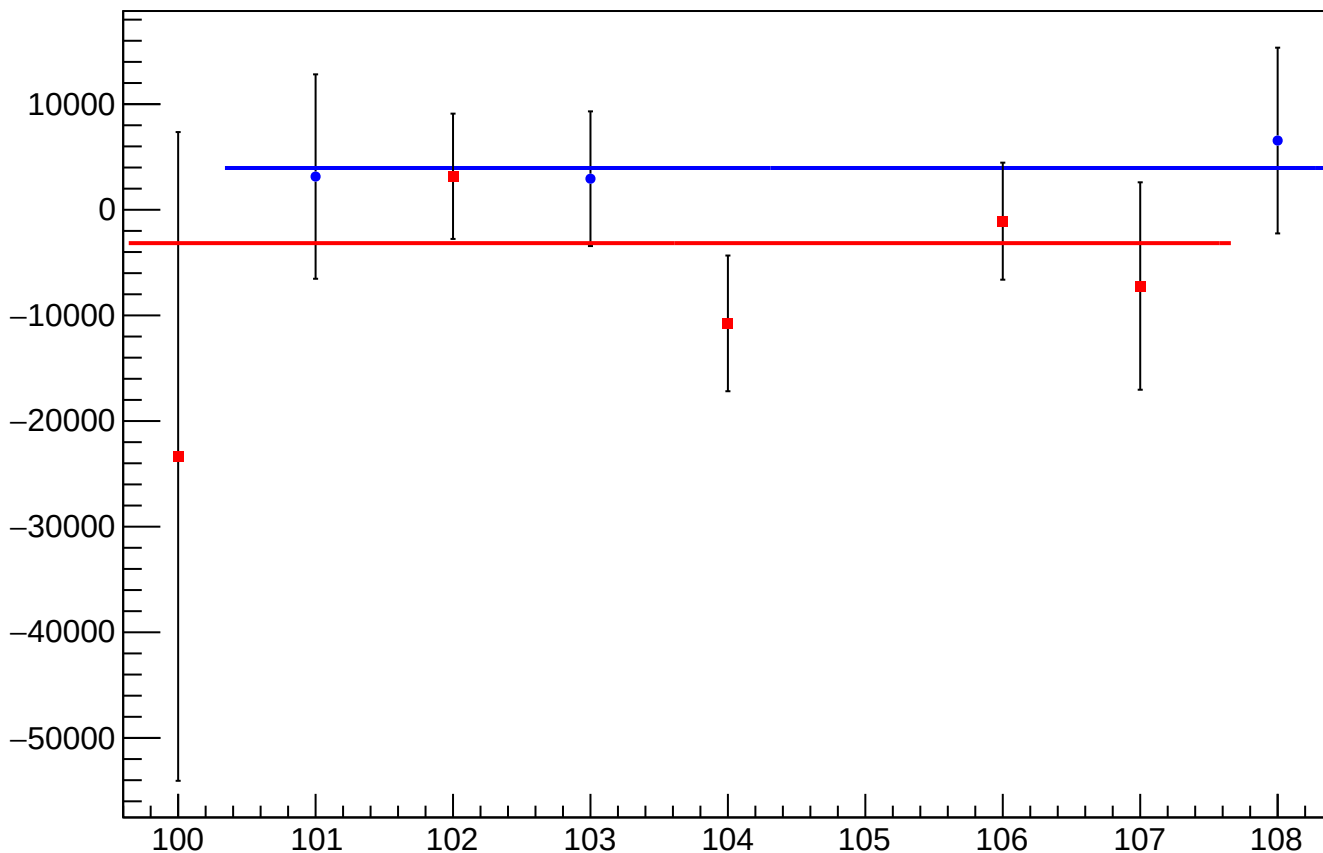
Right: 1422.646+/-0.598 χ^2/NDF : 498503.0/7

In: 1427.184+/-0.839 χ^2/NDF : 344572.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1422.646+/-0.598 χ^2/NDF : 498503.0/7

asym_us_avg_at2lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 3955.513+/-4554.108 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3157.651+/-3215.991 χ^2/NDF : 3.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

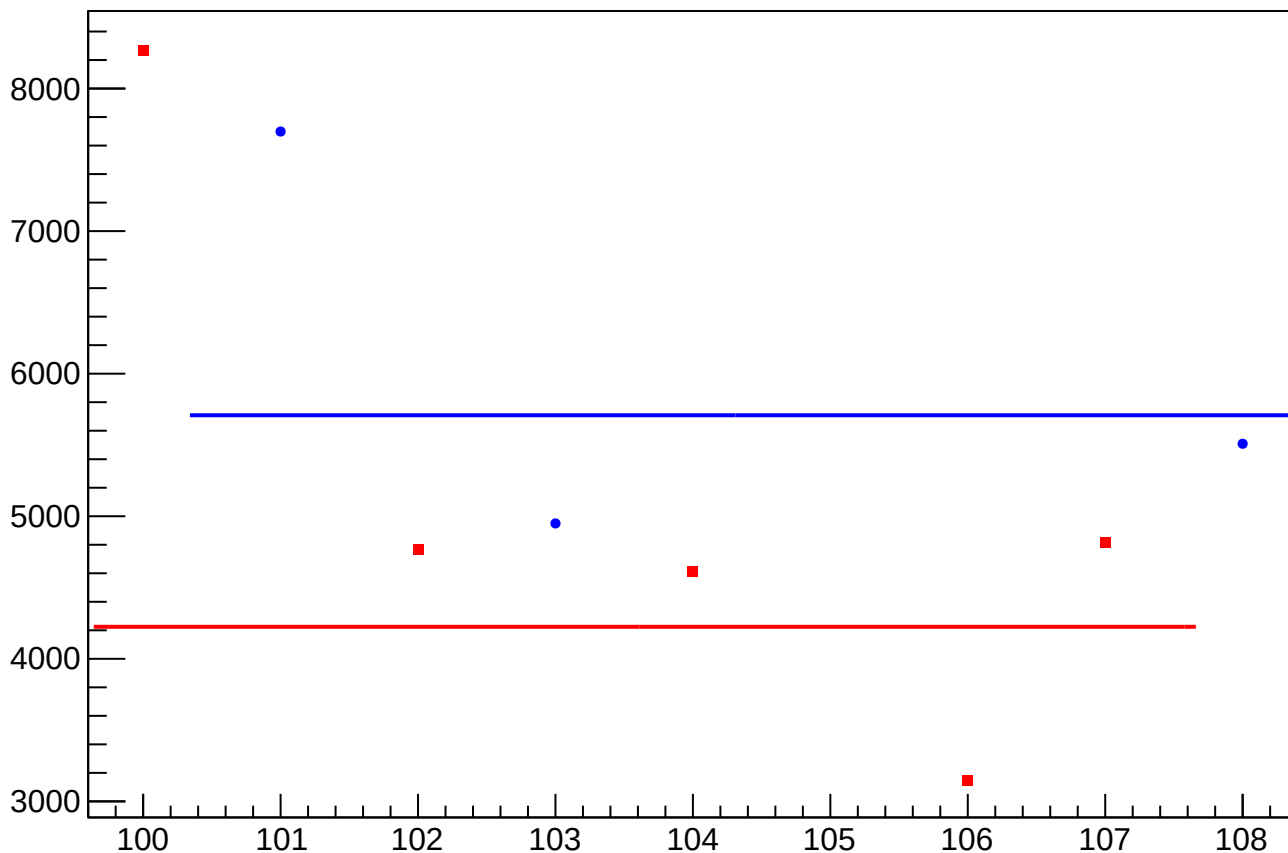
Right: -790.769+/-2627.001 χ^2/NDF : 5.0/7

In: 3955.513+/-4554.108 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -790.769+/-2627.001 χ^2/NDF : 5.0/7

asym_us_avg_at2lr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 5708.486+/-3.220 χ^2/NDF : 113961.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4224.632+/-2.274 χ^2/NDF : 141083.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

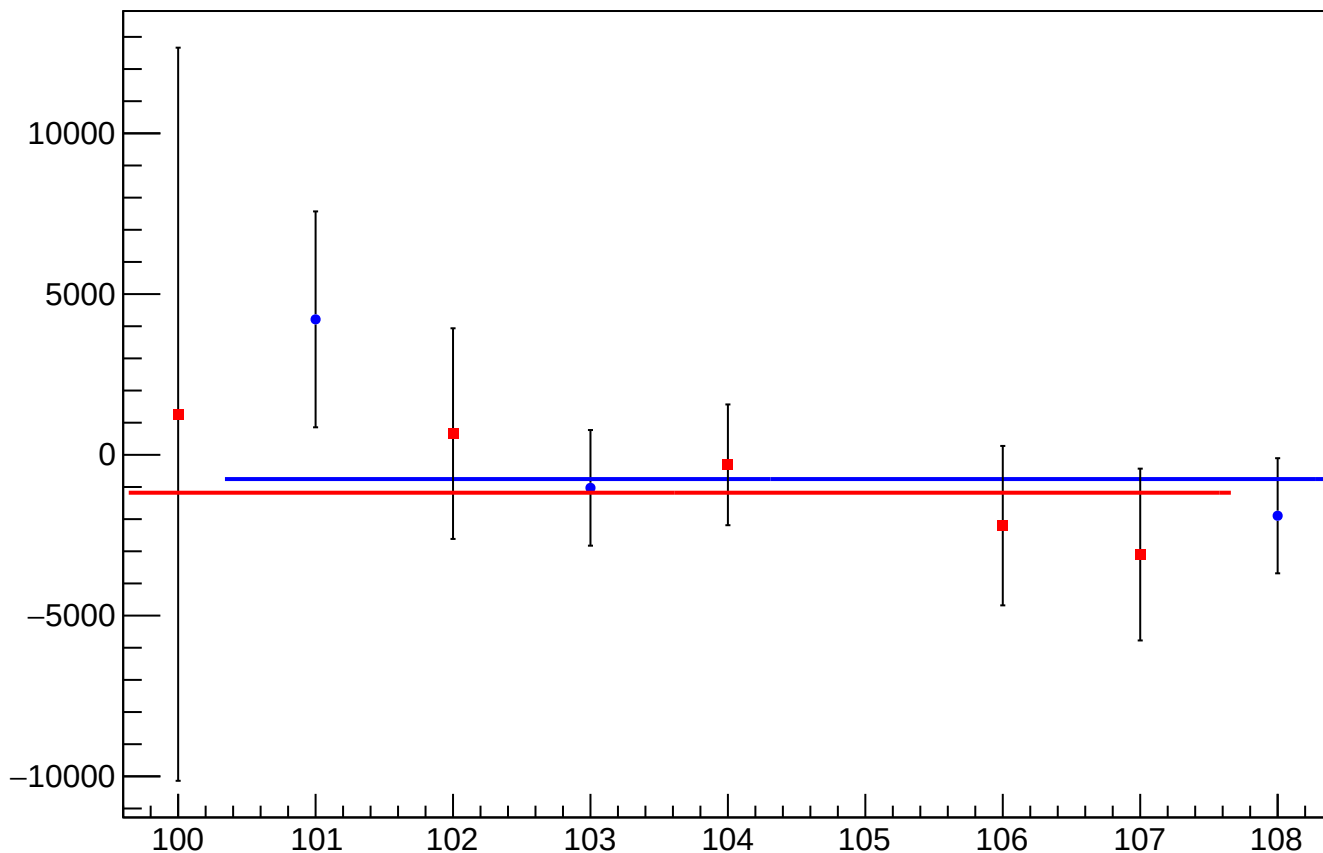
Right: 4718.379+/-1.858 χ^2/NDF : 396720.5/7

In: 5708.486+/-3.220 χ^2/NDF : 113961.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4718.379+/-1.858 χ^2/NDF : 396720.5/7

eigen_dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -753.301+/-1186.938 χ^2/NDF : 2.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1178.168+/-1206.439 χ^2/NDF : 1.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

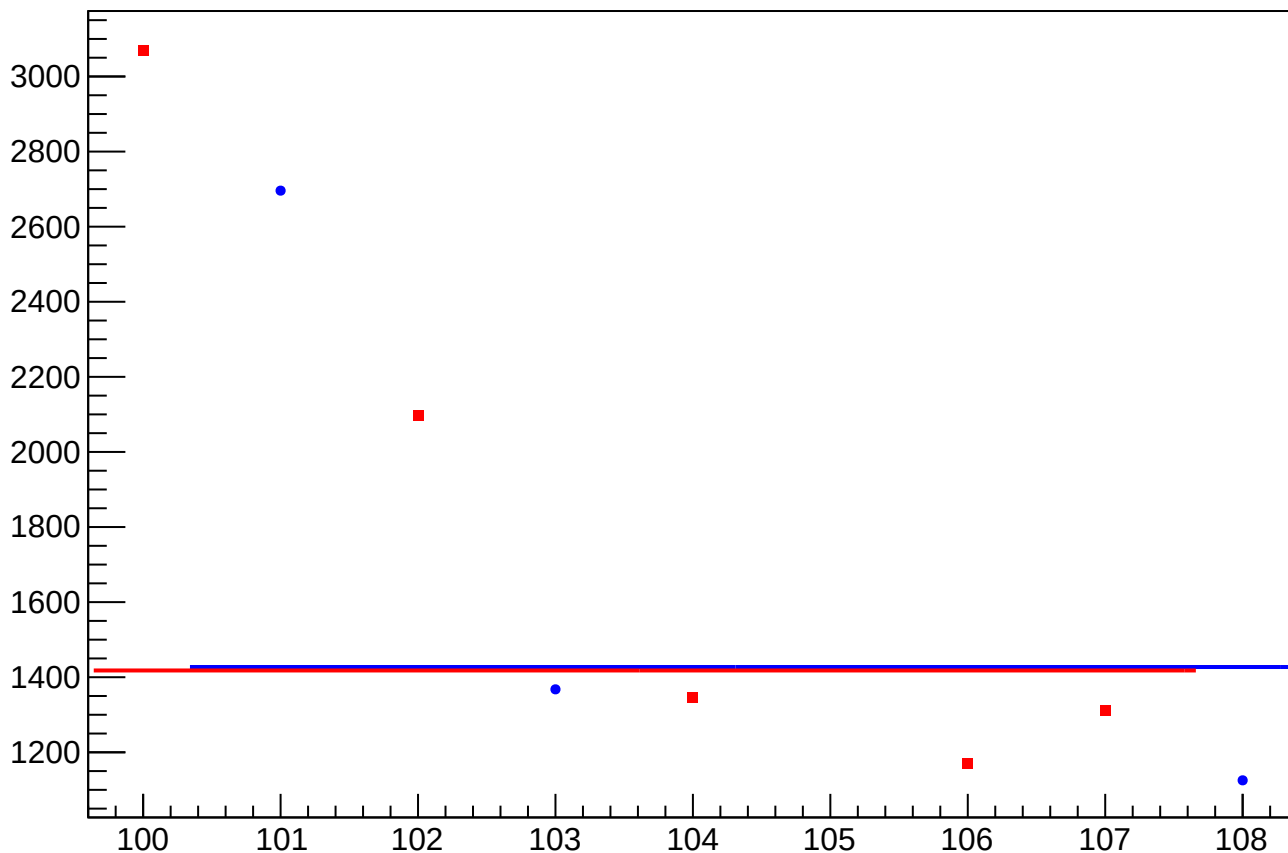
Right: -962.273+/-846.102 χ^2/NDF : 3.9/7

In: -753.301+/-1186.938 χ^2/NDF : 2.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -962.273+/-846.102 χ^2/NDF : 3.9/7

eigen_dit_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1427.185+/-0.839 χ^2/NDF : 344571.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1417.971+/-0.852 χ^2/NDF : 153872.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

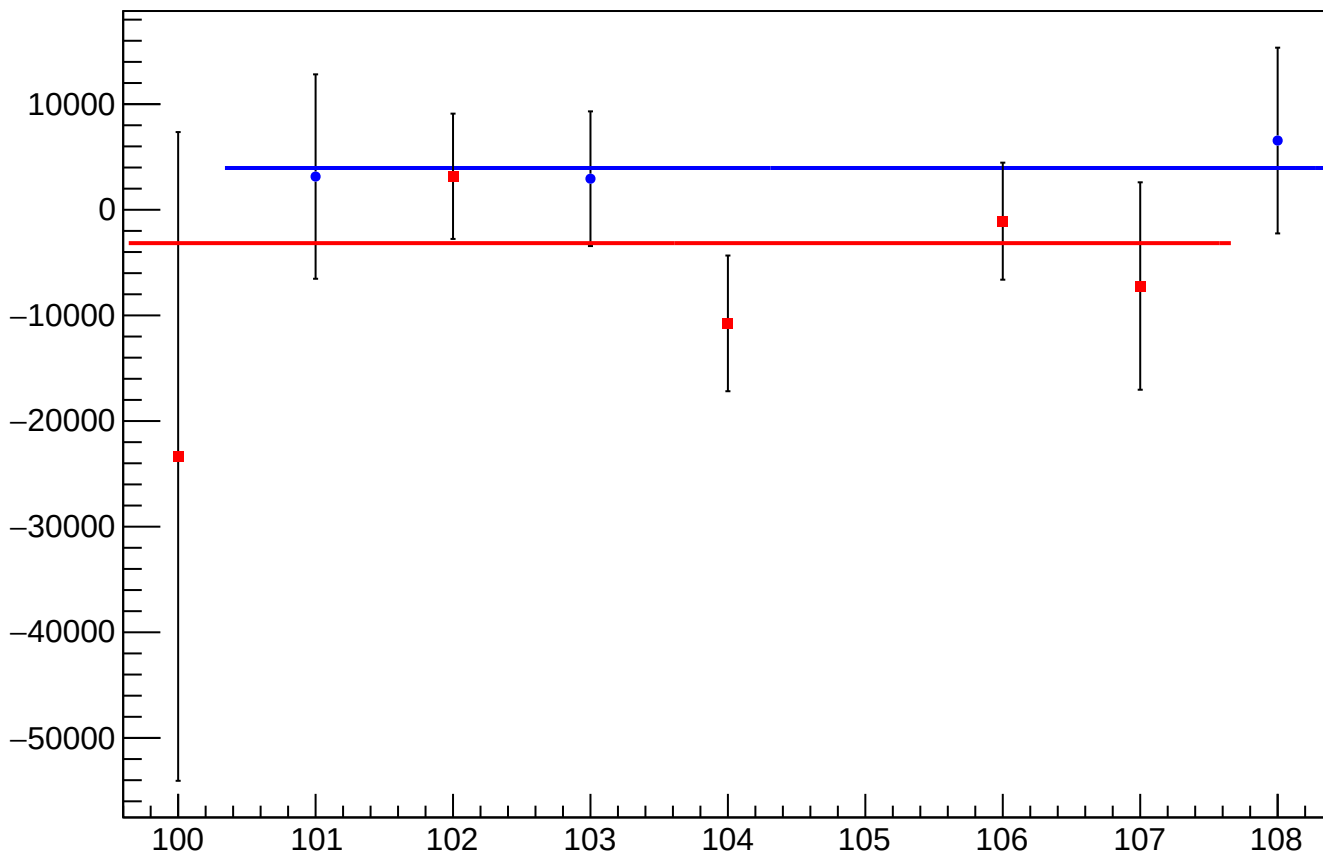
Right: 1422.647+/-0.598 χ^2/NDF : 498503.0/7

In: 1427.185+/-0.839 χ^2/NDF : 344571.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1422.647+/-0.598 χ^2/NDF : 498503.0/7

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 3955.516+/-4554.107 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3157.666+/-3215.988 χ^2/NDF : 3.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

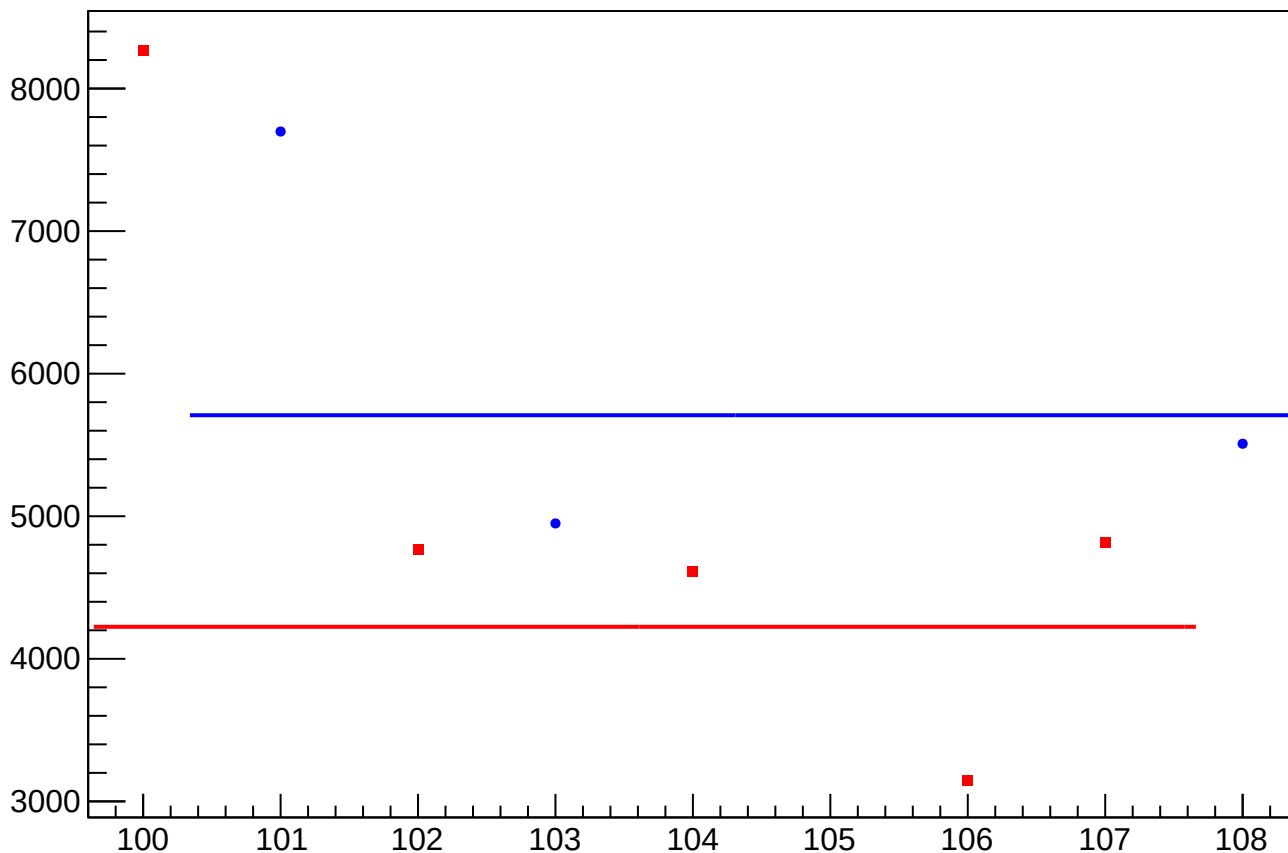
Right: -790.781+/-2626.999 χ^2/NDF : 5.0/7

In: 3955.516+/-4554.107 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -790.781+/-2626.999 χ^2/NDF : 5.0/7

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5708.486+/-3.220 χ^2/NDF : 113961.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4224.626+/-2.274 χ^2/NDF : 141085.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

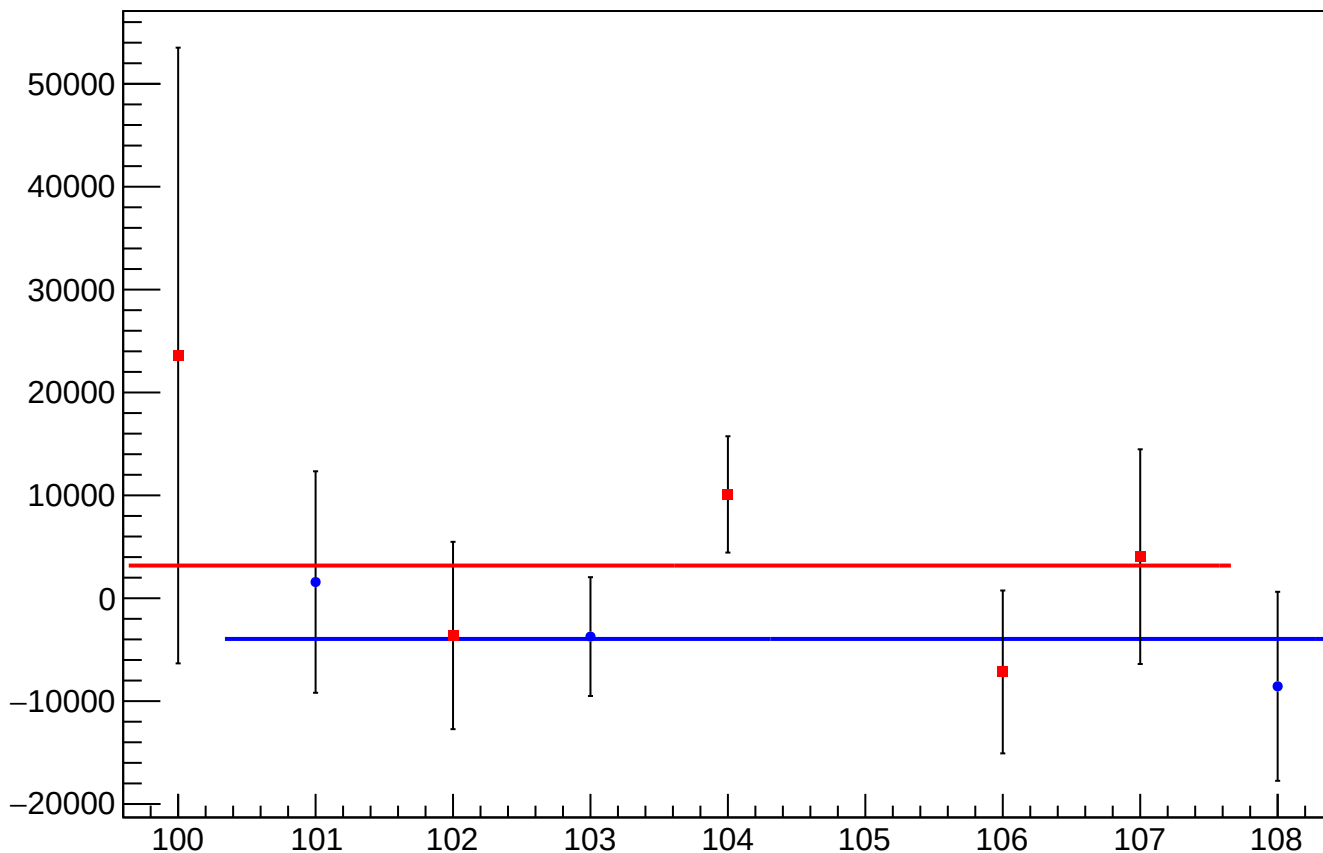
Right: 4718.375+/-1.858 χ^2/NDF : 396723.7/7

In: 5708.486+/-3.220 χ^2/NDF : 113961.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4718.375+/-1.858 χ^2/NDF : 396723.7/7

asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -3954.404+/-4450.778 χ^2/NDF : 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3178.062+/-3790.026 χ^2/NDF : 4.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

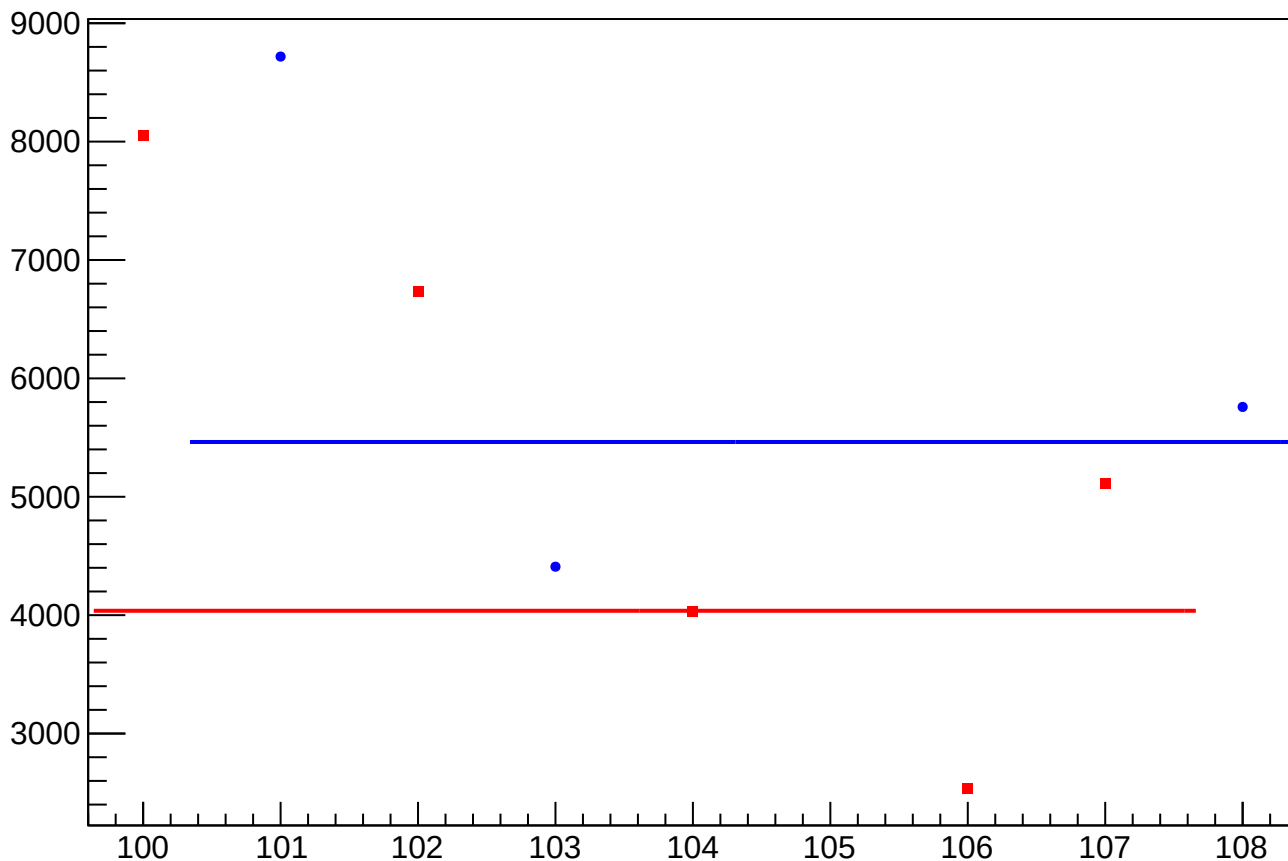
Right: 180.060+/-2885.573 χ^2/NDF : 6.2/7

In: -3954.404+/-4450.778 χ^2/NDF : 0.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.060+/-2885.573 χ^2/NDF : 6.2/7

asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 5462.778+/-3.147 χ^2/NDF : 251551.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4037.108+/-2.427 χ^2/NDF : 373125.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

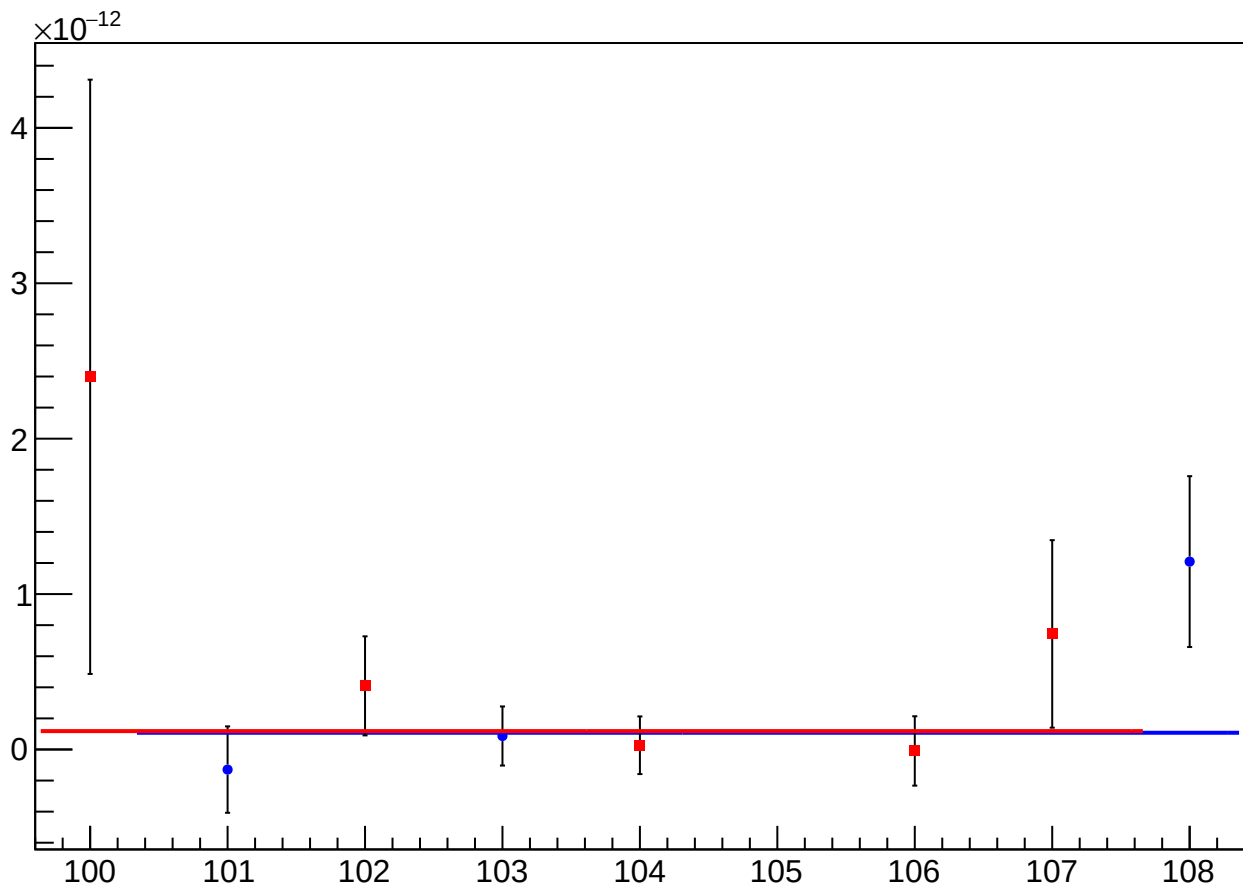
Right: 4568.758+/-1.922 χ^2/NDF : 753365.9/7

In: 5462.778+/-3.147 χ^2/NDF : 251551.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4568.758+/-1.922 χ^2/NDF : 753365.9/7

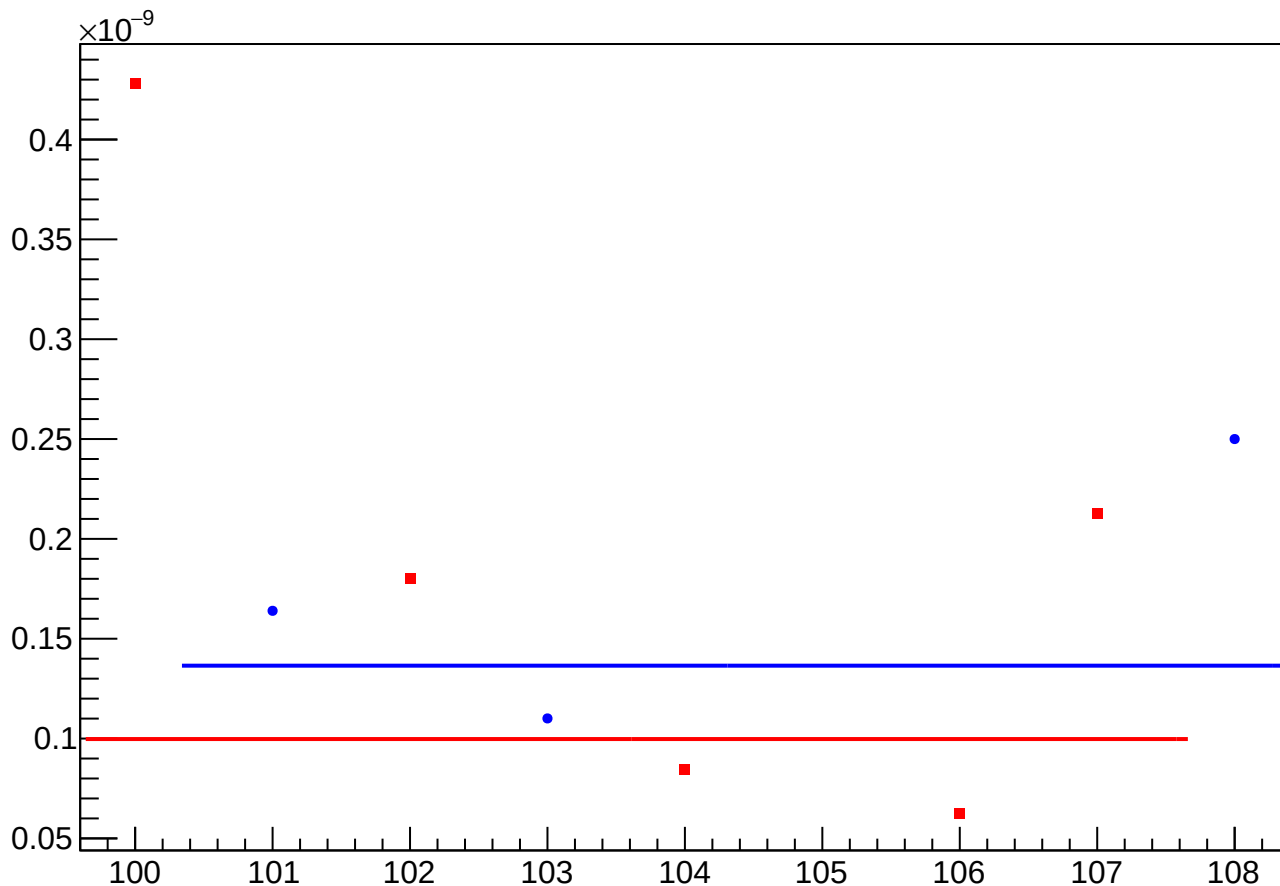
asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.8/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 3.9/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 8.7/7
 In: 0.000+/-0.000 χ^2/NDF : 4.8/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 8.7/7

asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 143406.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 326502.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

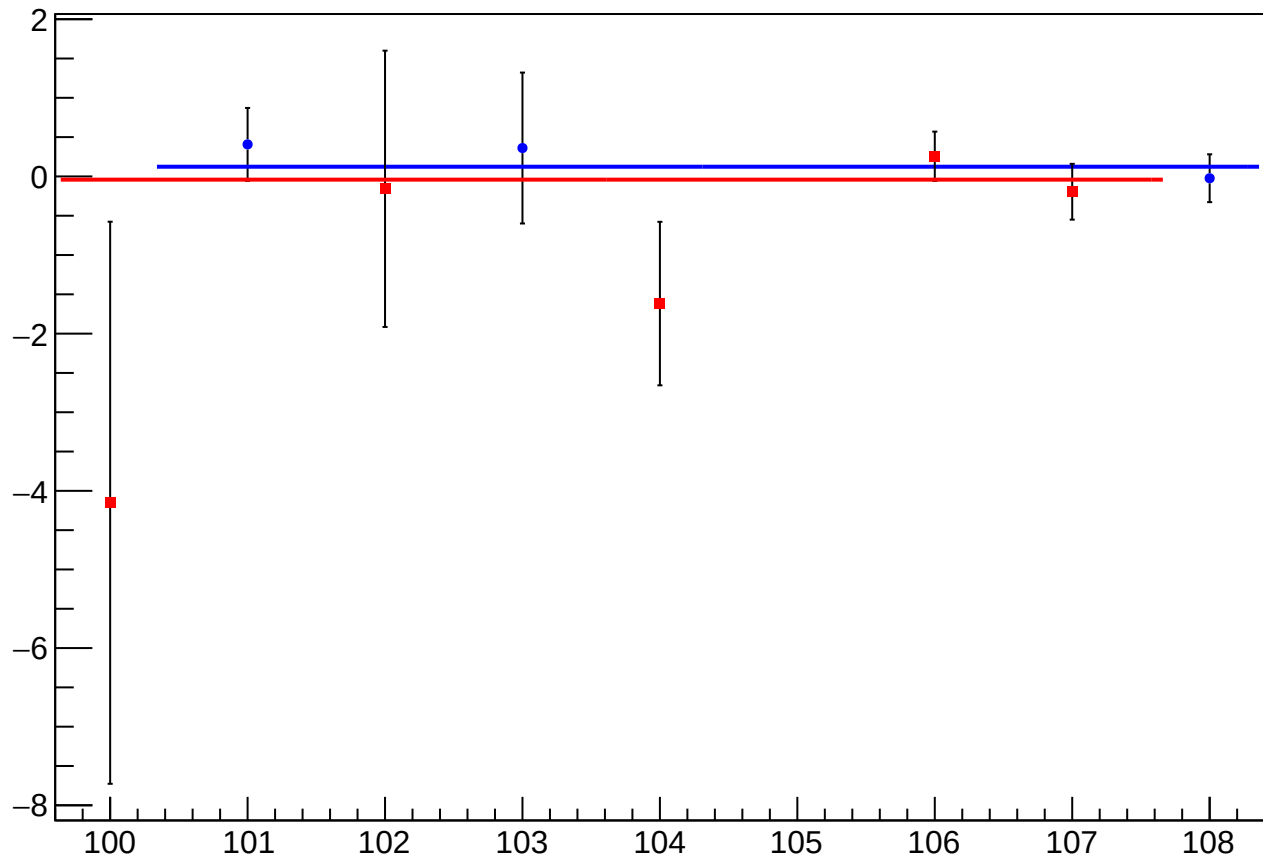
Right: 0.000+/-0.000 χ^2/NDF : 539328.8/7

In: 0.000+/-0.000 χ^2/NDF : 143406.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 539328.8/7

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.123+/-0.246 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.041+/-0.227 χ^2/NDF : 4.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

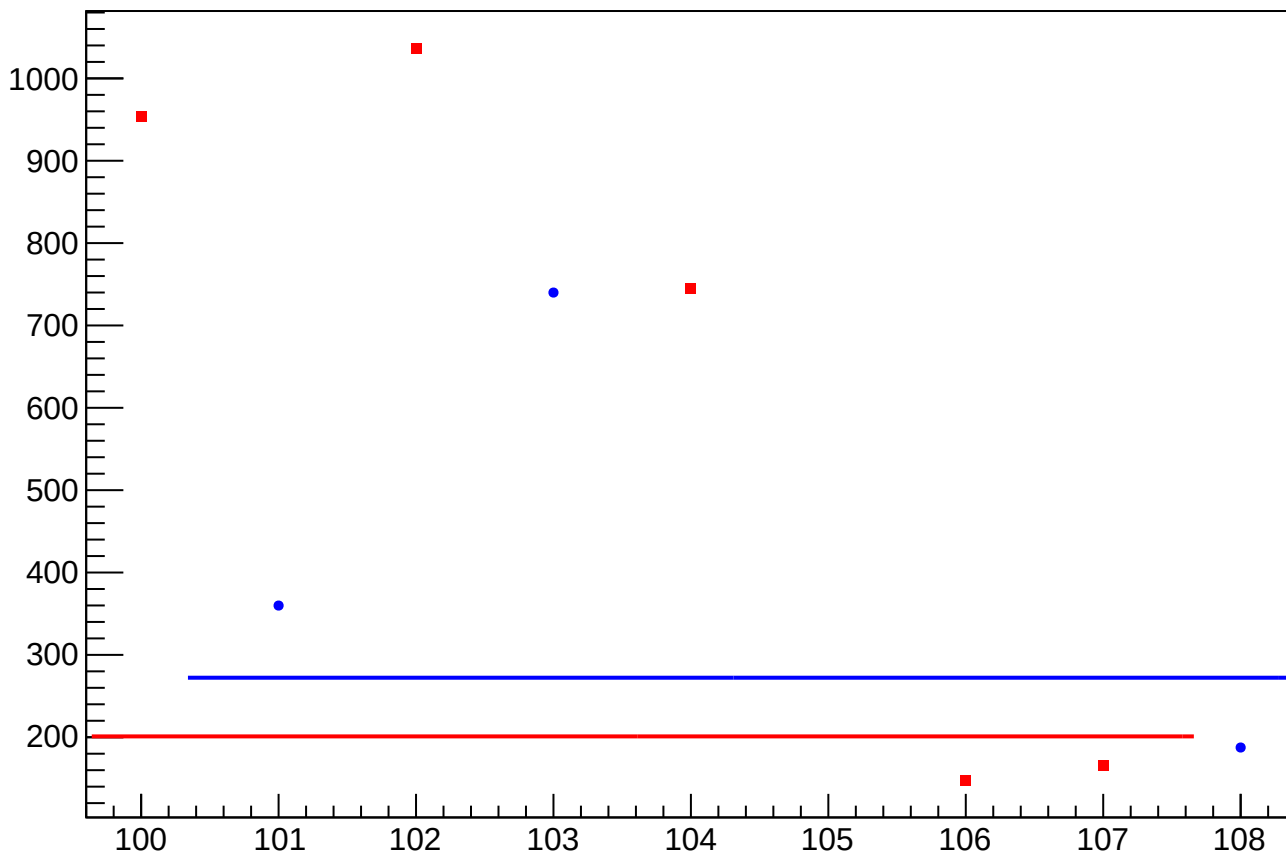
Right: 0.035+/-0.167 χ^2/NDF : 5.6/7

In: 0.123+/-0.246 χ^2/NDF : 0.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.035+/-0.167 χ^2/NDF : 5.6/7

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 272.274+/-0.174 χ^2/NDF : 701415.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 201.020+/-0.160 χ^2/NDF : 1165211.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

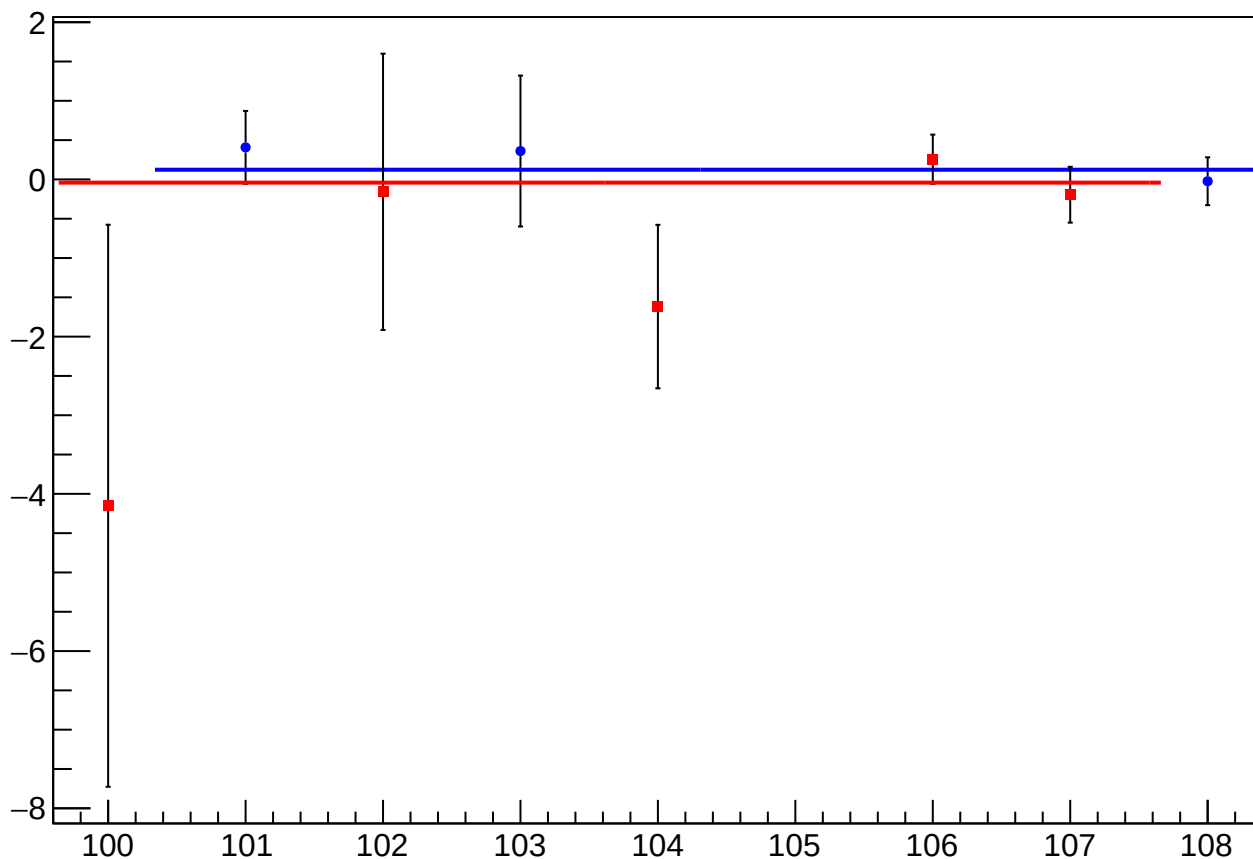
Right: 233.748+/-0.118 χ^2/NDF : 1957442.0/7

In: 272.274+/-0.174 χ^2/NDF : 701415.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 233.748+/-0.118 χ^2/NDF : 1957442.0/7

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.123+/-0.246 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.041+/-0.227 χ^2/NDF : 4.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

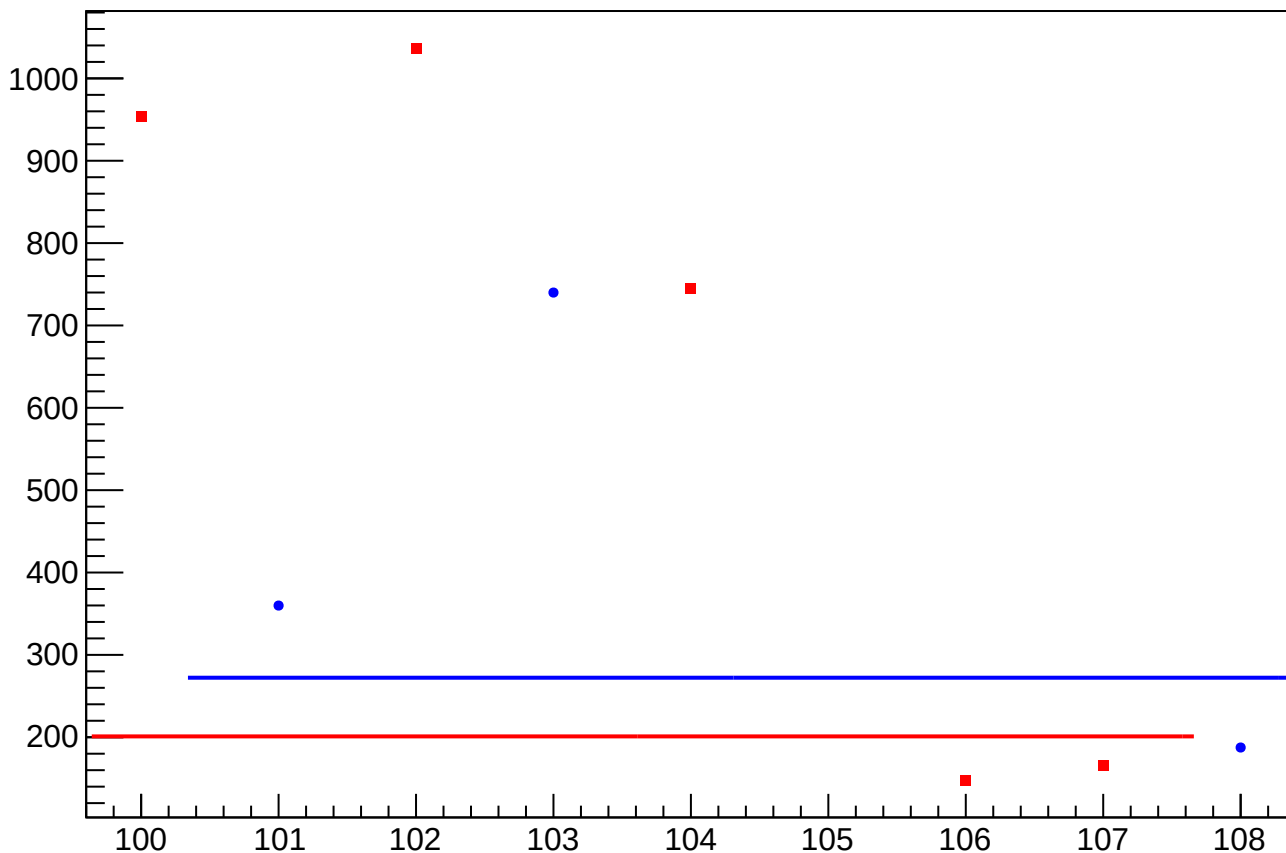
Right: 0.035+/-0.167 χ^2/NDF : 5.6/7

In: 0.123+/-0.246 χ^2/NDF : 0.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.035+/-0.167 χ^2/NDF : 5.6/7

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 272.274+/-0.174 χ^2/NDF : 701415.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 201.020+/-0.160 χ^2/NDF : 1165211.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

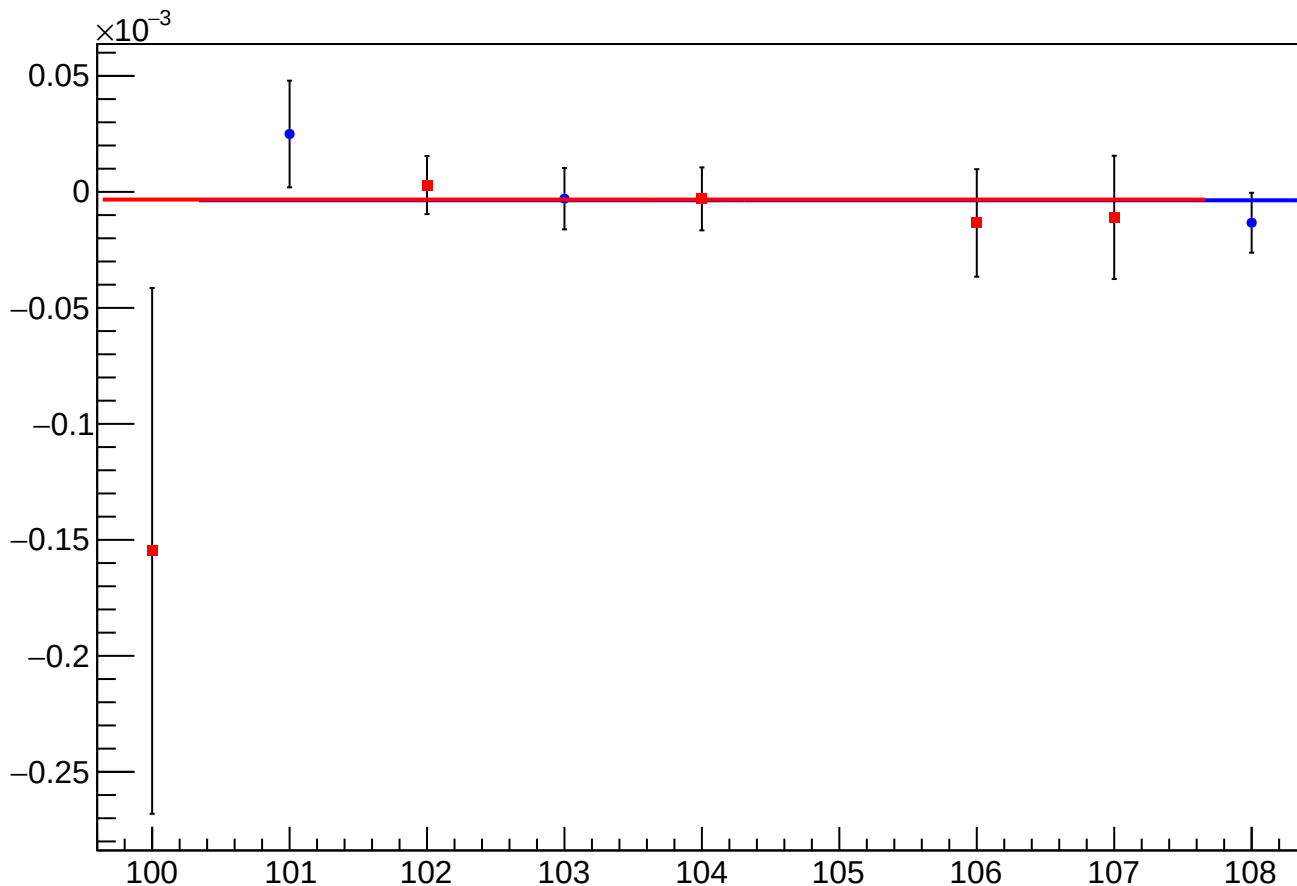
Right: 233.748+/-0.118 χ^2/NDF : 1957442.0/7

In: 272.274+/-0.174 χ^2/NDF : 701415.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 233.748+/-0.118 χ^2/NDF : 1957442.0/7

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 : 2.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

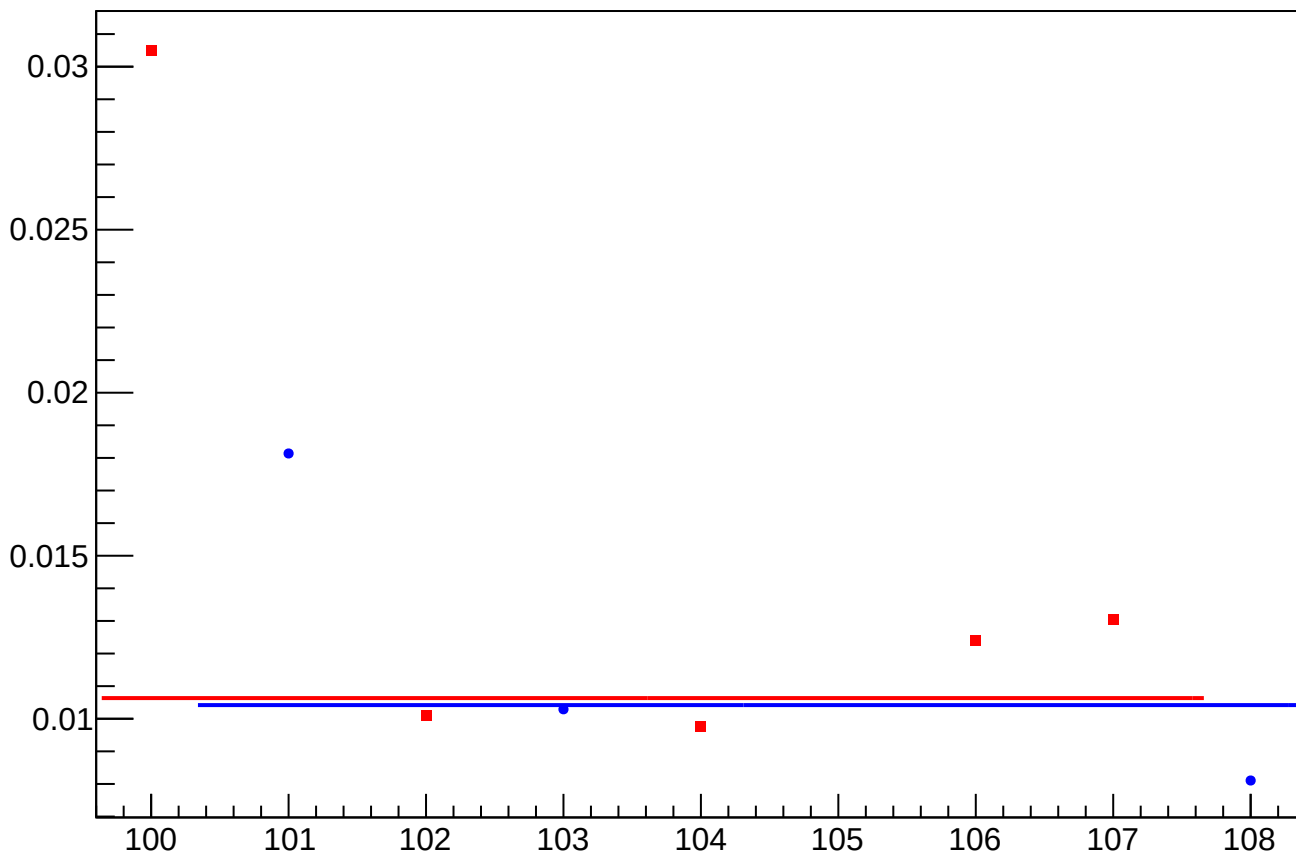
Right: -0.000+/-0.000 χ^2/NDF : 4.4/7

In: -0.000+/-0.000 χ^2/NDF : 2.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.4/7

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 289712.0/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 101695.0/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

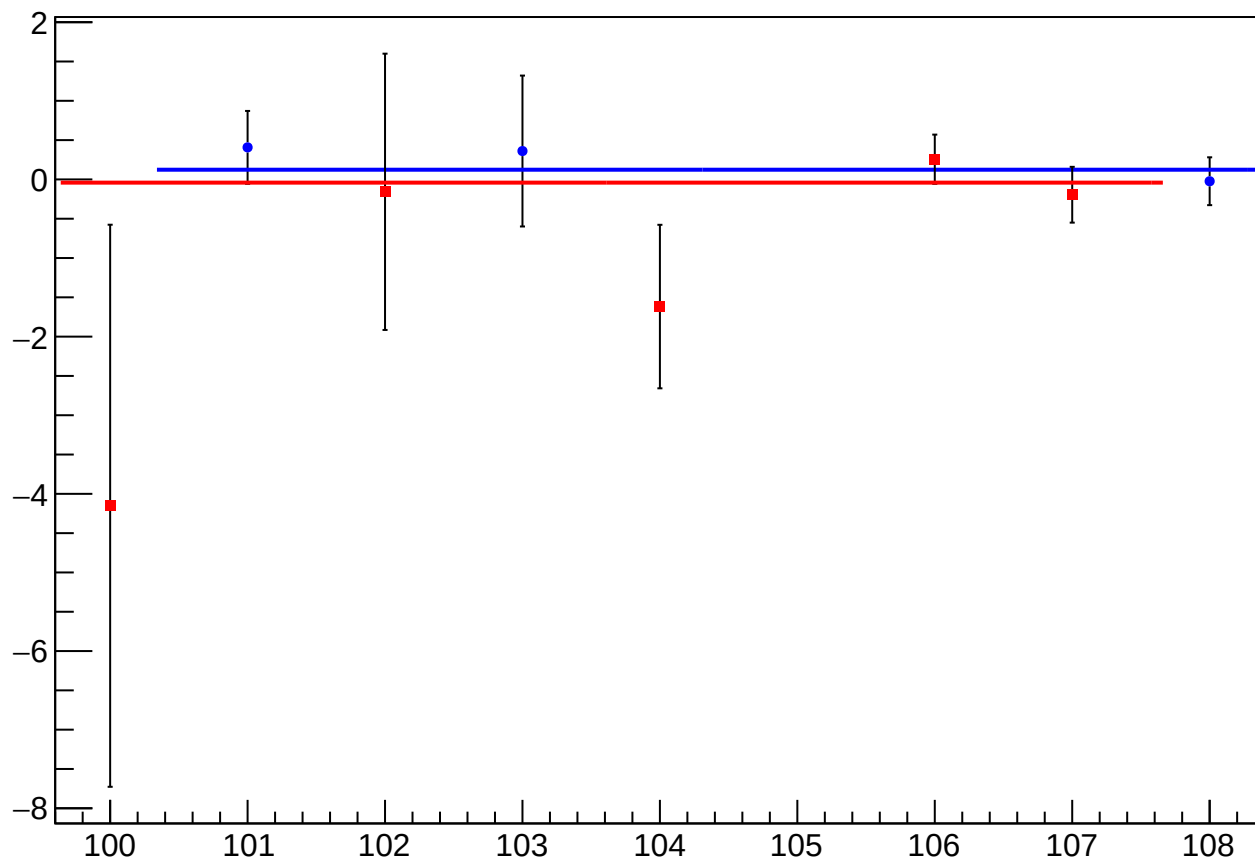
Right: 0.011+/-0.000 χ^2/NDF : 392069.0/7

In: 0.010+/-0.000 χ^2/NDF :289712.0/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 392069.0/7

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.123+/-0.246 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.041+/-0.227 χ^2/NDF : 4.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

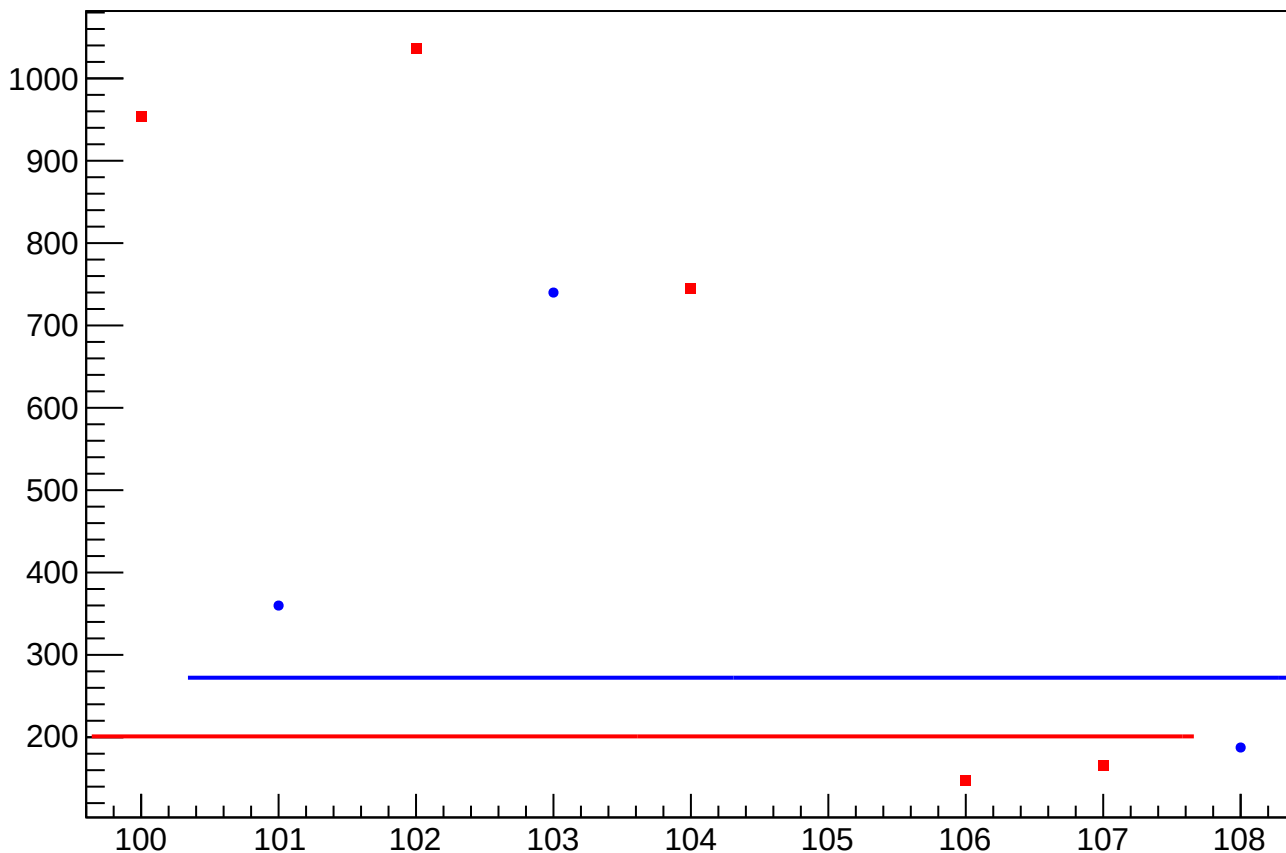
Right: 0.035+/-0.167 χ^2/NDF : 5.6/7

In: 0.123+/-0.246 χ^2/NDF : 0.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.035+/-0.167 χ^2/NDF : 5.6/7

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 272.276+/-0.174 χ^2/NDF : 701397.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 201.018+/-0.160 χ^2/NDF : 1165220.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

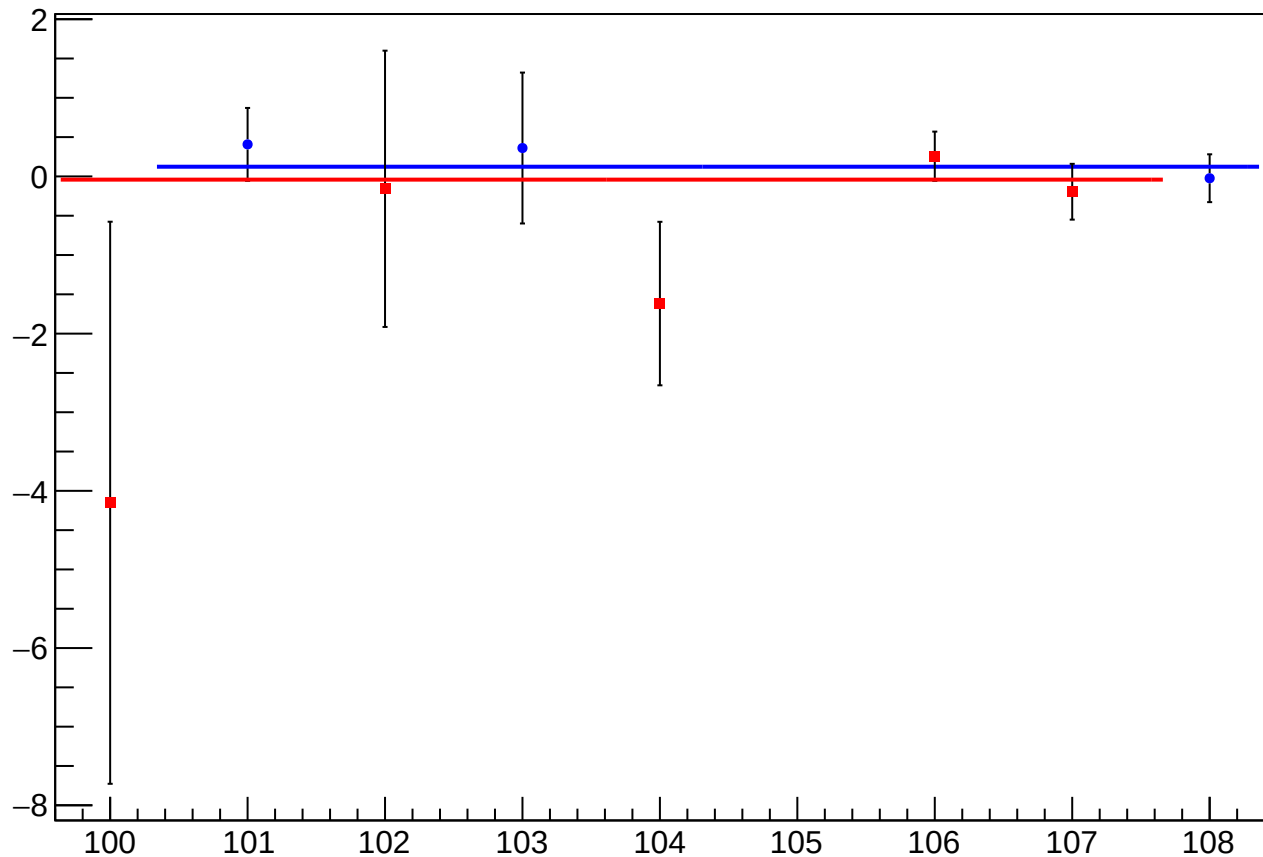
Right: 233.748+/-0.118 χ^2/NDF : 1957444.2/7

In: 272.276+/-0.174 χ^2/NDF : 701397.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 233.748+/-0.118 χ^2/NDF : 1957444.2/7

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.123+/-0.246 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.041+/-0.227 χ^2/NDF : 4.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

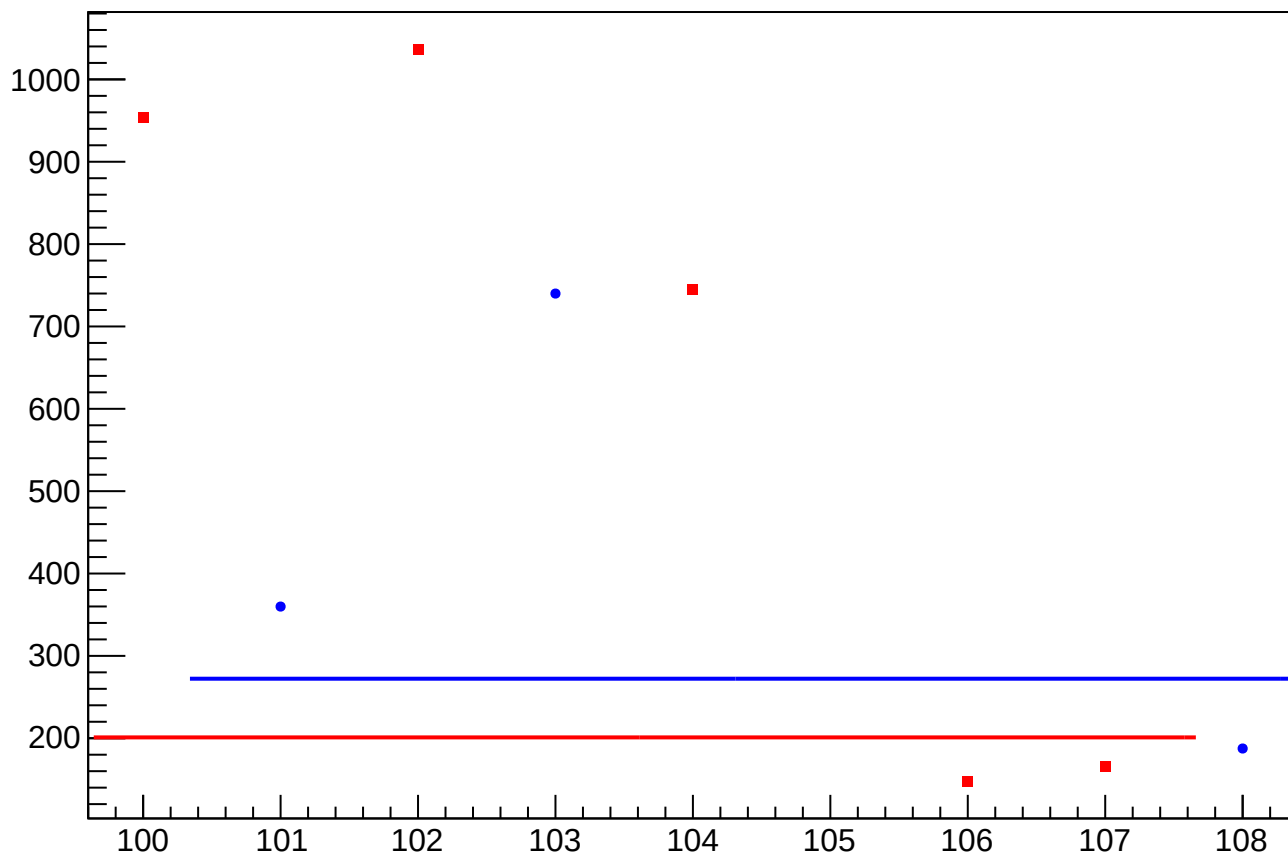
Right: 0.035+/-0.167 χ^2/NDF : 5.6/7

In: 0.123+/-0.246 χ^2/NDF : 0.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.035+/-0.167 χ^2/NDF : 5.6/7

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 272.276+/-0.174 χ^2/NDF : 701397.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 201.018+/-0.160 χ^2/NDF : 1165220.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

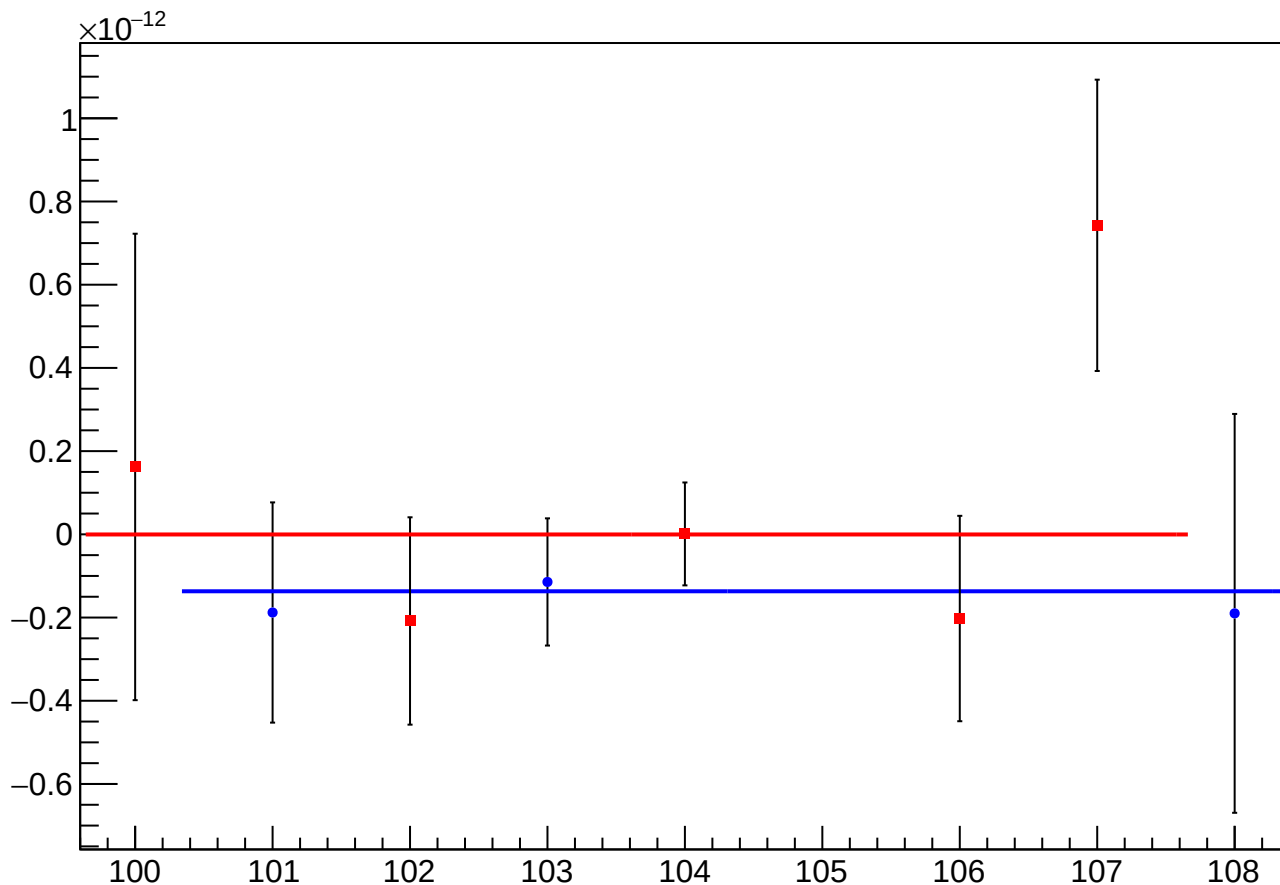
Right: 233.748+/-0.118 χ^2/NDF : 1957444.2/7

In: 272.276+/-0.174 χ^2/NDF : 701397.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 233.748+/-0.118 χ^2/NDF : 1957444.2/7

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 : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

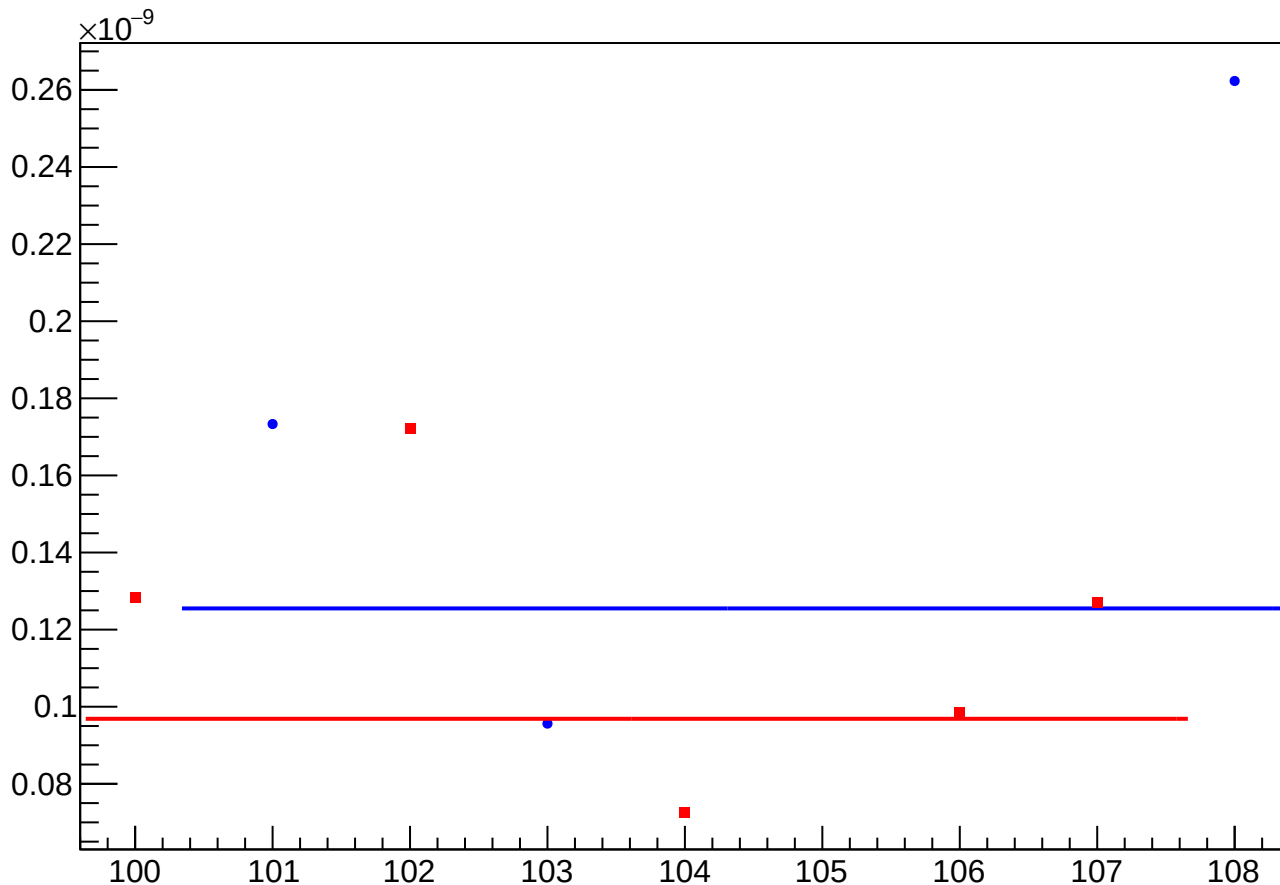
Right: -0.000+/-0.000 χ^2/NDF : 6.8/7

In: -0.000+/-0.000 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.8/7

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 : 304646.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 281231.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

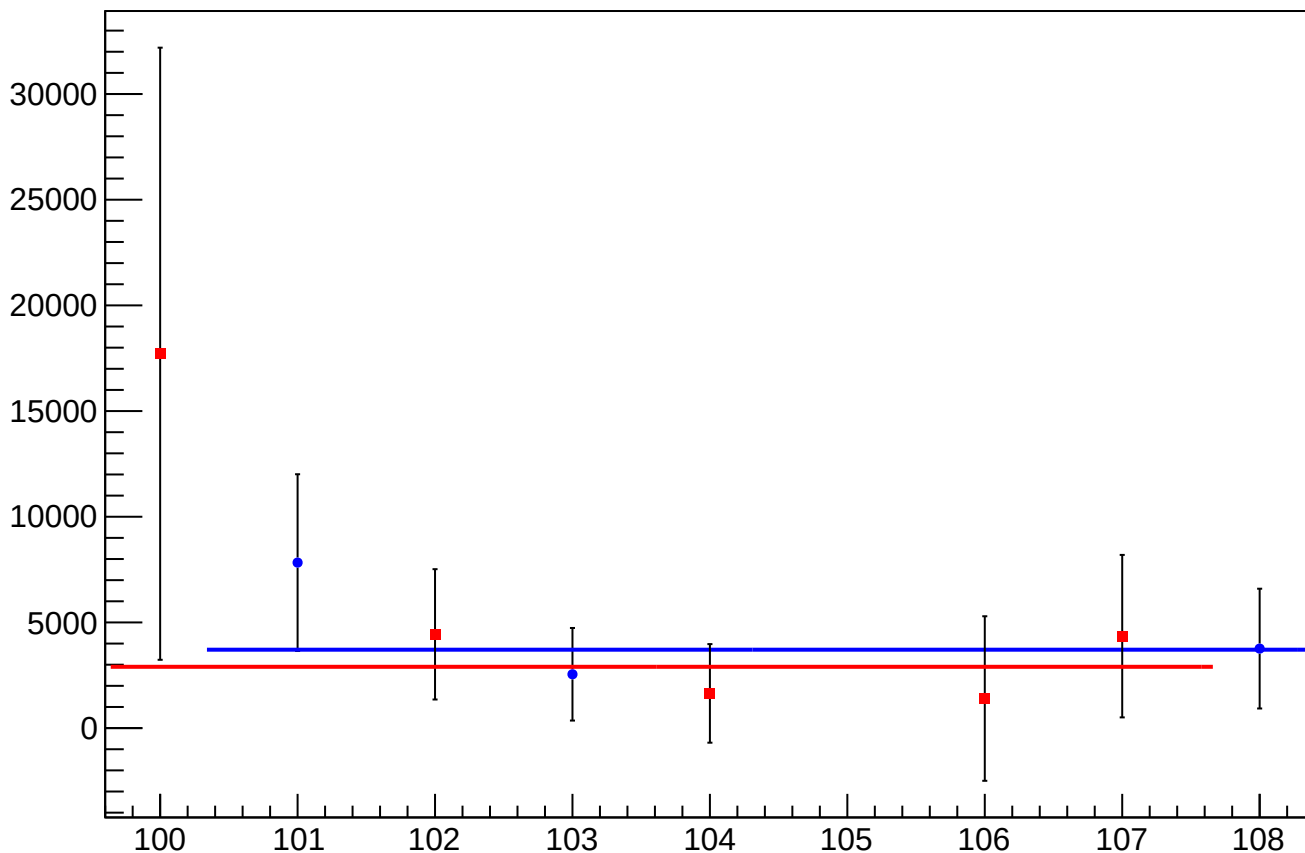
Right: 0.000+/-0.000 χ^2/NDF : 650334.1/7

In: 0.000+/-0.000 χ^2/NDF : 304646.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 650334.1/7

reg_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3709.794+/-1600.828 χ^2/NDF : 1.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2900.804+/-1529.523 χ^2/NDF : 1.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

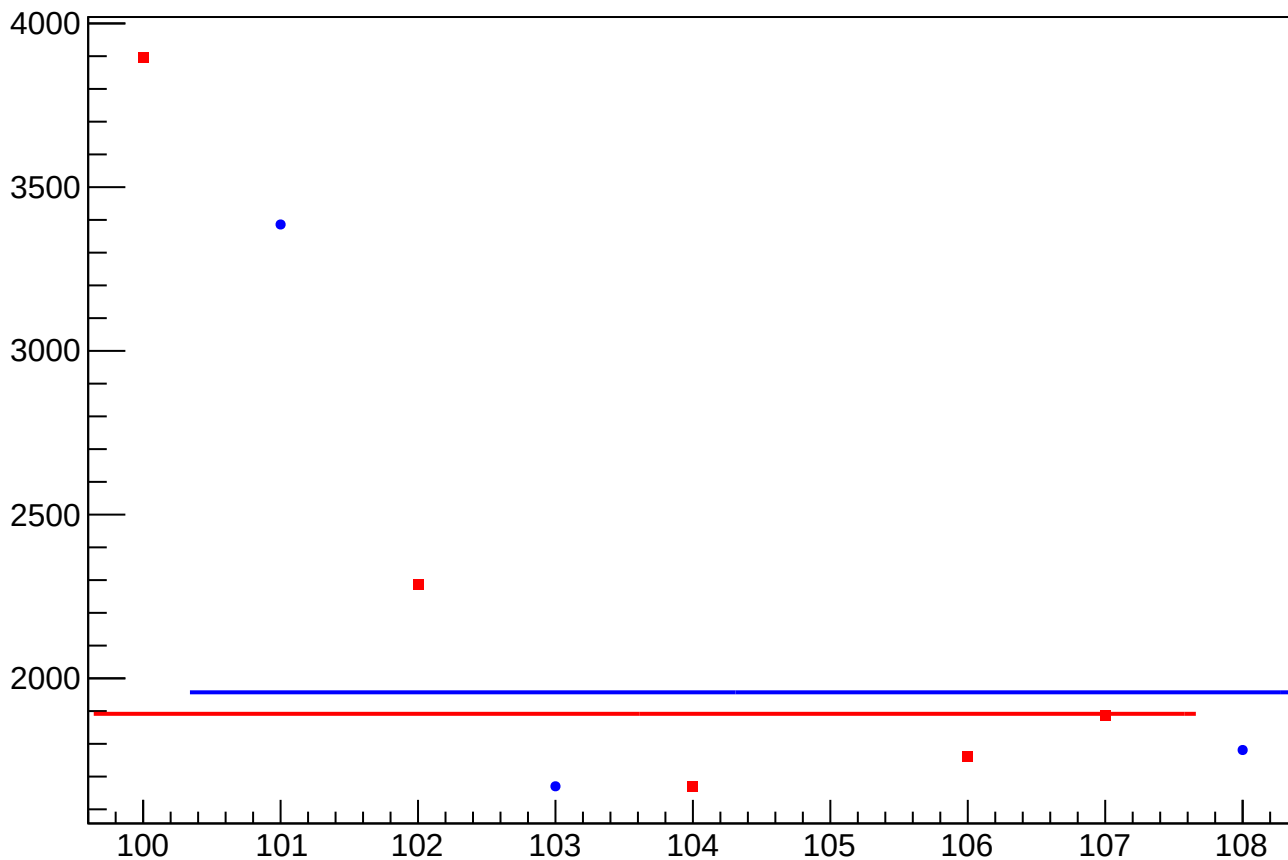
Right: 3286.881+/-1105.885 χ^2/NDF : 3.3/7

In: 3709.794+/-1600.828 χ^2/NDF : 1.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3286.881+/-1105.885 χ^2/NDF : 3.3/7

reg_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1957.308+/-1.132 χ^2/NDF : 275683.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1891.657+/-1.066 χ^2/NDF : 91791.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

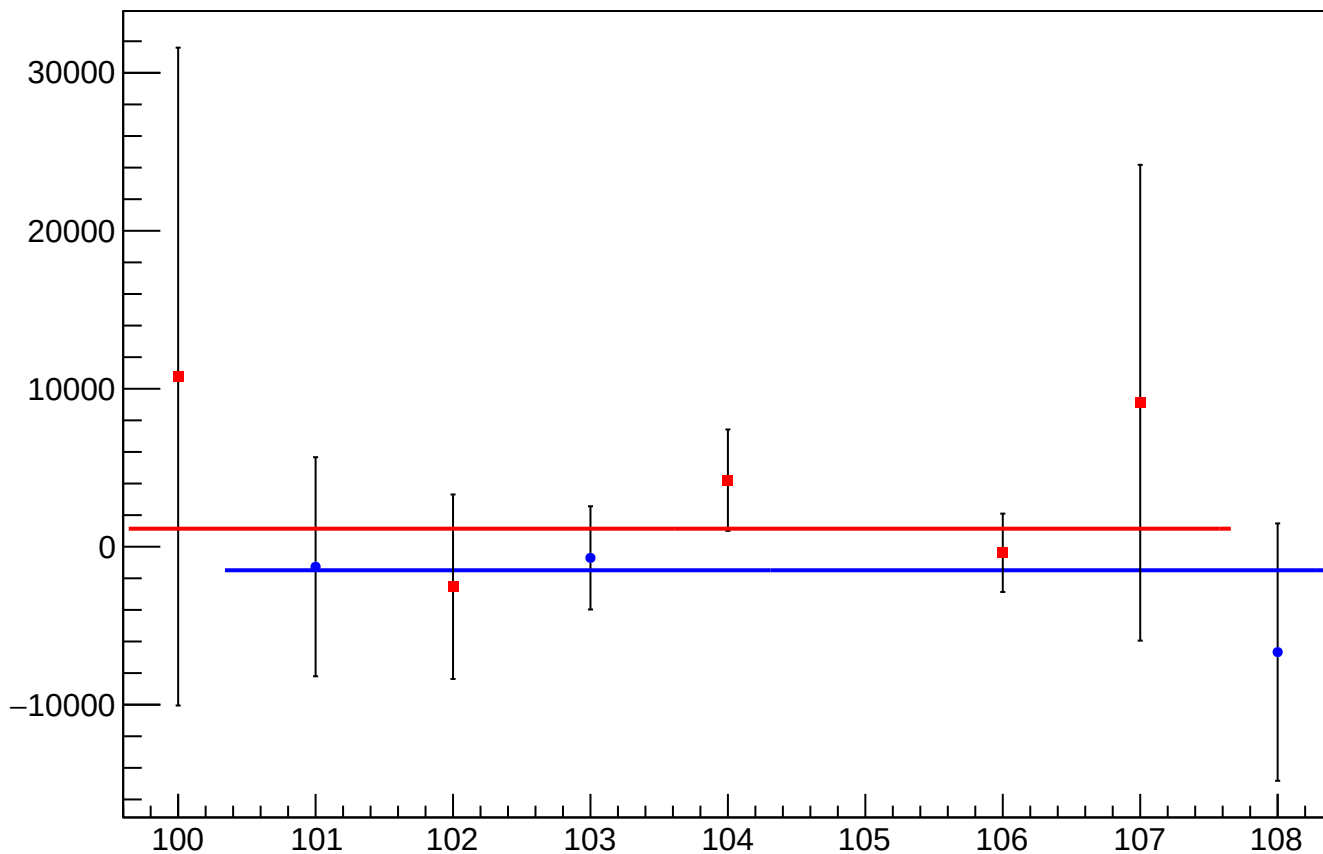
Right: 1922.512+/-0.776 χ^2/NDF : 369257.9/7

In: 1957.308+/-1.132 χ^2/NDF : 275683.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1922.512+/-0.776 χ^2/NDF : 369257.9/7

asym_us_avg_atlr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1490.747+/-2778.680 χ^2/NDF : 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1140.999+/-1839.532 χ^2/NDF : 2.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

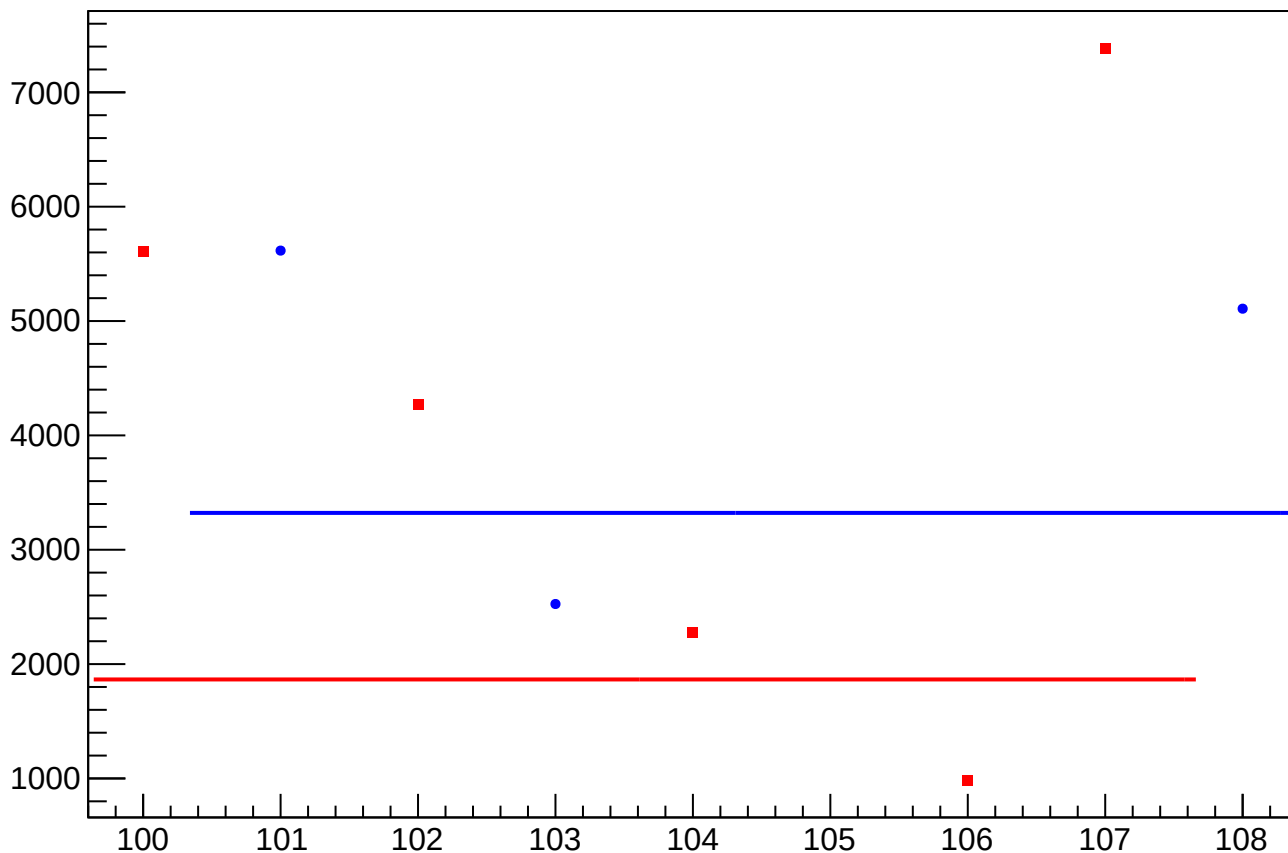
Right: 339.058+/-1533.867 χ^2/NDF : 3.3/7

In: -1490.747+/-2778.680 χ^2/NDF : 0.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 339.058+/-1533.867 χ^2/NDF : 3.3/7

asym_us_avg_atlr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3322.219+/-1.965 χ^2/NDF : 433787.6/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1865.738+/-1.301 χ^2/NDF : 959047.6/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

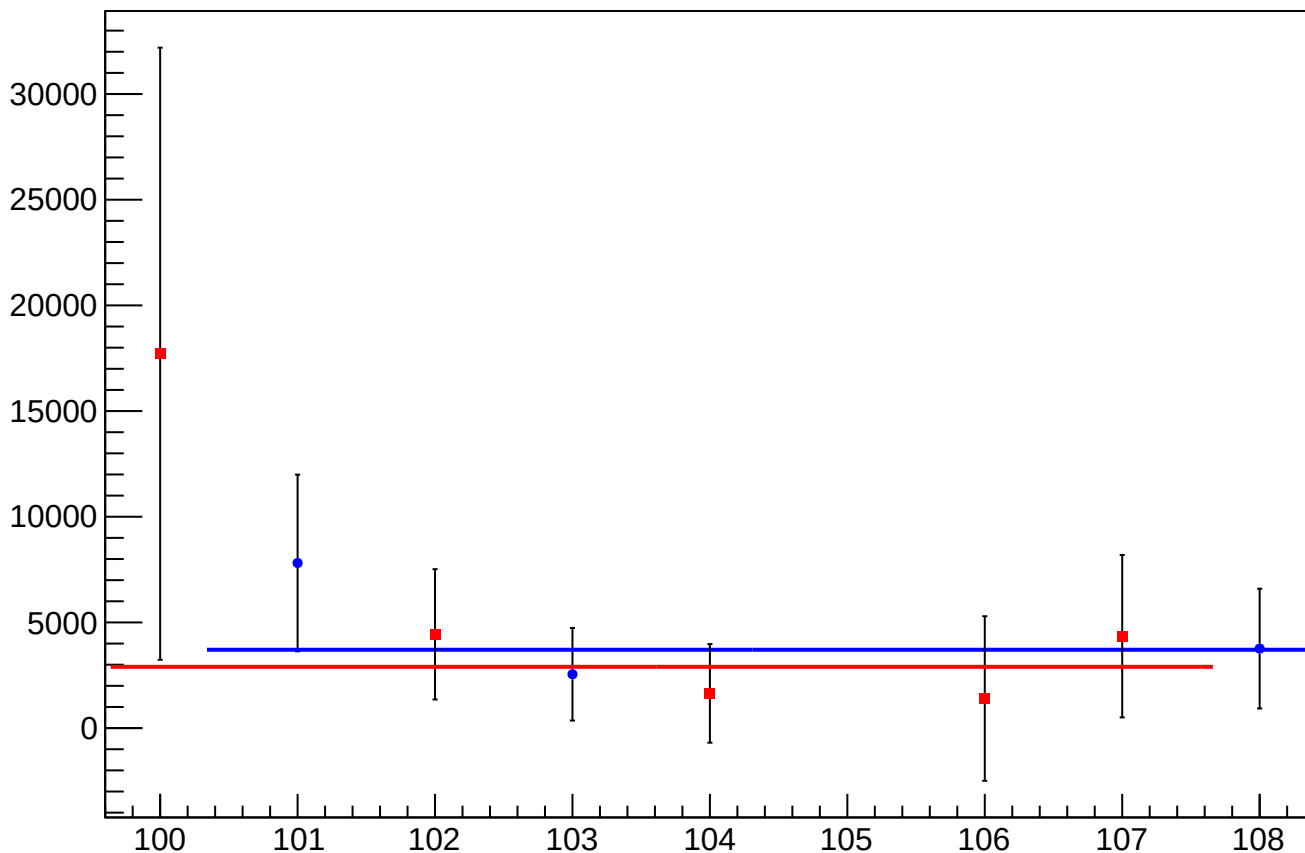
Right: 2309.555+/-1.085 χ^2/NDF : 1774887.8/7

In: 3322.219+/-1.965 χ^2/NDF :433787.6/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2309.555+/-1.085 χ^2/NDF : 1774887.8/7

cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3707.368+/-1600.831 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2900.617+/-1529.523 χ^2/NDF : 1.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

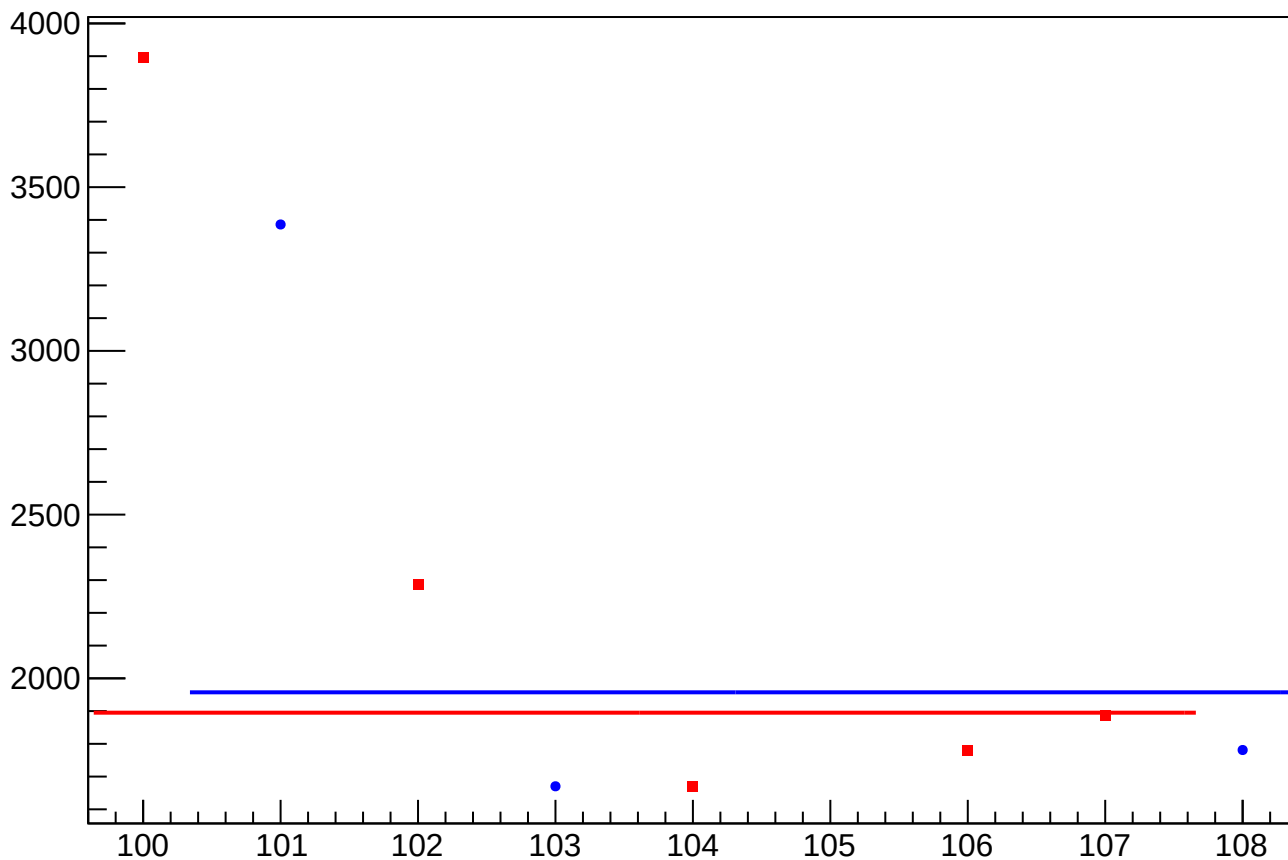
Right: 3285.625+/-1105.886 χ^2/NDF : 3.3/7

In: 3707.368+/-1600.831 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3285.625+/-1105.886 χ^2/NDF : 3.3/7

cor_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1957.307+/-1.132 χ^2/NDF : 275685.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1895.117+/-1.068 χ^2/NDF : 91085.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

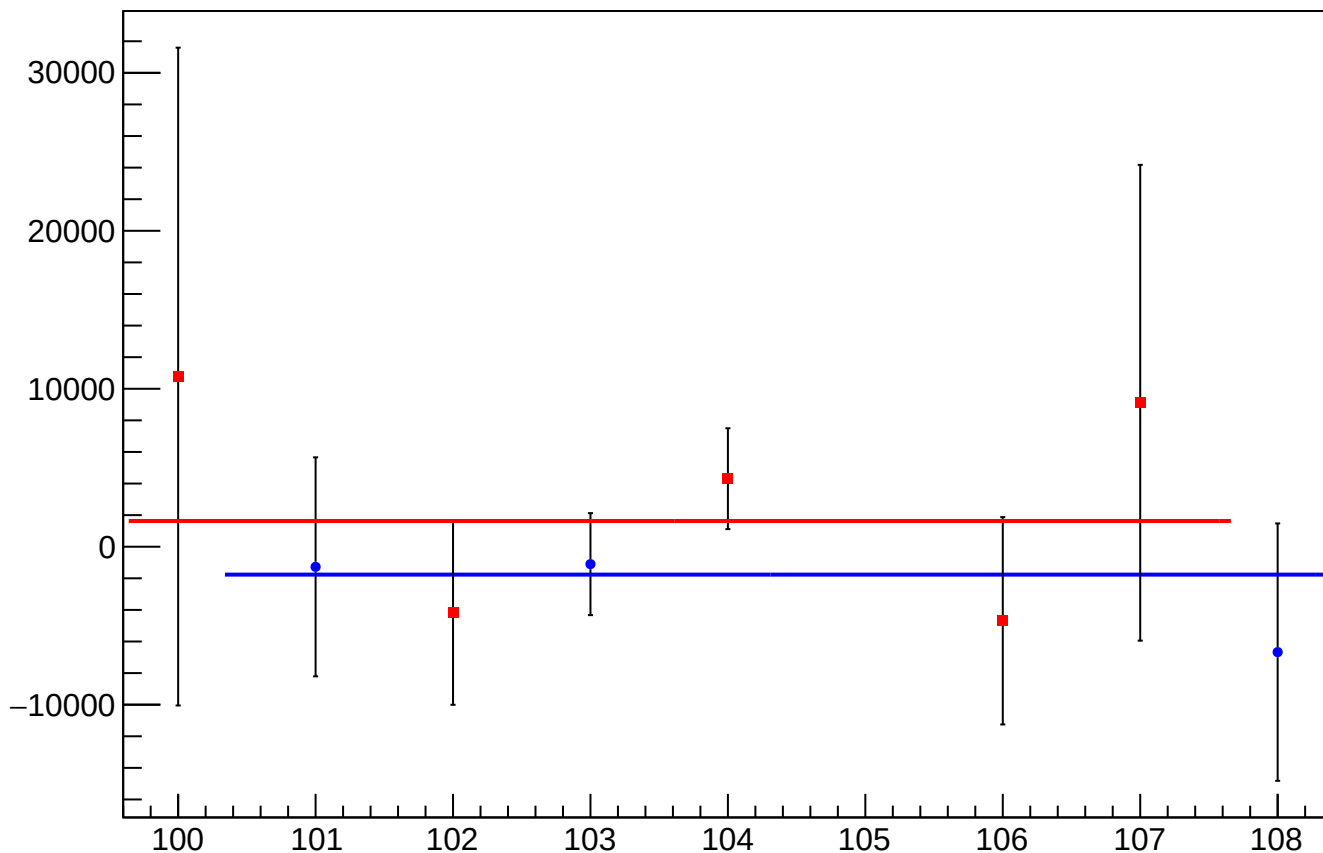
Right: 1924.394+/-0.777 χ^2/NDF : 368367.8/7

In: 1957.307+/-1.132 χ^2/NDF : 275685.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1924.394+/-0.777 χ^2/NDF : 368367.8/7

asym_us_avg_atlr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1765.581+/-2754.239 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1630.045+/-2521.382 χ^2/NDF : 3.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

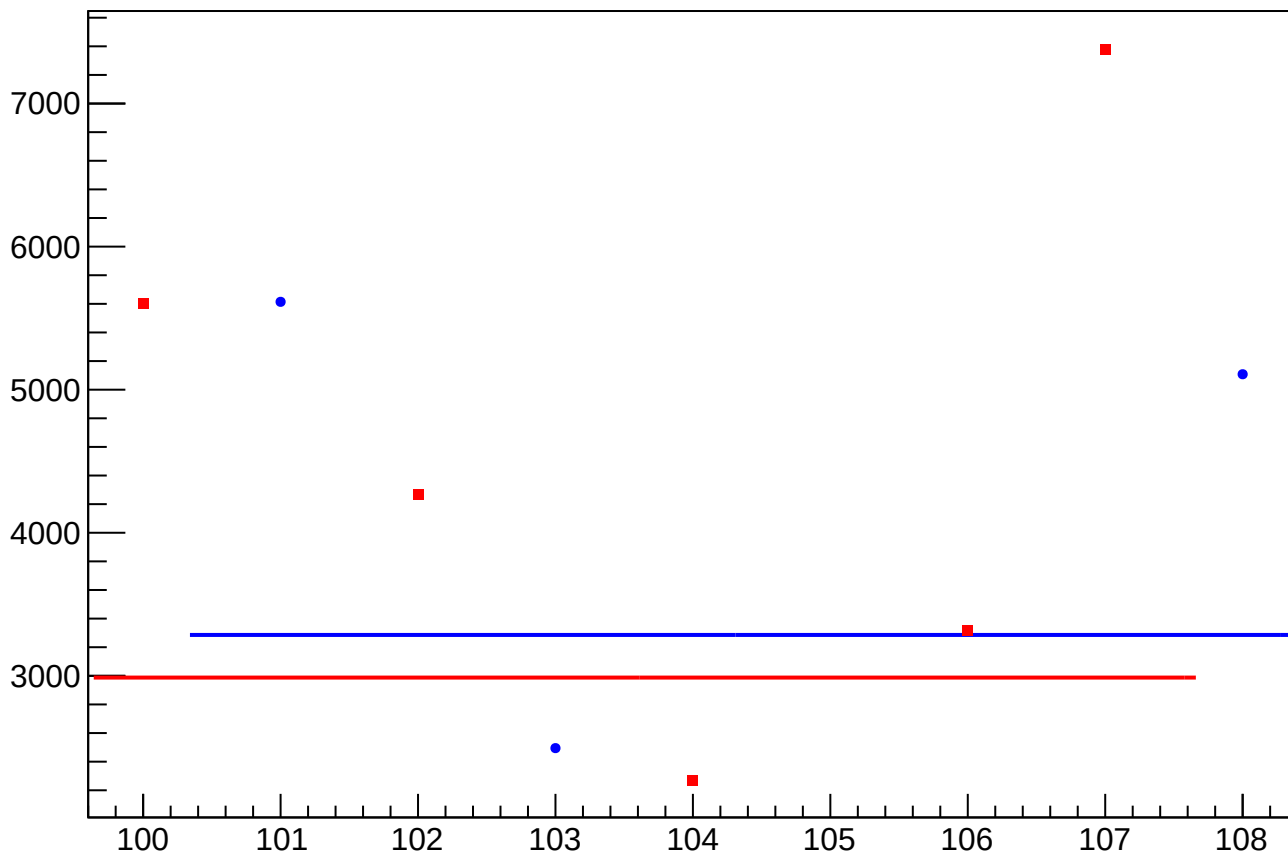
Right: 81.818+/-1859.769 χ^2/NDF : 4.3/7

In: -1765.581+/-2754.239 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.818+/-1859.769 χ^2/NDF : 4.3/7

asym_us_avg_atlr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3285.803+/-1.948 χ^2/NDF : 445771.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2987.795+/-1.783 χ^2/NDF : 403777.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

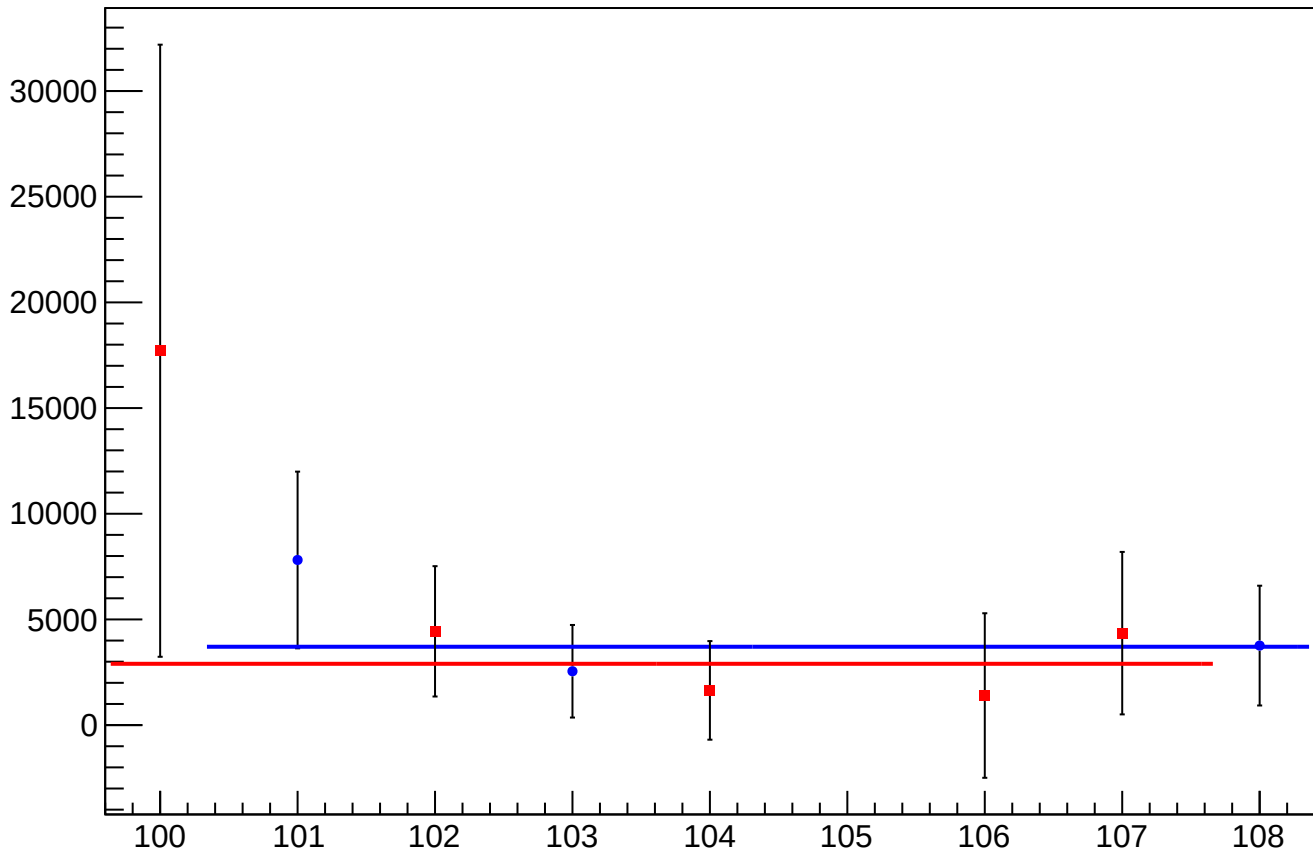
Right: 3123.671+/-1.315 χ^2/NDF : 862287.0/7

In: 3285.803+/-1.948 χ^2/NDF : 445771.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3123.671+/-1.315 χ^2/NDF : 862287.0/7

eigen_cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3707.368+/-1600.831 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2900.617+/-1529.523 χ^2/NDF : 1.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

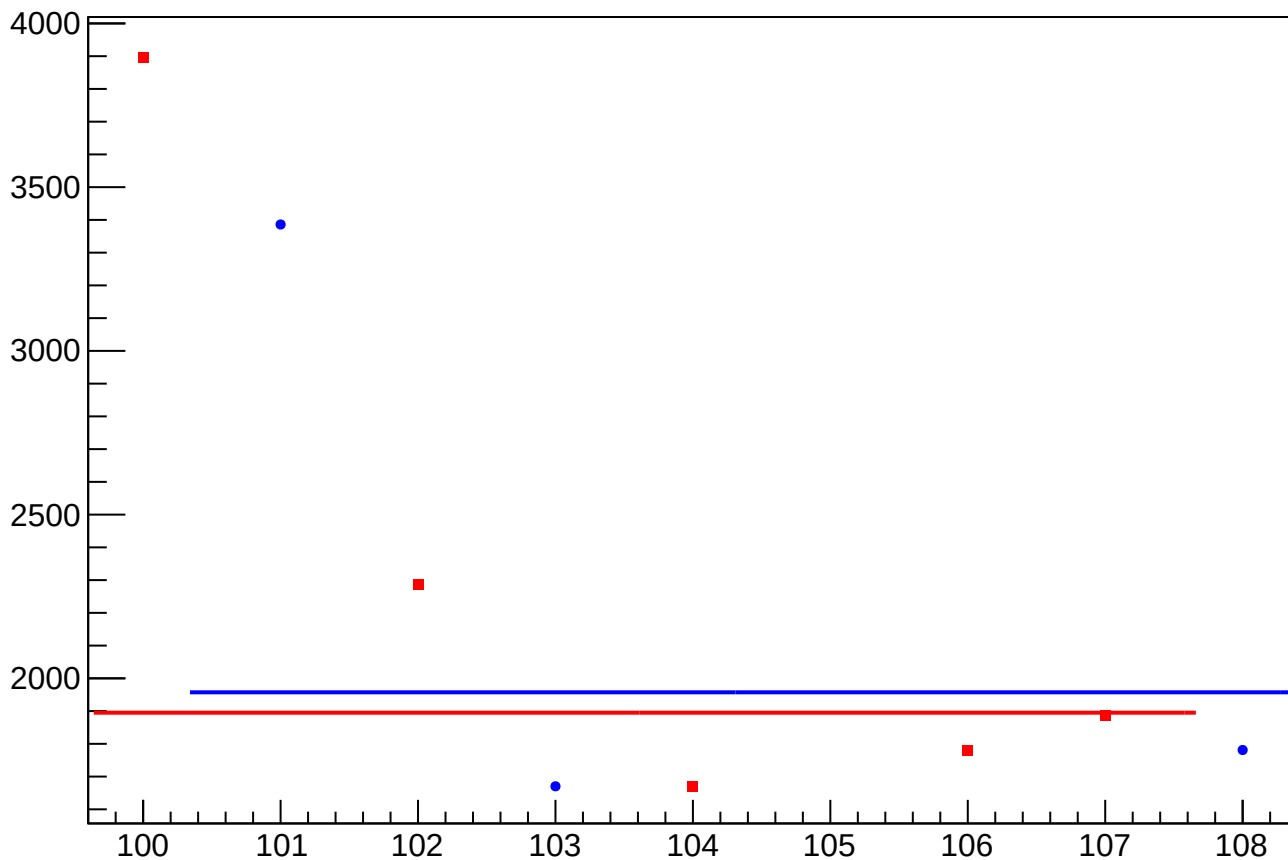
Right: 3285.625+/-1105.886 χ^2/NDF : 3.3/7

In: 3707.368+/-1600.831 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3285.625+/-1105.886 χ^2/NDF : 3.3/7

eigen_cor_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1957.307+/-1.132 χ^2/NDF : 275685.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1895.117+/-1.068 χ^2/NDF : 91085.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

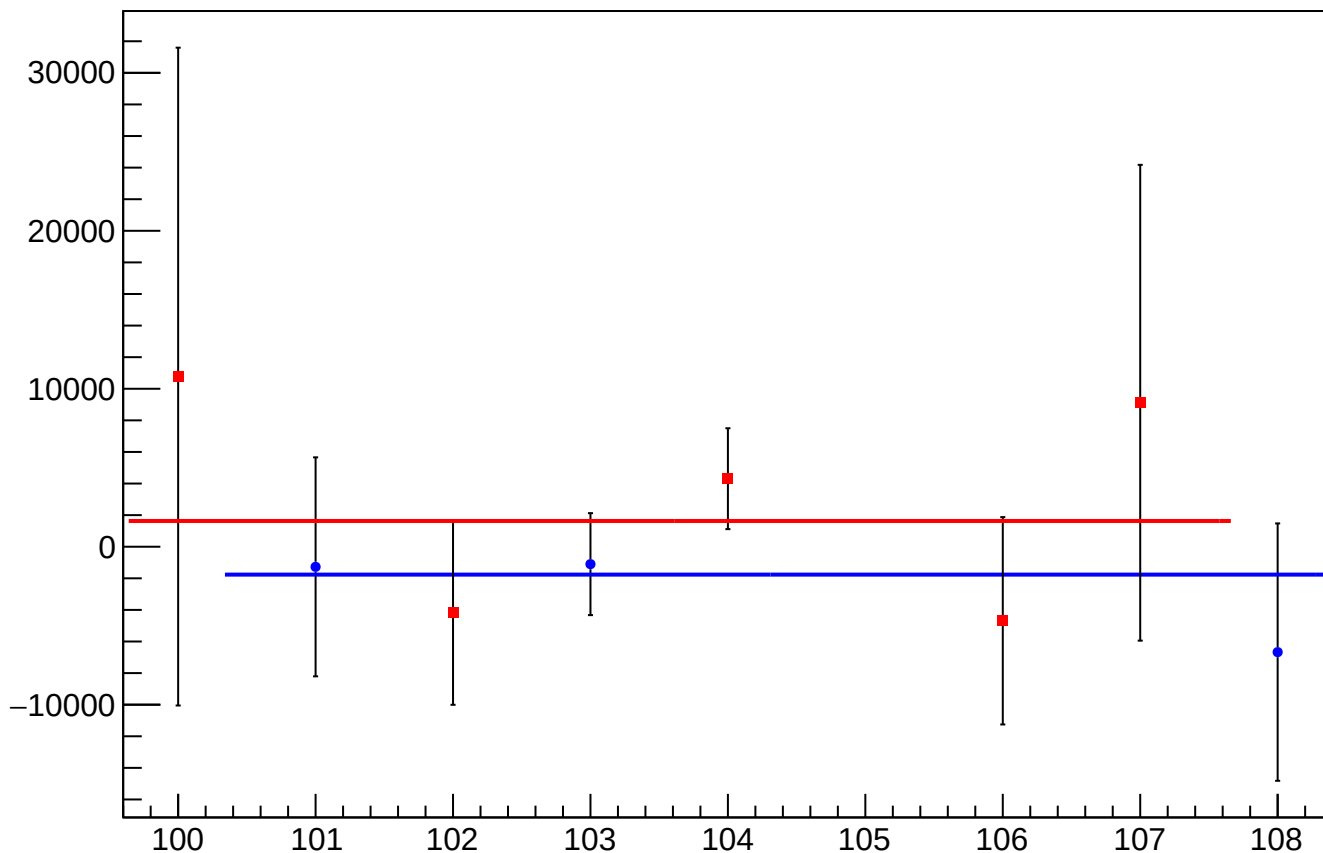
Right: 1924.394+/-0.777 χ^2/NDF : 368367.8/7

In: 1957.307+/-1.132 χ^2/NDF : 275685.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1924.394+/-0.777 χ^2/NDF : 368367.8/7

asym_us_avg_atlr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1765.581+/-2754.239 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1630.045+/-2521.382 χ^2/NDF : 3.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

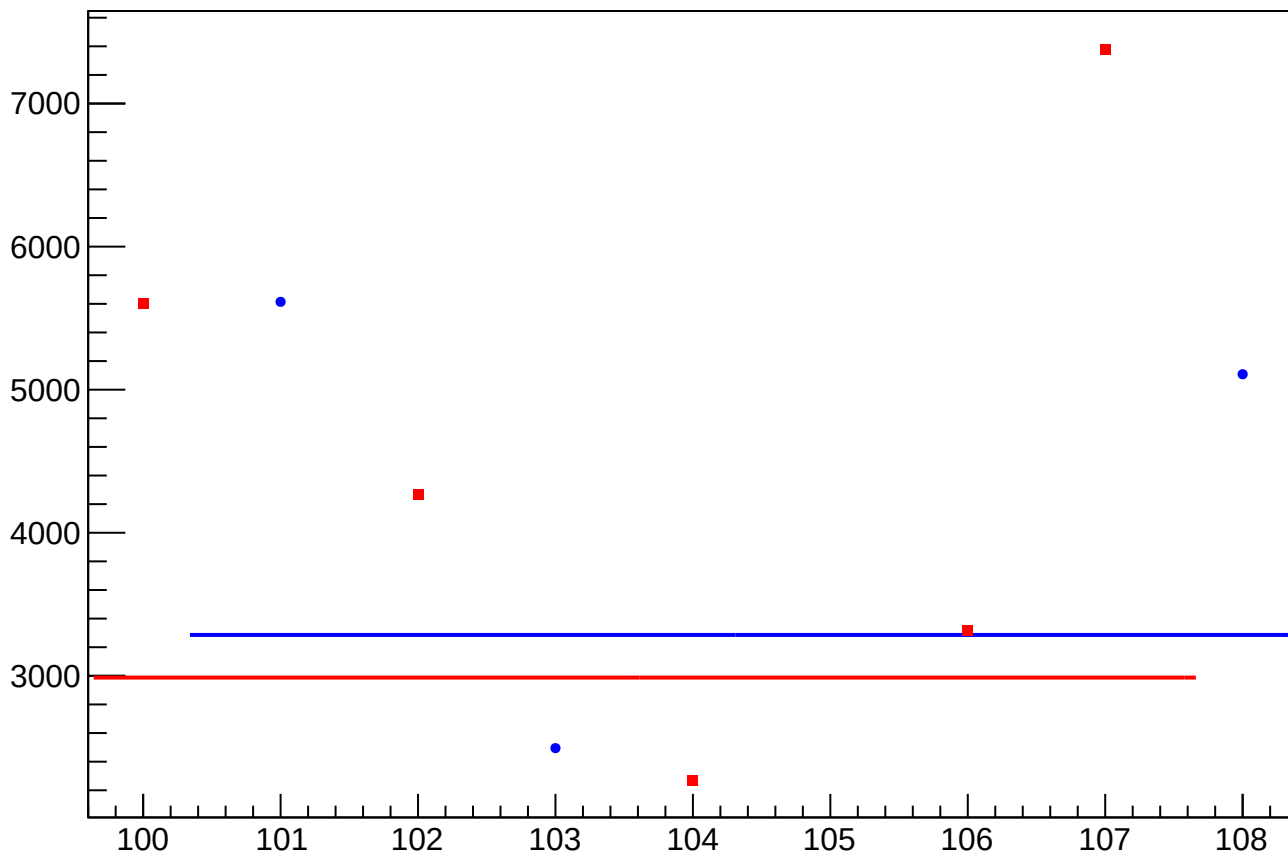
Right: 81.818+/-1859.769 χ^2/NDF : 4.3/7

In: -1765.581+/-2754.239 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.818+/-1859.769 χ^2/NDF : 4.3/7

asym_us_avg_atlr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3285.803+/-1.948 χ^2/NDF : 445771.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2987.795+/-1.783 χ^2/NDF : 403777.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

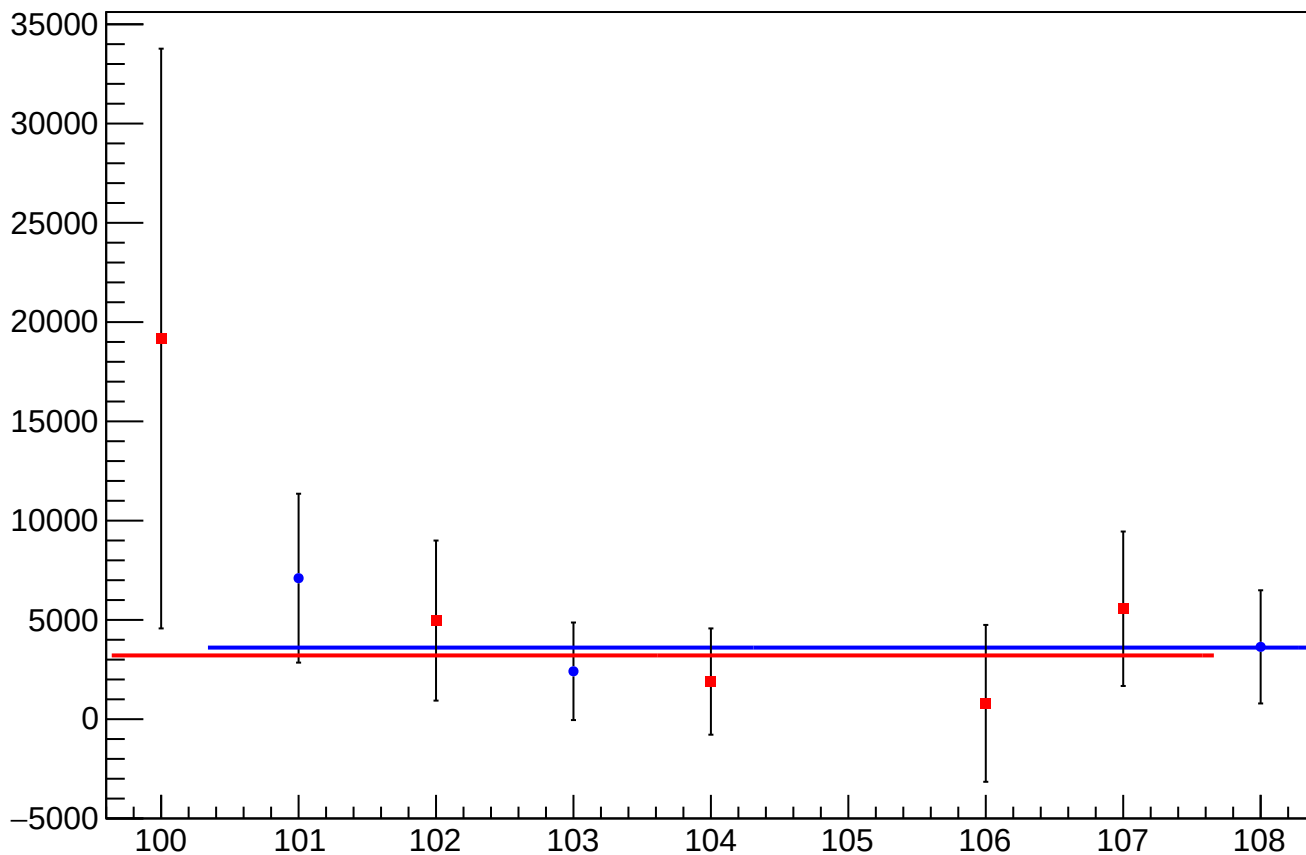
Right: 3123.671+/-1.315 χ^2/NDF : 862287.0/7

In: 3285.803+/-1.948 χ^2/NDF : 445771.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3123.671+/-1.315 χ^2/NDF : 862287.0/7

dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3605.688+/-1704.802 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3210.670+/-1725.219 χ^2/NDF : 2.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

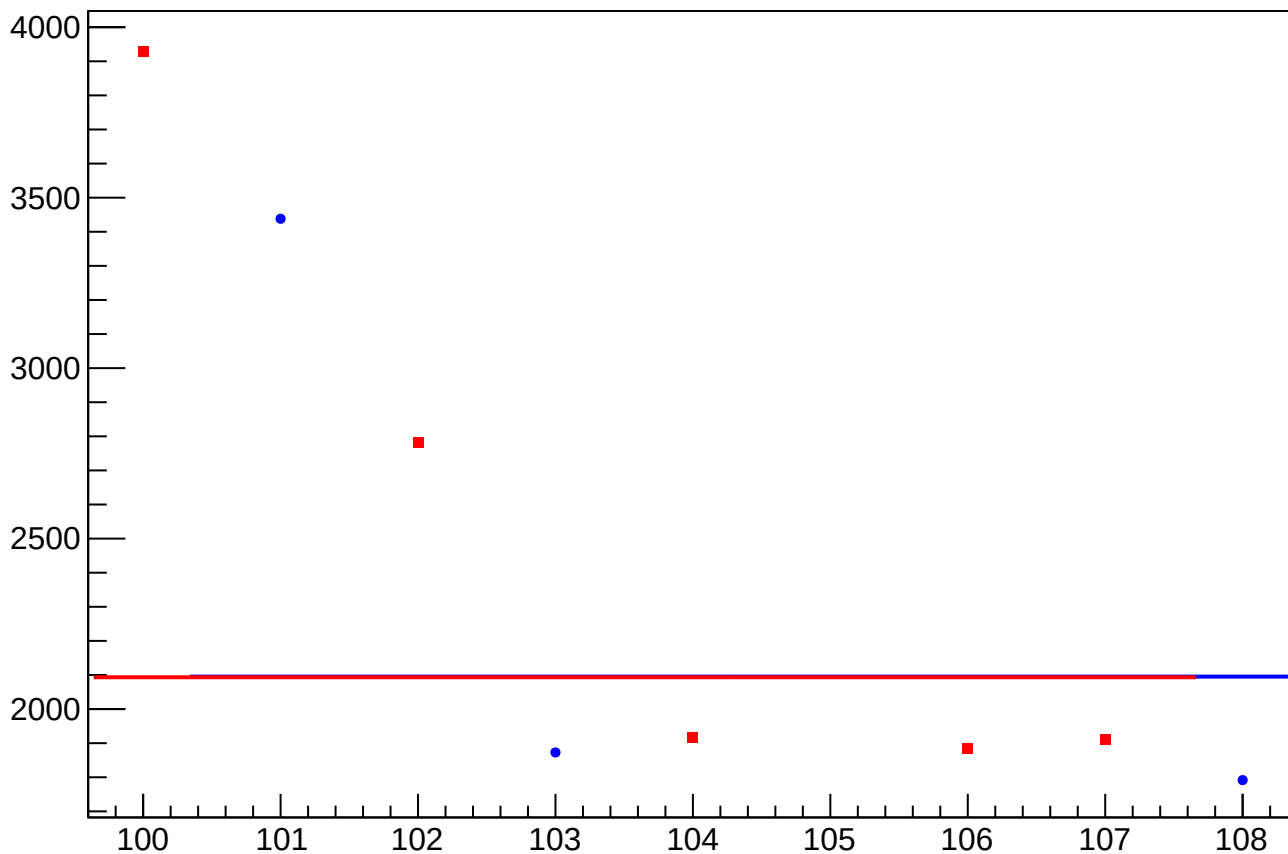
Right: 3410.530+/-1212.631 χ^2/NDF : 3.3/7

In: 3605.688+/-1704.802 χ^2/NDF : 0.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3410.530+/-1212.631 χ^2/NDF : 3.3/7

dit_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2095.267+/-1.205 χ^2/NDF : 238458.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2093.306+/-1.212 χ^2/NDF : 108879.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

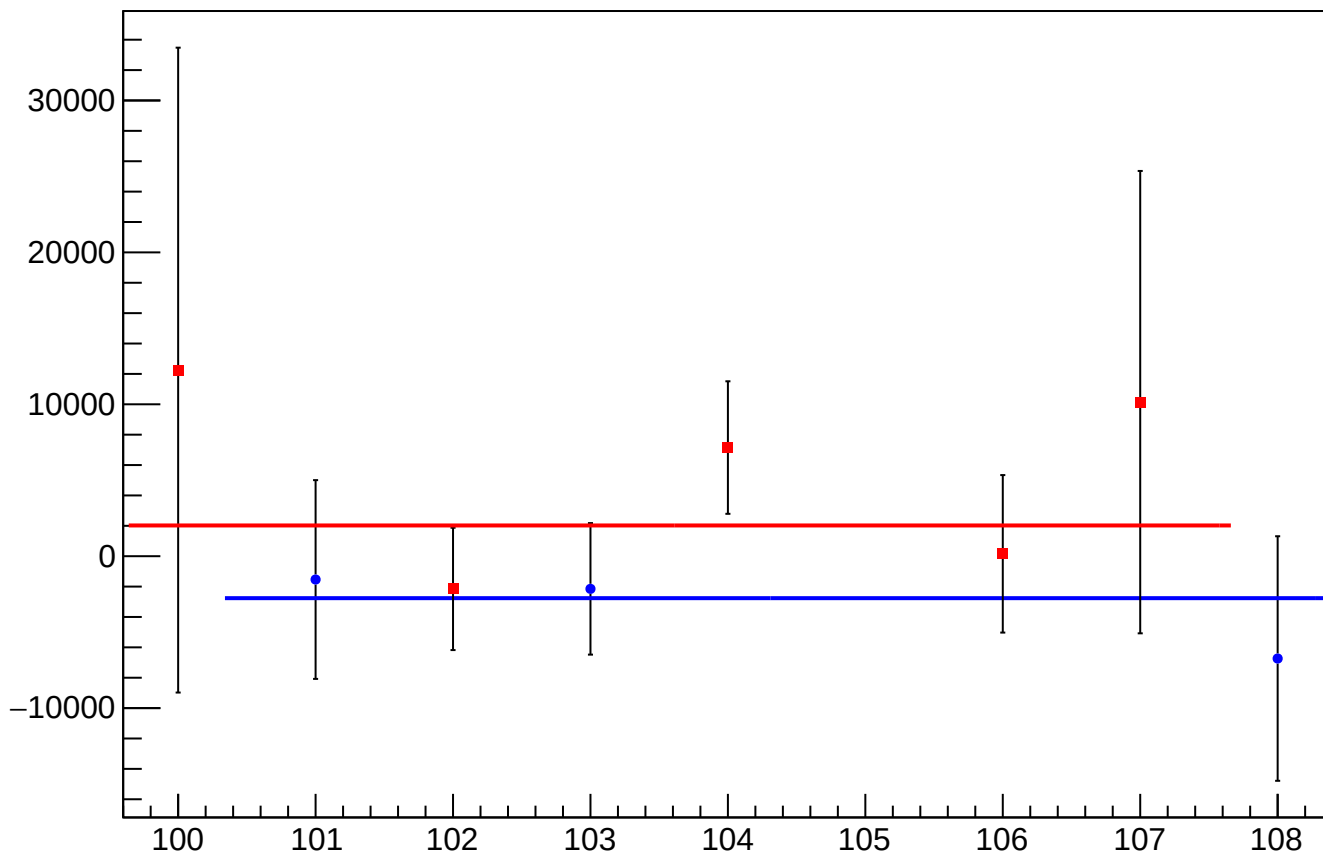
Right: 2094.292+/-0.855 χ^2/NDF : 347339.4/7

In: 2095.267+/-1.205 χ^2/NDF : 238458.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2094.292+/-0.855 χ^2/NDF : 347339.4/7

asym_us_avg_atlr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -2762.151+/-3294.077 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2023.851+/-2515.710 χ^2/NDF : 3.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

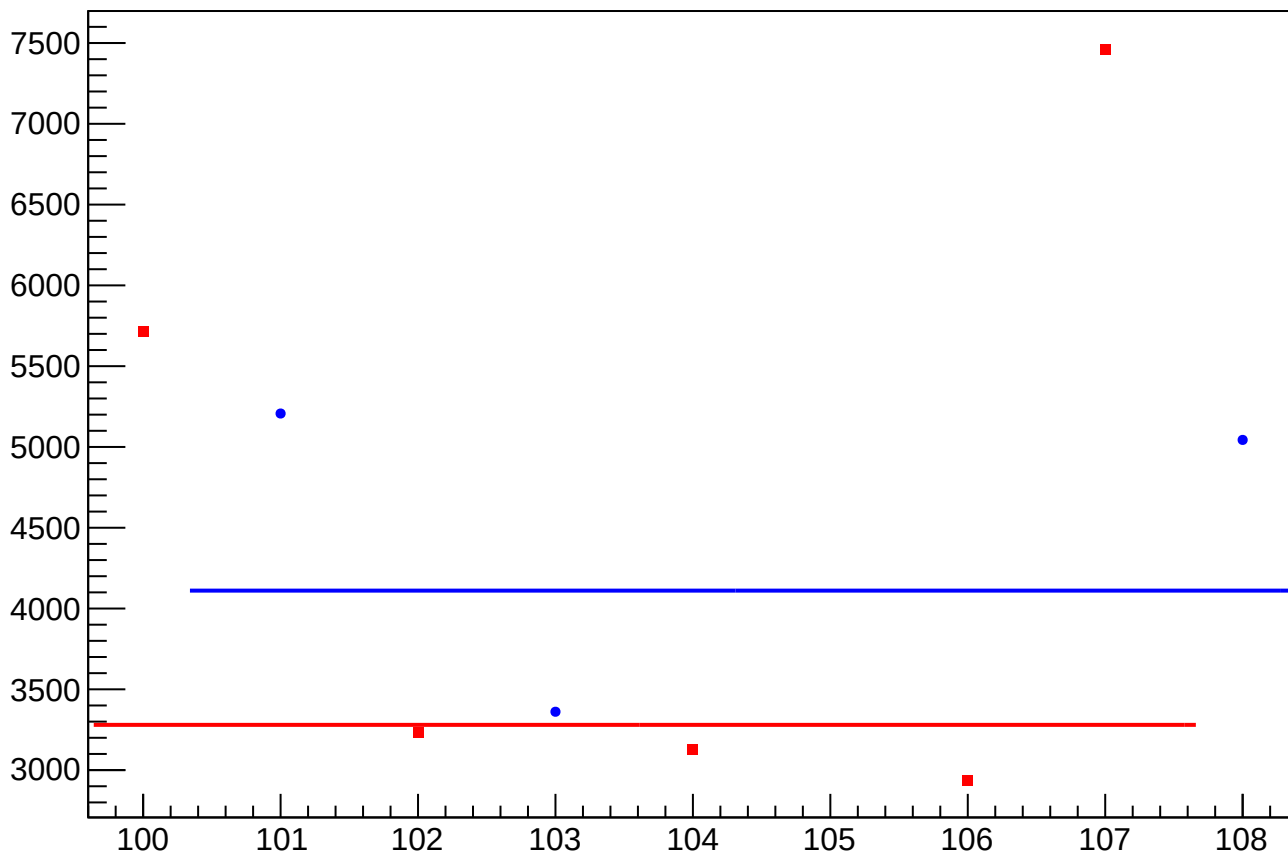
Right: 260.749+/-1999.337 χ^2/NDF : 4.7/7

In: -2762.151+/-3294.077 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 260.749+/-1999.337 χ^2/NDF : 4.7/7

asym_us_avg_atlr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4110.870+/-2.329 χ^2/NDF : 142972.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3280.009+/-1.779 χ^2/NDF : 188540.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

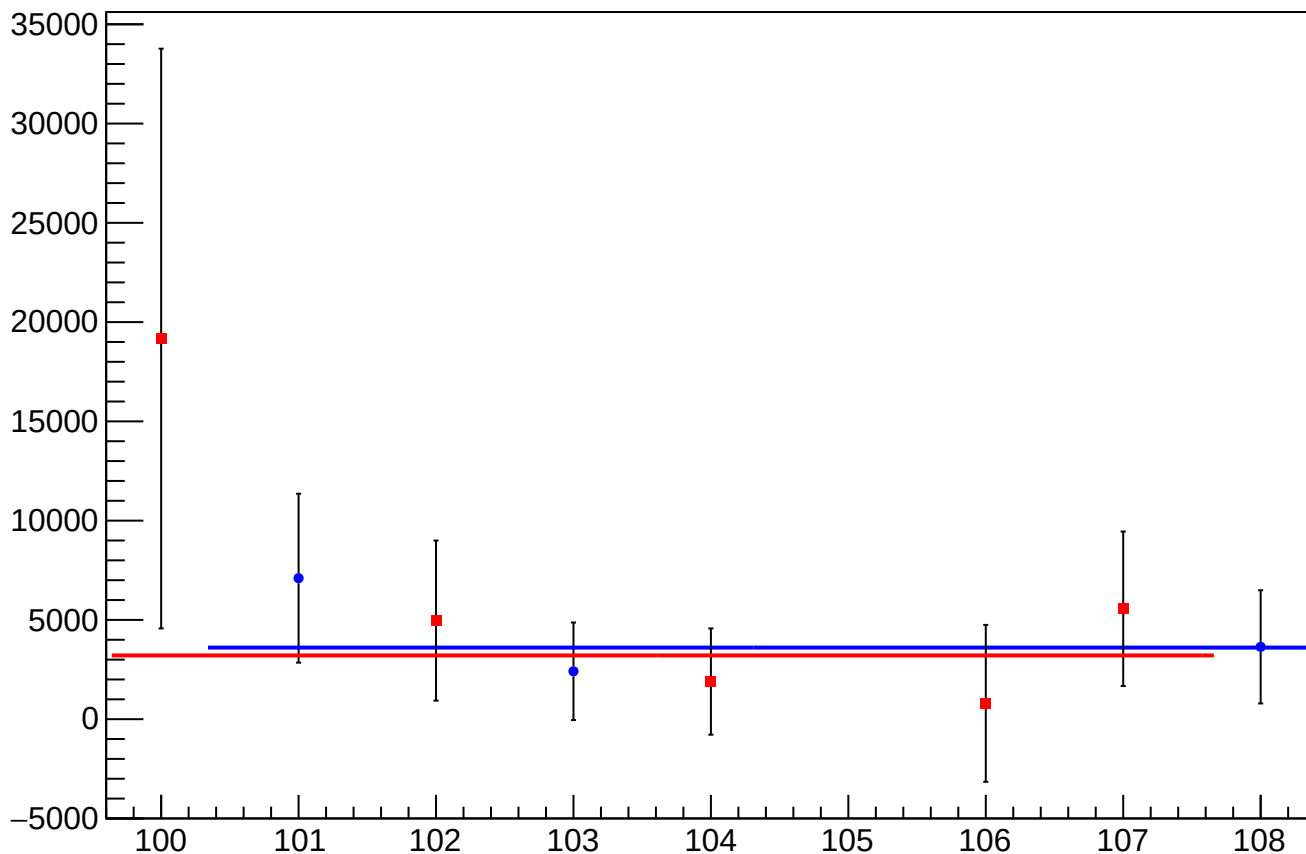
Right: 3586.087+/-1.414 χ^2/NDF : 411878.3/7

In: 4110.870+/-2.329 χ^2/NDF : 142972.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3586.087+/-1.414 χ^2/NDF : 411878.3/7

eigen_dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3605.685+/-1704.801 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3210.651+/-1725.217 χ^2/NDF : 2.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

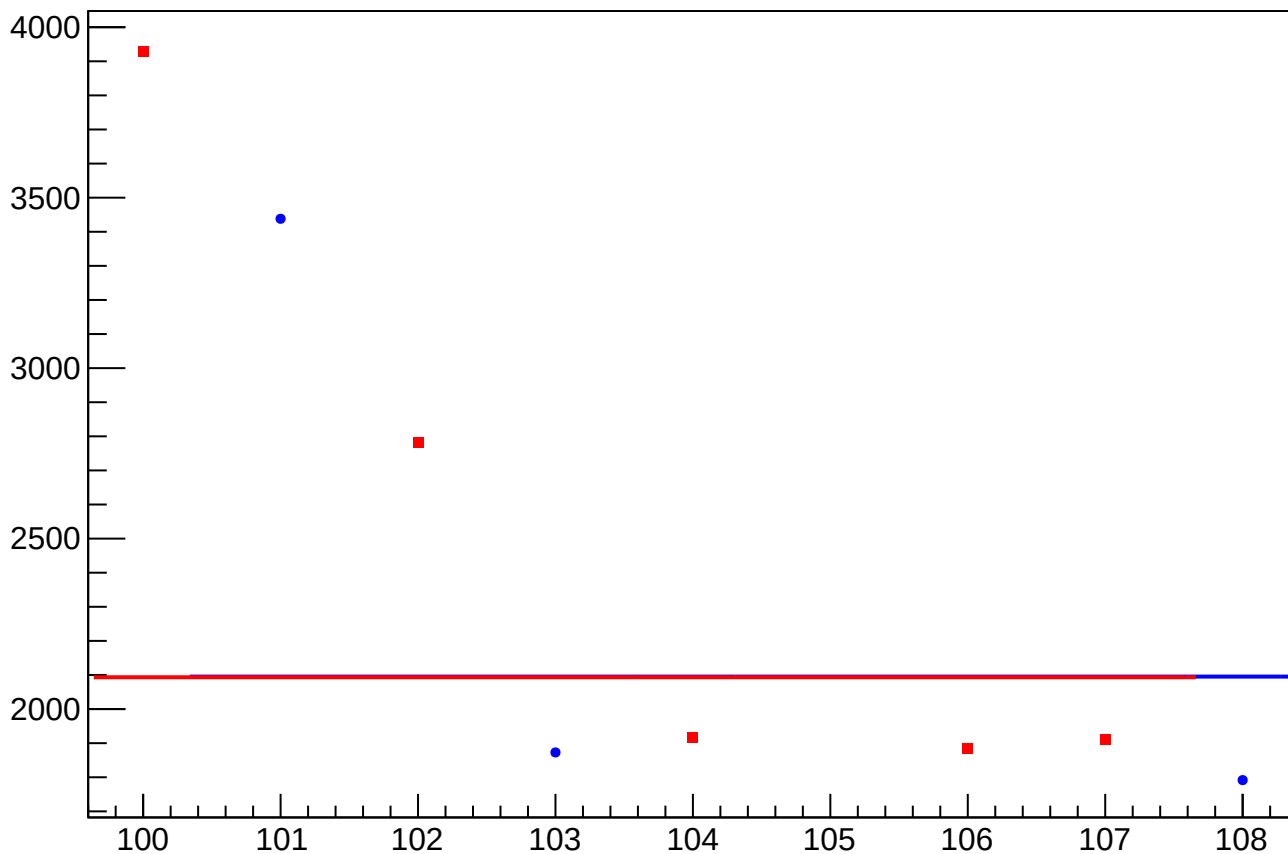
Right: 3410.519+/-1212.630 χ^2/NDF : 3.3/7

In: 3605.685+/-1704.801 χ^2/NDF : 0.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3410.519+/-1212.630 χ^2/NDF : 3.3/7

eigen_dit_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2095.266+/-1.205 χ^2/NDF : 238458.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2093.304+/-1.212 χ^2/NDF : 108879.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

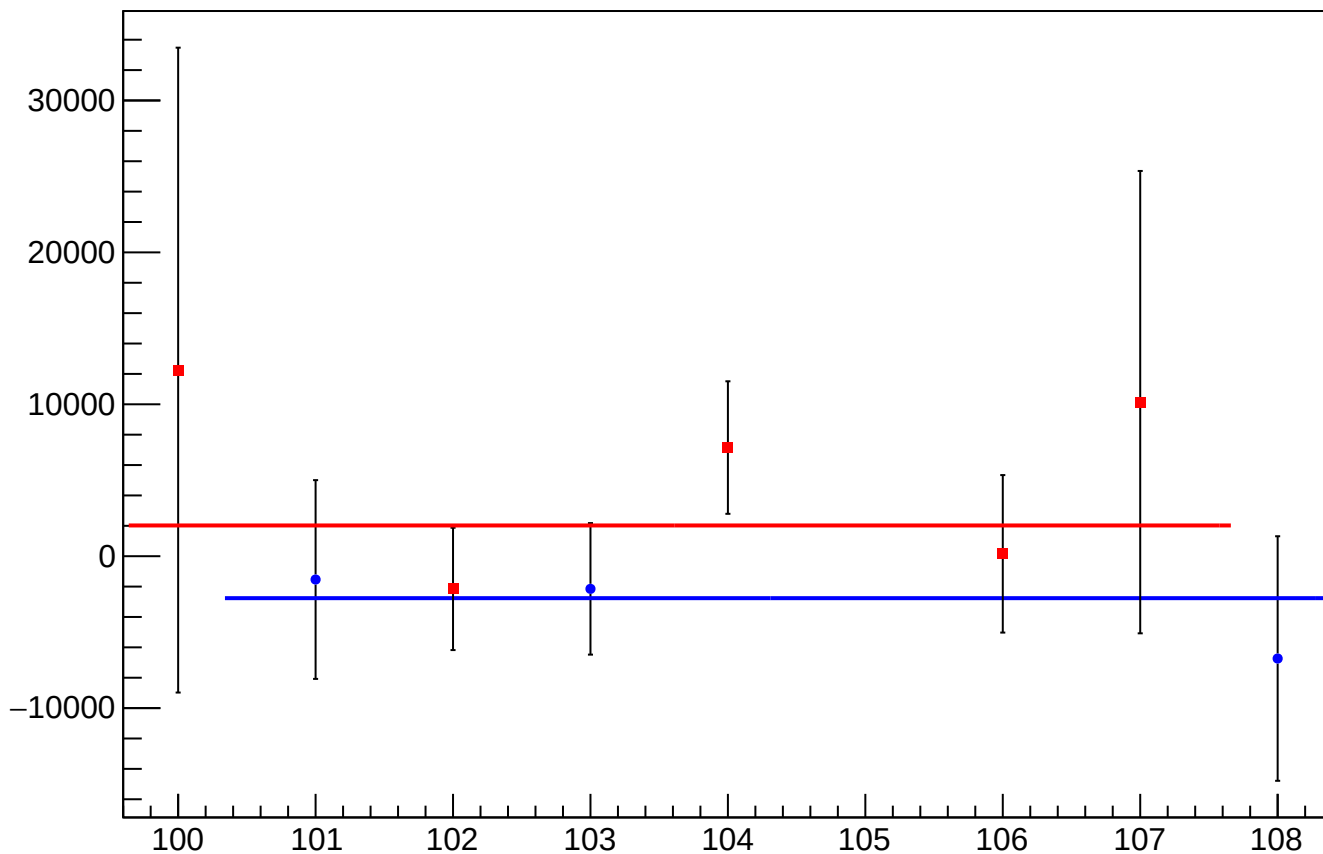
Right: 2094.290+/-0.855 χ^2/NDF : 347339.7/7

In: 2095.266+/-1.205 χ^2/NDF : 238458.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2094.290+/-0.855 χ^2/NDF : 347339.7/7

asym_us_avg_atlr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -2762.153+/-3294.071 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2023.846+/-2515.704 χ^2/NDF : 3.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

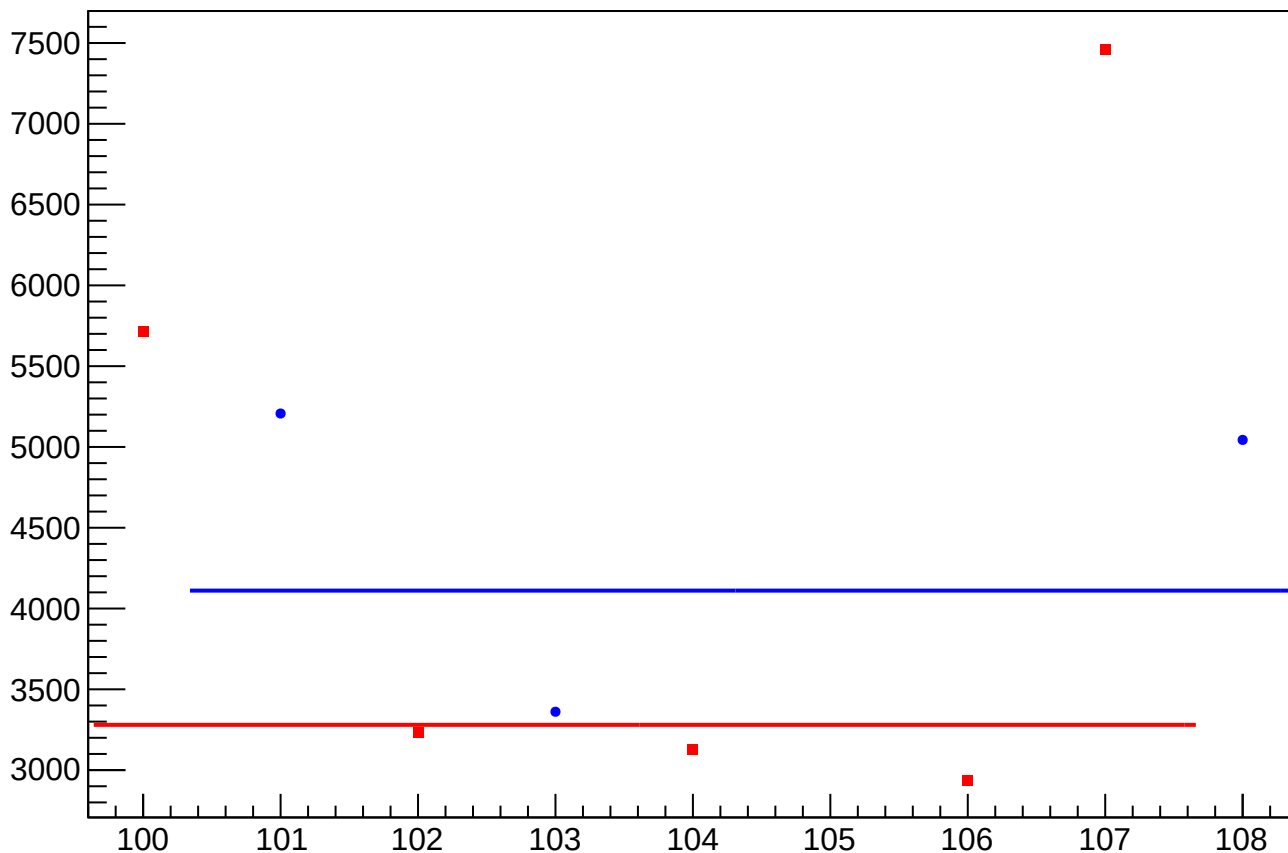
Right: 260.746+/-1999.333 χ^2/NDF : 4.7/7

In: -2762.153+/-3294.071 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 260.746+/-1999.333 χ^2/NDF : 4.7/7

asym_us_avg_atlr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4110.861+/-2.329 χ^2/NDF : 142973.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3280.001+/-1.779 χ^2/NDF : 188540.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

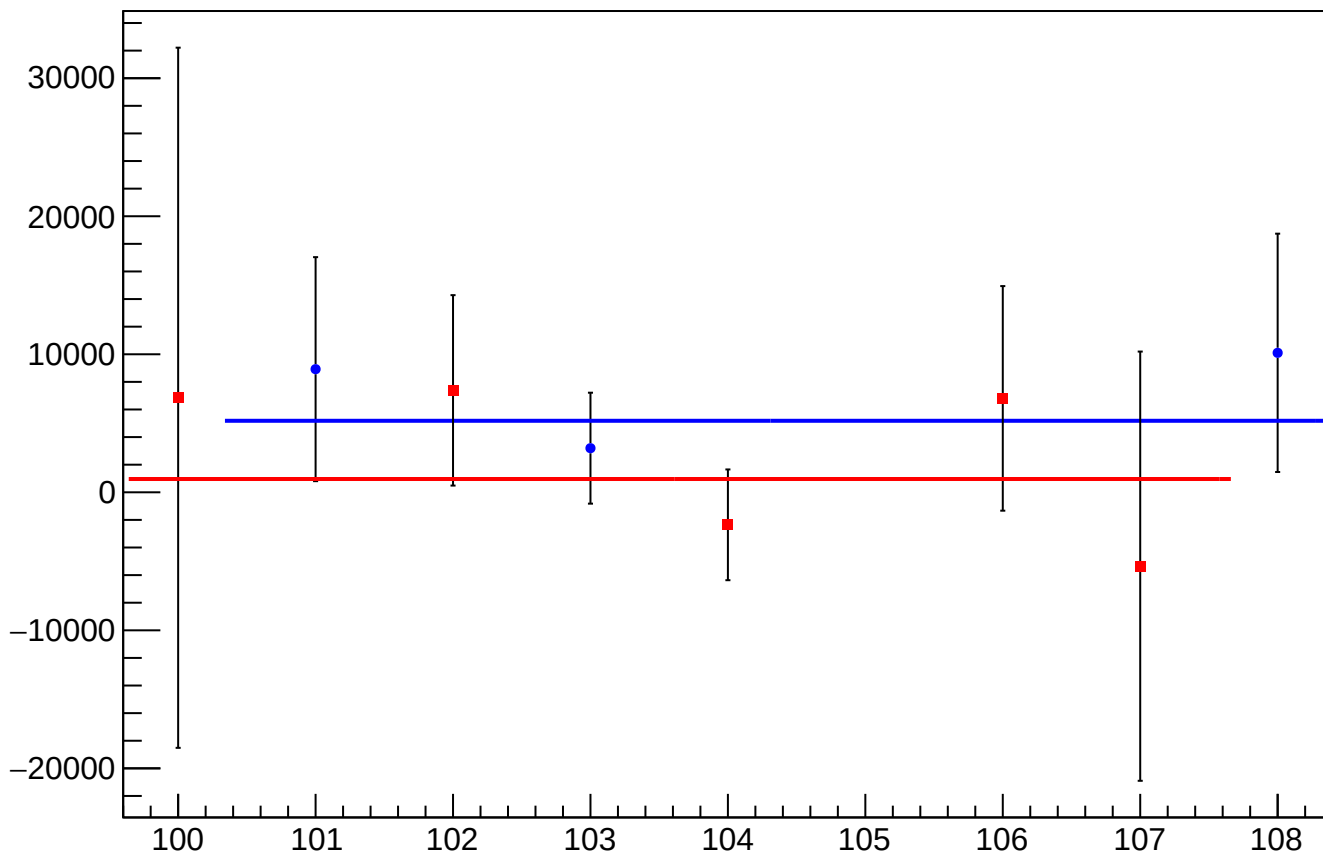
Right: 3586.079+/-1.414 χ^2/NDF : 411879.0/7

In: 4110.861+/-2.329 χ^2/NDF : 142973.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3586.079+/-1.414 χ^2/NDF : 411879.0/7

asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5181.060+/-3323.873 χ^2/NDF : 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 962.945+/-3101.817 χ^2/NDF : 2.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

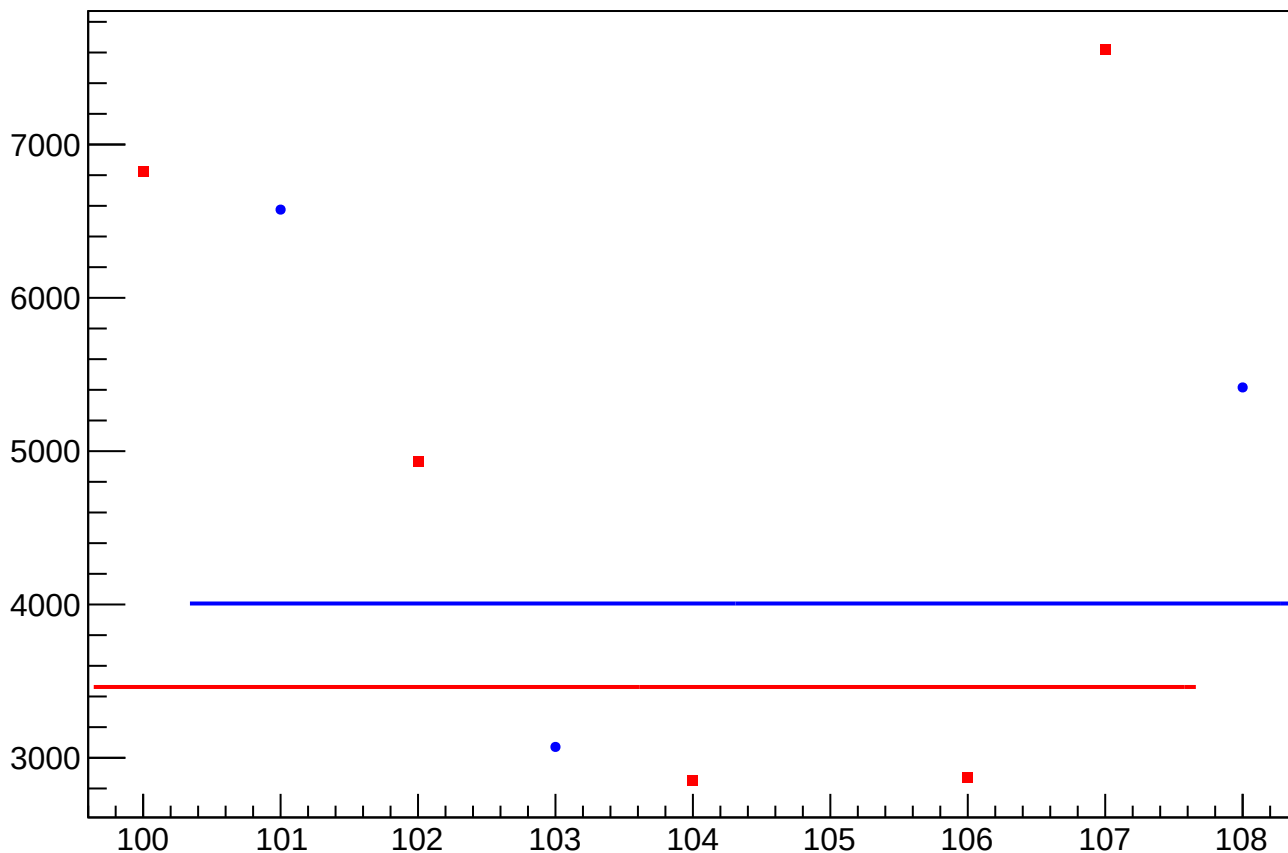
Right: 2926.409+/-2267.758 χ^2/NDF : 3.9/7

In: 5181.060+/-3323.873 χ^2/NDF : 0.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2926.409+/-2267.758 χ^2/NDF : 3.9/7

asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 4006.449+/-2.350 χ^2/NDF : 362062.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3462.001+/-2.083 χ^2/NDF : 333988.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

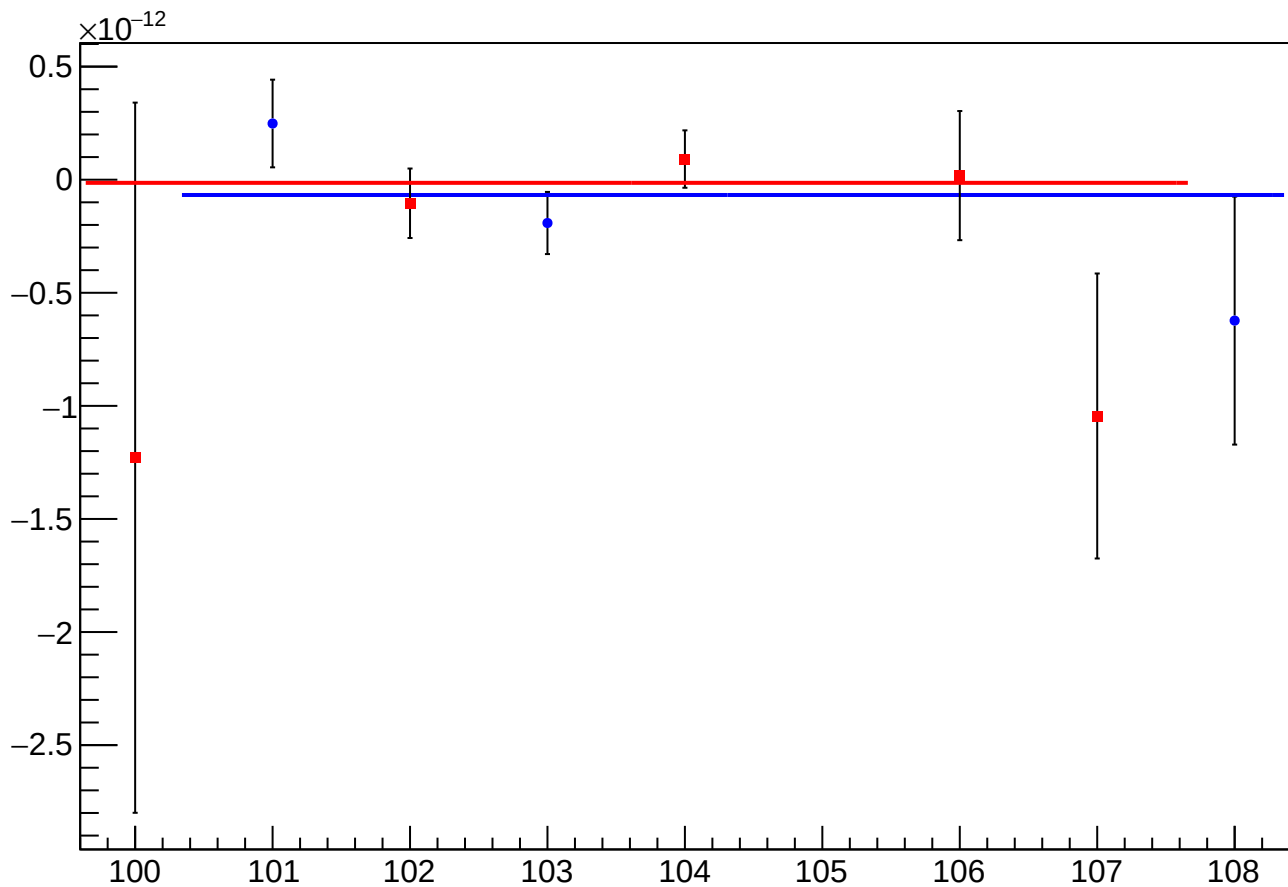
Right: 3701.574+/-1.559 χ^2/NDF : 726102.1/7

In: 4006.449+/-2.350 χ^2/NDF : 362062.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3701.574+/-1.559 χ^2/NDF : 726102.1/7

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.5/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.3/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

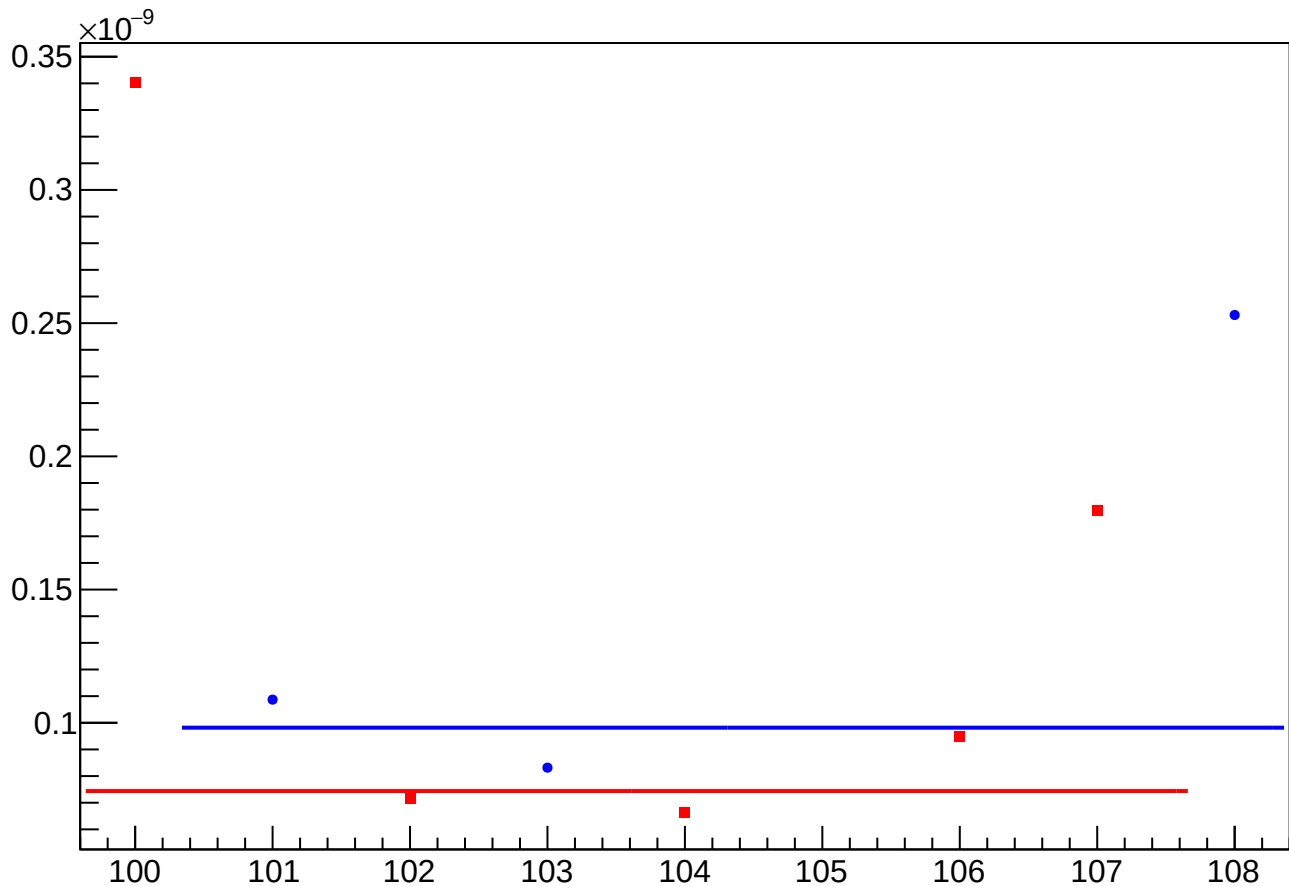
Right: -0.000+/-0.000 χ^2/NDF : 9.0/7

In: -0.000+/-0.000 χ^2/NDF :4.5/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.0/7

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 189397.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 132383.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

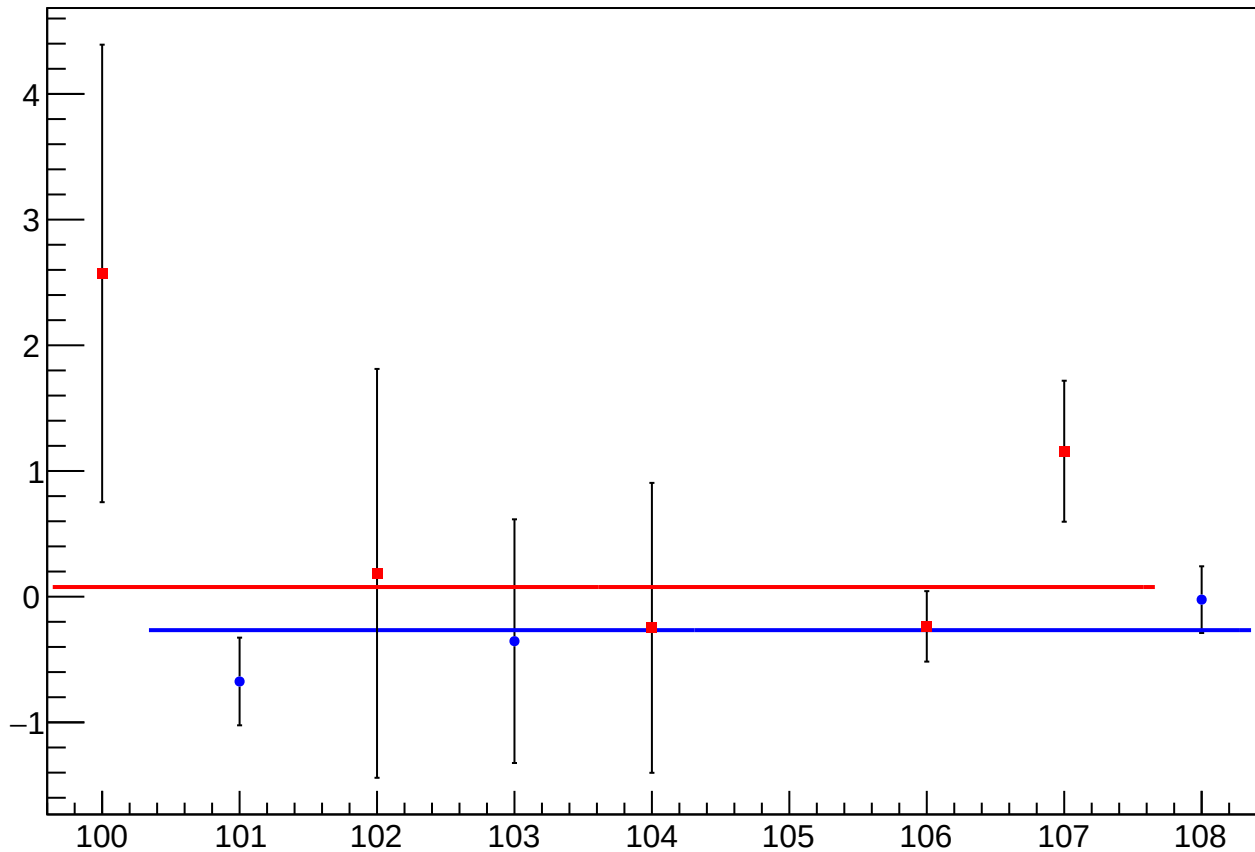
Right: 0.000+/-0.000 χ^2/NDF : 377218.8/7

In: 0.000+/-0.000 χ^2/NDF : 189397.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 377218.8/7

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.266 $\pm$ 0.206 χ^2 /NDF: 2.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.077 $\pm$ 0.240 χ^2 /NDF: 6.9/4

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

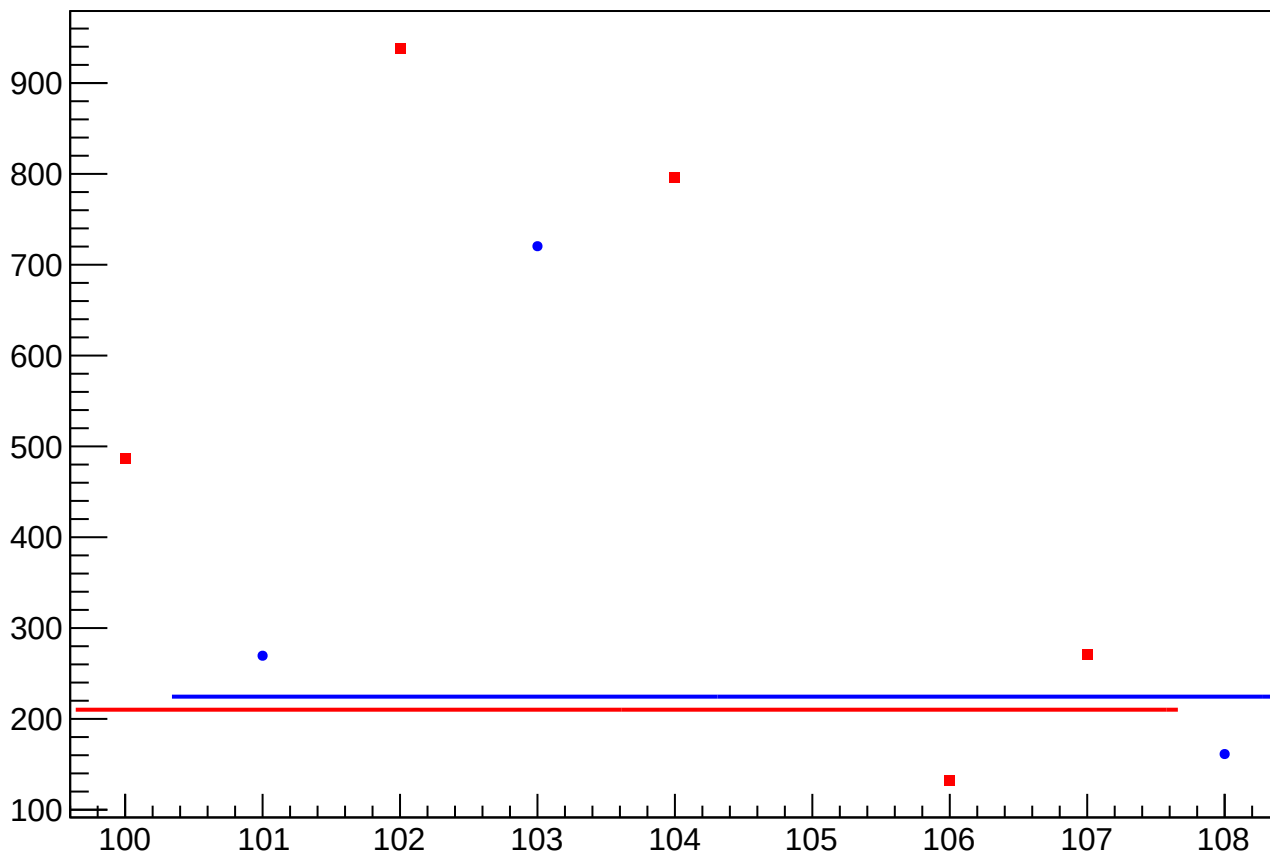
Right: -0.121 $\pm$ 0.156 χ^2 /NDF: 10.3/7

In: -0.266 $\pm$ 0.206 χ^2 /NDF:2.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.121 $\pm$ 0.156 χ^2 /NDF: 10.3/7

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 224.498+/-0.146 χ^2/NDF : 670159.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 210.126+/-0.170 χ^2/NDF : 1140705.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

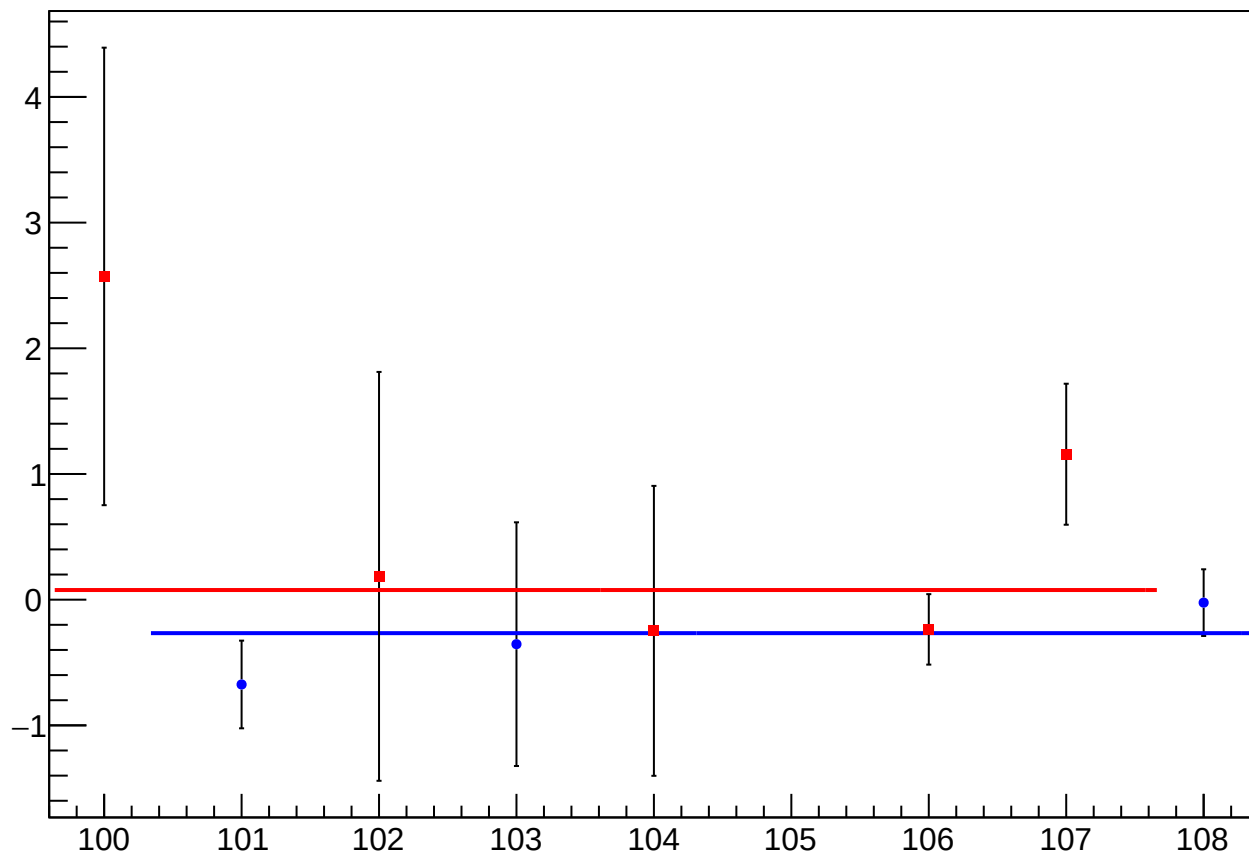
Right: 218.397+/-0.111 χ^2/NDF : 1814986.2/7

In: 224.498+/-0.146 χ^2/NDF : 670159.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 218.397+/-0.111 χ^2/NDF : 1814986.2/7

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.266 $\pm$ 0.206 χ^2 /NDF: 2.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.077 $\pm$ 0.240 χ^2 /NDF: 6.9/4

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

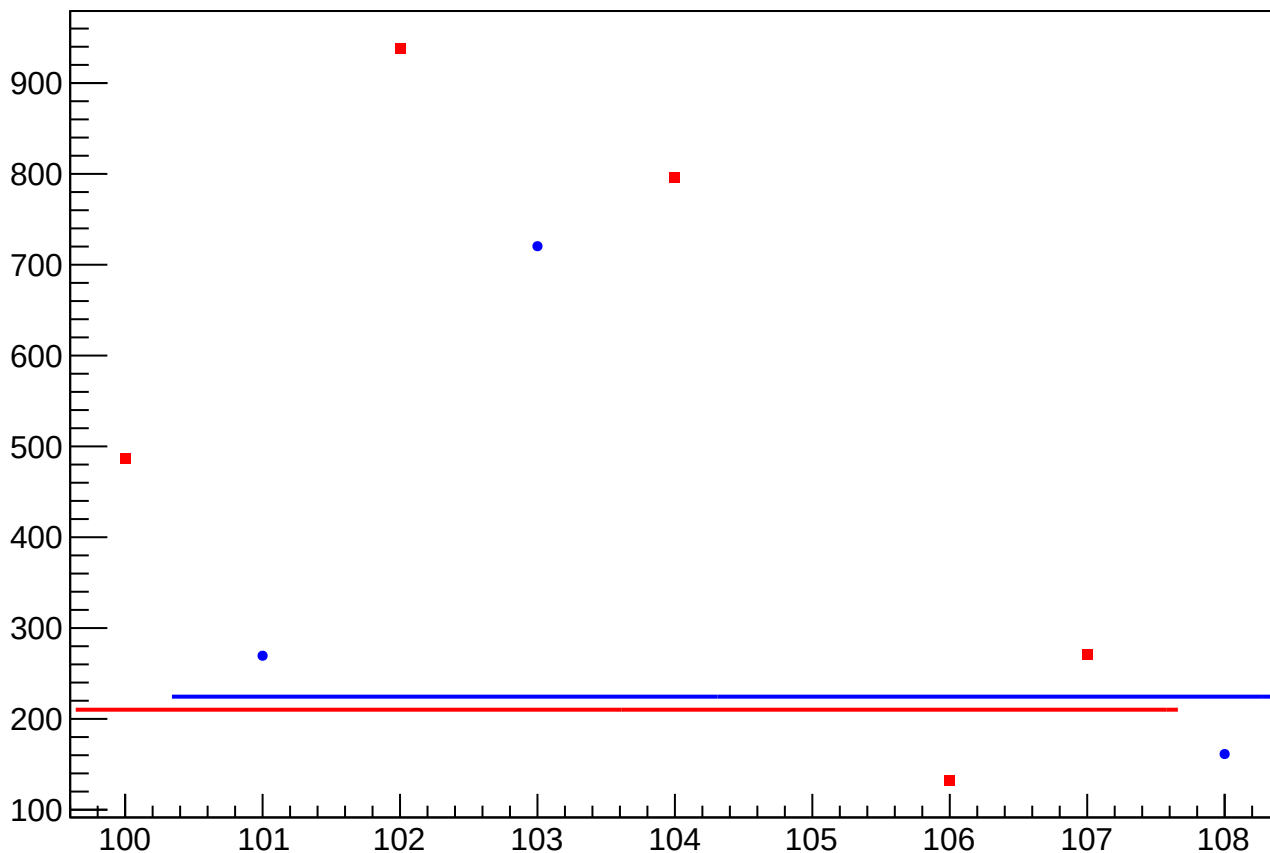
Right: -0.121 $\pm$ 0.156 χ^2 /NDF: 10.3/7

In: -0.266 $\pm$ 0.206 χ^2 /NDF:2.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.121 $\pm$ 0.156 χ^2 /NDF: 10.3/7

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 224.498+/-0.146 χ^2/NDF : 670159.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 210.126+/-0.170 χ^2/NDF : 1140705.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

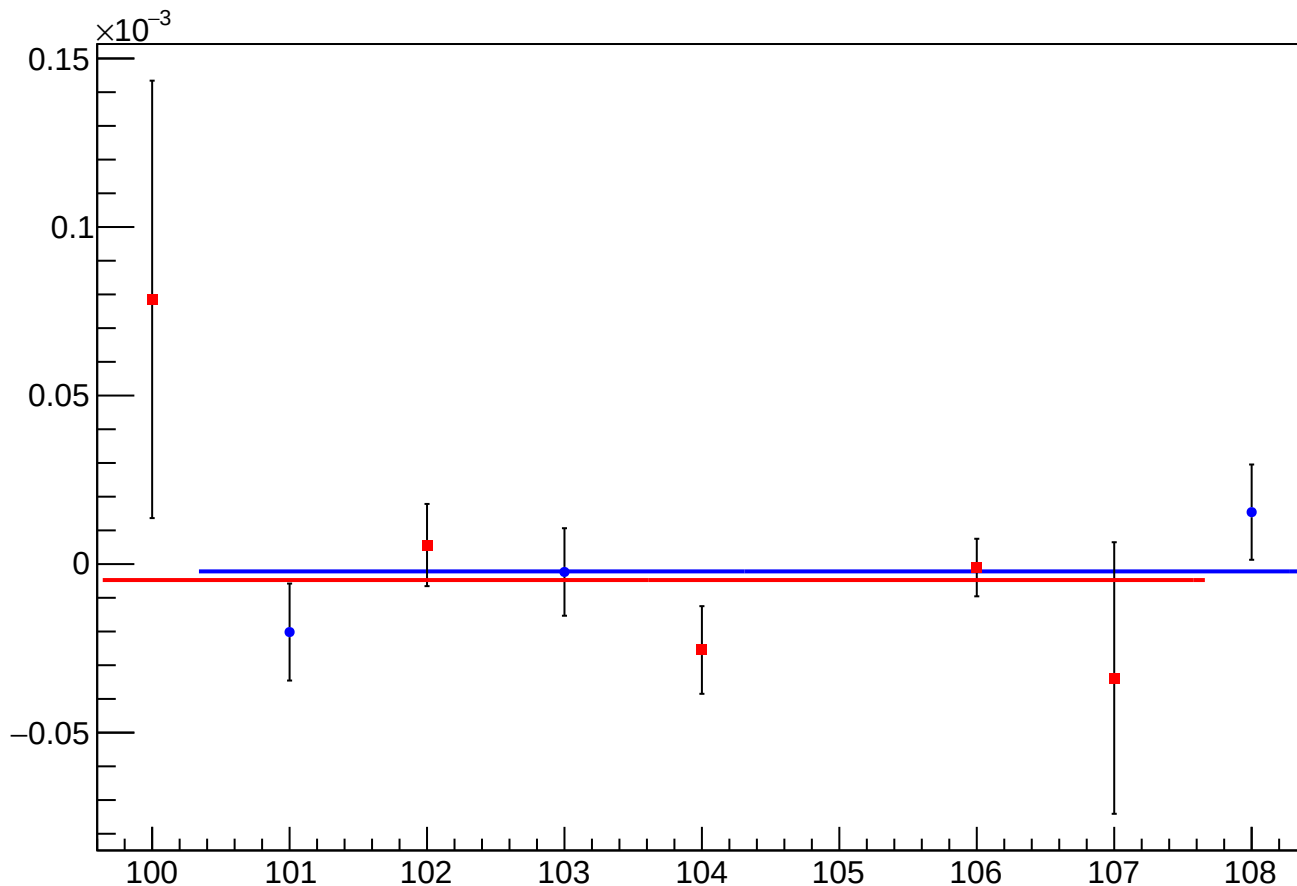
Right: 218.397+/-0.111 χ^2/NDF : 1814986.2/7

In: 224.498+/-0.146 χ^2/NDF : 670159.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 218.397+/-0.111 χ^2/NDF : 1814986.2/7

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 : 3.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

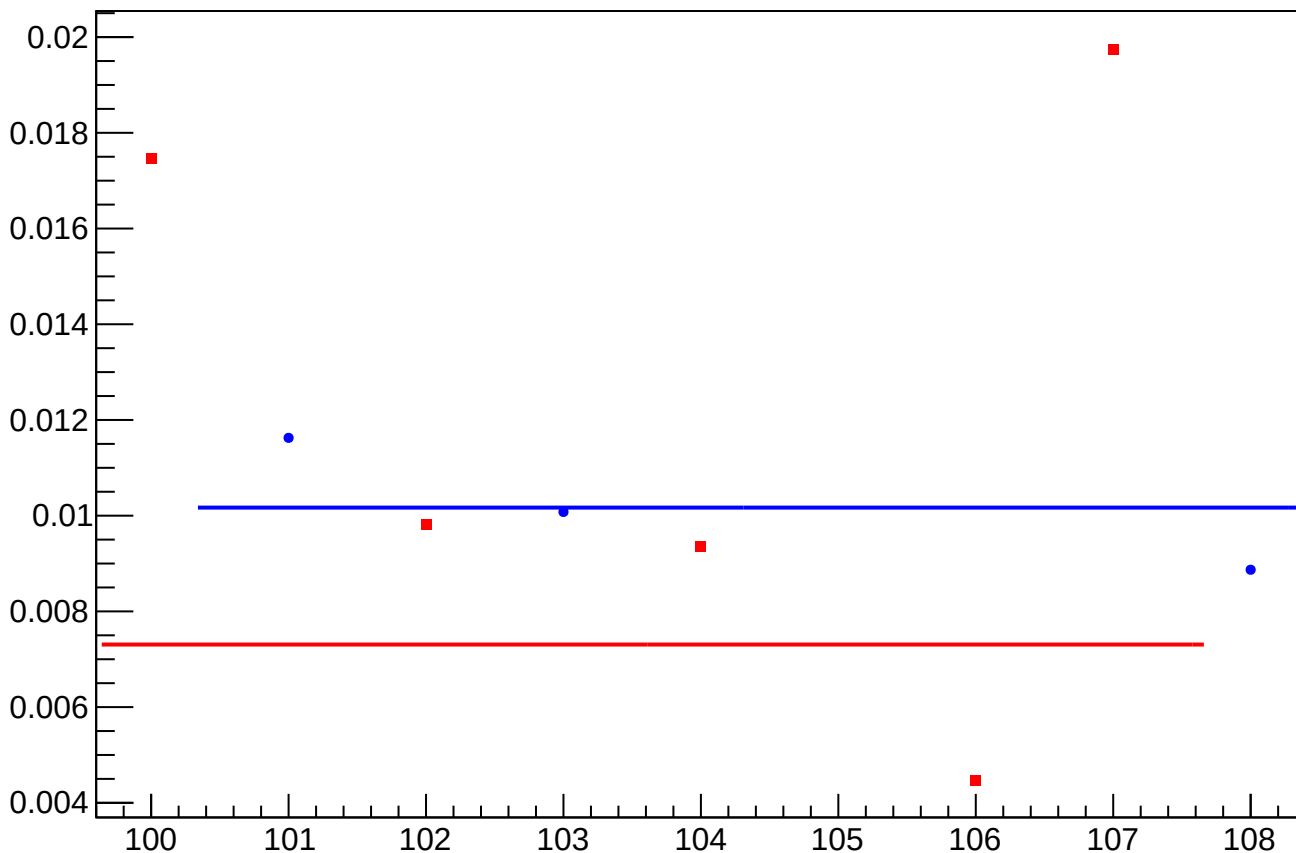
Right: -0.000+/-0.000 χ^2/NDF : 8.8/7

In: -0.000+/-0.000 χ^2/NDF : 3.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.8/7

asym_us_avg_atlr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 37514.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 594836.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

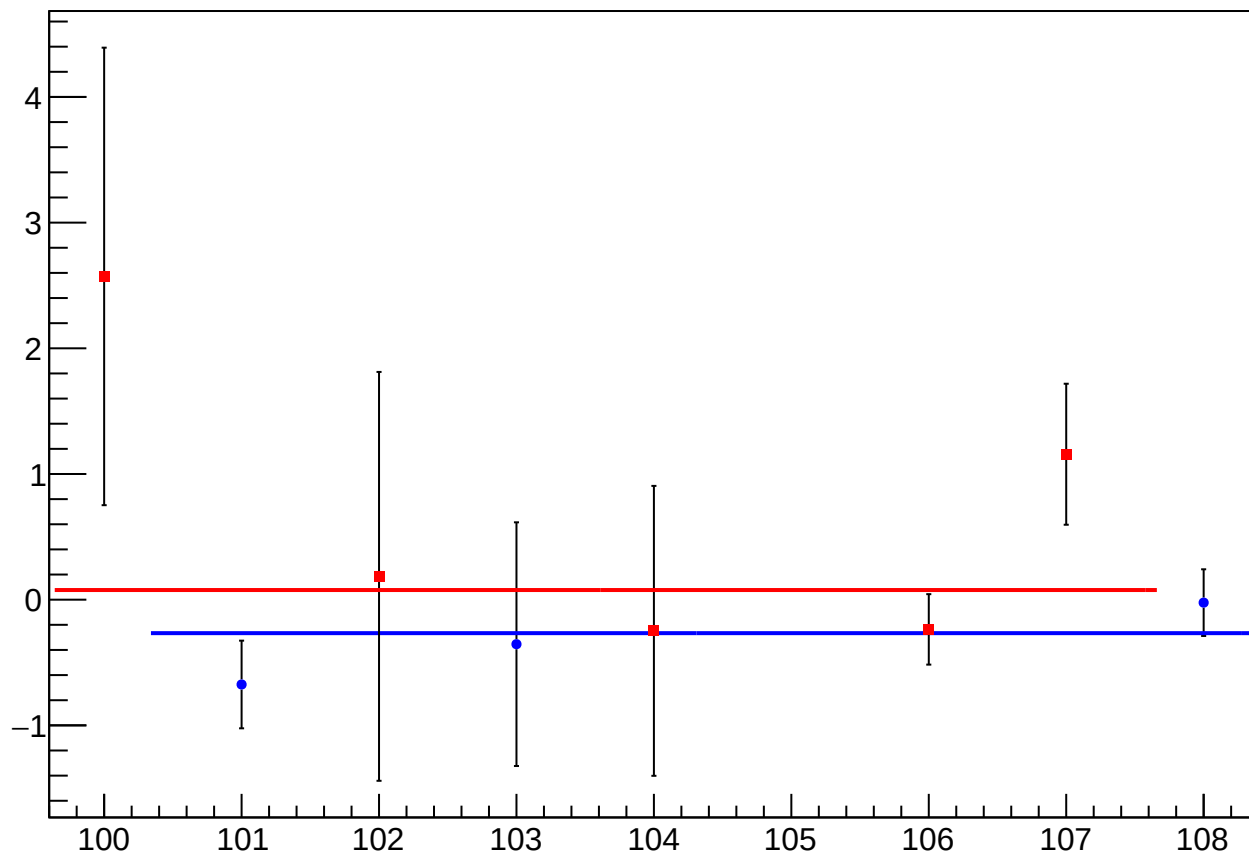
Right: 0.008+/-0.000 χ^2/NDF : 795914.1/7

In: 0.010+/-0.000 χ^2/NDF : 37514.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 795914.1/7

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.266 ± 0.206 χ^2/NDF : 2.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.077 ± 0.240 χ^2/NDF : 6.9/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

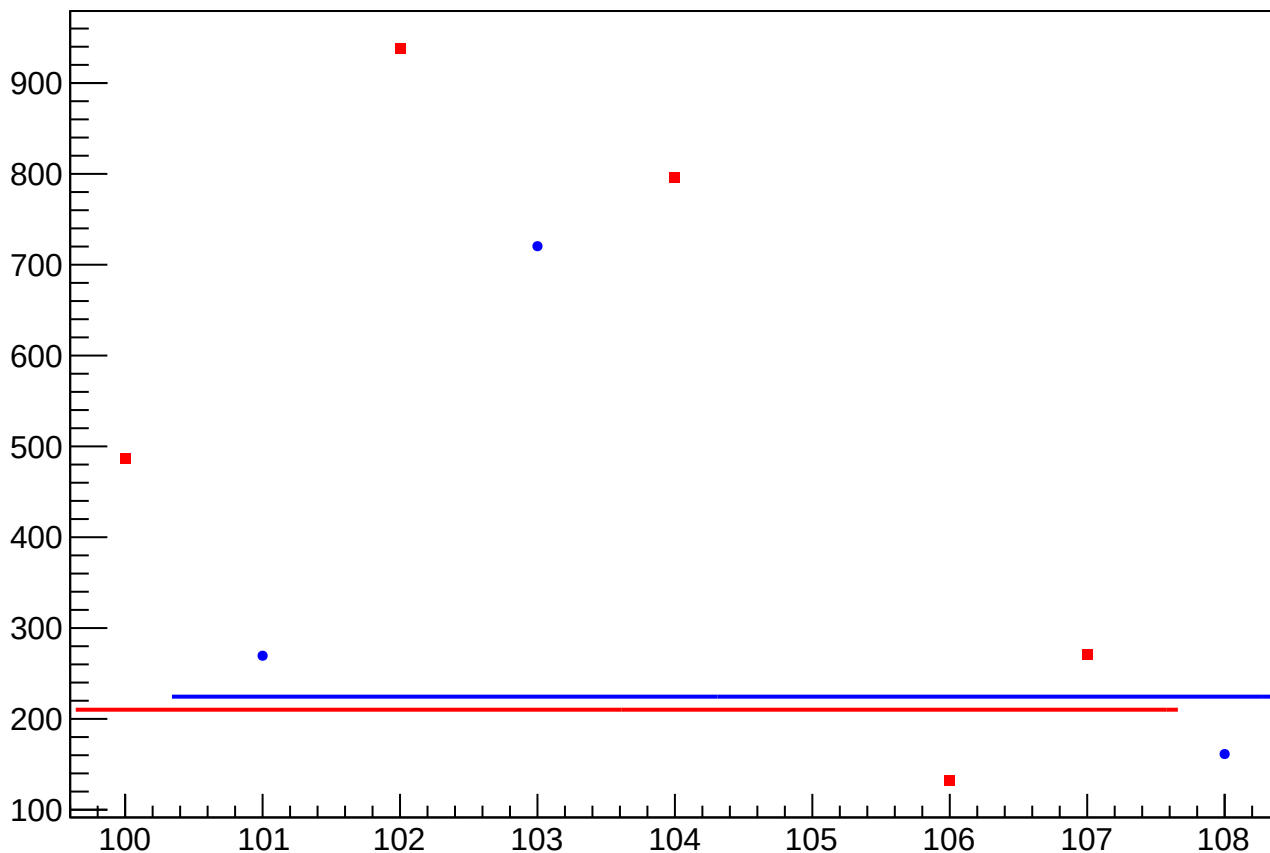
Right: -0.121 ± 0.156 χ^2/NDF : 10.3/7

In: -0.266 ± 0.206 χ^2/NDF : 2.2/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.121 ± 0.156 χ^2/NDF : 10.3/7

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 224.501+/-0.146 χ^2/NDF : 670135.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 210.124+/-0.170 χ^2/NDF : 1140703.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

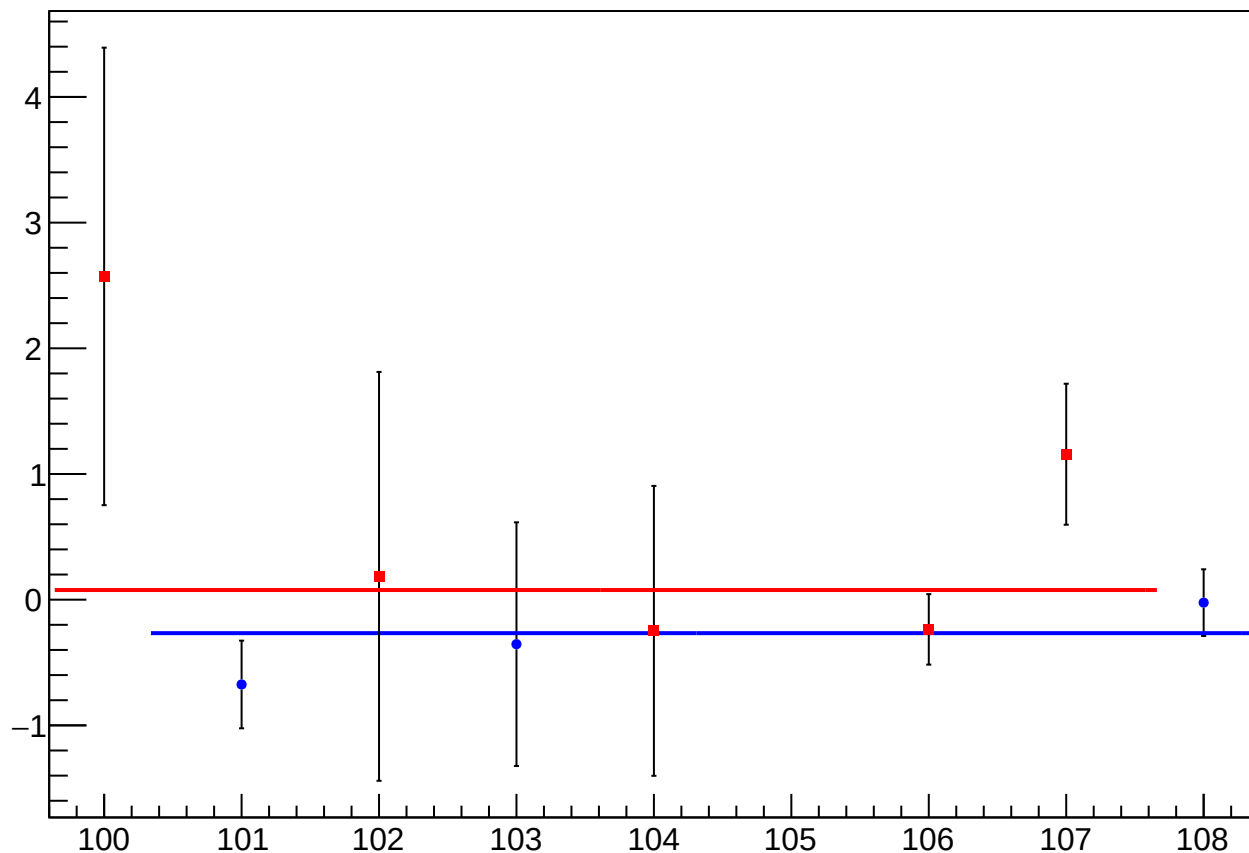
Right: 218.398+/-0.111 χ^2/NDF : 1814962.5/7

In: 224.501+/-0.146 χ^2/NDF : 670135.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 218.398+/-0.111 χ^2/NDF : 1814962.5/7

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.266 $\pm$ 0.206 χ^2 /NDF: 2.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.077 $\pm$ 0.240 χ^2 /NDF: 6.9/4

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

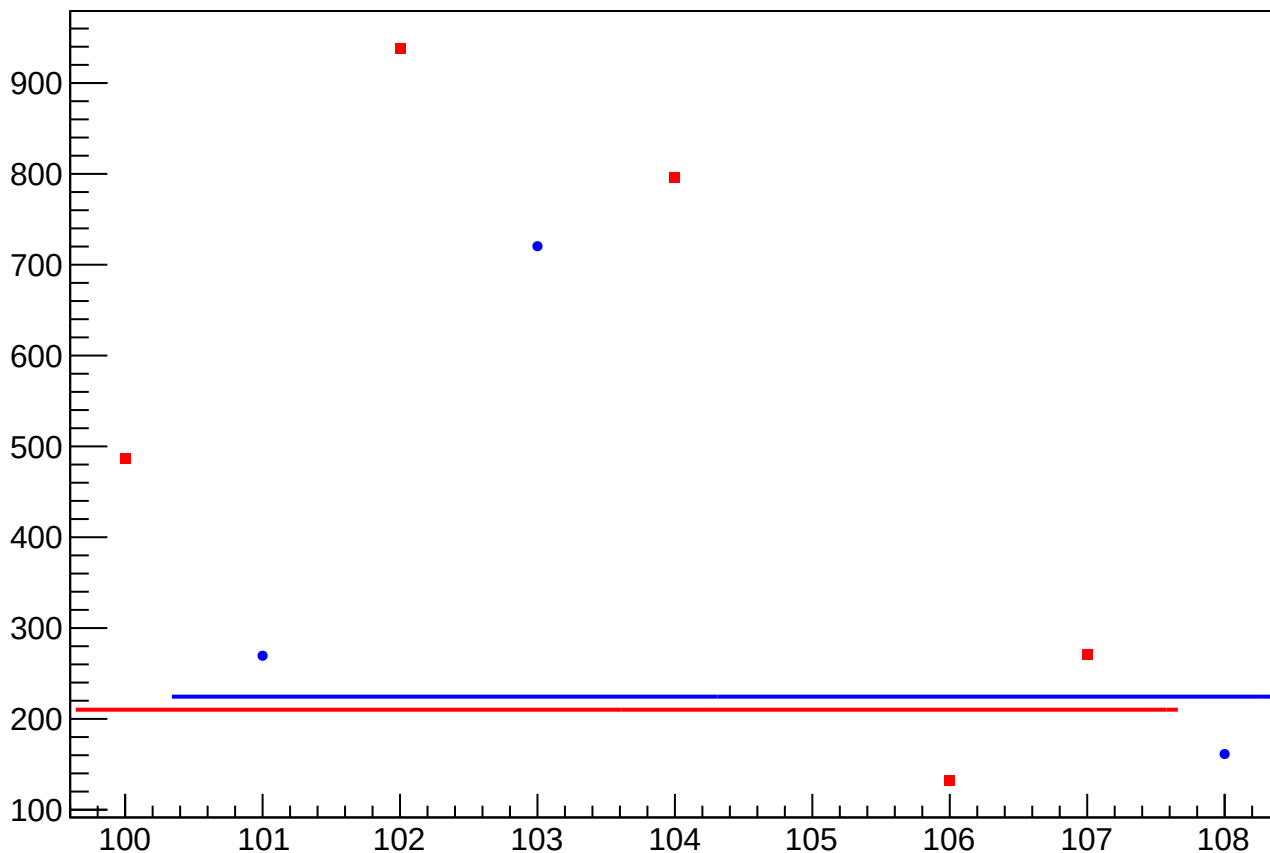
Right: -0.121 $\pm$ 0.156 χ^2 /NDF: 10.3/7

In: -0.266 $\pm$ 0.206 χ^2 /NDF:2.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.121 $\pm$ 0.156 χ^2 /NDF: 10.3/7

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 224.501+/-0.146 χ^2/NDF : 670135.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 210.124+/-0.170 χ^2/NDF : 1140703.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

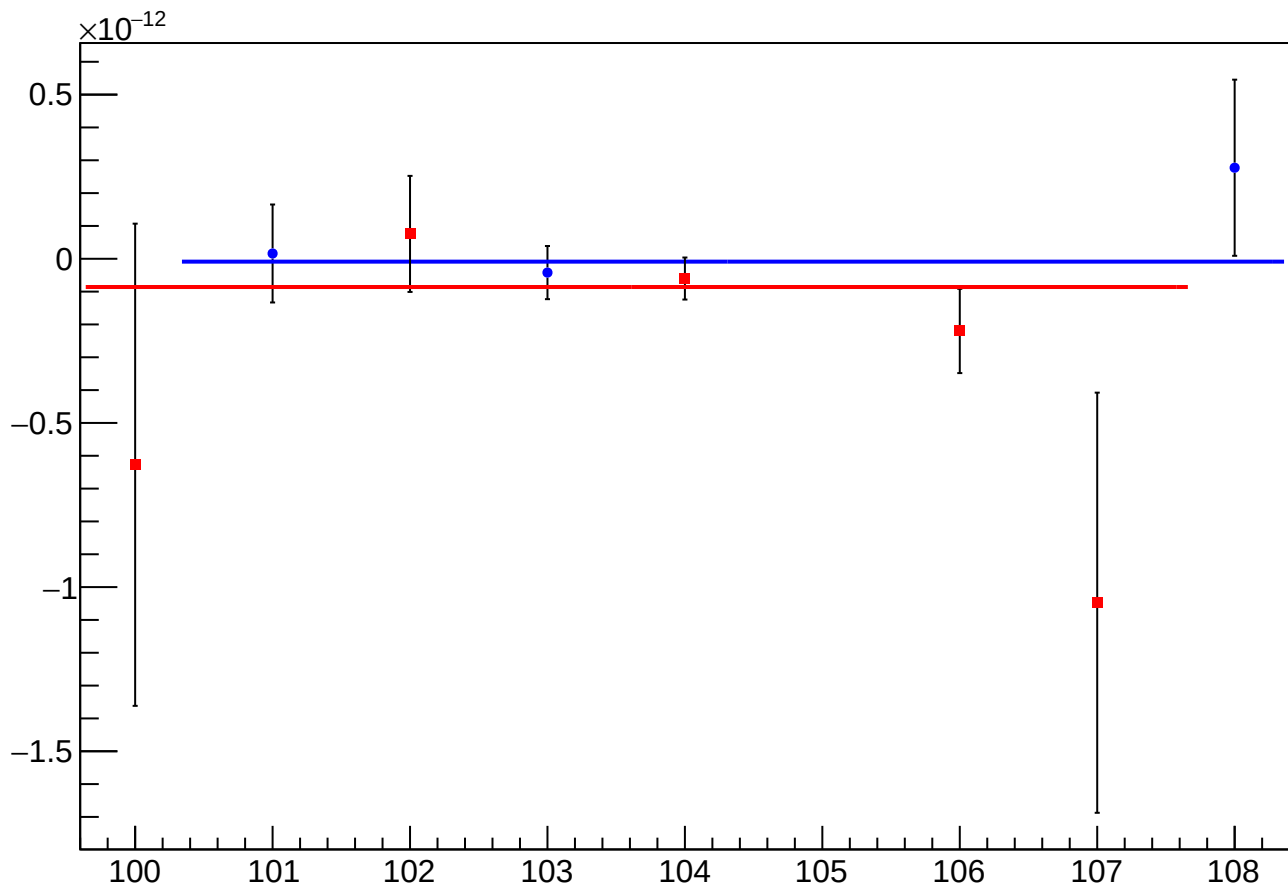
Right: 218.398+/-0.111 χ^2/NDF : 1814962.5/7

In: 224.501+/-0.146 χ^2/NDF : 670135.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 218.398+/-0.111 χ^2/NDF : 1814962.5/7

asym_us_avg_atlr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

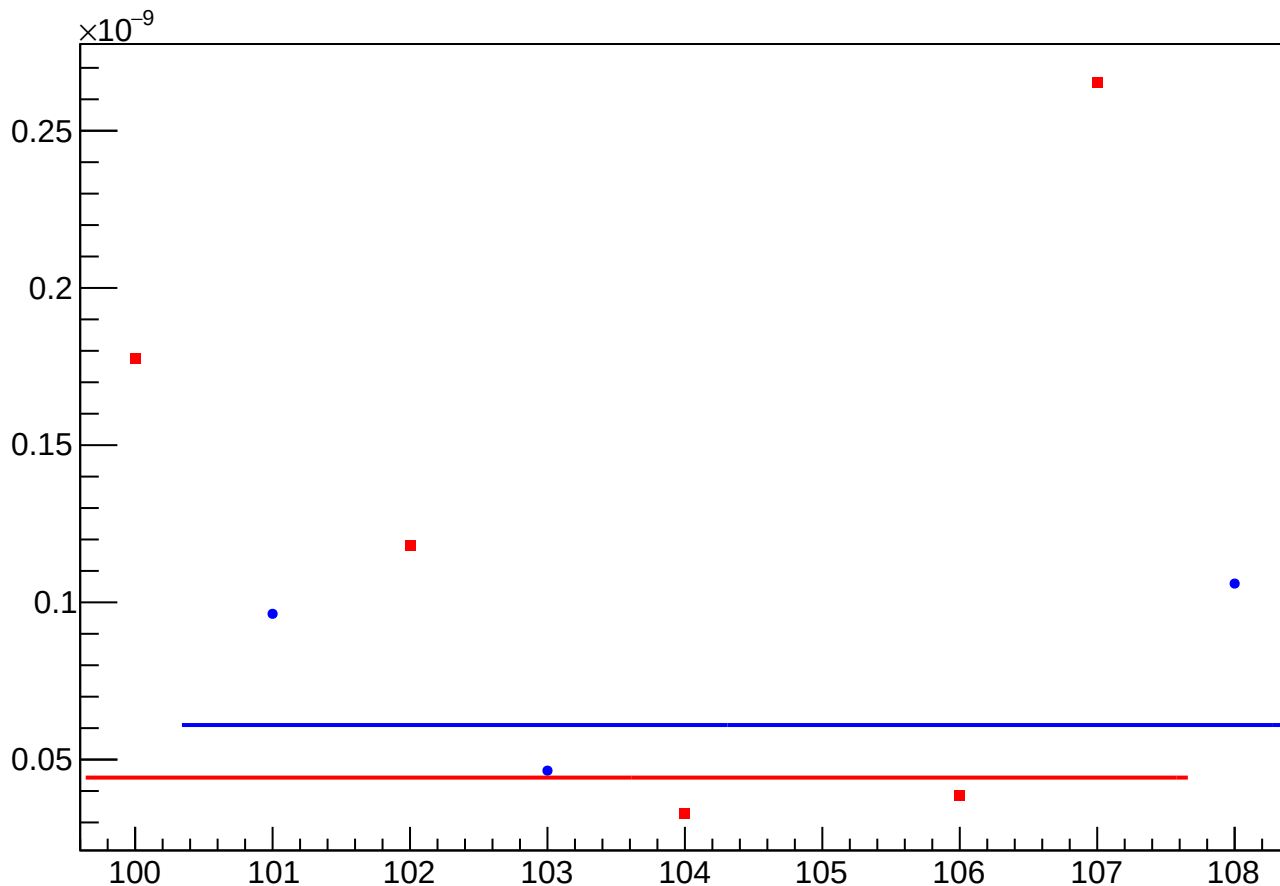
Right: -0.000+/-0.000 χ^2/NDF : 7.0/7

In: -0.000+/-0.000 χ^2/NDF : 1.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.0/7

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 : 232900.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 723295.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

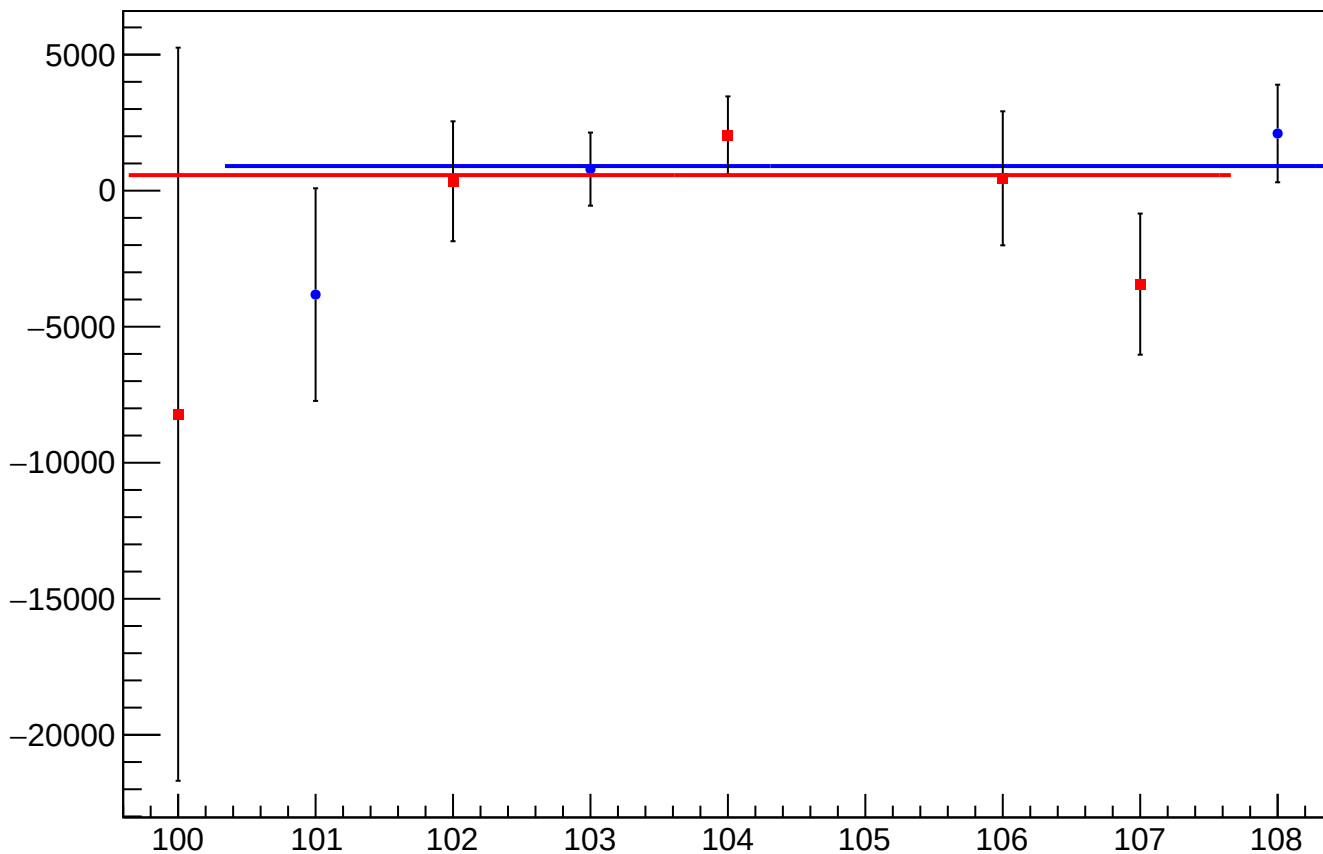
Right: 0.000+/-0.000 χ^2/NDF : 1029204.0/7

In: 0.000+/-0.000 χ^2/NDF : 232900.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1029204.0/7

reg_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 904.624+/-1036.634 χ^2/NDF : 1.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 571.374+/-994.228 χ^2/NDF : 3.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

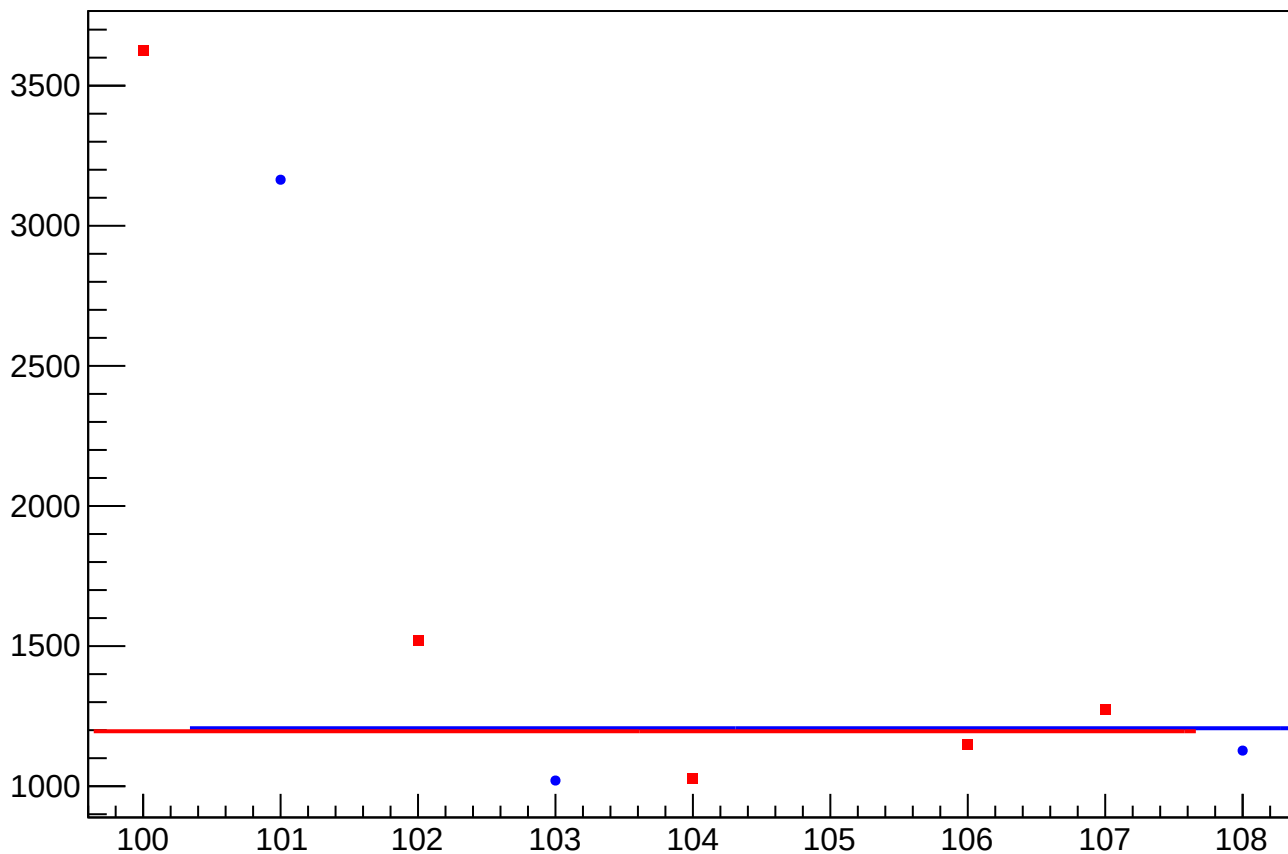
Right: 731.044+/-717.549 χ^2/NDF : 5.8/7

In: 904.624+/-1036.634 χ^2/NDF : 1.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 731.044+/-717.549 χ^2/NDF : 5.8/7

reg_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1206.875+/-0.733 χ^2/NDF : 544494.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1196.141+/-0.696 χ^2/NDF : 139124.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

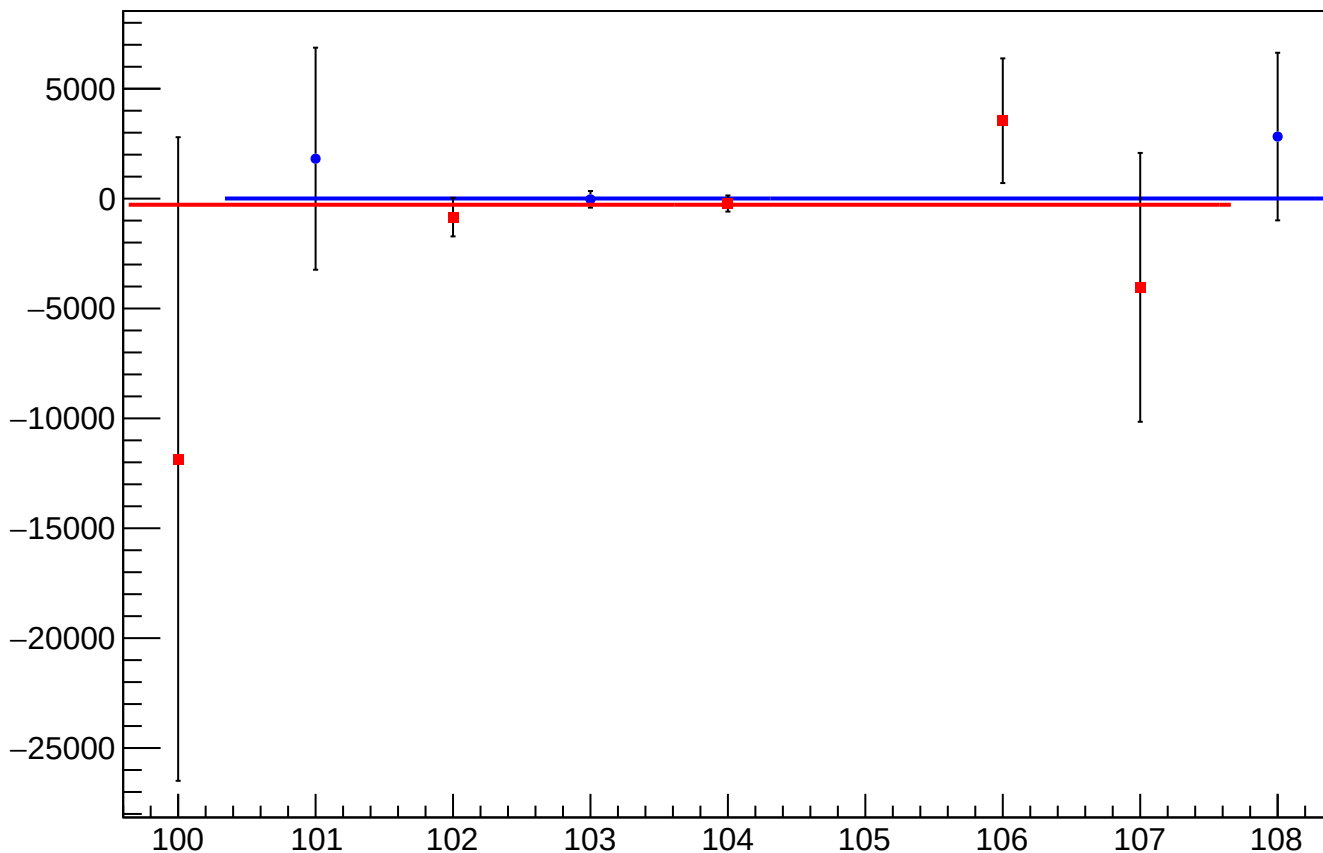
Right: 1201.233+/-0.505 χ^2/NDF : 683731.3/7

In: 1206.875+/-0.733 χ^2/NDF : 544494.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1201.233+/-0.505 χ^2/NDF : 683731.3/7

asym_us_avg_atlr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 5.340+/-374.739 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -279.170+/-334.937 χ^2/NDF : 3.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

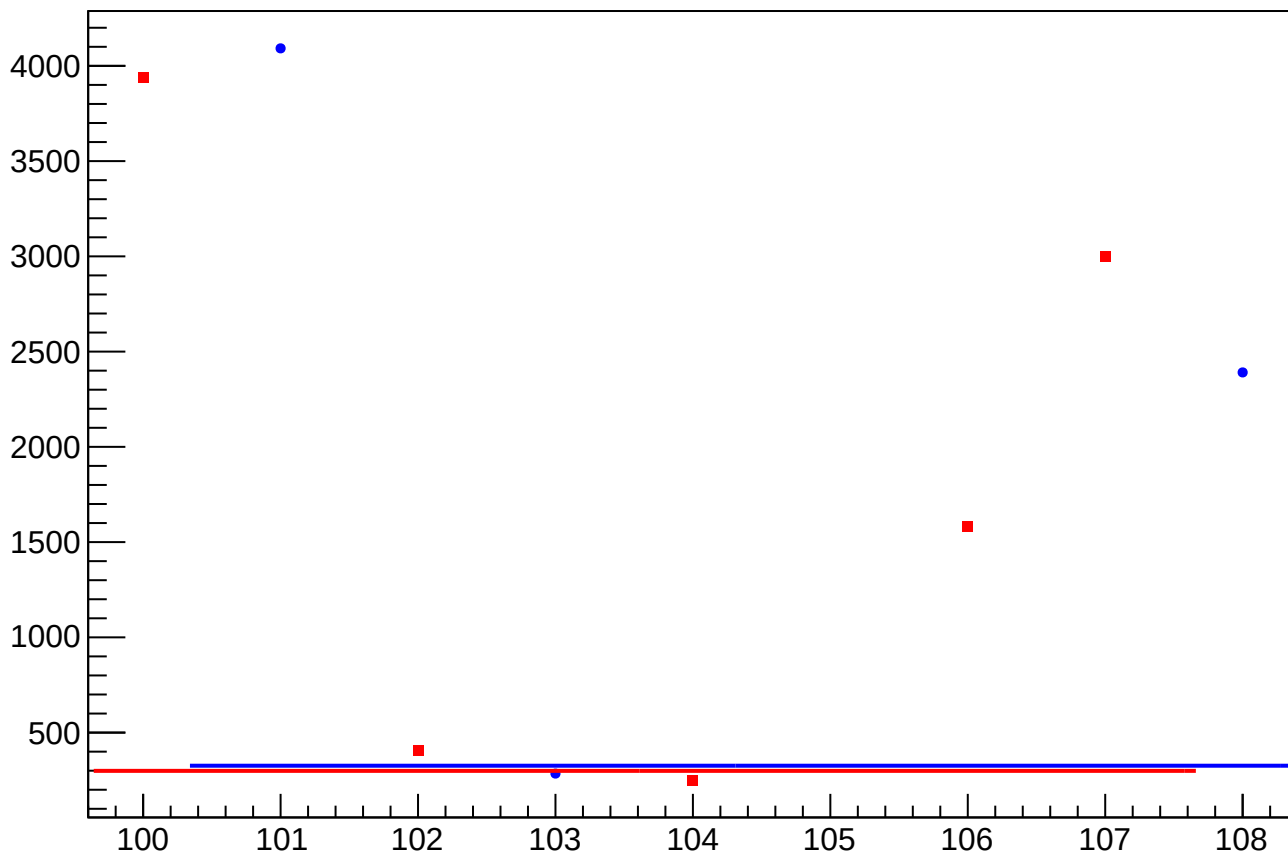
Right: -152.821+/-249.727 χ^2/NDF : 4.3/7

In: 5.340+/-374.739 χ^2/NDF : 0.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -152.821+/-249.727 χ^2/NDF : 4.3/7

asym_us_avg_atlr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 326.175+/-0.265 χ^2/NDF : 1721109.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 299.148+/-0.237 χ^2/NDF : 992657.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

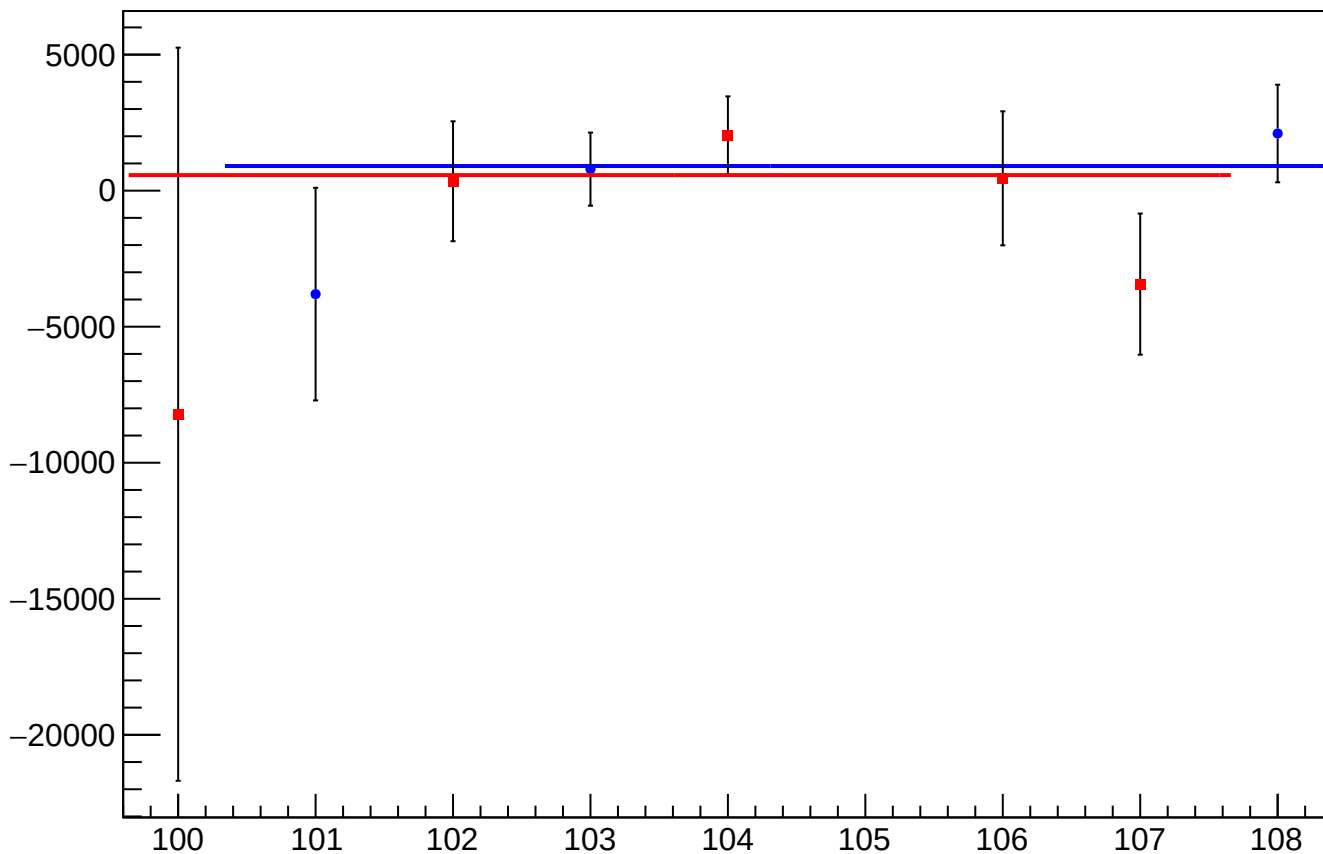
Right: 311.151+/-0.177 χ^2/NDF : 2719550.2/7

In: 326.175+/-0.265 χ^2/NDF : 1721109.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 311.151+/-0.177 χ^2/NDF : 2719550.2/7

cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 905.701 $\pm$ 1036.634 χ^2 /NDF: 1.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 571.605 $\pm$ 994.228 χ^2 /NDF: 3.9/4

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

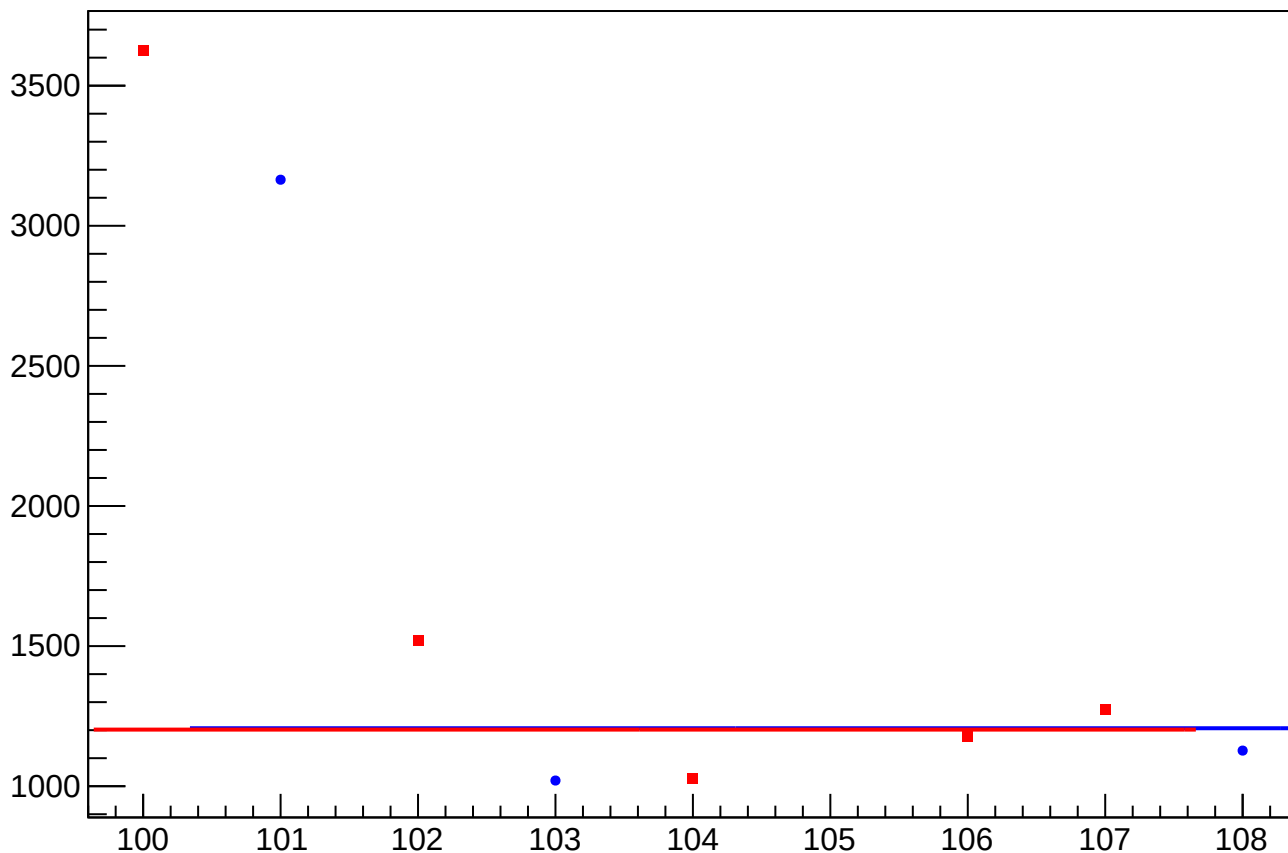
Right: 731.680 $\pm$ 717.549 χ^2 /NDF: 5.8/7

In: 905.701 $\pm$ 1036.634 χ^2 /NDF: 1.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 731.680 $\pm$ 717.549 χ^2 /NDF: 5.8/7

cor_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1206.874+/-0.733 χ^2/NDF : 544495.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1202.020+/-0.701 χ^2/NDF : 138283.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

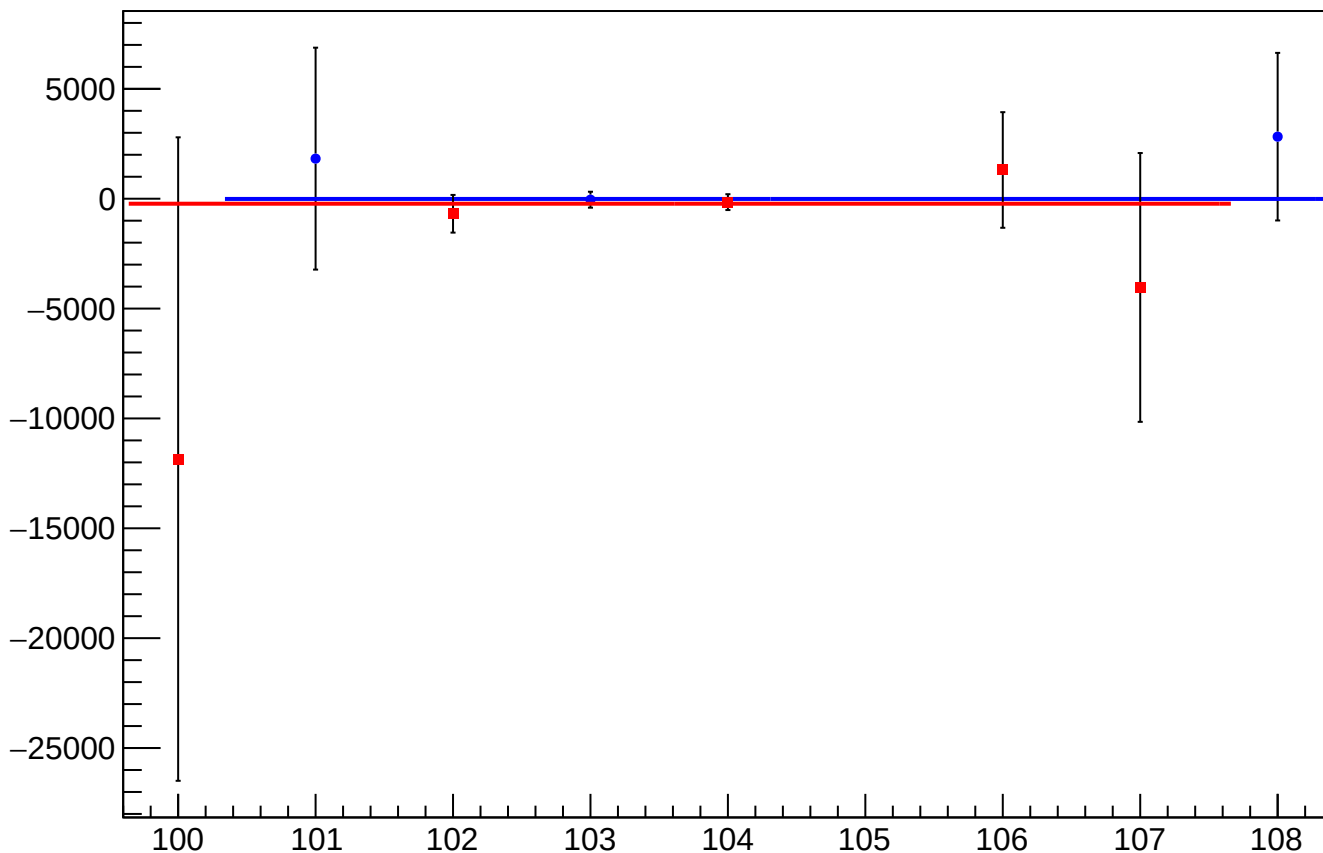
Right: 1204.338+/-0.507 χ^2/NDF : 682802.6/7

In: 1206.874+/-0.733 χ^2/NDF : 544495.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1204.338+/-0.507 χ^2/NDF : 682802.6/7

asym_us_avg_atlr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -10.230+/-359.720 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -227.674+/-329.151 χ^2/NDF : 1.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

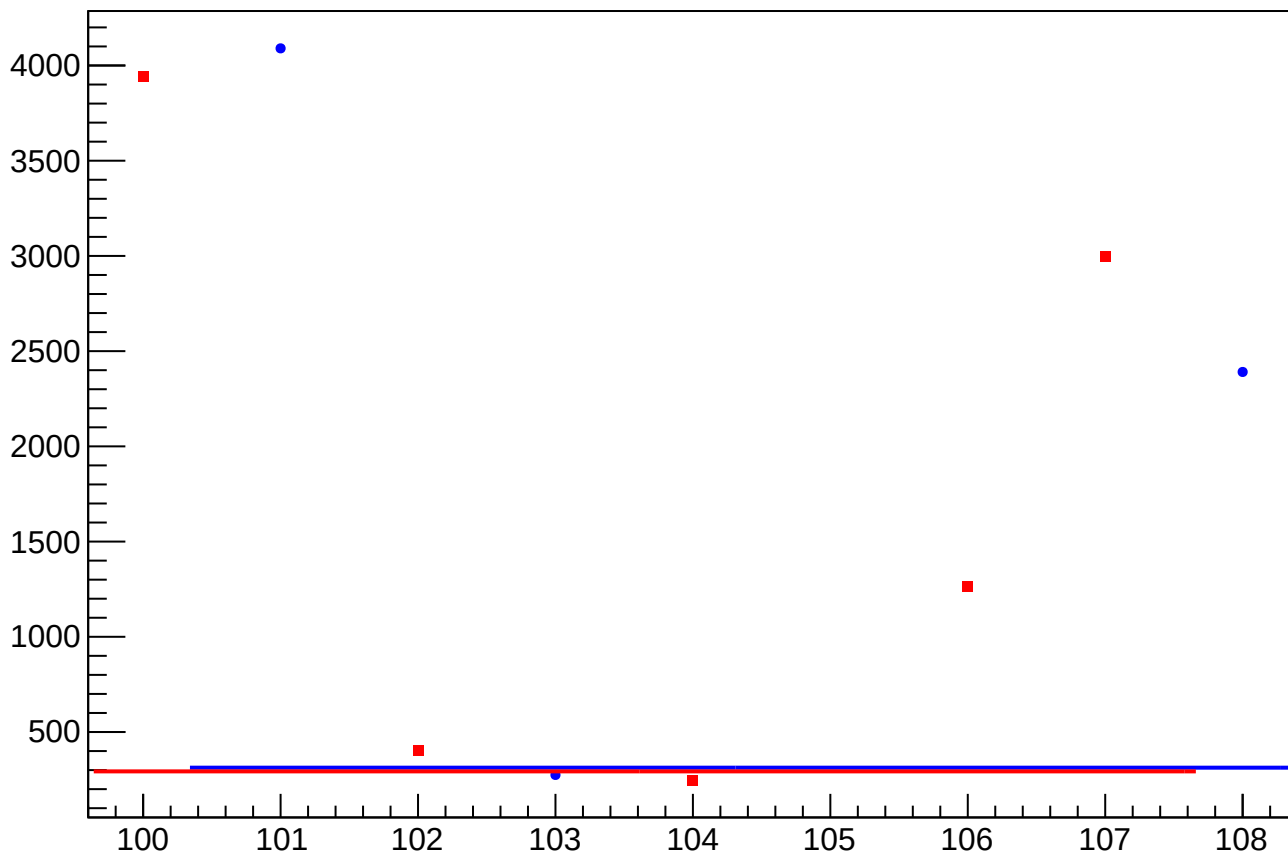
Right: -128.582+/-242.834 χ^2/NDF : 2.6/7

In: -10.230+/-359.720 χ^2/NDF : 0.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -128.582+/-242.834 χ^2/NDF : 2.6/7

asym_us_avg_atlr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 312.745+/-0.254 χ^2/NDF : 1734914.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 293.278+/-0.233 χ^2/NDF : 858197.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

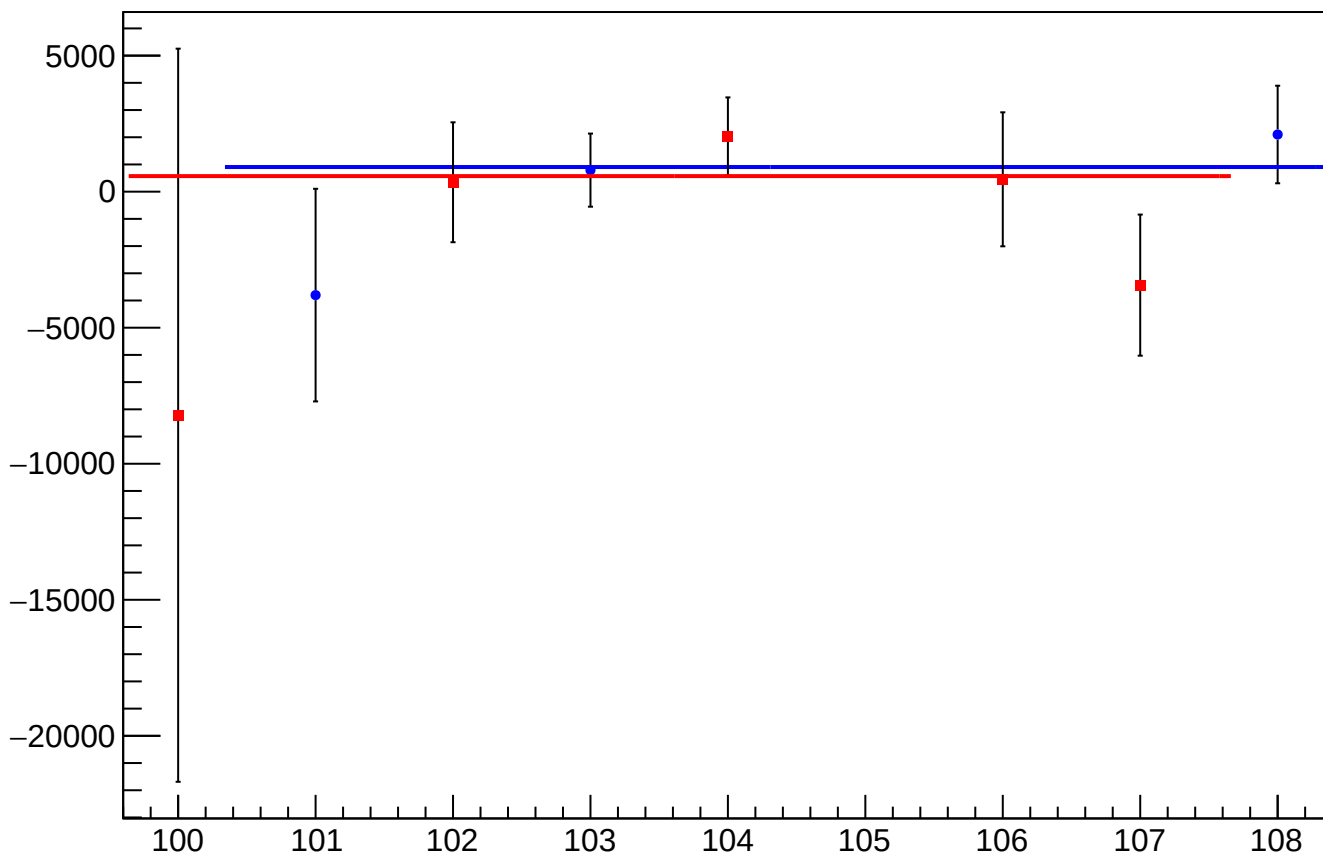
Right: 302.149+/-0.172 χ^2/NDF : 2596300.4/7

In: 312.745+/-0.254 χ^2/NDF : 1734914.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 302.149+/-0.172 χ^2/NDF : 2596300.4/7

eigen_cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 905.701+/-1036.634 χ^2/NDF : 1.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 571.605+/-994.228 χ^2/NDF : 3.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

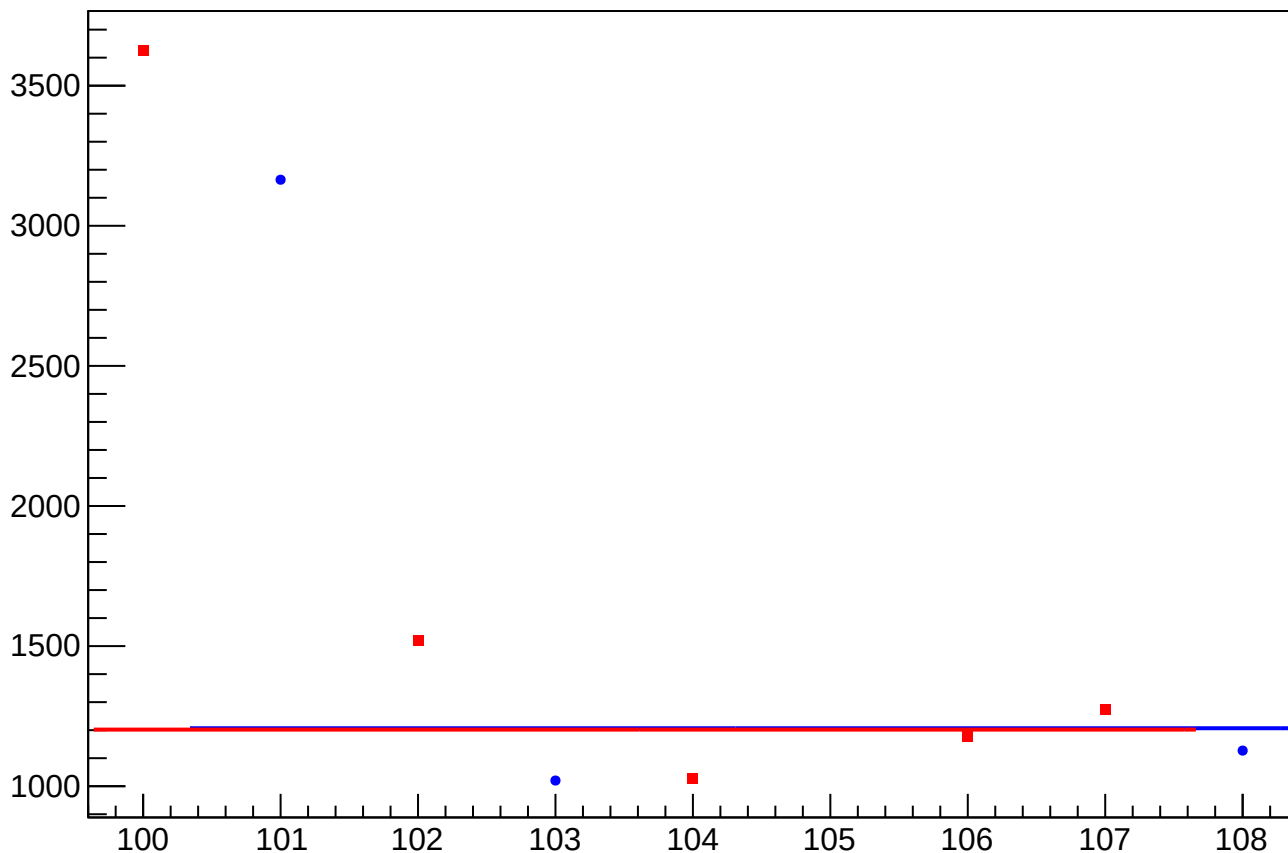
Right: 731.680+/-717.549 χ^2/NDF : 5.8/7

In: 905.701+/-1036.634 χ^2/NDF : 1.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 731.680+/-717.549 χ^2/NDF : 5.8/7

eigen_cor_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1206.874+/-0.733 χ^2/NDF : 544495.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1202.020+/-0.701 χ^2/NDF : 138283.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

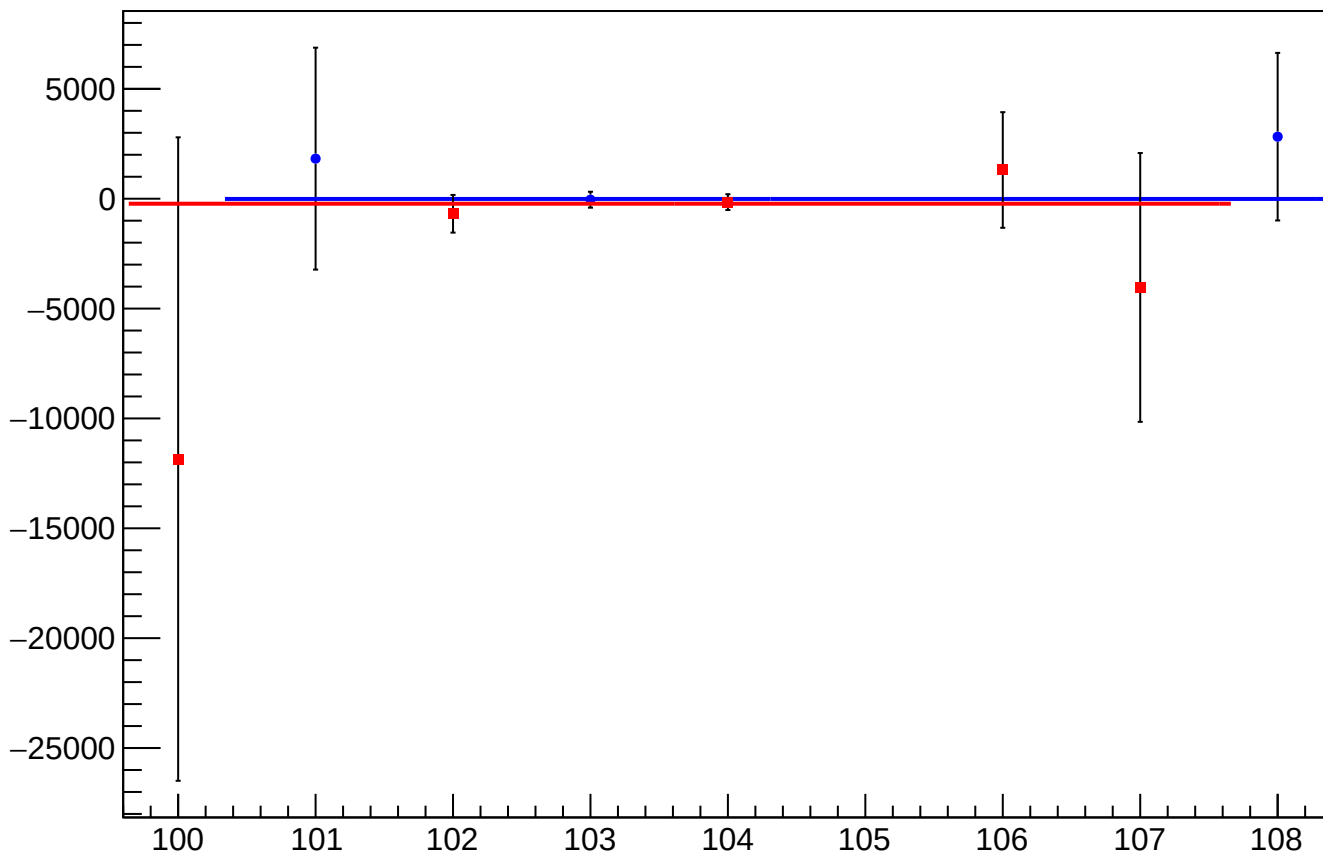
Right: 1204.338+/-0.507 χ^2/NDF : 682802.6/7

In: 1206.874+/-0.733 χ^2/NDF : 544495.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1204.338+/-0.507 χ^2/NDF : 682802.6/7

asym_us_avg_atlr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -10.230+/-359.720 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -227.674+/-329.151 χ^2/NDF : 1.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

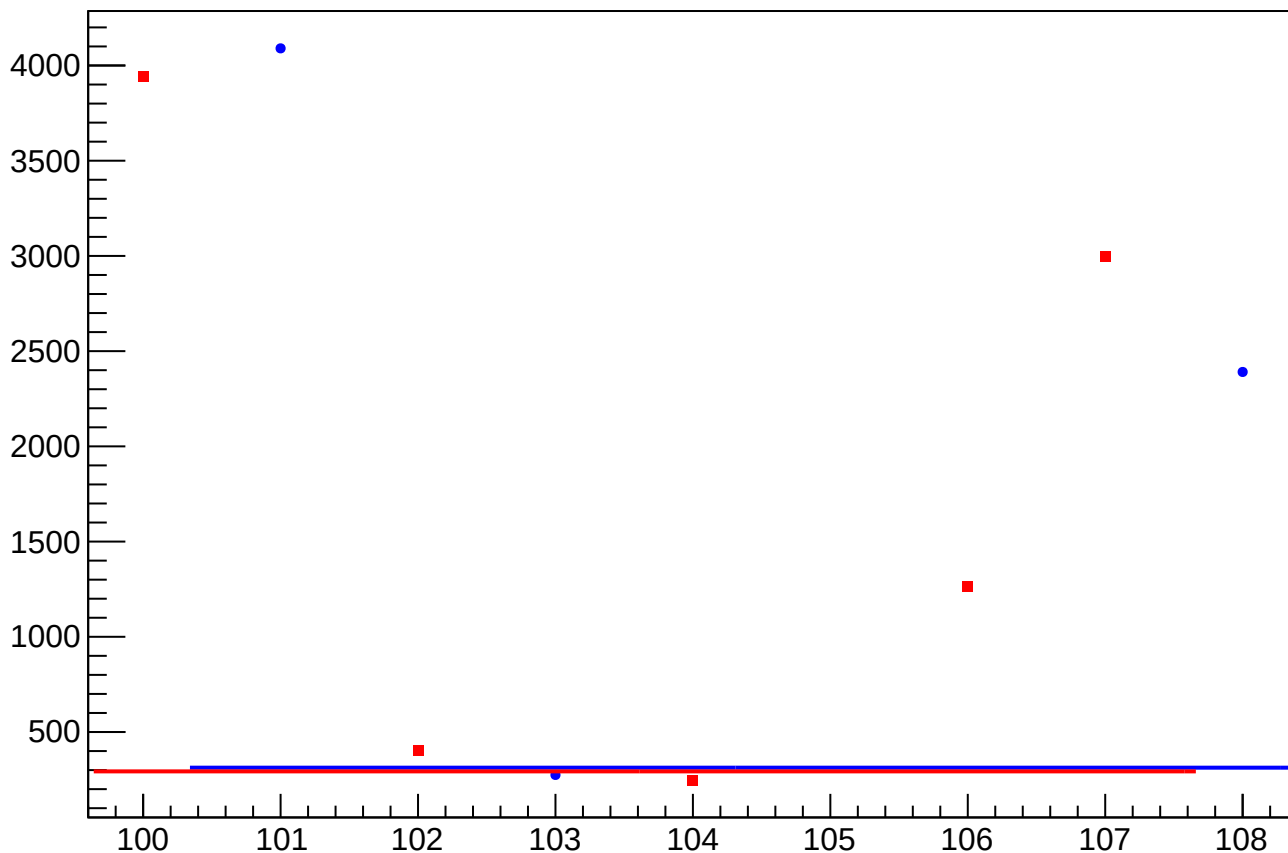
Right: -128.582+/-242.834 χ^2/NDF : 2.6/7

In: -10.230+/-359.720 χ^2/NDF : 0.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -128.582+/-242.834 χ^2/NDF : 2.6/7

asym_us_avg_atlr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 312.745+/-0.254 χ^2/NDF : 1734914.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 293.278+/-0.233 χ^2/NDF : 858197.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

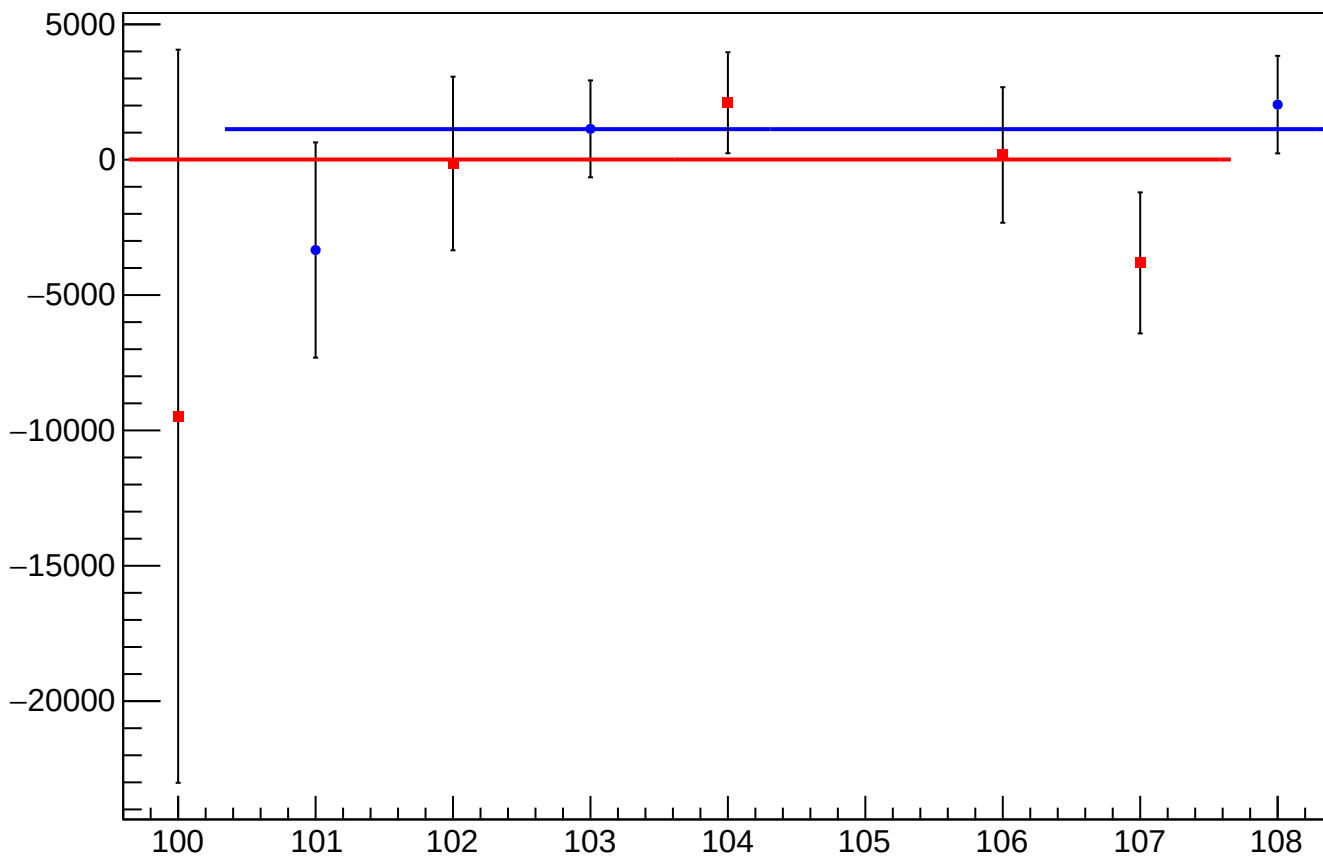
Right: 302.149+/-0.172 χ^2/NDF : 2596300.4/7

In: 312.745+/-0.254 χ^2/NDF : 1734914.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 302.149+/-0.172 χ^2/NDF : 2596300.4/7

dit_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 1128.559+/-1209.453 χ^2/NDF : 1.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.411+/-1197.834 χ^2/NDF : 3.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

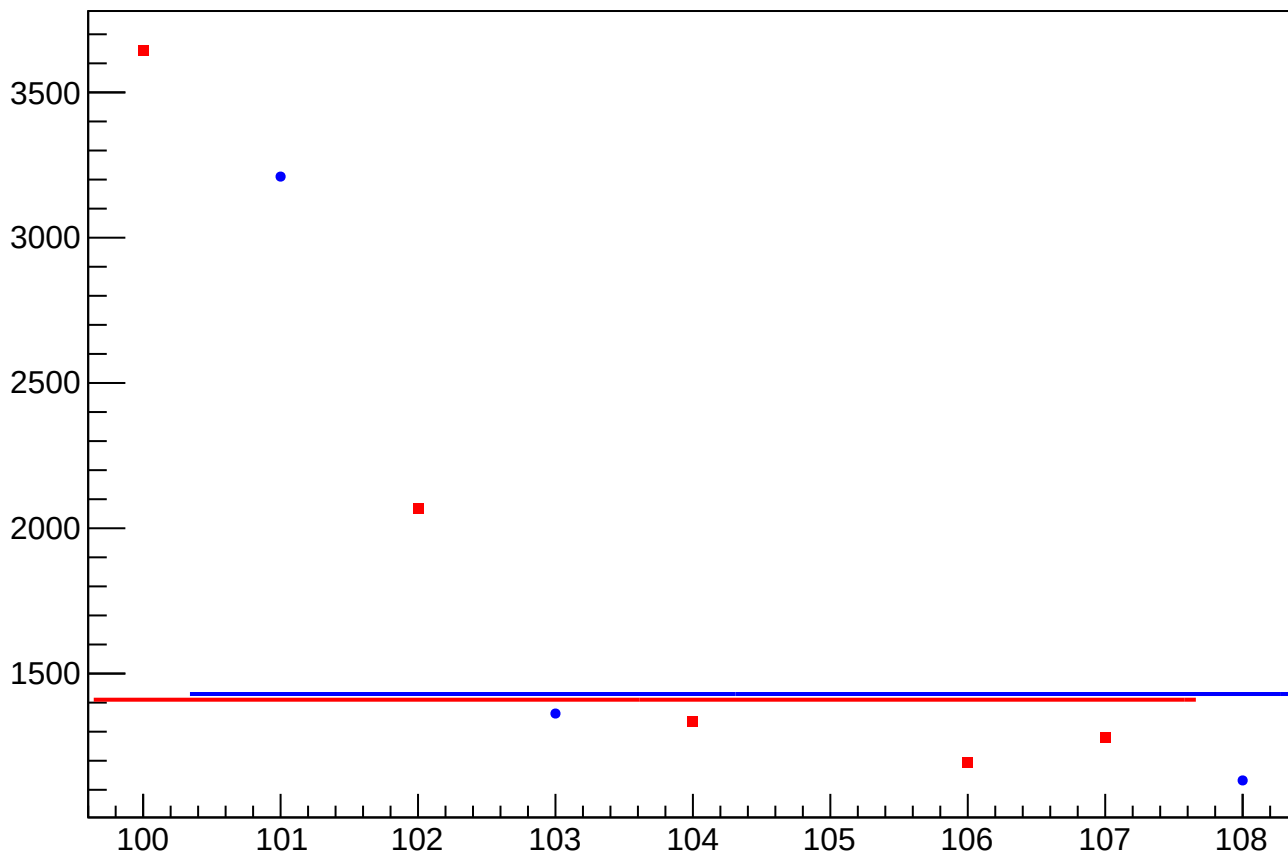
Right: 562.574+/-851.075 χ^2/NDF : 5.9/7

In: 1128.559+/-1209.453 χ^2/NDF : 1.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 562.574+/-851.075 χ^2/NDF : 5.9/7

dit_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1429.649+/-0.855 χ^2/NDF : 458522.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1410.047+/-0.844 χ^2/NDF : 161893.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

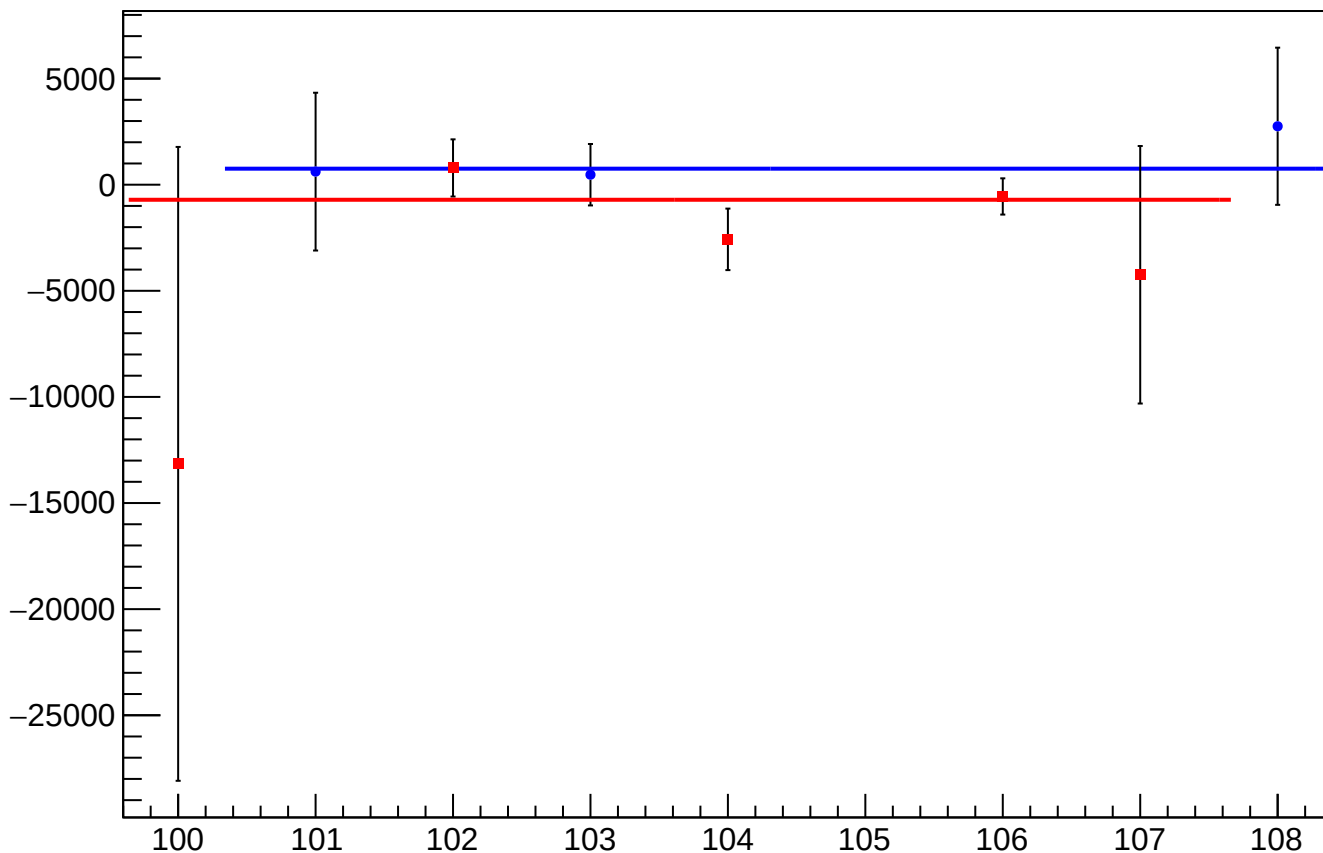
Right: 1419.720+/-0.601 χ^2/NDF : 620682.0/7

In: 1429.649+/-0.855 χ^2/NDF : 458522.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1419.720+/-0.601 χ^2/NDF : 620682.0/7

asym_us_avg_atlr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 754.833+/-1267.431 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -710.157+/-641.426 χ^2/NDF : 4.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

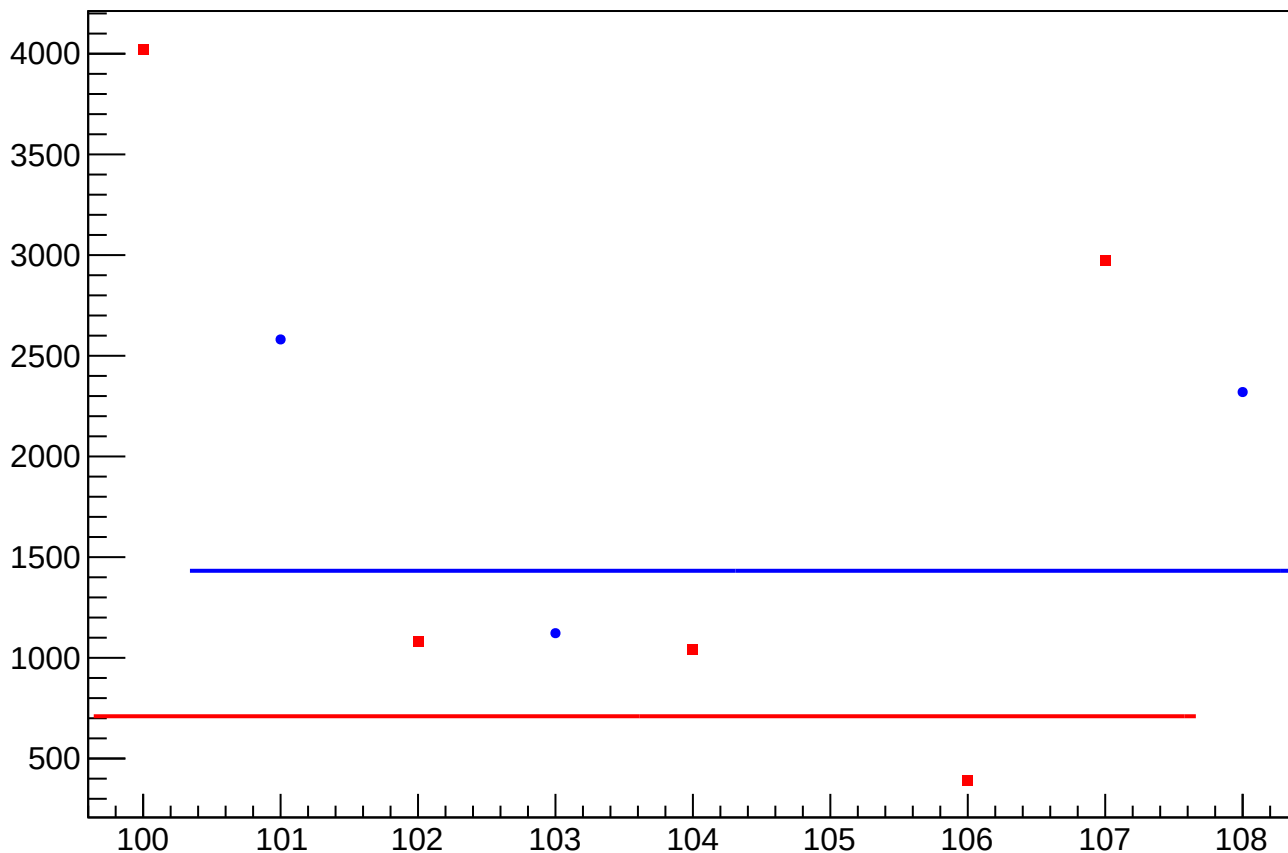
Right: -411.449+/-572.309 χ^2/NDF : 5.4/7

In: 754.833+/-1267.431 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -411.449+/-572.309 χ^2/NDF : 5.4/7

asym_us_avg_atlr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1432.304+/-0.896 χ^2/NDF : 397536.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 709.922+/-0.454 χ^2/NDF : 914371.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

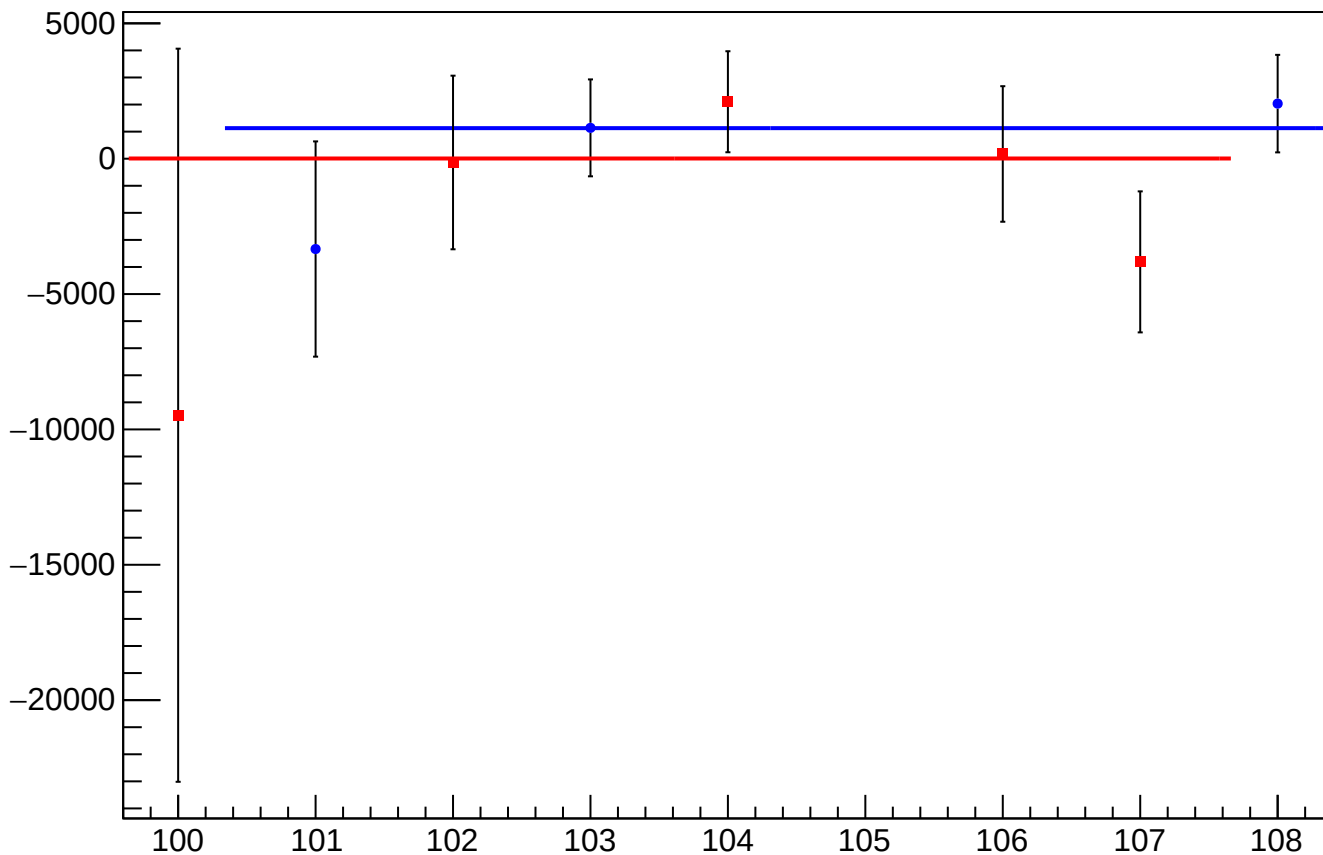
Right: 857.214+/-0.405 χ^2/NDF : 1829138.7/7

In: 1432.304+/-0.896 χ^2/NDF : 397536.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 857.214+/-0.405 χ^2/NDF : 1829138.7/7

eigen_dit_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 1128.557+/-1209.453 χ^2/NDF : 1.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.404+/-1197.834 χ^2/NDF : 3.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

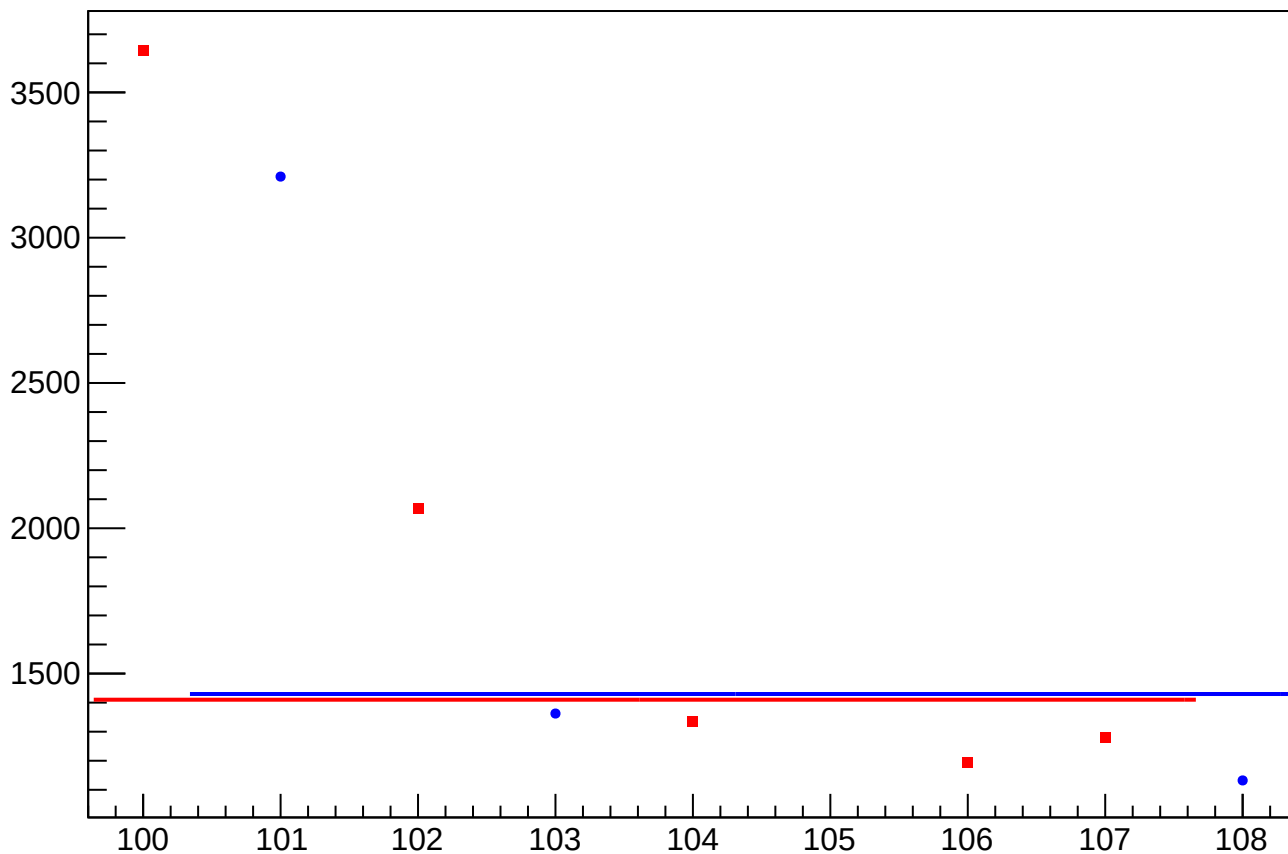
Right: 562.569+/-851.075 χ^2/NDF : 5.9/7

In: 1128.557+/-1209.453 χ^2/NDF : 1.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 562.569+/-851.075 χ^2/NDF : 5.9/7

eigen_dit_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1429.649+/-0.855 χ^2/NDF : 458522.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1410.047+/-0.844 χ^2/NDF : 161892.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

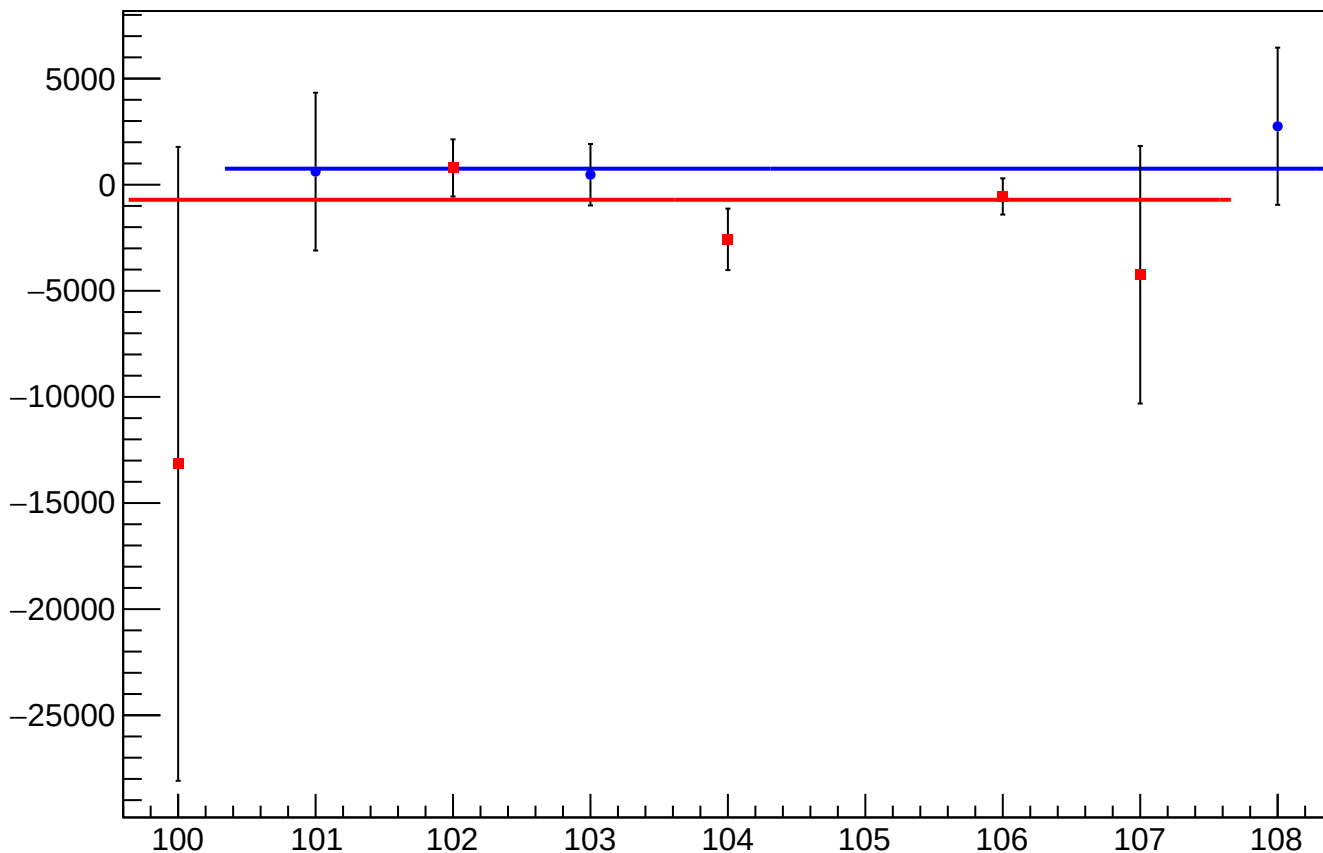
Right: 1419.720+/-0.601 χ^2/NDF : 620682.0/7

In: 1429.649+/-0.855 χ^2/NDF : 458522.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1419.720+/-0.601 χ^2/NDF : 620682.0/7

asym_us_avg_atlr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 754.833+/-1267.431 χ^2 /NDF: 0.3/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -710.150+/-641.416 χ^2 /NDF: 4.0/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

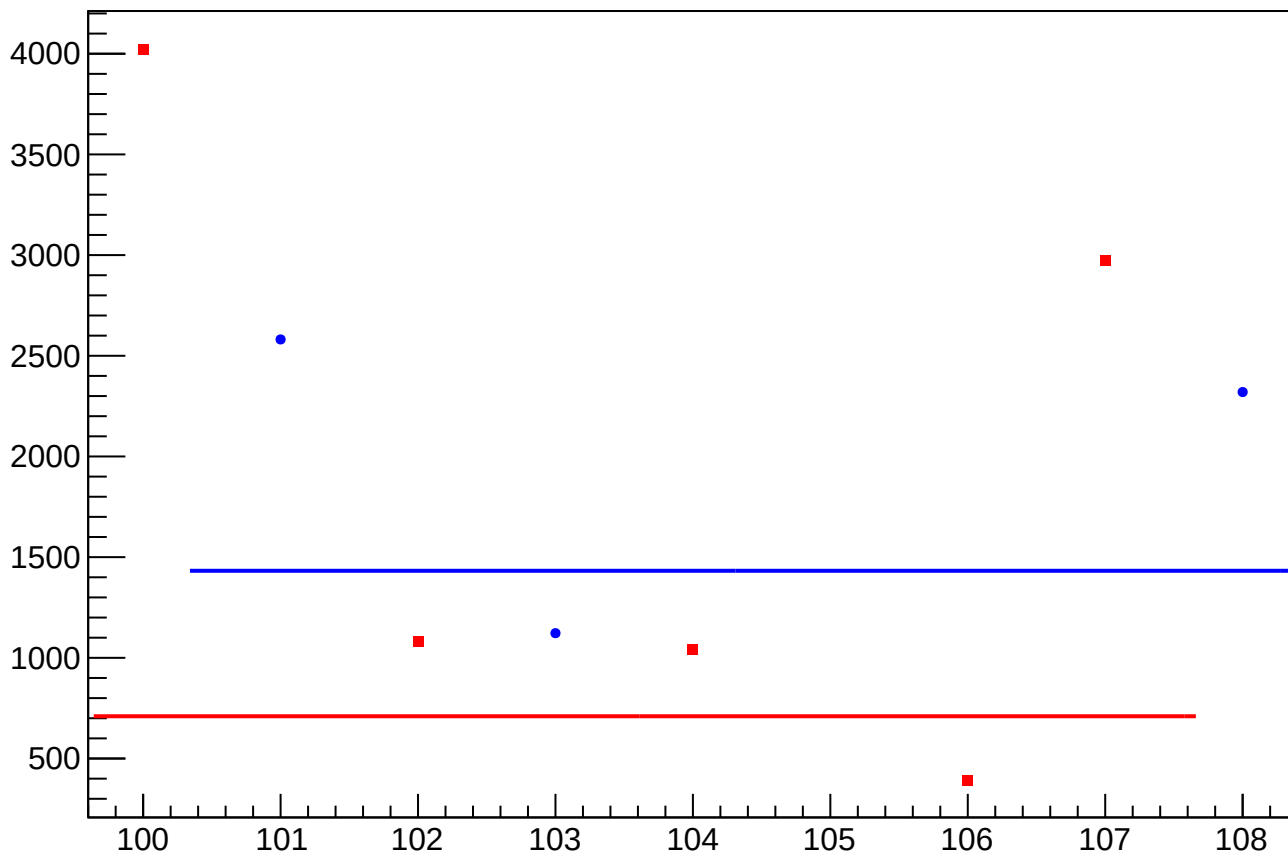
Right: -411.450+/-572.303 χ^2 /NDF: 5.4/7

In: 754.833+/-1267.431 χ^2 /NDF:0.3/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -411.450+/-572.303 χ^2 /NDF: 5.4/7

asym_us_avg_atlr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1432.304+/-0.896 χ^2/NDF : 397536.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 709.905+/-0.454 χ^2/NDF : 914407.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

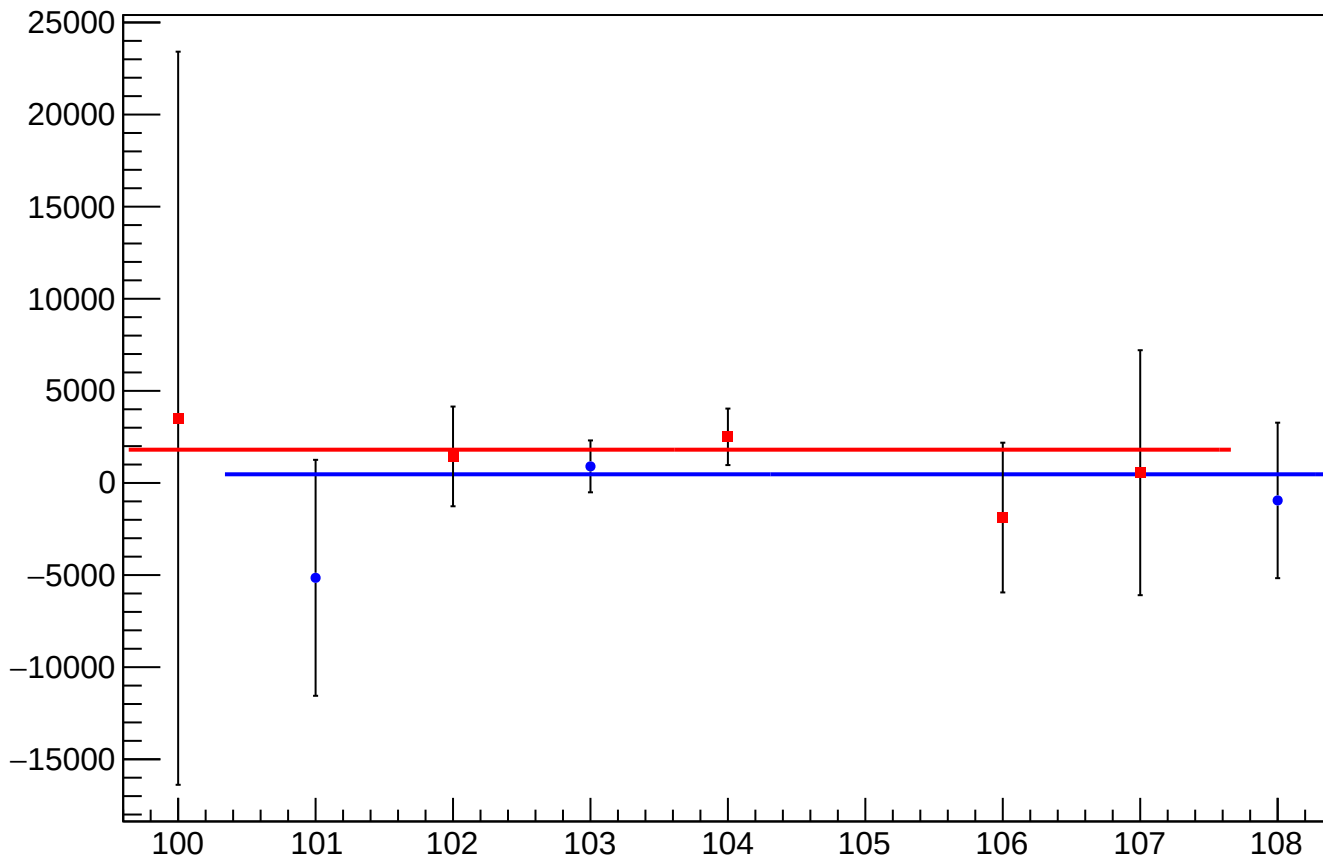
Right: 857.197+/-0.405 χ^2/NDF : 1829200.5/7

In: 1432.304+/-0.896 χ^2/NDF : 397536.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 857.197+/-0.405 χ^2/NDF : 1829200.5/7

asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 470.724 $\pm$ 1307.988 χ^2 /NDF: 1.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1806.652 $\pm$ 1242.810 χ^2 /NDF: 1.1/4

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

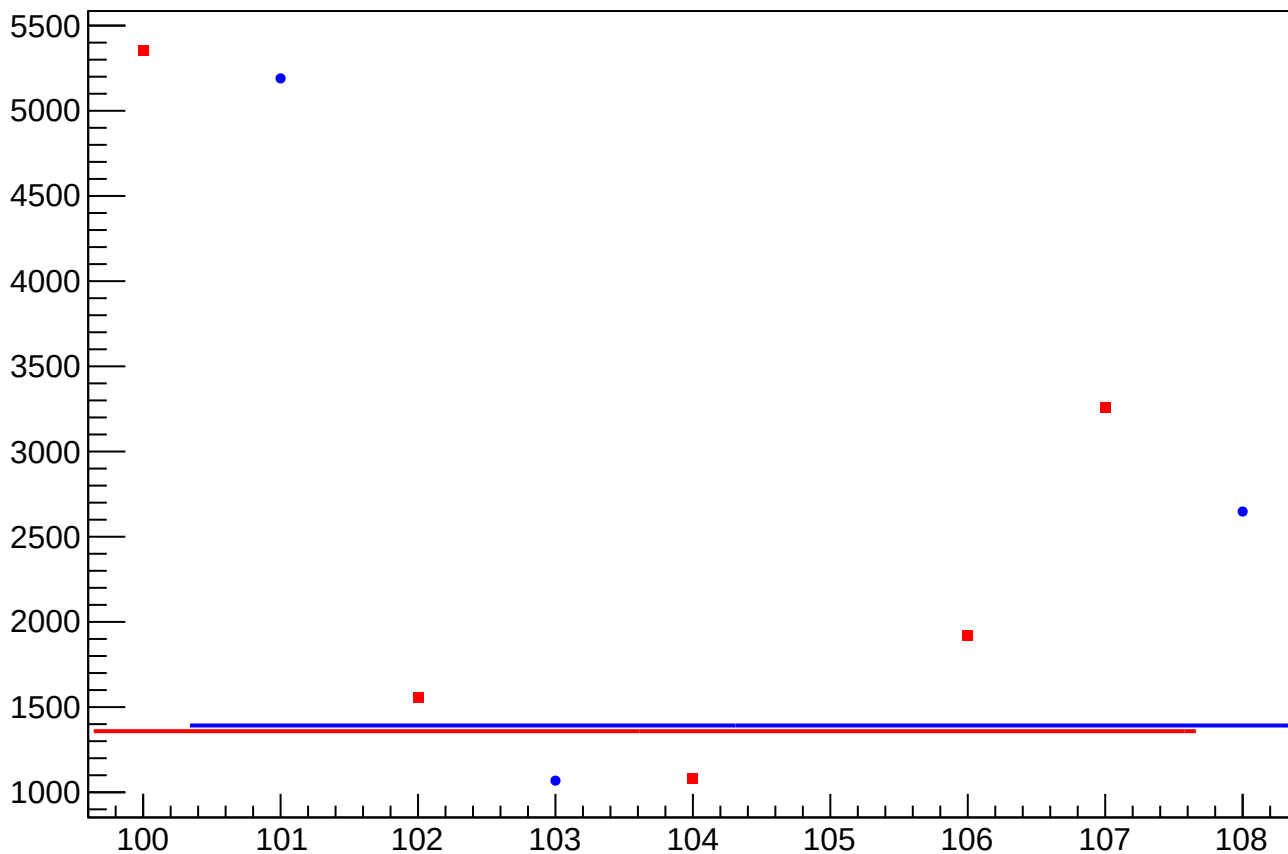
Right: 1172.801 $\pm$ 900.960 χ^2 /NDF: 2.6/7

In: 470.724 $\pm$ 1307.988 χ^2 /NDF:1.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1172.801 $\pm$ 900.960 χ^2 /NDF: 2.6/7

asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1392.061+/-0.925 χ^2/NDF : 985901.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1358.605+/-0.875 χ^2/NDF : 361871.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

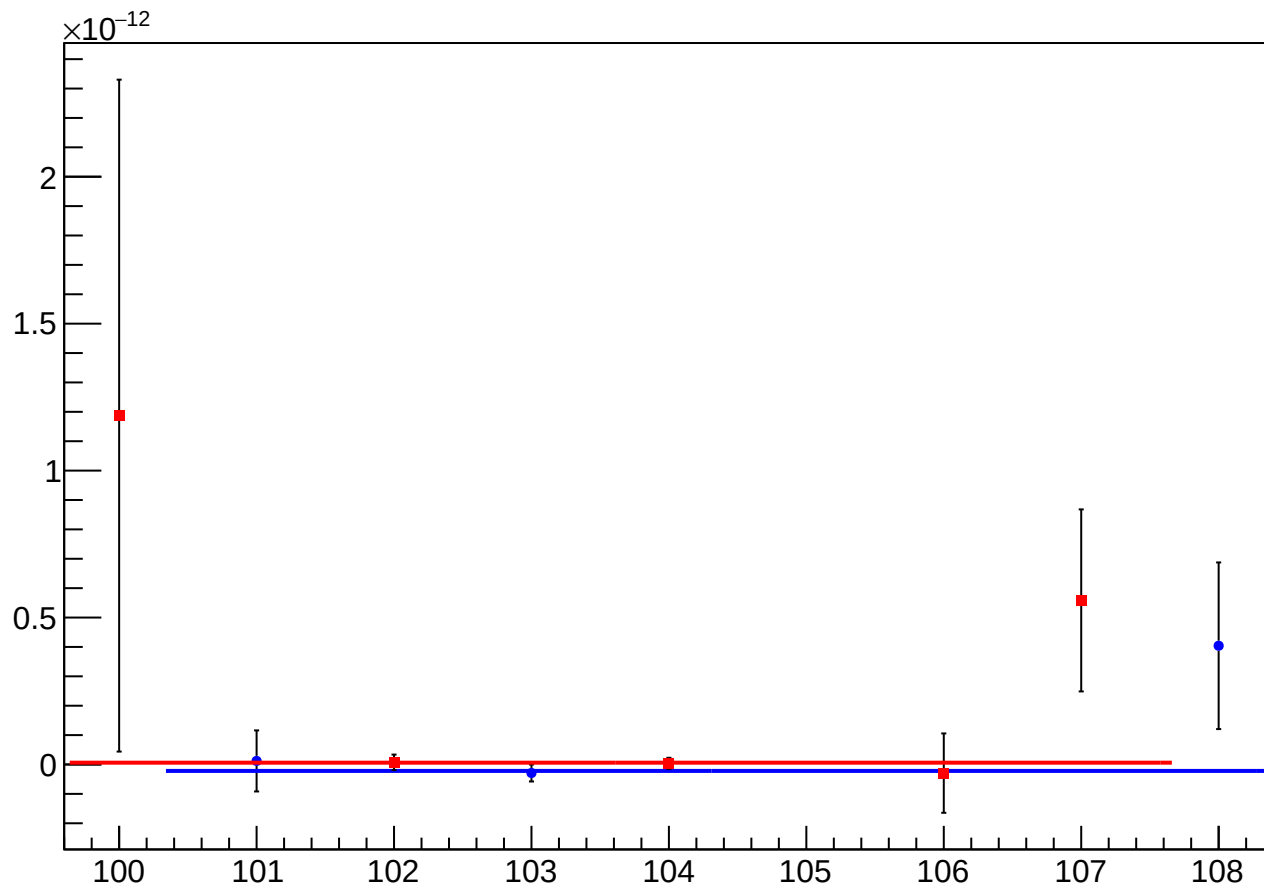
Right: 1374.402+/-0.636 χ^2/NDF : 1348463.7/7

In: 1392.061+/-0.925 χ^2/NDF : 985901.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1374.402+/-0.636 χ^2/NDF : 1348463.7/7

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

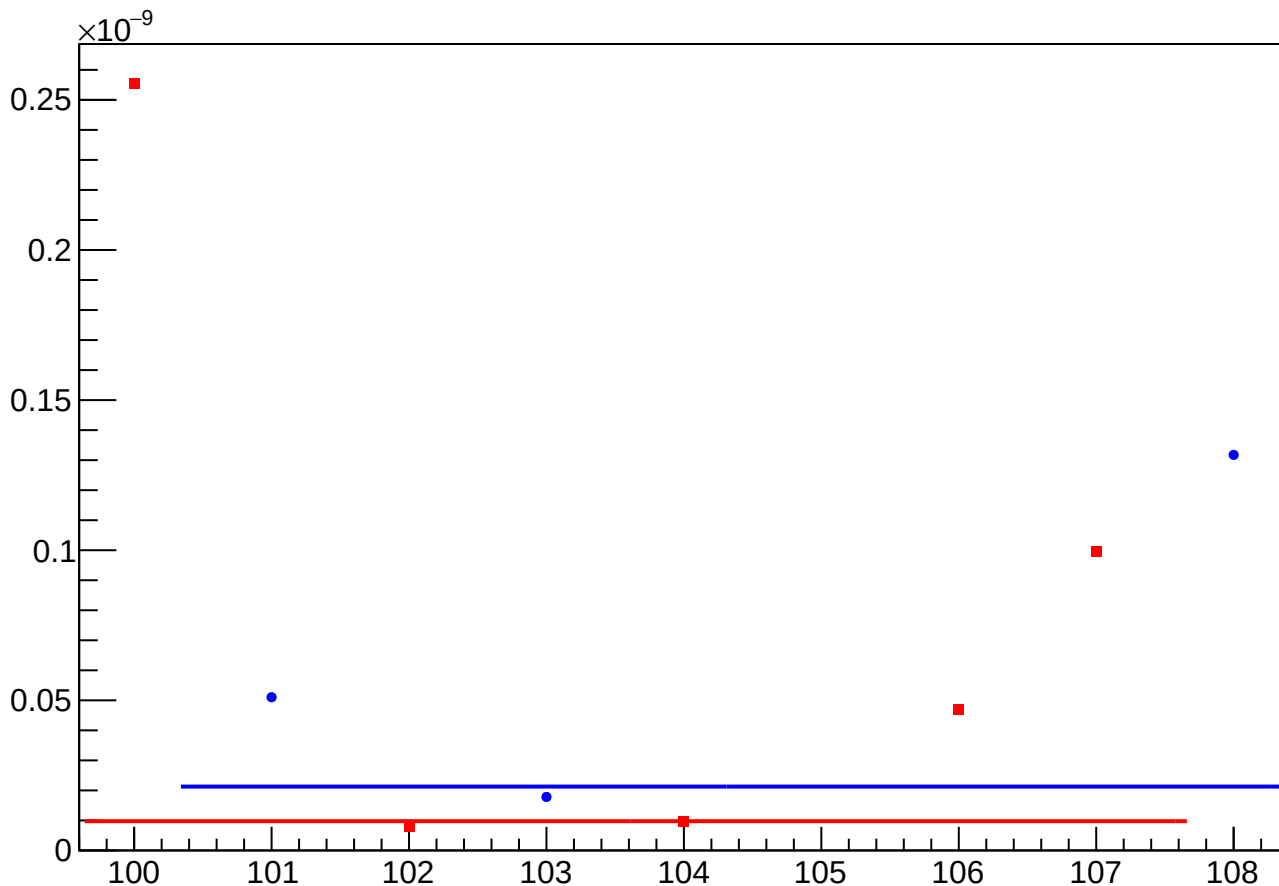
Right: -0.000+/-0.000 χ^2/NDF : 7.5/7

In: -0.000+/-0.000 χ^2/NDF : 2.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.5/7

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 496360.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 420091.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

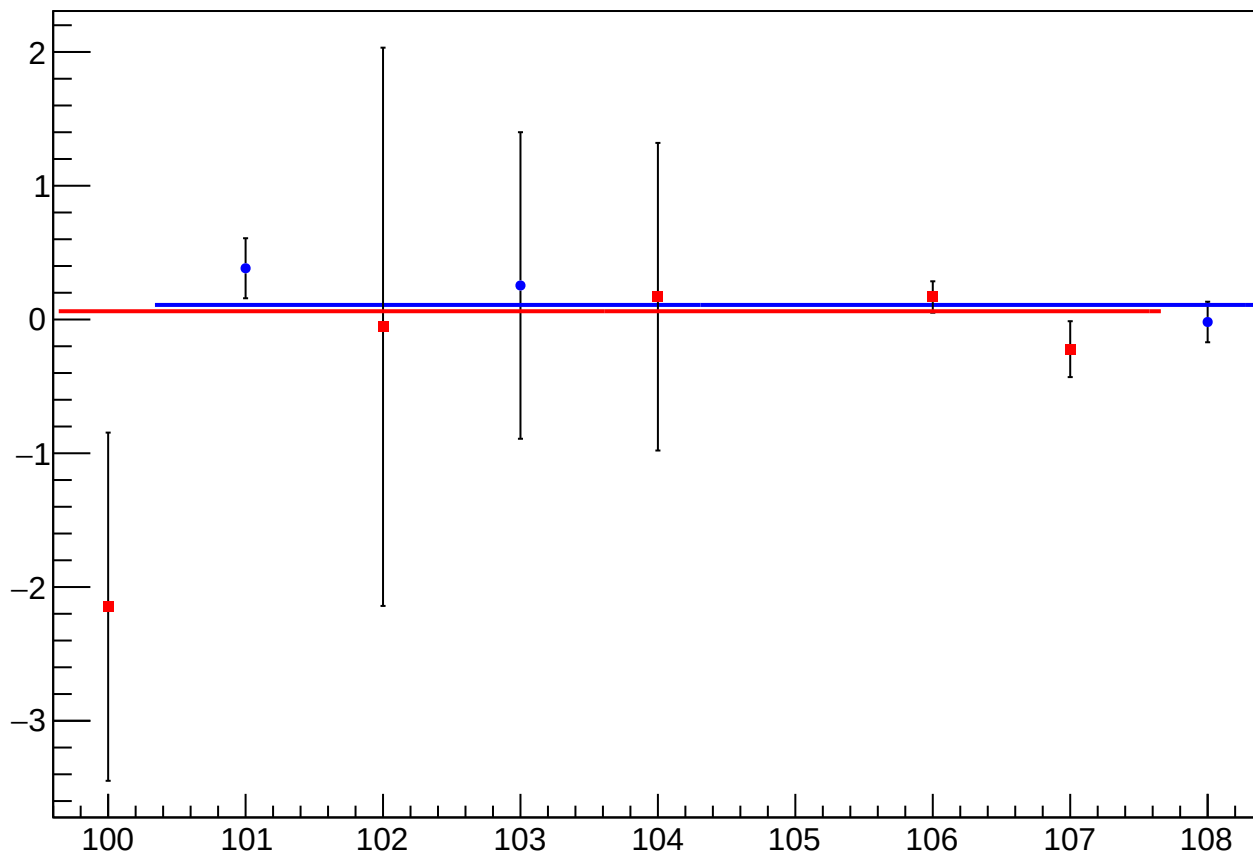
Right: 0.000+/-0.000 χ^2/NDF : 1182234.7/7

In: 0.000+/-0.000 χ^2/NDF : 496360.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1182234.7/7

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.109 $\pm$ 0.125 χ^2 /NDF: 2.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.062 $\pm$ 0.101 χ^2 /NDF: 5.6/4

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

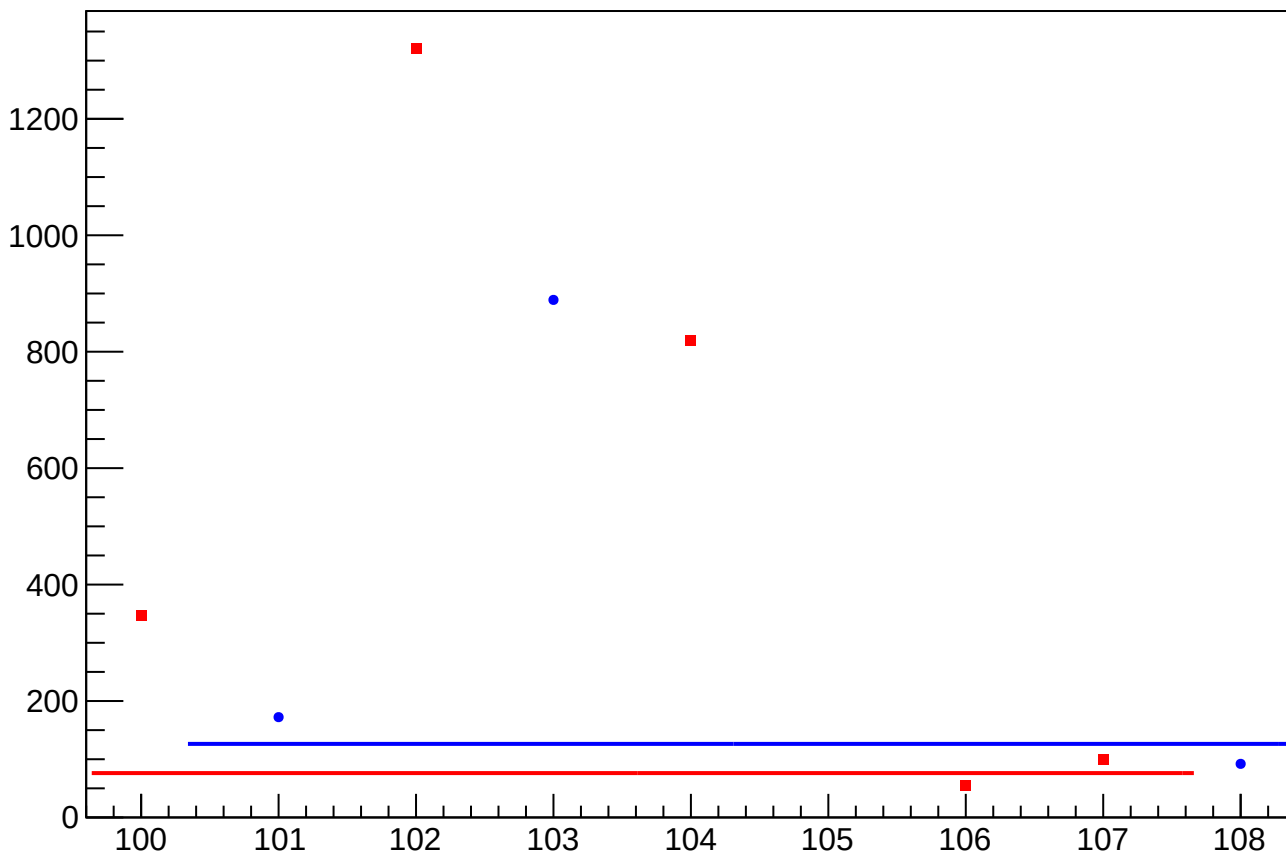
Right: 0.081 $\pm$ 0.079 χ^2 /NDF: 7.9/7

In: 0.109 $\pm$ 0.125 χ^2 /NDF: 2.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.081 $\pm$ 0.079 χ^2 /NDF: 7.9/7

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 126.363+/-0.088 χ^2/NDF : 1072073.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.209+/-0.072 χ^2/NDF : 1721698.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

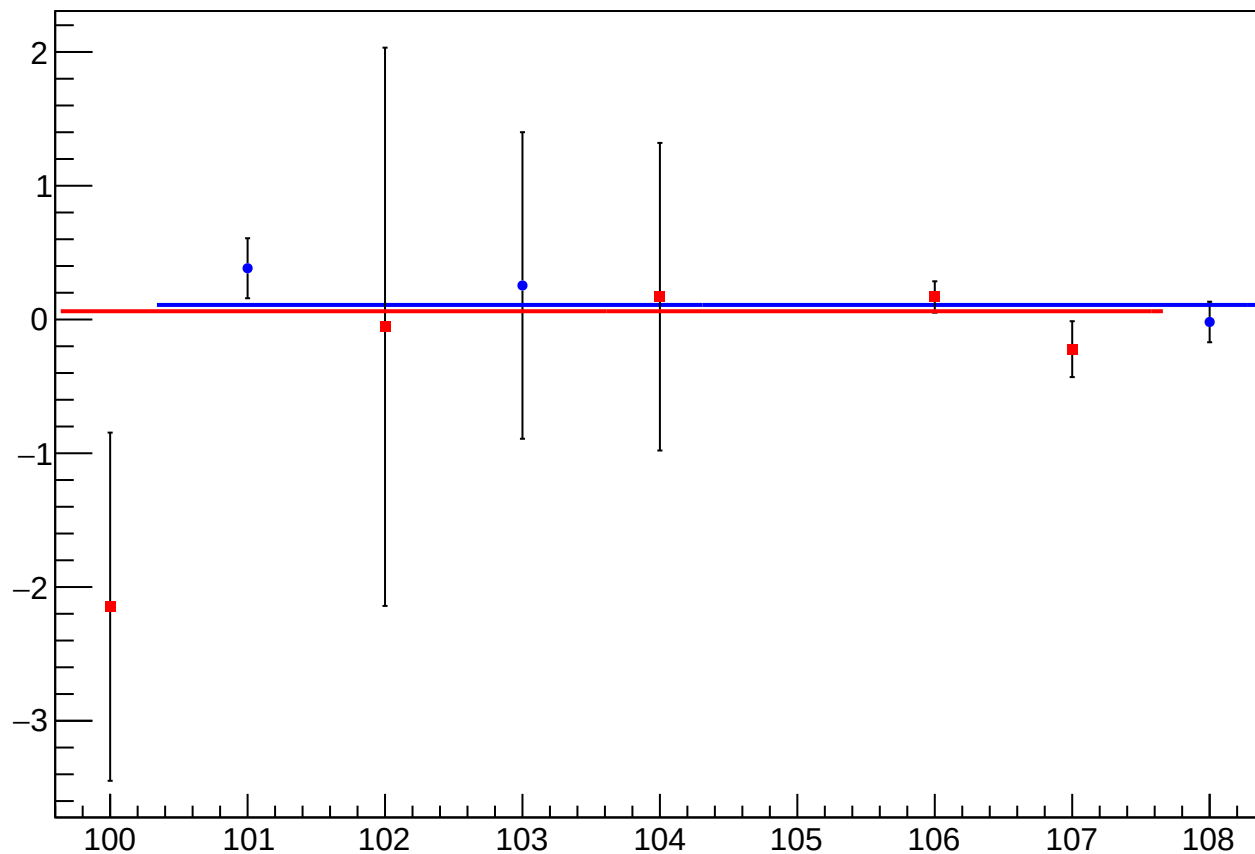
Right: 96.158+/-0.056 χ^2/NDF : 2988228.9/7

In: 126.363+/-0.088 χ^2/NDF : 1072073.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.158+/-0.056 χ^2/NDF : 2988228.9/7

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.109 $\pm$ 0.125 χ^2 /NDF: 2.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.062 $\pm$ 0.101 χ^2 /NDF: 5.6/4

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

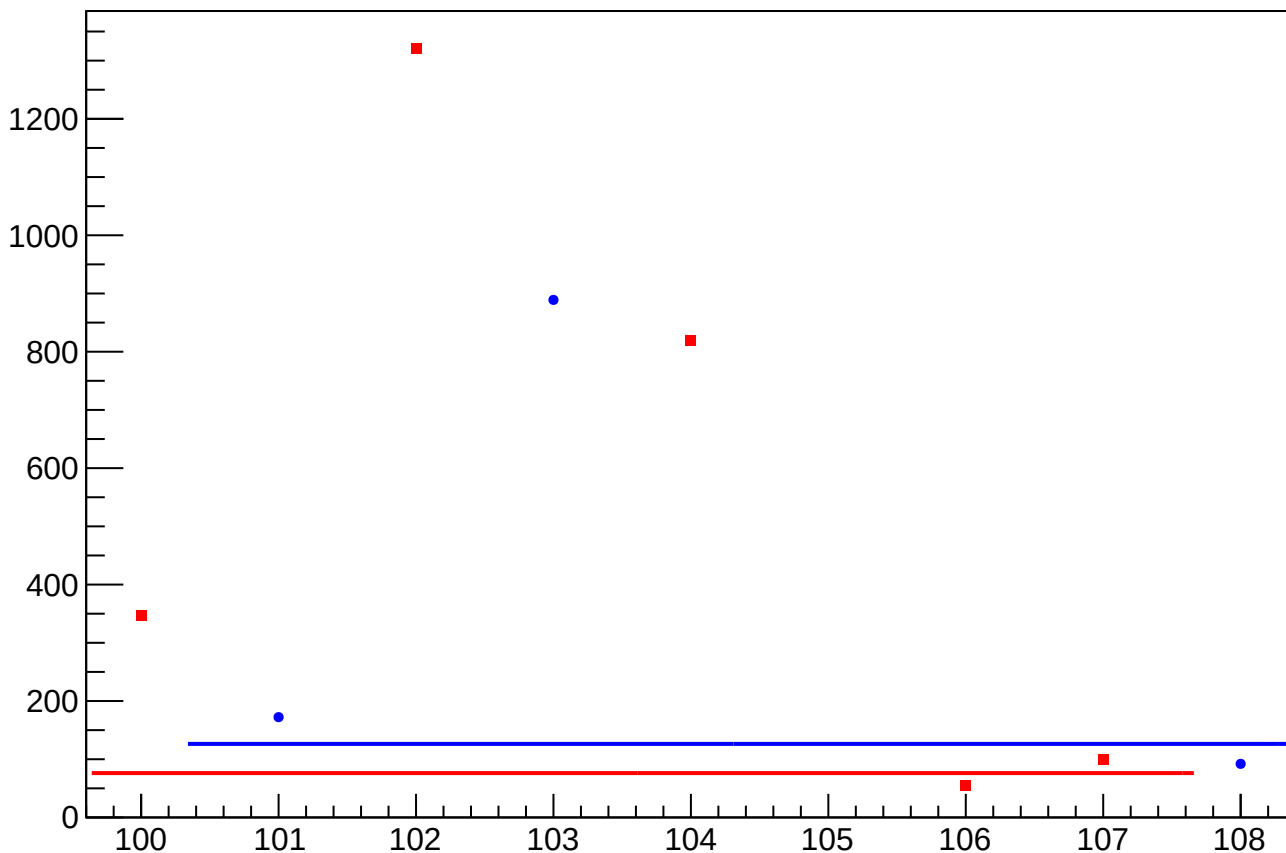
Right: 0.081 $\pm$ 0.079 χ^2 /NDF: 7.9/7

In: 0.109 $\pm$ 0.125 χ^2 /NDF: 2.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.081 $\pm$ 0.079 χ^2 /NDF: 7.9/7

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 126.363+/-0.088 χ^2/NDF : 1072073.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.209+/-0.072 χ^2/NDF : 1721698.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

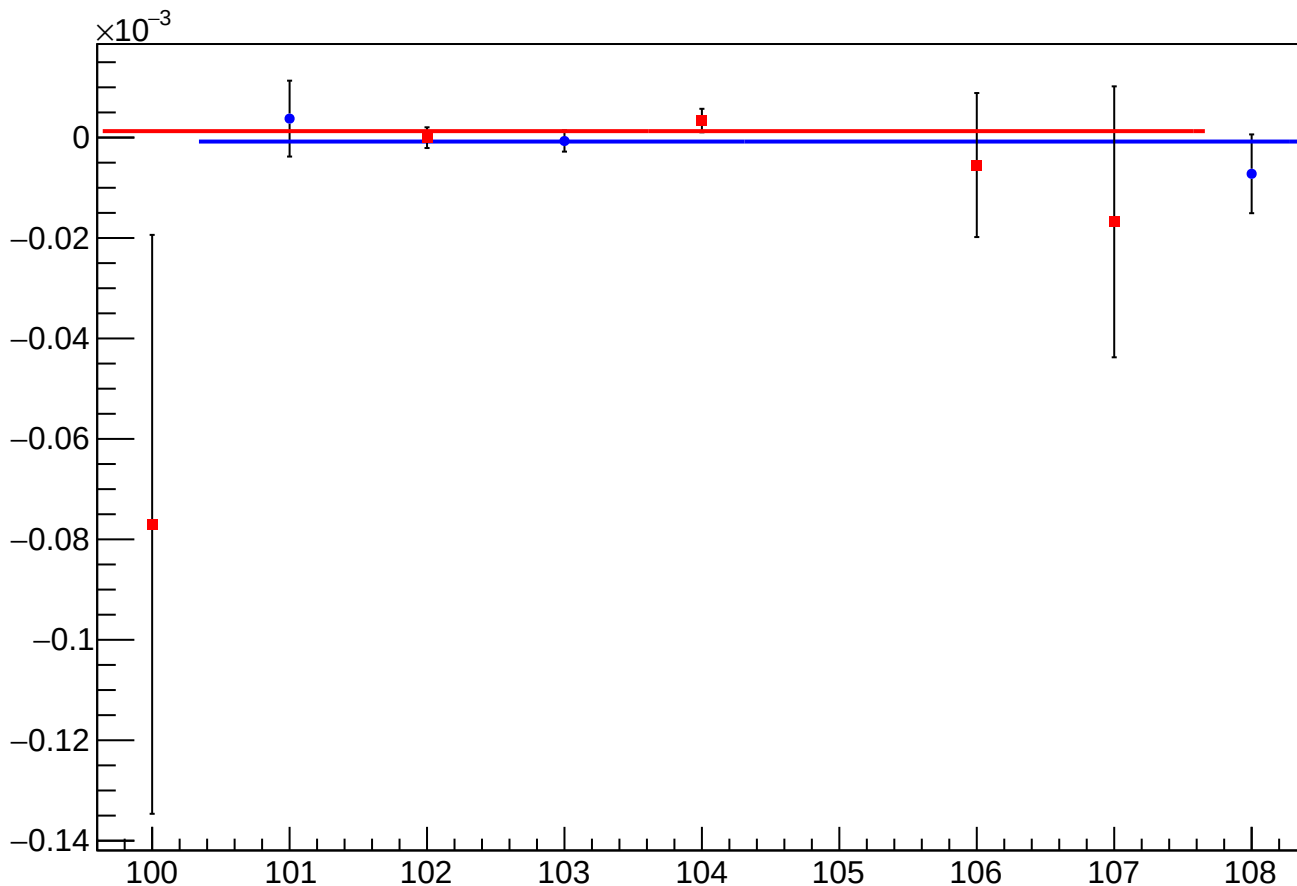
Right: 96.158+/-0.056 χ^2/NDF : 2988228.9/7

In: 126.363+/-0.088 χ^2/NDF : 1072073.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.158+/-0.056 χ^2/NDF : 2988228.9/7

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: 1.0/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 3.7/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

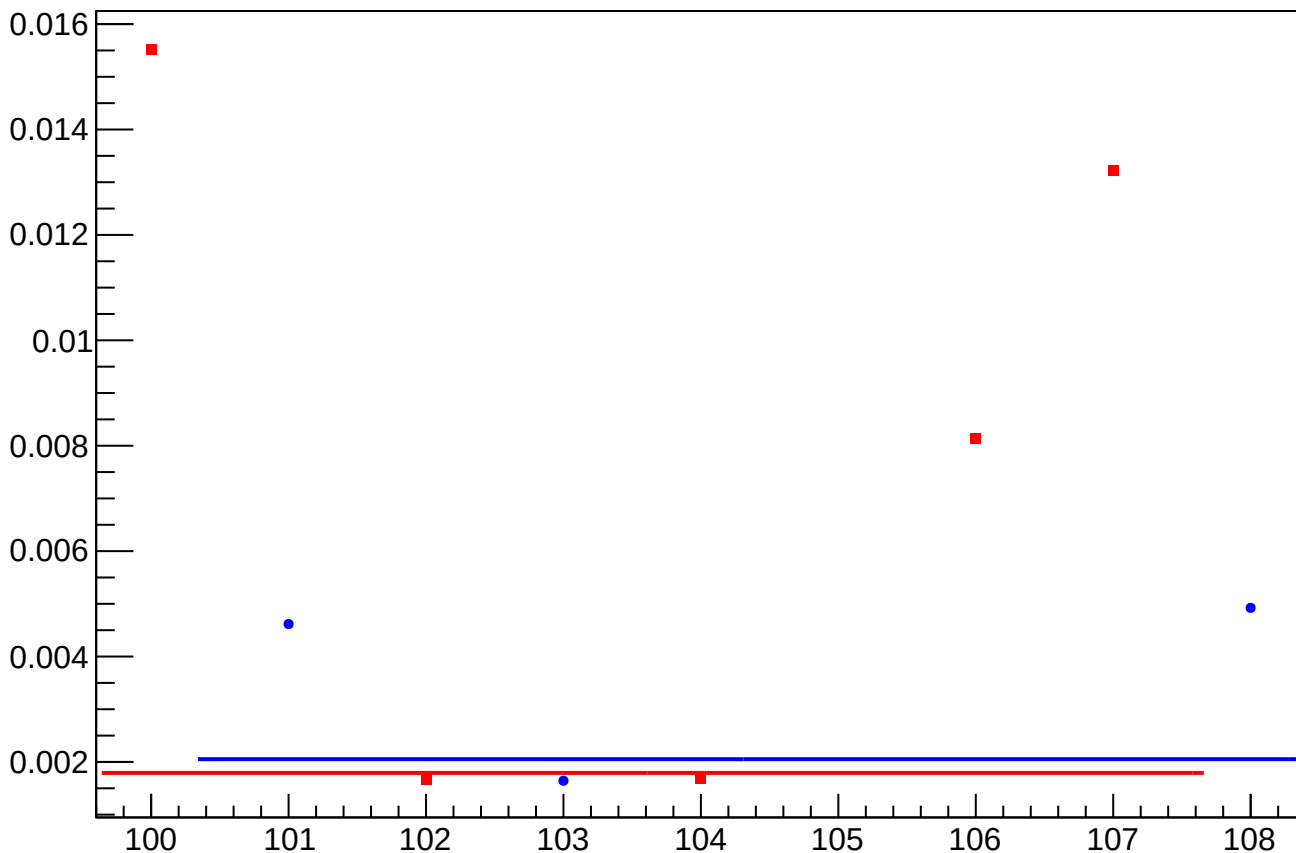
Right: 0.000+/-0.000 χ^2 /NDF: 5.5/7

In: -0.000+/-0.000 χ^2 /NDF:1.0/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 5.5/7

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 : 573139.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 878111.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

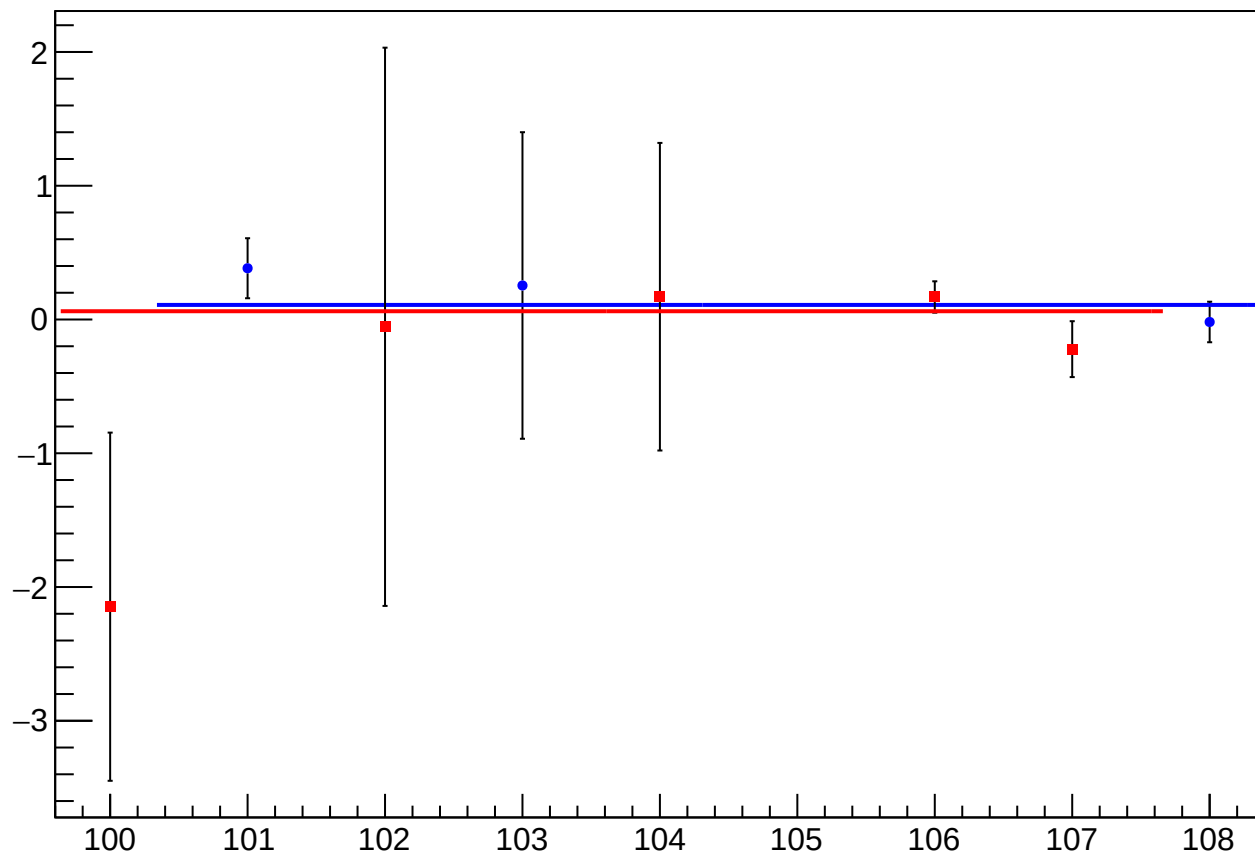
Right: 0.002+/-0.000 χ^2/NDF : 1473049.2/7

In: 0.002+/-0.000 χ^2/NDF : 573139.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1473049.2/7

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.109 $\pm$ 0.125 χ^2 /NDF: 2.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.062 $\pm$ 0.101 χ^2 /NDF: 5.6/4

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

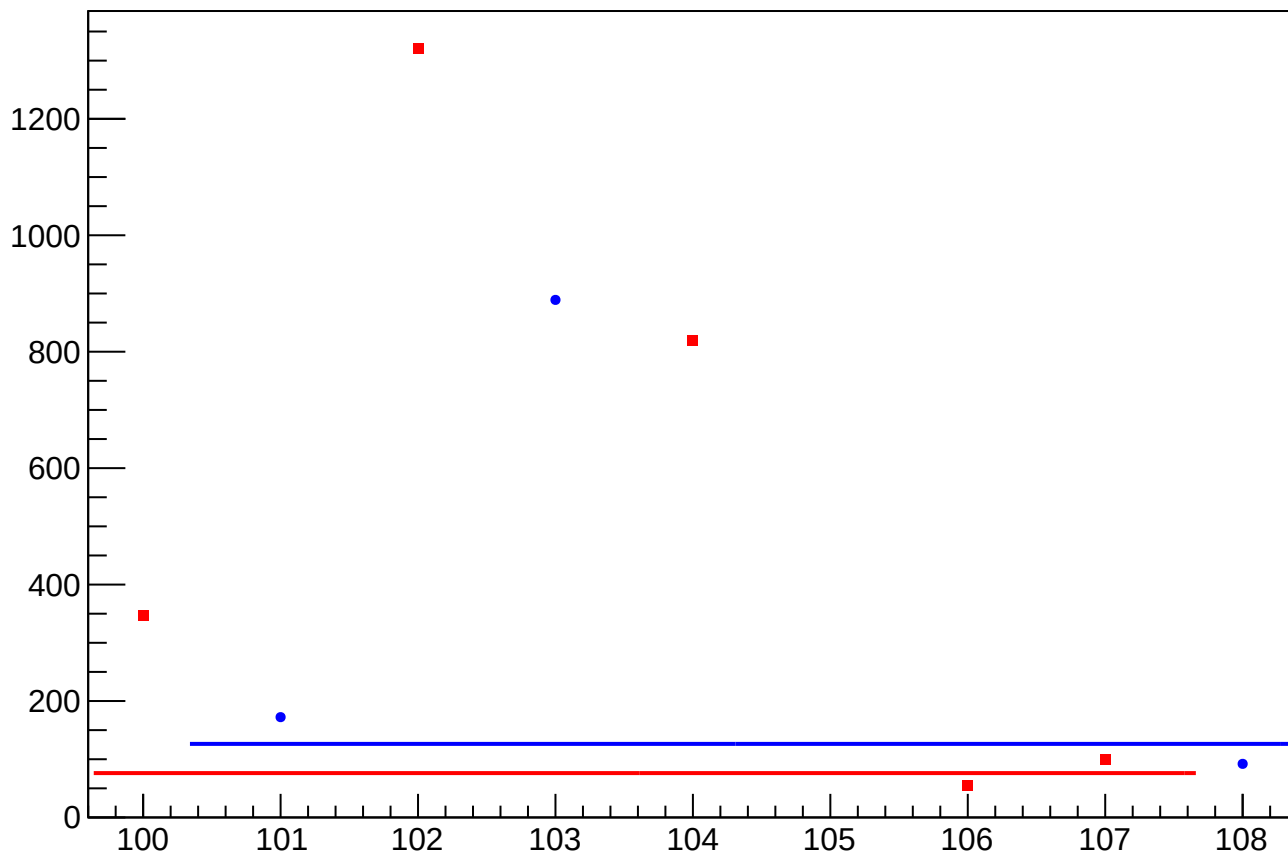
Right: 0.081 $\pm$ 0.079 χ^2 /NDF: 7.9/7

In: 0.109 $\pm$ 0.125 χ^2 /NDF:2.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.081 $\pm$ 0.079 χ^2 /NDF: 7.9/7

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 126.364 $\pm$ 0.088 χ^2 /NDF: 1072056.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 76.203 $\pm$ 0.072 χ^2 /NDF: 1721727.9/4

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

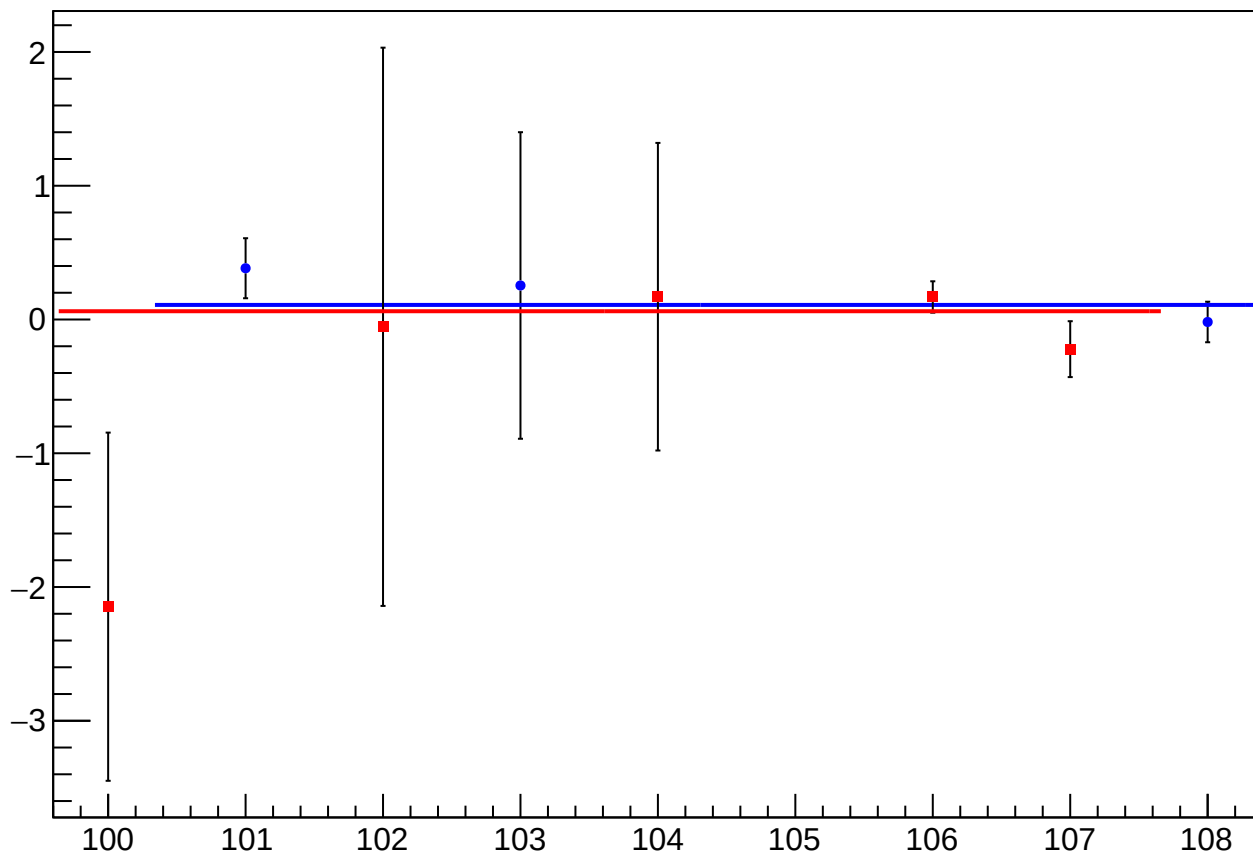
Right: 96.154 $\pm$ 0.056 χ^2 /NDF: 2988301.6/7

In: 126.364 $\pm$ 0.088 χ^2 /NDF:1072056.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 96.154 $\pm$ 0.056 χ^2 /NDF: 2988301.6/7

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.109 $\pm$ 0.125 χ^2 /NDF: 2.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.062 $\pm$ 0.101 χ^2 /NDF: 5.6/4

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

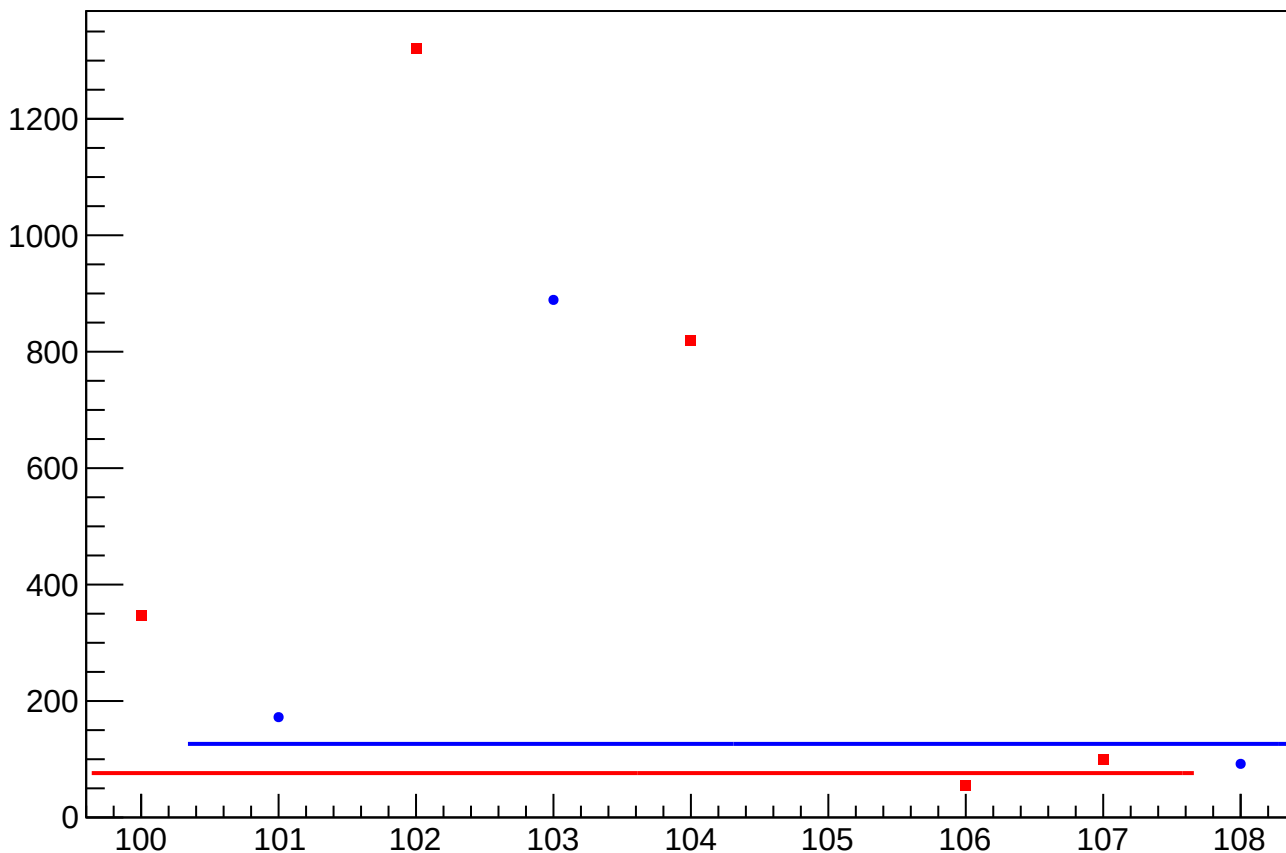
Right: 0.081 $\pm$ 0.079 χ^2 /NDF: 7.9/7

In: 0.109 $\pm$ 0.125 χ^2 /NDF:2.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.081 $\pm$ 0.079 χ^2 /NDF: 7.9/7

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 126.364+/-0.088 χ^2/NDF : 1072056.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.203+/-0.072 χ^2/NDF : 1721727.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

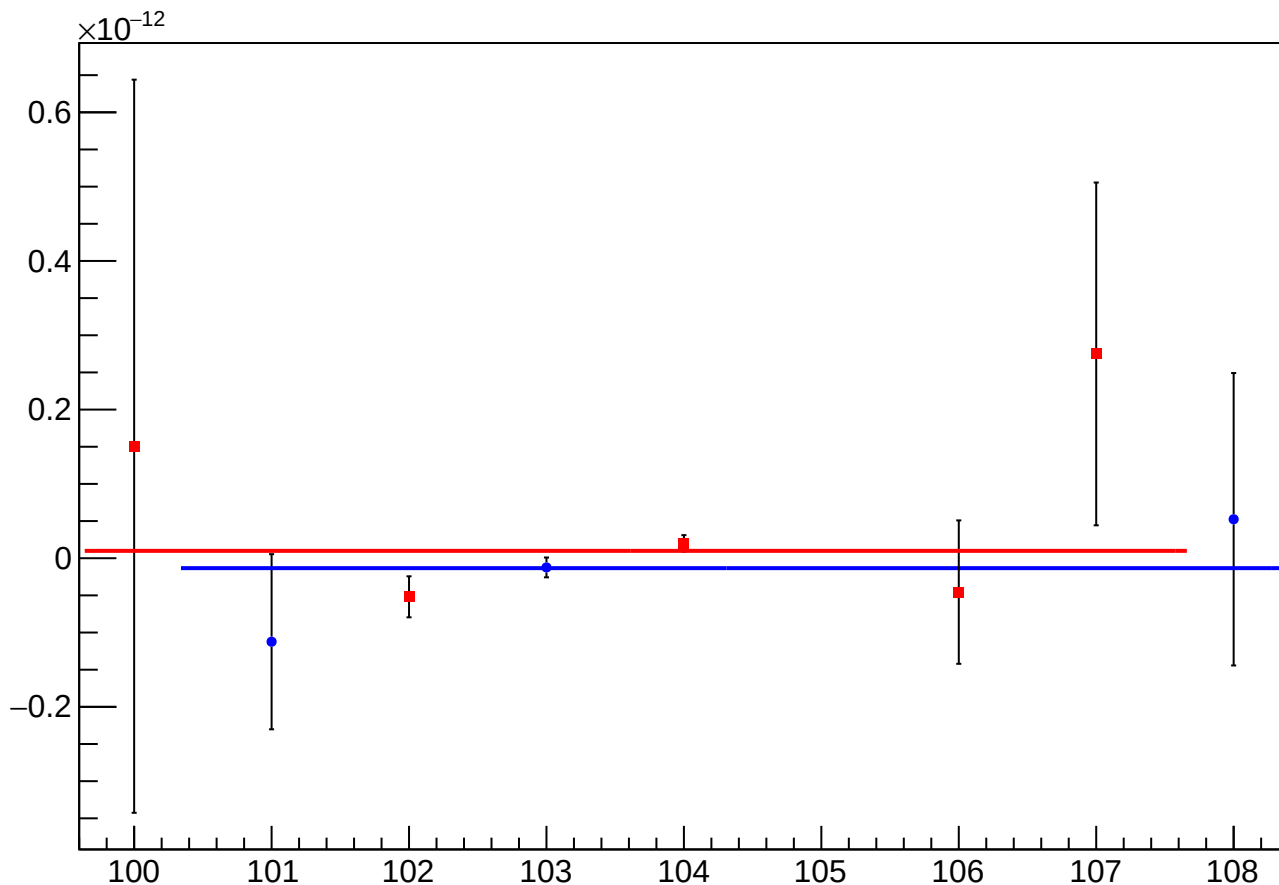
Right: 96.154+/-0.056 χ^2/NDF : 2988301.6/7

In: 126.364+/-0.088 χ^2/NDF : 1072056.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.154+/-0.056 χ^2/NDF : 2988301.6/7

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 : 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

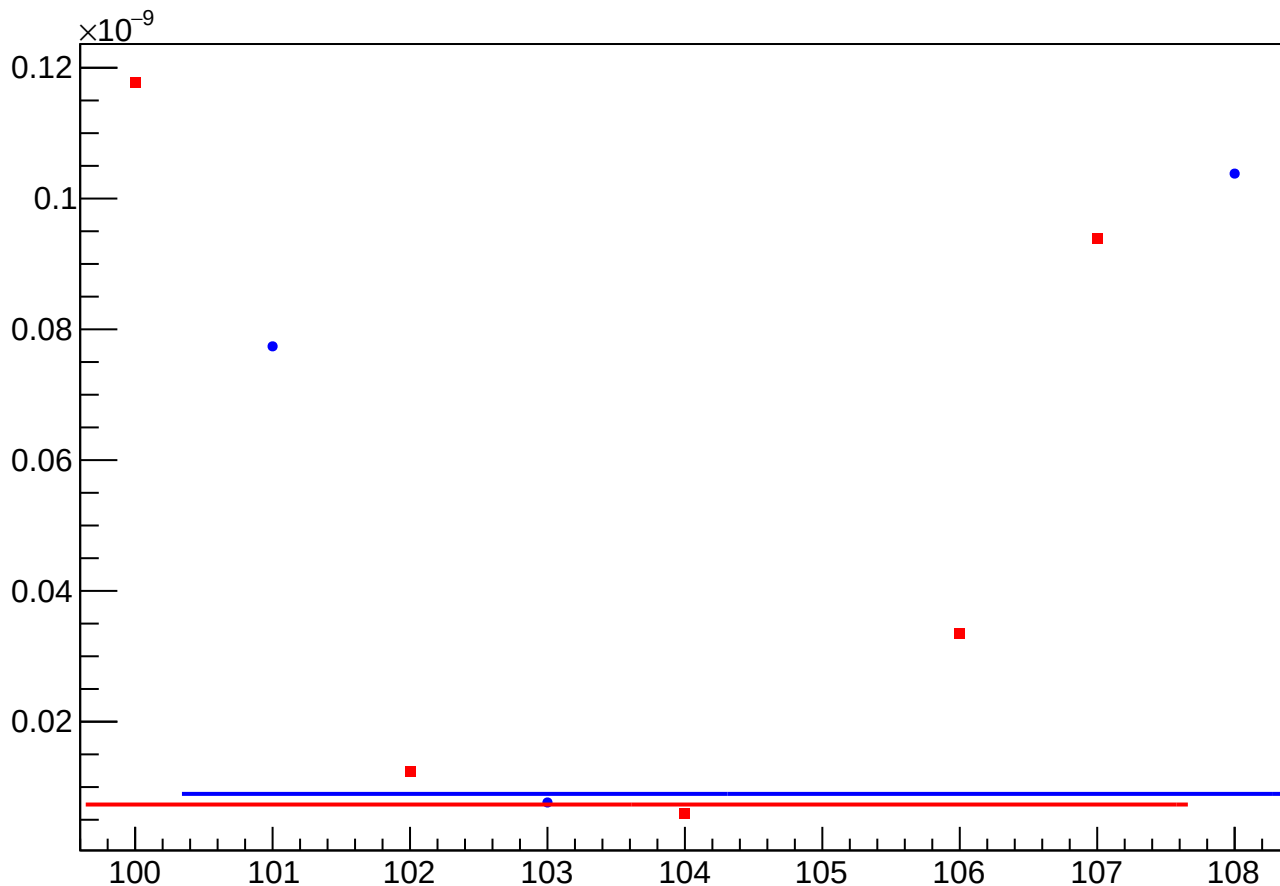
Right: 0.000+/-0.000 χ^2/NDF : 10.3/7

In: -0.000+/-0.000 χ^2/NDF : 0.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.3/7

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 : 1159129.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 626770.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

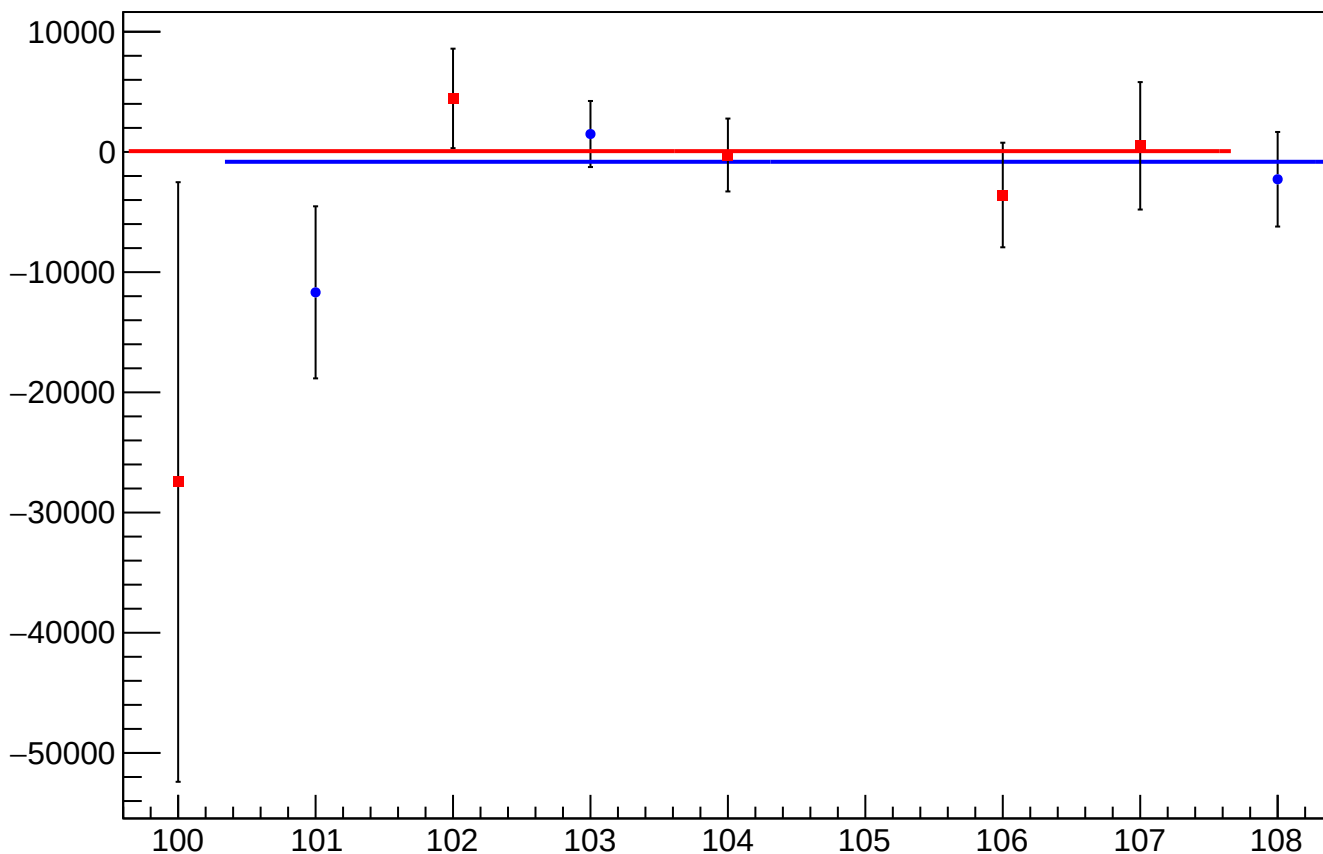
Right: 0.000+/-0.000 χ^2/NDF : 1804830.6/7

In: 0.000+/-0.000 χ^2/NDF : 1159129.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1804830.6/7

reg_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -817.975+/-2149.213 χ^2/NDF : 3.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.527+/-1971.809 χ^2/NDF : 3.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

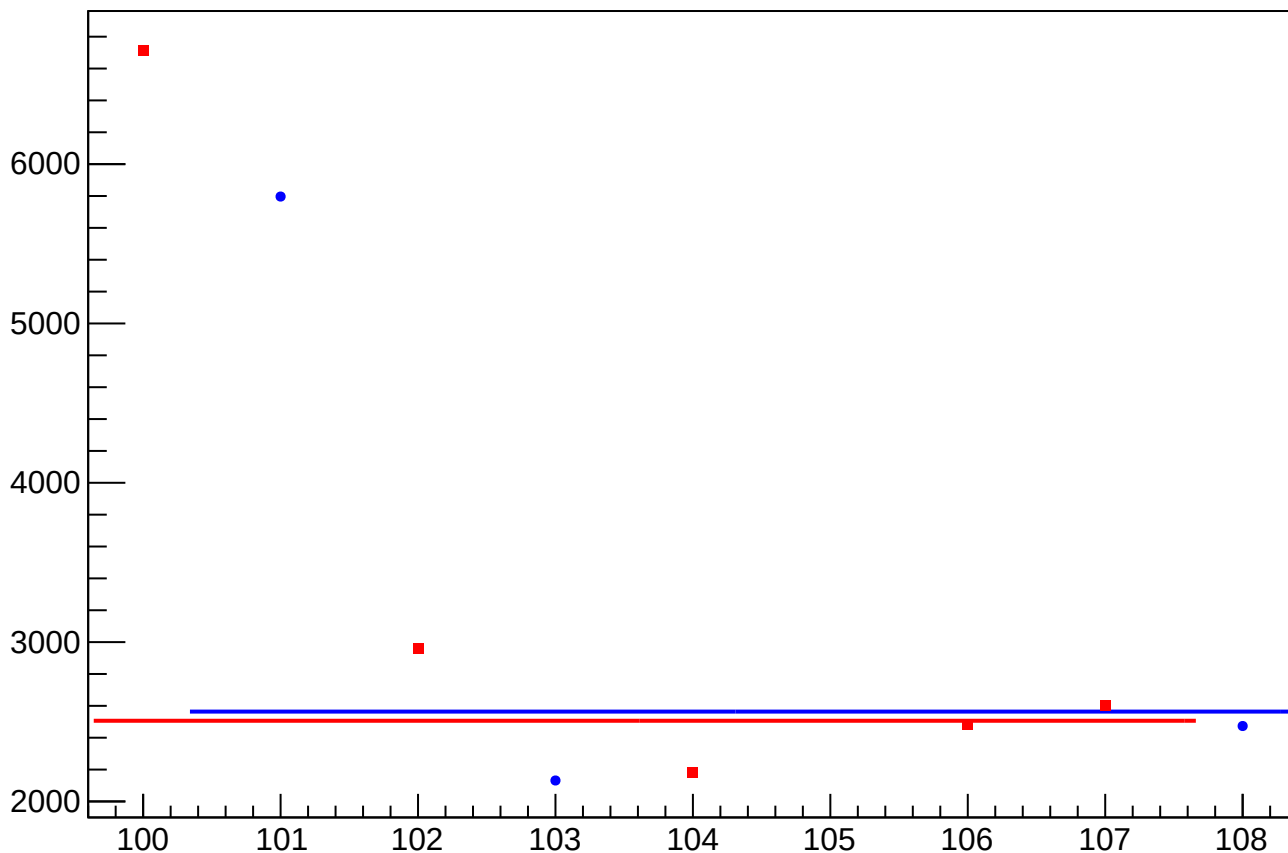
Right: -337.175+/-1452.956 χ^2/NDF : 6.3/7

In: -817.975+/-2149.213 χ^2/NDF : 3.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -337.175+/-1452.956 χ^2/NDF : 6.3/7

reg_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2563.929+/-1.520 χ^2/NDF : 458498.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2506.360+/-1.394 χ^2/NDF : 104391.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

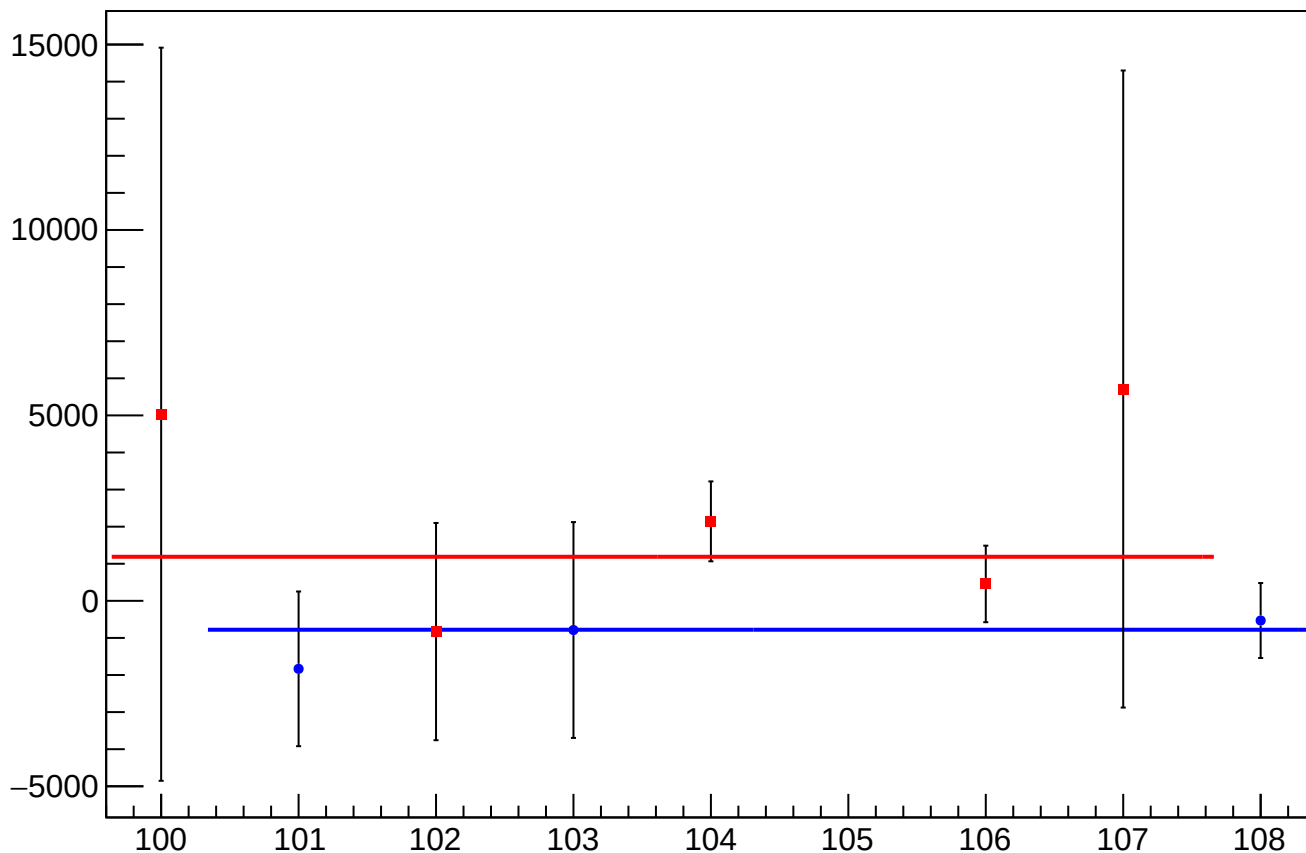
Right: 2532.670+/-1.027 χ^2/NDF : 563669.1/7

In: 2563.929+/-1.520 χ^2/NDF : 458498.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2532.670+/-1.027 χ^2/NDF : 563669.1/7

asym_us_dd_at1lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -779.261+/-868.164 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1188.553+/-717.666 χ^2/NDF : 2.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

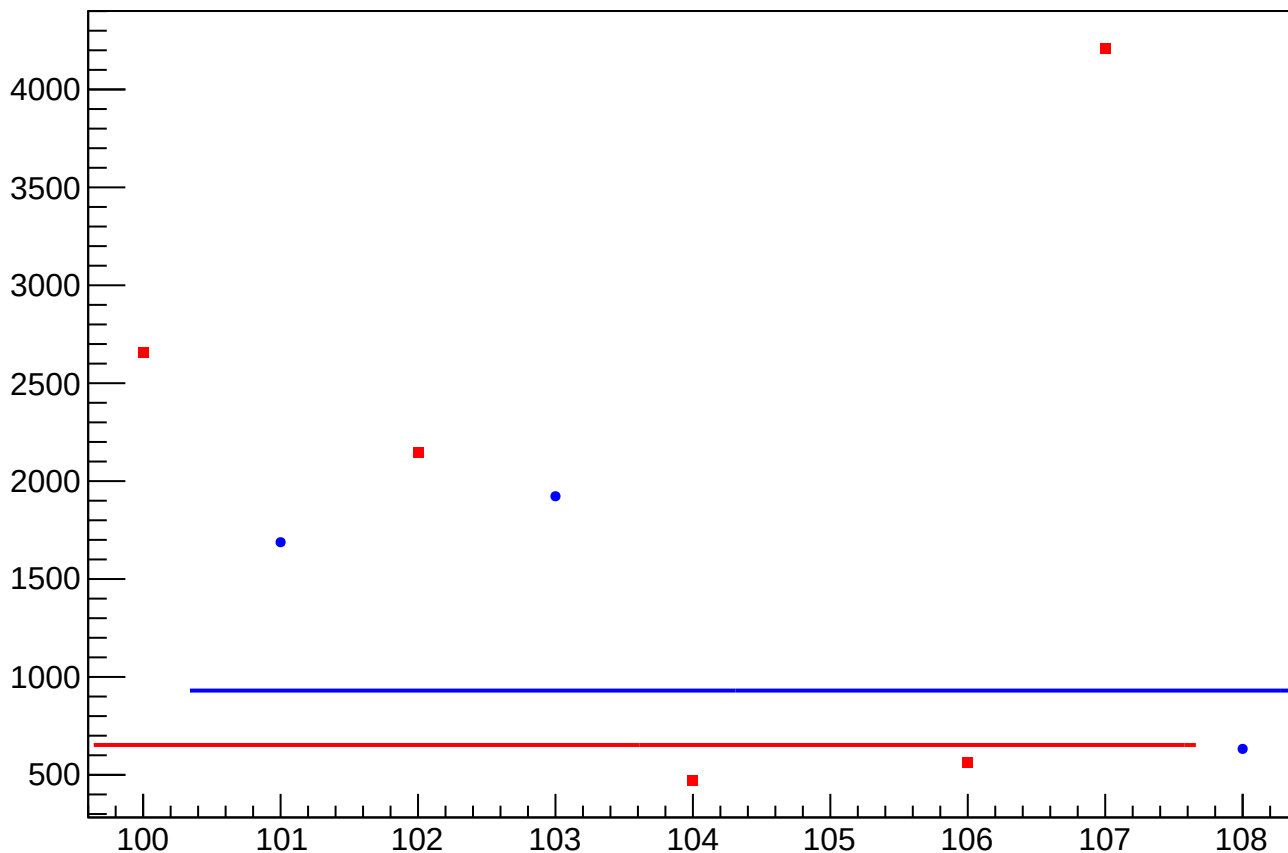
Right: 389.729+/-553.141 χ^2/NDF : 5.6/7

In: -779.261+/-868.164 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 389.729+/-553.141 χ^2/NDF : 5.6/7

asym_us_dd_at1lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 930.407 $\pm$ 0.614 χ^2 /NDF: 670108.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 652.561 $\pm$ 0.507 χ^2 /NDF: 1018049.0/4

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

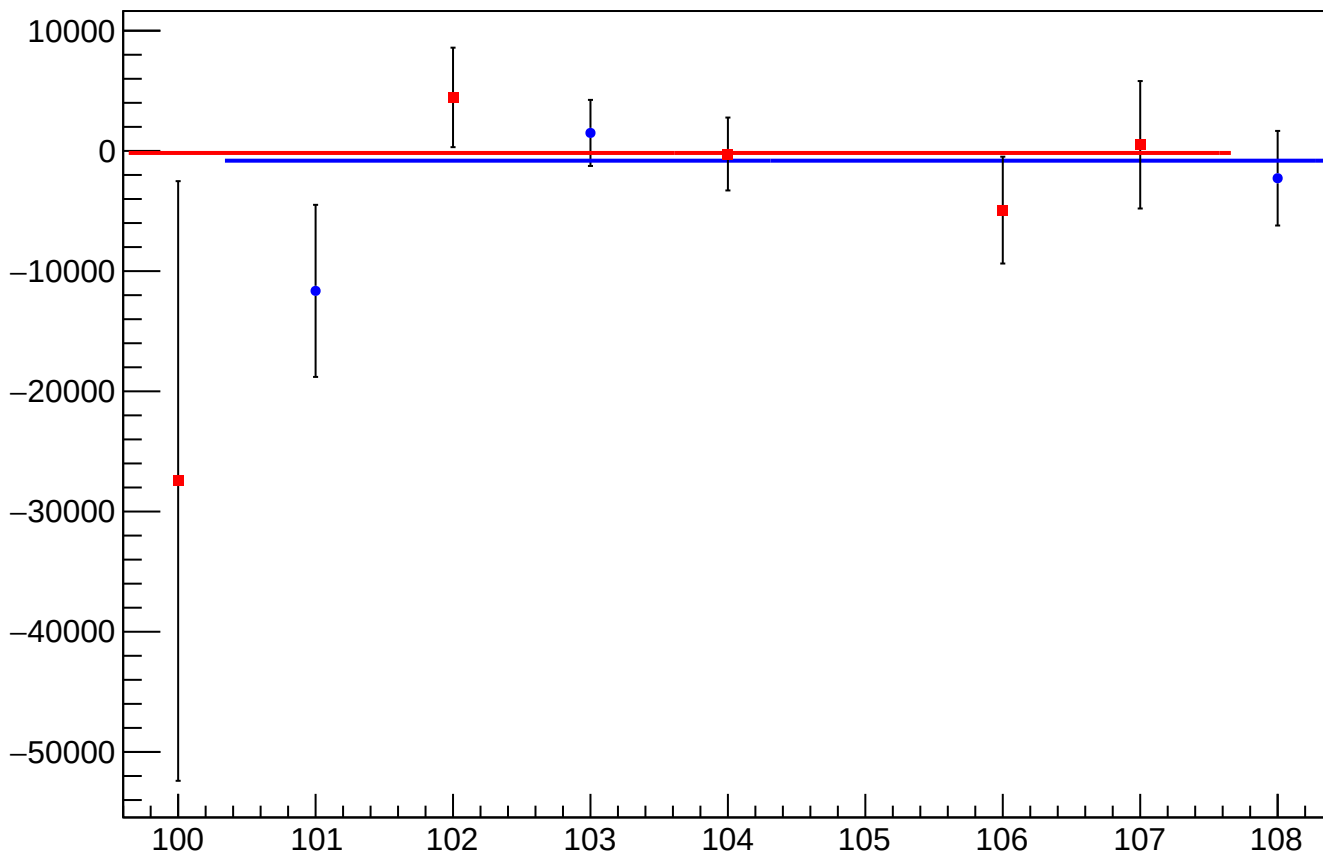
Right: 765.351 $\pm$ 0.391 χ^2 /NDF: 1809849.1/7

In: 930.407 $\pm$ 0.614 χ^2 /NDF:670108.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 765.351 $\pm$ 0.391 χ^2 /NDF: 1809849.1/7

cor_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -812.241+/-2149.216 χ^2/NDF : 3.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -169.864+/-1980.267 χ^2/NDF : 3.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

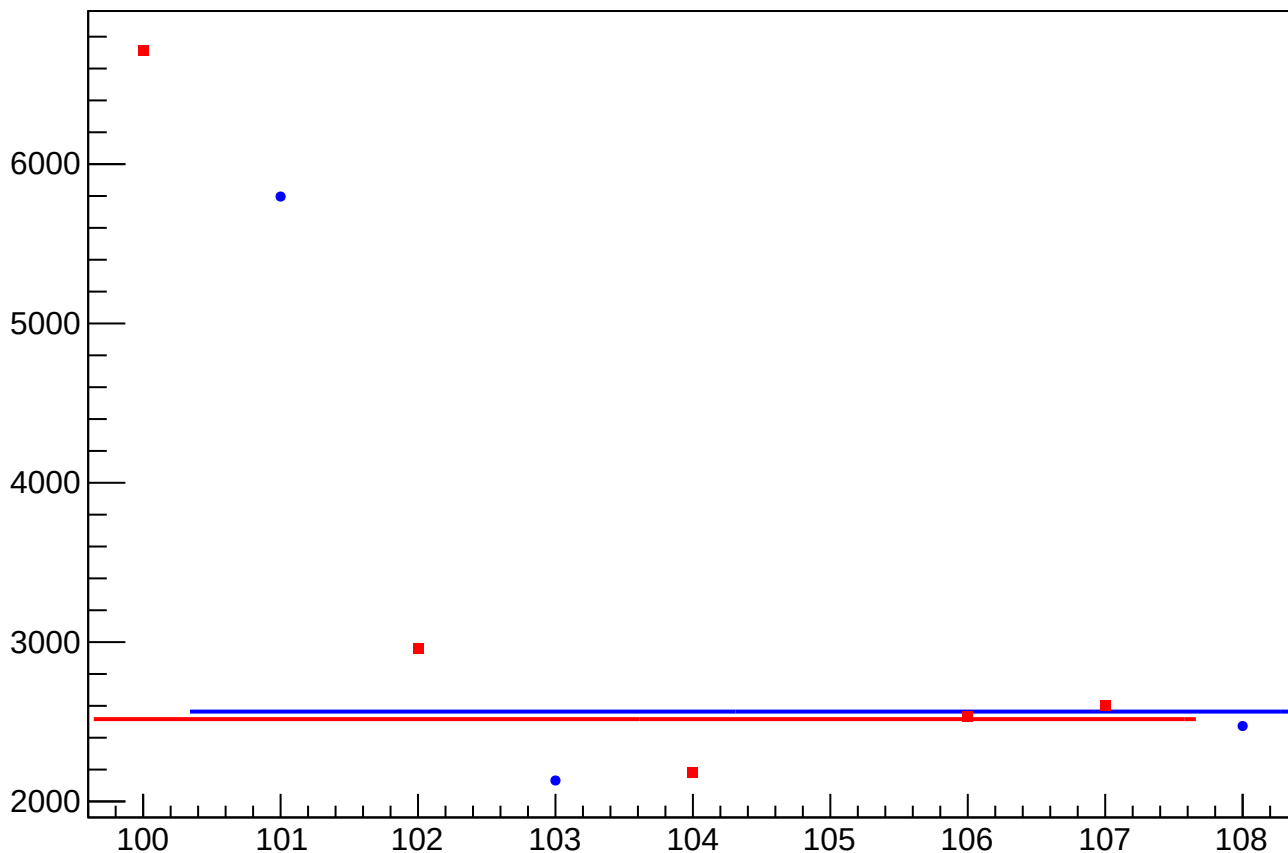
Right: -464.815+/-1456.330 χ^2/NDF : 6.8/7

In: -812.241+/-2149.216 χ^2/NDF : 3.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -464.815+/-1456.330 χ^2/NDF : 6.8/7

cor_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2563.930+/-1.520 χ^2/NDF : 458499.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2516.624+/-1.400 χ^2/NDF : 104363.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

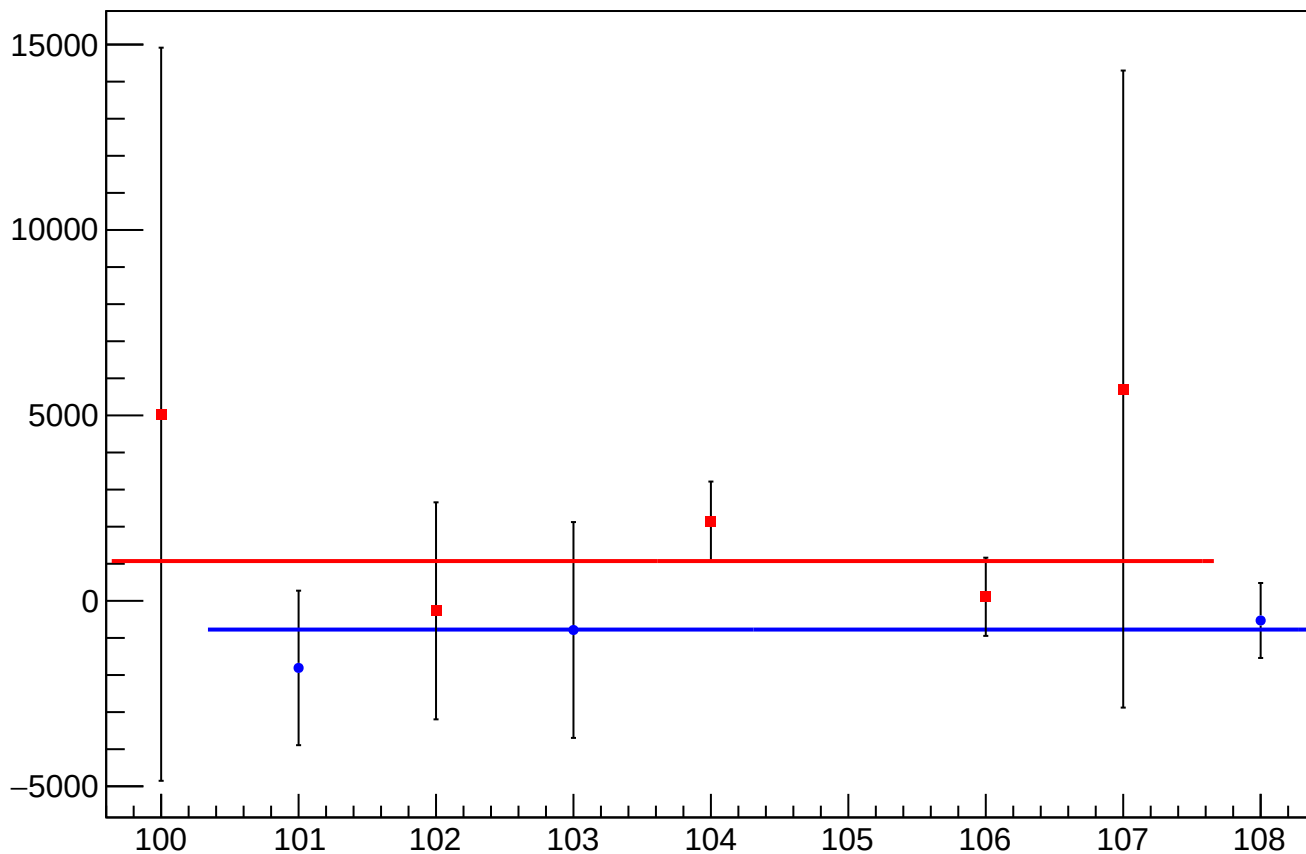
Right: 2538.344+/-1.030 χ^2/NDF : 563387.1/7

In: 2563.930+/-1.520 χ^2/NDF : 458499.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2538.344+/-1.030 χ^2/NDF : 563387.1/7

asym_us_dd_at1lr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -774.241+/-867.994 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1072.732+/-724.942 χ^2/NDF : 2.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

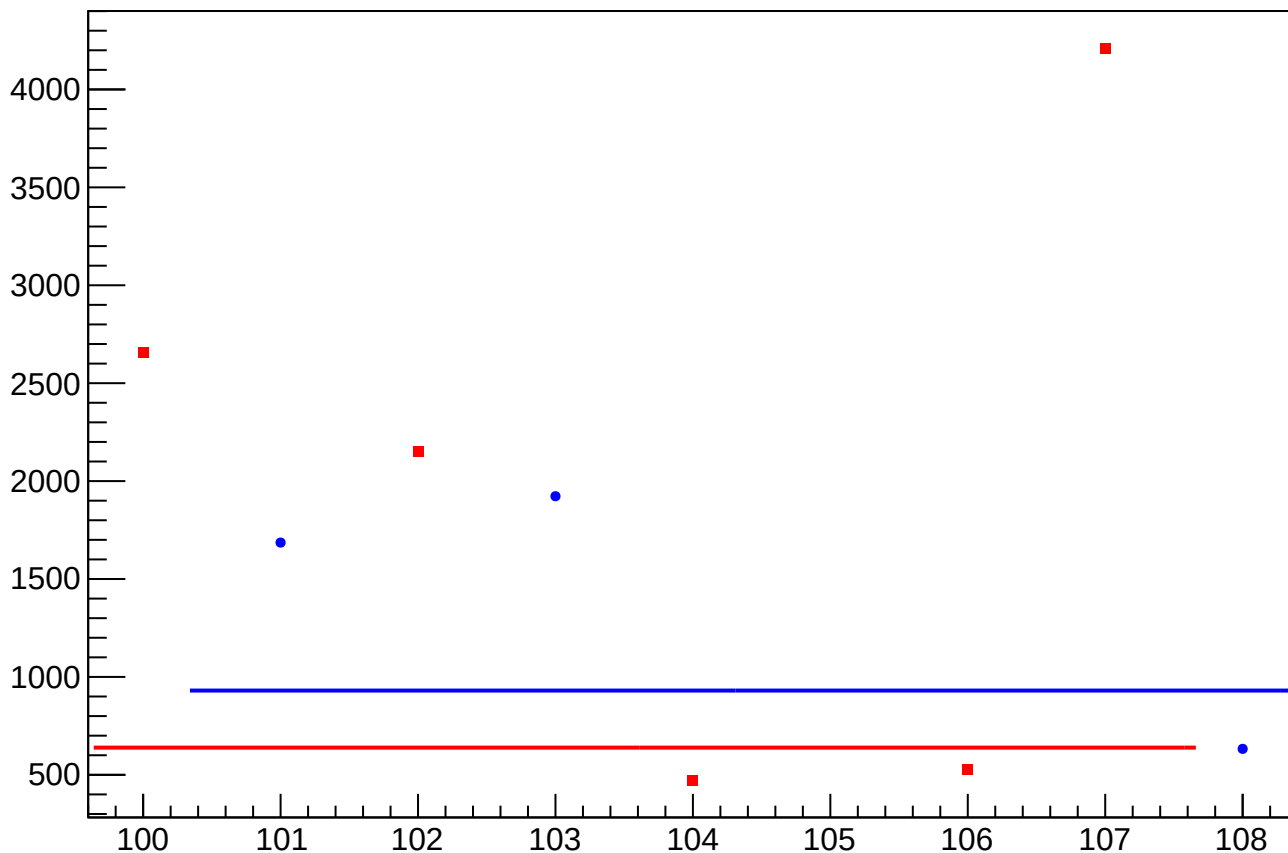
Right: 313.784+/-556.407 χ^2/NDF : 5.5/7

In: -774.241+/-867.994 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 313.784+/-556.407 χ^2/NDF : 5.5/7

asym_us_dd_at1lr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 930.382 $\pm$ 0.614 χ^2 /NDF: 669300.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 639.028 $\pm$ 0.513 χ^2 /NDF: 1032872.7/4

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

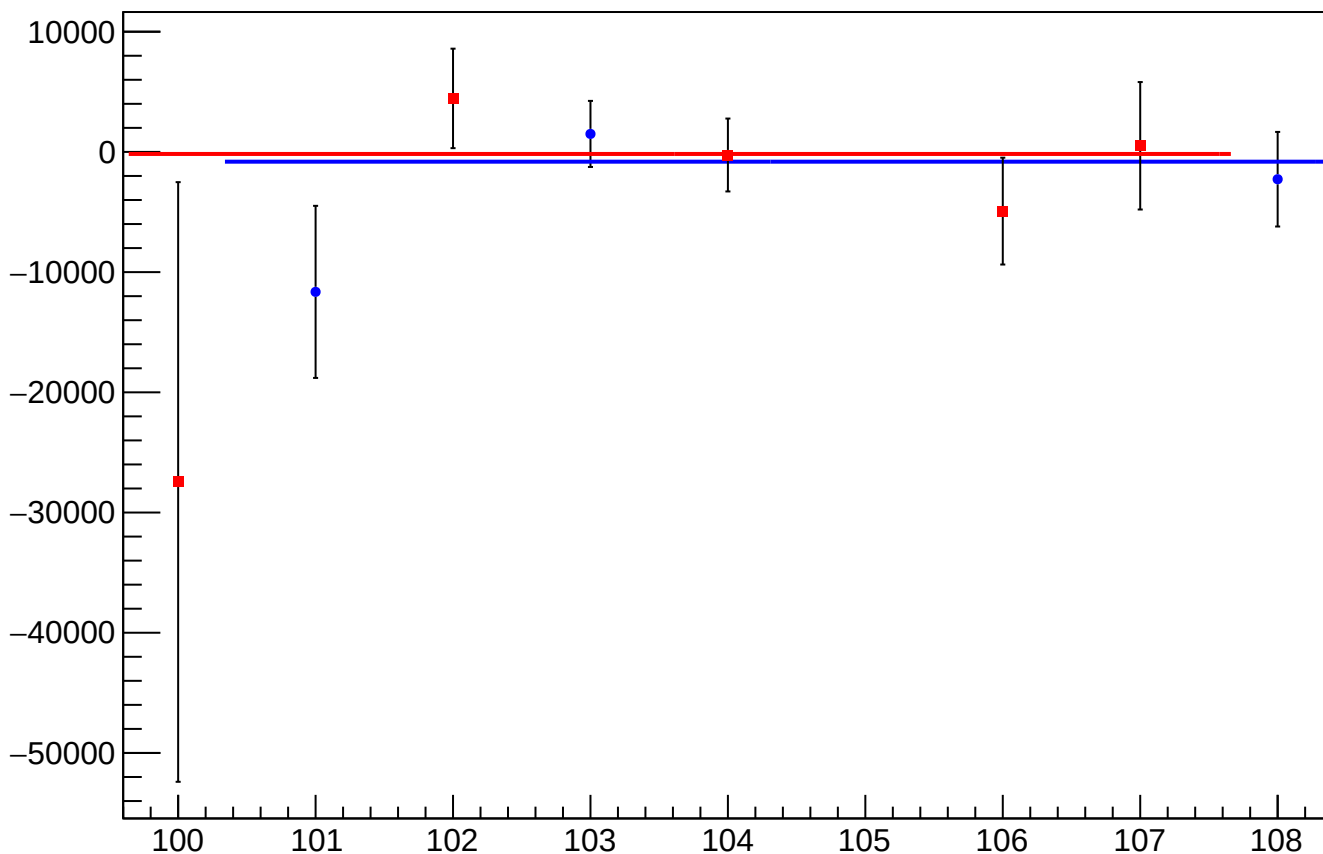
Right: 758.750 $\pm$ 0.393 χ^2 /NDF: 1834918.2/7

In: 930.382 $\pm$ 0.614 χ^2 /NDF:669300.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 758.750 $\pm$ 0.393 χ^2 /NDF: 1834918.2/7

eigen_cor_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -812.241+/-2149.216 χ^2/NDF : 3.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -169.864+/-1980.267 χ^2/NDF : 3.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

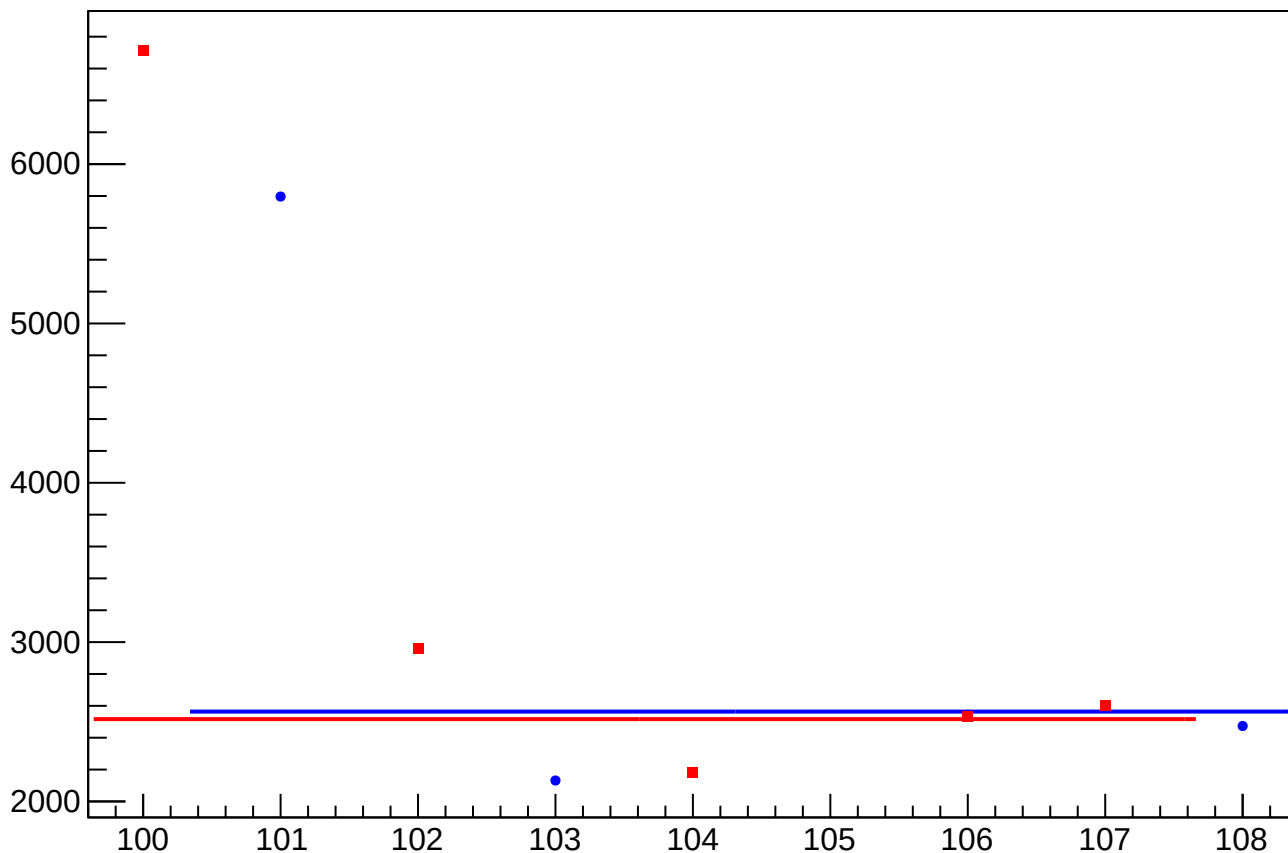
Right: -464.815+/-1456.330 χ^2/NDF : 6.8/7

In: -812.241+/-2149.216 χ^2/NDF : 3.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -464.815+/-1456.330 χ^2/NDF : 6.8/7

eigen_cor_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2563.930+/-1.520 χ^2/NDF : 458499.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2516.624+/-1.400 χ^2/NDF : 104363.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

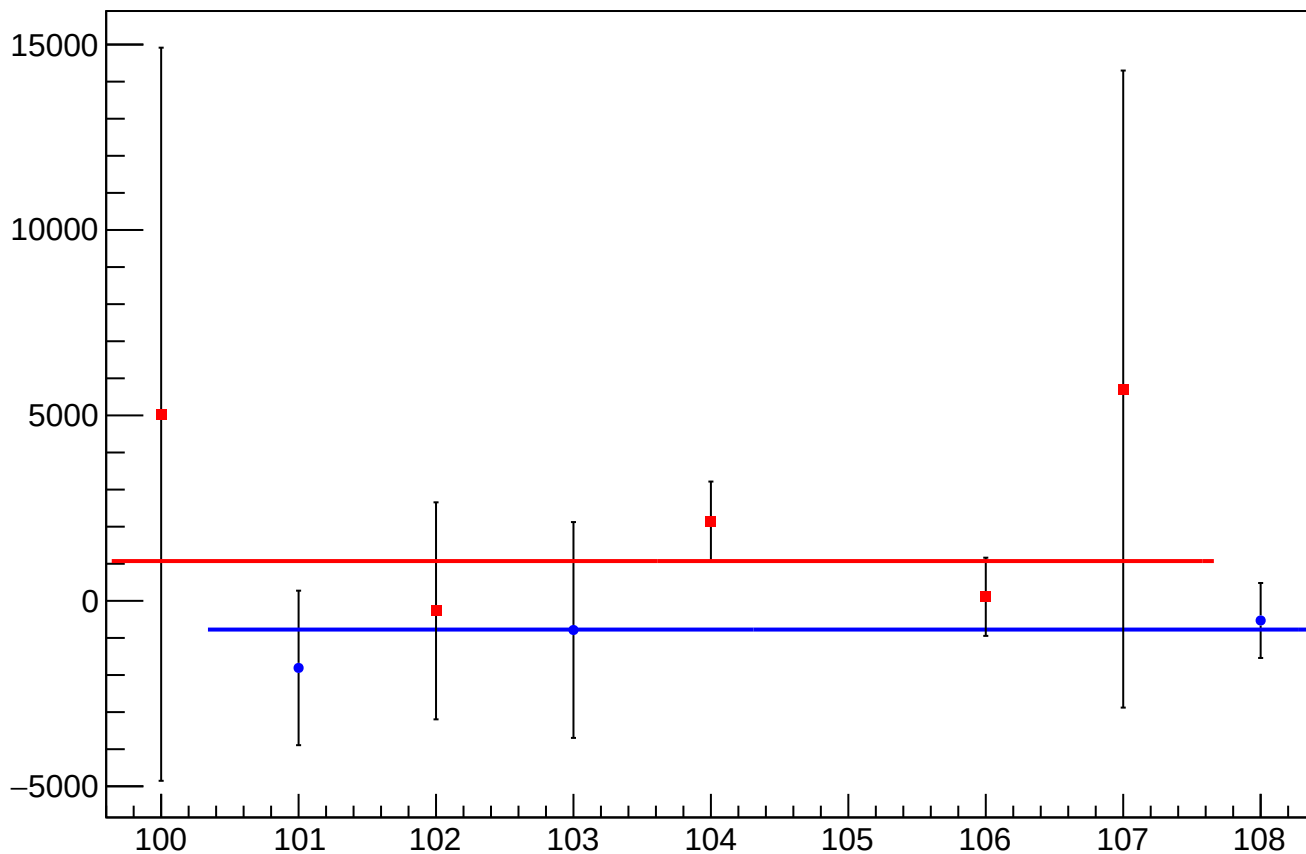
Right: 2538.344+/-1.030 χ^2/NDF : 563387.1/7

In: 2563.930+/-1.520 χ^2/NDF : 458499.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2538.344+/-1.030 χ^2/NDF : 563387.1/7

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -774.241+/-867.994 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1072.732+/-724.942 χ^2/NDF : 2.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

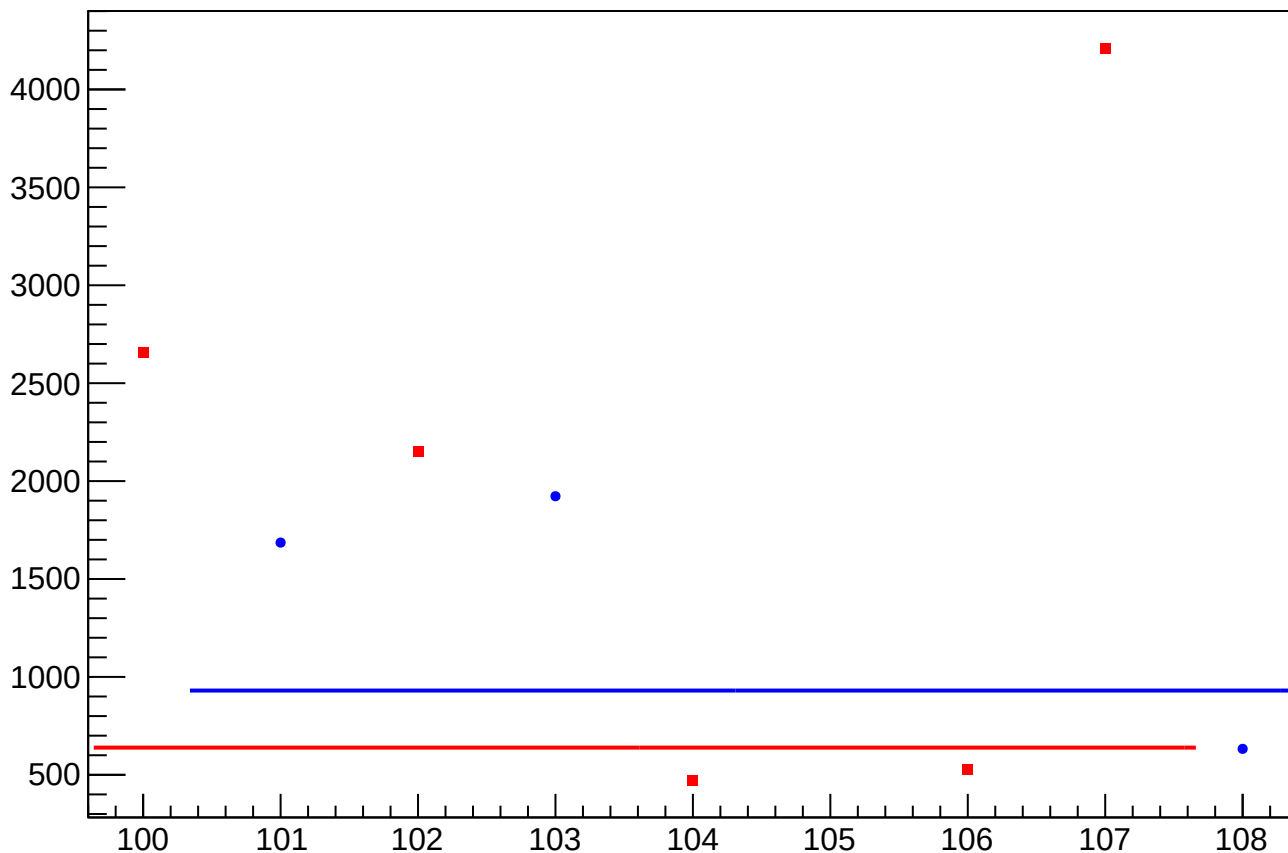
Right: 313.784+/-556.407 χ^2/NDF : 5.5/7

In: -774.241+/-867.994 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 313.784+/-556.407 χ^2/NDF : 5.5/7

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 930.382+/-0.614 χ^2/NDF : 669300.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 639.028+/-0.513 χ^2/NDF : 1032872.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

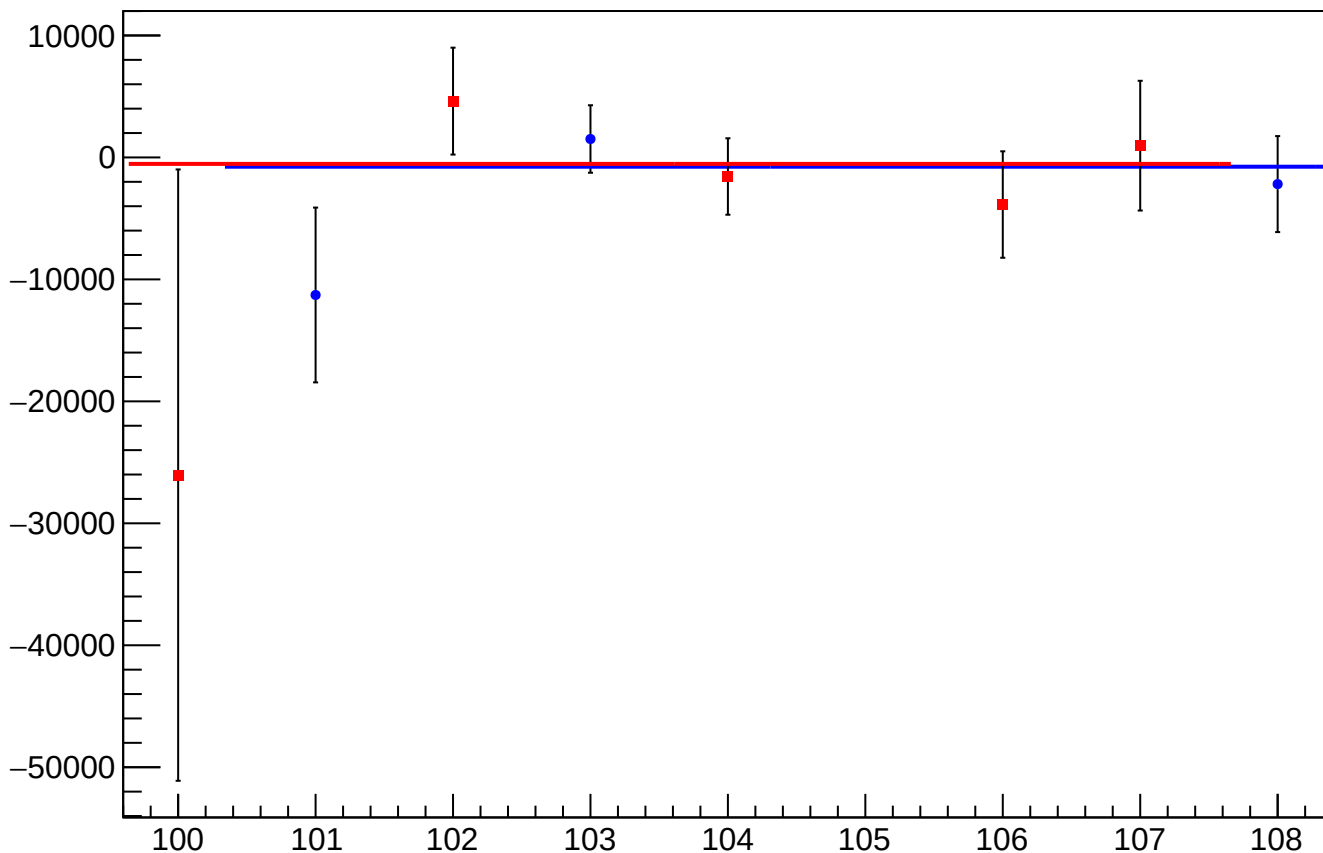
Right: 758.750+/-0.393 χ^2/NDF : 1834918.2/7

In: 930.382+/-0.614 χ^2/NDF : 669300.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 758.750+/-0.393 χ^2/NDF : 1834918.2/7

dit_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -760.198+/-2158.379 χ^2/NDF : 3.0/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -530.187+/-2027.488 χ^2/NDF : 3.2/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

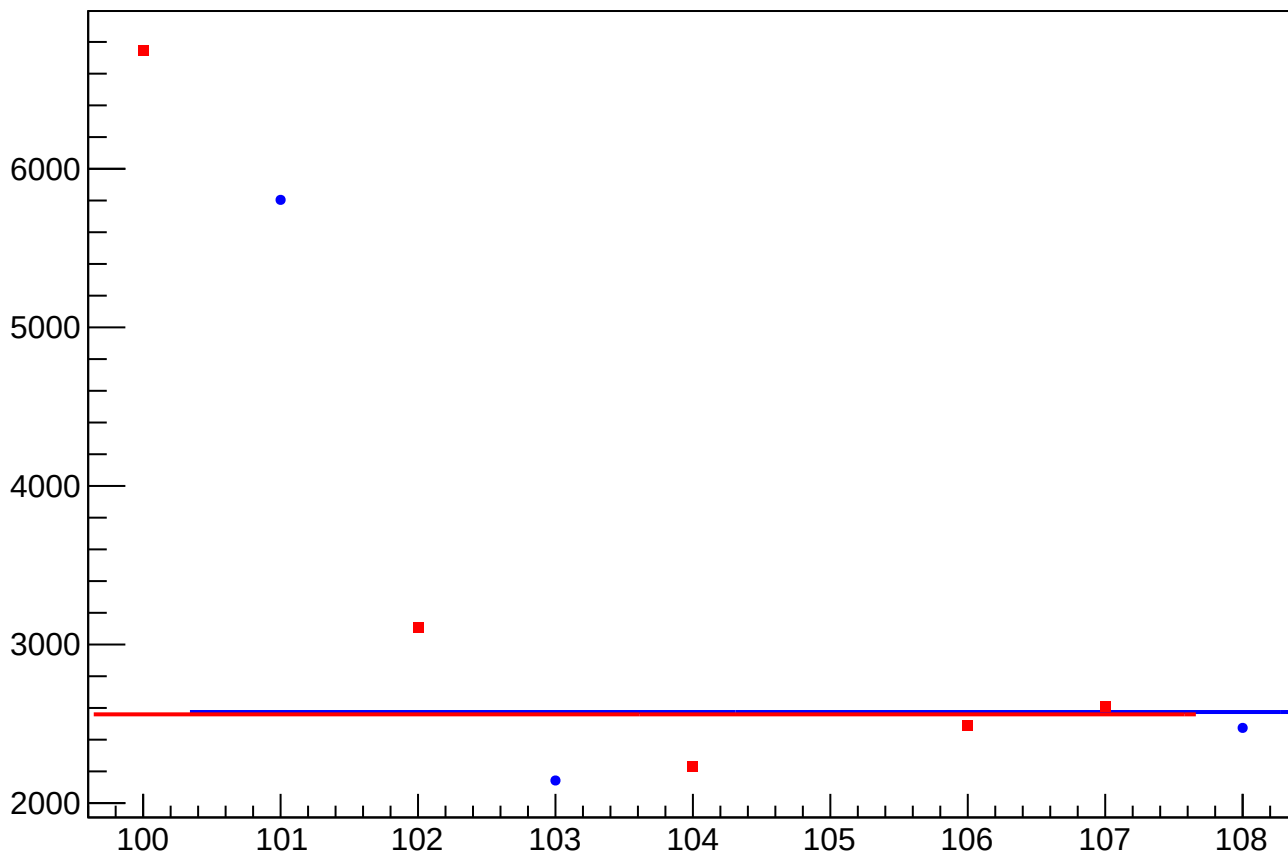
Right: -638.007+/-1477.758 χ^2/NDF : 6.2/7

In: -760.198+/-2158.379 χ^2/NDF :3.0/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -638.007+/-1477.758 χ^2/NDF : 6.2/7

dit_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2574.388+/-1.526 χ^2/NDF : 456145.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2559.684+/-1.434 χ^2/NDF : 110113.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

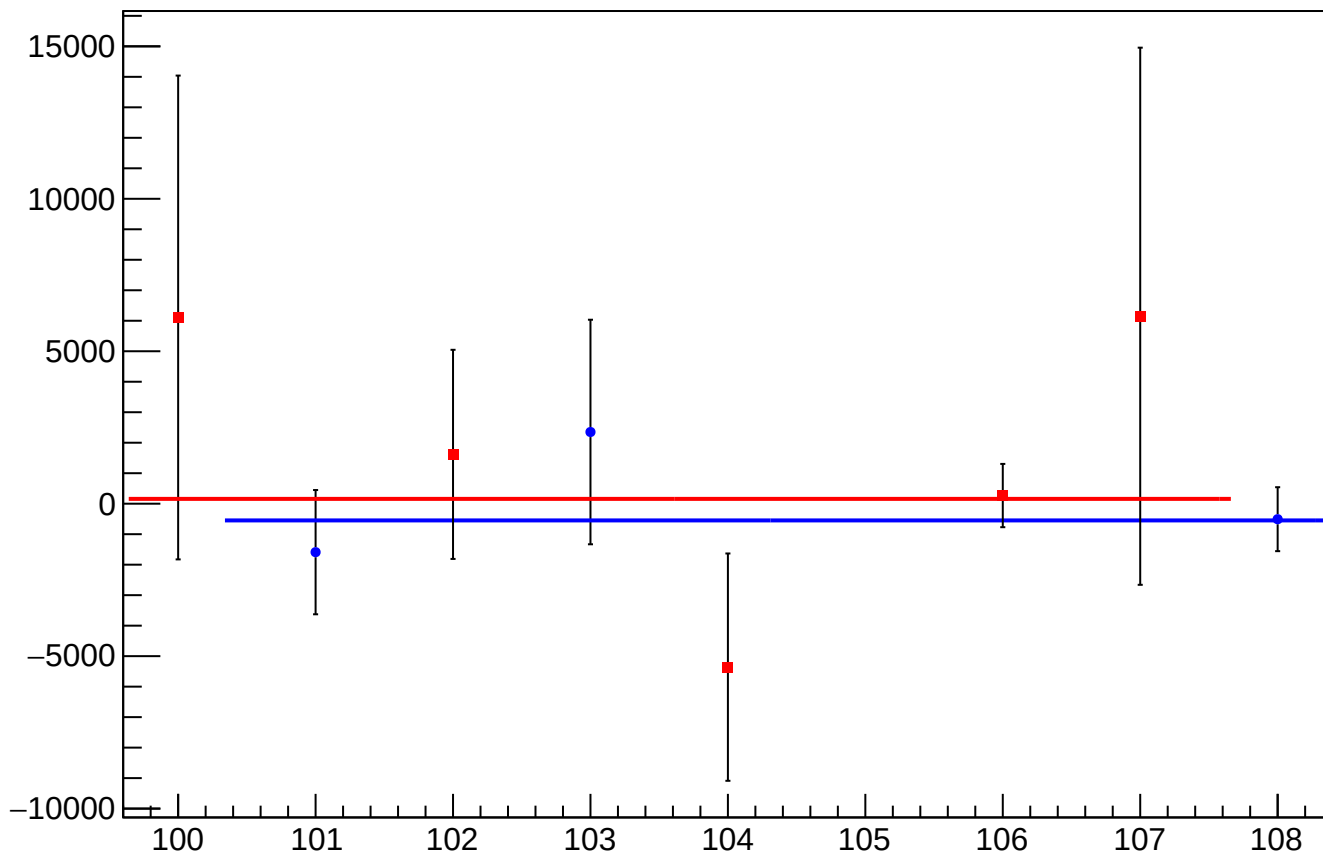
Right: 2566.576+/-1.045 χ^2/NDF : 566308.5/7

In: 2574.388+/-1.526 χ^2/NDF : 456145.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2566.576+/-1.045 χ^2/NDF : 566308.5/7

asym_us_dd_at1lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -548.401+/-903.876 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.939+/-947.347 χ^2/NDF : 3.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

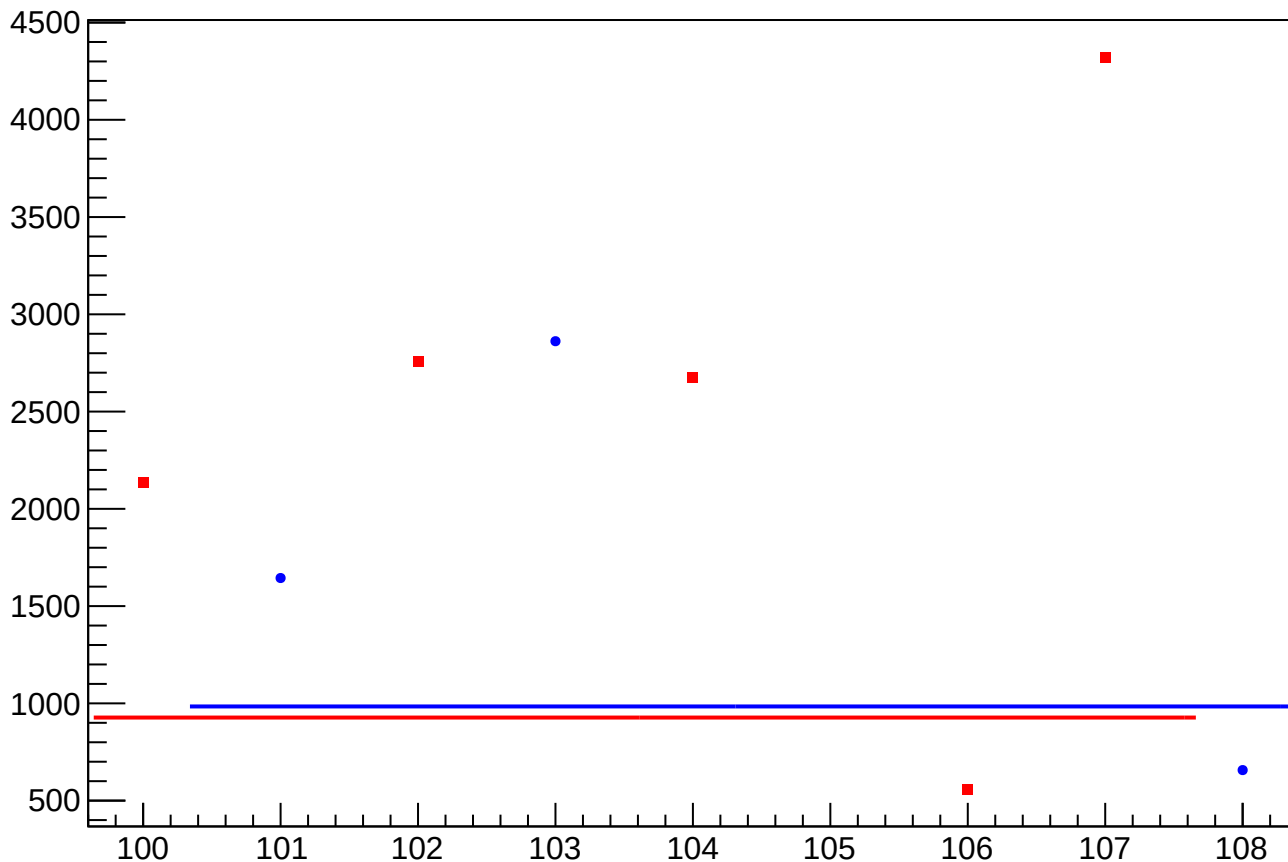
Right: -211.808+/-653.965 χ^2/NDF : 4.6/7

In: -548.401+/-903.876 χ^2/NDF : 0.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -211.808+/-653.965 χ^2/NDF : 4.6/7

asym_us_dd_at1lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 984.104+/-0.639 χ^2/NDF : 924588.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 927.049+/-0.670 χ^2/NDF : 1606202.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

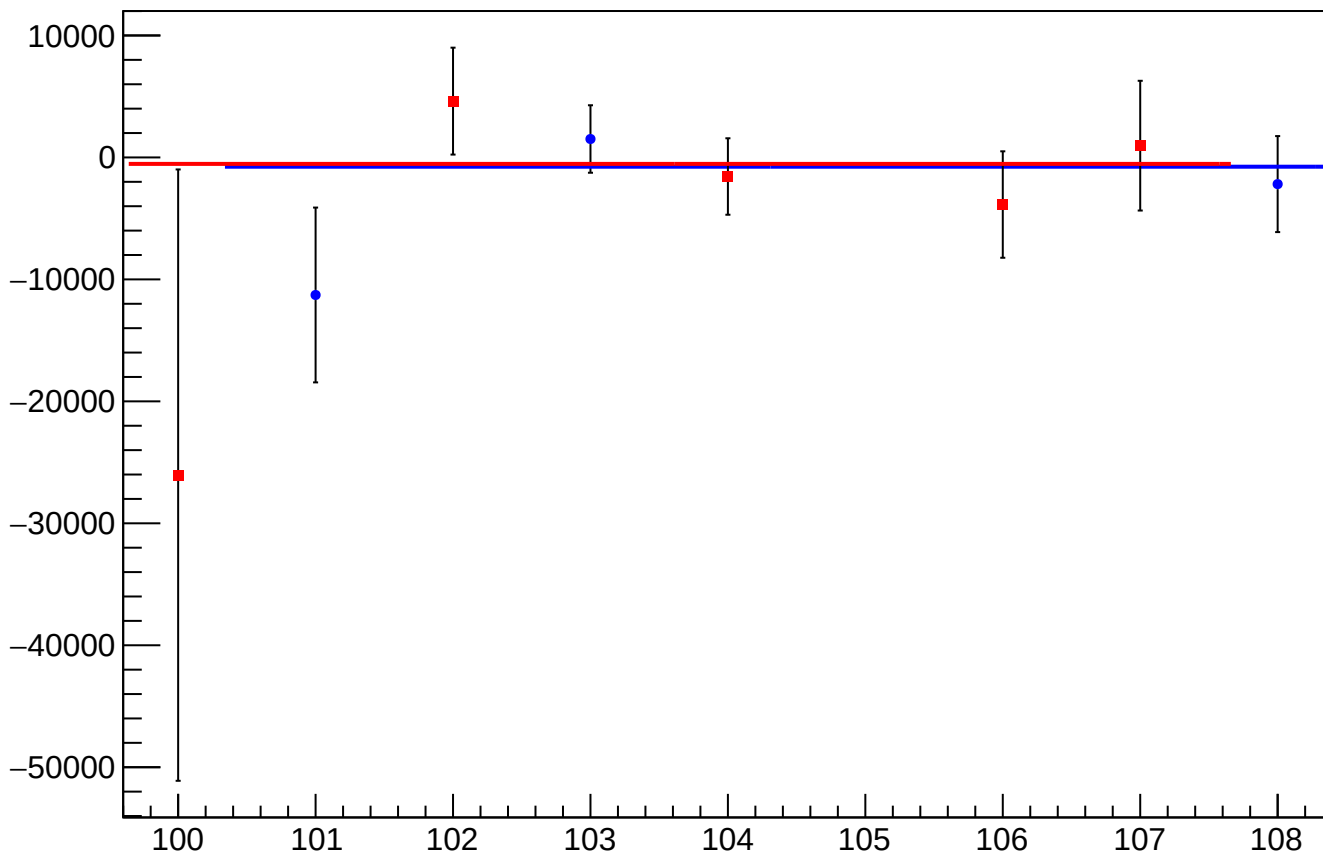
Right: 956.916+/-0.462 χ^2/NDF : 2534588.2/7

In: 984.104+/-0.639 χ^2/NDF : 924588.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 956.916+/-0.462 χ^2/NDF : 2534588.2/7

eigen_dit_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -760.197+/-2158.379 χ^2/NDF : 3.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -530.187+/-2027.488 χ^2/NDF : 3.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

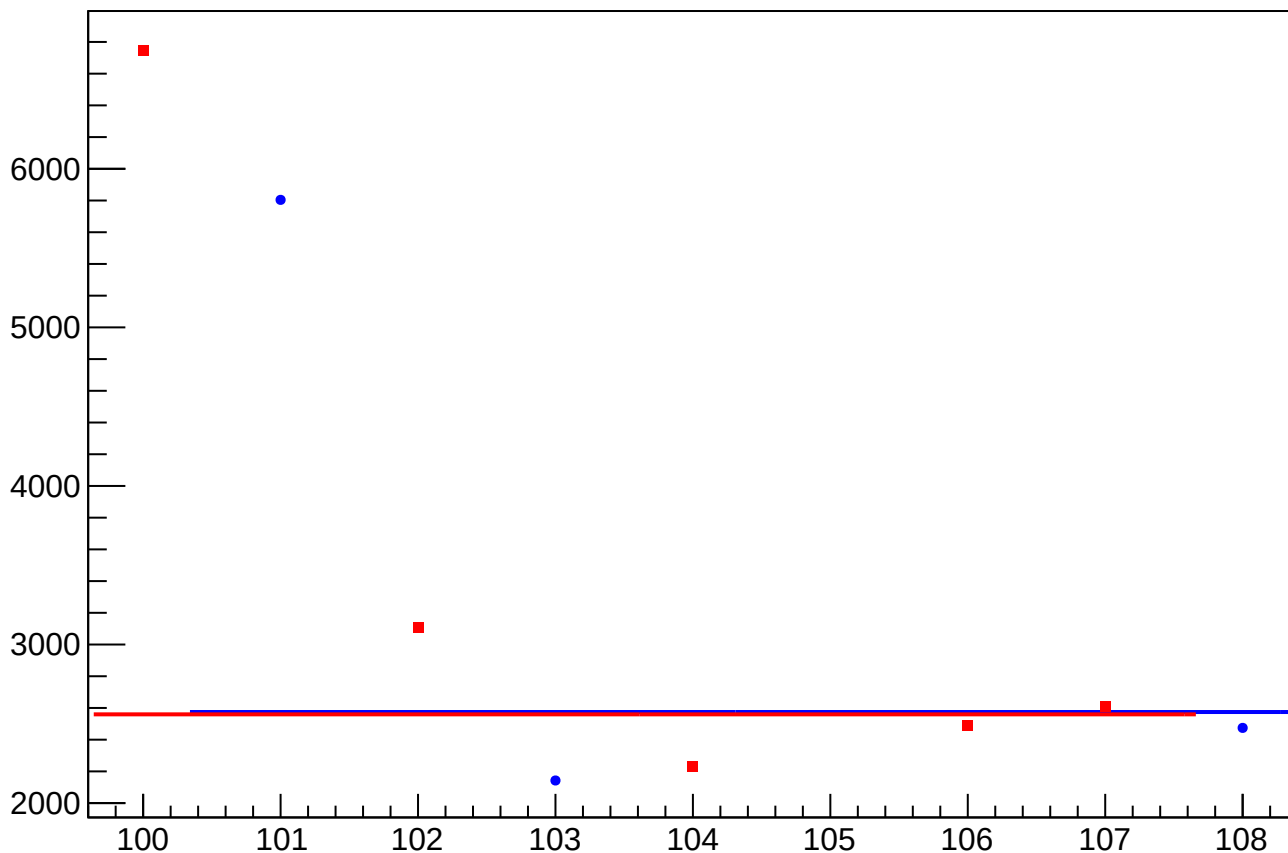
Right: -638.007+/-1477.758 χ^2/NDF : 6.2/7

In: -760.197+/-2158.379 χ^2/NDF : 3.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -638.007+/-1477.758 χ^2/NDF : 6.2/7

eigen_dit_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2574.387+/-1.526 χ^2/NDF : 456145.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2559.683+/-1.434 χ^2/NDF : 110113.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

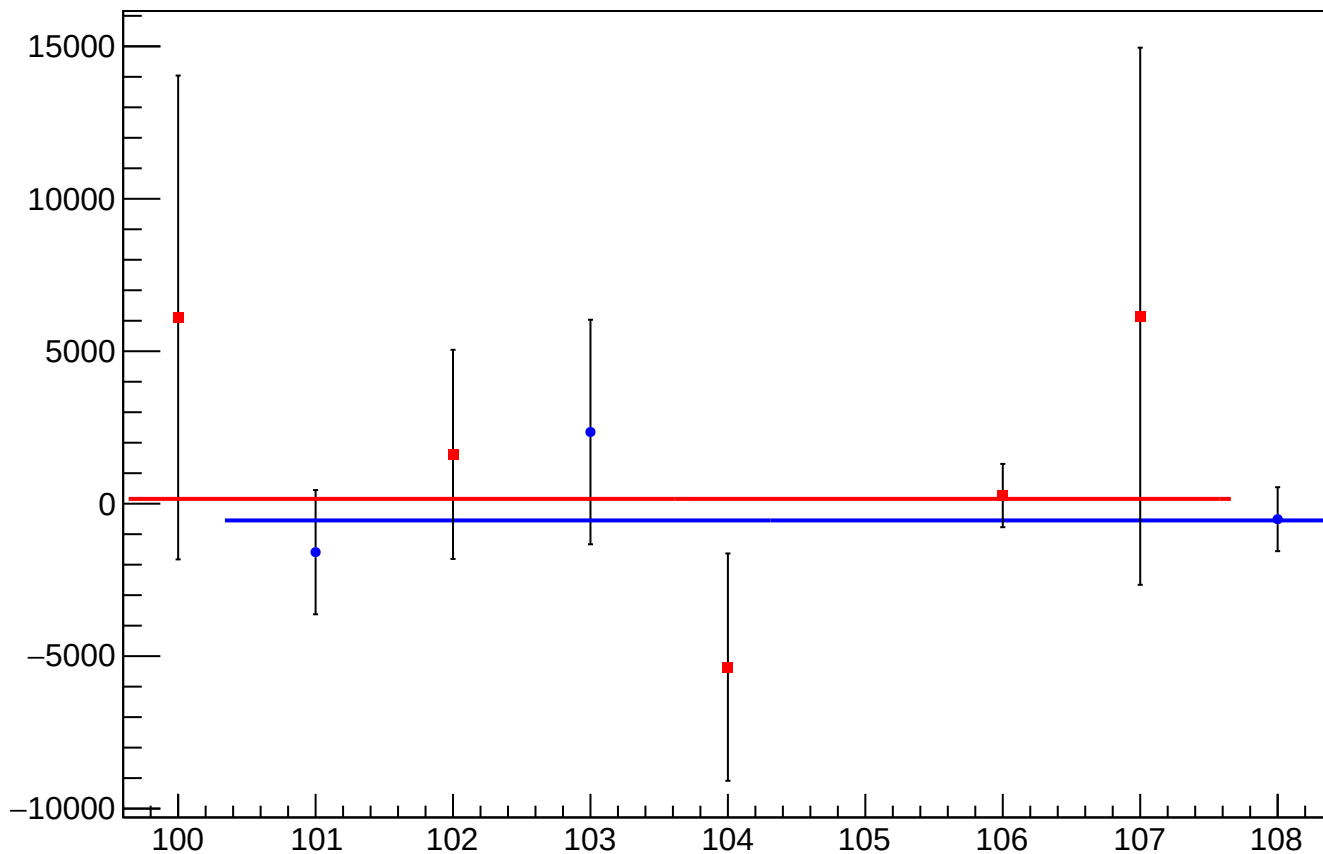
Right: 2566.576+/-1.045 χ^2/NDF : 566308.5/7

In: 2574.387+/-1.526 χ^2/NDF : 456145.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2566.576+/-1.045 χ^2/NDF : 566308.5/7

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -548.400+/-903.879 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.947+/-947.349 χ^2/NDF : 3.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

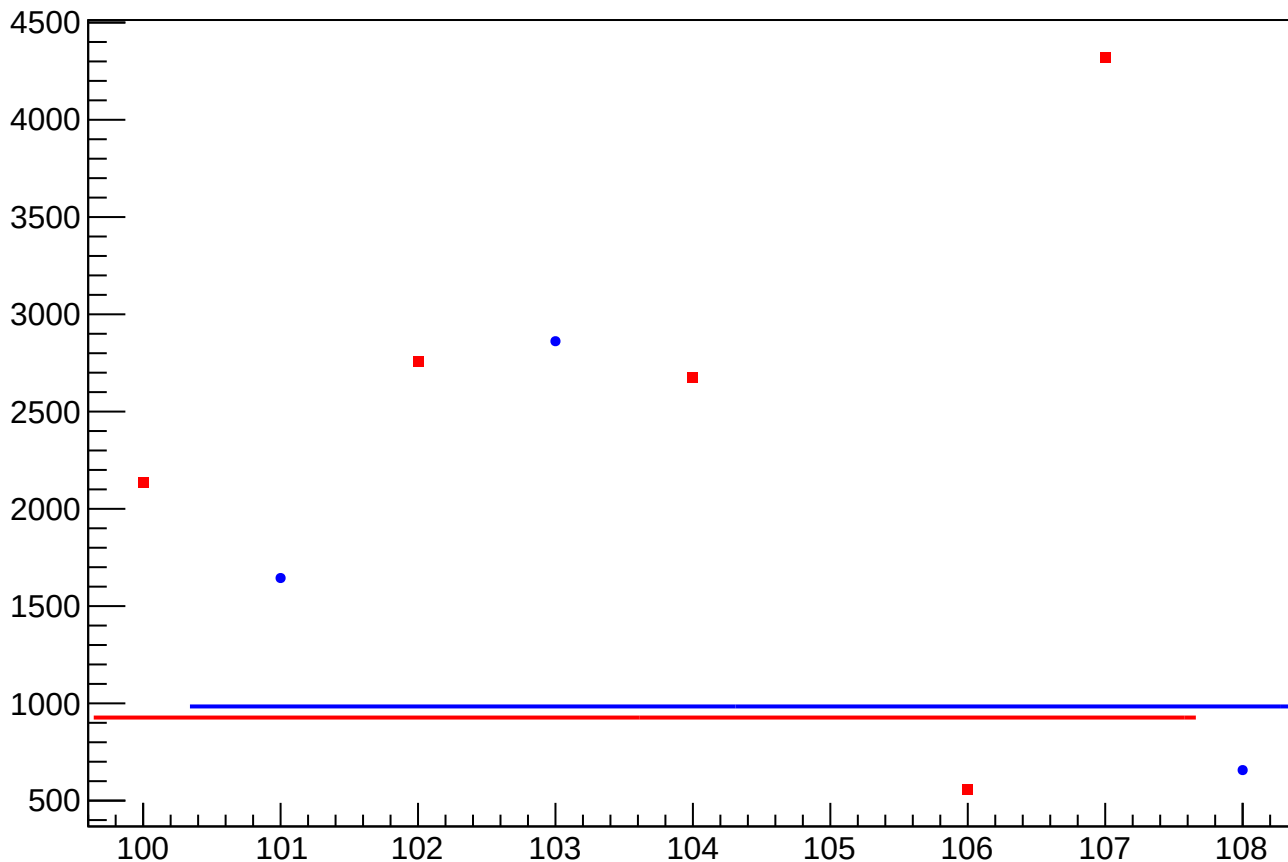
Right: -211.803+/-653.967 χ^2/NDF : 4.6/7

In: -548.400+/-903.879 χ^2/NDF : 0.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -211.803+/-653.967 χ^2/NDF : 4.6/7

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 984.109+/-0.639 χ^2/NDF : 924584.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 927.052+/-0.670 χ^2/NDF : 1606199.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

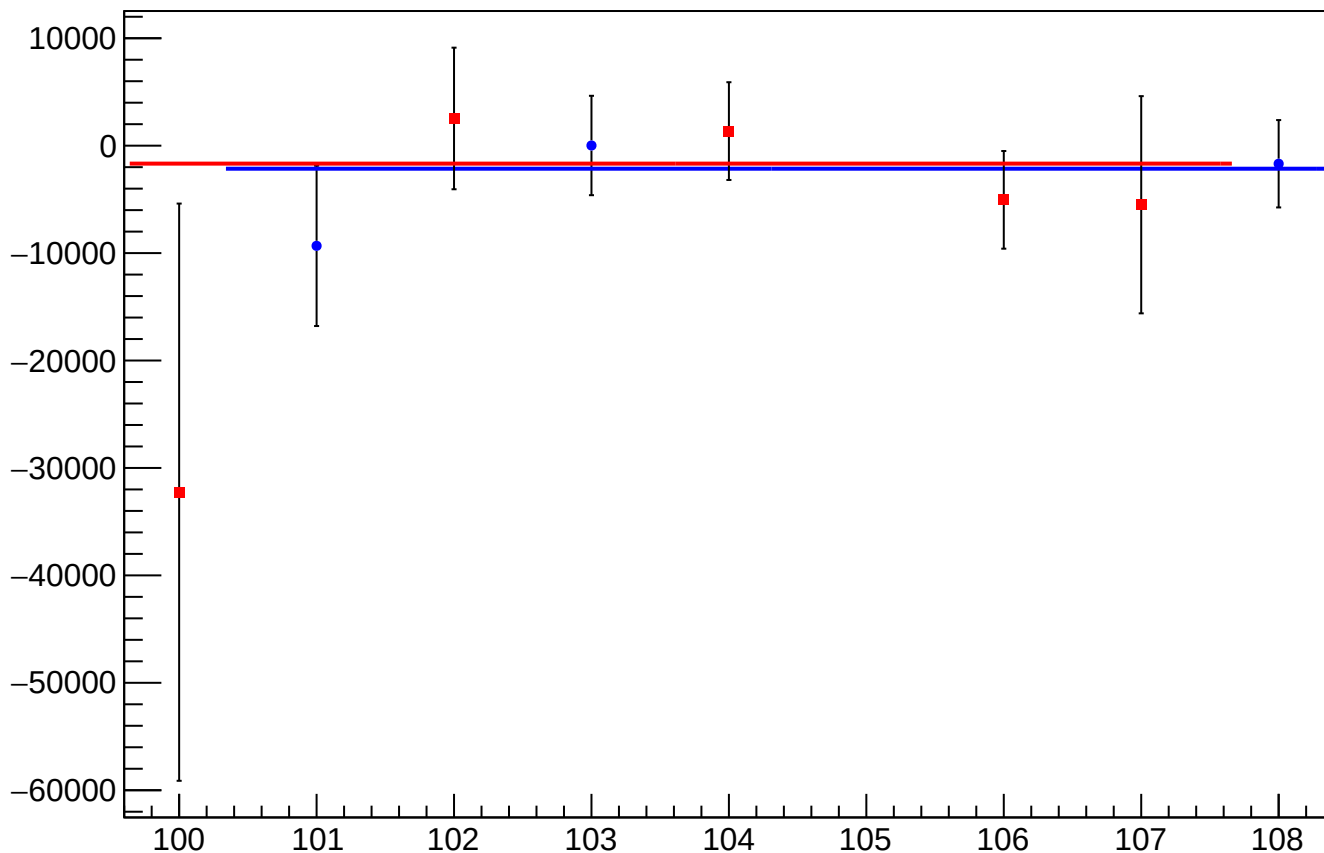
Right: 956.919+/-0.462 χ^2/NDF : 2534580.7/7

In: 984.109+/-0.639 χ^2/NDF : 924584.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 956.919+/-0.462 χ^2/NDF : 2534580.7/7

asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -2145.453+/-2826.724 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1670.812+/-2763.936 χ^2/NDF : 2.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

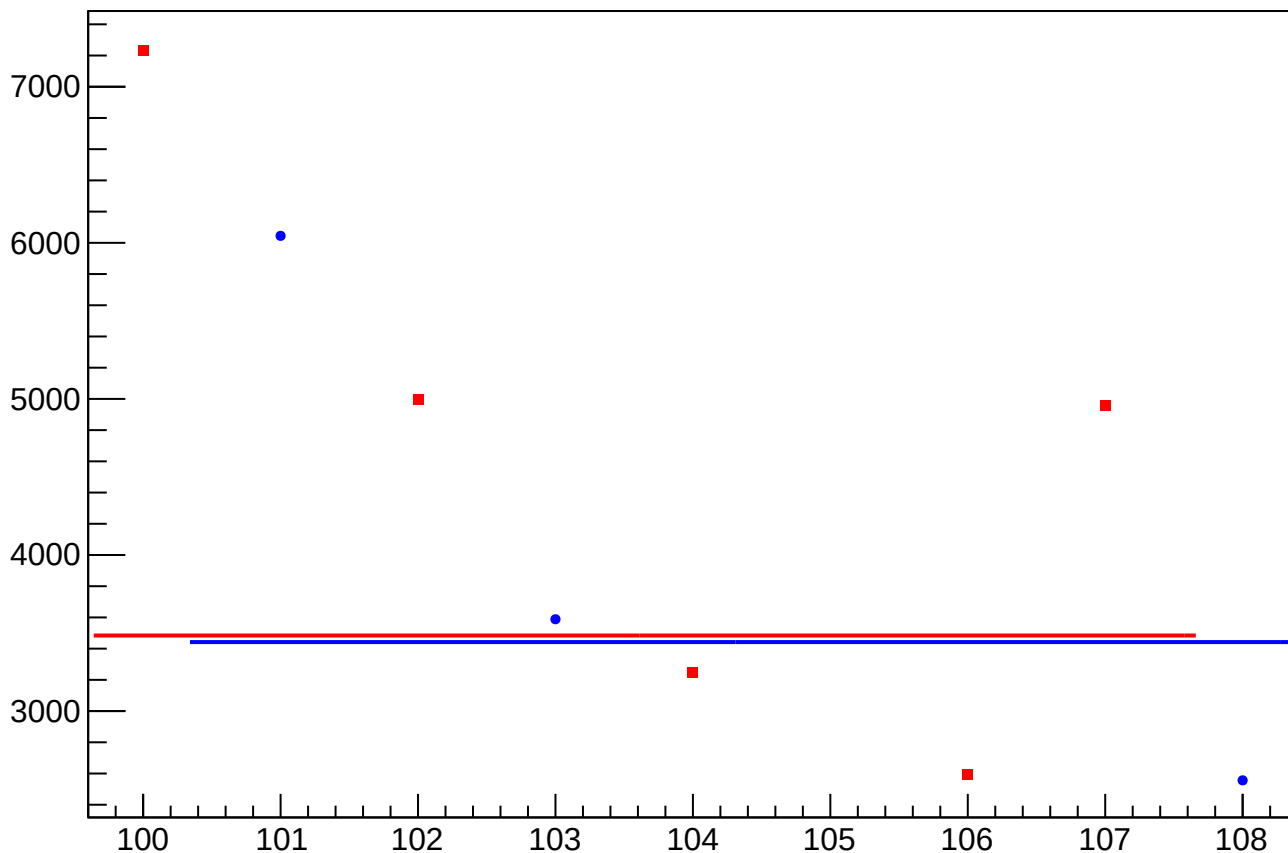
Right: -1902.802+/-1976.223 χ^2/NDF : 4.0/7

In: -2145.453+/-2826.724 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1902.802+/-1976.223 χ^2/NDF : 4.0/7

asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3442.049+/-1.999 χ^2/NDF : 340139.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3484.189+/-1.954 χ^2/NDF : 269005.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

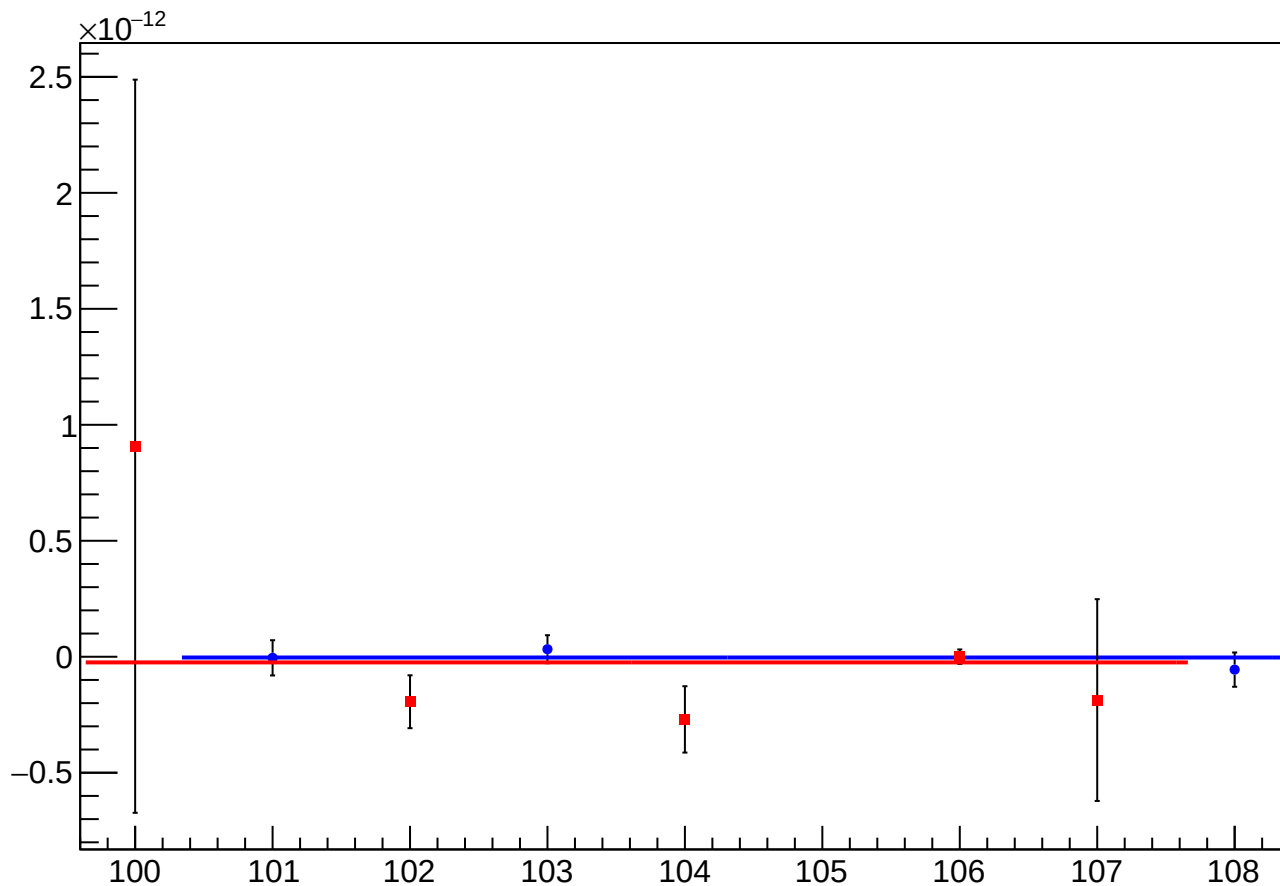
Right: 3463.593+/-1.397 χ^2/NDF : 609371.8/7

In: 3442.049+/-1.999 χ^2/NDF : 340139.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3463.593+/-1.397 χ^2/NDF : 609371.8/7

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

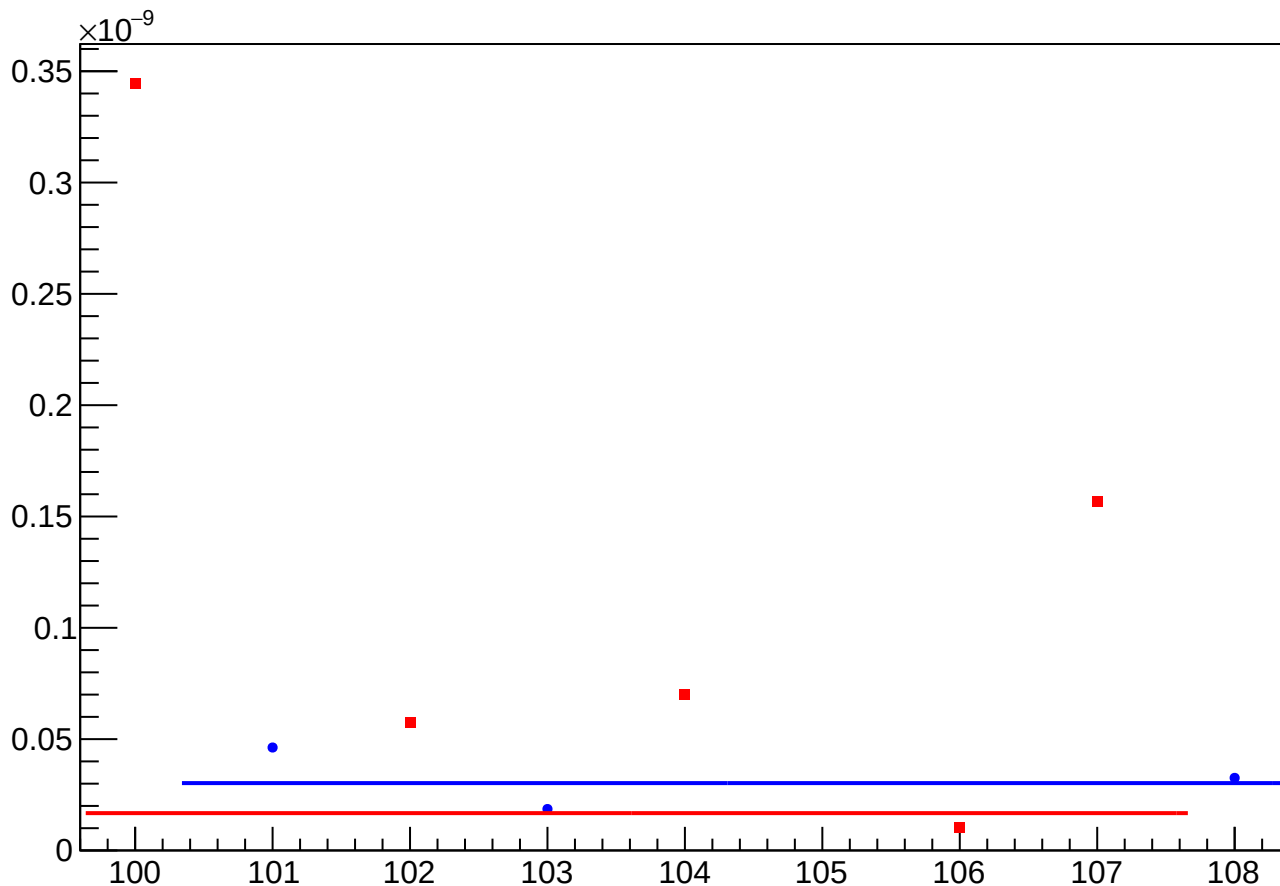
Right: -0.000+/-0.000 χ^2/NDF : 7.3/7

In: -0.000+/-0.000 χ^2/NDF : 0.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.3/7

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 165272.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 909452.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

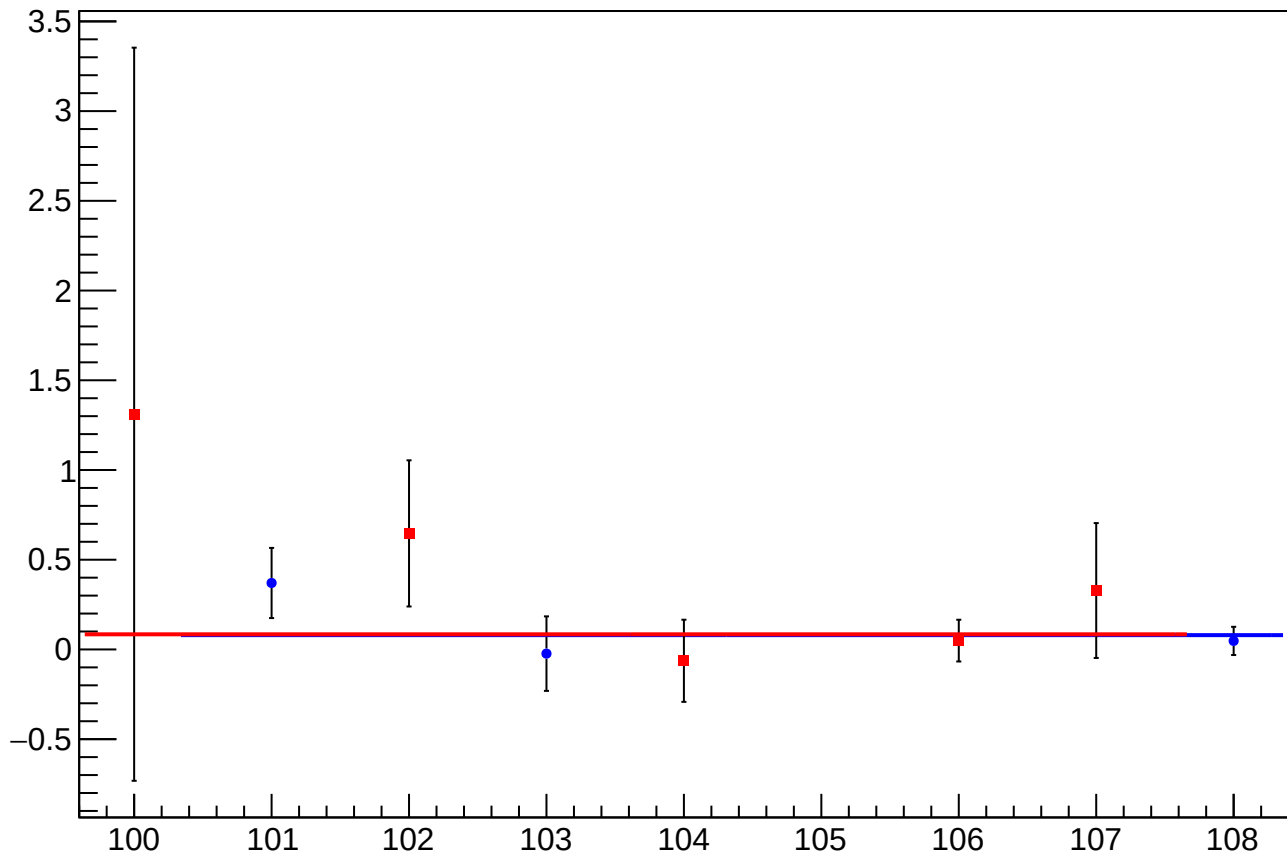
Right: 0.000+/-0.000 χ^2/NDF : 1223670.0/7

In: 0.000+/-0.000 χ^2/NDF : 165272.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1223670.0/7

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.080 $\pm$ 0.069 χ^2 /NDF: 2.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.084 $\pm$ 0.097 χ^2 /NDF: 3.2/4

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

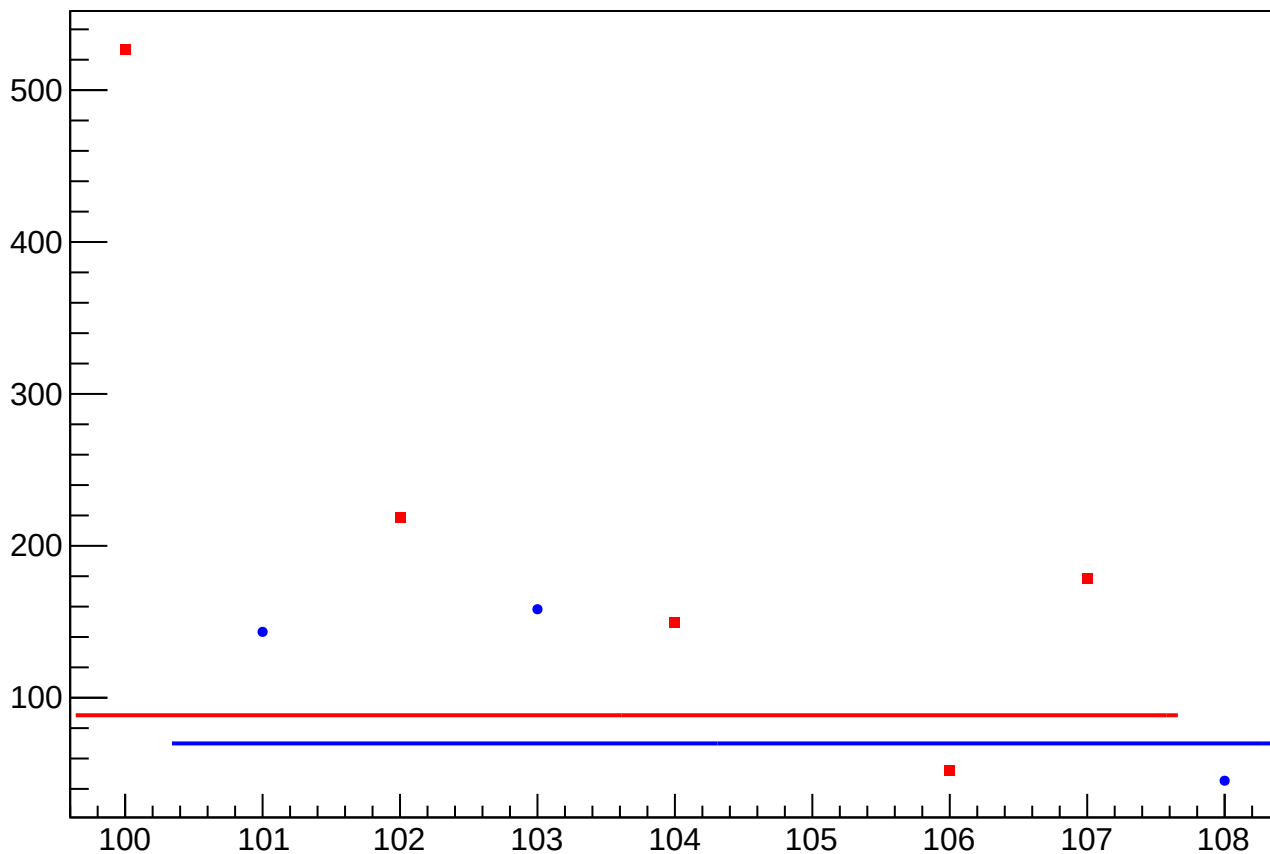
Right: 0.081 $\pm$ 0.056 χ^2 /NDF: 5.8/7

In: 0.080 $\pm$ 0.069 χ^2 /NDF:2.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.081 $\pm$ 0.056 χ^2 /NDF: 5.8/7

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 69.924+/-0.049 χ^2/NDF : 839442.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.485+/-0.069 χ^2/NDF : 752217.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

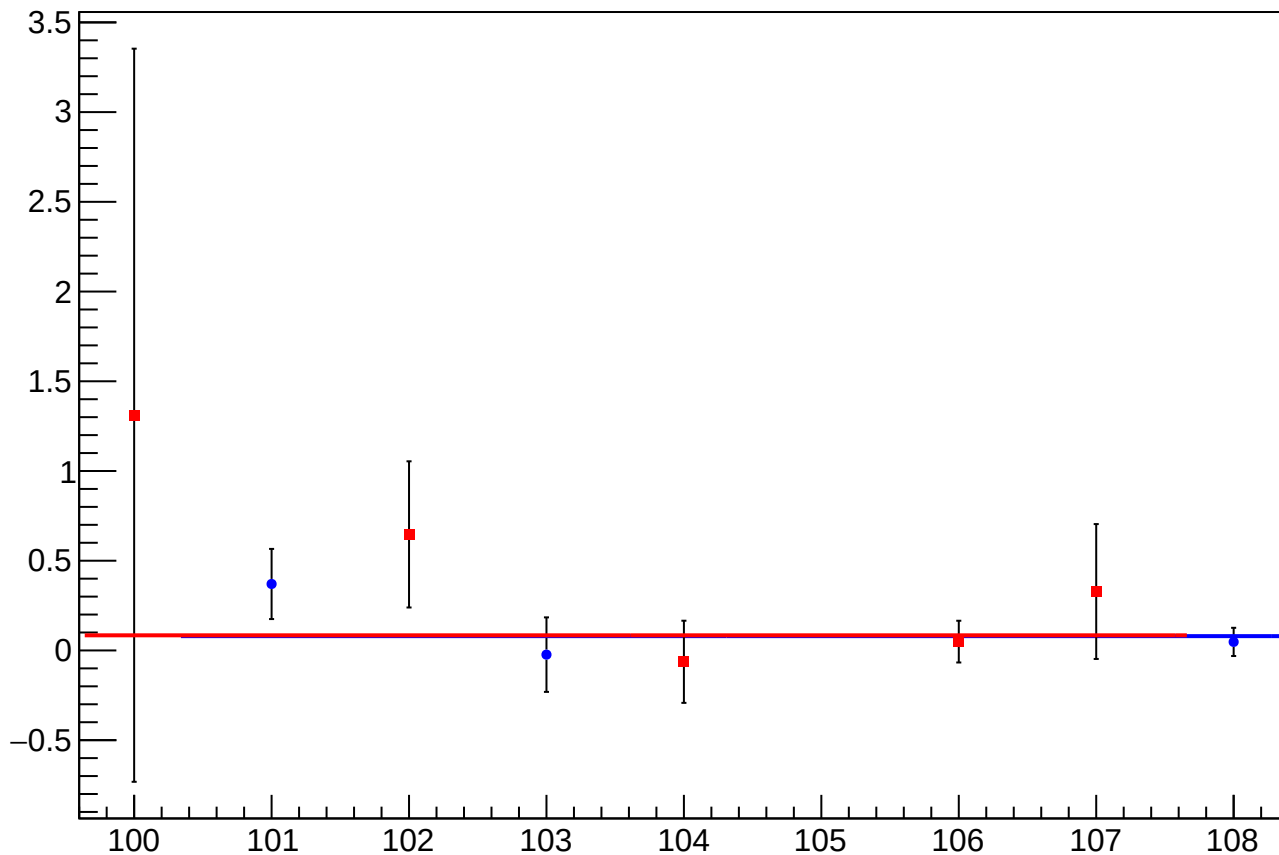
Right: 76.140+/-0.040 χ^2/NDF : 1640397.9/7

In: 69.924+/-0.049 χ^2/NDF : 839442.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.140+/-0.040 χ^2/NDF : 1640397.9/7

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.080+/-0.069 χ^2/NDF : 2.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.084+/-0.097 χ^2/NDF : 3.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

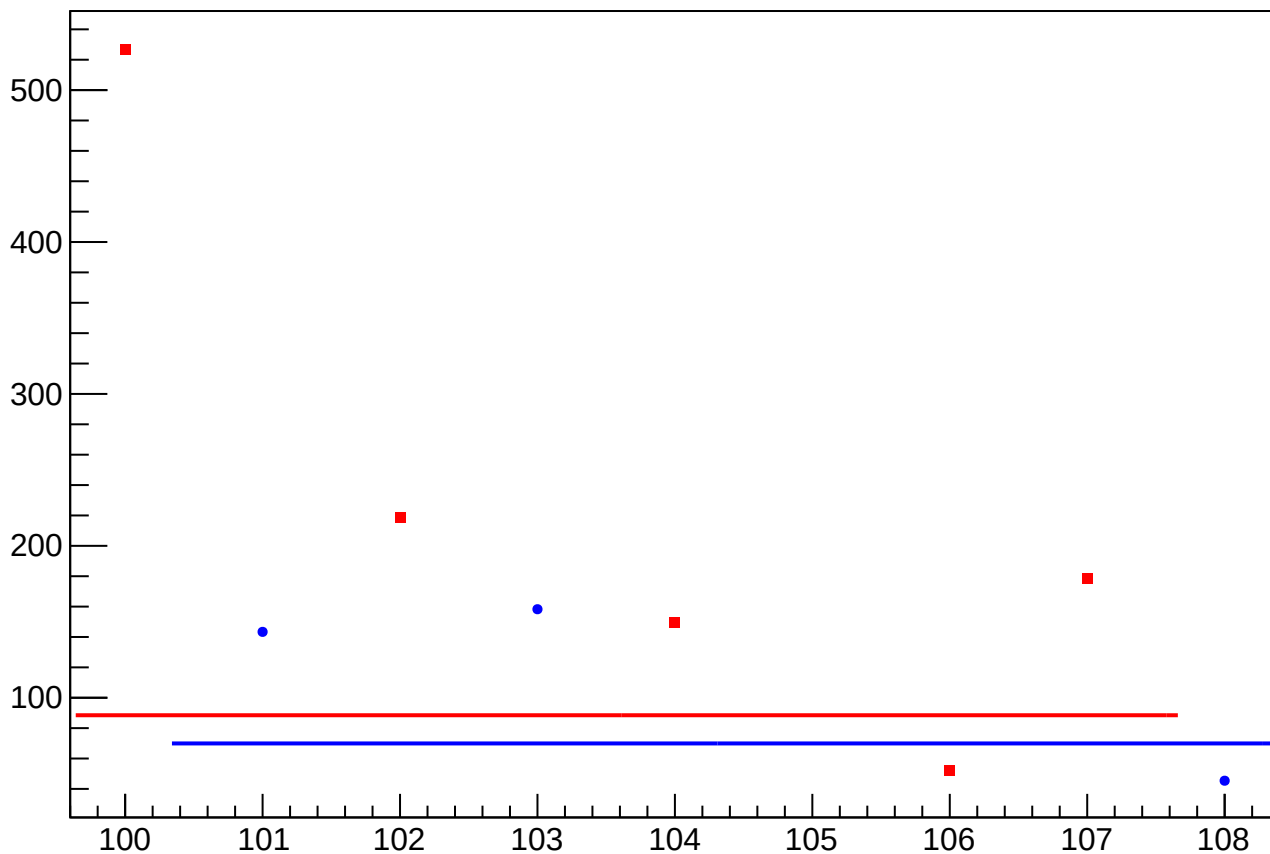
Right: 0.081+/-0.056 χ^2/NDF : 5.8/7

In: 0.080+/-0.069 χ^2/NDF : 2.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.081+/-0.056 χ^2/NDF : 5.8/7

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 69.924+/-0.049 χ^2/NDF : 839442.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.485+/-0.069 χ^2/NDF : 752217.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

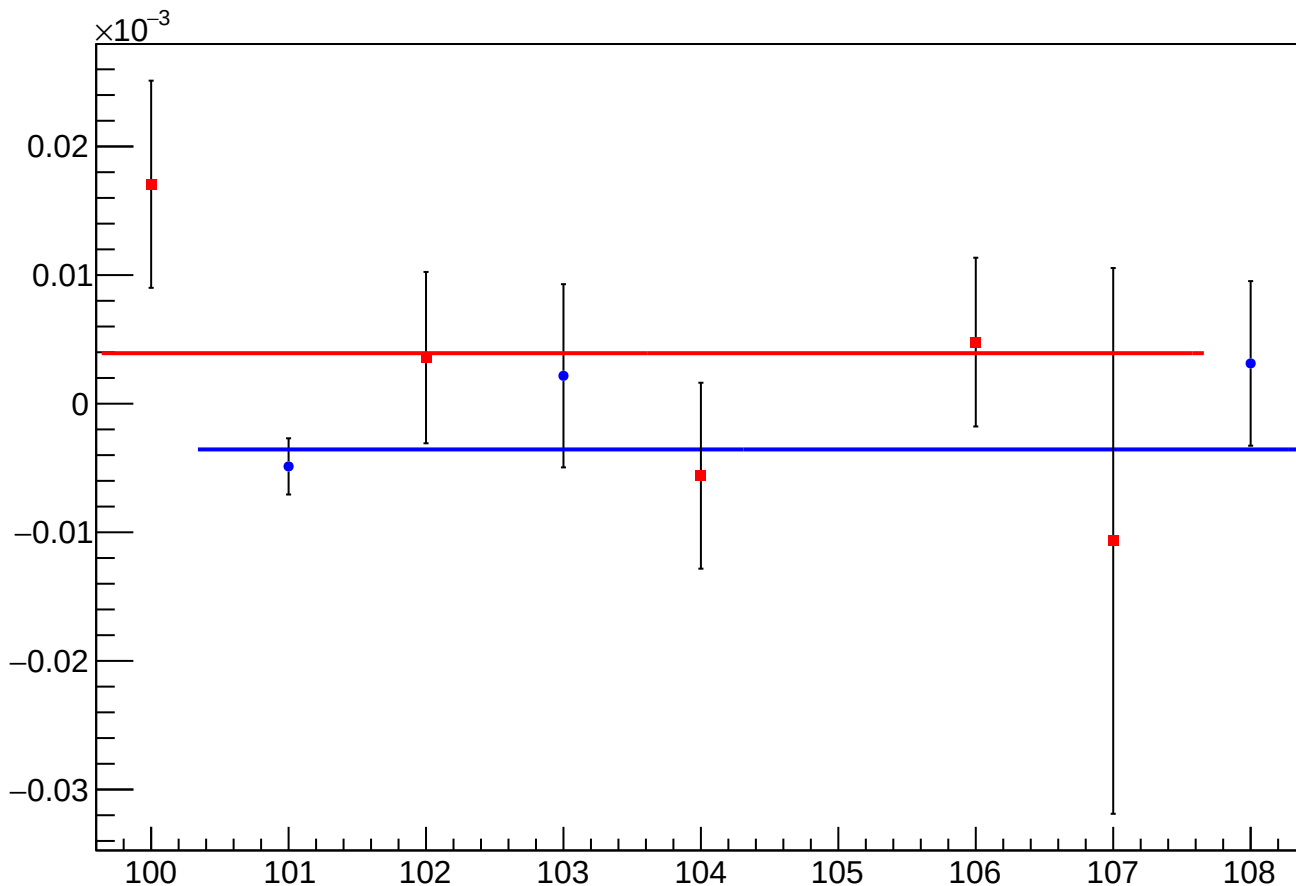
Right: 76.140+/-0.040 χ^2/NDF : 1640397.9/7

In: 69.924+/-0.049 χ^2/NDF : 839442.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.140+/-0.040 χ^2/NDF : 1640397.9/7

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 : 2.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

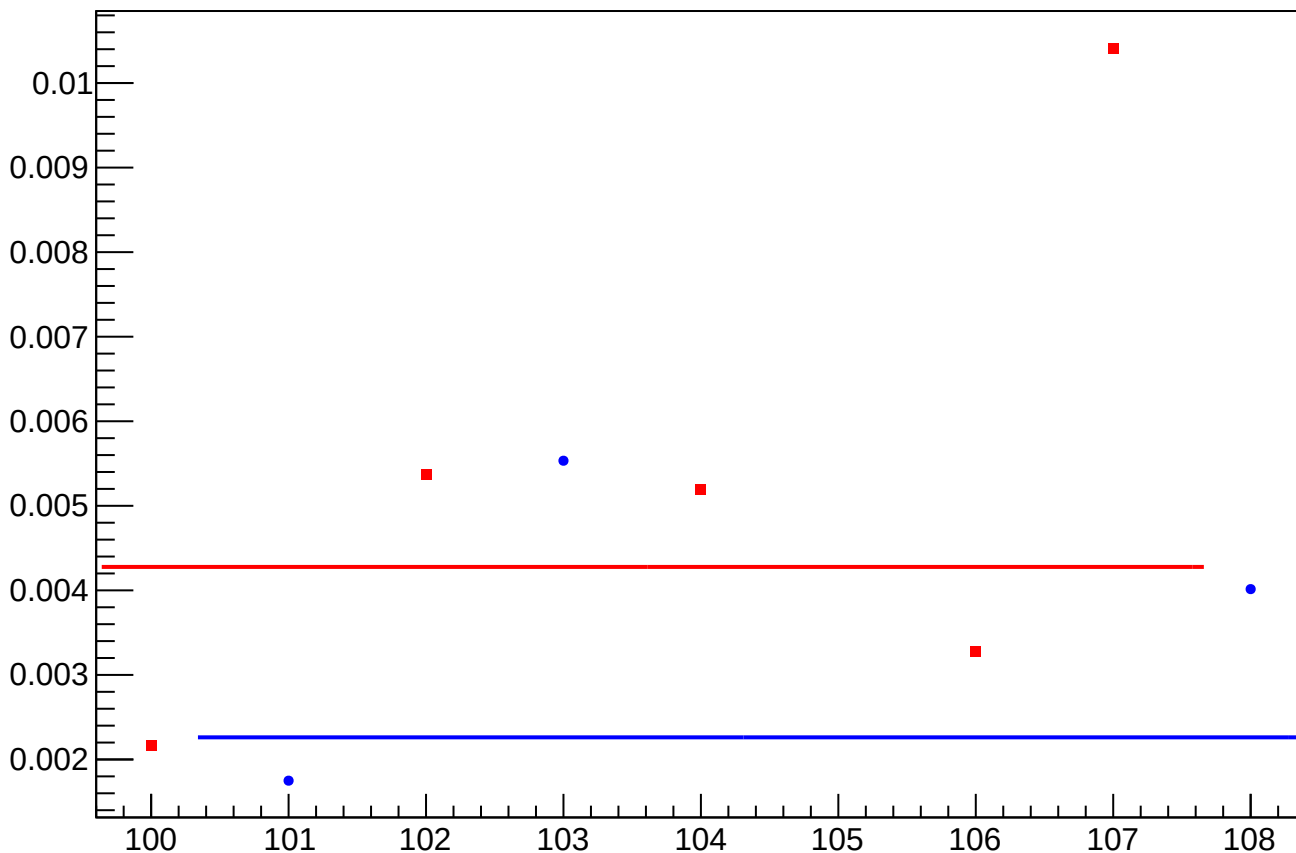
Right: -0.000+/-0.000 χ^2/NDF : 10.5/7

In: -0.000+/-0.000 χ^2/NDF : 2.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.5/7

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 : 681878.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 435905.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

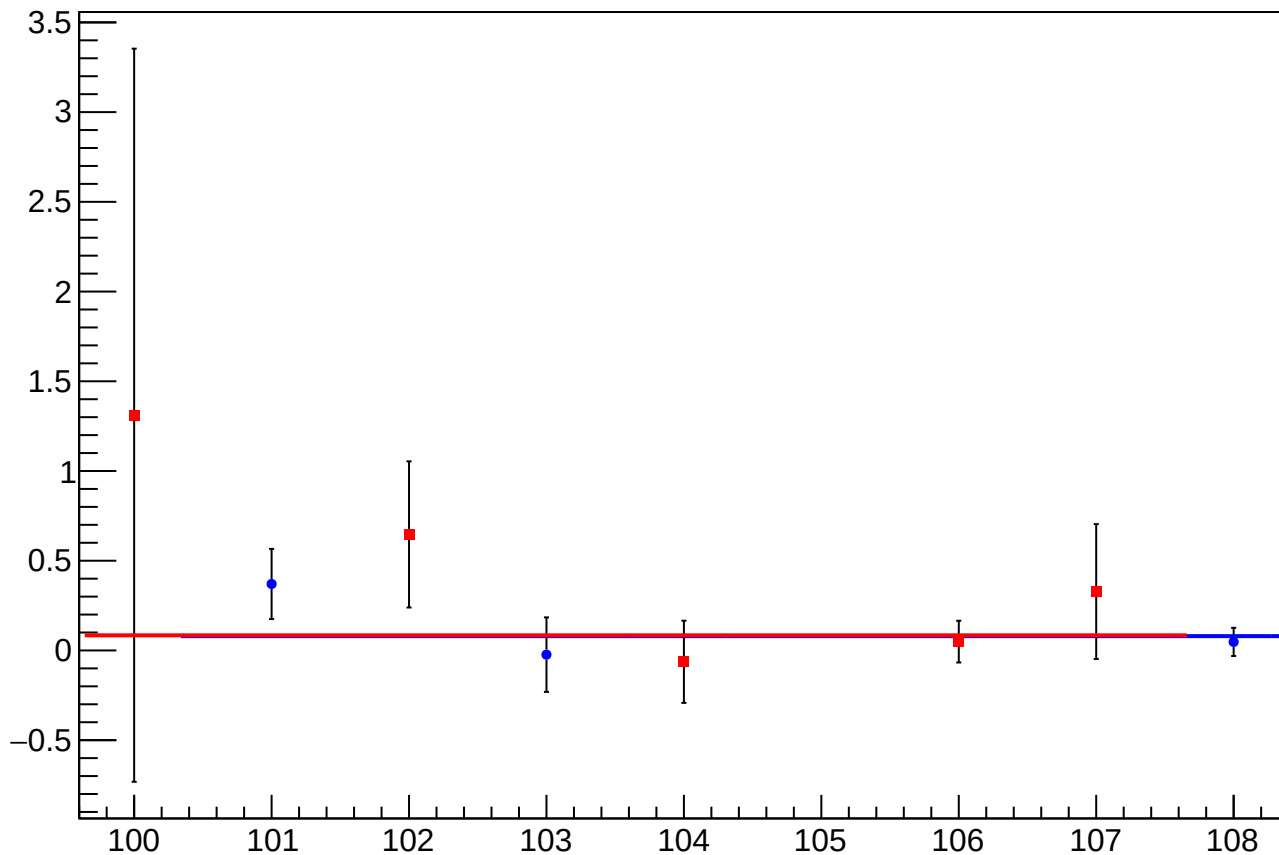
Right: 0.003+/-0.000 χ^2/NDF : 1623681.1/7

In: 0.002+/-0.000 χ^2/NDF : 681878.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 1623681.1/7

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.080+/-0.069 χ^2/NDF : 2.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.084+/-0.097 χ^2/NDF : 3.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

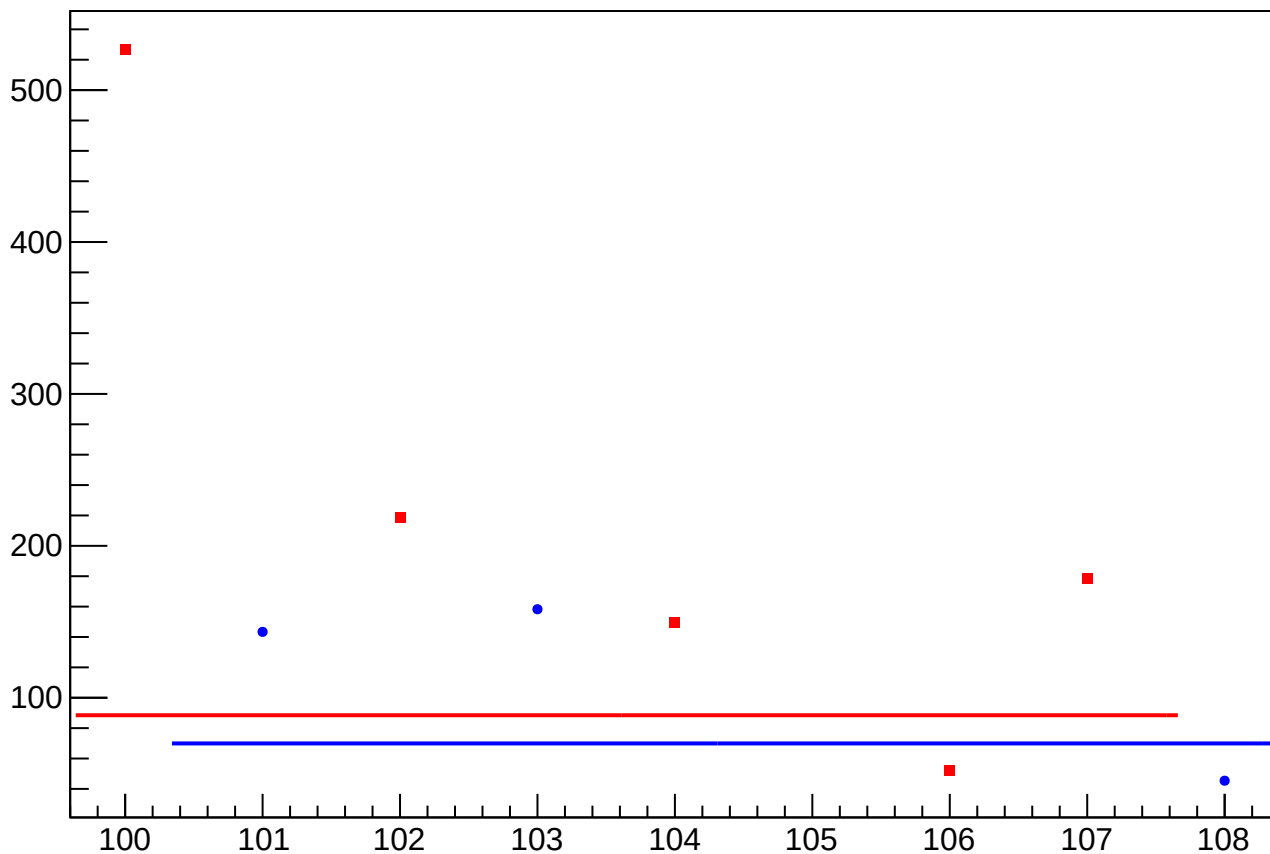
Right: 0.081+/-0.056 χ^2/NDF : 5.8/7

In: 0.080+/-0.069 χ^2/NDF : 2.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.081+/-0.056 χ^2/NDF : 5.8/7

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 69.926+/-0.049 χ^2/NDF : 839396.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.482+/-0.069 χ^2/NDF : 752221.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

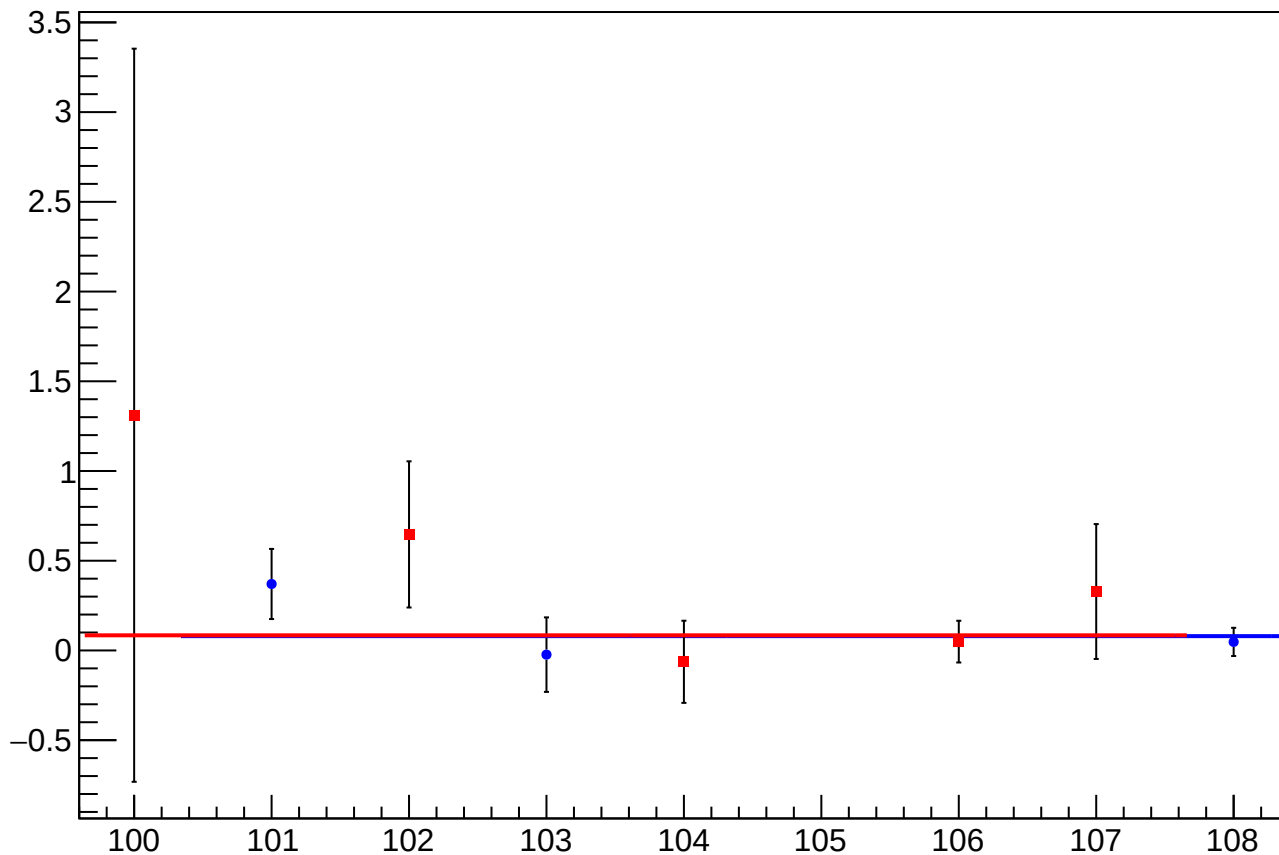
Right: 76.141+/-0.040 χ^2/NDF : 1640332.3/7

In: 69.926+/-0.049 χ^2/NDF : 839396.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.141+/-0.040 χ^2/NDF : 1640332.3/7

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.080+/-0.069 χ^2/NDF : 2.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.084+/-0.097 χ^2/NDF : 3.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

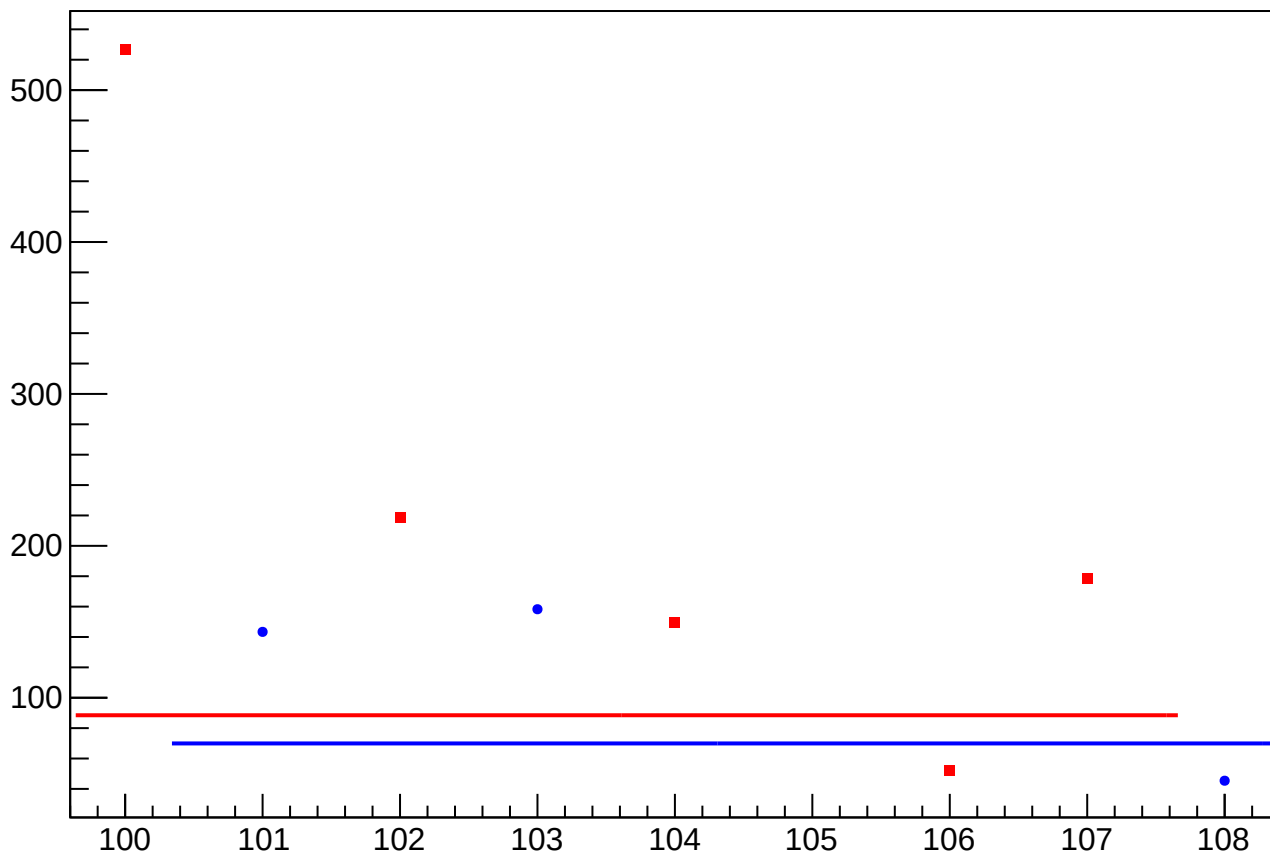
Right: 0.081+/-0.056 χ^2/NDF : 5.8/7

In: 0.080+/-0.069 χ^2/NDF : 2.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.081+/-0.056 χ^2/NDF : 5.8/7

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 69.926+/-0.049 χ^2/NDF : 839396.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.482+/-0.069 χ^2/NDF : 752221.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

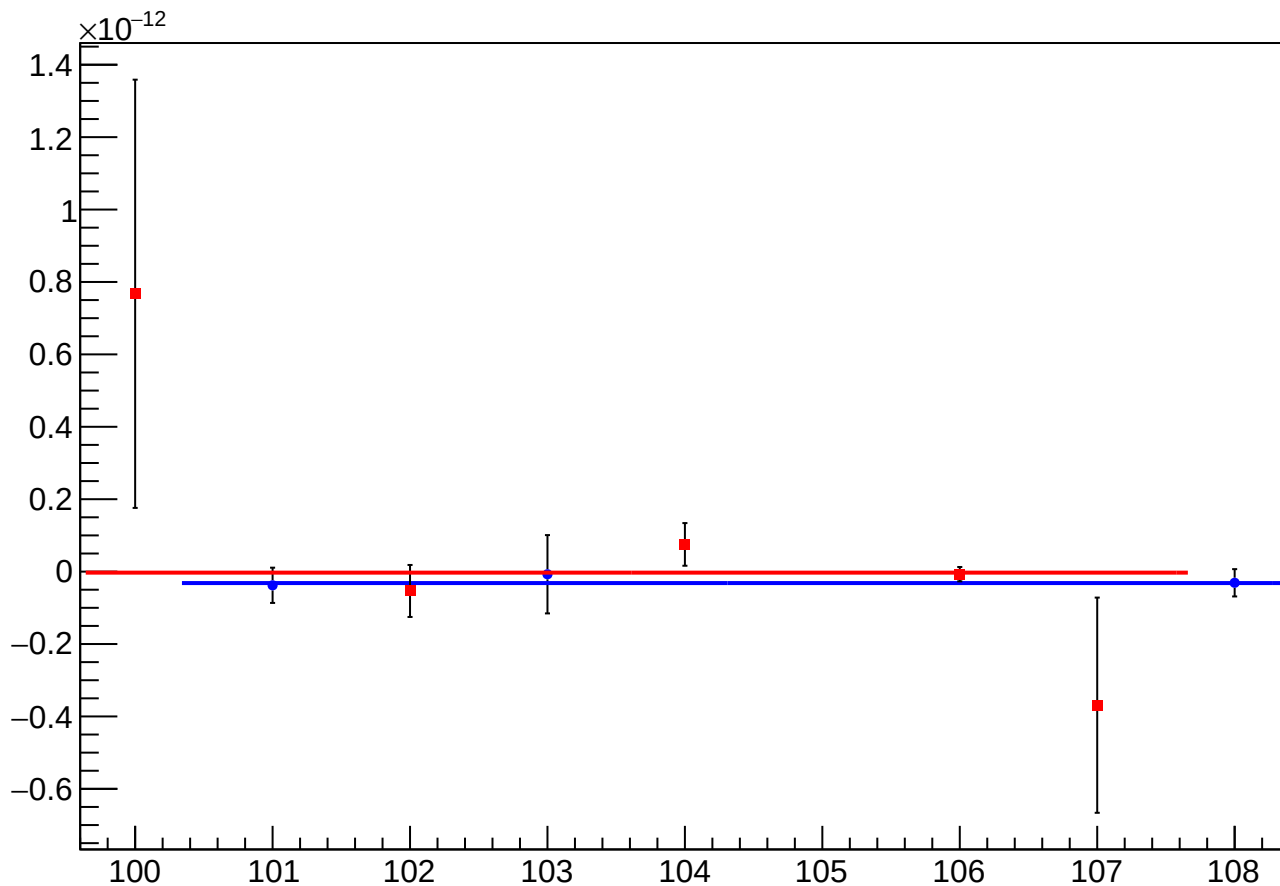
Right: 76.141+/-0.040 χ^2/NDF : 1640332.3/7

In: 69.926+/-0.049 χ^2/NDF : 839396.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.141+/-0.040 χ^2/NDF : 1640332.3/7

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 : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

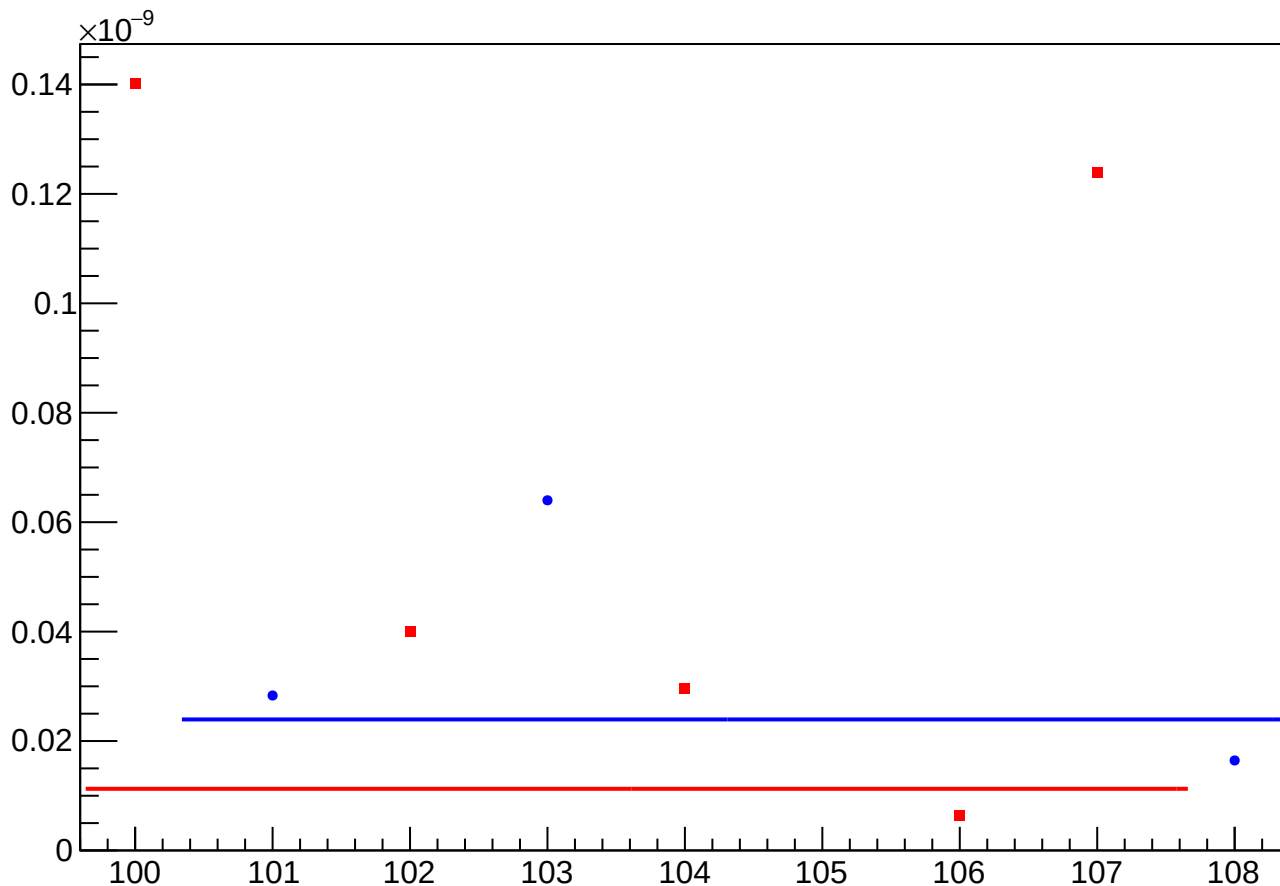
Right: -0.000+/-0.000 χ^2/NDF : 6.3/7

In: -0.000+/-0.000 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.3/7

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 : 369577.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1019808.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

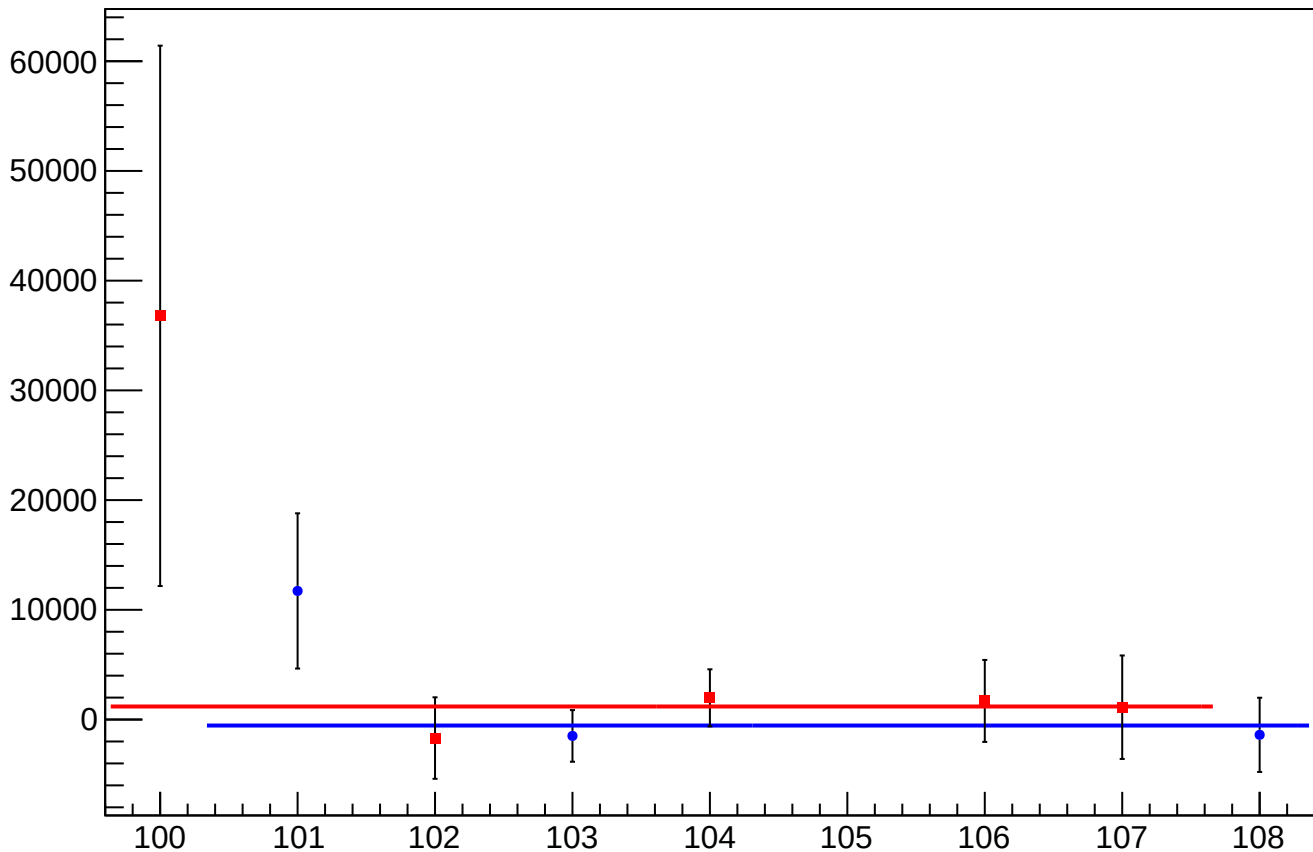
Right: 0.000+/-0.000 χ^2/NDF : 1667865.0/7

In: 0.000+/-0.000 χ^2/NDF : 369577.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1667865.0/7

reg_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -546.407+/-1863.651 χ^2/NDF : 3.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1188.756+/-1718.392 χ^2/NDF : 2.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

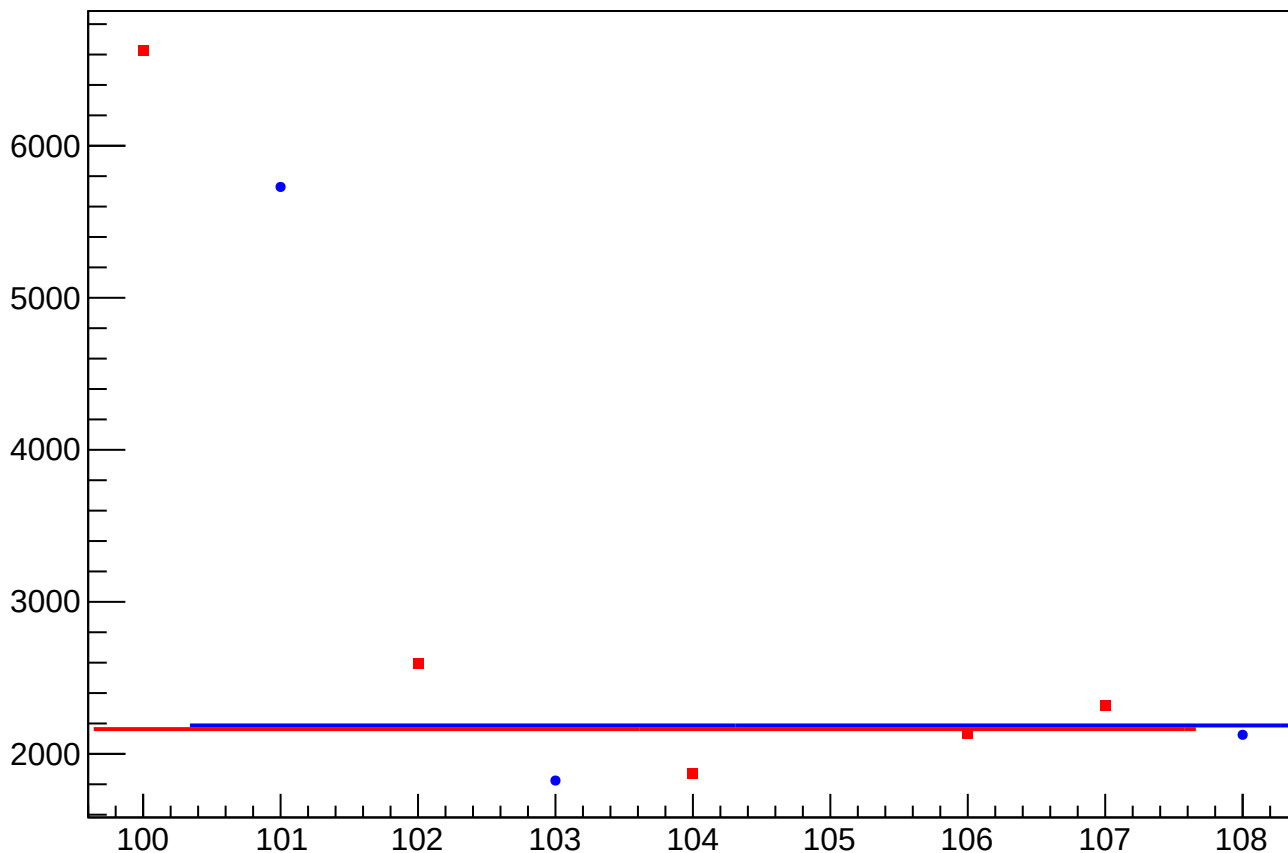
Right: 391.423+/-1263.322 χ^2/NDF : 6.5/7

In: -546.407+/-1863.651 χ^2/NDF : 3.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 391.423+/-1263.322 χ^2/NDF : 6.5/7

reg_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2186.938+/-1.318 χ^2/NDF : 549381.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2162.881+/-1.215 χ^2/NDF : 119854.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

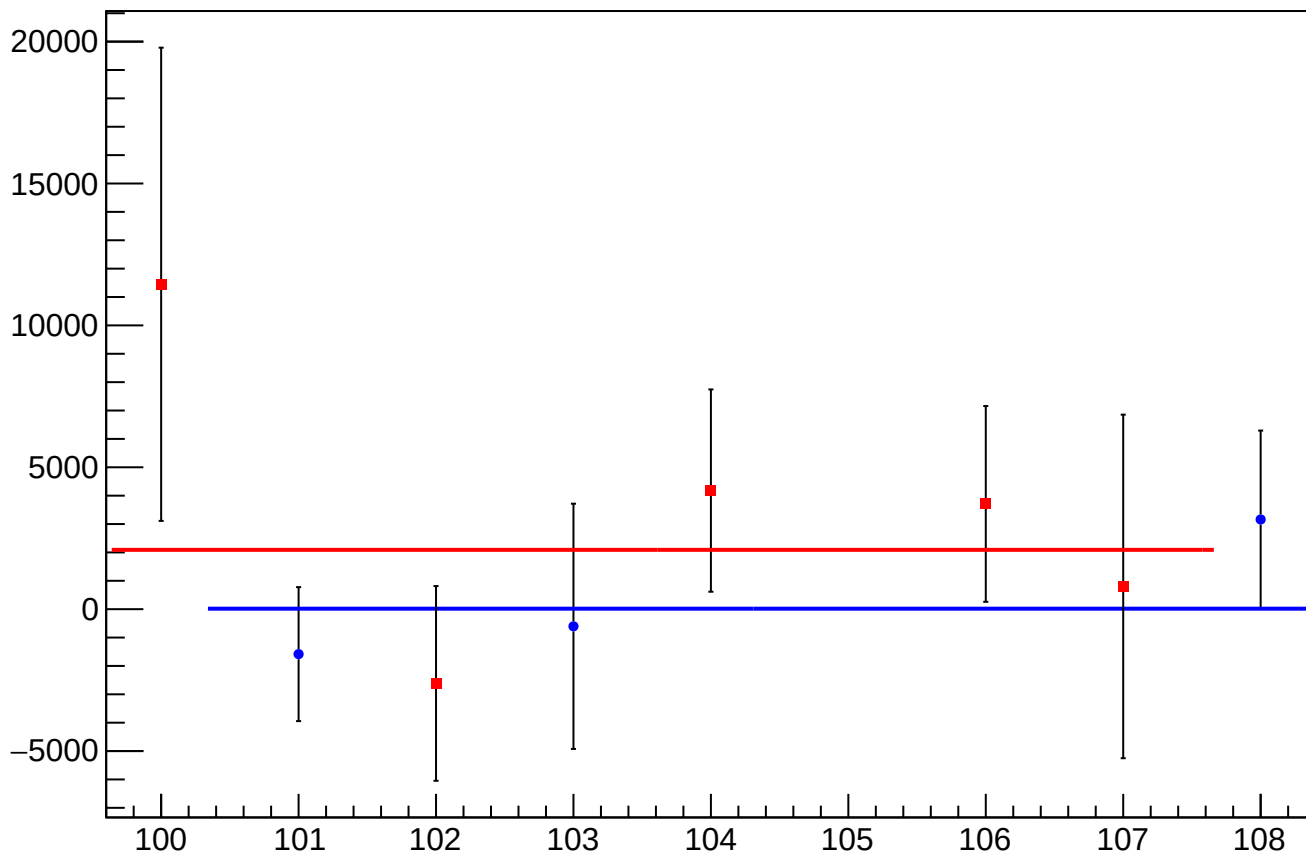
Right: 2173.936+/-0.893 χ^2/NDF : 669416.1/7

In: 2186.938+/-1.318 χ^2/NDF : 549381.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2173.936+/-0.893 χ^2/NDF : 669416.1/7

asym_us_dd_at1lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 17.236+/-1727.993 χ^2/NDF : 1.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2090.650+/-1858.929 χ^2/NDF : 3.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

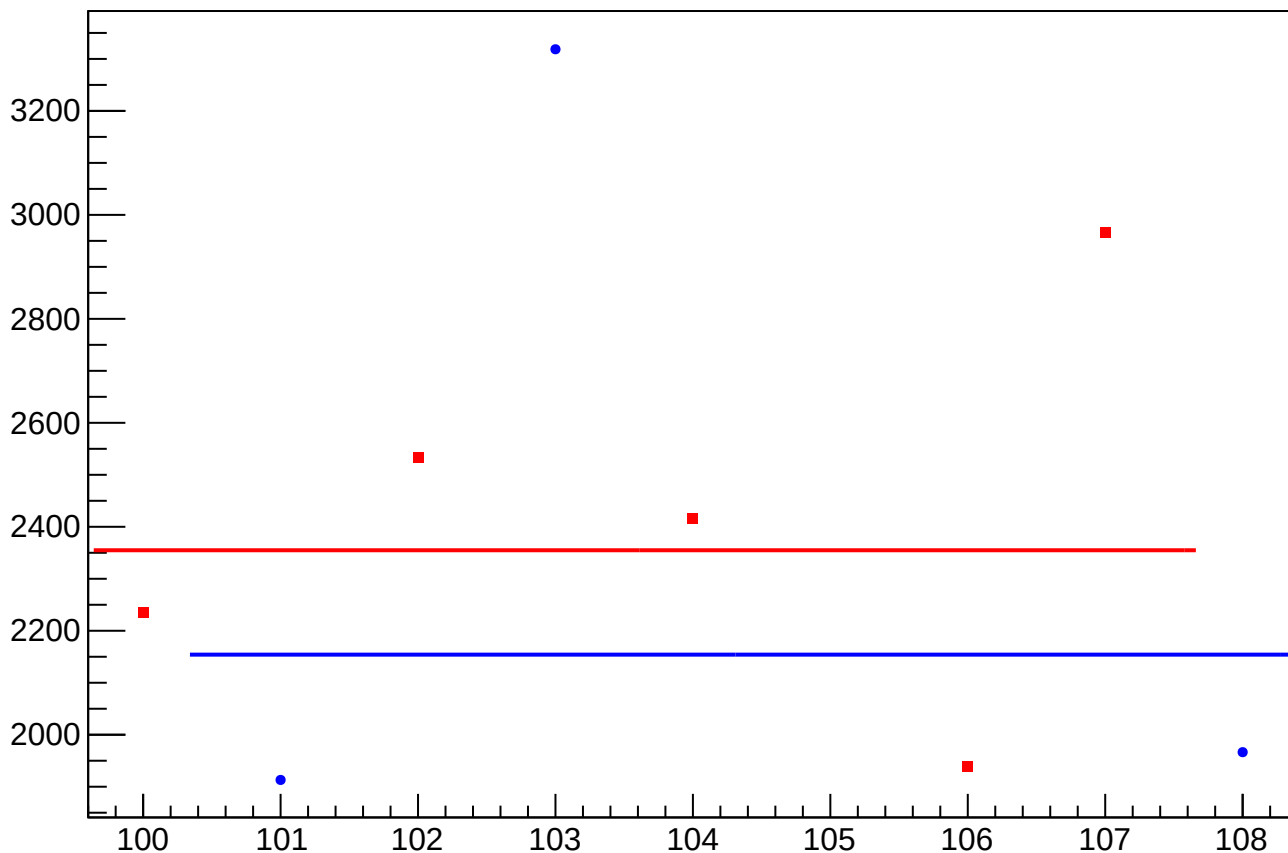
Right: 978.356+/-1265.636 χ^2/NDF : 5.9/7

In: 17.236+/-1727.993 χ^2/NDF : 1.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 978.356+/-1265.636 χ^2/NDF : 5.9/7

asym_us_dd_at1lr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2154.071+/-1.222 χ^2/NDF : 173269.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2354.859+/-1.314 χ^2/NDF : 55952.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

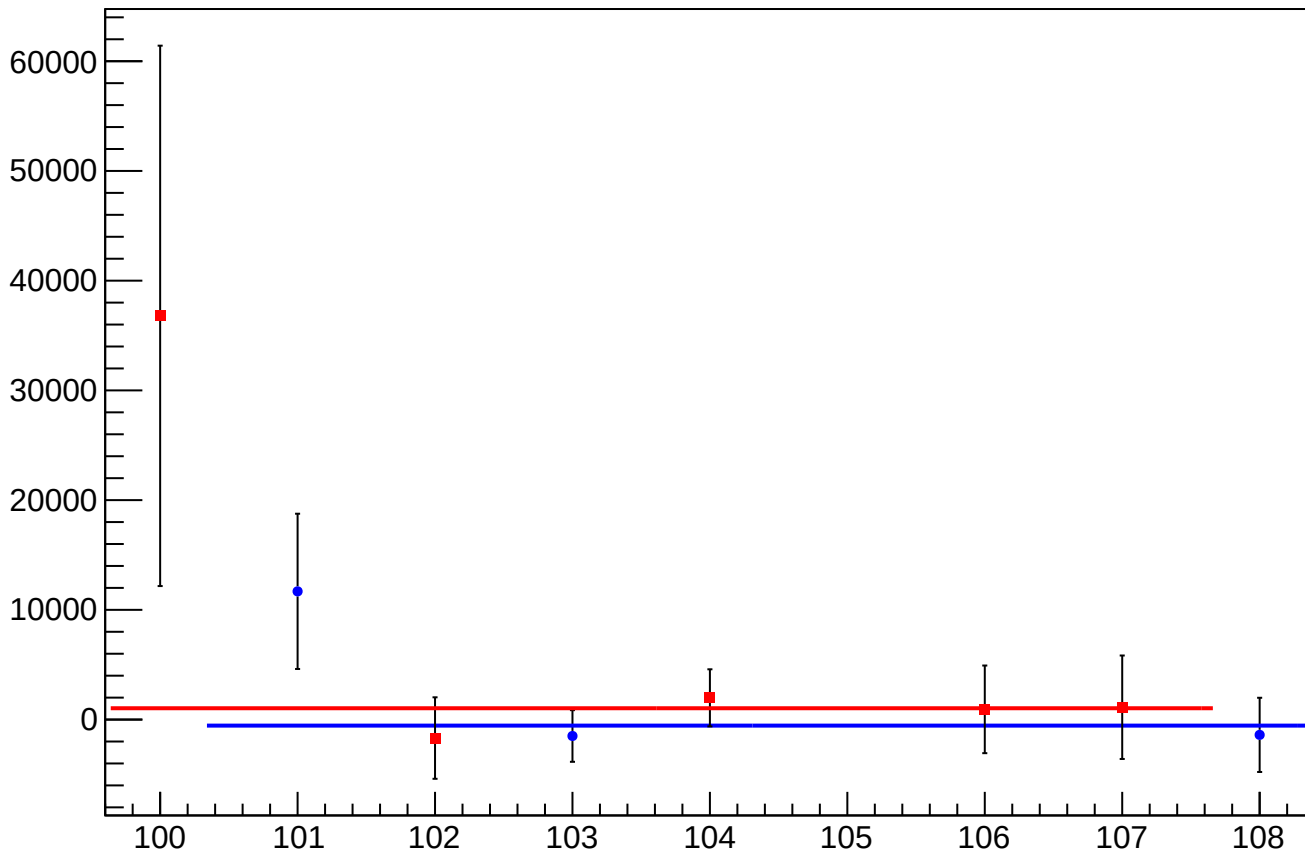
Right: 2247.145+/-0.895 χ^2/NDF : 241739.2/7

In: 2154.071+/-1.222 χ^2/NDF : 173269.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2247.145+/-0.895 χ^2/NDF : 241739.2/7

cor_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -550.489+/-1863.653 χ^2/NDF : 3.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1032.271+/-1741.644 χ^2/NDF : 2.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

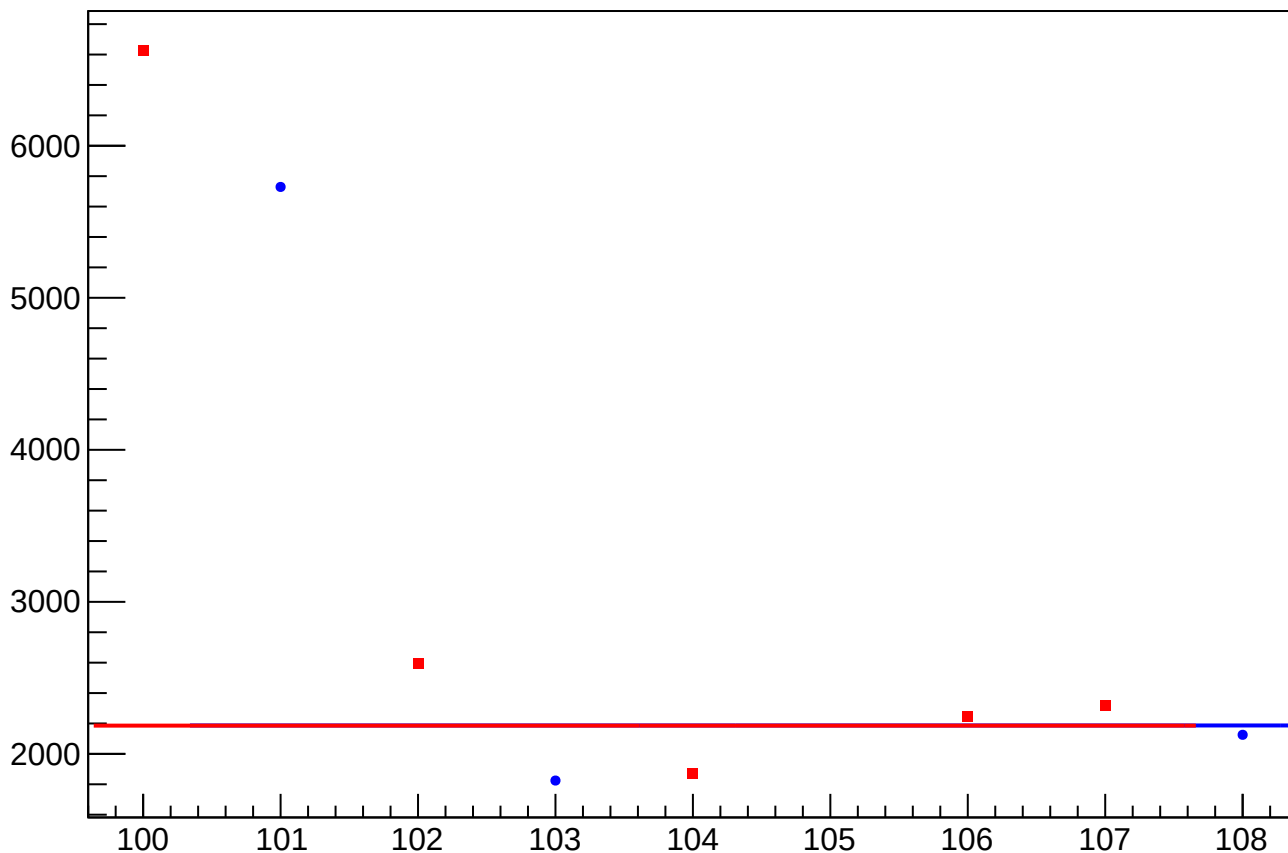
Right: 294.393+/-1272.477 χ^2/NDF : 6.4/7

In: -550.489+/-1863.653 χ^2/NDF : 3.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 294.393+/-1272.477 χ^2/NDF : 6.4/7

cor_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2186.939+/-1.318 χ^2/NDF : 549381.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2185.899+/-1.232 χ^2/NDF : 120304.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

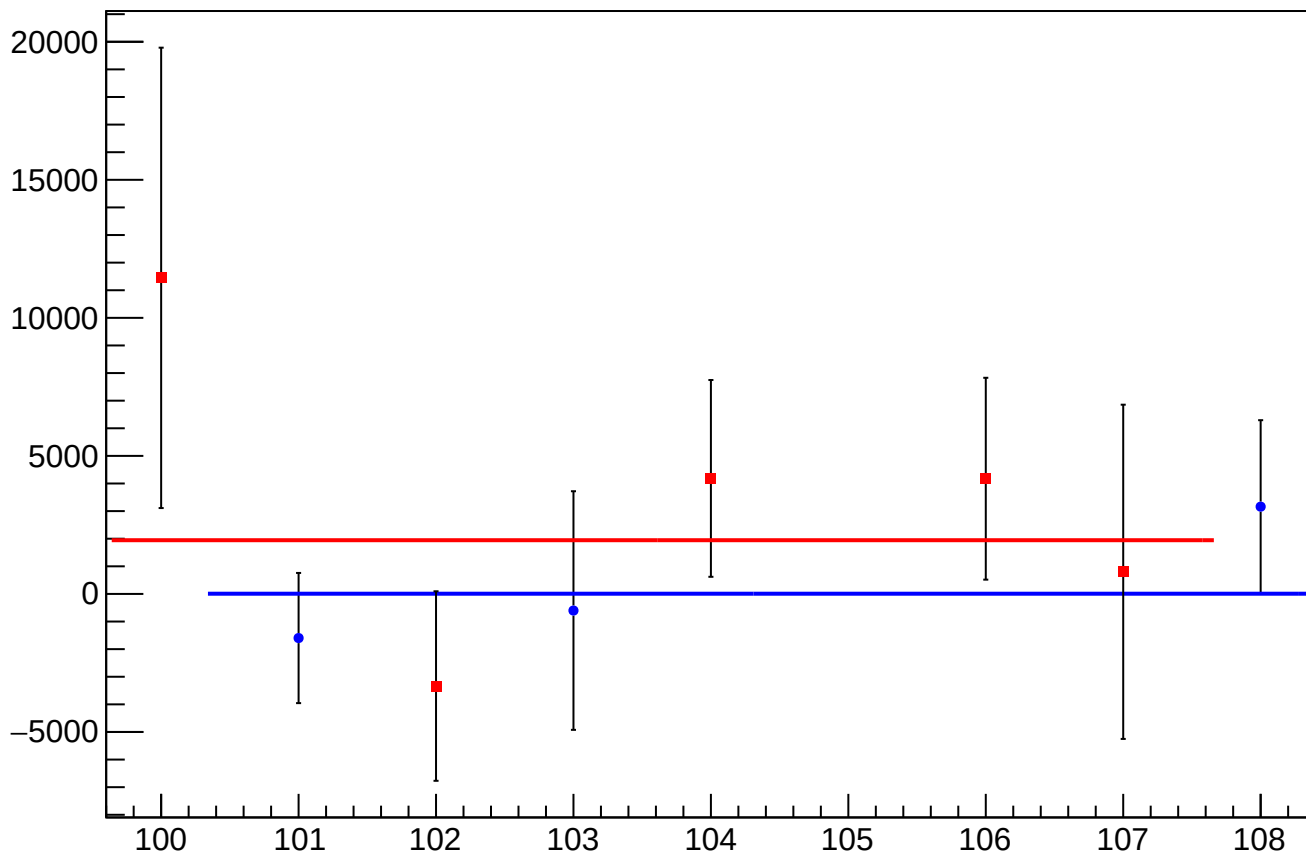
Right: 2186.384+/-0.900 χ^2/NDF : 669686.3/7

In: 2186.939+/-1.318 χ^2/NDF : 549381.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2186.384+/-0.900 χ^2/NDF : 669686.3/7

asym_us_dd_at1lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 7.693+/-1726.753 χ^2/NDF : 1.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1945.698+/-1889.490 χ^2/NDF : 4.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

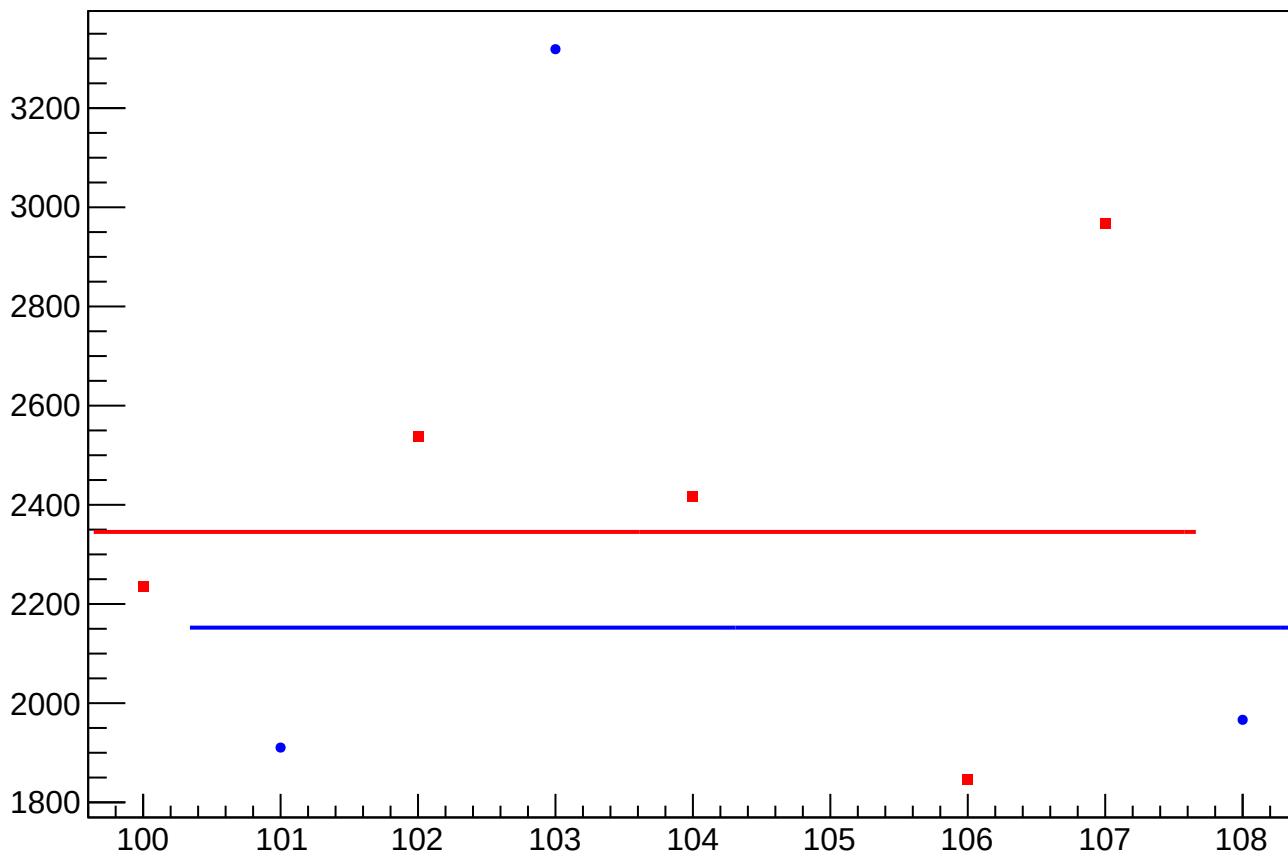
Right: 889.658+/-1274.656 χ^2/NDF : 6.5/7

In: 7.693+/-1726.753 χ^2/NDF : 1.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 889.658+/-1274.656 χ^2/NDF : 6.5/7

asym_us_dd_at1lr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2152.318+/-1.221 χ^2/NDF : 173827.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2345.335+/-1.336 χ^2/NDF : 65888.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

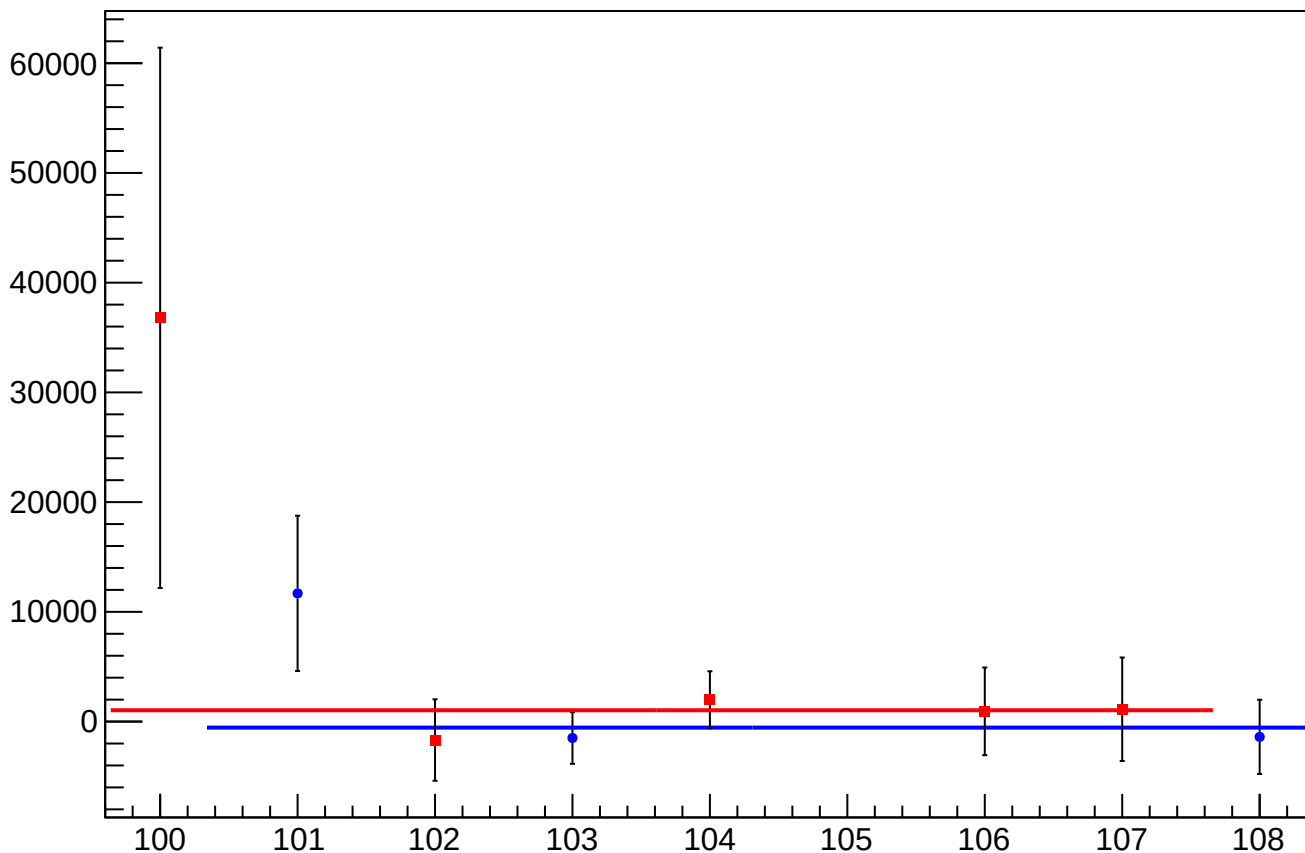
Right: 2240.158+/-0.901 χ^2/NDF : 251088.6/7

In: 2152.318+/-1.221 χ^2/NDF : 173827.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2240.158+/-0.901 χ^2/NDF : 251088.6/7

eigen_cor_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -550.489+/-1863.653 χ^2/NDF : 3.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1032.271+/-1741.644 χ^2/NDF : 2.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

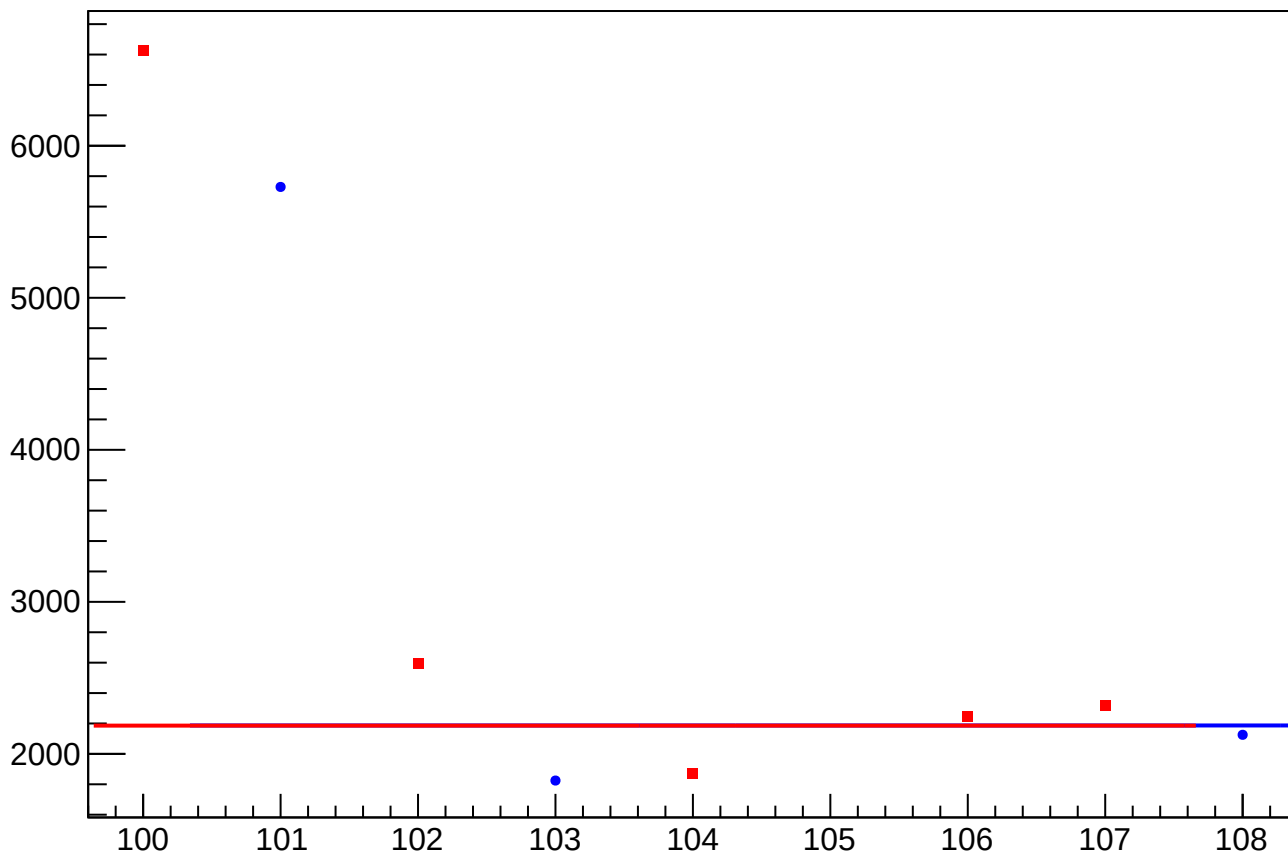
Right: 294.393+/-1272.477 χ^2/NDF : 6.4/7

In: -550.489+/-1863.653 χ^2/NDF : 3.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 294.393+/-1272.477 χ^2/NDF : 6.4/7

eigen_cor_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2186.939+/-1.318 χ^2/NDF : 549381.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2185.899+/-1.232 χ^2/NDF : 120304.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

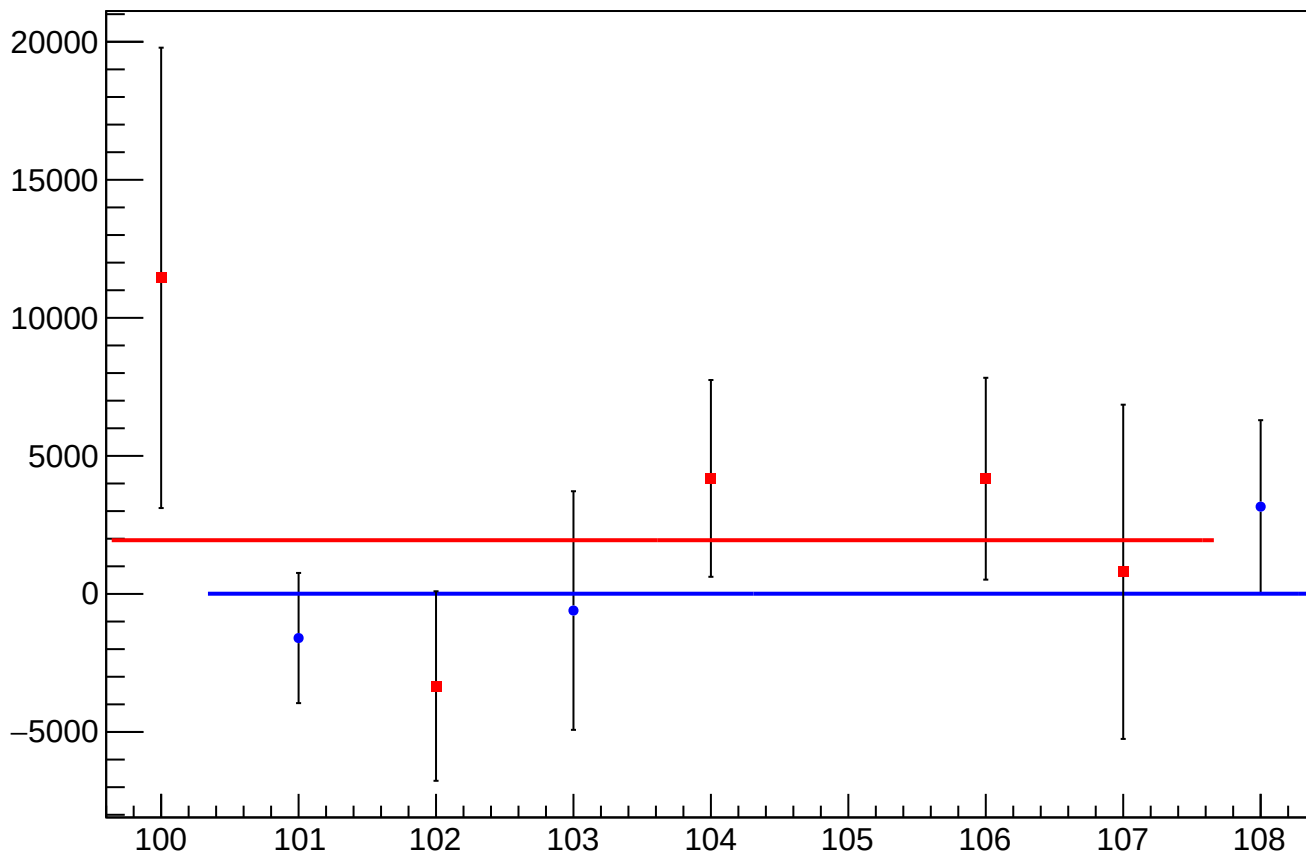
Right: 2186.384+/-0.900 χ^2/NDF : 669686.3/7

In: 2186.939+/-1.318 χ^2/NDF : 549381.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2186.384+/-0.900 χ^2/NDF : 669686.3/7

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 7.693+/-1726.753 χ^2/NDF : 1.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1945.698+/-1889.490 χ^2/NDF : 4.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

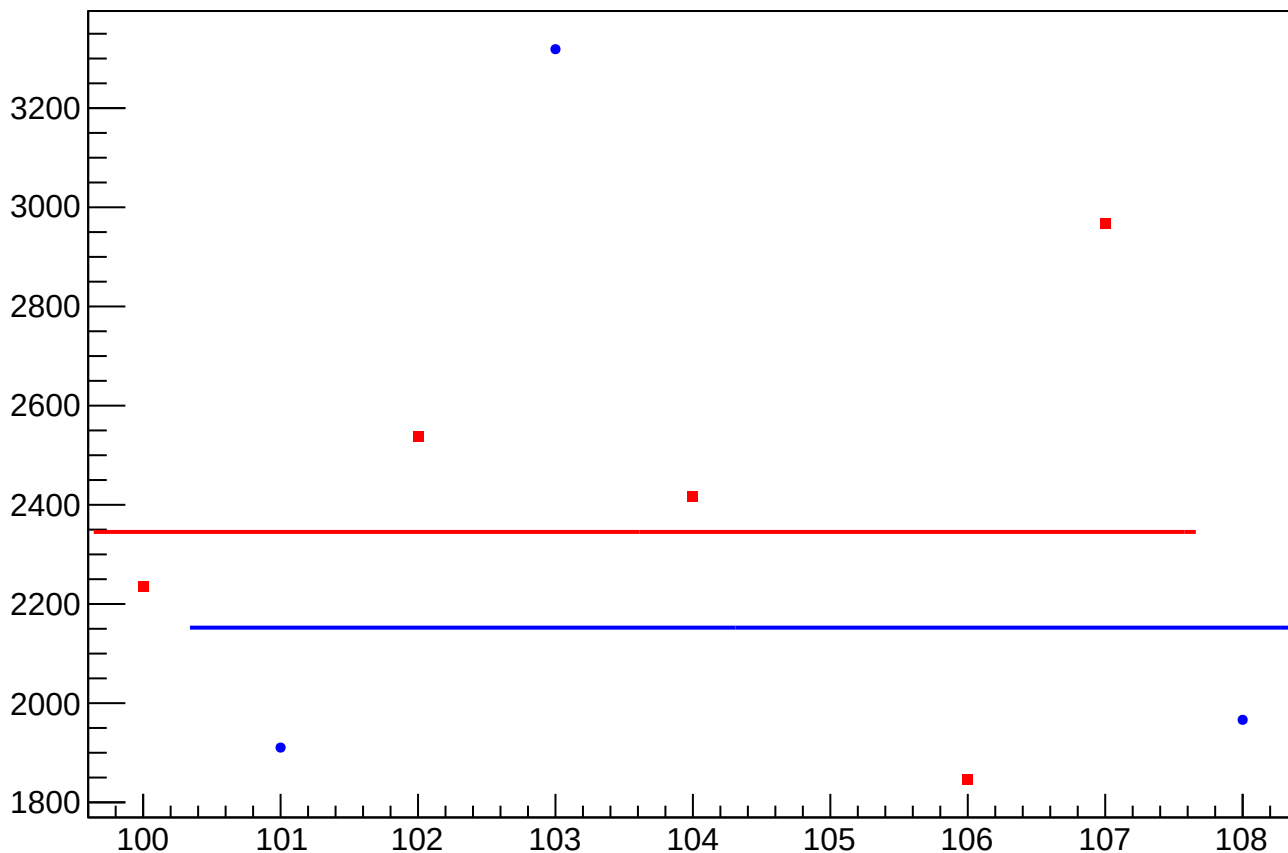
Right: 889.658+/-1274.656 χ^2/NDF : 6.5/7

In: 7.693+/-1726.753 χ^2/NDF : 1.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 889.658+/-1274.656 χ^2/NDF : 6.5/7

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2152.318+/-1.221 χ^2/NDF : 173827.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2345.335+/-1.336 χ^2/NDF : 65888.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

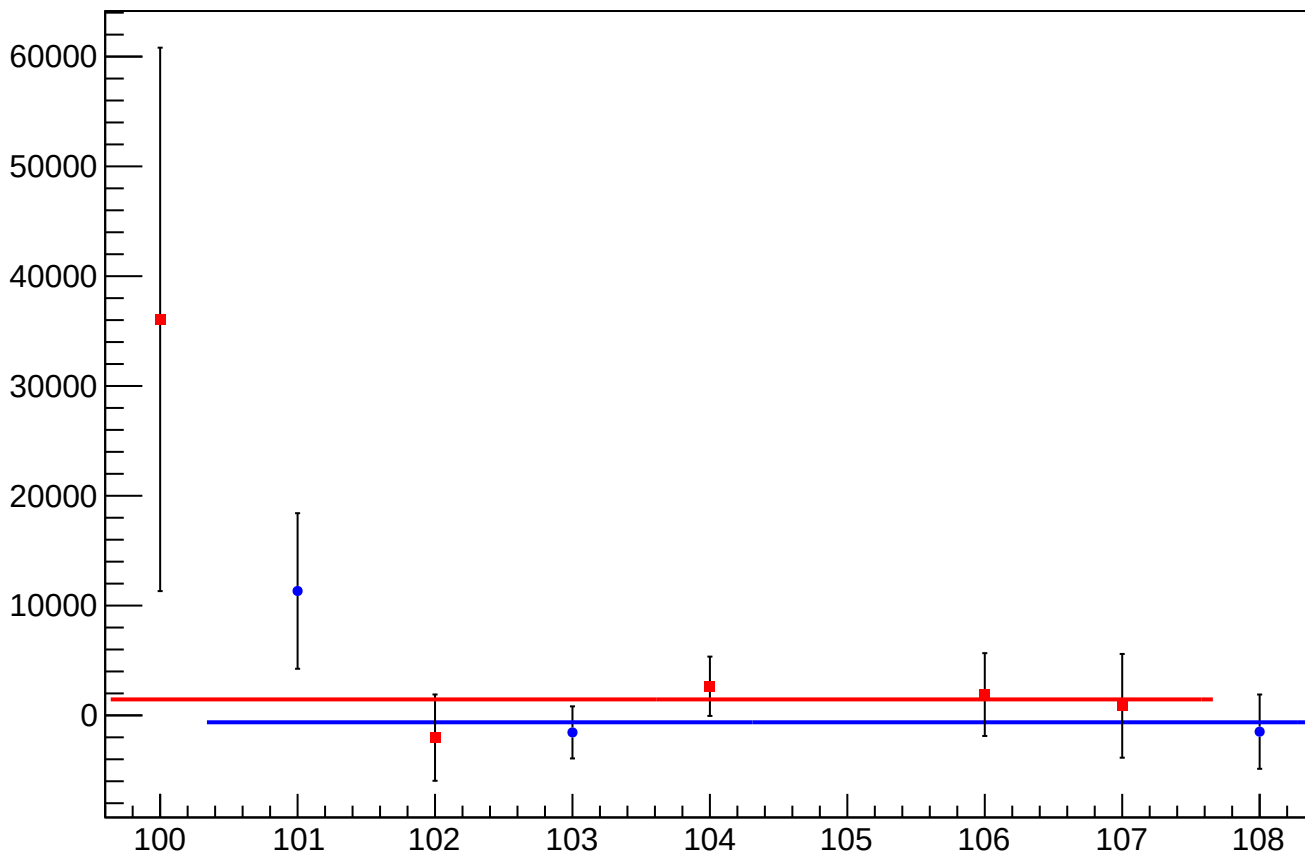
Right: 2240.158+/-0.901 χ^2/NDF : 251088.6/7

In: 2152.318+/-1.221 χ^2/NDF : 173827.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2240.158+/-0.901 χ^2/NDF : 251088.6/7

dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -629.706+/-1873.394 χ^2/NDF : 3.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1454.633+/-1771.707 χ^2/NDF : 3.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

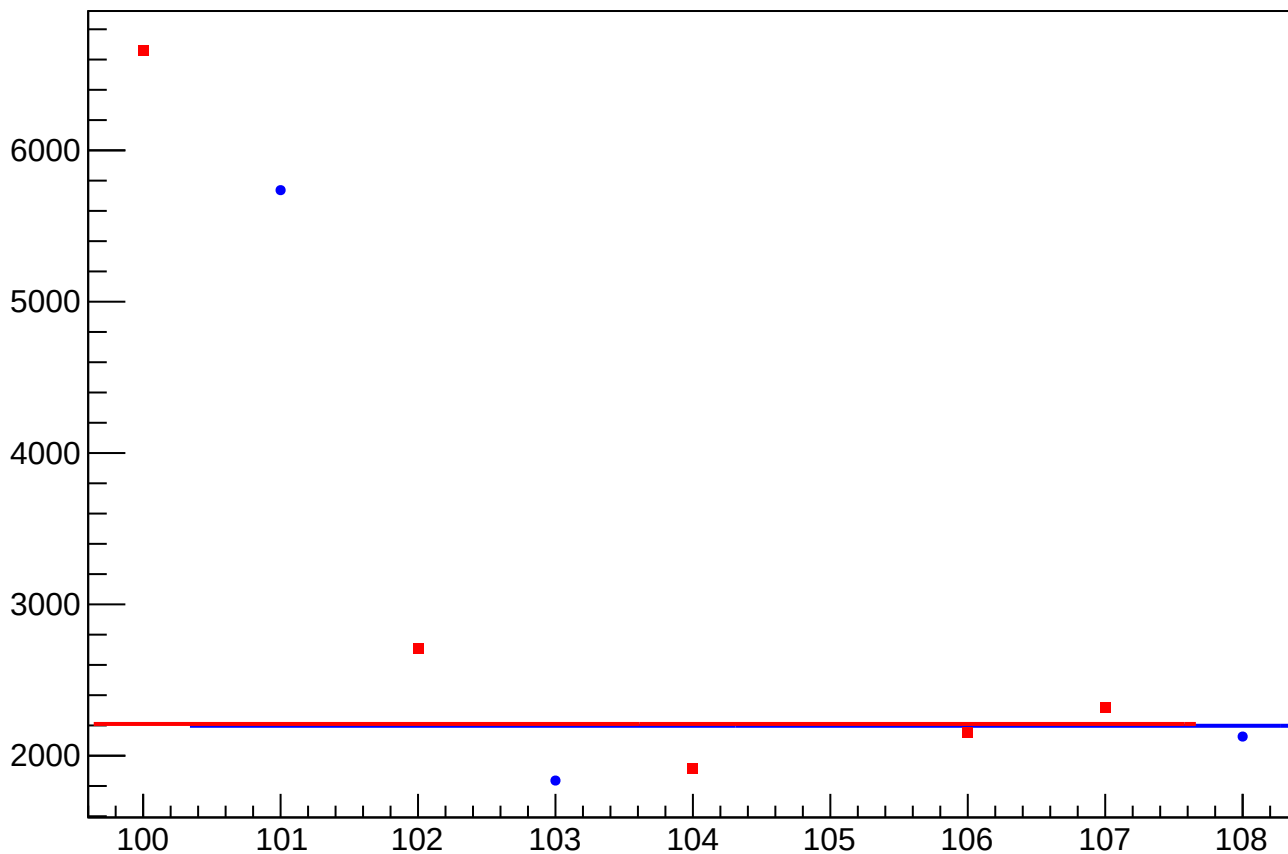
Right: 470.565+/-1287.234 χ^2/NDF : 6.7/7

In: -629.706+/-1873.394 χ^2/NDF : 3.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 470.565+/-1287.234 χ^2/NDF : 6.7/7

dit_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2197.860+/-1.325 χ^2/NDF : 546516.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2209.895+/-1.253 χ^2/NDF : 122794.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

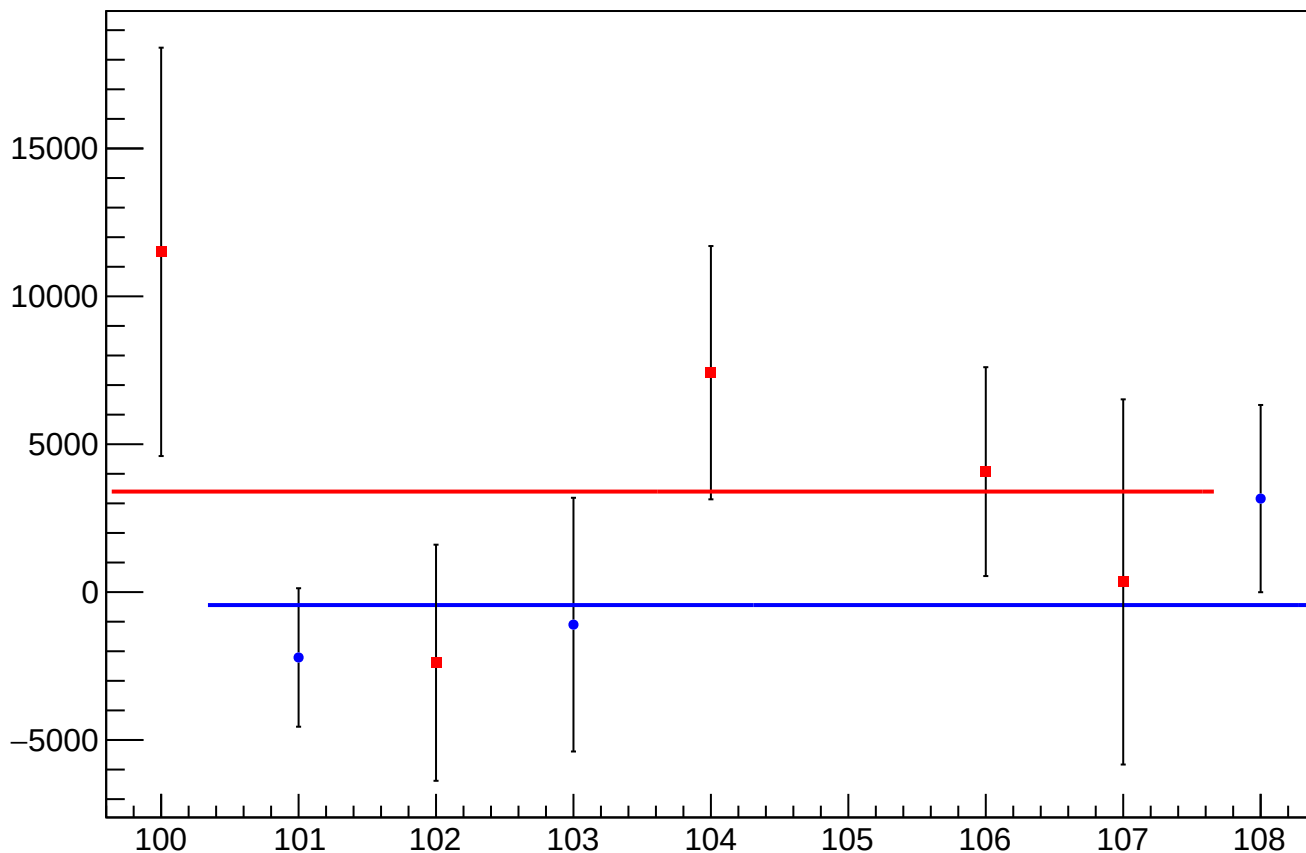
Right: 2204.213+/-0.910 χ^2/NDF : 669354.3/7

In: 2197.860+/-1.325 χ^2/NDF : 546516.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2204.213+/-0.910 χ^2/NDF : 669354.3/7

asym_us_dd_at1lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -438.233+/-1723.625 χ^2/NDF : 1.9/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3399.188+/-2021.429 χ^2/NDF : 4.6/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

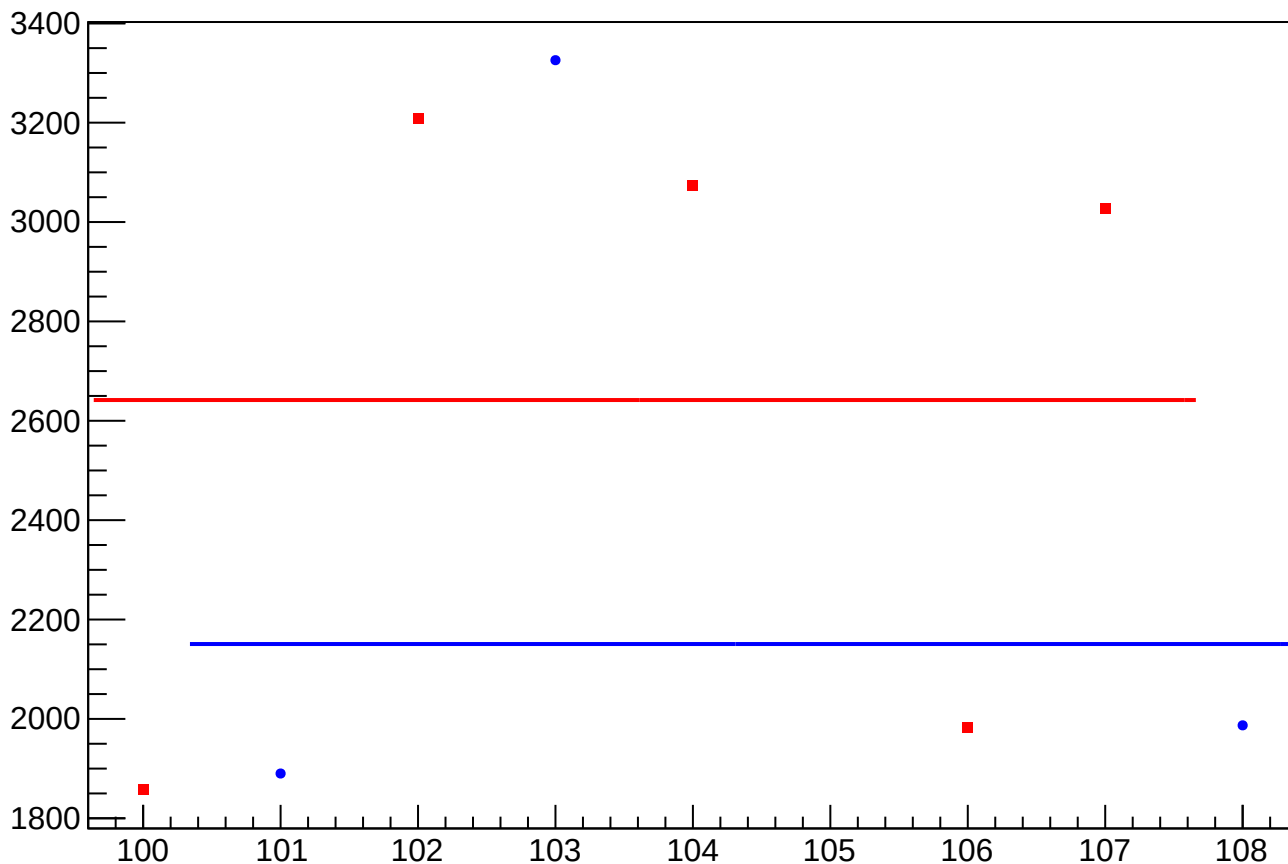
Right: 1177.246+/-1311.564 χ^2/NDF : 8.6/7

In: -438.233+/-1723.625 χ^2/NDF :1.9/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1177.246+/-1311.564 χ^2/NDF : 8.6/7

asym_us_dd_at1lr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2150.698+/-1.219 χ^2/NDF : 180239.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2641.768+/-1.429 χ^2/NDF : 163846.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

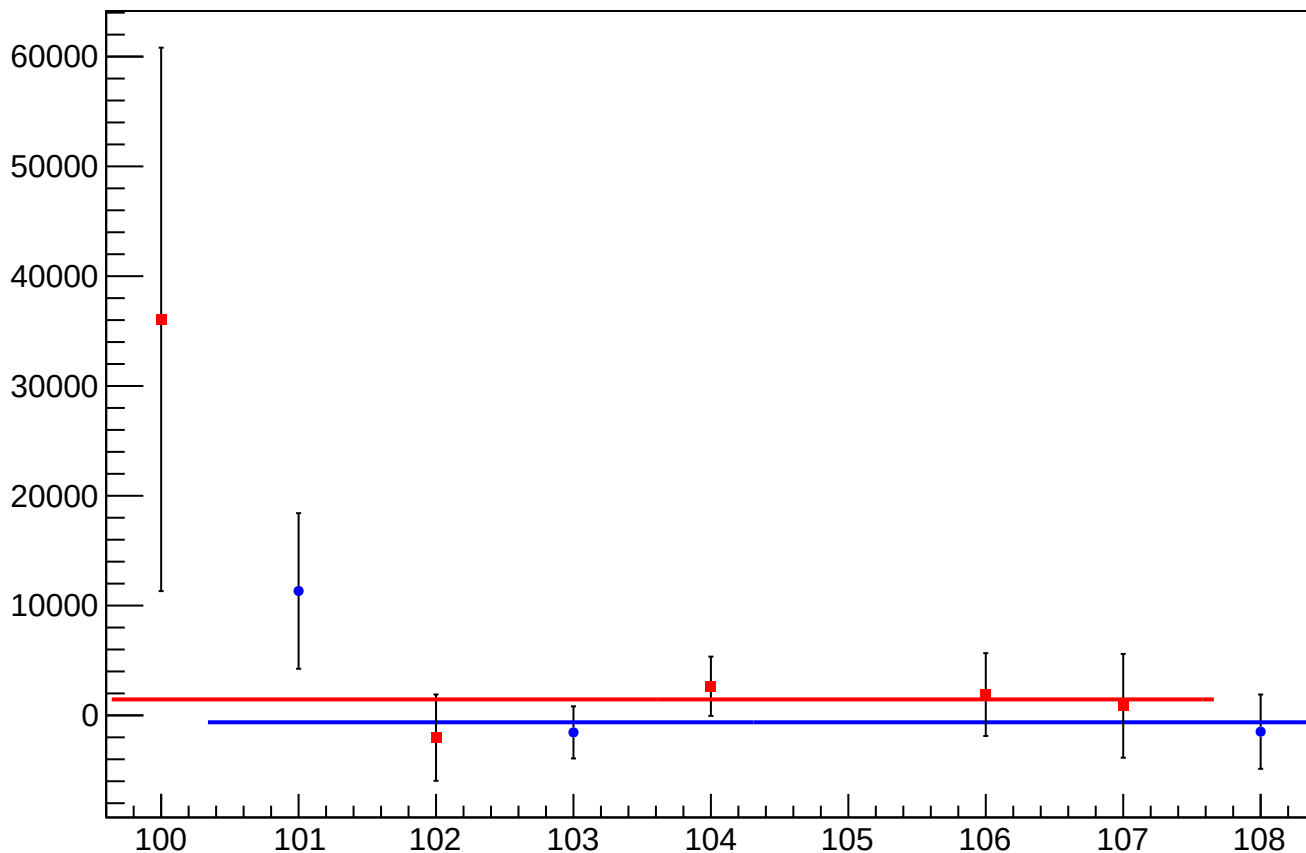
Right: 2357.429+/-0.927 χ^2/NDF : 412429.3/7

In: 2150.698+/-1.219 χ^2/NDF : 180239.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2357.429+/-0.927 χ^2/NDF : 412429.3/7

eigen_dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -629.702+/-1873.394 χ^2/NDF : 3.1/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1454.637+/-1771.706 χ^2/NDF : 3.0/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

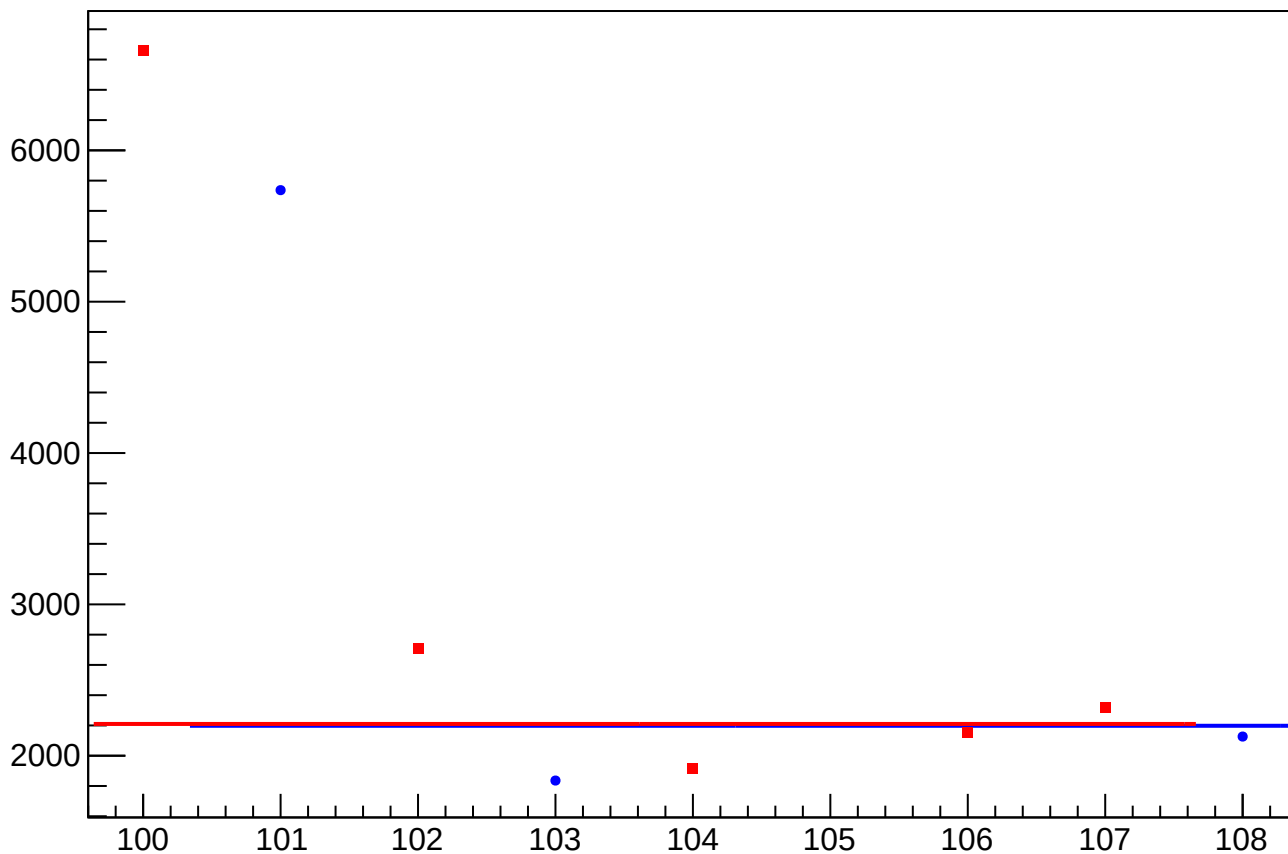
Right: 470.569+/-1287.234 χ^2/NDF : 6.7/7

In: -629.702+/-1873.394 χ^2/NDF :3.1/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 470.569+/-1287.234 χ^2/NDF : 6.7/7

eigen_dit_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2197.859+/-1.325 χ^2/NDF : 546516.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2209.895+/-1.253 χ^2/NDF : 122794.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

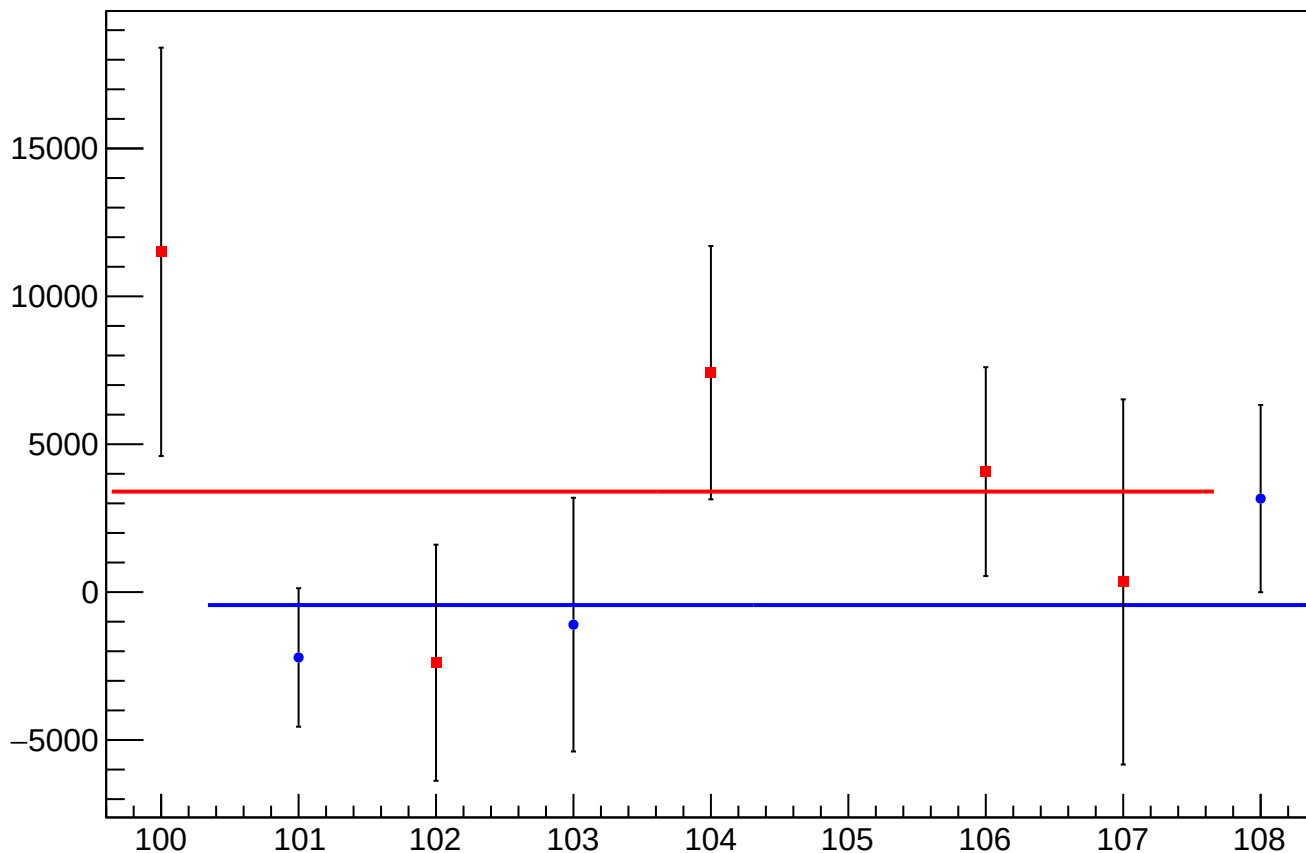
Right: 2204.213+/-0.910 χ^2/NDF : 669354.5/7

In: 2197.859+/-1.325 χ^2/NDF : 546516.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2204.213+/-0.910 χ^2/NDF : 669354.5/7

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -438.227+/-1723.623 χ^2/NDF : 1.9/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3399.191+/-2021.431 χ^2/NDF : 4.6/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

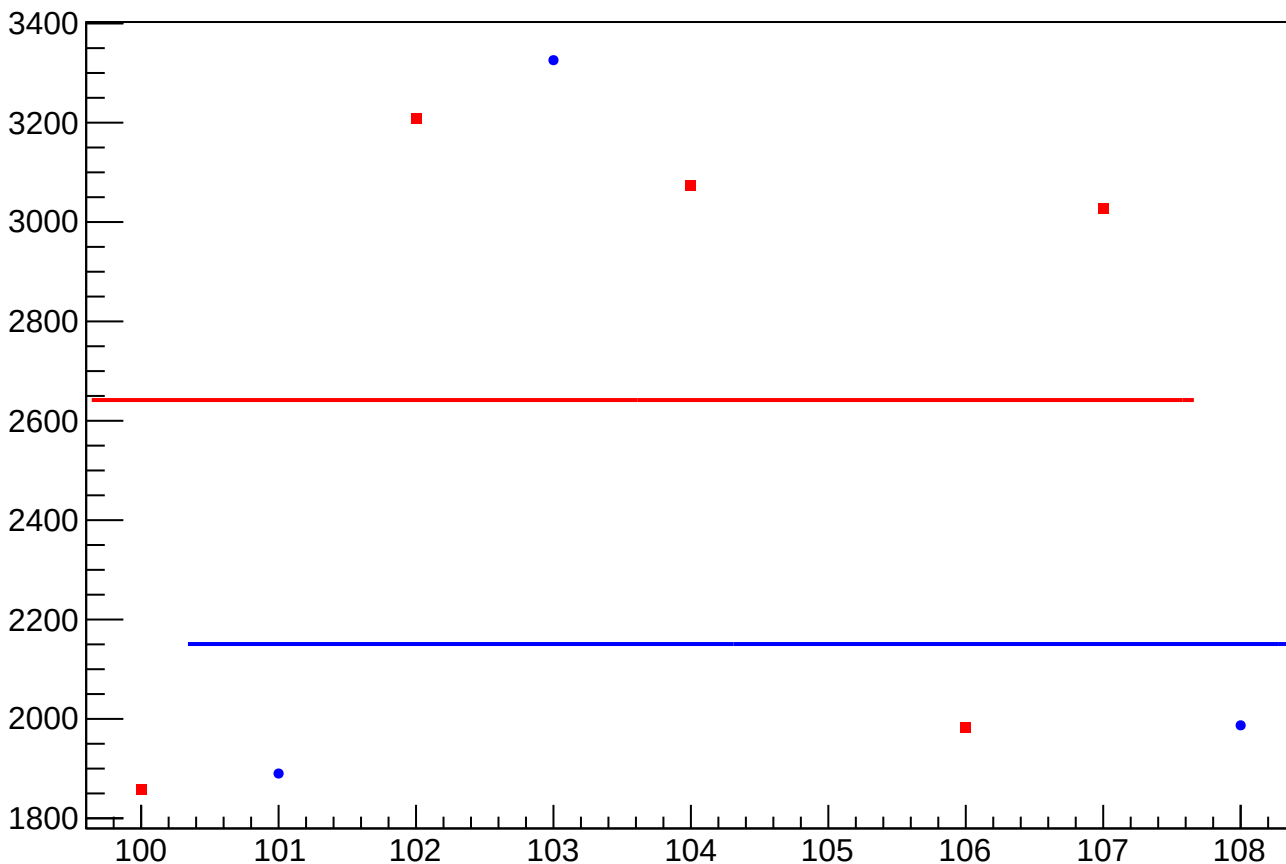
Right: 1177.247+/-1311.564 χ^2/NDF : 8.6/7

In: -438.227+/-1723.623 χ^2/NDF :1.9/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1177.247+/-1311.564 χ^2/NDF : 8.6/7

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2150.695+/-1.219 χ^2/NDF : 180241.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2641.770+/-1.429 χ^2/NDF : 163849.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

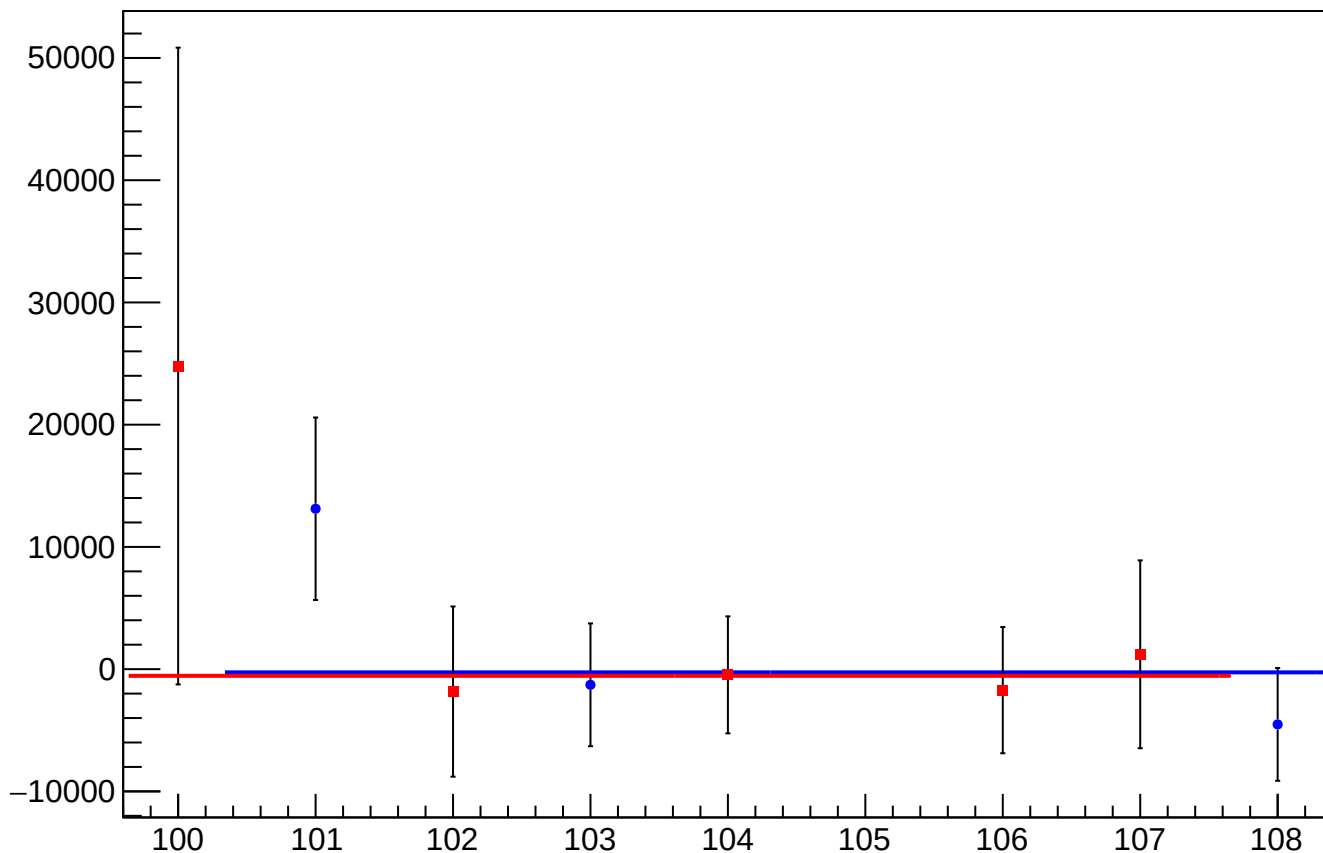
Right: 2357.427+/-0.927 χ^2/NDF : 412435.4/7

In: 2150.695+/-1.219 χ^2/NDF : 180241.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2357.427+/-0.927 χ^2/NDF : 412435.4/7

asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -262.605+/-3092.807 χ^2/NDF : 4.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -545.922+/-2884.417 χ^2/NDF : 1.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

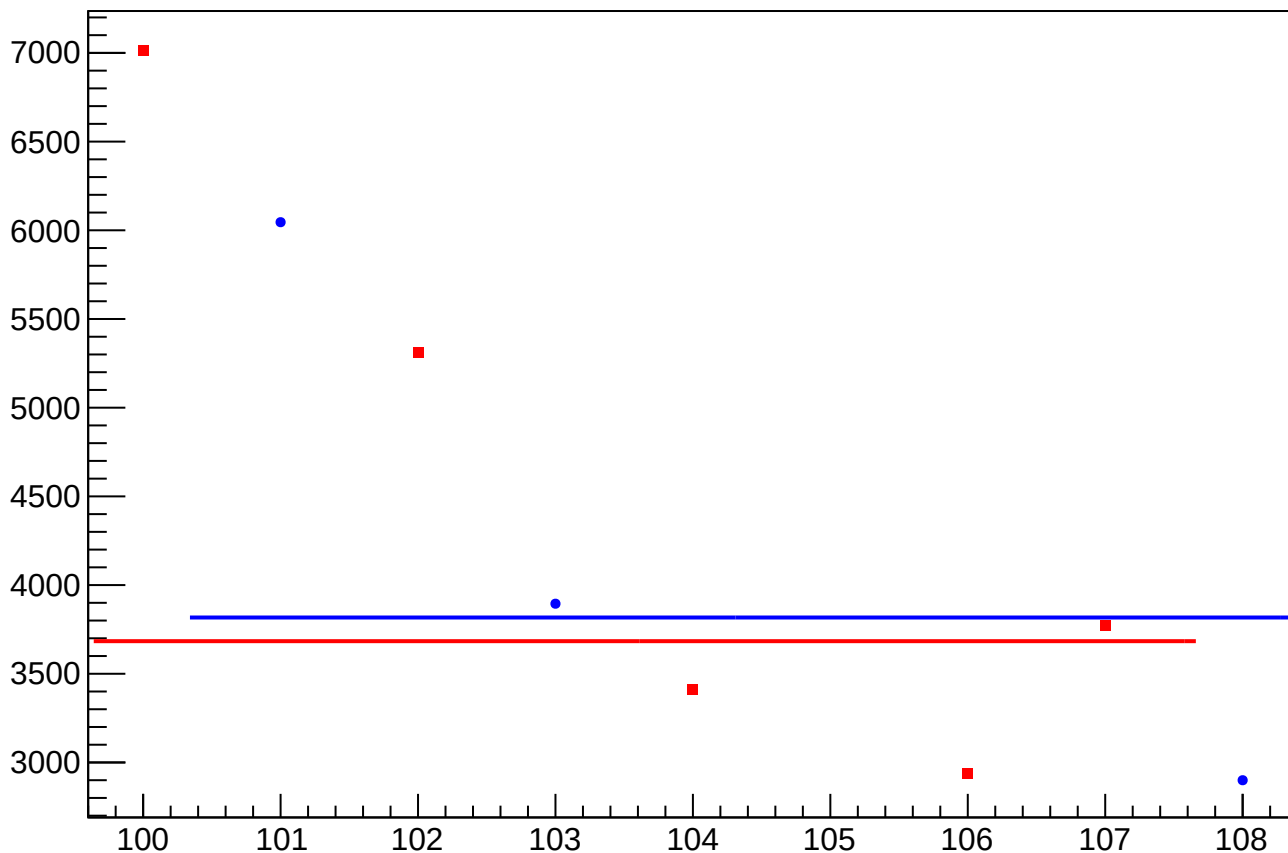
Right: -414.129+/-2109.417 χ^2/NDF : 5.2/7

In: -262.605+/-3092.807 χ^2/NDF : 4.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -414.129+/-2109.417 χ^2/NDF : 5.2/7

asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 3817.192+/-2.187 χ^2/NDF : 257772.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3683.760+/-2.040 χ^2/NDF : 190359.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

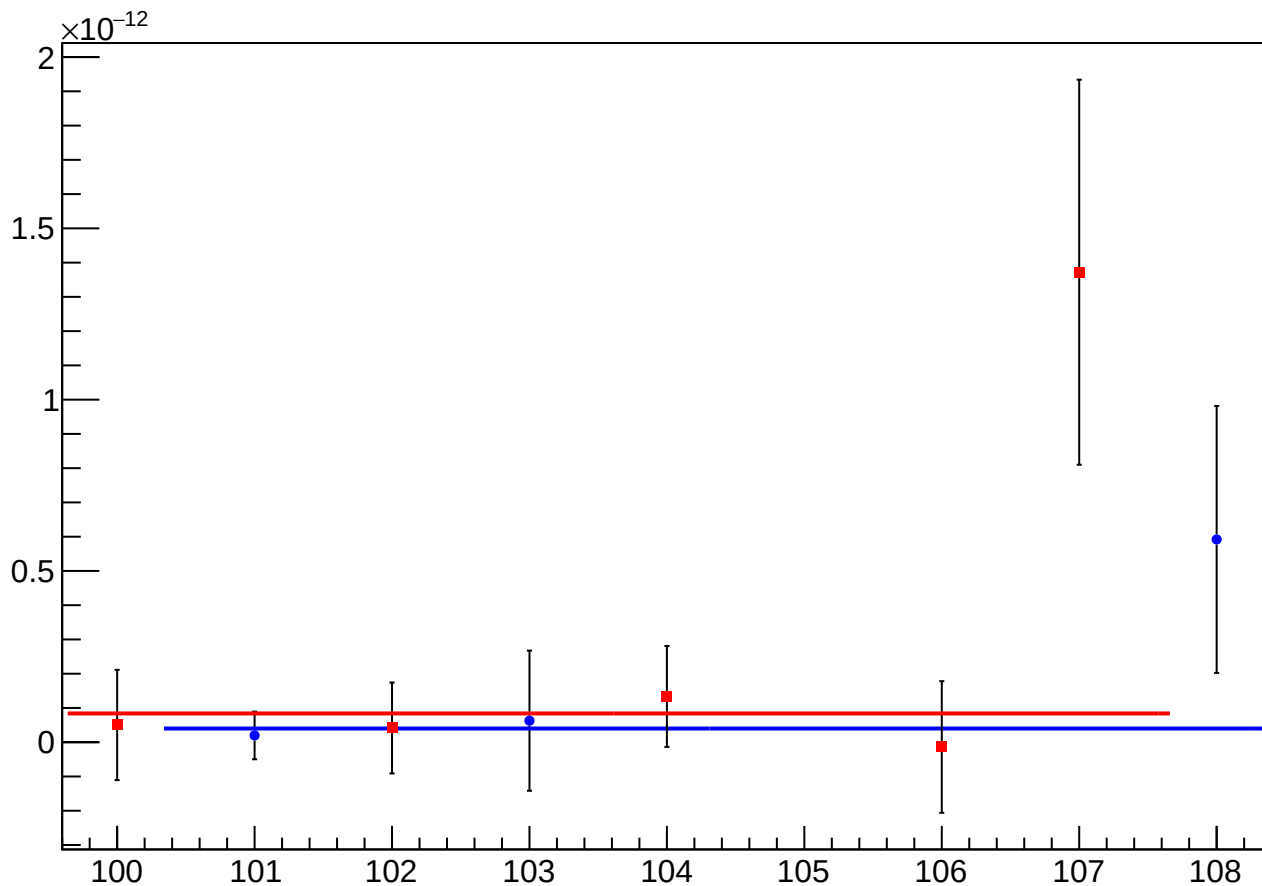
Right: 3745.827+/-1.492 χ^2/NDF : 450122.2/7

In: 3817.192+/-2.187 χ^2/NDF : 257772.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3745.827+/-1.492 χ^2/NDF : 450122.2/7

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

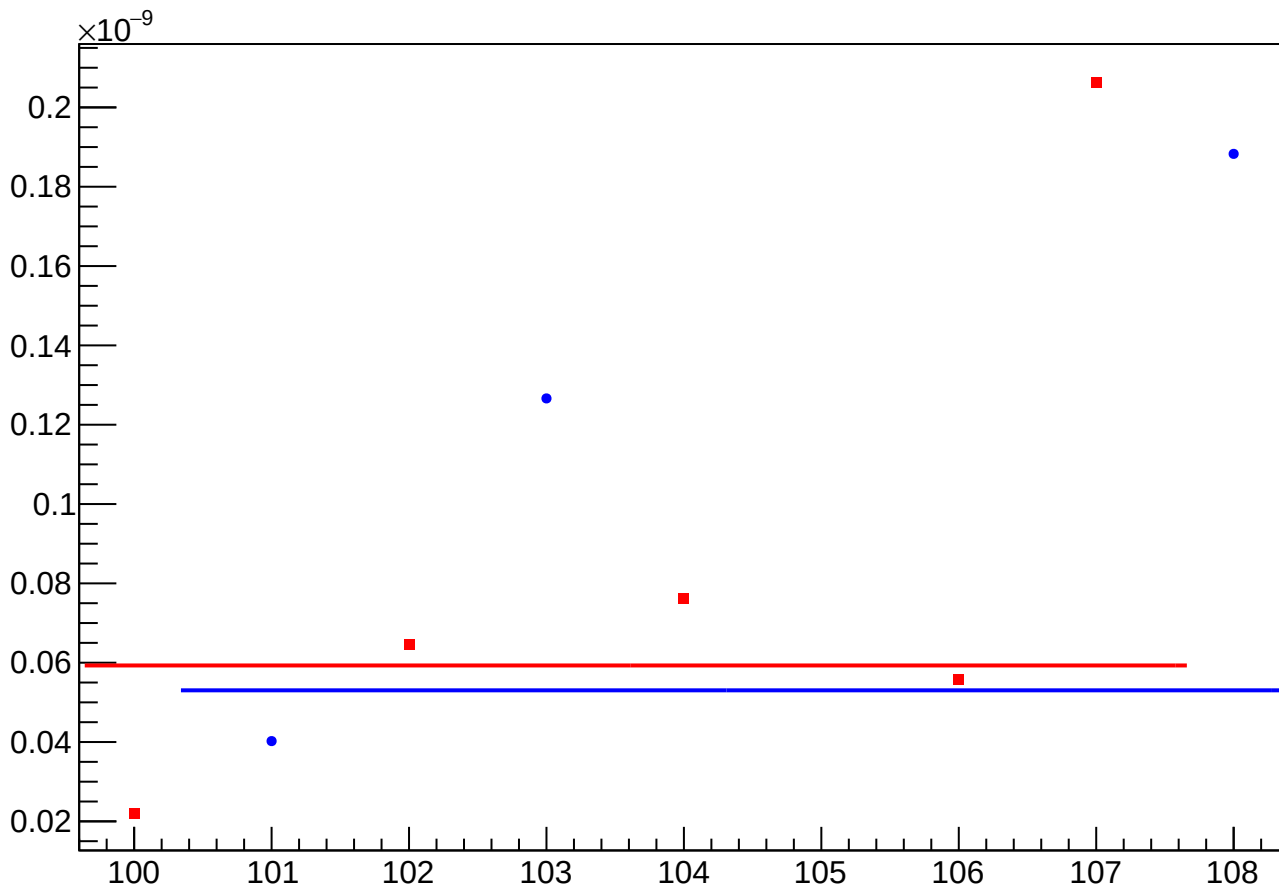
Right: 0.000+/-0.000 χ^2/NDF : 8.1/7

In: 0.000+/-0.000 χ^2/NDF : 2.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.1/7

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 567600.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 273890.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

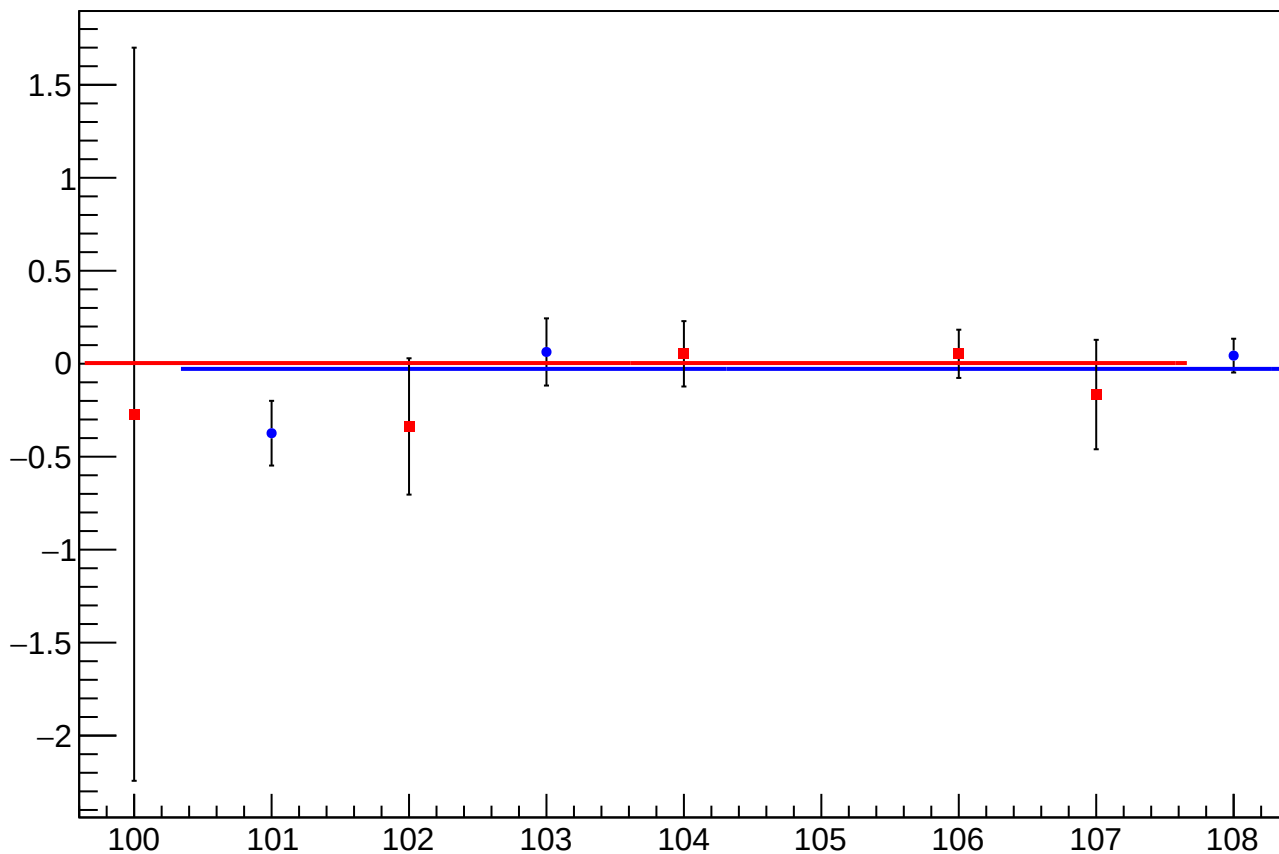
Right: 0.000+/-0.000 χ^2/NDF : 849325.4/7

In: 0.000+/-0.000 χ^2/NDF : 567600.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 849325.4/7

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028 $\pm$ 0.074 χ^2 /NDF: 4.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.095 χ^2 /NDF: 1.4/4

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

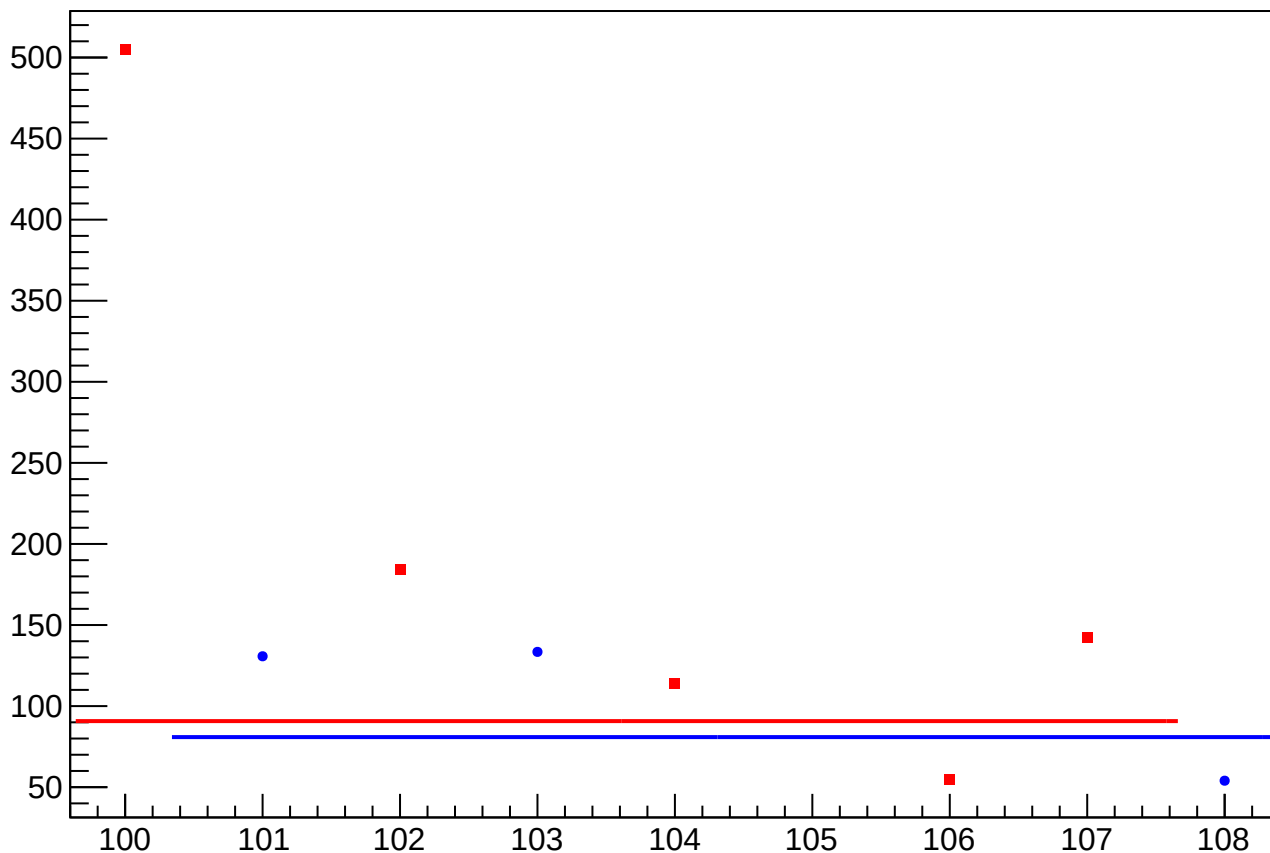
Right: -0.016 $\pm$ 0.058 χ^2 /NDF: 6.3/7

In: -0.028 $\pm$ 0.074 χ^2 /NDF:4.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.016 $\pm$ 0.058 χ^2 /NDF: 6.3/7

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 80.883+/-0.052 χ^2/NDF : 508473.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.748+/-0.067 χ^2/NDF : 472291.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

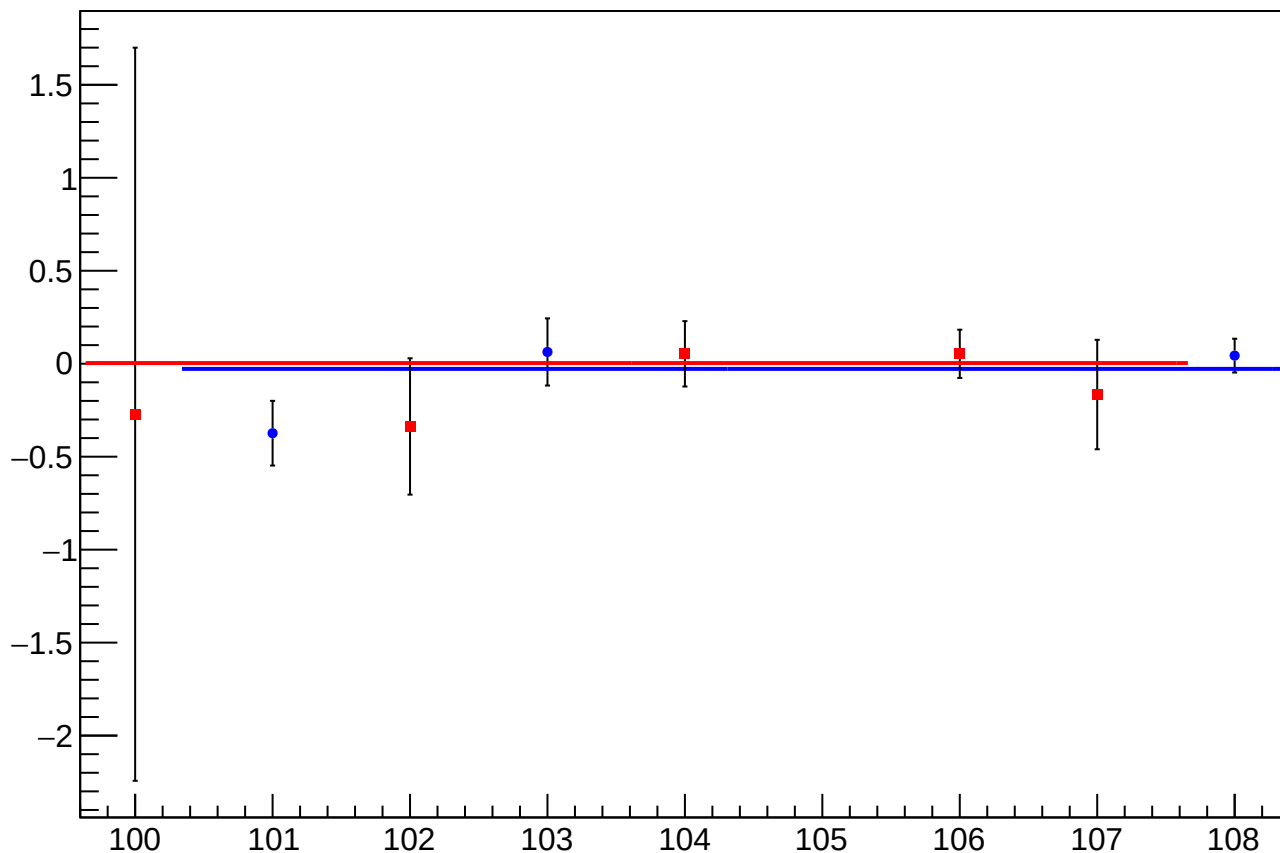
Right: 84.586+/-0.041 χ^2/NDF : 994264.9/7

In: 80.883+/-0.052 χ^2/NDF : 508473.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.586+/-0.041 χ^2/NDF : 994264.9/7

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028 $\pm$ 0.074 χ^2 /NDF: 4.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.095 χ^2 /NDF: 1.4/4

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

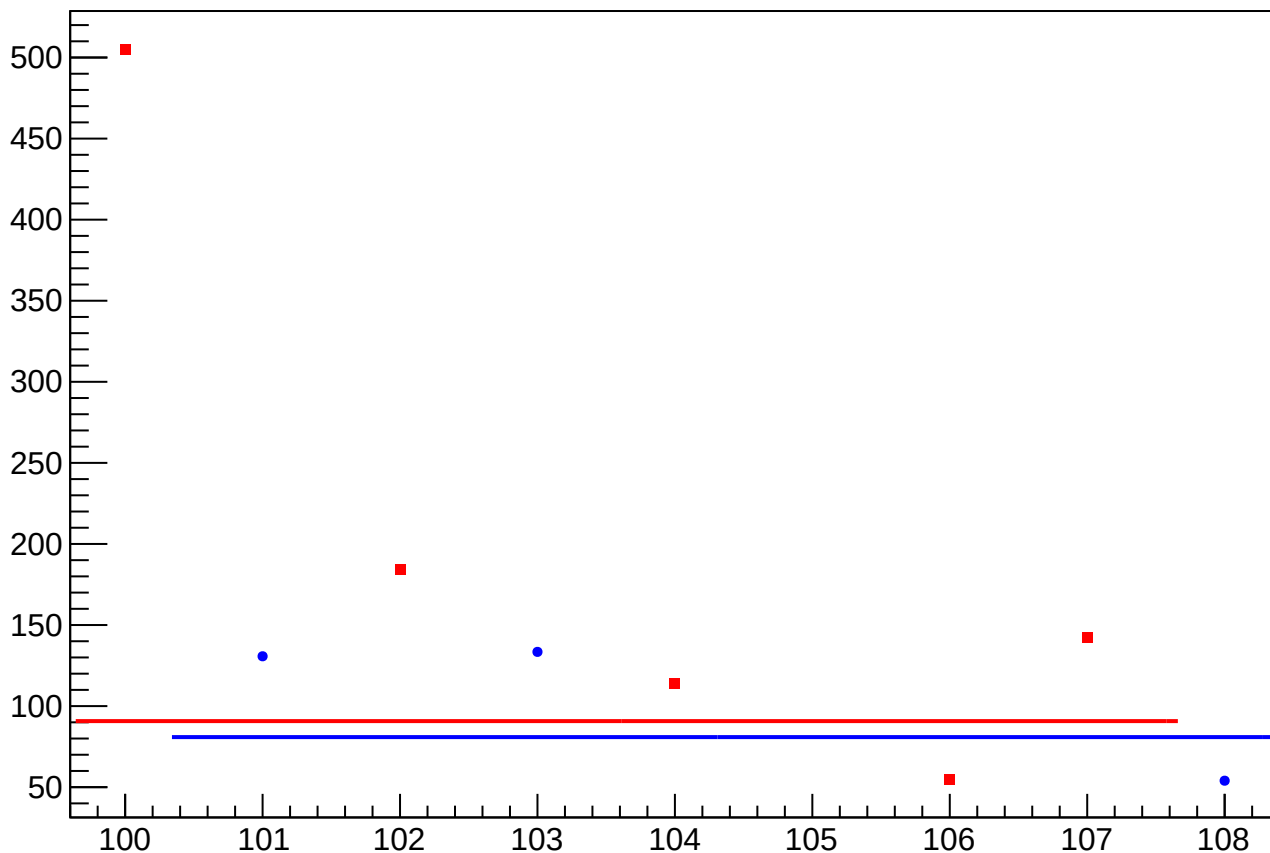
Right: -0.016 $\pm$ 0.058 χ^2 /NDF: 6.3/7

In: -0.028 $\pm$ 0.074 χ^2 /NDF:4.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.016 $\pm$ 0.058 χ^2 /NDF: 6.3/7

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 80.883+/-0.052 χ^2/NDF : 508473.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.748+/-0.067 χ^2/NDF : 472291.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

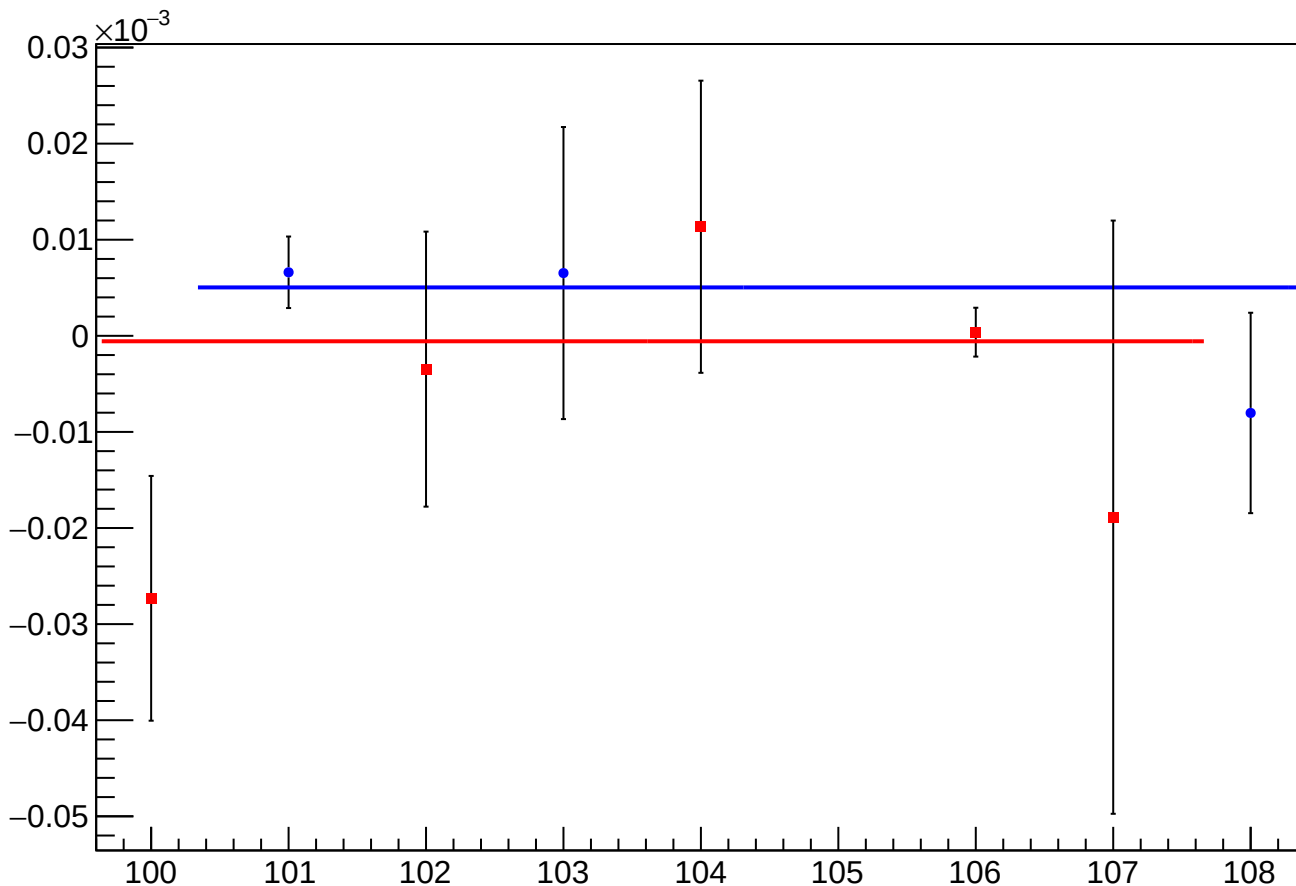
Right: 84.586+/-0.041 χ^2/NDF : 994264.9/7

In: 80.883+/-0.052 χ^2/NDF : 508473.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.586+/-0.041 χ^2/NDF : 994264.9/7

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

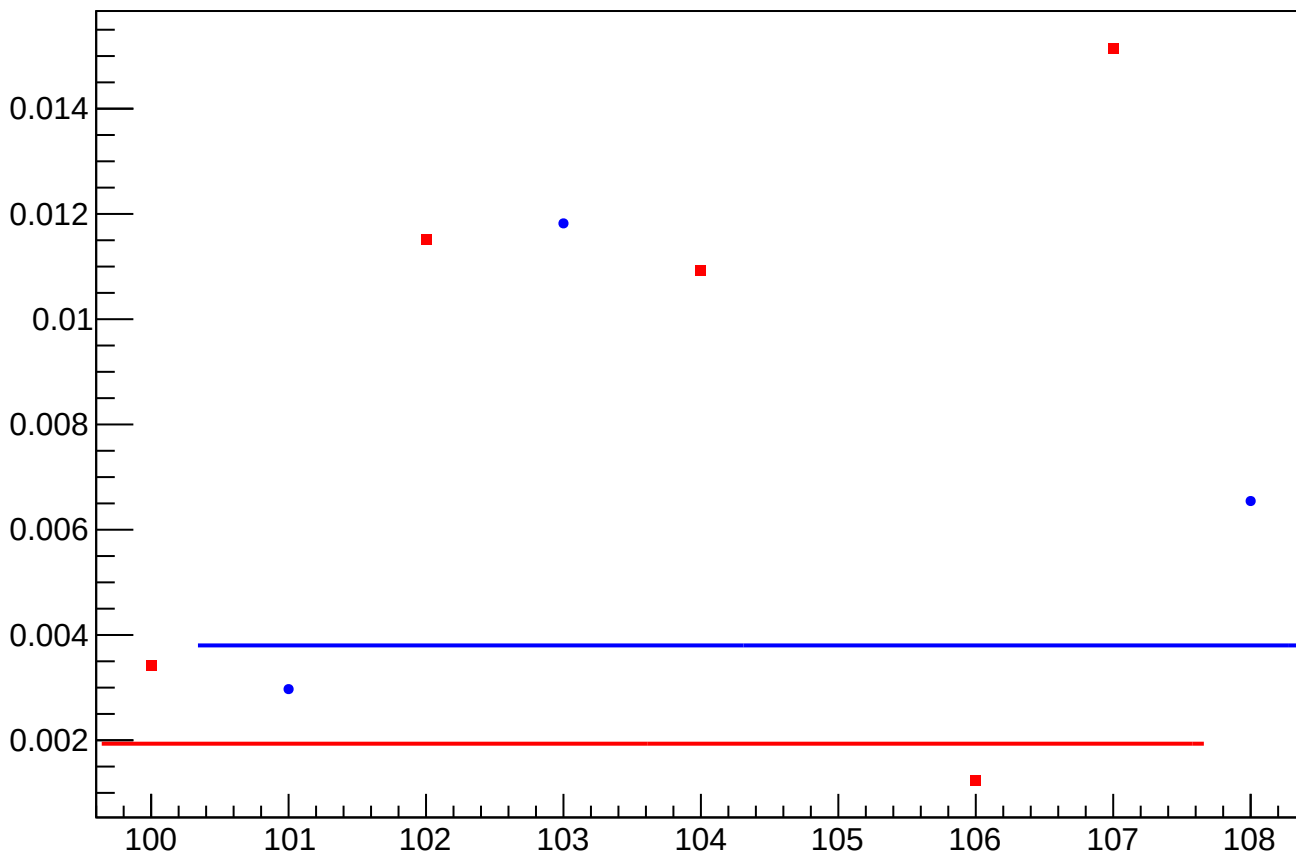
Right: 0.000+/-0.000 χ^2/NDF : 9.1/7

In: 0.000+/-0.000 χ^2/NDF : 1.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.1/7

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 : 794880.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2143369.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

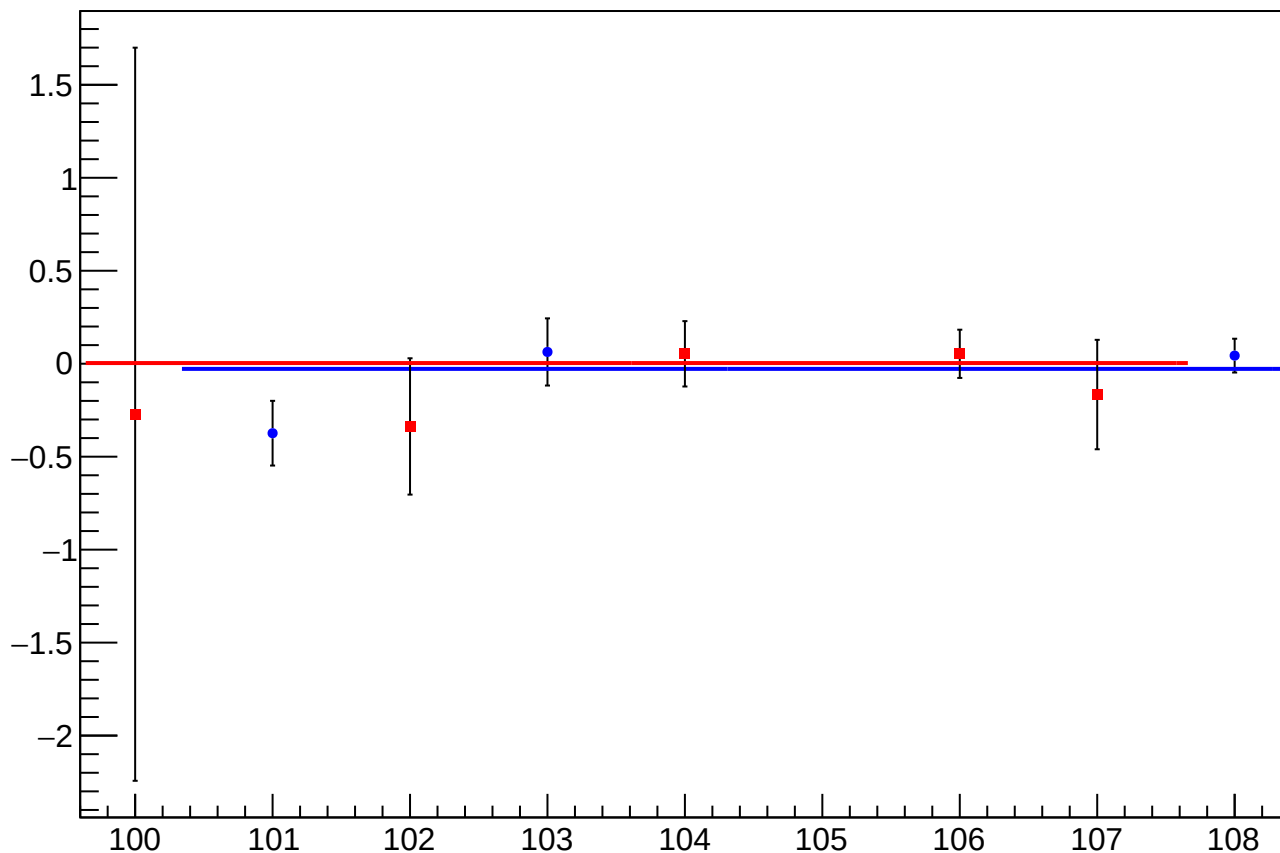
Right: 0.003+/-0.000 χ^2/NDF : 3336591.1/7

In: 0.004+/-0.000 χ^2/NDF : 794880.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3336591.1/7

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028 $\pm$ 0.074 χ^2 /NDF: 4.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.095 χ^2 /NDF: 1.4/4

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

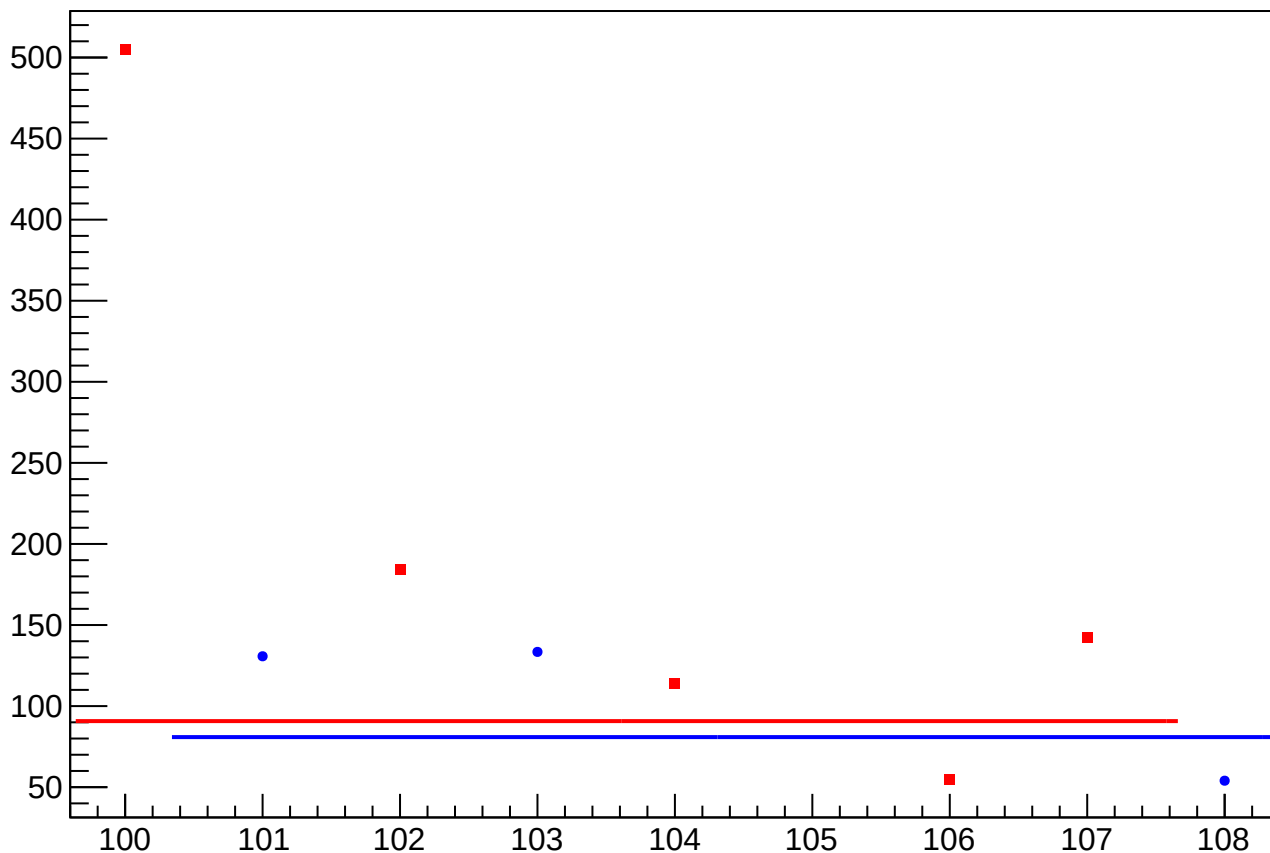
Right: -0.016 $\pm$ 0.058 χ^2 /NDF: 6.3/7

In: -0.028 $\pm$ 0.074 χ^2 /NDF:4.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.016 $\pm$ 0.058 χ^2 /NDF: 6.3/7

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 80.881+/-0.052 χ^2/NDF : 508451.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.744+/-0.067 χ^2/NDF : 472272.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

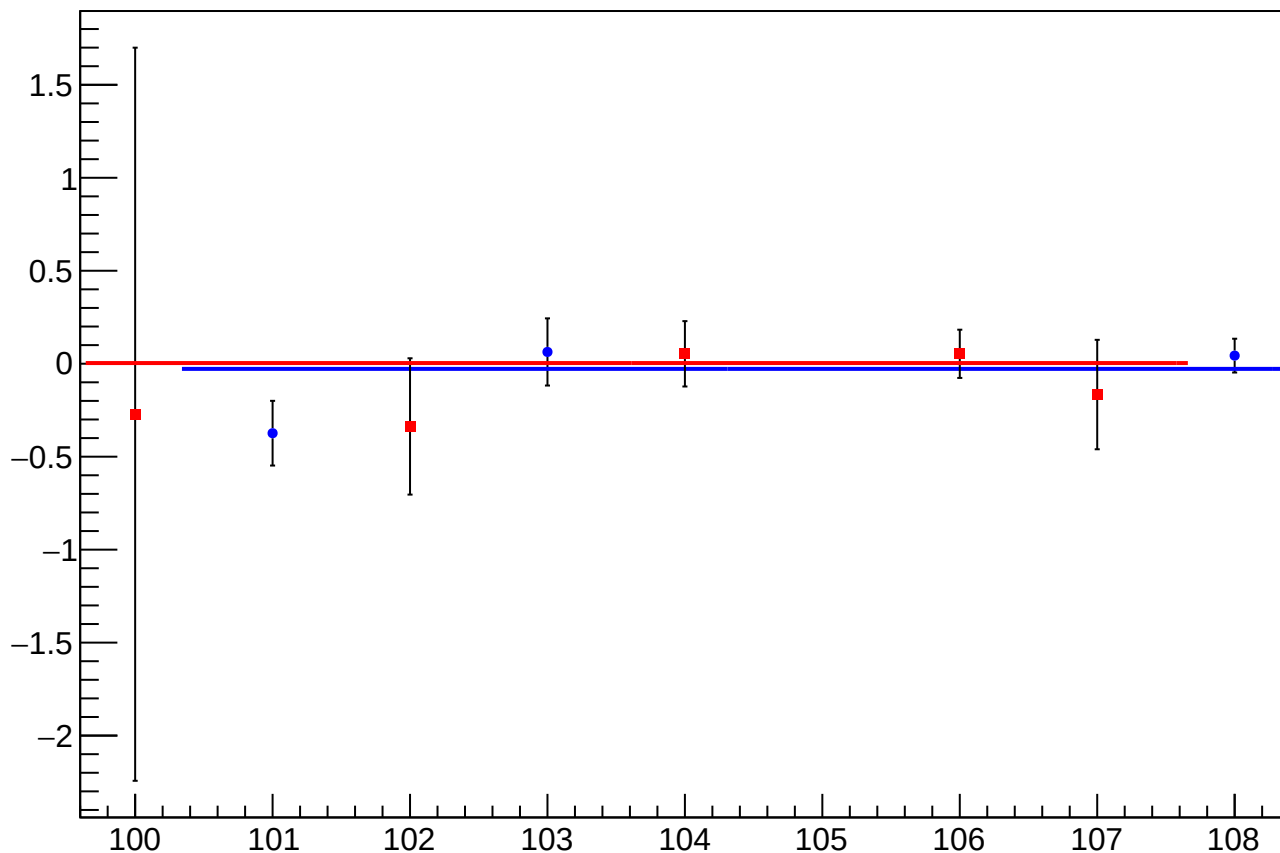
Right: 84.584+/-0.041 χ^2/NDF : 994219.5/7

In: 80.881+/-0.052 χ^2/NDF : 508451.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.584+/-0.041 χ^2/NDF : 994219.5/7

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.028 $\pm$ 0.074 χ^2 /NDF: 4.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.095 χ^2 /NDF: 1.4/4

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

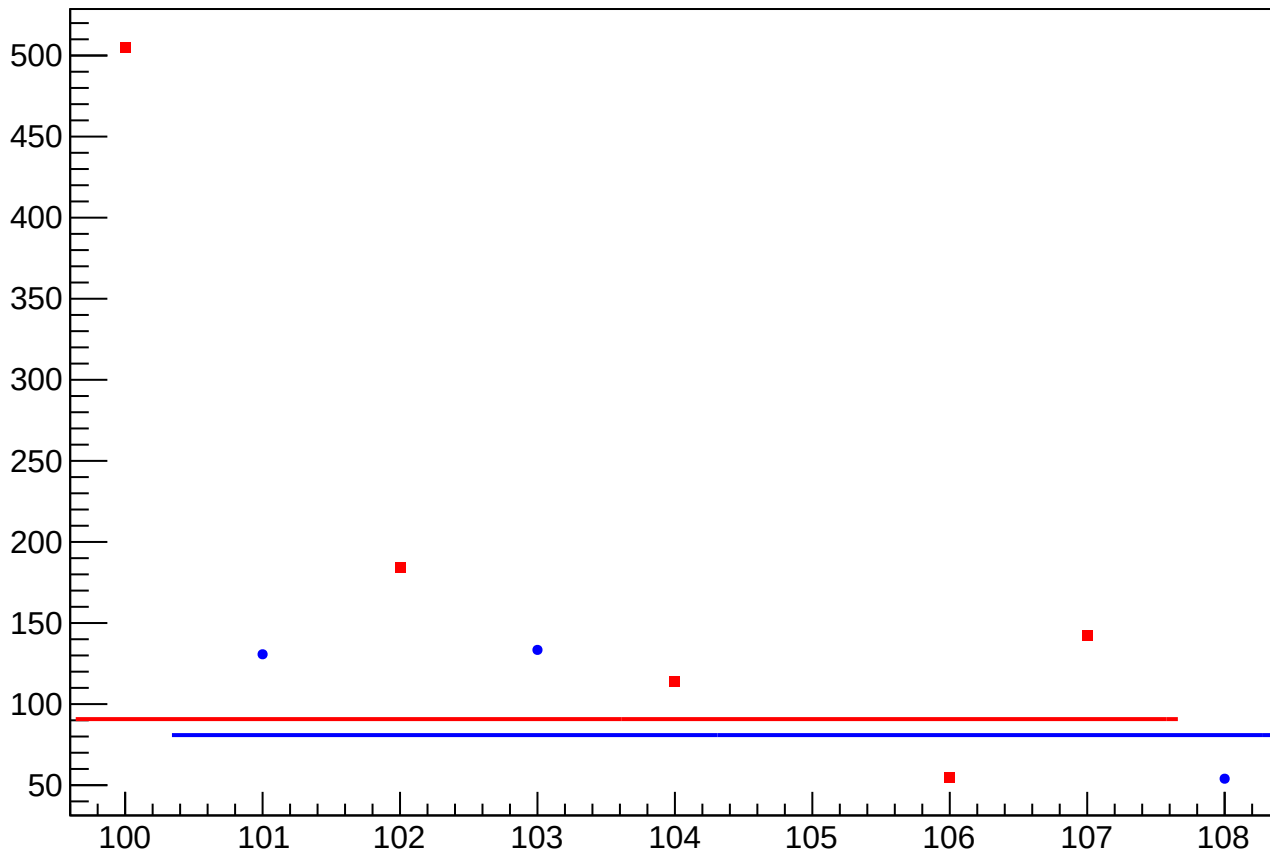
Right: -0.016 $\pm$ 0.058 χ^2 /NDF: 6.3/7

In: -0.028 $\pm$ 0.074 χ^2 /NDF:4.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.016 $\pm$ 0.058 χ^2 /NDF: 6.3/7

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 80.881+/-0.052 χ^2/NDF : 508451.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.744+/-0.067 χ^2/NDF : 472272.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

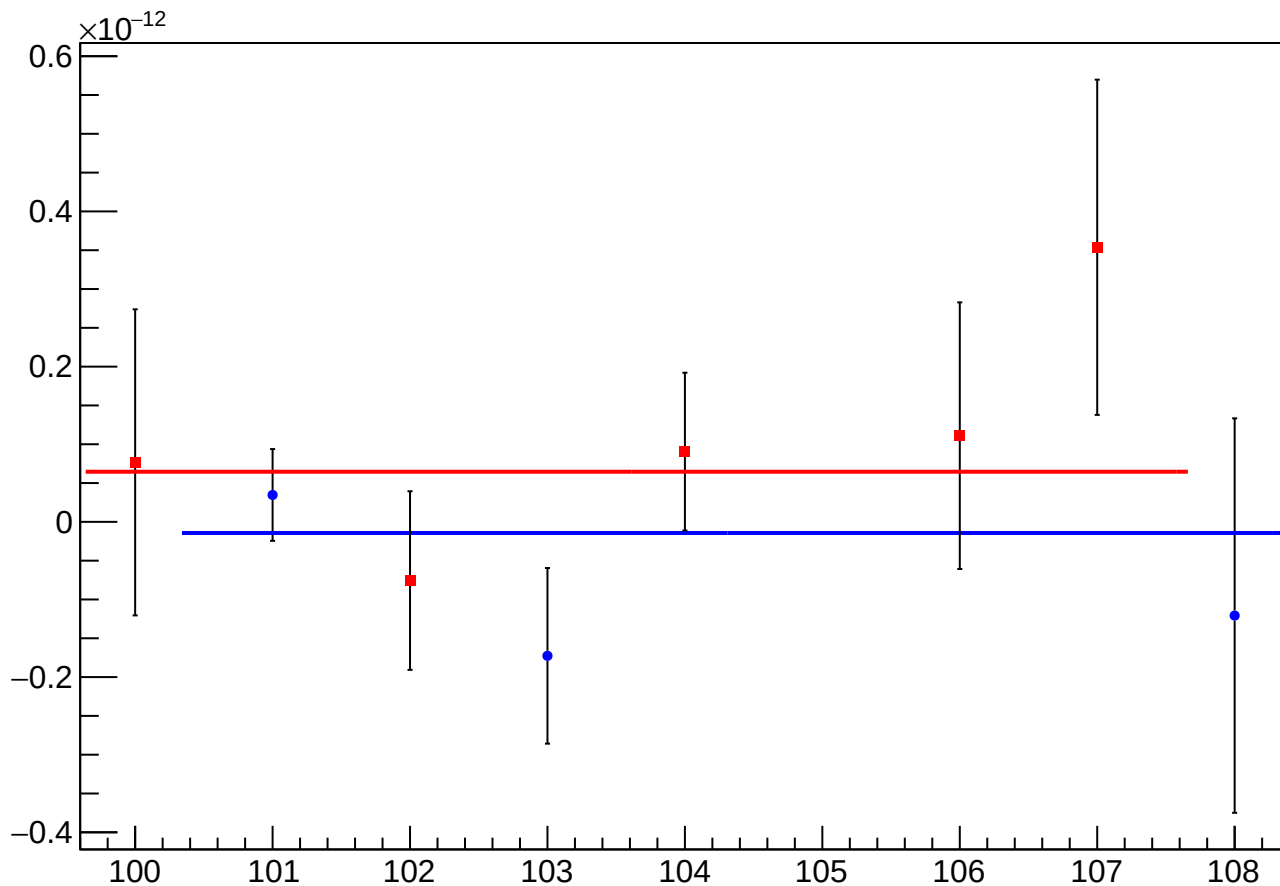
Right: 84.584+/-0.041 χ^2/NDF : 994219.5/7

In: 80.881+/-0.052 χ^2/NDF : 508451.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.584+/-0.041 χ^2/NDF : 994219.5/7

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 : 2.8/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 3.4/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

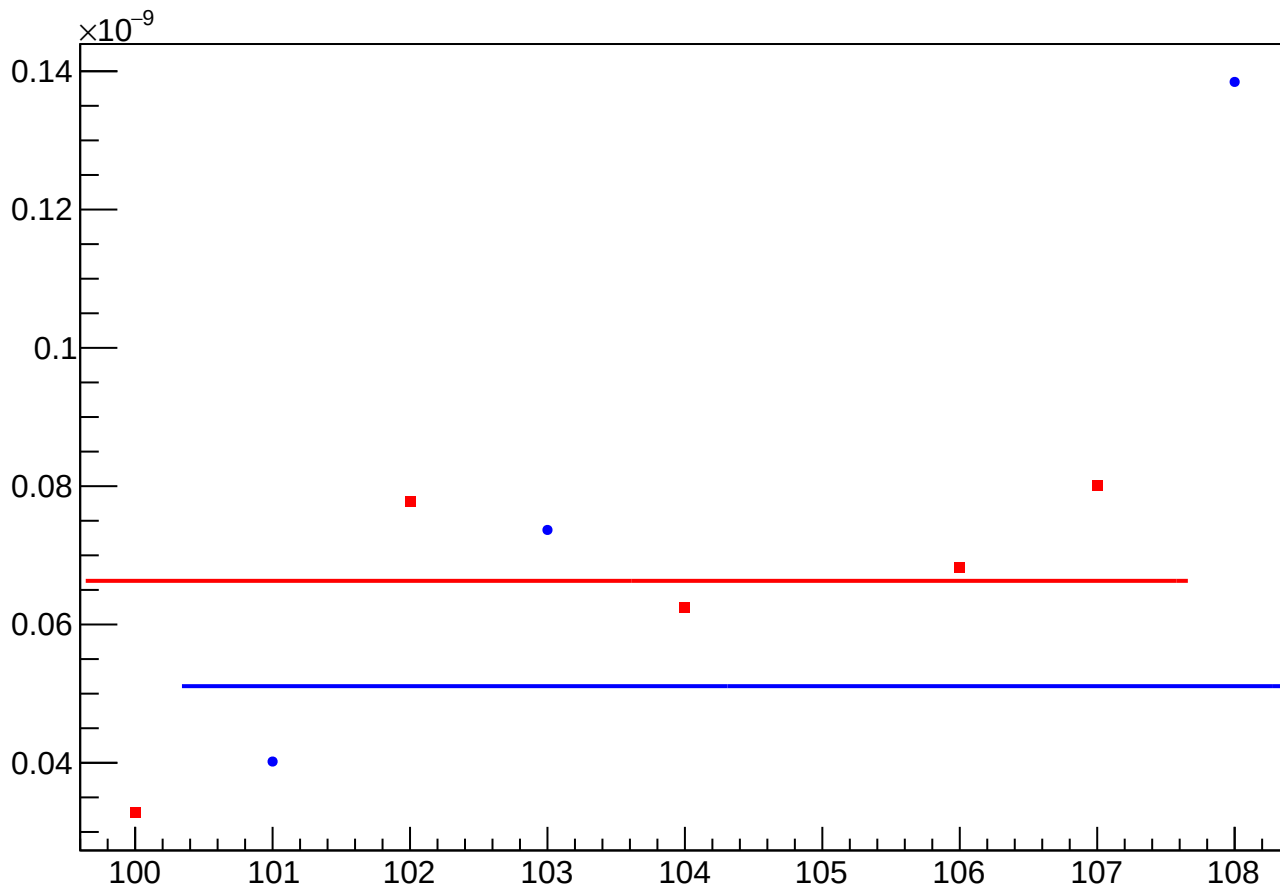
Right: 0.000 ± 0.000 χ^2/NDF : 7.2/7

In: -0.000 ± 0.000 χ^2/NDF : 2.8/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 7.2/7

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 : 384098.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 89024.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

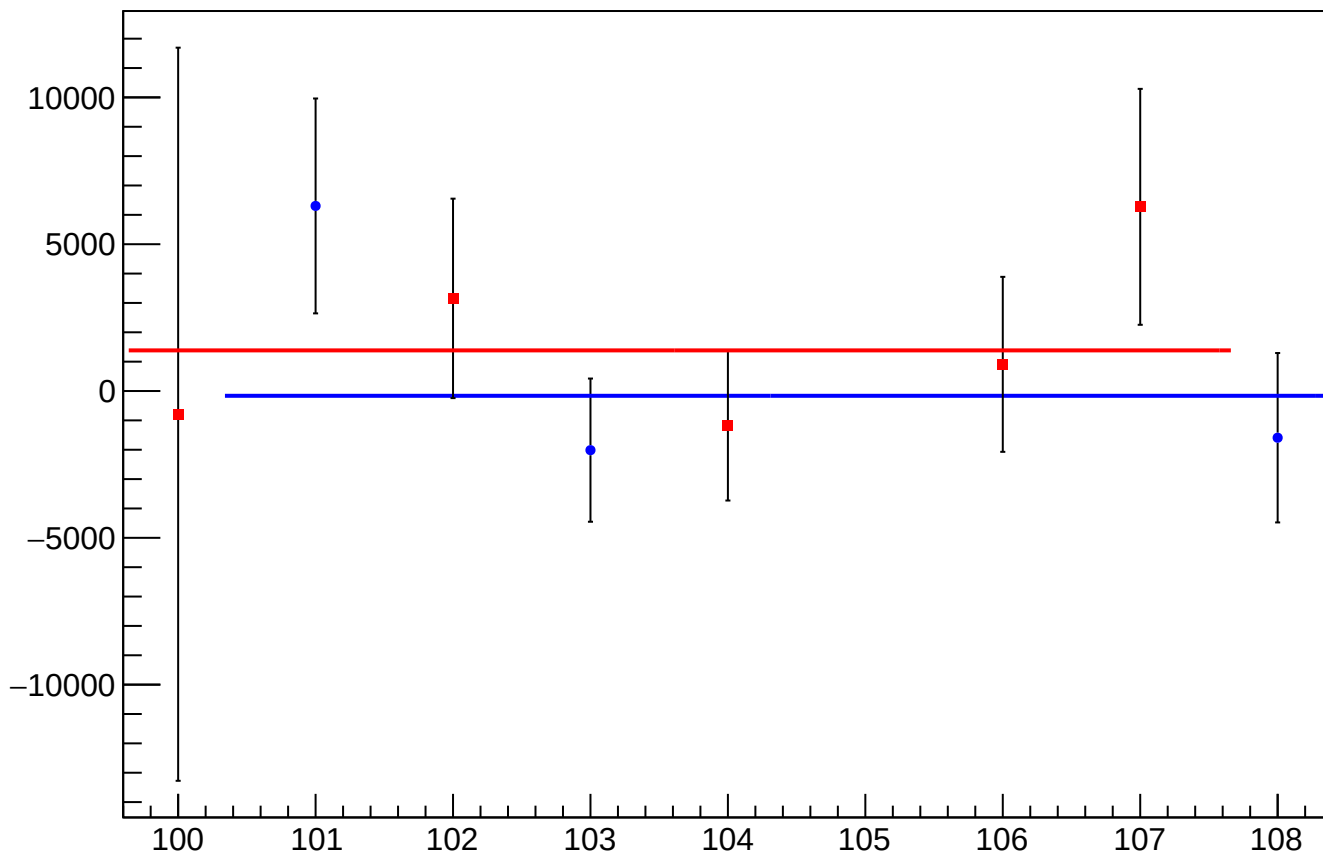
Right: 0.000+/-0.000 χ^2/NDF : 543593.8/7

In: 0.000+/-0.000 χ^2/NDF : 384098.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 543593.8/7

reg_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -162.678+/-1659.769 χ^2/NDF : 3.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1383.865+/-1542.858 χ^2/NDF : 2.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

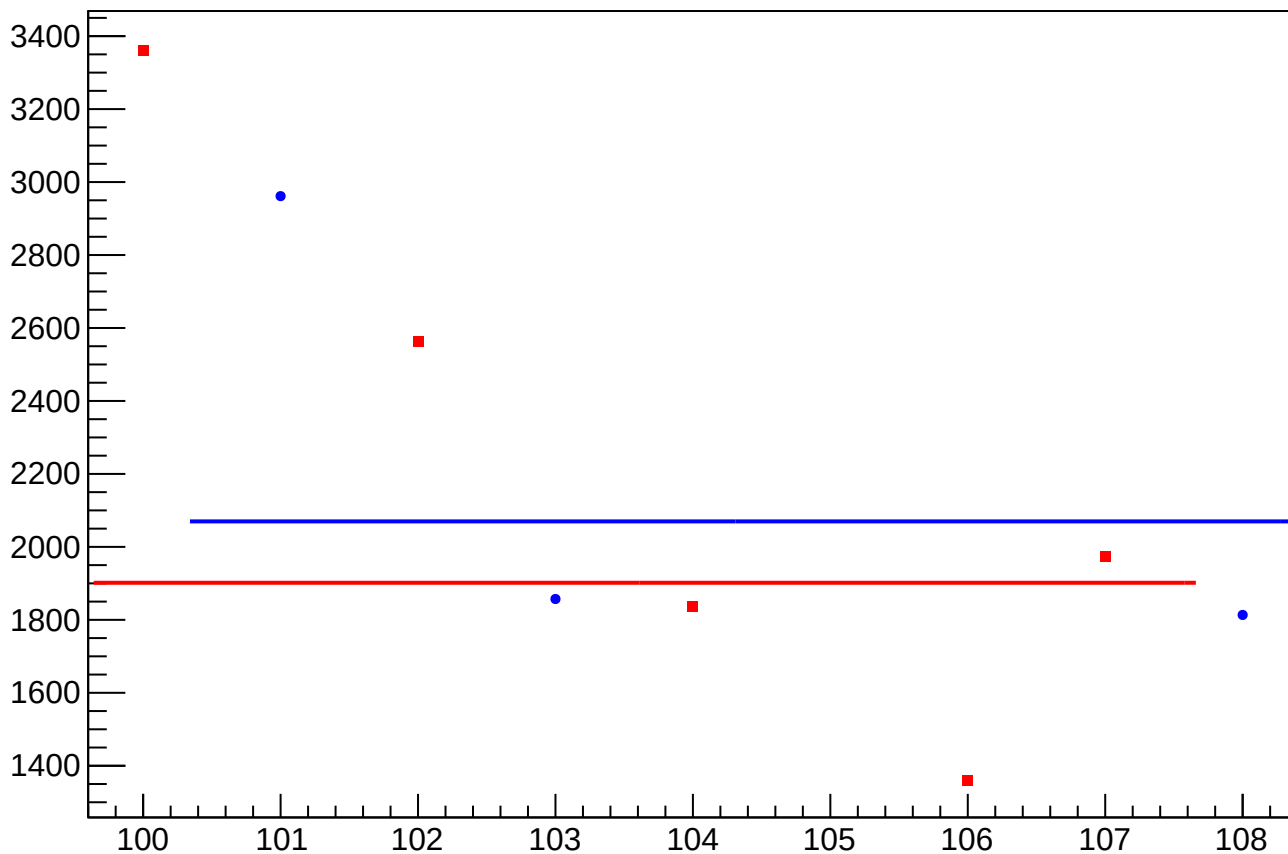
Right: 666.975+/-1130.038 χ^2/NDF : 7.2/7

In: -162.678+/-1659.769 χ^2/NDF : 3.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 666.975+/-1130.038 χ^2/NDF : 7.2/7

reg_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2069.871+/-1.174 χ^2/NDF : 149746.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1901.657+/-1.091 χ^2/NDF : 170668.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

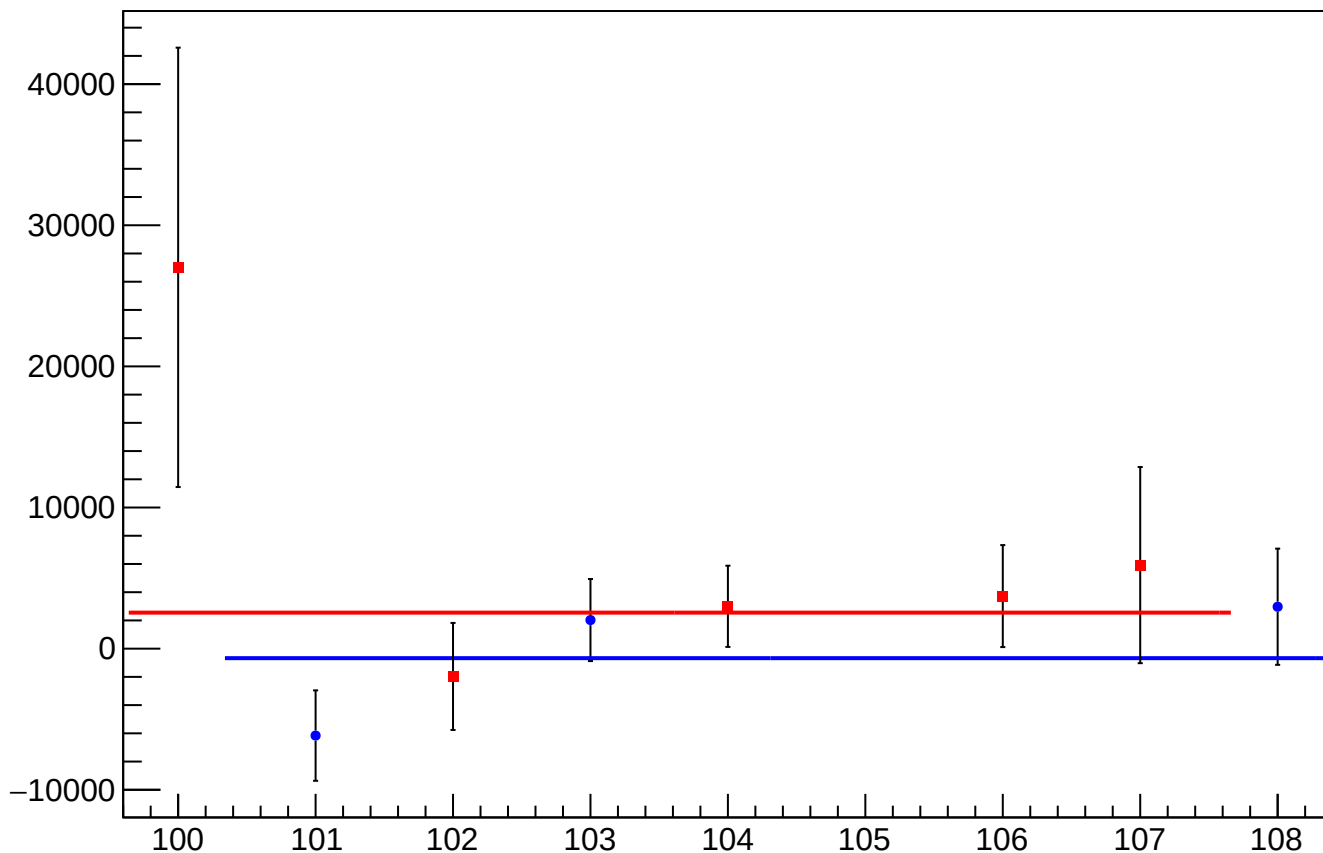
Right: 1979.630+/-0.799 χ^2/NDF : 331435.4/7

In: 2069.871+/-1.174 χ^2/NDF : 149746.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1979.630+/-0.799 χ^2/NDF : 331435.4/7

asym_us_dd_at2lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -673.847+/-1908.041 χ^2/NDF : 4.6/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2553.259+/-1851.203 χ^2/NDF : 4.3/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

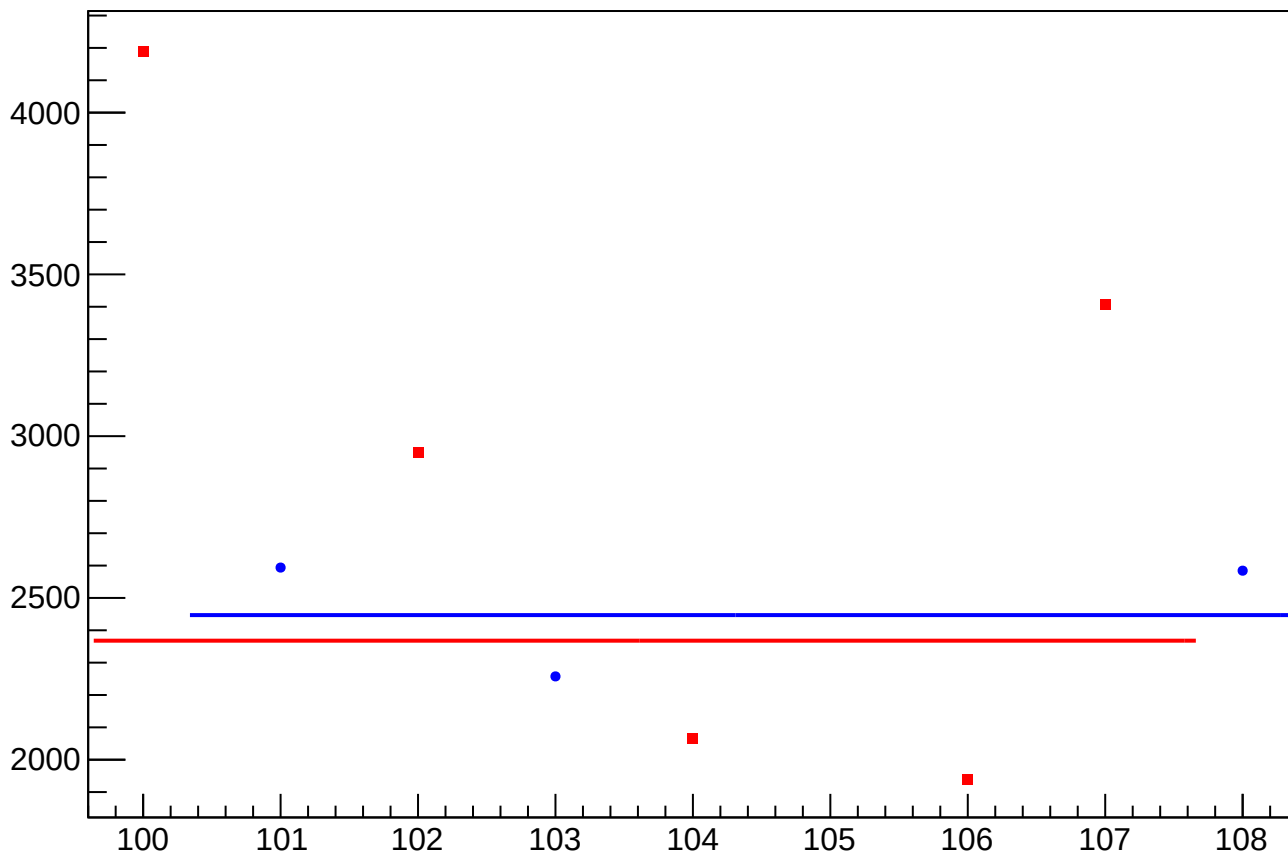
Right: 988.487+/-1328.638 χ^2/NDF : 10.3/7

In: -673.847+/-1908.041 χ^2/NDF :4.6/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 988.487+/-1328.638 χ^2/NDF : 10.3/7

asym_us_dd_at2lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2446.971+/-1.349 χ^2/NDF : 14918.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2367.903+/-1.309 χ^2/NDF : 169897.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

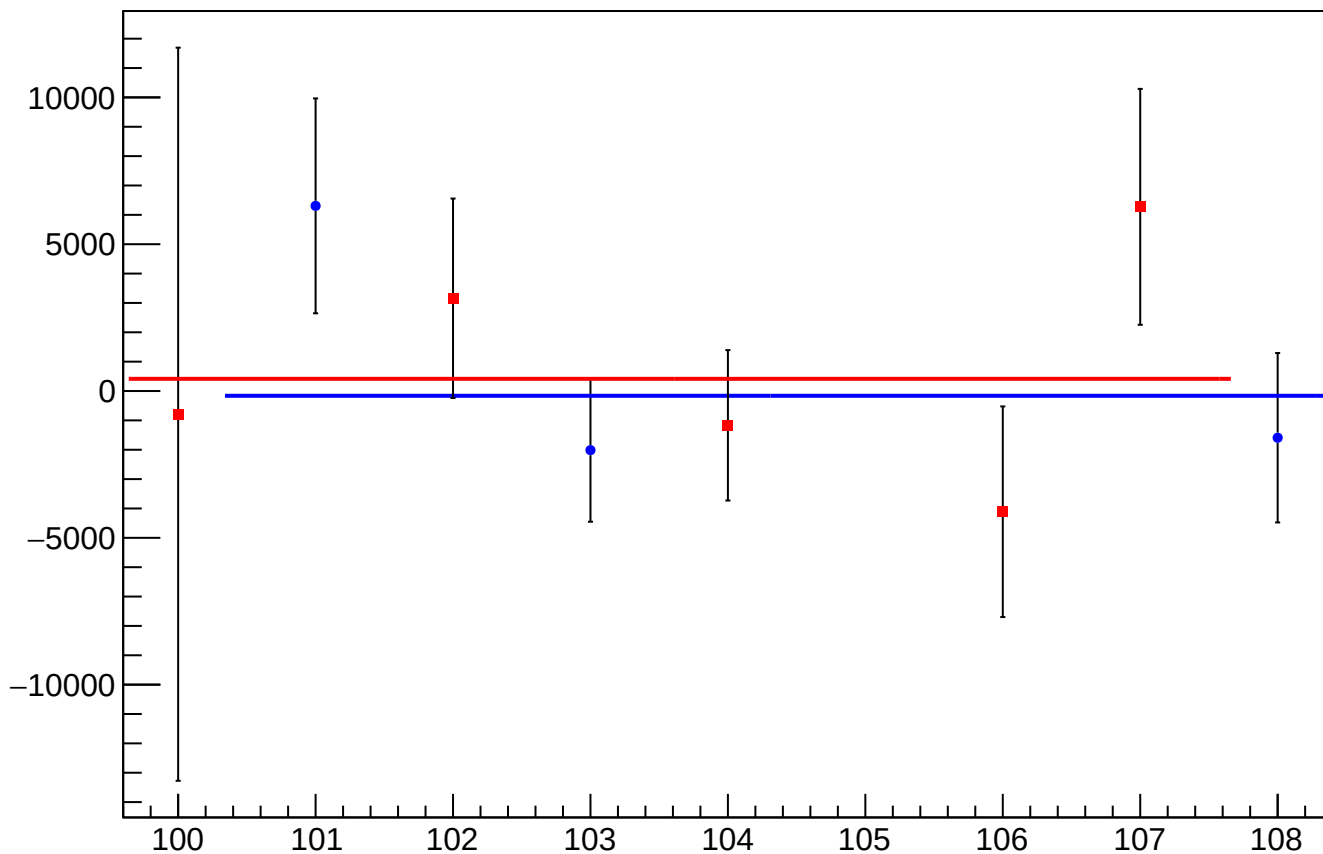
Right: 2406.242+/-0.939 χ^2/NDF : 186585.6/7

In: 2446.971+/-1.349 χ^2/NDF : 14918.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2406.242+/-0.939 χ^2/NDF : 186585.6/7

cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -162.109+/-1659.770 χ^2/NDF : 3.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 415.132+/-1611.243 χ^2/NDF : 4.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

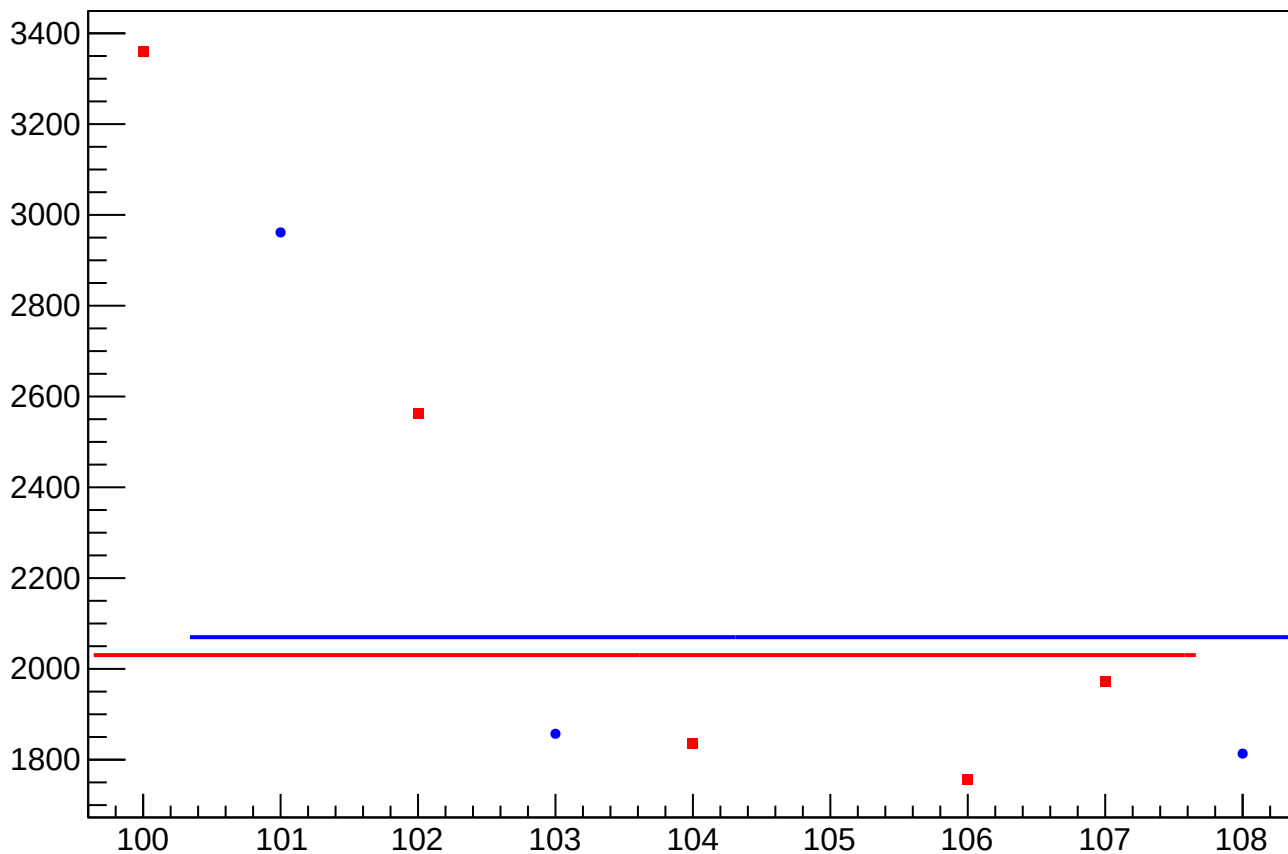
Right: 135.073+/-1156.096 χ^2/NDF : 8.8/7

In: -162.109+/-1659.770 χ^2/NDF : 3.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.073+/-1156.096 χ^2/NDF : 8.8/7

cor_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2069.870+/-1.174 χ^2/NDF : 149747.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2030.382+/-1.139 χ^2/NDF : 95332.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

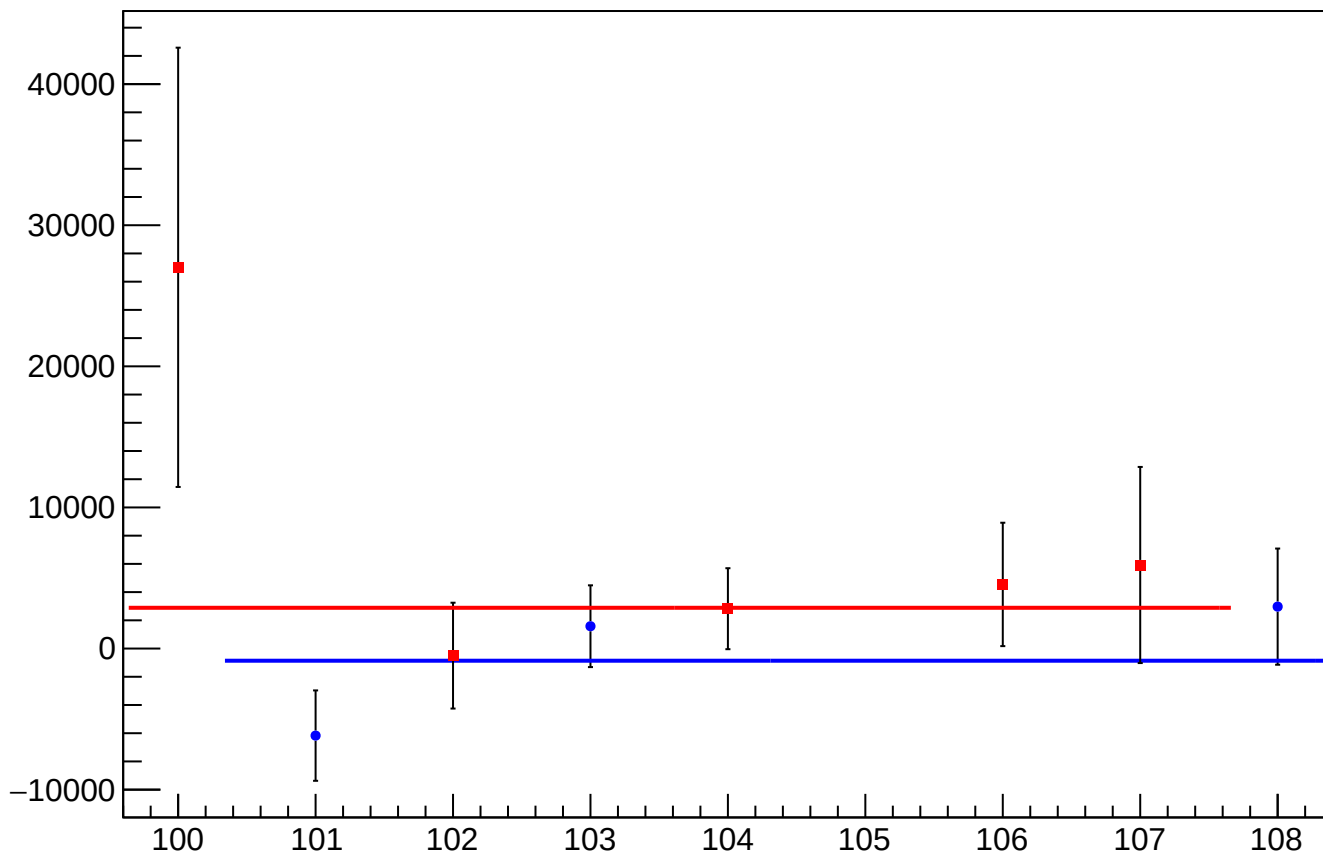
Right: 2049.540+/-0.817 χ^2/NDF : 245662.1/7

In: 2069.870+/-1.174 χ^2/NDF : 149747.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2049.540+/-0.817 χ^2/NDF : 245662.1/7

asym_us_dd_at2lr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -862.638+/-1904.852 χ^2/NDF : 4.3/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2888.726+/-1925.719 χ^2/NDF : 3.6/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

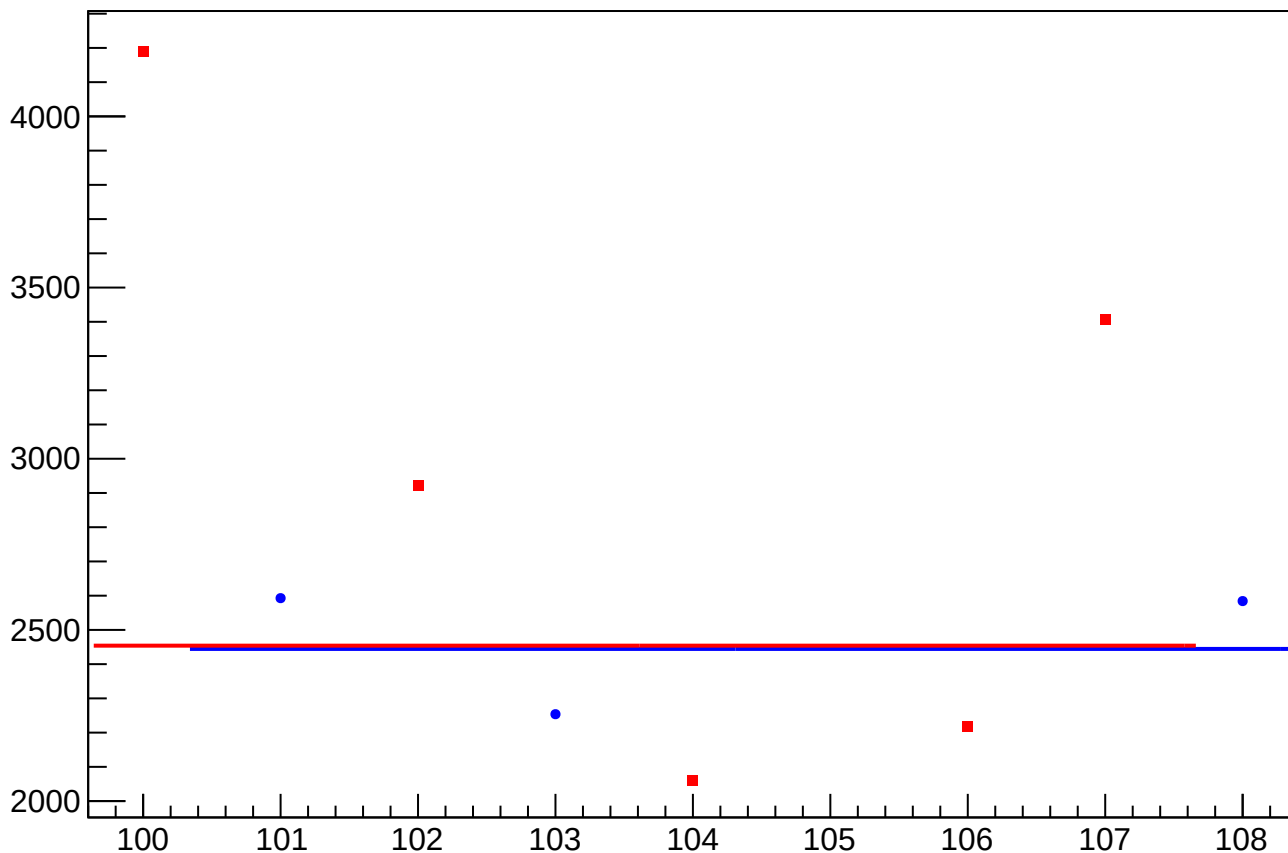
Right: 992.608+/-1354.251 χ^2/NDF : 9.8/7

In: -862.638+/-1904.852 χ^2/NDF :4.3/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 992.608+/-1354.251 χ^2/NDF : 9.8/7

asym_us_dd_at2lr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2444.472+/-1.347 χ^2/NDF : 15252.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2454.003+/-1.362 χ^2/NDF : 136895.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

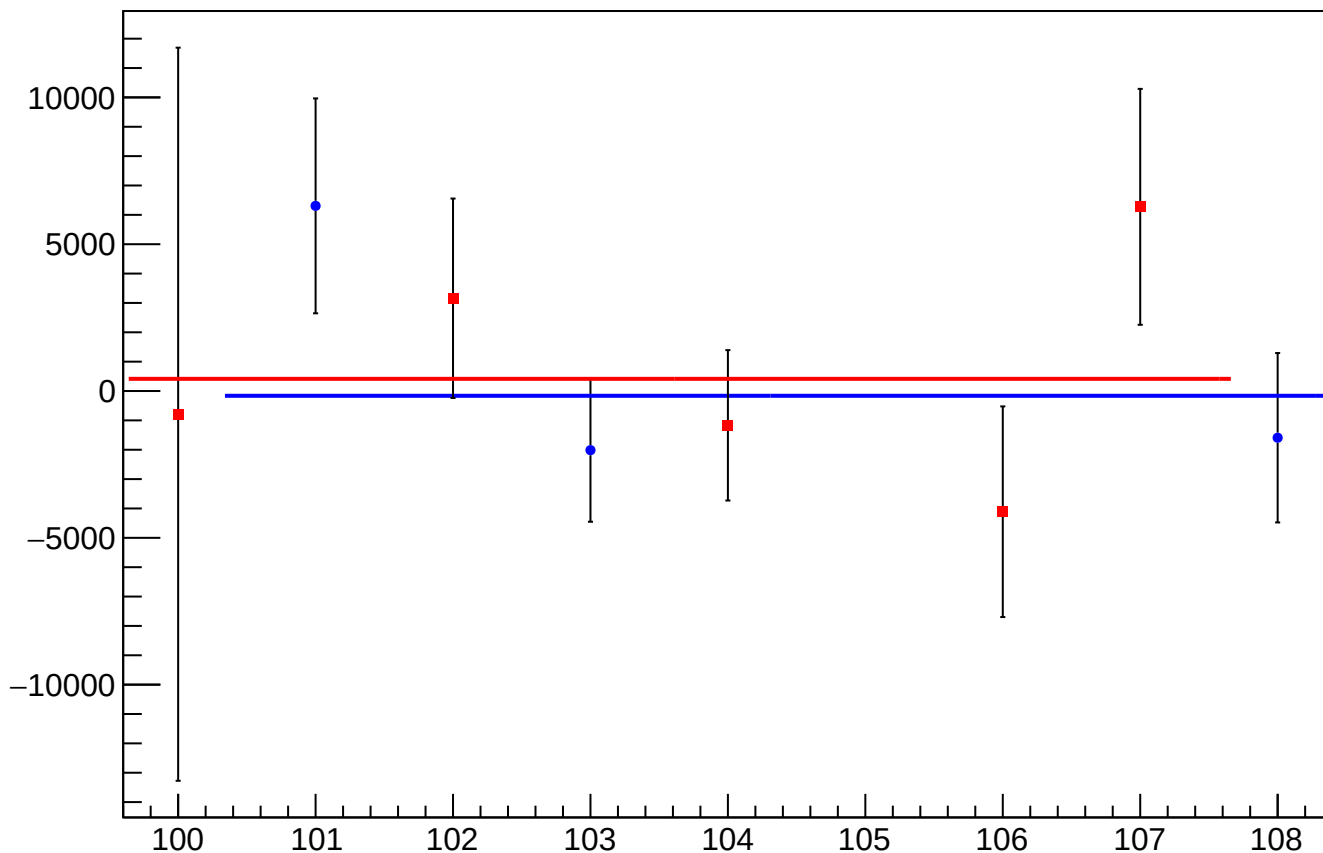
Right: 2449.186+/-0.958 χ^2/NDF : 152173.0/7

In: 2444.472+/-1.347 χ^2/NDF : 15252.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2449.186+/-0.958 χ^2/NDF : 152173.0/7

eigen_cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -162.109+/-1659.770 χ^2/NDF : 3.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 415.132+/-1611.243 χ^2/NDF : 4.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

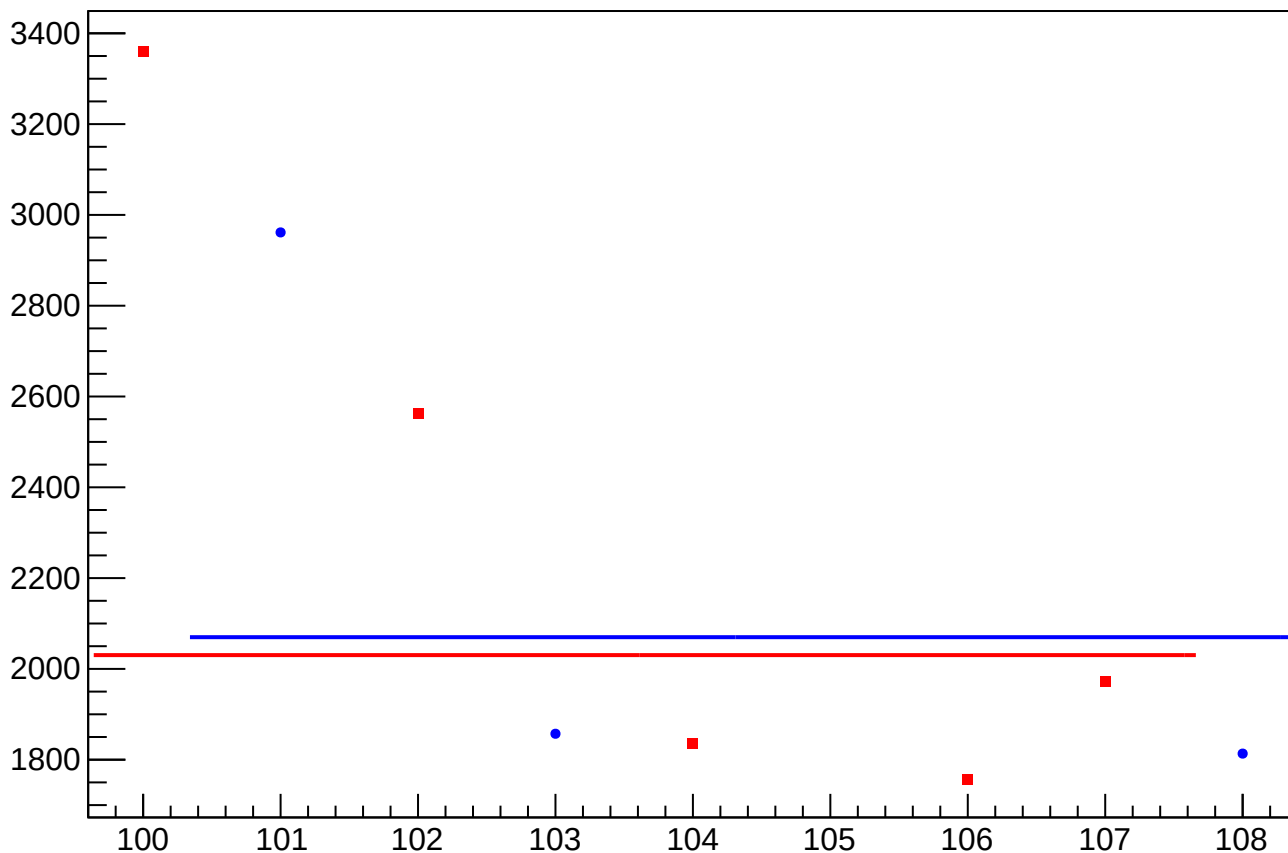
Right: 135.073+/-1156.096 χ^2/NDF : 8.8/7

In: -162.109+/-1659.770 χ^2/NDF : 3.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.073+/-1156.096 χ^2/NDF : 8.8/7

eigen_cor_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2069.870+/-1.174 χ^2/NDF : 149747.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2030.382+/-1.139 χ^2/NDF : 95332.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

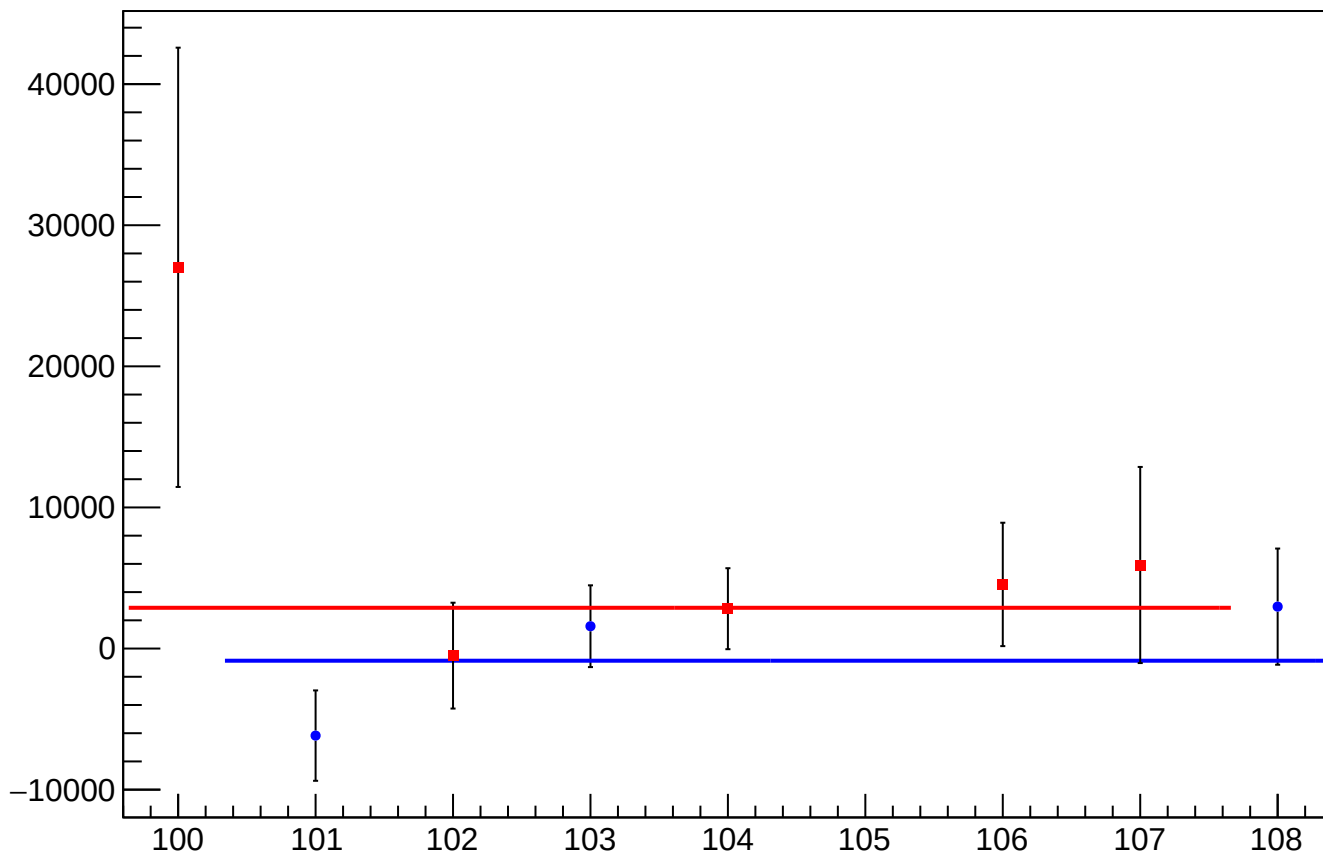
Right: 2049.540+/-0.817 χ^2/NDF : 245662.1/7

In: 2069.870+/-1.174 χ^2/NDF : 149747.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2049.540+/-0.817 χ^2/NDF : 245662.1/7

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -862.638+/-1904.852 χ^2/NDF : 4.3/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2888.726+/-1925.719 χ^2/NDF : 3.6/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

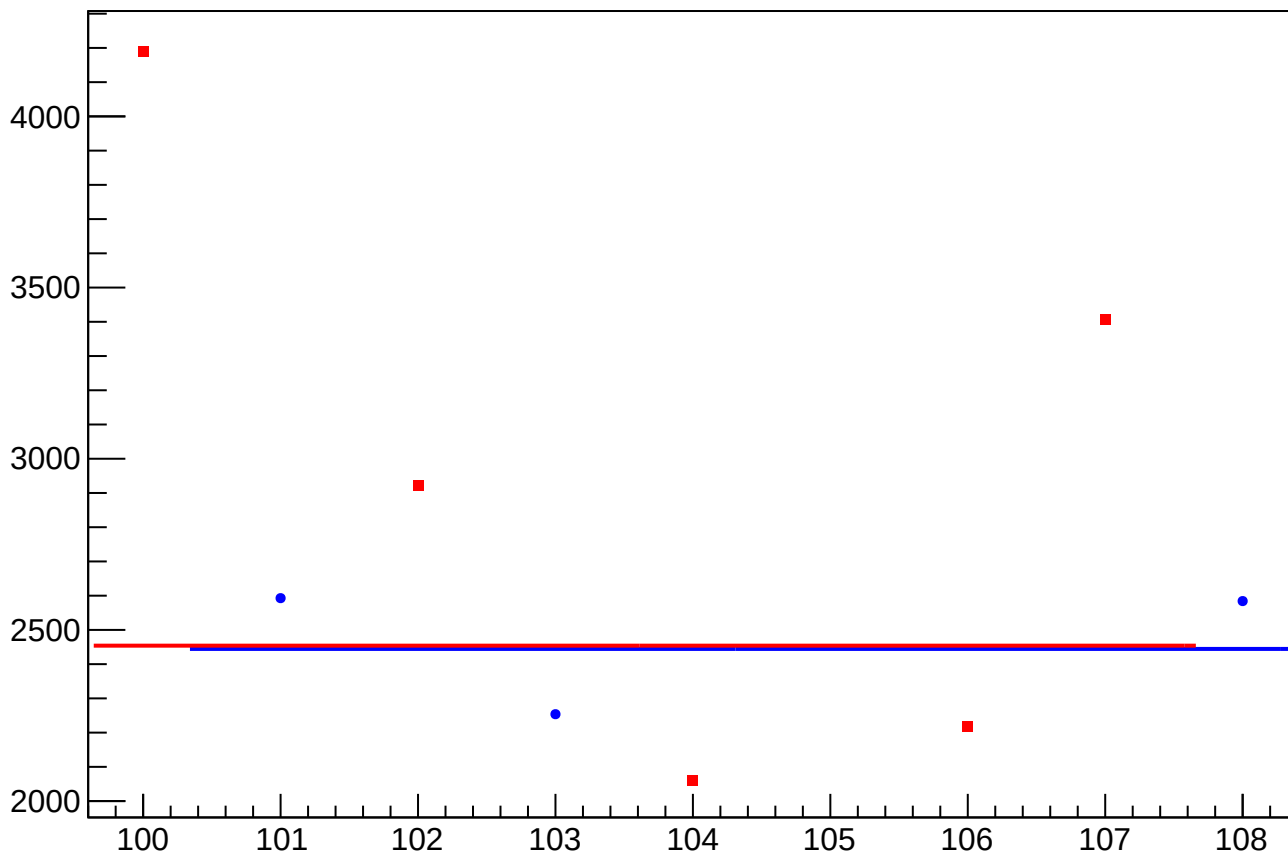
Right: 992.608+/-1354.251 χ^2/NDF : 9.8/7

In: -862.638+/-1904.852 χ^2/NDF :4.3/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 992.608+/-1354.251 χ^2/NDF : 9.8/7

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2444.472+/-1.347 χ^2/NDF : 15252.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2454.003+/-1.362 χ^2/NDF : 136895.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

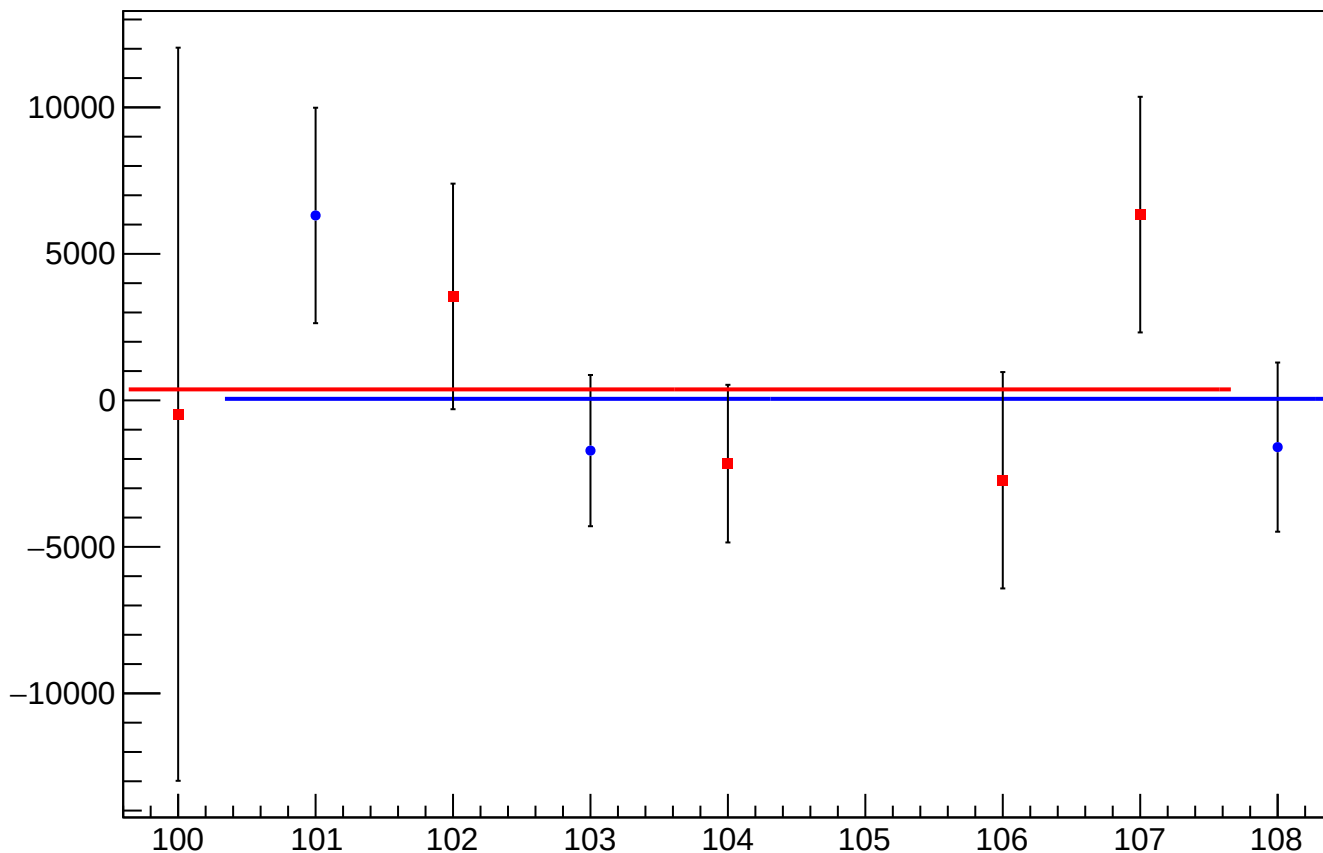
Right: 2449.186+/-0.958 χ^2/NDF : 152173.0/7

In: 2444.472+/-1.347 χ^2/NDF : 15252.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2449.186+/-0.958 χ^2/NDF : 152173.0/7

dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: 52.367+/-1704.723 χ^2/NDF : 3.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 374.939+/-1696.940 χ^2/NDF : 4.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

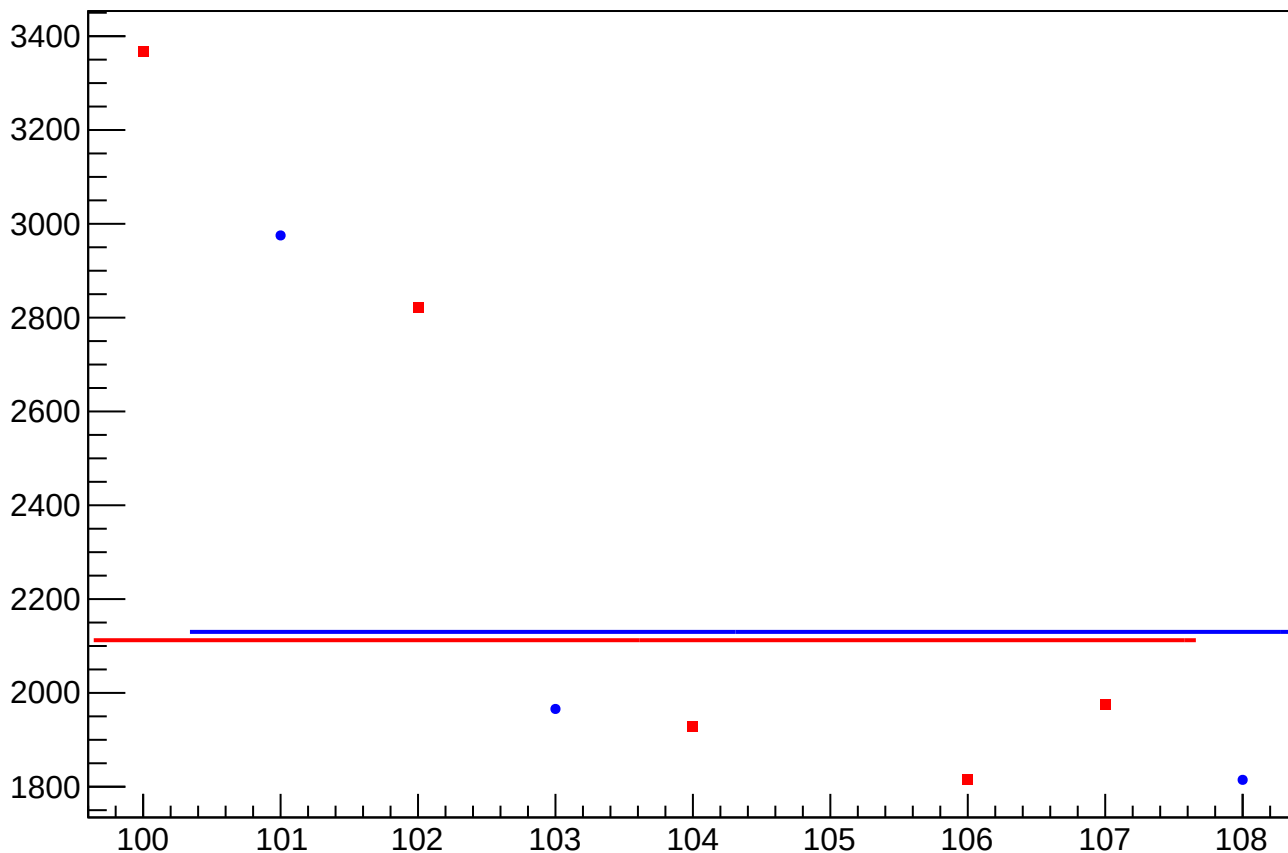
Right: 214.391+/-1202.660 χ^2/NDF : 8.2/7

In: 52.367+/-1704.723 χ^2/NDF : 3.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.391+/-1202.660 χ^2/NDF : 8.2/7

dit_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2130.097+/-1.205 χ^2/NDF : 137646.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2112.335+/-1.200 χ^2/NDF : 112629.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

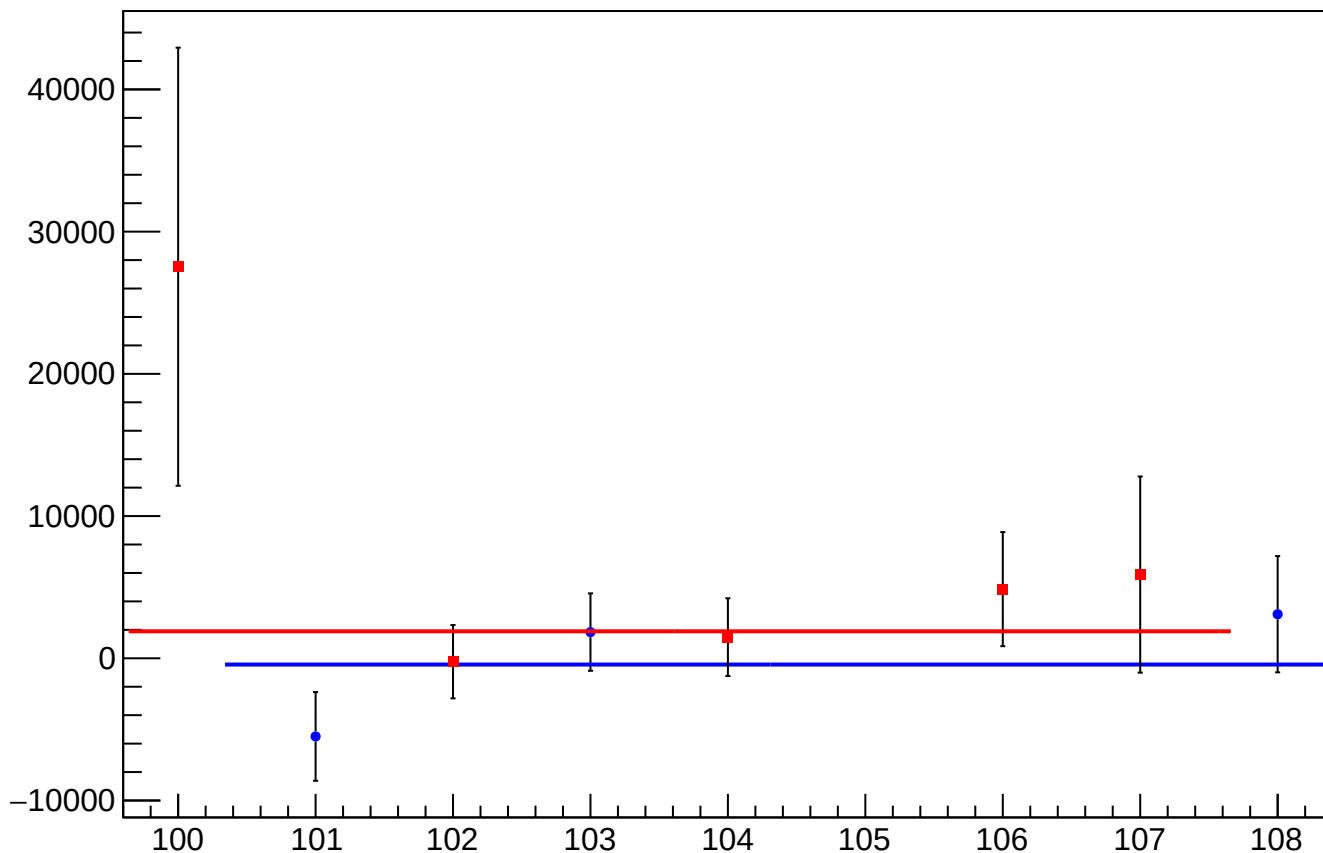
Right: 2121.175+/-0.850 χ^2/NDF : 250385.1/7

In: 2130.097+/-1.205 χ^2/NDF : 137646.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2121.175+/-0.850 χ^2/NDF : 250385.1/7

asym_us_dd_at2lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -439.930+/-1832.829 χ^2/NDF : 4.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1897.468+/-1640.128 χ^2/NDF : 4.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

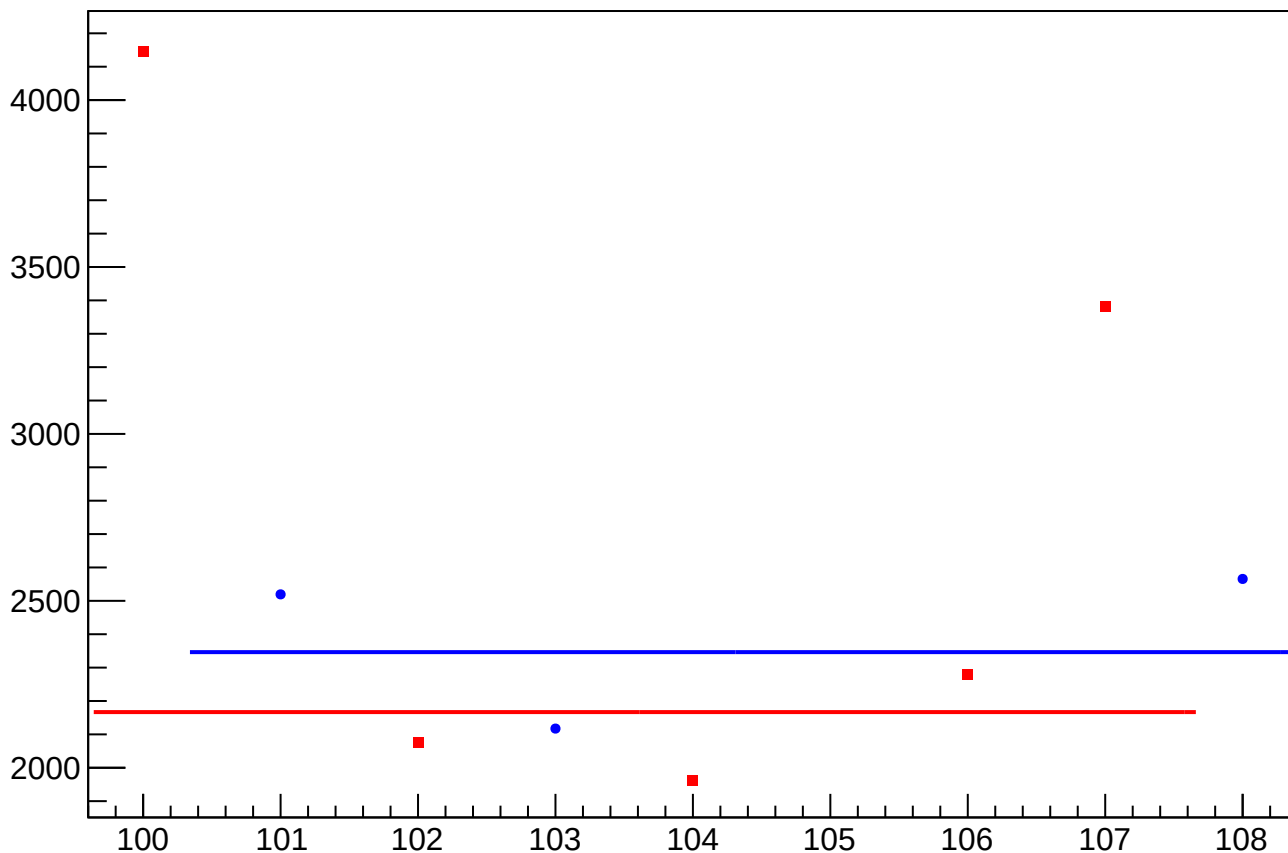
Right: 858.064+/-1222.215 χ^2/NDF : 9.3/7

In: -439.930+/-1832.829 χ^2/NDF : 4.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 858.064+/-1222.215 χ^2/NDF : 9.3/7

asym_us_dd_at2lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2346.379+/-1.296 χ^2/NDF : 26073.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2166.765+/-1.160 χ^2/NDF : 110260.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

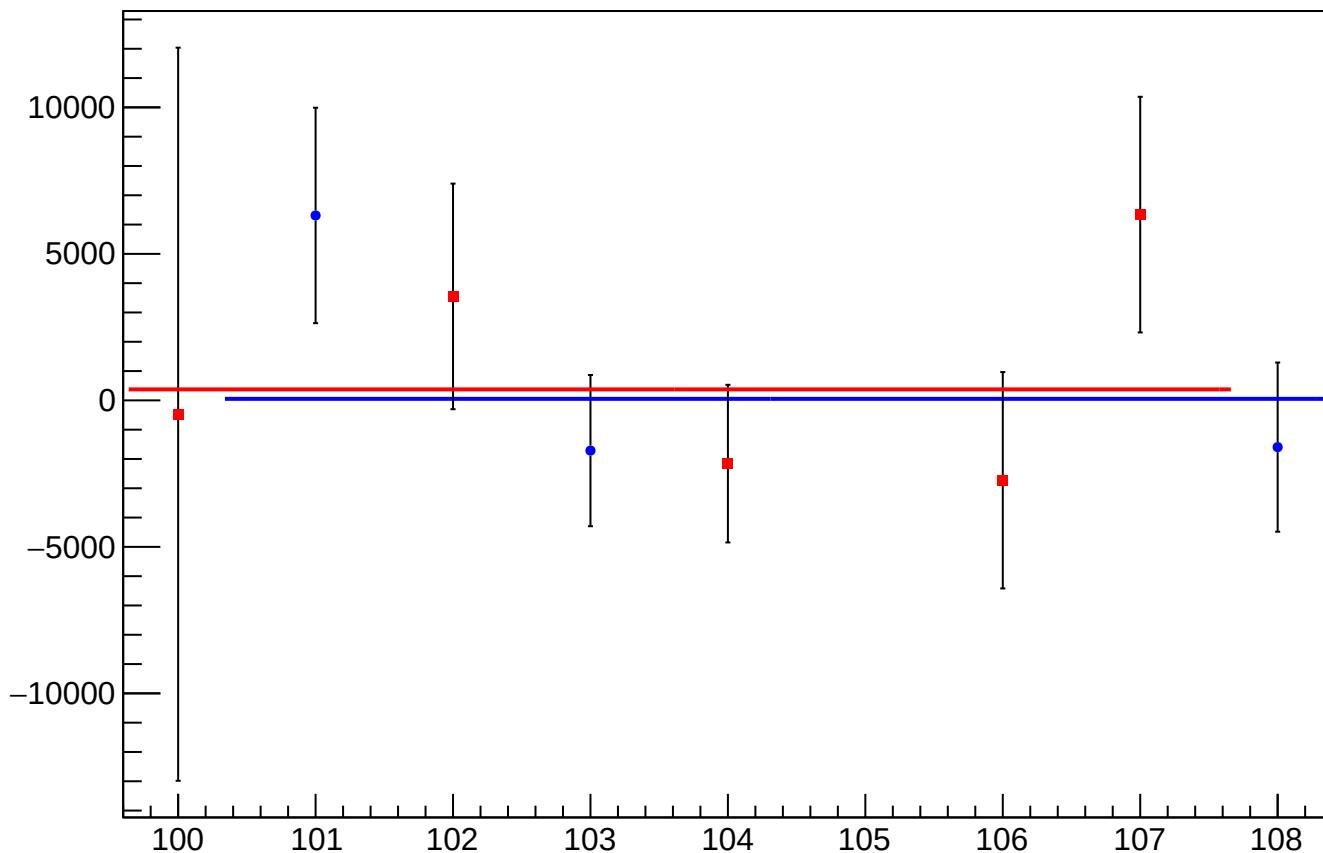
Right: 2246.636+/-0.864 χ^2/NDF : 147000.7/7

In: 2346.379+/-1.296 χ^2/NDF : 26073.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2246.636+/-0.864 χ^2/NDF : 147000.7/7

eigen_dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: 52.382+/-1704.723 χ^2/NDF : 3.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 374.933+/-1696.940 χ^2/NDF : 4.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

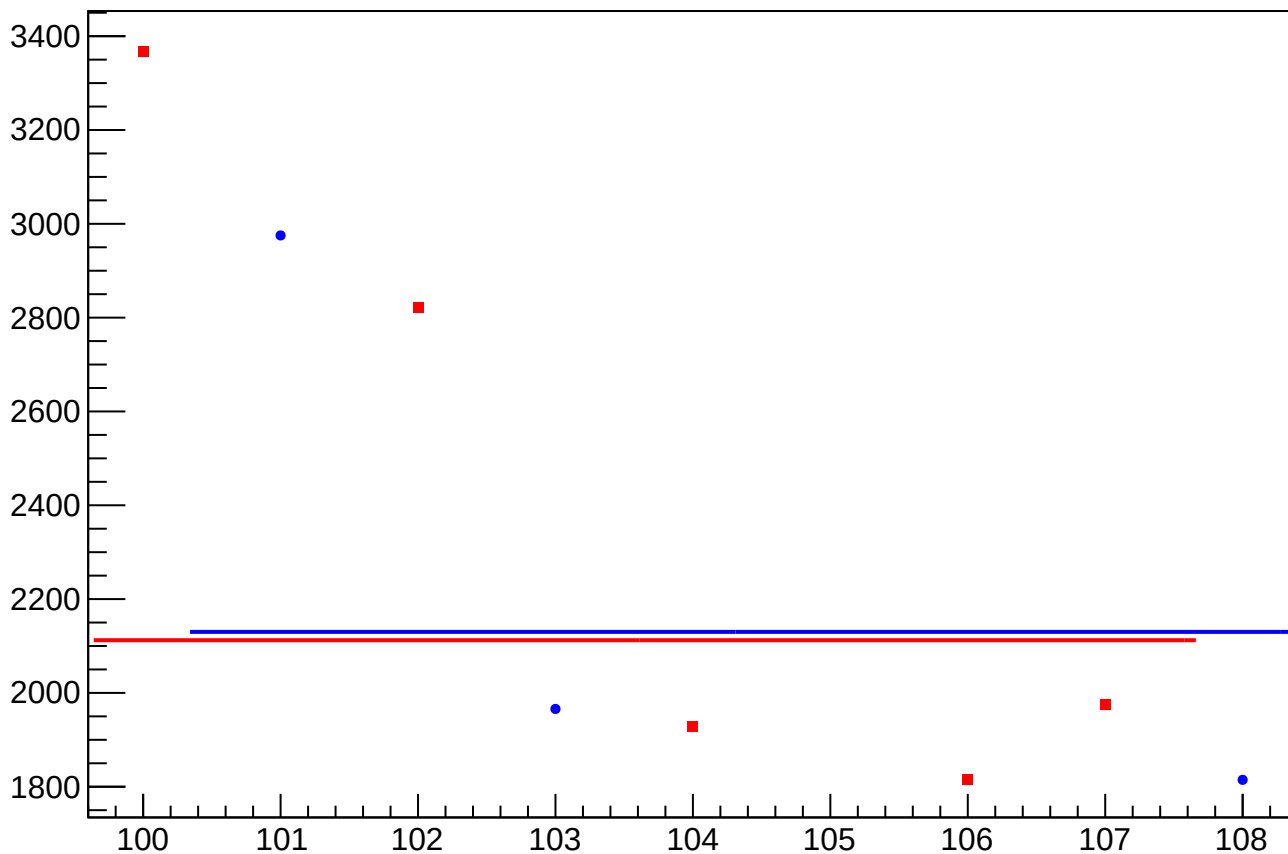
Right: 214.395+/-1202.660 χ^2/NDF : 8.2/7

In: 52.382+/-1704.723 χ^2/NDF : 3.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.395+/-1202.660 χ^2/NDF : 8.2/7

eigen_dit_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2130.097+/-1.205 χ^2/NDF : 137646.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2112.335+/-1.200 χ^2/NDF : 112629.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

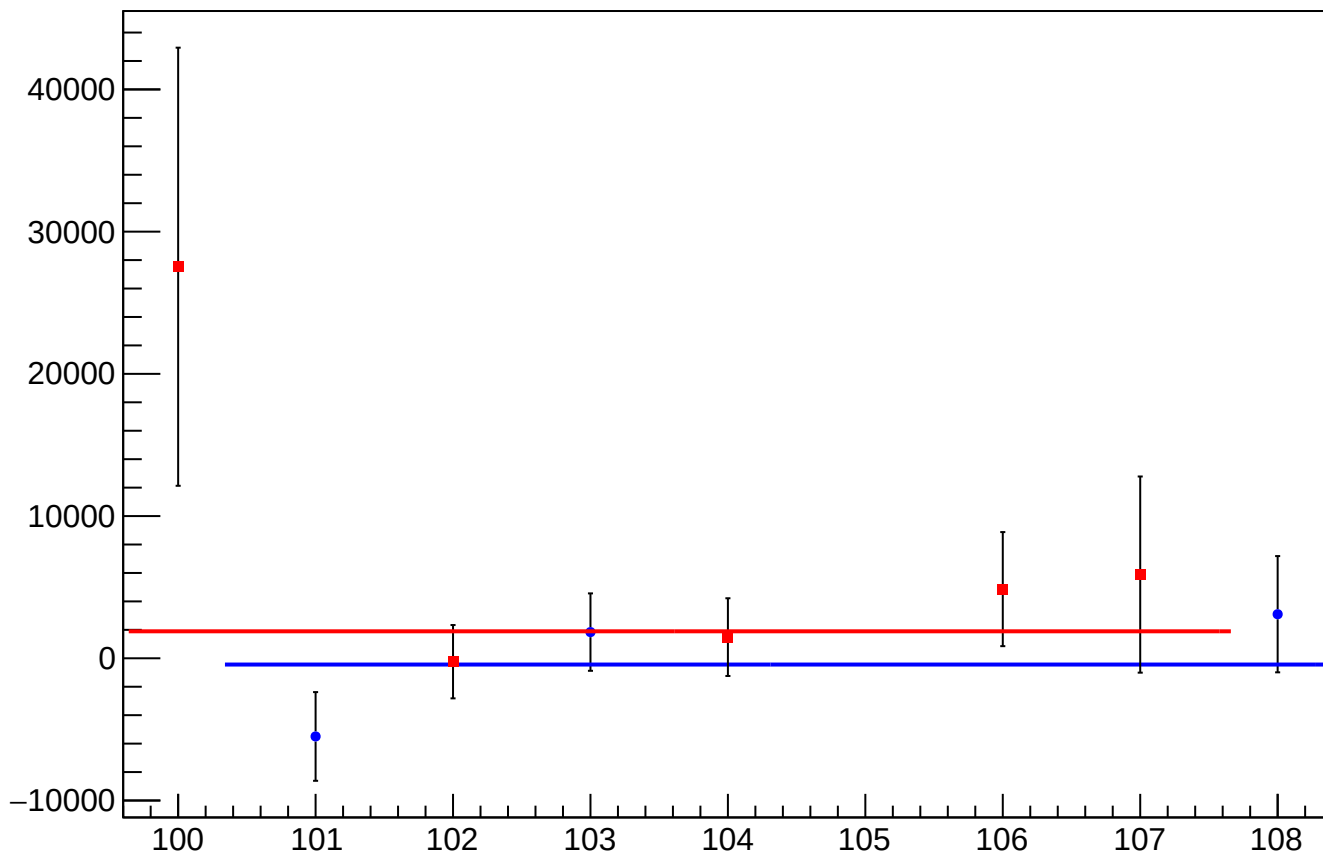
Right: 2121.175+/-0.850 χ^2/NDF : 250384.9/7

In: 2130.097+/-1.205 χ^2/NDF : 137646.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2121.175+/-0.850 χ^2/NDF : 250384.9/7

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -439.934+/-1832.826 χ^2/NDF : 4.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1897.478+/-1640.130 χ^2/NDF : 4.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

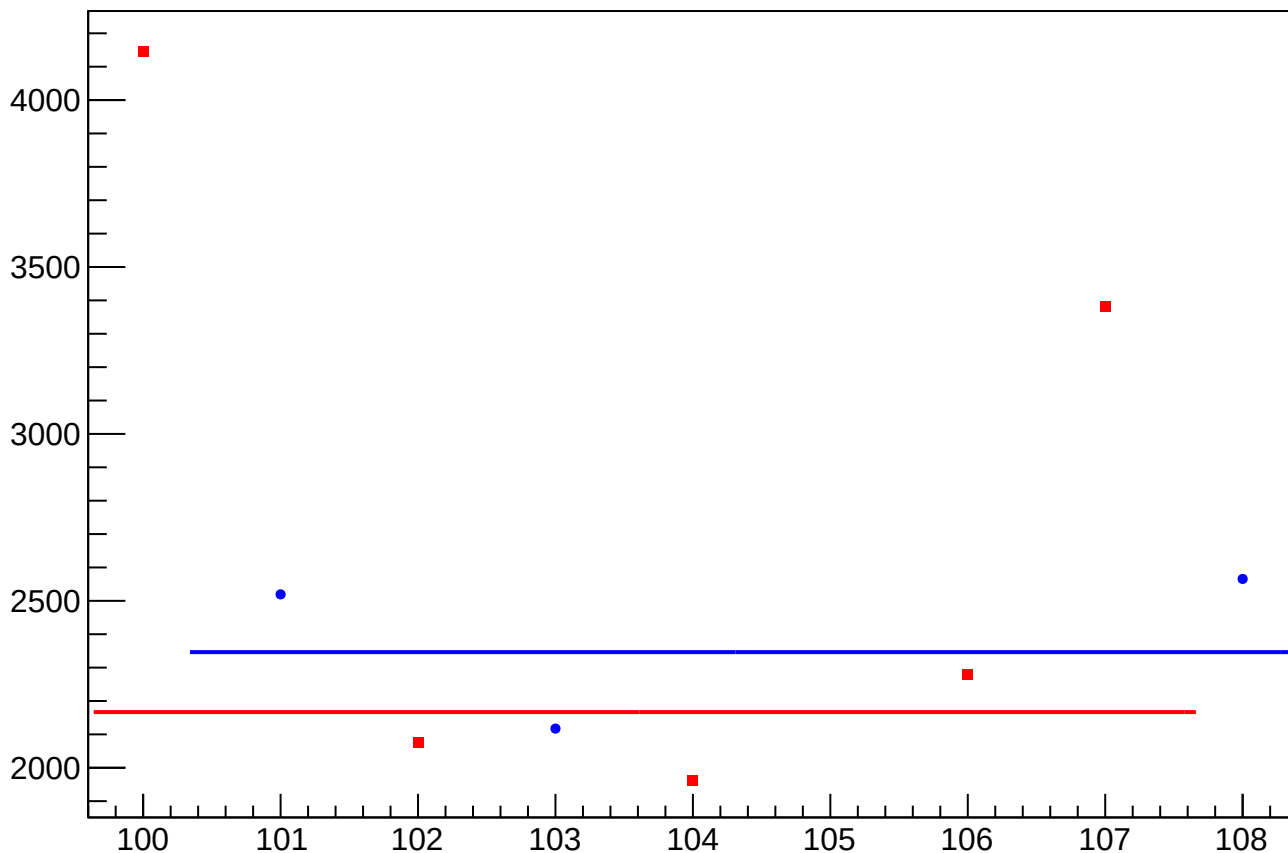
Right: 858.065+/-1222.216 χ^2/NDF : 9.3/7

In: -439.934+/-1832.826 χ^2/NDF : 4.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 858.065+/-1222.216 χ^2/NDF : 9.3/7

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2346.376+/-1.296 χ^2/NDF : 26071.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2166.768+/-1.160 χ^2/NDF : 110258.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

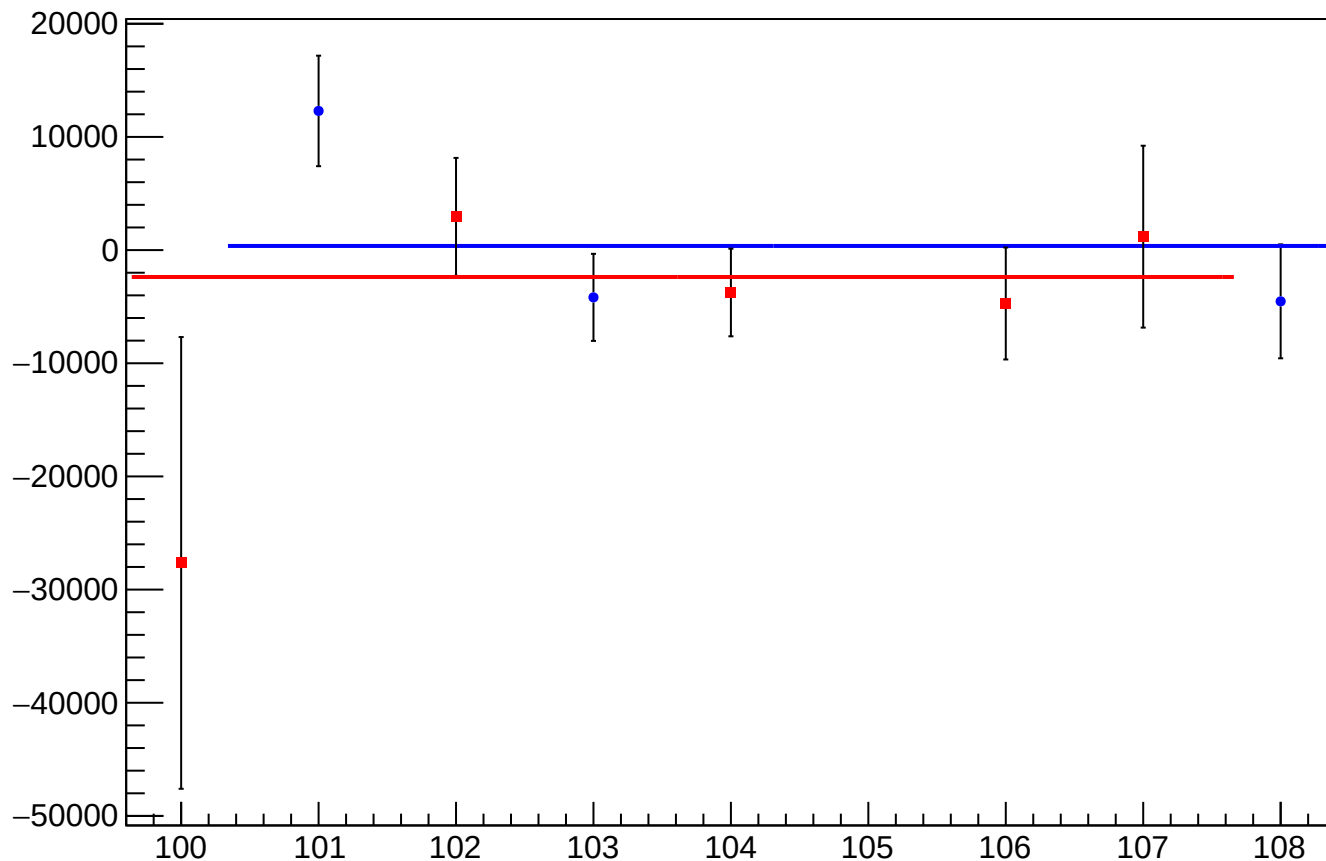
Right: 2246.637+/-0.864 χ^2/NDF : 146995.3/7

In: 2346.376+/-1.296 χ^2/NDF : 26071.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2246.637+/-0.864 χ^2/NDF : 146995.3/7

asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: 366.206+/-2590.374 χ^2/NDF : 8.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2376.517+/-2481.301 χ^2/NDF : 3.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

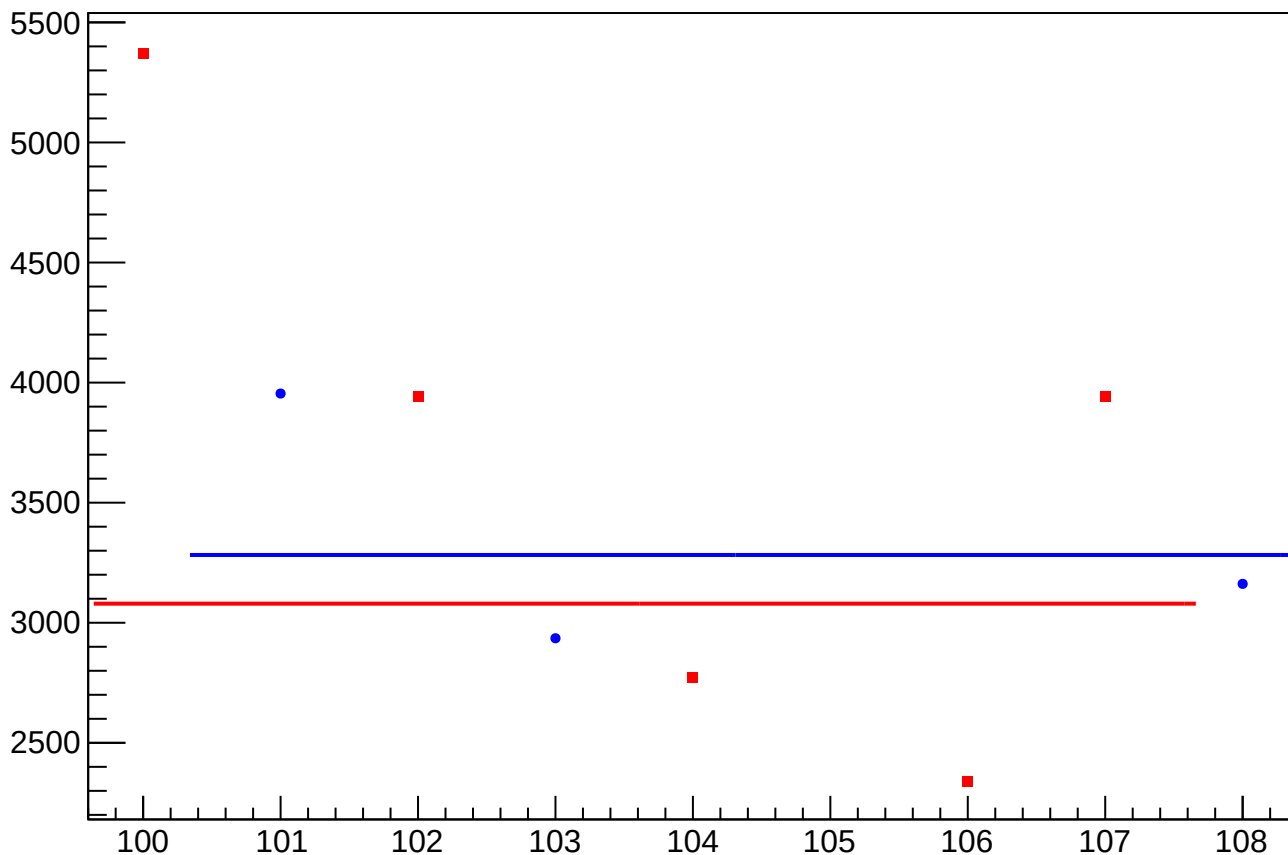
Right: -1064.114+/-1791.864 χ^2/NDF : 12.1/7

In: 366.206+/-2590.374 χ^2/NDF : 8.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1064.114+/-1791.864 χ^2/NDF : 12.1/7

asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3282.249+/-1.832 χ^2/NDF : 55314.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3079.526+/-1.754 χ^2/NDF : 162130.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

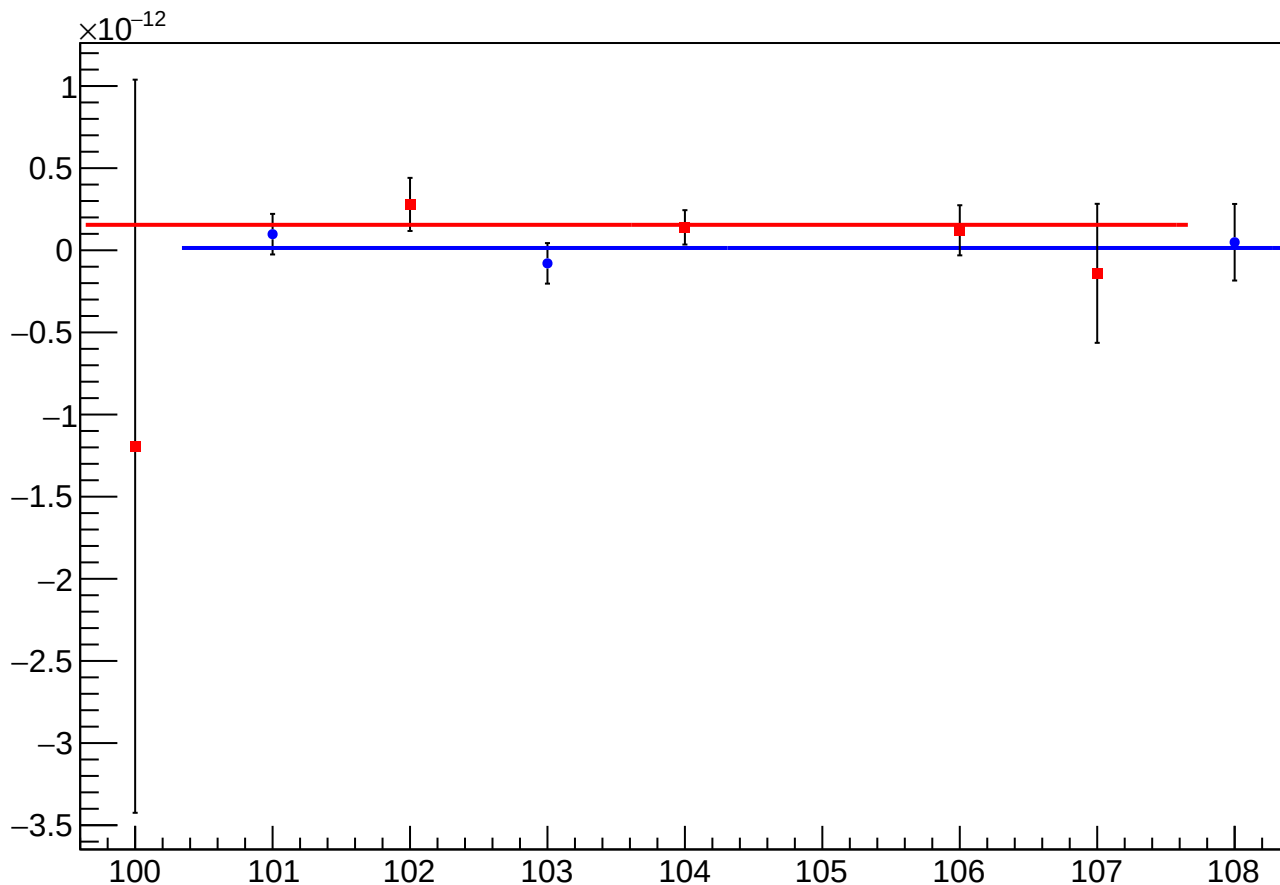
Right: 3176.525+/-1.267 χ^2/NDF : 223833.4/7

In: 3282.249+/-1.832 χ^2/NDF : 55314.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3176.525+/-1.267 χ^2/NDF : 223833.4/7

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

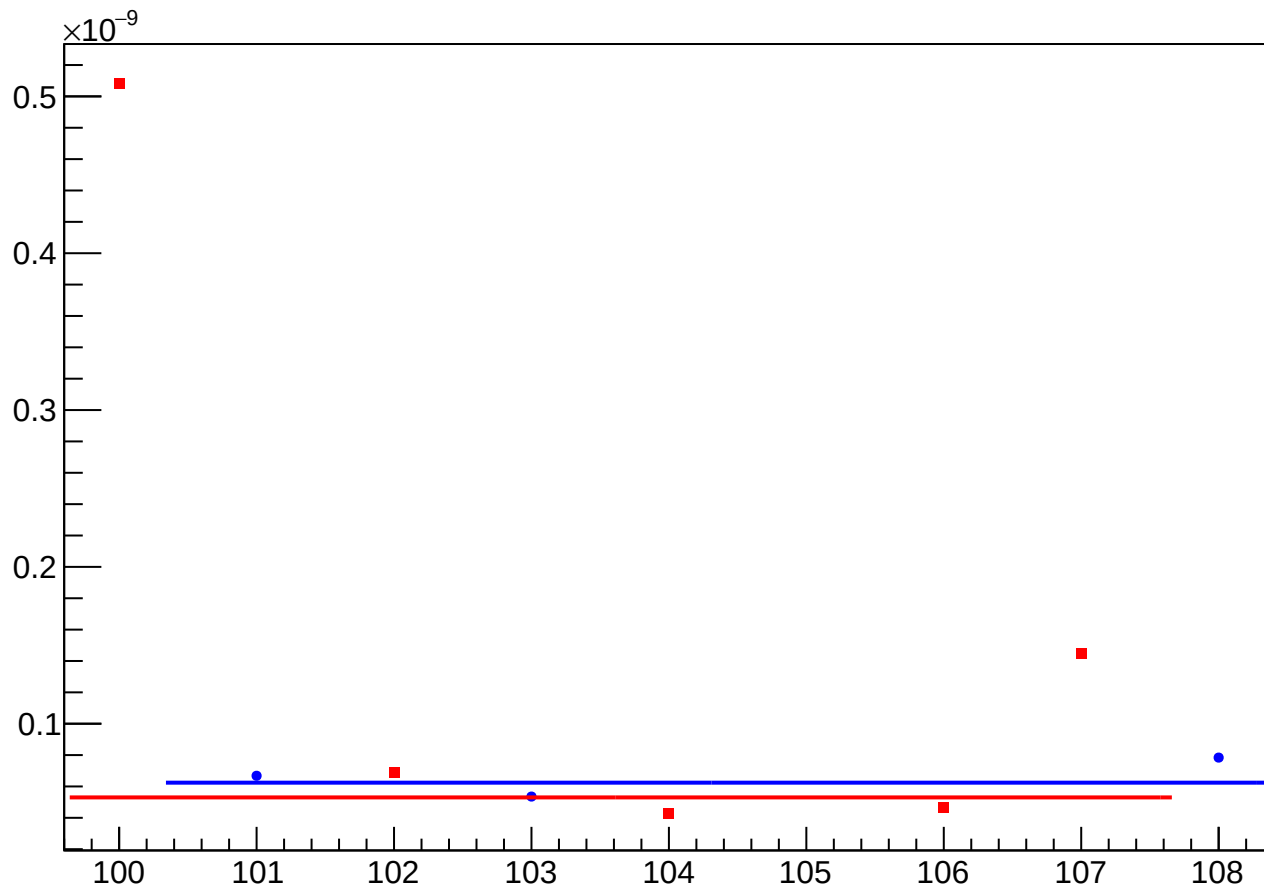
Right: 0.000+/-0.000 χ^2/NDF : 4.2/7

In: 0.000+/-0.000 χ^2/NDF : 1.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.2/7

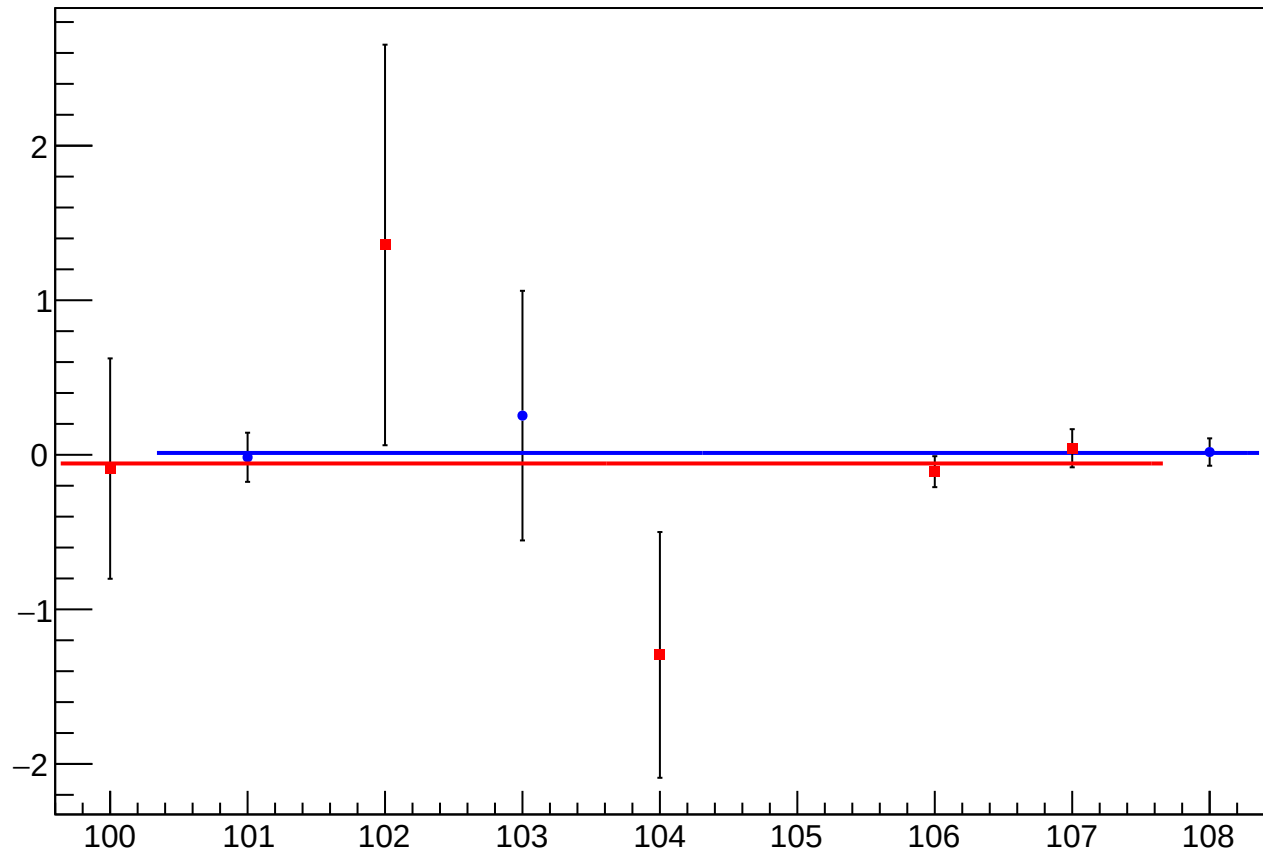
asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 22252.7/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 221163.1/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 257804.7/7
 In: 0.000+/-0.000 χ^2/NDF : 22252.7/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 257804.7/7

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.077 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.056 $\pm$ 0.077 χ^2 /NDF: 4.5/4

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

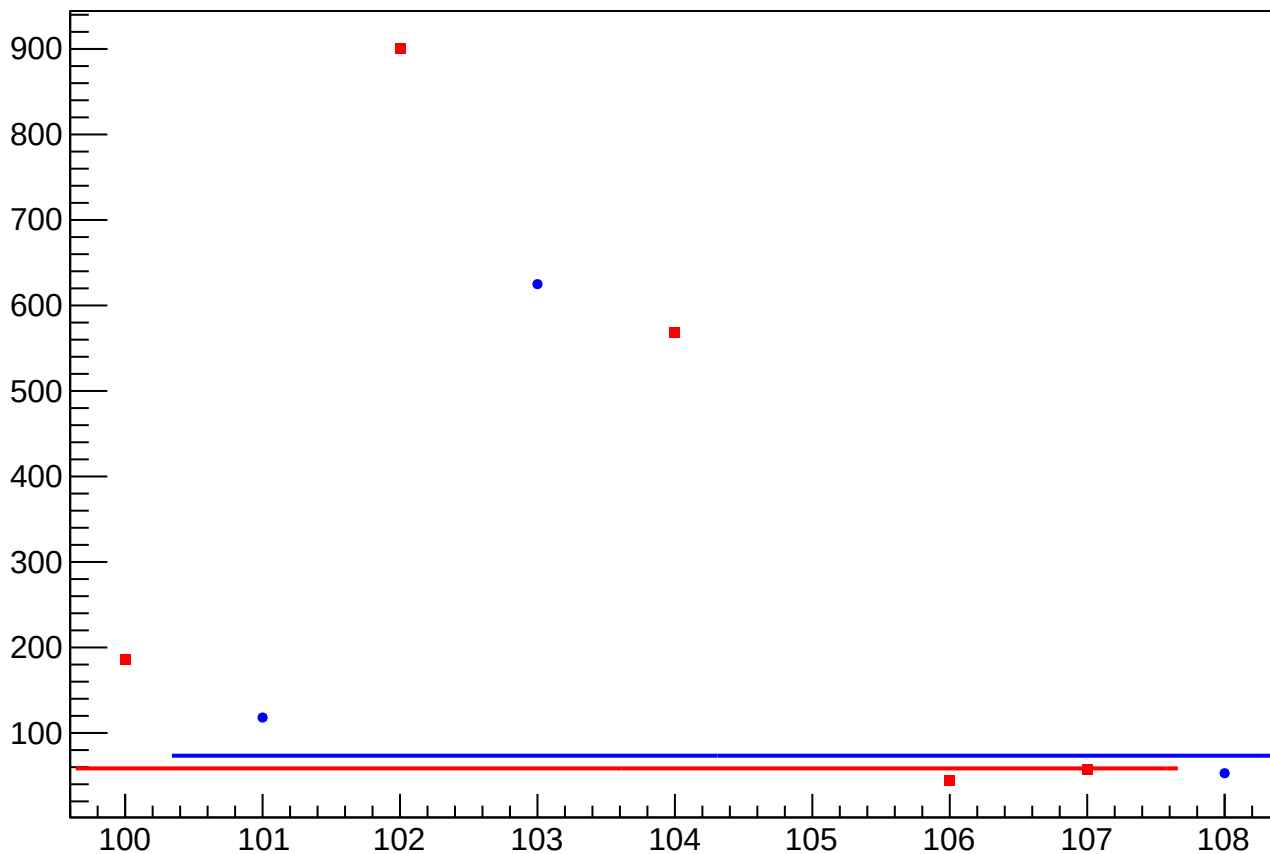
Right: -0.022 $\pm$ 0.054 χ^2 /NDF: 5.1/7

In: 0.012 $\pm$ 0.077 χ^2 /NDF: 0.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.022 $\pm$ 0.054 χ^2 /NDF: 5.1/7

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.423+/-0.054 χ^2/NDF : 1197802.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.563+/-0.054 χ^2/NDF : 1775129.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

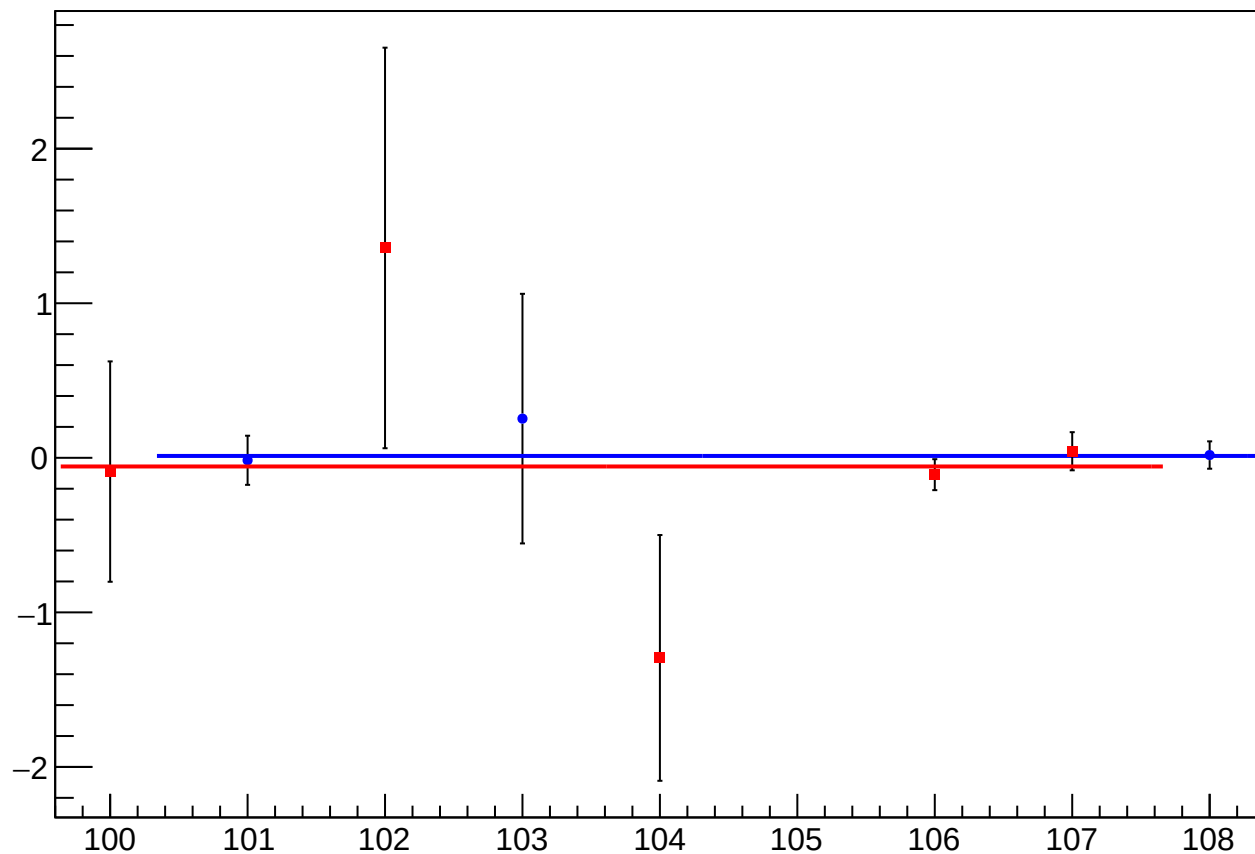
Right: 65.970+/-0.038 χ^2/NDF : 3010269.3/7

In: 73.423+/-0.054 χ^2/NDF : 1197802.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.970+/-0.038 χ^2/NDF : 3010269.3/7

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.077 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.056 $\pm$ 0.077 χ^2 /NDF: 4.5/4

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

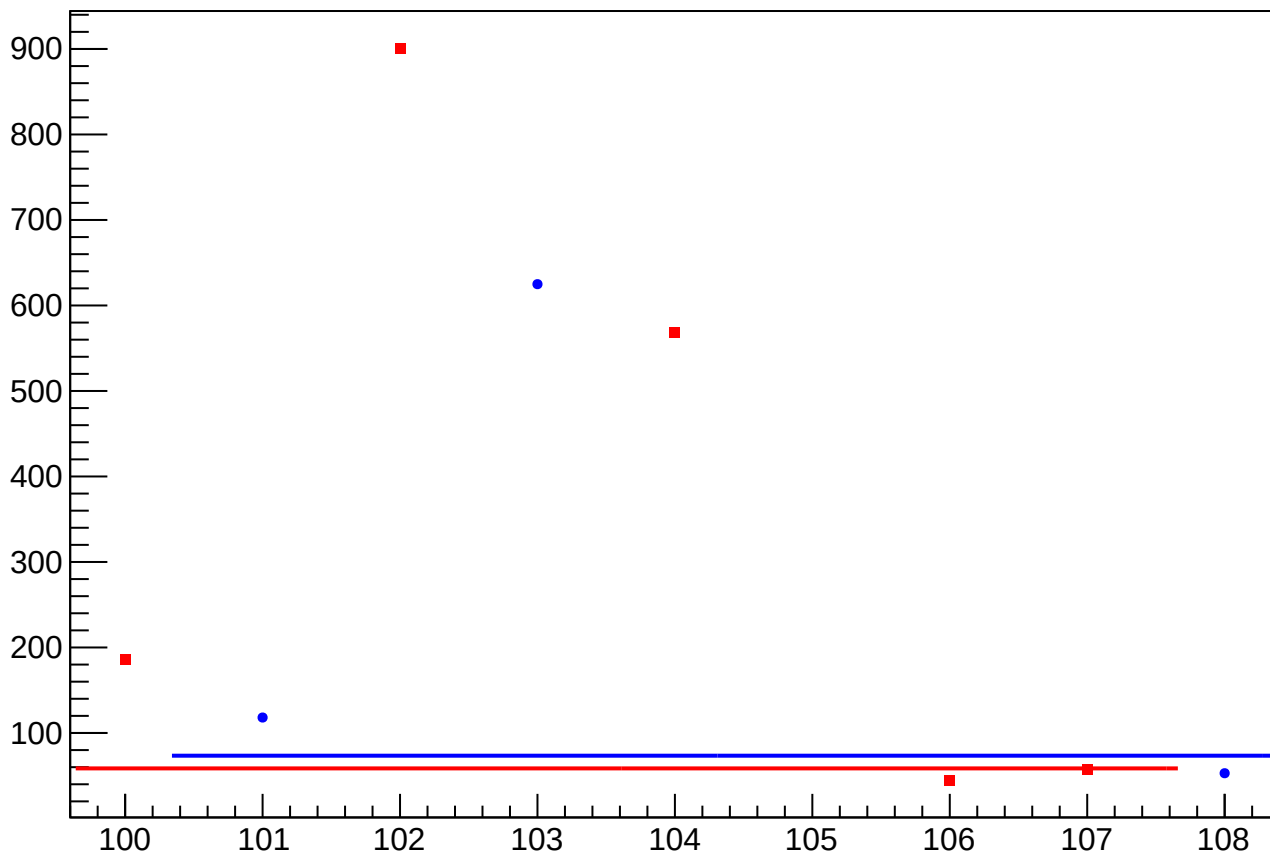
Right: -0.022 $\pm$ 0.054 χ^2 /NDF: 5.1/7

In: 0.012 $\pm$ 0.077 χ^2 /NDF: 0.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.022 $\pm$ 0.054 χ^2 /NDF: 5.1/7

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.423+/-0.054 χ^2/NDF : 1197802.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.563+/-0.054 χ^2/NDF : 1775129.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

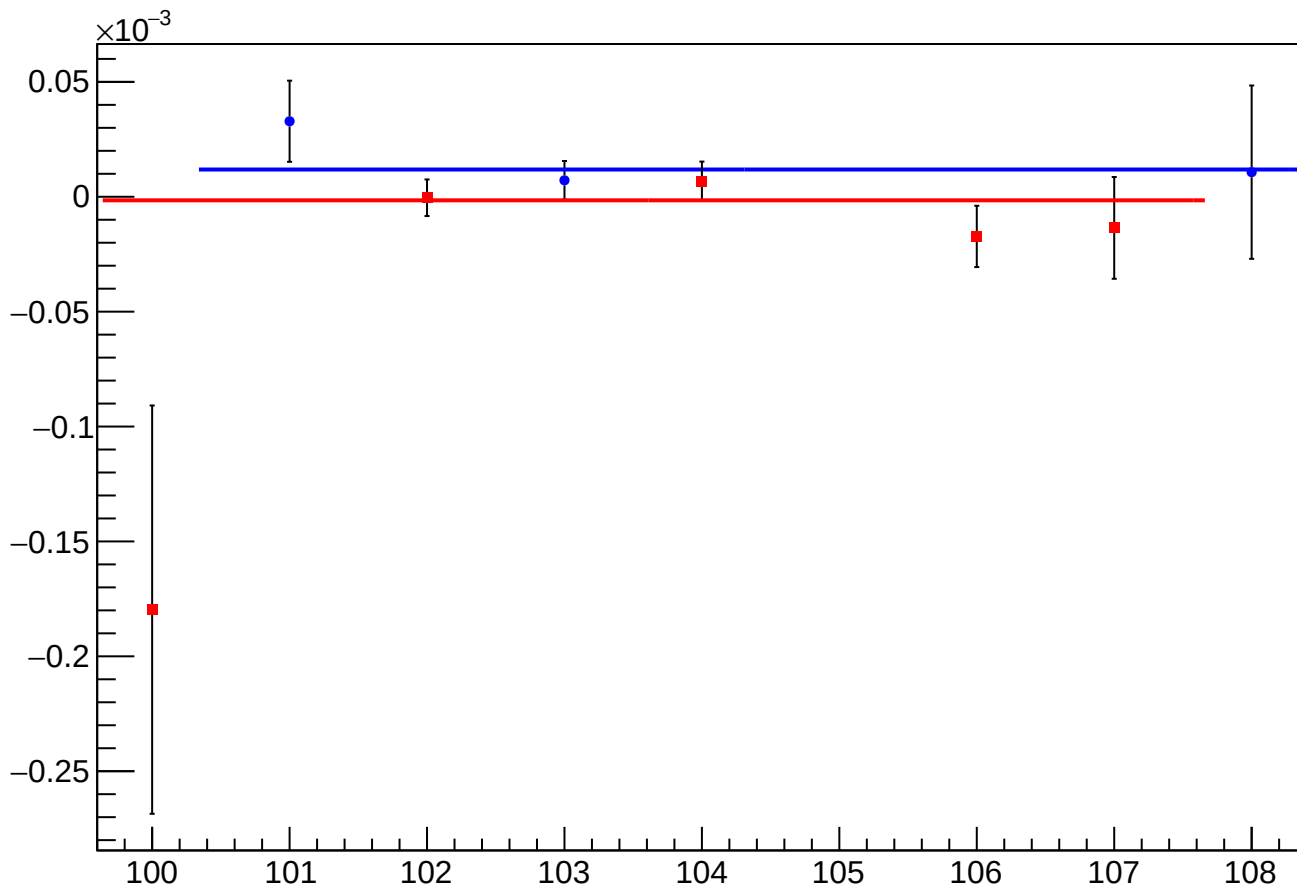
Right: 65.970+/-0.038 χ^2/NDF : 3010269.3/7

In: 73.423+/-0.054 χ^2/NDF : 1197802.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.970+/-0.038 χ^2/NDF : 3010269.3/7

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.7/4

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

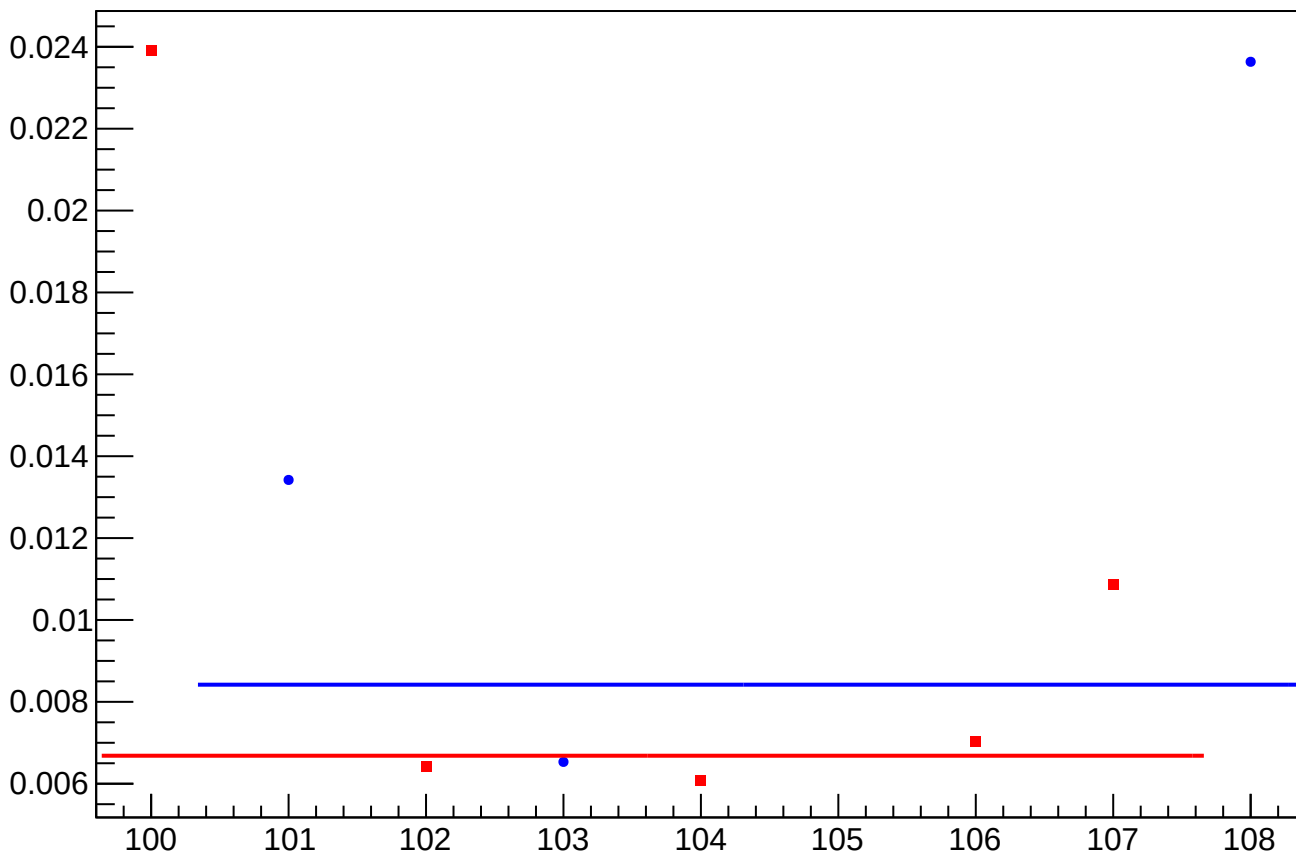
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.6/7

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.6/7

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 : 586852.1/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 160377.5/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

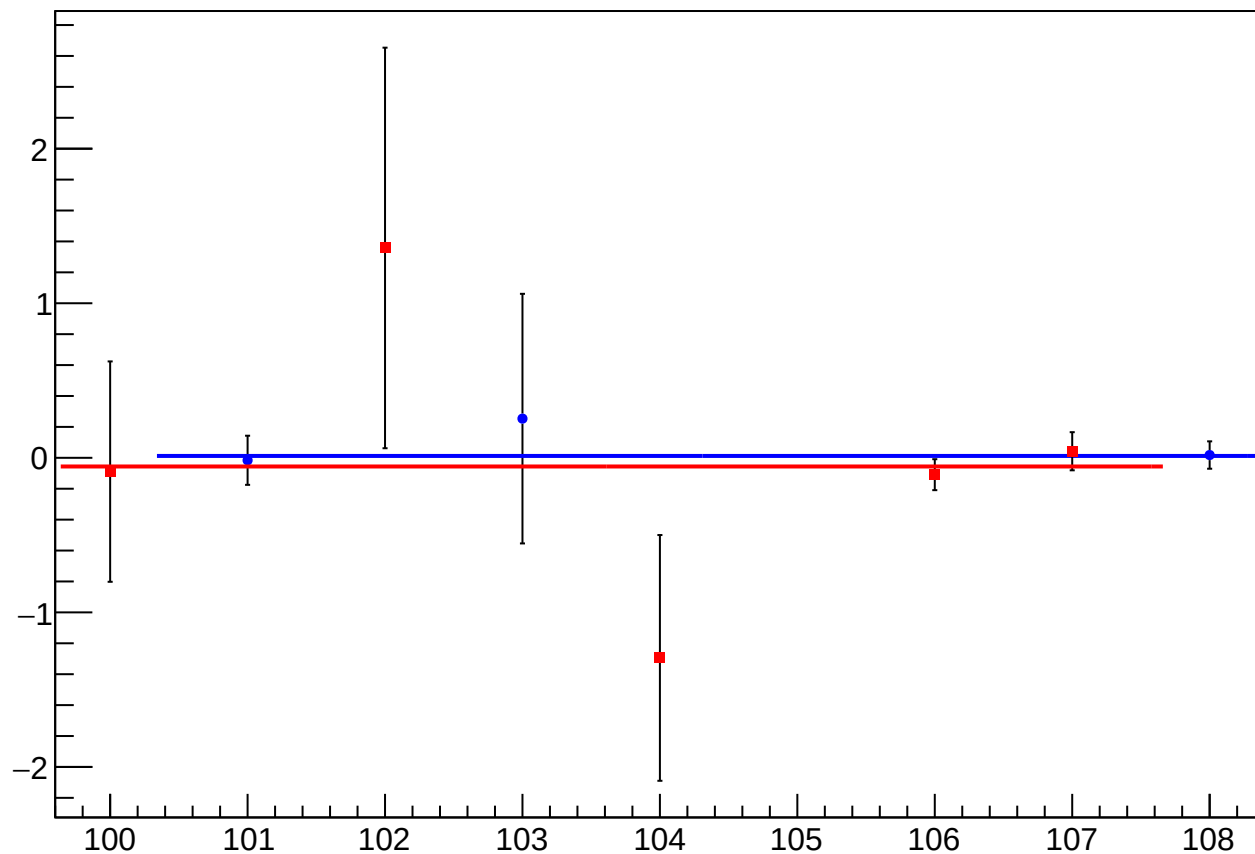
Right: 0.007+/-0.000 χ^2/NDF : 820726.7/7

In: 0.008+/-0.000 χ^2/NDF :586852.1/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 820726.7/7

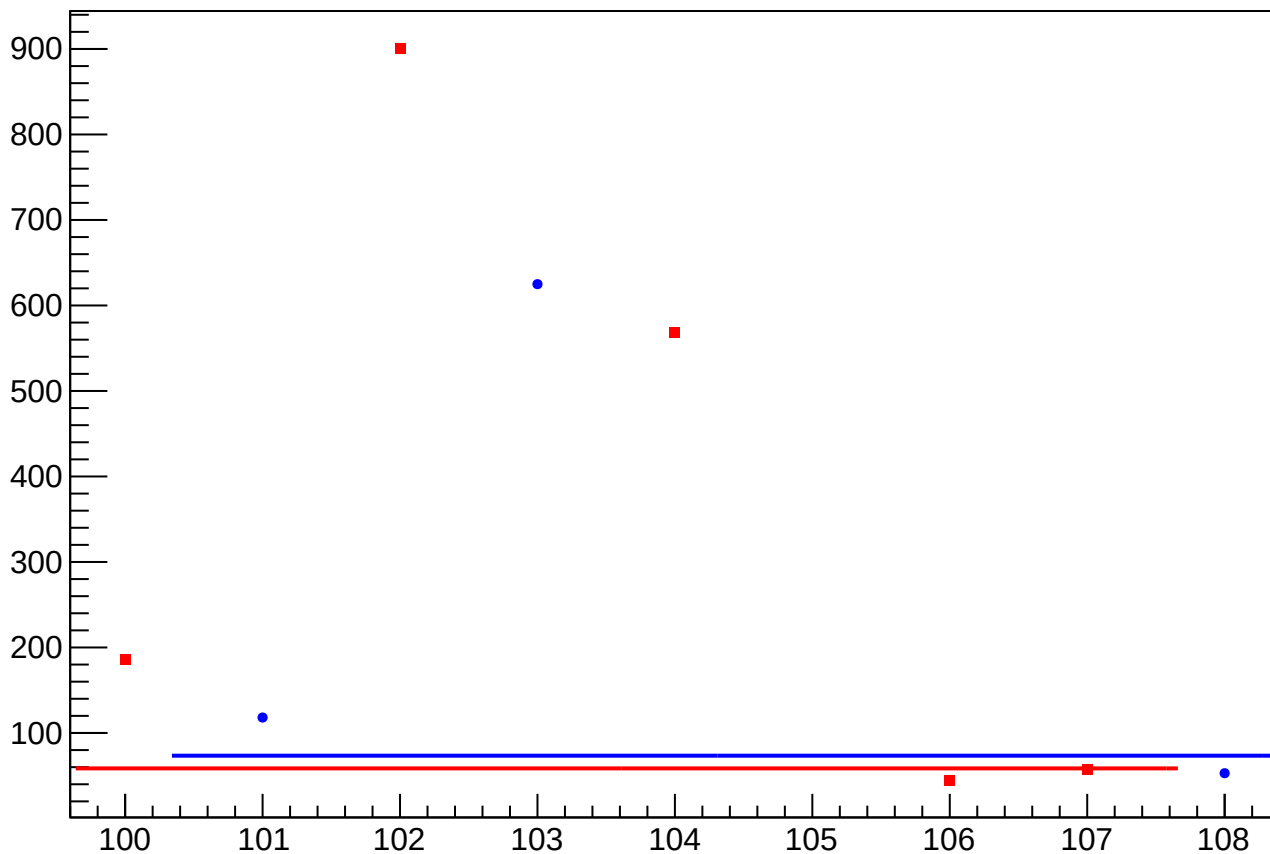
asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.077 χ^2 /NDF: 0.1/2
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.056 $\pm$ 0.077 χ^2 /NDF: 4.5/4
 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: -0.022 $\pm$ 0.054 χ^2 /NDF: 5.1/7
 In: 0.012 $\pm$ 0.077 χ^2 /NDF:0.1/2
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.022 $\pm$ 0.054 χ^2 /NDF: 5.1/7

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.433+/-0.054 χ^2/NDF : 1197703.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.563+/-0.054 χ^2/NDF : 1775138.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

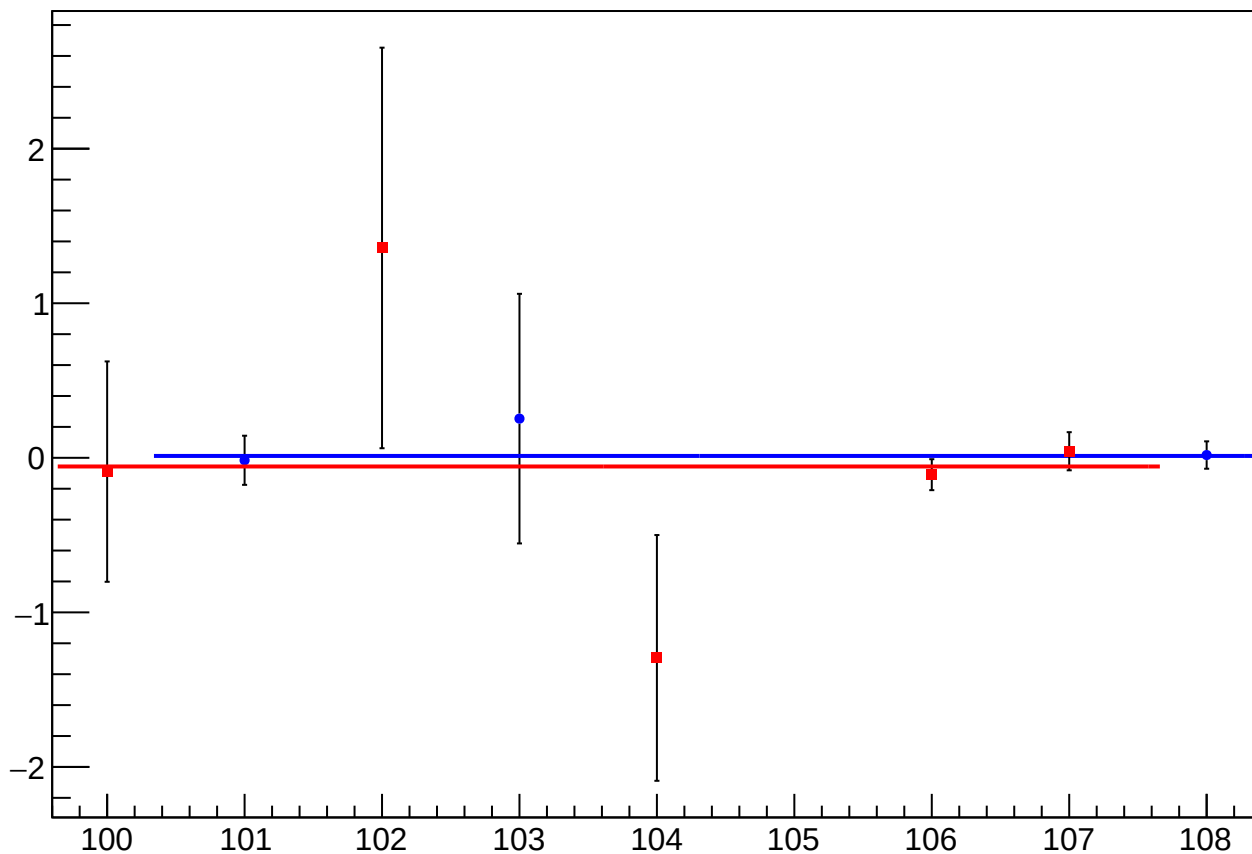
Right: 65.975+/-0.038 χ^2/NDF : 3010225.9/7

In: 73.433+/-0.054 χ^2/NDF : 1197703.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.975+/-0.038 χ^2/NDF : 3010225.9/7

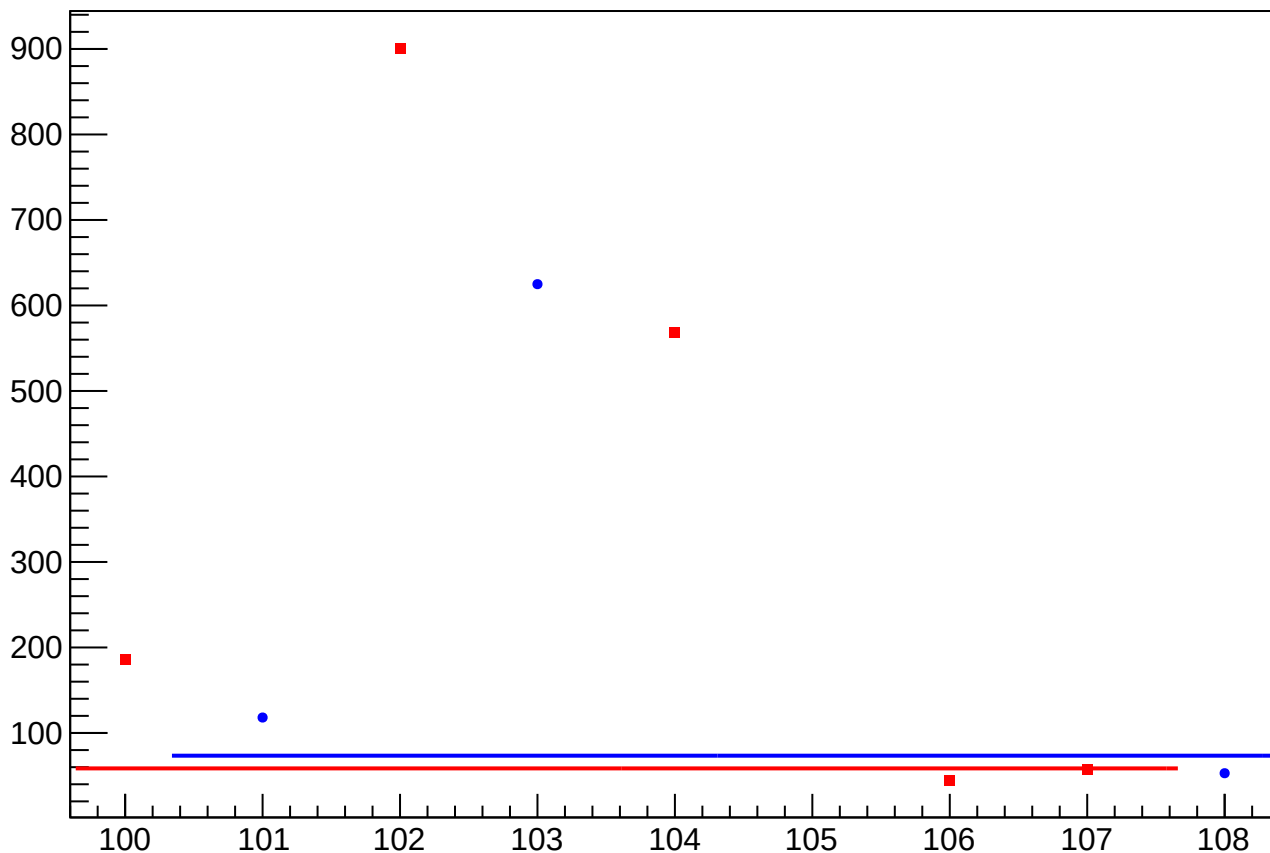
asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.077 χ^2 /NDF: 0.1/2
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: -0.056 $\pm$ 0.077 χ^2 /NDF: 4.5/4
 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: -0.022 $\pm$ 0.054 χ^2 /NDF: 5.1/7
 In: 0.012 $\pm$ 0.077 χ^2 /NDF: 0.1/2
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -0.022 $\pm$ 0.054 χ^2 /NDF: 5.1/7

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.433+/-0.054 χ^2/NDF : 1197703.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.563+/-0.054 χ^2/NDF : 1775138.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

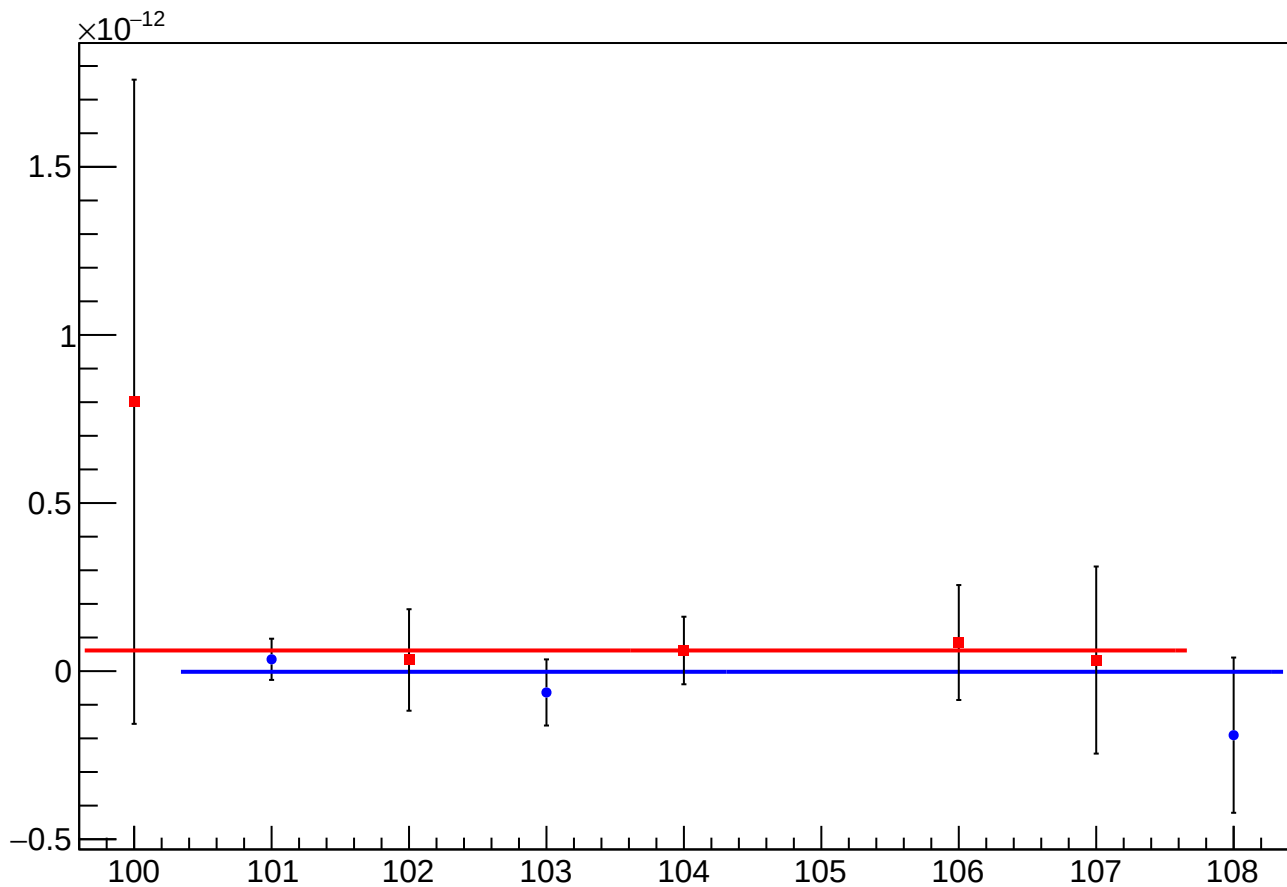
Right: 65.975+/-0.038 χ^2/NDF : 3010225.9/7

In: 73.433+/-0.054 χ^2/NDF : 1197703.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.975+/-0.038 χ^2/NDF : 3010225.9/7

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 : 1.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

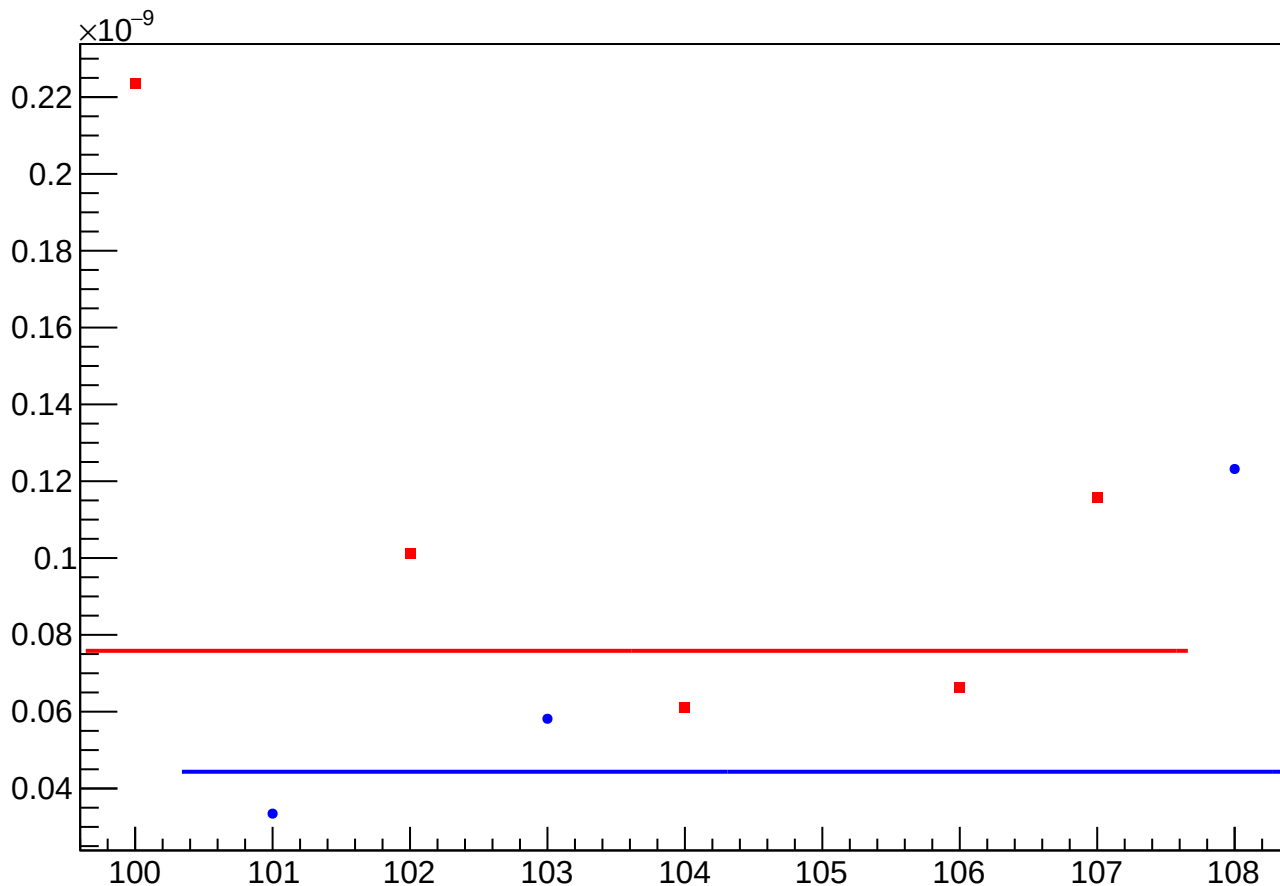
Right: 0.000+/-0.000 χ^2/NDF : 2.6/7

In: -0.000+/-0.000 χ^2/NDF : 1.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2.6/7

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 : 335705.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 193796.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

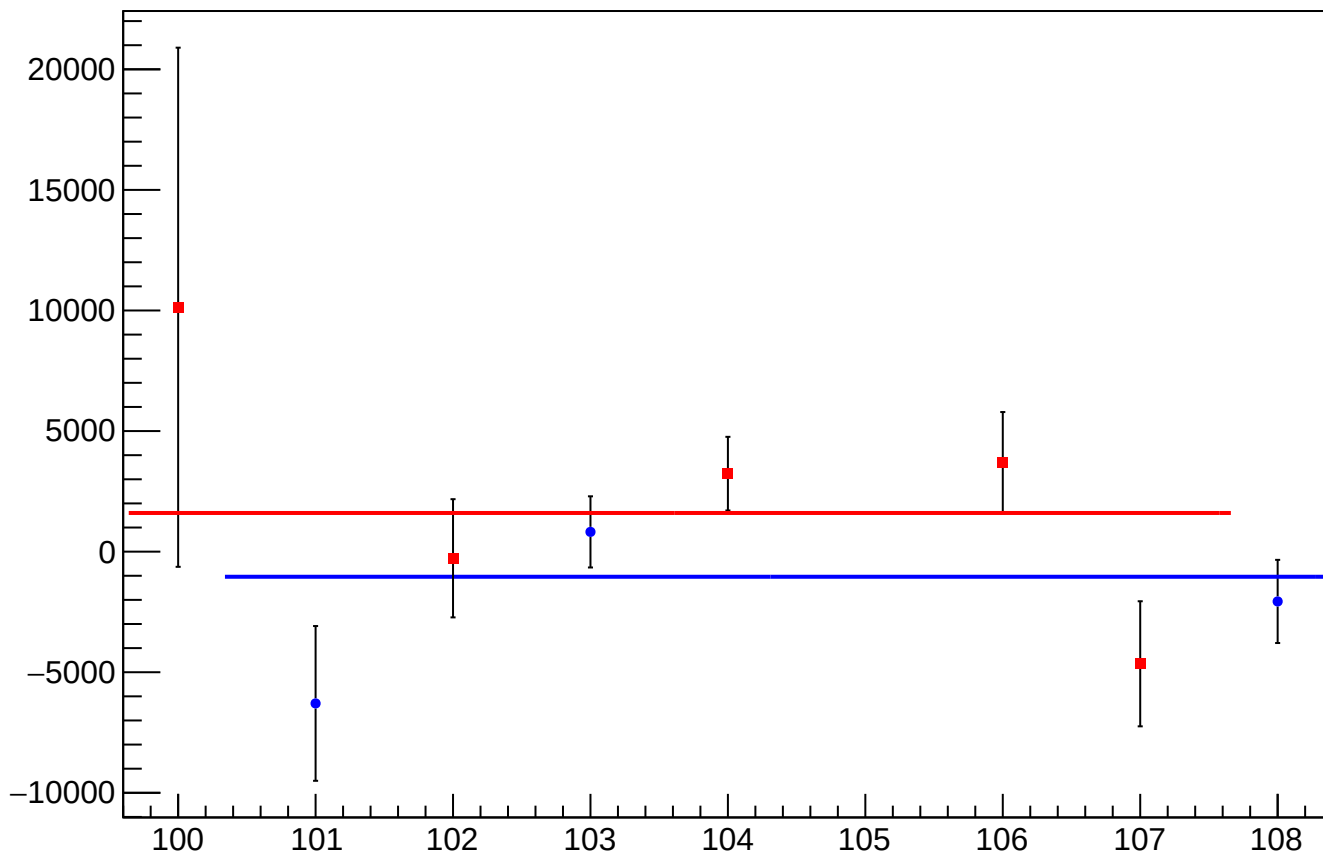
Right: 0.000+/-0.000 χ^2/NDF : 783451.2/7

In: 0.000+/-0.000 χ^2/NDF : 335705.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 783451.2/7

reg_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -1041.180+/-1058.295 χ^2/NDF : 4.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1603.486+/-1010.934 χ^2/NDF : 9.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

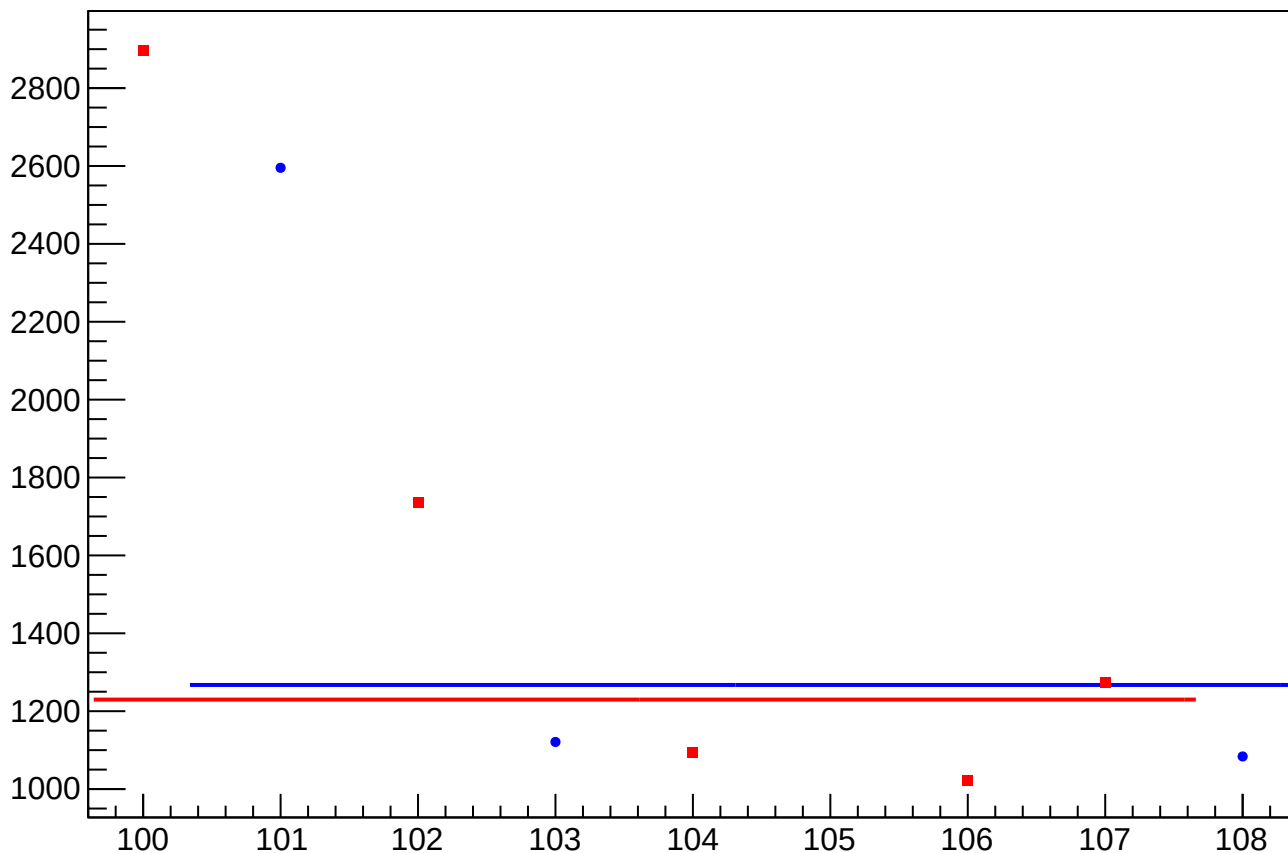
Right: 341.652+/-731.008 χ^2/NDF : 17.0/7

In: -1041.180+/-1058.295 χ^2/NDF : 4.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 341.652+/-731.008 χ^2/NDF : 17.0/7

reg_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1267.358+/-0.748 χ^2/NDF : 384953.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1229.804+/-0.715 χ^2/NDF : 168960.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

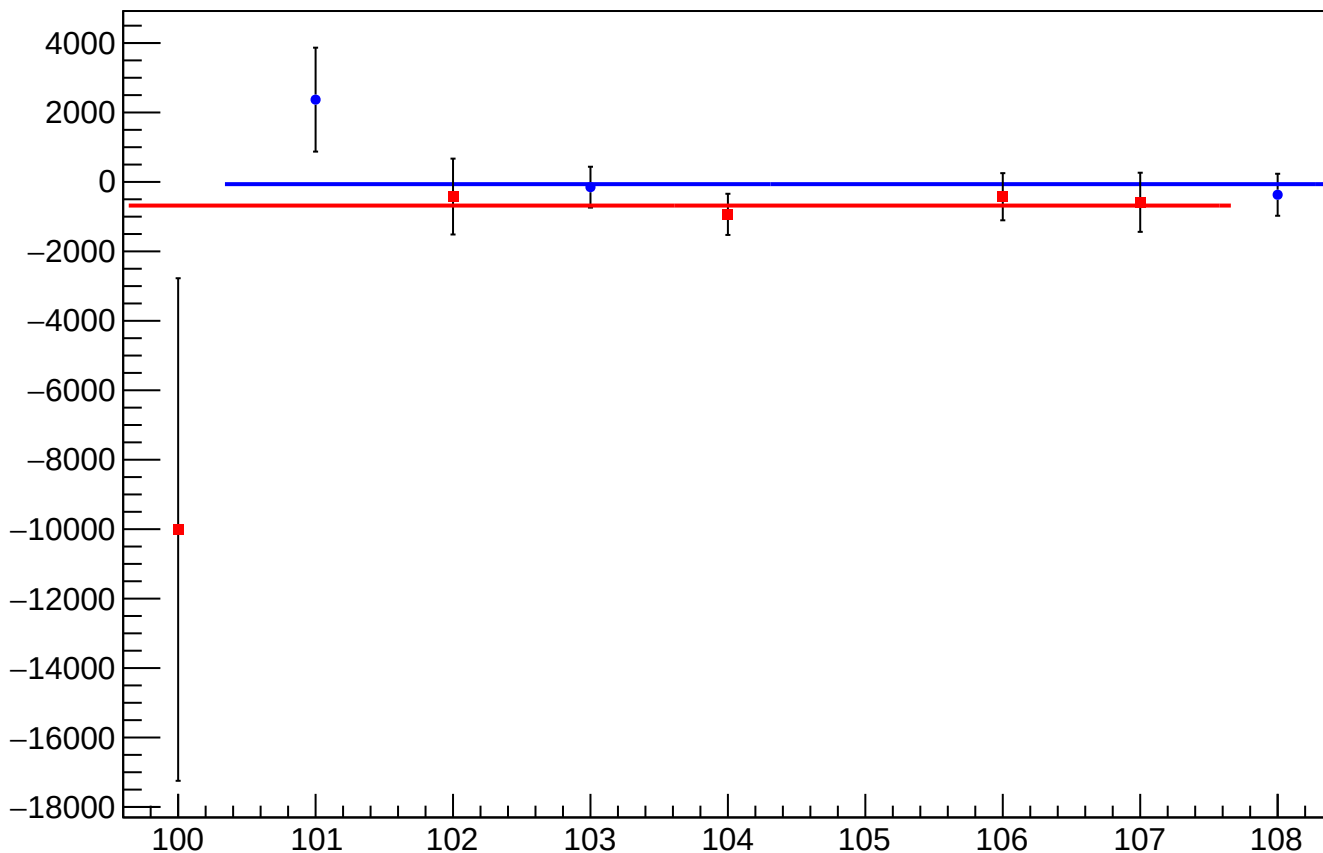
Right: 1247.721+/-0.517 χ^2/NDF : 555231.2/7

In: 1267.358+/-0.748 χ^2/NDF : 384953.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1247.721+/-0.517 χ^2/NDF : 555231.2/7

asym_us_dd_at2lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -63.874 ± 405.782 $\chi^2/\text{NDF}: 2.9/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -680.610 ± 371.338 $\chi^2/\text{NDF}: 2.1/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

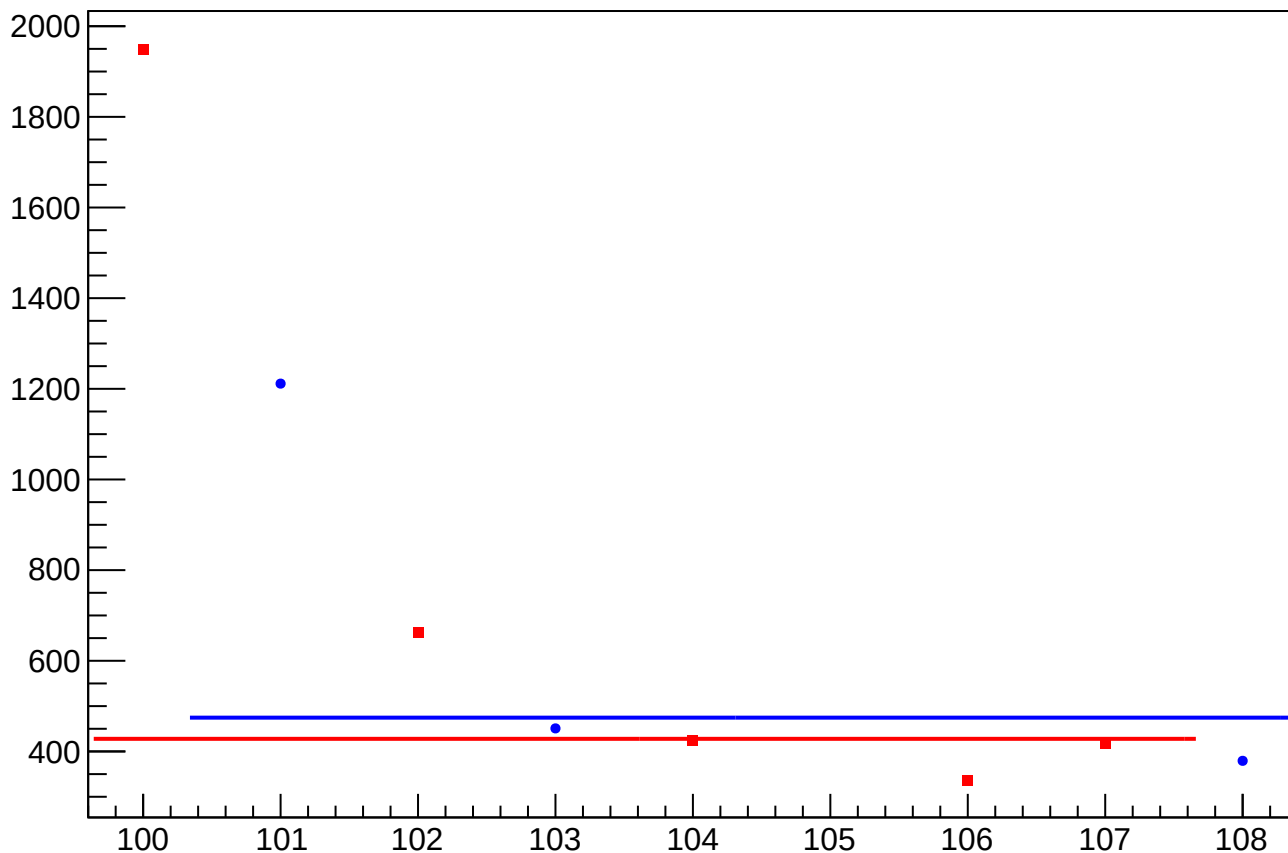
Right: -399.524 ± 273.945 $\chi^2/\text{NDF}: 6.2/7$

In: -63.874 ± 405.782 $\chi^2/\text{NDF}: 2.9/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -399.524 ± 273.945 $\chi^2/\text{NDF}: 6.2/7$

asym_us_dd_at2lr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 474.564+/-0.287 χ^2/NDF : 537717.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 427.833+/-0.263 χ^2/NDF : 218321.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

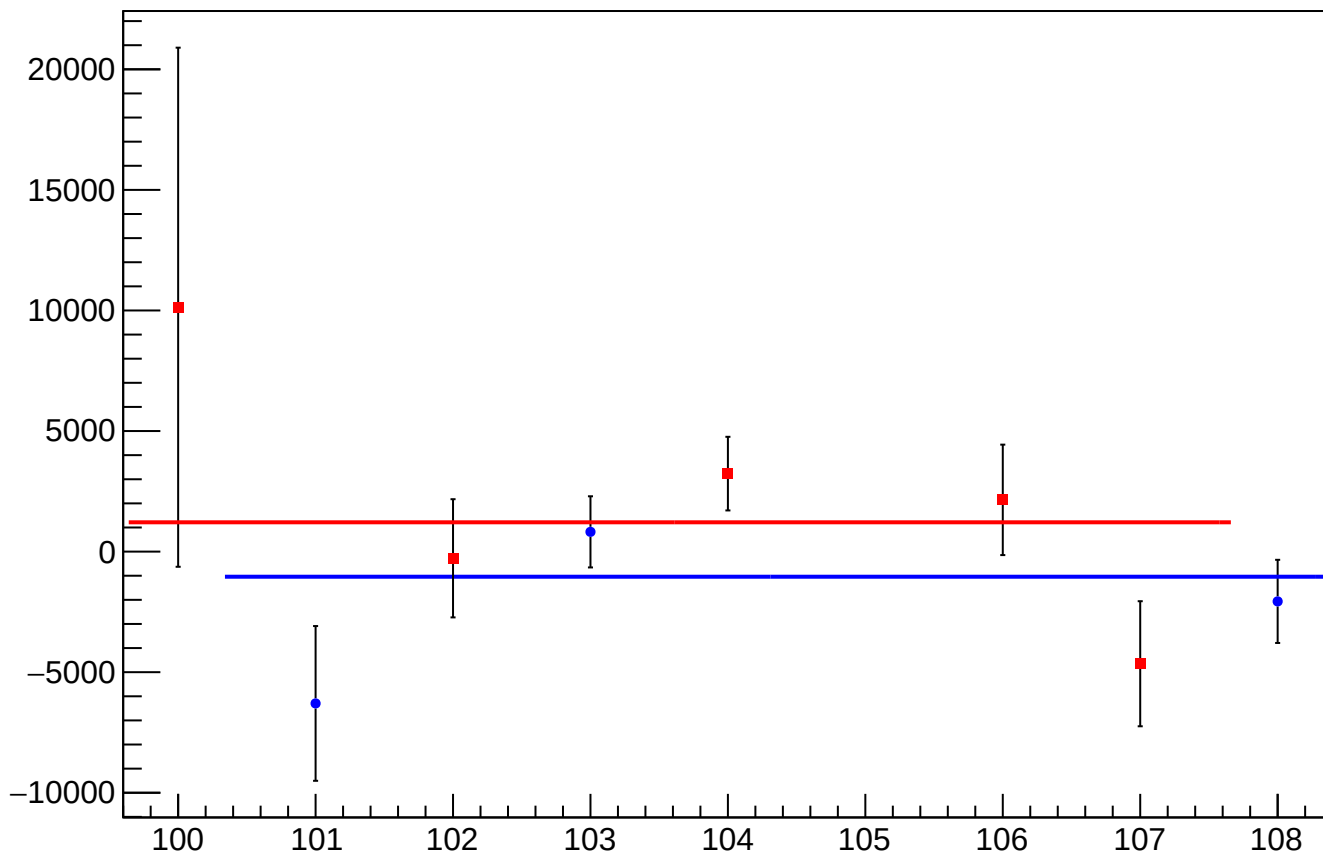
Right: 449.131+/-0.194 χ^2/NDF : 770474.3/7

In: 474.564+/-0.287 χ^2/NDF : 537717.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 449.131+/-0.194 χ^2/NDF : 770474.3/7

cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -1041.360 $\pm$ 1058.295 χ^2 /NDF: 4.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1215.306 $\pm$ 1029.462 χ^2 /NDF: 8.1/4

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

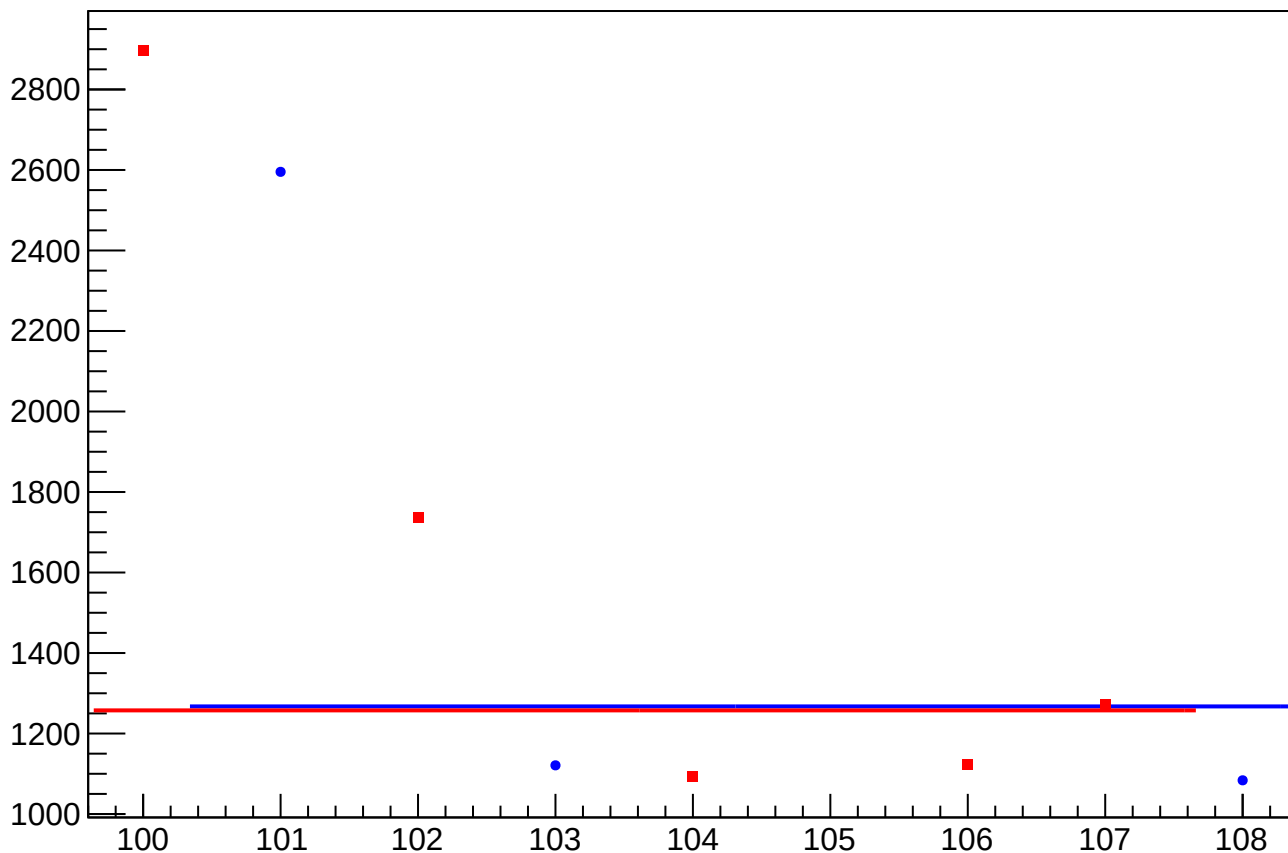
Right: 118.133 $\pm$ 737.922 χ^2 /NDF: 15.0/7

In: -1041.360 $\pm$ 1058.295 χ^2 /NDF:4.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 118.133 $\pm$ 737.922 χ^2 /NDF: 15.0/7

cor_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1267.357+/-0.748 χ^2/NDF : 384953.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1257.502+/-0.728 χ^2/NDF : 152607.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

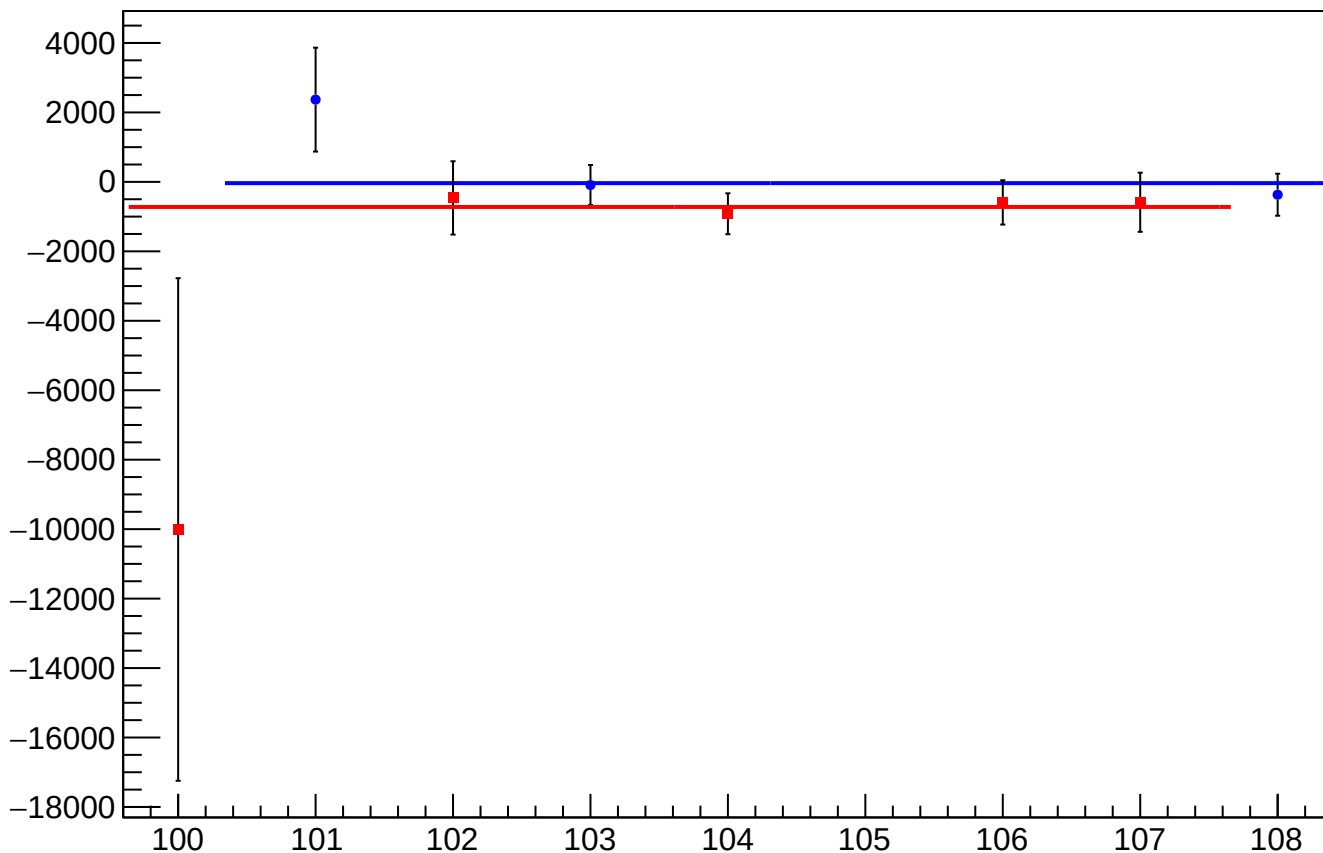
Right: 1262.294+/-0.522 χ^2/NDF : 537649.8/7

In: 1267.357+/-0.748 χ^2/NDF : 384953.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1262.294+/-0.522 χ^2/NDF : 537649.8/7

asym_us_dd_at2lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -36.402 ± 402.051 χ^2/NDF : 2.9/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -722.011 ± 361.970 χ^2/NDF : 1.9/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

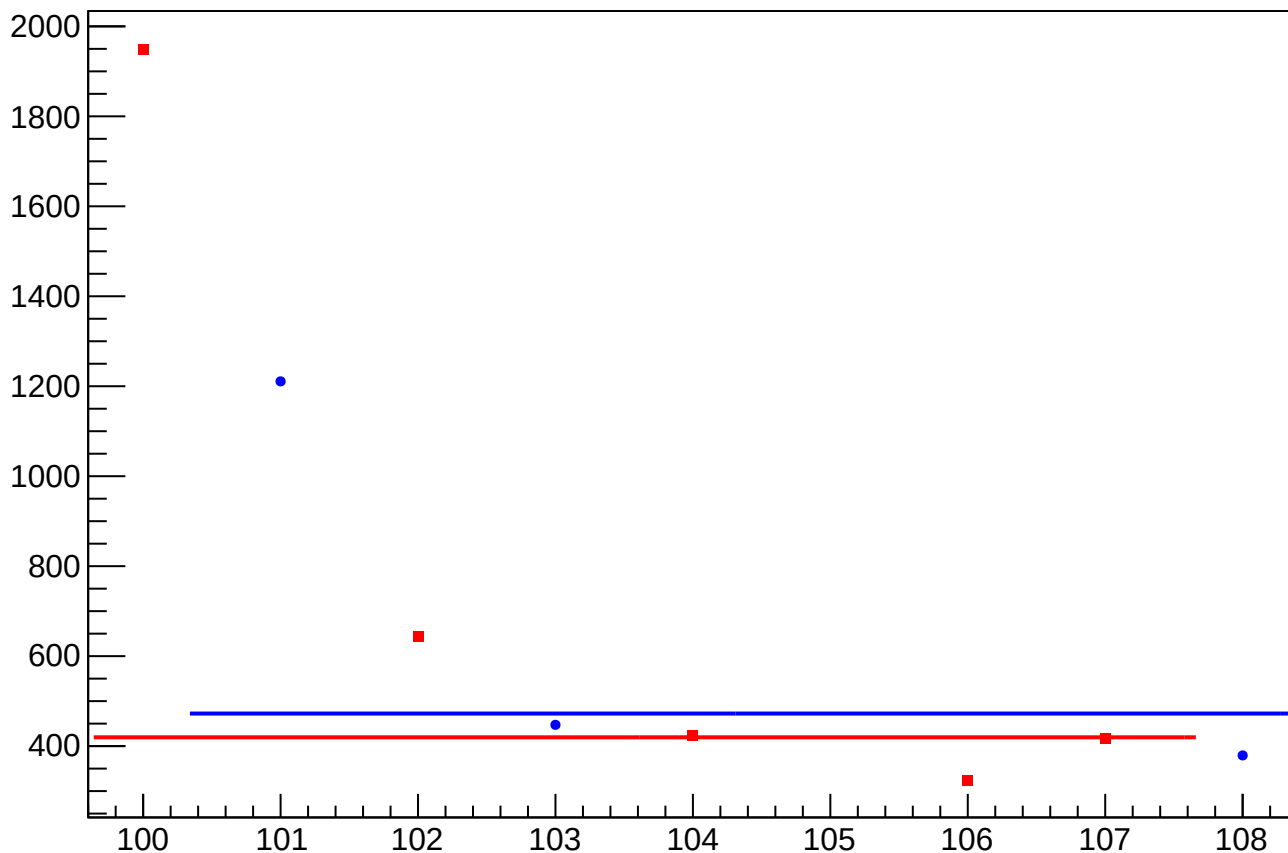
Right: -415.076 ± 269.009 χ^2/NDF : 6.4/7

In: -36.402 ± 402.051 χ^2/NDF : 2.9/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -415.076 ± 269.009 χ^2/NDF : 6.4/7

asym_us_dd_at2lr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 472.389+/-0.284 χ^2/NDF : 538519.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 419.571+/-0.256 χ^2/NDF : 224270.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

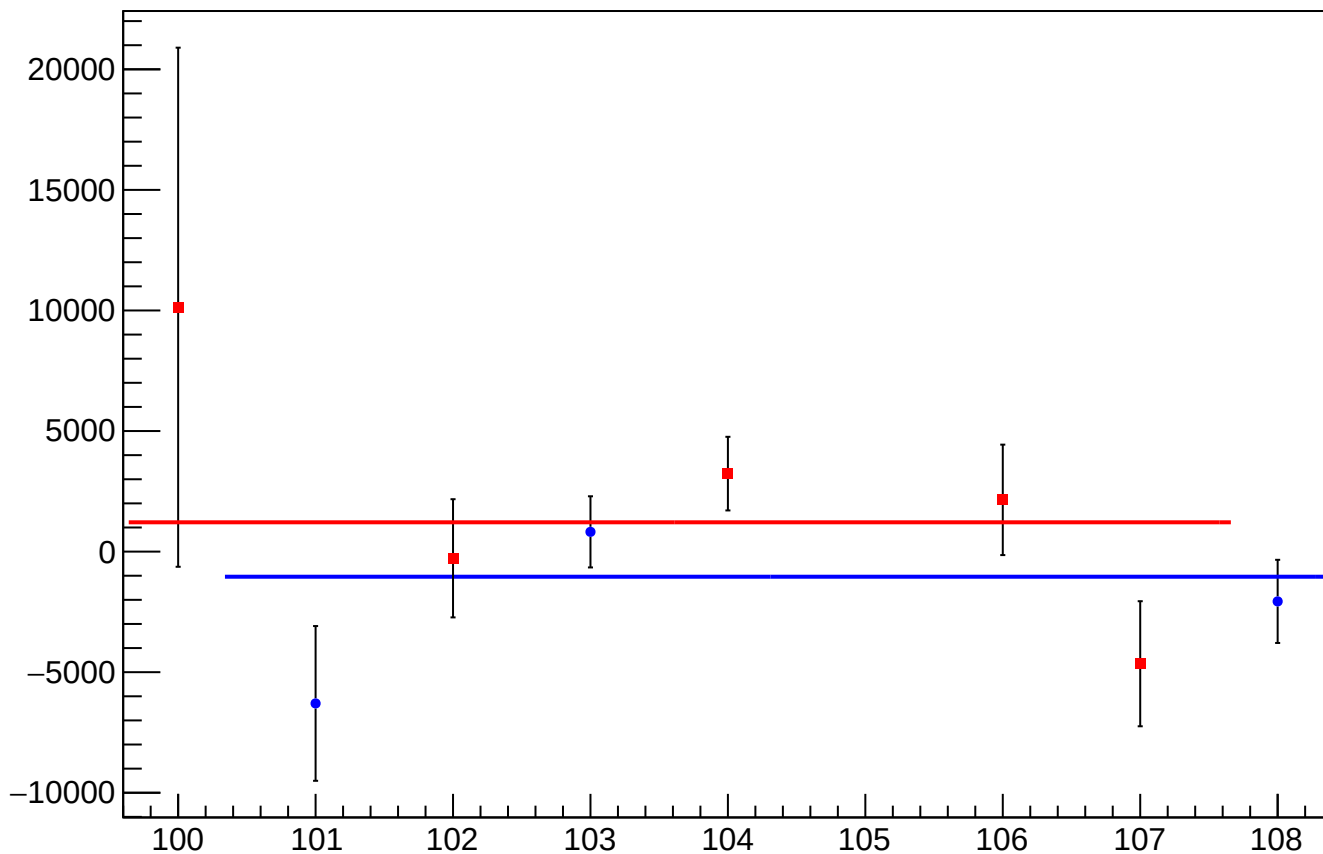
Right: 443.217+/-0.190 χ^2/NDF : 781854.8/7

In: 472.389+/-0.284 χ^2/NDF : 538519.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 443.217+/-0.190 χ^2/NDF : 781854.8/7

eigen_cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -1041.360+/-1058.295 χ^2/NDF : 4.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1215.306+/-1029.462 χ^2/NDF : 8.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

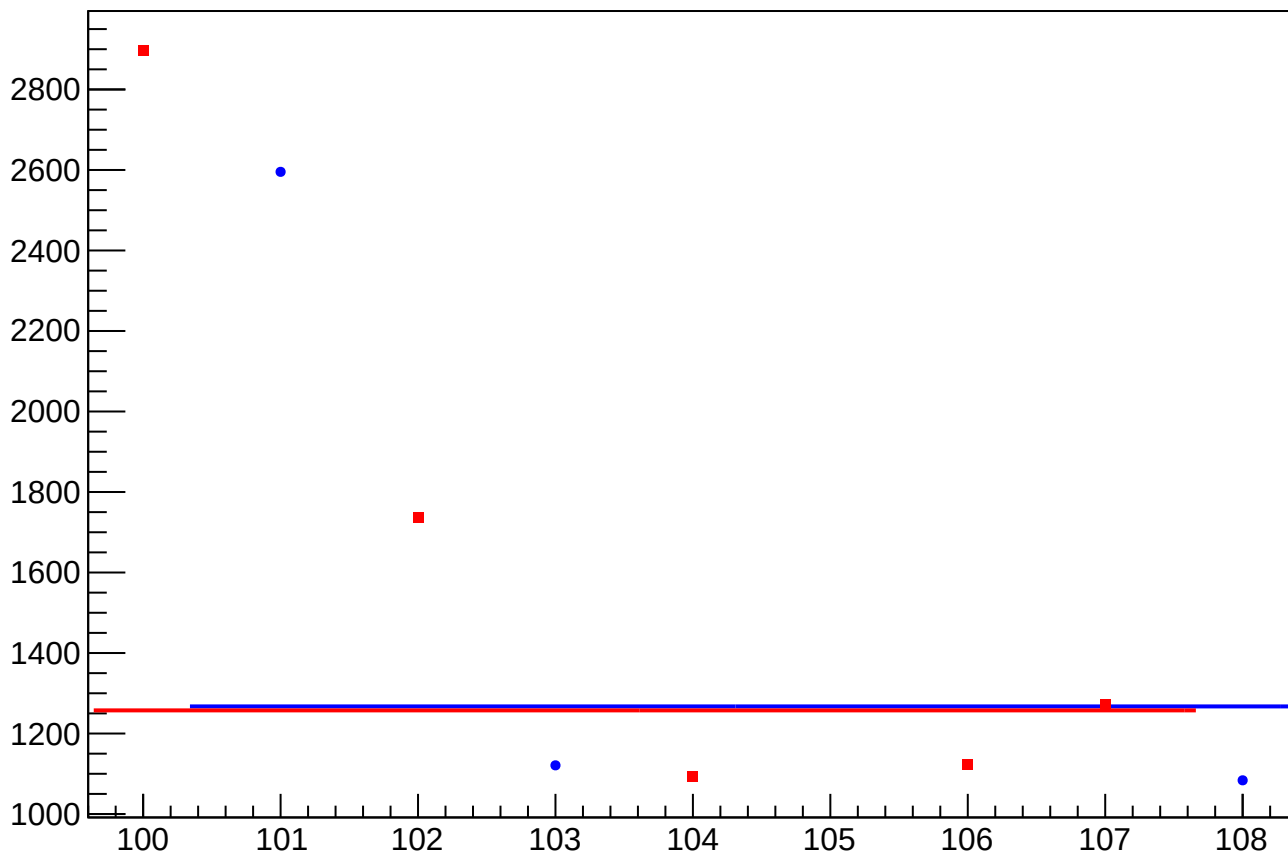
Right: 118.133+/-737.922 χ^2/NDF : 15.0/7

In: -1041.360+/-1058.295 χ^2/NDF : 4.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.133+/-737.922 χ^2/NDF : 15.0/7

eigen_cor_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1267.357+/-0.748 χ^2/NDF : 384953.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1257.502+/-0.728 χ^2/NDF : 152607.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

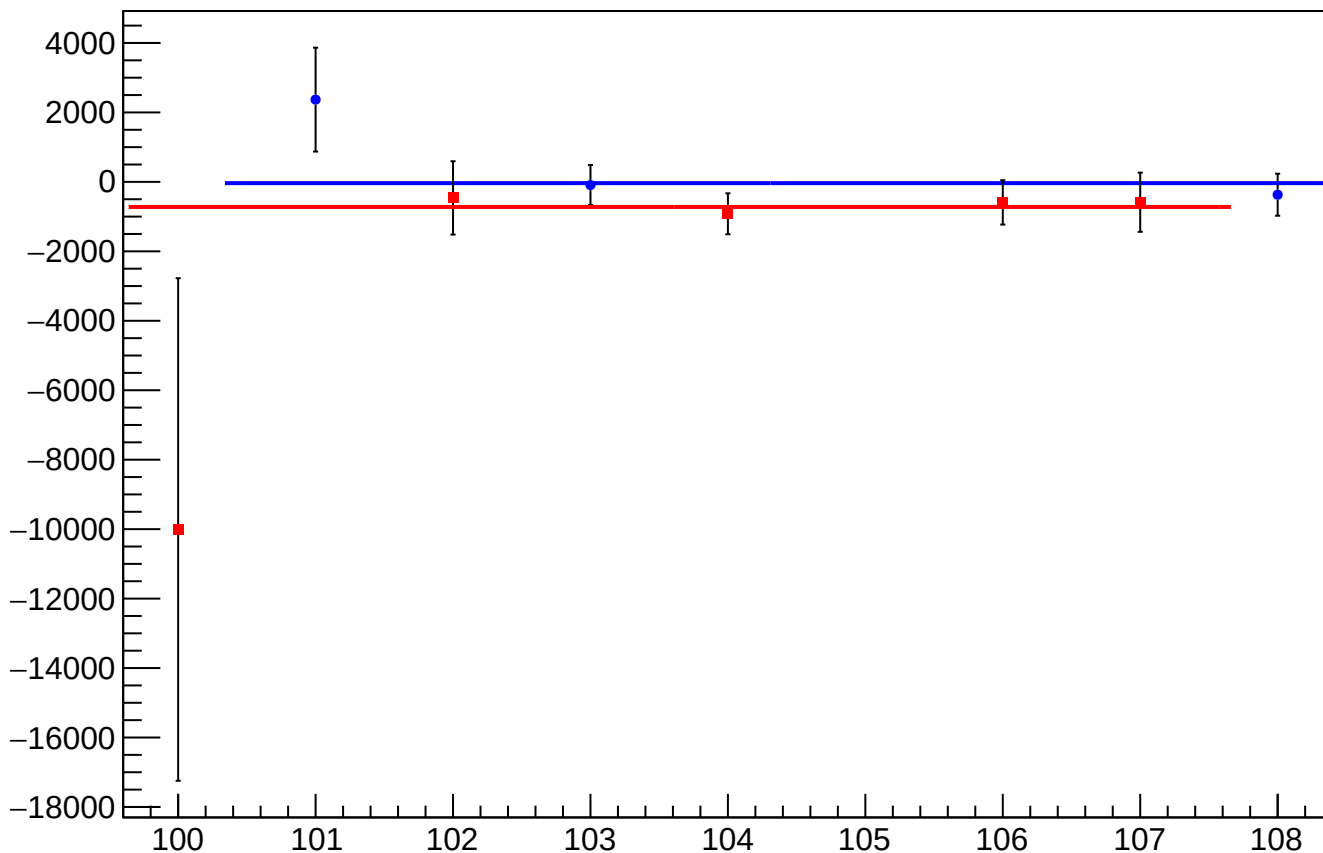
Right: 1262.294+/-0.522 χ^2/NDF : 537649.8/7

In: 1267.357+/-0.748 χ^2/NDF : 384953.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1262.294+/-0.522 χ^2/NDF : 537649.8/7

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -36.402 ± 402.051 χ^2/NDF : 2.9/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -722.011 ± 361.970 χ^2/NDF : 1.9/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

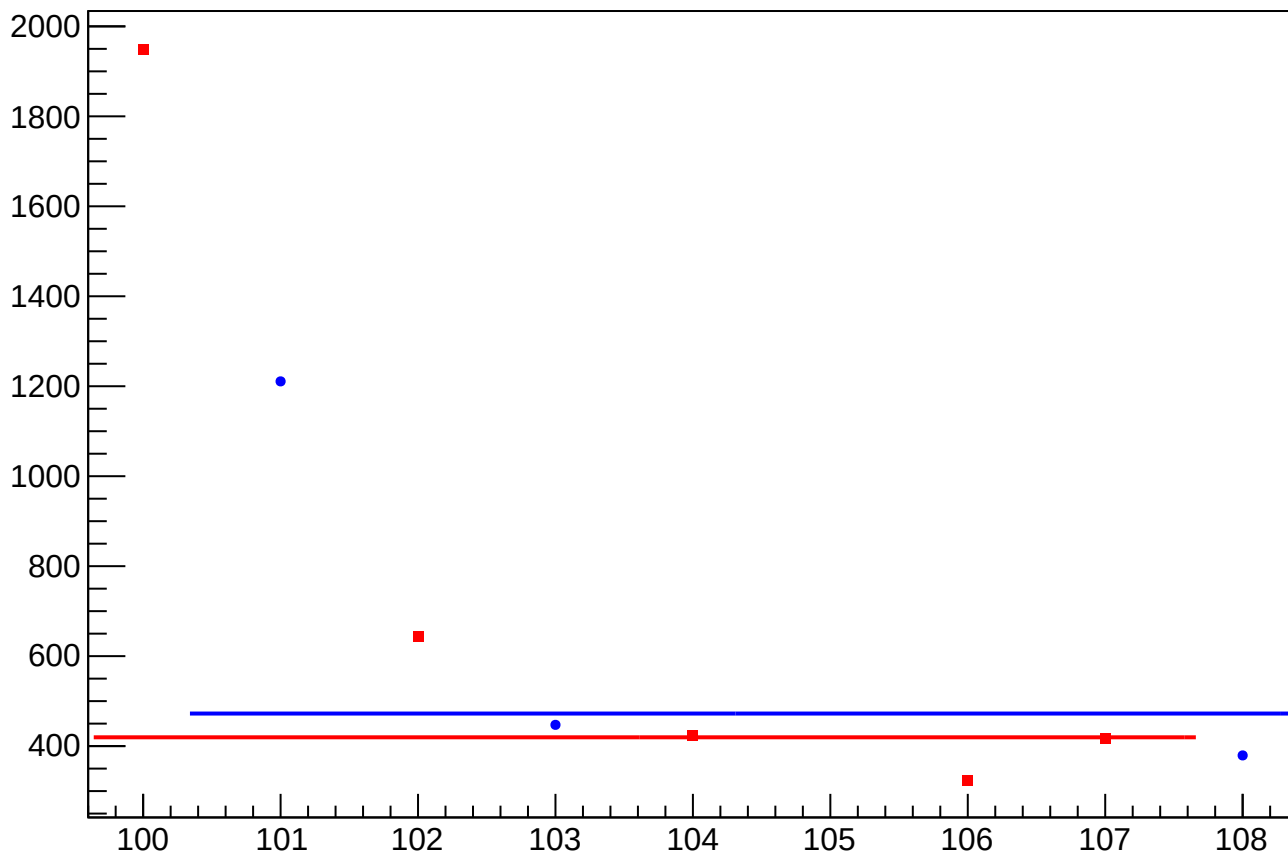
Right: -415.076 ± 269.009 χ^2/NDF : 6.4/7

In: -36.402 ± 402.051 χ^2/NDF : 2.9/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -415.076 ± 269.009 χ^2/NDF : 6.4/7

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 472.389+/-0.284 χ^2/NDF : 538519.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 419.571+/-0.256 χ^2/NDF : 224270.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

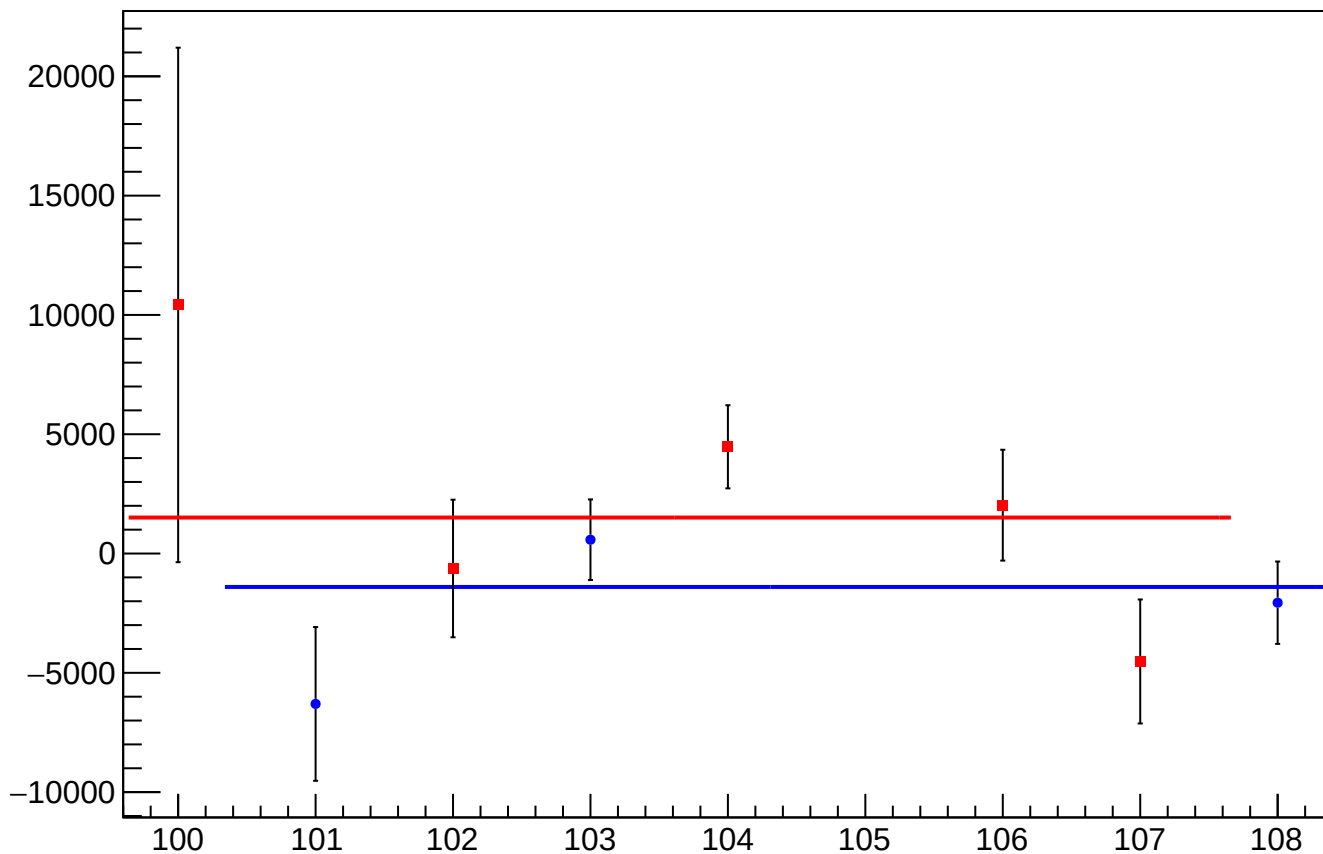
Right: 443.217+/-0.190 χ^2/NDF : 781854.8/7

In: 472.389+/-0.284 χ^2/NDF : 538519.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 443.217+/-0.190 χ^2/NDF : 781854.8/7

dit_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -1400.943+/-1130.486 χ^2/NDF : 3.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1508.011+/-1123.651 χ^2/NDF : 9.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

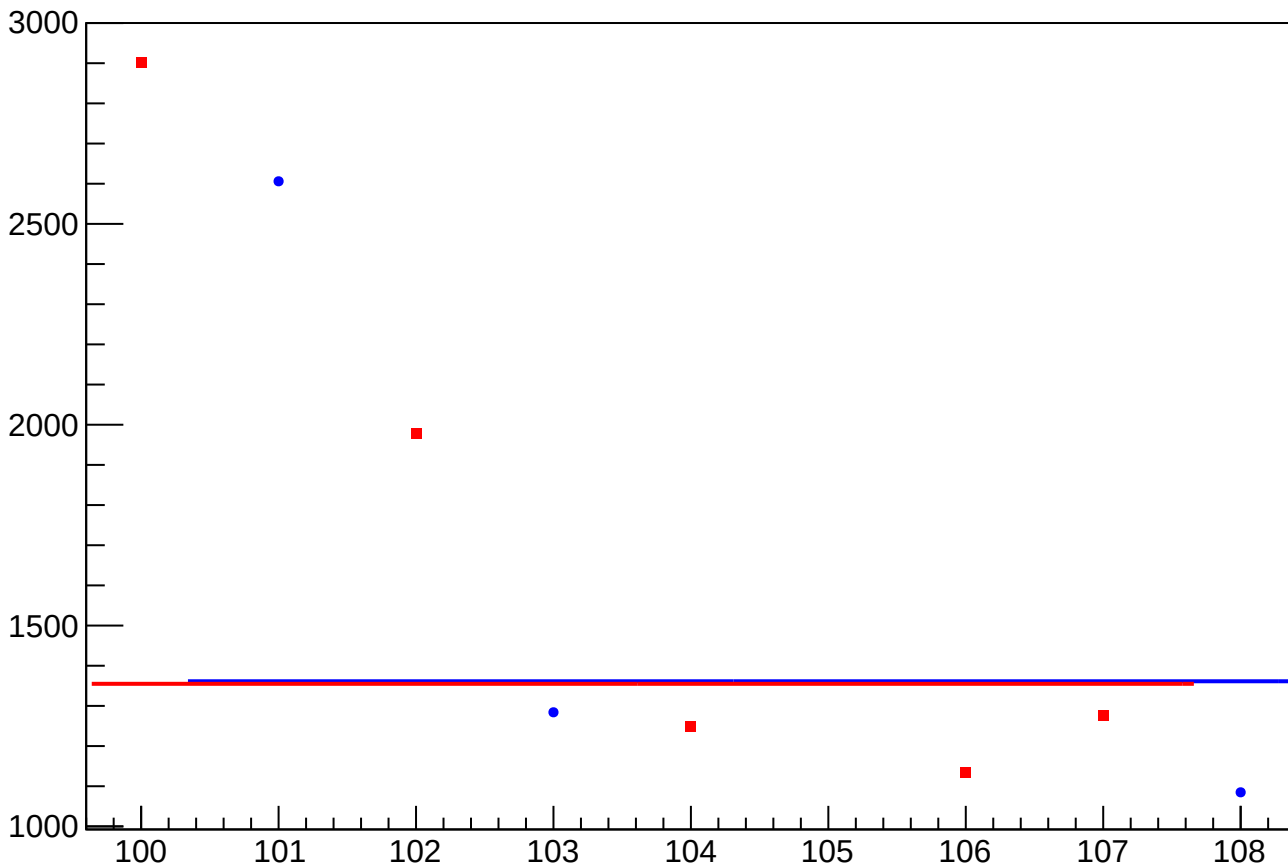
Right: 62.354+/-796.947 χ^2/NDF : 16.7/7

In: -1400.943+/-1130.486 χ^2/NDF : 3.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.354+/-796.947 χ^2/NDF : 16.7/7

dit_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1361.323+/-0.799 χ^2/NDF : 353868.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1354.987+/-0.795 χ^2/NDF : 162148.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

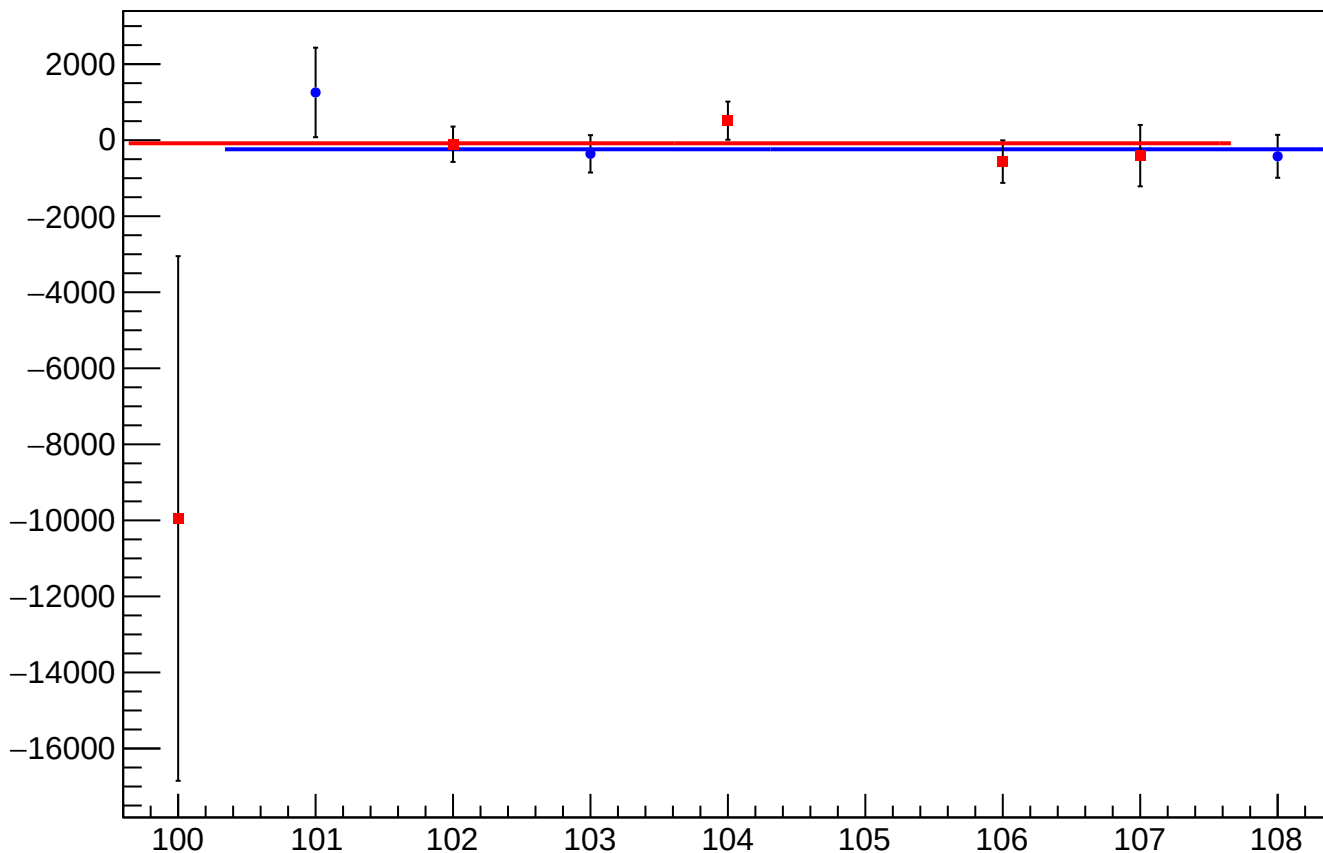
Right: 1358.136+/-0.564 χ^2/NDF : 516048.1/7

In: 1361.323+/-0.799 χ^2/NDF : 353868.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1358.136+/-0.564 χ^2/NDF : 516048.1/7

asym_us_dd_at2lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -239.521+/-353.487 χ^2/NDF : 1.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -81.707+/-273.502 χ^2/NDF : 4.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

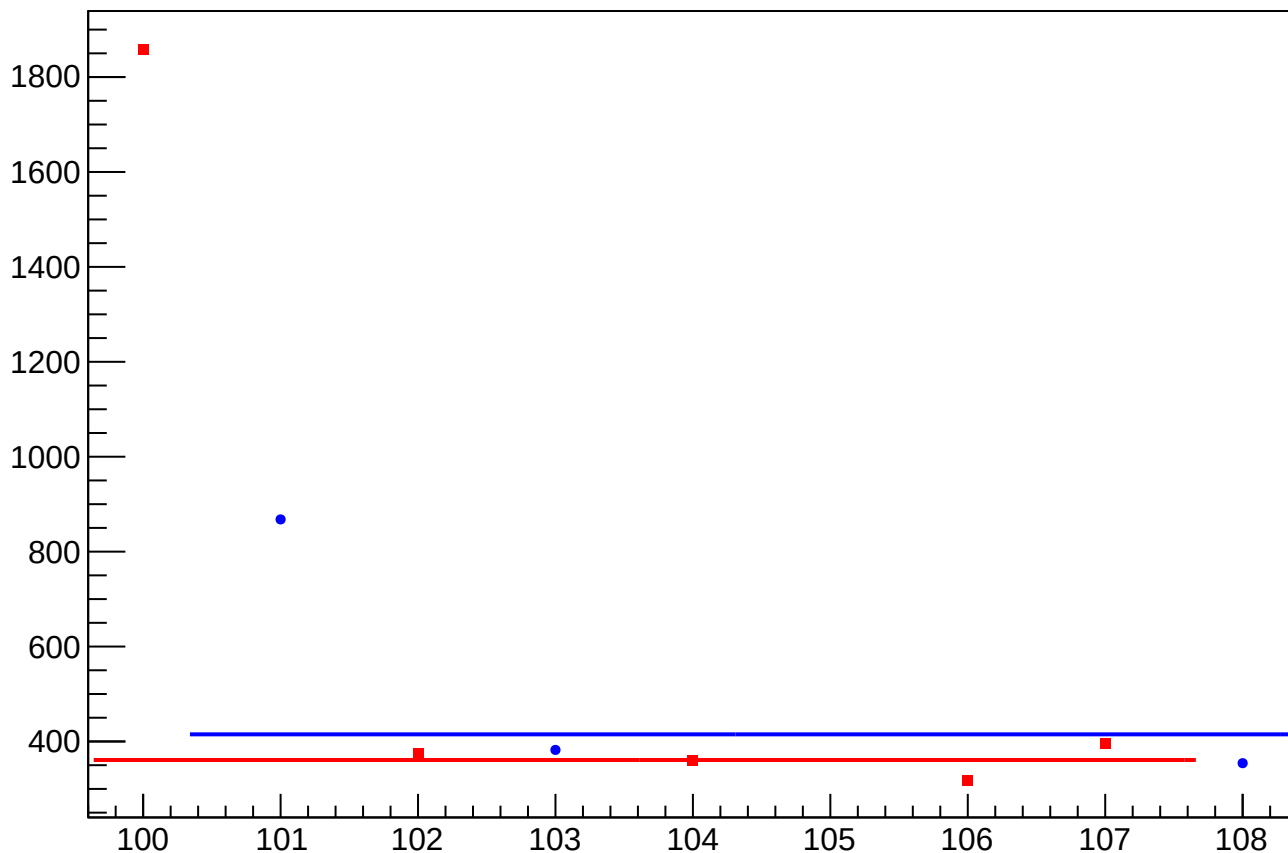
Right: -140.804+/-216.314 χ^2/NDF : 6.3/7

In: -239.521+/-353.487 χ^2/NDF : 1.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -140.804+/-216.314 χ^2/NDF : 6.3/7

asym_us_dd_at2lr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 415.007+/-0.250 χ^2/NDF : 327933.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 360.973+/-0.193 χ^2/NDF : 111433.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

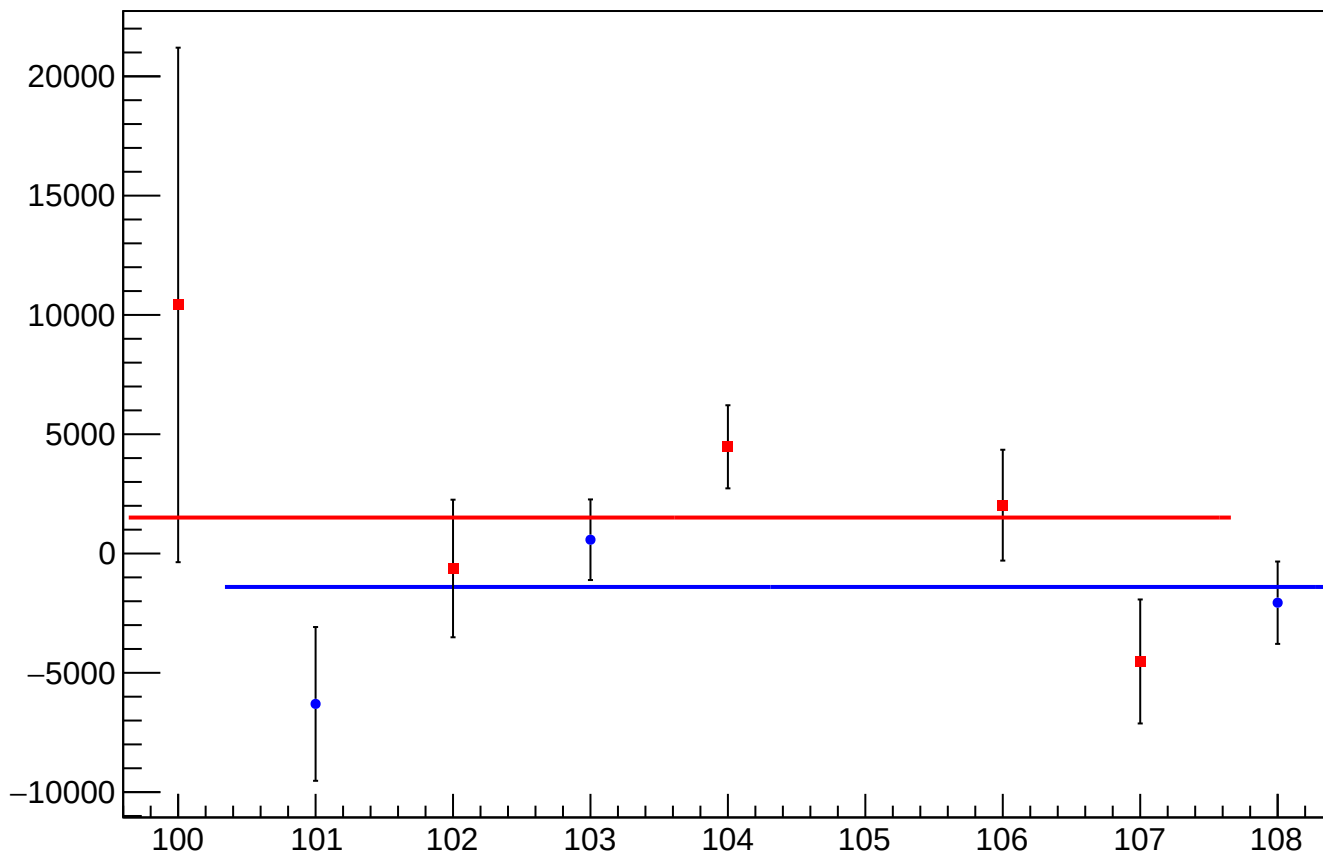
Right: 381.207+/-0.153 χ^2/NDF : 468600.0/7

In: 415.007+/-0.250 χ^2/NDF : 327933.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 381.207+/-0.153 χ^2/NDF : 468600.0/7

eigen_dit_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -1400.952+/-1130.487 χ^2/NDF : 3.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1508.016+/-1123.651 χ^2/NDF : 9.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

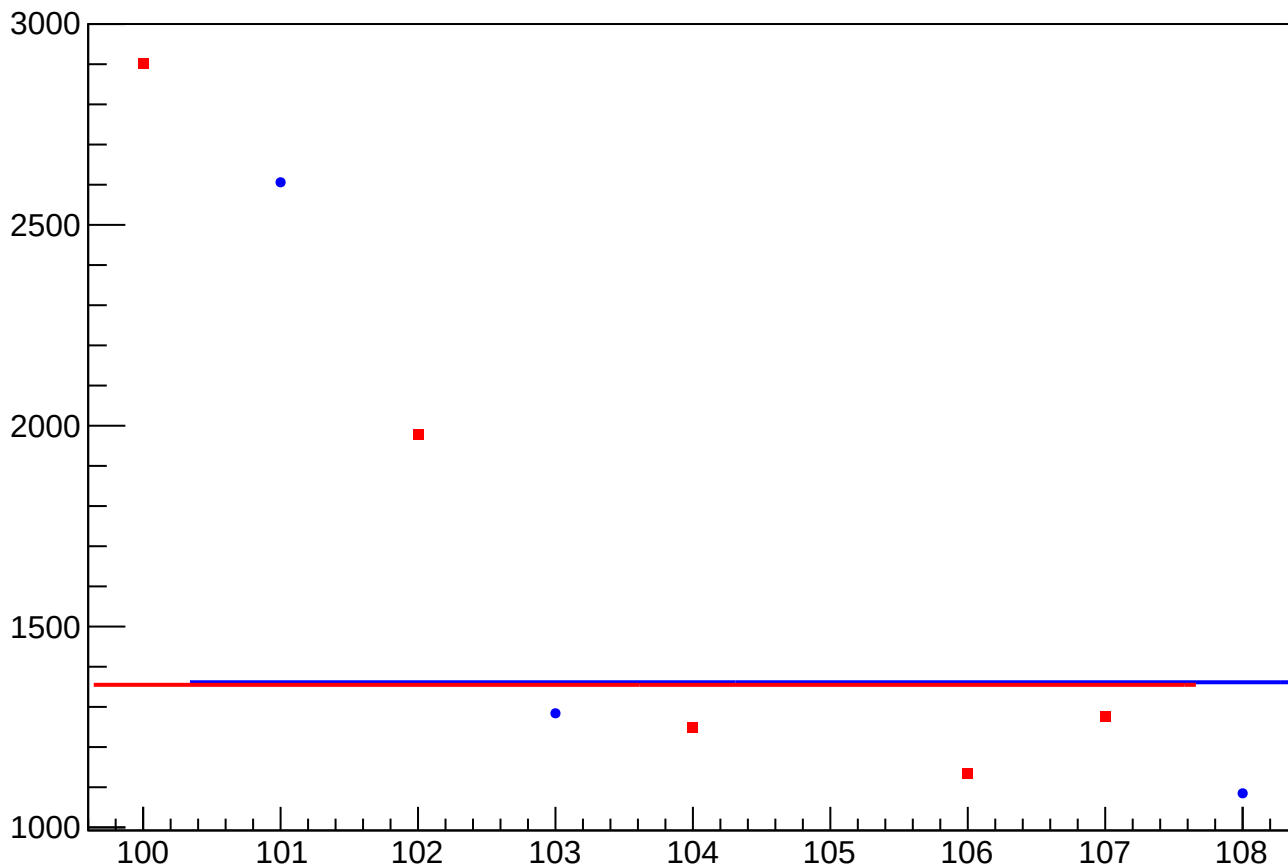
Right: 62.354+/-796.947 χ^2/NDF : 16.7/7

In: -1400.952+/-1130.487 χ^2/NDF : 3.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.354+/-796.947 χ^2/NDF : 16.7/7

eigen_dit_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1361.323+/-0.799 χ^2/NDF : 353867.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1354.987+/-0.795 χ^2/NDF : 162148.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

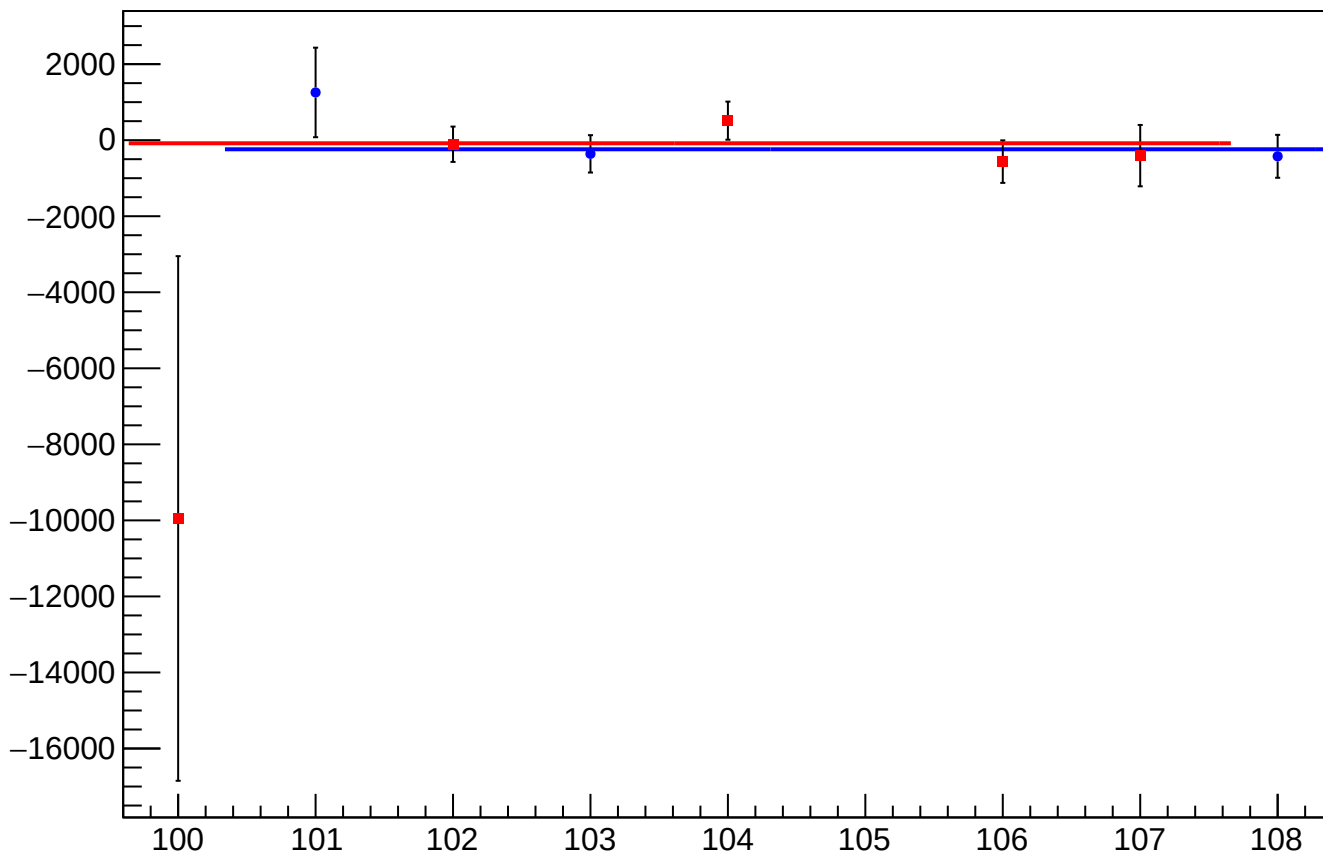
Right: 1358.136+/-0.564 χ^2/NDF : 516047.7/7

In: 1361.323+/-0.799 χ^2/NDF : 353867.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1358.136+/-0.564 χ^2/NDF : 516047.7/7

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -239.531+/-353.481 χ^2/NDF : 1.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -81.709+/-273.499 χ^2/NDF : 4.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

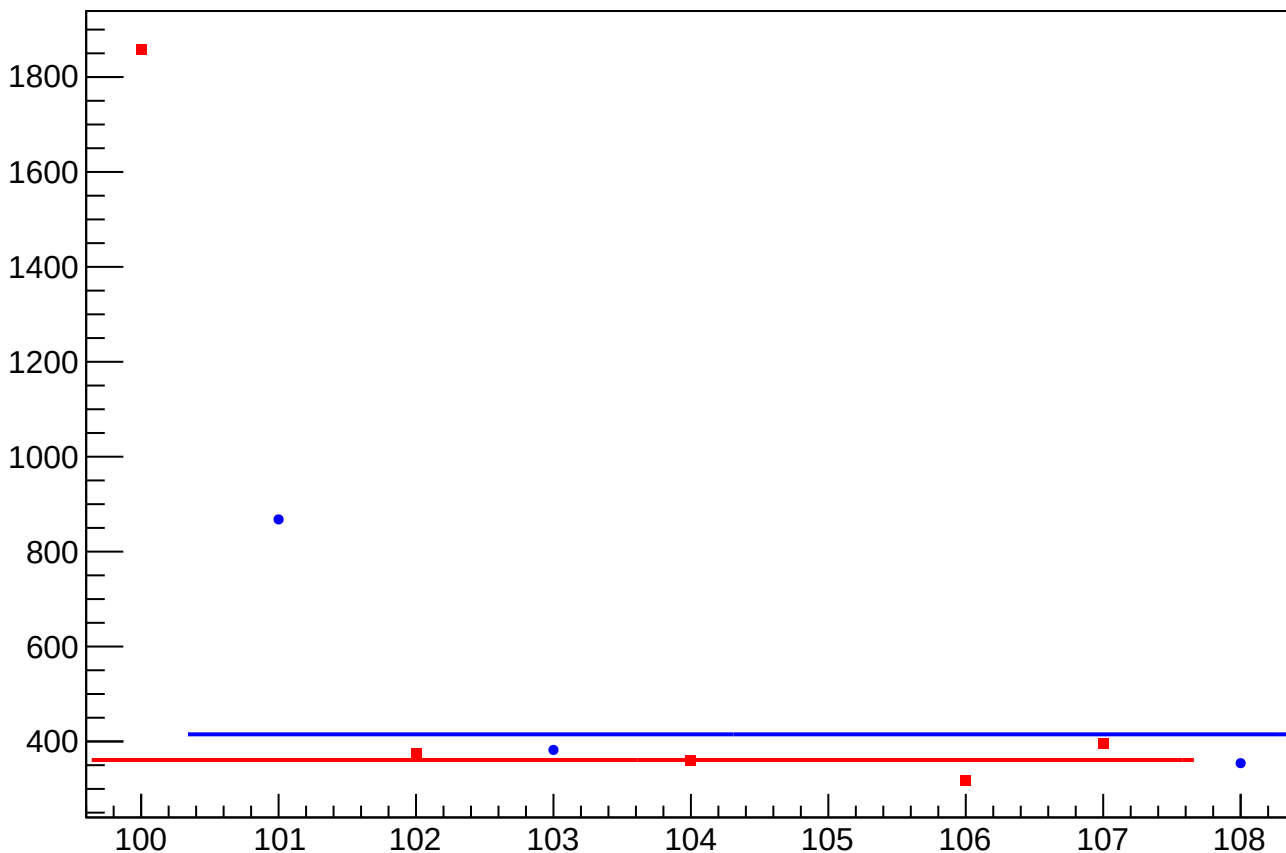
Right: -140.809+/-216.311 χ^2/NDF : 6.3/7

In: -239.531+/-353.481 χ^2/NDF : 1.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -140.809+/-216.311 χ^2/NDF : 6.3/7

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 415.000+/-0.250 χ^2/NDF : 327942.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 360.969+/-0.193 χ^2/NDF : 111440.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

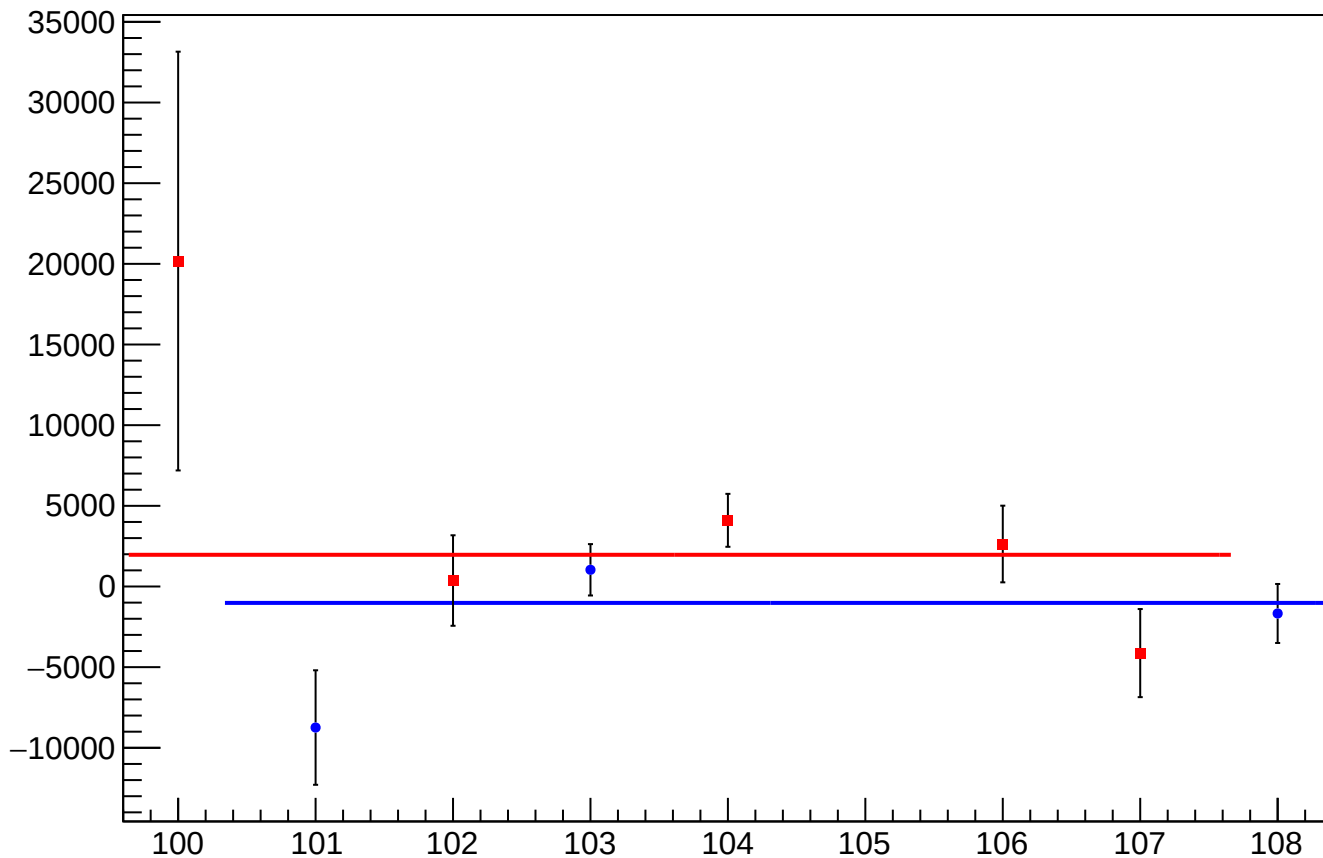
Right: 381.202+/-0.153 χ^2/NDF : 468613.4/7

In: 415.000+/-0.250 χ^2/NDF : 327942.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 381.202+/-0.153 χ^2/NDF : 468613.4/7

asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -1017.029+/-1137.576 χ^2/NDF : 6.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1965.219+/-1107.249 χ^2/NDF : 9.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

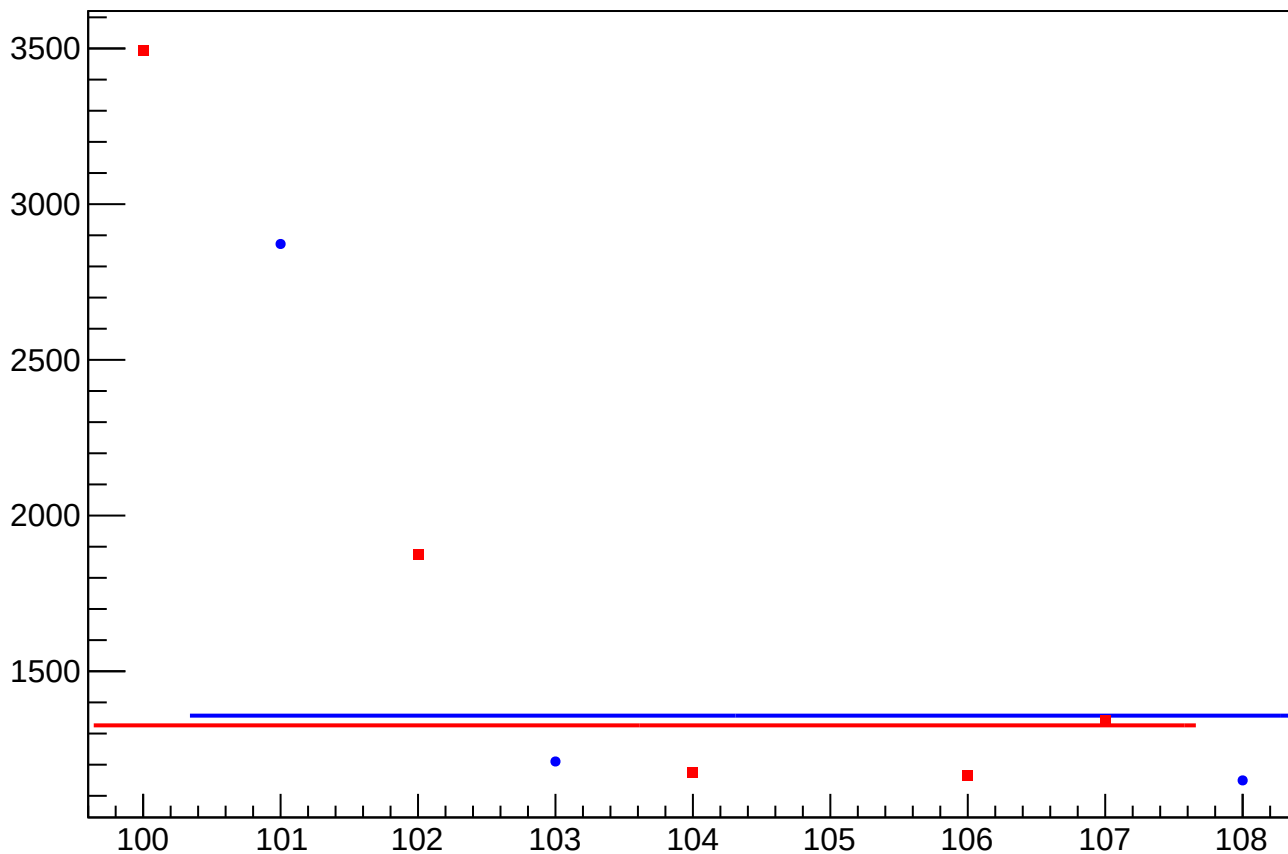
Right: 514.377+/-793.448 χ^2/NDF : 19.1/7

In: -1017.029+/-1137.576 χ^2/NDF : 6.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 514.377+/-793.448 χ^2/NDF : 19.1/7

asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1357.484 $\pm$ 0.804 χ^2 /NDF: 407177.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1326.264 $\pm$ 0.783 χ^2 /NDF: 158299.5/4

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

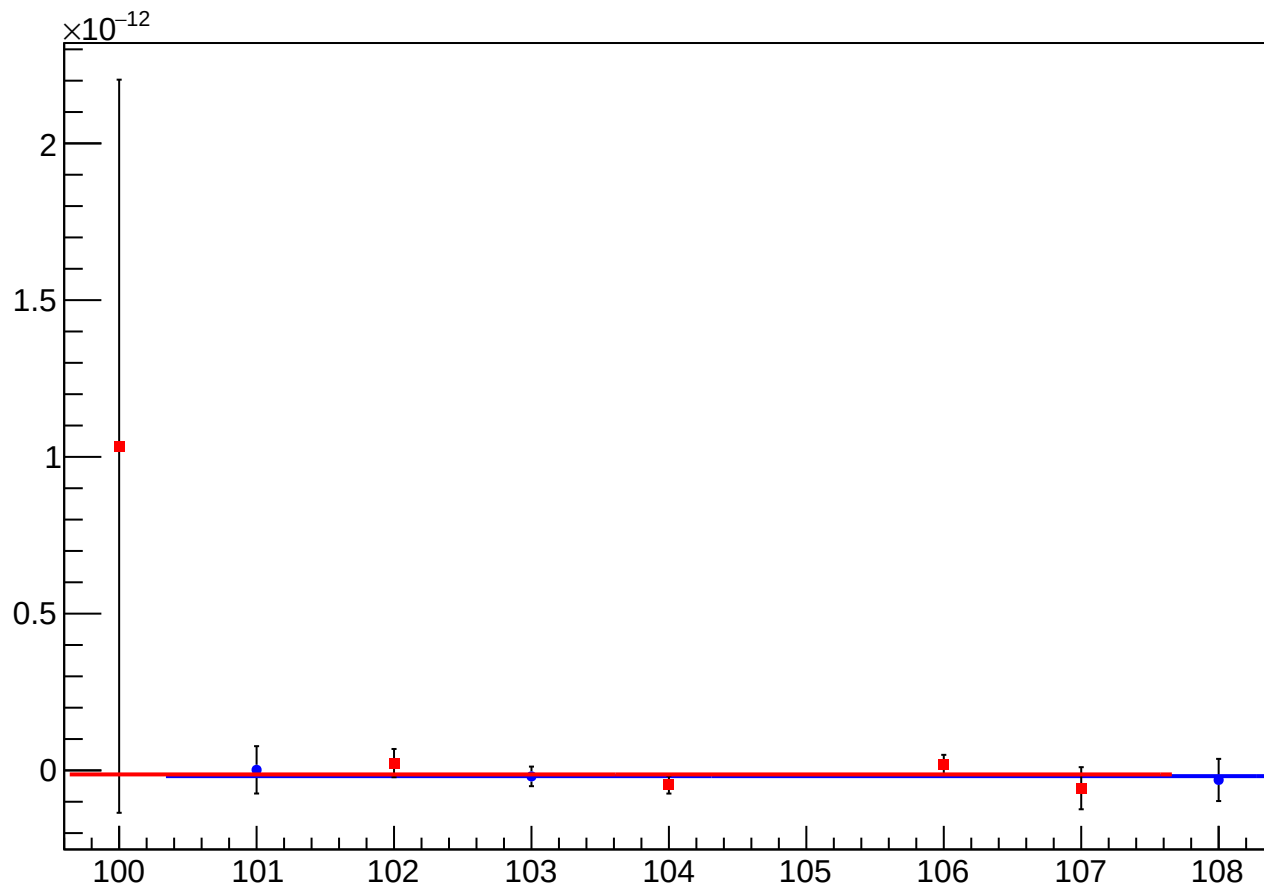
Right: 1341.452 $\pm$ 0.561 χ^2 /NDF: 566250.5/7

In: 1357.484 $\pm$ 0.804 χ^2 /NDF:407177.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1341.452 $\pm$ 0.561 χ^2 /NDF: 566250.5/7

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

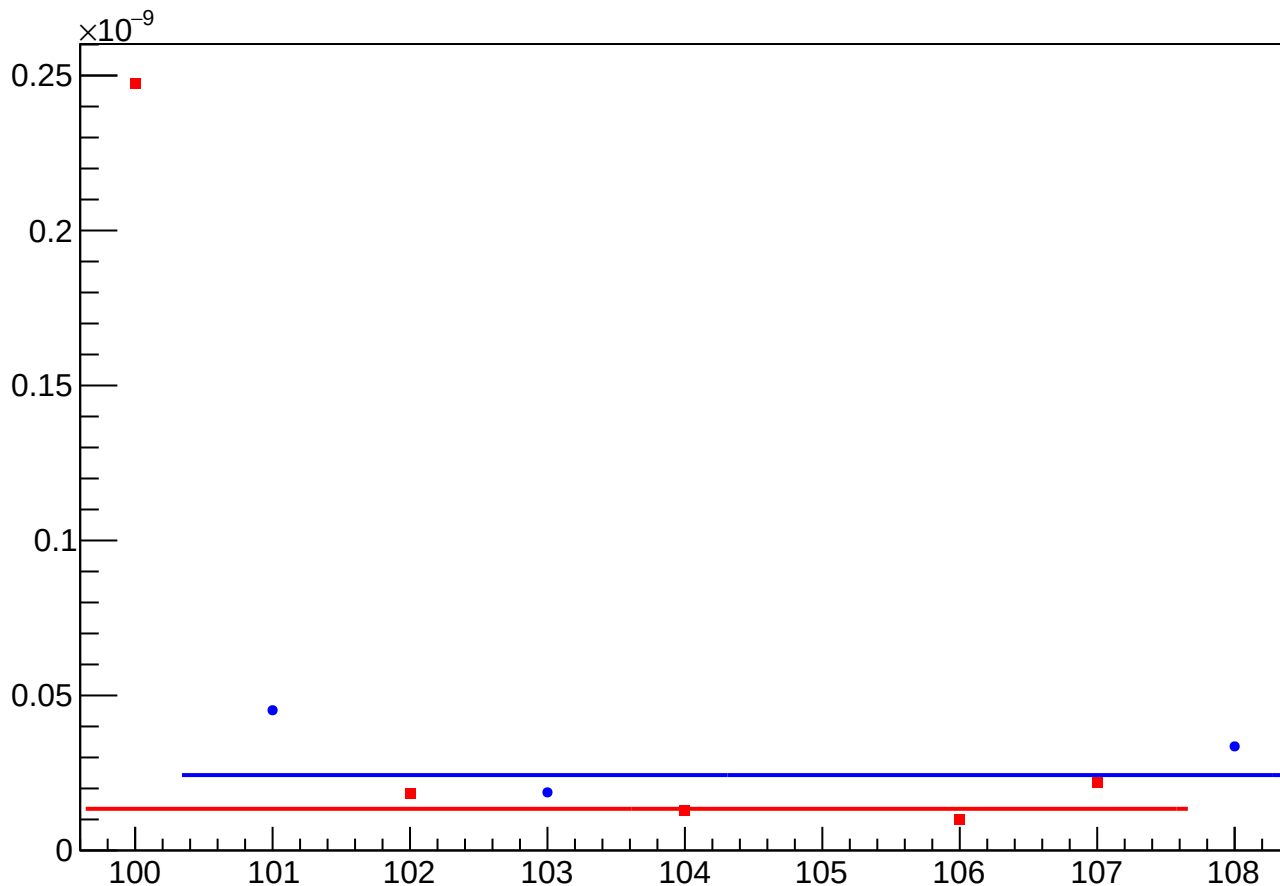
Right: -0.000+/-0.000 χ^2/NDF : 4.4/7

In: -0.000+/-0.000 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.4/7

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 255209.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 165396.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

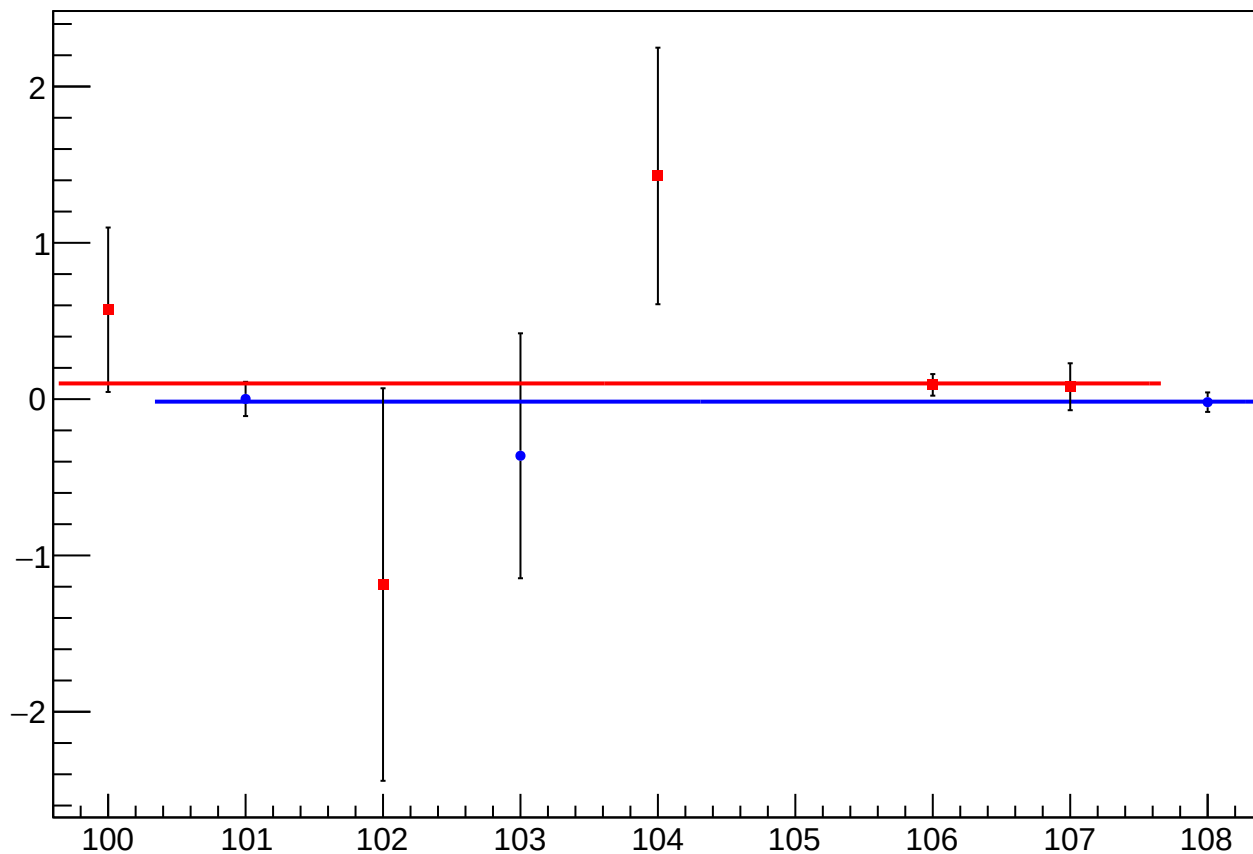
Right: 0.000+/-0.000 χ^2/NDF : 649399.6/7

In: 0.000+/-0.000 χ^2/NDF : 255209.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 649399.6/7

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 $\pm$ 0.054 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.100 $\pm$ 0.062 χ^2 /NDF: 4.5/4

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

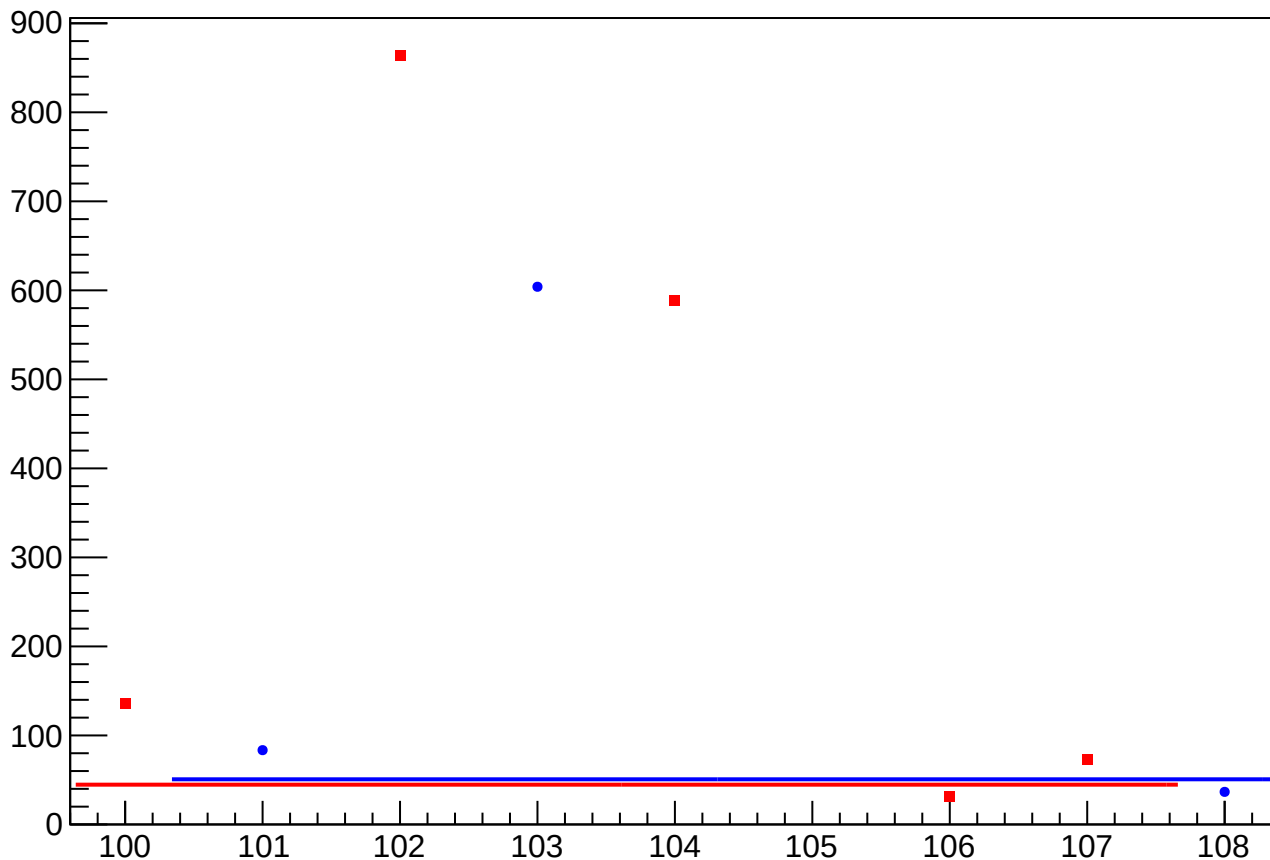
Right: 0.034 $\pm$ 0.041 χ^2 /NDF: 6.7/7

In: -0.016 $\pm$ 0.054 χ^2 /NDF:0.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.034 $\pm$ 0.041 χ^2 /NDF: 6.7/7

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.726 $\pm$ 0.038 χ^2 /NDF: 1278689.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 44.694 $\pm$ 0.044 χ^2 /NDF: 1936872.9/4

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

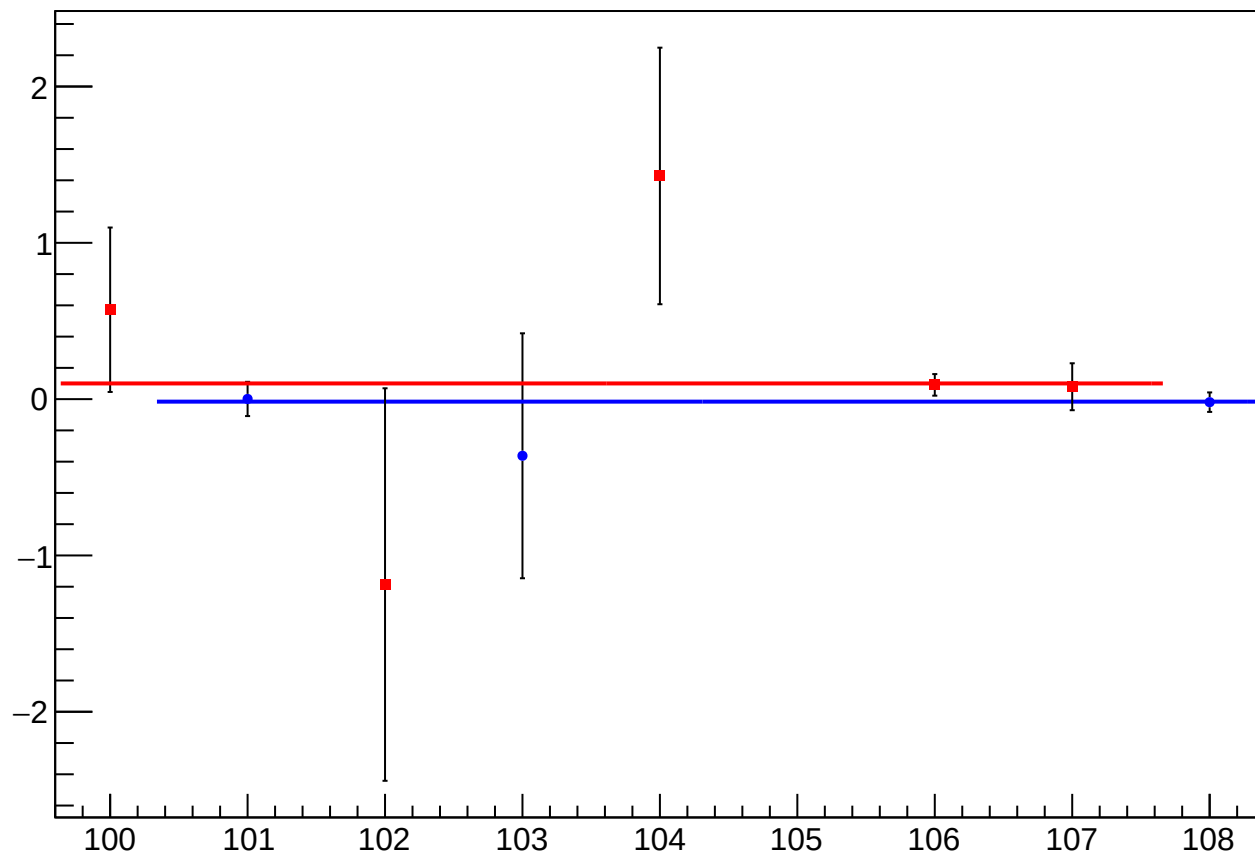
Right: 48.122 $\pm$ 0.029 χ^2 /NDF: 3226313.8/7

In: 50.726 $\pm$ 0.038 χ^2 /NDF:1278689.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 48.122 $\pm$ 0.029 χ^2 /NDF: 3226313.8/7

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 $\pm$ 0.054 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.100 $\pm$ 0.062 χ^2 /NDF: 4.5/4

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

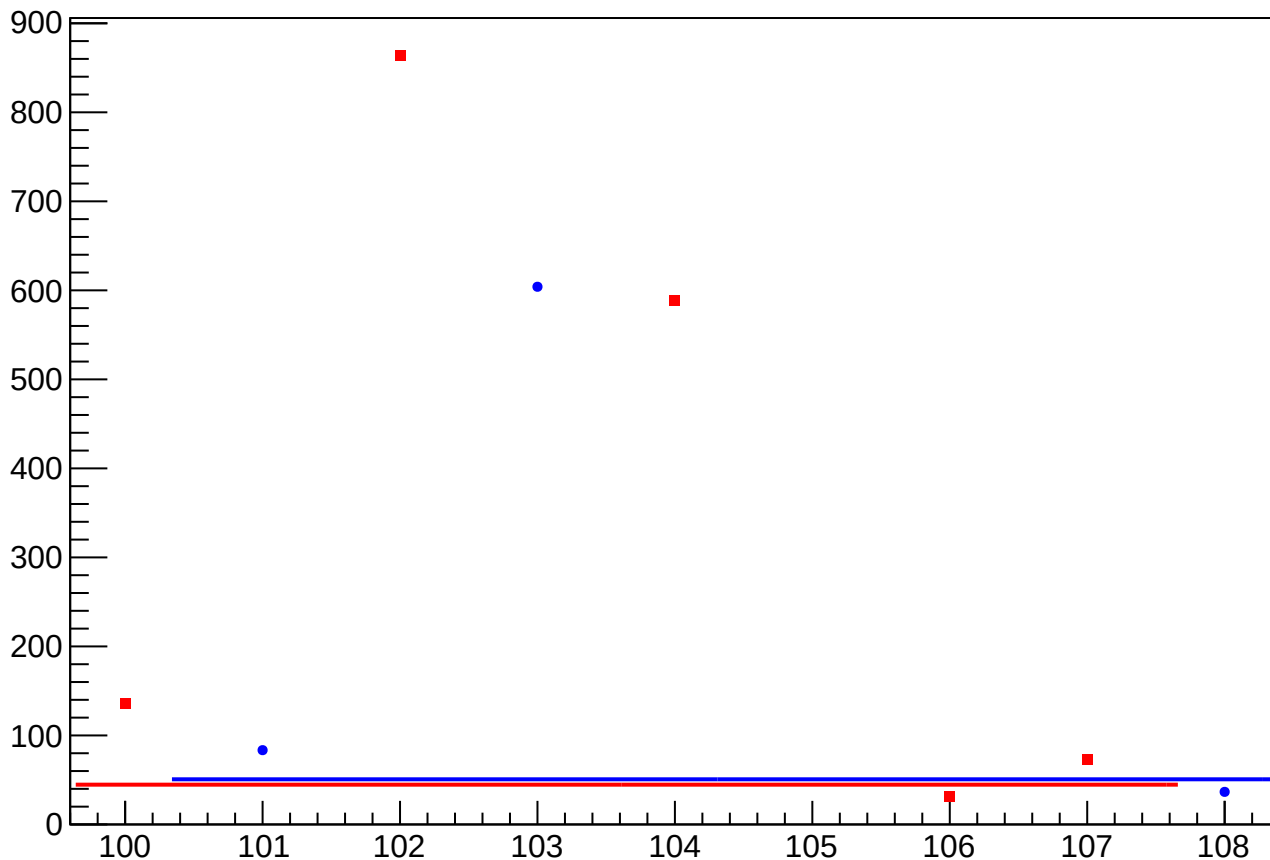
Right: 0.034 $\pm$ 0.041 χ^2 /NDF: 6.7/7

In: -0.016 $\pm$ 0.054 χ^2 /NDF:0.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.034 $\pm$ 0.041 χ^2 /NDF: 6.7/7

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.726 $\pm$ 0.038 χ^2 /NDF: 1278689.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 44.694 $\pm$ 0.044 χ^2 /NDF: 1936872.9/4

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

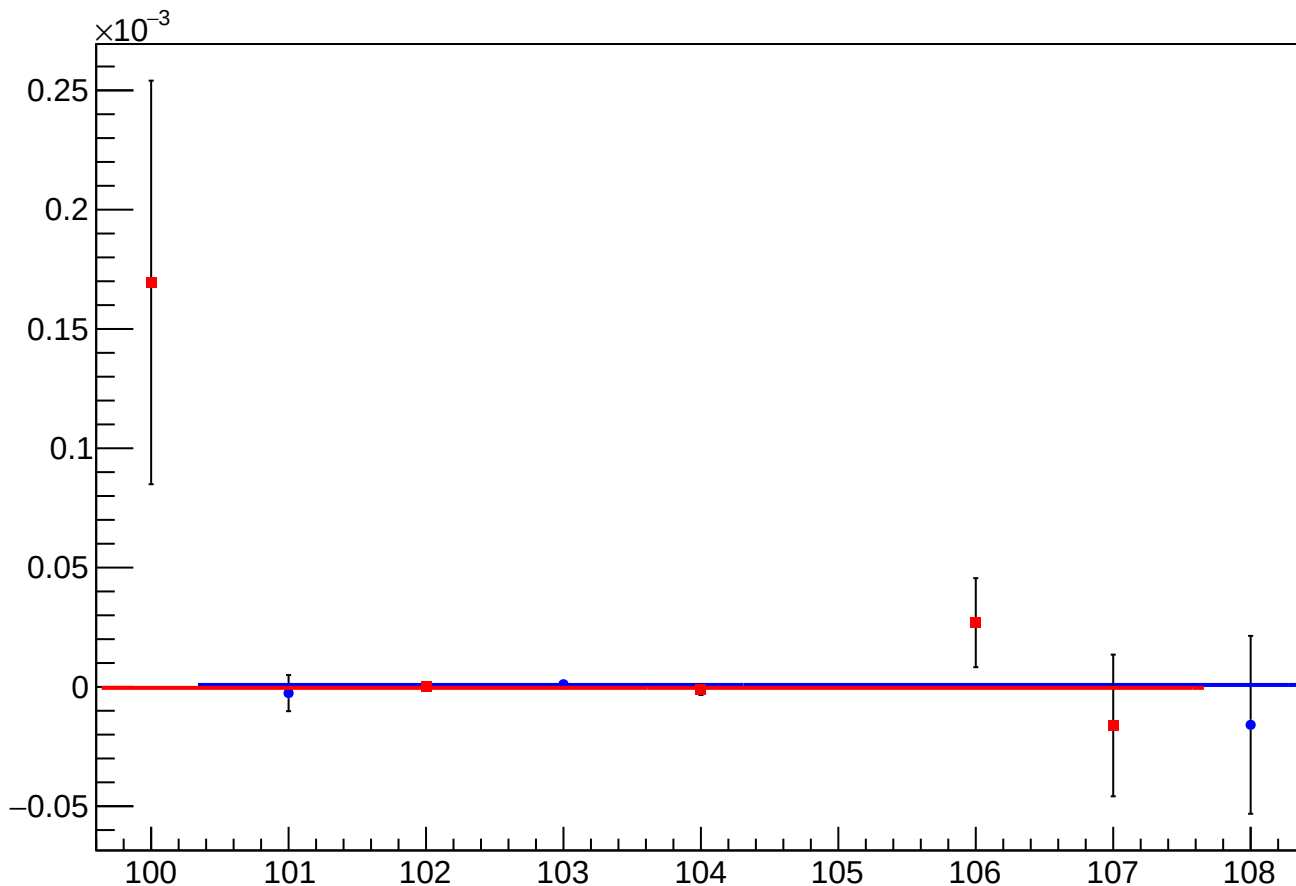
Right: 48.122 $\pm$ 0.029 χ^2 /NDF: 3226313.8/7

In: 50.726 $\pm$ 0.038 χ^2 /NDF:1278689.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 48.122 $\pm$ 0.029 χ^2 /NDF: 3226313.8/7

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 : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

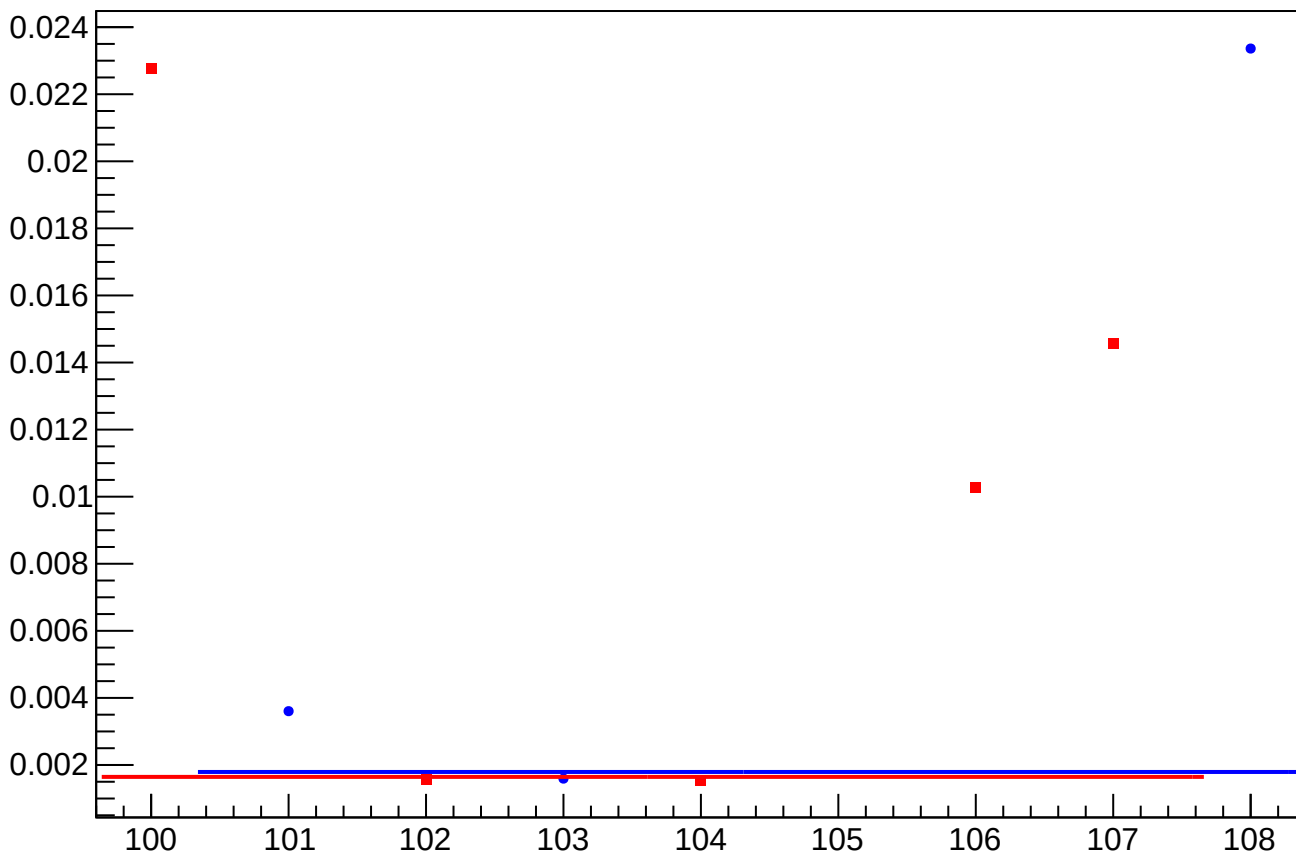
Right: 0.000+/-0.000 χ^2/NDF : 7.4/7

In: 0.000+/-0.000 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.4/7

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 : 802886.0/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 939591.5/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

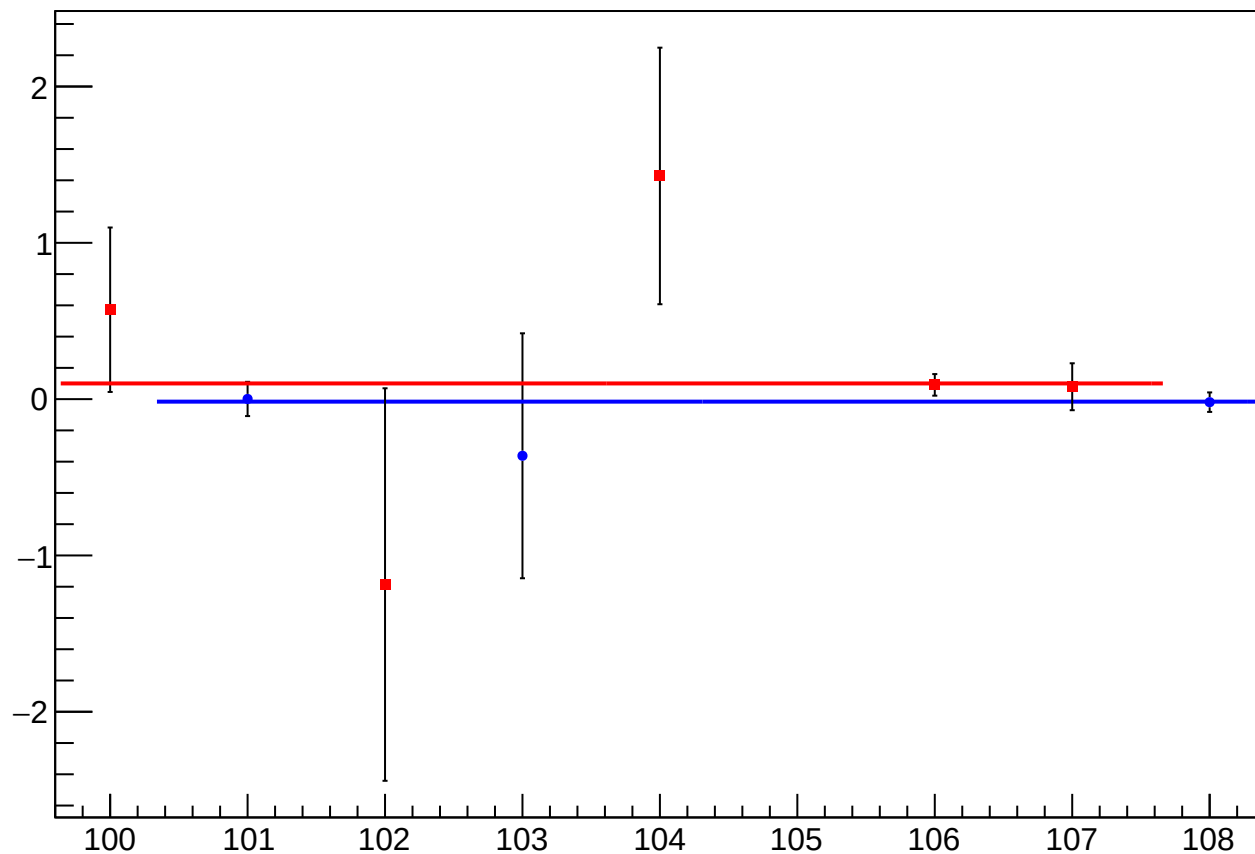
Right: 0.002+/-0.000 χ^2/NDF : 1749713.9/7

In: 0.002+/-0.000 χ^2/NDF :802886.0/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1749713.9/7

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 ± 0.054 χ^2/NDF : 0.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.100 ± 0.062 χ^2/NDF : 4.5/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

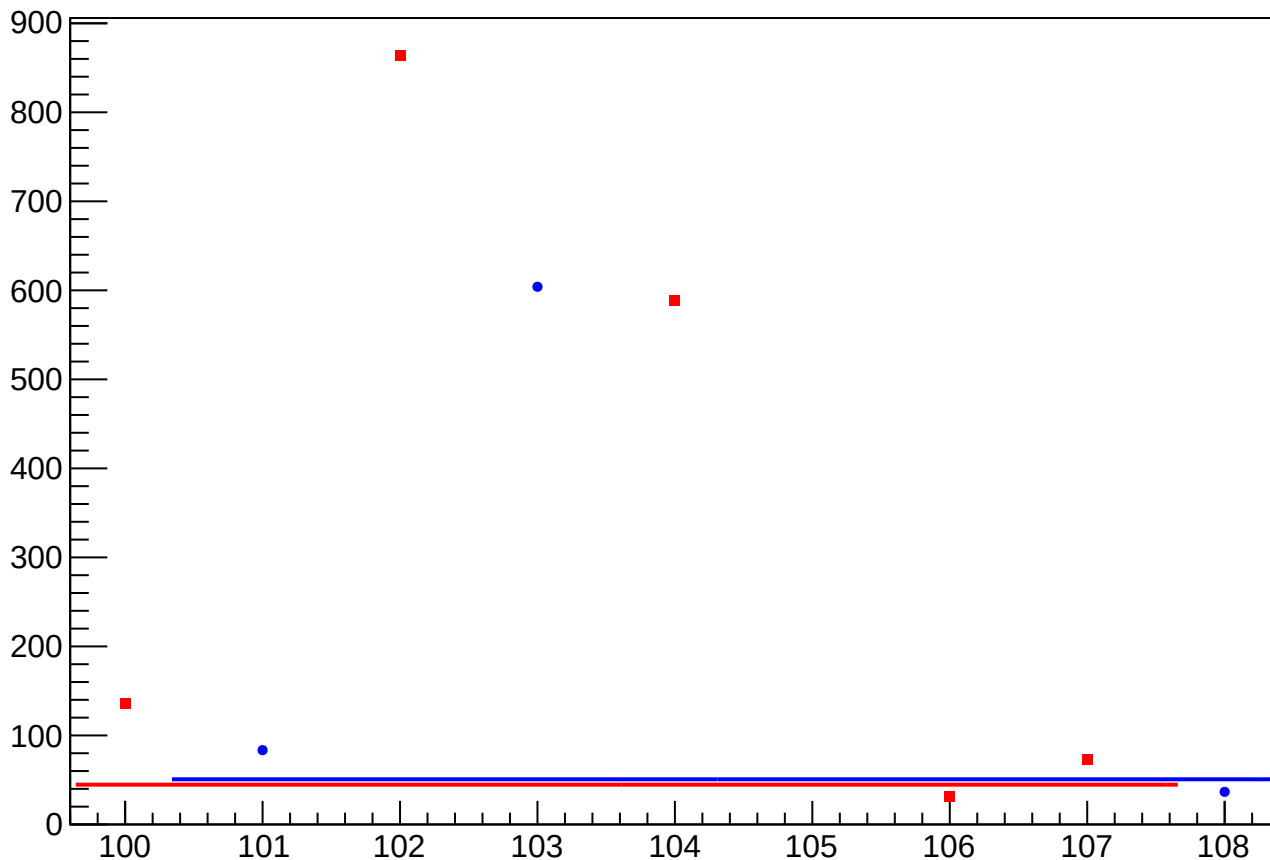
Right: 0.034 ± 0.041 χ^2/NDF : 6.7/7

In: -0.016 ± 0.054 χ^2/NDF : 0.2/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.034 ± 0.041 χ^2/NDF : 6.7/7

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.745+/-0.038 χ^2/NDF : 1278447.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.699+/-0.044 χ^2/NDF : 1936764.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

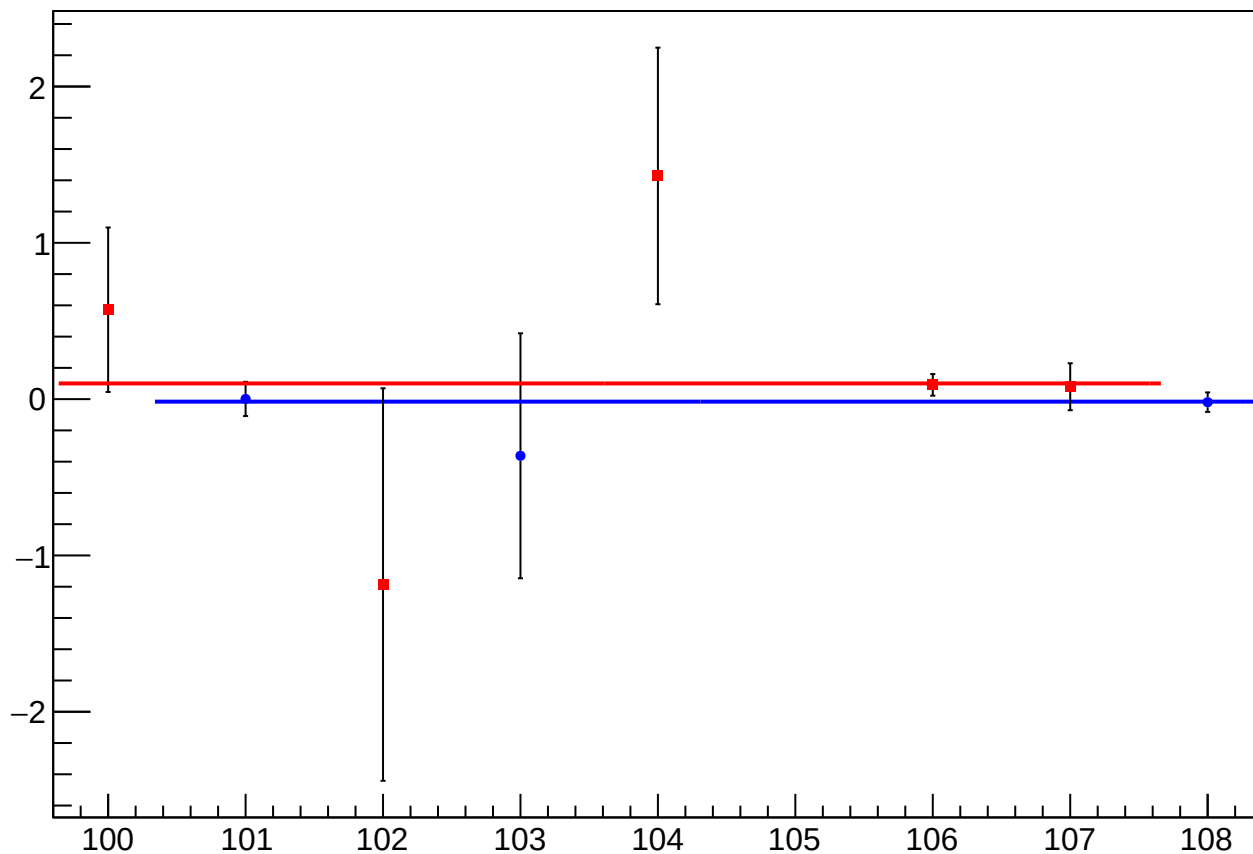
Right: 48.134+/-0.029 χ^2/NDF : 3226007.9/7

In: 50.745+/-0.038 χ^2/NDF : 1278447.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.134+/-0.029 χ^2/NDF : 3226007.9/7

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 $\pm$ 0.054 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.100 $\pm$ 0.062 χ^2 /NDF: 4.5/4

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

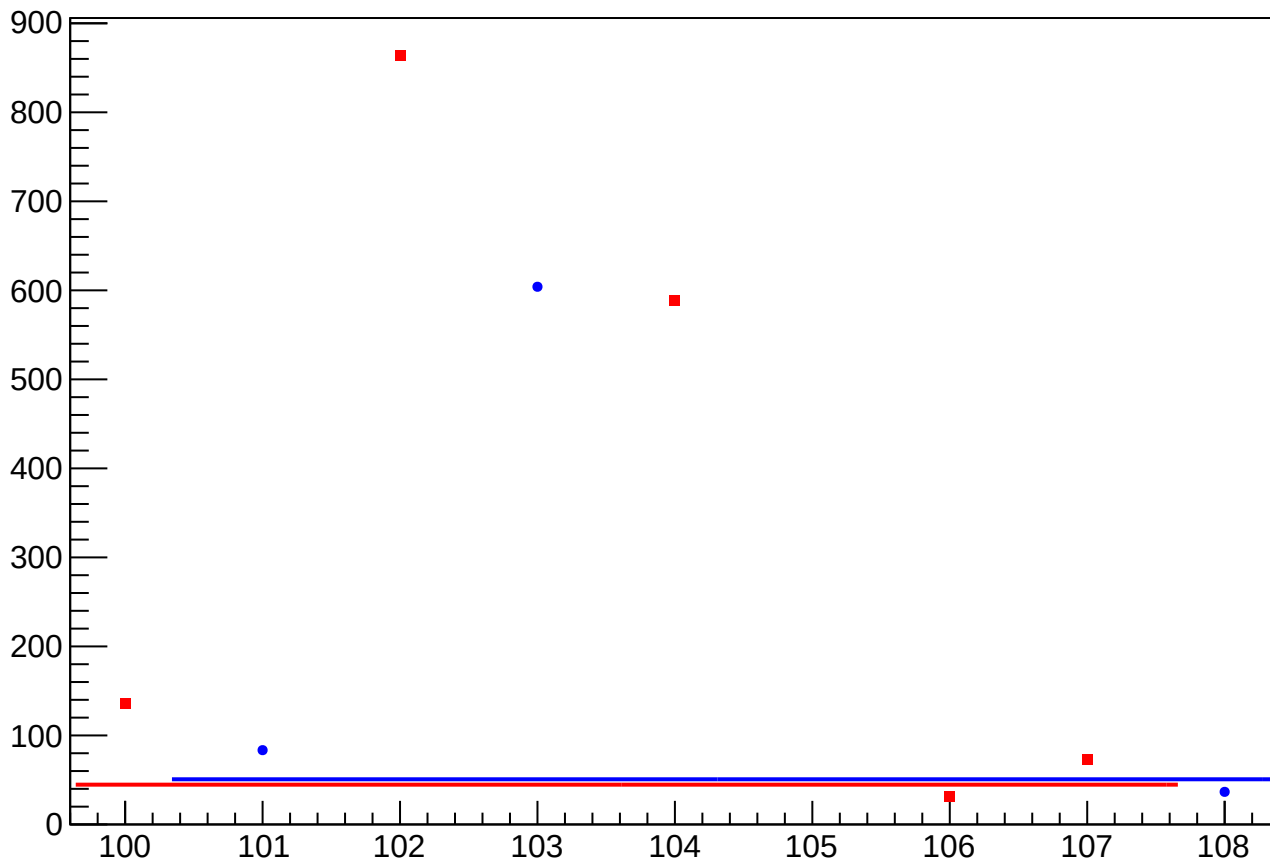
Right: 0.034 $\pm$ 0.041 χ^2 /NDF: 6.7/7

In: -0.016 $\pm$ 0.054 χ^2 /NDF:0.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.034 $\pm$ 0.041 χ^2 /NDF: 6.7/7

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.745+/-0.038 χ^2/NDF : 1278447.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.699+/-0.044 χ^2/NDF : 1936764.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

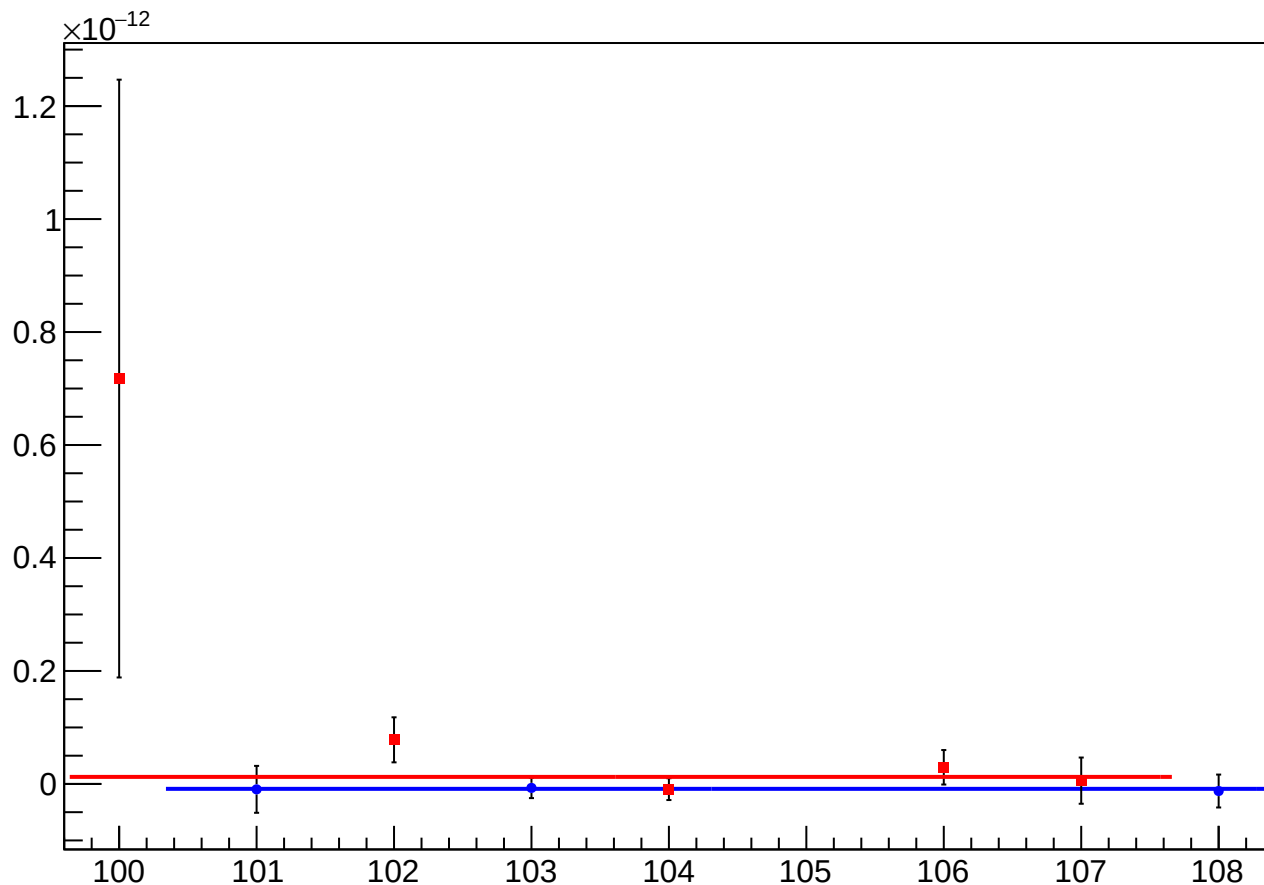
Right: 48.134+/-0.029 χ^2/NDF : 3226007.9/7

In: 50.745+/-0.038 χ^2/NDF : 1278447.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.134+/-0.029 χ^2/NDF : 3226007.9/7

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 : 0.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

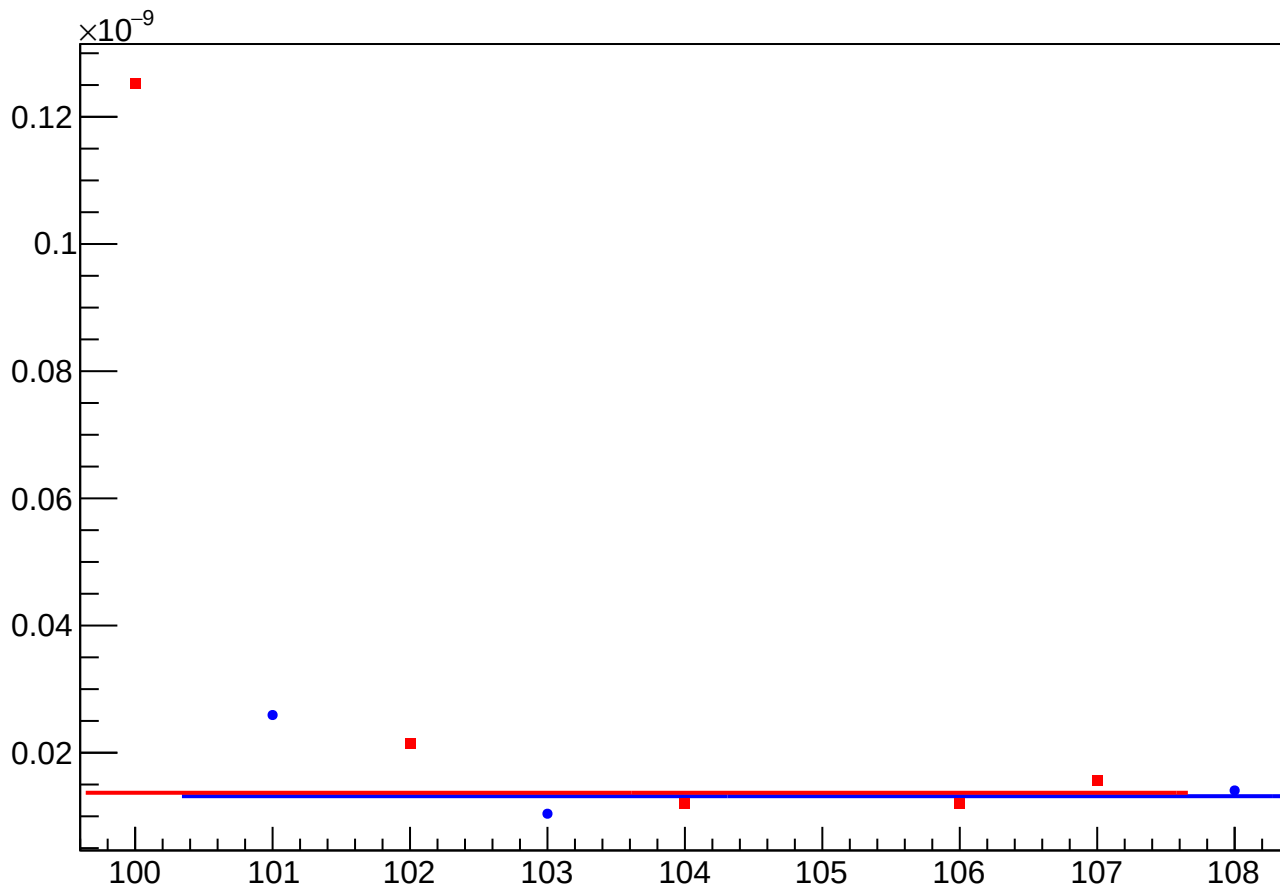
Right: 0.000+/-0.000 χ^2/NDF : 7.2/7

In: -0.000+/-0.000 χ^2/NDF : 0.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.2/7

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 : 237550.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 191314.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

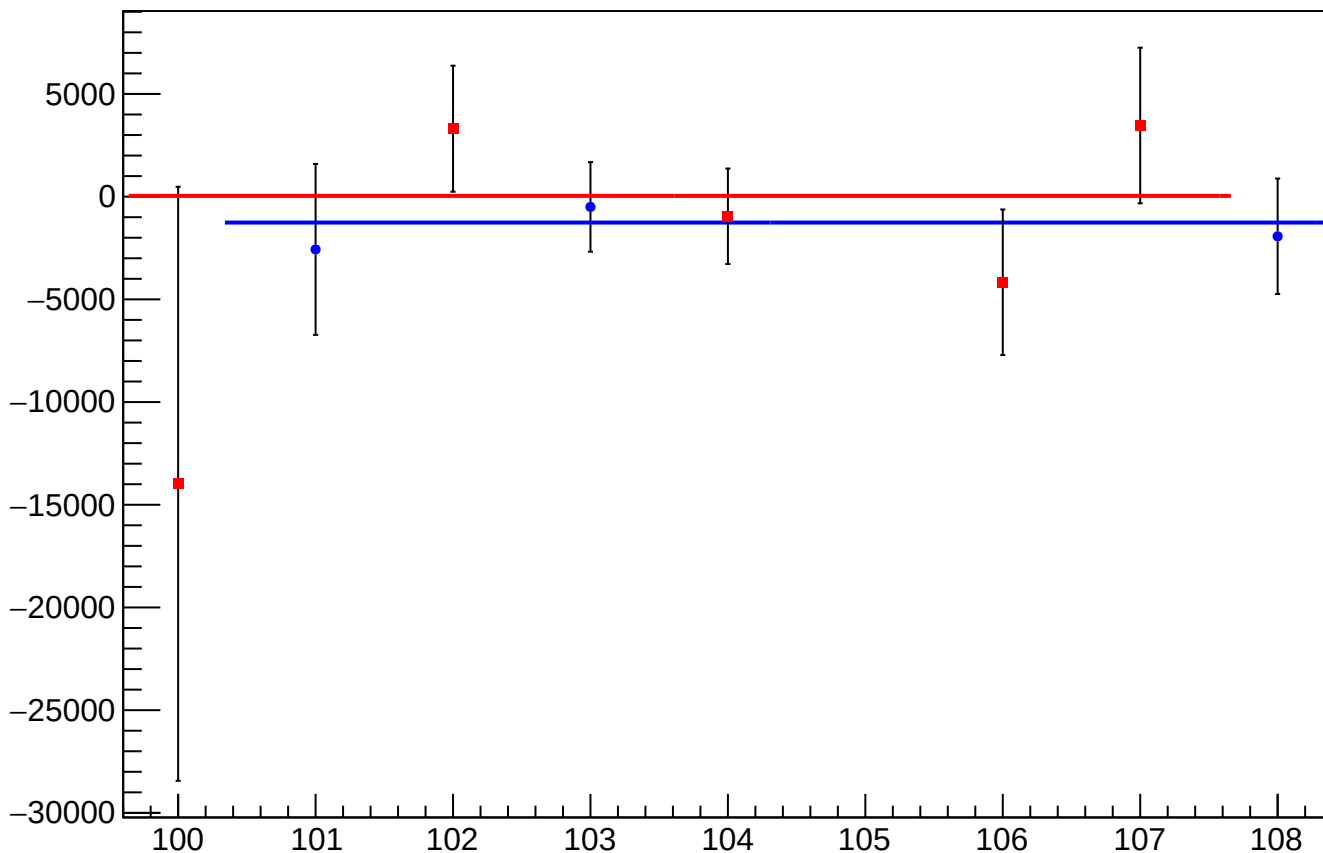
Right: 0.000+/-0.000 χ^2/NDF : 430289.8/7

In: 0.000+/-0.000 χ^2/NDF : 237550.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 430289.8/7

reg_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1261.263+/-1591.804 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.179+/-1498.568 χ^2/NDF : 4.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

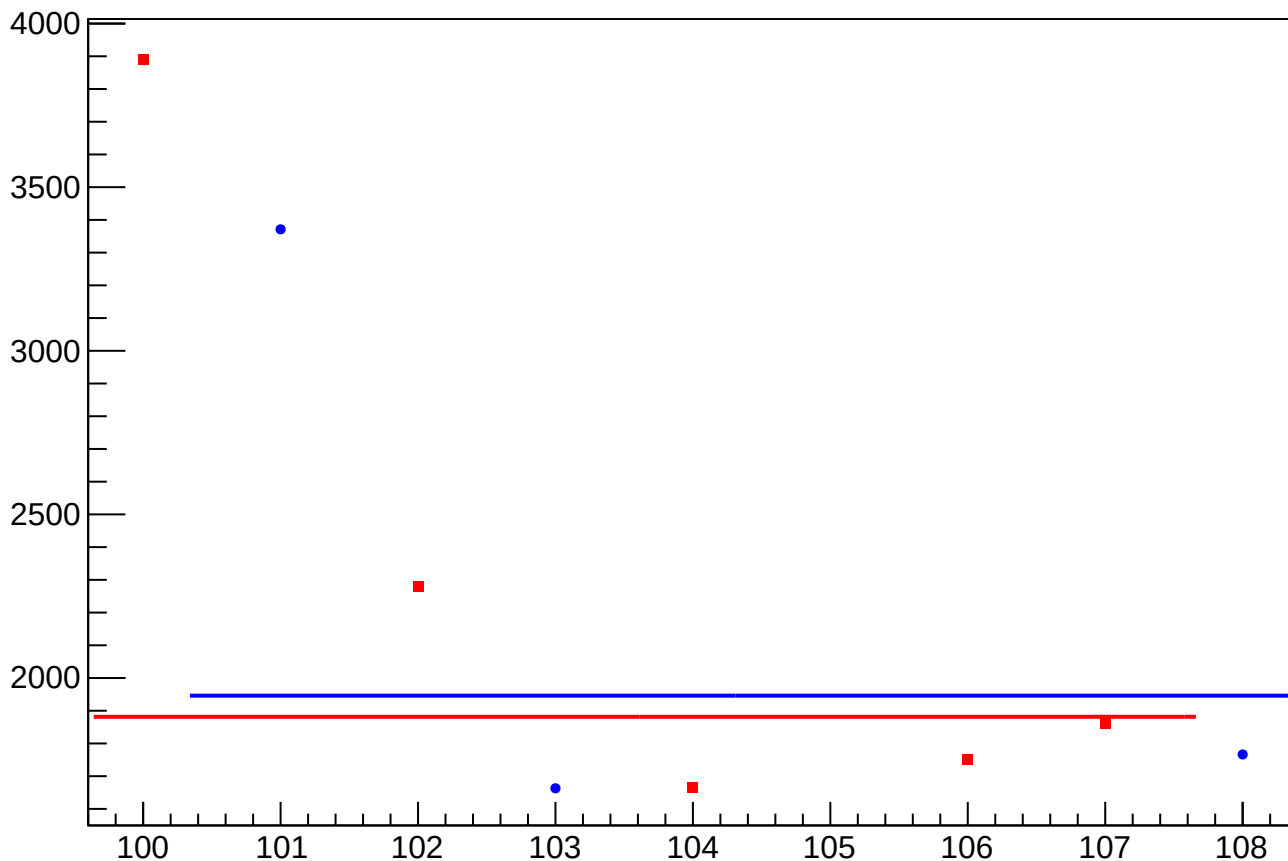
Right: -572.374+/-1091.121 χ^2/NDF : 5.1/7

In: -1261.263+/-1591.804 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -572.374+/-1091.121 χ^2/NDF : 5.1/7

reg_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1946.050+/-1.126 χ^2/NDF : 276375.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1881.525+/-1.060 χ^2/NDF : 92443.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

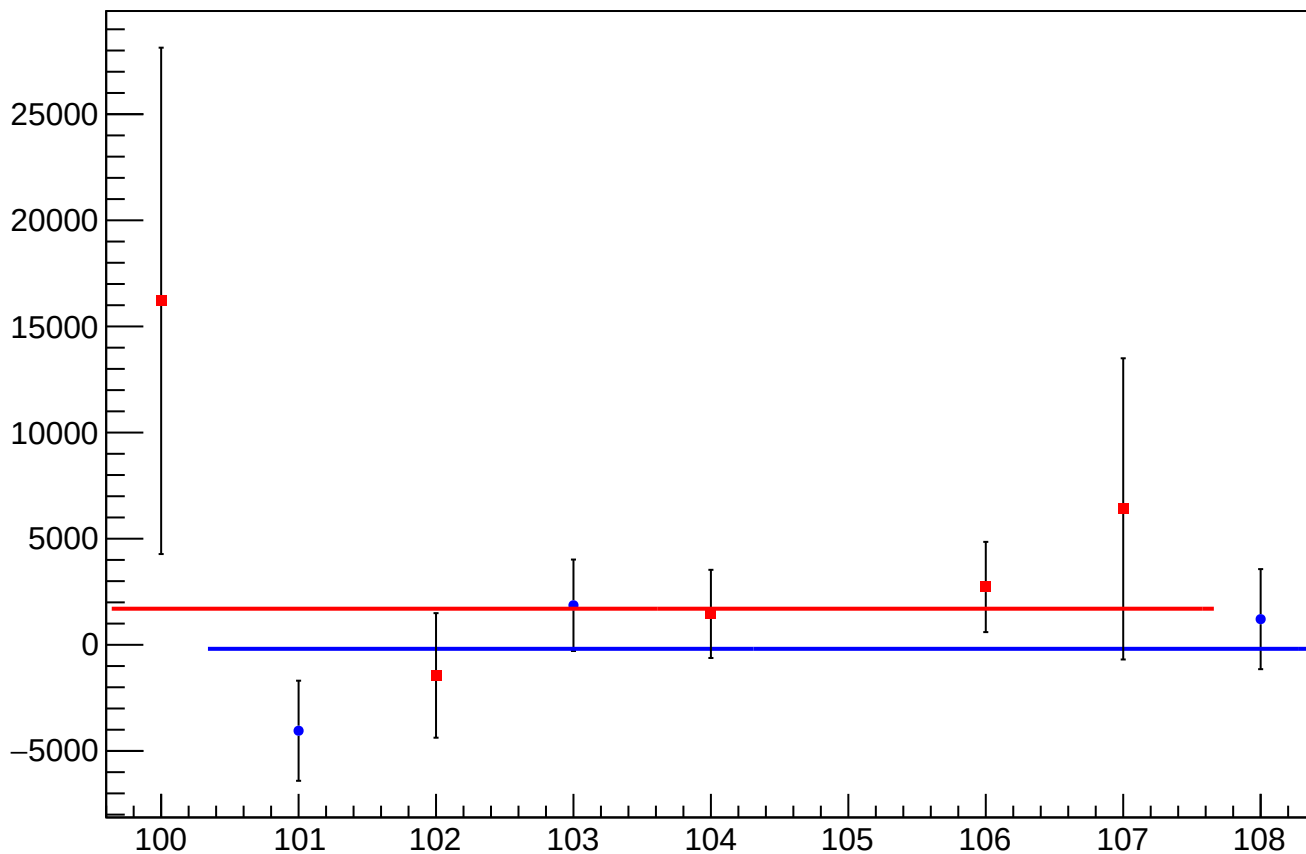
Right: 1911.842+/-0.772 χ^2/NDF : 370561.1/7

In: 1946.050+/-1.126 χ^2/NDF : 276375.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1911.842+/-0.772 χ^2/NDF : 370561.1/7

asym_us_dd_atlr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -188.656+/-1318.336 χ^2/NDF : 3.9/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1701.338+/-1295.113 χ^2/NDF : 3.3/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

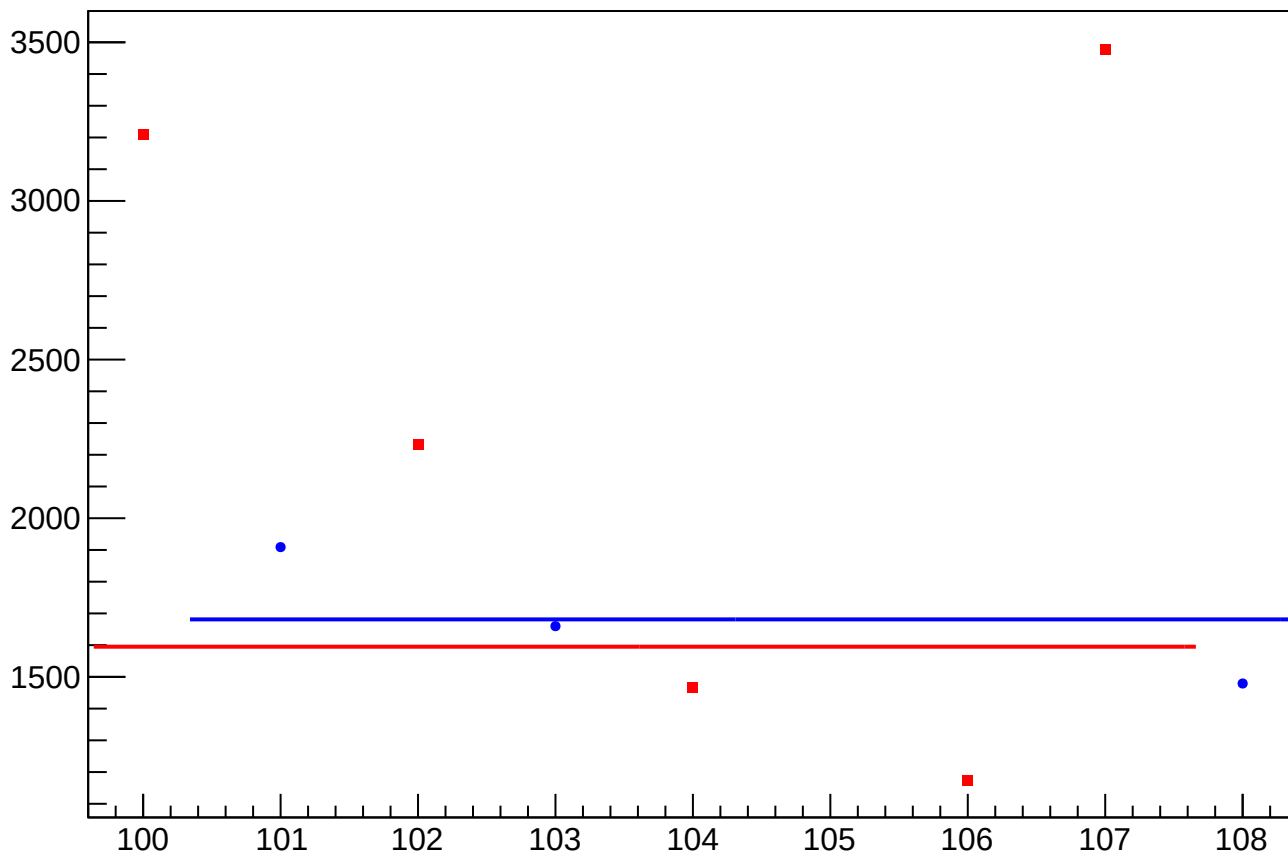
Right: 773.134+/-923.884 χ^2/NDF : 8.3/7

In: -188.656+/-1318.336 χ^2/NDF :3.9/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 773.134+/-923.884 χ^2/NDF : 8.3/7

asym_us_dd_atlr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1681.156+/-0.932 χ^2/NDF : 33552.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1595.106+/-0.916 χ^2/NDF : 357925.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

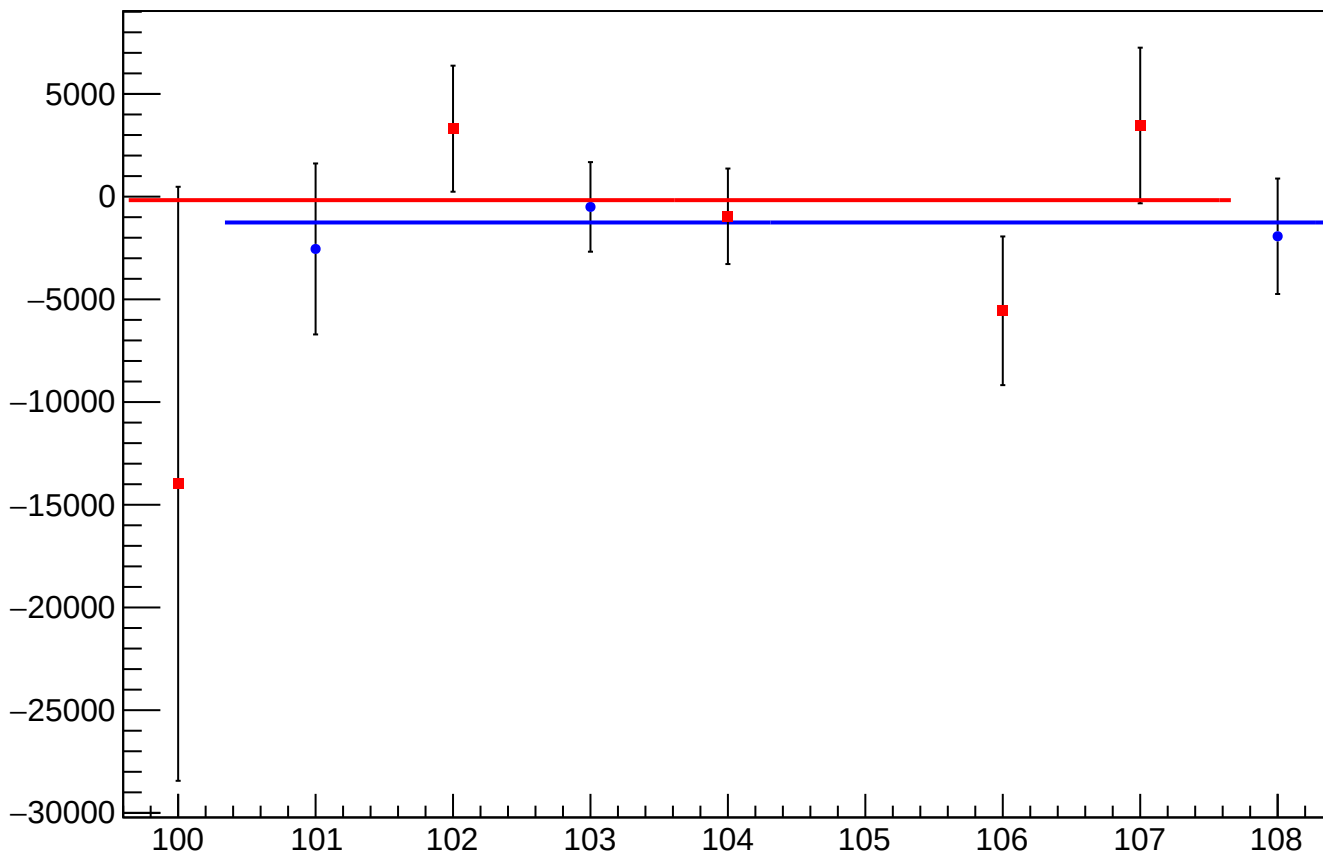
Right: 1637.367+/-0.653 χ^2/NDF : 395813.8/7

In: 1681.156+/-0.932 χ^2/NDF : 33552.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1637.367+/-0.653 χ^2/NDF : 395813.8/7

cor_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1257.764 $\pm$ 1591.807 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -170.714 $\pm$ 1504.067 χ^2 /NDF: 5.4/4

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

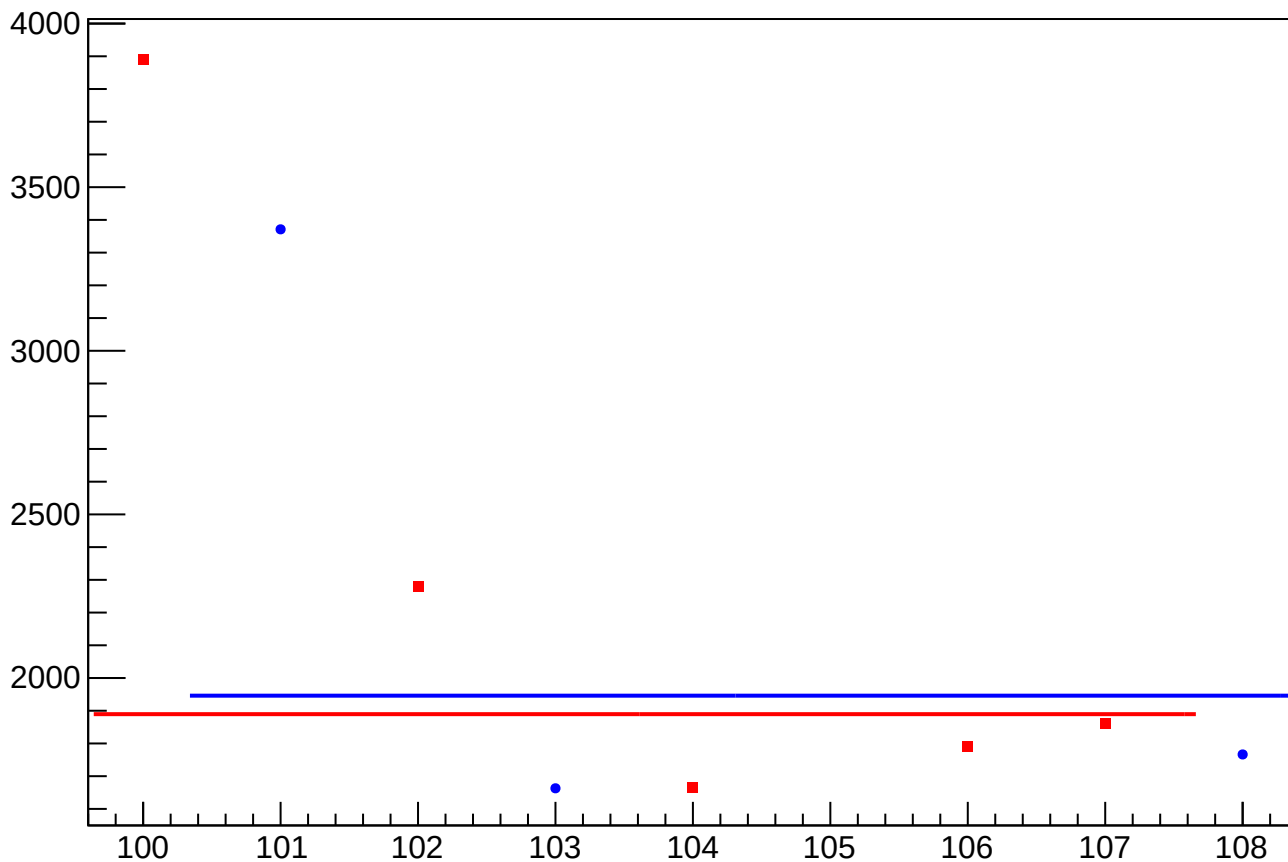
Right: -683.456 $\pm$ 1093.238 χ^2 /NDF: 6.0/7

In: -1257.764 $\pm$ 1591.807 χ^2 /NDF: 0.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -683.456 $\pm$ 1093.238 χ^2 /NDF: 6.0/7

cor_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1946.050+/-1.126 χ^2/NDF : 276377.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1889.548+/-1.064 χ^2/NDF : 90895.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

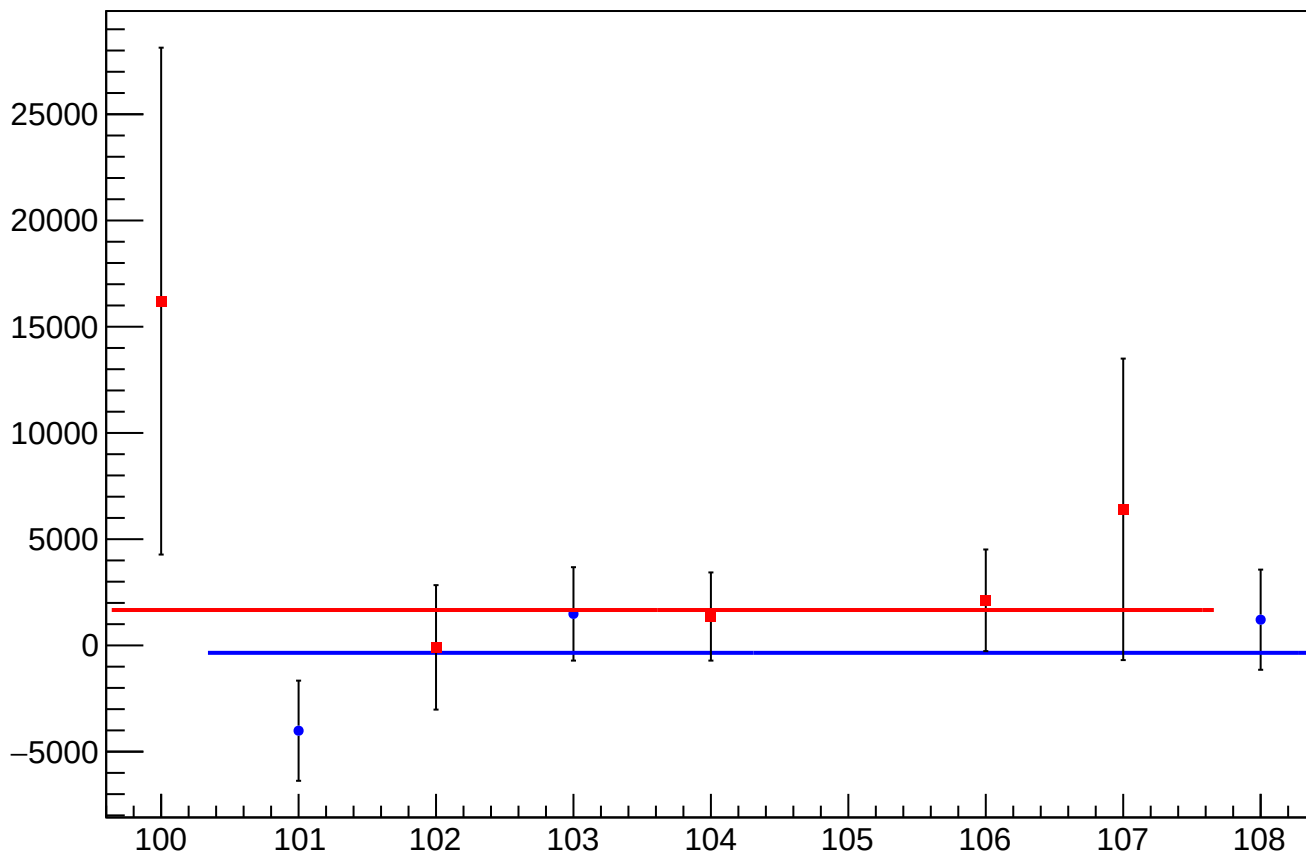
Right: 1916.198+/-0.773 χ^2/NDF : 368604.8/7

In: 1946.050+/-1.126 χ^2/NDF : 276377.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1916.198+/-0.773 χ^2/NDF : 368604.8/7

asym_us_dd_atlr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -349.032 $\pm$ 1328.169 χ^2 /NDF: 3.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1666.572 $\pm$ 1347.778 χ^2 /NDF: 2.4/4

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

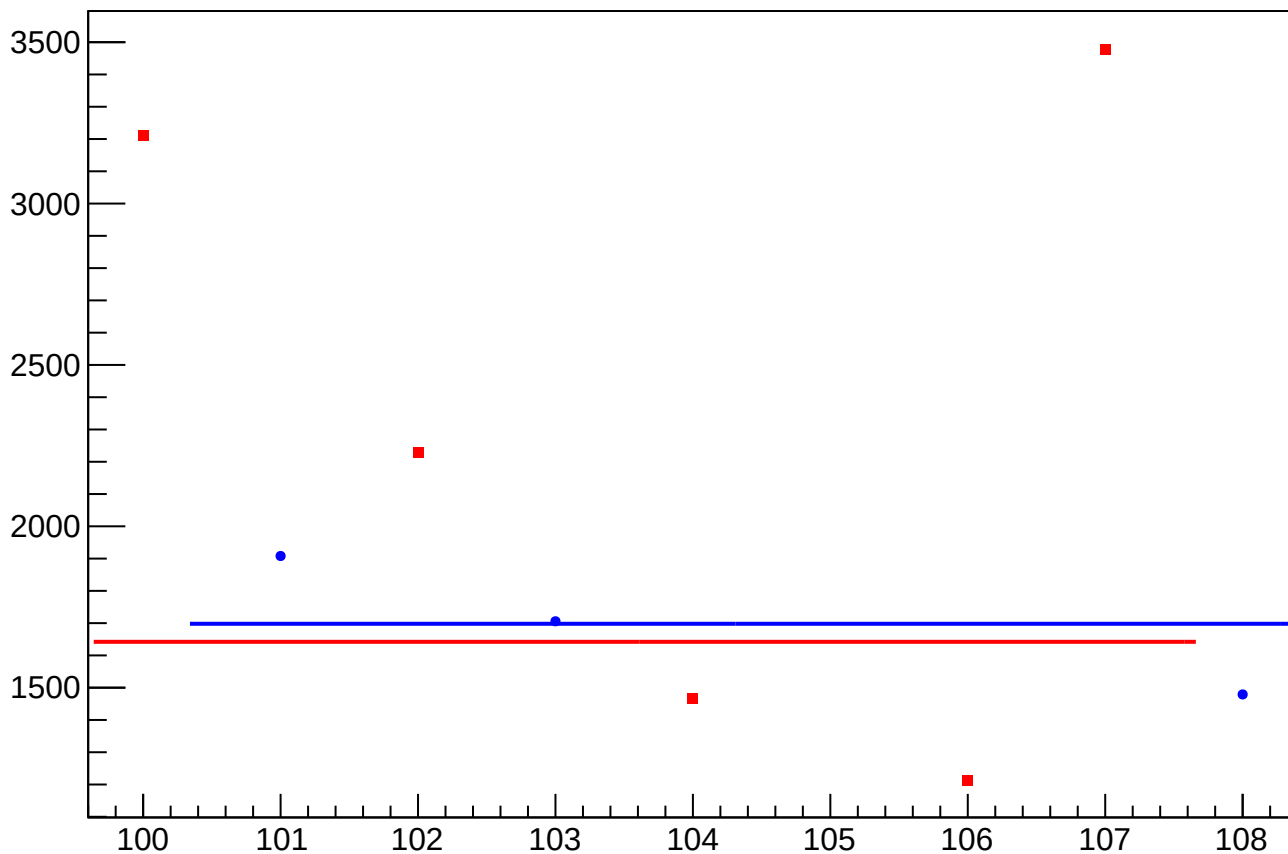
Right: 644.001 $\pm$ 946.014 χ^2 /NDF: 7.0/7

In: -349.032 $\pm$ 1328.169 χ^2 /NDF:3.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 644.001 $\pm$ 946.014 χ^2 /NDF: 7.0/7

asym_us_dd_atlr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1698.012 $\pm$ 0.939 χ^2 /NDF: 33149.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1642.130 $\pm$ 0.953 χ^2 /NDF: 327125.4/4

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

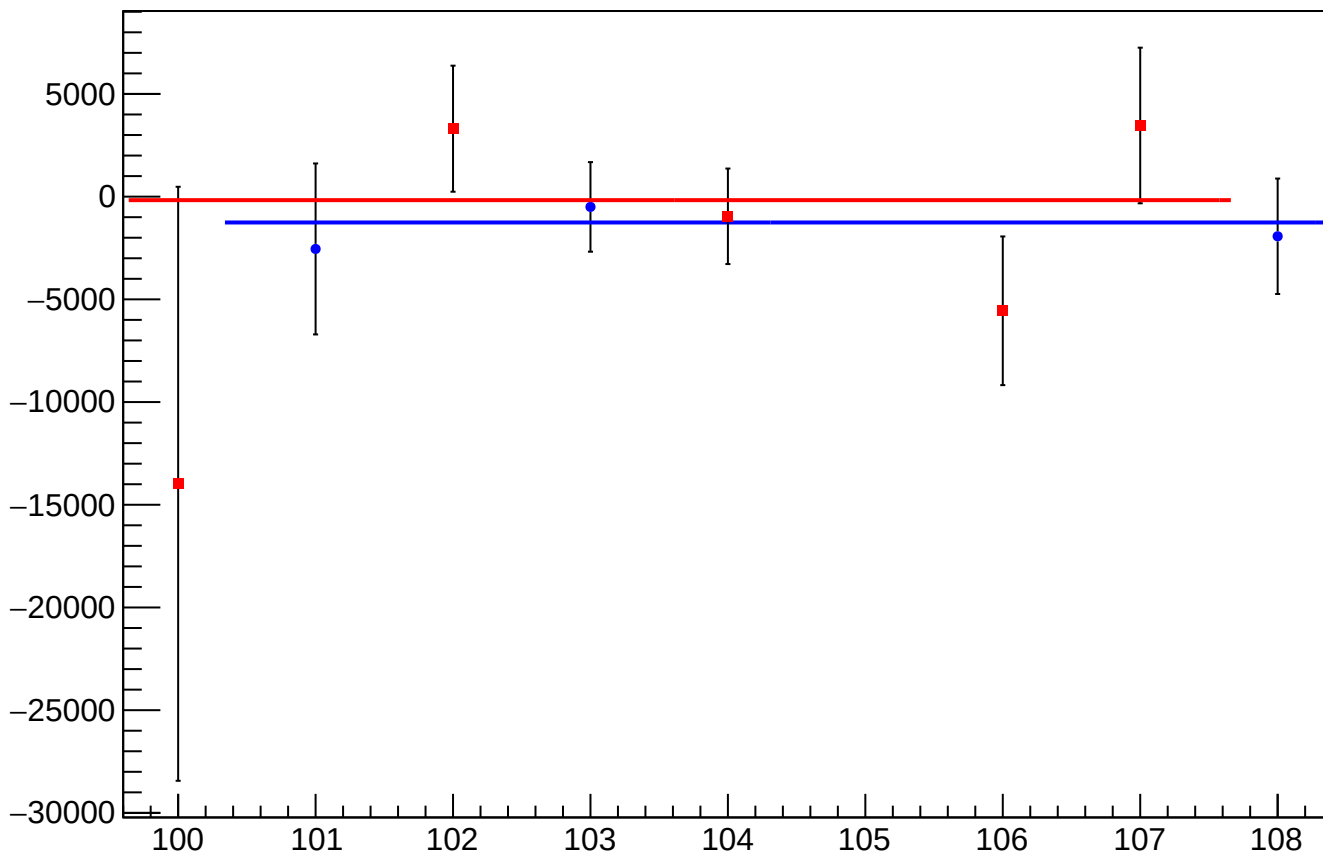
Right: 1670.480 $\pm$ 0.669 χ^2 /NDF: 362019.6/7

In: 1698.012 $\pm$ 0.939 χ^2 /NDF:33149.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1670.480 $\pm$ 0.669 χ^2 /NDF: 362019.6/7

eigen_cor_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1257.764+/-1591.807 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -170.714+/-1504.067 χ^2/NDF : 5.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

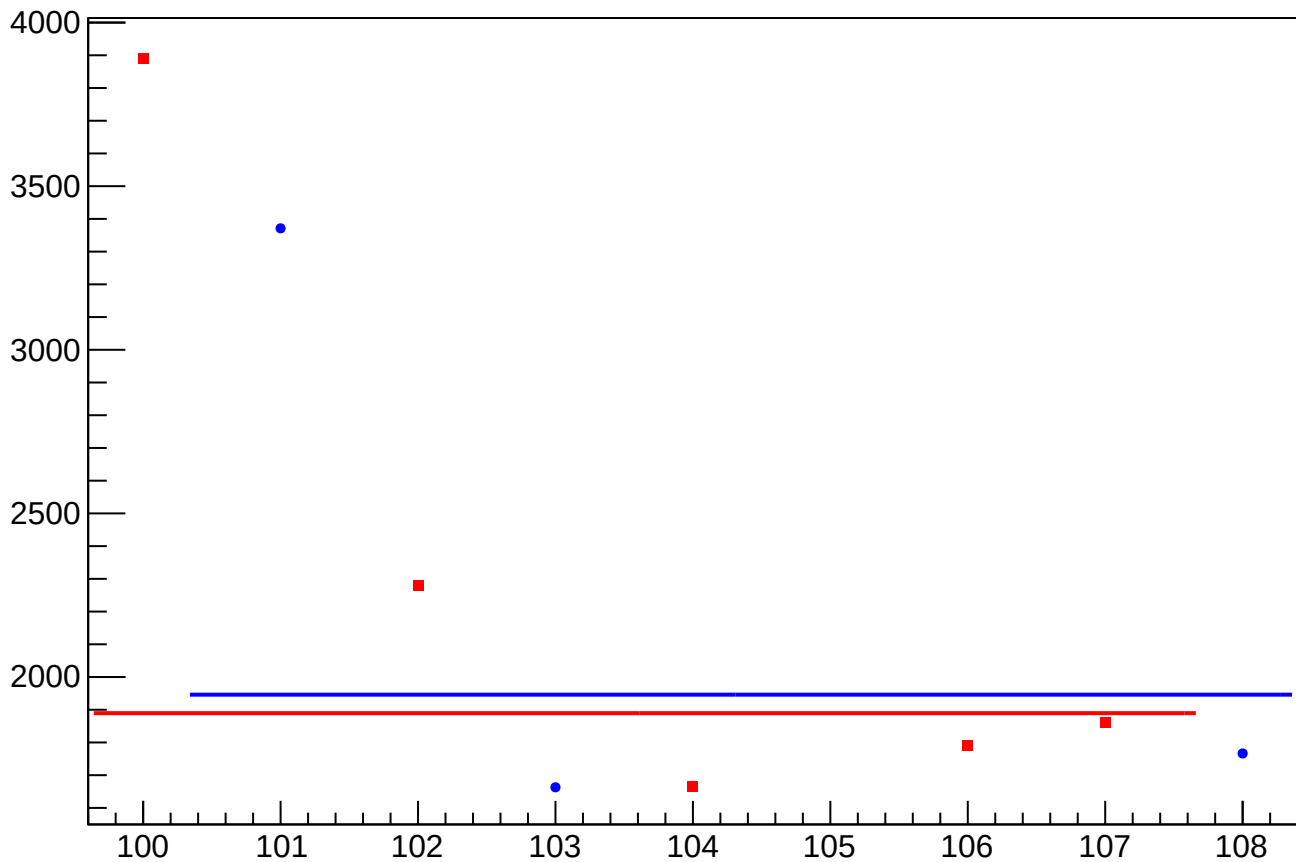
Right: -683.456+/-1093.238 χ^2/NDF : 6.0/7

In: -1257.764+/-1591.807 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -683.456+/-1093.238 χ^2/NDF : 6.0/7

eigen_cor_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1946.050+/-1.126 χ^2/NDF : 276377.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1889.548+/-1.064 χ^2/NDF : 90895.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

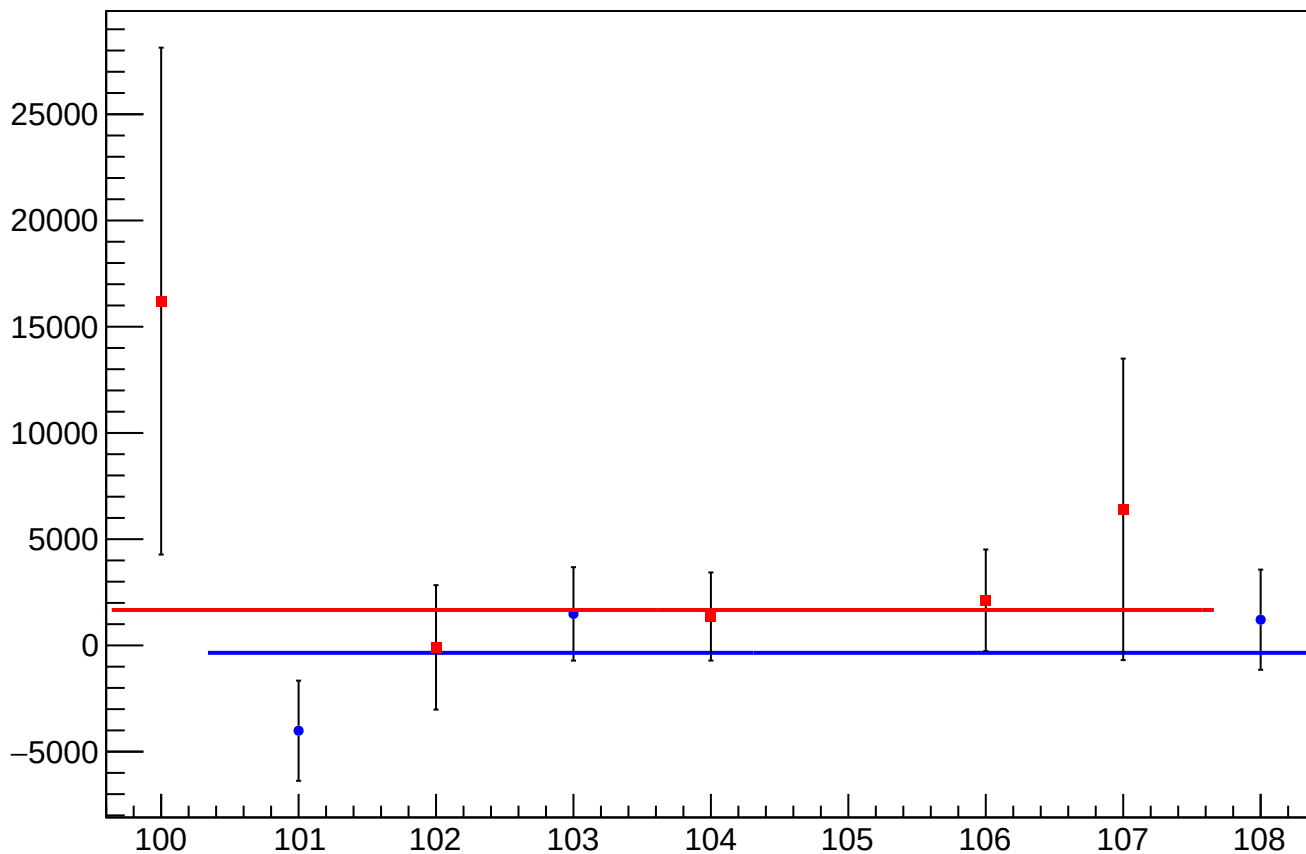
Right: 1916.198+/-0.773 χ^2/NDF : 368604.8/7

In: 1946.050+/-1.126 χ^2/NDF : 276377.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1916.198+/-0.773 χ^2/NDF : 368604.8/7

asym_us_dd_atlr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -349.032+/-1328.169 χ^2/NDF : 3.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1666.572+/-1347.778 χ^2/NDF : 2.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

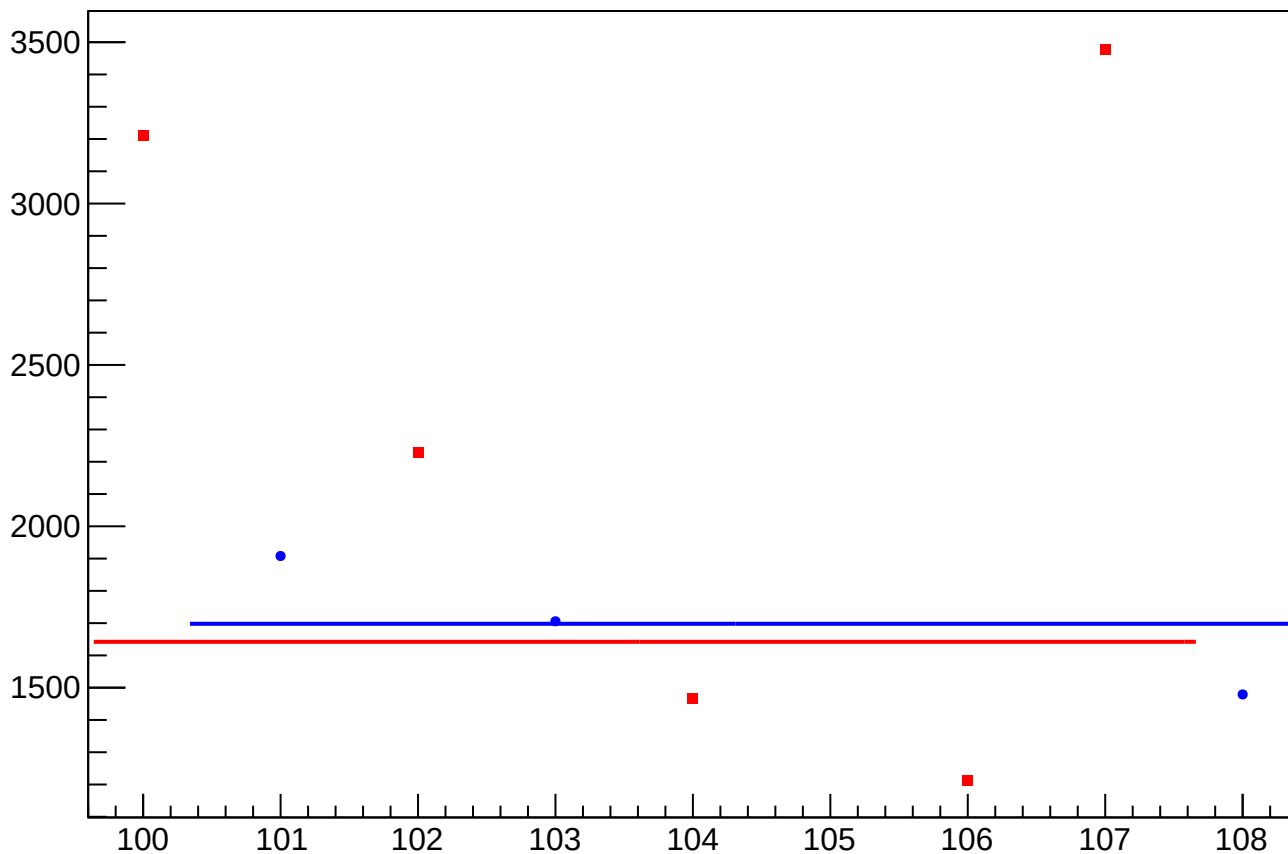
Right: 644.001+/-946.014 χ^2/NDF : 7.0/7

In: -349.032+/-1328.169 χ^2/NDF : 3.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 644.001+/-946.014 χ^2/NDF : 7.0/7

asym_us_dd_atlr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1698.012+/-0.939 χ^2/NDF : 33149.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1642.130+/-0.953 χ^2/NDF : 327125.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

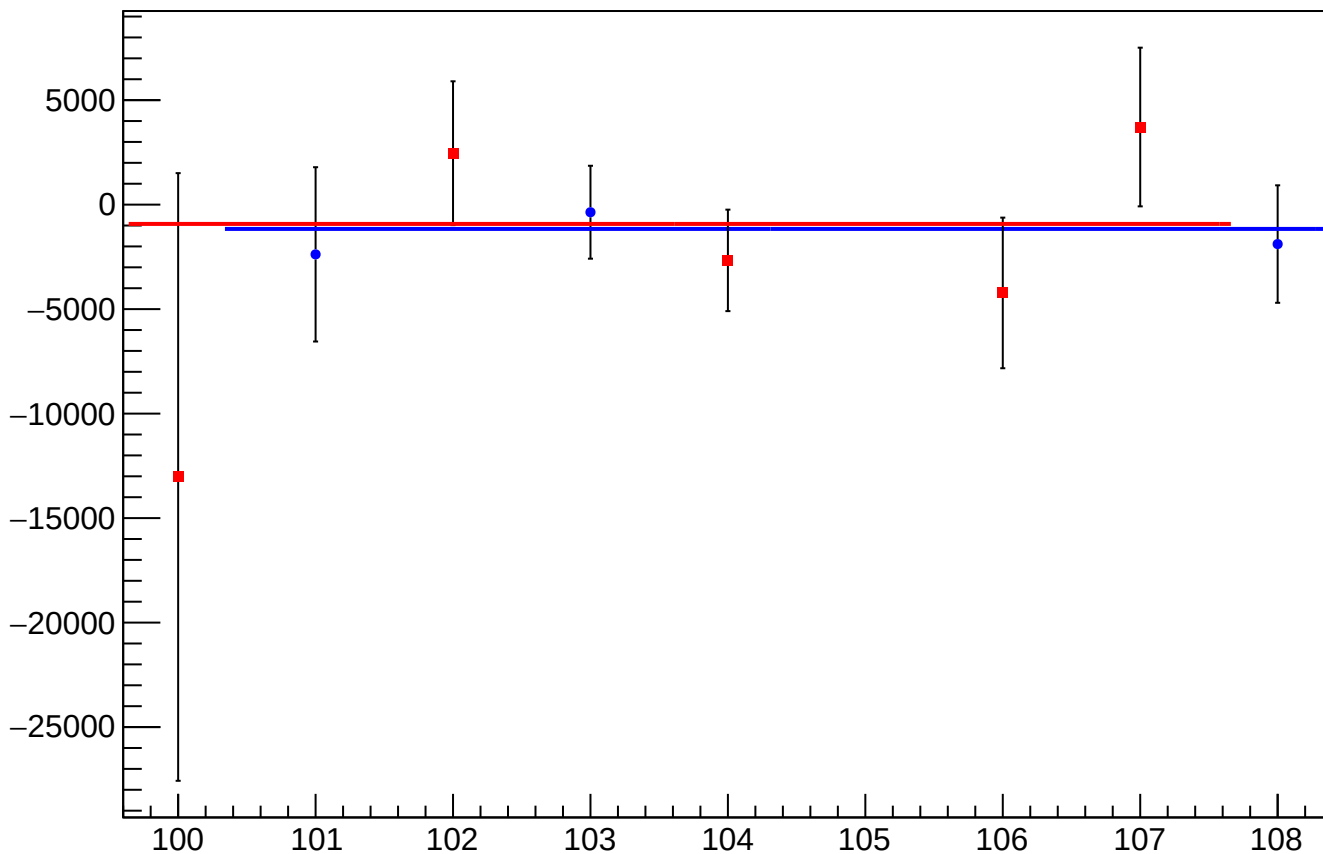
Right: 1670.480+/-0.669 χ^2/NDF : 362019.6/7

In: 1698.012+/-0.939 χ^2/NDF : 33149.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1670.480+/-0.669 χ^2/NDF : 362019.6/7

dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1162.385+/-1608.771 χ^2 /NDF: 0.3/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -923.226+/-1570.835 χ^2 /NDF: 4.5/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

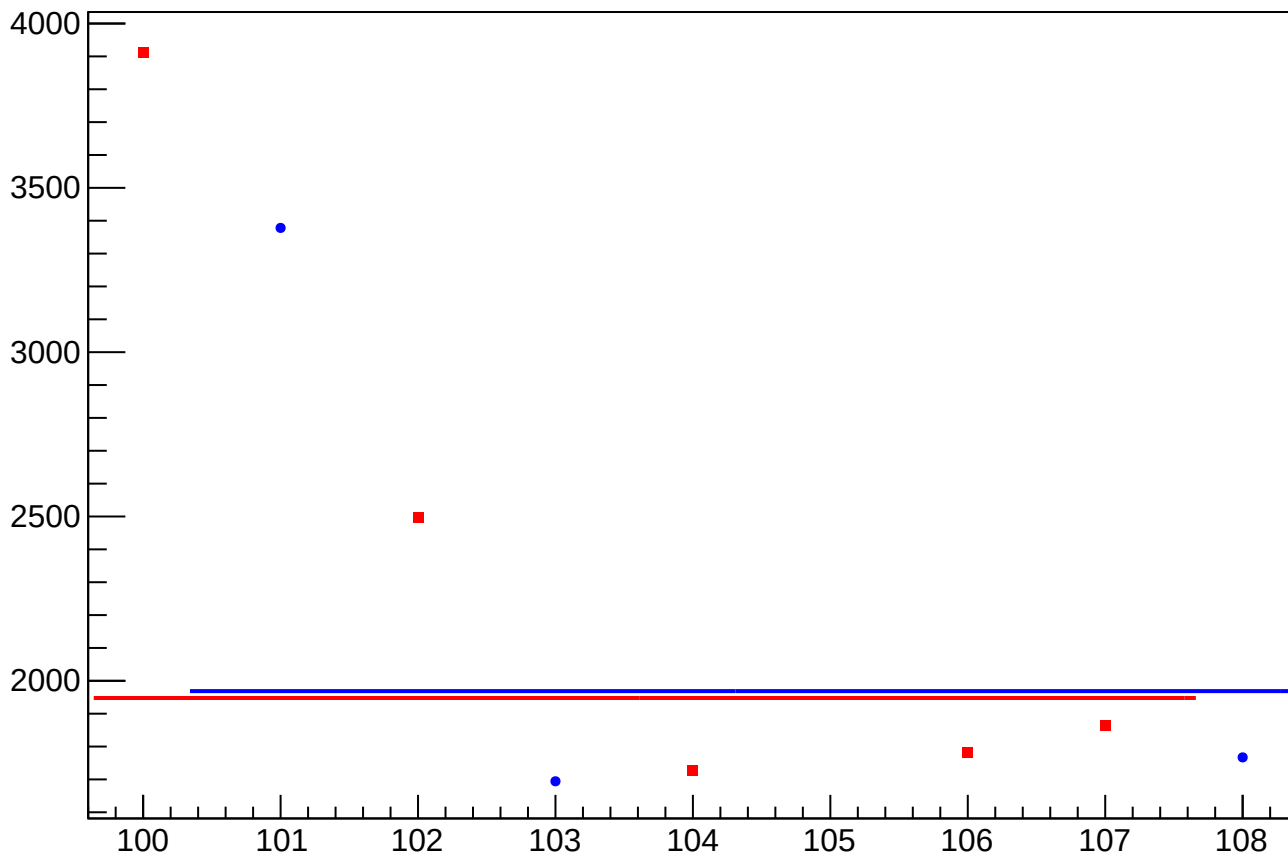
Right: -1039.952+/-1123.920 χ^2 /NDF: 4.8/7

In: -1162.385+/-1608.771 χ^2 /NDF:0.3/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1039.952+/-1123.920 χ^2 /NDF: 4.8/7

dit_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1968.682 $\pm$ 1.138 χ^2 /NDF: 269180.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1947.752 $\pm$ 1.111 χ^2 /NDF: 109100.8/4

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

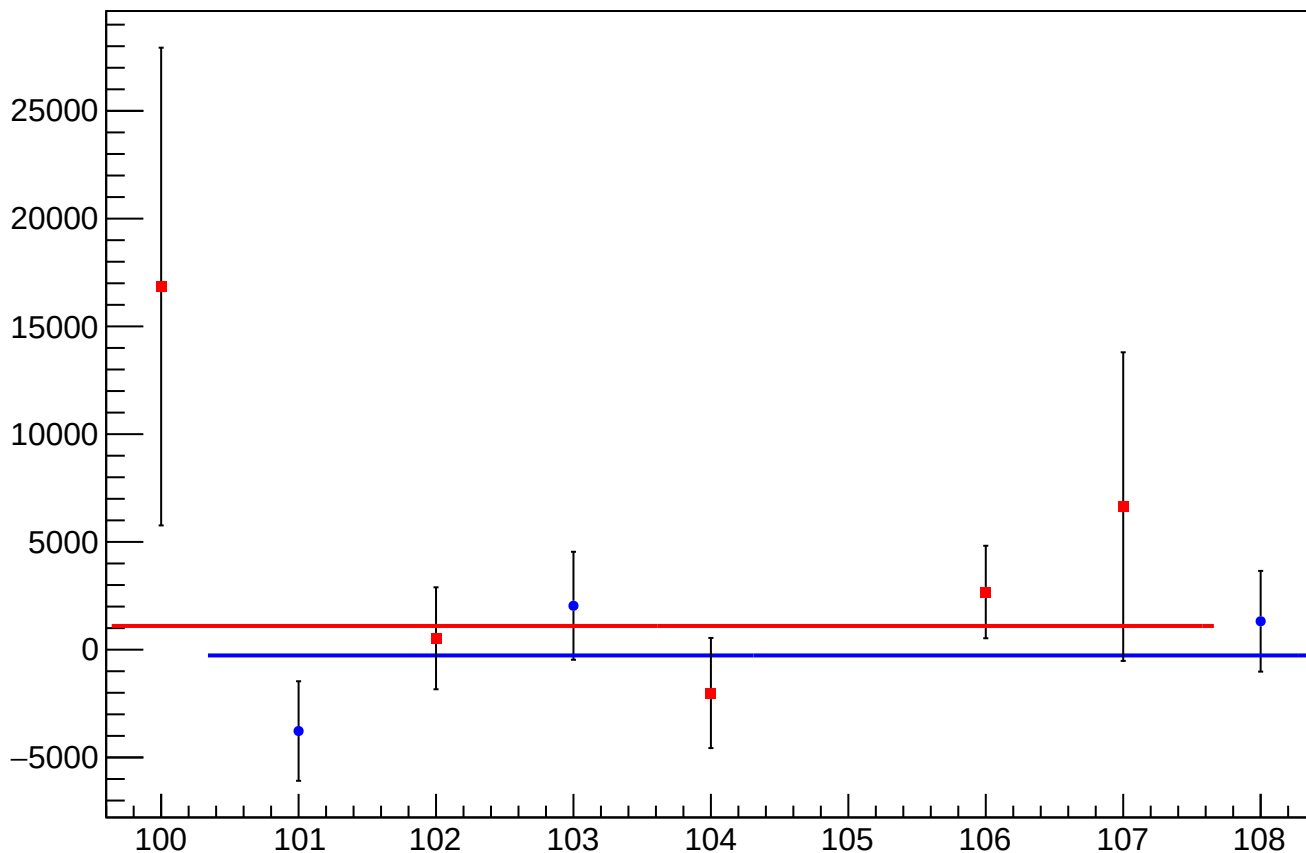
Right: 1957.967 $\pm$ 0.795 χ^2 /NDF: 378454.3/7

In: 1968.682 $\pm$ 1.138 χ^2 /NDF: 269180.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1957.967 $\pm$ 0.795 χ^2 /NDF: 378454.3/7

asym_us_dd_atlr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -267.109+/-1373.674 χ^2/NDF : 3.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1100.105+/-1316.677 χ^2/NDF : 4.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

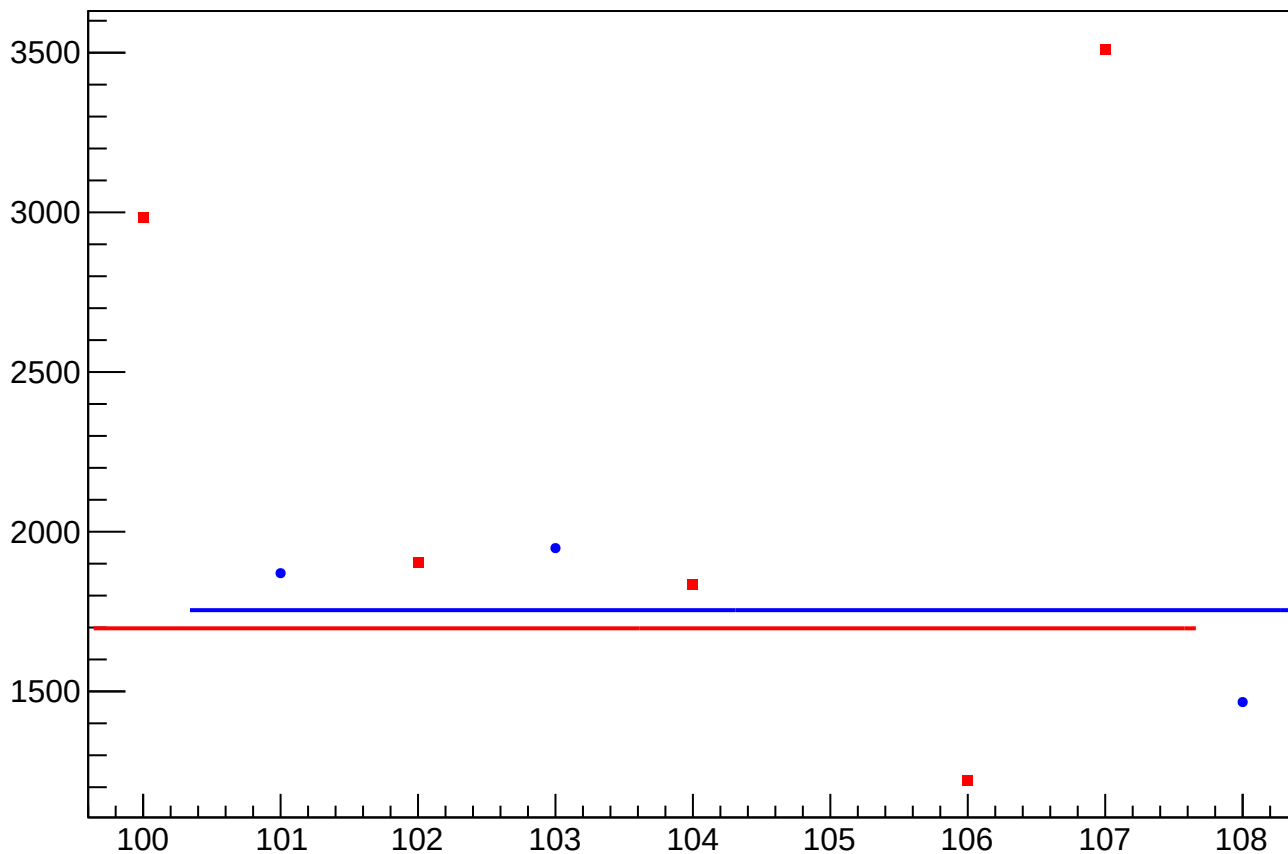
Right: 445.450+/-950.542 χ^2/NDF : 8.8/7

In: -267.109+/-1373.674 χ^2/NDF : 3.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 445.450+/-950.542 χ^2/NDF : 8.8/7

asym_us_dd_atlr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1754.359+/-0.971 χ^2/NDF : 47403.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1697.509+/-0.931 χ^2/NDF : 274386.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

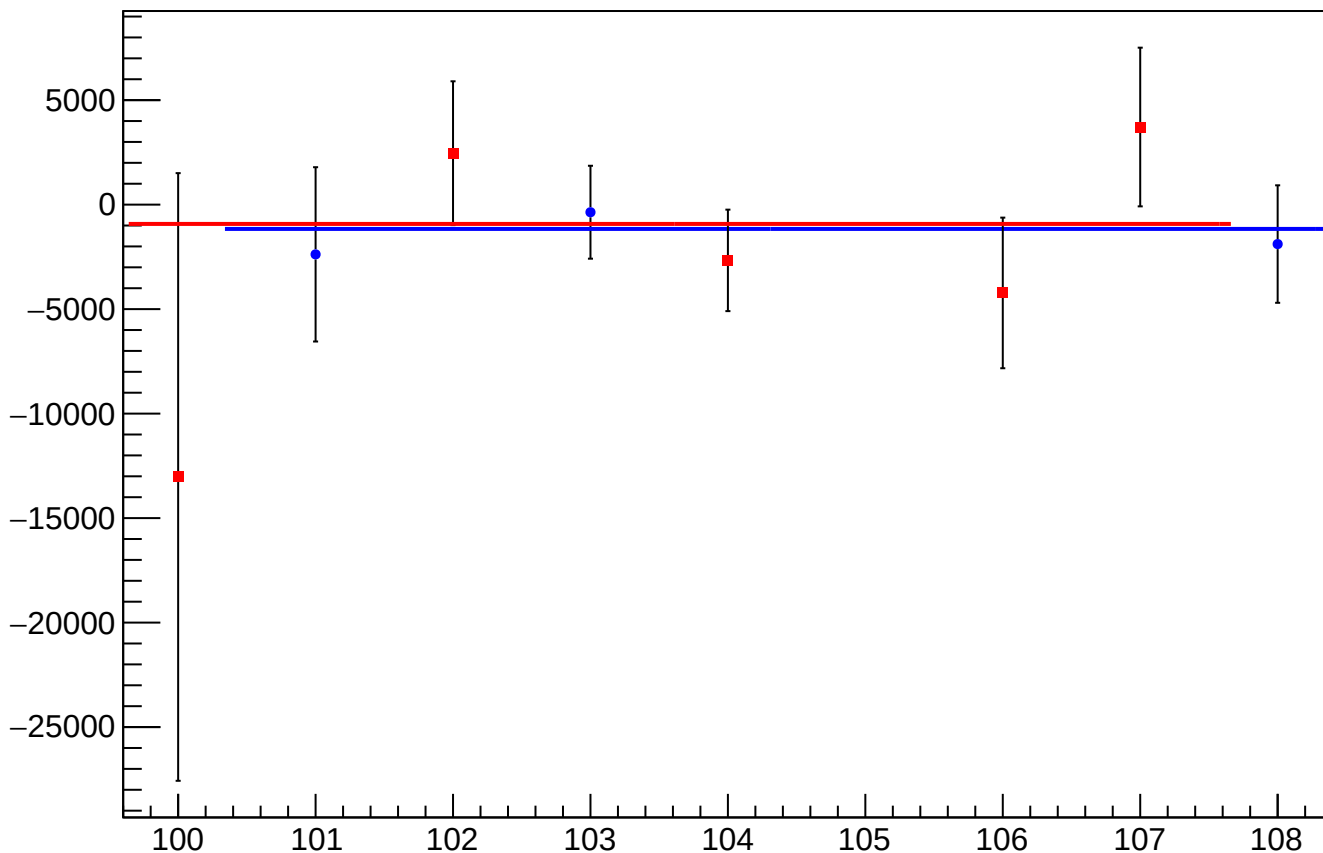
Right: 1724.730+/-0.672 χ^2/NDF : 323575.2/7

In: 1754.359+/-0.971 χ^2/NDF : 47403.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1724.730+/-0.672 χ^2/NDF : 323575.2/7

eigen_dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1162.378+/-1608.771 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -923.229+/-1570.835 χ^2/NDF : 4.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

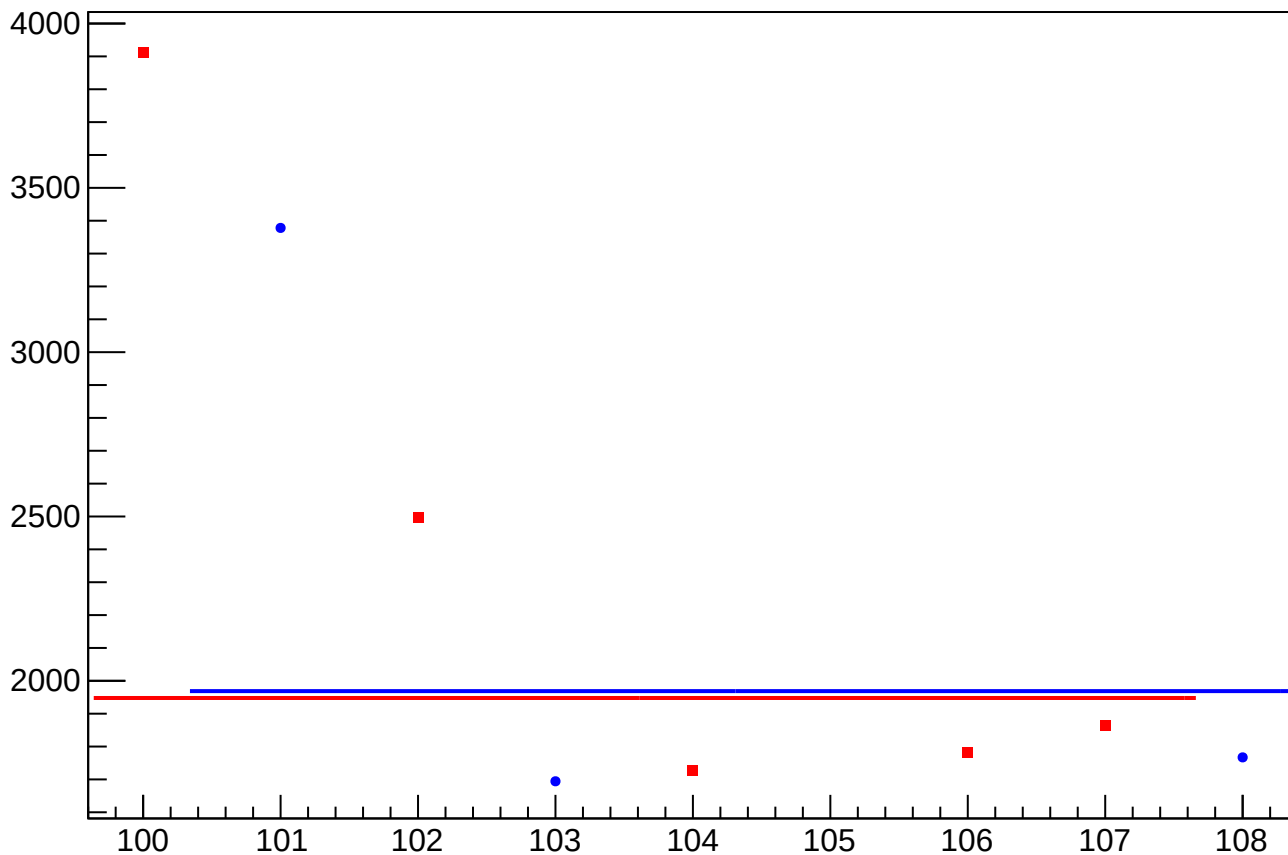
Right: -1039.951+/-1123.921 χ^2/NDF : 4.8/7

In: -1162.378+/-1608.771 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1039.951+/-1123.921 χ^2/NDF : 4.8/7

eigen_dit_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1968.682+/-1.138 χ^2/NDF : 269180.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1947.752+/-1.111 χ^2/NDF : 109100.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

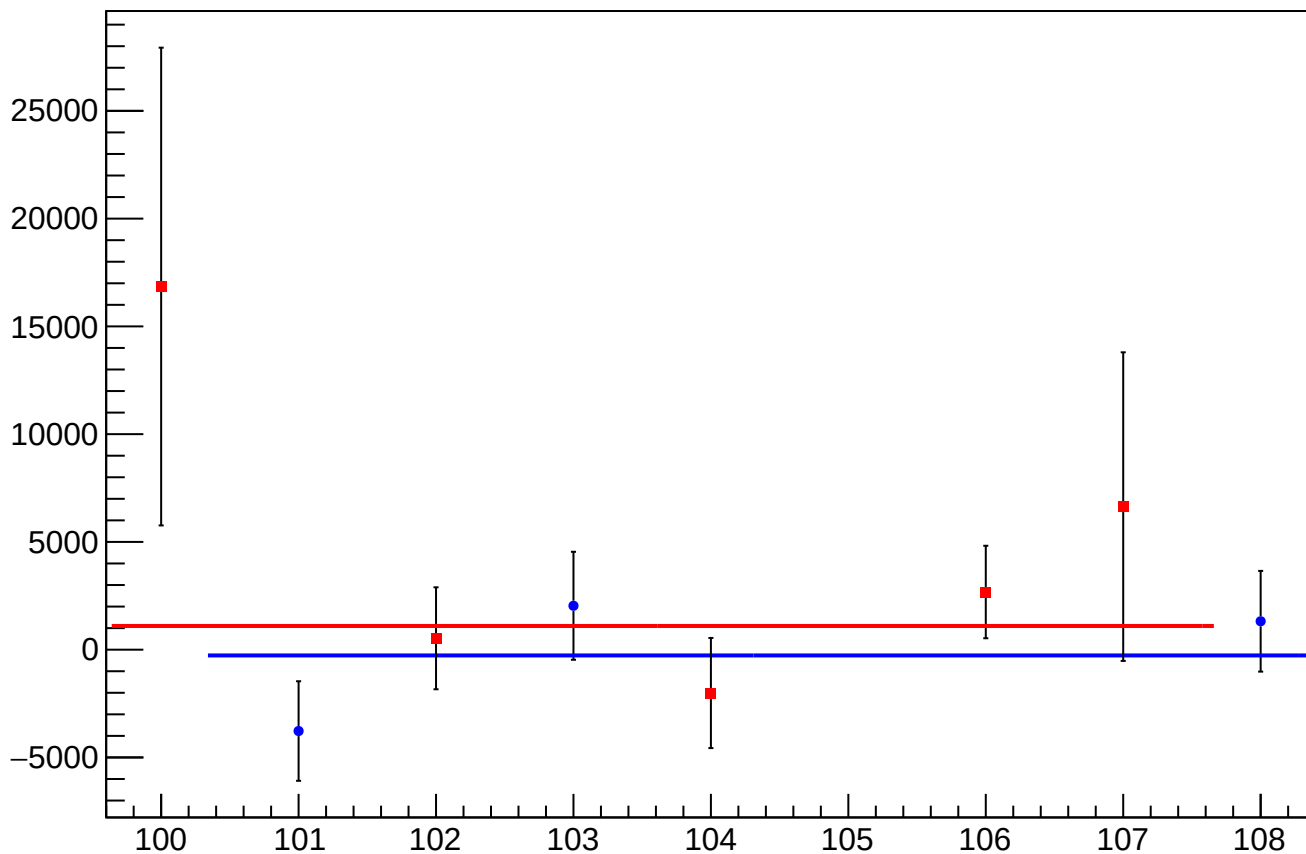
Right: 1957.967+/-0.795 χ^2/NDF : 378454.2/7

In: 1968.682+/-1.138 χ^2/NDF : 269180.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1957.967+/-0.795 χ^2/NDF : 378454.2/7

asym_us_dd_atlr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -267.104 $\pm$ 1373.671 χ^2 /NDF: 3.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1100.108 $\pm$ 1316.677 χ^2 /NDF: 4.7/4

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

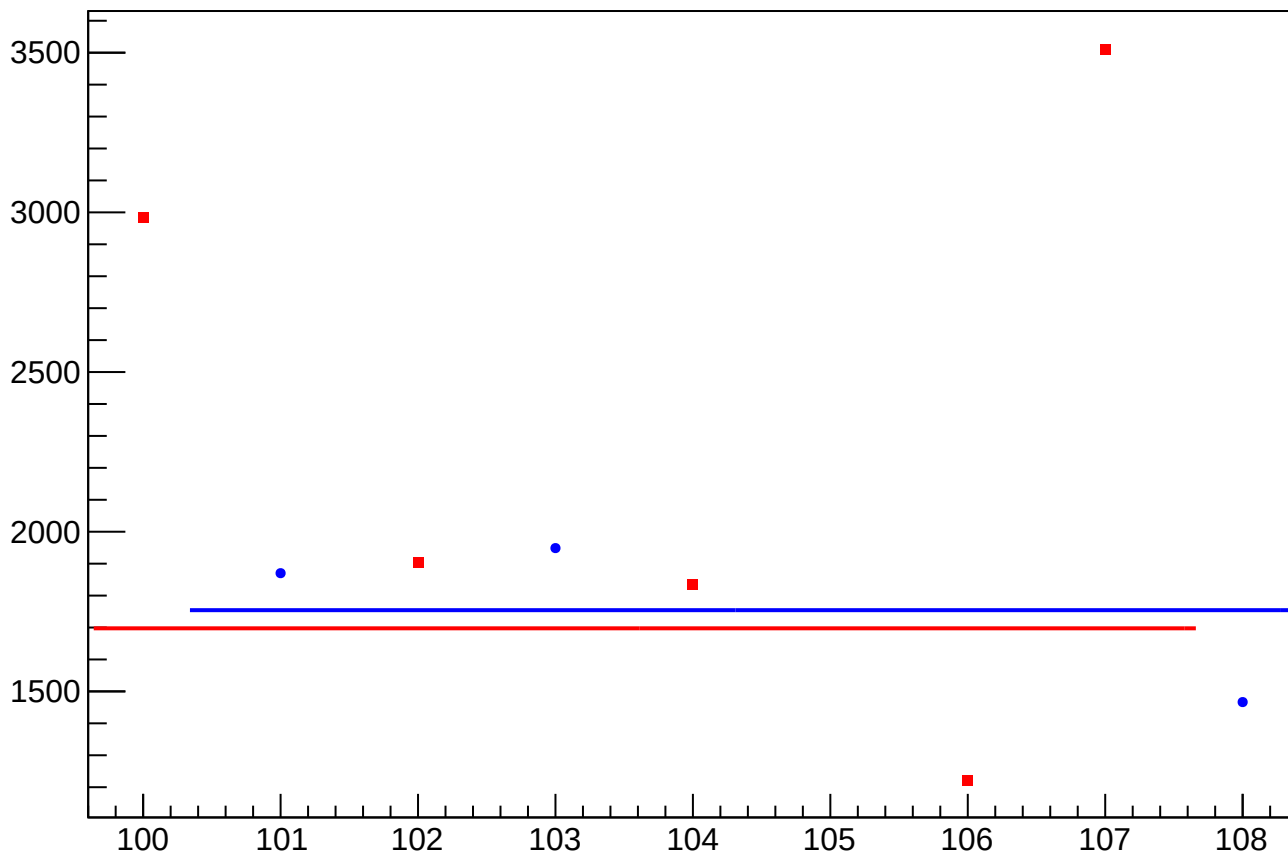
Right: 445.453 $\pm$ 950.542 χ^2 /NDF: 8.8/7

In: -267.104 $\pm$ 1373.671 χ^2 /NDF:3.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 445.453 $\pm$ 950.542 χ^2 /NDF: 8.8/7

asym_us_dd_atlr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1754.354+/-0.971 χ^2/NDF : 47405.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1697.509+/-0.931 χ^2/NDF : 274386.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

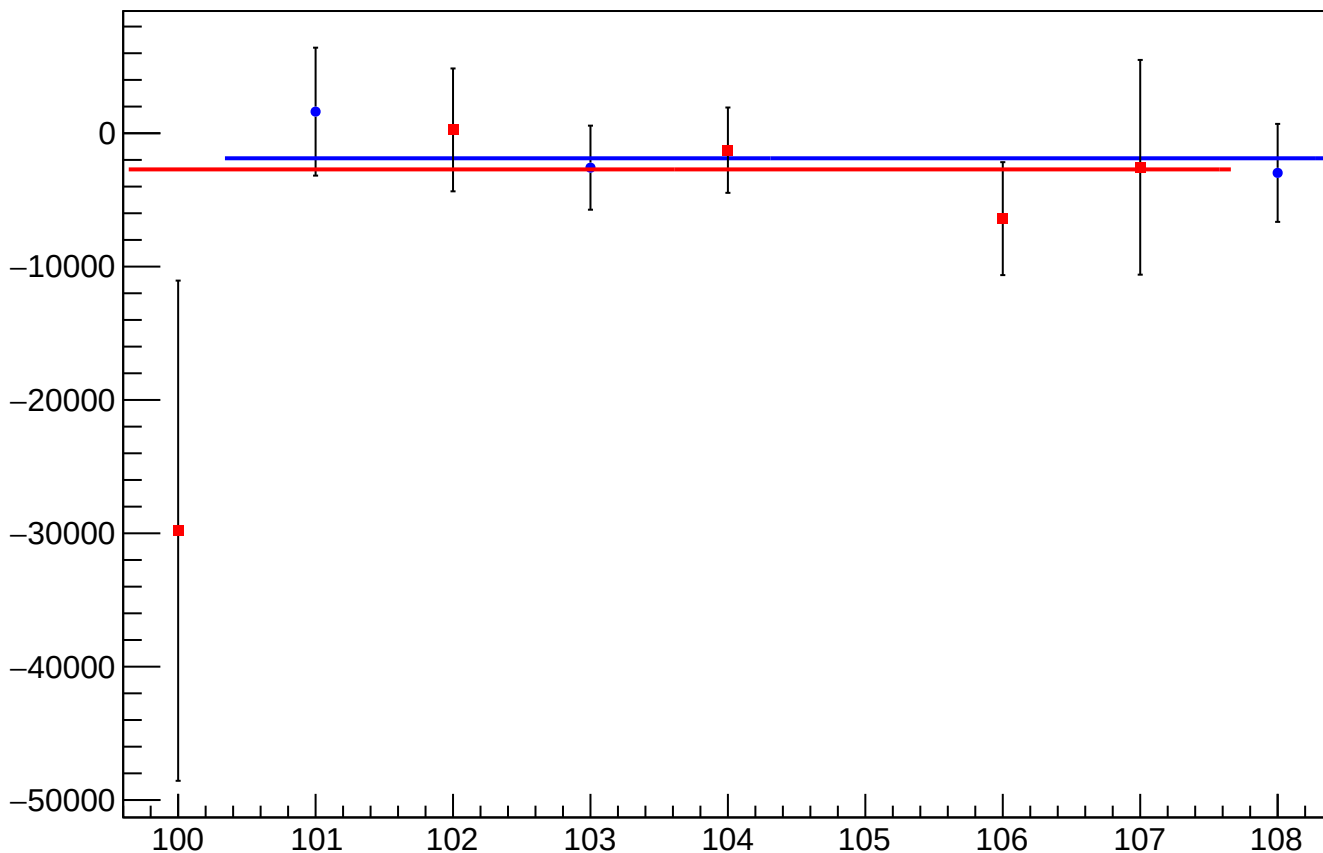
Right: 1724.728+/-0.672 χ^2/NDF : 323577.0/7

In: 1754.354+/-0.971 χ^2/NDF : 47405.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1724.728+/-0.672 χ^2/NDF : 323577.0/7

asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1877.542 $\pm$ 2140.711 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2711.251 $\pm$ 2137.656 χ^2 /NDF: 3.5/4

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

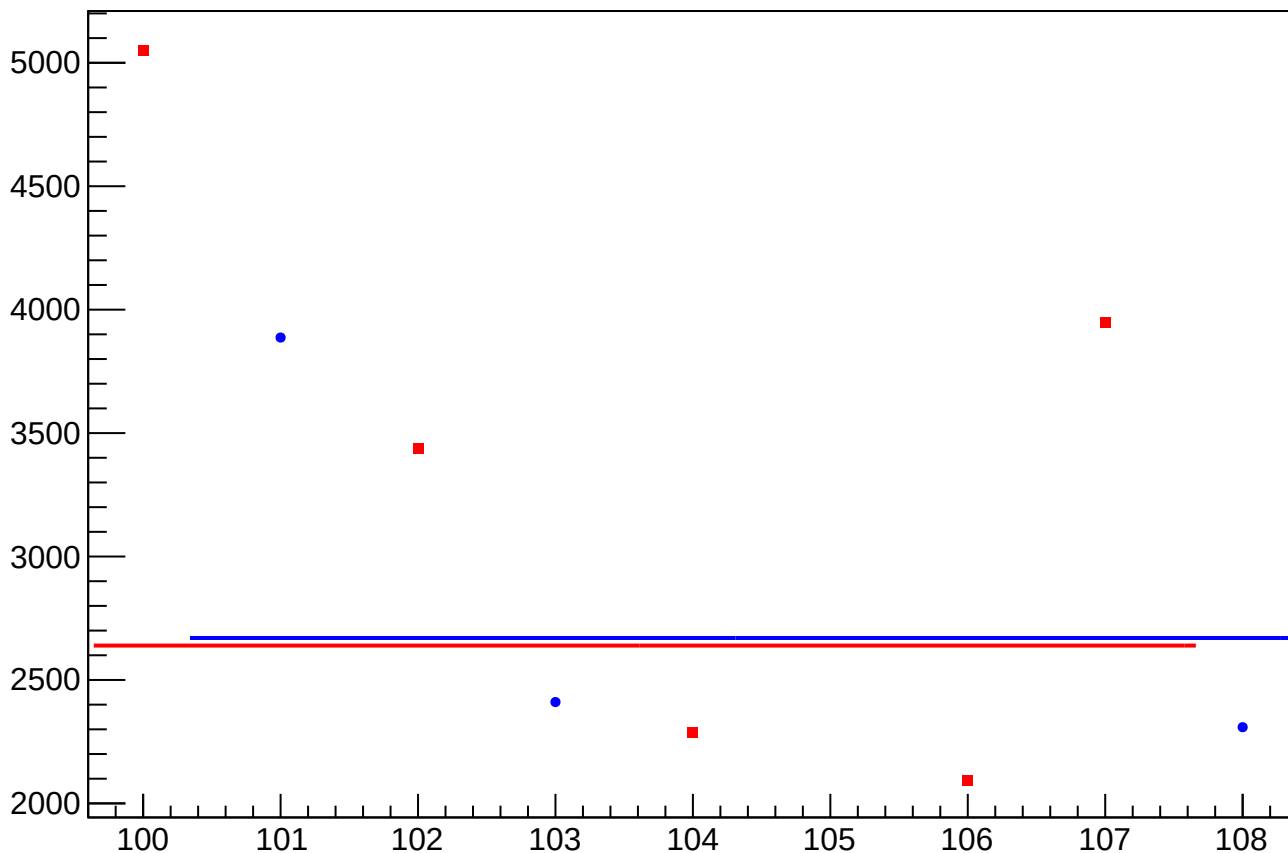
Right: -2294.992 $\pm$ 1512.630 χ^2 /NDF: 4.2/7

In: -1877.542 $\pm$ 2140.711 χ^2 /NDF: 0.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2294.992 $\pm$ 1512.630 χ^2 /NDF: 4.2/7

asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2670.053+/-1.514 χ^2/NDF : 161648.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2639.325+/-1.511 χ^2/NDF : 202835.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

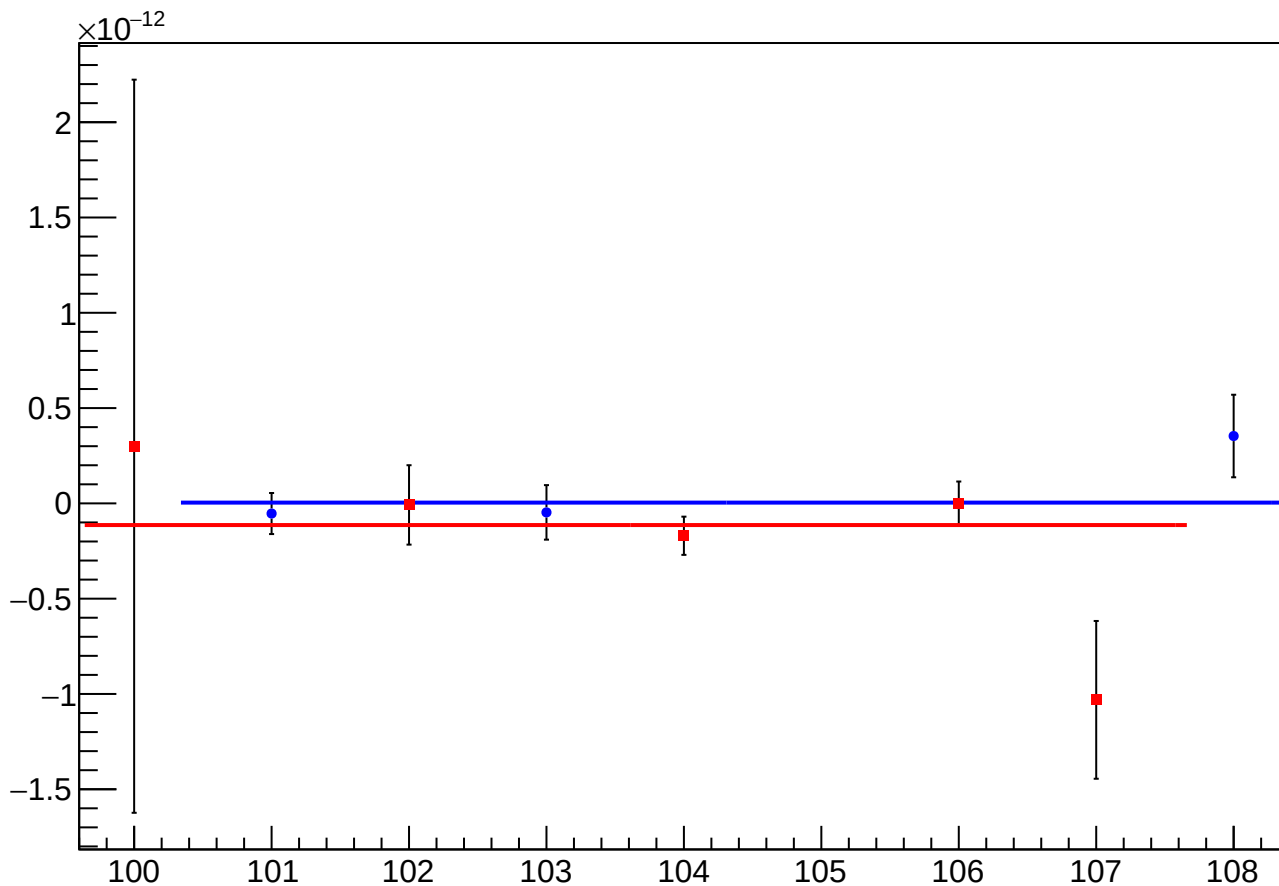
Right: 2654.666+/-1.070 χ^2/NDF : 364689.9/7

In: 2670.053+/-1.514 χ^2/NDF : 161648.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2654.666+/-1.070 χ^2/NDF : 364689.9/7

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

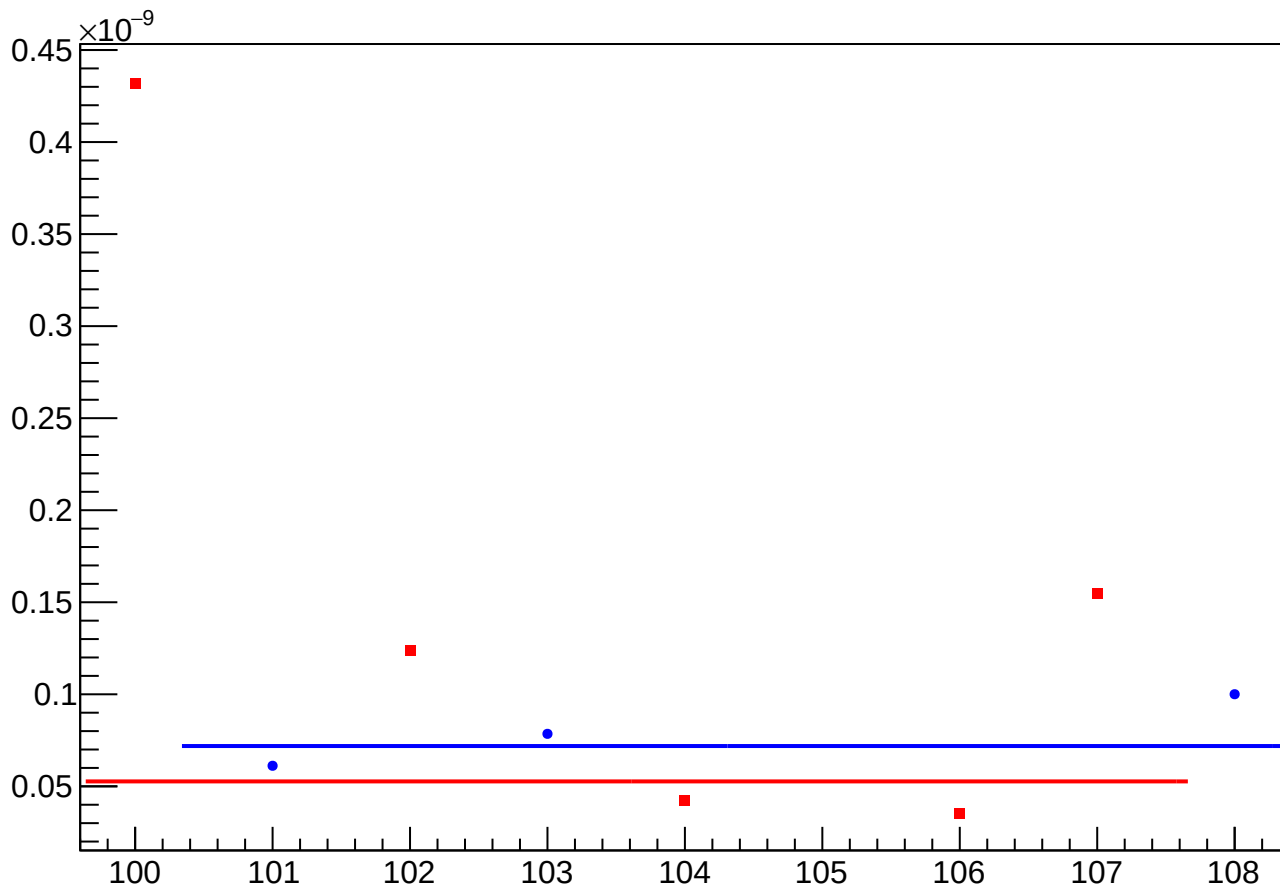
Right: -0.000+/-0.000 χ^2/NDF : 10.7/7

In: 0.000+/-0.000 χ^2/NDF : 3.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.7/7

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 57877.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 501159.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

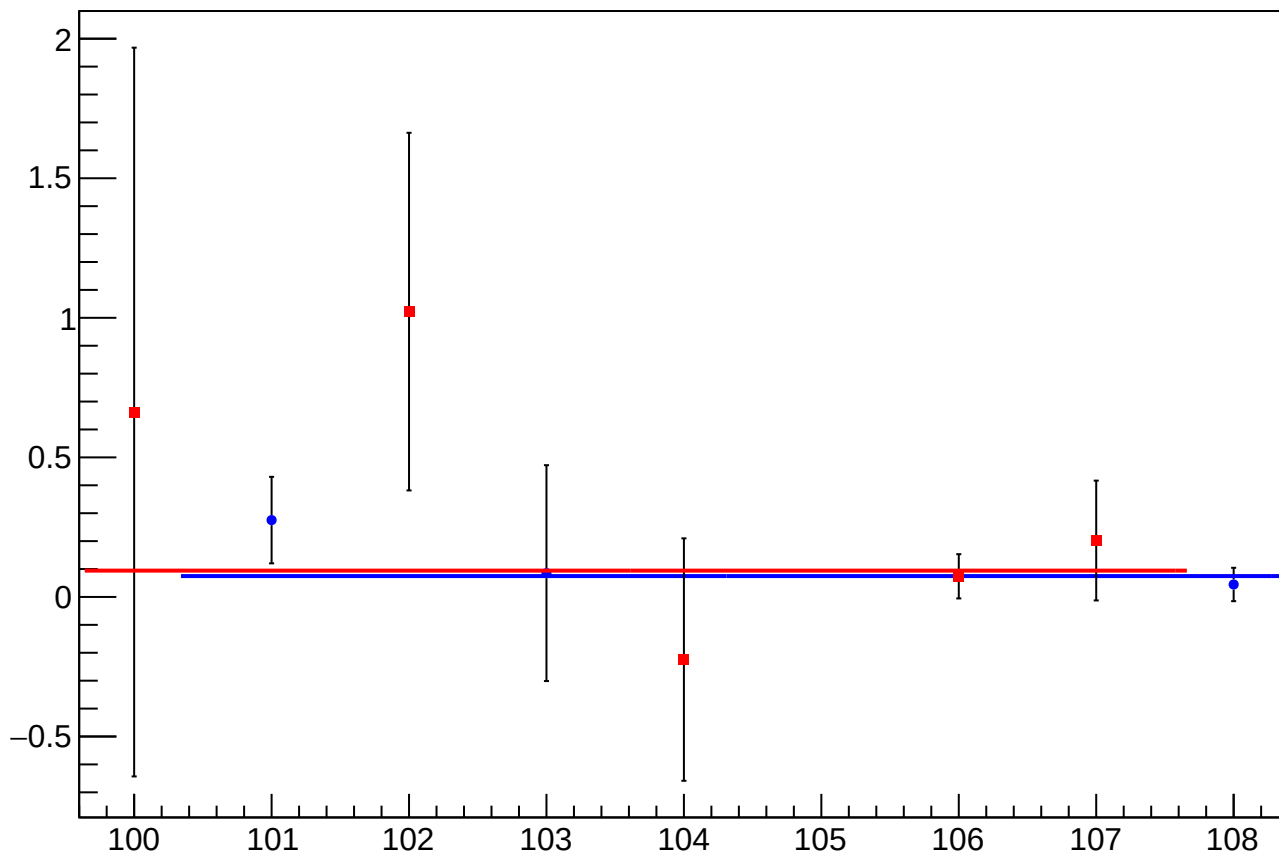
Right: 0.000+/-0.000 χ^2/NDF : 624295.4/7

In: 0.000+/-0.000 χ^2/NDF : 57877.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 624295.4/7

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.075 $\pm$ 0.055 χ^2 /NDF: 1.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.094 $\pm$ 0.073 χ^2 /NDF: 3.1/4

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

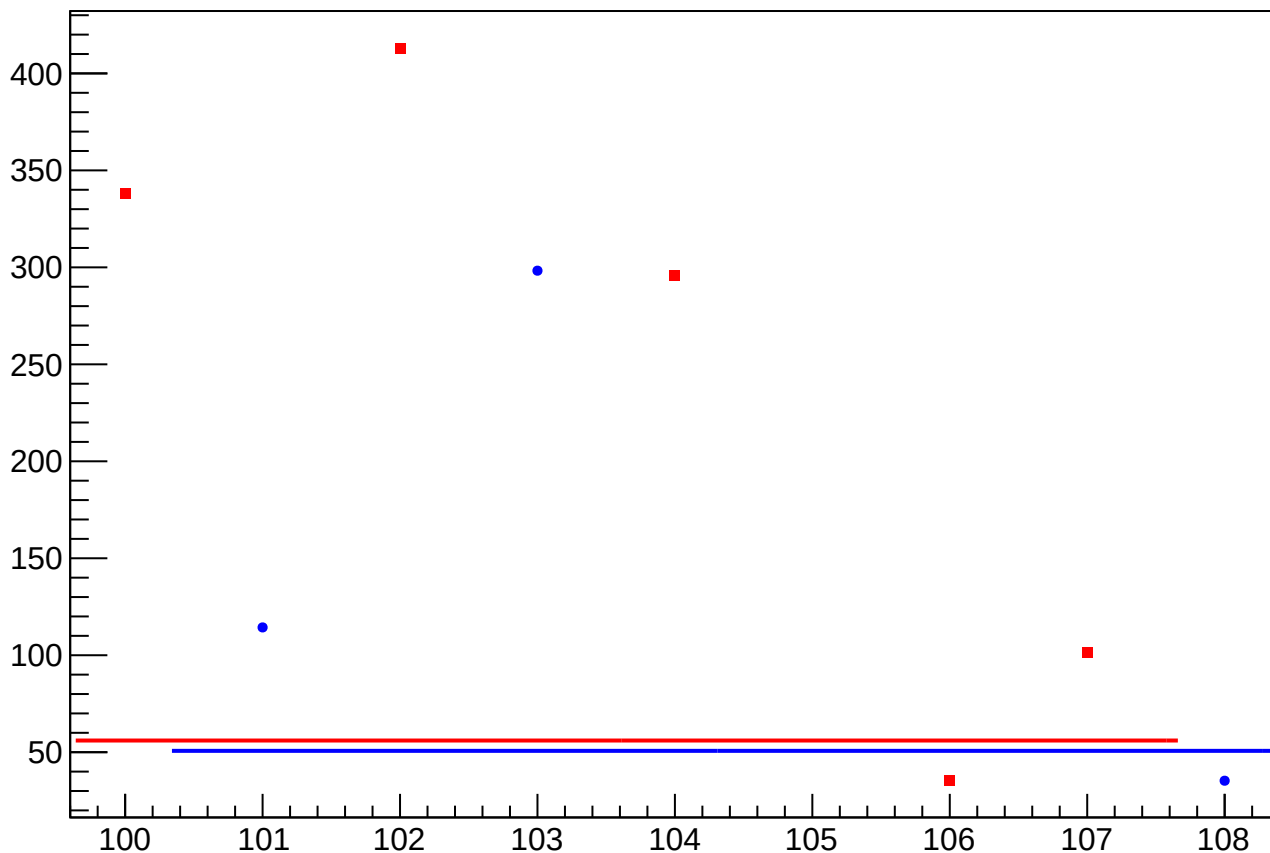
Right: 0.082 $\pm$ 0.044 χ^2 /NDF: 5.1/7

In: 0.075 $\pm$ 0.055 χ^2 /NDF:1.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.082 $\pm$ 0.044 χ^2 /NDF: 5.1/7

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.699+/-0.039 χ^2/NDF : 1289605.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.027+/-0.051 χ^2/NDF : 1550293.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

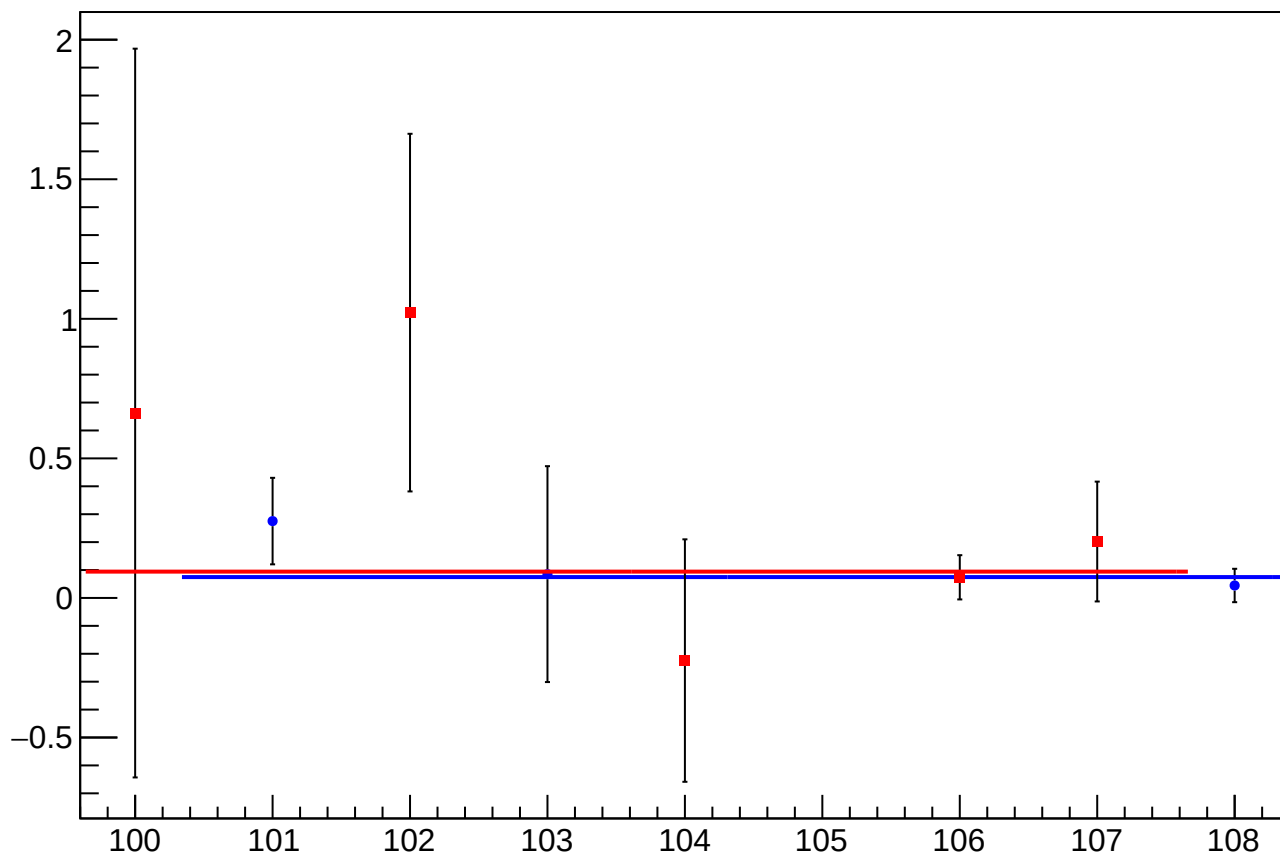
Right: 52.648+/-0.031 χ^2/NDF : 2846711.4/7

In: 50.699+/-0.039 χ^2/NDF : 1289605.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.648+/-0.031 χ^2/NDF : 2846711.4/7

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.075 $\pm$ 0.055 χ^2 /NDF: 1.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.094 $\pm$ 0.073 χ^2 /NDF: 3.1/4

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

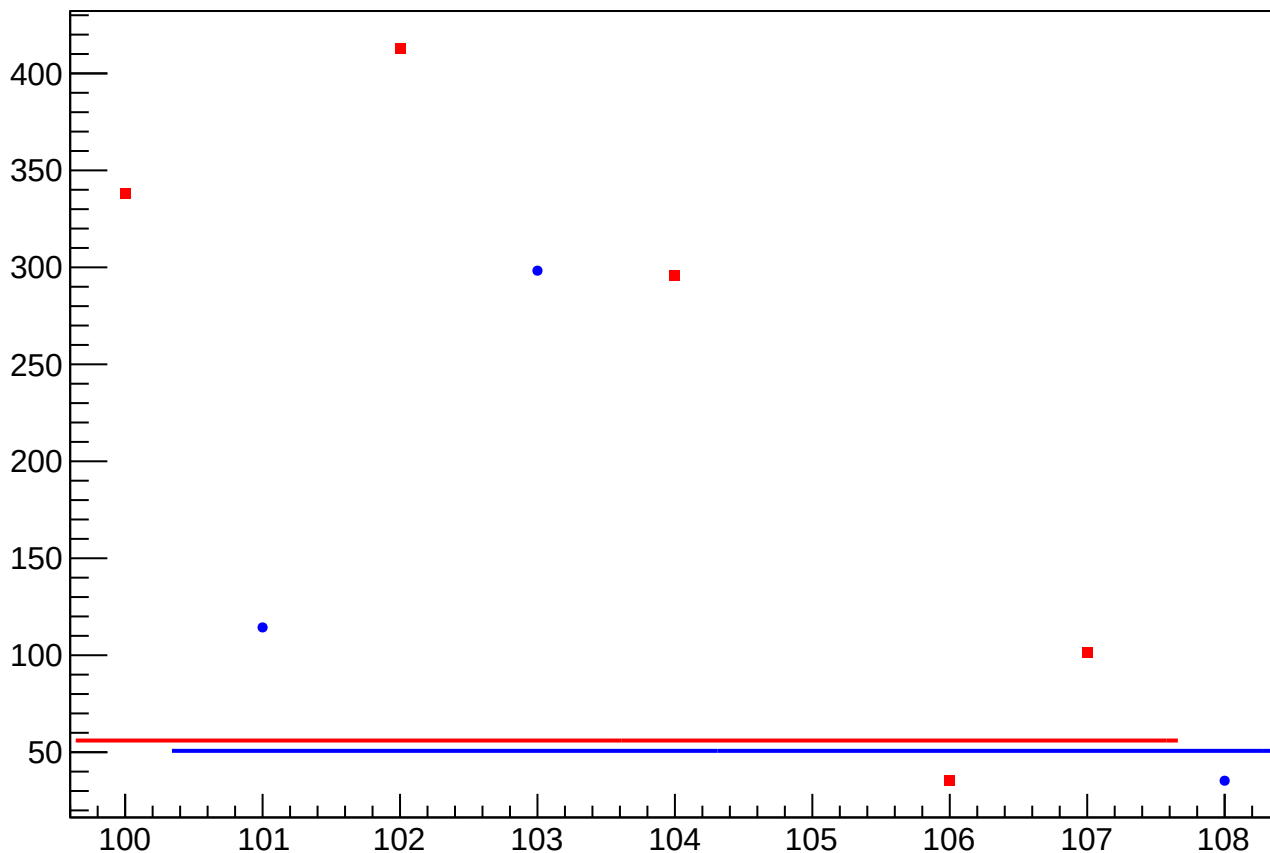
Right: 0.082 $\pm$ 0.044 χ^2 /NDF: 5.1/7

In: 0.075 $\pm$ 0.055 χ^2 /NDF:1.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.082 $\pm$ 0.044 χ^2 /NDF: 5.1/7

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.699+/-0.039 χ^2/NDF : 1289605.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.027+/-0.051 χ^2/NDF : 1550293.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

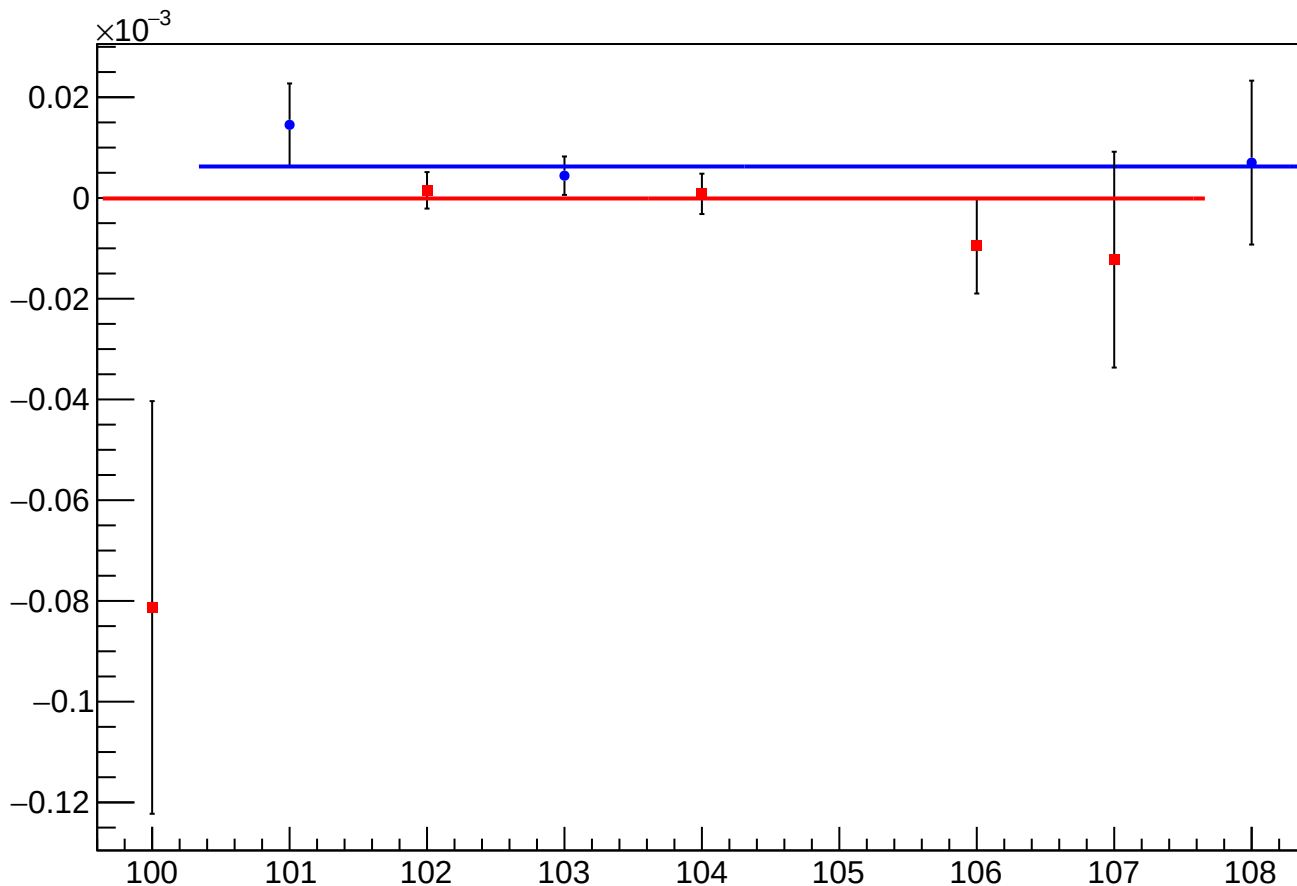
Right: 52.648+/-0.031 χ^2/NDF : 2846711.4/7

In: 50.699+/-0.039 χ^2/NDF : 1289605.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.648+/-0.031 χ^2/NDF : 2846711.4/7

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 : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

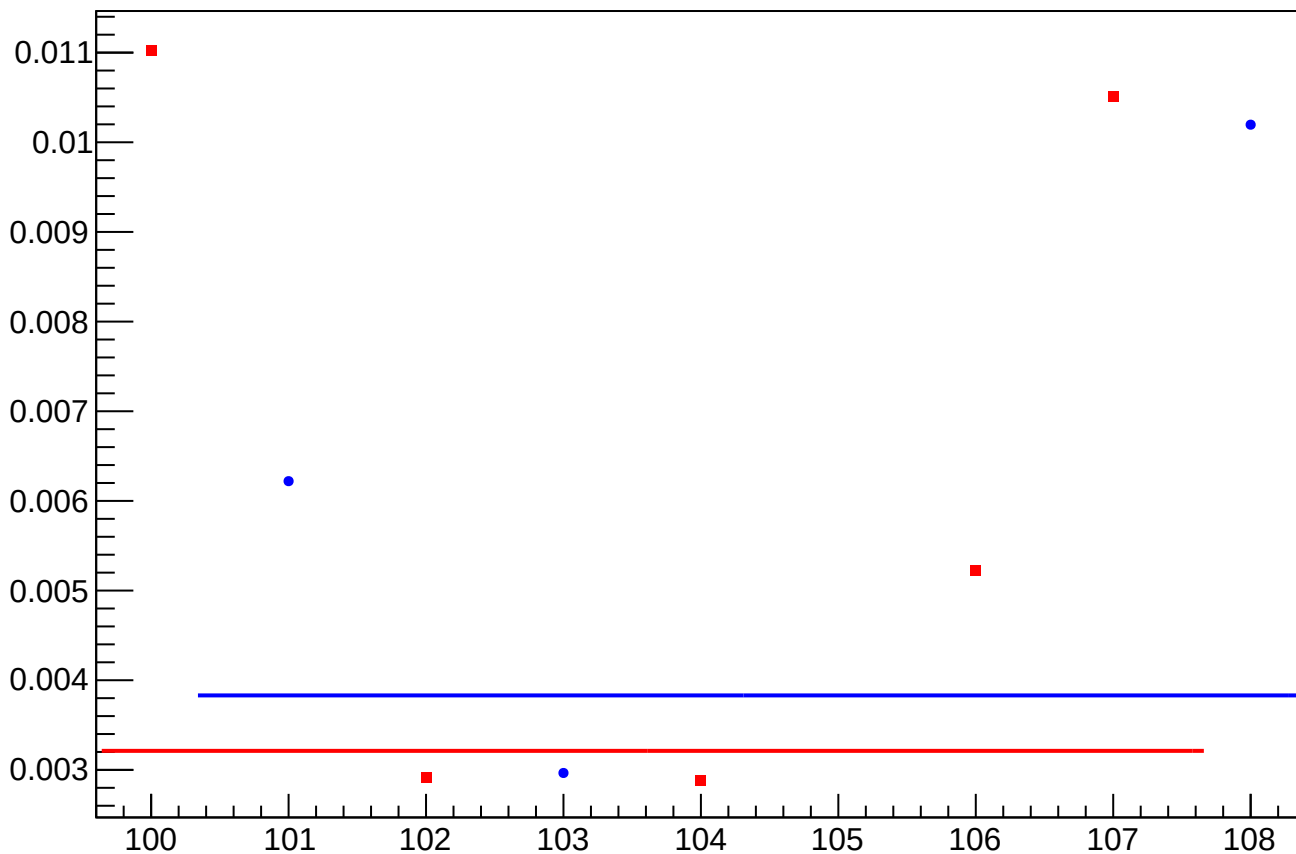
Right: 0.000+/-0.000 χ^2/NDF : 9.0/7

In: 0.000+/-0.000 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.0/7

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 : 578402.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 422057.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

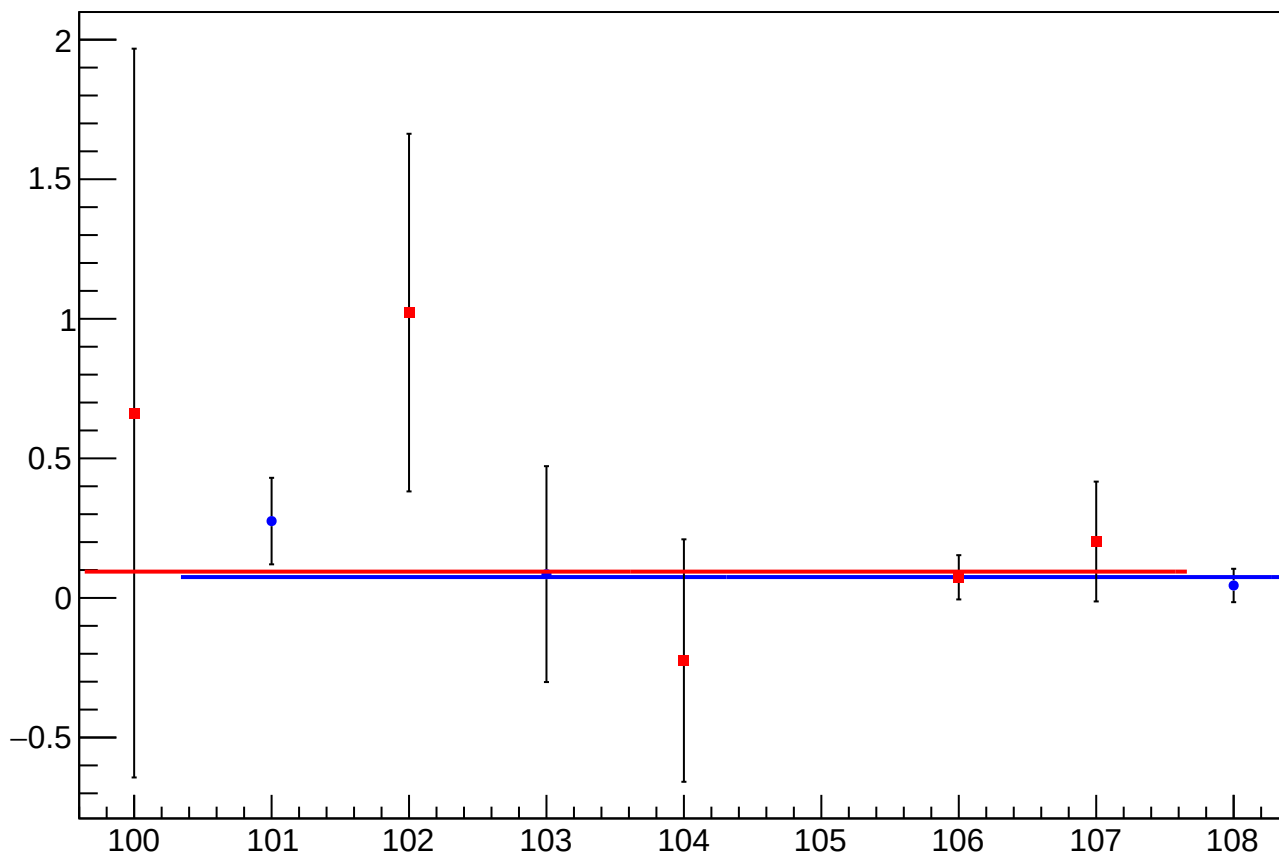
Right: 0.003+/-0.000 χ^2/NDF : 1042958.9/7

In: 0.004+/-0.000 χ^2/NDF : 578402.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 1042958.9/7

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.075 $\pm$ 0.055 χ^2 /NDF: 1.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.094 $\pm$ 0.073 χ^2 /NDF: 3.1/4

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

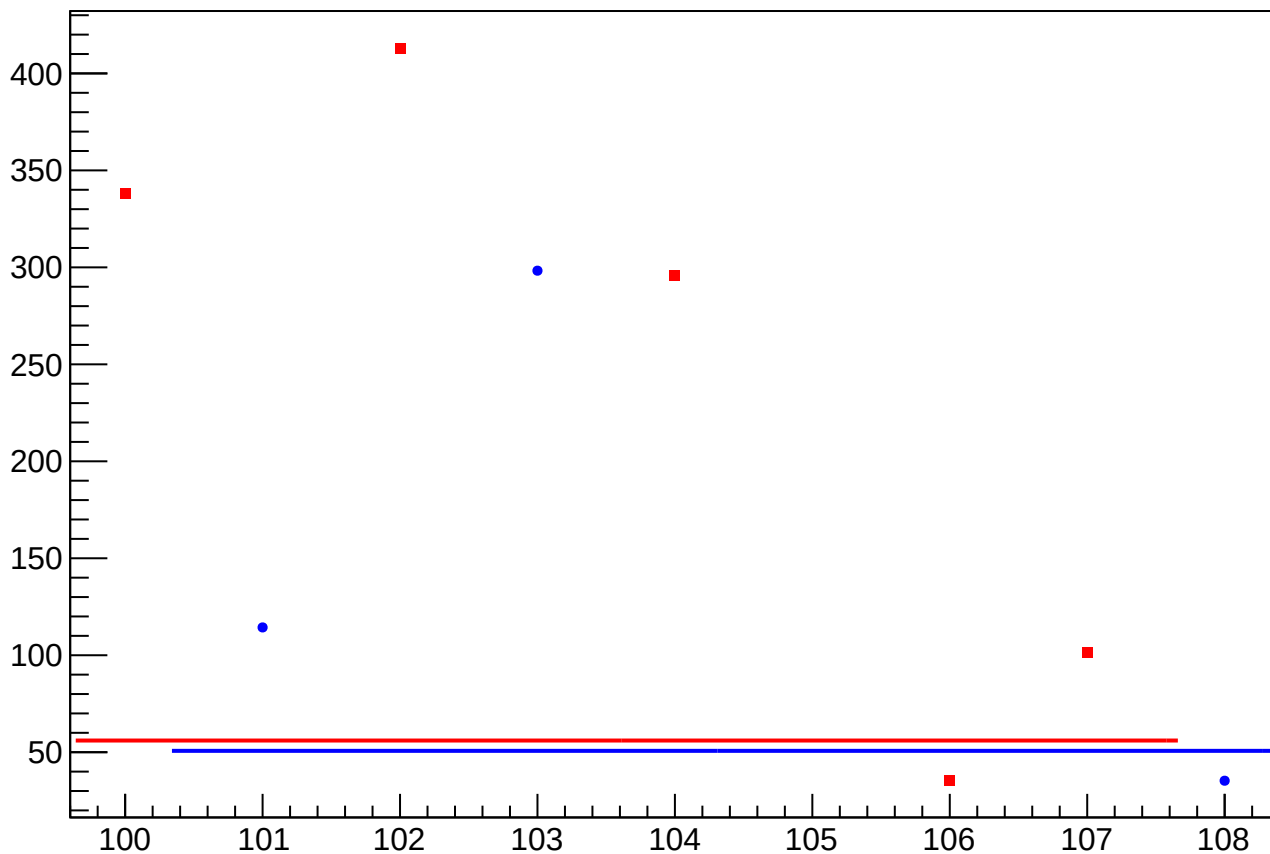
Right: 0.082 $\pm$ 0.044 χ^2 /NDF: 5.1/7

In: 0.075 $\pm$ 0.055 χ^2 /NDF:1.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.082 $\pm$ 0.044 χ^2 /NDF: 5.1/7

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.704+/-0.039 χ^2/NDF : 1289530.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.028+/-0.051 χ^2/NDF : 1550291.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

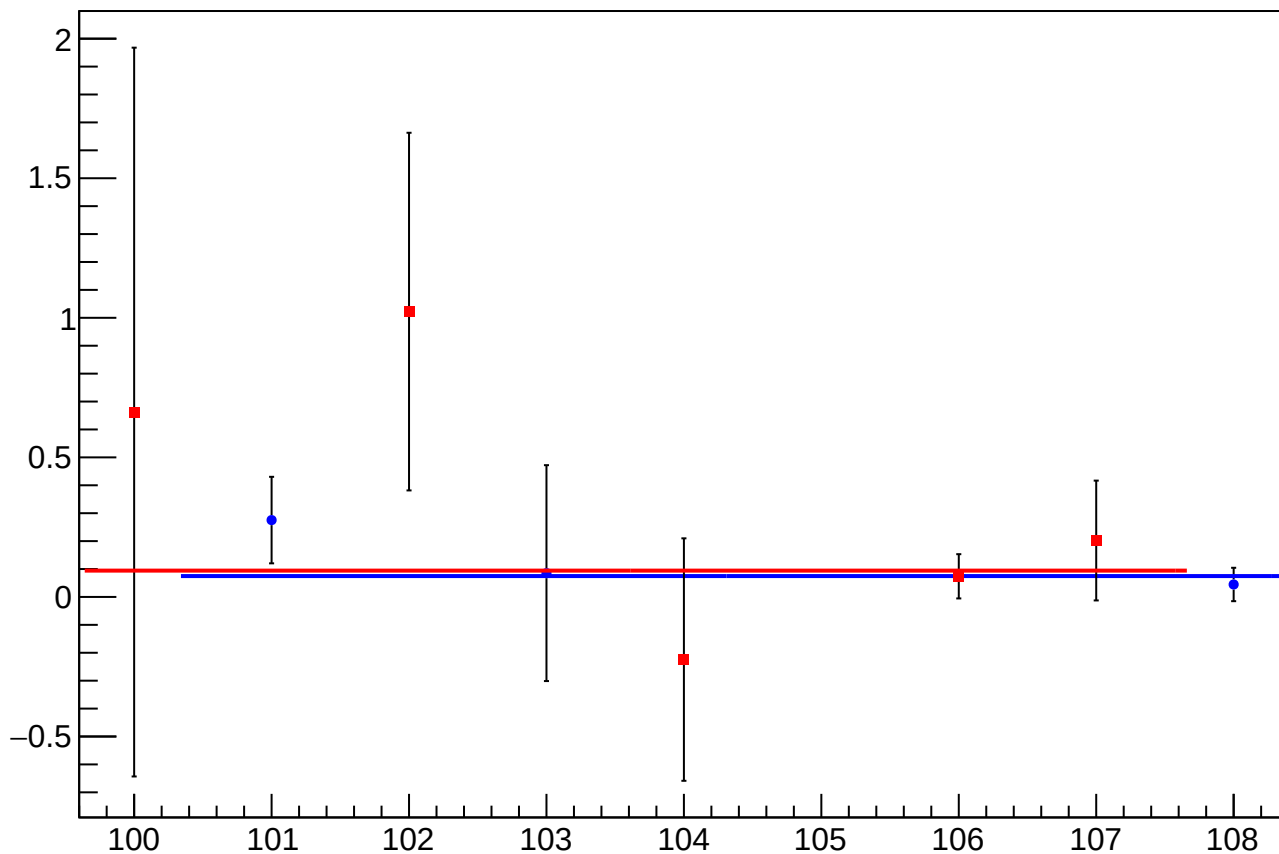
Right: 52.652+/-0.031 χ^2/NDF : 2846621.8/7

In: 50.704+/-0.039 χ^2/NDF : 1289530.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.652+/-0.031 χ^2/NDF : 2846621.8/7

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.075 $\pm$ 0.055 χ^2 /NDF: 1.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.094 $\pm$ 0.073 χ^2 /NDF: 3.1/4

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

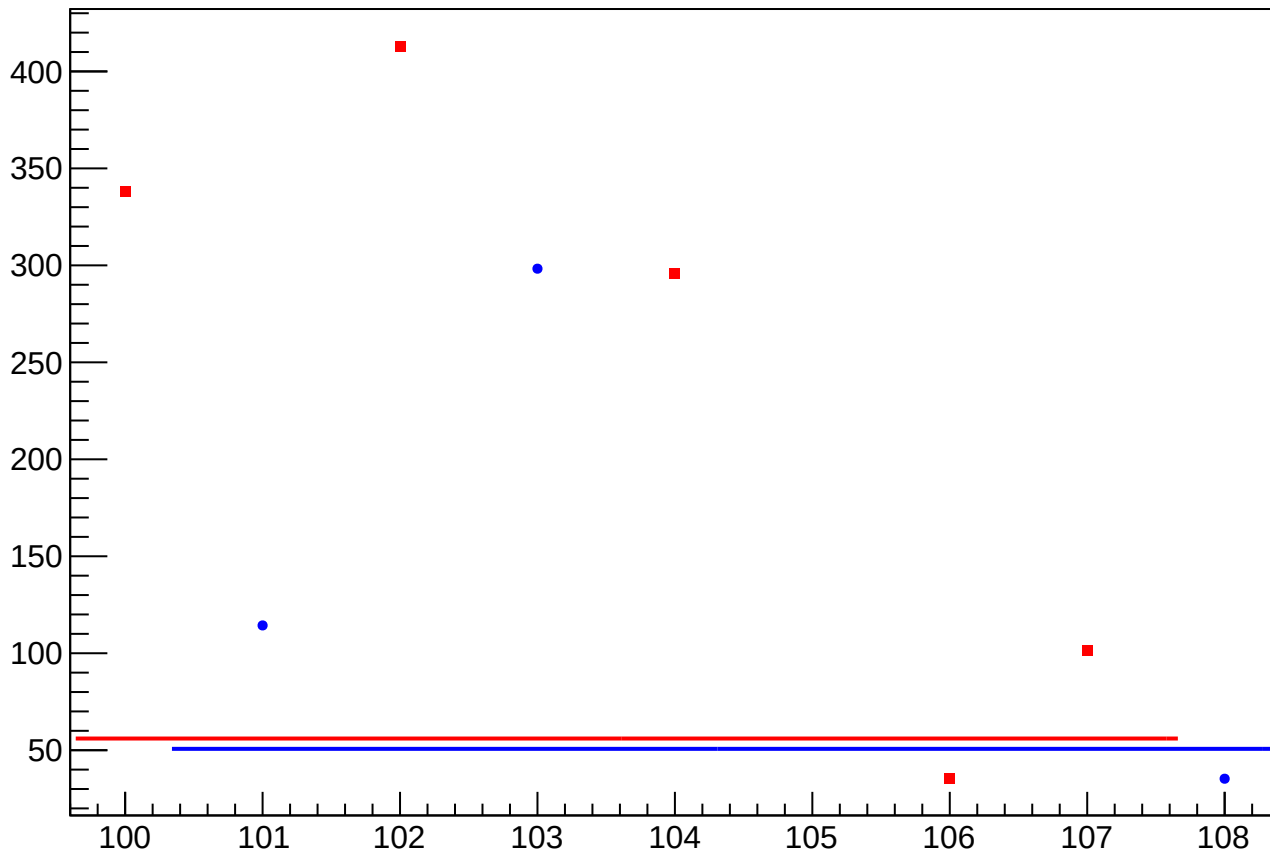
Right: 0.082 $\pm$ 0.044 χ^2 /NDF: 5.1/7

In: 0.075 $\pm$ 0.055 χ^2 /NDF: 1.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.082 $\pm$ 0.044 χ^2 /NDF: 5.1/7

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.704+/-0.039 χ^2/NDF : 1289530.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.028+/-0.051 χ^2/NDF : 1550291.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

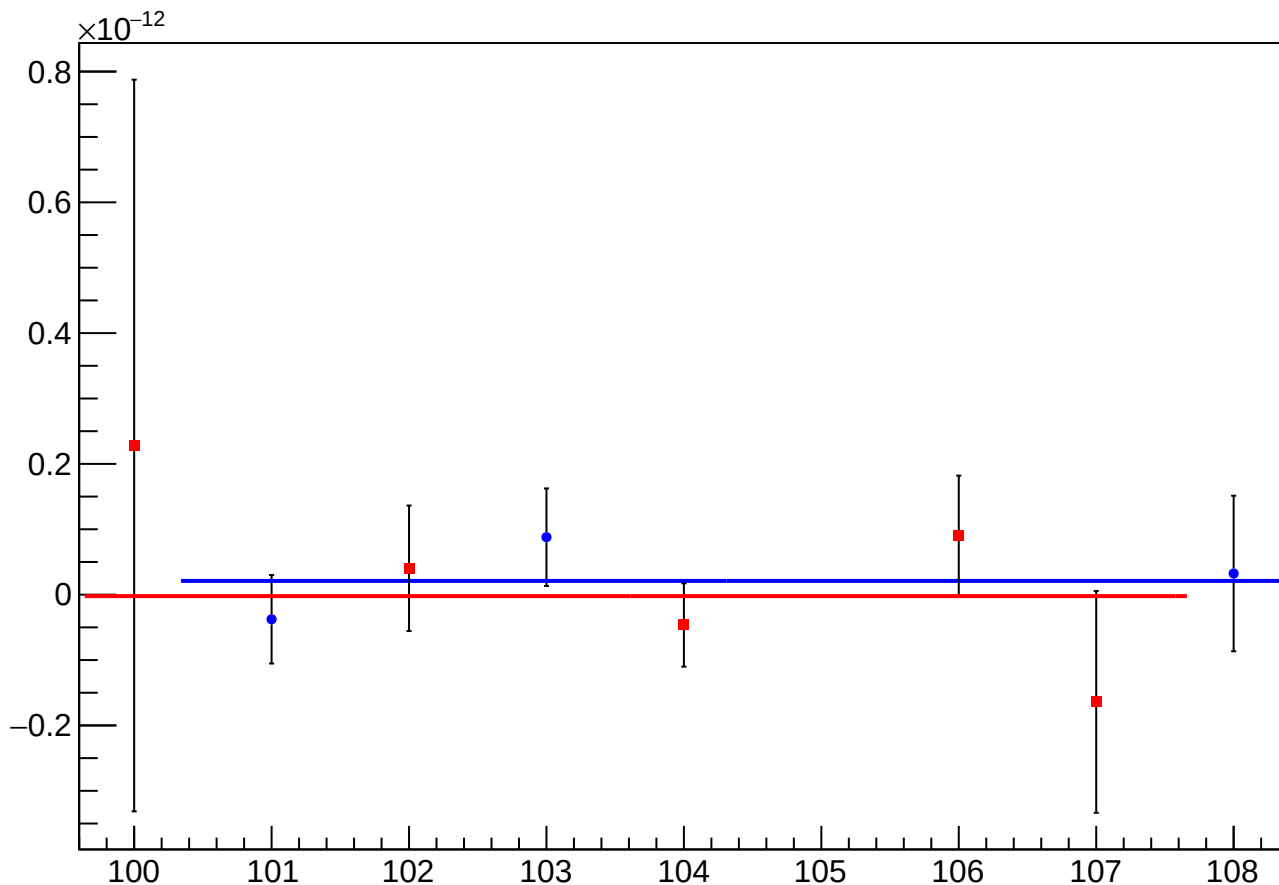
Right: 52.652+/-0.031 χ^2/NDF : 2846621.8/7

In: 50.704+/-0.039 χ^2/NDF : 1289530.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.652+/-0.031 χ^2/NDF : 2846621.8/7

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 : 1.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

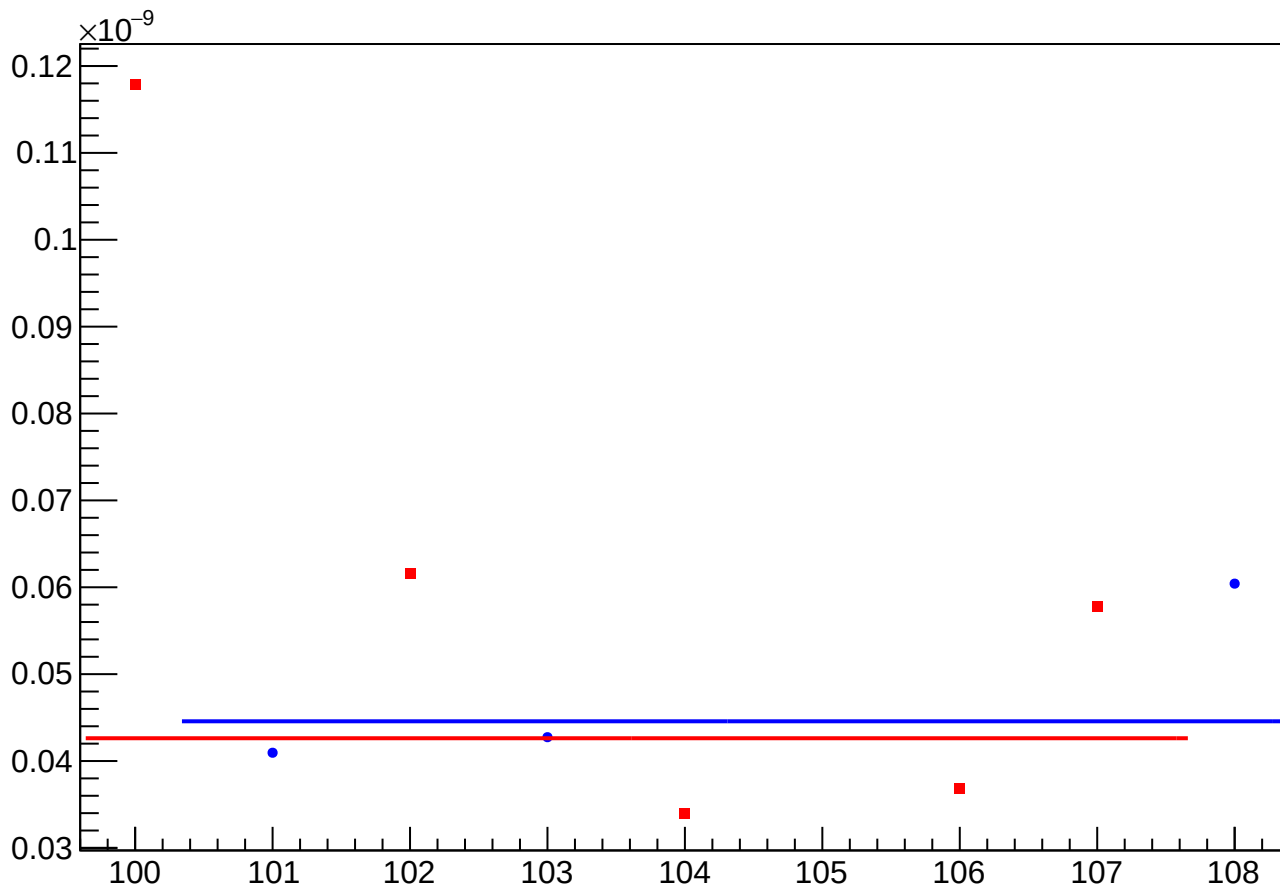
Right: 0.000+/-0.000 χ^2/NDF : 4.5/7

In: 0.000+/-0.000 χ^2/NDF : 1.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.5/7

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 : 42410.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 175277.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

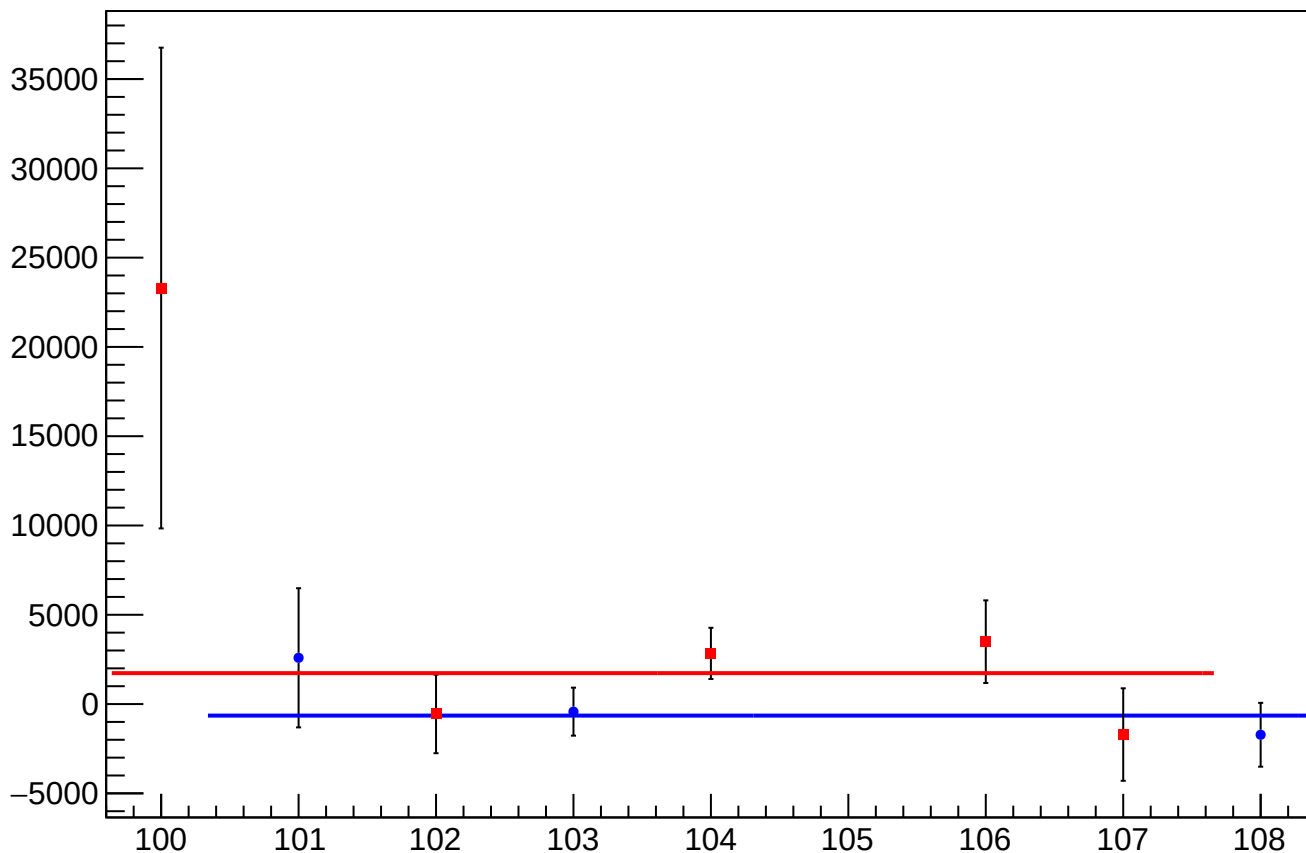
Right: 0.000+/-0.000 χ^2/NDF : 219551.9/7

In: 0.000+/-0.000 χ^2/NDF : 42410.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 219551.9/7

reg_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: -645.766+/-1035.489 χ^2/NDF : 1.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1731.989+/-983.119 χ^2/NDF : 6.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

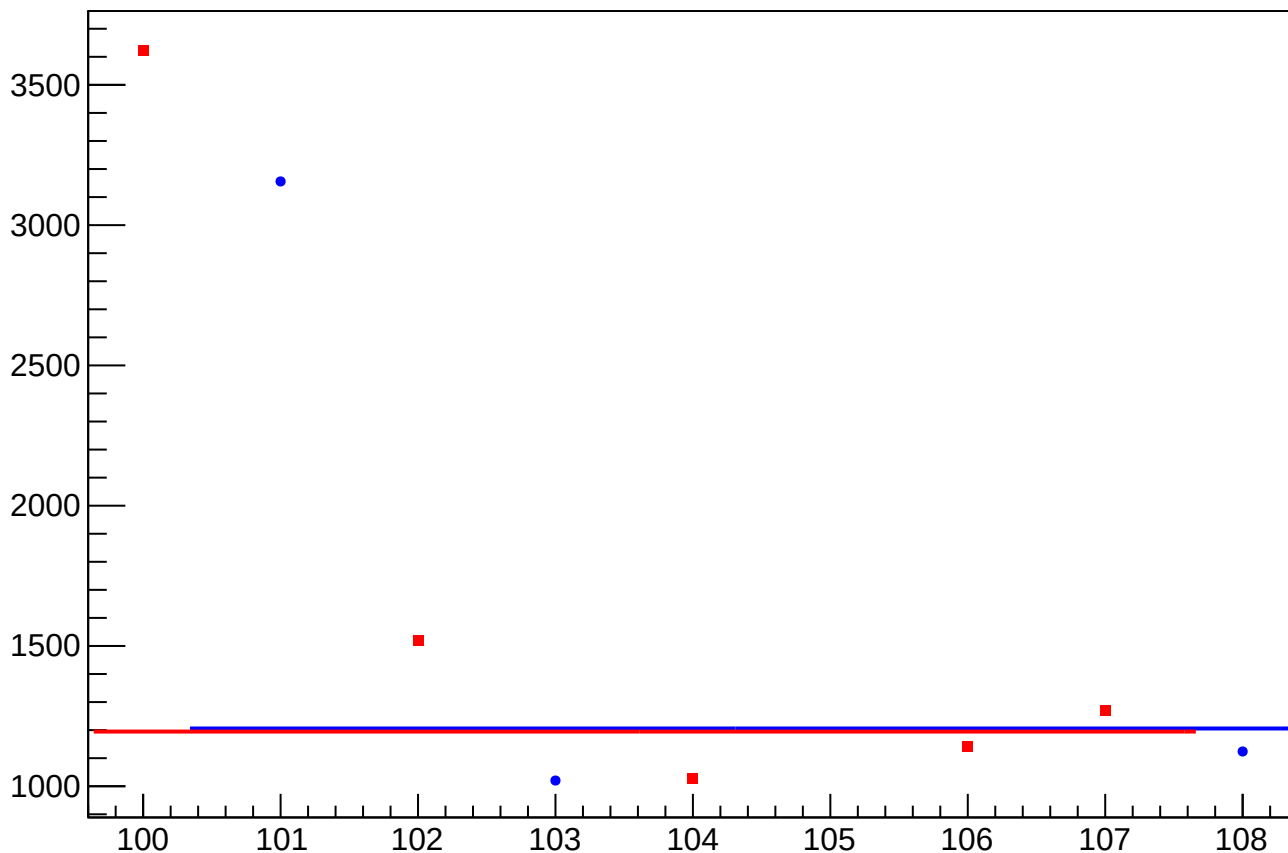
Right: 604.758+/-712.965 χ^2/NDF : 10.4/7

In: -645.766+/-1035.489 χ^2/NDF : 1.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 604.758+/-712.965 χ^2/NDF : 10.4/7

reg_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1205.841+/-0.732 χ^2/NDF : 543077.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1194.892+/-0.695 χ^2/NDF : 139004.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

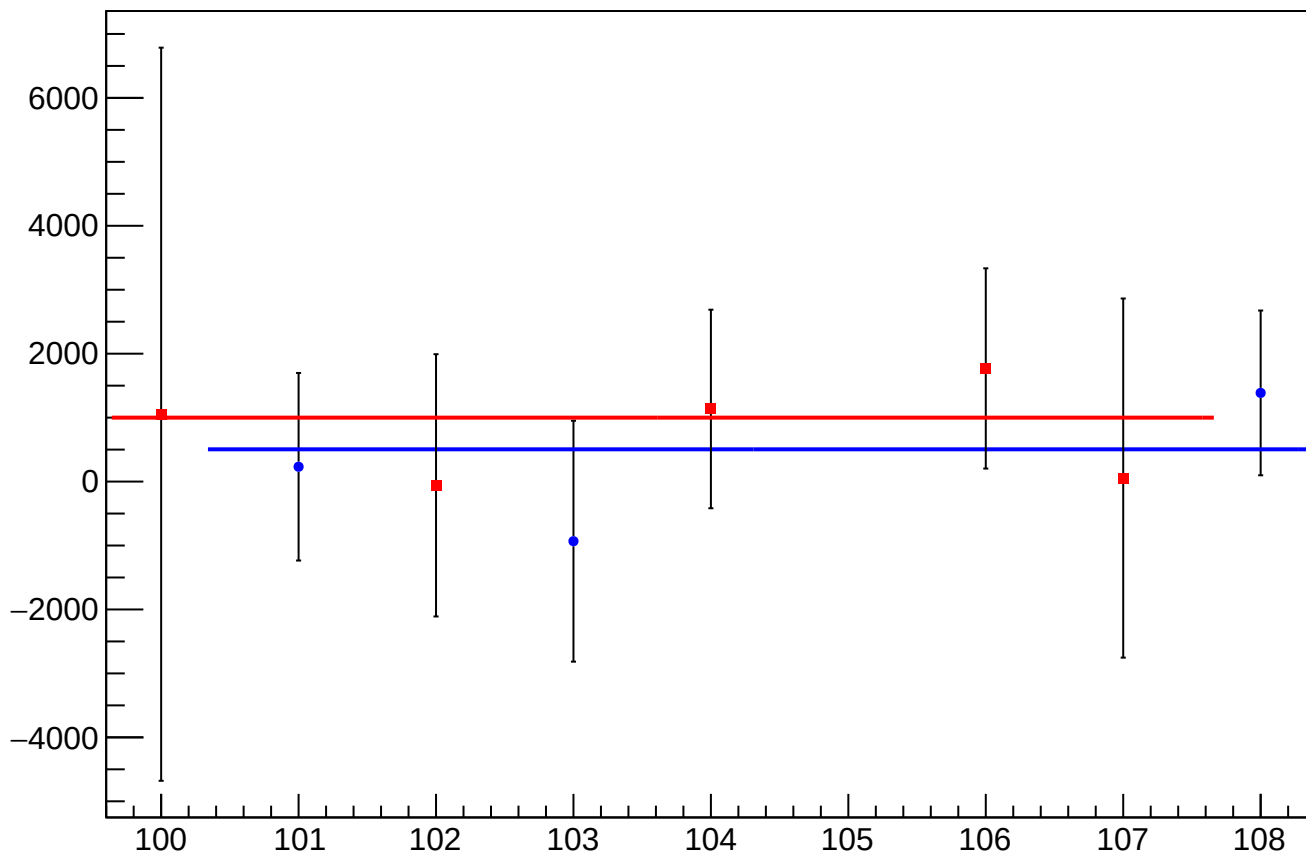
Right: 1200.082+/-0.504 χ^2/NDF : 682199.3/7

In: 1205.841+/-0.732 χ^2/NDF : 543077.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1200.082+/-0.504 χ^2/NDF : 682199.3/7

asym_us_dd_atlr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 504.368+/-860.908 χ^2/NDF : 1.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 999.808+/-906.177 χ^2/NDF : 0.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

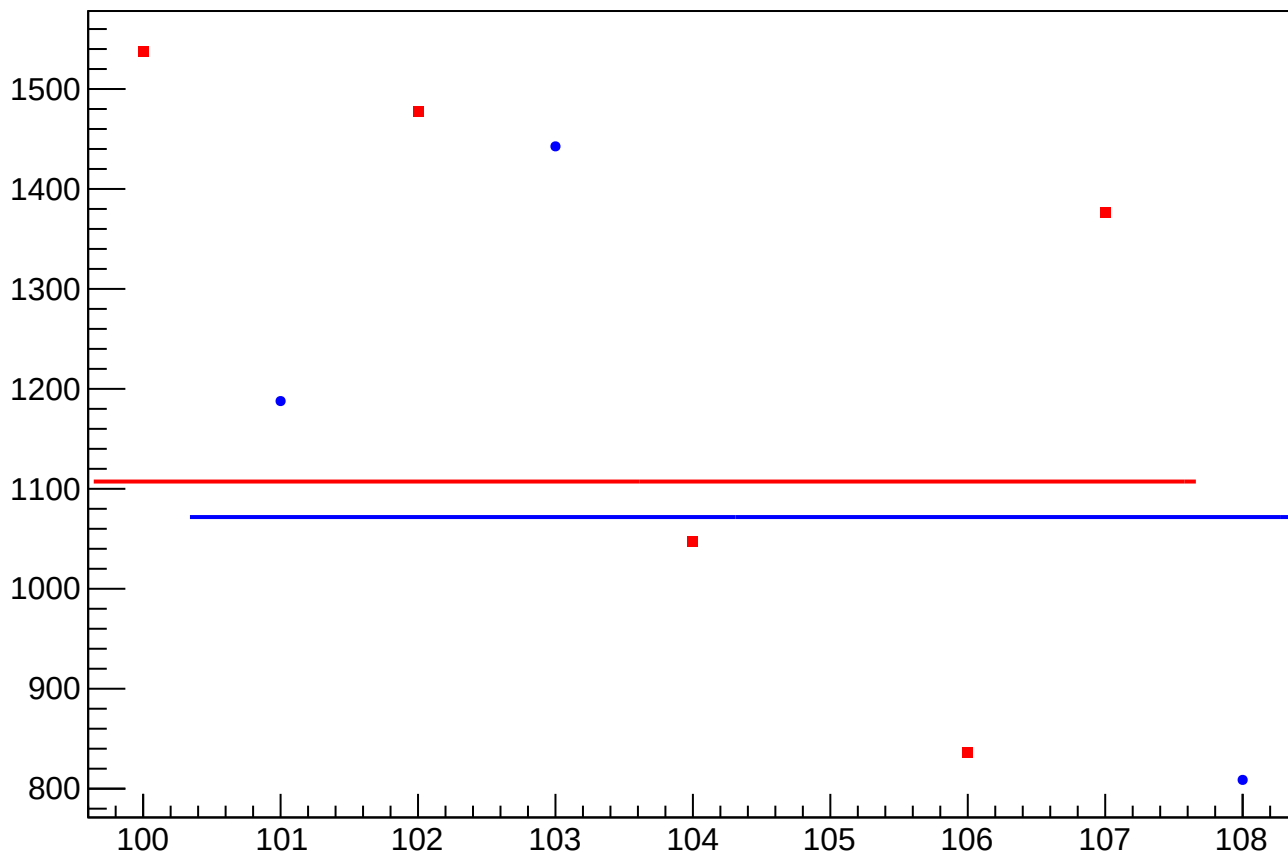
Right: 739.404+/-624.144 χ^2/NDF : 1.9/7

In: 504.368+/-860.908 χ^2/NDF : 1.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 739.404+/-624.144 χ^2/NDF : 1.9/7

asym_us_dd_atlr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1071.756+/-0.609 χ^2/NDF : 173359.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1107.285+/-0.641 χ^2/NDF : 157667.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

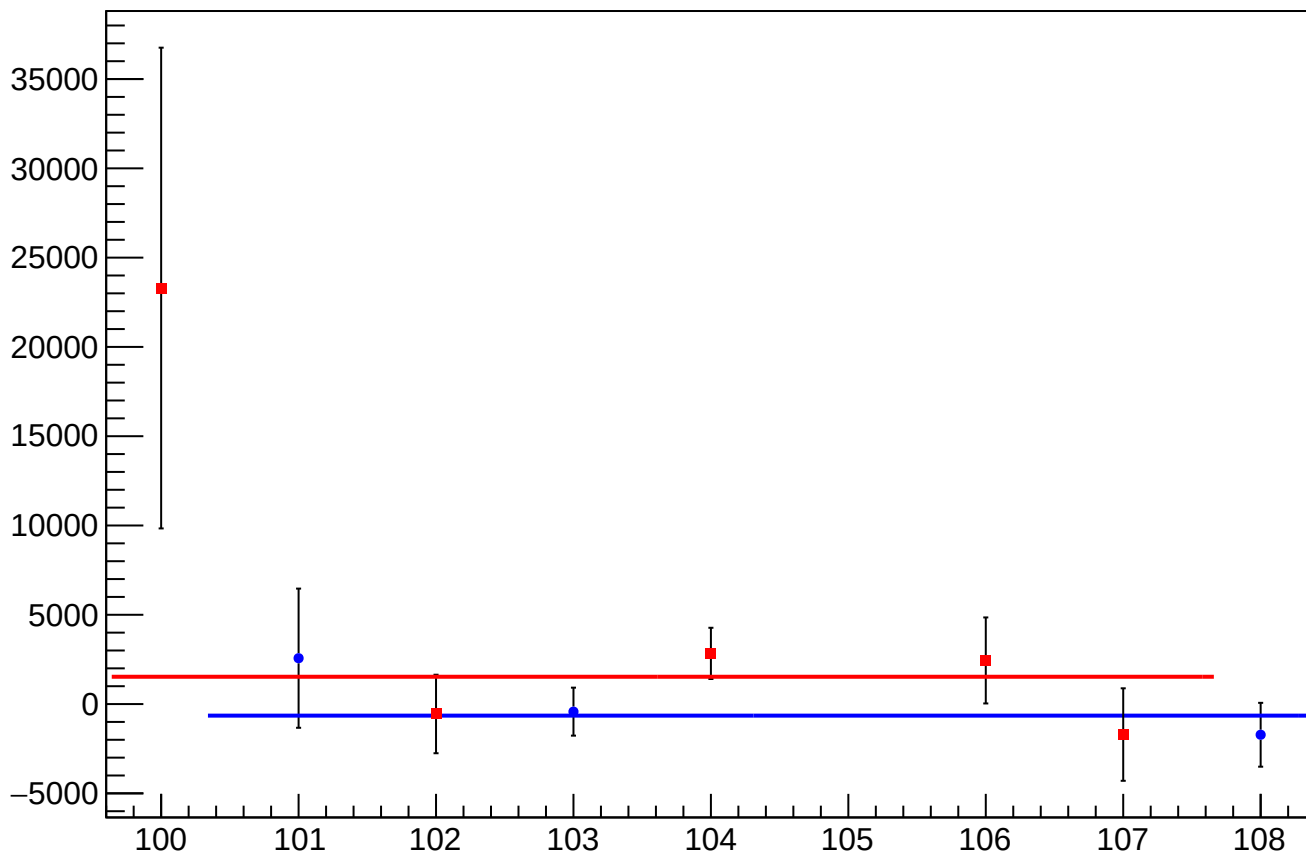
Right: 1088.611+/-0.441 χ^2/NDF : 332643.1/7

In: 1071.756+/-0.609 χ^2/NDF : 173359.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1088.611+/-0.441 χ^2/NDF : 332643.1/7

cor_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: -647.373+/-1035.490 χ^2/NDF : 1.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1529.515+/-990.035 χ^2/NDF : 6.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

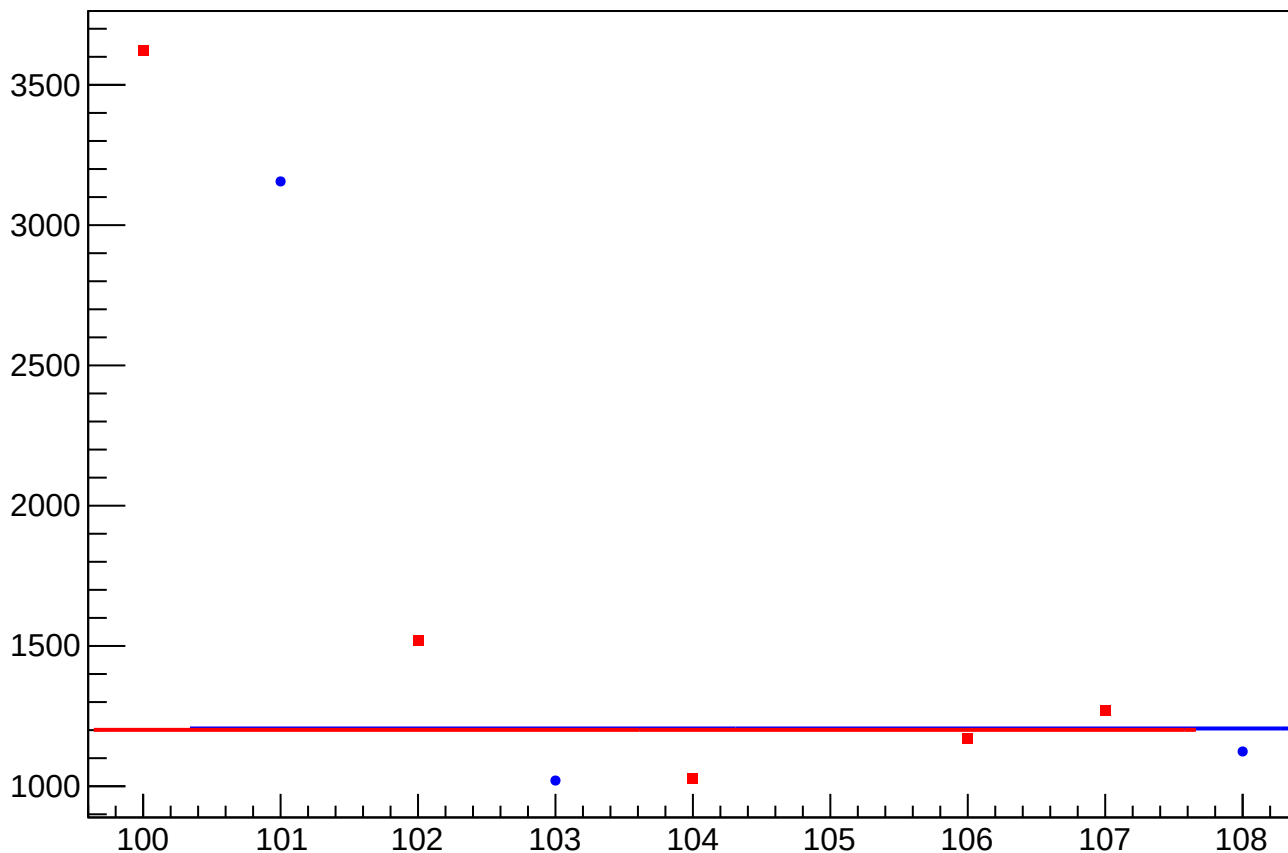
Right: 489.898+/-715.590 χ^2/NDF : 9.4/7

In: -647.373+/-1035.490 χ^2/NDF : 1.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 489.898+/-715.590 χ^2/NDF : 9.4/7

cor_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1205.839+/-0.732 χ^2/NDF : 543078.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1200.958+/-0.700 χ^2/NDF : 138004.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

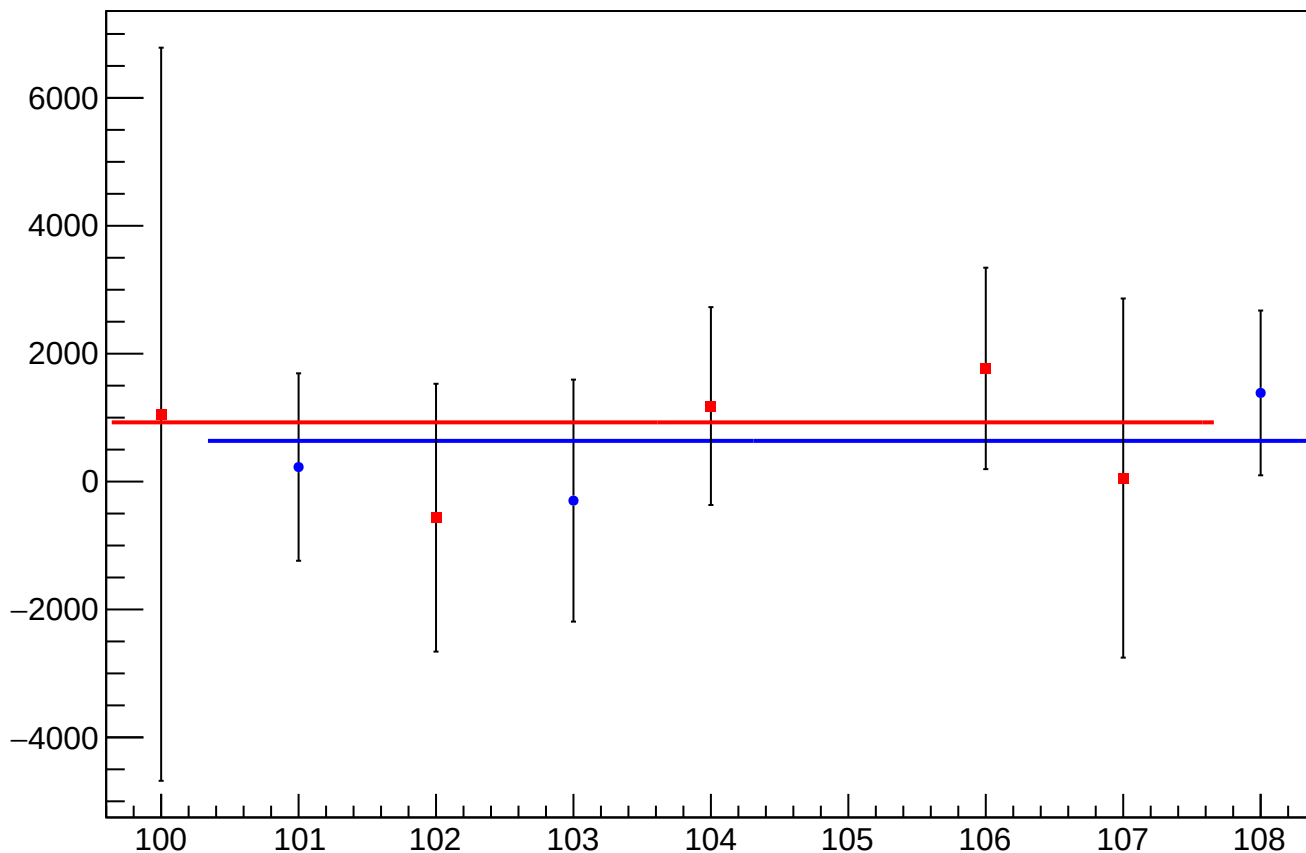
Right: 1203.289+/-0.506 χ^2/NDF : 681106.7/7

In: 1205.839+/-0.732 χ^2/NDF : 543078.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1203.289+/-0.506 χ^2/NDF : 681106.7/7

asym_us_dd_atlr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 636.710+/-861.473 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 926.106+/-910.542 χ^2/NDF : 0.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

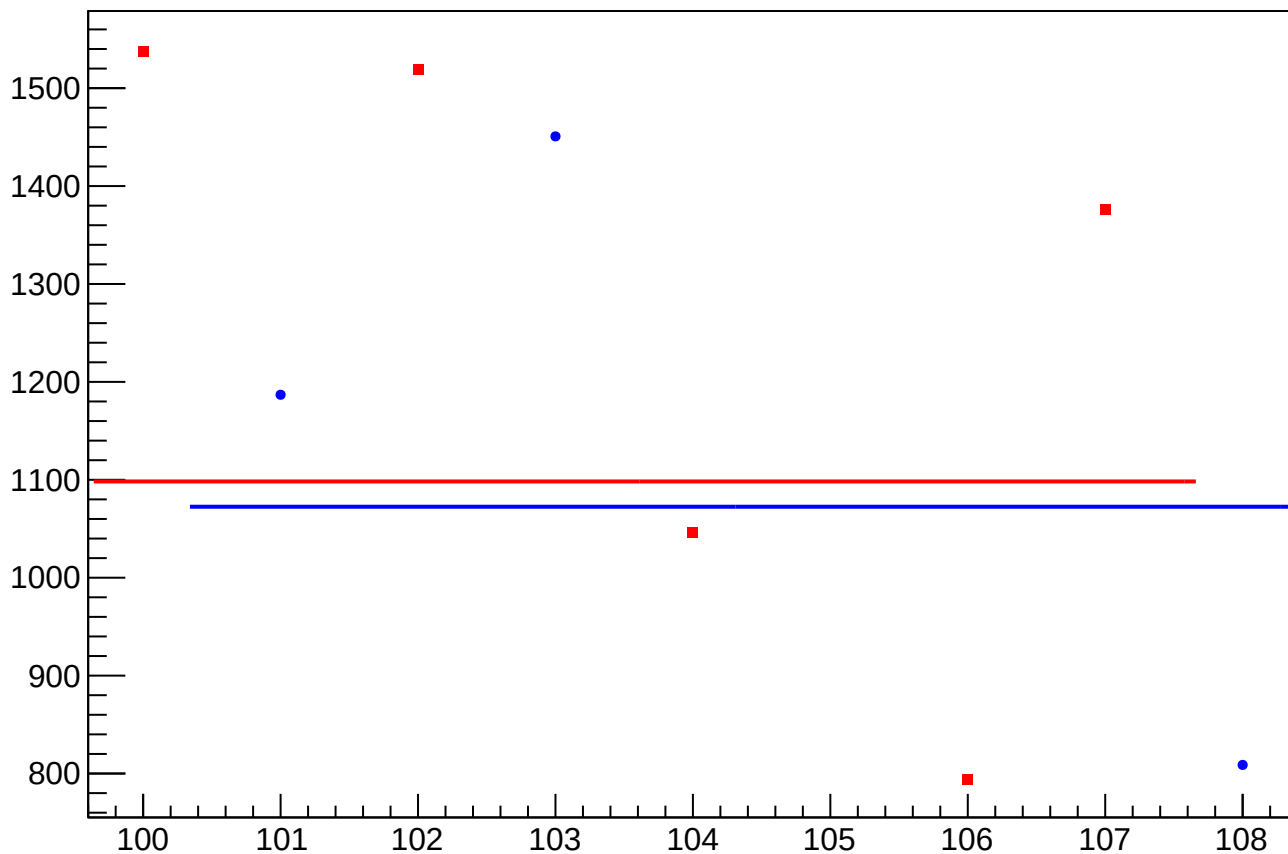
Right: 773.400+/-625.782 χ^2/NDF : 1.6/7

In: 636.710+/-861.473 χ^2/NDF : 0.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 773.400+/-625.782 χ^2/NDF : 1.6/7

asym_us_dd_atlr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1072.498+/-0.609 χ^2/NDF : 175910.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1098.313+/-0.644 χ^2/NDF : 188963.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

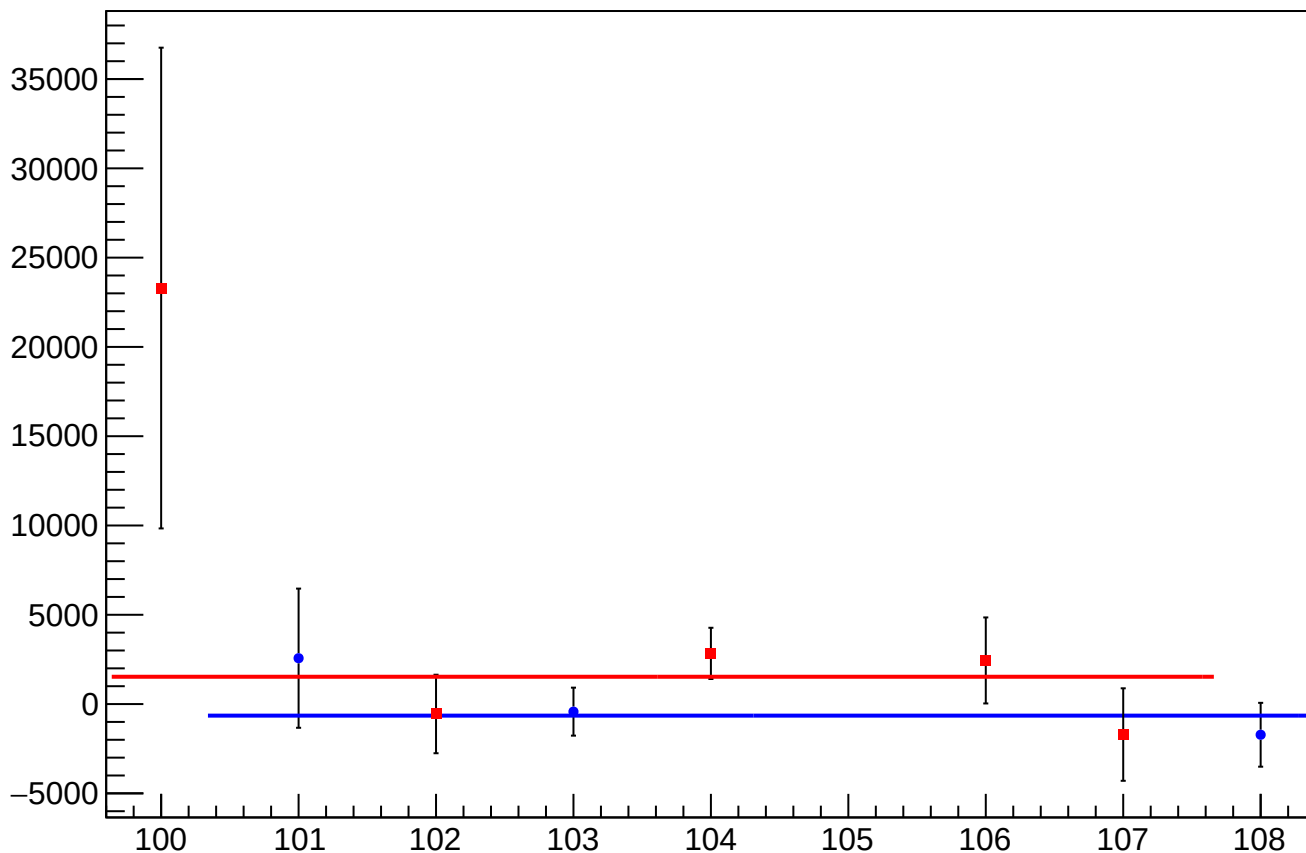
Right: 1084.691+/-0.442 χ^2/NDF : 365722.0/7

In: 1072.498+/-0.609 χ^2/NDF : 175910.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1084.691+/-0.442 χ^2/NDF : 365722.0/7

eigen_cor_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: -647.373+/-1035.490 χ^2/NDF : 1.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1529.515+/-990.035 χ^2/NDF : 6.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

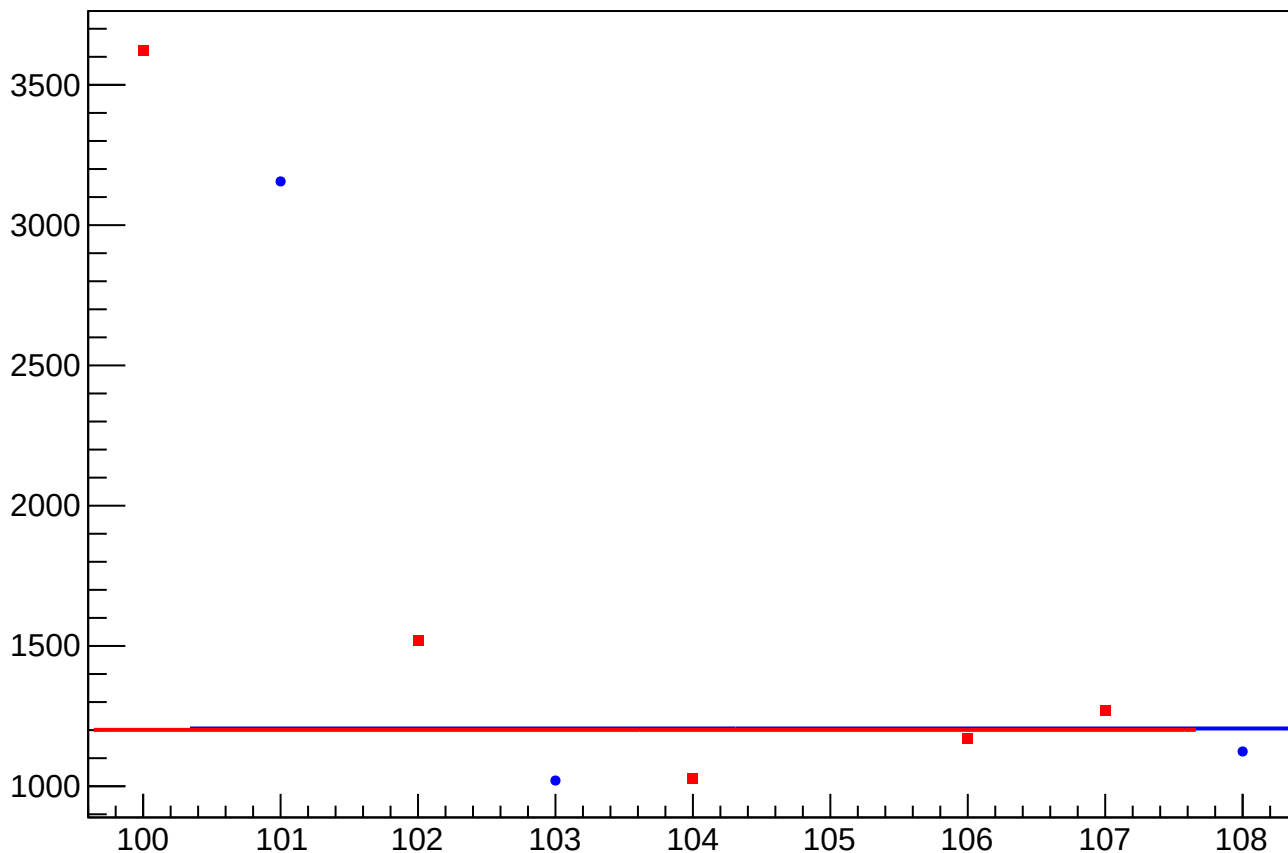
Right: 489.898+/-715.590 χ^2/NDF : 9.4/7

In: -647.373+/-1035.490 χ^2/NDF : 1.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 489.898+/-715.590 χ^2/NDF : 9.4/7

eigen_cor_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1205.839+/-0.732 χ^2/NDF : 543078.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1200.958+/-0.700 χ^2/NDF : 138004.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

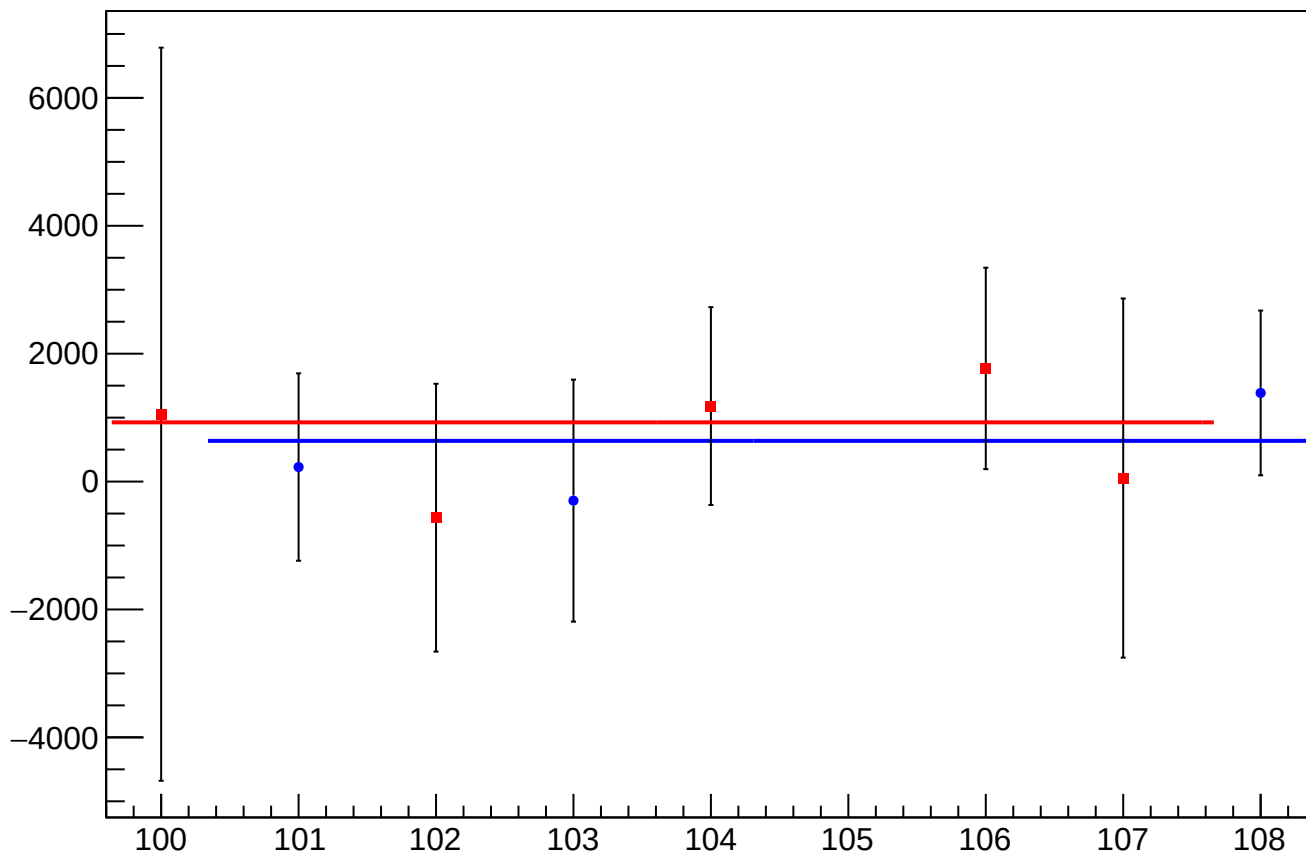
Right: 1203.289+/-0.506 χ^2/NDF : 681106.7/7

In: 1205.839+/-0.732 χ^2/NDF : 543078.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1203.289+/-0.506 χ^2/NDF : 681106.7/7

asym_us_dd_atlr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 636.710+/-861.473 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 926.106+/-910.542 χ^2/NDF : 0.9/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

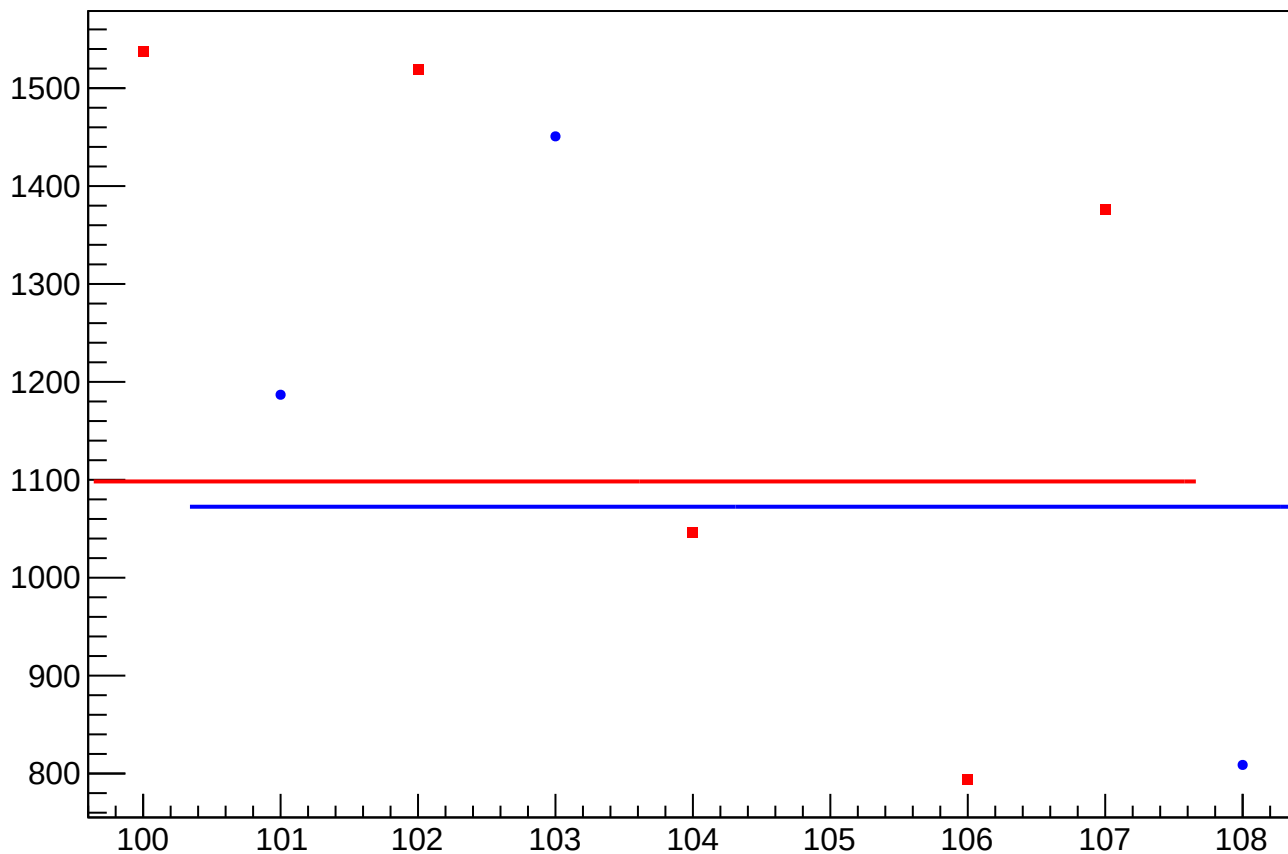
Right: 773.400+/-625.782 χ^2/NDF : 1.6/7

In: 636.710+/-861.473 χ^2/NDF :0.7/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 773.400+/-625.782 χ^2/NDF : 1.6/7

asym_us_dd_atlr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1072.498+/-0.609 χ^2/NDF : 175910.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1098.313+/-0.644 χ^2/NDF : 188963.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

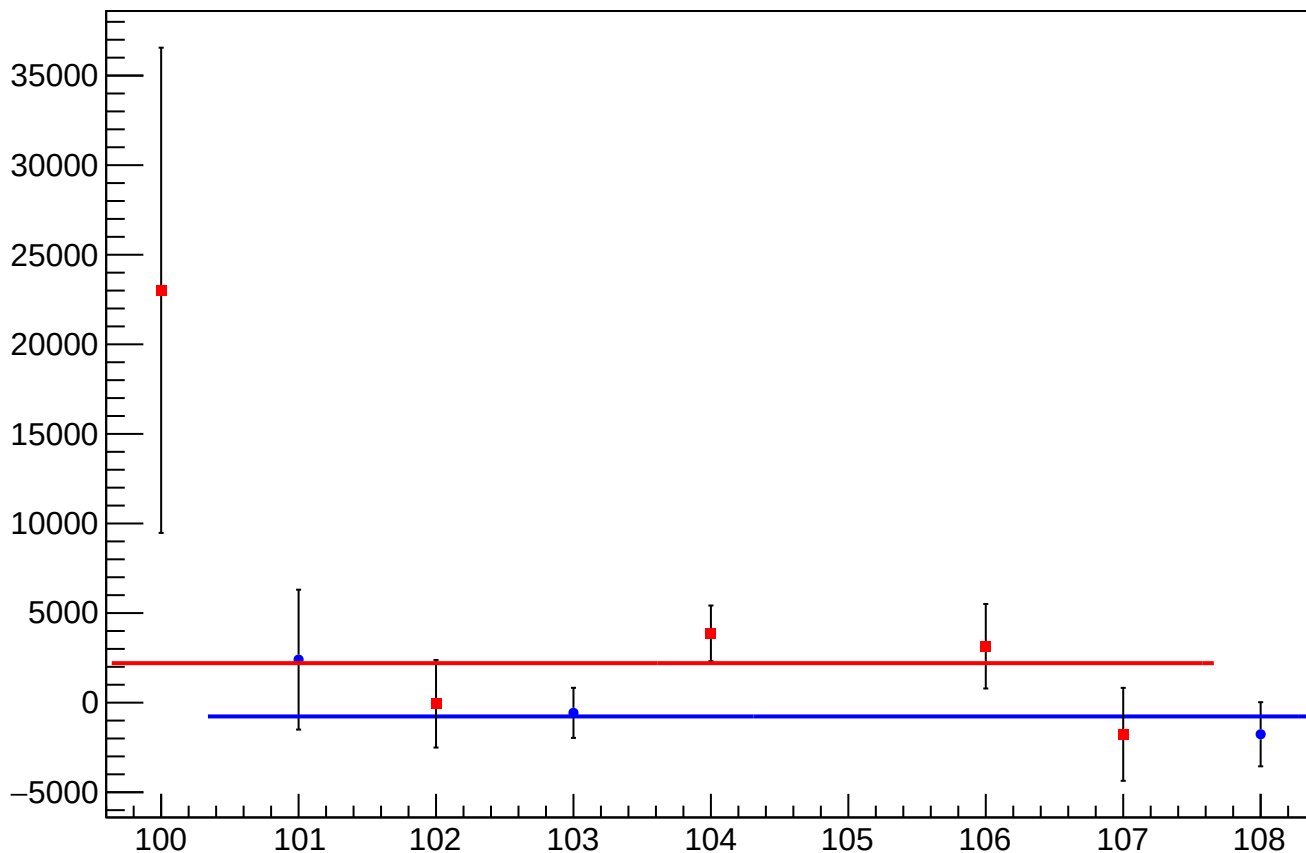
Right: 1084.691+/-0.442 χ^2/NDF : 365722.0/7

In: 1072.498+/-0.609 χ^2/NDF : 175910.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1084.691+/-0.442 χ^2/NDF : 365722.0/7

dit_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: -769.450+/-1060.147 χ^2/NDF : 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2205.762+/-1045.146 χ^2/NDF : 6.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

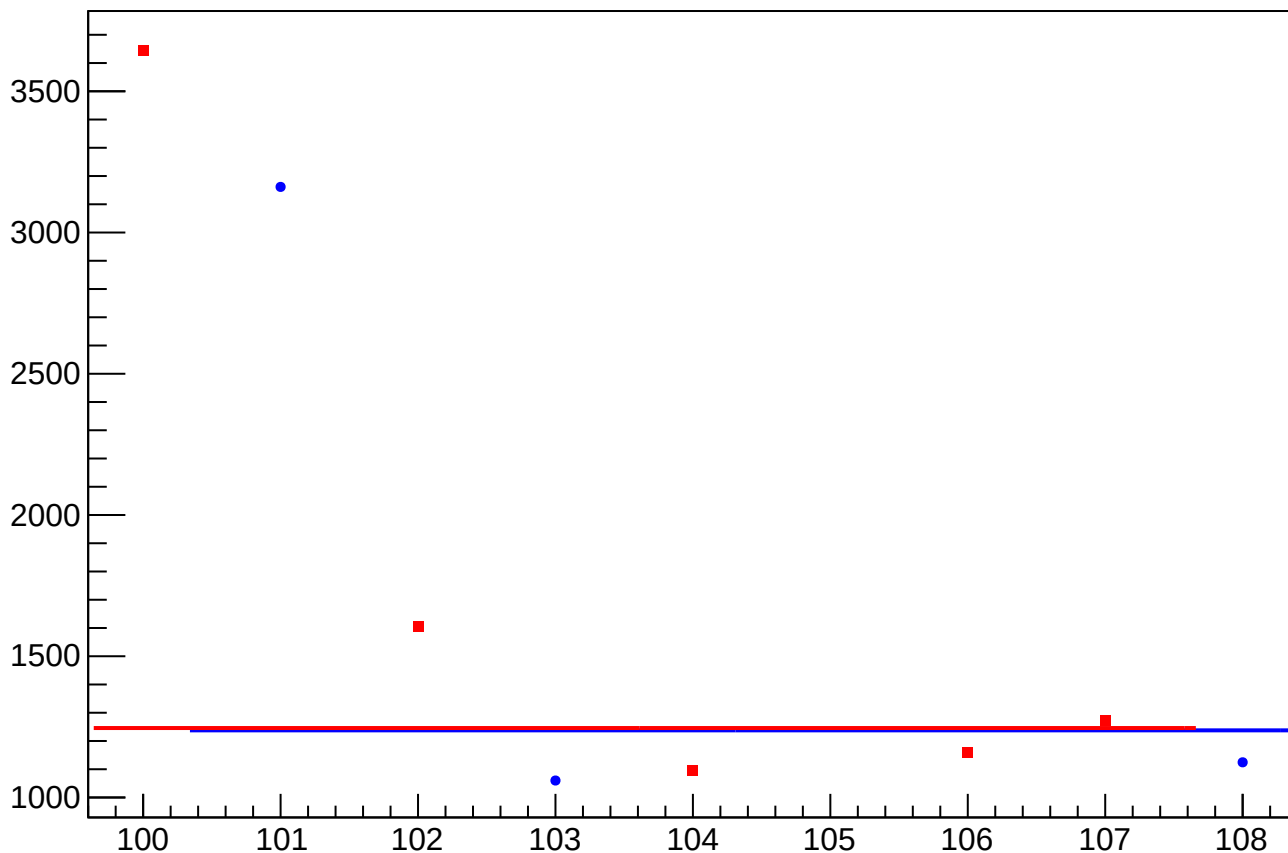
Right: 739.354+/-744.277 χ^2/NDF : 11.9/7

In: -769.450+/-1060.147 χ^2/NDF : 1.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 739.354+/-744.277 χ^2/NDF : 11.9/7

dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1237.659+/-0.750 χ^2/NDF : 525935.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1245.871+/-0.739 χ^2/NDF : 127941.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

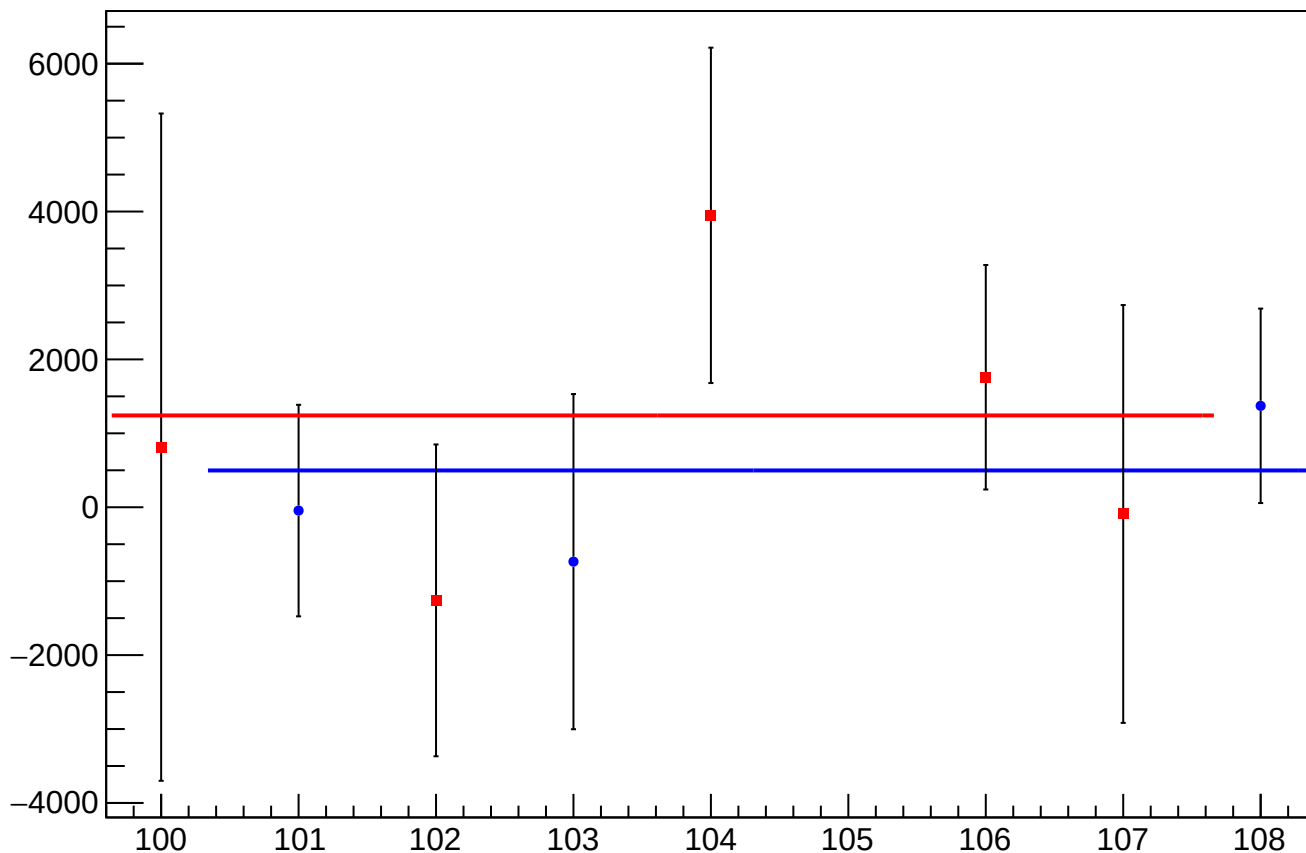
Right: 1241.824+/-0.526 χ^2/NDF : 653937.6/7

In: 1237.659+/-0.750 χ^2/NDF : 525935.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1241.824+/-0.526 χ^2/NDF : 653937.6/7

asym_us_dd_atlr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 497.860+/-890.453 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1241.729+/-986.652 χ^2/NDF : 3.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

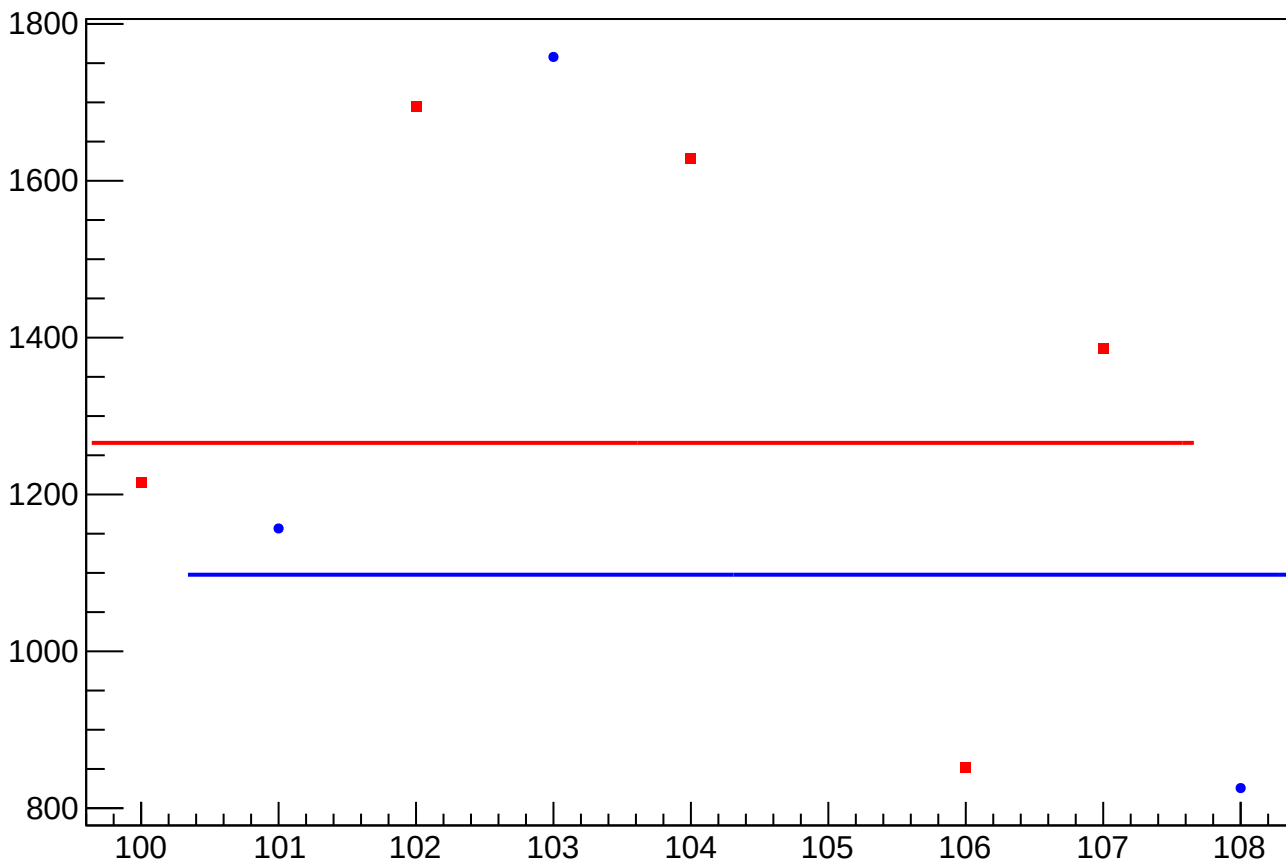
Right: 831.772+/-661.046 χ^2/NDF : 4.4/7

In: 497.860+/-890.453 χ^2/NDF : 0.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 831.772+/-661.046 χ^2/NDF : 4.4/7

asym_us_dd_atlr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1097.699+/-0.630 χ^2/NDF : 258613.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1265.820+/-0.698 χ^2/NDF : 286026.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

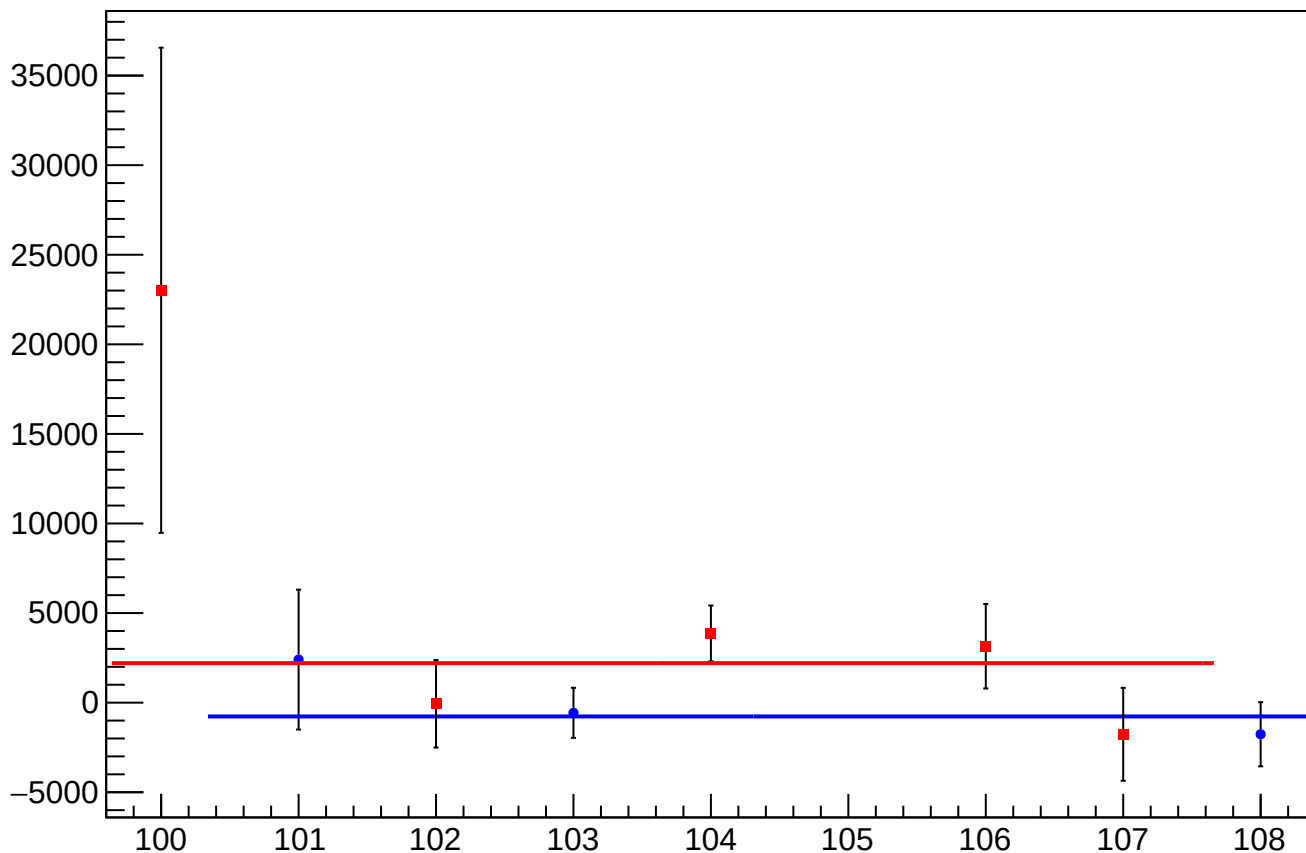
Right: 1173.166+/-0.467 χ^2/NDF : 576642.7/7

In: 1097.699+/-0.630 χ^2/NDF : 258613.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1173.166+/-0.467 χ^2/NDF : 576642.7/7

eigen_dit_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: -769.451+/-1060.147 χ^2/NDF : 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2205.766+/-1045.146 χ^2/NDF : 6.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

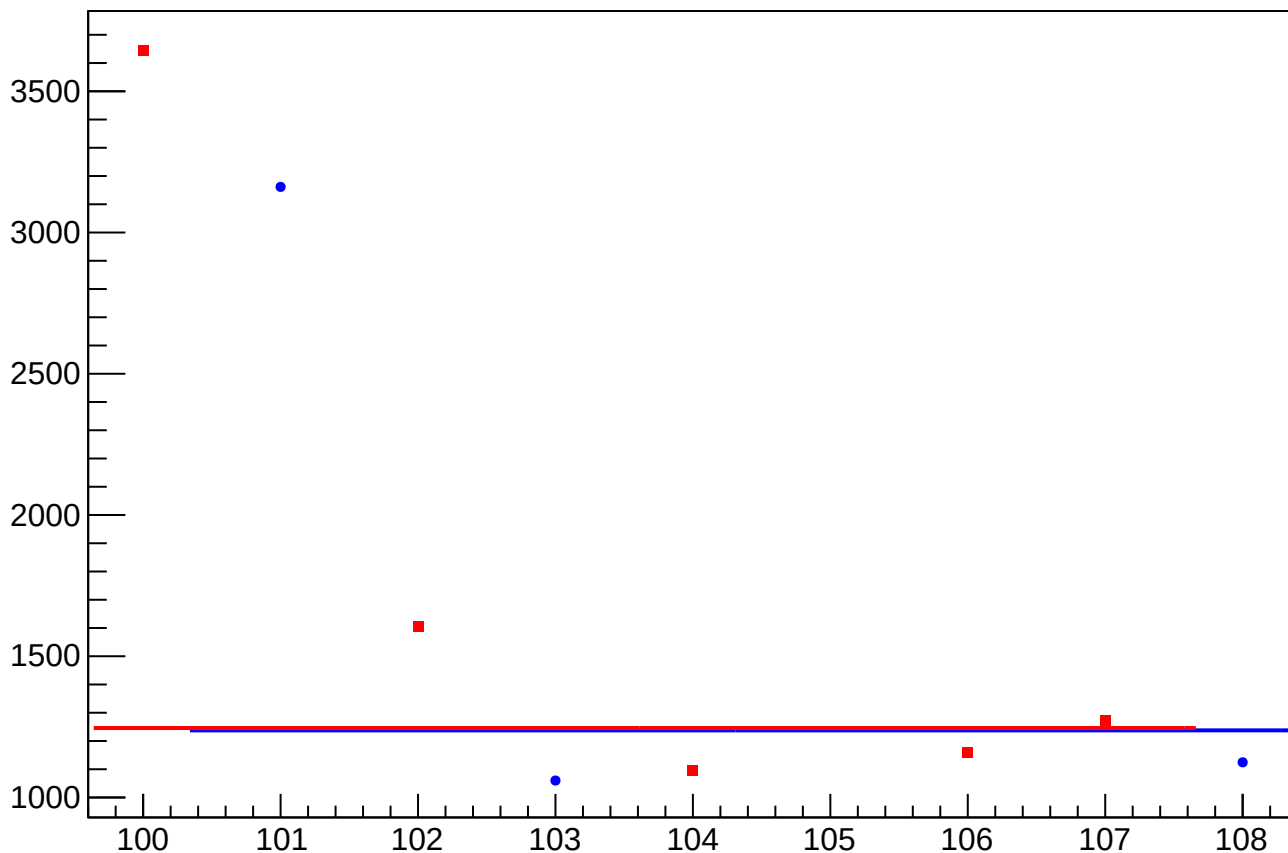
Right: 739.356+/-744.277 χ^2/NDF : 11.9/7

In: -769.451+/-1060.147 χ^2/NDF : 1.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 739.356+/-744.277 χ^2/NDF : 11.9/7

eigen_dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1237.660+/-0.750 χ^2/NDF : 525935.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1245.871+/-0.739 χ^2/NDF : 127941.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

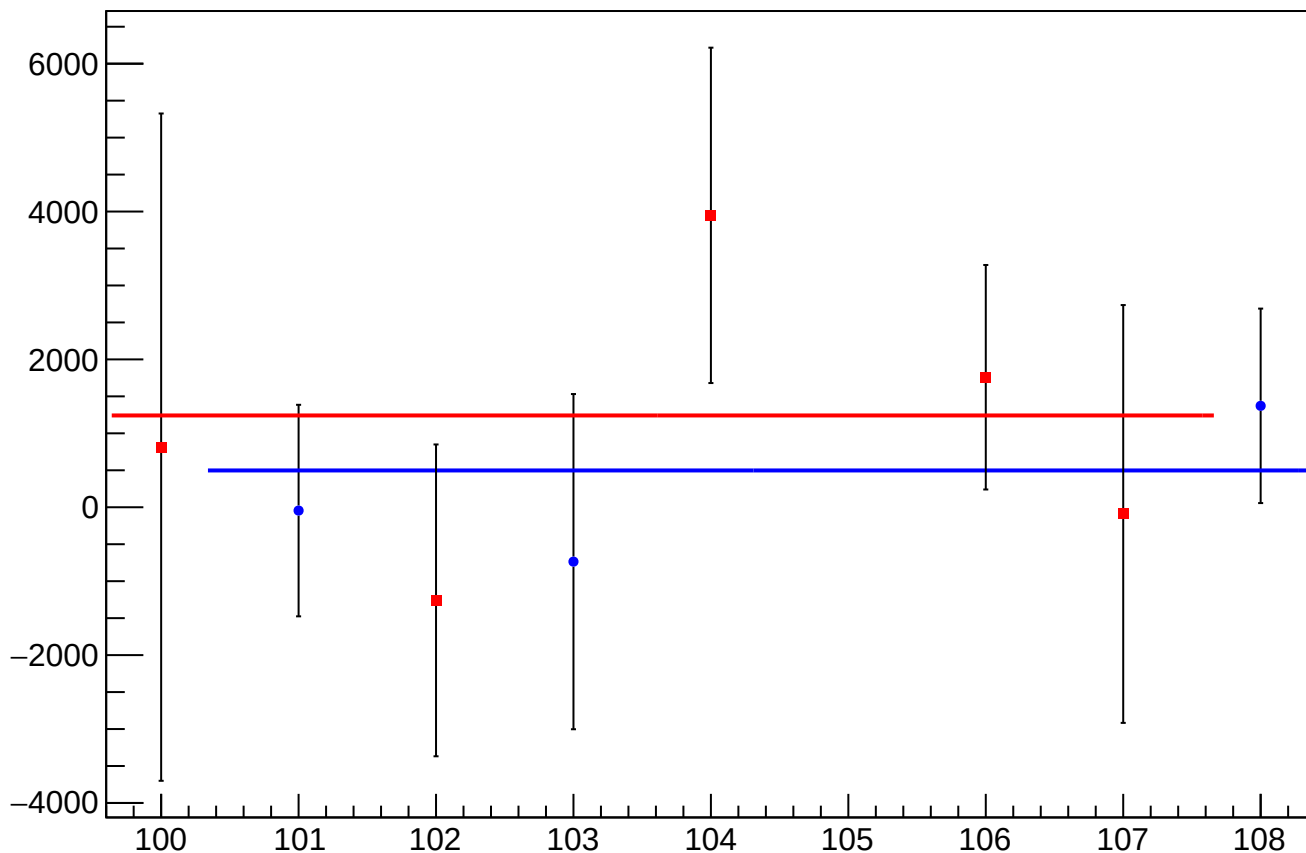
Right: 1241.824+/-0.526 χ^2/NDF : 653937.5/7

In: 1237.660+/-0.750 χ^2/NDF : 525935.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1241.824+/-0.526 χ^2/NDF : 653937.5/7

asym_us_dd_atlr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 497.850+/-890.453 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1241.735+/-986.656 χ^2/NDF : 3.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

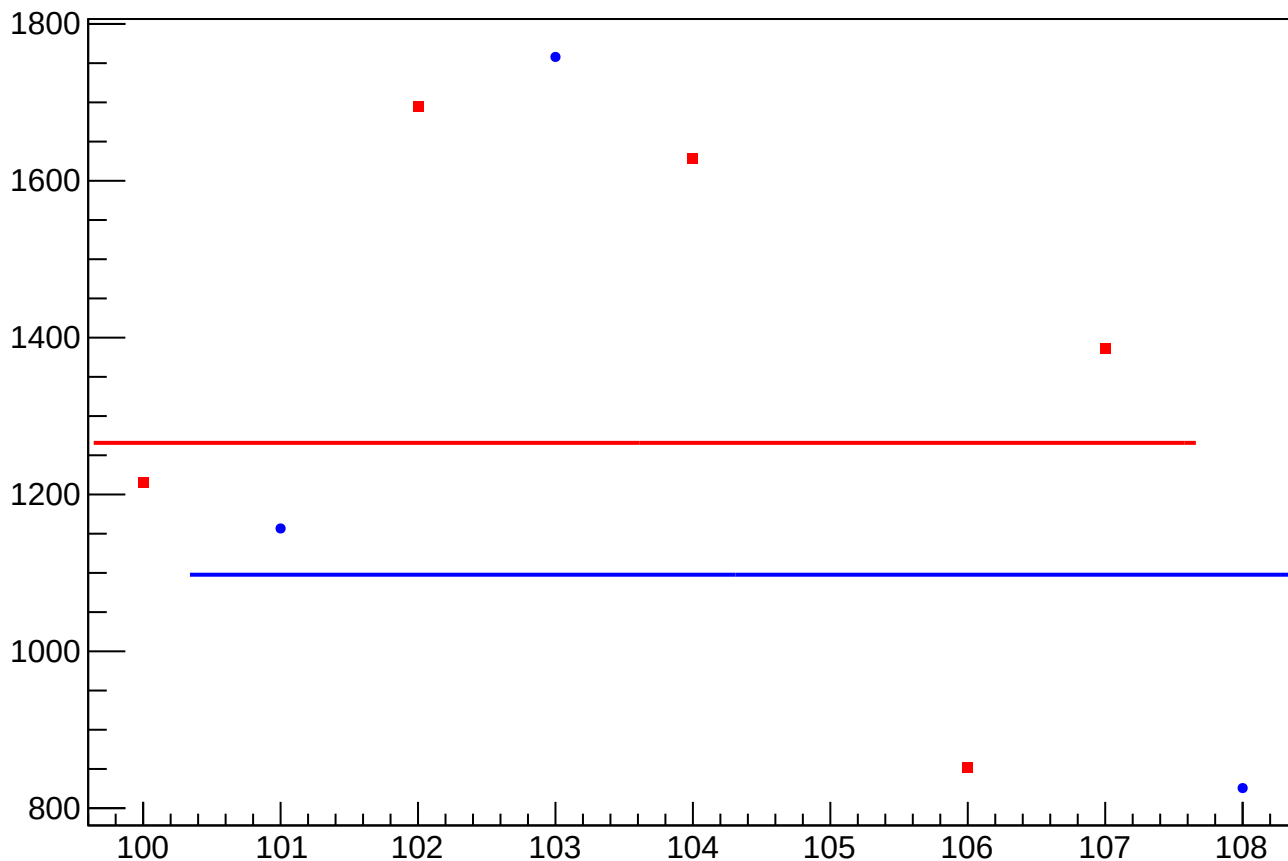
Right: 831.768+/-661.047 χ^2/NDF : 4.4/7

In: 497.850+/-890.453 χ^2/NDF : 0.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 831.768+/-661.047 χ^2/NDF : 4.4/7

asym_us_dd_atlr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1097.698+/-0.630 χ^2/NDF : 258614.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1265.825+/-0.698 χ^2/NDF : 286023.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

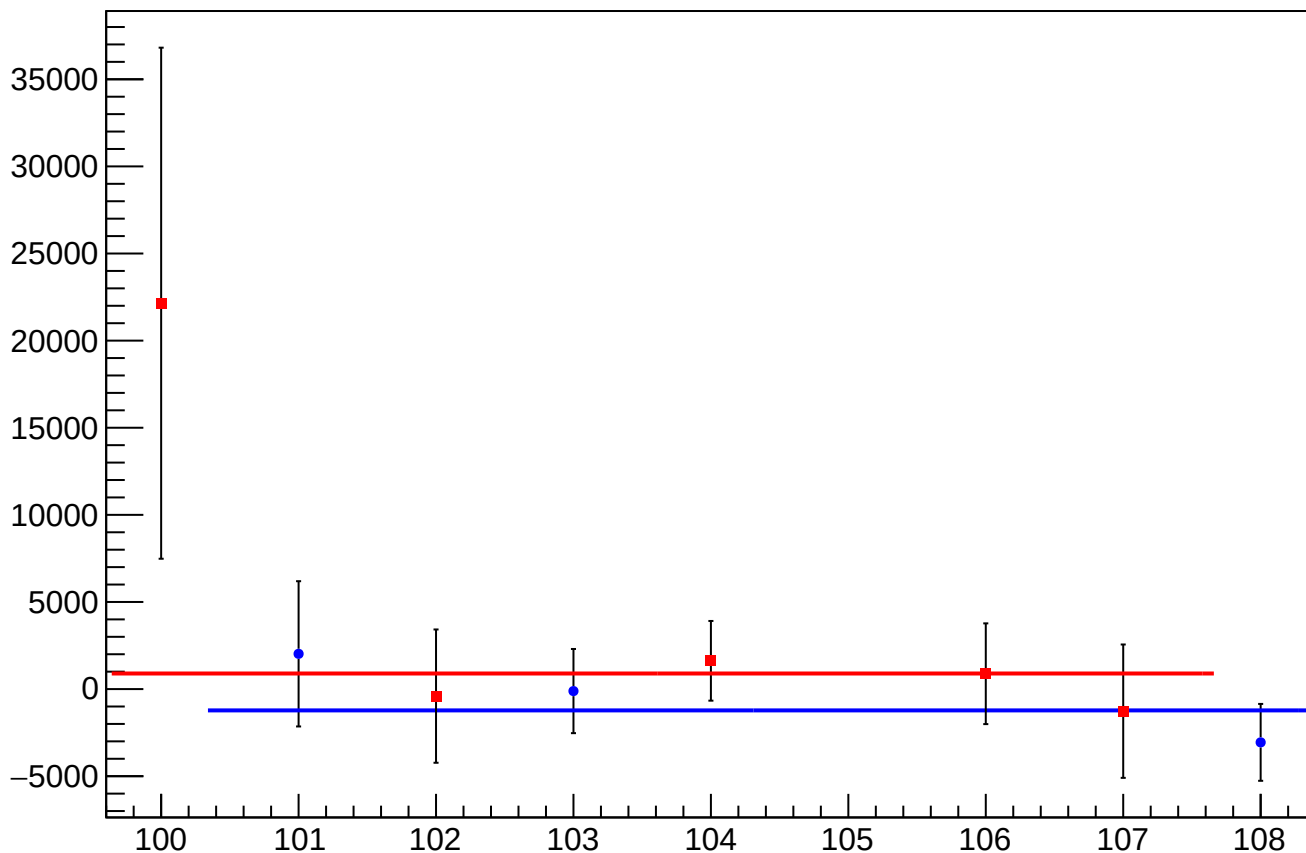
Right: 1173.168+/-0.467 χ^2/NDF : 576643.3/7

In: 1097.698+/-0.630 χ^2/NDF : 258614.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1173.168+/-0.467 χ^2/NDF : 576643.3/7

asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: -1223.316 $\pm$ 1517.375 χ^2 /NDF: 1.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 894.550 $\pm$ 1487.242 χ^2 /NDF: 2.6/4

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

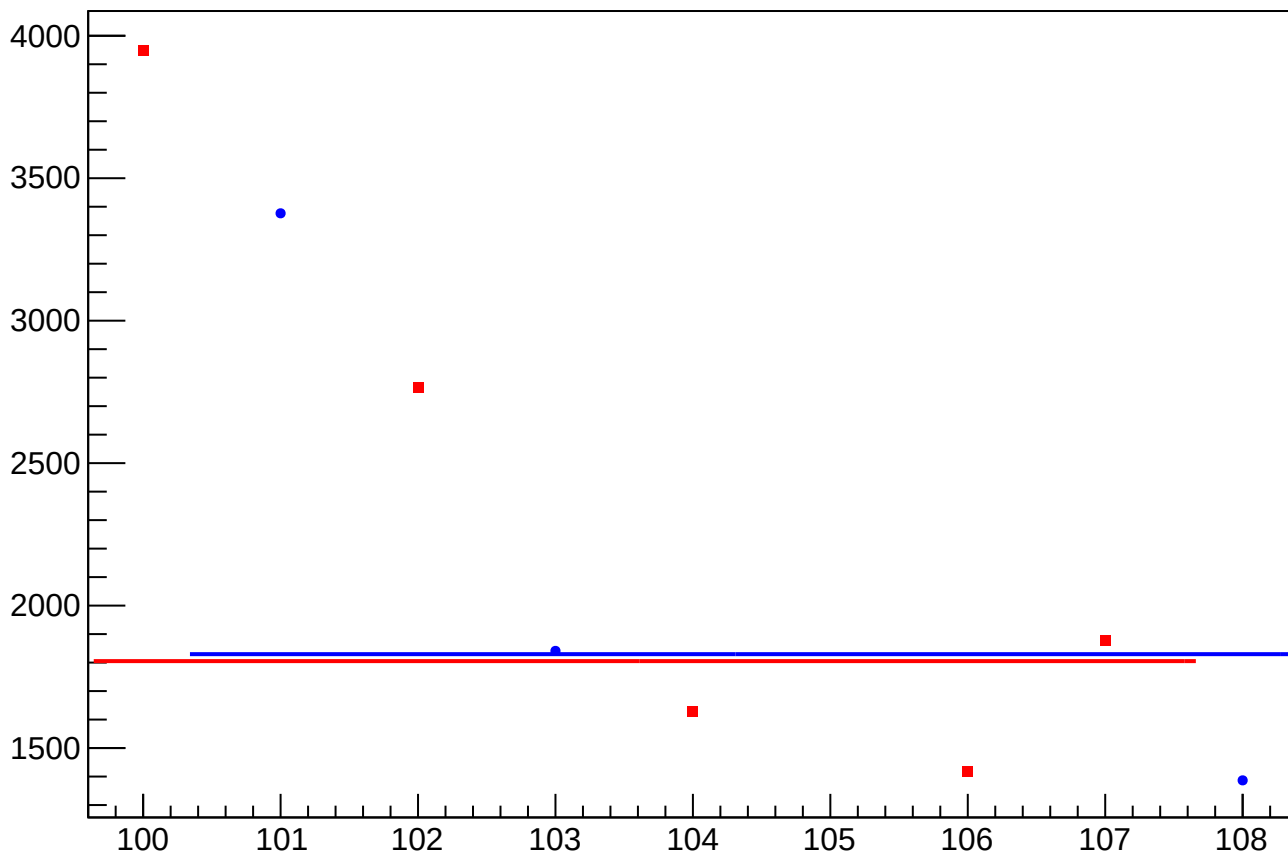
Right: -143.145 $\pm$ 1062.132 χ^2 /NDF: 5.1/7

In: -1223.316 $\pm$ 1517.375 χ^2 /NDF: 1.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -143.145 $\pm$ 1062.132 χ^2 /NDF: 5.1/7

asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1829.578+/-1.073 χ^2/NDF : 356148.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1805.160+/-1.052 χ^2/NDF : 217541.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

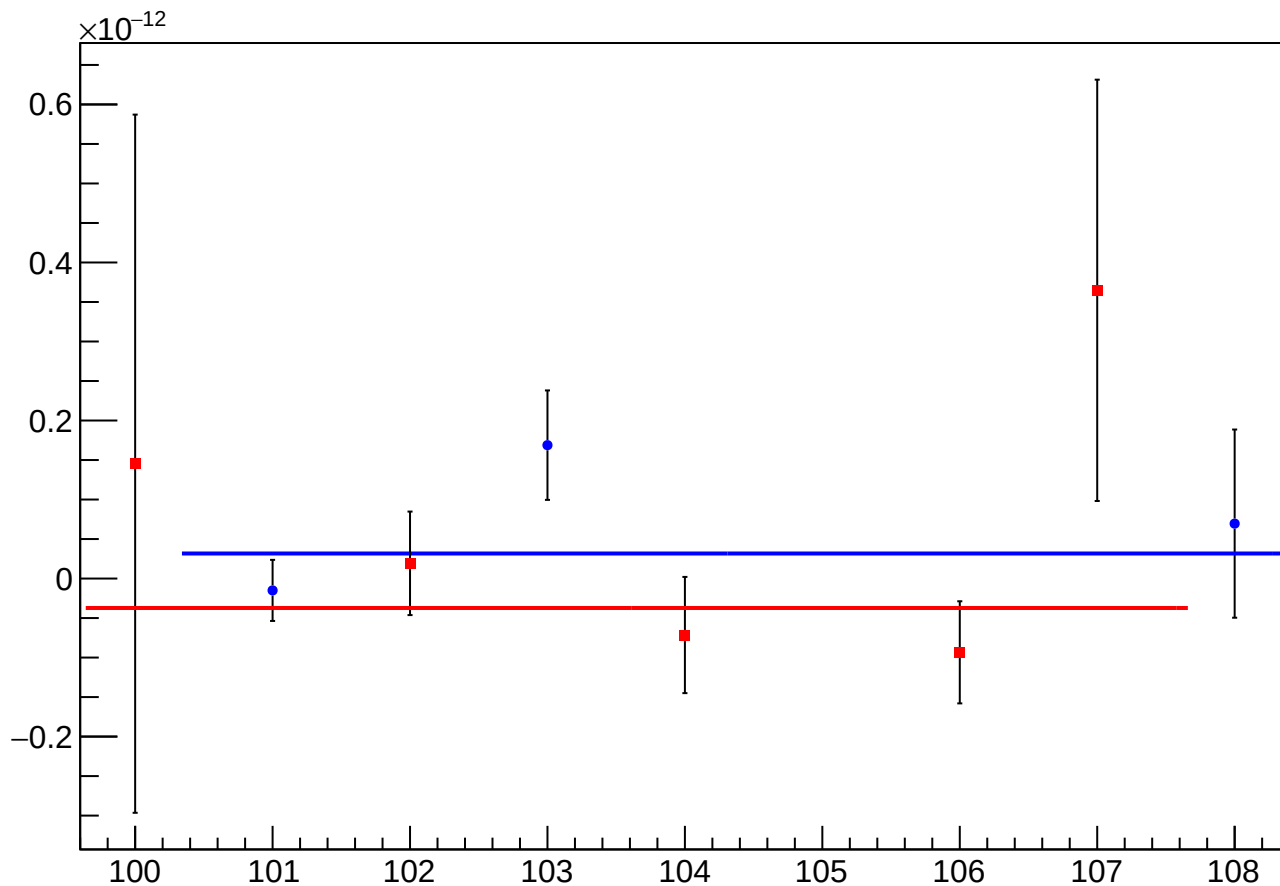
Right: 1817.124+/-0.751 χ^2/NDF : 573954.4/7

In: 1829.578+/-1.073 χ^2/NDF : 356148.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1817.124+/-0.751 χ^2/NDF : 573954.4/7

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

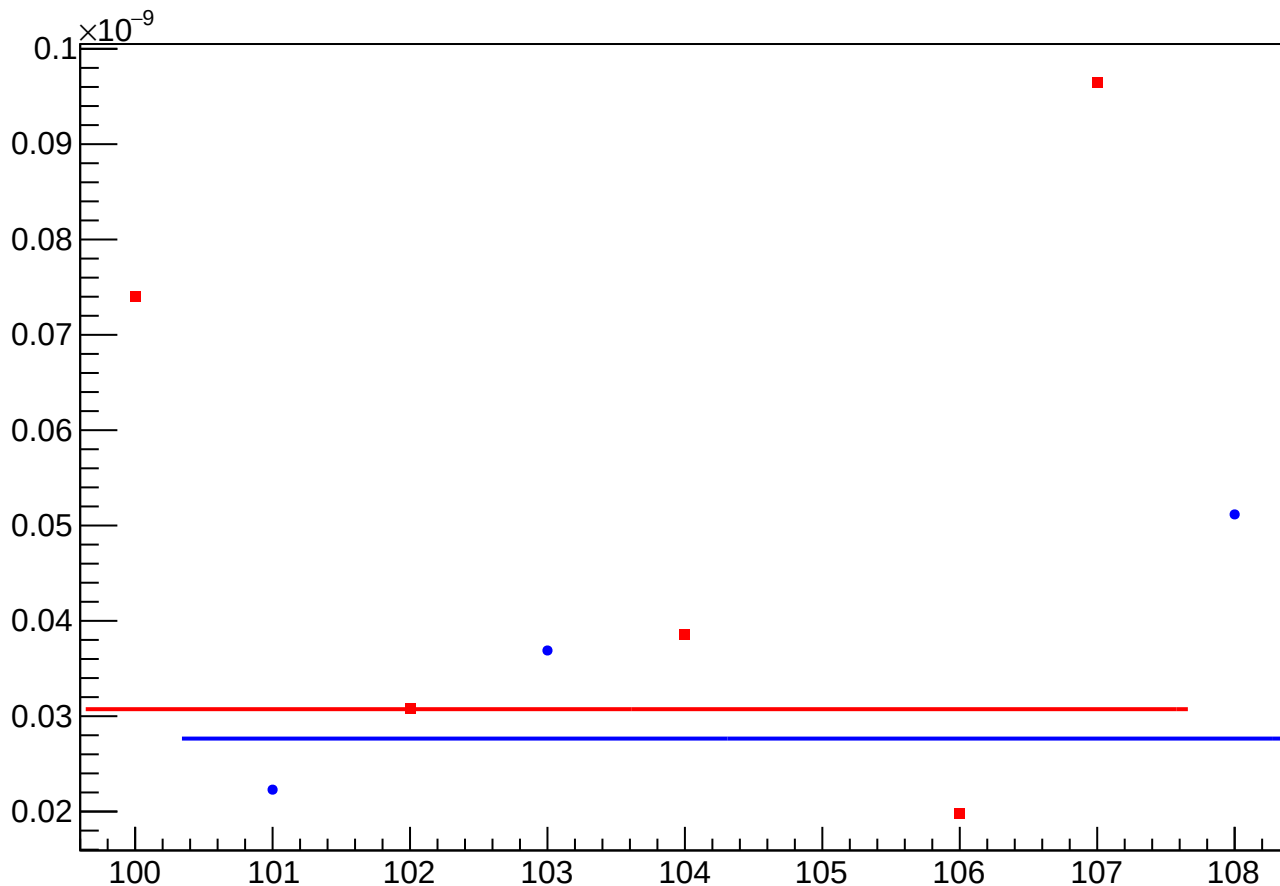
Right: 0.000+/-0.000 χ^2/NDF : 11.5/7

In: 0.000+/-0.000 χ^2/NDF : 5.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.5/7

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 151976.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 220755.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

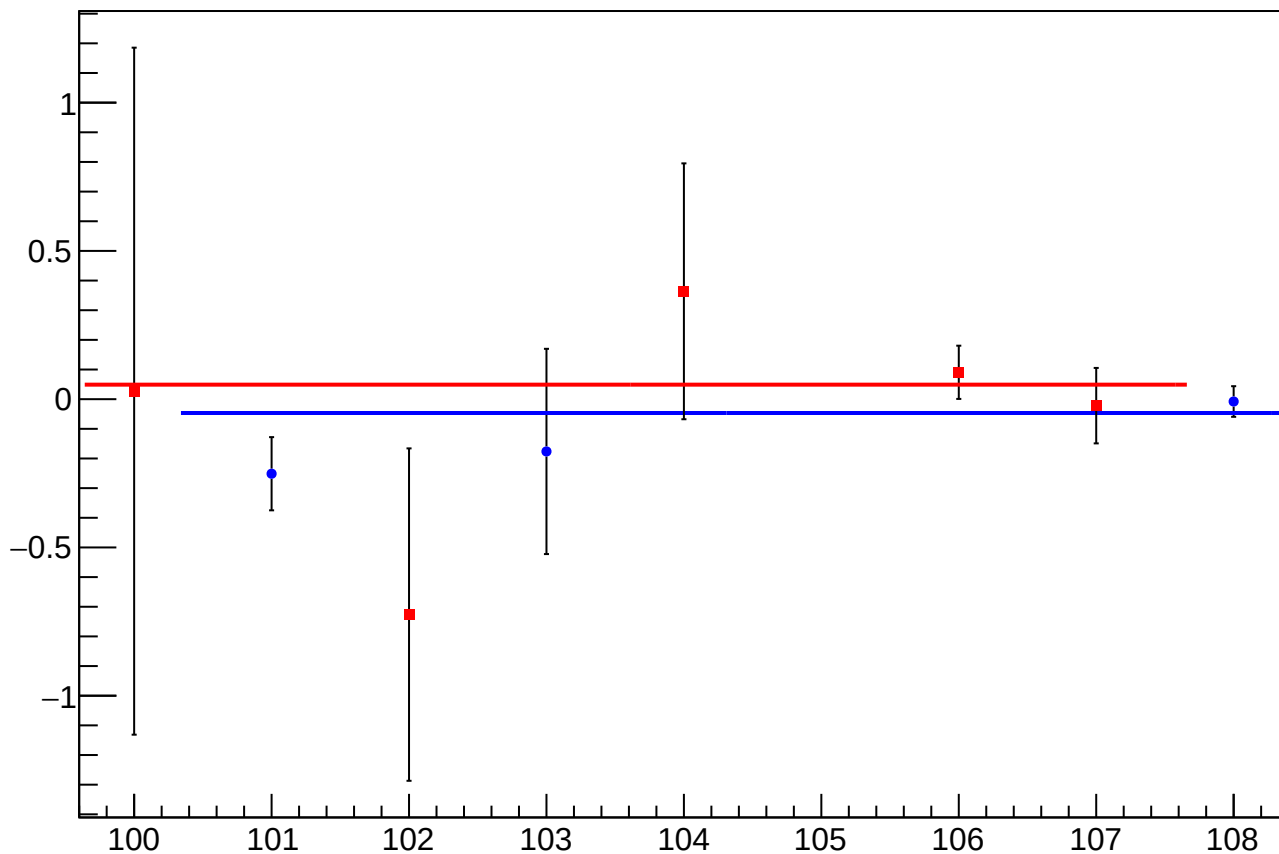
Right: 0.000+/-0.000 χ^2/NDF : 380243.7/7

In: 0.000+/-0.000 χ^2/NDF : 151976.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 380243.7/7

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.047 ± 0.047 χ^2/NDF : 3.5/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.049 ± 0.072 χ^2/NDF : 3.0/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

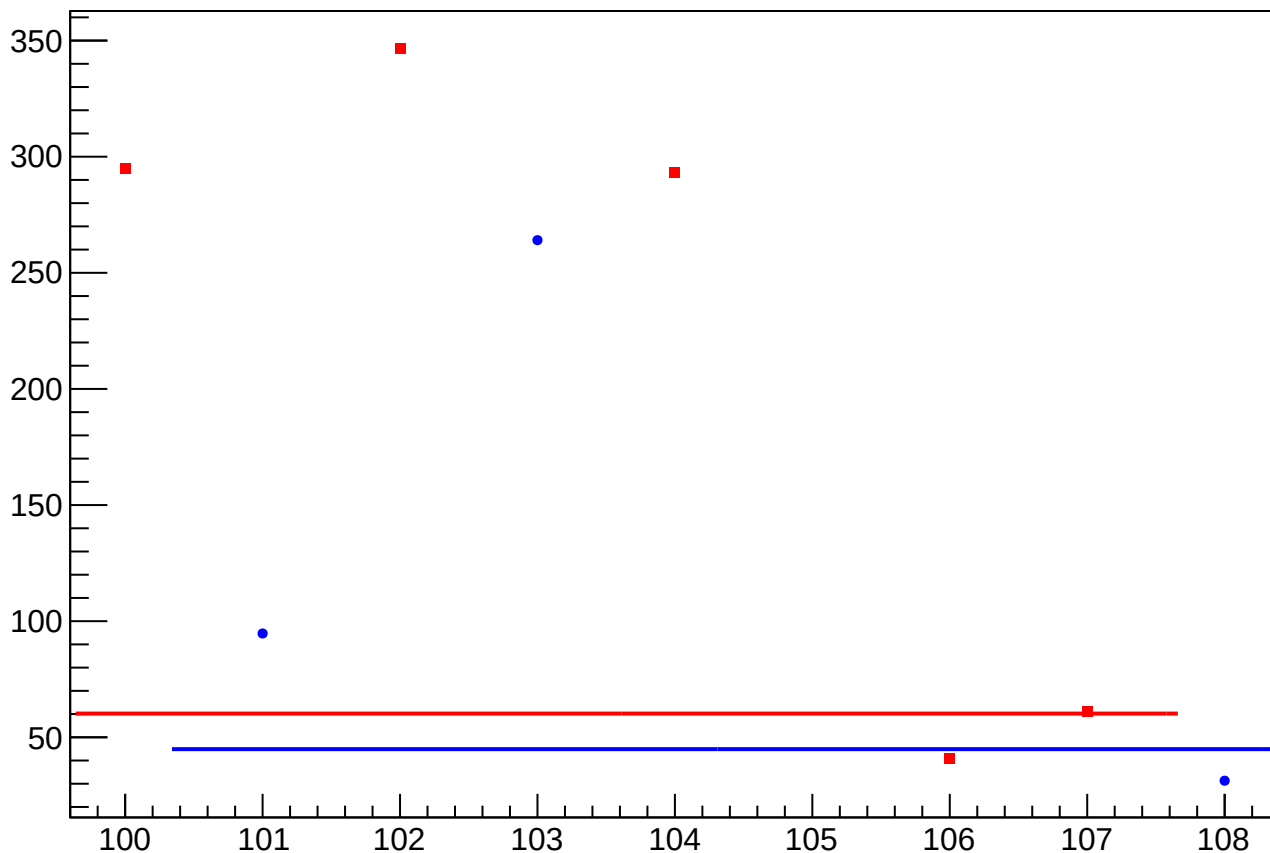
Right: -0.018 ± 0.039 χ^2/NDF : 7.7/7

In: -0.047 ± 0.047 χ^2/NDF : 3.5/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.018 ± 0.039 χ^2/NDF : 7.7/7

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.897+/-0.033 χ^2/NDF : 1266284.3/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 60.207+/-0.051 χ^2/NDF : 1277886.3/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

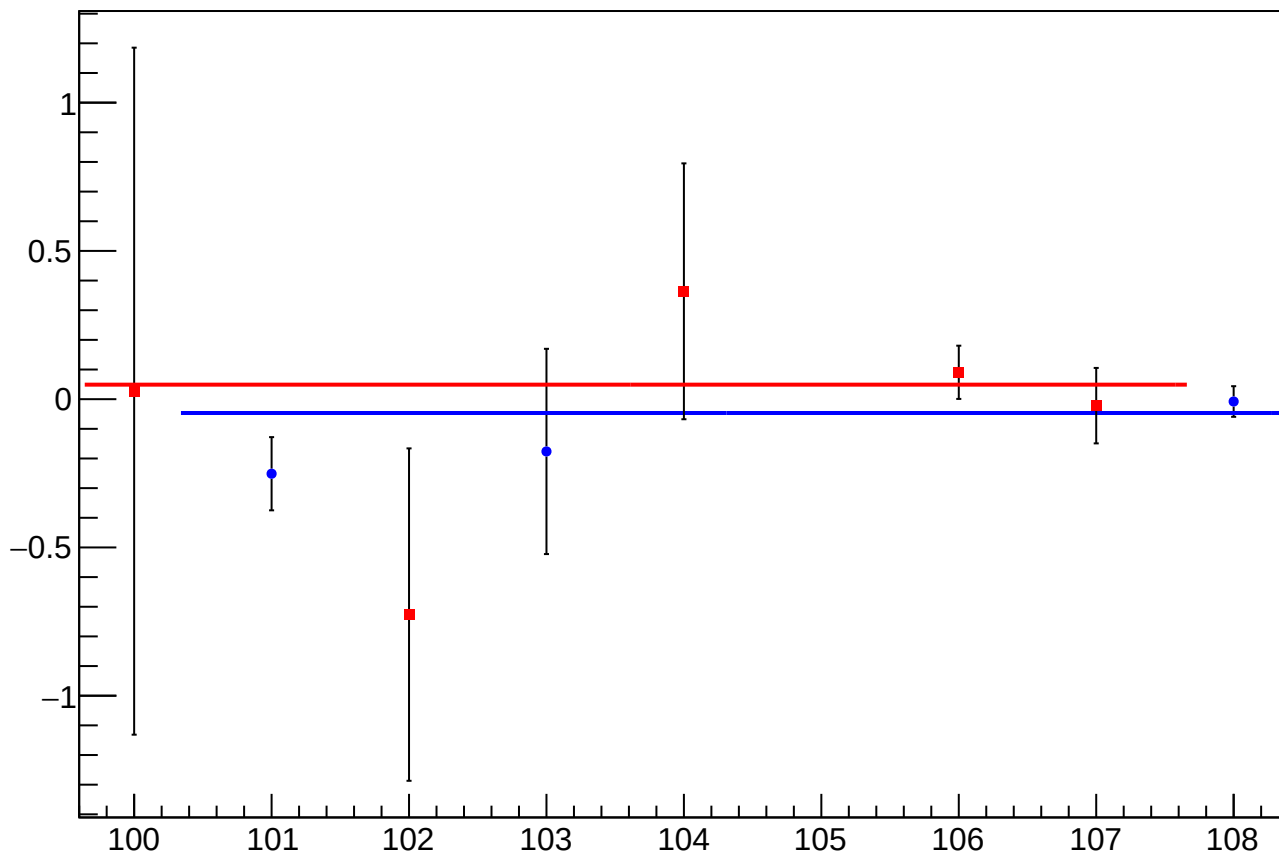
Right: 49.535+/-0.028 χ^2/NDF : 2607951.2/7

In: 44.897+/-0.033 χ^2/NDF :1266284.3/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 49.535+/-0.028 χ^2/NDF : 2607951.2/7

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.047 ± 0.047 χ^2/NDF : 3.5/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.049 ± 0.072 χ^2/NDF : 3.0/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

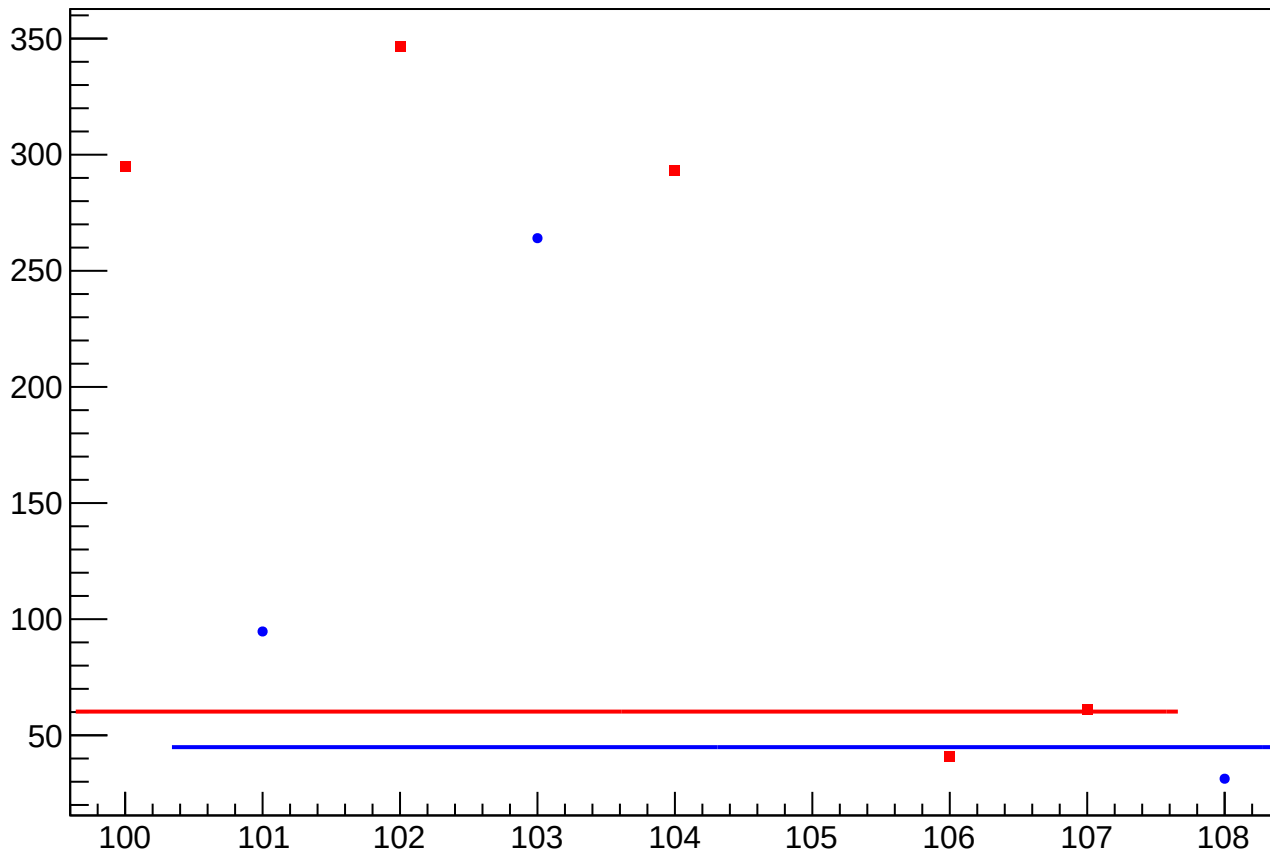
Right: -0.018 ± 0.039 χ^2/NDF : 7.7/7

In: -0.047 ± 0.047 χ^2/NDF : 3.5/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.018 ± 0.039 χ^2/NDF : 7.7/7

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.897+/-0.033 χ^2/NDF : 1266284.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.207+/-0.051 χ^2/NDF : 1277886.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

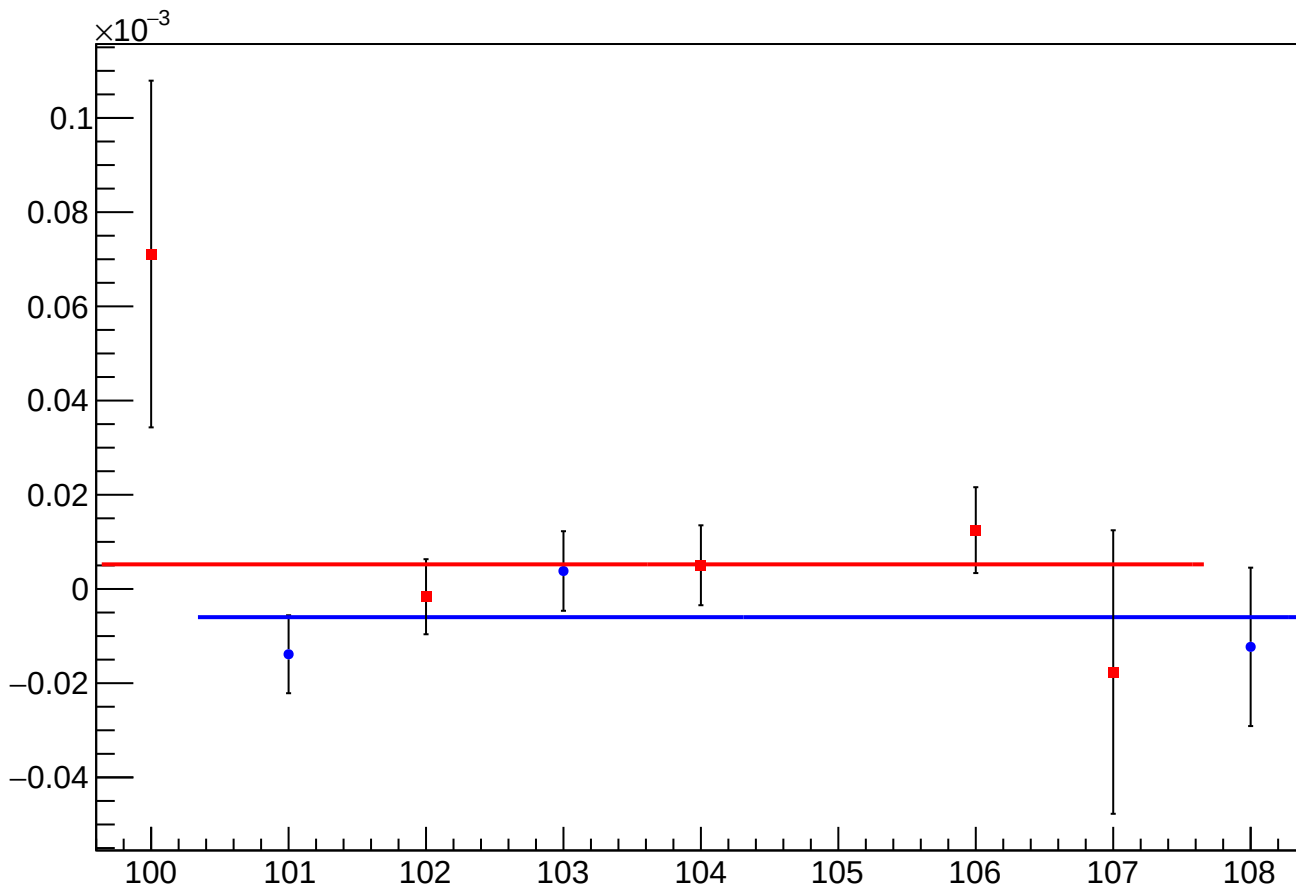
Right: 49.535+/-0.028 χ^2/NDF : 2607951.2/7

In: 44.897+/-0.033 χ^2/NDF : 1266284.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.535+/-0.028 χ^2/NDF : 2607951.2/7

asym_us_dd_atlr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.2/4

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

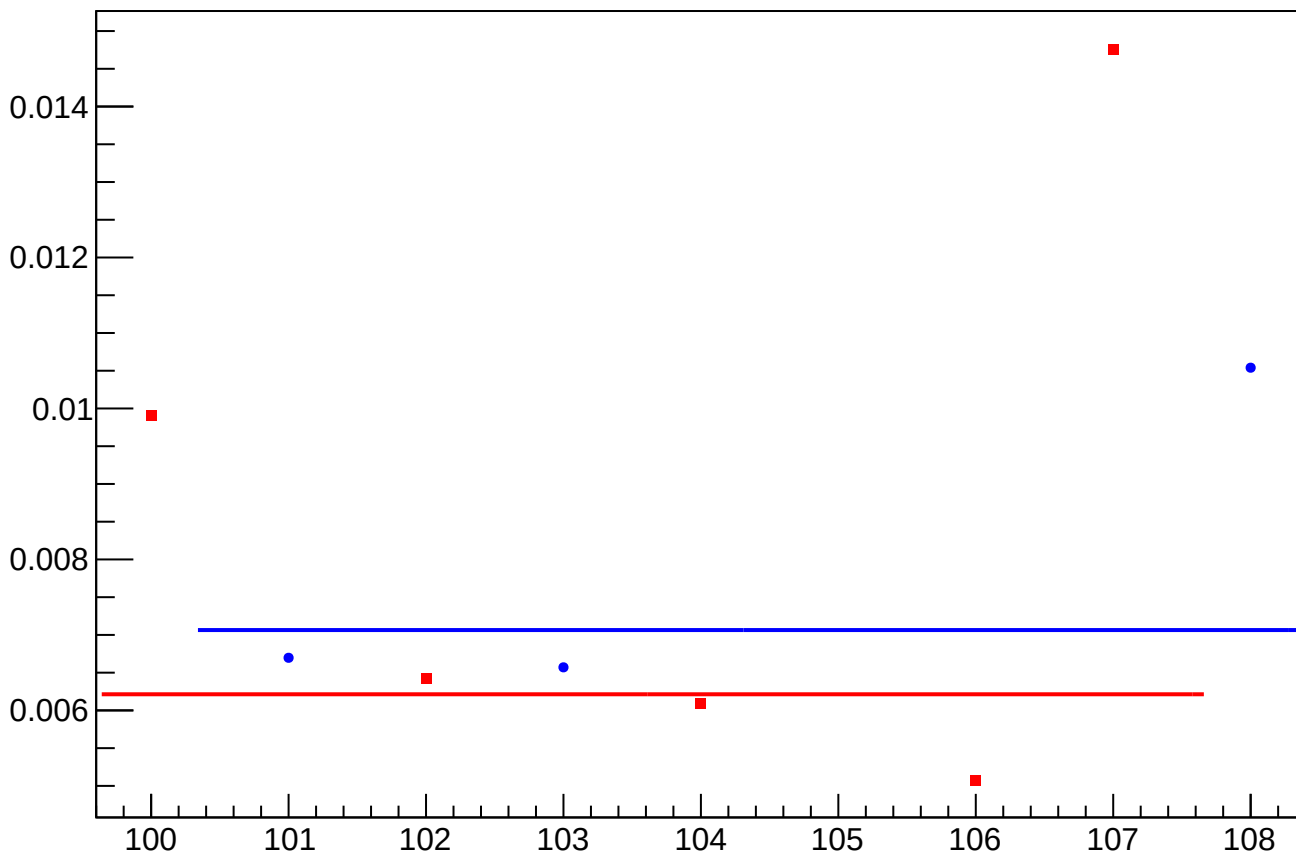
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.9/7

In: -0.000 $\pm$ 0.000 χ^2 /NDF:2.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.9/7

asym_us_dd_atlr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 96227.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 214345.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

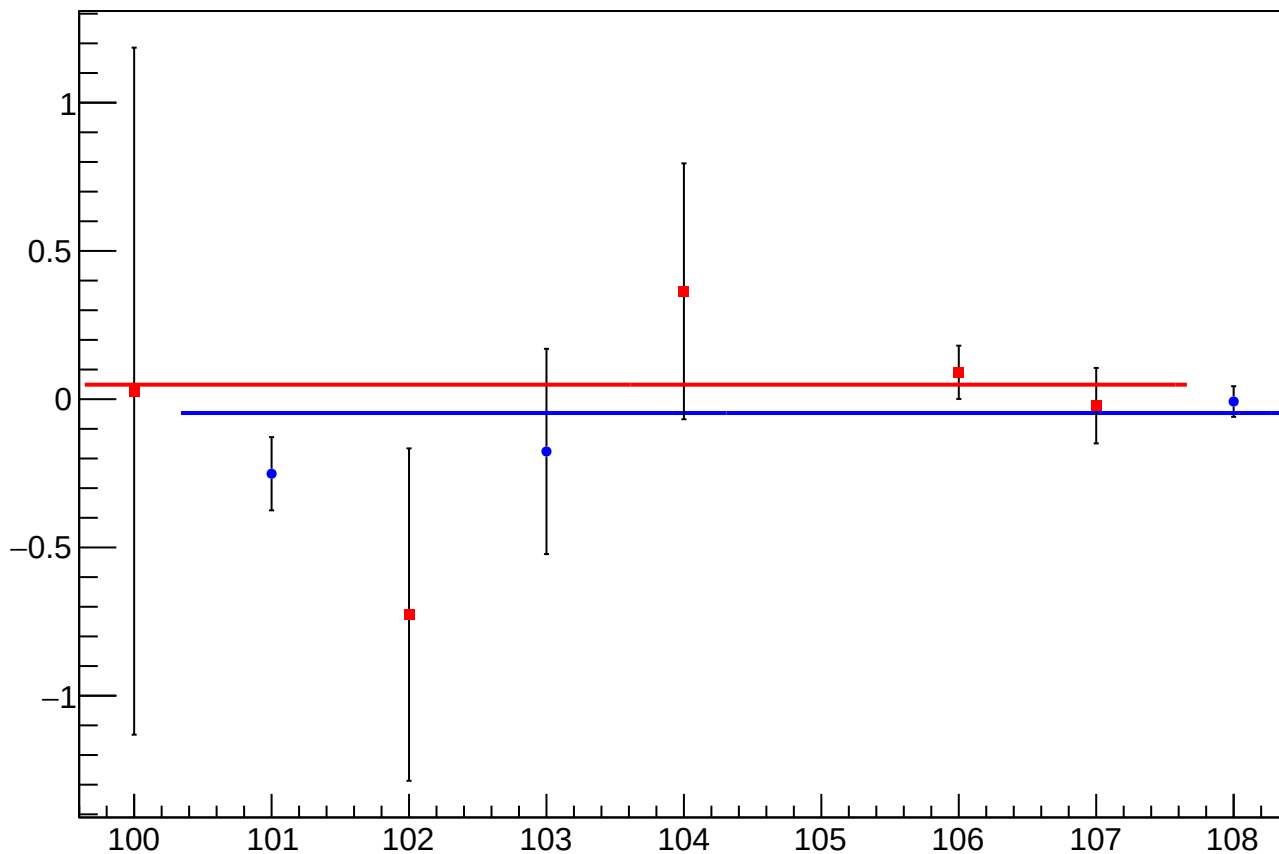
Right: 0.007+/-0.000 χ^2/NDF : 337348.4/7

In: 0.007+/-0.000 χ^2/NDF : 96227.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 337348.4/7

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.047 $\pm$ 0.047 χ^2 /NDF: 3.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.049 $\pm$ 0.072 χ^2 /NDF: 3.0/4

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

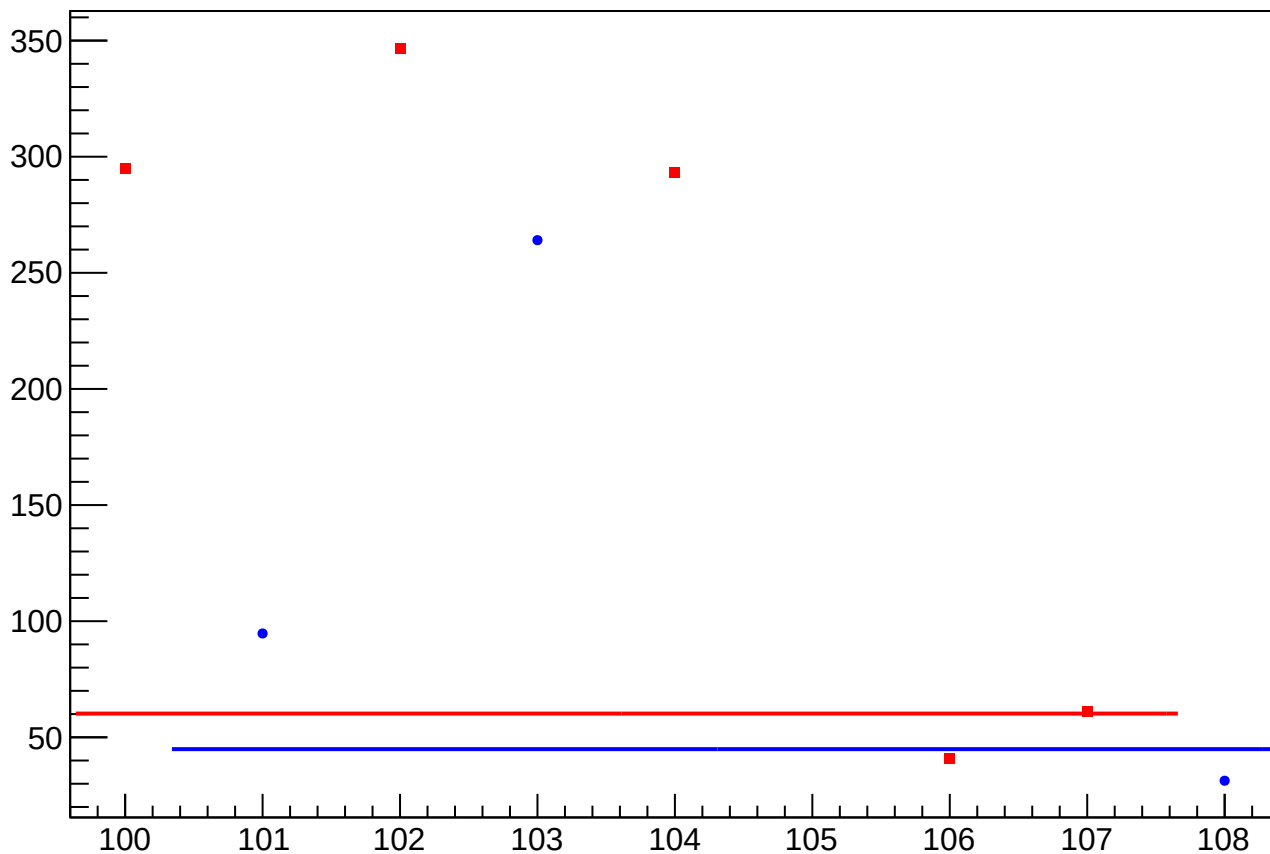
Right: -0.018 $\pm$ 0.039 χ^2 /NDF: 7.7/7

In: -0.047 $\pm$ 0.047 χ^2 /NDF:3.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.039 χ^2 /NDF: 7.7/7

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.902 $\pm$ 0.033 χ^2 /NDF: 1266216.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 60.212 $\pm$ 0.051 χ^2 /NDF: 1277842.0/4

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

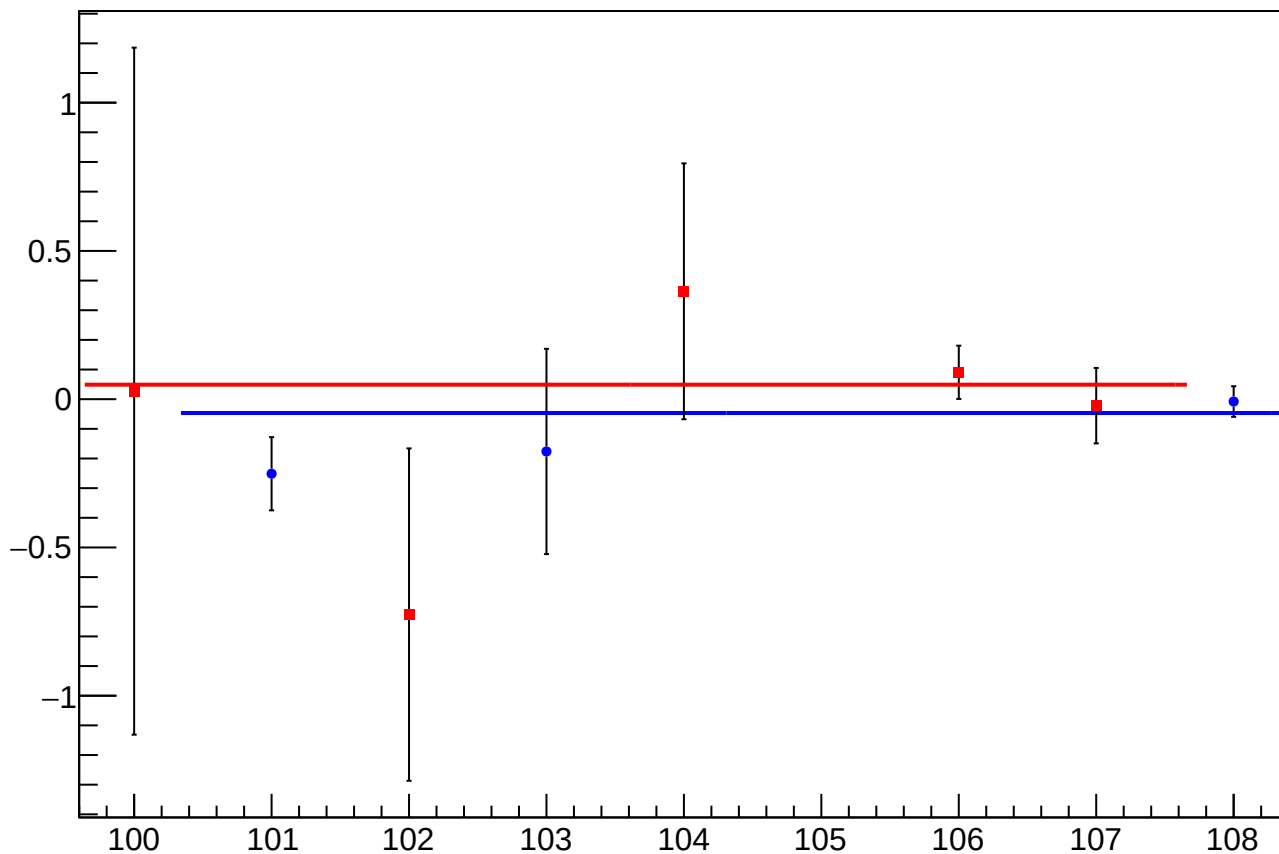
Right: 49.540 $\pm$ 0.028 χ^2 /NDF: 2607833.5/7

In: 44.902 $\pm$ 0.033 χ^2 /NDF:1266216.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 49.540 $\pm$ 0.028 χ^2 /NDF: 2607833.5/7

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.047 ± 0.047 χ^2/NDF : 3.5/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.049 ± 0.072 χ^2/NDF : 3.0/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

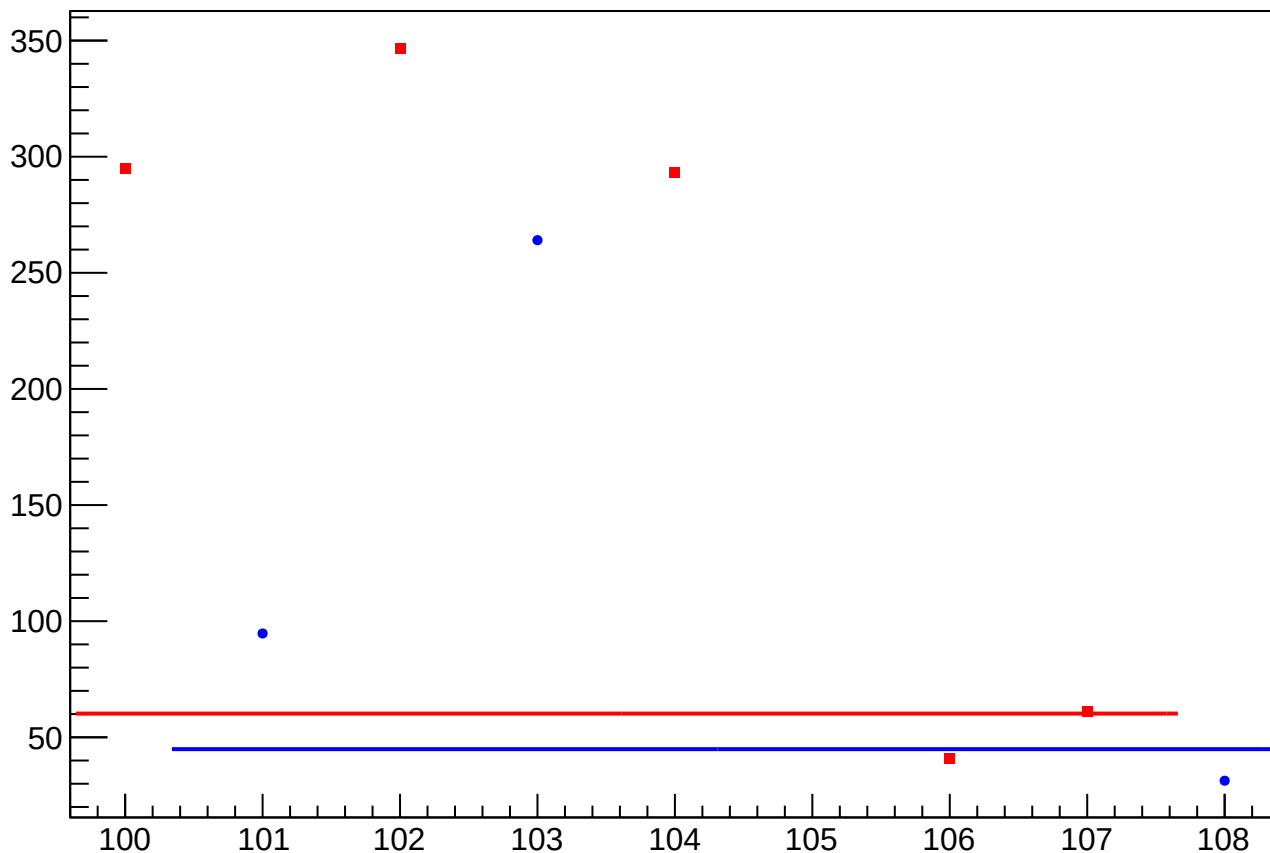
Right: -0.018 ± 0.039 χ^2/NDF : 7.7/7

In: -0.047 ± 0.047 χ^2/NDF : 3.5/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.018 ± 0.039 χ^2/NDF : 7.7/7

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.902+/-0.033 χ^2/NDF : 1266216.7/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 60.212+/-0.051 χ^2/NDF : 1277842.0/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

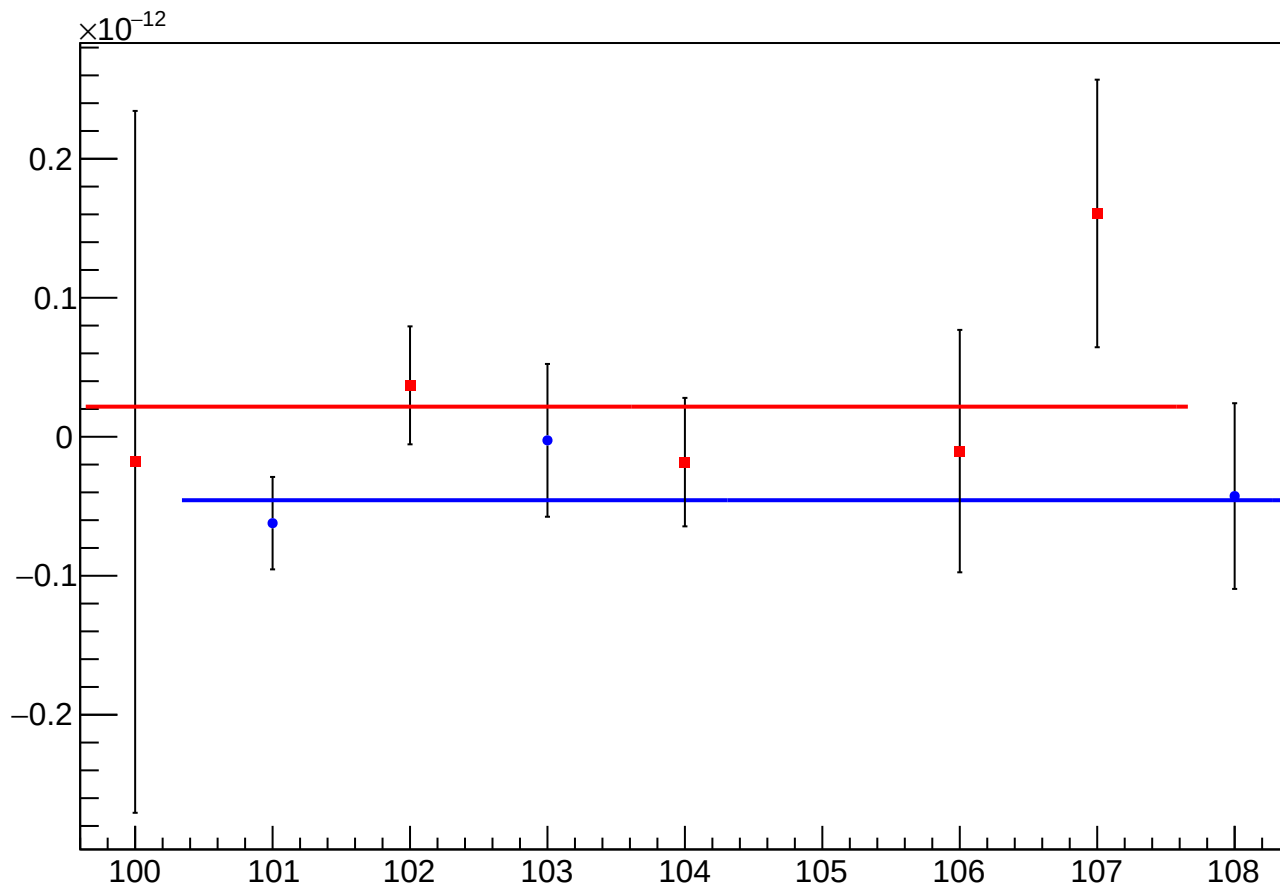
Right: 49.540+/-0.028 χ^2/NDF : 2607833.5/7

In: 44.902+/-0.033 χ^2/NDF :1266216.7/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 49.540+/-0.028 χ^2/NDF : 2607833.5/7

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 : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

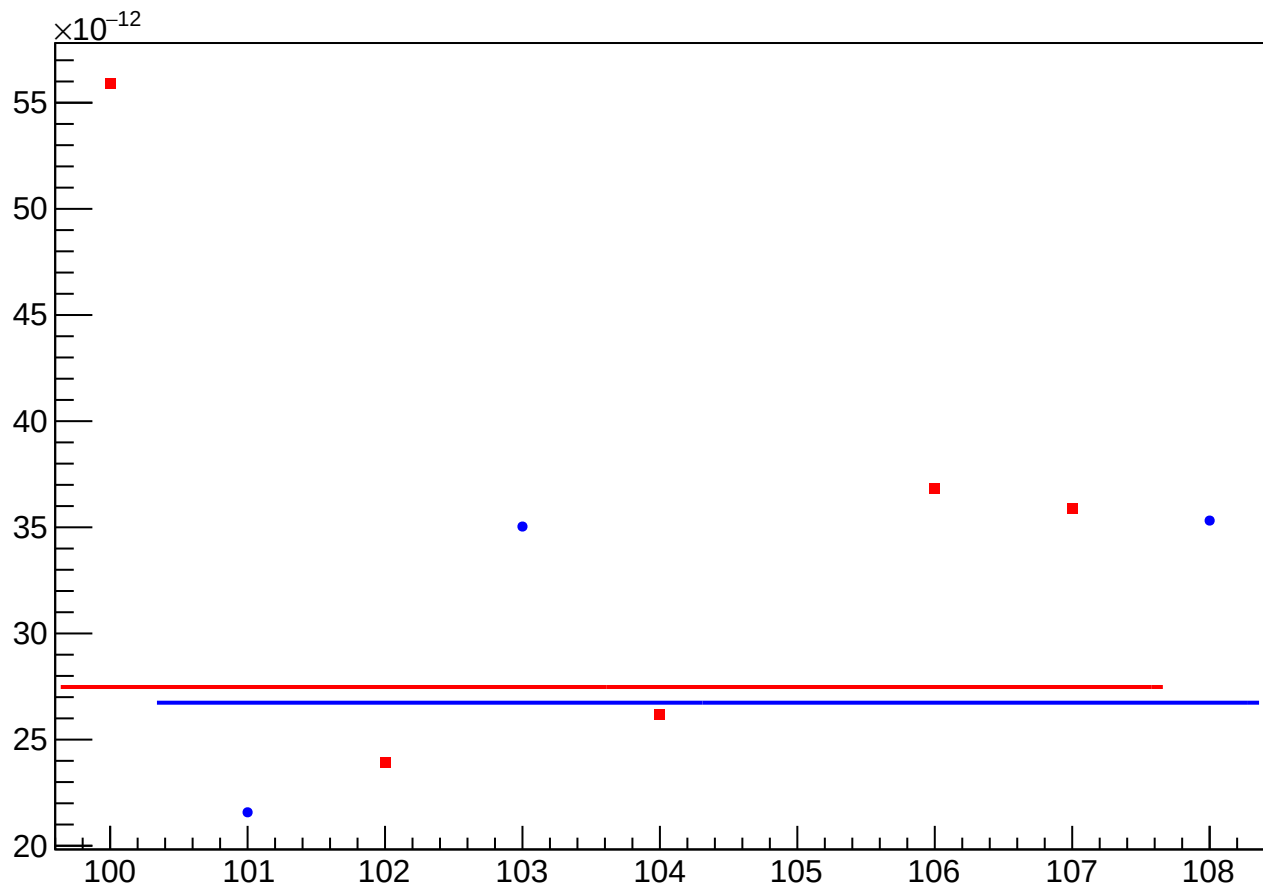
Right: -0.000+/-0.000 χ^2/NDF : 7.1/7

In: -0.000+/-0.000 χ^2/NDF : 0.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.1/7

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 : 126757.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 79325.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

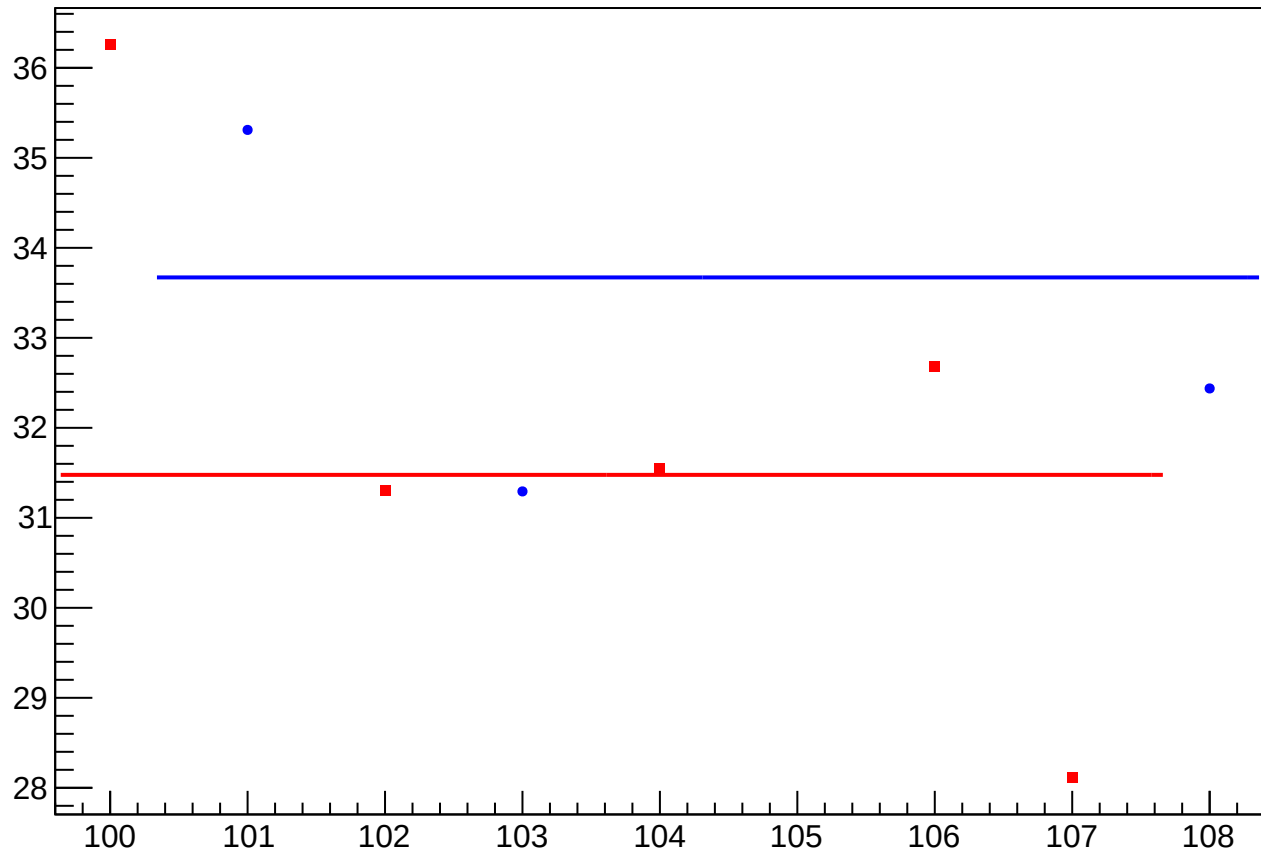
Right: 0.000+/-0.000 χ^2/NDF : 206827.2/7

In: 0.000+/-0.000 χ^2/NDF : 126757.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 206827.2/7

yield_usl_mean vs Slug, Sign Corrected



Right In: 33.671+/-0.000 χ^2/NDF : 332087594.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.477+/-0.000 χ^2/NDF : 199222968.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

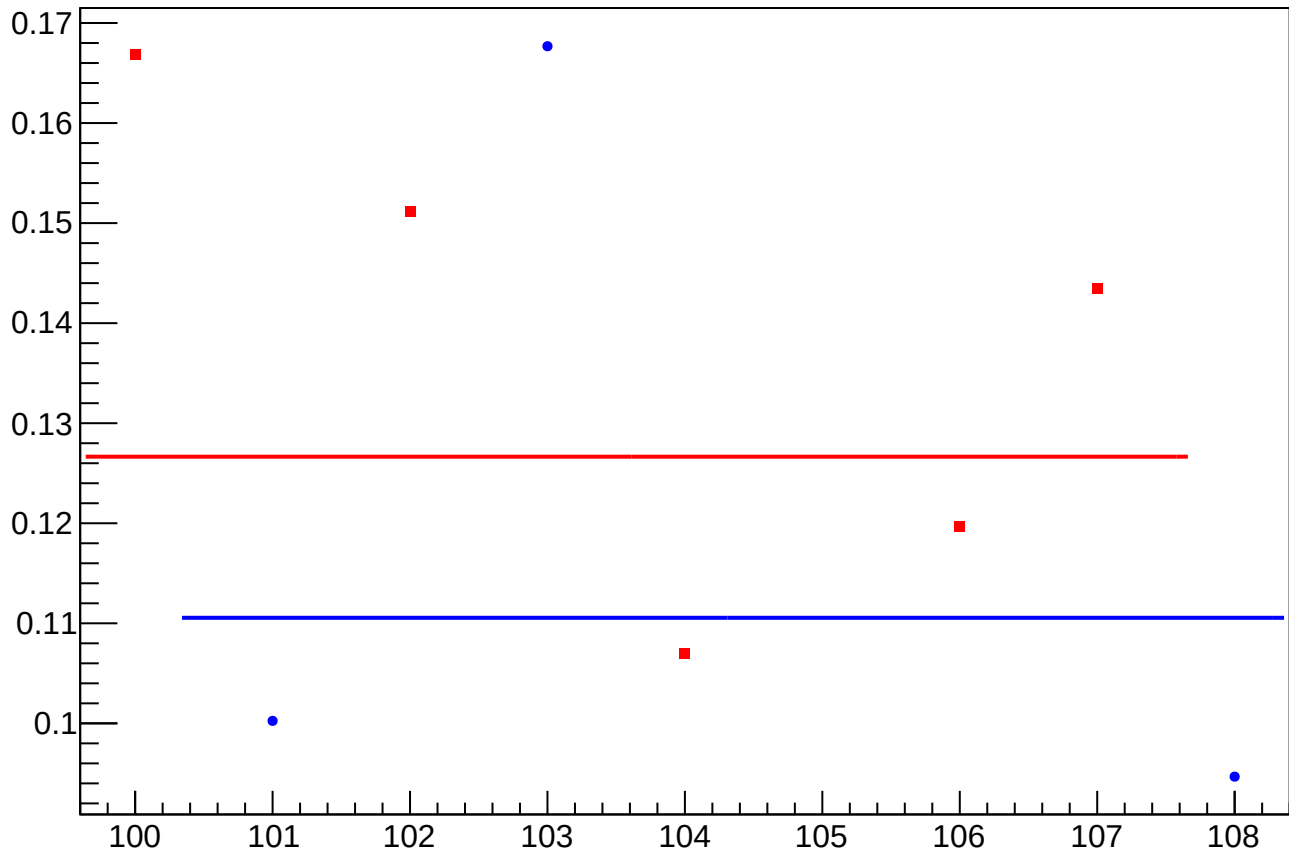
Right: 32.685+/-0.000 χ^2/NDF : 783884229.5/7

In: 33.671+/-0.000 χ^2/NDF : 332087594.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.685+/-0.000 χ^2/NDF : 783884229.5/7

yield_usl_rms vs Slug, Sign Corrected



Right In: 0.111+/-0.000 χ^2/NDF : 167752.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.127+/-0.000 χ^2/NDF : 76210.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

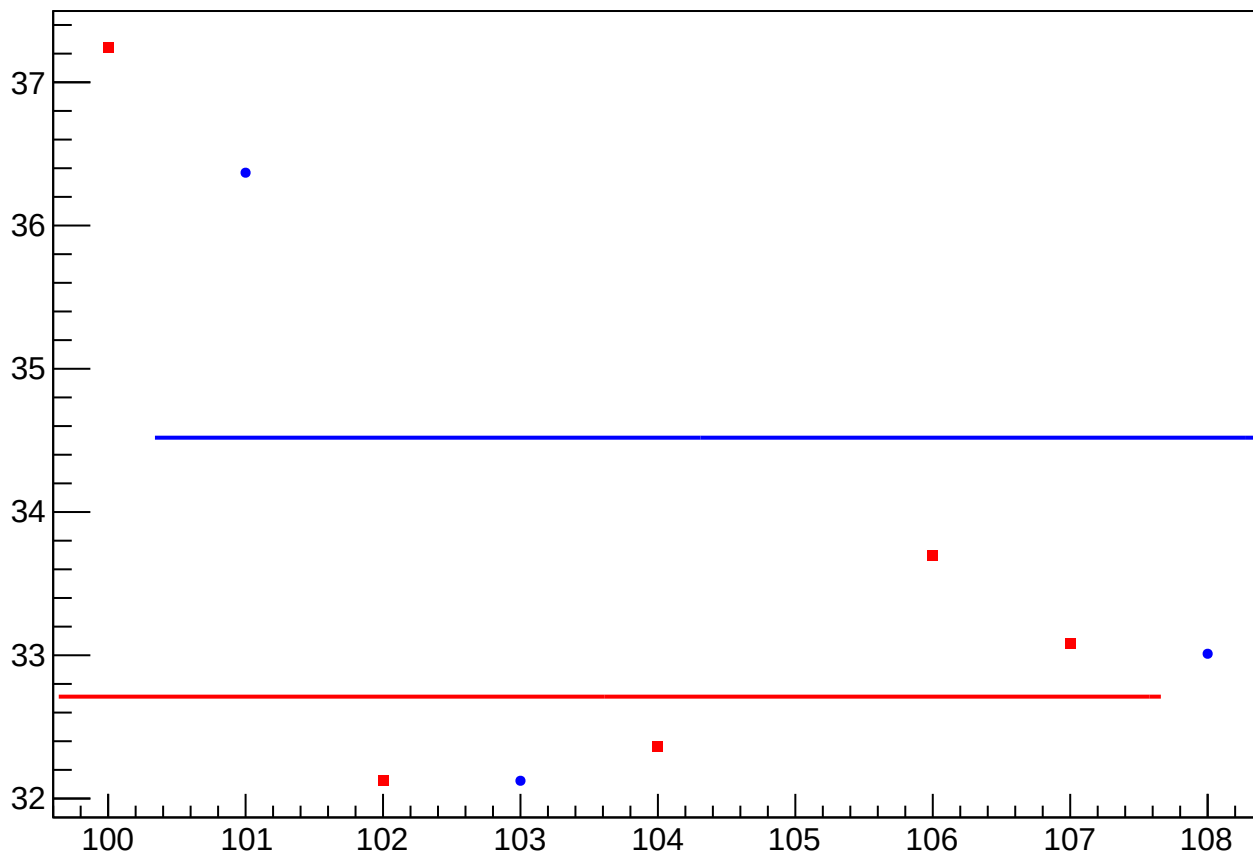
Right: 0.118+/-0.000 χ^2/NDF : 271173.4/7

In: 0.111+/-0.000 χ^2/NDF : 167752.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.118+/-0.000 χ^2/NDF : 271173.4/7

yield_usr_mean vs Slug, Sign Corrected



Right In: 34.519+/-0.000 χ^2/NDF : 303328913.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.711+/-0.000 χ^2/NDF : 57534526.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

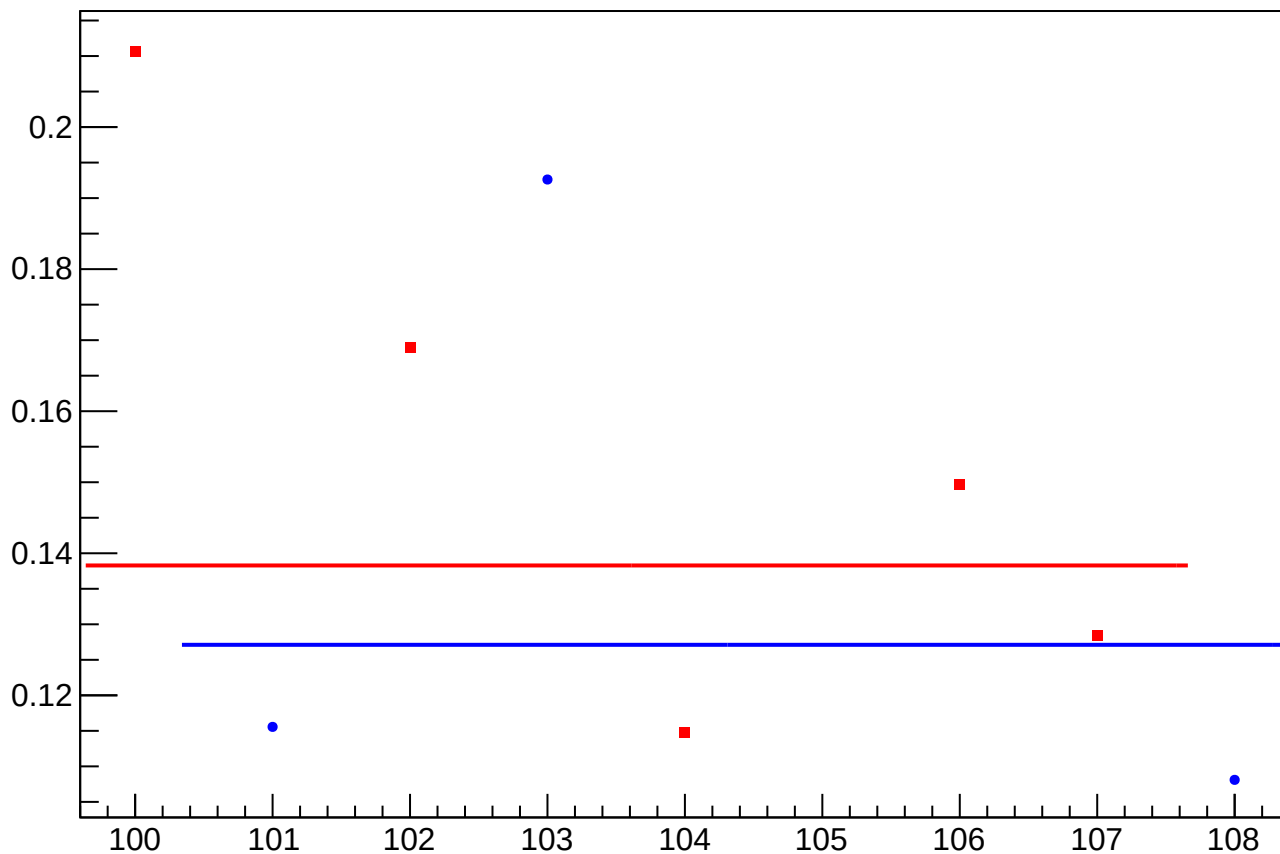
Right: 33.665+/-0.000 χ^2/NDF : 495815956.3/7

In: 34.519+/-0.000 χ^2/NDF : 303328913.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.665+/-0.000 χ^2/NDF : 495815956.3/7

yield_usr_rms vs Slug, Sign Corrected



Right In: 0.127+/-0.000 χ^2/NDF : 167700.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.138+/-0.000 χ^2/NDF : 97140.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

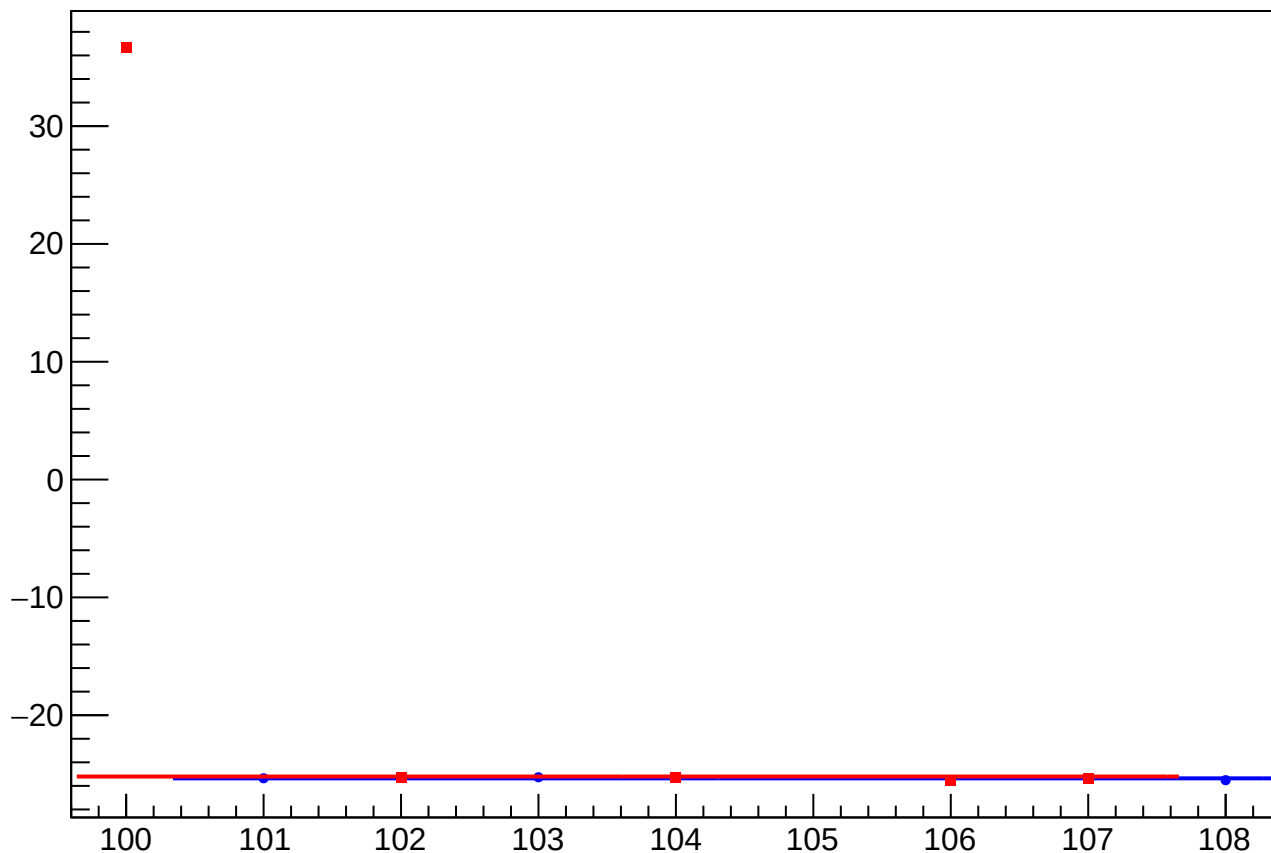
Right: 0.132+/-0.000 χ^2/NDF : 275149.0/7

In: 0.127+/-0.000 χ^2/NDF : 167700.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.132+/-0.000 χ^2/NDF : 275149.0/7

yield_dsl_mean vs Slug, Sign Corrected



Right In: -25.360+/-0.000 χ^2/NDF : 8464651.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.206+/-0.000 χ^2/NDF : 8730619420.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

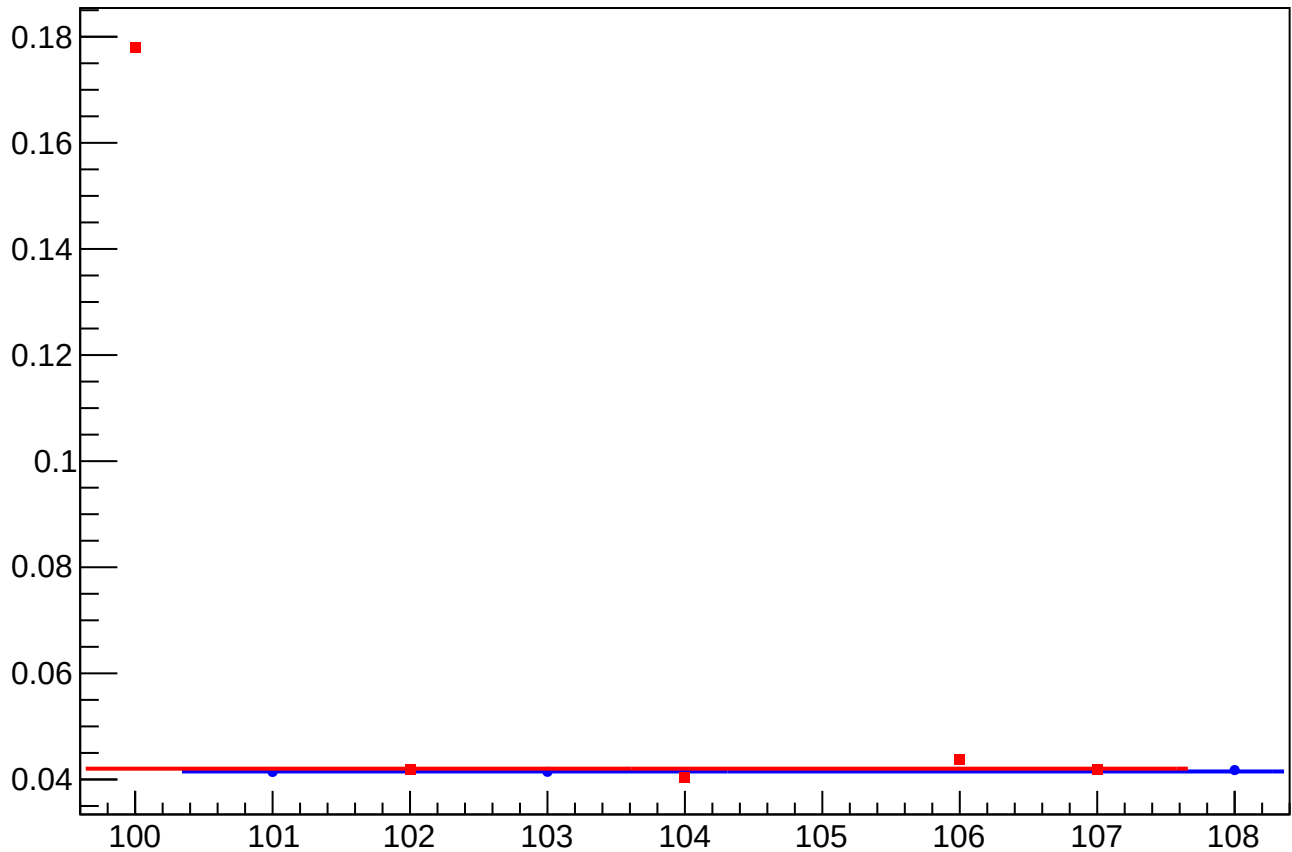
Right: -25.282+/-0.000 χ^2/NDF : 8750600857.4/7

In: -25.360+/-0.000 χ^2/NDF : 8464651.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.282+/-0.000 χ^2/NDF : 8750600857.4/7

yield_dsl_rms vs Slug, Sign Corrected



Right In: 0.042+/-0.000 χ^2/NDF : 40.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.042+/-0.000 χ^2/NDF : 86962.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

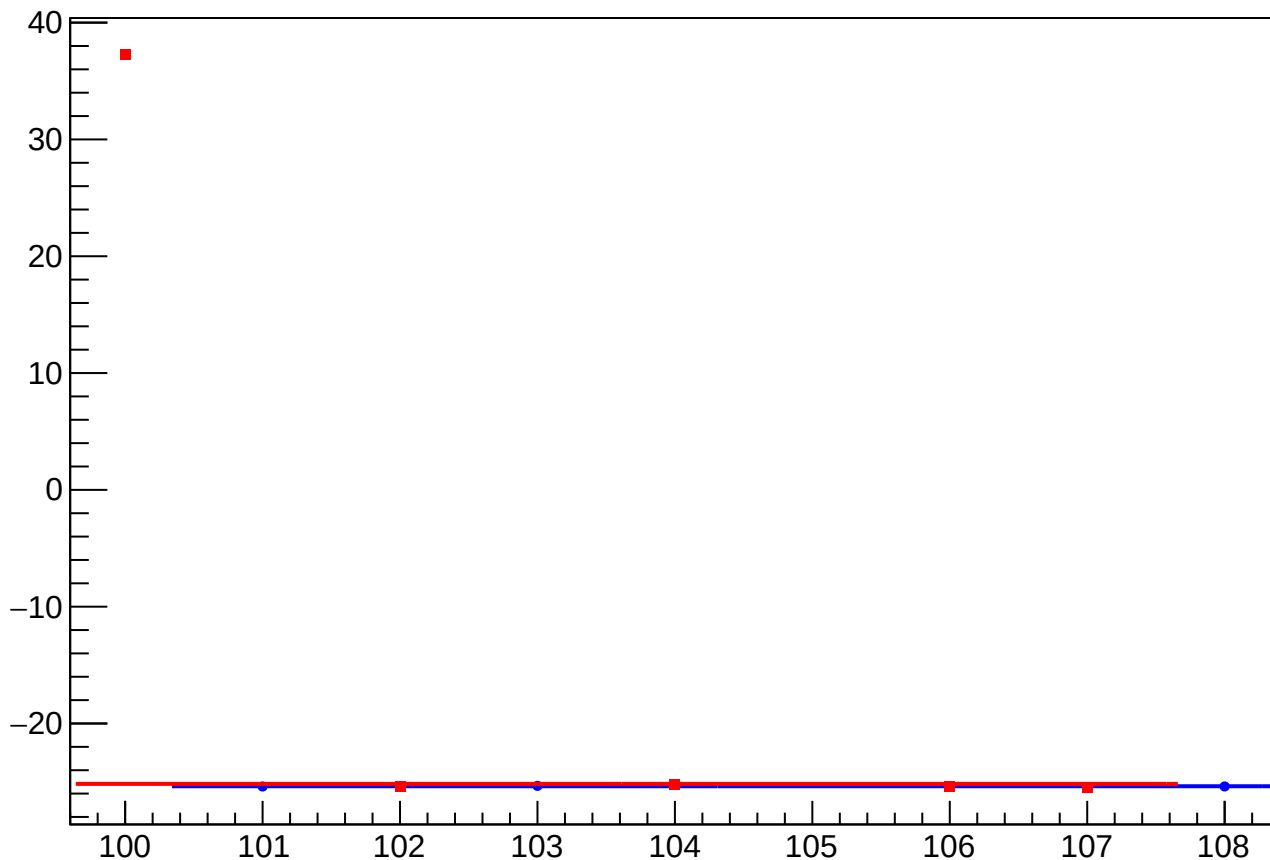
Right: 0.042+/-0.000 χ^2/NDF : 87275.4/7

In: 0.042+/-0.000 χ^2/NDF : 40.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.042+/-0.000 χ^2/NDF : 87275.4/7

yield_dsr_mean vs Slug, Sign Corrected



Right In: -25.372+/-0.000 χ^2/NDF : 296536.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.169+/-0.000 χ^2/NDF : 6287040513.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

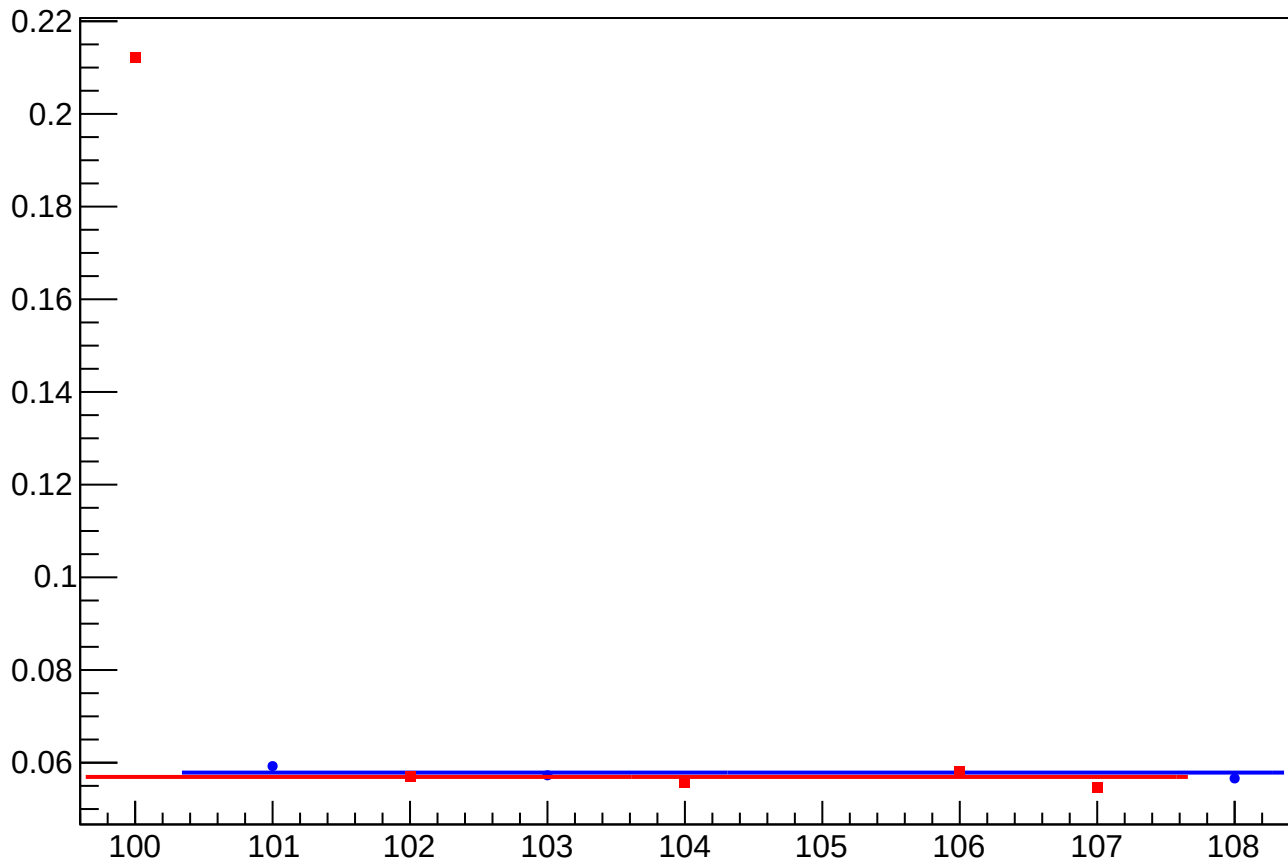
Right: -25.265+/-0.000 χ^2/NDF : 6297618614.3/7

In: -25.372+/-0.000 χ^2/NDF : 296536.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.265+/-0.000 χ^2/NDF : 6297618614.3/7

yield_dsr_rms vs Slug, Sign Corrected



Right In: 0.058+/-0.000 χ^2/NDF : 1202.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.057+/-0.000 χ^2/NDF : 79022.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

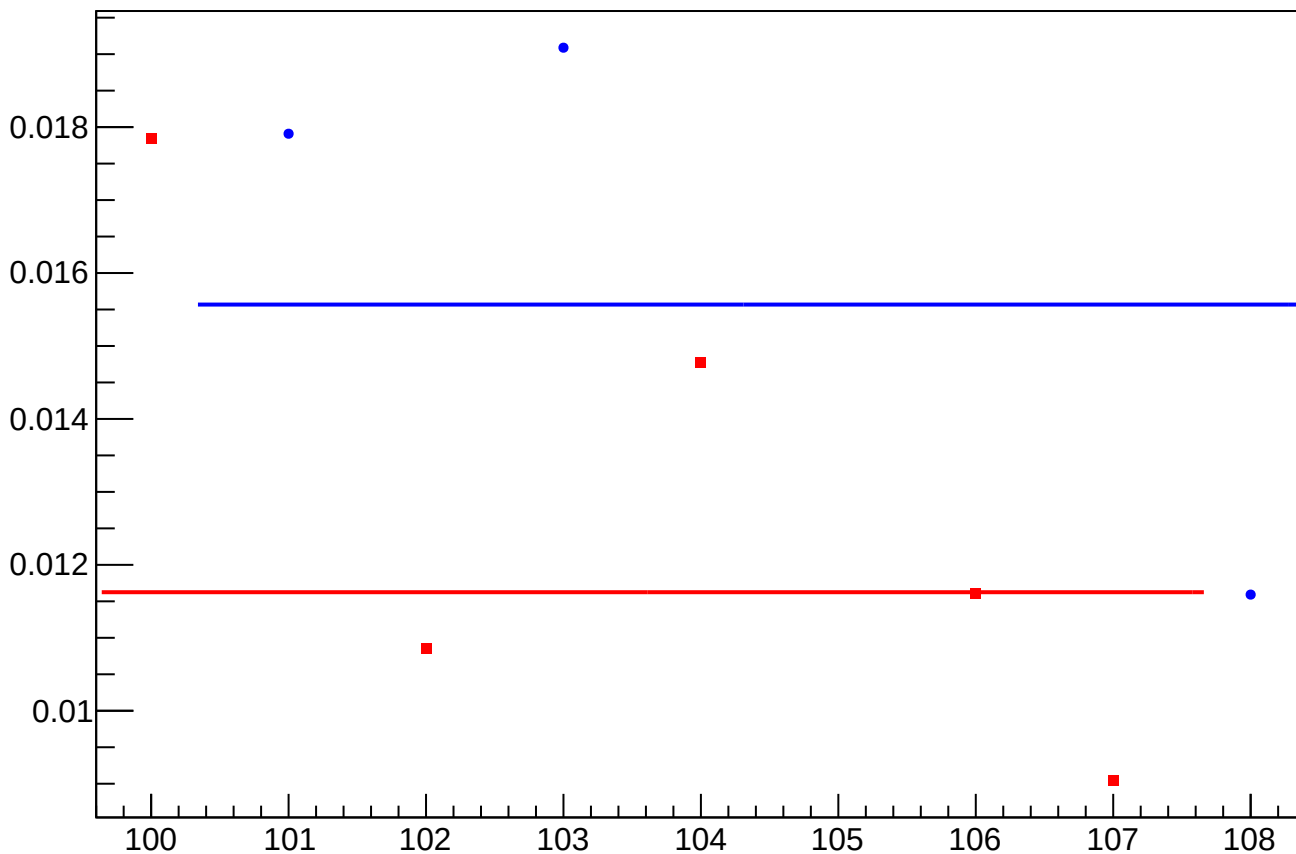
Right: 0.057+/-0.000 χ^2/NDF : 80665.3/7

In: 0.058+/-0.000 χ^2/NDF : 1202.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.057+/-0.000 χ^2/NDF : 80665.3/7

yield_atl1_mean vs Slug, Sign Corrected



Right In: 0.016+/-0.000

χ^2/NDF : 3237146815.3/2

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.014+/-0.000

χ^2/NDF : 6855462431.4/7

Right Out: 0.012+/-0.000

χ^2/NDF : 1123473318.0/4

In: 0.016+/-0.000

χ^2/NDF : 3237146815.3/2

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

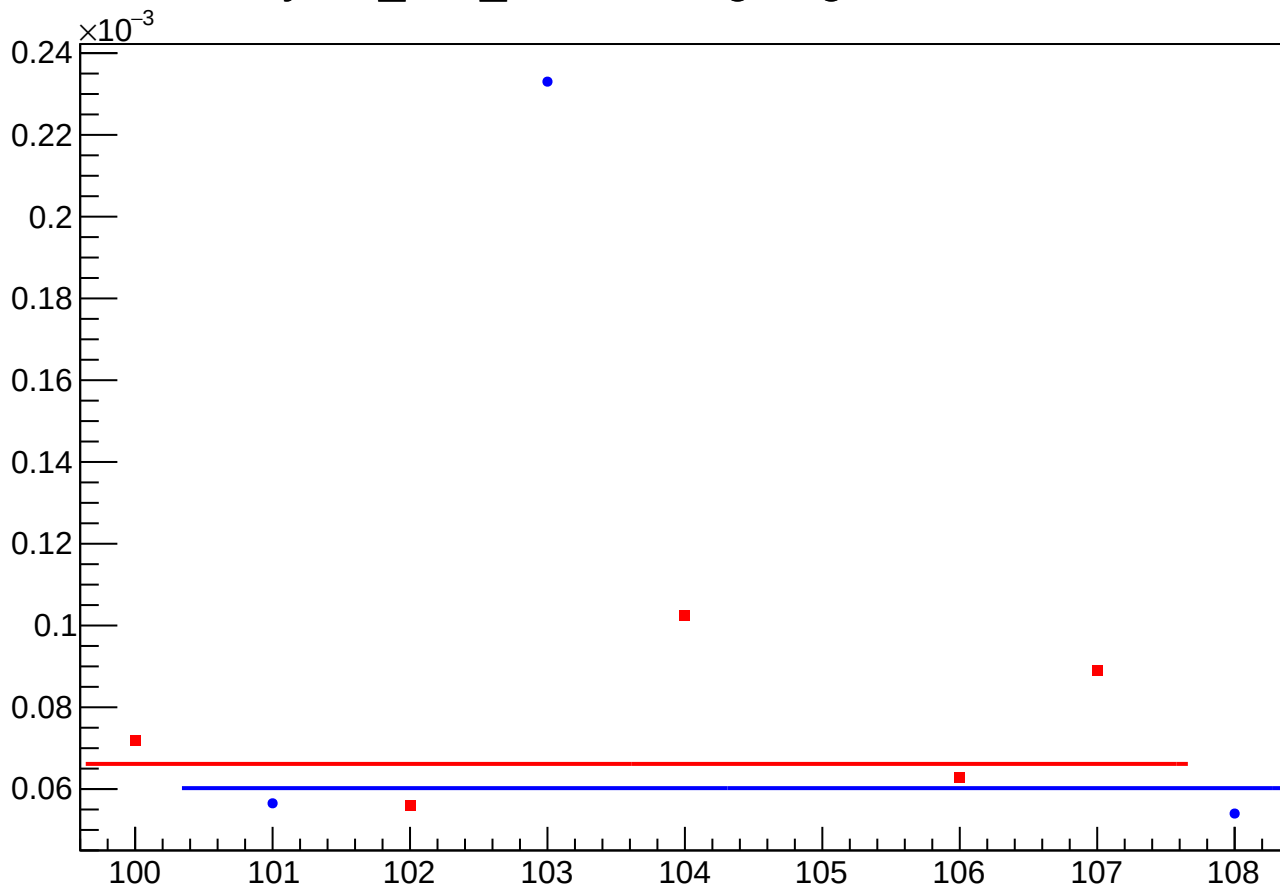
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.014+/-0.000

χ^2/NDF : 6855462431.4/7

yield_atl1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 549319.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 146801.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

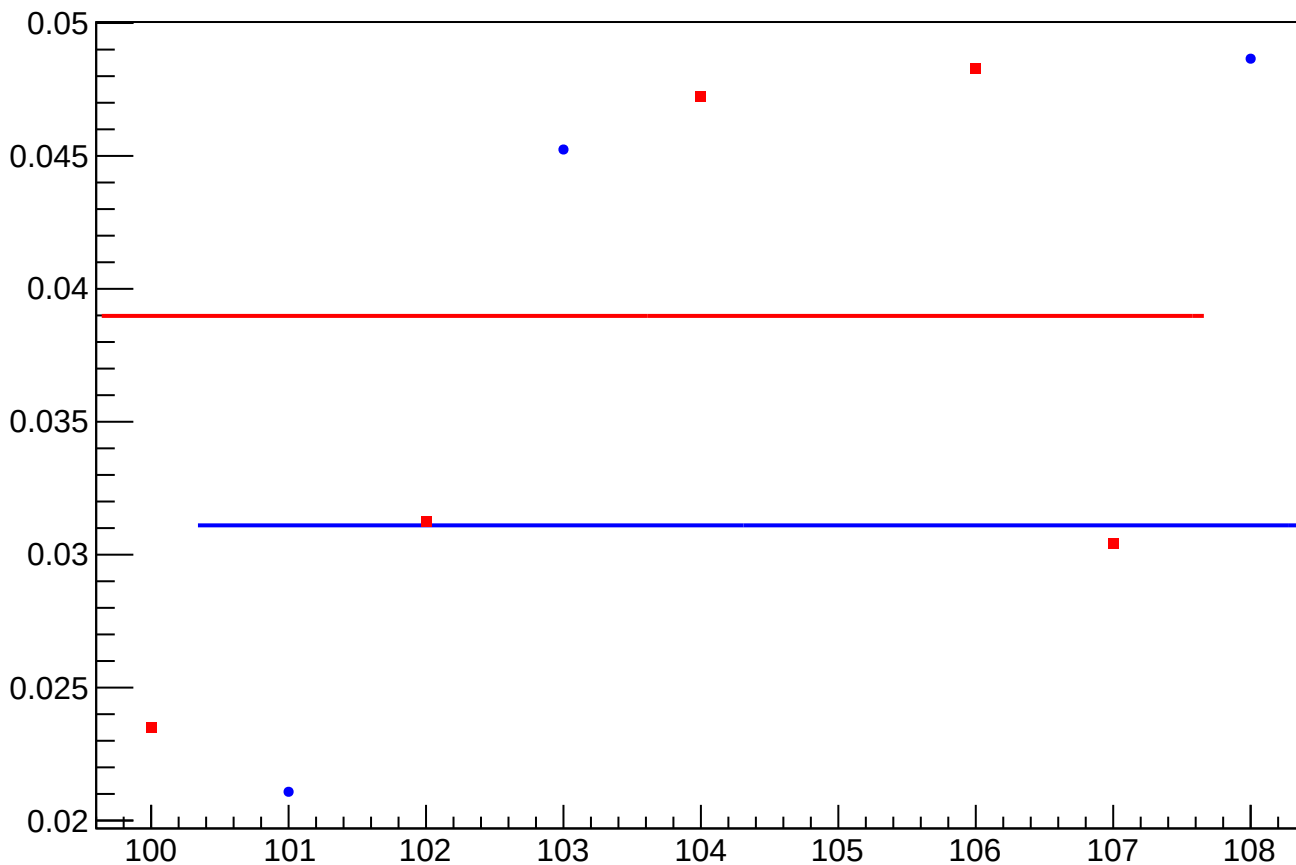
Right: 0.000+/-0.000 χ^2/NDF : 707393.2/7

In: 0.000+/-0.000 χ^2/NDF : 549319.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 707393.2/7

yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.031+/-0.000

χ^2/NDF : 1327960134.8/2

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.035+/-0.000 χ^2/NDF : 2116190345.9/7

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.031+/-0.000 χ^2/NDF : 1327960134.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.039+/-0.000

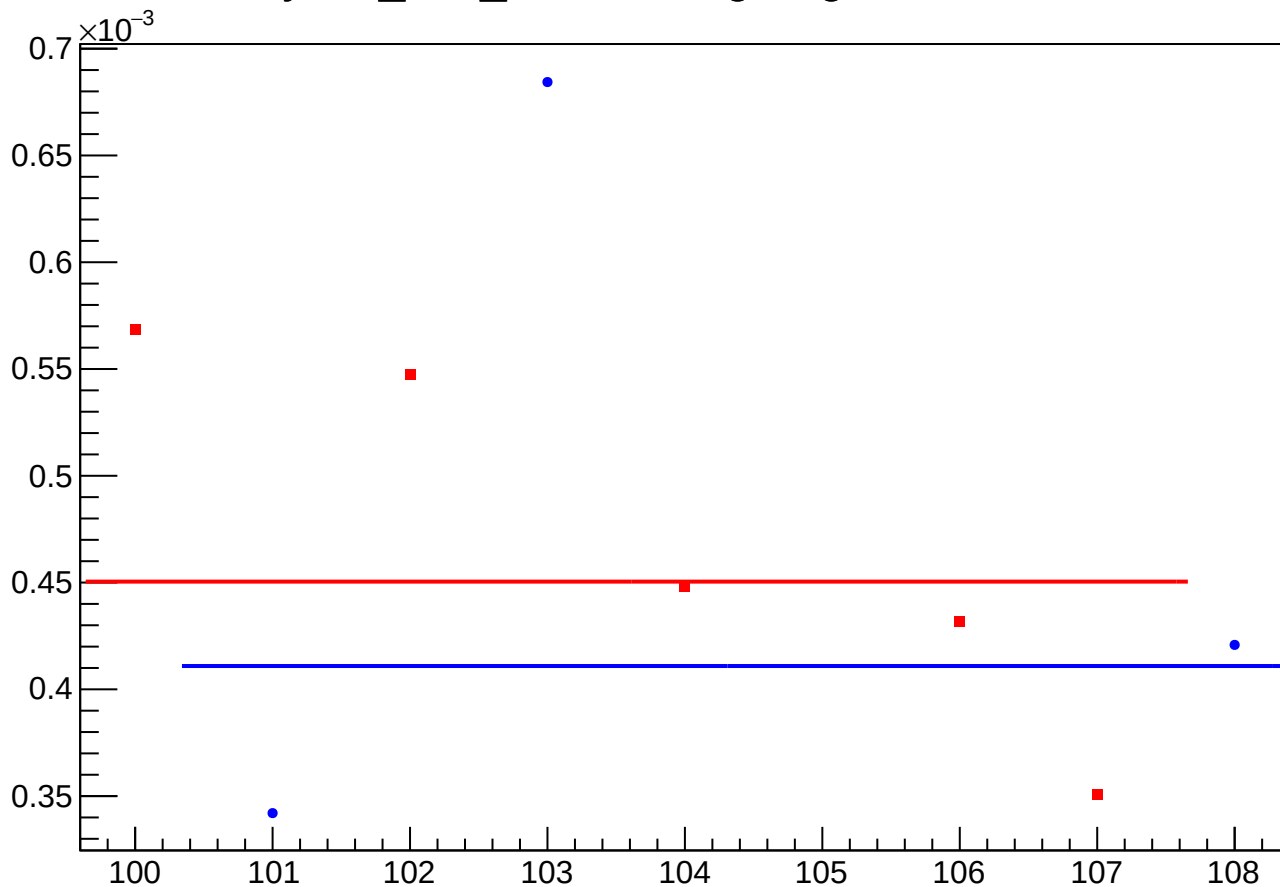
χ^2/NDF : 551069089.5/4

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.035+/-0.000 χ^2/NDF : 2116190345.9/7

yield_atl2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 226548.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 73074.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

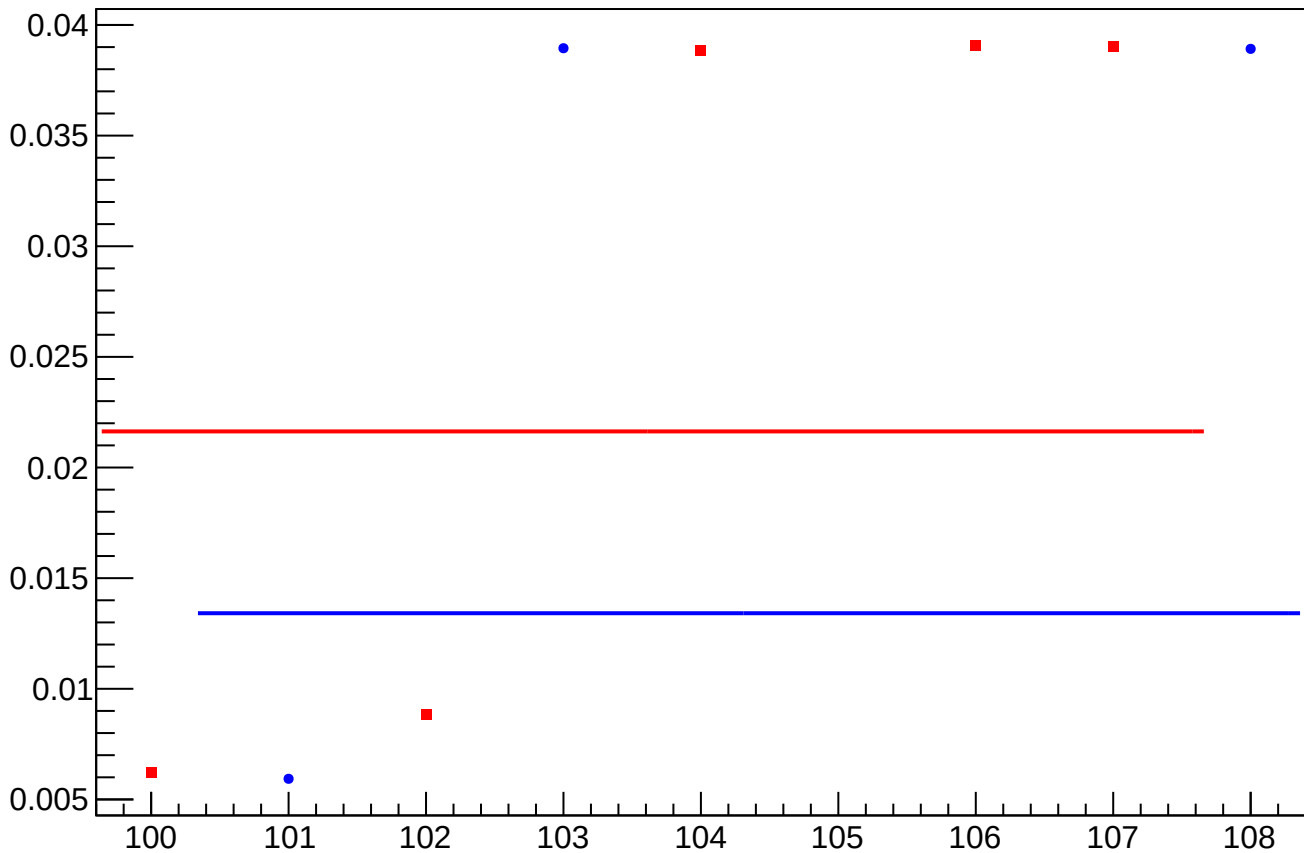
Right: 0.000+/-0.000 χ^2/NDF : 311560.2/7

In: 0.000+/-0.000 χ^2/NDF : 226548.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 311560.2/7

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.000

χ^2/NDF : 33772098712.2/2

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.022+/-0.000

χ^2/NDF : 23717816895.5/4

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.016+/-0.000

χ^2/NDF : 61913091574.9/7

In: 0.013+/-0.000

χ^2/NDF : 33772098712.2/2

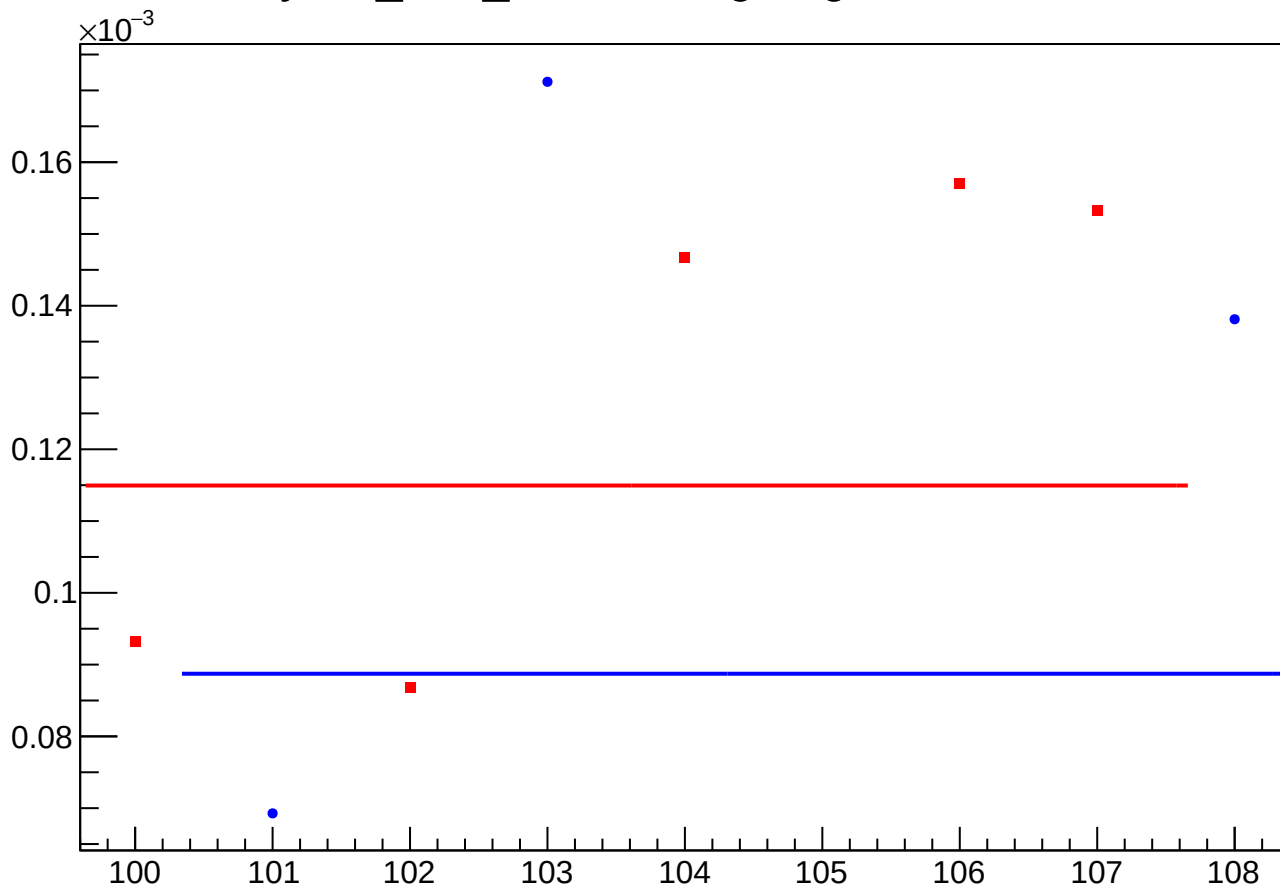
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.016+/-0.000

χ^2/NDF : 61913091574.9/7

yield_atr1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 478584.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 206089.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

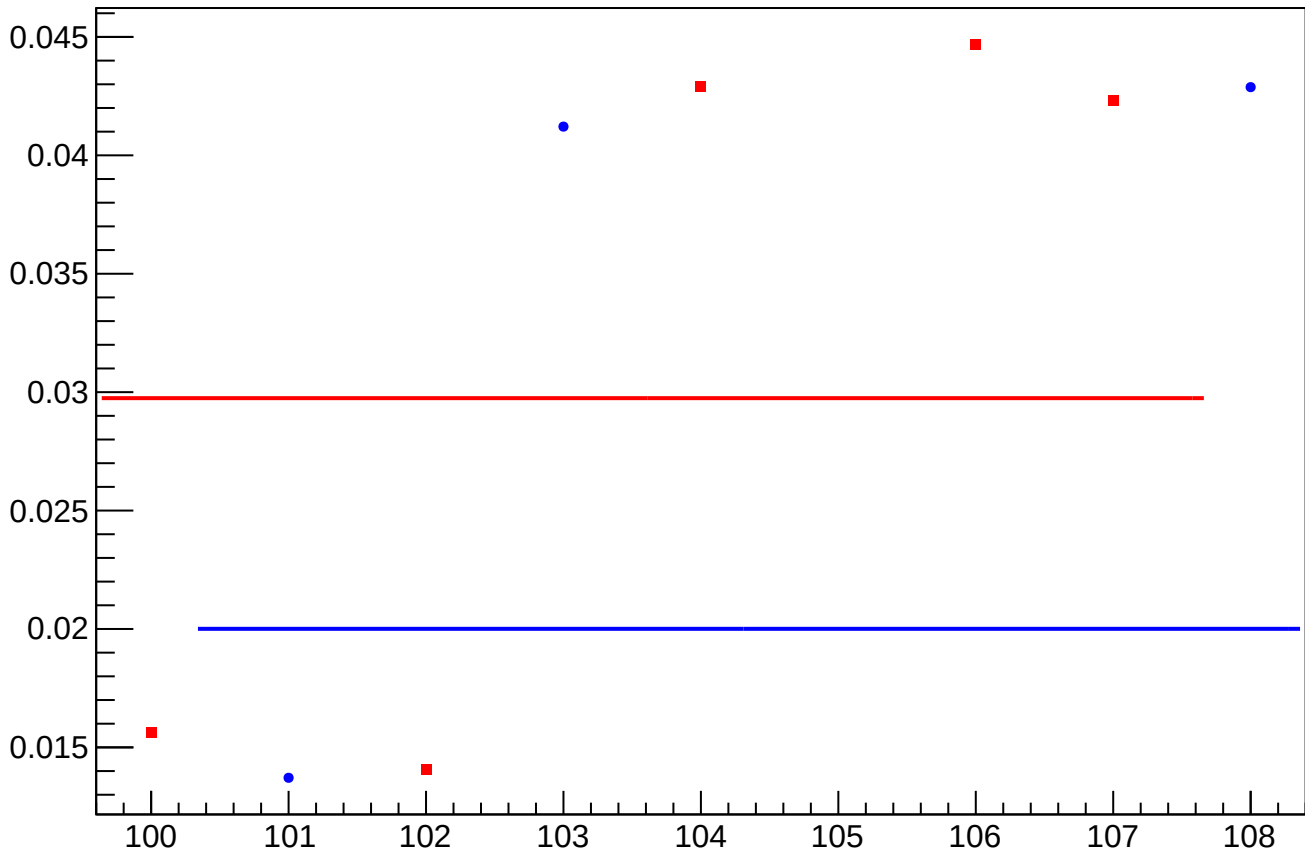
Right: 0.000+/-0.000 χ^2/NDF : 774775.9/7

In: 0.000+/-0.000 χ^2/NDF : 478584.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 774775.9/7

yield_atr2_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 3008289270.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.030+/-0.000 χ^2/NDF : 2796104980.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

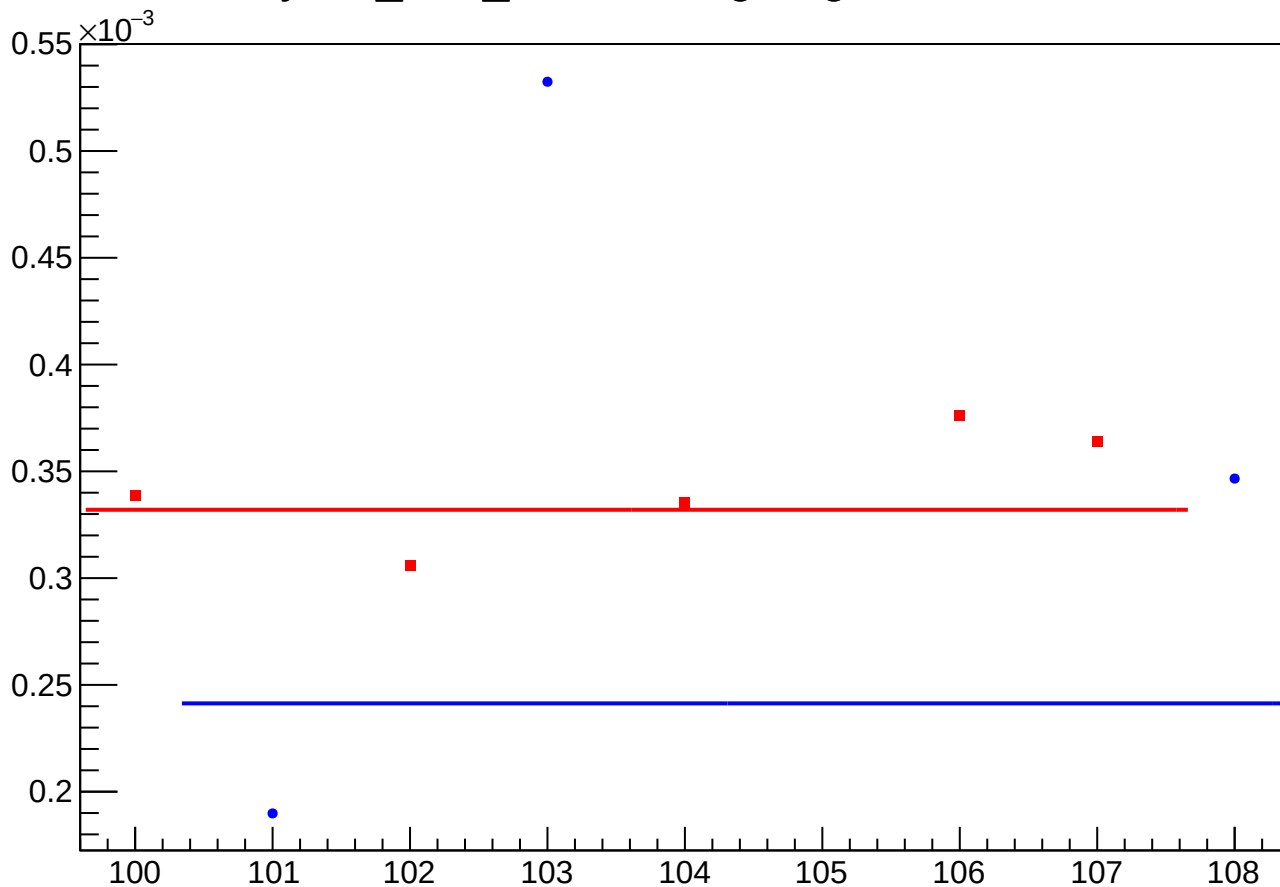
Right: 0.024+/-0.000 χ^2/NDF : 6584794217.3/7

In: 0.020+/-0.000 χ^2/NDF : 3008289270.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 6584794217.3/7

yield_atr2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 482866.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 18046.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

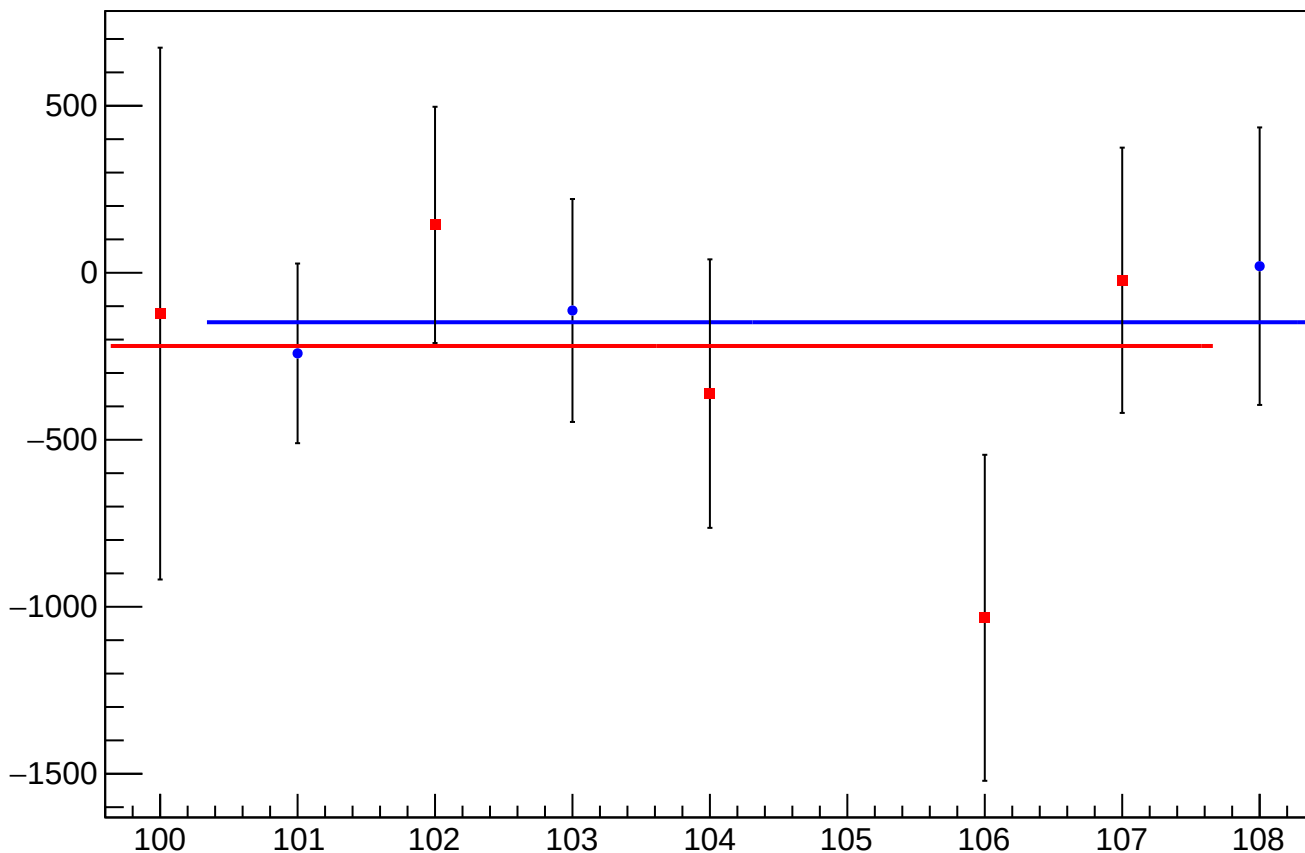
Right: 0.000+/-0.000 χ^2/NDF : 636124.3/7

In: 0.000+/-0.000 χ^2/NDF : 482866.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 636124.3/7

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -148.068+/-187.003 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -219.166+/-194.989 χ^2/NDF : 4.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

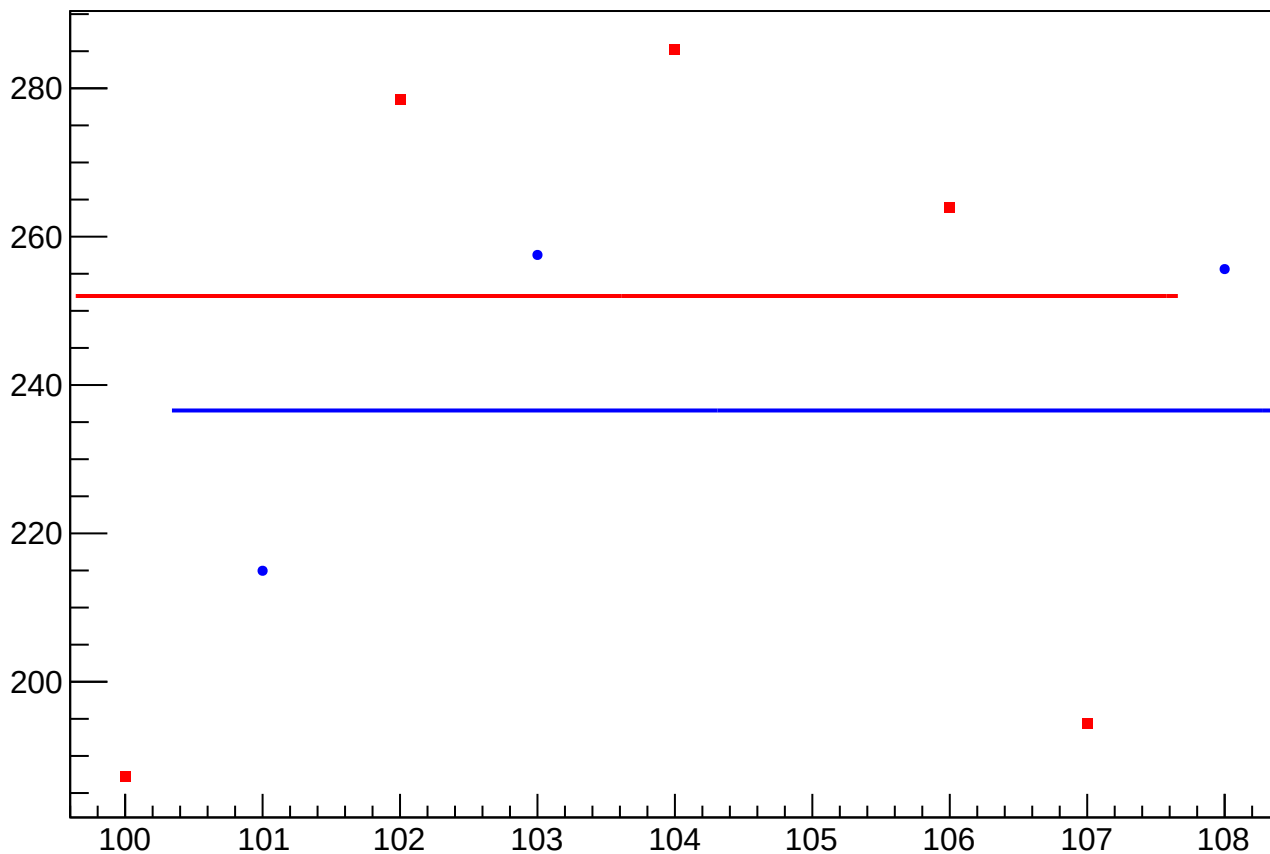
Right: -182.132+/-134.966 χ^2/NDF : 4.6/7

In: -148.068+/-187.003 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -182.132+/-134.966 χ^2/NDF : 4.6/7

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 236.568 $\pm$ 0.132 χ^2 /NDF: 25012.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 252.001 $\pm$ 0.138 χ^2 /NDF: 81439.4/4

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

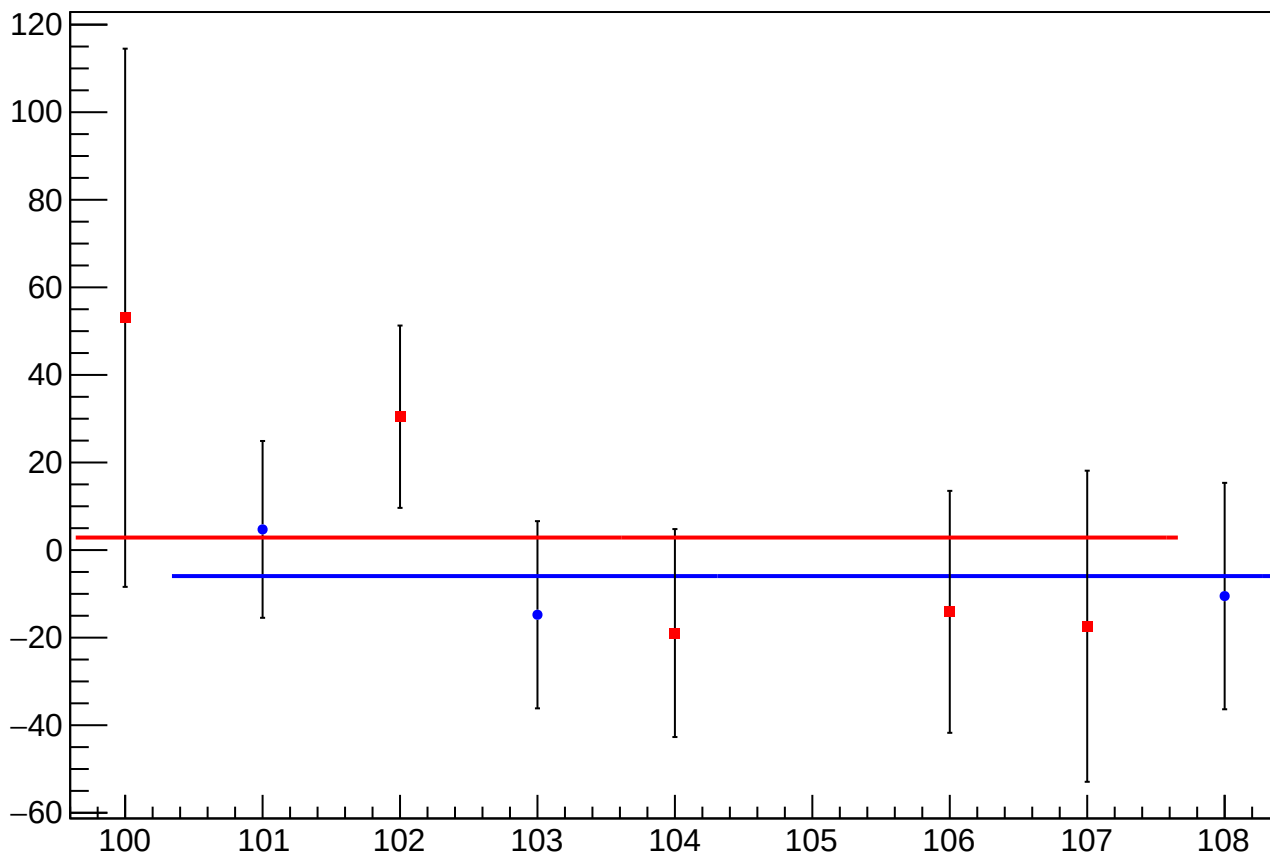
Right: 243.962 $\pm$ 0.095 χ^2 /NDF: 112977.9/7

In: 236.568 $\pm$ 0.132 χ^2 /NDF:25012.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 243.962 $\pm$ 0.095 χ^2 /NDF: 112977.9/7

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -5.940 $\pm$ 12.766 χ^2 /NDF: 0.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.861 $\pm$ 12.454 χ^2 /NDF: 4.0/4

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

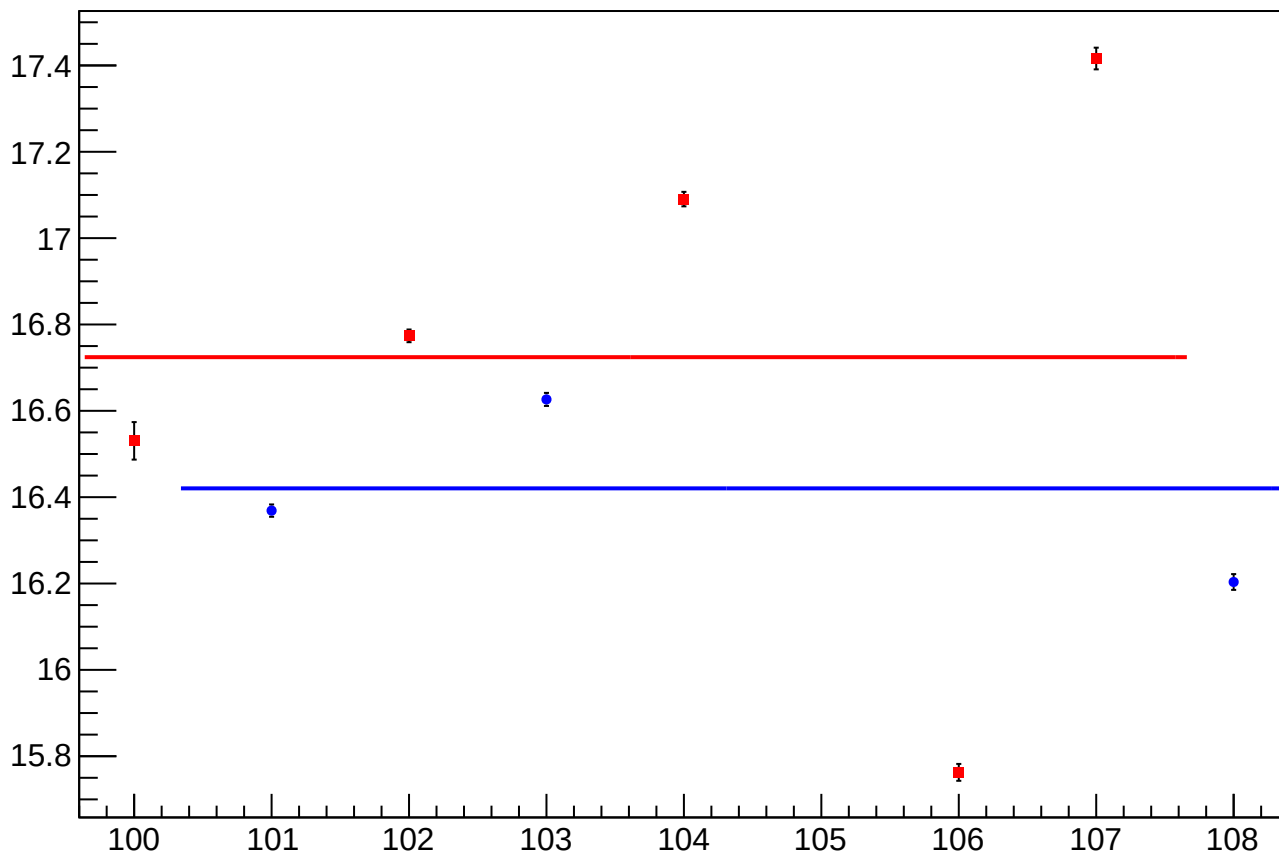
Right: -1.431 $\pm$ 8.915 χ^2 /NDF: 4.7/7

In: -5.940 $\pm$ 12.766 χ^2 /NDF: 0.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.431 $\pm$ 8.915 χ^2 /NDF: 4.7/7

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.420+/-0.009 χ^2/NDF : 339.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.724+/-0.009 χ^2/NDF : 3687.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

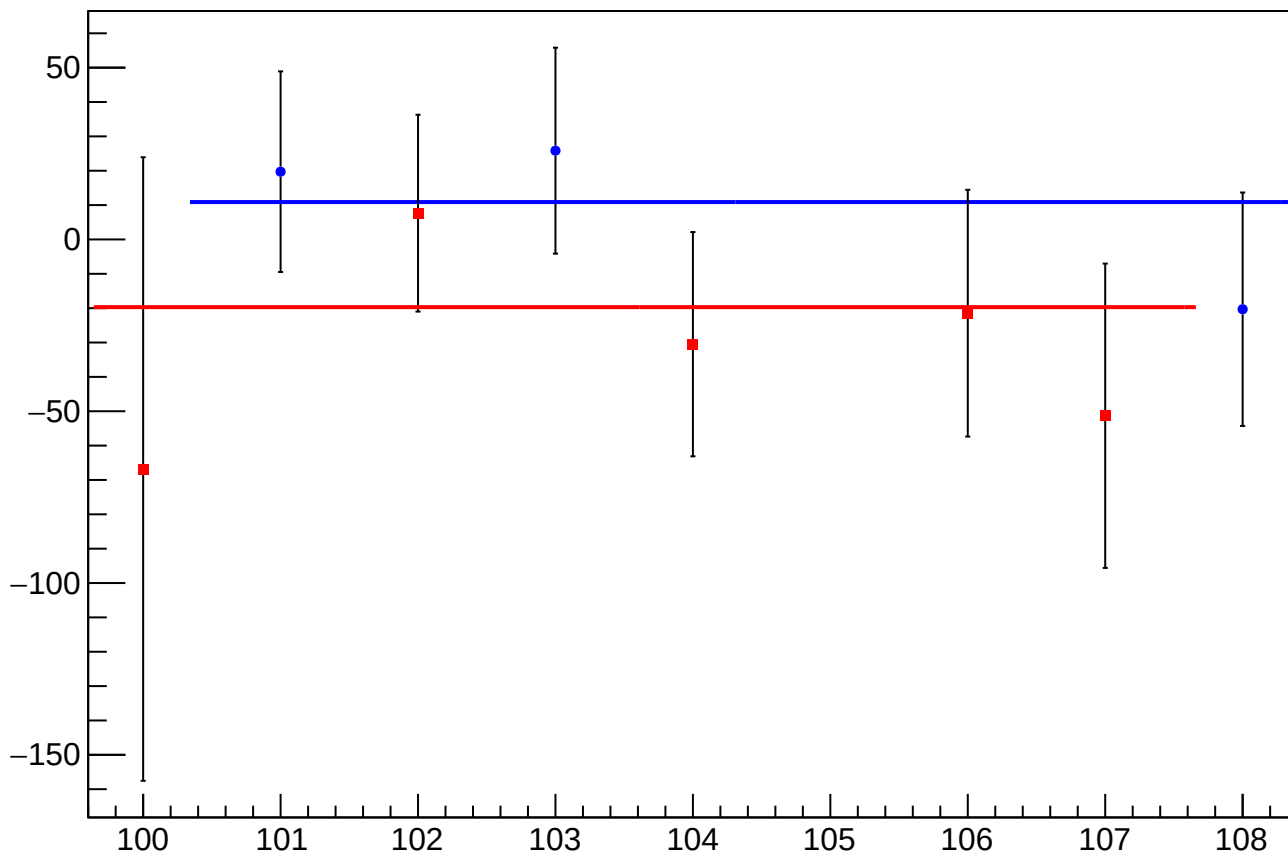
Right: 16.576+/-0.006 χ^2/NDF : 4608.1/7

In: 16.420+/-0.009 χ^2/NDF : 339.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.576+/-0.006 χ^2/NDF : 4608.1/7

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 10.881 ± 17.812 $\chi^2/\text{NDF}: 1.2/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -19.701 ± 16.750 $\chi^2/\text{NDF}: 1.8/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

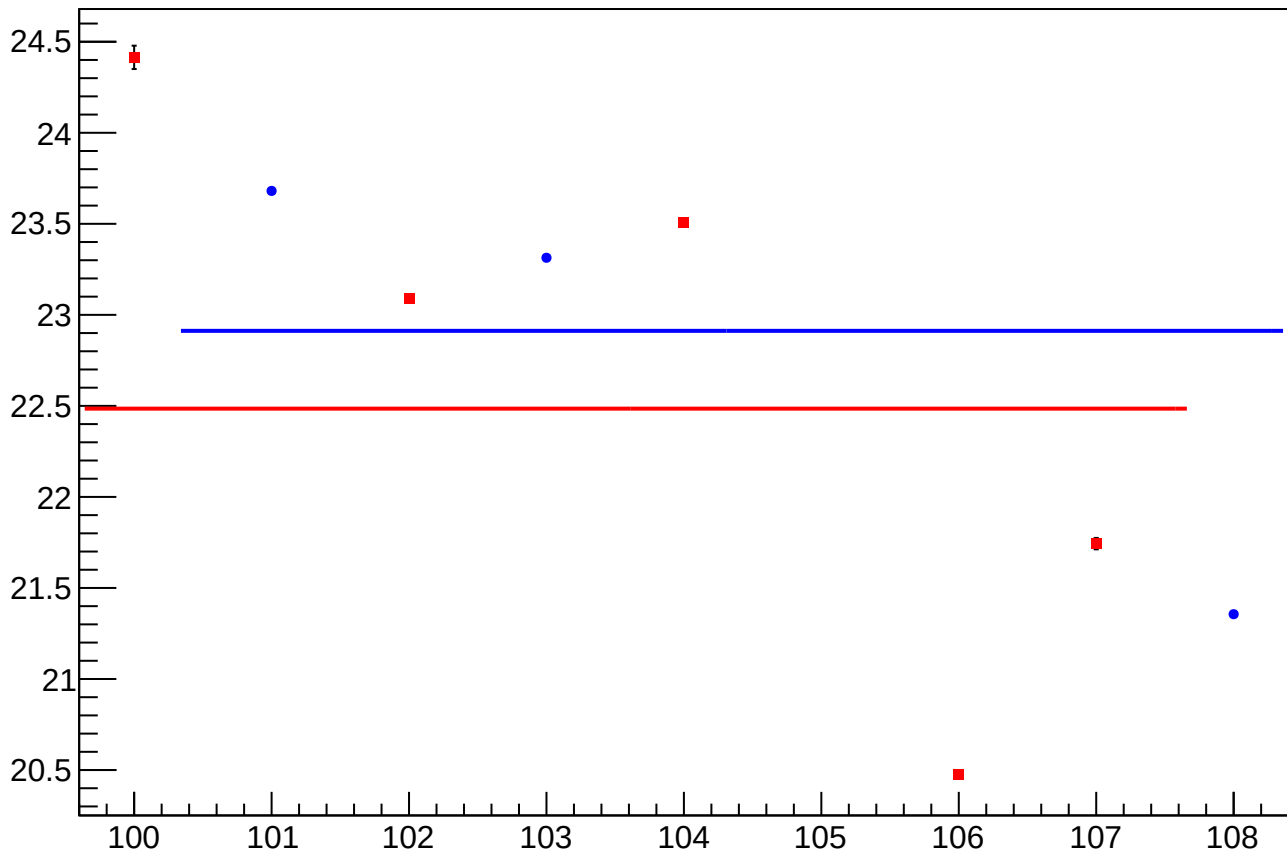
Right: -5.348 ± 12.202 $\chi^2/\text{NDF}: 4.6/7$

In: 10.881 ± 17.812 $\chi^2/\text{NDF}: 1.2/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -5.348 ± 12.202 $\chi^2/\text{NDF}: 4.6/7$

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.912 $\pm$ 0.013 χ^2 /NDF: 5940.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.485 $\pm$ 0.012 χ^2 /NDF: 10583.9/4

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

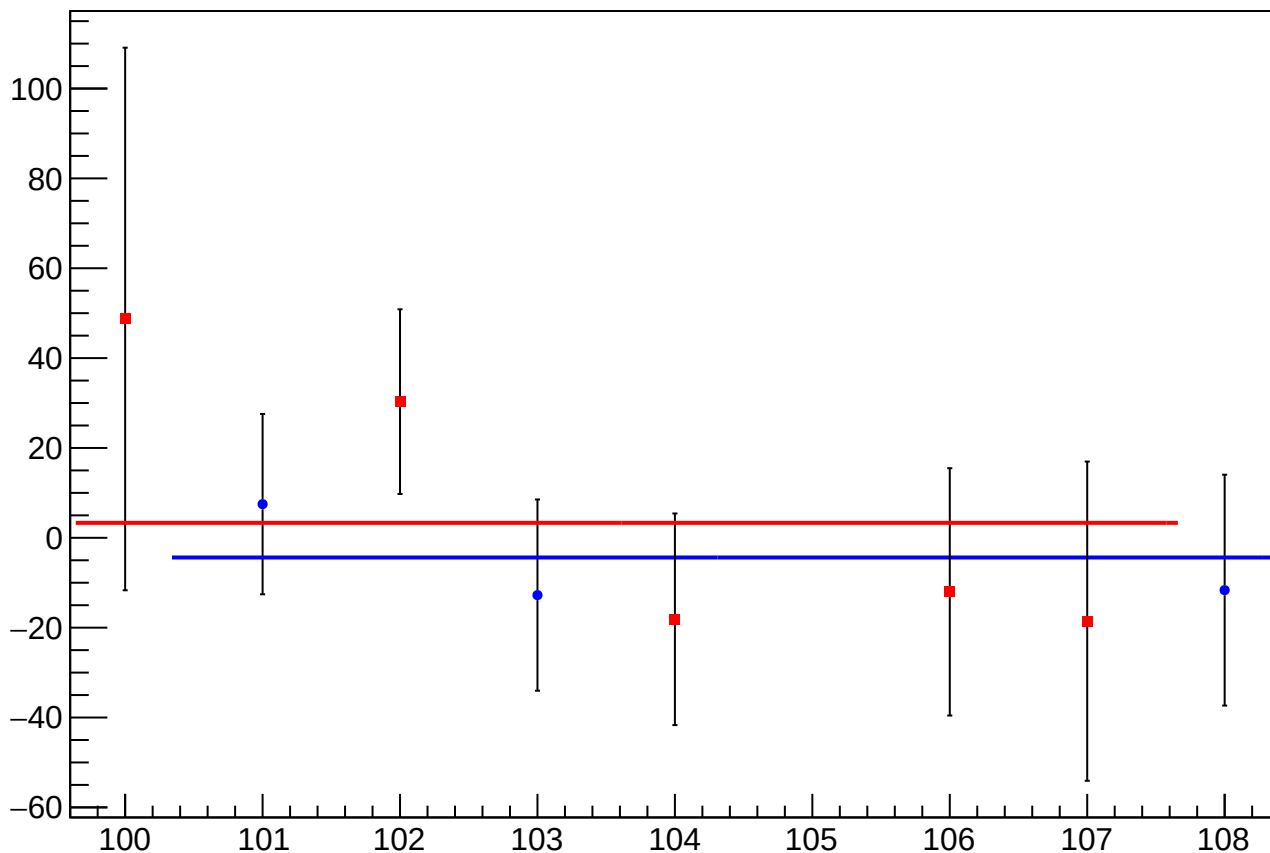
Right: 22.685 $\pm$ 0.009 χ^2 /NDF: 17135.0/7

In: 22.912 $\pm$ 0.013 χ^2 /NDF: 5940.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.685 $\pm$ 0.009 χ^2 /NDF: 17135.0/7

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.379+/-12.695 χ^2/NDF : 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.329+/-12.351 χ^2/NDF : 3.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

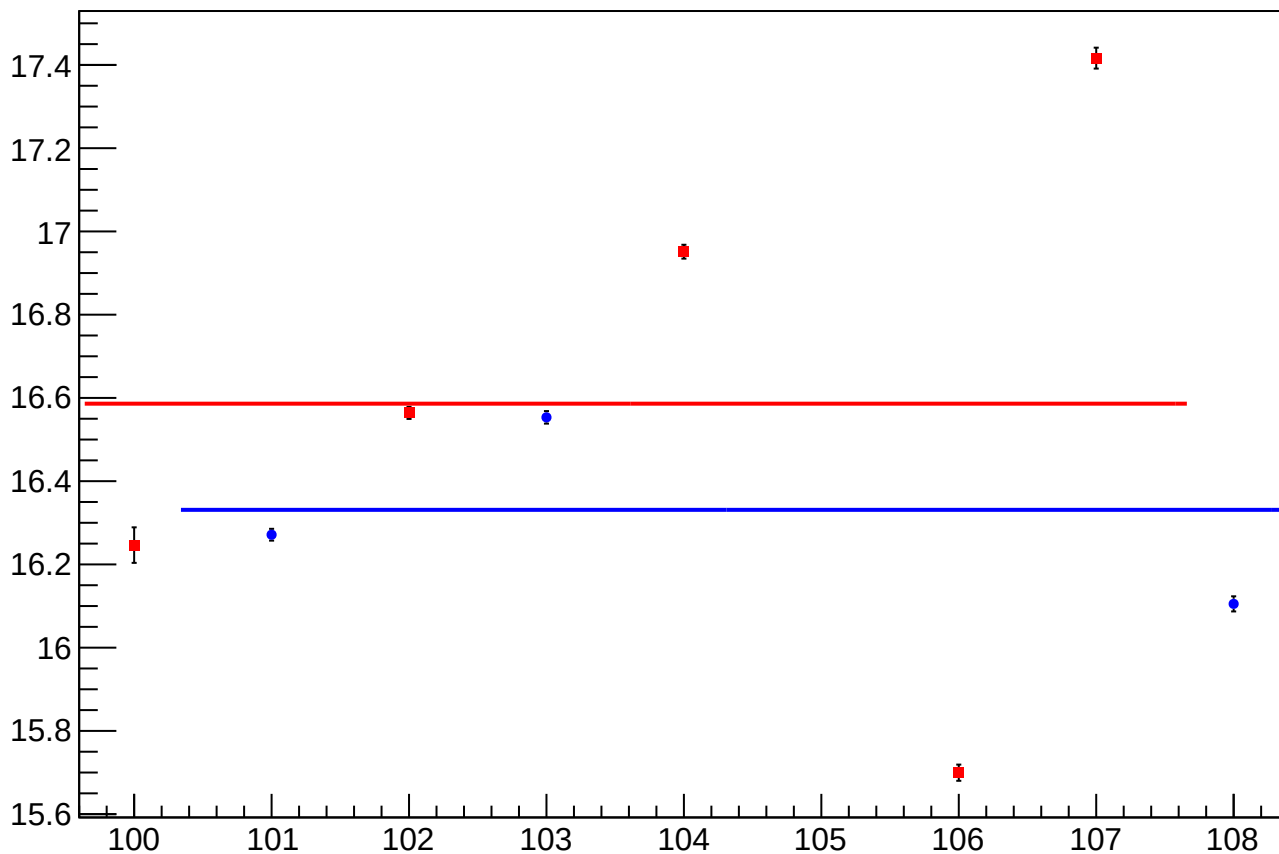
Right: -0.419+/-8.853 χ^2/NDF : 4.6/7

In: -4.379+/-12.695 χ^2/NDF : 0.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.419+/-8.853 χ^2/NDF : 4.6/7

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.331+/-0.009 χ^2/NDF : 390.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.586+/-0.009 χ^2/NDF : 3713.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

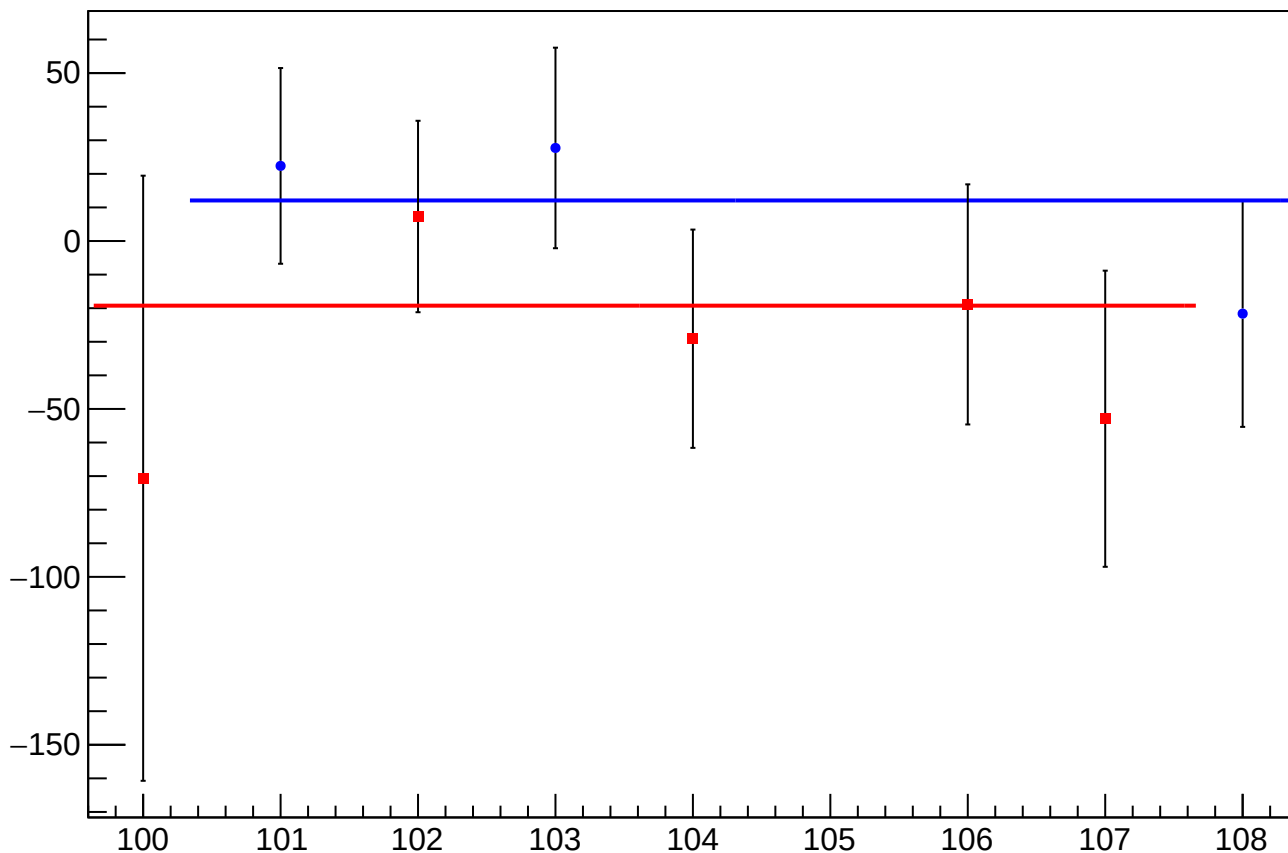
Right: 16.462+/-0.006 χ^2/NDF : 4518.8/7

In: 16.331+/-0.009 χ^2/NDF : 390.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.462+/-0.006 χ^2/NDF : 4518.8/7

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 12.078+/-17.735 χ^2/NDF : 1.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -19.247+/-16.671 χ^2/NDF : 1.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

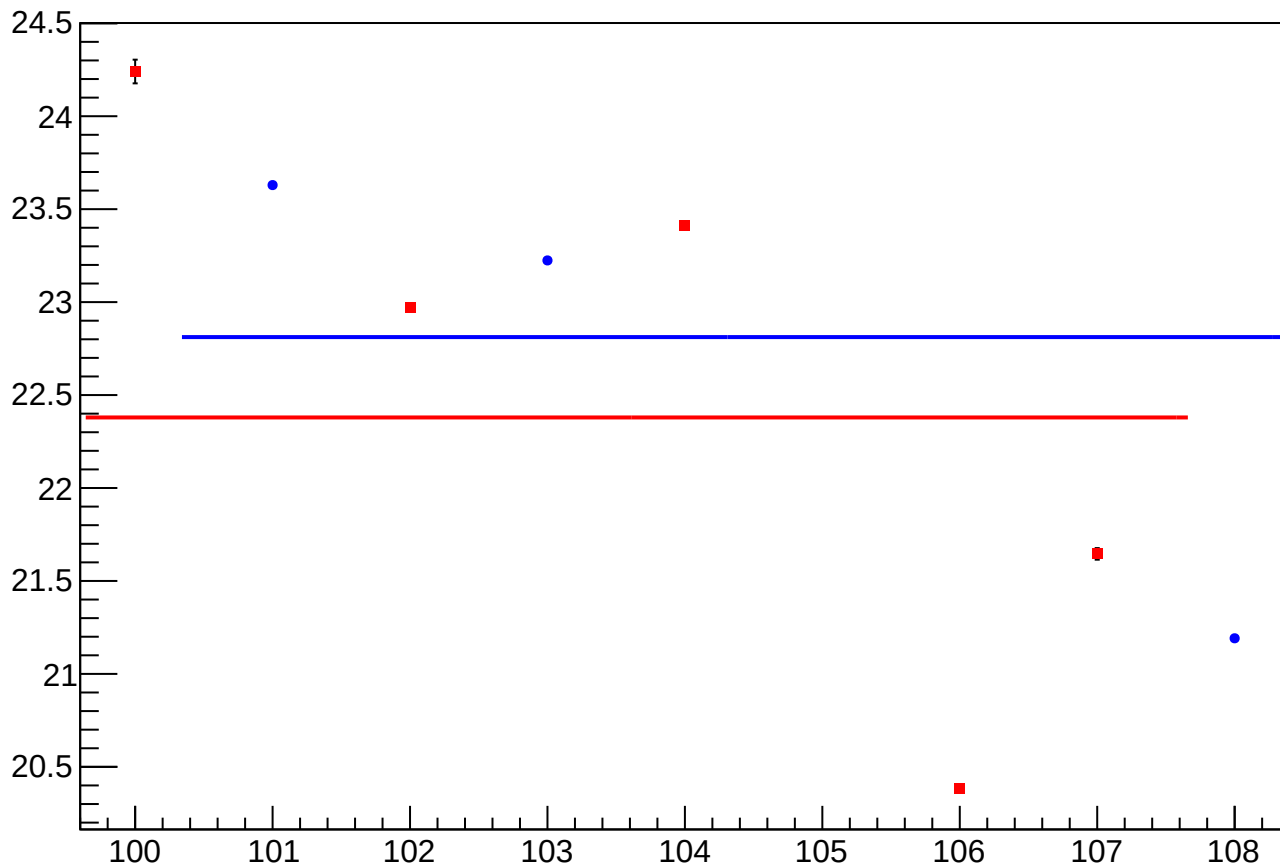
Right: -4.553+/-12.147 χ^2/NDF : 4.9/7

In: 12.078+/-17.735 χ^2/NDF : 1.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.553+/-12.147 χ^2/NDF : 4.9/7

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.812 $\pm$ 0.013 χ^2 /NDF: 6575.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 22.380 $\pm$ 0.012 χ^2 /NDF: 10515.0/4

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

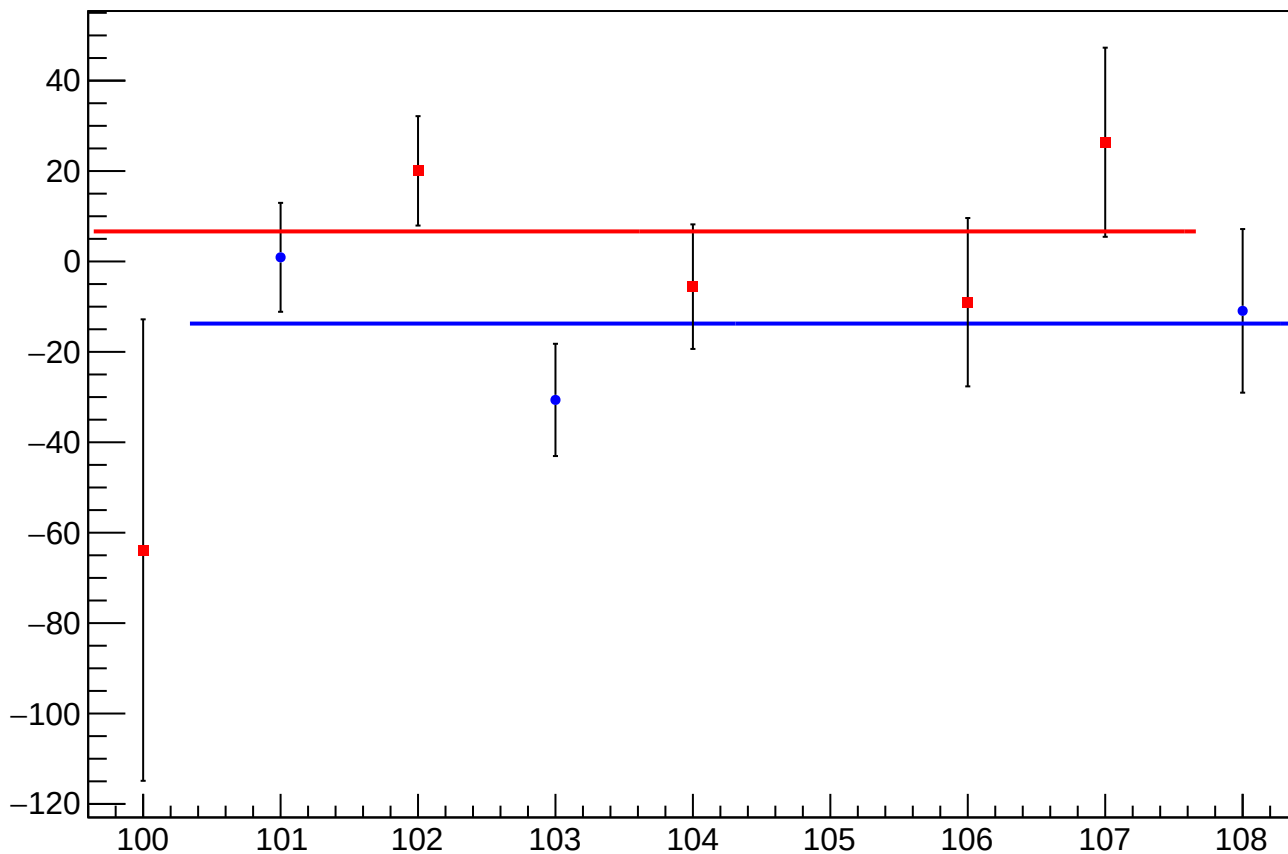
Right: 22.582 $\pm$ 0.009 χ^2 /NDF: 17721.9/7

In: 22.812 $\pm$ 0.013 χ^2 /NDF:6575.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 22.582 $\pm$ 0.009 χ^2 /NDF: 17721.9/7

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -13.741 $\pm$ 7.802 χ^2 /NDF: 3.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 6.645 $\pm$ 7.527 χ^2 /NDF: 5.5/4

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

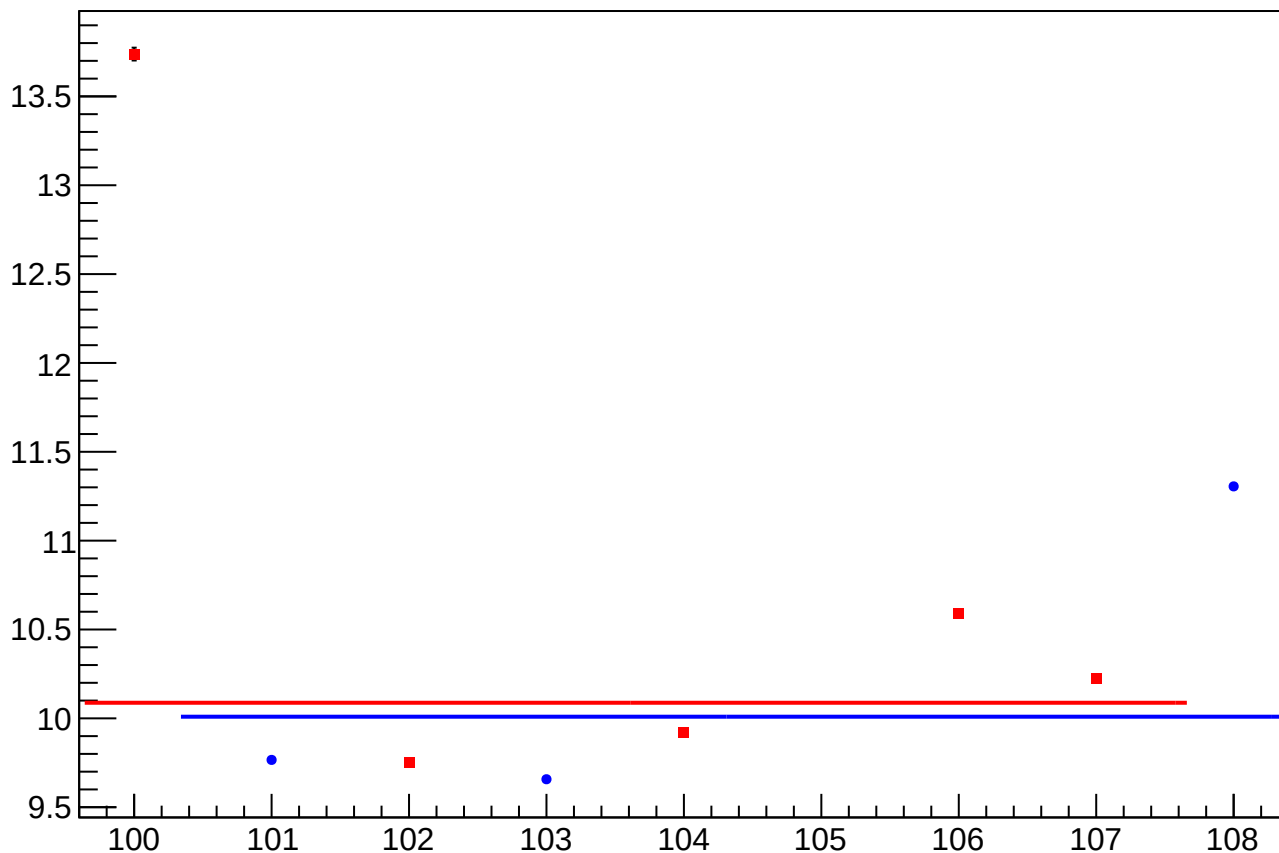
Right: -3.182 $\pm$ 5.417 χ^2 /NDF: 12.4/7

In: -13.741 $\pm$ 7.802 χ^2 /NDF:3.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -3.182 $\pm$ 5.417 χ^2 /NDF: 12.4/7

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.009+/-0.006 χ^2/NDF : 12678.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.088+/-0.005 χ^2/NDF : 13607.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

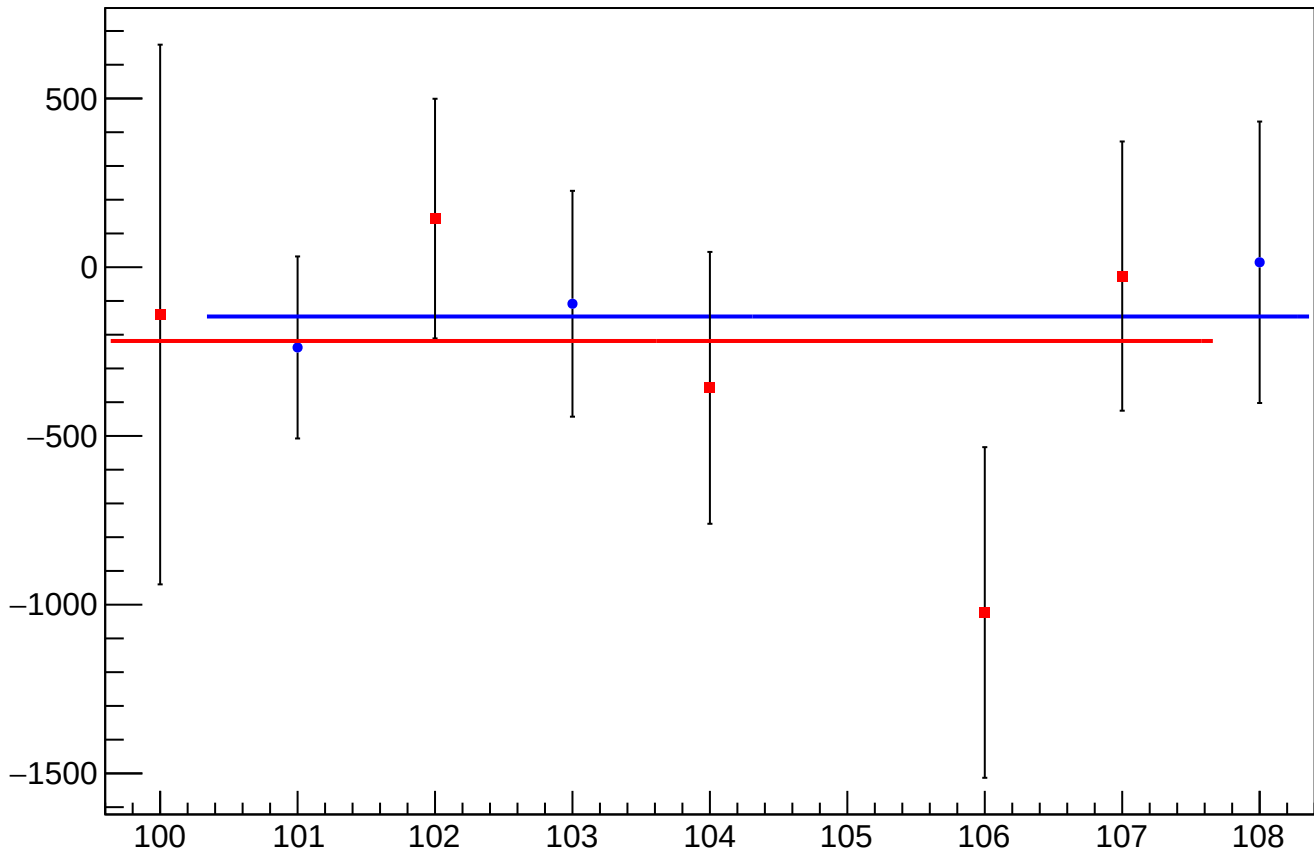
Right: 10.050+/-0.004 χ^2/NDF : 26390.9/7

In: 10.009+/-0.006 χ^2/NDF : 12678.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.050+/-0.004 χ^2/NDF : 26390.9/7

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: -146.051+/-187.552 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -218.597+/-195.698 χ^2/NDF : 4.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

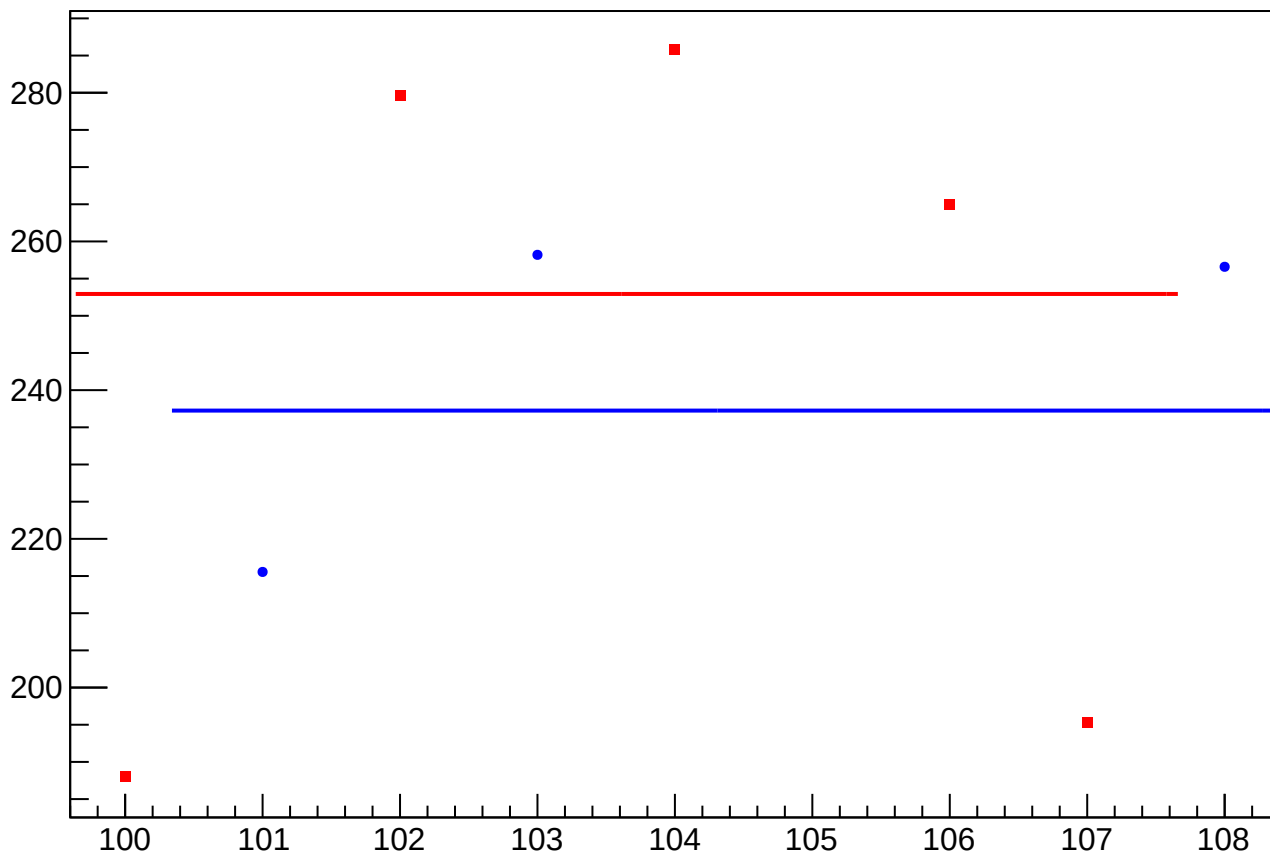
Right: -180.783+/-135.407 χ^2/NDF : 4.4/7

In: -146.051+/-187.552 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -180.783+/-135.407 χ^2/NDF : 4.4/7

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 237.251+/-0.133 χ^2/NDF : 25086.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 252.936+/-0.138 χ^2/NDF : 80825.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

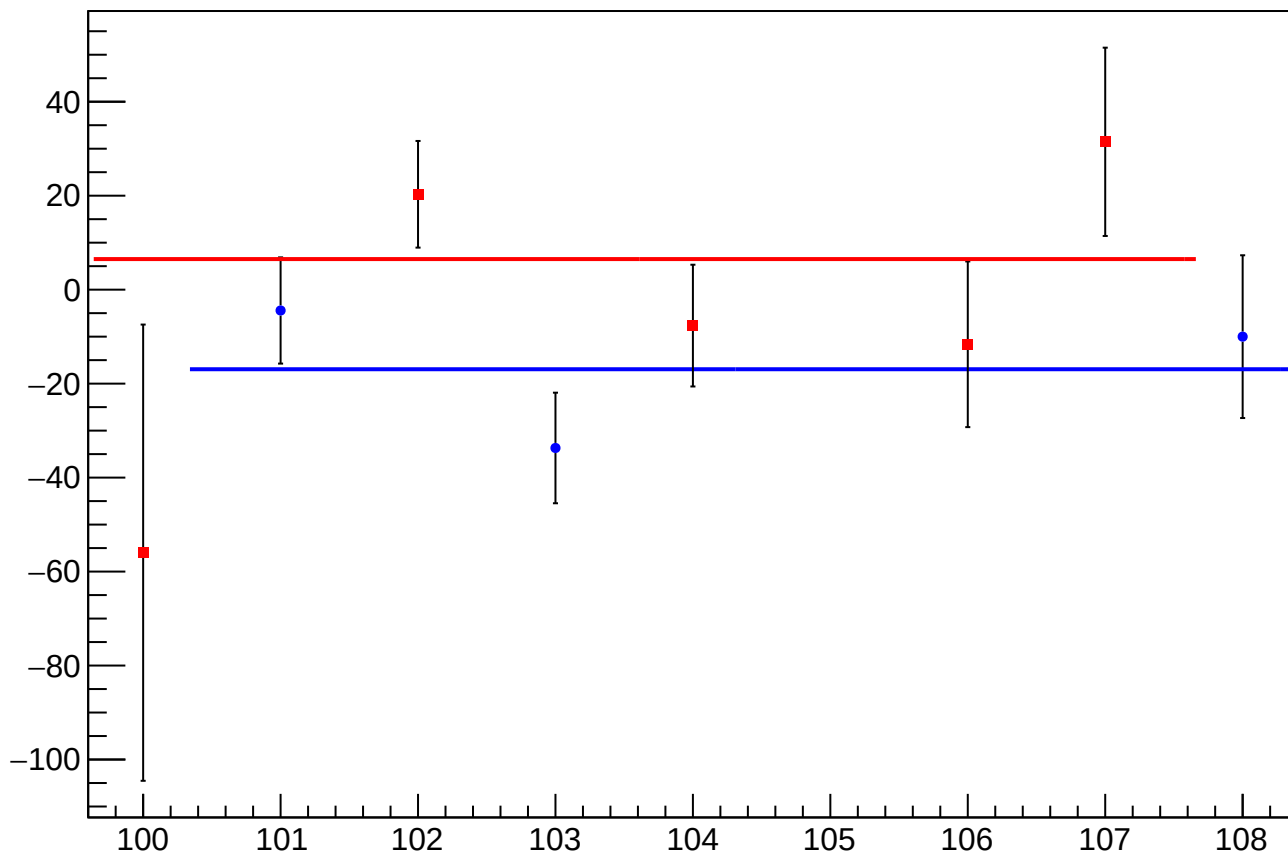
Right: 244.760+/-0.096 χ^2/NDF : 112609.1/7

In: 237.251+/-0.133 χ^2/NDF : 25086.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 244.760+/-0.096 χ^2/NDF : 112609.1/7

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -16.936 $\pm$ 7.376 χ^2 /NDF: 3.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 6.510 $\pm$ 7.097 χ^2 /NDF: 6.9/4

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

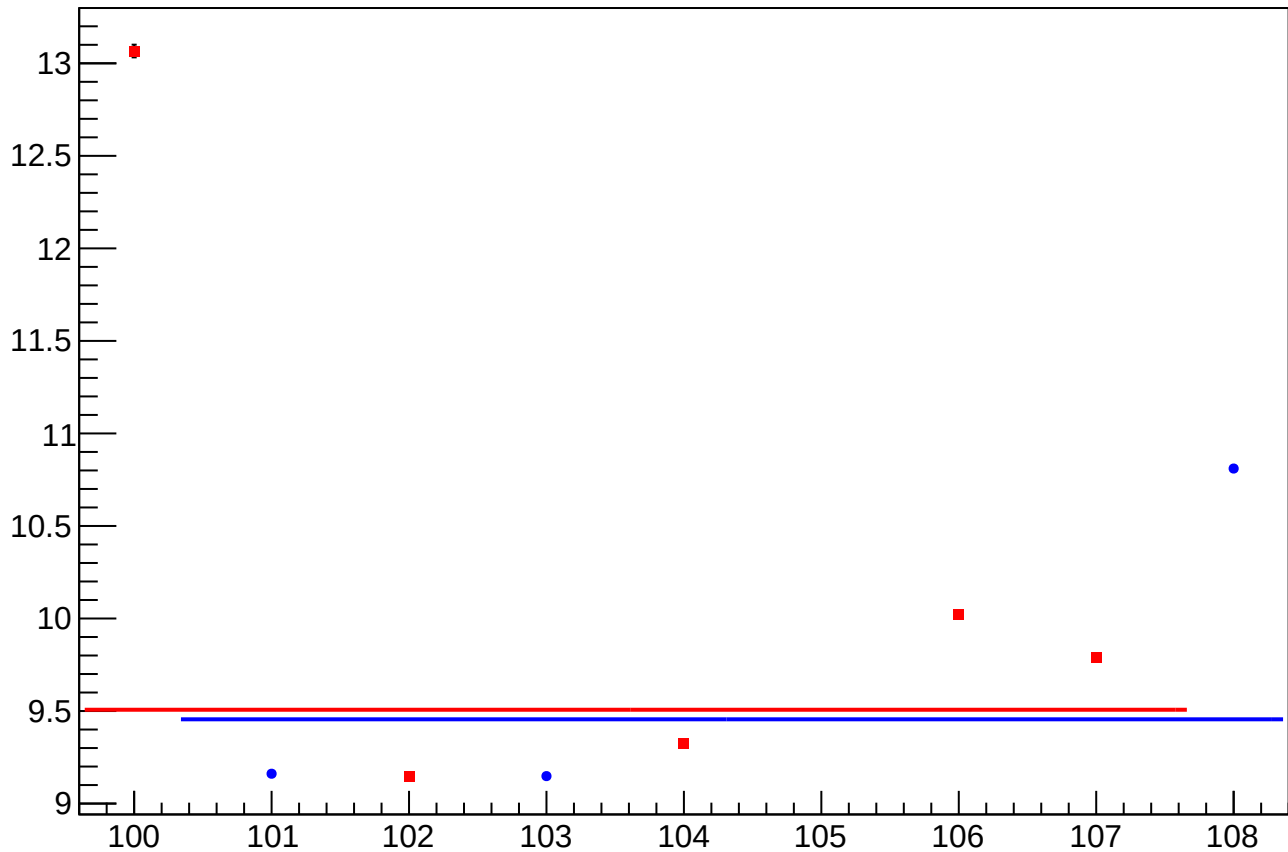
Right: -4.762 $\pm$ 5.114 χ^2 /NDF: 15.6/7

In: -16.936 $\pm$ 7.376 χ^2 /NDF:3.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.762 $\pm$ 5.114 χ^2 /NDF: 15.6/7

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 9.455+/-0.005 χ^2/NDF : 14957.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.507+/-0.005 χ^2/NDF : 15236.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

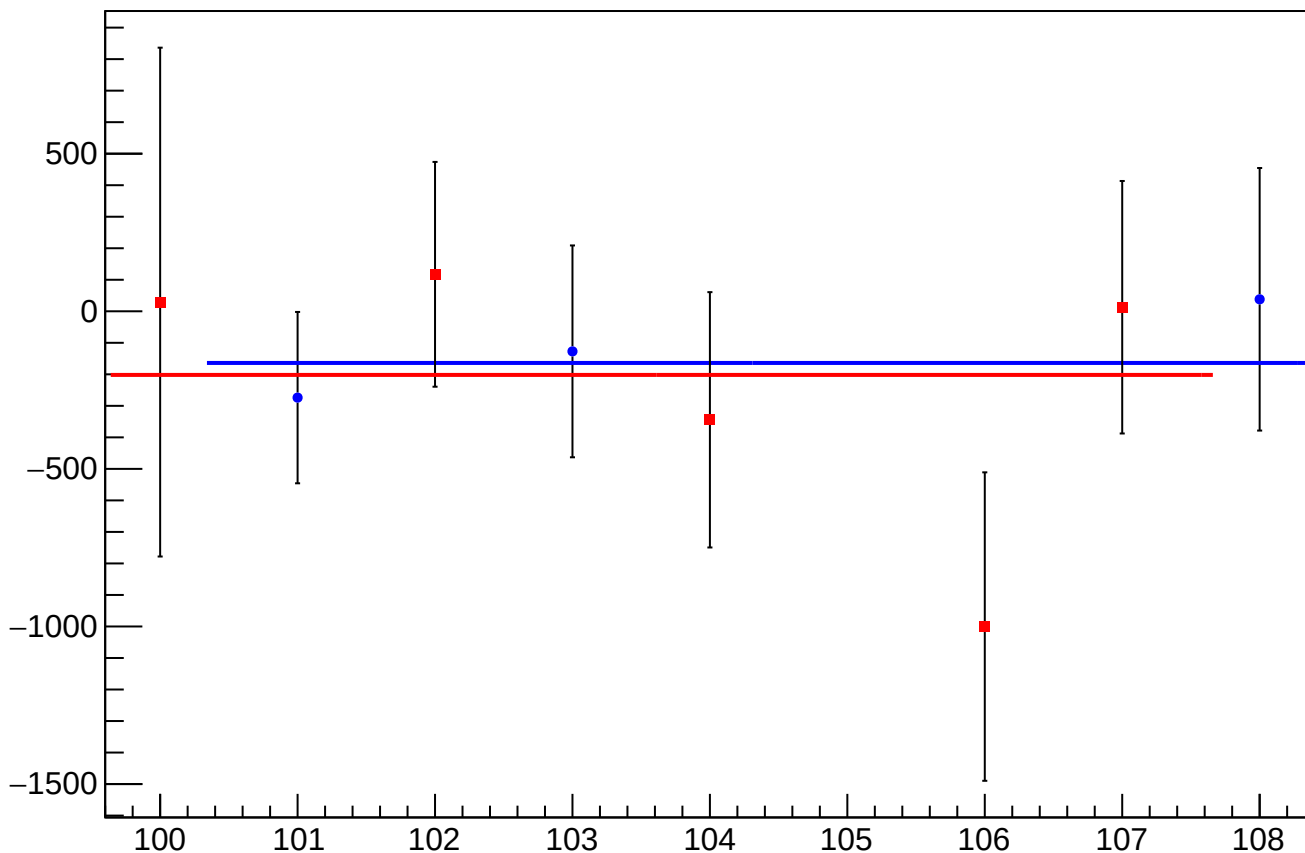
Right: 9.482+/-0.004 χ^2/NDF : 30245.4/7

In: 9.455+/-0.005 χ^2/NDF : 14957.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.482+/-0.004 χ^2/NDF : 30245.4/7

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -163.892 $\pm$ 188.471 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -201.875 $\pm$ 196.485 χ^2 /NDF: 4.0/4

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

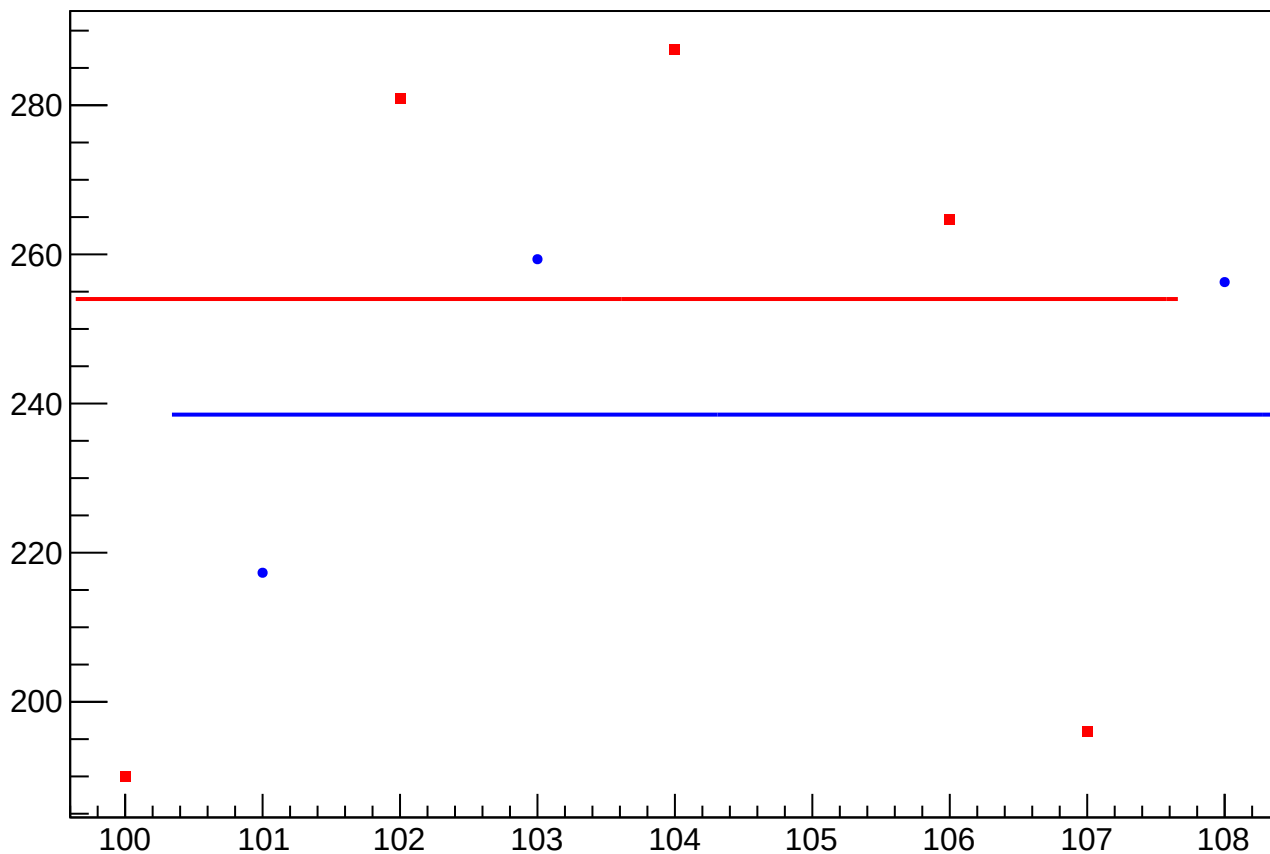
Right: -182.093 $\pm$ 136.014 χ^2 /NDF: 4.4/7

In: -163.892 $\pm$ 188.471 χ^2 /NDF: 0.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -182.093 $\pm$ 136.014 χ^2 /NDF: 4.4/7

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 238.514+/-0.133 χ^2/NDF : 23499.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 254.014+/-0.139 χ^2/NDF : 80388.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

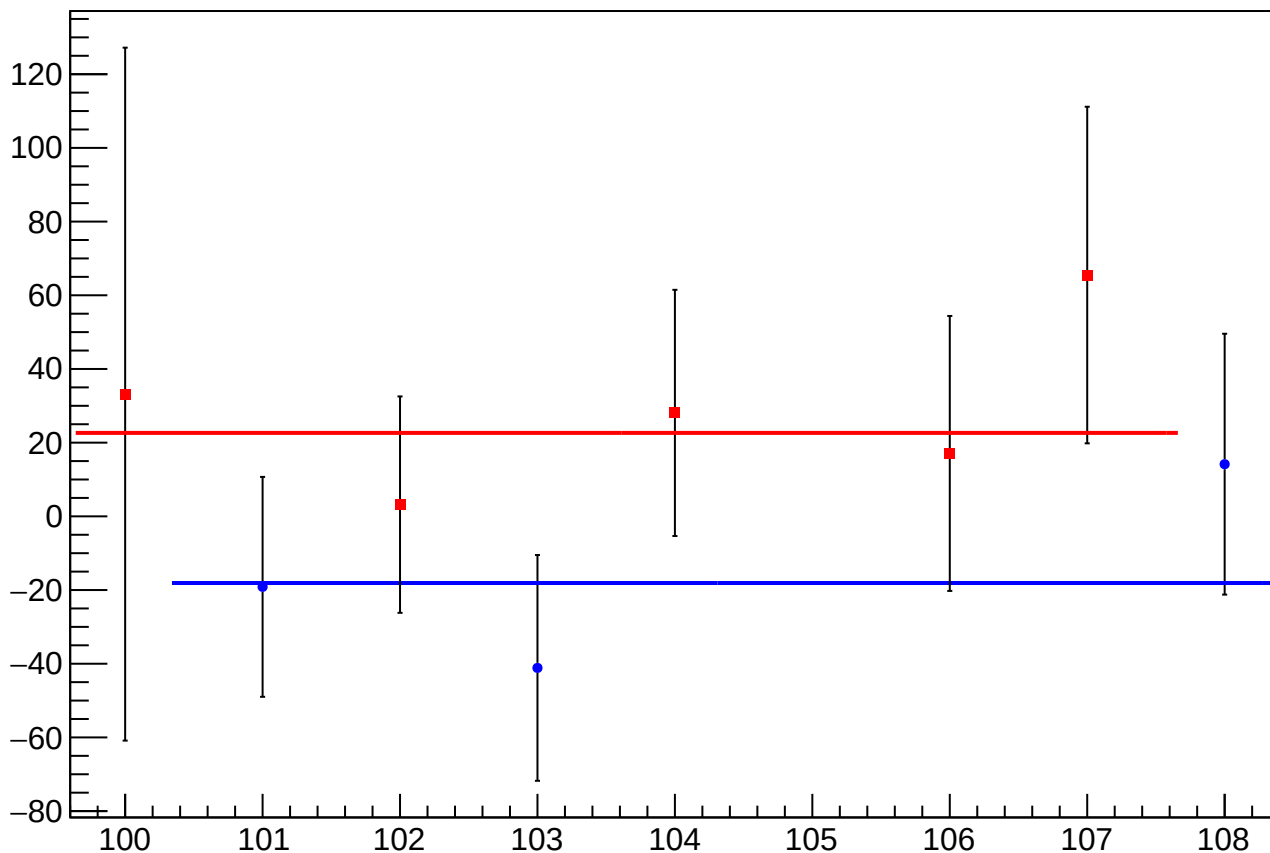
Right: 245.942+/-0.096 χ^2/NDF : 110370.4/7

In: 238.514+/-0.133 χ^2/NDF : 23499.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 245.942+/-0.096 χ^2/NDF : 110370.4/7

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -18.090 $\pm$ 18.299 χ^2 /NDF: 1.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 22.648 $\pm$ 17.236 χ^2 /NDF: 1.4/4

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

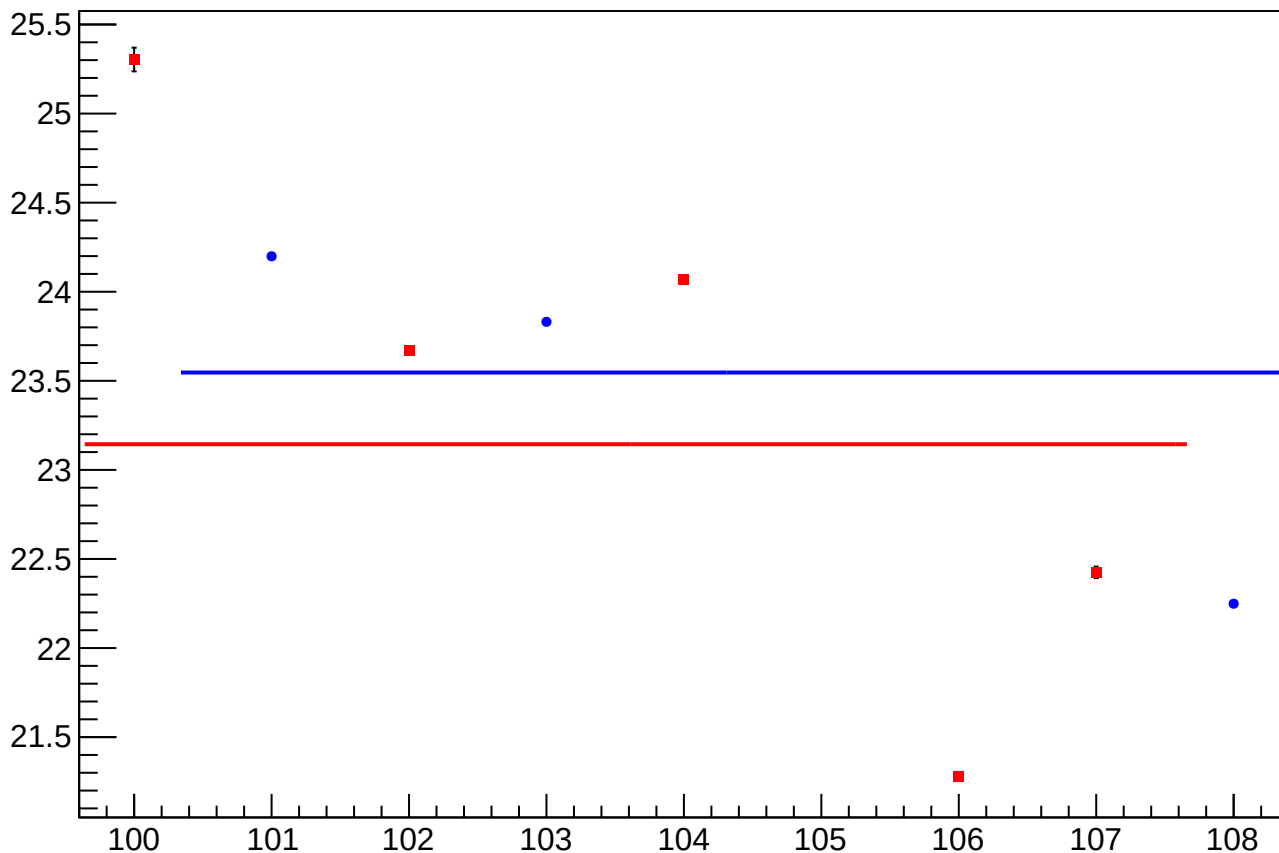
Right: 3.497 $\pm$ 12.547 χ^2 /NDF: 5.4/7

In: -18.090 $\pm$ 18.299 χ^2 /NDF:1.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.497 $\pm$ 12.547 χ^2 /NDF: 5.4/7

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 23.547+/-0.013 χ^2/NDF : 3816.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.144+/-0.012 χ^2/NDF : 8707.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

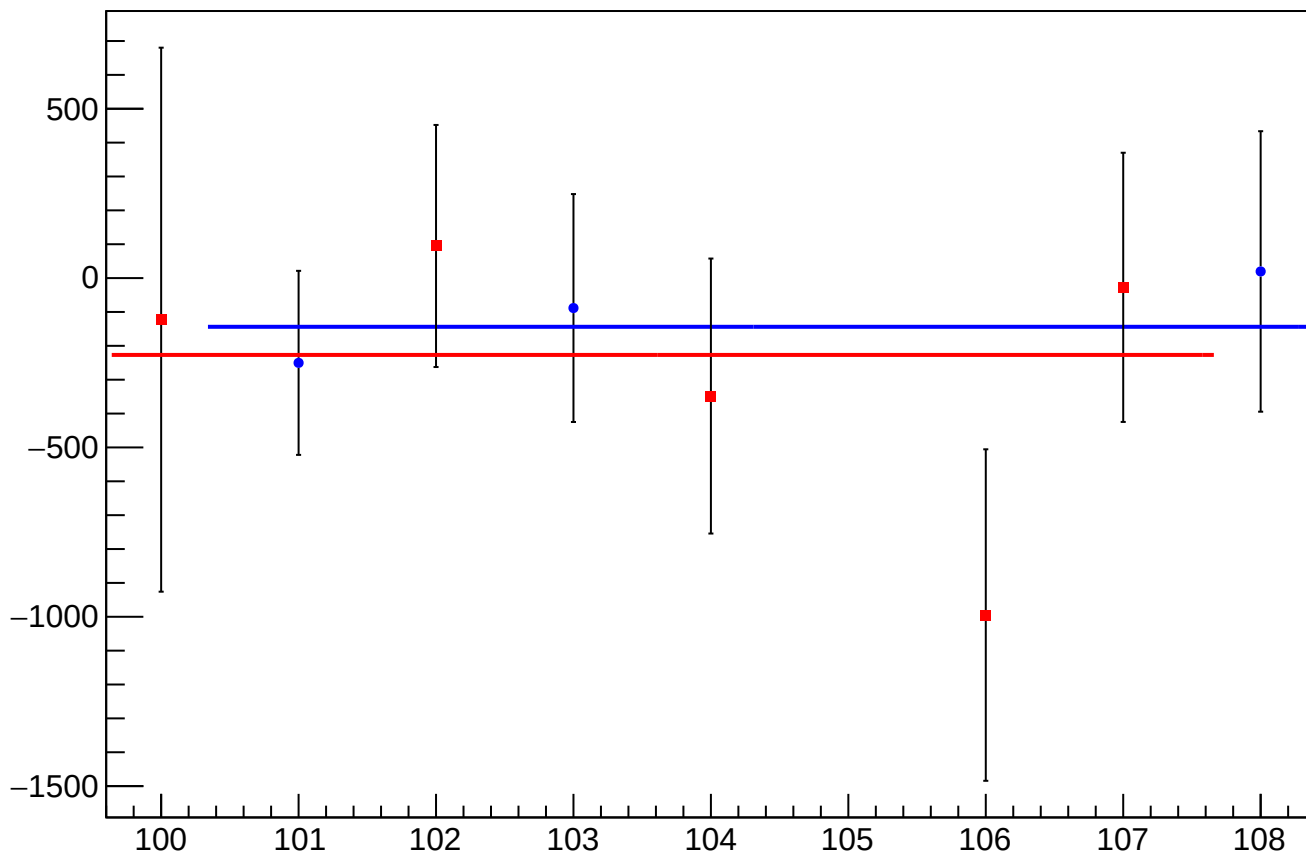
Right: 23.333+/-0.009 χ^2/NDF : 13036.1/7

In: 23.547+/-0.013 χ^2/NDF : 3816.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.333+/-0.009 χ^2/NDF : 13036.1/7

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -143.800+/-188.282 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -226.858+/-196.288 χ^2/NDF : 3.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

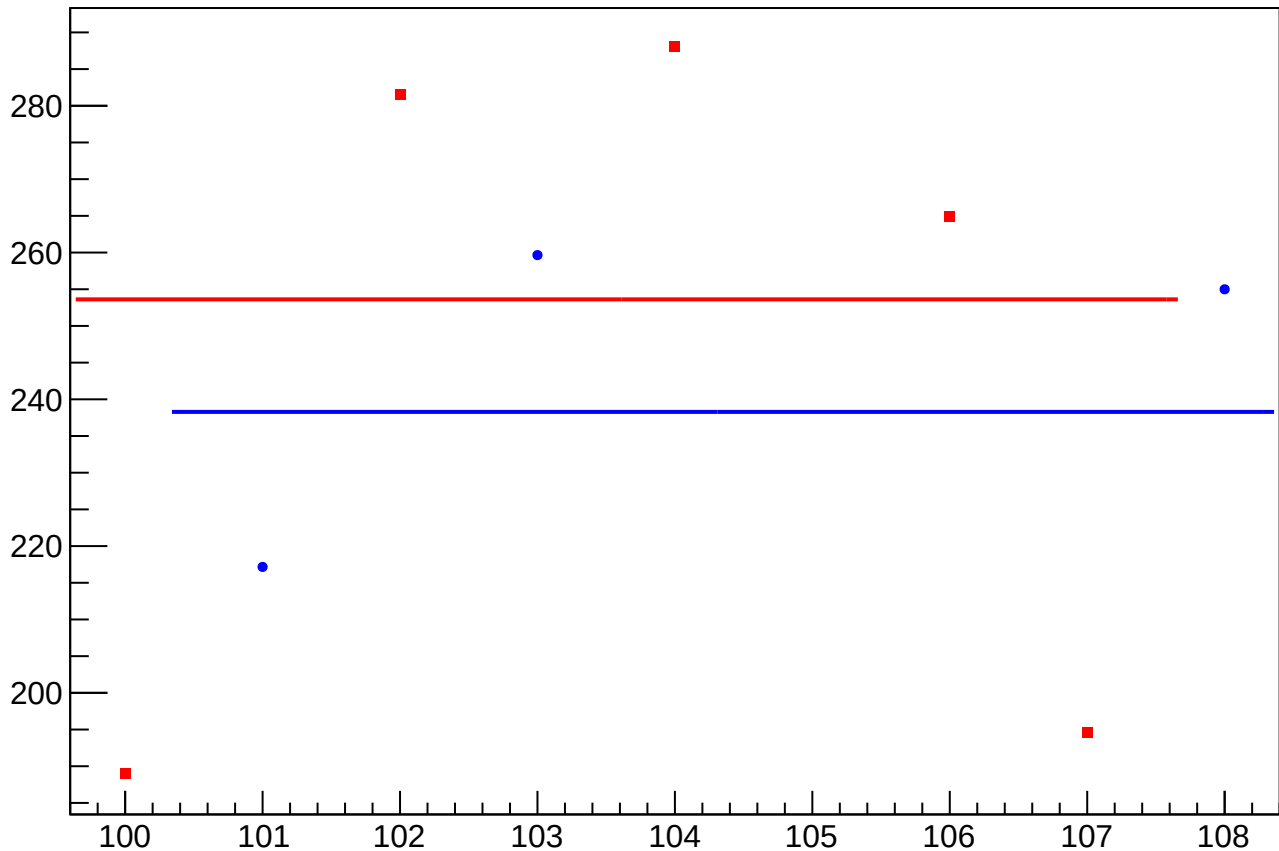
Right: -183.600+/-135.877 χ^2/NDF : 4.1/7

In: -143.800+/-188.282 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -183.600+/-135.877 χ^2/NDF : 4.1/7

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 238.286+/-0.133 χ^2/NDF : 23410.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 253.621+/-0.139 χ^2/NDF : 84729.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

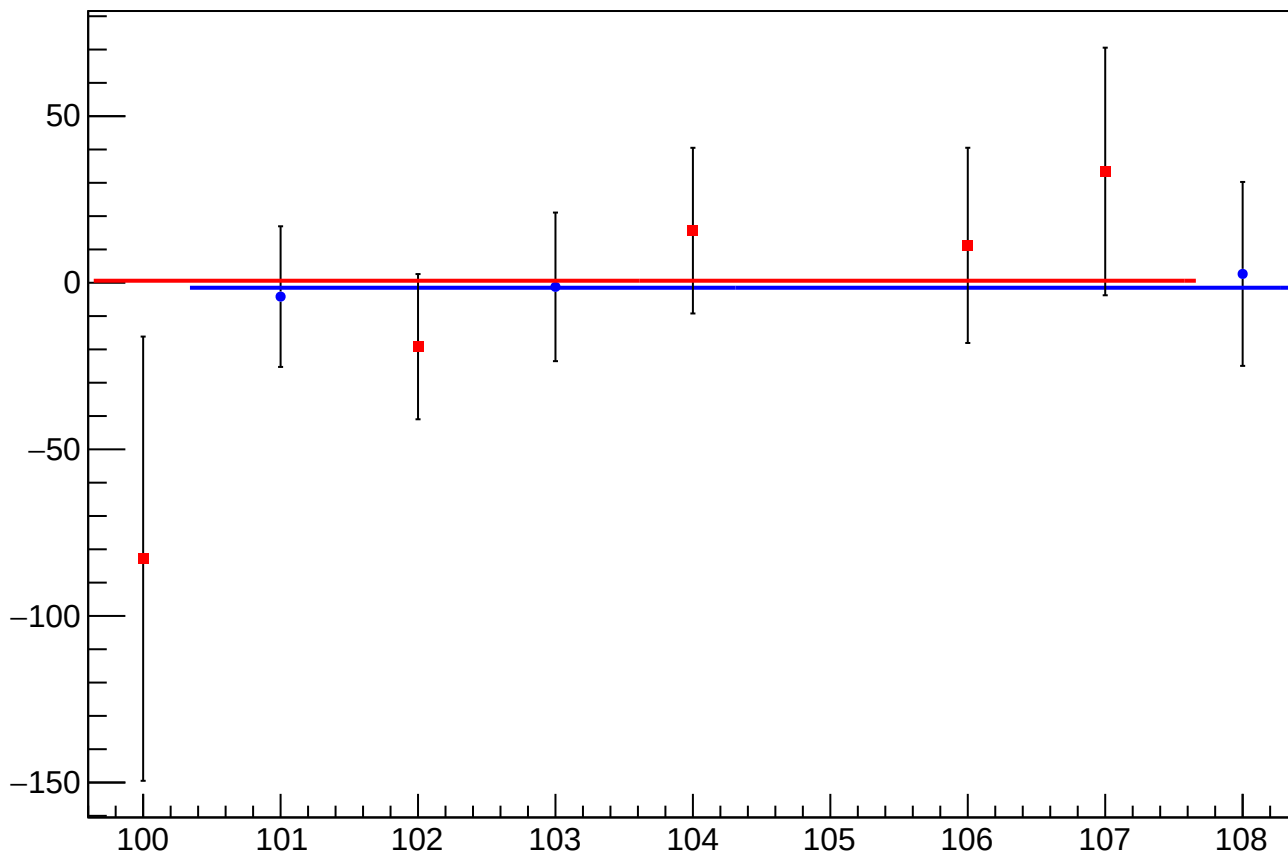
Right: 245.634+/-0.096 χ^2/NDF : 114496.4/7

In: 238.286+/-0.133 χ^2/NDF : 23410.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 245.634+/-0.096 χ^2/NDF : 114496.4/7

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -1.493+/-13.402 χ^2/NDF : 0.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.611+/-13.088 χ^2/NDF : 3.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

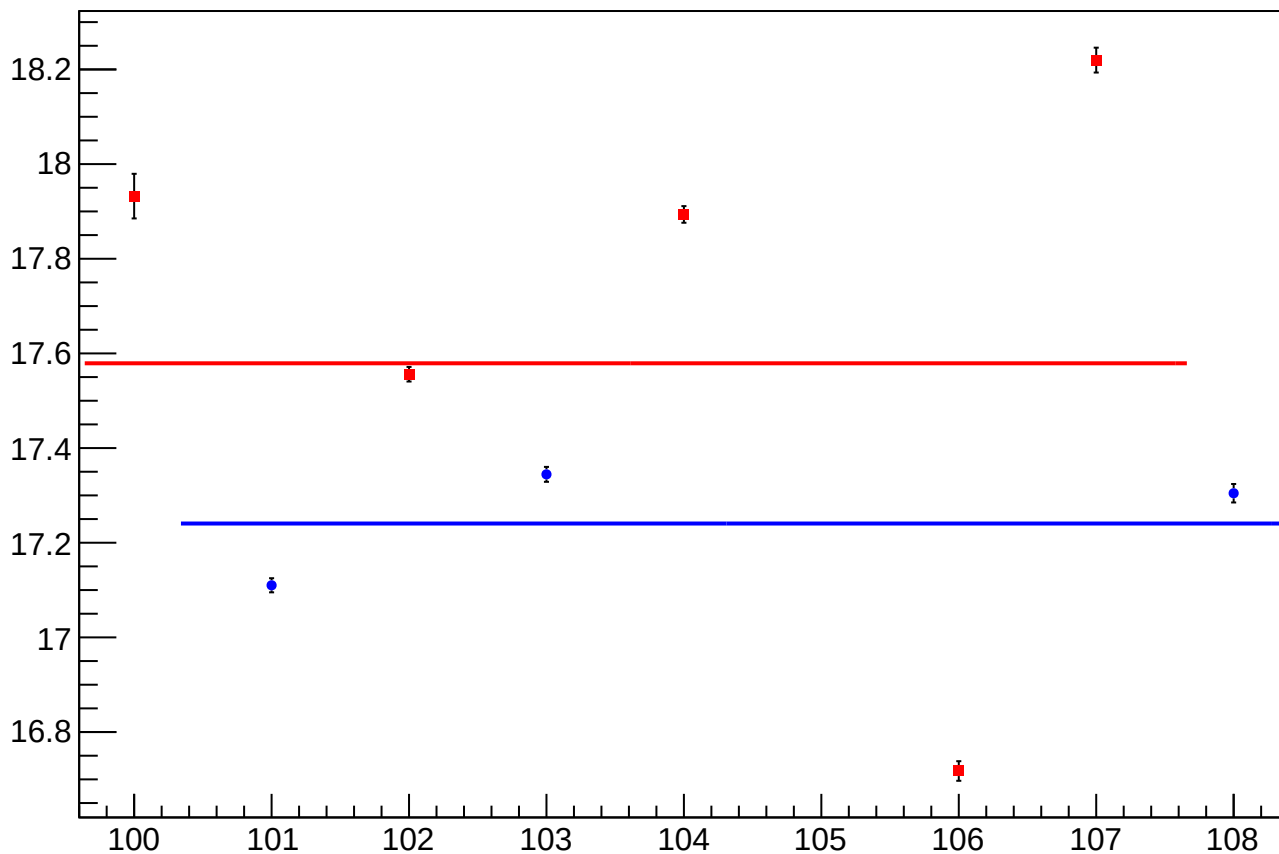
Right: -0.416+/-9.364 χ^2/NDF : 3.7/7

In: -1.493+/-13.402 χ^2/NDF : 0.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.416+/-9.364 χ^2/NDF : 3.7/7

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.241+/-0.009 χ^2/NDF : 130.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.579+/-0.009 χ^2/NDF : 2702.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

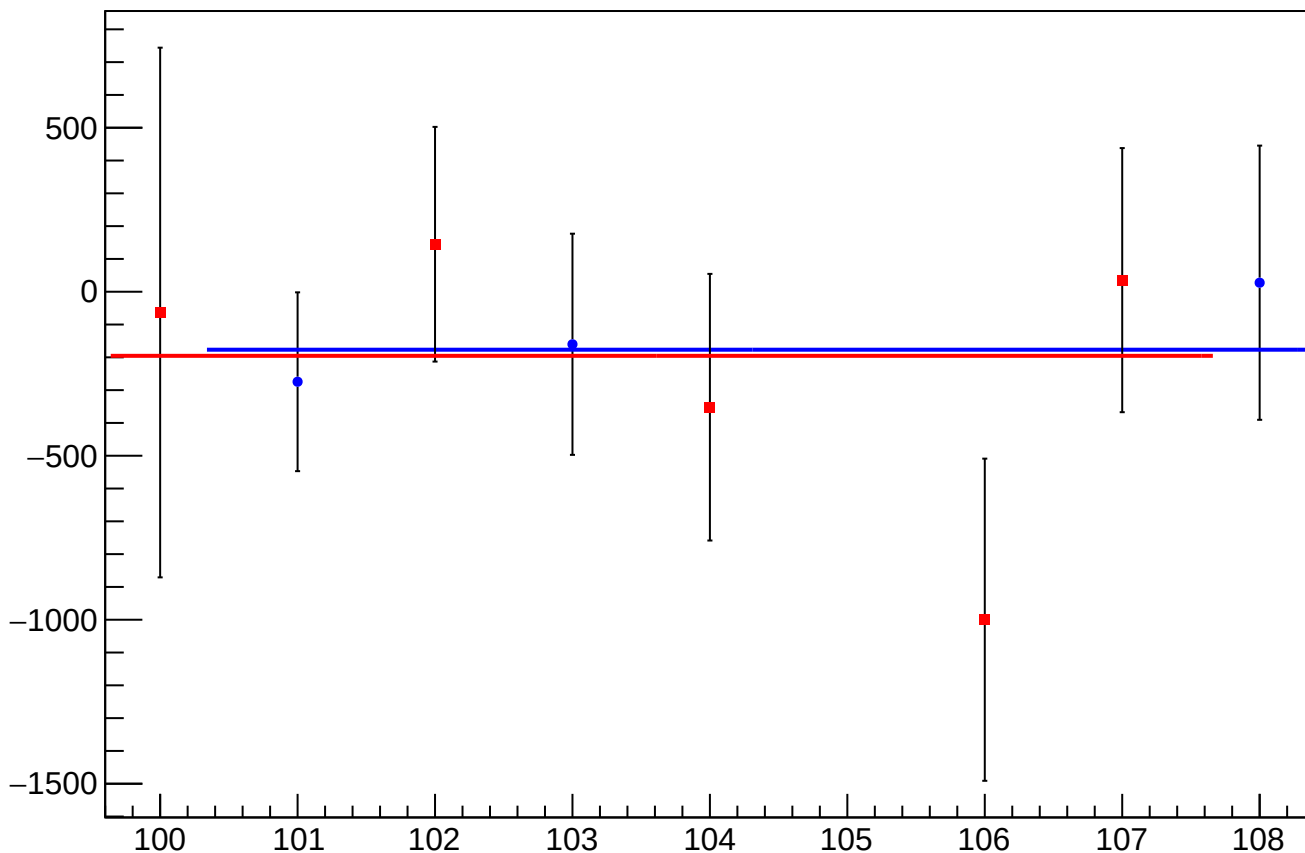
Right: 17.414+/-0.007 χ^2/NDF : 3485.9/7

In: 17.241+/-0.009 χ^2/NDF : 130.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.414+/-0.007 χ^2/NDF : 3485.9/7

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -176.759+/-189.049 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -195.414+/-197.200 χ^2/NDF : 4.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

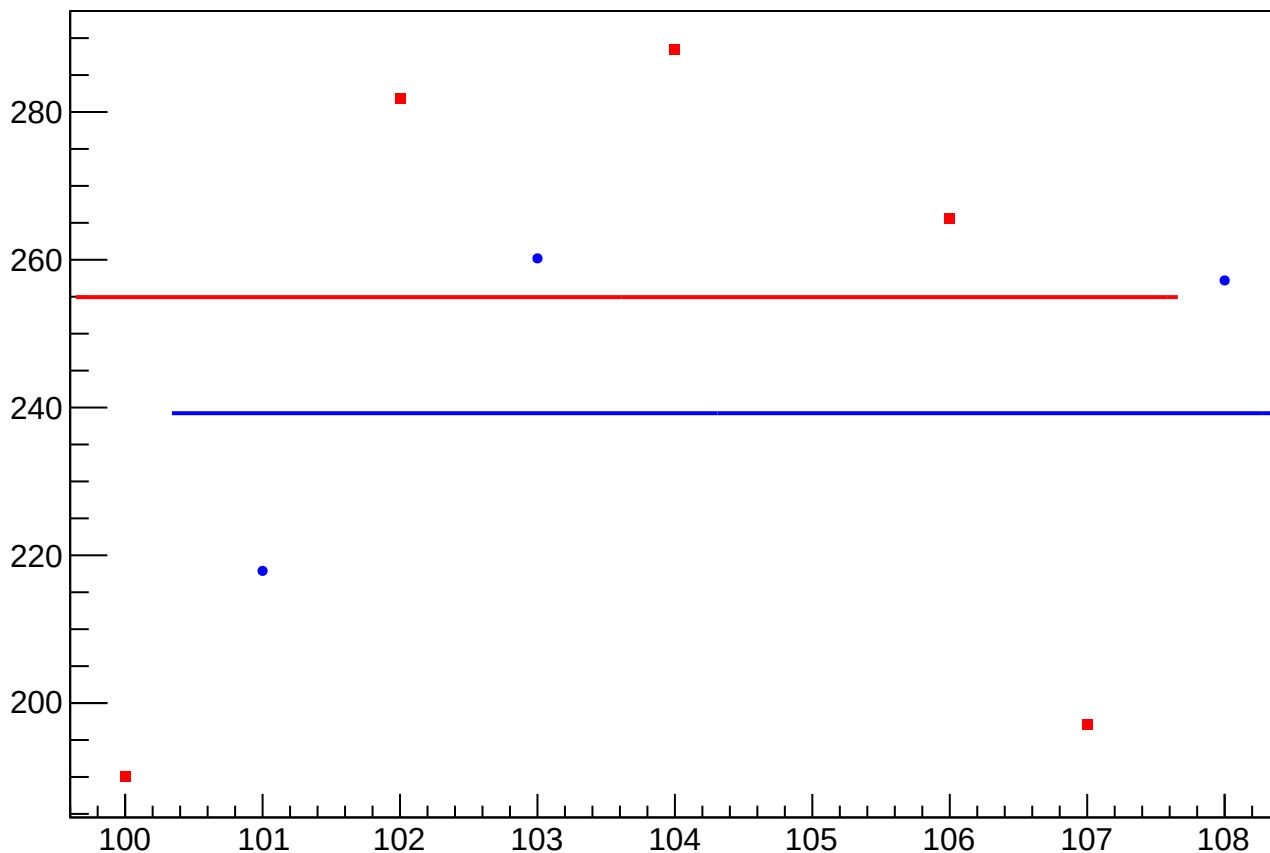
Right: -185.693+/-136.468 χ^2/NDF : 4.5/7

In: -176.759+/-189.049 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -185.693+/-136.468 χ^2/NDF : 4.5/7

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 239.233+/-0.134 χ^2/NDF : 23680.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 254.945+/-0.139 χ^2/NDF : 80049.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

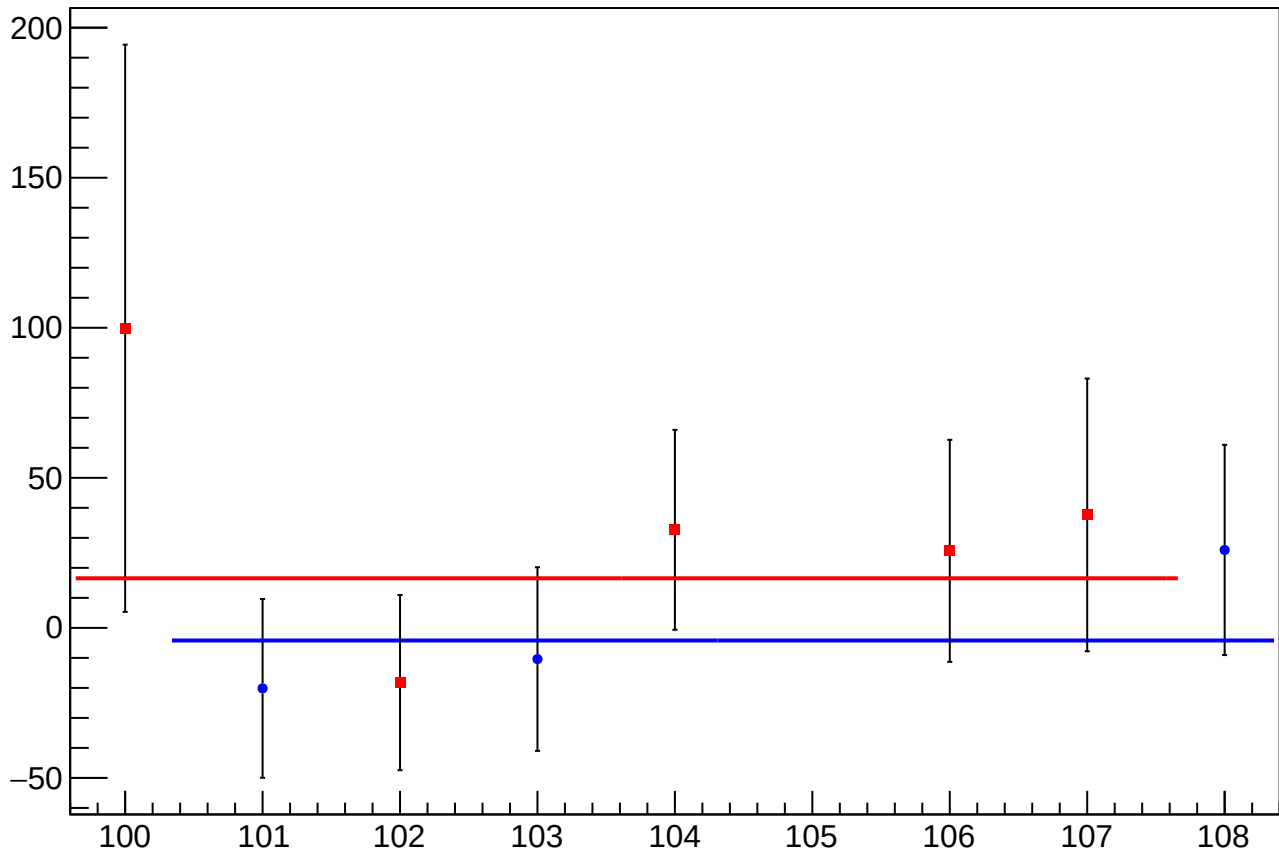
Right: 246.758+/-0.096 χ^2/NDF : 110345.1/7

In: 239.233+/-0.134 χ^2/NDF : 23680.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 246.758+/-0.096 χ^2/NDF : 110345.1/7

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.202 $\pm$ 18.227 χ^2 /NDF: 1.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 16.526 $\pm$ 17.145 χ^2 /NDF: 2.7/4

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

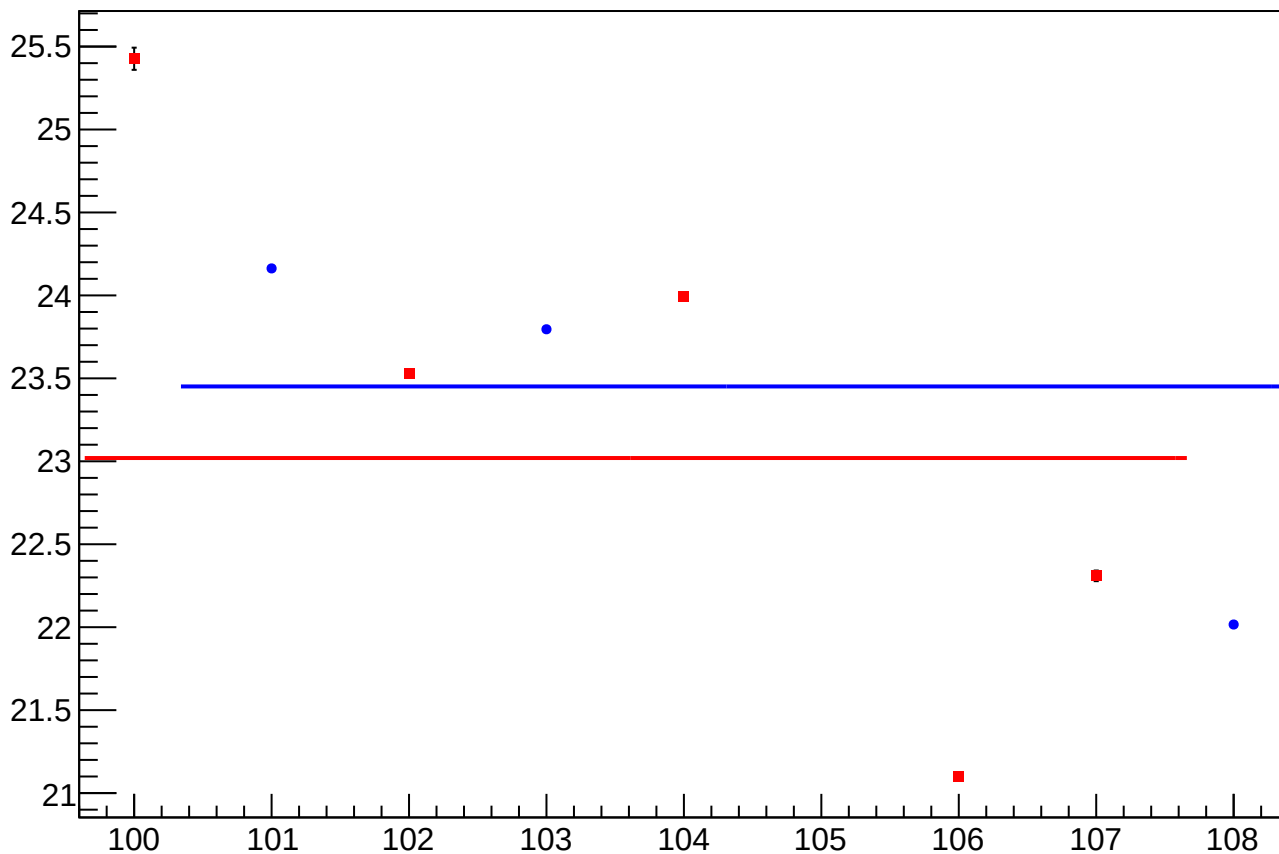
Right: 6.795 $\pm$ 12.488 χ^2 /NDF: 4.5/7

In: -4.202 $\pm$ 18.227 χ^2 /NDF:1.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 6.795 $\pm$ 12.488 χ^2 /NDF: 4.5/7

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 23.451+/-0.013 χ^2/NDF : 4751.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.020+/-0.012 χ^2/NDF : 9487.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

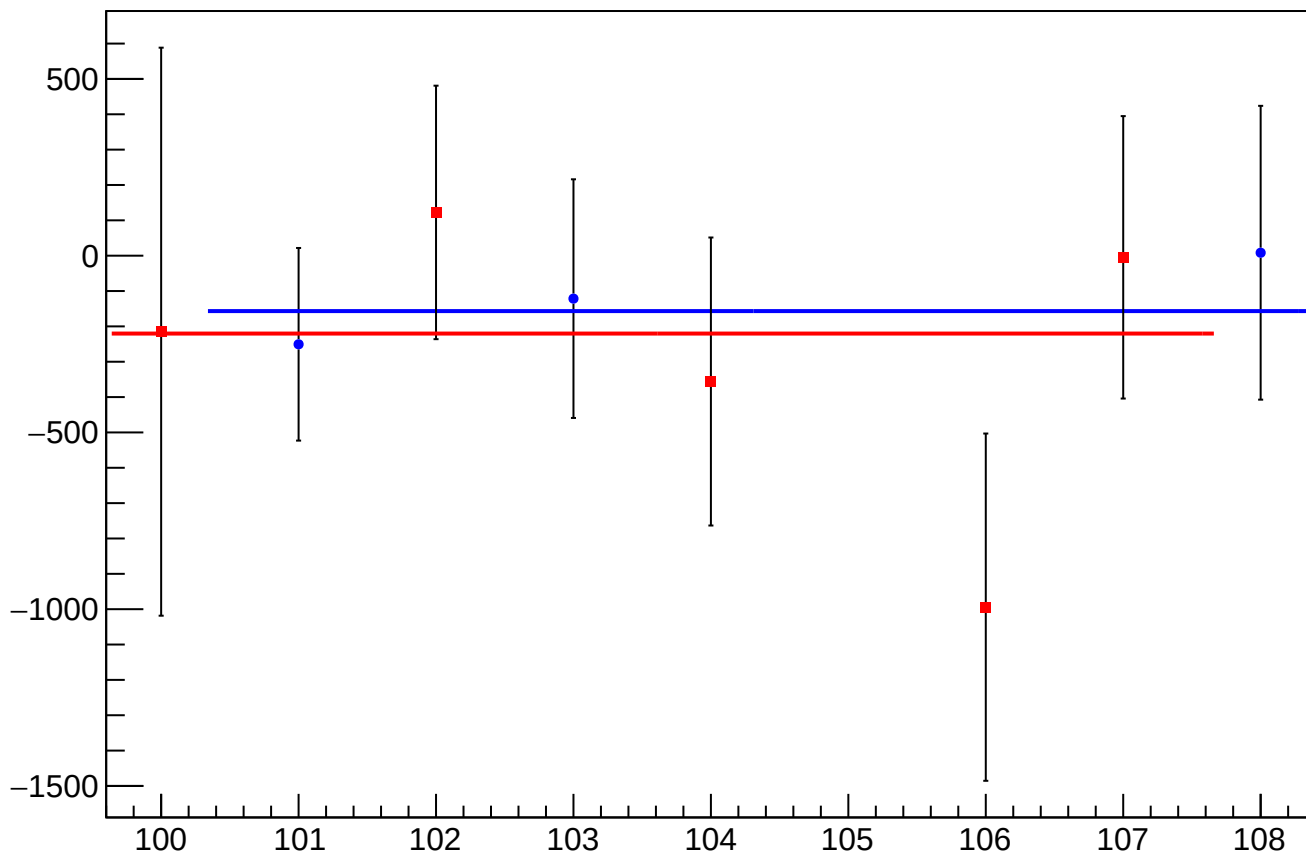
Right: 23.222+/-0.009 χ^2/NDF : 14833.3/7

In: 23.451+/-0.013 χ^2/NDF : 4751.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.222+/-0.009 χ^2/NDF : 14833.3/7

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -156.741+/-188.858 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -220.307+/-197.005 χ^2/NDF : 3.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

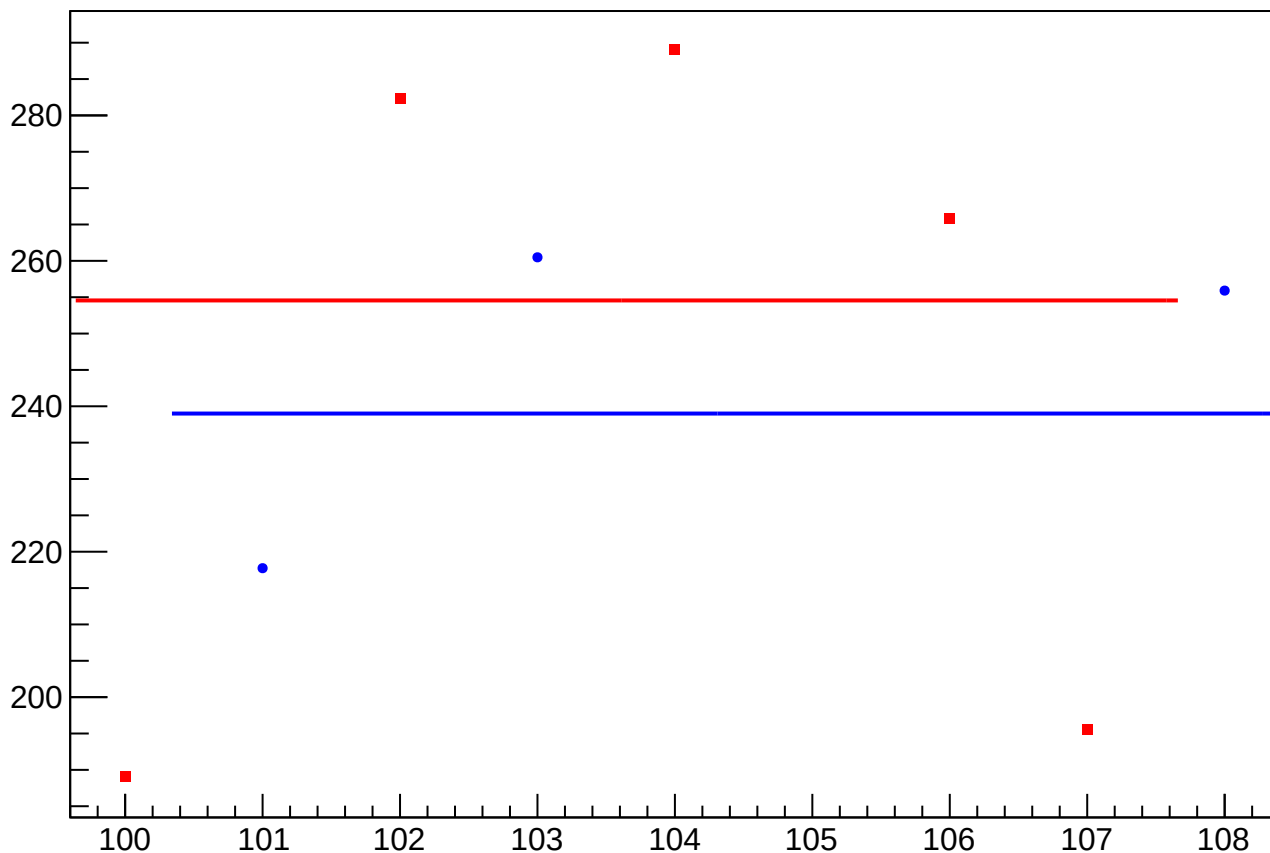
Right: -187.182+/-136.332 χ^2/NDF : 4.1/7

In: -156.741+/-188.858 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -187.182+/-136.332 χ^2/NDF : 4.1/7

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 239.001 $\pm$ 0.134 χ^2 /NDF: 23595.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 254.555 $\pm$ 0.139 χ^2 /NDF: 84337.7/4

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

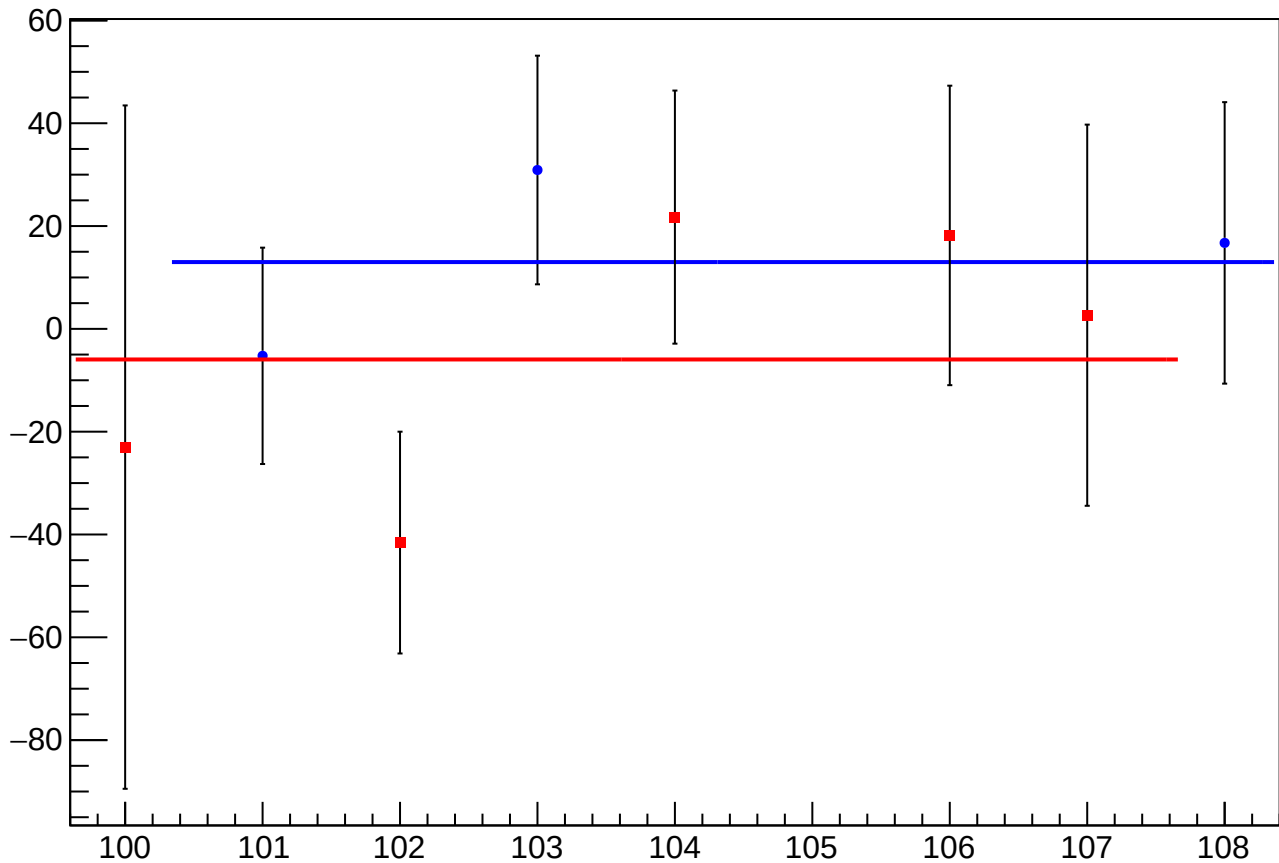
Right: 246.450 $\pm$ 0.096 χ^2 /NDF: 114430.5/7

In: 239.001 $\pm$ 0.134 χ^2 /NDF:23595.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 246.450 $\pm$ 0.096 χ^2 /NDF: 114430.5/7

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 12.994+/-13.347 χ^2/NDF : 1.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.953+/-12.984 χ^2/NDF : 4.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

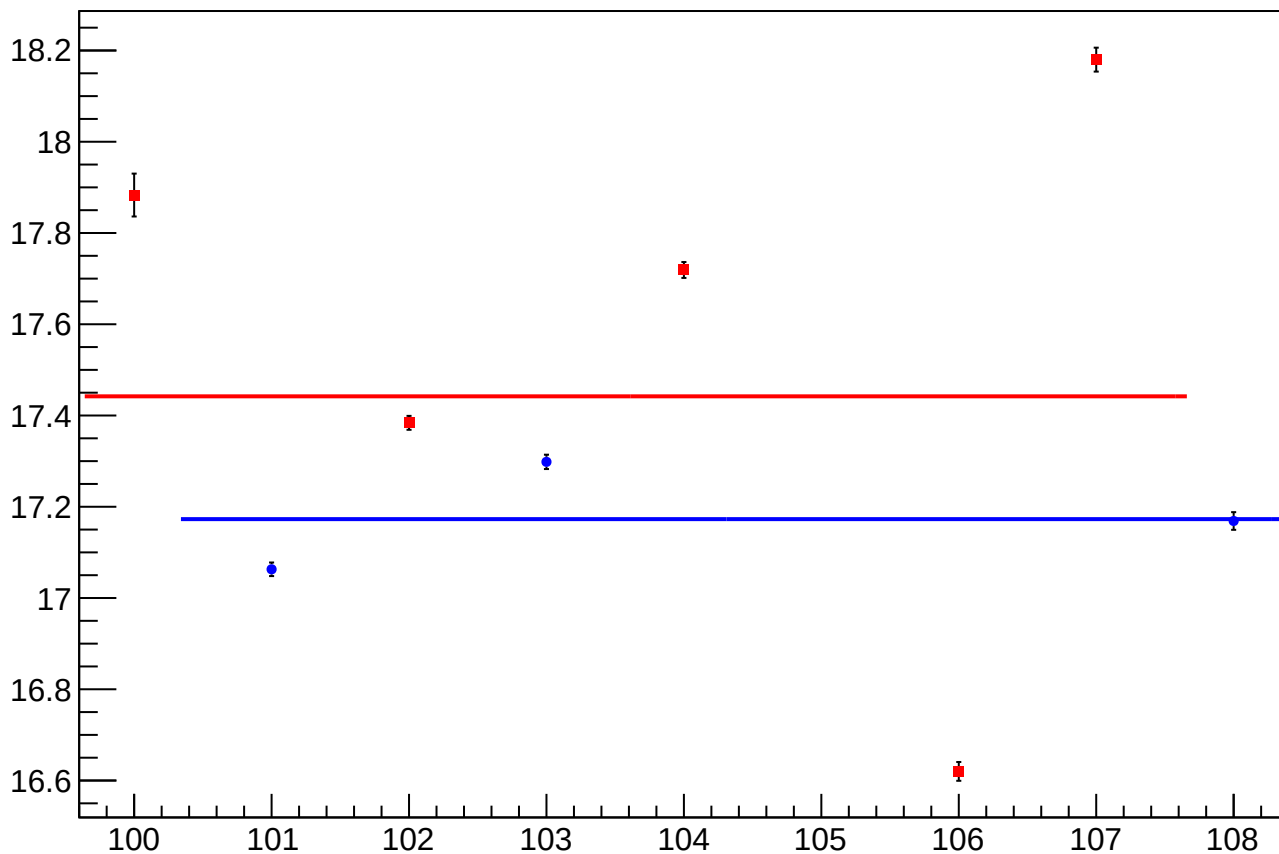
Right: 3.260+/-9.307 χ^2/NDF : 7.3/7

In: 12.994+/-13.347 χ^2/NDF : 1.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.260+/-9.307 χ^2/NDF : 7.3/7

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.173+/-0.009 χ^2/NDF : 118.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.442+/-0.009 χ^2/NDF : 2740.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

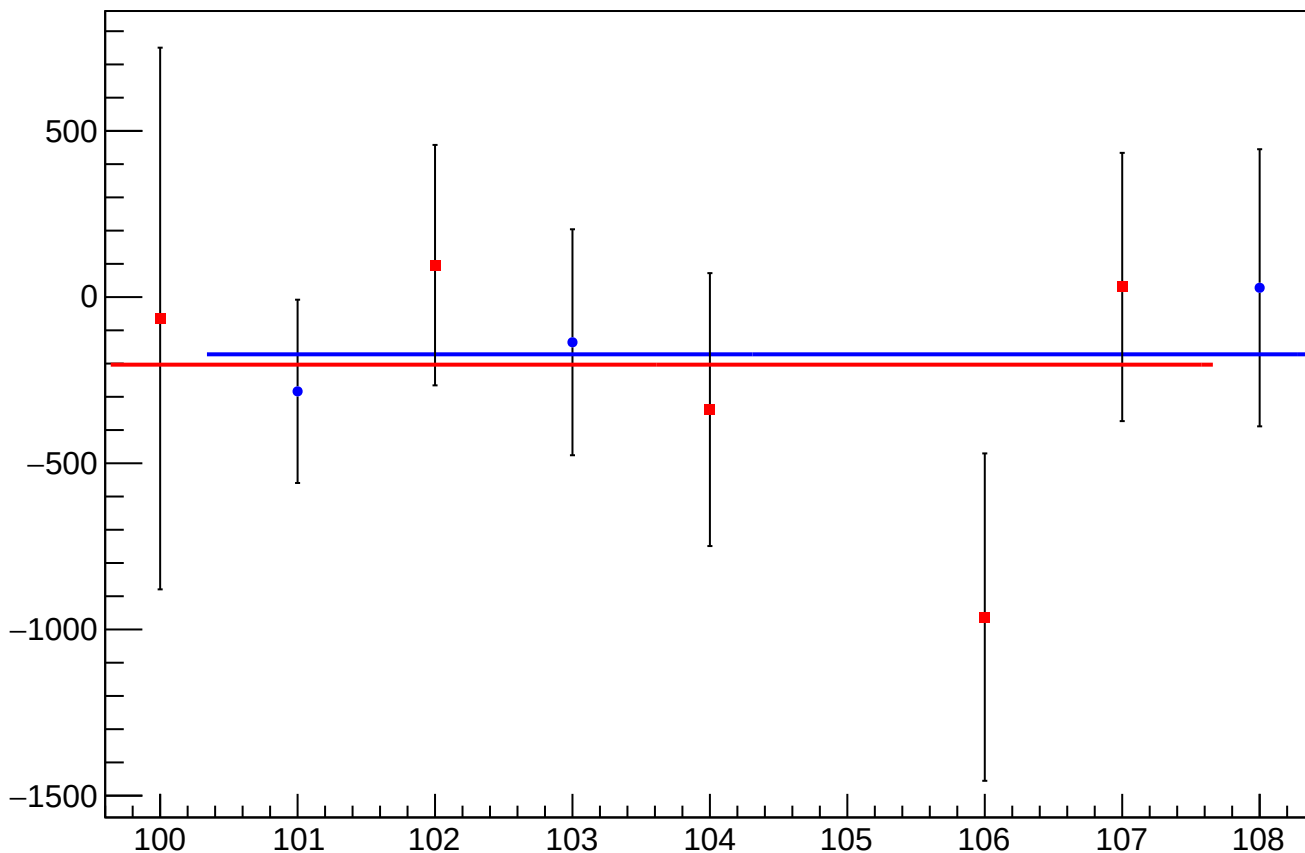
Right: 17.311+/-0.007 χ^2/NDF : 3276.9/7

In: 17.173+/-0.009 χ^2/NDF : 118.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.311+/-0.007 χ^2/NDF : 3276.9/7

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -172.149+/-190.478 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -203.285+/-198.630 χ^2/NDF : 3.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

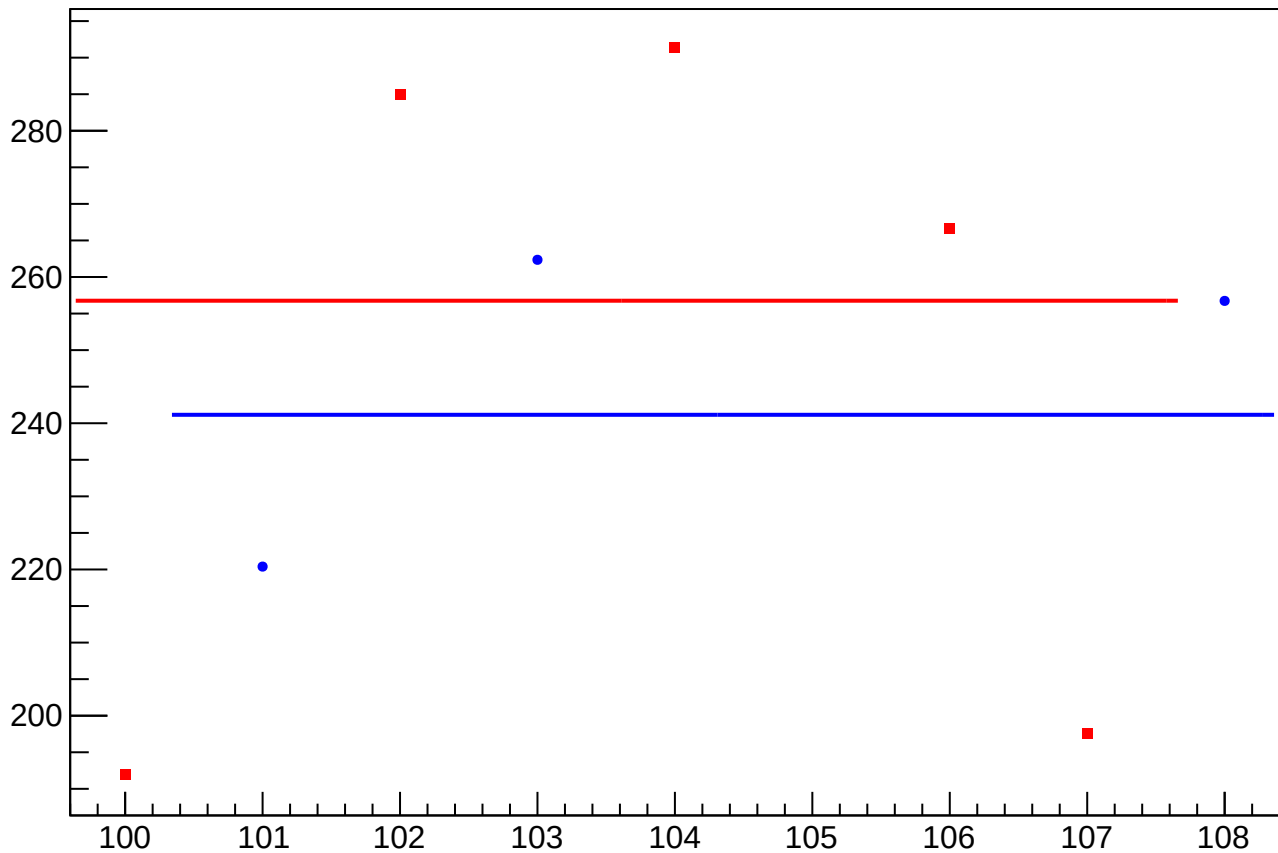
Right: -187.065+/-137.480 χ^2/NDF : 4.0/7

In: -172.149+/-190.478 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -187.065+/-137.480 χ^2/NDF : 4.0/7

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 241.154+/-0.135 χ^2/NDF : 21908.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 256.757+/-0.140 χ^2/NDF : 82816.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

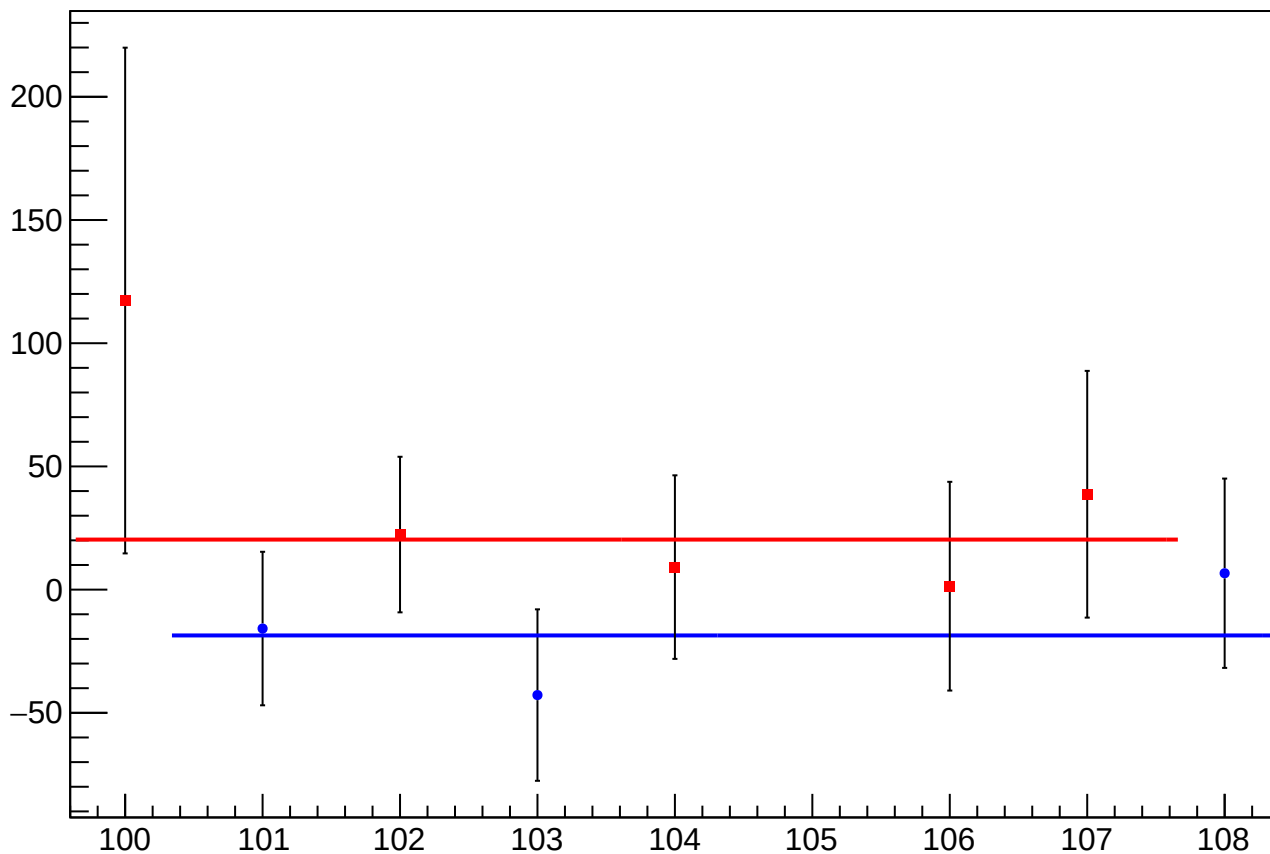
Right: 248.629+/-0.097 χ^2/NDF : 111153.8/7

In: 241.154+/-0.135 χ^2/NDF : 21908.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 248.629+/-0.097 χ^2/NDF : 111153.8/7

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -18.593 $\pm$ 19.864 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 20.312 $\pm$ 18.981 χ^2 /NDF: 1.3/4

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

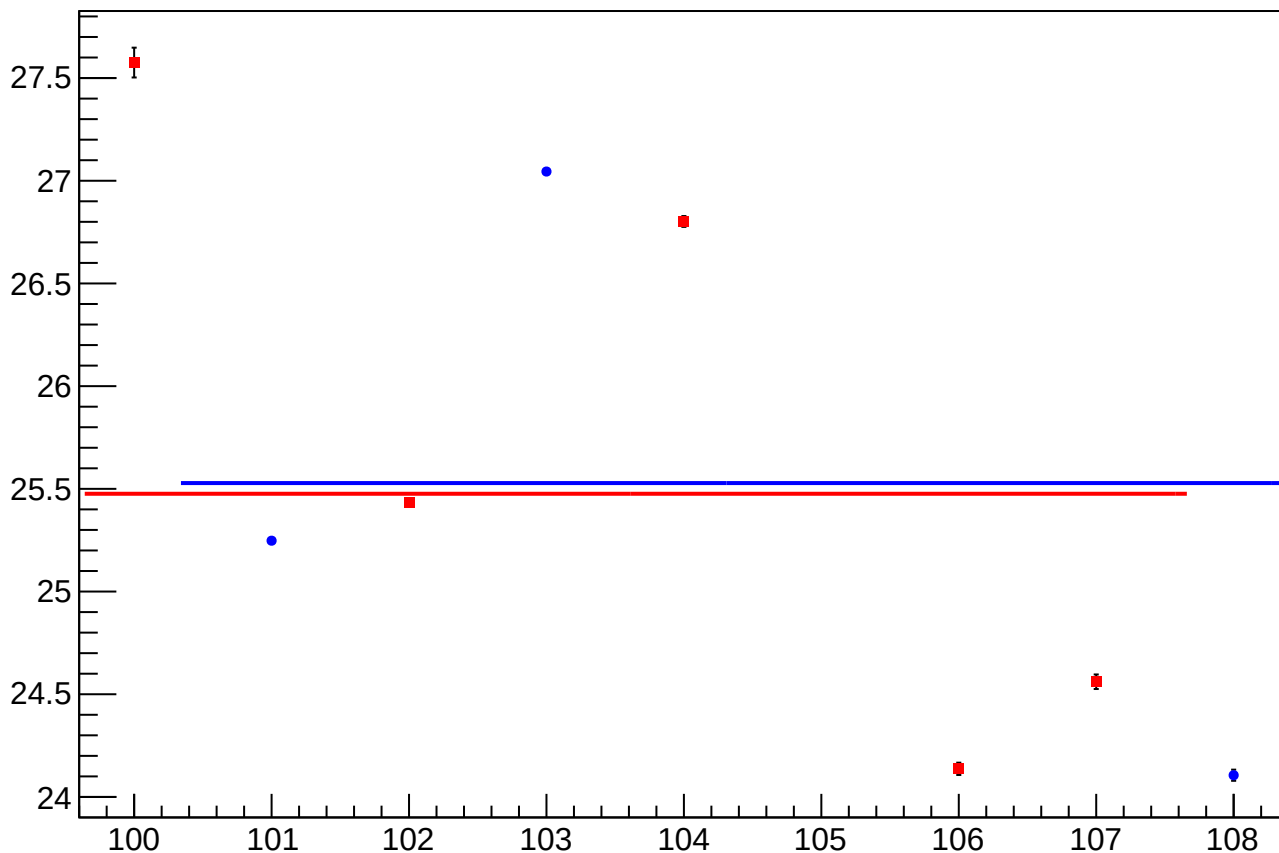
Right: 1.743 $\pm$ 13.723 χ^2 /NDF: 4.3/7

In: -18.593 $\pm$ 19.864 χ^2 /NDF:0.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.743 $\pm$ 13.723 χ^2 /NDF: 4.3/7

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.528+/-0.014 χ^2/NDF : 6705.6/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 25.476+/-0.013 χ^2/NDF : 6042.3/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

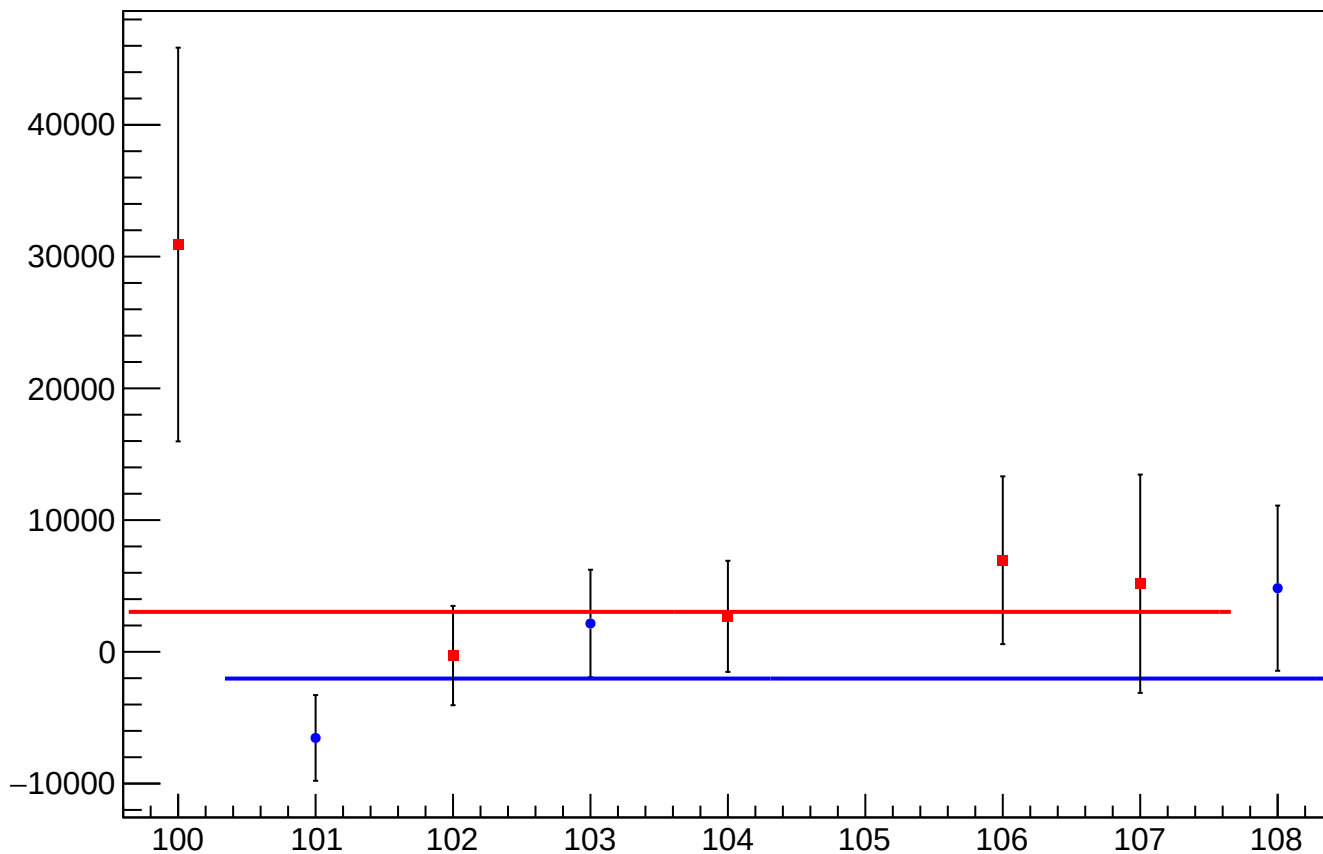
Right: 25.501+/-0.010 χ^2/NDF : 12755.1/7

In: 25.528+/-0.014 χ^2/NDF :6705.6/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 25.501+/-0.010 χ^2/NDF : 12755.1/7

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -2028.449 $\pm$ 2357.024 χ^2 /NDF: 4.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3032.947 $\pm$ 2423.053 χ^2 /NDF: 4.7/4

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

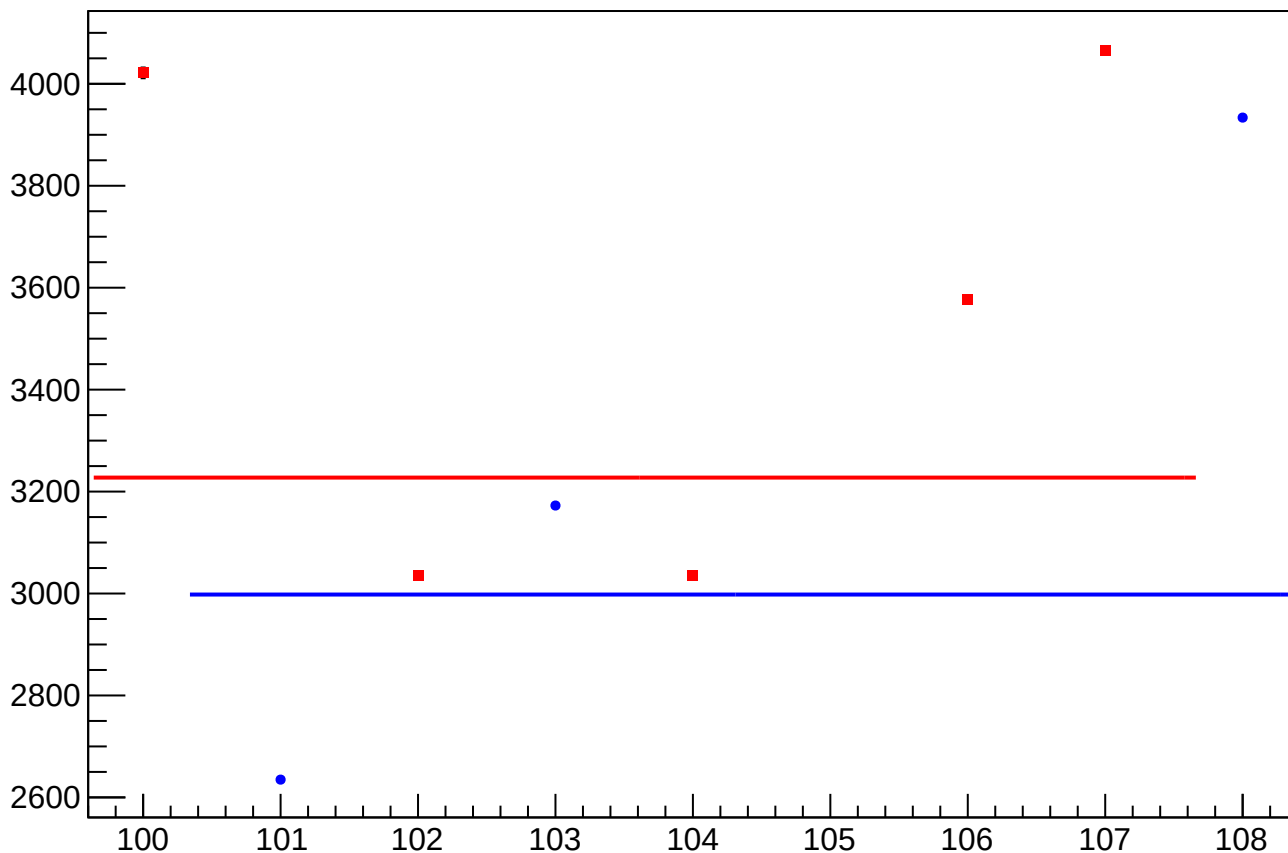
Right: 432.347 $\pm$ 1689.529 χ^2 /NDF: 11.1/7

In: -2028.449 $\pm$ 2357.024 χ^2 /NDF:4.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 432.347 $\pm$ 1689.529 χ^2 /NDF: 11.1/7

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 2997.994 $\pm$ 1.667 χ^2 /NDF: 73131.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3227.449 $\pm$ 1.713 χ^2 /NDF: 41443.4/4

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

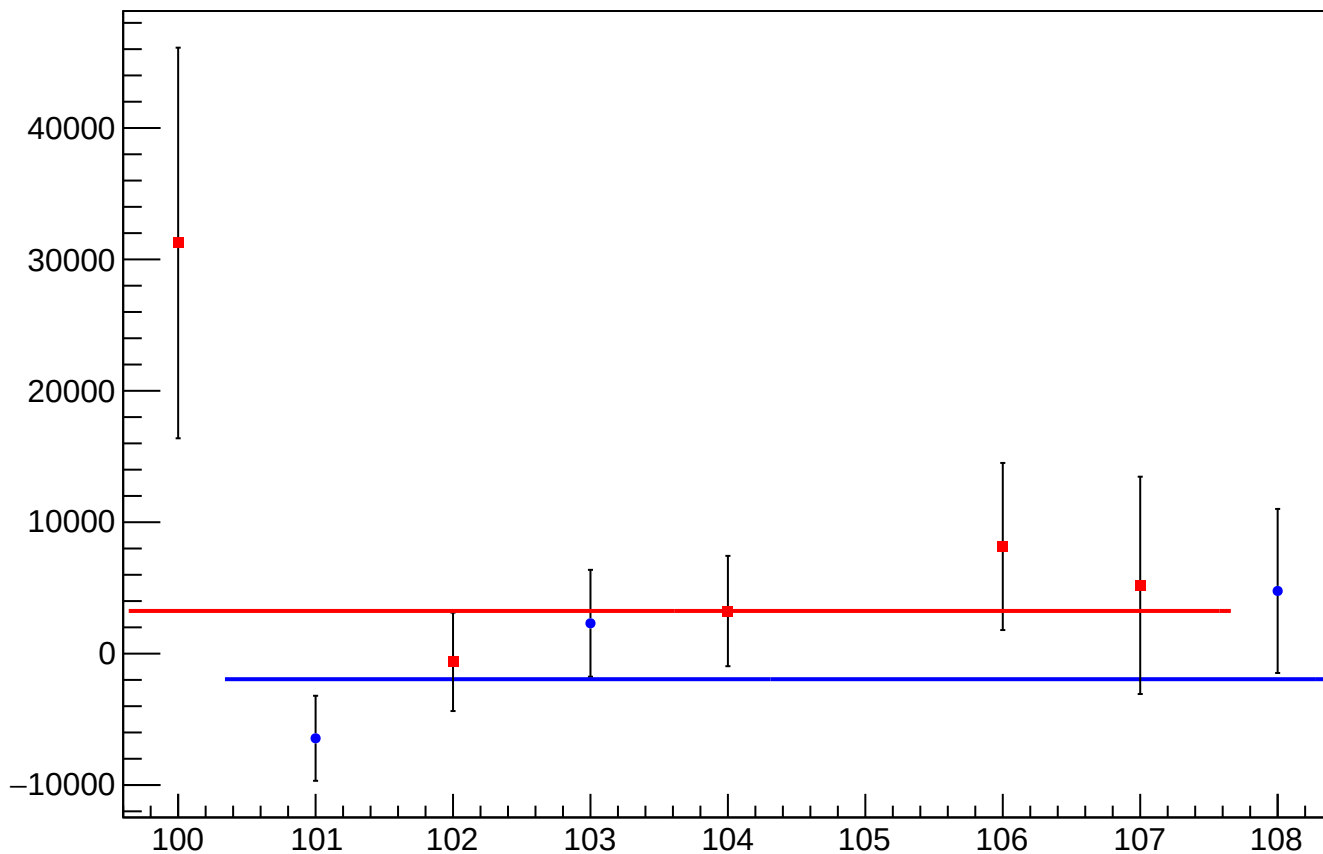
Right: 3109.553 $\pm$ 1.195 χ^2 /NDF: 123789.8/7

In: 2997.994 $\pm$ 1.667 χ^2 /NDF:73131.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3109.553 $\pm$ 1.195 χ^2 /NDF: 123789.8/7

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -1945.282 $\pm$ 2346.179 χ^2 /NDF: 4.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3248.143 $\pm$ 2411.498 χ^2 /NDF: 5.3/4

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

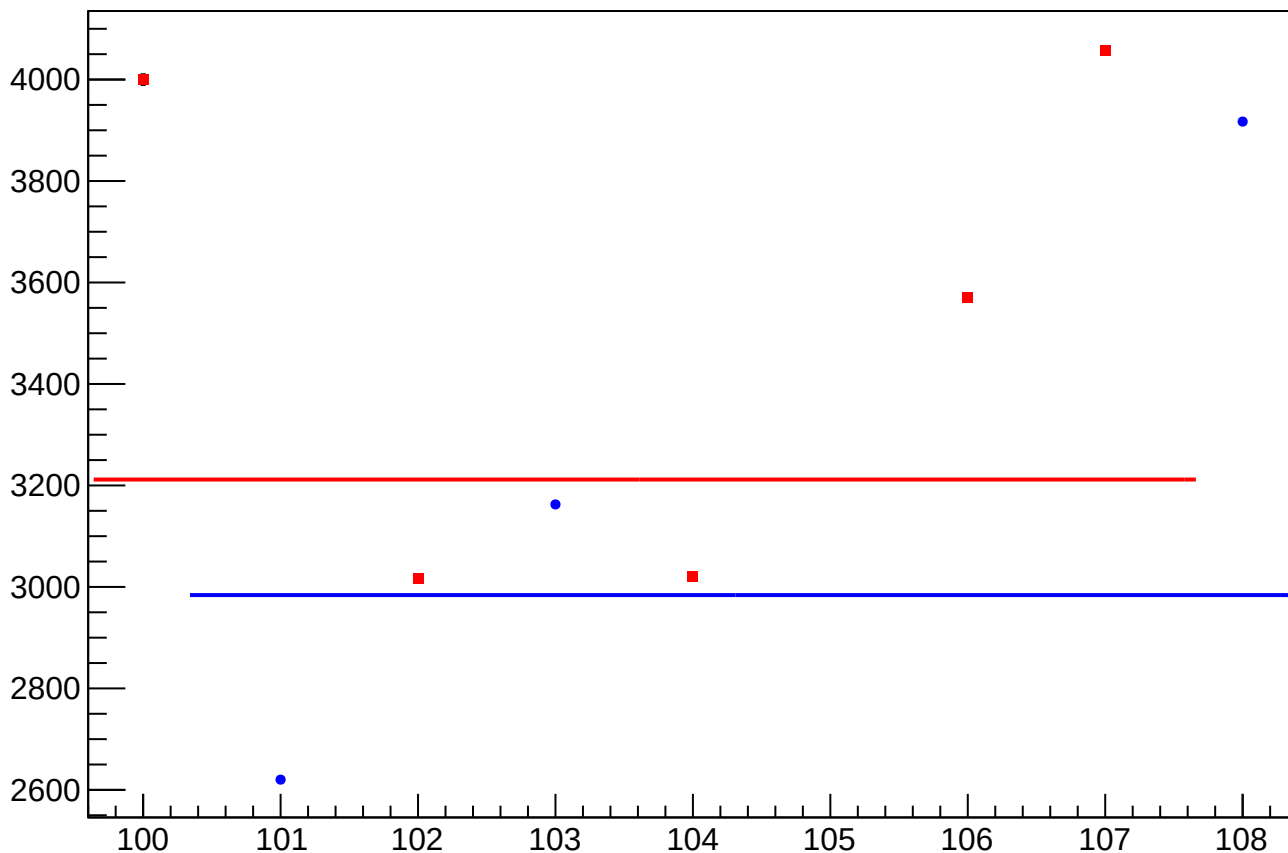
Right: 580.143 $\pm$ 1681.618 χ^2 /NDF: 11.8/7

In: -1945.282 $\pm$ 2346.179 χ^2 /NDF: 4.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 580.143 $\pm$ 1681.618 χ^2 /NDF: 11.8/7

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 2983.956+/-1.659 χ^2/NDF : 73836.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3211.672+/-1.705 χ^2/NDF : 42542.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

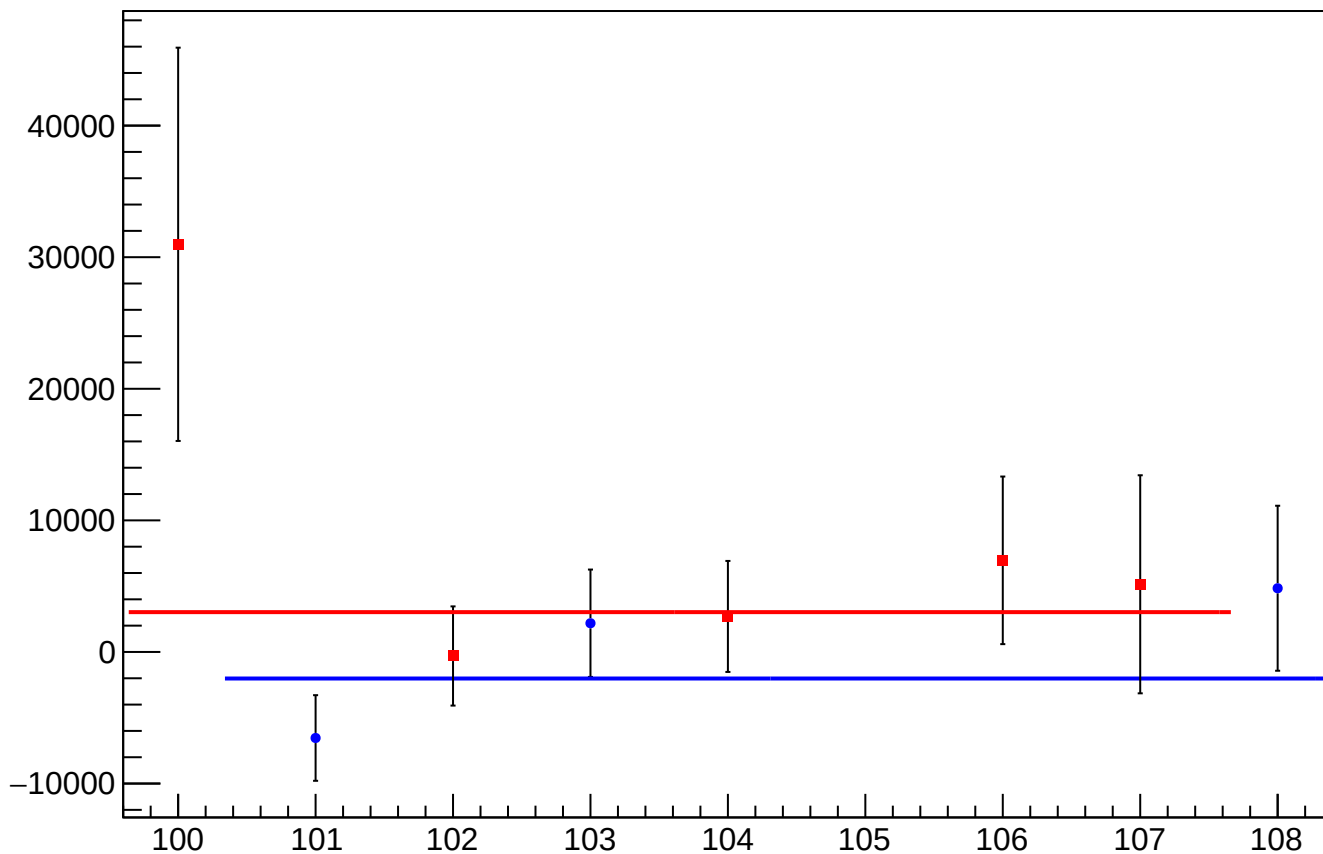
Right: 3094.688+/-1.189 χ^2/NDF : 125540.0/7

In: 2983.956+/-1.659 χ^2/NDF : 73836.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3094.688+/-1.189 χ^2/NDF : 125540.0/7

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -2017.748+/-2357.050 χ^2/NDF : 4.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3026.586+/-2423.076 χ^2/NDF : 4.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

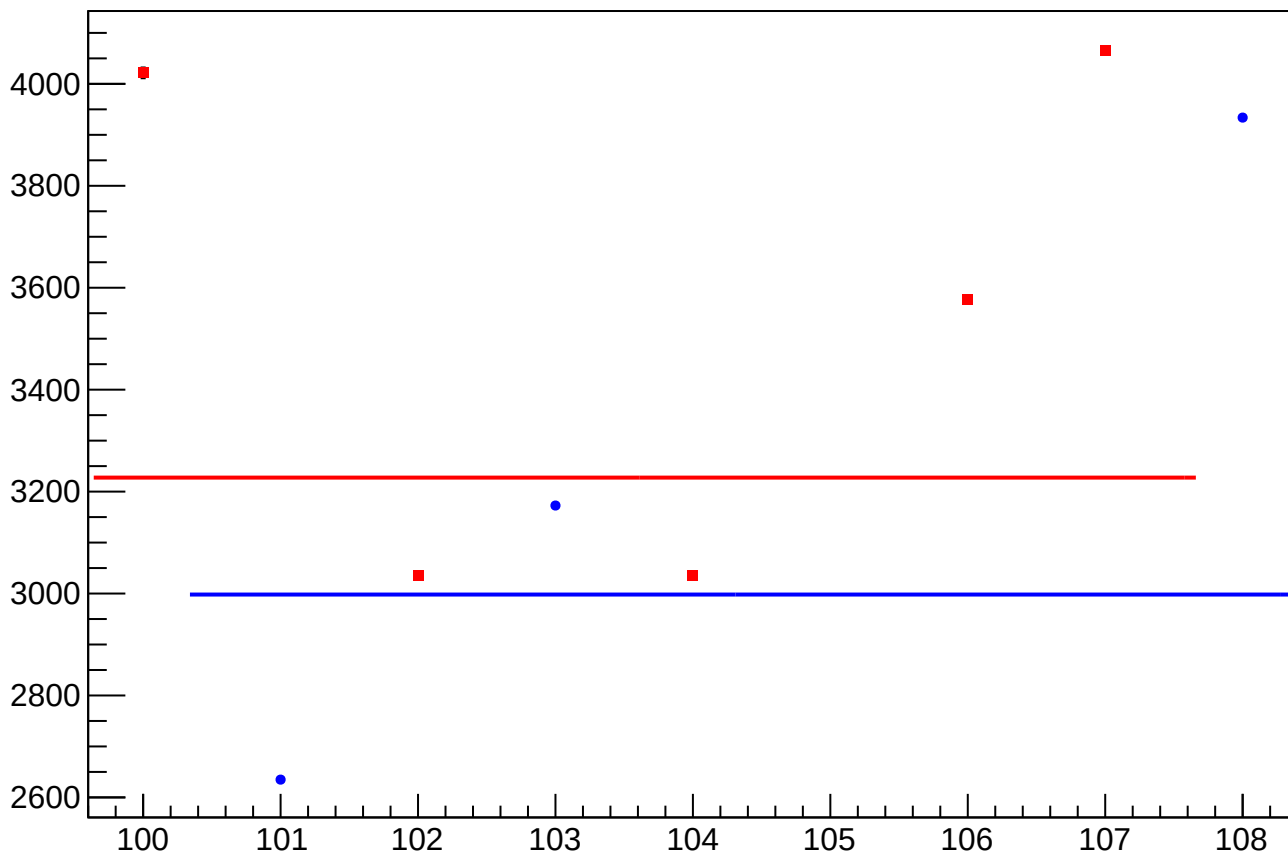
Right: 434.757+/-1689.546 χ^2/NDF : 11.1/7

In: -2017.748+/-2357.050 χ^2/NDF : 4.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 434.757+/-1689.546 χ^2/NDF : 11.1/7

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 2998.025+/-1.667 χ^2/NDF : 73135.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3227.476+/-1.713 χ^2/NDF : 41451.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

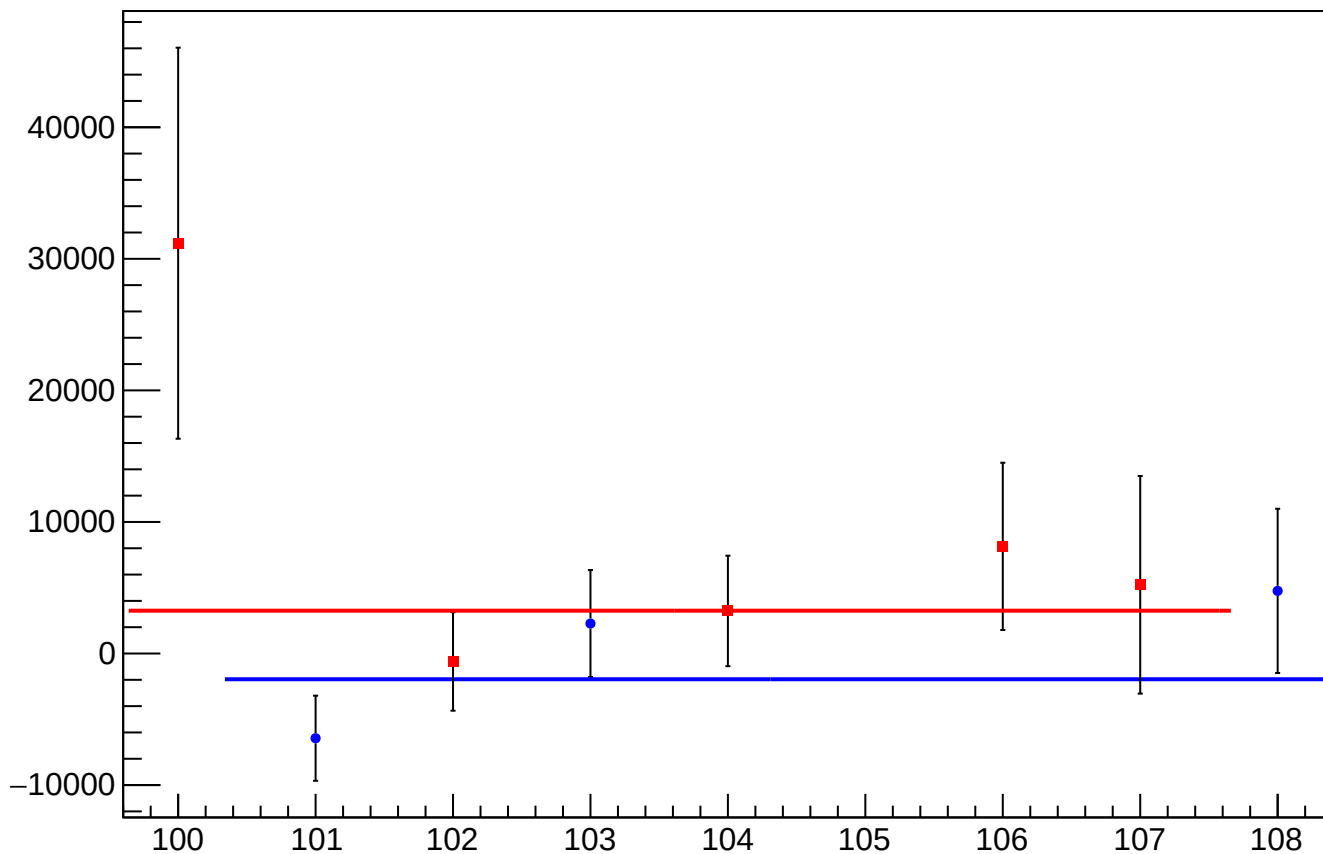
Right: 3109.582+/-1.195 χ^2/NDF : 123801.5/7

In: 2998.025+/-1.667 χ^2/NDF : 73135.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3109.582+/-1.195 χ^2/NDF : 123801.5/7

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -1955.950 $\pm$ 2346.091 χ^2 /NDF: 4.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3254.030 $\pm$ 2411.392 χ^2 /NDF: 5.2/4

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

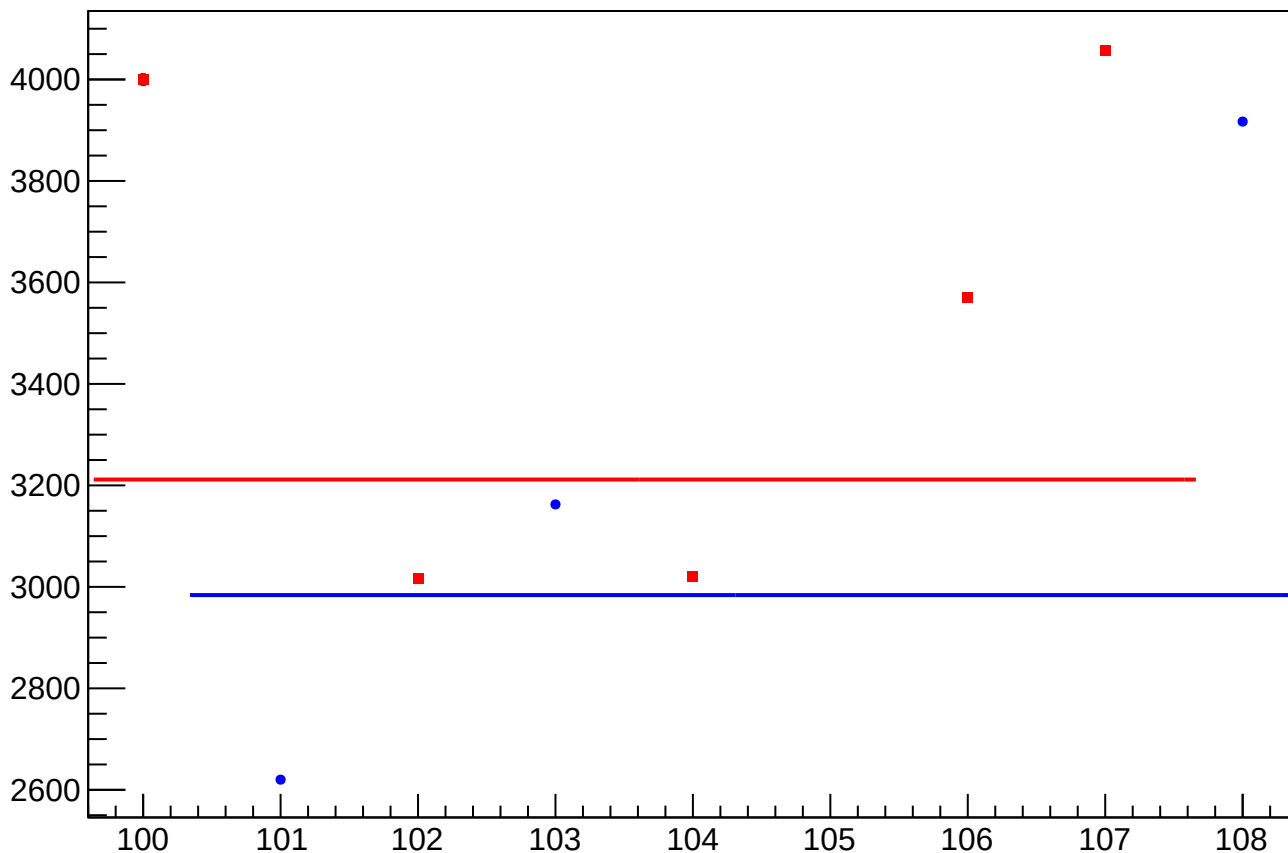
Right: 577.542 $\pm$ 1681.549 χ^2 /NDF: 11.8/7

In: -1955.950 $\pm$ 2346.091 χ^2 /NDF: 4.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 577.542 $\pm$ 1681.549 χ^2 /NDF: 11.8/7

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 2983.844+/-1.659 χ^2/NDF : 73835.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3211.532+/-1.705 χ^2/NDF : 42542.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

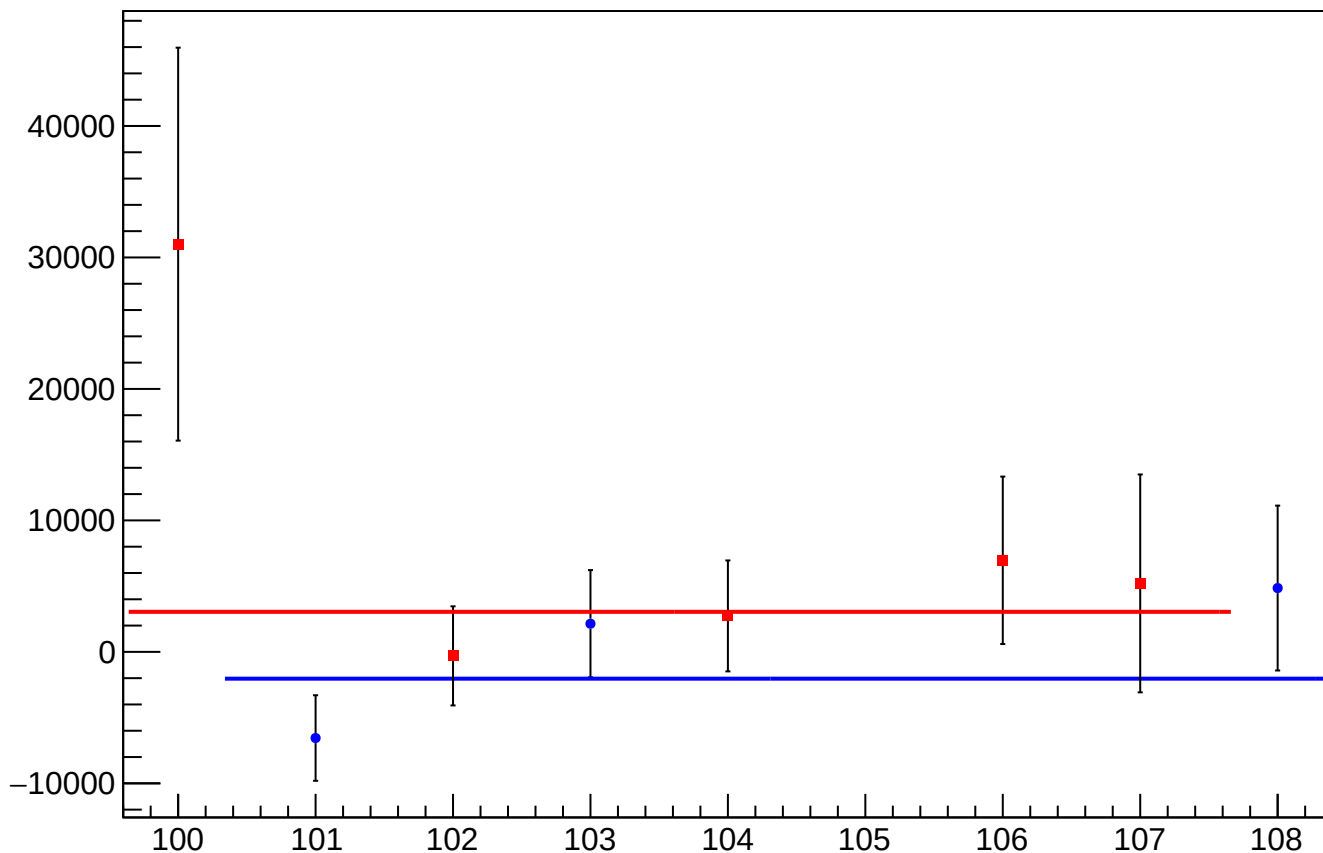
Right: 3094.563+/-1.189 χ^2/NDF : 125537.4/7

In: 2983.844+/-1.659 χ^2/NDF : 73835.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3094.563+/-1.189 χ^2/NDF : 125537.4/7

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -2037.924+/-2357.241 χ^2/NDF : 4.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3045.983+/-2423.278 χ^2/NDF : 4.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

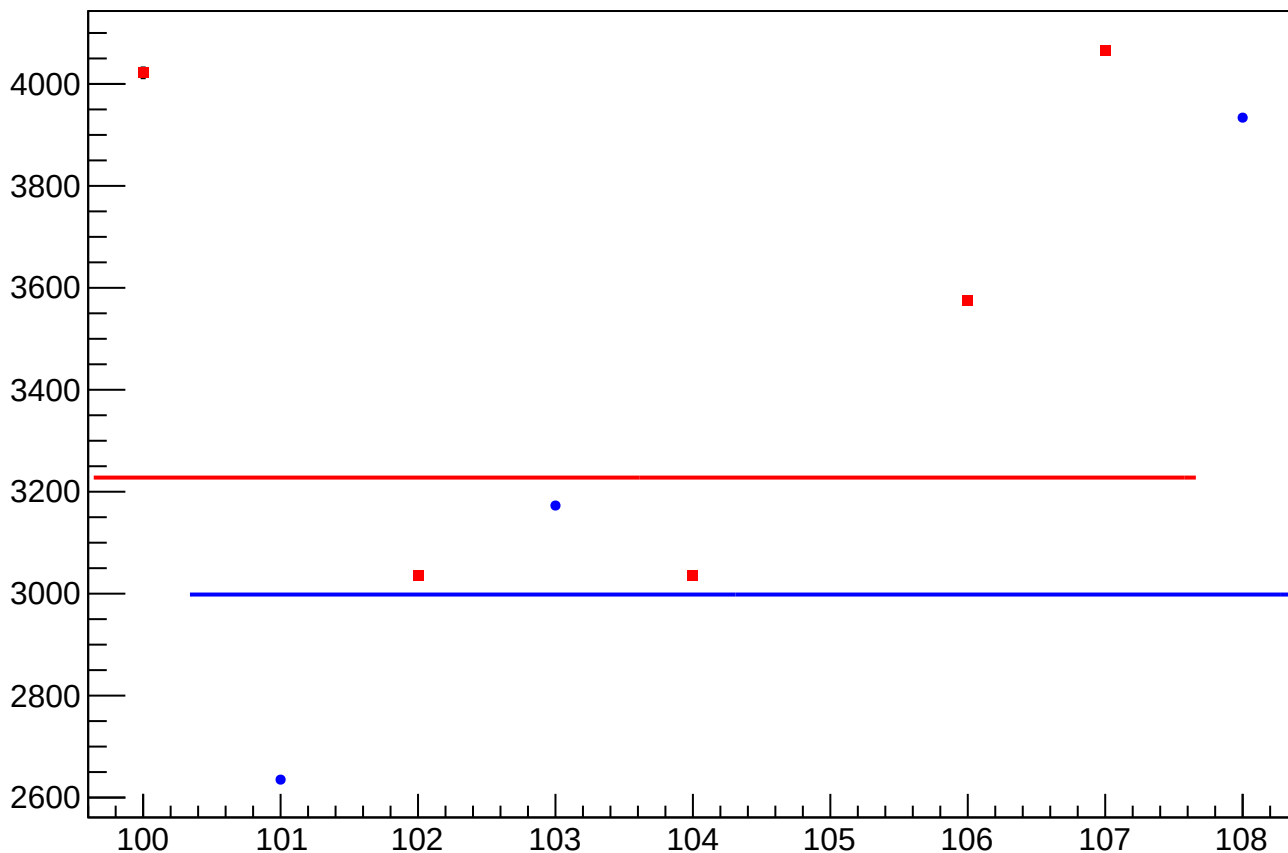
Right: 433.815+/-1689.685 χ^2/NDF : 11.2/7

In: -2037.924+/-2357.241 χ^2/NDF : 4.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 433.815+/-1689.685 χ^2/NDF : 11.2/7

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 2998.281+/-1.667 χ^2/NDF : 73108.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3227.754+/-1.714 χ^2/NDF : 41429.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

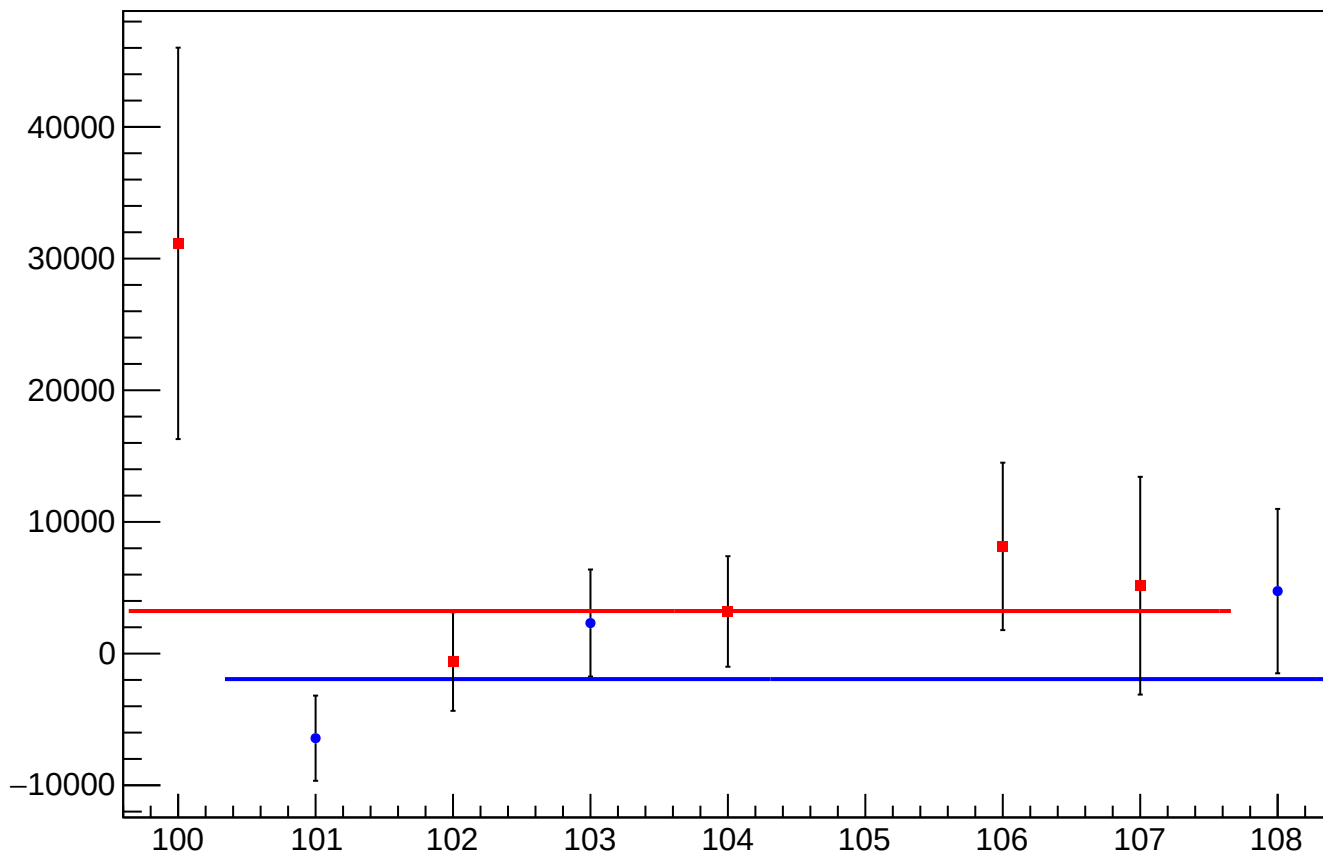
Right: 3109.848+/-1.195 χ^2/NDF : 123752.2/7

In: 2998.281+/-1.667 χ^2/NDF : 73108.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3109.848+/-1.195 χ^2/NDF : 123752.2/7

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -1935.877+/-2346.168 χ^2/NDF : 4.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3235.681+/-2411.491 χ^2/NDF : 5.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

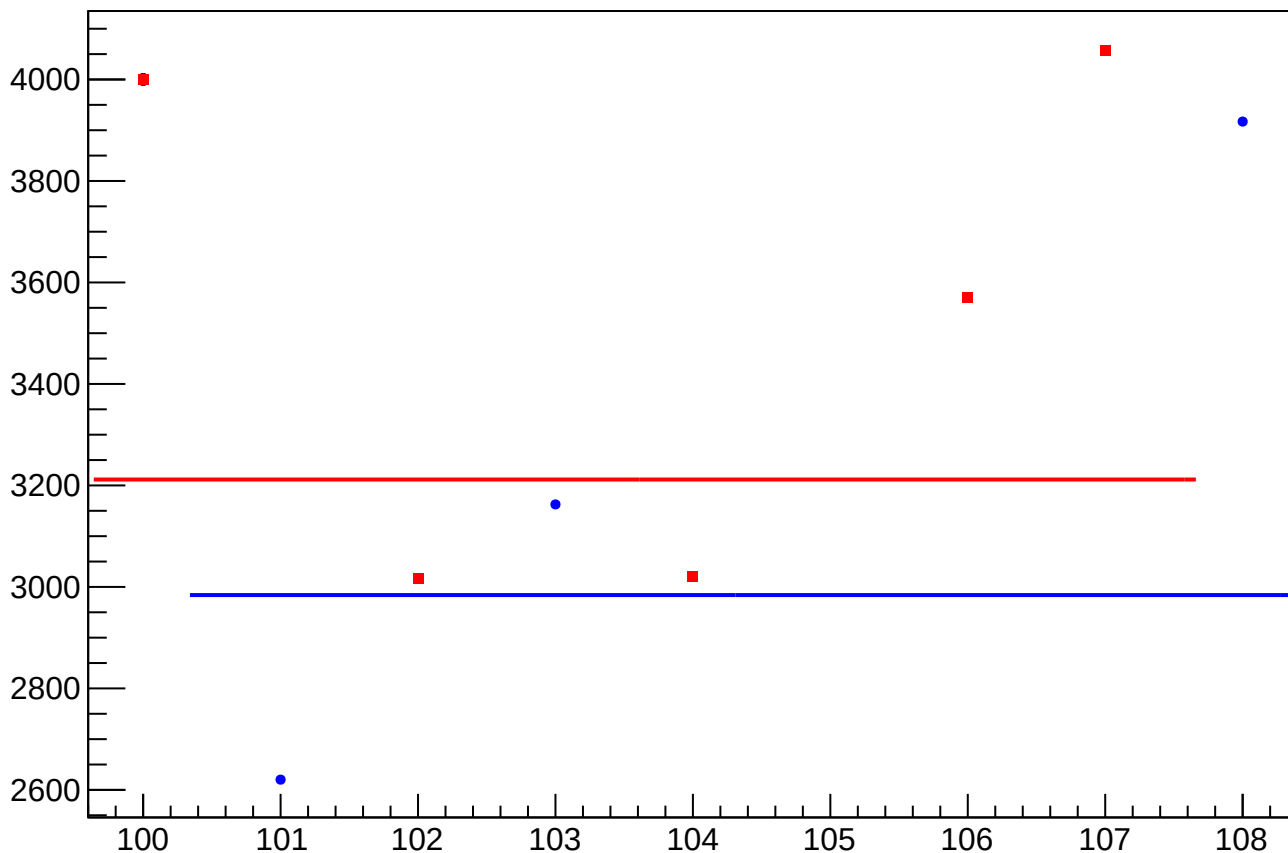
Right: 578.910+/-1681.611 χ^2/NDF : 11.8/7

In: -1935.877+/-2346.168 χ^2/NDF : 4.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 578.910+/-1681.611 χ^2/NDF : 11.8/7

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 2983.946+/-1.659 χ^2/NDF : 73825.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3211.666+/-1.705 χ^2/NDF : 42537.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

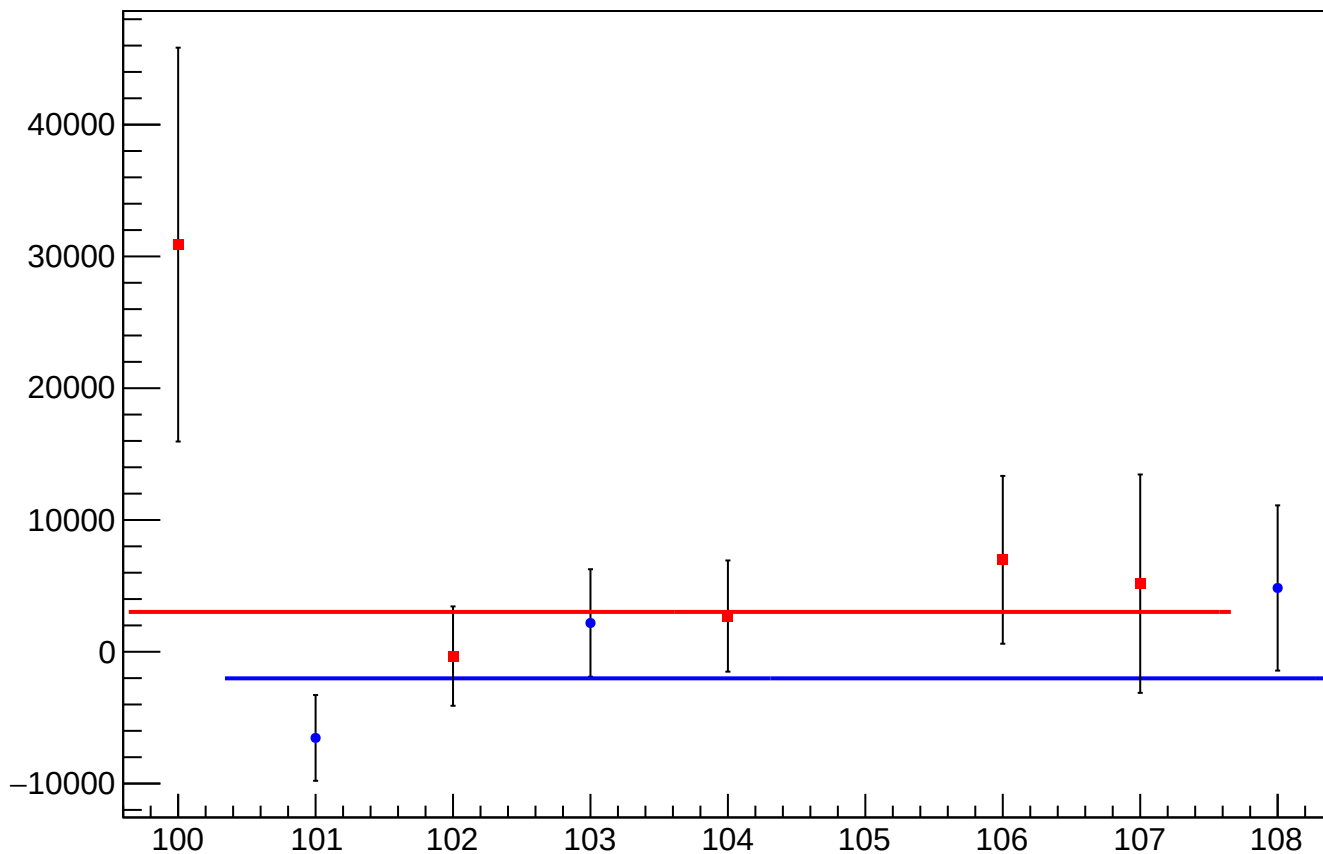
Right: 3094.680+/-1.189 χ^2/NDF : 125524.3/7

In: 2983.946+/-1.659 χ^2/NDF : 73825.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3094.680+/-1.189 χ^2/NDF : 125524.3/7

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -2016.560+/-2357.184 χ^2 /NDF: 4.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 3024.042+/-2423.259 χ^2 /NDF: 4.7/4

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

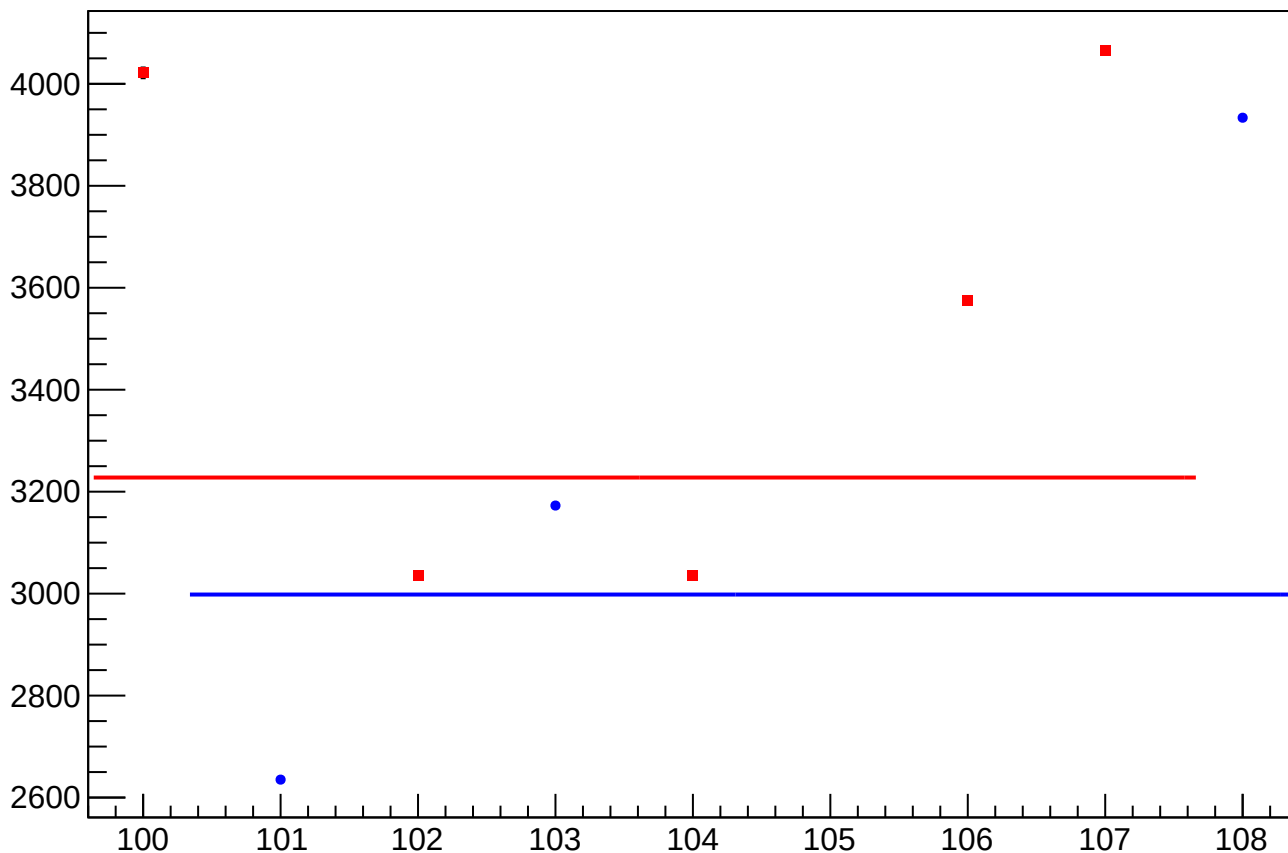
Right: 434.083+/-1689.658 χ^2 /NDF: 11.1/7

In: -2016.560+/-2357.184 χ^2 /NDF: 4.2/2

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 434.083+/-1689.658 χ^2 /NDF: 11.1/7

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 2998.222+/-1.667 χ^2/NDF : 73078.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3227.740+/-1.714 χ^2/NDF : 41411.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

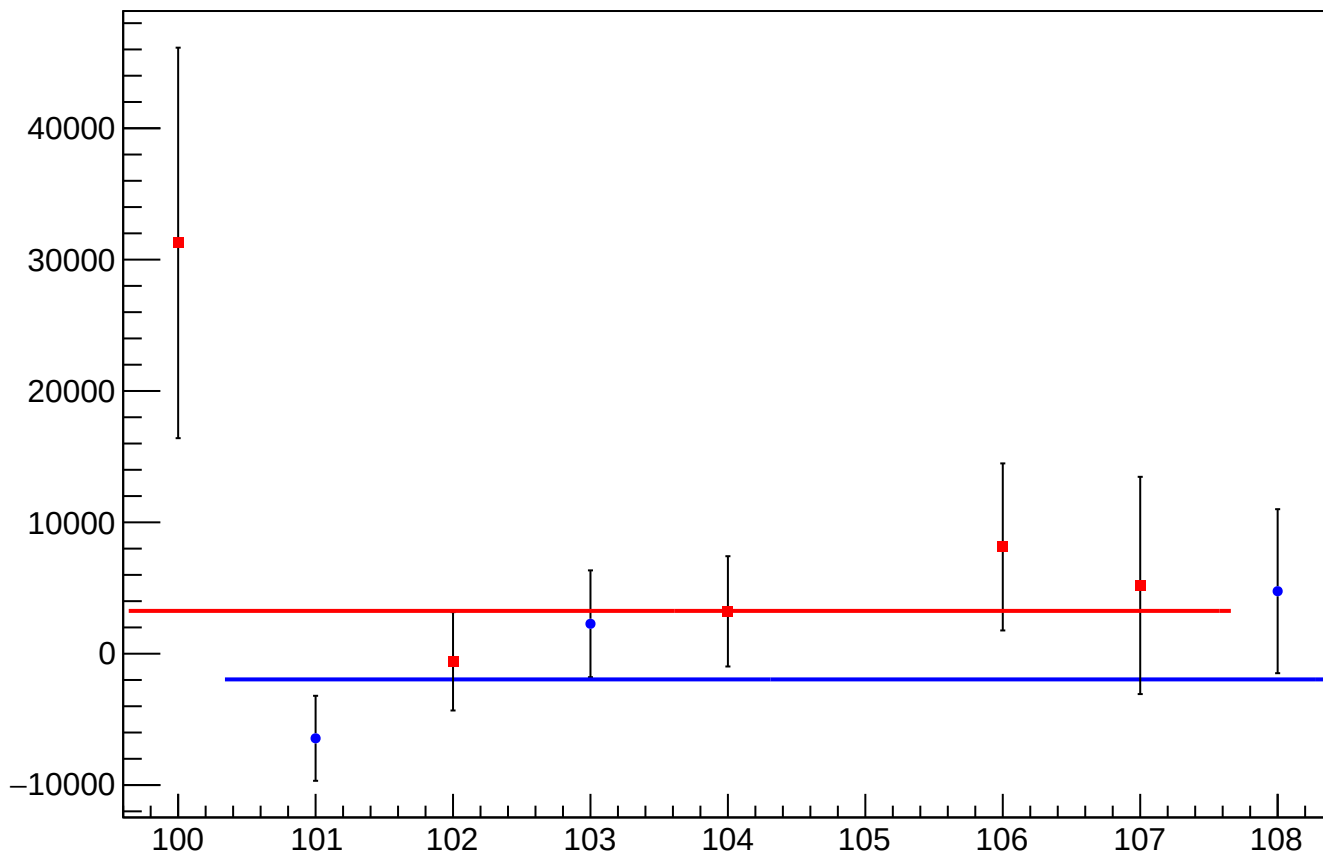
Right: 3109.809+/-1.195 χ^2/NDF : 123709.4/7

In: 2998.222+/-1.667 χ^2/NDF : 73078.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3109.809+/-1.195 χ^2/NDF : 123709.4/7

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -1956.419+/-2346.196 χ^2/NDF : 4.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3258.680+/-2411.534 χ^2/NDF : 5.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

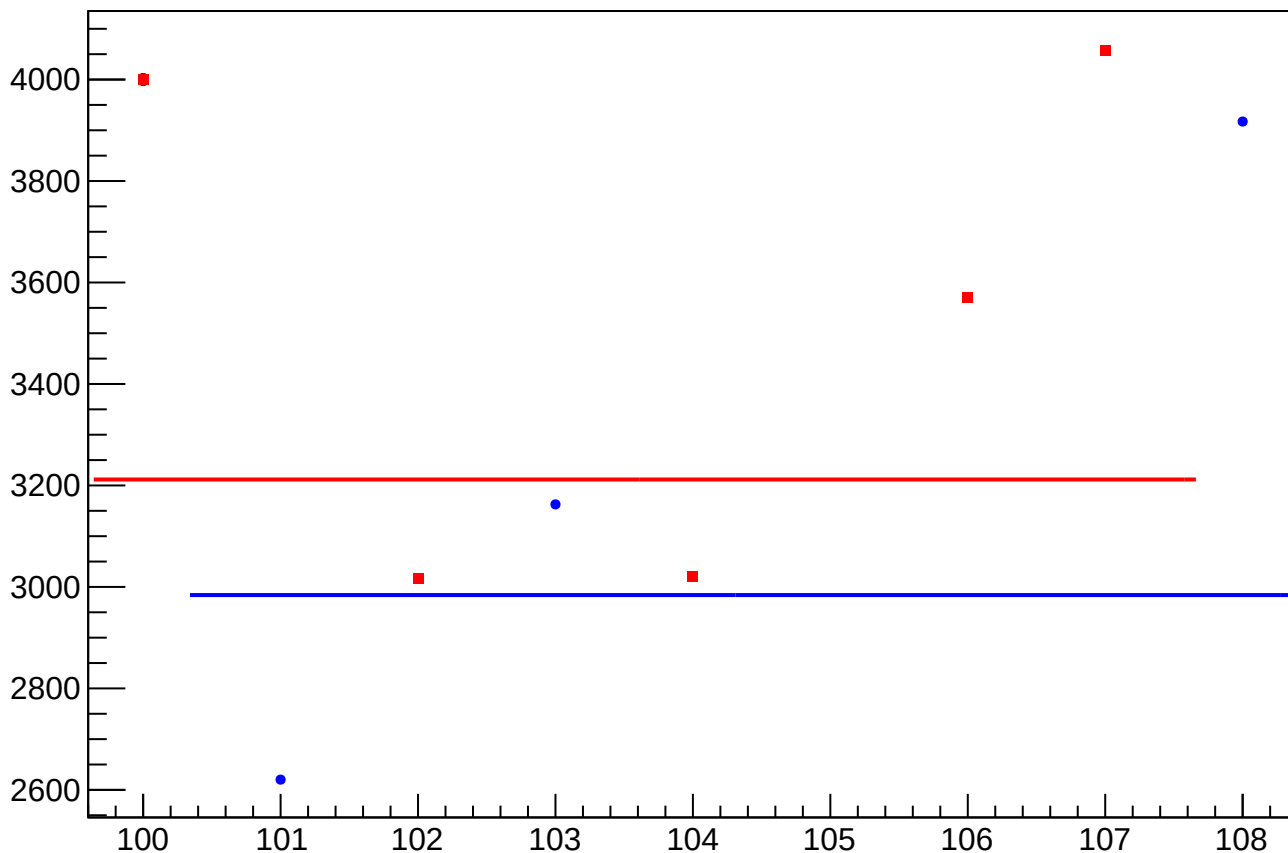
Right: 579.525+/-1681.636 χ^2/NDF : 11.8/7

In: -1956.419+/-2346.196 χ^2/NDF : 4.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 579.525+/-1681.636 χ^2/NDF : 11.8/7

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 2983.973+/-1.659 χ^2/NDF : 73844.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3211.721+/-1.705 χ^2/NDF : 42540.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

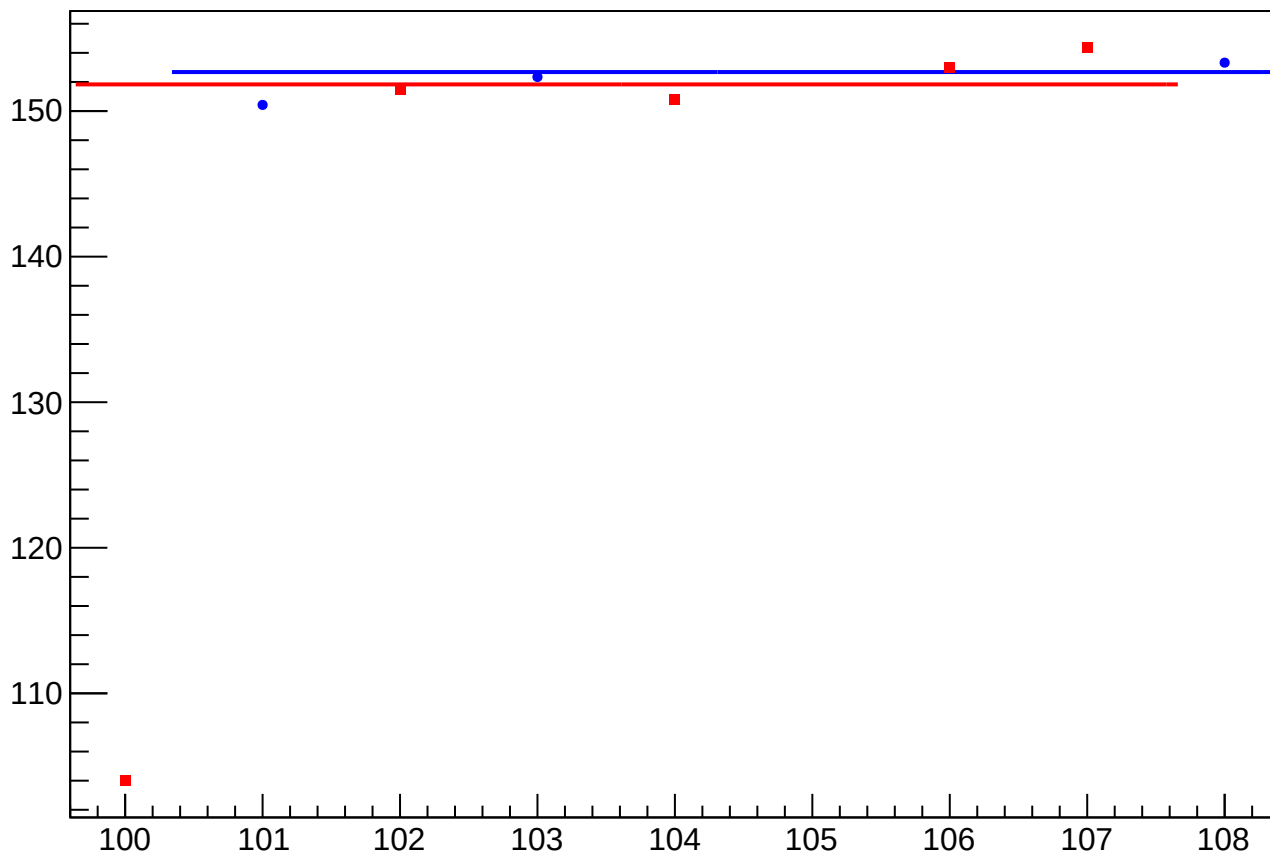
Right: 3094.720+/-1.189 χ^2/NDF : 125549.2/7

In: 2983.973+/-1.659 χ^2/NDF : 73844.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3094.720+/-1.189 χ^2/NDF : 125549.2/7

yield_bcm_target_mean vs Slug, Sign Corrected



Right In: 152.682+/-0.000 χ^2/NDF : 5007212.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.833+/-0.000 χ^2/NDF : 218608004.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

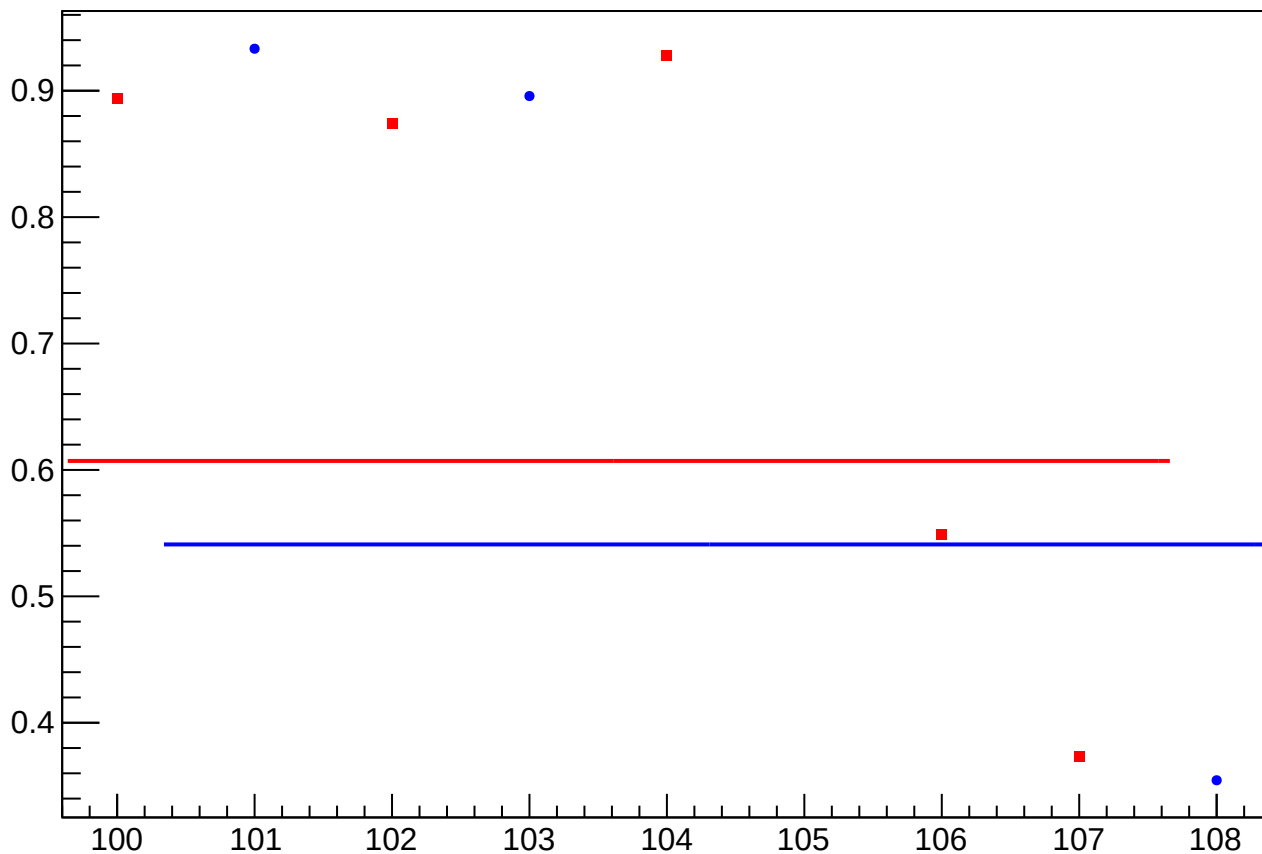
Right: 152.276+/-0.000 χ^2/NDF : 225129762.8/7

In: 152.682+/-0.000 χ^2/NDF : 5007212.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.276+/-0.000 χ^2/NDF : 225129762.8/7

yield_bcm_target_rms vs Slug, Sign Corrected



Right In: 0.541+/-0.000 χ^2/NDF : 613085.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.607+/-0.000 χ^2/NDF : 436596.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

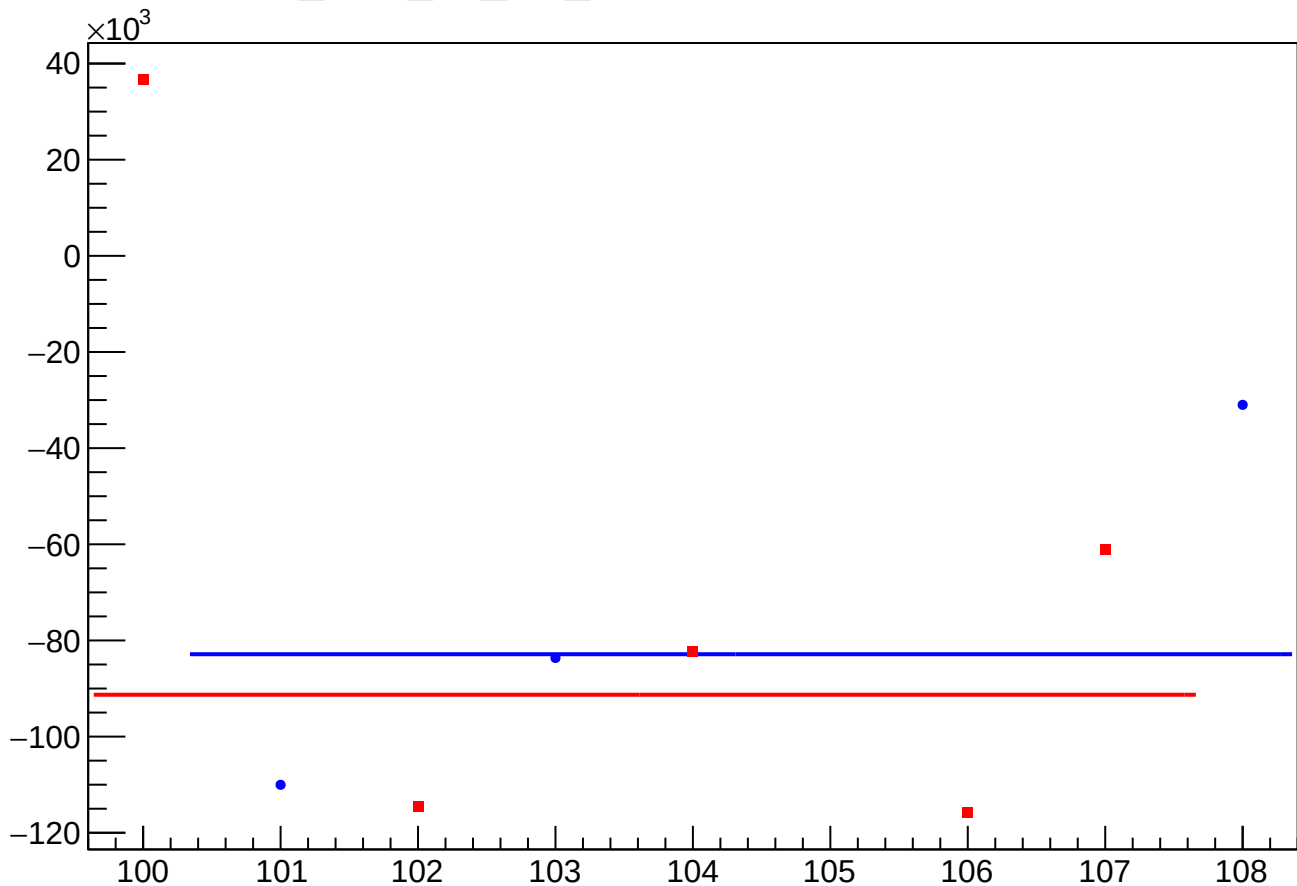
Right: 0.573+/-0.000 χ^2/NDF : 1068045.8/7

In: 0.541+/-0.000 χ^2/NDF : 613085.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.573+/-0.000 χ^2/NDF : 1068045.8/7

yield_bcm_an_diff_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: -87780.593+/-2.830 χ^2 /NDF: 148833741.7/7

In: -82862.064+/-4.385 χ^2 /NDF: 44440054.8/2

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: -82862.064+/-4.385 χ^2 /NDF: 44440054.8/2

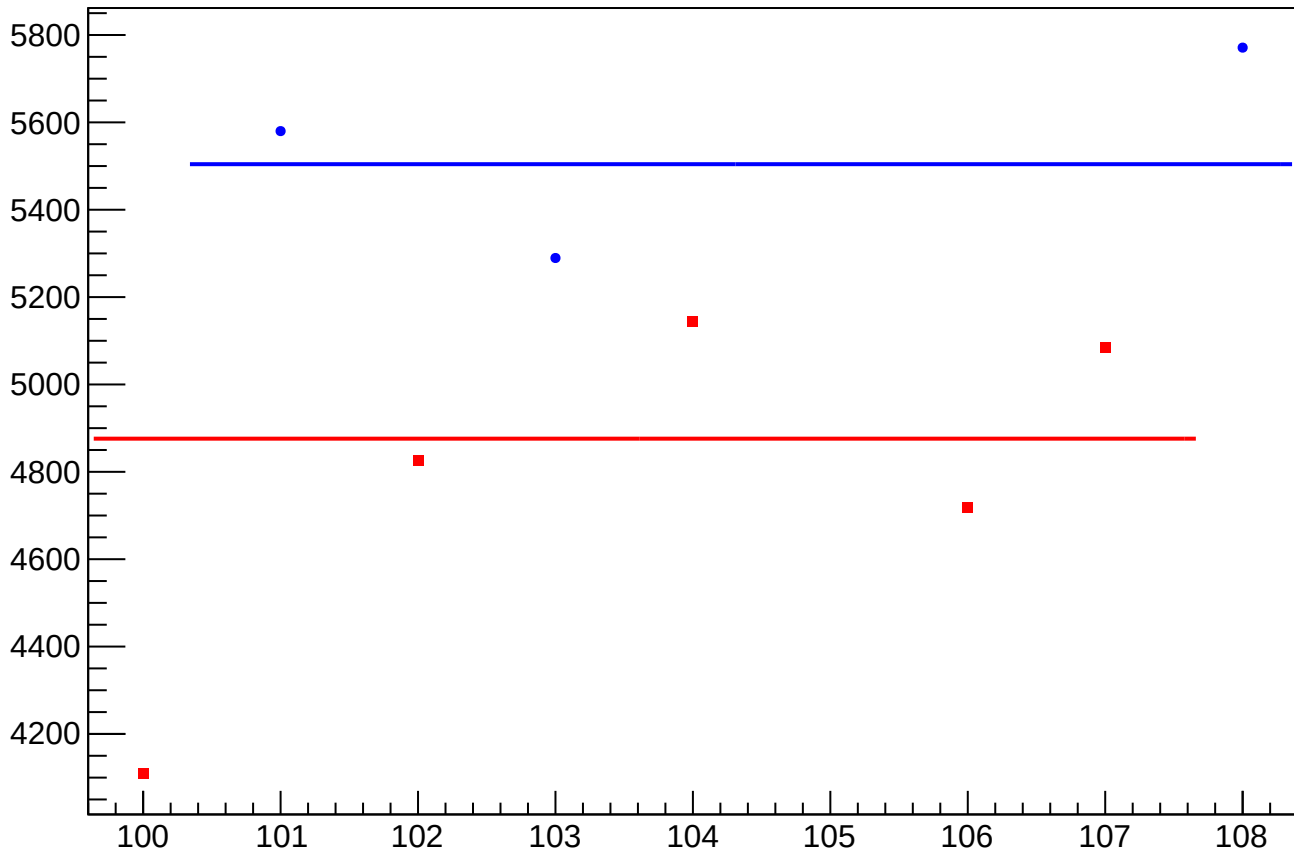
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -91290.463+/-3.704 χ^2 /NDF: 102237847.6/4

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -87780.593+/-2.830 χ^2 /NDF: 148833741

yield_bcm_an_diff_rms vs Slug, Sign Corrected



Right In: 5504.266 $\pm$ 3.101 χ^2 /NDF: 3705.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4875.933 $\pm$ 2.619 χ^2 /NDF: 9265.2/4

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

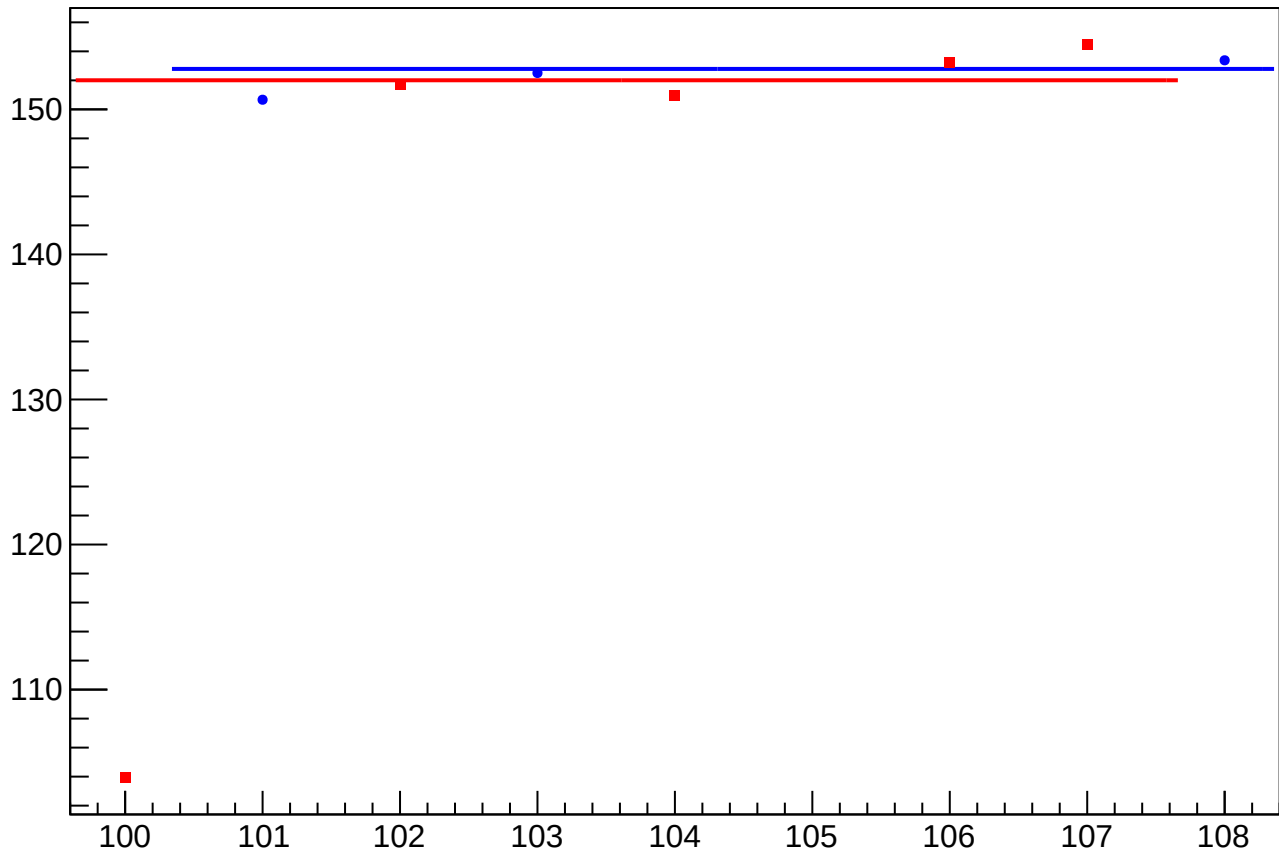
Right: 5137.592 $\pm$ 2.001 χ^2 /NDF: 36933.5/7

In: 5504.266 $\pm$ 3.101 χ^2 /NDF:3705.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 5137.592 $\pm$ 2.001 χ^2 /NDF: 36933.5/7

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 152.789+/-0.000 χ^2/NDF : 4420757.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.006+/-0.000 χ^2/NDF : 220907079.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

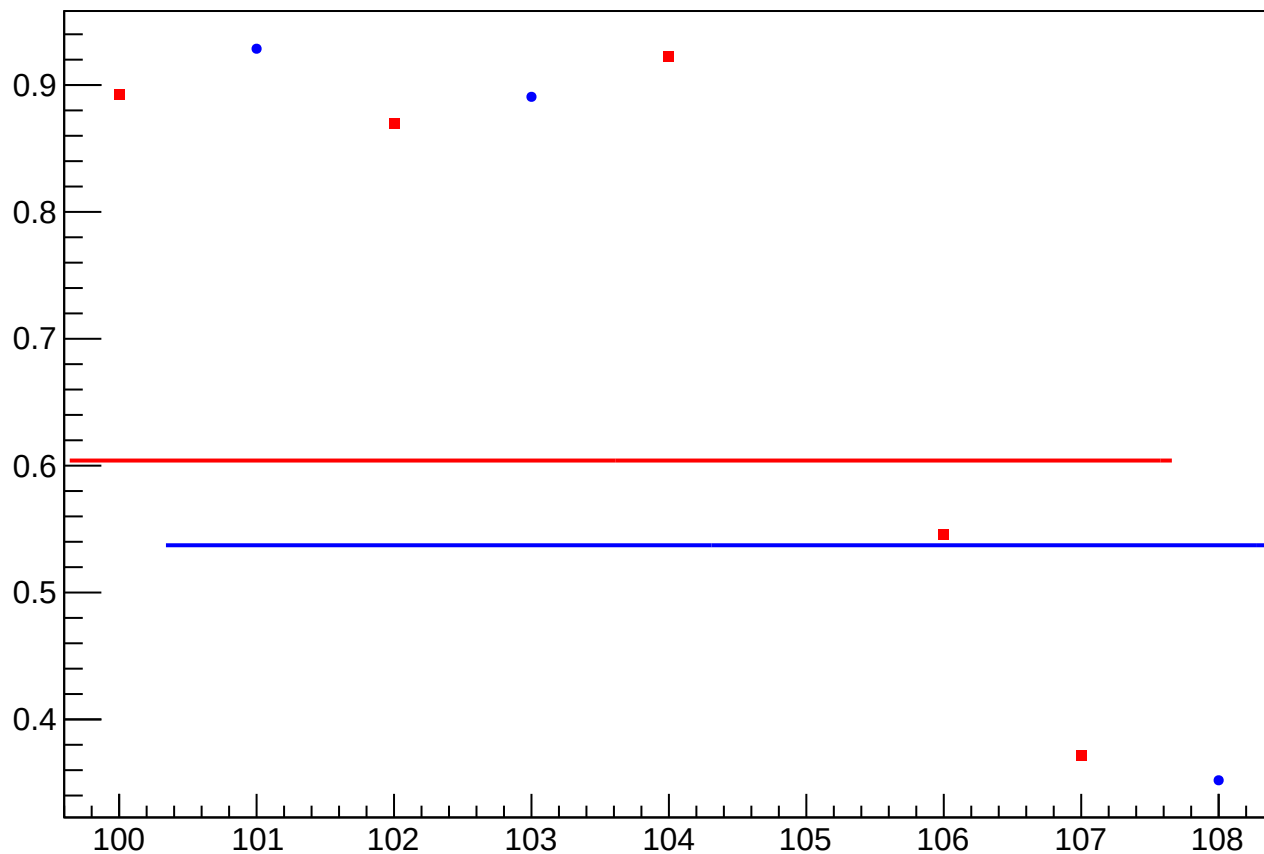
Right: 152.415+/-0.000 χ^2/NDF : 226632010.9/7

In: 152.789+/-0.000 χ^2/NDF : 4420757.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.415+/-0.000 χ^2/NDF : 226632010.9/7

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.537+/-0.000 χ^2/NDF : 615279.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.604+/-0.000 χ^2/NDF : 436651.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

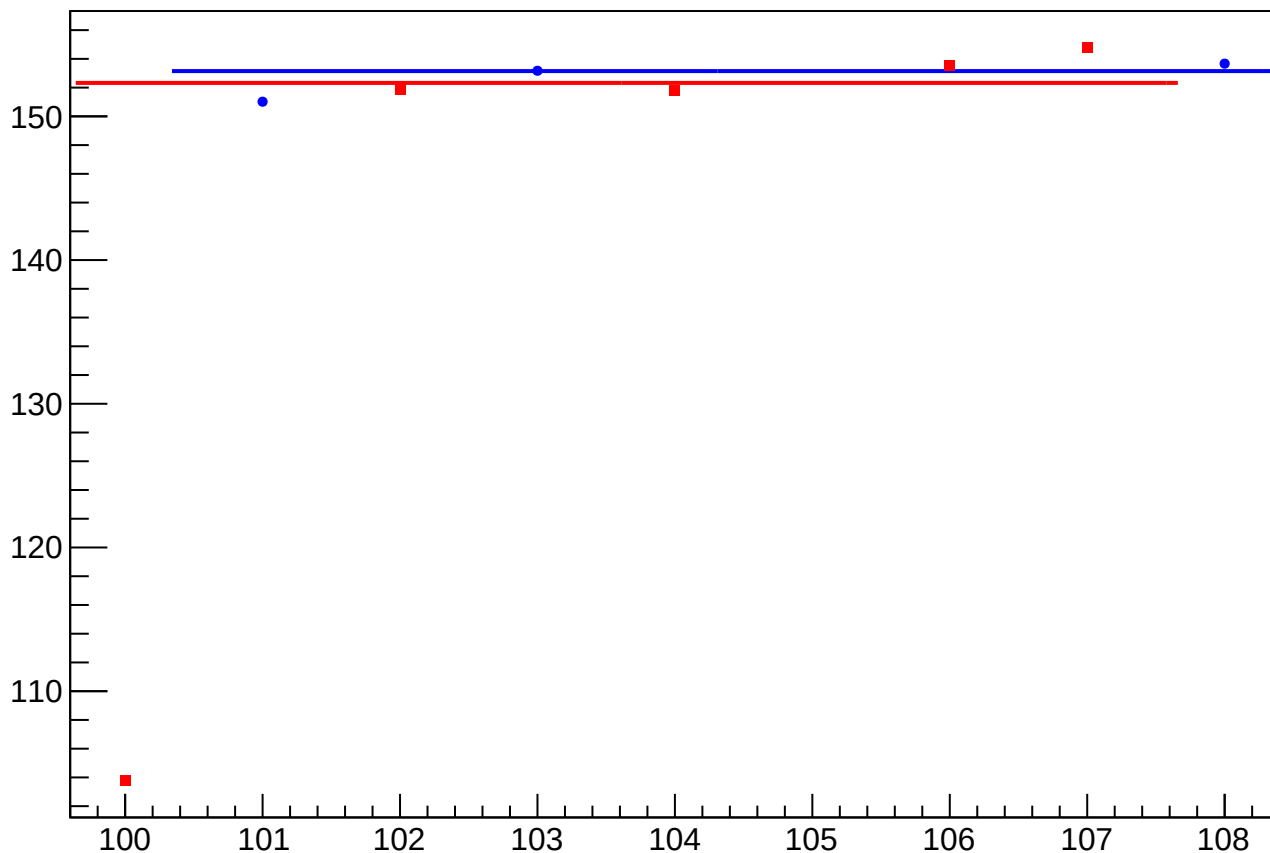
Right: 0.569+/-0.000 χ^2/NDF : 1070911.7/7

In: 0.537+/-0.000 χ^2/NDF : 615279.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.569+/-0.000 χ^2/NDF : 1070911.7/7

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 153.149+/-0.000 χ^2/NDF : 4054229.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.328+/-0.001 χ^2/NDF : 221055260.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

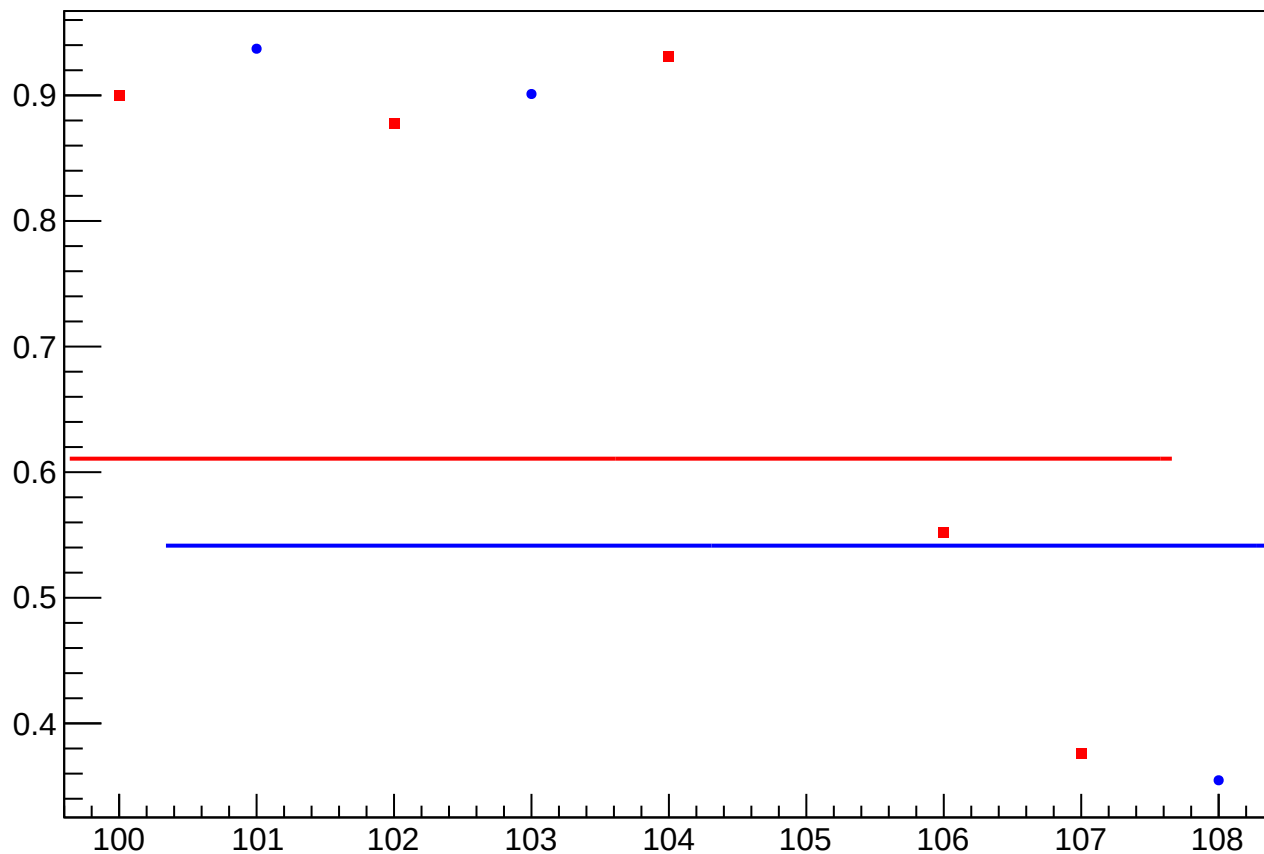
Right: 152.758+/-0.000 χ^2/NDF : 226517525.1/7

In: 153.149+/-0.000 χ^2/NDF : 4054229.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.758+/-0.000 χ^2/NDF : 226517525.1/7

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.542+/-0.000 χ^2/NDF : 618502.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.611+/-0.000 χ^2/NDF : 433453.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

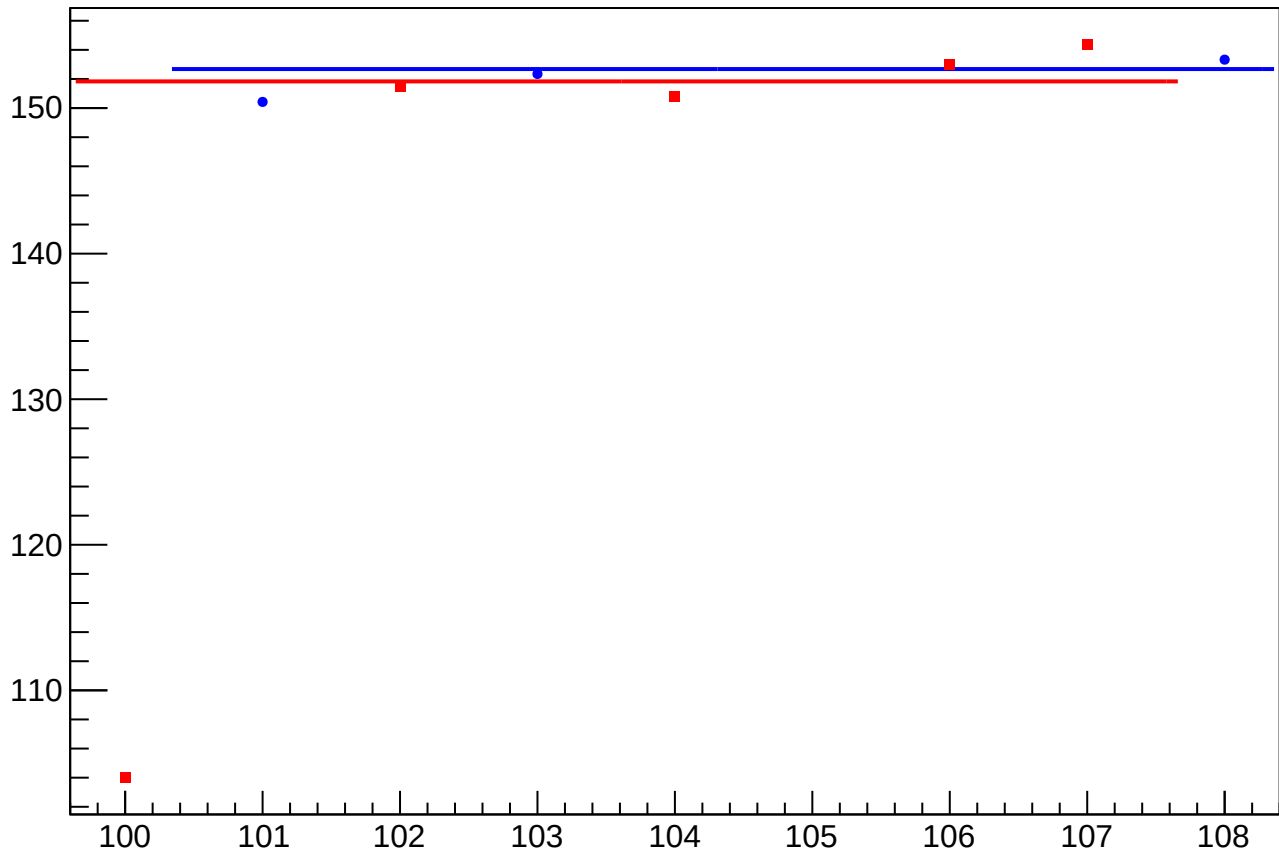
Right: 0.575+/-0.000 χ^2/NDF : 1071984.2/7

In: 0.542+/-0.000 χ^2/NDF : 618502.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.575+/-0.000 χ^2/NDF : 1071984.2/7

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 152.682+/-0.000 χ^2/NDF : 5007212.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.833+/-0.000 χ^2/NDF : 218608004.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

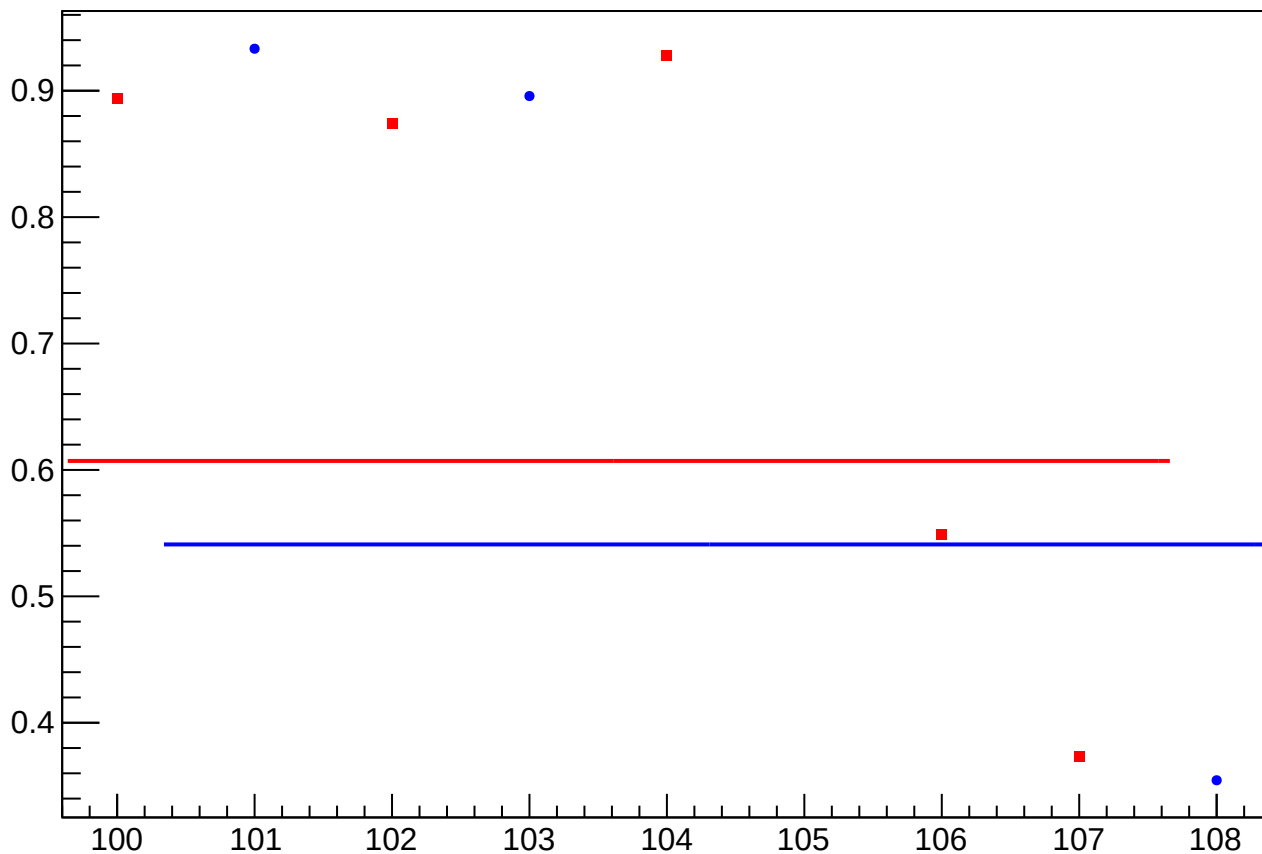
Right: 152.276+/-0.000 χ^2/NDF : 225129762.8/7

In: 152.682+/-0.000 χ^2/NDF : 5007212.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.276+/-0.000 χ^2/NDF : 225129762.8/7

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.541+/-0.000 χ^2/NDF : 613085.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.607+/-0.000 χ^2/NDF : 436596.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

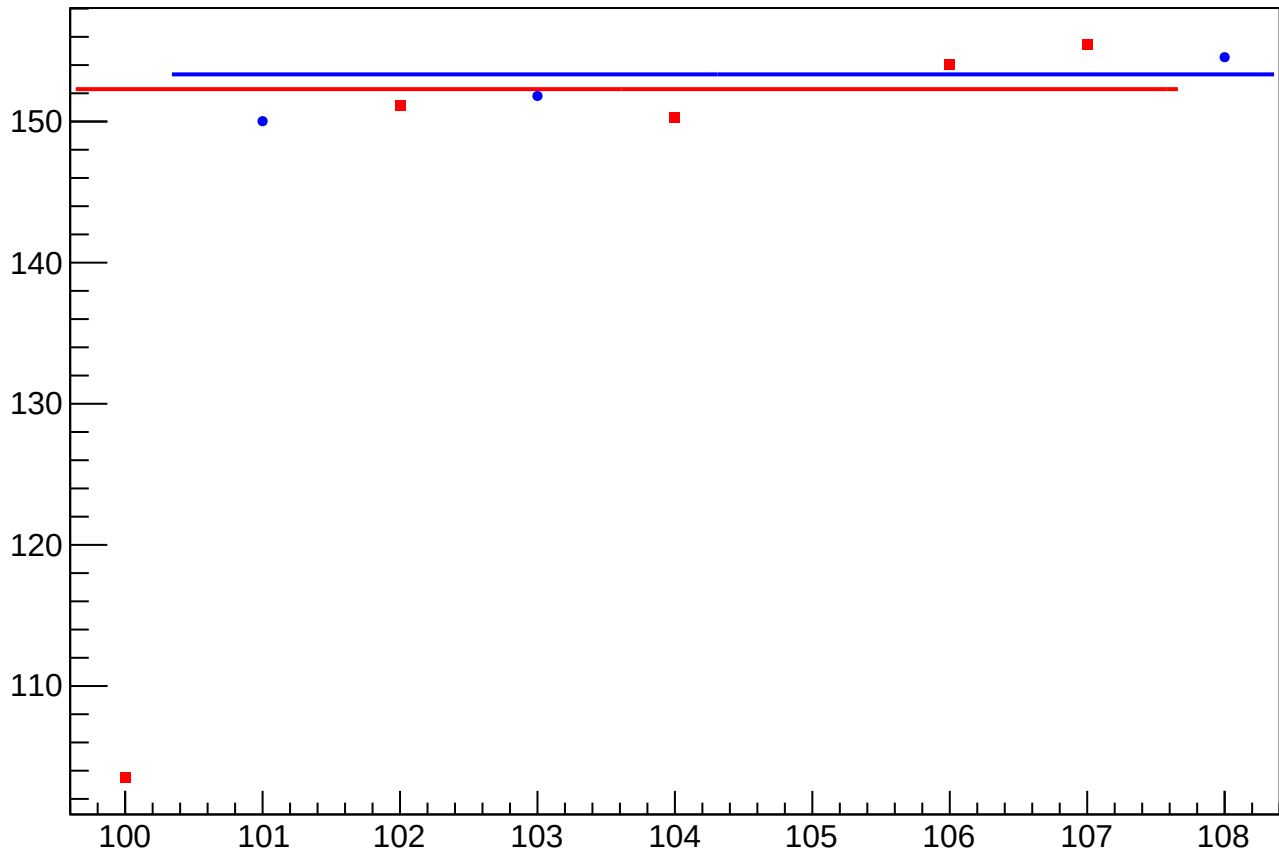
Right: 0.573+/-0.000 χ^2/NDF : 1068045.8/7

In: 0.541+/-0.000 χ^2/NDF : 613085.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.573+/-0.000 χ^2/NDF : 1068045.8/7

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 153.341+/-0.000 χ^2/NDF : 13838565.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.296+/-0.001 χ^2/NDF : 234255037.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

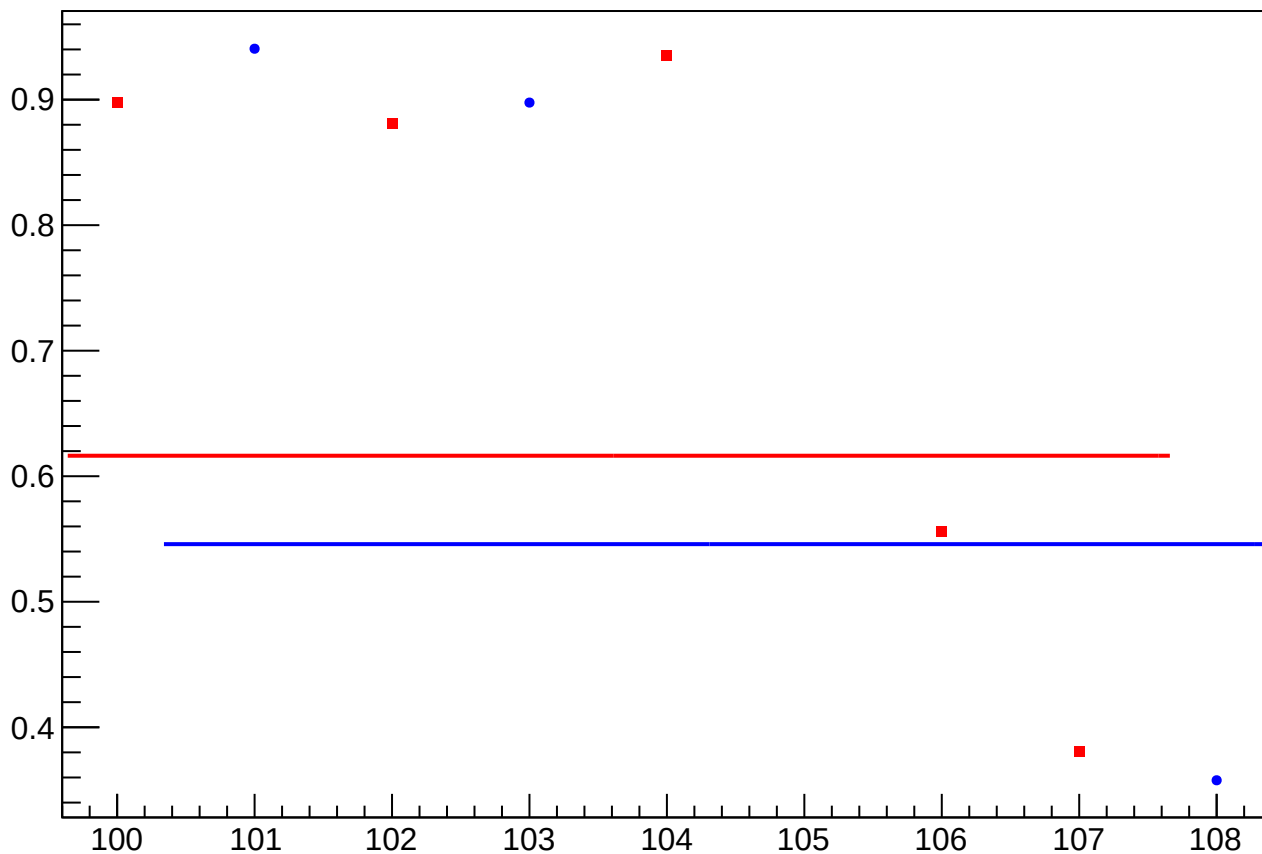
Right: 152.843+/-0.000 χ^2/NDF : 250341537.1/7

In: 153.341+/-0.000 χ^2/NDF : 13838565.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.843+/-0.000 χ^2/NDF : 250341537.1/7

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.546+/-0.000 χ^2/NDF : 608168.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.616+/-0.000 χ^2/NDF : 426026.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

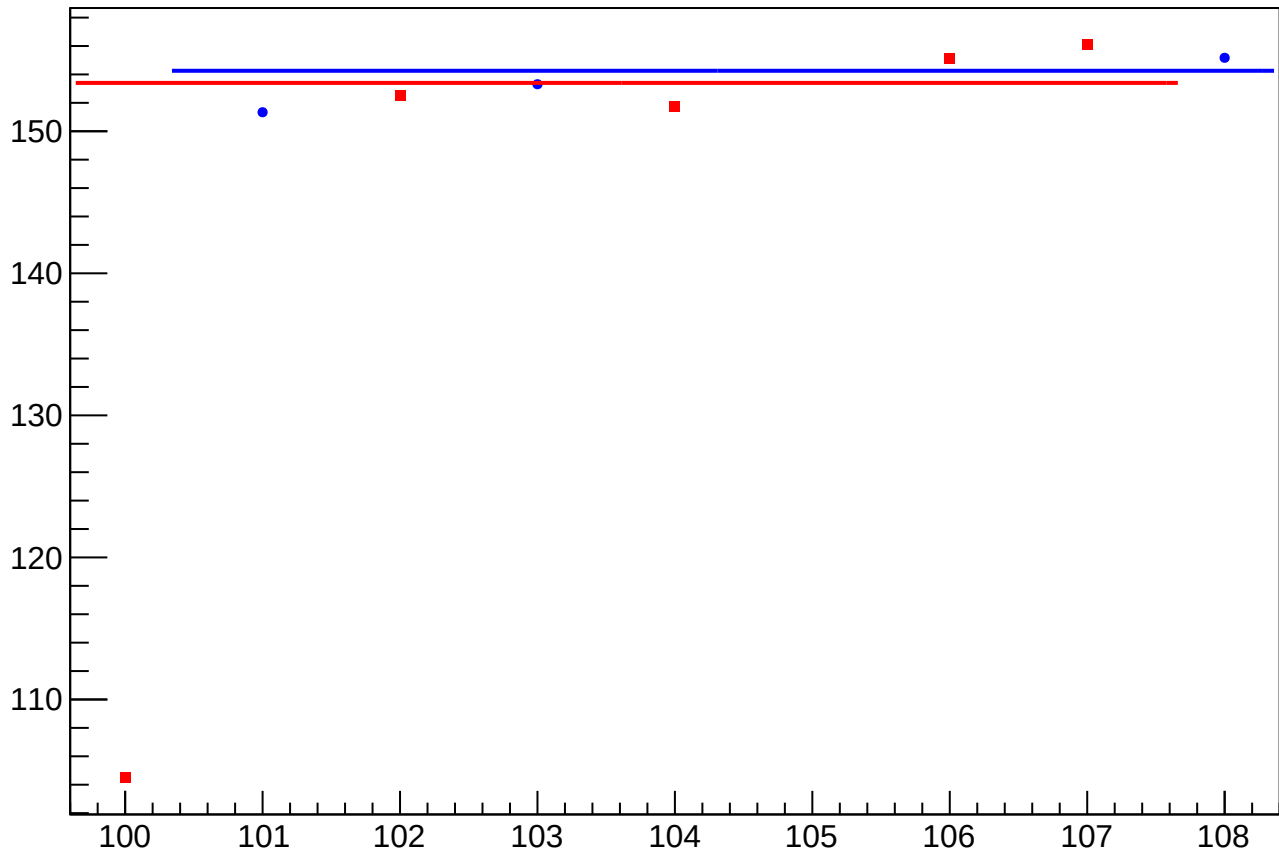
Right: 0.579+/-0.000 χ^2/NDF : 1054629.6/7

In: 0.546+/-0.000 χ^2/NDF : 608168.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.579+/-0.000 χ^2/NDF : 1054629.6/7

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 154.258+/-0.000 χ^2/NDF : 9019336.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.403+/-0.001 χ^2/NDF : 225240747.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

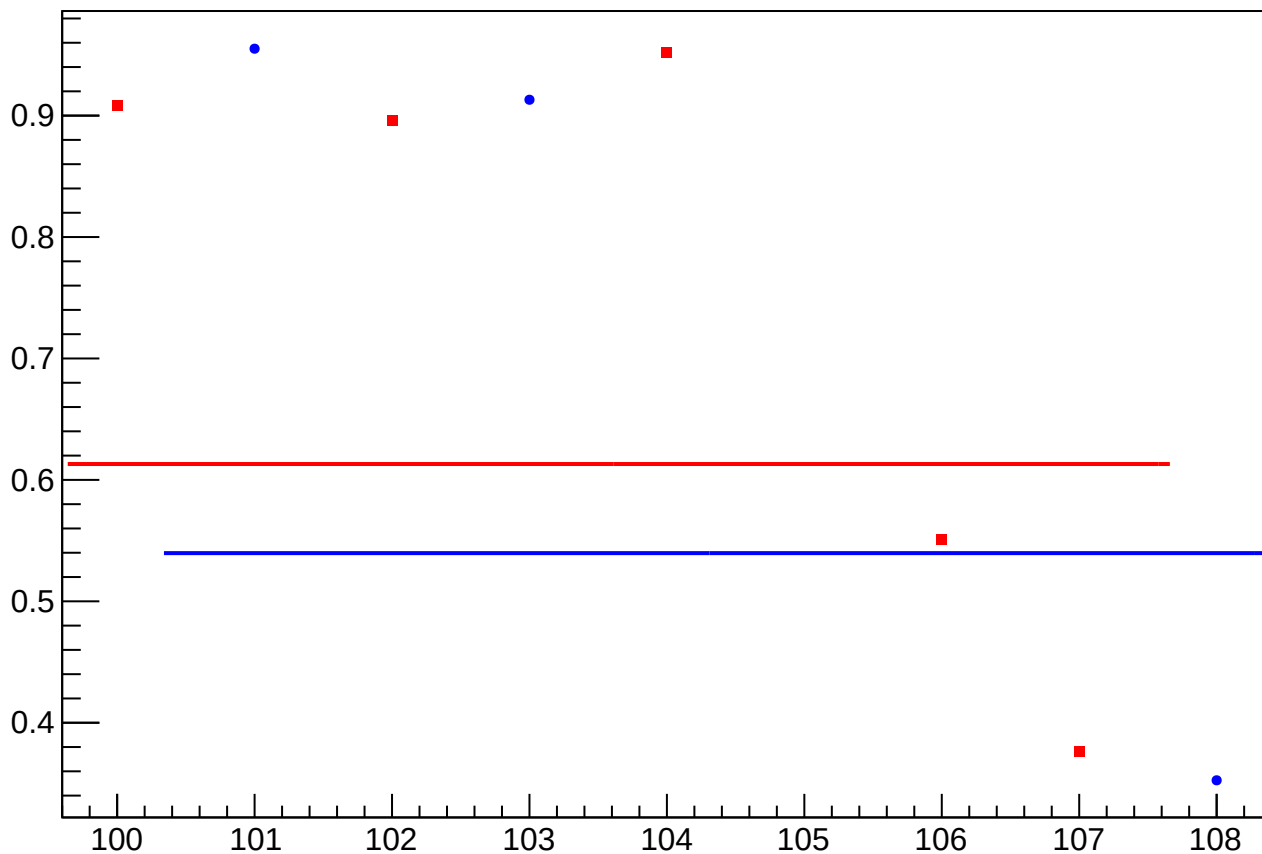
Right: 153.853+/-0.000 χ^2/NDF : 235769238.8/7

In: 154.258+/-0.000 χ^2/NDF : 9019336.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.853+/-0.000 χ^2/NDF : 235769238.8/7

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.540+/-0.000 χ^2/NDF : 644466.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.613+/-0.000 χ^2/NDF : 455625.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

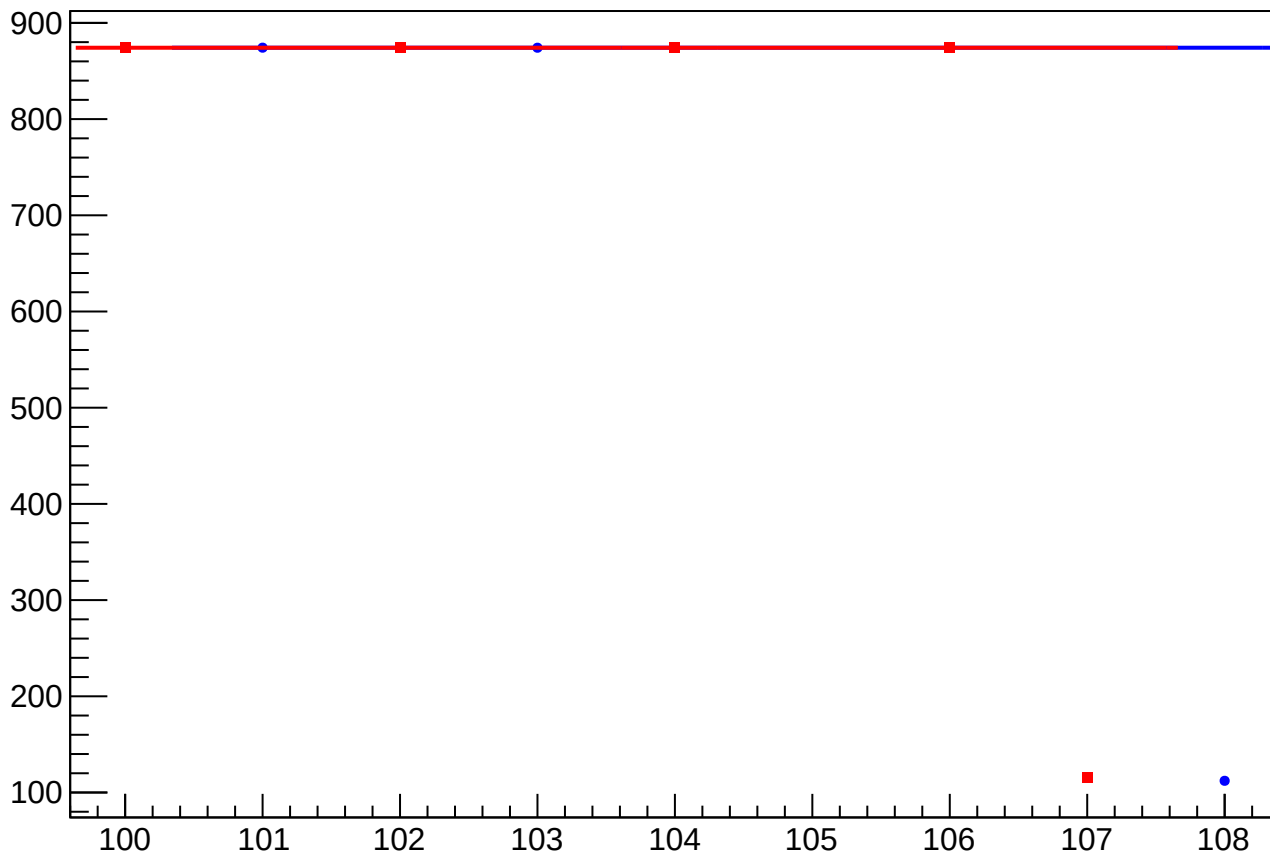
Right: 0.574+/-0.000 χ^2/NDF : 1122358.5/7

In: 0.540+/-0.000 χ^2/NDF : 644466.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.574+/-0.000 χ^2/NDF : 1122358.5/7

yield_cav4bQ_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 874.193+/-0.000 χ^2 /NDF: 153976268945.4/7

Right In: 874.202+/-0.000 χ^2 /NDF: 128913909339.9/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 874.185+/-0.000 χ^2 /NDF: 25061234834.3/4

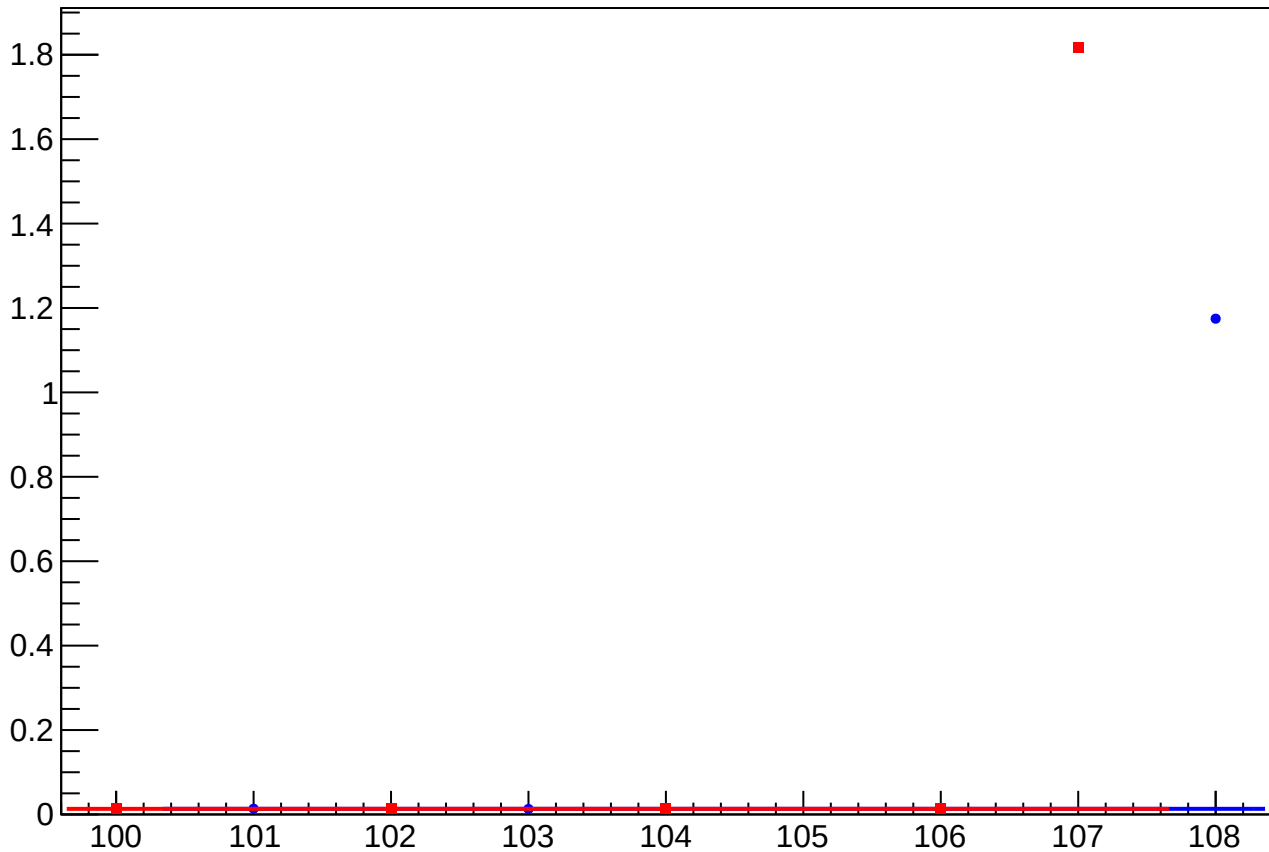
In: 874.202+/-0.000 χ^2 /NDF: 128913909339.9/2

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 874.193+/-0.000 χ^2 /NDF: 153976268945.4/7

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 599986.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 282901.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

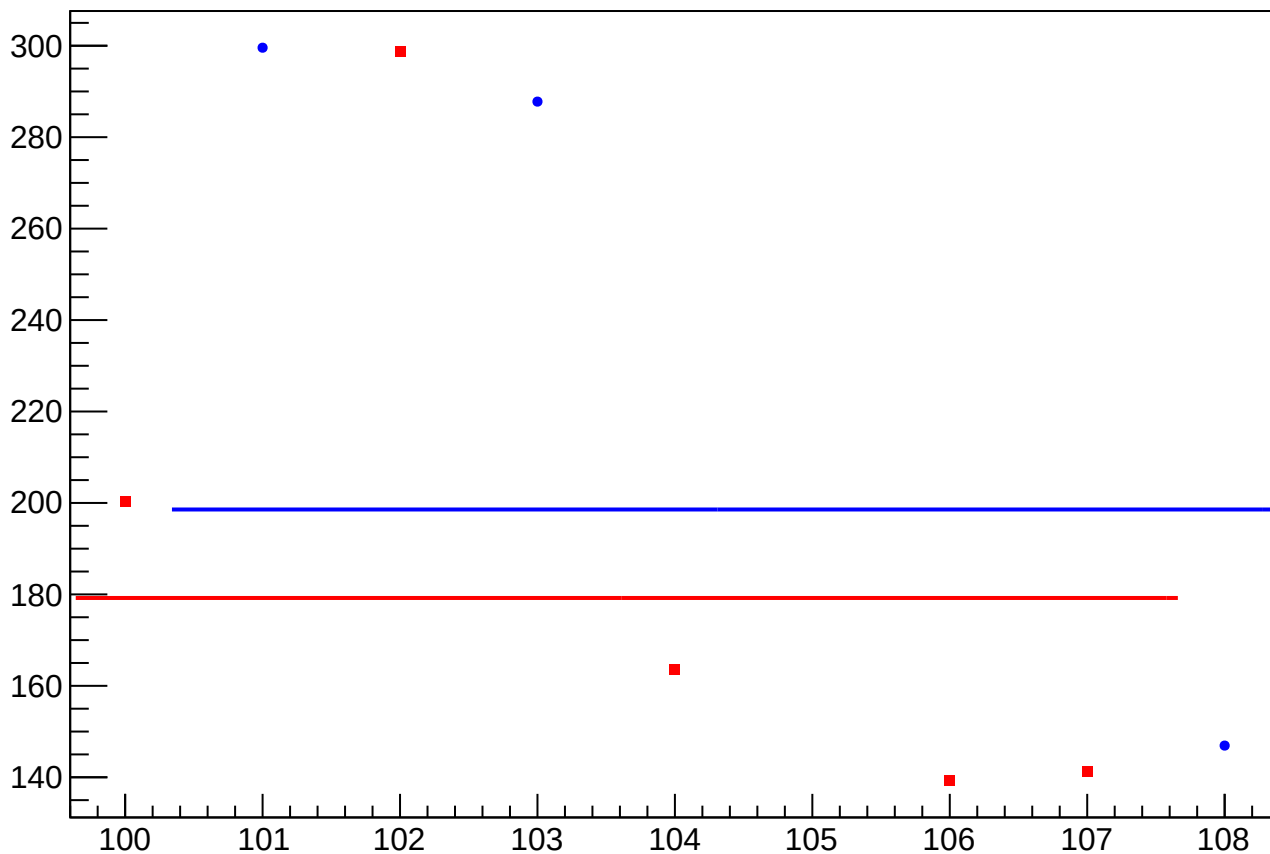
Right: 0.013+/-0.000 χ^2/NDF : 882922.4/7

In: 0.013+/-0.000 χ^2/NDF : 599986.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 882922.4/7

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 198.569+/-0.004 χ^2/NDF : 367093443.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 179.216+/-0.005 χ^2/NDF : 155158952.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

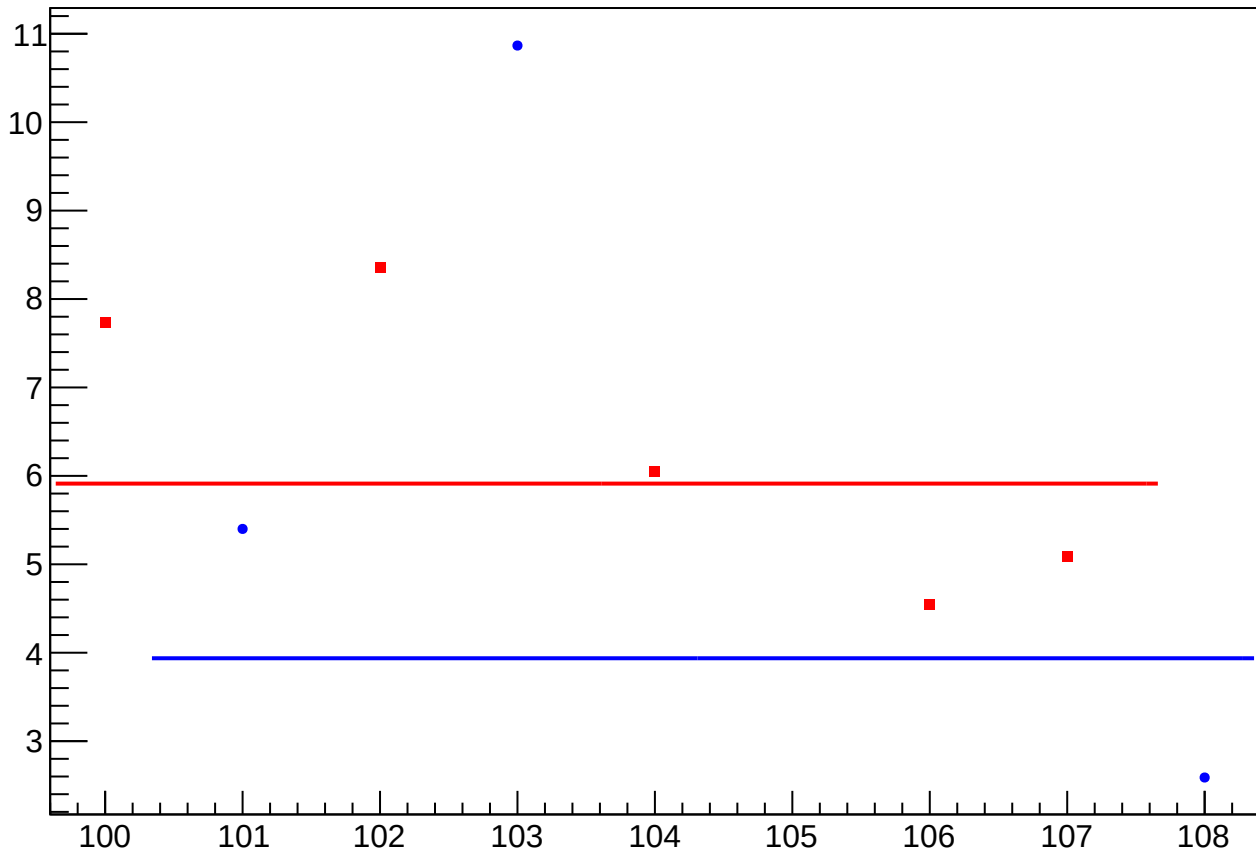
Right: 191.315+/-0.003 χ^2/NDF : 532357584.2/7

In: 198.569+/-0.004 χ^2/NDF : 367093443.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.315+/-0.003 χ^2/NDF : 532357584.2/7

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 3.937+/-0.003 χ^2/NDF : 739789.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.913+/-0.003 χ^2/NDF : 167028.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

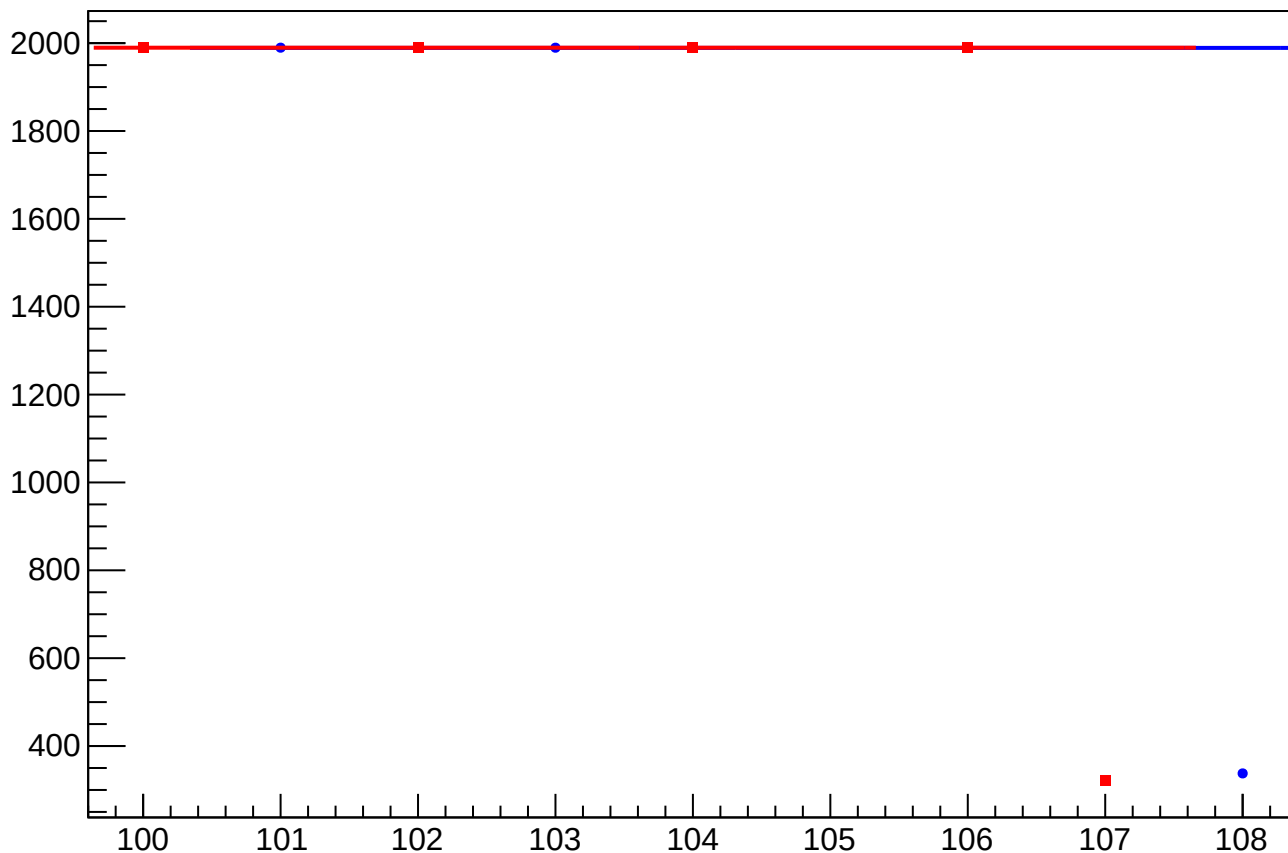
Right: 4.678+/-0.002 χ^2/NDF : 1117368.6/7

In: 3.937+/-0.003 χ^2/NDF : 739789.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

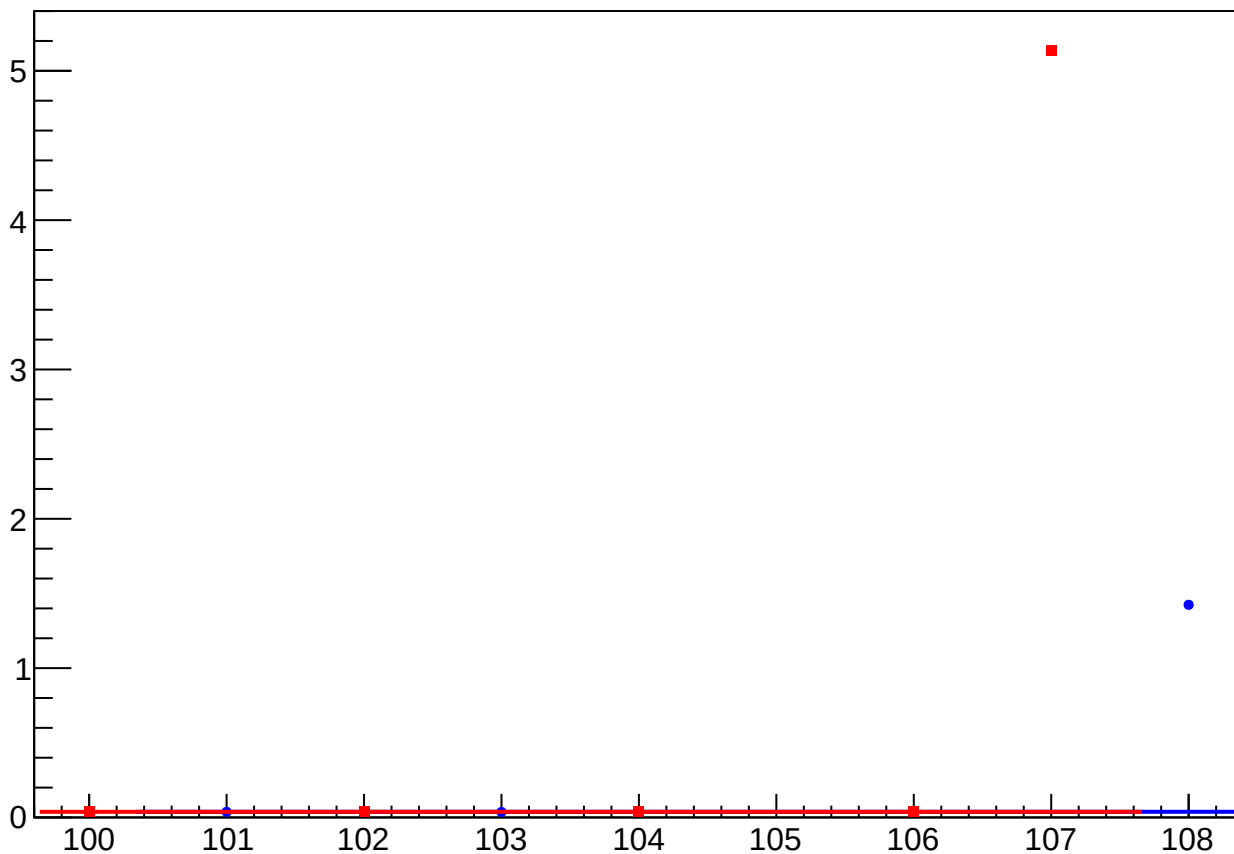
All: 4.678+/-0.002 χ^2/NDF : 1117368.6/7

yield_cav4dQ_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Right In: 1989.158+/-0.000 χ^2 /NDF: 436802880216.1/2
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Right: 1989.400+/-0.000 χ^2 /NDF: 454935277276.1/2
In: 1989.158+/-0.000 χ^2 /NDF: 436802880216.1/2
Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
All: 1989.400+/-0.000 χ^2 /NDF: 454935277276.1/2

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.038+/-0.000 χ^2/NDF : 615510.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.038+/-0.000 χ^2/NDF : 337753.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

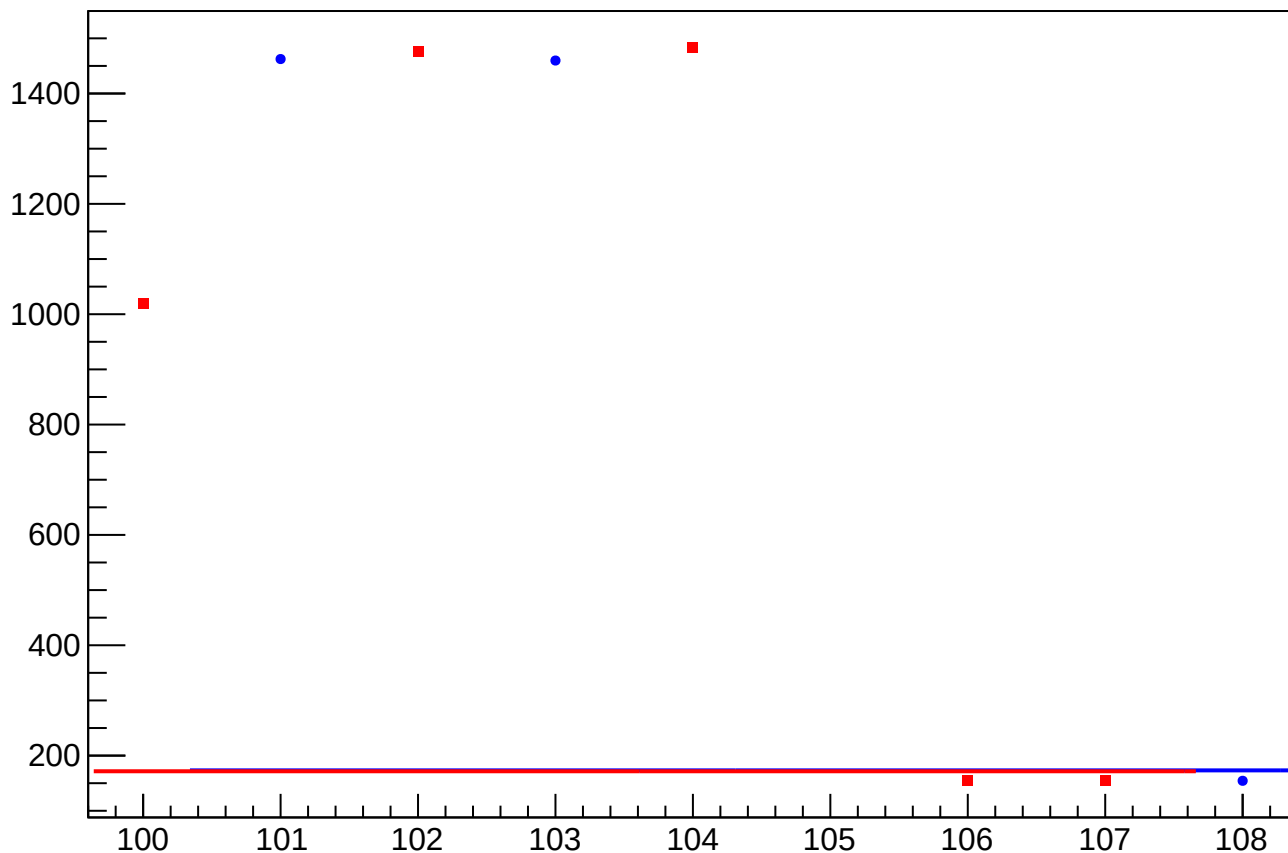
Right: 0.038+/-0.000 χ^2/NDF : 953328.6/7

In: 0.038+/-0.000 χ^2/NDF : 615510.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

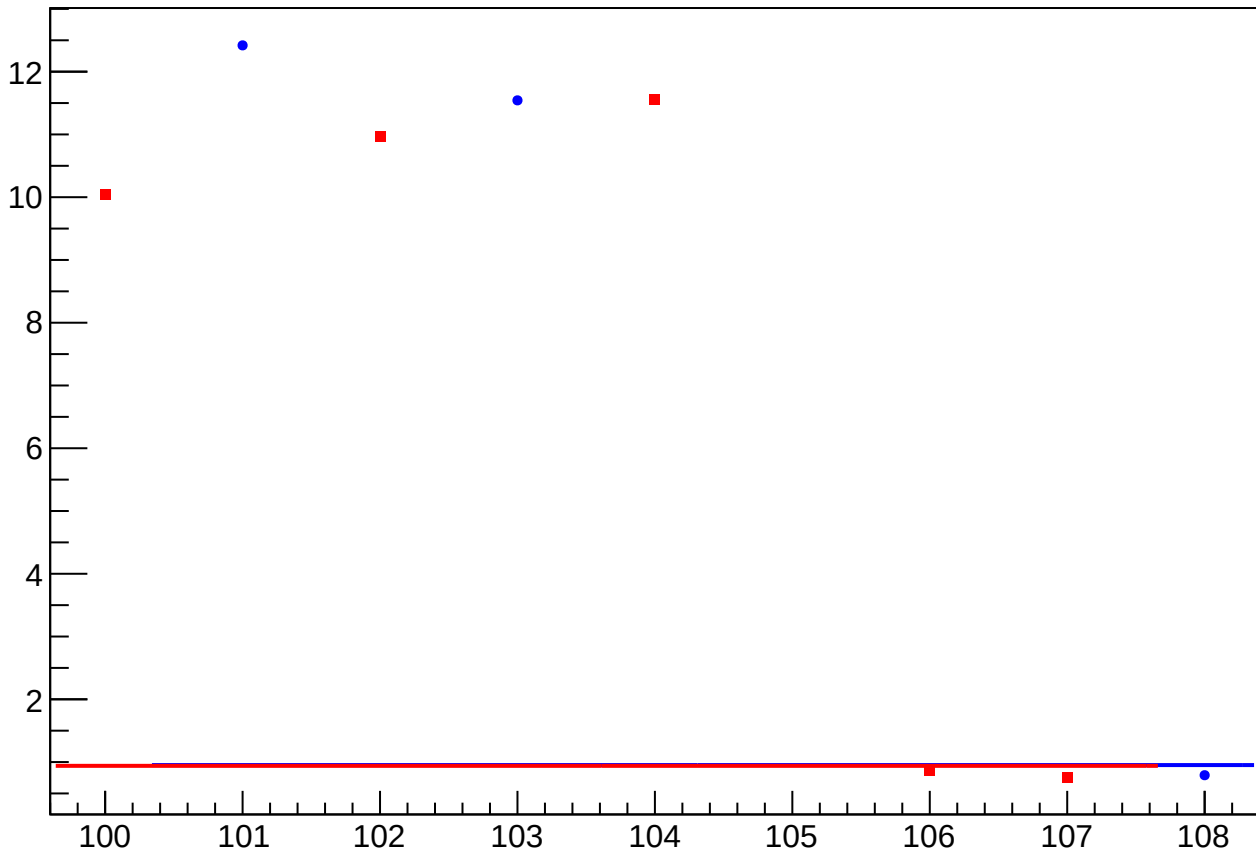
All: 0.038+/-0.000 χ^2/NDF : 953328.6/7

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 173.233+/-0.001 χ^2/NDF : 14156136163.9/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 171.629+/-0.001 χ^2/NDF : 15702835818.8/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 172.334+/-0.001 χ^2/NDF : 29859810890.3/7
 In: 173.233+/-0.001 χ^2/NDF : 14156136163.9/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 172.334+/-0.001 χ^2/NDF : 29859810890.3/7

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.952+/-0.001 χ^2/NDF : 2073222.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.940+/-0.001 χ^2/NDF : 2002699.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

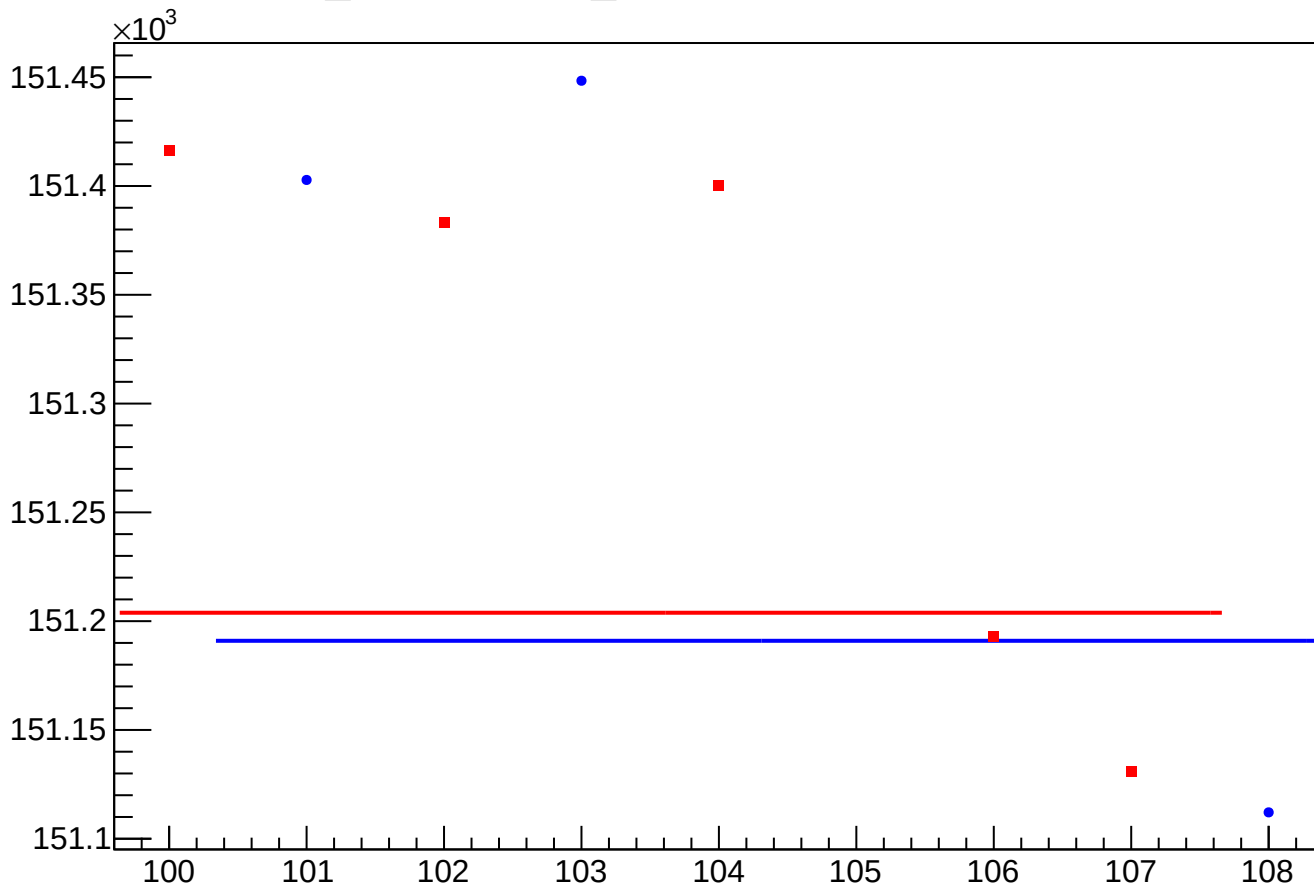
Right: 0.945+/-0.001 χ^2/NDF : 4076017.7/7

In: 0.952+/-0.001 χ^2/NDF : 2073222.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.945+/-0.001 χ^2/NDF : 4076017.7/7

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 151190.975 $\pm$ 0.172 χ^2 /NDF: 626099.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 151203.870 $\pm$ 0.156 χ^2 /NDF: 340122.7/4

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

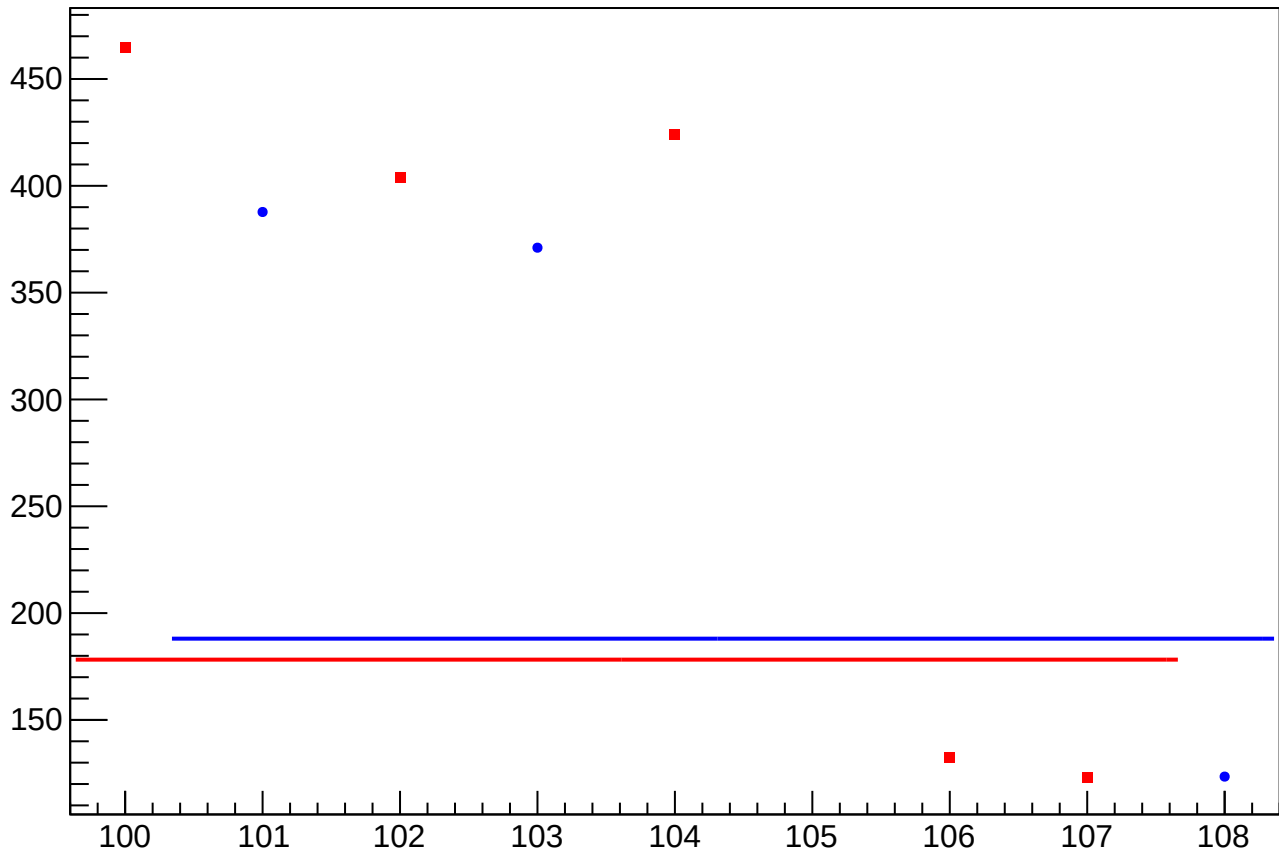
Right: 151198.063 $\pm$ 0.116 χ^2 /NDF: 969301.9/7

In: 151190.975 $\pm$ 0.172 χ^2 /NDF:626099.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 151198.063 $\pm$ 0.116 χ^2 /NDF: 969301.9/7

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 188.041+/-0.122 χ^2/NDF : 834839.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.220+/-0.110 χ^2/NDF : 979658.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

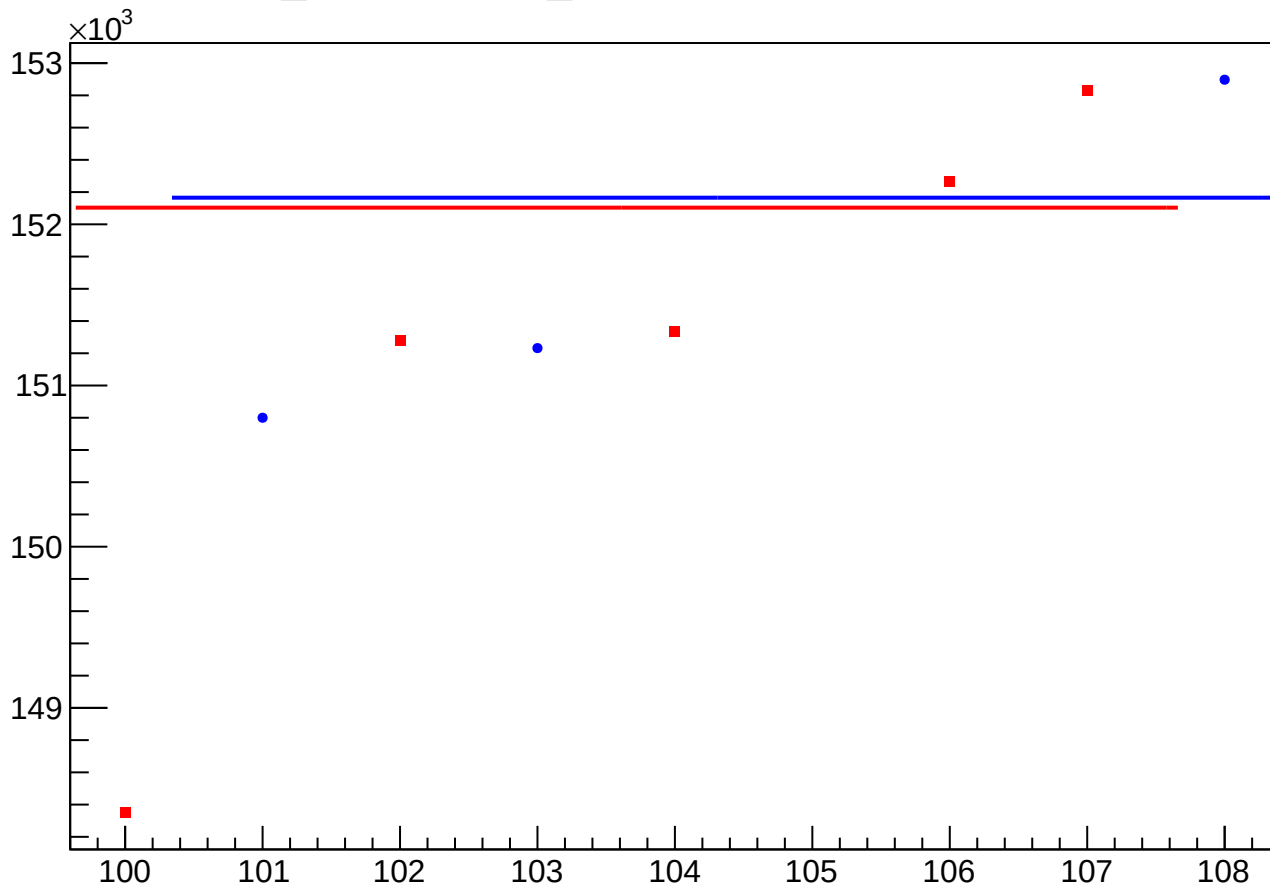
Right: 182.643+/-0.082 χ^2/NDF : 1818070.4/7

In: 188.041+/-0.122 χ^2/NDF : 834839.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

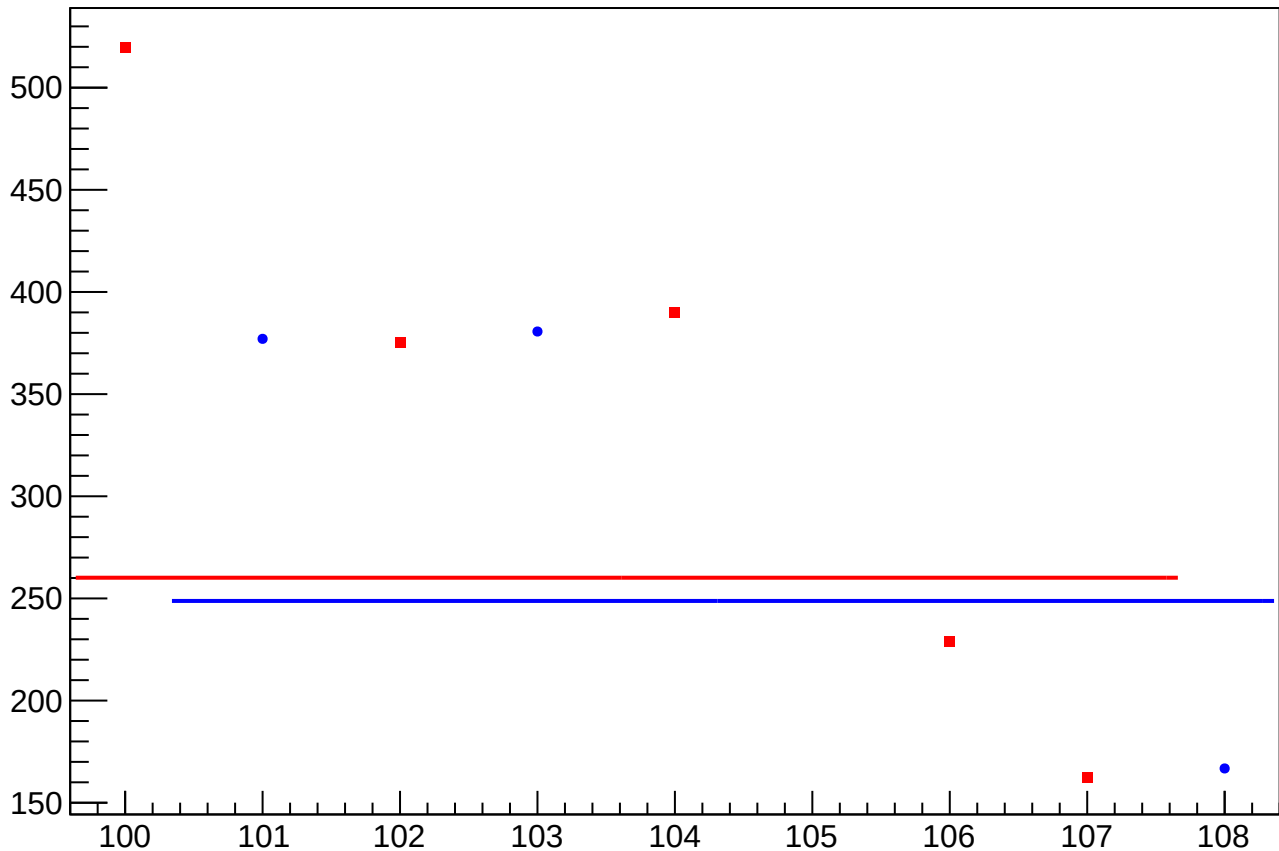
All: 182.643+/-0.082 χ^2/NDF : 1818070.4/7

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 152165.288 $\pm$ 0.210 χ^2 /NDF: 19691387.0/2
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 152103.493 $\pm$ 0.212 χ^2 /NDF: 13833706.8/4
 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: 152134.677 $\pm$ 0.149 χ^2 /NDF: 33568043.7/7
 In: 152165.288 $\pm$ 0.210 χ^2 /NDF:19691387.0/2
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 152134.677 $\pm$ 0.149 χ^2 /NDF: 33568043.7/7

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 248.772 $\pm$ 0.148 χ^2 /NDF: 484060.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 260.140 $\pm$ 0.150 χ^2 /NDF: 456015.5/4

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

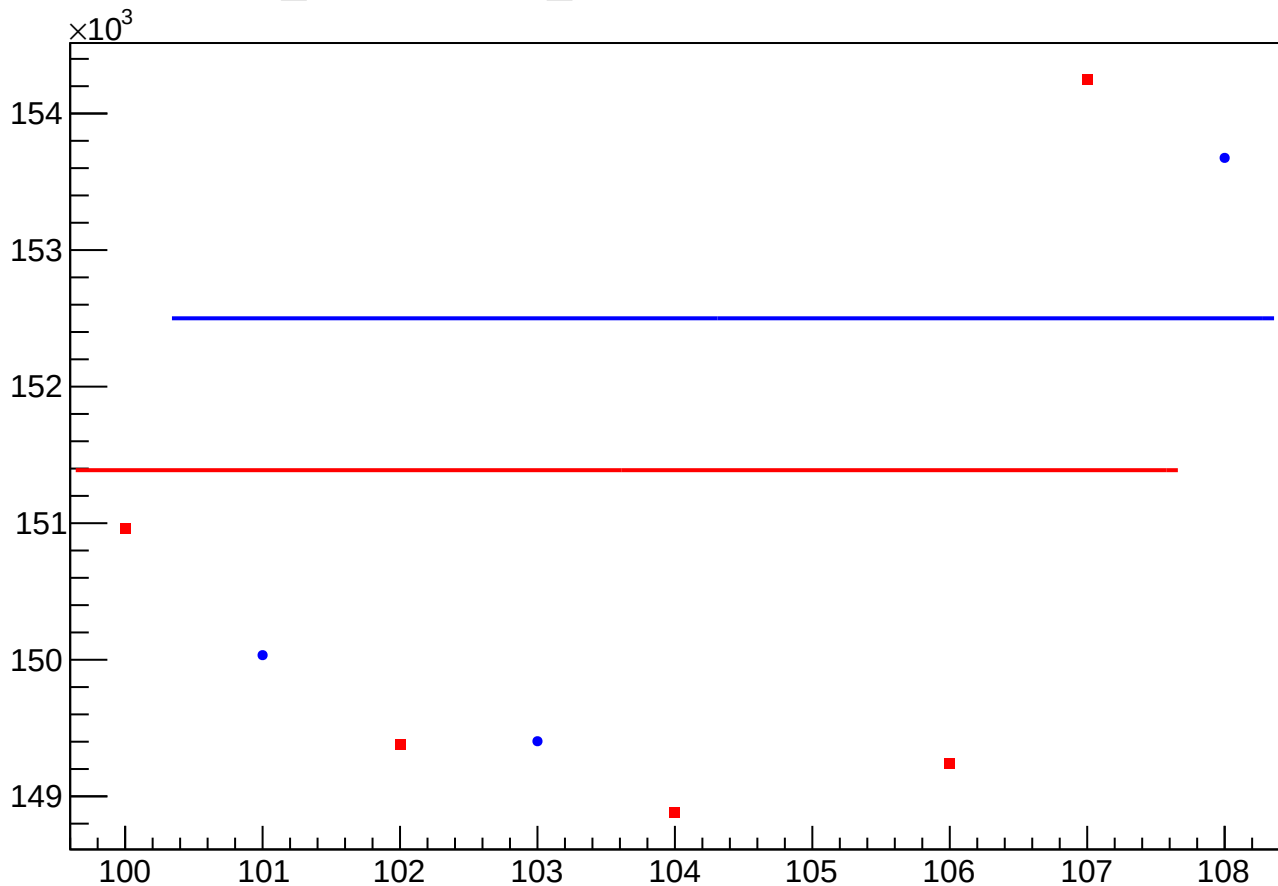
Right: 254.403 $\pm$ 0.105 χ^2 /NDF: 942982.8/7

In: 248.772 $\pm$ 0.148 χ^2 /NDF:484060.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

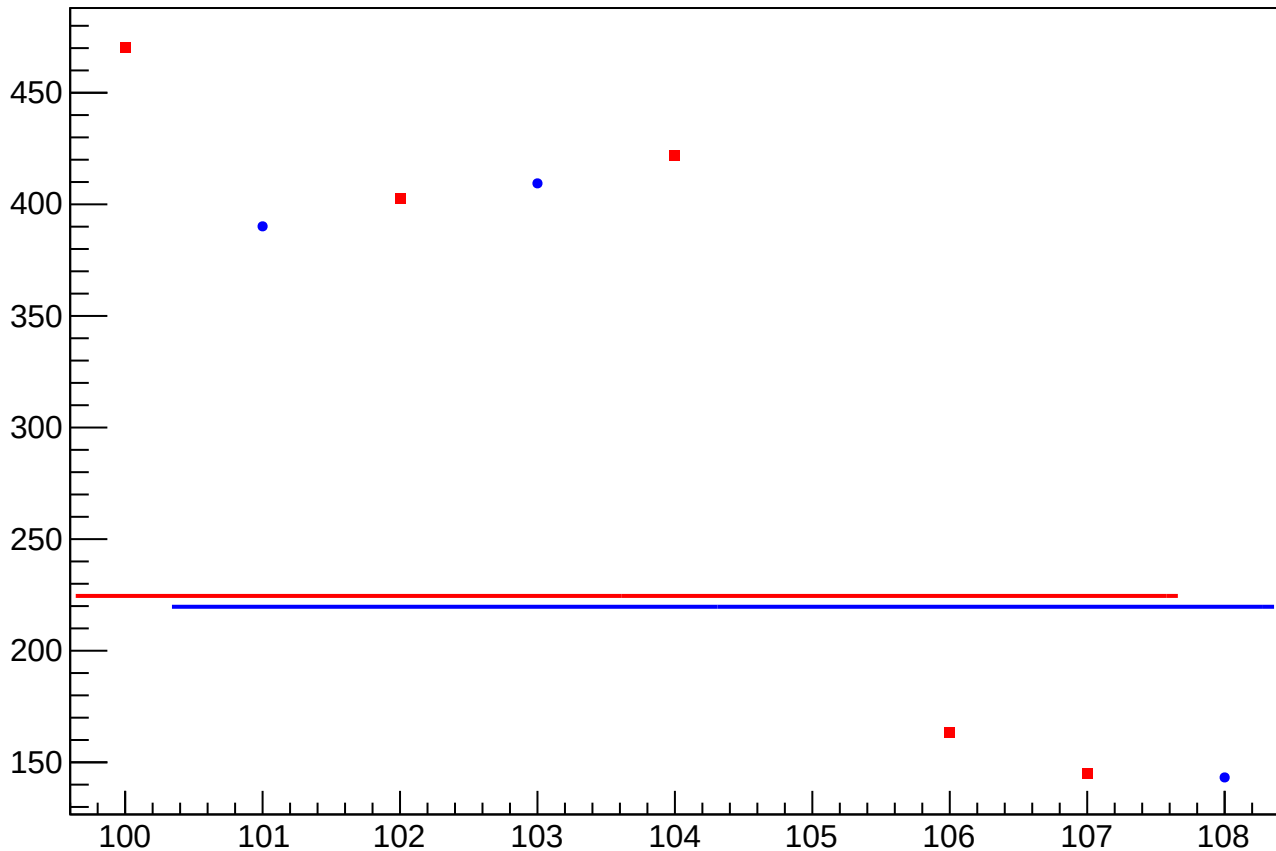
All: 254.403 $\pm$ 0.105 χ^2 /NDF: 942982.8/7

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 152500.365 $\pm$ 0.195 χ^2 /NDF: 86251993.1/2
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 151388.207 $\pm$ 0.195 χ^2 /NDF: 162103653.3/4
 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: 151946.530 $\pm$ 0.138 χ^2 /NDF: 264633957.9/7
 In: 152500.365 $\pm$ 0.195 χ^2 /NDF:86251993.1/2
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 151946.530 $\pm$ 0.138 χ^2 /NDF: 264633957.9/7

yield_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 219.698+/-0.138 χ^2/NDF : 725760.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 224.553+/-0.138 χ^2/NDF : 719836.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

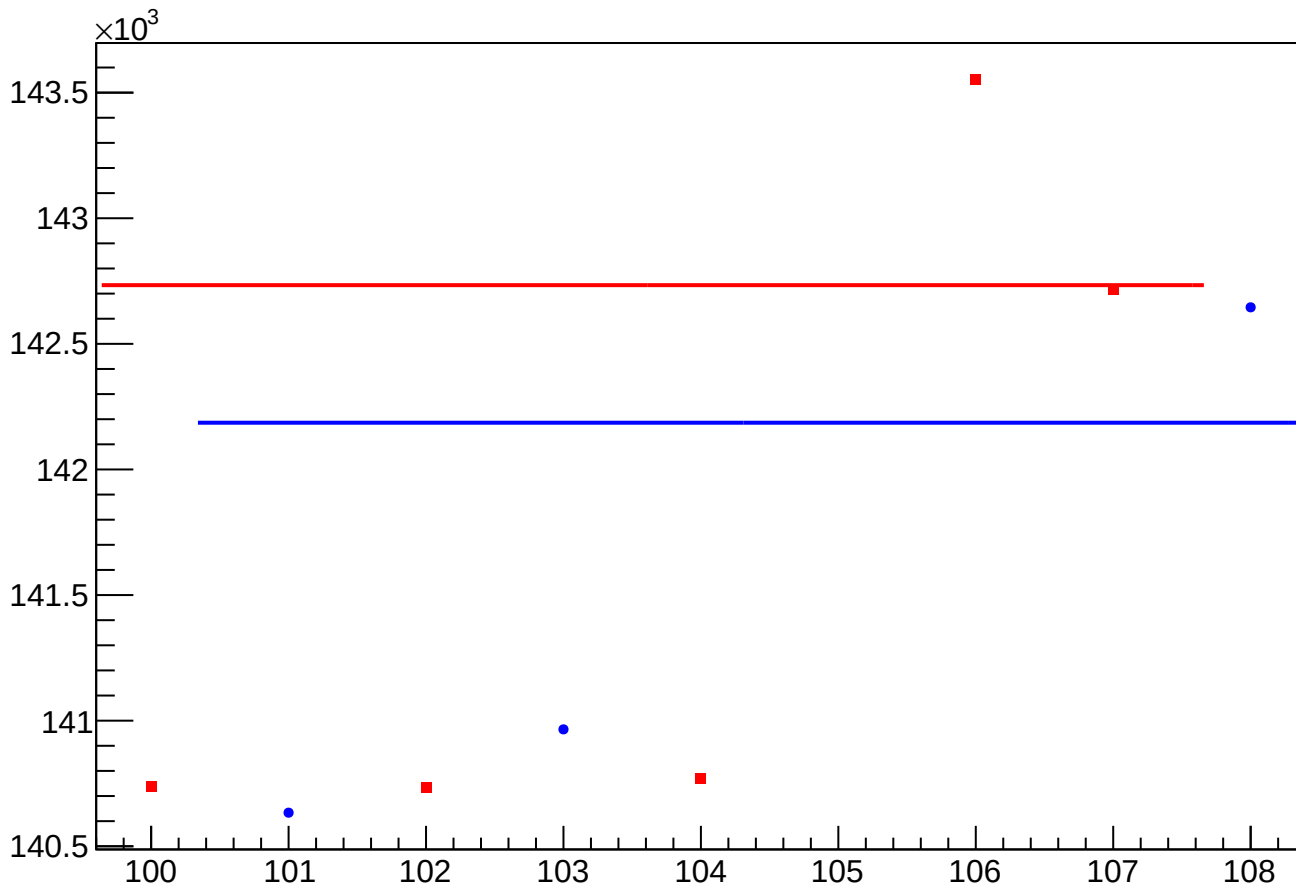
Right: 222.116+/-0.097 χ^2/NDF : 1446217.0/7

In: 219.698+/-0.138 χ^2/NDF : 725760.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 222.116+/-0.097 χ^2/NDF : 1446217.0/7

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 142484.854+/-0.107 χ^2 /NDF: 78039223.0/7

In: 142186.062+/-0.159 χ^2 /NDF: 25401231.4/2

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 142484.854+/-0.107 χ^2 /NDF: 78039223.0/7

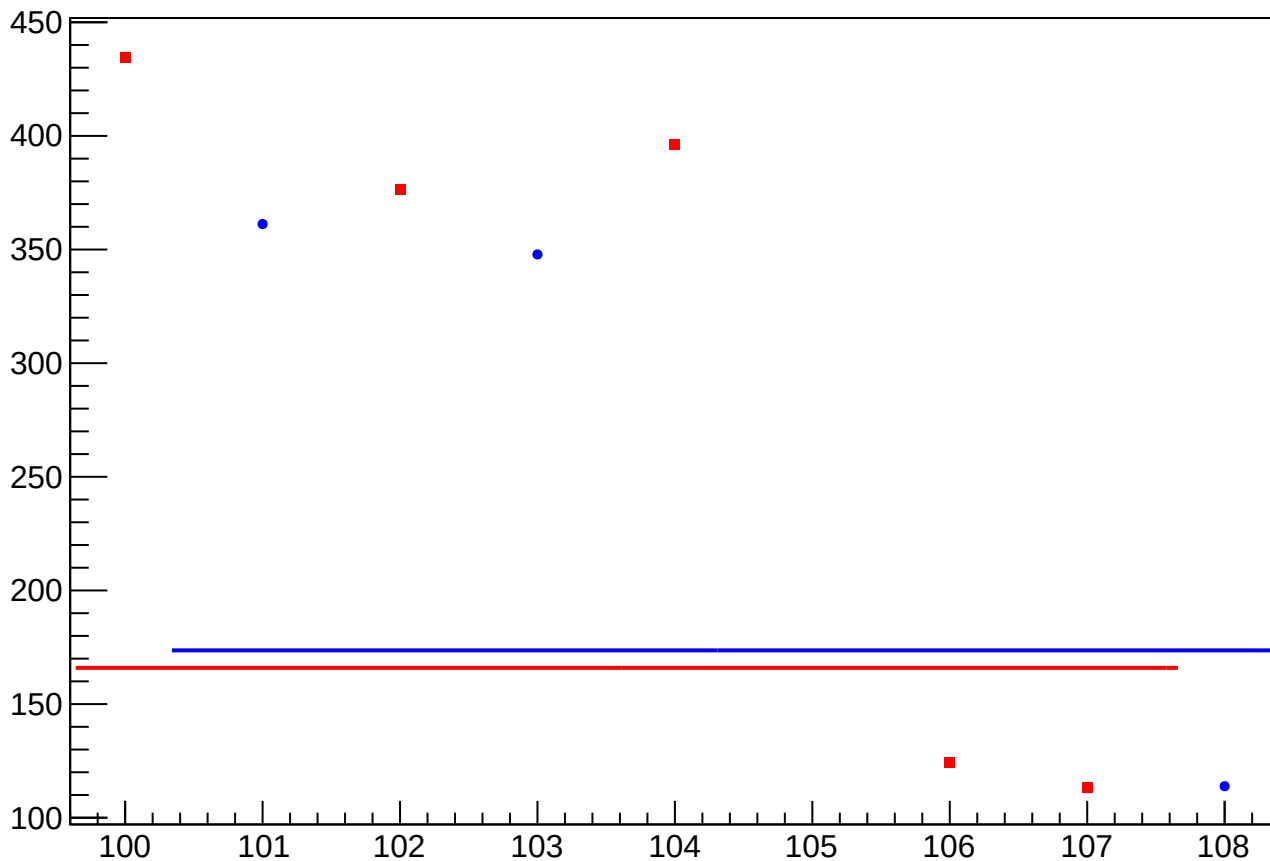
Right In: 142186.062+/-0.159 χ^2 /NDF: 25401231.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 142733.638+/-0.146 χ^2 /NDF: 46205022.2/4

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 173.638 $\pm$ 0.113 χ^2 /NDF: 852187.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 165.944 $\pm$ 0.103 χ^2 /NDF: 983572.0/4

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

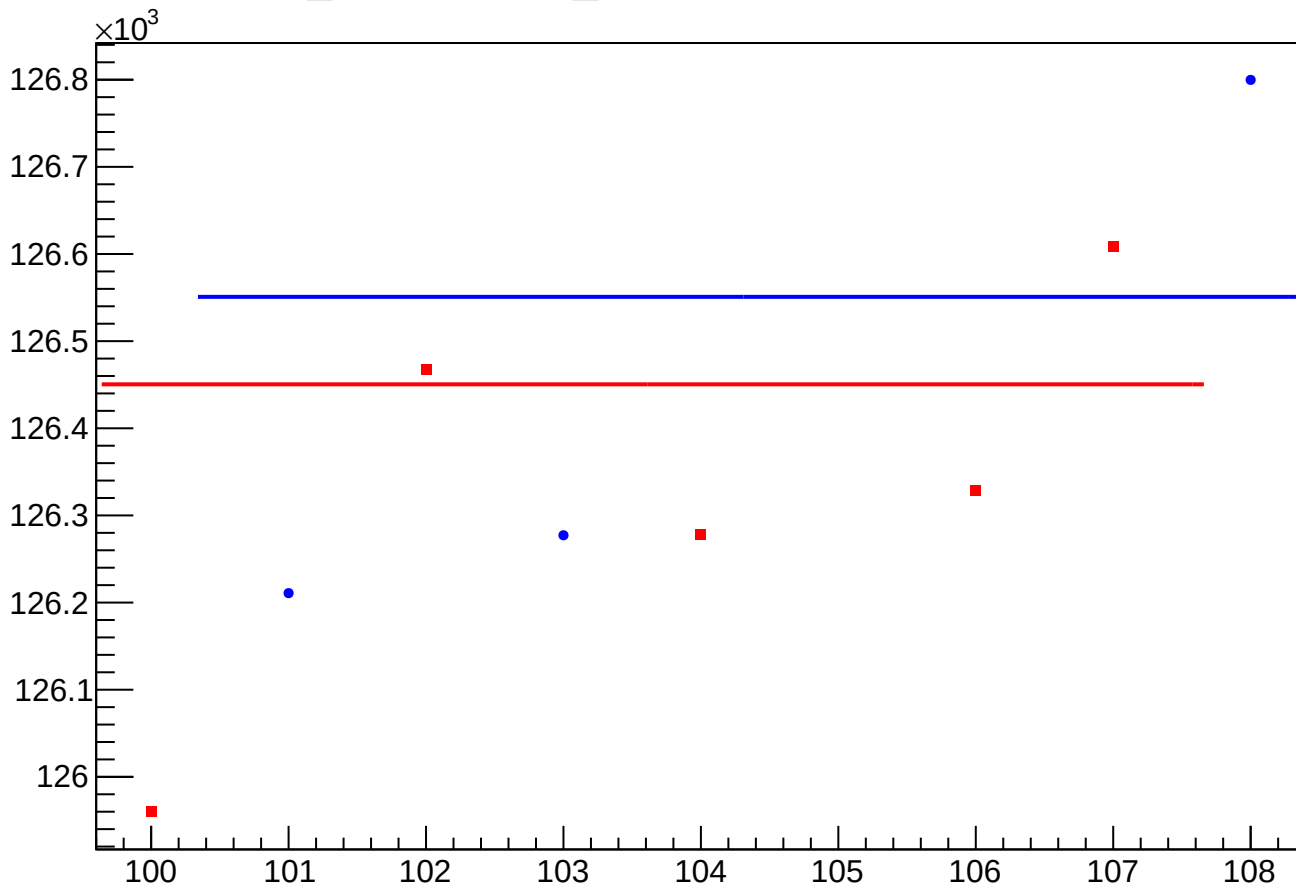
Right: 169.440 $\pm$ 0.076 χ^2 /NDF: 1838299.4/7

In: 173.638 $\pm$ 0.113 χ^2 /NDF:852187.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 169.440 $\pm$ 0.076 χ^2 /NDF: 1838299.4/7

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 126500.727+/-0.129 χ^2 /NDF: 3088426.2/7

In: 126550.833+/-0.182 χ^2 /NDF:2322256.2/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 126500.727+/-0.129 χ^2 /NDF: 3088426.2

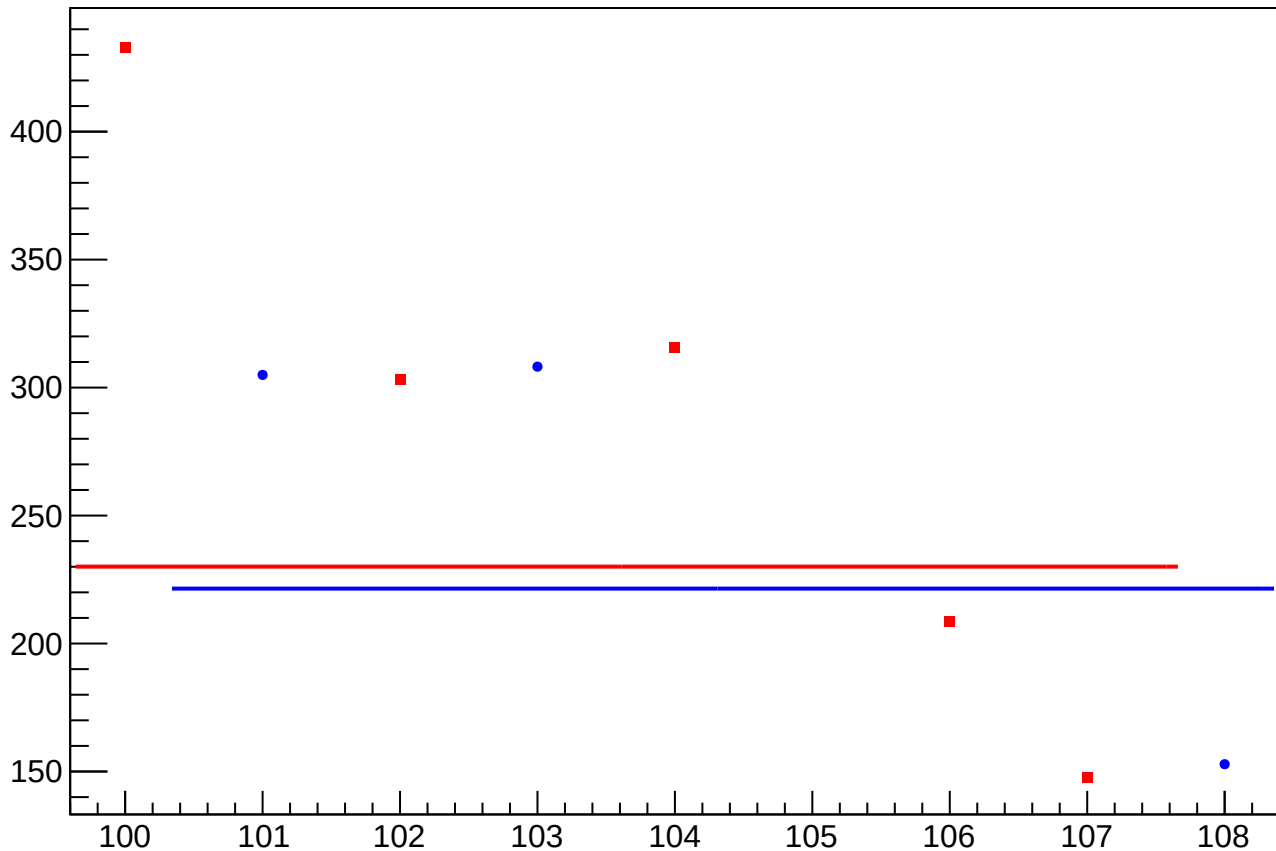
Right In: 126550.833+/-0.182 χ^2 /NDF: 2322256.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 126450.451+/-0.183 χ^2 /NDF: 615080.6/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 221.466+/-0.129 χ^2/NDF : 350530.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 230.049+/-0.129 χ^2/NDF : 337900.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

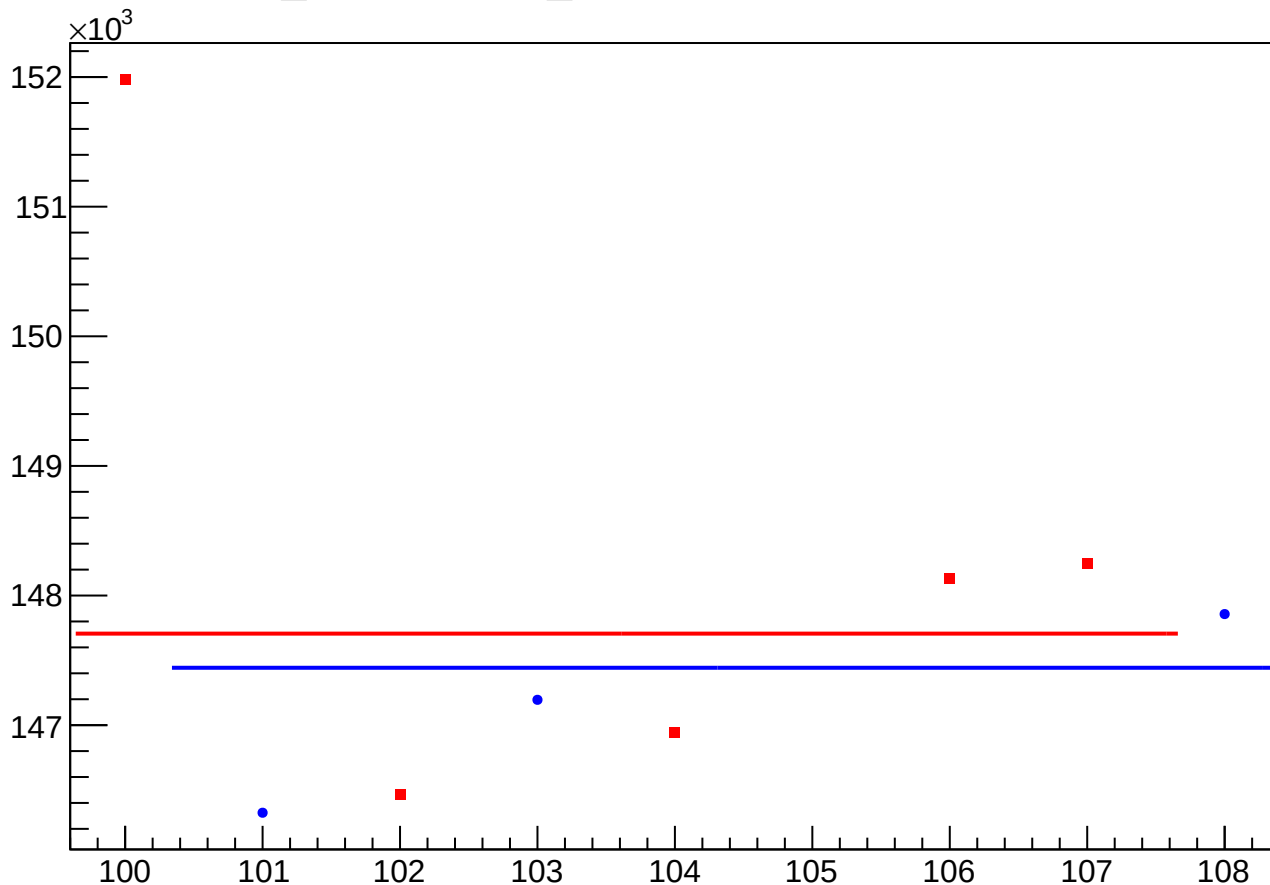
Right: 225.750+/-0.091 χ^2/NDF : 690639.5/7

In: 221.466+/-0.129 χ^2/NDF : 350530.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 225.750+/-0.091 χ^2/NDF : 690639.5/7

yield_bpm0l02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 147570.014+/-0.162 χ^2 /NDF: 23019532.2/7

In: 147442.802+/-0.226 χ^2 /NDF: 7158570.7/2

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 147570.014+/-0.162 χ^2 /NDF: 23019532.2/7

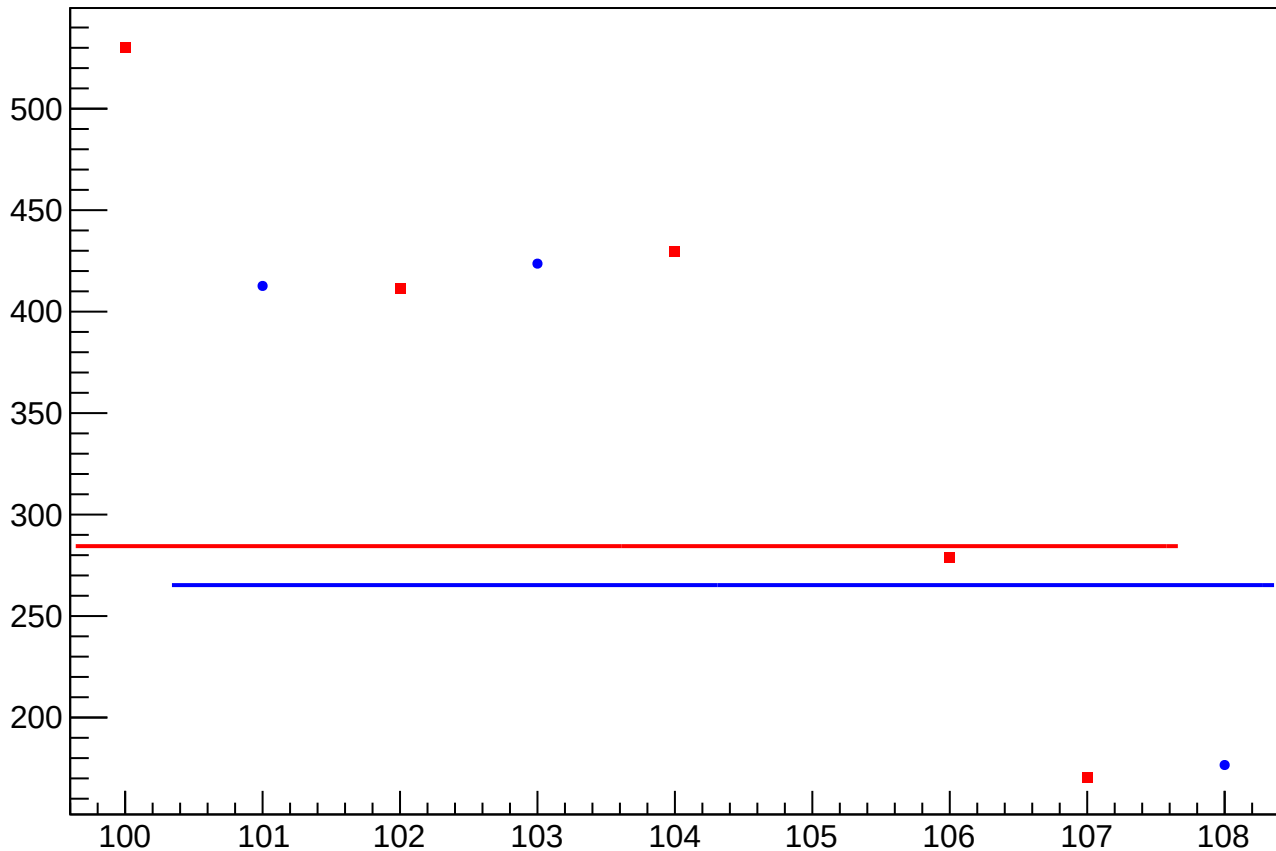
Right In: 147442.802+/-0.226 χ^2 /NDF: 7158570.7/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 147706.227+/-0.234 χ^2 /NDF: 15203128.3/4

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 265.247+/-0.160 χ^2/NDF : 531301.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 284.448+/-0.165 χ^2/NDF : 486393.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

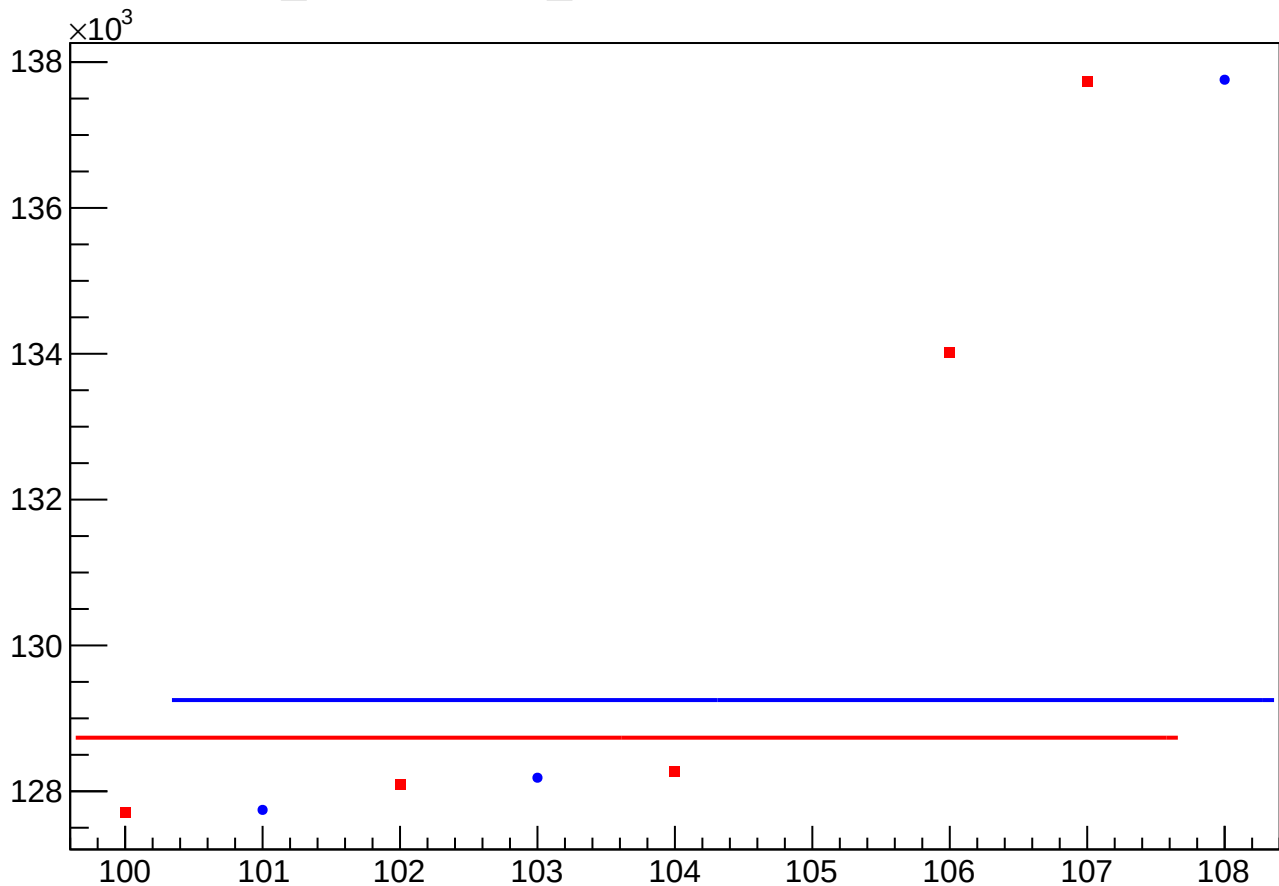
Right: 274.519+/-0.115 χ^2/NDF : 1024683.7/7

In: 265.247+/-0.160 χ^2/NDF : 531301.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 274.519+/-0.115 χ^2/NDF : 1024683.7/7

yield_bpm0l03WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 129010.103+/-0.192 χ^2 /NDF: 212434409.1/7

In: 129250.784+/-0.263 χ^2 /NDF: 160325704.2/2

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 129010.103+/-0.192 χ^2 /NDF: 212434409.1/7

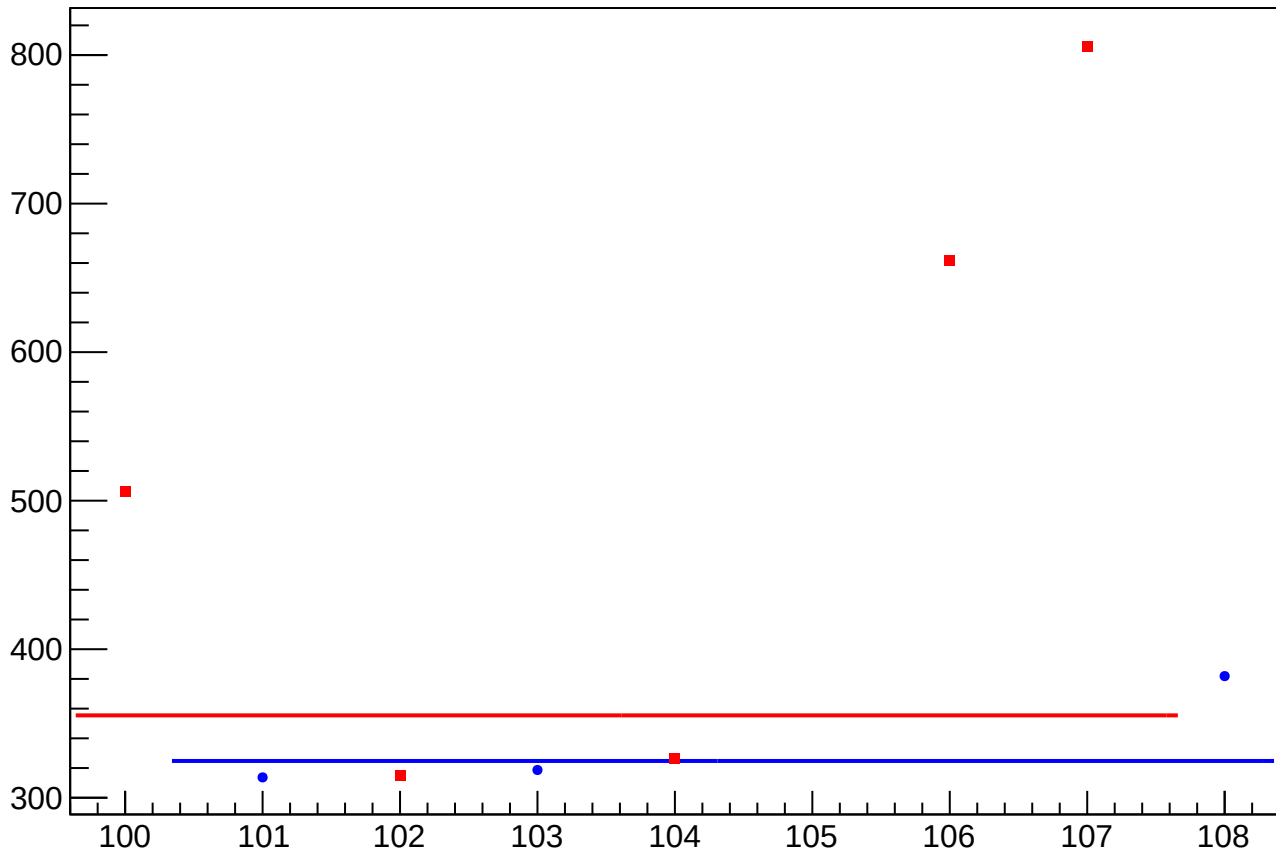
Right In: 129250.784+/-0.263 χ^2 /NDF: 160325704.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 128734.942+/-0.281 χ^2 /NDF: 50314917.2/4

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 324.761 $\pm$ 0.186 χ^2 /NDF: 14560.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 355.458 $\pm$ 0.199 χ^2 /NDF: 306898.1/4

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

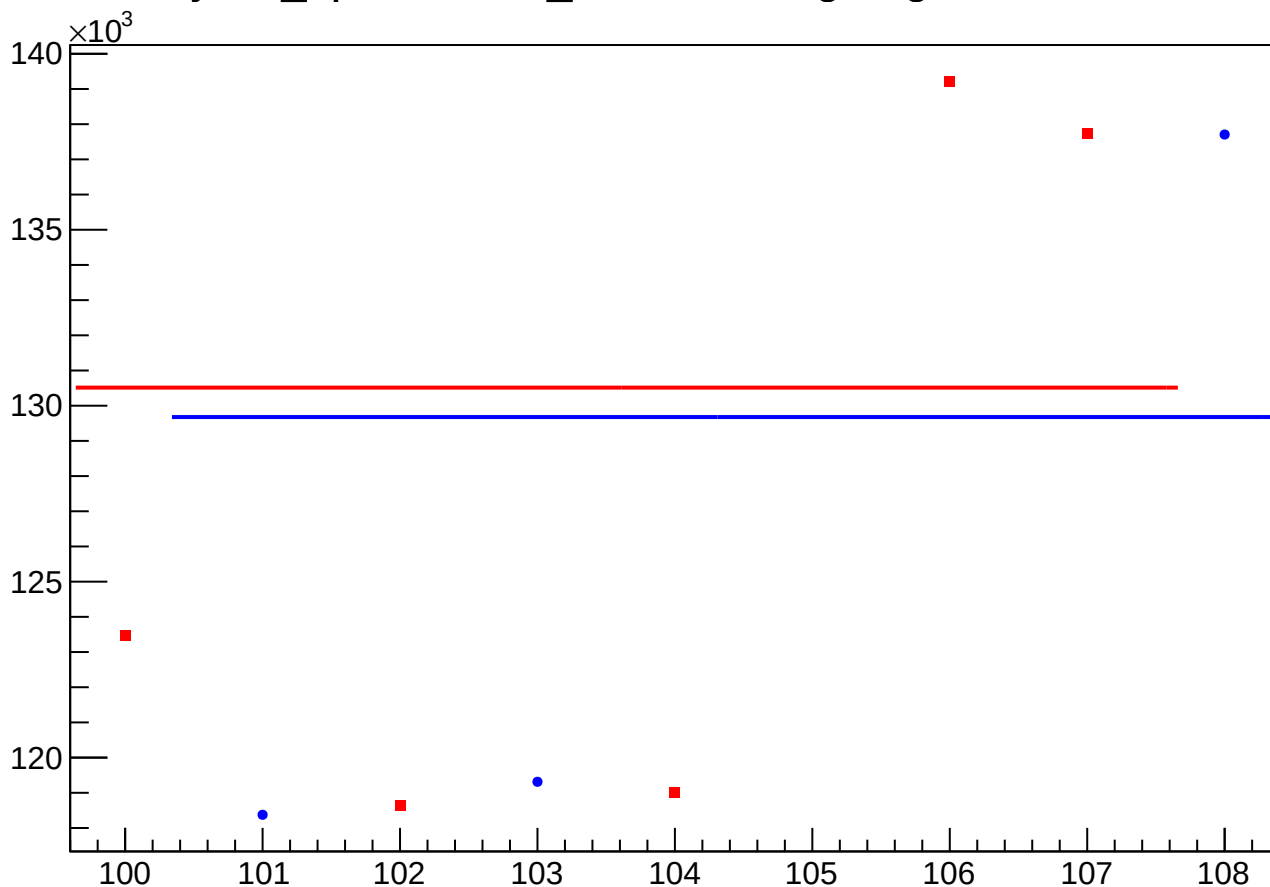
Right: 339.083 $\pm$ 0.136 χ^2 /NDF: 334163.8/7

In: 324.761 $\pm$ 0.186 χ^2 /NDF:14560.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 339.083 $\pm$ 0.136 χ^2 /NDF: 334163.8/7

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 130095.245+/-0.137 χ^2 /NDF: 4709200884.3/2

In: 129677.384+/-0.194 χ^2 /NDF: 2314034547.4/2

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 130095.245+/-0.137 χ^2 /NDF: 4709200884.3/2

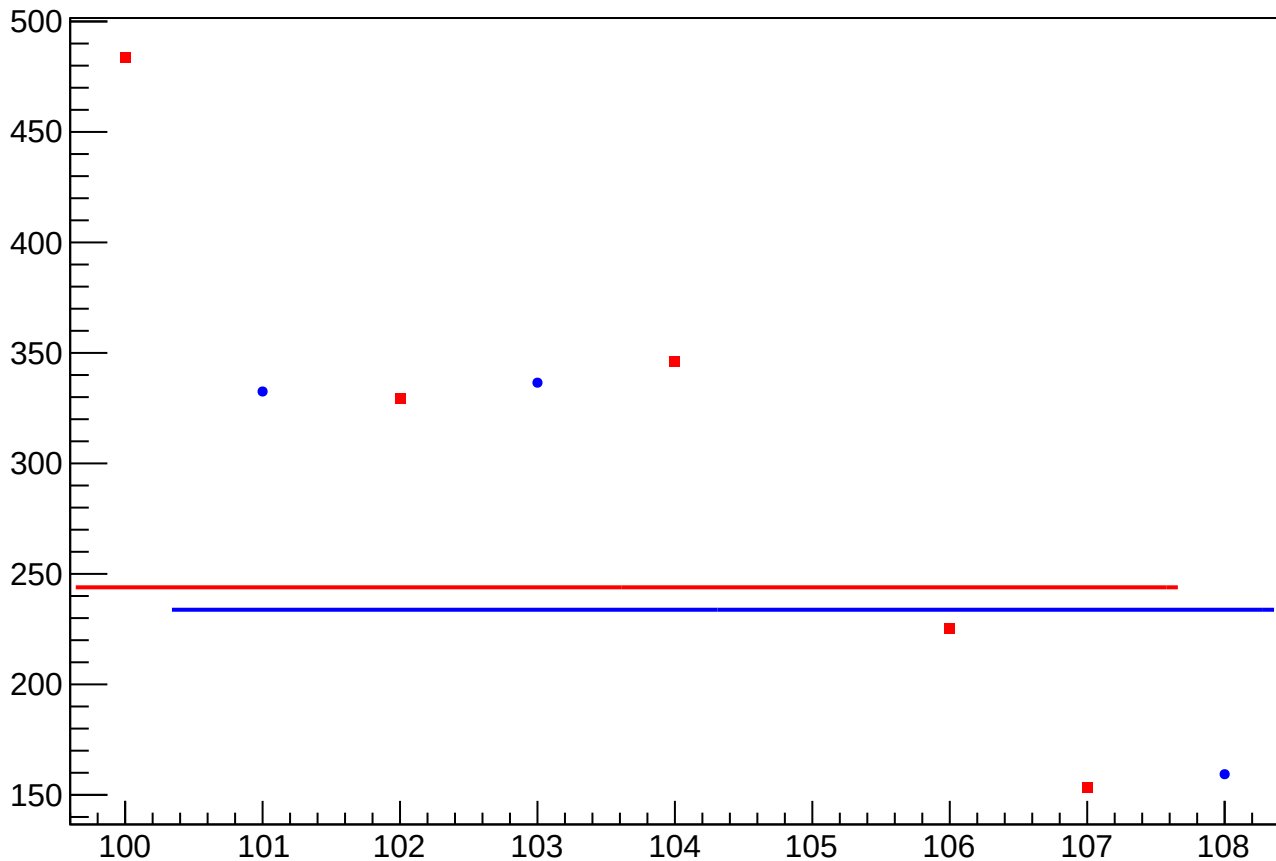
Right In: 129677.384+/-0.194 χ^2 /NDF: 2314034547.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 130514.278+/-0.194 χ^2 /NDF: 2385893429.9/4

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 233.780+/-0.137 χ^2/NDF : 397362.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 243.927+/-0.138 χ^2/NDF : 384228.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

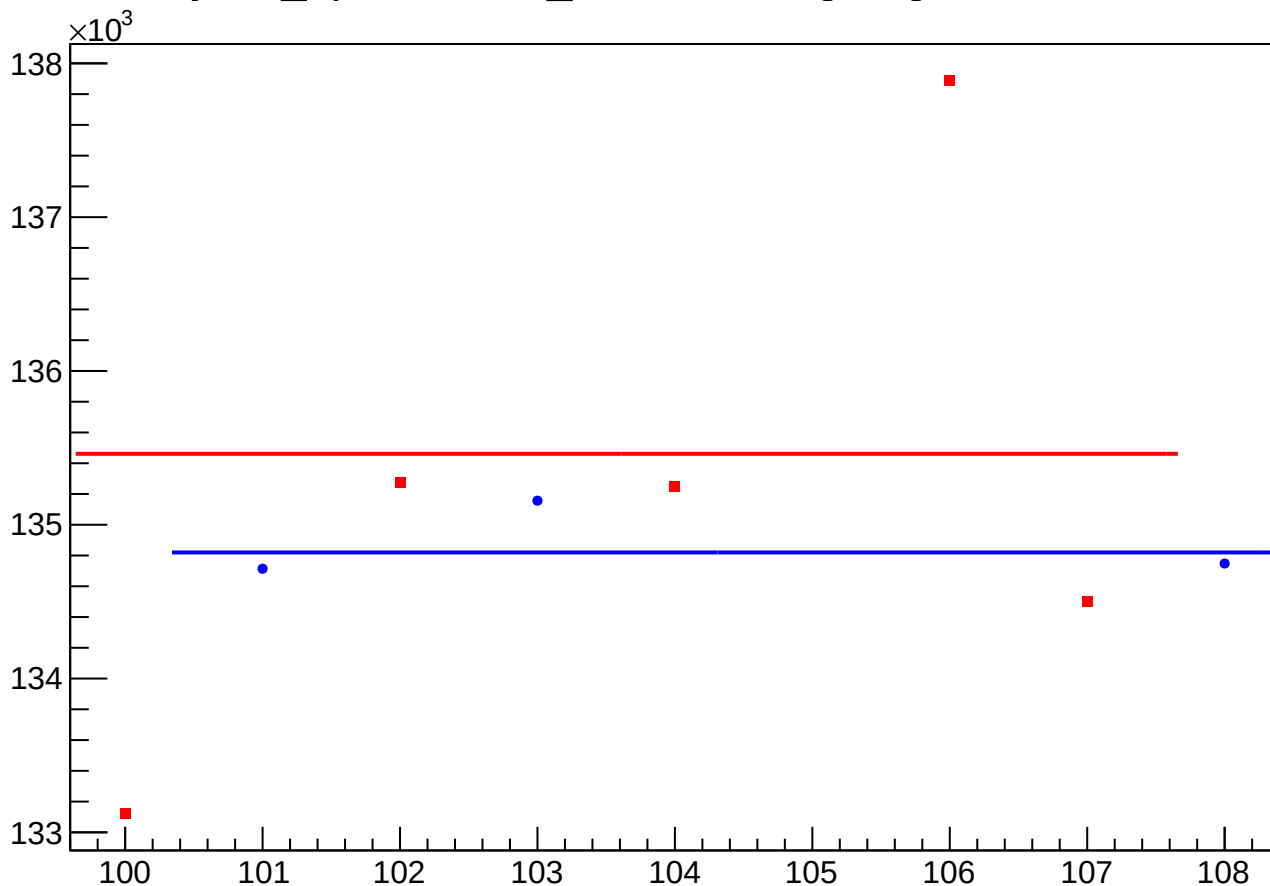
Right: 238.846+/-0.097 χ^2/NDF : 784316.8/7

In: 233.780+/-0.137 χ^2/NDF : 397362.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 238.846+/-0.097 χ^2/NDF : 784316.8/7

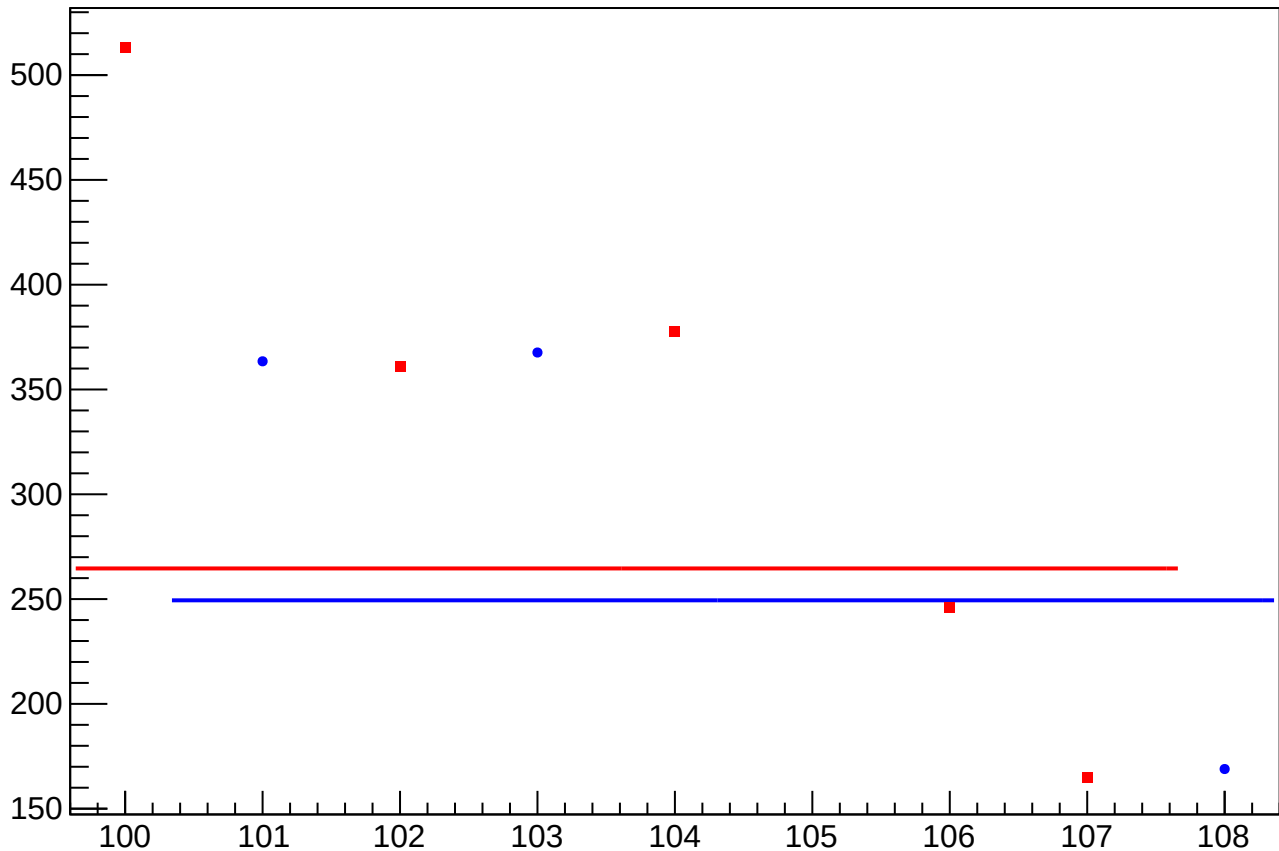
yield_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: 134819.872 $\pm$ 0.208 χ^2 /NDF: 632303.2/2
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 135461.356 $\pm$ 0.213 χ^2 /NDF: 36081075.2/4
 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: 135134.019 $\pm$ 0.149 χ^2 /NDF: 41355338.5/7
 In: 134819.872 $\pm$ 0.208 χ^2 /NDF:632303.2/2
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 135134.019 $\pm$ 0.149 χ^2 /NDF: 41355338.5/7

yield_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 249.408 $\pm$ 0.147 χ^2 /NDF: 430311.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 264.618 $\pm$ 0.150 χ^2 /NDF: 396721.9/4

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

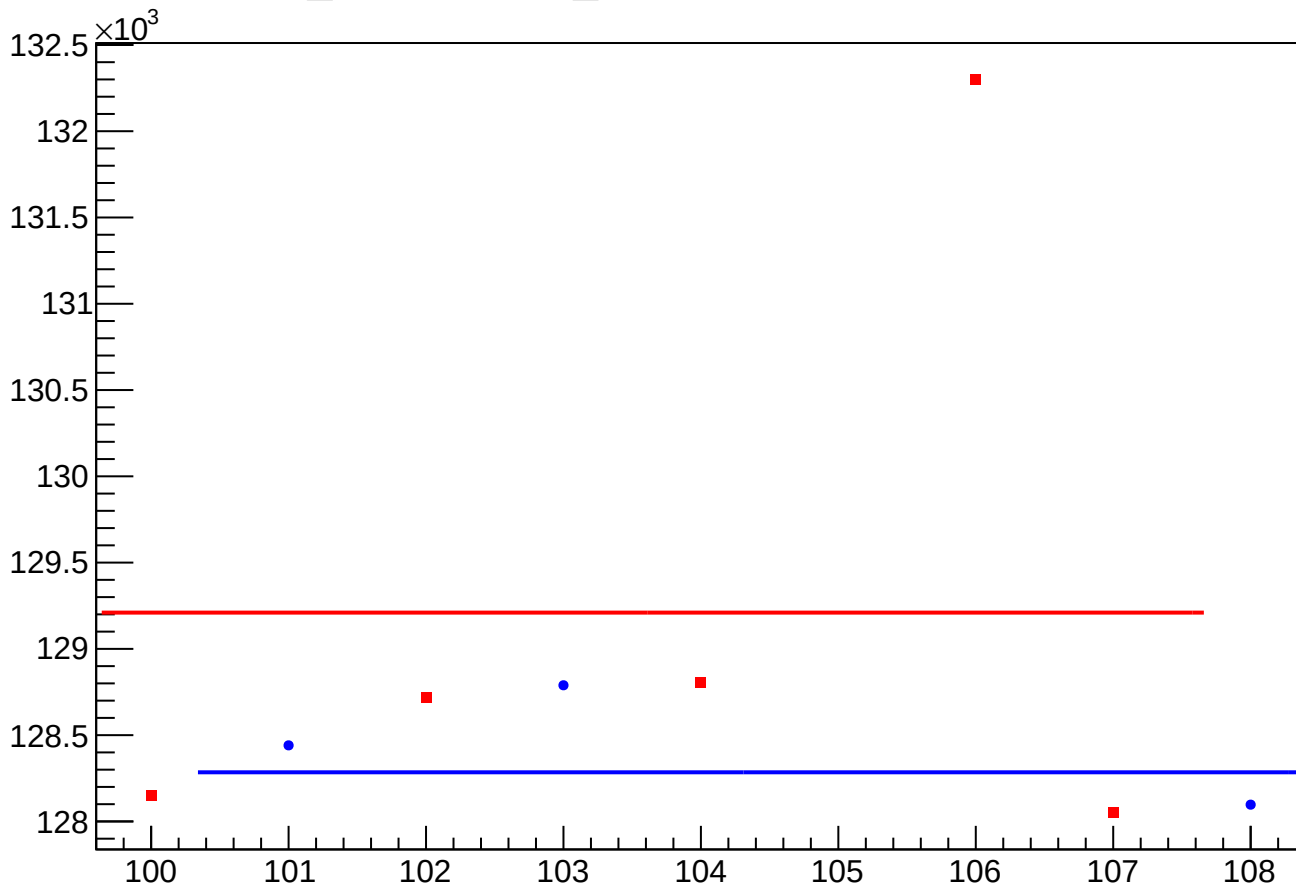
Right: 256.857 $\pm$ 0.105 χ^2 /NDF: 832252.3/7

In: 249.408 $\pm$ 0.147 χ^2 /NDF: 430311.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

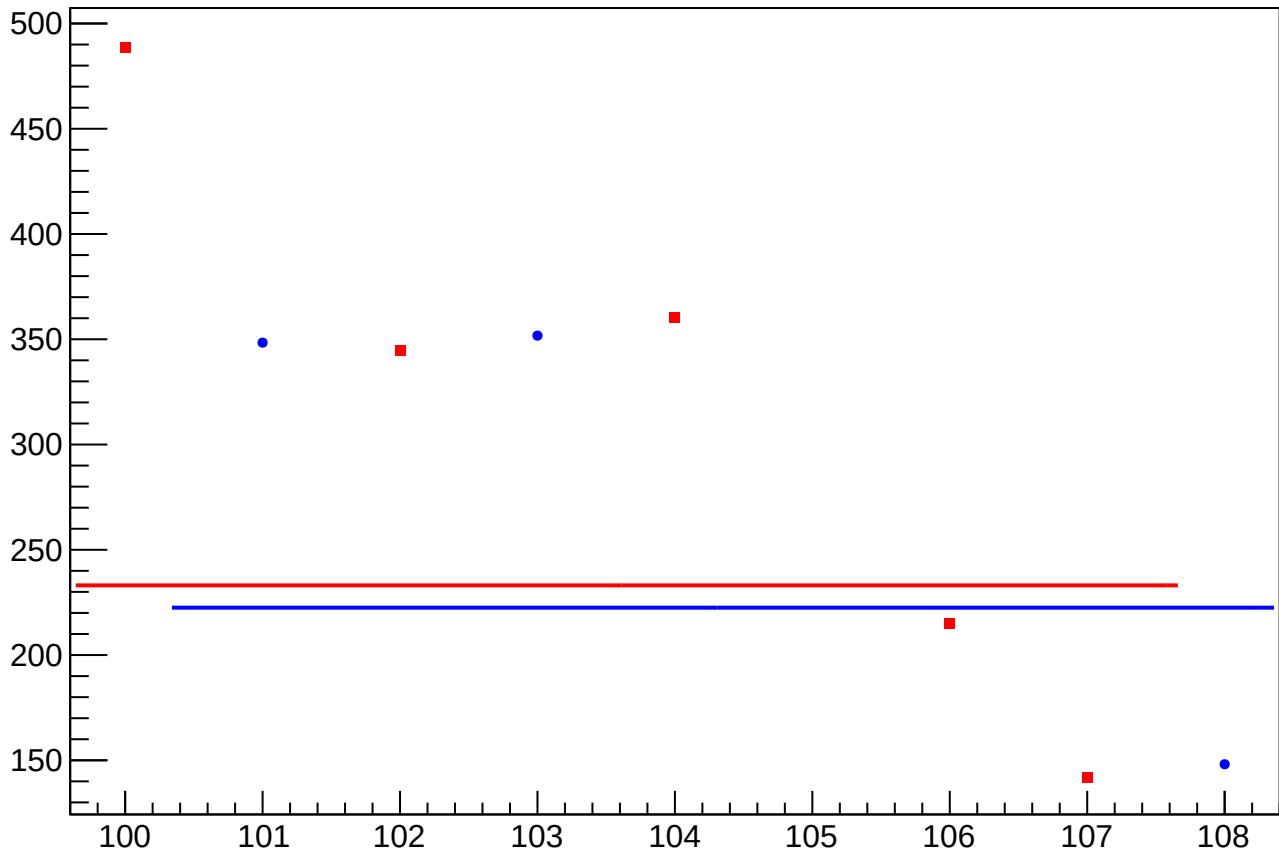
All: 256.857 $\pm$ 0.105 χ^2 /NDF: 832252.3/7

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: 128284.734 $\pm$ 0.189 χ^2 /NDF: 1994173.3/2
 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: 128744.822 $\pm$ 0.134 χ^2 /NDF: 89100379.4/7
 Right Out: 129210.201 $\pm$ 0.190 χ^2 /NDF: 75215822.9/4
 In: 128284.734 $\pm$ 0.189 χ^2 /NDF: 1994173.3/2
 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: 128744.822 $\pm$ 0.134 χ^2 /NDF: 89100379.4/7

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 222.512 $\pm$ 0.134 χ^2 /NDF: 529620.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 233.096 $\pm$ 0.135 χ^2 /NDF: 506475.1/4

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

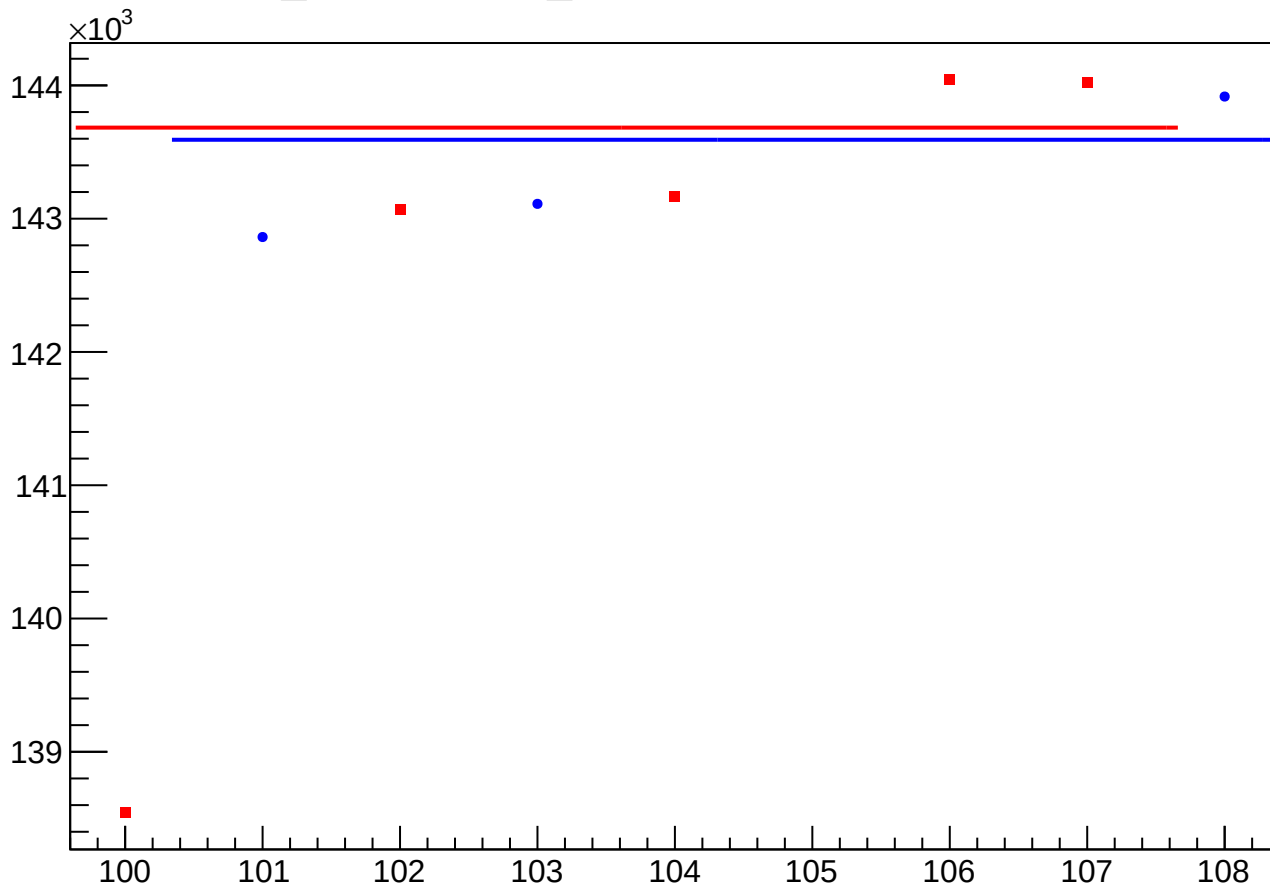
Right: 227.773 $\pm$ 0.095 χ^2 /NDF: 1039206.3/7

In: 222.512 $\pm$ 0.134 χ^2 /NDF:529620.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 227.773 $\pm$ 0.095 χ^2 /NDF: 1039206.3/7

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 143638.018+/-0.148 χ^2 /NDF: 15443125.5/7

Right In: 143592.087+/-0.210 χ^2 /NDF: 4620095.3/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 143683.263+/-0.208 χ^2 /NDF: 10727945.2/4

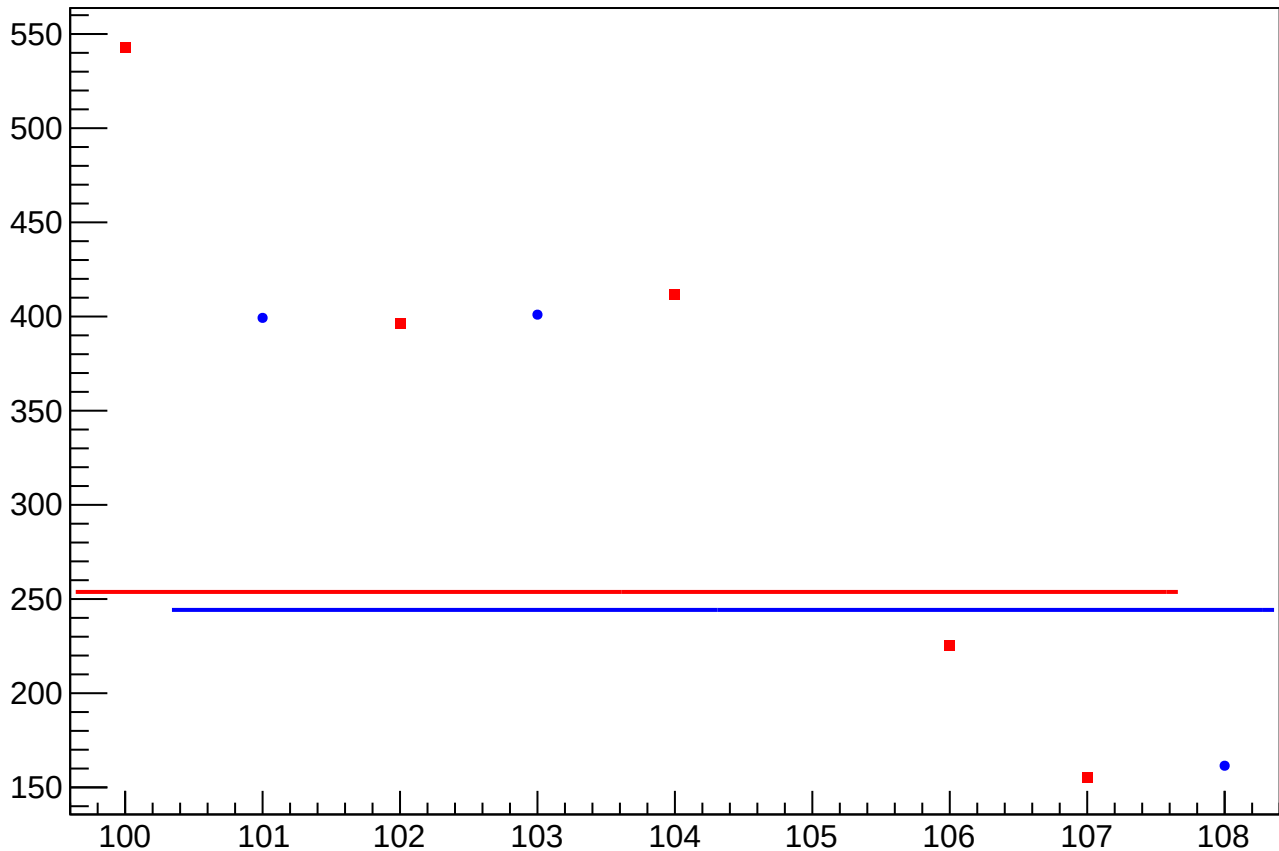
In: 143592.087+/-0.210 χ^2 /NDF: 4620095.3/2

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 143638.018+/-0.148 χ^2 /NDF: 15443125.5/7

yield_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 244.231+/-0.148 χ^2/NDF : 585618.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 253.775+/-0.147 χ^2/NDF : 562812.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

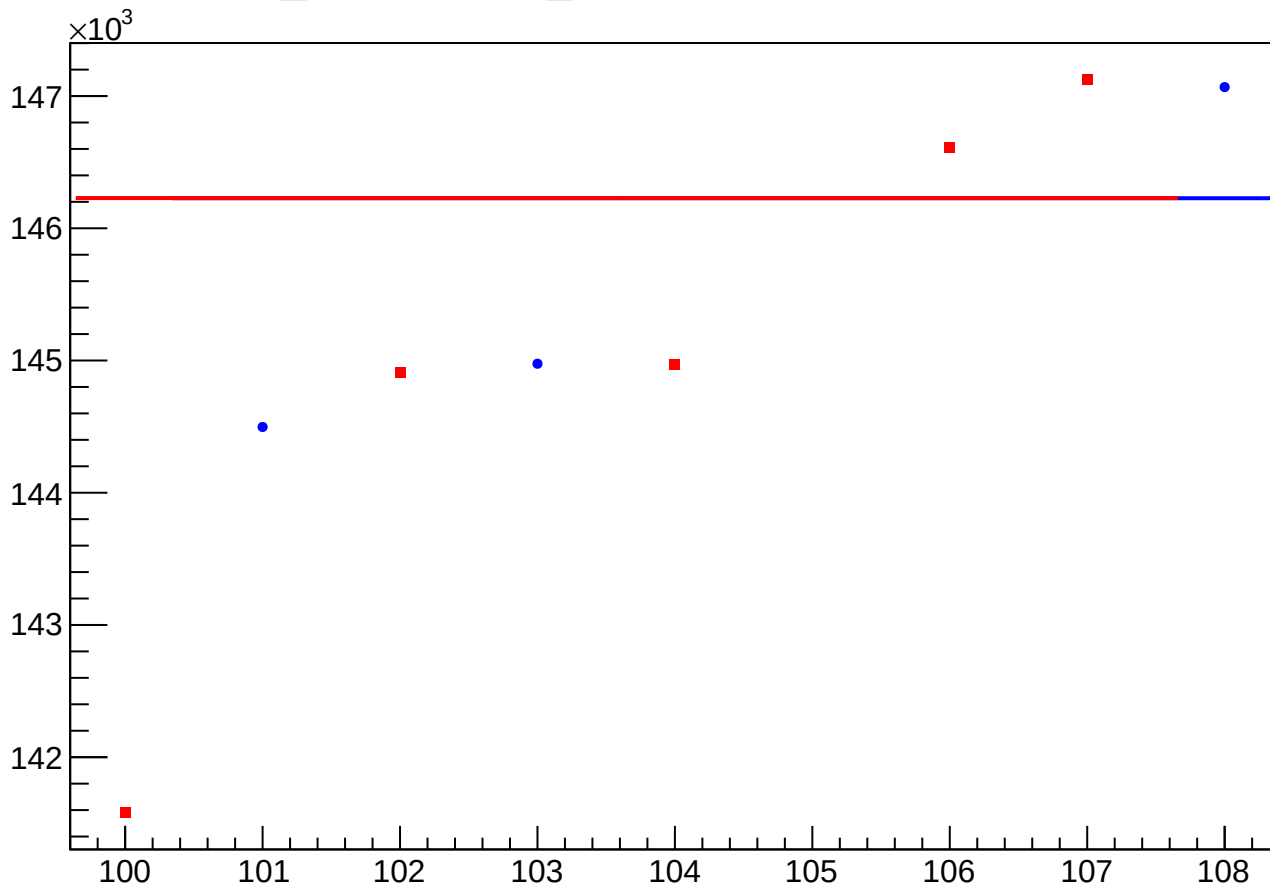
Right: 249.039+/-0.105 χ^2/NDF : 1150513.9/7

In: 244.231+/-0.148 χ^2/NDF : 585618.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 249.039+/-0.105 χ^2/NDF : 1150513.9/7

yield_bpm0l08WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 146227.346+/-0.210 χ^2 /NDF: 28995270.4/2

Right: 146227.937+/-0.148 χ^2 /NDF: 54990346.9/7

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 146228.521+/-0.209 χ^2 /NDF: 25995060.9/4

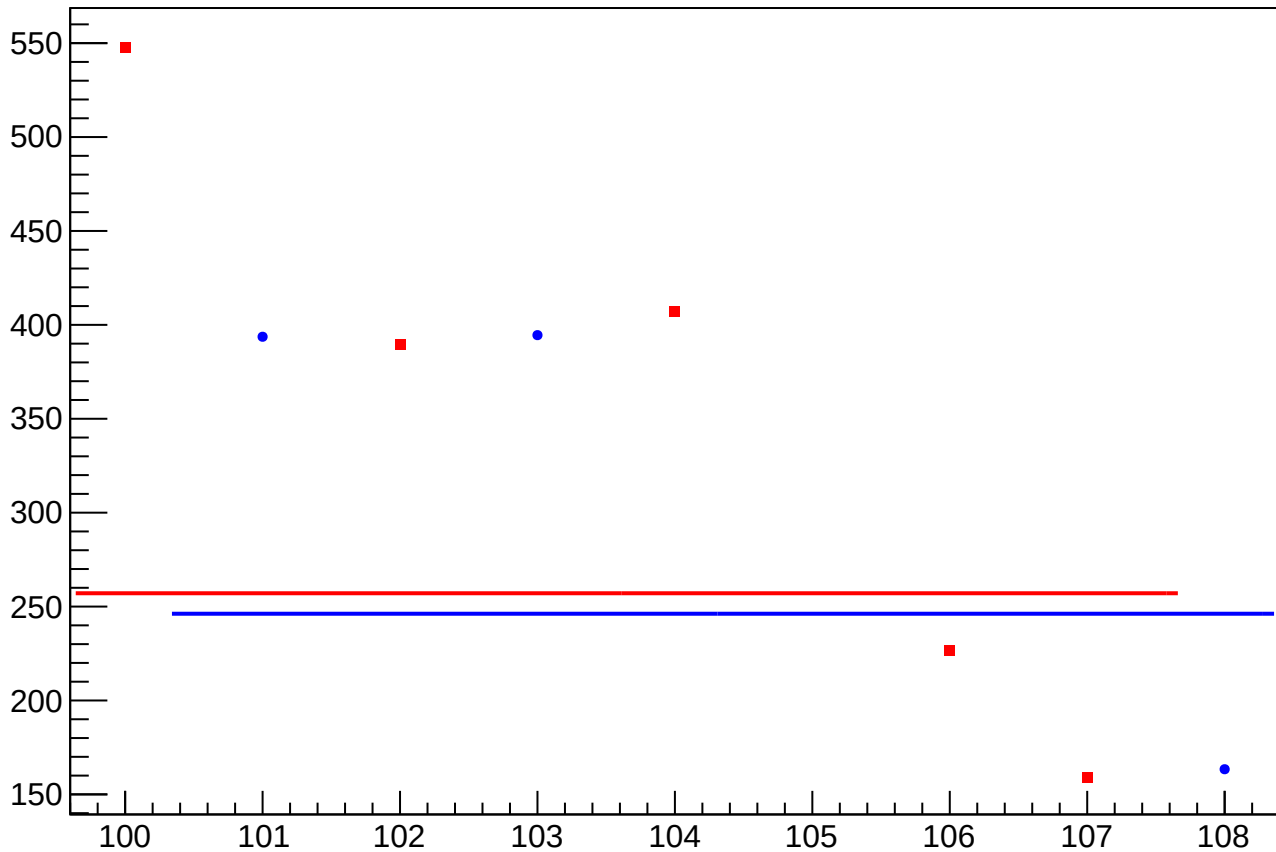
In: 146227.346+/-0.210 χ^2 /NDF: 28995270.4/2

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 146227.937+/-0.148 χ^2 /NDF: 54990346.9/7

yield_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 246.188+/-0.149 χ^2/NDF : 553756.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 257.093+/-0.148 χ^2/NDF : 524523.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

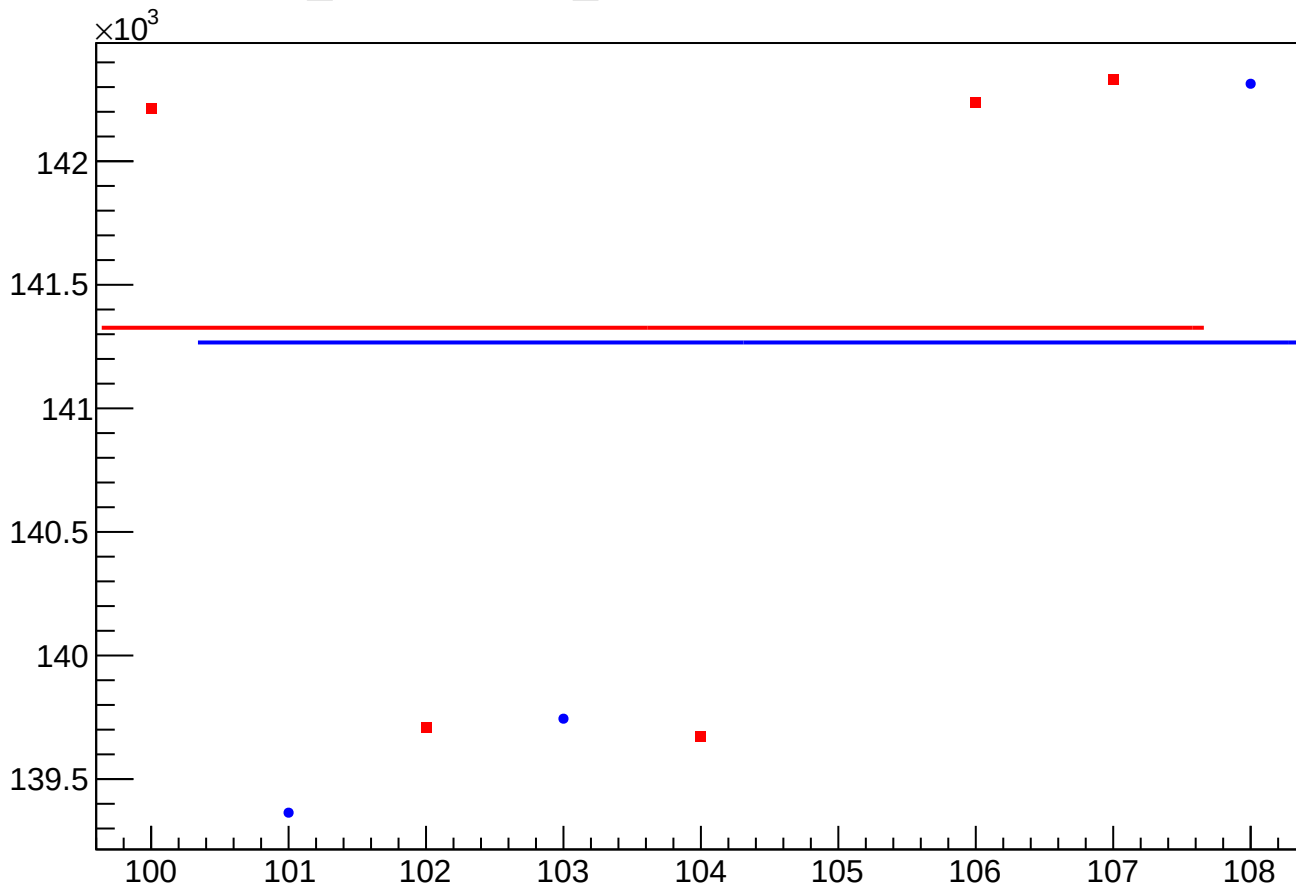
Right: 251.670+/-0.105 χ^2/NDF : 1080983.7/7

In: 246.188+/-0.149 χ^2/NDF : 553756.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

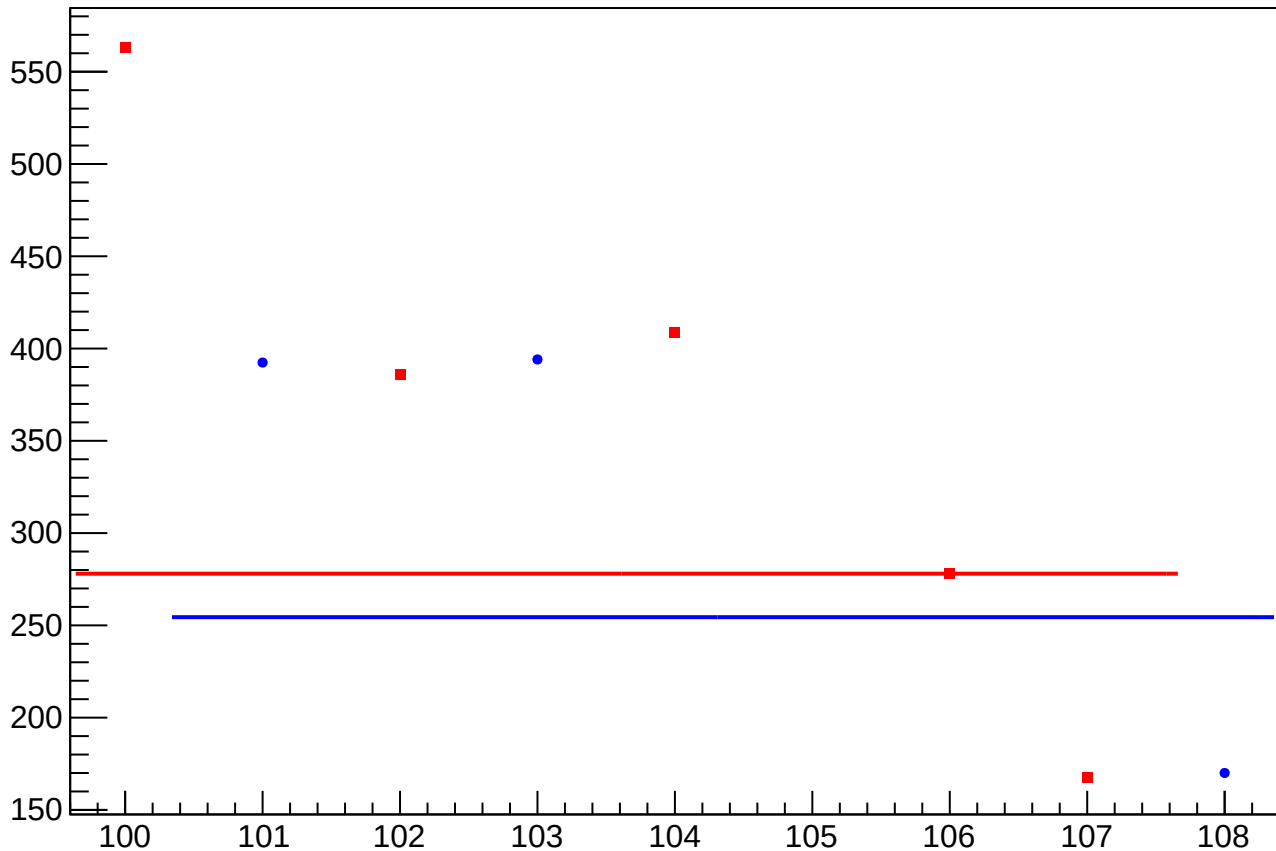
All: 251.670+/-0.105 χ^2/NDF : 1080983.7/7

yield_bpm0l09WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 141295.237+/-0.155 χ^2 /NDF: 70840451.1/7
 Right In: 141266.602+/-0.215 χ^2 /NDF: 39111503.4/2
 In: 141266.602+/-0.215 χ^2 /NDF: 39111503.4/2
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right Out: 141326.209+/-0.224 χ^2 /NDF: 31692171.8/4
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 141295.237+/-0.155 χ^2 /NDF: 70840451.1/7

yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 254.438+/-0.152 χ^2/NDF : 504813.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 278.006+/-0.158 χ^2/NDF : 451815.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

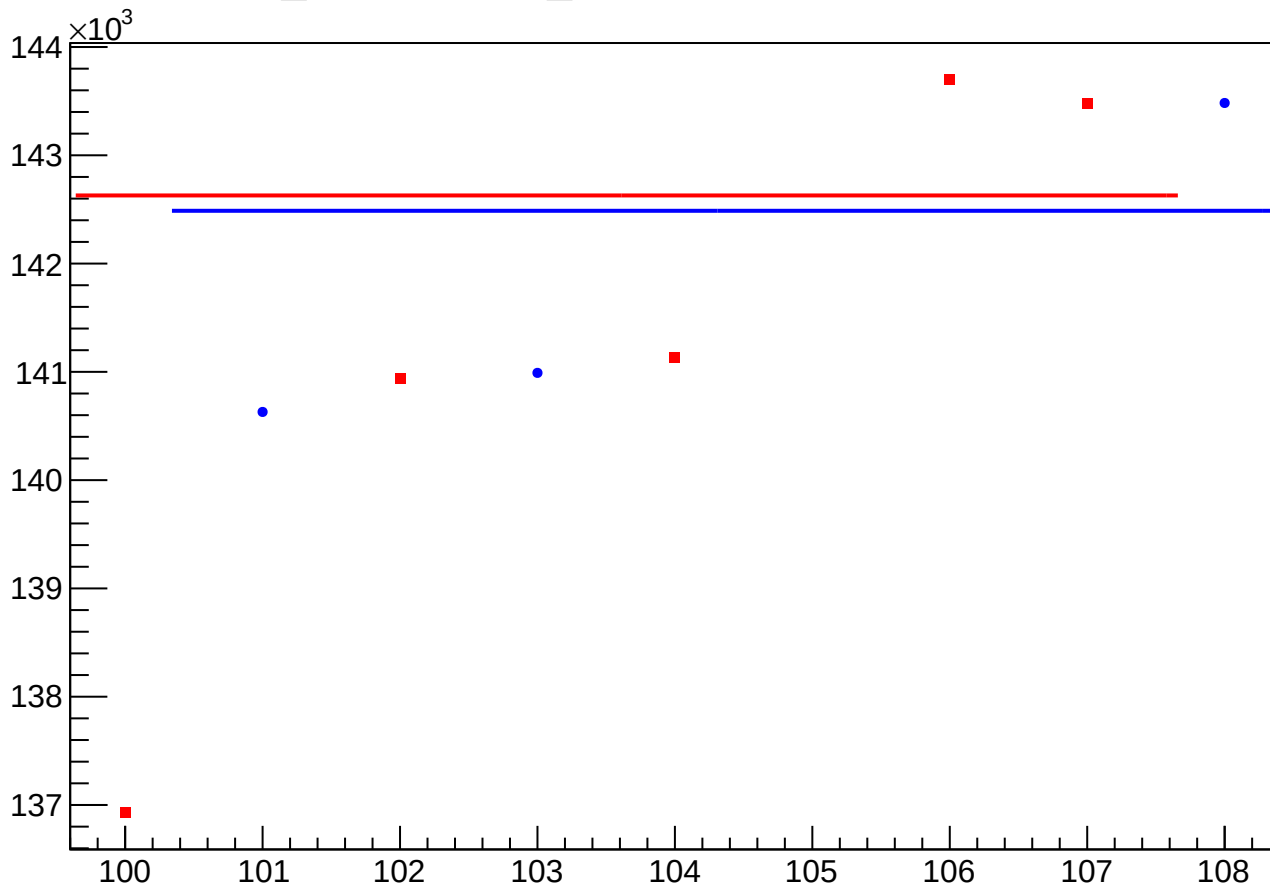
Right: 265.760+/-0.110 χ^2/NDF : 968127.8/7

In: 254.438+/-0.152 χ^2/NDF : 504813.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 265.760+/-0.110 χ^2/NDF : 968127.8/7

yield_bpm0l10WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 142558.310+/-0.151 χ^2 /NDF: 76861888.8/7

In: 142487.412+/-0.214 χ^2 /NDF: 36934284.5/2

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 142558.310+/-0.151 χ^2 /NDF: 76861888.8/7

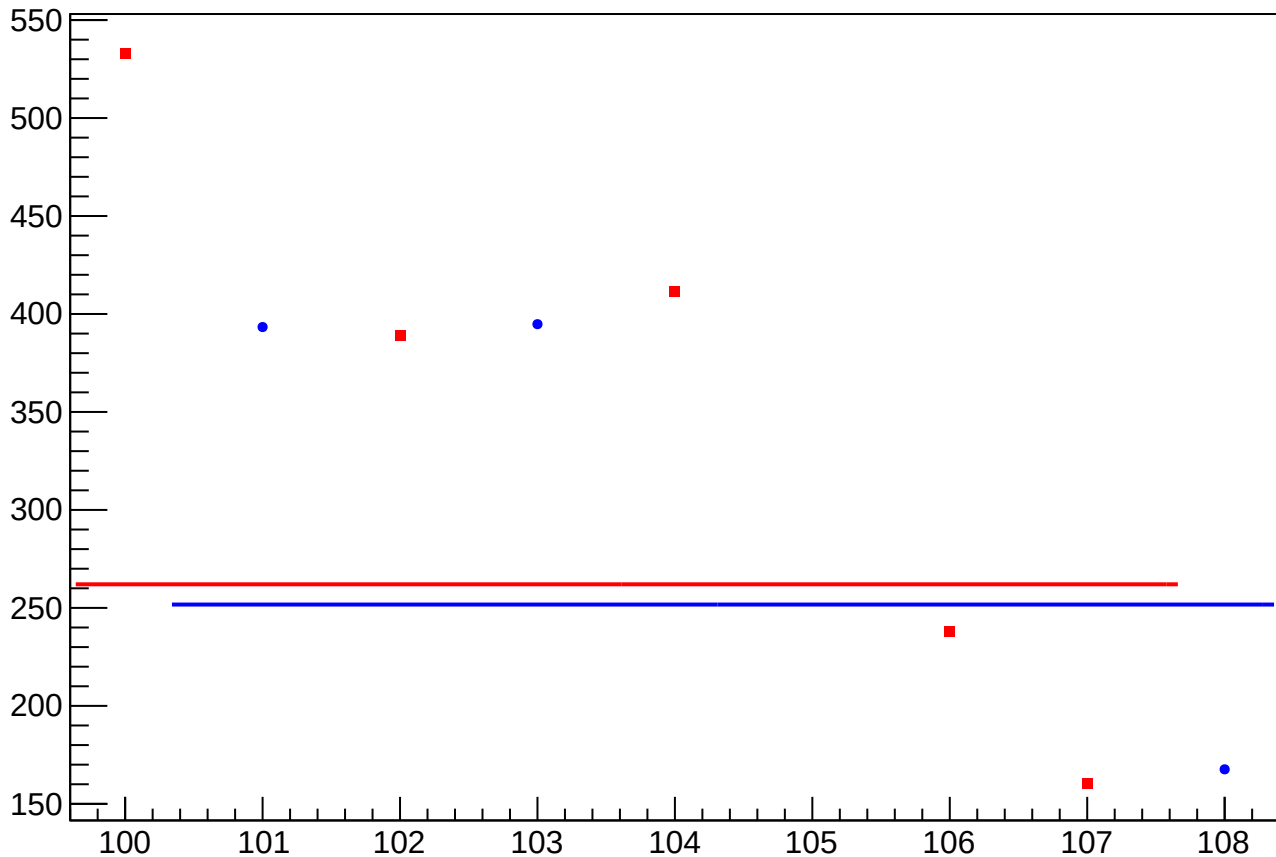
Right In: 142487.412+/-0.214 χ^2 /NDF: 36934284.5/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 142629.161+/-0.214 χ^2 /NDF: 39707995.8/4

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 251.715+/-0.151 χ^2/NDF : 523088.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 262.041+/-0.151 χ^2/NDF : 508833.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

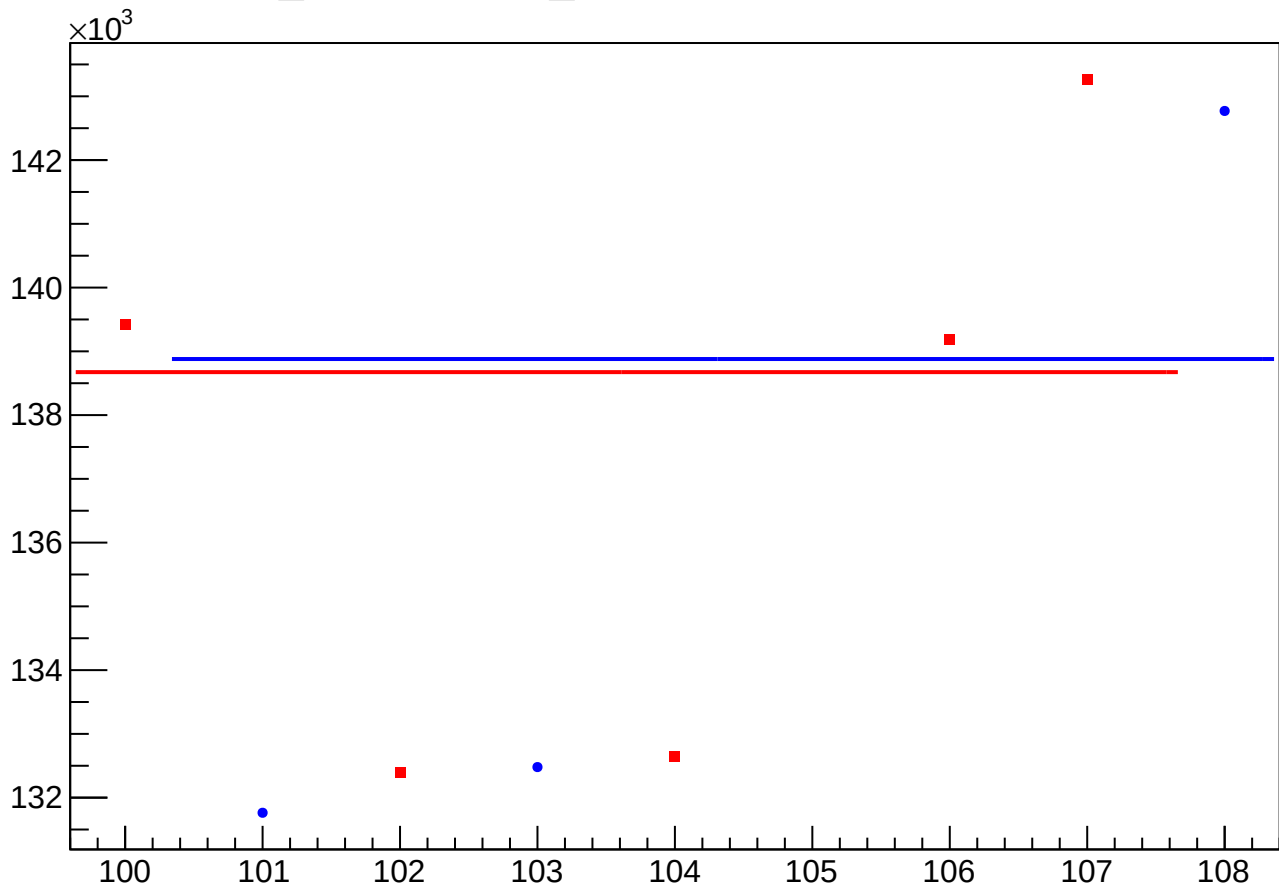
Right: 256.880+/-0.107 χ^2/NDF : 1034253.0/7

In: 251.715+/-0.151 χ^2/NDF : 523088.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 256.880+/-0.107 χ^2/NDF : 1034253.0/7

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 138776.914+/-0.179 χ^2 /NDF: 742786447.2/7

In: 138879.478+/-0.253 χ^2 /NDF: 411035643.6/2

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 138776.914+/-0.179 χ^2 /NDF: 742786447.2/7

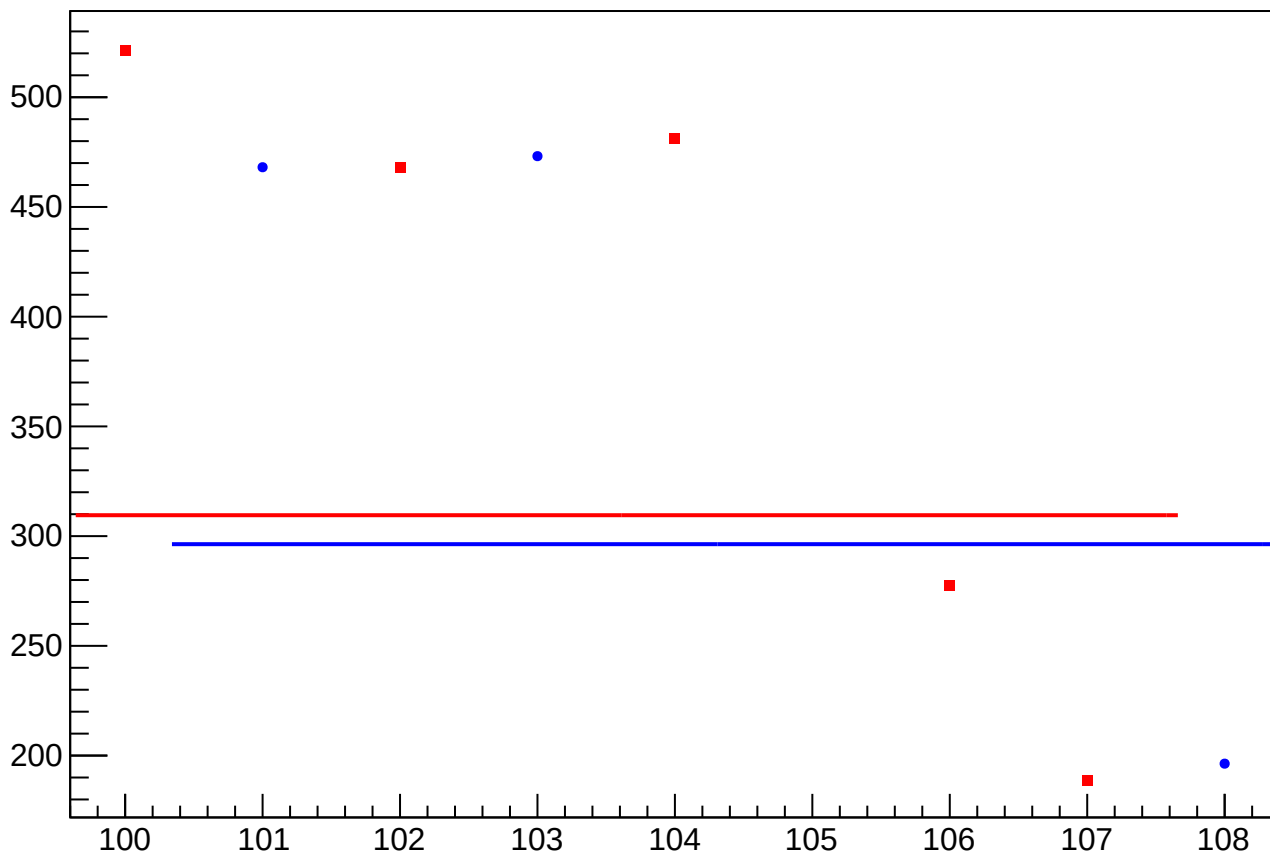
Right In: 138879.478+/-0.253 χ^2 /NDF: 411035643.6/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 138674.005+/-0.254 χ^2 /NDF: 331422835.5/4

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 296.333+/-0.179 χ^2/NDF : 542268.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 309.532+/-0.180 χ^2/NDF : 493997.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

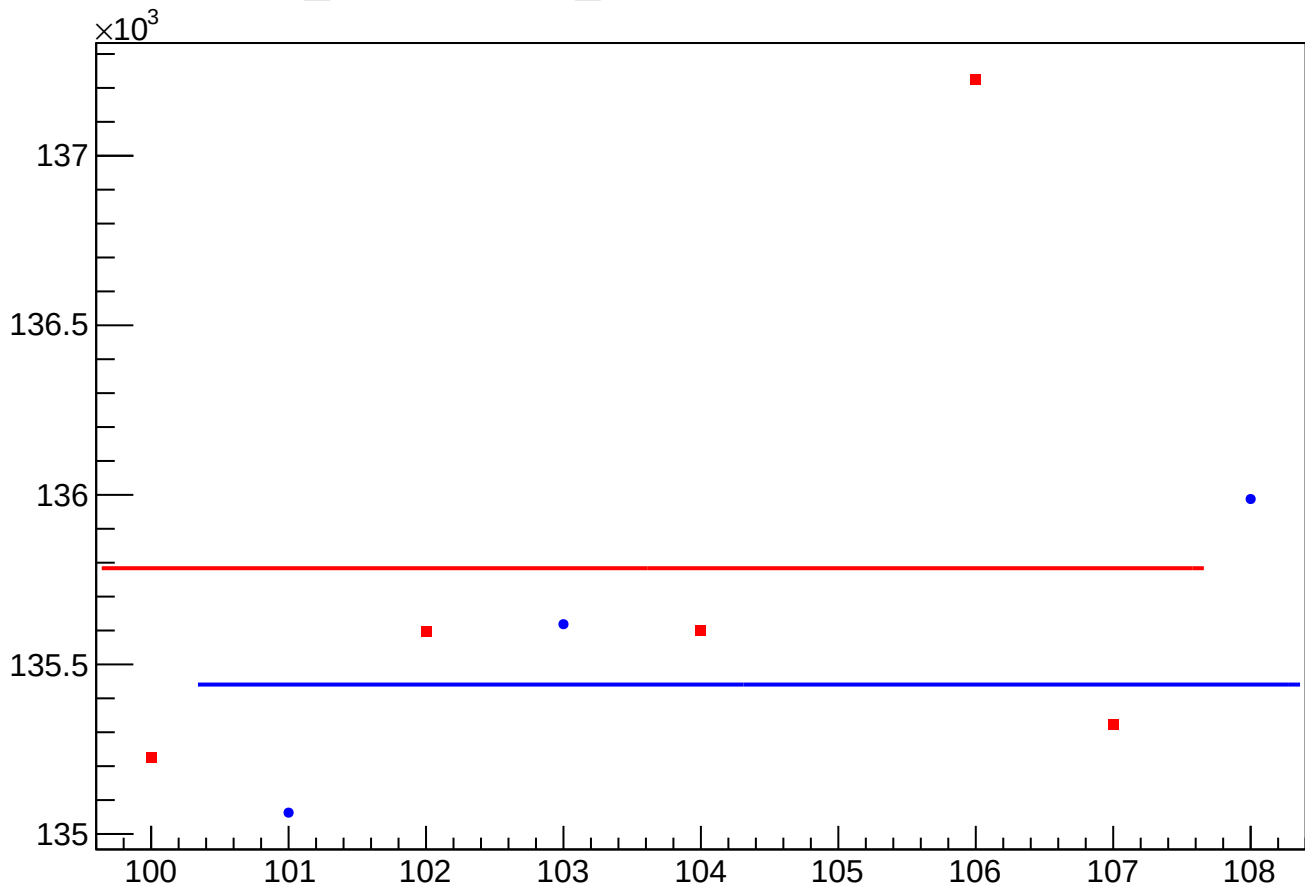
Right: 302.921+/-0.127 χ^2/NDF : 1038971.9/7

In: 296.333+/-0.179 χ^2/NDF : 542268.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

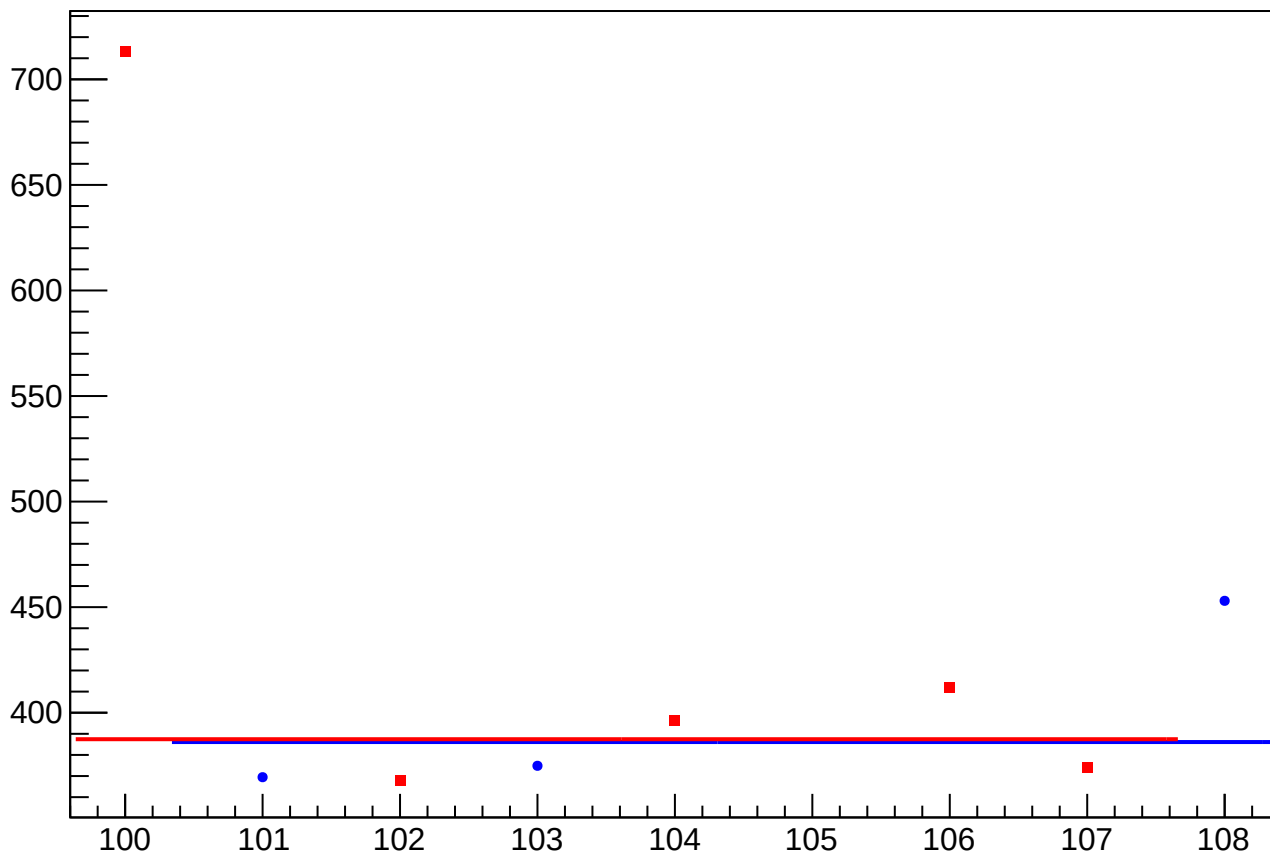
All: 302.921+/-0.127 χ^2/NDF : 1038971.9/7

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 135440.635 $\pm$ 0.301 χ^2 /NDF: 1393923.1/2
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 135783.732 $\pm$ 0.297 χ^2 /NDF: 3975392.8/4
 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: 135614.843 $\pm$ 0.212 χ^2 /NDF: 6027025.3/7
 In: 135440.635 $\pm$ 0.301 χ^2 /NDF:1393923.1/2
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 135614.843 $\pm$ 0.212 χ^2 /NDF: 6027025.3

yield_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 386.105+/-0.213 χ^2/NDF : 20893.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 387.446+/-0.210 χ^2/NDF : 36770.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

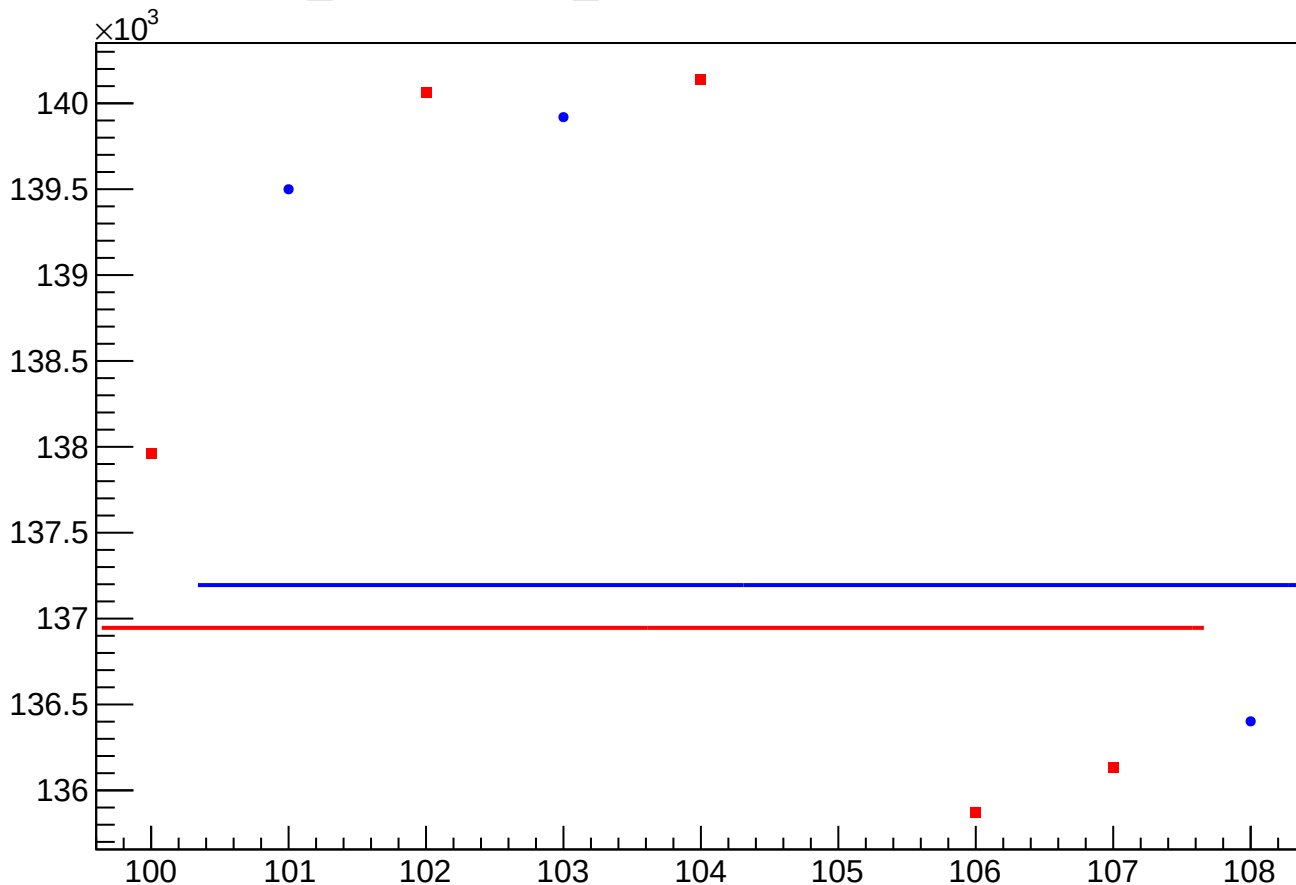
Right: 386.786+/-0.150 χ^2/NDF : 57684.5/7

In: 386.105+/-0.213 χ^2/NDF : 20893.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 386.786+/-0.150 χ^2/NDF : 57684.5/7

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 137195.102 $\pm$ 0.166 χ^2 /NDF: 72178113.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 136946.121 $\pm$ 0.170 χ^2 /NDF: 97180036.8/4

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

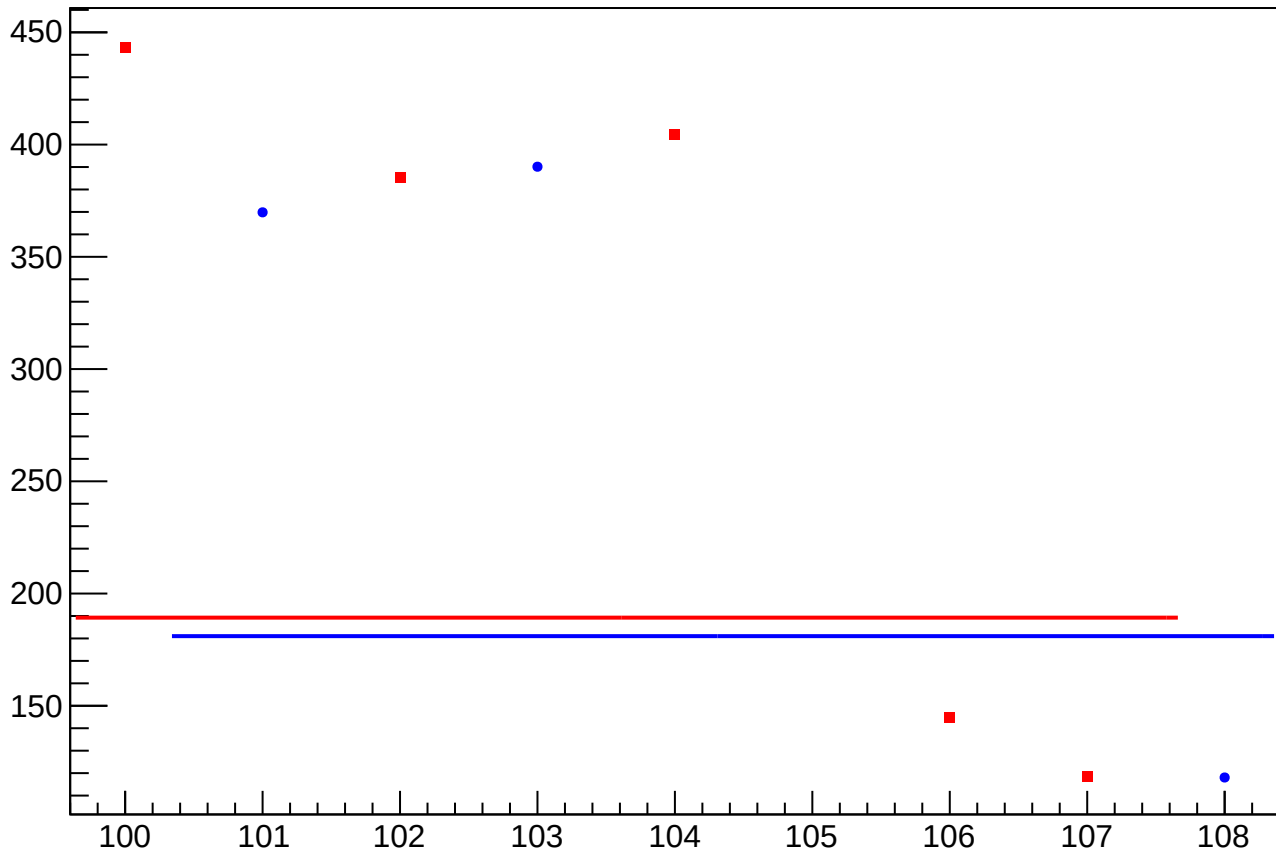
Right: 137073.921 $\pm$ 0.119 χ^2 /NDF: 170452992.7/7

In: 137195.102 $\pm$ 0.166 χ^2 /NDF:72178113.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 137073.921 $\pm$ 0.119 χ^2 /NDF: 170452992.7/7

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 181.024+/-0.117 χ^2/NDF : 906511.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 189.267+/-0.121 χ^2/NDF : 885789.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

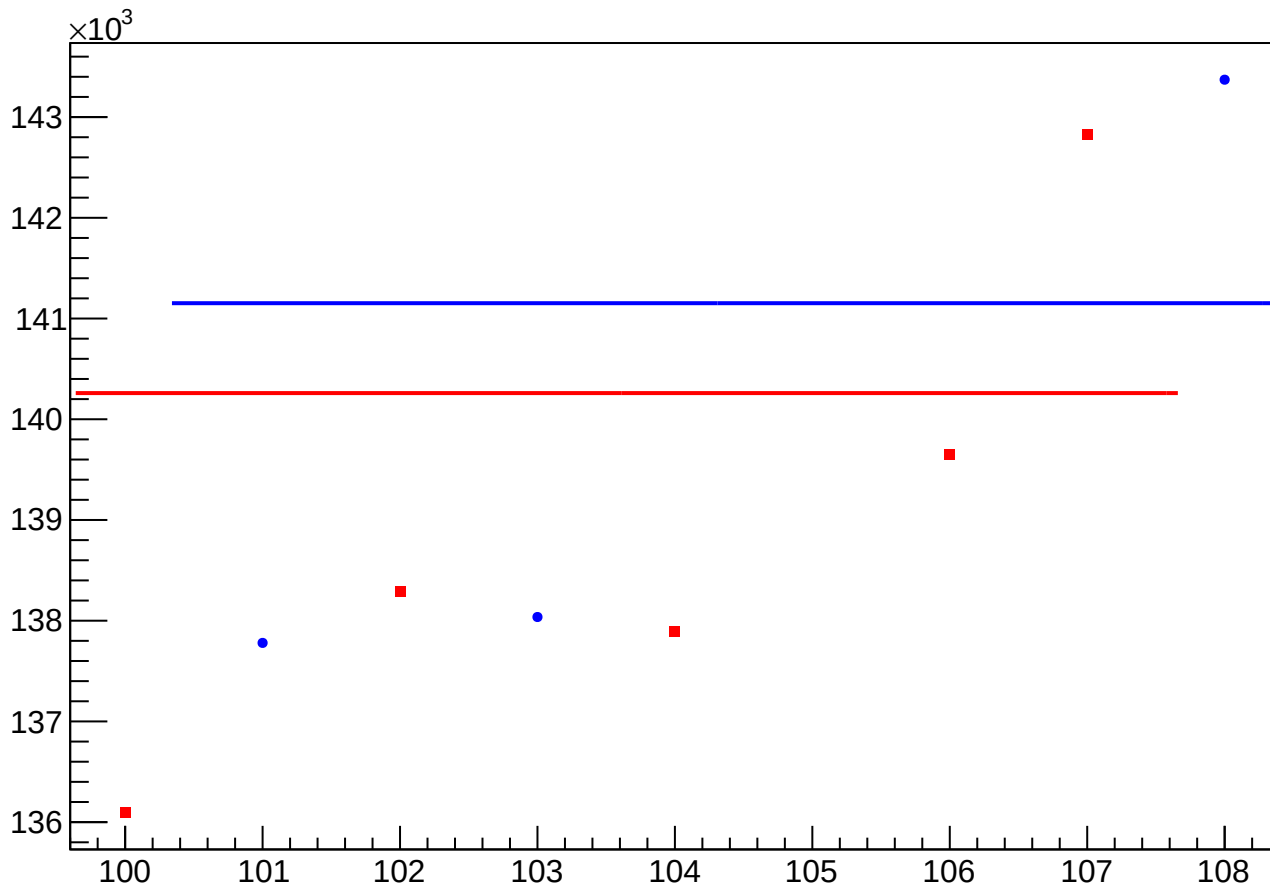
Right: 185.036+/-0.084 χ^2/NDF : 1794700.5/7

In: 181.024+/-0.117 χ^2/NDF : 906511.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 185.036+/-0.084 χ^2/NDF : 1794700.5/7

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 141152.256+/-0.207 χ^2 /NDF: 168833099.5/2

Right: 140711.184+/-0.147 χ^2 /NDF: 283717460.3/7

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 140259.785+/-0.209 χ^2 /NDF: 105680106.0/4

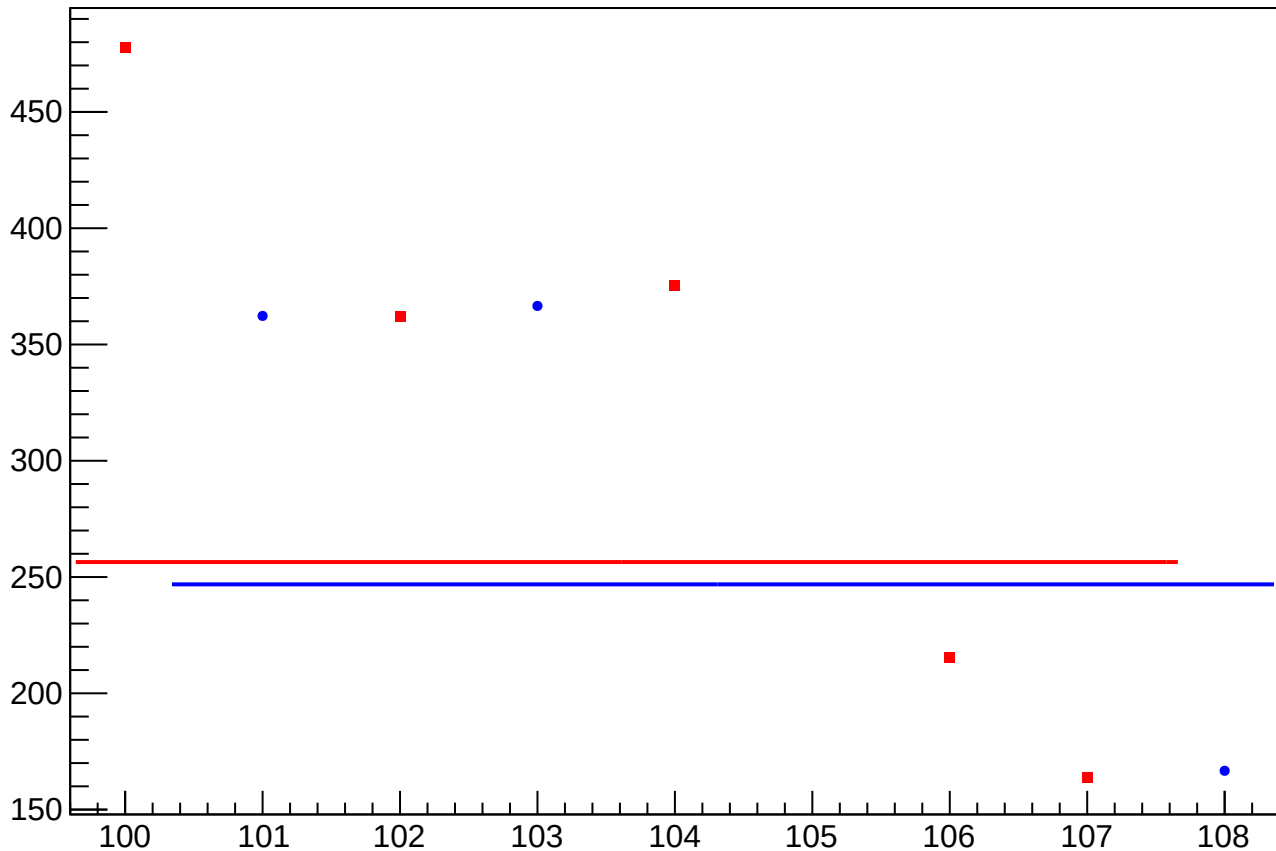
In: 141152.256+/-0.207 χ^2 /NDF: 168833099.5/2

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 140711.184+/-0.147 χ^2 /NDF: 283717460.3/7

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 246.856+/-0.146 χ^2/NDF : 440497.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 256.444+/-0.148 χ^2/NDF : 414382.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

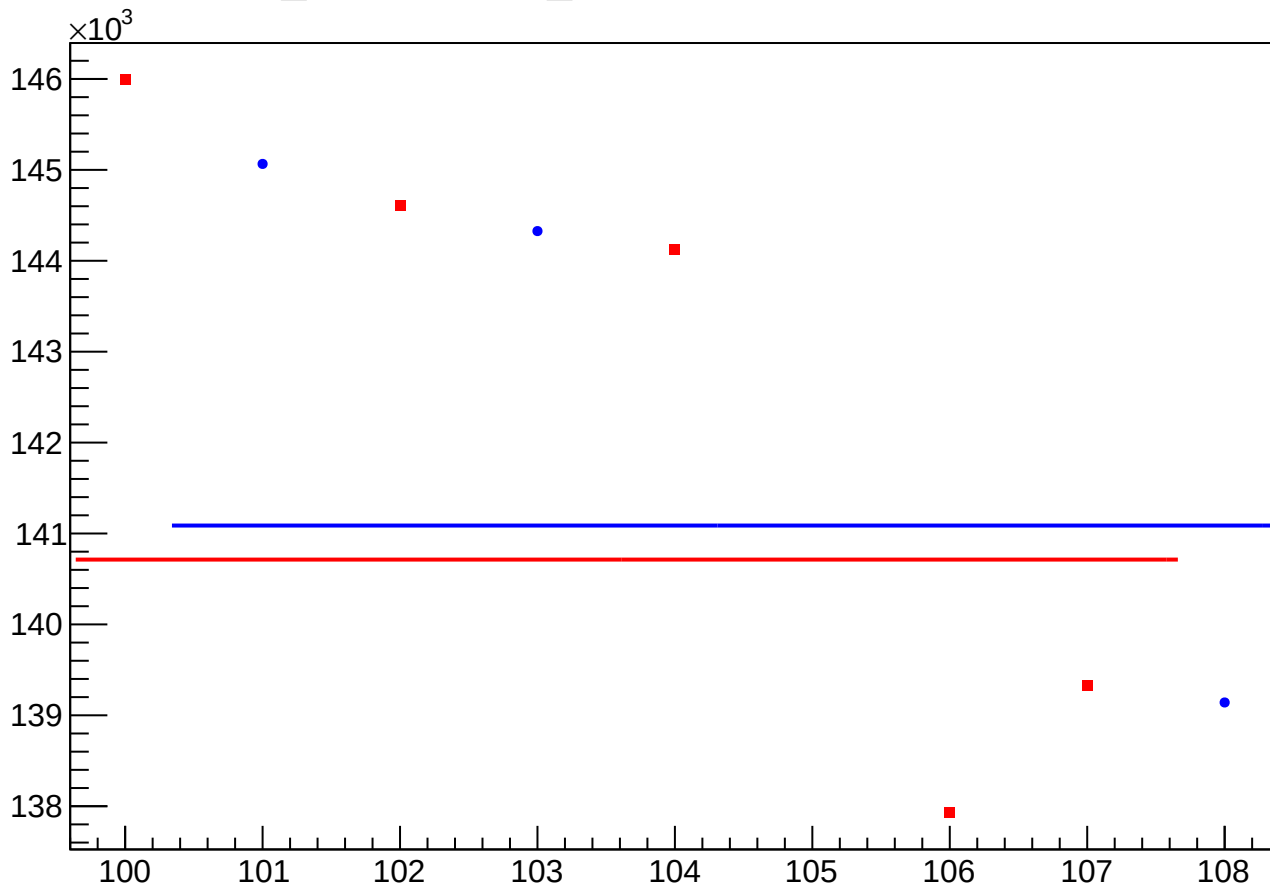
Right: 251.594+/-0.104 χ^2/NDF : 857004.1/7

In: 246.856+/-0.146 χ^2/NDF : 440497.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 251.594+/-0.104 χ^2/NDF : 857004.1/7

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 140900.466+/-0.135 χ^2 /NDF: 398822156.6/7

In: 141087.471+/-0.190 χ^2 /NDF: 196177019.0/2

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 140900.466+/-0.135 χ^2 /NDF: 398822156.6/7

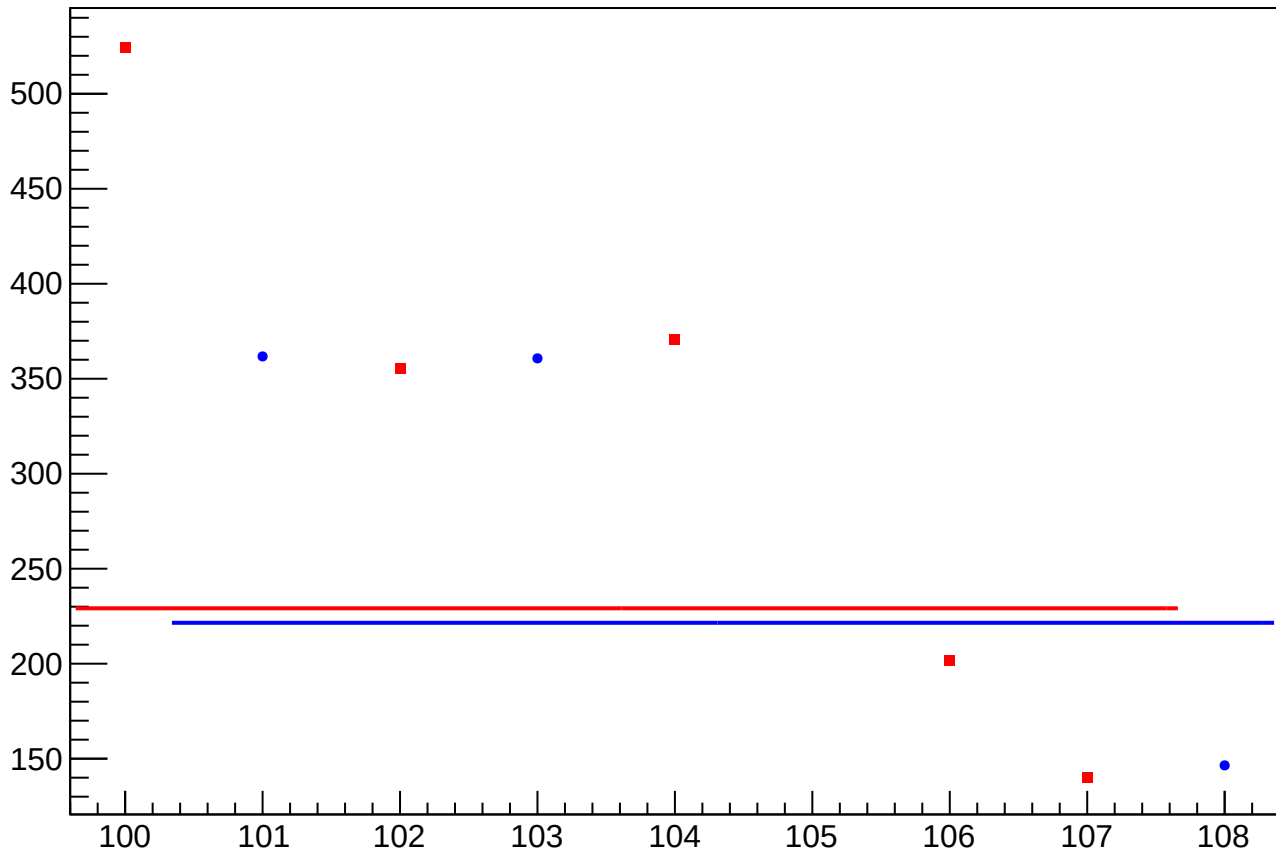
Right In: 141087.471+/-0.190 χ^2 /NDF: 196177019.0/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 140713.023+/-0.190 χ^2 /NDF: 200710086.3/4

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 221.532+/-0.135 χ^2/NDF : 579612.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 229.152+/-0.135 χ^2/NDF : 563231.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

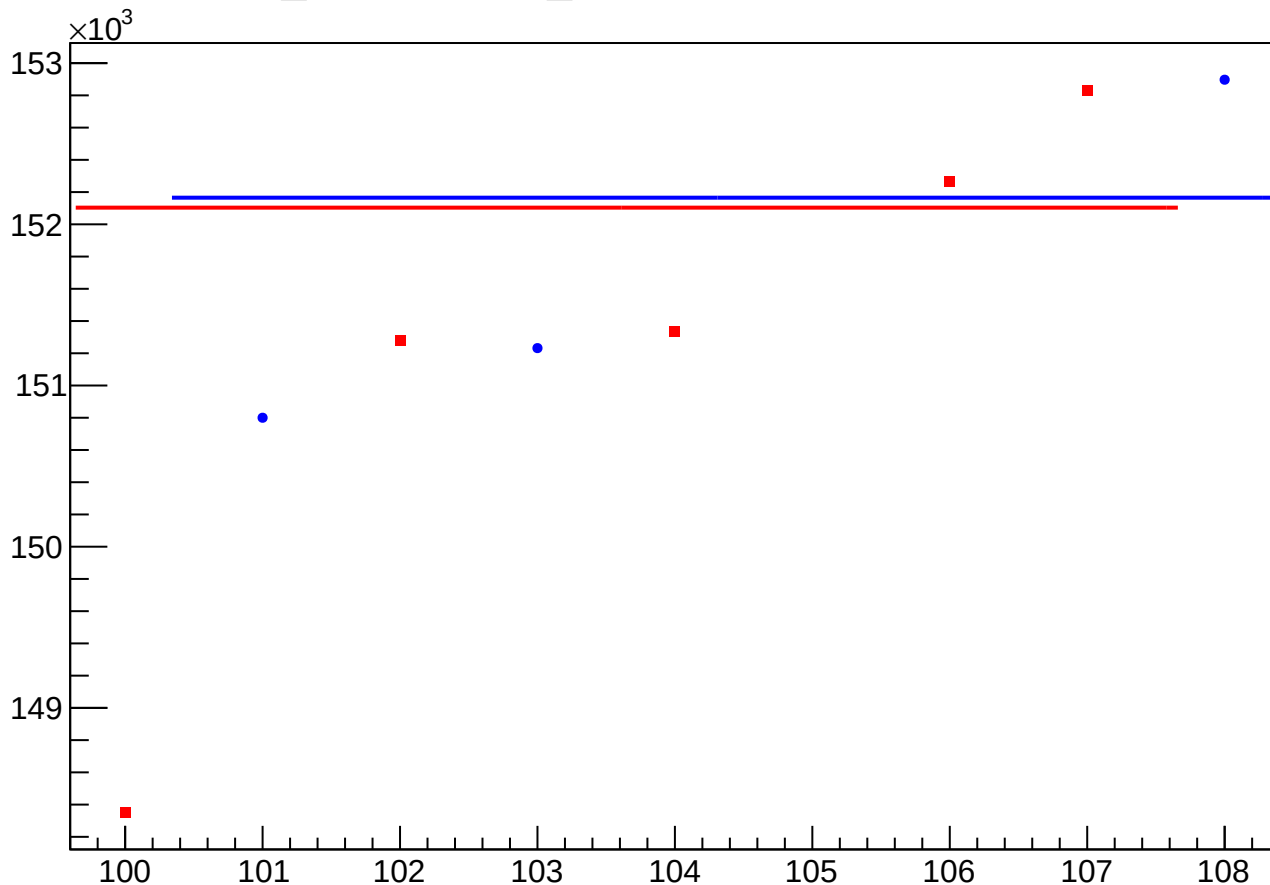
Right: 225.338+/-0.095 χ^2/NDF : 1144447.4/7

In: 221.532+/-0.135 χ^2/NDF : 579612.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 225.338+/-0.095 χ^2/NDF : 1144447.4/7

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 152134.677+/-0.149 χ^2 /NDF: 33568043.7/7

In: 152165.288+/-0.210 χ^2 /NDF: 19691387.0/2

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 152134.677+/-0.149 χ^2 /NDF: 33568043.7/7

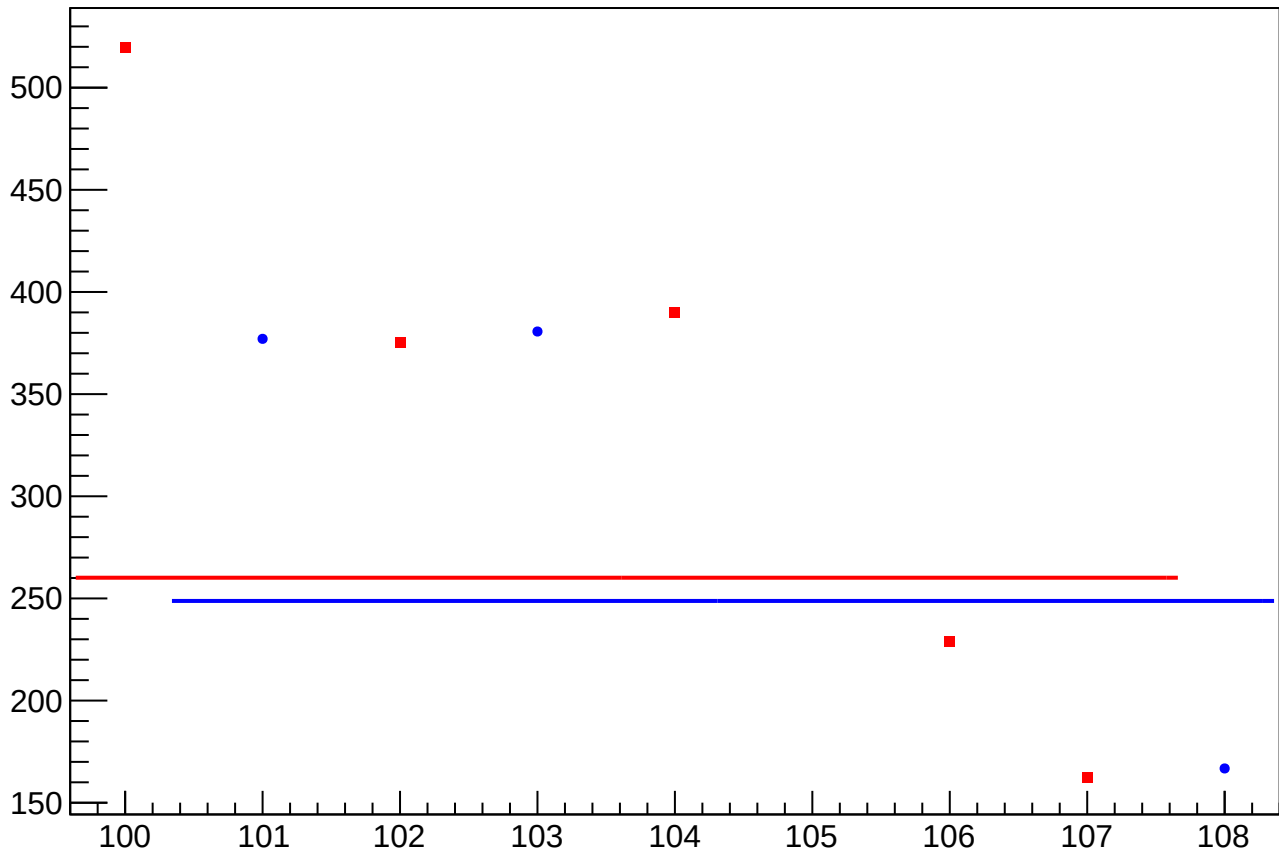
Right In: 152165.288+/-0.210 χ^2 /NDF: 19691387.0/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 152103.493+/-0.212 χ^2 /NDF: 13833706.8/4

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 248.772 $\pm$ 0.148 χ^2 /NDF: 484060.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 260.140 $\pm$ 0.150 χ^2 /NDF: 456015.5/4

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

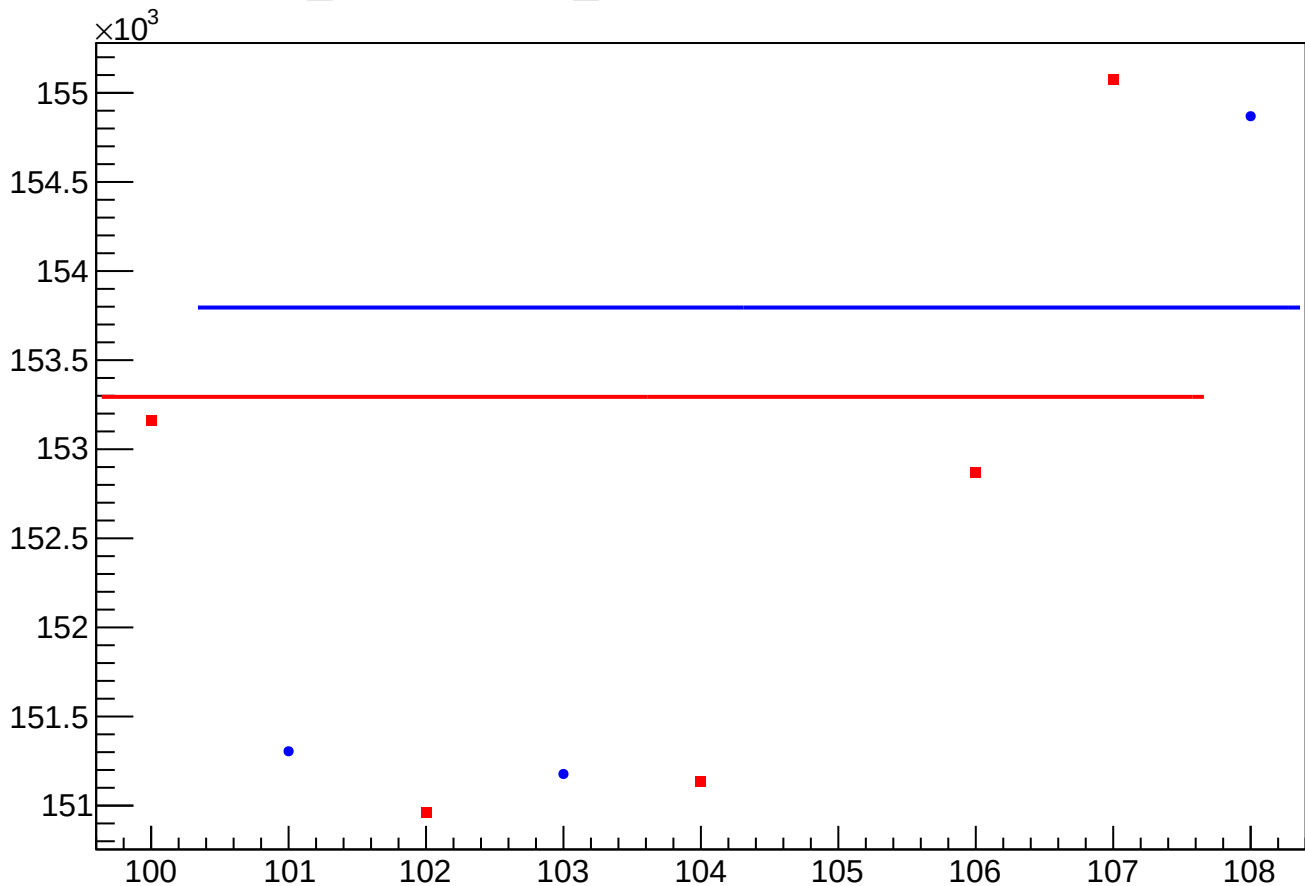
Right: 254.403 $\pm$ 0.105 χ^2 /NDF: 942982.8/7

In: 248.772 $\pm$ 0.148 χ^2 /NDF: 484060.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

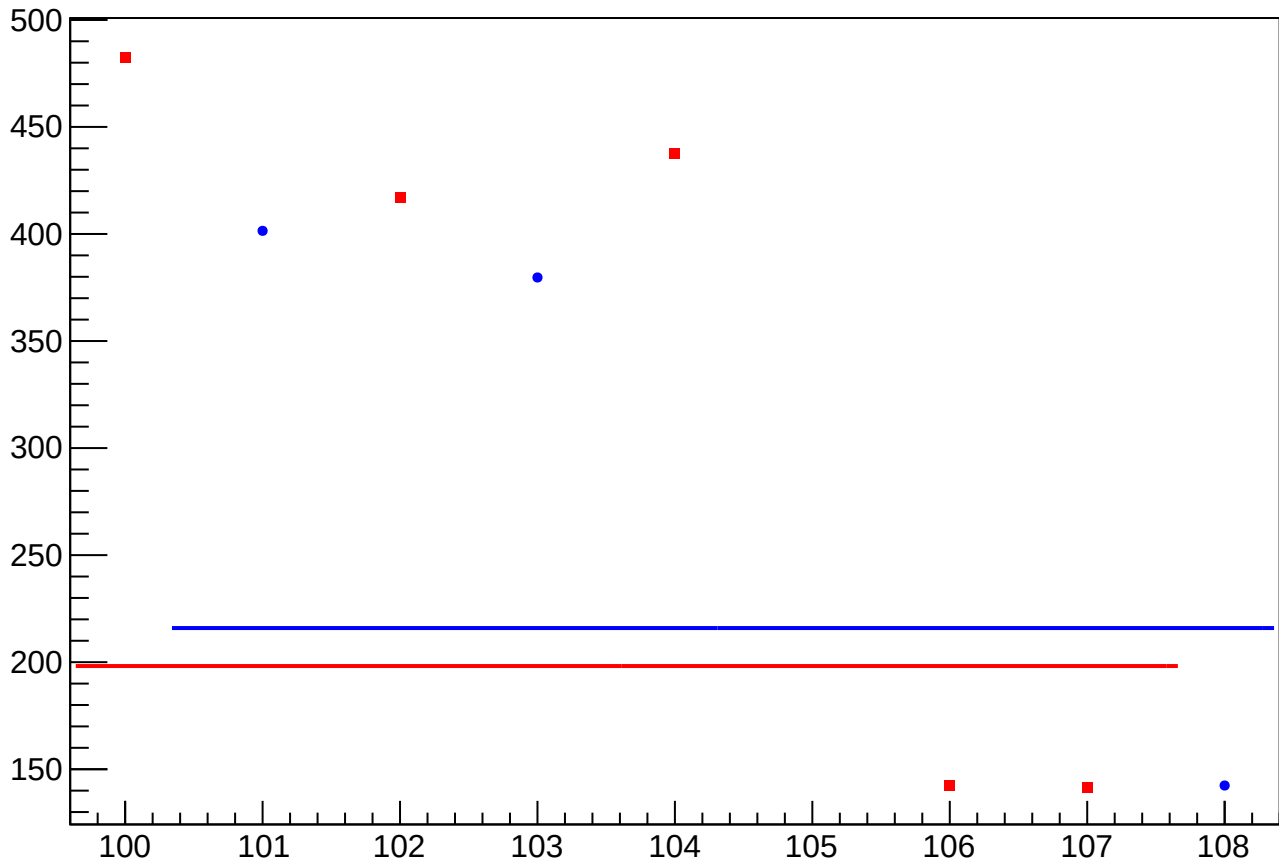
All: 254.403 $\pm$ 0.105 χ^2 /NDF: 942982.8/7

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 153514.419+/-0.128 χ^2 /NDF: 151349573.2/7
 Right In: 153795.240+/-0.192 χ^2 /NDF: 74032465.9/2
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: 153795.240+/-0.192 χ^2 /NDF: 74032465.9/2
 Right Out: 153294.004+/-0.171 χ^2 /NDF: 73517147.8/4
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 153514.419+/-0.128 χ^2 /NDF: 151349573.2/7

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 215.942 $\pm$ 0.136 χ^2 /NDF: 696119.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 198.198 $\pm$ 0.121 χ^2 /NDF: 891182.9/4

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

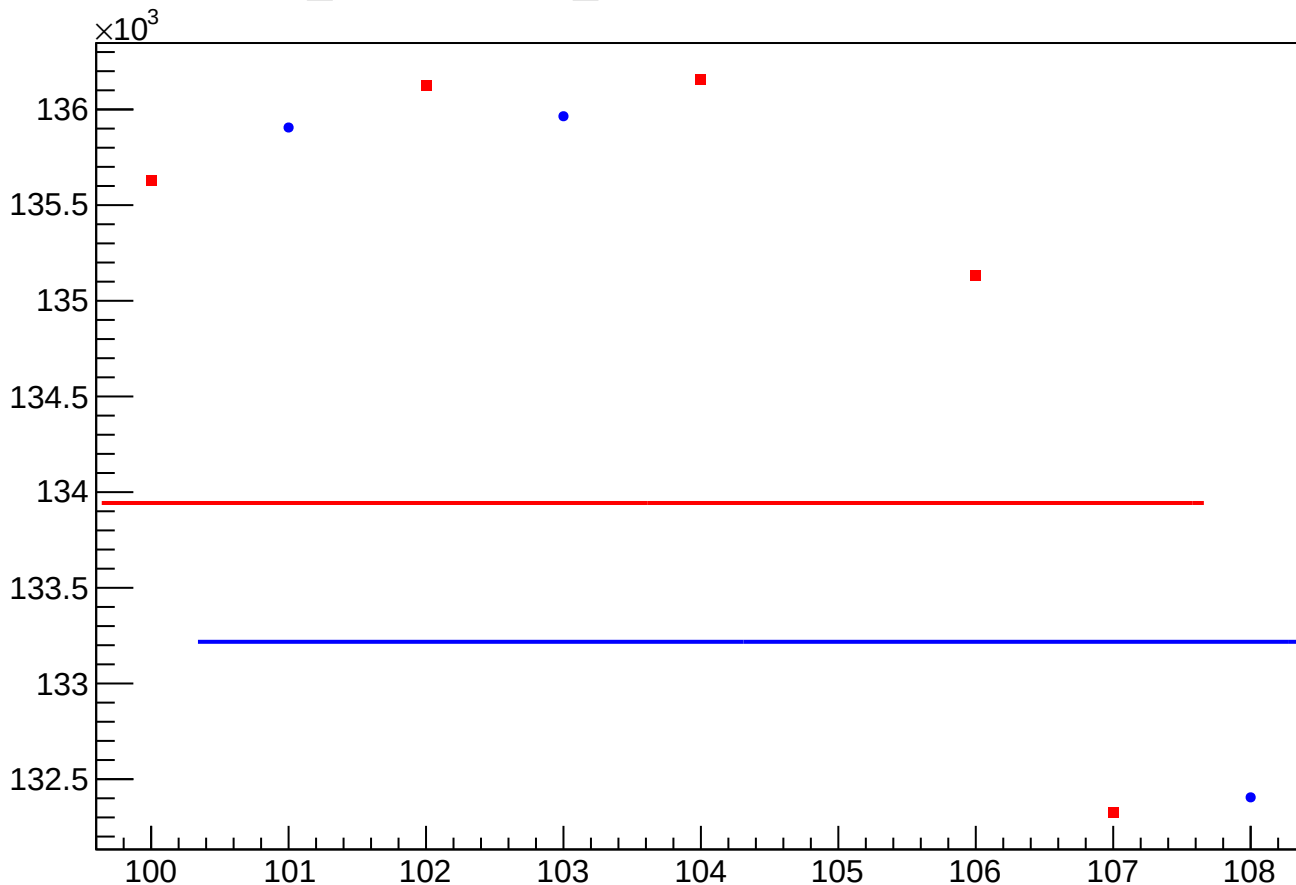
Right: 206.000 $\pm$ 0.090 χ^2 /NDF: 1596826.0/7

In: 215.942 $\pm$ 0.136 χ^2 /NDF:696119.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 206.000 $\pm$ 0.090 χ^2 /NDF: 1596826.0/7

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 133575.379+/-0.113 χ^2/NDF : 204112130.6/7

In: 133217.853+/-0.158 χ^2/NDF : 88131387.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133575.379+/-0.113 χ^2/NDF : 204112130.6/7

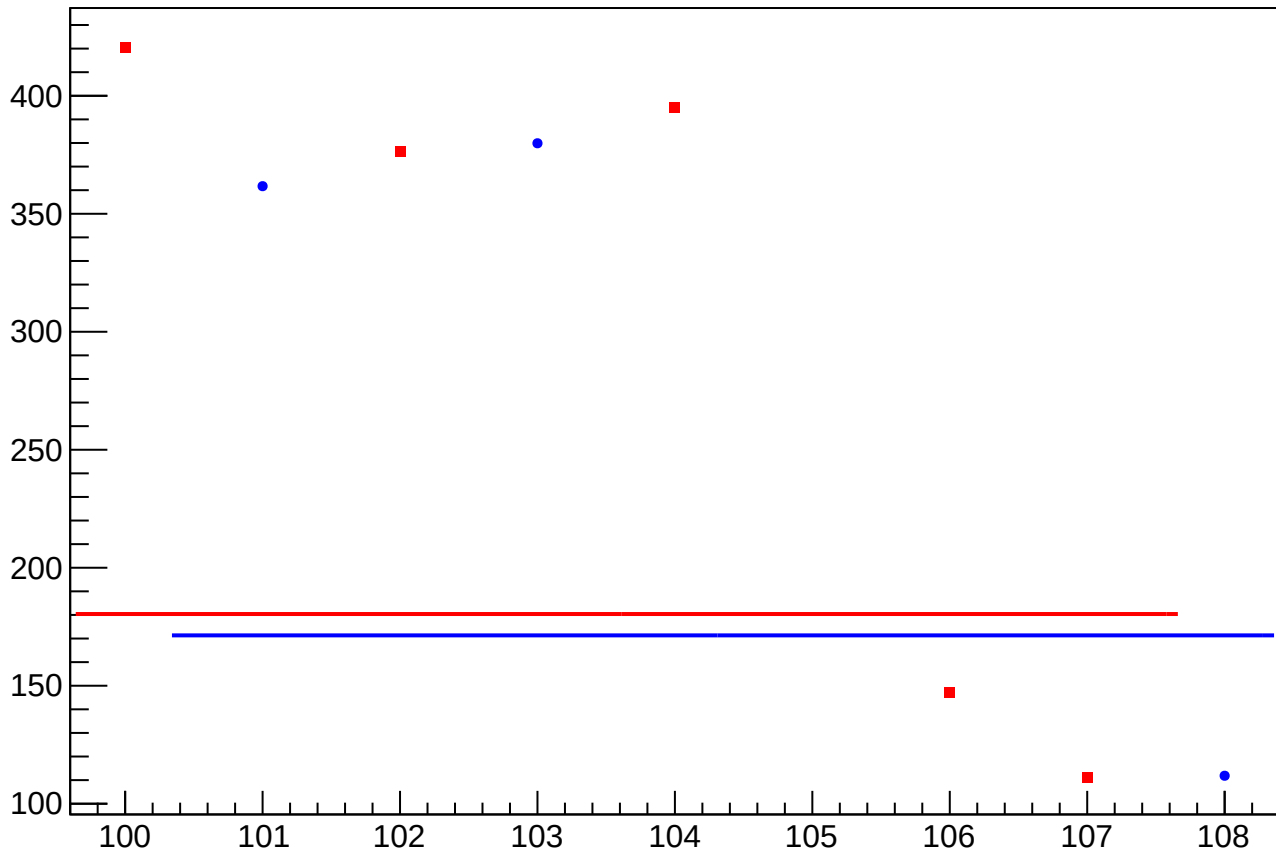
Right In: 133217.853+/-0.158 χ^2/NDF : 88131387.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133943.312+/-0.161 χ^2/NDF : 105623126.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 171.339+/-0.112 χ^2/NDF : 945165.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 180.390+/-0.114 χ^2/NDF : 914005.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

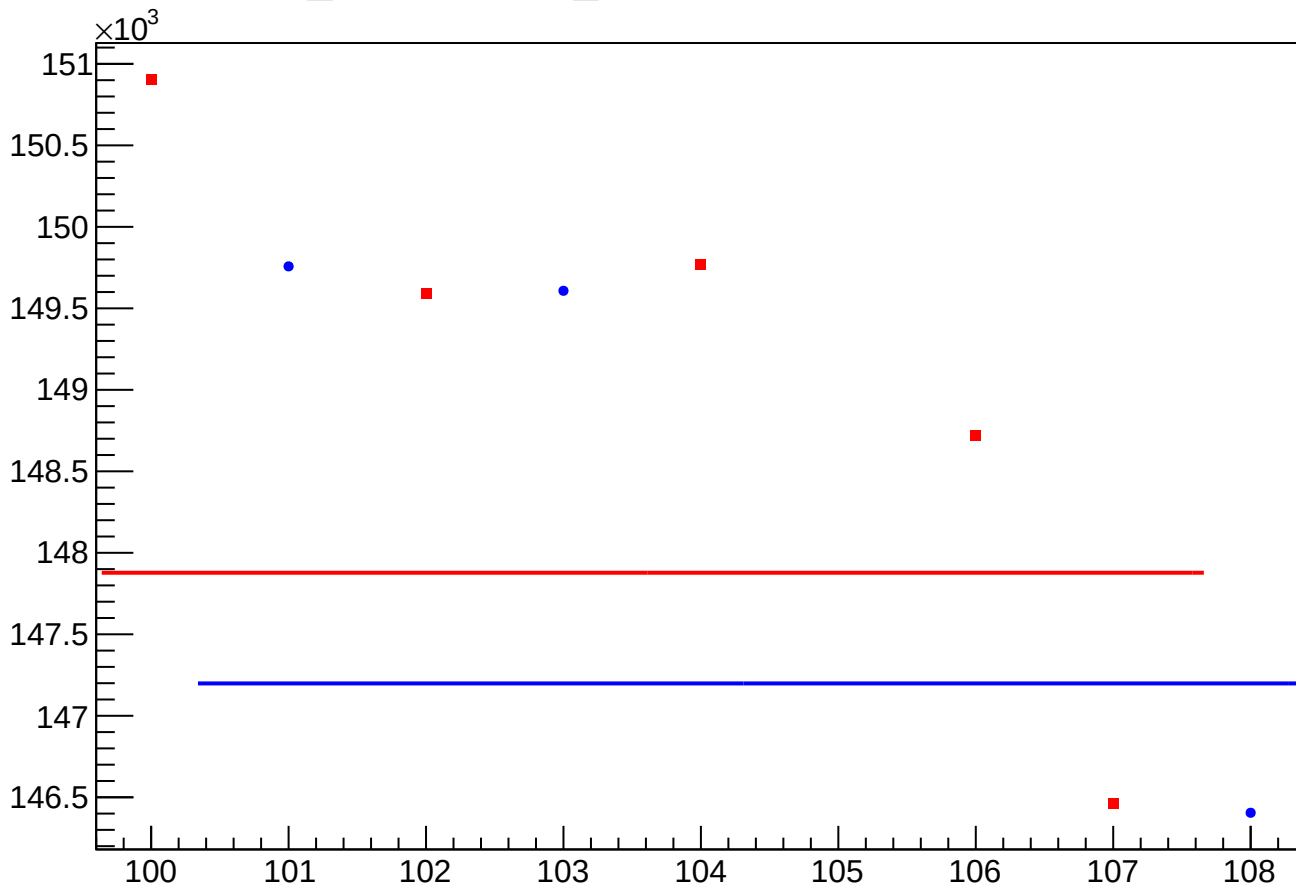
Right: 175.799+/-0.080 χ^2/NDF : 1862395.3/7

In: 171.339+/-0.112 χ^2/NDF : 945165.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.799+/-0.080 χ^2/NDF : 1862395.3/7

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 147537.933+/-0.124 χ^2 /NDF: 133489281.4/7

In: 147198.552+/-0.175 χ^2 /NDF: 64199044.1/2

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 147537.933+/-0.124 χ^2 /NDF: 133489281.4/7

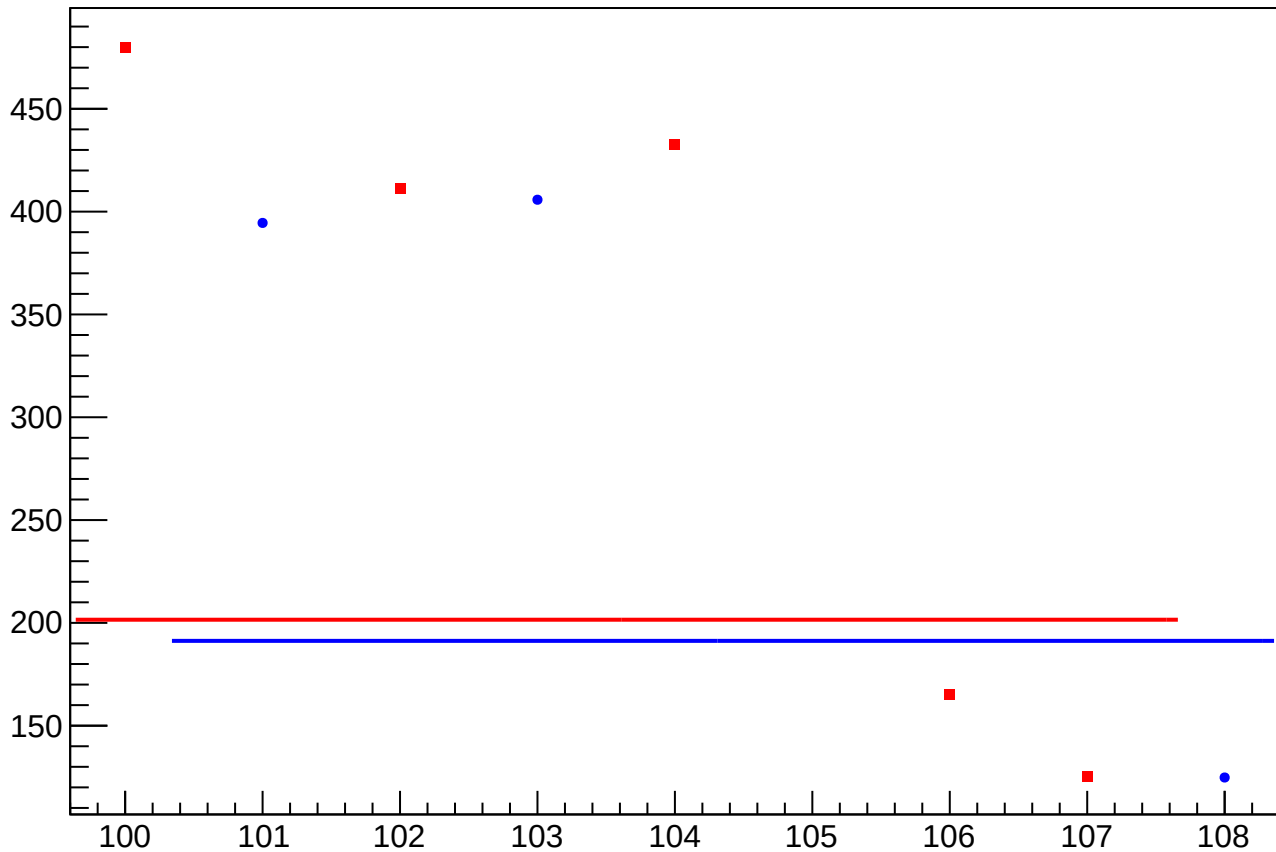
Right In: 147198.552+/-0.175 χ^2 /NDF: 64199044.1/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 147877.779+/-0.176 χ^2 /NDF: 61805139.6/4

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 191.253+/-0.124 χ^2/NDF : 900147.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 201.537+/-0.124 χ^2/NDF : 884676.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

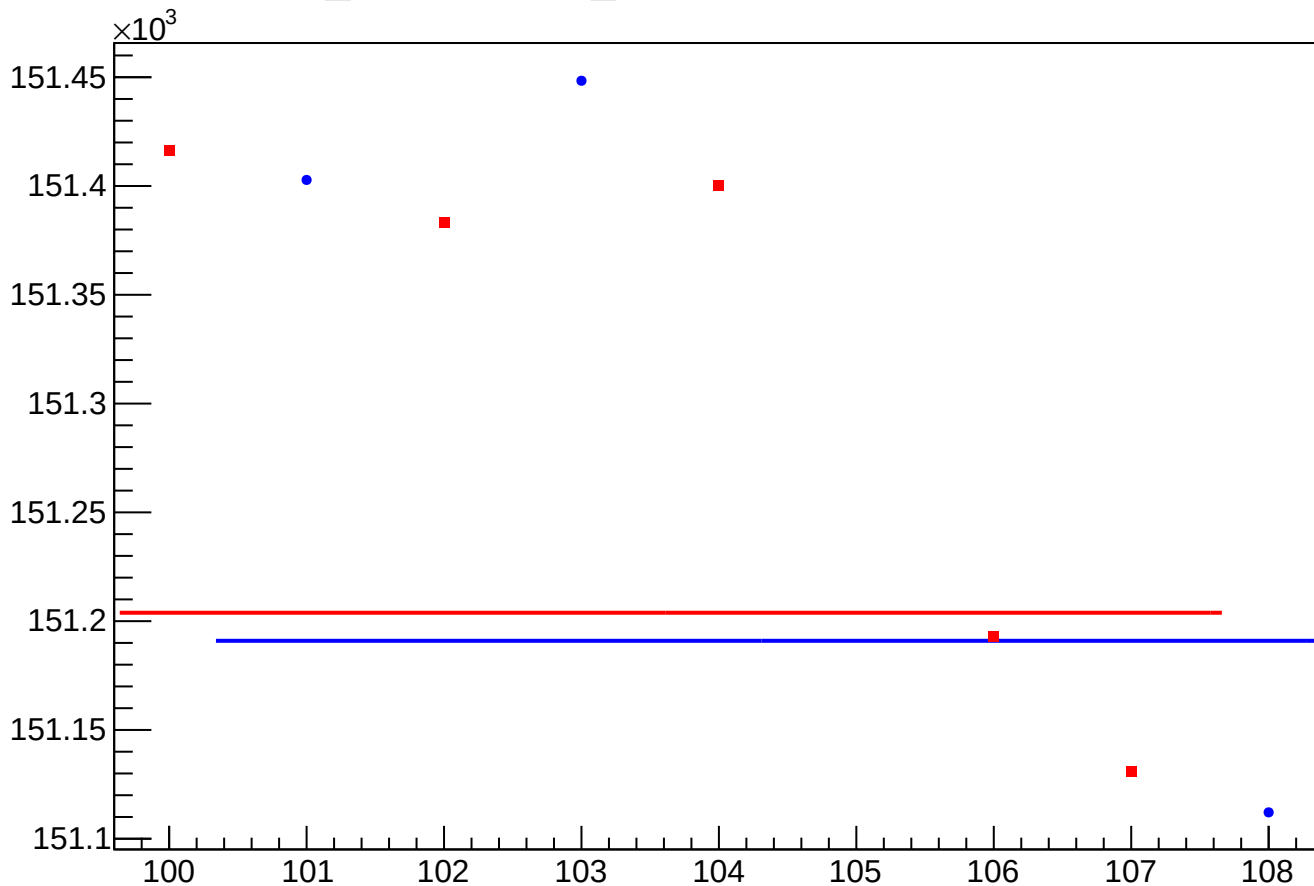
Right: 196.391+/-0.088 χ^2/NDF : 1788256.8/7

In: 191.253+/-0.124 χ^2/NDF : 900147.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 196.391+/-0.088 χ^2/NDF : 1788256.8/7

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 151190.975 $\pm$ 0.172 χ^2 /NDF: 626099.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 151203.870 $\pm$ 0.156 χ^2 /NDF: 340122.7/4

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

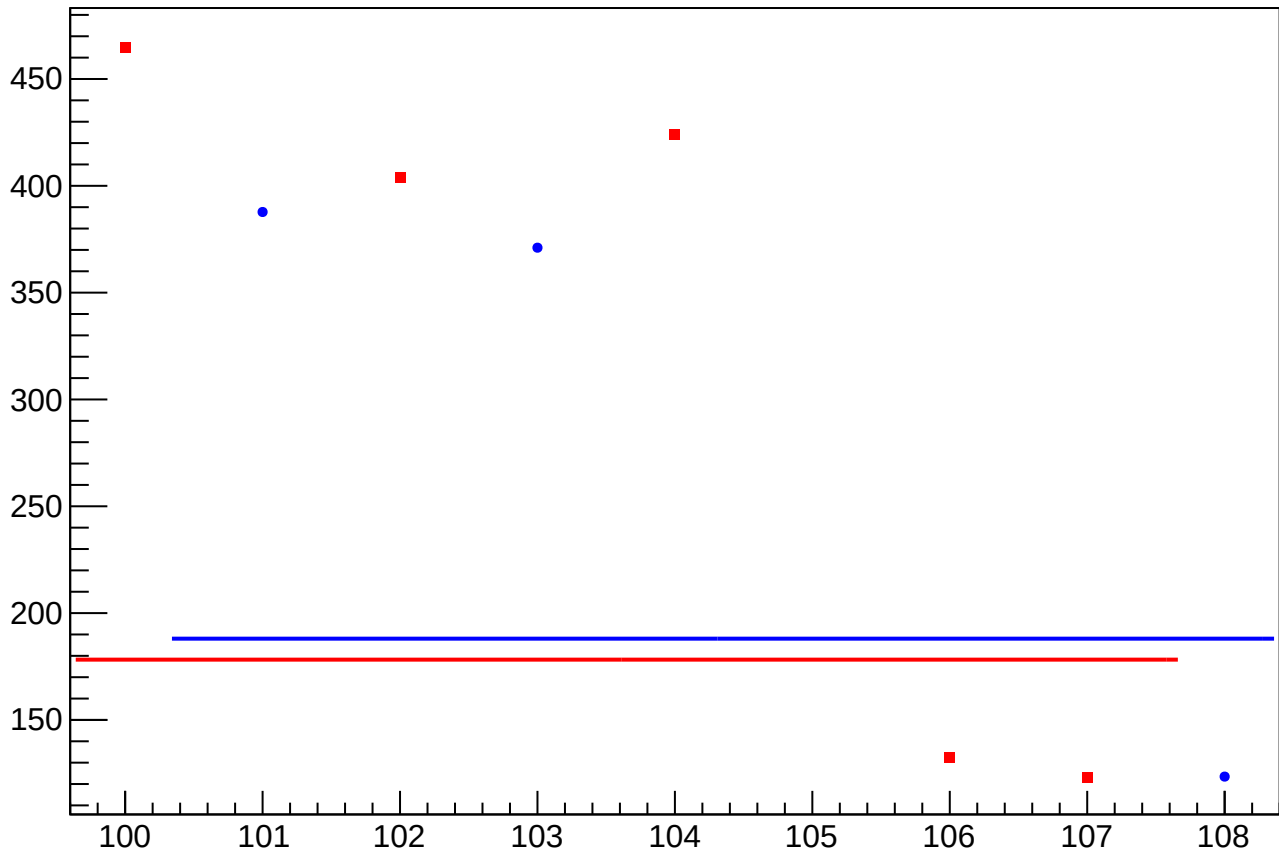
Right: 151198.063 $\pm$ 0.116 χ^2 /NDF: 969301.9/7

In: 151190.975 $\pm$ 0.172 χ^2 /NDF:626099.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 151198.063 $\pm$ 0.116 χ^2 /NDF: 969301.9/7

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 188.041+/-0.122 χ^2/NDF : 834839.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.220+/-0.110 χ^2/NDF : 979658.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

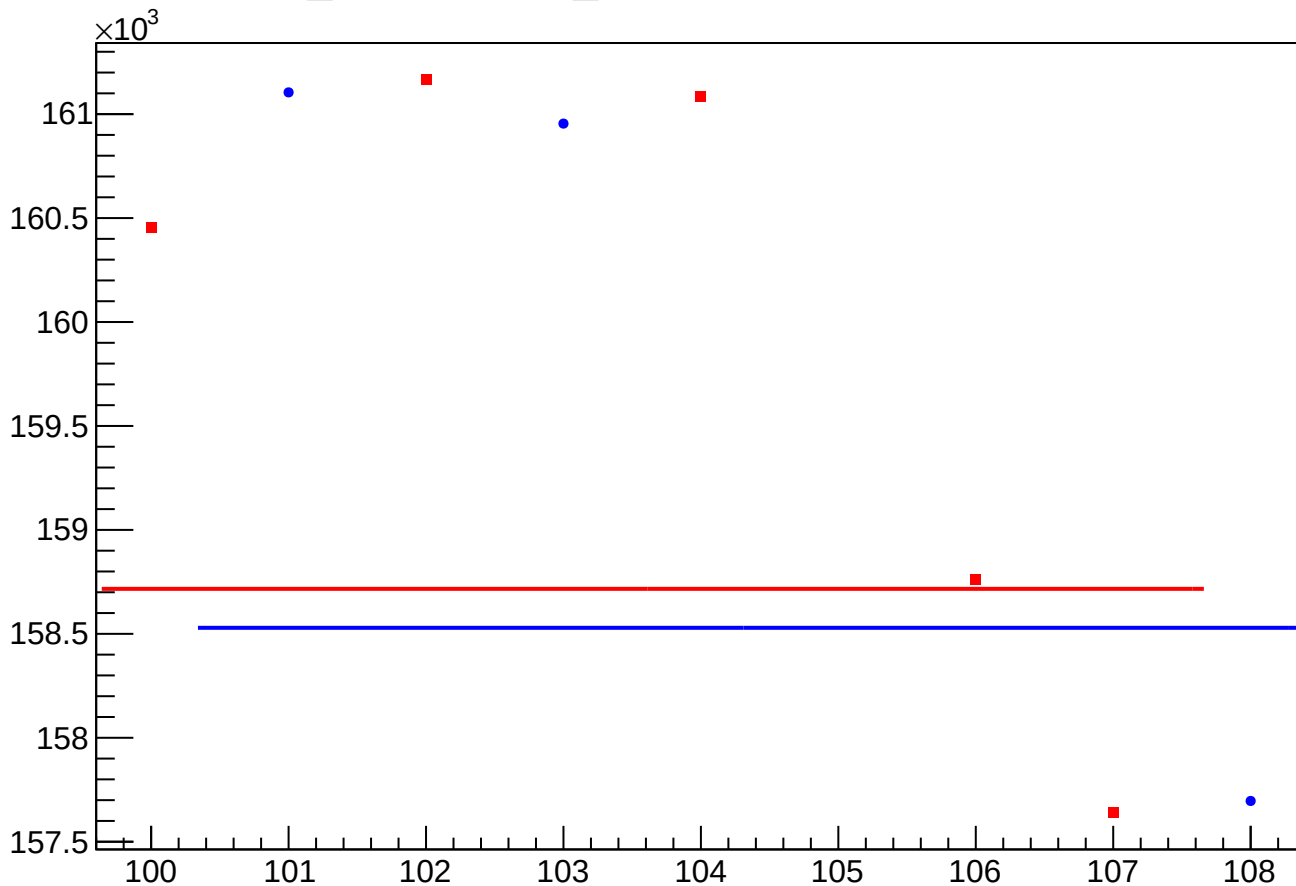
Right: 182.643+/-0.082 χ^2/NDF : 1818070.4/7

In: 188.041+/-0.122 χ^2/NDF : 834839.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

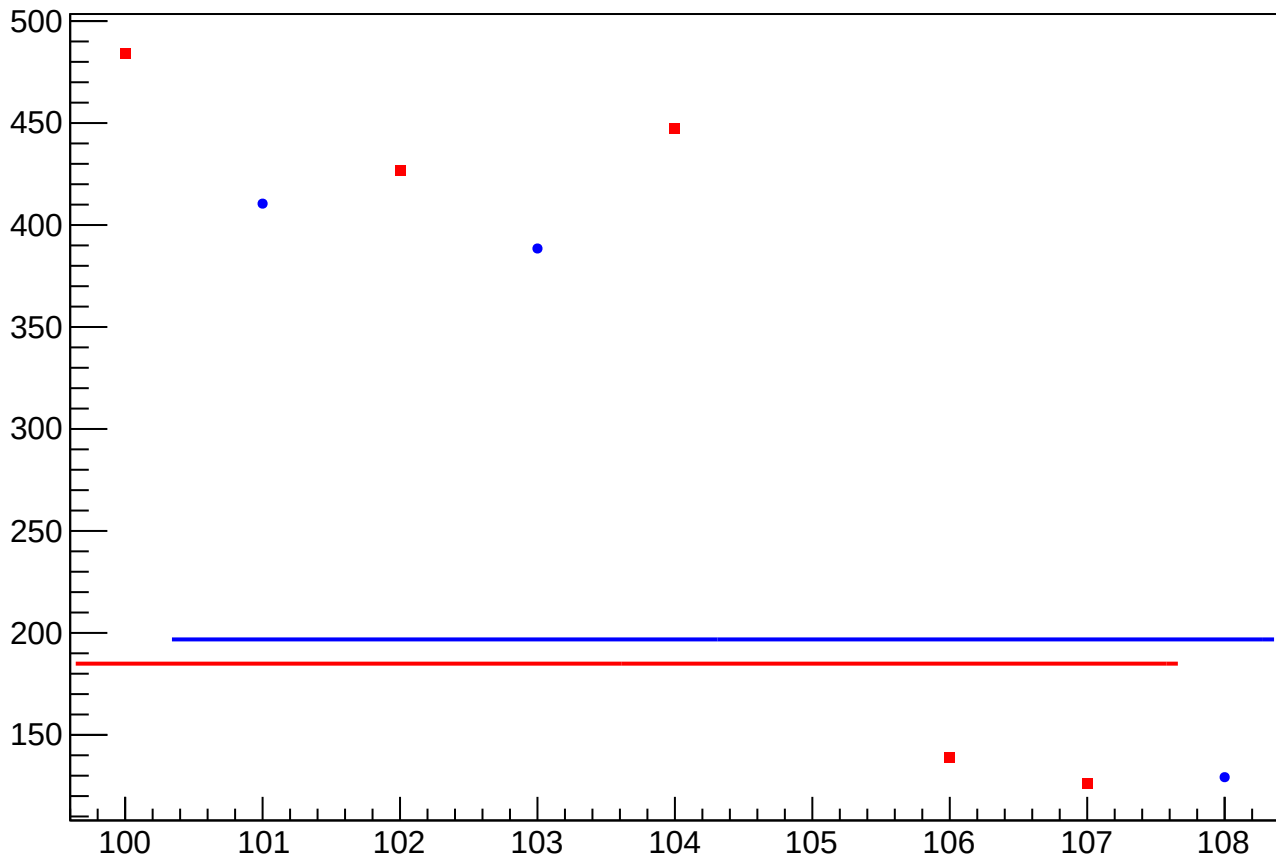
All: 182.643+/-0.082 χ^2/NDF : 1818070.4/7

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: 158529.046 $\pm$ 0.181 χ^2 /NDF: 63841944.2/2
 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: 158632.685 $\pm$ 0.121 χ^2 /NDF: 118620744.2/7
 In: 158529.046 $\pm$ 0.181 χ^2 /NDF: 63841944.2/2
 Right Out: 158716.465 $\pm$ 0.162 χ^2 /NDF: 54184142.0/4
 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: 158632.685 $\pm$ 0.121 χ^2 /NDF: 118620744

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 196.813+/-0.128 χ^2/NDF : 840919.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 184.934+/-0.115 χ^2/NDF : 999329.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

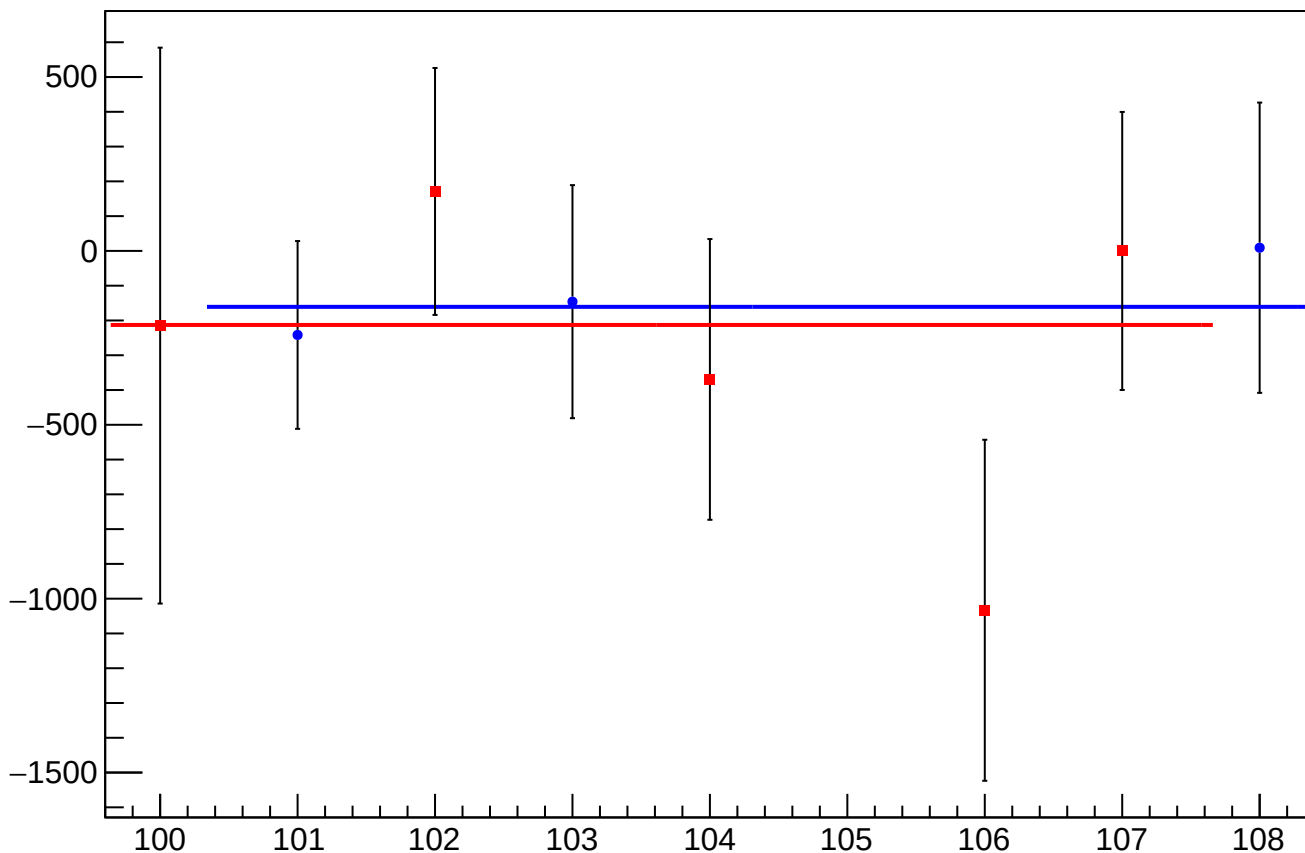
Right: 190.244+/-0.085 χ^2/NDF : 1845027.5/7

In: 196.813+/-0.128 χ^2/NDF : 840919.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 190.244+/-0.085 χ^2/NDF : 1845027.5/7

asym_bcm_target_mean vs Slug, Sign Corrected



Right In: -160.826+/-187.762 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -212.910+/-195.915 χ^2/NDF : 4.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

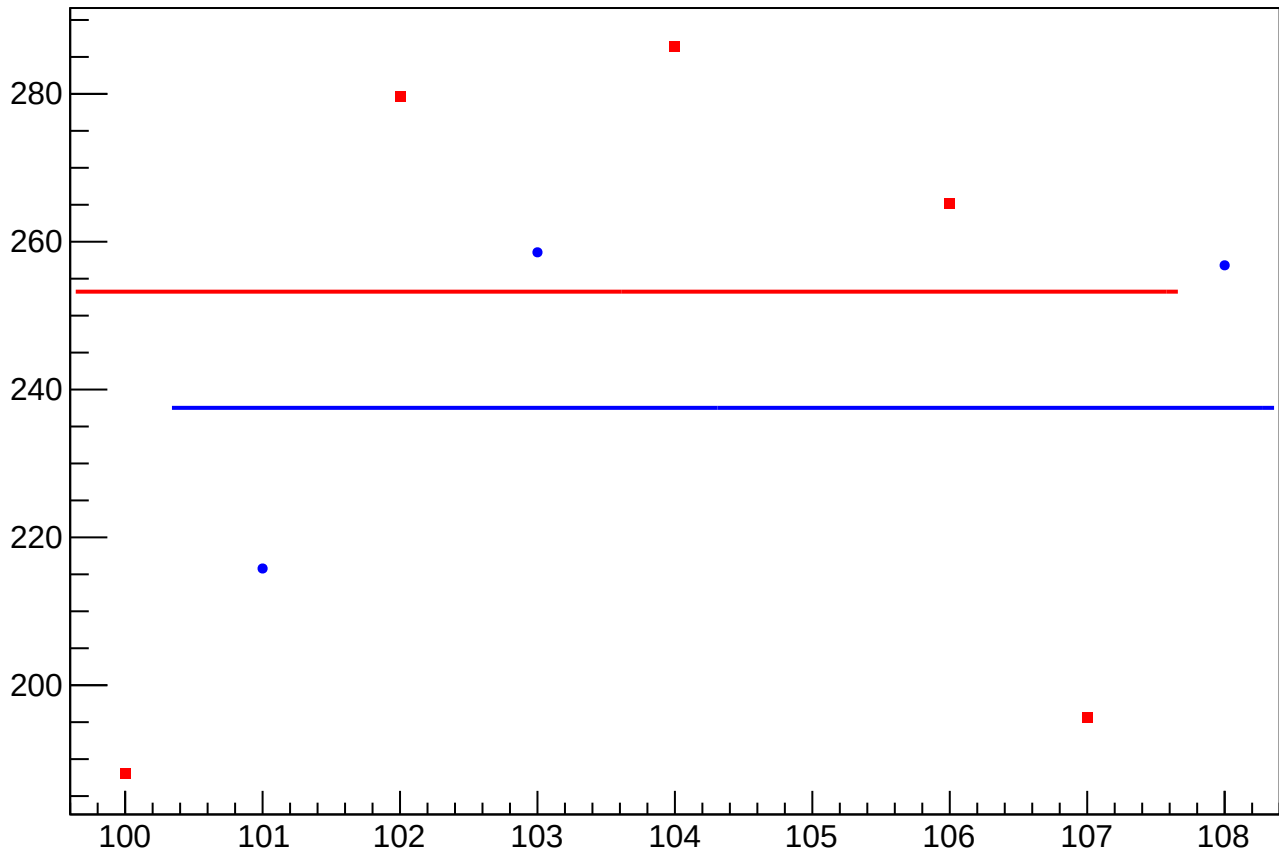
Right: -185.762+/-135.558 χ^2/NDF : 4.7/7

In: -160.826+/-187.762 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -185.762+/-135.558 χ^2/NDF : 4.7/7

asym_bcm_target_rms vs Slug, Sign Corrected



Right In: 237.525+/-0.133 χ^2/NDF : 25117.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 253.243+/-0.139 χ^2/NDF : 80494.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

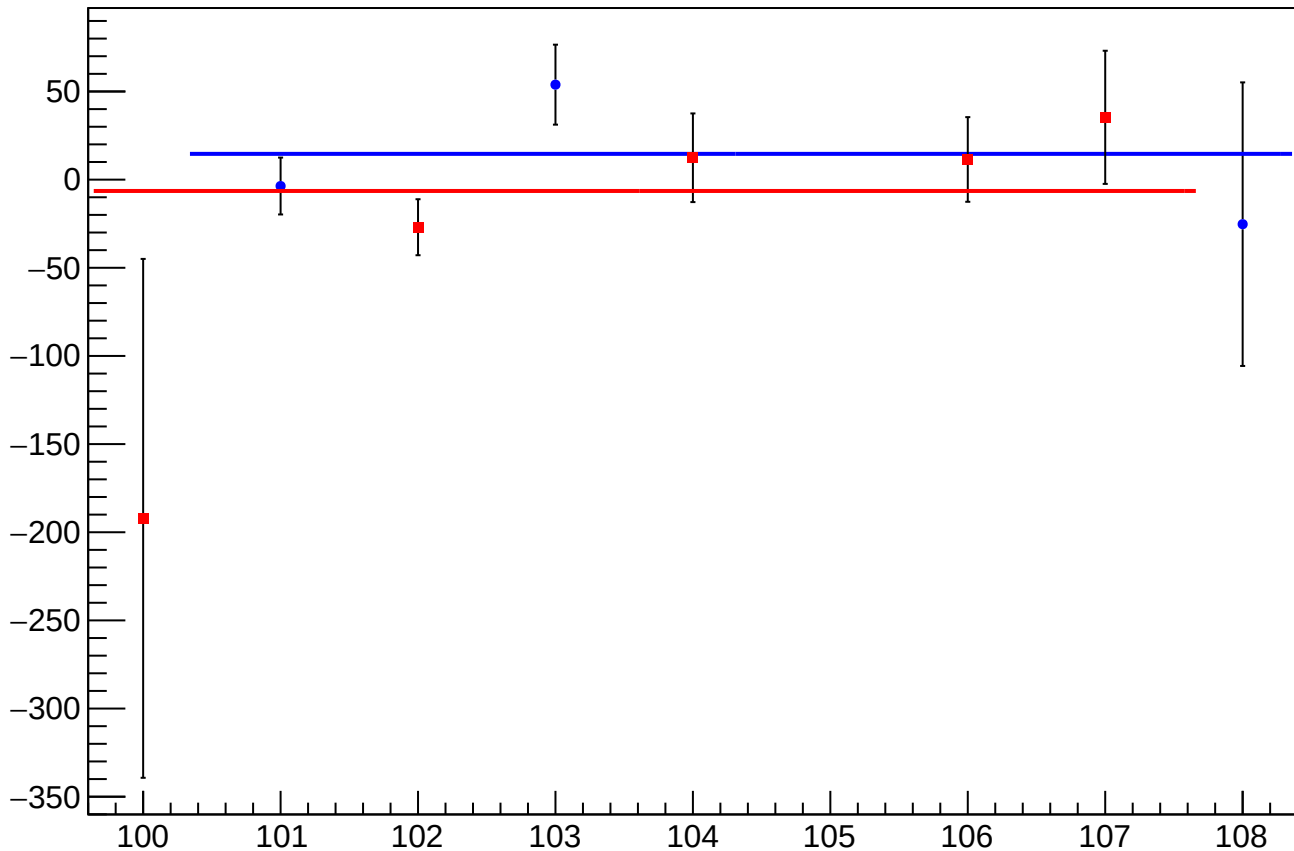
Right: 245.050+/-0.096 χ^2/NDF : 112322.3/7

In: 237.525+/-0.133 χ^2/NDF : 25117.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 245.050+/-0.096 χ^2/NDF : 112322.3/7

asym_bcm_an_diff_mean vs Slug, Sign Corrected



Right In: 14.617 $\pm$ 12.972 χ^2 /NDF: 4.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -6.429 $\pm$ 11.160 χ^2 /NDF: 5.6/4

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

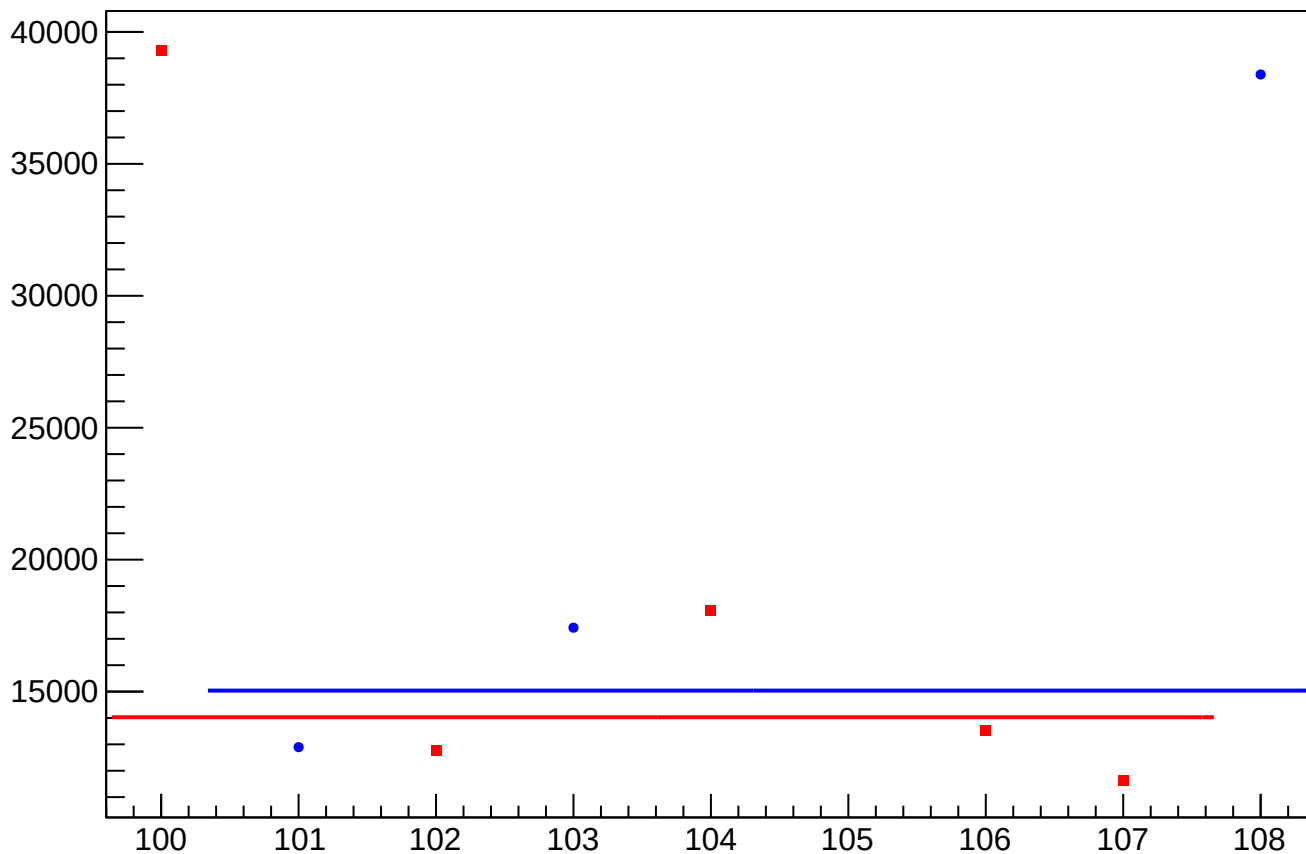
Right: 2.523 $\pm$ 8.460 χ^2 /NDF: 11.6/7

In: 14.617 $\pm$ 12.972 χ^2 /NDF: 4.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.523 $\pm$ 8.460 χ^2 /NDF: 11.6/7

asym_bcm_an_diff_rms vs Slug, Sign Corrected



Right In: 15037.716+/-9.173 χ^2/NDF : 226044.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14027.665+/-7.891 χ^2/NDF : 131834.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

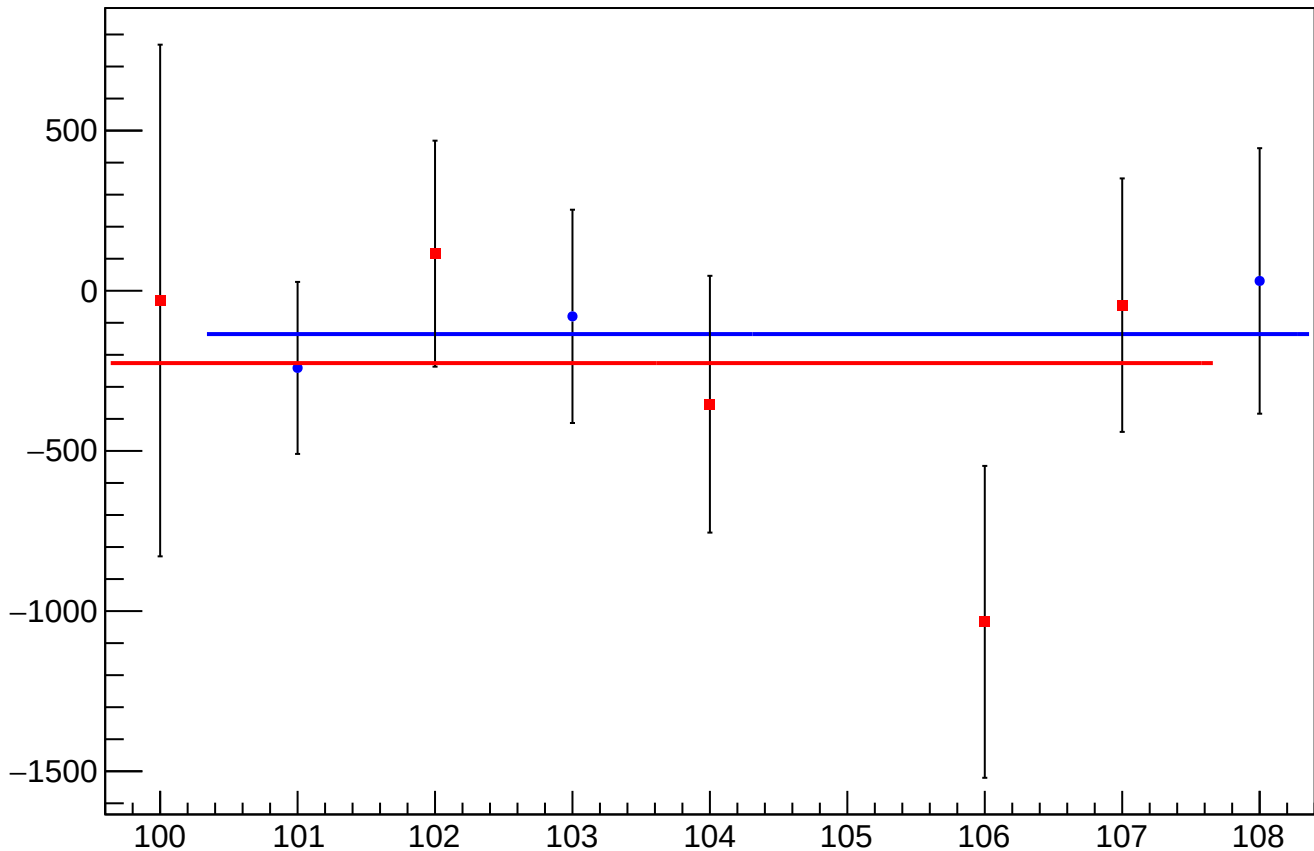
Right: 14457.275+/-5.982 χ^2/NDF : 364847.3/7

In: 15037.716+/-9.173 χ^2/NDF : 226044.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14457.275+/-5.982 χ^2/NDF : 364847.3/7

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: -135.240+/-186.606 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -225.804+/-194.486 χ^2/NDF : 4.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

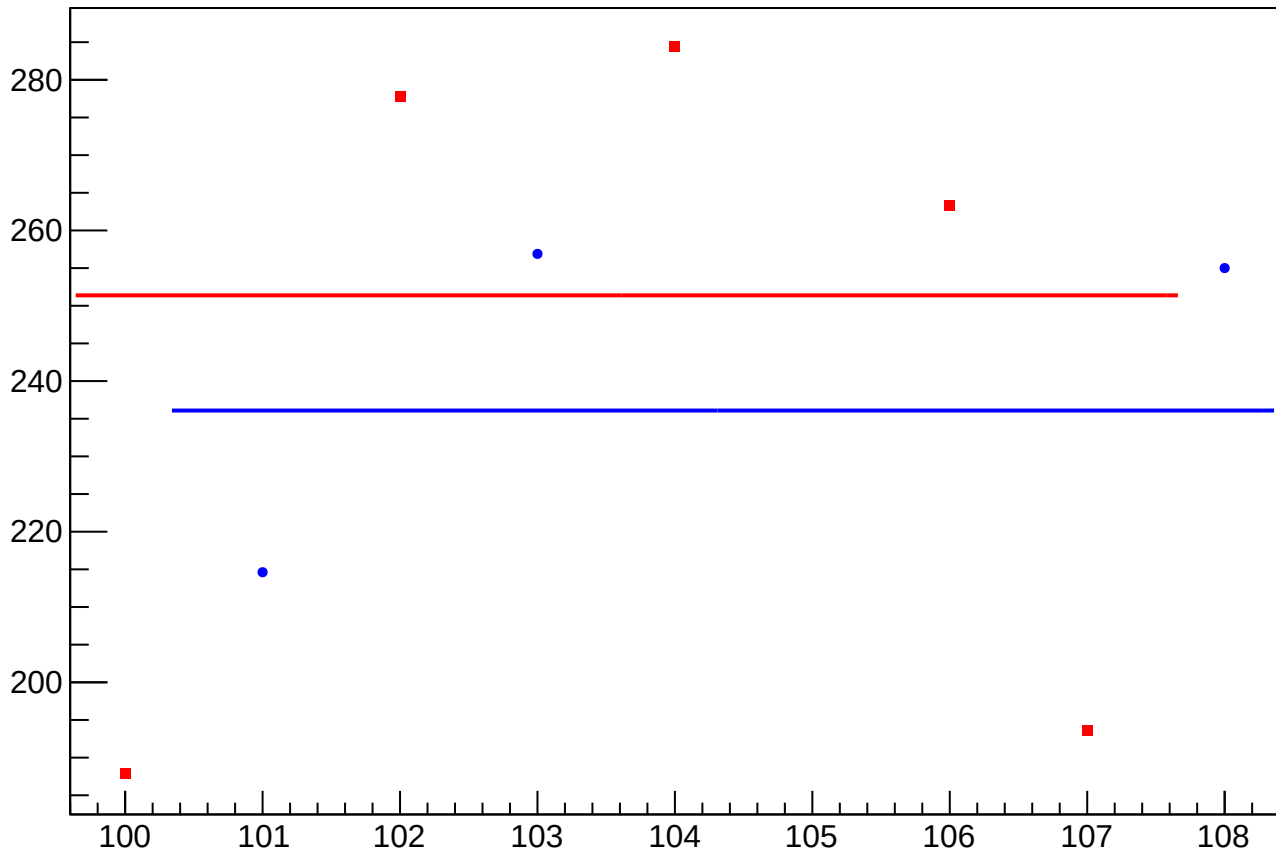
Right: -178.651+/-134.650 χ^2/NDF : 4.5/7

In: -135.240+/-186.606 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -178.651+/-134.650 χ^2/NDF : 4.5/7

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 236.088+/-0.132 χ^2/NDF : 24764.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 251.382+/-0.138 χ^2/NDF : 81188.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

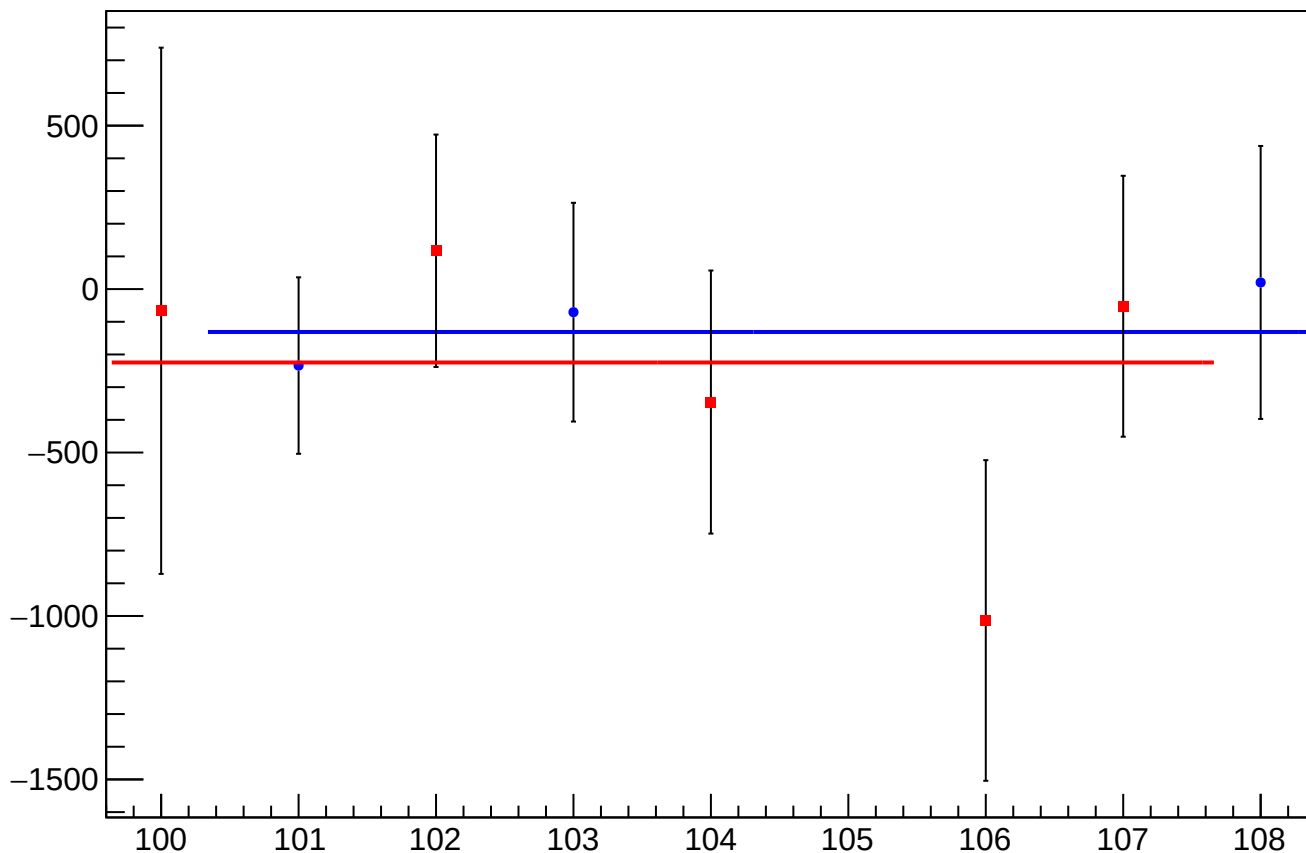
Right: 243.419+/-0.095 χ^2/NDF : 112392.4/7

In: 236.088+/-0.132 χ^2/NDF : 24764.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 243.419+/-0.095 χ^2/NDF : 112392.4/7

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: -131.207+/-187.668 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -224.534+/-195.863 χ^2/NDF : 3.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

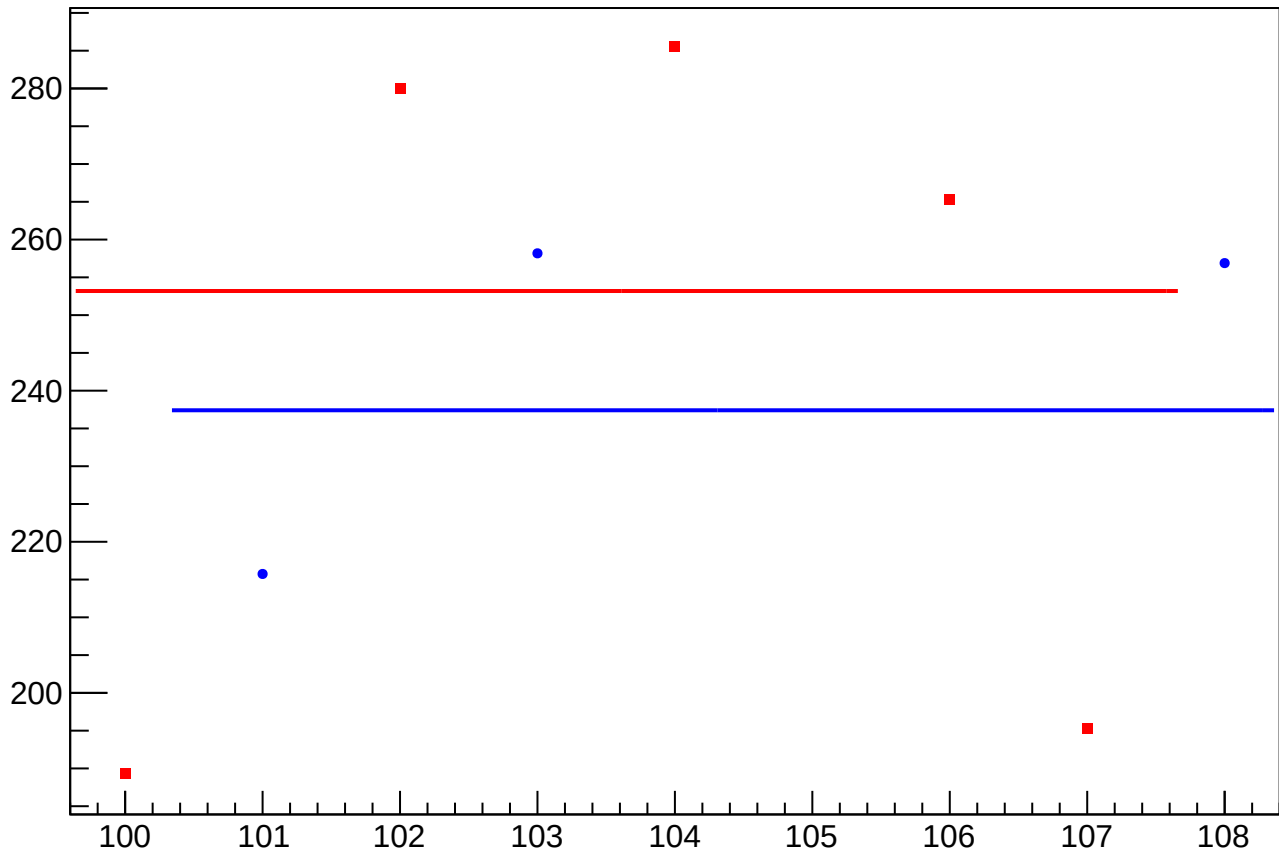
Right: -175.877+/-135.506 χ^2/NDF : 4.3/7

In: -131.207+/-187.668 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -175.877+/-135.506 χ^2/NDF : 4.3/7

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 237.406 $\pm$ 0.133 χ^2 /NDF: 24946.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 253.192 $\pm$ 0.138 χ^2 /NDF: 80070.9/4

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

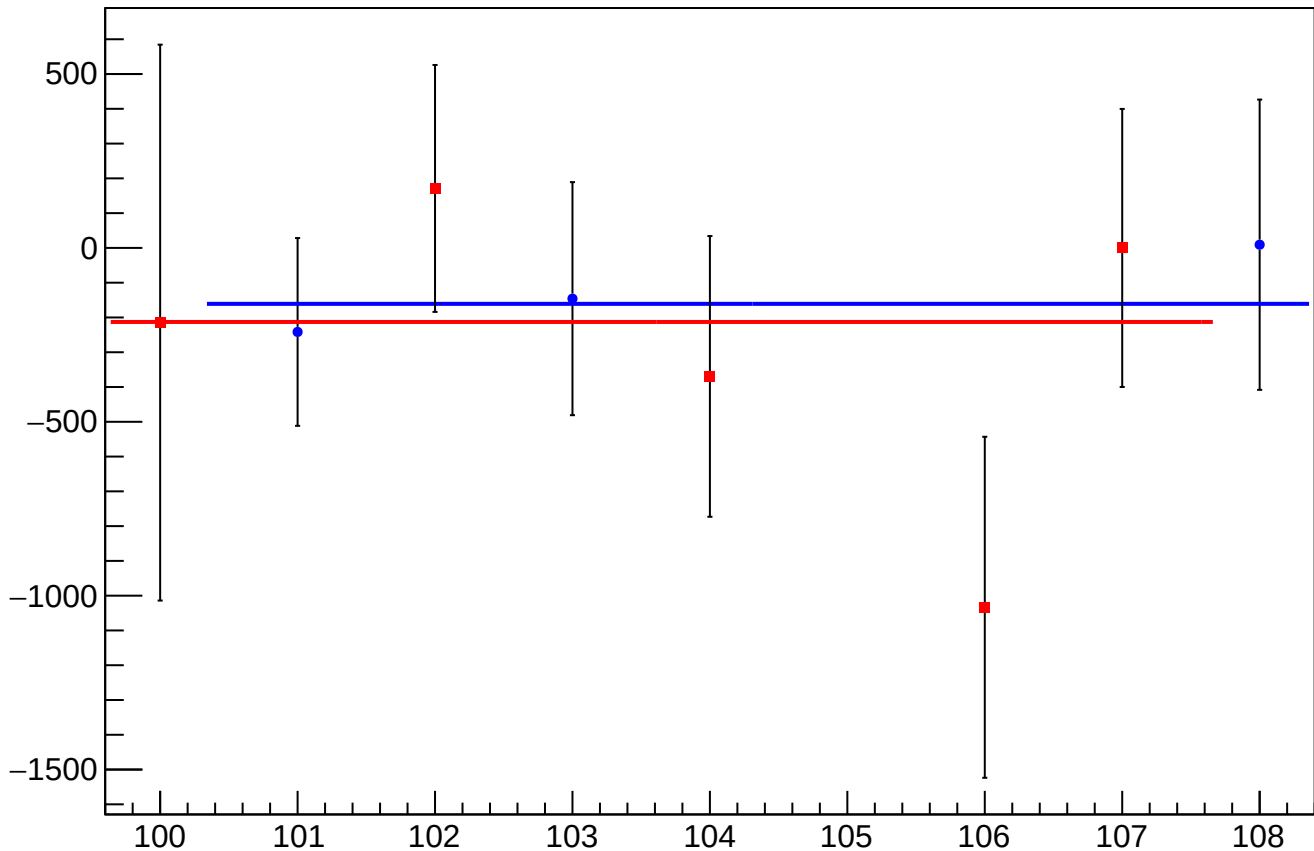
Right: 244.962 $\pm$ 0.096 χ^2 /NDF: 111790.9/7

In: 237.406 $\pm$ 0.133 χ^2 /NDF:24946.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 244.962 $\pm$ 0.096 χ^2 /NDF: 111790.9/7

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: -160.826+/-187.762 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -212.910+/-195.915 χ^2/NDF : 4.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

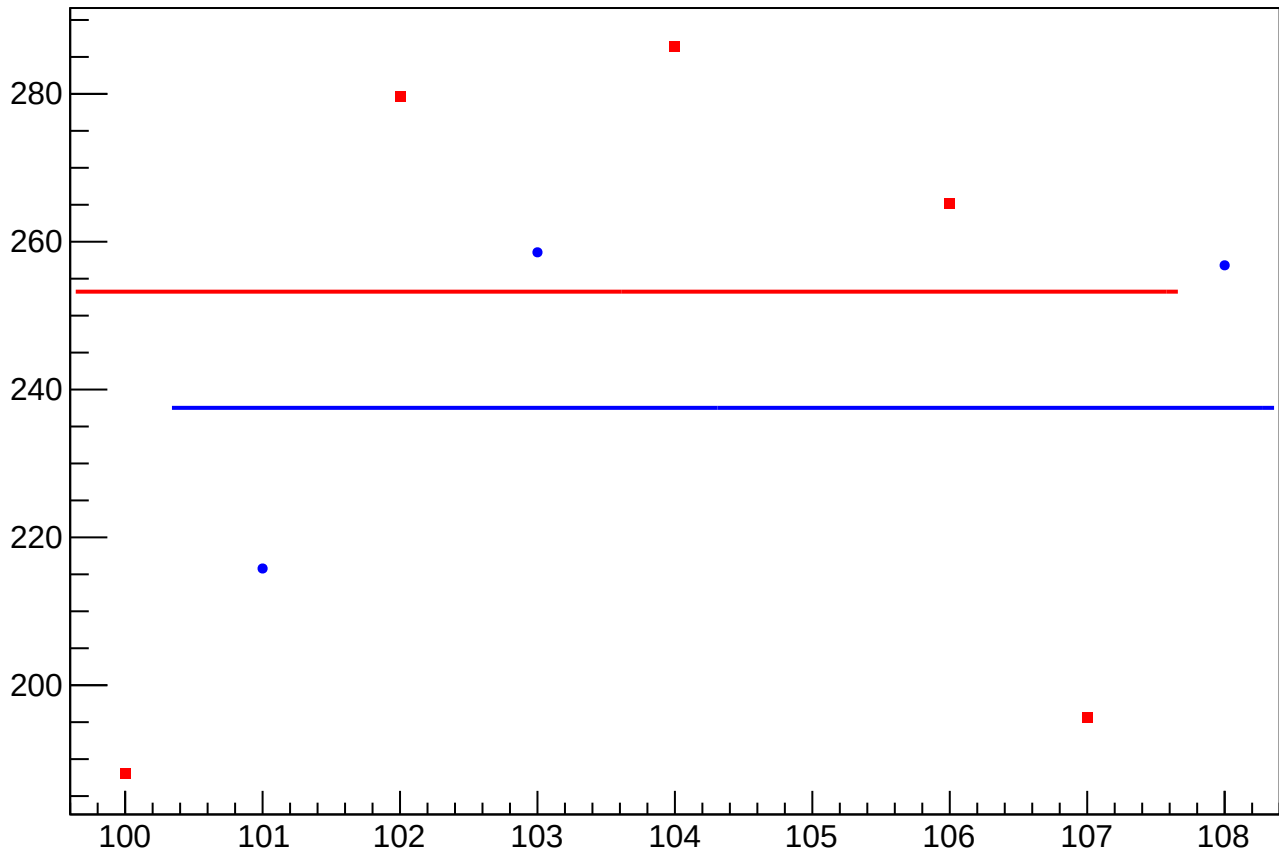
Right: -185.762+/-135.558 χ^2/NDF : 4.7/7

In: -160.826+/-187.762 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -185.762+/-135.558 χ^2/NDF : 4.7/7

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 237.525+/-0.133 χ^2/NDF : 25117.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 253.243+/-0.139 χ^2/NDF : 80494.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

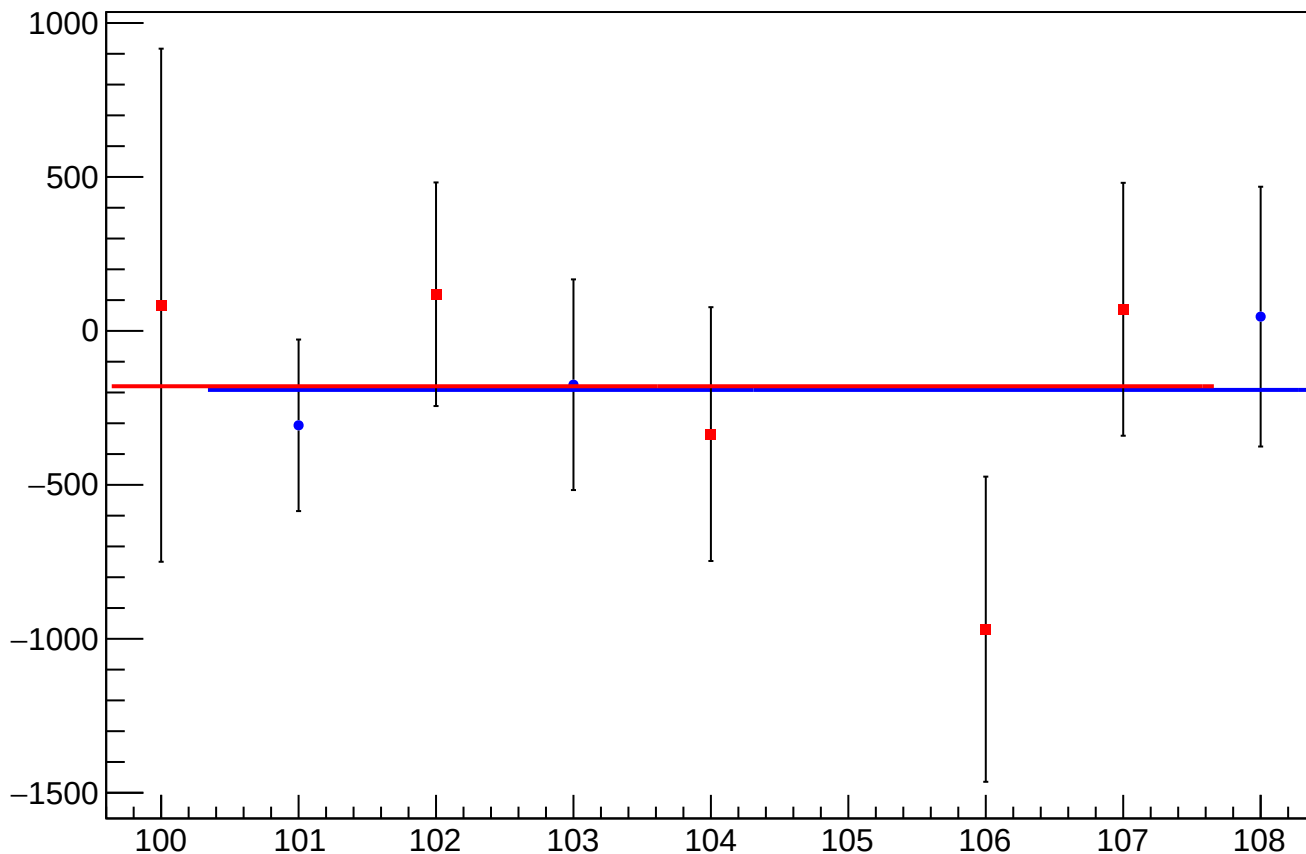
Right: 245.050+/-0.096 χ^2/NDF : 112322.3/7

In: 237.525+/-0.133 χ^2/NDF : 25117.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 245.050+/-0.096 χ^2/NDF : 112322.3/7

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: -191.634+/-192.275 χ^2/NDF : 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -179.745+/-200.348 χ^2/NDF : 3.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

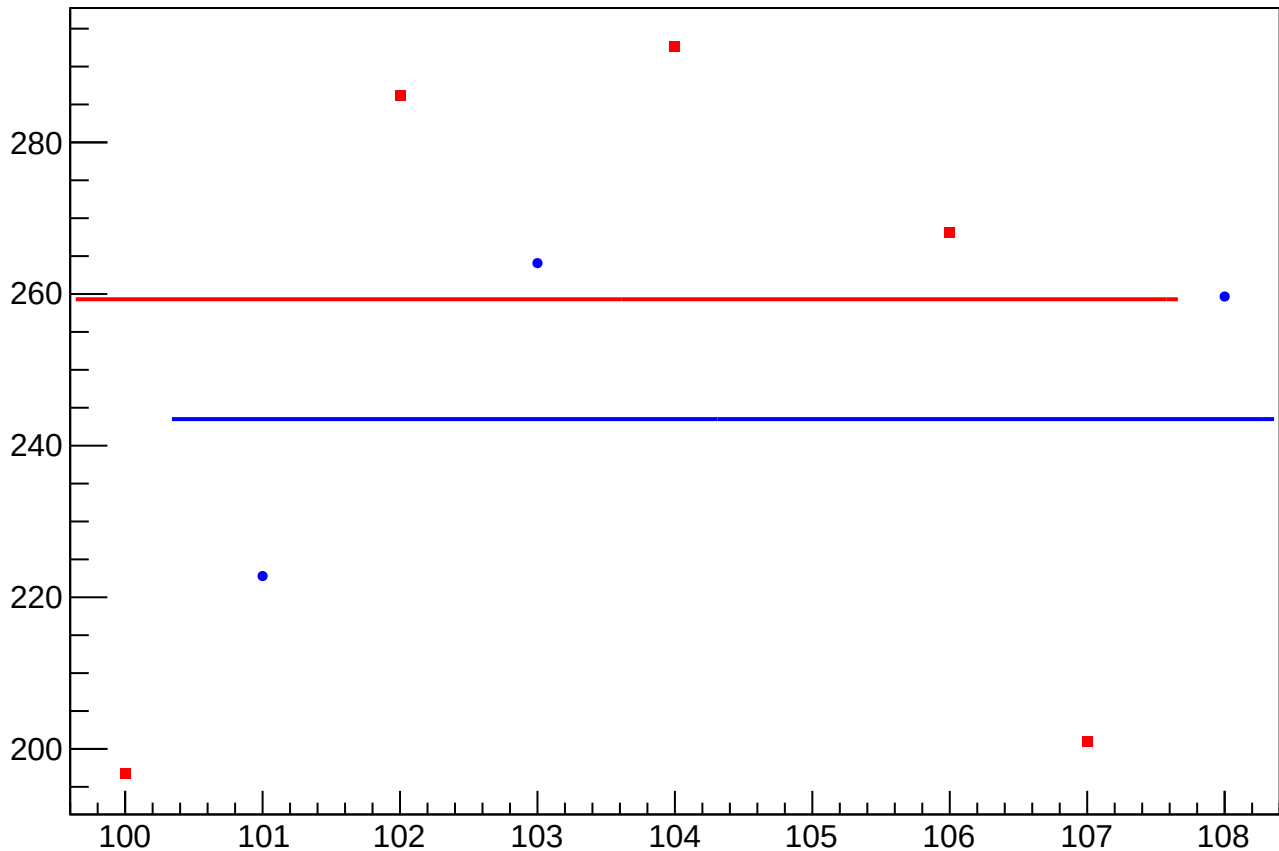
Right: -185.934+/-138.725 χ^2/NDF : 4.3/7

In: -191.634+/-192.275 χ^2/NDF : 0.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -185.934+/-138.725 χ^2/NDF : 4.3/7

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 243.500 $\pm$ 0.136 χ^2 /NDF: 21214.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 259.309 $\pm$ 0.142 χ^2 /NDF: 76146.0/4

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

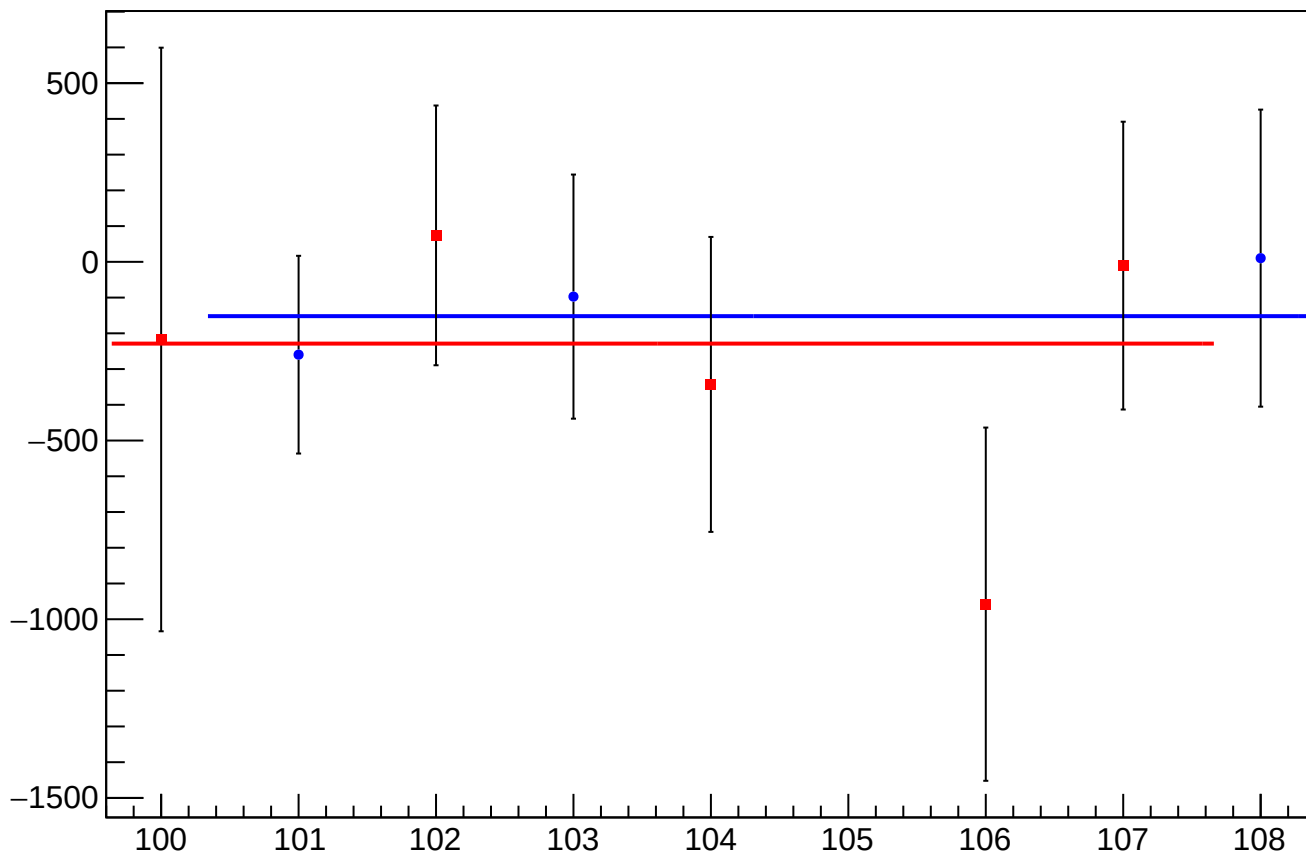
Right: 251.080 $\pm$ 0.098 χ^2 /NDF: 103842.7/7

In: 243.500 $\pm$ 0.136 χ^2 /NDF: 21214.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 251.080 $\pm$ 0.098 χ^2 /NDF: 103842.7/7

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: -151.961 ± 190.927 χ^2/NDF : 0.3/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -228.770 ± 199.174 χ^2/NDF : 3.2/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

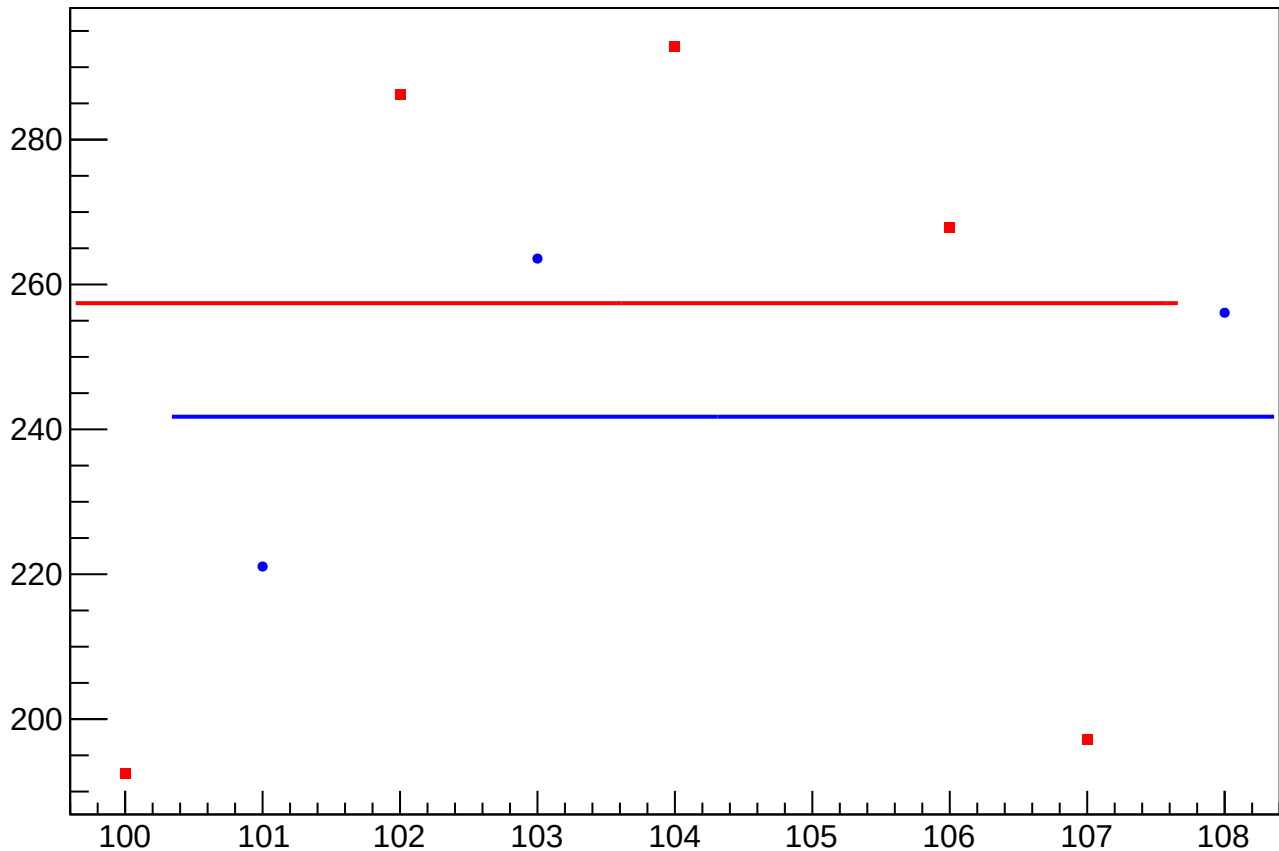
Right: -188.743 ± 137.829 χ^2/NDF : 3.6/7

In: -151.961 ± 190.927 χ^2/NDF : 0.3/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -188.743 ± 137.829 χ^2/NDF : 3.6/7

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 241.748+/-0.135 χ^2/NDF : 21734.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 257.419+/-0.141 χ^2/NDF : 85663.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

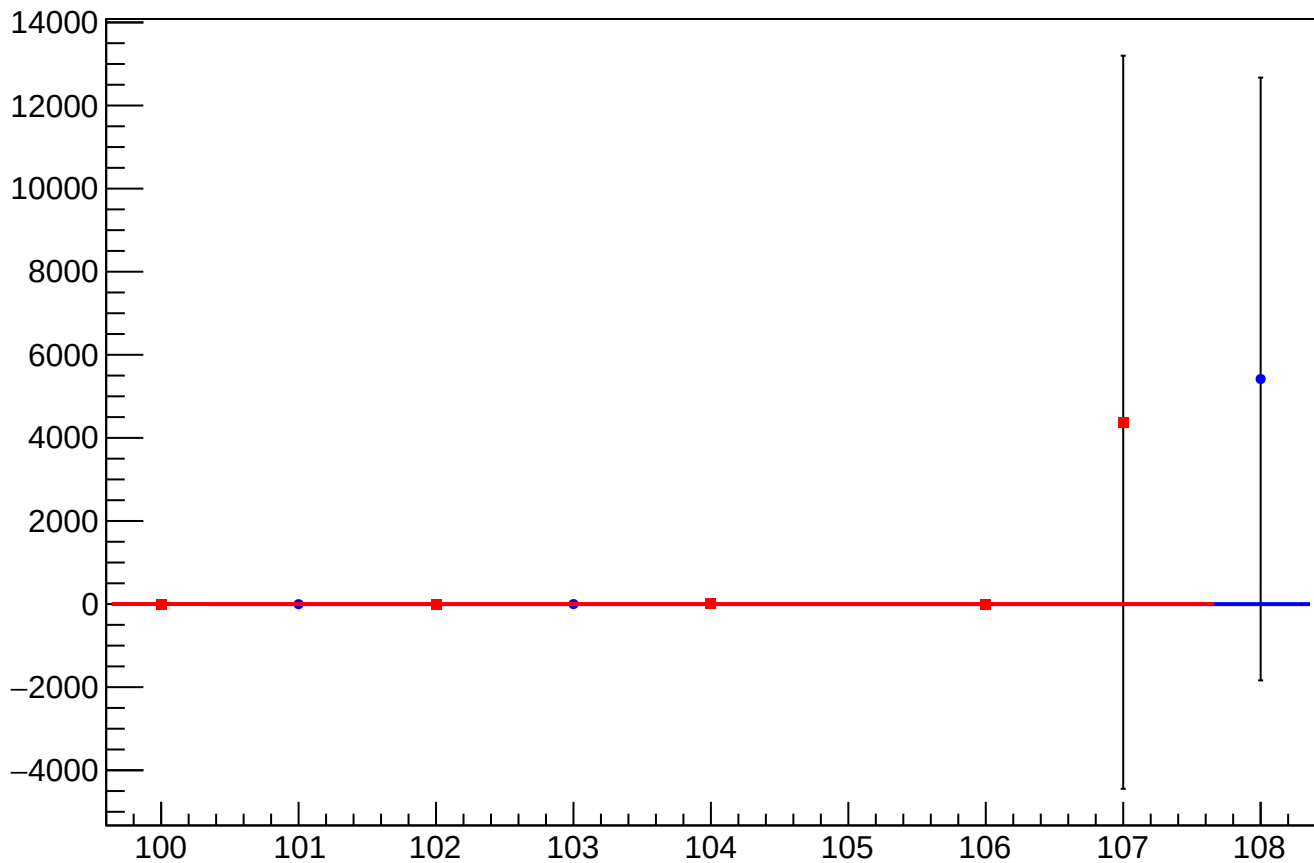
Right: 249.252+/-0.097 χ^2/NDF : 113850.5/7

In: 241.748+/-0.135 χ^2/NDF : 21734.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 249.252+/-0.097 χ^2/NDF : 113850.5/7

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.218+/-2.171 χ^2/NDF : 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.363+/-2.022 χ^2/NDF : 5.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

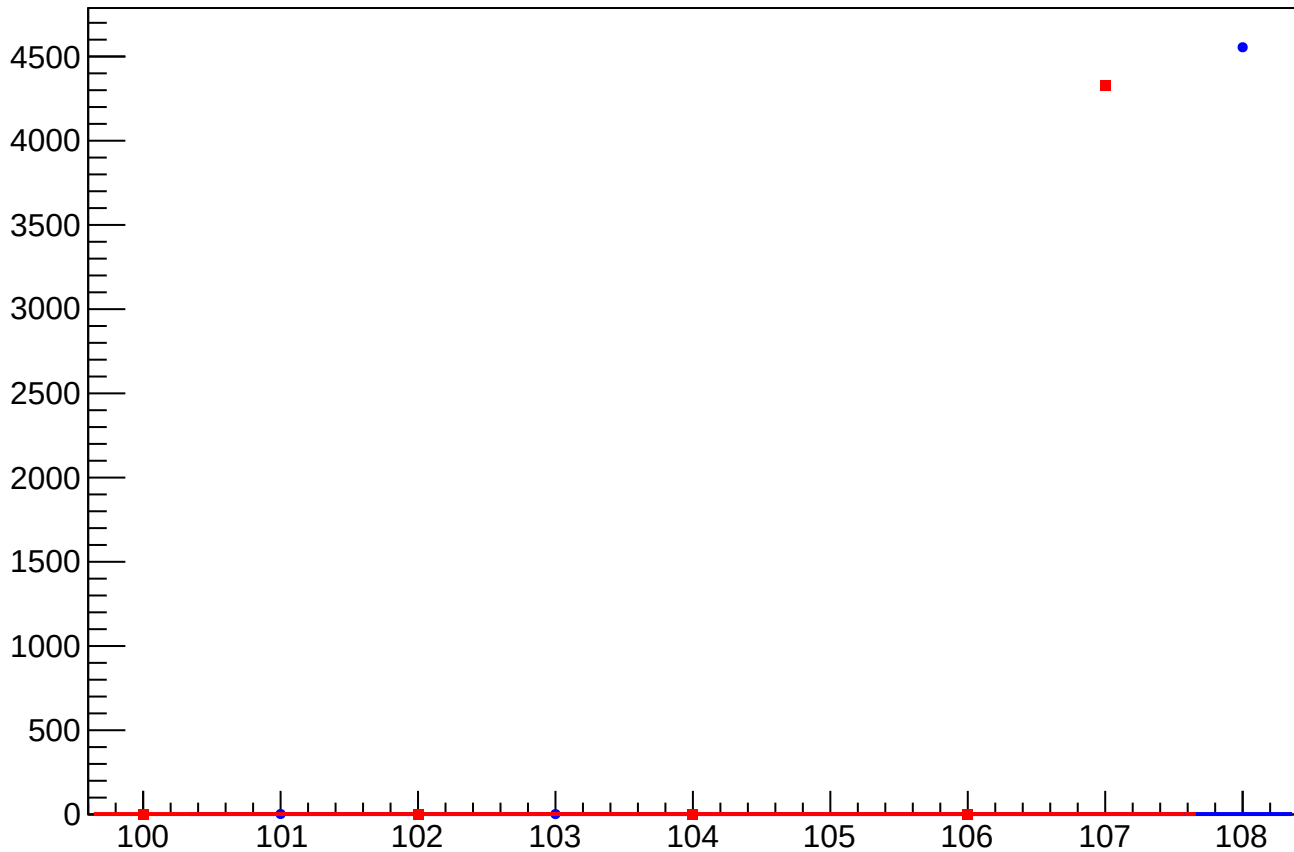
Right: 0.164+/-1.480 χ^2/NDF : 7.1/7

In: -1.218+/-2.171 χ^2/NDF : 1.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.164+/-1.480 χ^2/NDF : 7.1/7

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.430+/-0.002 χ^2/NDF : 802576.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.423+/-0.001 χ^2/NDF : 494368.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

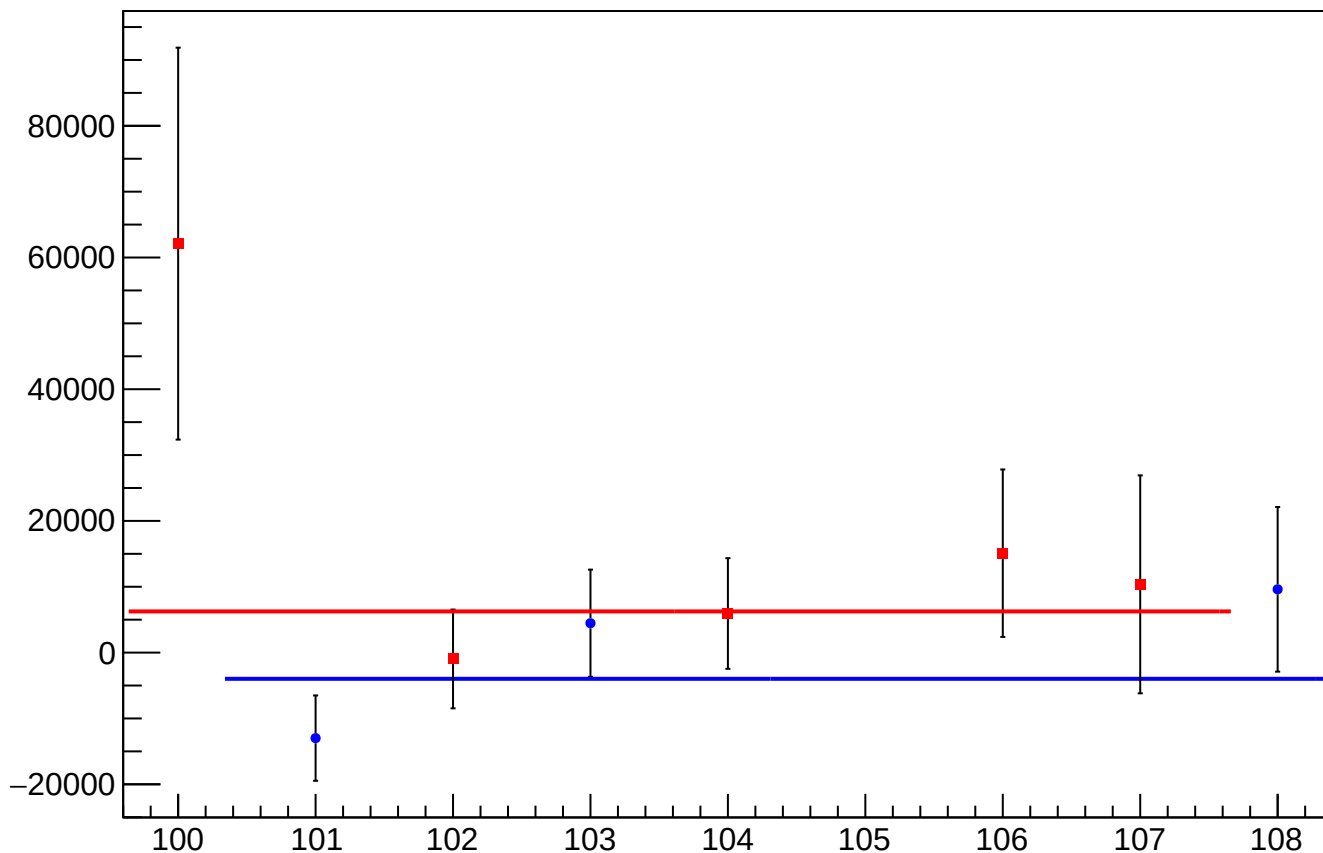
Right: 2.426+/-0.001 χ^2/NDF : 1296956.5/7

In: 2.430+/-0.002 χ^2/NDF : 802576.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.426+/-0.001 χ^2/NDF : 1296956.5/7

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: -3978.873+/-4698.321 χ^2/NDF : 4.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6254.955+/-4828.272 χ^2/NDF : 5.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

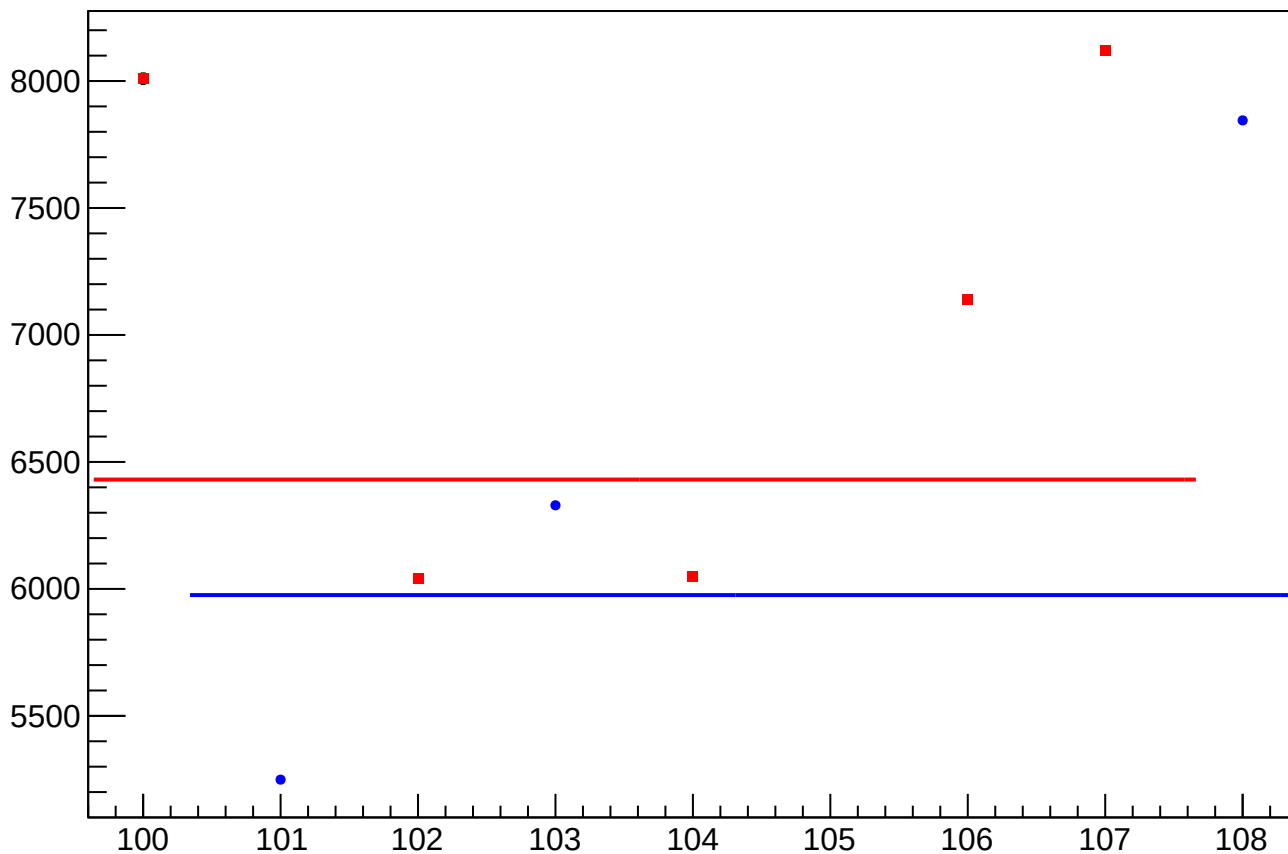
Right: 998.470+/-3367.219 χ^2/NDF : 11.5/7

In: -3978.873+/-4698.321 χ^2/NDF : 4.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 998.470+/-3367.219 χ^2/NDF : 11.5/7

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 5975.666+/-3.322 χ^2/NDF : 73629.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6430.622+/-3.414 χ^2/NDF : 42250.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

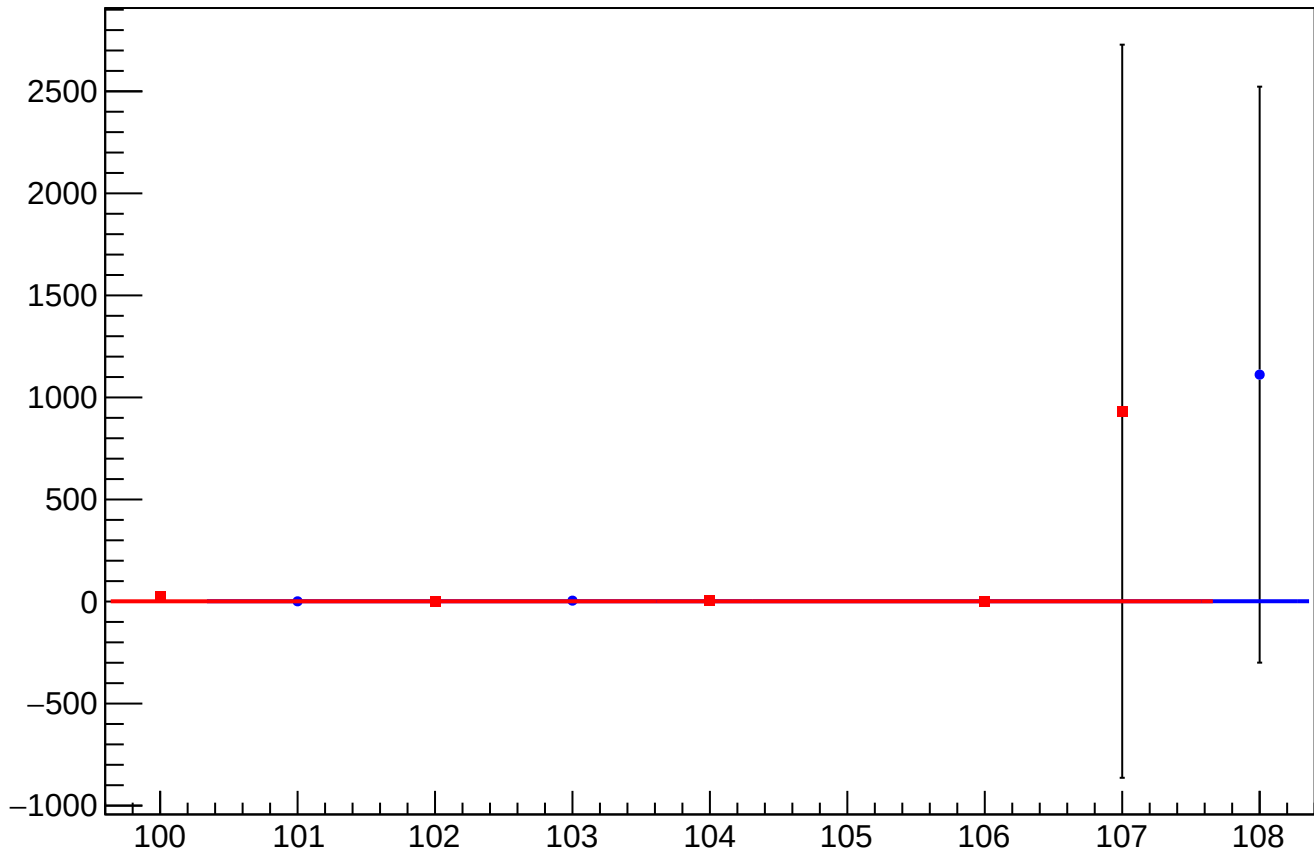
Right: 6196.939+/-2.381 χ^2/NDF : 125000.5/7

In: 5975.666+/-3.322 χ^2/NDF : 73629.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6196.939+/-2.381 χ^2/NDF : 125000.5/7

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: 1.445+/-1.660 χ^2/NDF : 1.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.114+/-1.528 χ^2/NDF : 2.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

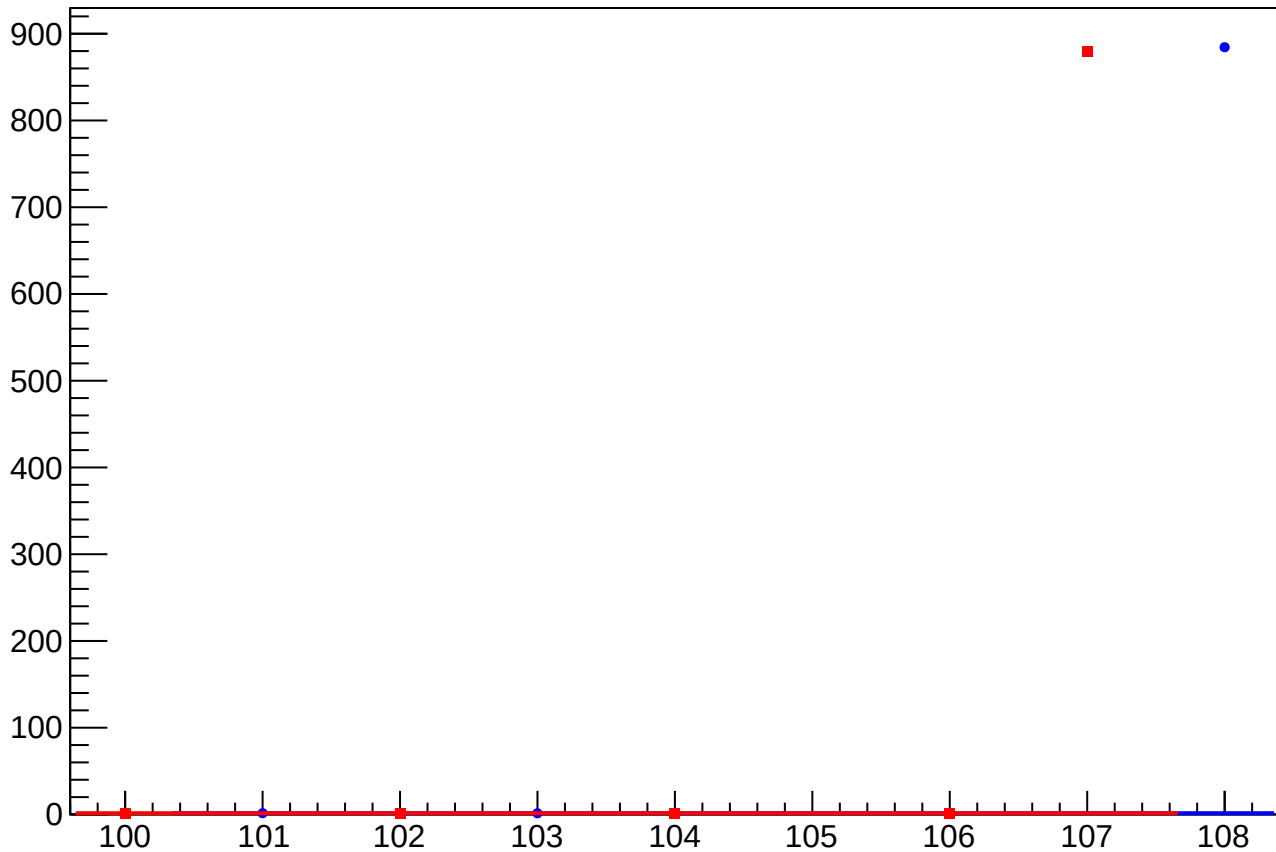
Right: 1.266+/-1.124 χ^2/NDF : 3.8/7

In: 1.445+/-1.660 χ^2/NDF : 1.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.266+/-1.124 χ^2/NDF : 3.8/7

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.431+/-0.001 χ^2/NDF : 783548.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.434+/-0.001 χ^2/NDF : 478831.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

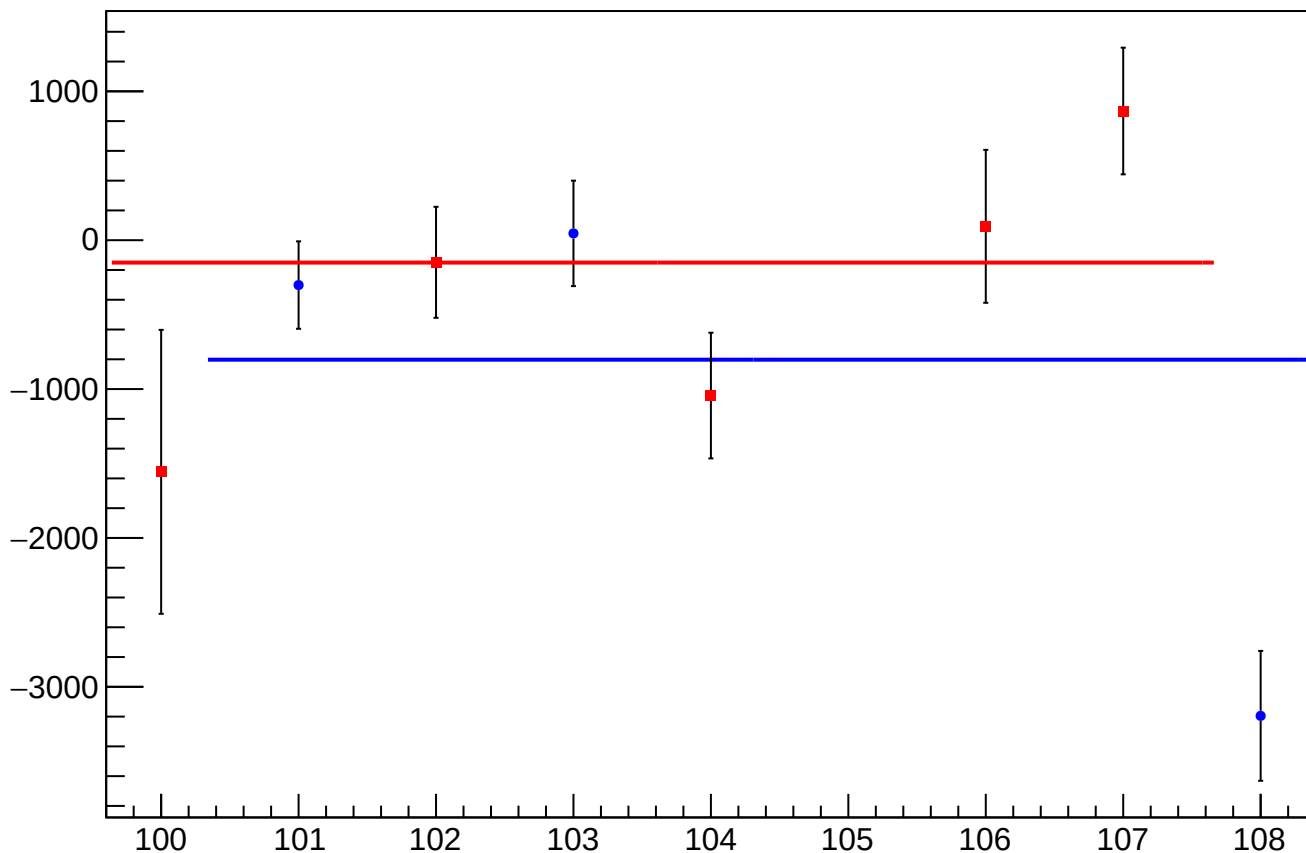
Right: 1.432+/-0.001 χ^2/NDF : 1262384.3/7

In: 1.431+/-0.001 χ^2/NDF : 783548.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.432+/-0.001 χ^2/NDF : 1262384.3/7

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: -802.566+/-200.710 χ^2/NDF : 38.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -150.350+/-207.505 χ^2/NDF : 12.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

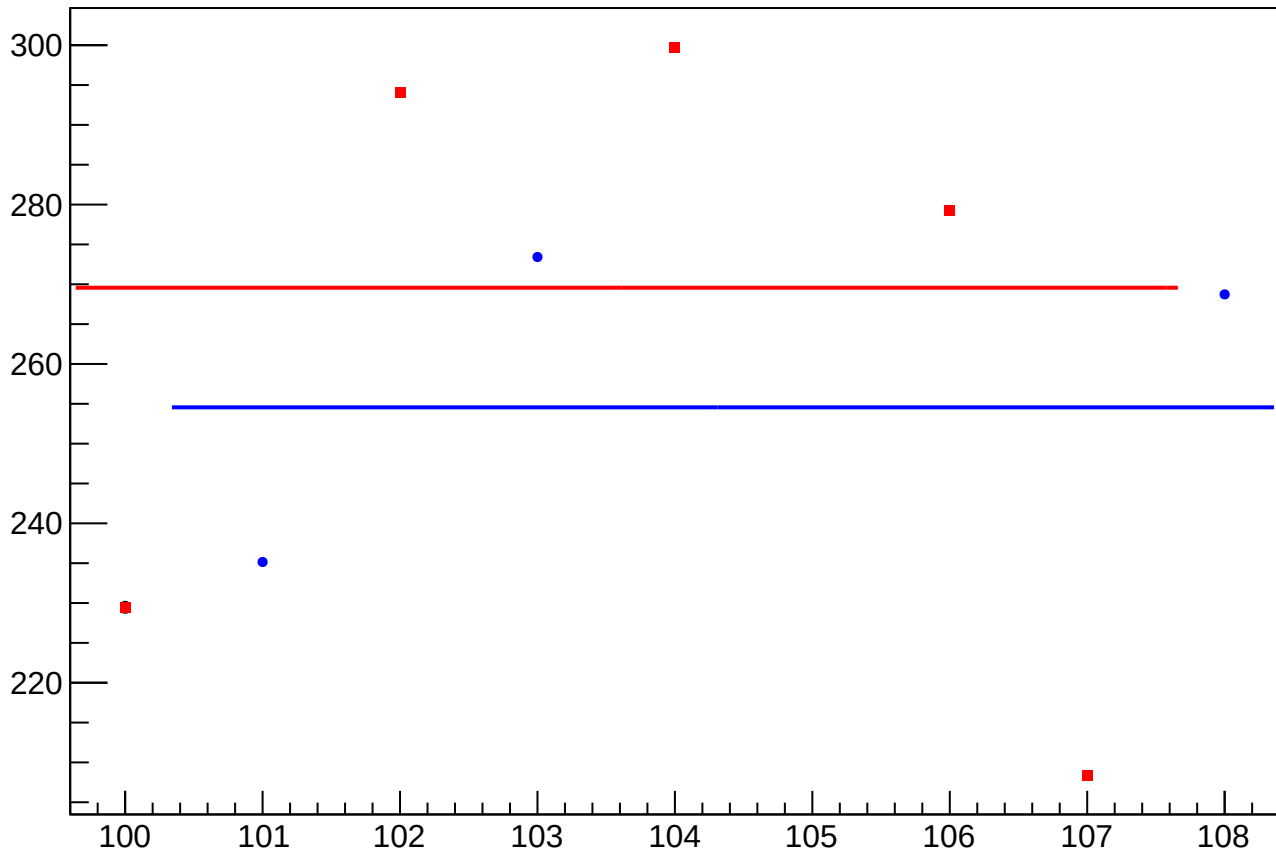
Right: -487.312+/-144.266 χ^2/NDF : 56.4/7

In: -802.566+/-200.710 χ^2/NDF : 38.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -487.312+/-144.266 χ^2/NDF : 56.4/7

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 254.557 $\pm$ 0.142 χ^2 /NDF: 16521.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 269.568 $\pm$ 0.147 χ^2 /NDF: 64479.5/4

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

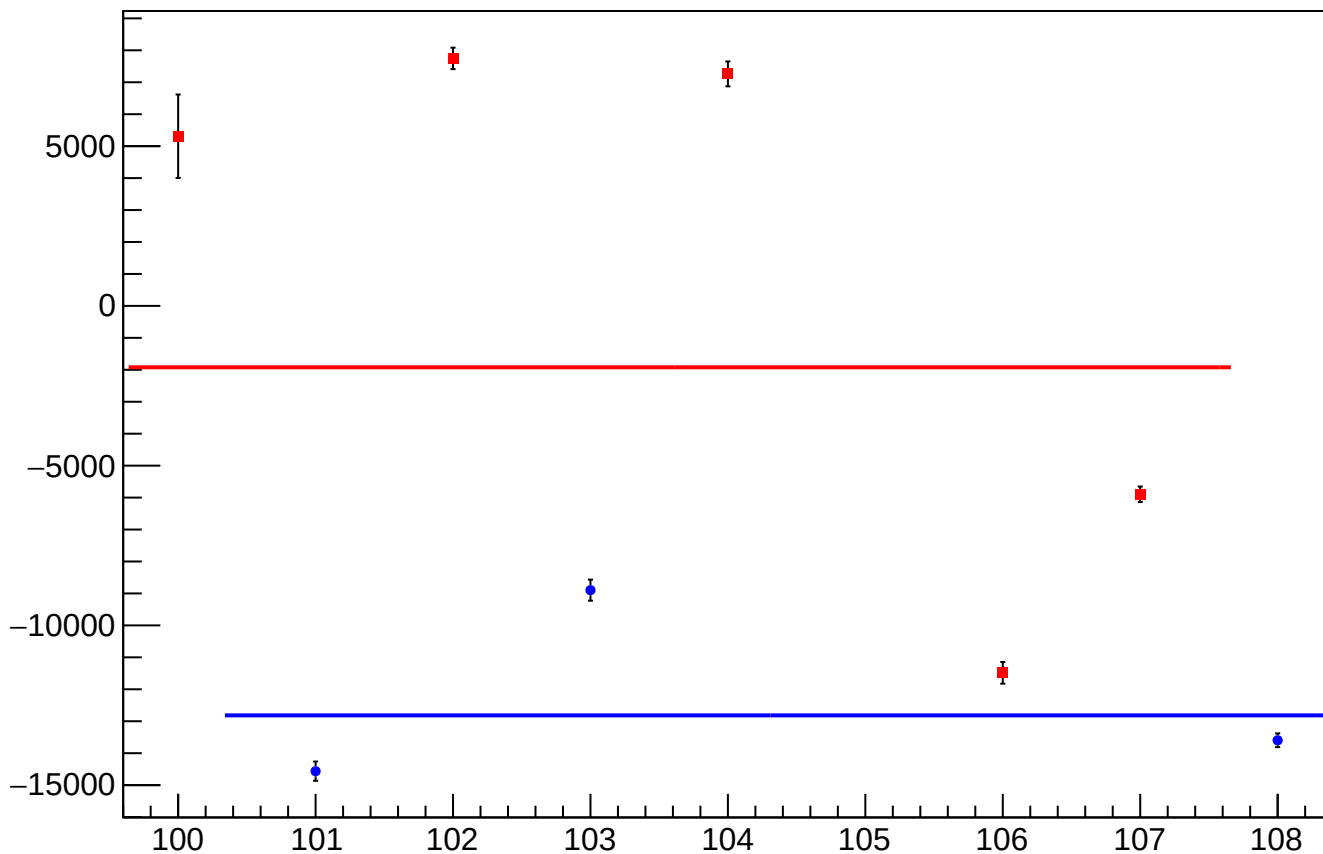
Right: 261.813 $\pm$ 0.102 χ^2 /NDF: 86407.8/7

In: 254.557 $\pm$ 0.142 χ^2 /NDF:16521.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 261.813 $\pm$ 0.102 χ^2 /NDF: 86407.8/7

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: -12816.630+/-154.517 χ^2/NDF : 188.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1921.480+/-154.774 χ^2/NDF : 2473.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

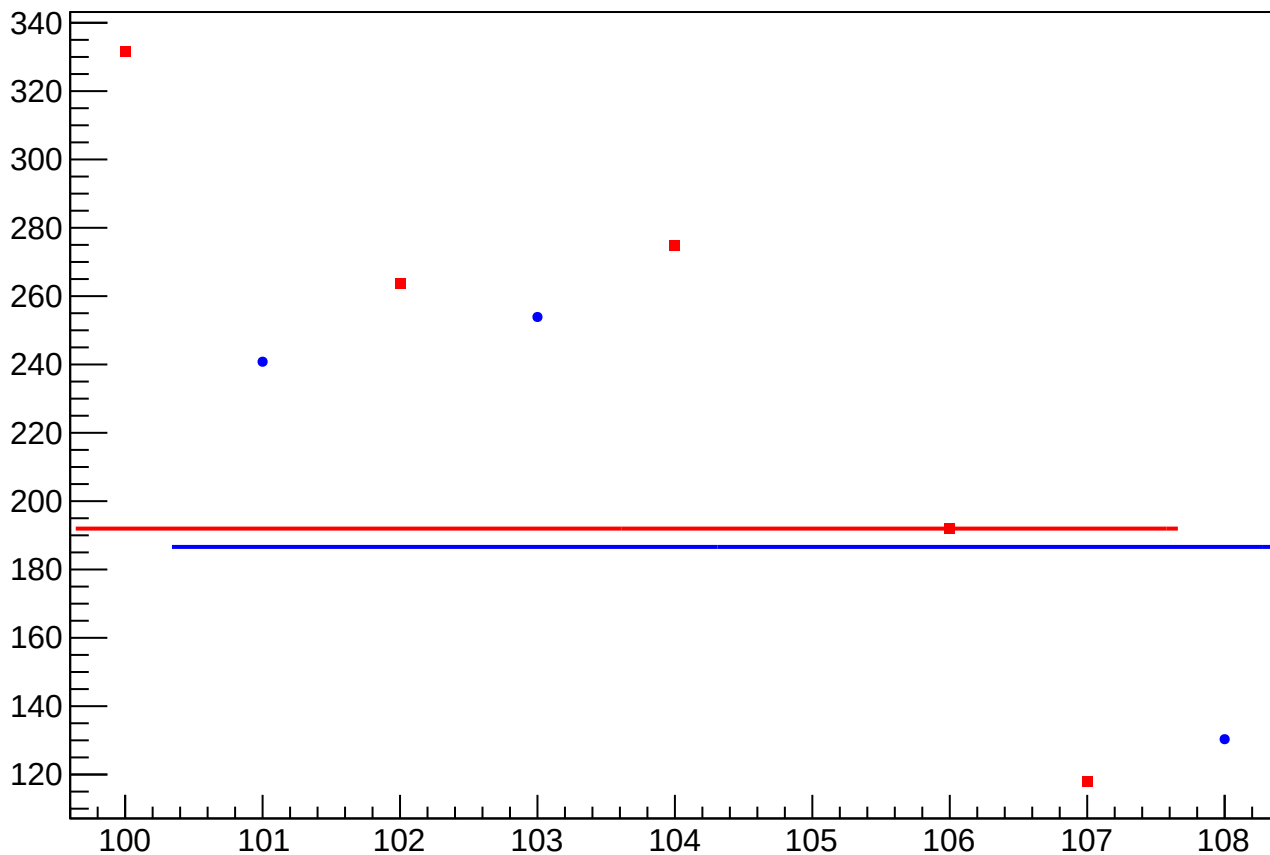
Right: -7378.120+/-109.351 χ^2/NDF : 5143.8/7

In: -12816.630+/-154.517 χ^2/NDF : 188.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7378.120+/-109.351 χ^2/NDF : 5143.8/7

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 186.607 $\pm$ 0.109 χ^2 /NDF: 285305.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 191.970 $\pm$ 0.109 χ^2 /NDF: 390847.3/4

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

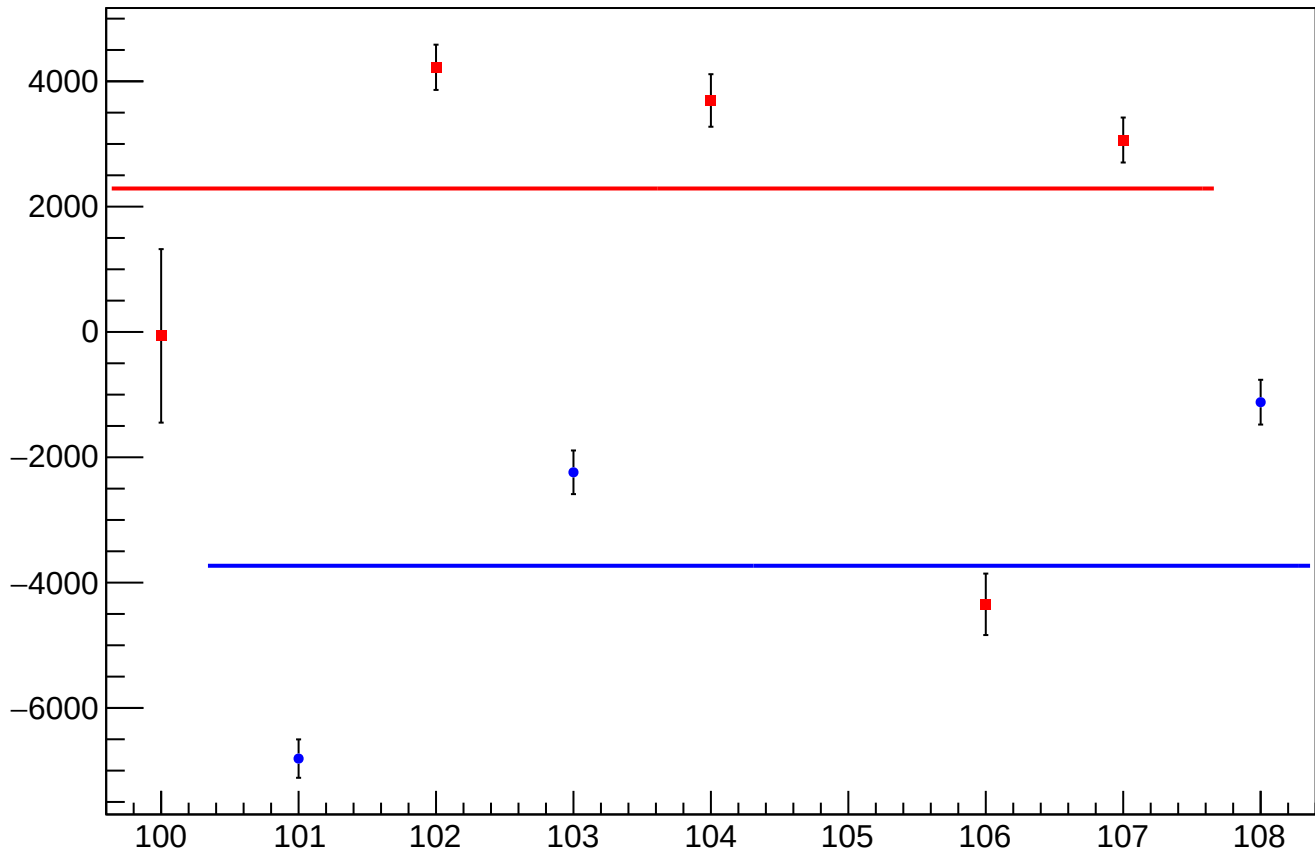
Right: 189.284 $\pm$ 0.077 χ^2 /NDF: 677355.7/7

In: 186.607 $\pm$ 0.109 χ^2 /NDF: 285305.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 189.284 $\pm$ 0.077 χ^2 /NDF: 677355.7/7

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: -3730.898 $\pm$ 193.447 χ^2 /NDF: 172.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2289.394 $\pm$ 196.868 χ^2 /NDF: 230.6/4

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

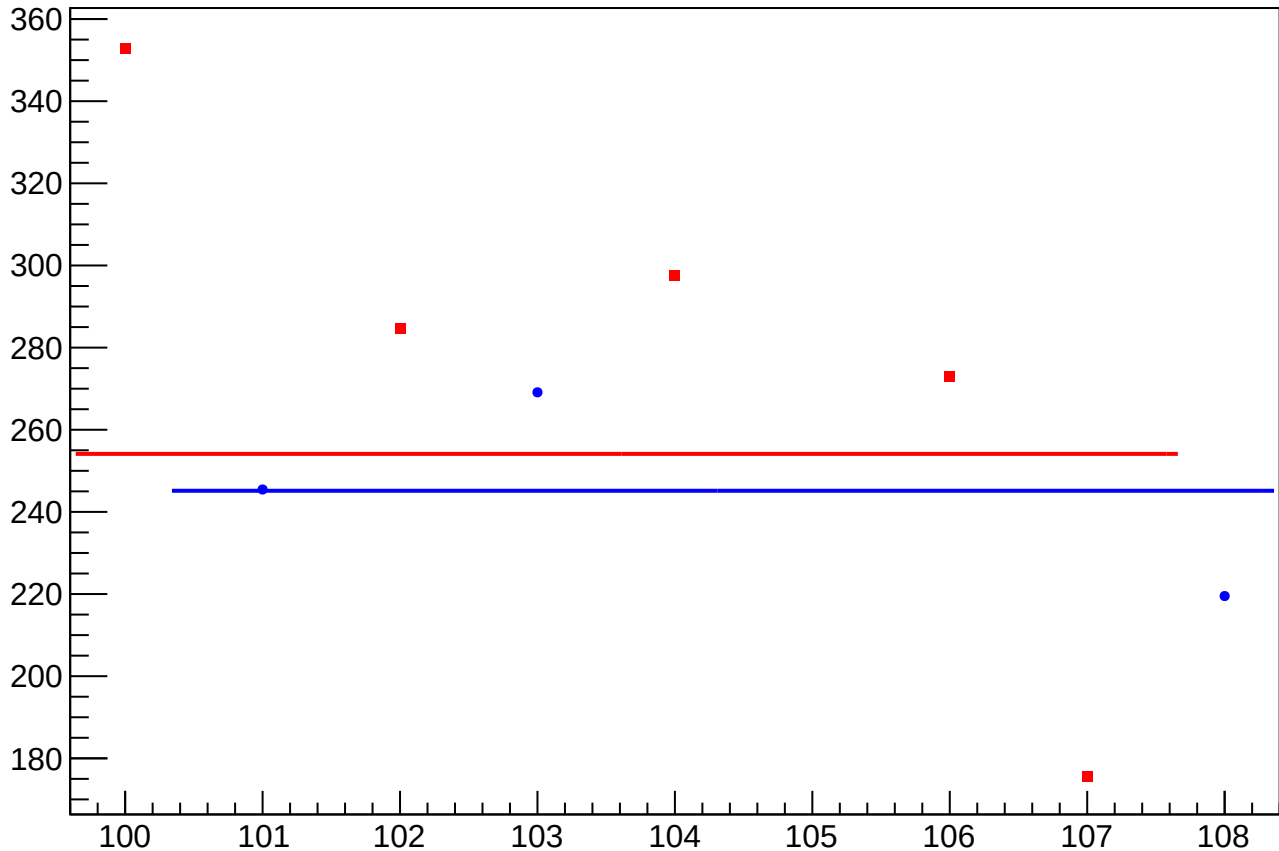
Right: -773.506 $\pm$ 137.981 χ^2 /NDF: 878.9/7

In: -3730.898 $\pm$ 193.447 χ^2 /NDF:172.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -773.506 $\pm$ 137.981 χ^2 /NDF: 878.9/7

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 245.147 $\pm$ 0.137 χ^2 /NDF: 19768.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 254.126 $\pm$ 0.139 χ^2 /NDF: 144763.9/4

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

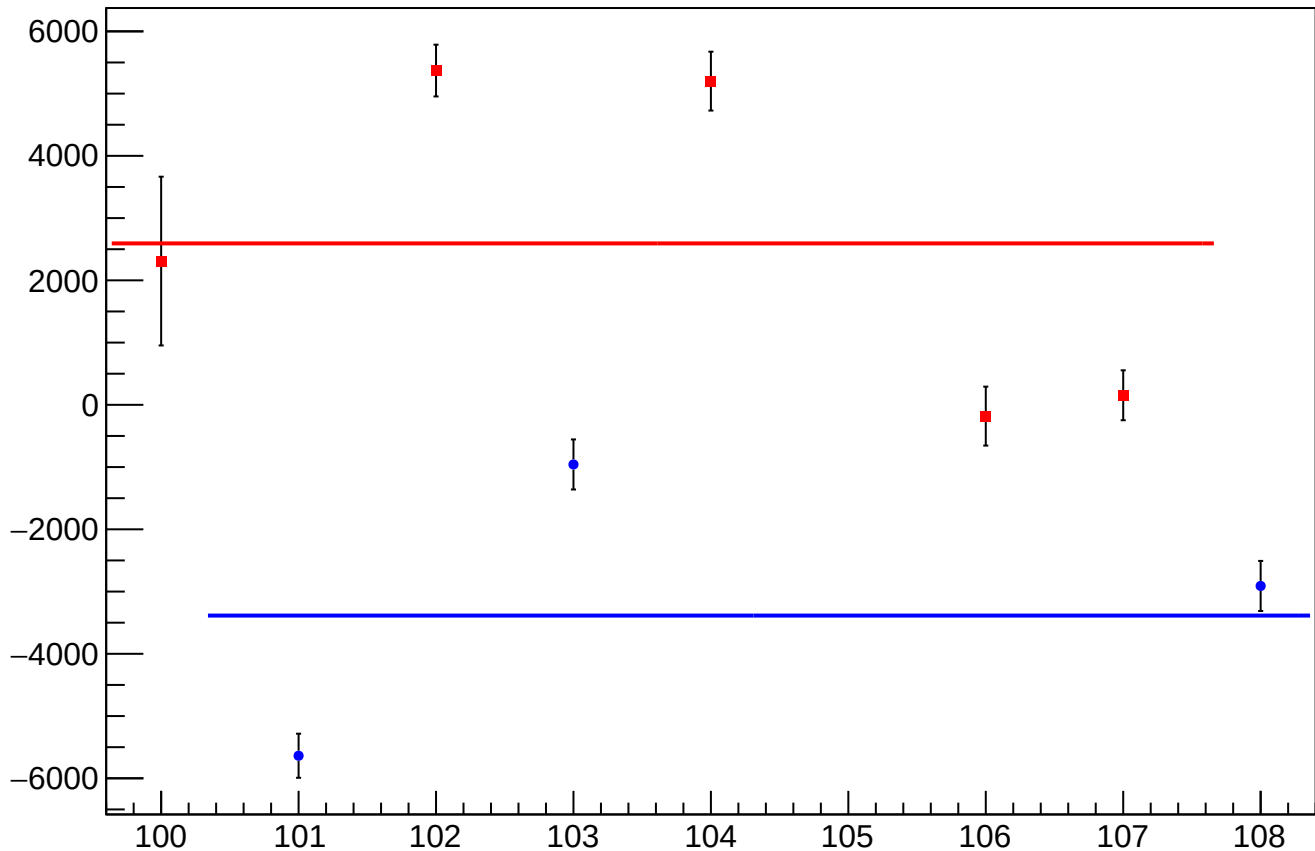
Right: 249.558 $\pm$ 0.098 χ^2 /NDF: 166649.4/7

In: 245.147 $\pm$ 0.137 χ^2 /NDF:19768.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 249.558 $\pm$ 0.098 χ^2 /NDF: 166649.4/7

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: -3385.613 $\pm$ 221.801 χ^2 /NDF: 78.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2593.434 $\pm$ 215.813 χ^2 /NDF: 146.3/4

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

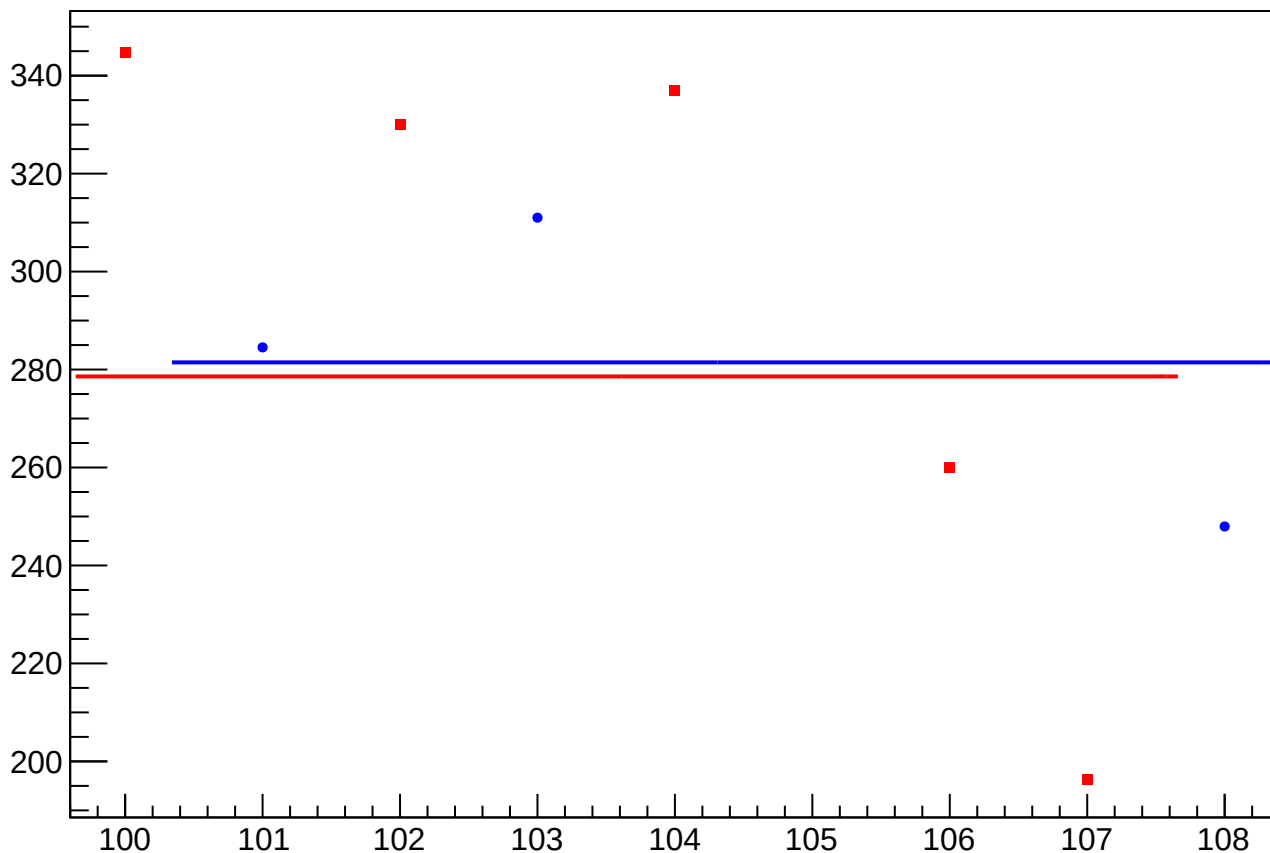
Right: -314.291 $\pm$ 154.676 χ^2 /NDF: 597.8/7

In: -3385.613 $\pm$ 221.801 χ^2 /NDF:78.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -314.291 $\pm$ 154.676 χ^2 /NDF: 597.8/7

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 281.462 $\pm$ 0.157 χ^2 /NDF: 24811.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 278.591 $\pm$ 0.153 χ^2 /NDF: 153138.5/4

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

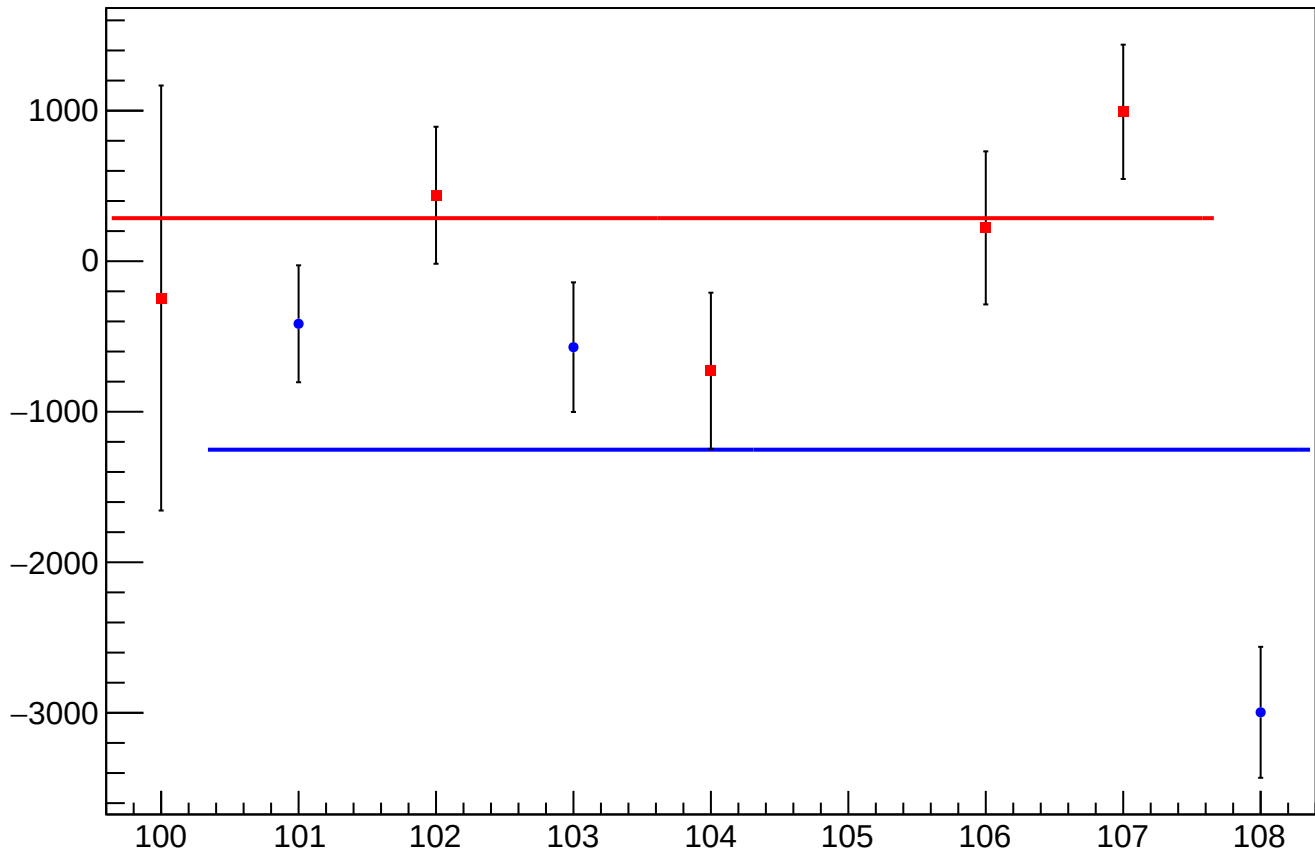
Right: 279.987 $\pm$ 0.109 χ^2 /NDF: 178121.8/7

In: 281.462 $\pm$ 0.157 χ^2 /NDF:24811.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 279.987 $\pm$ 0.109 χ^2 /NDF: 178121.8/7

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -1252.016 $\pm$ 240.362 χ^2 /NDF: 23.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 285.935 $\pm$ 236.083 χ^2 /NDF: 6.6/4

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

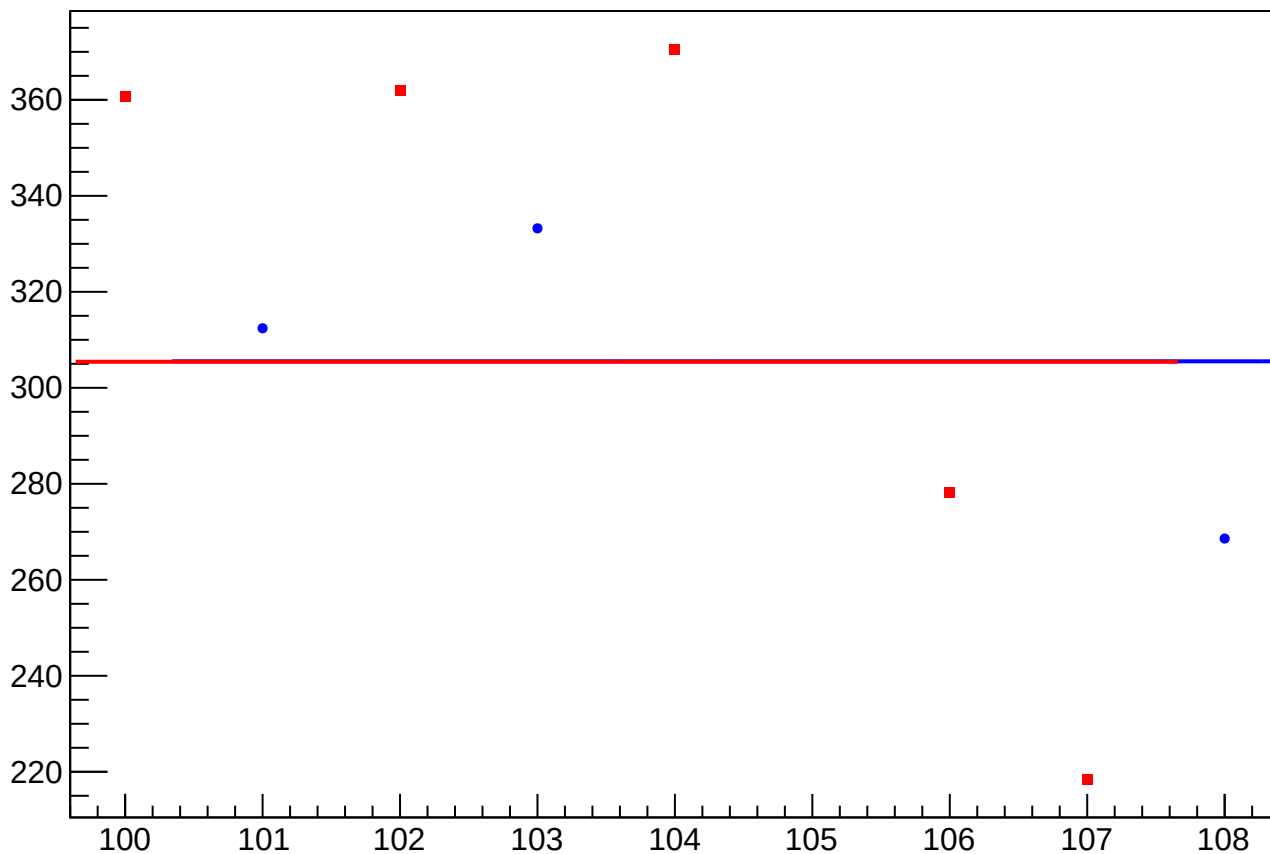
Right: -469.230 $\pm$ 168.428 χ^2 /NDF: 50.7/7

In: -1252.016 $\pm$ 240.362 χ^2 /NDF:23.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -469.230 $\pm$ 168.428 χ^2 /NDF: 50.7/7

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 305.522+/-0.170 χ^2/NDF : 23326.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 305.432+/-0.167 χ^2/NDF : 147298.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

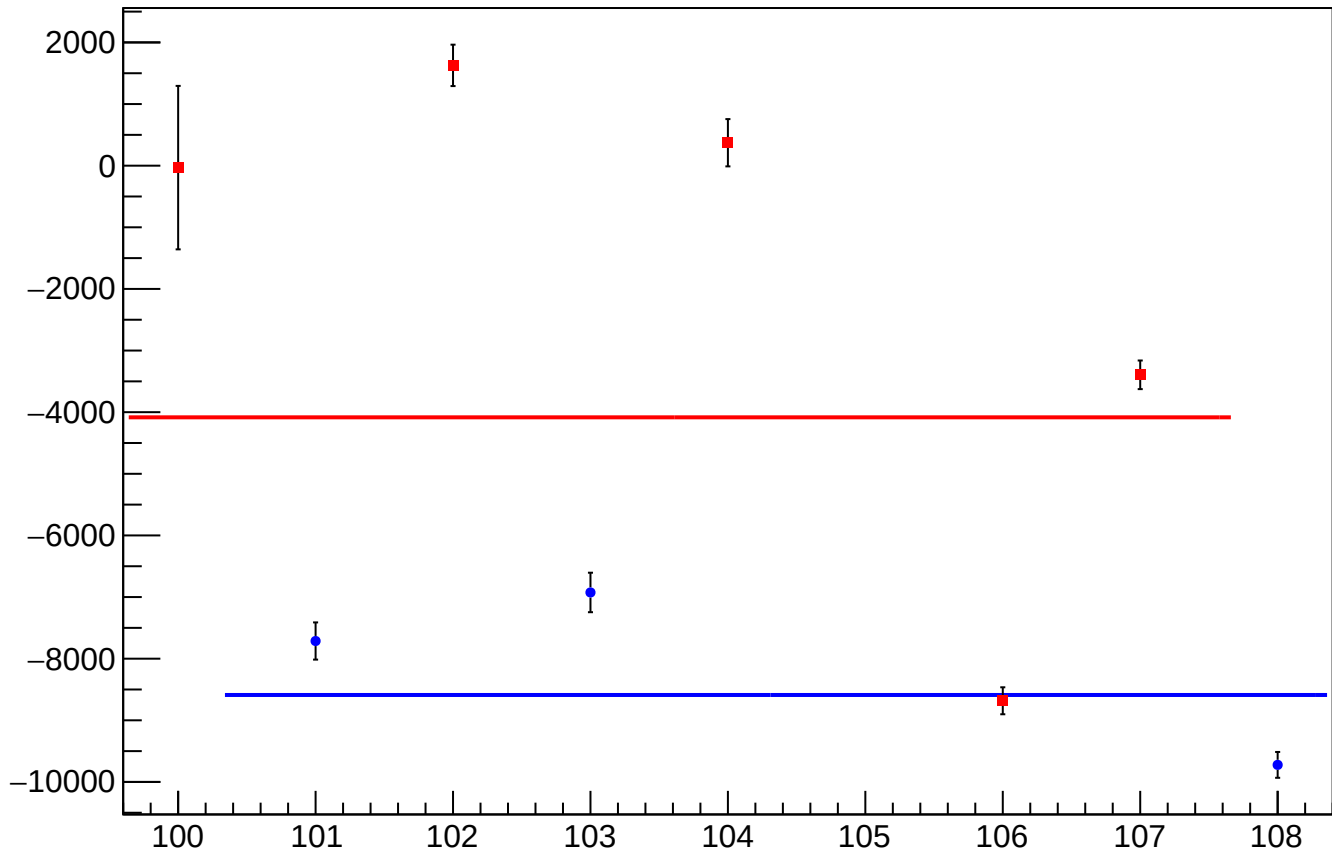
Right: 305.476+/-0.119 χ^2/NDF : 170625.0/7

In: 305.522+/-0.170 χ^2/NDF : 23326.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 305.476+/-0.119 χ^2/NDF : 170625.0/7

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -8588.949 $\pm$ 151.675 χ^2 /NDF: 64.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -4083.636 $\pm$ 134.058 χ^2 /NDF: 883.7/4

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

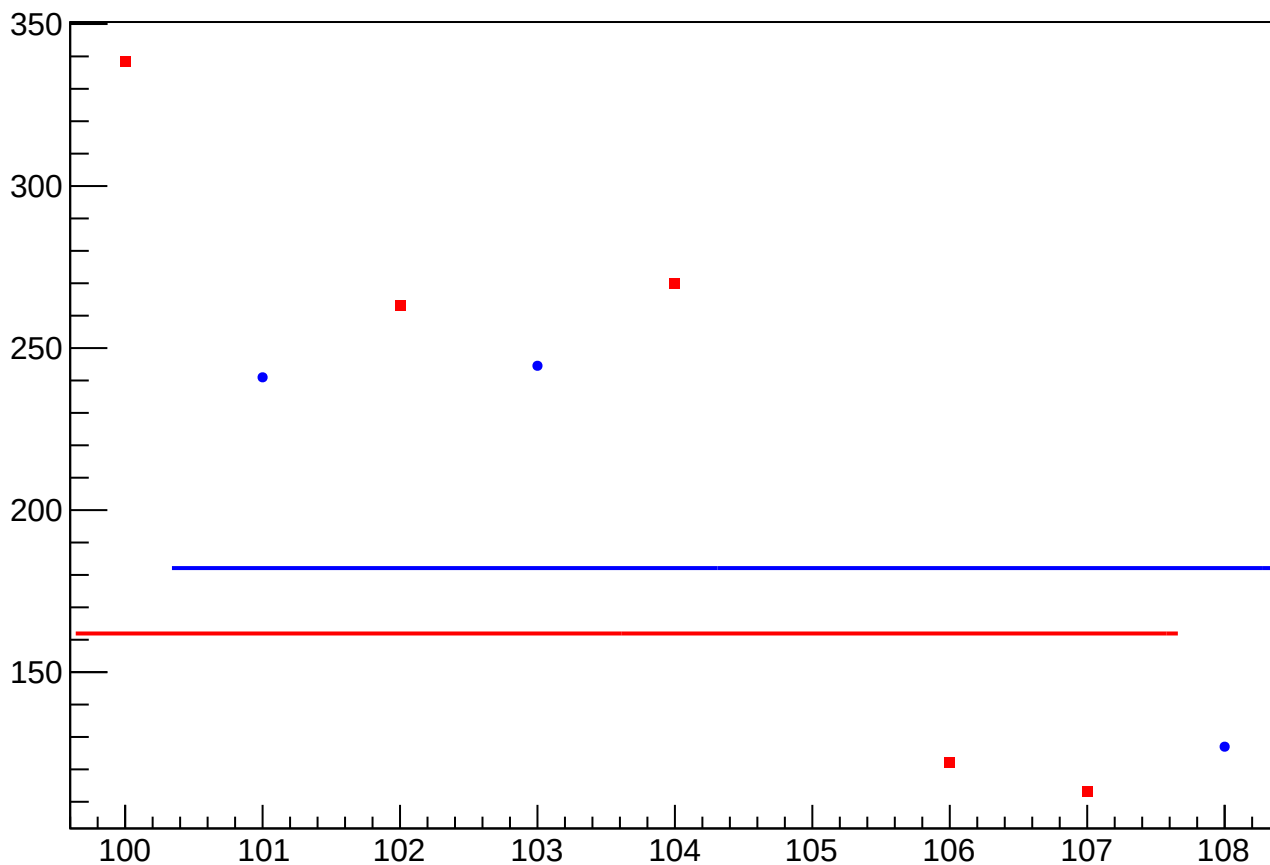
Right: -6059.571 $\pm$ 100.447 χ^2 /NDF: 1443.7/7

In: -8588.949 $\pm$ 151.675 χ^2 /NDF:64.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -6059.571 $\pm$ 100.447 χ^2 /NDF: 1443.7/7

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 182.114+/-0.107 χ^2/NDF : 290189.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 161.930+/-0.095 χ^2/NDF : 529141.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

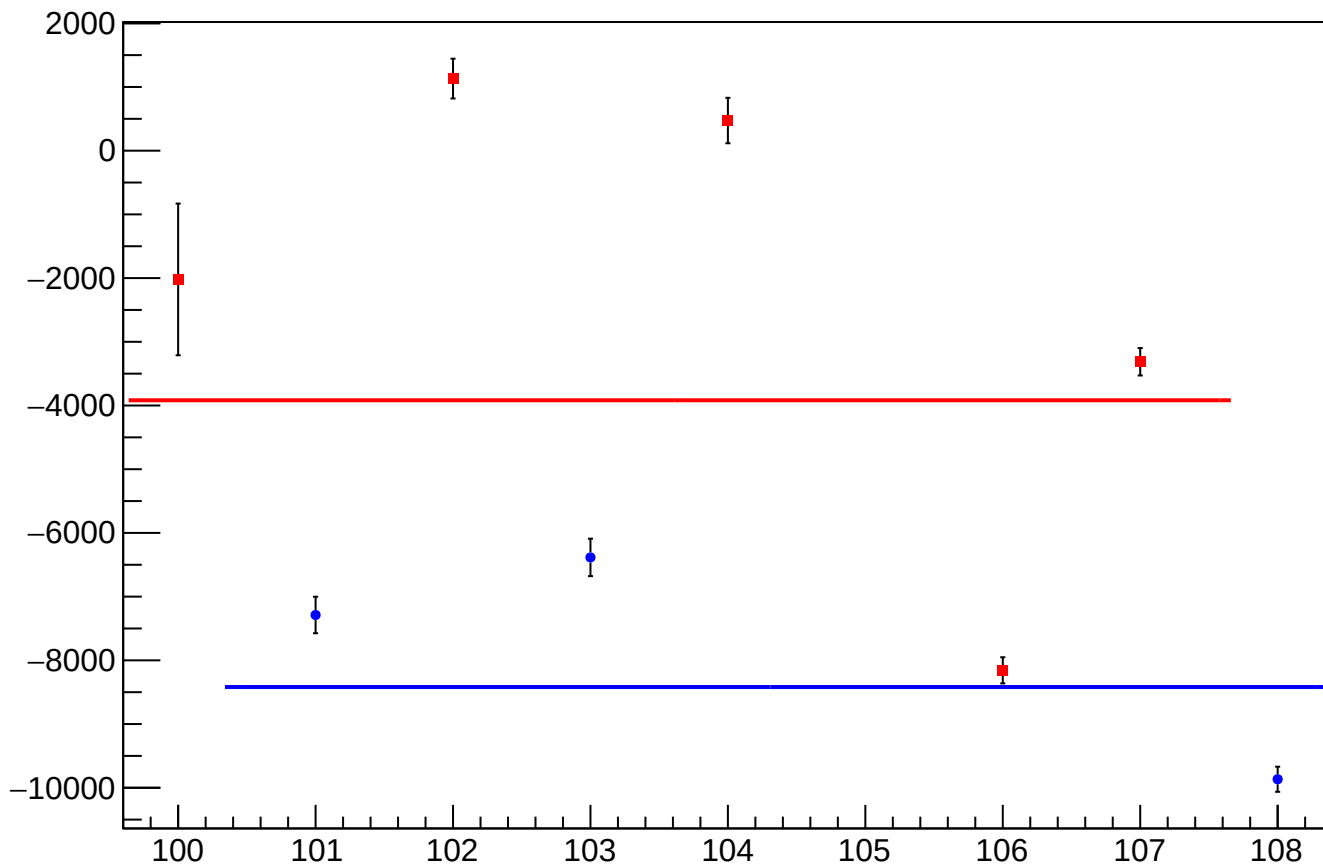
Right: 170.782+/-0.071 χ^2/NDF : 839213.9/7

In: 182.114+/-0.107 χ^2/NDF : 290189.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.782+/-0.071 χ^2/NDF : 839213.9/7

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -8419.130+/-142.144 χ^2/NDF : 117.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3918.011+/-124.875 χ^2/NDF : 849.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

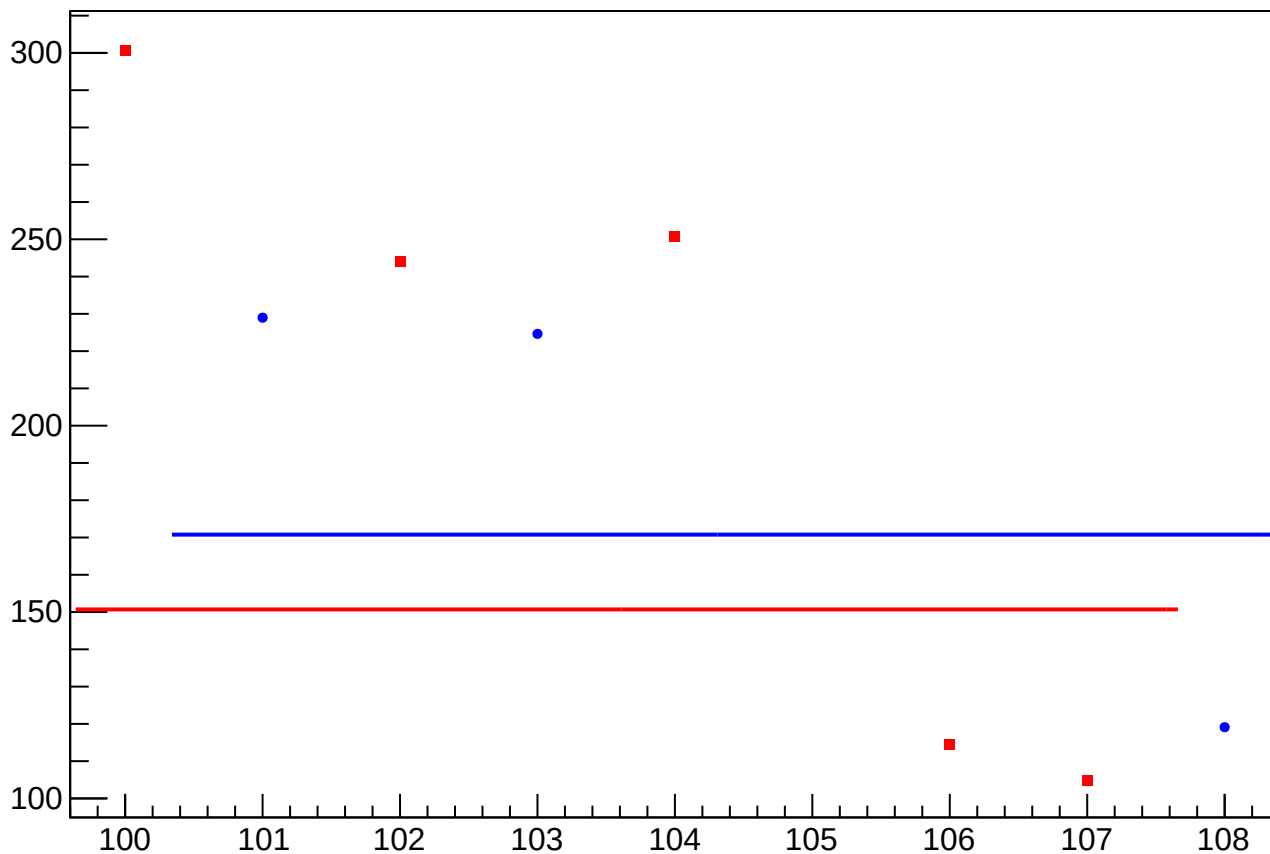
Right: -5878.670+/-93.815 χ^2/NDF : 1533.1/7

In: -8419.130+/-142.144 χ^2/NDF : 117.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5878.670+/-93.815 χ^2/NDF : 1533.1/7

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 170.773+/-0.101 χ^2/NDF : 287030.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.710+/-0.088 χ^2/NDF : 520399.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

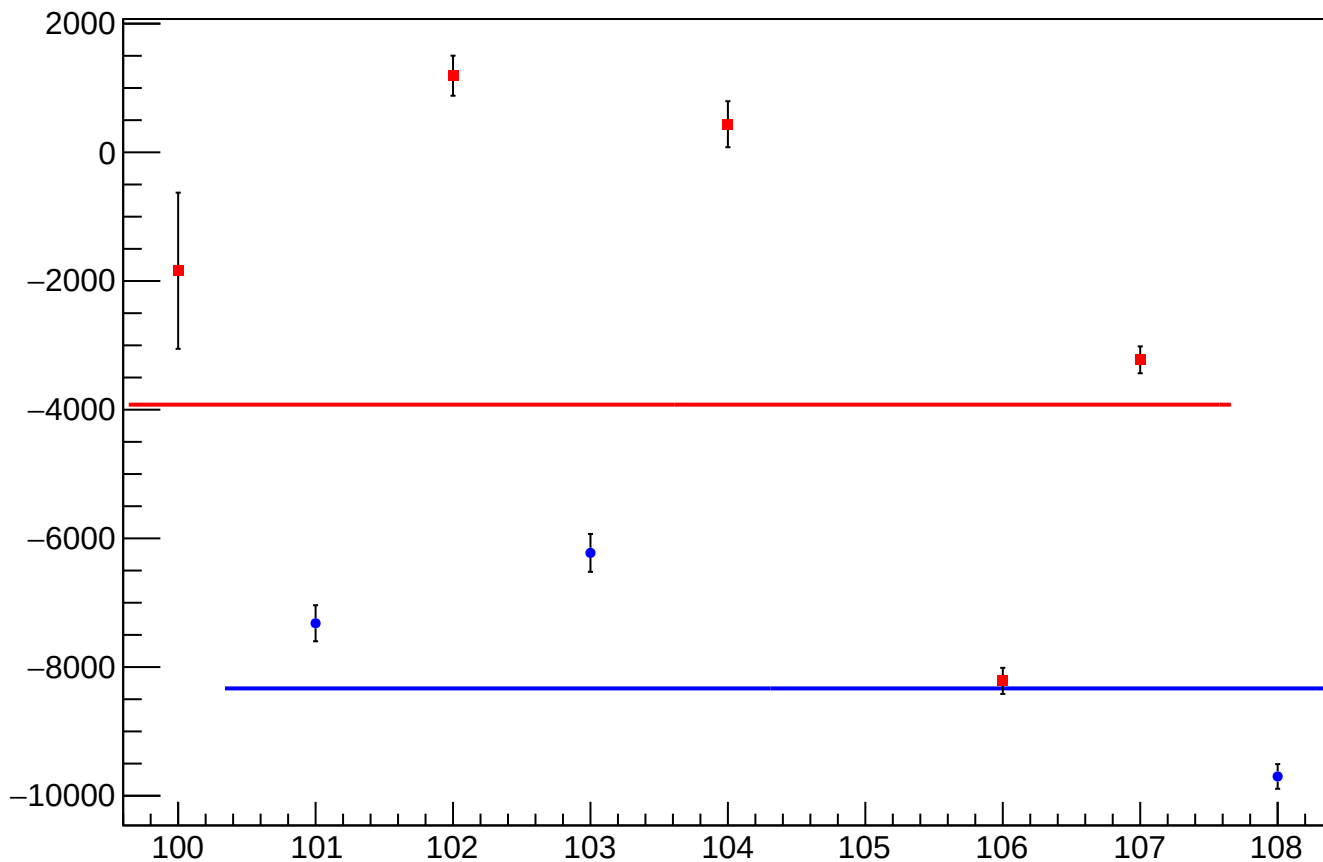
Right: 159.449+/-0.066 χ^2/NDF : 829917.6/7

In: 170.773+/-0.101 χ^2/NDF : 287030.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.449+/-0.066 χ^2/NDF : 829917.6/7

asym_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: -8331.567+/-139.422 χ^2/NDF : 115.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3921.618+/-122.997 χ^2/NDF : 880.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

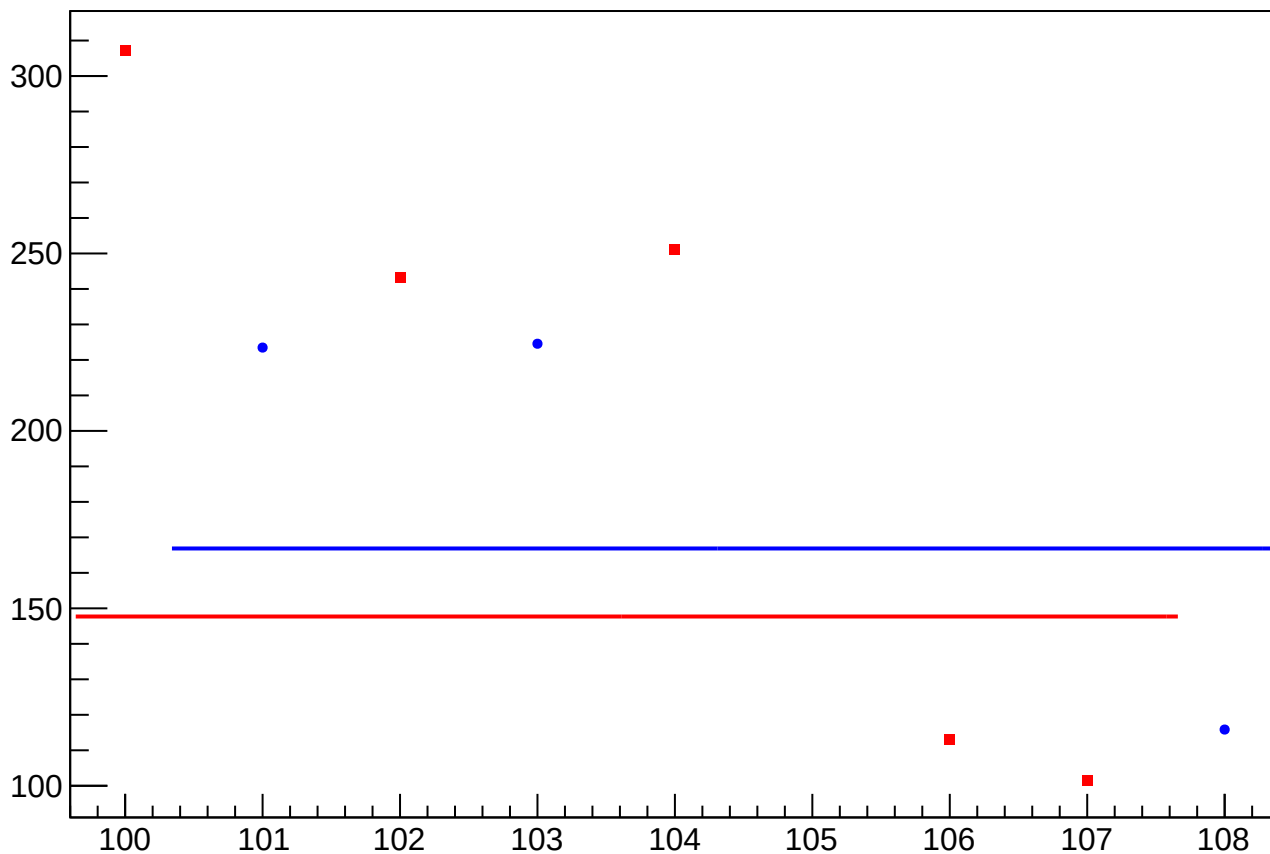
Right: -5851.645+/-92.235 χ^2/NDF : 1558.1/7

In: -8331.567+/-139.422 χ^2/NDF : 115.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5851.645+/-92.235 χ^2/NDF : 1558.1/7

asym_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 166.870+/-0.099 χ^2/NDF : 299910.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.700+/-0.087 χ^2/NDF : 545686.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

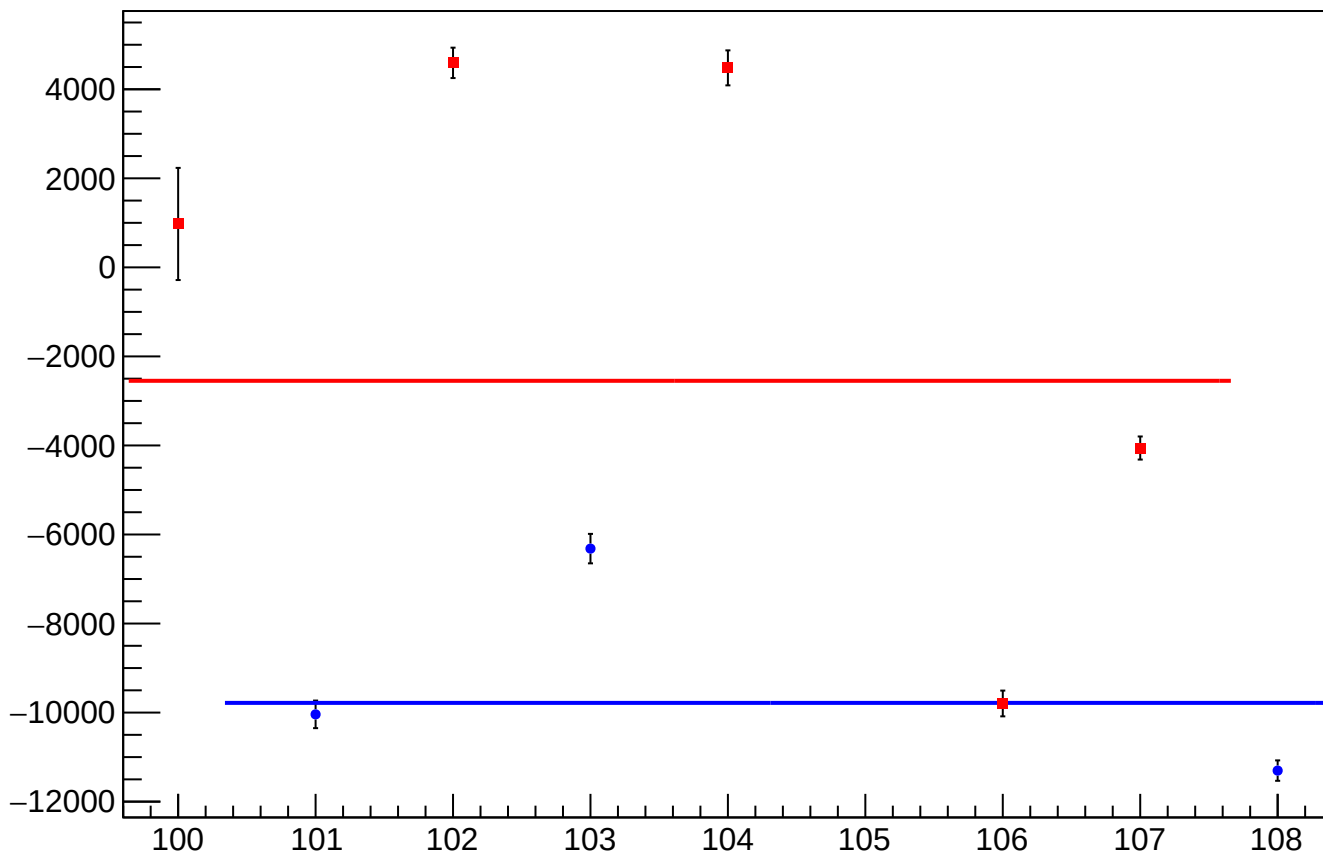
Right: 156.090+/-0.065 χ^2/NDF : 866859.8/7

In: 166.870+/-0.099 χ^2/NDF : 299910.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.090+/-0.065 χ^2/NDF : 866859.8/7

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: -9782.156+/-160.987 χ^2/NDF : 154.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2548.033+/-153.342 χ^2/NDF : 1427.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

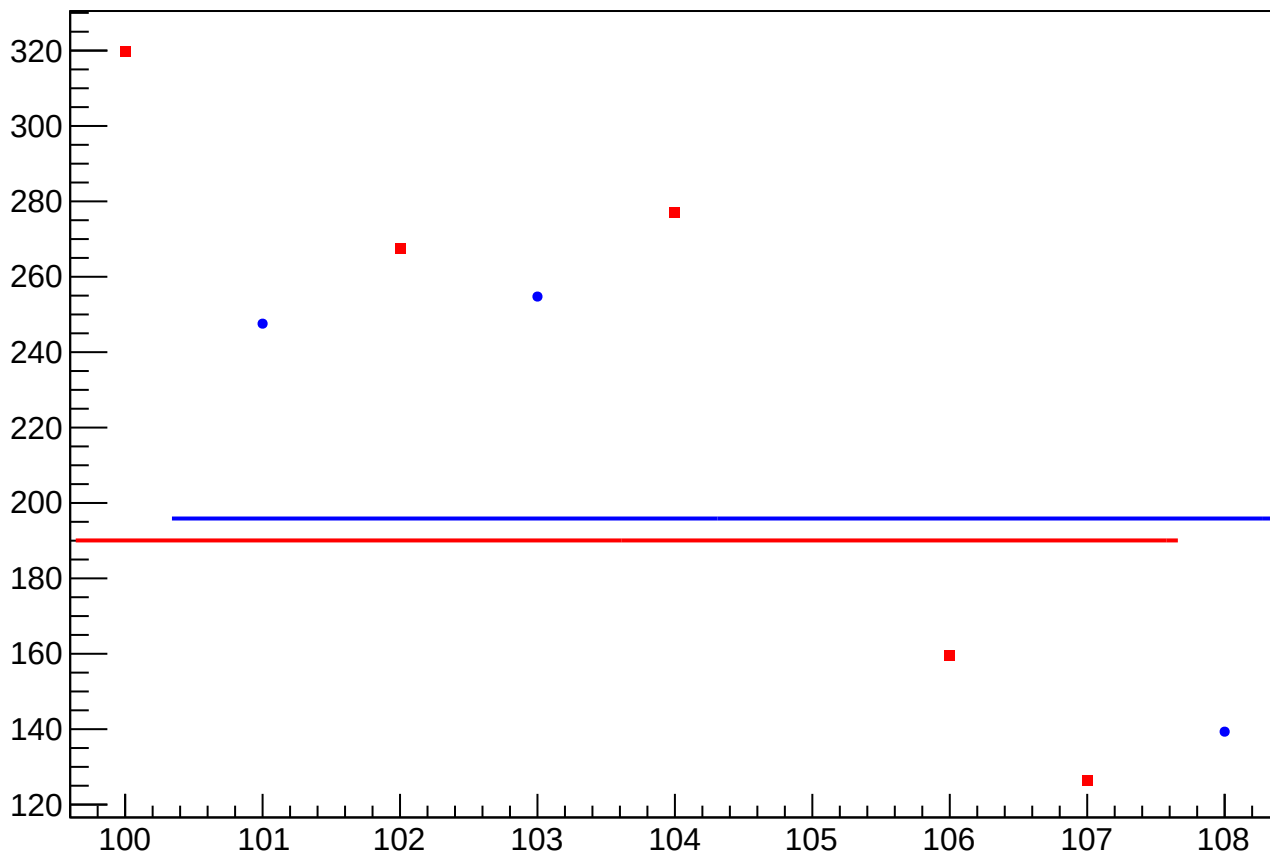
Right: -5989.243+/-111.034 χ^2/NDF : 2640.4/7

In: -9782.156+/-160.987 χ^2/NDF : 154.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5989.243+/-111.034 χ^2/NDF : 2640.4/7

asym_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 195.878+/-0.114 χ^2/NDF : 240651.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 190.061+/-0.108 χ^2/NDF : 364562.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

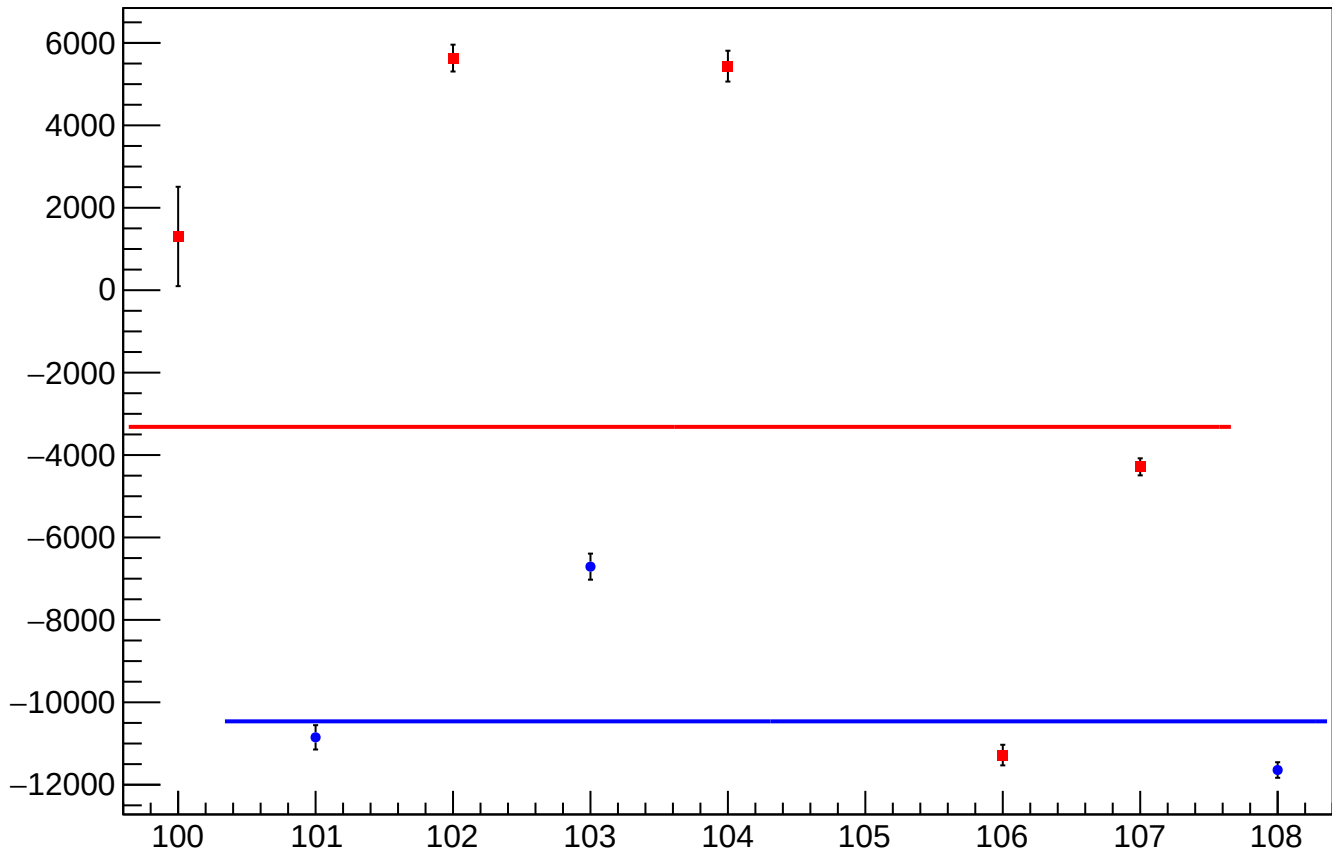
Right: 192.828+/-0.079 χ^2/NDF : 606583.4/7

In: 195.878+/-0.114 χ^2/NDF : 240651.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 192.828+/-0.079 χ^2/NDF : 606583.4/7

asym_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: -10461.834+/-142.156 χ^2/NDF : 181.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3316.279+/-132.898 χ^2/NDF : 2352.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

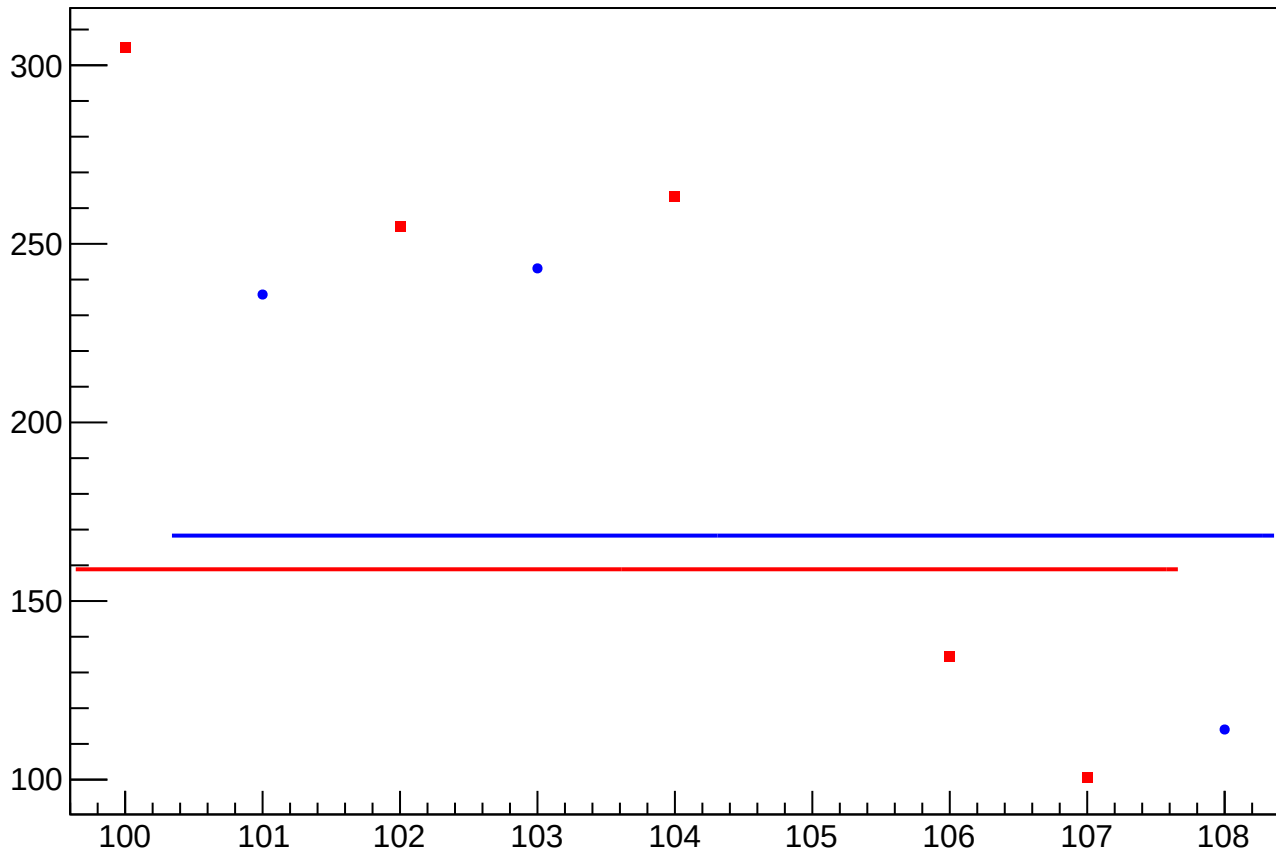
Right: -6648.831+/-97.081 χ^2/NDF : 3882.6/7

In: -10461.834+/-142.156 χ^2/NDF : 181.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6648.831+/-97.081 χ^2/NDF : 3882.6/7

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 168.319+/-0.101 χ^2/NDF : 381522.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.888+/-0.094 χ^2/NDF : 536105.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

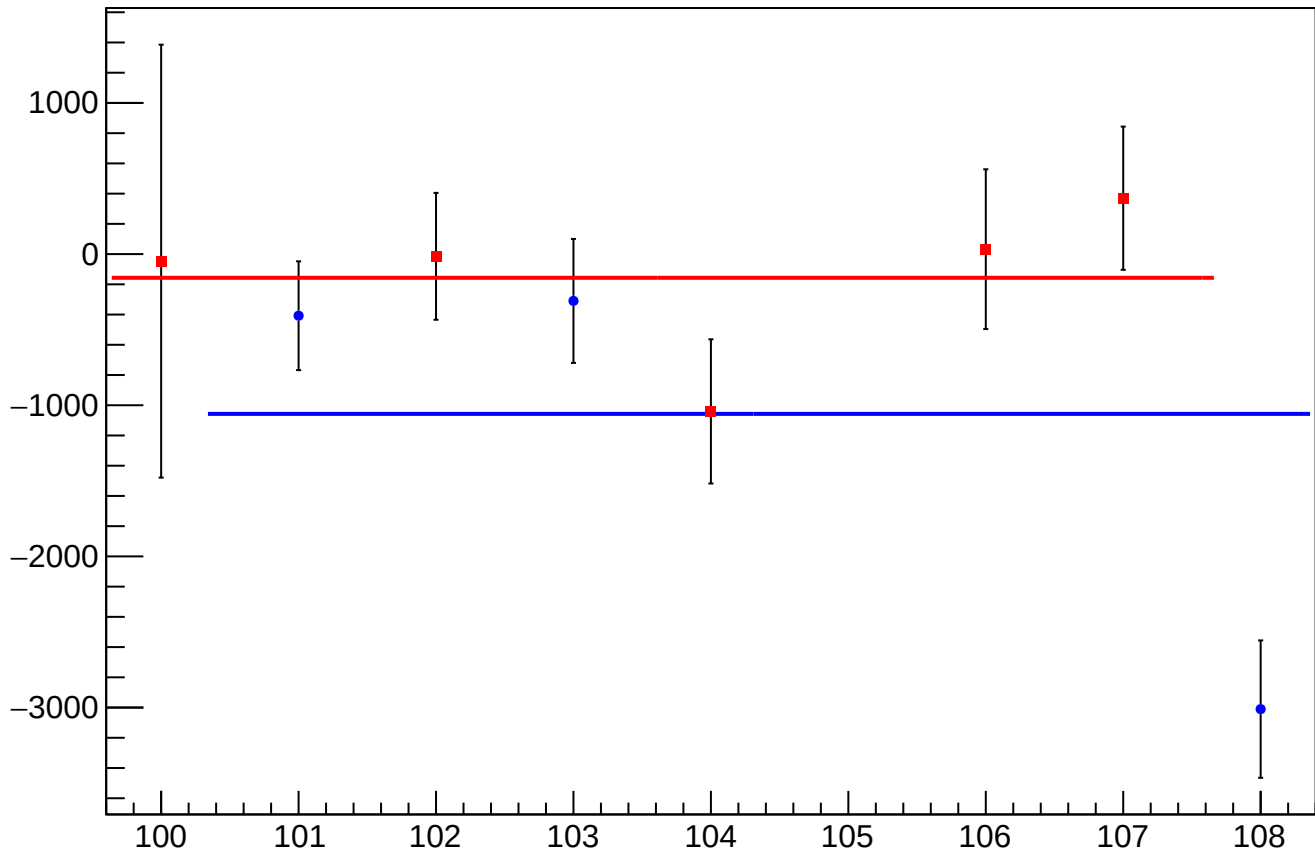
Right: 163.287+/-0.069 χ^2/NDF : 922324.6/7

In: 168.319+/-0.101 χ^2/NDF : 381522.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.287+/-0.069 χ^2/NDF : 922324.6/7

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -1057.097 $\pm$ 232.449 χ^2 /NDF: 25.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -156.702 $\pm$ 231.885 χ^2 /NDF: 4.9/4

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

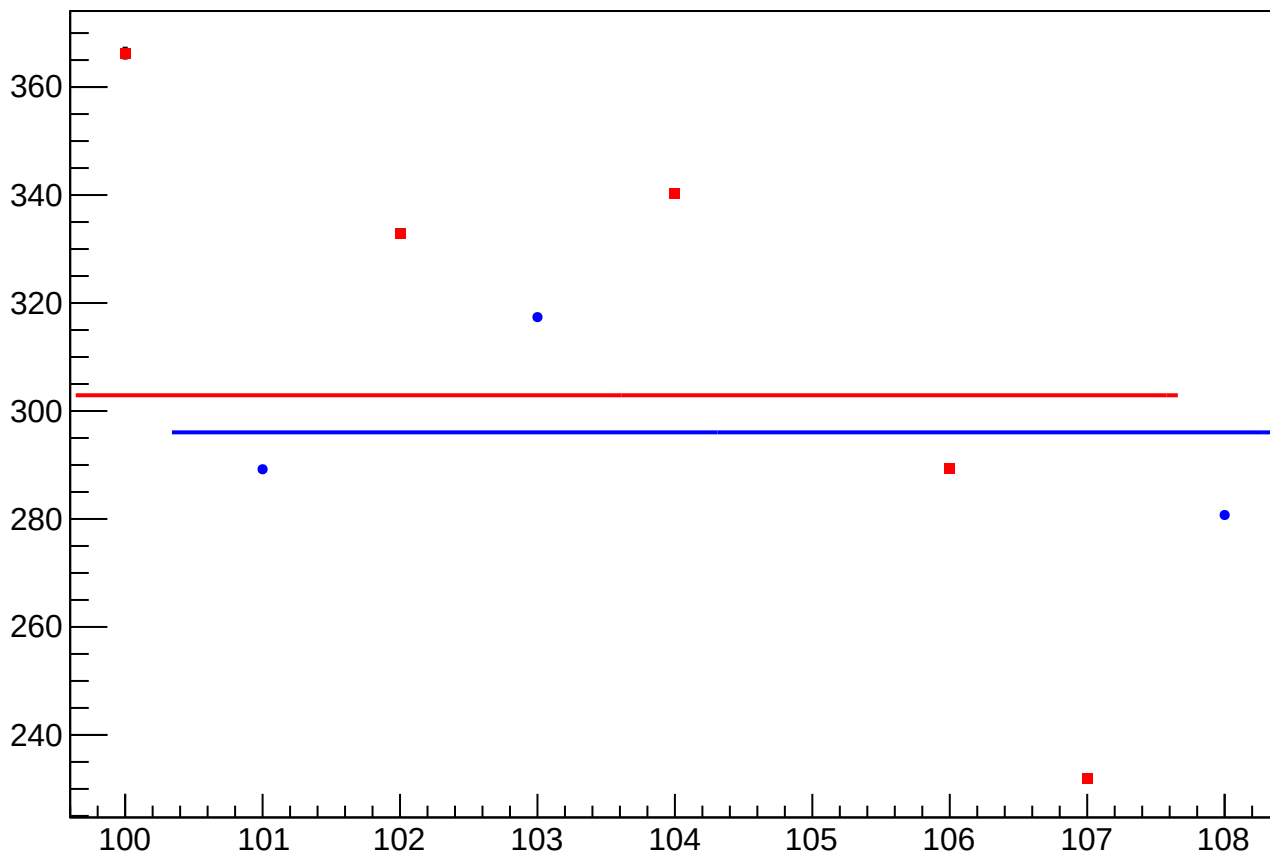
Right: -605.806 $\pm$ 164.167 χ^2 /NDF: 37.5/7

In: -1057.097 $\pm$ 232.449 χ^2 /NDF: 25.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -605.806 $\pm$ 164.167 χ^2 /NDF: 37.5/7

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 296.044+/-0.164 χ^2/NDF : 8405.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 302.913+/-0.164 χ^2/NDF : 72761.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

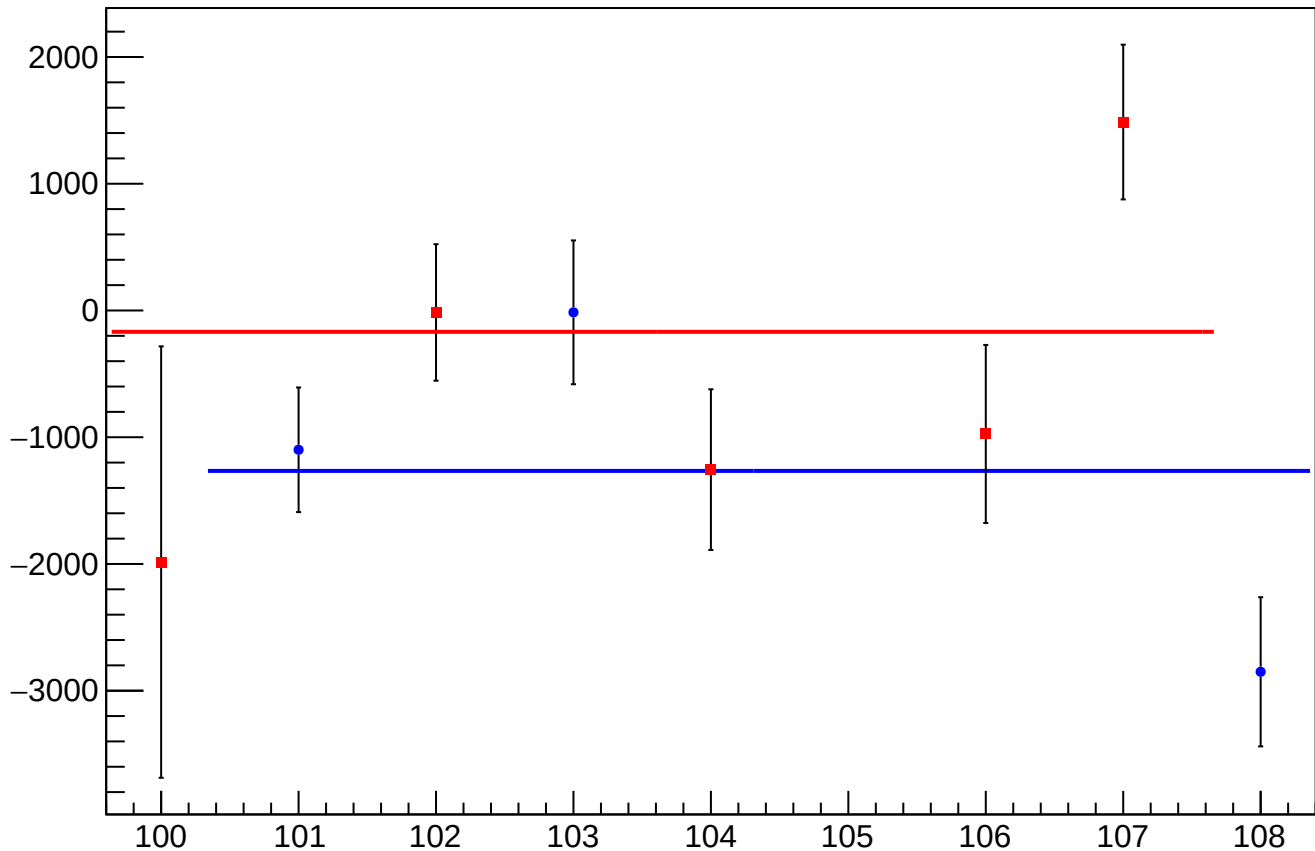
Right: 299.487+/-0.116 χ^2/NDF : 82042.4/7

In: 296.044+/-0.164 χ^2/NDF : 8405.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 299.487+/-0.116 χ^2/NDF : 82042.4/7

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: -1265.738+/-314.164 χ^2/NDF : 12.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -168.217+/-301.629 χ^2/NDF : 12.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

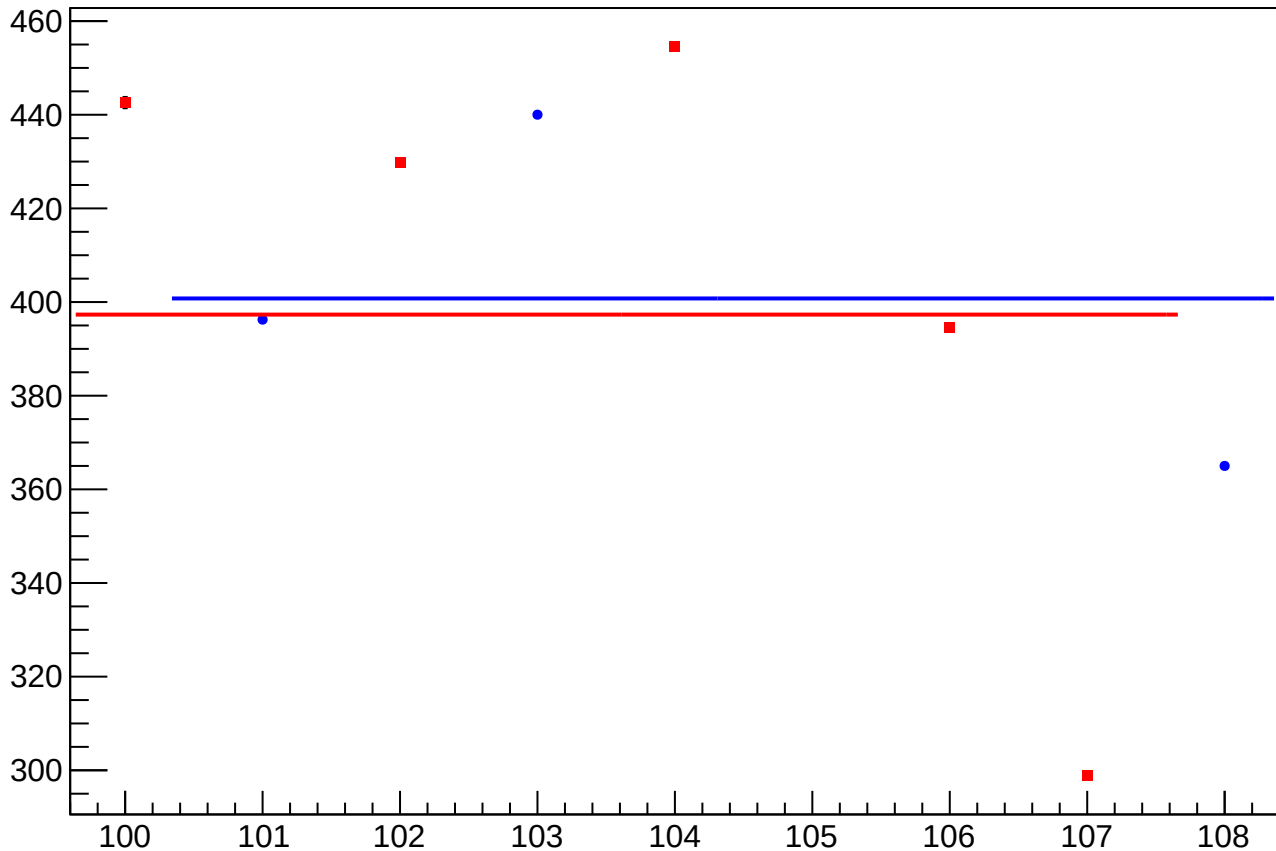
Right: -694.646+/-217.580 χ^2/NDF : 31.4/7

In: -1265.738+/-314.164 χ^2/NDF : 12.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -694.646+/-217.580 χ^2/NDF : 31.4/7

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 400.766 $\pm$ 0.222 χ^2 /NDF: 17127.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 397.319 $\pm$ 0.213 χ^2 /NDF: 77047.3/4

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

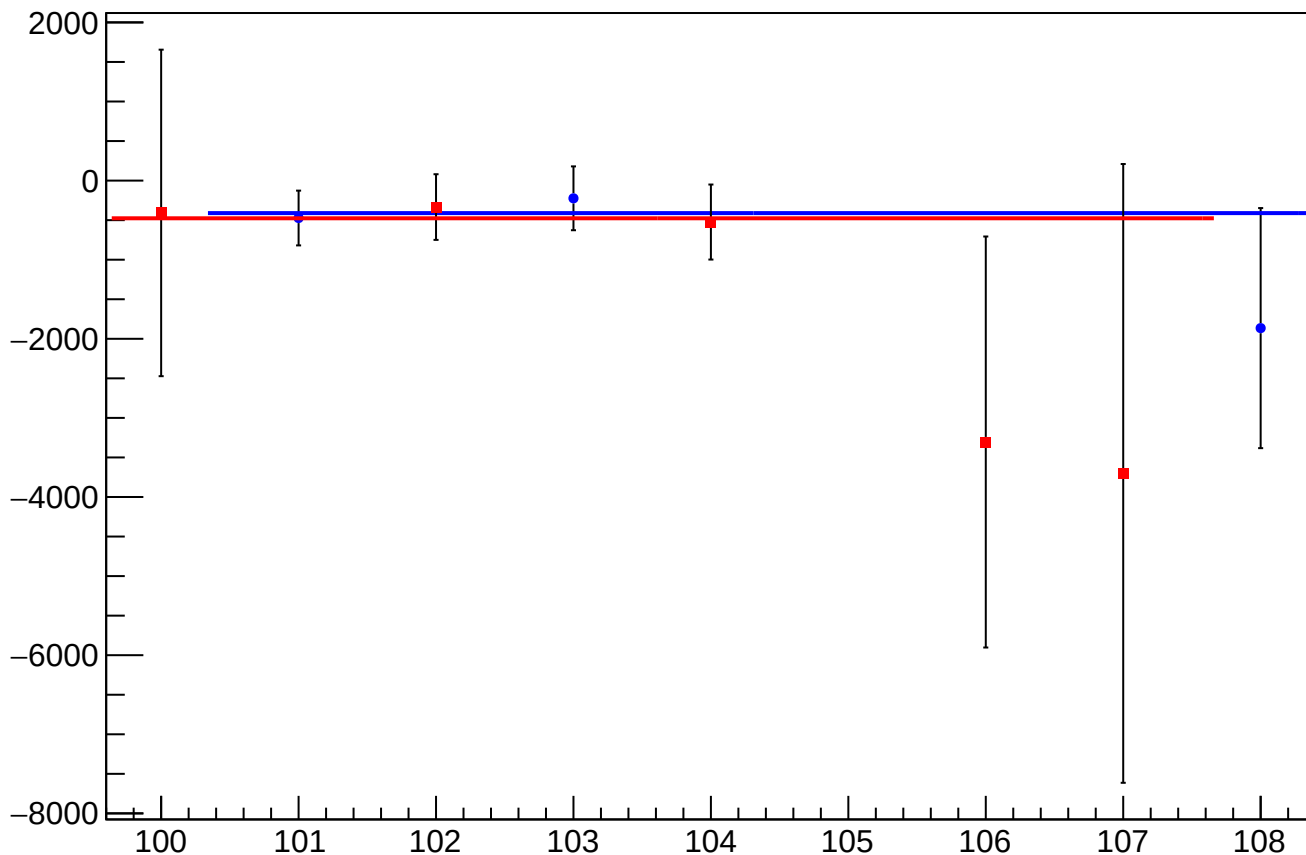
Right: 398.972 $\pm$ 0.154 χ^2 /NDF: 94299.5/7

In: 400.766 $\pm$ 0.222 χ^2 /NDF:17127.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 398.972 $\pm$ 0.154 χ^2 /NDF: 94299.5/7

asym_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: -410.905+/-258.935 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -476.495+/-305.727 χ^2/NDF : 2.0/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

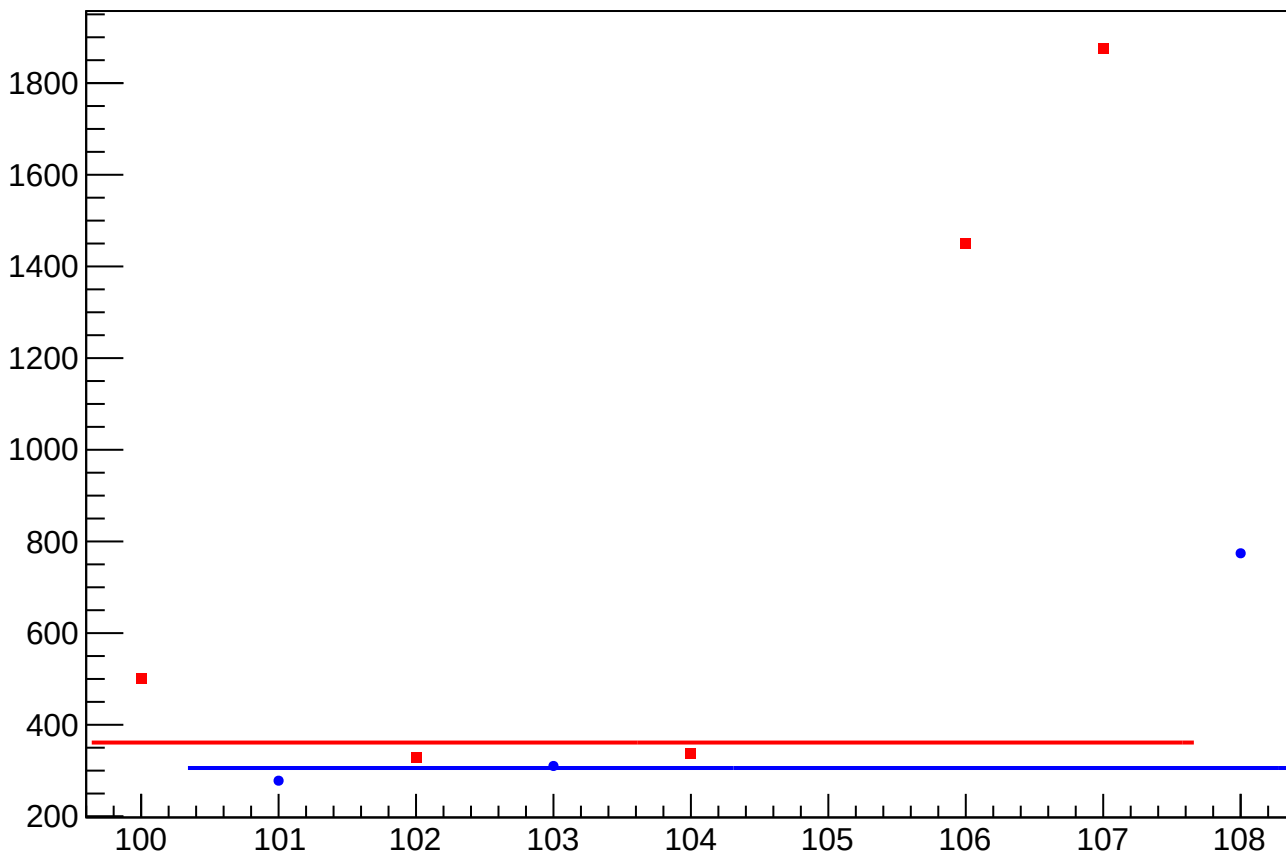
Right: -438.302+/-197.590 χ^2/NDF : 3.2/7

In: -410.905+/-258.935 χ^2/NDF :1.2/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -438.302+/-197.590 χ^2/NDF : 3.2/7

asym_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 305.715+/-0.183 χ^2/NDF : 203586.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 361.263+/-0.216 χ^2/NDF : 676342.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

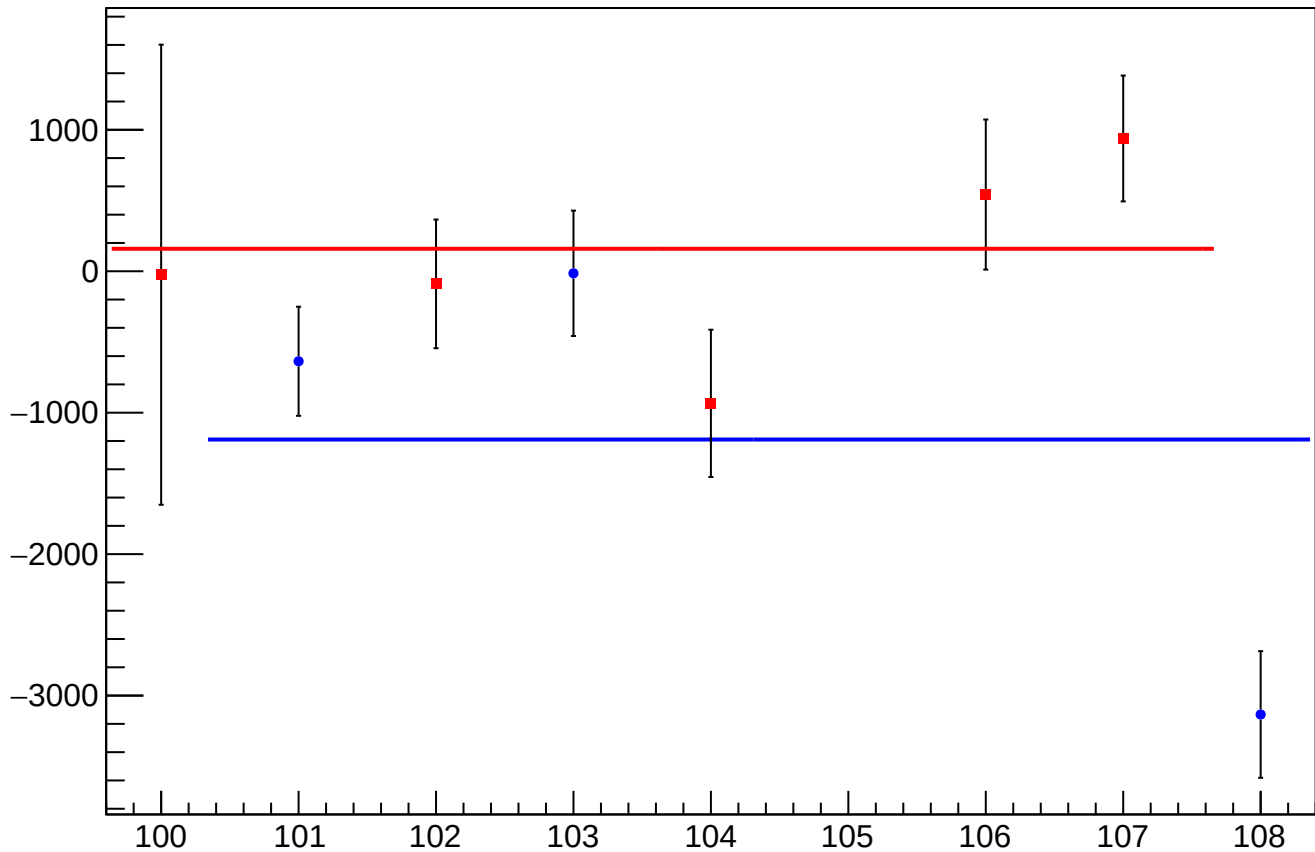
Right: 328.917+/-0.140 χ^2/NDF : 918373.6/7

In: 305.715+/-0.183 χ^2/NDF : 203586.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.917+/-0.140 χ^2/NDF : 918373.6/7

asym_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: -1189.632 $\pm$ 243.942 χ^2 /NDF: 27.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 159.016 $\pm$ 239.002 χ^2 /NDF: 8.3/4

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

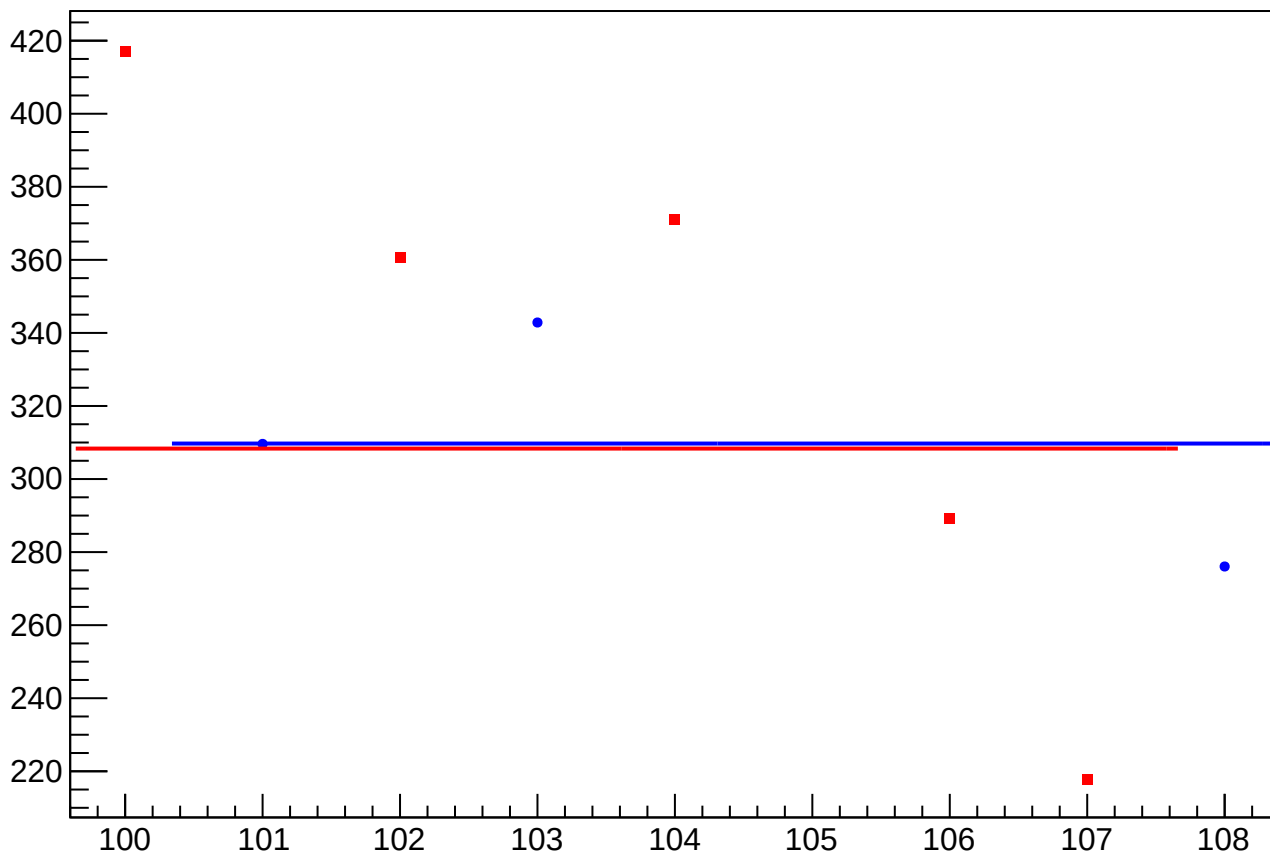
Right: -501.515 $\pm$ 170.719 χ^2 /NDF: 51.8/7

In: -1189.632 $\pm$ 243.942 χ^2 /NDF: 27.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -501.515 $\pm$ 170.719 χ^2 /NDF: 51.8/7

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 309.716+/-0.172 χ^2/NDF : 22477.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 308.339+/-0.169 χ^2/NDF : 150235.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

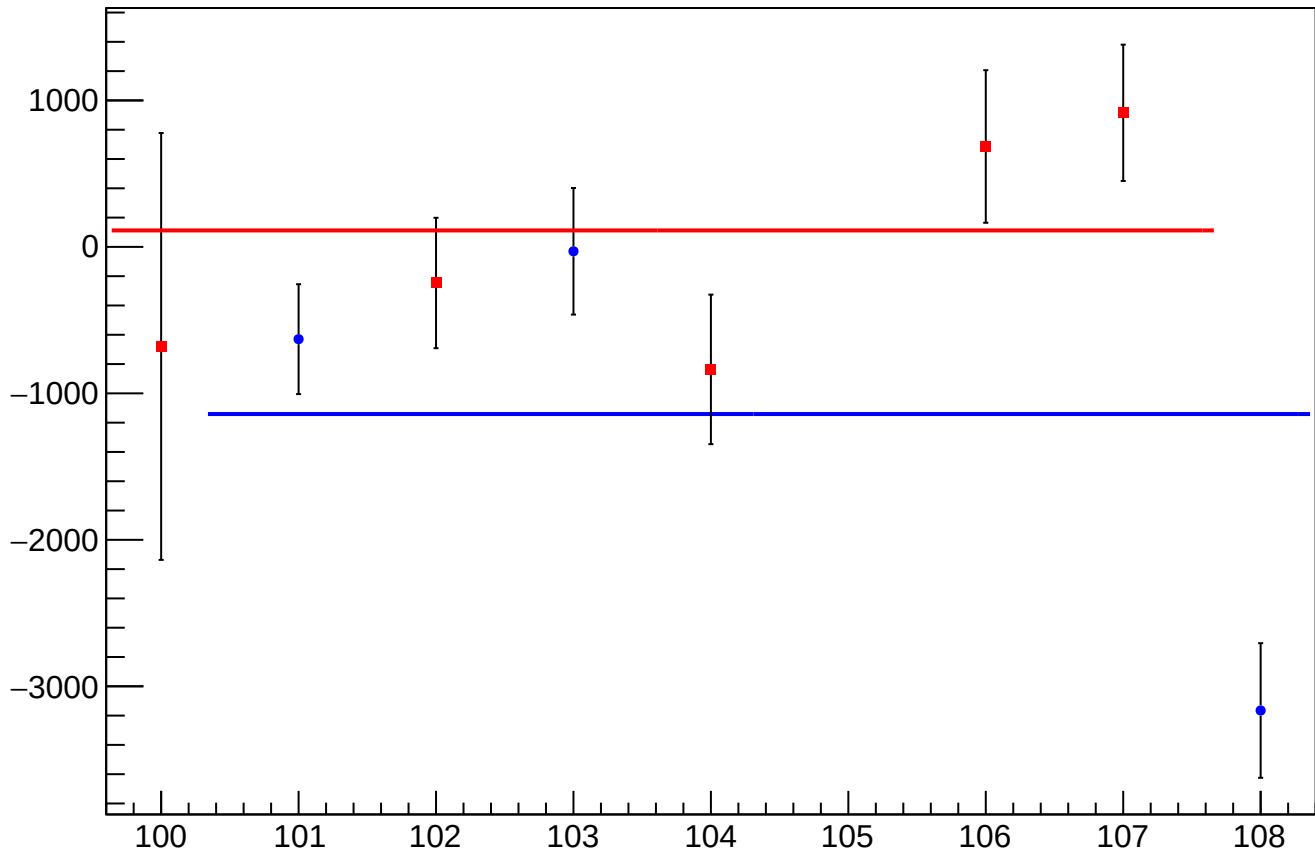
Right: 309.013+/-0.121 χ^2/NDF : 172745.2/7

In: 309.716+/-0.172 χ^2/NDF : 22477.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 309.013+/-0.121 χ^2/NDF : 172745.2/7

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: -1141.208+/-241.132 χ^2/NDF : 27.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.330+/-237.940 χ^2/NDF : 8.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

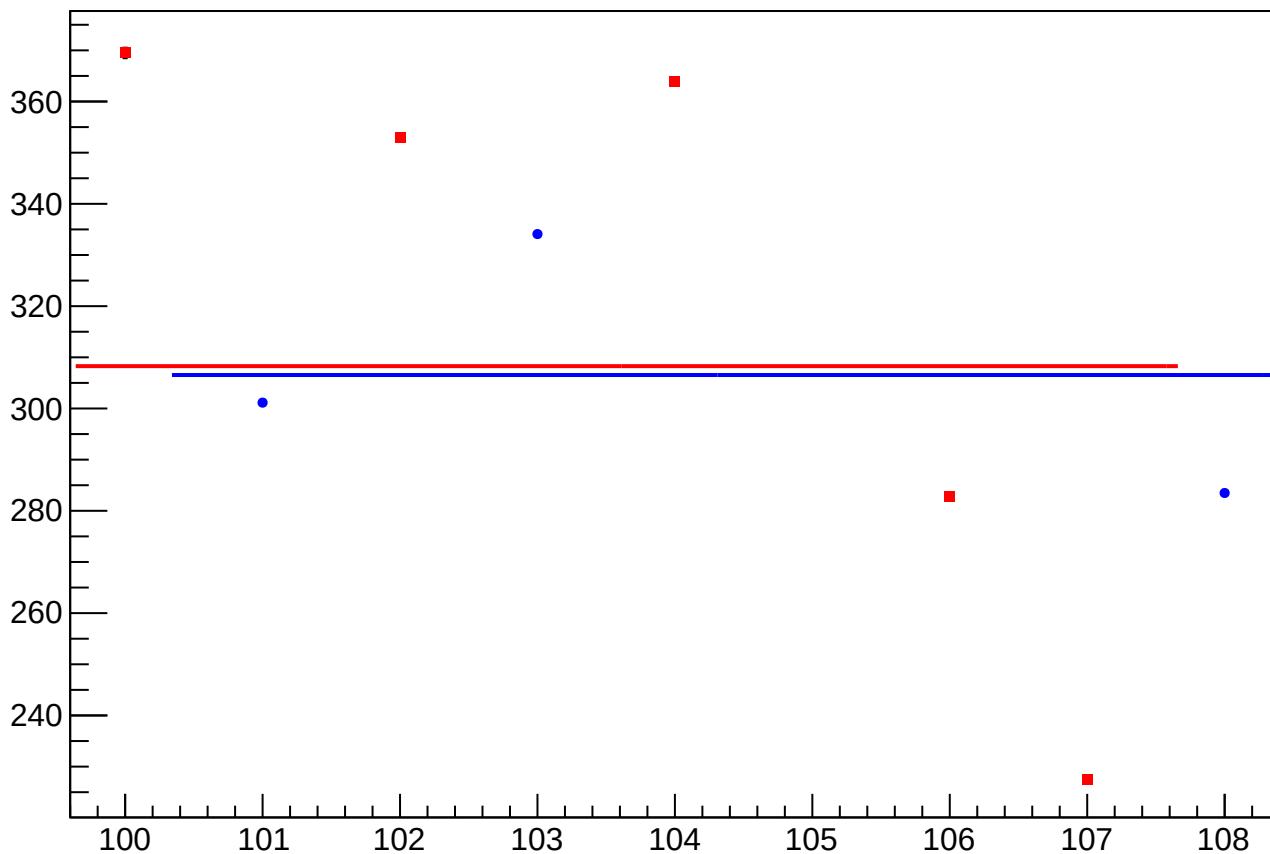
Right: -506.088+/-169.366 χ^2/NDF : 50.2/7

In: -1141.208+/-241.132 χ^2/NDF : 27.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -506.088+/-169.366 χ^2/NDF : 50.2/7

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 306.542 $\pm$ 0.171 χ^2 /NDF: 13580.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 308.275 $\pm$ 0.168 χ^2 /NDF: 112347.2/4

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

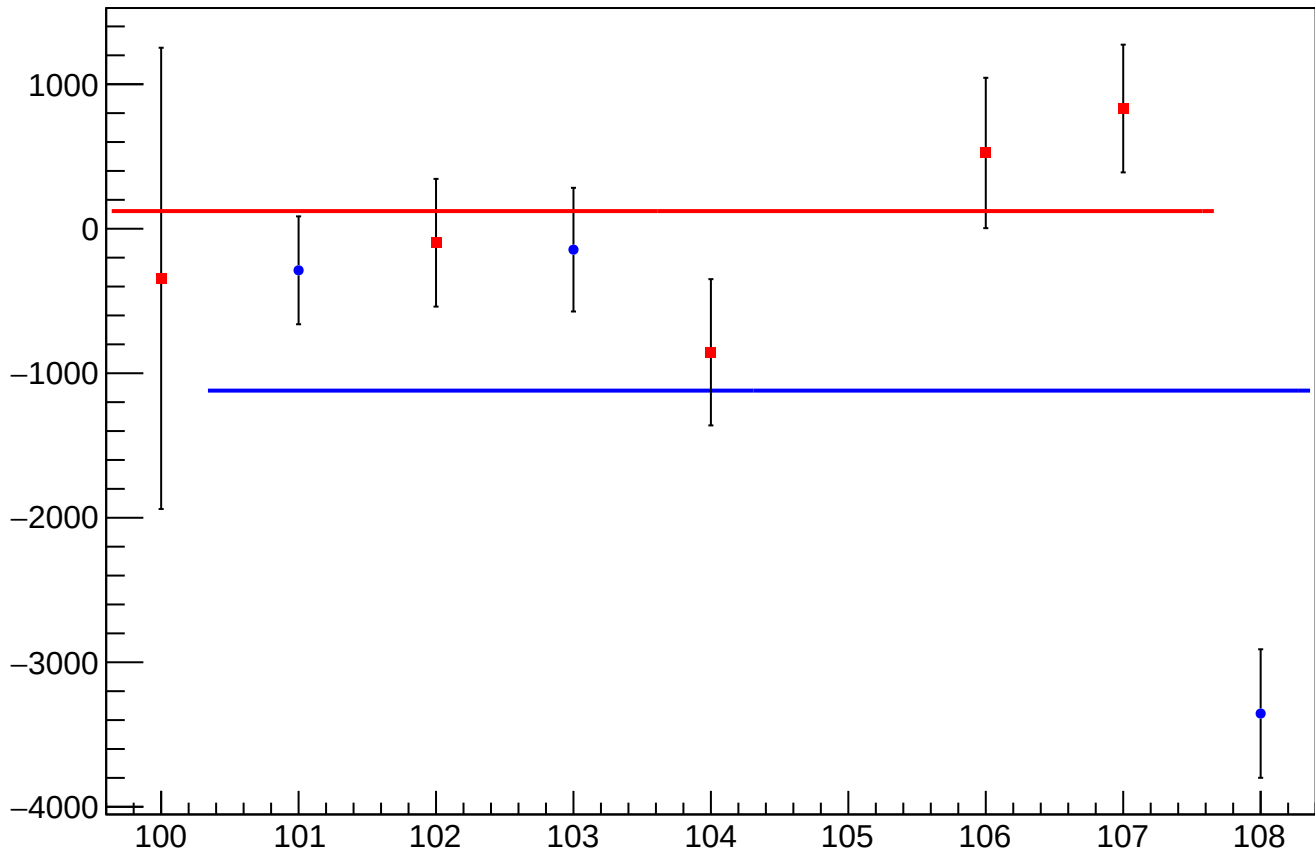
Right: 307.420 $\pm$ 0.120 χ^2 /NDF: 125980.1/7

In: 306.542 $\pm$ 0.171 χ^2 /NDF:13580.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 307.420 $\pm$ 0.120 χ^2 /NDF: 125980.1/7

asym_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: -1120.078 $\pm$ 237.719 χ^2 /NDF: 35.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 122.214 $\pm$ 234.181 χ^2 /NDF: 7.2/4

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

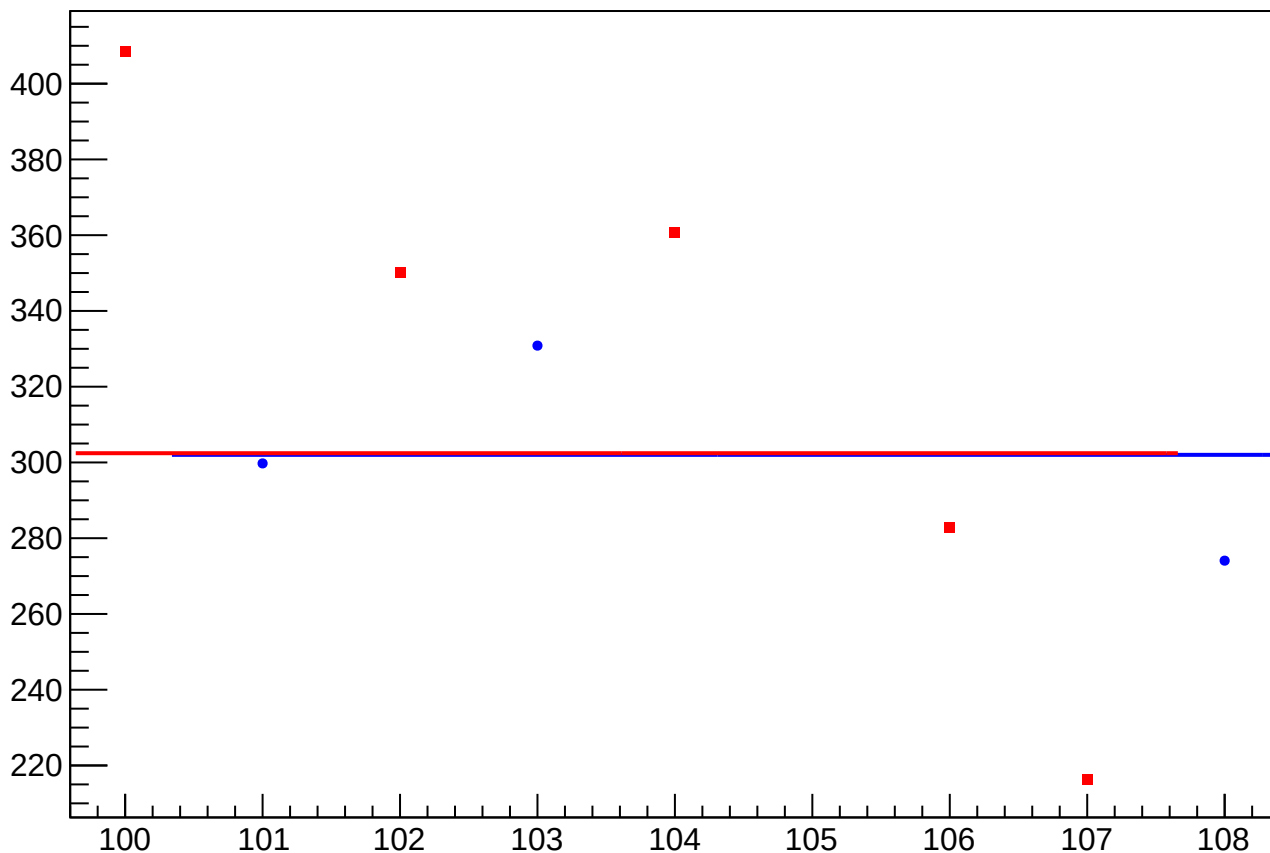
Right: -489.619 $\pm$ 166.828 χ^2 /NDF: 56.5/7

In: -1120.078 $\pm$ 237.719 χ^2 /NDF:35.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -489.619 $\pm$ 166.828 χ^2 /NDF: 56.5/7

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 302.007+/-0.168 χ^2/NDF : 17048.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 302.440+/-0.166 χ^2/NDF : 137571.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

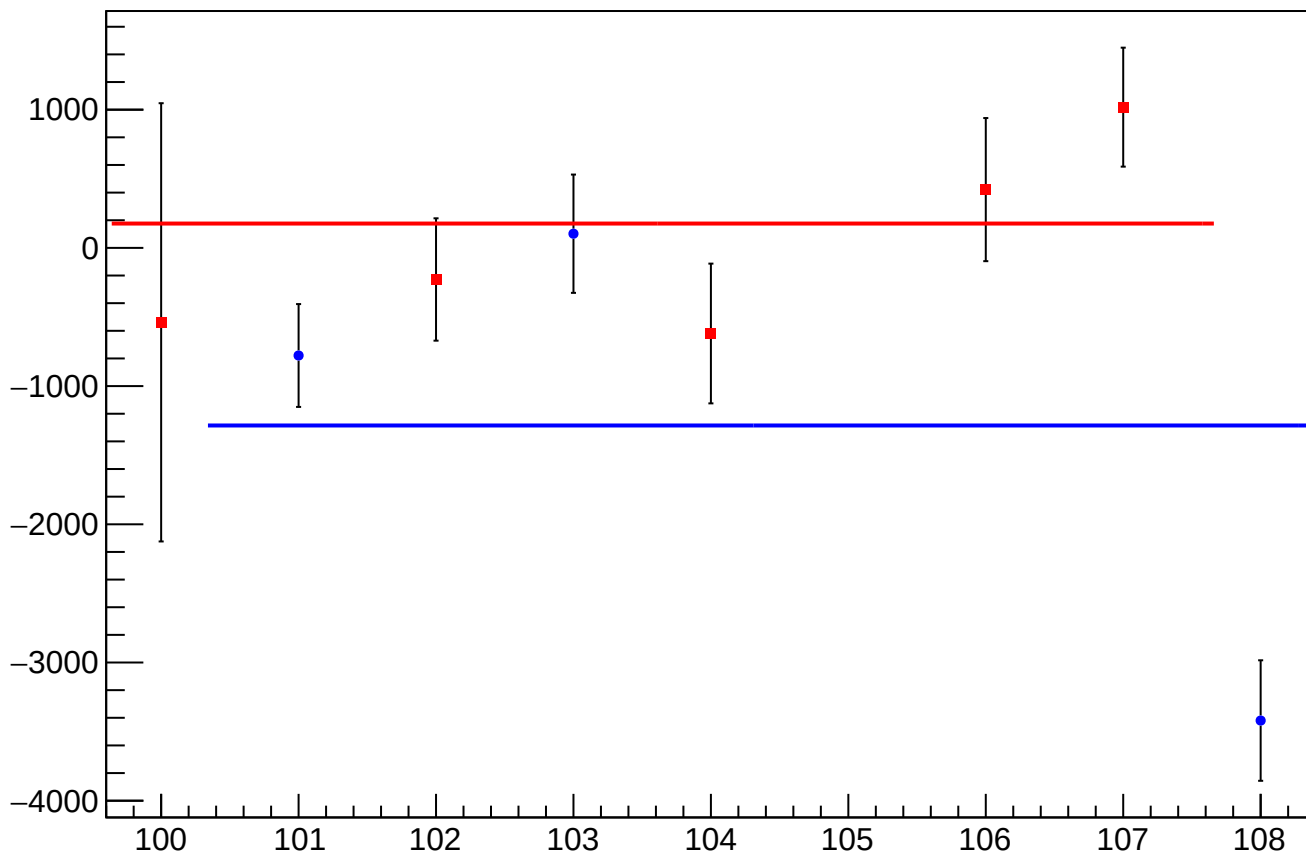
Right: 302.227+/-0.118 χ^2/NDF : 154623.8/7

In: 302.007+/-0.168 χ^2/NDF : 17048.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 302.227+/-0.118 χ^2/NDF : 154623.8/7

asym_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: -1285.003+/-236.082 χ^2/NDF : 36.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.090+/-232.234 χ^2/NDF : 7.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

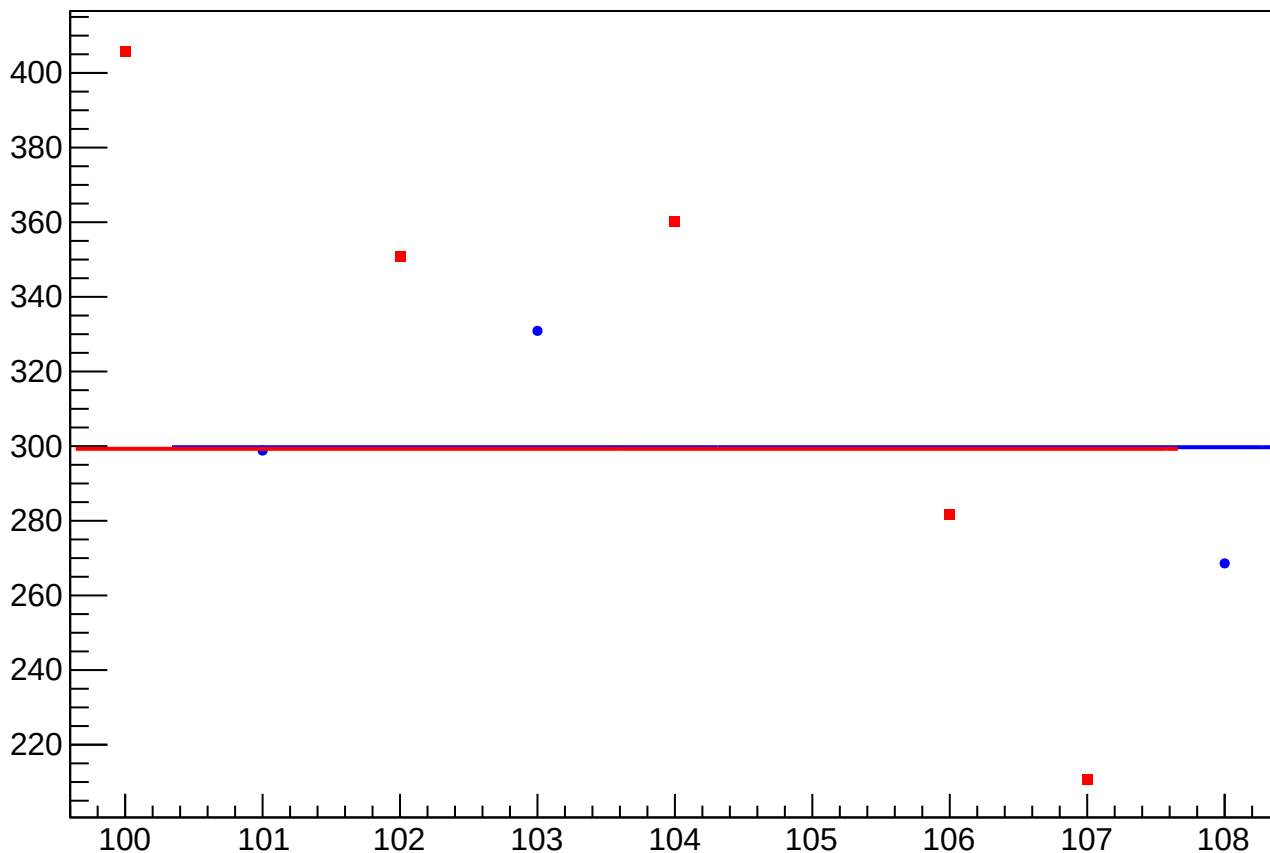
Right: -542.454+/-165.558 χ^2/NDF : 63.4/7

In: -1285.003+/-236.082 χ^2/NDF : 36.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -542.454+/-165.558 χ^2/NDF : 63.4/7

asym_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 299.713+/-0.167 χ^2/NDF : 20823.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 299.290+/-0.164 χ^2/NDF : 152504.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

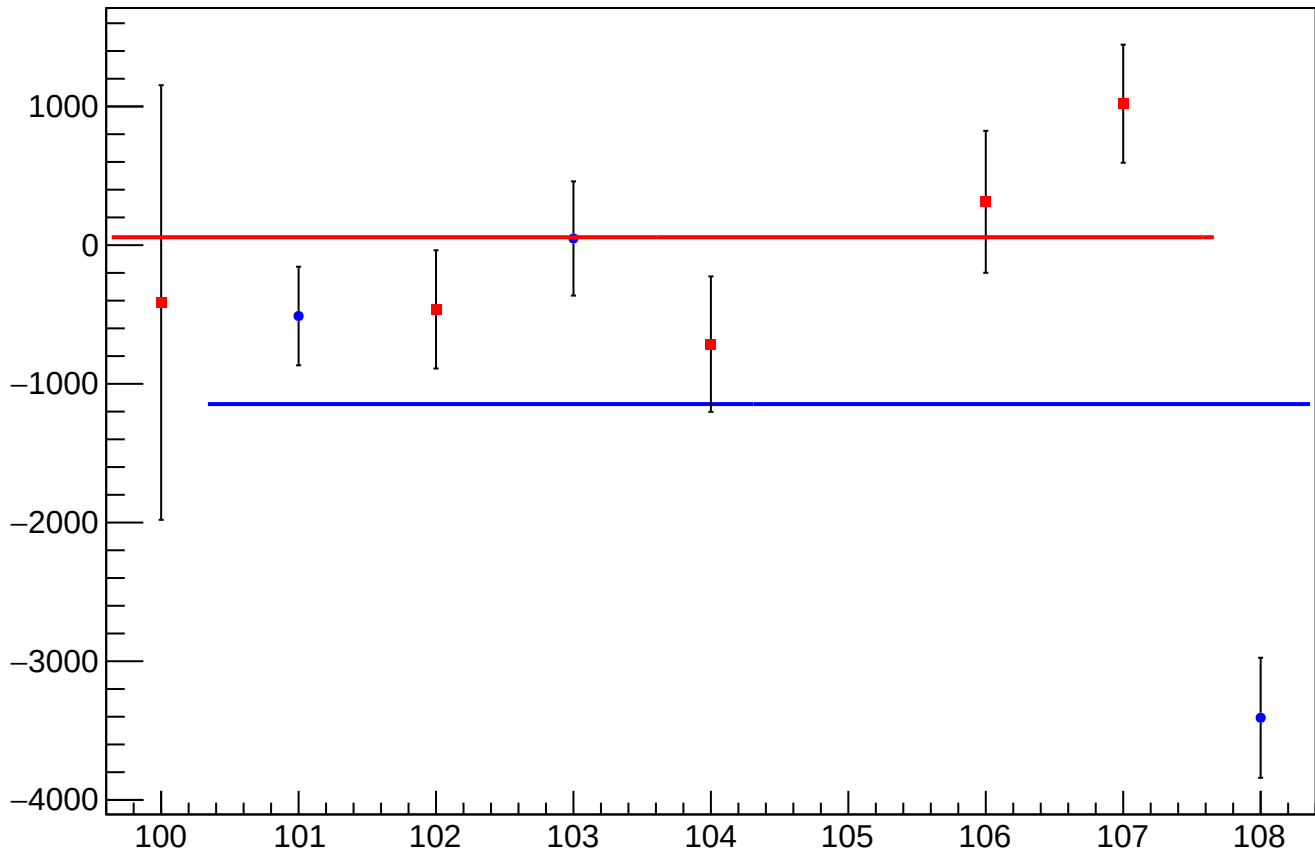
Right: 299.498+/-0.117 χ^2/NDF : 173331.1/7

In: 299.713+/-0.167 χ^2/NDF : 20823.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 299.498+/-0.117 χ^2/NDF : 173331.1/7

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: -1145.916 $\pm$ 228.435 χ^2 /NDF: 38.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 57.256 $\pm$ 226.794 χ^2 /NDF: 9.4/4

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

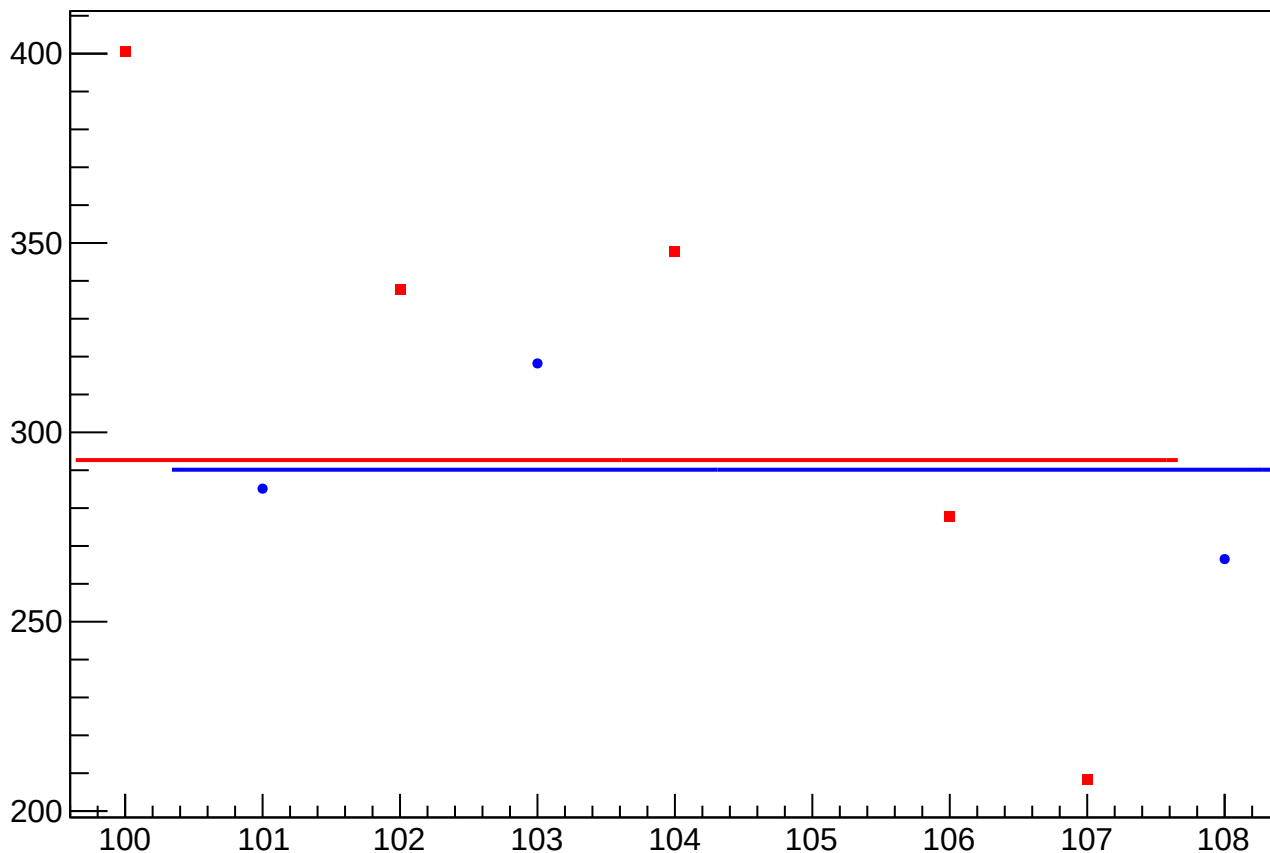
Right: -539.994 $\pm$ 160.945 χ^2 /NDF: 62.3/7

In: -1145.916 $\pm$ 228.435 χ^2 /NDF:38.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -539.994 $\pm$ 160.945 χ^2 /NDF: 62.3/7

asym_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 290.135+/-0.162 χ^2/NDF : 15642.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 292.681+/-0.160 χ^2/NDF : 137448.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

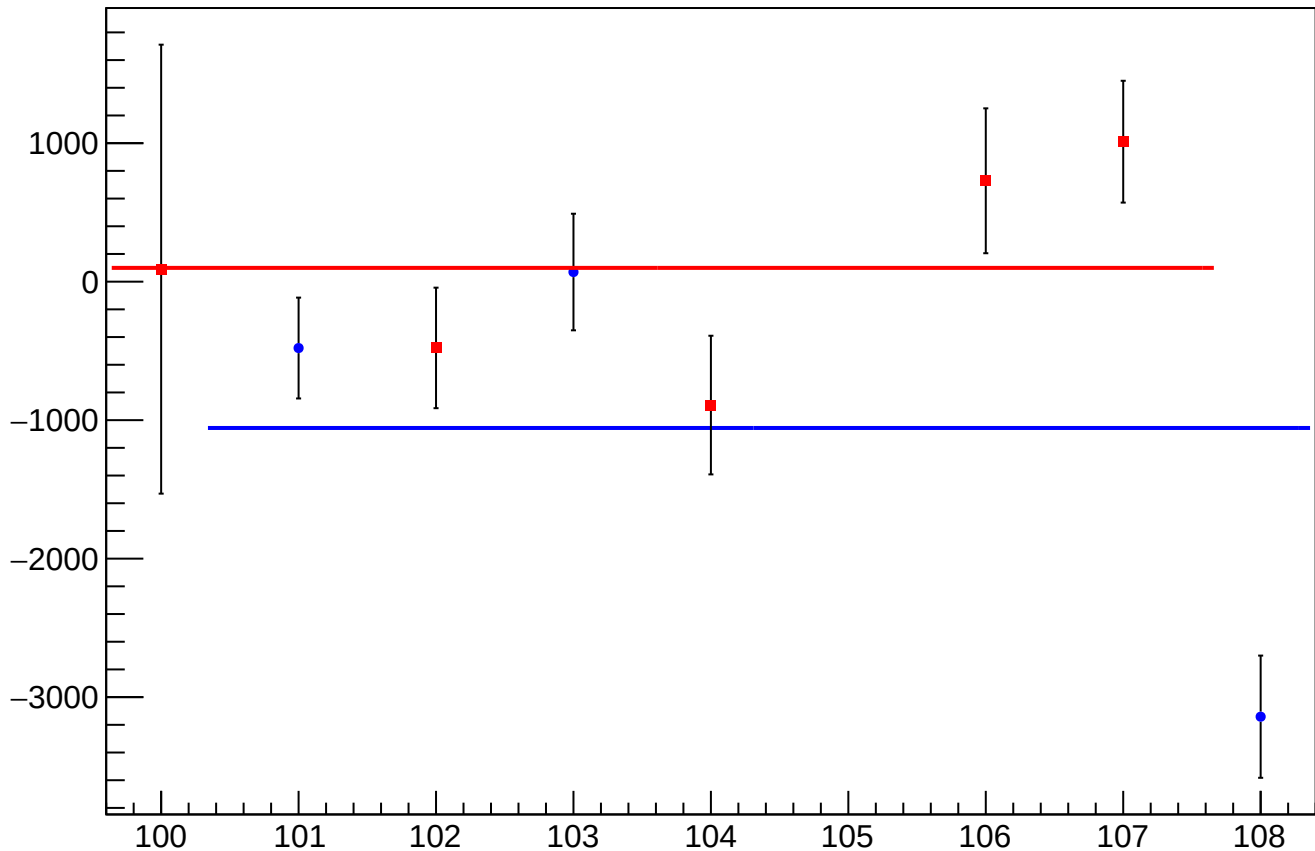
Right: 291.418+/-0.114 χ^2/NDF : 153215.6/7

In: 290.135+/-0.162 χ^2/NDF : 15642.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 291.418+/-0.114 χ^2/NDF : 153215.6/7

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: -1056.475+/-233.612 χ^2/NDF : 32.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.522+/-232.640 χ^2/NDF : 11.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

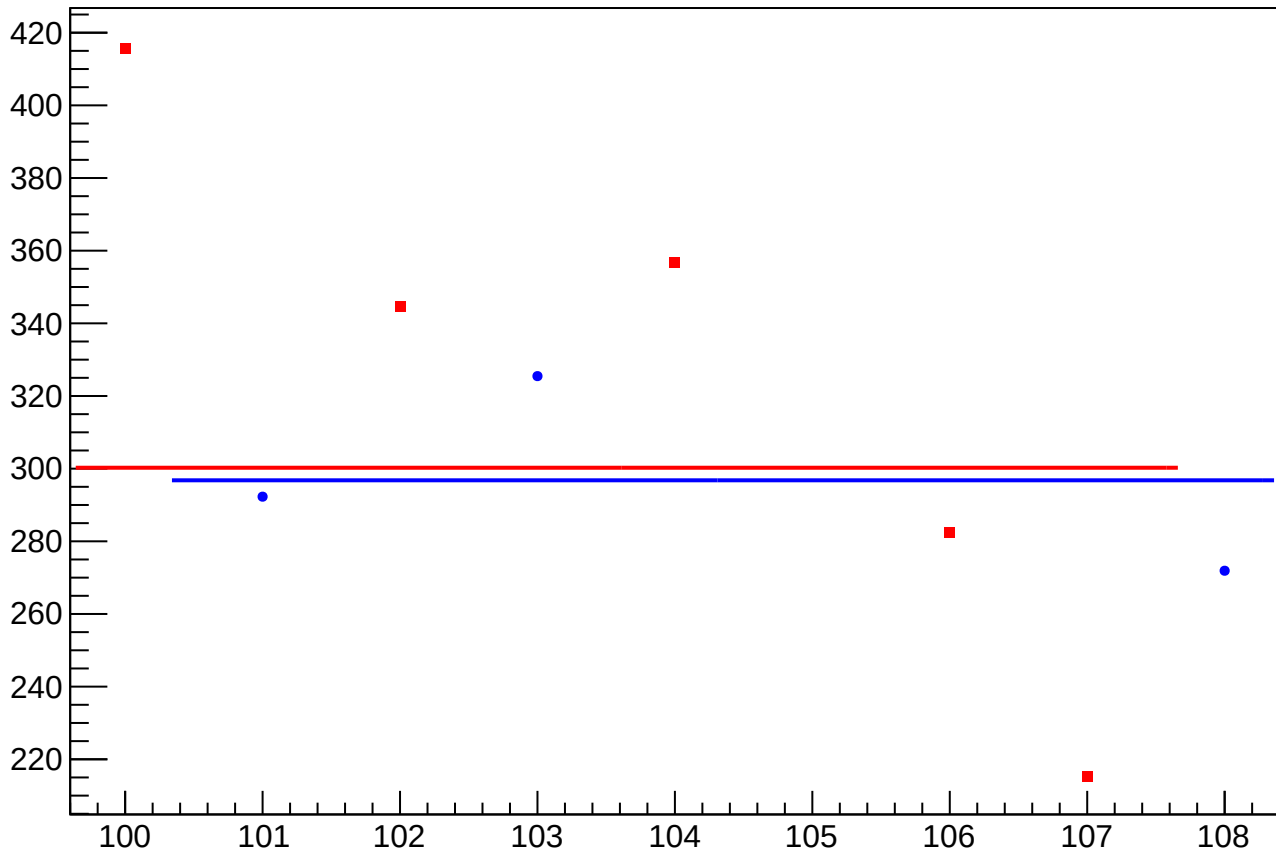
Right: -476.066+/-164.844 χ^2/NDF : 55.7/7

In: -1056.475+/-233.612 χ^2/NDF : 32.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -476.066+/-164.844 χ^2/NDF : 55.7/7

asym_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 296.793+/-0.165 χ^2/NDF : 15953.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 300.253+/-0.165 χ^2/NDF : 133588.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

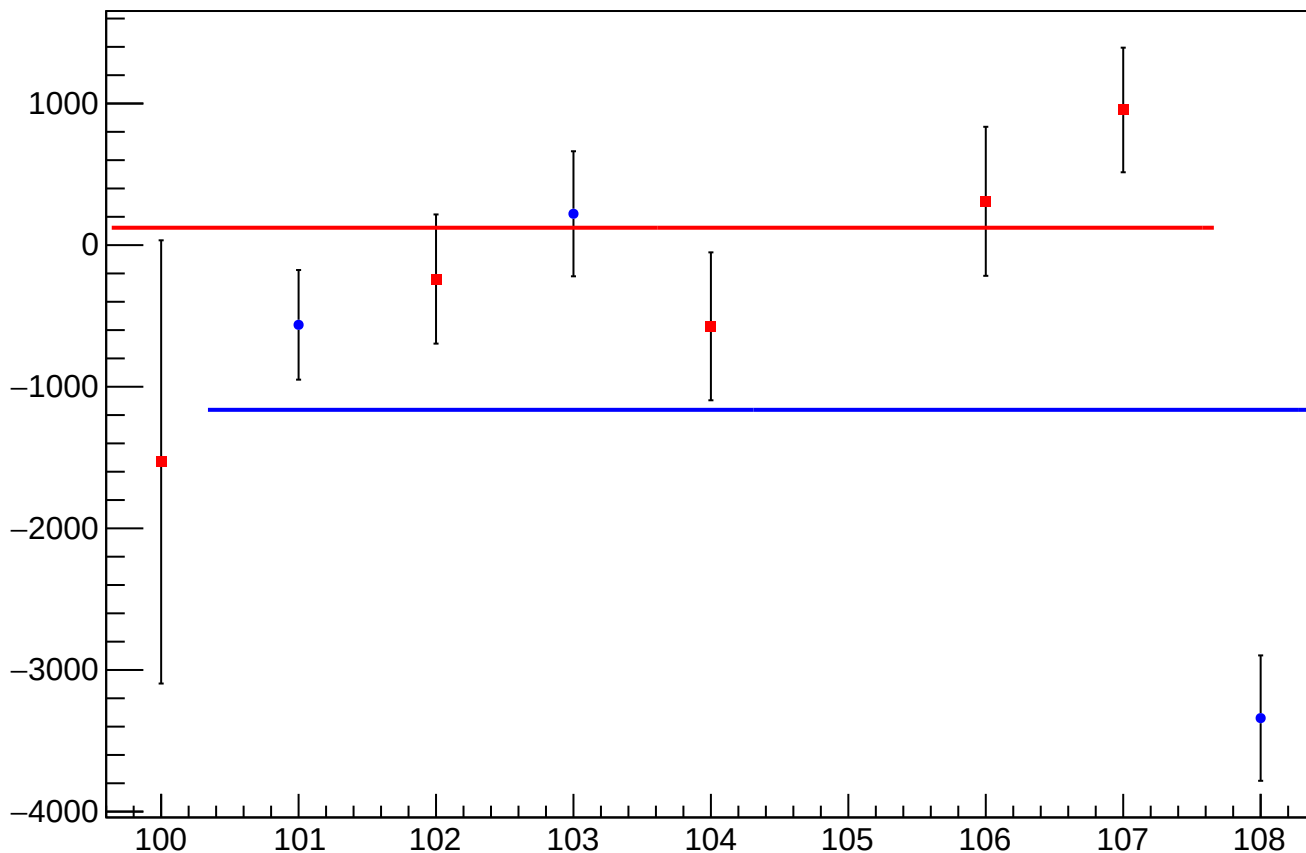
Right: 298.530+/-0.117 χ^2/NDF : 149762.6/7

In: 296.793+/-0.165 χ^2/NDF : 15953.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 298.530+/-0.117 χ^2/NDF : 149762.6/7

asym_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: -1163.016+/-243.214 χ^2/NDF : 36.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.881+/-237.956 χ^2/NDF : 7.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

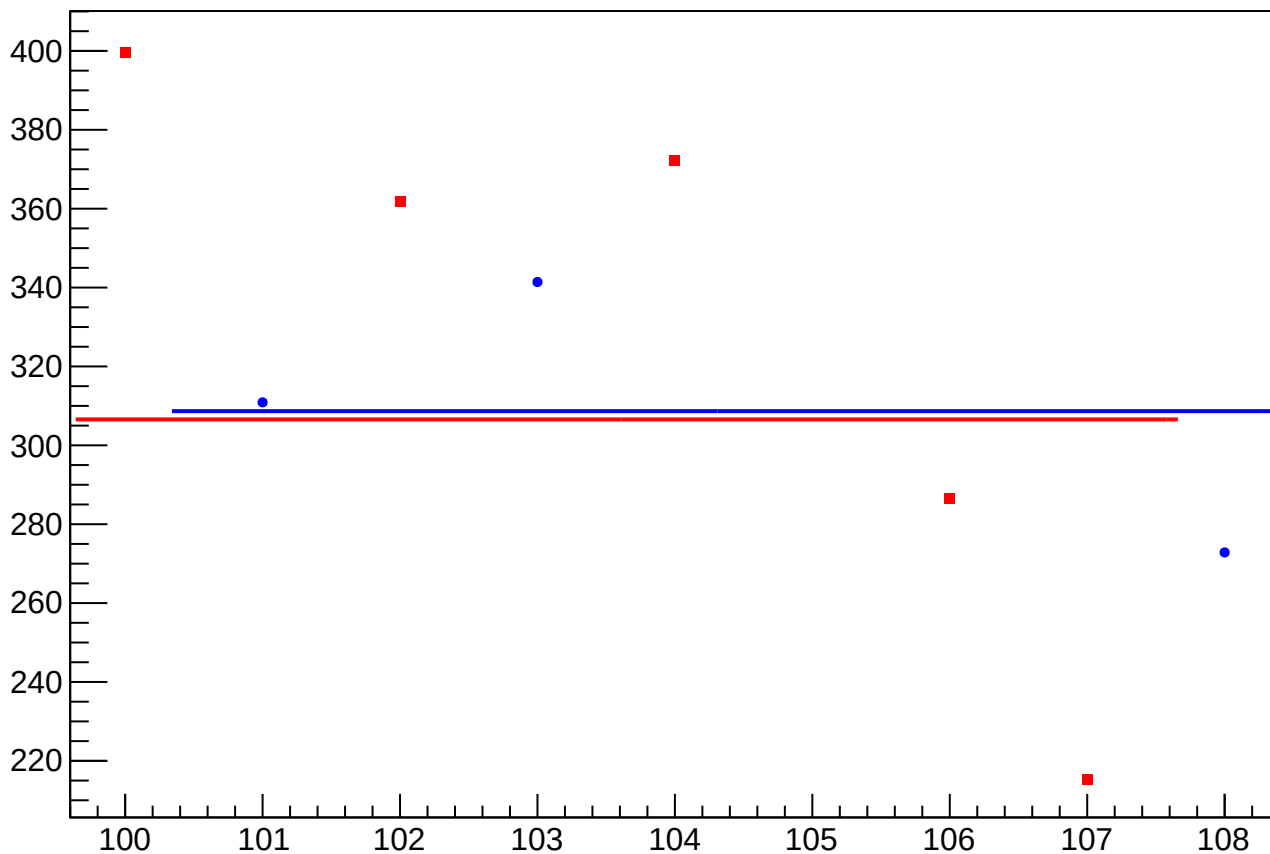
Right: -506.015+/-170.089 χ^2/NDF : 57.9/7

In: -1163.016+/-243.214 χ^2/NDF : 36.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -506.015+/-170.089 χ^2/NDF : 57.9/7

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 308.668+/-0.172 χ^2/NDF : 24159.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 306.570+/-0.168 χ^2/NDF : 157152.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

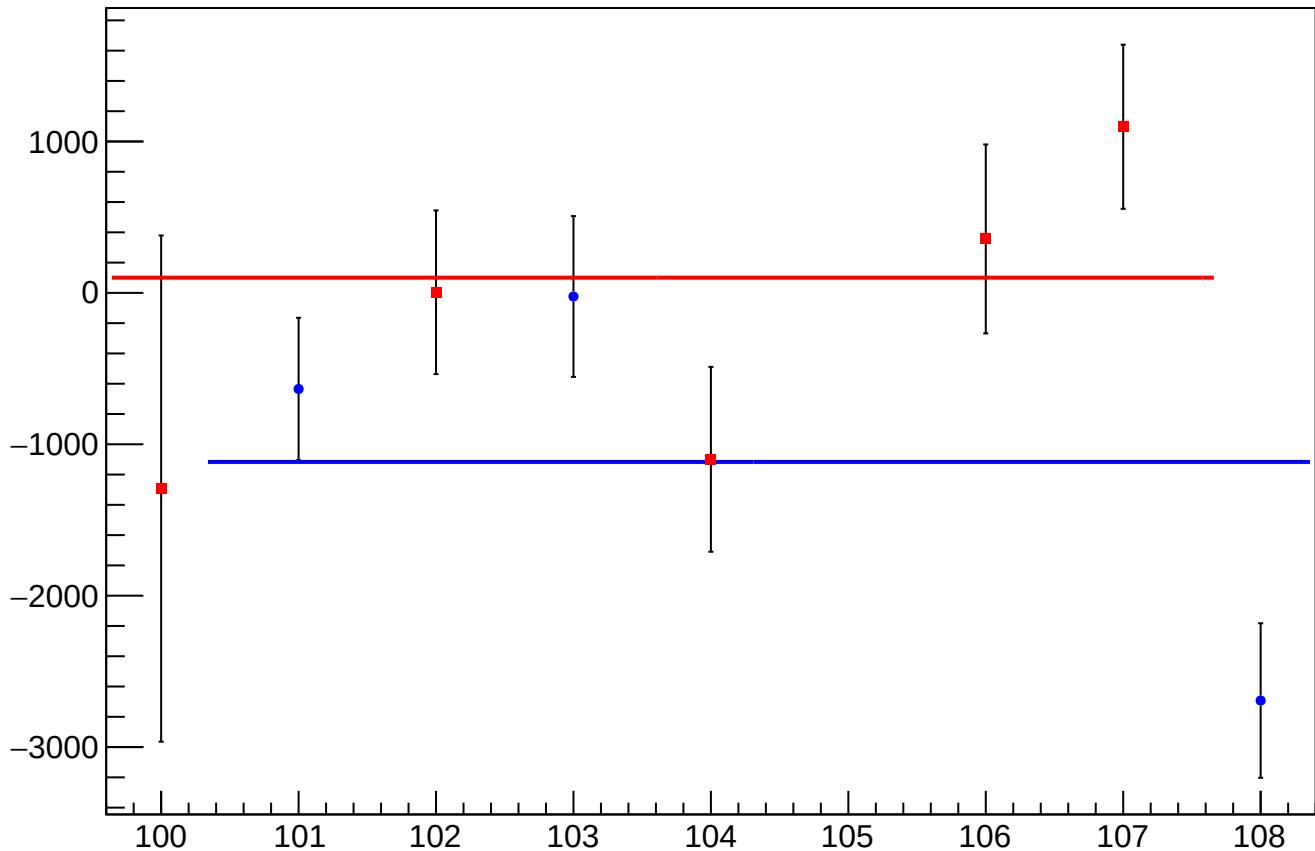
Right: 307.596+/-0.120 χ^2/NDF : 181388.2/7

In: 308.668+/-0.172 χ^2/NDF : 24159.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 307.596+/-0.120 χ^2/NDF : 181388.2/7

asym_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: -1116.457 $\pm$ 289.846 χ^2 /NDF: 14.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 100.487 $\pm$ 283.586 χ^2 /NDF: 8.1/4

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

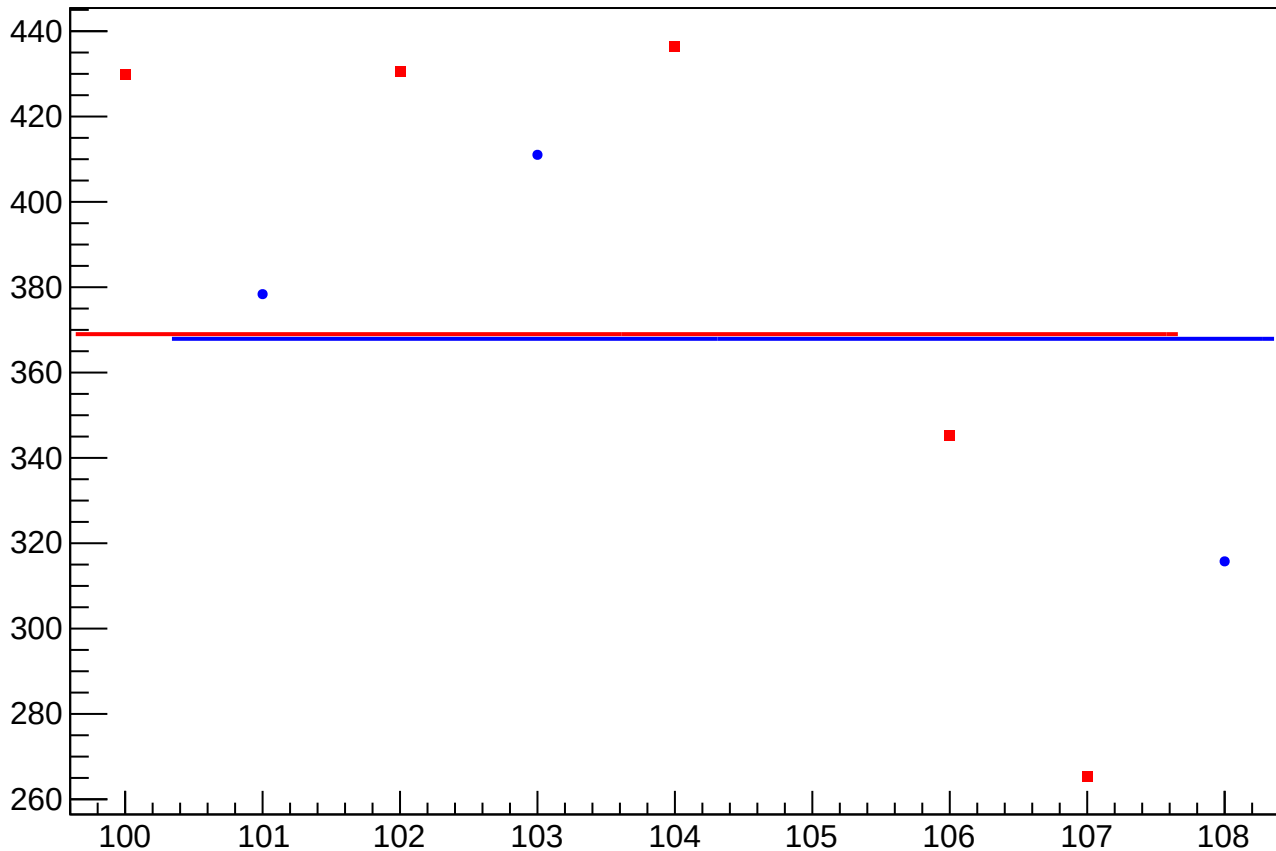
Right: -494.702 $\pm$ 202.703 χ^2 /NDF: 32.0/7

In: -1116.457 $\pm$ 289.846 χ^2 /NDF:14.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -494.702 $\pm$ 202.703 χ^2 /NDF: 32.0/7

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 367.909+/-0.205 χ^2/NDF : 35064.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 369.001+/-0.201 χ^2/NDF : 128807.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

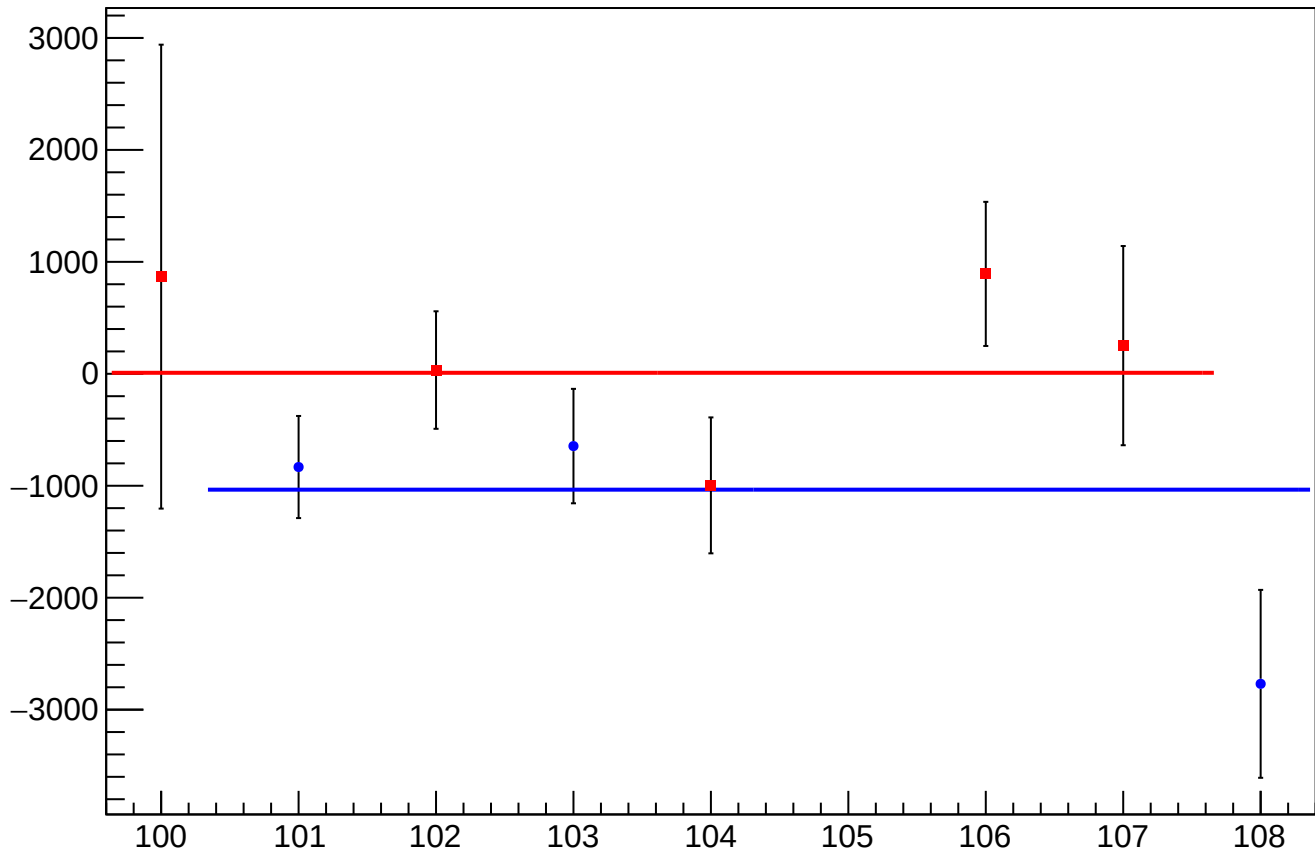
Right: 368.467+/-0.143 χ^2/NDF : 163887.0/7

In: 367.909+/-0.205 χ^2/NDF : 35064.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 368.467+/-0.143 χ^2/NDF : 163887.0/7

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -1034.941+/-315.365 χ^2/NDF : 5.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.962+/-312.318 χ^2/NDF : 4.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

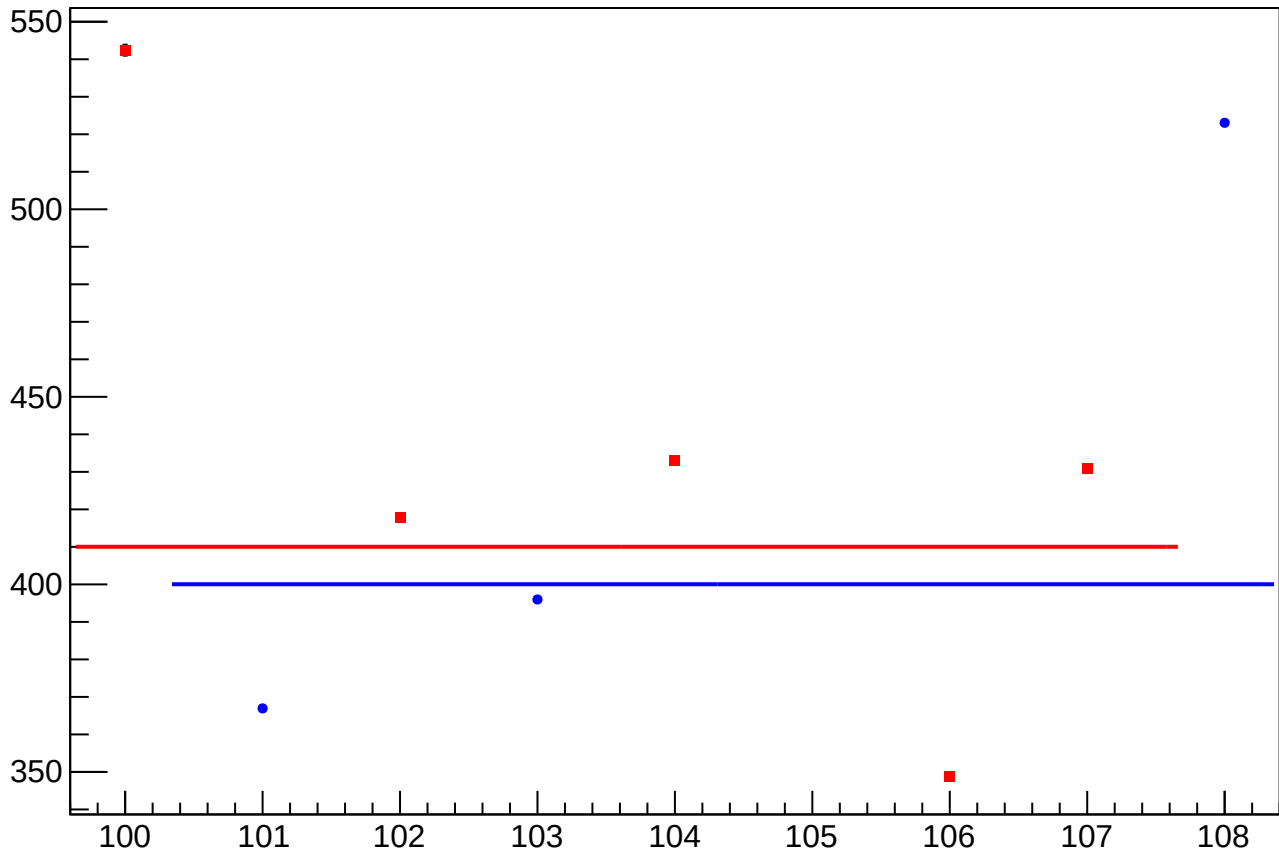
Right: -507.922+/-221.912 χ^2/NDF : 15.5/7

In: -1034.941+/-315.365 χ^2/NDF : 5.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -507.922+/-221.912 χ^2/NDF : 15.5/7

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 400.038+/-0.223 χ^2/NDF : 53637.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 410.029+/-0.221 χ^2/NDF : 30590.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

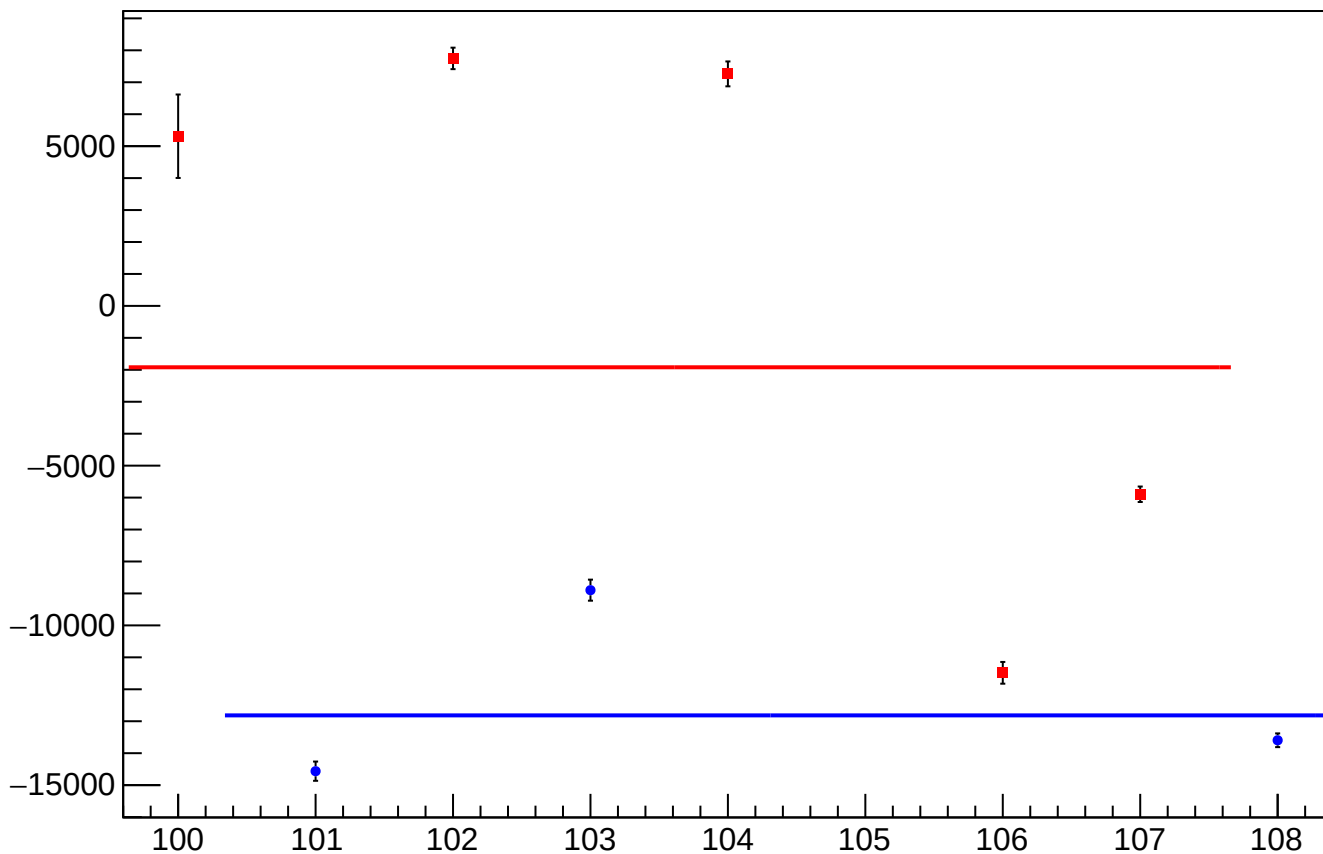
Right: 405.082+/-0.157 χ^2/NDF : 85241.0/7

In: 400.038+/-0.223 χ^2/NDF : 53637.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 405.082+/-0.157 χ^2/NDF : 85241.0/7

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: -12816.630+/-154.517 χ^2/NDF : 188.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1921.480+/-154.774 χ^2/NDF : 2473.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

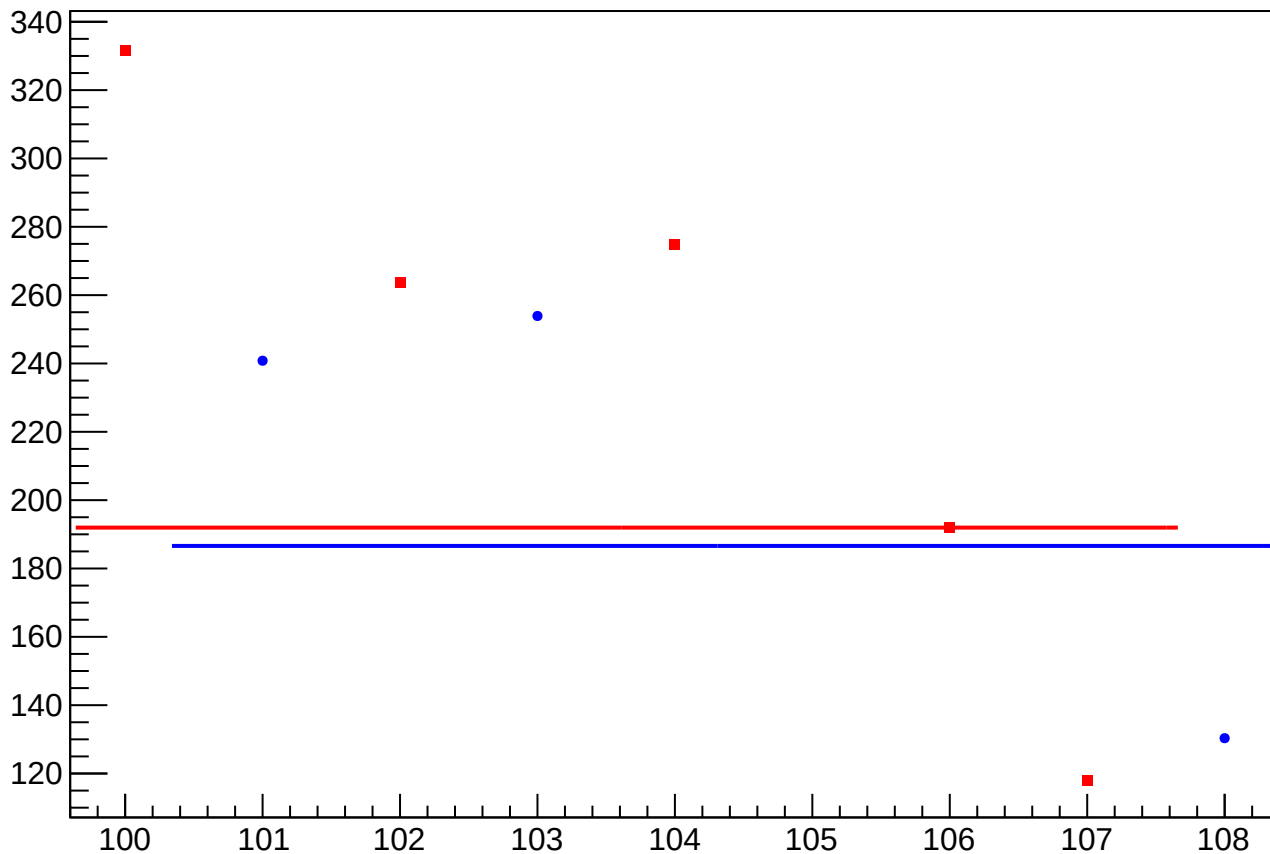
Right: -7378.120+/-109.351 χ^2/NDF : 5143.8/7

In: -12816.630+/-154.517 χ^2/NDF : 188.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7378.120+/-109.351 χ^2/NDF : 5143.8/7

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 186.607 $\pm$ 0.109 χ^2 /NDF: 285305.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 191.970 $\pm$ 0.109 χ^2 /NDF: 390847.3/4

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

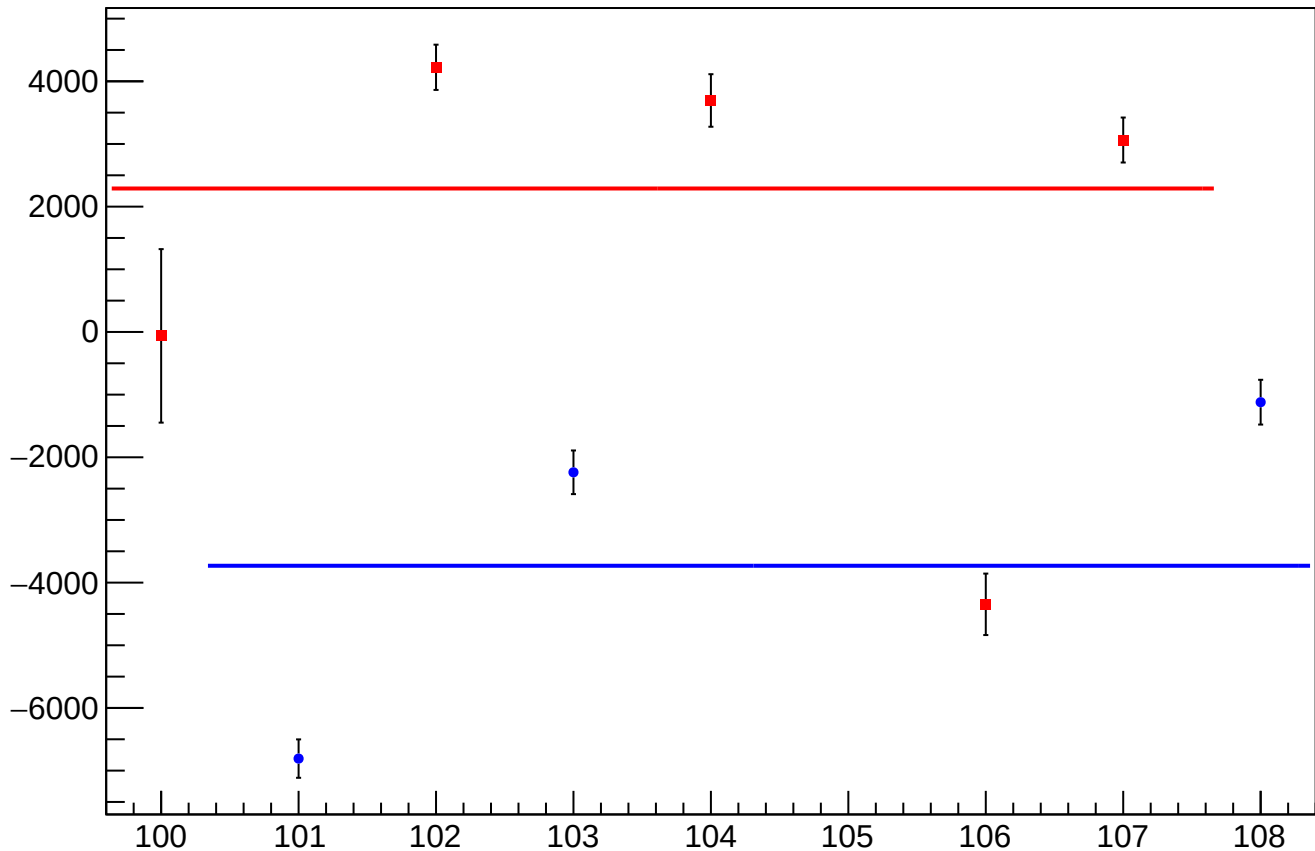
Right: 189.284 $\pm$ 0.077 χ^2 /NDF: 677355.7/7

In: 186.607 $\pm$ 0.109 χ^2 /NDF: 285305.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 189.284 $\pm$ 0.077 χ^2 /NDF: 677355.7/7

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: -3730.898+/-193.447 χ^2/NDF : 172.5/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2289.394+/-196.868 χ^2/NDF : 230.6/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

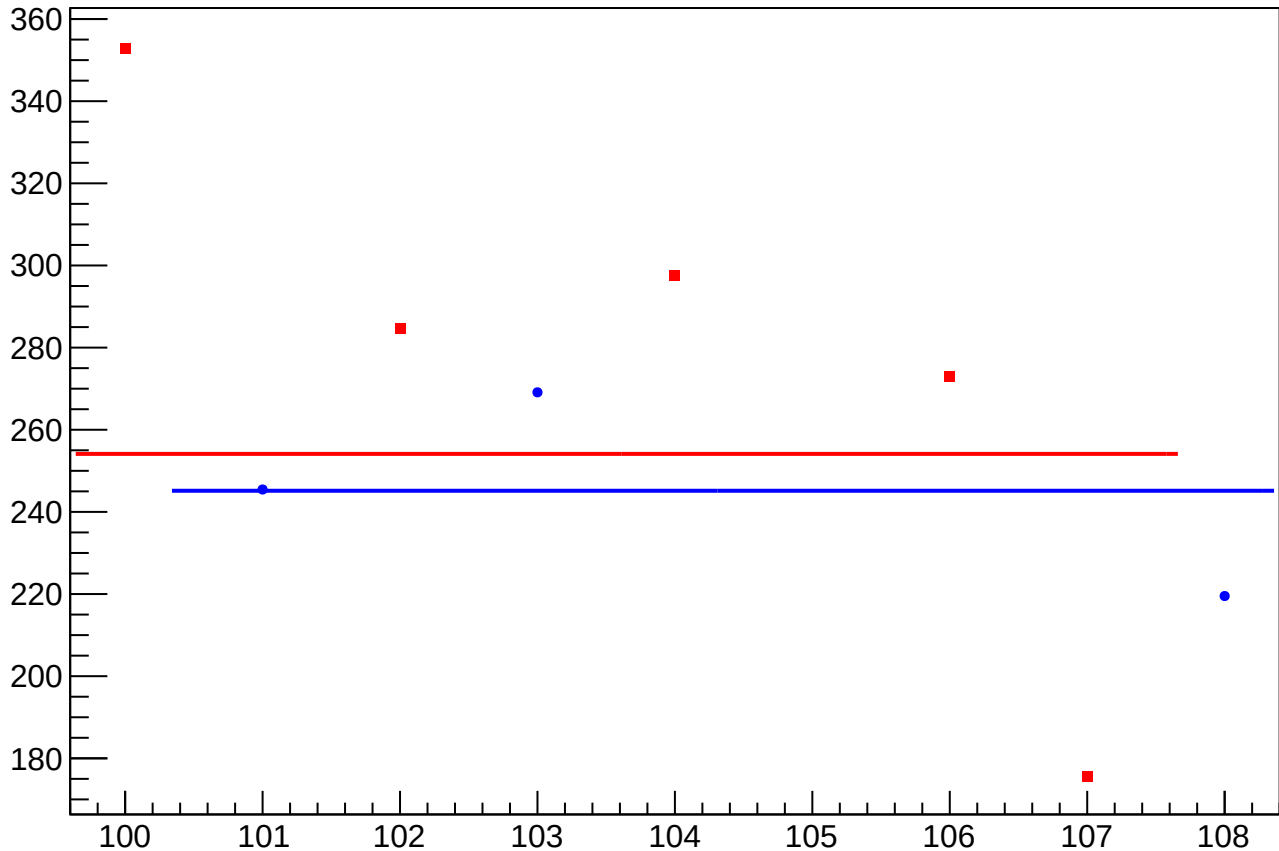
Right: -773.506+/-137.981 χ^2/NDF : 878.9/7

In: -3730.898+/-193.447 χ^2/NDF :172.5/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -773.506+/-137.981 χ^2/NDF : 878.9/7

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 245.147 $\pm$ 0.137 χ^2 /NDF: 19768.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 254.126 $\pm$ 0.139 χ^2 /NDF: 144763.9/4

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

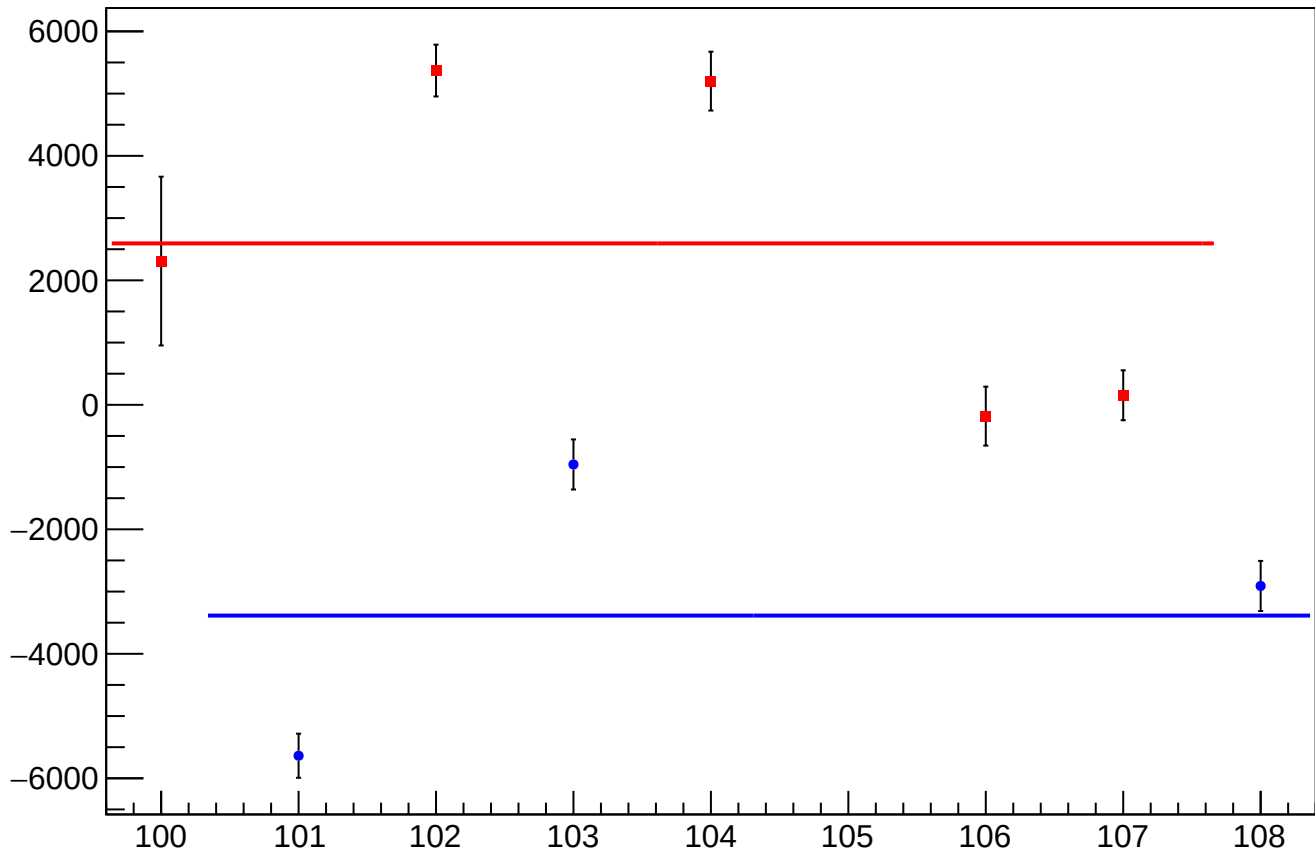
Right: 249.558 $\pm$ 0.098 χ^2 /NDF: 166649.4/7

In: 245.147 $\pm$ 0.137 χ^2 /NDF:19768.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 249.558 $\pm$ 0.098 χ^2 /NDF: 166649.4/7

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: -3385.613 $\pm$ 221.801 χ^2 /NDF: 78.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2593.434 $\pm$ 215.813 χ^2 /NDF: 146.3/4

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

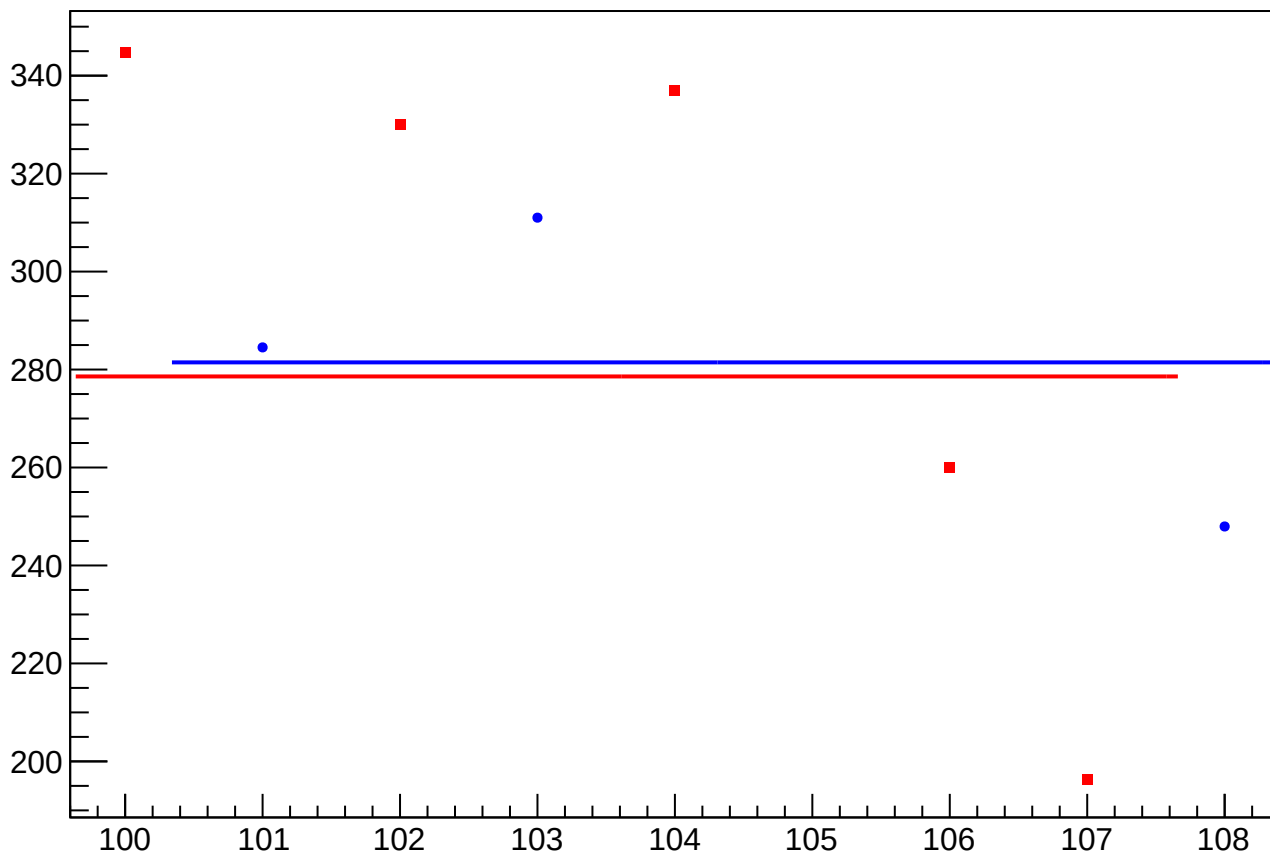
Right: -314.291 $\pm$ 154.676 χ^2 /NDF: 597.8/7

In: -3385.613 $\pm$ 221.801 χ^2 /NDF:78.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -314.291 $\pm$ 154.676 χ^2 /NDF: 597.8/7

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 281.462 $\pm$ 0.157 χ^2 /NDF: 24811.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 278.591 $\pm$ 0.153 χ^2 /NDF: 153138.5/4

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

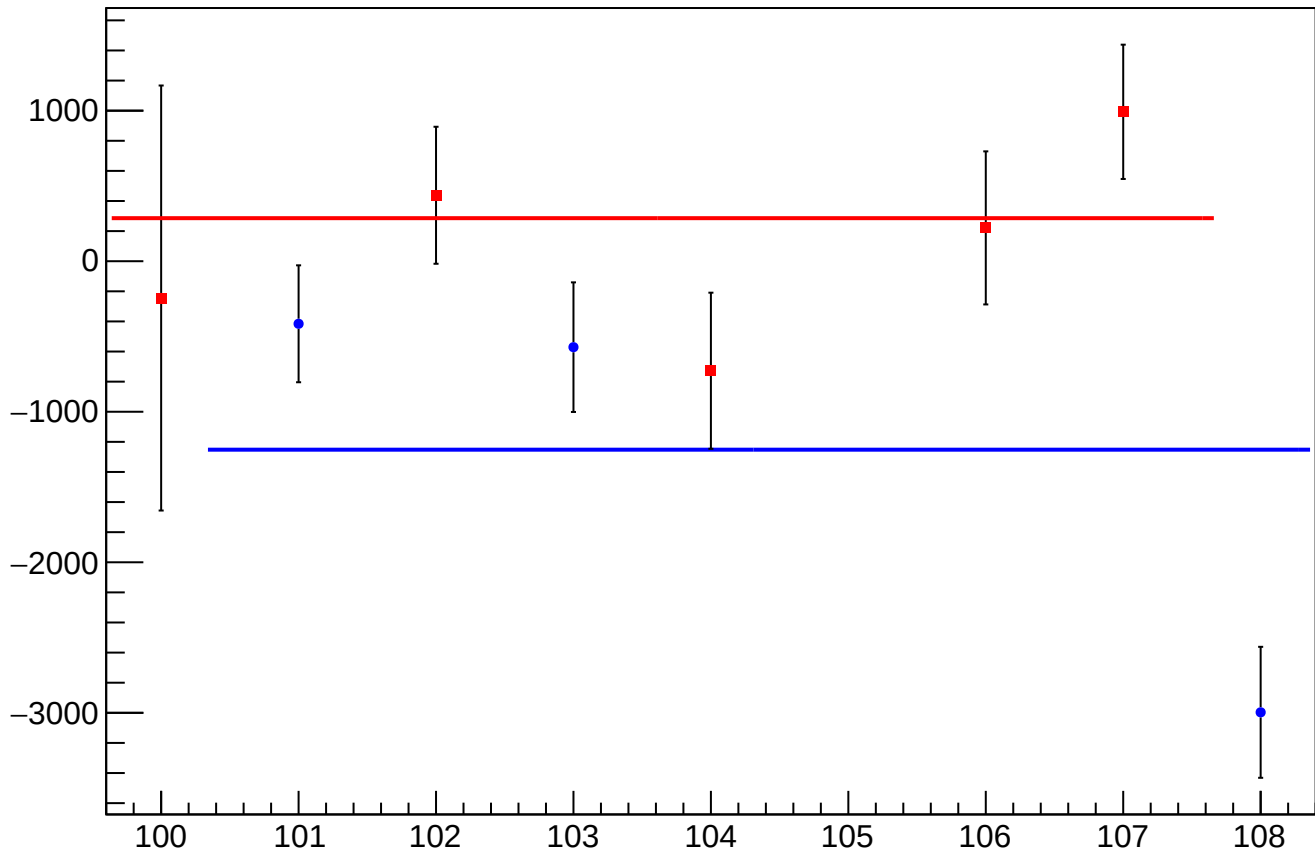
Right: 279.987 $\pm$ 0.109 χ^2 /NDF: 178121.8/7

In: 281.462 $\pm$ 0.157 χ^2 /NDF:24811.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 279.987 $\pm$ 0.109 χ^2 /NDF: 178121.8/7

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -1252.016 $\pm$ 240.362 χ^2 /NDF: 23.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 285.935 $\pm$ 236.083 χ^2 /NDF: 6.6/4

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

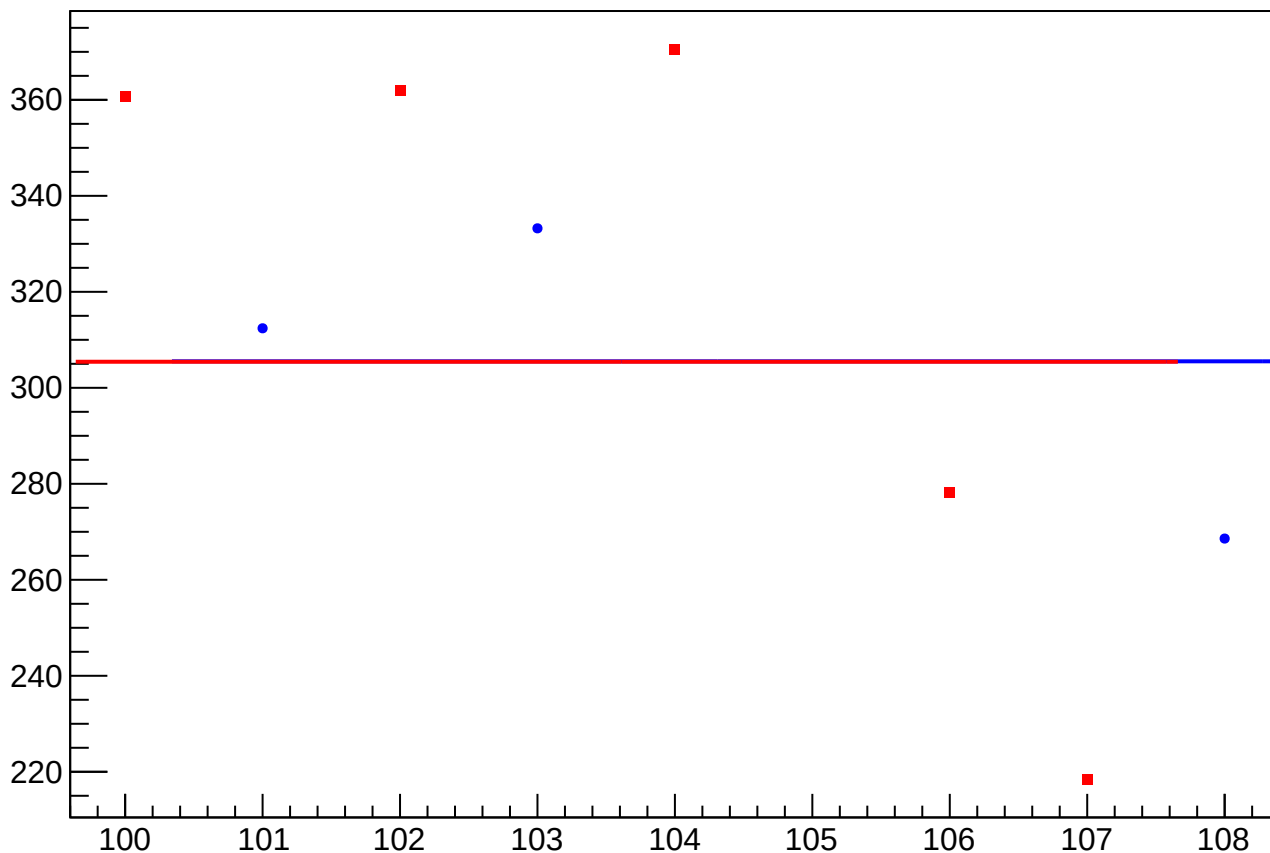
Right: -469.230 $\pm$ 168.428 χ^2 /NDF: 50.7/7

In: -1252.016 $\pm$ 240.362 χ^2 /NDF:23.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -469.230 $\pm$ 168.428 χ^2 /NDF: 50.7/7

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 305.522+/-0.170 χ^2/NDF : 23326.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 305.432+/-0.167 χ^2/NDF : 147298.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

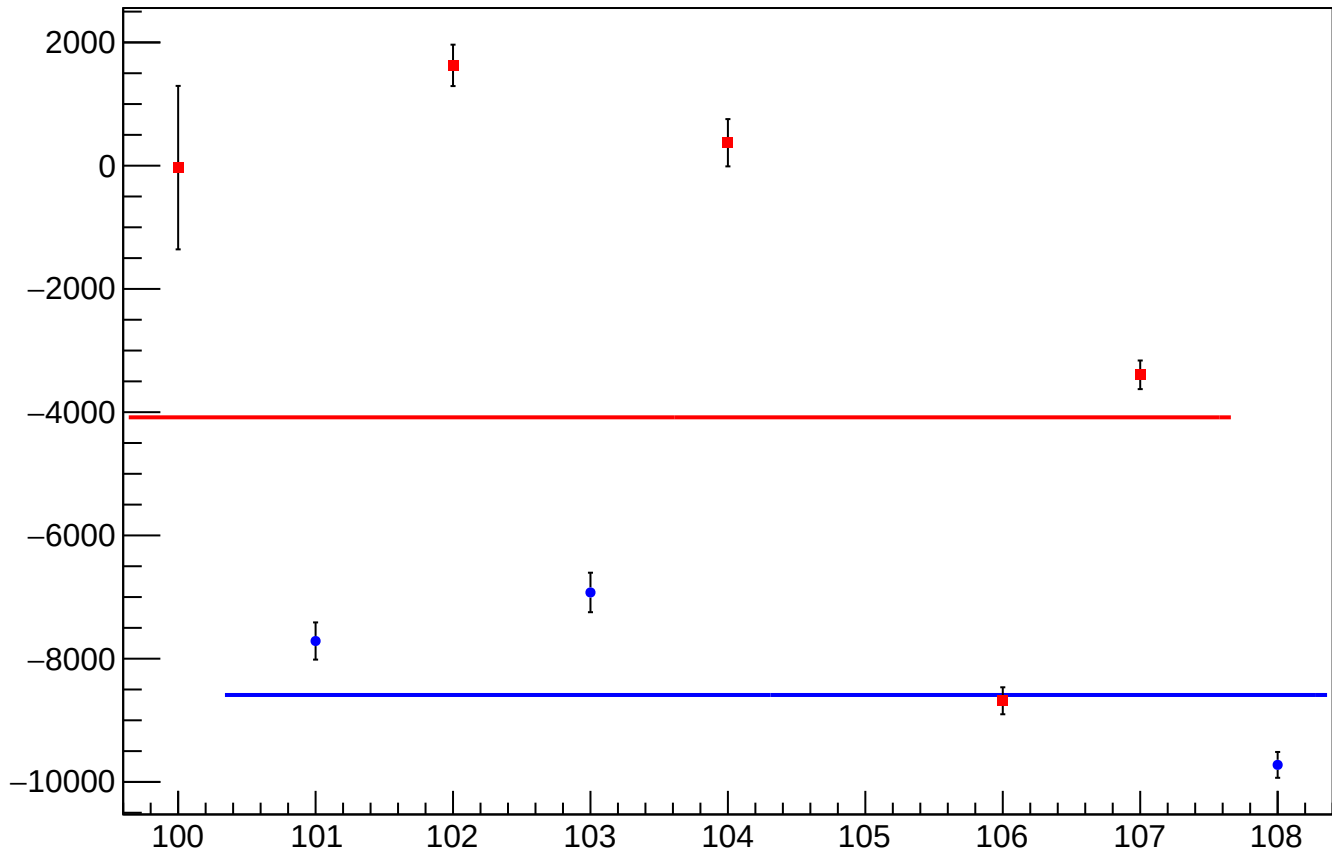
Right: 305.476+/-0.119 χ^2/NDF : 170625.0/7

In: 305.522+/-0.170 χ^2/NDF : 23326.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 305.476+/-0.119 χ^2/NDF : 170625.0/7

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -8588.949+/-151.675 χ^2/NDF : 64.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4083.636+/-134.058 χ^2/NDF : 883.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

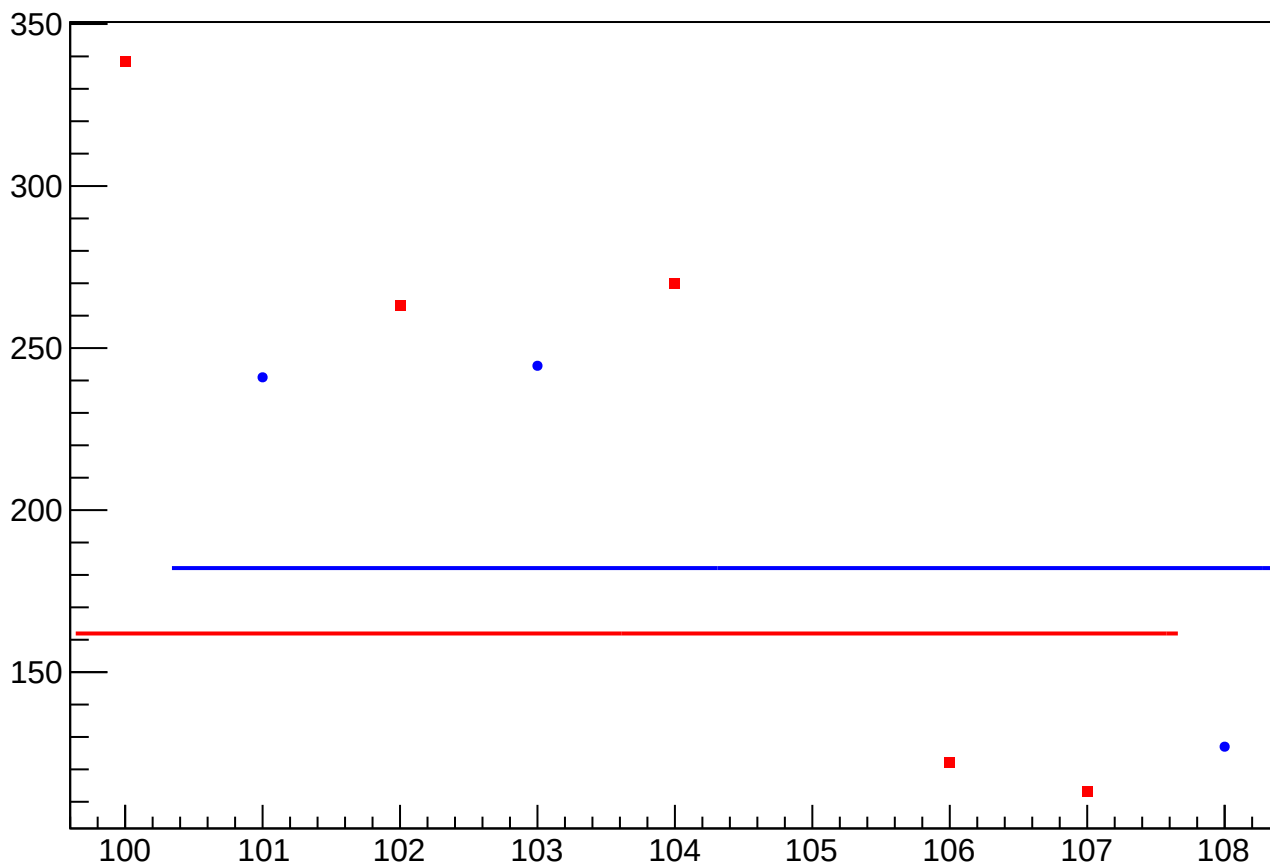
Right: -6059.571+/-100.447 χ^2/NDF : 1443.7/7

In: -8588.949+/-151.675 χ^2/NDF : 64.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6059.571+/-100.447 χ^2/NDF : 1443.7/7

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 182.114+/-0.107 χ^2/NDF : 290189.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 161.930+/-0.095 χ^2/NDF : 529141.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

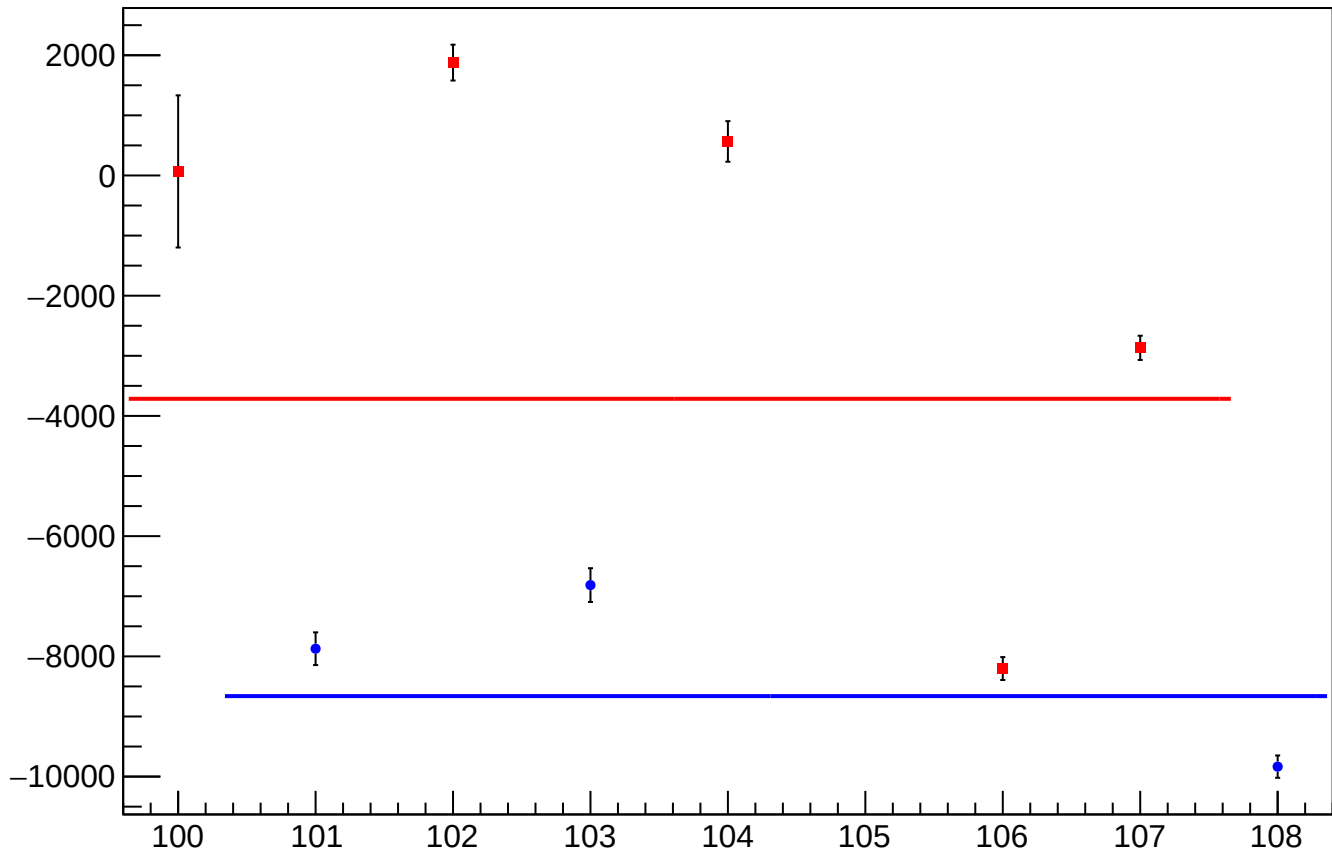
Right: 170.782+/-0.071 χ^2/NDF : 839213.9/7

In: 182.114+/-0.107 χ^2/NDF : 290189.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.782+/-0.071 χ^2/NDF : 839213.9/7

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: -8661.236+/-134.563 χ^2/NDF : 91.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3715.298+/-117.246 χ^2/NDF : 1093.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

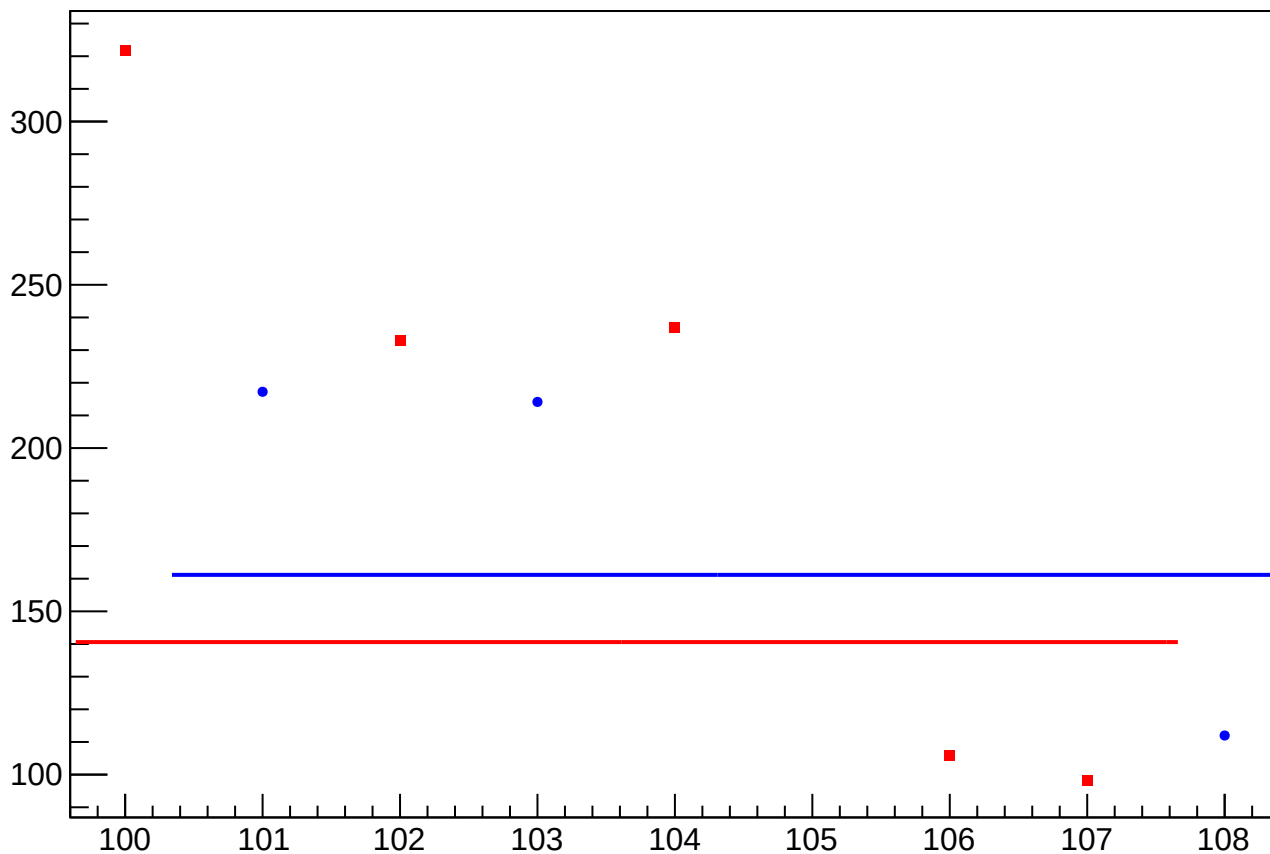
Right: -5849.734+/-88.398 χ^2/NDF : 1952.7/7

In: -8661.236+/-134.563 χ^2/NDF : 91.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5849.734+/-88.398 χ^2/NDF : 1952.7/7

asym_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 161.173+/-0.095 χ^2/NDF : 296602.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 140.586+/-0.083 χ^2/NDF : 548952.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

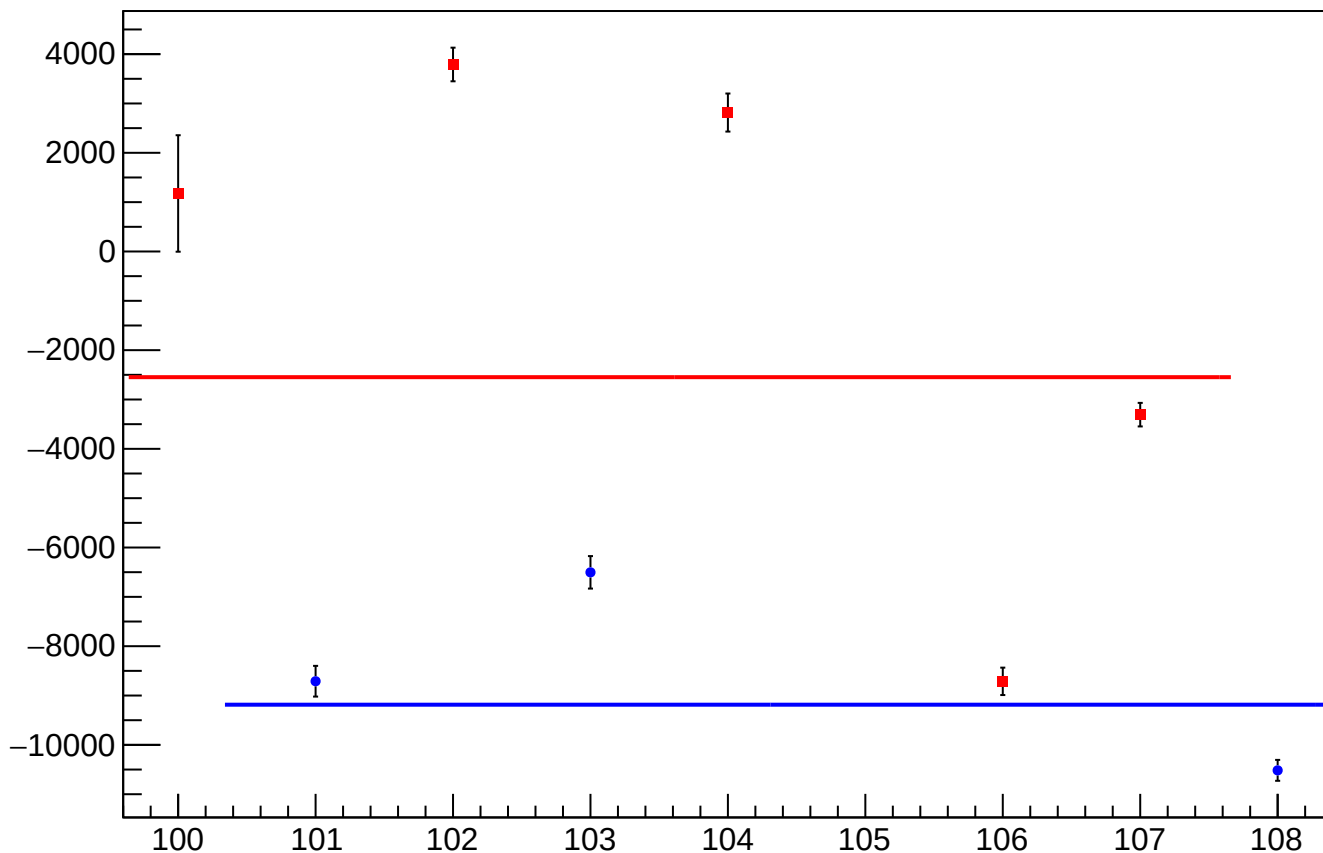
Right: 149.471+/-0.063 χ^2/NDF : 872165.7/7

In: 161.173+/-0.095 χ^2/NDF : 296602.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.471+/-0.063 χ^2/NDF : 872165.7/7

asym_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: -9185.676+/-154.624 χ^2/NDF : 108.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2547.370+/-146.507 χ^2/NDF : 1052.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

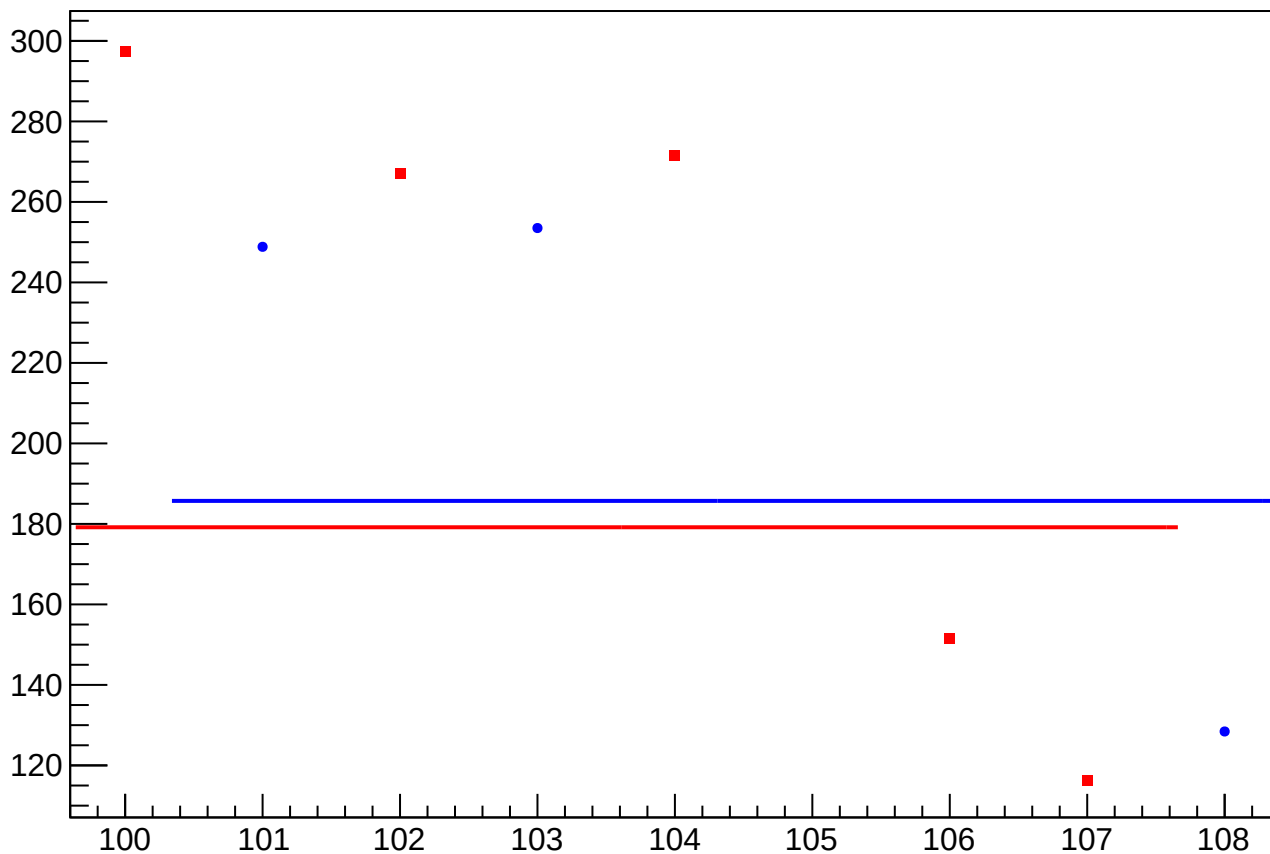
Right: -5687.703+/-106.350 χ^2/NDF : 2131.9/7

In: -9185.676+/-154.624 χ^2/NDF : 108.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5687.703+/-106.350 χ^2/NDF : 2131.9/7

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 185.718 $\pm$ 0.109 χ^2 /NDF: 313294.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 179.165 $\pm$ 0.104 χ^2 /NDF: 426586.8/4

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

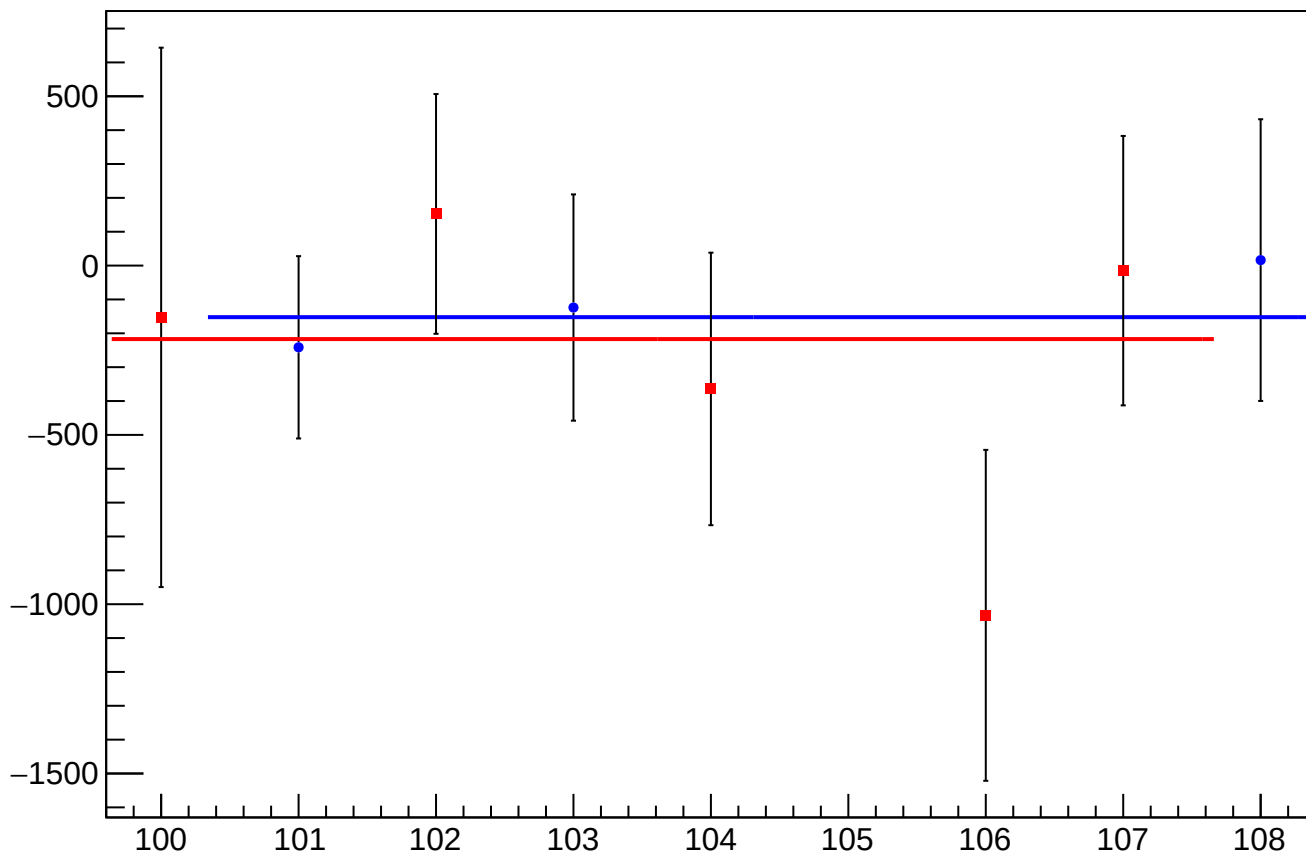
Right: 182.265 $\pm$ 0.075 χ^2 /NDF: 741773.6/7

In: 185.718 $\pm$ 0.109 χ^2 /NDF:313294.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 182.265 $\pm$ 0.075 χ^2 /NDF: 741773.6/7

asym_bcm_2an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -152.312 $\pm$ 187.197 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -217.026 $\pm$ 195.231 χ^2 /NDF: 4.3/4

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

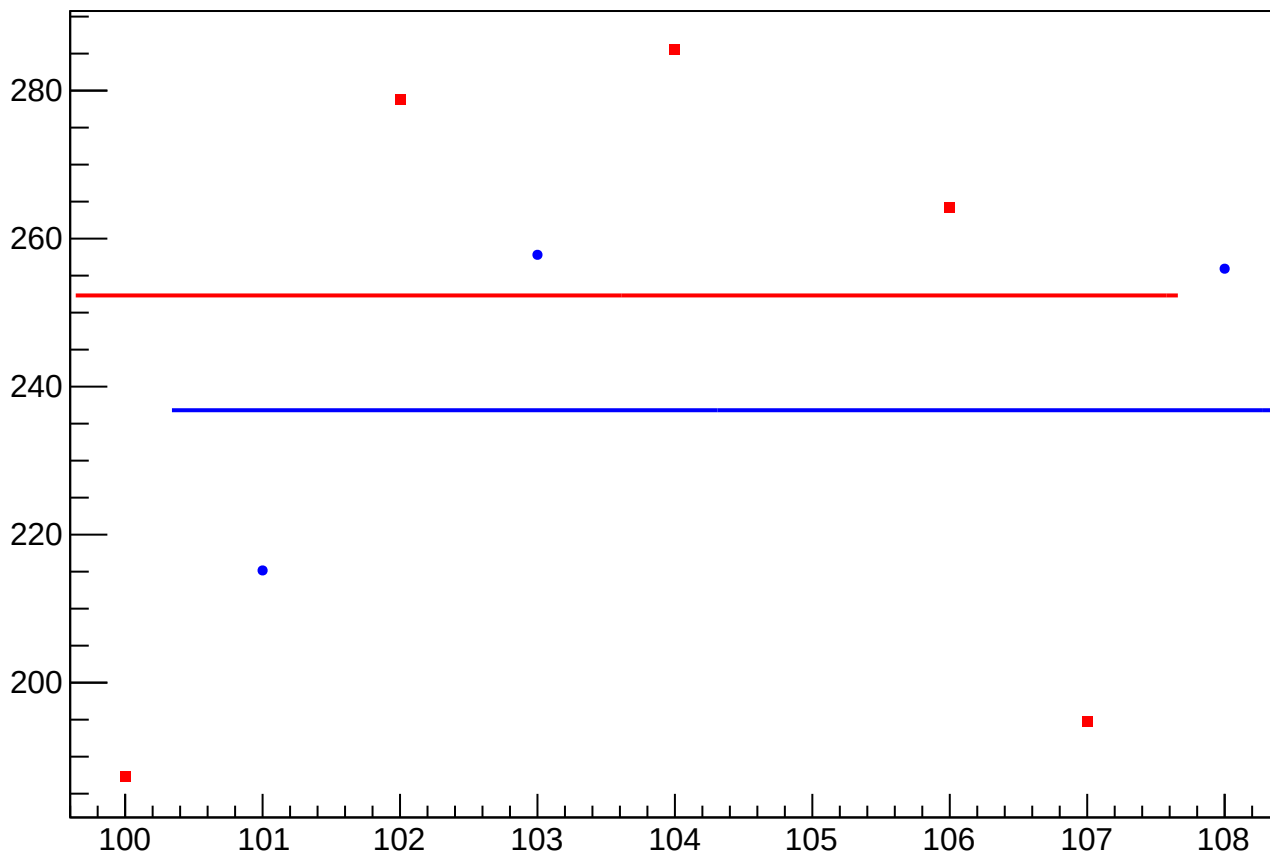
Right: -183.310 $\pm$ 135.119 χ^2 /NDF: 4.6/7

In: -152.312 $\pm$ 187.197 χ^2 /NDF: 0.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -183.310 $\pm$ 135.119 χ^2 /NDF: 4.6/7

asym_bcm_2an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 236.811+/-0.132 χ^2/NDF : 25063.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 252.321+/-0.138 χ^2/NDF : 81256.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

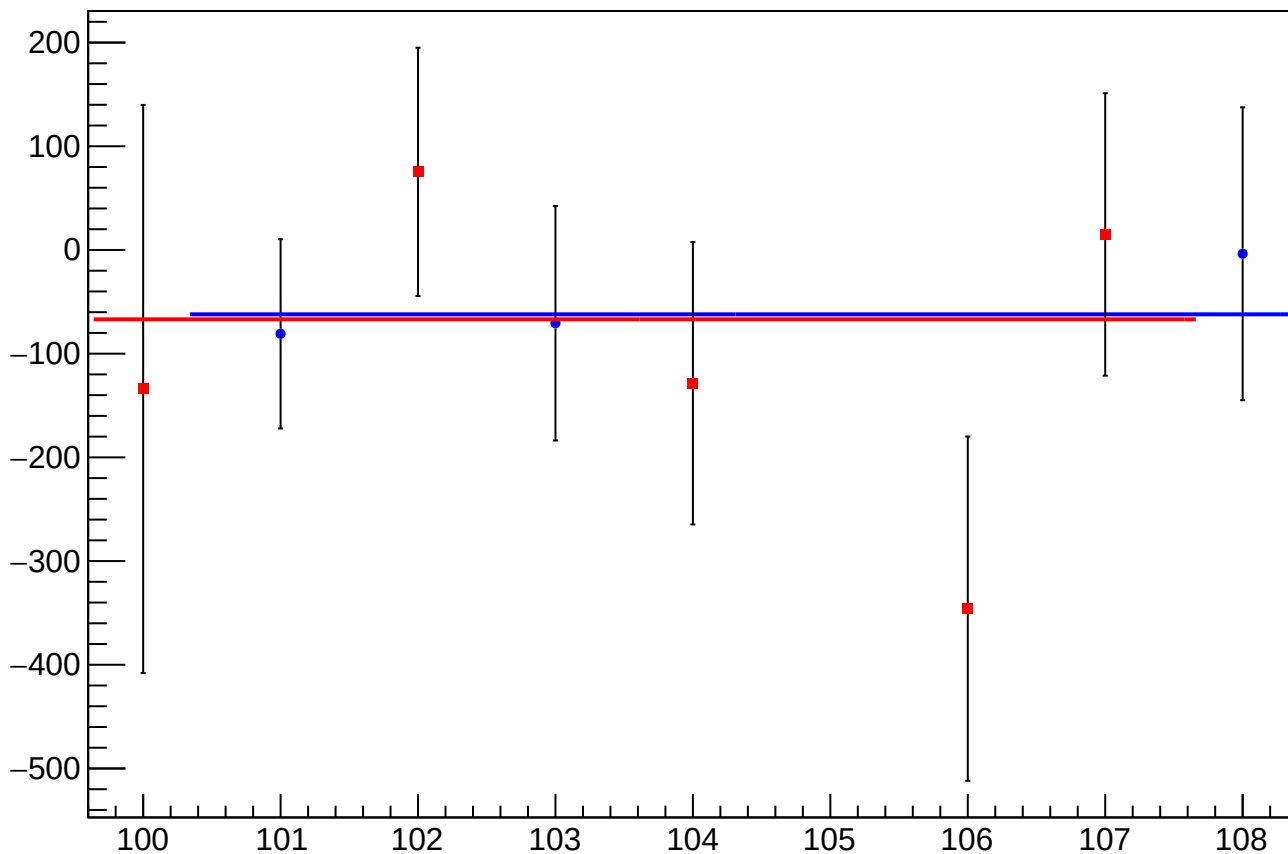
Right: 244.240+/-0.096 χ^2/NDF : 112896.8/7

In: 236.811+/-0.132 χ^2/NDF : 25063.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 244.240+/-0.096 χ^2/NDF : 112896.8/7

asym_bcm_2an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -62.071+/-63.443 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -66.914+/-66.327 χ^2/NDF : 4.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

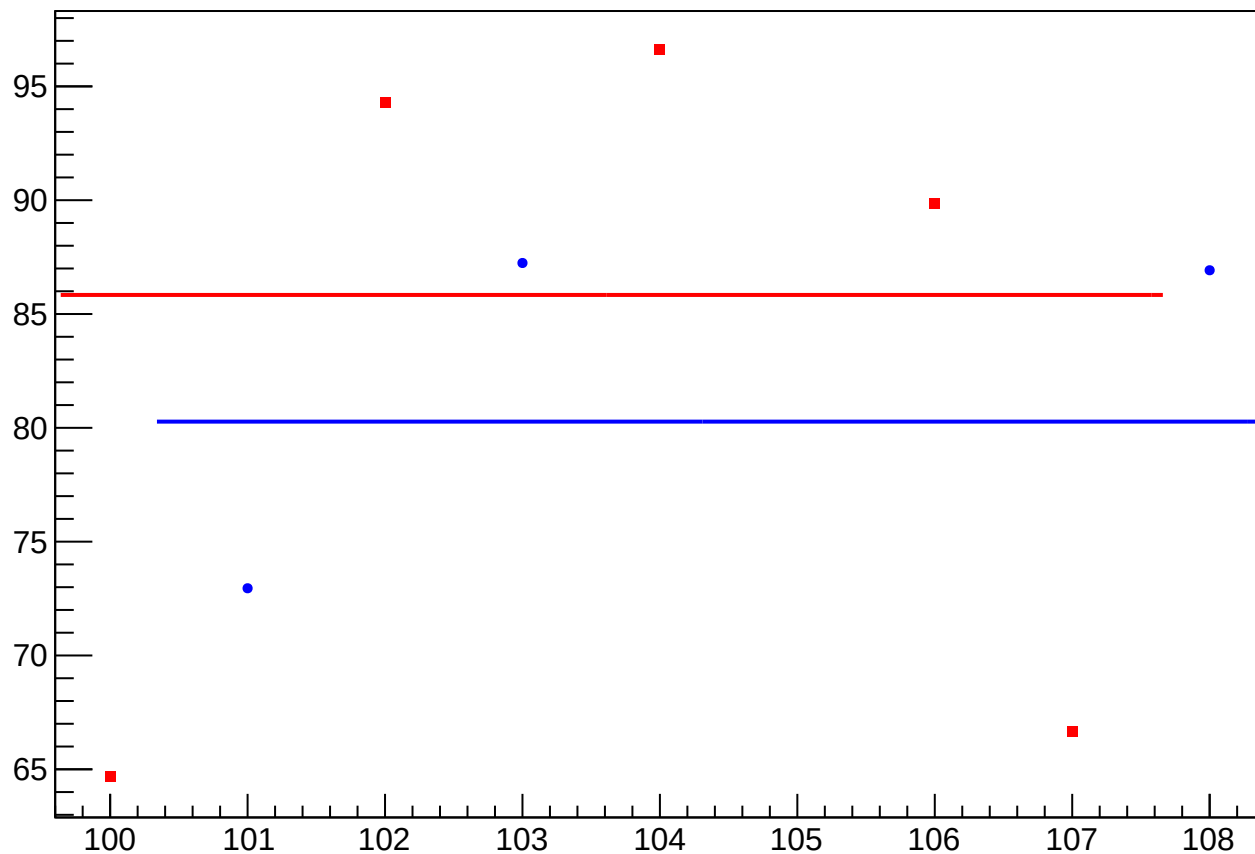
Right: -64.385+/-45.847 χ^2/NDF : 5.1/7

In: -62.071+/-63.443 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -64.385+/-45.847 χ^2/NDF : 5.1/7

asym_bcm_2an_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 80.273+/-0.045 χ^2/NDF : 24900.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.838+/-0.047 χ^2/NDF : 75334.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

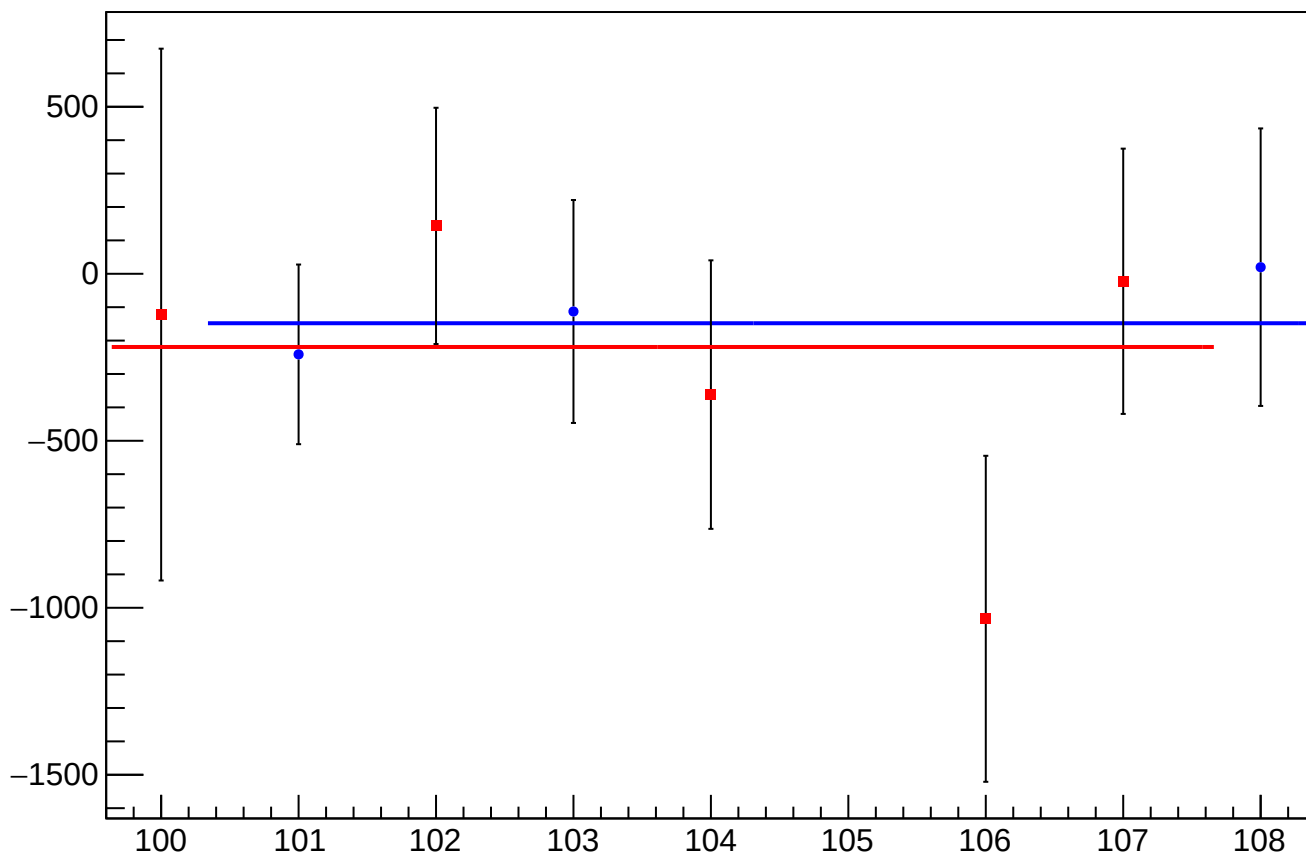
Right: 82.932+/-0.032 χ^2/NDF : 107586.6/7

In: 80.273+/-0.045 χ^2/NDF : 24900.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.932+/-0.032 χ^2/NDF : 107586.6/7

asym_bcm_an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -148.068 $\pm$ 187.003 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -219.166 $\pm$ 194.989 χ^2 /NDF: 4.2/4

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

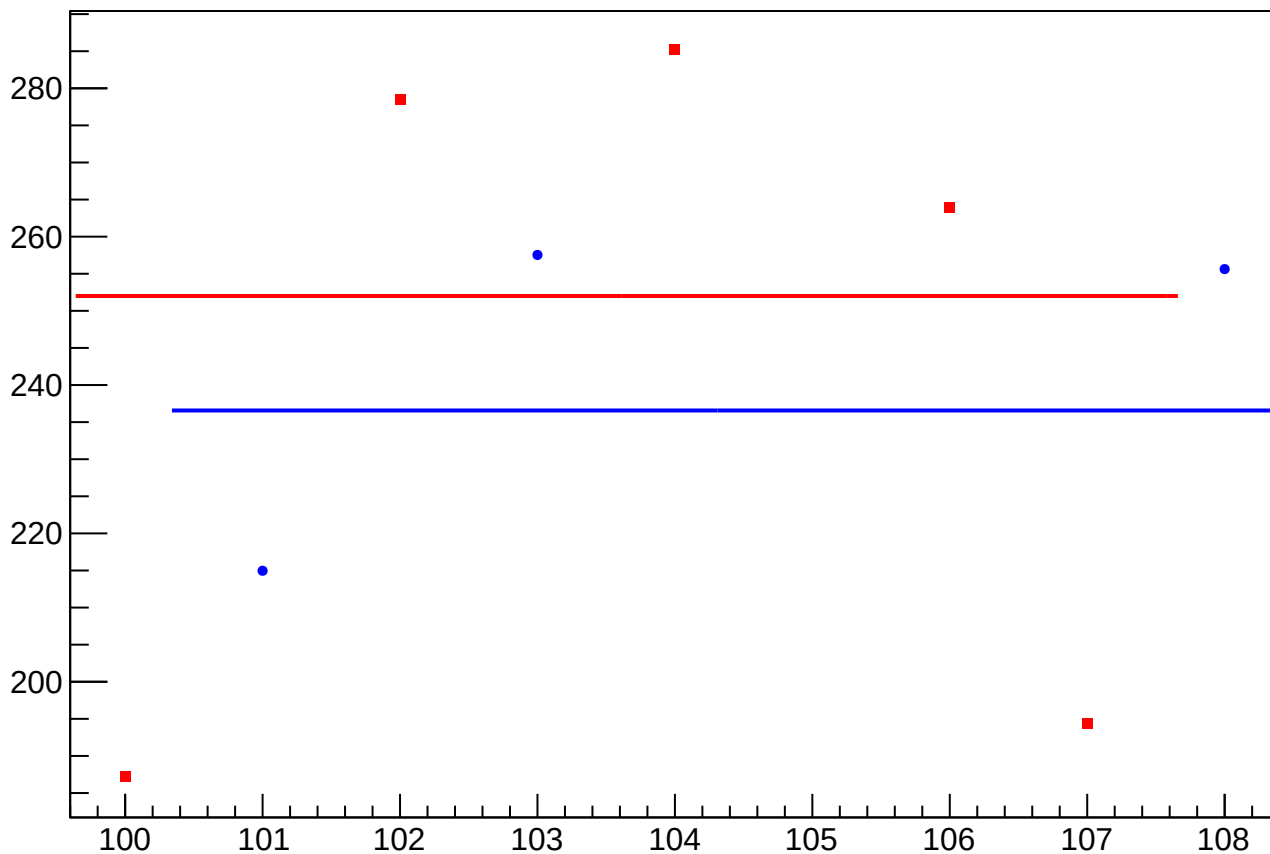
Right: -182.132 $\pm$ 134.966 χ^2 /NDF: 4.6/7

In: -148.068 $\pm$ 187.003 χ^2 /NDF: 0.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -182.132 $\pm$ 134.966 χ^2 /NDF: 4.6/7

asym_bcm_an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 236.568+/-0.132 χ^2/NDF : 25012.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 252.001+/-0.138 χ^2/NDF : 81439.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

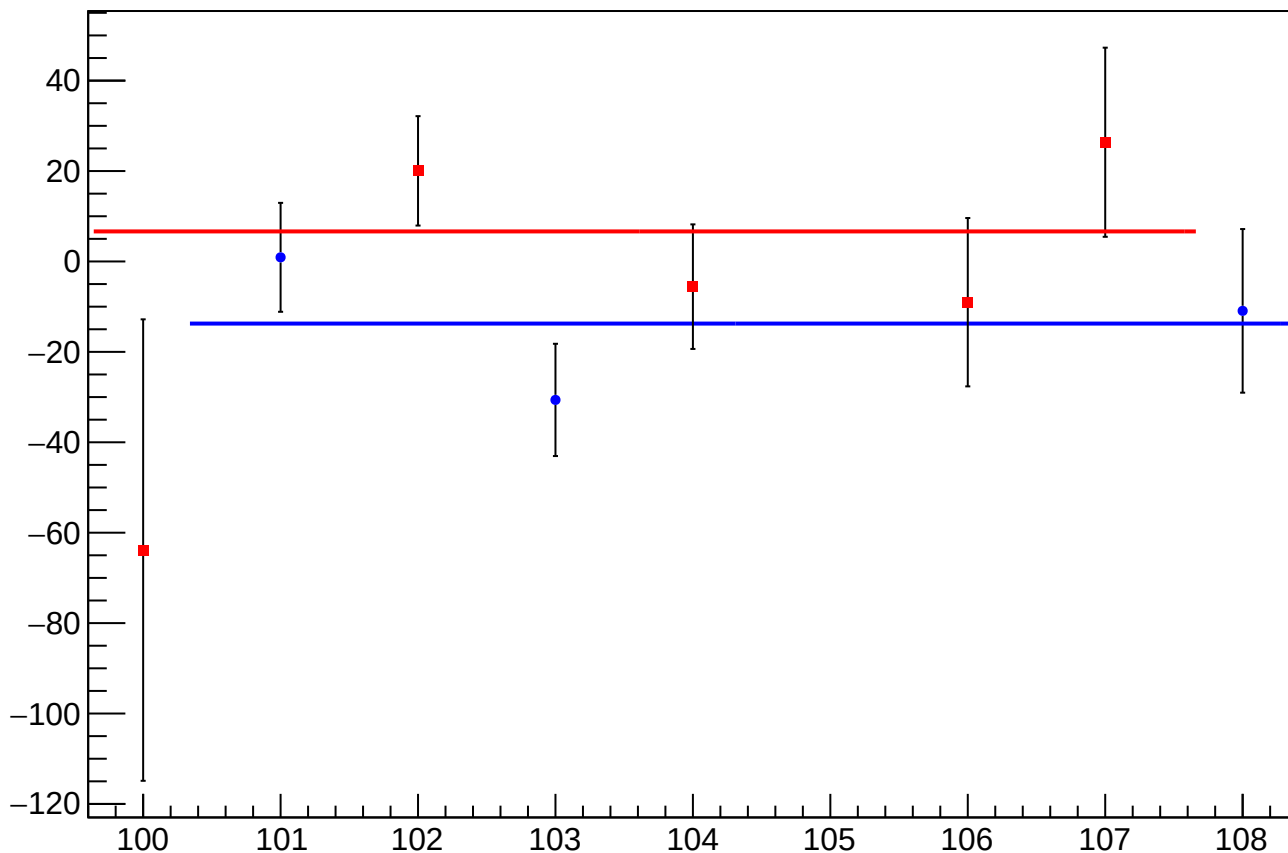
Right: 243.962+/-0.095 χ^2/NDF : 112977.9/7

In: 236.568+/-0.132 χ^2/NDF : 25012.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 243.962+/-0.095 χ^2/NDF : 112977.9/7

asym_bcm_an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -13.741 $\pm$ 7.802 χ^2 /NDF: 3.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.645 $\pm$ 7.527 χ^2 /NDF: 5.5/4

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

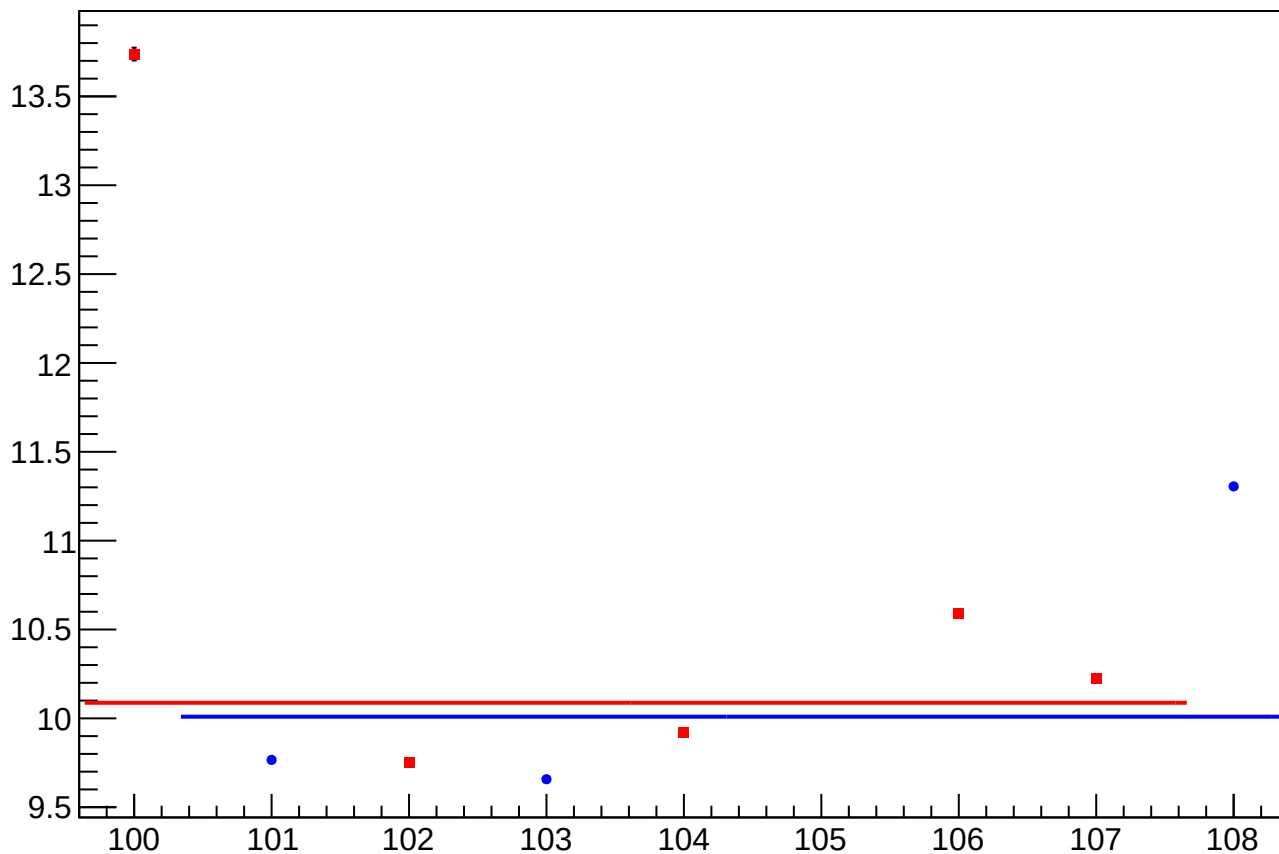
Right: -3.182 $\pm$ 5.417 χ^2 /NDF: 12.4/7

In: -13.741 $\pm$ 7.802 χ^2 /NDF: 3.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.182 $\pm$ 5.417 χ^2 /NDF: 12.4/7

asym_bcm_an_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 10.009 $\pm$ 0.006 χ^2 /NDF: 12678.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.088 $\pm$ 0.005 χ^2 /NDF: 13607.6/4

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

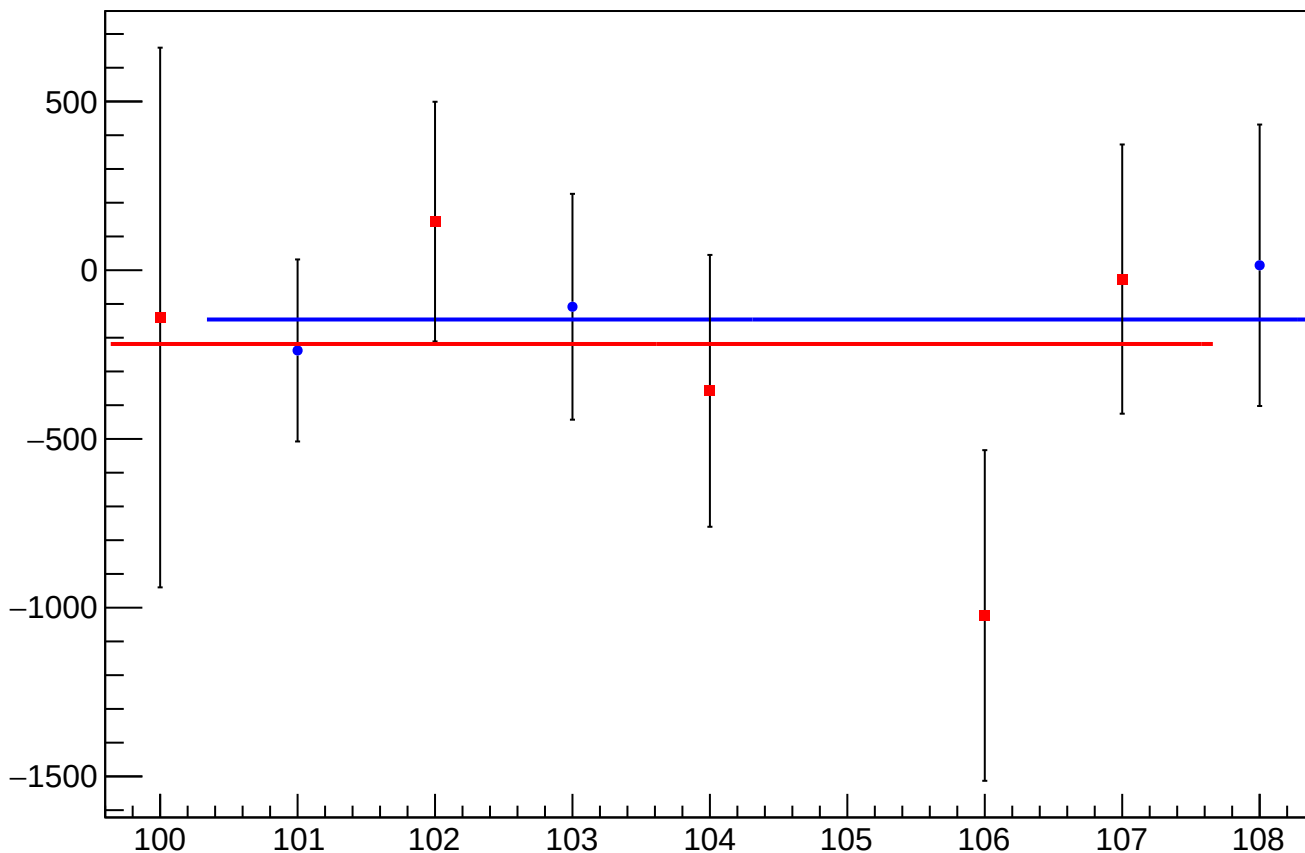
Right: 10.050 $\pm$ 0.004 χ^2 /NDF: 26390.9/7

In: 10.009 $\pm$ 0.006 χ^2 /NDF: 12678.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.050 $\pm$ 0.004 χ^2 /NDF: 26390.9/7

asym_bcm_an_us_an_ds3_avg_mean vs Slug, Sign Corrected



Right In: -146.051+/-187.552 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -218.597+/-195.698 χ^2/NDF : 4.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

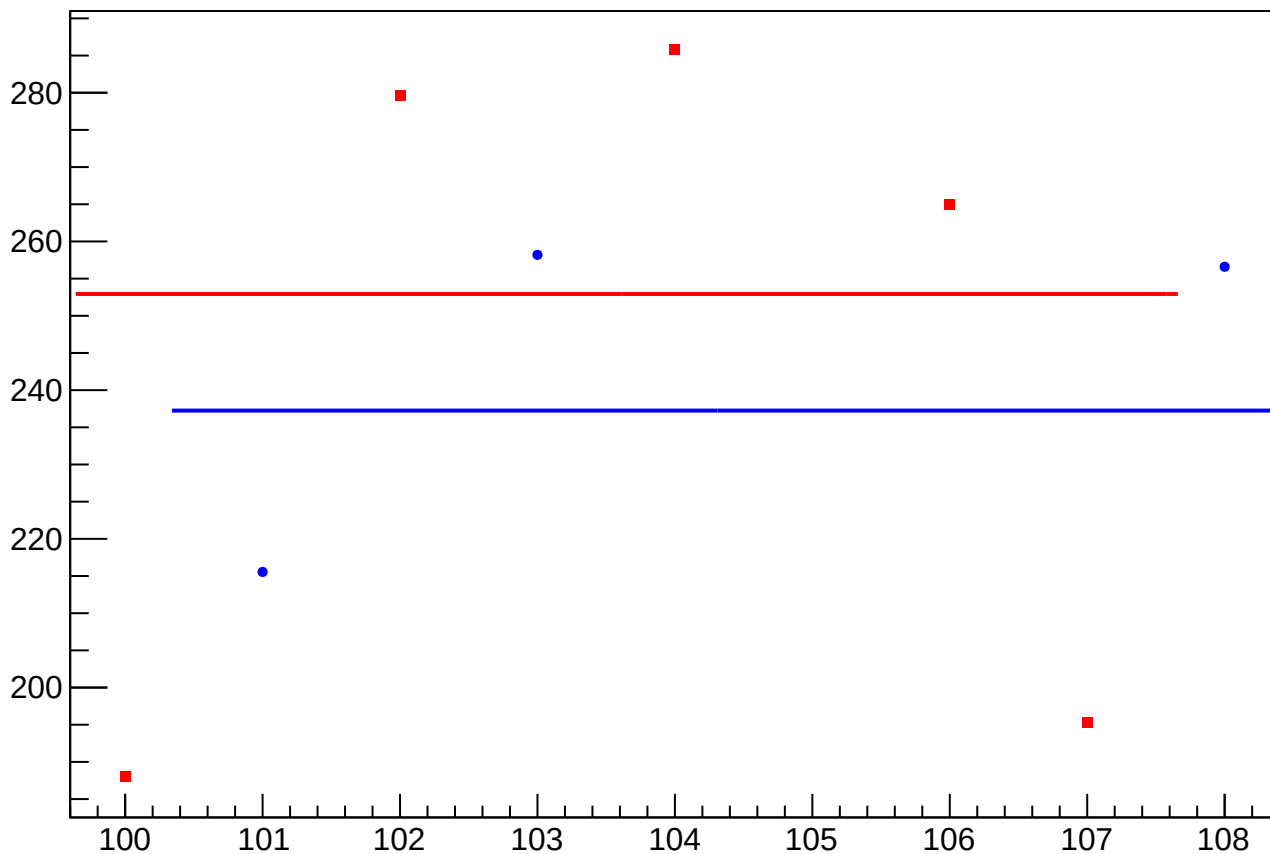
Right: -180.783+/-135.407 χ^2/NDF : 4.4/7

In: -146.051+/-187.552 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -180.783+/-135.407 χ^2/NDF : 4.4/7

asym_bcm_an_us_an_ds3_avg_rms vs Slug, Sign Corrected



Right In: 237.251+/-0.133 χ^2/NDF : 25086.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 252.936+/-0.138 χ^2/NDF : 80825.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

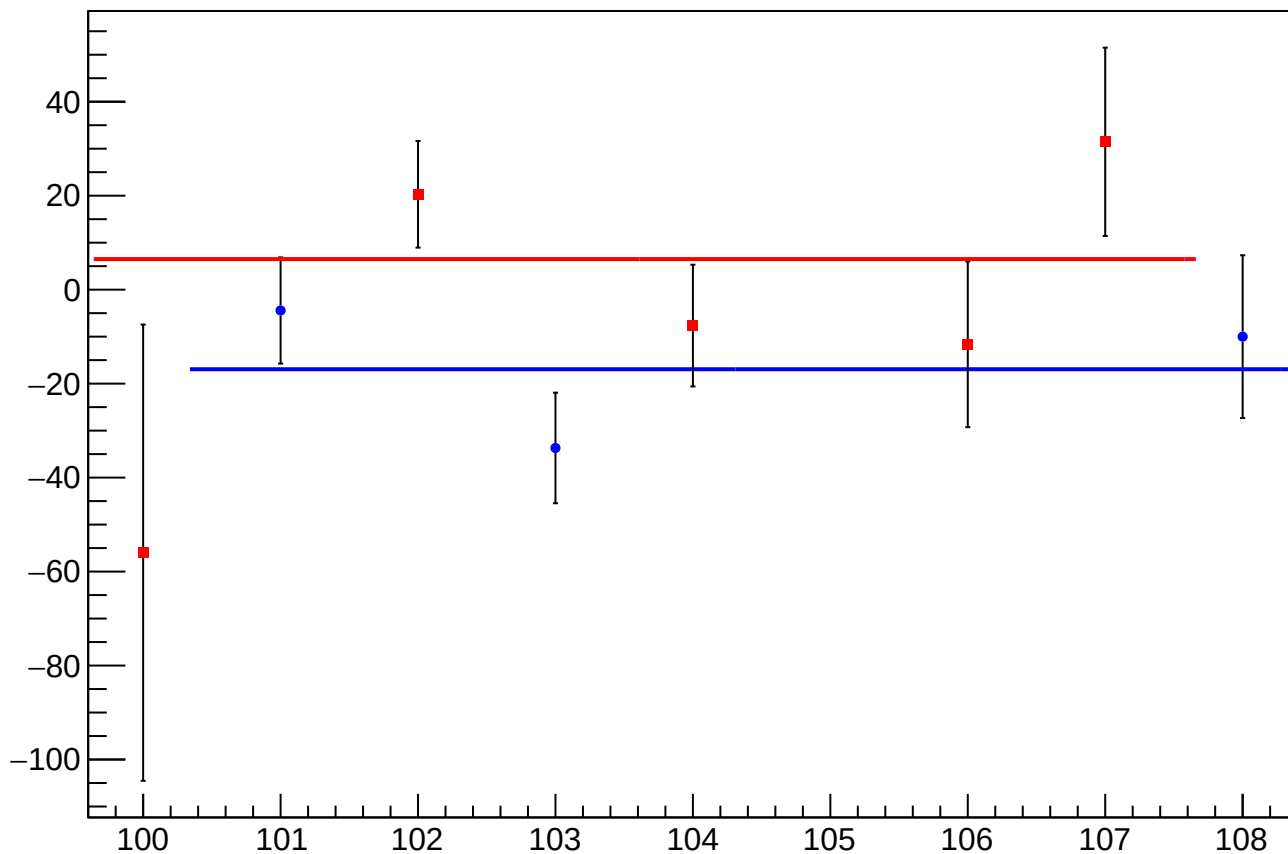
Right: 244.760+/-0.096 χ^2/NDF : 112609.1/7

In: 237.251+/-0.133 χ^2/NDF : 25086.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 244.760+/-0.096 χ^2/NDF : 112609.1/7

asym_bcm_an_us_an_ds3_dd_mean vs Slug, Sign Corrected



Right In: -16.936 $\pm$ 7.376 χ^2 /NDF: 3.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 6.510 $\pm$ 7.097 χ^2 /NDF: 6.9/4

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

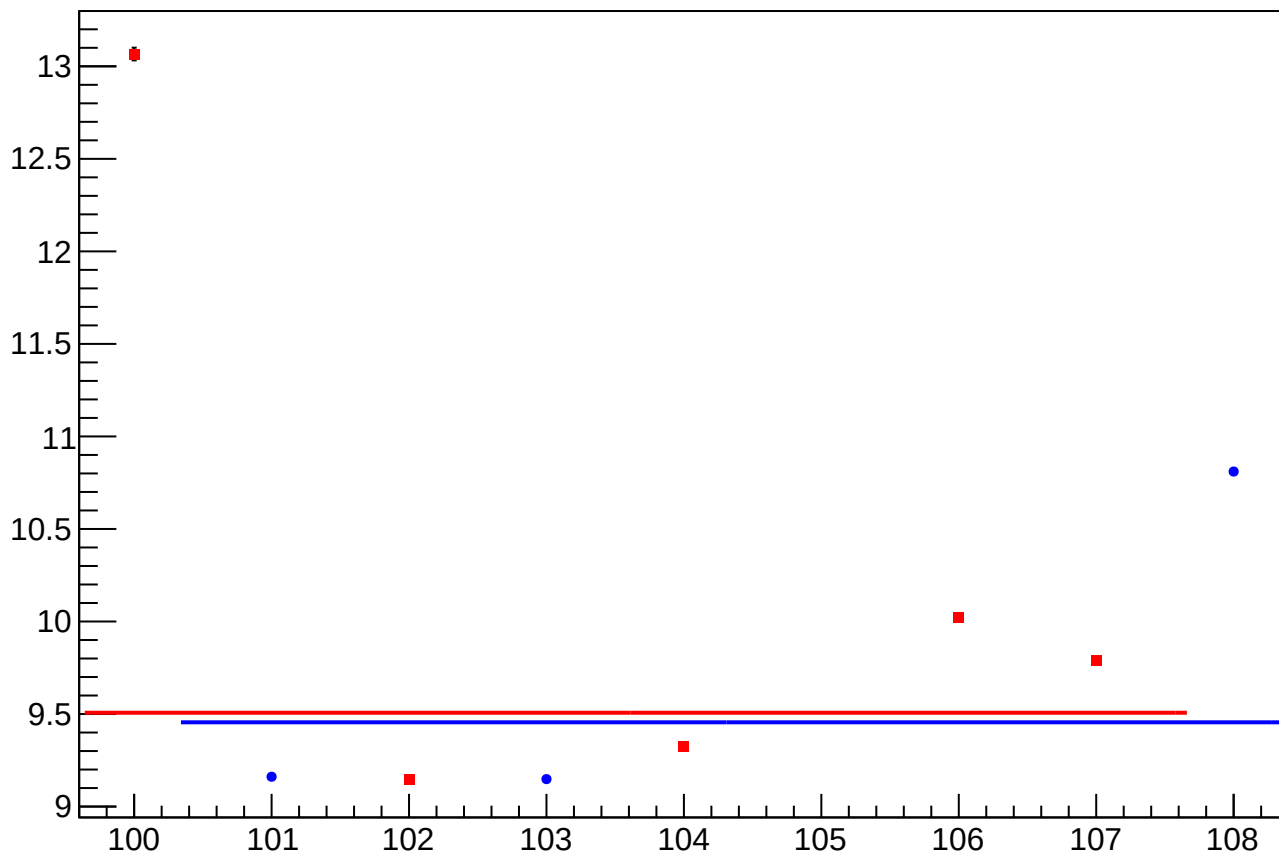
Right: -4.762 $\pm$ 5.114 χ^2 /NDF: 15.6/7

In: -16.936 $\pm$ 7.376 χ^2 /NDF:3.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.762 $\pm$ 5.114 χ^2 /NDF: 15.6/7

asym_bcm_an_us_an_ds3_dd_rms vs Slug, Sign Corrected



Right In: 9.455+/-0.005 χ^2/NDF : 14957.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.507+/-0.005 χ^2/NDF : 15236.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

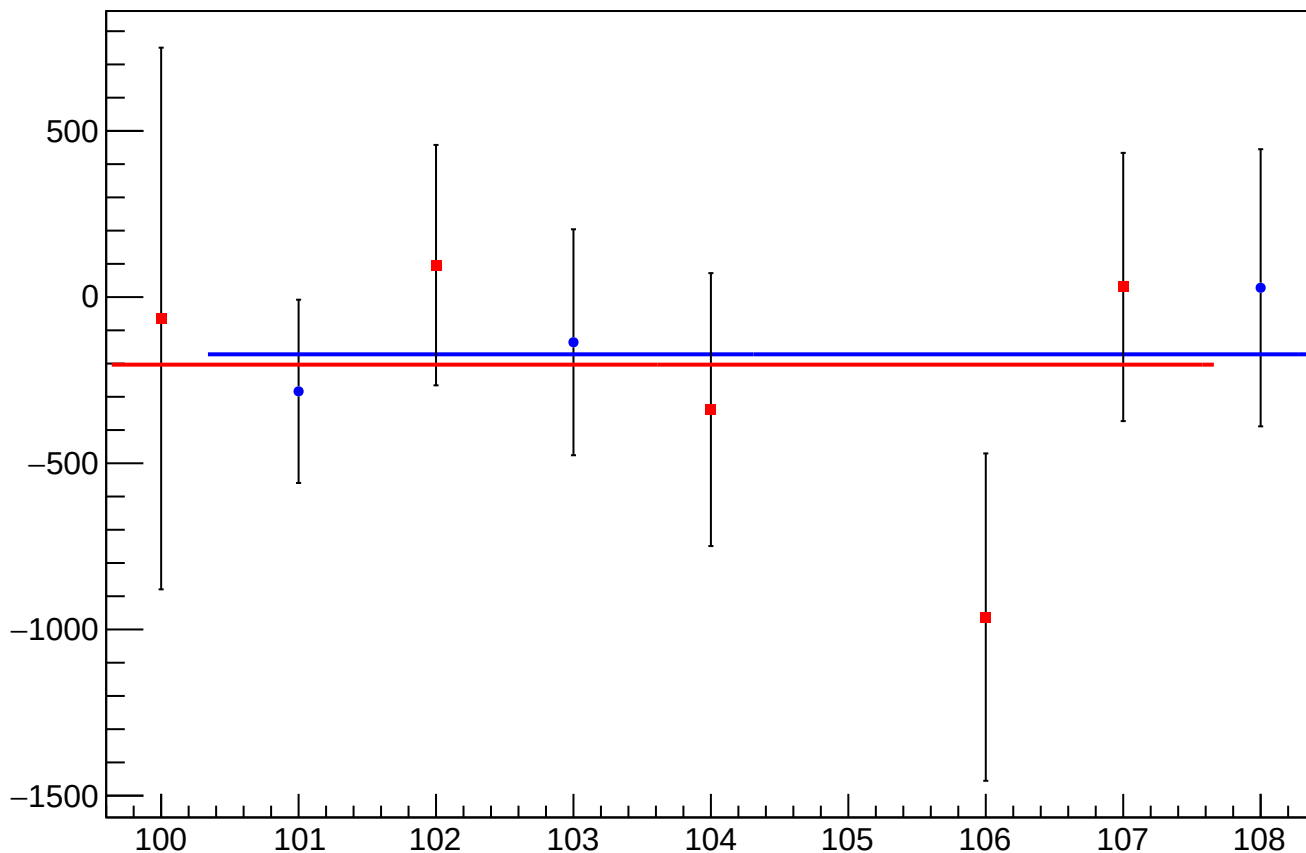
Right: 9.482+/-0.004 χ^2/NDF : 30245.4/7

In: 9.455+/-0.005 χ^2/NDF : 14957.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.482+/-0.004 χ^2/NDF : 30245.4/7

asym_bcm_dg_us_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: -172.149+/-190.478 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -203.285+/-198.630 χ^2/NDF : 3.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

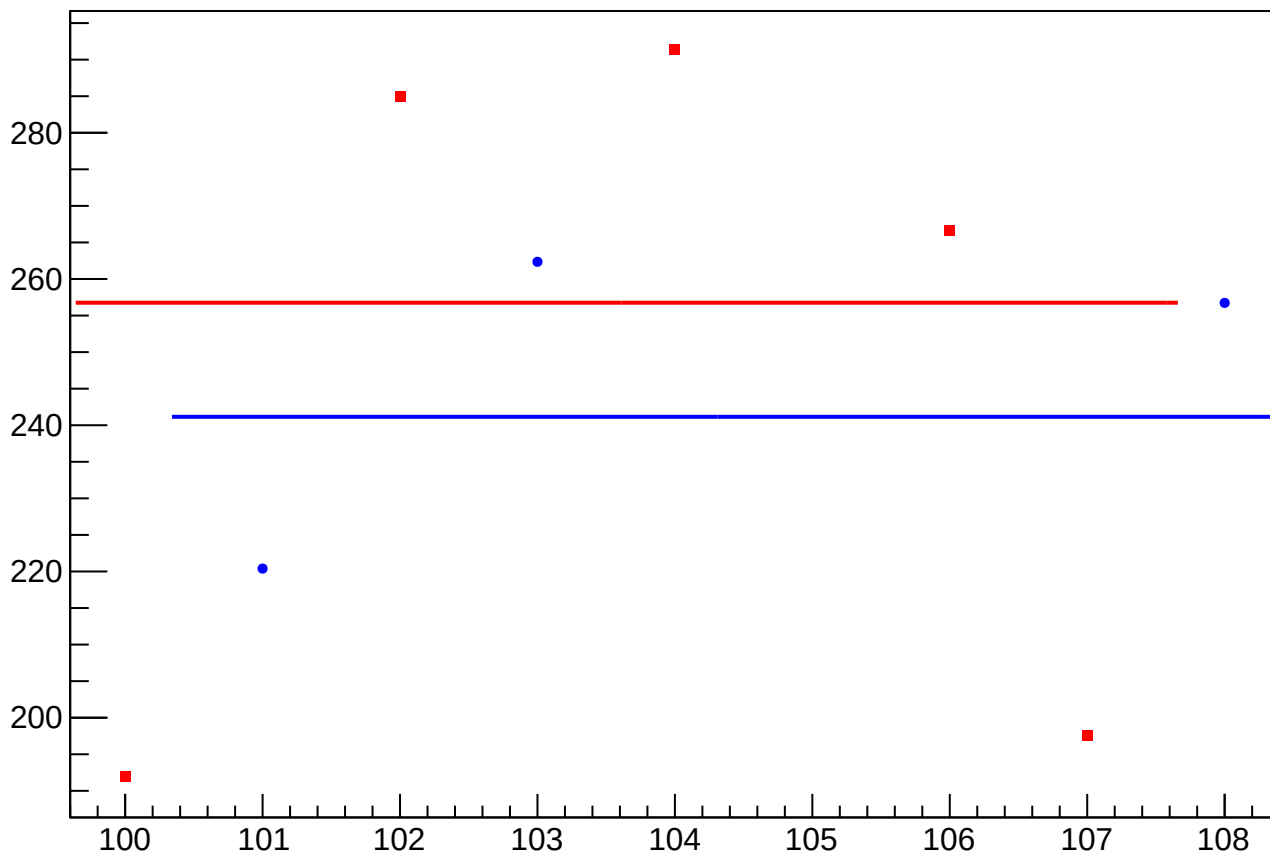
Right: -187.065+/-137.480 χ^2/NDF : 4.0/7

In: -172.149+/-190.478 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -187.065+/-137.480 χ^2/NDF : 4.0/7

asym_bcm_dg_us_dg_ds_avg_rms vs Slug, Sign Corrected



Right In: 241.154 $\pm$ 0.135 χ^2 /NDF: 21908.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 256.757 $\pm$ 0.140 χ^2 /NDF: 82816.1/4

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

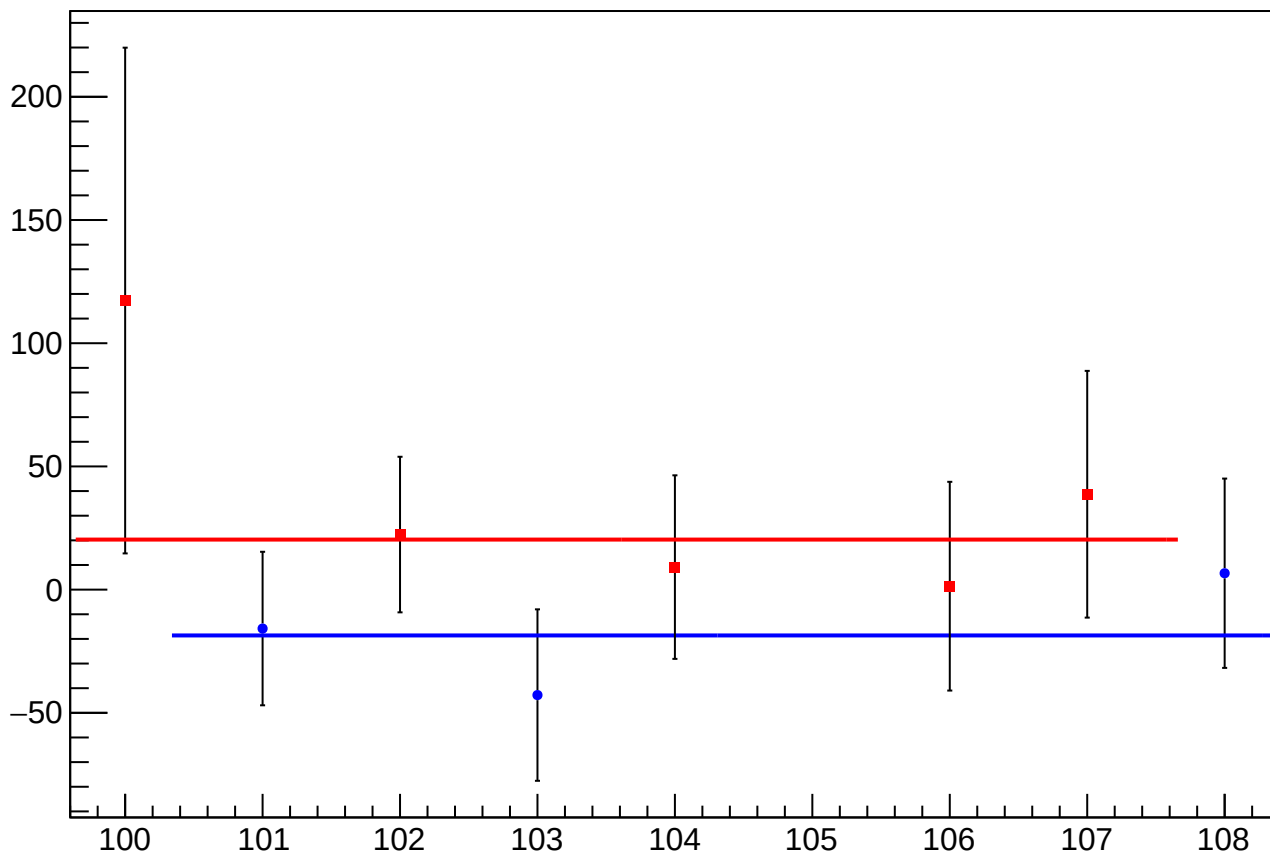
Right: 248.629 $\pm$ 0.097 χ^2 /NDF: 111153.8/7

In: 241.154 $\pm$ 0.135 χ^2 /NDF:21908.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 248.629 $\pm$ 0.097 χ^2 /NDF: 111153.8/7

asym_bcm_dg_us_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: -18.593 $\pm$ 19.864 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 20.312 $\pm$ 18.981 χ^2 /NDF: 1.3/4

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

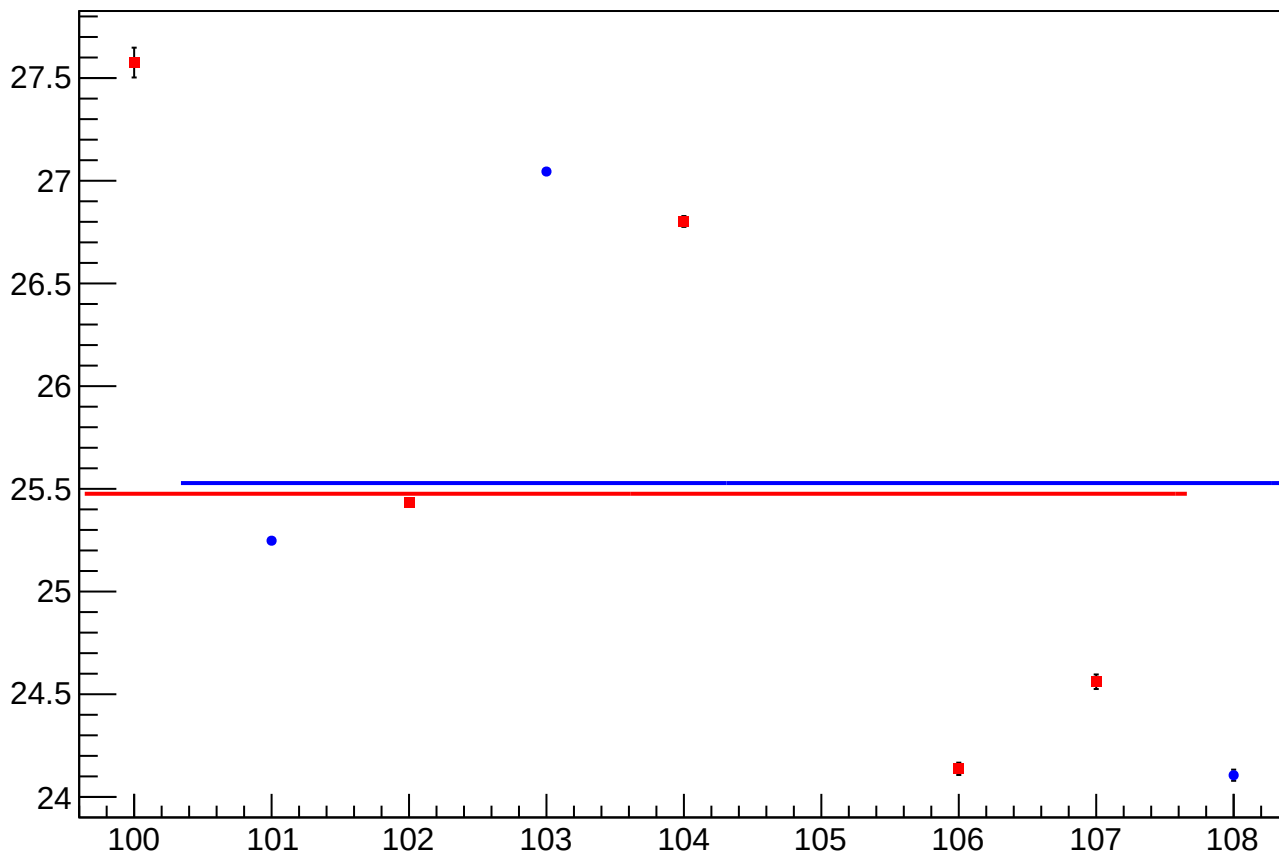
Right: 1.743 $\pm$ 13.723 χ^2 /NDF: 4.3/7

In: -18.593 $\pm$ 19.864 χ^2 /NDF:0.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.743 $\pm$ 13.723 χ^2 /NDF: 4.3/7

asym_bcm_dg_us_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 25.528+/-0.014 χ^2/NDF : 6705.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.476+/-0.013 χ^2/NDF : 6042.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

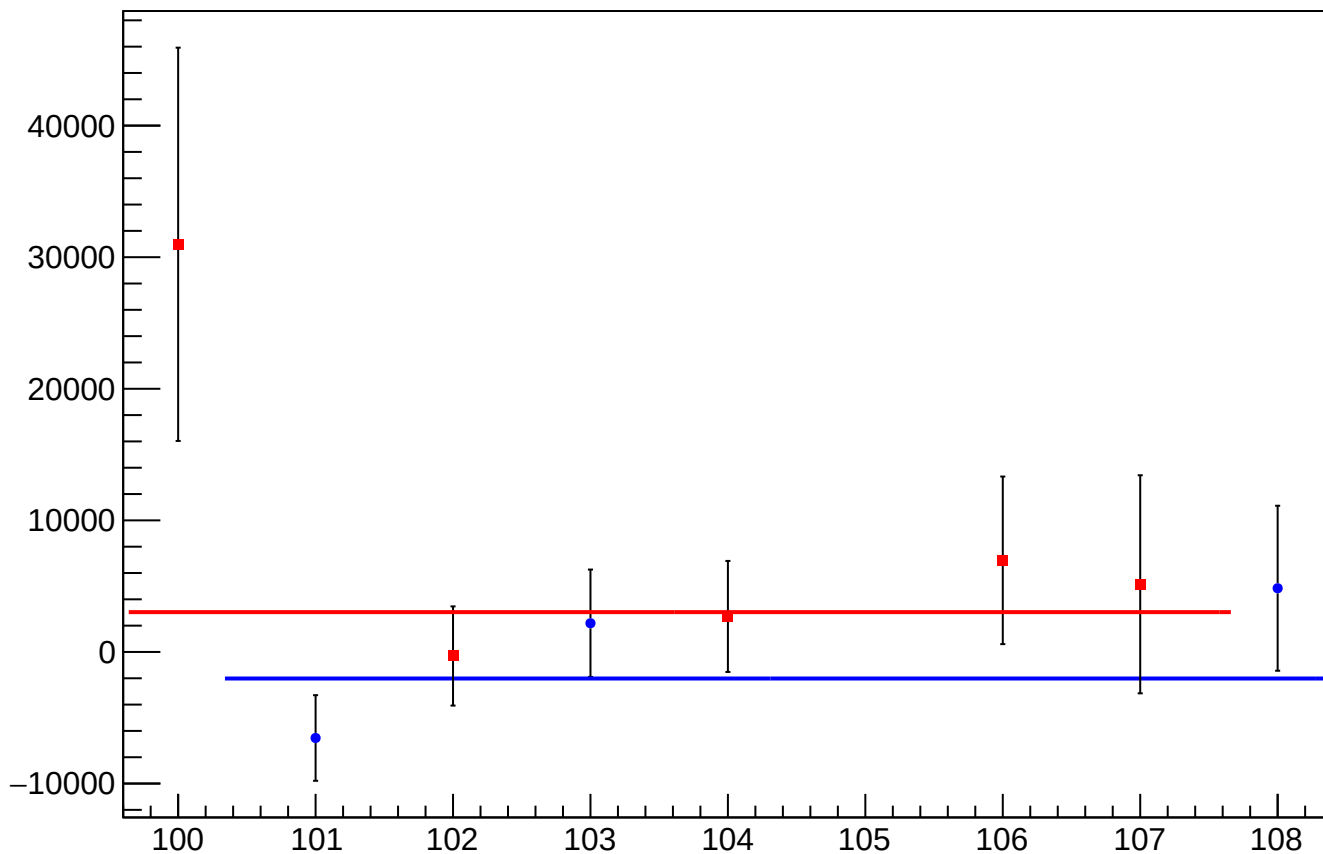
Right: 25.501+/-0.010 χ^2/NDF : 12755.1/7

In: 25.528+/-0.014 χ^2/NDF : 6705.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.501+/-0.010 χ^2/NDF : 12755.1/7

asym_bcm_cav4cQ_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -2017.748+/-2357.050 χ^2 /NDF: 4.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 3026.586+/-2423.076 χ^2 /NDF: 4.7/4

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

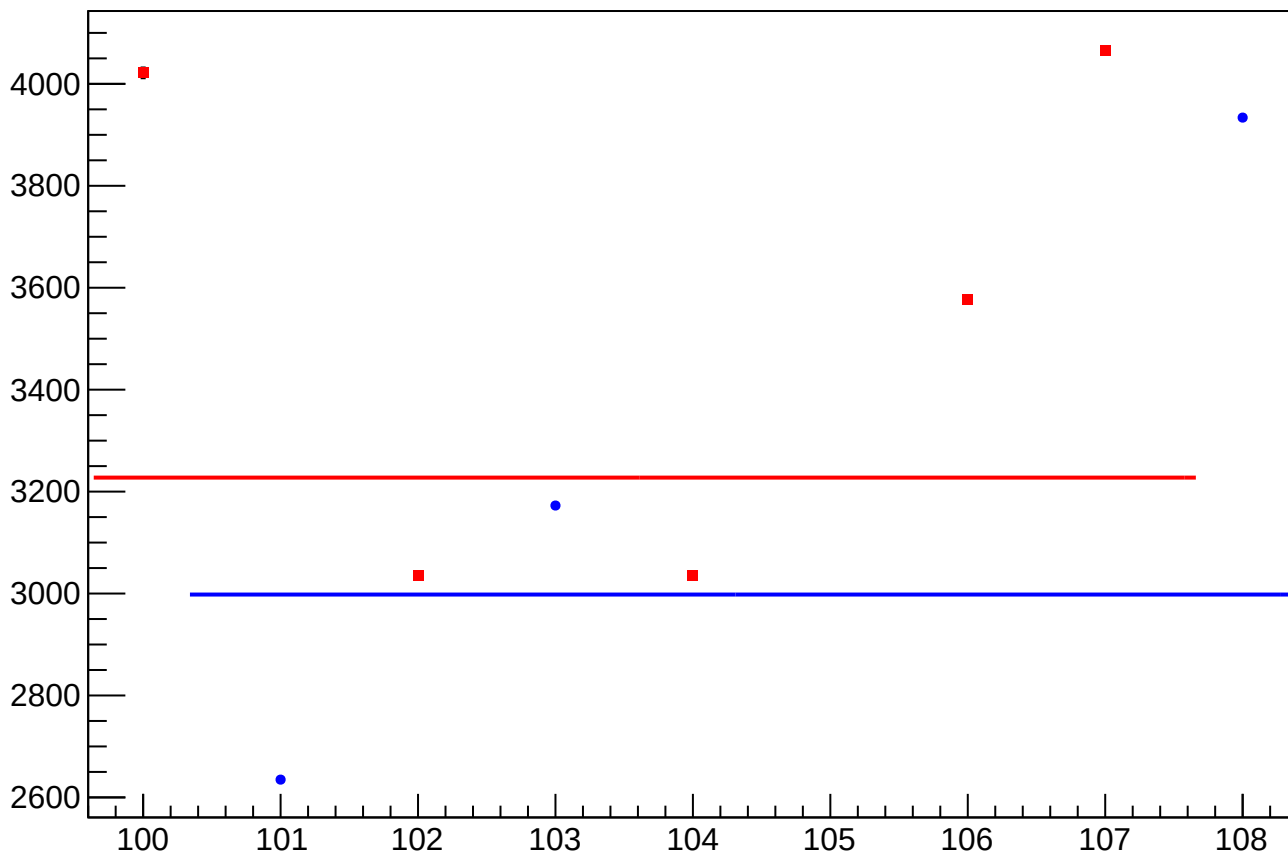
Right: 434.757+/-1689.546 χ^2 /NDF: 11.1/7

In: -2017.748+/-2357.050 χ^2 /NDF: 4.2/2

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 434.757+/-1689.546 χ^2 /NDF: 11.1/7

asym_bcm_cav4cQ_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 2998.025+/-1.667 χ^2/NDF : 73135.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3227.476+/-1.713 χ^2/NDF : 41451.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

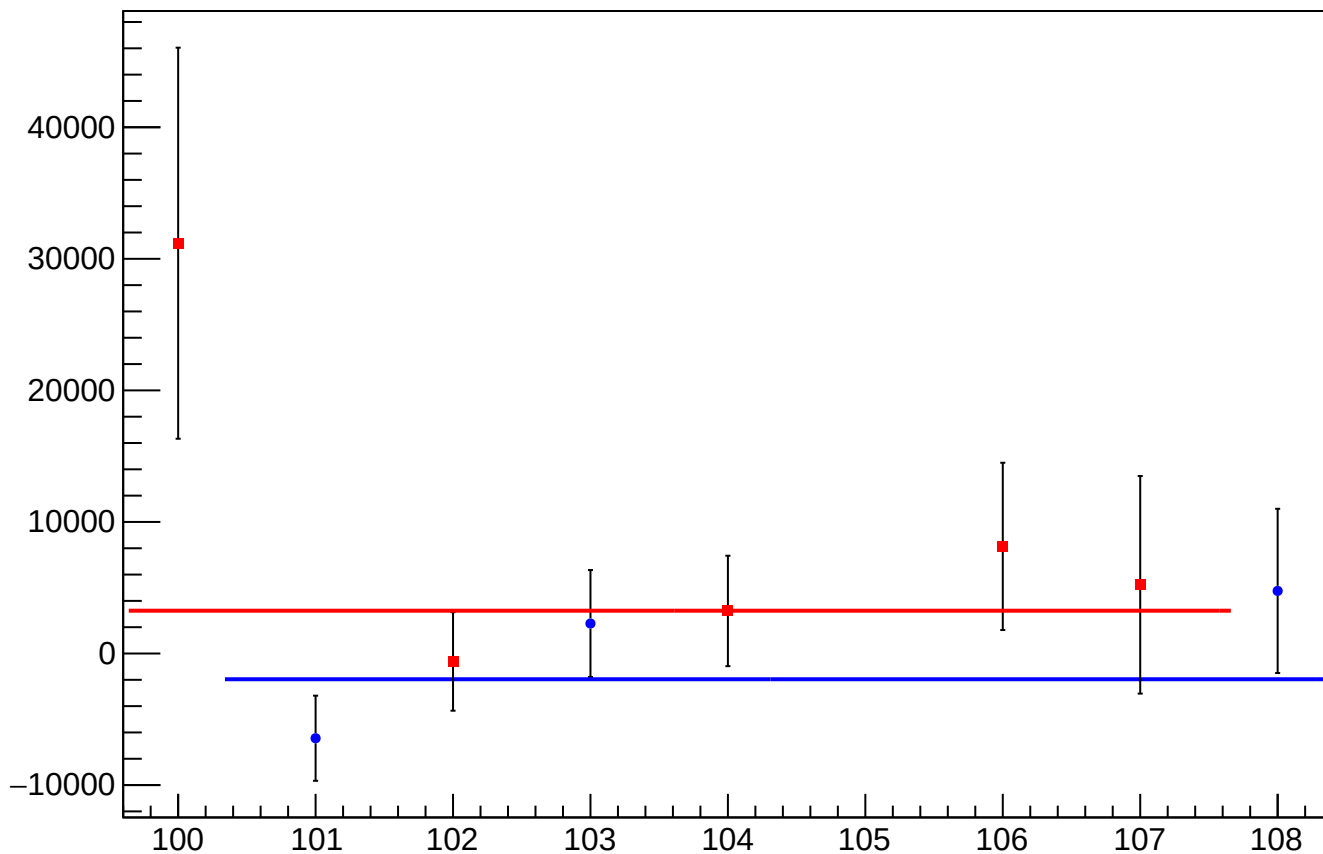
Right: 3109.582+/-1.195 χ^2/NDF : 123801.5/7

In: 2998.025+/-1.667 χ^2/NDF : 73135.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3109.582+/-1.195 χ^2/NDF : 123801.5/7

asym_bcm_cav4cQ_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -1955.950+/-2346.091 χ^2 /NDF: 4.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 3254.030+/-2411.392 χ^2 /NDF: 5.2/4

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

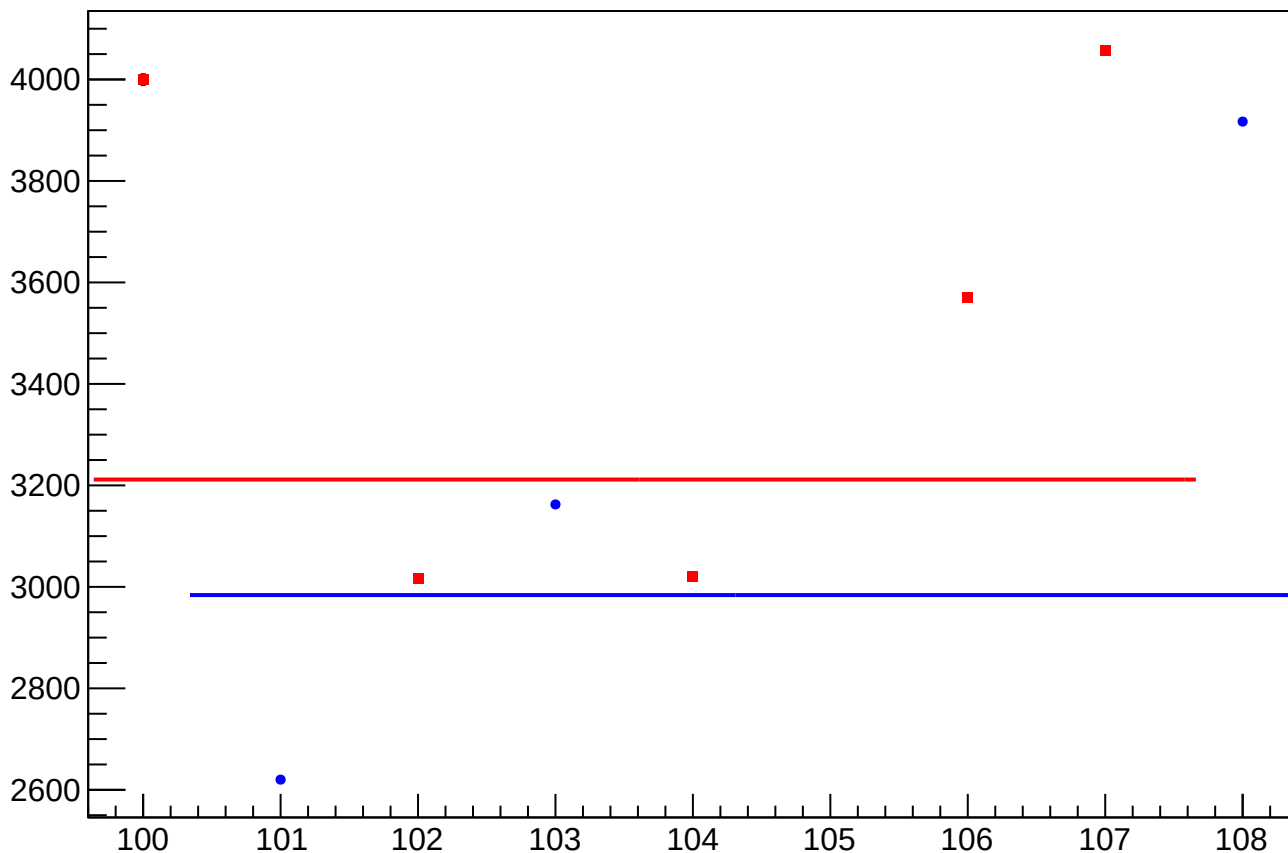
Right: 577.542+/-1681.549 χ^2 /NDF: 11.8/7

In: -1955.950+/-2346.091 χ^2 /NDF: 4.2/2

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 577.542+/-1681.549 χ^2 /NDF: 11.8/7

asym_bcm_cav4cQ_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 2983.844+/-1.659 χ^2/NDF : 73835.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3211.532+/-1.705 χ^2/NDF : 42542.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

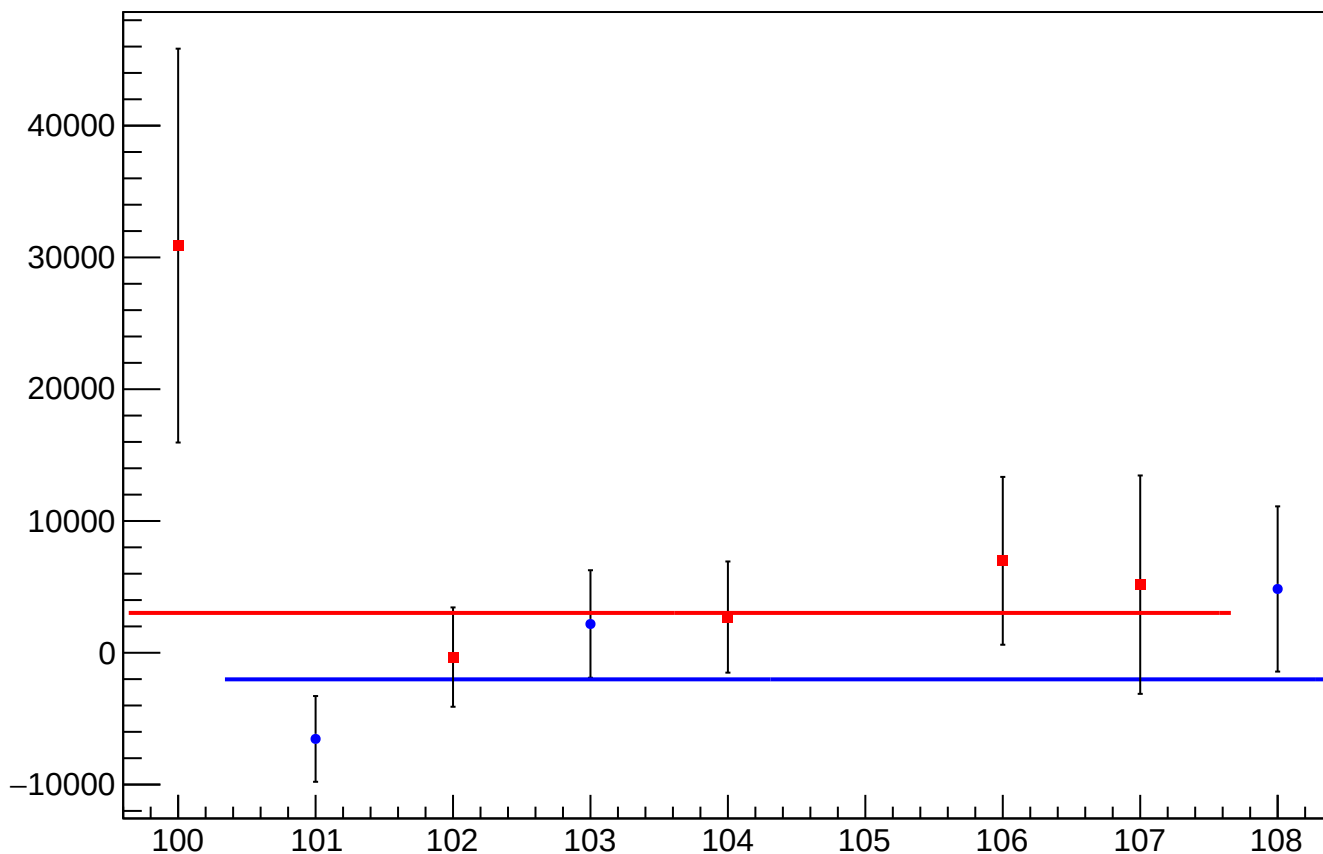
Right: 3094.563+/-1.189 χ^2/NDF : 125537.4/7

In: 2983.844+/-1.659 χ^2/NDF : 73835.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3094.563+/-1.189 χ^2/NDF : 125537.4/7

asym_bcm_cav4cQ_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: -2016.560 $\pm$ 2357.184 χ^2 /NDF: 4.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3024.042 $\pm$ 2423.259 χ^2 /NDF: 4.7/4

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

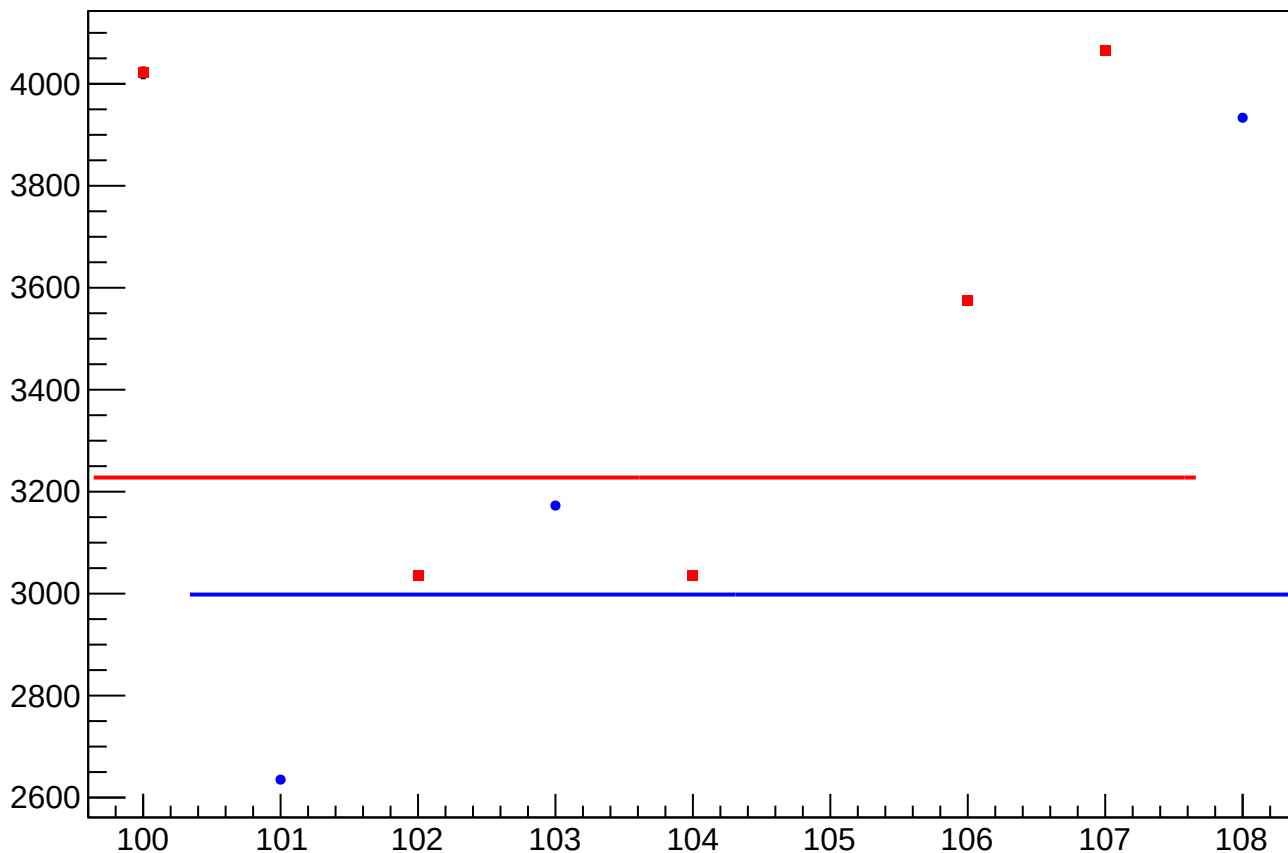
Right: 434.083 $\pm$ 1689.658 χ^2 /NDF: 11.1/7

In: -2016.560 $\pm$ 2357.184 χ^2 /NDF: 4.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 434.083 $\pm$ 1689.658 χ^2 /NDF: 11.1/7

asym_bcm_cav4cQ_dg_ds_avg_rms vs Slug, Sign Corrected



Right In: 2998.222+/-1.667 χ^2/NDF : 73078.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3227.740+/-1.714 χ^2/NDF : 41411.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

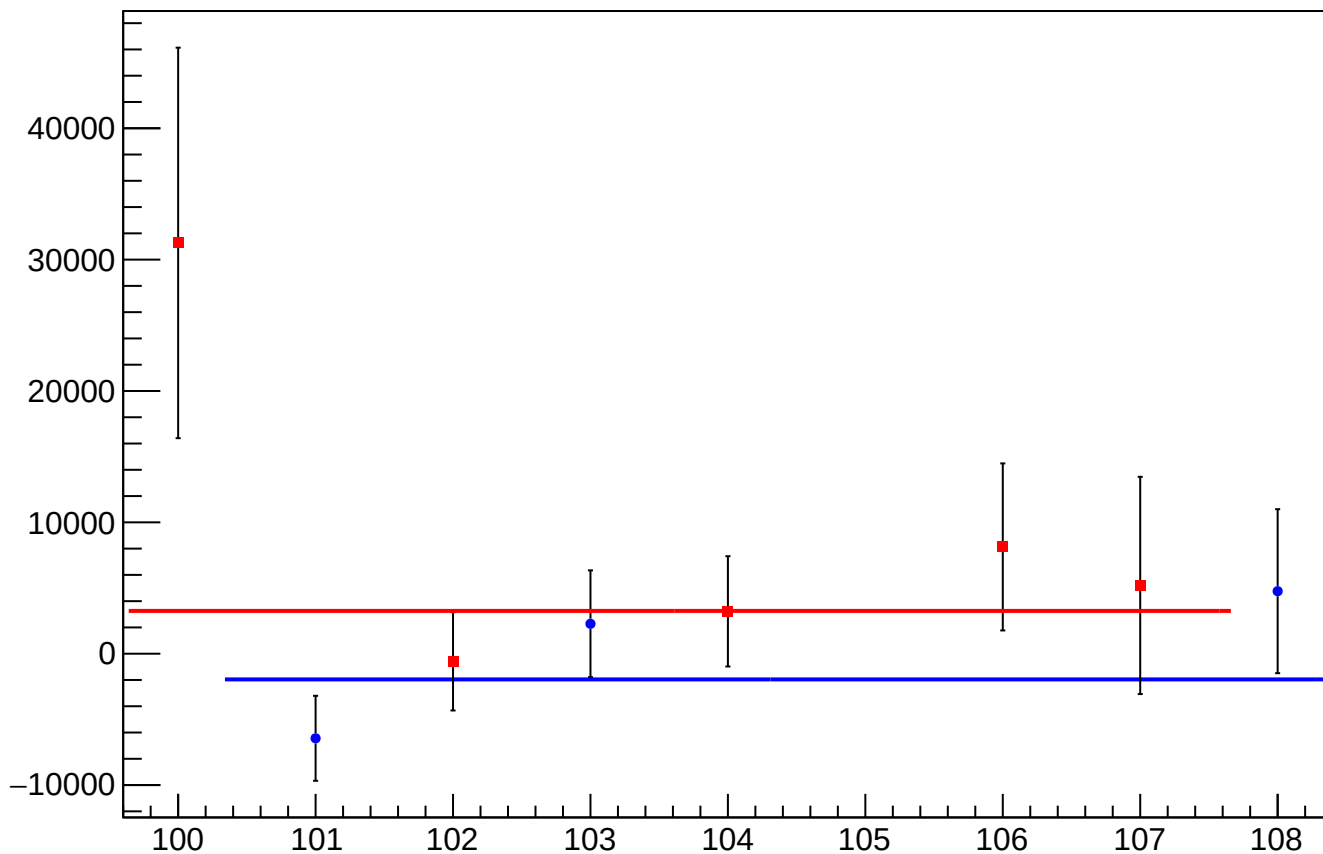
Right: 3109.809+/-1.195 χ^2/NDF : 123709.4/7

In: 2998.222+/-1.667 χ^2/NDF : 73078.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3109.809+/-1.195 χ^2/NDF : 123709.4/7

asym_bcm_cav4cQ_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: -1956.419+/-2346.196 χ^2/NDF : 4.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3258.680+/-2411.534 χ^2/NDF : 5.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

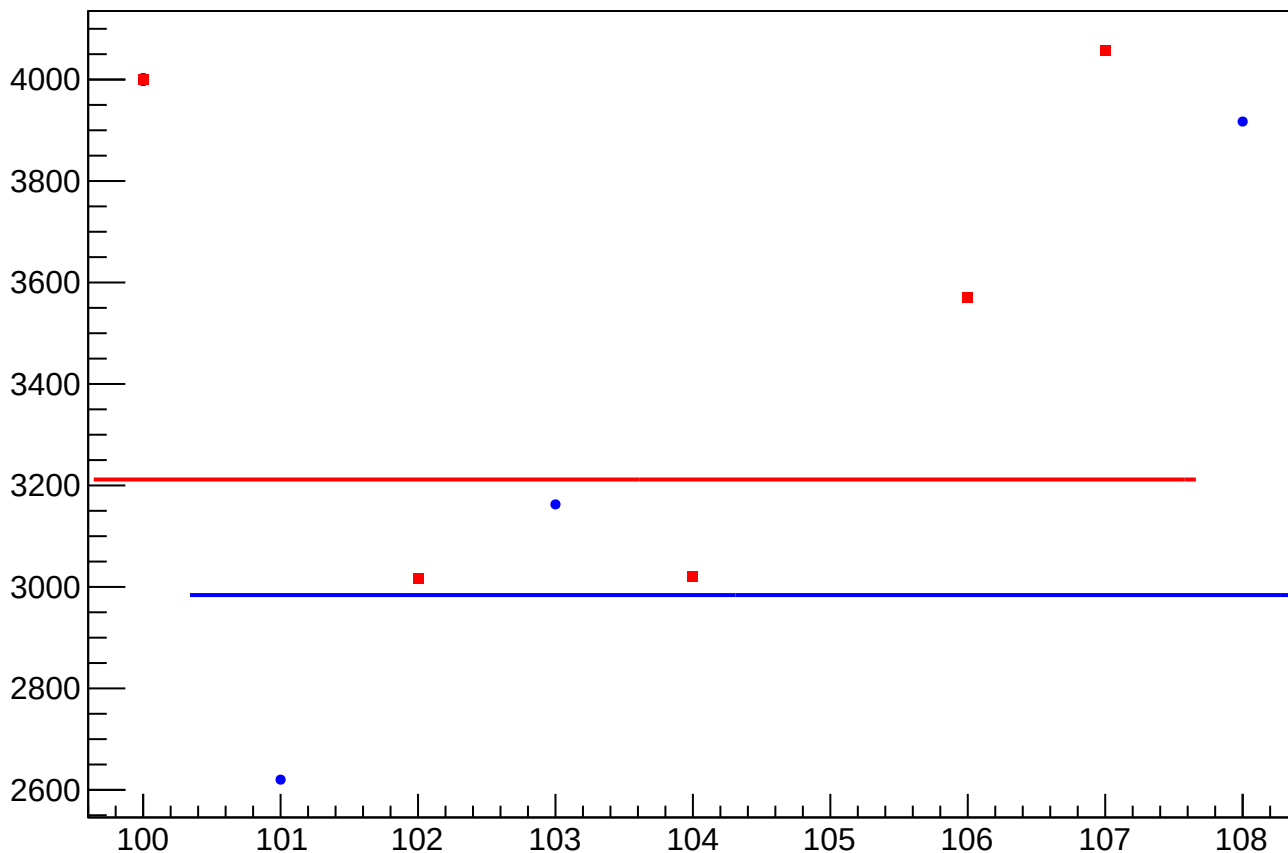
Right: 579.525+/-1681.636 χ^2/NDF : 11.8/7

In: -1956.419+/-2346.196 χ^2/NDF : 4.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 579.525+/-1681.636 χ^2/NDF : 11.8/7

asym_bcm_cav4cQ_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 2983.973+/-1.659 χ^2/NDF : 73844.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3211.721+/-1.705 χ^2/NDF : 42540.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

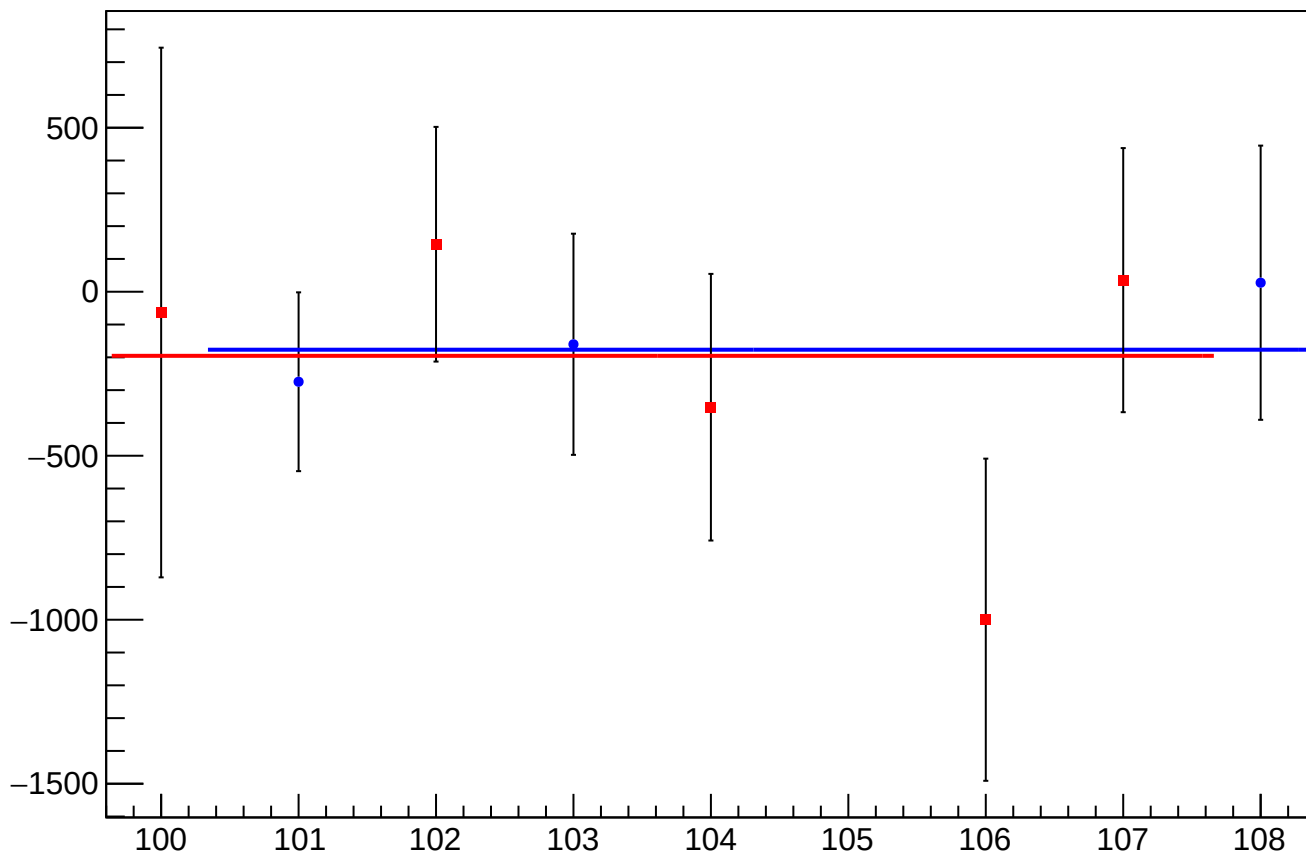
Right: 3094.720+/-1.189 χ^2/NDF : 125549.2/7

In: 2983.973+/-1.659 χ^2/NDF : 73844.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3094.720+/-1.189 χ^2/NDF : 125549.2/7

asym_bcm_dg_us_an_us_avg_mean vs Slug, Sign Corrected



Right In: -176.759+/-189.049 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -195.414+/-197.200 χ^2/NDF : 4.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

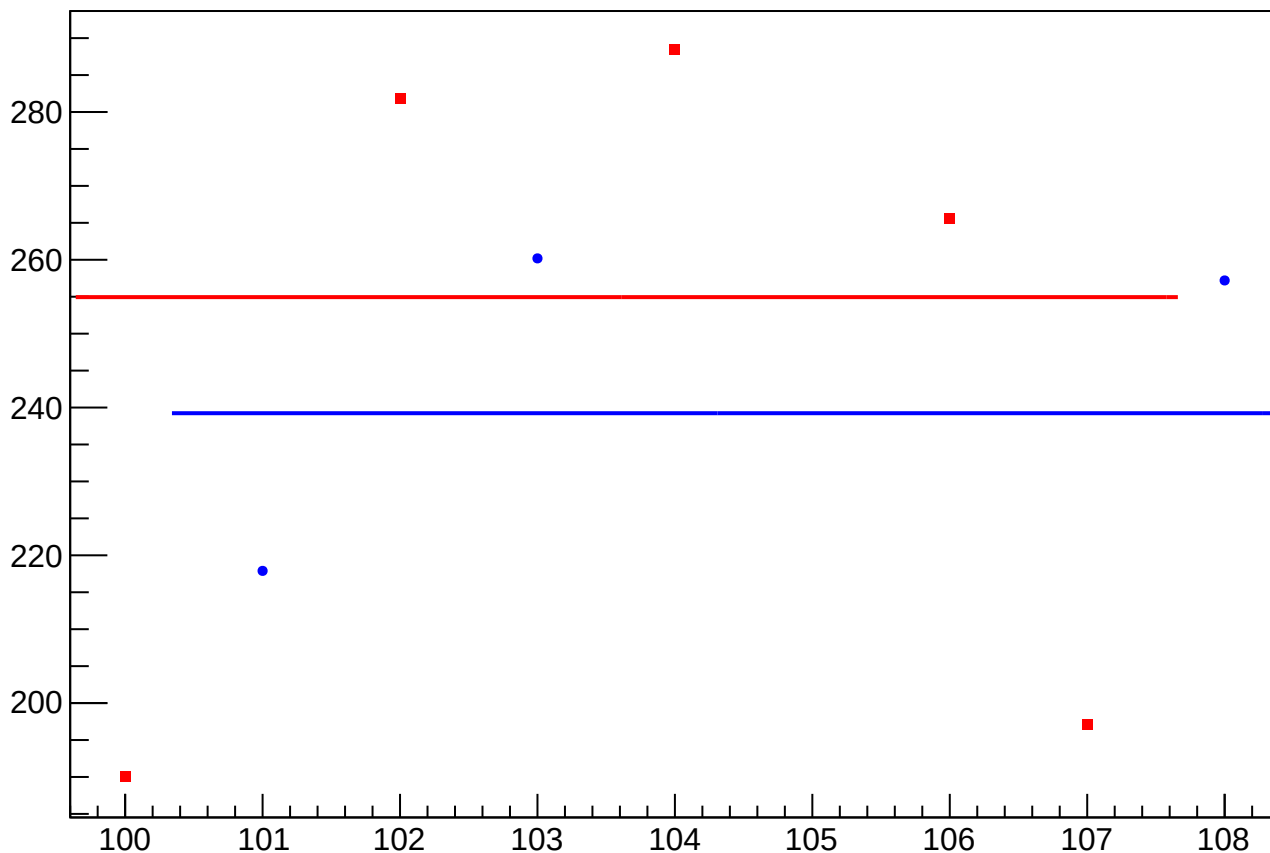
Right: -185.693+/-136.468 χ^2/NDF : 4.5/7

In: -176.759+/-189.049 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -185.693+/-136.468 χ^2/NDF : 4.5/7

asym_bcm_dg_us_an_us_avg_rms vs Slug, Sign Corrected



Right In: 239.233+/-0.134 χ^2/NDF : 23680.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 254.945+/-0.139 χ^2/NDF : 80049.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

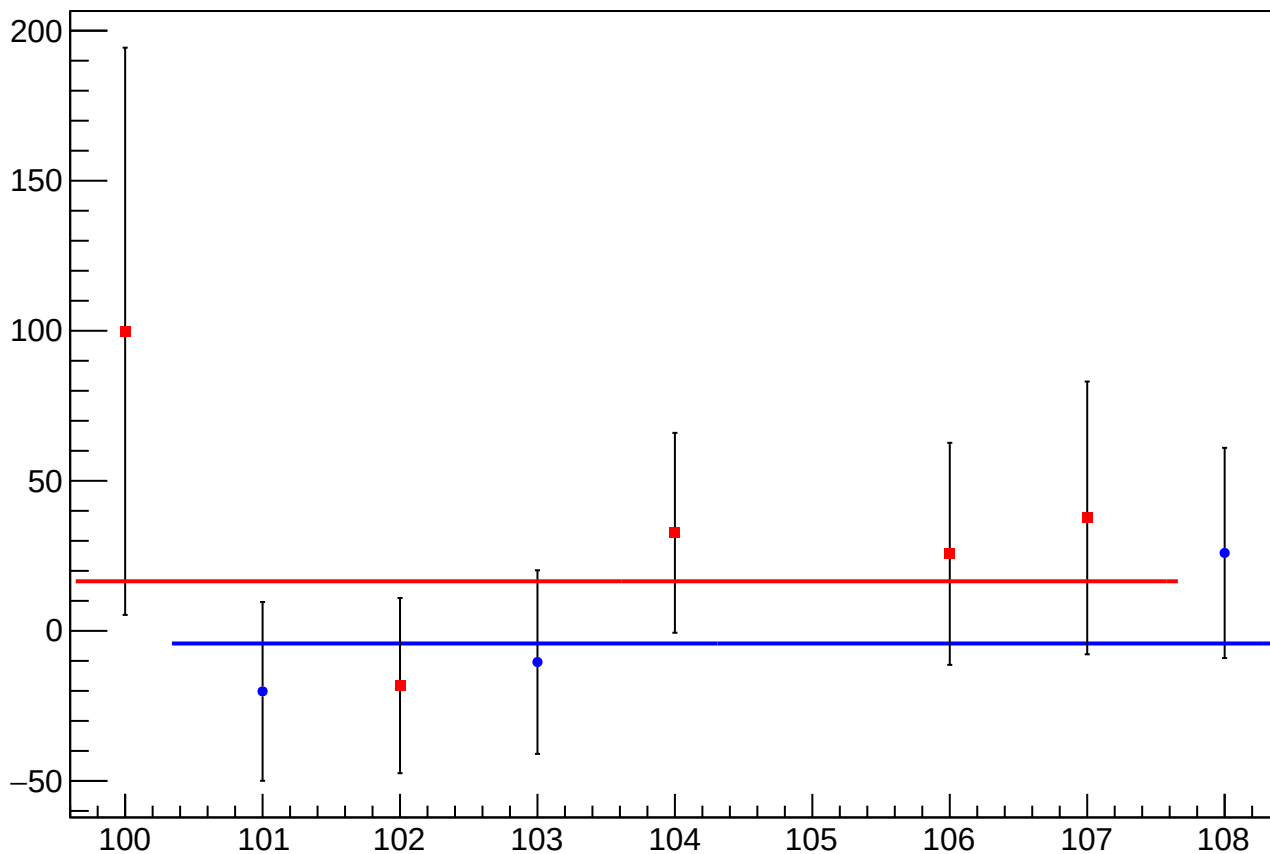
Right: 246.758+/-0.096 χ^2/NDF : 110345.1/7

In: 239.233+/-0.134 χ^2/NDF : 23680.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 246.758+/-0.096 χ^2/NDF : 110345.1/7

asym_bcm_dg_us_an_us_dd_mean vs Slug, Sign Corrected



Right In: -4.202 $\pm$ 18.227 χ^2 /NDF: 1.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 16.526 $\pm$ 17.145 χ^2 /NDF: 2.7/4

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

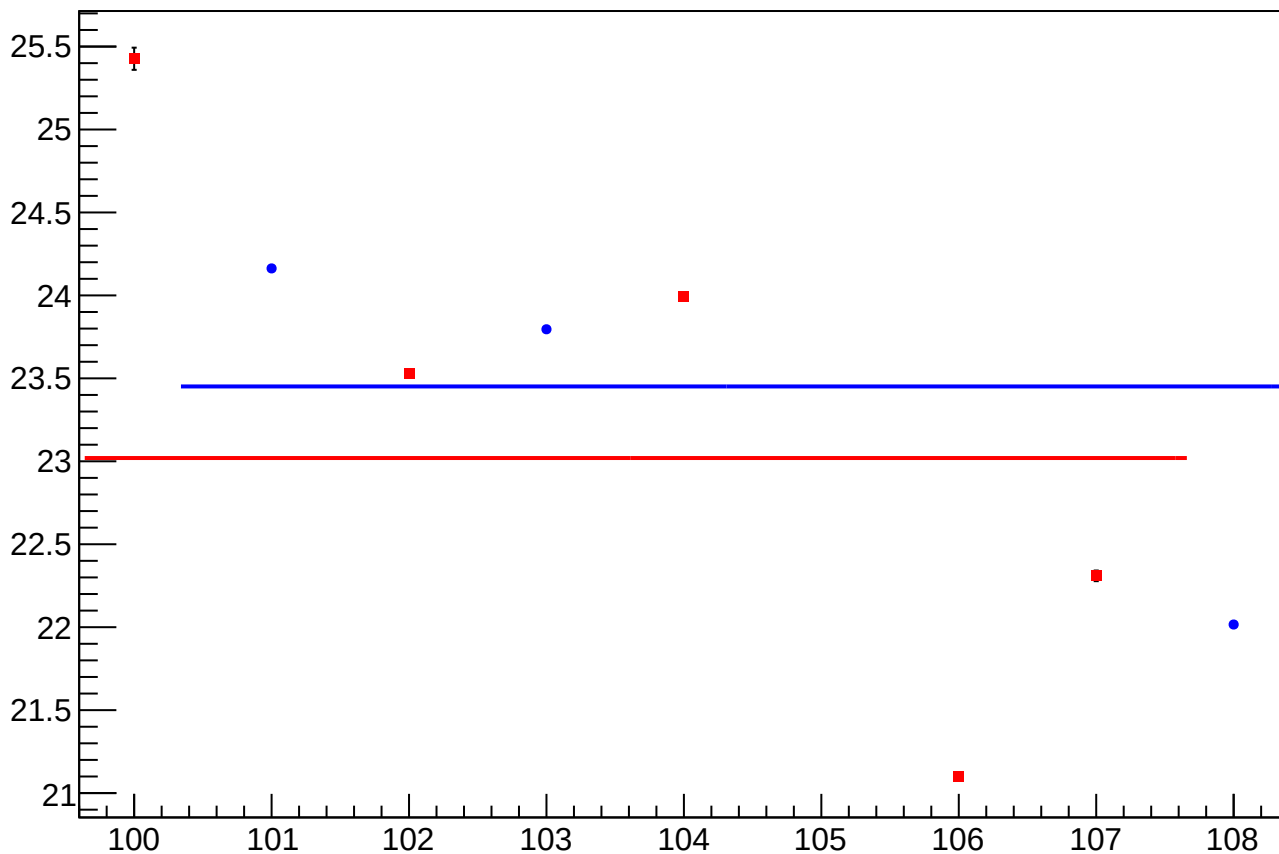
Right: 6.795 $\pm$ 12.488 χ^2 /NDF: 4.5/7

In: -4.202 $\pm$ 18.227 χ^2 /NDF:1.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 6.795 $\pm$ 12.488 χ^2 /NDF: 4.5/7

asym_bcm_dg_us_an_us_dd_rms vs Slug, Sign Corrected



Right In: 23.451+/-0.013 χ^2/NDF : 4751.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.020+/-0.012 χ^2/NDF : 9487.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

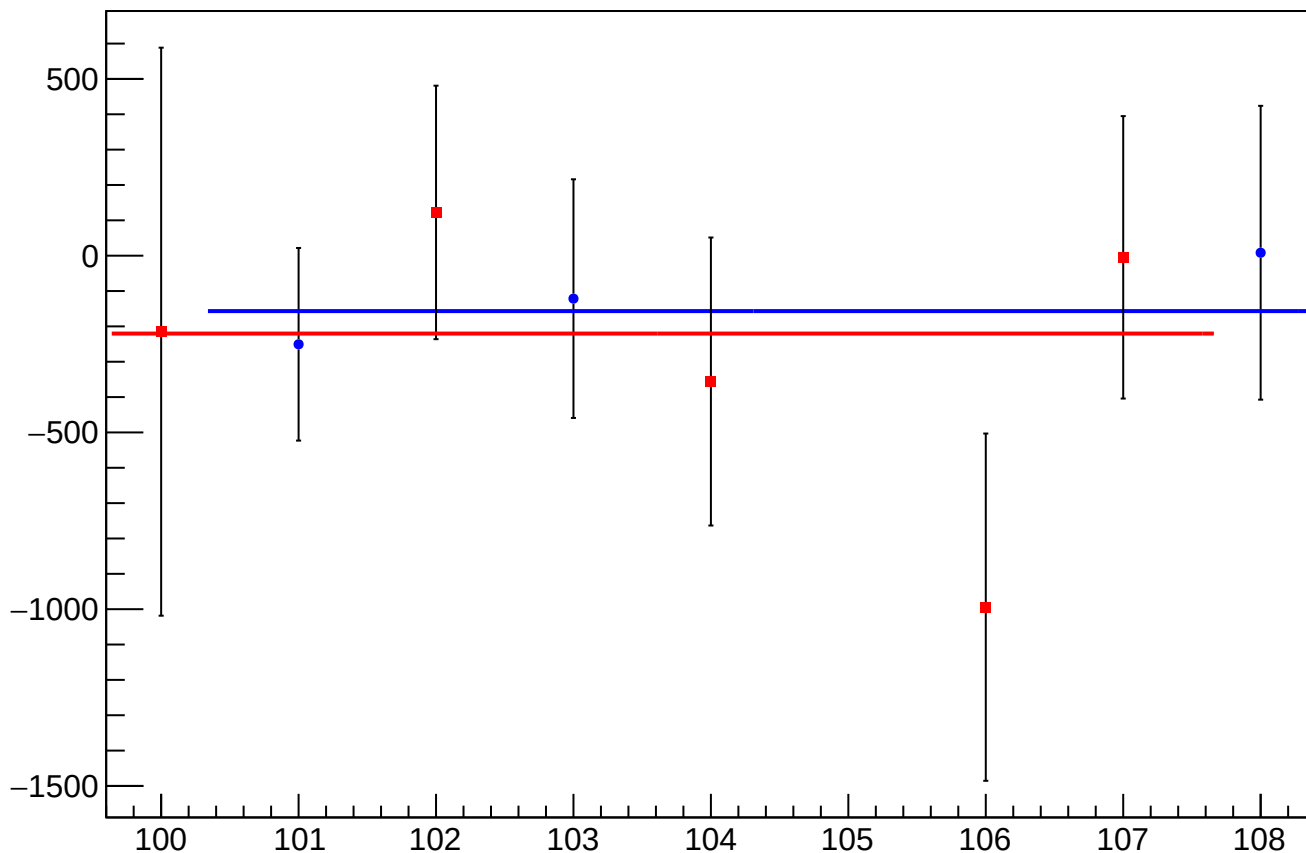
Right: 23.222+/-0.009 χ^2/NDF : 14833.3/7

In: 23.451+/-0.013 χ^2/NDF : 4751.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.222+/-0.009 χ^2/NDF : 14833.3/7

asym_bcm_dg_ds_an_us_avg_mean vs Slug, Sign Corrected



Right In: -156.741 ± 188.858 χ^2/NDF : 0.3/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -220.307 ± 197.005 χ^2/NDF : 3.8/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

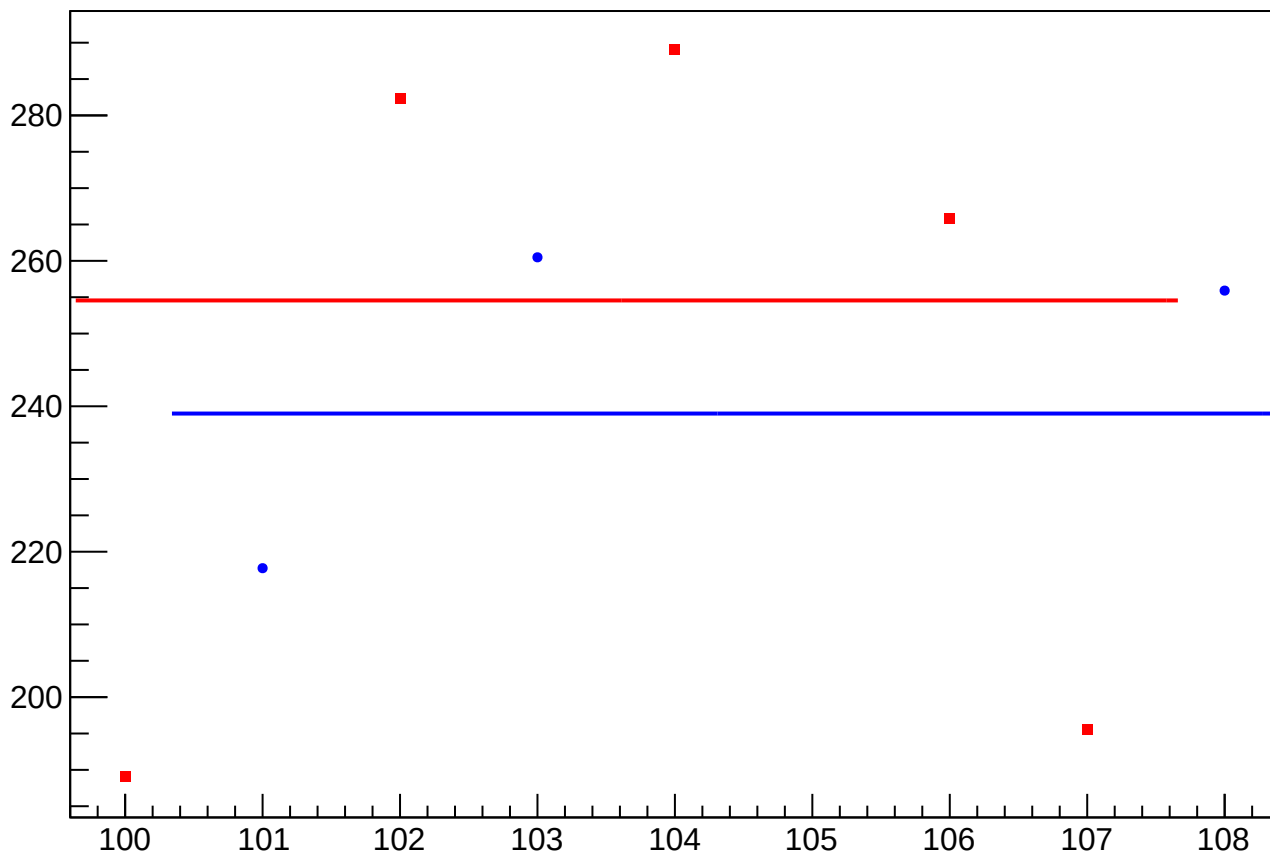
Right: -187.182 ± 136.332 χ^2/NDF : 4.1/7

In: -156.741 ± 188.858 χ^2/NDF : 0.3/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -187.182 ± 136.332 χ^2/NDF : 4.1/7

asym_bcm_dg_ds_an_us_avg_rms vs Slug, Sign Corrected



Right In: 239.001+/-0.134 χ^2/NDF : 23595.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 254.555+/-0.139 χ^2/NDF : 84337.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

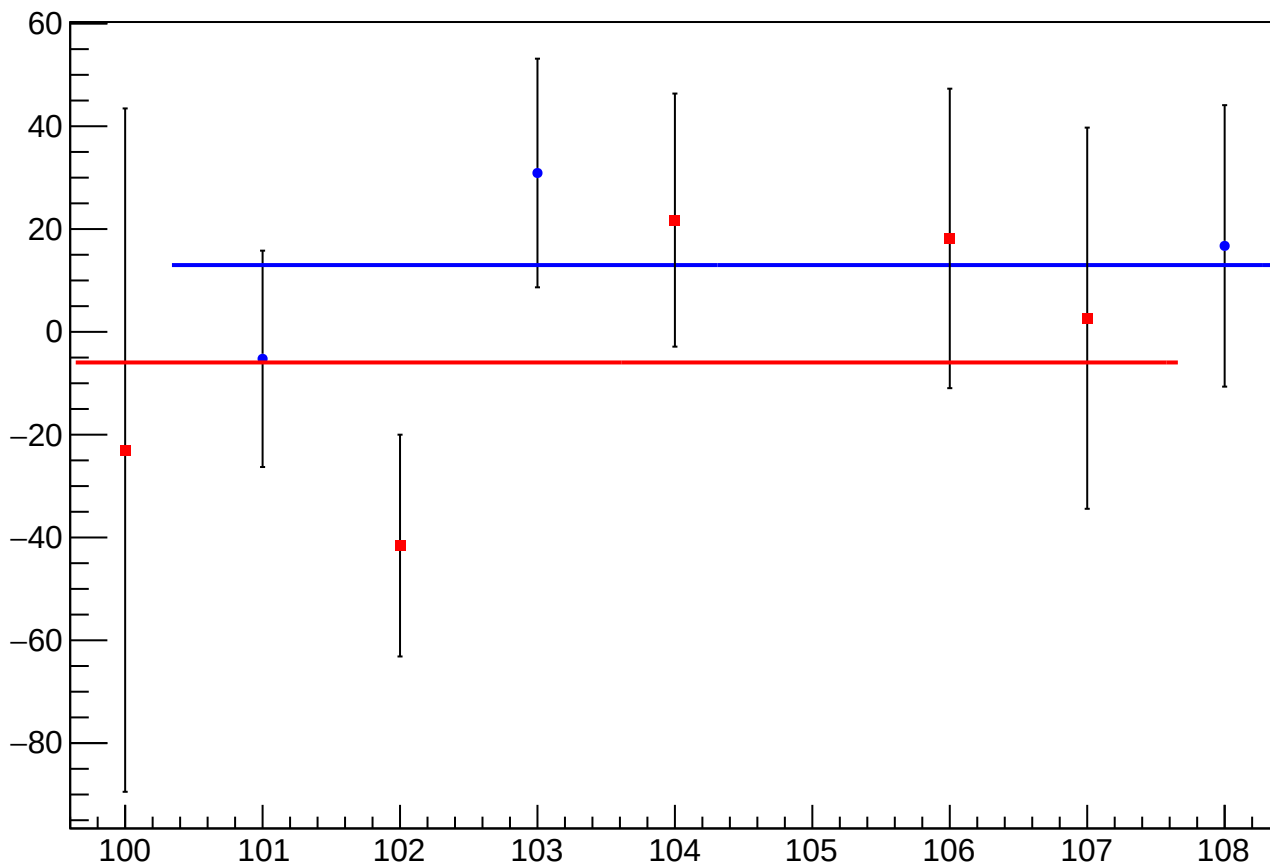
Right: 246.450+/-0.096 χ^2/NDF : 114430.5/7

In: 239.001+/-0.134 χ^2/NDF : 23595.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 246.450+/-0.096 χ^2/NDF : 114430.5/7

asym_bcm_dg_ds_an_us_dd_mean vs Slug, Sign Corrected



Right In: 12.994+/-13.347 χ^2/NDF : 1.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.953+/-12.984 χ^2/NDF : 4.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

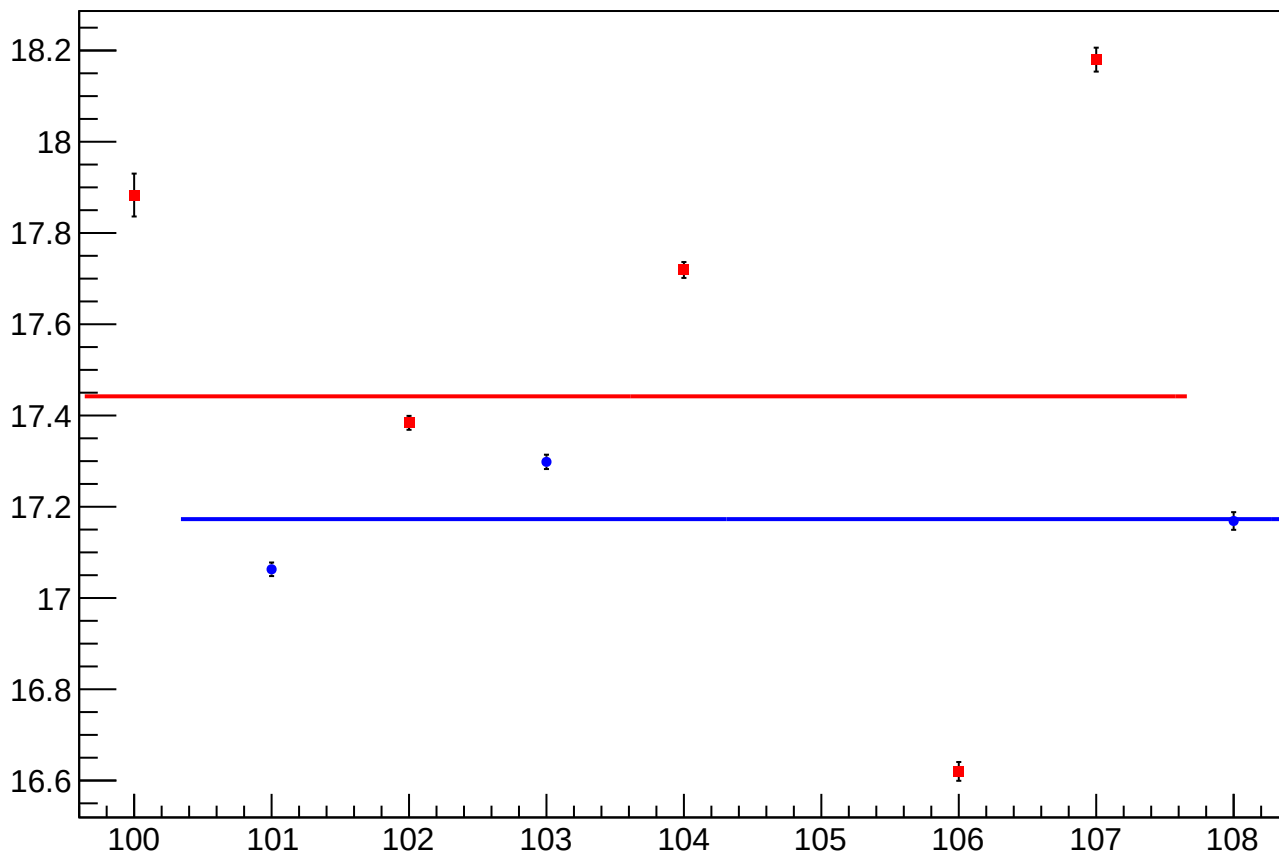
Right: 3.260+/-9.307 χ^2/NDF : 7.3/7

In: 12.994+/-13.347 χ^2/NDF : 1.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.260+/-9.307 χ^2/NDF : 7.3/7

asym_bcm_dg_ds_an_us_dd_rms vs Slug, Sign Corrected



Right In: 17.173+/-0.009 χ^2/NDF : 118.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.442+/-0.009 χ^2/NDF : 2740.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

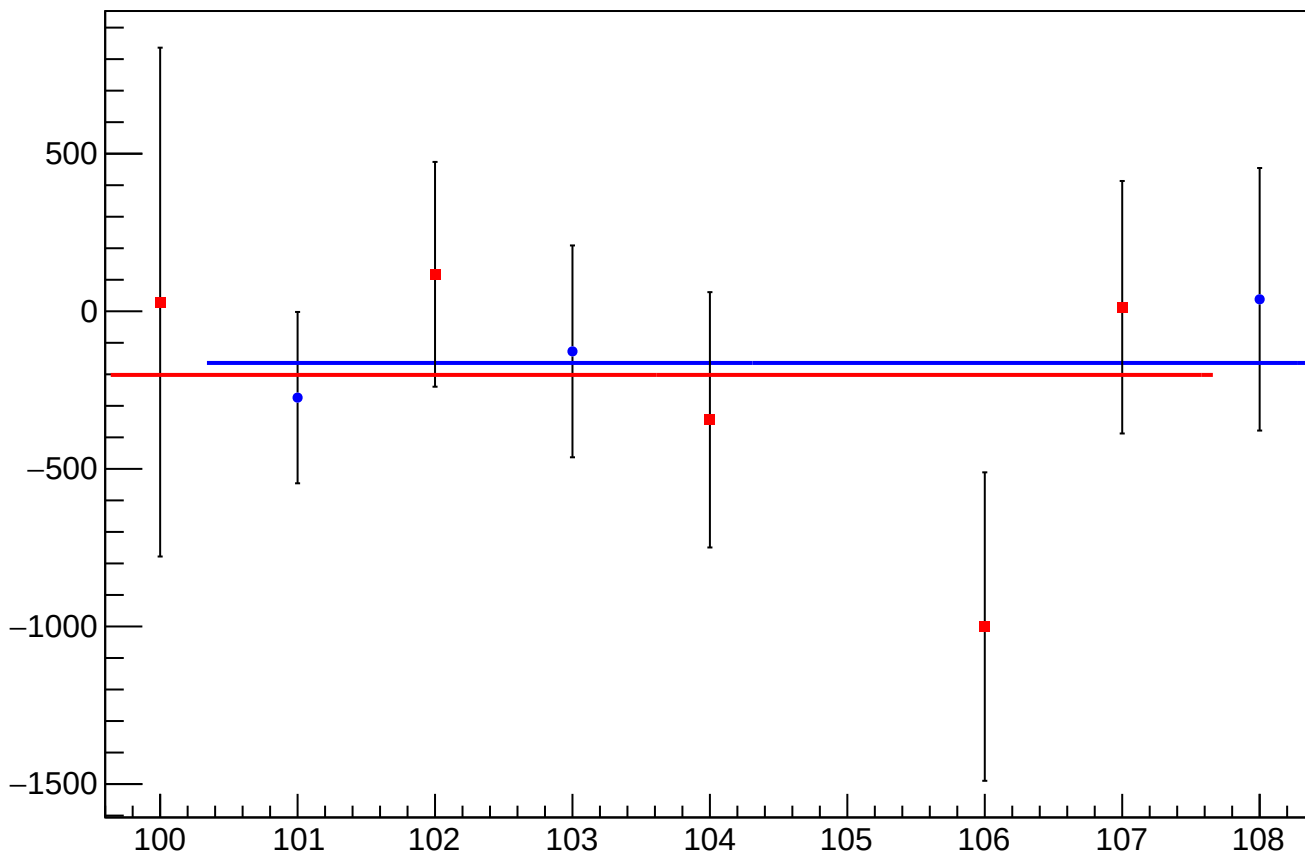
Right: 17.311+/-0.007 χ^2/NDF : 3276.9/7

In: 17.173+/-0.009 χ^2/NDF : 118.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.311+/-0.007 χ^2/NDF : 3276.9/7

asym_bcm_dg_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -163.892 $\pm$ 188.471 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -201.875 $\pm$ 196.485 χ^2 /NDF: 4.0/4

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

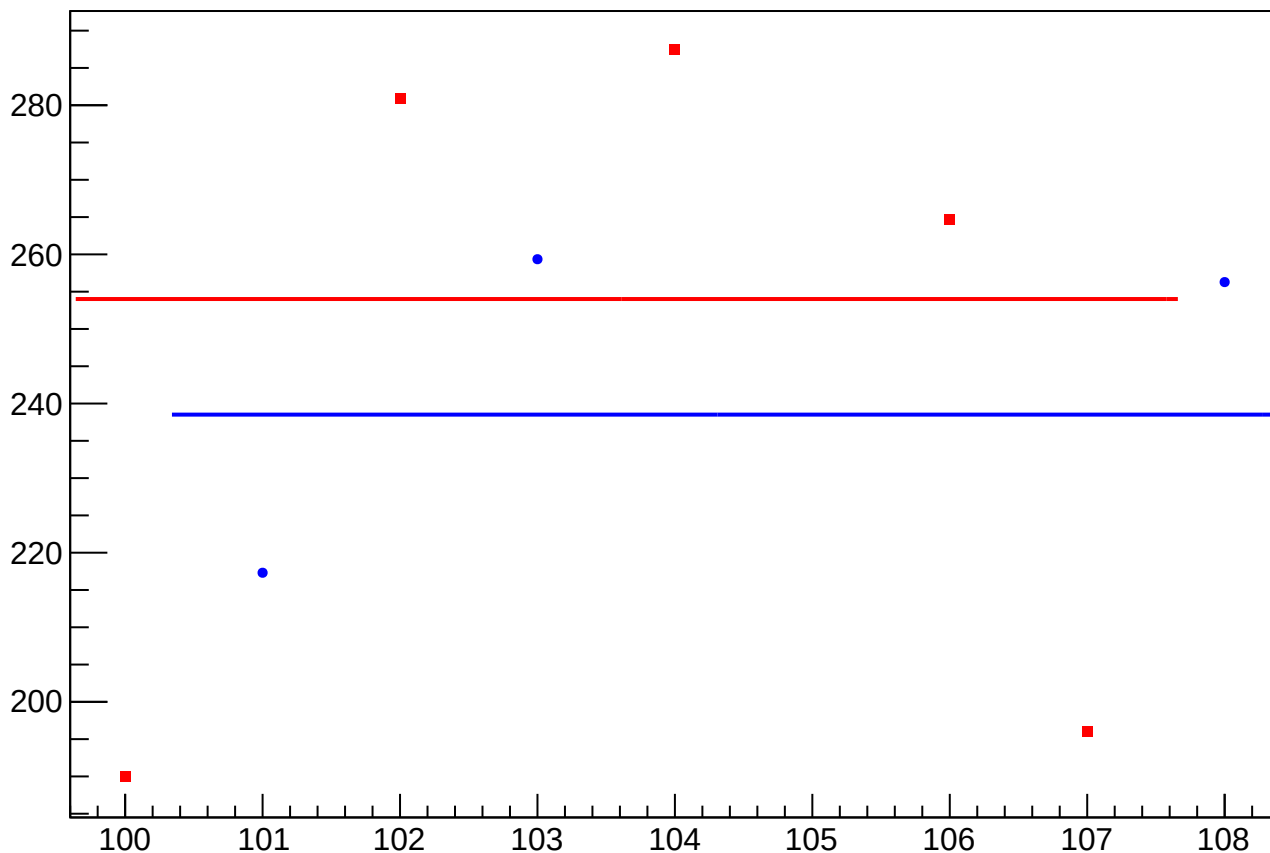
Right: -182.093 $\pm$ 136.014 χ^2 /NDF: 4.4/7

In: -163.892 $\pm$ 188.471 χ^2 /NDF: 0.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -182.093 $\pm$ 136.014 χ^2 /NDF: 4.4/7

asym_bcm_dg_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 238.514+/-0.133 χ^2/NDF : 23499.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 254.014+/-0.139 χ^2/NDF : 80388.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

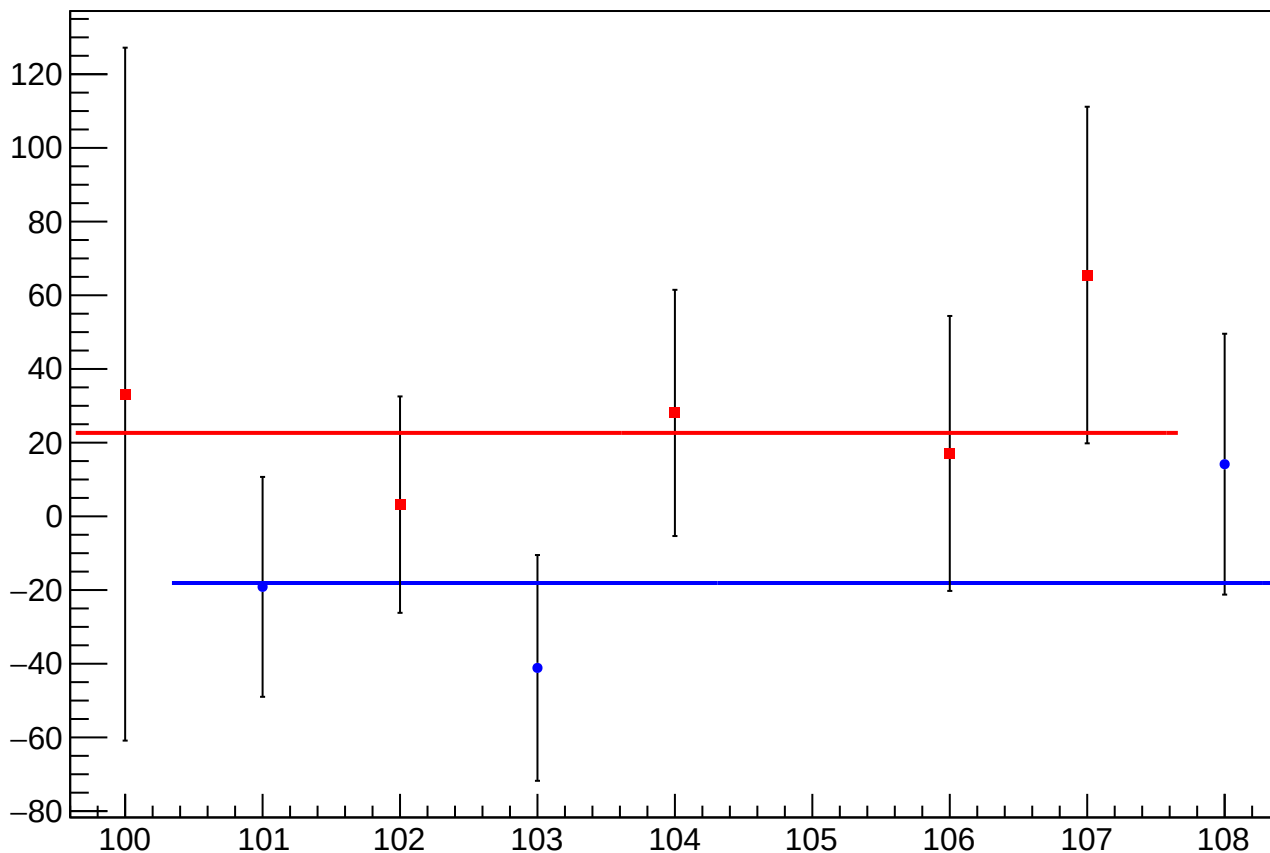
Right: 245.942+/-0.096 χ^2/NDF : 110370.4/7

In: 238.514+/-0.133 χ^2/NDF : 23499.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 245.942+/-0.096 χ^2/NDF : 110370.4/7

asym_bcm_dg_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -18.090 ± 18.299 χ^2/NDF : 1.4/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 22.648 ± 17.236 χ^2/NDF : 1.4/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

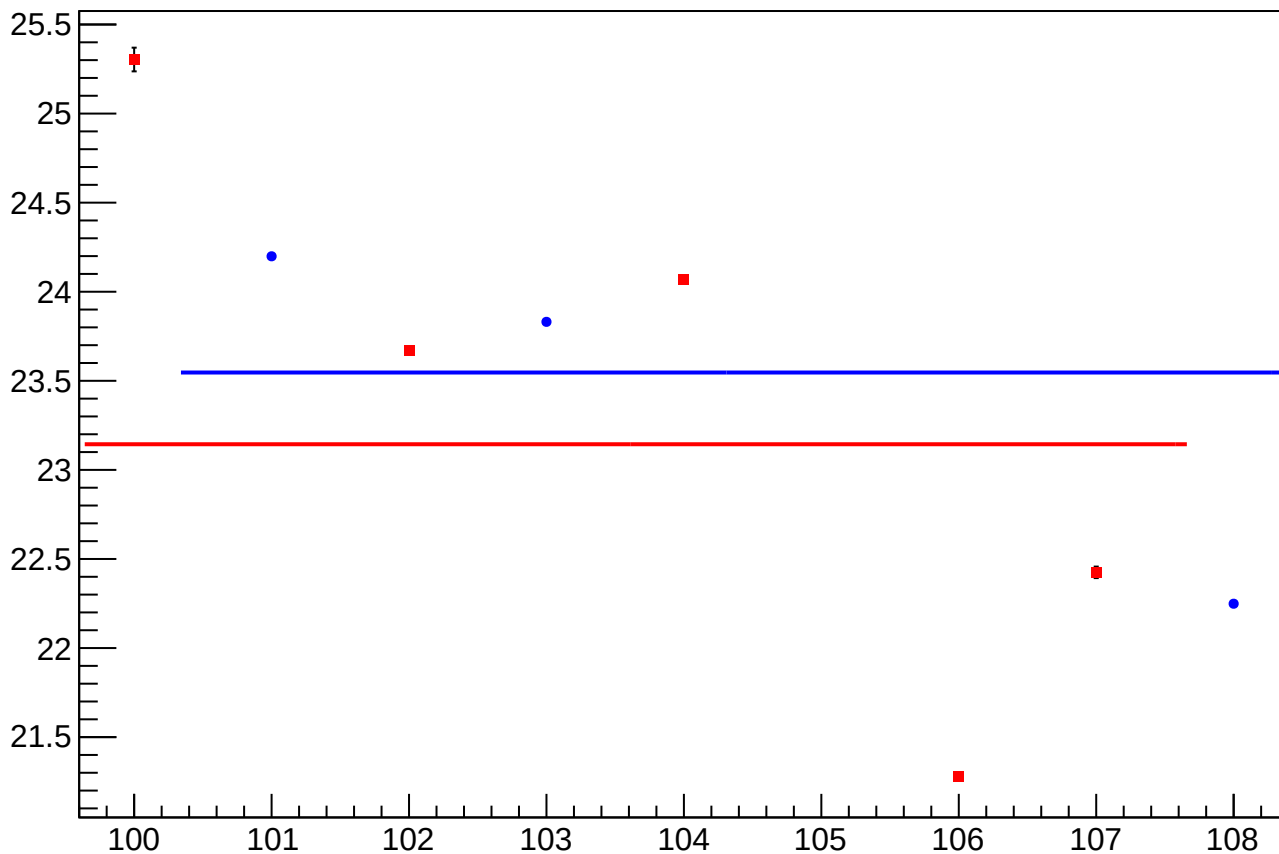
Right: 3.497 ± 12.547 χ^2/NDF : 5.4/7

In: -18.090 ± 18.299 χ^2/NDF : 1.4/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 3.497 ± 12.547 χ^2/NDF : 5.4/7

asym_bcm_dg_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 23.547 $\pm$ 0.013 χ^2 /NDF: 3816.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 23.144 $\pm$ 0.012 χ^2 /NDF: 8707.1/4

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

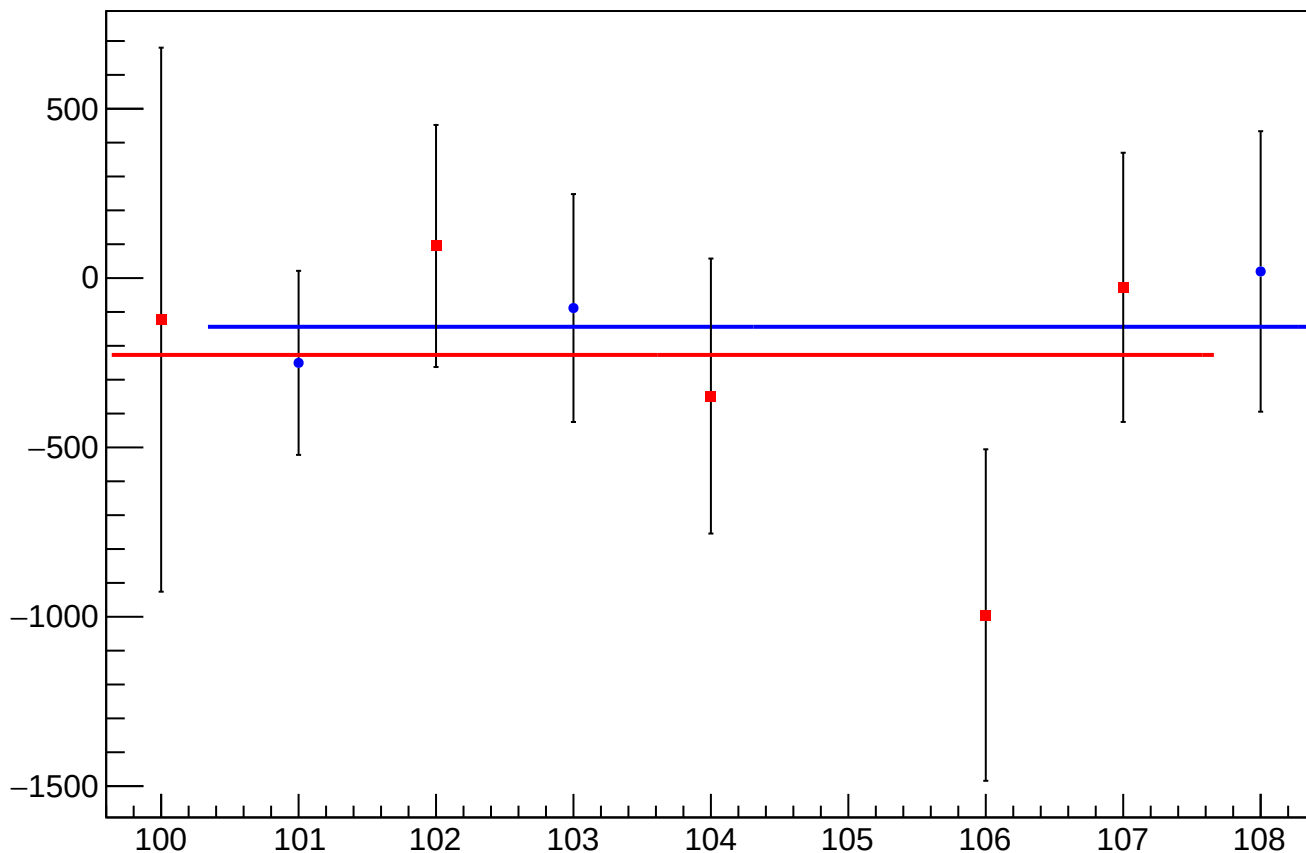
Right: 23.333 $\pm$ 0.009 χ^2 /NDF: 13036.1/7

In: 23.547 $\pm$ 0.013 χ^2 /NDF: 3816.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.333 $\pm$ 0.009 χ^2 /NDF: 13036.1/7

asym_bcm_dg_ds_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -143.800+/-188.282 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -226.858+/-196.288 χ^2/NDF : 3.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

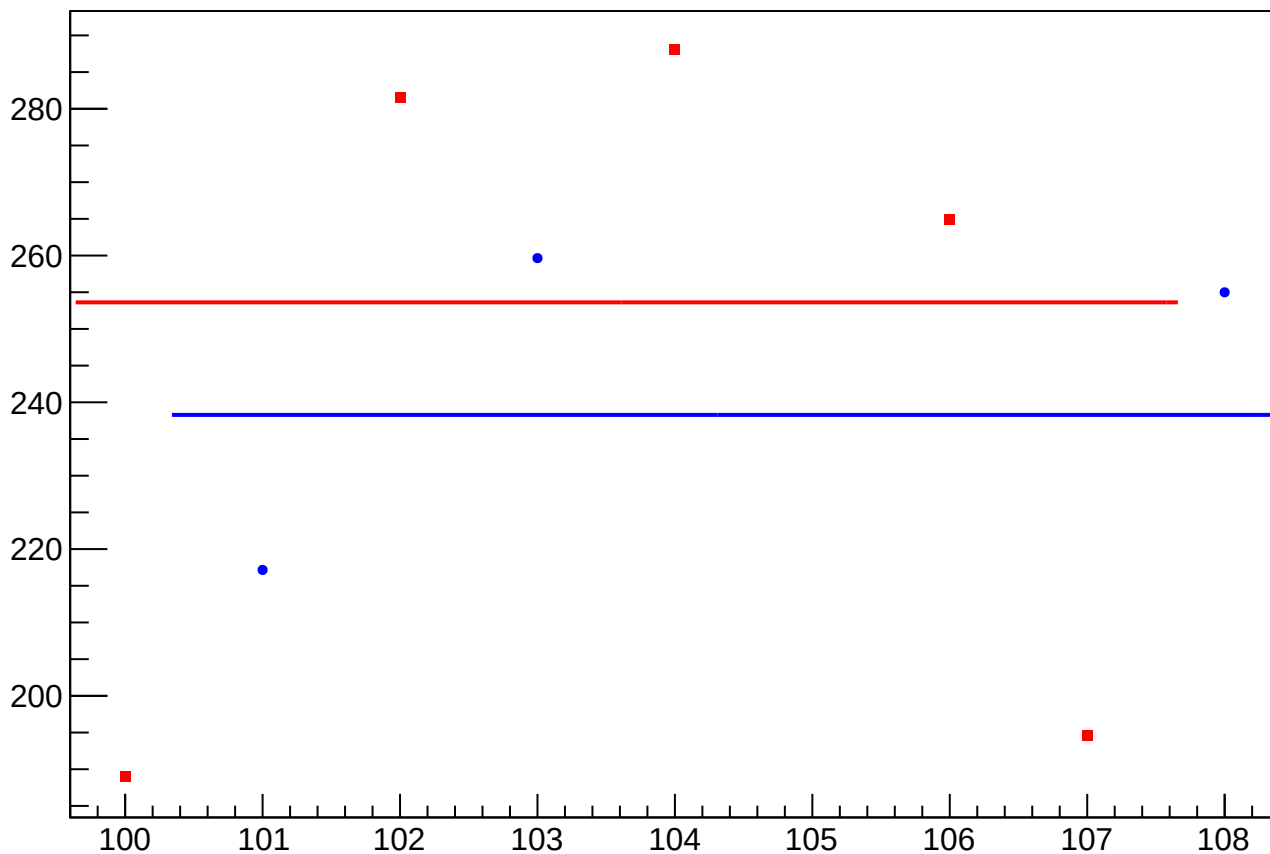
Right: -183.600+/-135.877 χ^2/NDF : 4.1/7

In: -143.800+/-188.282 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -183.600+/-135.877 χ^2/NDF : 4.1/7

asym_bcm_dg_ds_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 238.286+/-0.133 χ^2/NDF : 23410.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 253.621+/-0.139 χ^2/NDF : 84729.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

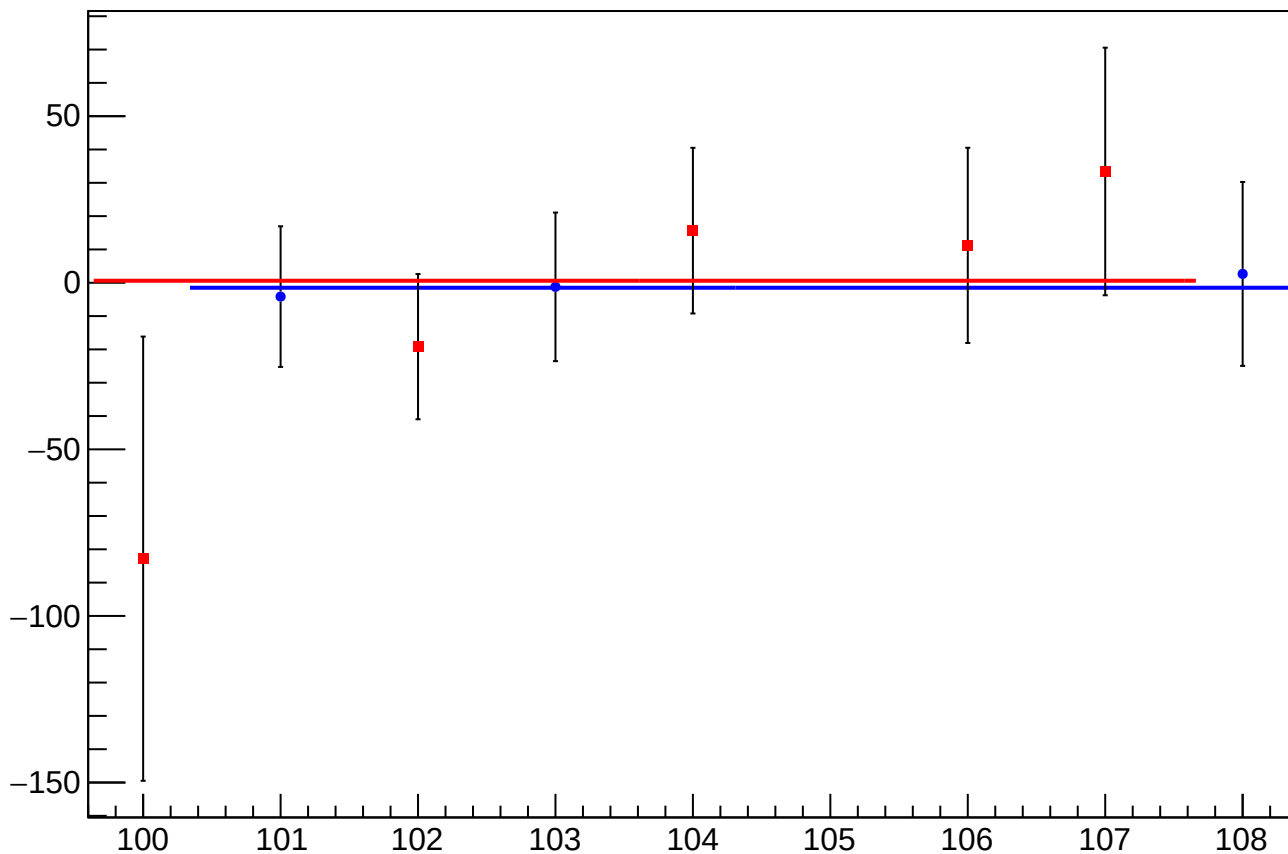
Right: 245.634+/-0.096 χ^2/NDF : 114496.4/7

In: 238.286+/-0.133 χ^2/NDF : 23410.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 245.634+/-0.096 χ^2/NDF : 114496.4/7

asym_bcm_dg_ds_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -1.493+/-13.402 χ^2/NDF : 0.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.611+/-13.088 χ^2/NDF : 3.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

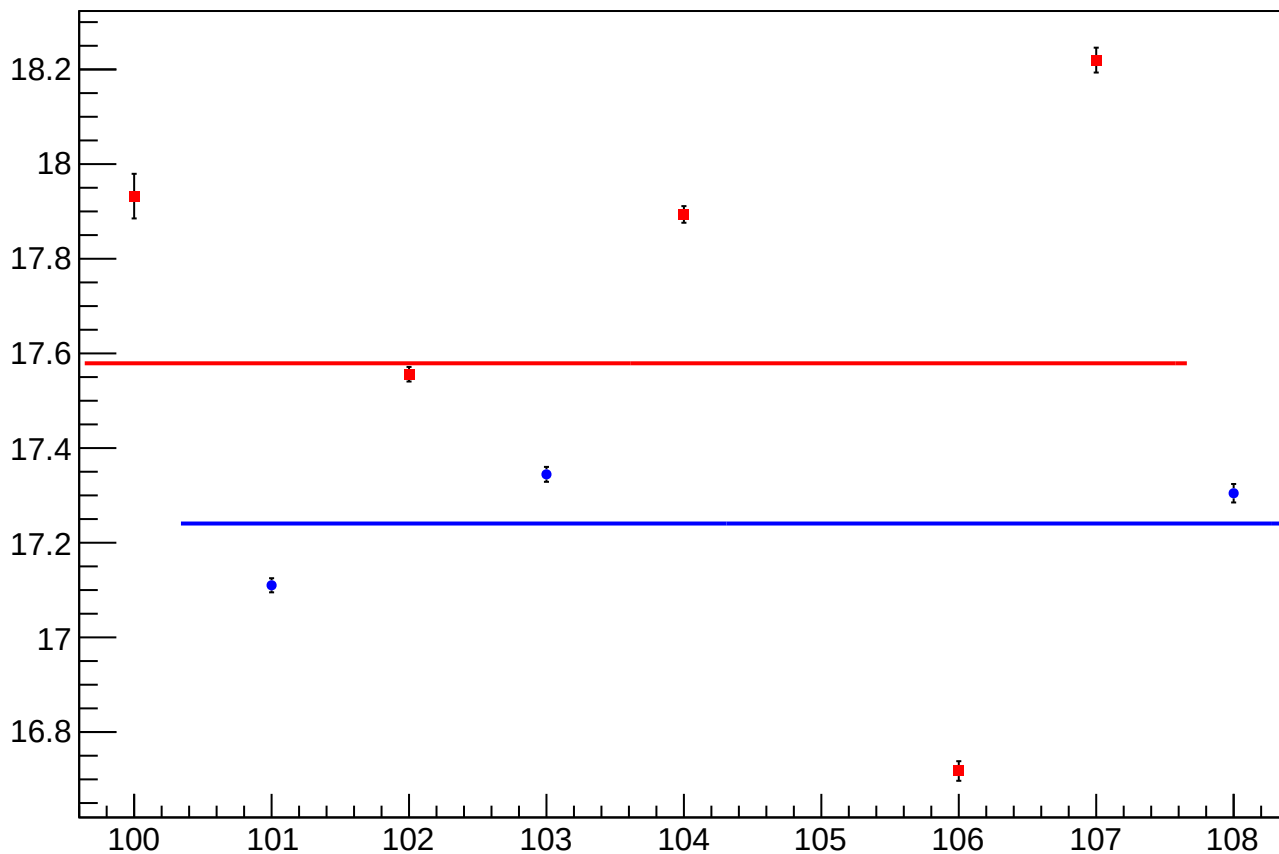
Right: -0.416+/-9.364 χ^2/NDF : 3.7/7

In: -1.493+/-13.402 χ^2/NDF : 0.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.416+/-9.364 χ^2/NDF : 3.7/7

asym_bcm_dg_ds_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 17.241+/-0.009 χ^2/NDF : 130.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.579+/-0.009 χ^2/NDF : 2702.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

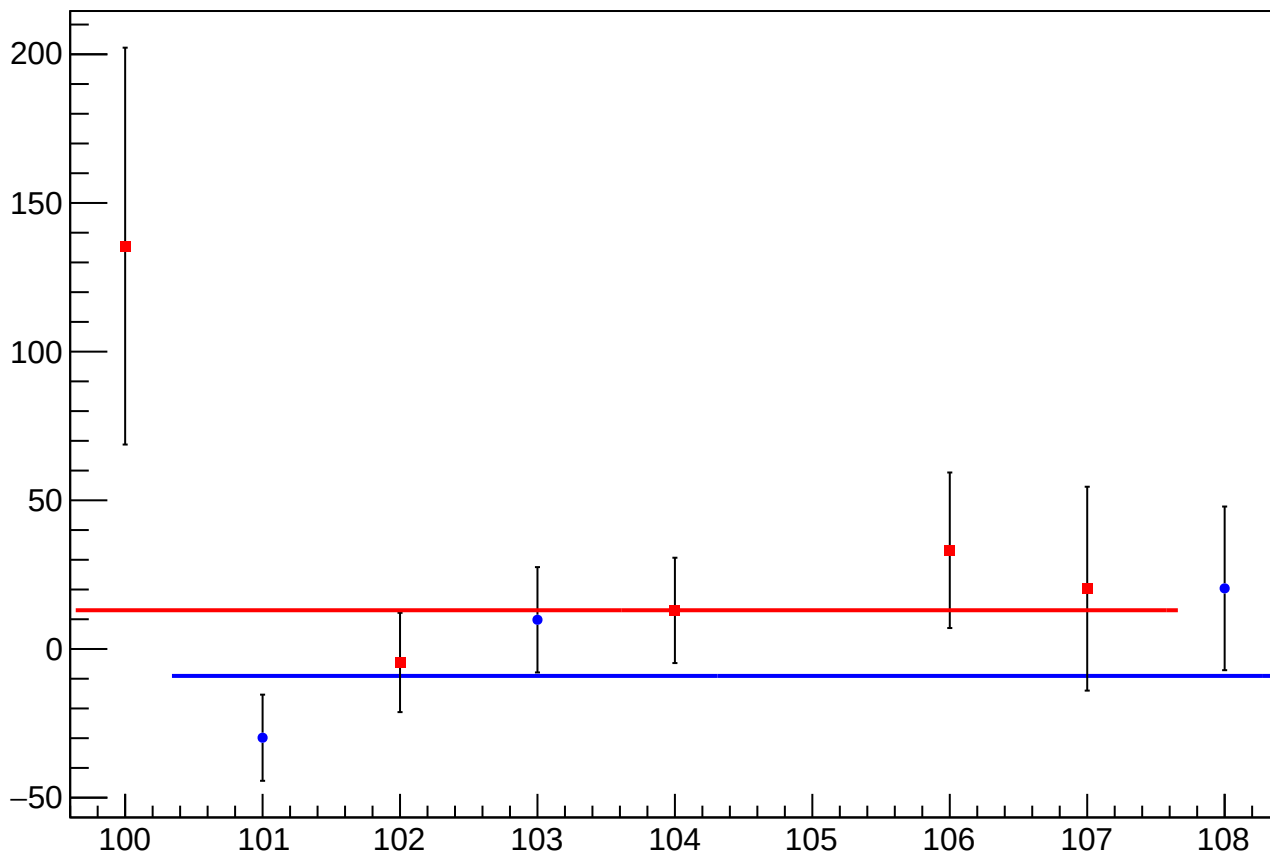
Right: 17.414+/-0.007 χ^2/NDF : 3485.9/7

In: 17.241+/-0.009 χ^2/NDF : 130.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.414+/-0.007 χ^2/NDF : 3485.9/7

diff_bpm_4aX_4acX_avg_mean vs Slug, Sign Corrected



Right In: -9.056+/-10.384 χ^2/NDF : 4.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.028+/-10.363 χ^2/NDF : 5.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

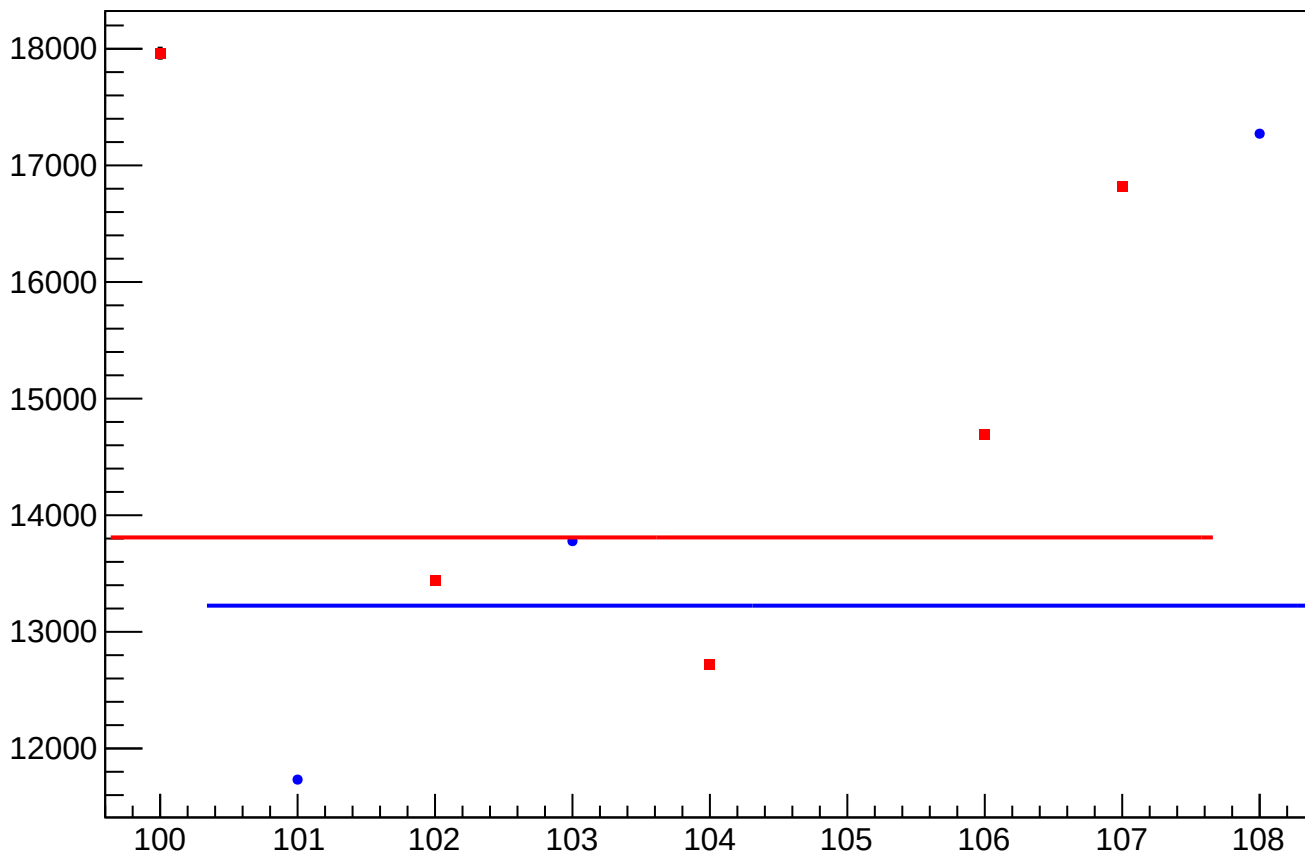
Right: 2.009+/-7.335 χ^2/NDF : 11.7/7

In: -9.056+/-10.384 χ^2/NDF : 4.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.009+/-7.335 χ^2/NDF : 11.7/7

diff_bpm_4aX_4acX_avg_rms vs Slug, Sign Corrected



Right In: 13224.681+/-7.343 χ^2/NDF : 66421.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13809.747+/-7.328 χ^2/NDF : 33940.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

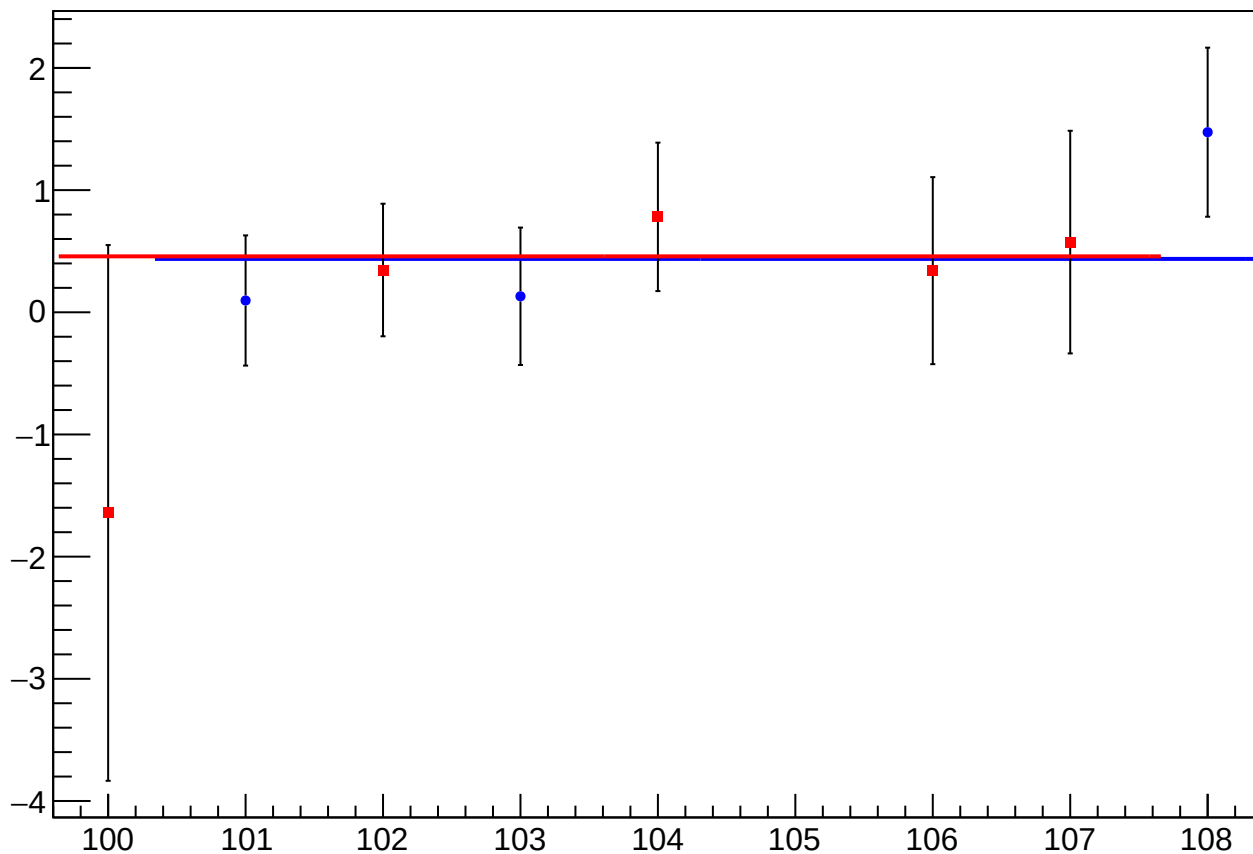
Right: 13517.828+/-5.187 χ^2/NDF : 103542.4/7

In: 13224.681+/-7.343 χ^2/NDF : 66421.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13517.828+/-5.187 χ^2/NDF : 103542.4/7

diff_bpm_4aX_4acX_dd_mean vs Slug, Sign Corrected



Right In: 0.437+/-0.338 χ^2/NDF : 3.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.458+/-0.329 χ^2/NDF : 1.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

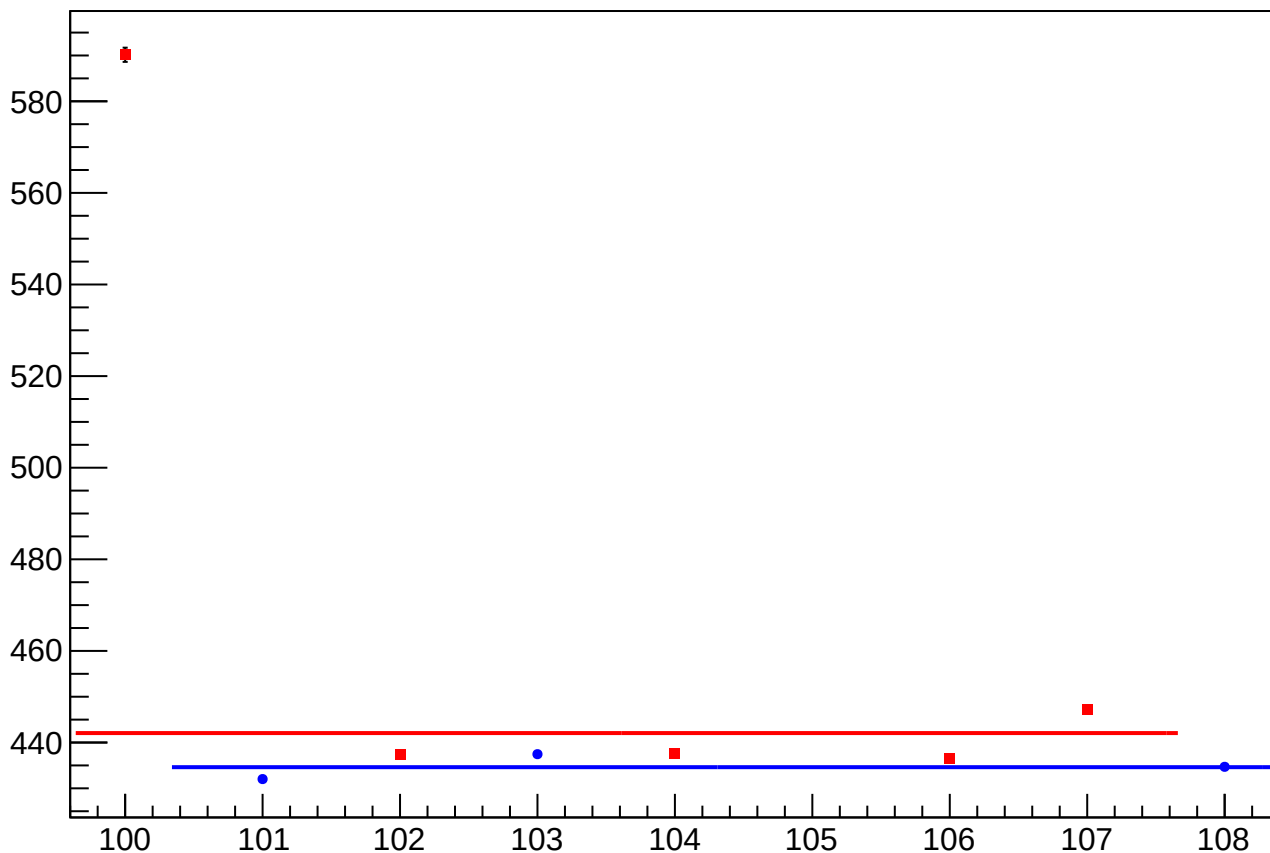
Right: 0.448+/-0.236 χ^2/NDF : 4.2/7

In: 0.437+/-0.338 χ^2/NDF : 3.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.448+/-0.236 χ^2/NDF : 4.2/7

diff_bpm_4aX_4acX_dd_rms vs Slug, Sign Corrected



Right In: 434.618 $\pm$ 0.239 χ^2 /NDF: 98.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 442.065 $\pm$ 0.233 χ^2 /NDF: 9545.1/4

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

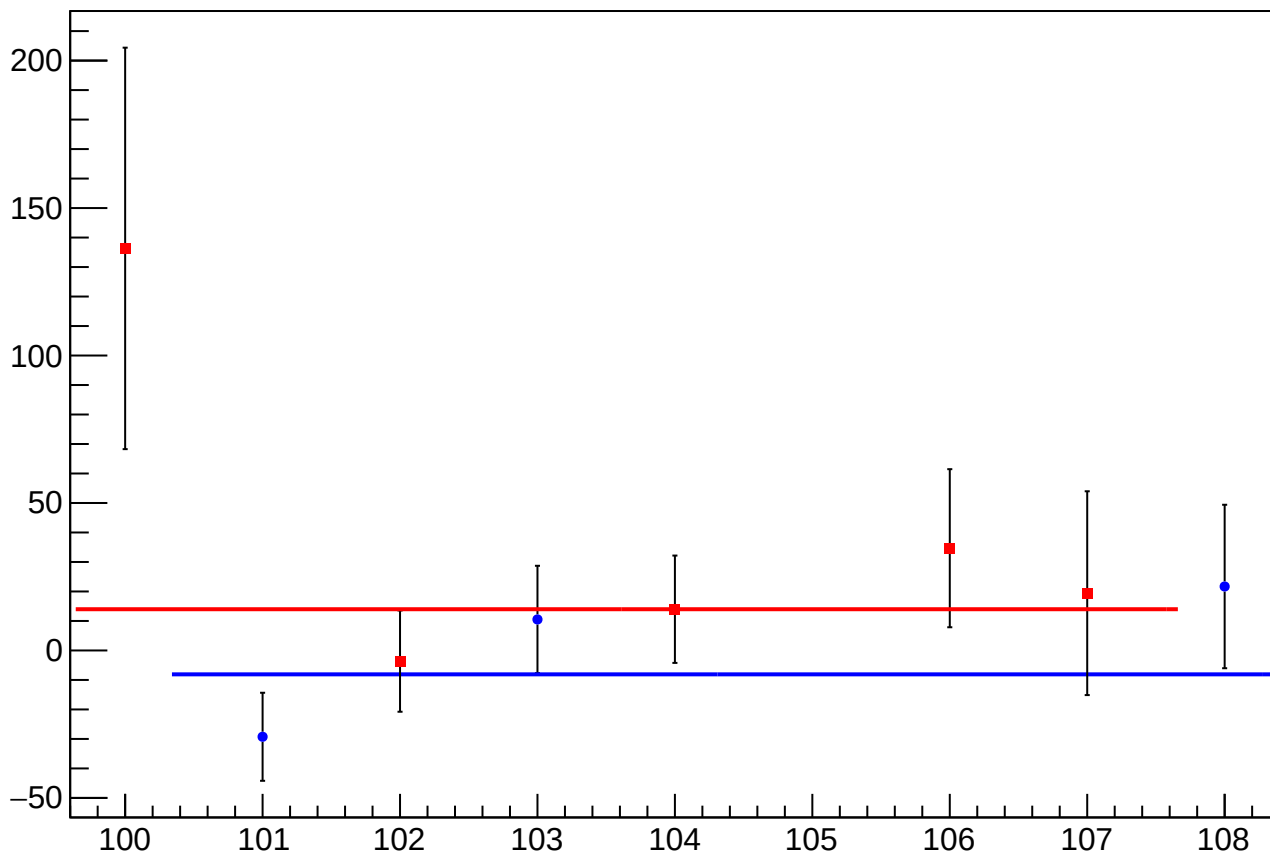
Right: 438.435 $\pm$ 0.167 χ^2 /NDF: 10142.4/7

In: 434.618 $\pm$ 0.239 χ^2 /NDF:98.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 438.435 $\pm$ 0.167 χ^2 /NDF: 10142.4/7

diff_bpm_4aX_4eX_avg_mean vs Slug, Sign Corrected



Right In: -8.100+/-10.653 χ^2/NDF : 4.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.981+/-10.623 χ^2/NDF : 4.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

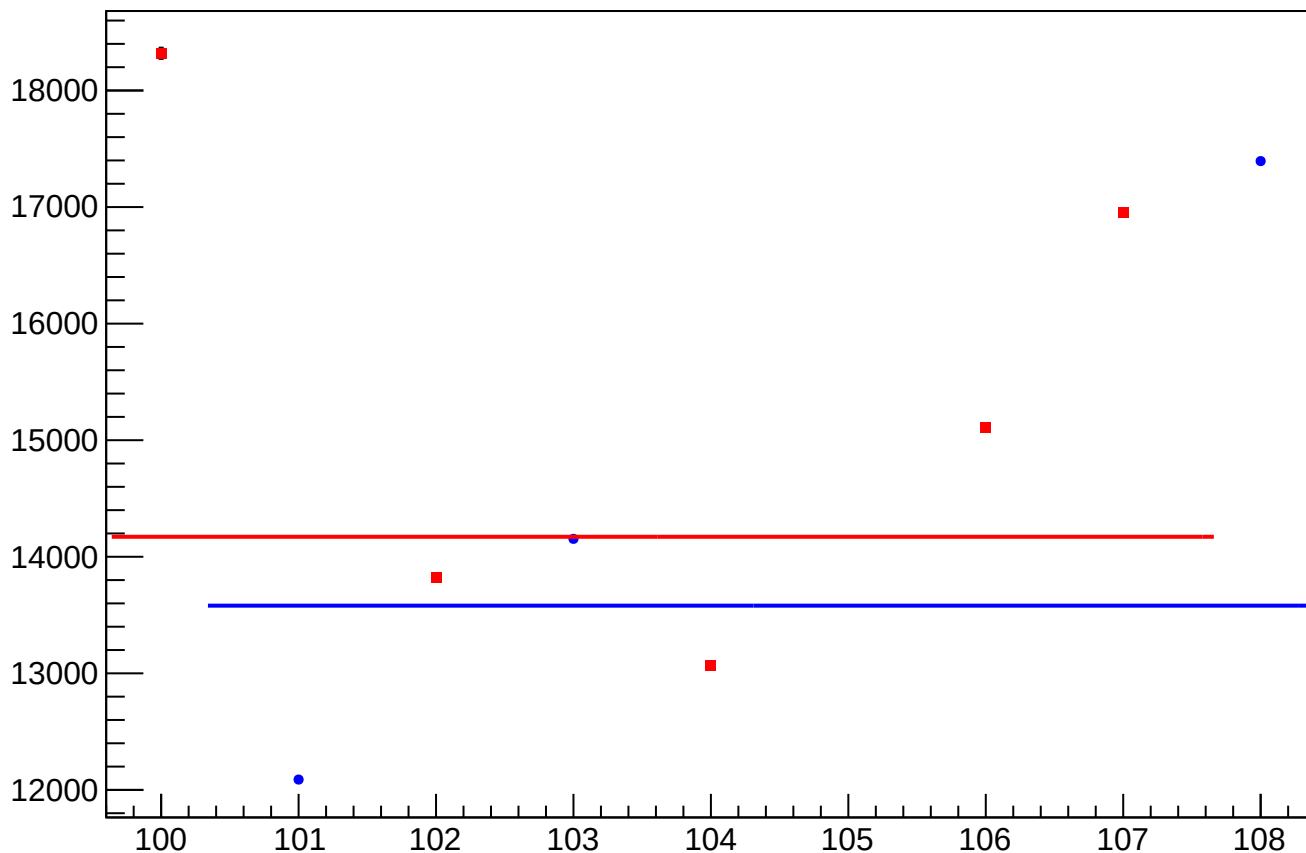
Right: 2.972+/-7.522 χ^2/NDF : 11.3/7

In: -8.100+/-10.653 χ^2/NDF : 4.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.972+/-7.522 χ^2/NDF : 11.3/7

diff_bpm_4aX_4eX_avg_rms vs Slug, Sign Corrected



Right In: 13580.662 $\pm$ 7.533 χ^2 /NDF: 59843.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 14171.540 $\pm$ 7.512 χ^2 /NDF: 30983.4/4

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

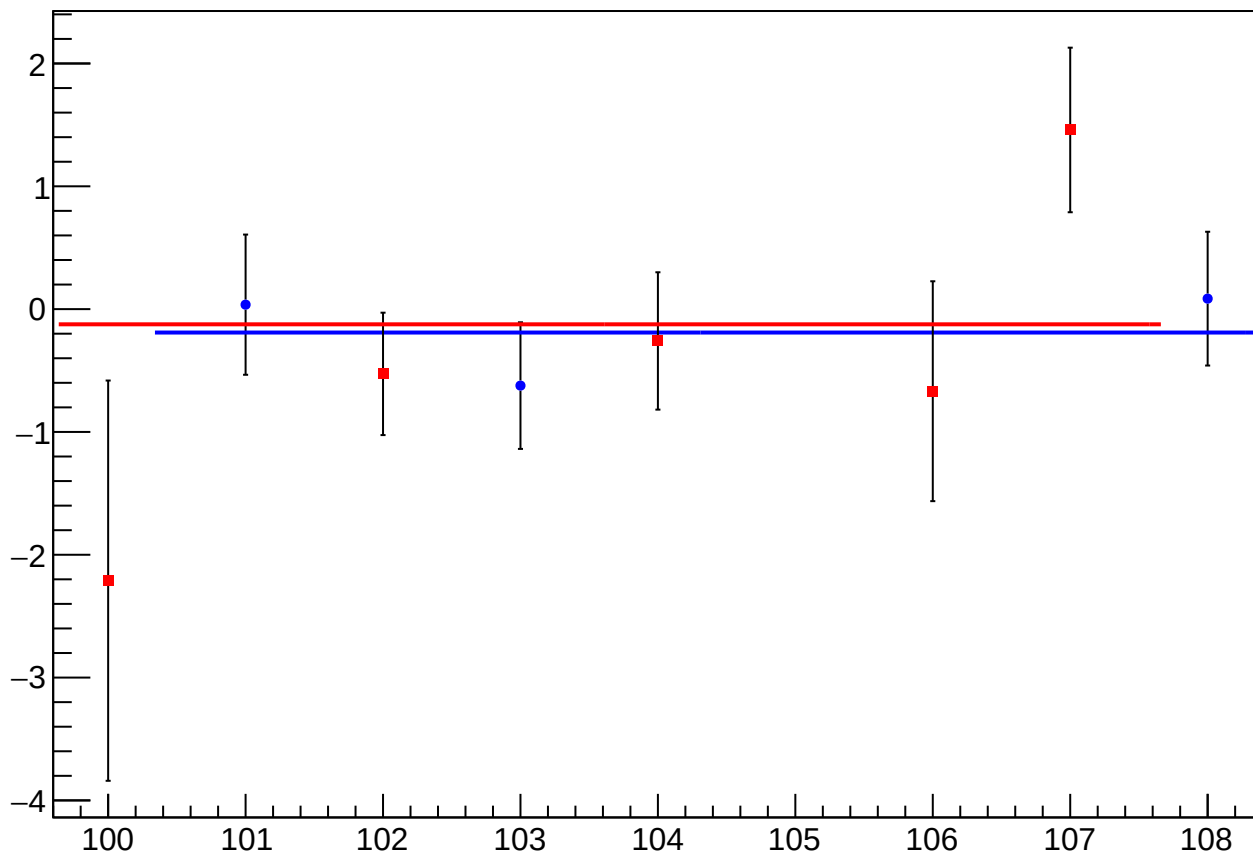
Right: 13876.936 $\pm$ 5.319 χ^2 /NDF: 93912.2/7

In: 13580.662 $\pm$ 7.533 χ^2 /NDF:59843.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 13876.936 $\pm$ 5.319 χ^2 /NDF: 93912.2/7

diff_bpm_4aX_4eX_dd_mean vs Slug, Sign Corrected



Right In: -0.191 $\pm$ 0.313 χ^2 /NDF: 1.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.124 $\pm$ 0.300 χ^2 /NDF: 8.3/4

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

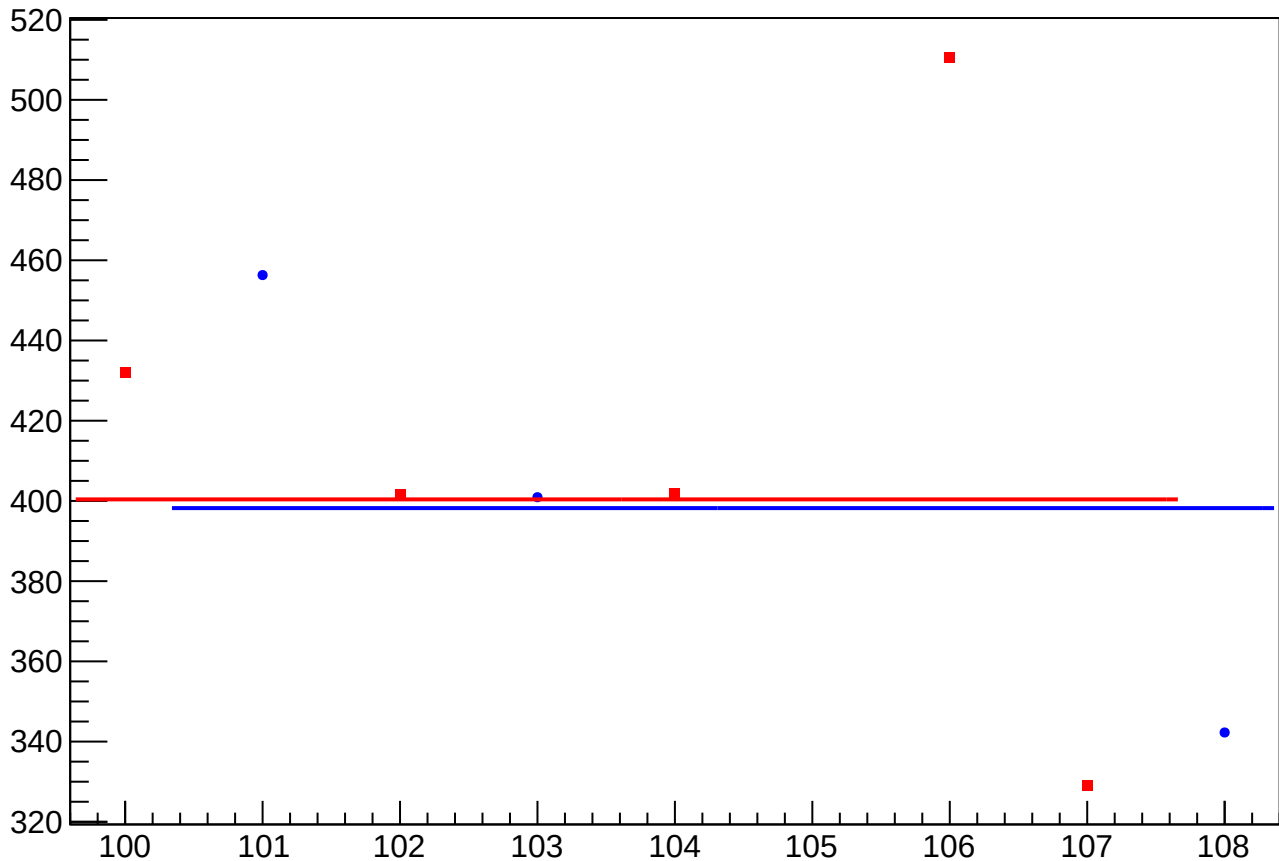
Right: -0.156 $\pm$ 0.217 χ^2 /NDF: 9.4/7

In: -0.191 $\pm$ 0.313 χ^2 /NDF: 1.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.156 $\pm$ 0.217 χ^2 /NDF: 9.4/7

diff_bpm_4aX_4eX_dd_rms vs Slug, Sign Corrected



Right In: 398.212 $\pm$ 0.221 χ^2 /NDF: 41875.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 400.386 $\pm$ 0.212 χ^2 /NDF: 53850.8/4

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

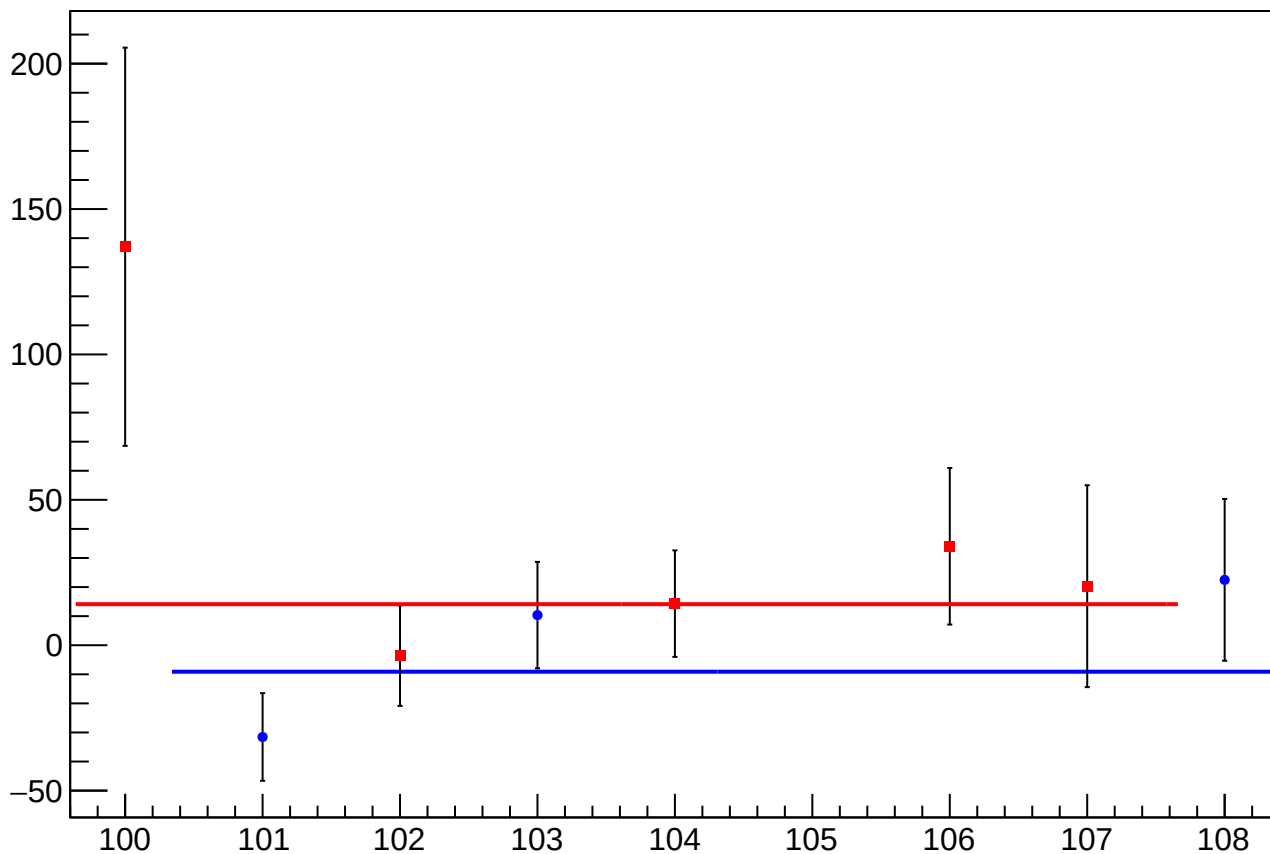
Right: 399.343 $\pm$ 0.153 χ^2 /NDF: 95776.9/7

In: 398.212 $\pm$ 0.221 χ^2 /NDF:41875.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 399.343 $\pm$ 0.153 χ^2 /NDF: 95776.9/7

diff_bpm_4aX_4ecX_avg_mean vs Slug, Sign Corrected



Right In: -9.105+/-10.734 χ^2/NDF : 4.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.121+/-10.688 χ^2/NDF : 4.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

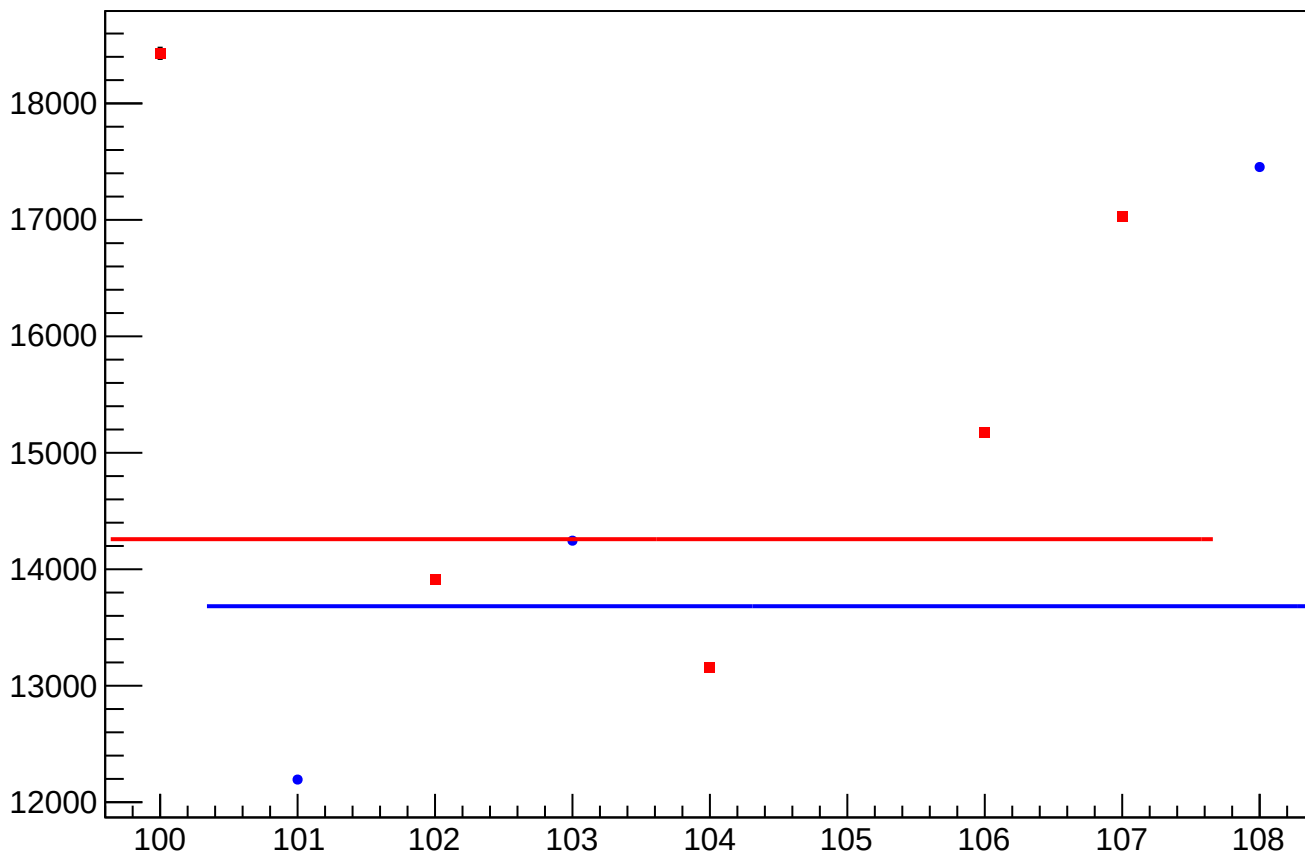
Right: 2.558+/-7.574 χ^2/NDF : 11.8/7

In: -9.105+/-10.734 χ^2/NDF : 4.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.558+/-7.574 χ^2/NDF : 11.8/7

diff_bpm_4aX_4ecX_avg_rms vs Slug, Sign Corrected



Right In: 13682.761 $\pm$ 7.590 χ^2 /NDF: 58183.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 14258.334 $\pm$ 7.557 χ^2 /NDF: 30579.0/4

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

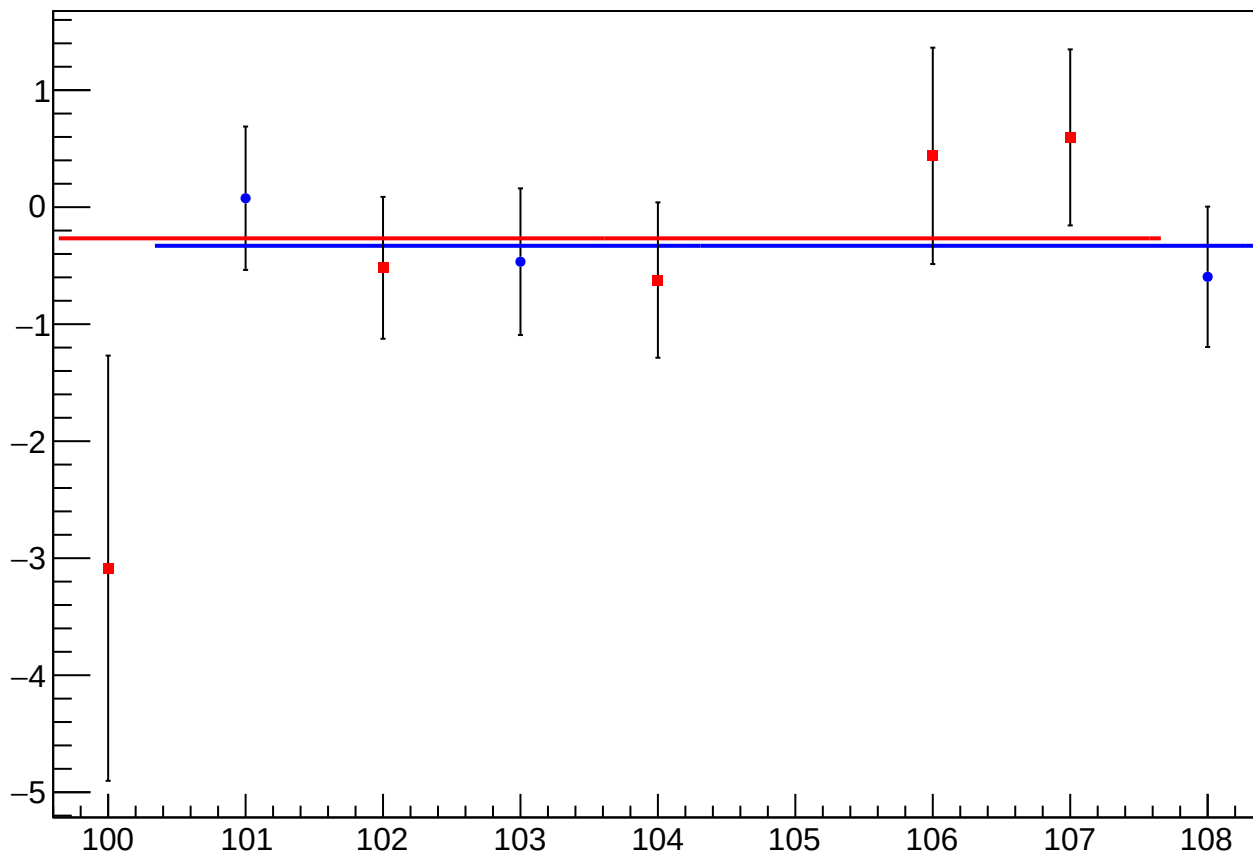
Right: 13971.792 $\pm$ 5.355 χ^2 /NDF: 91649.9/7

In: 13682.761 $\pm$ 7.590 χ^2 /NDF:58183.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 13971.792 $\pm$ 5.355 χ^2 /NDF: 91649.9/7

diff_bpm_4aX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: -0.330 ± 0.354 χ^2/NDF : 0.7/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.267 ± 0.349 χ^2/NDF : 4.8/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

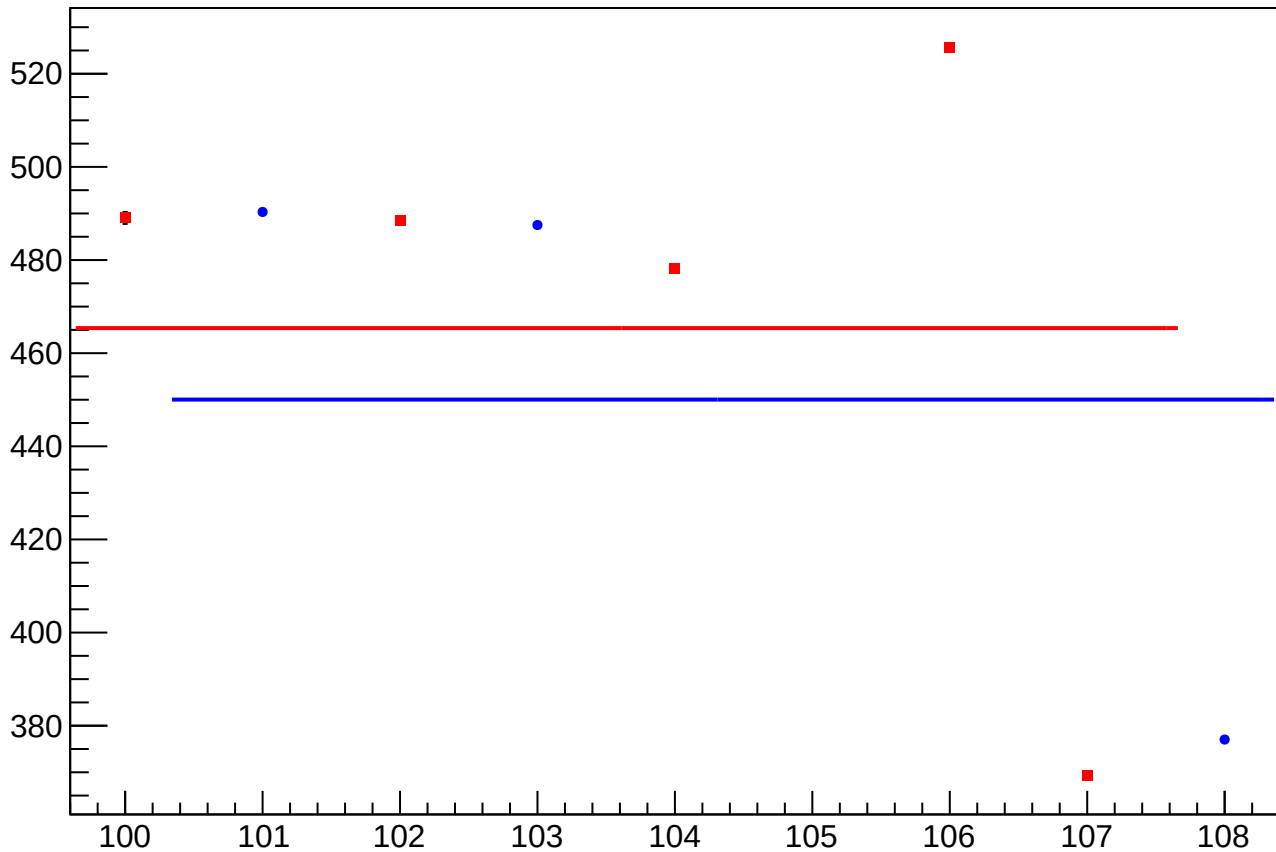
Right: -0.298 ± 0.248 χ^2/NDF : 5.5/7

In: -0.330 ± 0.354 χ^2/NDF : 0.7/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.298 ± 0.248 χ^2/NDF : 5.5/7

diff_bpm_4aX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 450.033+/-0.250 χ^2/NDF : 45416.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 465.383+/-0.246 χ^2/NDF : 45082.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

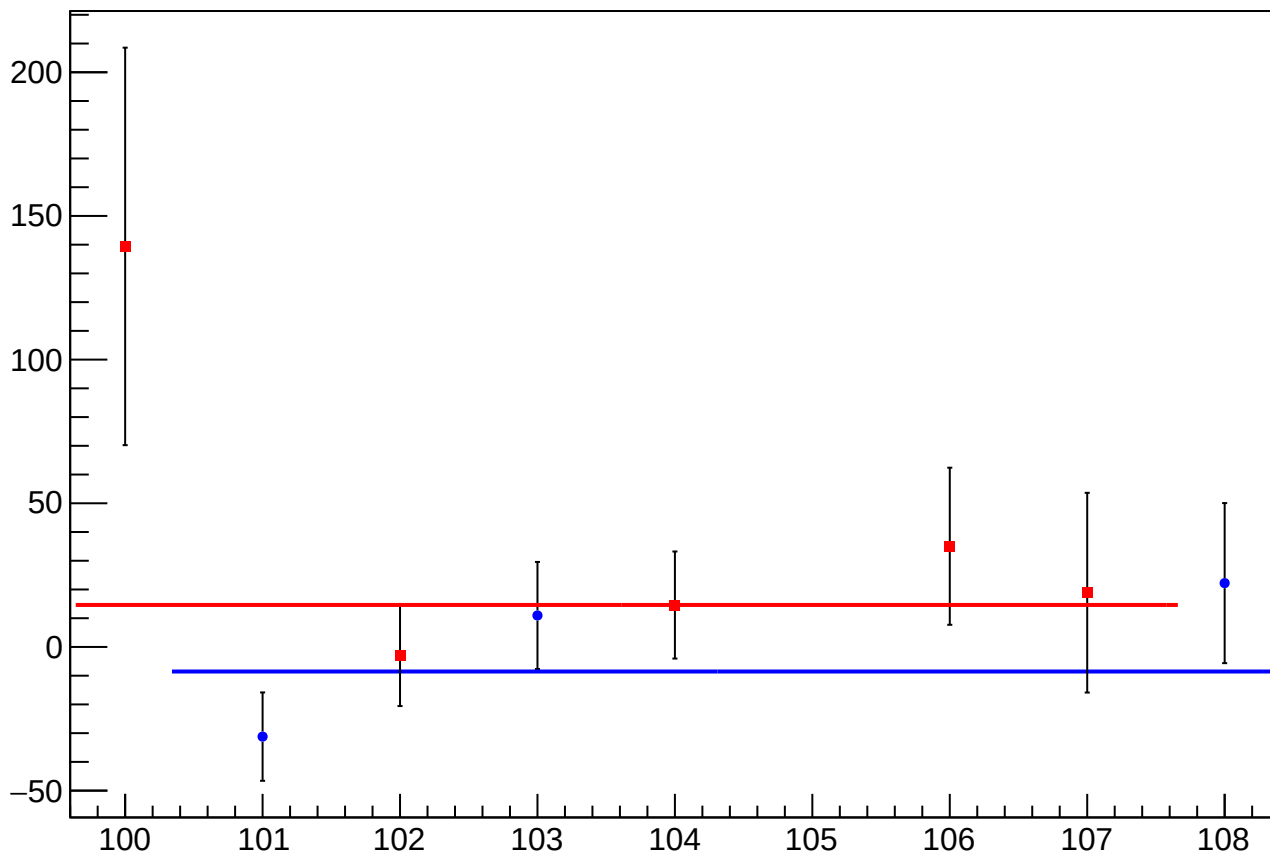
Right: 457.823+/-0.176 χ^2/NDF : 92409.4/7

In: 450.033+/-0.250 χ^2/NDF : 45416.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 457.823+/-0.176 χ^2/NDF : 92409.4/7

diff_bpm_4eX_4ecX_avg_mean vs Slug, Sign Corrected



Right In: -8.547+/-10.912 χ^2/NDF : 4.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.617+/-10.854 χ^2/NDF : 4.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

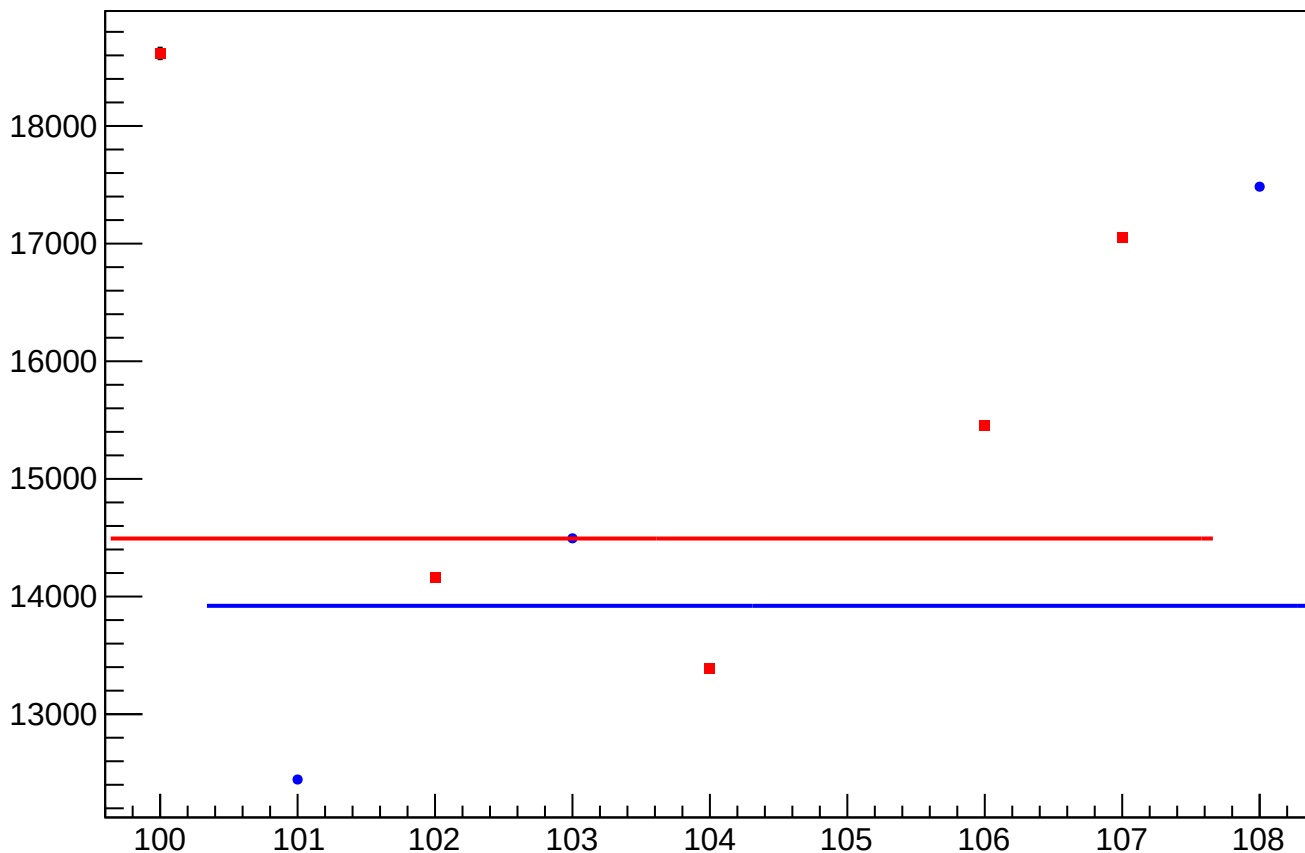
Right: 3.097+/-7.695 χ^2/NDF : 11.6/7

In: -8.547+/-10.912 χ^2/NDF : 4.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.097+/-7.695 χ^2/NDF : 11.6/7

diff_bpm_4eX_4ecX_avg_rms vs Slug, Sign Corrected



Right In: 13921.200+/-7.716 χ^2/NDF : 53054.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14493.271+/-7.675 χ^2/NDF : 28187.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

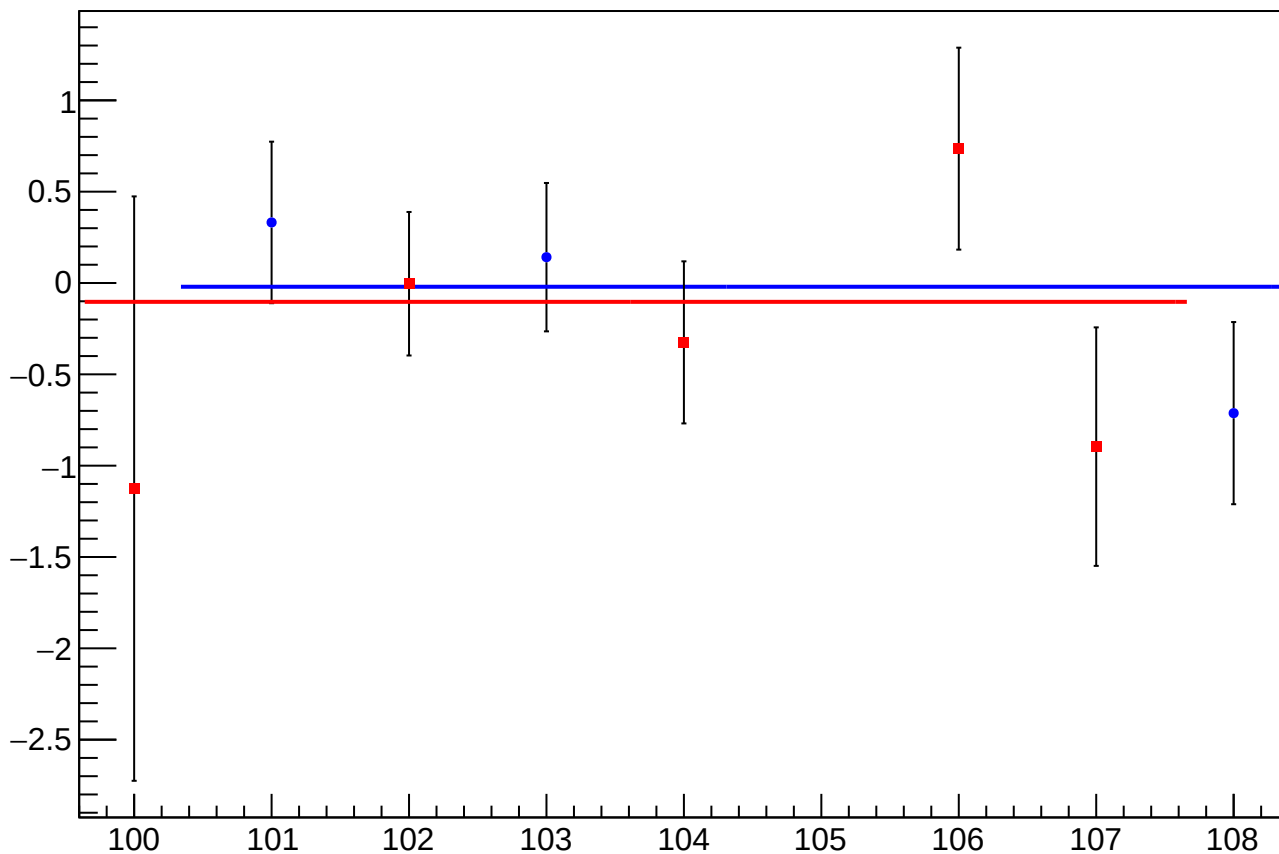
Right: 14208.760+/-5.441 χ^2/NDF : 84004.9/7

In: 13921.200+/-7.716 χ^2/NDF : 53054.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14208.760+/-5.441 χ^2/NDF : 84004.9/7

diff_bpm_4eX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: -0.021 $\pm$ 0.257 χ^2 /NDF: 2.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.103 $\pm$ 0.239 χ^2 /NDF: 4.5/4

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

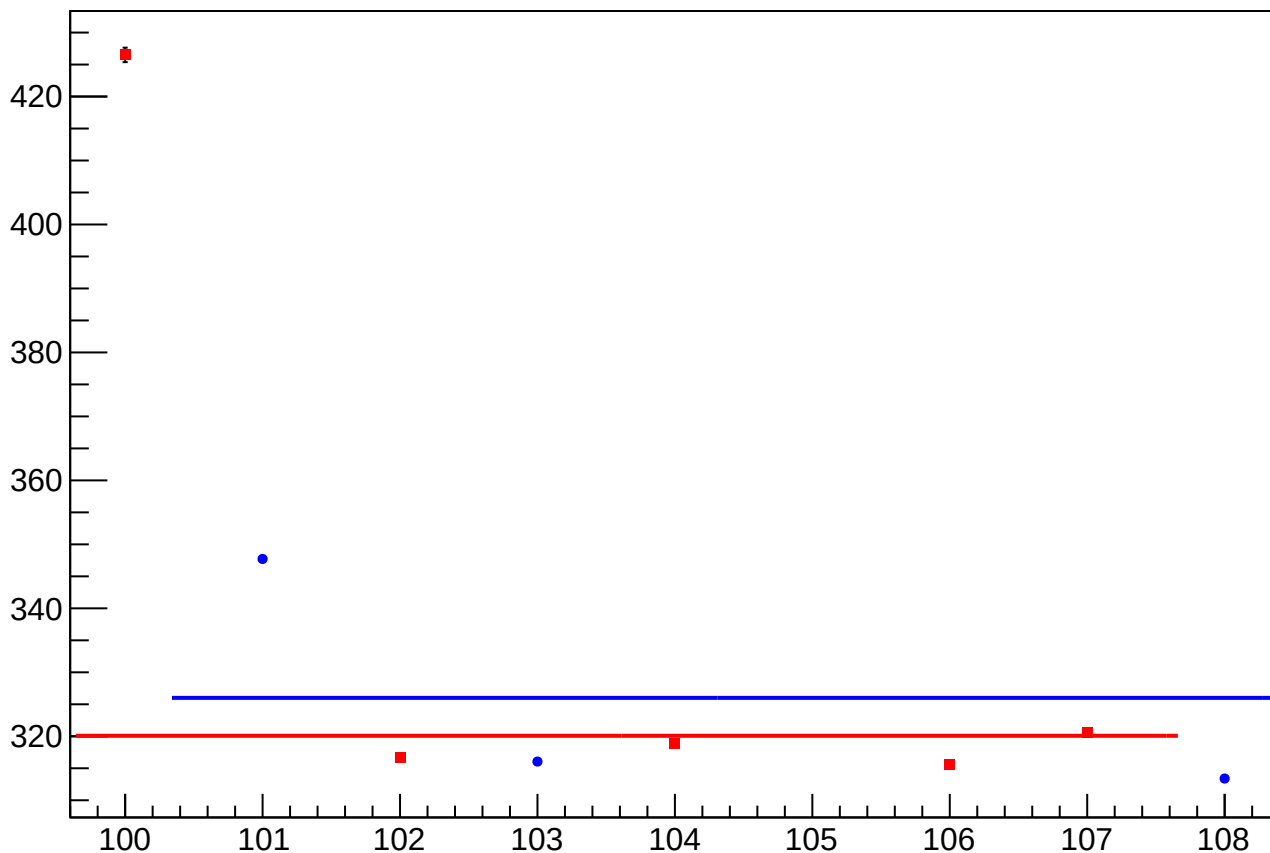
Right: -0.065 $\pm$ 0.175 χ^2 /NDF: 7.3/7

In: -0.021 $\pm$ 0.257 χ^2 /NDF:2.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.065 $\pm$ 0.175 χ^2 /NDF: 7.3/7

diff_bpm_4eX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 326.006 $\pm$ 0.181 χ^2 /NDF: 7304.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 320.079 $\pm$ 0.169 χ^2 /NDF: 9148.3/4

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

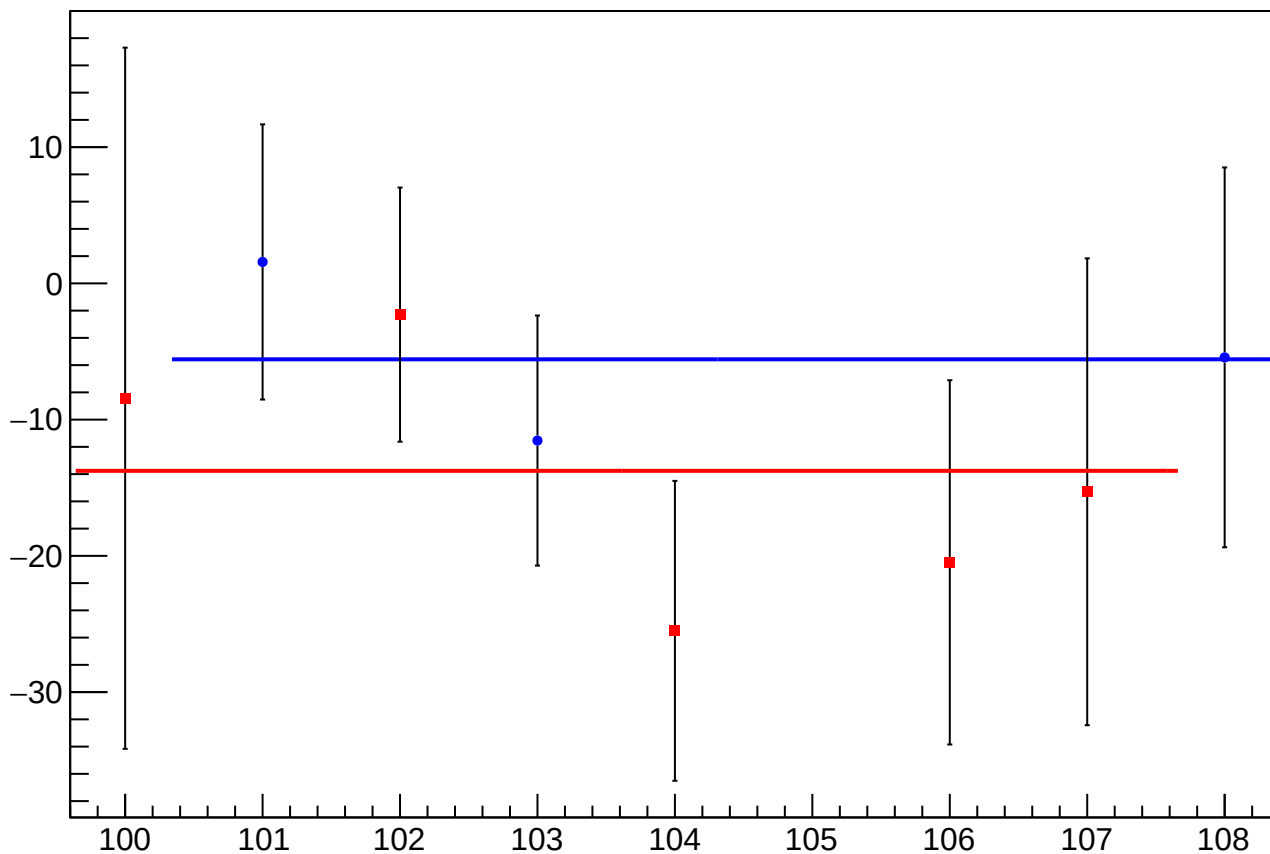
Right: 322.828 $\pm$ 0.124 χ^2 /NDF: 17025.6/7

In: 326.006 $\pm$ 0.181 χ^2 /NDF:7304.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 322.828 $\pm$ 0.124 χ^2 /NDF: 17025.6/7

diff_bpm_4aY_4acY_avg_mean vs Slug, Sign Corrected



Right In: -5.574+/-6.106 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.757+/-5.749 χ^2/NDF : 3.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

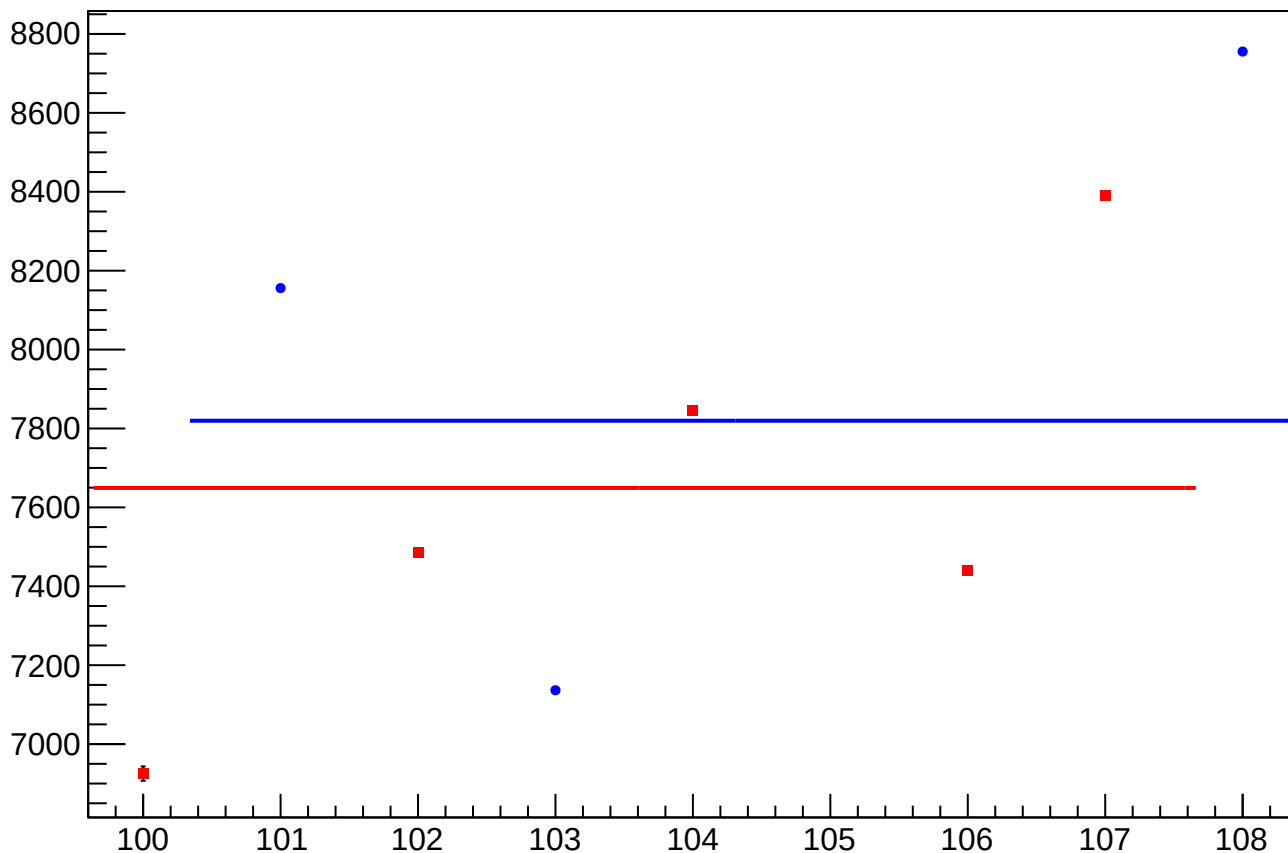
Right: -9.912+/-4.185 χ^2/NDF : 4.8/7

In: -5.574+/-6.106 χ^2/NDF : 0.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.912+/-4.185 χ^2/NDF : 4.8/7

diff_bpm_4aY_4acY_avg_rms vs Slug, Sign Corrected



Right In: 7819.607 $\pm$ 4.317 χ^2 /NDF: 22311.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7649.281 $\pm$ 4.065 χ^2 /NDF: 7067.7/4

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

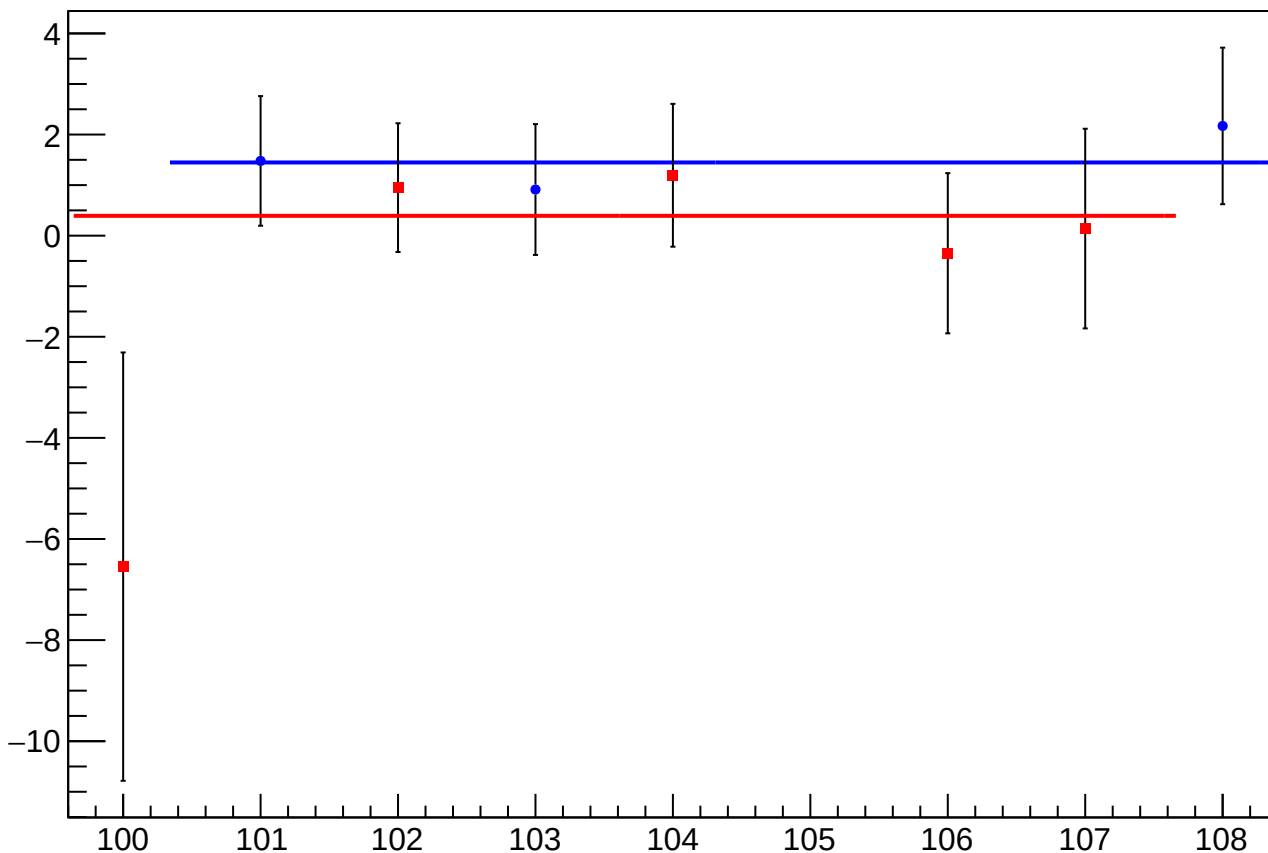
Right: 7729.318 $\pm$ 2.960 χ^2 /NDF: 30204.0/7

In: 7819.607 $\pm$ 4.317 χ^2 /NDF: 22311.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7729.318 $\pm$ 2.960 χ^2 /NDF: 30204.0/7

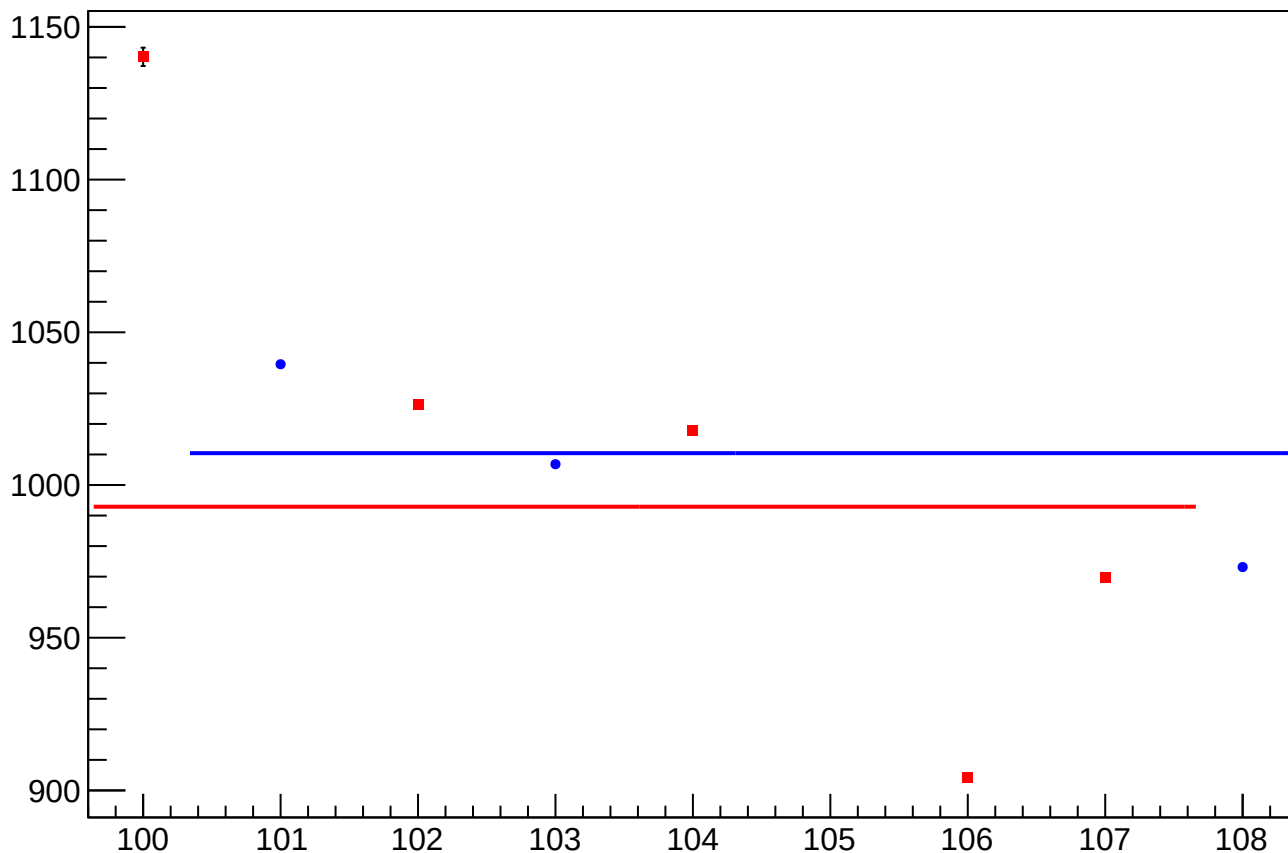
diff_bpm_4aY_4acY_dd_mean vs Slug, Sign Corrected



Right In: 1.448 $\pm$ 0.785 χ^2 /NDF: 0.4/2
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 0.392 $\pm$ 0.739 χ^2 /NDF: 3.4/4
 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: 0.889 $\pm$ 0.538 χ^2 /NDF: 4.8/7
 In: 1.448 $\pm$ 0.785 χ^2 /NDF: 0.4/2
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.889 $\pm$ 0.538 χ^2 /NDF: 4.8/7

diff_bpm_4aY_4acY_dd_rms vs Slug, Sign Corrected



Right In: 1010.430+/-0.555 χ^2/NDF : 2207.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 992.896+/-0.523 χ^2/NDF : 10951.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

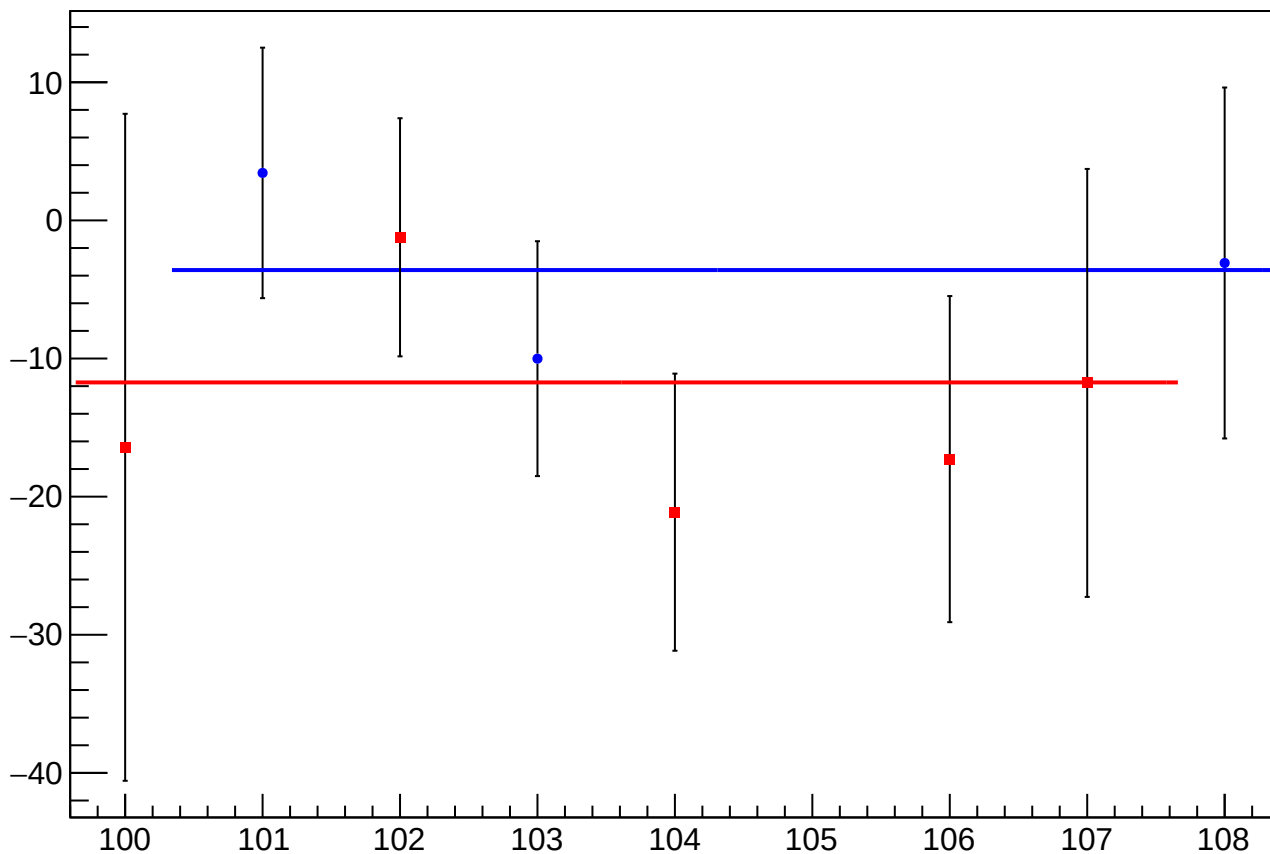
Right: 1001.140+/-0.381 χ^2/NDF : 13688.0/7

In: 1010.430+/-0.555 χ^2/NDF : 2207.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1001.140+/-0.381 χ^2/NDF : 13688.0/7

diff_bpm_4aY_4eY_avg_mean vs Slug, Sign Corrected



Right In: -3.596 ± 5.573 χ^2/NDF : 1.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -11.731 ± 5.238 χ^2/NDF : 2.6/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

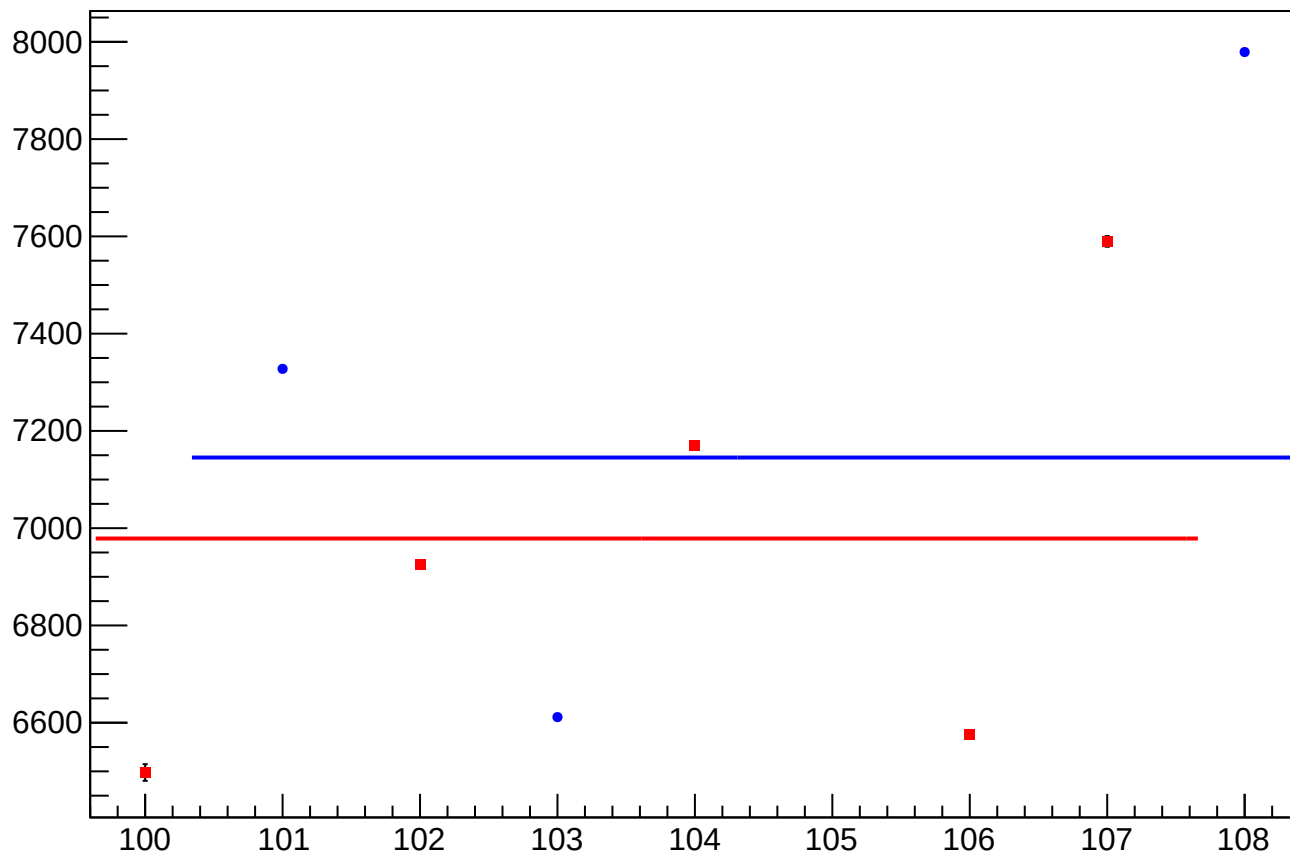
Right: -7.916 ± 3.817 χ^2/NDF : 4.9/7

In: -3.596 ± 5.573 χ^2/NDF : 1.2/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.916 ± 3.817 χ^2/NDF : 4.9/7

diff_bpm_4aY_4eY_avg_rms vs Slug, Sign Corrected



Right In: 7145.278+/-3.941 χ^2/NDF : 17305.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6978.735+/-3.704 χ^2/NDF : 7037.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

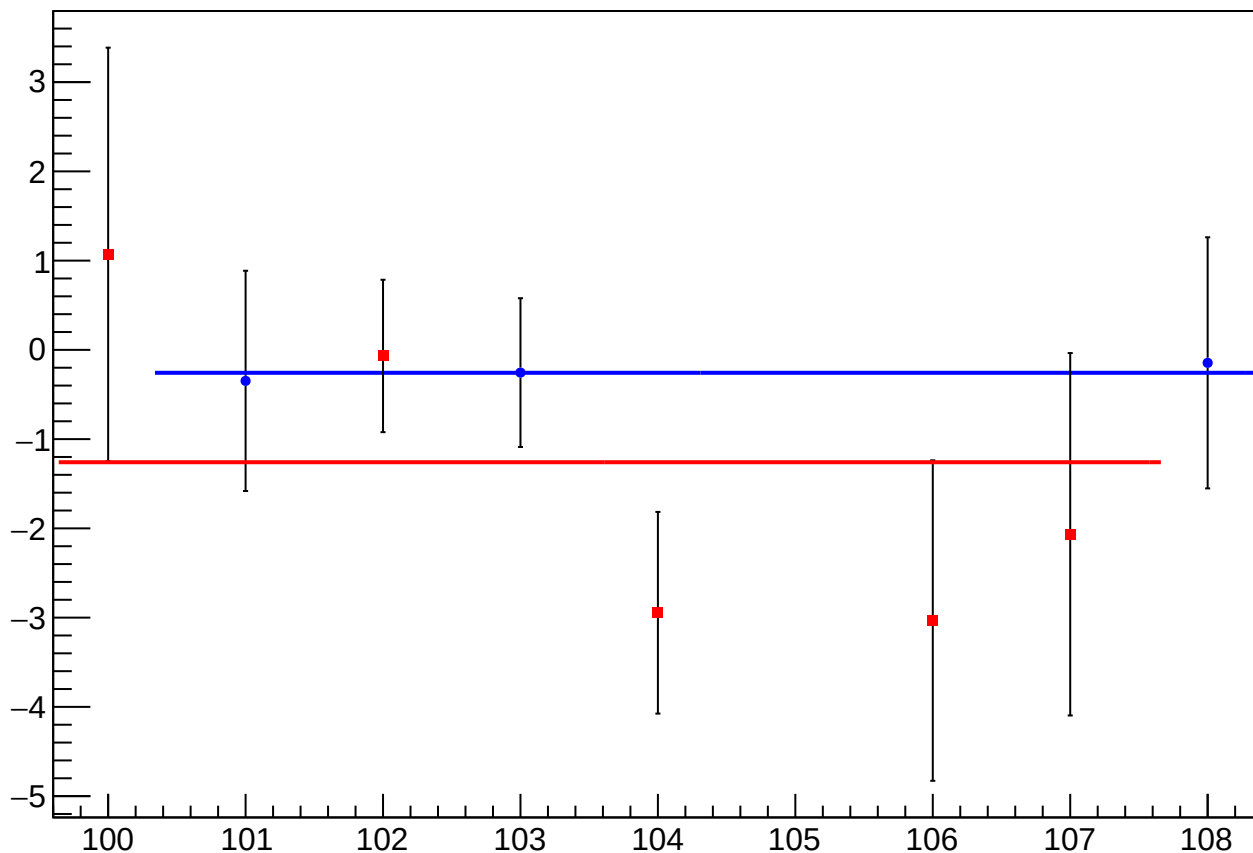
Right: 7056.837+/-2.699 χ^2/NDF : 25291.3/7

In: 7145.278+/-3.941 χ^2/NDF : 17305.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7056.837+/-2.699 χ^2/NDF : 25291.3/7

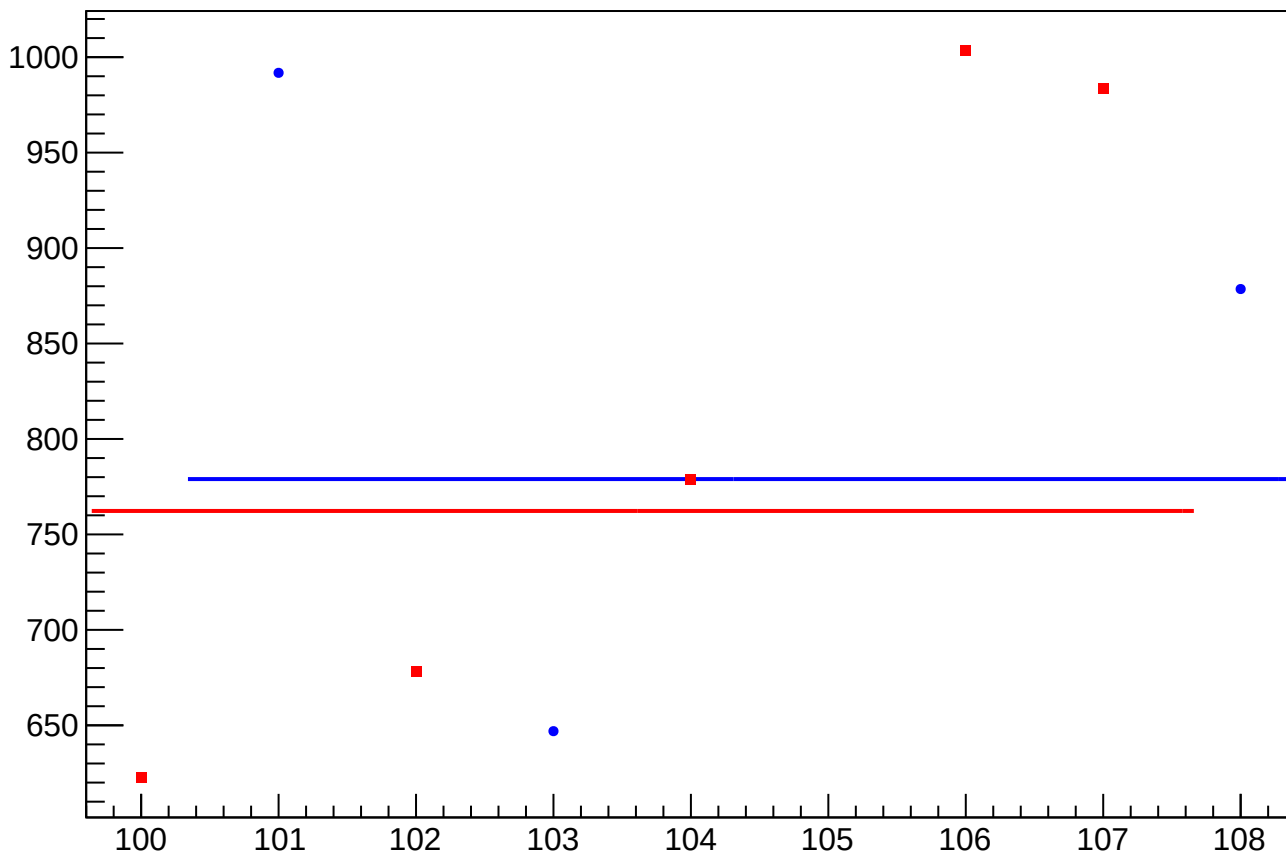
diff_bpm_4aY_4eY_dd_mean vs Slug, Sign Corrected



Right In: -0.257+/-0.620 χ^2/NDF : 0.0/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1.259+/-0.588 χ^2/NDF : 6.3/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.785+/-0.427 χ^2/NDF : 7.7/7
 In: -0.257+/-0.620 χ^2/NDF : 0.0/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.785+/-0.427 χ^2/NDF : 7.7/7

diff_bpm_4aY_4eY_dd_rms vs Slug, Sign Corrected



Right In: 778.988+/-0.438 χ^2/NDF : 119708.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 762.291+/-0.416 χ^2/NDF : 87080.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

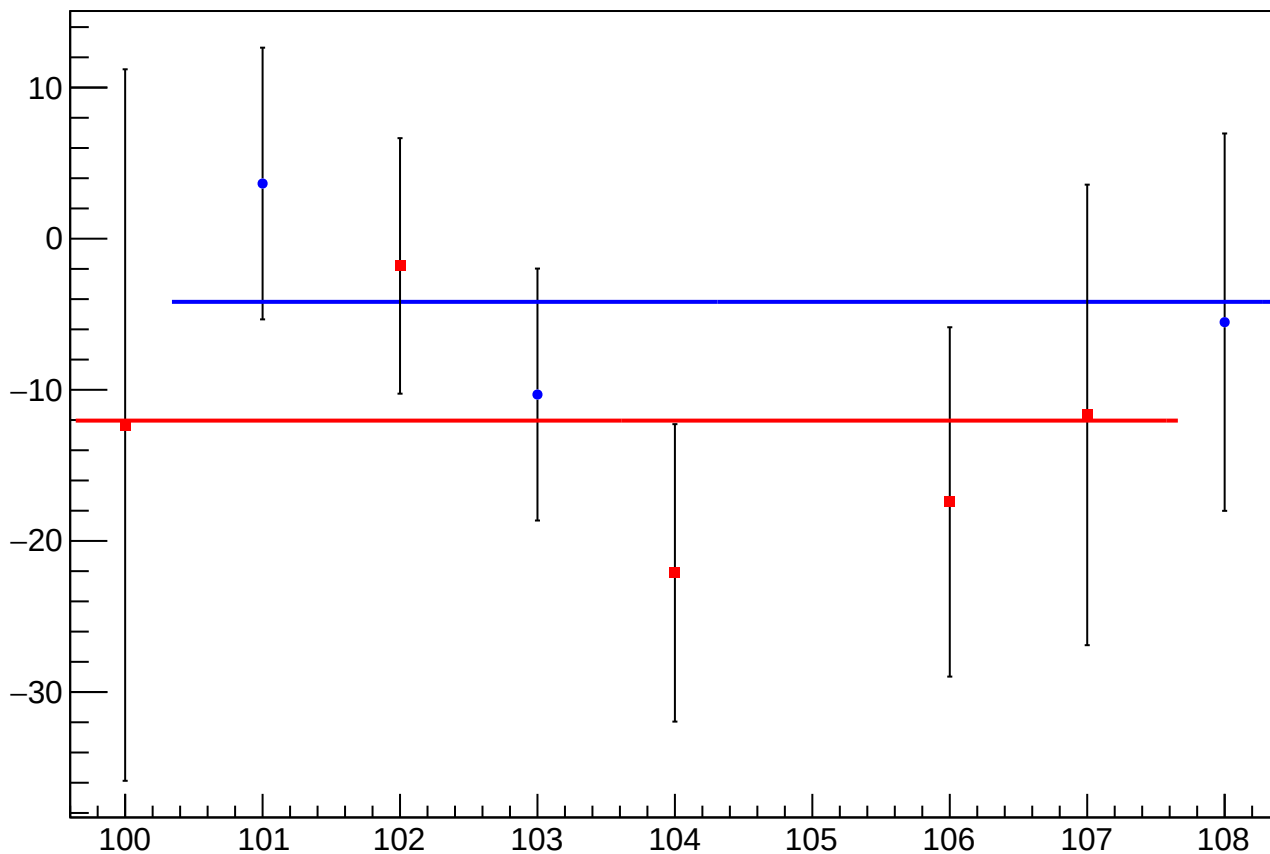
Right: 770.194+/-0.302 χ^2/NDF : 207552.6/7

In: 778.988+/-0.438 χ^2/NDF : 119708.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 770.194+/-0.302 χ^2/NDF : 207552.6/7

diff_bpm_4aY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: -4.180+/-5.490 χ^2/NDF : 1.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.038+/-5.136 χ^2/NDF : 2.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

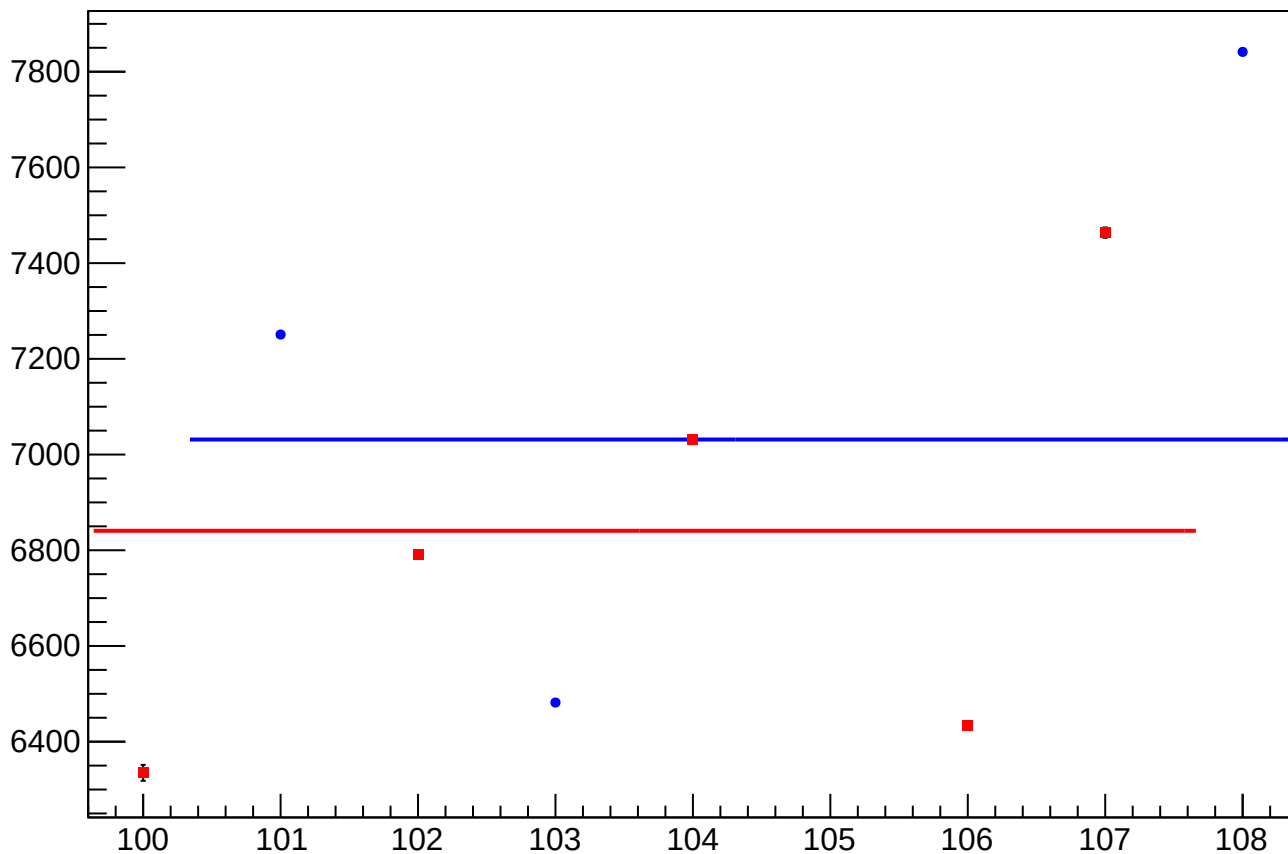
Right: -8.371+/-3.750 χ^2/NDF : 5.1/7

In: -4.180+/-5.490 χ^2/NDF : 1.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.371+/-3.750 χ^2/NDF : 5.1/7

diff_bpm_4aY_4ecY_avg_rms vs Slug, Sign Corrected



Right In: 7031.438 $\pm$ 3.882 χ^2 /NDF: 18305.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6840.701 $\pm$ 3.631 χ^2 /NDF: 7566.6/4

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

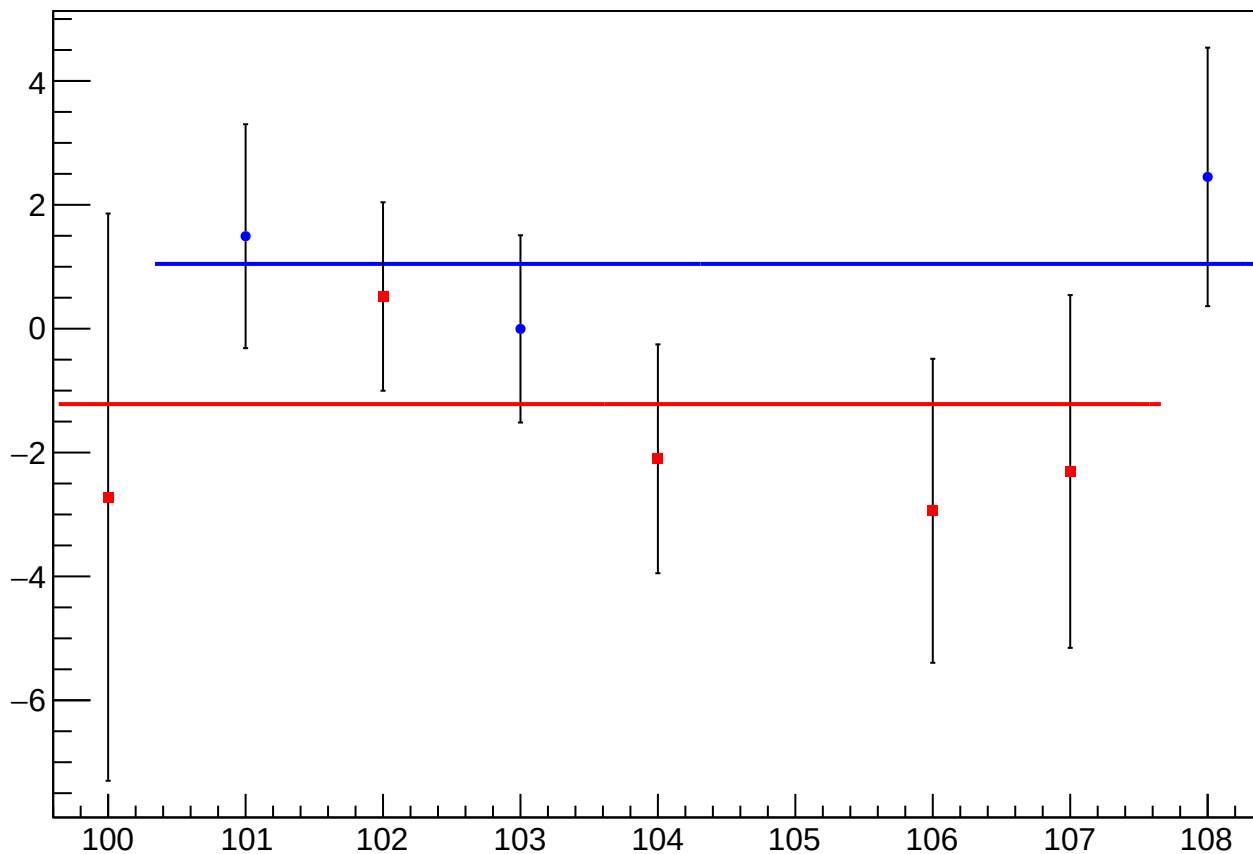
Right: 6929.722 $\pm$ 2.652 χ^2 /NDF: 27159.2/7

In: 7031.438 $\pm$ 3.882 χ^2 /NDF: 18305.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6929.722 $\pm$ 2.652 χ^2 /NDF: 27159.2/7

diff_bpm_4aY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 1.046+/-1.014 χ^2/NDF : 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.218+/-0.970 χ^2/NDF : 2.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

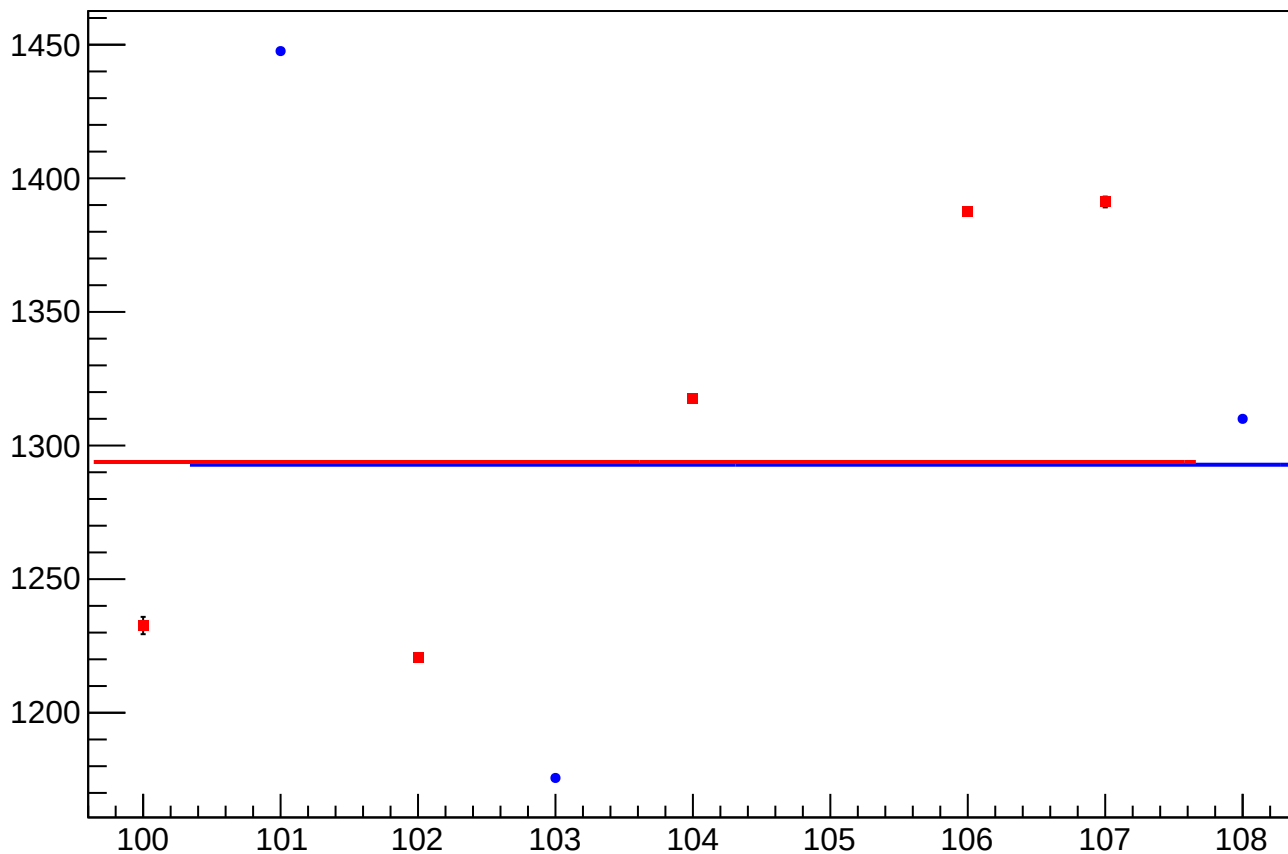
Right: -0.135+/-0.701 χ^2/NDF : 5.9/7

In: 1.046+/-1.014 χ^2/NDF : 1.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.135+/-0.701 χ^2/NDF : 5.9/7

diff_bpm_4aY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 1292.823+/-0.717 χ^2/NDF : 26825.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1293.845+/-0.686 χ^2/NDF : 10526.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

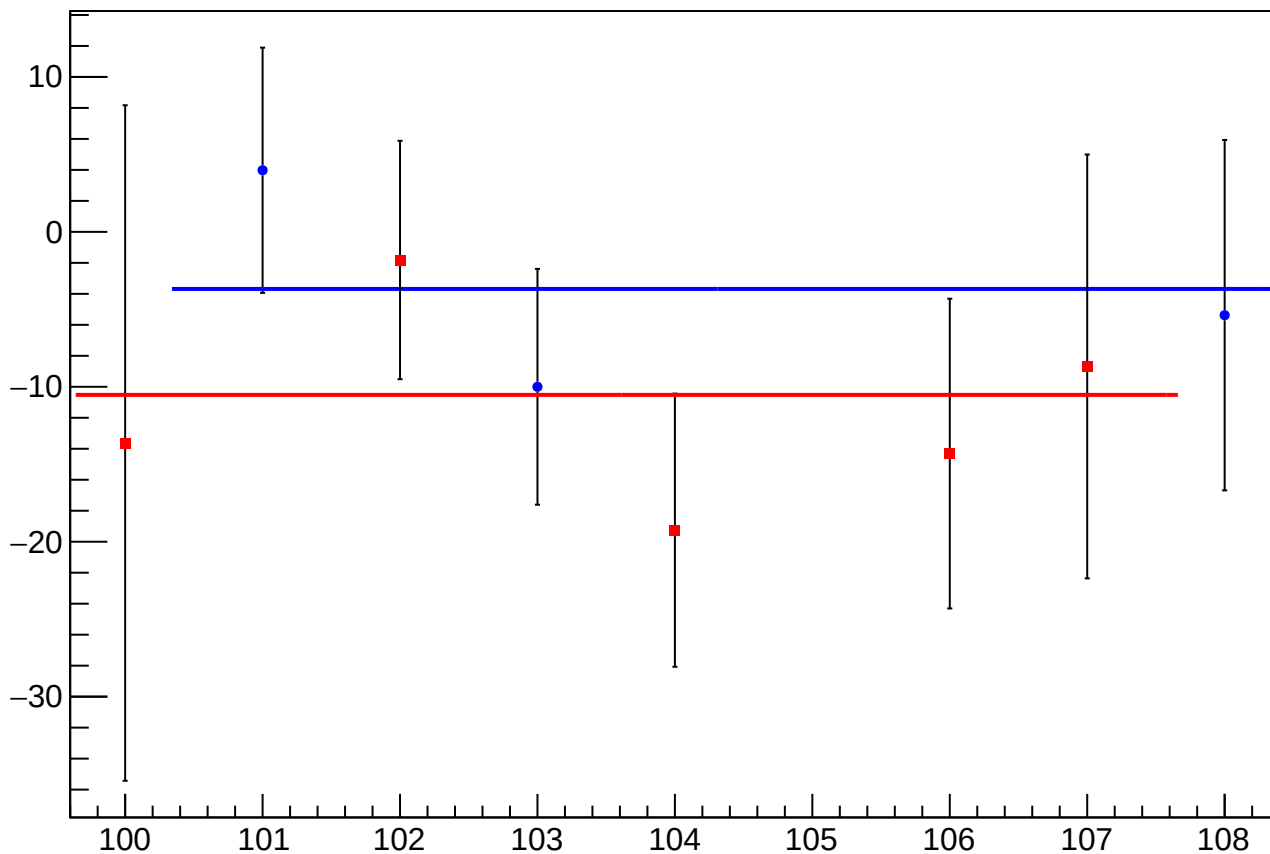
Right: 1293.356+/-0.496 χ^2/NDF : 37352.7/7

In: 1292.823+/-0.717 χ^2/NDF : 26825.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1293.356+/-0.496 χ^2/NDF : 37352.7/7

diff_bpm_4eY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: -3.683+/-4.935 χ^2/NDF : 1.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.521+/-4.602 χ^2/NDF : 2.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

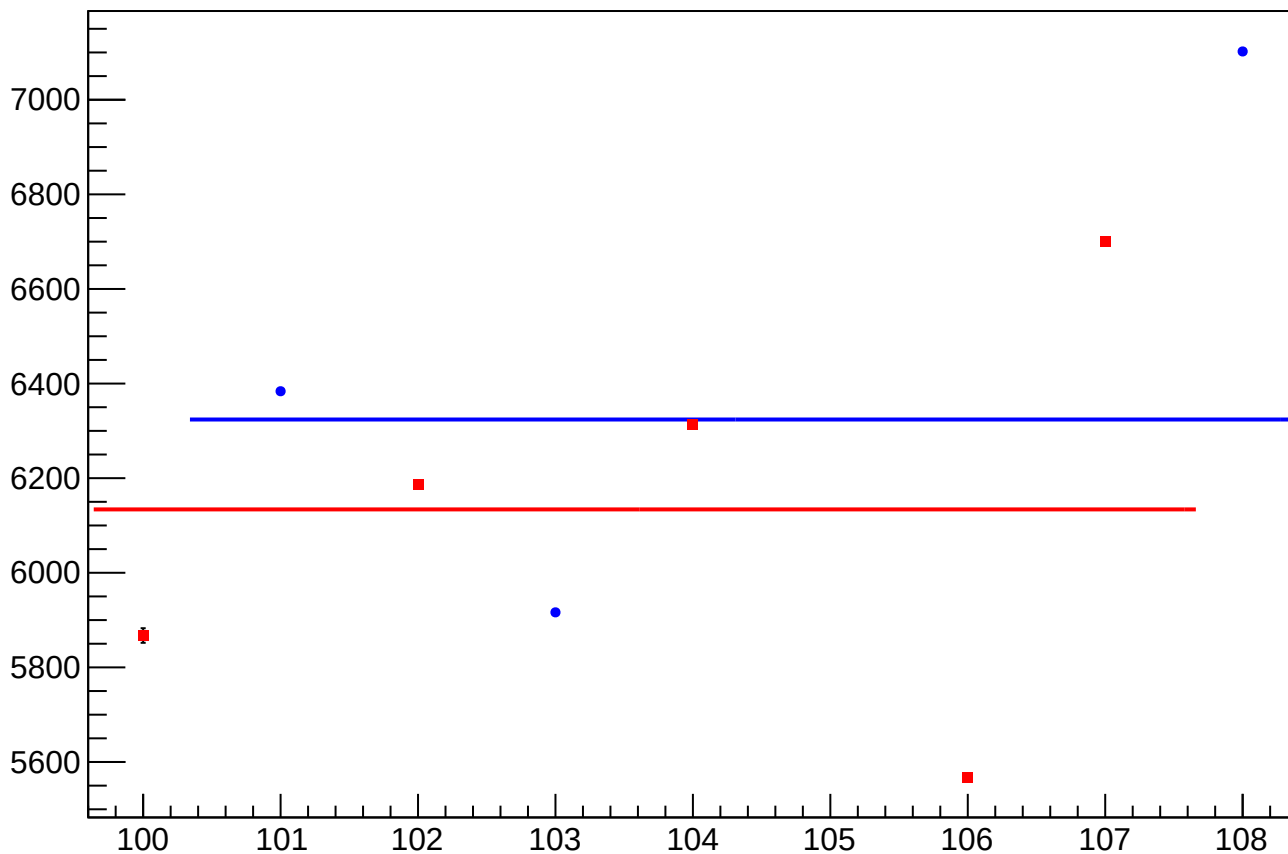
Right: -7.340+/-3.366 χ^2/NDF : 5.1/7

In: -3.683+/-4.935 χ^2/NDF : 1.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.340+/-3.366 χ^2/NDF : 5.1/7

diff_bpm_4eY_4ecY_avg_rms vs Slug, Sign Corrected



Right In: 6324.023+/-3.490 χ^2/NDF : 15321.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6133.974+/-3.254 χ^2/NDF : 11082.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

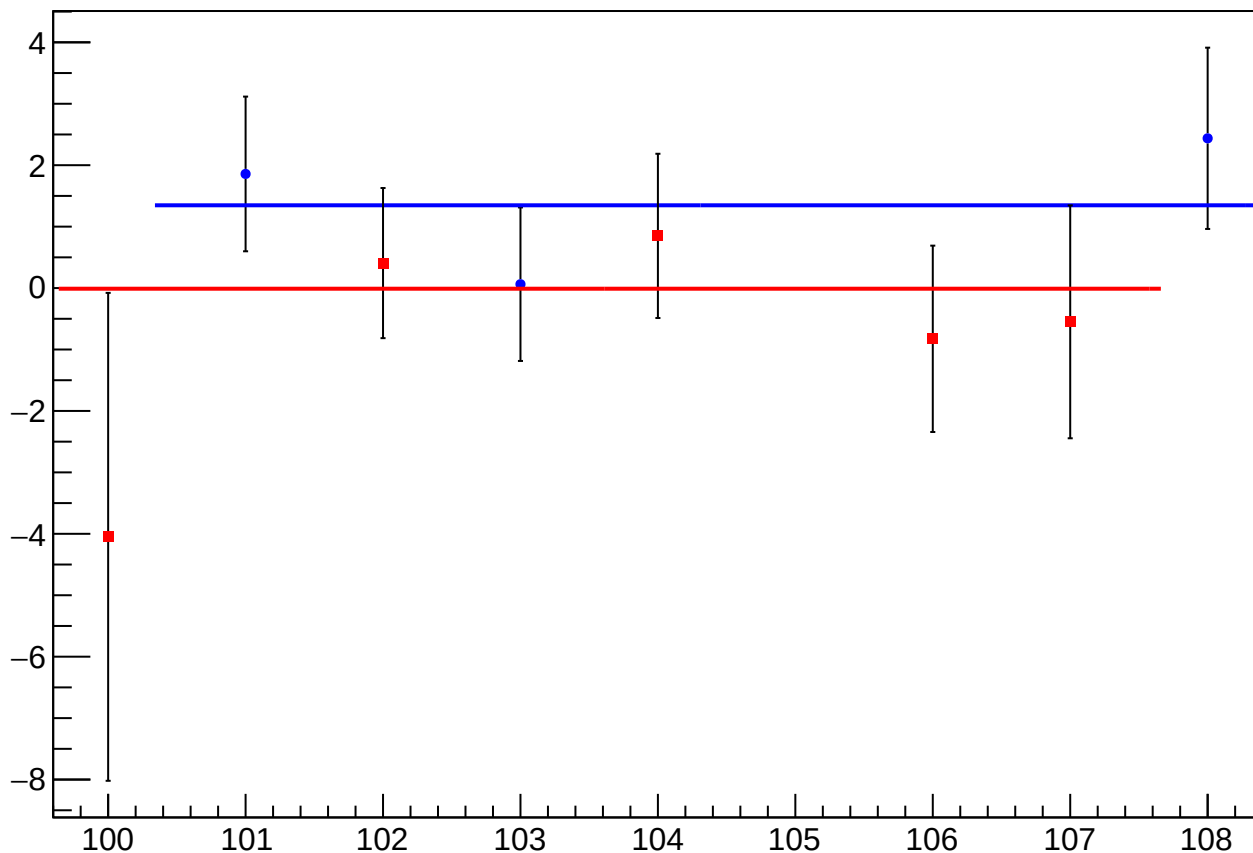
Right: 6222.365+/-2.380 χ^2/NDF : 27990.1/7

In: 6324.023+/-3.490 χ^2/NDF : 15321.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6222.365+/-2.380 χ^2/NDF : 27990.1/7

diff_bpm_4eY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 1.347+/-0.760 χ^2/NDF : 1.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.011+/-0.706 χ^2/NDF : 1.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

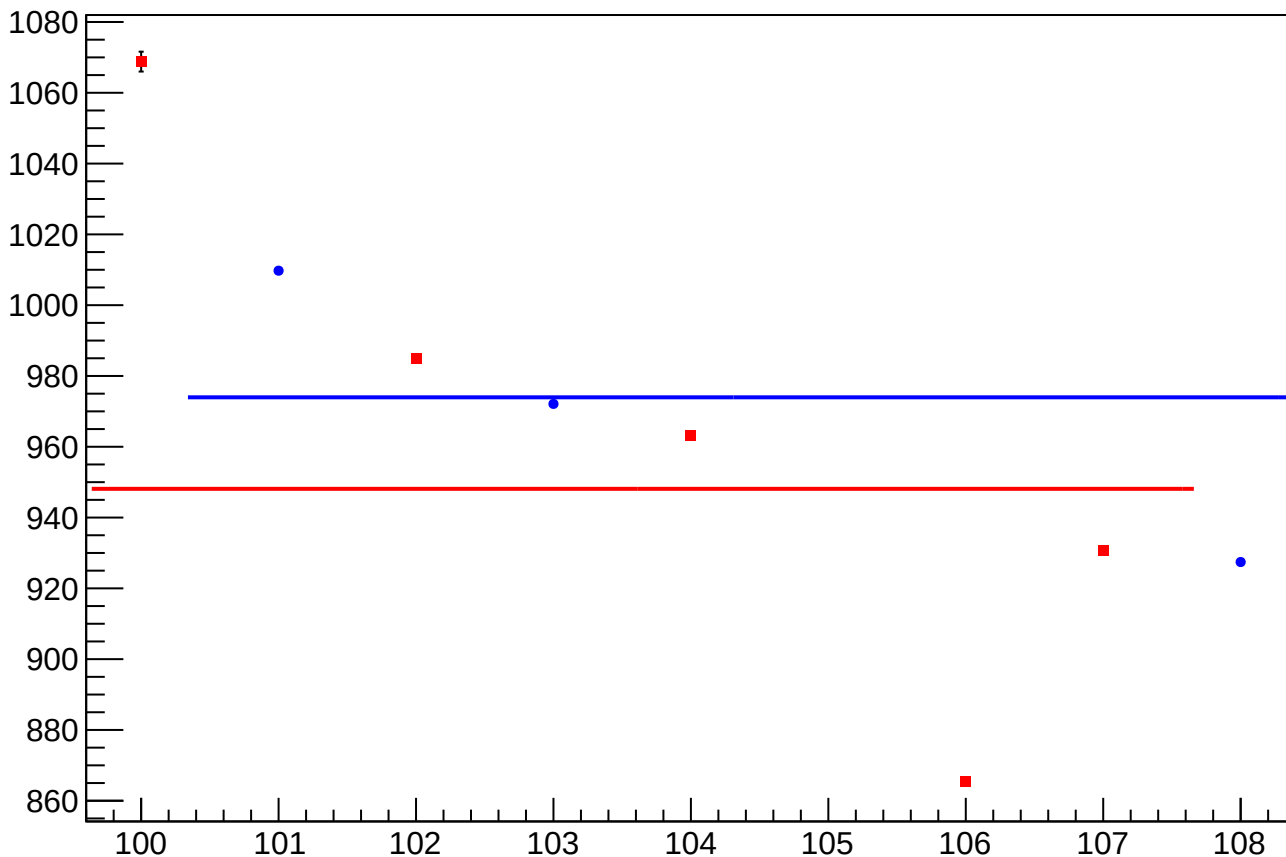
Right: 0.618+/-0.517 χ^2/NDF : 5.4/7

In: 1.347+/-0.760 χ^2/NDF : 1.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.618+/-0.517 χ^2/NDF : 5.4/7

diff_bpm_4eY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 973.969+/-0.537 χ^2/NDF : 3608.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 948.116+/-0.499 χ^2/NDF : 10012.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

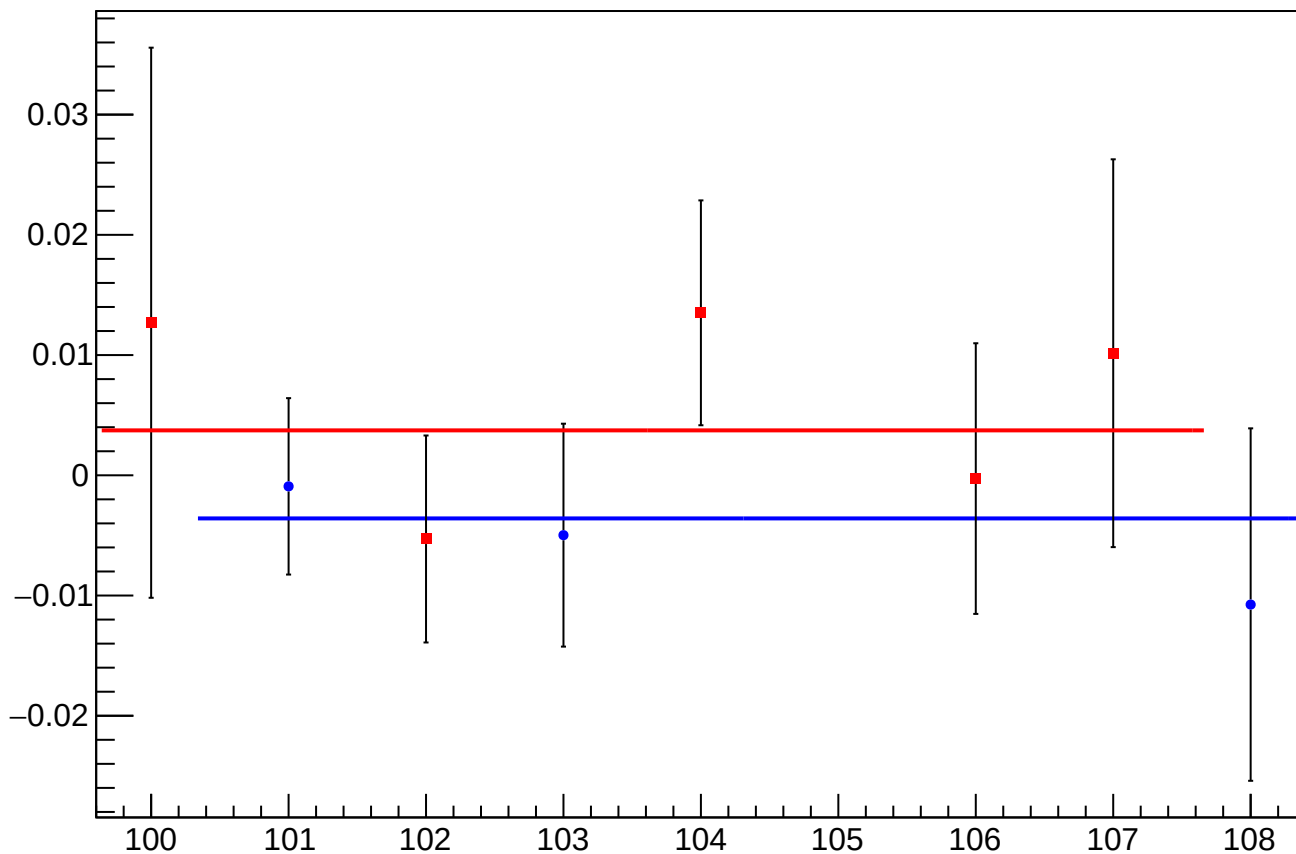
Right: 960.091+/-0.366 χ^2/NDF : 14862.5/7

In: 973.969+/-0.537 χ^2/NDF : 3608.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 960.091+/-0.366 χ^2/NDF : 14862.5/7

diff_dispE_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.005 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.005 χ^2 /NDF: 2.6/4

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

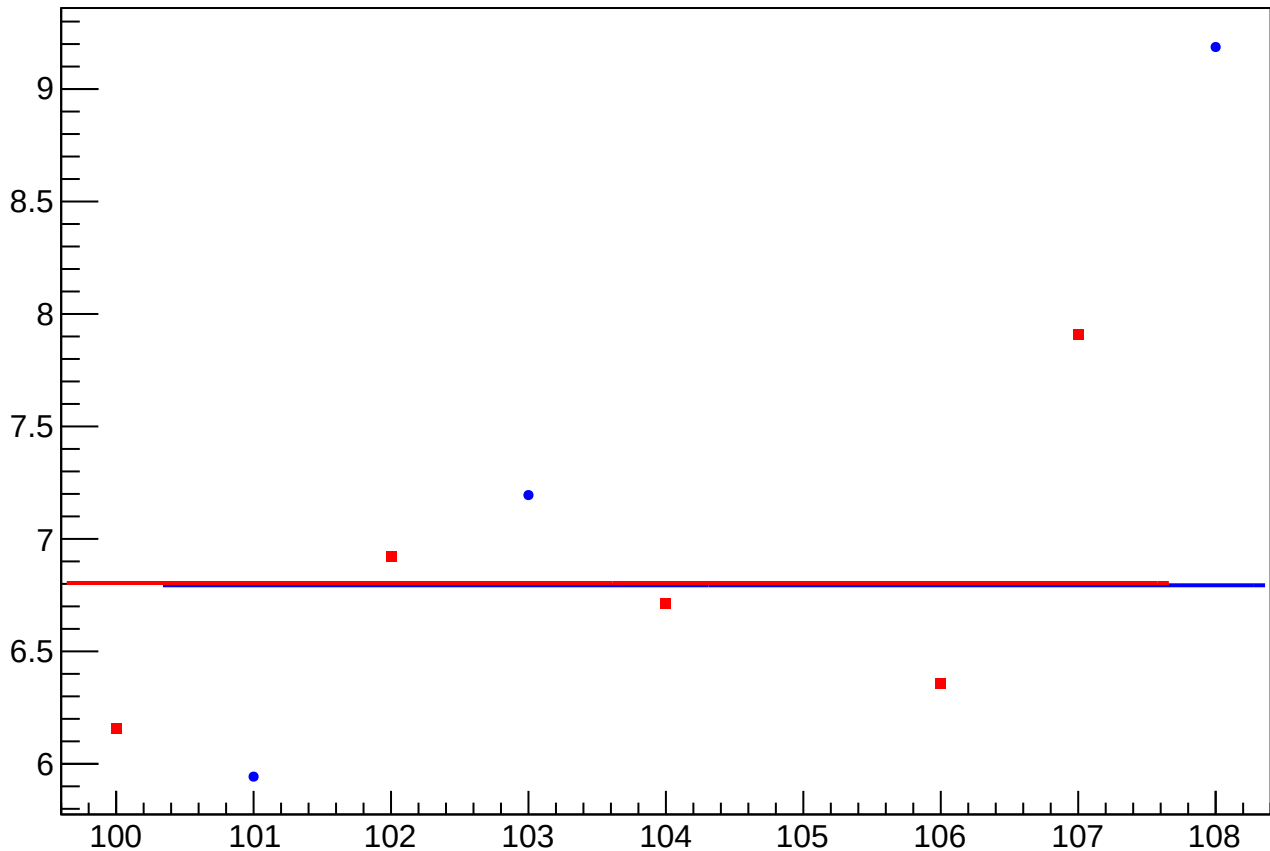
Right: 0.000 $\pm$ 0.004 χ^2 /NDF: 4.0/7

In: -0.004 $\pm$ 0.005 χ^2 /NDF:0.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.004 χ^2 /NDF: 4.0/7

diff_dispE_bpm12X_rms vs Slug, Sign Corrected



Right In: 6.794+/-0.004 χ^2/NDF : 83948.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.804+/-0.004 χ^2/NDF : 14713.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

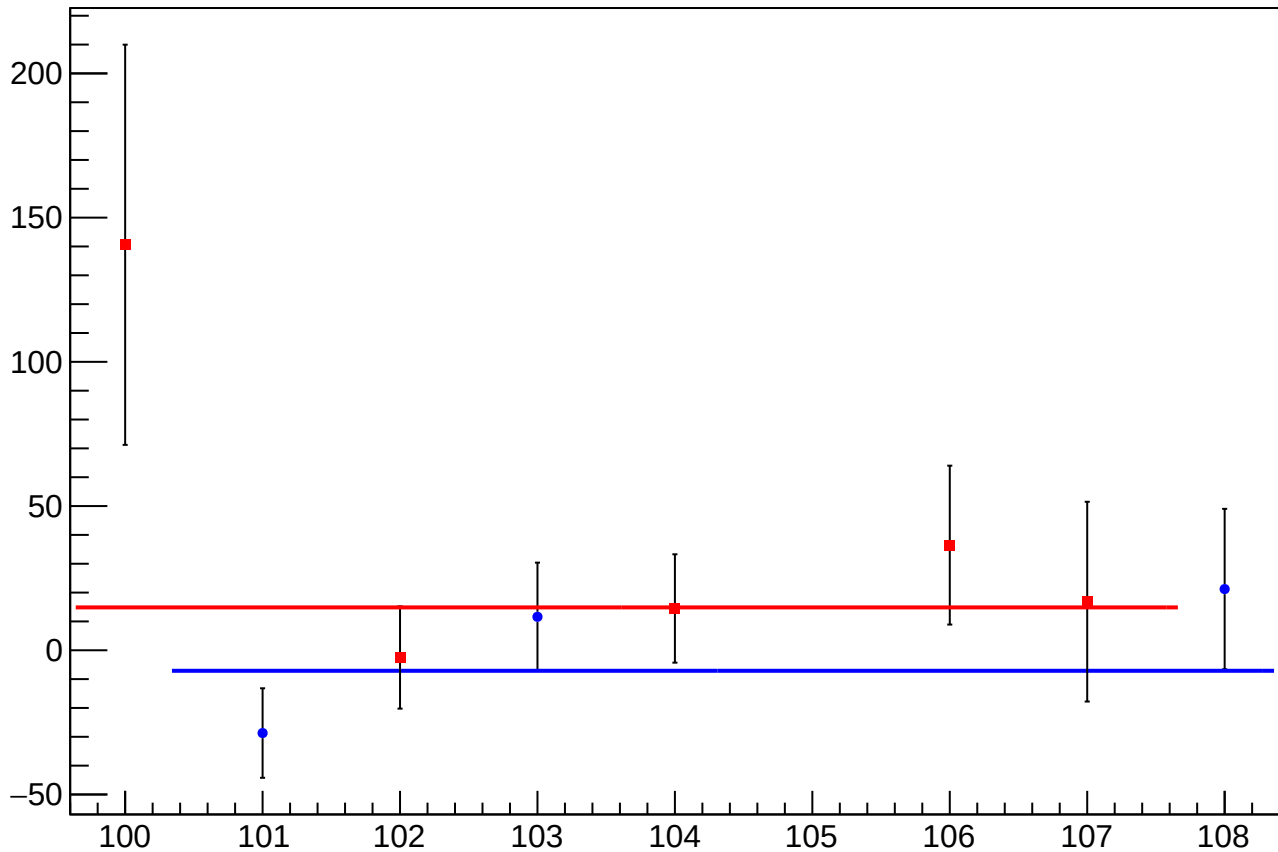
Right: 6.799+/-0.003 χ^2/NDF : 98666.0/7

In: 6.794+/-0.004 χ^2/NDF : 83948.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.799+/-0.003 χ^2/NDF : 98666.0/7

diff_targ_positionX_mean vs Slug, Sign Corrected



Right In: -7.112+/-10.990 χ^2/NDF : 4.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.864+/-10.929 χ^2/NDF : 4.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

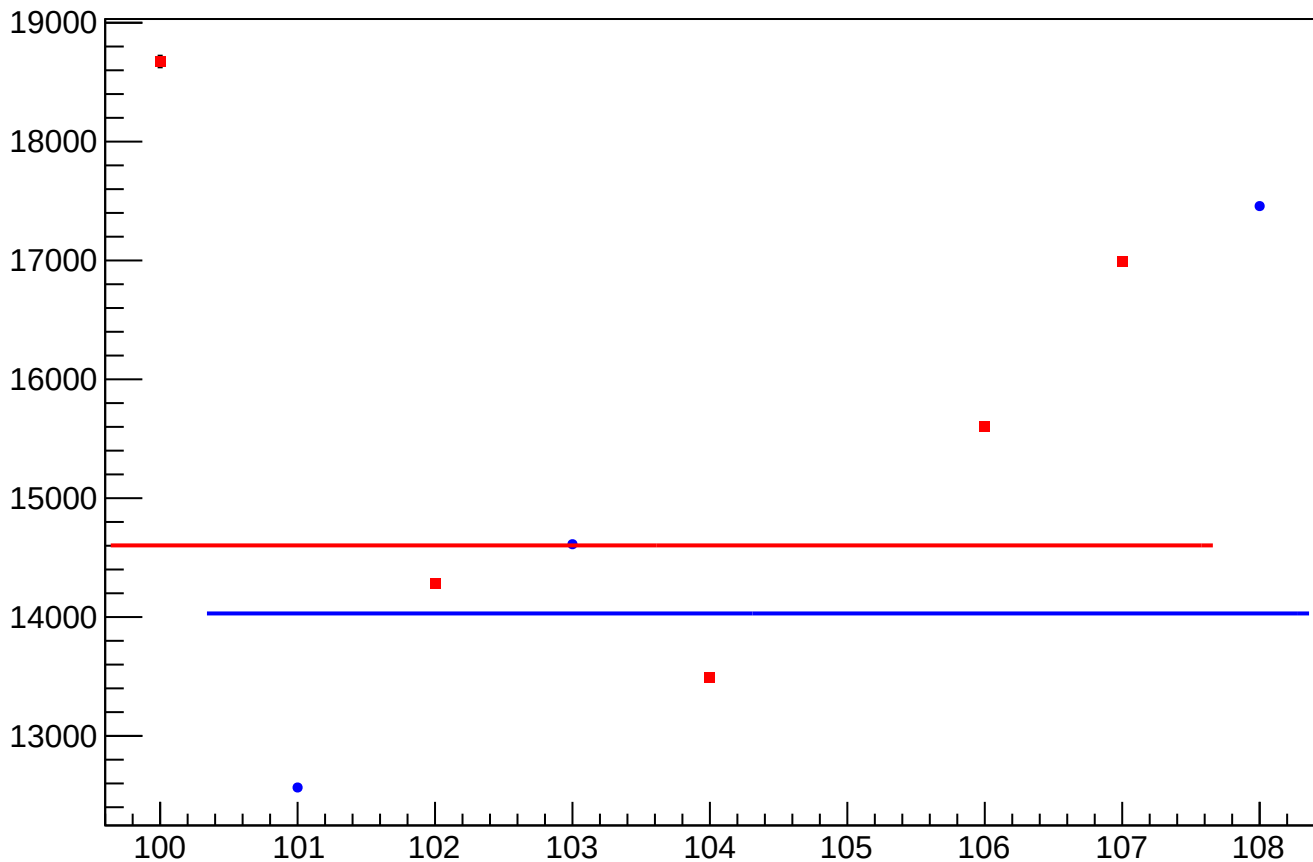
Right: 3.937+/-7.749 χ^2/NDF : 10.8/7

In: -7.112+/-10.990 χ^2/NDF : 4.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.937+/-7.749 χ^2/NDF : 10.8/7

diff_targ_positionX_rms vs Slug, Sign Corrected



Right In: 14030.292+/-7.771 χ^2/NDF : 50105.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14602.766+/-7.728 χ^2/NDF : 26634.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

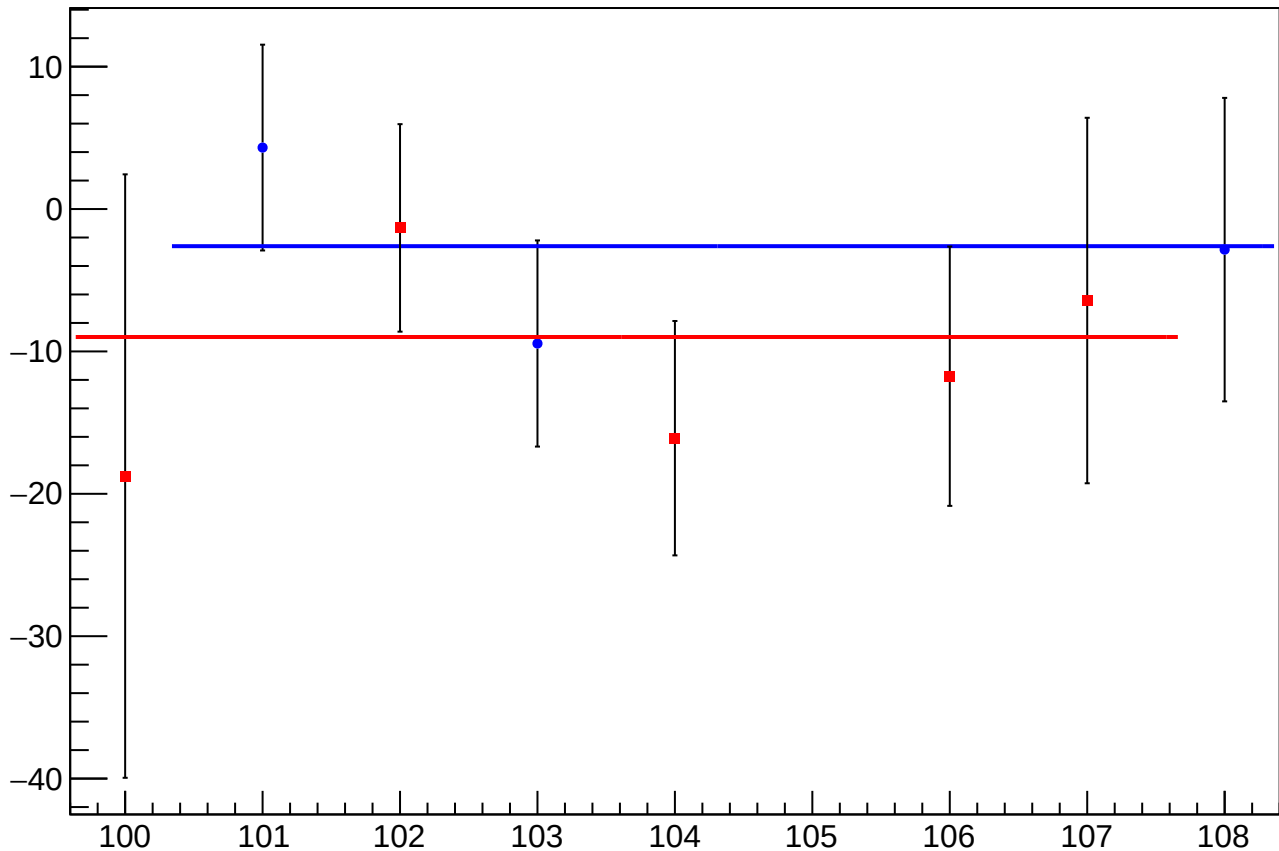
Right: 14318.104+/-5.480 χ^2/NDF : 79468.7/7

In: 14030.292+/-7.771 χ^2/NDF : 50105.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14318.104+/-5.480 χ^2/NDF : 79468.7/7

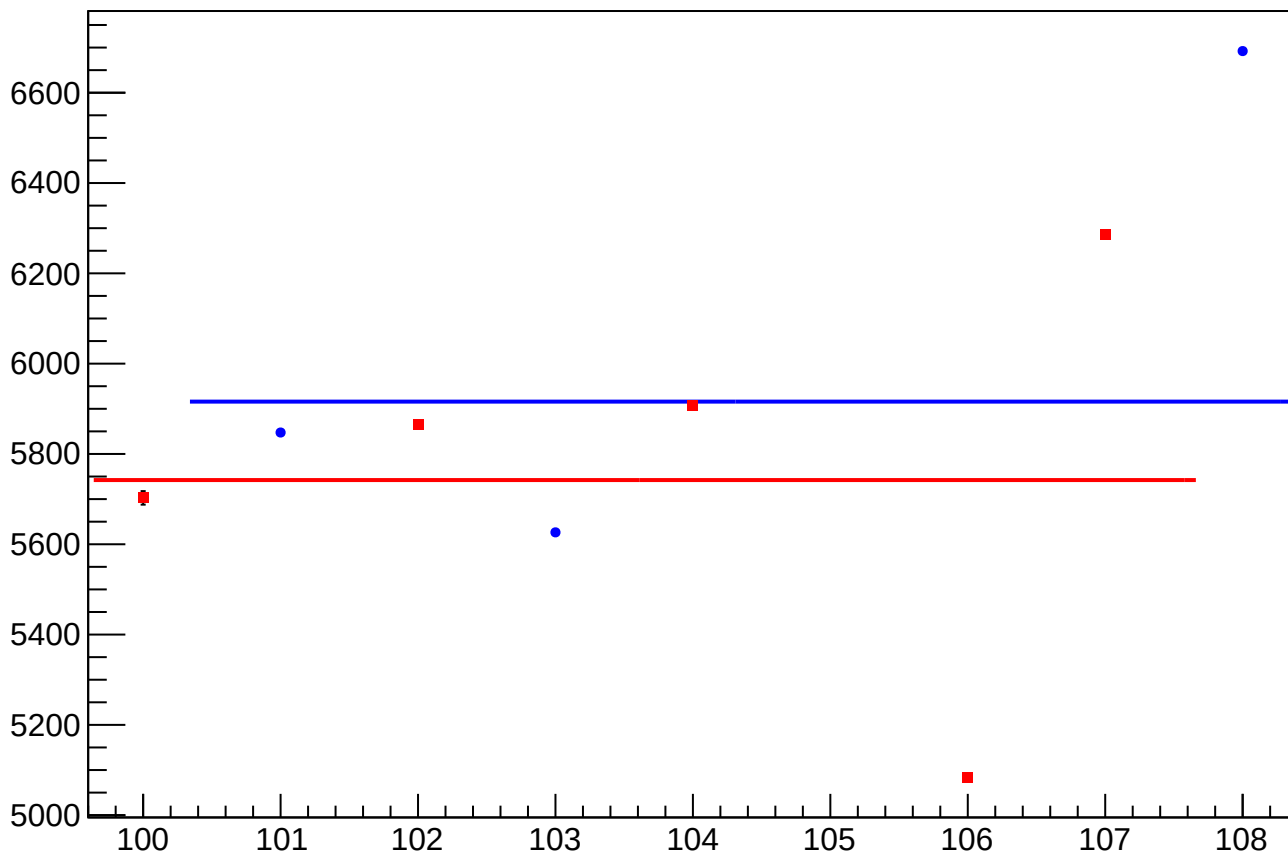
diff_targ_positionY_mean vs Slug, Sign Corrected



Right In: -2.608+/-4.611 χ^2/NDF : 1.8/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -8.987+/-4.305 χ^2/NDF : 2.2/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -6.016+/-3.147 χ^2/NDF : 5.0/7
 In: -2.608+/-4.611 χ^2/NDF : 1.8/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -6.016+/-3.147 χ^2/NDF : 5.0/7

diff_targ_positionY_rms vs Slug, Sign Corrected



Right In: 5915.918+/-3.261 χ^2/NDF : 13992.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5742.178+/-3.044 χ^2/NDF : 15442.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

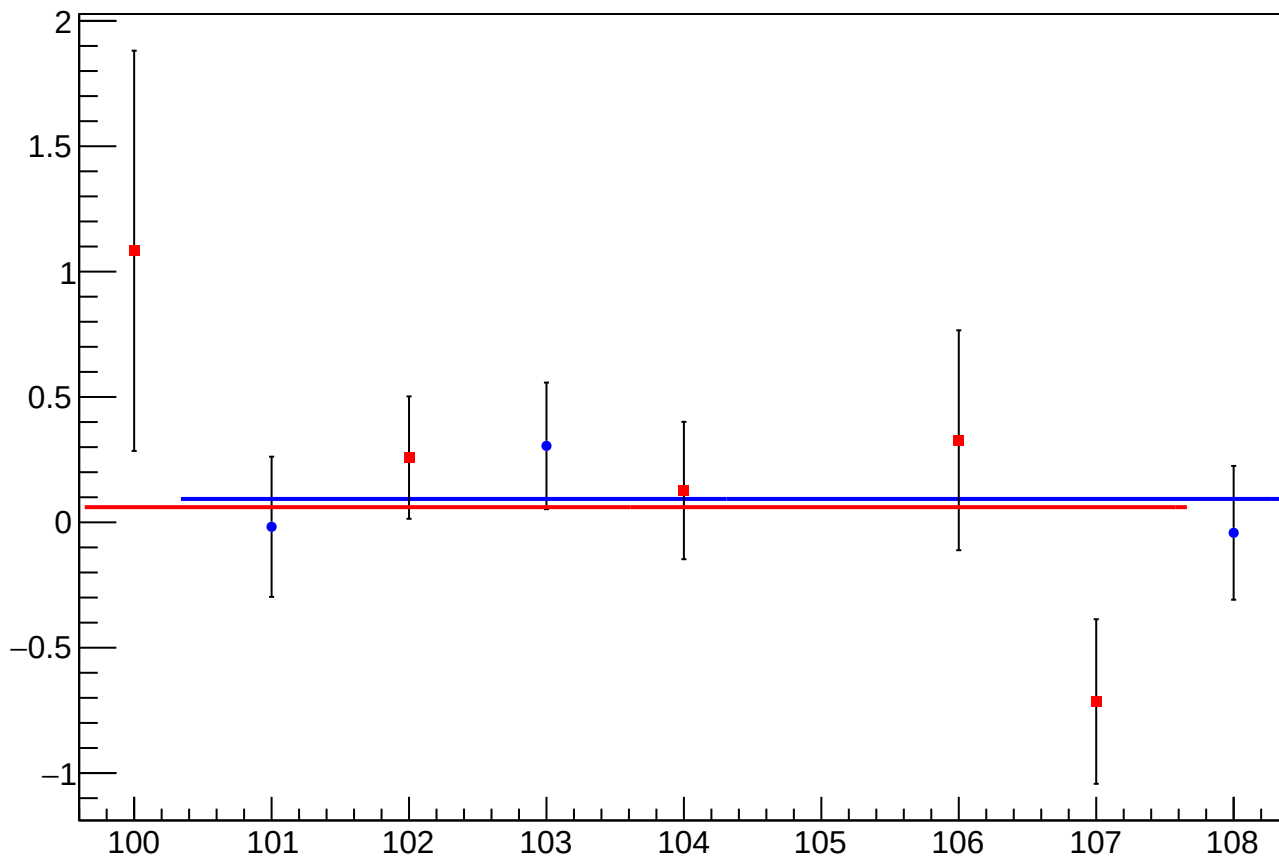
Right: 5823.100+/-2.225 χ^2/NDF : 30951.4/7

In: 5915.918+/-3.261 χ^2/NDF : 13992.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5823.100+/-2.225 χ^2/NDF : 30951.4/7

diff_targ_thetaX_mean vs Slug, Sign Corrected



Right In: 0.093 $\pm$ 0.153 χ^2 /NDF: 1.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.061 $\pm$ 0.147 χ^2 /NDF: 8.3/4

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

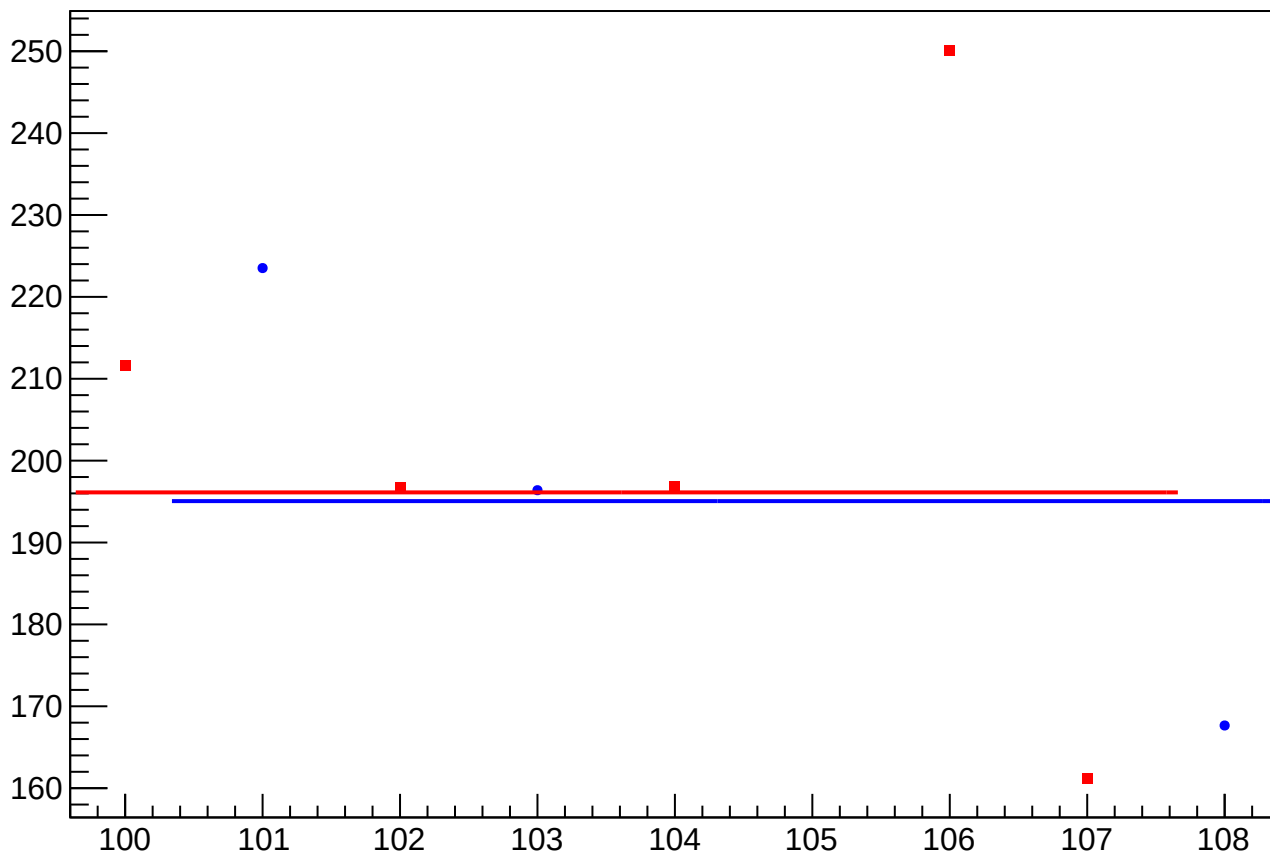
Right: 0.076 $\pm$ 0.106 χ^2 /NDF: 9.4/7

In: 0.093 $\pm$ 0.153 χ^2 /NDF: 1.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.076 $\pm$ 0.106 χ^2 /NDF: 9.4/7

diff_targ_thetaX_rms vs Slug, Sign Corrected



Right In: 195.058 $\pm$ 0.108 χ^2 /NDF: 41875.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 196.123 $\pm$ 0.104 χ^2 /NDF: 53850.8/4

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

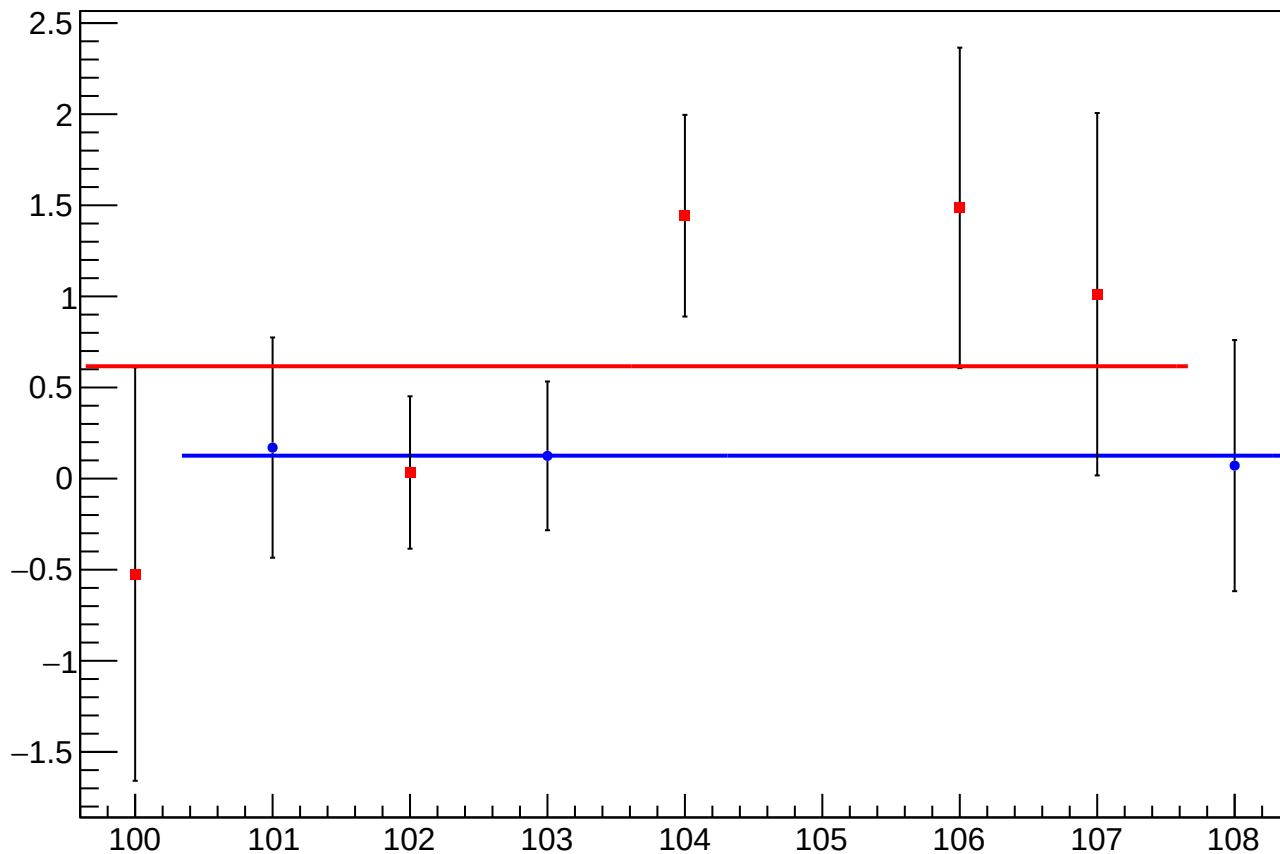
Right: 195.613 $\pm$ 0.075 χ^2 /NDF: 95776.9/7

In: 195.058 $\pm$ 0.108 χ^2 /NDF:41875.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 195.613 $\pm$ 0.075 χ^2 /NDF: 95776.9/7

diff_targ_thetaY_mean vs Slug, Sign Corrected



Right In: 0.126 $\pm$ 0.304 χ^2 /NDF: 0.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.617 $\pm$ 0.288 χ^2 /NDF: 6.3/4

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

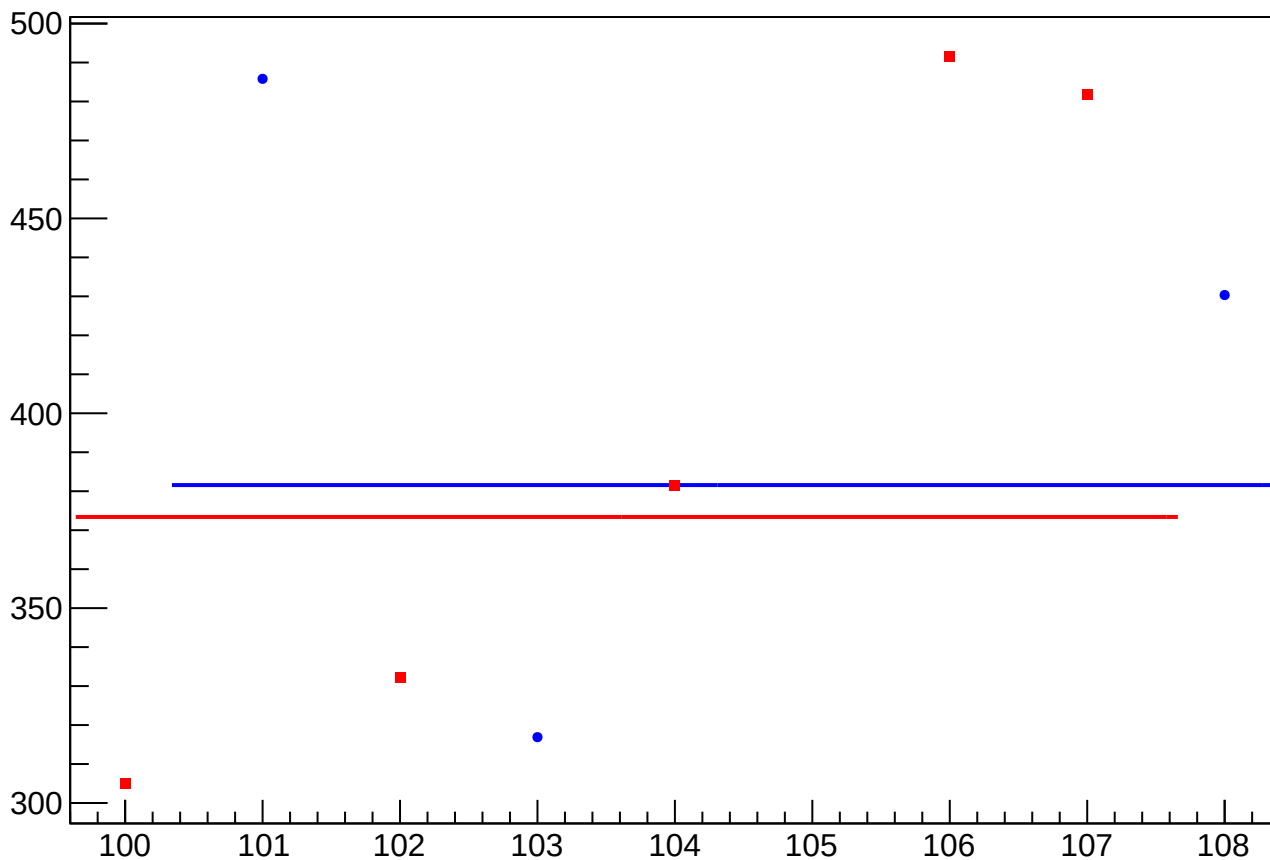
Right: 0.384 $\pm$ 0.209 χ^2 /NDF: 7.7/7

In: 0.126 $\pm$ 0.304 χ^2 /NDF: 0.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.384 $\pm$ 0.209 χ^2 /NDF: 7.7/7

diff_targ_thetaY_rms vs Slug, Sign Corrected



Right In: 381.576+/-0.215 χ^2/NDF : 119708.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 373.397+/-0.204 χ^2/NDF : 87080.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

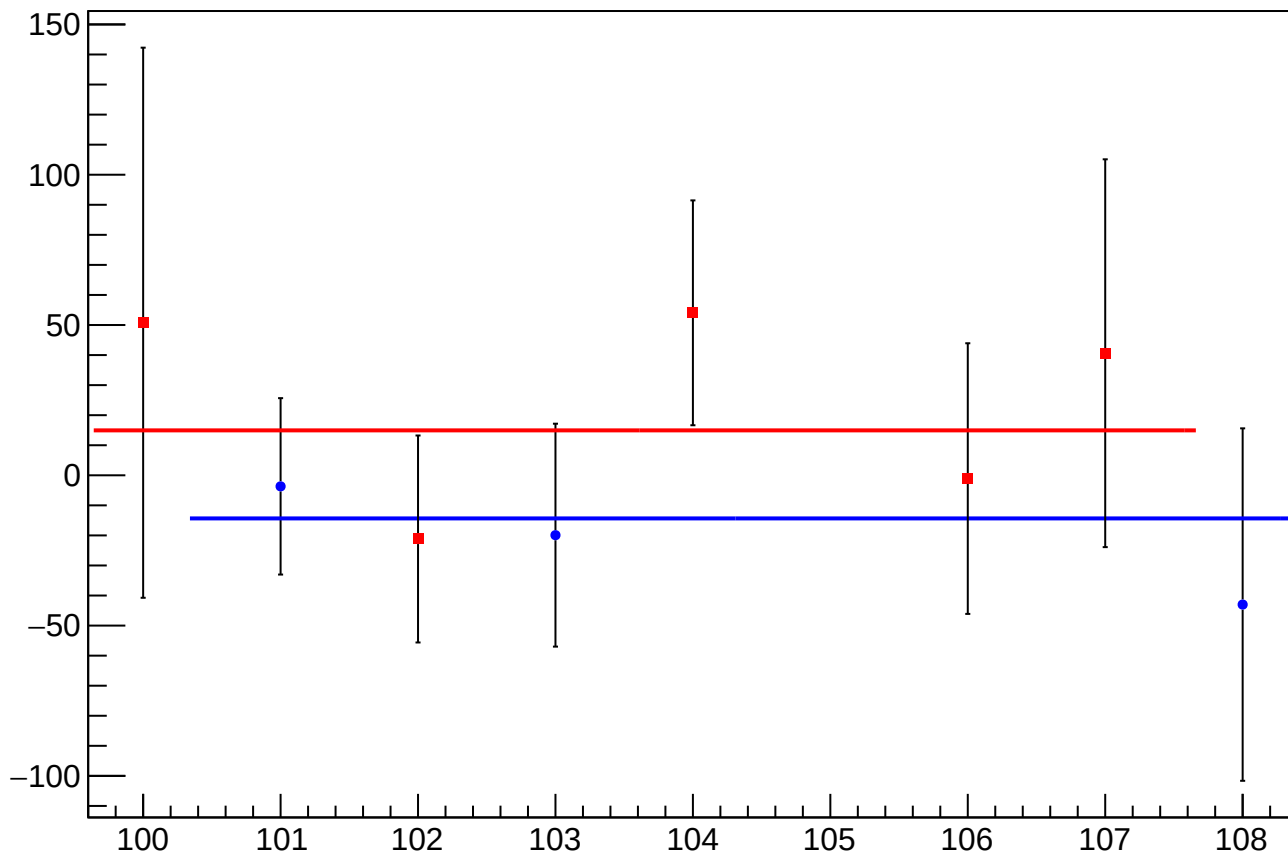
Right: 377.269+/-0.148 χ^2/NDF : 207552.6/7

In: 381.576+/-0.215 χ^2/NDF : 119708.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 377.269+/-0.148 χ^2/NDF : 207552.6/7

diff_bpmE_mean vs Slug, Sign Corrected



Right In: -14.345 ± 21.421 χ^2/NDF : 0.4/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 14.948 ± 20.364 χ^2/NDF : 2.6/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

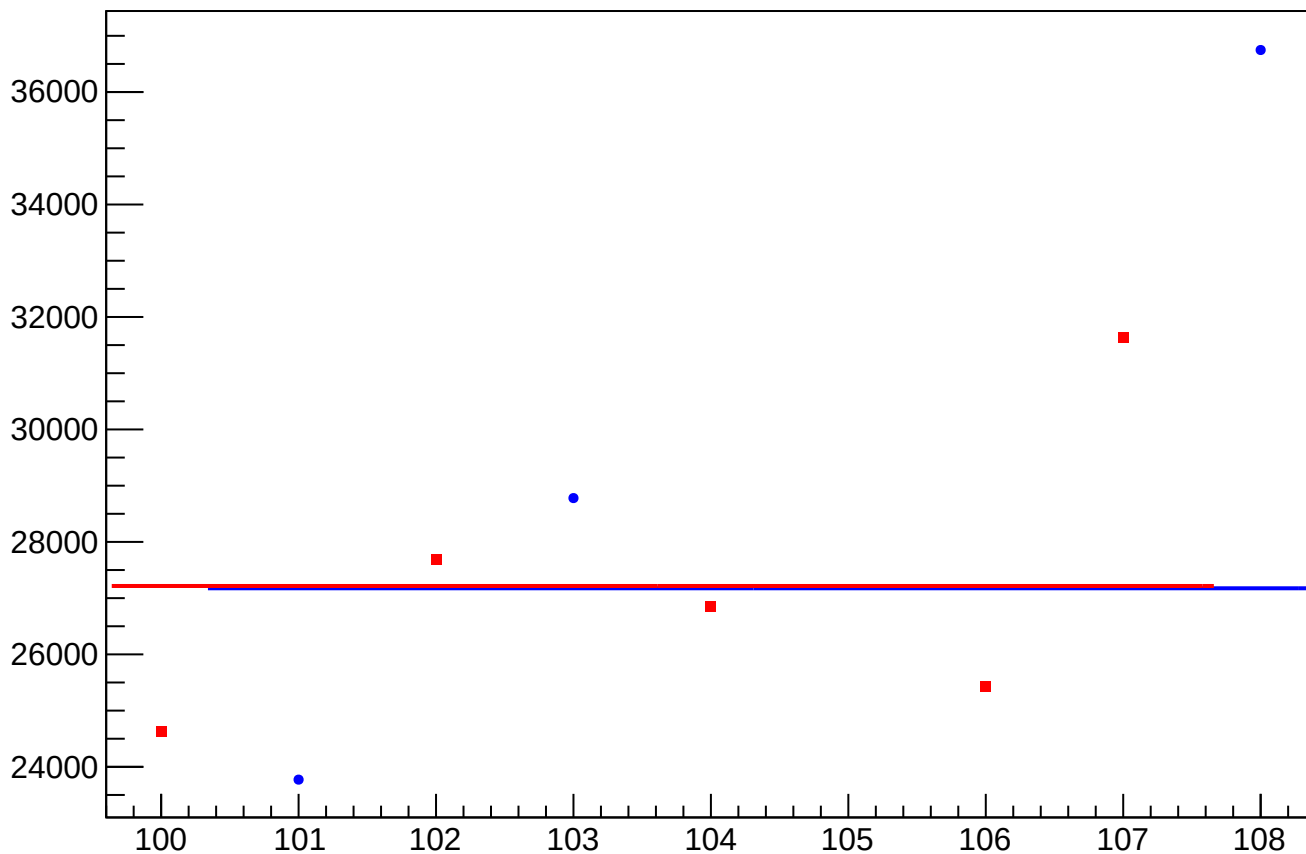
Right: 1.042 ± 14.759 χ^2/NDF : 4.0/7

In: -14.345 ± 21.421 χ^2/NDF : 0.4/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.042 ± 14.759 χ^2/NDF : 4.0/7

diff_bpmE_rms vs Slug, Sign Corrected



Right In: 27175.340+/-15.147 χ^2/NDF : 83948.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27216.210+/-14.400 χ^2/NDF : 14713.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

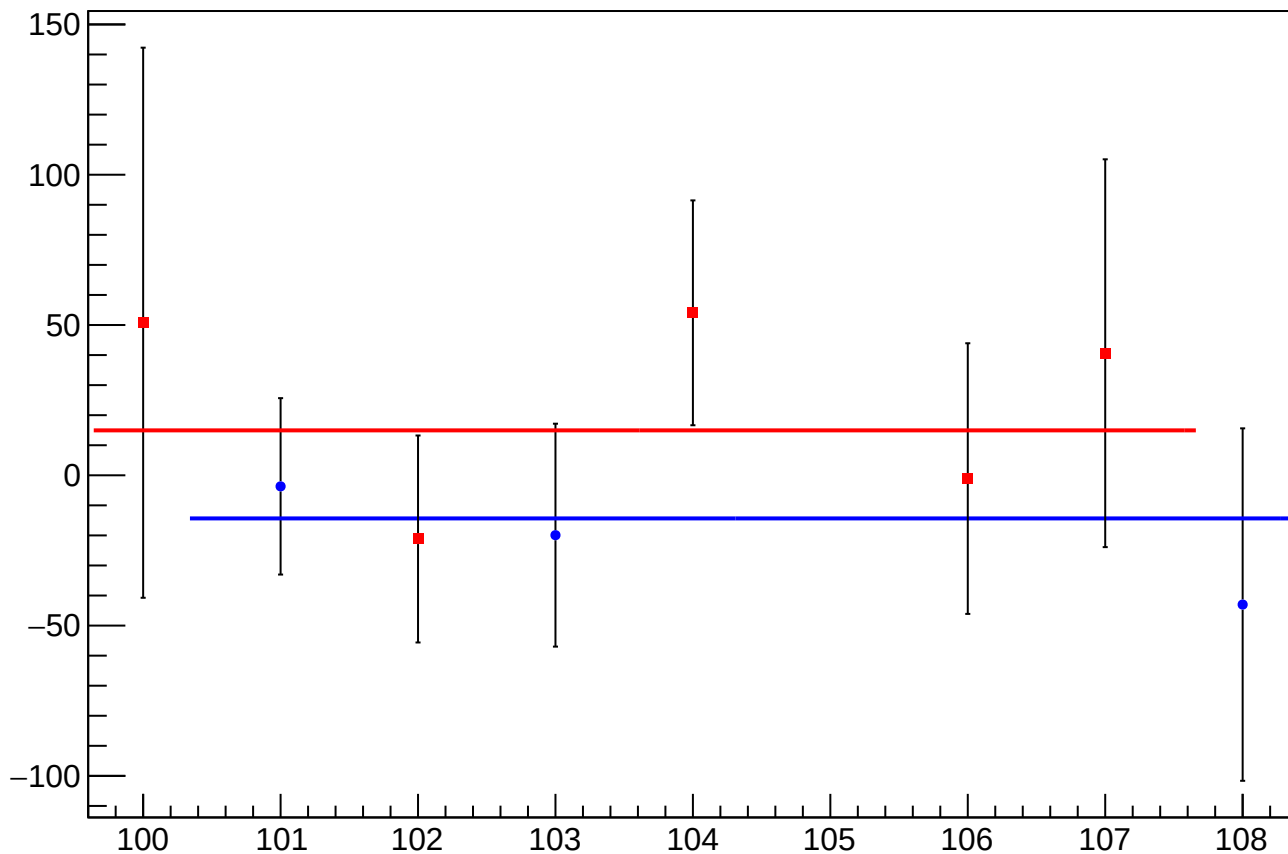
Right: 27196.808+/-10.436 χ^2/NDF : 98666.0/7

In: 27175.340+/-15.147 χ^2/NDF : 83948.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27196.808+/-10.436 χ^2/NDF : 98666.0/7

diff_bpmEX_mean vs Slug, Sign Corrected



Right In: -14.345+/-21.421 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.948+/-20.364 χ^2/NDF : 2.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

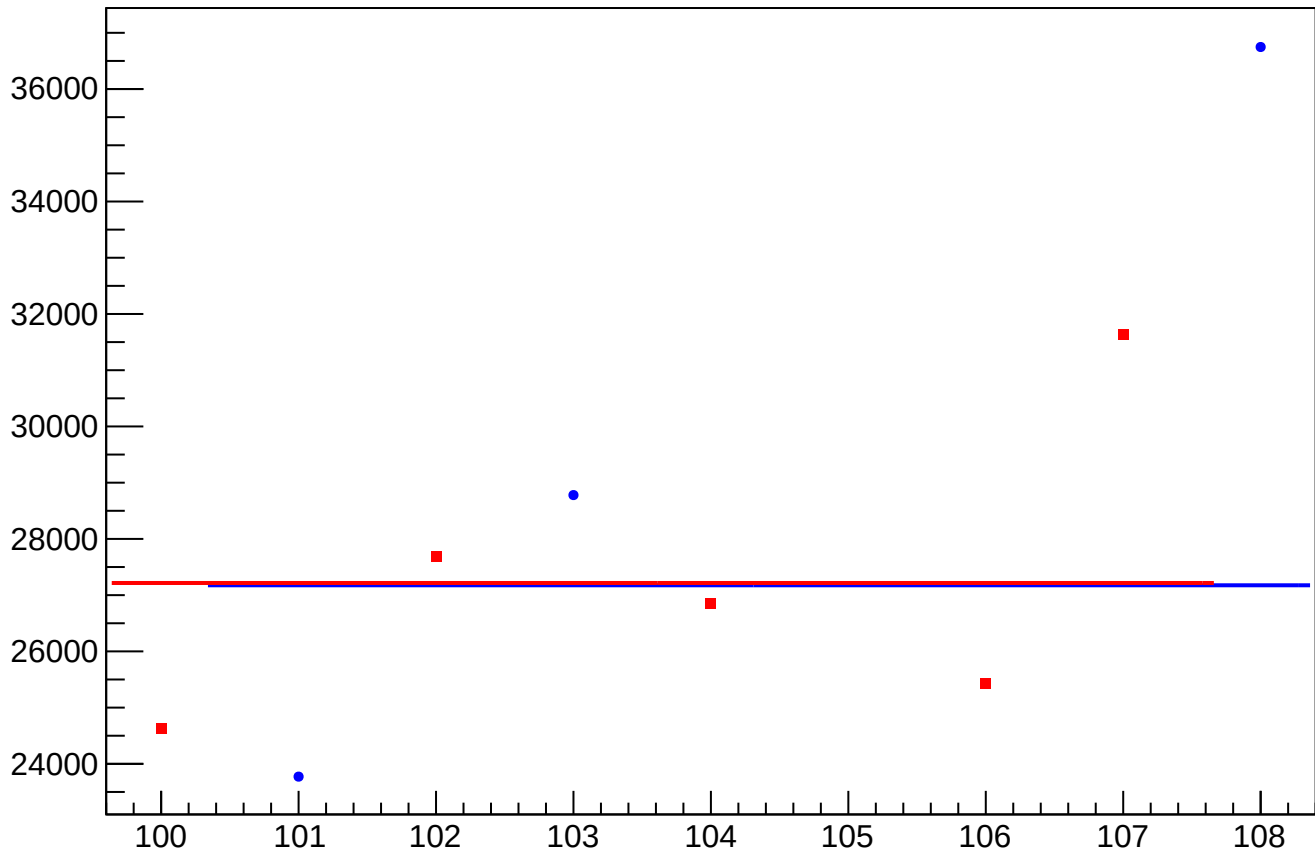
Right: 1.042+/-14.759 χ^2/NDF : 4.0/7

In: -14.345+/-21.421 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.042+/-14.759 χ^2/NDF : 4.0/7

diff_bpmEX_rms vs Slug, Sign Corrected



Right In: 27175.340+/-15.147 χ^2/NDF : 83948.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27216.210+/-14.400 χ^2/NDF : 14713.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

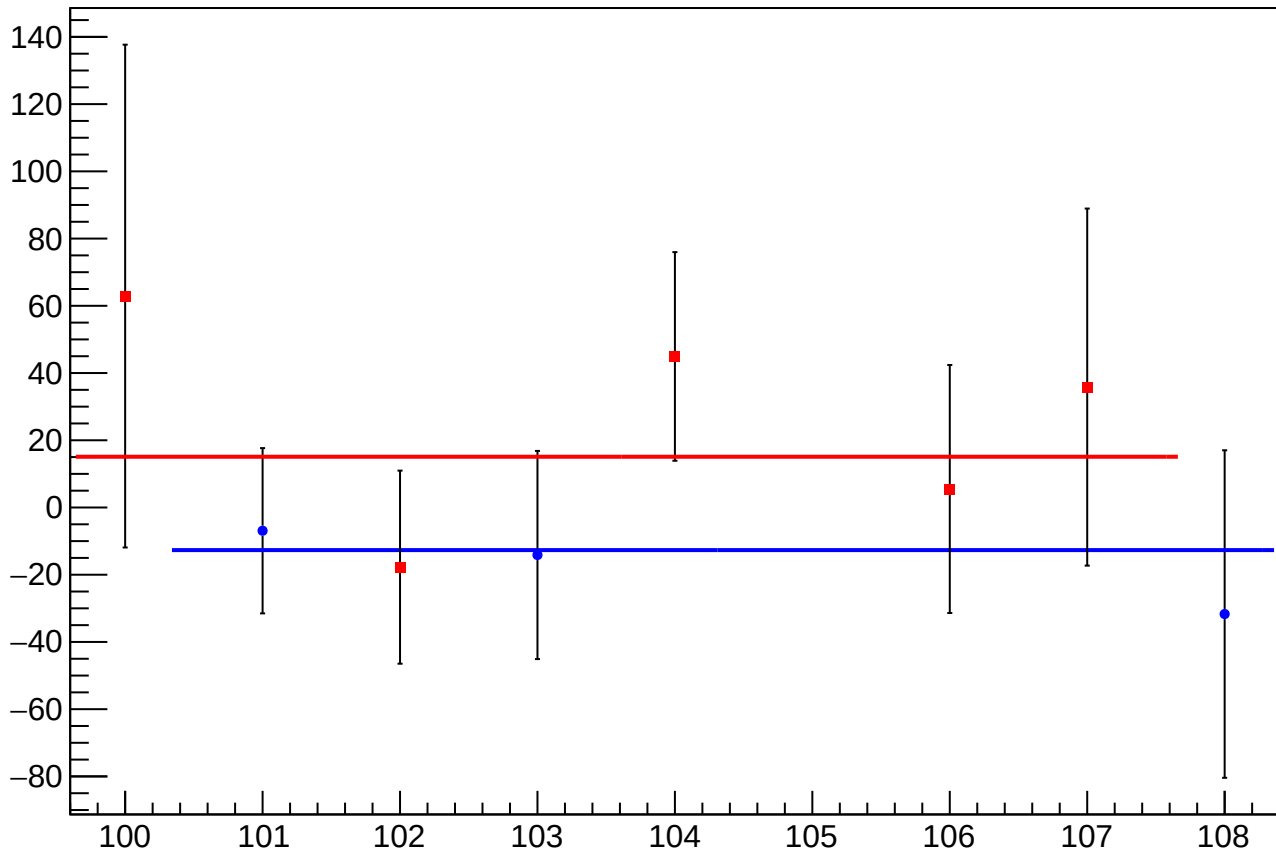
Right: 27196.808+/-10.436 χ^2/NDF : 98666.0/7

In: 27175.340+/-15.147 χ^2/NDF : 83948.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27196.808+/-10.436 χ^2/NDF : 98666.0/7

diff_bpmE_11X12X_mean vs Slug, Sign Corrected



Right In: -12.677 $\pm$ 17.906 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 15.096 $\pm$ 16.858 χ^2 /NDF: 2.9/4

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

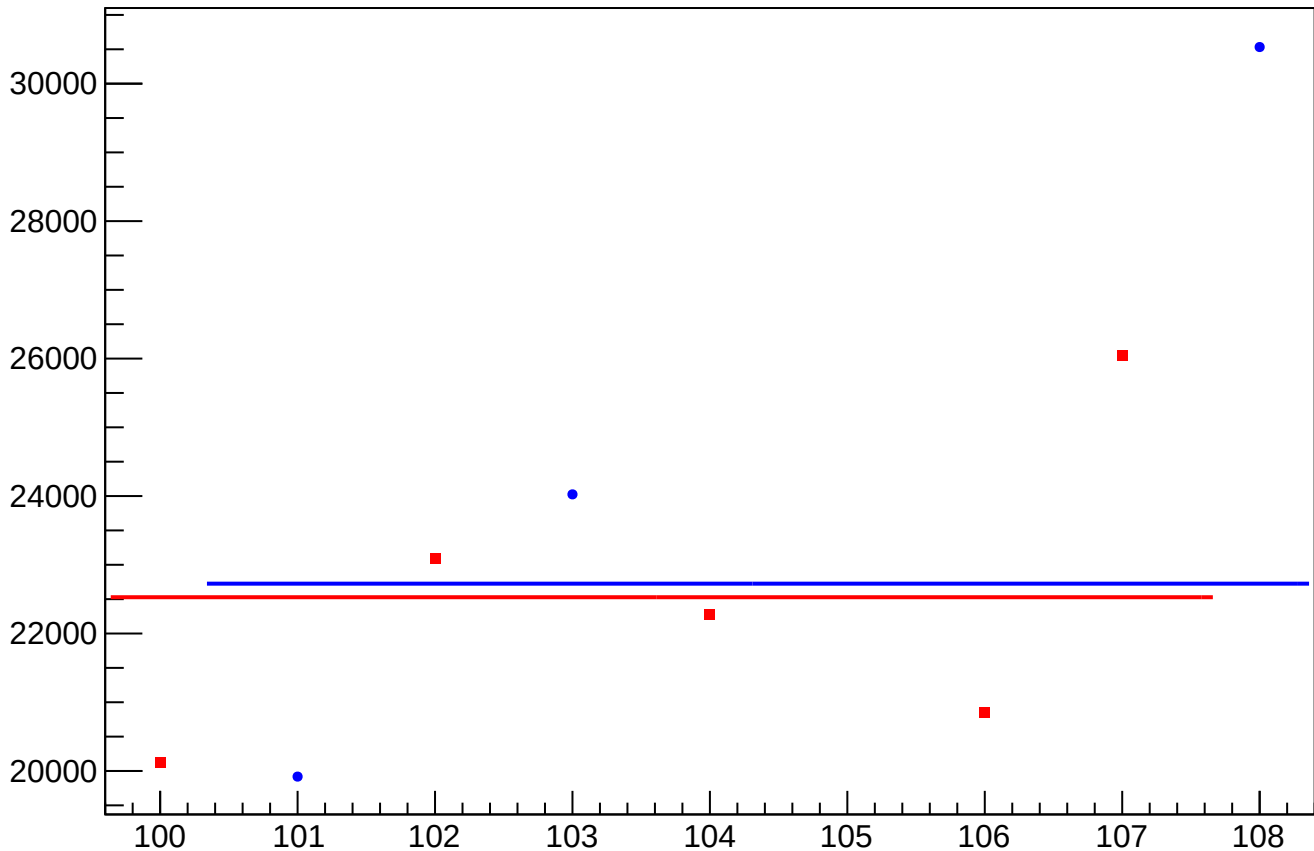
Right: 2.046 $\pm$ 12.274 χ^2 /NDF: 4.3/7

In: -12.677 $\pm$ 17.906 χ^2 /NDF:0.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.046 $\pm$ 12.274 χ^2 /NDF: 4.3/7

diff_bpmE_11X12X_rms vs Slug, Sign Corrected



Right In: 22725.354+/-12.661 χ^2/NDF : 80962.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22528.004+/-11.920 χ^2/NDF : 15862.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

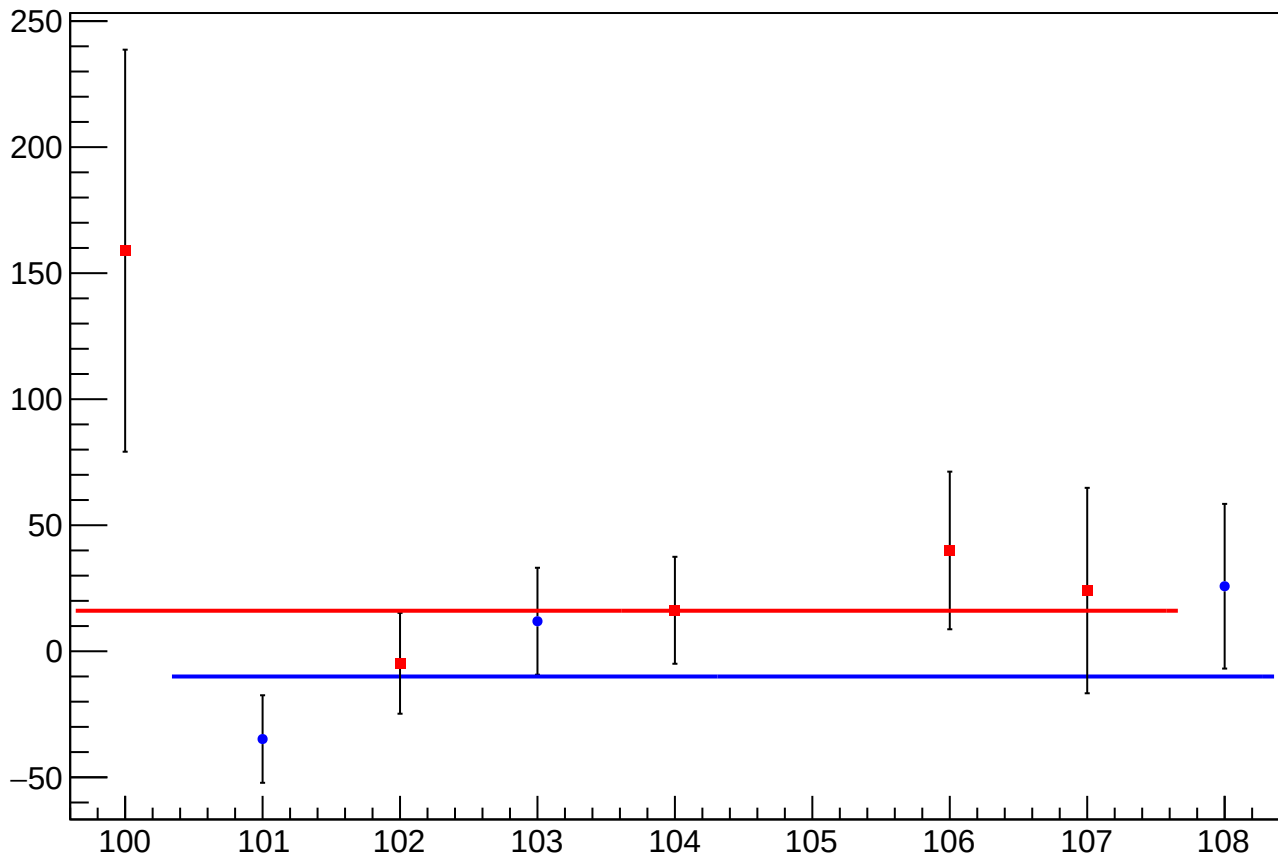
Right: 22620.737+/-8.679 χ^2/NDF : 96953.8/7

In: 22725.354+/-12.661 χ^2/NDF : 80962.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22620.737+/-8.679 χ^2/NDF : 96953.8/7

diff_bpm4aesumX_mean vs Slug, Sign Corrected



Right In: -10.011 $\pm$ 12.425 χ^2 /NDF: 4.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 16.078 $\pm$ 12.399 χ^2 /NDF: 4.9/4

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

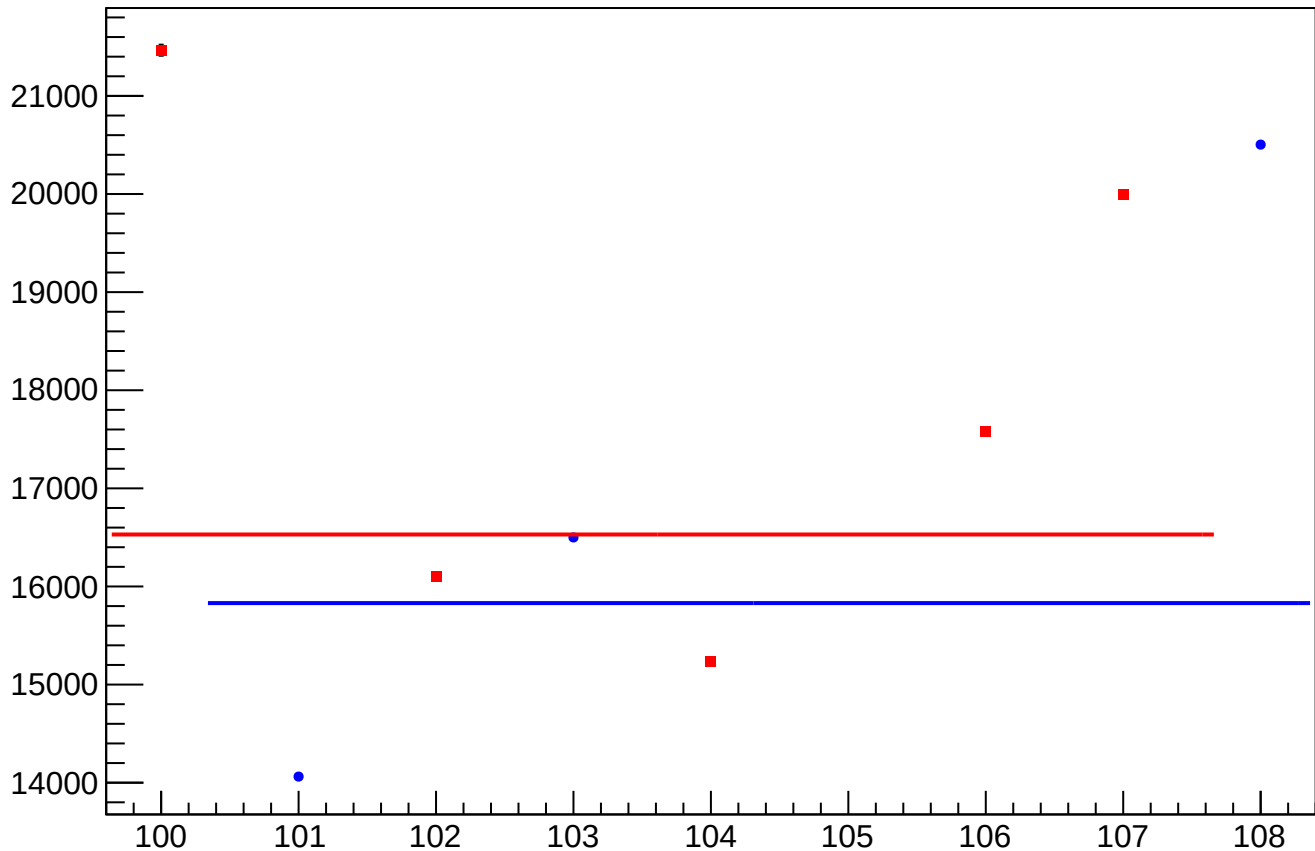
Right: 3.061 $\pm$ 8.777 χ^2 /NDF: 11.4/7

In: -10.011 $\pm$ 12.425 χ^2 /NDF:4.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.061 $\pm$ 8.777 χ^2 /NDF: 11.4/7

diff_bpm4aesumX_rms vs Slug, Sign Corrected



Right In: 15830.563 $\pm$ 8.786 χ^2/NDF : 63667.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 16529.769 $\pm$ 8.768 χ^2/NDF : 32695.8/4

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

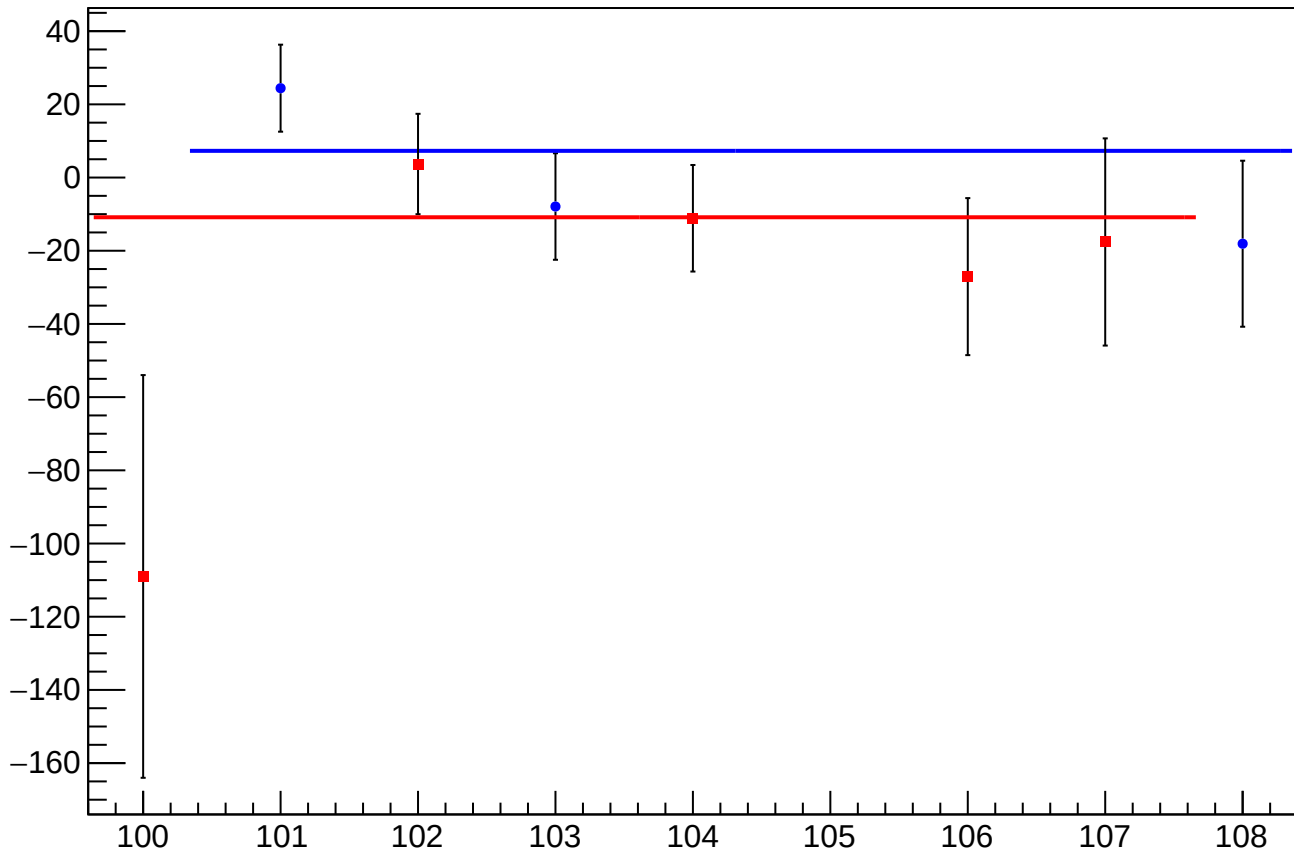
Right: 16180.906 $\pm$ 6.206 χ^2/NDF : 99536.4/7

In: 15830.563 $\pm$ 8.786 χ^2/NDF : 63667.3/2

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 16180.906 $\pm$ 6.206 χ^2/NDF : 99536.4/7

diff_bpm4aediX_mean vs Slug, Sign Corrected



Right In: 7.296+/-8.530 χ^2/NDF : 4.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.853+/-8.516 χ^2/NDF : 4.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

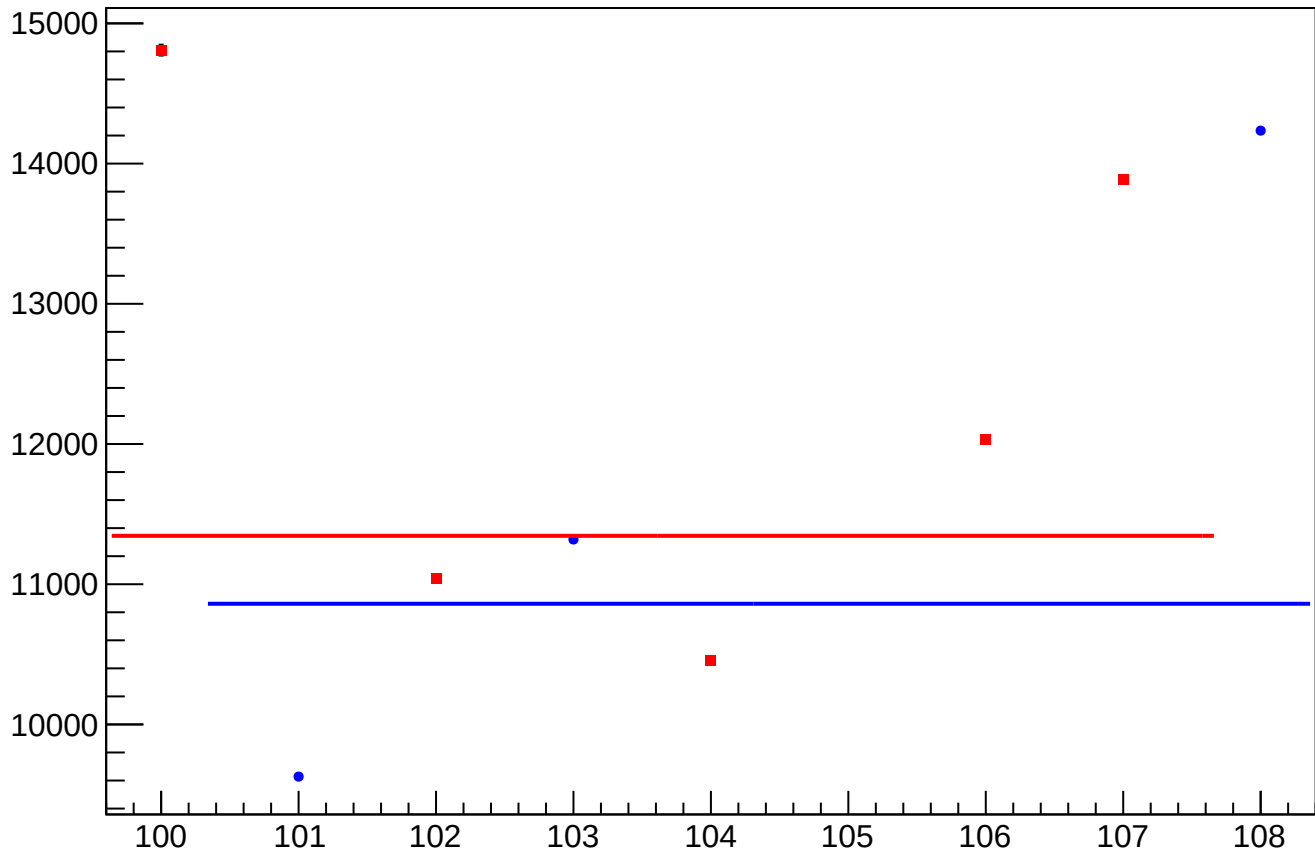
Right: -1.793+/-6.027 χ^2/NDF : 11.6/7

In: 7.296+/-8.530 χ^2/NDF : 4.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.793+/-6.027 χ^2/NDF : 11.6/7

diff_bpm4aediffX_rms vs Slug, Sign Corrected



Right In: 10860.714+/-6.032 χ^2/NDF : 67767.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11345.229+/-6.022 χ^2/NDF : 34557.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

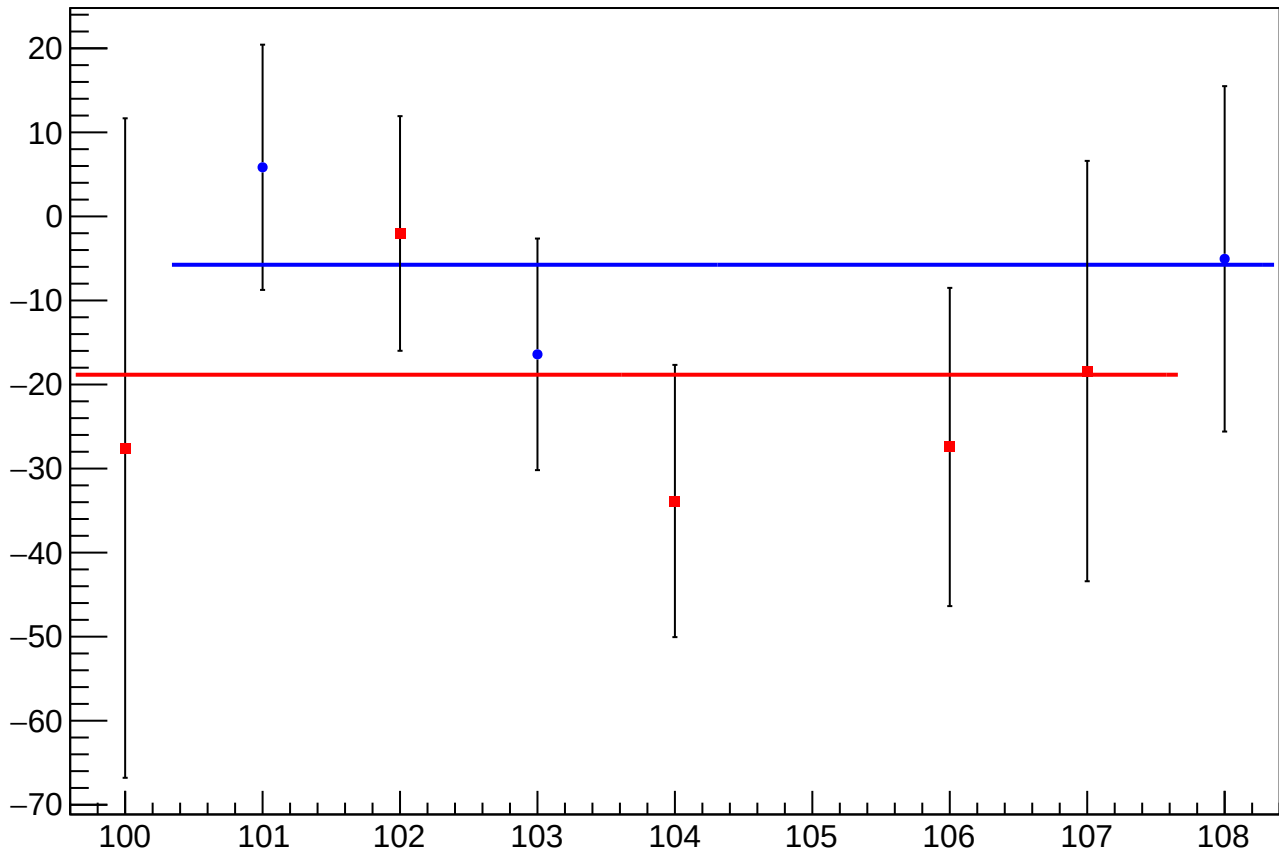
Right: 11103.354+/-4.262 χ^2/NDF : 105556.1/7

In: 10860.714+/-6.032 χ^2/NDF : 67767.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11103.354+/-4.262 χ^2/NDF : 105556.1/7

diff_bpm4aesumY_mean vs Slug, Sign Corrected



Right In: -5.752 $\pm$ 9.004 χ^2 /NDF: 1.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -18.835 $\pm$ 8.456 χ^2 /NDF: 2.6/4

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

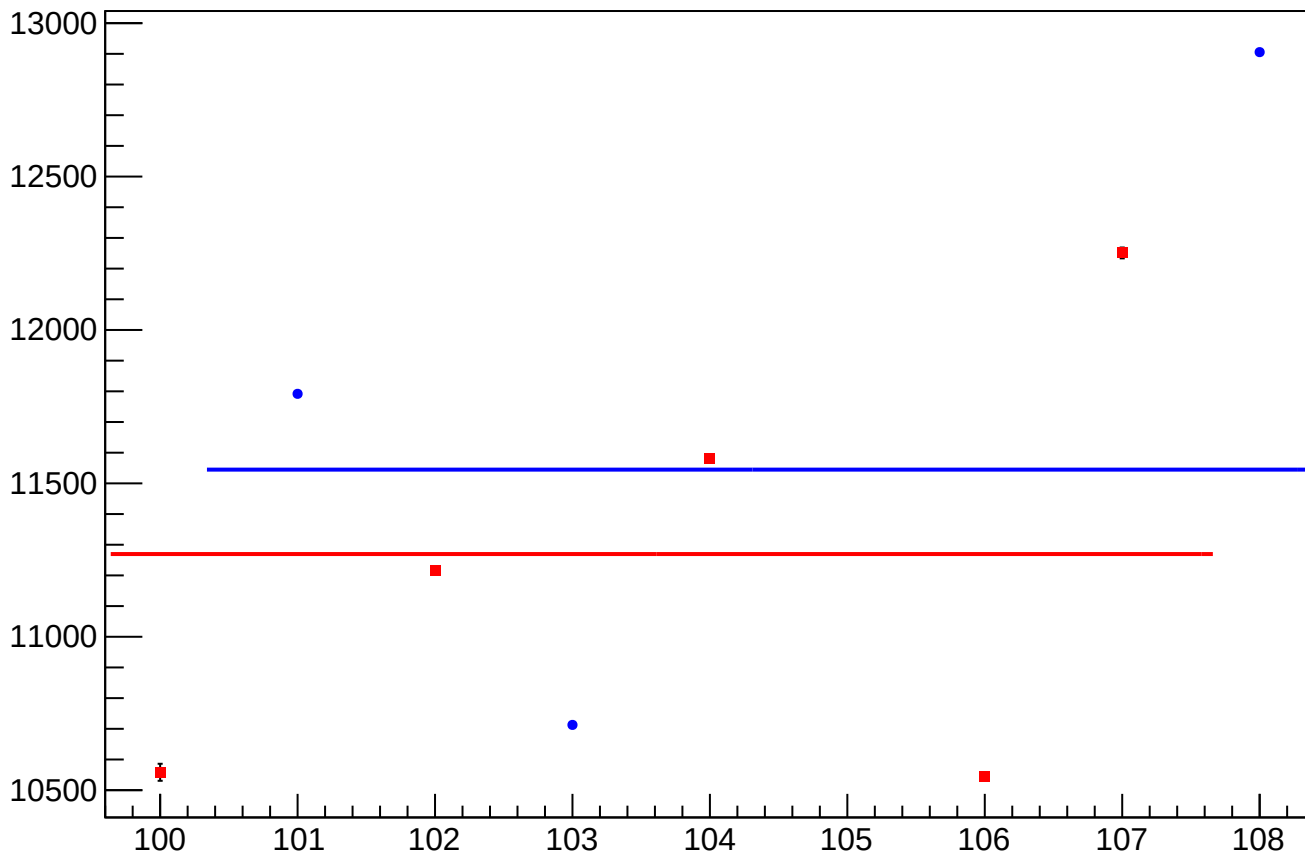
Right: -12.704 $\pm$ 6.164 χ^2 /NDF: 4.9/7

In: -5.752 $\pm$ 9.004 χ^2 /NDF:1.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -12.704 $\pm$ 6.164 χ^2 /NDF: 4.9/7

diff_bpm4aesumY_rms vs Slug, Sign Corrected



Right In: 11544.807 $\pm$ 6.367 χ^2 /NDF: 16639.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11269.646 $\pm$ 5.980 χ^2 /NDF: 7427.3/4

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

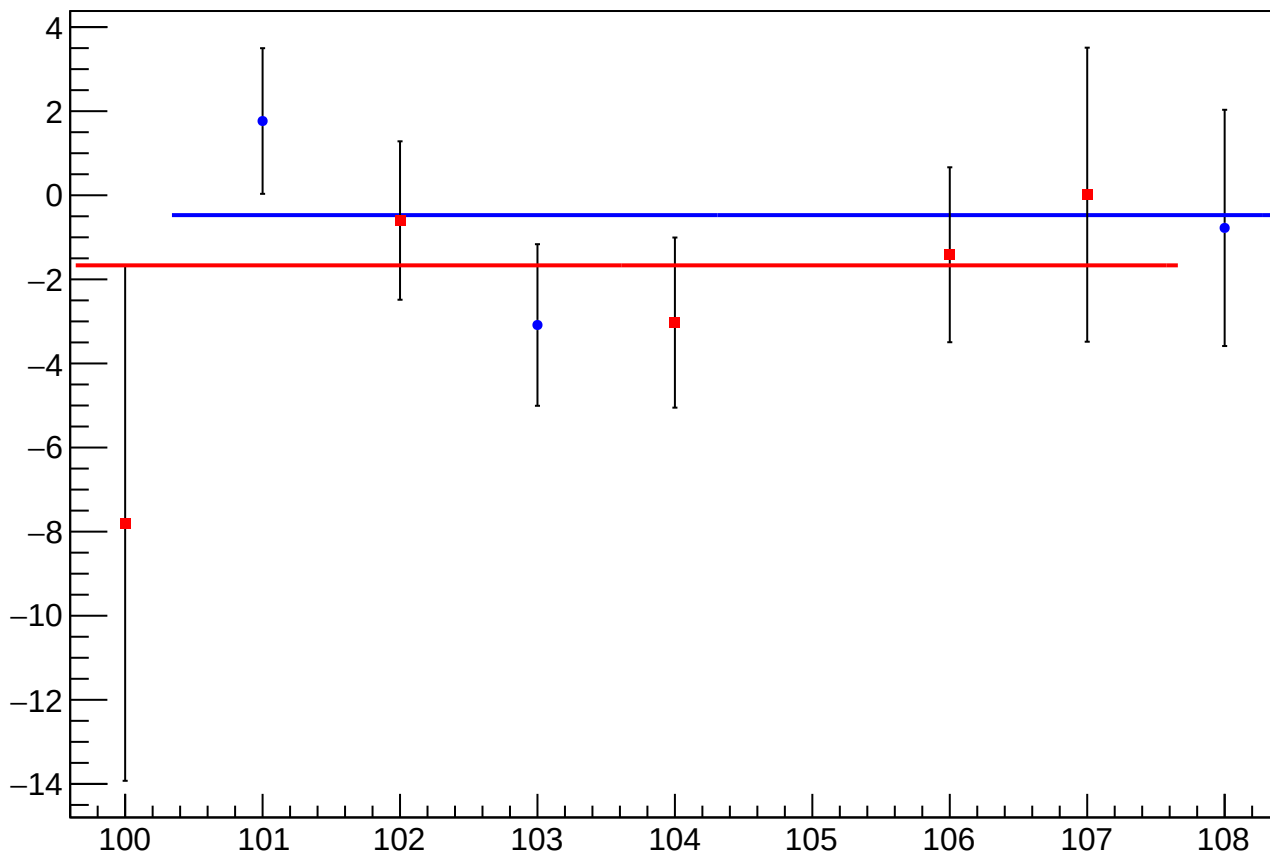
Right: 11398.605 $\pm$ 4.359 χ^2 /NDF: 25059.5/7

In: 11544.807 $\pm$ 6.367 χ^2 /NDF:16639.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 11398.605 $\pm$ 4.359 χ^2 /NDF: 25059.5/7

diff_bpm4aediY_mean vs Slug, Sign Corrected



Right In: -0.472+/-1.170 χ^2/NDF : 3.5/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.667+/-1.075 χ^2/NDF : 2.0/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

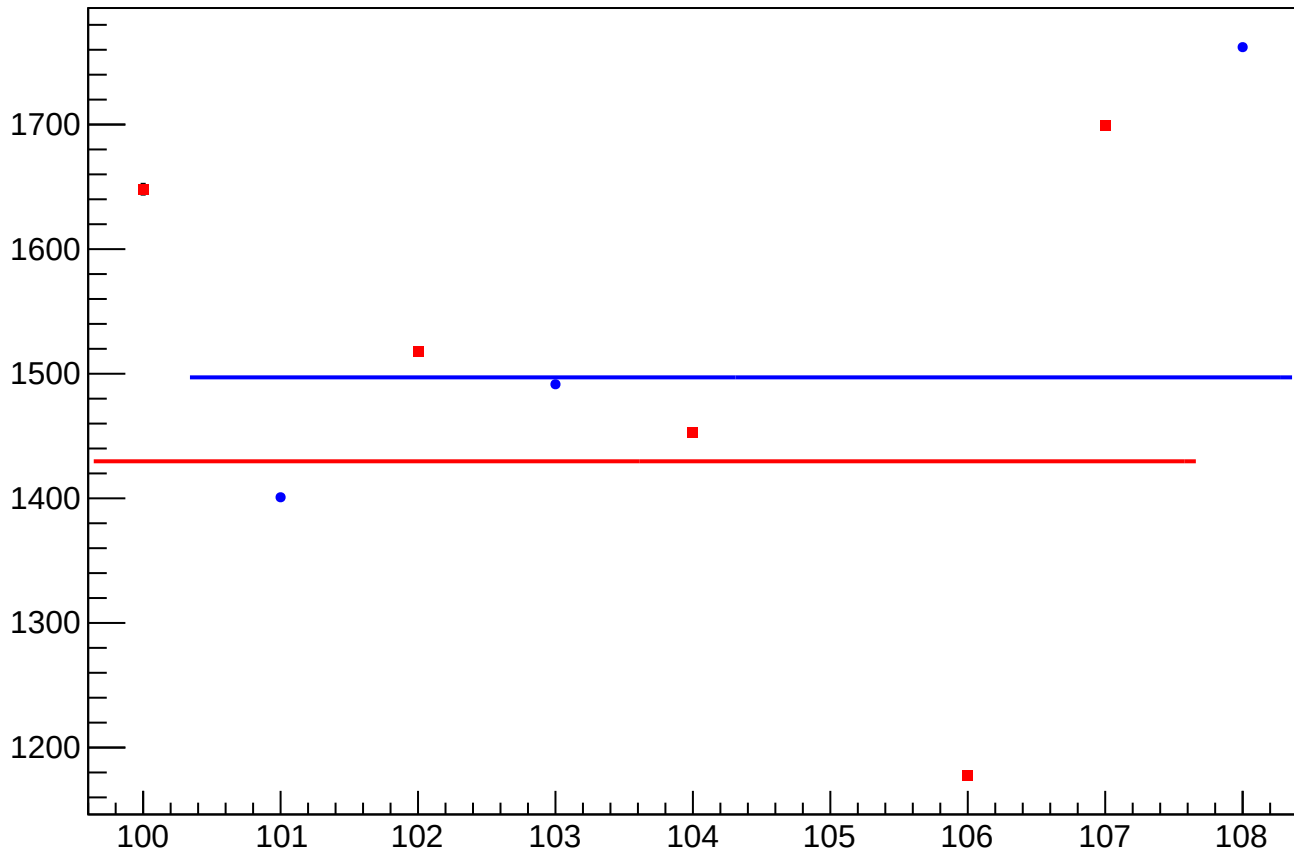
Right: -1.120+/-0.791 χ^2/NDF : 6.1/7

In: -0.472+/-1.170 χ^2/NDF :3.5/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.120+/-0.791 χ^2/NDF : 6.1/7

diff_bpm4aediffY_rms vs Slug, Sign Corrected



Right In: 1497.096 $\pm$ 0.827 χ^2 /NDF: 23989.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1429.734 $\pm$ 0.760 χ^2 /NDF: 48540.4/4

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

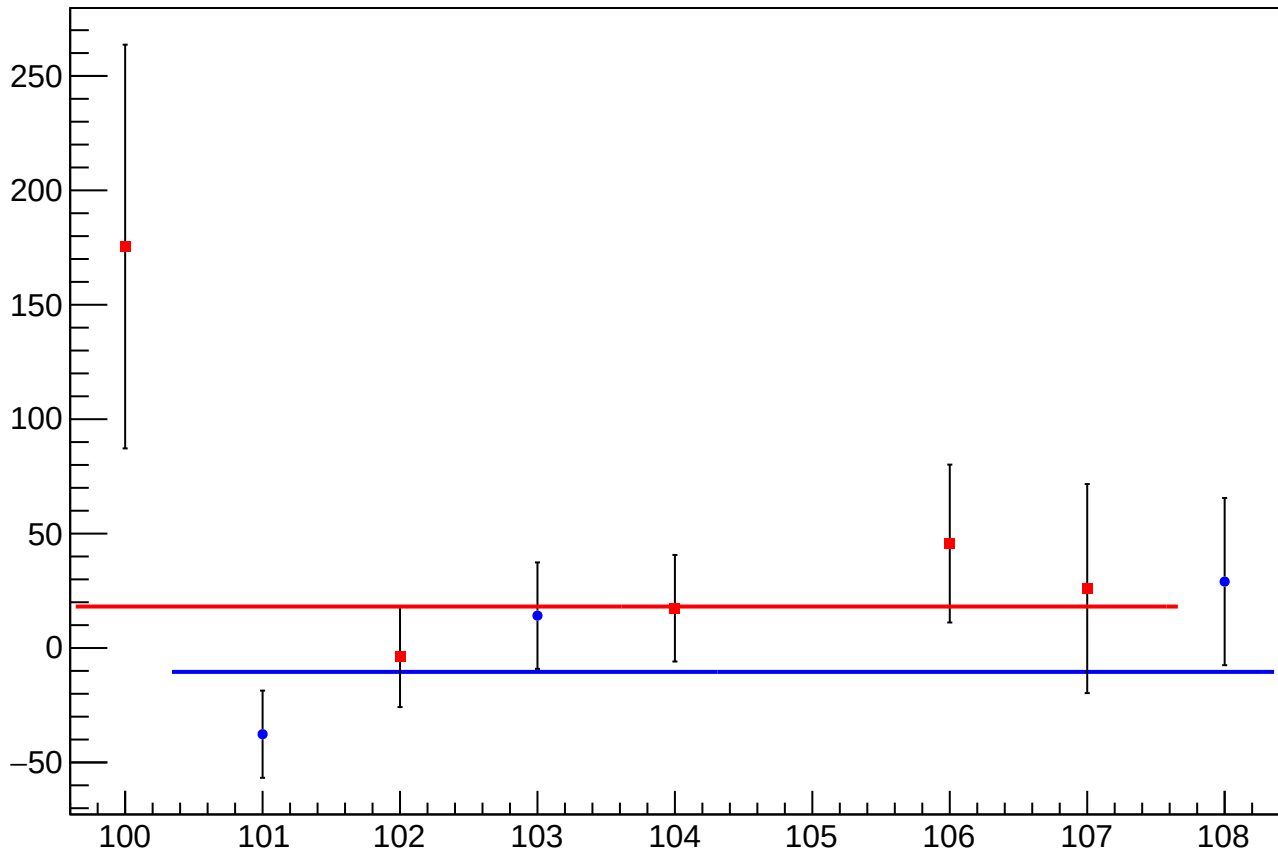
Right: 1460.573 $\pm$ 0.560 χ^2 /NDF: 76125.8/7

In: 1497.096 $\pm$ 0.827 χ^2 /NDF:23989.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1460.573 $\pm$ 0.560 χ^2 /NDF: 76125.8/7

diff_bpmtargetsumX_mean vs Slug, Sign Corrected



Right In: -10.432 ± 13.669 χ^2/NDF : 4.3/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 18.126 ± 13.645 χ^2/NDF : 4.9/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

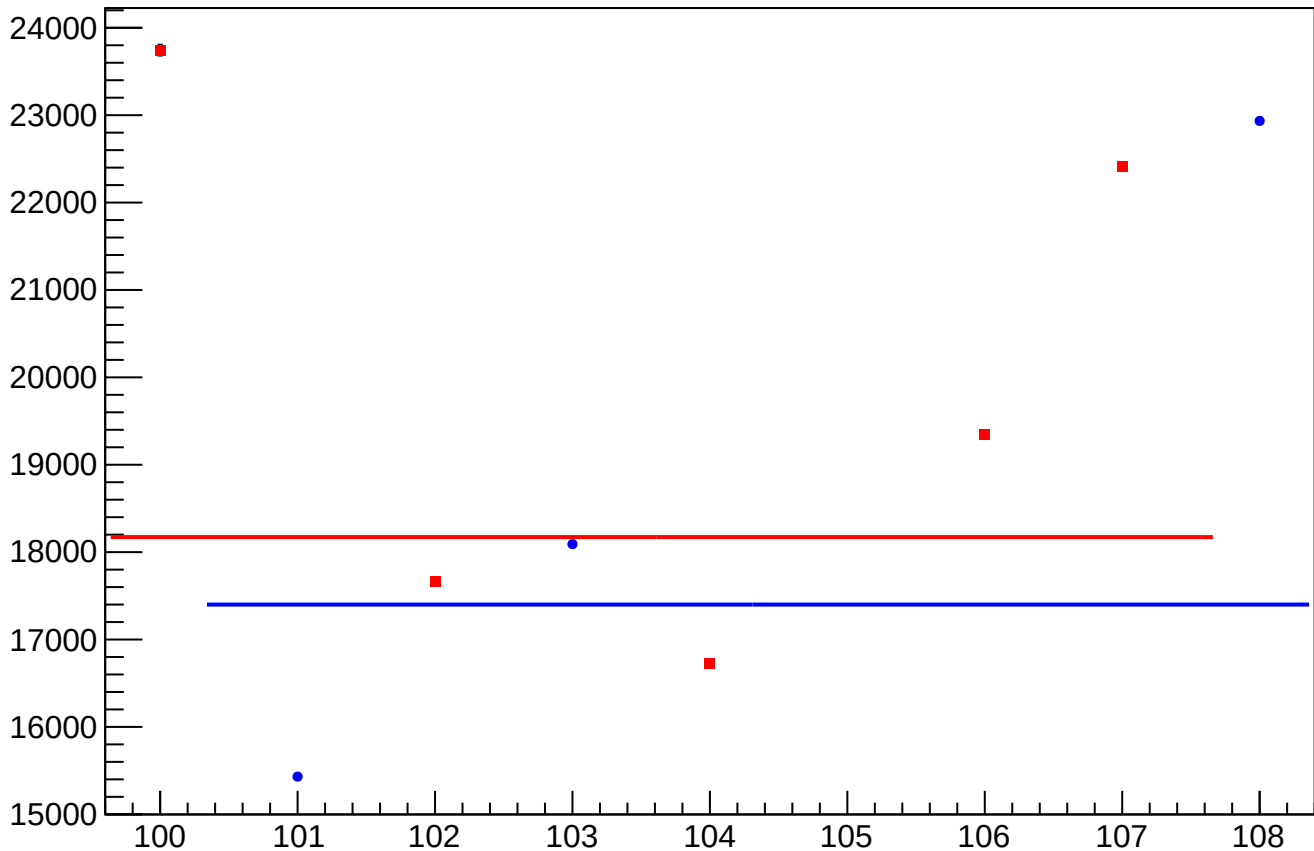
Right: 3.872 ± 9.657 χ^2/NDF : 11.4/7

In: -10.432 ± 13.669 χ^2/NDF : 4.3/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 3.872 ± 9.657 χ^2/NDF : 11.4/7

diff_bpmtargetsumX_rms vs Slug, Sign Corrected



Right In: 17400.116+/-9.665 χ^2/NDF : 69002.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18172.053+/-9.648 χ^2/NDF : 36341.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

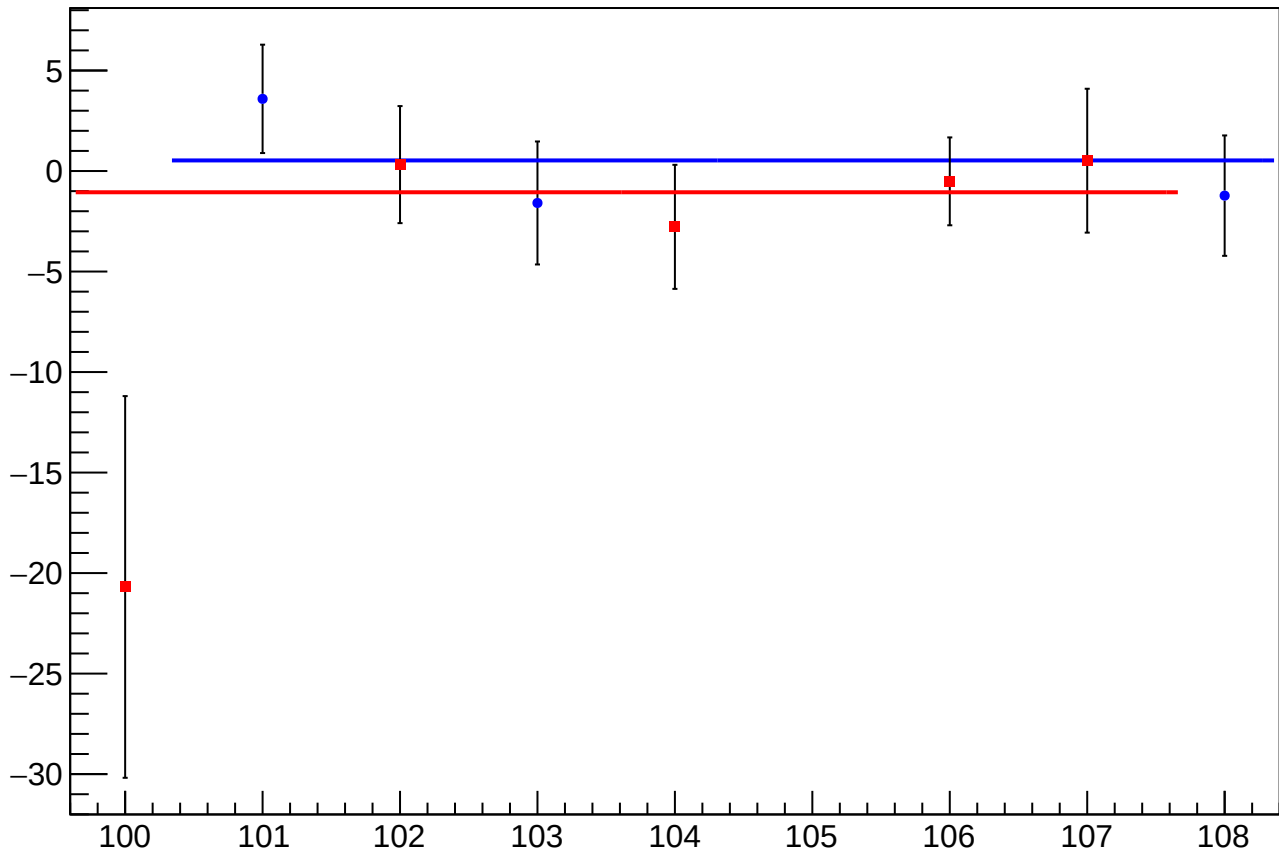
Right: 17786.754+/-6.828 χ^2/NDF : 108539.2/7

In: 17400.116+/-9.665 χ^2/NDF : 69002.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17786.754+/-6.828 χ^2/NDF : 108539.2/7

diff_bpmtargetdiffX_mean vs Slug, Sign Corrected



Right In: 0.527+/-1.676 χ^2/NDF : 2.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.056+/-1.385 χ^2/NDF : 5.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

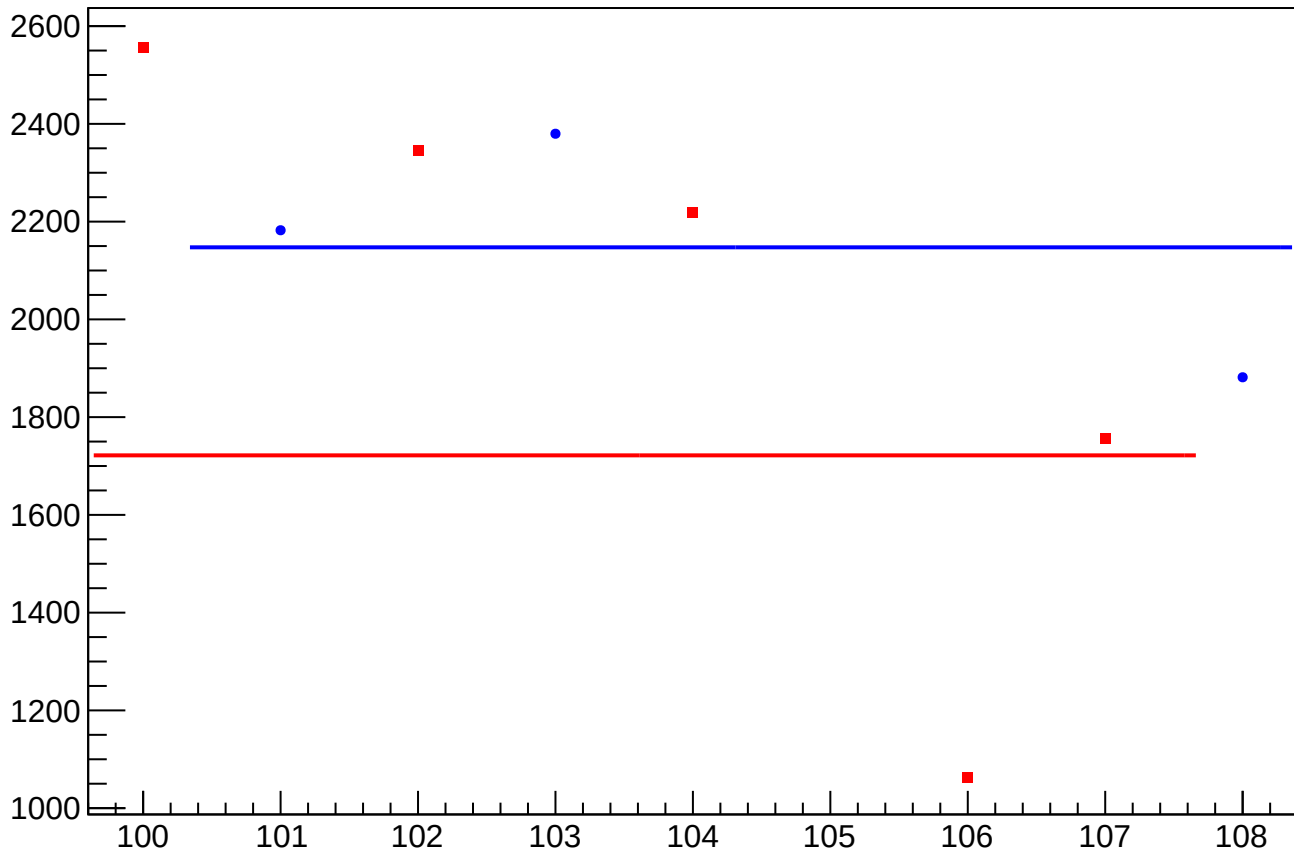
Right: -0.414+/-1.068 χ^2/NDF : 7.7/7

In: 0.527+/-1.676 χ^2/NDF : 2.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.414+/-1.068 χ^2/NDF : 7.7/7

diff_bpmtargetdiffX_rms vs Slug, Sign Corrected



Right In: 2147.407+/-1.185 χ^2/NDF : 27641.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1721.790+/-0.979 χ^2/NDF : 340758.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

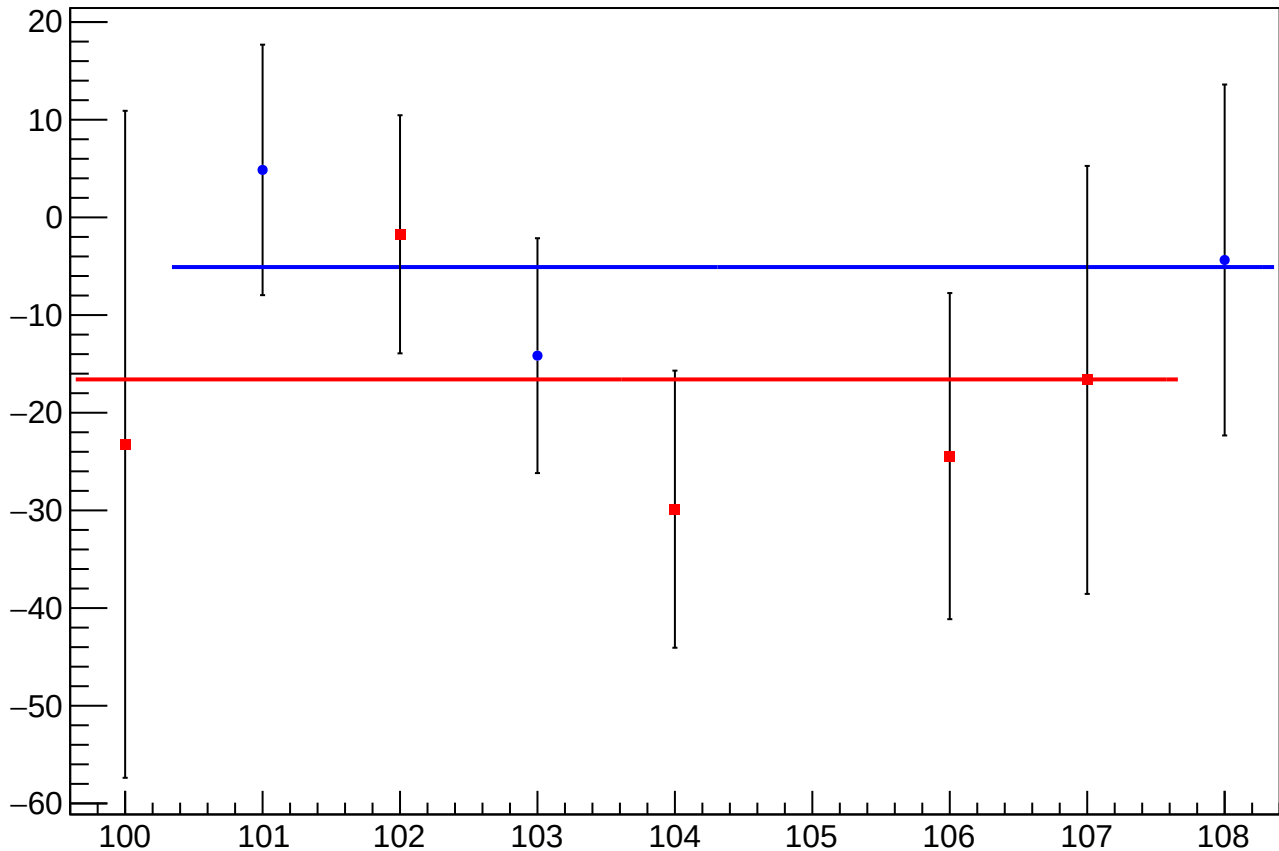
Right: 1894.448+/-0.755 χ^2/NDF : 445049.9/7

In: 2147.407+/-1.185 χ^2/NDF : 27641.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1894.448+/-0.755 χ^2/NDF : 445049.9/7

diff_bpmtargetsumY_mean vs Slug, Sign Corrected



Right In: -5.085+/-7.882 χ^2 /NDF: 1.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -16.590+/-7.407 χ^2 /NDF: 2.6/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

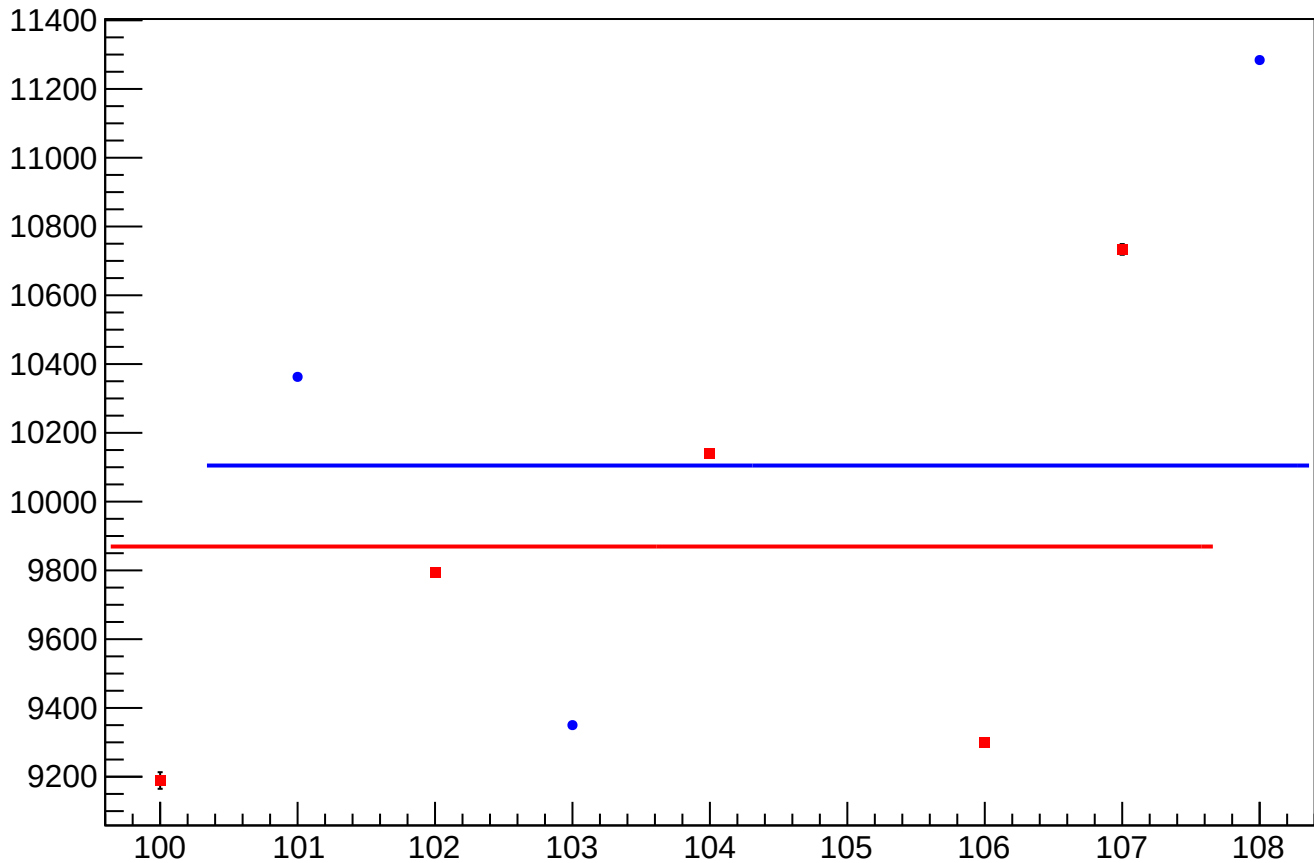
Right: -11.195+/-5.398 χ^2 /NDF: 4.9/7

In: -5.085+/-7.882 χ^2 /NDF:1.2/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -11.195+/-5.398 χ^2 /NDF: 4.9/7

diff_bpmtargetsumY_rms vs Slug, Sign Corrected



Right In: 10104.952+/-5.573 χ^2/NDF : 17305.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9869.425+/-5.238 χ^2/NDF : 7037.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

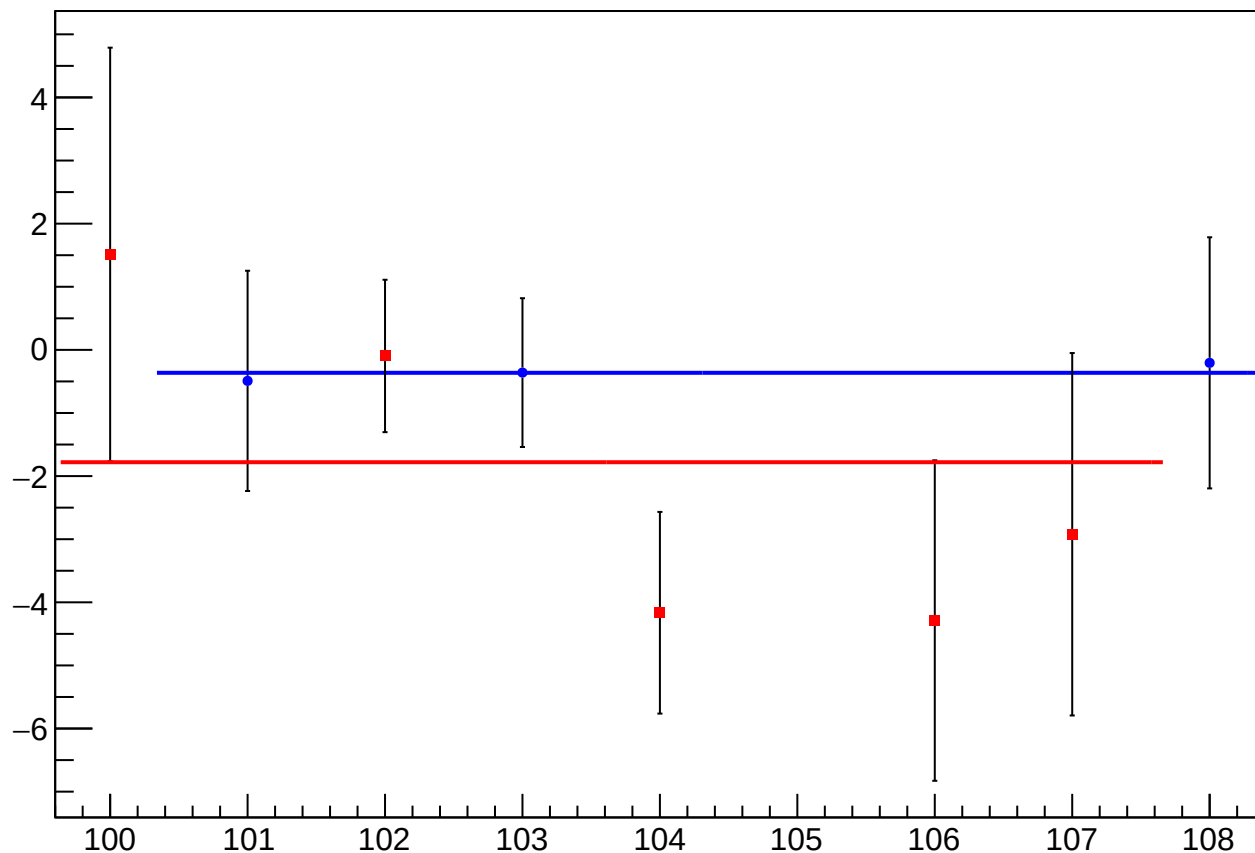
Right: 9979.878+/-3.817 χ^2/NDF : 25291.3/7

In: 10104.952+/-5.573 χ^2/NDF : 17305.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9979.878+/-3.817 χ^2/NDF : 25291.3/7

diff_bpmtargetdiffY_mean vs Slug, Sign Corrected



Right In: -0.363 ± 0.877 $\chi^2/\text{NDF}: 0.0/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.780 ± 0.831 $\chi^2/\text{NDF}: 6.3/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

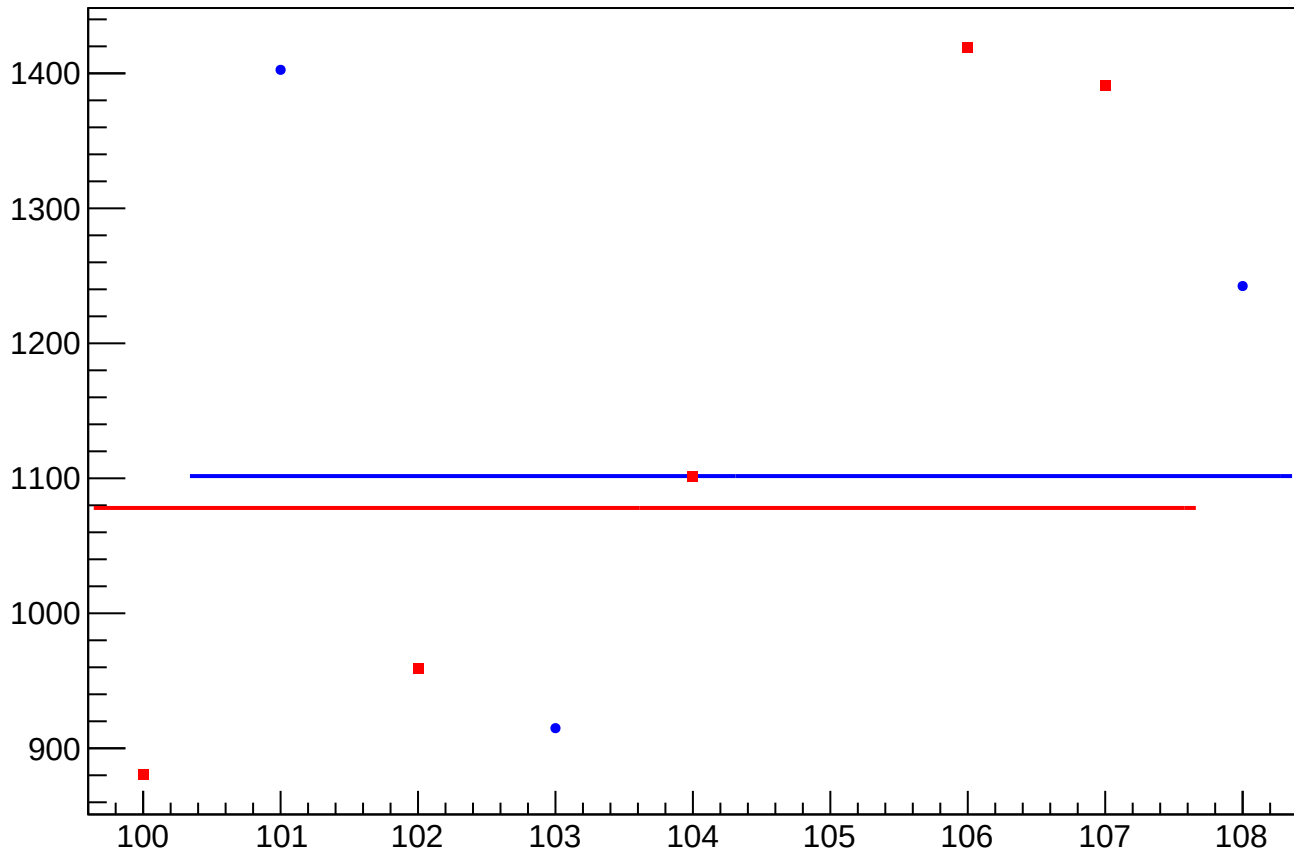
Right: -1.109 ± 0.603 $\chi^2/\text{NDF}: 7.7/7$

In: -0.363 ± 0.877 $\chi^2/\text{NDF}: 0.0/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.109 ± 0.603 $\chi^2/\text{NDF}: 7.7/7$

diff_bpmtargetdiffY_rms vs Slug, Sign Corrected



Right In: 1101.655+/-0.620 χ^2/NDF : 119708.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1078.042+/-0.588 χ^2/NDF : 87080.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

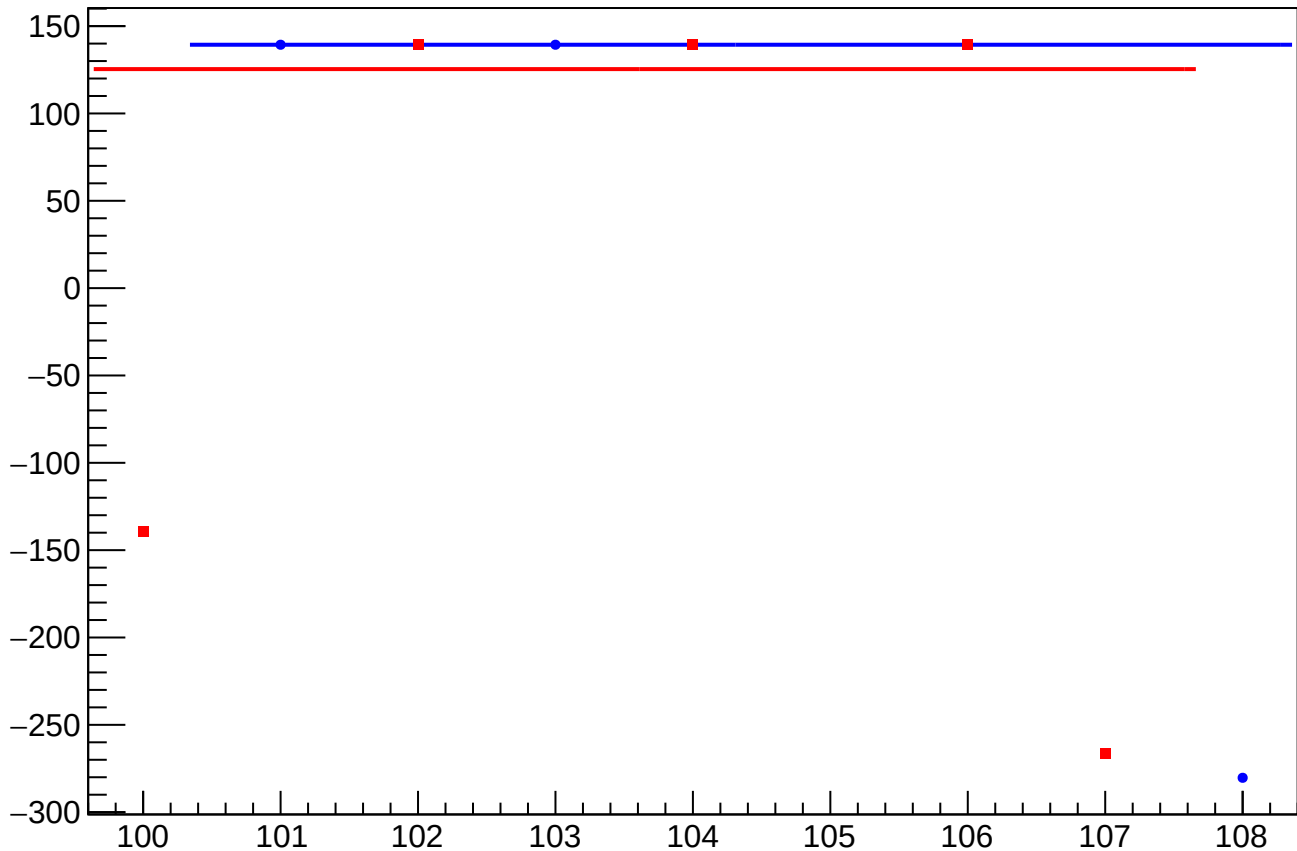
Right: 1089.220+/-0.427 χ^2/NDF : 207552.6/7

In: 1101.655+/-0.620 χ^2/NDF : 119708.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1089.220+/-0.427 χ^2/NDF : 207552.6/7

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 139.338+/-0.000 χ^2/NDF : 9273475918.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.393+/-0.000 χ^2/NDF : 774130585864443.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

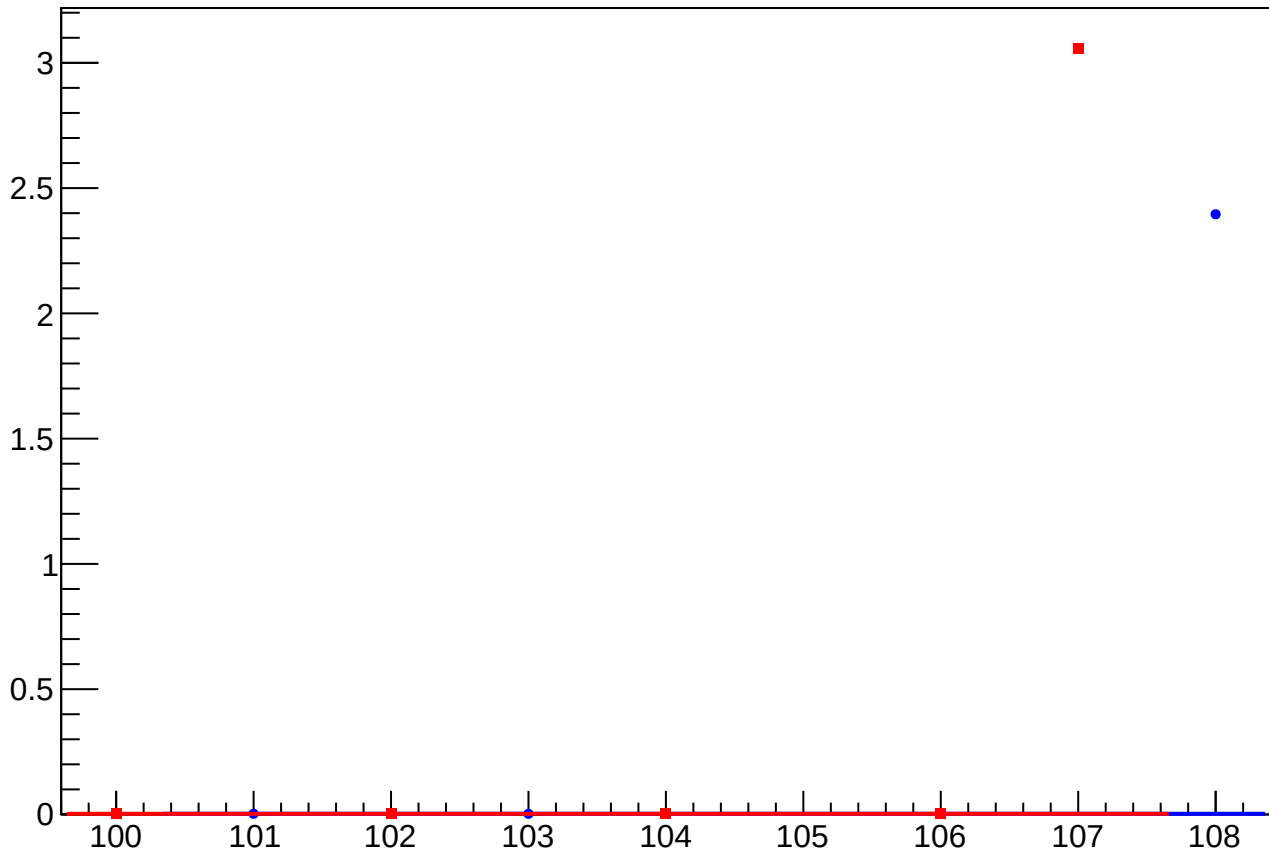
Right: 131.819+/-0.000 χ^2/NDF : 792924822609819

In: 139.338+/-0.000 χ^2/NDF : 9273475918.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.819+/-0.000 χ^2/NDF : 792924822609

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 606721.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 190905.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

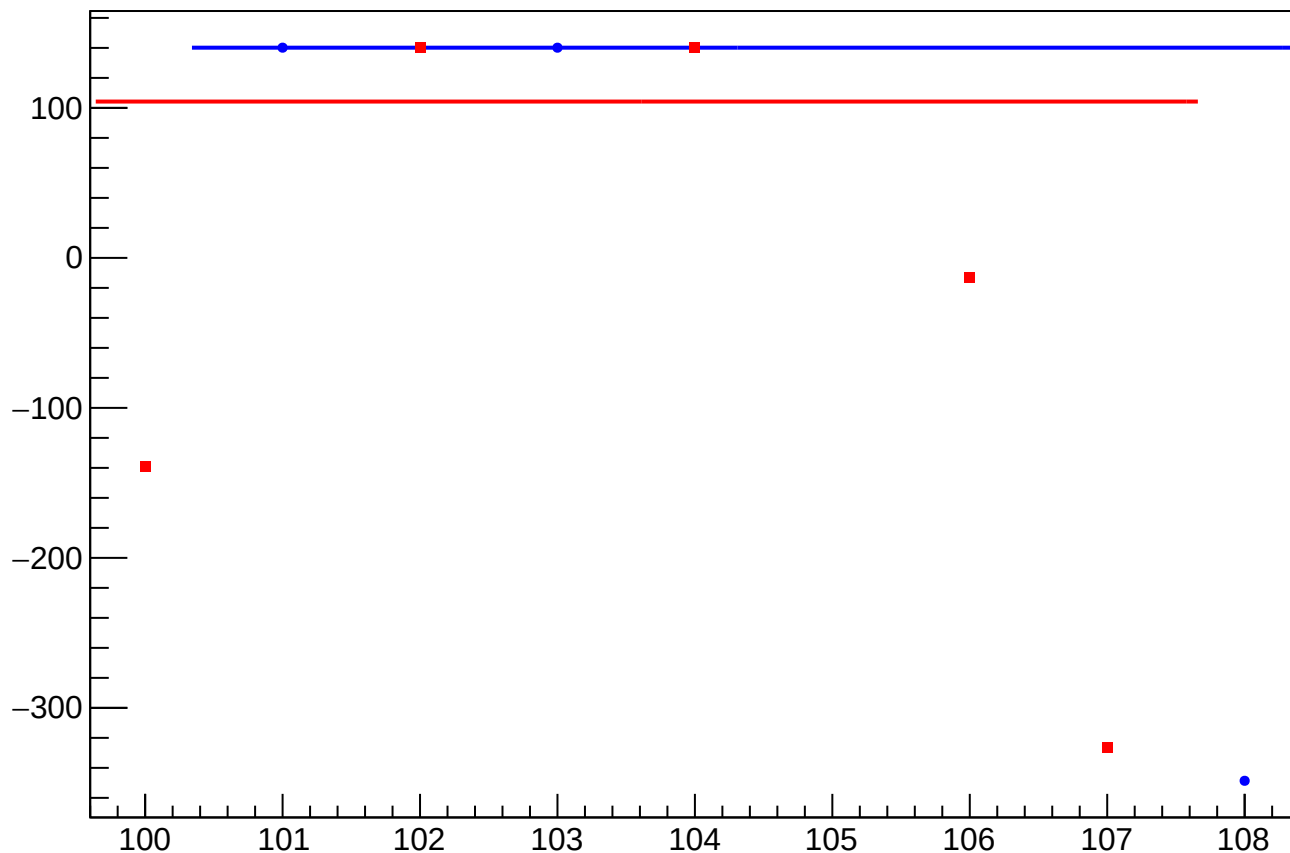
Right: 0.003+/-0.000 χ^2/NDF : 797793.2/7

In: 0.003+/-0.000 χ^2/NDF : 606721.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

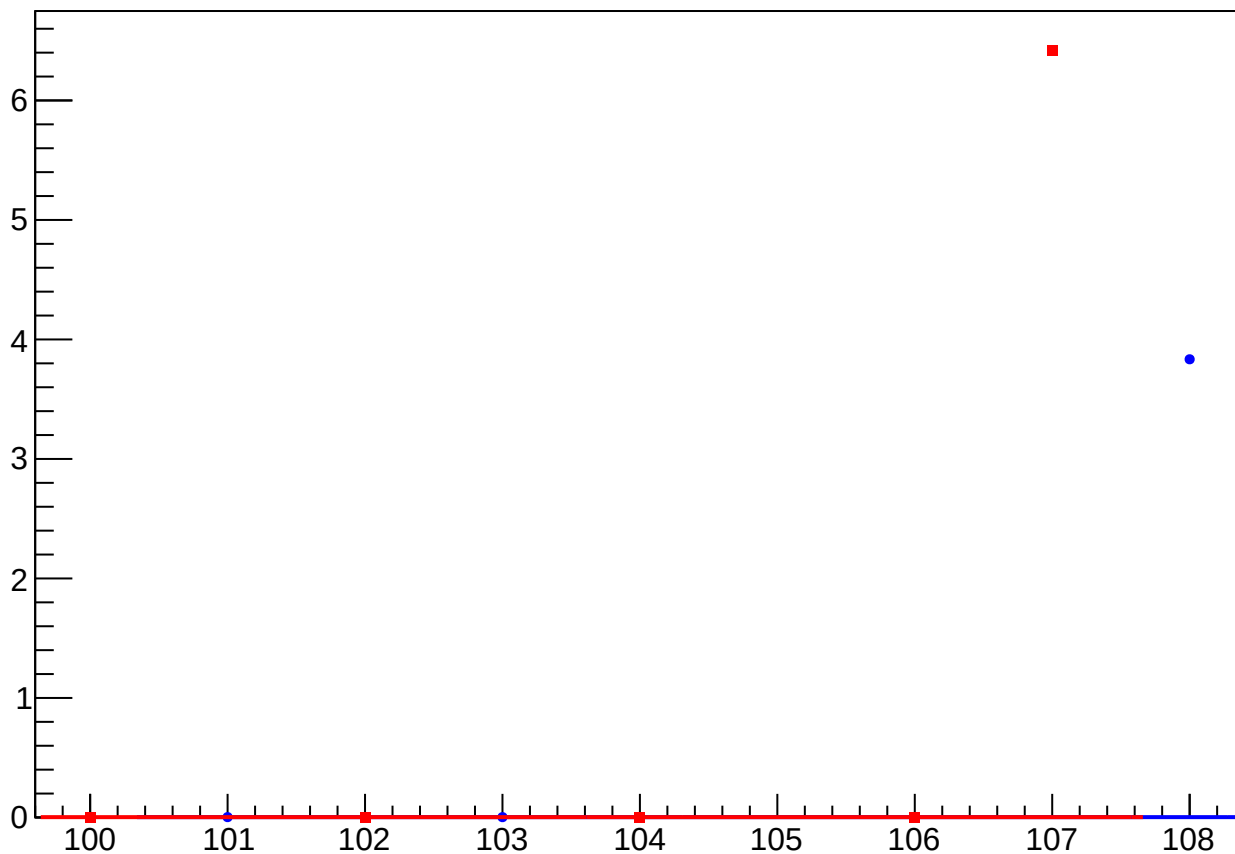
All: 0.003+/-0.000 χ^2/NDF : 797793.2/7

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 140.149+/-0.000 χ^2/NDF : 4928991044.3/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 104.228+/-0.000 χ^2/NDF : 1257294204987986.2/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 120.836+/-0.000 χ^2/NDF : 138061573926067

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 608321.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 262587.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

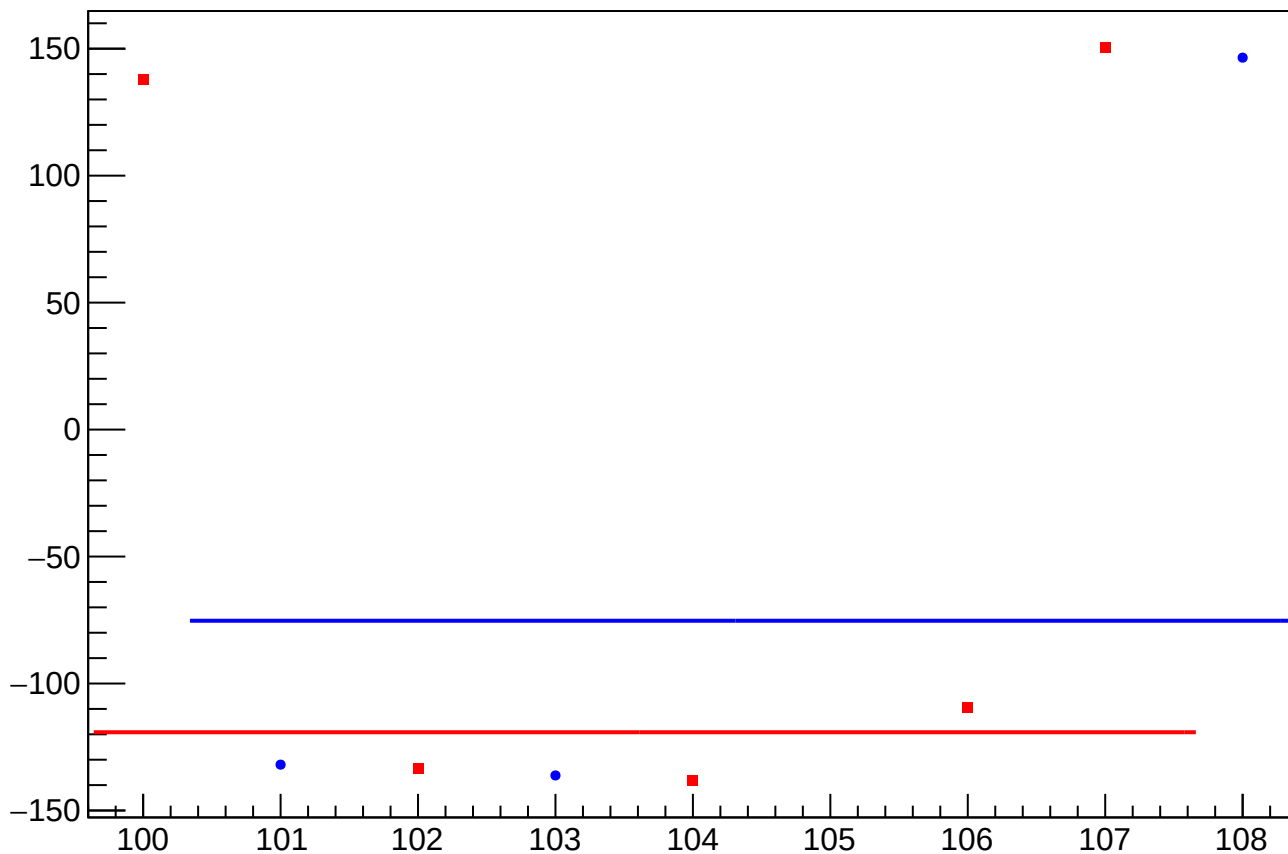
Right: 0.003+/-0.000 χ^2/NDF : 871066.8/7

In: 0.003+/-0.000 χ^2/NDF : 608321.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

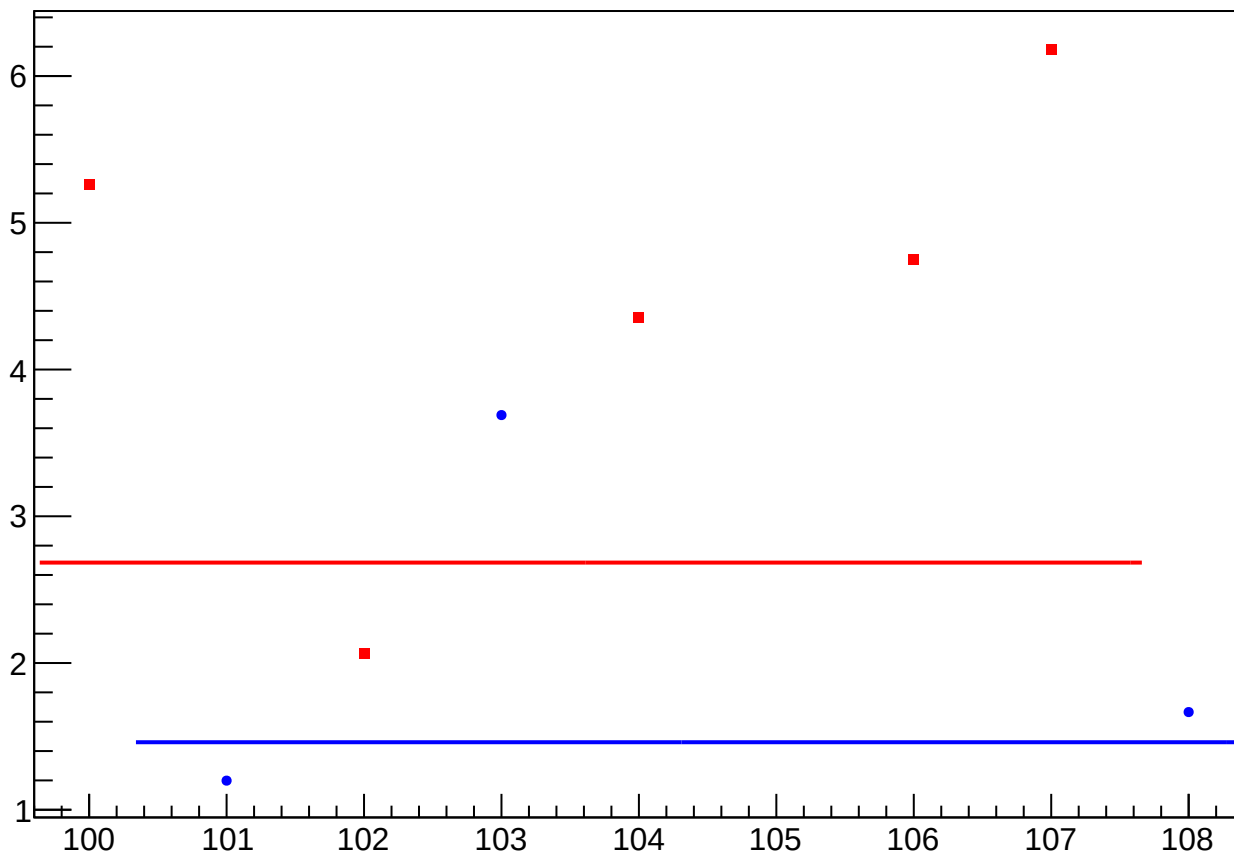
All: 0.003+/-0.000 χ^2/NDF : 871066.8/7

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -75.276 $\pm$ 0.001 χ^2 /NDF: 6857350547.6/2 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: -86.207 $\pm$ 0.001 χ^2 /NDF: 7760302791.0/7
Right Out: -119.187 $\pm$ 0.002 χ^2 /NDF: 642691394.8/4 In: -75.276 $\pm$ 0.001 χ^2 /NDF: 6857350547.6/2
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: -86.207 $\pm$ 0.001 χ^2 /NDF: 7760302791.0/7

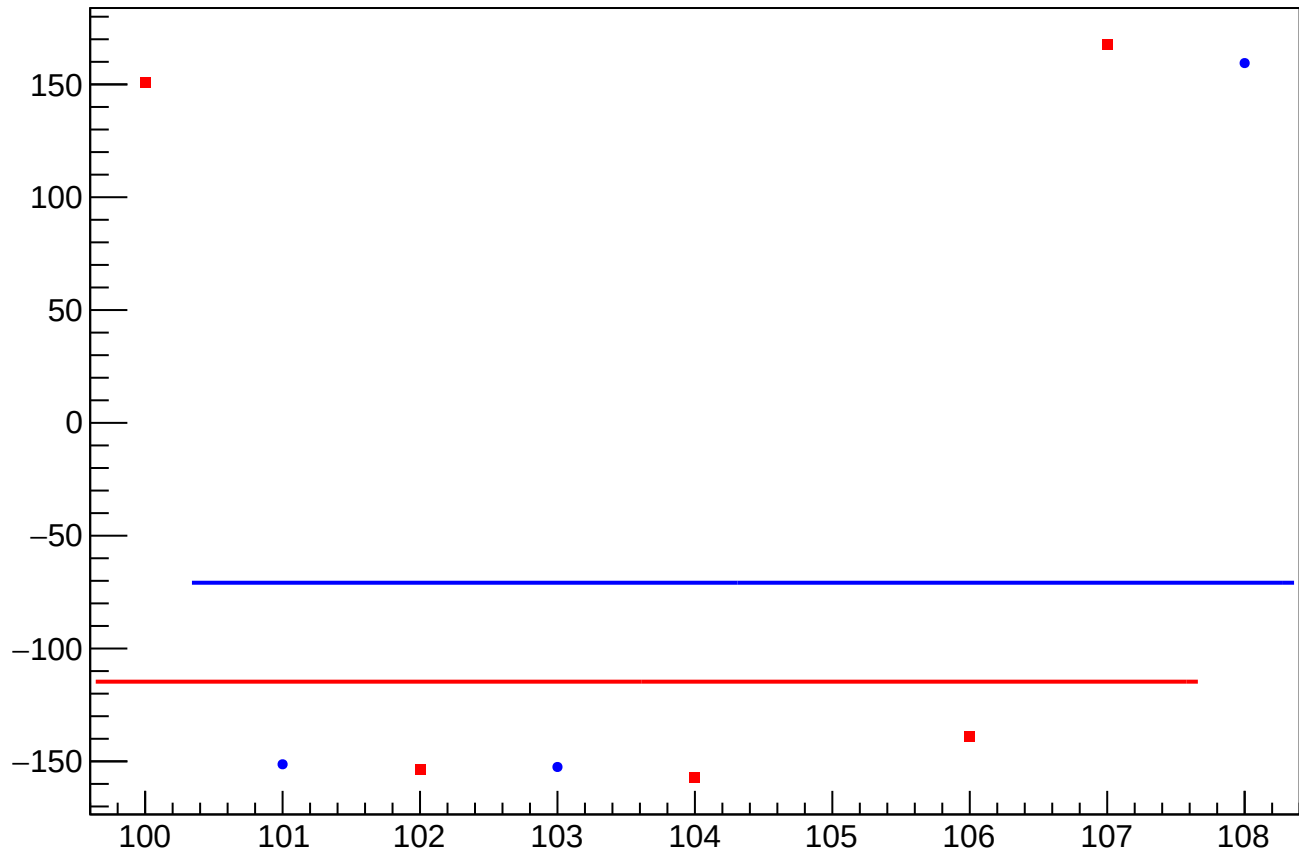
yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 1.460+/-0.001 χ^2/NDF : 422952.5/2
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 2.684+/-0.002 χ^2/NDF : 498308.8/4
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 1.765+/-0.001 χ^2/NDF : 1325857.7/7
In: 1.460+/-0.001 χ^2/NDF : 422952.5/2
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 1.765+/-0.001 χ^2/NDF : 1325857.7/7

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -70.845+/-0.003 χ^2/NDF : 2815508662.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -114.691+/-0.004 χ^2/NDF : 629419476.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

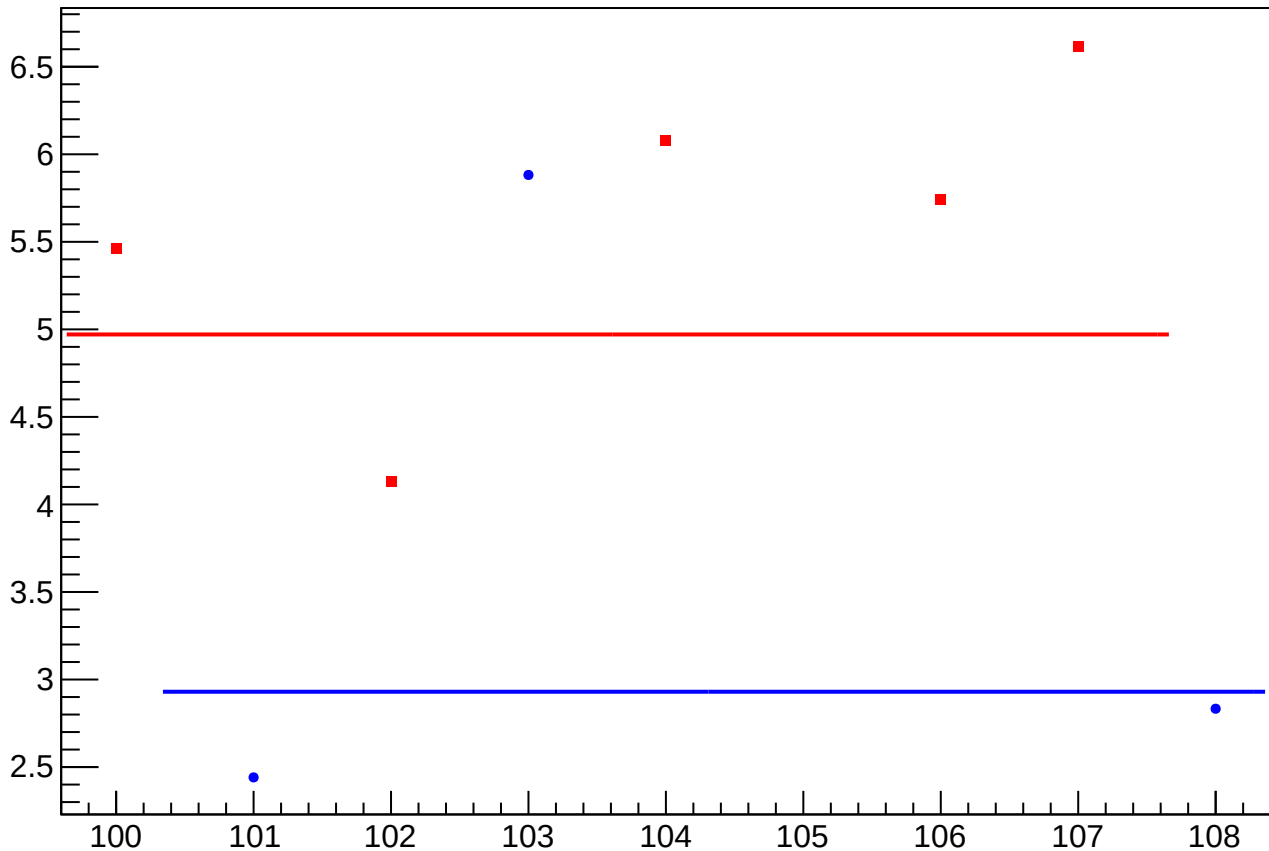
Right: -83.257+/-0.002 χ^2/NDF : 3527438321.5/7

In: -70.845+/-0.003 χ^2/NDF : 2815508662.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -83.257+/-0.002 χ^2/NDF : 3527438321.5/7

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 2.930+/-0.002 χ^2/NDF : 343889.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.971+/-0.003 χ^2/NDF : 113321.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

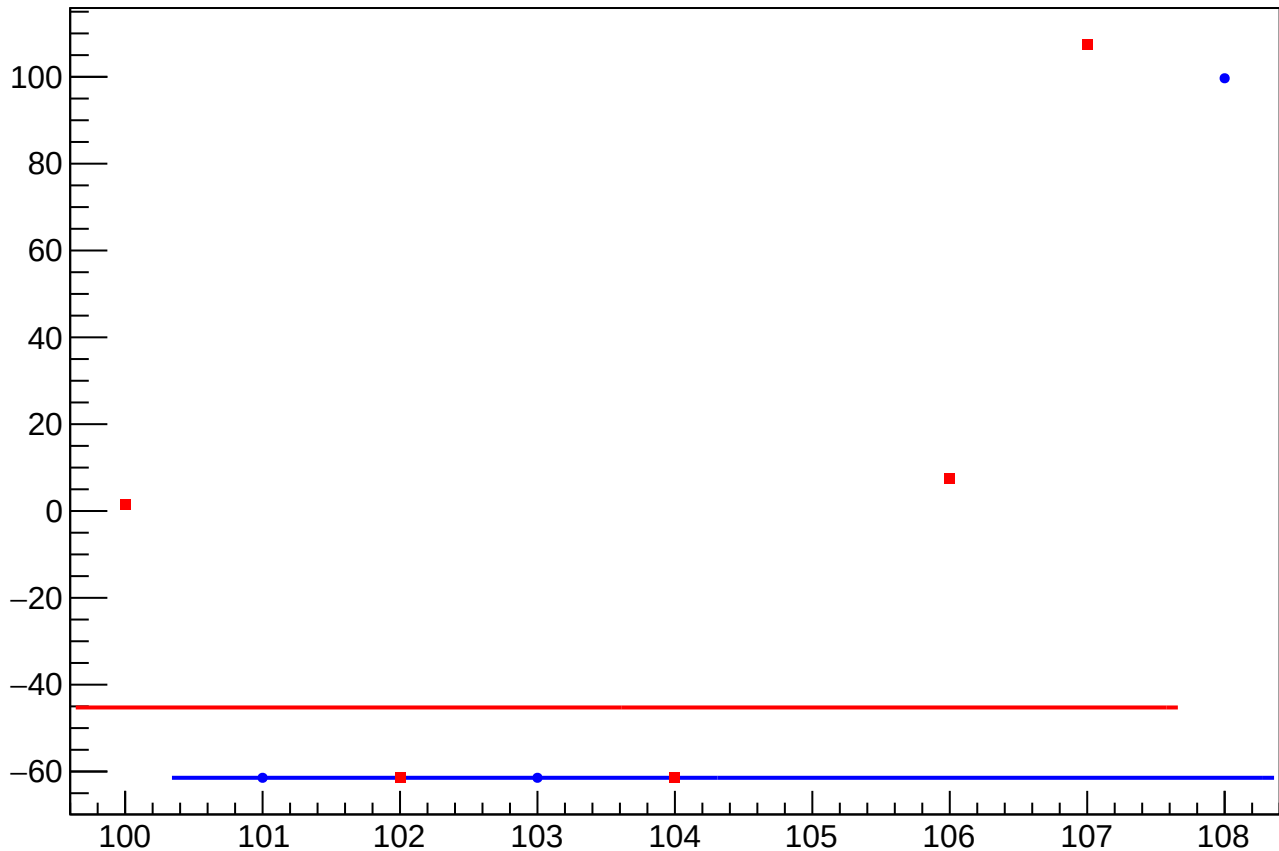
Right: 3.508+/-0.002 χ^2/NDF : 814682.8/7

In: 2.930+/-0.002 χ^2/NDF : 343889.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

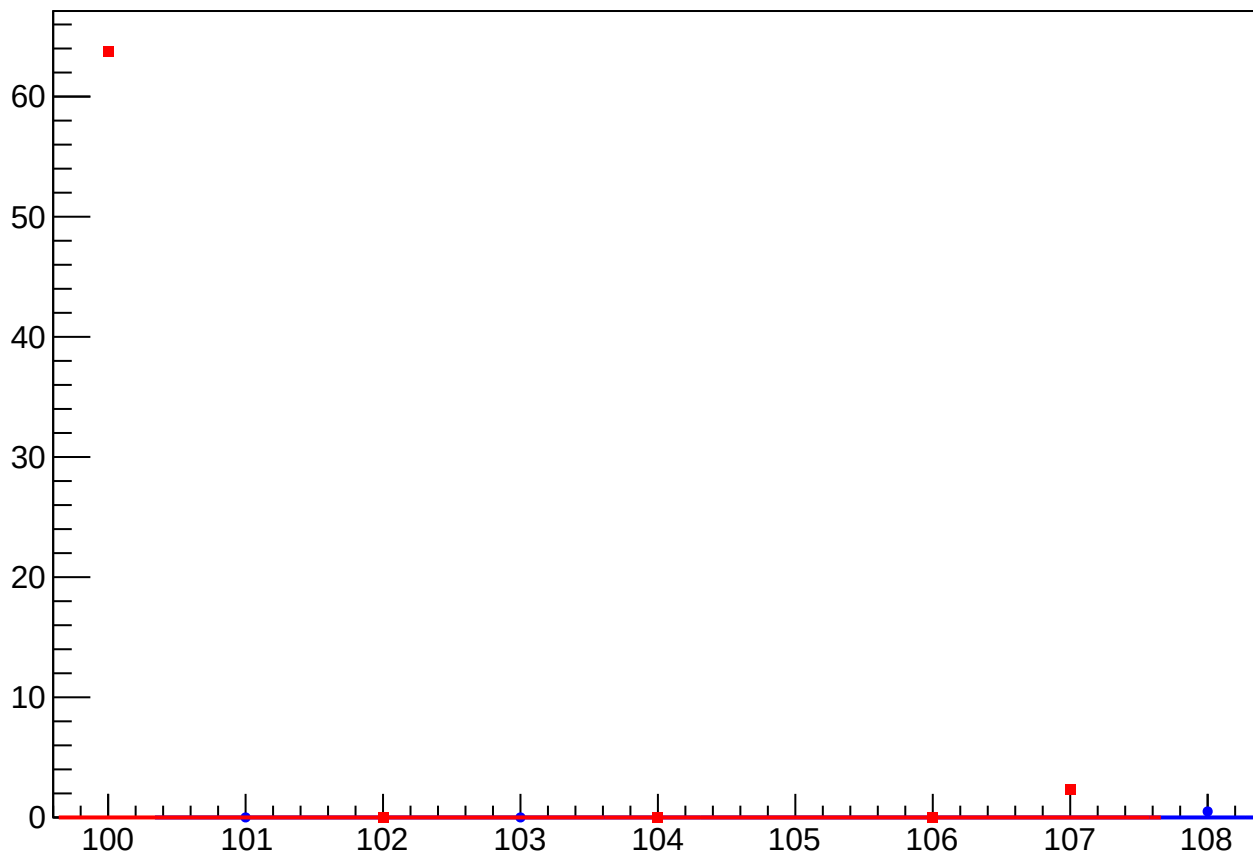
All: 3.508+/-0.002 χ^2/NDF : 814682.8/7

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -61.448+/-0.000 χ^2/NDF : 34491728602.4/2
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -45.252+/-0.000 χ^2/NDF : 357758603755050.8/4
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -52.758+/-0.000 χ^2/NDF : 408794043540319

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 662994.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 470451.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

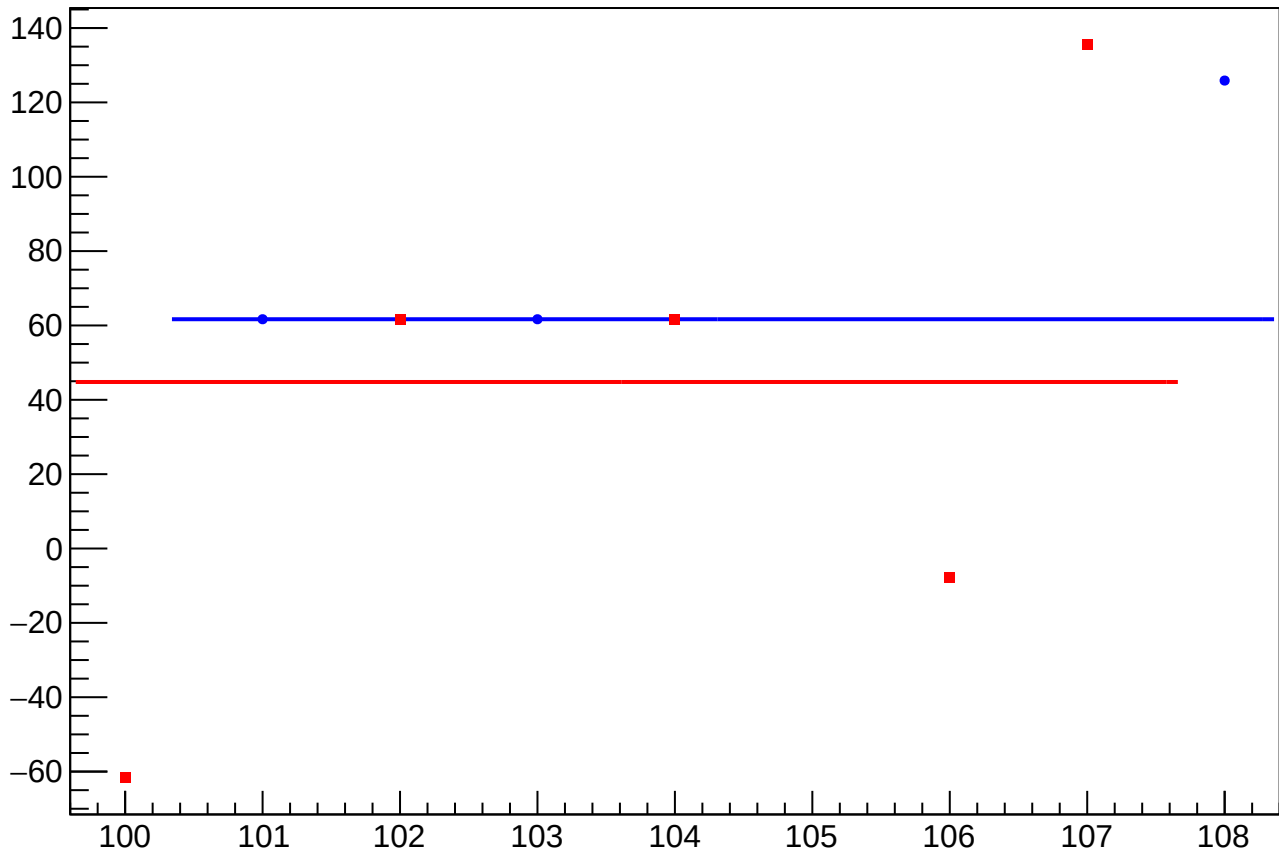
Right: 0.001+/-0.000 χ^2/NDF : 1133446.3/7

In: 0.001+/-0.000 χ^2/NDF : 662994.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

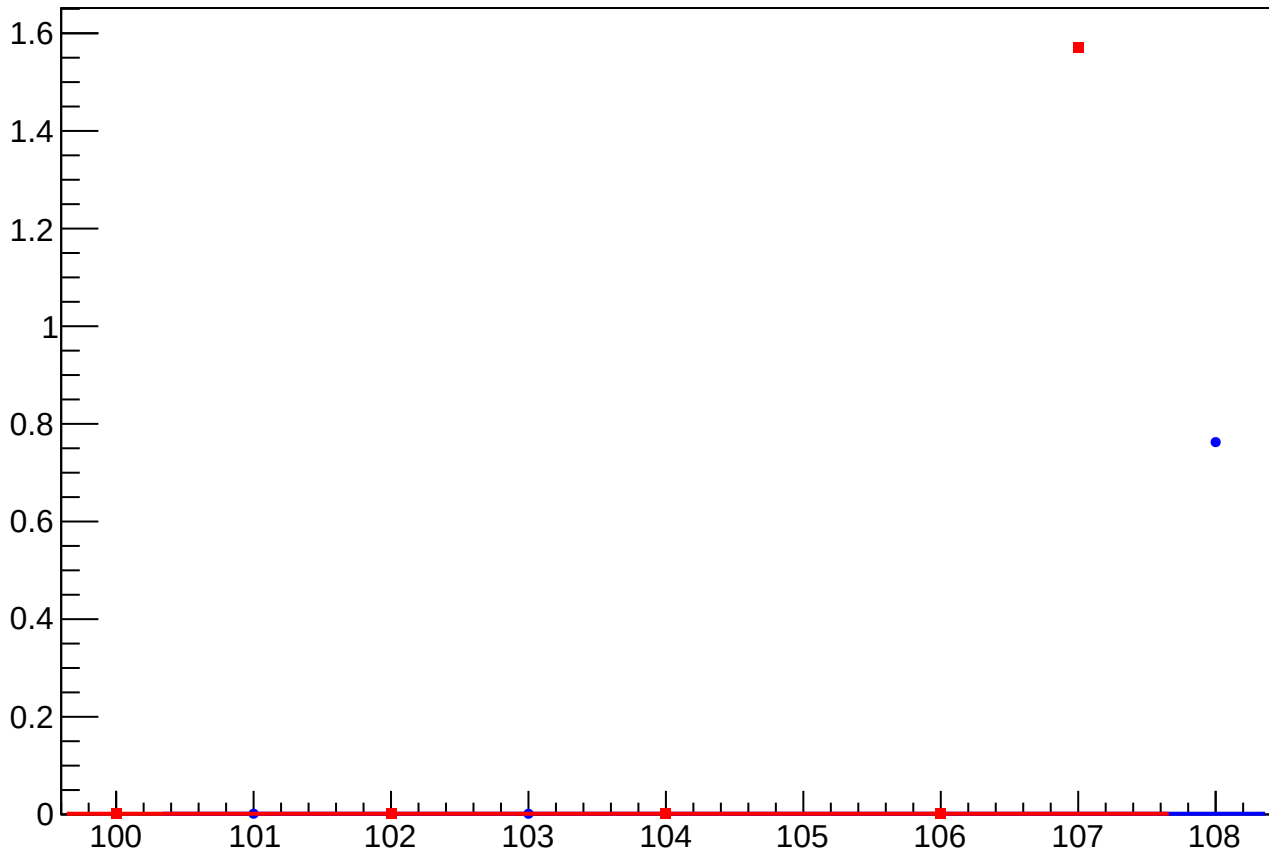
All: 0.001+/-0.000 χ^2/NDF : 1133446.3/7

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 61.673+/-0.000 χ^2/NDF : 2396336936.6/2
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 52.698+/-0.000 χ^2/NDF : 416993911609603.0
 Right Out: 44.793+/-0.000 χ^2/NDF : 365869684858255.2/4
 In: 61.673+/-0.000 χ^2/NDF : 2396336936.6/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 52.698+/-0.000 χ^2/NDF : 416993911609603.0

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 674456.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 232459.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

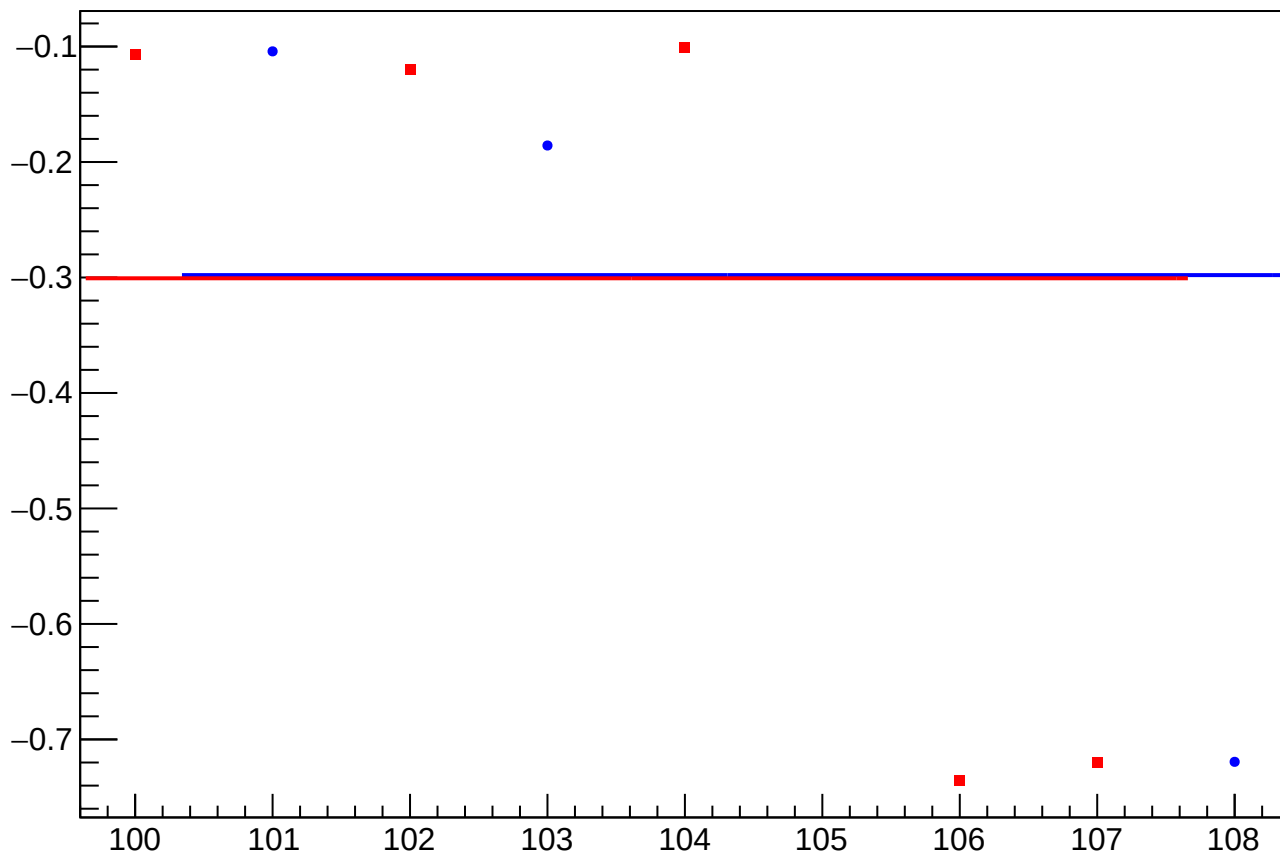
Right: 0.001+/-0.000 χ^2/NDF : 907138.5/7

In: 0.001+/-0.000 χ^2/NDF : 674456.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 907138.5/7

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.298+/-0.000 χ^2/NDF : 60391492.9/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.301+/-0.000 χ^2/NDF : 53152529.1/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

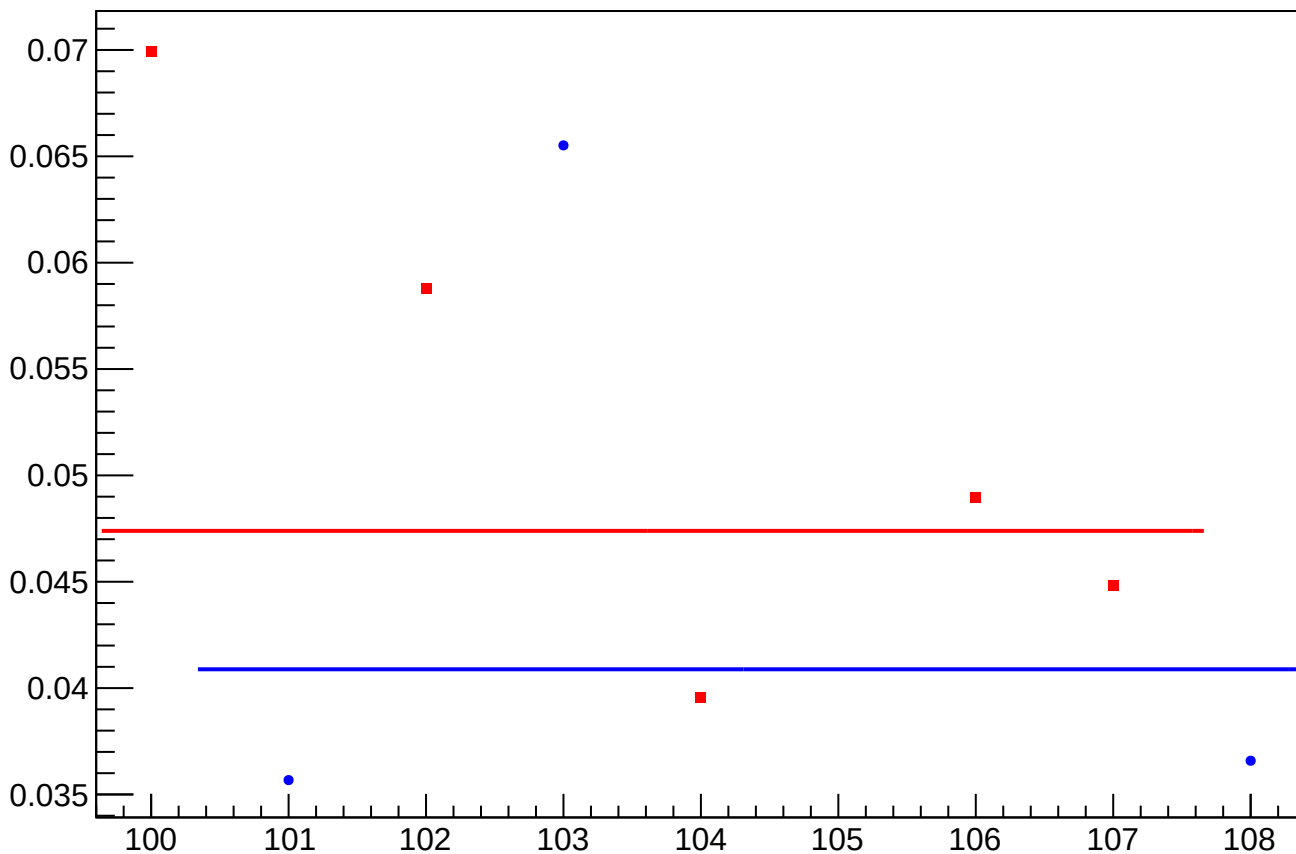
Right: -0.299+/-0.000 χ^2/NDF : 113546768.0/7

In: -0.298+/-0.000 χ^2/NDF :60391492.9/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.299+/-0.000 χ^2/NDF : 113546768.0/7

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.041+/-0.000 χ^2/NDF : 195595.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.047+/-0.000 χ^2/NDF : 92022.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

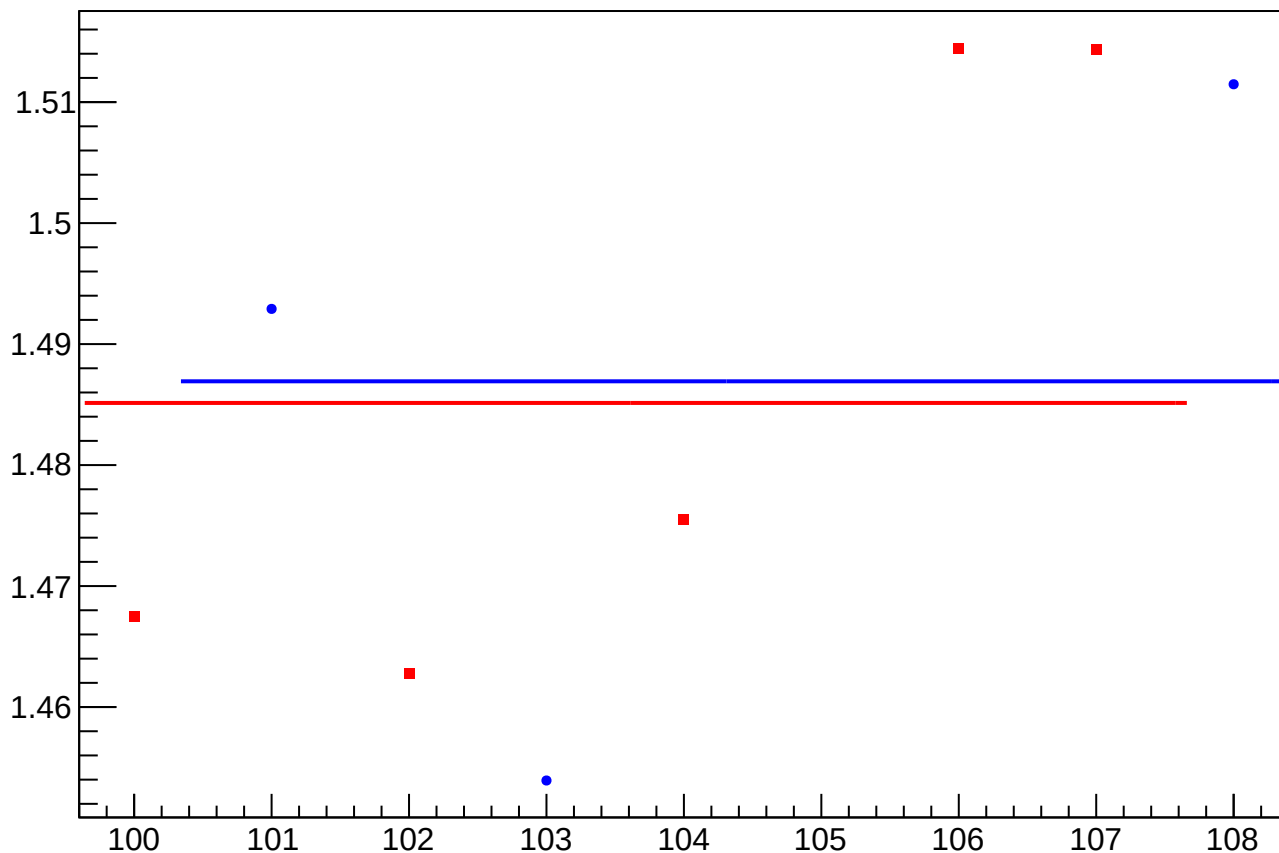
Right: 0.044+/-0.000 χ^2/NDF : 318051.8/7

In: 0.041+/-0.000 χ^2/NDF : 195595.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.044+/-0.000 χ^2/NDF : 318051.8/7

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 1.487+/-0.000 χ^2/NDF : 2836486.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.485+/-0.000 χ^2/NDF : 2725909.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

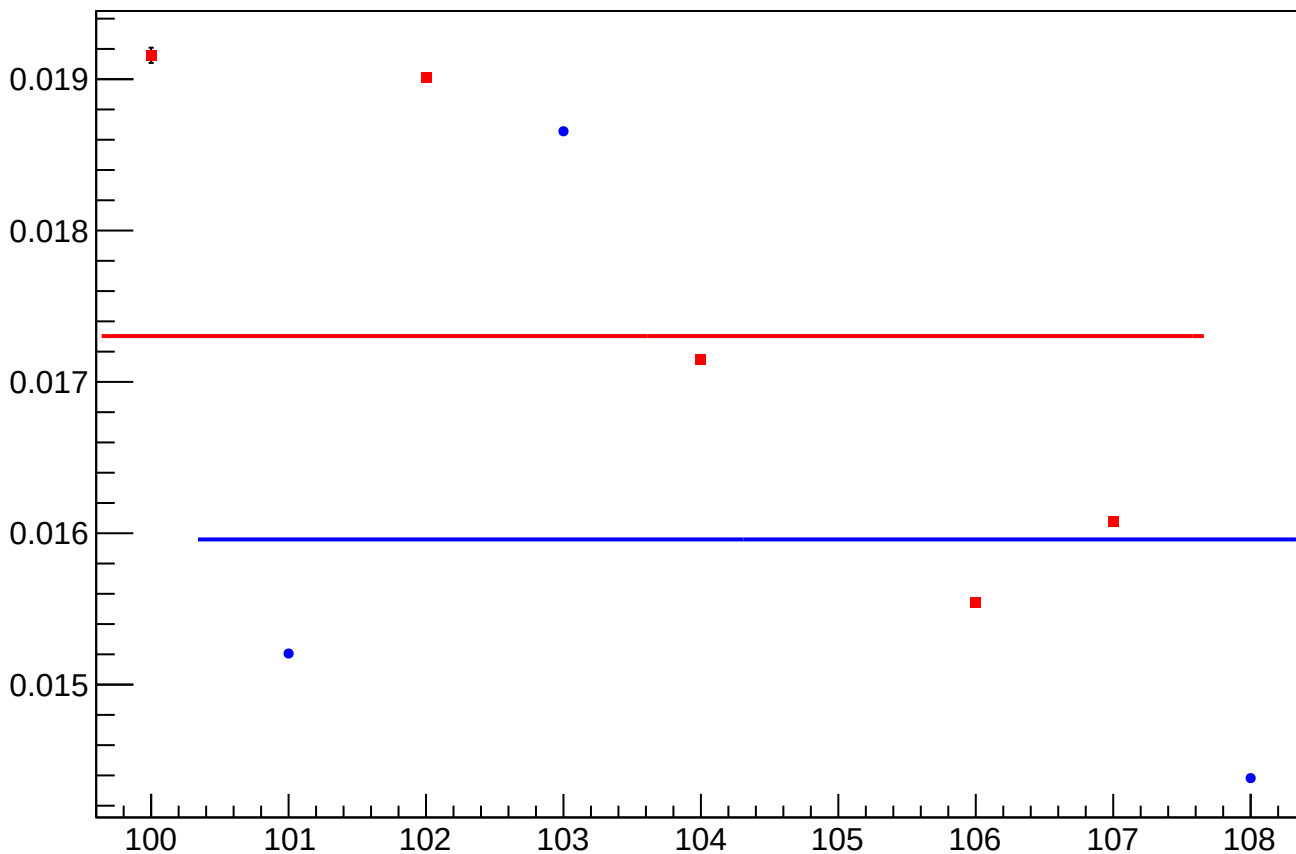
Right: 1.486+/-0.000 χ^2/NDF : 5571411.5/7

In: 1.487+/-0.000 χ^2/NDF : 2836486.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.486+/-0.000 χ^2/NDF : 5571411.5/7

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 34715.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.000 χ^2/NDF : 20716.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

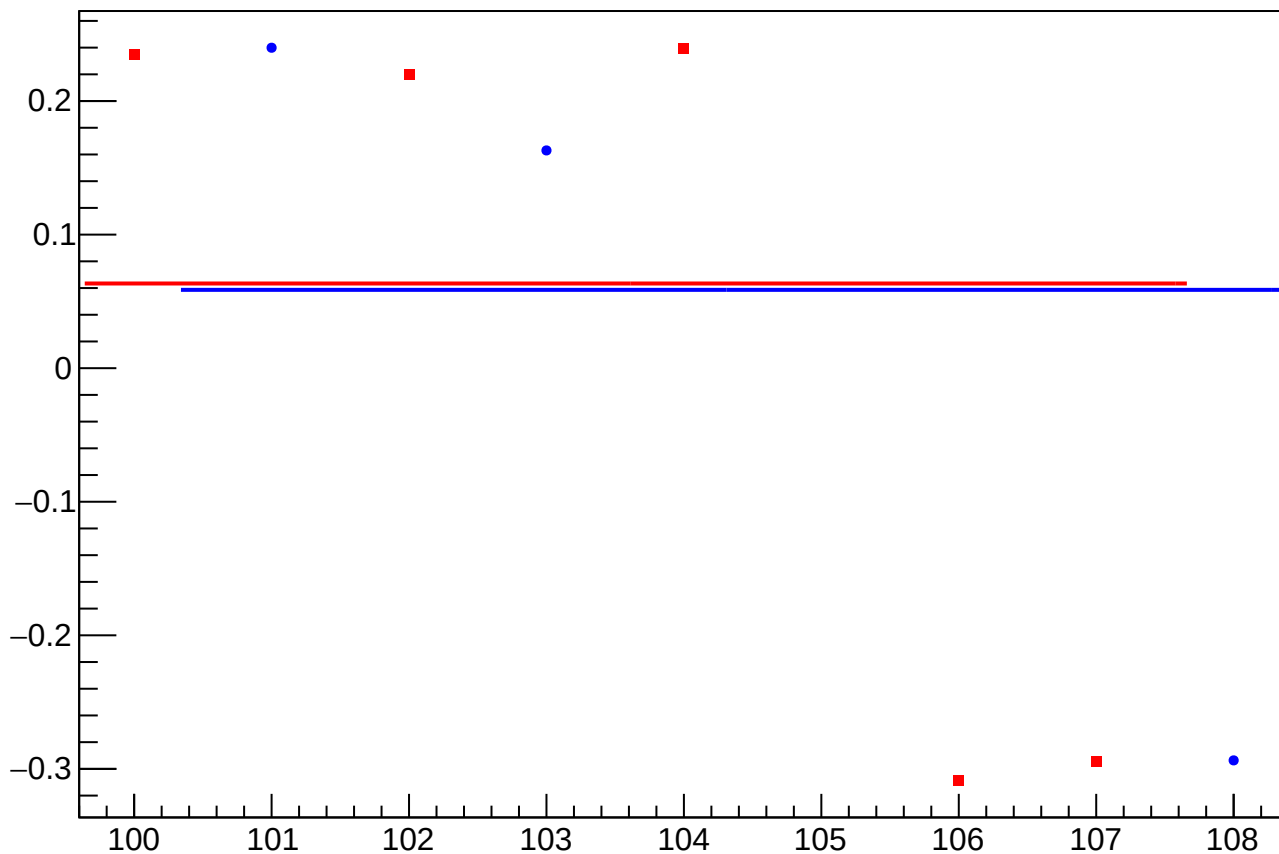
Right: 0.017+/-0.000 χ^2/NDF : 65610.0/7

In: 0.016+/-0.000 χ^2/NDF : 34715.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.000 χ^2/NDF : 65610.0/7

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: 0.059+/-0.000 χ^2/NDF : 44197602.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.063+/-0.000 χ^2/NDF : 37973163.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

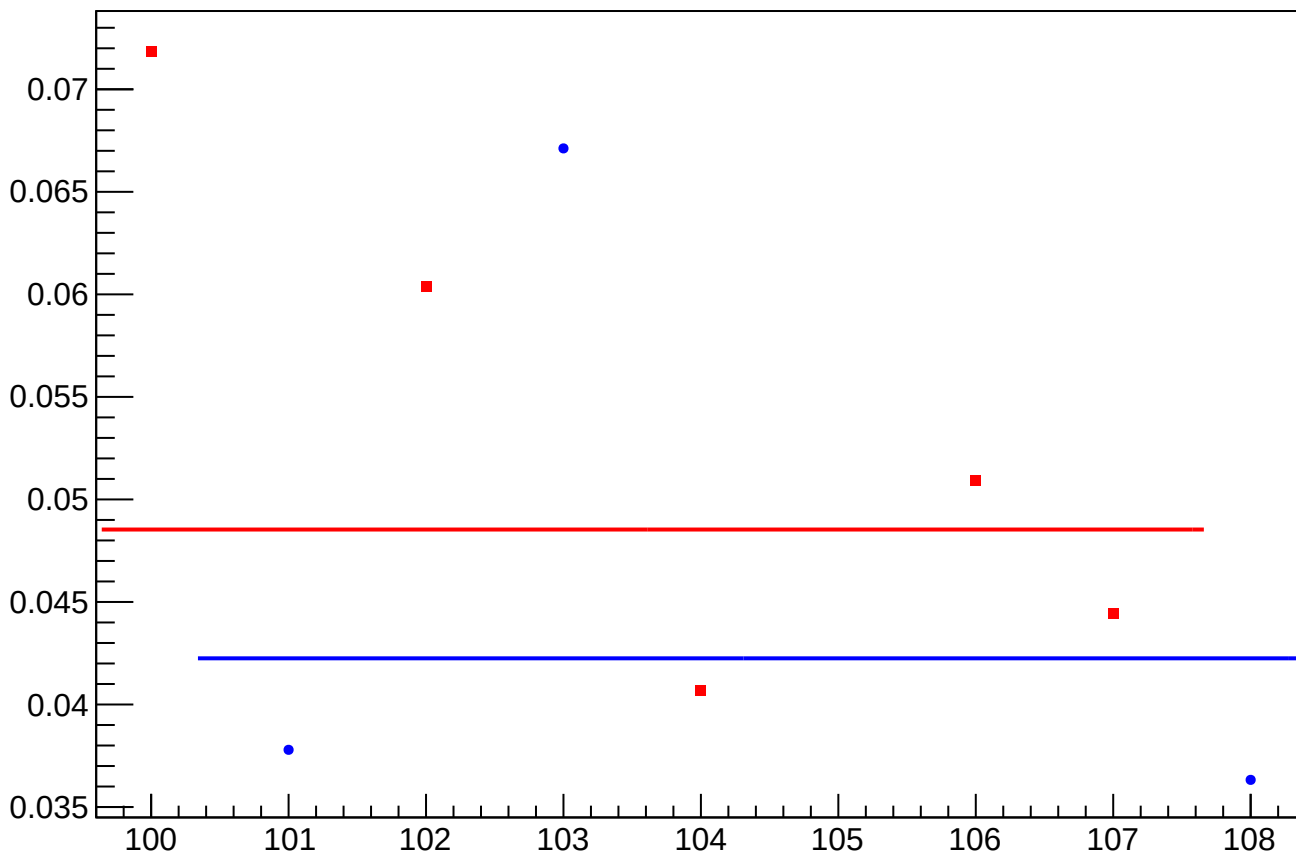
Right: 0.061+/-0.000 χ^2/NDF : 82178487.6/7

In: 0.059+/-0.000 χ^2/NDF : 44197602.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.061+/-0.000 χ^2/NDF : 82178487.6/7

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.042+/-0.000 χ^2/NDF : 190900.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.049+/-0.000 χ^2/NDF : 94018.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

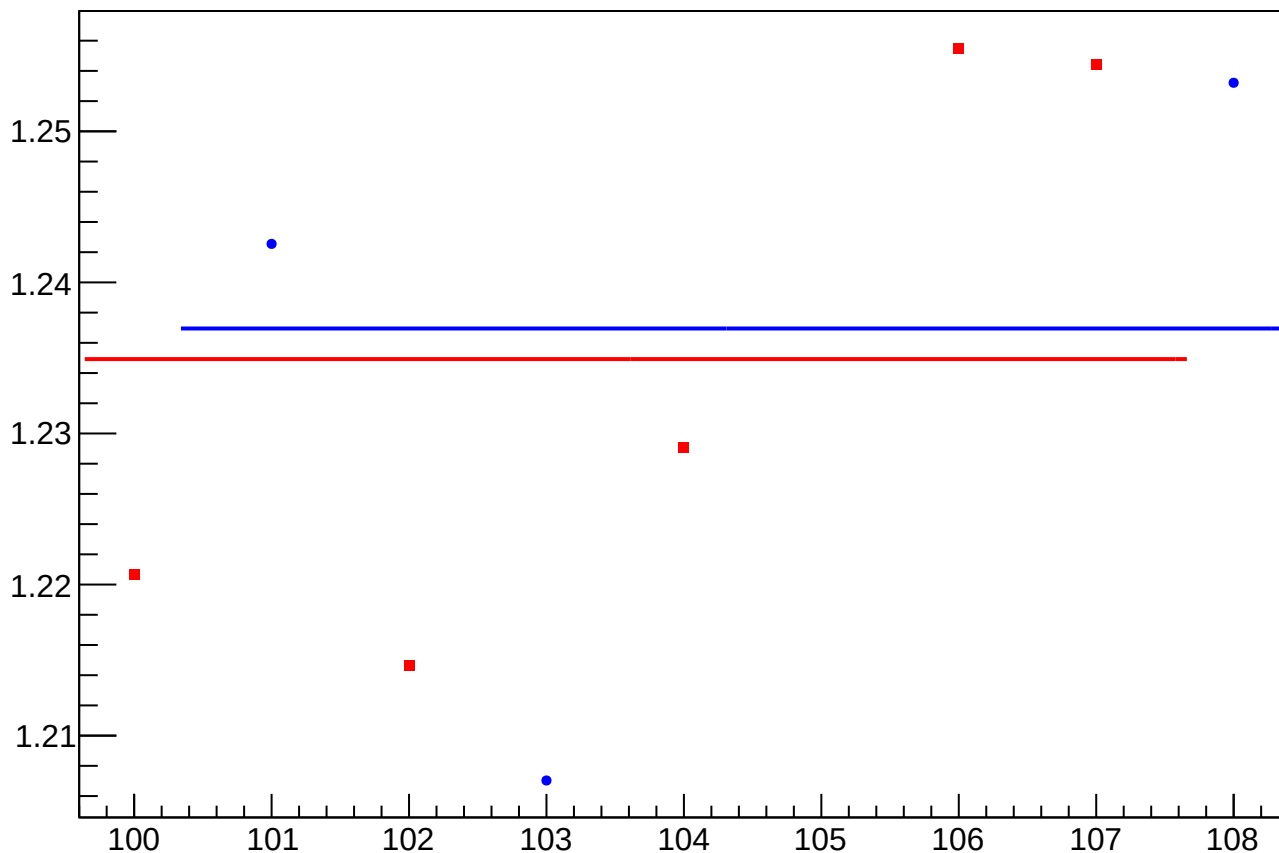
Right: 0.045+/-0.000 χ^2/NDF : 311795.9/7

In: 0.042+/-0.000 χ^2/NDF : 190900.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.045+/-0.000 χ^2/NDF : 311795.9/7

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 1.237+/-0.000 χ^2/NDF : 2836134.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.235+/-0.000 χ^2/NDF : 2366440.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

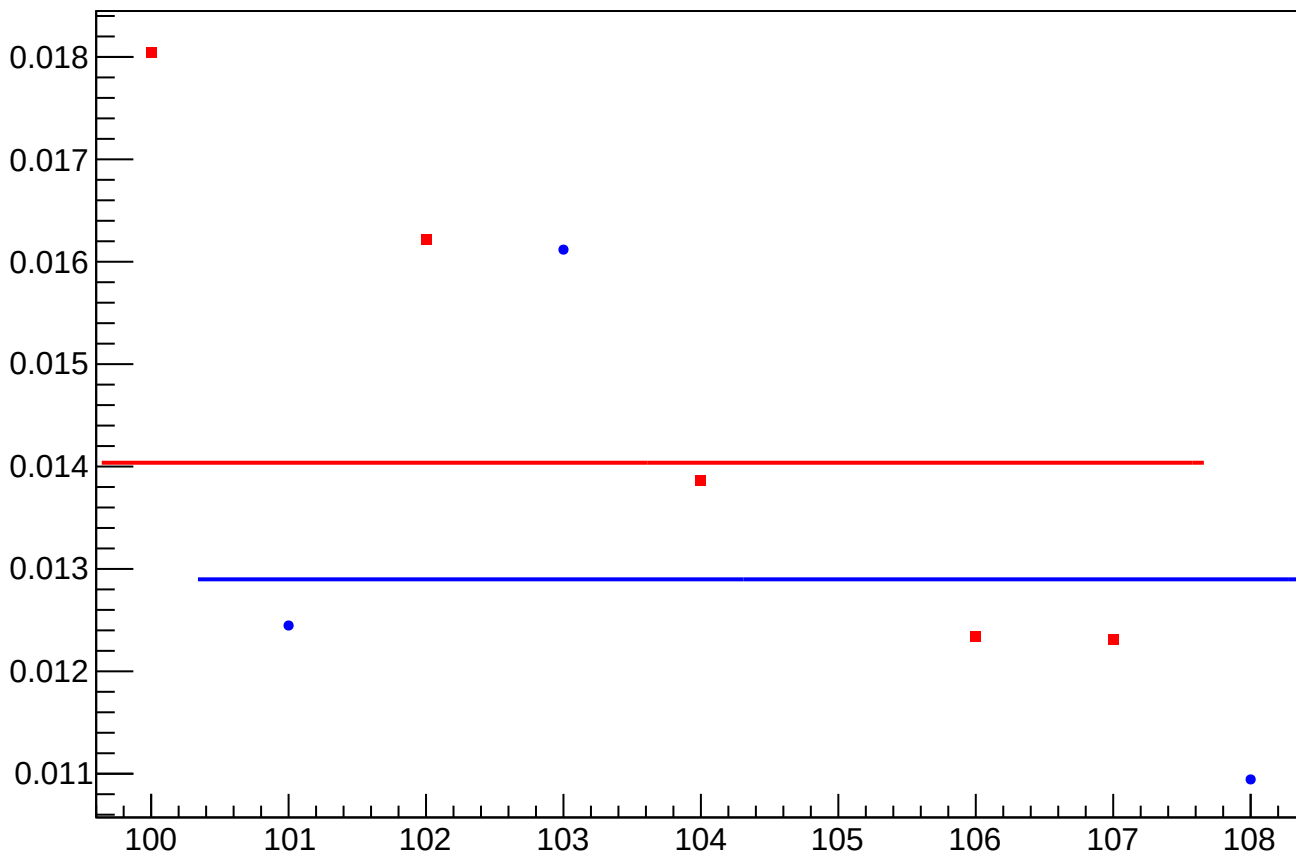
Right: 1.236+/-0.000 χ^2/NDF : 5219926.3/7

In: 1.237+/-0.000 χ^2/NDF : 2836134.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.236+/-0.000 χ^2/NDF : 5219926.3/7

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 68705.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 47856.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

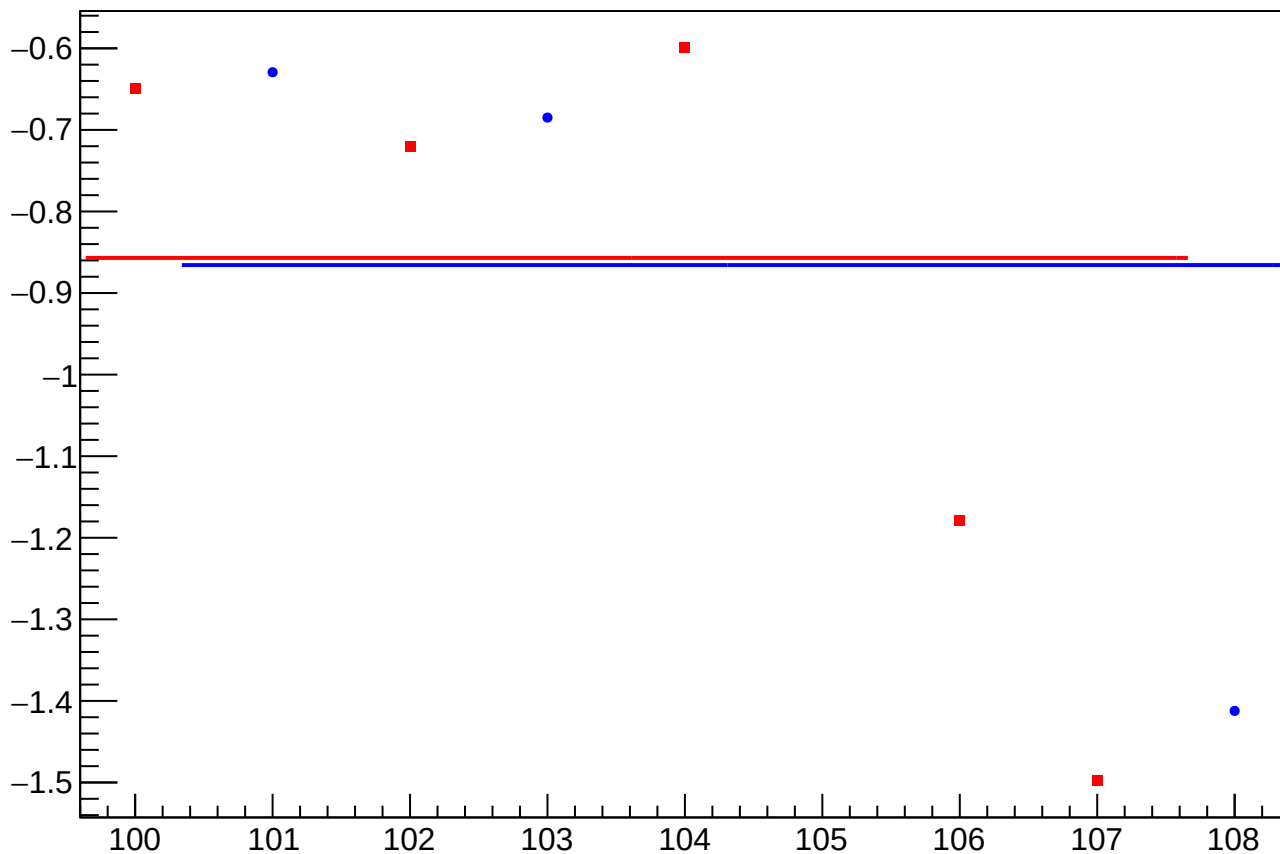
Right: 0.013+/-0.000 χ^2/NDF : 127537.4/7

In: 0.013+/-0.000 χ^2/NDF : 68705.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 127537.4/7

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -0.866+/-0.000 χ^2/NDF : 101536260.5/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.857+/-0.000 χ^2/NDF : 74008511.6/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

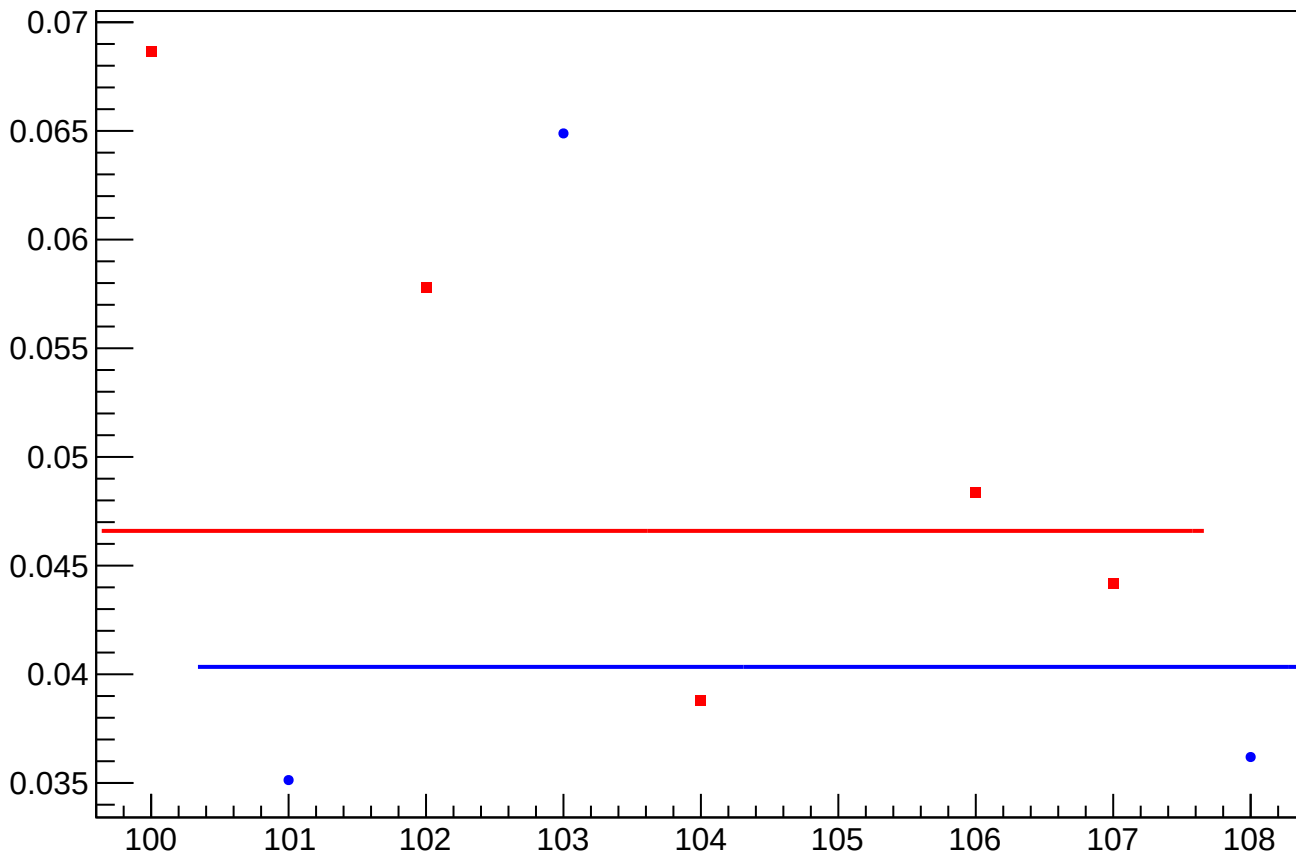
Right: -0.862+/-0.000 χ^2/NDF : 175573544.2/7

In: -0.866+/-0.000 χ^2/NDF :101536260.5/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.862+/-0.000 χ^2/NDF : 175573544.2/7

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.040+/-0.000 χ^2/NDF : 197211.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.047+/-0.000 χ^2/NDF : 92683.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

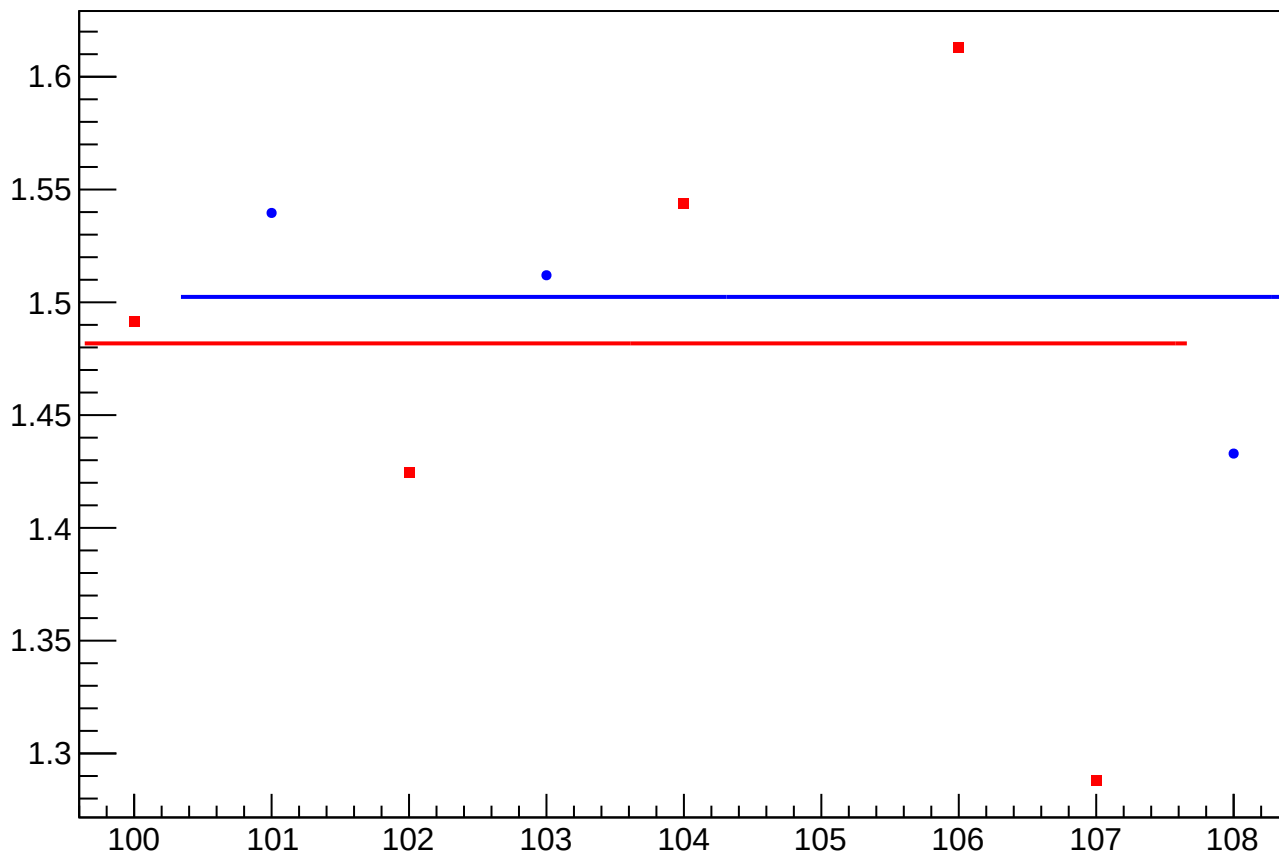
Right: 0.043+/-0.000 χ^2/NDF : 318835.8/7

In: 0.040+/-0.000 χ^2/NDF : 197211.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.043+/-0.000 χ^2/NDF : 318835.8/7

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 1.502 $\pm$ 0.000 χ^2 /NDF: 10318082.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.482 $\pm$ 0.000 χ^2 /NDF: 60277214.4/4

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

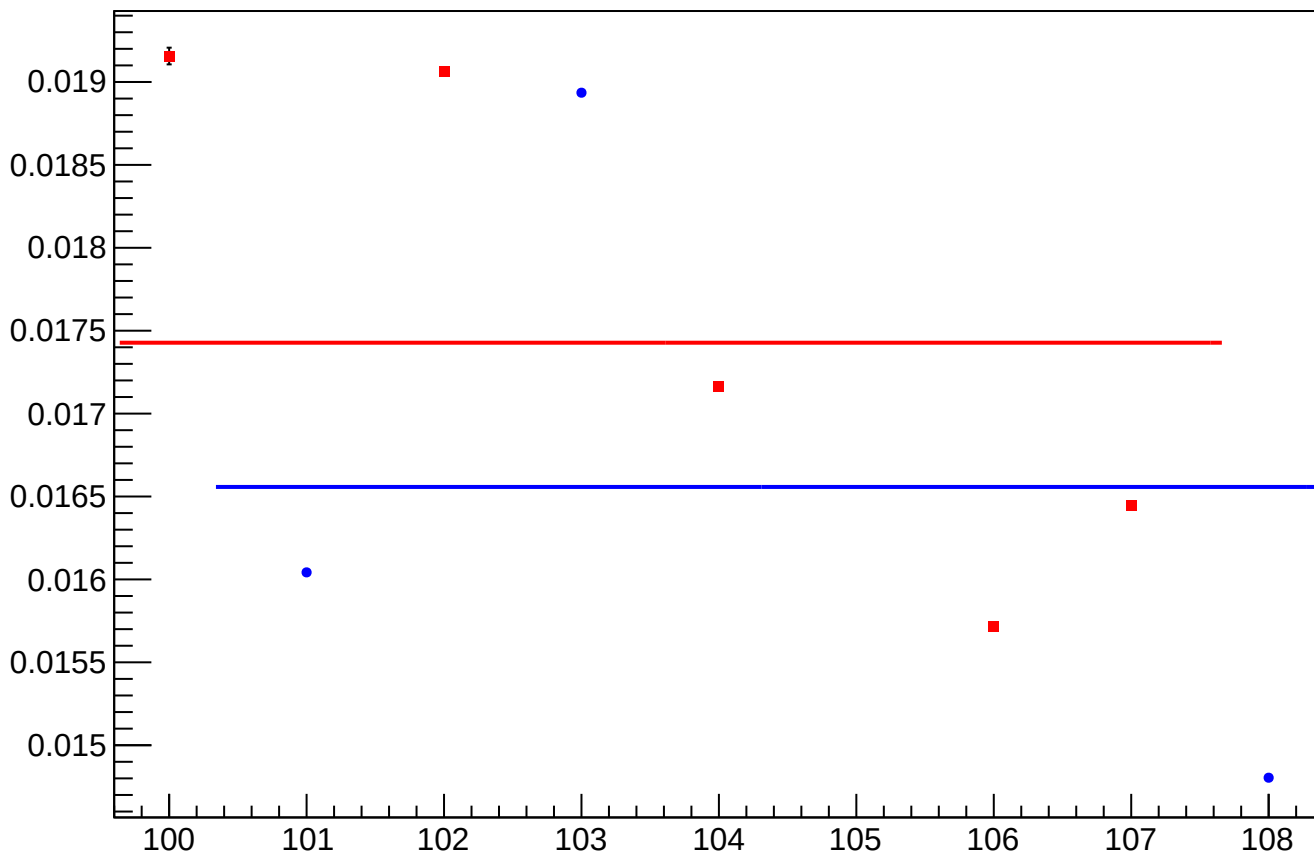
Right: 1.492 $\pm$ 0.000 χ^2 /NDF: 71733581.8/7

In: 1.502 $\pm$ 0.000 χ^2 /NDF:10318082.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.492 $\pm$ 0.000 χ^2 /NDF: 71733581.8/7

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 27842.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.000 χ^2/NDF : 18339.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

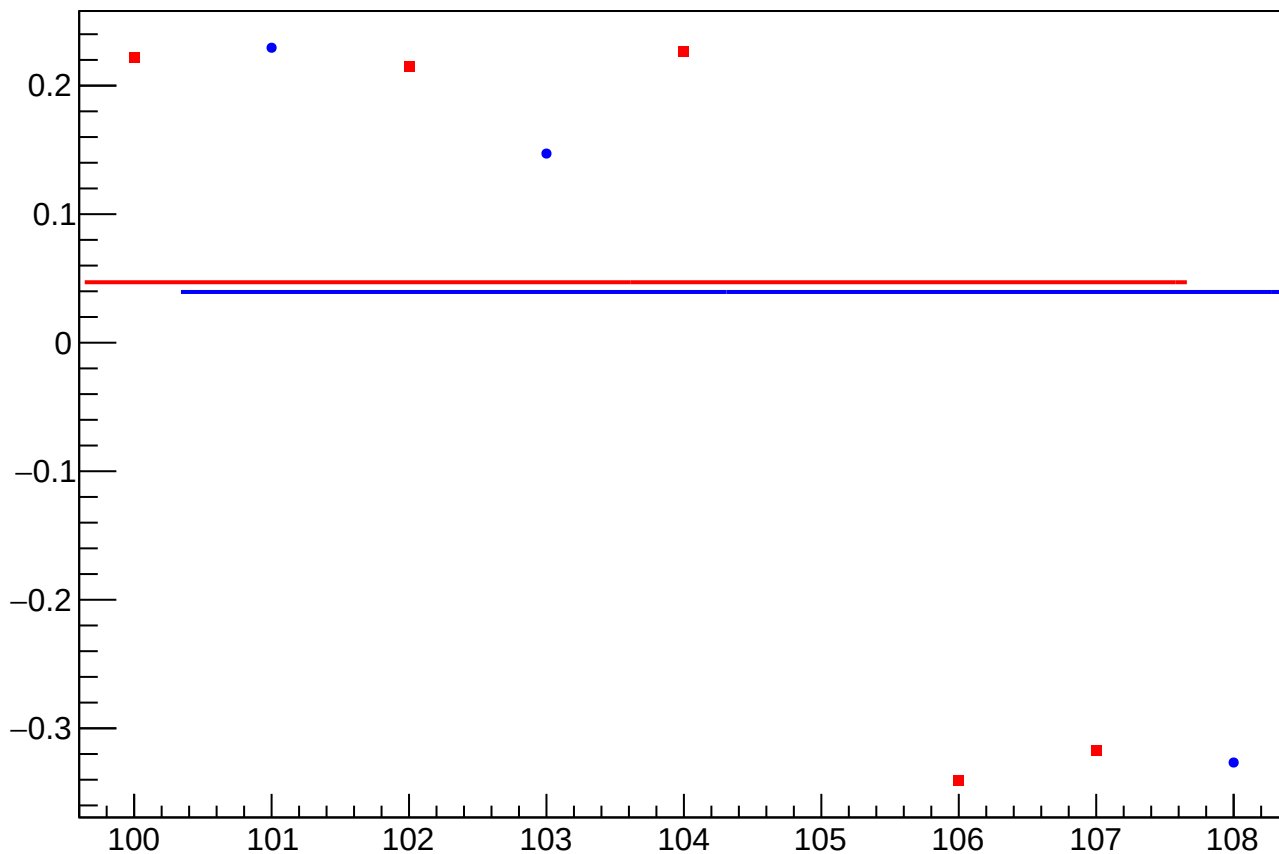
Right: 0.017+/-0.000 χ^2/NDF : 50237.3/7

In: 0.017+/-0.000 χ^2/NDF : 27842.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.000 χ^2/NDF : 50237.3/7

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: 0.039+/-0.000 χ^2/NDF : 47236441.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.047+/-0.000 χ^2/NDF : 39339648.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

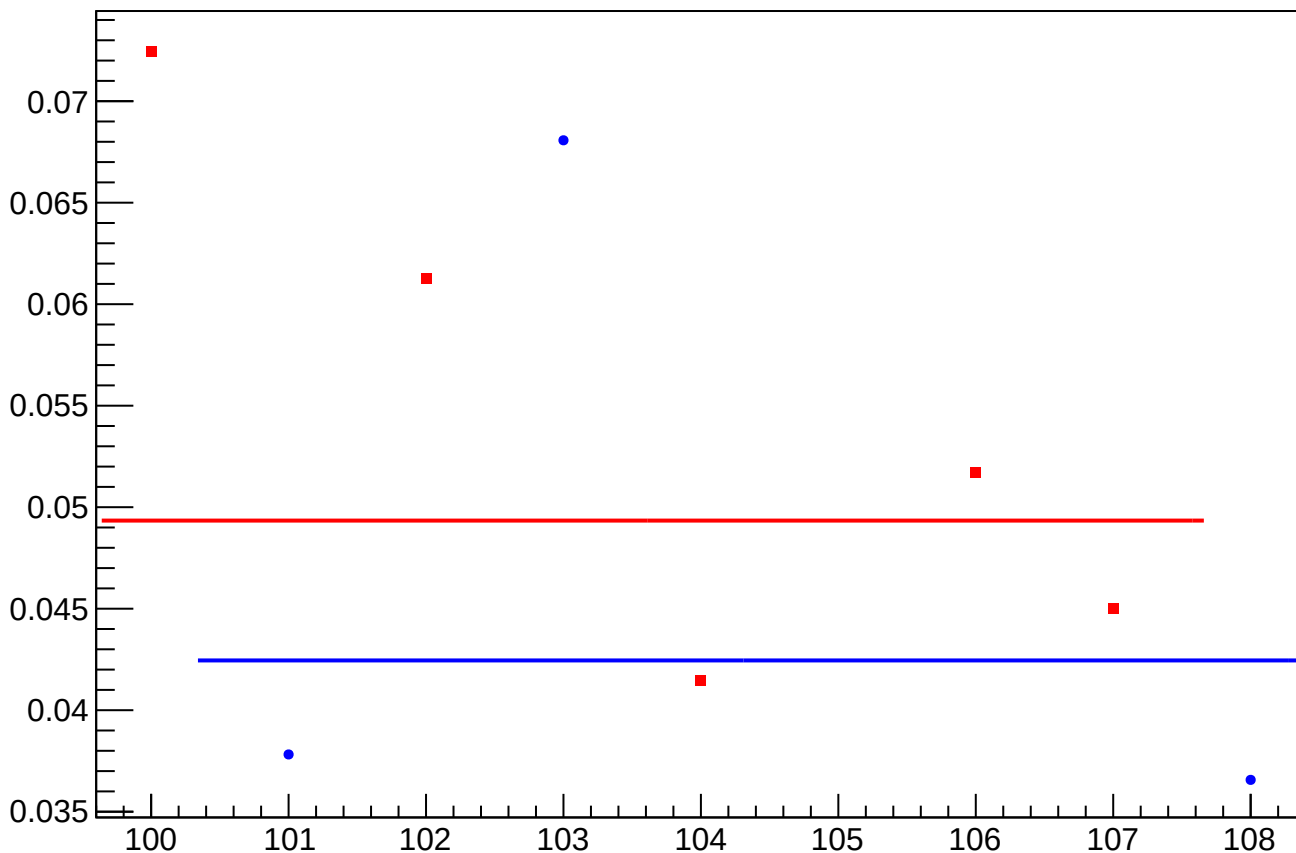
Right: 0.043+/-0.000 χ^2/NDF : 86595115.1/7

In: 0.039+/-0.000 χ^2/NDF : 47236441.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.043+/-0.000 χ^2/NDF : 86595115.1/7

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.042+/-0.000 χ^2/NDF : 196449.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.049+/-0.000 χ^2/NDF : 92233.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

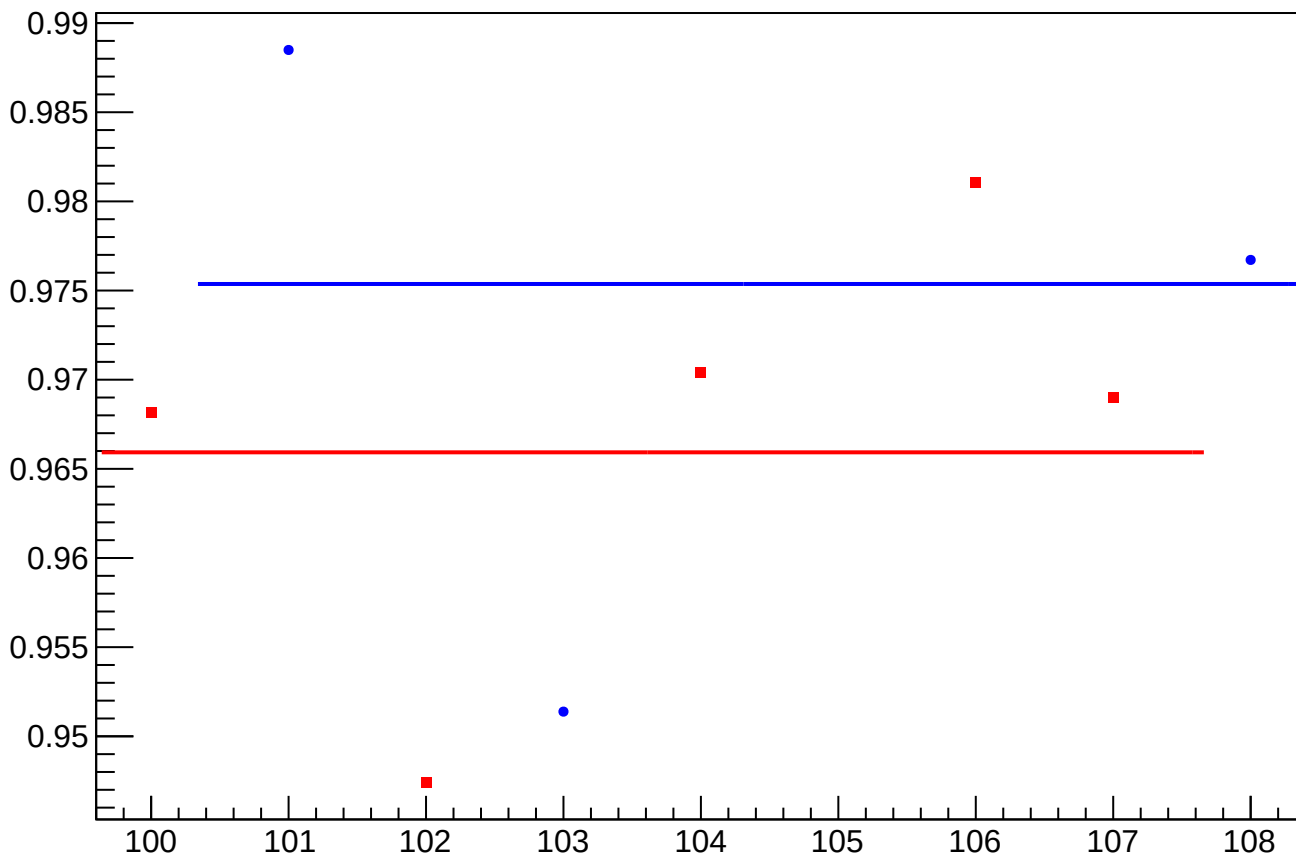
Right: 0.046+/-0.000 χ^2/NDF : 320214.3/7

In: 0.042+/-0.000 χ^2/NDF : 196449.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.046+/-0.000 χ^2/NDF : 320214.3/7

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.975+/-0.000 χ^2/NDF : 1877026.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.966+/-0.000 χ^2/NDF : 1232374.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

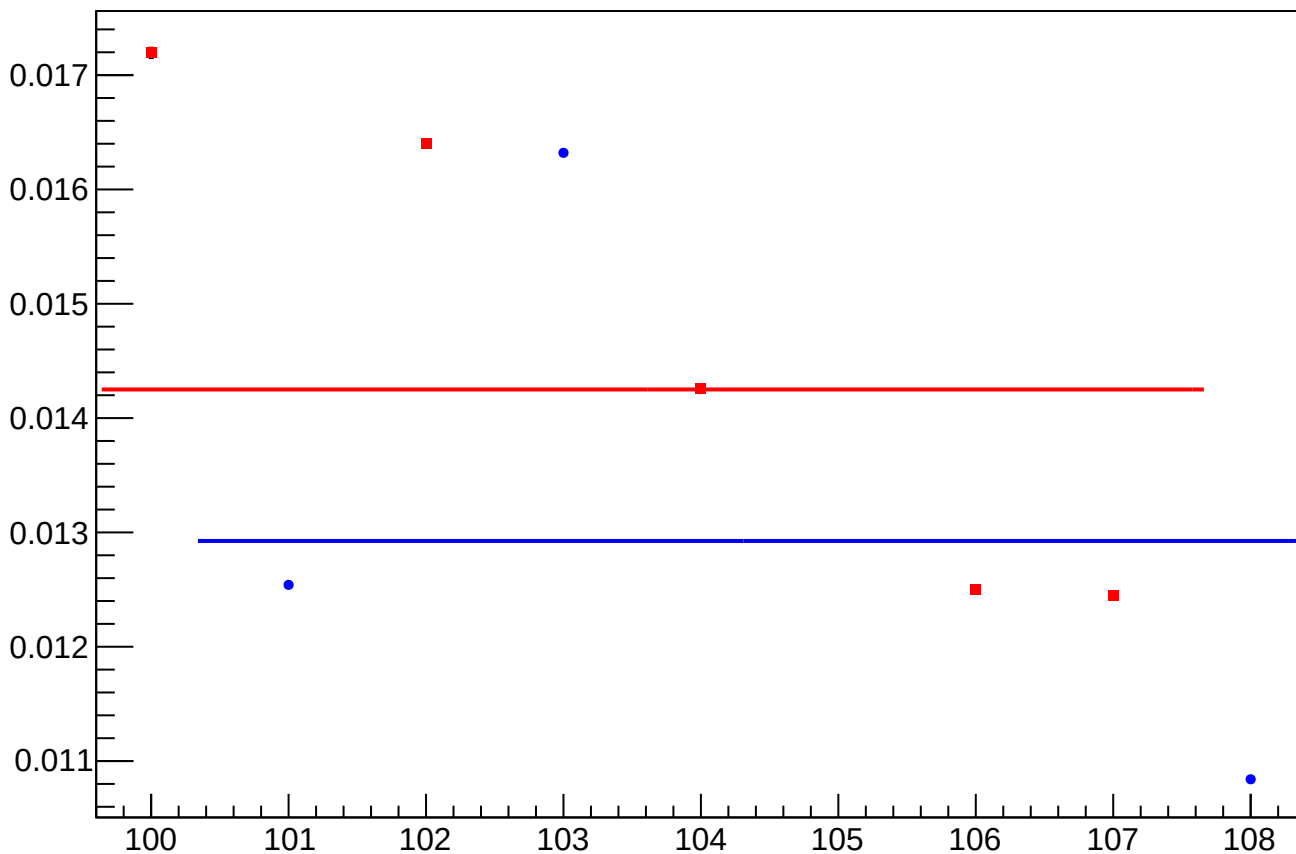
Right: 0.971+/-0.000 χ^2/NDF : 3480328.4/7

In: 0.975+/-0.000 χ^2/NDF : 1877026.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.971+/-0.000 χ^2/NDF : 3480328.4/7

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 75602.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 44883.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

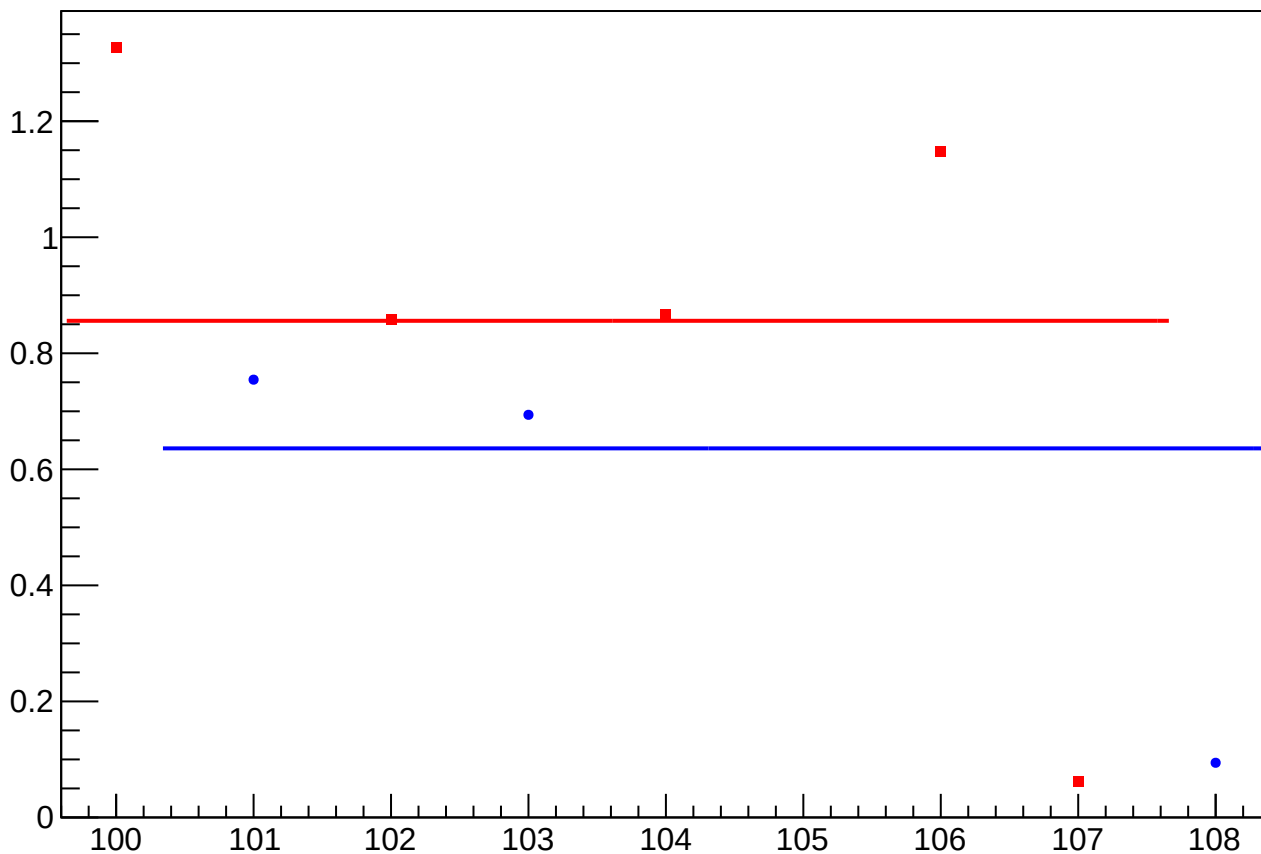
Right: 0.014+/-0.000 χ^2/NDF : 135103.9/7

In: 0.013+/-0.000 χ^2/NDF : 75602.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 135103.9/7

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.636+/-0.000 χ^2/NDF : 66749600.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.856+/-0.000 χ^2/NDF : 56409726.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

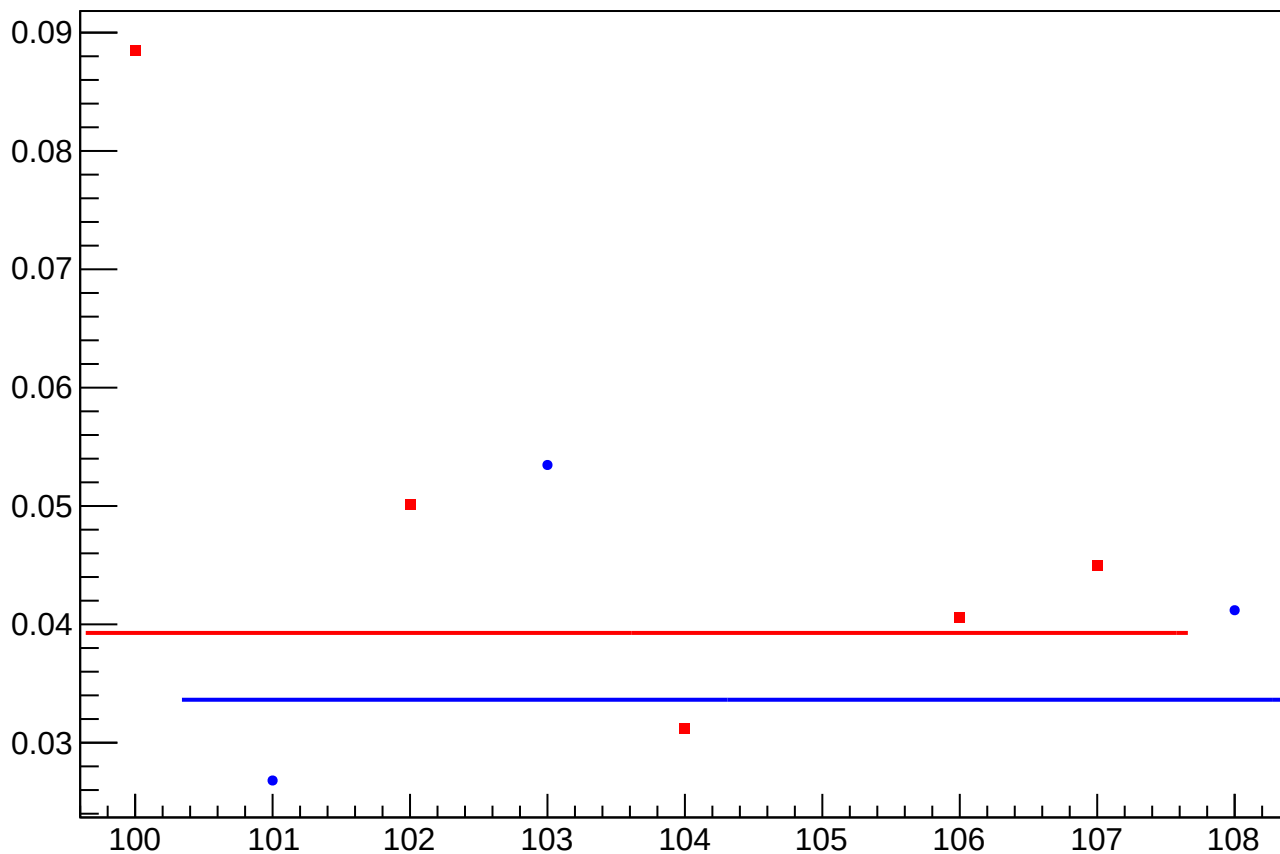
Right: 0.730+/-0.000 χ^2/NDF : 146983521.0/7

In: 0.636+/-0.000 χ^2/NDF : 66749600.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.730+/-0.000 χ^2/NDF : 146983521.0/7

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.034+/-0.000 χ^2/NDF : 244535.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.039+/-0.000 χ^2/NDF : 151043.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

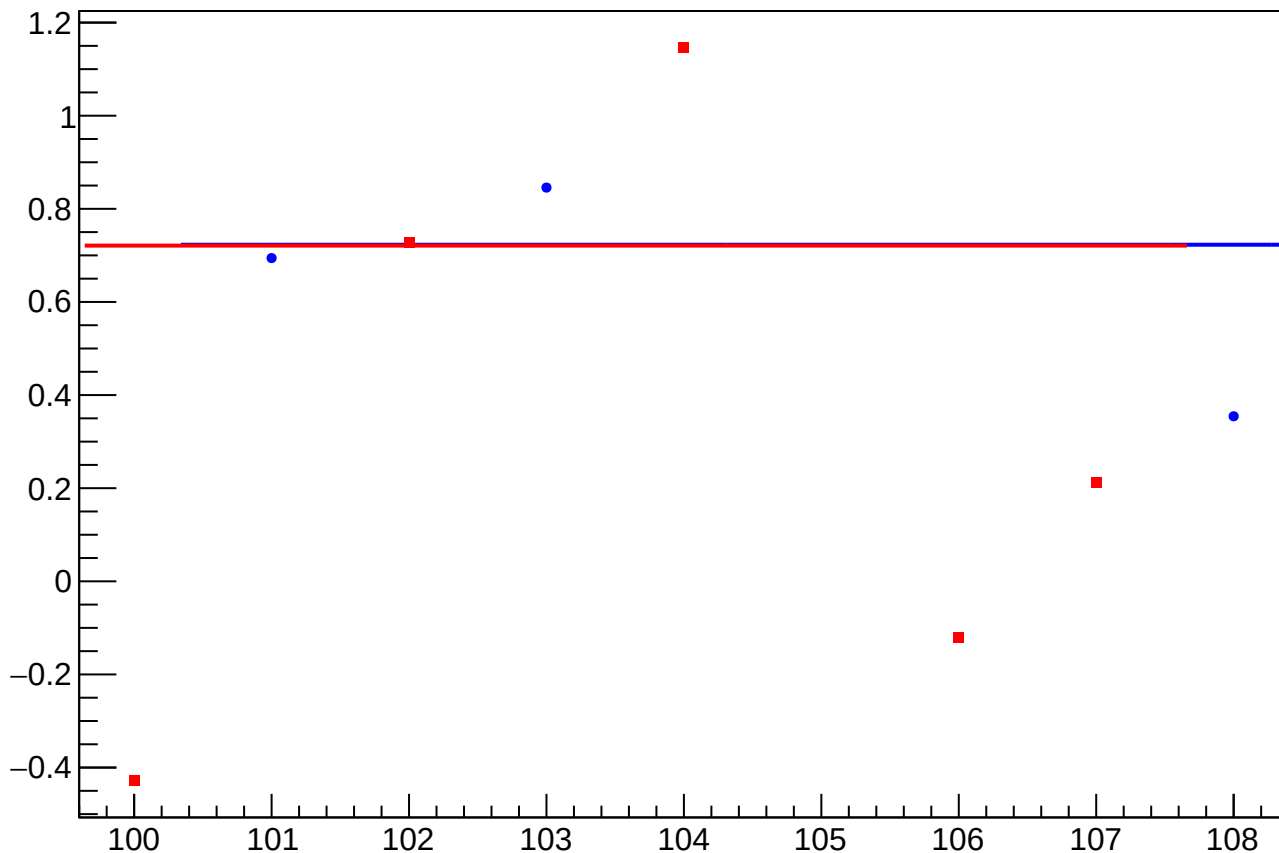
Right: 0.036+/-0.000 χ^2/NDF : 427002.6/7

In: 0.034+/-0.000 χ^2/NDF : 244535.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.036+/-0.000 χ^2/NDF : 427002.6/7

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.723+/-0.000 χ^2/NDF : 63190082.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.721+/-0.000 χ^2/NDF : 570212611.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

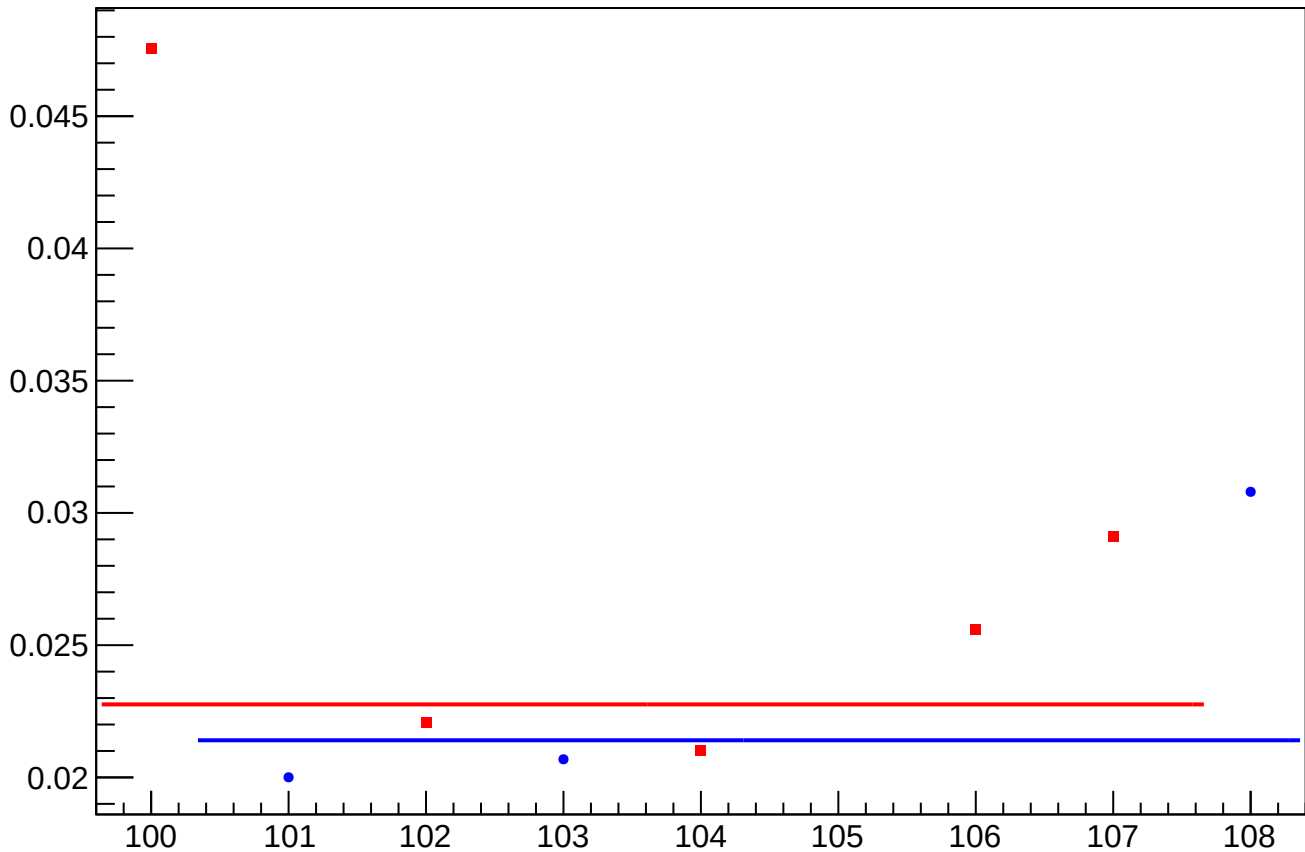
Right: 0.722+/-0.000 χ^2/NDF : 633407881.2/7

In: 0.723+/-0.000 χ^2/NDF : 63190082.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.722+/-0.000 χ^2/NDF : 633407881.2/7

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.021+/-0.000 χ^2/NDF : 62513.0/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.023+/-0.000 χ^2/NDF : 56013.8/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

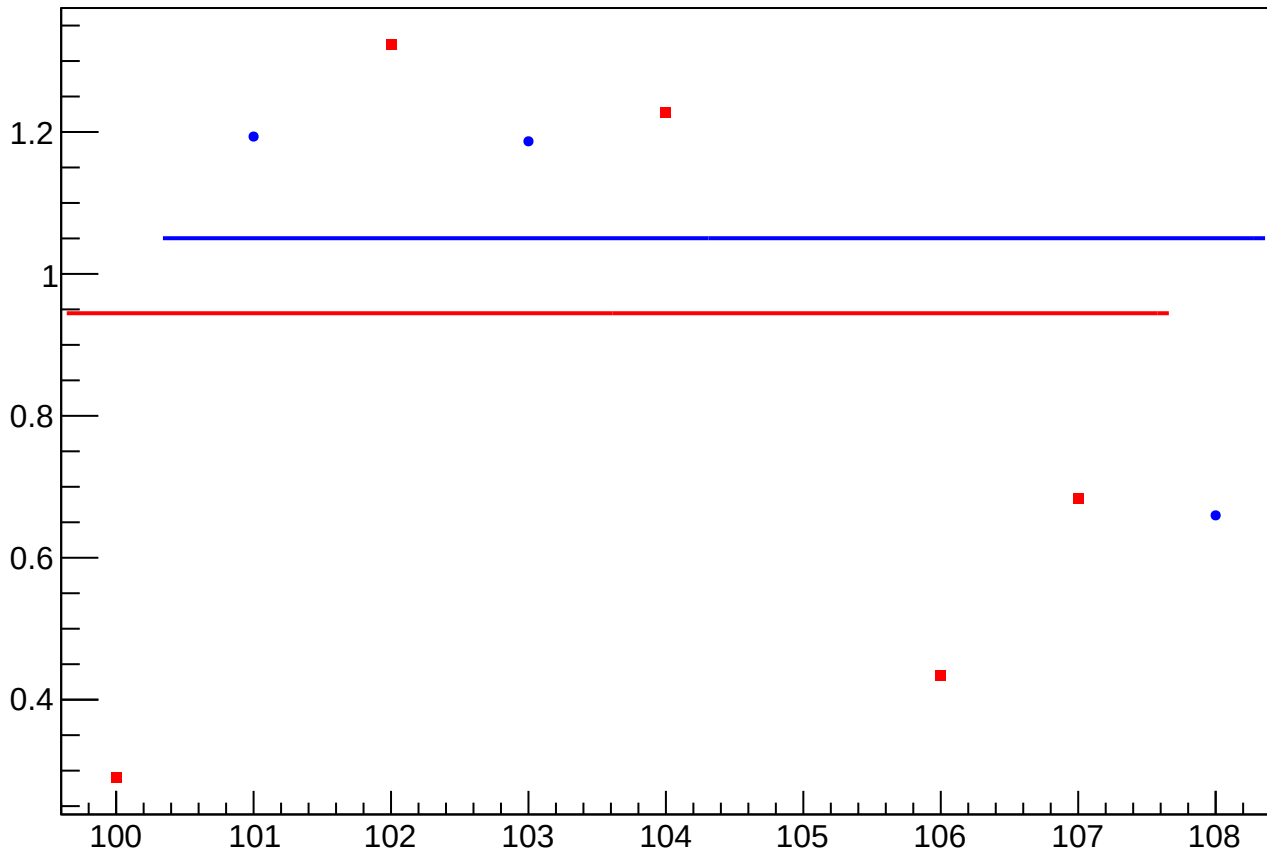
Right: 0.022+/-0.000 χ^2/NDF : 123999.8/7

In: 0.021+/-0.000 χ^2/NDF :62513.0/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.022+/-0.000 χ^2/NDF : 123999.8/7

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 1.050+/-0.000 χ^2/NDF : 200616166.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.945+/-0.000 χ^2/NDF : 439737925.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

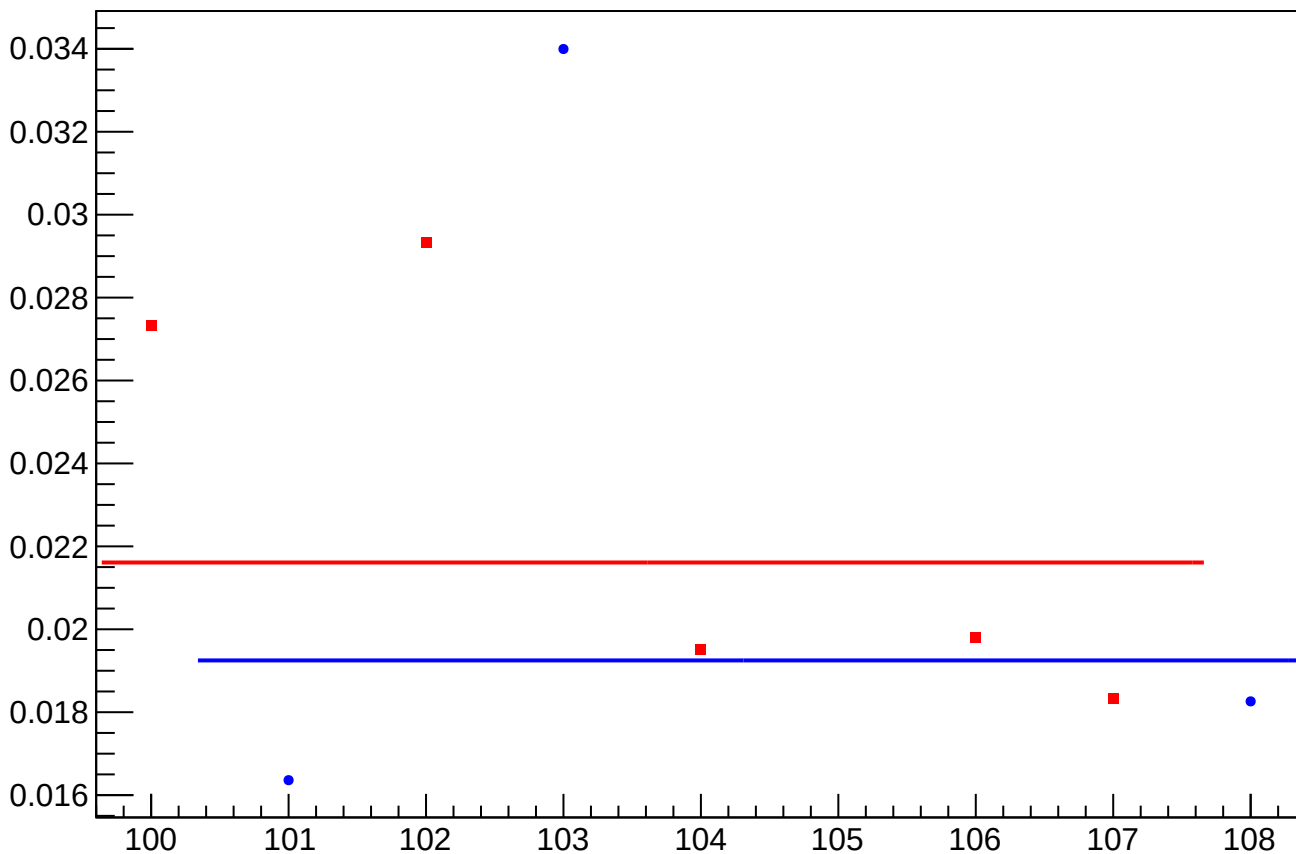
Right: 1.001+/-0.000 χ^2/NDF : 659093851.9/7

In: 1.050+/-0.000 χ^2/NDF : 200616166.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.001+/-0.000 χ^2/NDF : 659093851.9/7

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 250381.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.022+/-0.000 χ^2/NDF : 109939.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

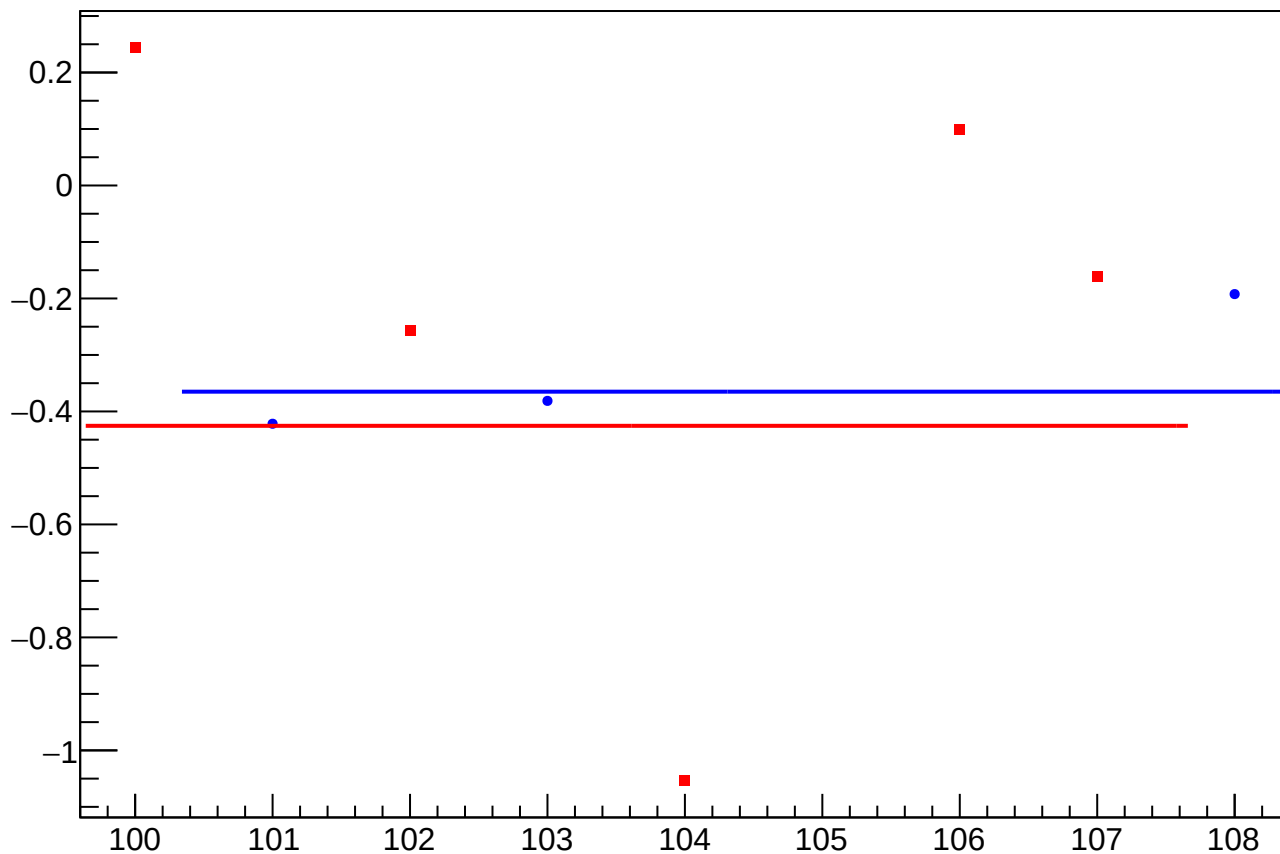
Right: 0.020+/-0.000 χ^2/NDF : 379035.2/7

In: 0.019+/-0.000 χ^2/NDF : 250381.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.000 χ^2/NDF : 379035.2/7

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.365+/-0.000 χ^2/NDF : 24483860.7/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.425+/-0.000 χ^2/NDF : 1113258091.3/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

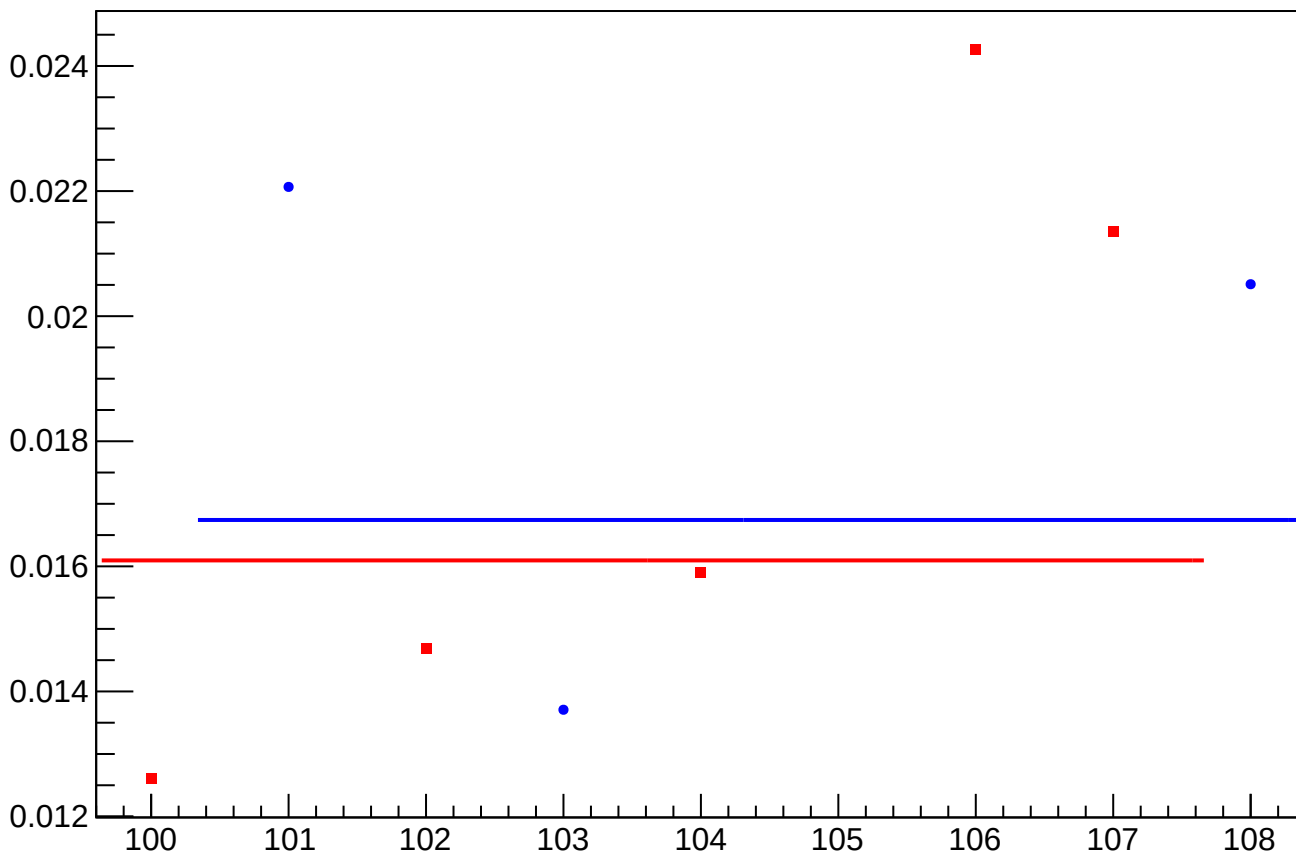
Right: -0.398+/-0.000 χ^2/NDF : 1147178509.9/7

In: -0.365+/-0.000 χ^2/NDF :24483860.7/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.398+/-0.000 χ^2/NDF : 1147178509.9/7

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 140134.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 103698.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

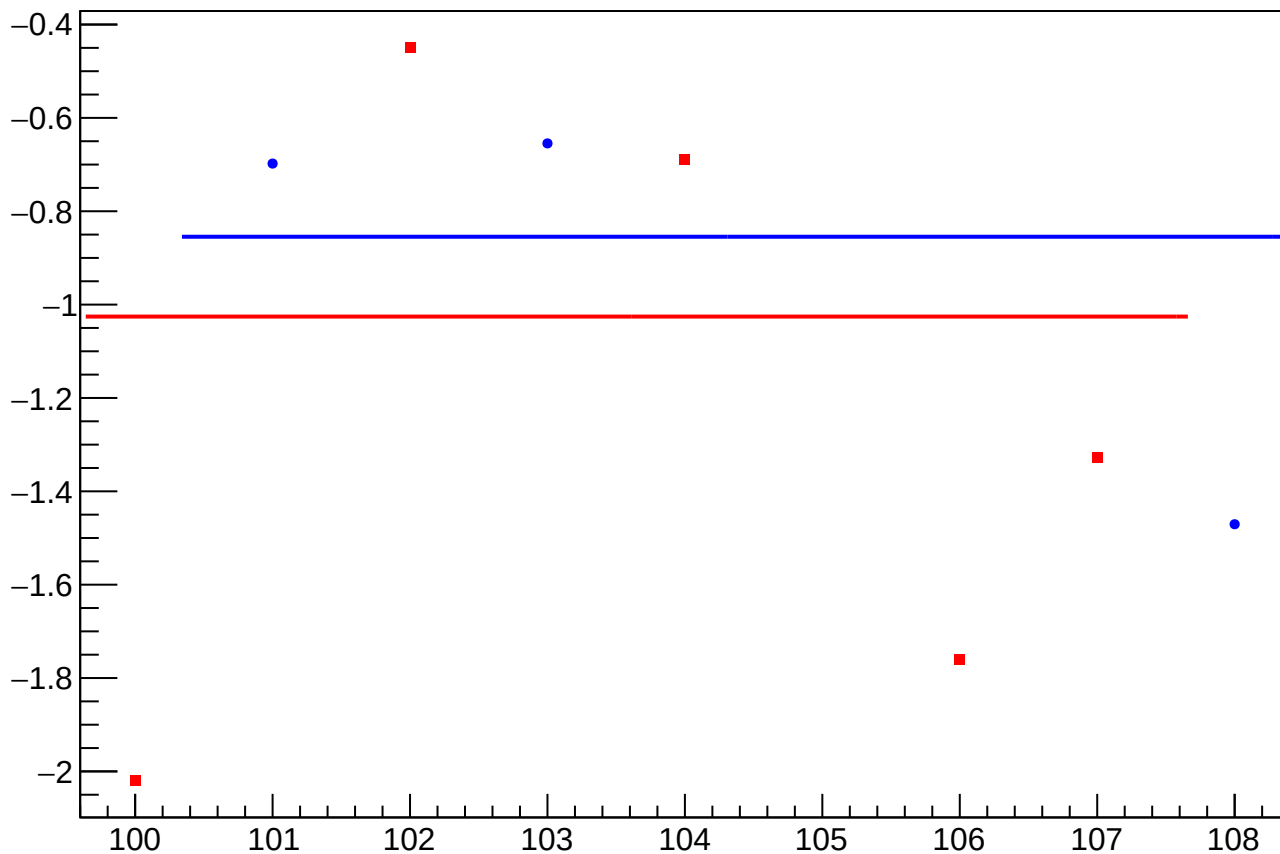
Right: 0.016+/-0.000 χ^2/NDF : 245991.3/7

In: 0.017+/-0.000 χ^2/NDF : 140134.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 245991.3/7

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.855+/-0.000 χ^2/NDF : 89872142.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.026+/-0.000 χ^2/NDF : 213636416.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

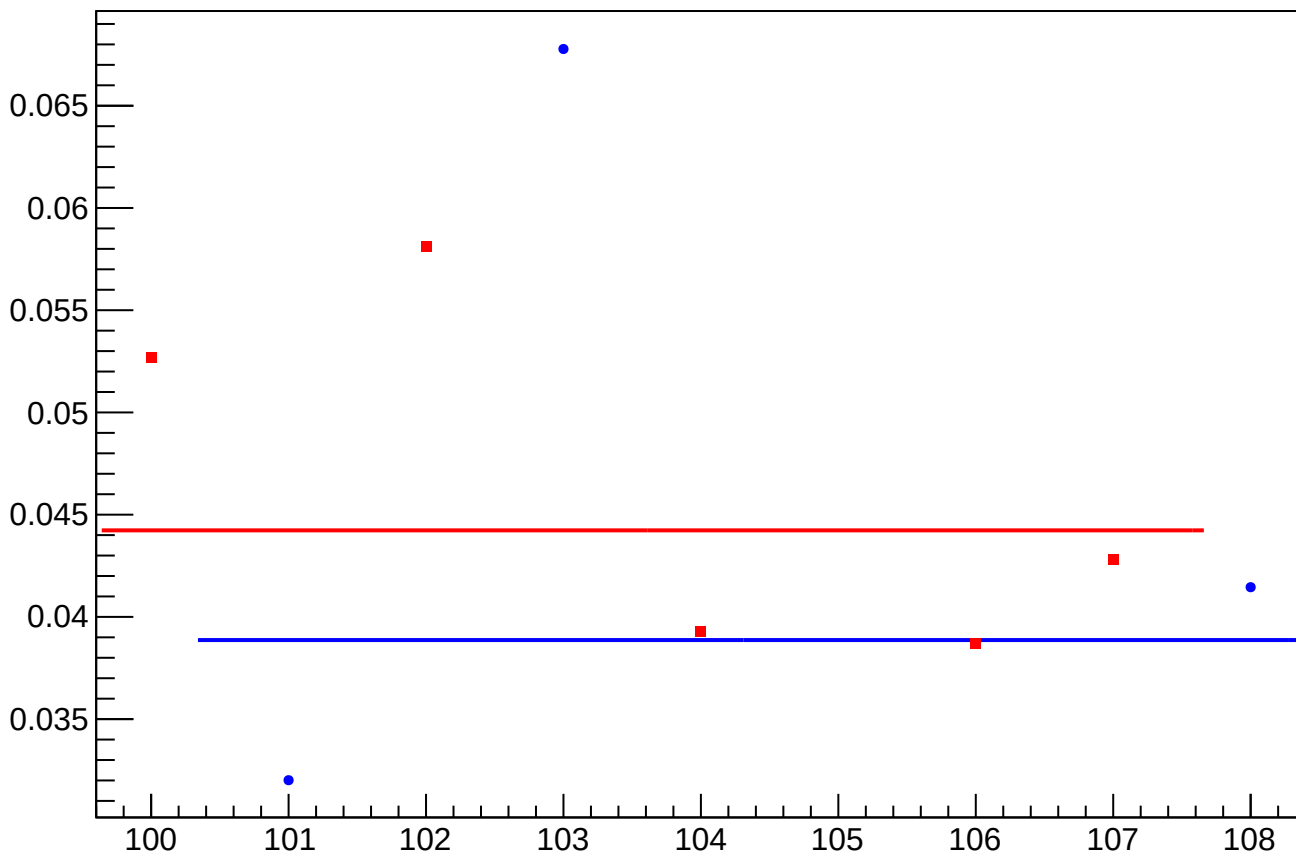
Right: -0.933+/-0.000 χ^2/NDF : 315366207.9/7

In: -0.855+/-0.000 χ^2/NDF : 89872142.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.933+/-0.000 χ^2/NDF : 315366207.9/7

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.039+/-0.000 χ^2/NDF : 258672.3/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.044+/-0.000 χ^2/NDF : 90573.6/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

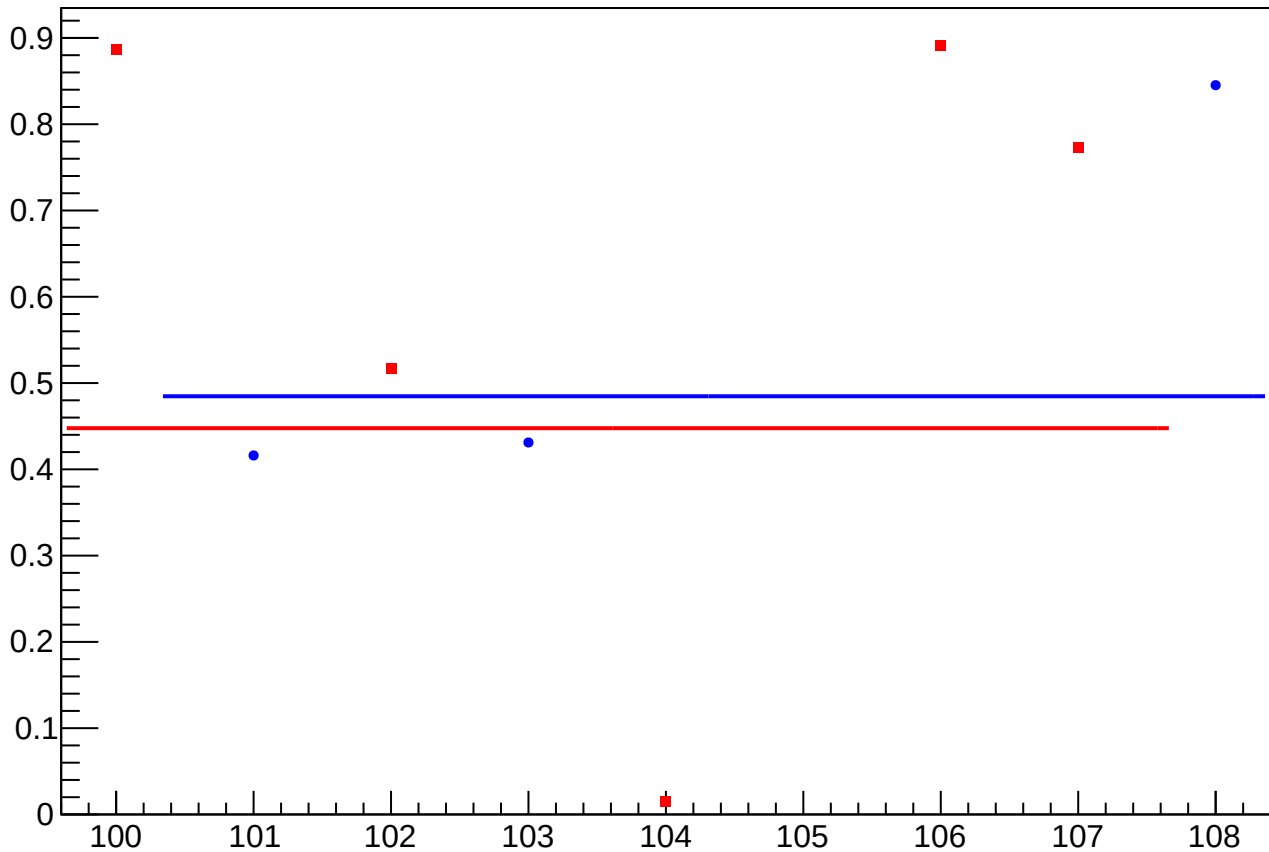
Right: 0.041+/-0.000 χ^2/NDF : 372586.9/7

In: 0.039+/-0.000 χ^2/NDF :258672.3/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.041+/-0.000 χ^2/NDF : 372586.9/7

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.485+/-0.000 χ^2/NDF : 190402726.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.448+/-0.000 χ^2/NDF : 1015576538.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

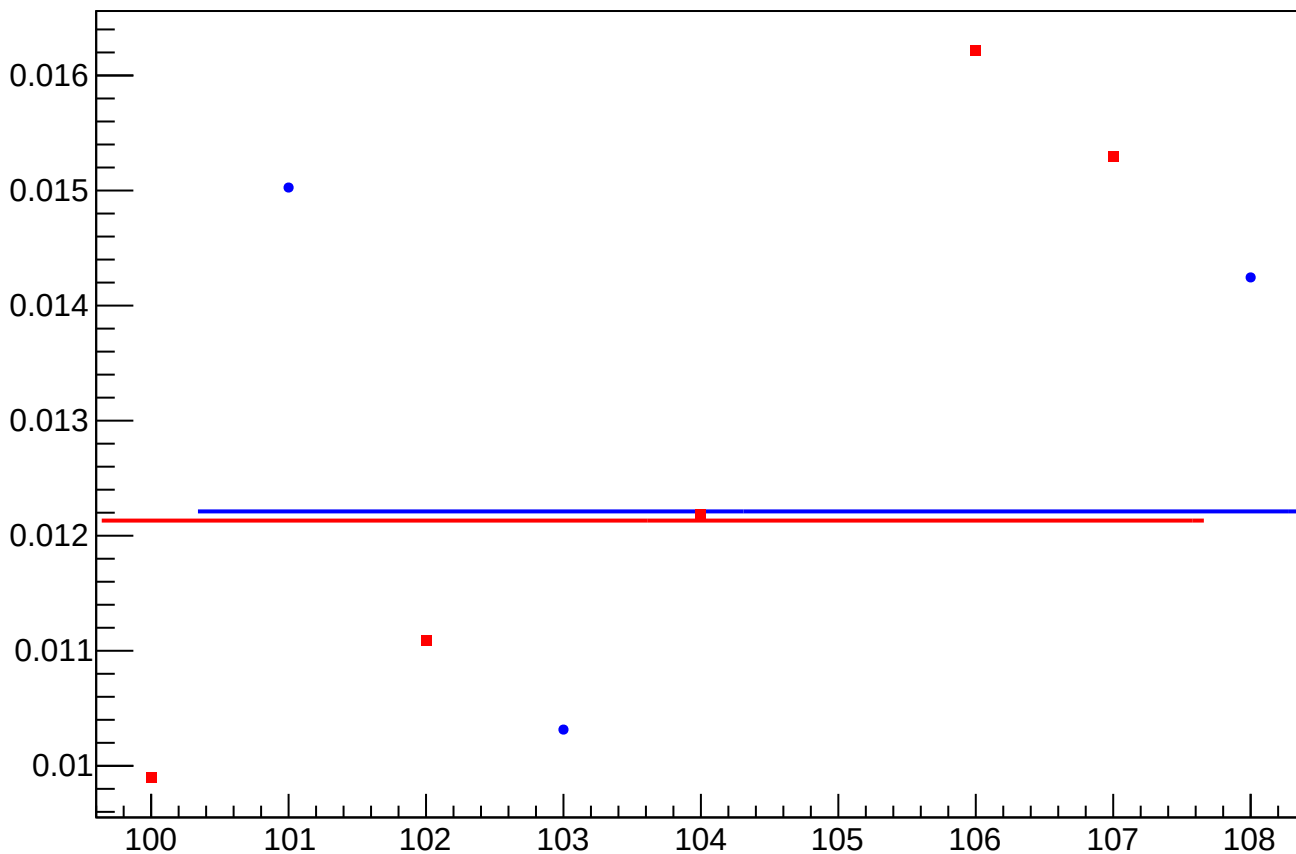
Right: 0.465+/-0.000 χ^2/NDF : 1212524225.6/7

In: 0.485+/-0.000 χ^2/NDF : 190402726.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.465+/-0.000 χ^2/NDF : 1212524225.6/7

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 88324.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 66065.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

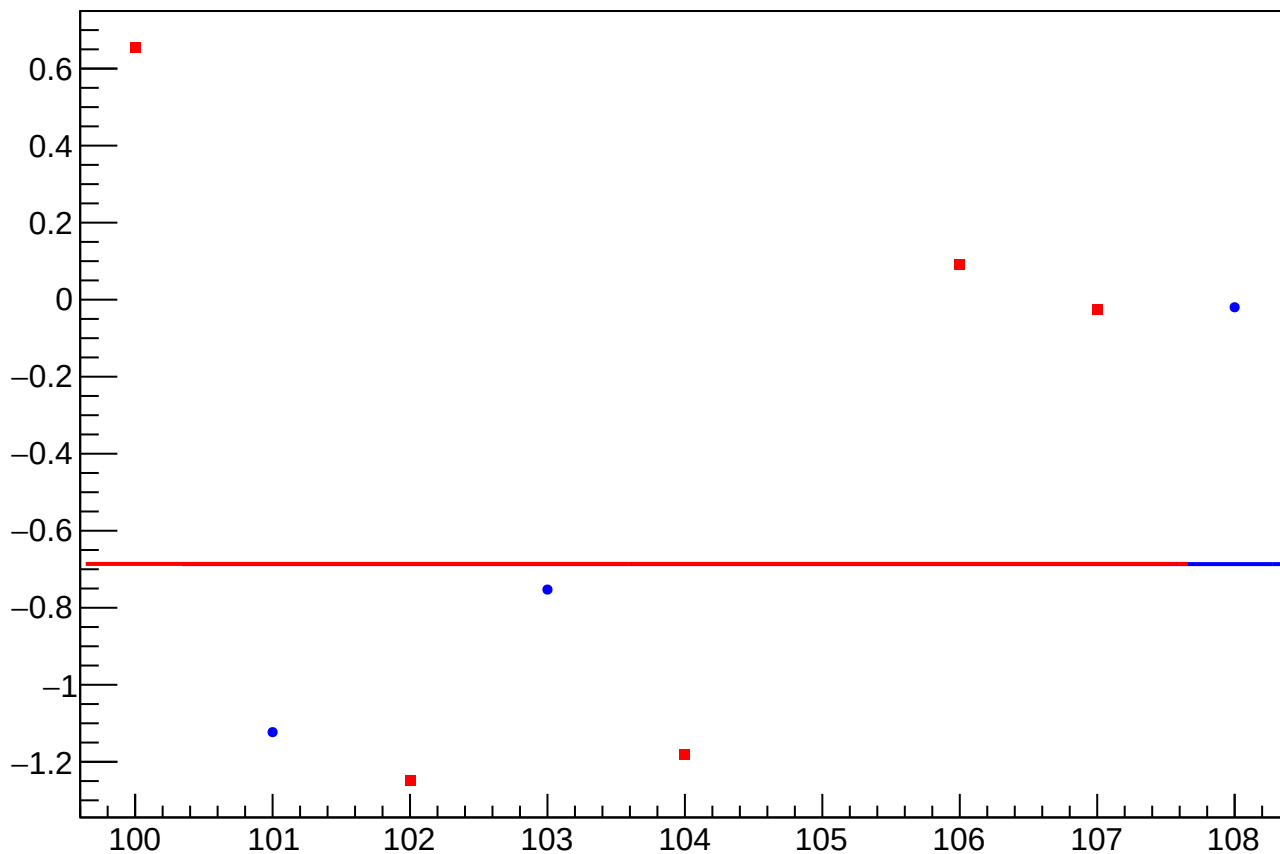
Right: 0.012+/-0.000 χ^2/NDF : 154450.7/7

In: 0.012+/-0.000 χ^2/NDF : 88324.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 154450.7/7

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.687+/-0.000 χ^2/NDF : 270268472.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.686+/-0.000 χ^2/NDF : 289226893.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

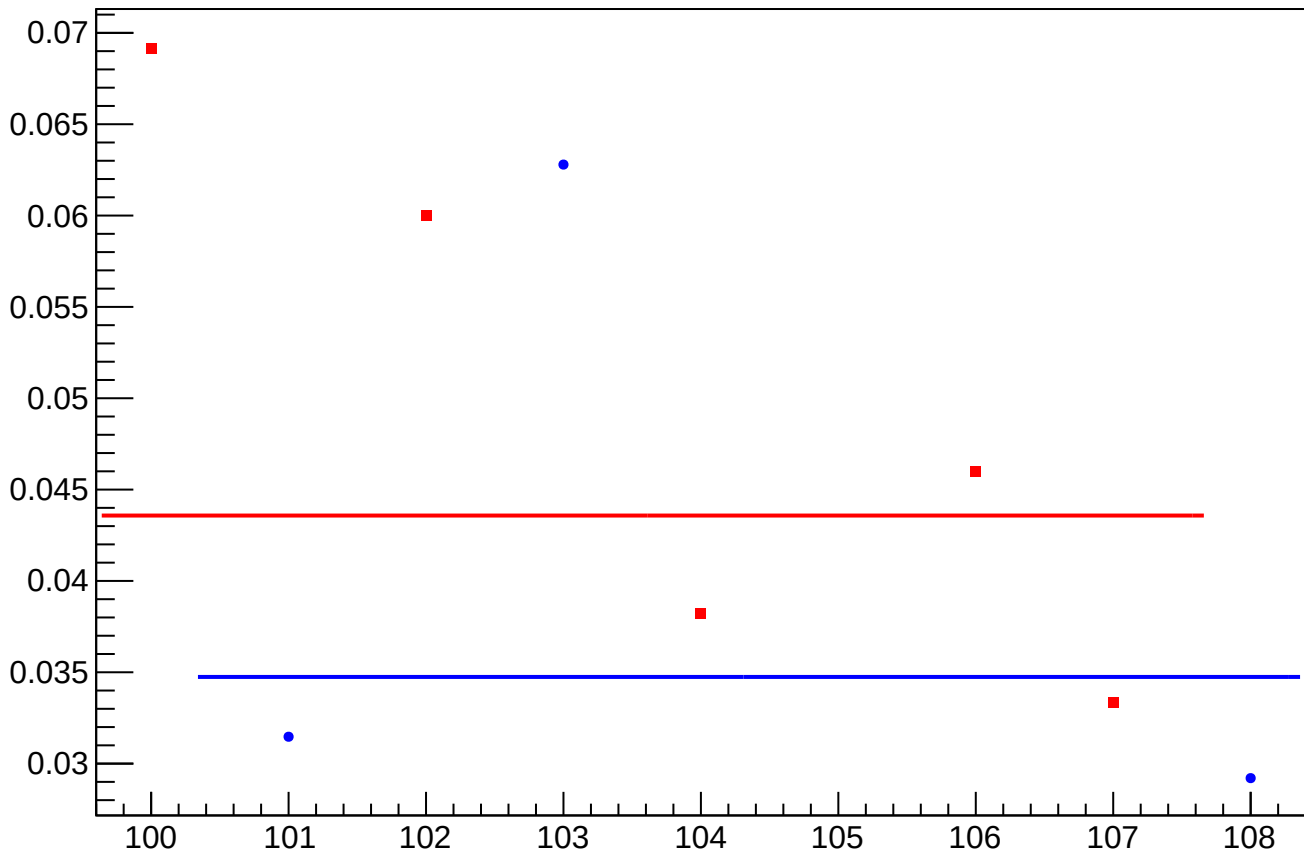
Right: -0.686+/-0.000 χ^2/NDF : 559495473.2/7

In: -0.687+/-0.000 χ^2/NDF : 270268472.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.686+/-0.000 χ^2/NDF : 559495473.2/7

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.035+/-0.000 χ^2/NDF : 250680.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.044+/-0.000 χ^2/NDF : 153959.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

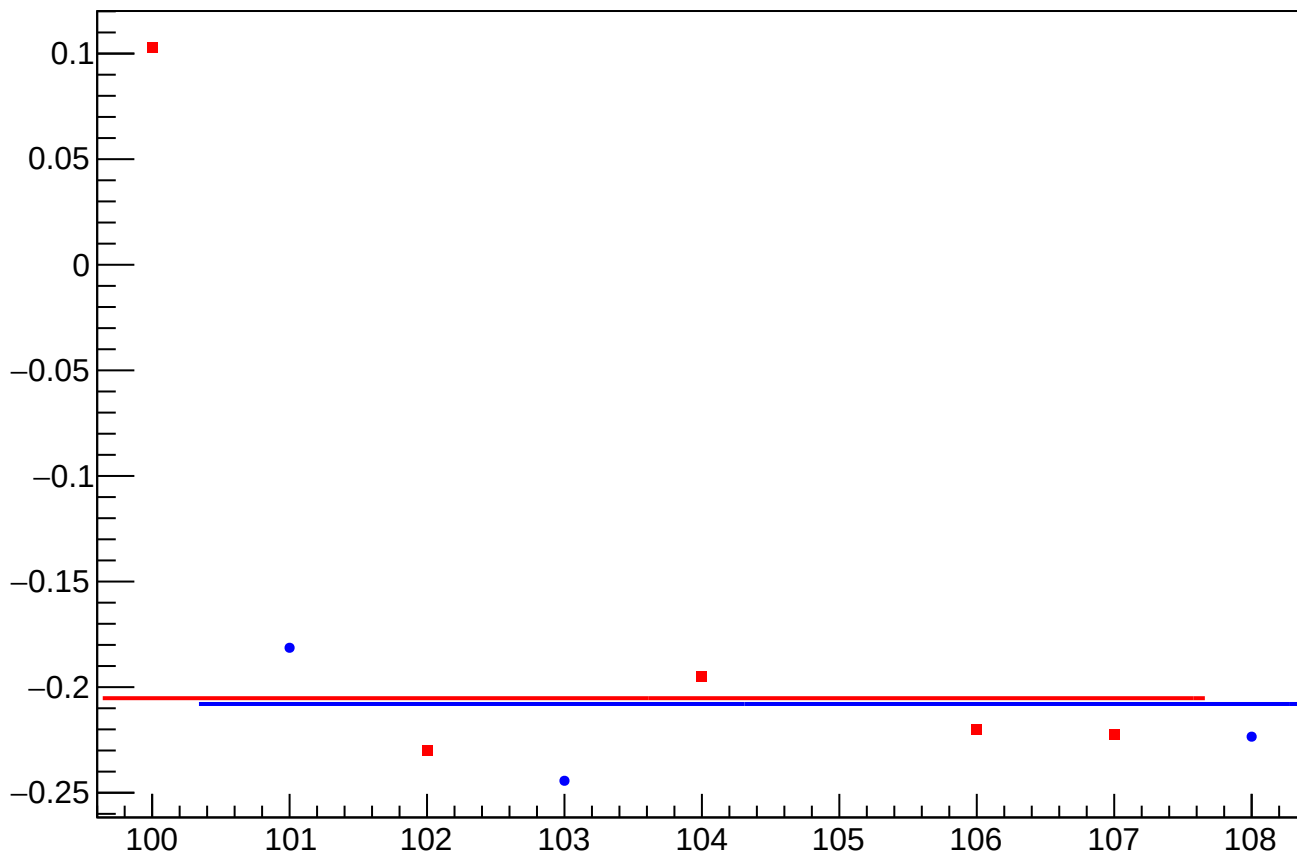
Right: 0.038+/-0.000 χ^2/NDF : 472177.5/7

In: 0.035+/-0.000 χ^2/NDF : 250680.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.038+/-0.000 χ^2/NDF : 472177.5/7

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.208+/-0.000 χ^2/NDF : 35691796.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.205+/-0.000 χ^2/NDF : 139011891.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

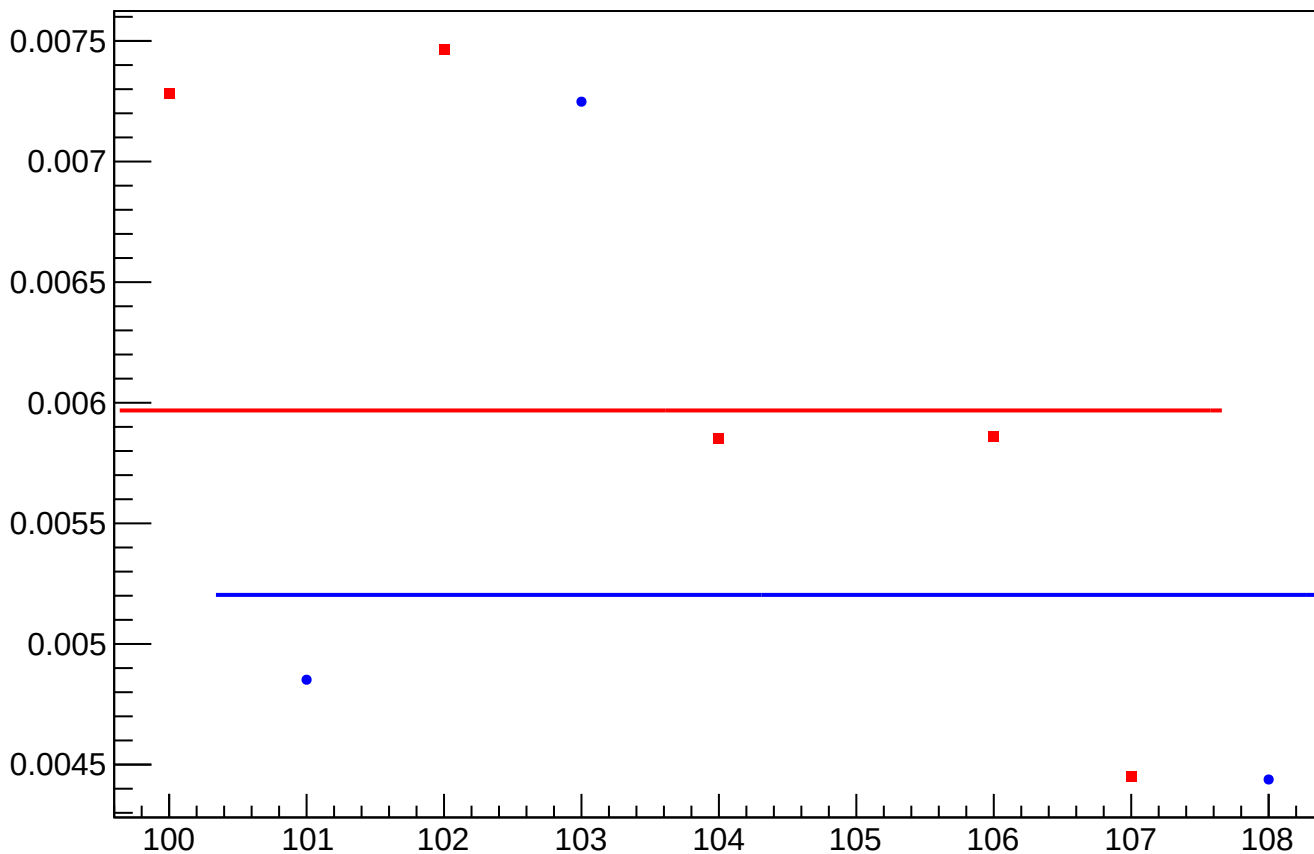
Right: -0.207+/-0.000 χ^2/NDF : 174883012.8/7

In: -0.208+/-0.000 χ^2/NDF : 35691796.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.207+/-0.000 χ^2/NDF : 174883012.8/7

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 115615.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 99486.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

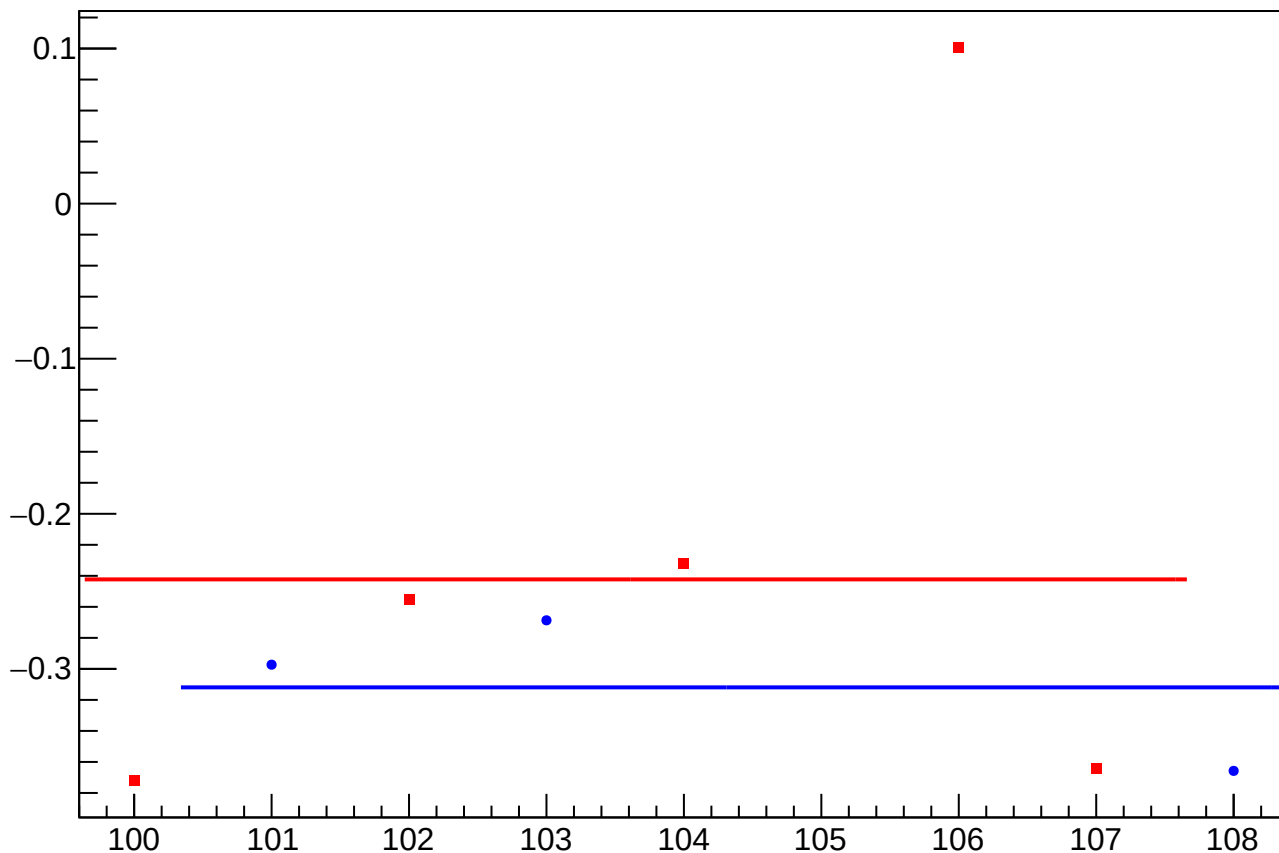
Right: 0.006+/-0.000 χ^2/NDF : 242966.0/7

In: 0.005+/-0.000 χ^2/NDF : 115615.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 242966.0/7

yield_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -0.312 $\pm$ 0.000 χ^2 /NDF: 51525408.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.242 $\pm$ 0.000 χ^2 /NDF: 483565564.9/4

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

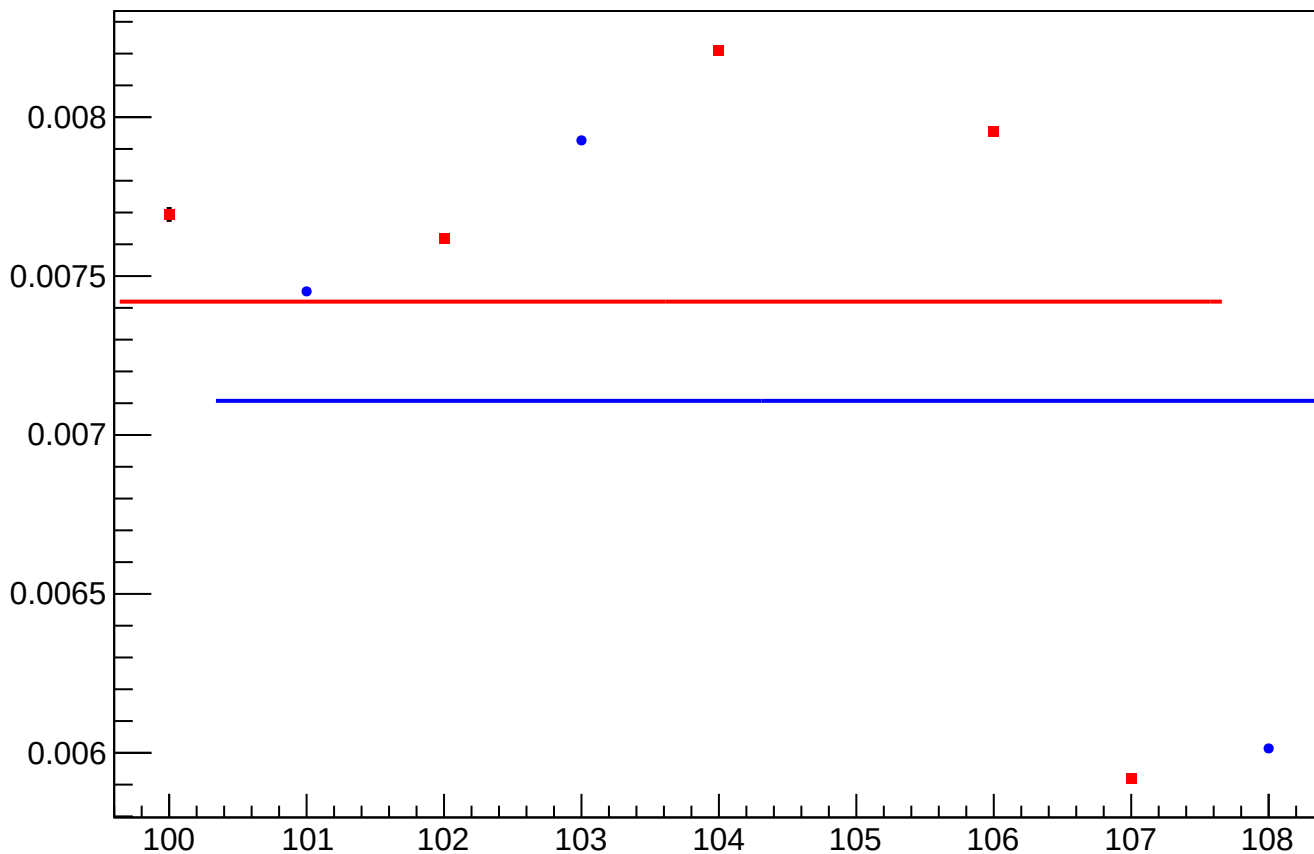
Right: -0.278 $\pm$ 0.000 χ^2 /NDF: 609773723.7/7

In: -0.312 $\pm$ 0.000 χ^2 /NDF:51525408.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.278 $\pm$ 0.000 χ^2 /NDF: 609773723.7/7

yield_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 41337.6/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 42778.4/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

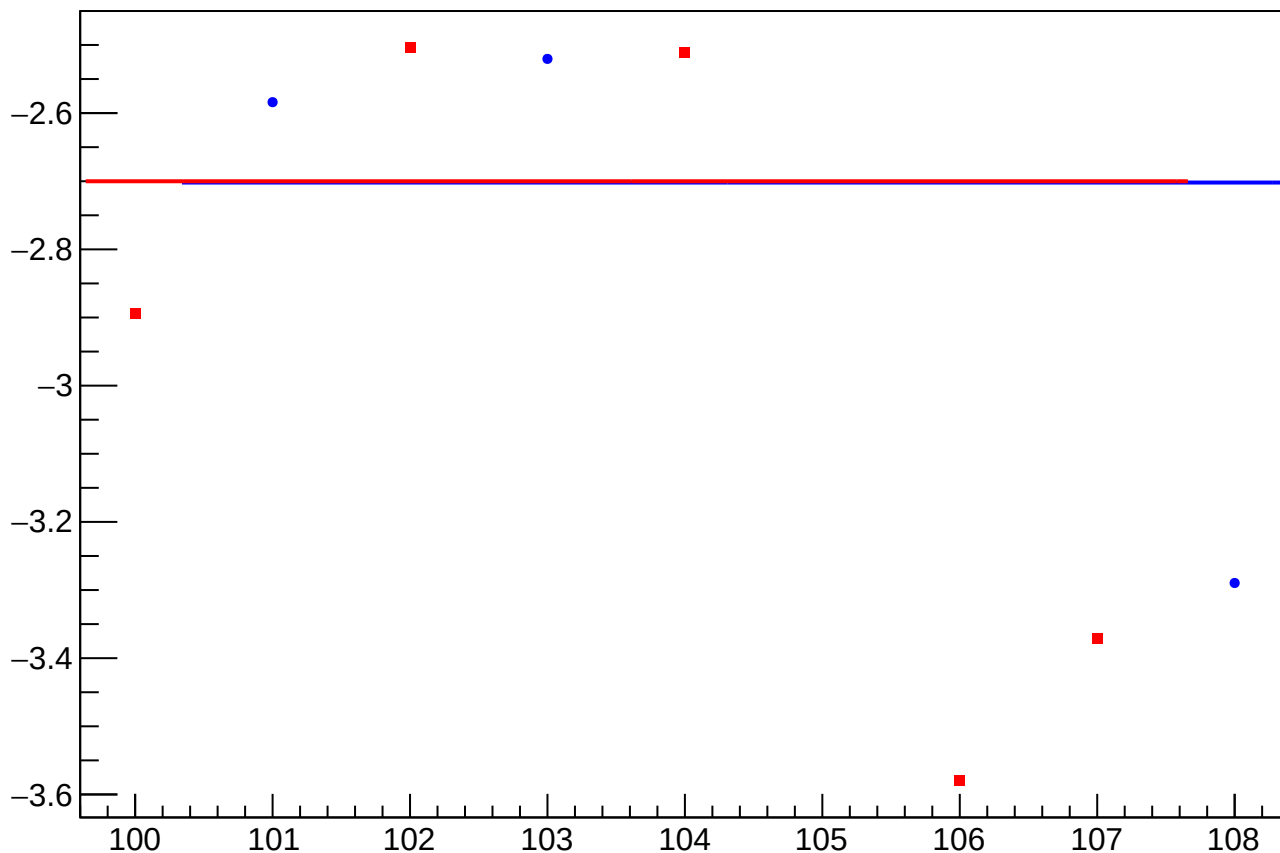
Right: 0.007+/-0.000 χ^2/NDF : 87118.3/7

In: 0.007+/-0.000 χ^2/NDF :41337.6/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 87118.3/7

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -2.702+/-0.000 χ^2/NDF : 2680090376.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.700+/-0.000 χ^2/NDF : 3771684557.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

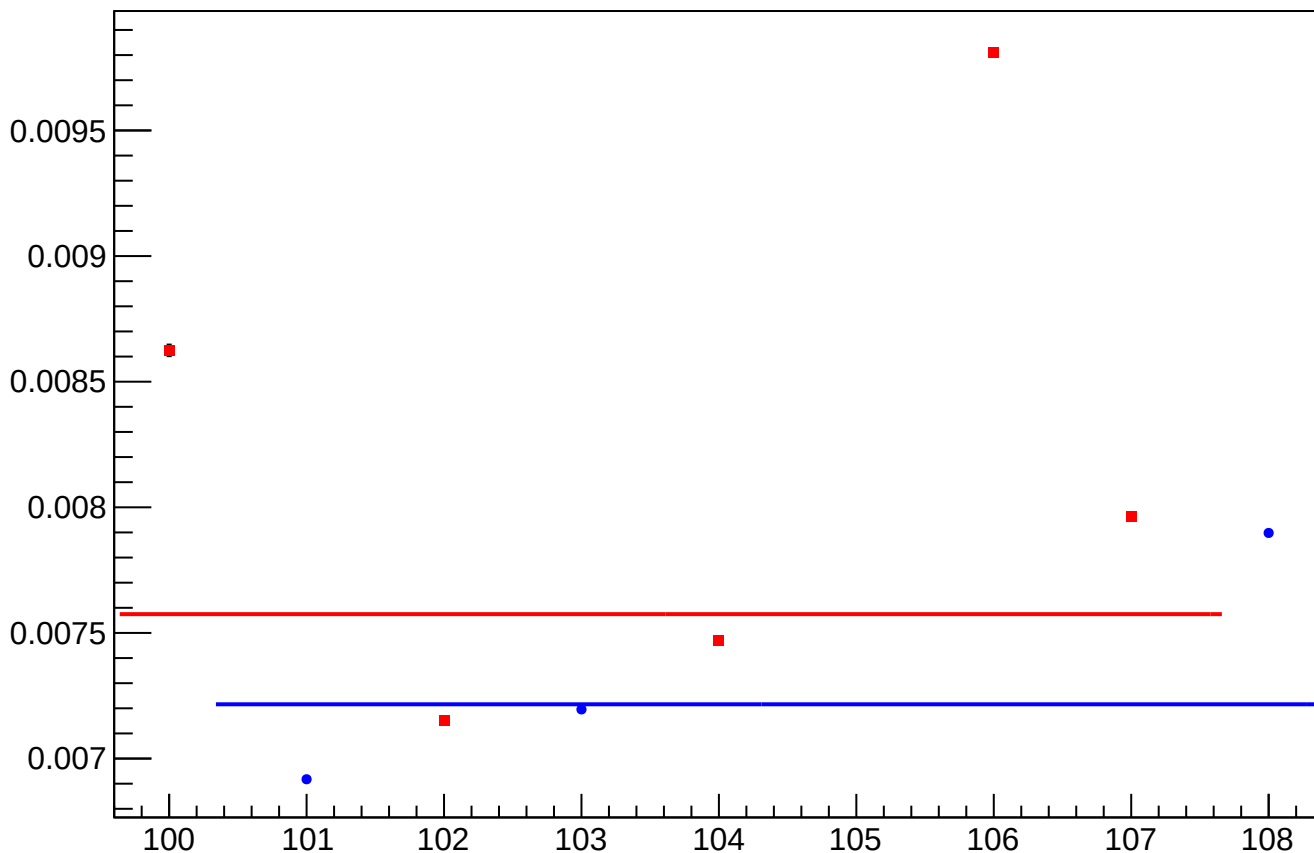
Right: -2.701+/-0.000 χ^2/NDF : 6451826321.9/7

In: -2.702+/-0.000 χ^2/NDF : 2680090376.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.701+/-0.000 χ^2/NDF : 6451826321.9/7

yield_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 8095.0/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 24396.8/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

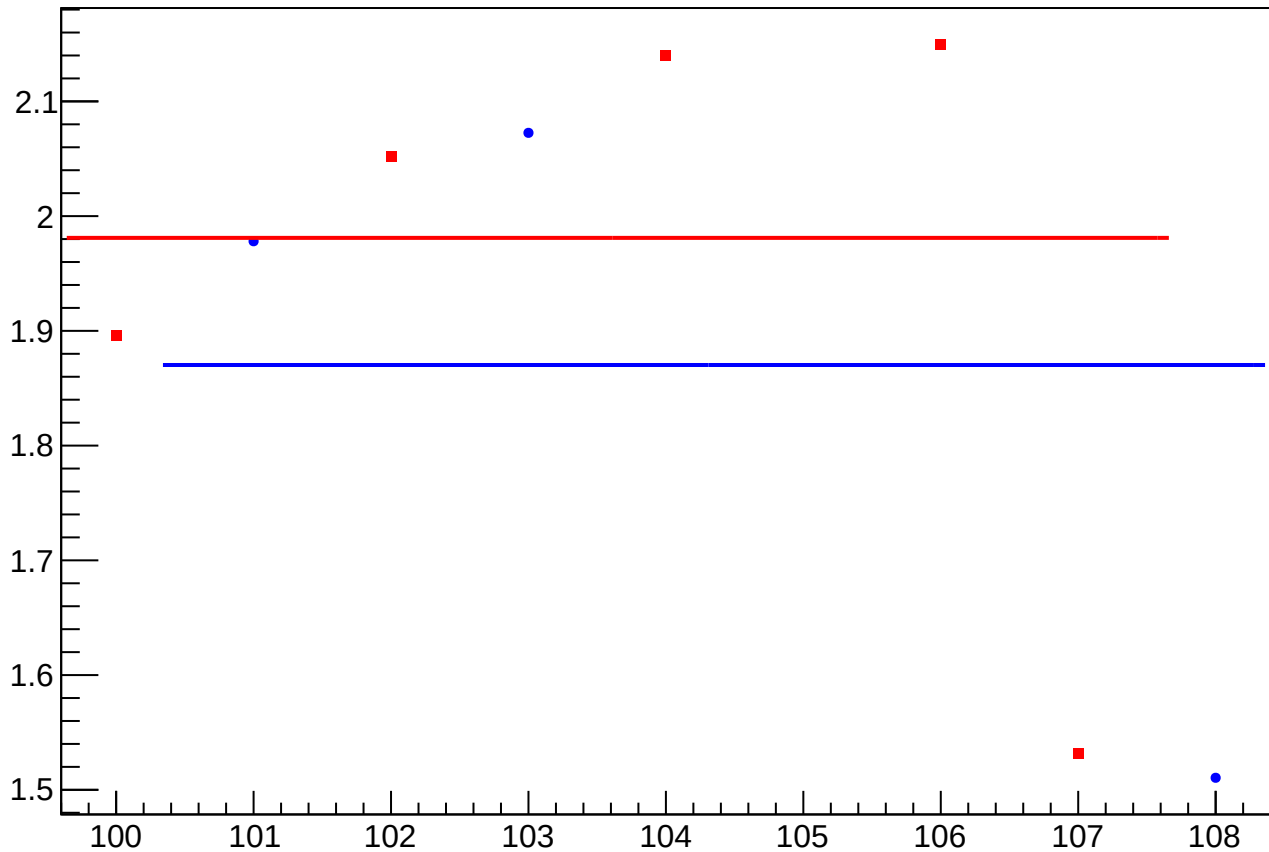
Right: 0.007+/-0.000 χ^2/NDF : 36234.9/7

In: 0.007+/-0.000 χ^2/NDF :8095.0/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 36234.9/7

yield_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: 1.870+/-0.000 χ^2/NDF : 570784989.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.981+/-0.000 χ^2/NDF : 500958614.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

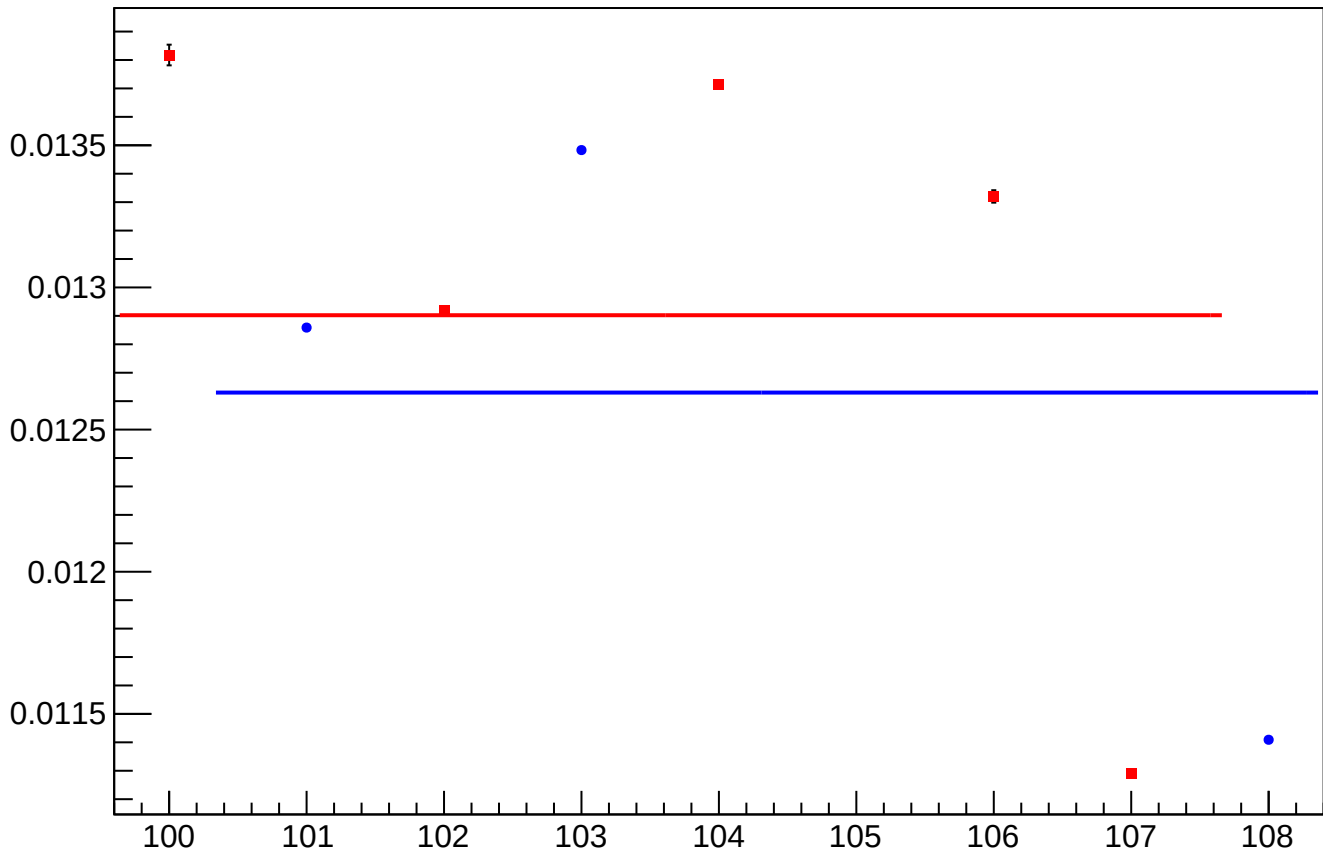
Right: 1.925+/-0.000 χ^2/NDF : 1133411226.6/7

In: 1.870+/-0.000 χ^2/NDF : 570784989.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.925+/-0.000 χ^2/NDF : 1133411226.6/7

yield_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 14180.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 14347.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

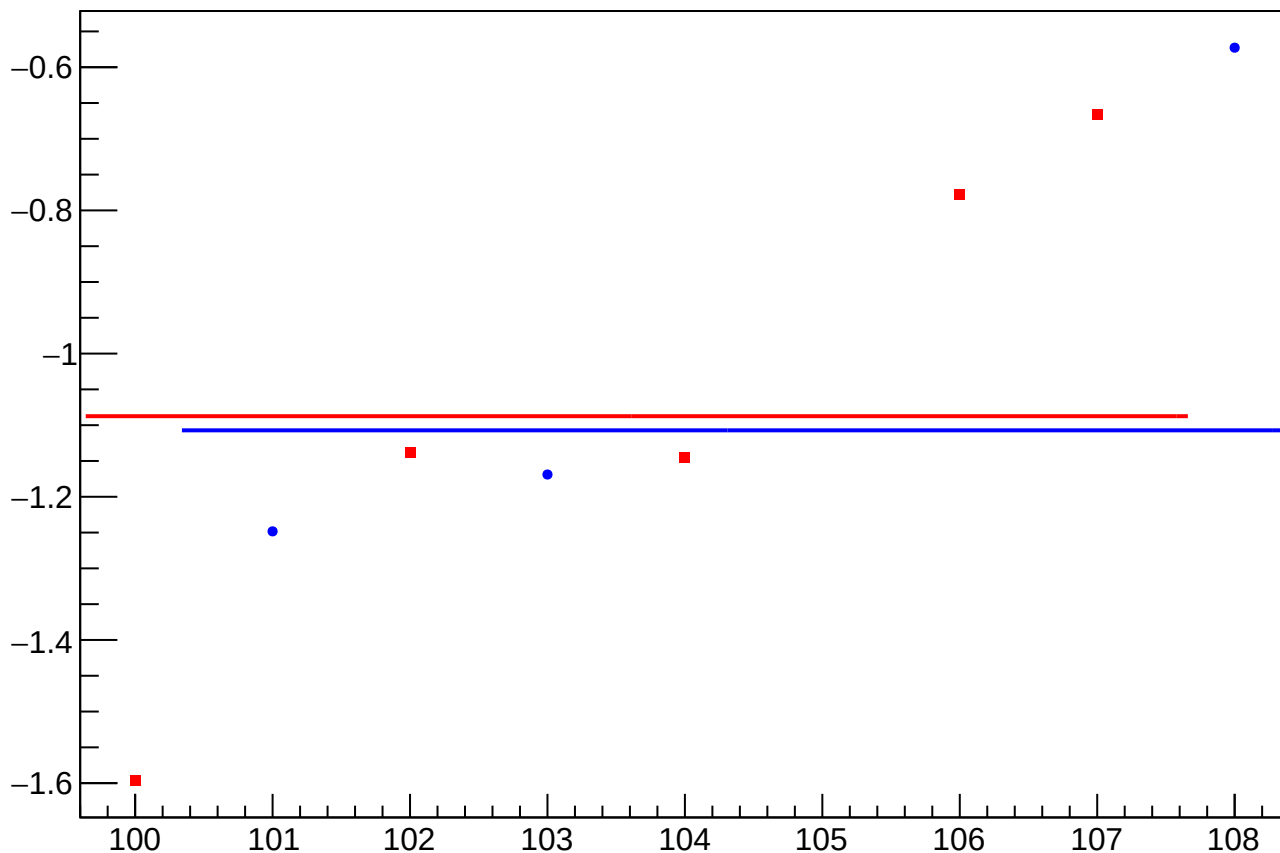
Right: 0.013+/-0.000 χ^2/NDF : 29270.8/7

In: 0.013+/-0.000 χ^2/NDF : 14180.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 29270.8/7

yield_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -1.107+/-0.000 χ^2/NDF : 1500412445.4/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.087+/-0.000 χ^2/NDF : 819315760.7/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

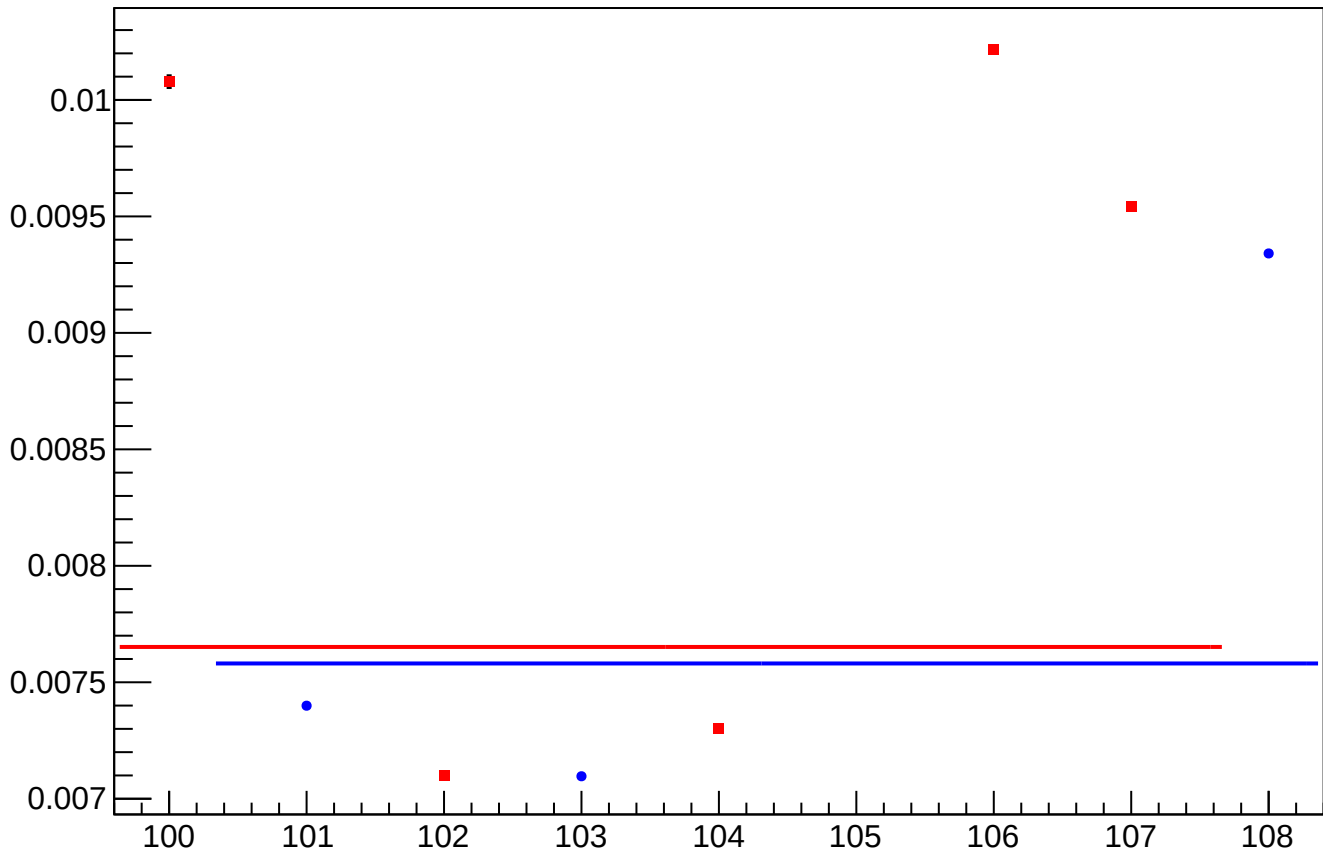
Right: -1.098+/-0.000 χ^2/NDF : 2324913562.3/7

In: -1.107+/-0.000 χ^2/NDF :1500412445.4/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.098+/-0.000 χ^2/NDF : 2324913562.3/7

yield_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 32812.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 53942.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

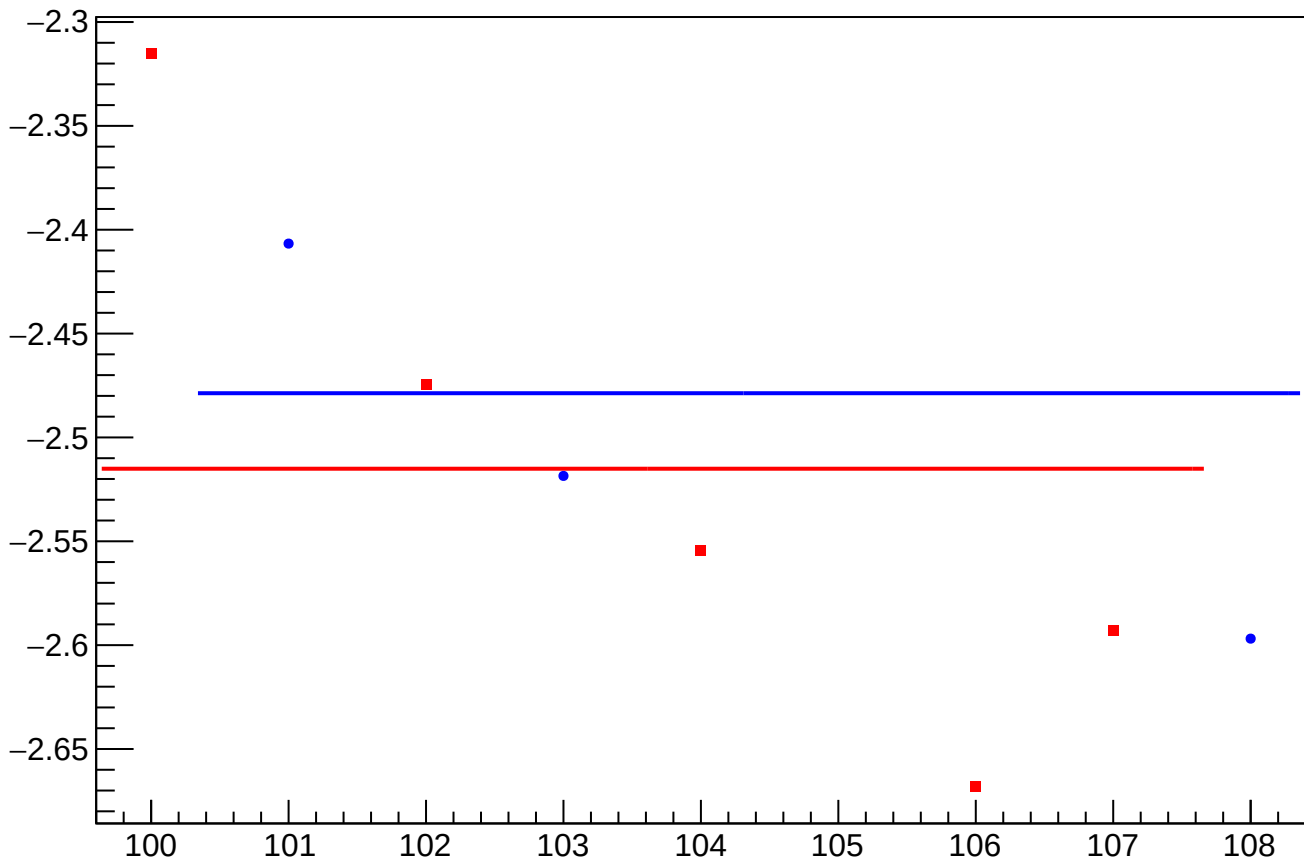
Right: 0.008+/-0.000 χ^2/NDF : 86888.1/7

In: 0.008+/-0.000 χ^2/NDF : 32812.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 86888.1/7

yield_bpm0i05X_mean vs Slug, Sign Corrected



Right In: -2.479+/-0.000 χ^2/NDF : 265292078.3/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.515+/-0.000 χ^2/NDF : 227345957.8/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

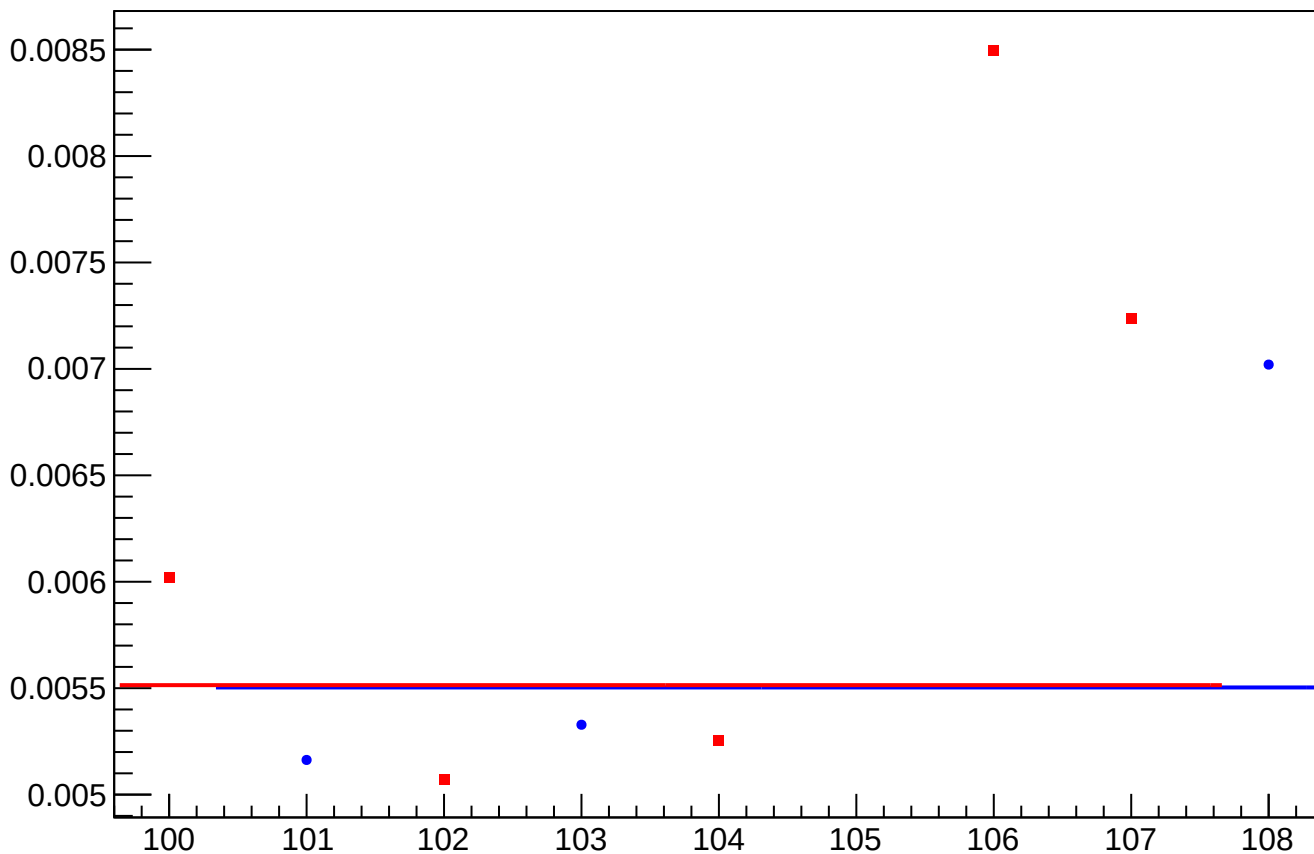
Right: -2.497+/-0.000 χ^2/NDF : 526784436.3/7

In: -2.479+/-0.000 χ^2/NDF :265292078.3/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.497+/-0.000 χ^2/NDF : 526784436.3/7

yield_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 42510.4/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 80999.1/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

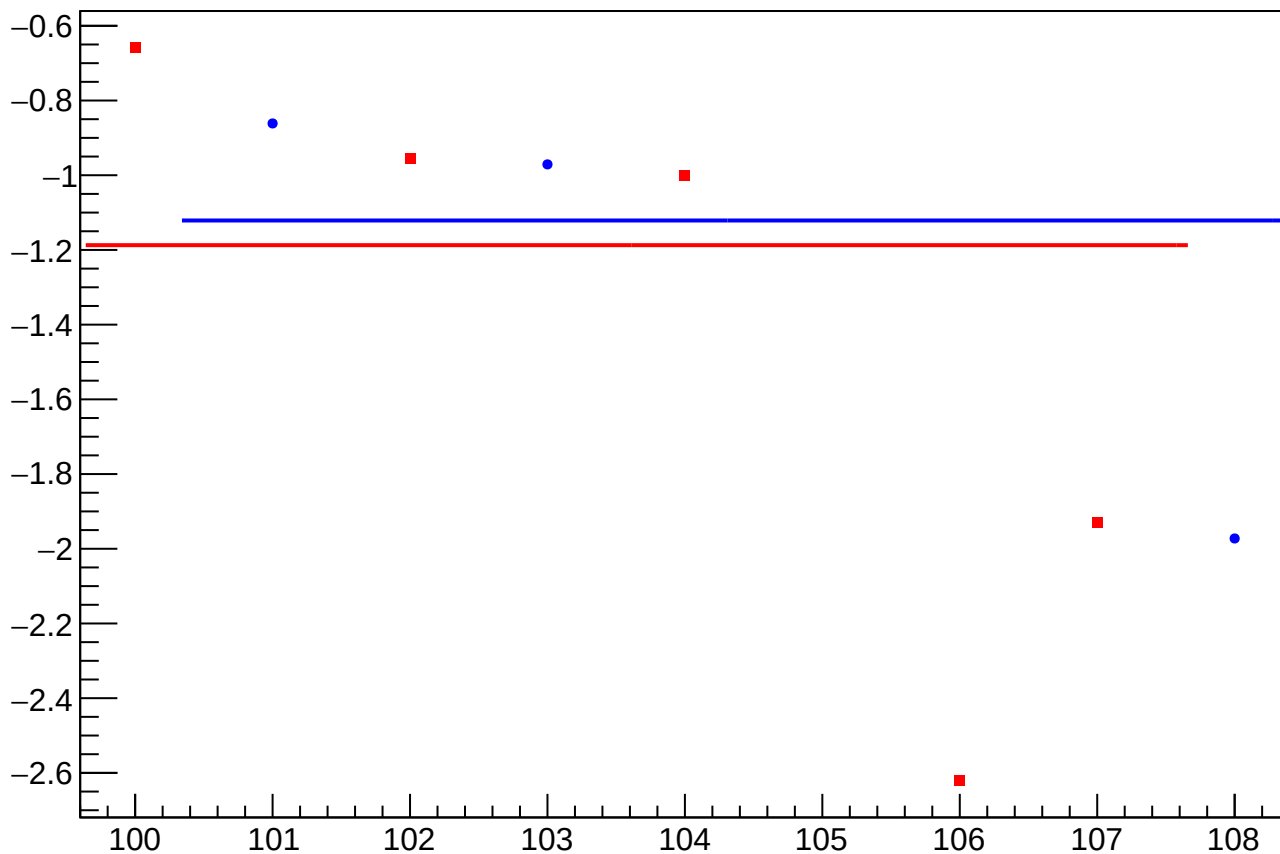
Right: 0.006+/-0.000 χ^2/NDF : 123515.5/7

In: 0.006+/-0.000 χ^2/NDF :42510.4/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 123515.5/7

yield_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: -1.121+/-0.000 χ^2/NDF : 9458274855.6/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.187+/-0.000 χ^2/NDF : 14487906044.1/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

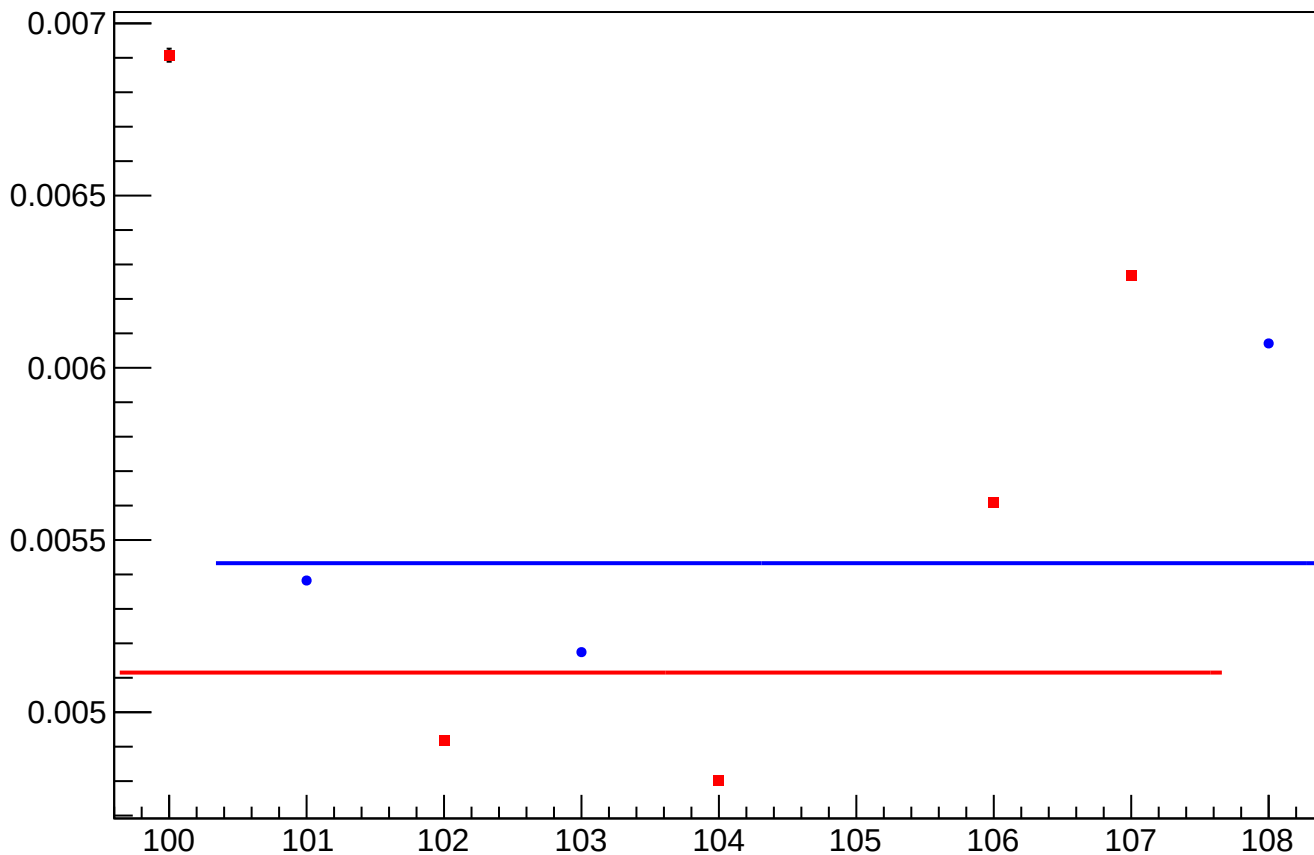
Right: -1.155+/-0.000 χ^2/NDF : 24067184186.4/7

In: -1.121+/-0.000 χ^2/NDF :9458274855.6/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.155+/-0.000 χ^2/NDF : 24067184186.4/7

yield_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 11411.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 32929.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

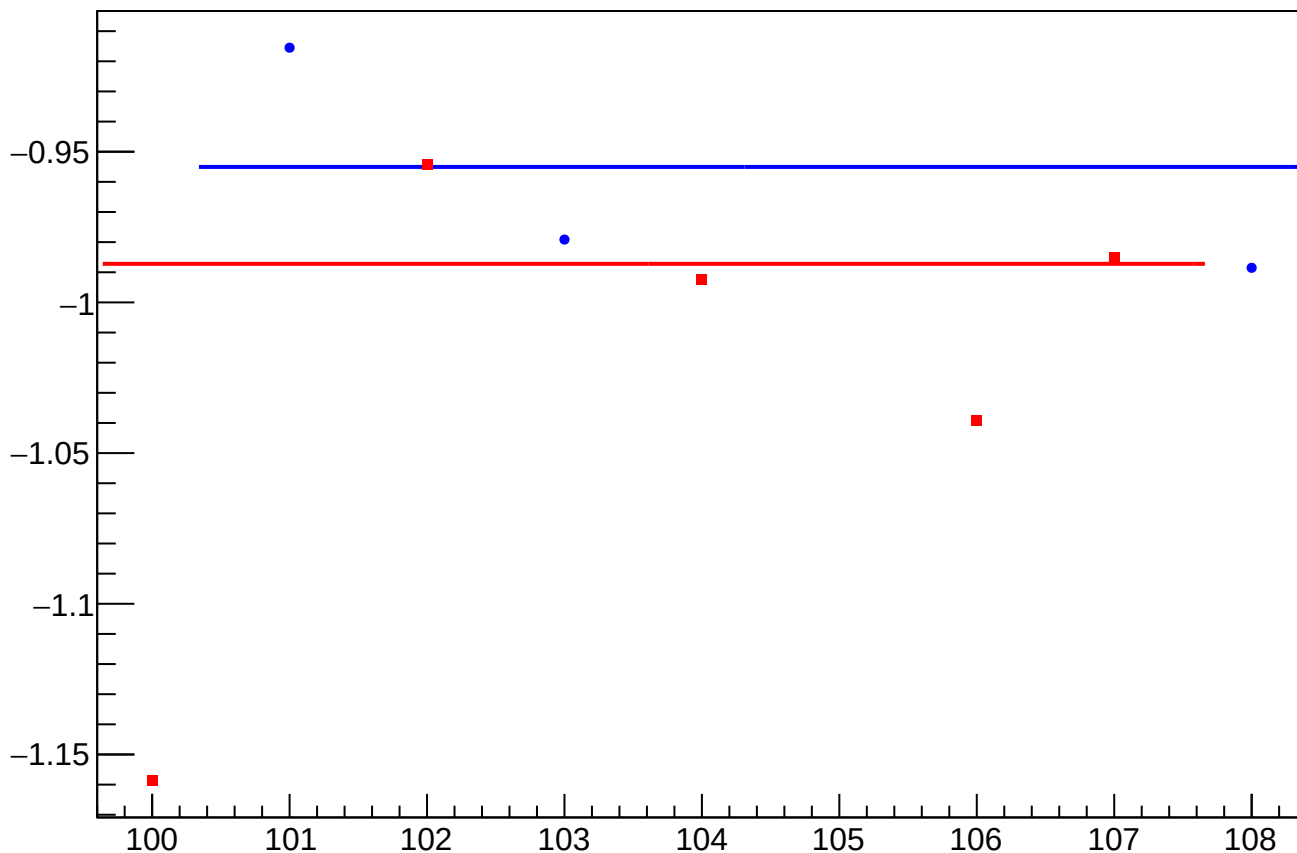
Right: 0.005+/-0.000 χ^2/NDF : 49934.2/7

In: 0.005+/-0.000 χ^2/NDF : 11411.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 49934.2/7

yield_bpm0i07X_mean vs Slug, Sign Corrected



Right In: -0.955+/-0.000 χ^2/NDF : 87679049.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.987+/-0.000 χ^2/NDF : 165457111.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

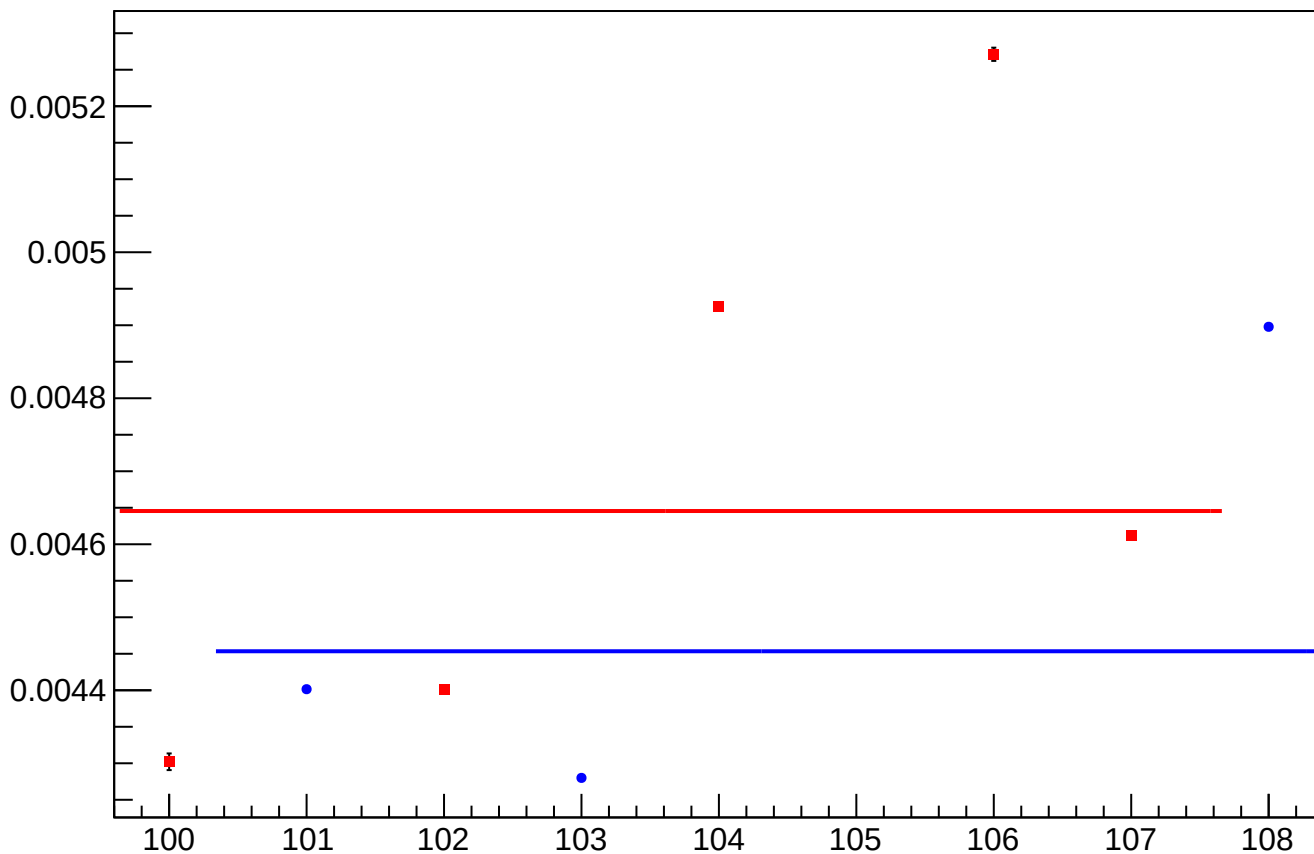
Right: -0.970+/-0.000 χ^2/NDF : 292971895.3/7

In: -0.955+/-0.000 χ^2/NDF : 87679049.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.970+/-0.000 χ^2/NDF : 292971895.3/7

yield_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 8435.9/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 12838.6/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

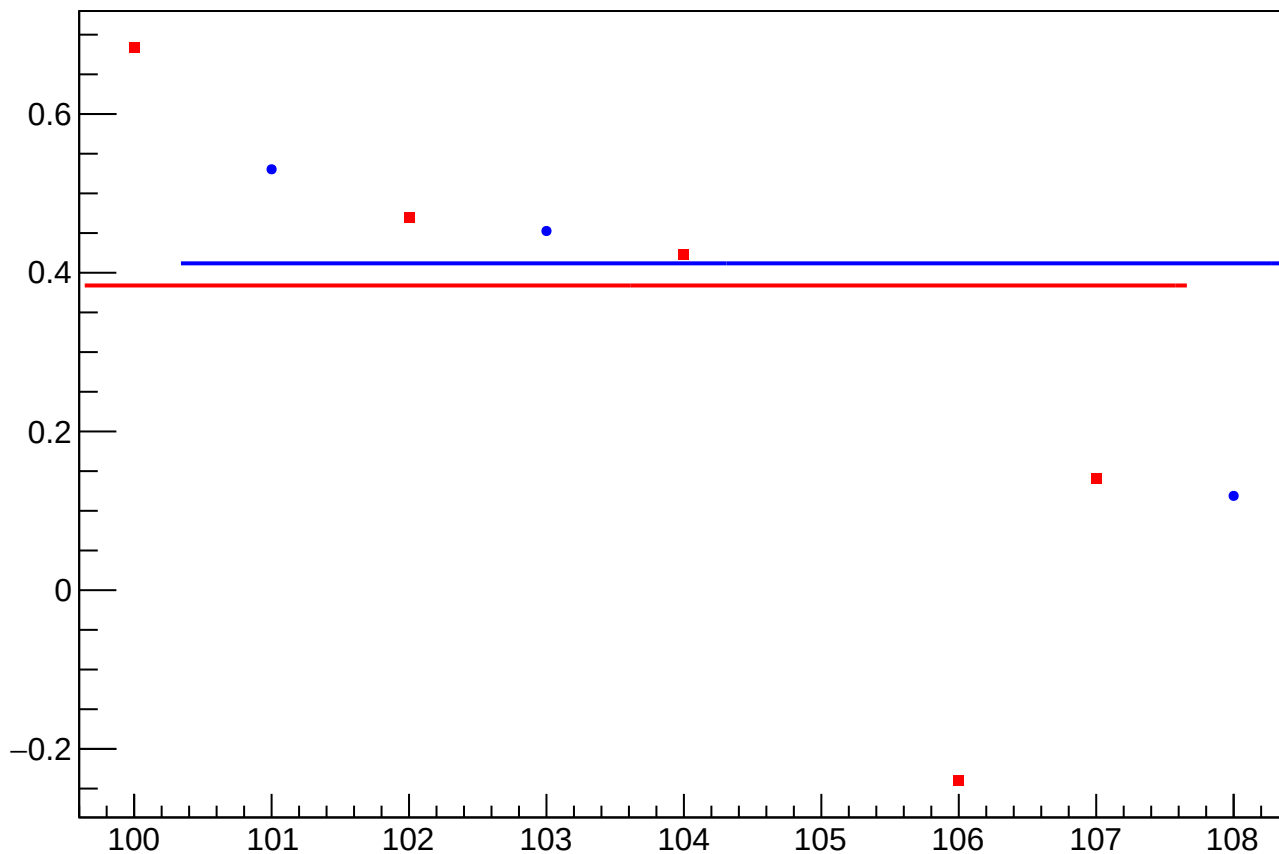
Right: 0.005+/-0.000 χ^2/NDF : 24119.3/7

In: 0.004+/-0.000 χ^2/NDF :8435.9/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 24119.3/7

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.412+/-0.000 χ^2/NDF : 2961802761.2/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.384+/-0.000 χ^2/NDF : 4311507500.1/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

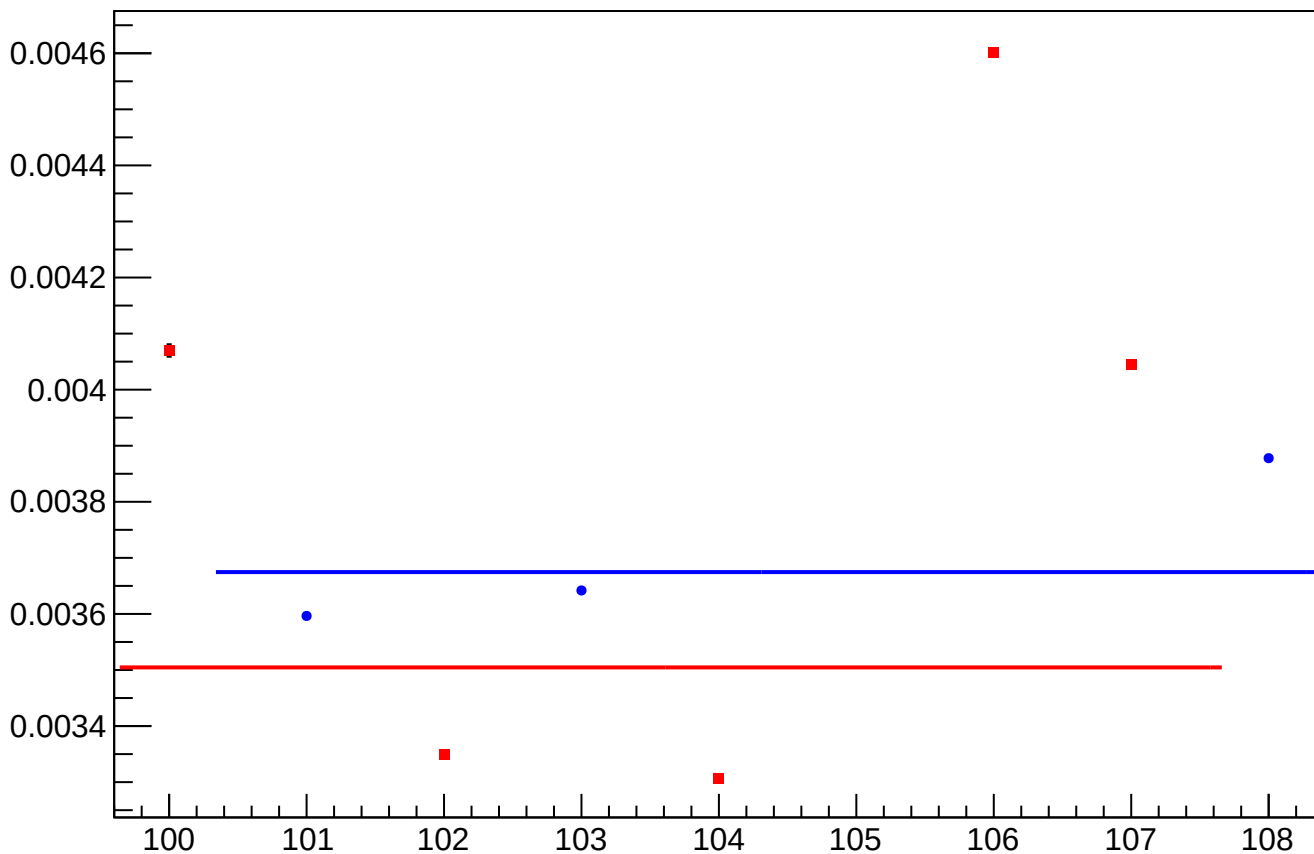
Right: 0.397+/-0.000 χ^2/NDF : 7320519074.5/7

In: 0.412+/-0.000 χ^2/NDF :2961802761.2/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.397+/-0.000 χ^2/NDF : 7320519074.5/7

yield_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 2809.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 33331.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

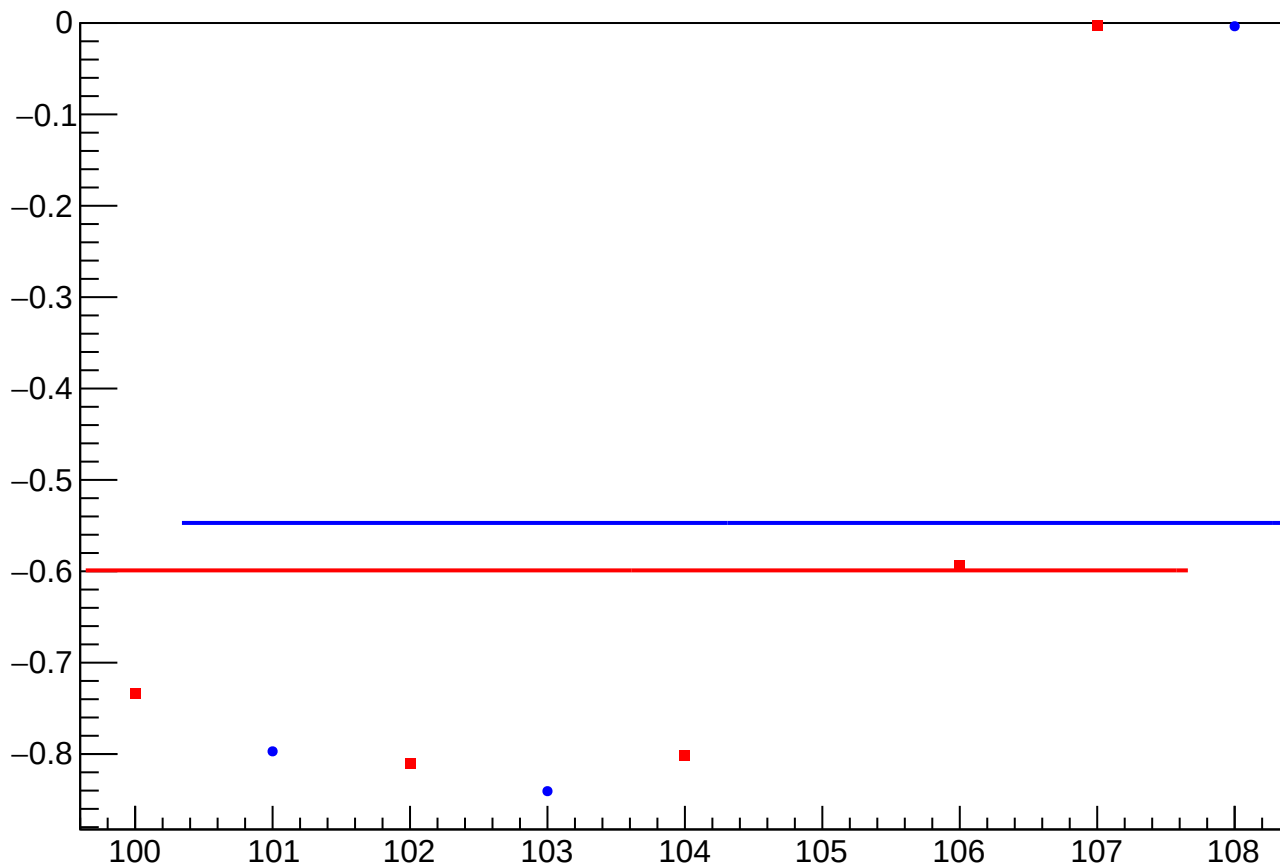
Right: 0.004+/-0.000 χ^2/NDF : 39644.5/7

In: 0.004+/-0.000 χ^2/NDF : 2809.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 39644.5/7

yield_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -0.547+/-0.000 χ^2/NDF : 1895491940.2/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.599+/-0.000 χ^2/NDF : 1310920701.5/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

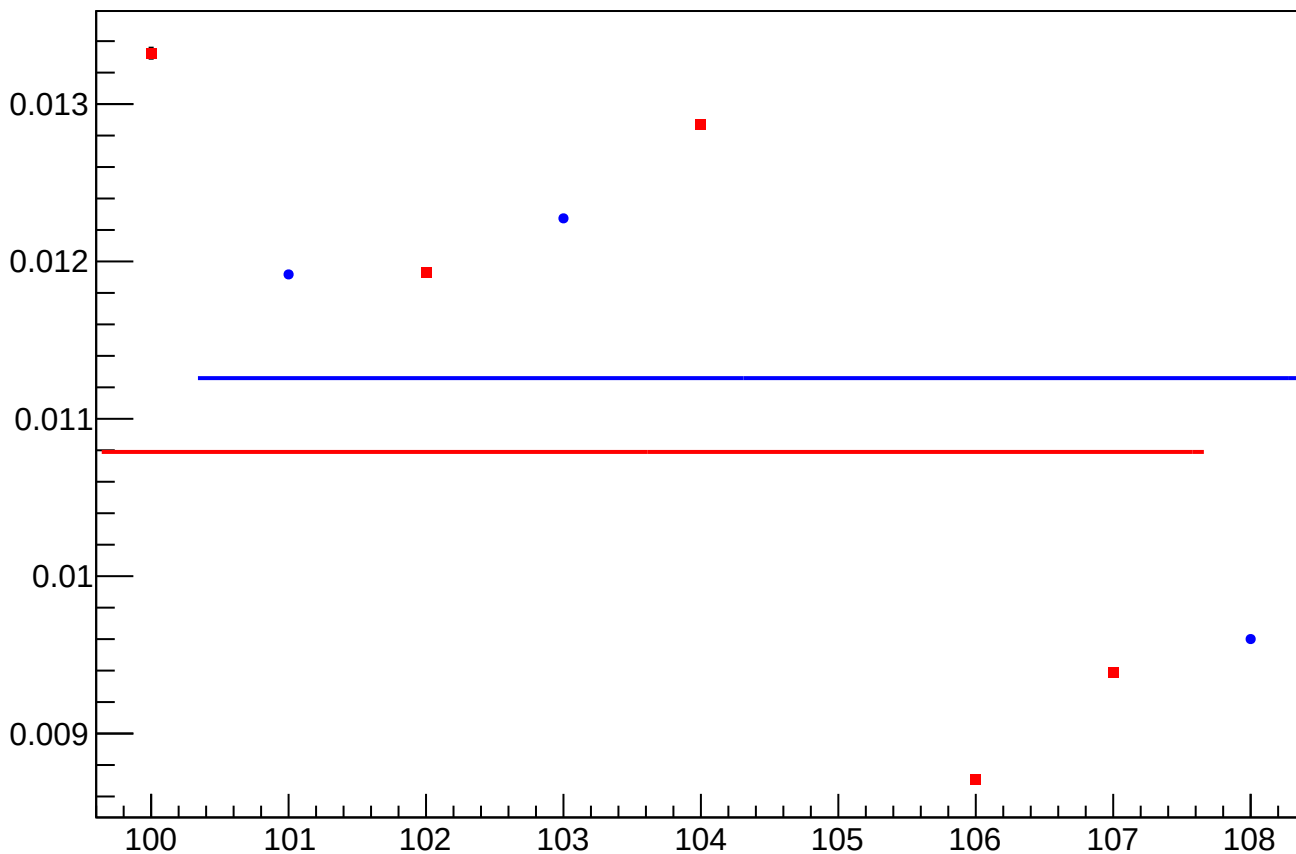
Right: -0.575+/-0.000 χ^2/NDF : 3225152356.5/7

In: -0.547+/-0.000 χ^2/NDF :1895491940.2/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.575+/-0.000 χ^2/NDF : 3225152356.5/7

yield_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 35744.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 91746.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

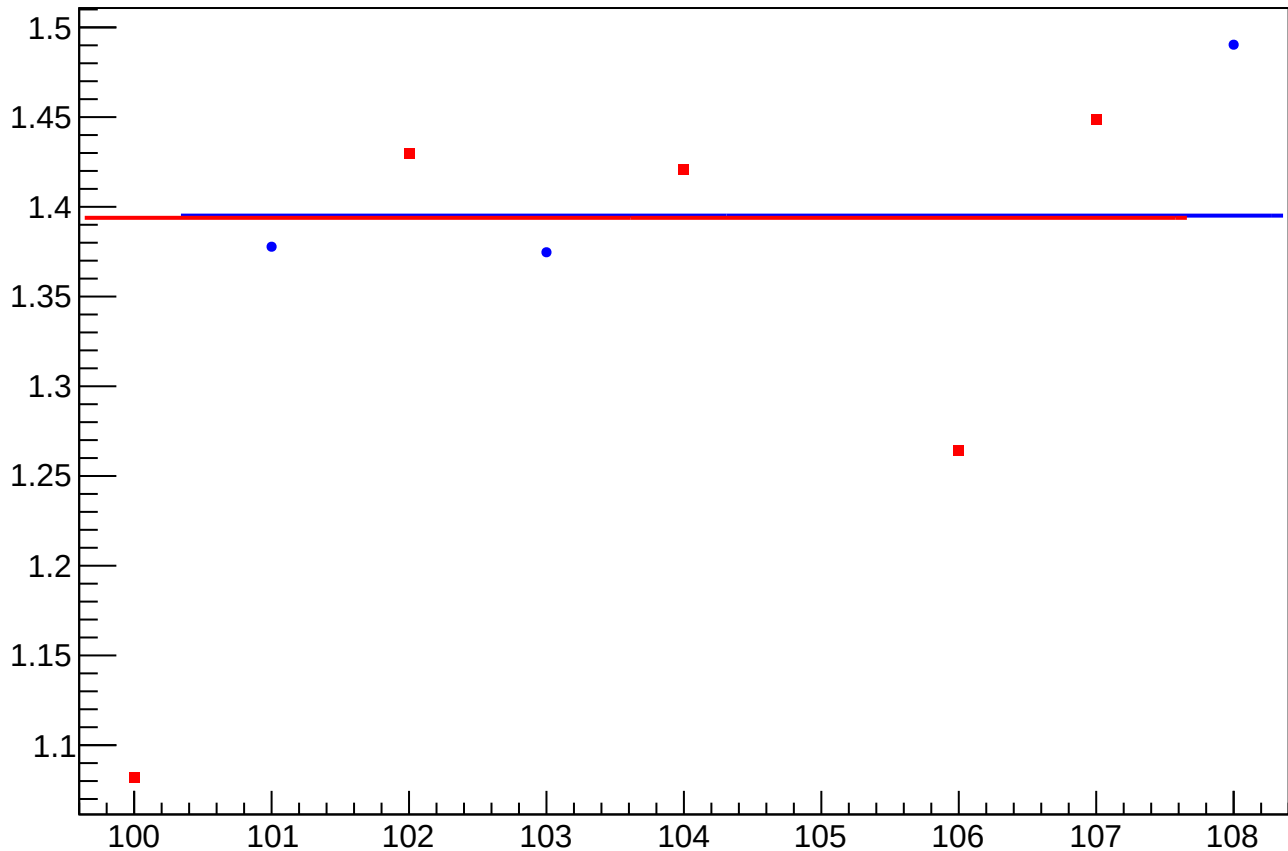
Right: 0.011+/-0.000 χ^2/NDF : 130547.6/7

In: 0.011+/-0.000 χ^2/NDF : 35744.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 130547.6/7

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.395+/-0.000 χ^2/NDF : 77627920.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.394+/-0.000 χ^2/NDF : 291066049.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

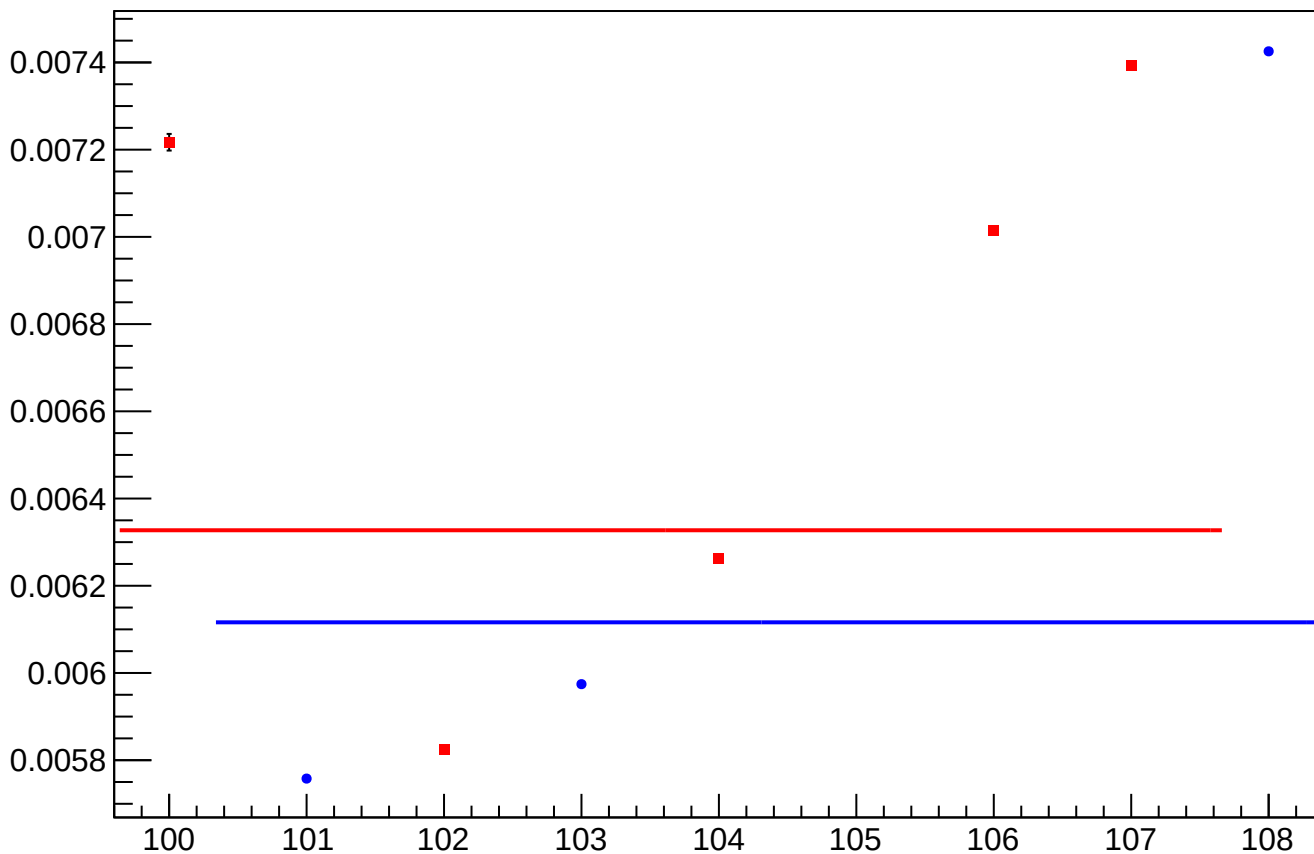
Right: 1.394+/-0.000 χ^2/NDF : 368726873.4/7

In: 1.395+/-0.000 χ^2/NDF : 77627920.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.394+/-0.000 χ^2/NDF : 368726873.4/7

yield_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 30148.4/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 28036.9/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

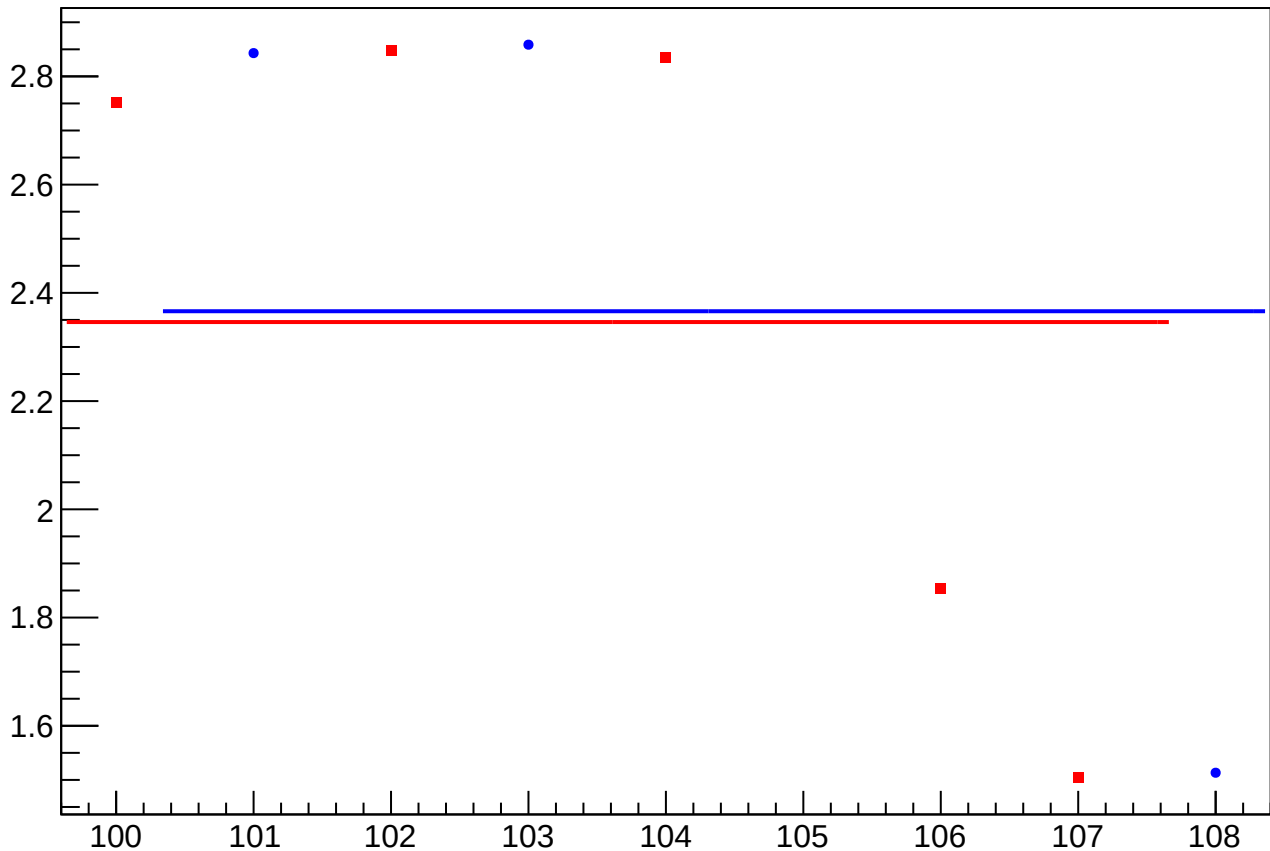
Right: 0.006+/-0.000 χ^2/NDF : 60139.9/7

In: 0.006+/-0.000 χ^2/NDF :30148.4/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 60139.9/7

yield_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 2.366+/-0.000 χ^2/NDF : 12477228205.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.346+/-0.000 χ^2/NDF : 10601728249.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

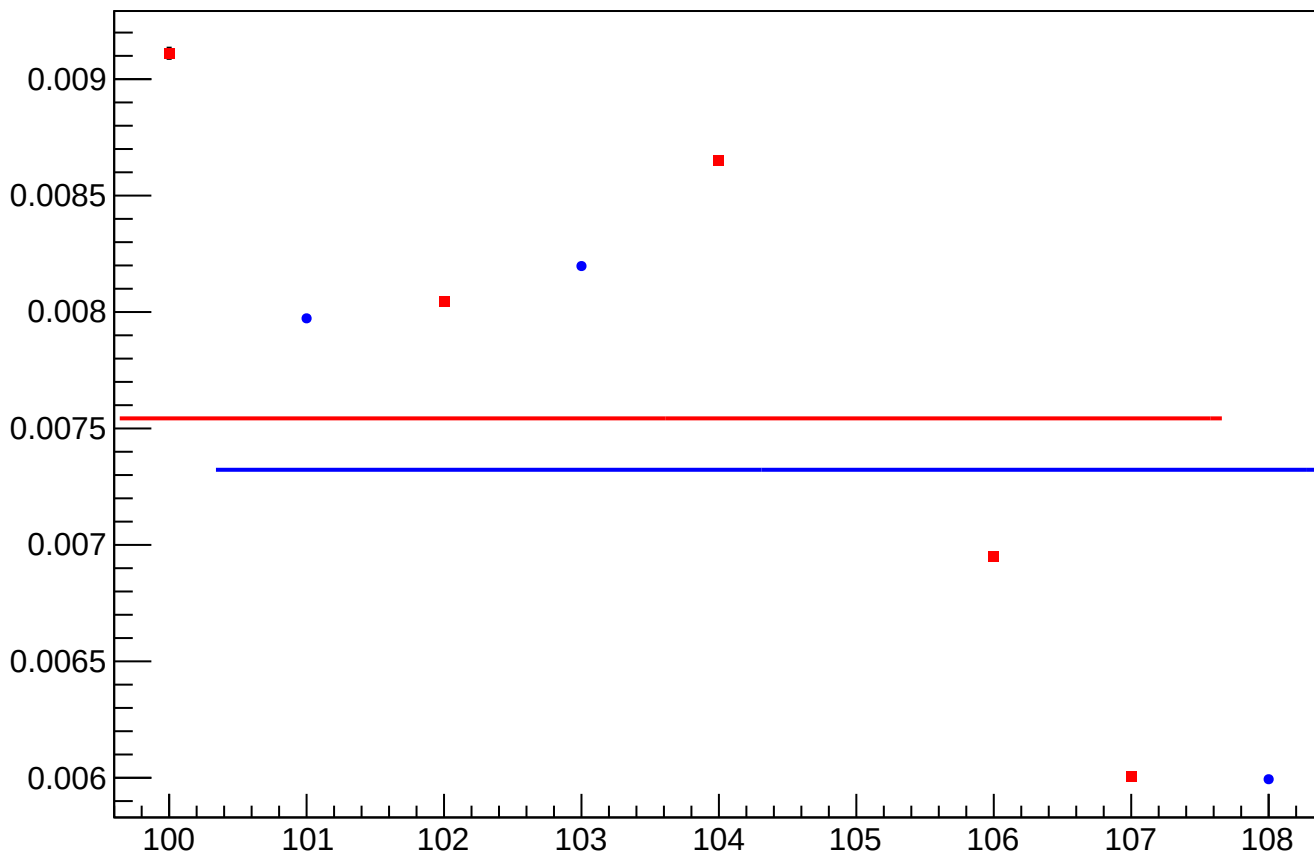
Right: 2.356+/-0.000 χ^2/NDF : 23085057609.6/7

In: 2.366+/-0.000 χ^2/NDF : 12477228205.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.356+/-0.000 χ^2/NDF : 23085057609.6/7

yield_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 61064.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 62261.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

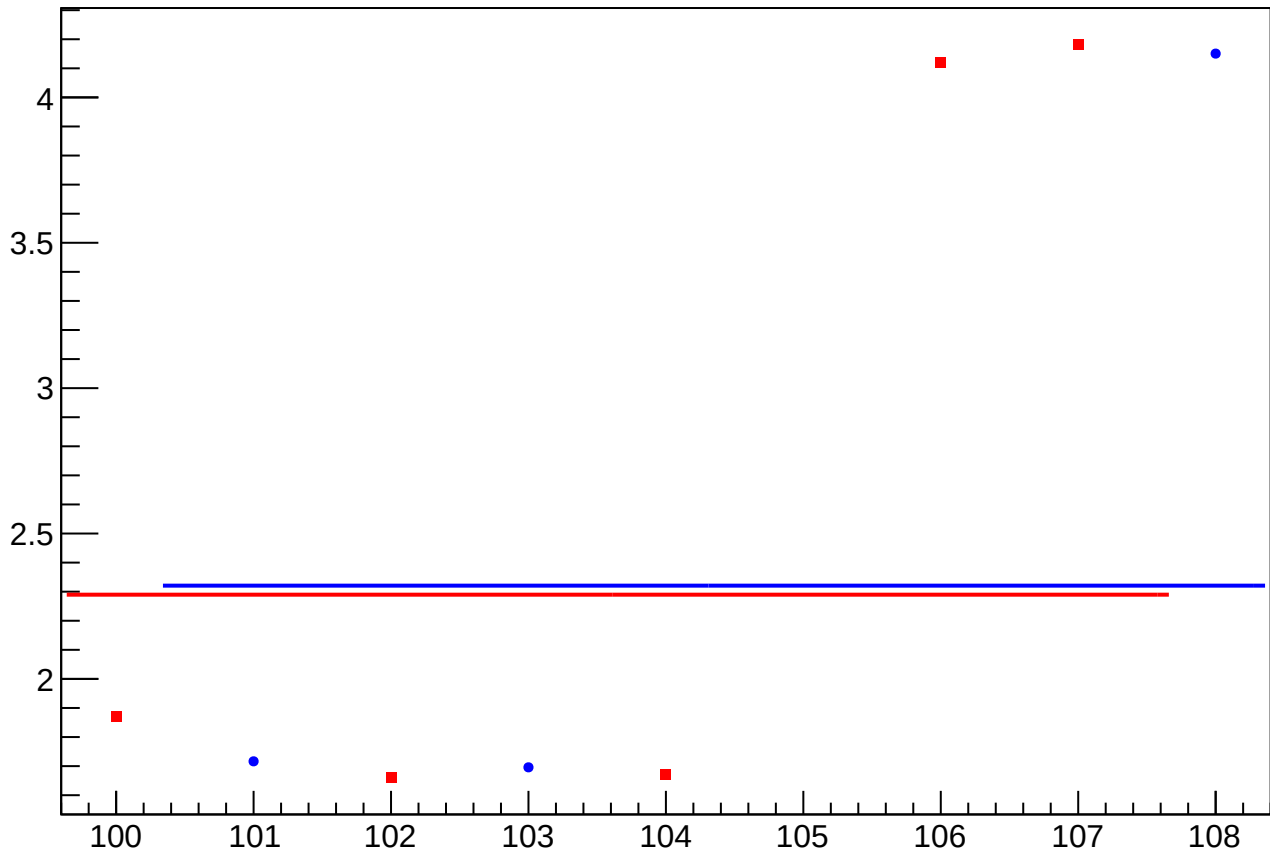
Right: 0.007+/-0.000 χ^2/NDF : 124814.7/7

In: 0.007+/-0.000 χ^2/NDF : 61064.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 124814.7/7

yield_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 2.321+/-0.000 χ^2/NDF : 67688654618.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.290+/-0.000 χ^2/NDF : 68334851575.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

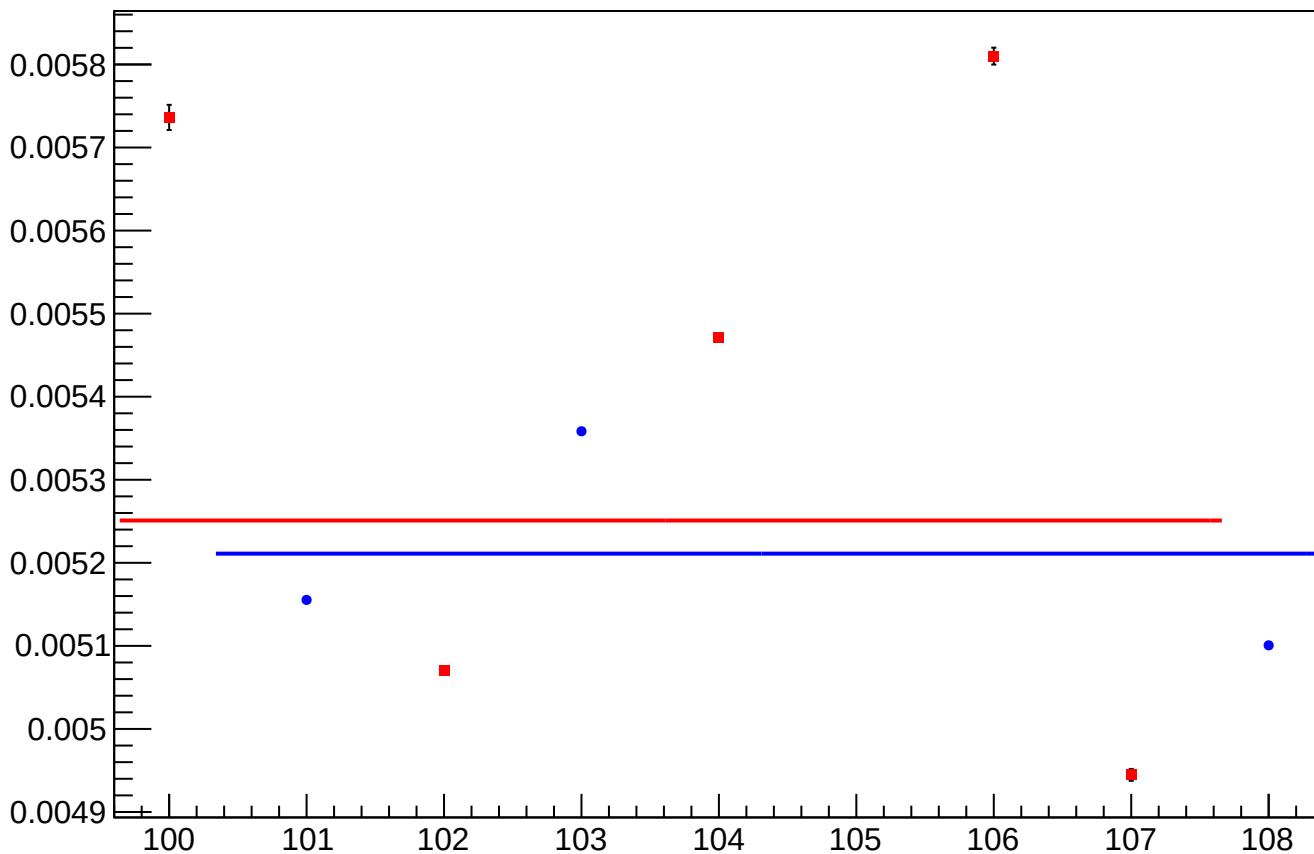
Right: 2.305+/-0.000 χ^2/NDF : 136052359229.2/7

In: 2.321+/-0.000 χ^2/NDF : 67688654618.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.305+/-0.000 χ^2/NDF : 136052359229.2

yield_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1415.8/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 9210.9/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

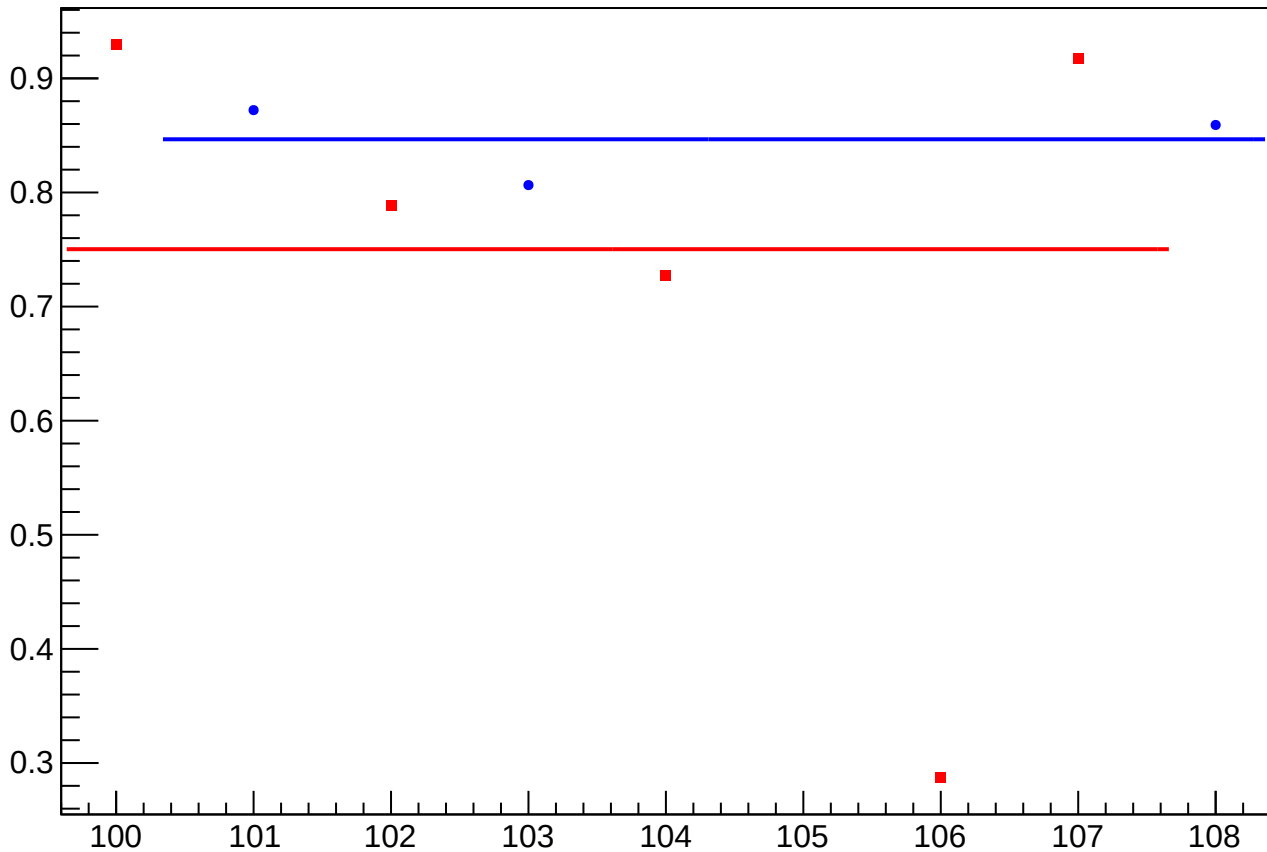
Right: 0.005+/-0.000 χ^2/NDF : 10721.8/7

In: 0.005+/-0.000 χ^2/NDF :1415.8/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 10721.8/7

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.847 $\pm$ 0.000 χ^2 /NDF: 6535244.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.750 $\pm$ 0.000 χ^2 /NDF: 204464051.5/4

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

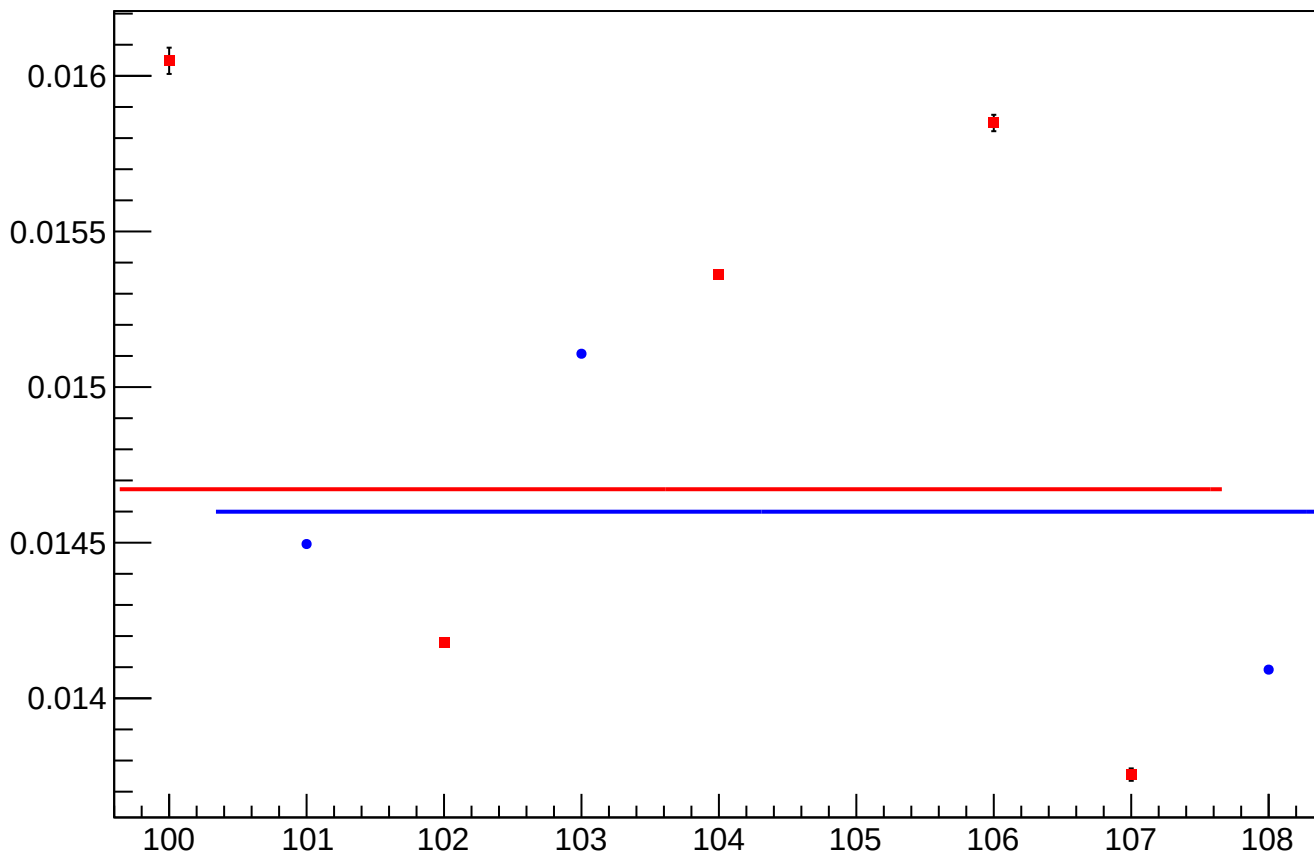
Right: 0.798 $\pm$ 0.000 χ^2 /NDF: 246610768.7/7

In: 0.847 $\pm$ 0.000 χ^2 /NDF:6535244.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.798 $\pm$ 0.000 χ^2 /NDF: 246610768.7/7

yield_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 2418.7/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 8812.7/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

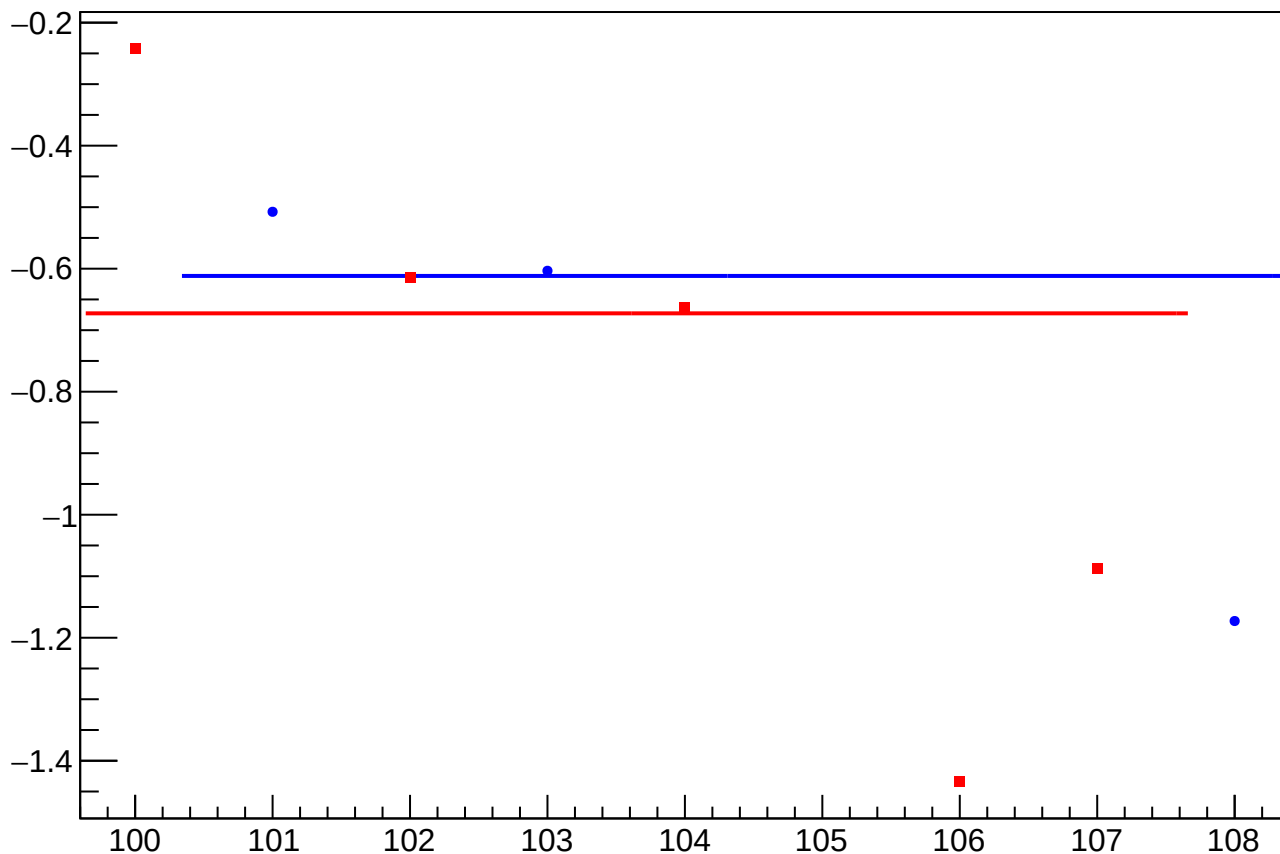
Right: 0.015+/-0.000 χ^2/NDF : 11271.4/7

In: 0.015+/-0.000 χ^2/NDF :2418.7/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.000 χ^2/NDF : 11271.4/7

yield_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: -0.612+/-0.000 χ^2/NDF : 3097635190.6/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.673+/-0.000 χ^2/NDF : 3258627818.7/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

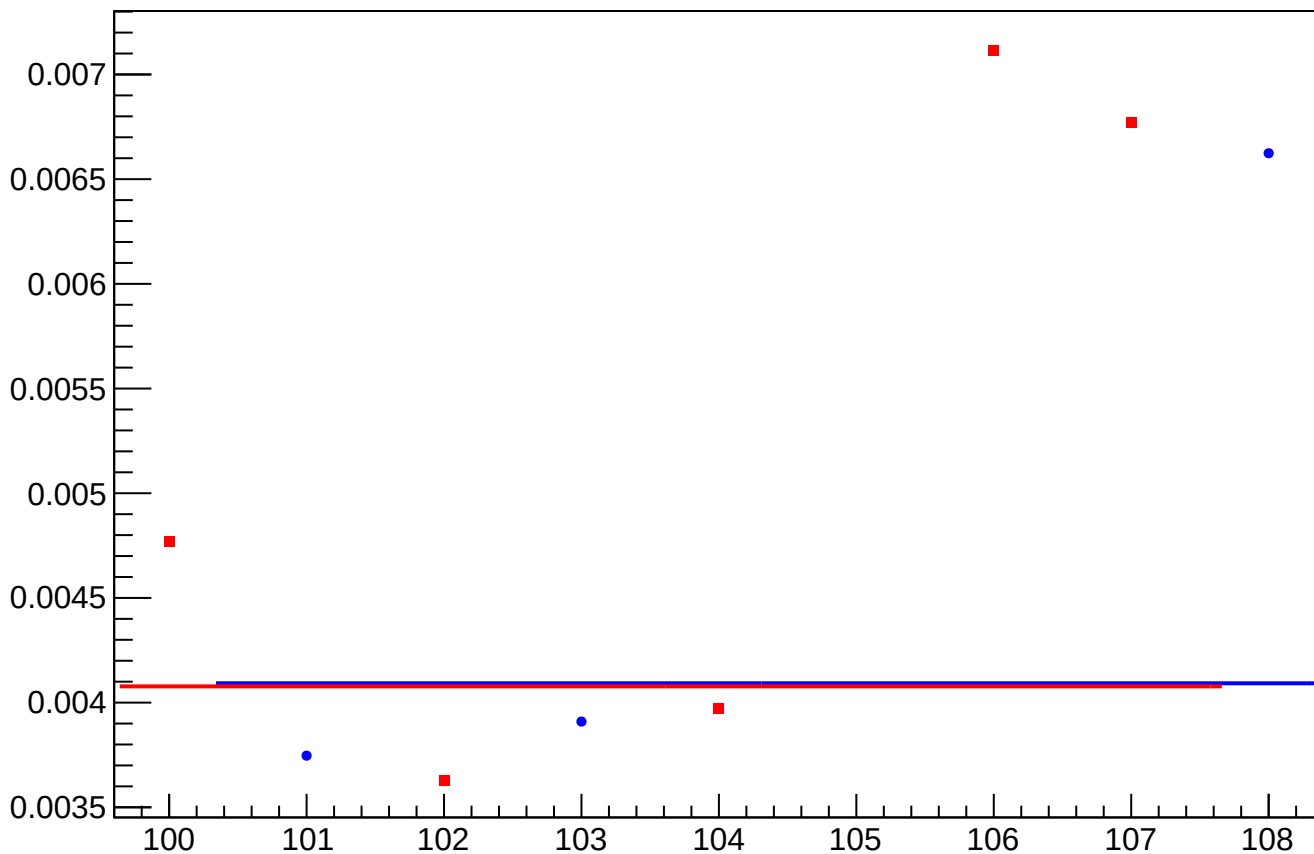
Right: -0.642+/-0.000 χ^2/NDF : 6517803499.2/7

In: -0.612+/-0.000 χ^2/NDF :3097635190.6/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.642+/-0.000 χ^2/NDF : 6517803499.2/7

yield_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 119869.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 147860.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

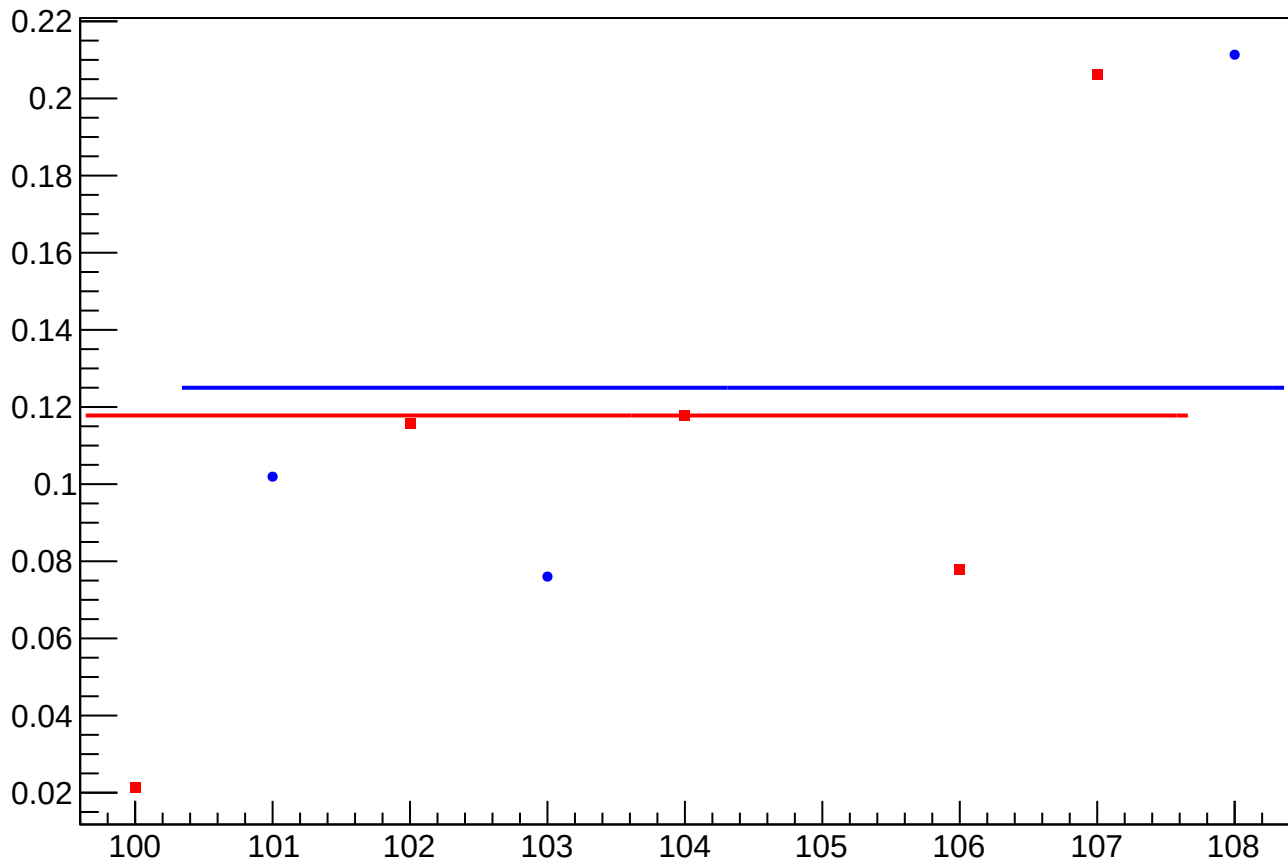
Right: 0.004+/-0.000 χ^2/NDF : 267748.8/7

In: 0.004+/-0.000 χ^2/NDF : 119869.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 267748.8/7

yield_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 0.125+/-0.000 χ^2/NDF : 2234343905.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.118+/-0.000 χ^2/NDF : 1541346838.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

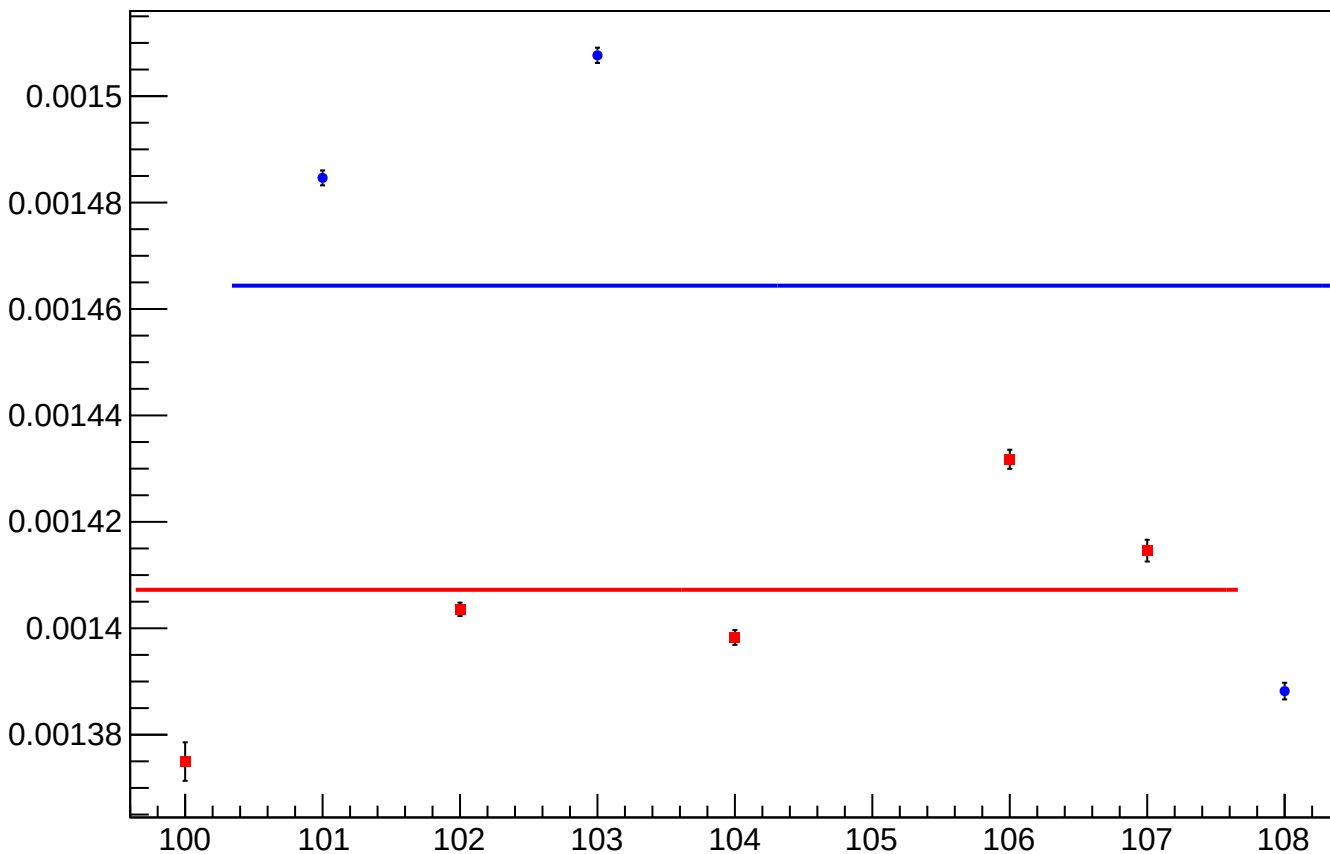
Right: 0.121+/-0.000 χ^2/NDF : 3795895069.8/7

In: 0.125+/-0.000 χ^2/NDF : 2234343905.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.121+/-0.000 χ^2/NDF : 3795895069.8/7

yield_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 3480.2/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 329.4/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

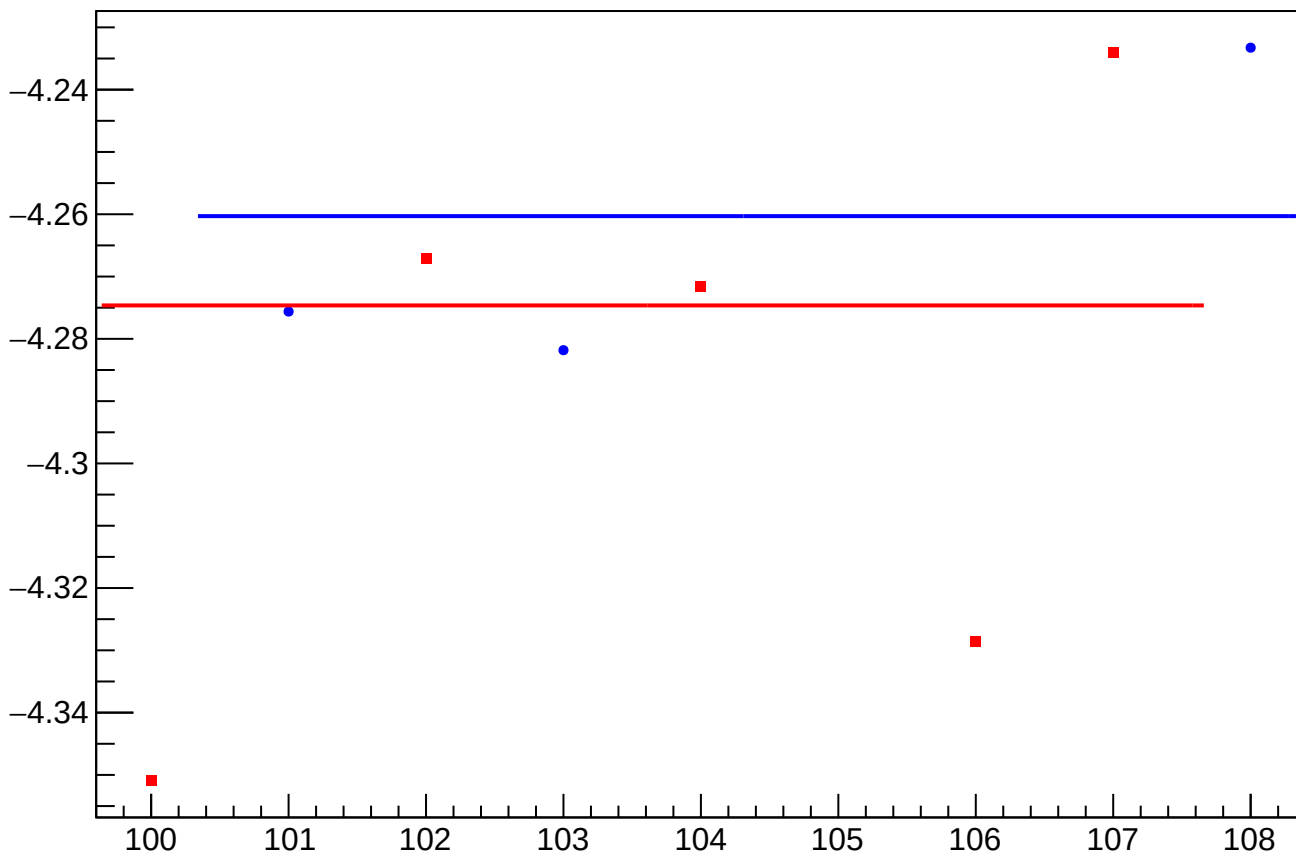
Right: 0.001+/-0.000 χ^2/NDF : 6358.0/7

In: 0.001+/-0.000 χ^2/NDF :3480.2/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6358.0/7

yield_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -4.260 $\pm$ 0.000 χ^2 /NDF: 269618445.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -4.275 $\pm$ 0.000 χ^2 /NDF: 615559580.0/4

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

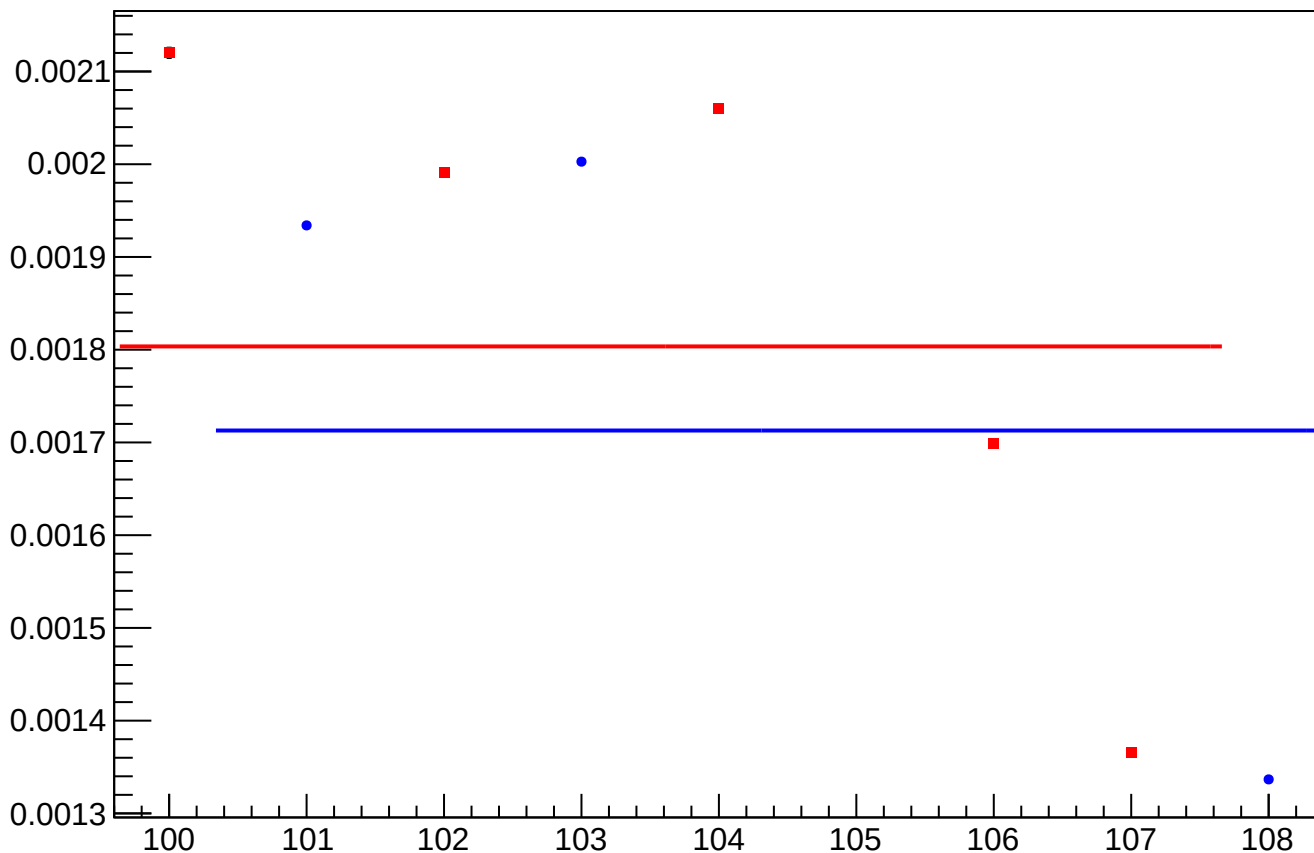
Right: -4.267 $\pm$ 0.000 χ^2 /NDF: 940365005.5/7

In: -4.260 $\pm$ 0.000 χ^2 /NDF:269618445.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.267 $\pm$ 0.000 χ^2 /NDF: 940365005.5/7

yield_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 103939.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 82311.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

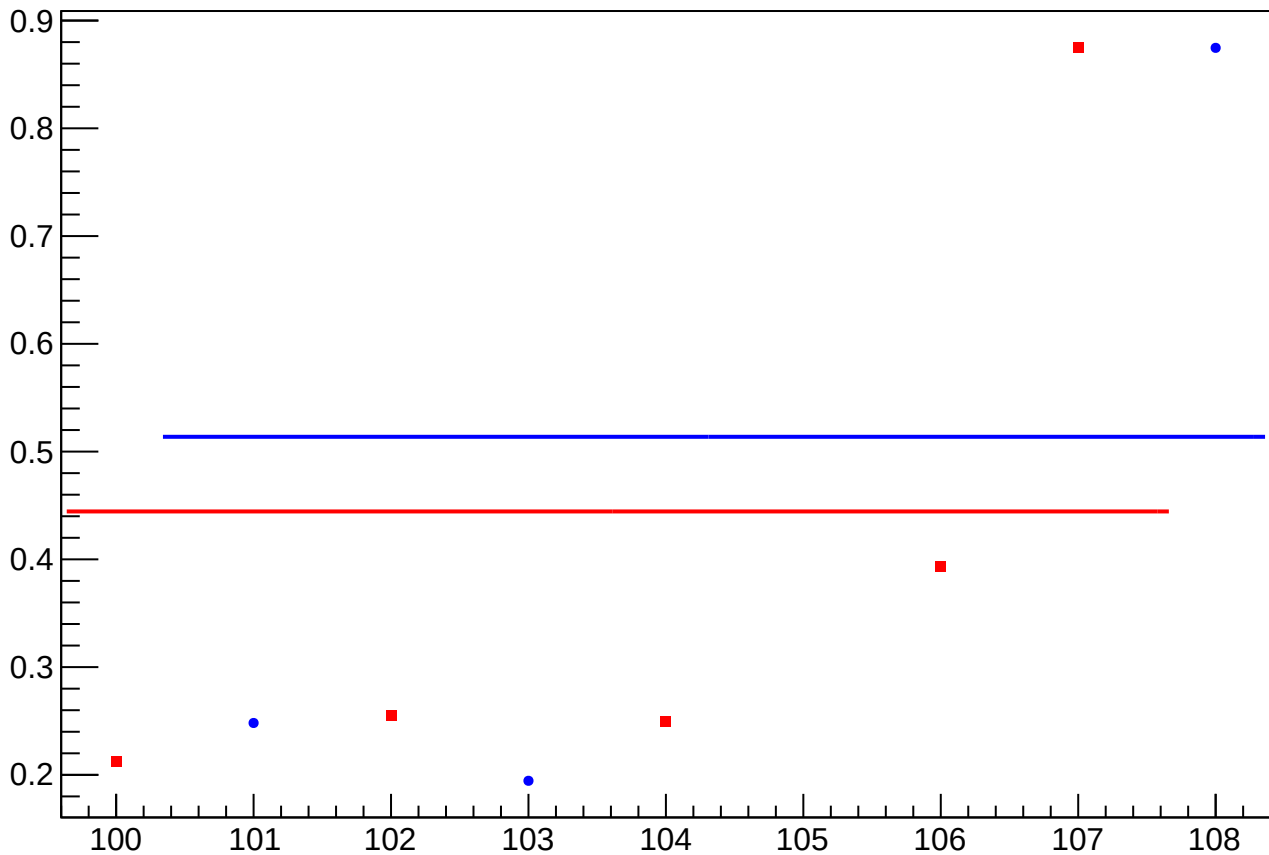
Right: 0.002+/-0.000 χ^2/NDF : 190669.3/7

In: 0.002+/-0.000 χ^2/NDF : 103939.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 190669.3/7

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 0.514+/-0.000 χ^2/NDF : 3126229304.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.444+/-0.000 χ^2/NDF : 2156696788.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

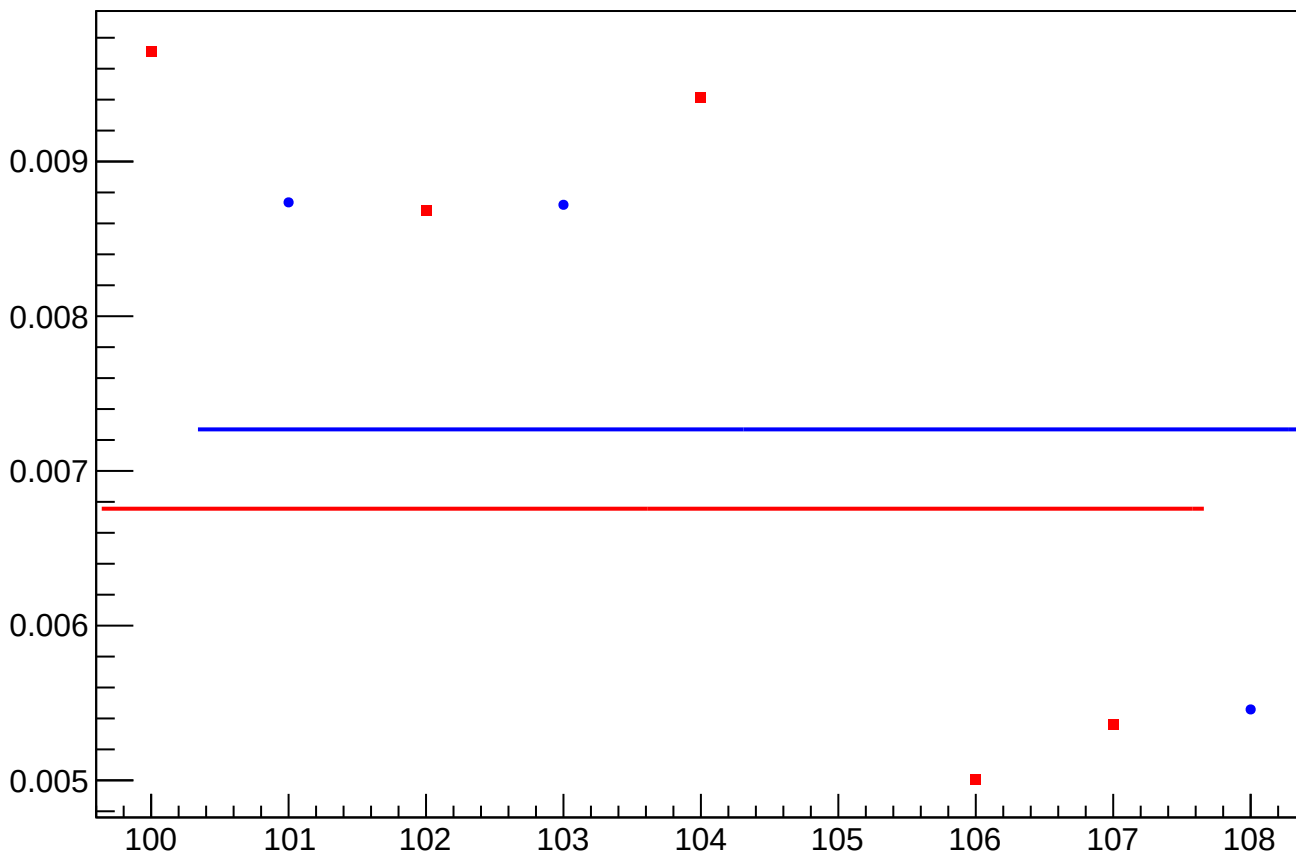
Right: 0.475+/-0.000 χ^2/NDF : 5361440186.8/7

In: 0.514+/-0.000 χ^2/NDF : 3126229304.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.475+/-0.000 χ^2/NDF : 5361440186.8/7

yield_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 156660.9/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 272145.2/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

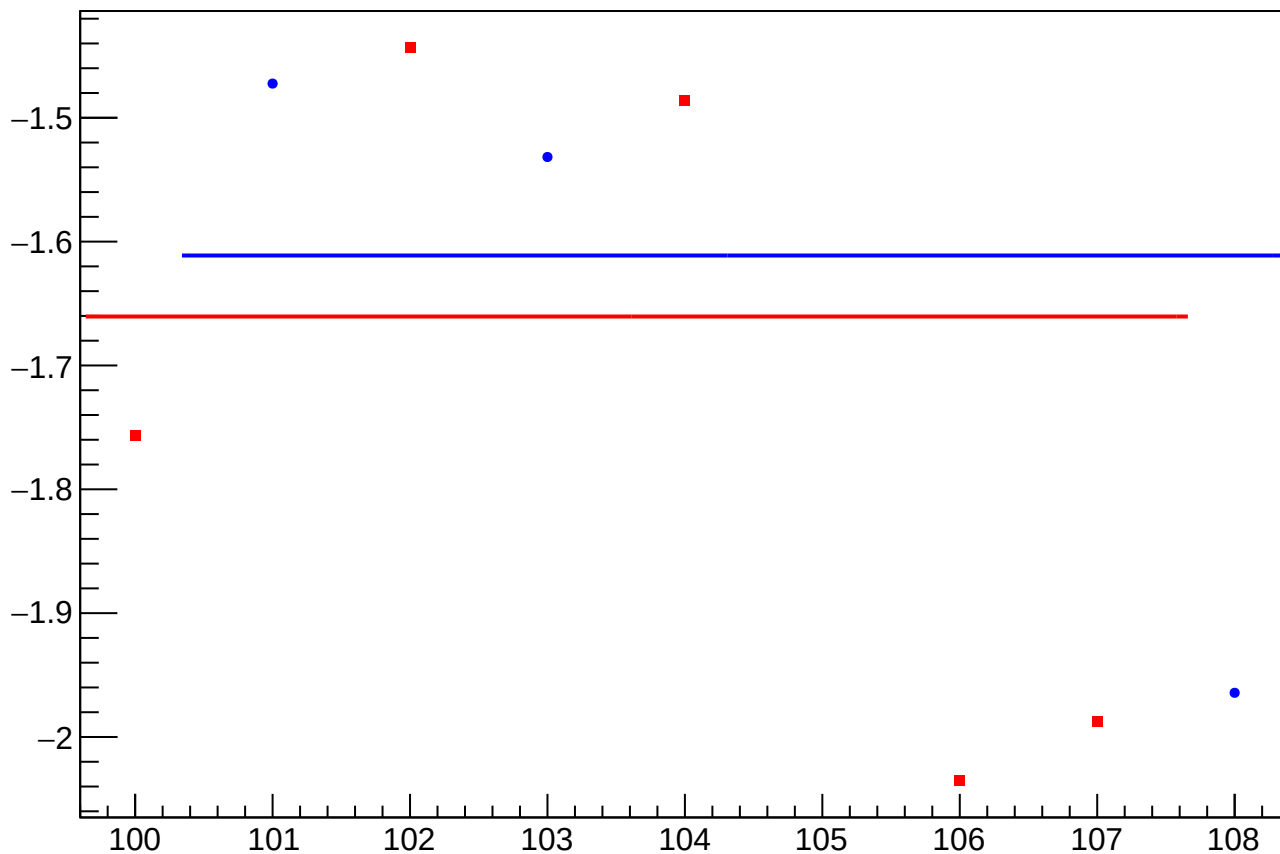
Right: 0.007+/-0.000 χ^2/NDF : 437407.4/7

In: 0.007+/-0.000 χ^2/NDF :156660.9/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 437407.4/7

yield_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -1.611+/-0.000 χ^2/NDF : 2089383831.6/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.660+/-0.000 χ^2/NDF : 3805689011.8/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

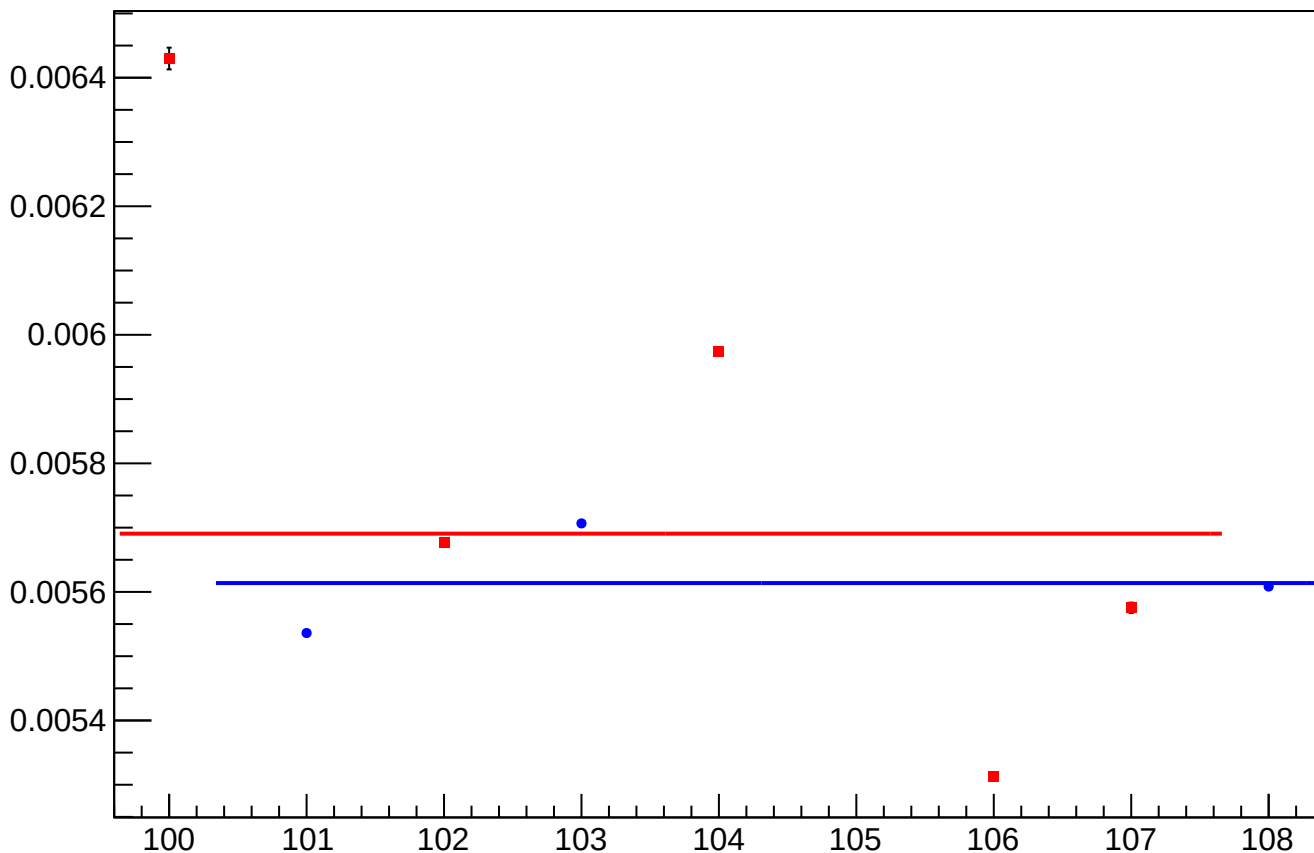
Right: -1.637+/-0.000 χ^2/NDF : 5960298534.4/7

In: -1.611+/-0.000 χ^2/NDF :2089383831.6/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.637+/-0.000 χ^2/NDF : 5960298534.4/7

yield_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 577.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 7642.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

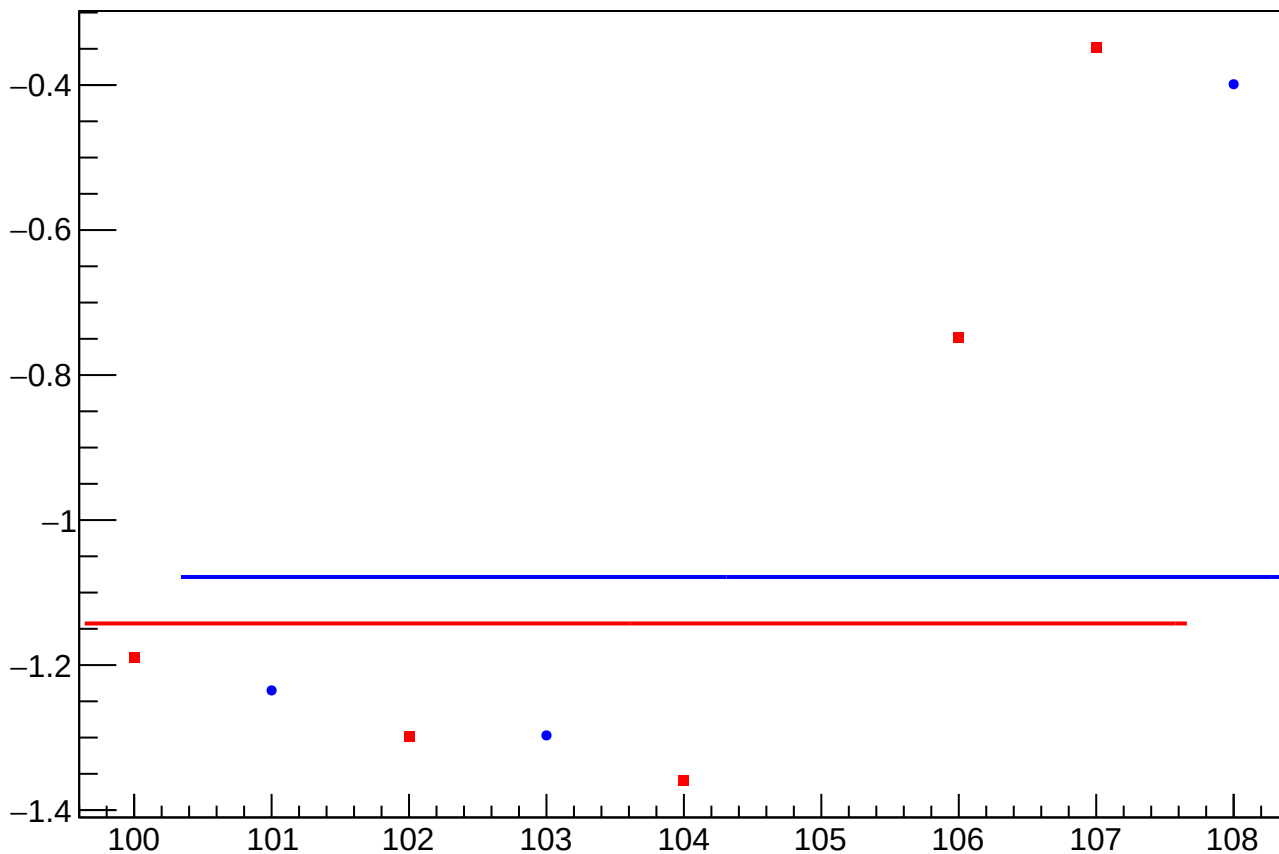
Right: 0.006+/-0.000 χ^2/NDF : 8537.5/7

In: 0.006+/-0.000 χ^2/NDF : 577.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 8537.5/7

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -1.079+/-0.000 χ^2/NDF : 1930542397.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.143+/-0.000 χ^2/NDF : 1900014874.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

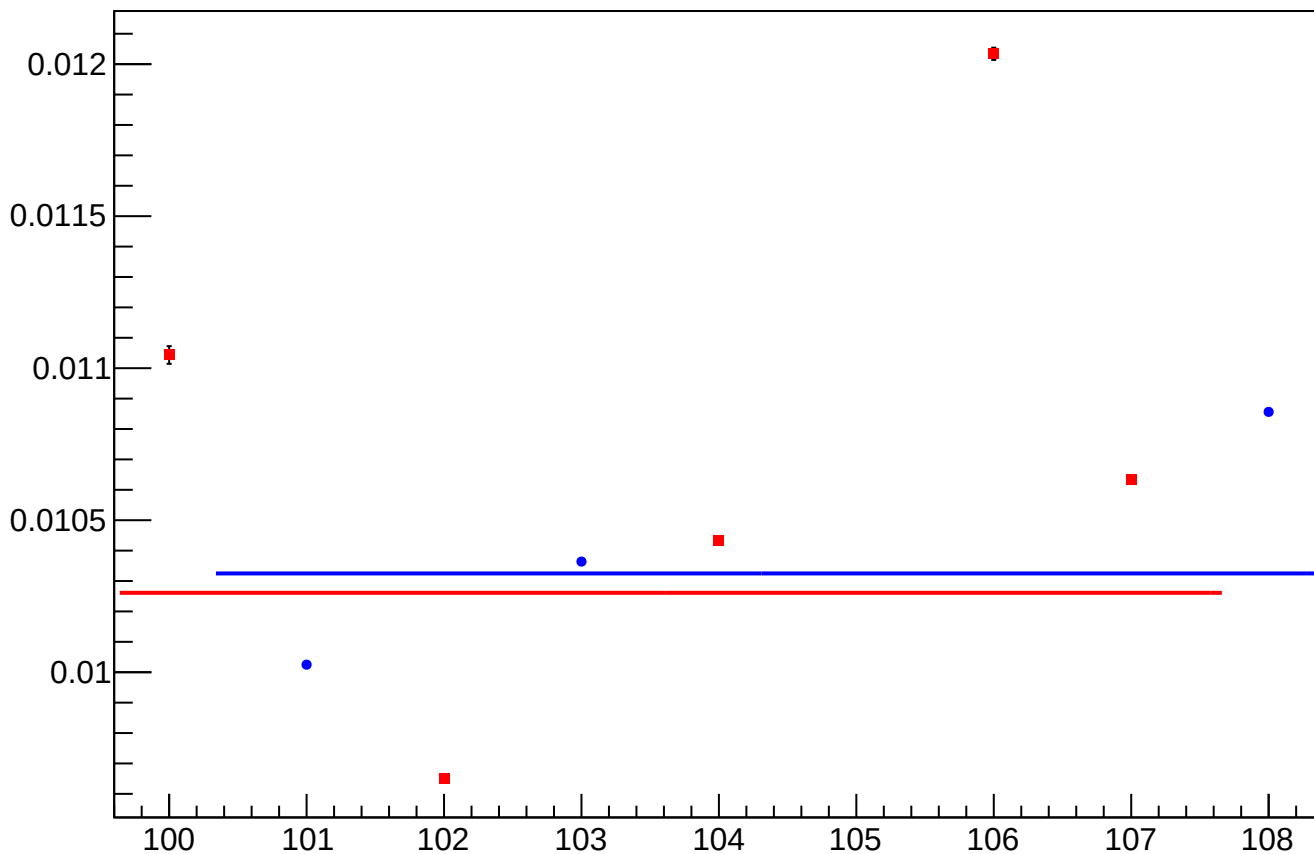
Right: -1.111+/-0.000 χ^2/NDF : 3862277562.2/7

In: -1.079+/-0.000 χ^2/NDF : 1930542397.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.111+/-0.000 χ^2/NDF : 3862277562.2/7

yield_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 3031.0/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 14527.9/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

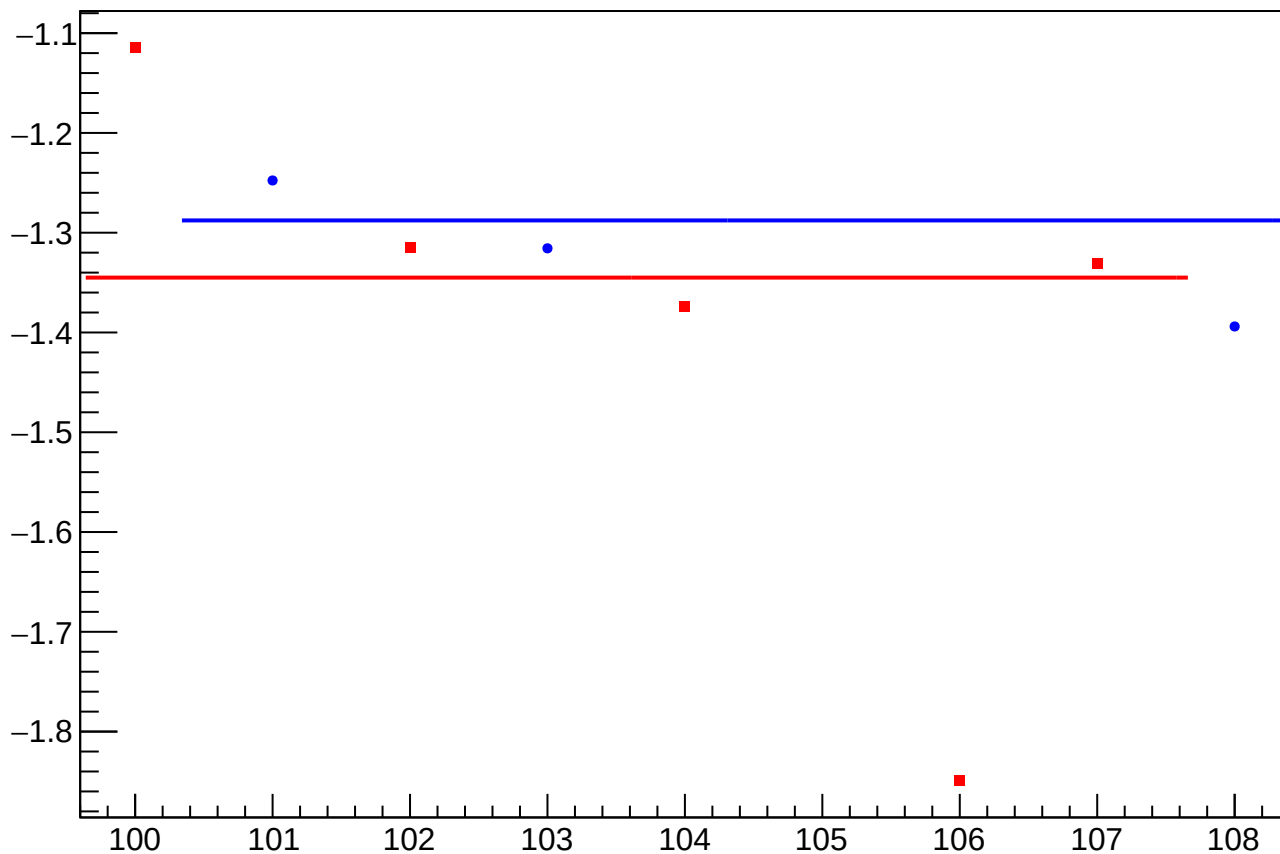
Right: 0.010+/-0.000 χ^2/NDF : 17621.7/7

In: 0.010+/-0.000 χ^2/NDF :3031.0/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.000 χ^2/NDF : 17621.7/7

yield_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: -1.288+/-0.000 χ^2/NDF : 906242032.9/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.345+/-0.000 χ^2/NDF : 4955264276.5/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

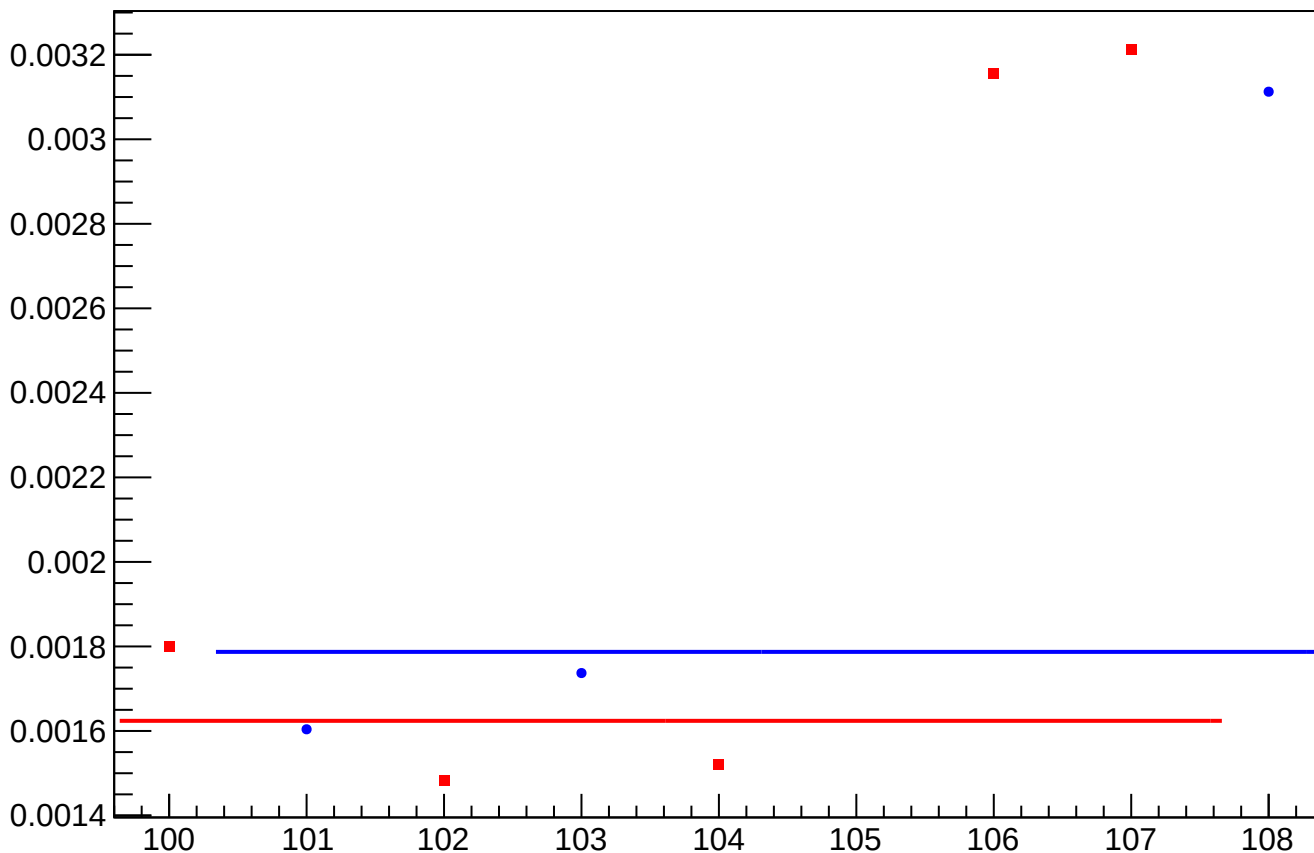
Right: -1.319+/-0.000 χ^2/NDF : 6633386591.8/7

In: -1.288+/-0.000 χ^2/NDF :906242032.9/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.319+/-0.000 χ^2/NDF : 6633386591.8/7

yield_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 145484.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 187785.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

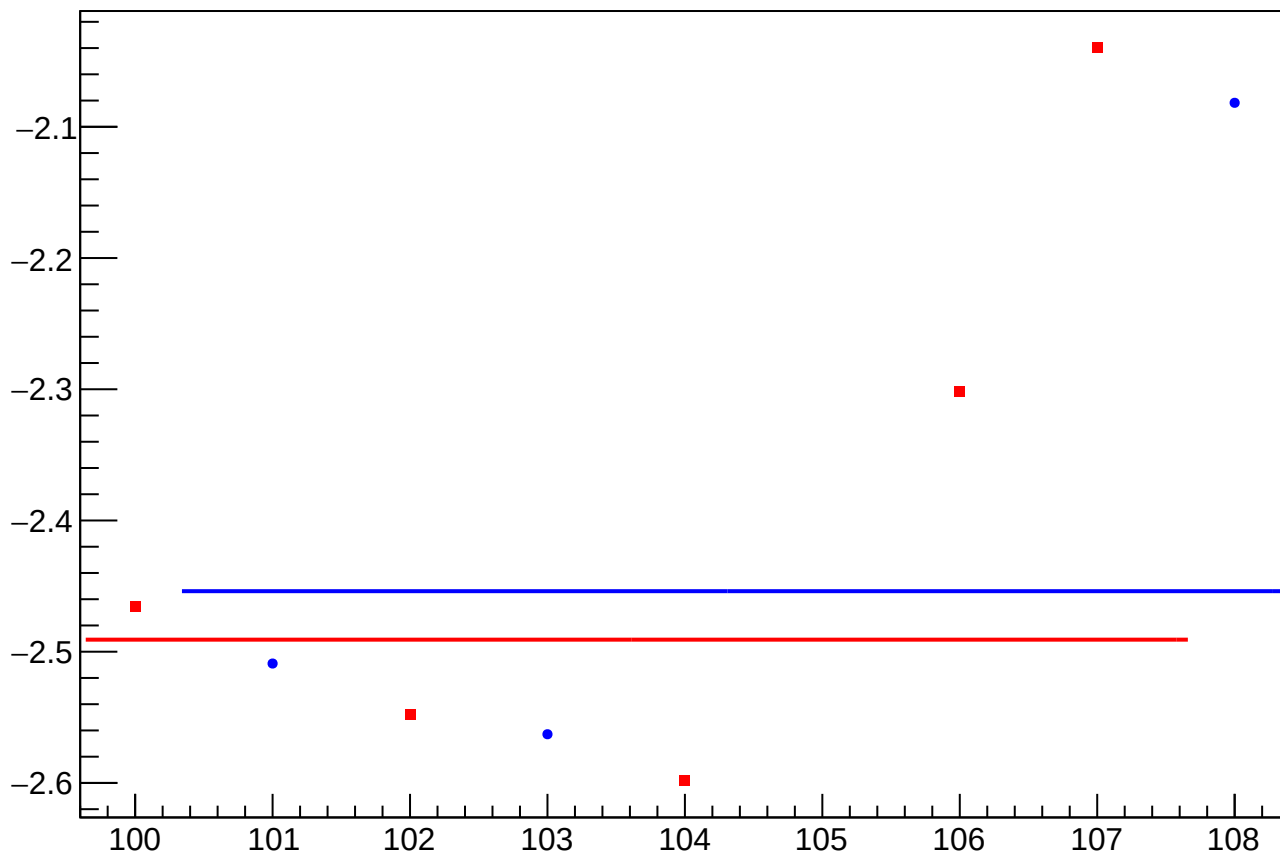
Right: 0.002+/-0.000 χ^2/NDF : 345785.3/7

In: 0.002+/-0.000 χ^2/NDF : 145484.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 345785.3/7

yield_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: -2.454+/-0.000 χ^2/NDF : 1401547321.9/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.491+/-0.000 χ^2/NDF : 1405683477.7/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

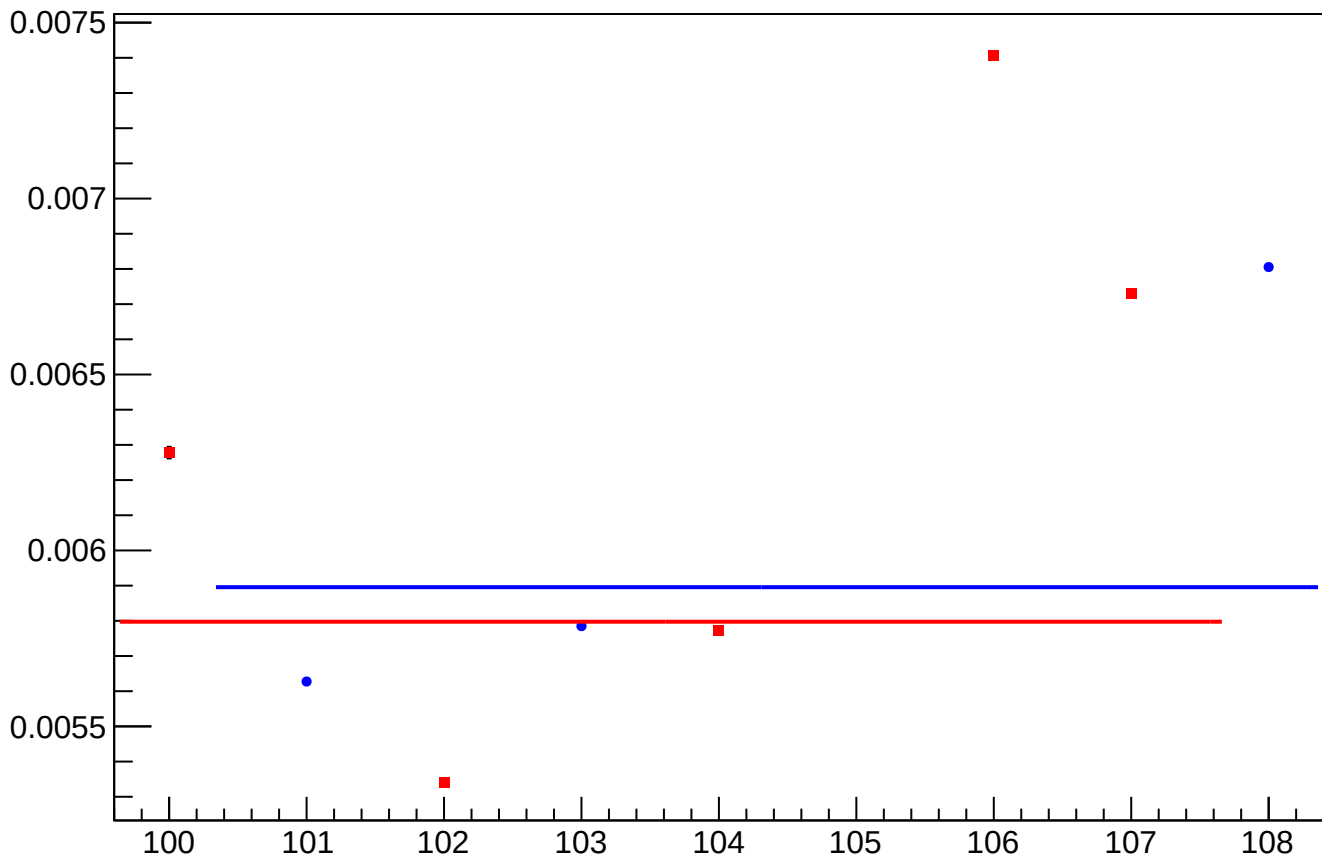
Right: -2.473+/-0.000 χ^2/NDF : 2839414591.8/7

In: -2.454+/-0.000 χ^2/NDF :1401547321.9/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.473+/-0.000 χ^2/NDF : 2839414591.8/7

yield_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 16890.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 35591.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

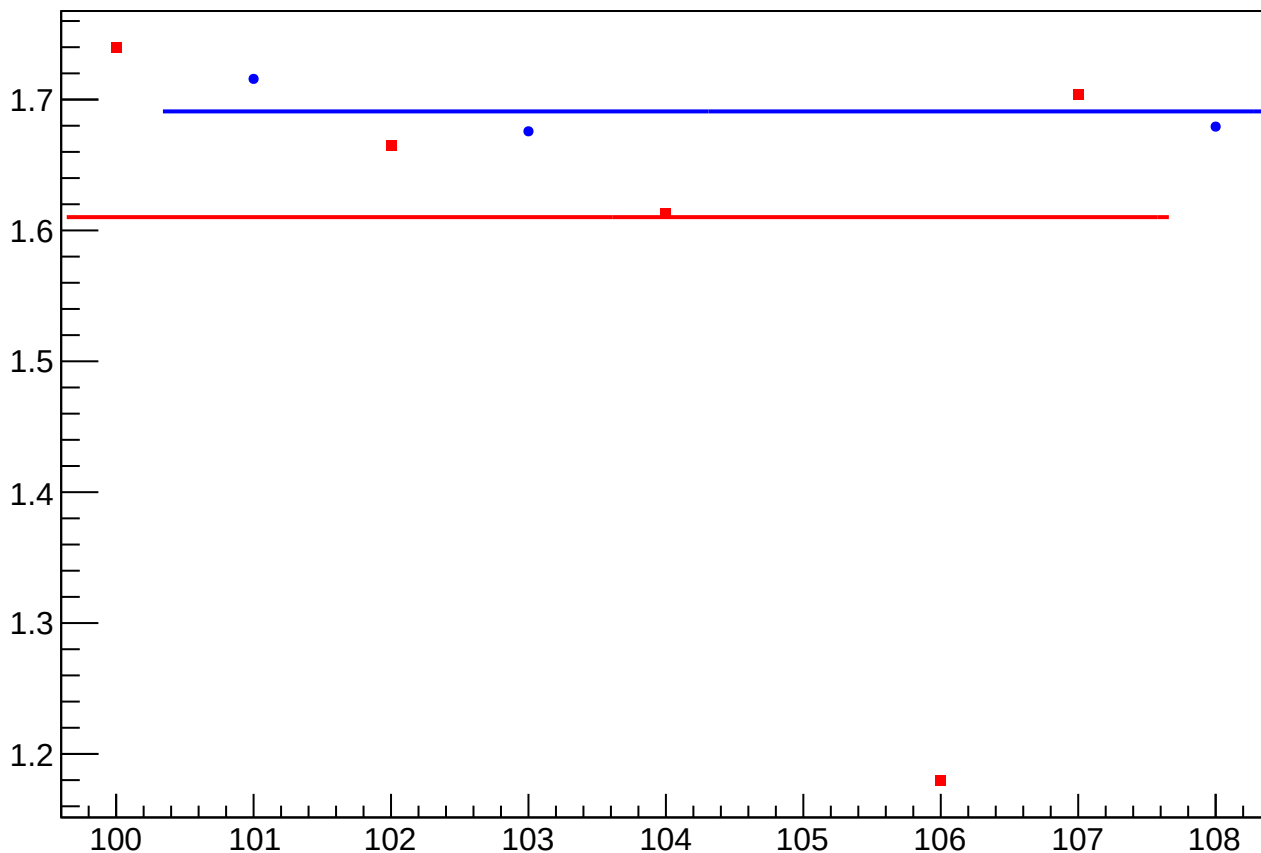
Right: 0.006+/-0.000 χ^2/NDF : 52936.3/7

In: 0.006+/-0.000 χ^2/NDF : 16890.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 52936.3/7

yield_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 1.691+/-0.000 χ^2/NDF : 108824013.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.610+/-0.000 χ^2/NDF : 7234121035.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

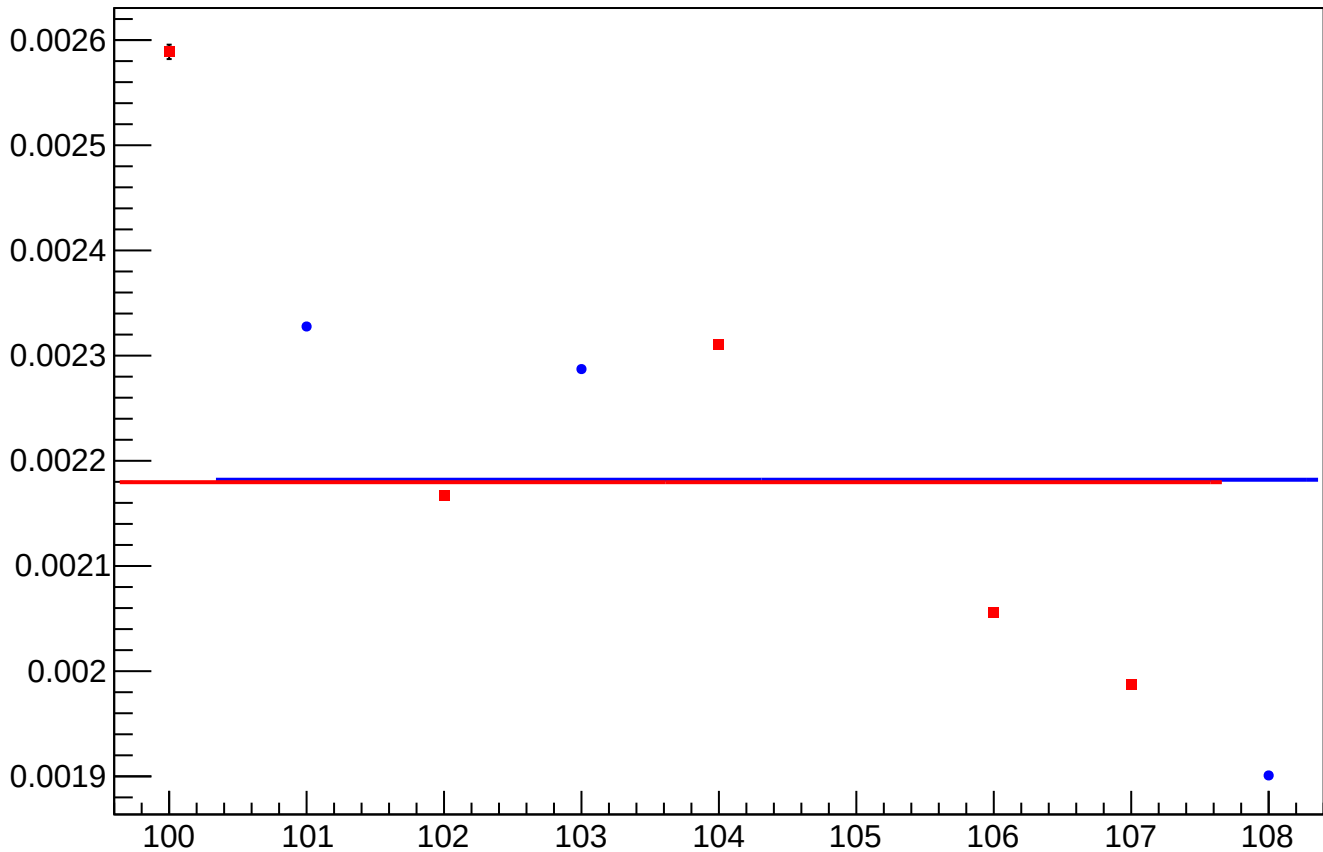
Right: 1.650+/-0.000 χ^2/NDF : 8404125690.0/7

In: 1.691+/-0.000 χ^2/NDF : 108824013.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.650+/-0.000 χ^2/NDF : 8404125690.0/7

yield_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 22996.9/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 11990.7/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

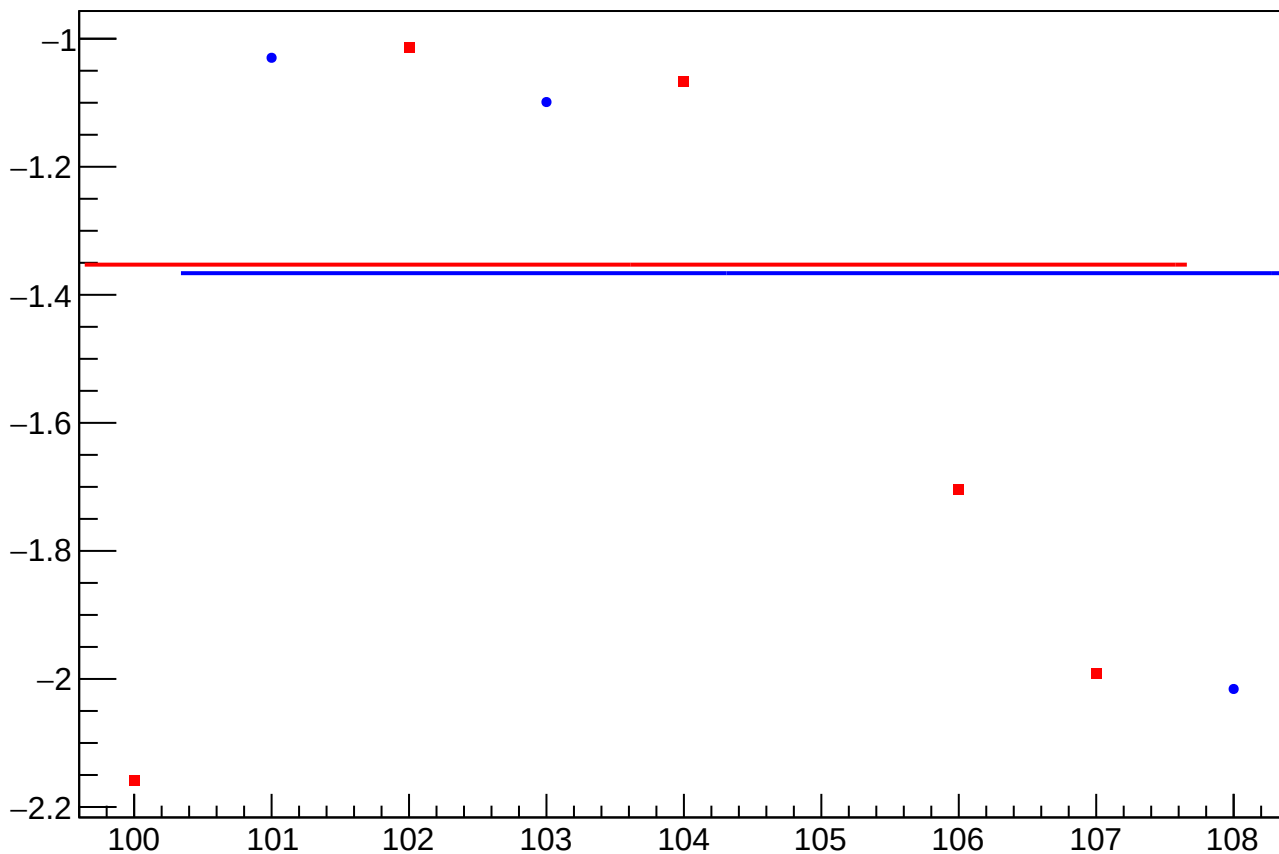
Right: 0.002+/-0.000 χ^2/NDF : 34989.4/7

In: 0.002+/-0.000 χ^2/NDF :22996.9/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 34989.4/7

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.366+/-0.000 χ^2/NDF : 6800396017.9/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.353+/-0.000 χ^2/NDF : 6457242340.2/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

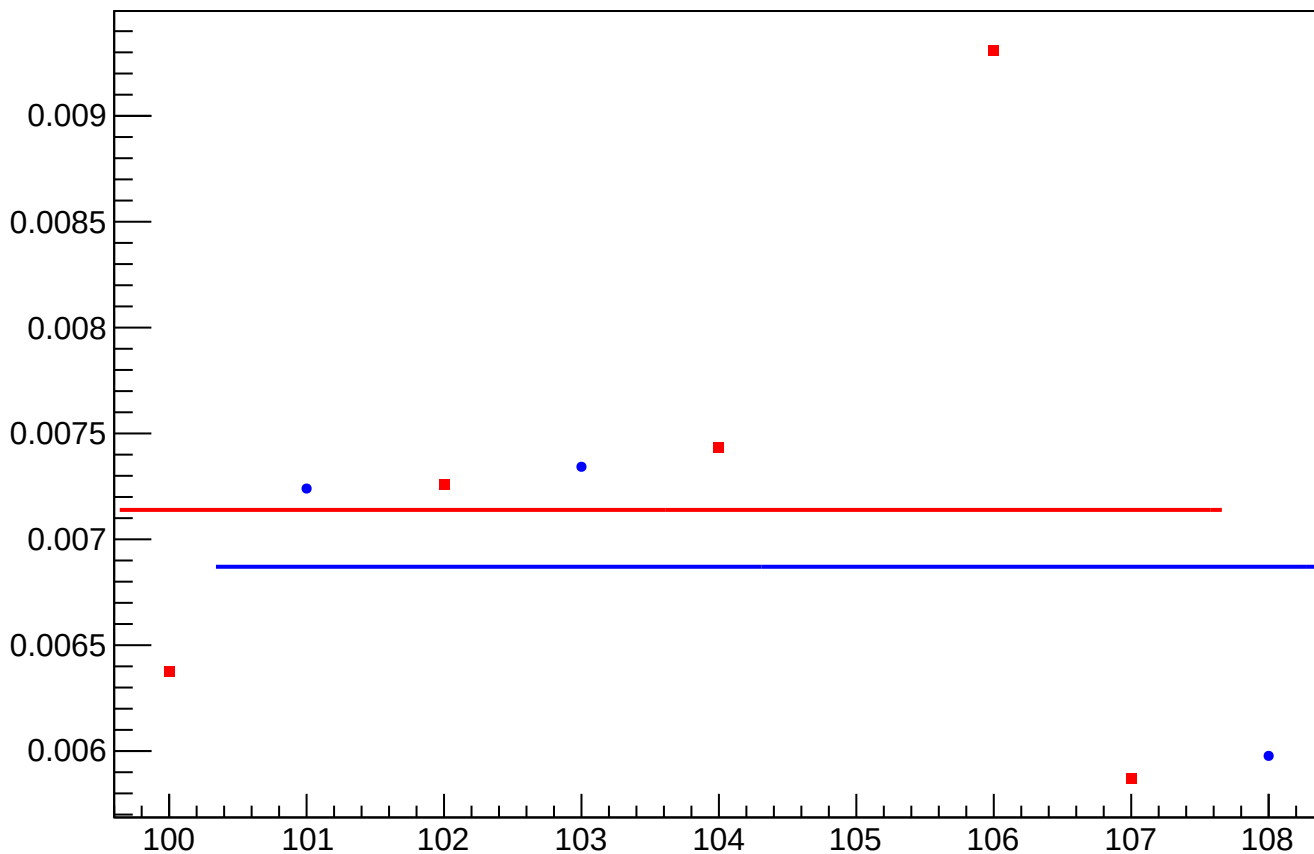
Right: -1.360+/-0.000 χ^2/NDF : 13260623308.0/7

In: -1.366+/-0.000 χ^2/NDF :6800396017.9/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.360+/-0.000 χ^2/NDF : 13260623308.0/7

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 25743.8/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 52012.5/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

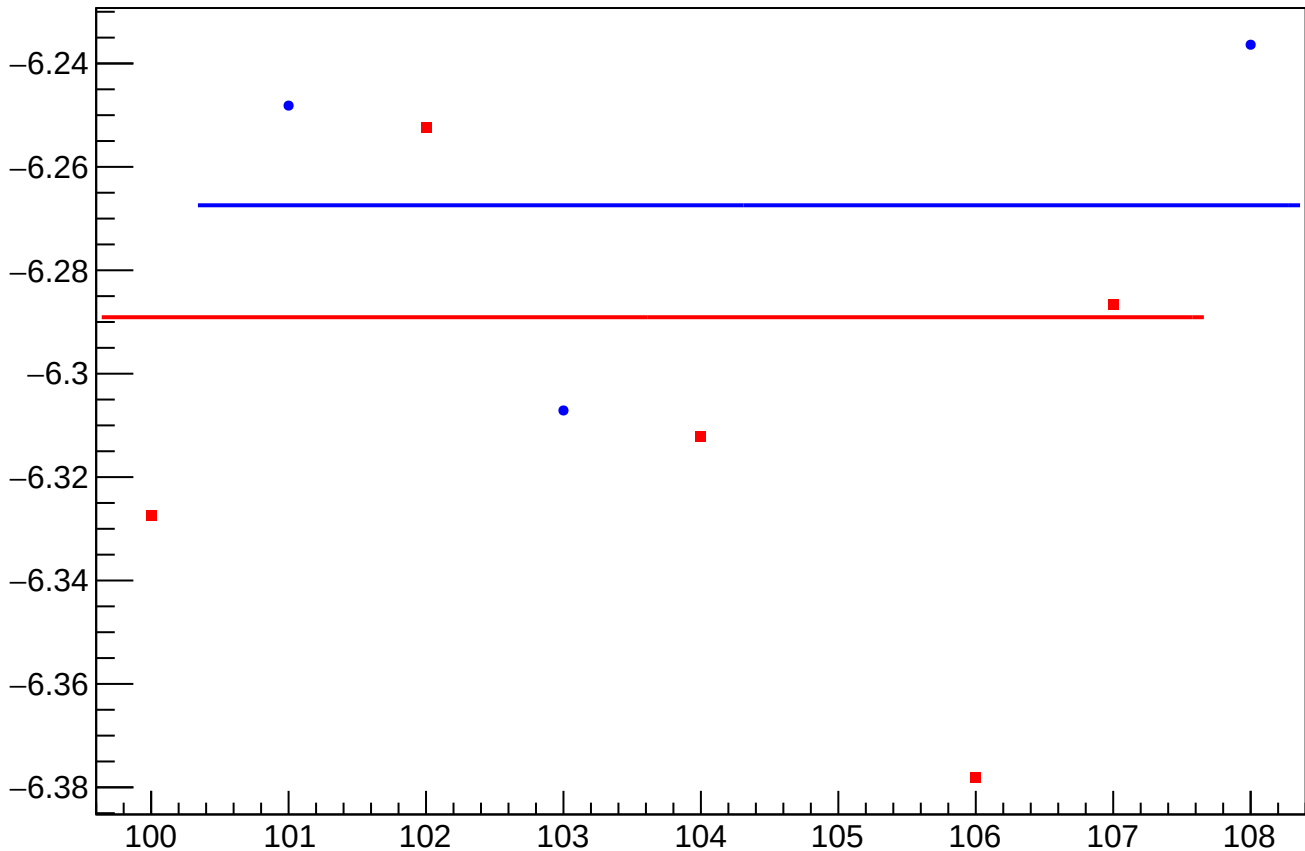
Right: 0.007+/-0.000 χ^2/NDF : 80177.0/7

In: 0.007+/-0.000 χ^2/NDF :25743.8/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 80177.0/7

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -6.267+/-0.000 χ^2/NDF : 53158073.3/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -6.289+/-0.000 χ^2/NDF : 80098576.1/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

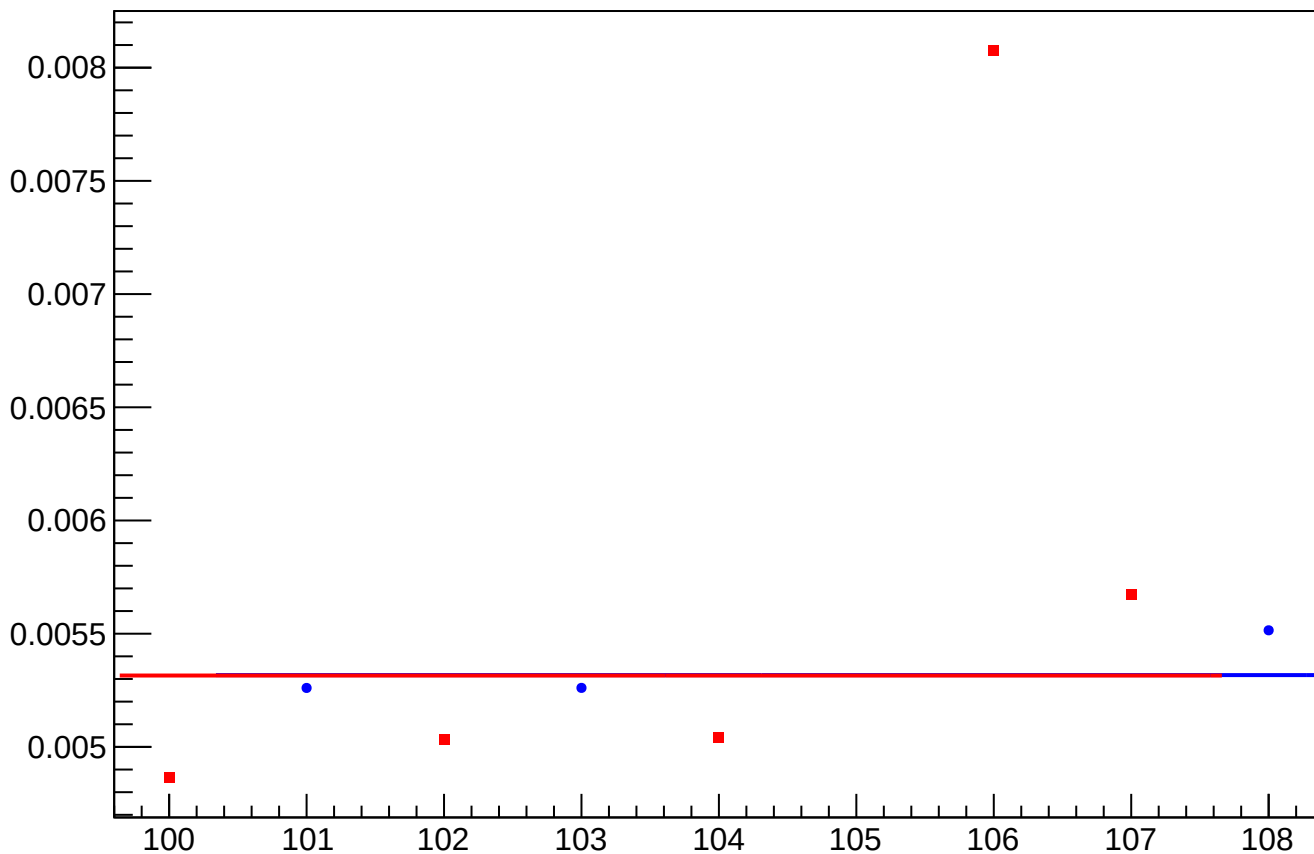
Right: -6.278+/-0.000 χ^2/NDF : 146636789.6/7

In: -6.267+/-0.000 χ^2/NDF :53158073.3/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.278+/-0.000 χ^2/NDF : 146636789.6/7

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1252.6/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 71782.6/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

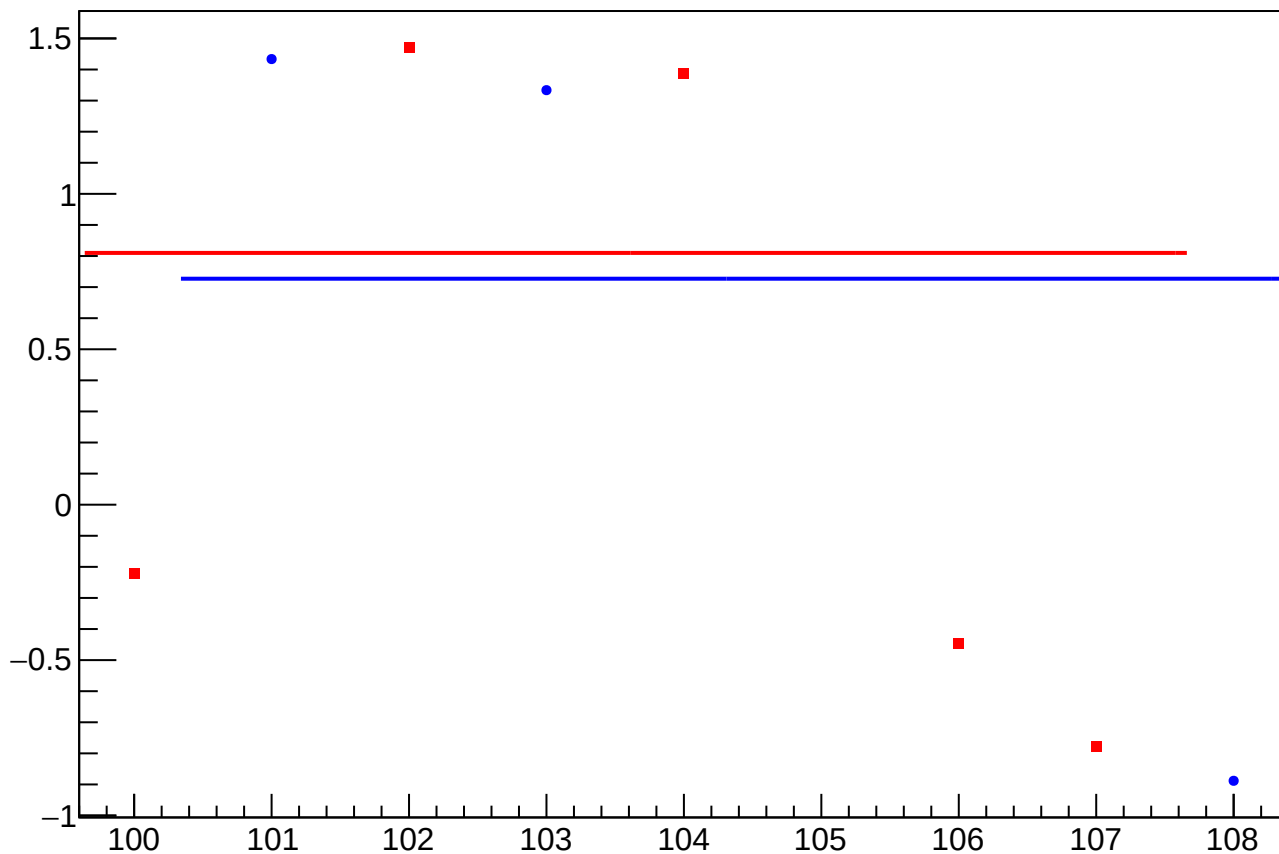
Right: 0.005+/-0.000 χ^2/NDF : 73035.4/7

In: 0.005+/-0.000 χ^2/NDF :1252.6/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 73035.4/7

yield_bpm0l02X_mean vs Slug, Sign Corrected



Right In: 0.727+/-0.000 χ^2/NDF : 8575370591.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.810+/-0.000 χ^2/NDF : 7044351379.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

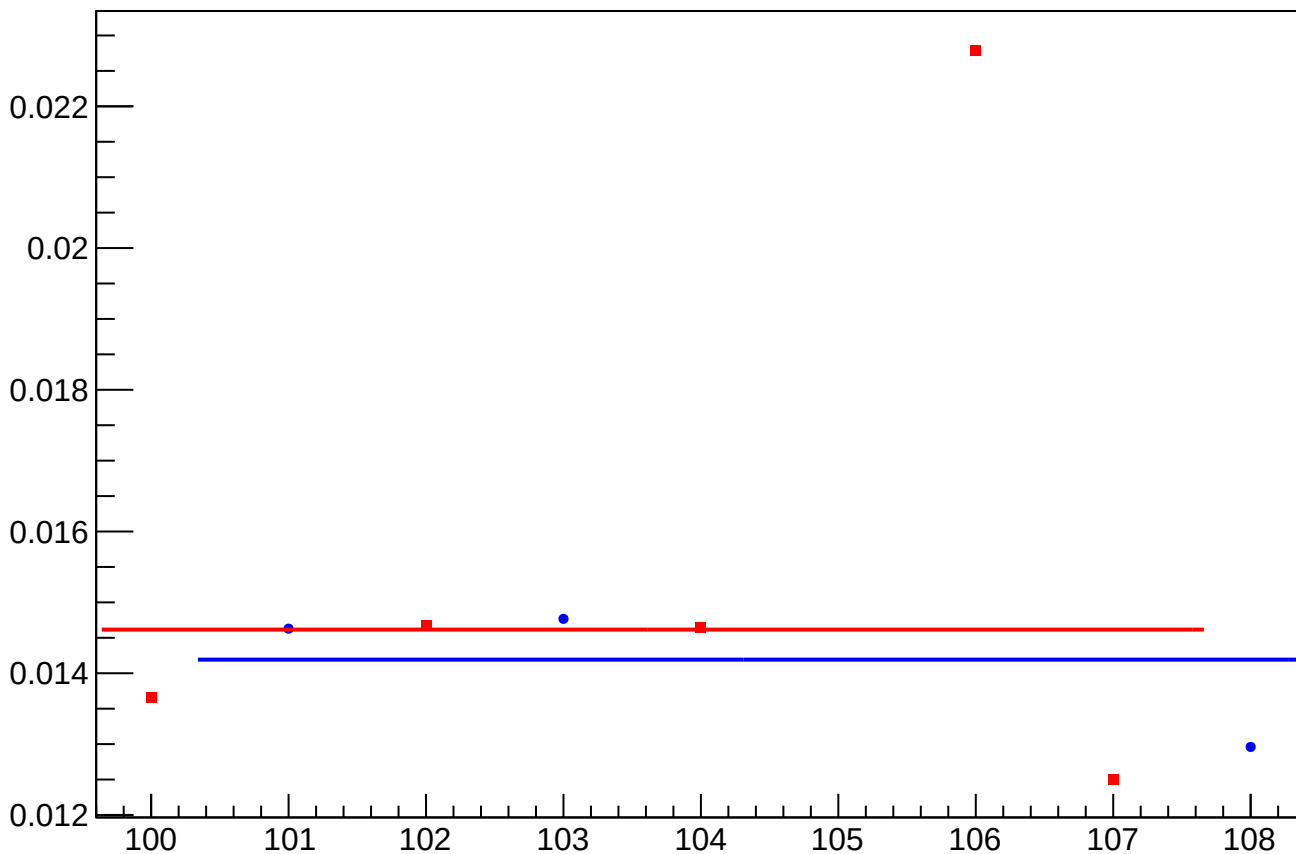
Right: 0.768+/-0.000 χ^2/NDF : 15646870048.4/7

In: 0.727+/-0.000 χ^2/NDF : 8575370591.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.768+/-0.000 χ^2/NDF : 15646870048.4/7

yield_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 10015.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 69937.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

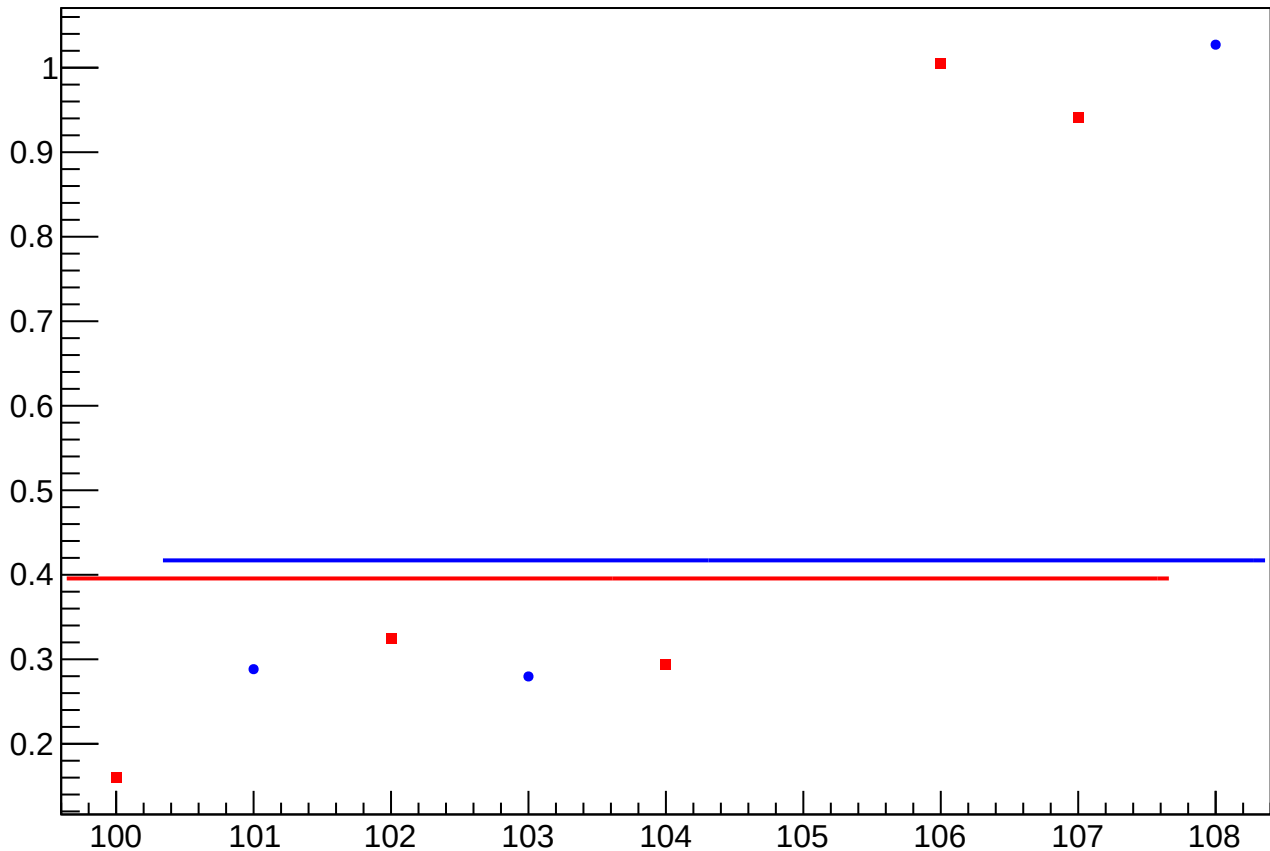
Right: 0.014+/-0.000 χ^2/NDF : 81370.2/7

In: 0.014+/-0.000 χ^2/NDF : 10015.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 81370.2/7

yield_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 0.417+/-0.000 χ^2/NDF : 2646063676.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.396+/-0.000 χ^2/NDF : 1888908636.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

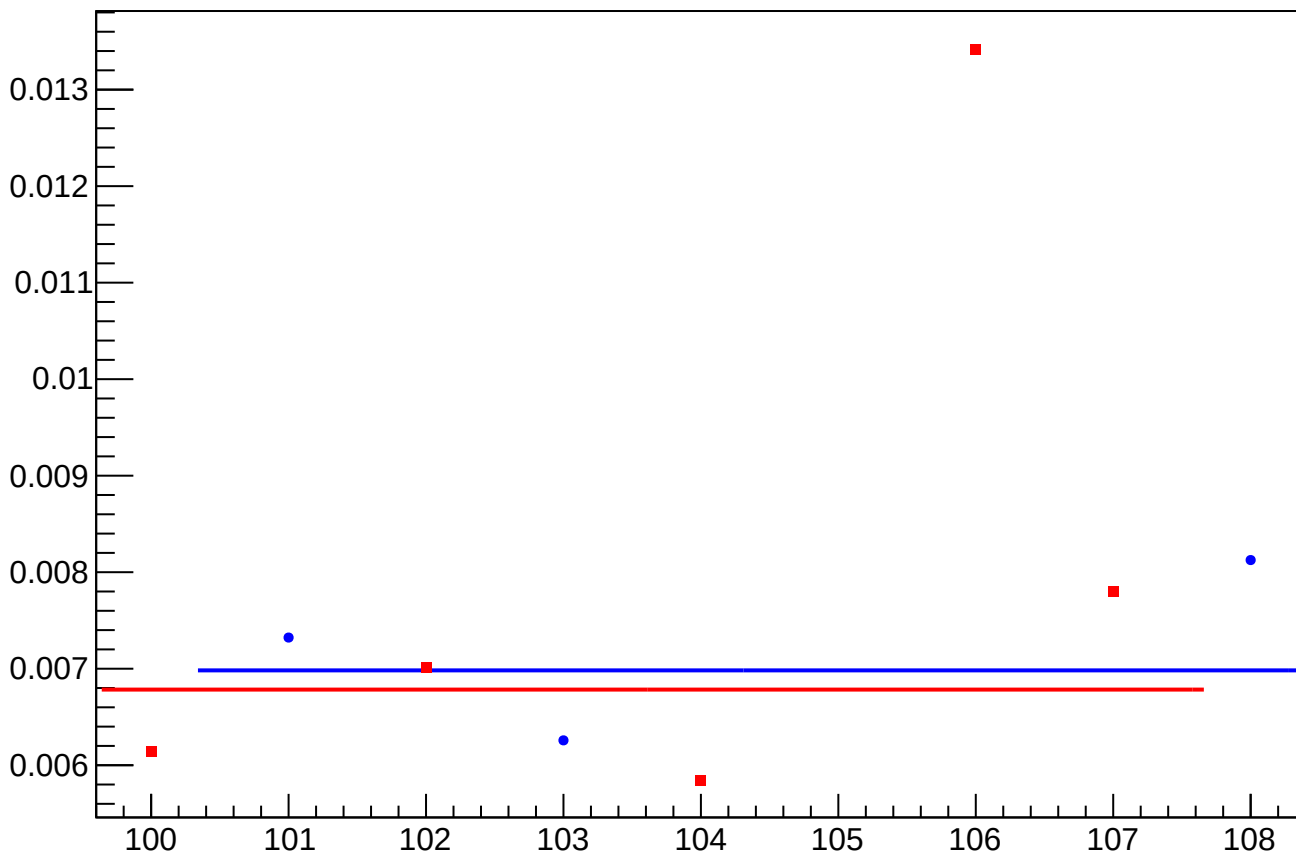
Right: 0.406+/-0.000 χ^2/NDF : 4542579910.9/7

In: 0.417+/-0.000 χ^2/NDF : 2646063676.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.406+/-0.000 χ^2/NDF : 4542579910.9/7

yield_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 33503.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 138793.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

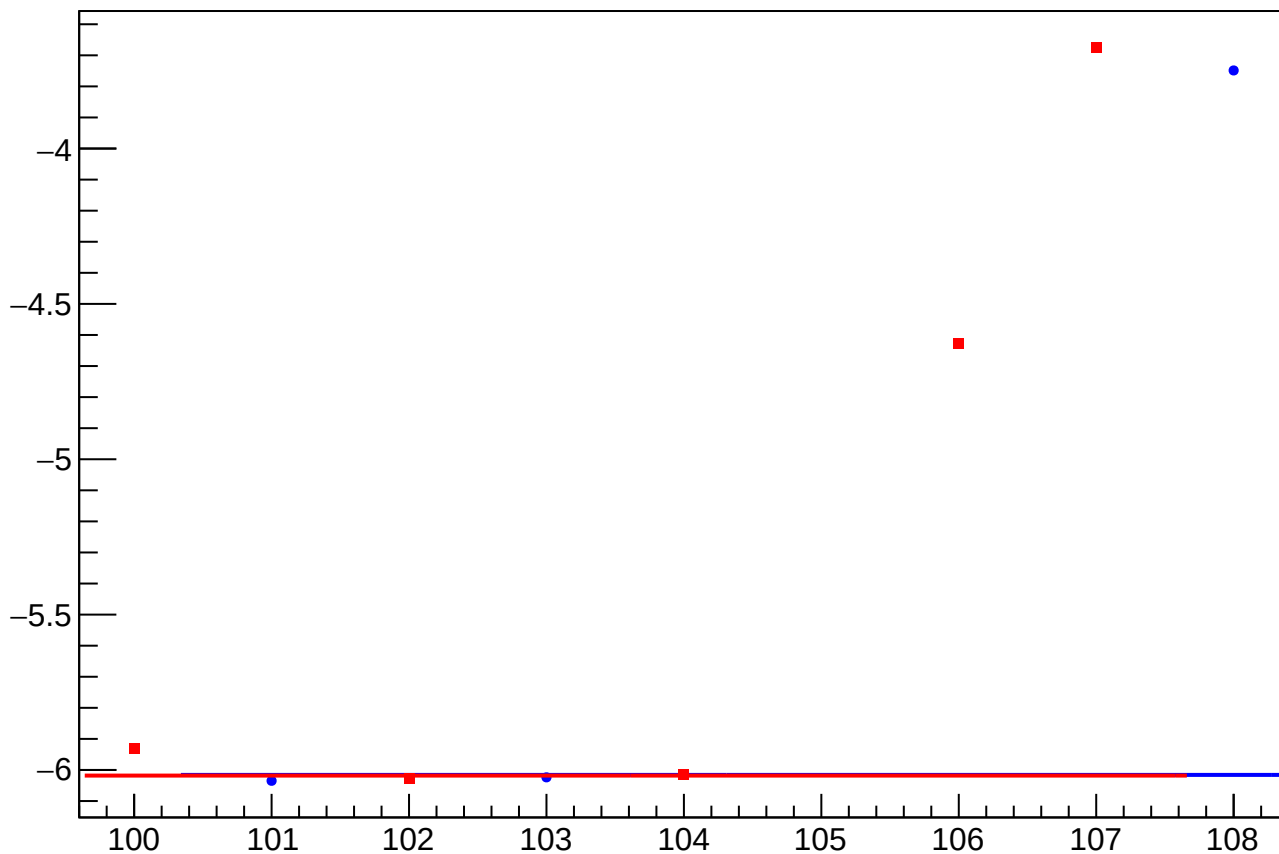
Right: 0.007+/-0.000 χ^2/NDF : 173614.1/7

In: 0.007+/-0.000 χ^2/NDF : 33503.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 173614.1/7

yield_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -6.016+/-0.000 χ^2/NDF : 1451333110.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.018+/-0.000 χ^2/NDF : 106022178.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

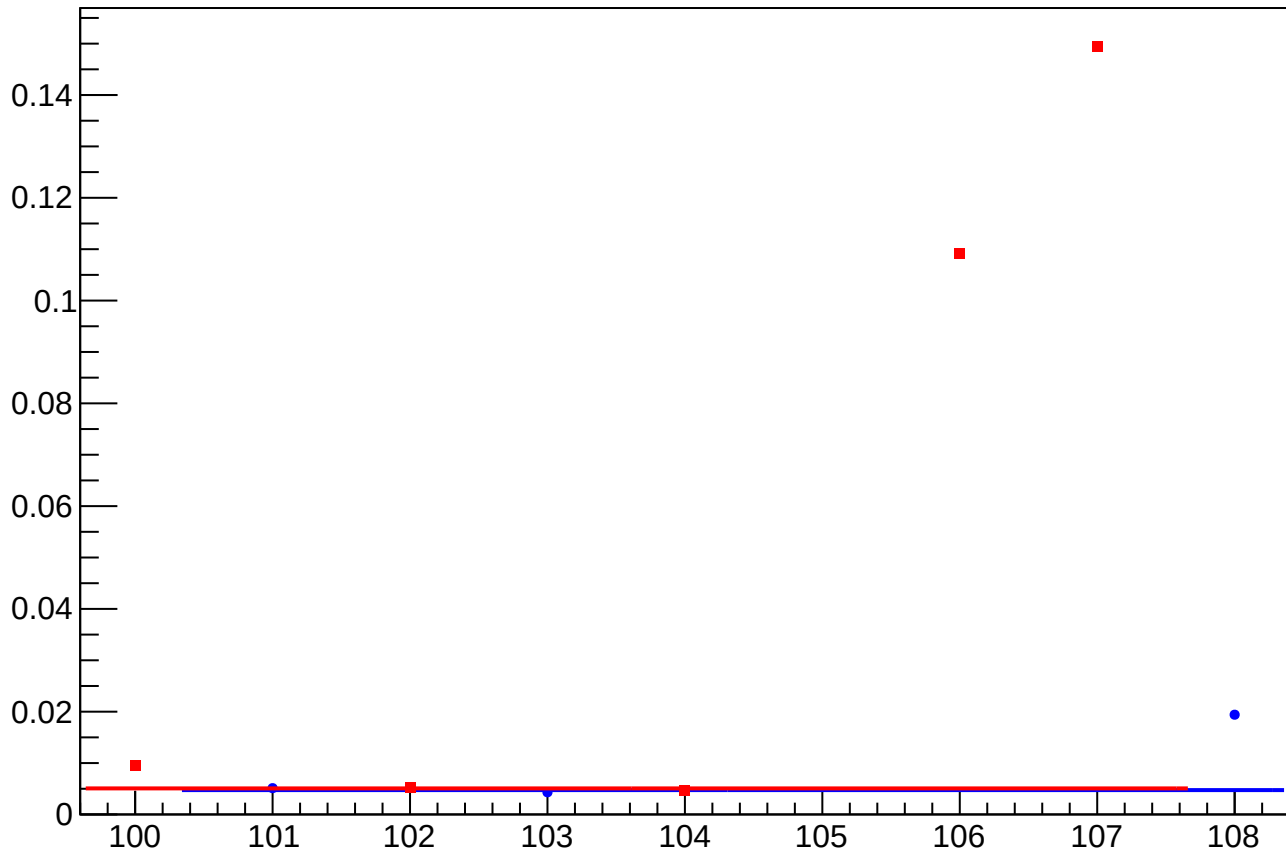
Right: -6.017+/-0.000 χ^2/NDF : 1557464842.5/7

In: -6.016+/-0.000 χ^2/NDF : 1451333110.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.017+/-0.000 χ^2/NDF : 1557464842.5/7

yield_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 137373.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 957622.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

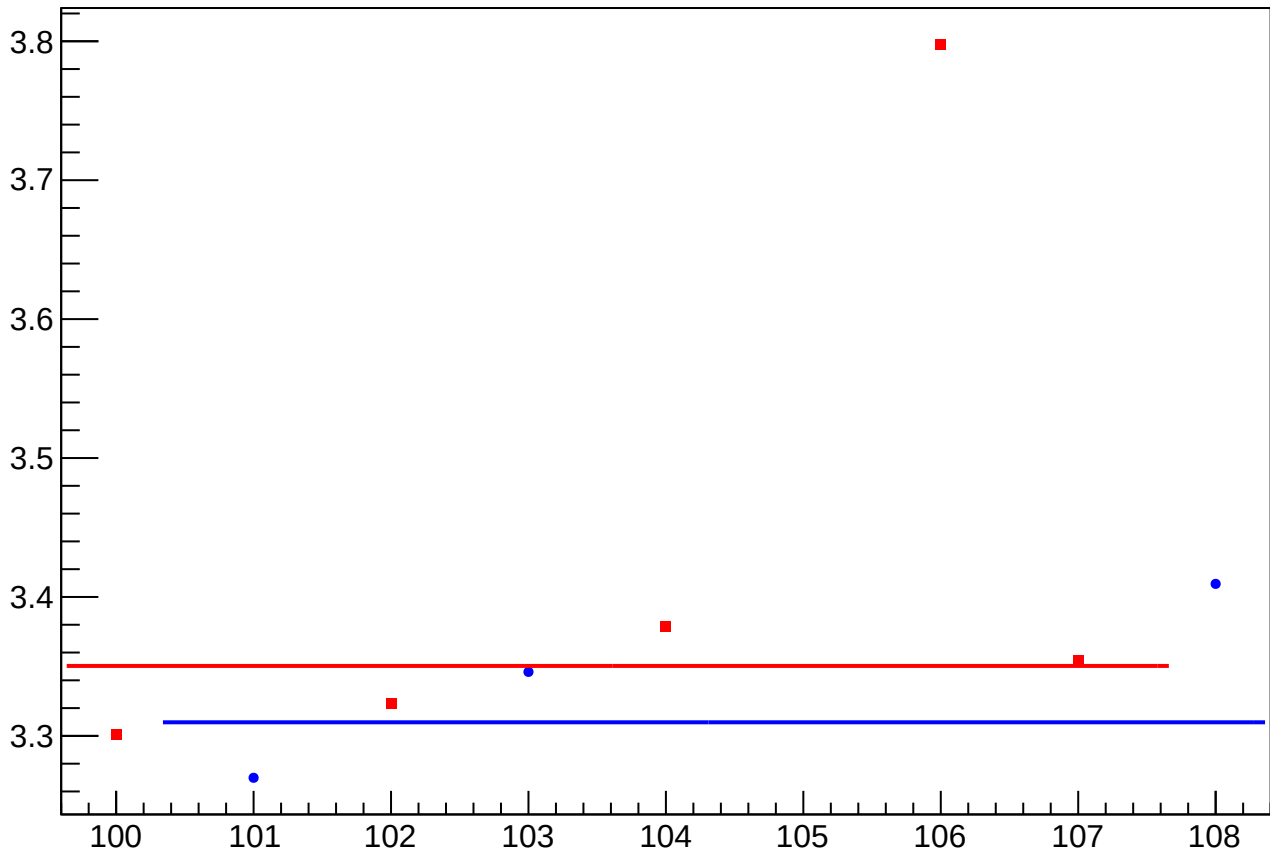
Right: 0.005+/-0.000 χ^2/NDF : 1099949.1/7

In: 0.005+/-0.000 χ^2/NDF : 137373.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1099949.1/7

yield_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: 3.310 $\pm$ 0.000 χ^2 /NDF: 44993127.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.350 $\pm$ 0.000 χ^2 /NDF: 27142316.8/4

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

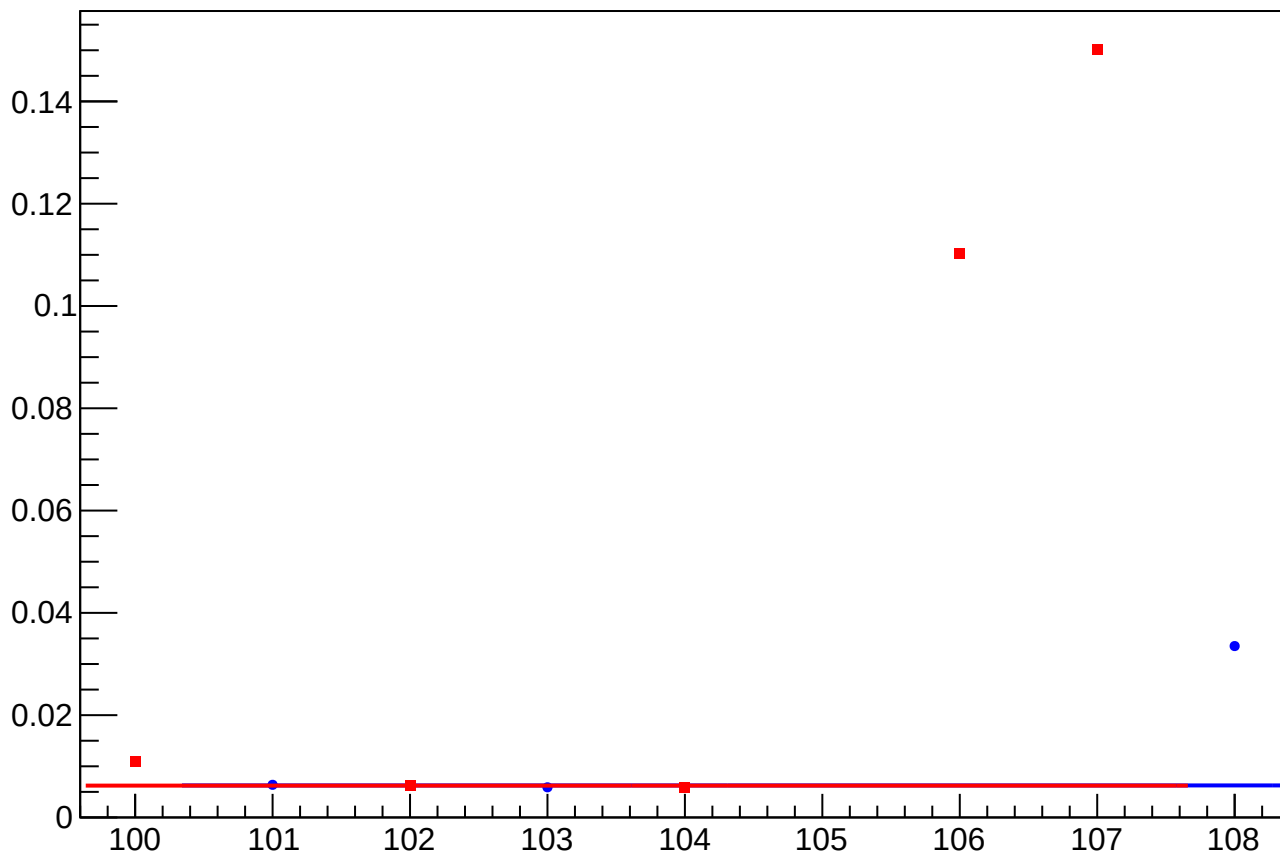
Right: 3.329 $\pm$ 0.000 χ^2 /NDF: 96172900.3/7

In: 3.310 $\pm$ 0.000 χ^2 /NDF:44993127.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.329 $\pm$ 0.000 χ^2 /NDF: 96172900.3/7

yield_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 220942.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 933001.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

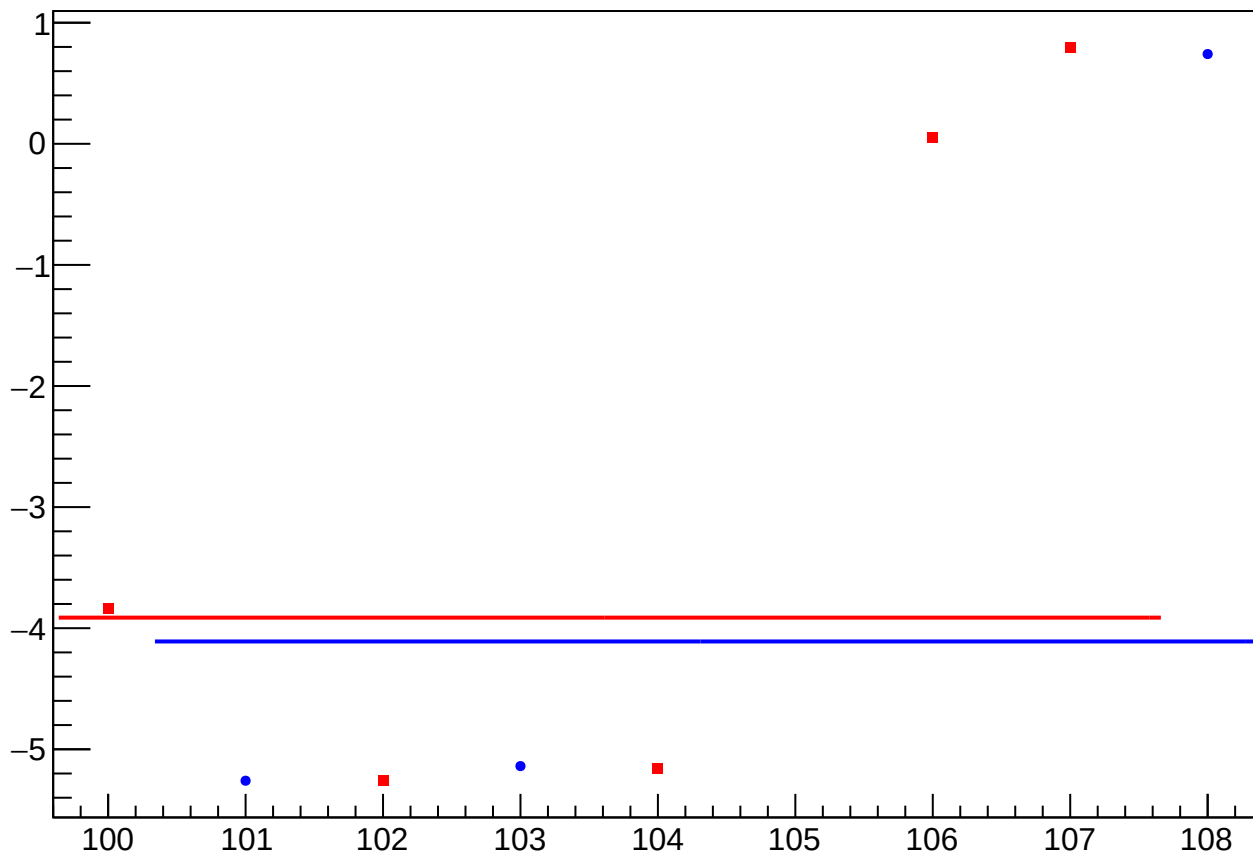
Right: 0.006+/-0.000 χ^2/NDF : 1153982.3/7

In: 0.006+/-0.000 χ^2/NDF : 220942.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1153982.3/7

yield_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -4.110+/-0.000 χ^2/NDF : 55023523600.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.913+/-0.000 χ^2/NDF : 58750501122.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

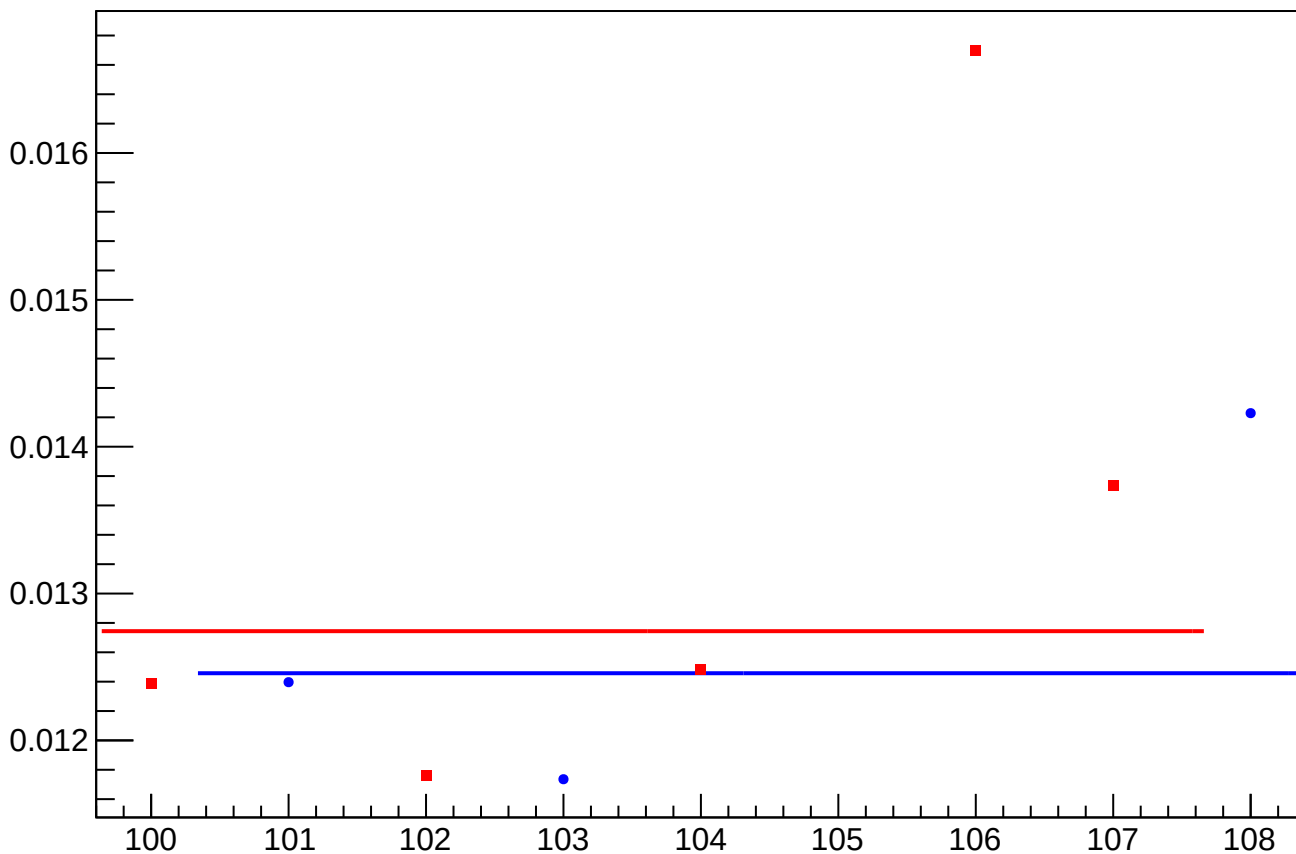
Right: -4.010+/-0.000 χ^2/NDF : 113978909761.2/7

In: -4.110+/-0.000 χ^2/NDF : 55023523600.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.010+/-0.000 χ^2/NDF : 113978909761.2

yield_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 16516.8/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 46282.2/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

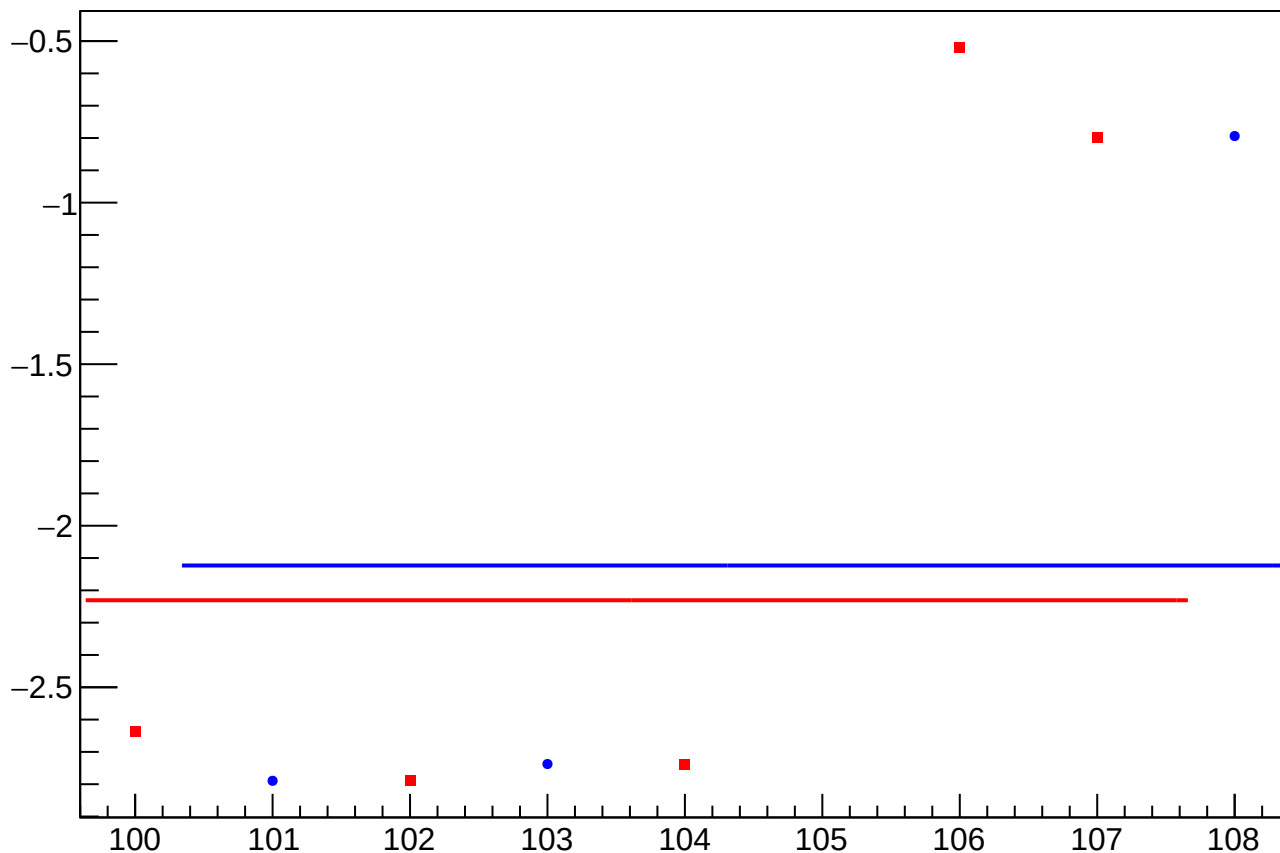
Right: 0.013+/-0.000 χ^2/NDF : 63666.7/7

In: 0.012+/-0.000 χ^2/NDF :16516.8/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.013+/-0.000 χ^2/NDF : 63666.7/7

yield_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -2.123+/-0.000 χ^2/NDF : 101959486483.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.231+/-0.000 χ^2/NDF : 96471688035.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

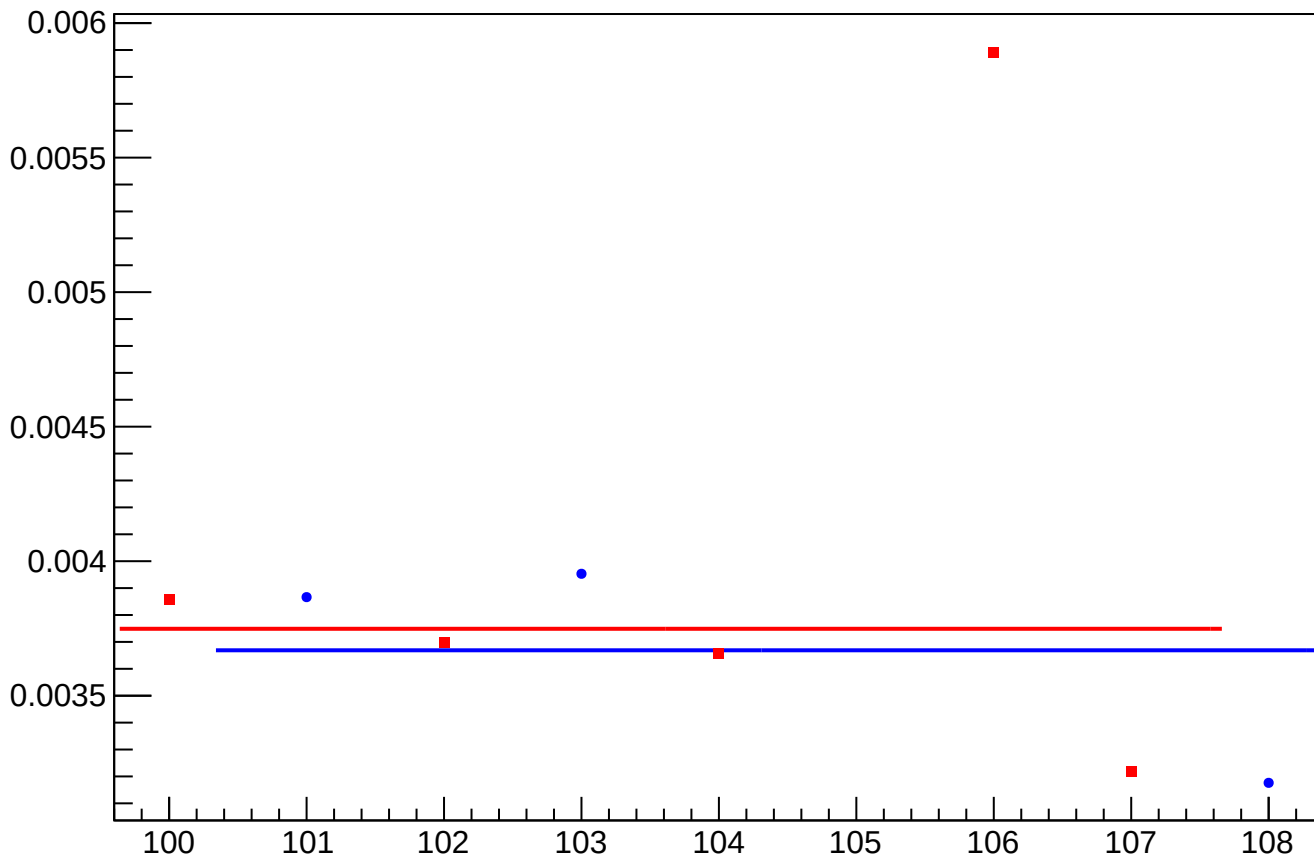
Right: -2.177+/-0.000 χ^2/NDF : 199125509557.5/7

In: -2.123+/-0.000 χ^2/NDF : 101959486483.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.177+/-0.000 χ^2/NDF : 199125509557.5/7

yield_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 28299.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 88851.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

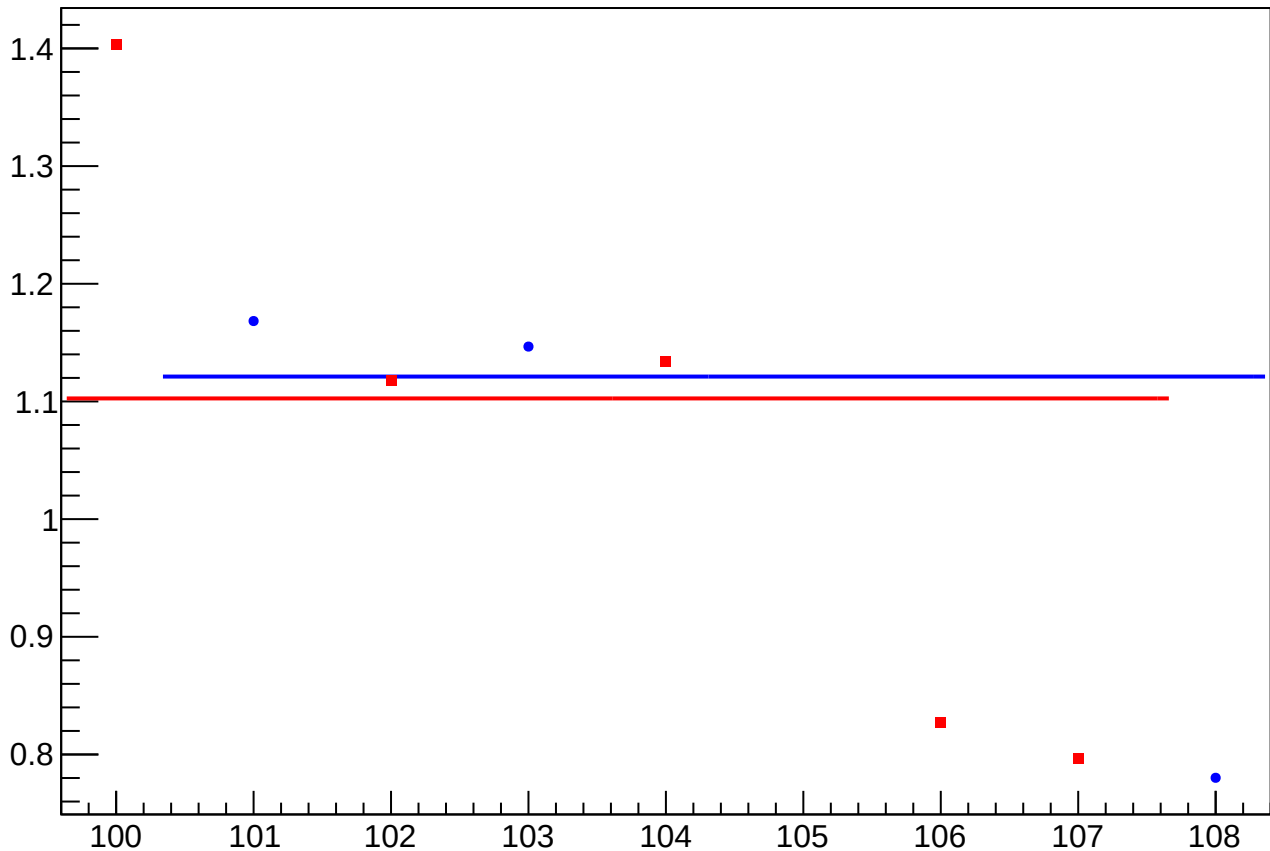
Right: 0.004+/-0.000 χ^2/NDF : 117917.7/7

In: 0.004+/-0.000 χ^2/NDF : 28299.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 117917.7/7

yield_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 1.121+/-0.000 χ^2/NDF : 979104114.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.103+/-0.000 χ^2/NDF : 1108057928.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

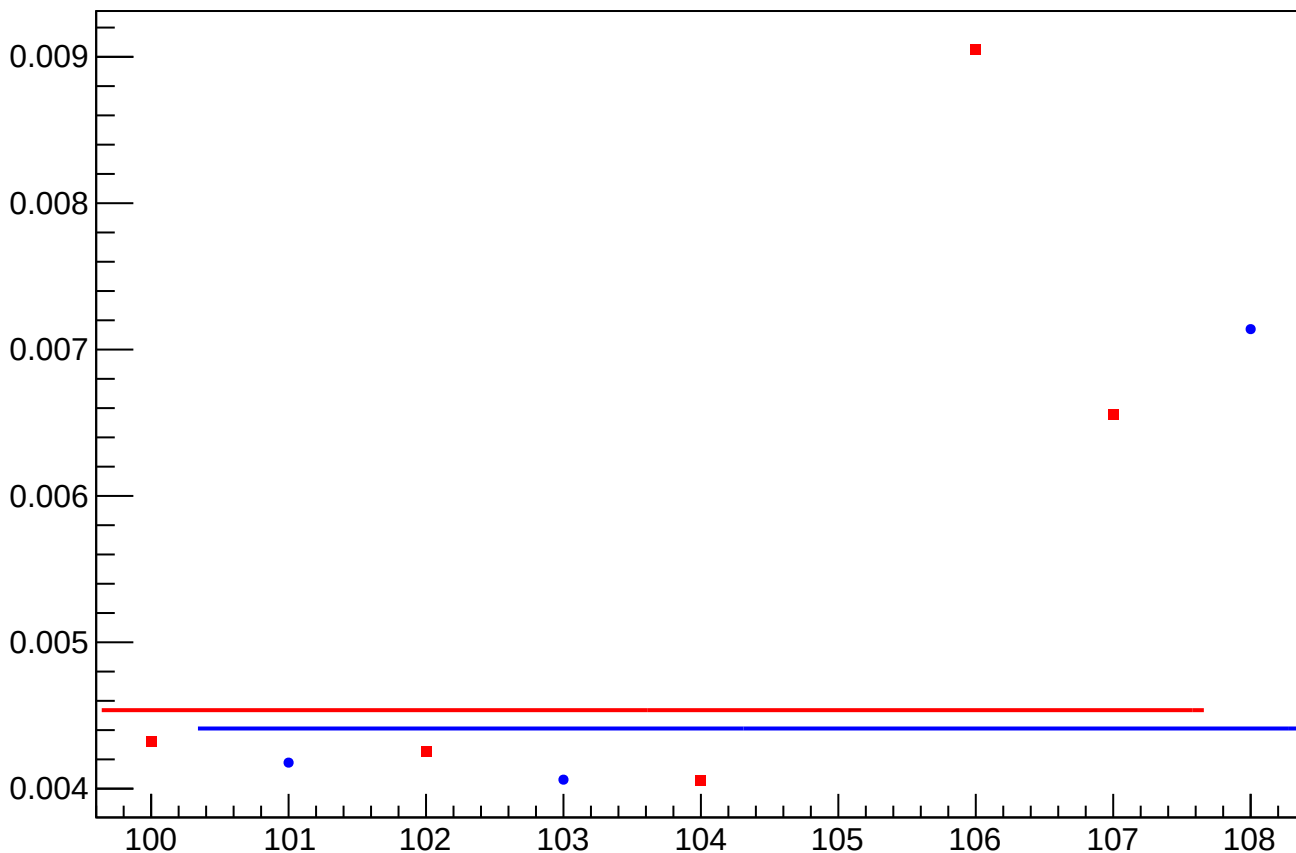
Right: 1.112+/-0.000 χ^2/NDF : 2100499747.3/7

In: 1.121+/-0.000 χ^2/NDF : 979104114.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.112+/-0.000 χ^2/NDF : 2100499747.3/7

yield_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 124829.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 186435.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

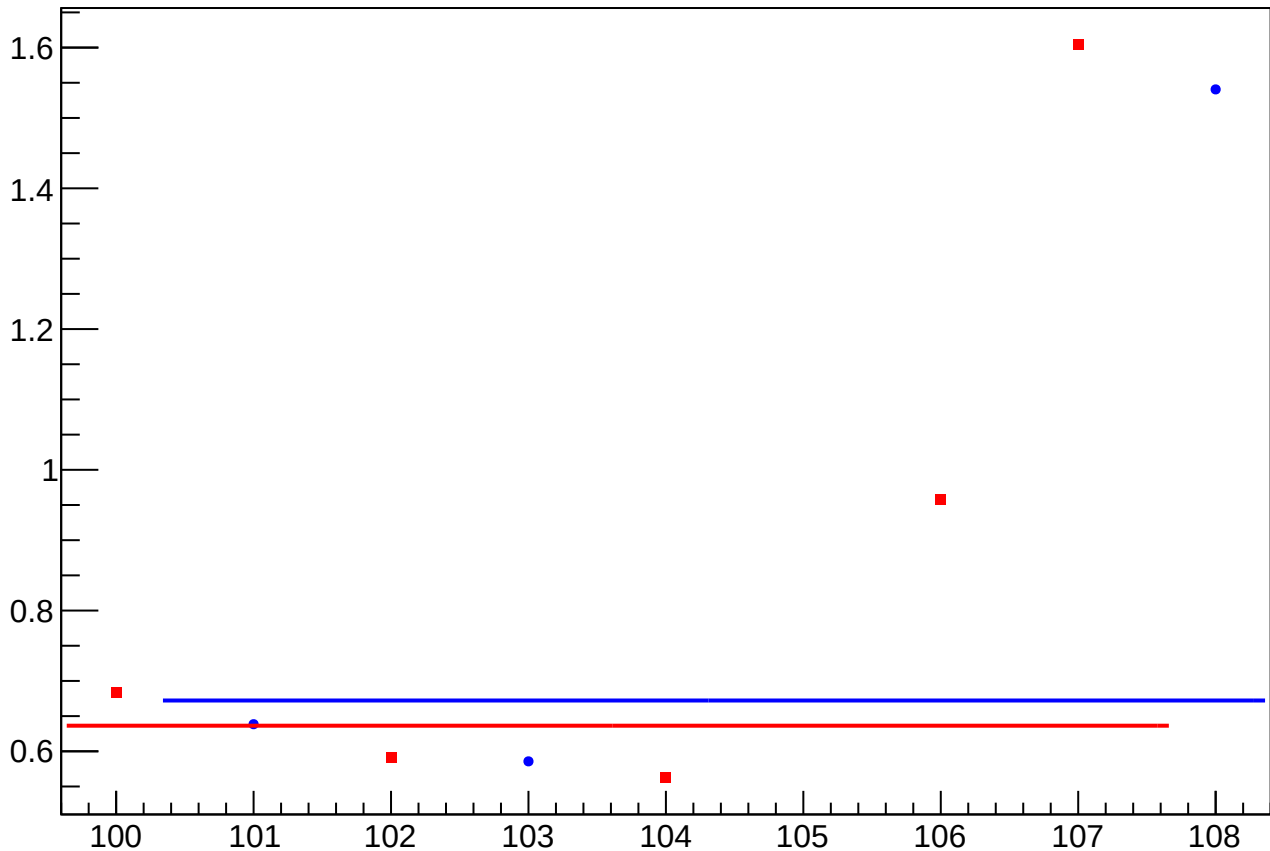
Right: 0.004+/-0.000 χ^2/NDF : 312477.1/7

In: 0.004+/-0.000 χ^2/NDF : 124829.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 312477.1/7

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 0.672+/-0.000 χ^2/NDF : 4763974803.6/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.636+/-0.000 χ^2/NDF : 3983359561.7/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

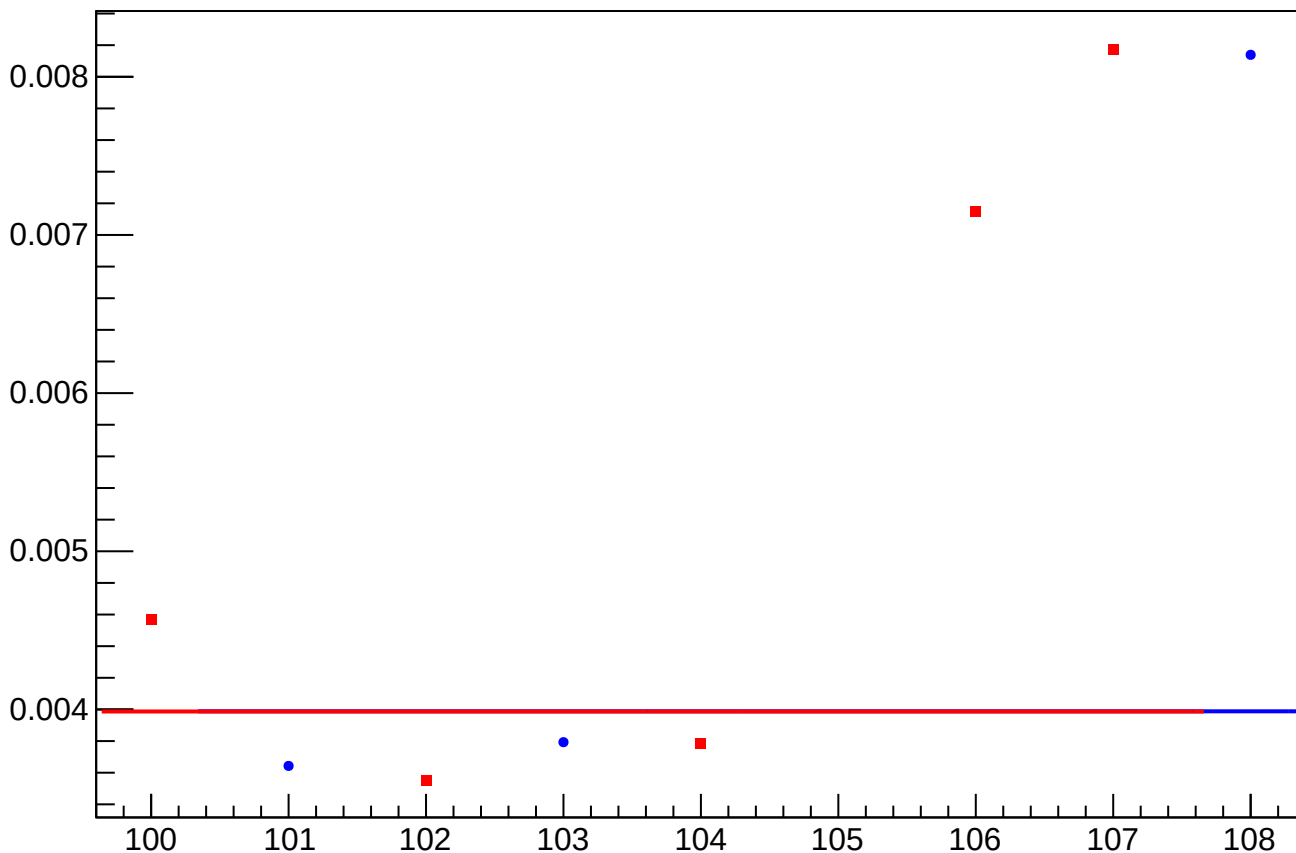
Right: 0.654+/-0.000 χ^2/NDF : 8807517695.6/7

In: 0.672+/-0.000 χ^2/NDF :4763974803.6/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.654+/-0.000 χ^2/NDF : 8807517695.6/7

yield_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 215890.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 221696.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

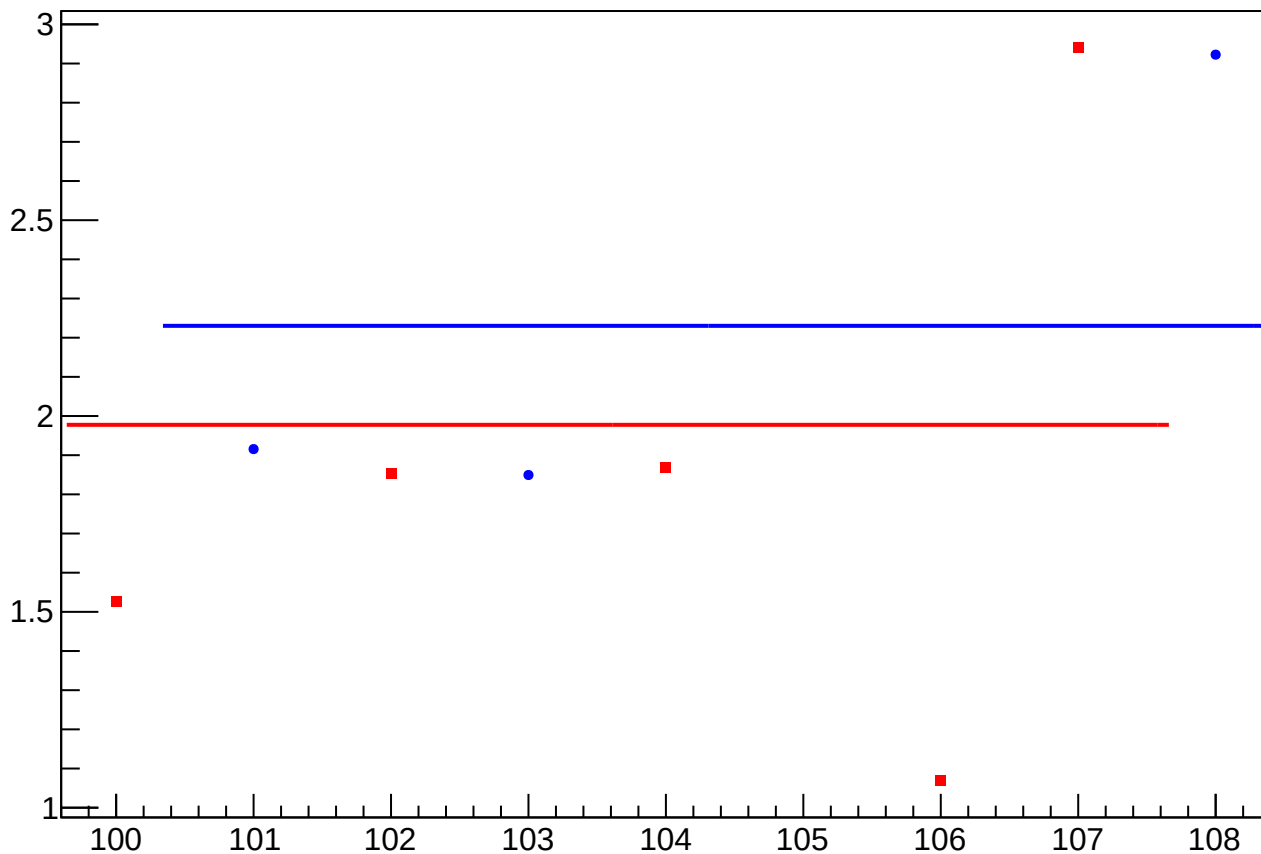
Right: 0.004+/-0.000 χ^2/NDF : 437586.9/7

In: 0.004+/-0.000 χ^2/NDF : 215890.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 437586.9/7

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 2.230+/-0.000

χ^2/NDF : 7463790213.7/2

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 2.102+/-0.000

χ^2/NDF : 19064904720.8/7

Right Out: 1.978+/-0.000

χ^2/NDF : 10602992472.8/4

In: 2.230+/-0.000

χ^2/NDF : 7463790213.7/2

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

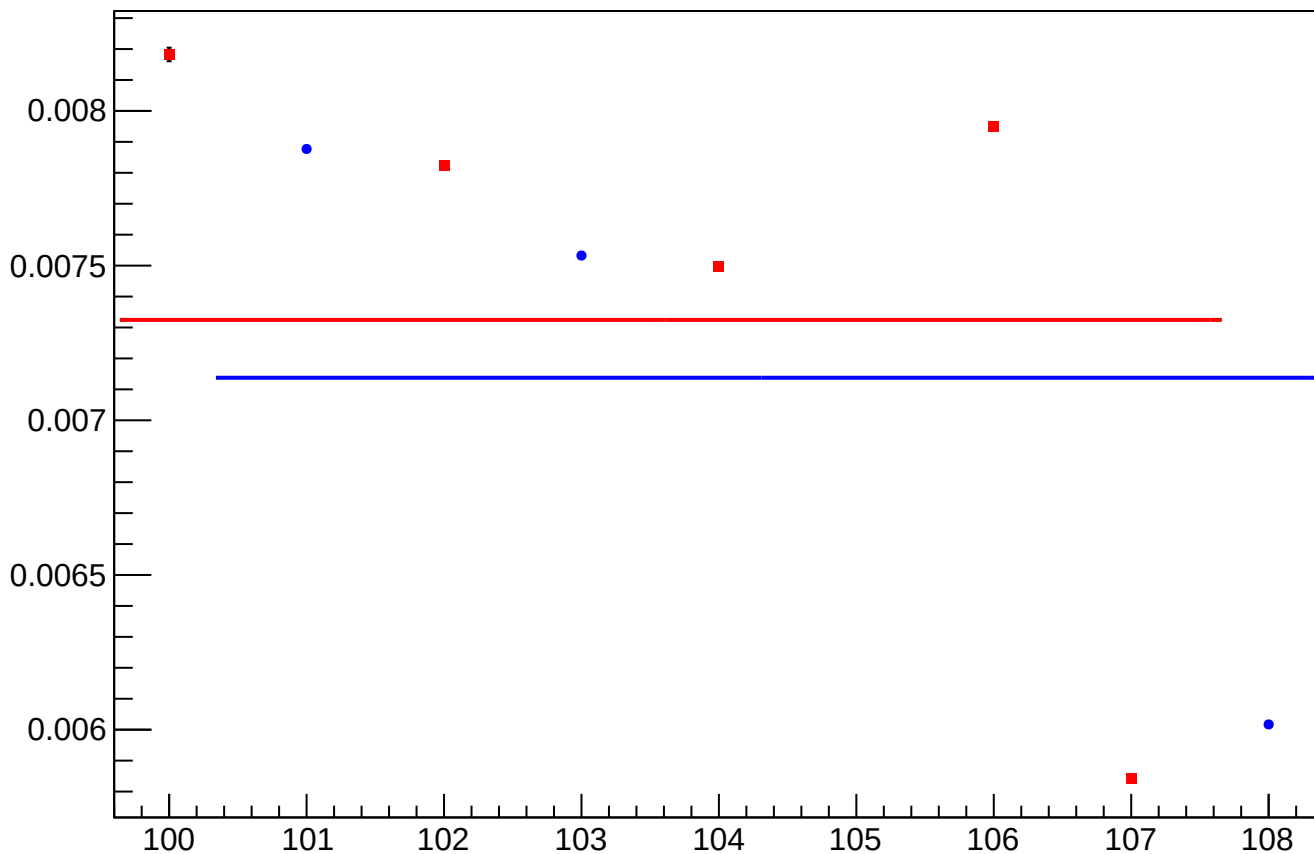
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 2.102+/-0.000

χ^2/NDF : 19064904720.8/7

yield_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 40191.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 41346.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

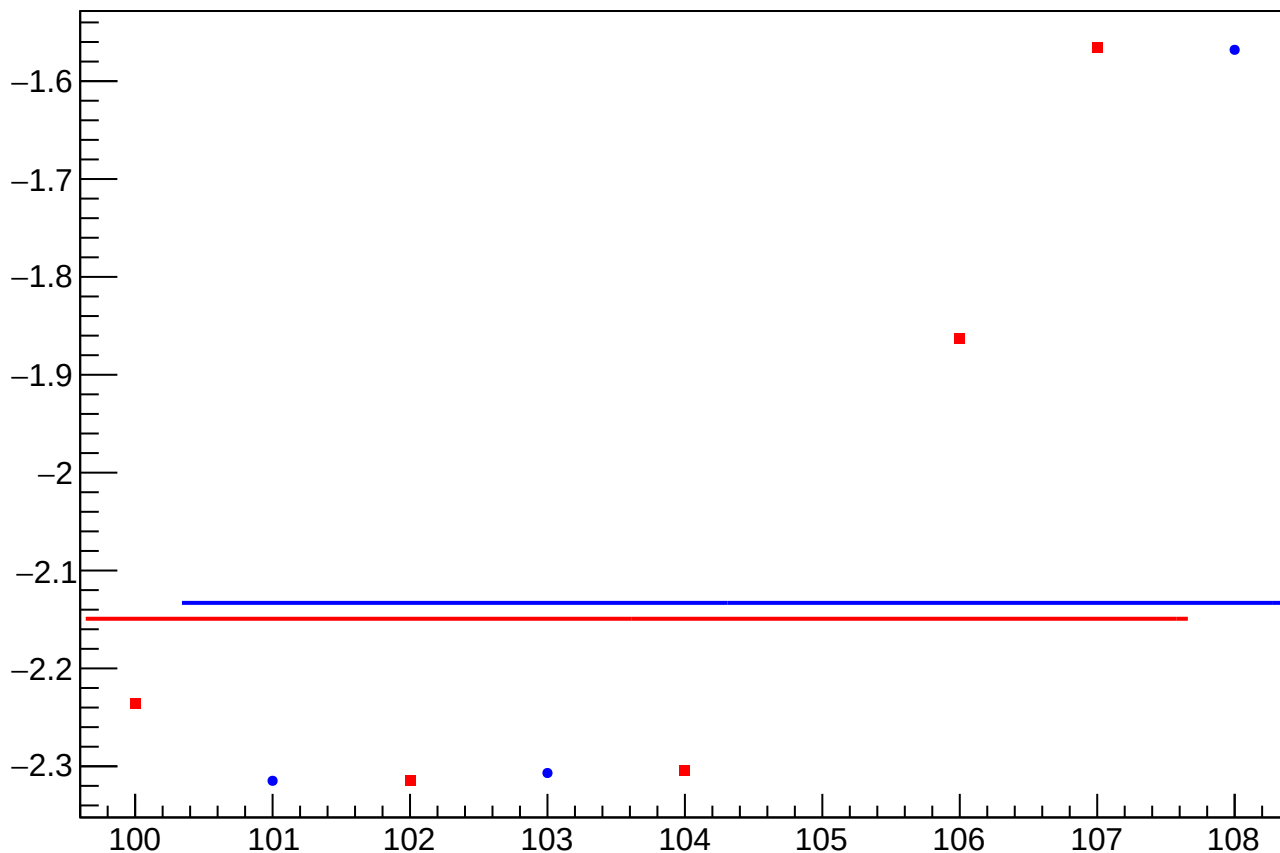
Right: 0.007+/-0.000 χ^2/NDF : 82632.2/7

In: 0.007+/-0.000 χ^2/NDF : 40191.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 82632.2/7

yield_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -2.133+/-0.000 χ^2/NDF : 27712062933.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.149+/-0.000 χ^2/NDF : 21583638284.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

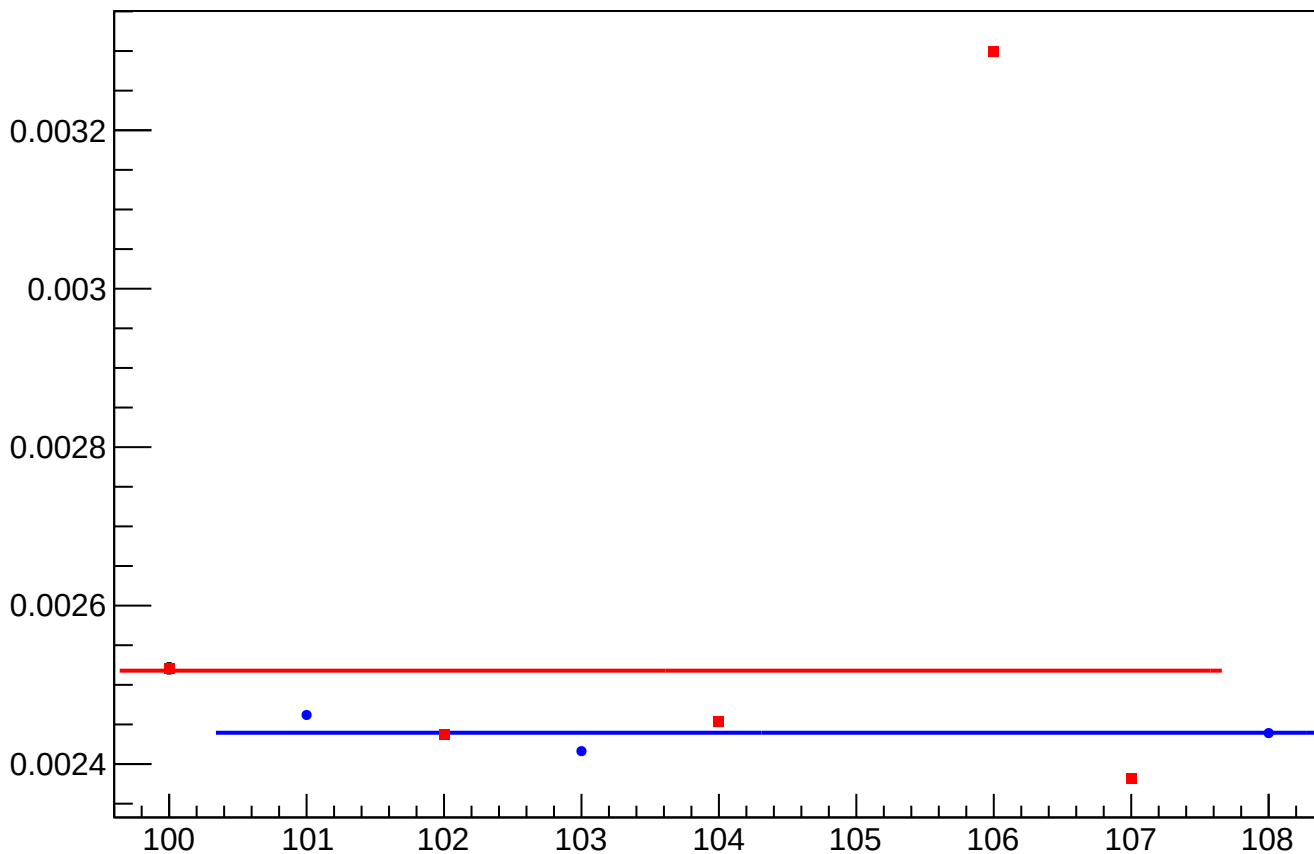
Right: -2.141+/-0.000 χ^2/NDF : 49331814040.2/7

In: -2.133+/-0.000 χ^2/NDF : 27712062933.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.141+/-0.000 χ^2/NDF : 49331814040.2/7

yield_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 218.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 34711.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

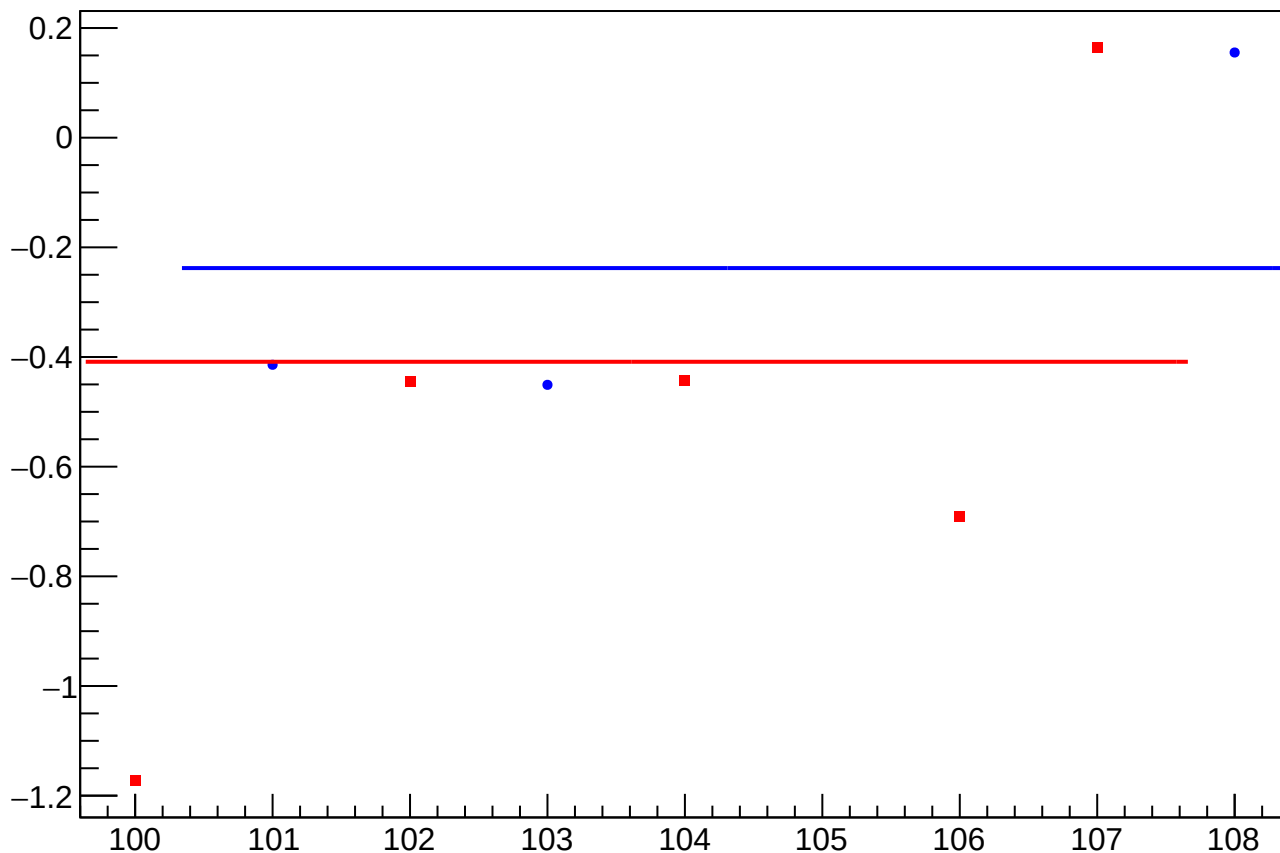
Right: 0.002+/-0.000 χ^2/NDF : 36612.4/7

In: 0.002+/-0.000 χ^2/NDF : 218.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 36612.4/7

yield_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -0.238+/-0.000 χ^2/NDF : 848891686.3/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.409+/-0.000 χ^2/NDF : 1286853947.8/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

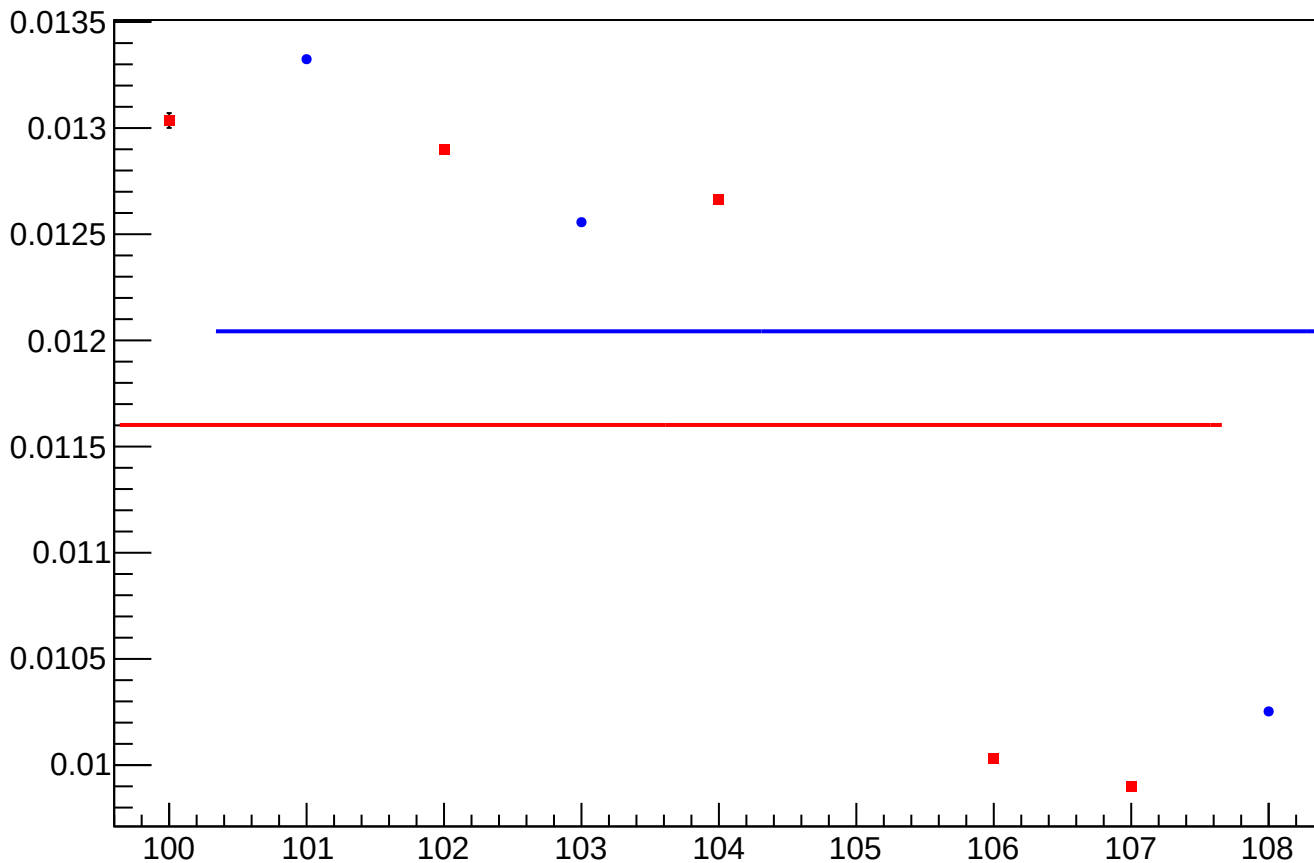
Right: -0.330+/-0.000 χ^2/NDF : 2308681435.0/7

In: -0.238+/-0.000 χ^2/NDF :848891686.3/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.330+/-0.000 χ^2/NDF : 2308681435.0/7

yield_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 37265.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 50534.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

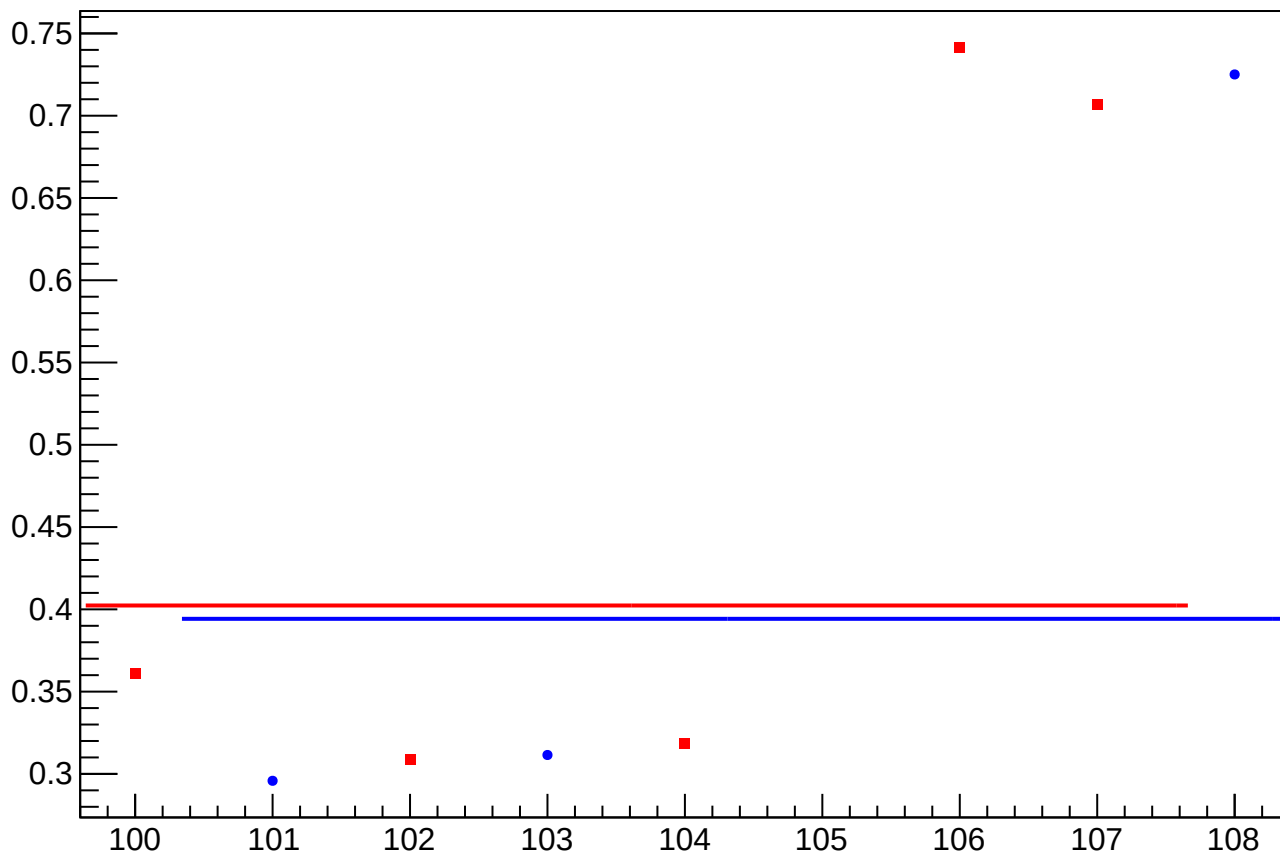
Right: 0.012+/-0.000 χ^2/NDF : 90104.0/7

In: 0.012+/-0.000 χ^2/NDF : 37265.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 90104.0/7

yield_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: 0.394+/-0.000 χ^2/NDF : 8168635993.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.402+/-0.000 χ^2/NDF : 7341583876.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

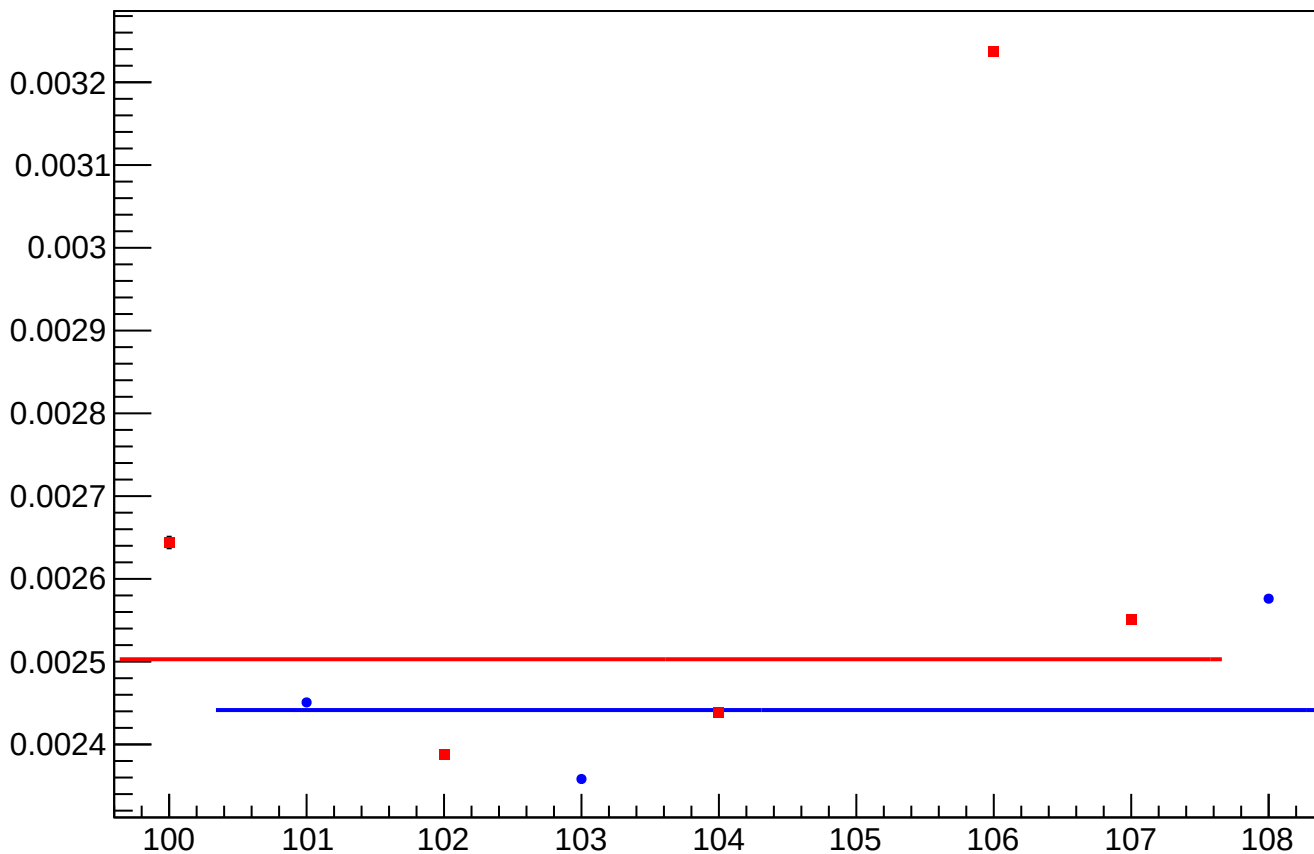
Right: 0.398+/-0.000 χ^2/NDF : 15519028492.9/7

In: 0.394+/-0.000 χ^2/NDF : 8168635993.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.398+/-0.000 χ^2/NDF : 15519028492.9/7

yield_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 3612.4/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 26443.9/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

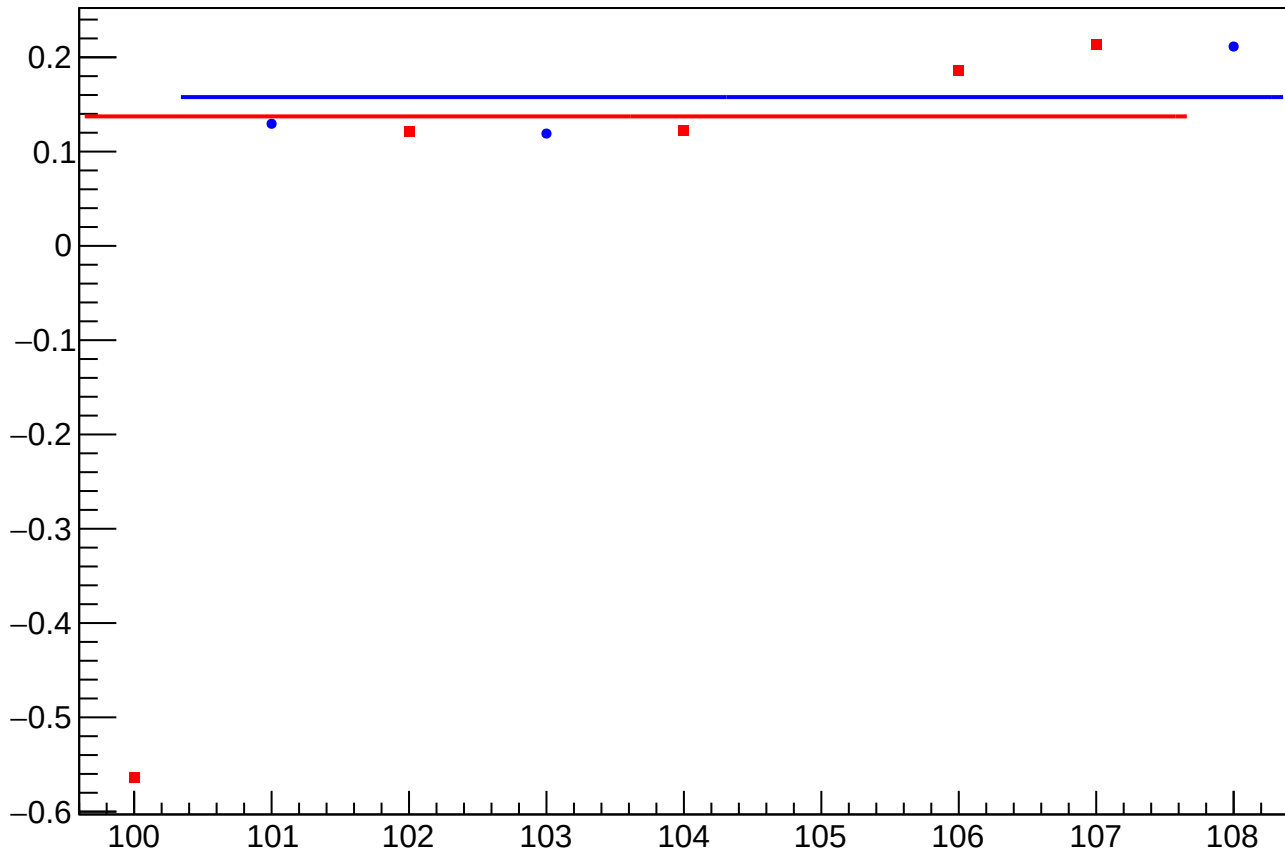
Right: 0.002+/-0.000 χ^2/NDF : 31067.2/7

In: 0.002+/-0.000 χ^2/NDF :3612.4/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 31067.2/7

yield_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 0.158+/-0.000 χ^2/NDF : 24634966.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.137+/-0.000 χ^2/NDF : 280633921.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

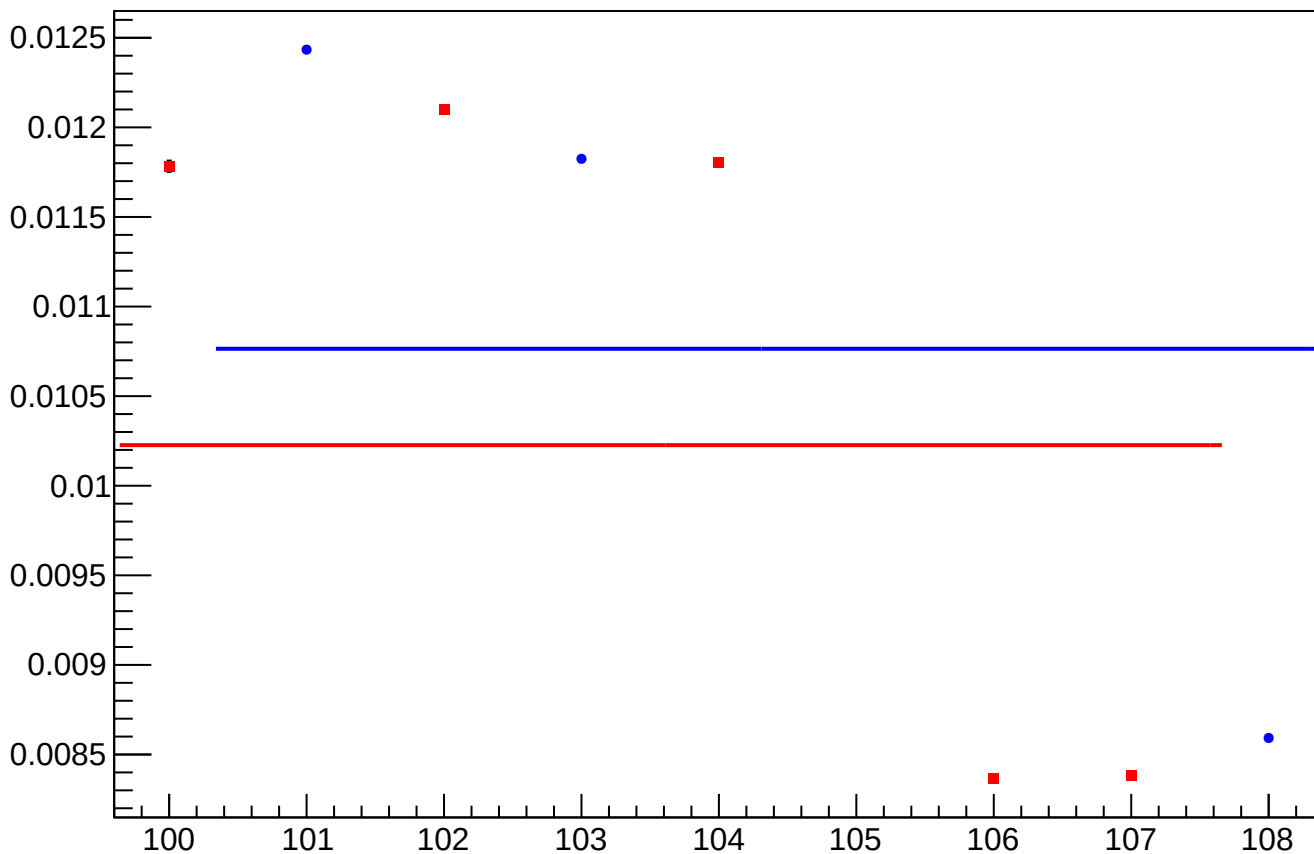
Right: 0.147+/-0.000 χ^2/NDF : 308363787.9/7

In: 0.158+/-0.000 χ^2/NDF : 24634966.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.147+/-0.000 χ^2/NDF : 308363787.9/7

yield_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 81695.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 104209.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

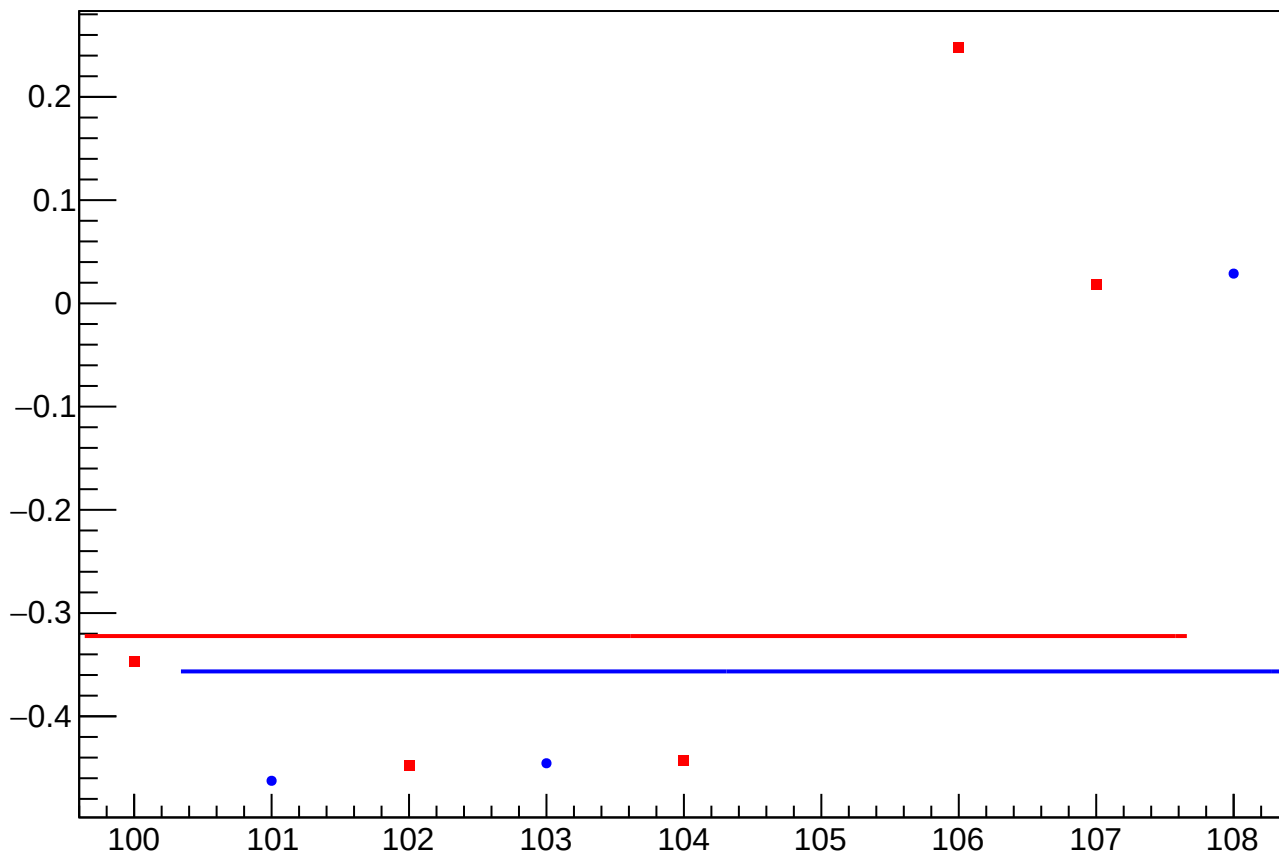
Right: 0.010+/-0.000 χ^2/NDF : 190174.7/7

In: 0.011+/-0.000 χ^2/NDF : 81695.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 190174.7/7

yield_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -0.357+/-0.000 χ^2/NDF : 4520957479.2/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.322+/-0.000 χ^2/NDF : 6234217955.2/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

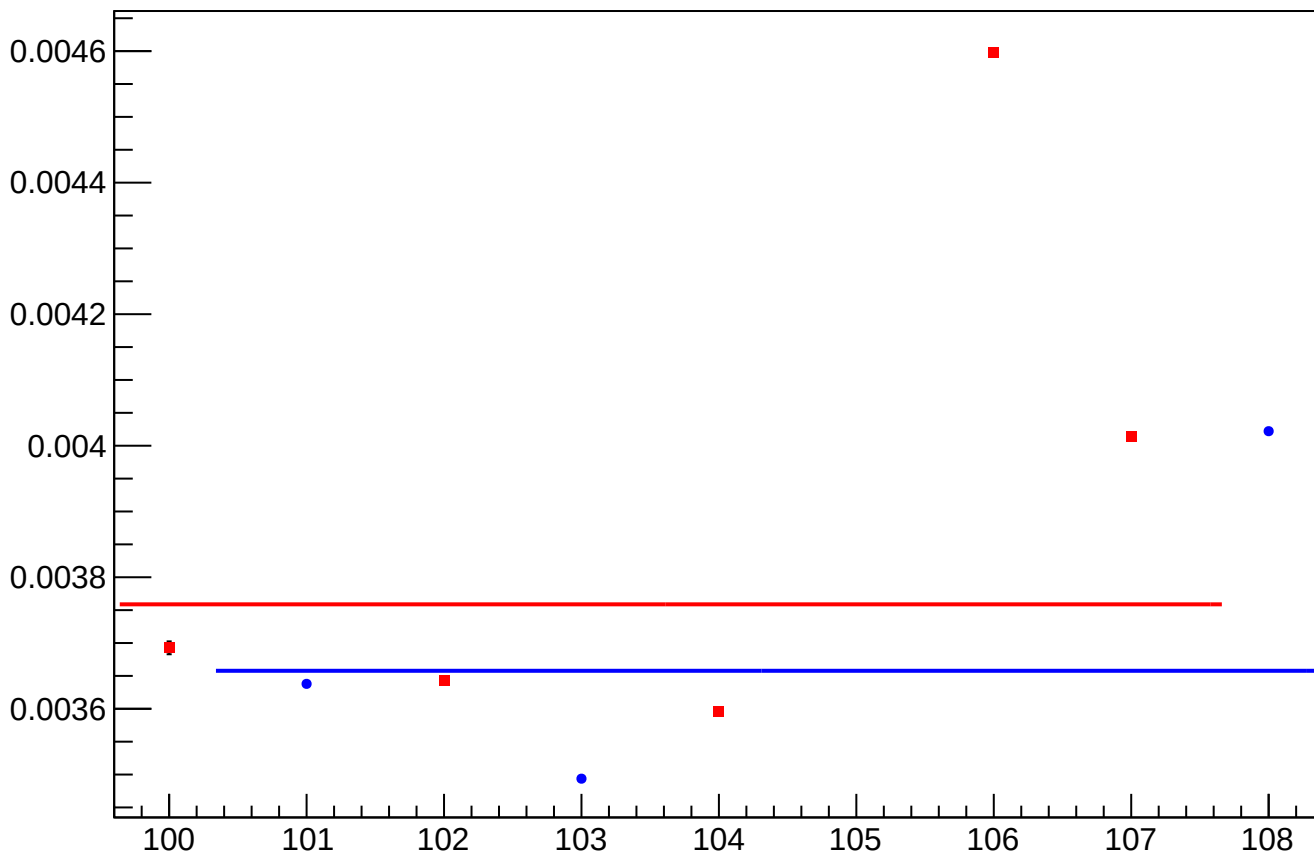
Right: -0.340+/-0.000 χ^2/NDF : 10824329141.8/7

In: -0.357+/-0.000 χ^2/NDF :4520957479.2/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.340+/-0.000 χ^2/NDF : 10824329141.8/7

yield_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 9067.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 19246.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

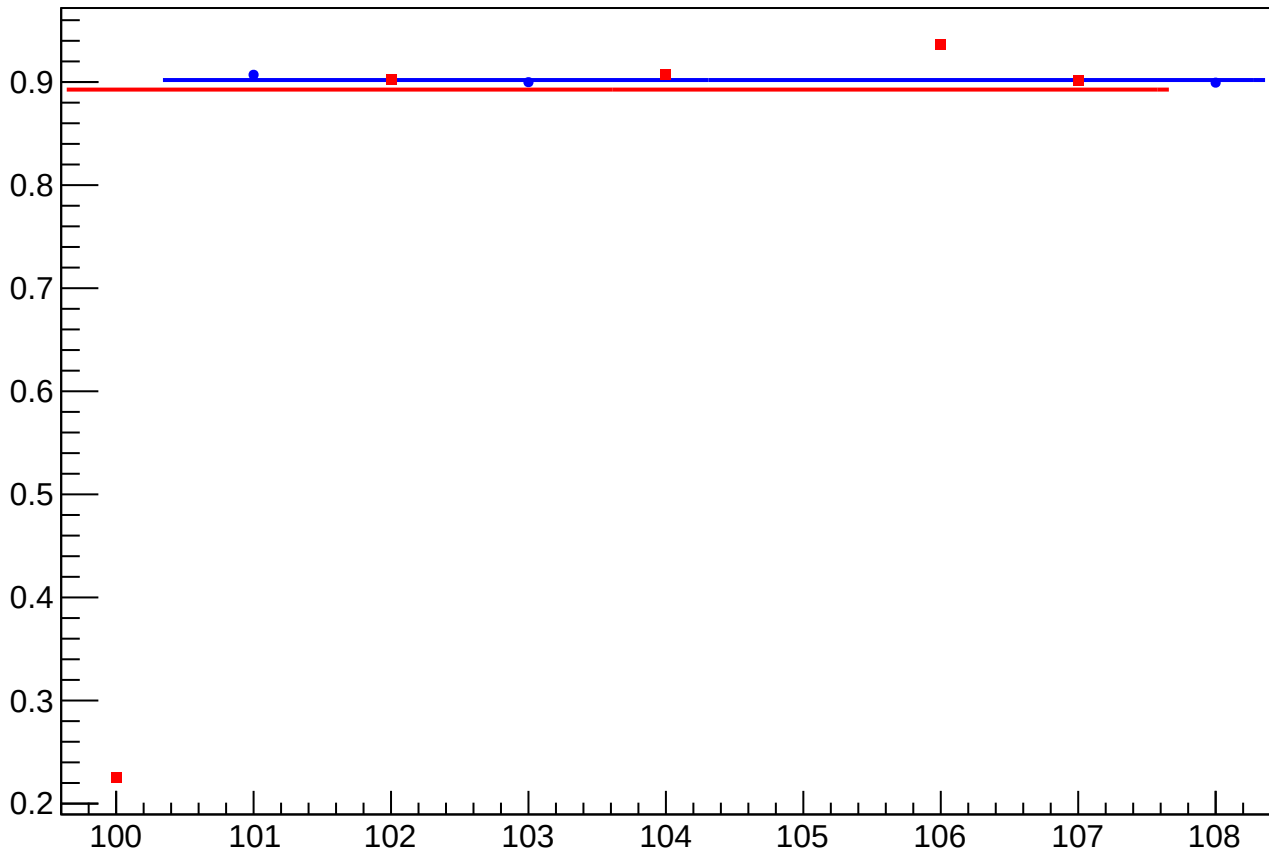
Right: 0.004+/-0.000 χ^2/NDF : 29517.2/7

In: 0.004+/-0.000 χ^2/NDF : 9067.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 29517.2/7

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.902 $\pm$ 0.000 χ^2 /NDF: 134930.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.893 $\pm$ 0.000 χ^2 /NDF: 214198356.2/4

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

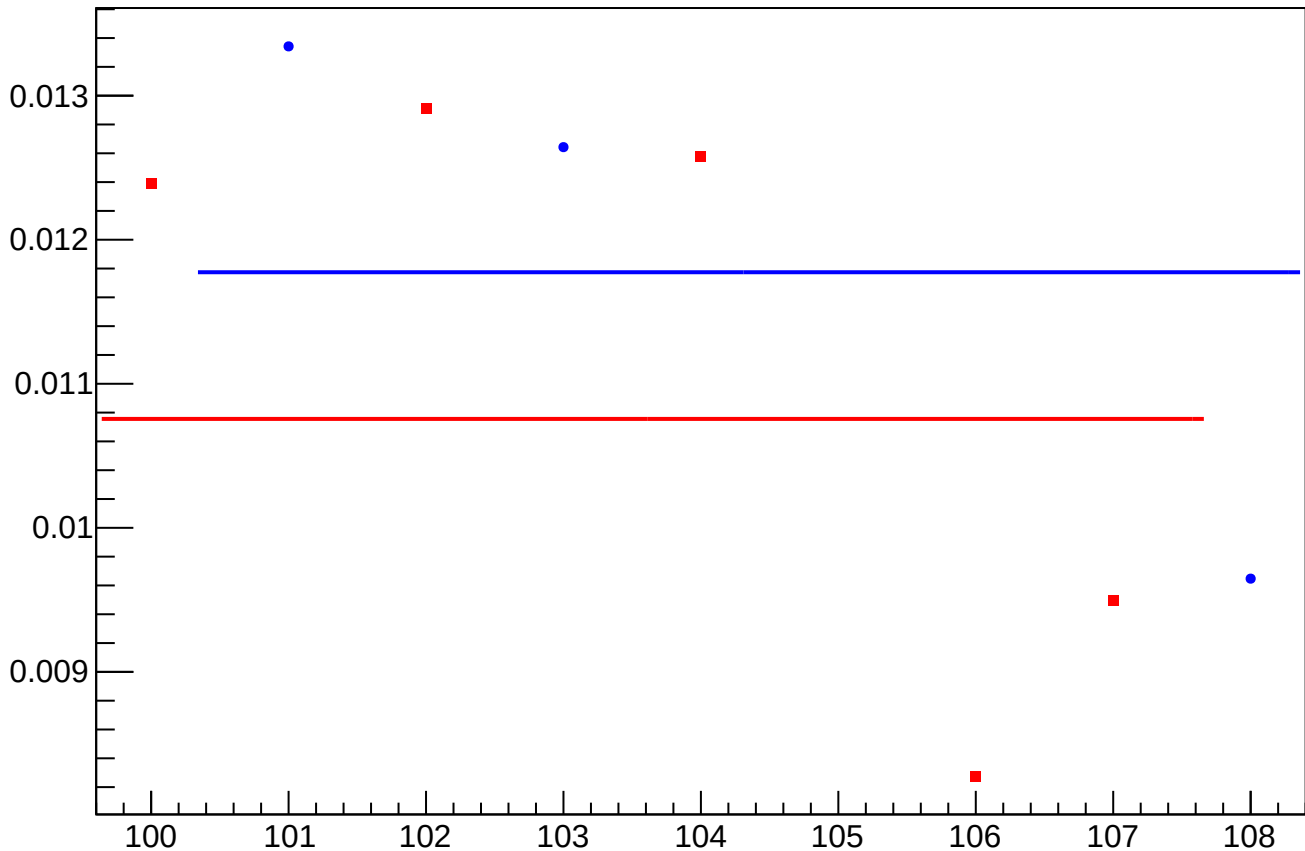
Right: 0.897 $\pm$ 0.000 χ^2 /NDF: 214881792.2/7

In: 0.902 $\pm$ 0.000 χ^2 /NDF: 134930.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.897 $\pm$ 0.000 χ^2 /NDF: 214881792.2/7

yield_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 60385.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 122821.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

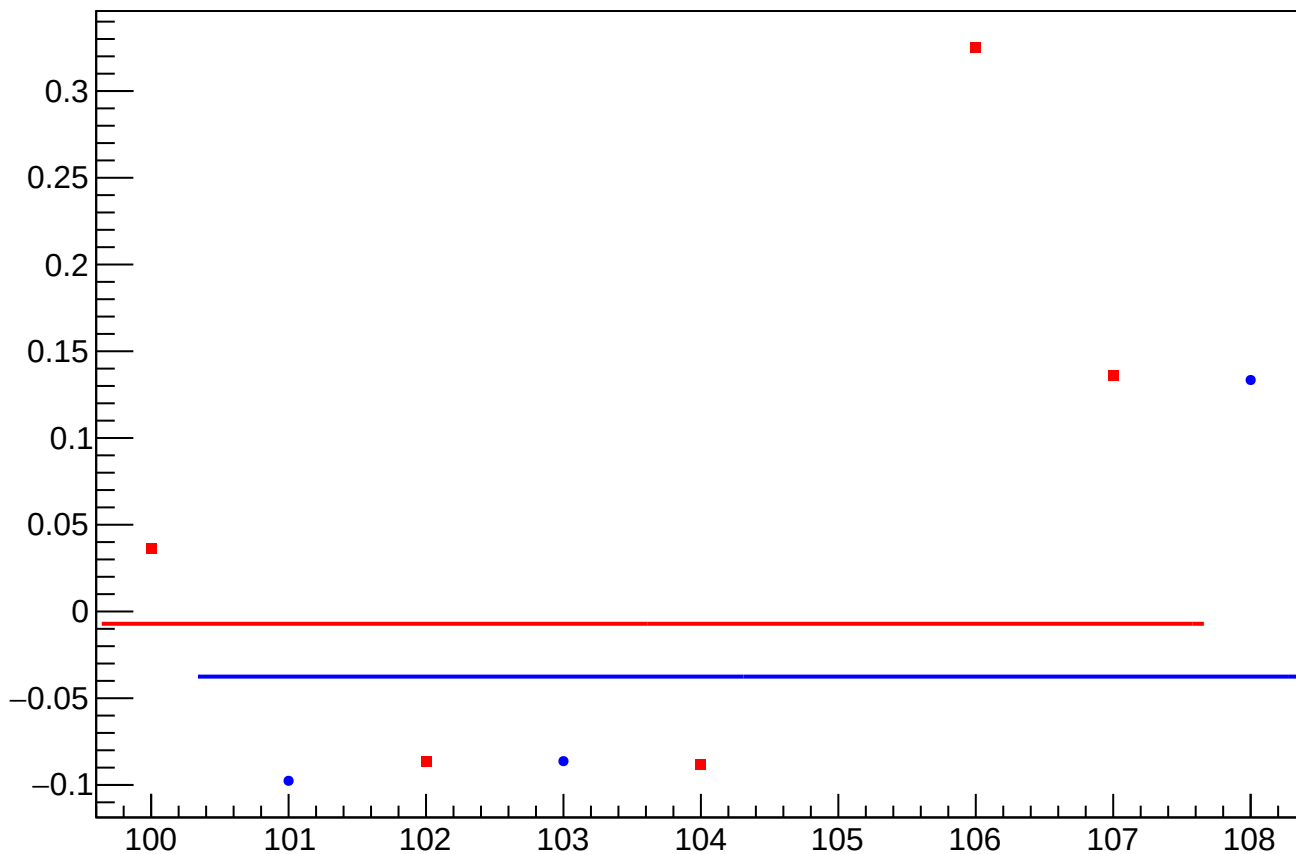
Right: 0.011+/-0.000 χ^2/NDF : 196435.4/7

In: 0.012+/-0.000 χ^2/NDF : 60385.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 196435.4/7

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -0.038+/-0.000 χ^2/NDF : 970470484.1/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.007+/-0.000 χ^2/NDF : 1823687088.1/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

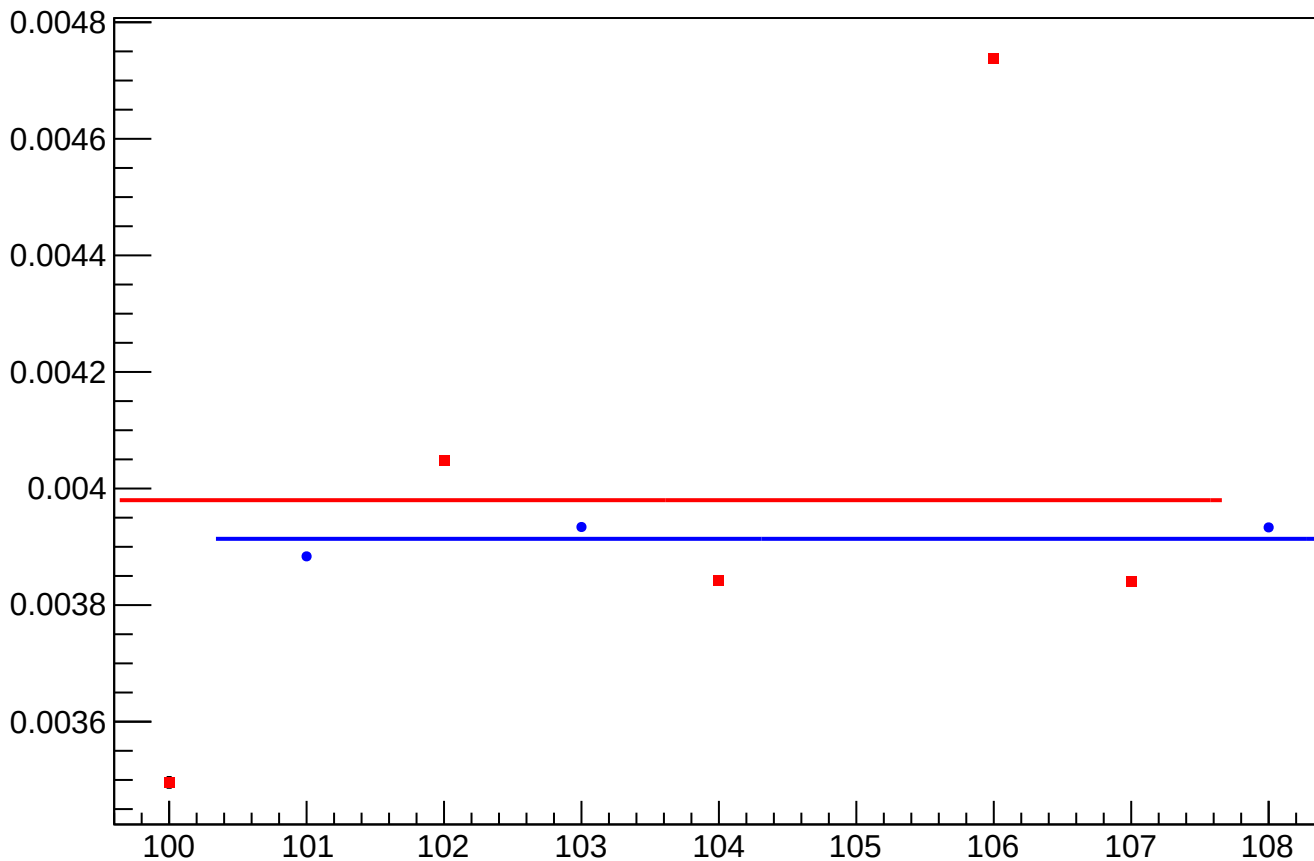
Right: -0.022+/-0.000 χ^2/NDF : 2841710019.8/7

In: -0.038+/-0.000 χ^2/NDF :970470484.1/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.022+/-0.000 χ^2/NDF : 2841710019.8/7

yield_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 124.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 15639.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

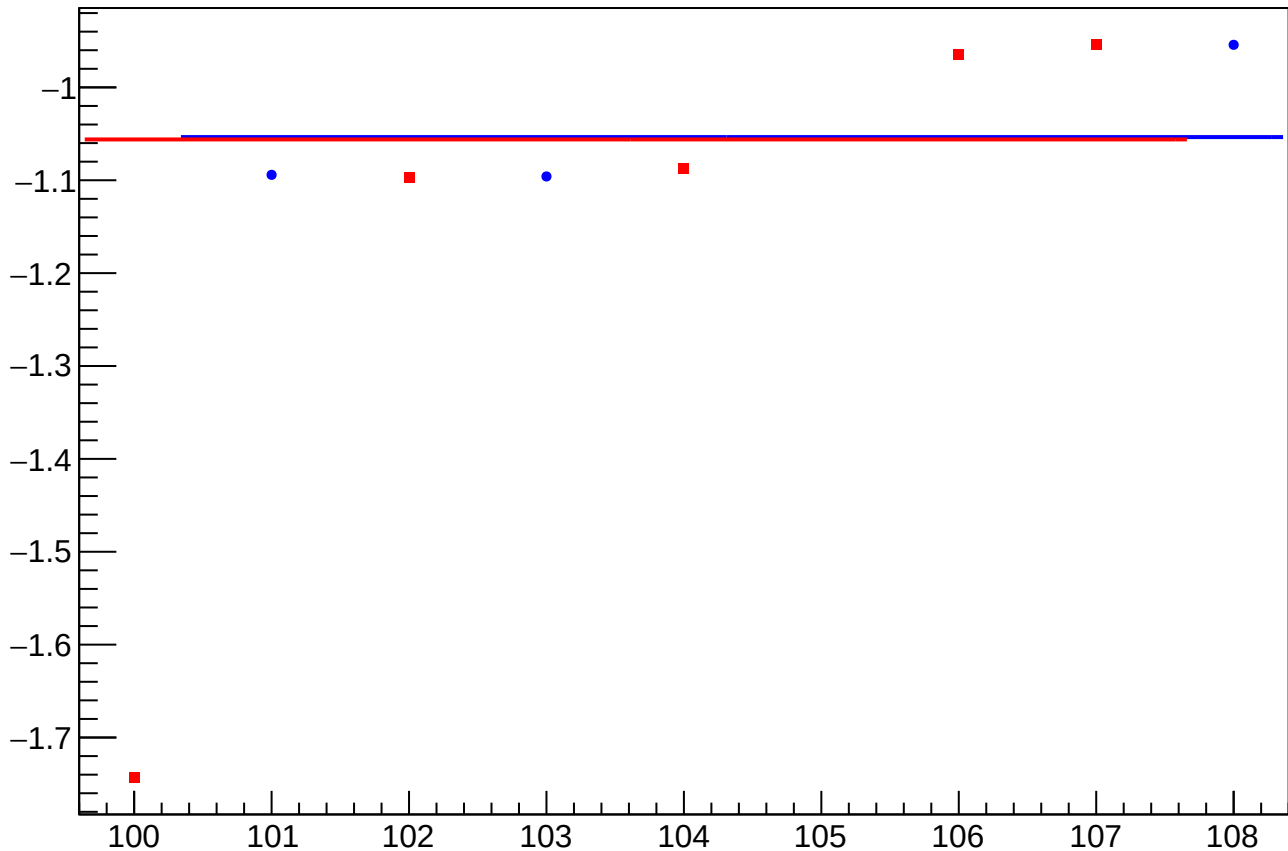
Right: 0.004+/-0.000 χ^2/NDF : 16215.2/7

In: 0.004+/-0.000 χ^2/NDF : 124.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 16215.2/7

yield_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -1.054+/-0.000 χ^2/NDF : 47155517.0/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.056+/-0.000 χ^2/NDF : 320074116.0/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

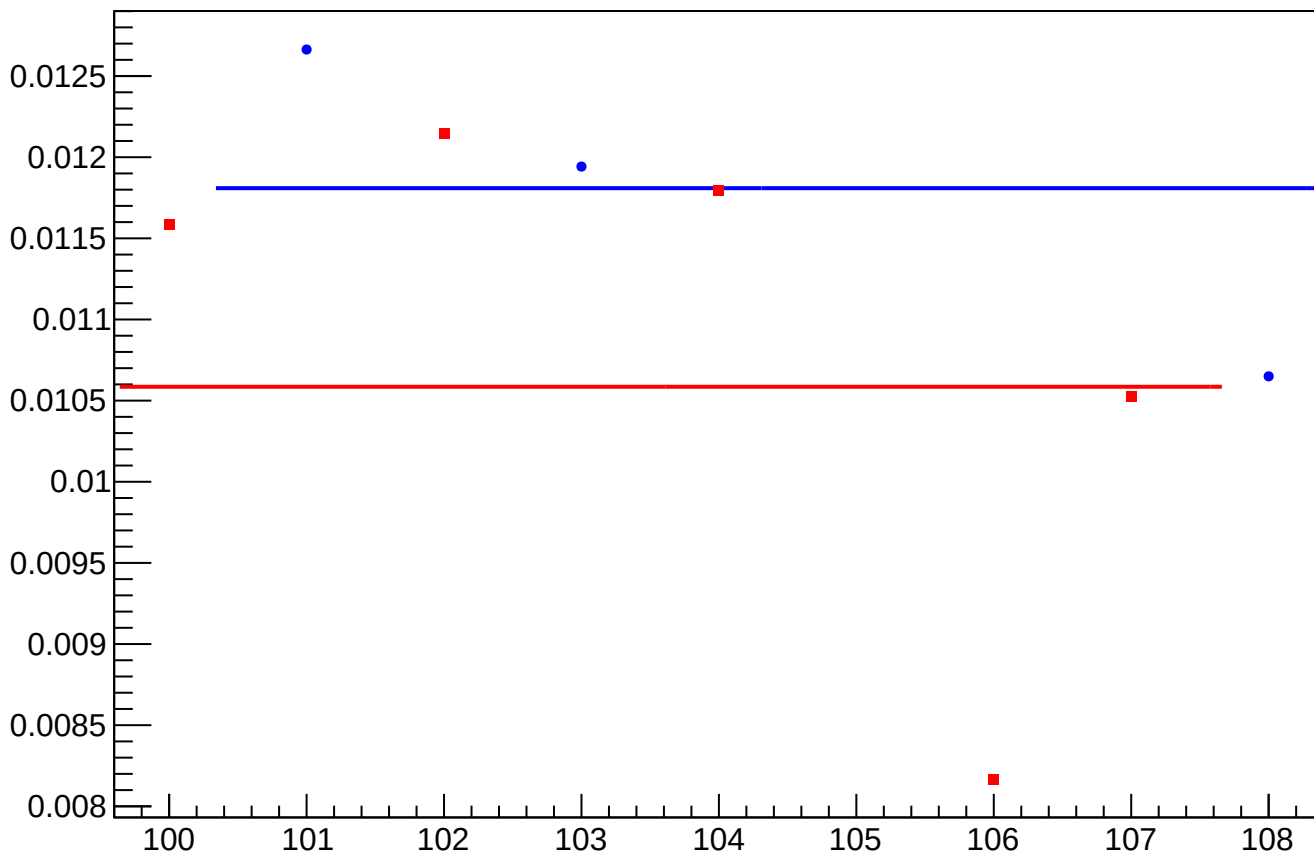
Right: -1.055+/-0.000 χ^2/NDF : 367271743.7/7

In: -1.054+/-0.000 χ^2/NDF :47155517.0/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.055+/-0.000 χ^2/NDF : 367271743.7/7

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 14941.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 87118.2/4

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

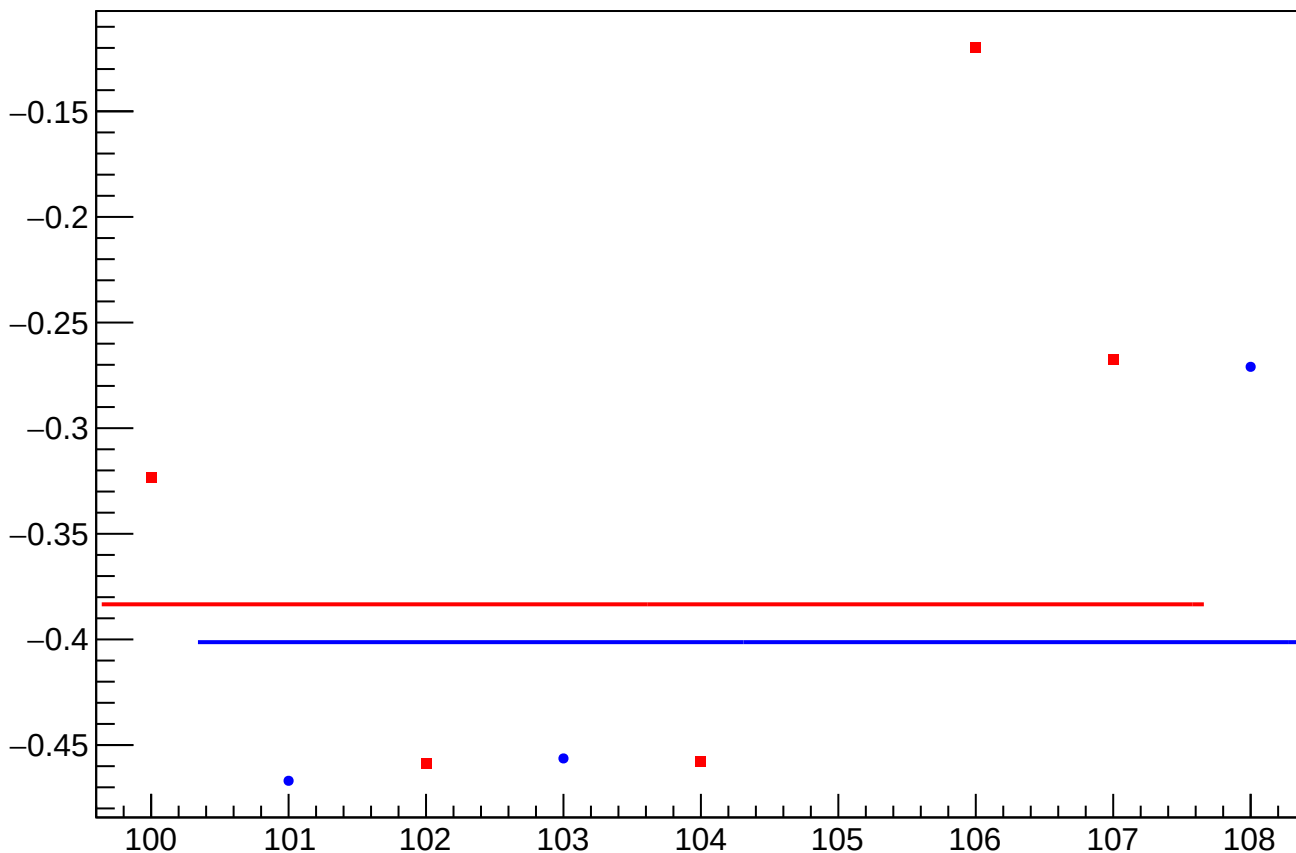
Right: 0.011 $\pm$ 0.000 χ^2 /NDF: 121553.8/7

In: 0.012 $\pm$ 0.000 χ^2 /NDF:14941.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.000 χ^2 /NDF: 121553.8/7

yield_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -0.401+/-0.000 χ^2/NDF : 1048735157.3/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.383+/-0.000 χ^2/NDF : 1482758232.3/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

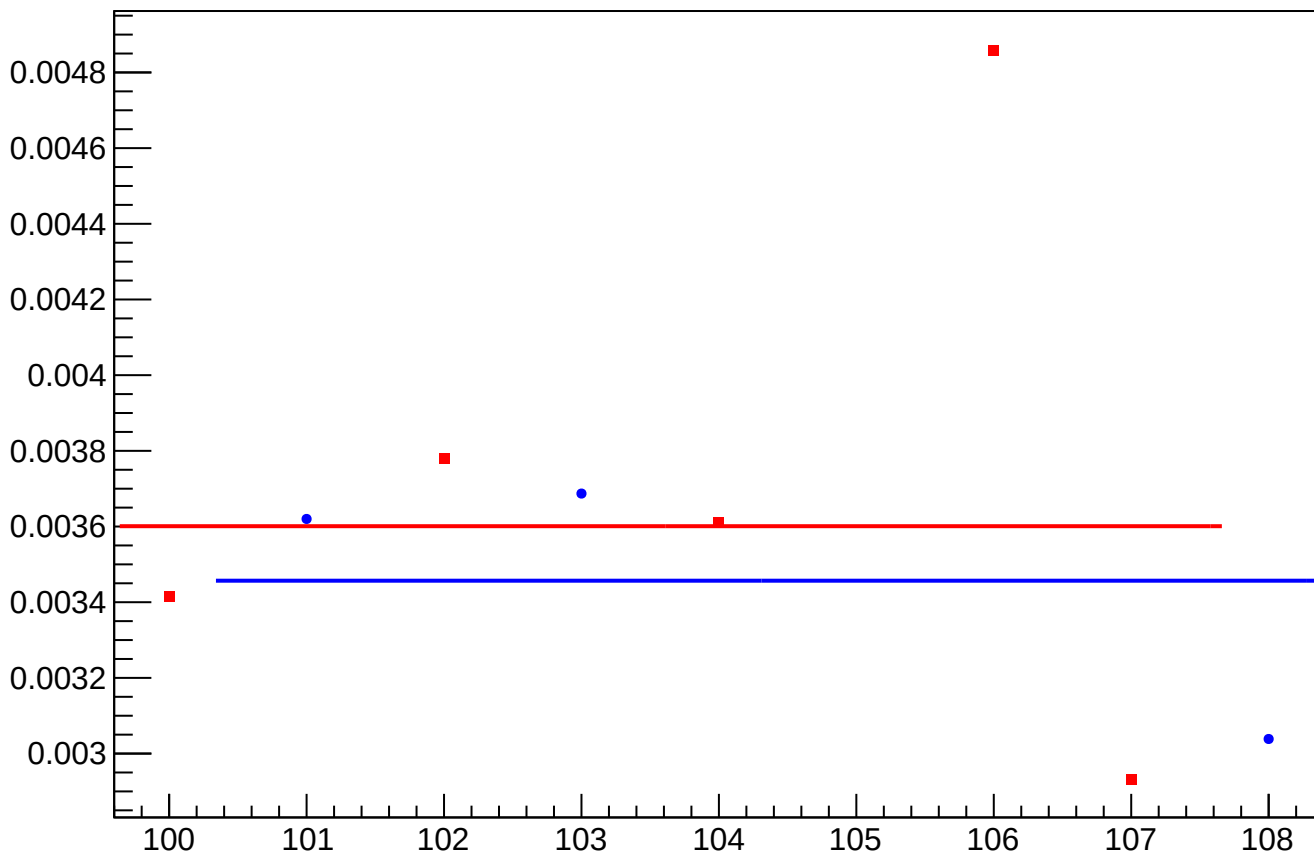
Right: -0.393+/-0.000 χ^2/NDF : 2551977209.2/7

In: -0.401+/-0.000 χ^2/NDF :1048735157.3/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.393+/-0.000 χ^2/NDF : 2551977209.2/7

yield_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 21753.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 57075.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

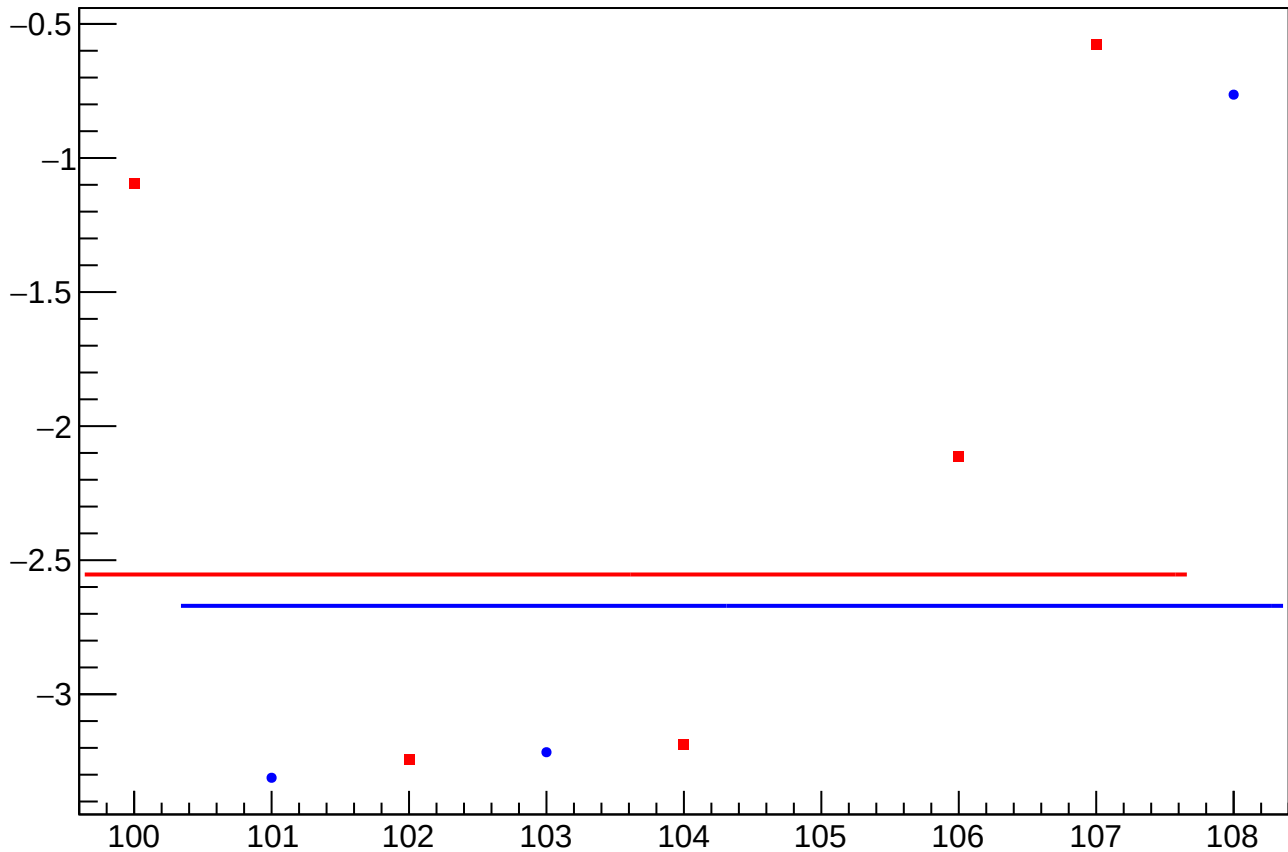
Right: 0.004+/-0.000 χ^2/NDF : 81478.0/7

In: 0.003+/-0.000 χ^2/NDF : 21753.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 81478.0/7

yield_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -2.670+/-0.000 χ^2/NDF : 350569730.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.553+/-0.000 χ^2/NDF : 326574059.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

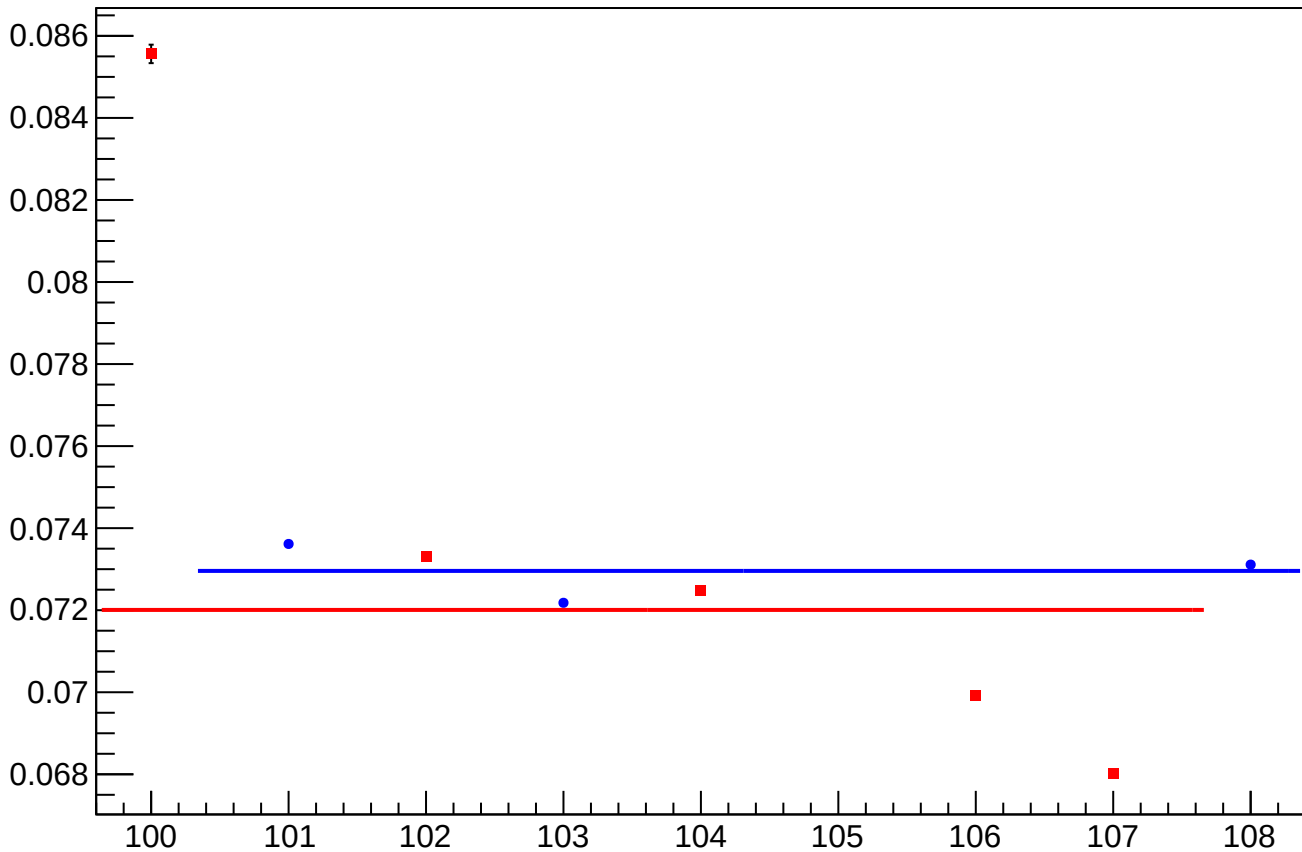
Right: -2.609+/-0.000 χ^2/NDF : 679355748.9/7

In: -2.670+/-0.000 χ^2/NDF : 350569730.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.609+/-0.000 χ^2/NDF : 679355748.9/7

yield_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 0.073+/-0.000 χ^2/NDF : 246.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.072+/-0.000 χ^2/NDF : 6266.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

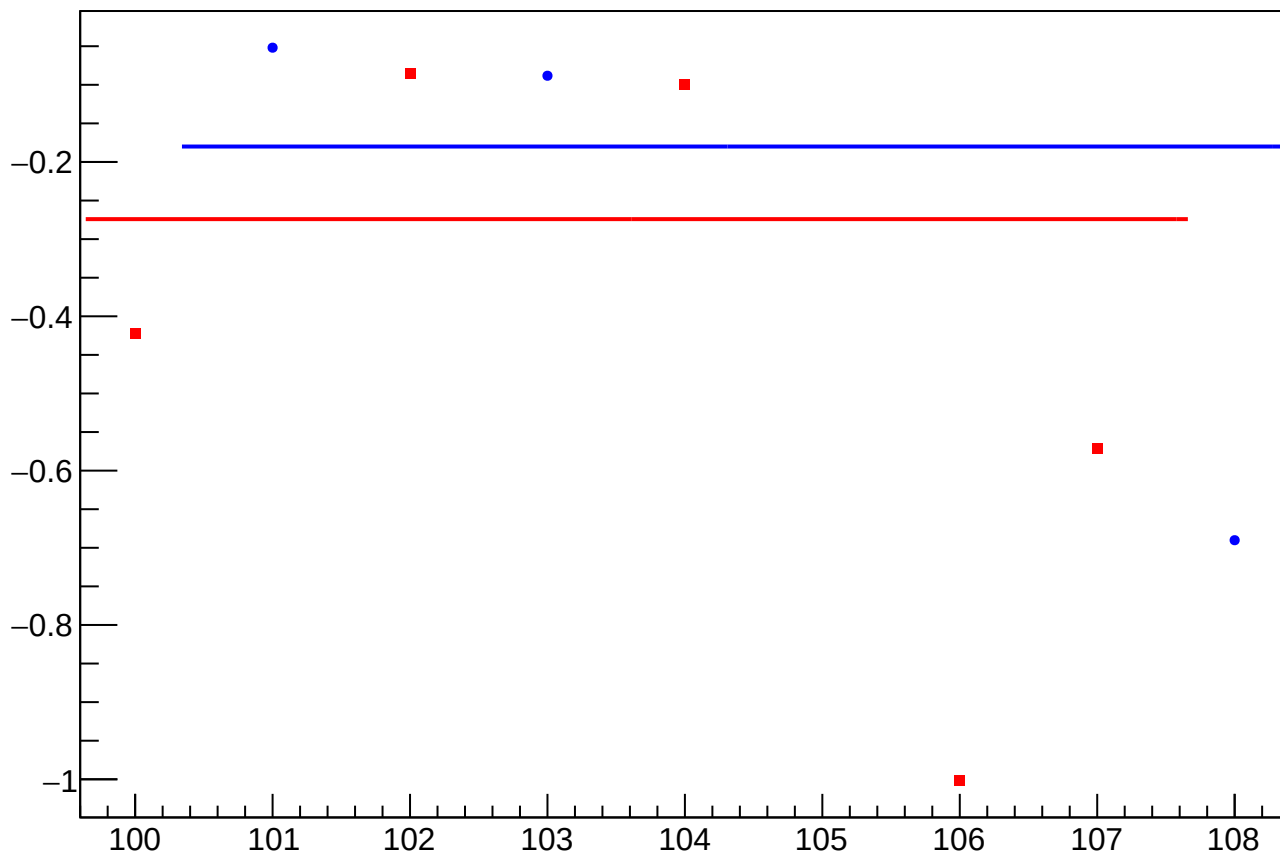
Right: 0.072+/-0.000 χ^2/NDF : 6806.1/7

In: 0.073+/-0.000 χ^2/NDF : 246.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.072+/-0.000 χ^2/NDF : 6806.1/7

yield_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: -0.180+/-0.000 χ^2/NDF : 998476122.4/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.274+/-0.000 χ^2/NDF : 1936586903.1/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

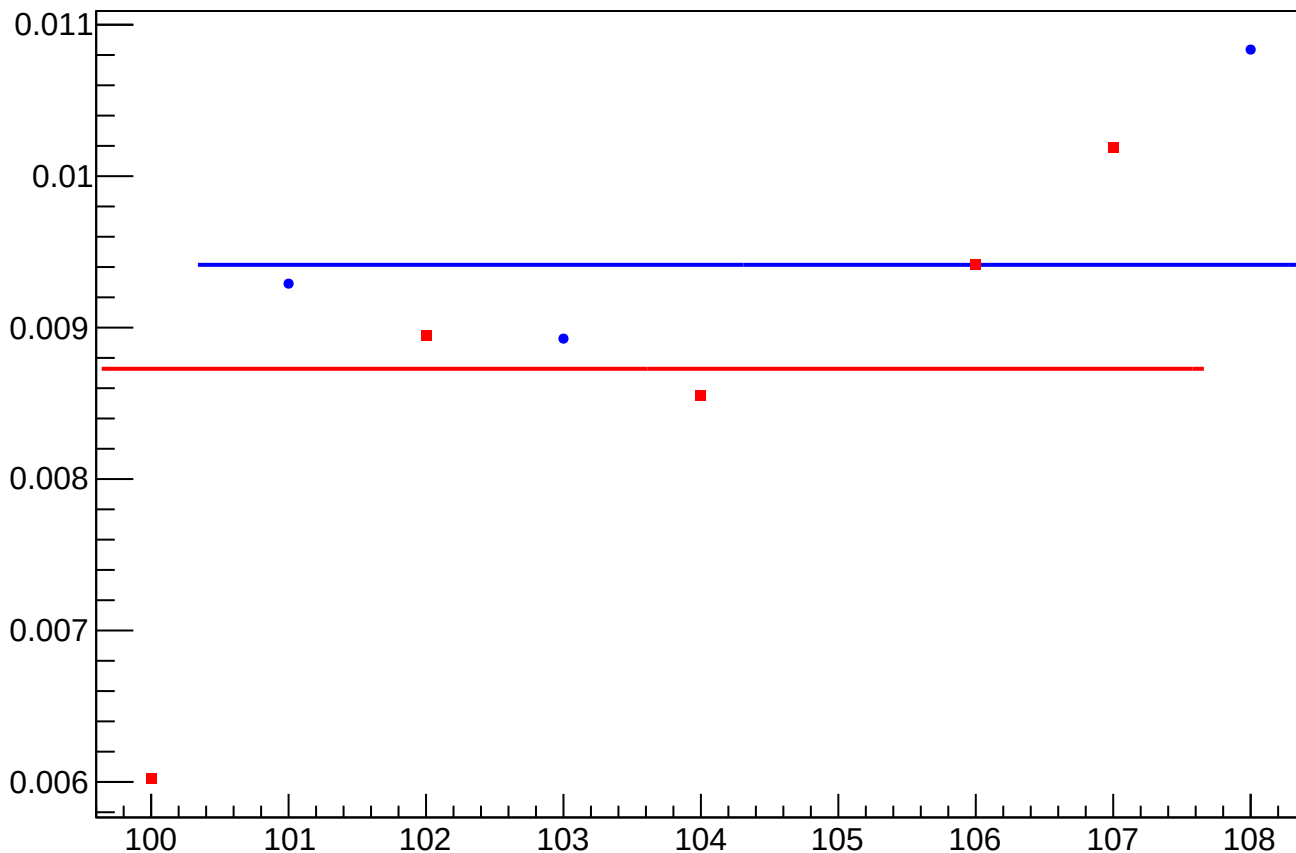
Right: -0.231+/-0.000 χ^2/NDF : 3020230682.7/7

In: -0.180+/-0.000 χ^2/NDF :998476122.4/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.231+/-0.000 χ^2/NDF : 3020230682.7/7

yield_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 16384.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 42099.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

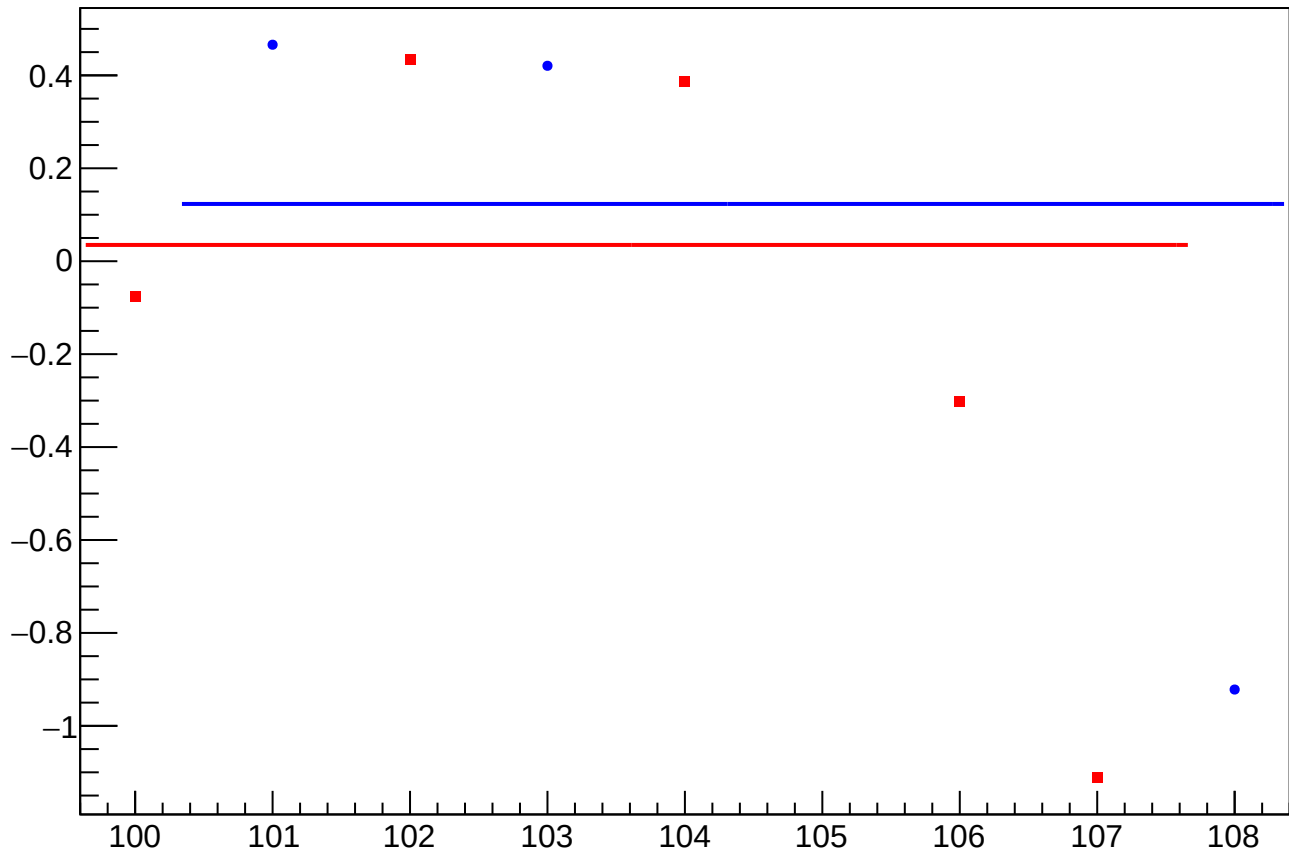
Right: 0.009+/-0.000 χ^2/NDF : 67550.6/7

In: 0.009+/-0.000 χ^2/NDF : 16384.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 67550.6/7

yield_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 0.123+/-0.000 χ^2/NDF : 69704982.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.035+/-0.000 χ^2/NDF : 69367903.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

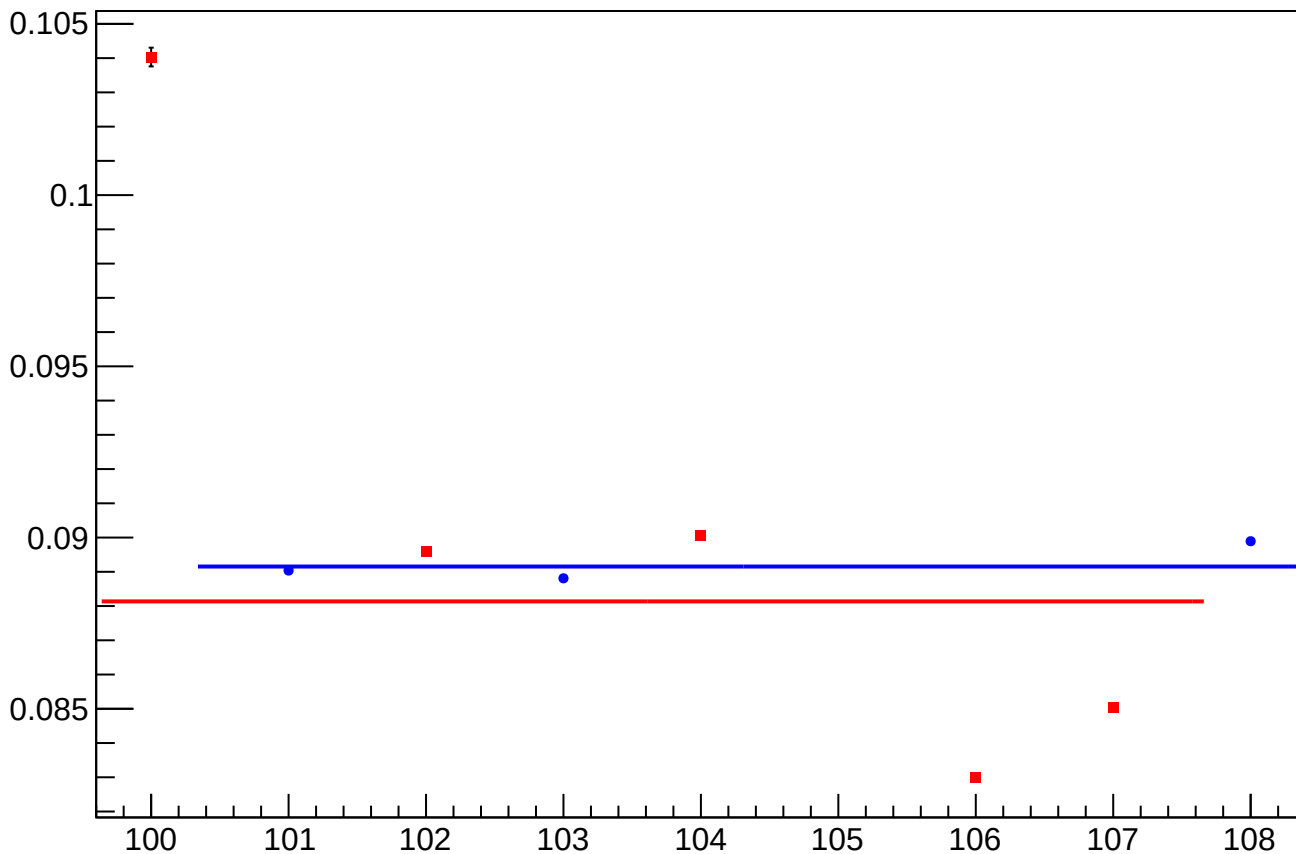
Right: 0.077+/-0.000 χ^2/NDF : 139921120.0/7

In: 0.123+/-0.000 χ^2/NDF : 69704982.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.077+/-0.000 χ^2/NDF : 139921120.0/7

yield_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 0.089+/-0.000 χ^2/NDF : 73.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.088+/-0.000 χ^2/NDF : 7282.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

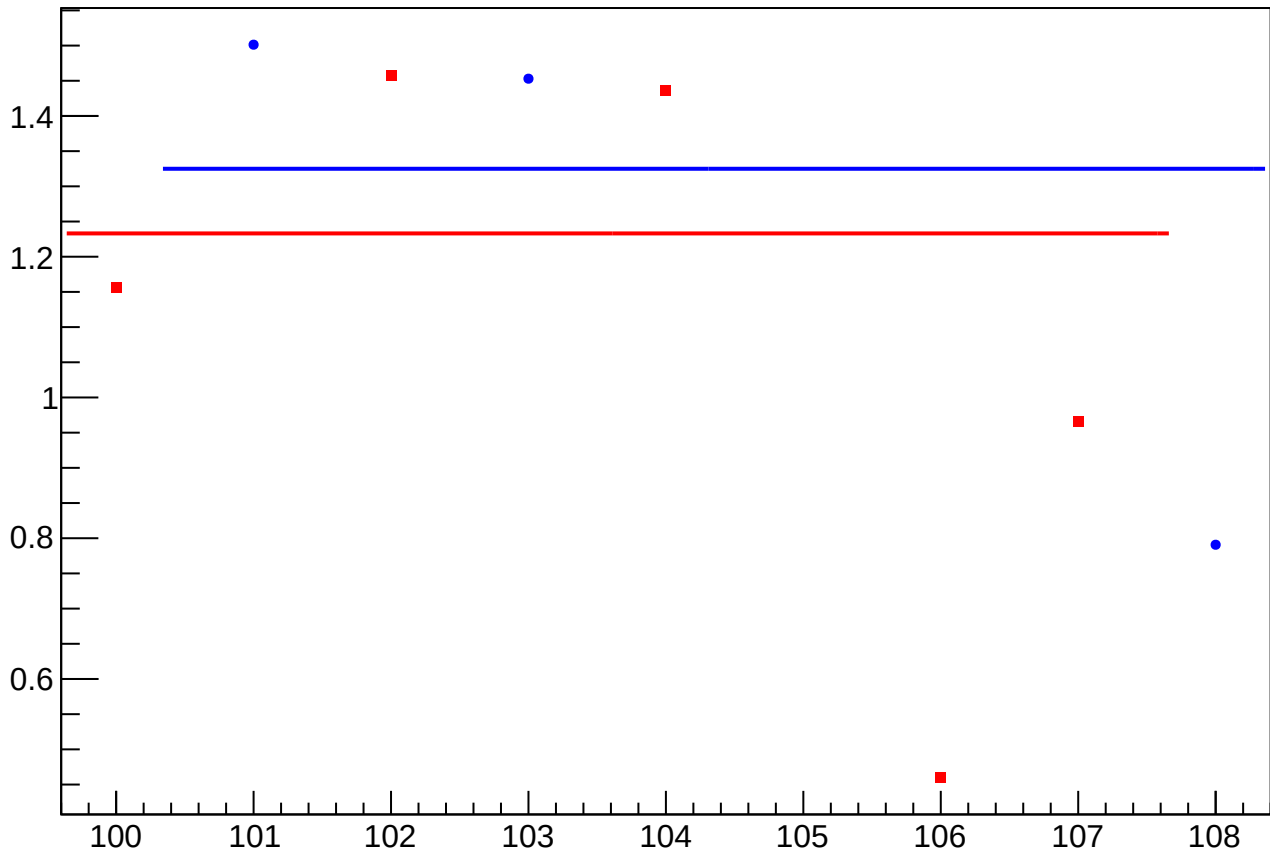
Right: 0.089+/-0.000 χ^2/NDF : 7582.7/7

In: 0.089+/-0.000 χ^2/NDF : 73.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.089+/-0.000 χ^2/NDF : 7582.7/7

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.325+/-0.000 χ^2/NDF : 740098144.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.233+/-0.000 χ^2/NDF : 1189182772.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

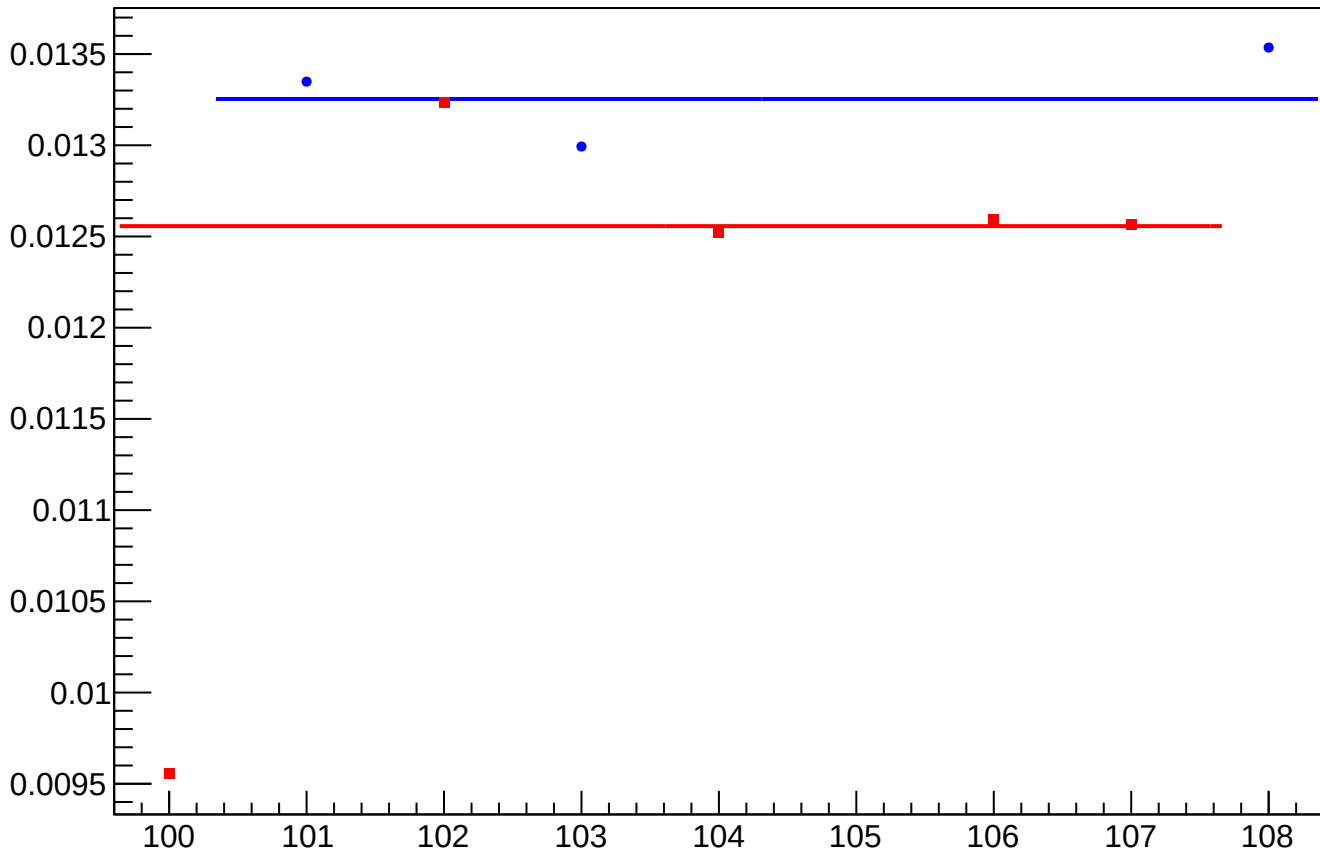
Right: 1.276+/-0.000 χ^2/NDF : 1969876385.3/7

In: 1.325+/-0.000 χ^2/NDF : 740098144.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.276+/-0.000 χ^2/NDF : 1969876385.3/7

yield_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 855.1/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 17543.7/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

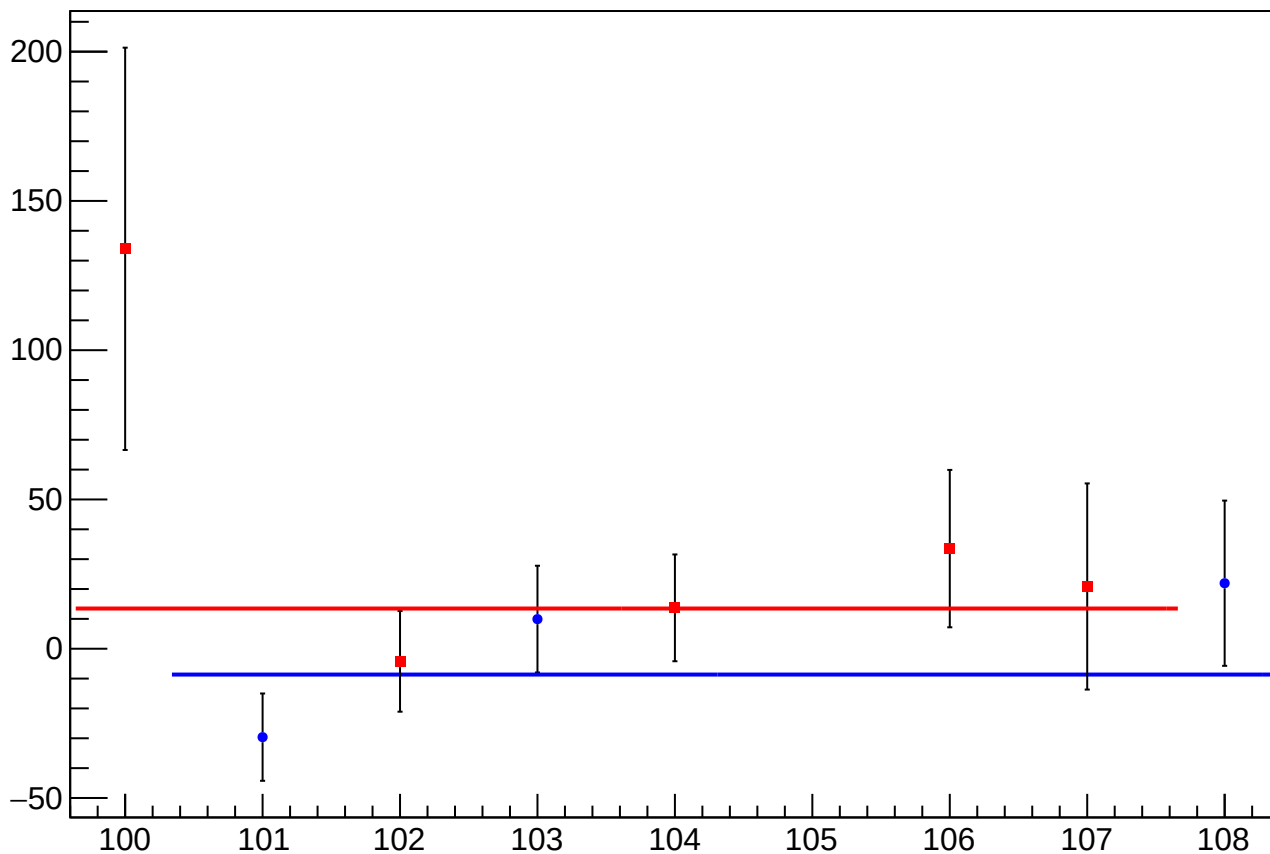
Right: 0.013+/-0.000 χ^2/NDF : 23072.0/7

In: 0.013+/-0.000 χ^2/NDF :855.1/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.013+/-0.000 χ^2/NDF : 23072.0/7

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -8.653+/-10.477 χ^2/NDF : 4.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.466+/-10.458 χ^2/NDF : 4.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

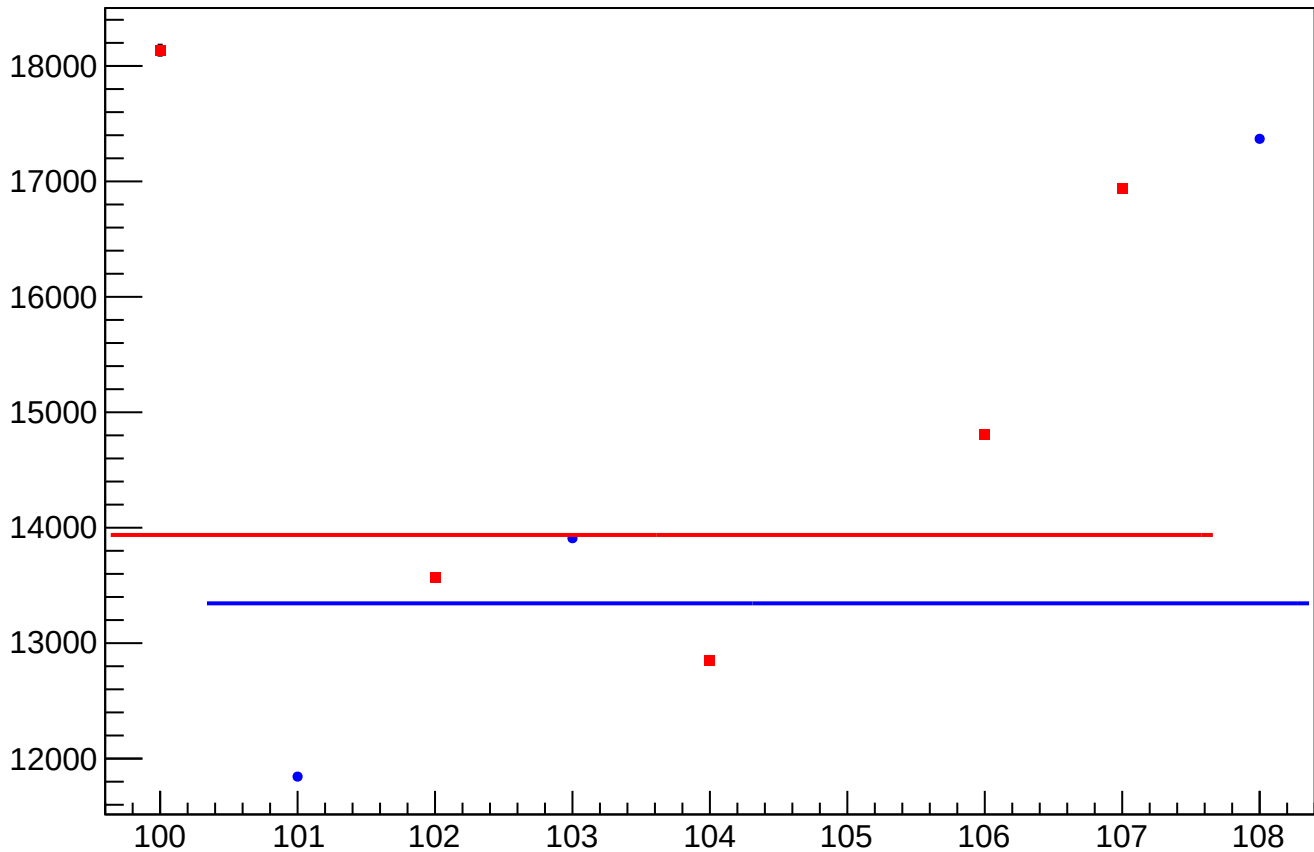
Right: 2.427+/-7.402 χ^2/NDF : 11.5/7

In: -8.653+/-10.477 χ^2/NDF : 4.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.427+/-7.402 χ^2/NDF : 11.5/7

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 13344.910+/-7.408 χ^2/NDF : 65349.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13937.209+/-7.395 χ^2/NDF : 33455.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

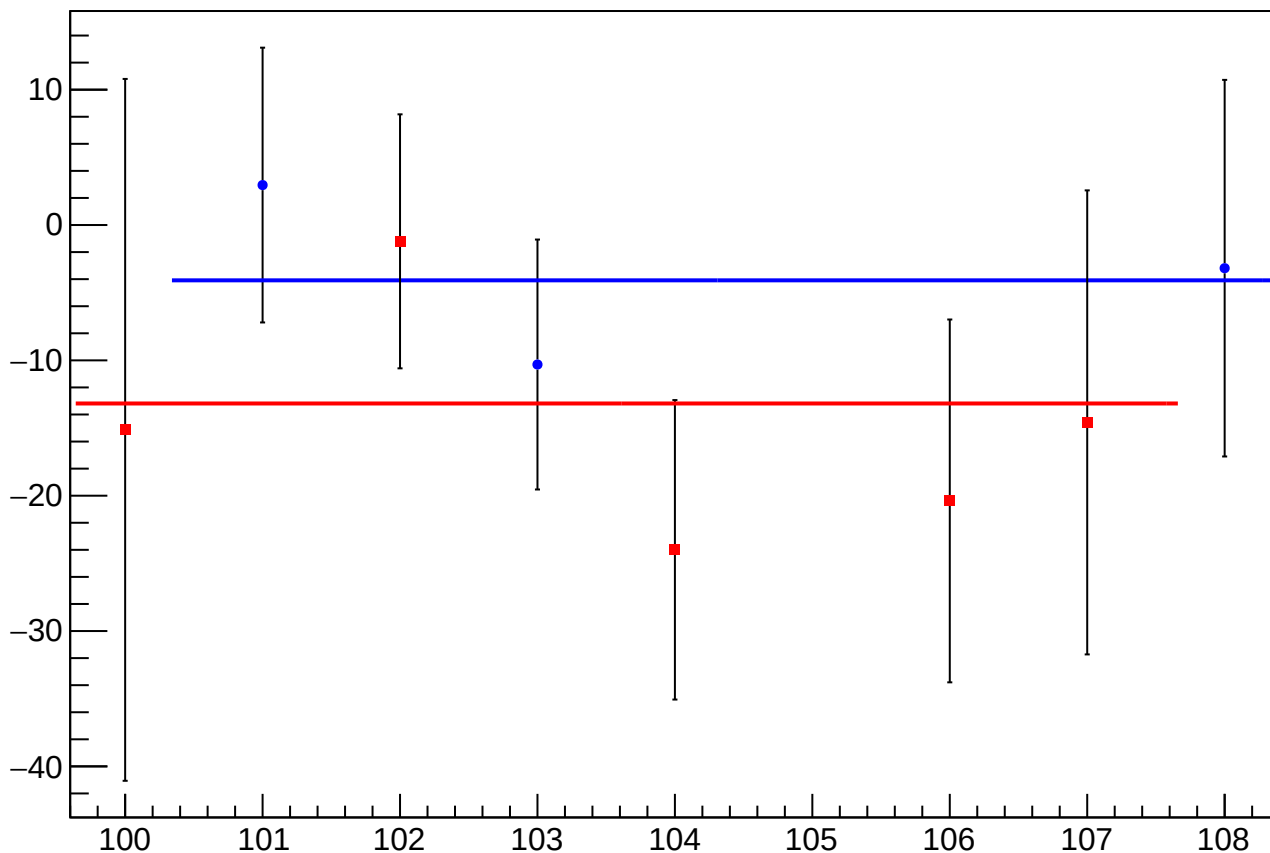
Right: 13641.613+/-5.234 χ^2/NDF : 102006.3/7

In: 13344.910+/-7.408 χ^2/NDF : 65349.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13641.613+/-5.234 χ^2/NDF : 102006.3/7

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -4.087±/6.132 χ^2 /NDF: 0.9/2

Left Out: 0.000±/0.000 χ^2 /NDF:0.0/0

Right Out: -13.186±/5.775 χ^2 /NDF: 2.9/4

Left In: 0.000±/0.000 χ^2 /NDF:0.0/0

Left: 0.000±/0.000 χ^2 /NDF: 0.0/0

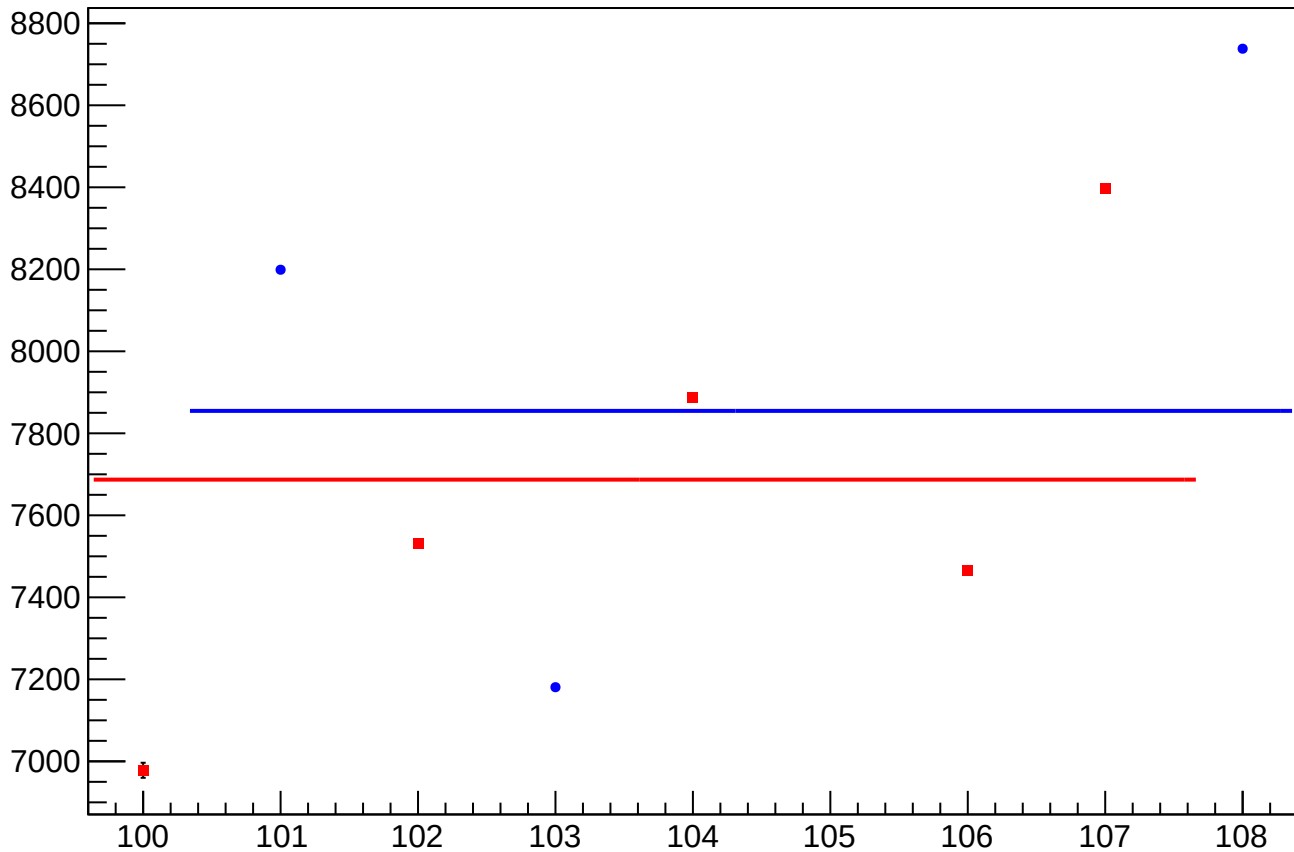
Right: -8.909±/4.204 χ^2 /NDF: 5.0/7

In: -4.087±/6.132 χ^2 /NDF:0.9/2

Out: 0.000±/0.000 χ^2 /NDF:0.0/0

All: -8.909±/4.204 χ^2 /NDF: 5.0/7

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 7854.710+/-4.336 χ^2/NDF : 21013.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7687.068+/-4.084 χ^2/NDF : 6680.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

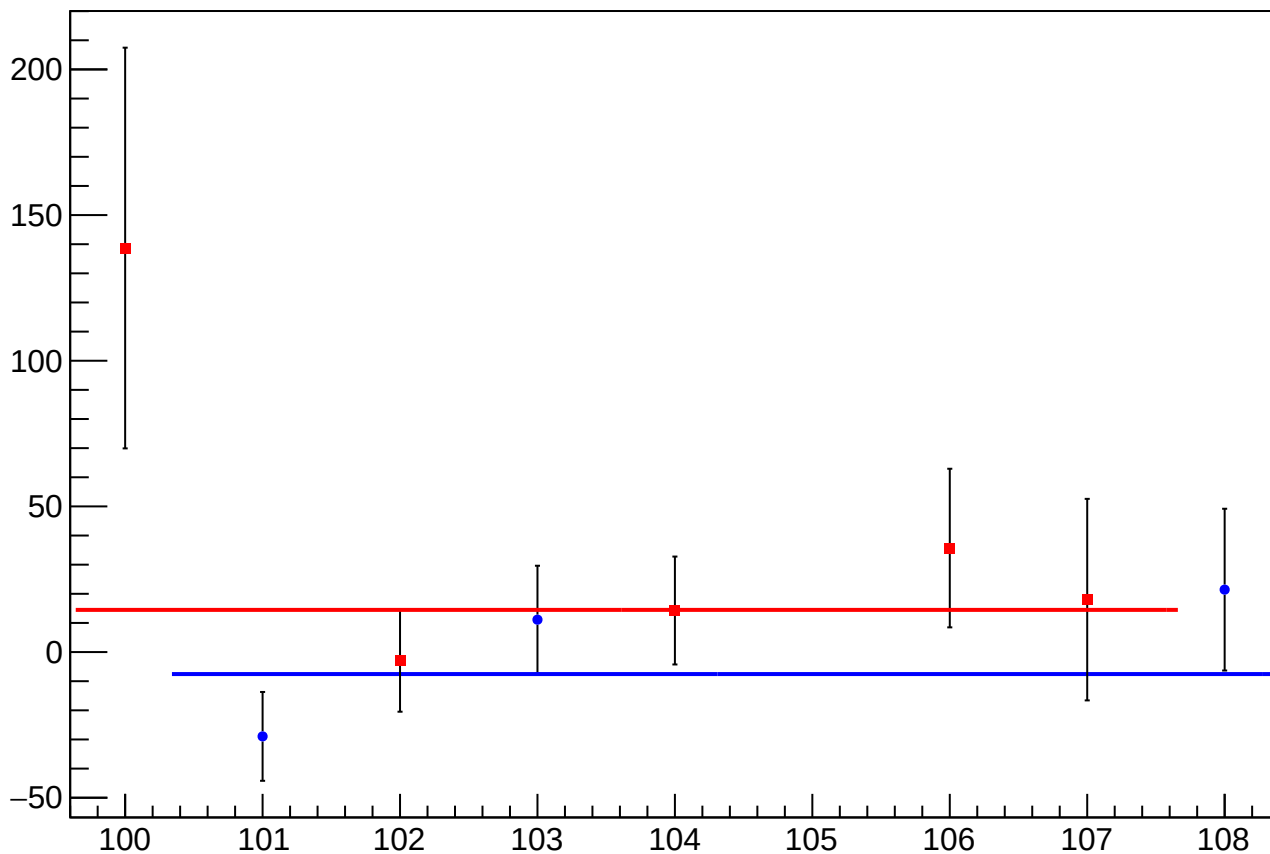
Right: 7765.879+/-2.973 χ^2/NDF : 28486.0/7

In: 7854.710+/-4.336 χ^2/NDF : 21013.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7765.879+/-2.973 χ^2/NDF : 28486.0/7

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: -7.550+/-10.837 χ^2/NDF : 4.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.478+/-10.792 χ^2/NDF : 4.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

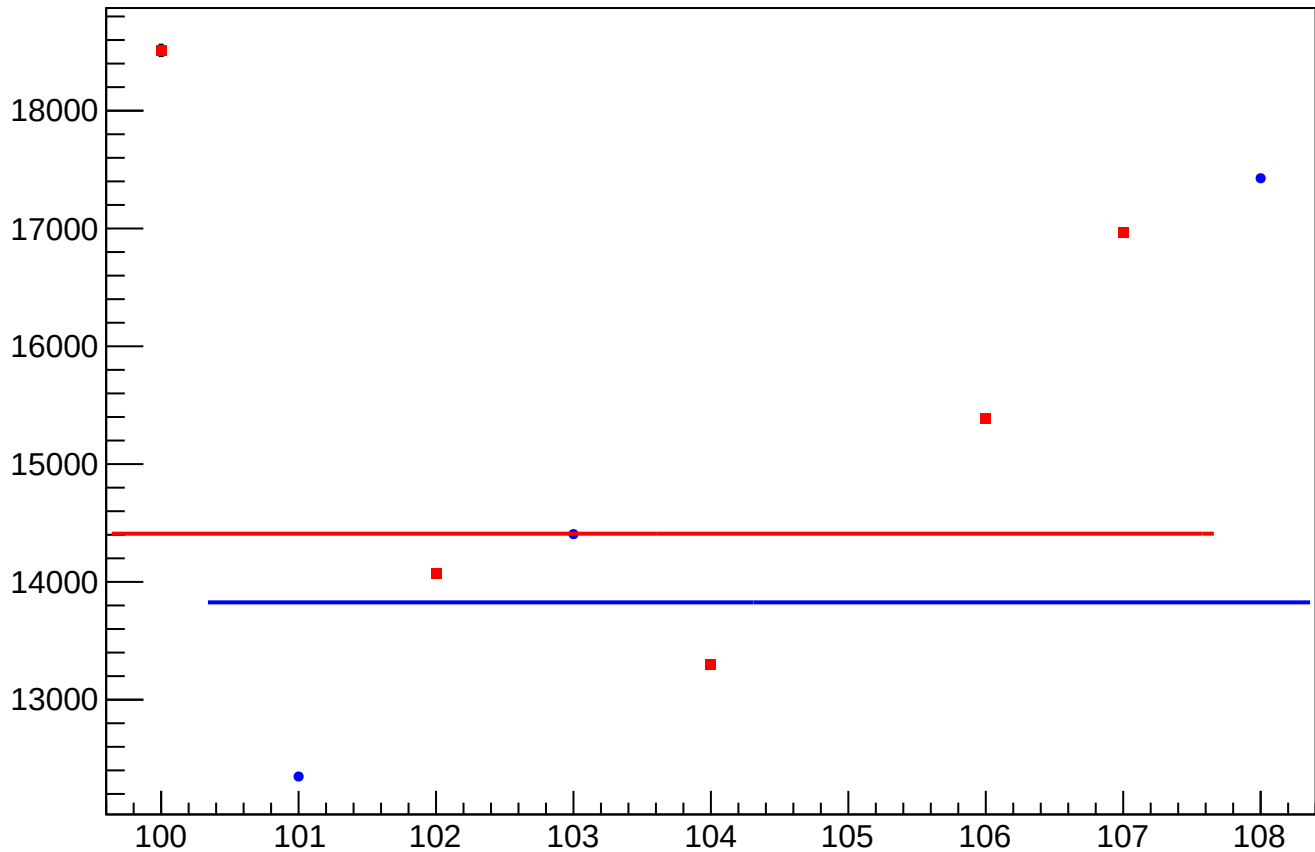
Right: 3.510+/-7.647 χ^2/NDF : 11.0/7

In: -7.550+/-10.837 χ^2/NDF : 4.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.510+/-7.647 χ^2/NDF : 11.0/7

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 13826.266+/-7.663 χ^2/NDF : 54398.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14409.405+/-7.631 χ^2/NDF : 28557.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

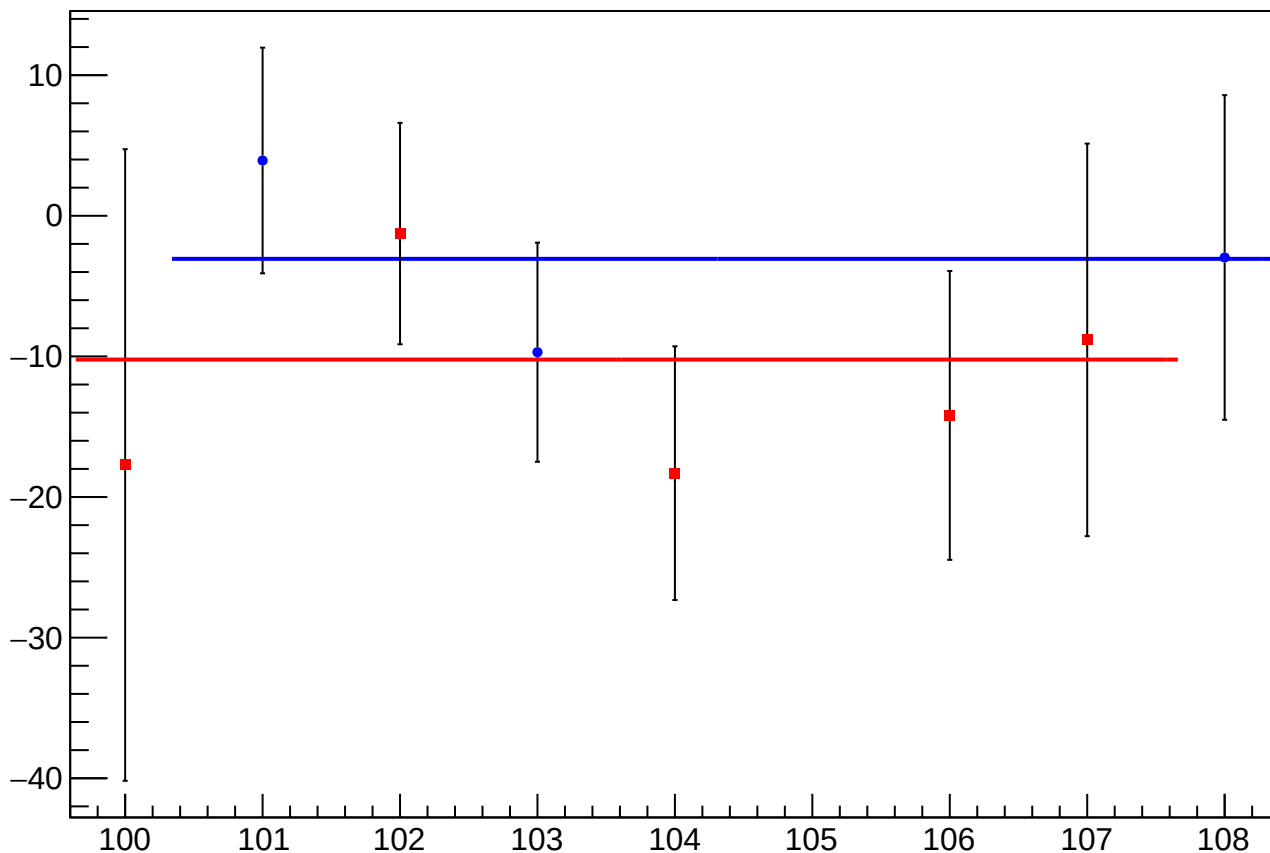
Right: 14119.051+/-5.407 χ^2/NDF : 85862.9/7

In: 13826.266+/-7.663 χ^2/NDF : 54398.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14119.051+/-5.407 χ^2/NDF : 85862.9/7

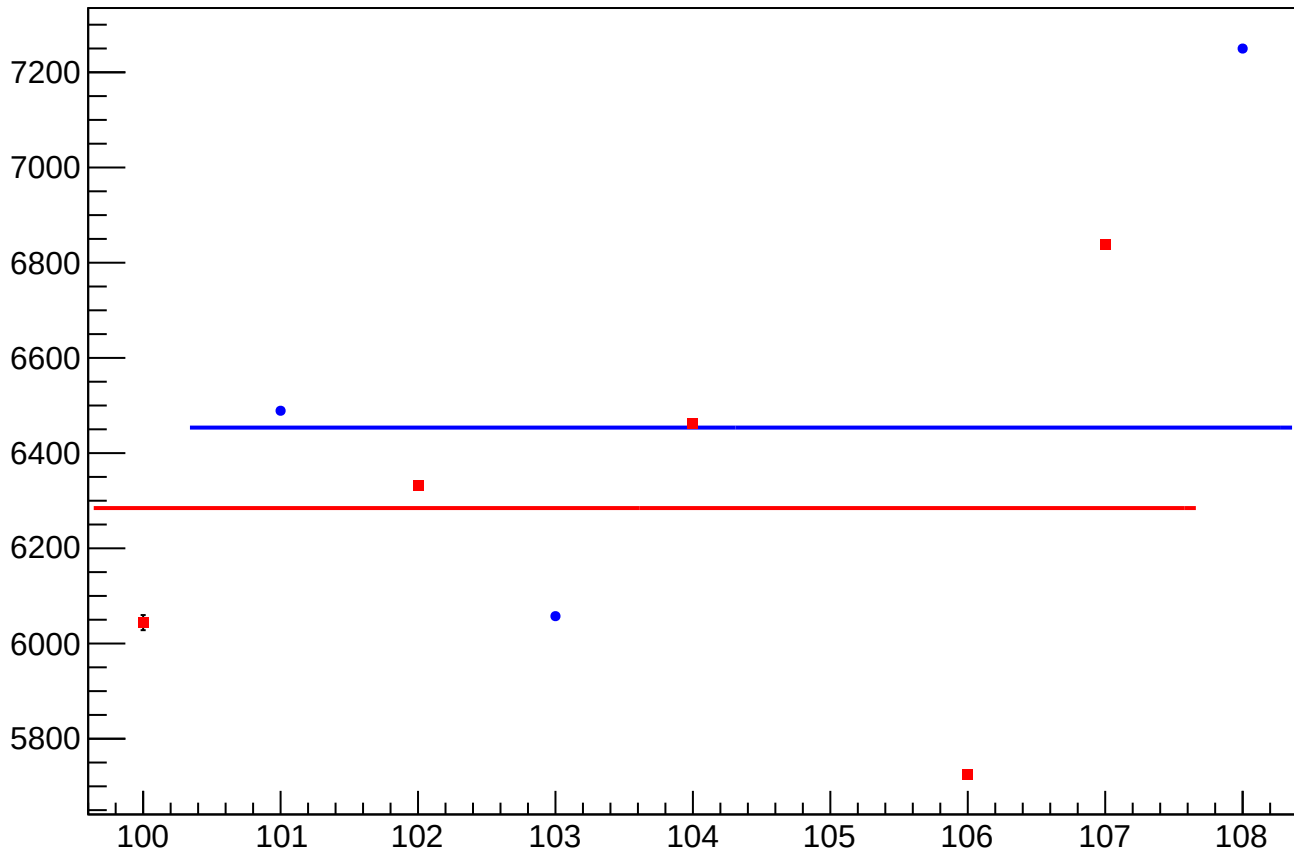
diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -3.062 ± 5.031 χ^2/NDF : 1.5/2
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -10.225 ± 4.713 χ^2/NDF : 2.4/4
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -6.877 ± 3.440 χ^2/NDF : 4.9/7
 In: -3.062 ± 5.031 χ^2/NDF : 1.5/2
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -6.877 ± 3.440 χ^2/NDF : 4.9/7

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 6453.630+/-3.558 χ^2/NDF : 14723.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6284.568+/-3.333 χ^2/NDF : 10147.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

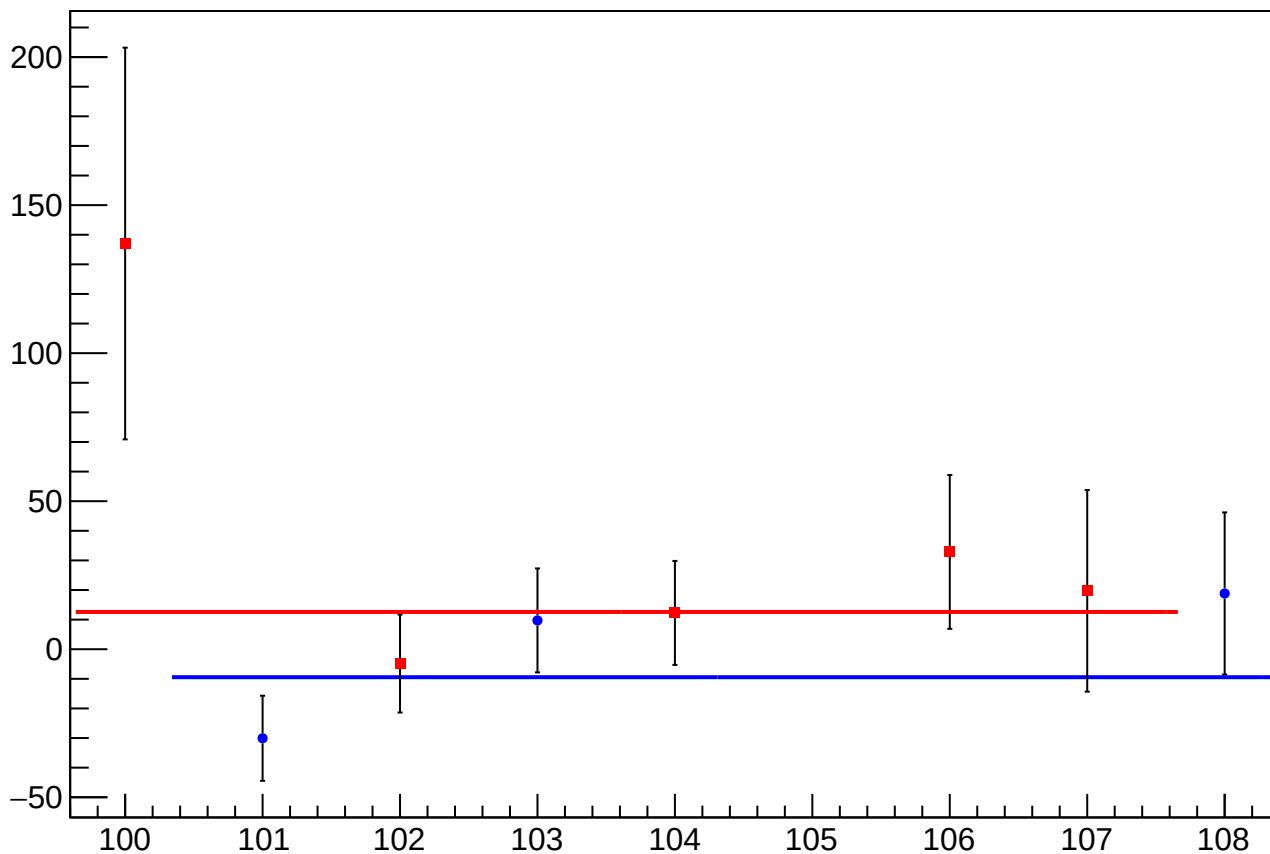
Right: 6363.587+/-2.432 χ^2/NDF : 26074.0/7

In: 6453.630+/-3.558 χ^2/NDF : 14723.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6363.587+/-2.432 χ^2/NDF : 26074.0/7

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -9.449+/-10.303 χ^2/NDF : 4.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.591+/-10.278 χ^2/NDF : 5.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

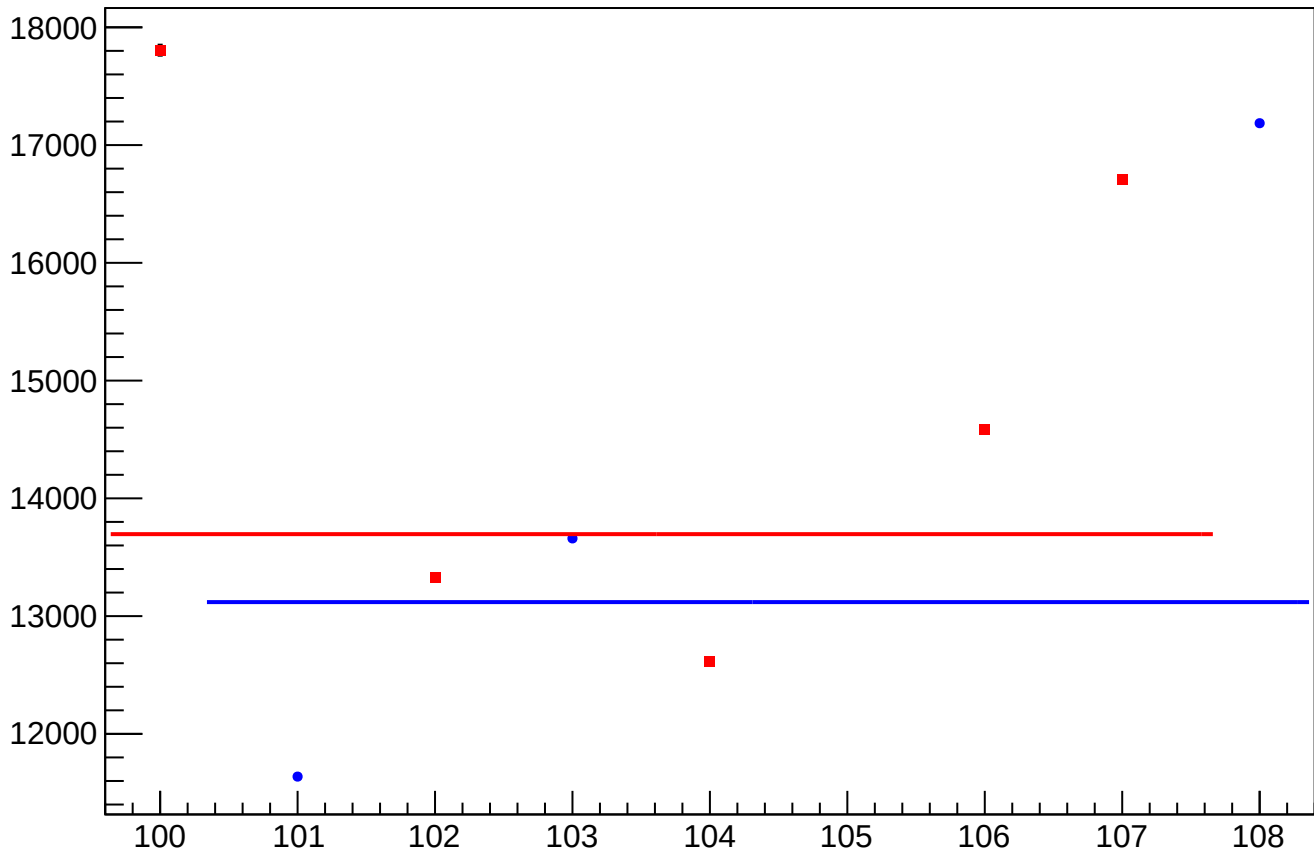
Right: 1.597+/-7.276 χ^2/NDF : 11.9/7

In: -9.449+/-10.303 χ^2/NDF : 4.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.597+/-7.276 χ^2/NDF : 11.9/7

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 13119.041+/-7.285 χ^2/NDF : 67288.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13696.133+/-7.268 χ^2/NDF : 34359.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

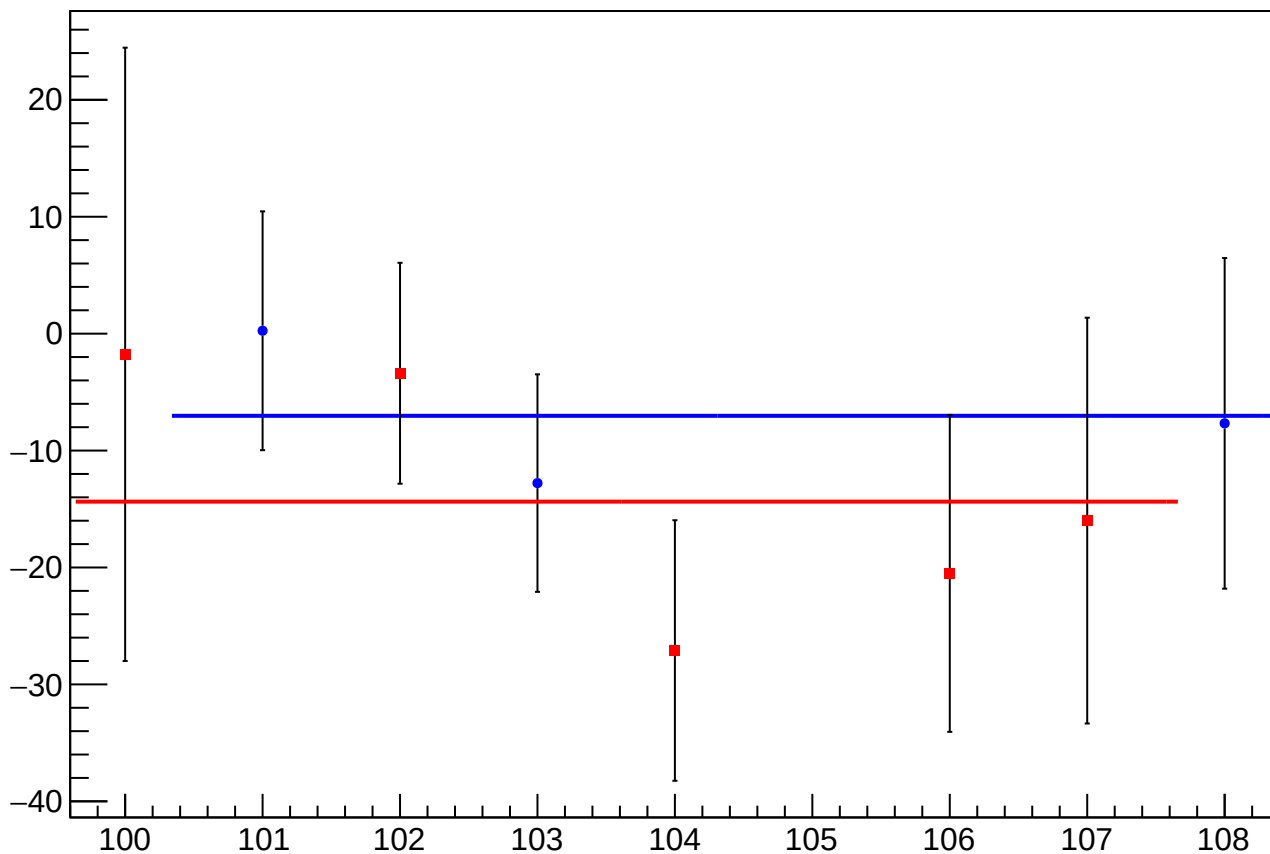
Right: 13408.285+/-5.145 χ^2/NDF : 104792.8/7

In: 13119.041+/-7.285 χ^2/NDF : 67288.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13408.285+/-5.145 χ^2/NDF : 104792.8/7

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -7.026+/-6.185 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.368+/-5.825 χ^2/NDF : 3.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

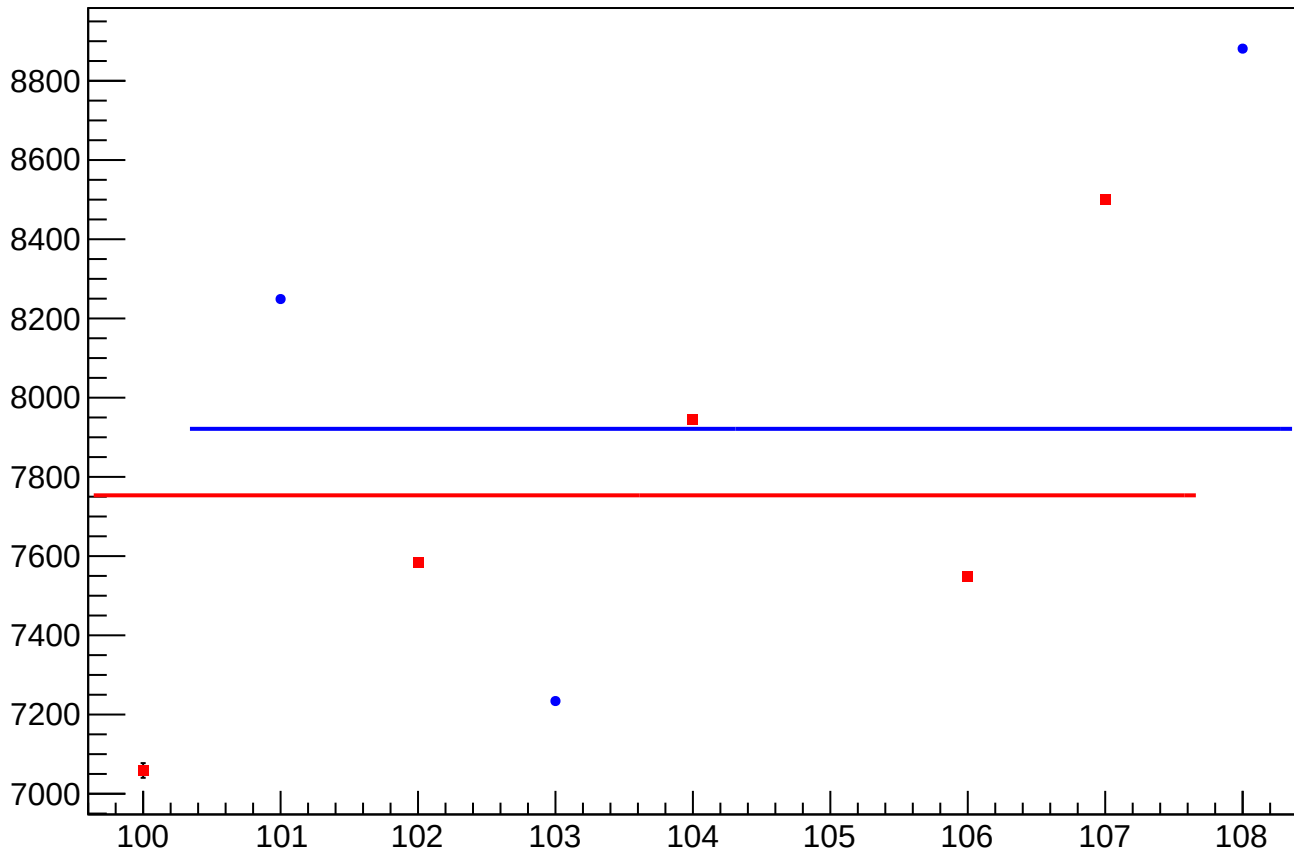
Right: -10.917+/-4.240 χ^2/NDF : 4.7/7

In: -7.026+/-6.185 χ^2/NDF : 0.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.917+/-4.240 χ^2/NDF : 4.7/7

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 7921.335+/-4.373 χ^2/NDF : 22192.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7753.441+/-4.119 χ^2/NDF : 6800.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

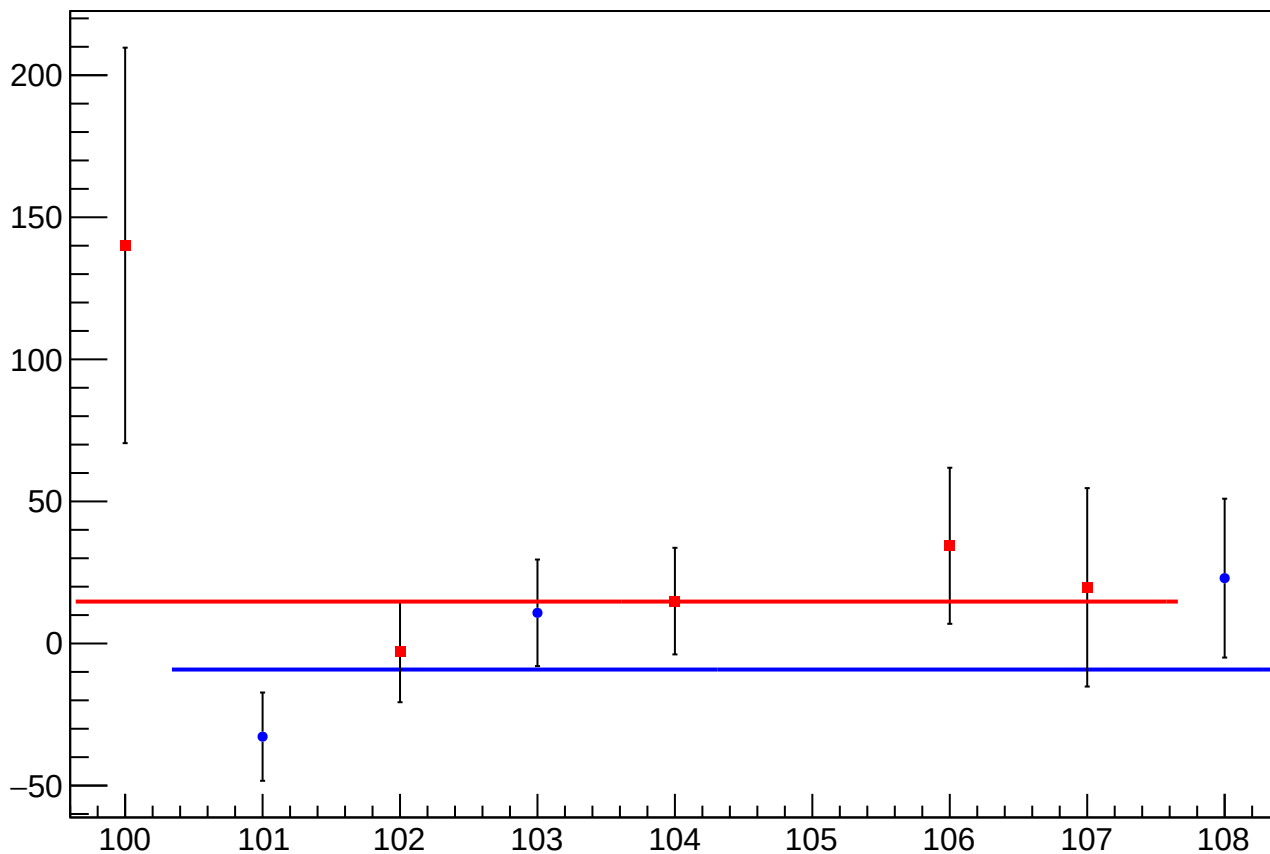
Right: 7832.366+/-2.998 χ^2/NDF : 29773.9/7

In: 7921.335+/-4.373 χ^2/NDF : 22192.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7832.366+/-2.998 χ^2/NDF : 29773.9/7

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -9.164+/-10.999 χ^2/NDF : 4.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.754+/-10.921 χ^2/NDF : 4.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

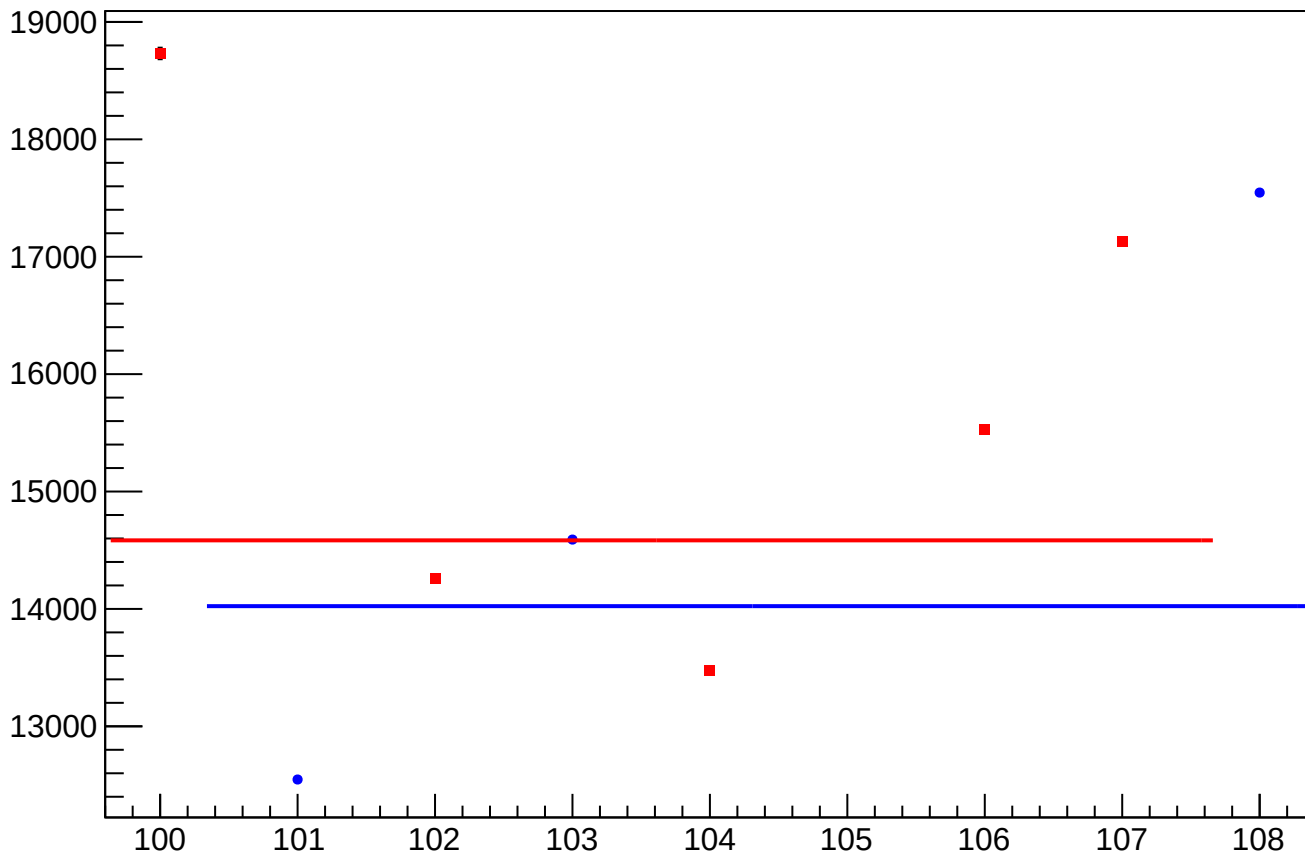
Right: 2.879+/-7.750 χ^2/NDF : 11.9/7

In: -9.164+/-10.999 χ^2/NDF : 4.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.879+/-7.750 χ^2/NDF : 11.9/7

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 14023.631+/-7.777 χ^2/NDF : 51668.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14584.073+/-7.723 χ^2/NDF : 27796.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

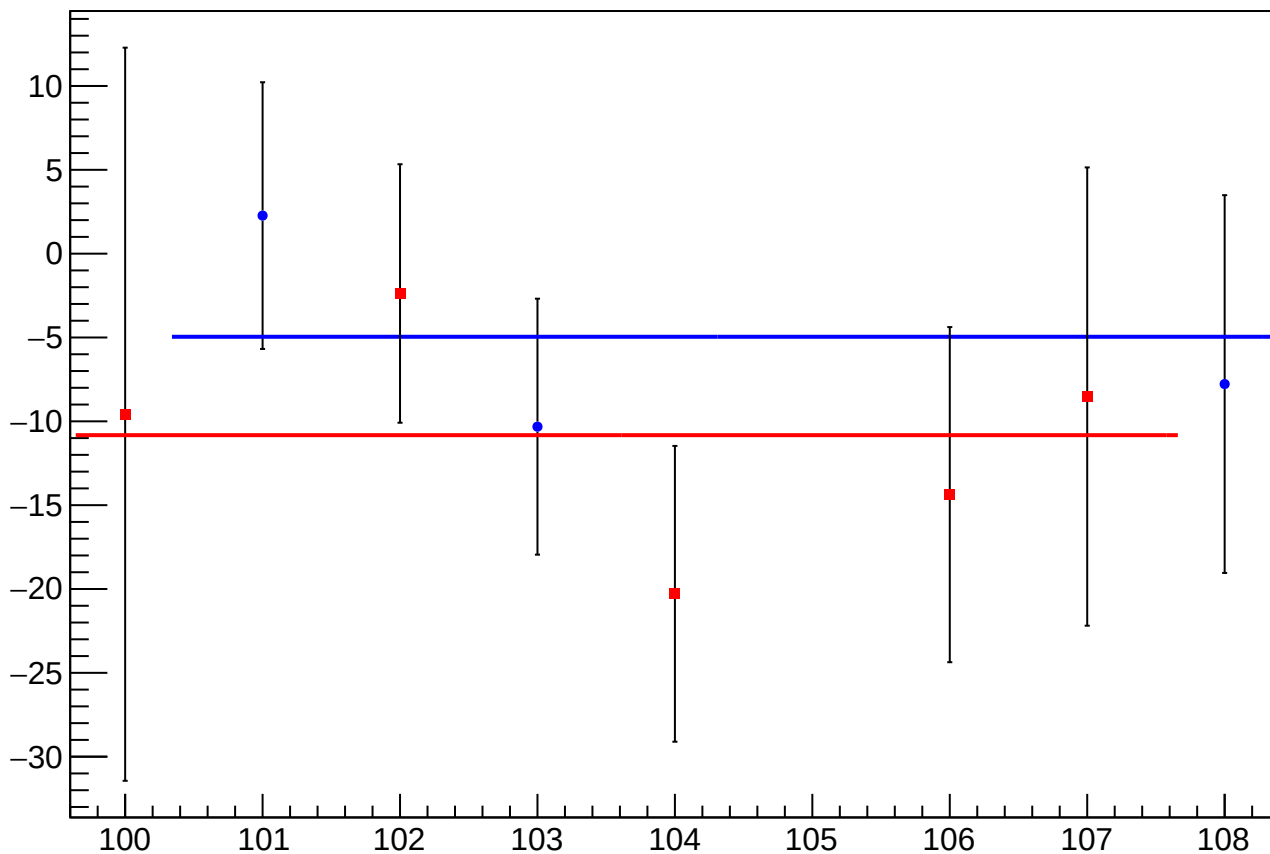
Right: 14305.826+/-5.480 χ^2/NDF : 82079.7/7

In: 14023.631+/-7.777 χ^2/NDF : 51668.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14305.826+/-5.480 χ^2/NDF : 82079.7/7

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -4.957+/-4.948 χ^2/NDF : 1.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.825+/-4.606 χ^2/NDF : 2.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

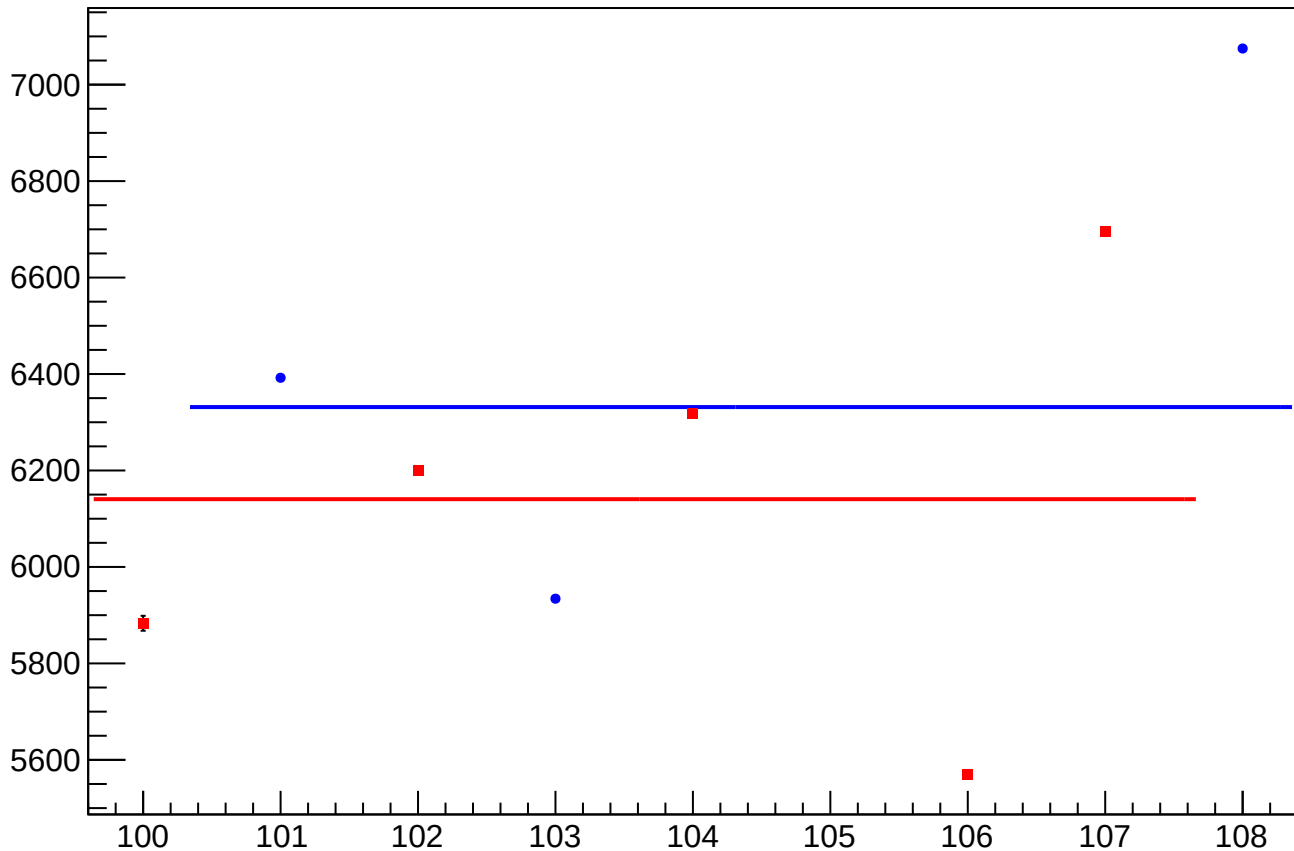
Right: -8.100+/-3.371 χ^2/NDF : 4.6/7

In: -4.957+/-4.948 χ^2/NDF : 1.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.100+/-3.371 χ^2/NDF : 4.6/7

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 6331.478+/-3.498 χ^2/NDF : 14245.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6140.516+/-3.257 χ^2/NDF : 11019.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

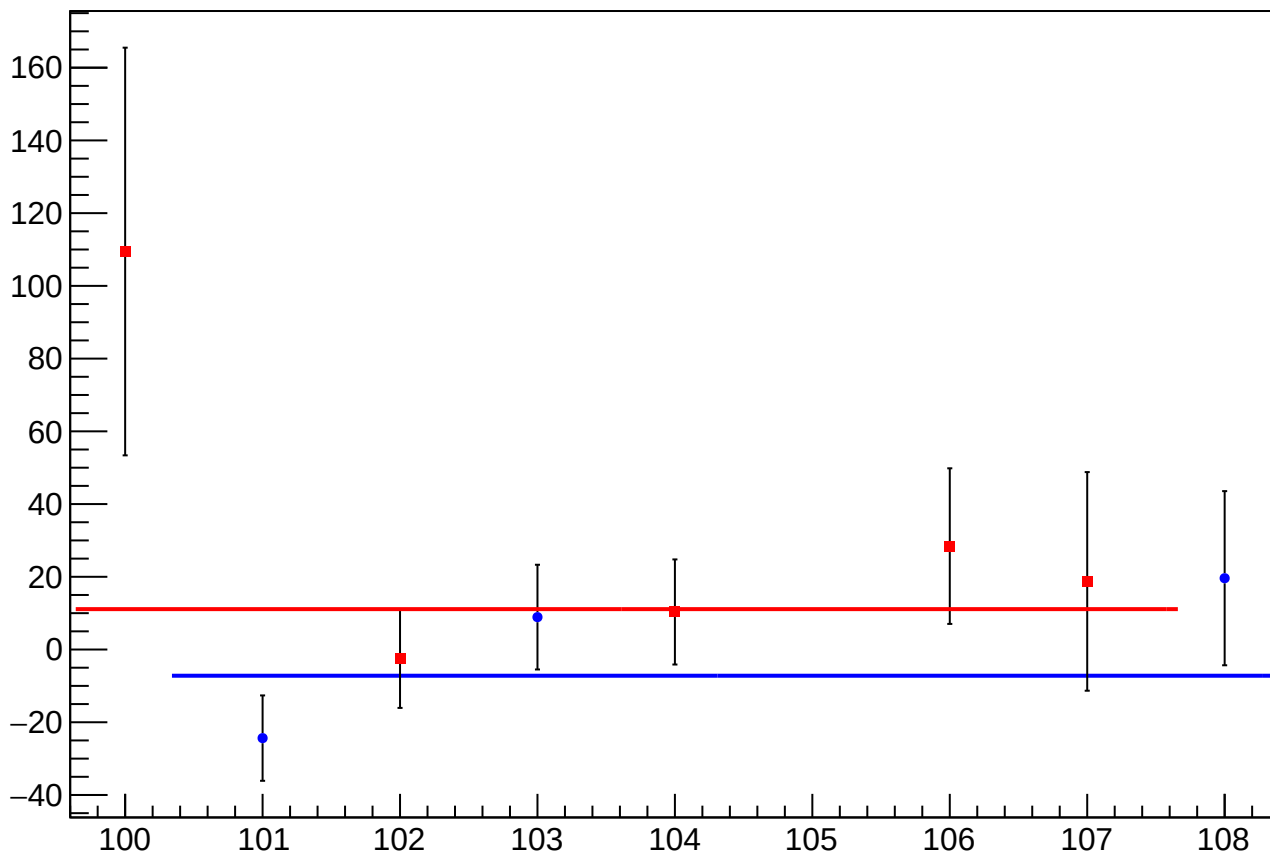
Right: 6229.173+/-2.384 χ^2/NDF : 26861.4/7

In: 6331.478+/-3.498 χ^2/NDF : 14245.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6229.173+/-2.384 χ^2/NDF : 26861.4/7

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -7.205+/-8.505 χ^2/NDF : 4.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.109+/-8.503 χ^2/NDF : 4.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

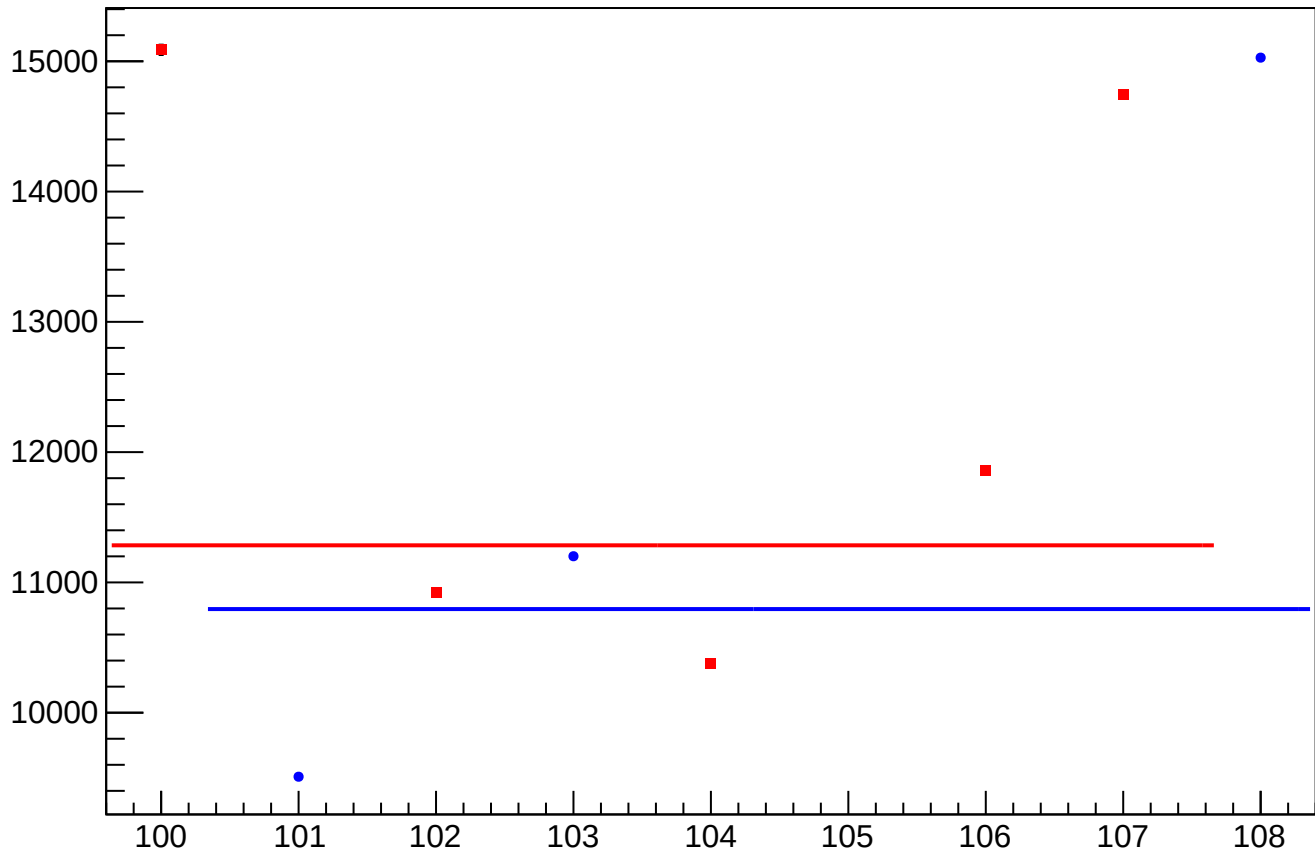
Right: 1.954+/-6.013 χ^2/NDF : 11.8/7

In: -7.205+/-8.505 χ^2/NDF : 4.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.954+/-6.013 χ^2/NDF : 11.8/7

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 10795.386+/-6.014 χ^2/NDF : 88110.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11284.708+/-6.013 χ^2/NDF : 46477.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

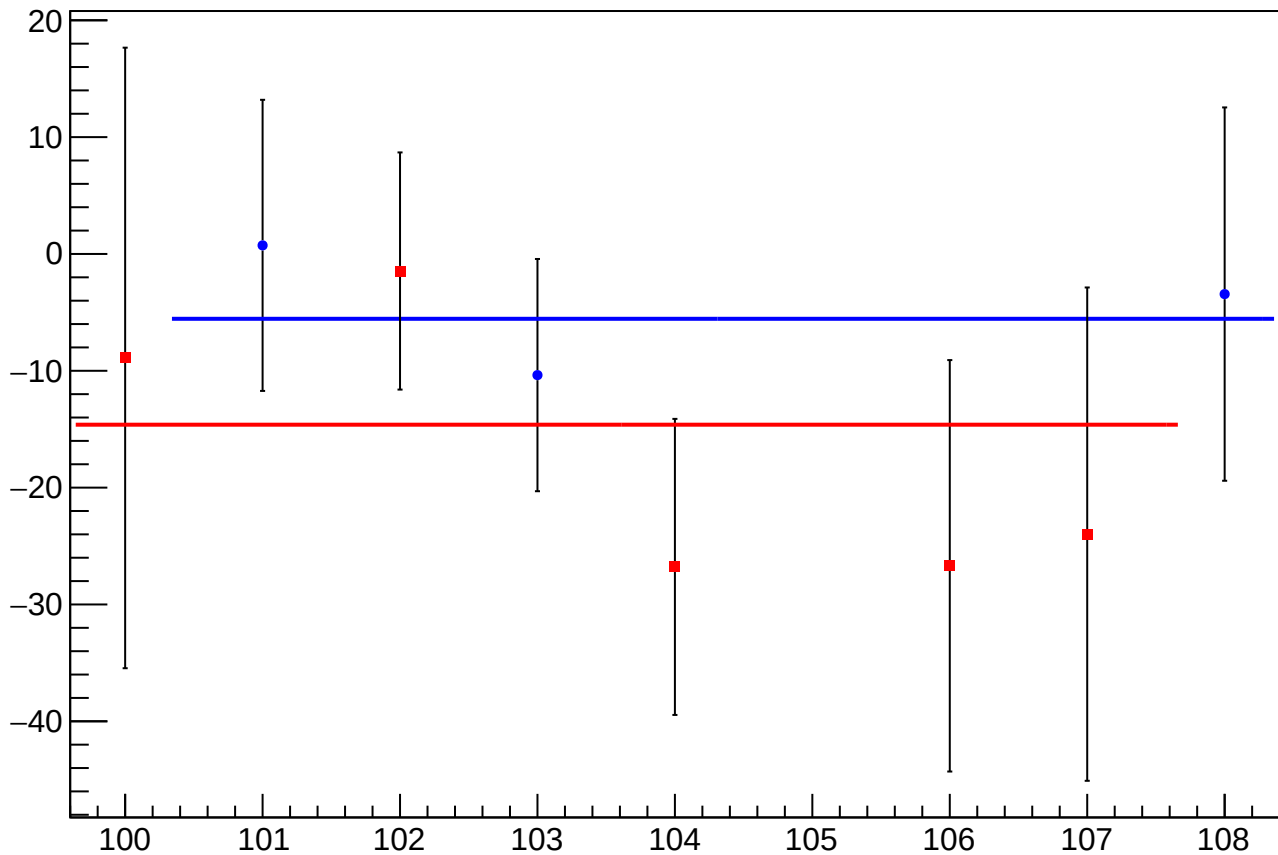
Right: 11040.100+/-4.252 χ^2/NDF : 137898.8/7

In: 10795.386+/-6.014 χ^2/NDF : 88110.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11040.100+/-4.252 χ^2/NDF : 137898.8/7

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: -5.550+/-6.987 χ^2/NDF : 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.614+/-6.619 χ^2/NDF : 3.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

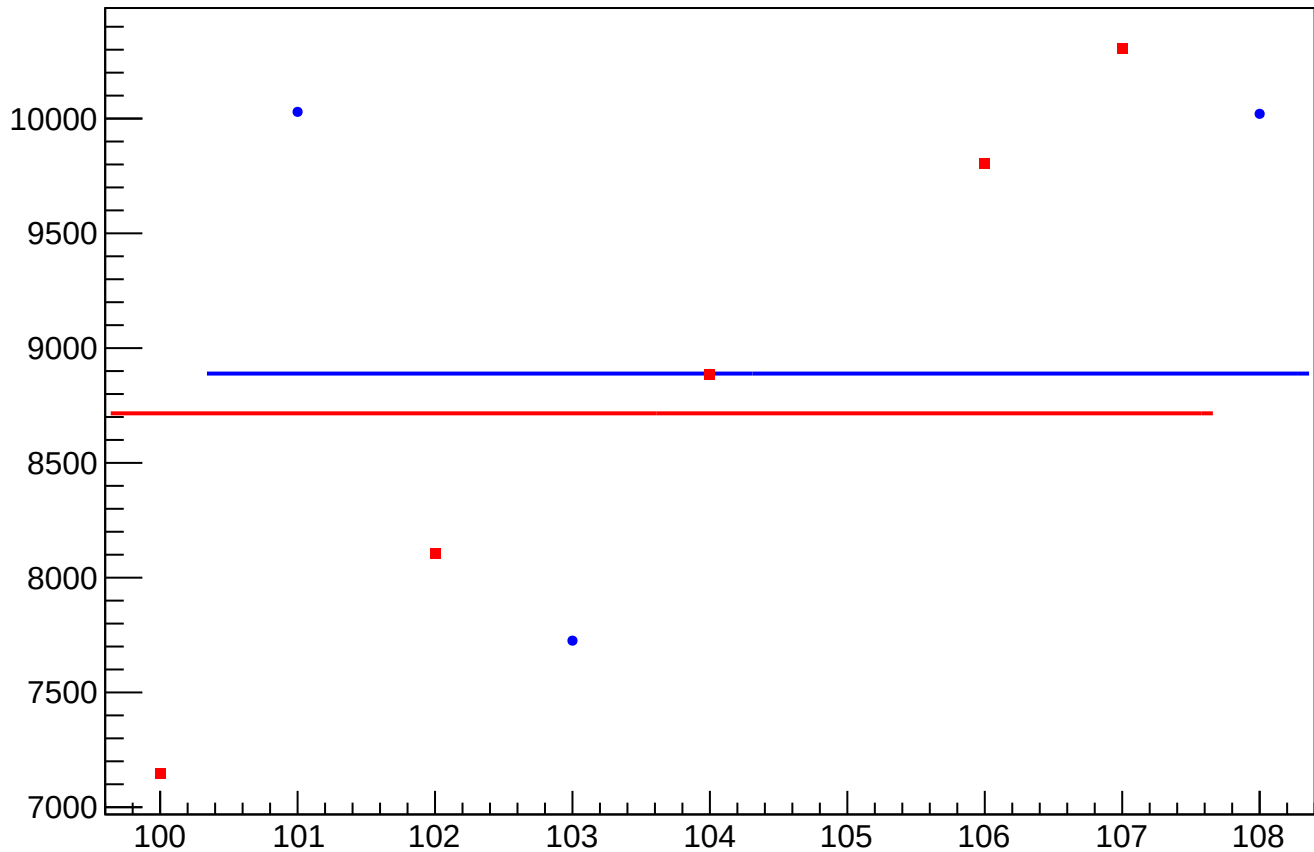
Right: -10.327+/-4.805 χ^2/NDF : 4.7/7

In: -5.550+/-6.987 χ^2/NDF : 0.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.327+/-4.805 χ^2/NDF : 4.7/7

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 8889.150+/-4.941 χ^2/NDF : 54191.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8715.908+/-4.680 χ^2/NDF : 33576.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

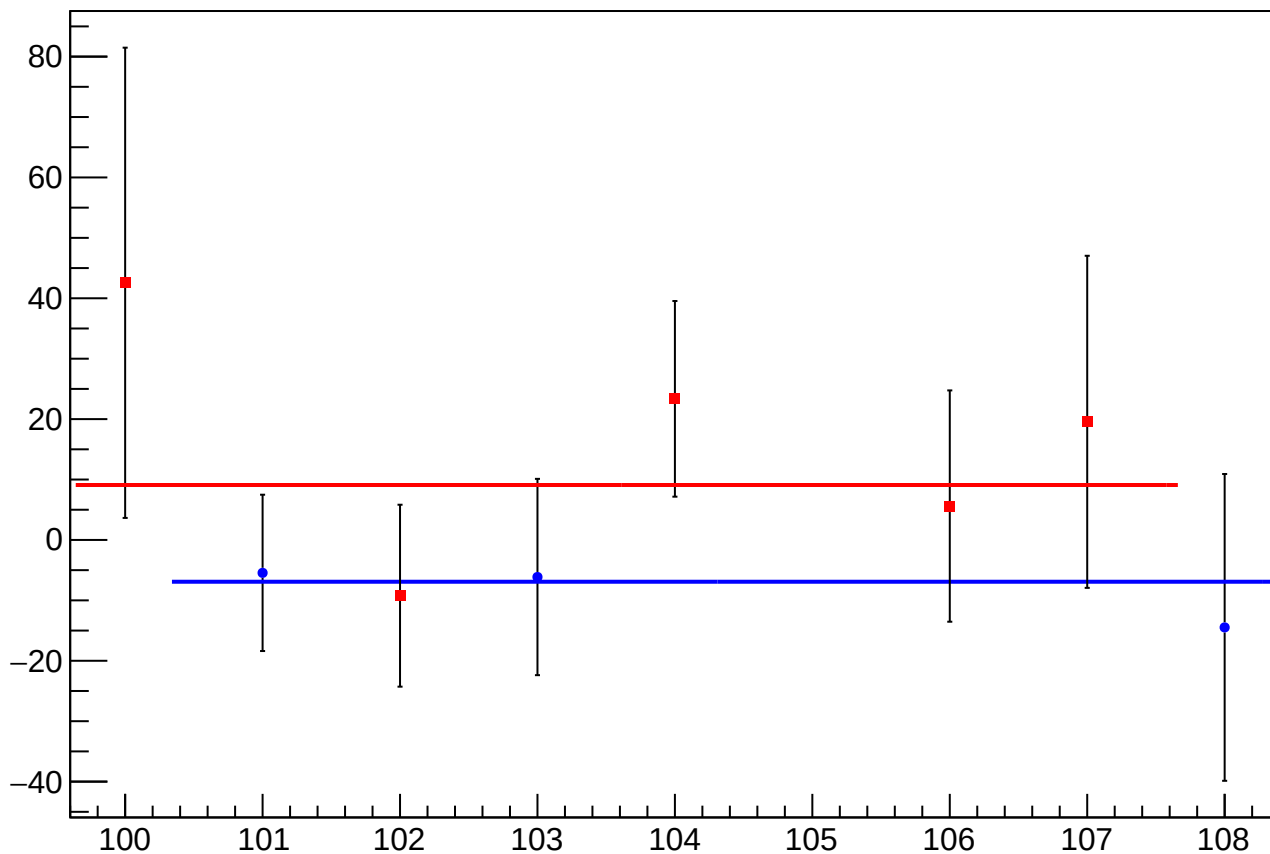
Right: 8797.848+/-3.398 χ^2/NDF : 88415.7/7

In: 8889.150+/-4.941 χ^2/NDF : 54191.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8797.848+/-3.398 χ^2/NDF : 88415.7/7

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -6.917+/-9.401 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.094+/-8.792 χ^2/NDF : 3.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

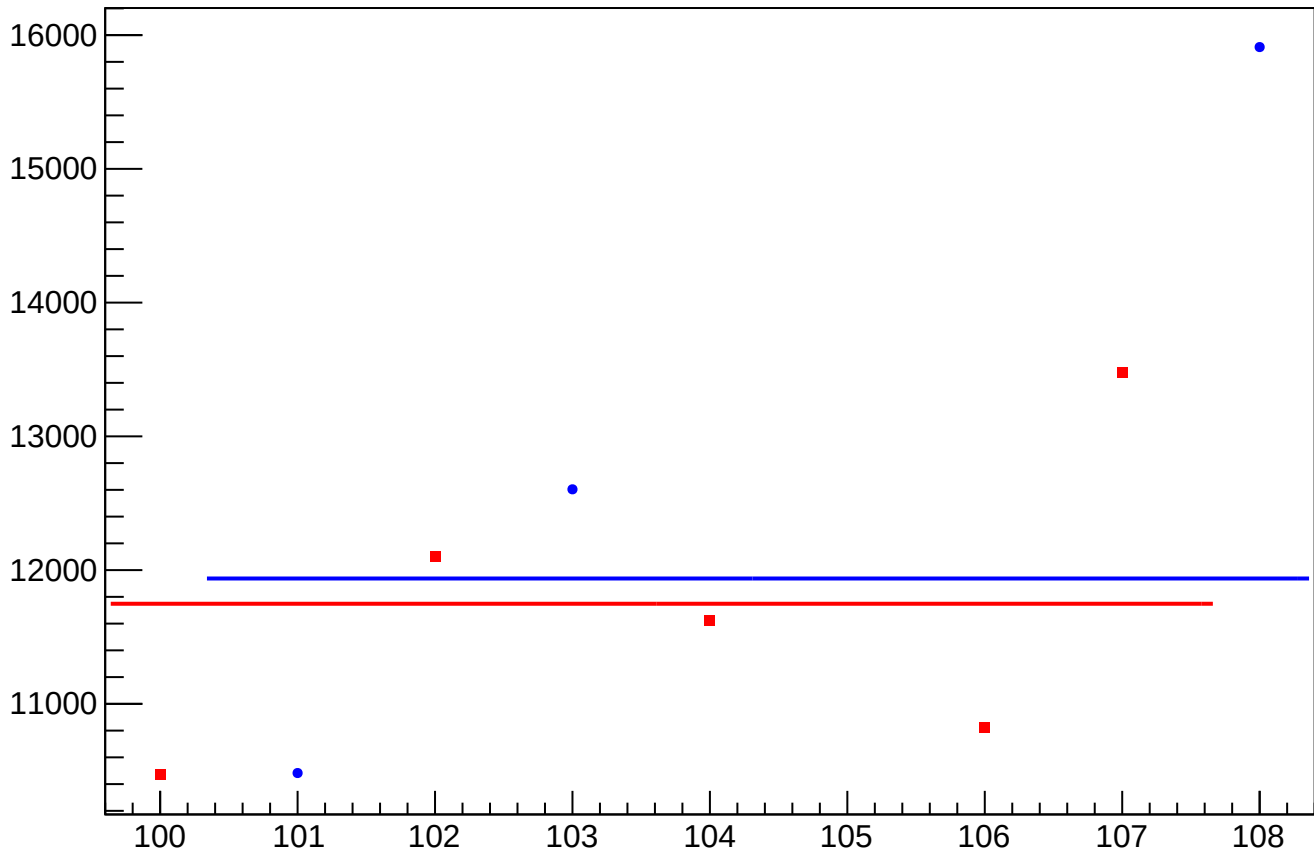
Right: 1.624+/-6.421 χ^2/NDF : 4.8/7

In: -6.917+/-9.401 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.624+/-6.421 χ^2/NDF : 4.8/7

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11937.234+/-6.648 χ^2/NDF : 77632.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11748.390+/-6.217 χ^2/NDF : 15971.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

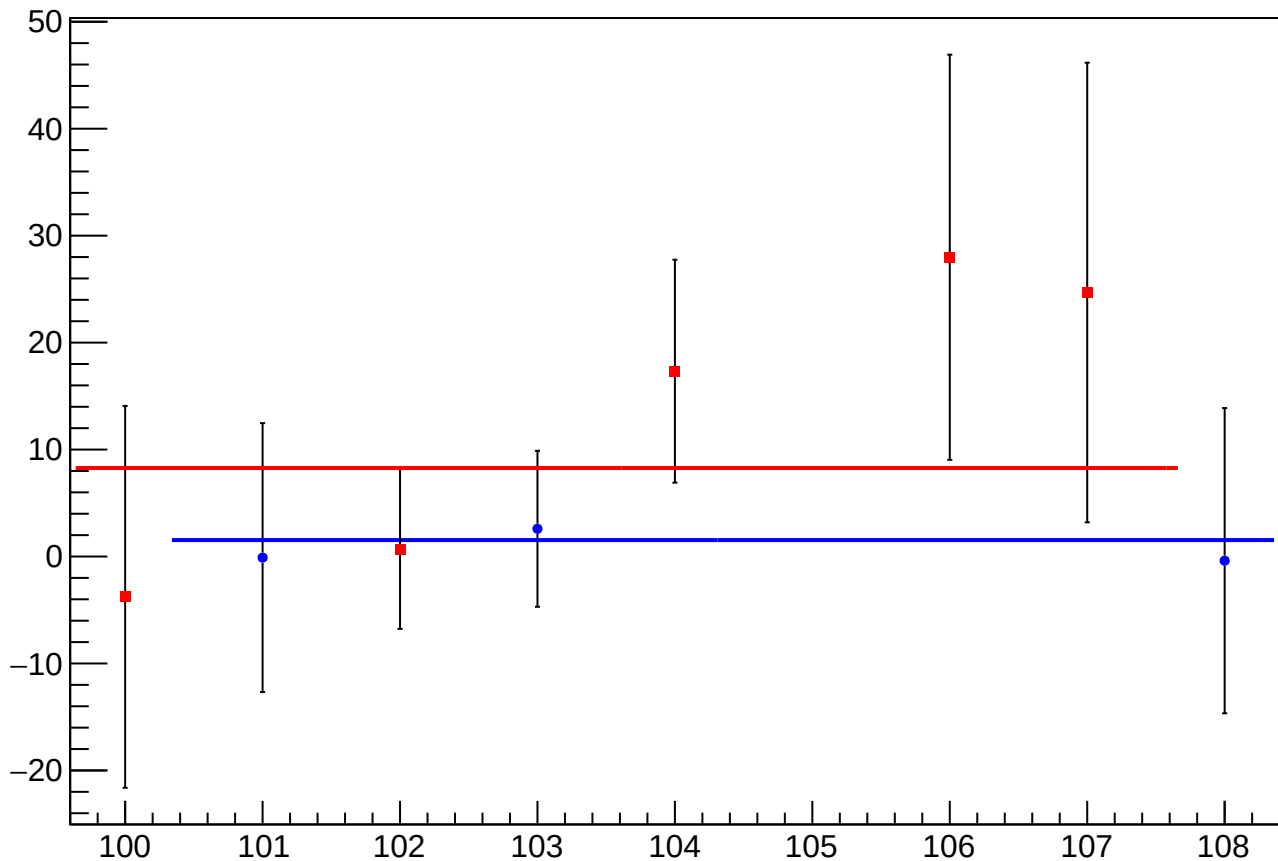
Right: 11836.492+/-4.541 χ^2/NDF : 94033.6/7

In: 11937.234+/-6.648 χ^2/NDF : 77632.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11836.492+/-4.541 χ^2/NDF : 94033.6/7

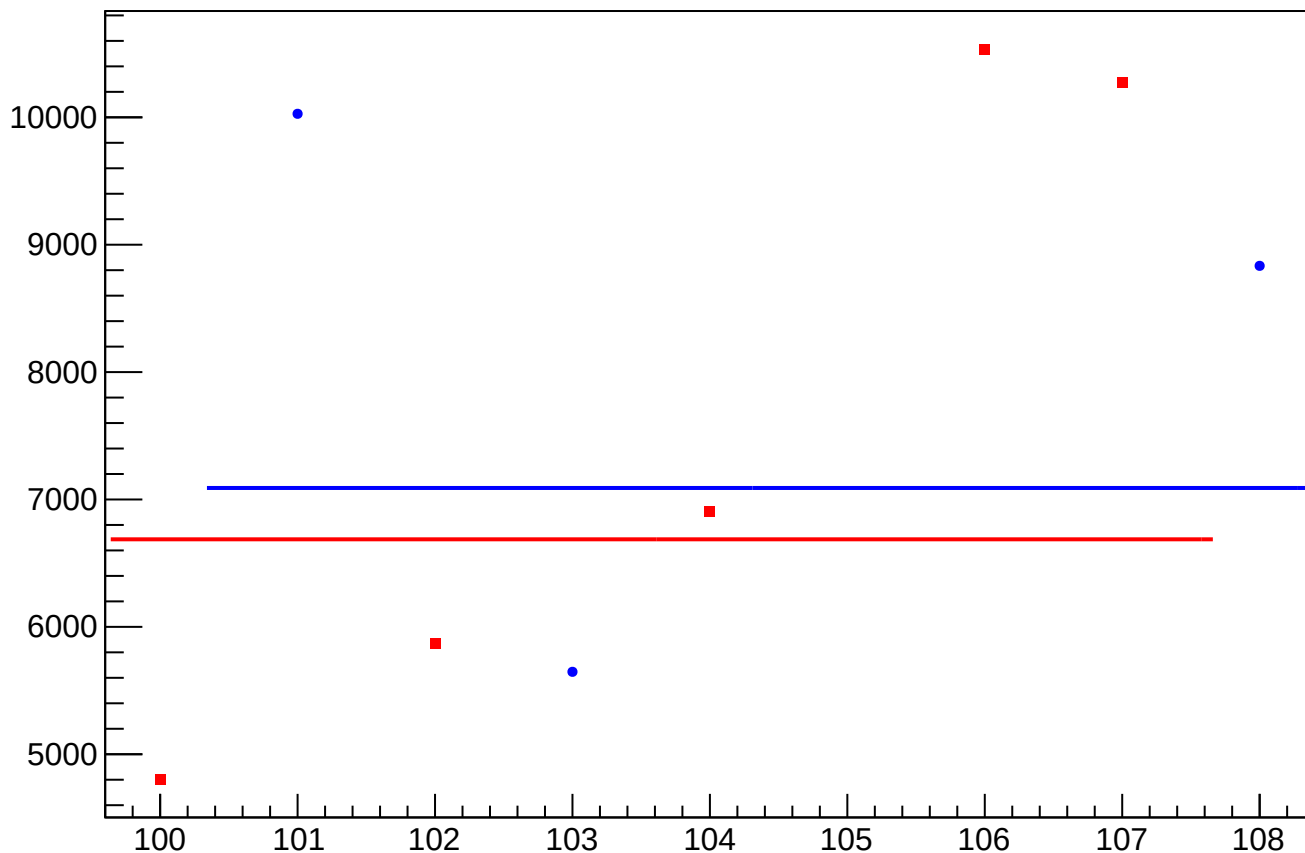
diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: 1.538+/-5.769 χ^2/NDF : 0.1/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 8.277+/-5.327 χ^2/NDF : 3.9/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 5.175+/-3.914 χ^2/NDF : 4.7/7
 In: 1.538+/-5.769 χ^2/NDF : 0.1/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 5.175+/-3.914 χ^2/NDF : 4.7/7

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 7090.346+/-4.079 χ^2/NDF : 217391.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6687.266+/-3.767 χ^2/NDF : 185103.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

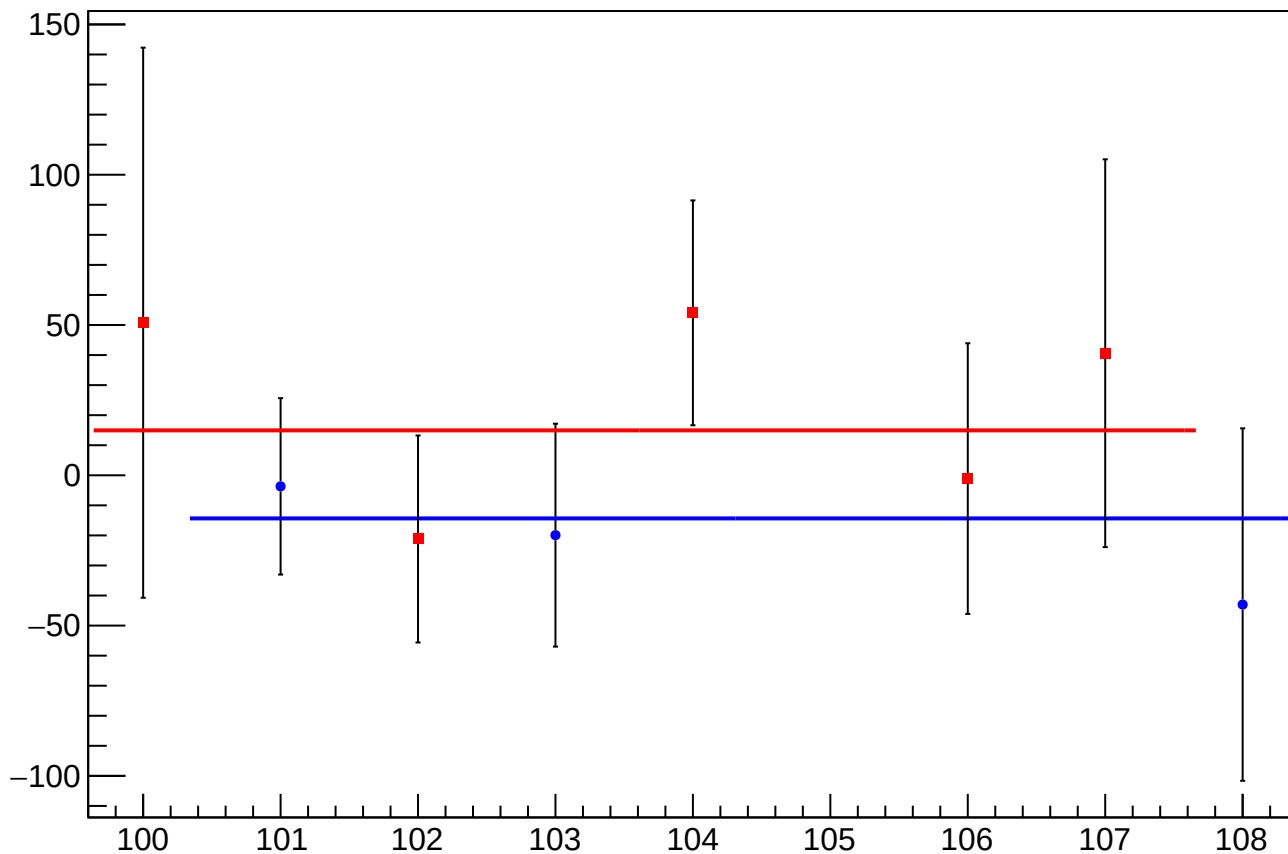
Right: 6872.766+/-2.767 χ^2/NDF : 407764.3/7

In: 7090.346+/-4.079 χ^2/NDF : 217391.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6872.766+/-2.767 χ^2/NDF : 407764.3/7

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -14.345 $\pm$ 21.421 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 14.948 $\pm$ 20.364 χ^2 /NDF: 2.6/4

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

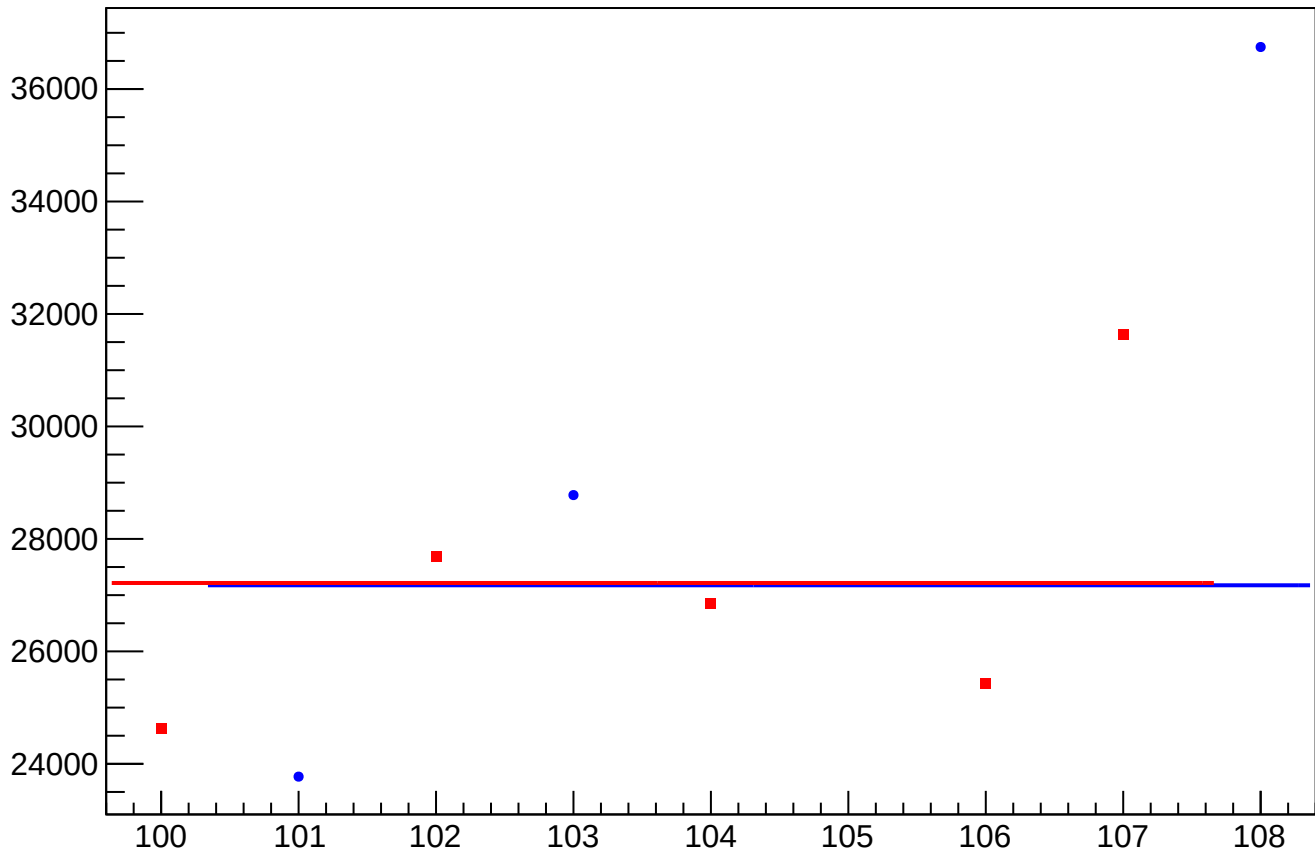
Right: 1.042 $\pm$ 14.759 χ^2 /NDF: 4.0/7

In: -14.345 $\pm$ 21.421 χ^2 /NDF:0.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.042 $\pm$ 14.759 χ^2 /NDF: 4.0/7

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 27175.340+/-15.147 χ^2/NDF : 83948.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27216.210+/-14.400 χ^2/NDF : 14713.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

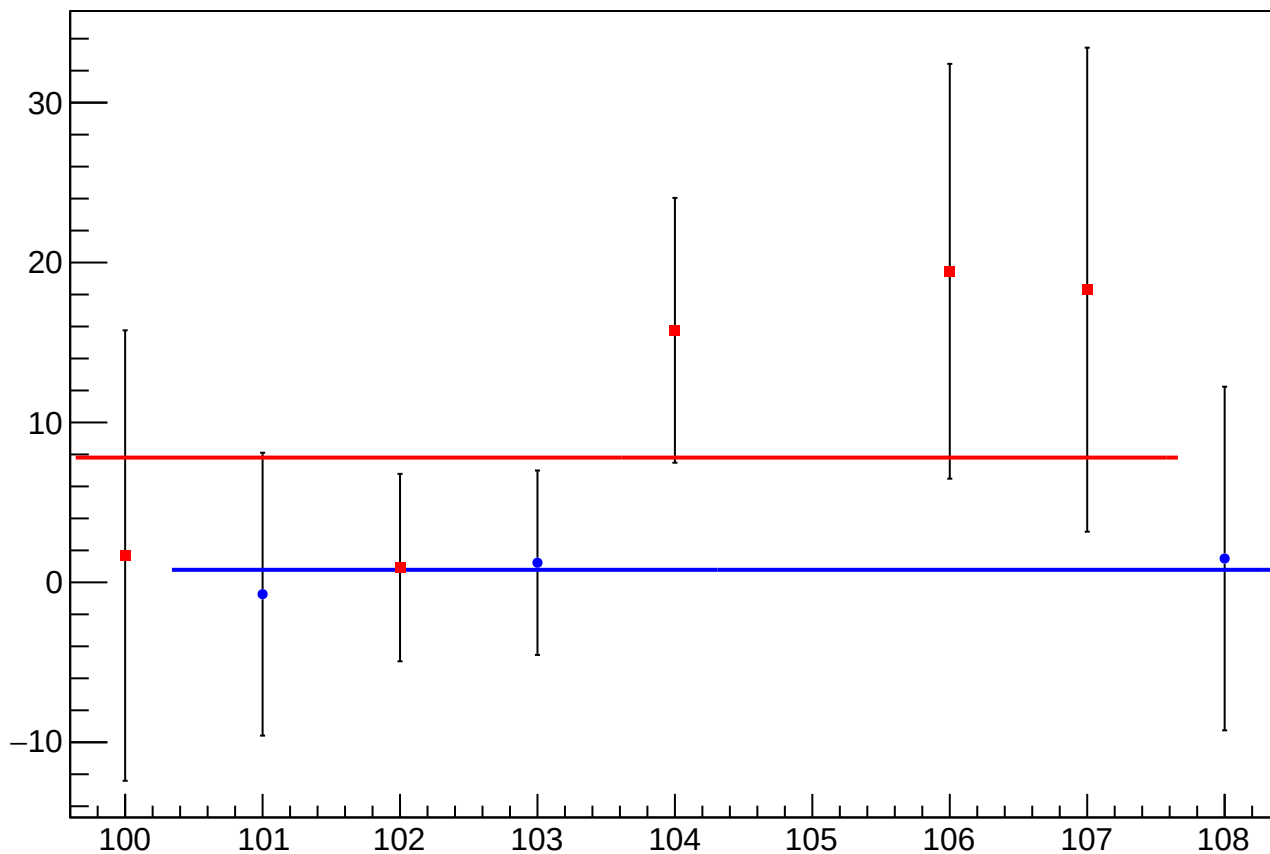
Right: 27196.808+/-10.436 χ^2/NDF : 98666.0/7

In: 27175.340+/-15.147 χ^2/NDF : 83948.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27196.808+/-10.436 χ^2/NDF : 98666.0/7

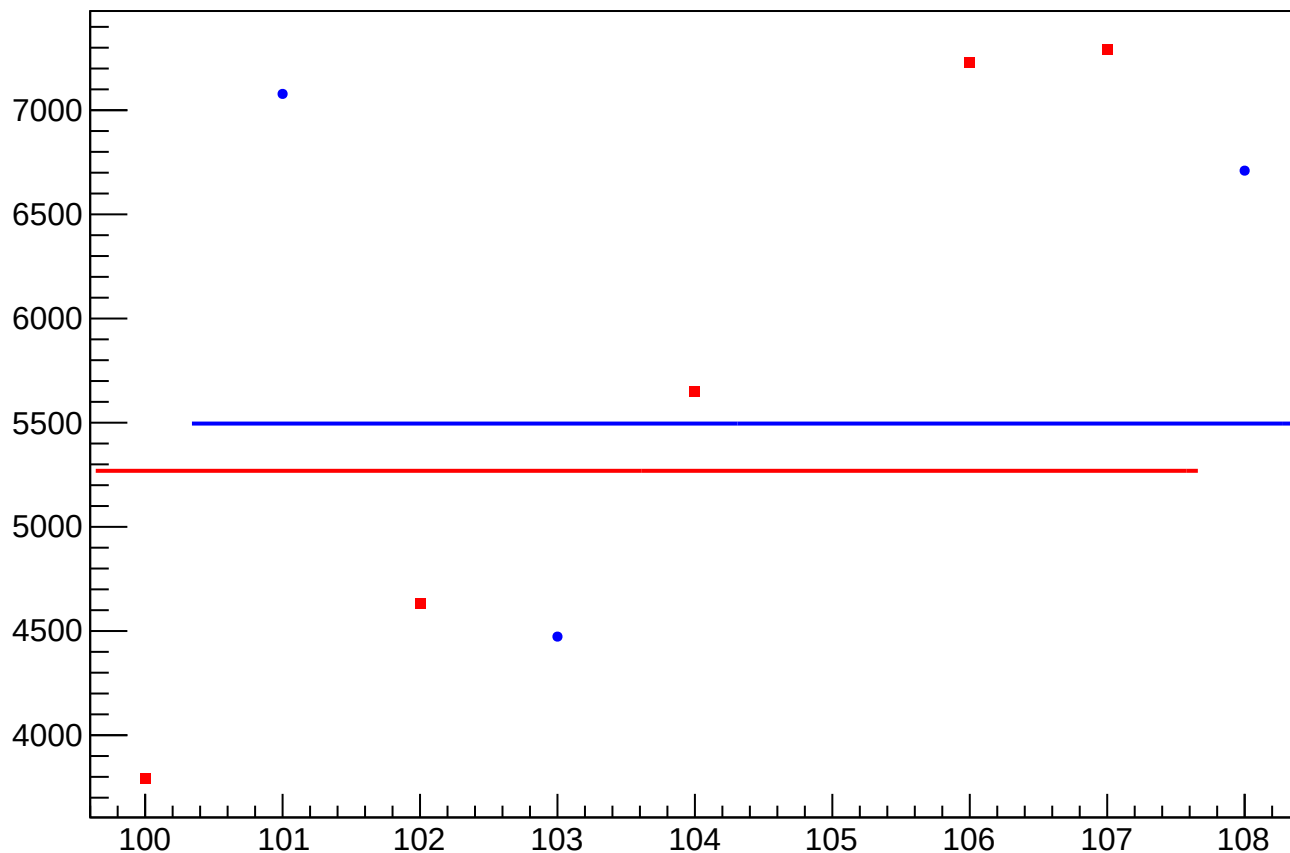
diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.785+/-4.406 χ^2/NDF : 0.0/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 7.804+/-4.115 χ^2/NDF : 3.8/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 4.534+/-3.008 χ^2/NDF : 5.2/7
 In: 0.785+/-4.406 χ^2/NDF : 0.0/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 4.534+/-3.008 χ^2/NDF : 5.2/7

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 5495.815+/-3.116 χ^2/NDF : 152409.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5269.028+/-2.910 χ^2/NDF : 131265.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

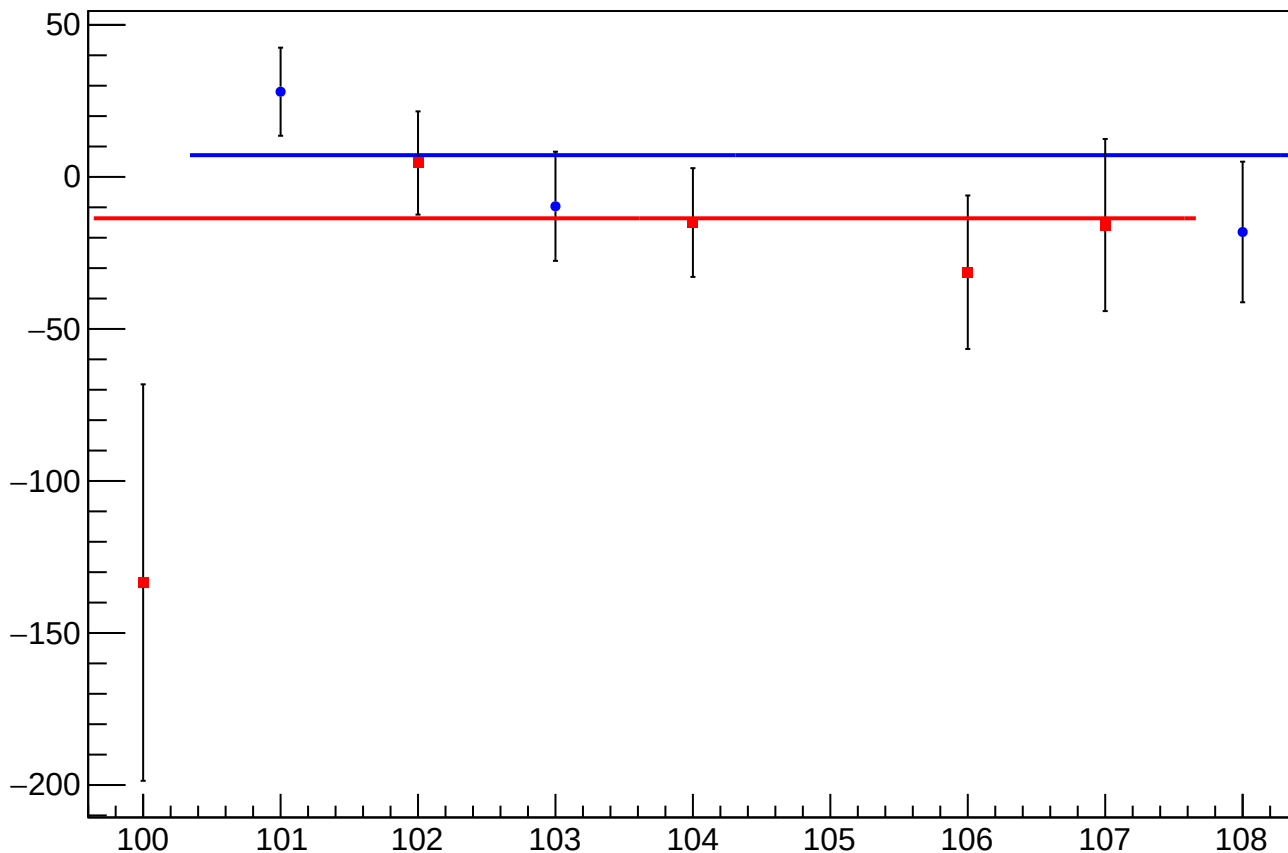
Right: 5374.680+/-2.127 χ^2/NDF : 286503.9/7

In: 5495.815+/-3.116 χ^2/NDF : 152409.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5374.680+/-2.127 χ^2/NDF : 286503.9/7

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: 7.153 $\pm$ 10.133 χ^2/NDF : 4.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -13.610 $\pm$ 10.179 χ^2/NDF : 5.0/4

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

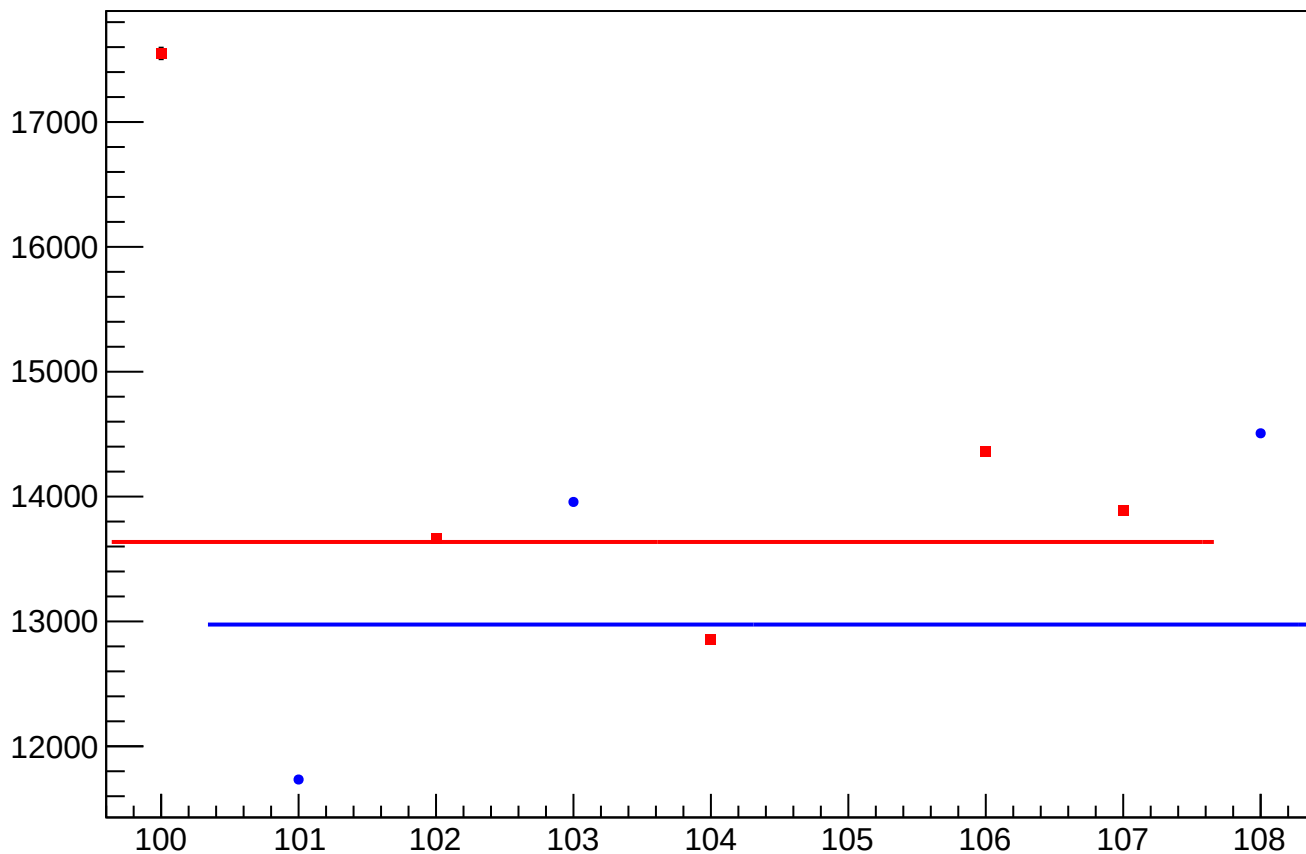
Right: -3.181 $\pm$ 7.181 χ^2/NDF : 11.3/7

In: 7.153 $\pm$ 10.133 χ^2/NDF : 4.1/2

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -3.181 $\pm$ 7.181 χ^2/NDF : 11.3/7

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 12975.025+/-7.165 χ^2/NDF : 29449.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13636.431+/-7.197 χ^2/NDF : 12849.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

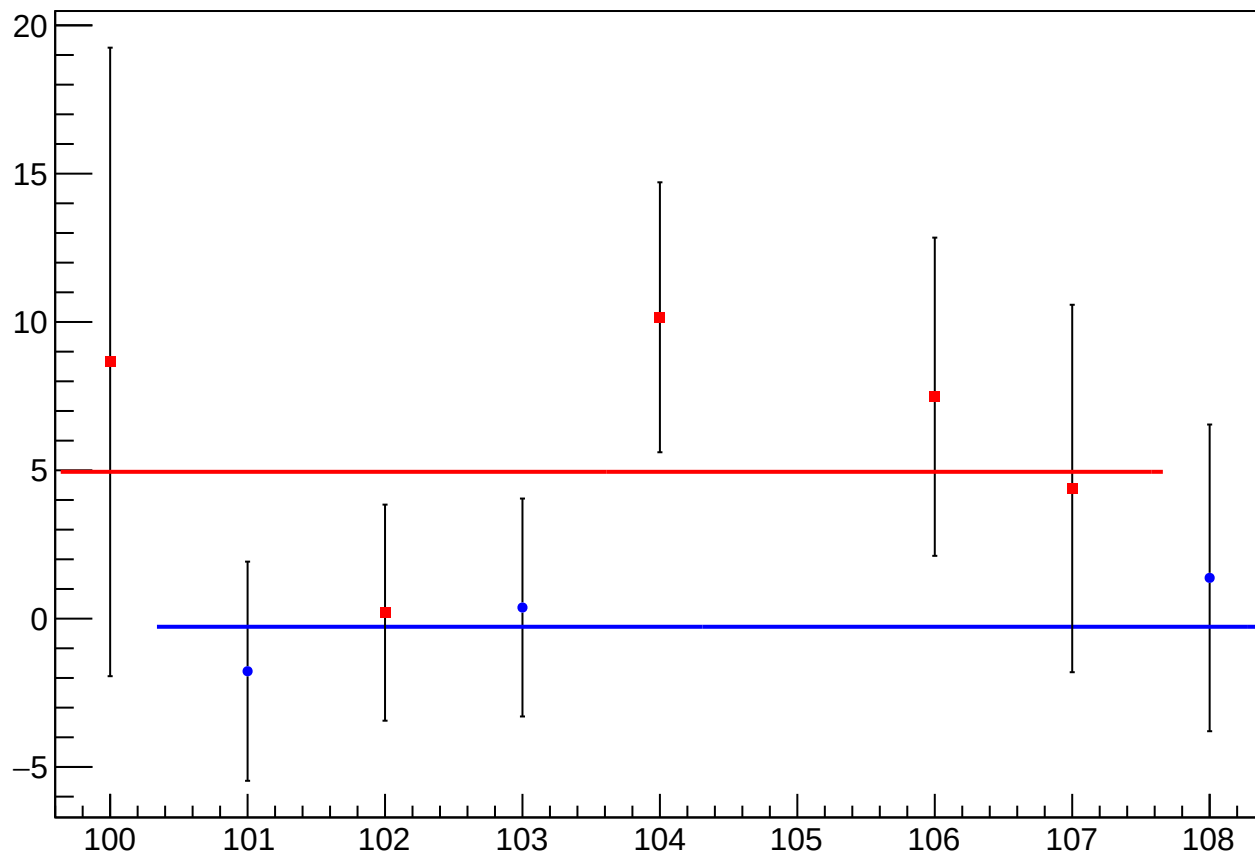
Right: 13304.229+/-5.078 χ^2/NDF : 46540.6/7

In: 12975.025+/-7.165 χ^2/NDF : 29449.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13304.229+/-5.078 χ^2/NDF : 46540.6/7

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.274 ± 2.326 χ^2/NDF : 0.3/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 4.949 ± 2.274 χ^2/NDF : 3.4/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

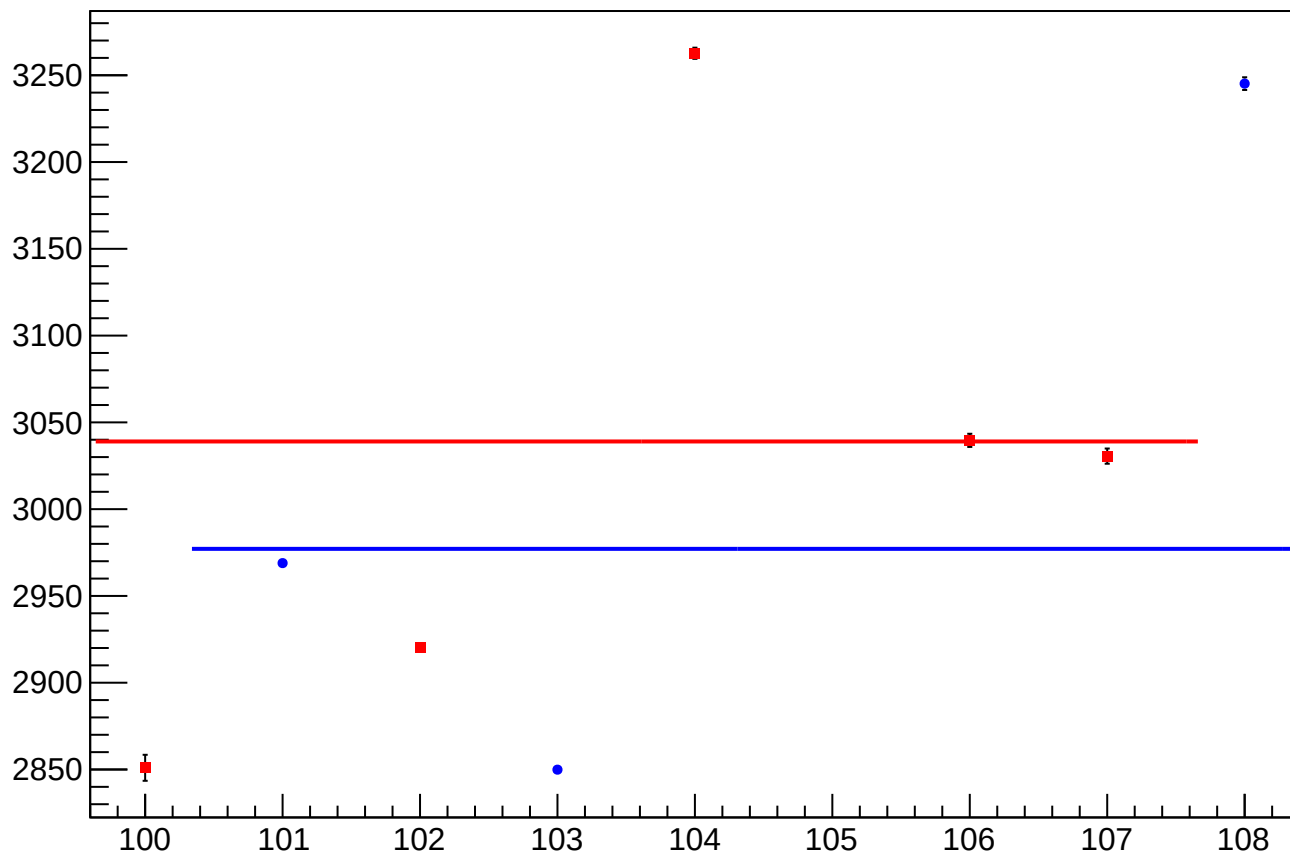
Right: 2.397 ± 1.626 χ^2/NDF : 6.2/7

In: -0.274 ± 2.326 χ^2/NDF : 0.3/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 2.397 ± 1.626 χ^2/NDF : 6.2/7

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 2977.127+/-1.645 χ^2/NDF : 7787.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3039.000+/-1.608 χ^2/NDF : 7583.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 3008.769+/-1.150 χ^2/NDF : 16094.0/7

In: 2977.127+/-1.645 χ^2/NDF : 7787.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3008.769+/-1.150 χ^2/NDF : 16094.0/7

diff_bpm1p02bX_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 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: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1p02bX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 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: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1p02bY_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 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: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1p02bY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 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

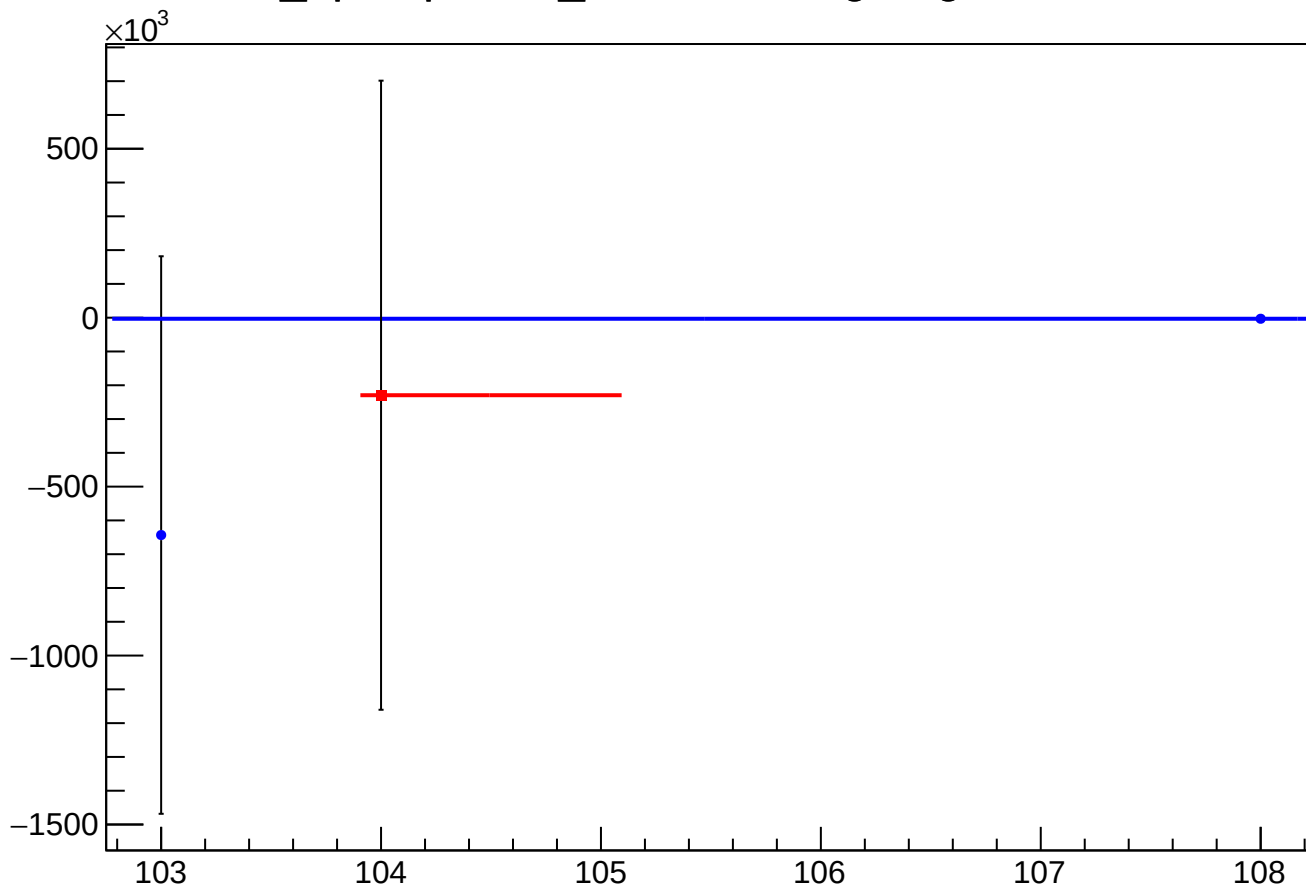
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1p03aX_mean vs Slug, Sign Corrected



Right In: -3167.756+/-2718.119 χ^2/NDF : 0.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -229463.637+/-930938.464 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: -3169.685+/-2718.107 χ^2/NDF : 0.7/2

In: -3167.756+/-2718.119 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3169.685+/-2718.107 χ^2/NDF : 0.7/2

diff_bpm1p03aX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 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

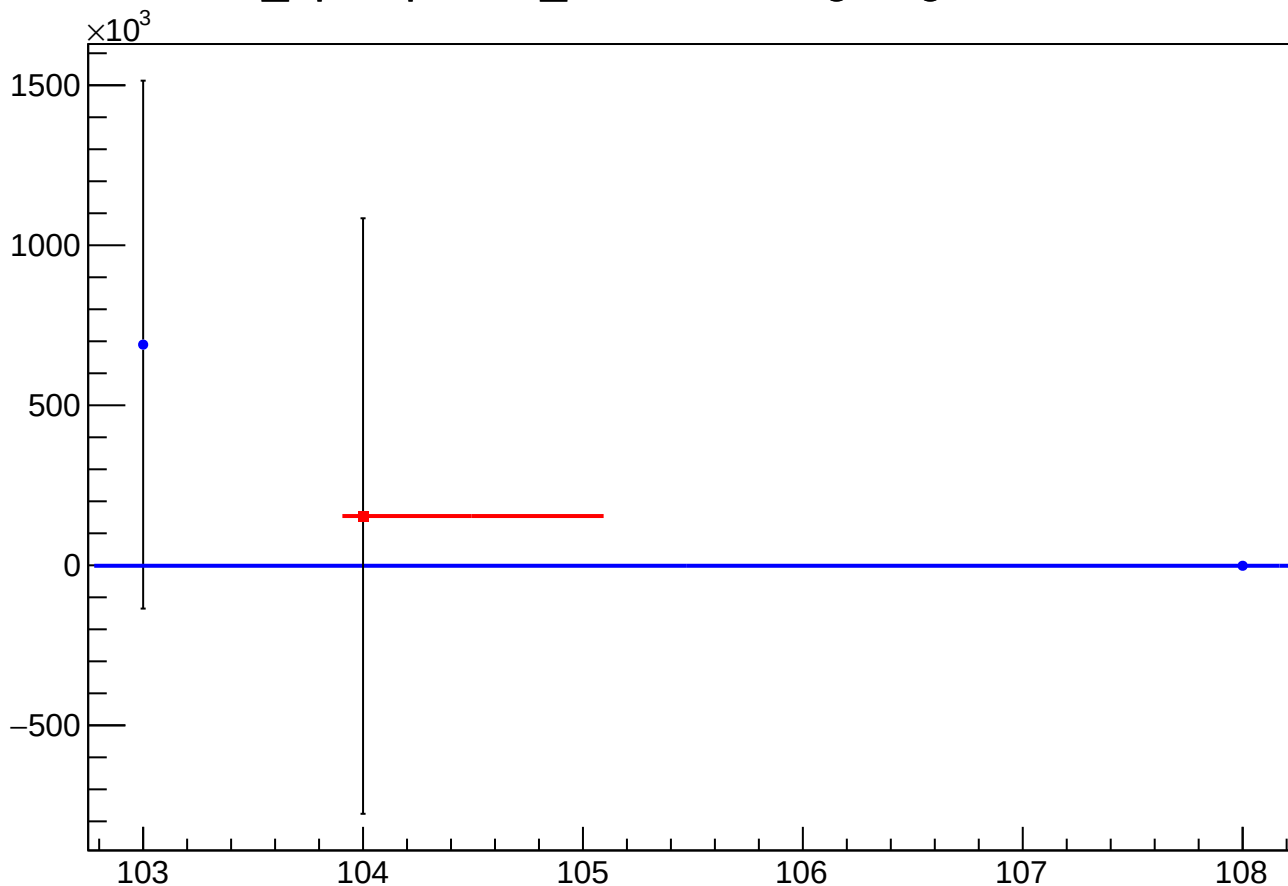
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1p03aY_mean vs Slug, Sign Corrected



Right In: -1402.441+/-2720.021 χ^2/NDF : 0.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153979.267+/-930380.849 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: -1401.112+/-2720.009 χ^2/NDF : 0.7/2

In: -1402.441+/-2720.021 χ^2/NDF : 0.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1401.112+/-2720.009 χ^2/NDF : 0.7/2

diff_bpm1p03aY_rms vs Slug, Sign Corrected



Right In: 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 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

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

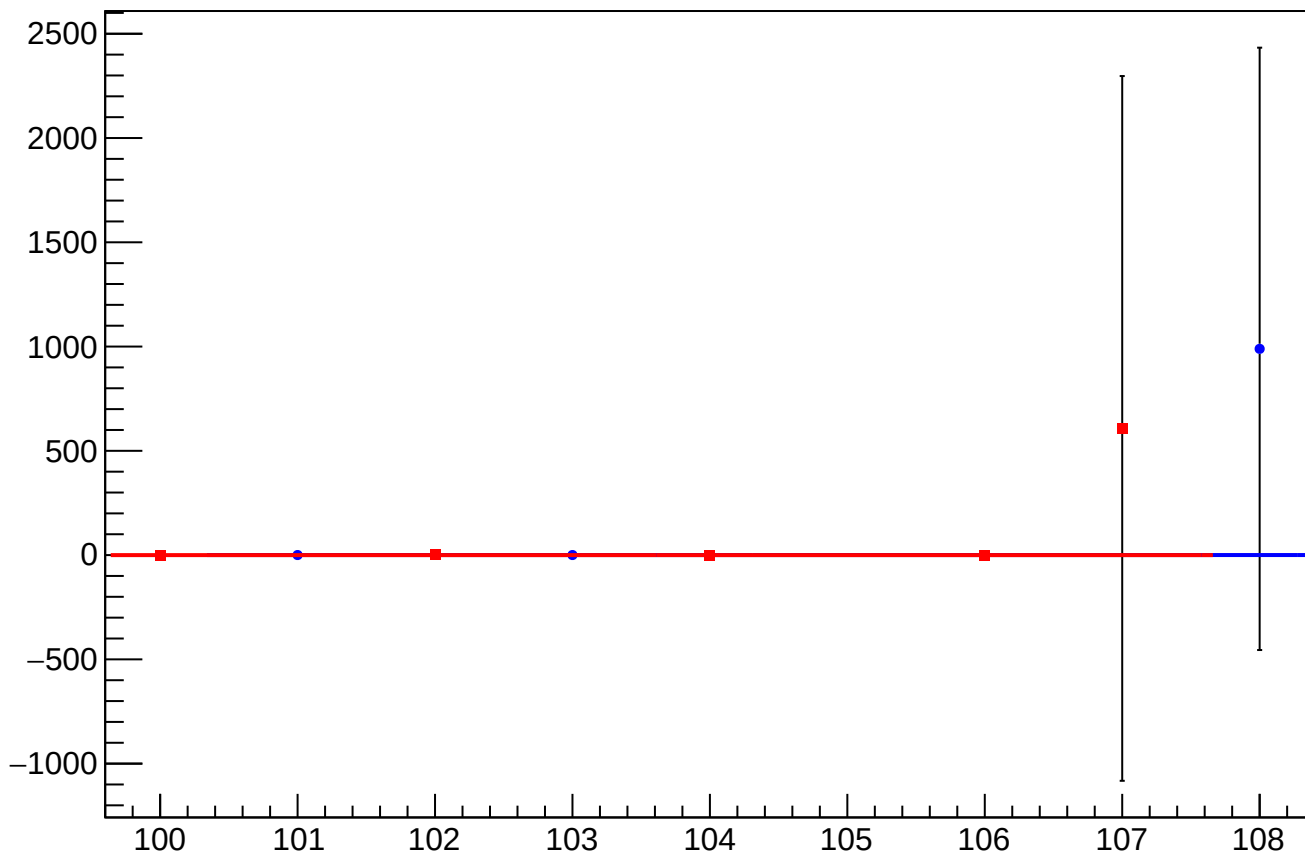
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.256 $\pm$ 0.356 χ^2 /NDF: 0.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.096 $\pm$ 0.328 χ^2 /NDF: 3.6/4

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

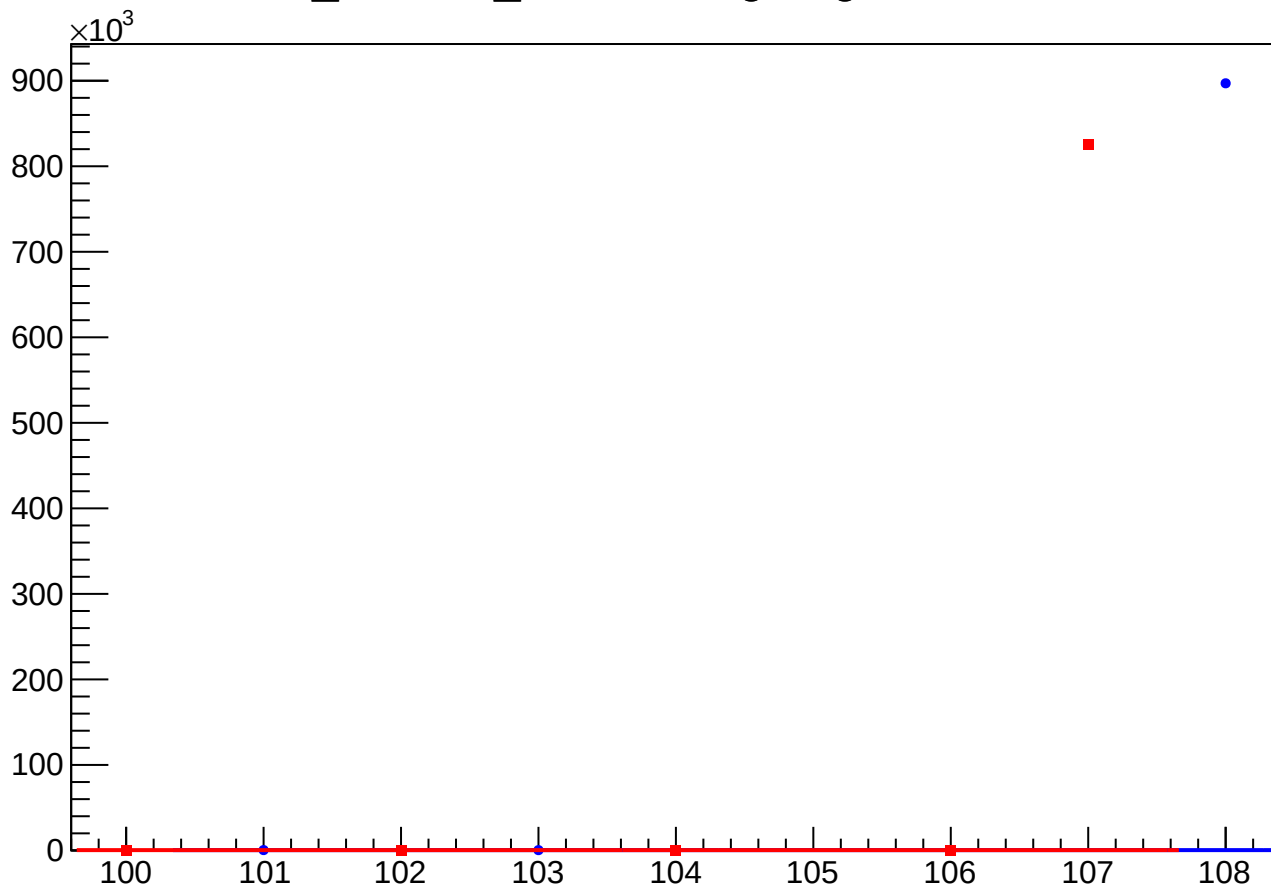
Right: 0.066 $\pm$ 0.241 χ^2 /NDF: 4.6/7

In: 0.256 $\pm$ 0.356 χ^2 /NDF: 0.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.066 $\pm$ 0.241 χ^2 /NDF: 4.6/7

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 398.228 $\pm$ 0.251 χ^2/NDF : 744917.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 392.709 $\pm$ 0.232 χ^2/NDF : 492223.8/4

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

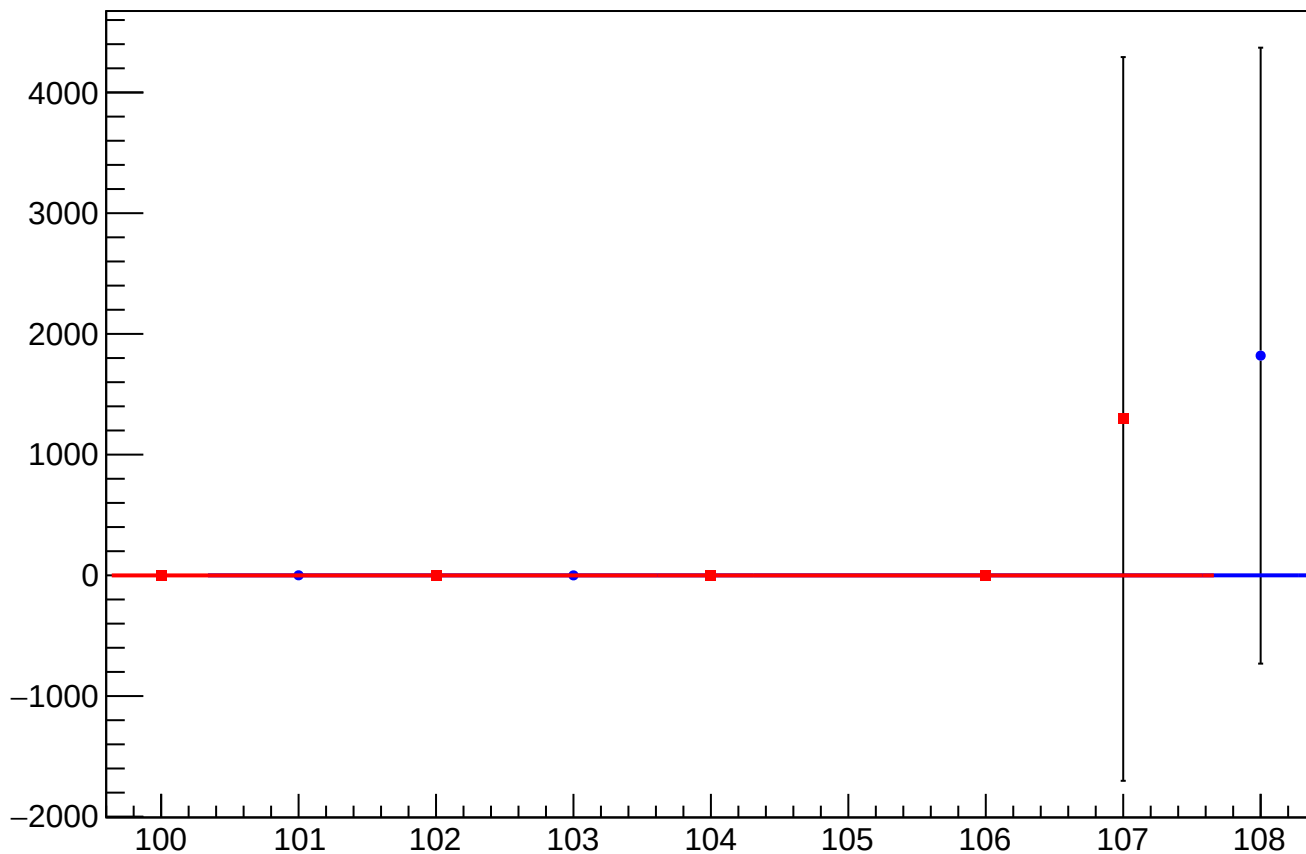
Right: 395.244 $\pm$ 0.170 χ^2/NDF : 1237402.1/7

In: 398.228 $\pm$ 0.251 χ^2/NDF : 744917.9/2

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 395.244 $\pm$ 0.170 χ^2/NDF : 1237402.1/7

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.347 χ^2/NDF : 1.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.598 ± 0.324 χ^2/NDF : 0.3/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

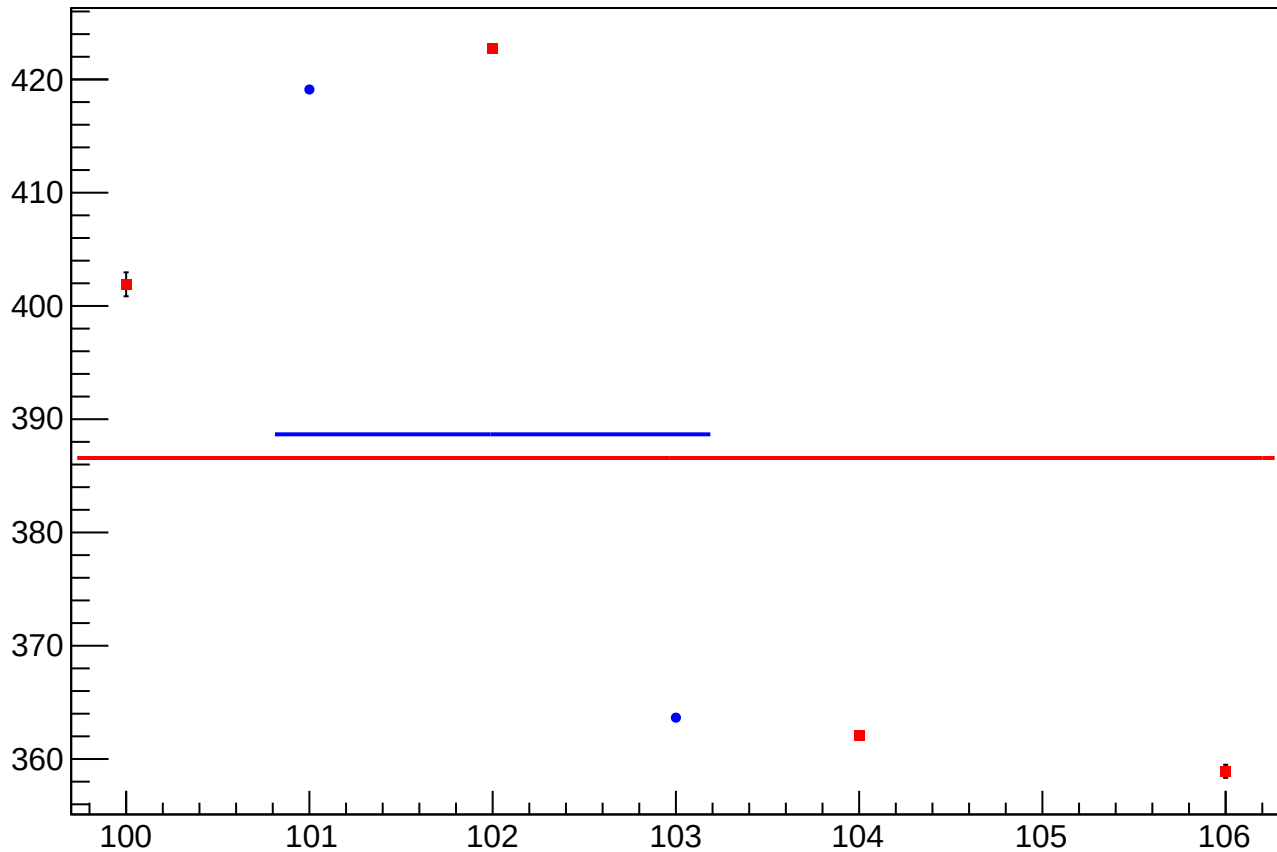
Right: -0.329 ± 0.237 χ^2/NDF : 3.0/7

In: -0.020 ± 0.347 χ^2/NDF : 1.2/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.329 ± 0.237 χ^2/NDF : 3.0/7

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 388.666 $\pm$ 0.245 χ^2 /NDF: 12641.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 386.577 $\pm$ 0.229 χ^2 /NDF: 16730.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

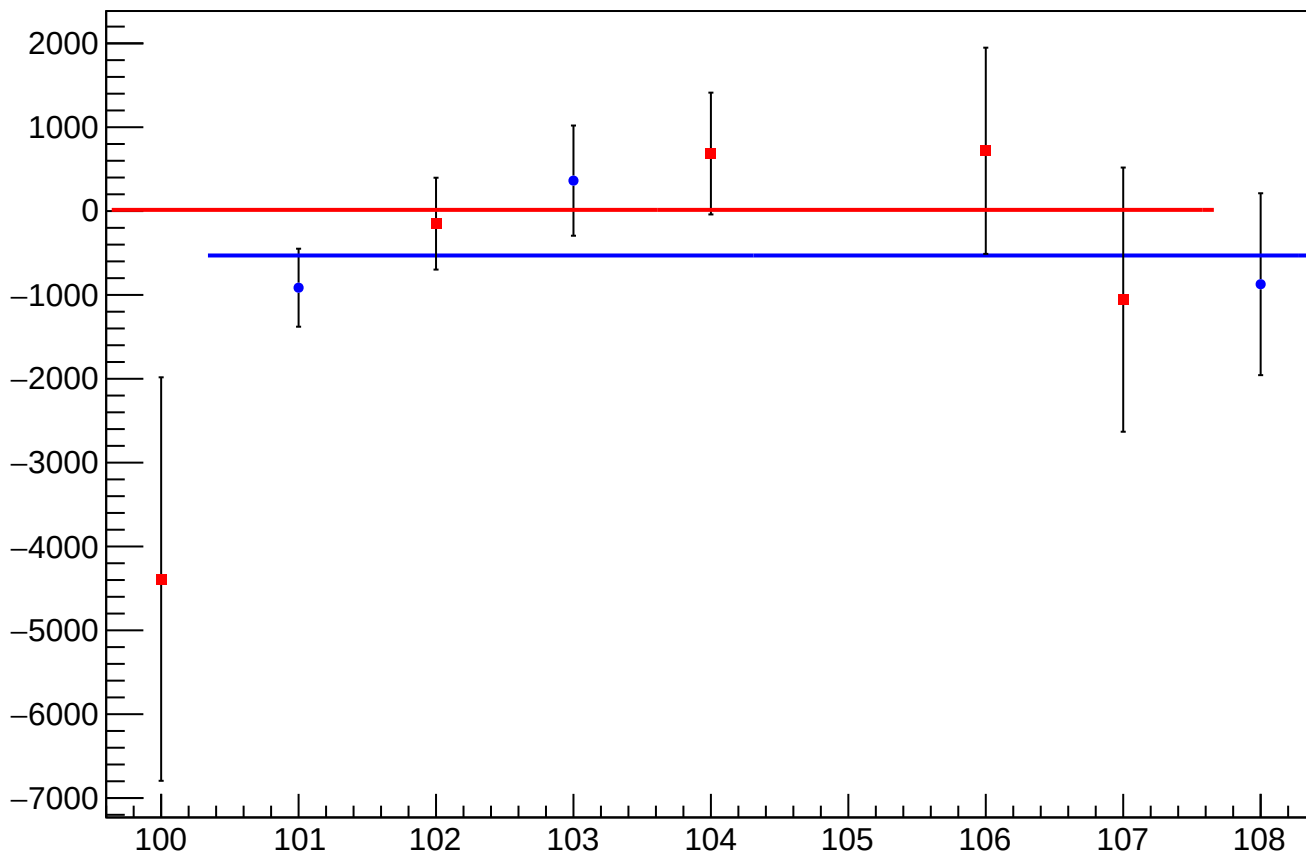
Right: 387.549 $\pm$ 0.167 χ^2 /NDF: 29410.7/5

In: 388.666 $\pm$ 0.245 χ^2 /NDF: 12641.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 387.549 $\pm$ 0.167 χ^2 /NDF: 29410.7/5

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: -529.642 $\pm$ 358.318 χ^2 /NDF: 2.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.290 $\pm$ 393.256 χ^2 /NDF: 5.1/4

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

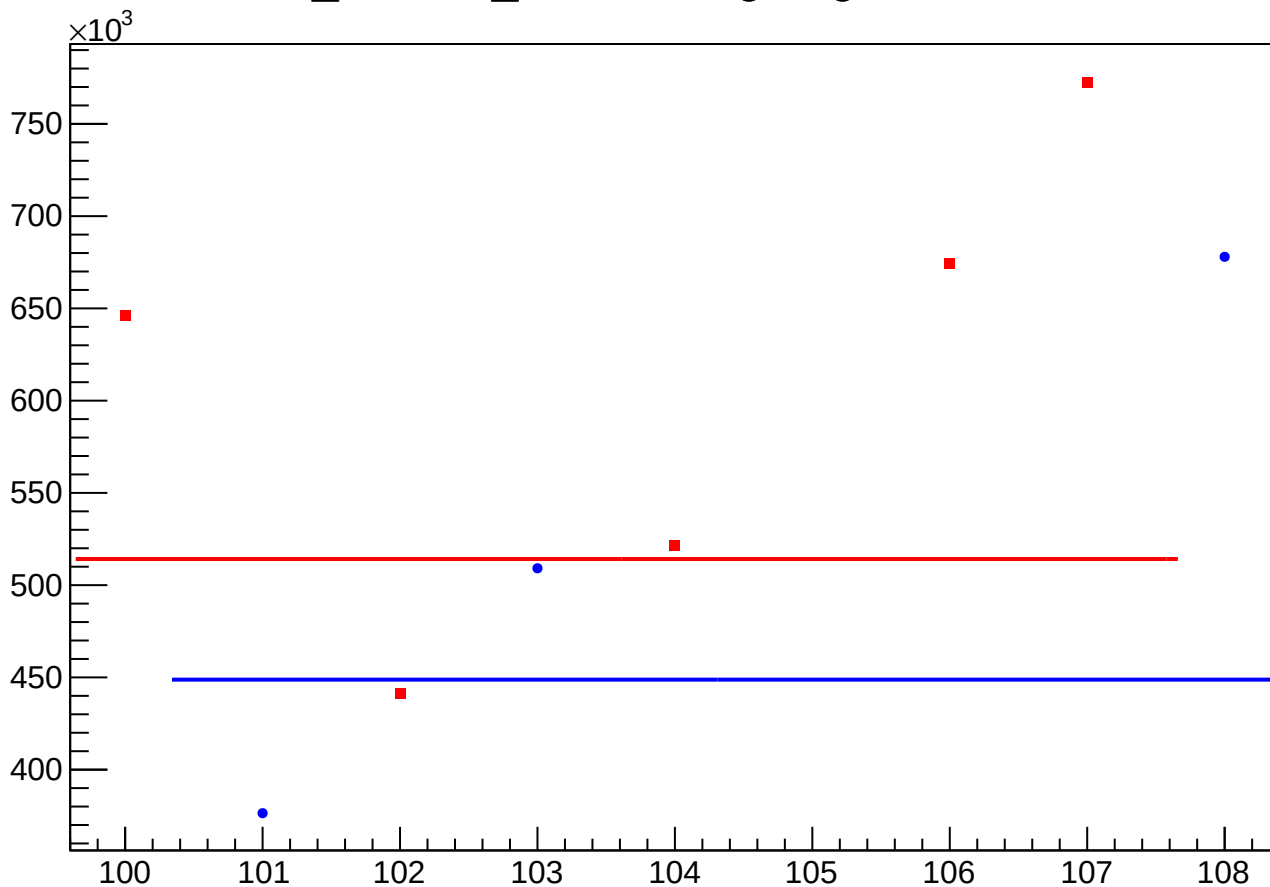
Right: -282.906 $\pm$ 264.861 χ^2 /NDF: 8.8/7

In: -529.642 $\pm$ 358.318 χ^2 /NDF: 2.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

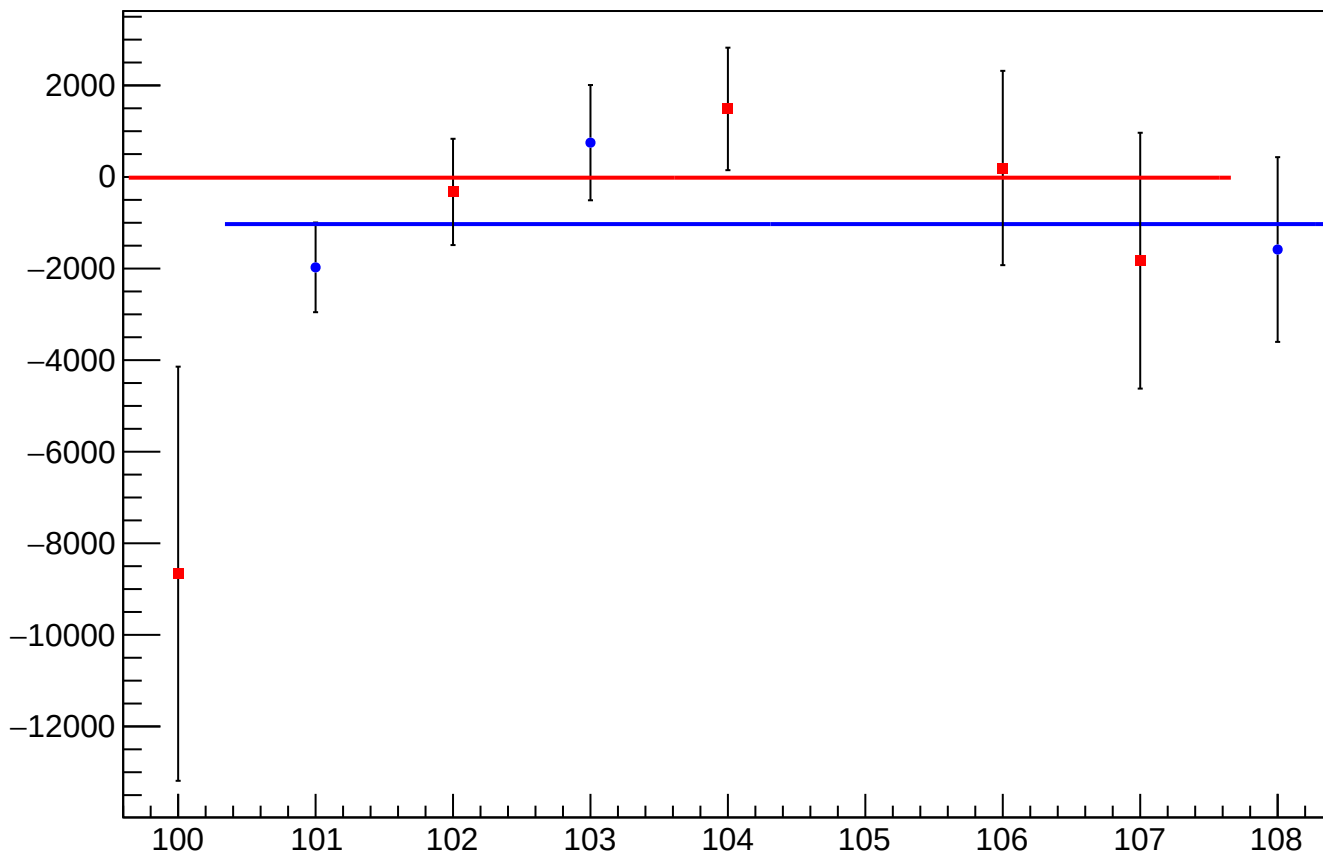
All: -282.906 $\pm$ 264.861 χ^2 /NDF: 8.8/7

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 448787.054 $\pm$ 253.369 χ^2/NDF : 154606.3/2
 Left Out: 0.000 $\pm$ -0.000 χ^2/NDF :0.0/0
 Right Out: 514174.680 $\pm$ -278.520 χ^2/NDF : 128569.9/4
 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: 478395.897 $\pm$ -187.421 χ^2/NDF : 313334.6/7
 In: 448787.054 $\pm$ -253.369 χ^2/NDF :154606.3/2
 Out: 0.000 $\pm$ -0.000 χ^2/NDF :0.0/0
 All: 478395.897 $\pm$ -187.421 χ^2/NDF : 313334.6/7

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -1028.714 $\pm$ 721.685 χ^2 /NDF: 3.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -15.077 $\pm$ 766.827 χ^2 /NDF: 5.4/4

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

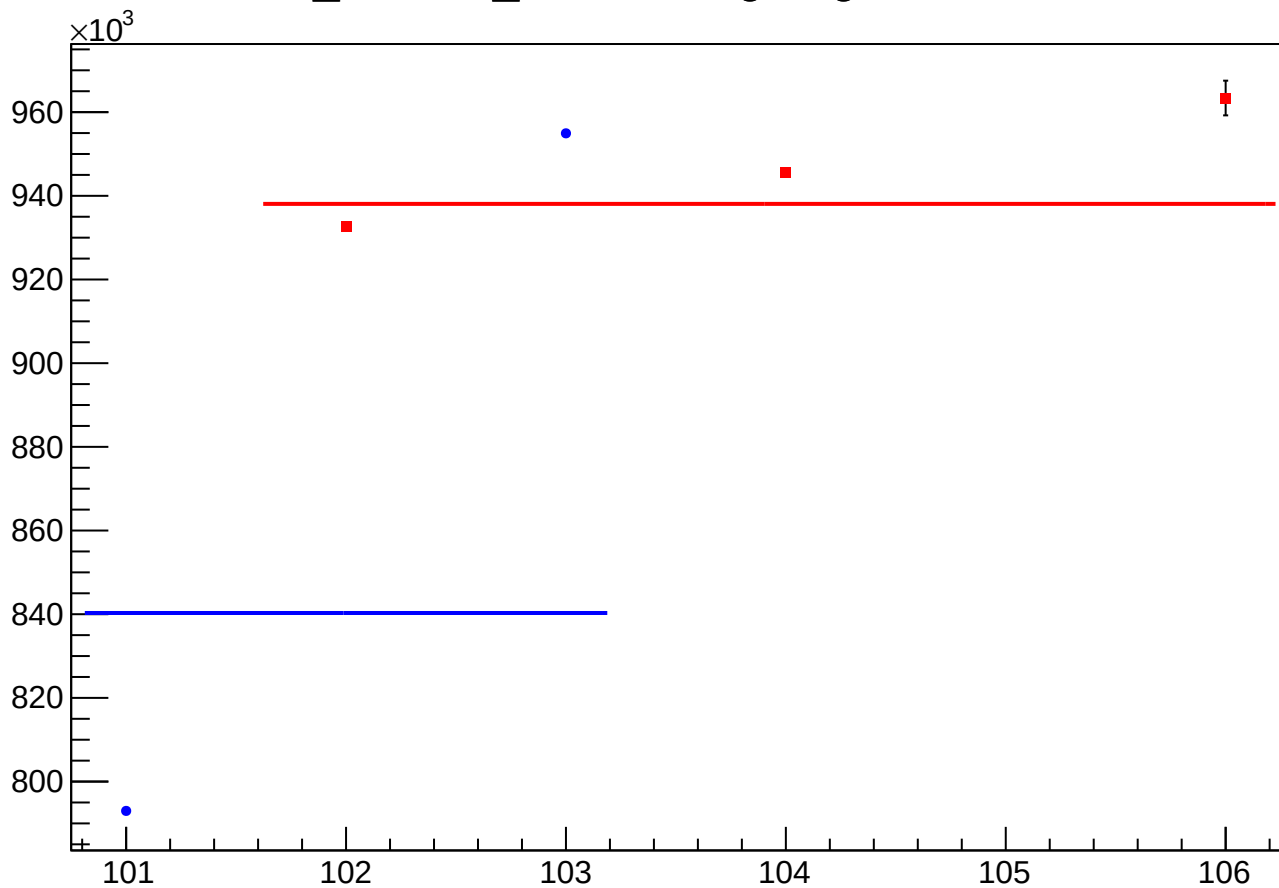
Right: -552.608 $\pm$ 525.543 χ^2 /NDF: 9.4/7

In: -1028.714 $\pm$ 721.685 χ^2 /NDF:3.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -552.608 $\pm$ 525.543 χ^2 /NDF: 9.4/7

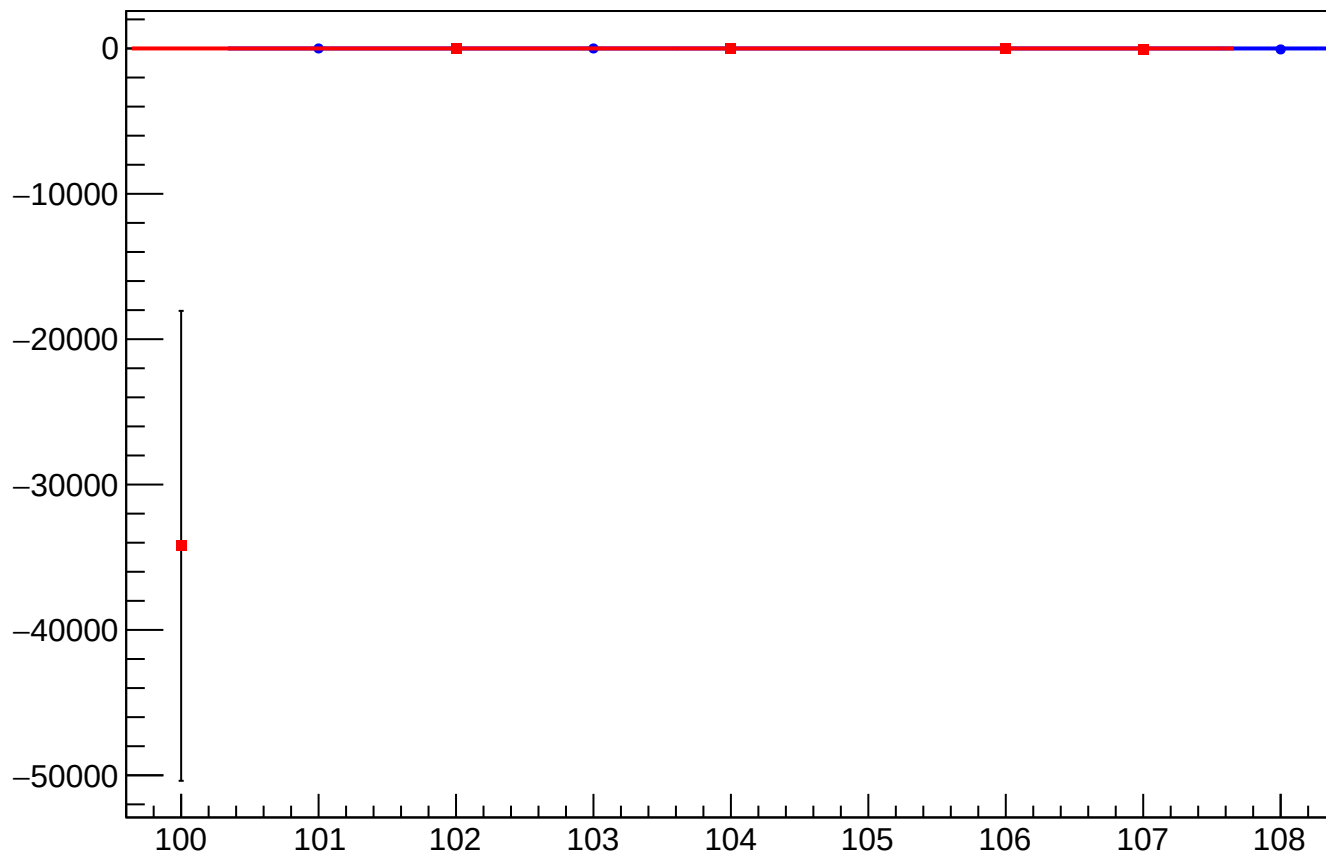
diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 840291.994+/-582.514 χ^2/NDF : 15982.3/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 938072.279+/-649.594 χ^2/NDF : 127.7/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 883874.400+/-433.682 χ^2/NDF : 28668.8/4
 In: 840291.994+/-582.514 χ^2/NDF : 15982.3/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 883874.400+/-433.682 χ^2/NDF : 28668.8

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.035 ± 0.172 χ^2/NDF : 1.1/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.355 ± 0.160 χ^2/NDF : 5.2/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

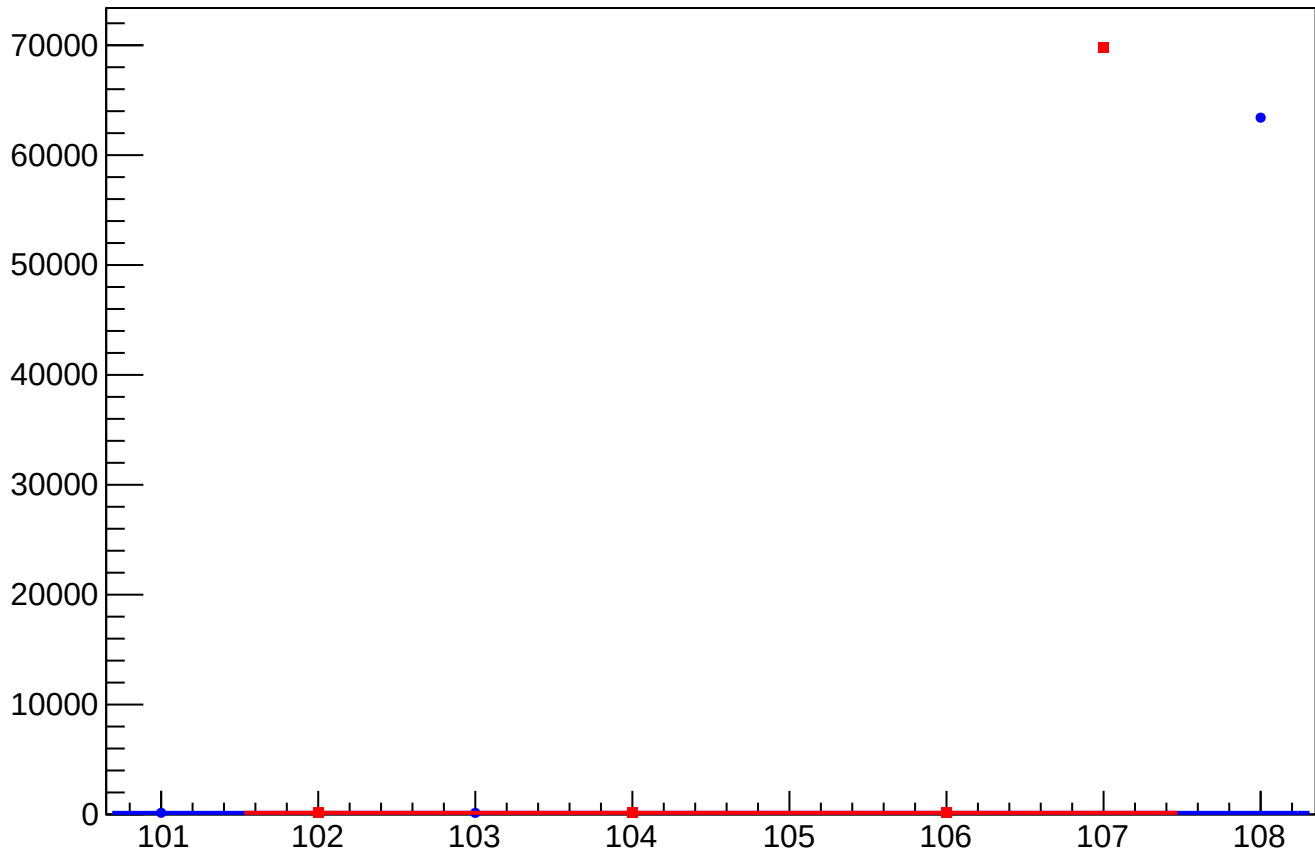
Right: 0.174 ± 0.117 χ^2/NDF : 9.0/7

In: -0.035 ± 0.172 χ^2/NDF : 1.1/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.174 ± 0.117 χ^2/NDF : 9.0/7

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 148.467 $\pm$ 0.122 χ^2 /NDF: 779937.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 148.765 $\pm$ 0.113 χ^2 /NDF: 476486.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

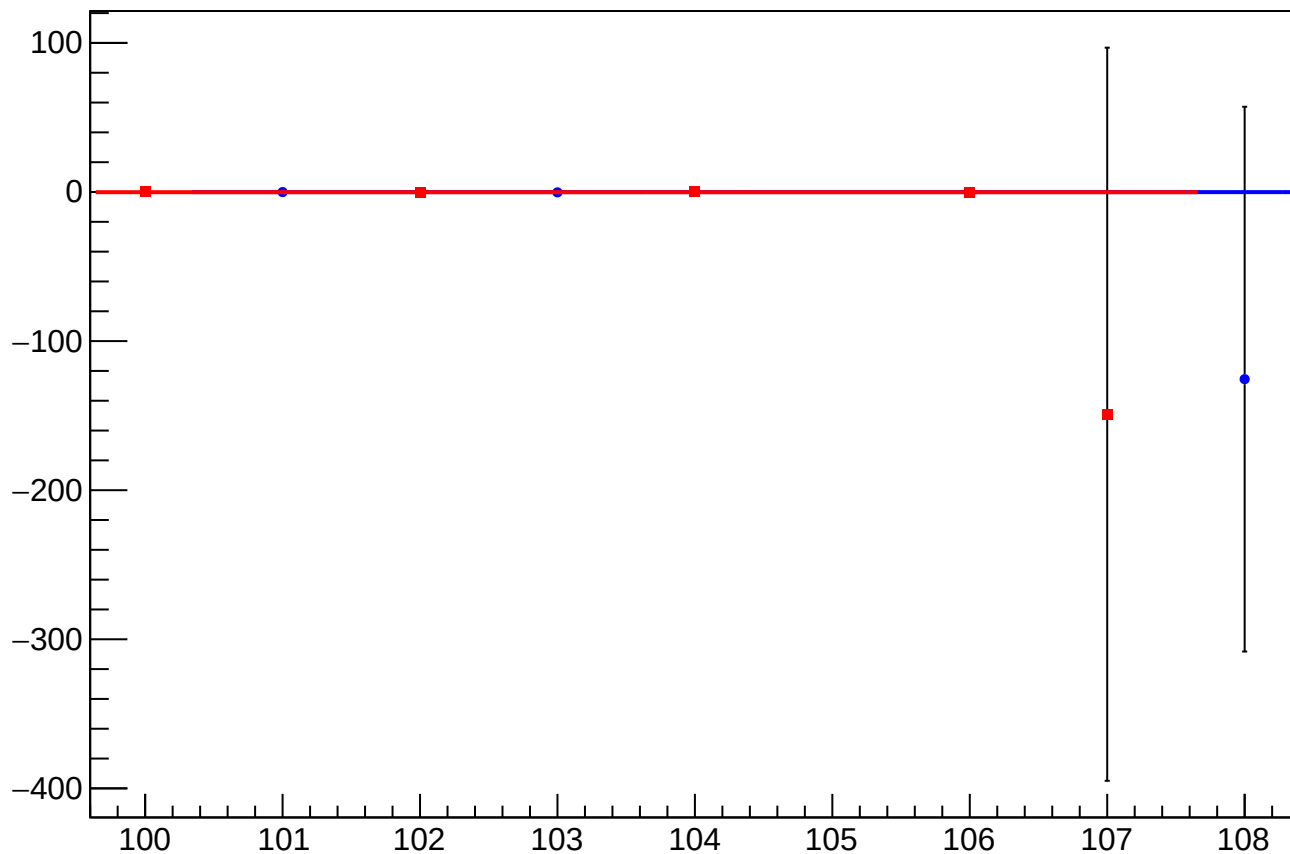
Right: 148.627 $\pm$ 0.083 χ^2 /NDF: 1256427.6/6

In: 148.467 $\pm$ 0.122 χ^2 /NDF: 779937.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 148.627 $\pm$ 0.083 χ^2 /NDF: 1256427.6/6

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: -0.068 $\pm$ 0.177 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.126 $\pm$ 0.166 χ^2 /NDF: 0.6/4

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

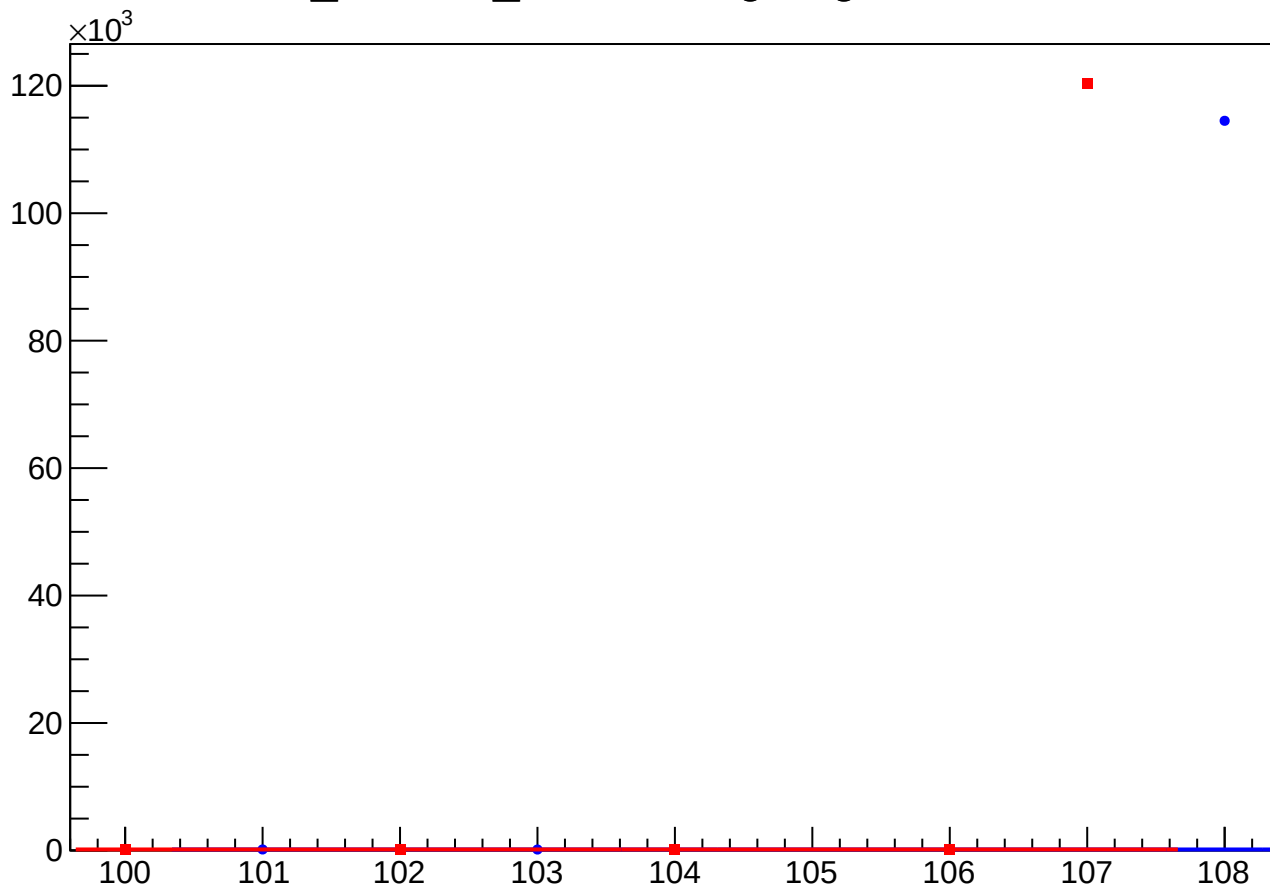
Right: -0.099 $\pm$ 0.121 χ^2 /NDF: 1.2/7

In: -0.068 $\pm$ 0.177 χ^2 /NDF: 0.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.099 $\pm$ 0.121 χ^2 /NDF: 1.2/7

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 152.622 $\pm$ 0.125 χ^2/NDF : 784049.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 155.409 $\pm$ 0.118 χ^2/NDF : 478150.8/4

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

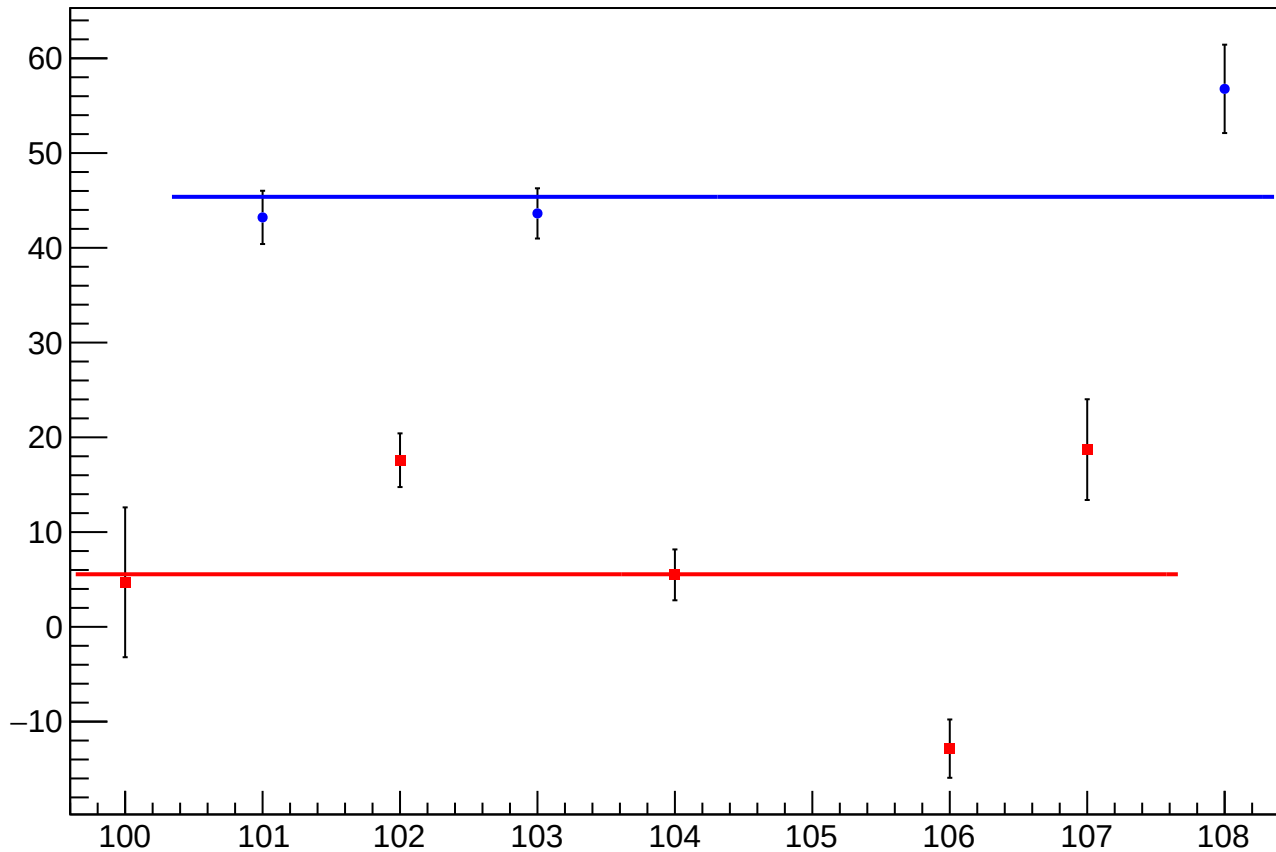
Right: 154.102 $\pm$ 0.086 χ^2/NDF : 1262463.1/7

In: 152.622 $\pm$ 0.125 χ^2/NDF : 784049.6/2

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 154.102 $\pm$ 0.086 χ^2/NDF : 1262463.1/7

diff_bpm0i01X_mean vs Slug, Sign Corrected



Right In: 45.382 $\pm$ 1.782 χ^2 /NDF: 7.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5.549 $\pm$ 1.542 χ^2 /NDF: 59.9/4

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

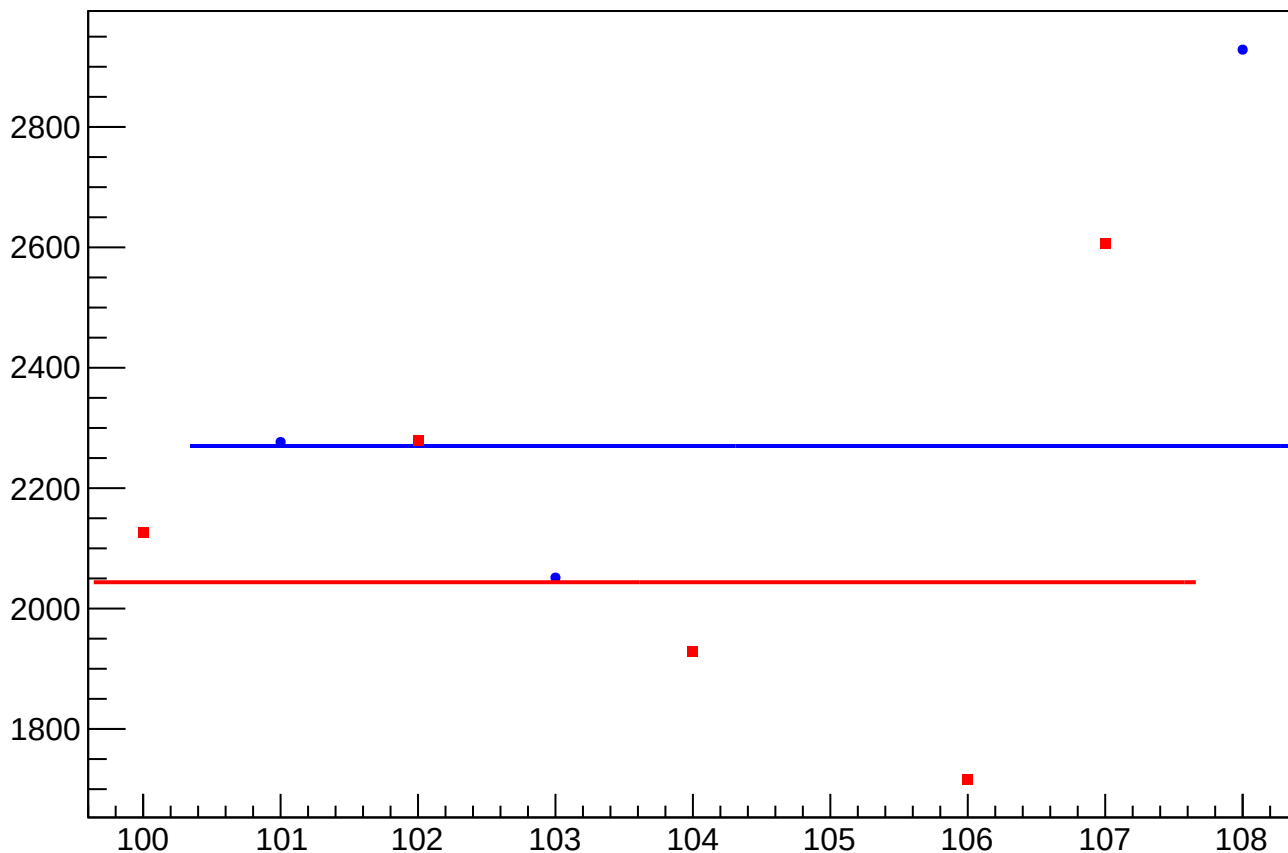
Right: 22.607 $\pm$ 1.166 χ^2 /NDF: 352.5/7

In: 45.382 $\pm$ 1.782 χ^2 /NDF:7.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 22.607 $\pm$ 1.166 χ^2 /NDF: 352.5/7

diff_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 2270.032+/-1.260 χ^2/NDF : 53471.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2043.737+/-1.091 χ^2/NDF : 62898.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

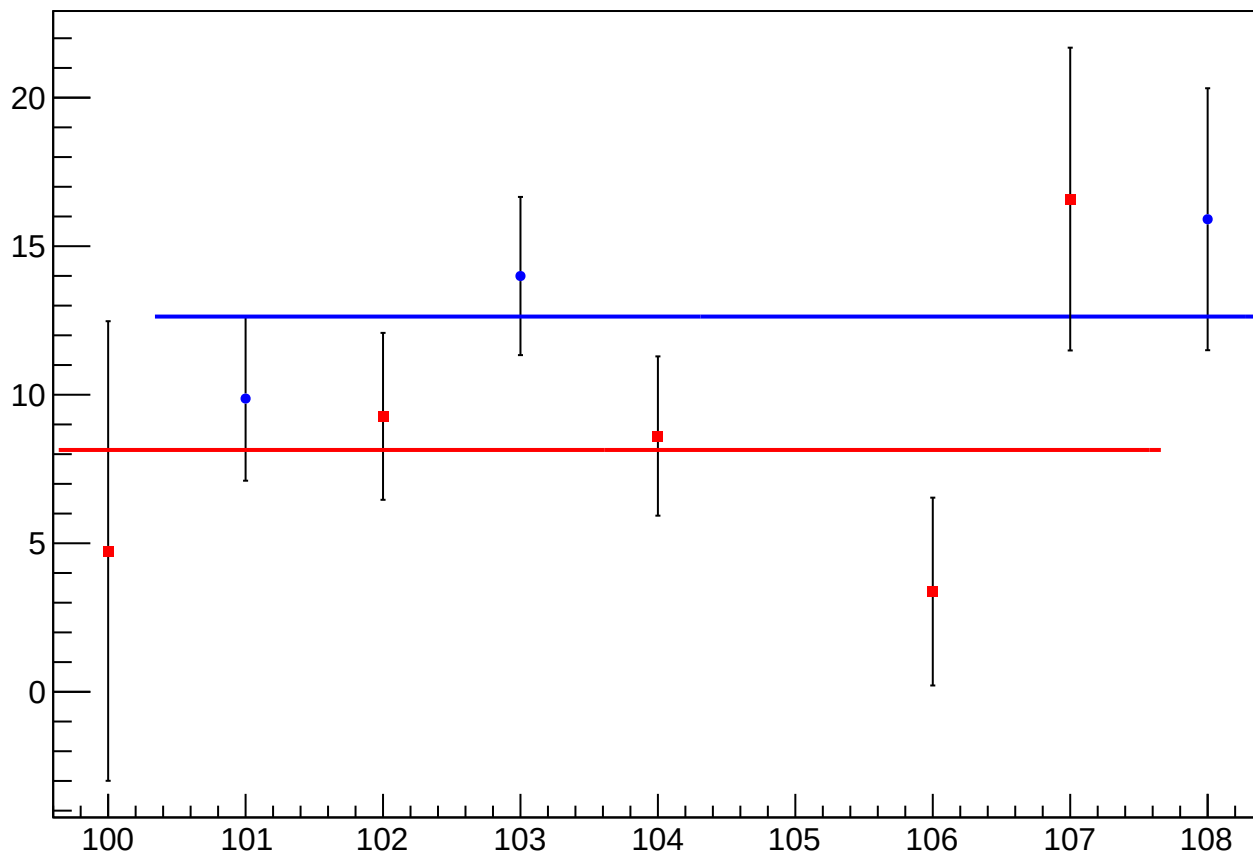
Right: 2140.648+/-0.825 χ^2/NDF : 134805.6/7

In: 2270.032+/-1.260 χ^2/NDF : 53471.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2140.648+/-0.825 χ^2/NDF : 134805.6/7

diff_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: 12.631+/-1.759 χ^2/NDF : 1.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.141+/-1.541 χ^2/NDF : 5.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

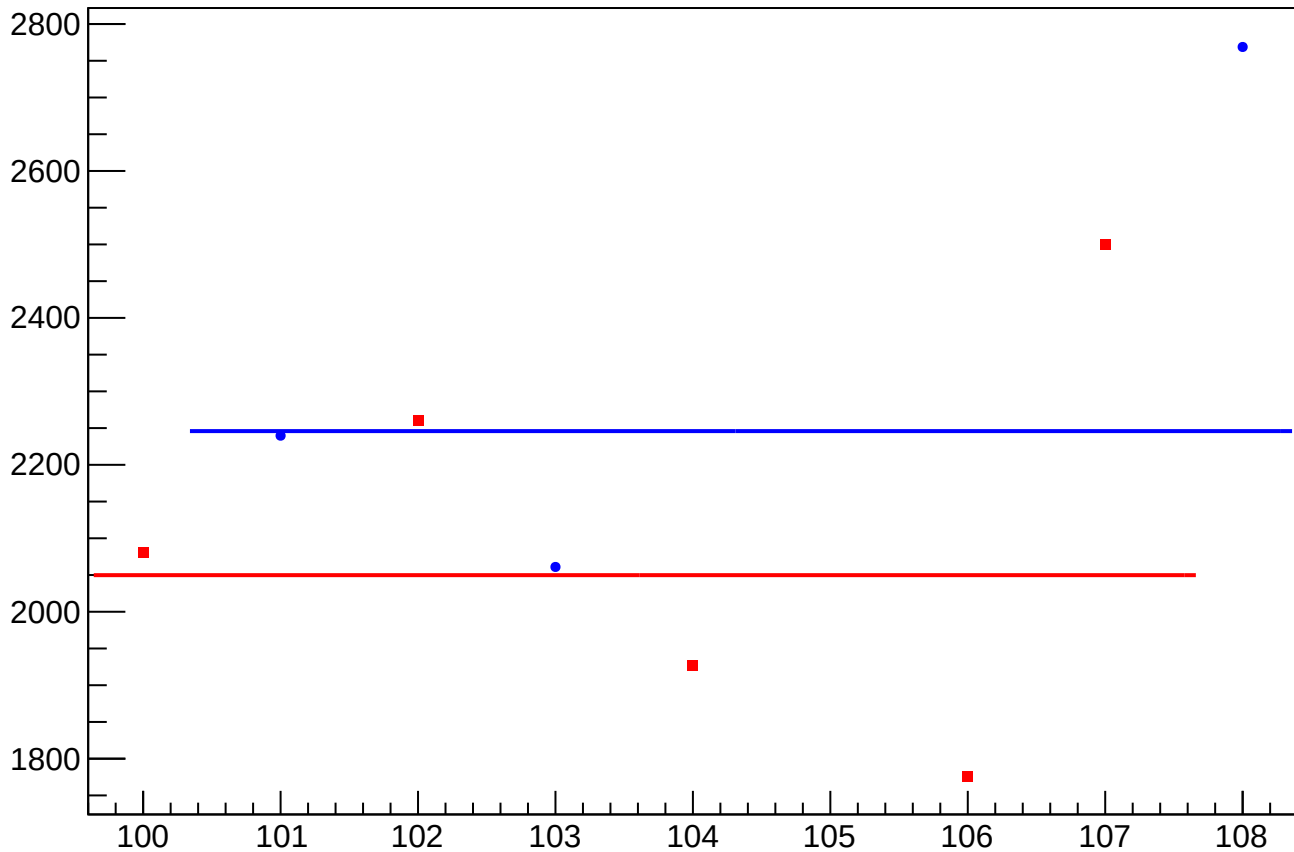
Right: 10.091+/-1.159 χ^2/NDF : 10.9/7

In: 12.631+/-1.759 χ^2/NDF : 1.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.091+/-1.159 χ^2/NDF : 10.9/7

diff_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 2245.904 $\pm$ 1.244 χ^2/NDF : 37787.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 2049.815 $\pm$ 1.090 χ^2/NDF : 46114.8/4

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

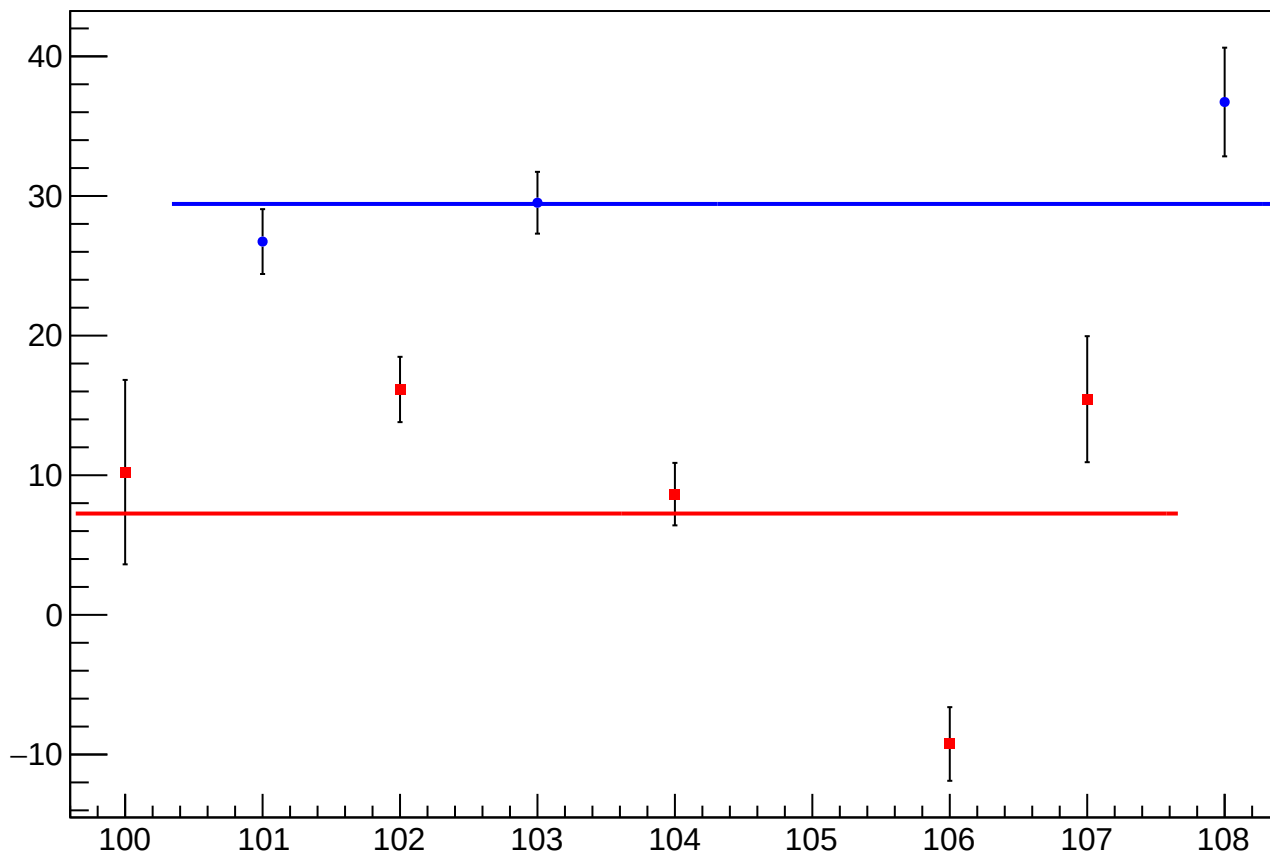
Right: 2134.980 $\pm$ 0.820 χ^2/NDF : 97968.6/7

In: 2245.904 $\pm$ 1.244 χ^2/NDF : 37787.7/2

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 2134.980 $\pm$ 0.820 χ^2/NDF : 97968.6/7

diff_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: 29.430+/-1.482 χ^2/NDF : 4.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.257+/-1.293 χ^2/NDF : 57.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

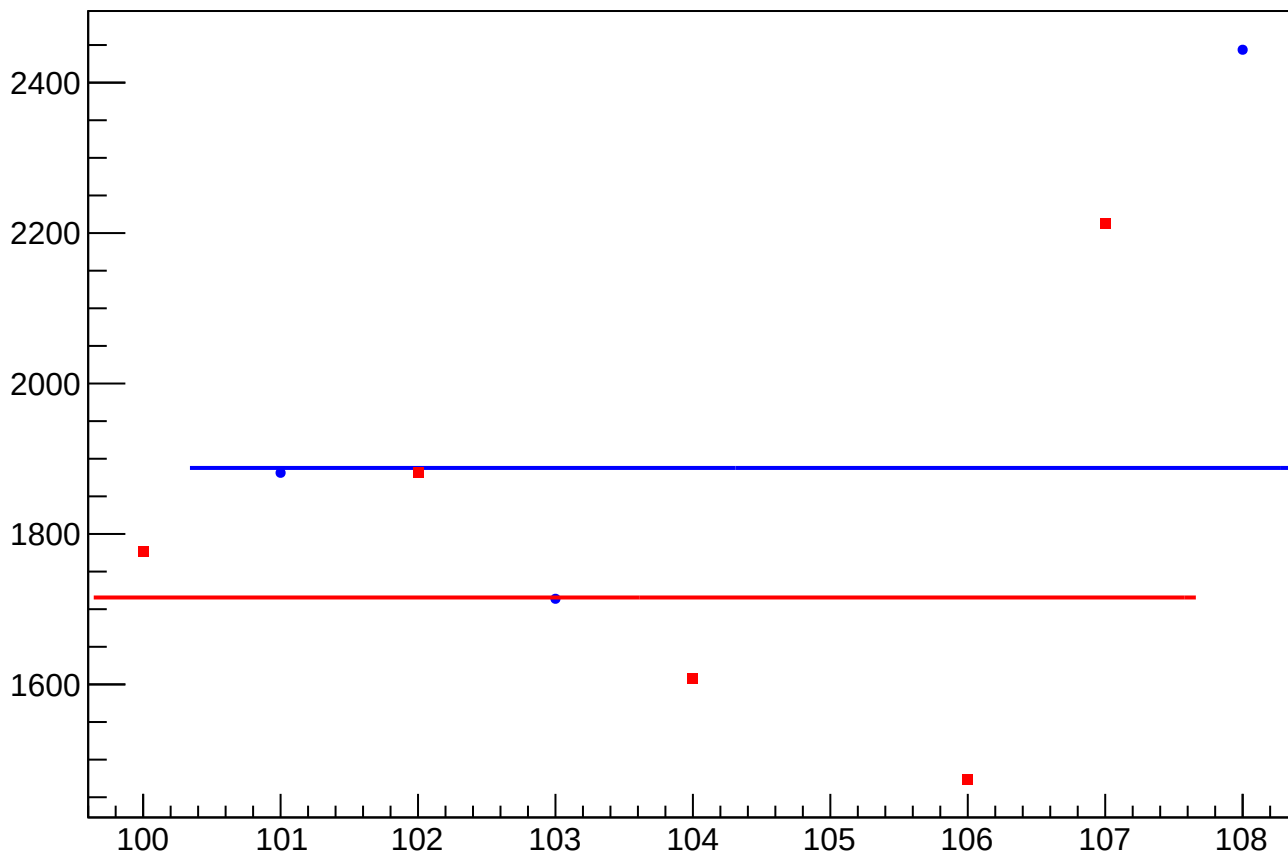
Right: 16.841+/-0.974 χ^2/NDF : 189.5/7

In: 29.430+/-1.482 χ^2/NDF : 4.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.841+/-0.974 χ^2/NDF : 189.5/7

diff_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 1887.772 $\pm$ 1.048 χ^2 /NDF: 53186.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1715.554 $\pm$ 0.914 χ^2 /NDF: 56078.1/4

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

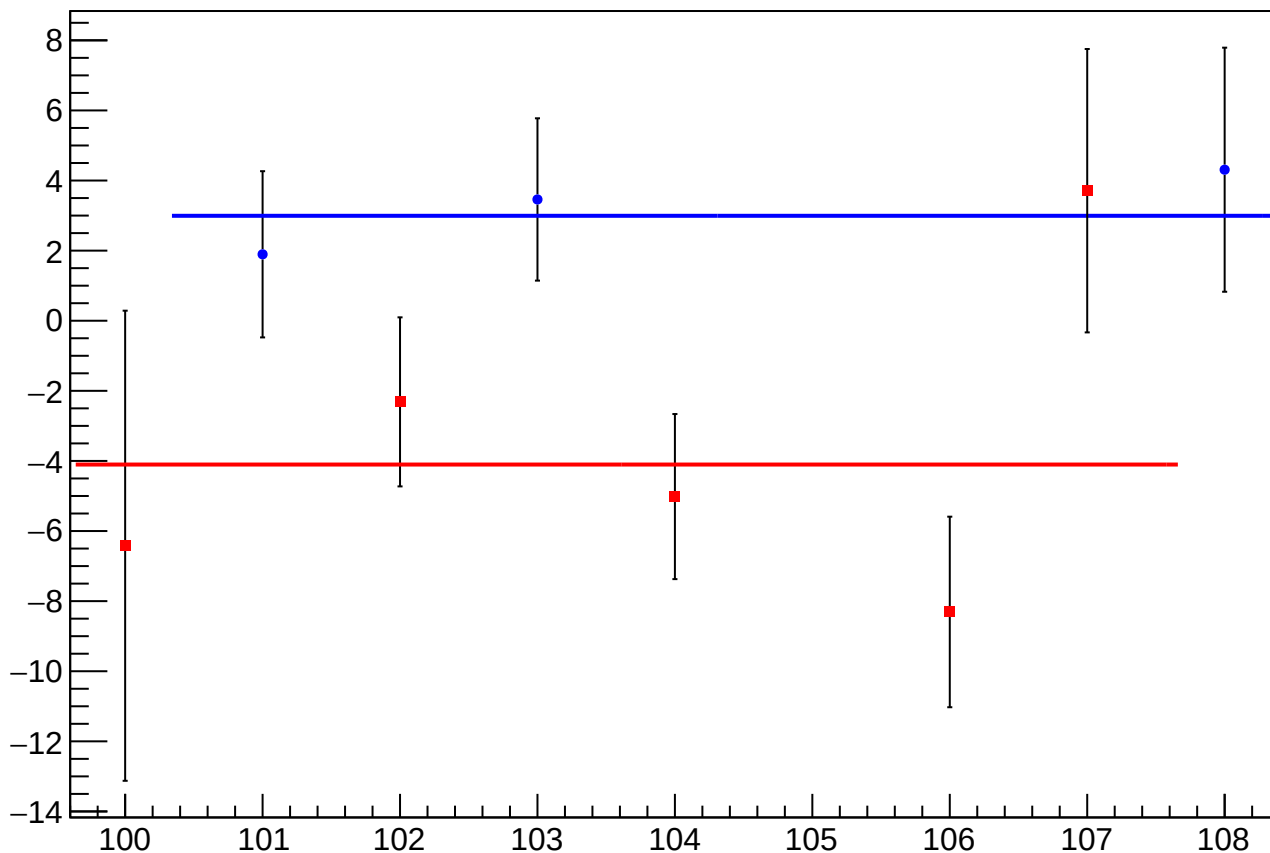
Right: 1789.991 $\pm$ 0.689 χ^2 /NDF: 124607.7/7

In: 1887.772 $\pm$ 1.048 χ^2 /NDF:53186.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1789.991 $\pm$ 0.689 χ^2 /NDF: 124607.7/7

diff_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 2.994 $\pm$ 1.496 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -4.103 $\pm$ 1.323 χ^2 /NDF: 6.9/4

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

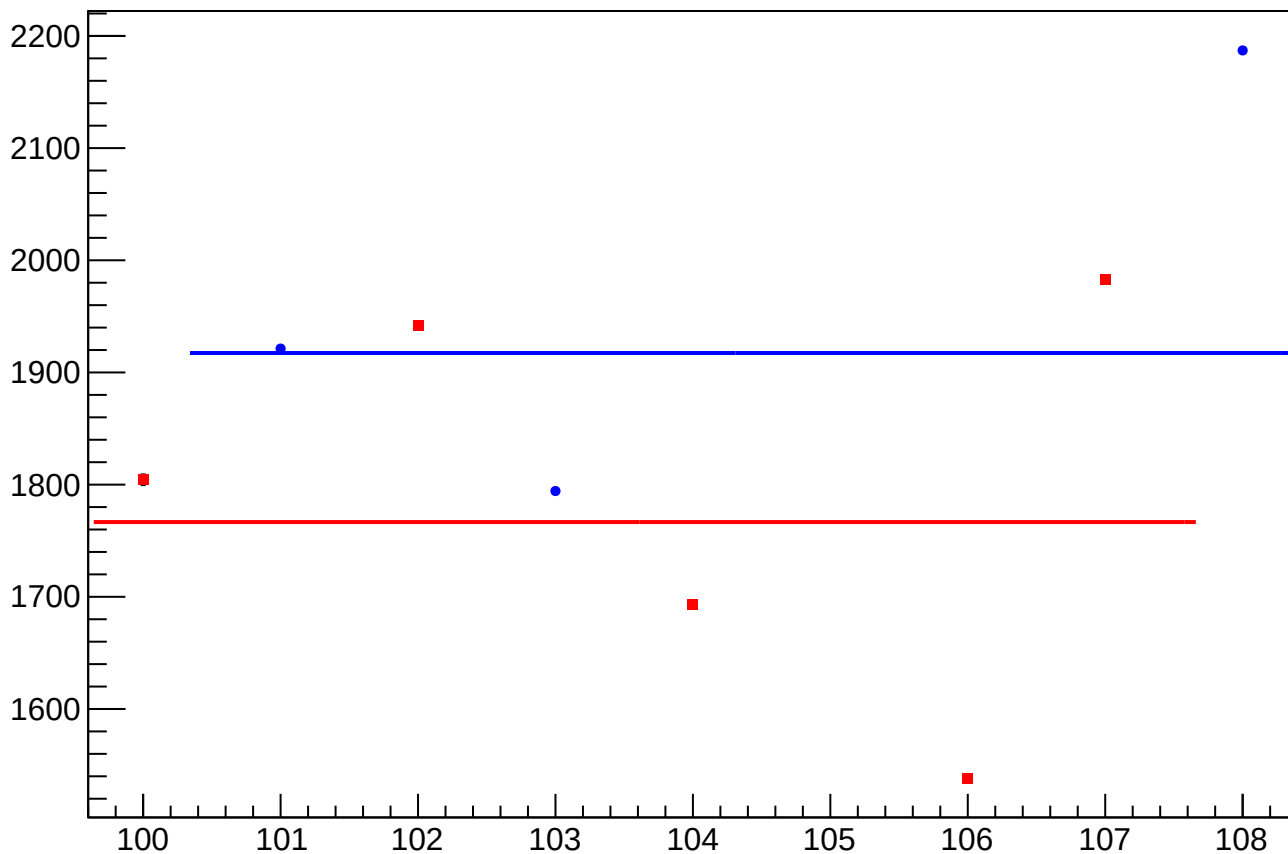
Right: -0.987 $\pm$ 0.991 χ^2 /NDF: 20.0/7

In: 2.994 $\pm$ 1.496 χ^2 /NDF:0.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.987 $\pm$ 0.991 χ^2 /NDF: 20.0/7

diff_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 1917.348+/-1.058 χ^2/NDF : 17654.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1766.643+/-0.936 χ^2/NDF : 32415.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

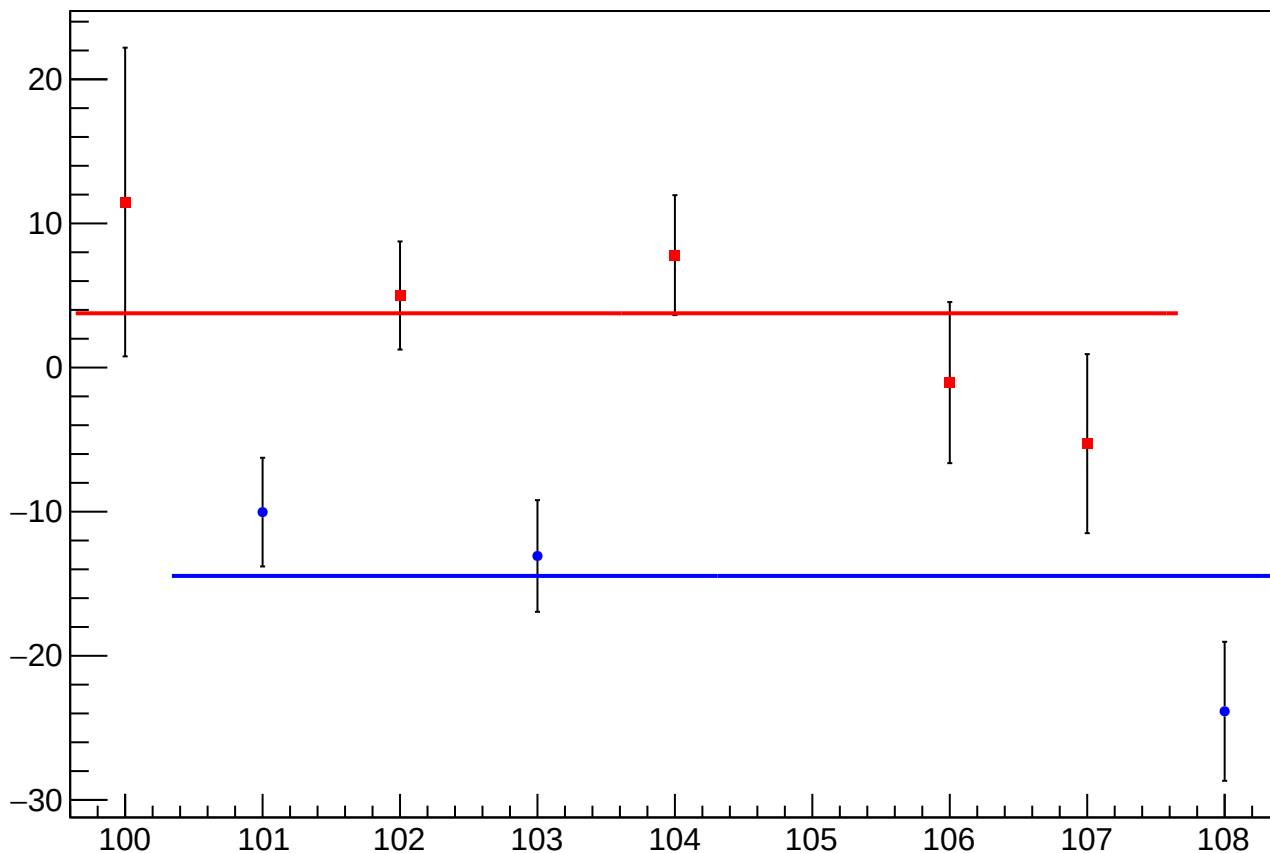
Right: 1832.805+/-0.701 χ^2/NDF : 61457.3/7

In: 1917.348+/-1.058 χ^2/NDF : 17654.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1832.805+/-0.701 χ^2/NDF : 61457.3/7

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -14.458 $\pm$ 2.357 χ^2 /NDF: 5.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.765 $\pm$ 2.262 χ^2 /NDF: 4.4/4

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

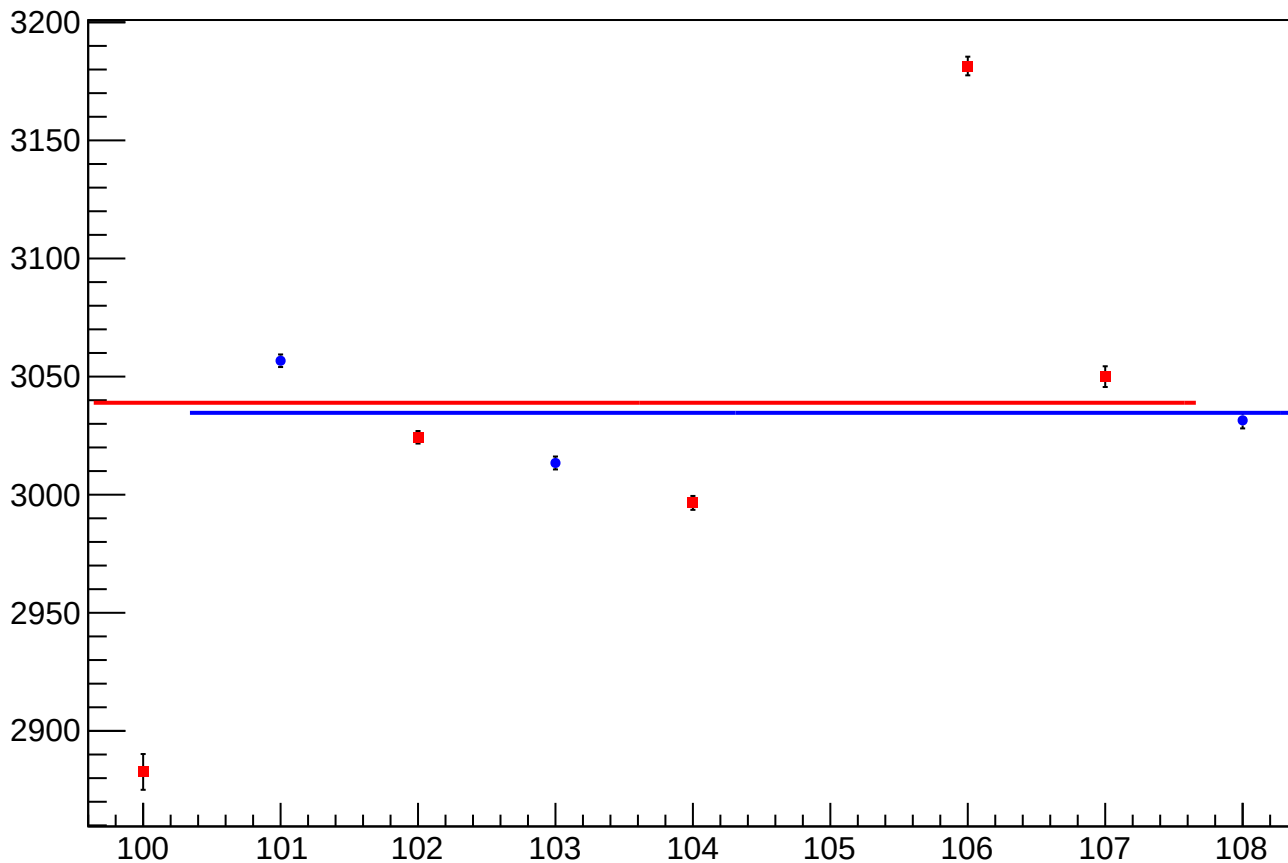
Right: -4.970 $\pm$ 1.632 χ^2 /NDF: 40.9/7

In: -14.458 $\pm$ 2.357 χ^2 /NDF: 5.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -4.970 $\pm$ 1.632 χ^2 /NDF: 40.9/7

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3034.659+/-1.667 χ^2/NDF : 129.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3038.920+/-1.599 χ^2/NDF : 1971.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

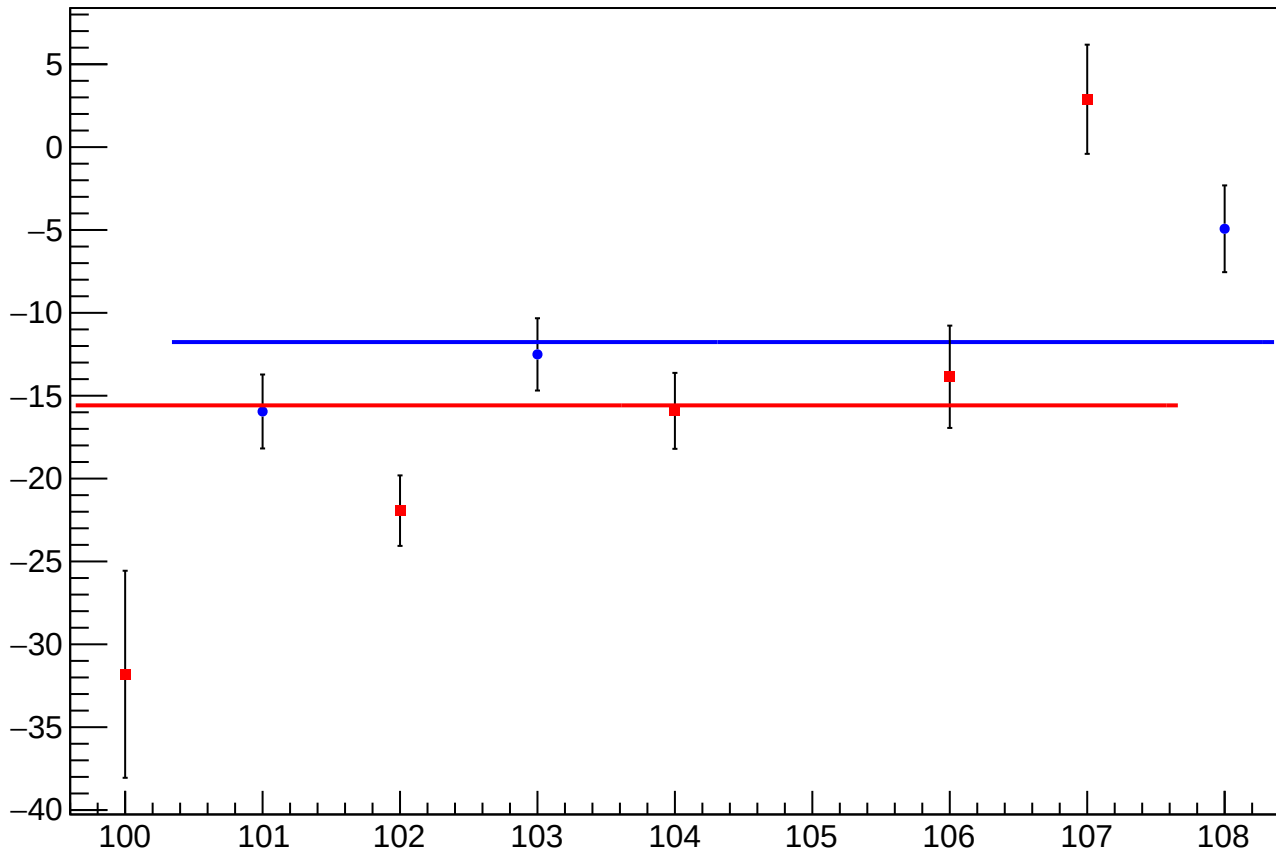
Right: 3036.877+/-1.154 χ^2/NDF : 2104.7/7

In: 3034.659+/-1.667 χ^2/NDF : 129.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3036.877+/-1.154 χ^2/NDF : 2104.7/7

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -11.763+/-1.340 χ^2/NDF : 10.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.583+/-1.256 χ^2/NDF : 47.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

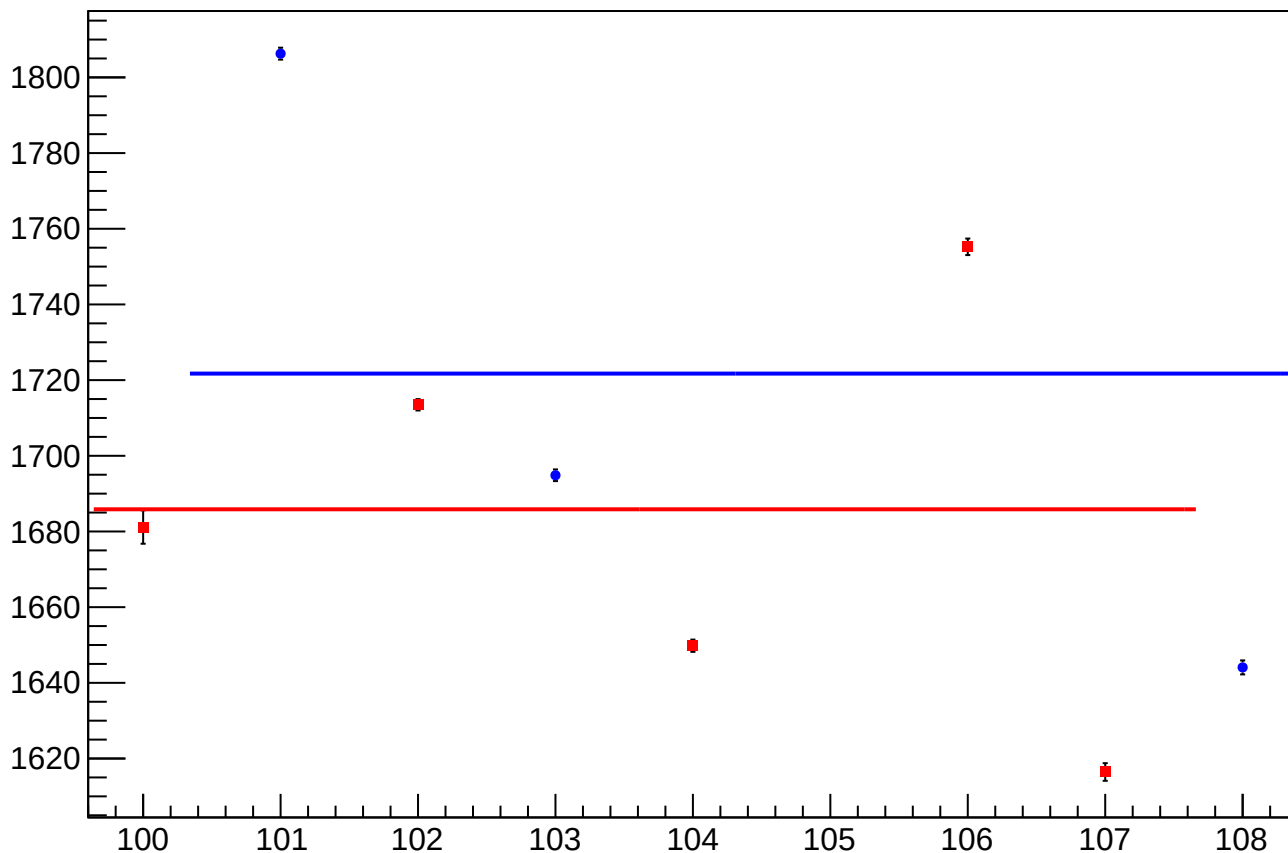
Right: -13.797+/-0.916 χ^2/NDF : 62.2/7

In: -11.763+/-1.340 χ^2/NDF : 10.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.797+/-0.916 χ^2/NDF : 62.2/7

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1721.726 $\pm$ 0.947 χ^2 /NDF: 4935.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1685.864 $\pm$ 0.888 χ^2 /NDF: 2731.8/4

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

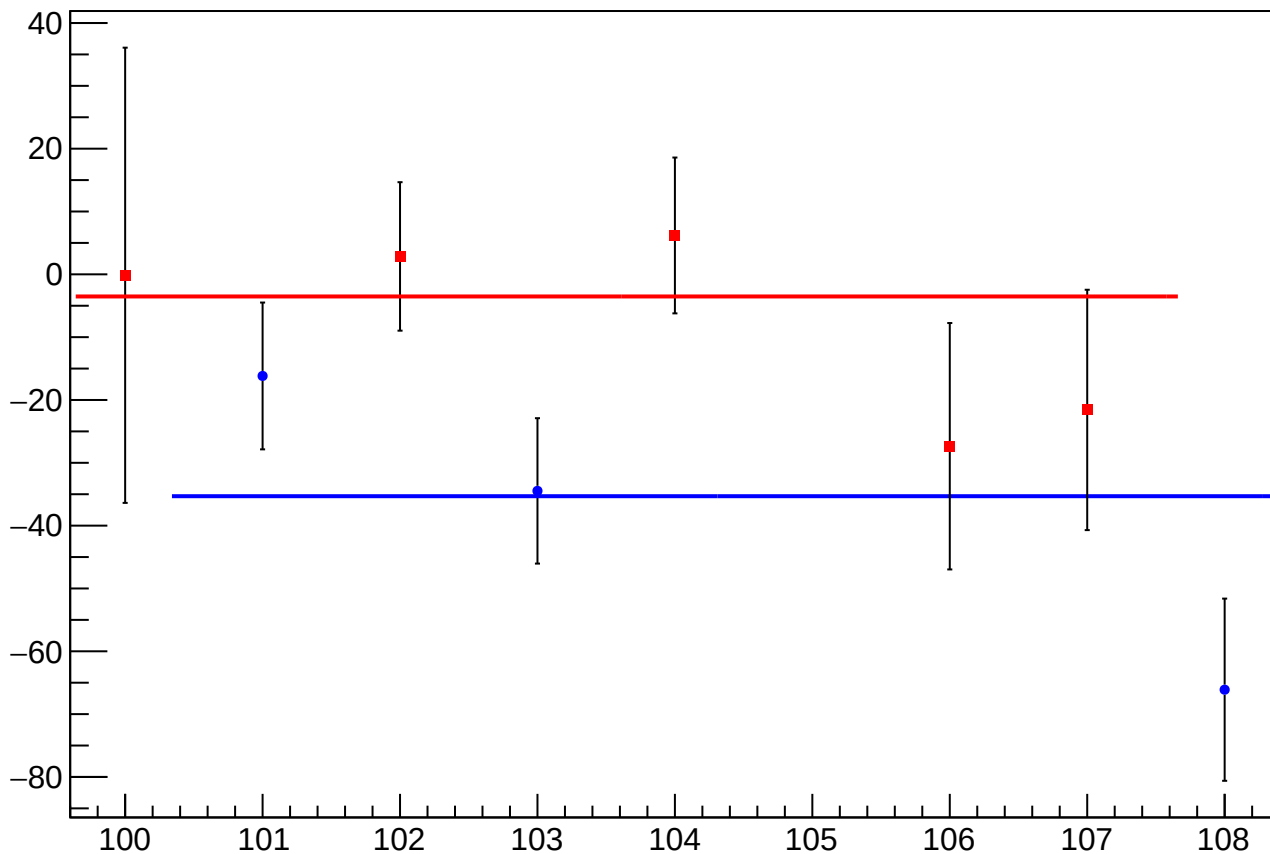
Right: 1702.633 $\pm$ 0.648 χ^2 /NDF: 8429.7/7

In: 1721.726 $\pm$ 0.947 χ^2 /NDF: 4935.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1702.633 $\pm$ 0.648 χ^2 /NDF: 8429.7/7

diff_bpm0l02X_mean vs Slug, Sign Corrected



Right In: -35.315+/-7.152 χ^2/NDF : 7.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.523+/-7.114 χ^2/NDF : 3.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

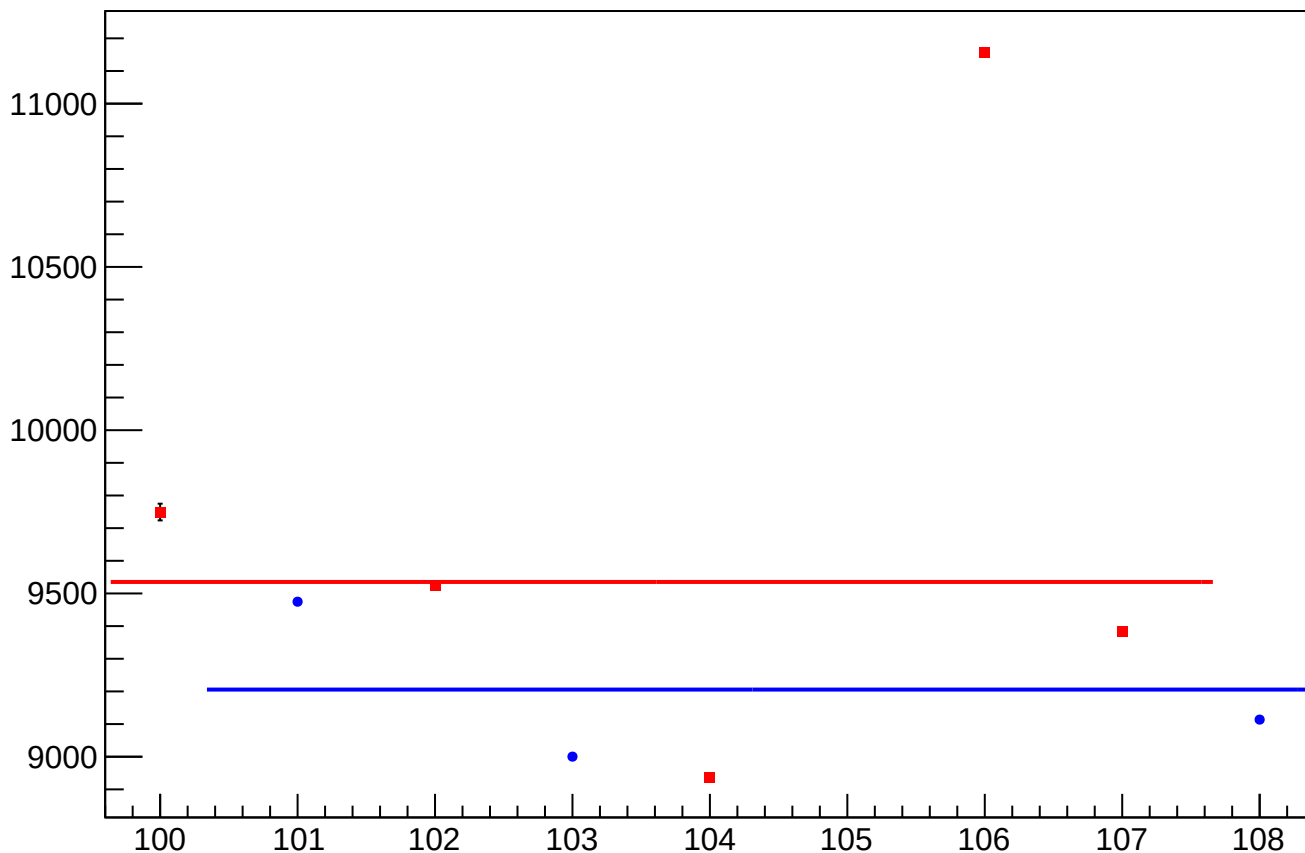
Right: -19.335+/-5.044 χ^2/NDF : 20.4/7

In: -35.315+/-7.152 χ^2/NDF : 7.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.335+/-5.044 χ^2/NDF : 20.4/7

diff_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 9205.640+/-5.057 χ^2/NDF : 1771.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9535.234+/-5.030 χ^2/NDF : 18566.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

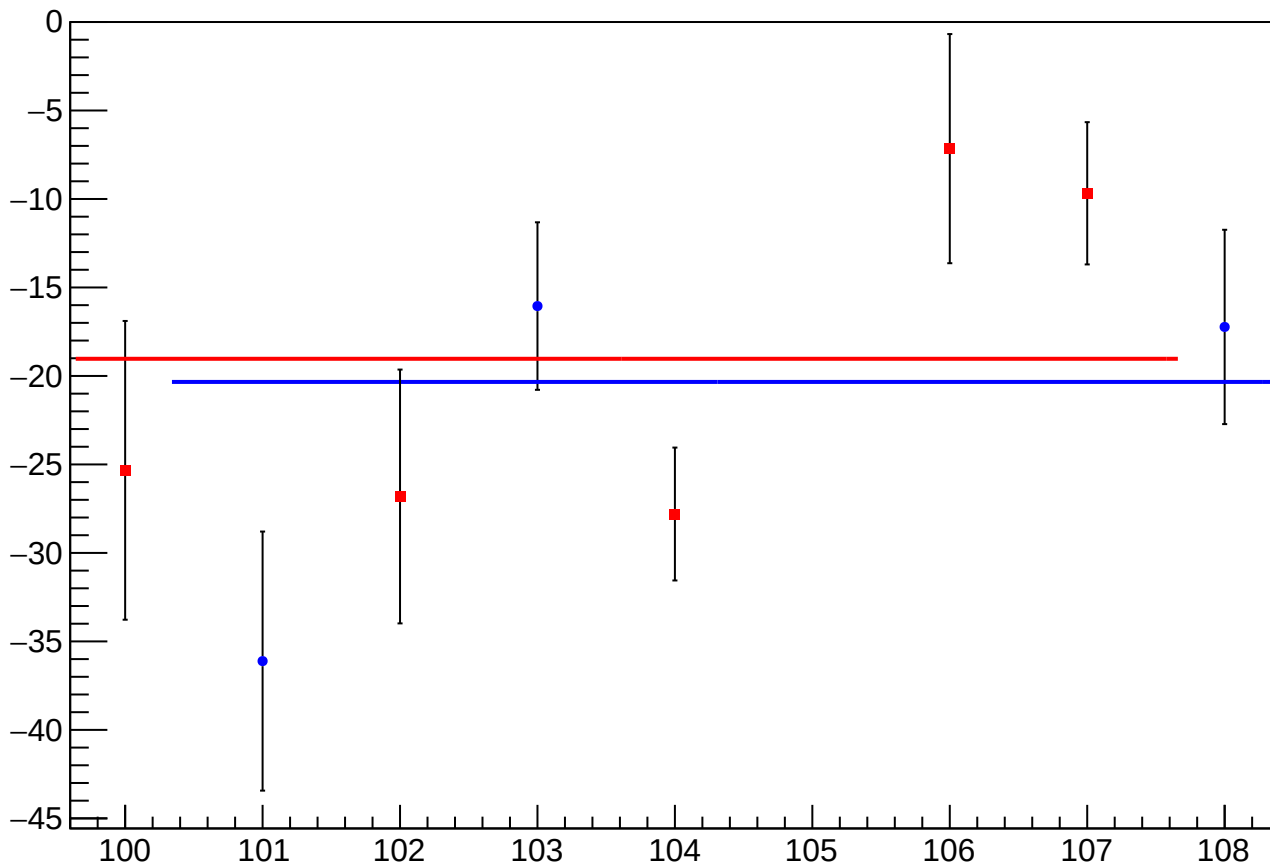
Right: 9371.310+/-3.566 χ^2/NDF : 22472.7/7

In: 9205.640+/-5.057 χ^2/NDF : 1771.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9371.310+/-3.566 χ^2/NDF : 22472.7/7

diff_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: -20.338+/-3.220 χ^2/NDF : 5.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -19.030+/-2.293 χ^2/NDF : 16.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

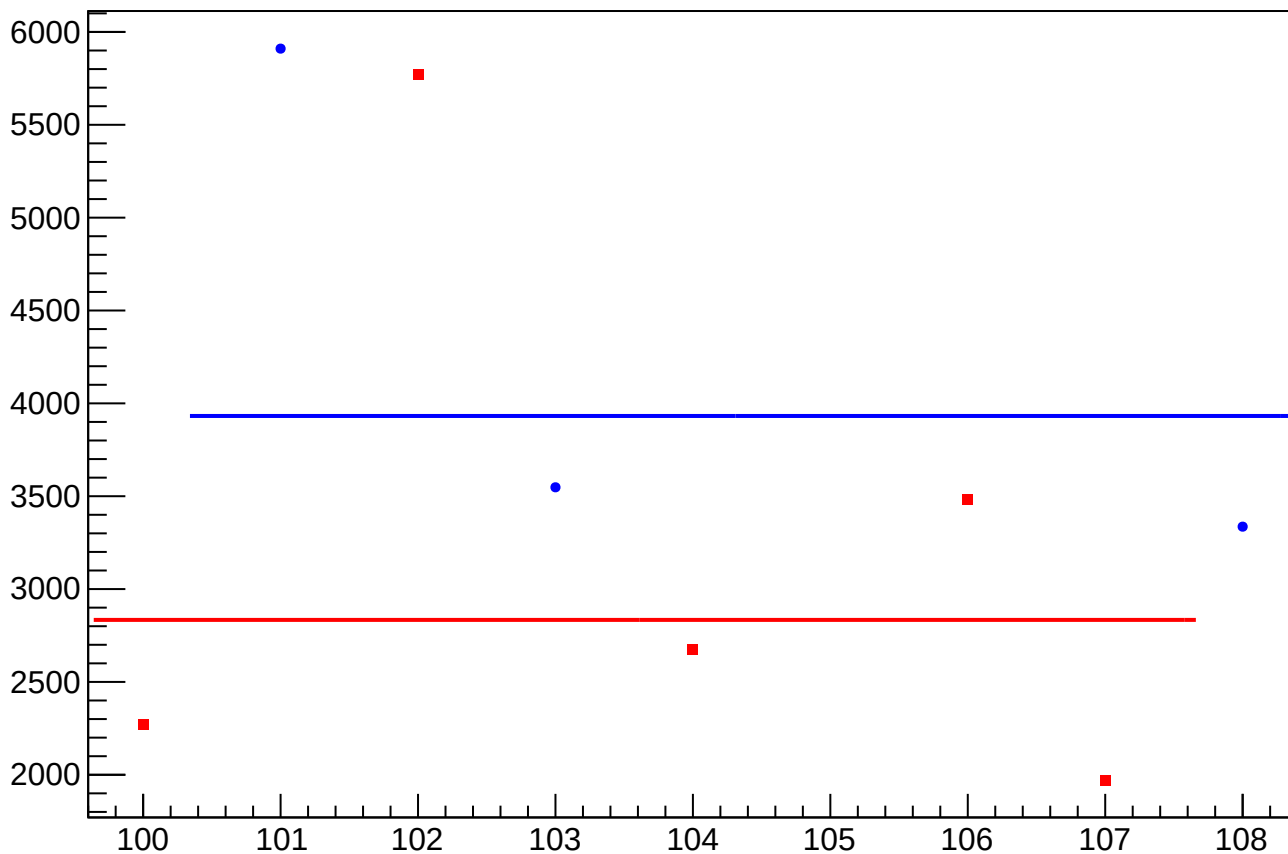
Right: -19.470+/-1.868 χ^2/NDF : 21.9/7

In: -20.338+/-3.220 χ^2/NDF : 5.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.470+/-1.868 χ^2/NDF : 21.9/7

diff_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 3932.125+/-2.277 χ^2/NDF : 182786.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2833.991+/-1.621 χ^2/NDF : 459682.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

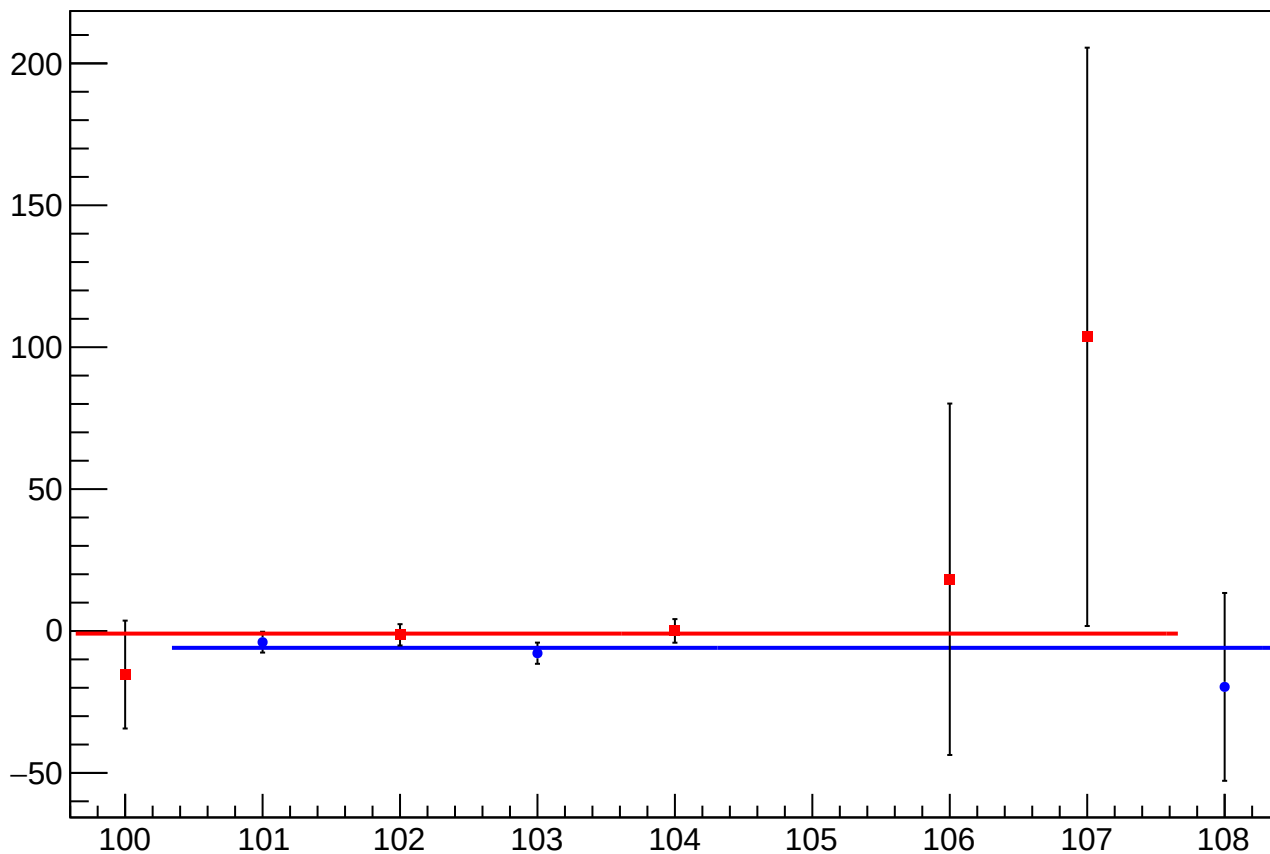
Right: 3203.584+/-1.321 χ^2/NDF : 796836.9/7

In: 3932.125+/-2.277 χ^2/NDF : 182786.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3203.584+/-1.321 χ^2/NDF : 796836.9/7

diff_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -5.926+/-2.607 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.911+/-2.753 χ^2/NDF : 1.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

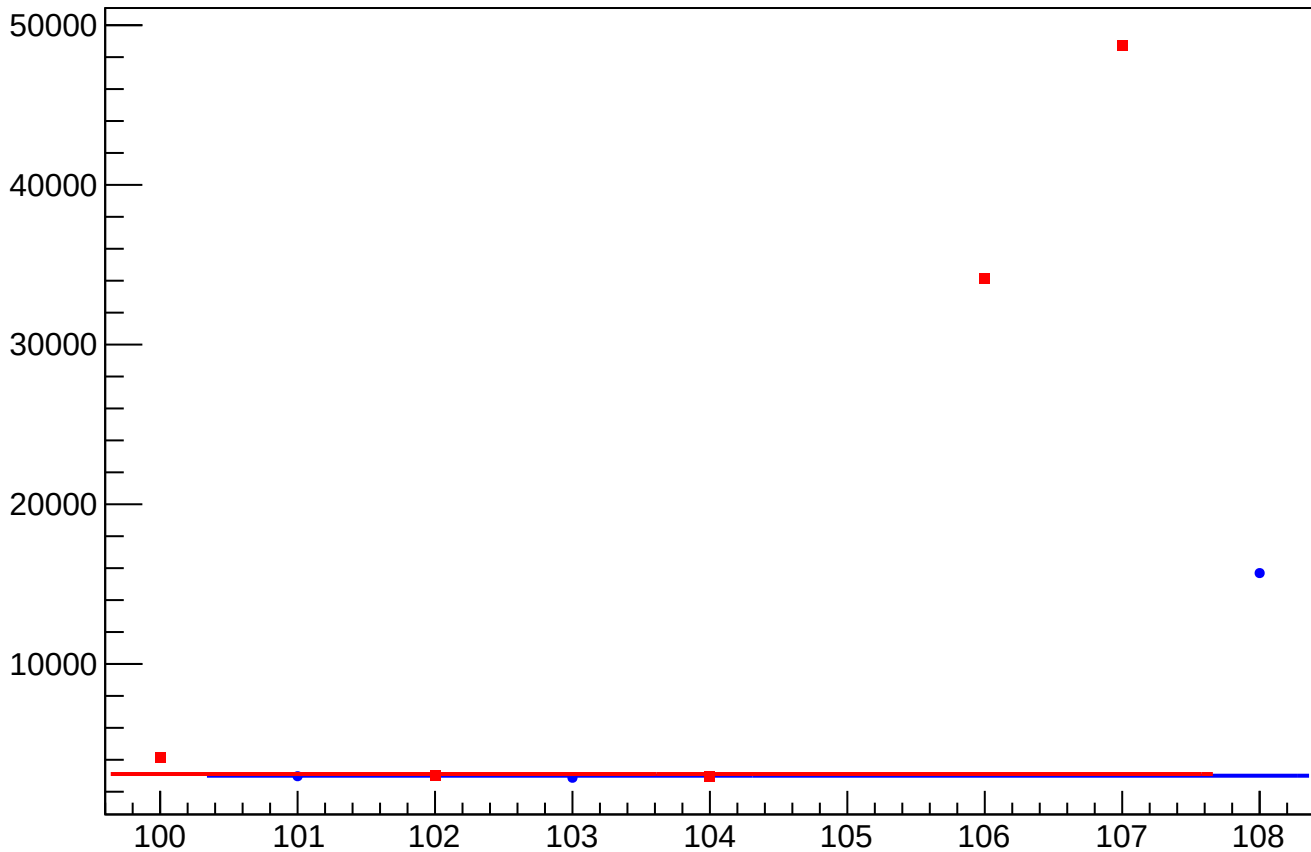
Right: -3.554+/-1.893 χ^2/NDF : 4.3/7

In: -5.926+/-2.607 χ^2/NDF : 0.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.554+/-1.893 χ^2/NDF : 4.3/7

diff_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 3002.758+/-1.844 χ^2/NDF : 296640.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3109.254+/-1.946 χ^2/NDF : 912482.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

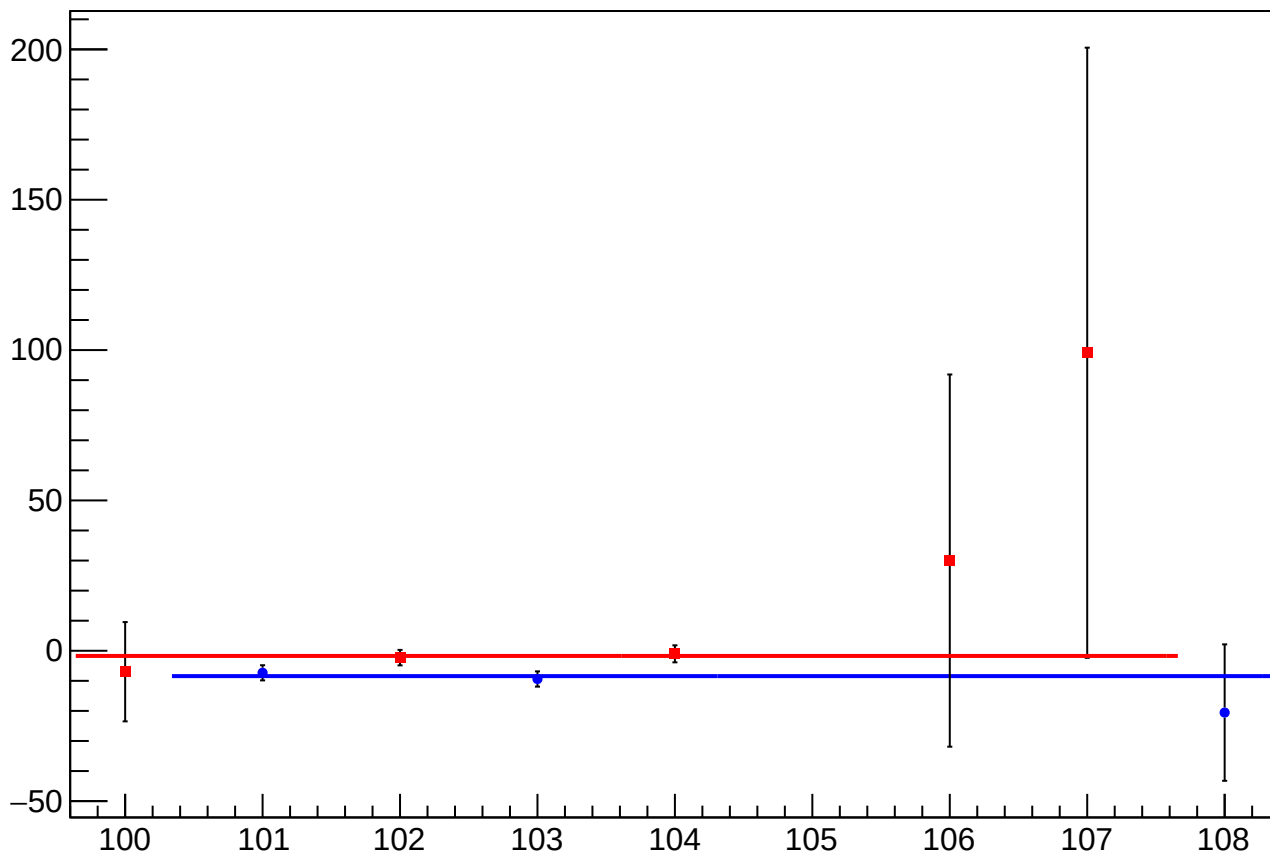
Right: 3053.124+/-1.339 χ^2/NDF : 1210701.1/7

In: 3002.758+/-1.844 χ^2/NDF : 296640.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3053.124+/-1.339 χ^2/NDF : 1210701.1/7

diff_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: -8.429+/-1.784 χ^2/NDF : 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.715+/-1.889 χ^2/NDF : 1.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

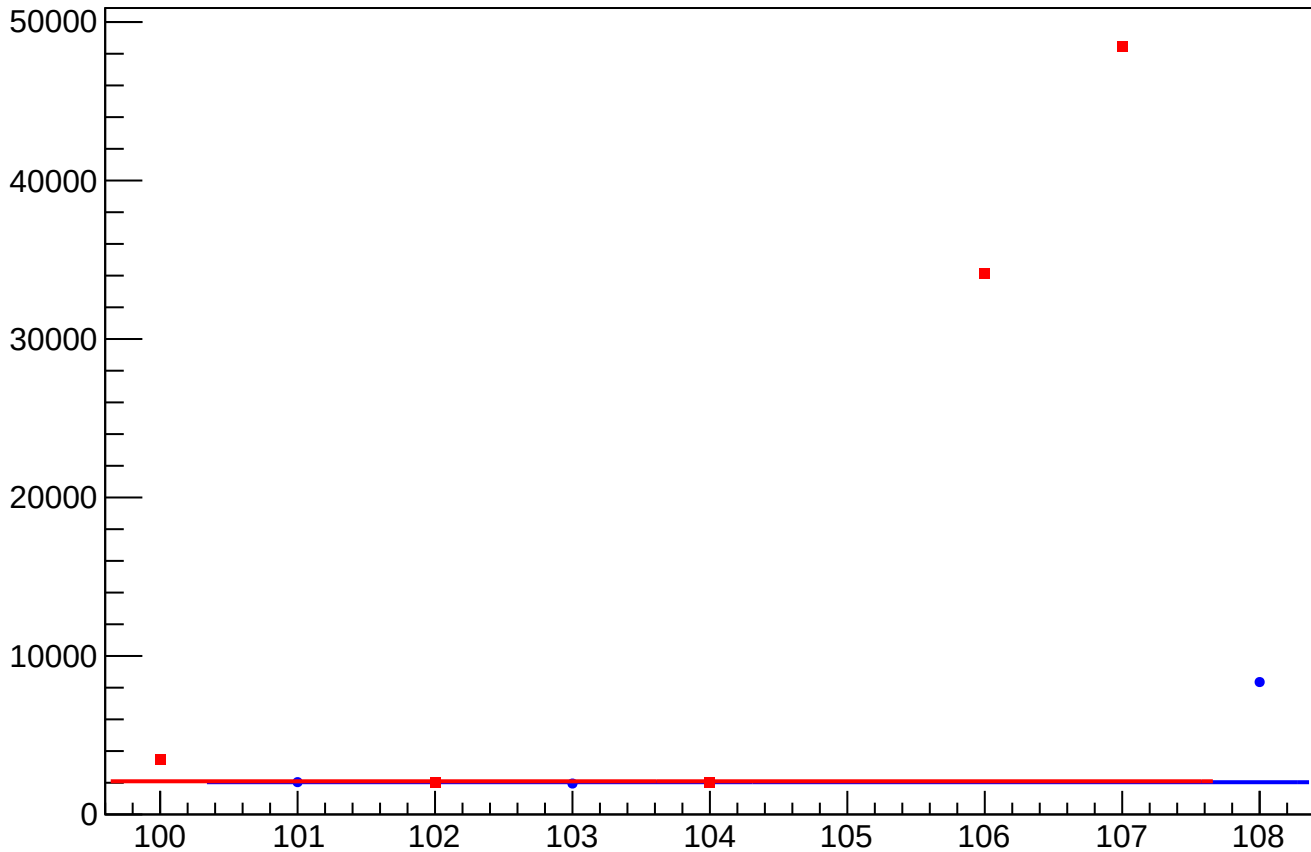
Right: -5.264+/-1.297 χ^2/NDF : 8.8/7

In: -8.429+/-1.784 χ^2/NDF : 0.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.264+/-1.297 χ^2/NDF : 8.8/7

diff_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 2034.346+/-1.261 χ^2/NDF : 157394.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2092.849+/-1.336 χ^2/NDF : 970215.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

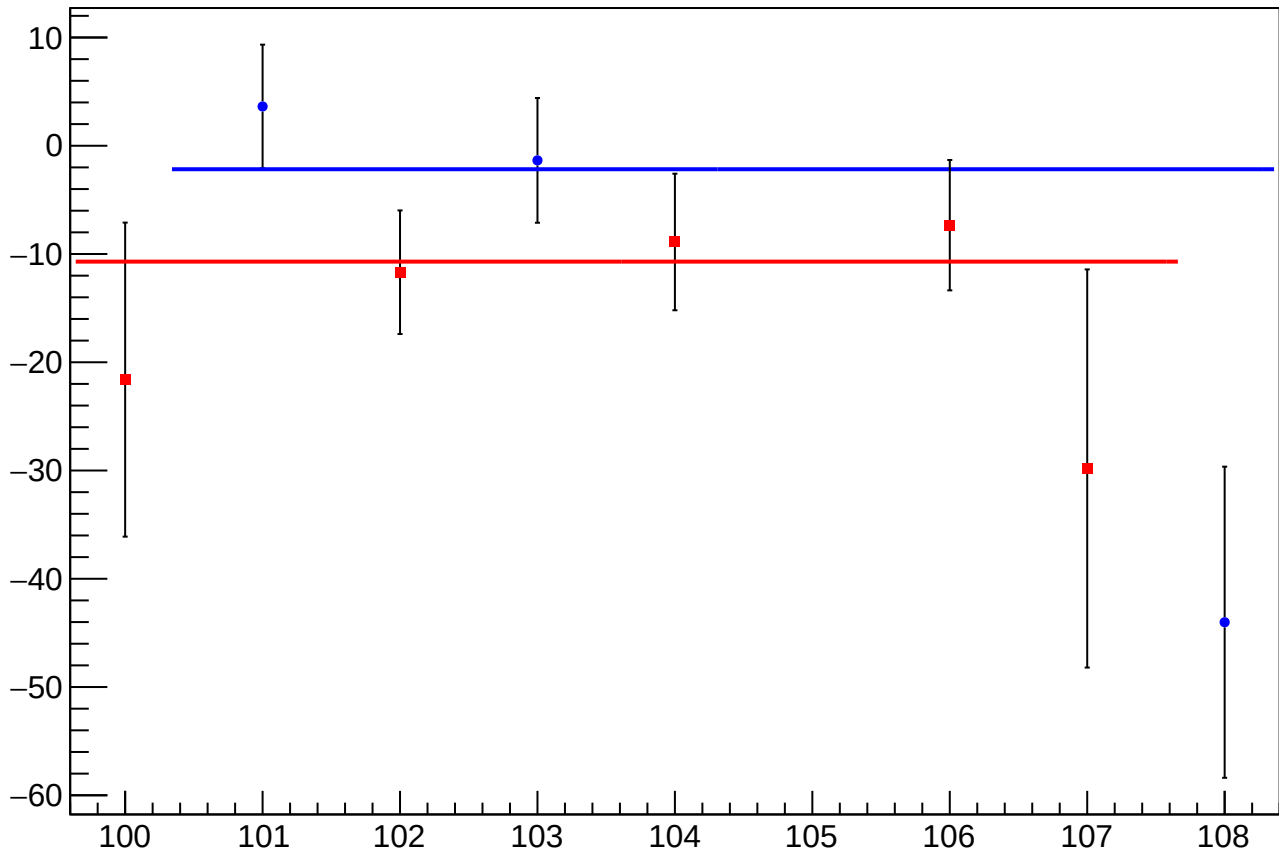
Right: 2061.922+/-0.917 χ^2/NDF : 1128623.6/7

In: 2034.346+/-1.261 χ^2/NDF : 157394.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2061.922+/-0.917 χ^2/NDF : 1128623.6/7

diff_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -2.170 ± 3.903 χ^2/NDF : 9.5/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -10.703 ± 3.313 χ^2/NDF : 2.1/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

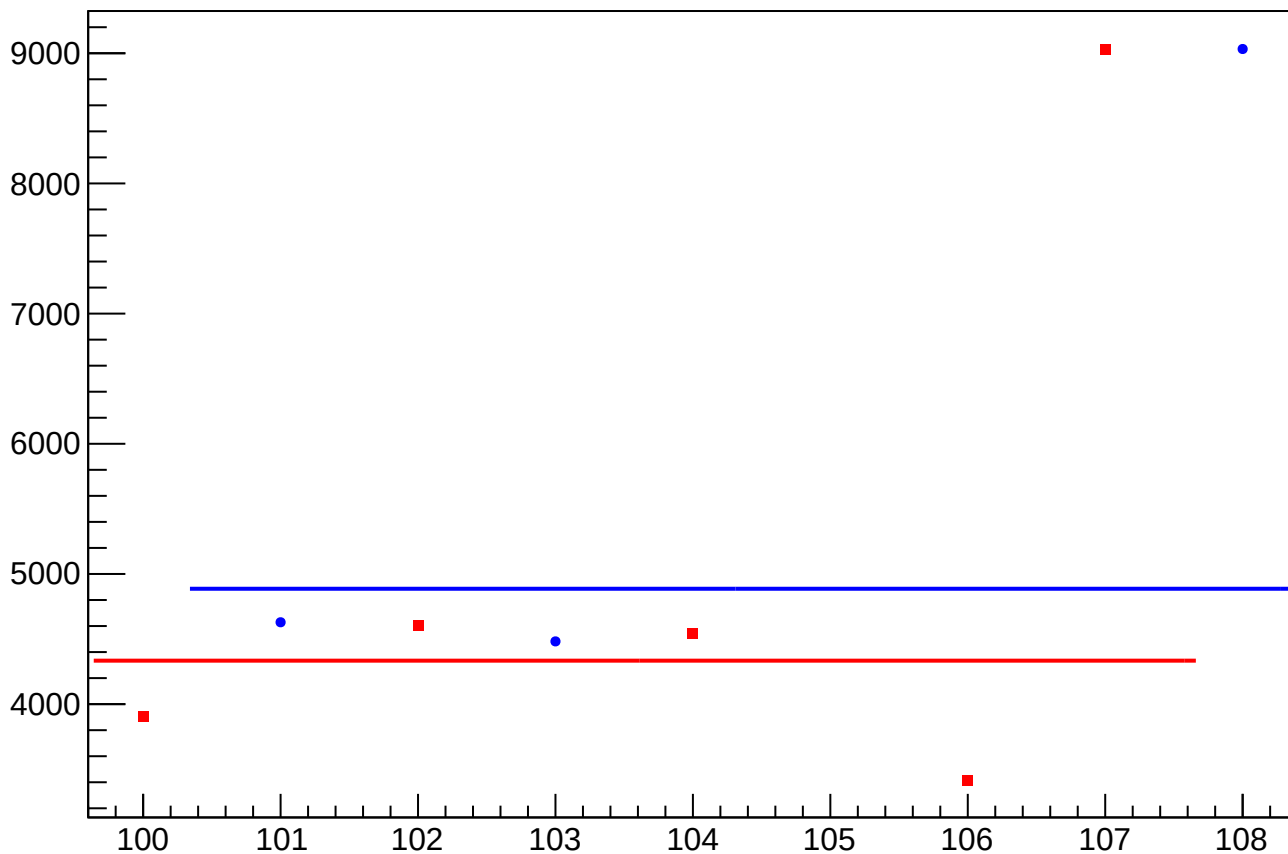
Right: -7.129 ± 2.526 χ^2/NDF : 14.4/7

In: -2.170 ± 3.903 χ^2/NDF : 9.5/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.129 ± 2.526 χ^2/NDF : 14.4/7

diff_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 4886.397+/-2.760 χ^2/NDF : 180418.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4334.064+/-2.343 χ^2/NDF : 185314.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

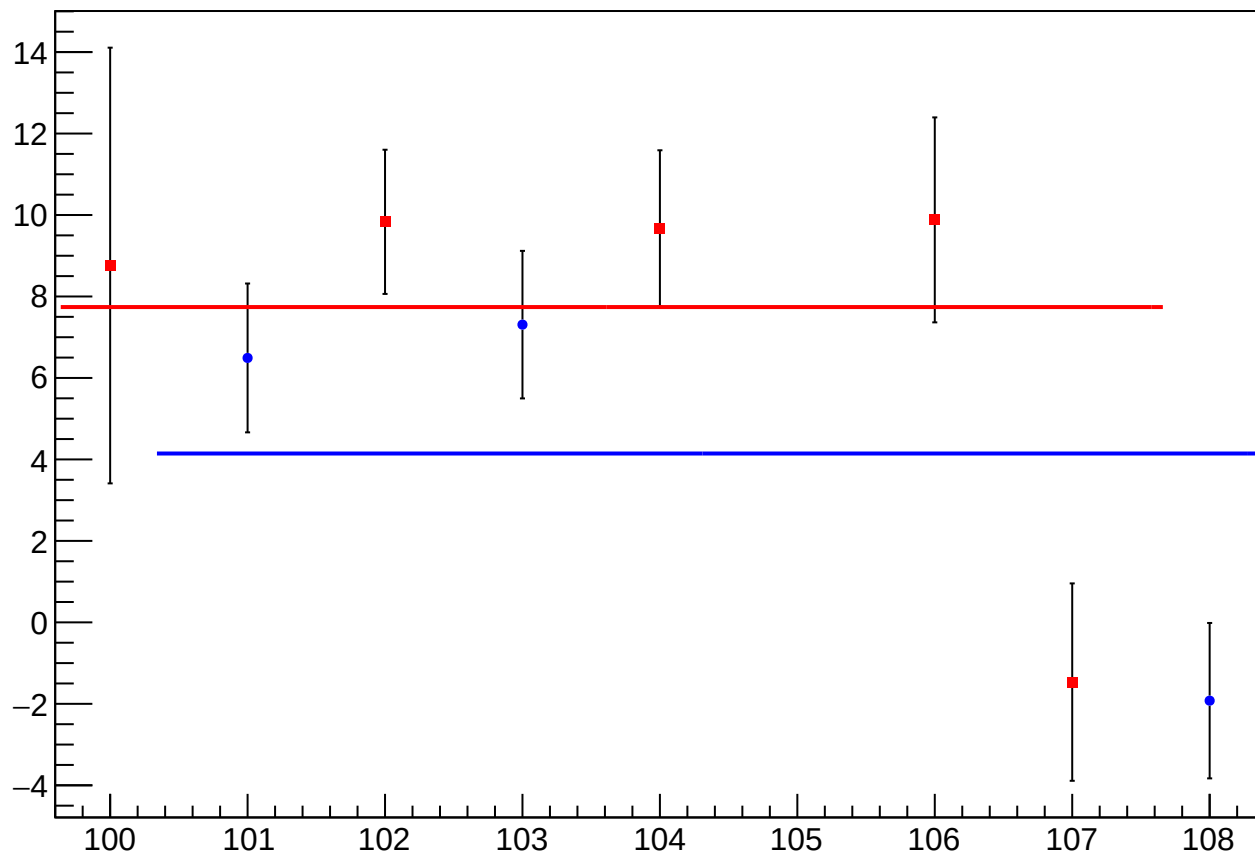
Right: 4565.383+/-1.786 χ^2/NDF : 389015.2/7

In: 4886.397+/-2.760 χ^2/NDF : 180418.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4565.383+/-1.786 χ^2/NDF : 389015.2/7

diff_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: 4.145+/-1.066 χ^2/NDF : 14.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.740+/-1.023 χ^2/NDF : 17.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

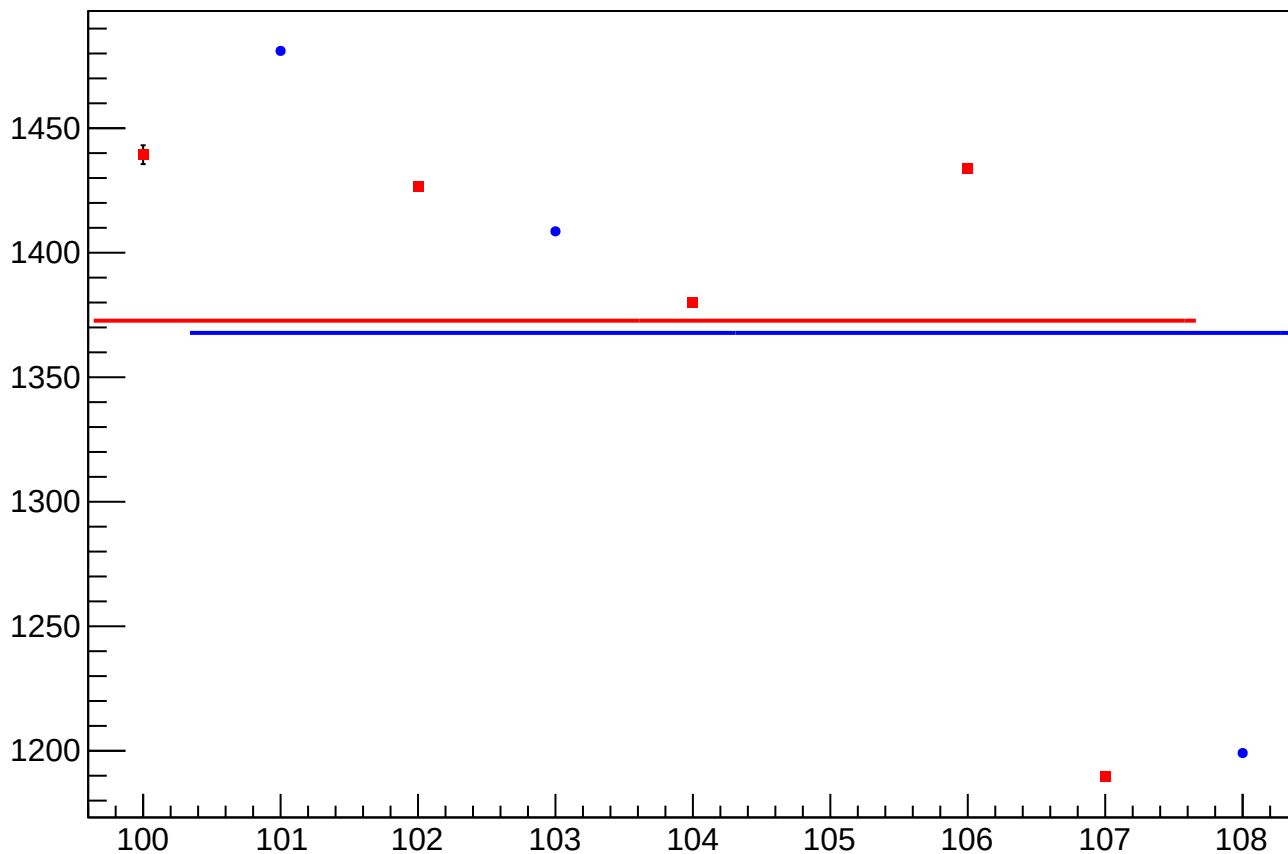
Right: 6.017+/-0.738 χ^2/NDF : 38.3/7

In: 4.145+/-1.066 χ^2/NDF : 14.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.017+/-0.738 χ^2/NDF : 38.3/7

diff_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 1367.806 $\pm$ 0.754 χ^2 /NDF: 24338.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1372.715 $\pm$ 0.724 χ^2 /NDF: 14791.0/4

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

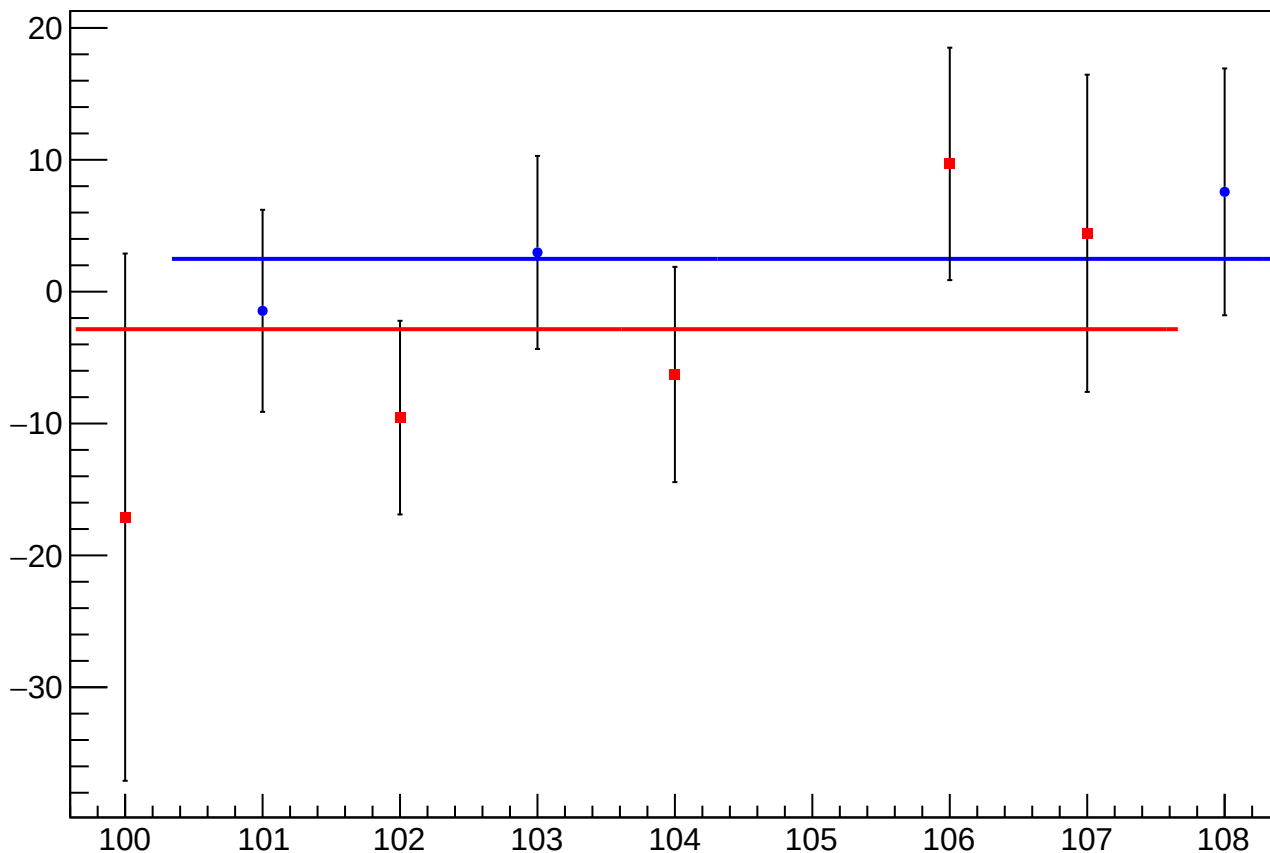
Right: 1370.362 $\pm$ 0.522 χ^2 /NDF: 39151.3/7

In: 1367.806 $\pm$ 0.754 χ^2 /NDF:24338.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1370.362 $\pm$ 0.522 χ^2 /NDF: 39151.3/7

diff_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 2.487+/-4.607 χ^2/NDF : 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.845+/-4.232 χ^2/NDF : 3.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

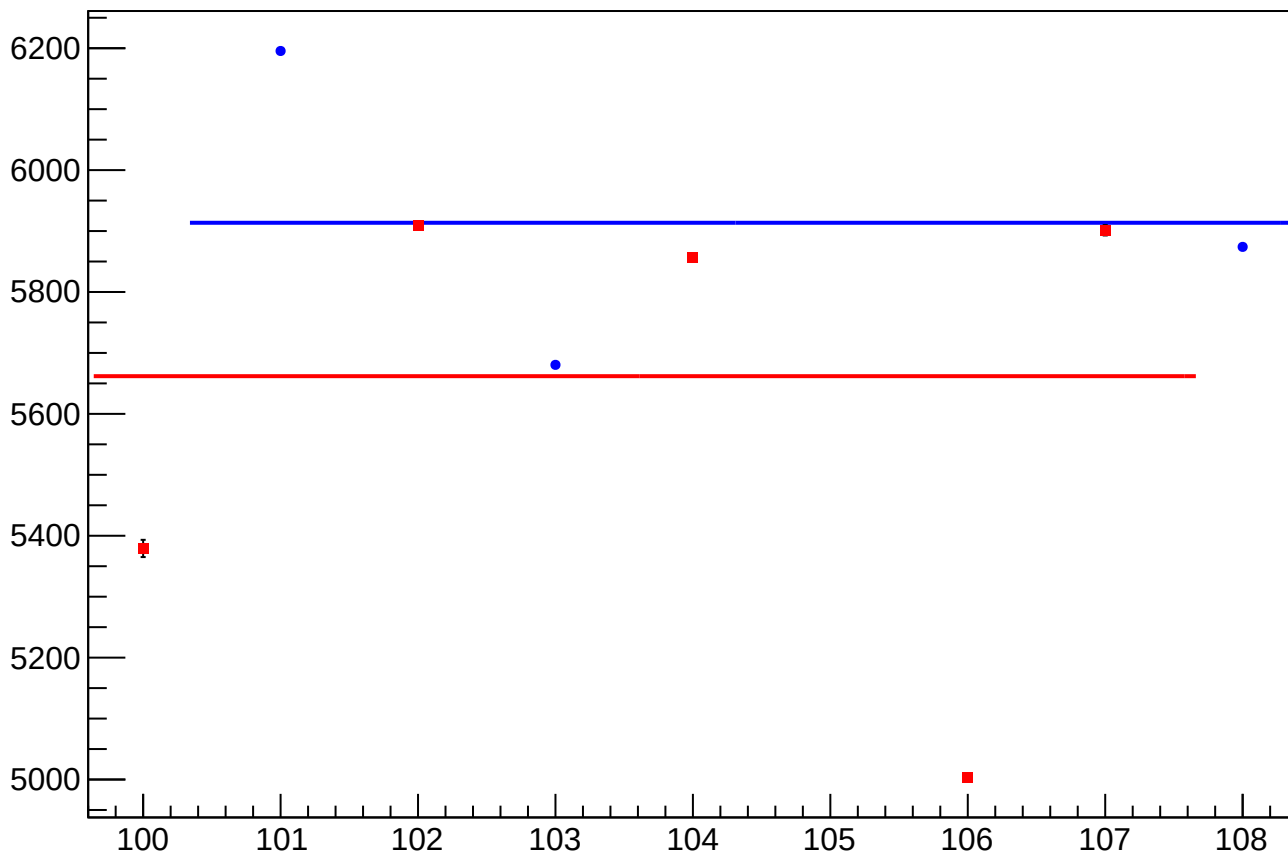
Right: -0.405+/-3.117 χ^2/NDF : 5.2/7

In: 2.487+/-4.607 χ^2/NDF : 0.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.405+/-3.117 χ^2/NDF : 5.2/7

diff_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 5913.588 $\pm$ 3.258 χ^2 /NDF: 4771.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5661.859 $\pm$ 2.992 χ^2 /NDF: 15745.8/4

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

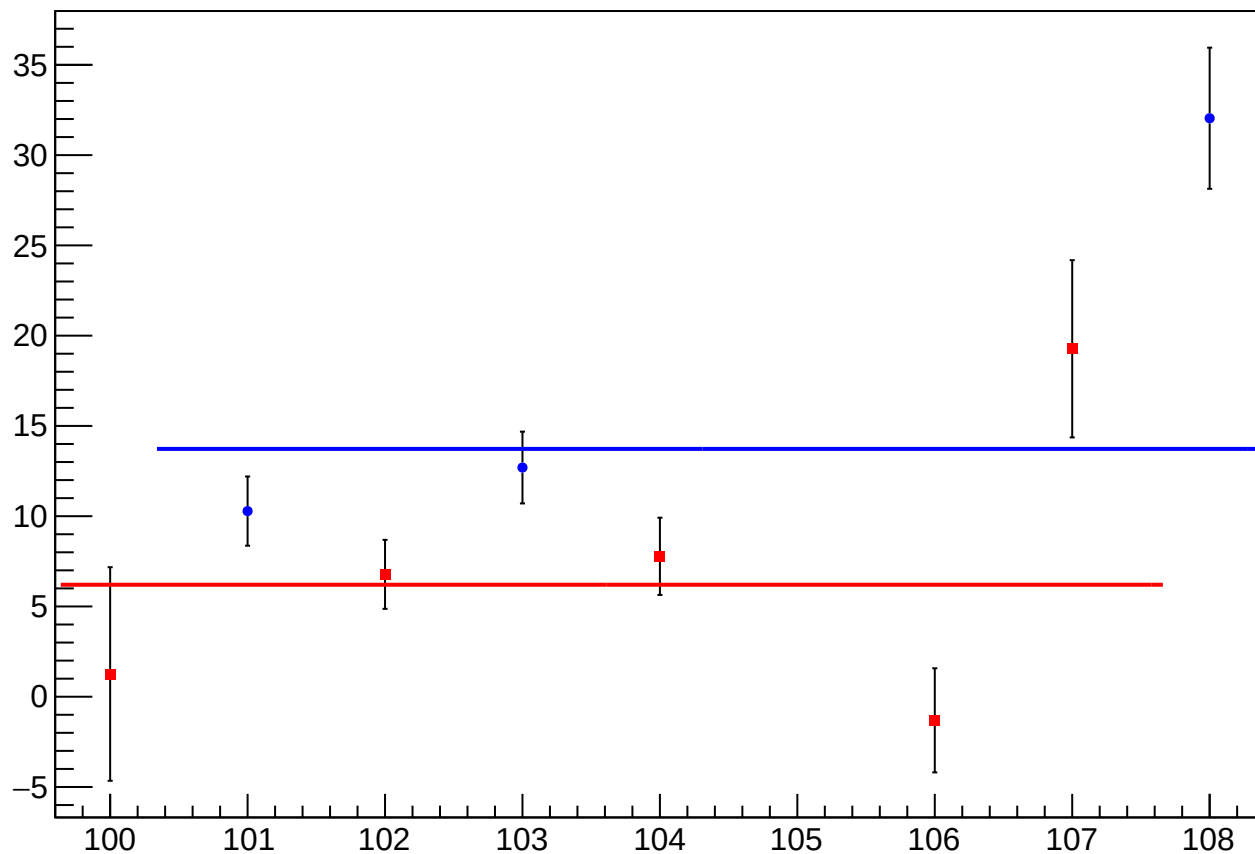
Right: 5777.043 $\pm$ 2.204 χ^2 /NDF: 23755.7/7

In: 5913.588 $\pm$ 3.258 χ^2 /NDF:4771.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 5777.043 $\pm$ 2.204 χ^2 /NDF: 23755.7/7

diff_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 13.728+/-1.301 χ^2/NDF : 25.5/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 6.202+/-1.210 χ^2/NDF : 15.2/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

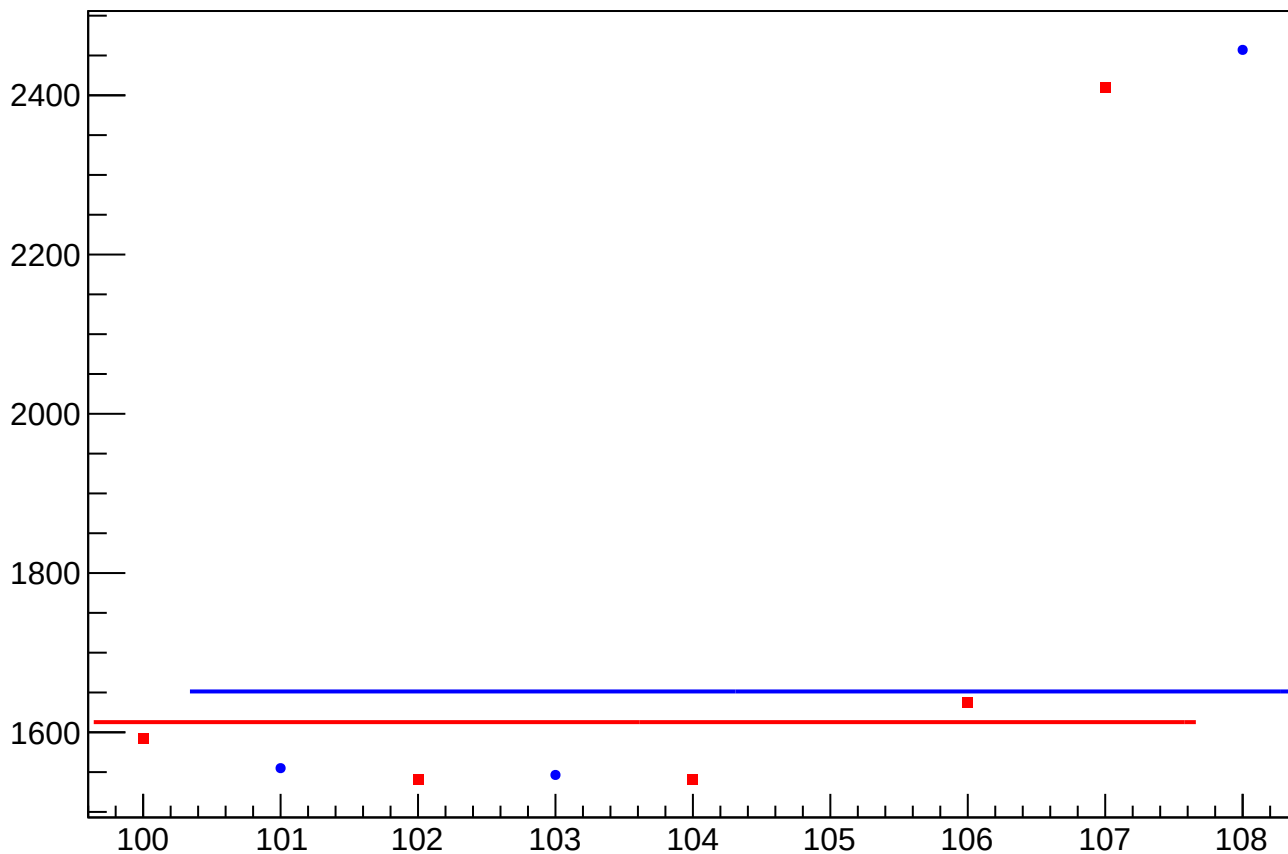
Right: 9.693+/-0.886 χ^2/NDF : 58.6/7

In: 13.728+/-1.301 χ^2/NDF :25.5/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 9.693+/-0.886 χ^2/NDF : 58.6/7

diff_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 1651.297+/-0.920 χ^2/NDF : 95593.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1612.771+/-0.856 χ^2/NDF : 58072.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

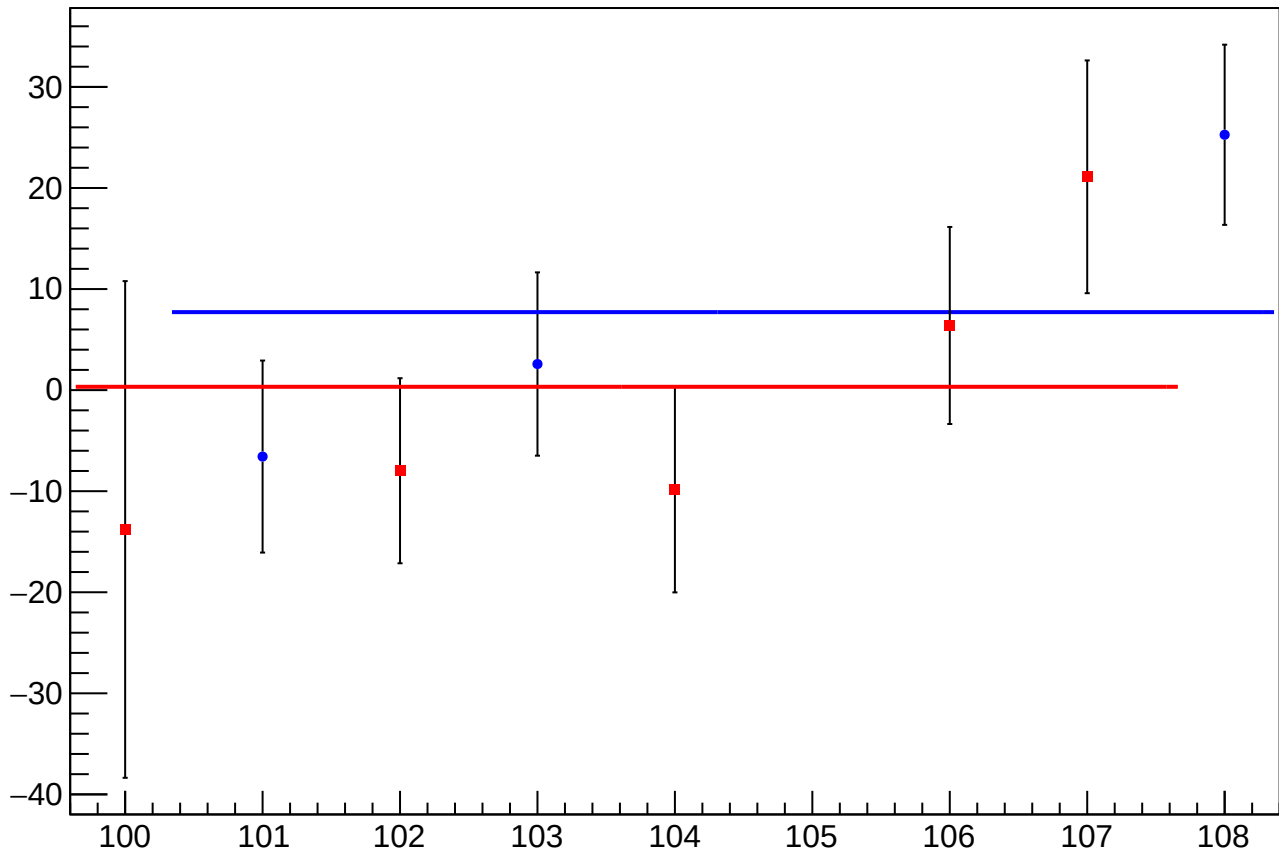
Right: 1630.639+/-0.627 χ^2/NDF : 154606.2/7

In: 1651.297+/-0.920 χ^2/NDF : 95593.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1630.639+/-0.627 χ^2/NDF : 154606.2/7

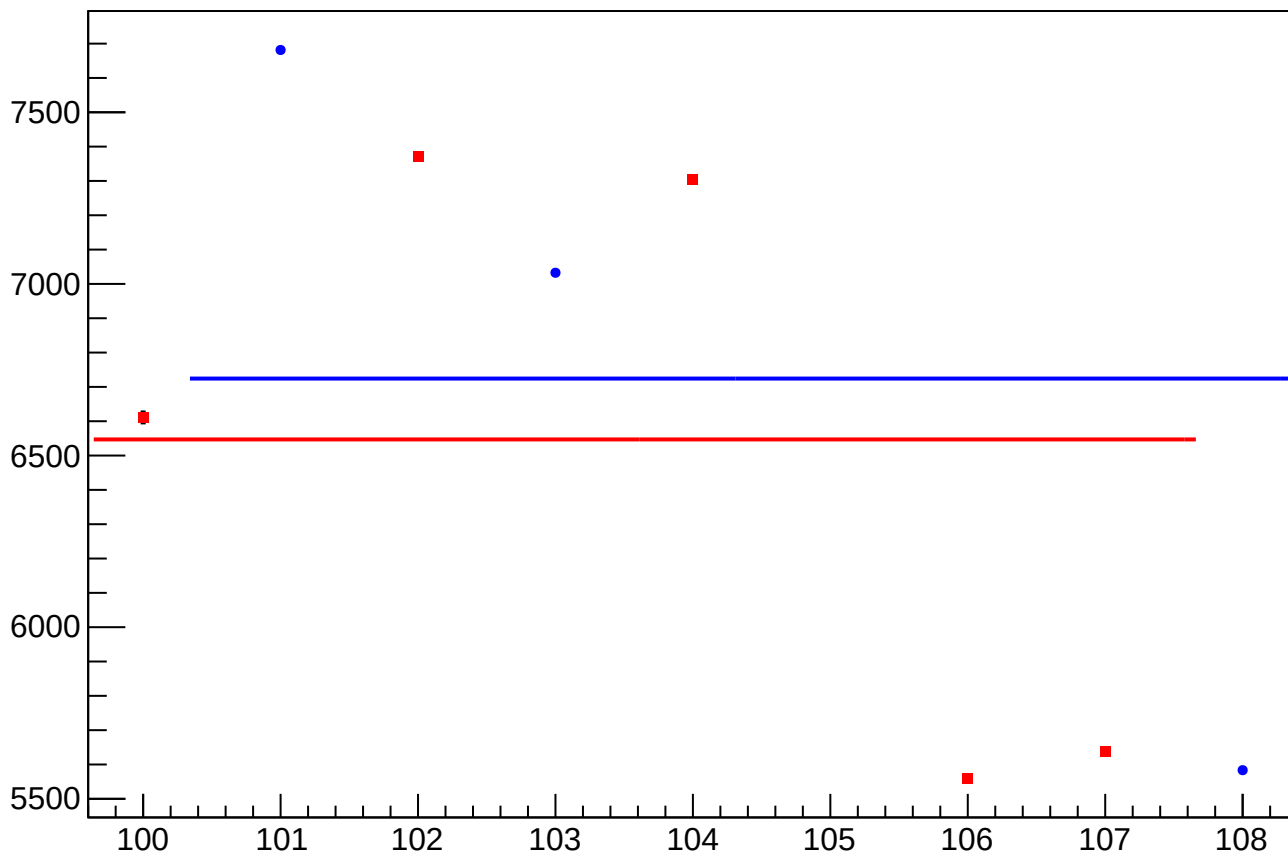
diff_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 7.718+/-5.284 χ^2/NDF : 6.5/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.329+/-4.921 χ^2/NDF : 5.8/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 3.761+/-3.601 χ^2/NDF : 13.3/7
 In: 7.718+/-5.284 χ^2/NDF : 6.5/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 3.761+/-3.601 χ^2/NDF : 13.3/7

diff_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 6724.285+/-3.736 χ^2/NDF : 55364.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6546.950+/-3.480 χ^2/NDF : 60261.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

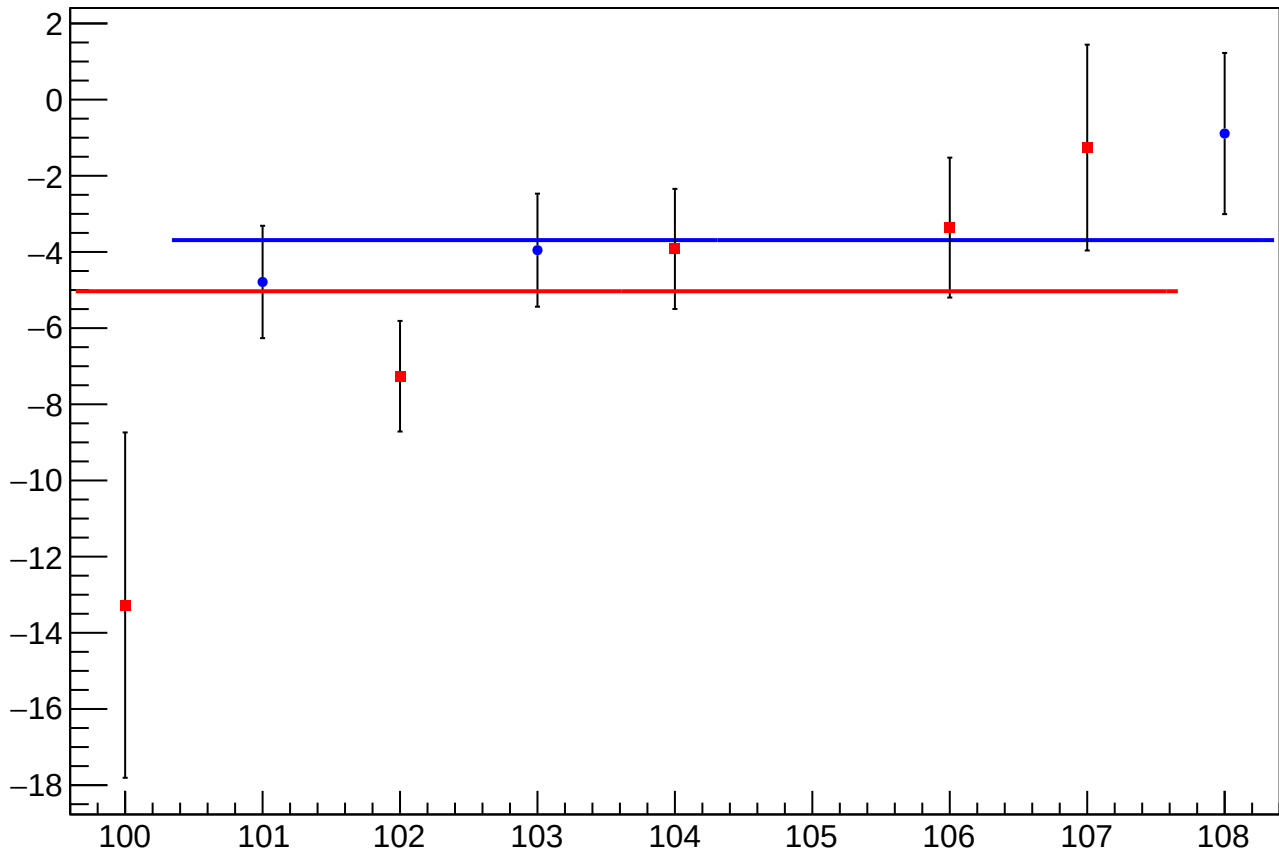
Right: 6629.321+/-2.546 χ^2/NDF : 116832.5/7

In: 6724.285+/-3.736 χ^2/NDF : 55364.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6629.321+/-2.546 χ^2/NDF : 116832.5/7

diff_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -3.689+/-0.938 χ^2/NDF : 2.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.032+/-0.858 χ^2/NDF : 8.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

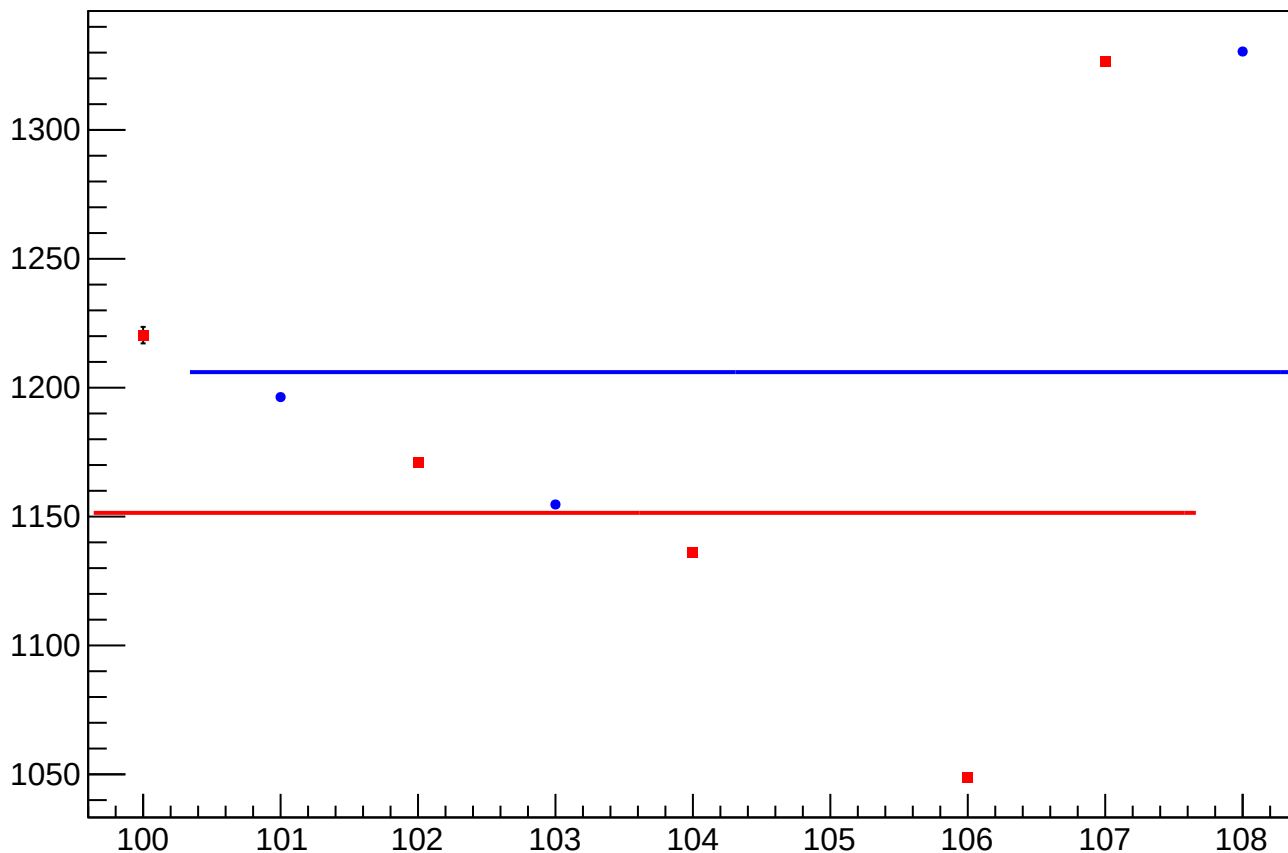
Right: -4.420+/-0.633 χ^2/NDF : 12.4/7

In: -3.689+/-0.938 χ^2/NDF : 2.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.420+/-0.633 χ^2/NDF : 12.4/7

diff_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 1206.043 $\pm$ 0.663 χ^2/NDF : 9388.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1151.446 $\pm$ 0.607 χ^2/NDF : 15666.9/4

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

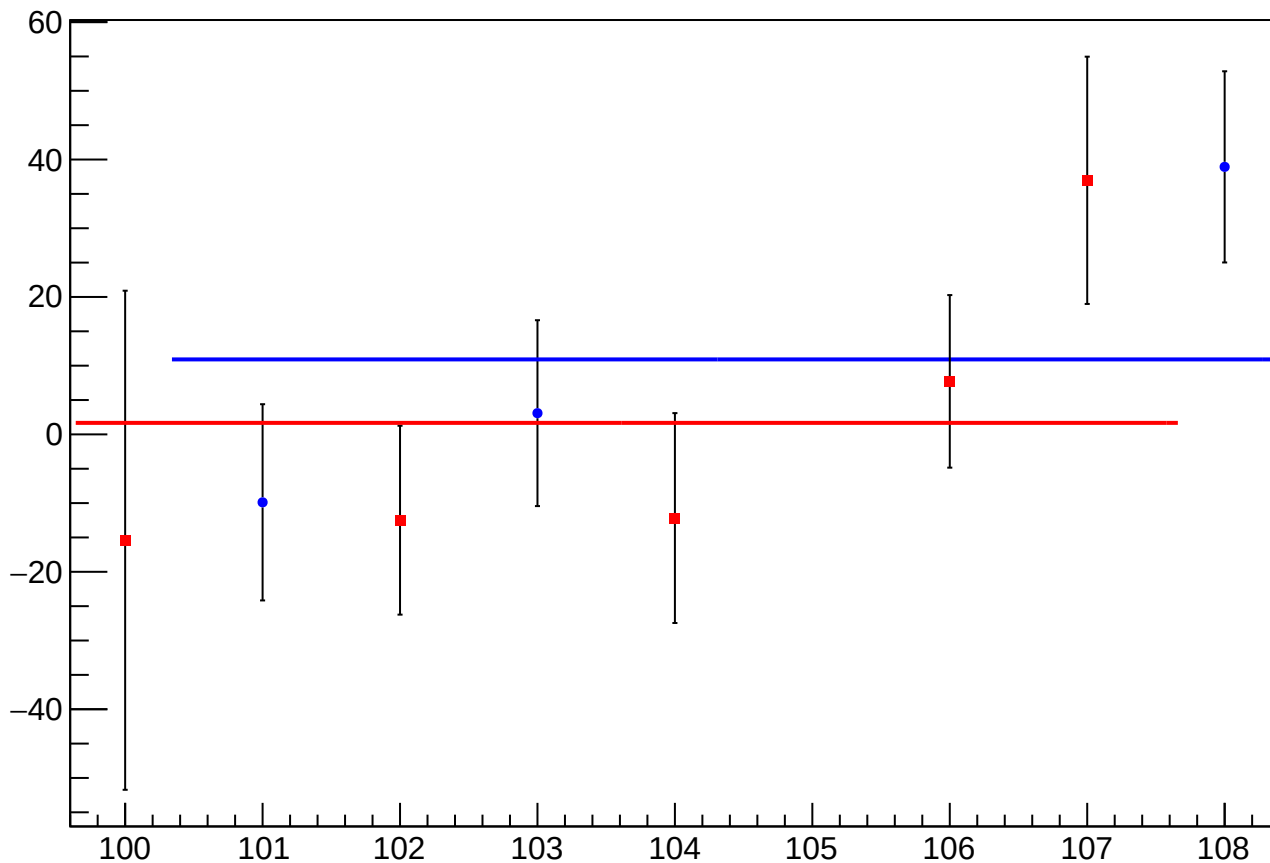
Right: 1176.323 $\pm$ 0.448 χ^2/NDF : 28744.2/7

In: 1206.043 $\pm$ 0.663 χ^2/NDF : 9388.3/2

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1176.323 $\pm$ 0.448 χ^2/NDF : 28744.2/7

diff_bpm0l07X_mean vs Slug, Sign Corrected



Right In: 10.910+/-8.023 χ^2/NDF : 6.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.675+/-7.112 χ^2/NDF : 6.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

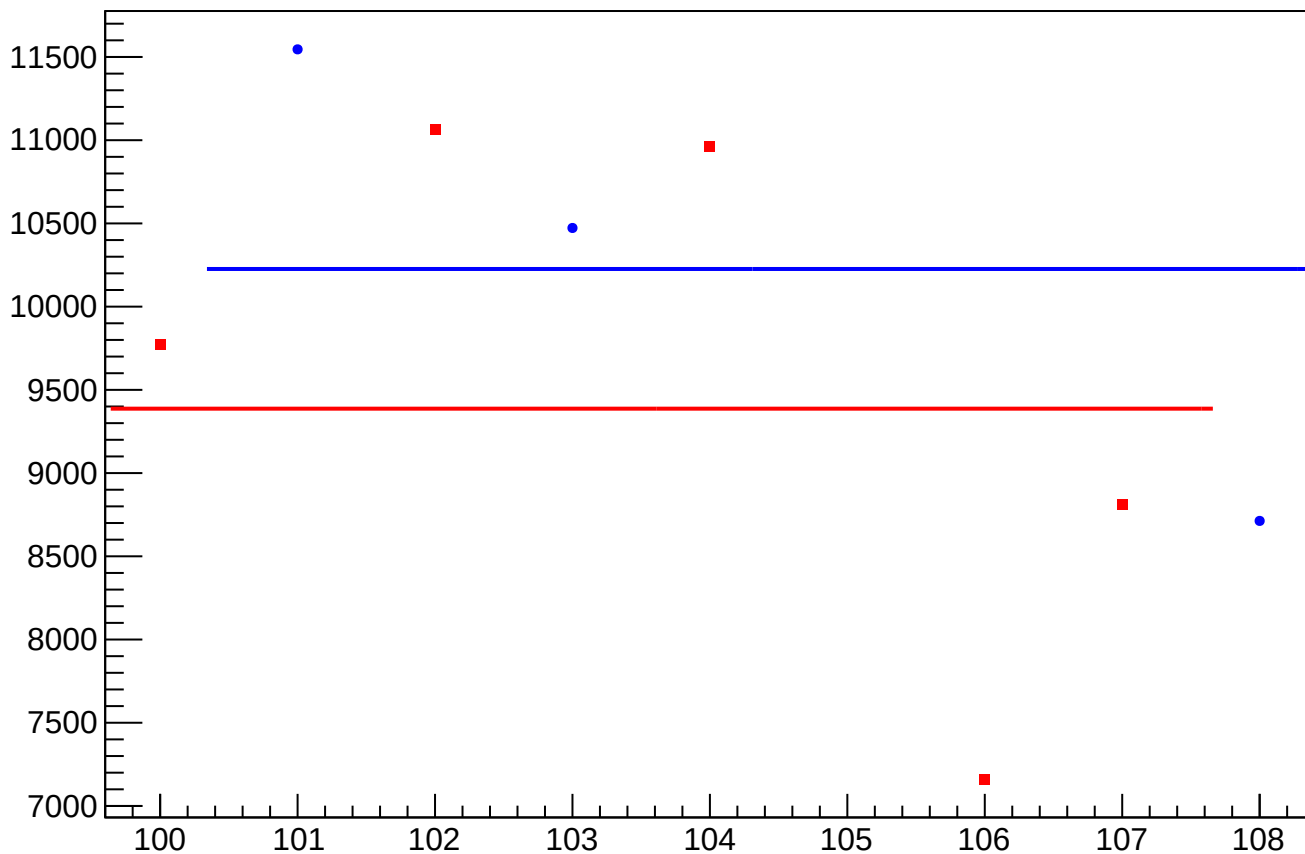
Right: 5.739+/-5.322 χ^2/NDF : 13.4/7

In: 10.910+/-8.023 χ^2/NDF : 6.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.739+/-5.322 χ^2/NDF : 13.4/7

diff_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 10226.269+/-5.673 χ^2/NDF : 41412.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9387.040+/-5.029 χ^2/NDF : 116123.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

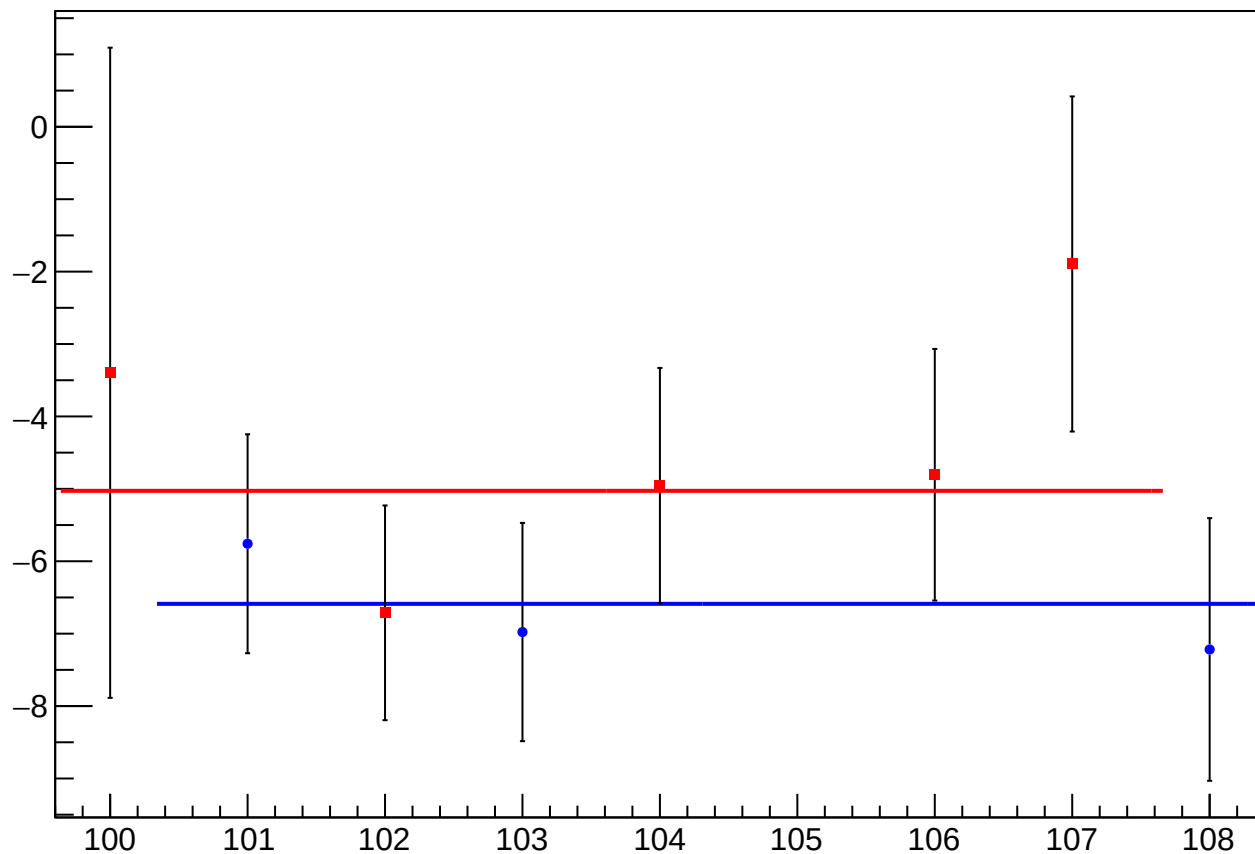
Right: 9756.354+/-3.763 χ^2/NDF : 169791.0/7

In: 10226.269+/-5.673 χ^2/NDF : 41412.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9756.354+/-3.763 χ^2/NDF : 169791.0/7

diff_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: -6.588+/-0.920 χ^2/NDF : 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.027+/-0.845 χ^2/NDF : 3.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

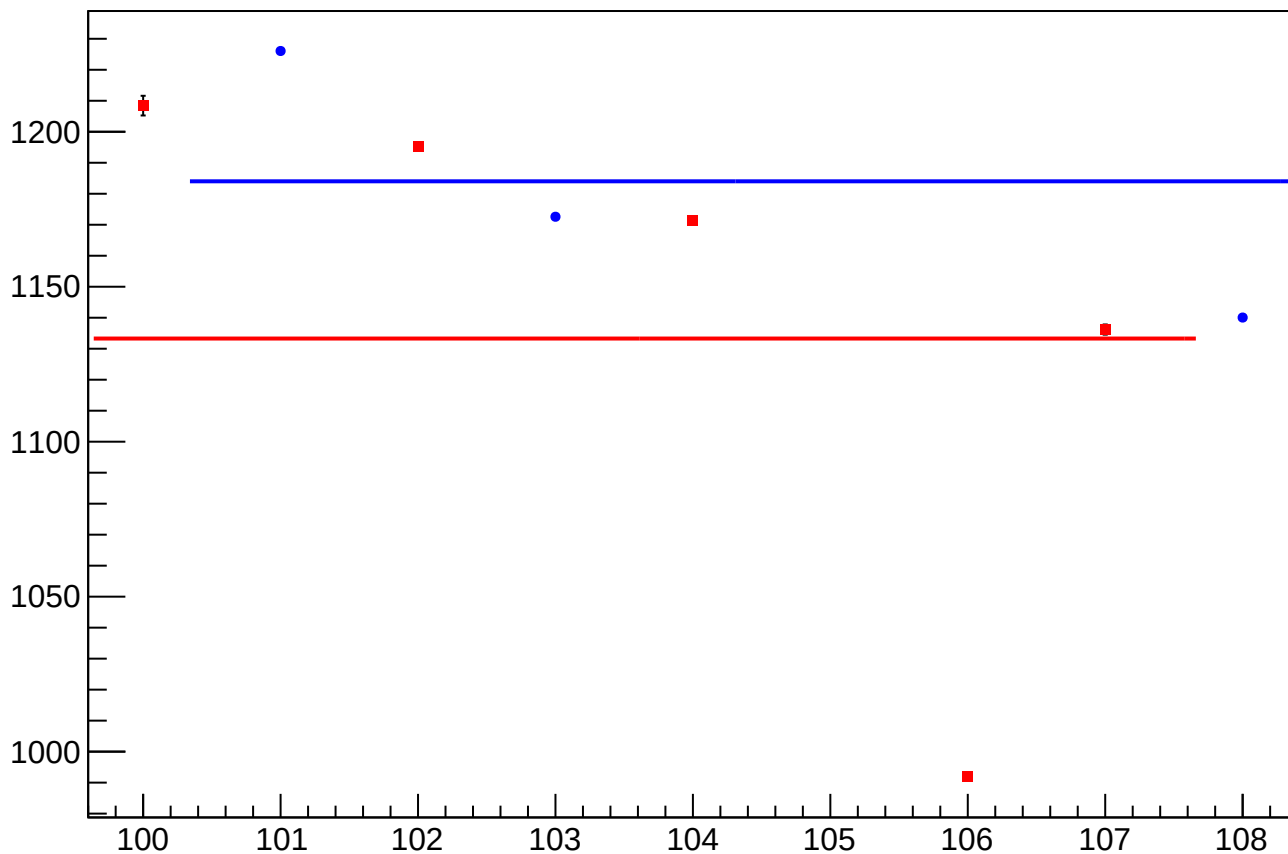
Right: -5.742+/-0.622 χ^2/NDF : 5.3/7

In: -6.588+/-0.920 χ^2/NDF : 0.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.742+/-0.622 χ^2/NDF : 5.3/7

diff_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 1184.014 $\pm$ 0.651 χ^2 /NDF: 2837.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1133.283 $\pm$ 0.597 χ^2 /NDF: 18407.8/4

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

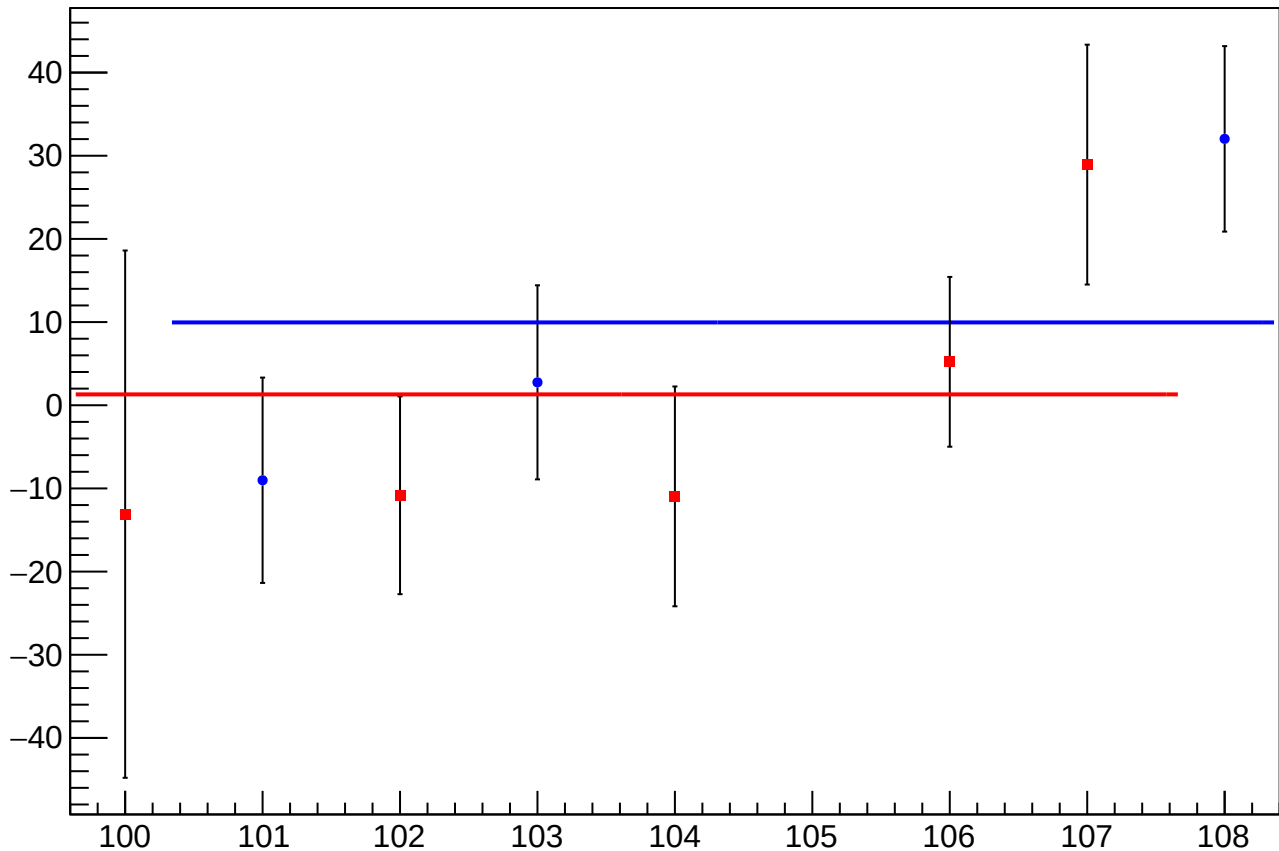
Right: 1156.495 $\pm$ 0.440 χ^2 /NDF: 24543.9/7

In: 1184.014 $\pm$ 0.651 χ^2 /NDF:2837.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1156.495 $\pm$ 0.440 χ^2 /NDF: 24543.9/7

diff_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 9.960+/-6.750 χ^2/NDF : 6.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.308+/-5.954 χ^2/NDF : 5.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

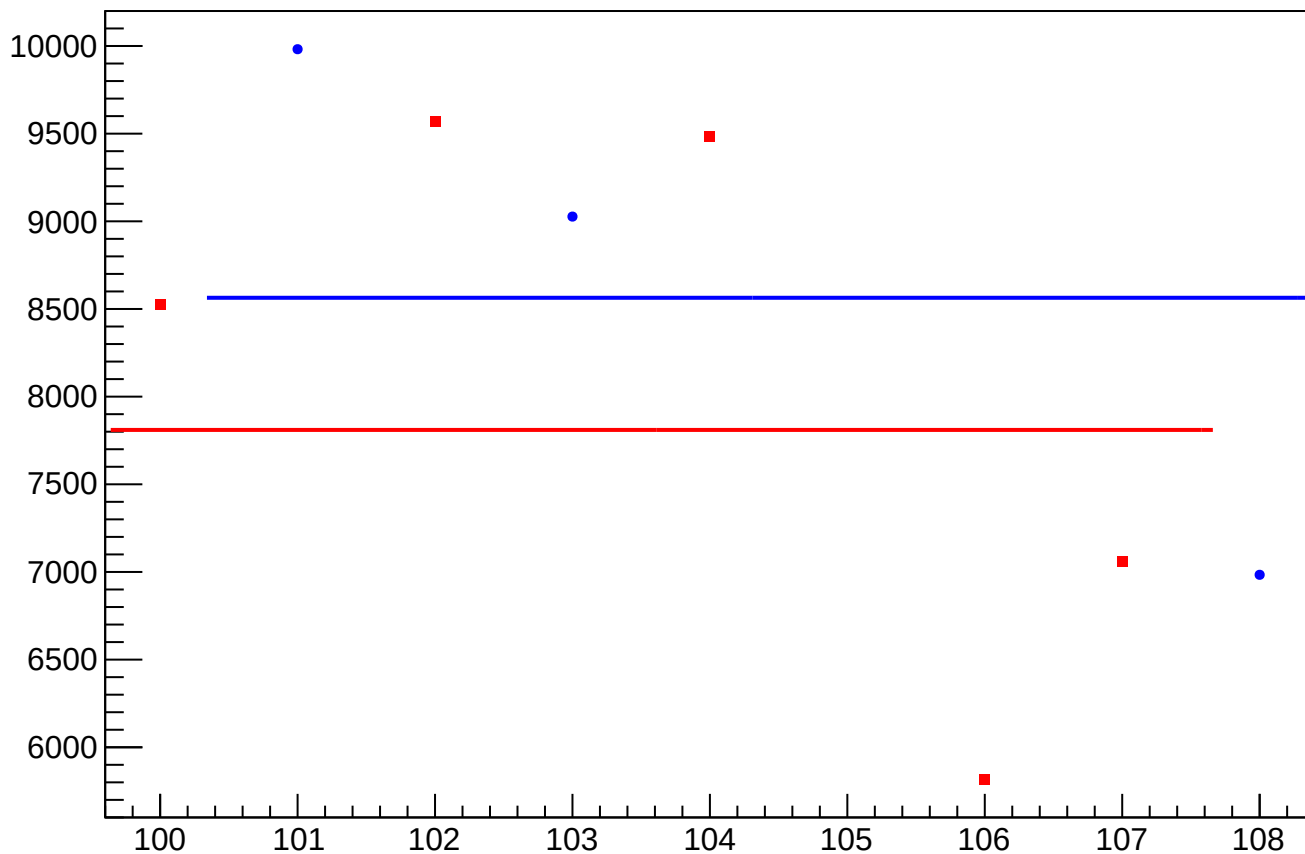
Right: 5.094+/-4.465 χ^2/NDF : 13.5/7

In: 9.960+/-6.750 χ^2/NDF : 6.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.094+/-4.465 χ^2/NDF : 13.5/7

diff_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 8563.906 $\pm$ 4.773 χ^2 /NDF: 69687.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 7810.127 $\pm$ 4.210 χ^2 /NDF: 158653.5/4

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

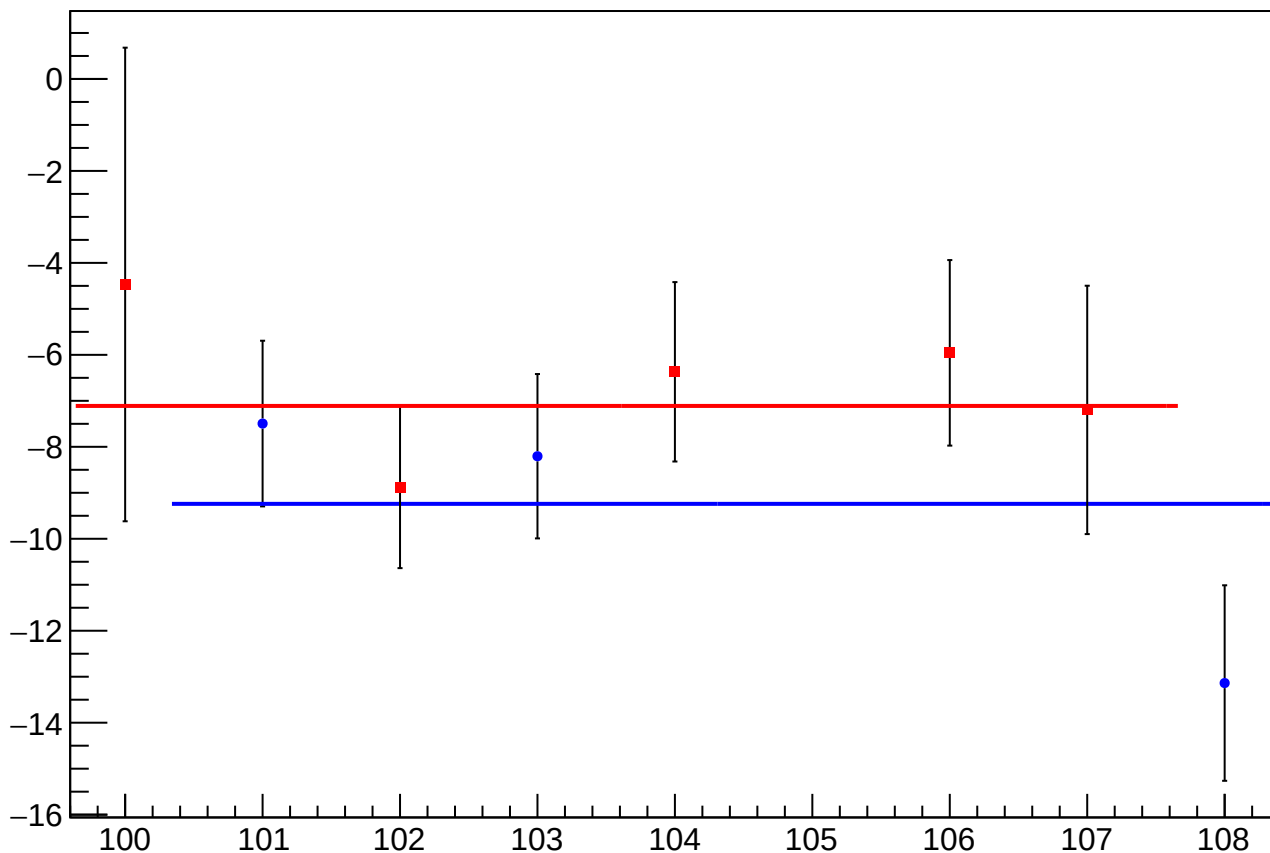
Right: 8140.011 $\pm$ 3.157 χ^2 /NDF: 242367.7/7

In: 8563.906 $\pm$ 4.773 χ^2 /NDF:69687.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 8140.011 $\pm$ 3.157 χ^2 /NDF: 242367.7/7

diff_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -9.241 $\pm$ 1.090 χ^2 /NDF: 4.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -7.111 $\pm$ 0.998 χ^2 /NDF: 1.7/4

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

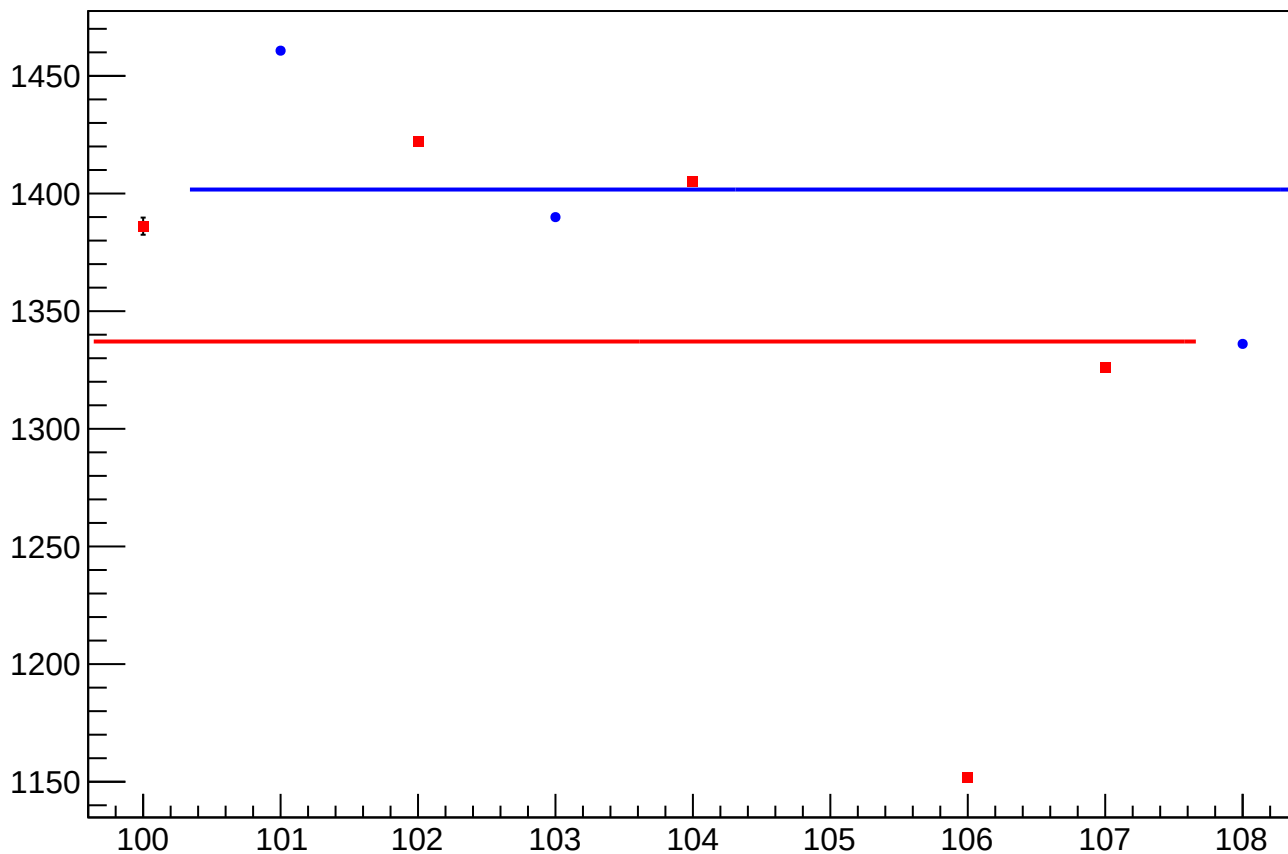
Right: -8.082 $\pm$ 0.736 χ^2 /NDF: 8.4/7

In: -9.241 $\pm$ 1.090 χ^2 /NDF:4.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -8.082 $\pm$ 0.736 χ^2 /NDF: 8.4/7

diff_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 1401.700+/-0.770 χ^2/NDF : 4137.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1337.108+/-0.706 χ^2/NDF : 24164.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

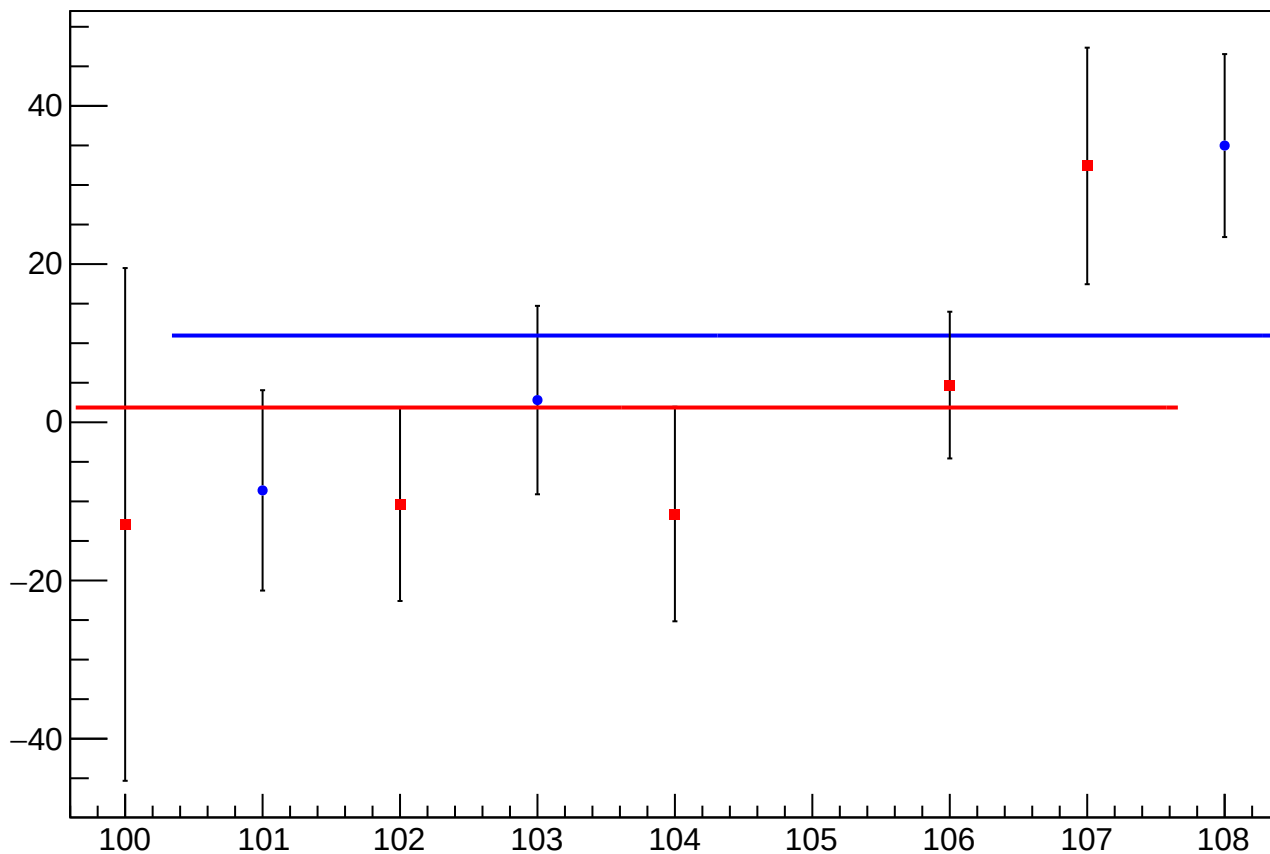
Right: 1366.570+/-0.520 χ^2/NDF : 32124.2/7

In: 1401.700+/-0.770 χ^2/NDF : 4137.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1366.570+/-0.520 χ^2/NDF : 32124.2/7

diff_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 10.968+/-6.941 χ^2/NDF : 7.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.869+/-5.852 χ^2/NDF : 6.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

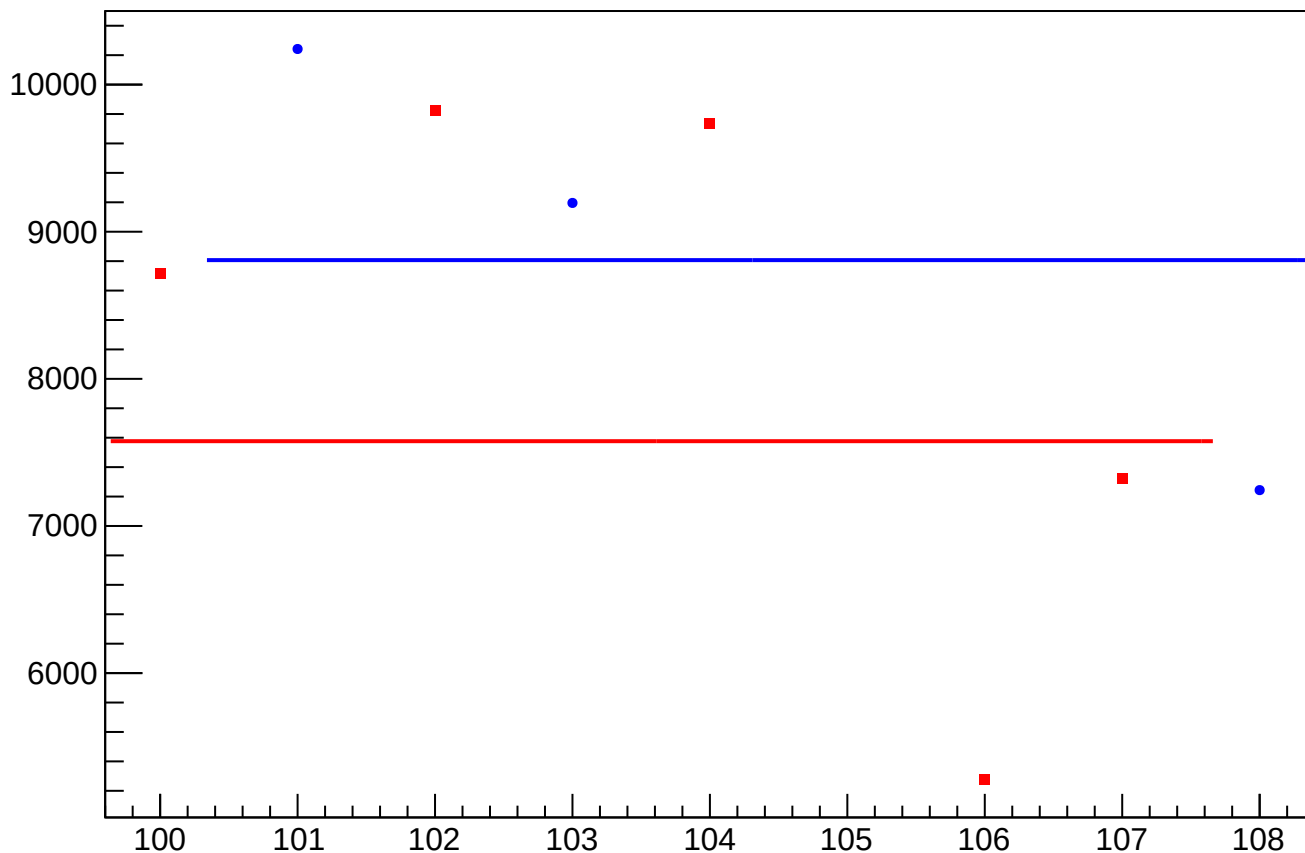
Right: 5.649+/-4.474 χ^2/NDF : 14.6/7

In: 10.968+/-6.941 χ^2/NDF : 7.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.649+/-4.474 χ^2/NDF : 14.6/7

diff_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 8806.973+/-4.908 χ^2/NDF : 64338.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7576.350+/-4.138 χ^2/NDF : 244703.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

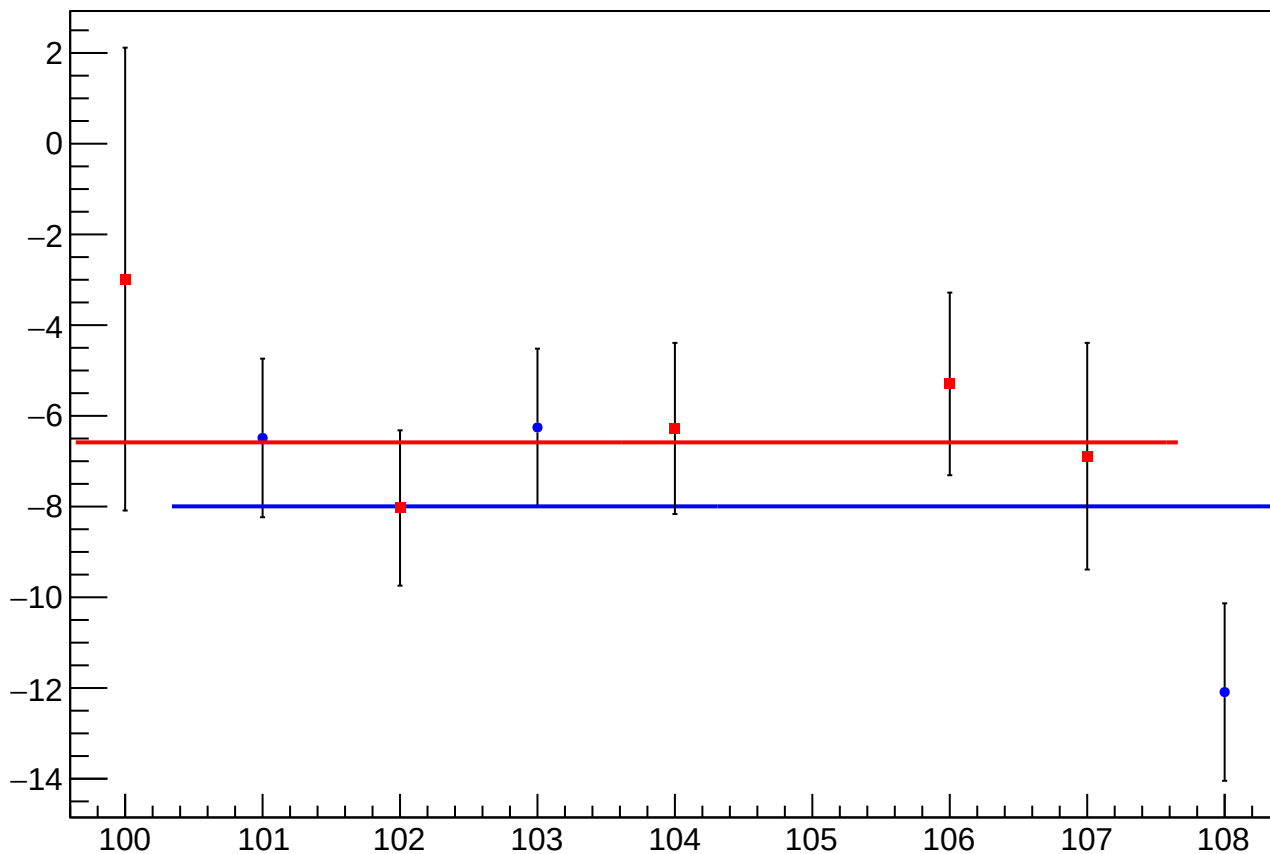
Right: 8087.651+/-3.163 χ^2/NDF : 345794.1/7

In: 8806.973+/-4.908 χ^2/NDF : 64338.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8087.651+/-3.163 χ^2/NDF : 345794.1/7

diff_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -7.995 ± 1.043 χ^2/NDF : 6.1/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -6.585 ± 0.968 χ^2/NDF : 1.7/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

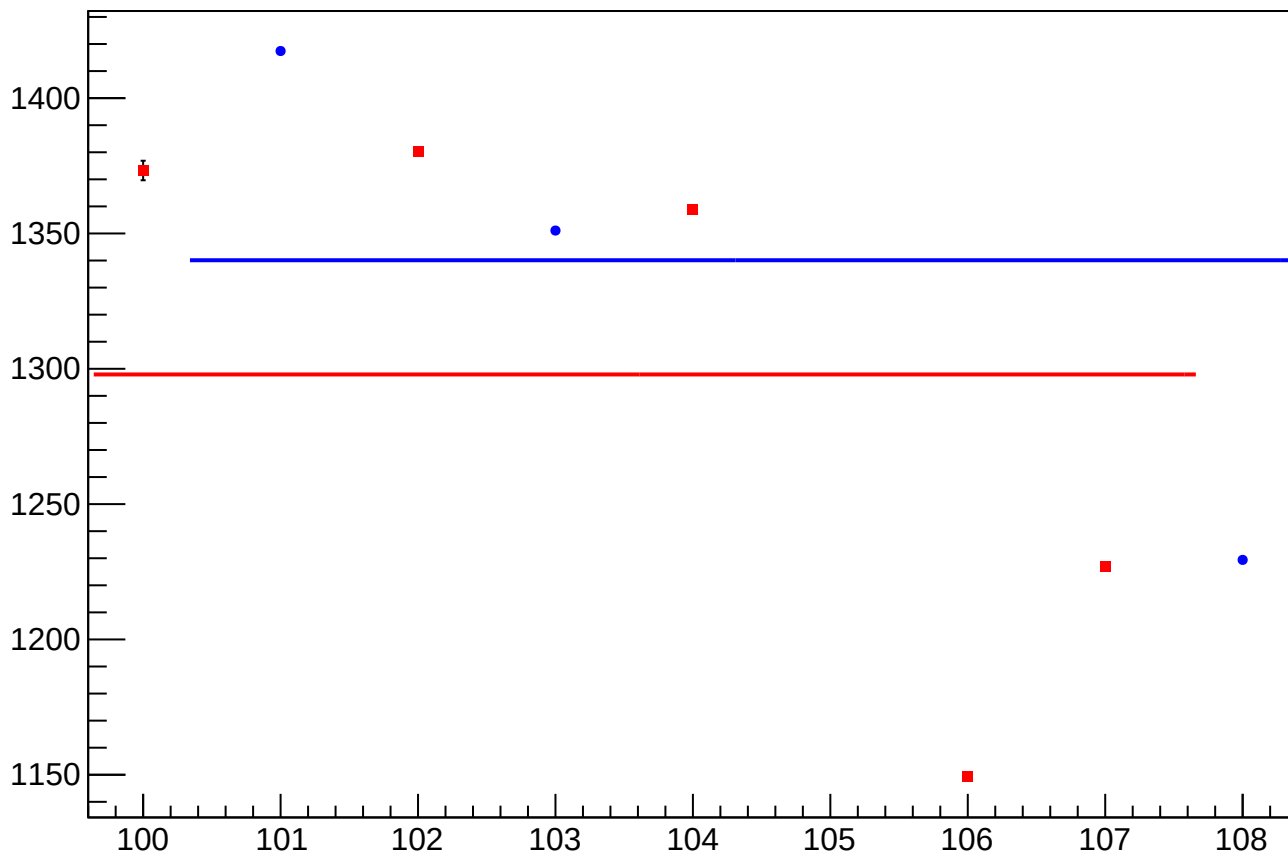
Right: -7.238 ± 0.709 χ^2/NDF : 8.8/7

In: -7.995 ± 1.043 χ^2/NDF : 6.1/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.238 ± 0.709 χ^2/NDF : 8.8/7

diff_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 1340.107 $\pm$ 0.737 χ^2 /NDF: 10398.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1297.907 $\pm$ 0.684 χ^2 /NDF: 19671.8/4

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

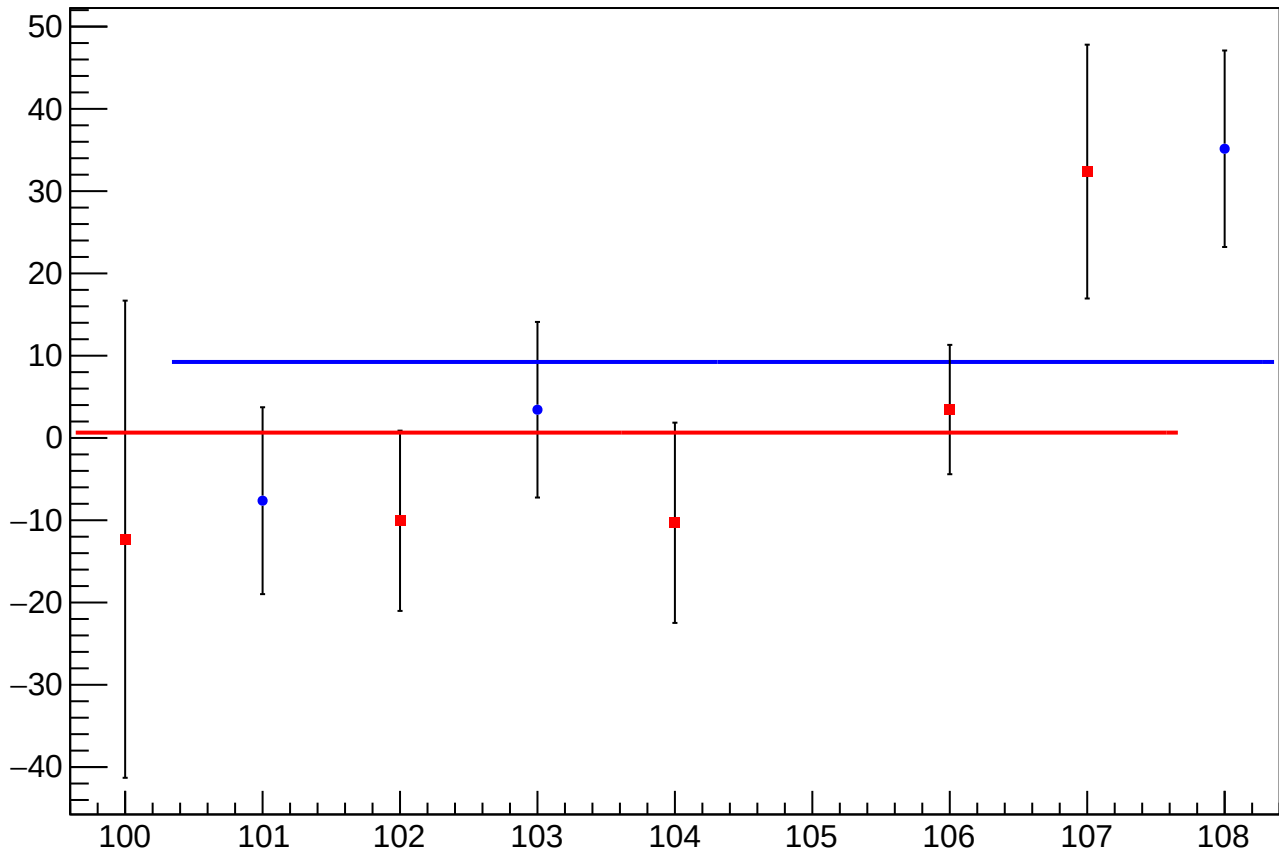
Right: 1317.443 $\pm$ 0.502 χ^2 /NDF: 31829.9/7

In: 1340.107 $\pm$ 0.737 χ^2 /NDF: 10398.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1317.443 $\pm$ 0.502 χ^2 /NDF: 31829.9/7

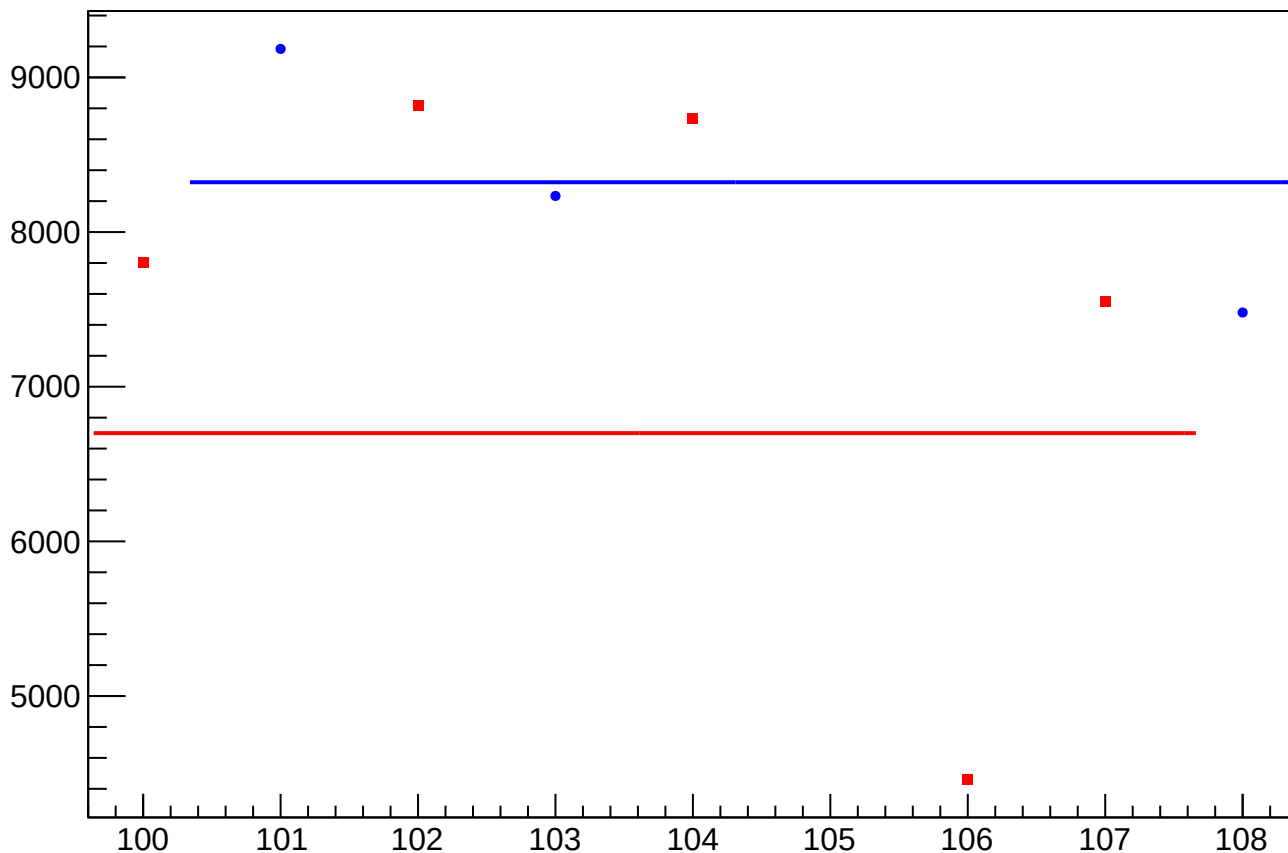
diff_bpm0l10X_mean vs Slug, Sign Corrected



Right In: 9.239+/-6.517 χ^2/NDF : 7.2/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.651+/-5.223 χ^2/NDF : 6.3/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 4.010+/-4.075 χ^2/NDF : 14.6/7
 In: 9.239+/-6.517 χ^2/NDF : 7.2/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 4.010+/-4.075 χ^2/NDF : 14.6/7

diff_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 8322.174+/-4.608 χ^2/NDF : 21610.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6699.895+/-3.693 χ^2/NDF : 302590.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

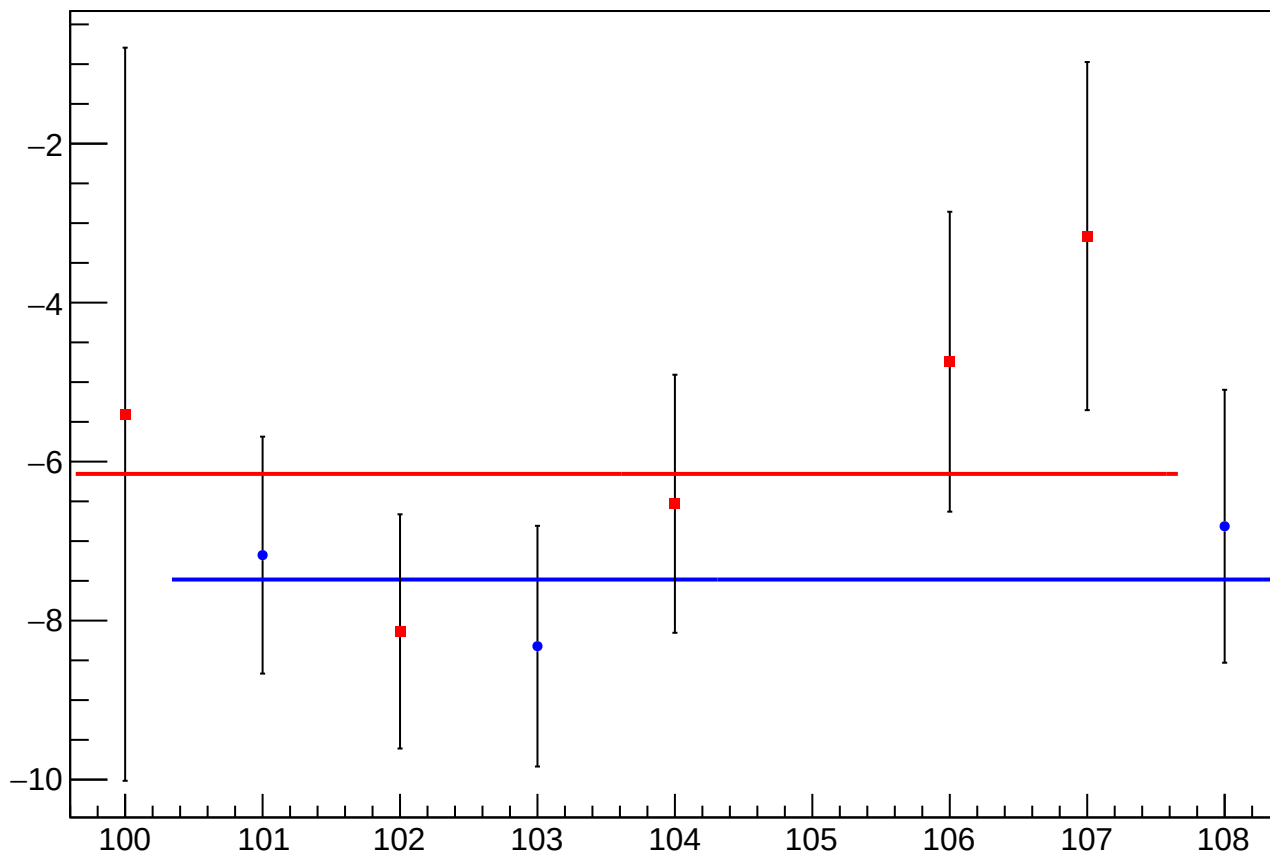
Right: 7334.331+/-2.882 χ^2/NDF : 399666.9/7

In: 8322.174+/-4.608 χ^2/NDF : 21610.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7334.331+/-2.882 χ^2/NDF : 399666.9/7

diff_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -7.483+/-0.903 χ^2/NDF : 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.154+/-0.852 χ^2/NDF : 4.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

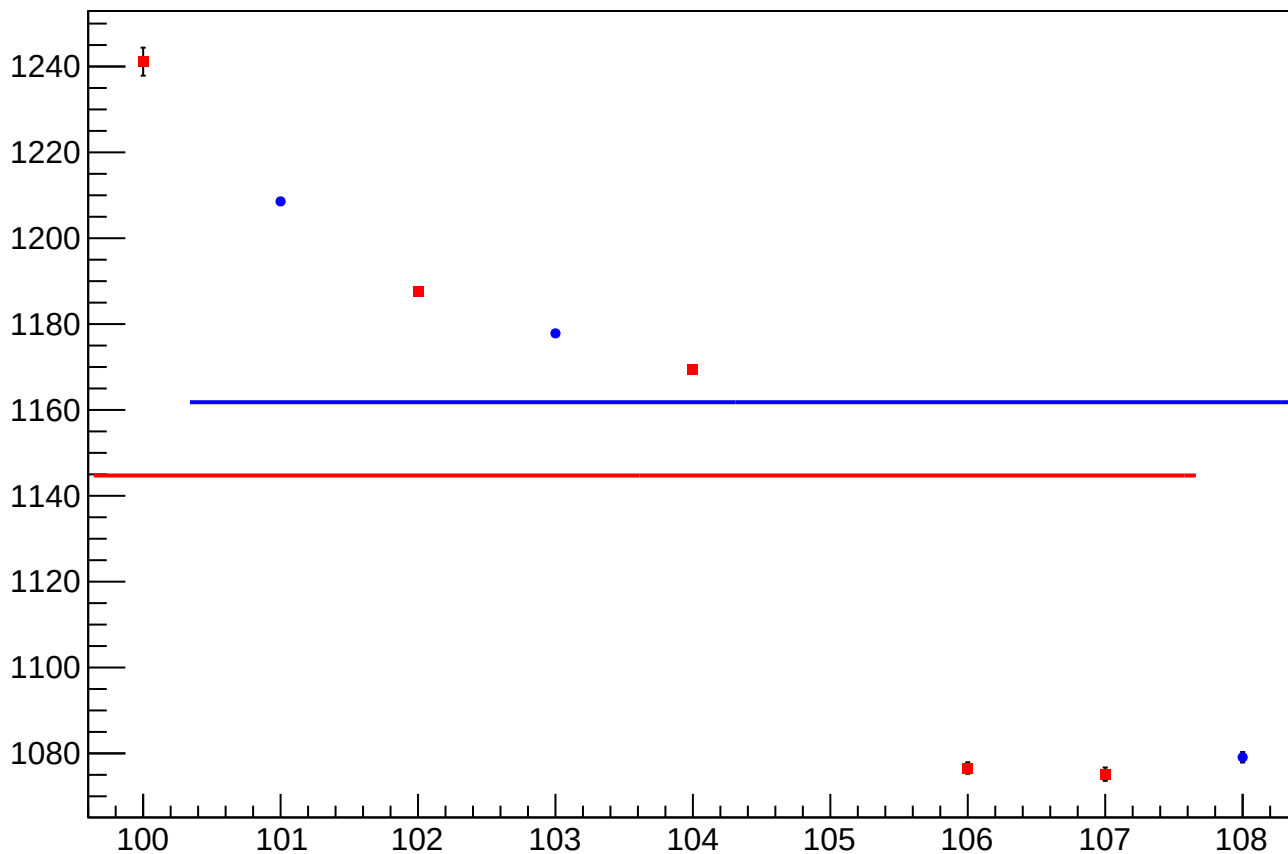
Right: -6.780+/-0.620 χ^2/NDF : 6.0/7

In: -7.483+/-0.903 χ^2/NDF : 0.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.780+/-0.620 χ^2/NDF : 6.0/7

diff_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 1161.796 $\pm$ 0.639 χ^2 /NDF: 6837.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1144.733 $\pm$ 0.603 χ^2 /NDF: 7661.1/4

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

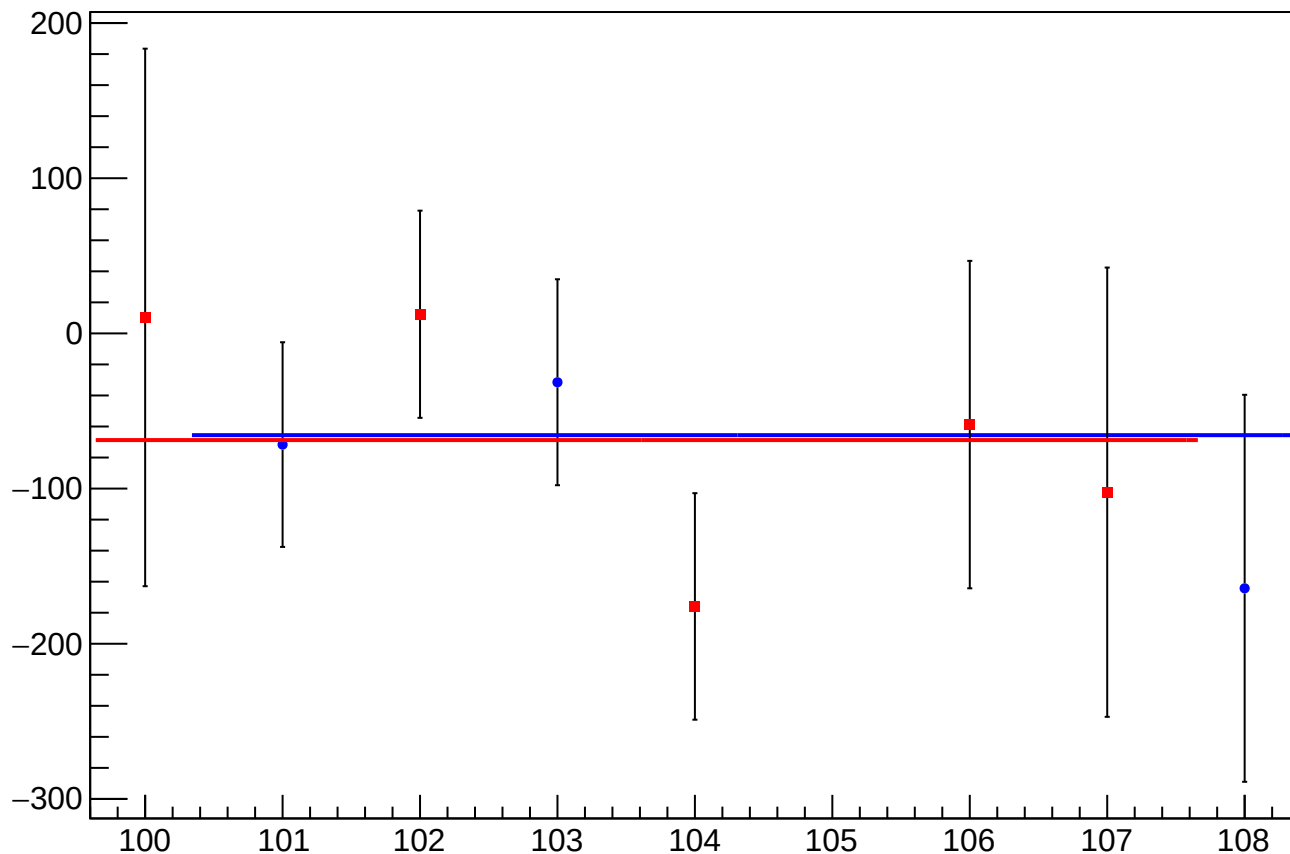
Right: 1152.769 $\pm$ 0.438 χ^2 /NDF: 14875.9/7

In: 1161.796 $\pm$ 0.639 χ^2 /NDF: 6837.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1152.769 $\pm$ 0.438 χ^2 /NDF: 14875.9/7

diff_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -65.581 ± 43.798 χ^2/NDF : 0.9/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -68.749 ± 41.418 χ^2/NDF : 3.9/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

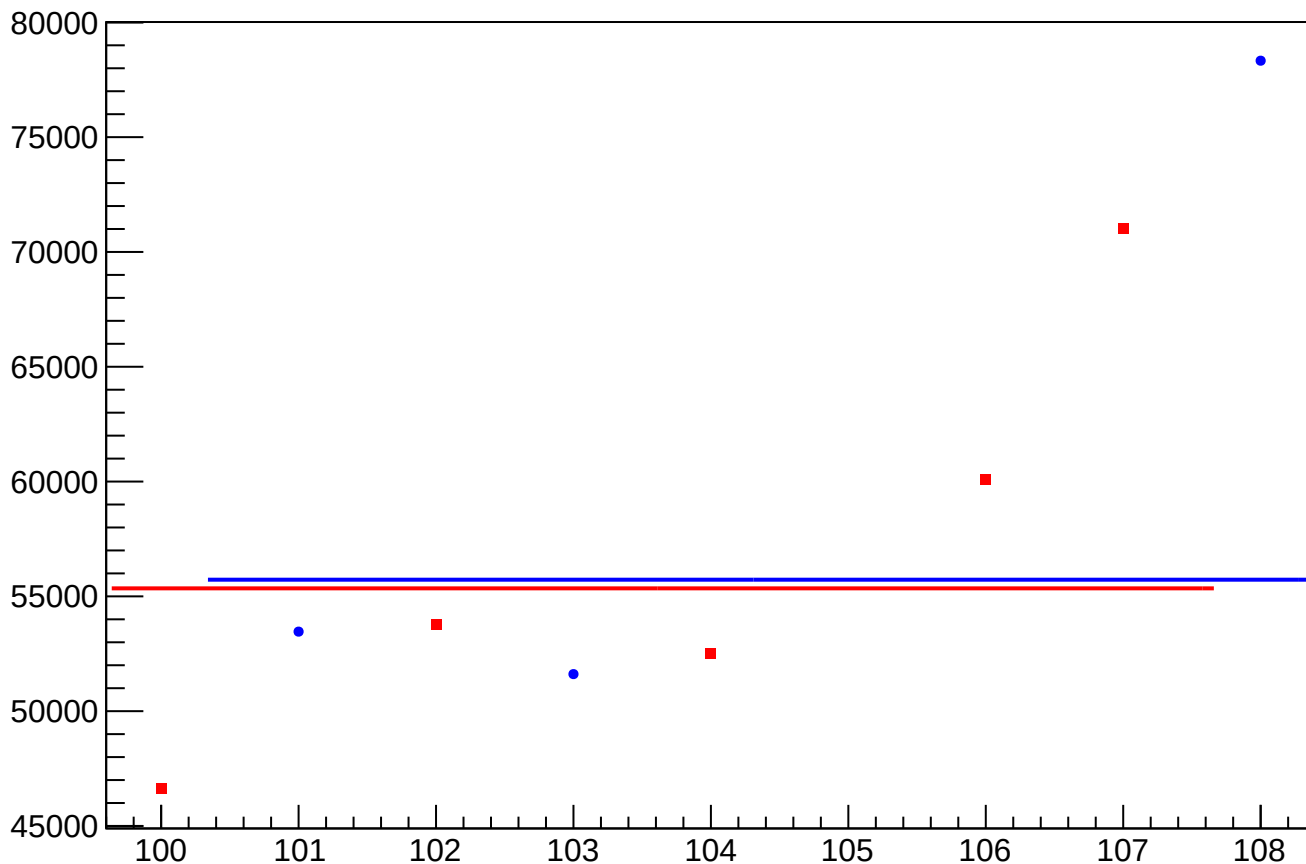
Right: -67.253 ± 30.093 χ^2/NDF : 4.8/7

In: -65.581 ± 43.798 χ^2/NDF : 0.9/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -67.253 ± 30.093 χ^2/NDF : 4.8/7

diff_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 55725.950+/-30.970 χ^2/NDF : 75748.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55348.630+/-29.287 χ^2/NDF : 36715.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

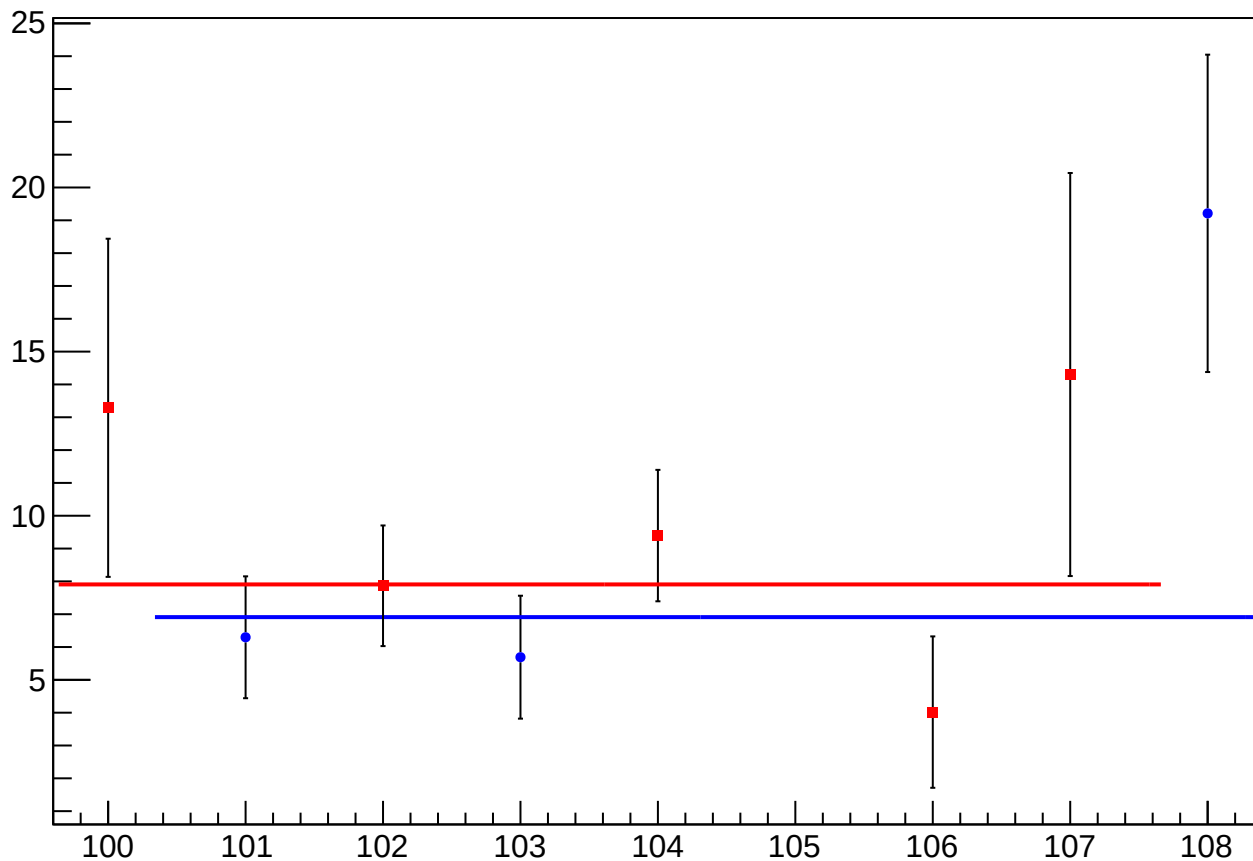
Right: 55526.758+/-21.279 χ^2/NDF : 112542.3/7

In: 55725.950+/-30.970 χ^2/NDF : 75748.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55526.758+/-21.279 χ^2/NDF : 112542.3/7

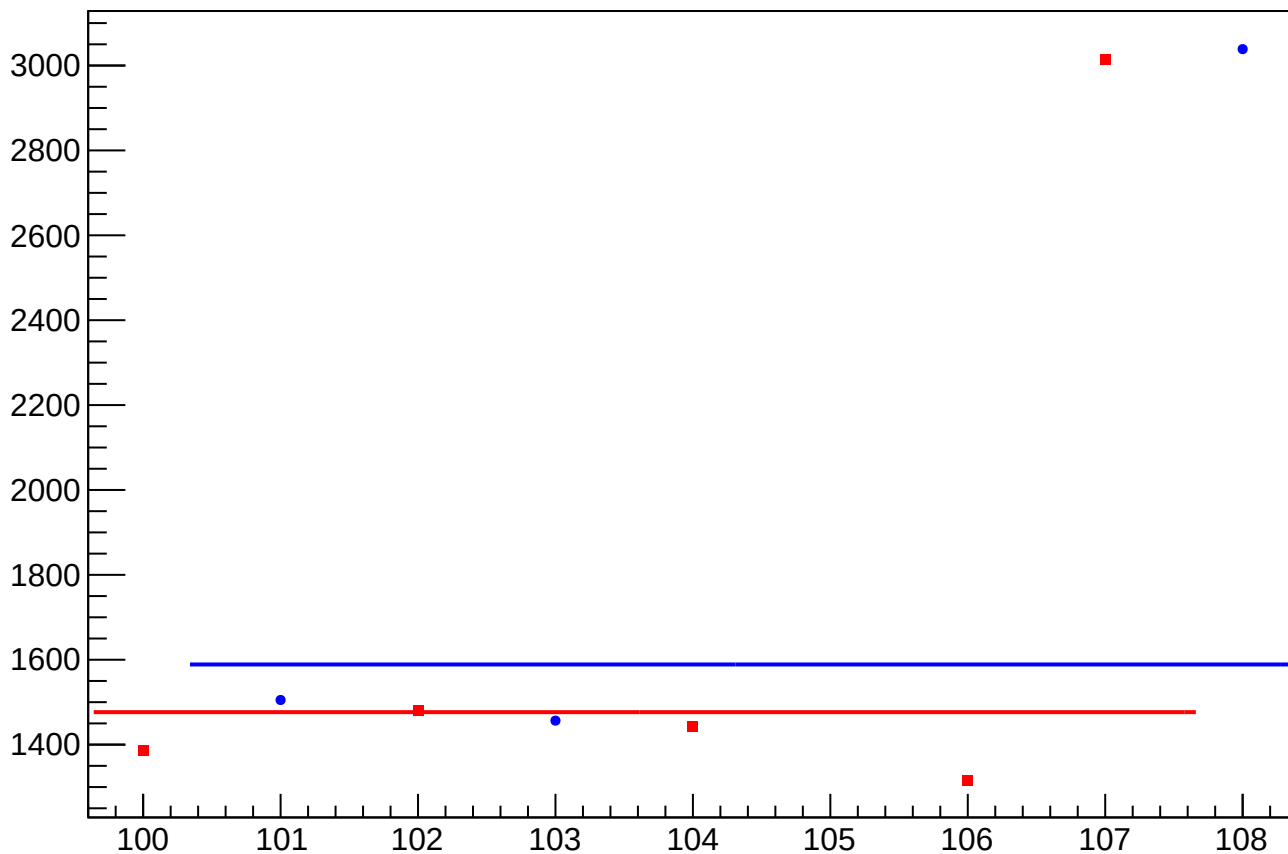
diff_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 6.911 $\pm$ 1.272 χ^2 /NDF: 7.0/2
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Right Out: 7.907 $\pm$ 1.120 χ^2 /NDF: 5.6/4
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: 7.472 $\pm$ 0.840 χ^2 /NDF: 12.9/7
In: 6.911 $\pm$ 1.272 χ^2 /NDF: 7.0/2
Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
All: 7.472 $\pm$ 0.840 χ^2 /NDF: 12.9/7

diff_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 1588.860 $\pm$ 0.899 χ^2/NDF : 193936.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1476.501 $\pm$ 0.792 χ^2/NDF : 136355.7/4

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

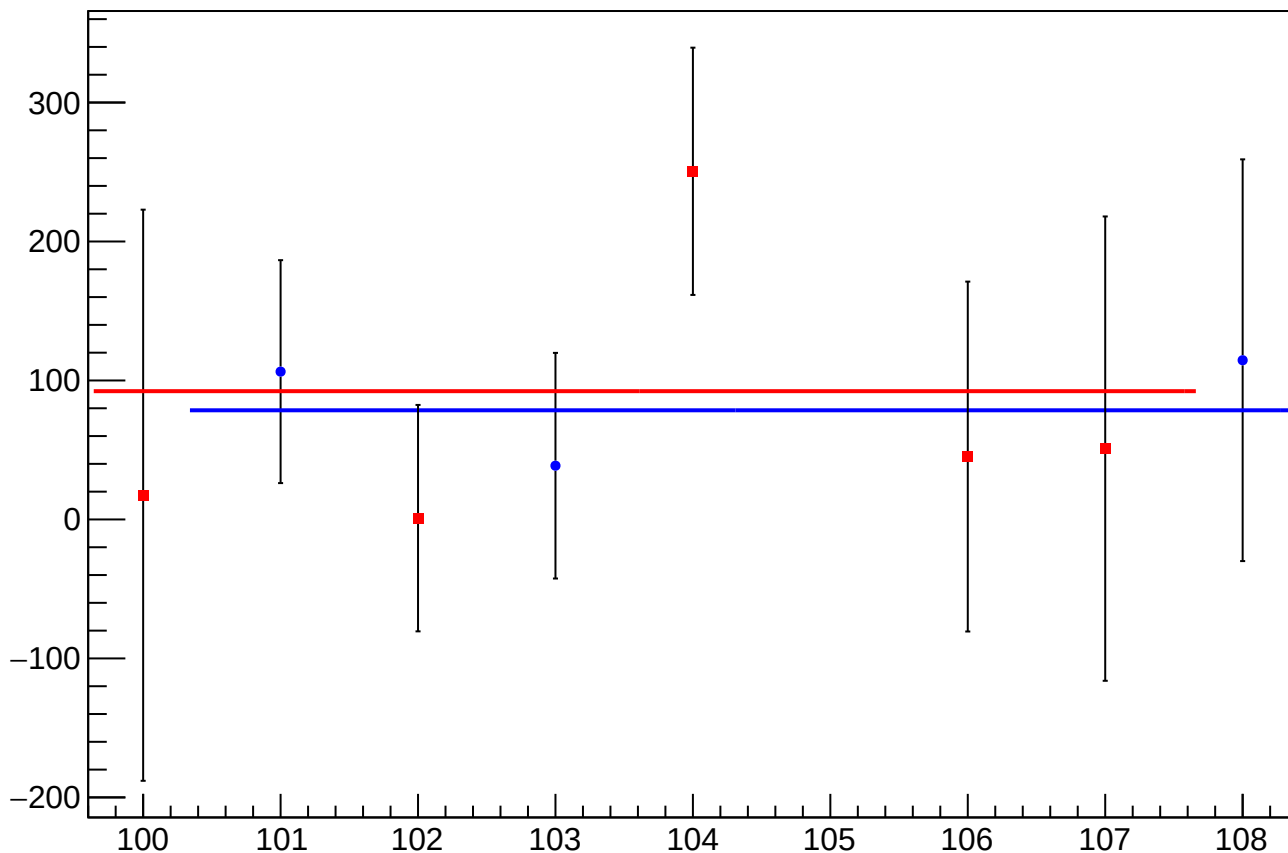
Right: 1525.551 $\pm$ 0.594 χ^2/NDF : 339087.0/7

In: 1588.860 $\pm$ 0.899 χ^2/NDF : 193936.5/2

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1525.551 $\pm$ 0.594 χ^2/NDF : 339087.0/7

diff_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 78.541+/-53.069 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.304+/-50.019 χ^2/NDF : 4.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

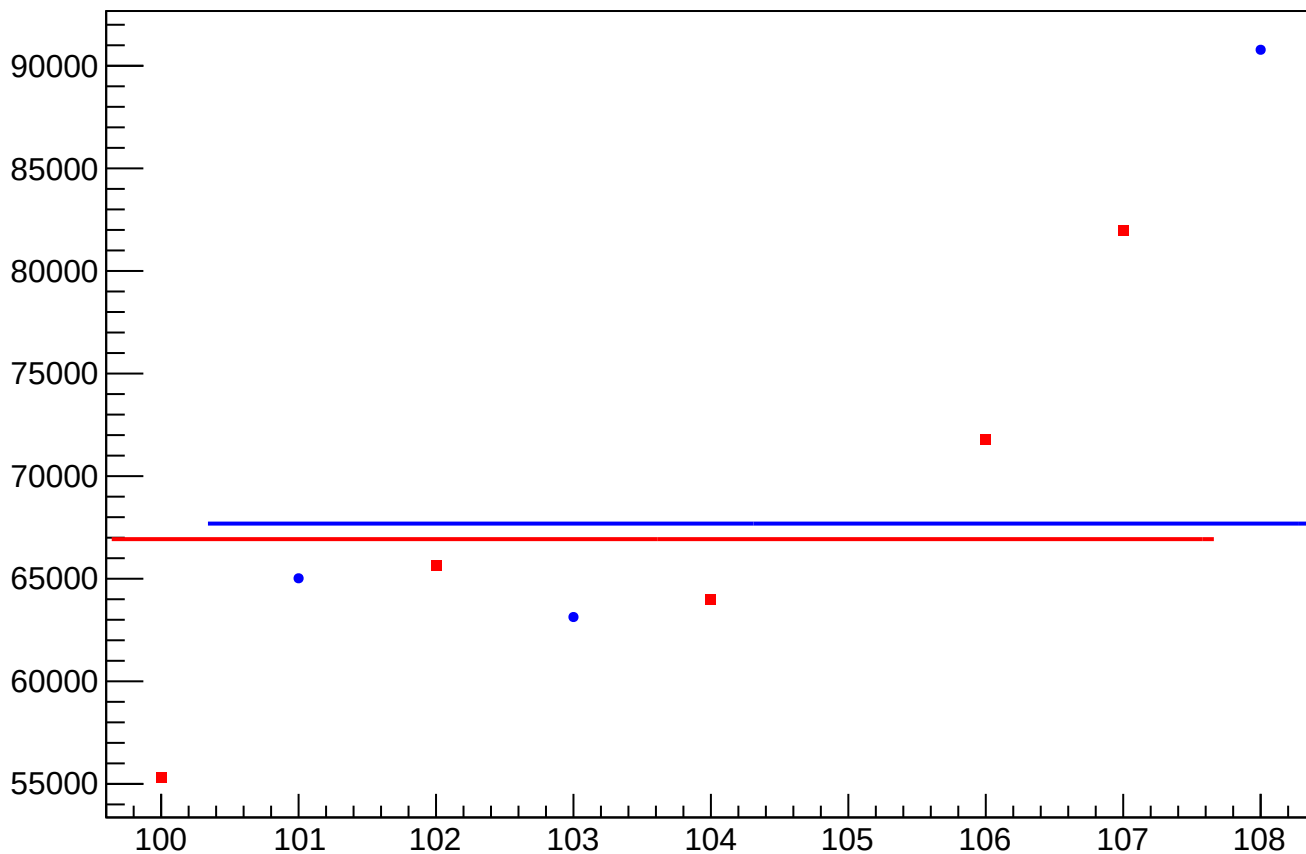
Right: 85.829+/-36.399 χ^2/NDF : 5.2/7

In: 78.541+/-53.069 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.829+/-36.399 χ^2/NDF : 5.2/7

diff_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 67687.559+/-37.525 χ^2/NDF : 59560.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66929.747+/-35.369 χ^2/NDF : 28246.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

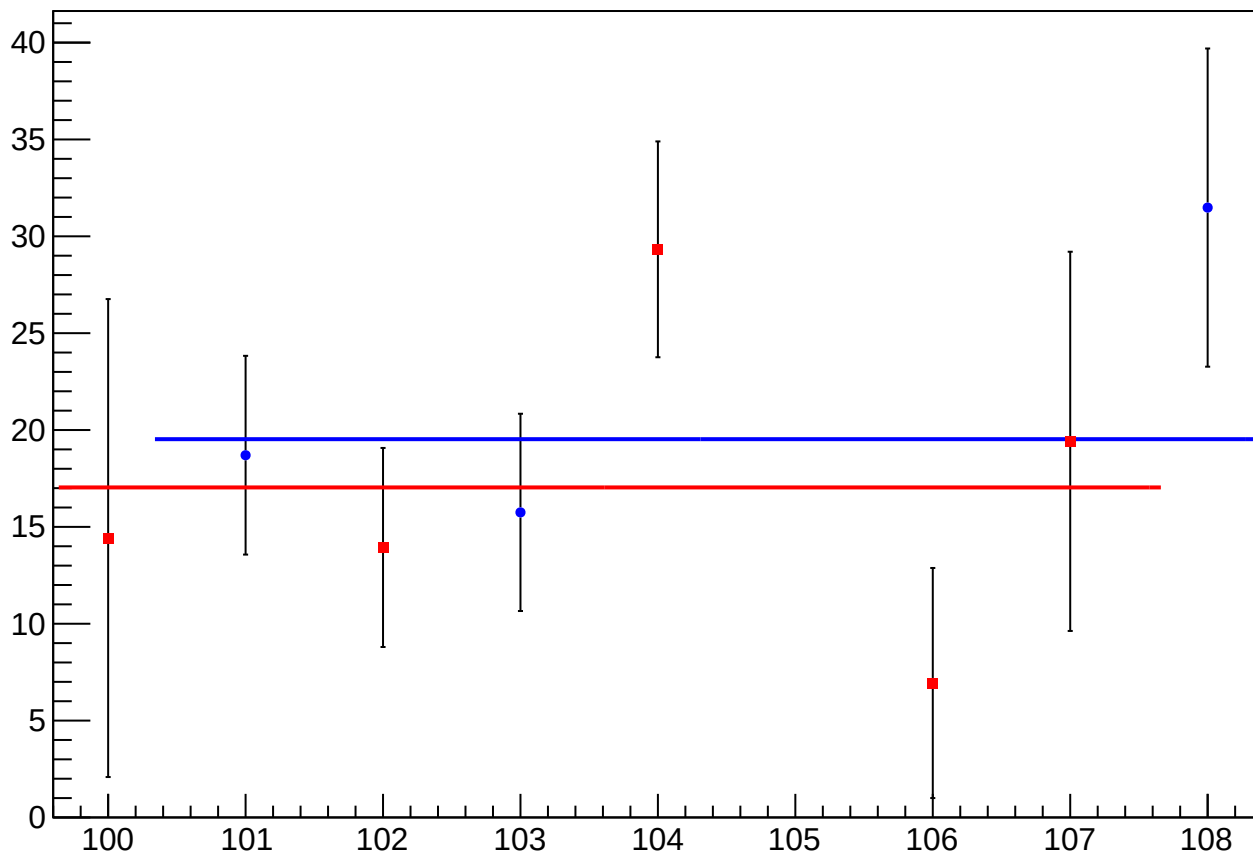
Right: 67286.254+/-25.738 χ^2/NDF : 88022.8/7

In: 67687.559+/-37.525 χ^2/NDF : 59560.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67286.254+/-25.738 χ^2/NDF : 88022.8/7

diff_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 19.528 $\pm$ 3.308 χ^2 /NDF: 2.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.037 $\pm$ 2.943 χ^2 /NDF: 8.2/4

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

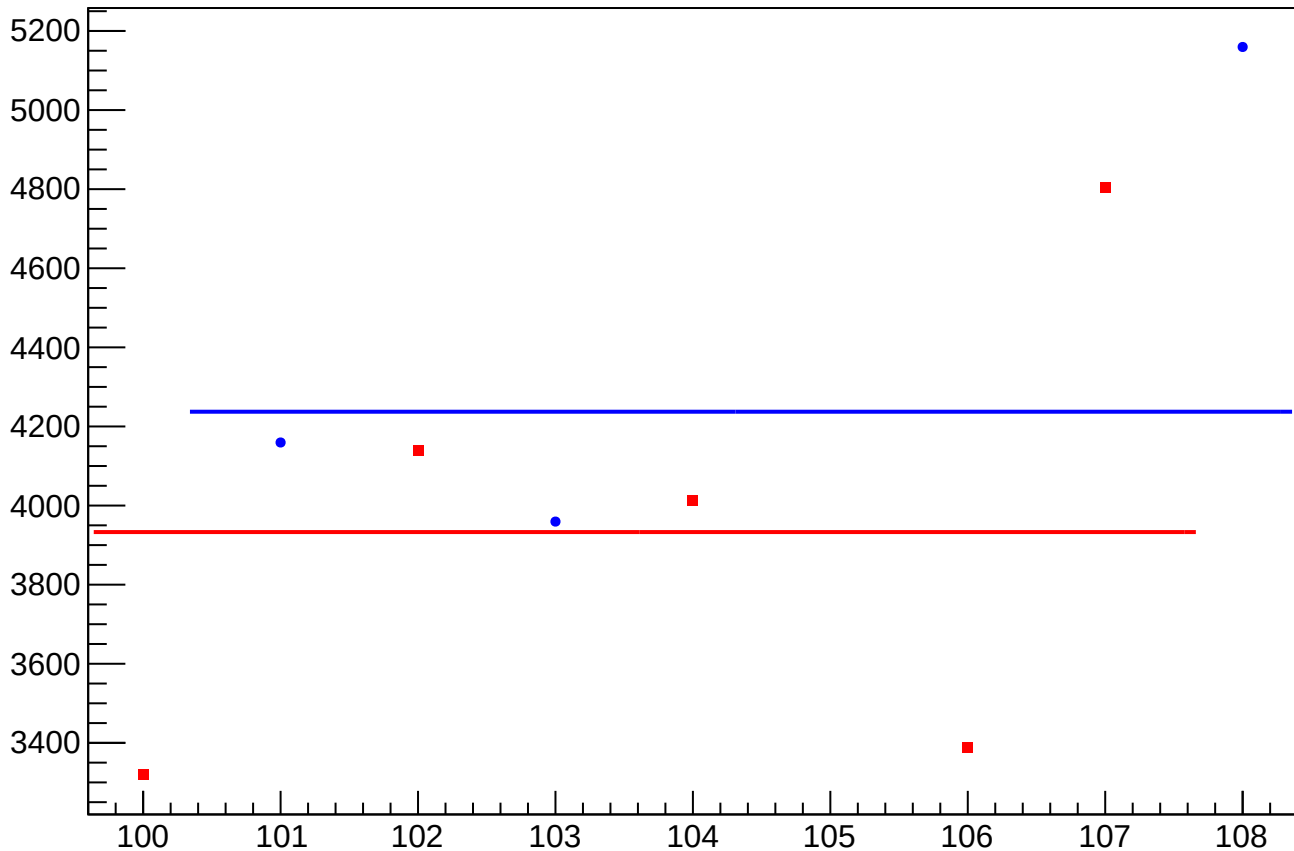
Right: 18.137 $\pm$ 2.199 χ^2 /NDF: 11.2/7

In: 19.528 $\pm$ 3.308 χ^2 /NDF: 2.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.137 $\pm$ 2.199 χ^2 /NDF: 11.2/7

diff_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 4237.291+/-2.339 χ^2/NDF : 31630.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3932.983+/-2.081 χ^2/NDF : 41174.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

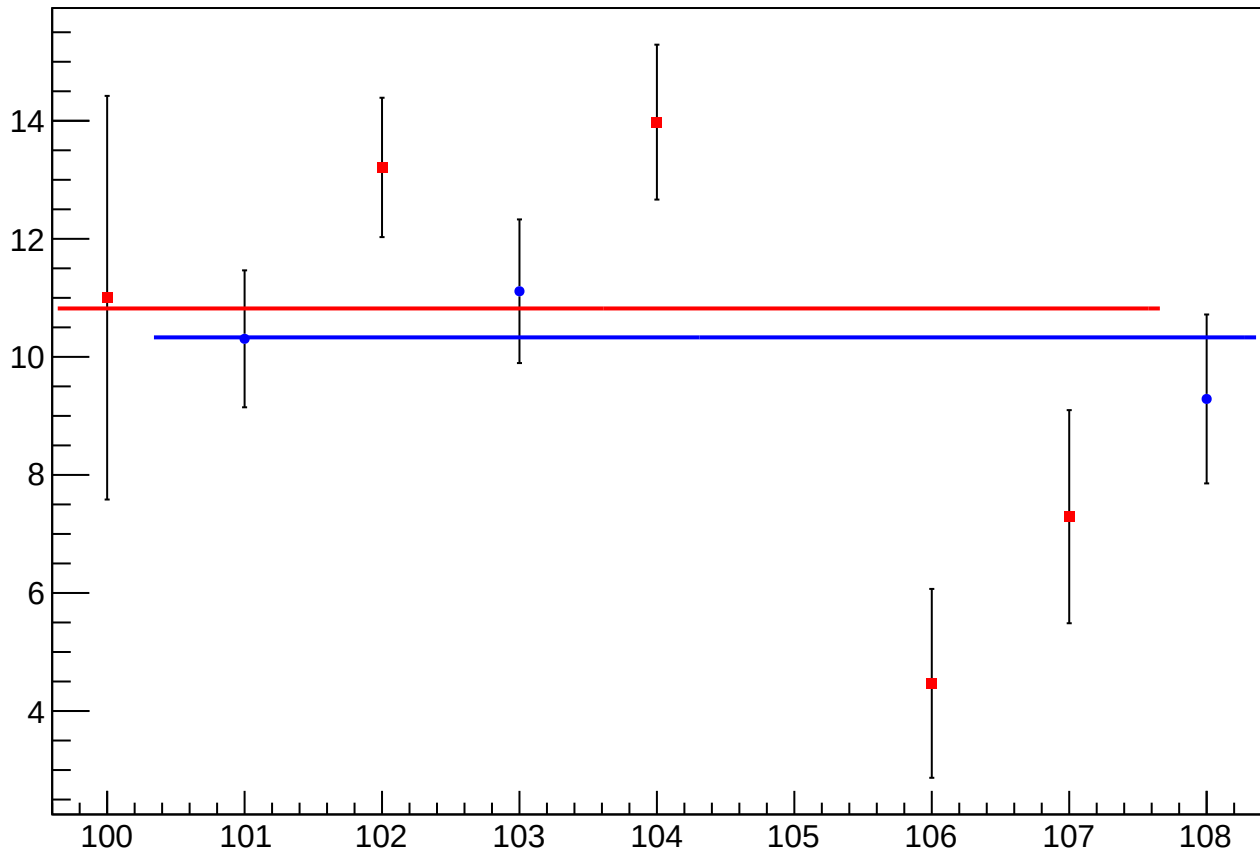
Right: 4067.425+/-1.555 χ^2/NDF : 82253.2/7

In: 4237.291+/-2.339 χ^2/NDF : 31630.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4067.425+/-1.555 χ^2/NDF : 82253.2/7

diff_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 10.330 $\pm$ 0.724 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.820 $\pm$ 0.693 χ^2 /NDF: 29.5/4

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

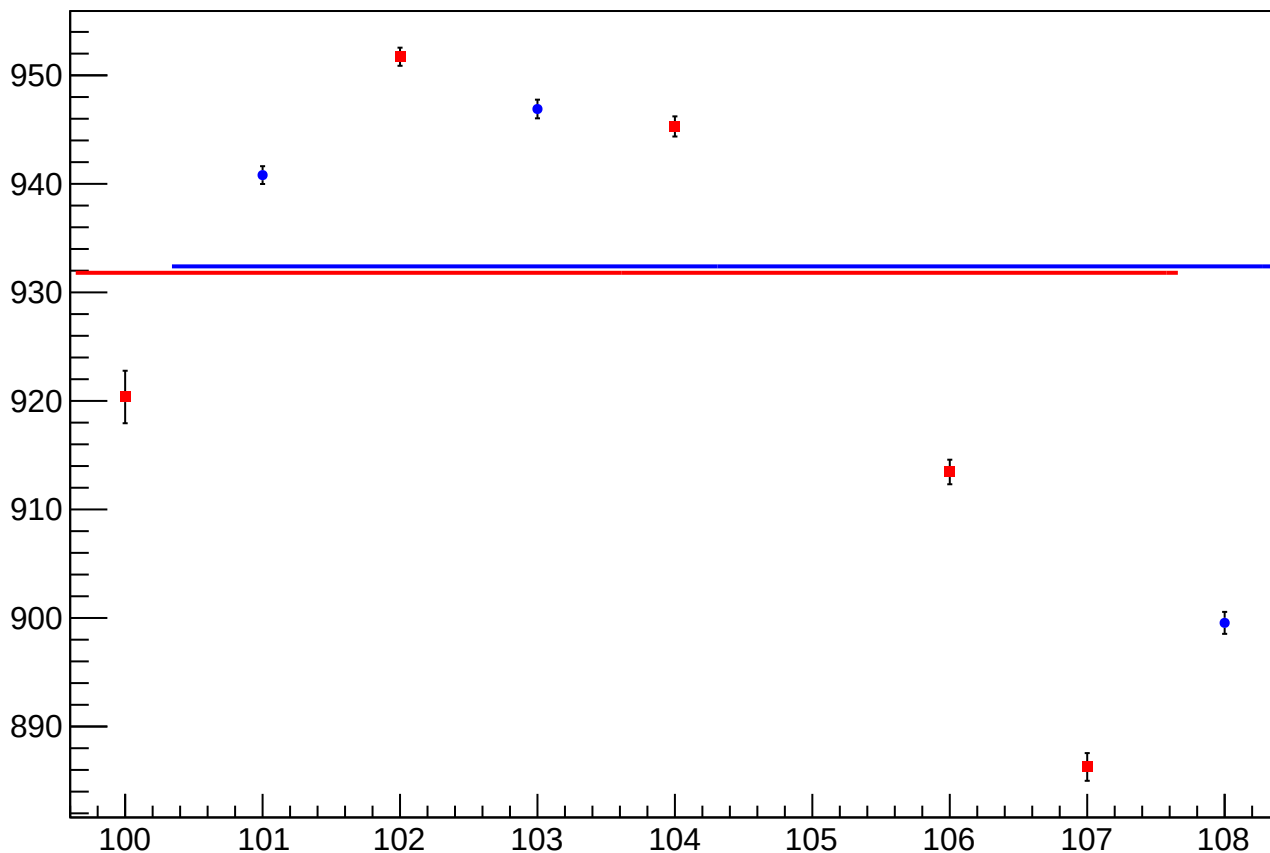
Right: 10.586 $\pm$ 0.501 χ^2 /NDF: 30.6/7

In: 10.330 $\pm$ 0.724 χ^2 /NDF: 0.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.586 $\pm$ 0.501 χ^2 /NDF: 30.6/7

diff_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 932.396 $\pm$ 0.512 χ^2 /NDF: 1442.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 931.805 $\pm$ 0.490 χ^2 /NDF: 2337.6/4

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

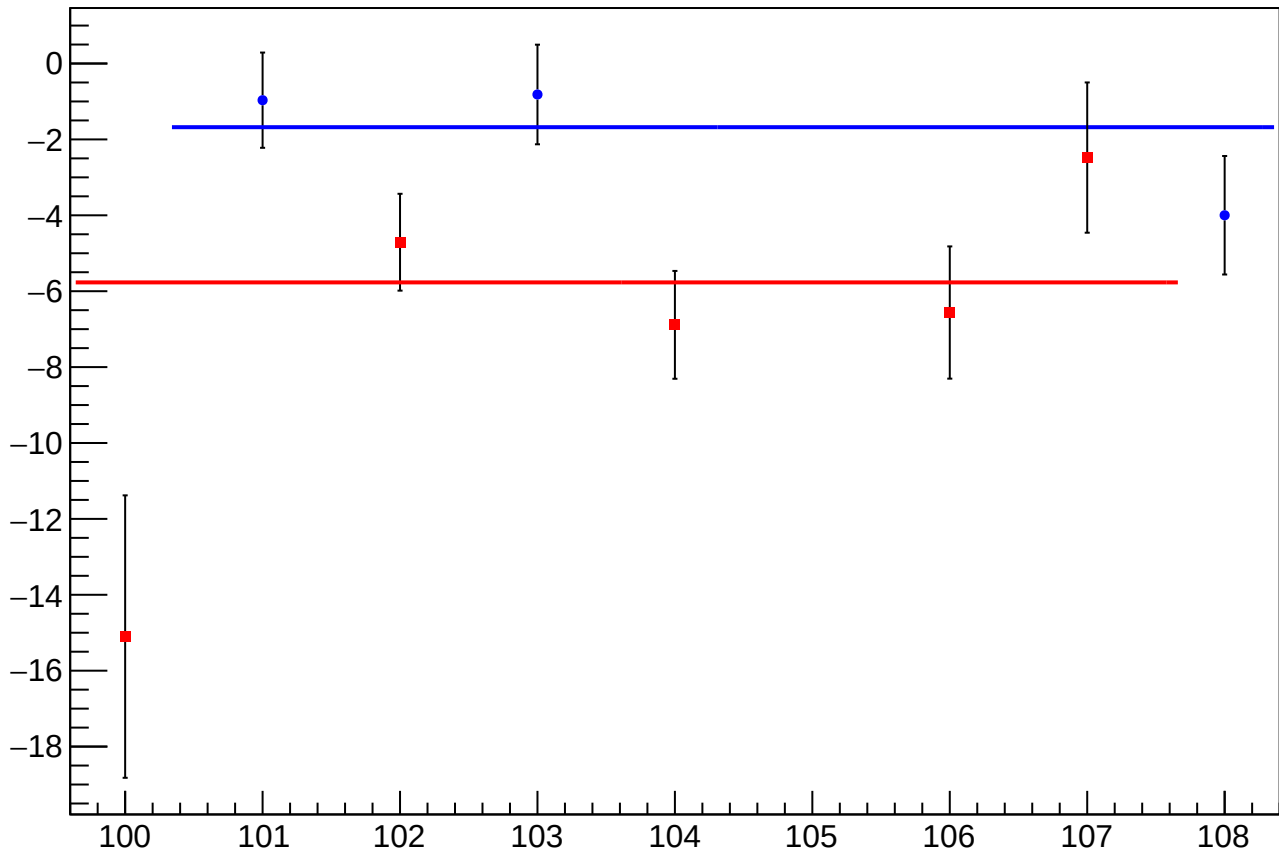
Right: 932.088 $\pm$ 0.354 χ^2 /NDF: 3781.1/7

In: 932.396 $\pm$ 0.512 χ^2 /NDF:1442.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 932.088 $\pm$ 0.354 χ^2 /NDF: 3781.1/7

diff_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -1.678+/-0.784 χ^2 /NDF: 3.0/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -5.768+/-0.752 χ^2 /NDF: 10.6/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

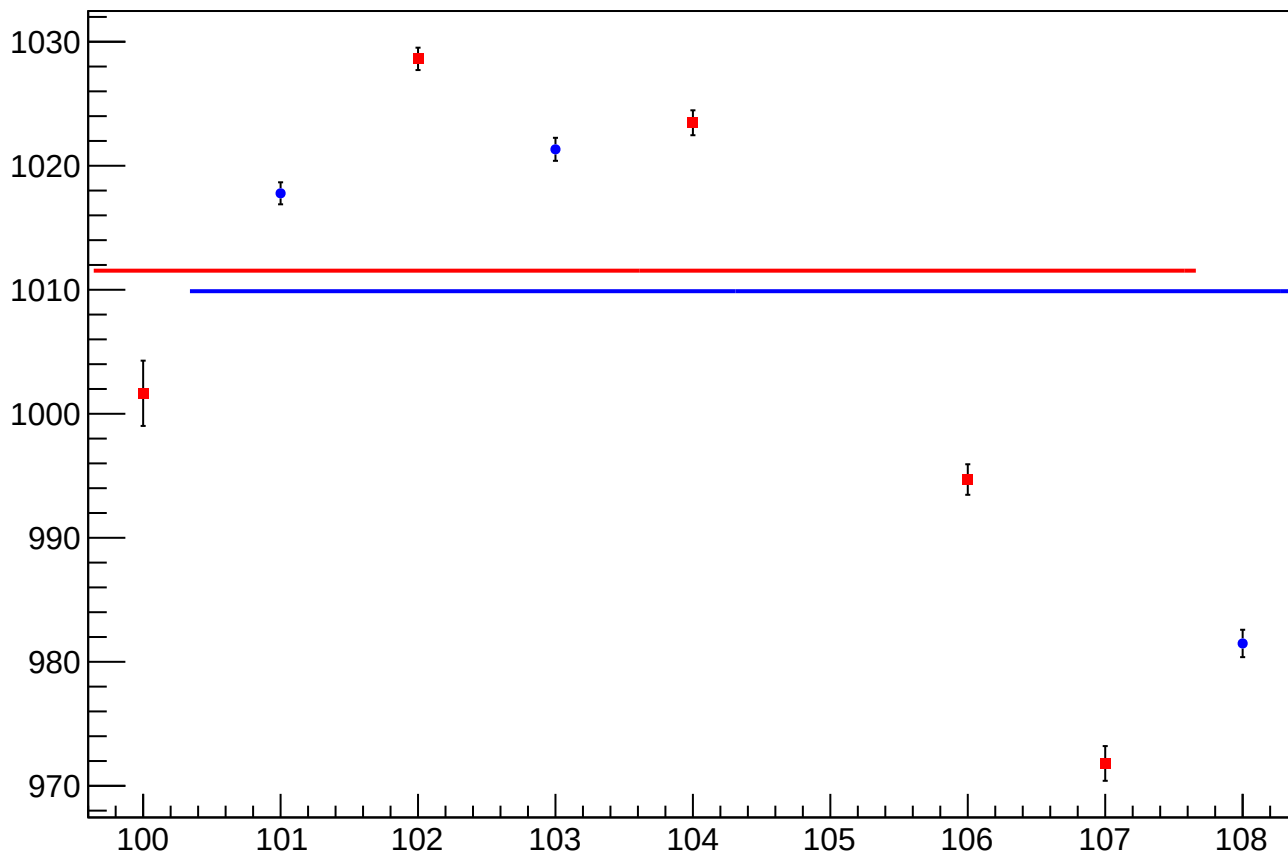
Right: -3.808+/-0.543 χ^2 /NDF: 27.7/7

In: -1.678+/-0.784 χ^2 /NDF:3.0/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -3.808+/-0.543 χ^2 /NDF: 27.7/7

diff_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 1009.885 $\pm$ 0.555 χ^2 /NDF: 892.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1011.540 $\pm$ 0.532 χ^2 /NDF: 1505.9/4

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

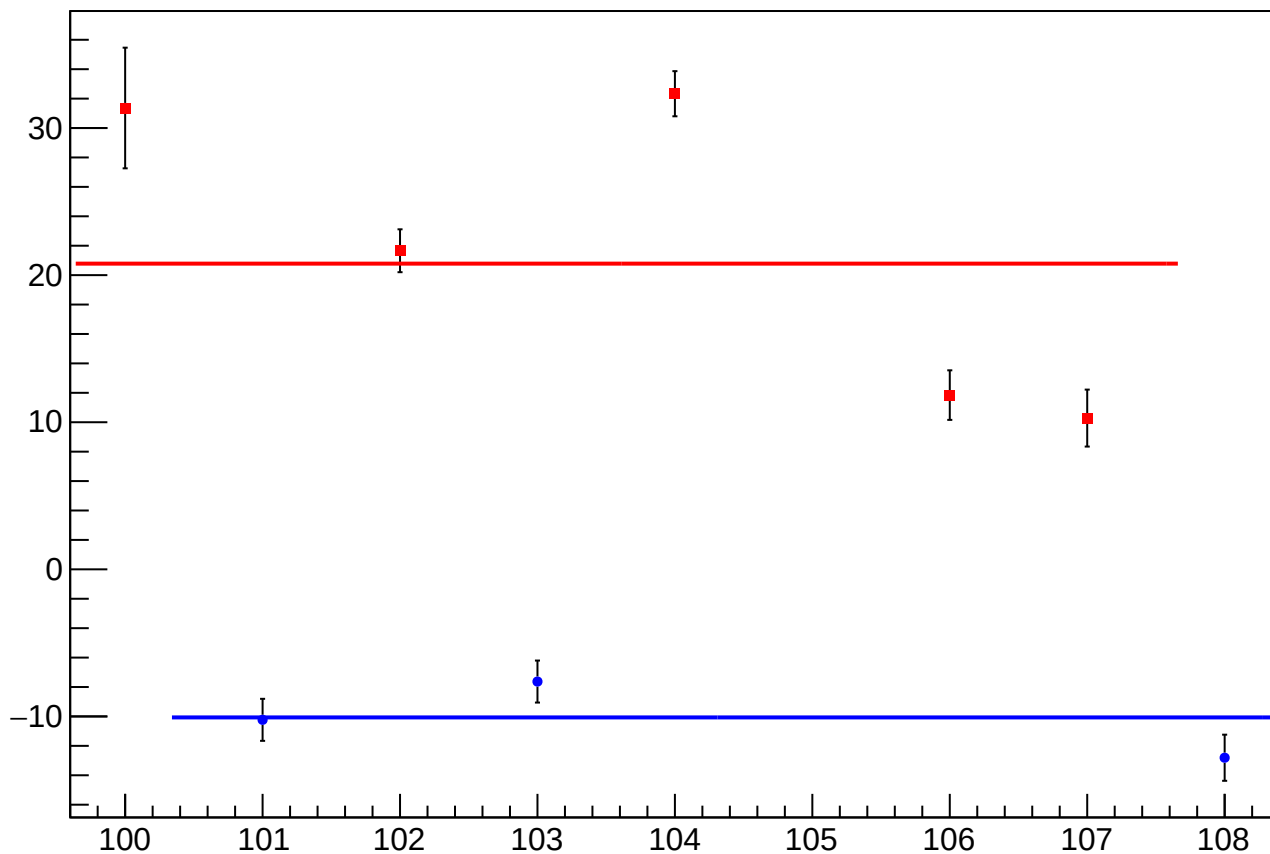
Right: 1010.747 $\pm$ 0.384 χ^2 /NDF: 2403.3/7

In: 1009.885 $\pm$ 0.555 χ^2 /NDF:892.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1010.747 $\pm$ 0.384 χ^2 /NDF: 2403.3/7

diff_bpm2i02X_mean vs Slug, Sign Corrected



Right In: -10.067 ± 0.849 $\chi^2/\text{NDF}: 6.0/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 20.782 ± 0.797 $\chi^2/\text{NDF}: 121.2/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

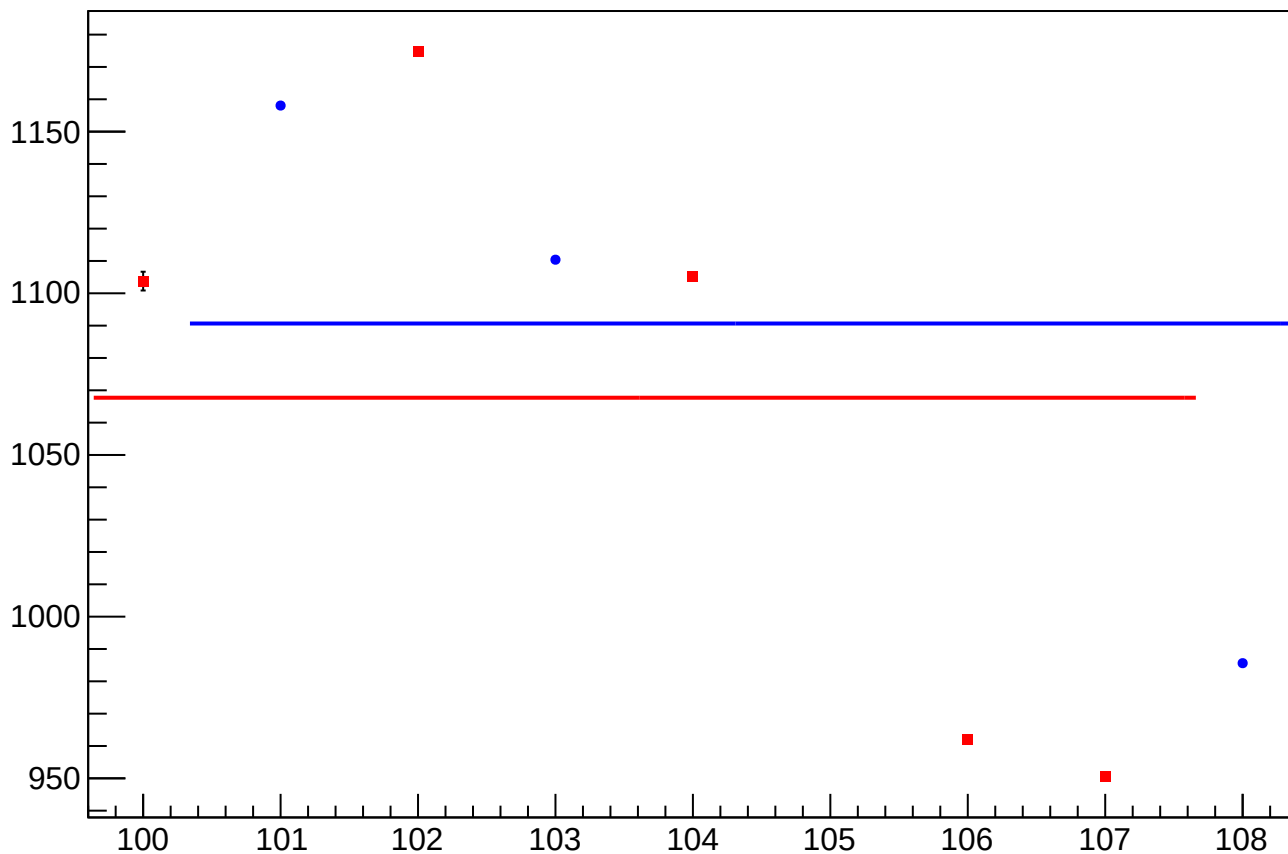
Right: 6.328 ± 0.581 $\chi^2/\text{NDF}: 829.0/7$

In: -10.067 ± 0.849 $\chi^2/\text{NDF}: 6.0/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 6.328 ± 0.581 $\chi^2/\text{NDF}: 829.0/7$

diff_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 1090.655+/-0.600 χ^2/NDF : 13813.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1067.705+/-0.564 χ^2/NDF : 27362.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

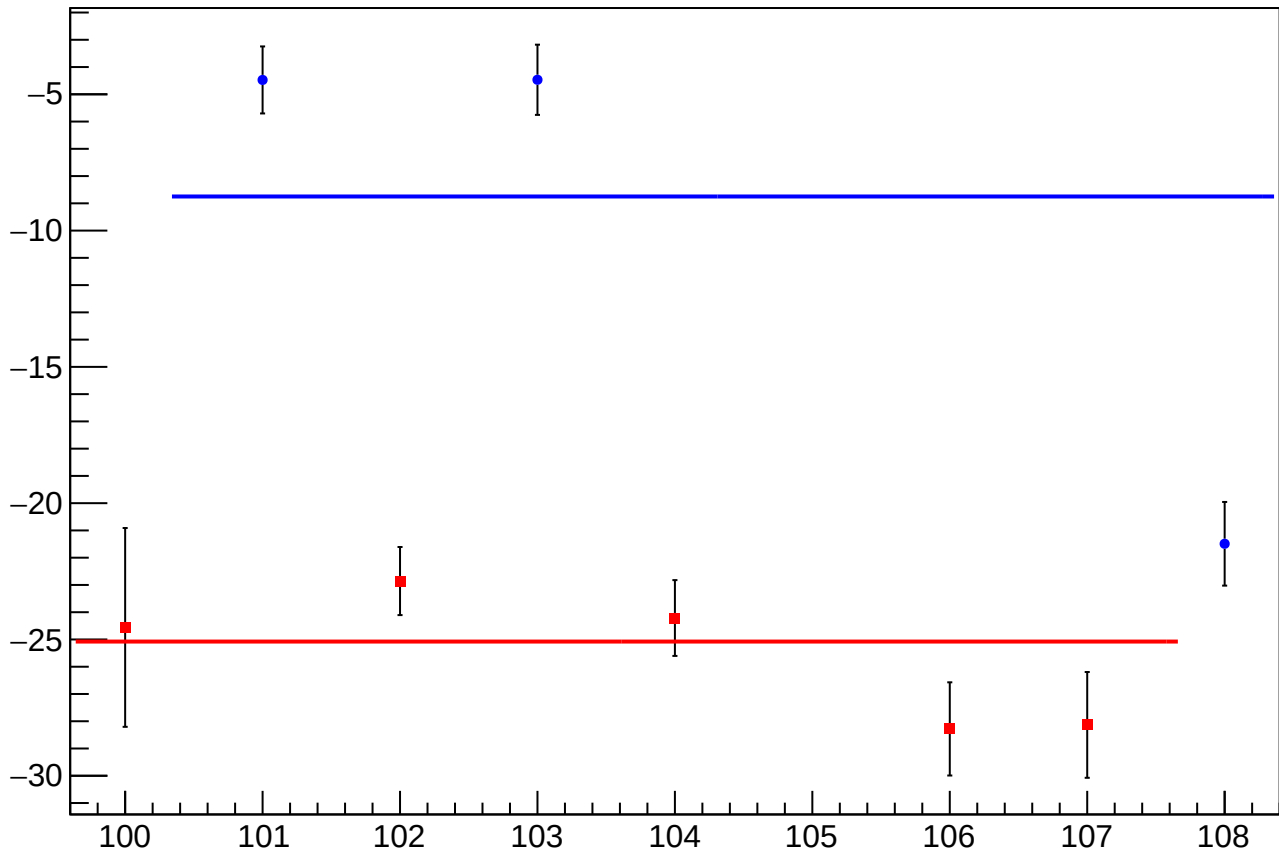
Right: 1078.458+/-0.411 χ^2/NDF : 41952.7/7

In: 1090.655+/-0.600 χ^2/NDF : 13813.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1078.458+/-0.411 χ^2/NDF : 41952.7/7

diff_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -8.749+/-0.769 χ^2/NDF : 92.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.077+/-0.737 χ^2/NDF : 9.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

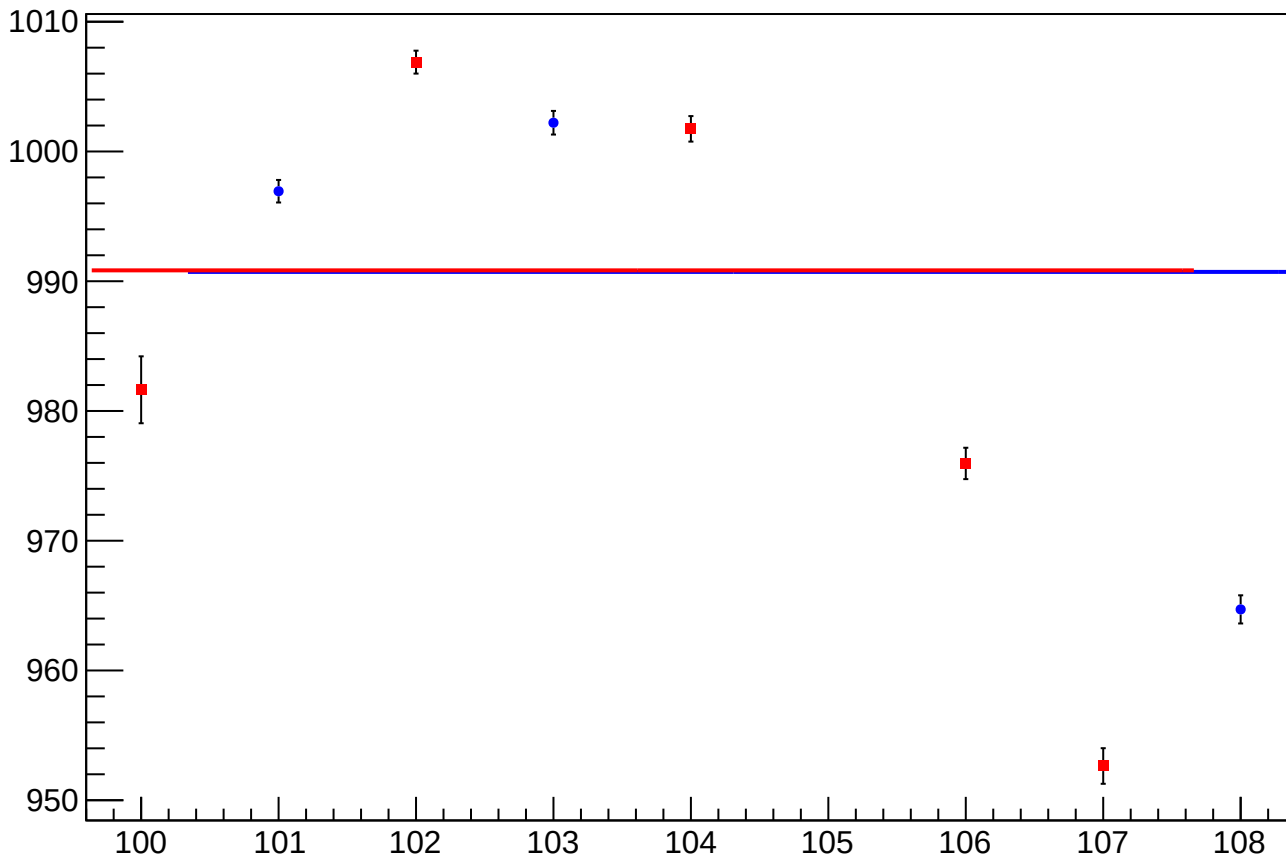
Right: -17.265+/-0.532 χ^2/NDF : 336.5/7

In: -8.749+/-0.769 χ^2/NDF : 92.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.265+/-0.532 χ^2/NDF : 336.5/7

diff_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 990.719+/-0.544 χ^2/NDF : 785.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 990.838+/-0.521 χ^2/NDF : 1392.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

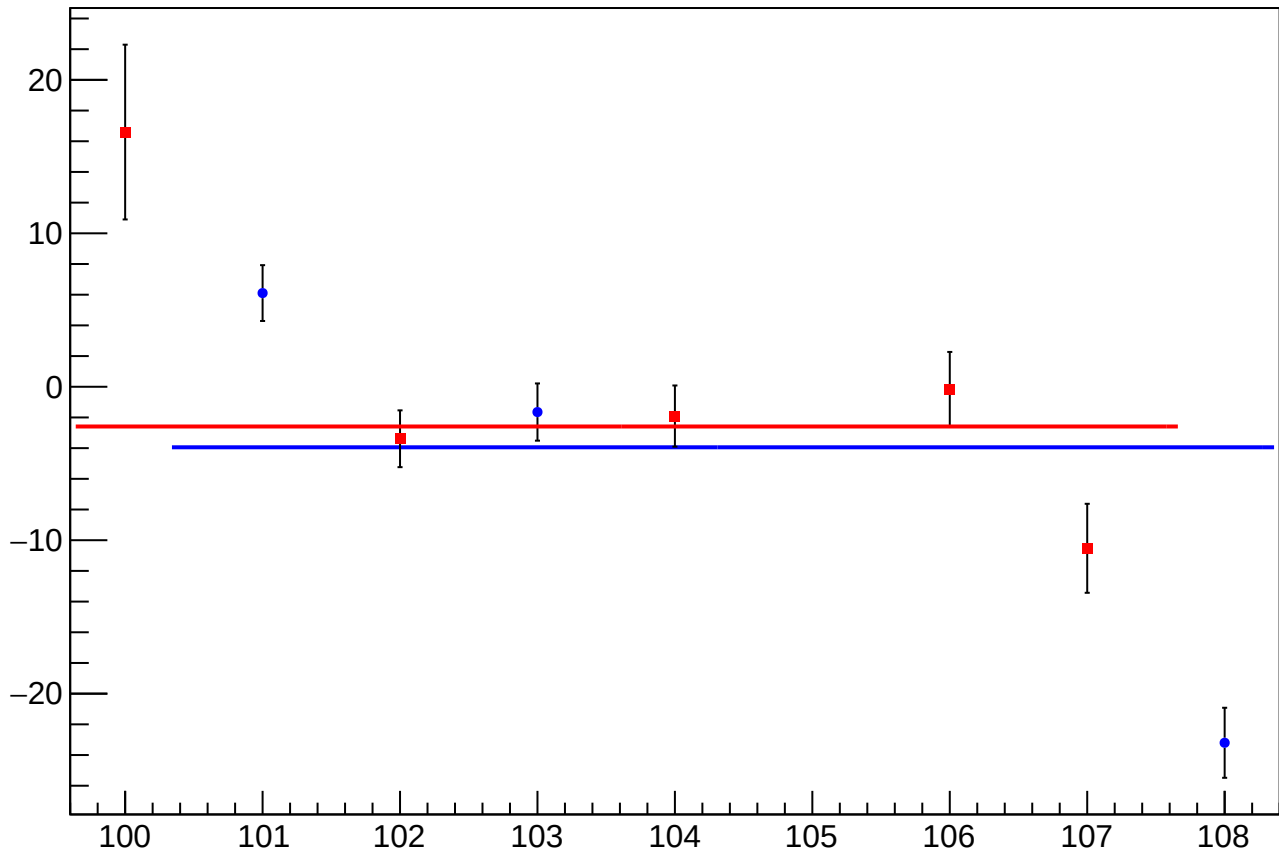
Right: 990.781+/-0.376 χ^2/NDF : 2177.7/7

In: 990.719+/-0.544 χ^2/NDF : 785.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 990.781+/-0.376 χ^2/NDF : 2177.7/7

diff_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -3.945+/-1.131 χ^2/NDF : 103.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.589+/-1.076 χ^2/NDF : 20.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

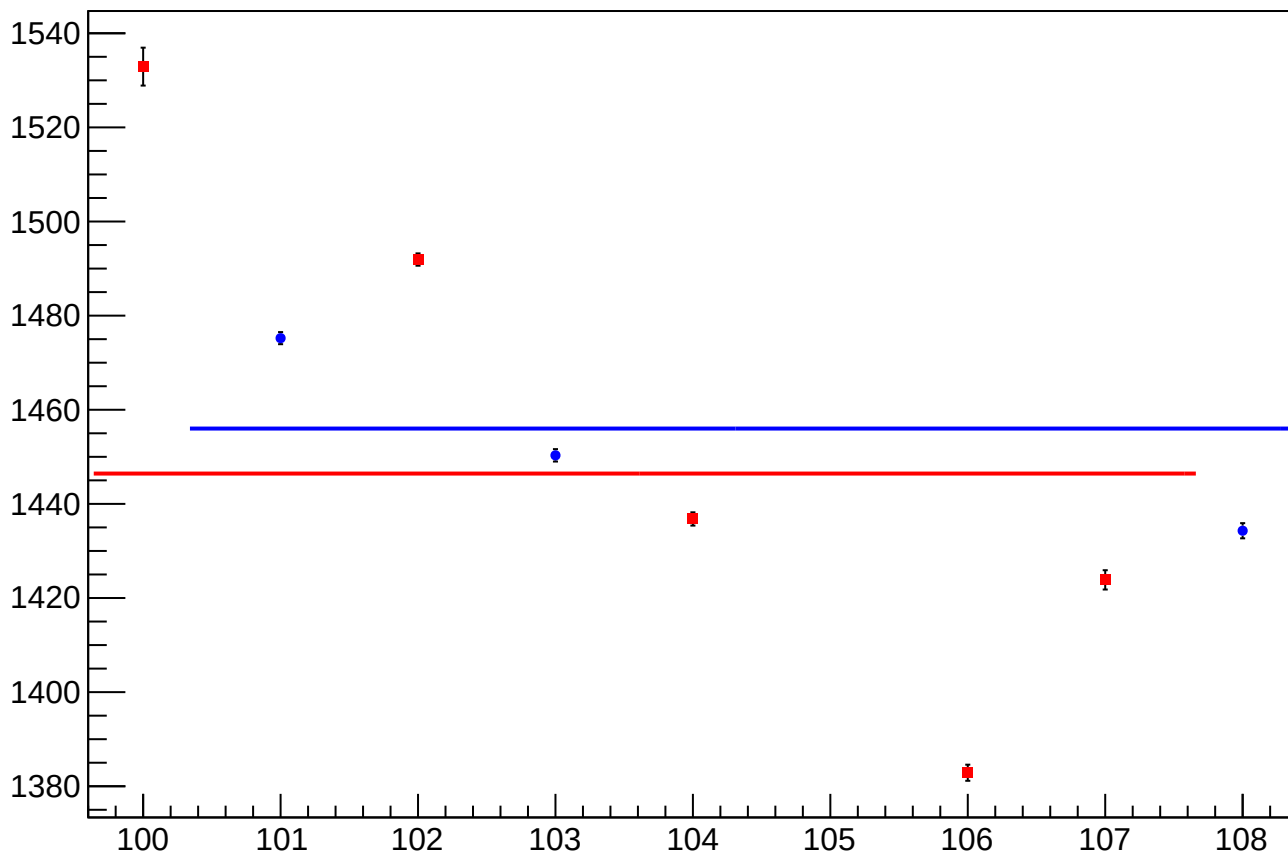
Right: -3.233+/-0.780 χ^2/NDF : 124.2/7

In: -3.945+/-1.131 χ^2/NDF : 103.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.233+/-0.780 χ^2/NDF : 124.2/7

diff_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 1456.007 $\pm$ 0.800 χ^2 /NDF: 422.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1446.444 $\pm$ 0.761 χ^2 /NDF: 3214.0/4

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

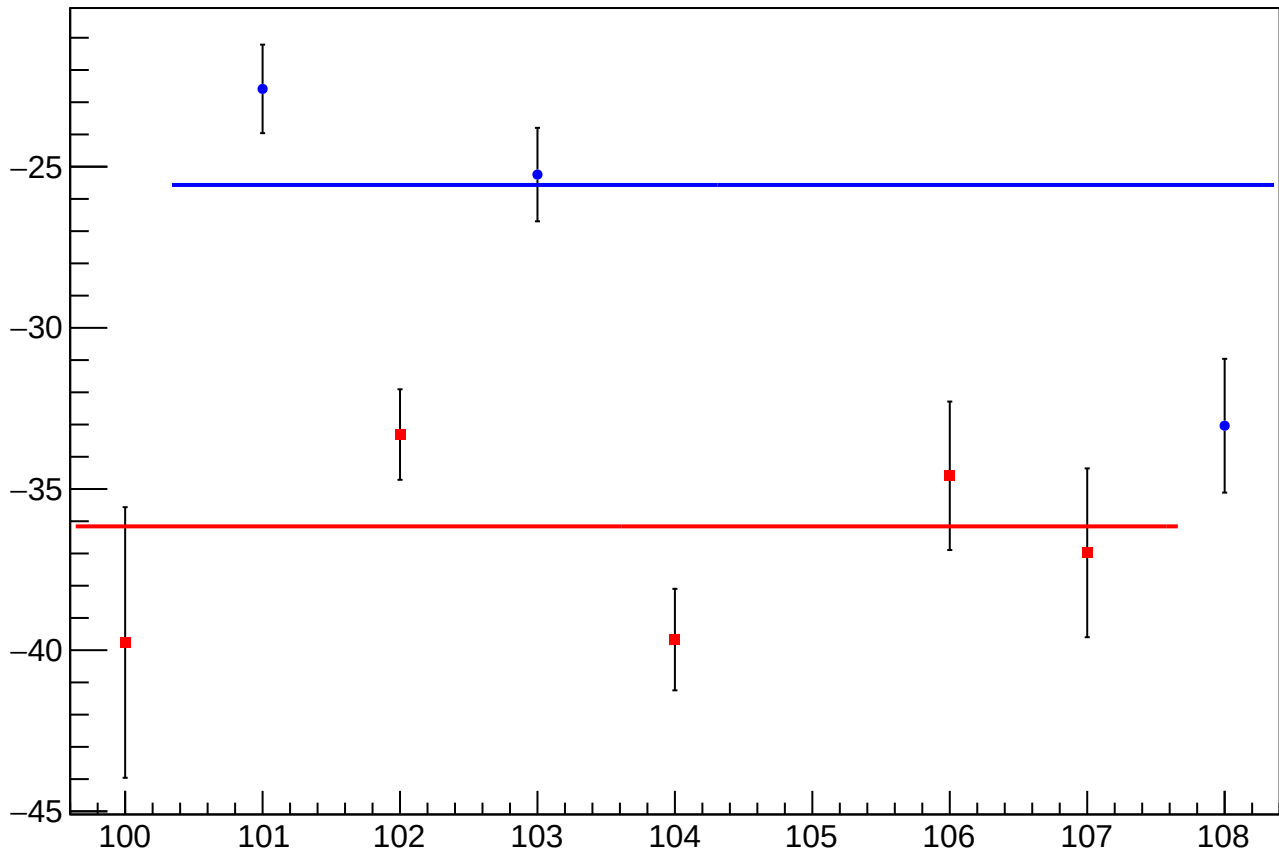
Right: 1450.988 $\pm$ 0.551 χ^2 /NDF: 3711.8/7

In: 1456.007 $\pm$ 0.800 χ^2 /NDF:422.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1450.988 $\pm$ 0.551 χ^2 /NDF: 3711.8/7

diff_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -25.567 $\pm$ 0.899 χ^2 /NDF: 17.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -36.159 $\pm$ 0.877 χ^2 /NDF: 10.4/4

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

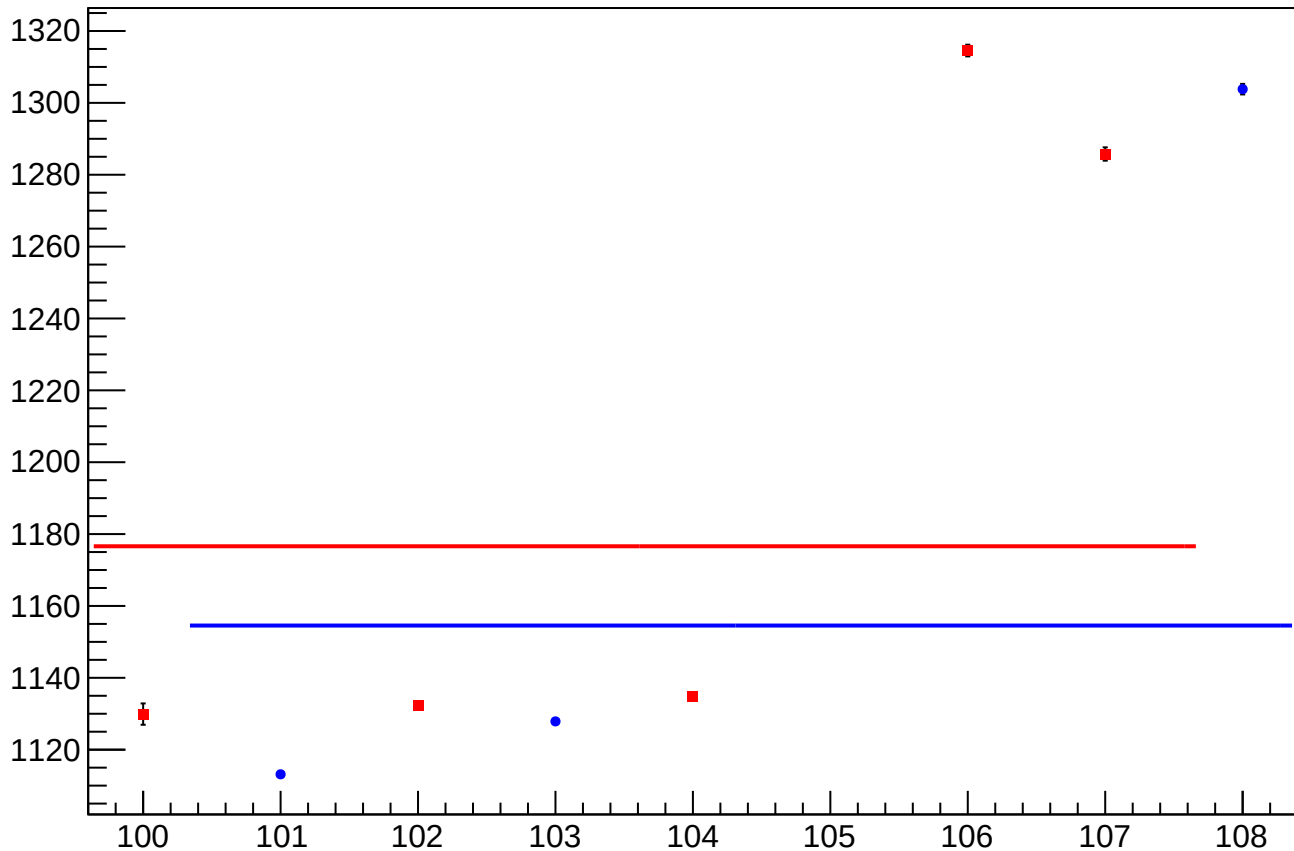
Right: -30.993 $\pm$ 0.627 χ^2 /NDF: 99.3/7

In: -25.567 $\pm$ 0.899 χ^2 /NDF:17.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -30.993 $\pm$ 0.627 χ^2 /NDF: 99.3/7

diff_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 1154.545 $\pm$ 0.635 χ^2 /NDF: 12843.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1176.607 $\pm$ 0.620 χ^2 /NDF: 14292.4/4

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

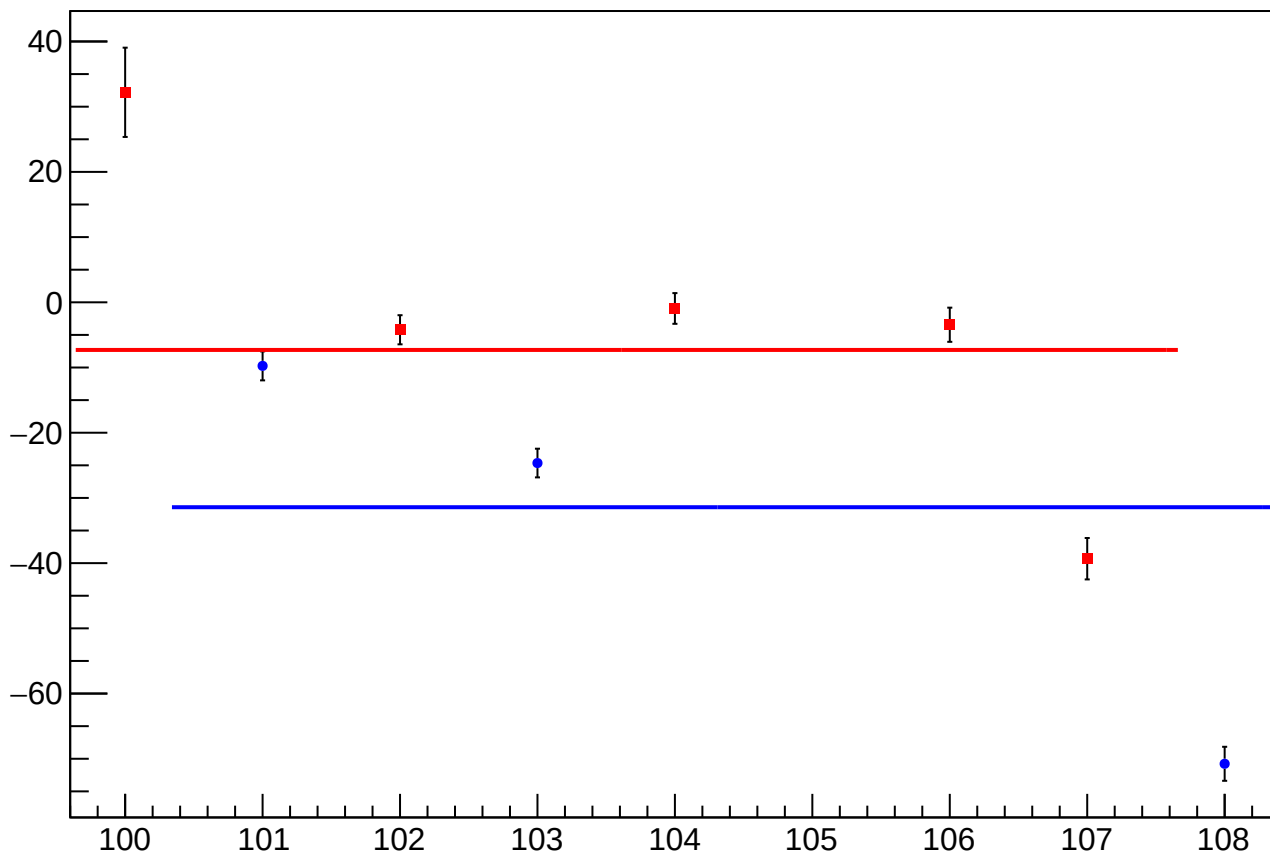
Right: 1165.847 $\pm$ 0.444 χ^2 /NDF: 27754.1/7

In: 1154.545 $\pm$ 0.635 χ^2 /NDF: 12843.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1165.847 $\pm$ 0.444 χ^2 /NDF: 27754.1/7

diff_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: -31.423+/-1.341 χ^2/NDF : 332.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.305+/-1.243 χ^2/NDF : 146.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

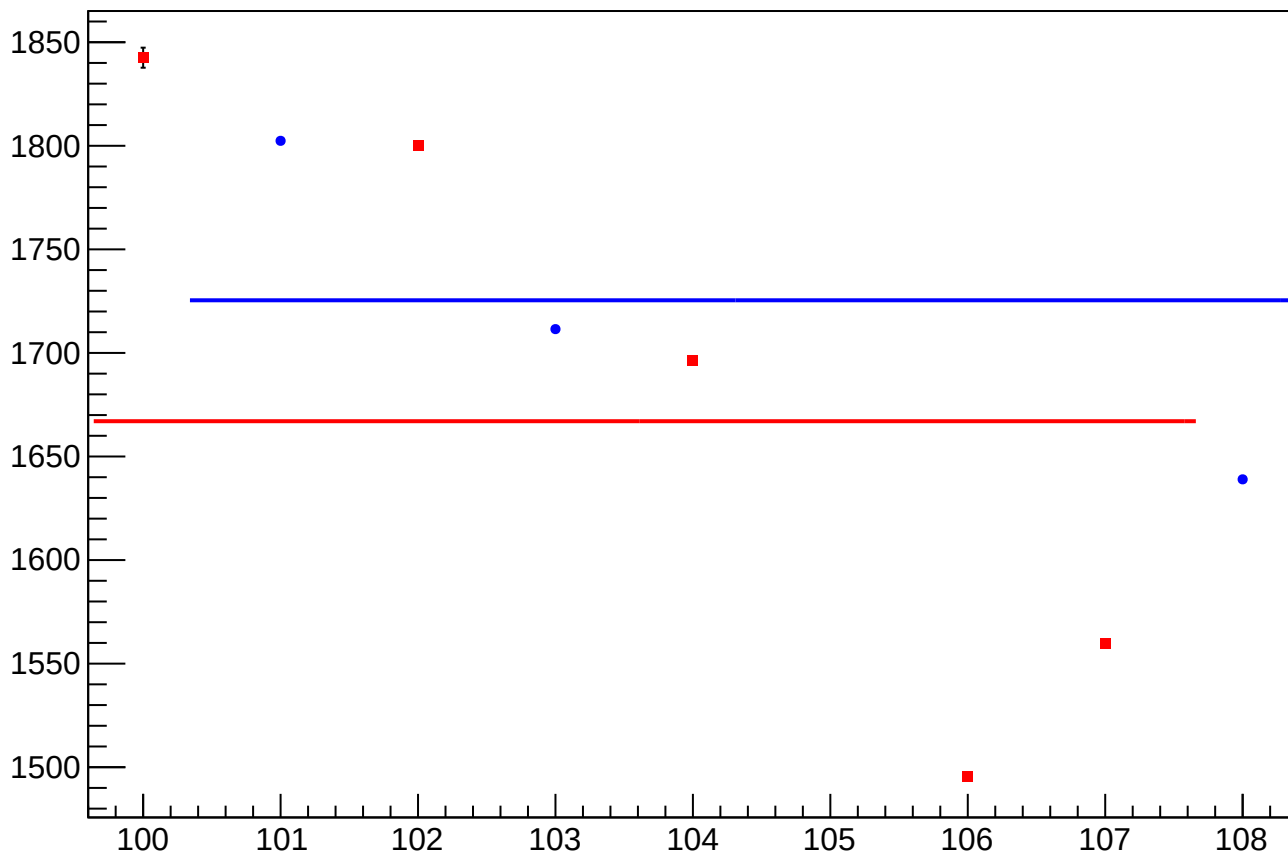
Right: -18.452+/-0.912 χ^2/NDF : 652.4/7

In: -31.423+/-1.341 χ^2/NDF : 332.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.452+/-0.912 χ^2/NDF : 652.4/7

diff_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 1725.413+/-0.948 χ^2/NDF : 4676.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1667.038+/-0.879 χ^2/NDF : 19589.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

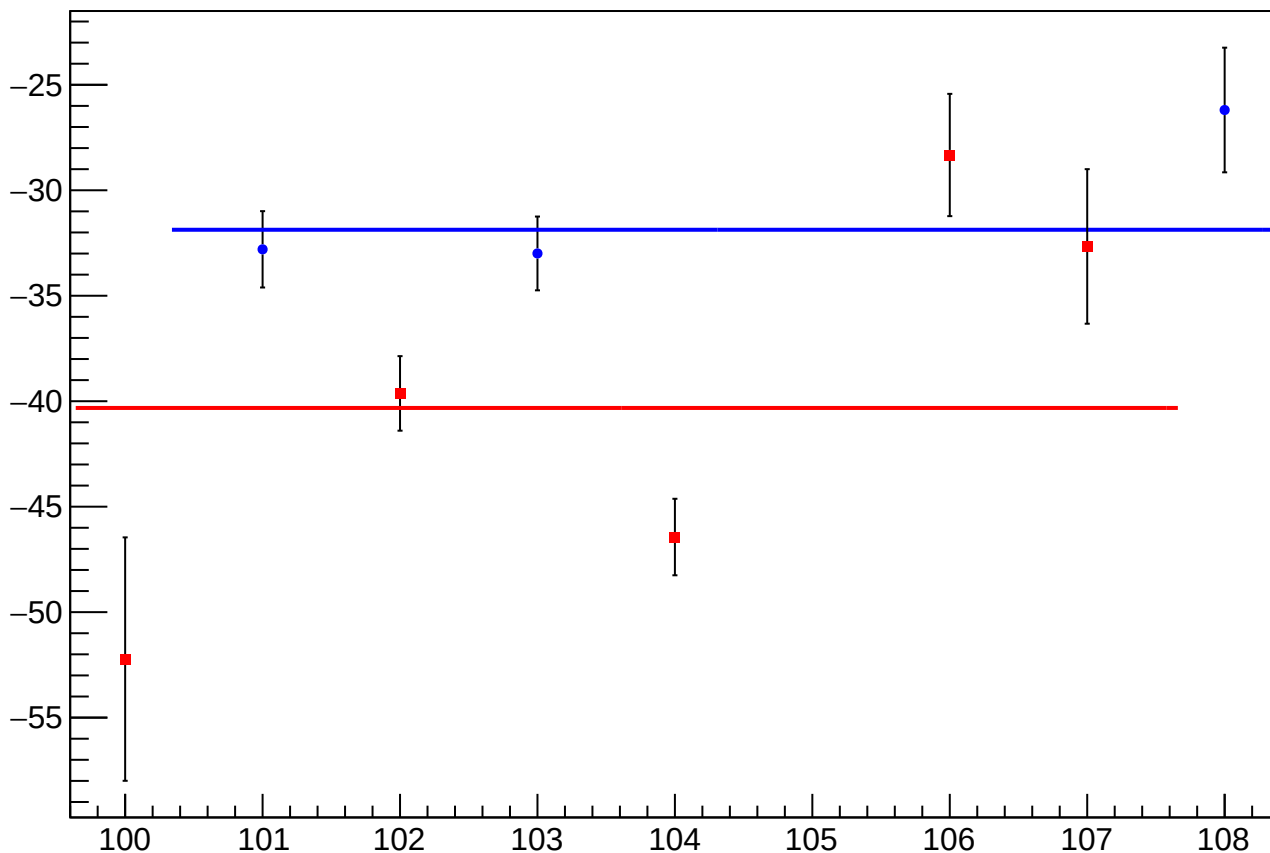
Right: 1694.018+/-0.645 χ^2/NDF : 26304.2/7

In: 1725.413+/-0.948 χ^2/NDF : 4676.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1694.018+/-0.645 χ^2/NDF : 26304.2/7

diff_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -31.872+/-1.157 χ^2/NDF : 4.4/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -40.320+/-1.086 χ^2/NDF : 37.3/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

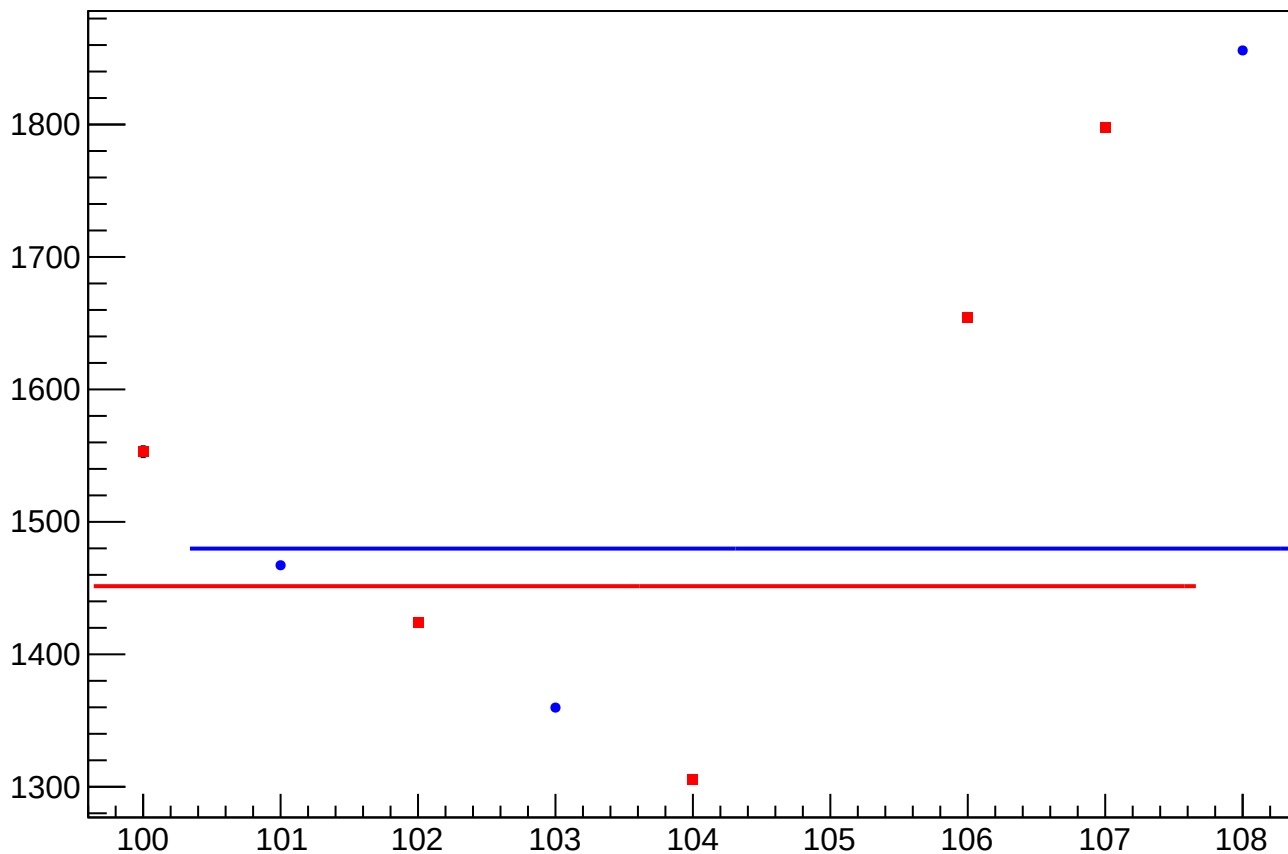
Right: -36.364+/-0.792 χ^2/NDF : 70.0/7

In: -31.872+/-1.157 χ^2/NDF :4.4/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -36.364+/-0.792 χ^2/NDF : 70.0/7

diff_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 1479.832 $\pm$ 0.818 χ^2 /NDF: 41914.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1451.461 $\pm$ 0.768 χ^2 /NDF: 41649.5/4

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

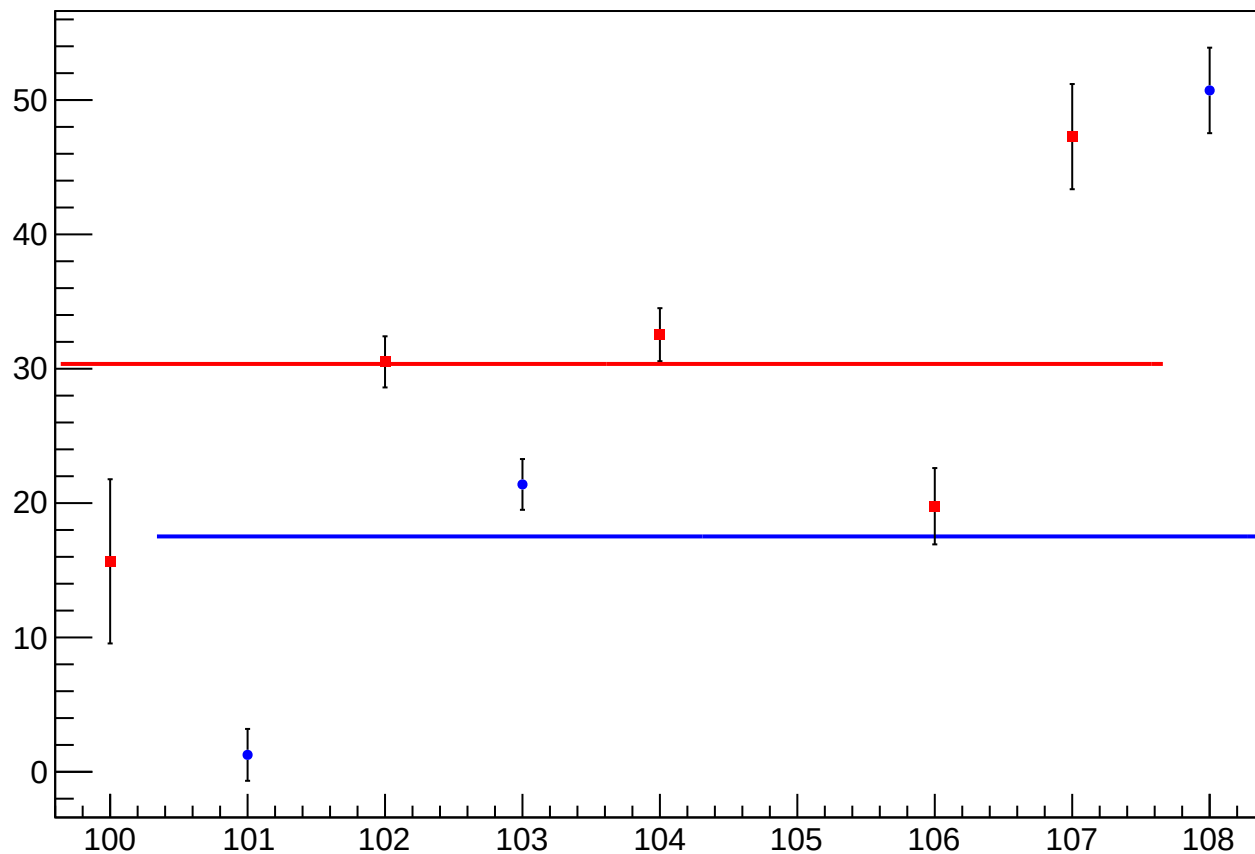
Right: 1464.746 $\pm$ 0.560 χ^2 /NDF: 84203.5/7

In: 1479.832 $\pm$ 0.818 χ^2 /NDF:41914.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1464.746 $\pm$ 0.560 χ^2 /NDF: 84203.5/7

diff_bpm0i05X_mean vs Slug, Sign Corrected



Right In: 17.519+/-1.243 χ^2/NDF : 184.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.358+/-1.155 χ^2/NDF : 39.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

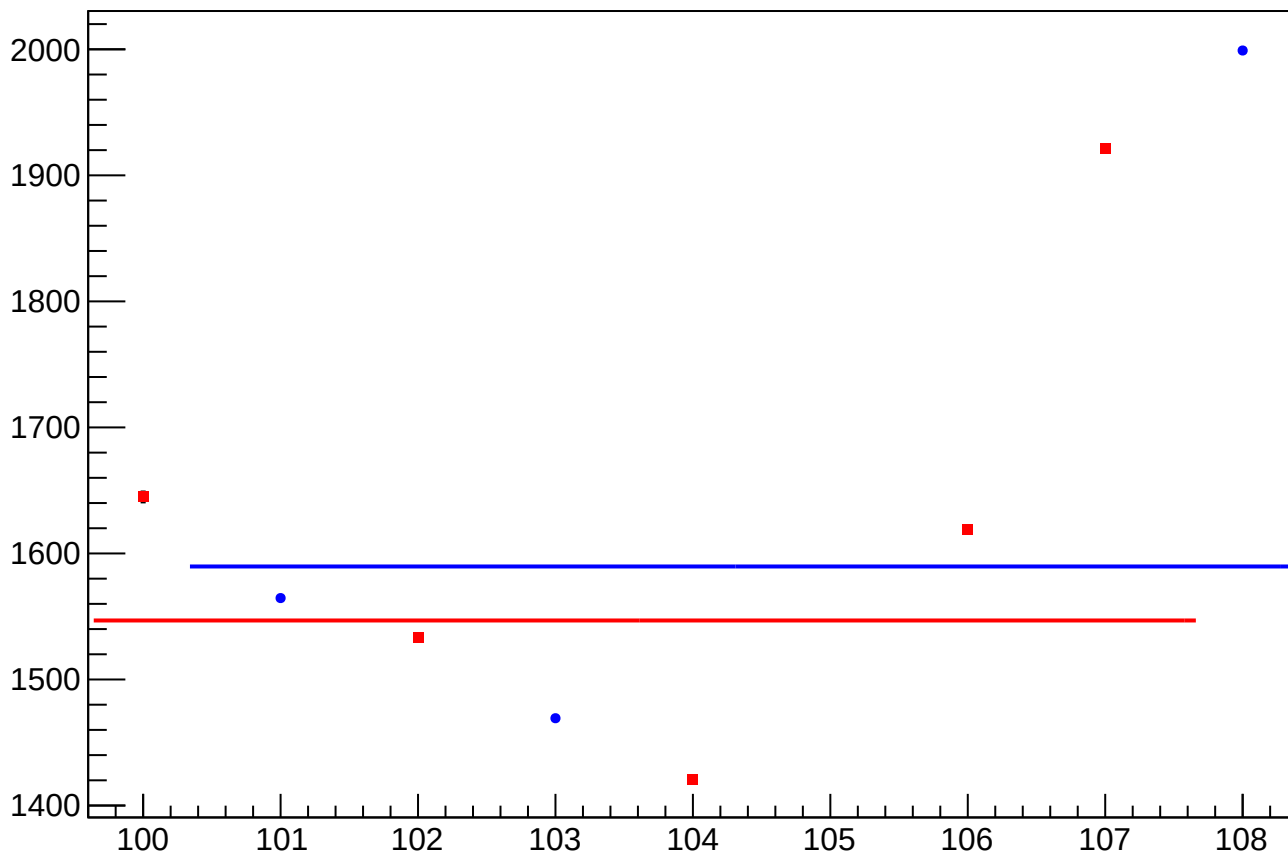
Right: 24.407+/-0.846 χ^2/NDF : 280.8/7

In: 17.519+/-1.243 χ^2/NDF : 184.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.407+/-0.846 χ^2/NDF : 280.8/7

diff_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 1589.663 $\pm$ 0.879 χ^2 /NDF: 41561.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1546.821 $\pm$ 0.817 χ^2 /NDF: 28369.1/4

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

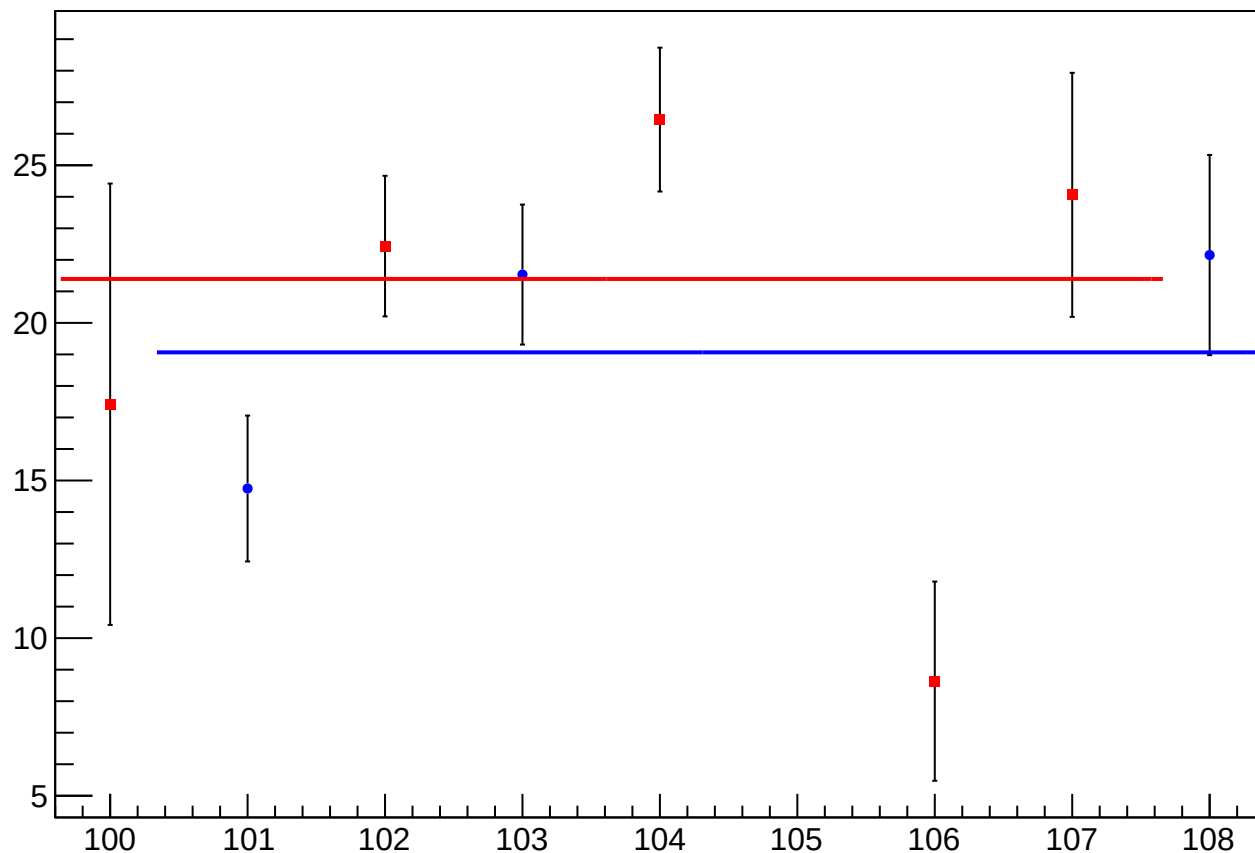
Right: 1566.679 $\pm$ 0.598 χ^2 /NDF: 71205.1/7

In: 1589.663 $\pm$ 0.879 χ^2 /NDF:41561.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1566.679 $\pm$ 0.598 χ^2 /NDF: 71205.1/7

diff_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: 19.065+/-1.430 χ^2 /NDF: 5.7/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 21.394+/-1.312 χ^2 /NDF: 22.2/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

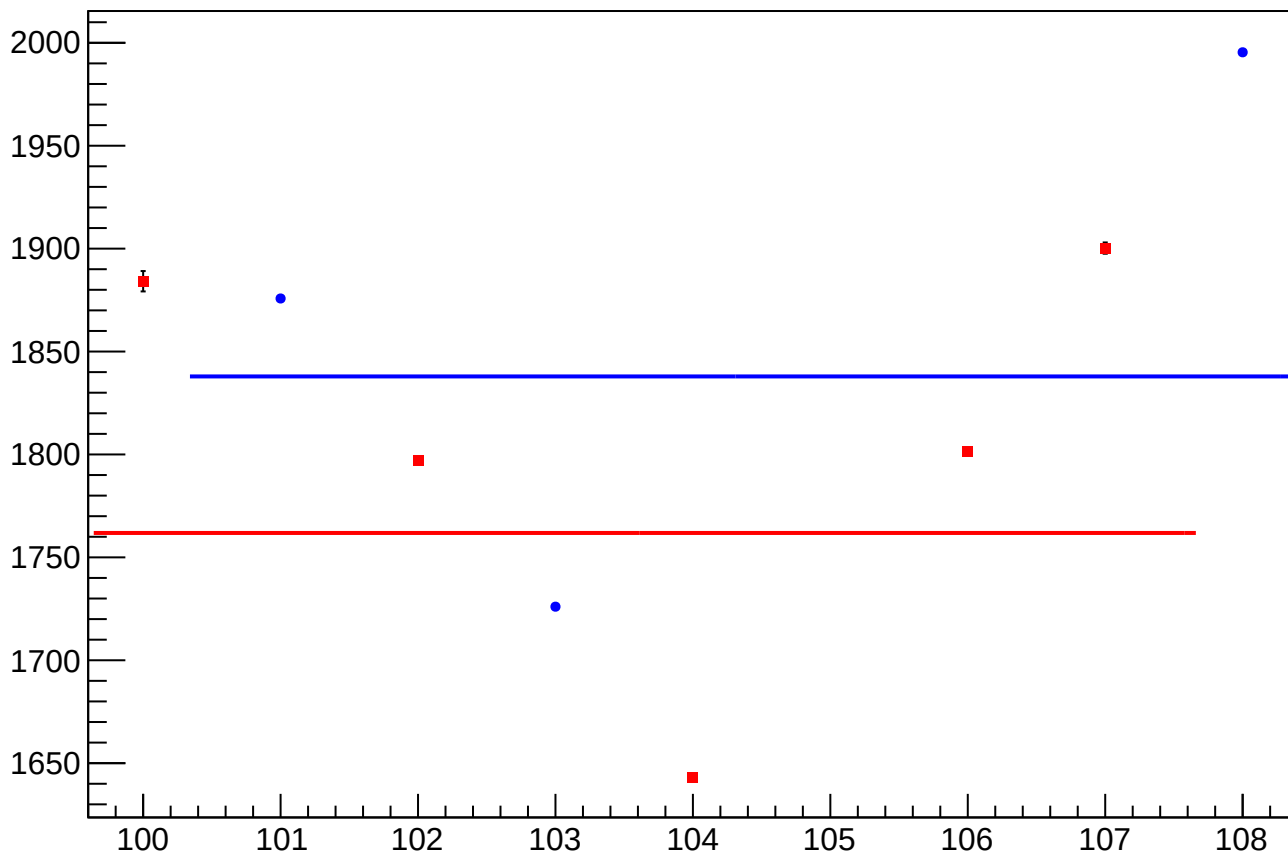
Right: 20.329+/-0.967 χ^2 /NDF: 29.3/7

In: 19.065+/-1.430 χ^2 /NDF:5.7/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 20.329+/-0.967 χ^2 /NDF: 29.3/7

diff_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 1837.906+/-1.011 χ^2/NDF : 10532.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1761.856+/-0.928 χ^2/NDF : 9409.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

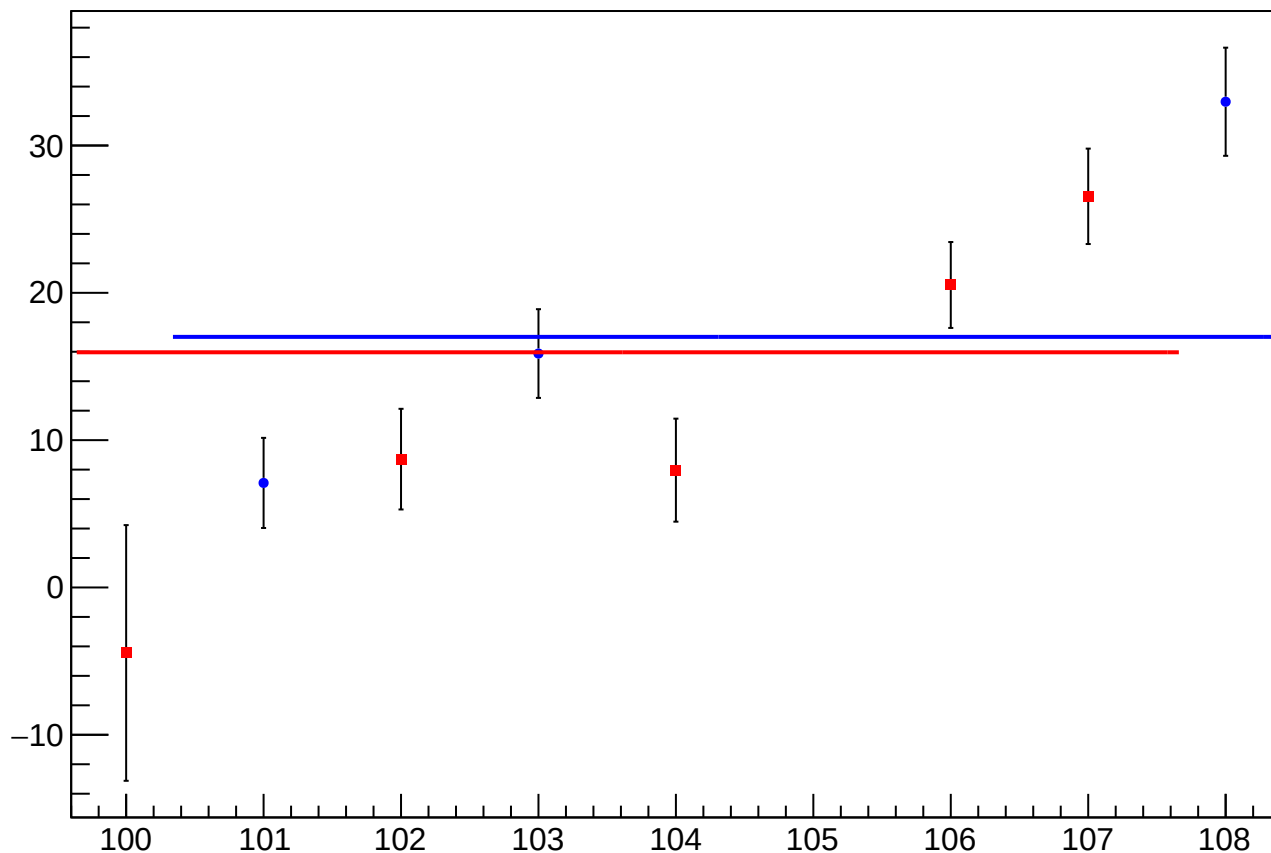
Right: 1796.618+/-0.684 χ^2/NDF : 23011.8/7

In: 1837.906+/-1.011 χ^2/NDF : 10532.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1796.618+/-0.684 χ^2/NDF : 23011.8/7

diff_bpm0i07X_mean vs Slug, Sign Corrected



Right In: 17.010+/-1.853 χ^2/NDF : 29.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.964+/-1.594 χ^2/NDF : 28.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

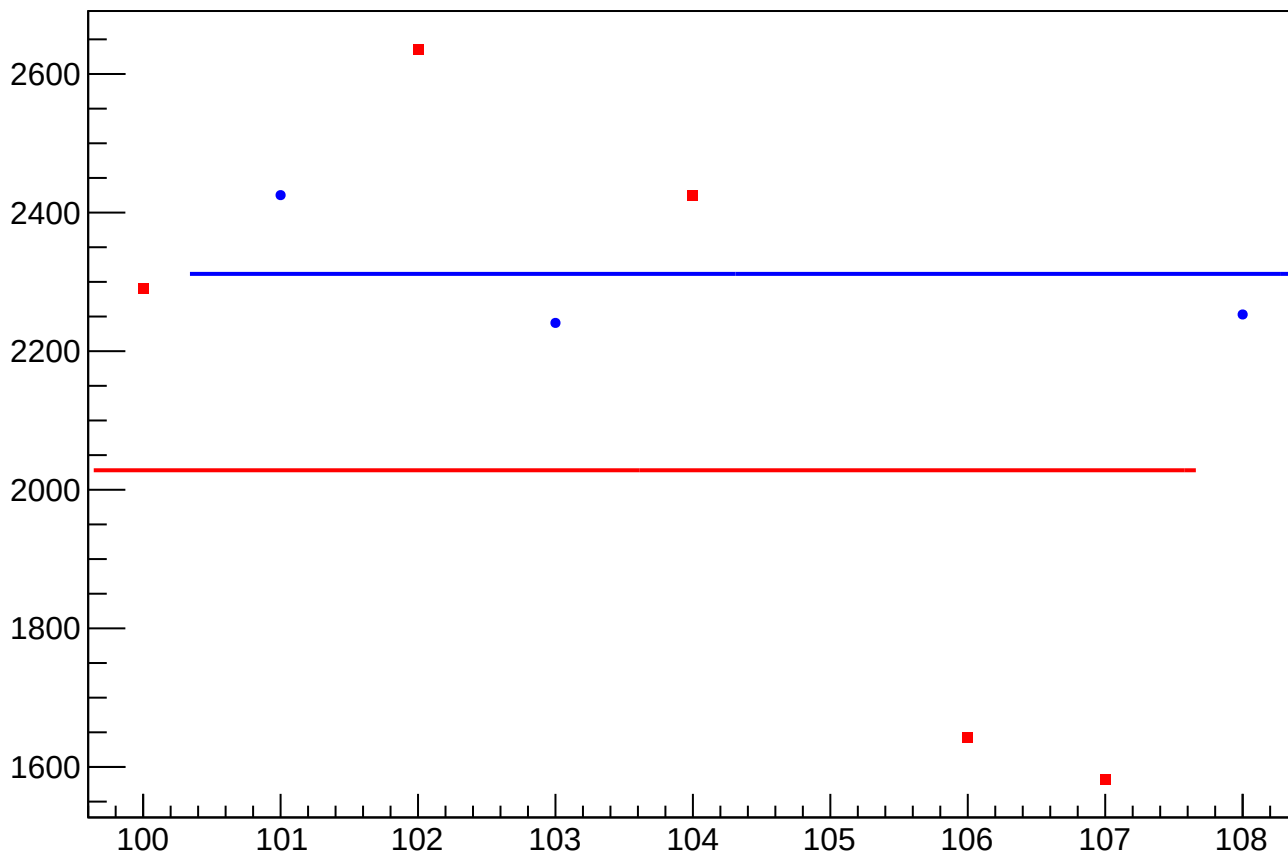
Right: 16.409+/-1.208 χ^2/NDF : 58.2/7

In: 17.010+/-1.853 χ^2/NDF : 29.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.409+/-1.208 χ^2/NDF : 58.2/7

diff_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 2311.542 $\pm$ 1.310 χ^2 /NDF: 4374.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2028.145 $\pm$ 1.127 χ^2 /NDF: 163793.3/4

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

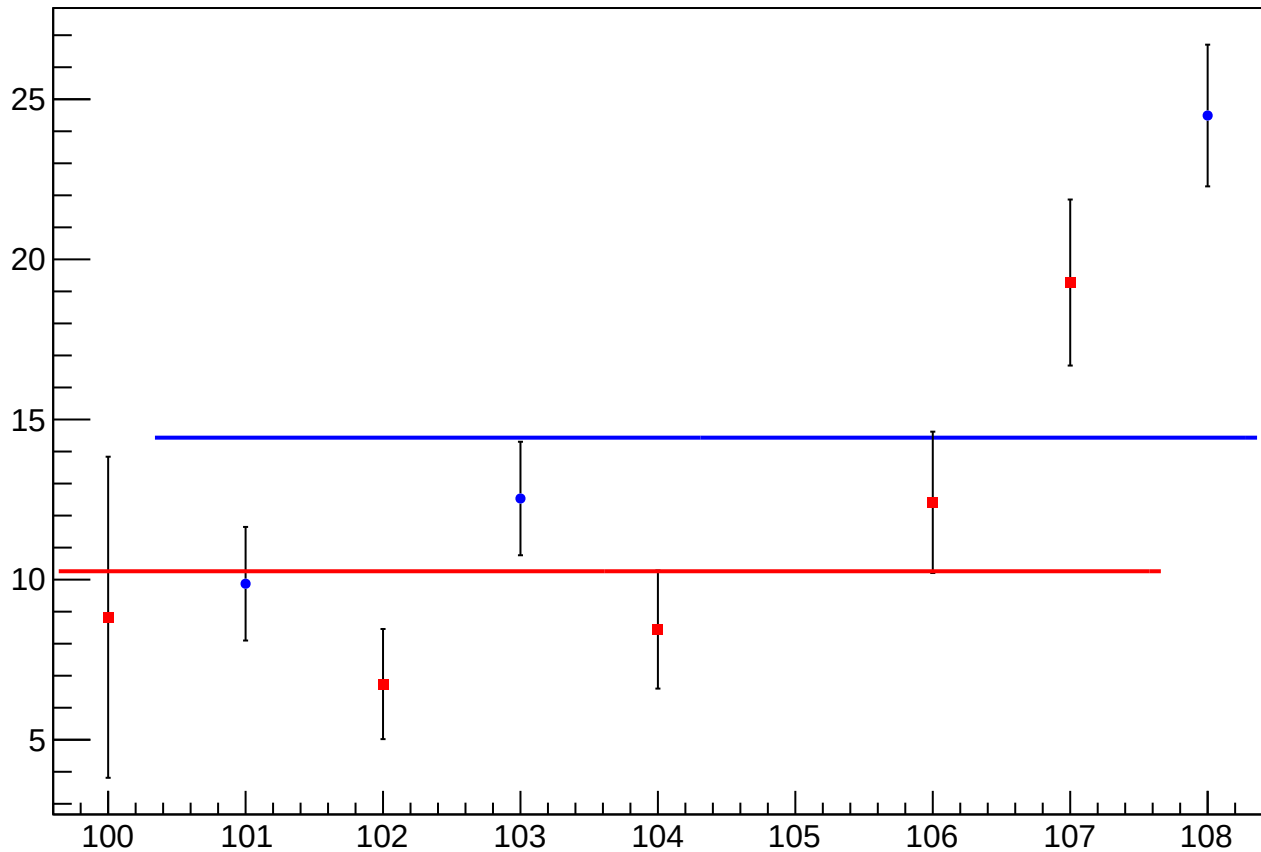
Right: 2148.668 $\pm$ 0.854 χ^2 /NDF: 195067.7/7

In: 2311.542 $\pm$ 1.310 χ^2 /NDF:4374.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2148.668 $\pm$ 0.854 χ^2 /NDF: 195067.7/7

diff_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 14.433+/-1.091 χ^2/NDF : 28.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.262+/-0.987 χ^2/NDF : 18.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

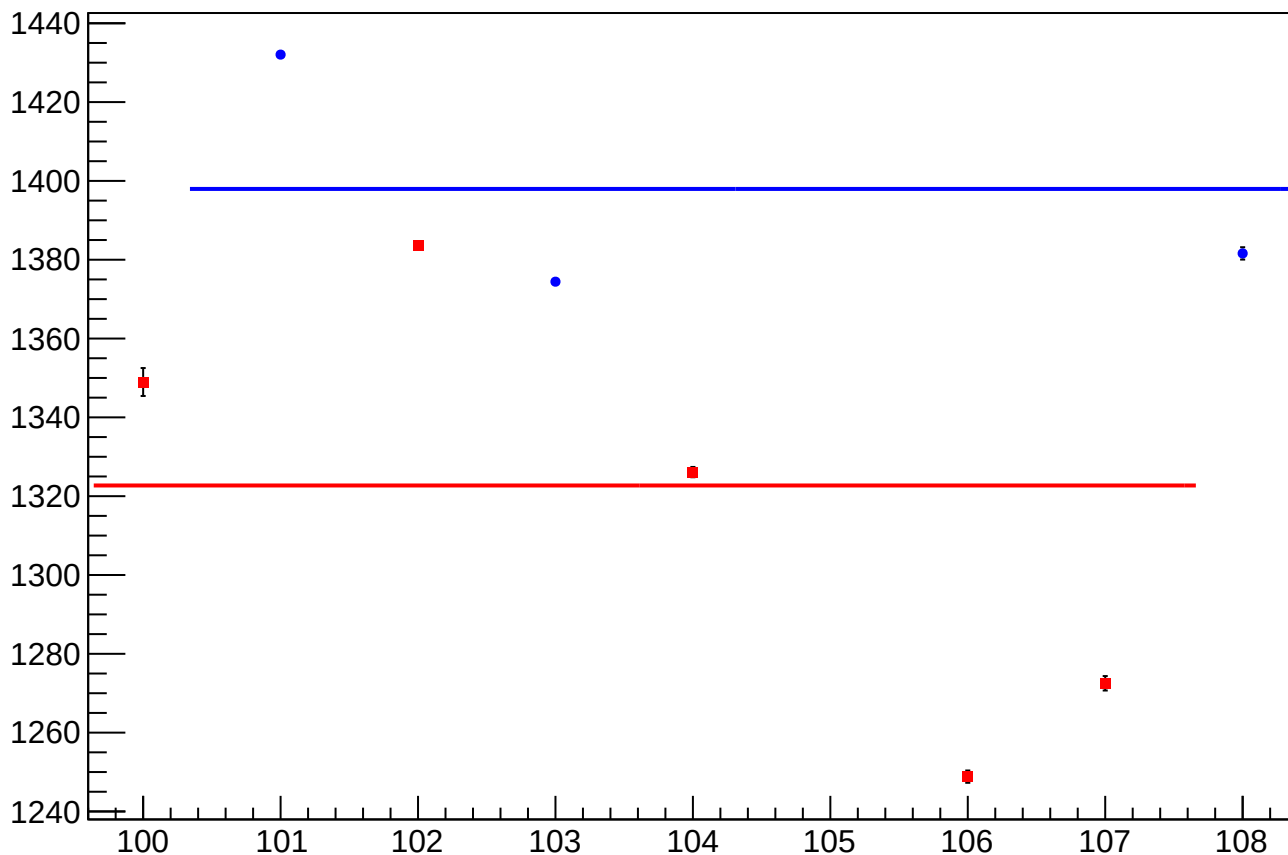
Right: 12.140+/-0.732 χ^2/NDF : 54.8/7

In: 14.433+/-1.091 χ^2/NDF : 28.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.140+/-0.732 χ^2/NDF : 54.8/7

diff_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 1397.963 $\pm$ 0.771 χ^2 /NDF: 1200.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1322.715 $\pm$ 0.698 χ^2 /NDF: 5565.0/4

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

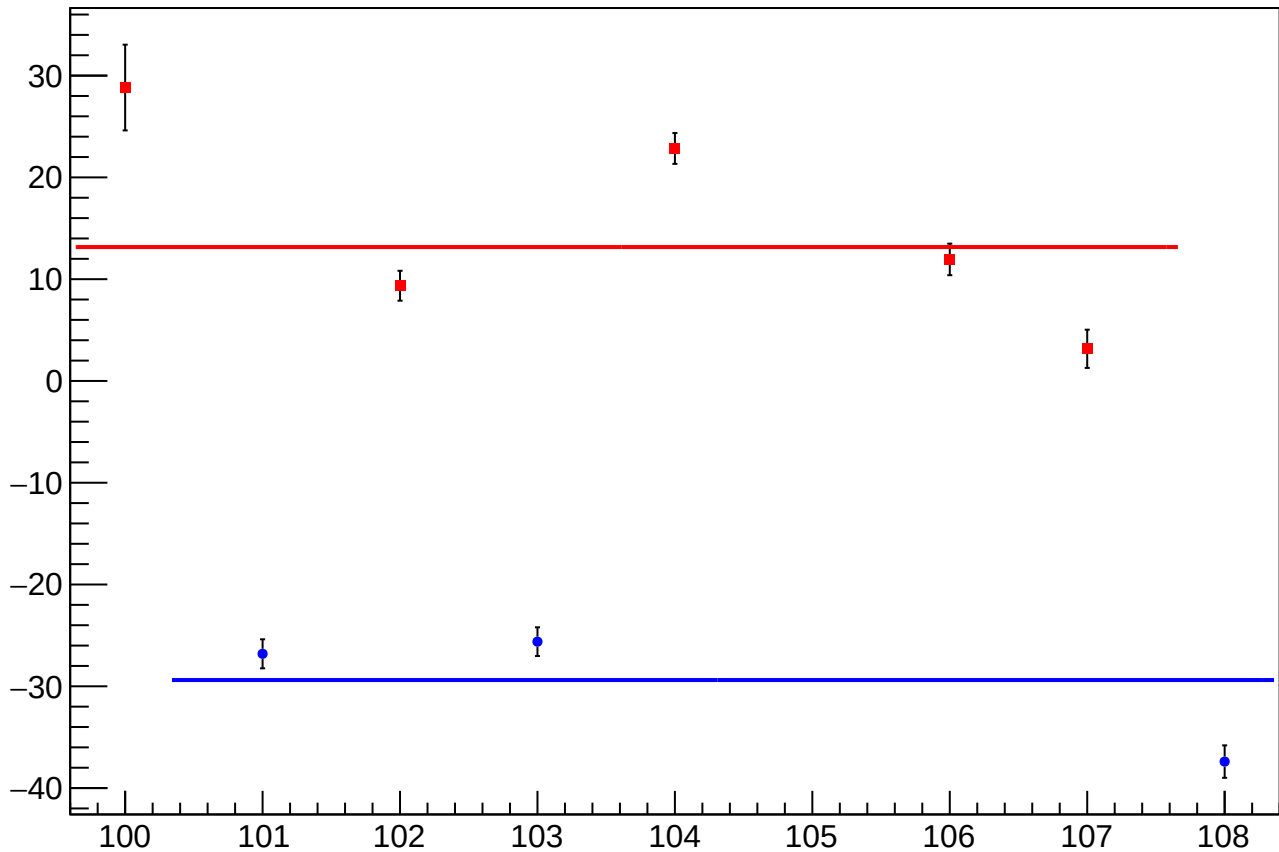
Right: 1356.597 $\pm$ 0.517 χ^2 /NDF: 11999.3/7

In: 1397.963 $\pm$ 0.771 χ^2 /NDF:1200.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1356.597 $\pm$ 0.517 χ^2 /NDF: 11999.3/7

diff_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -29.385 $\pm$ 0.849 χ^2 /NDF: 35.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.157 $\pm$ 0.777 χ^2 /NDF: 90.4/4

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

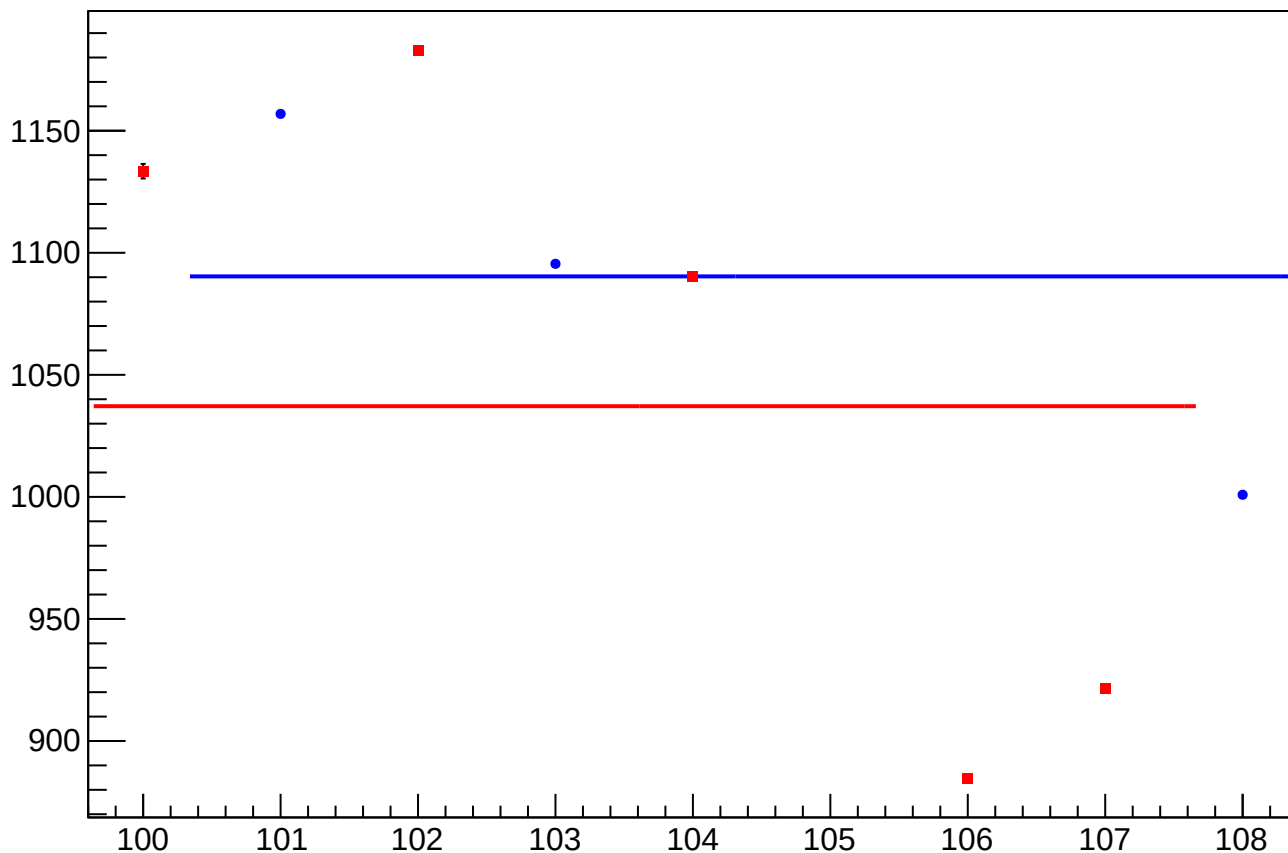
Right: -6.240 $\pm$ 0.573 χ^2 /NDF: 1492.2/7

In: -29.385 $\pm$ 0.849 χ^2 /NDF: 35.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -6.240 $\pm$ 0.573 χ^2 /NDF: 1492.2/7

diff_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 1090.329+/-0.600 χ^2/NDF : 10685.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1037.159+/-0.550 χ^2/NDF : 50111.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

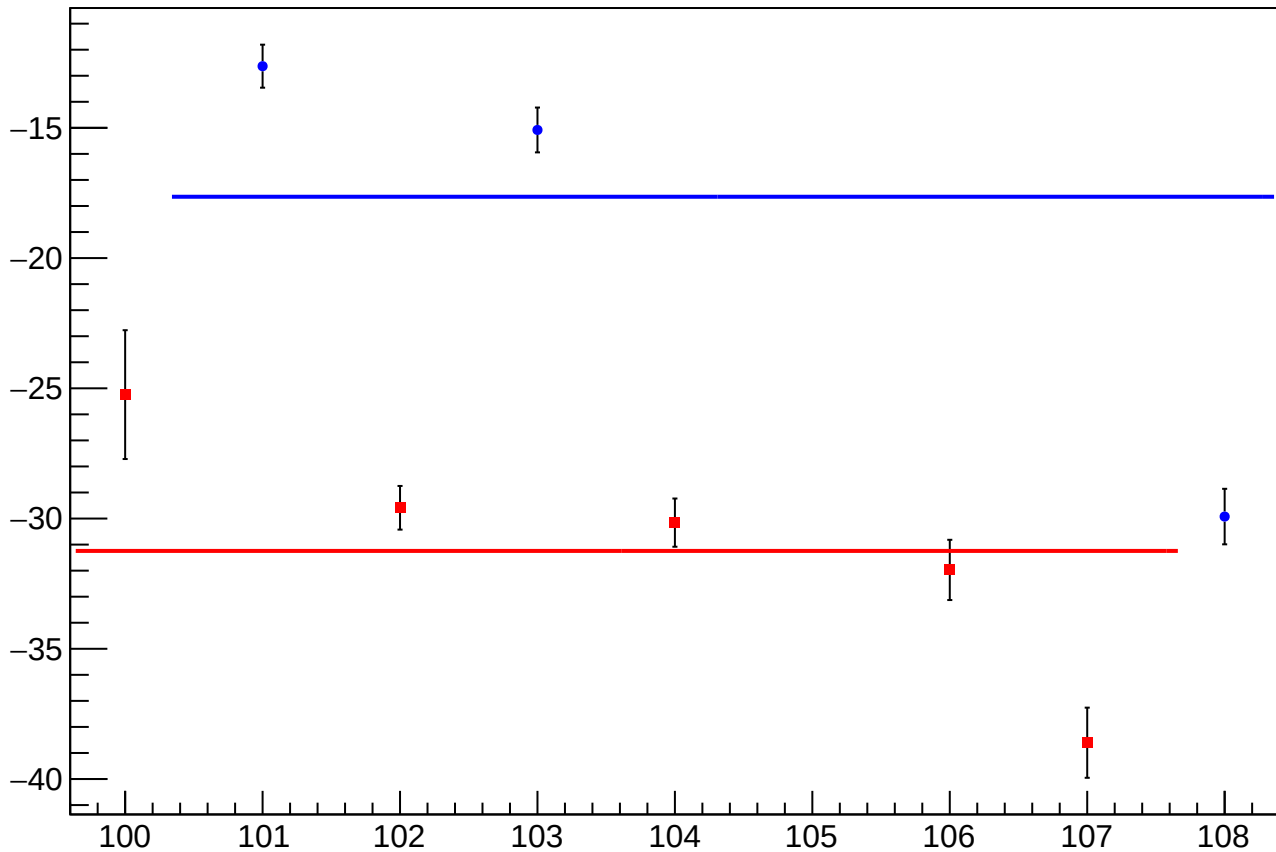
Right: 1061.403+/-0.405 χ^2/NDF : 65065.4/7

In: 1090.329+/-0.600 χ^2/NDF : 10685.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1061.403+/-0.405 χ^2/NDF : 65065.4/7

diff_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: -17.645±/-0.520 χ^2/NDF : 178.4/2

Left Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.243±/-0.497 χ^2/NDF : 41.5/4

Left In: 0.000±/-0.000 χ^2/NDF : 0.0/0

Left: 0.000±/-0.000 χ^2/NDF : 0.0/0

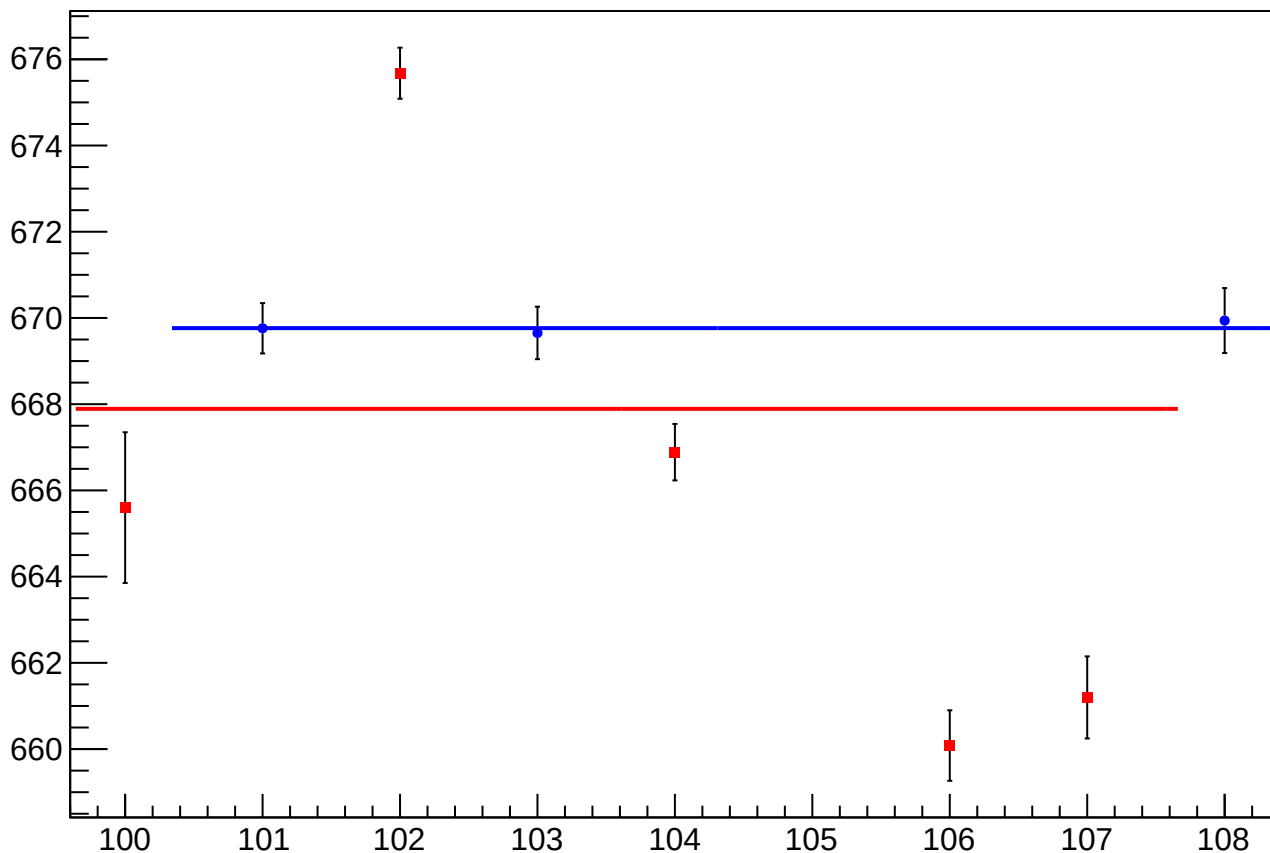
Right: -24.757±/-0.359 χ^2/NDF : 577.4/7

In: -17.645±/-0.520 χ^2/NDF : 178.4/2

Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

All: -24.757±/-0.359 χ^2/NDF : 577.4/7

diff_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 669.764 $\pm$ 0.368 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 667.892 $\pm$ 0.351 χ^2 /NDF: 317.3/4

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

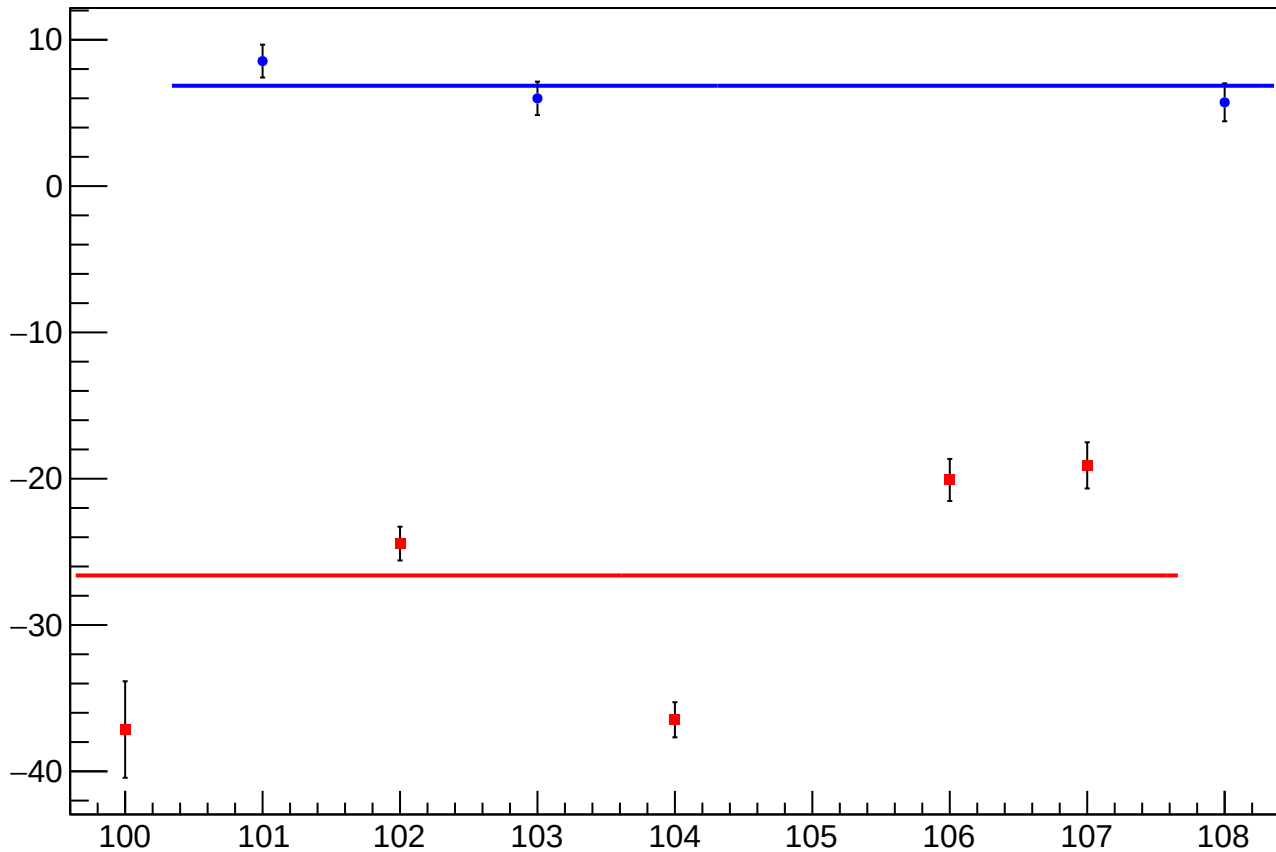
Right: 668.785 $\pm$ 0.254 χ^2 /NDF: 331.0/7

In: 669.764 $\pm$ 0.368 χ^2 /NDF: 0.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 668.785 $\pm$ 0.254 χ^2 /NDF: 331.0/7

diff_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 6.859+/-0.681 χ^2/NDF : 3.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -26.612+/-0.643 χ^2/NDF : 124.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

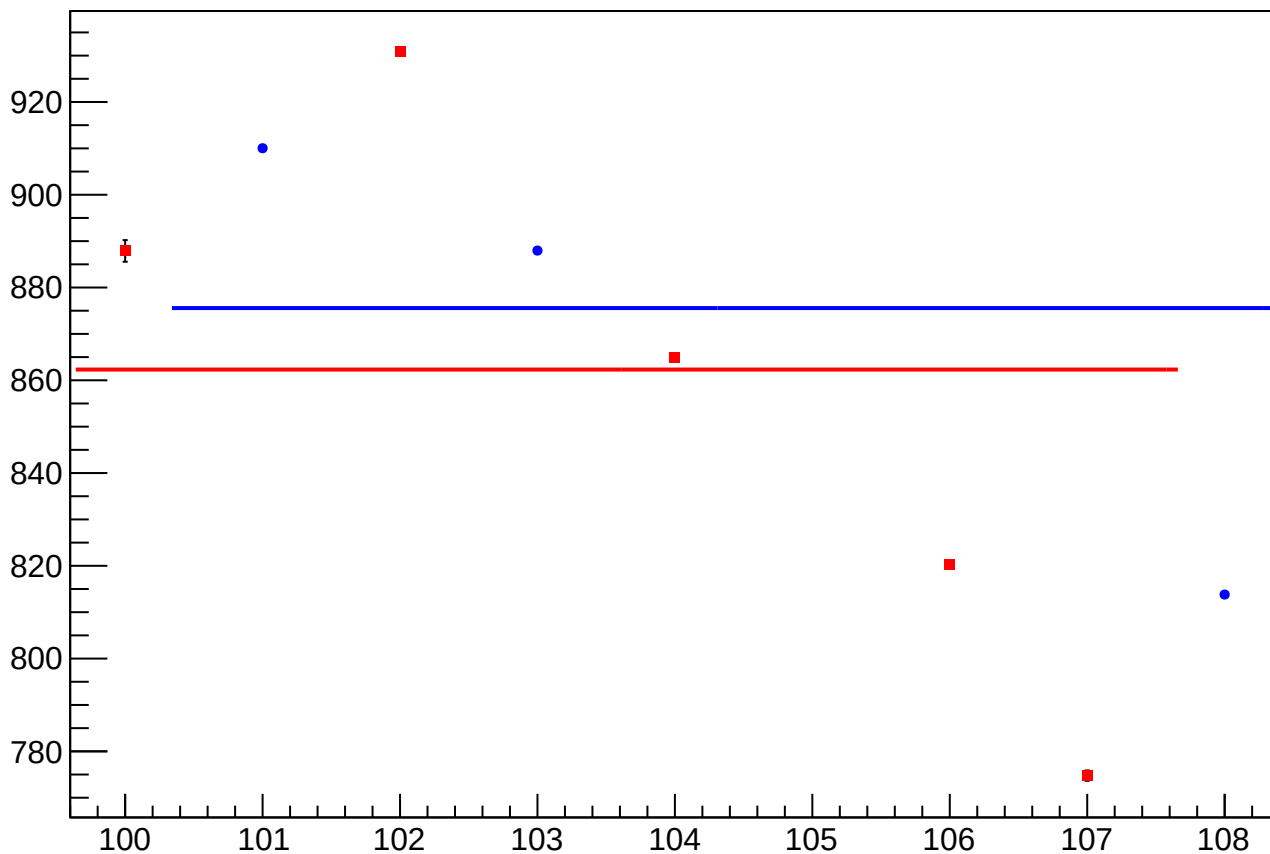
Right: -10.840+/-0.468 χ^2/NDF : 1405.2/7

In: 6.859+/-0.681 χ^2/NDF : 3.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.840+/-0.468 χ^2/NDF : 1405.2/7

diff_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 875.569+/-0.482 χ^2/NDF : 6670.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 862.316+/-0.455 χ^2/NDF : 15028.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

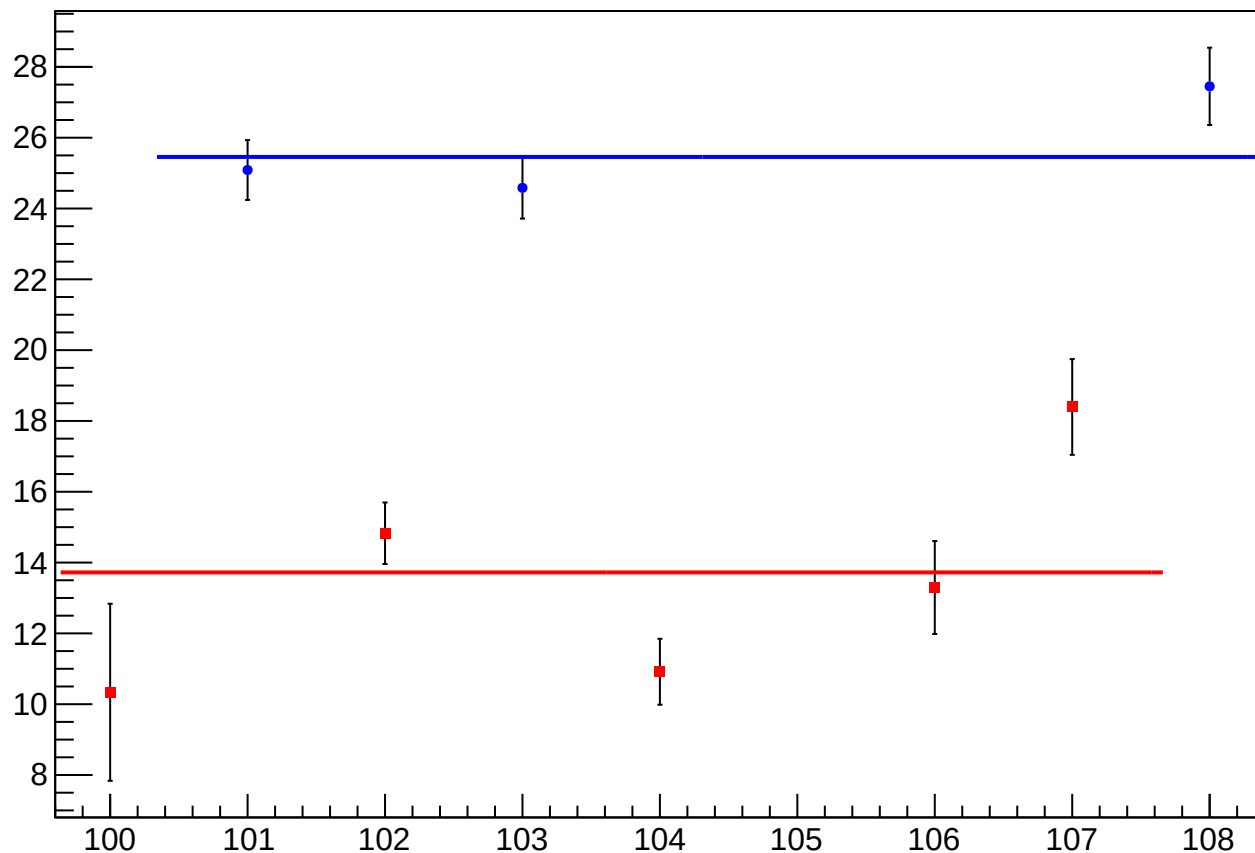
Right: 868.561+/-0.331 χ^2/NDF : 22099.5/7

In: 875.569+/-0.482 χ^2/NDF : 6670.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 868.561+/-0.331 χ^2/NDF : 22099.5/7

diff_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 25.457 $\pm$ 0.530 χ^2 /NDF: 4.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 13.722 $\pm$ 0.515 χ^2 /NDF: 24.6/4

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

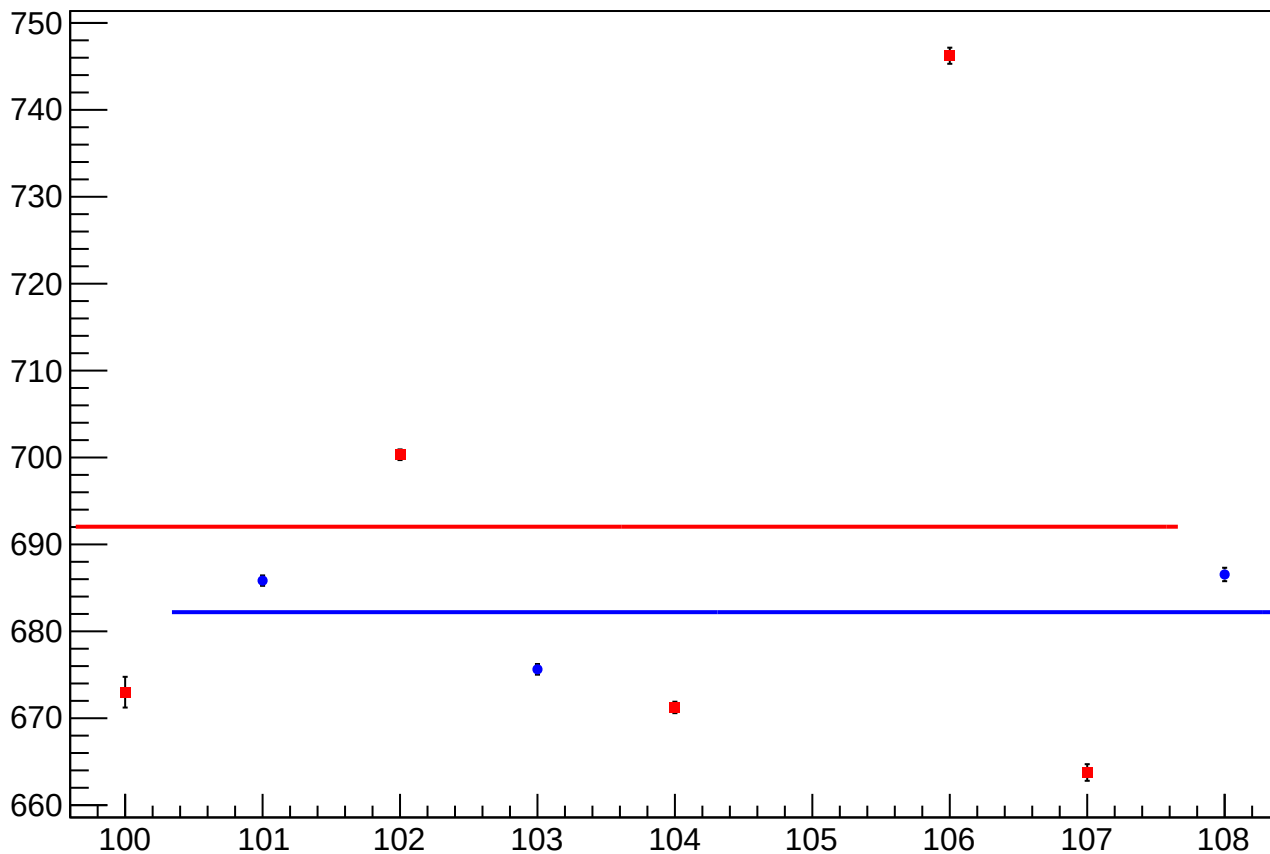
Right: 19.426 $\pm$ 0.369 χ^2 /NDF: 281.1/7

In: 25.457 $\pm$ 0.530 χ^2 /NDF:4.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 19.426 $\pm$ 0.369 χ^2 /NDF: 281.1/7

diff_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 682.205 $\pm$ 0.375 χ^2 /NDF: 183.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 692.038 $\pm$ 0.364 χ^2 /NDF: 5581.6/4

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

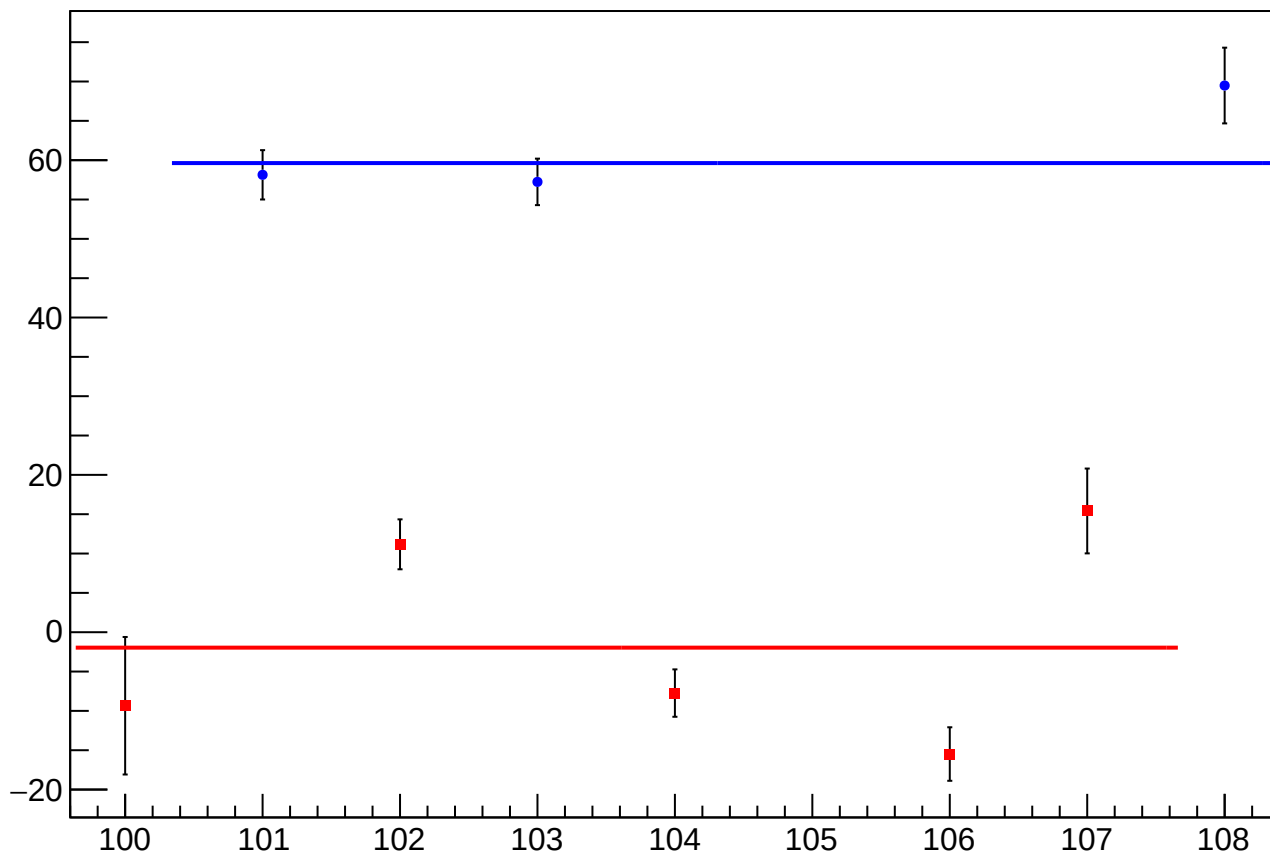
Right: 687.258 $\pm$ 0.261 χ^2 /NDF: 6118.5/7

In: 682.205 $\pm$ 0.375 χ^2 /NDF:183.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 687.258 $\pm$ 0.261 χ^2 /NDF: 6118.5/7

diff_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 59.631 $\pm$ 1.963 χ^2 /NDF: 5.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.962 $\pm$ 1.707 χ^2 /NDF: 47.7/4

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

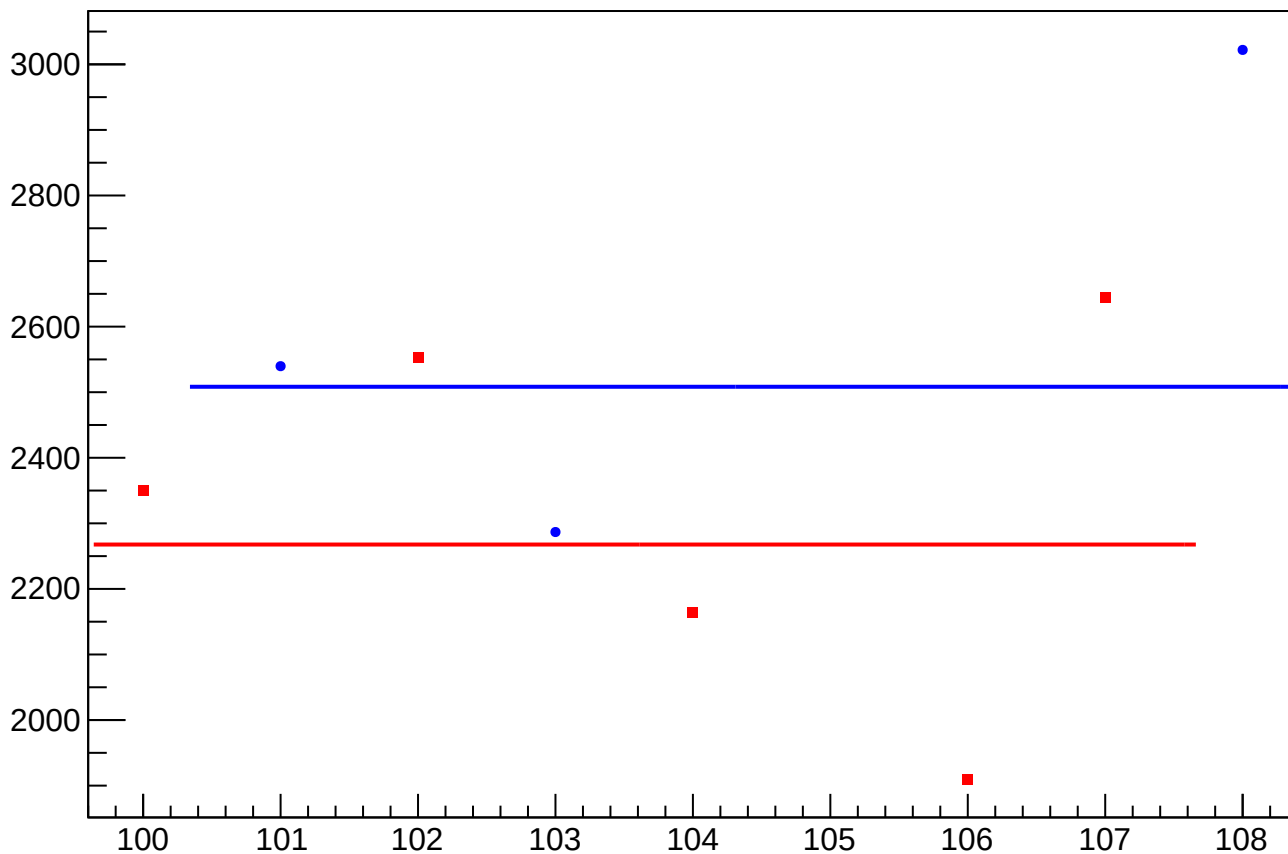
Right: 24.545 $\pm$ 1.288 χ^2 /NDF: 613.4/7

In: 59.631 $\pm$ 1.963 χ^2 /NDF: 5.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.545 $\pm$ 1.288 χ^2 /NDF: 613.4/7

diff_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 2508.292+/-1.388 χ^2/NDF : 34229.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2267.681+/-1.207 χ^2/NDF : 50681.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

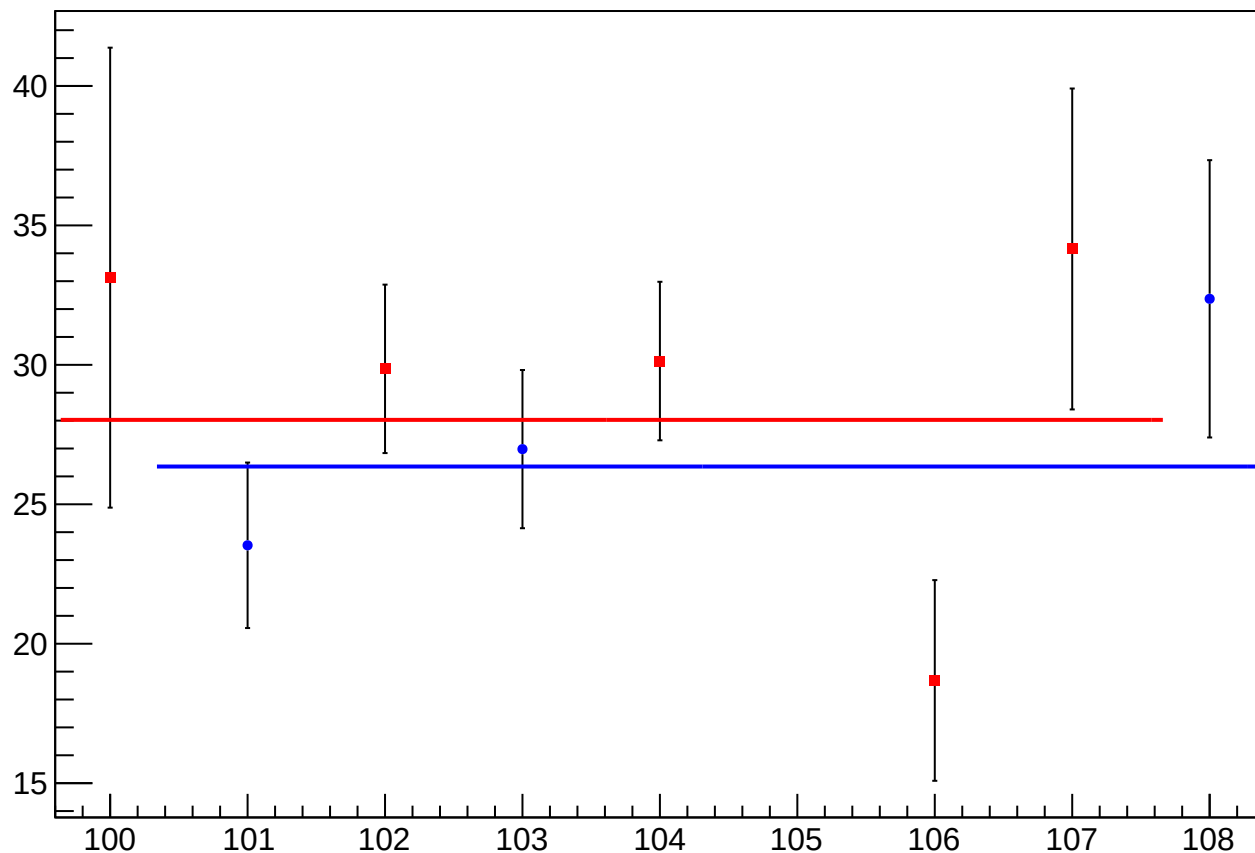
Right: 2371.230+/-0.911 χ^2/NDF : 102020.7/7

In: 2508.292+/-1.388 χ^2/NDF : 34229.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2371.230+/-0.911 χ^2/NDF : 102020.7/7

diff_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: 26.354 $\pm$ 1.895 χ^2 /NDF: 2.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 28.027 $\pm$ 1.677 χ^2 /NDF: 9.2/4

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

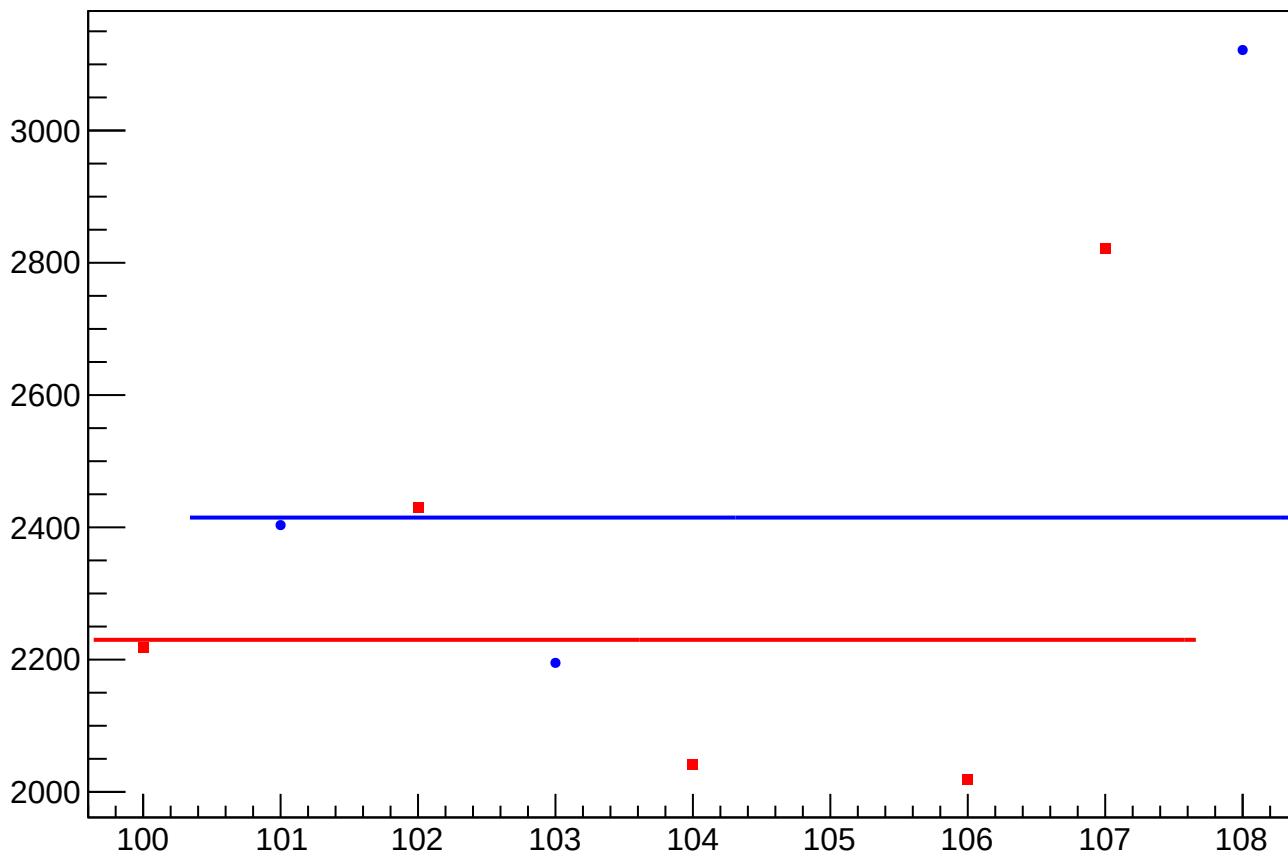
Right: 27.292 $\pm$ 1.256 χ^2 /NDF: 12.0/7

In: 26.354 $\pm$ 1.895 χ^2 /NDF: 2.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.292 $\pm$ 1.256 χ^2 /NDF: 12.0/7

diff_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 2414.776 $\pm$ 1.340 χ^2 /NDF: 52462.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2229.939 $\pm$ 1.186 χ^2 /NDF: 45675.0/4

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

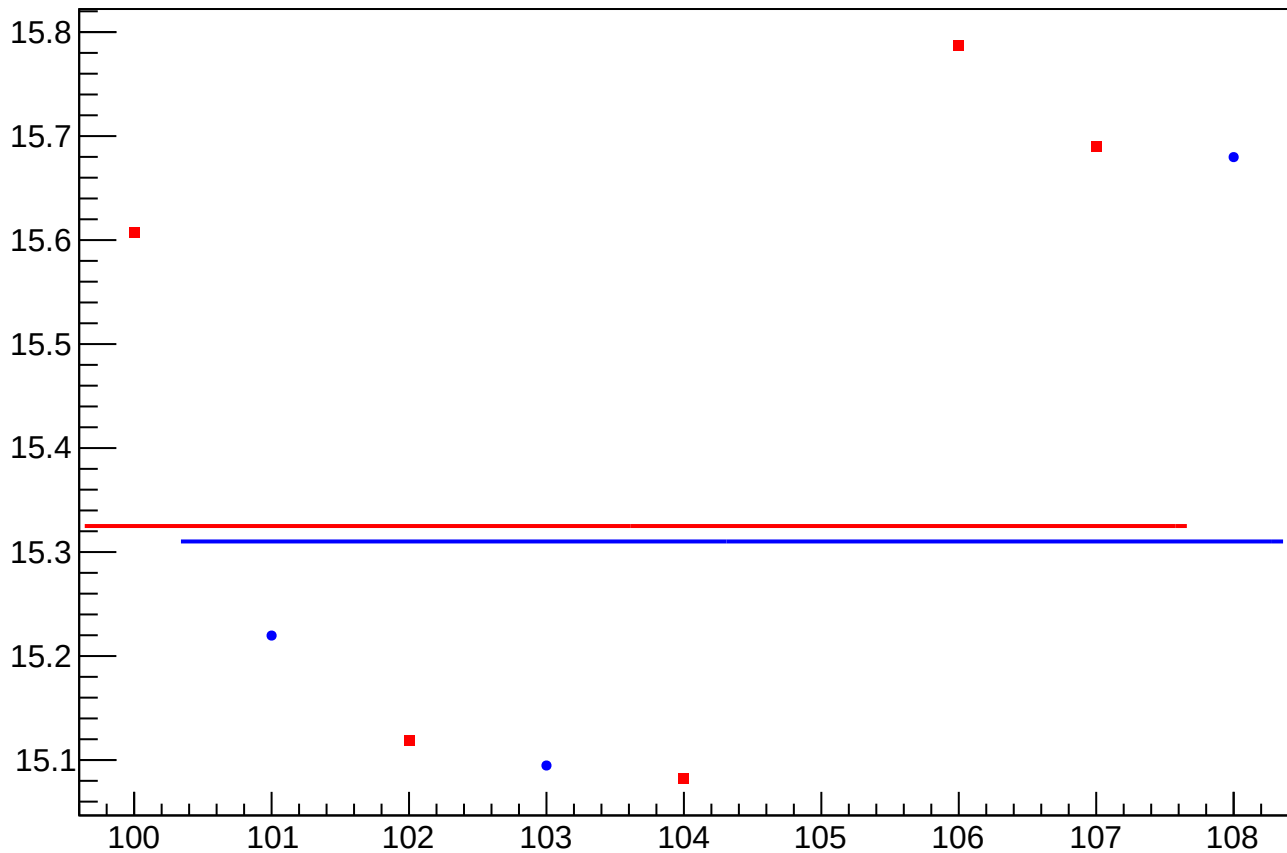
Right: 2311.097 $\pm$ 0.888 χ^2 /NDF: 108805.2/7

In: 2414.776 $\pm$ 1.340 χ^2 /NDF: 52462.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2311.097 $\pm$ 0.888 χ^2 /NDF: 108805.2/7

yield_sam1_mean vs Slug, Sign Corrected



Right In: 15.310+/-0.000 χ^2/NDF : 189811630.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.325+/-0.000 χ^2/NDF : 293287145.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

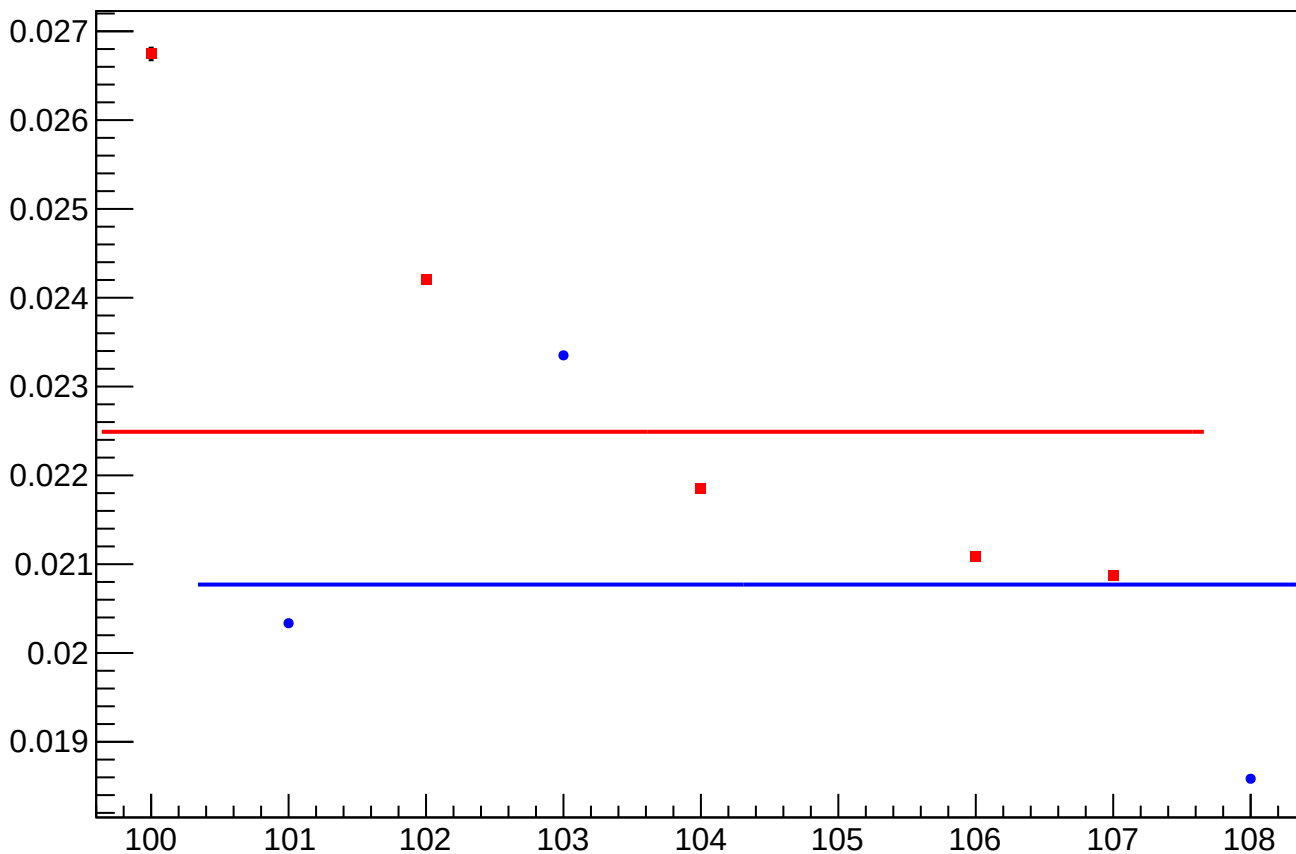
Right: 15.317+/-0.000 χ^2/NDF : 483460413.6/7

In: 15.310+/-0.000 χ^2/NDF : 189811630.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.317+/-0.000 χ^2/NDF : 483460413.6/7

yield_sam1_rms vs Slug, Sign Corrected



Right In: 0.021+/-0.000 χ^2/NDF : 23510.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.022+/-0.000 χ^2/NDF : 15197.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

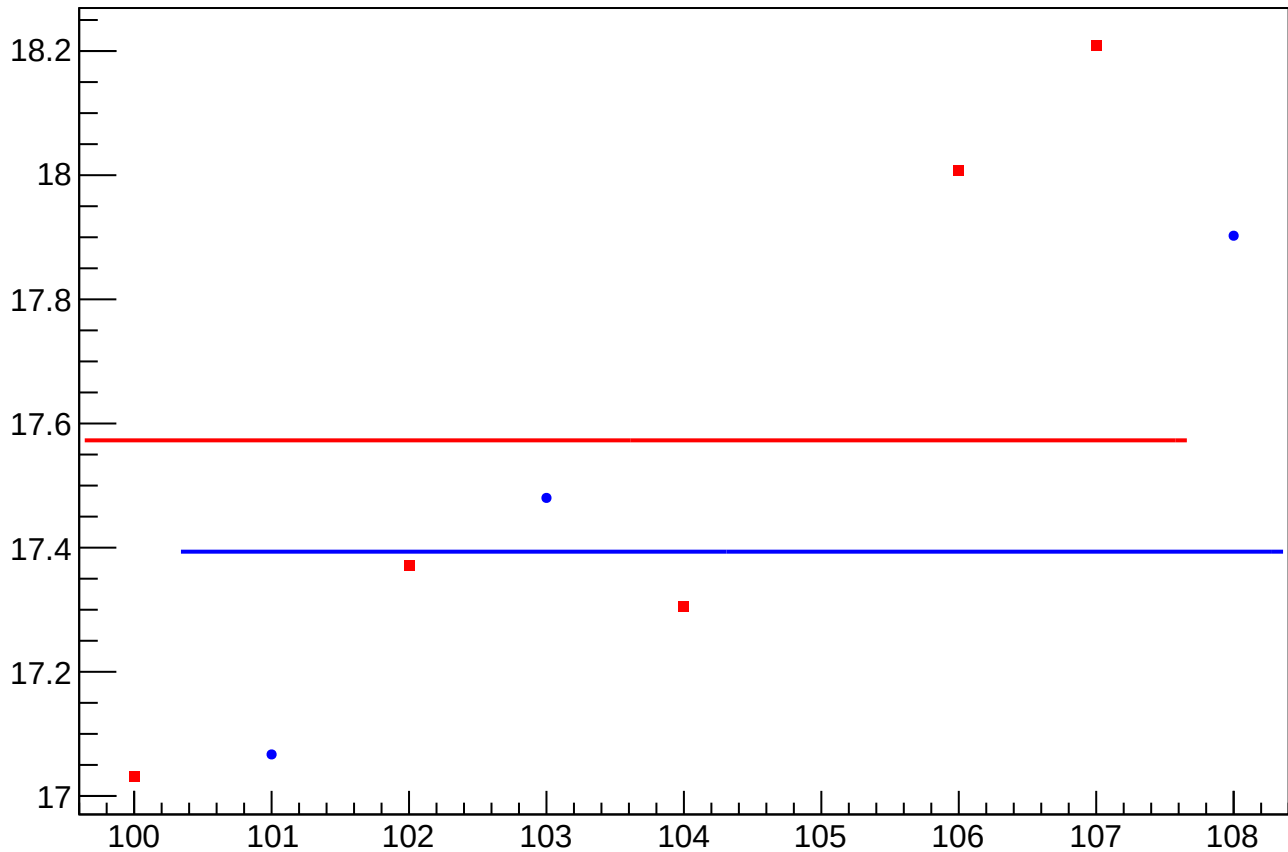
Right: 0.022+/-0.000 χ^2/NDF : 48418.5/7

In: 0.021+/-0.000 χ^2/NDF : 23510.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.000 χ^2/NDF : 48418.5/7

yield_sam2_mean vs Slug, Sign Corrected



Right In: 17.394+/-0.000 χ^2/NDF : 3470426.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.573+/-0.000 χ^2/NDF : 2952648.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

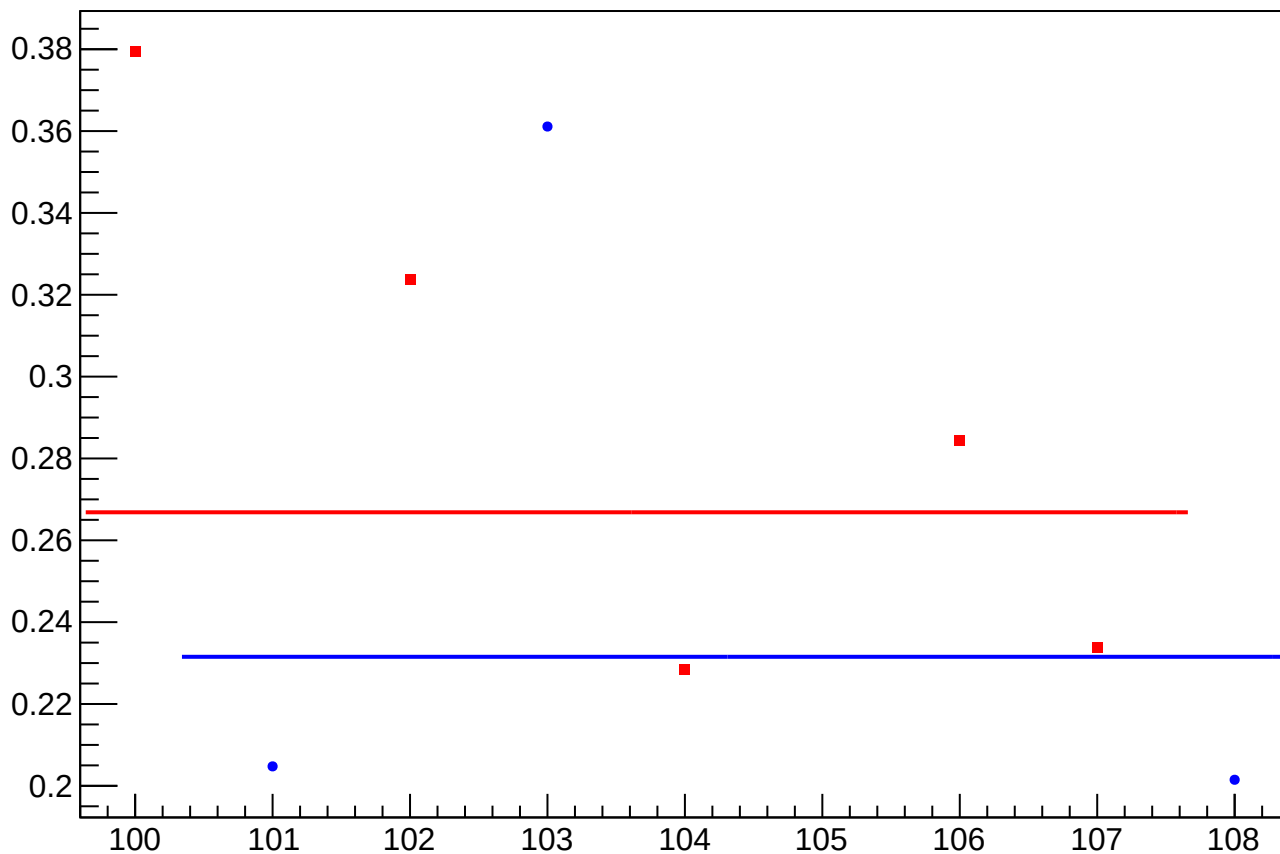
Right: 17.474+/-0.000 χ^2/NDF : 6792021.2/7

In: 17.394+/-0.000 χ^2/NDF : 3470426.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.474+/-0.000 χ^2/NDF : 6792021.2/7

yield_sam2_rms vs Slug, Sign Corrected



Right In: 0.232+/-0.000 χ^2/NDF : 186177.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.267+/-0.000 χ^2/NDF : 82230.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

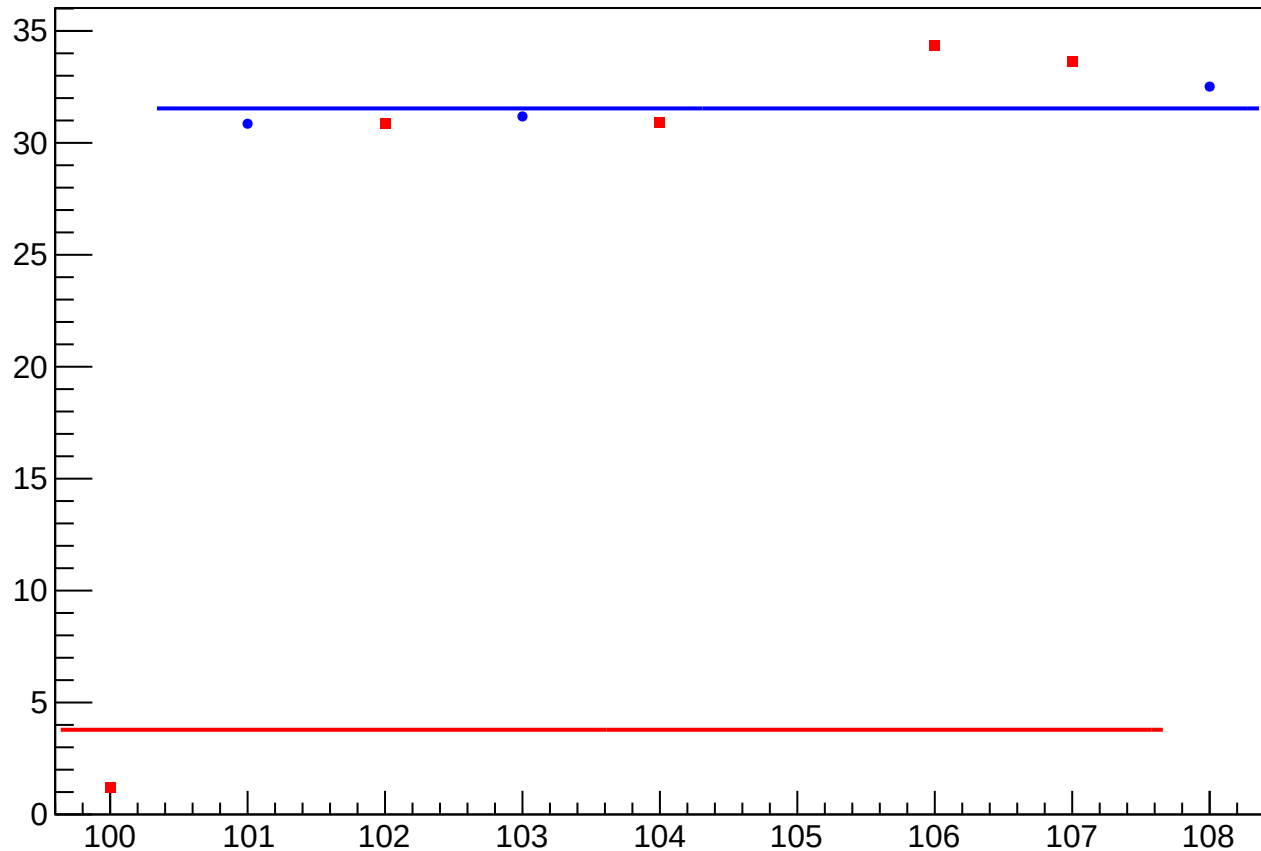
Right: 0.247+/-0.000 χ^2/NDF : 297017.7/7

In: 0.232+/-0.000 χ^2/NDF : 186177.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.247+/-0.000 χ^2/NDF : 297017.7/7

yield_sam3_mean vs Slug, Sign Corrected



Right In: 31.538+/-0.000 χ^2/NDF : 24464109.1/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3.784+/-0.000 χ^2/NDF : 31386690778.0/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

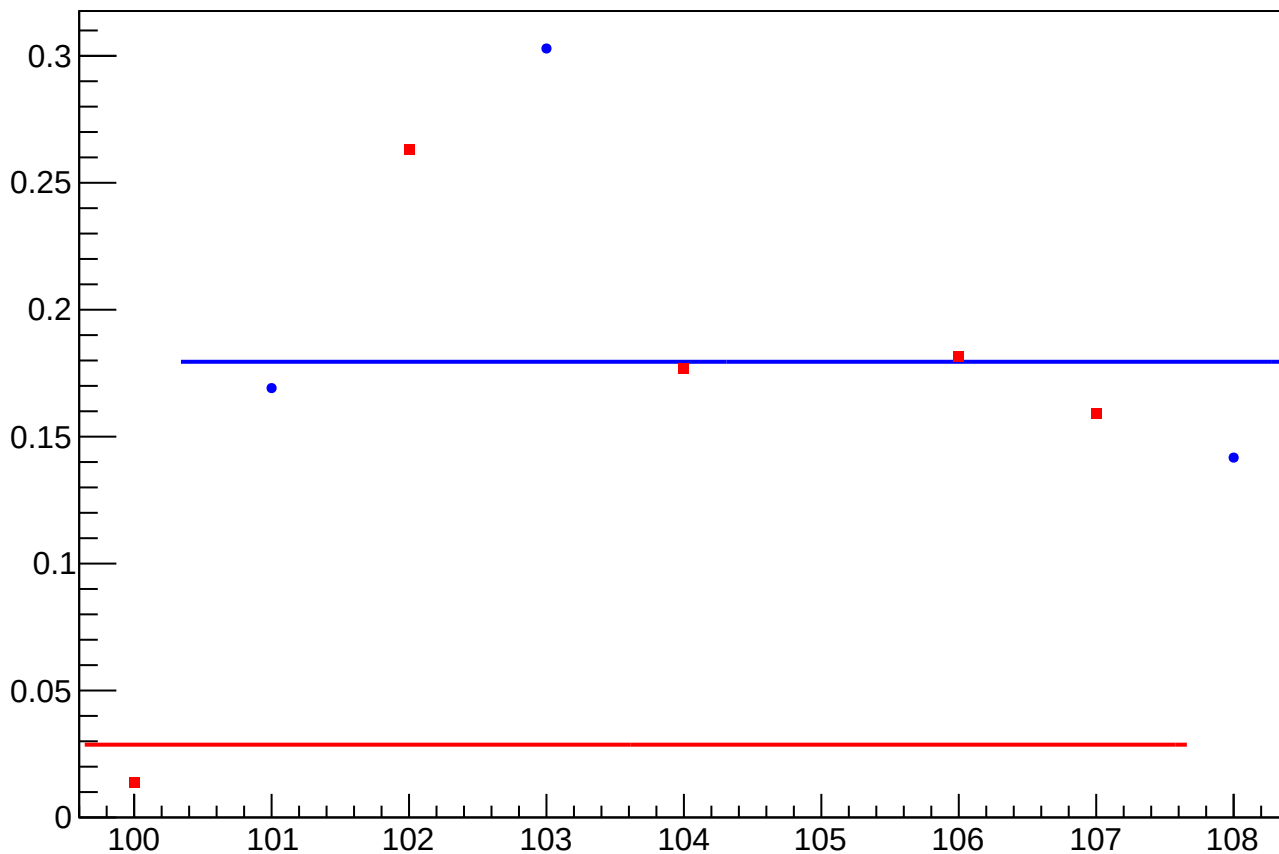
Right: 6.213+/-0.000 χ^2/NDF : 60135410873.6/7

In: 31.538+/-0.000 χ^2/NDF :24464109.1/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6.213+/-0.000 χ^2/NDF : 60135410873.6/7

yield_sam3_rms vs Slug, Sign Corrected



Right In: 0.179+/-0.000 χ^2/NDF : 241945.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.029+/-0.000 χ^2/NDF : 2220141.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

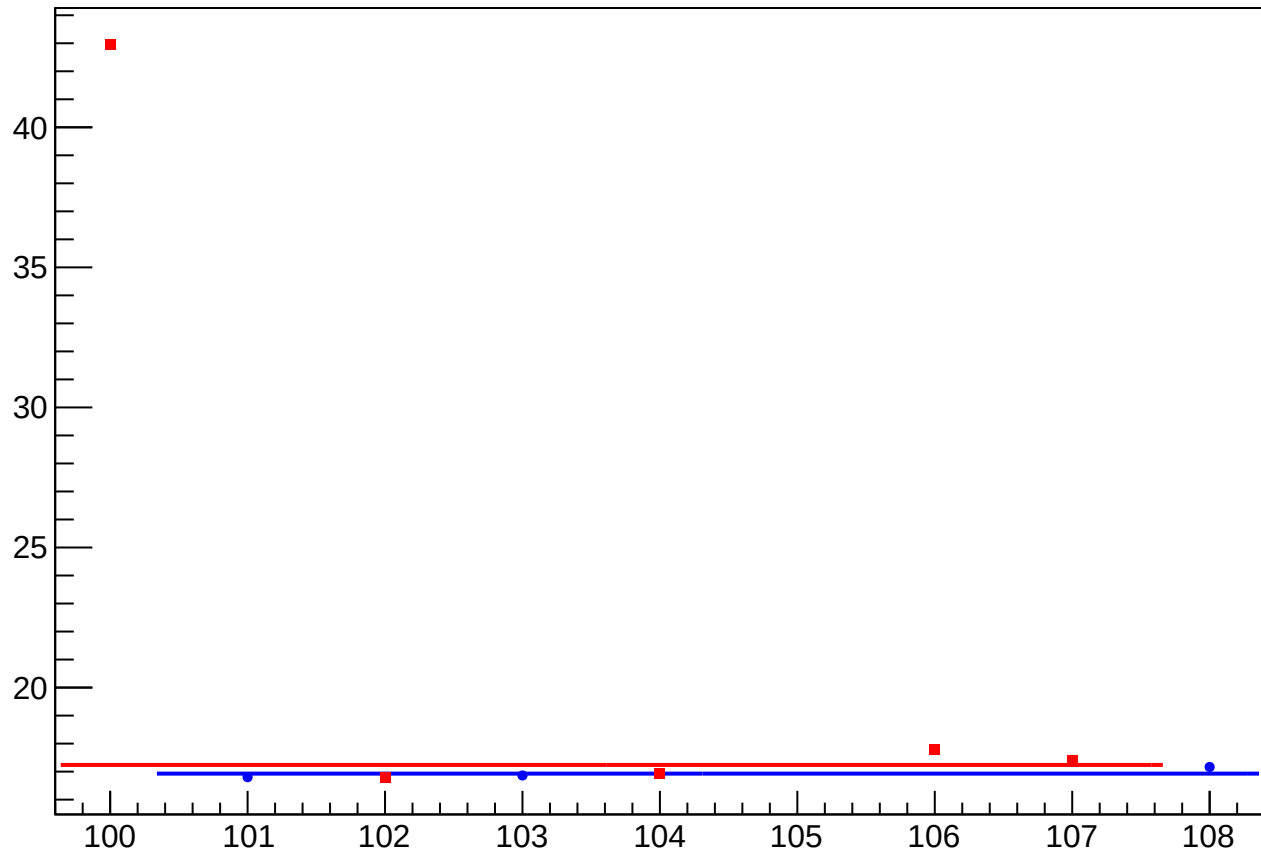
Right: 0.042+/-0.000 χ^2/NDF : 4158670.9/7

In: 0.179+/-0.000 χ^2/NDF : 241945.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.042+/-0.000 χ^2/NDF : 4158670.9/7

yield_sam4_mean vs Slug, Sign Corrected



Right In: 16.928+/-0.000 χ^2/NDF : 3027177.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.238+/-0.000 χ^2/NDF : 254308419.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

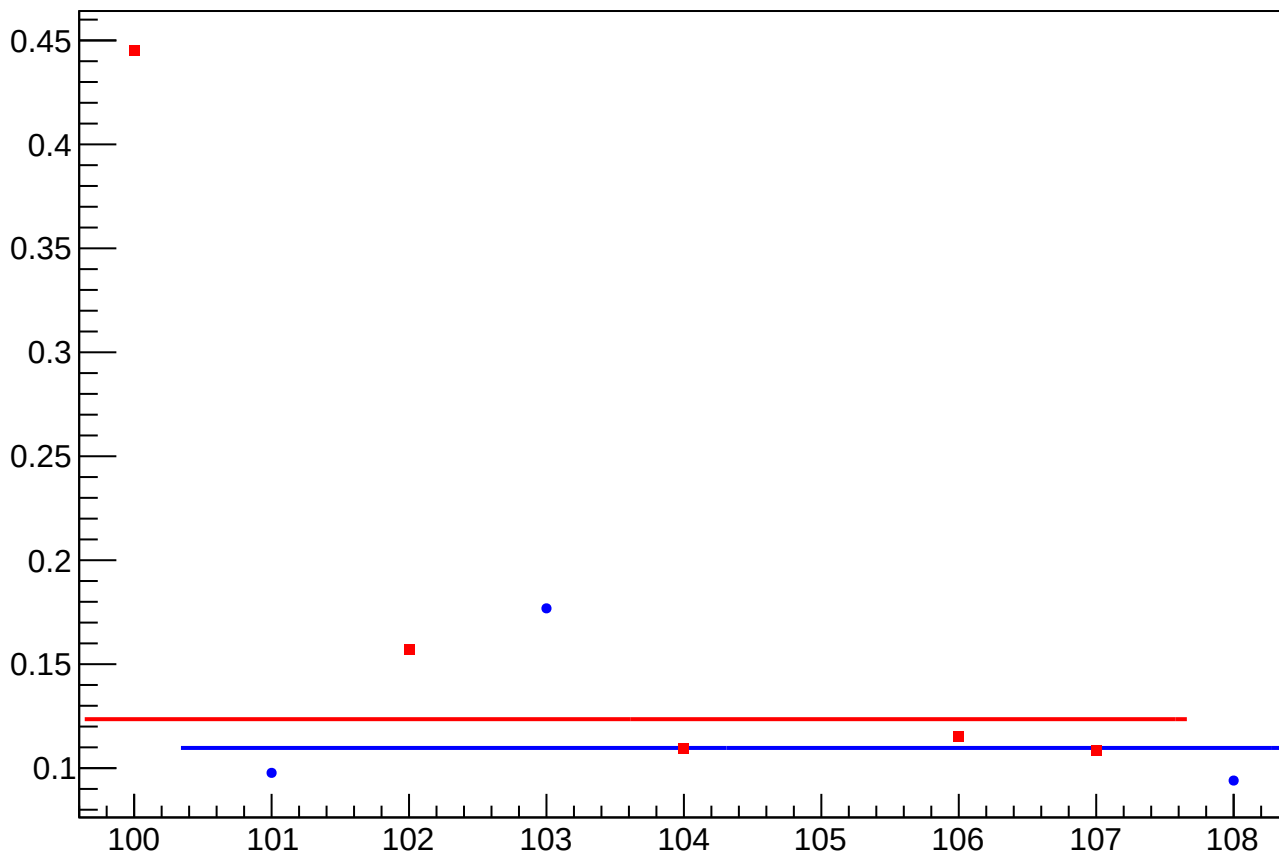
Right: 17.069+/-0.000 χ^2/NDF : 262235142.4/7

In: 16.928+/-0.000 χ^2/NDF : 3027177.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.069+/-0.000 χ^2/NDF : 262235142.4/7

yield_sam4_rms vs Slug, Sign Corrected



Right In: 0.110+/-0.000 χ^2/NDF : 203431.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.124+/-0.000 χ^2/NDF : 151474.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

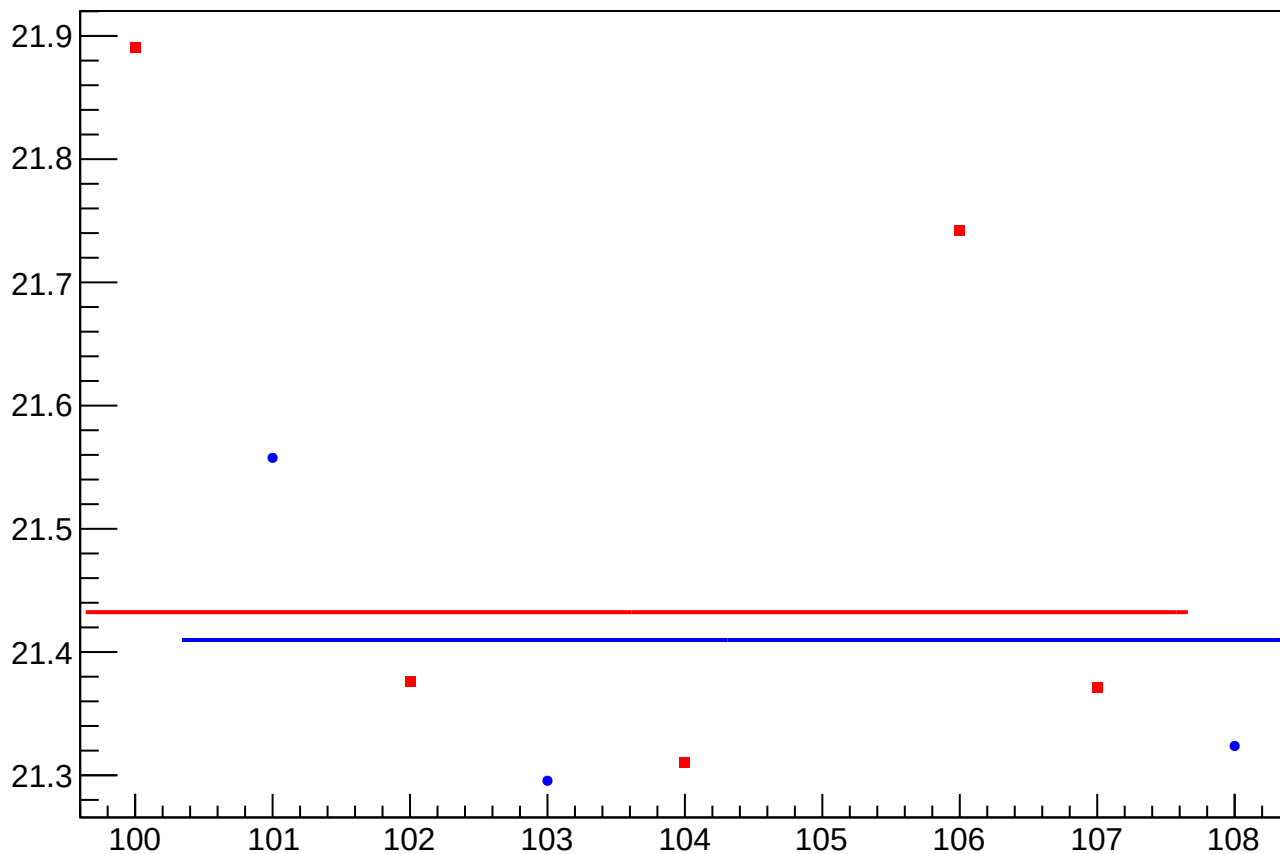
Right: 0.116+/-0.000 χ^2/NDF : 374459.0/7

In: 0.110+/-0.000 χ^2/NDF : 203431.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.116+/-0.000 χ^2/NDF : 374459.0/7

yield_sam5_mean vs Slug, Sign Corrected



Right In: 21.410+/-0.000 χ^2/NDF : 42157778.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.432+/-0.000 χ^2/NDF : 76219106.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

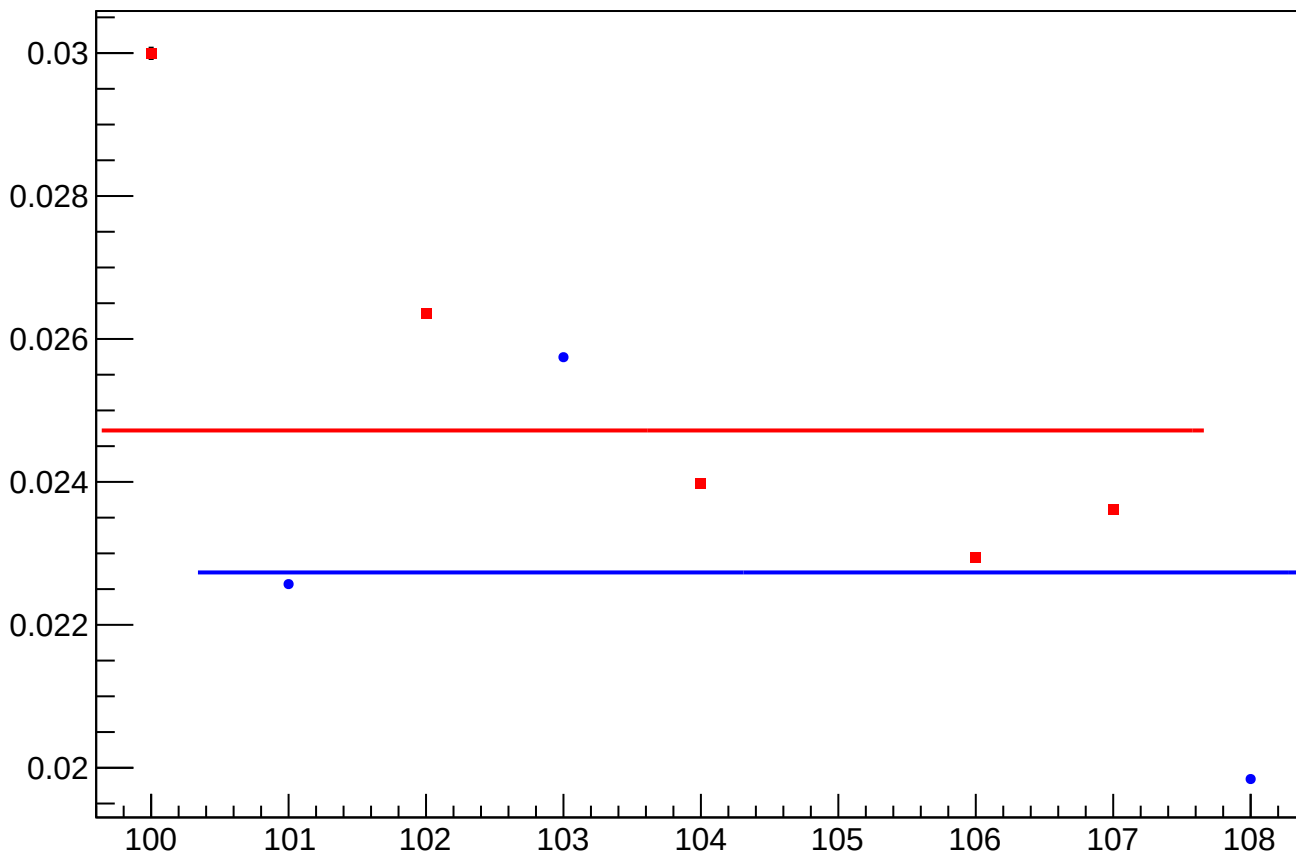
Right: 21.421+/-0.000 χ^2/NDF : 119069114.2/7

In: 21.410+/-0.000 χ^2/NDF : 42157778.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.421+/-0.000 χ^2/NDF : 119069114.2/7

yield_sam5_rms vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 29350.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.025+/-0.000 χ^2/NDF : 13764.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

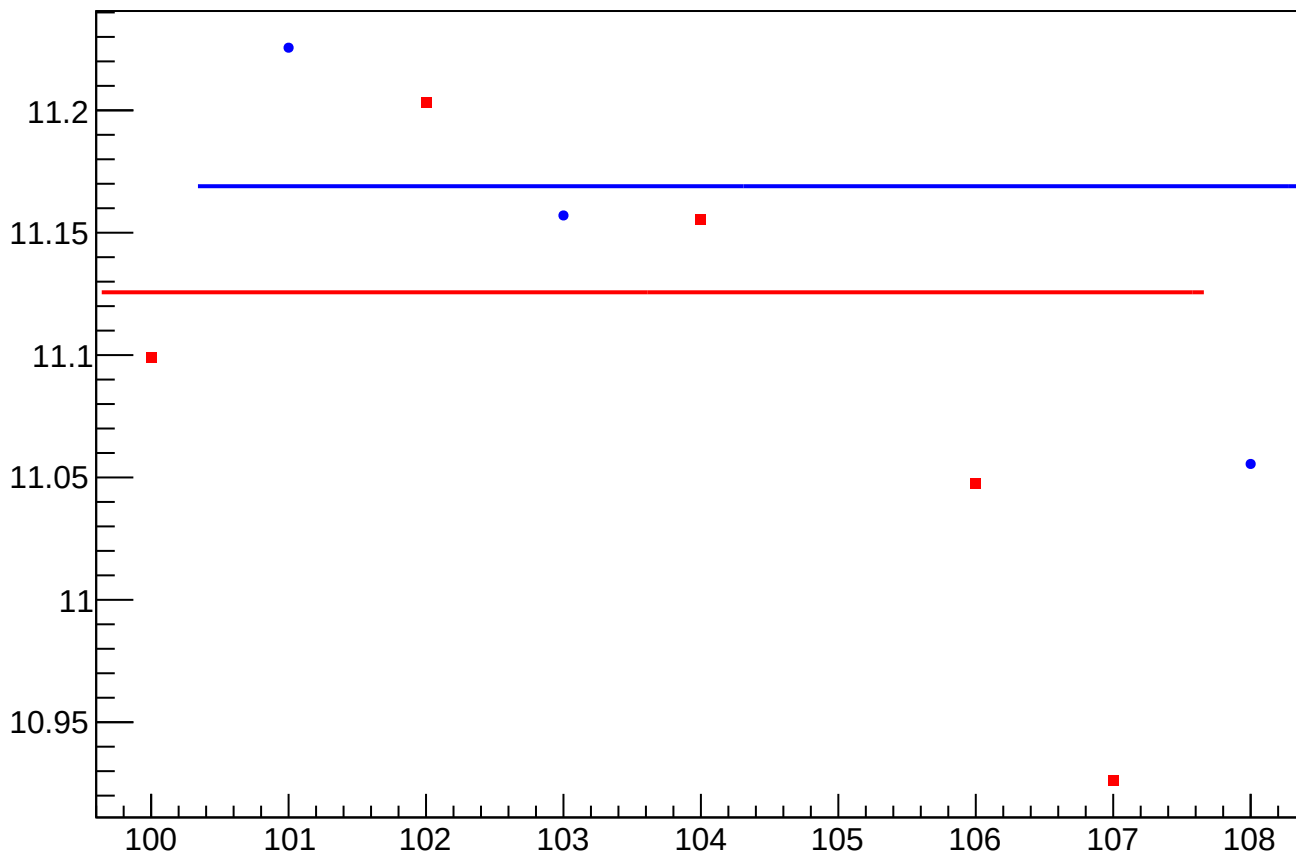
Right: 0.024+/-0.000 χ^2/NDF : 53822.4/7

In: 0.023+/-0.000 χ^2/NDF : 29350.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 53822.4/7

yield_sam6_mean vs Slug, Sign Corrected



Right In: 11.169+/-0.000 χ^2/NDF : 65593644.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.126+/-0.000 χ^2/NDF : 85301124.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

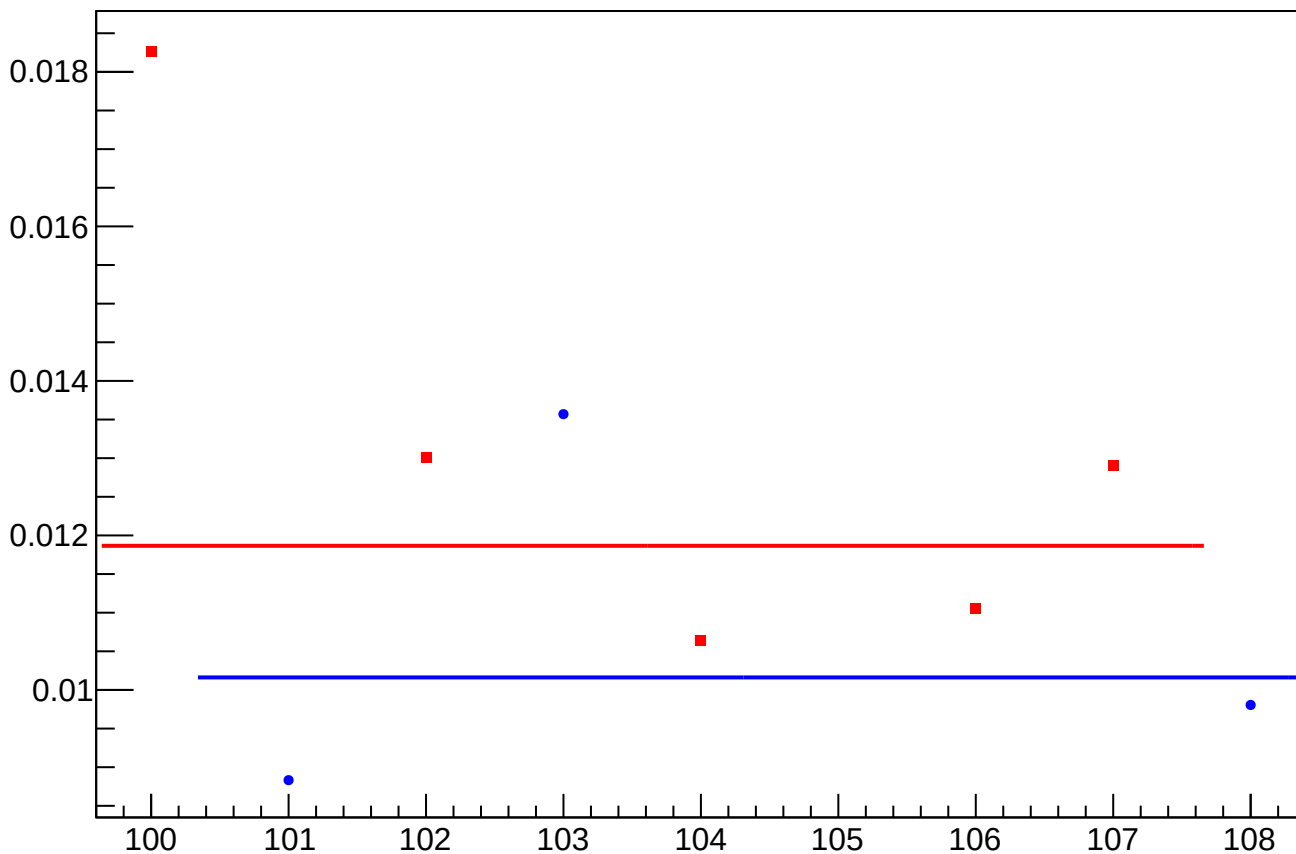
Right: 11.149+/-0.000 χ^2/NDF : 162420459.7/7

In: 11.169+/-0.000 χ^2/NDF : 65593644.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.149+/-0.000 χ^2/NDF : 162420459.7/7

yield_sam6_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 99631.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 44880.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

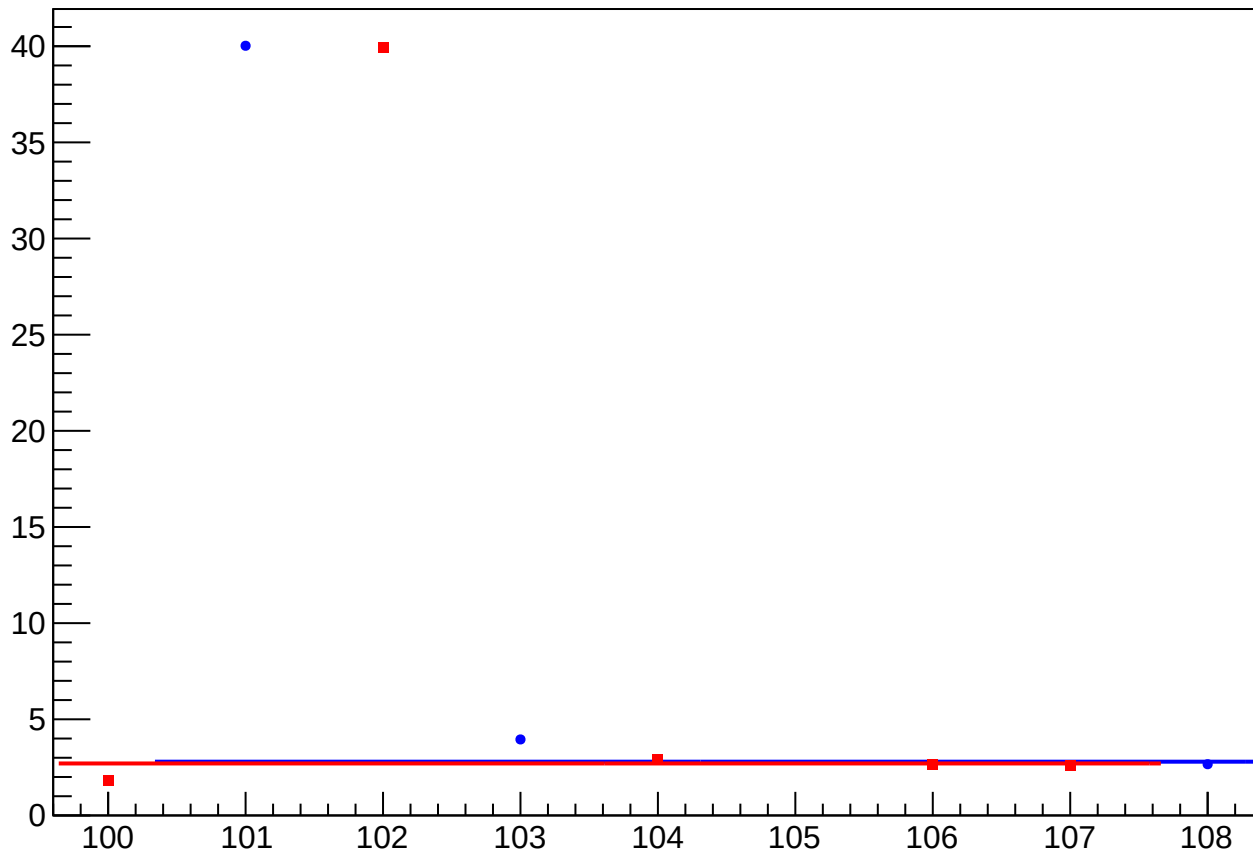
Right: 0.011+/-0.000 χ^2/NDF : 180131.6/7

In: 0.010+/-0.000 χ^2/NDF : 99631.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 180131.6/7

yield_sam7_mean vs Slug, Sign Corrected



Right In: 2.796+/-0.000 χ^2/NDF : 61313359044.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.703+/-0.000 χ^2/NDF : 59916879961.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

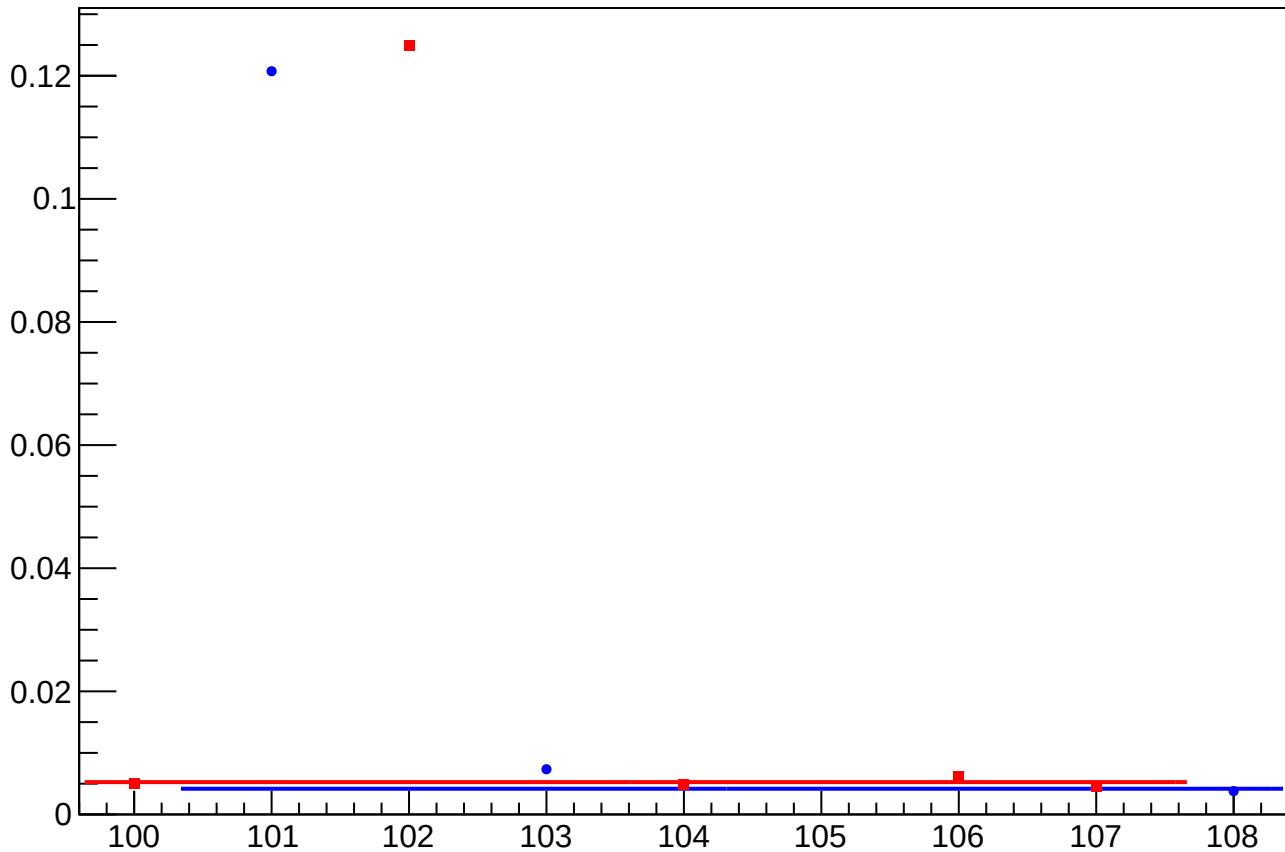
Right: 2.743+/-0.000 χ^2/NDF : 121344888574.1/7

In: 2.796+/-0.000 χ^2/NDF : 61313359044.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.743+/-0.000 χ^2/NDF : 121344888574.1

yield_sam7_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 1194242.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1207051.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

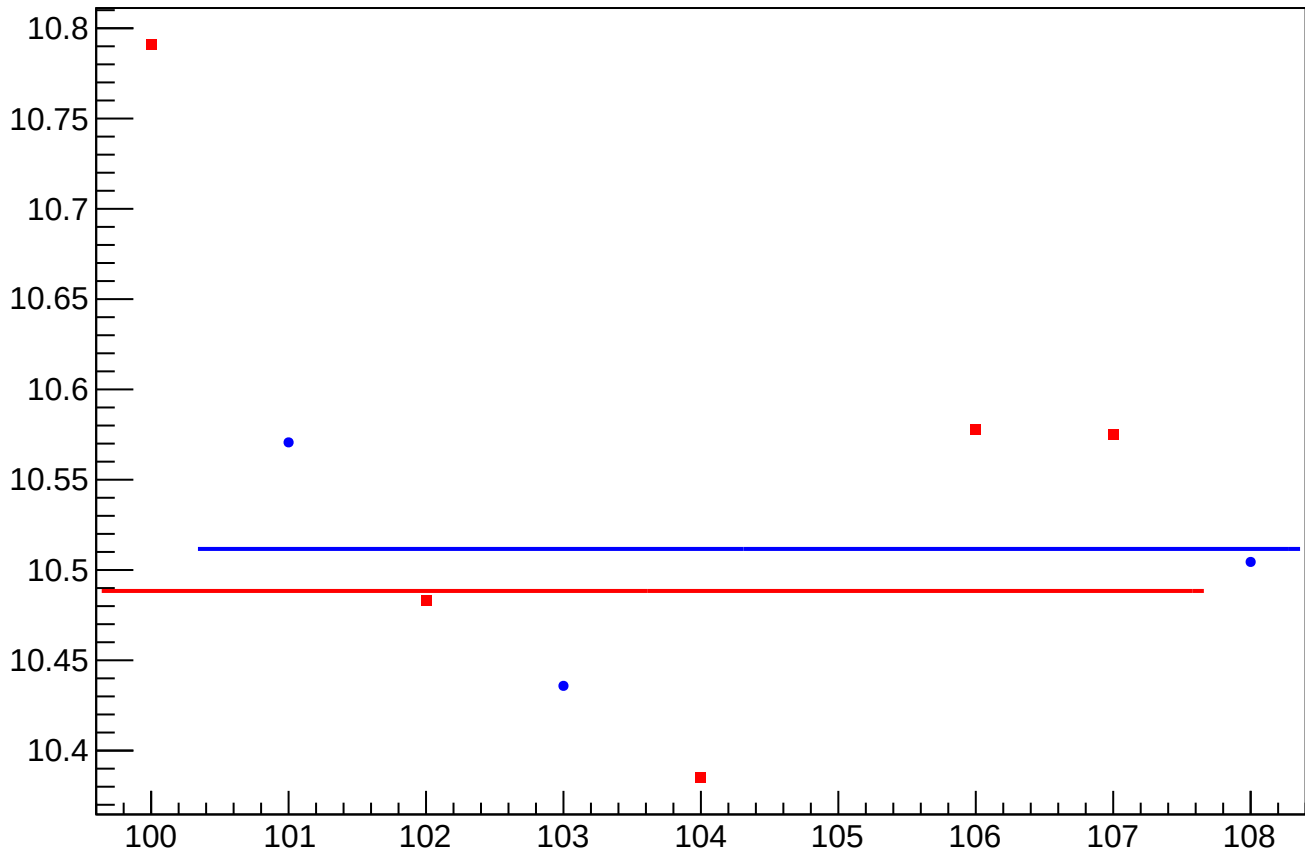
Right: 0.005+/-0.000 χ^2/NDF : 2432256.1/7

In: 0.004+/-0.000 χ^2/NDF : 1194242.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2432256.1/7

yield_sam8_mean vs Slug, Sign Corrected



Right In: 10.512+/-0.000 χ^2/NDF : 41187638.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.488+/-0.000 χ^2/NDF : 130286195.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

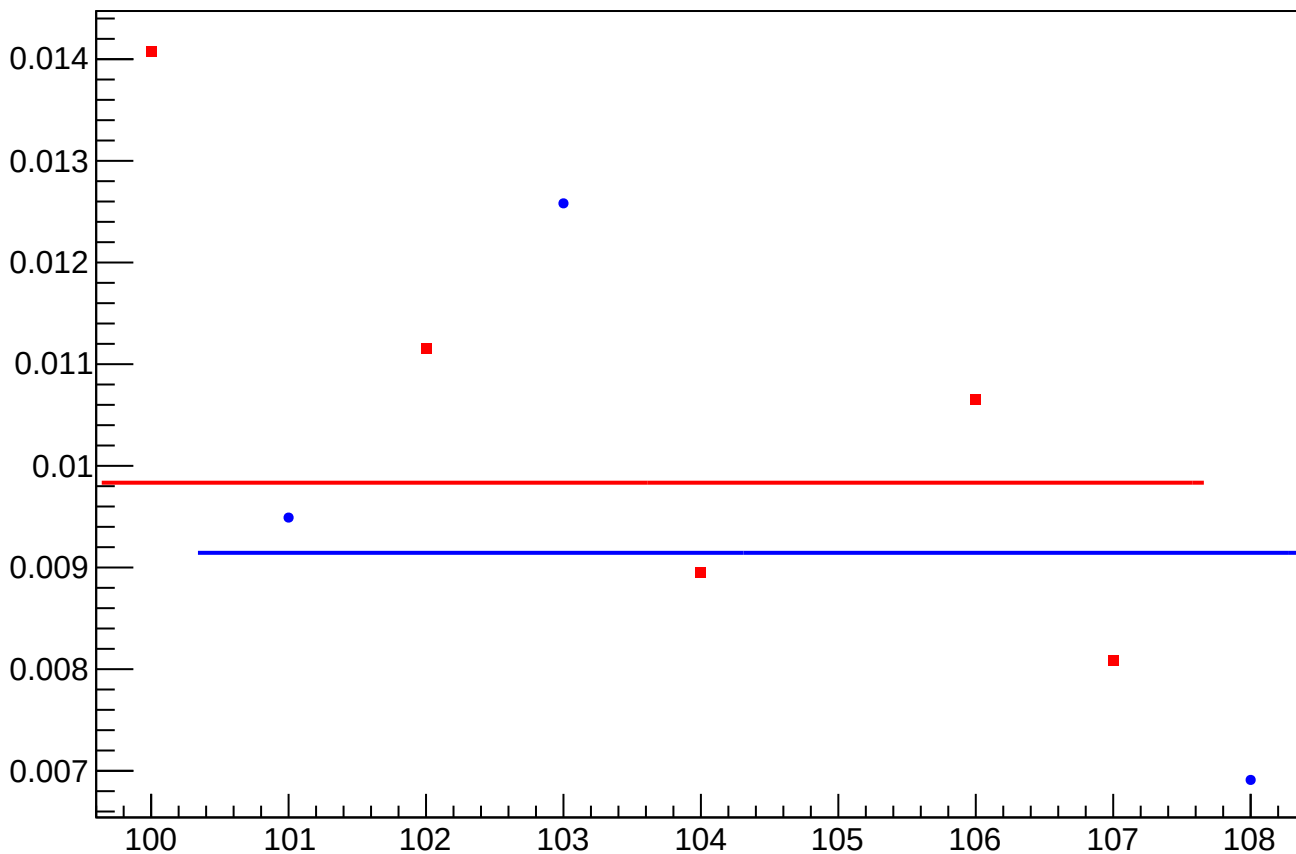
Right: 10.500+/-0.000 χ^2/NDF : 175797779.0/7

In: 10.512+/-0.000 χ^2/NDF : 41187638.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.500+/-0.000 χ^2/NDF : 175797779.0/7

yield_sam8_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 155119.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 57841.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

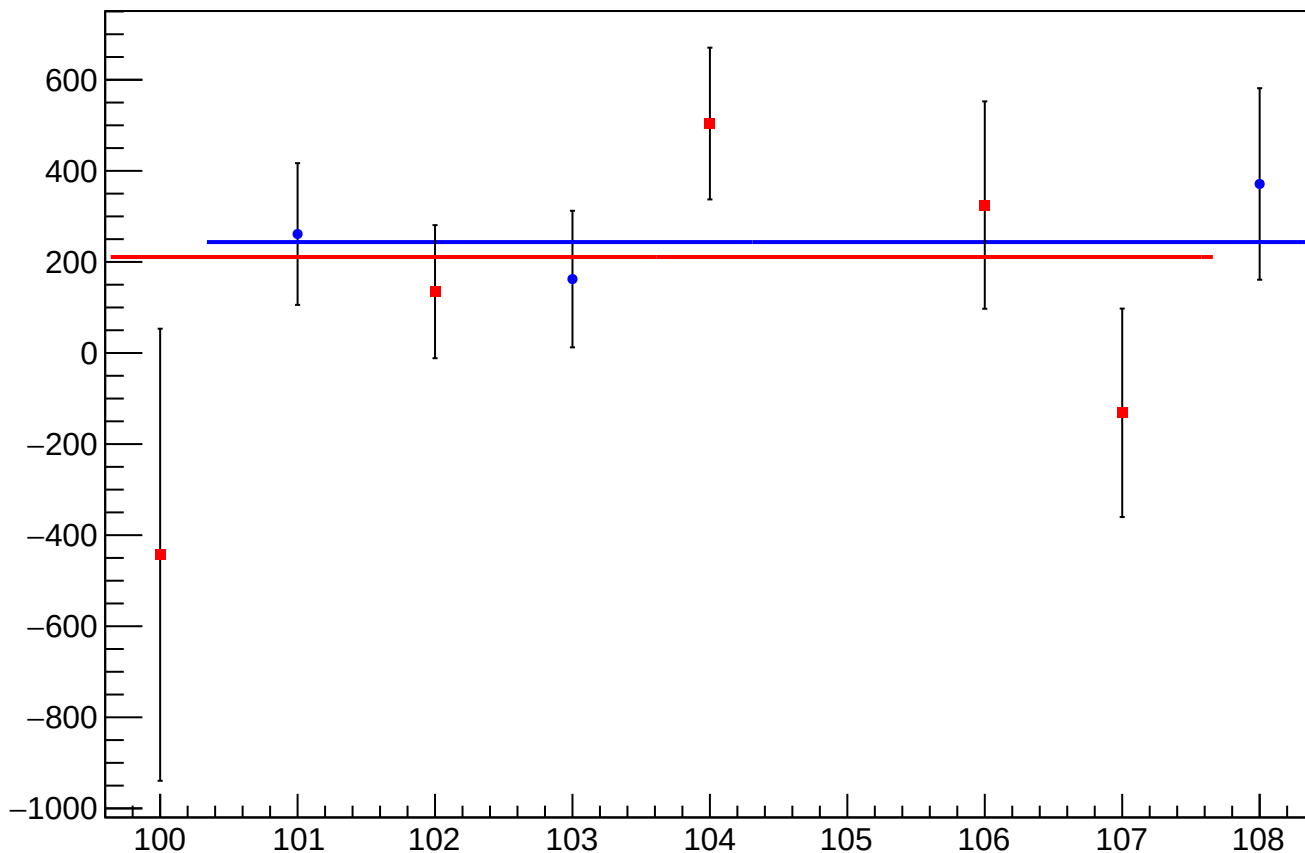
Right: 0.009+/-0.000 χ^2/NDF : 220557.6/7

In: 0.009+/-0.000 χ^2/NDF : 155119.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 220557.6/7

reg_asym_sam1_mean vs Slug, Sign Corrected



Right In: 243.626 $\pm$ 96.056 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 210.876 $\pm$ 89.341 χ^2 /NDF: 7.6/4

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

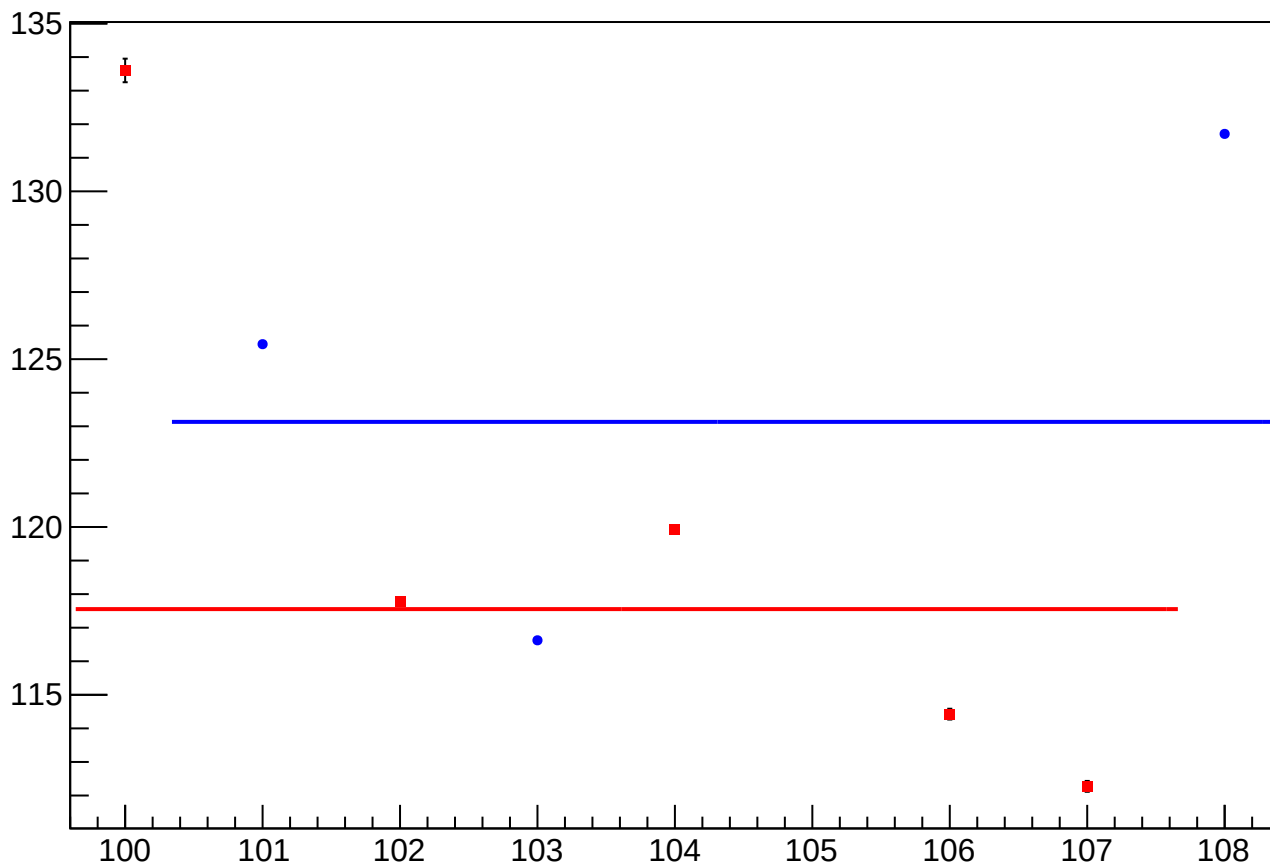
Right: 226.066 $\pm$ 65.419 χ^2 /NDF: 8.3/7

In: 243.626 $\pm$ 96.056 χ^2 /NDF: 0.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 226.066 $\pm$ 65.419 χ^2 /NDF: 8.3/7

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 123.132+/-0.068 χ^2/NDF : 7539.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 117.554+/-0.063 χ^2/NDF : 3943.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

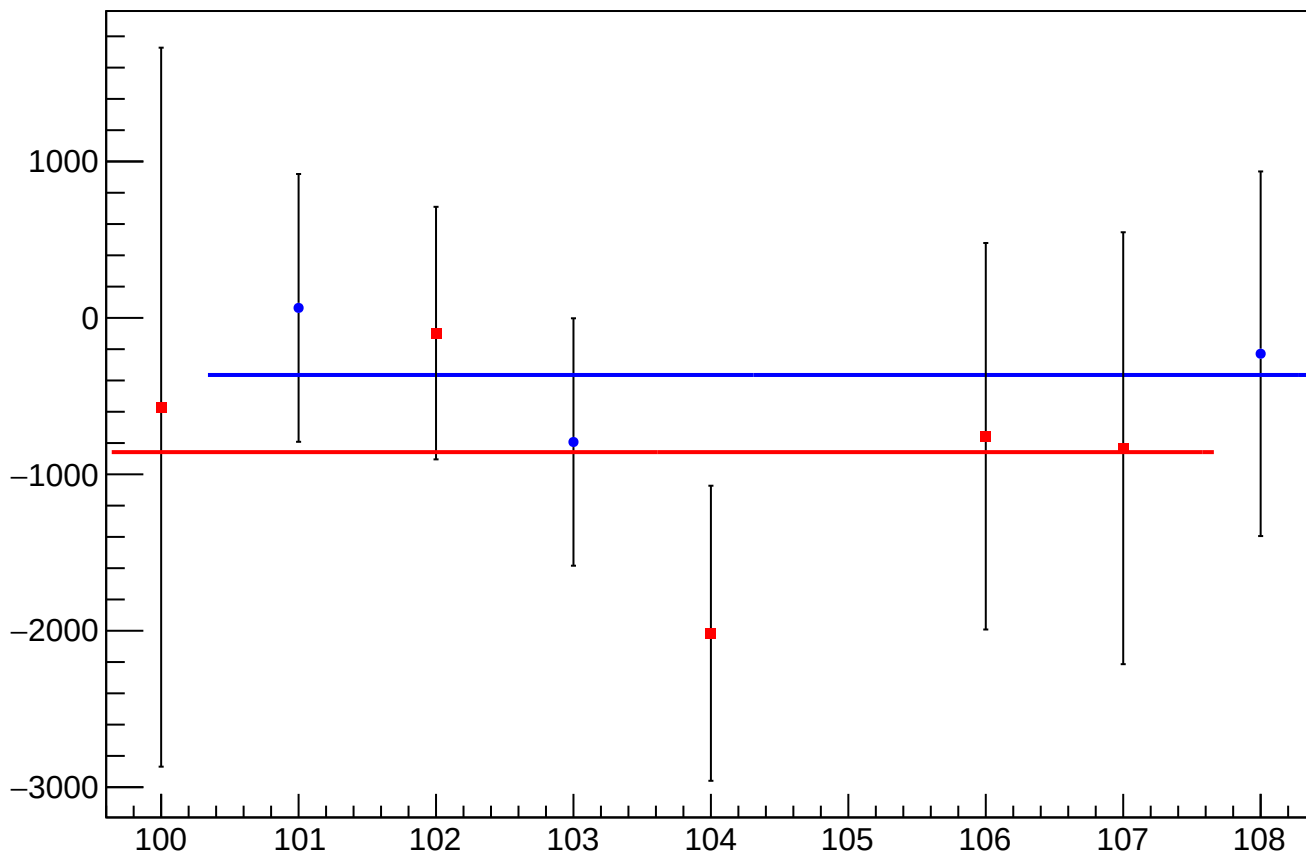
Right: 120.141+/-0.046 χ^2/NDF : 15098.7/7

In: 123.132+/-0.068 χ^2/NDF : 7539.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.141+/-0.046 χ^2/NDF : 15098.7/7

asym_sam1_reg_correction_mean vs Slug, Sign Corrected



Right In: -364.826+/-519.877 χ^2/NDF : 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -858.020+/-498.250 χ^2/NDF : 2.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

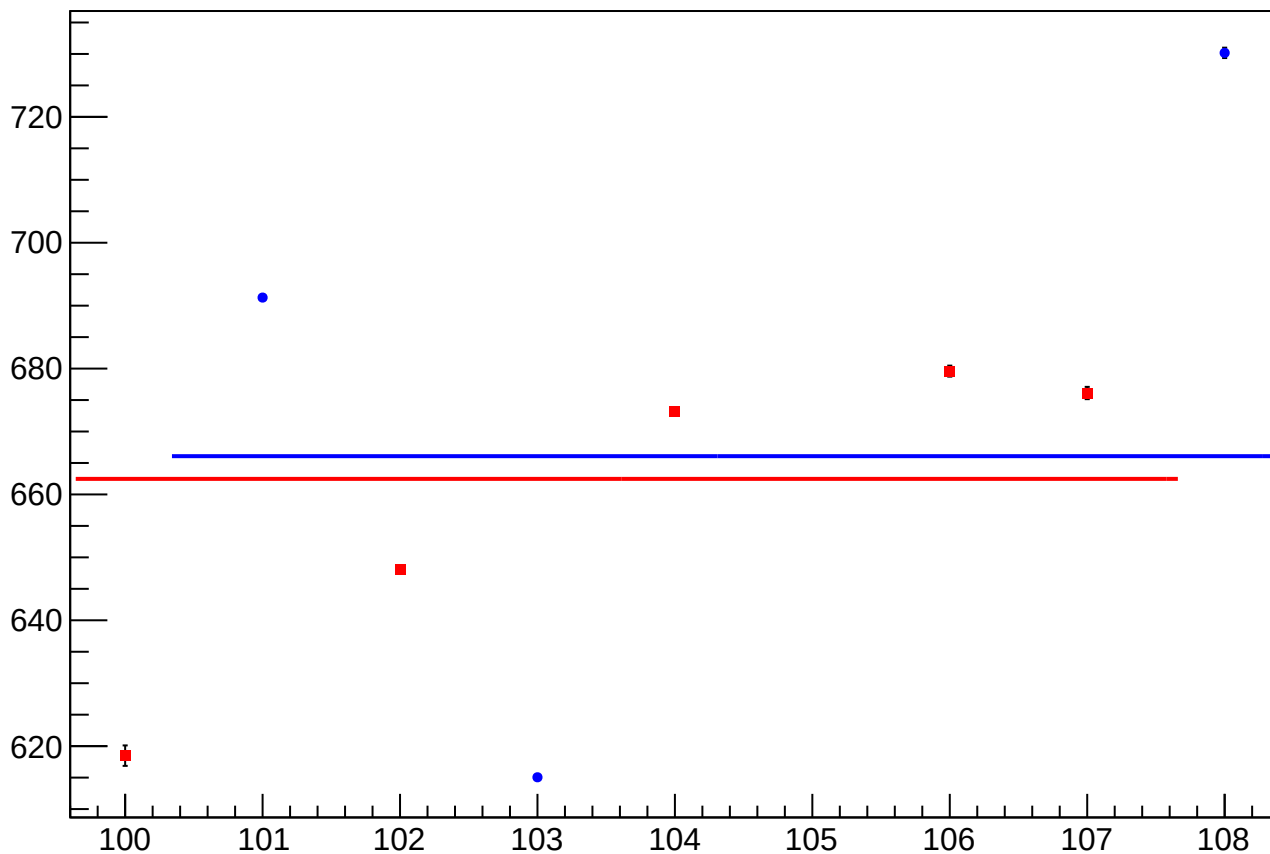
Right: -621.894+/-359.719 χ^2/NDF : 3.4/7

In: -364.826+/-519.877 χ^2/NDF : 0.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -621.894+/-359.719 χ^2/NDF : 3.4/7

asym_sam1_reg_correction_rms vs Slug, Sign Corrected



Right In: 666.081 $\pm$ 0.368 χ^2 /NDF: 16109.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 662.473 $\pm$ 0.352 χ^2 /NDF: 2210.7/4

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

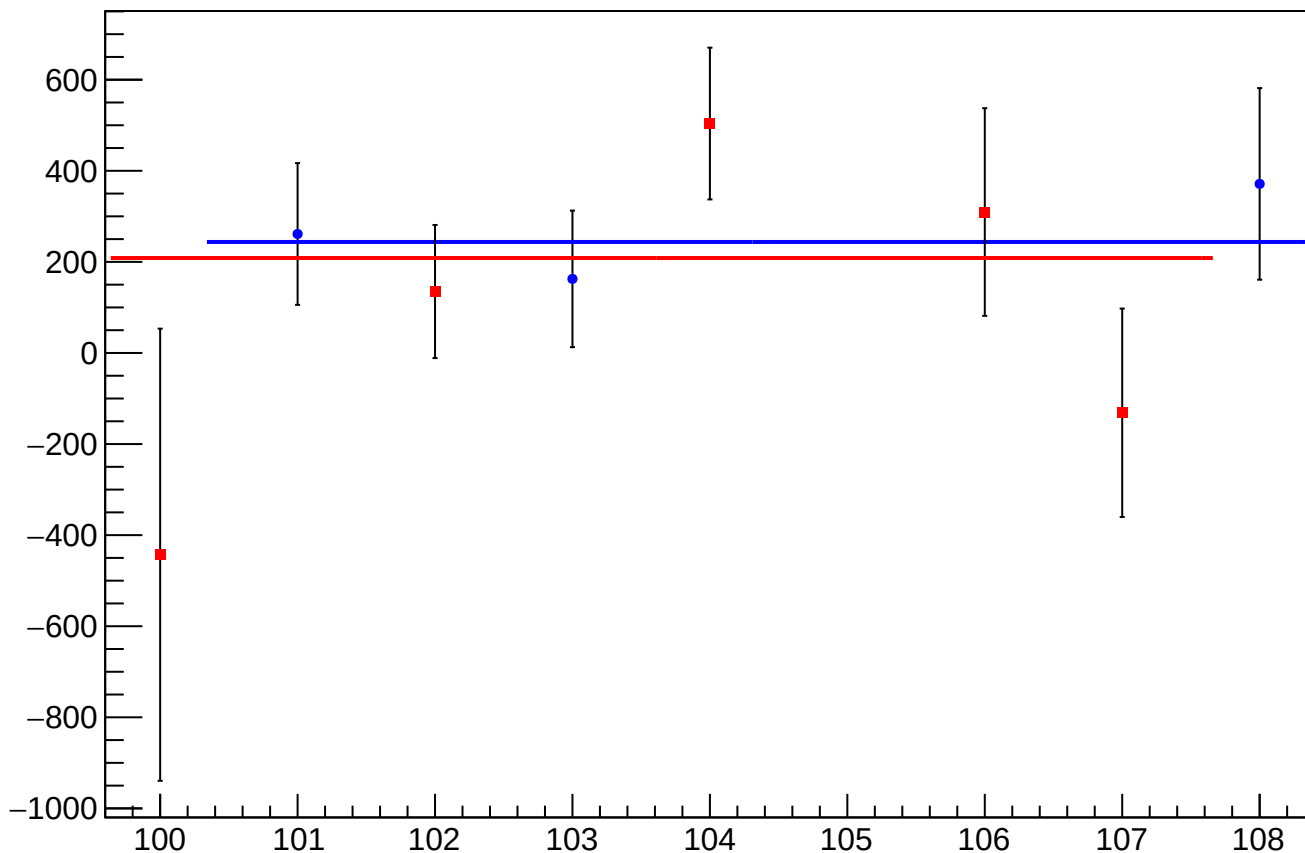
Right: 664.200 $\pm$ 0.254 χ^2 /NDF: 18370.6/7

In: 666.081 $\pm$ 0.368 χ^2 /NDF: 16109.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 664.200 $\pm$ 0.254 χ^2 /NDF: 18370.6/7

cor_asym_sam1_mean vs Slug, Sign Corrected



Right In: 243.733 $\pm$ 96.056 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 208.504 $\pm$ 89.362 χ^2 /NDF: 7.5/4

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

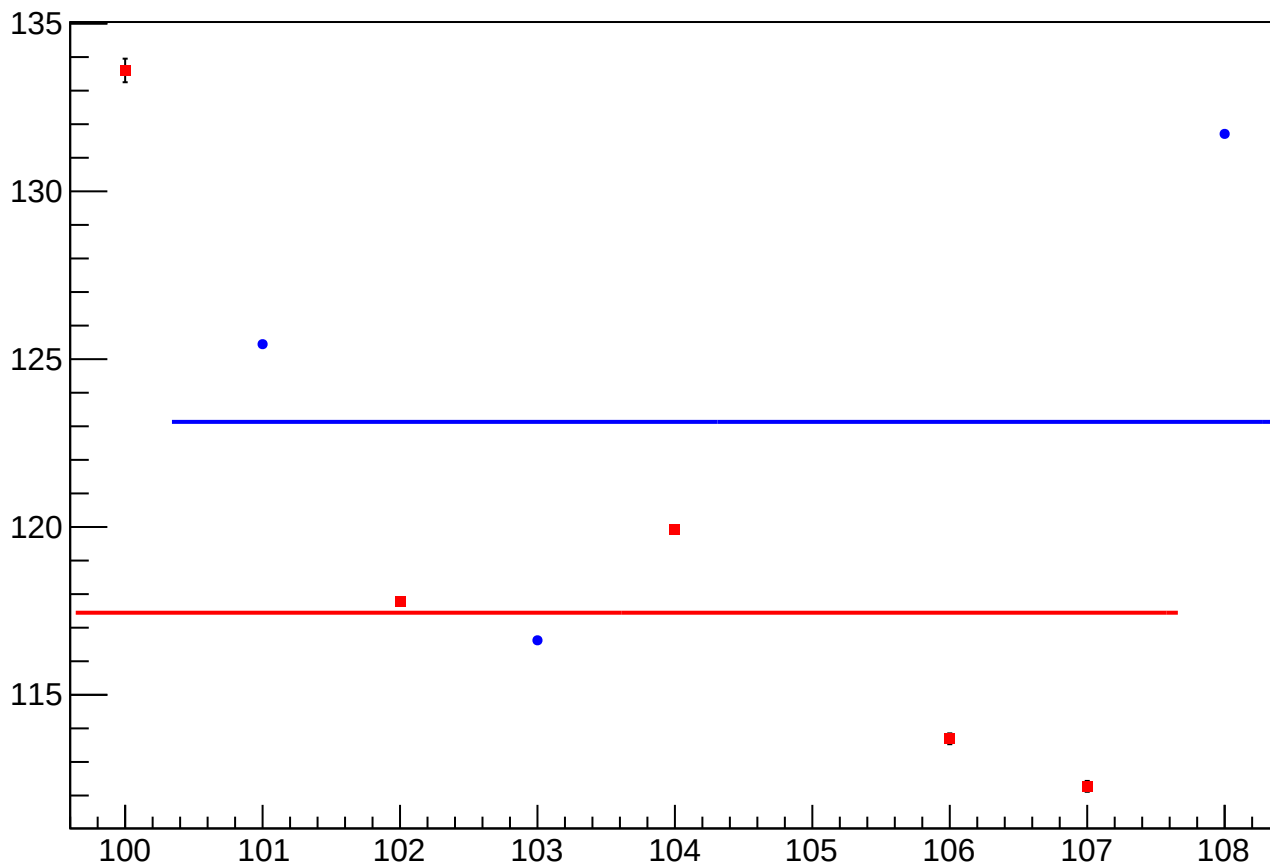
Right: 224.848 $\pm$ 65.427 χ^2 /NDF: 8.3/7

In: 243.733 $\pm$ 96.056 χ^2 /NDF: 0.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 224.848 $\pm$ 65.427 χ^2 /NDF: 8.3/7

cor_asym_sam1_rms vs Slug, Sign Corrected



Right In: 123.132 $\pm$ 0.068 χ^2 /NDF: 7539.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 117.446 $\pm$ 0.063 χ^2 /NDF: 4137.7/4

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

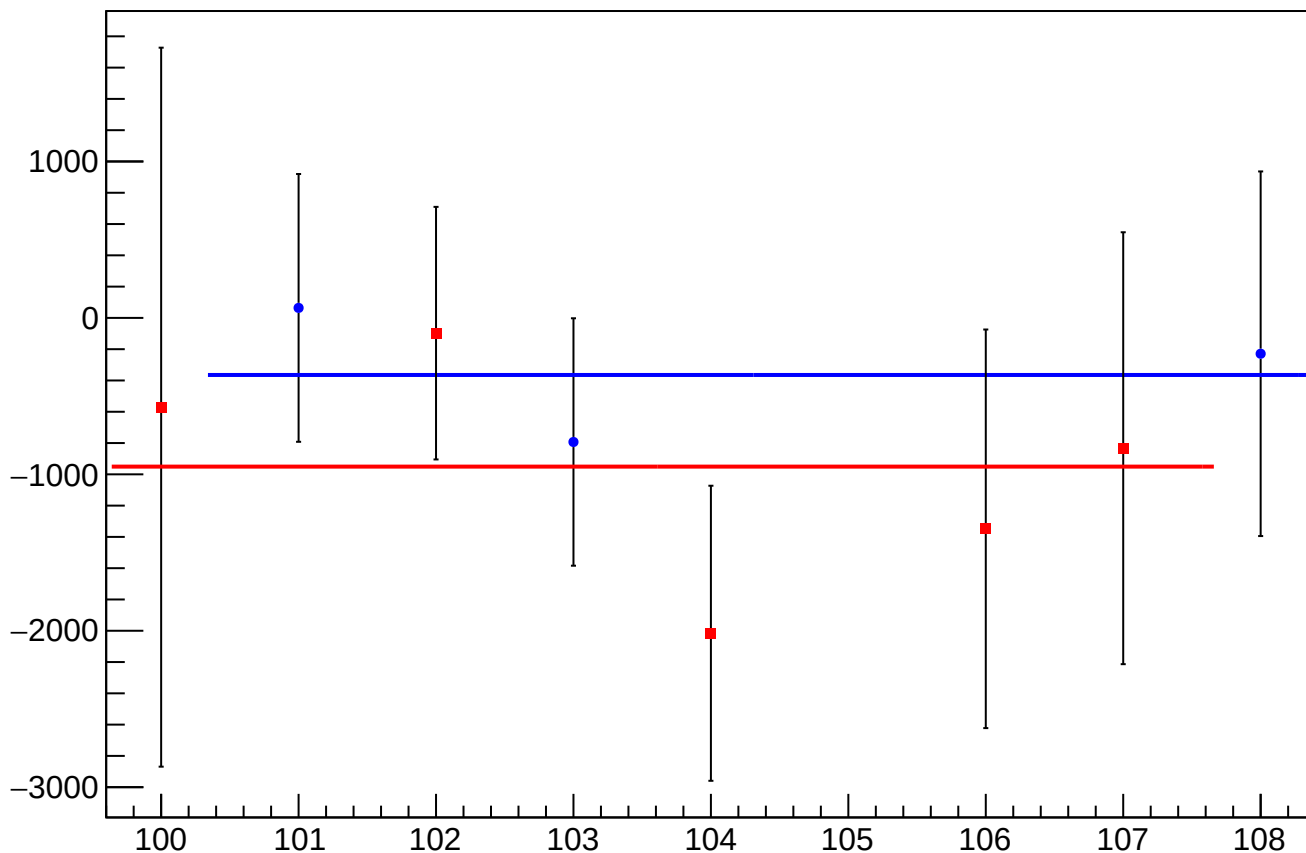
Right: 120.084 $\pm$ 0.046 χ^2 /NDF: 15433.0/7

In: 123.132 $\pm$ 0.068 χ^2 /NDF:7539.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 120.084 $\pm$ 0.046 χ^2 /NDF: 15433.0/7

asym_sam1_cor_correction_mean vs Slug, Sign Corrected



Right In: -364.800+/-519.875 χ^2/NDF : 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -950.641+/-500.705 χ^2/NDF : 2.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

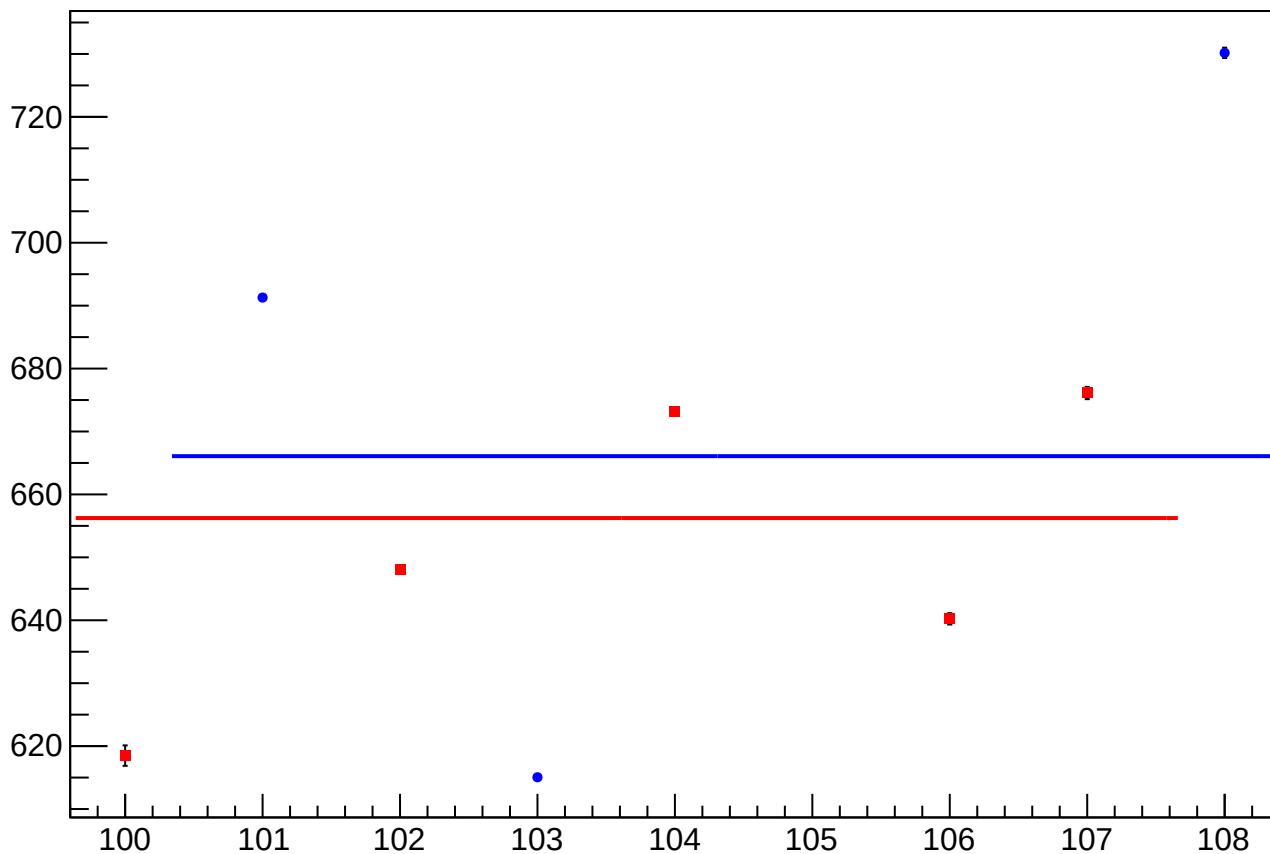
Right: -668.721+/-360.639 χ^2/NDF : 3.7/7

In: -364.800+/-519.875 χ^2/NDF : 0.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -668.721+/-360.639 χ^2/NDF : 3.7/7

asym_sam1_cor_correction_rms vs Slug, Sign Corrected



Right In: 666.079 $\pm$ 0.368 χ^2 /NDF: 16112.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 656.245 $\pm$ 0.354 χ^2 /NDF: 2120.1/4

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

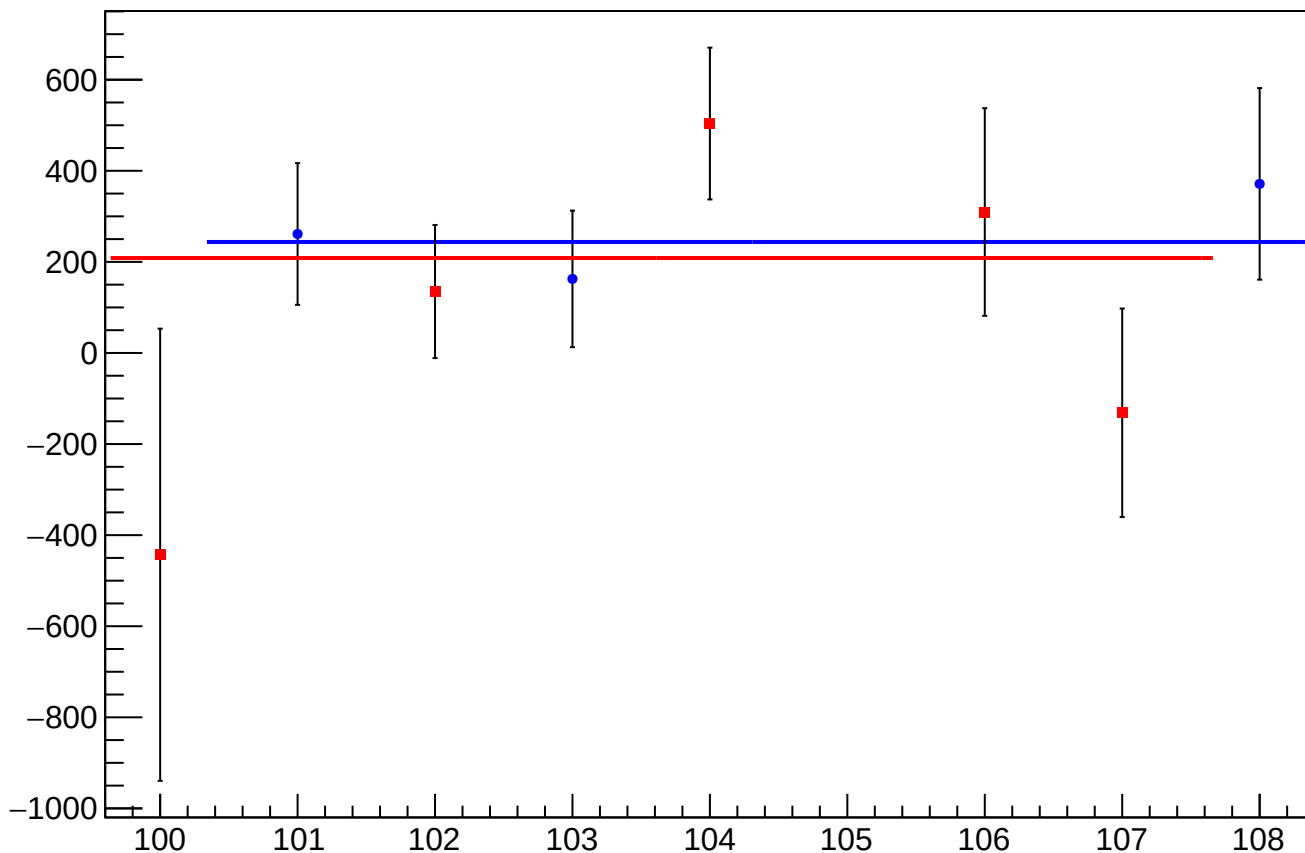
Right: 660.977 $\pm$ 0.255 χ^2 /NDF: 18603.4/7

In: 666.079 $\pm$ 0.368 χ^2 /NDF: 16112.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 660.977 $\pm$ 0.255 χ^2 /NDF: 18603.4/7

eigen_cor_asym_sam1_mean vs Slug, Sign Corrected



Right In: 243.733 $\pm$ 96.056 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 208.504 $\pm$ 89.362 χ^2 /NDF: 7.5/4

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

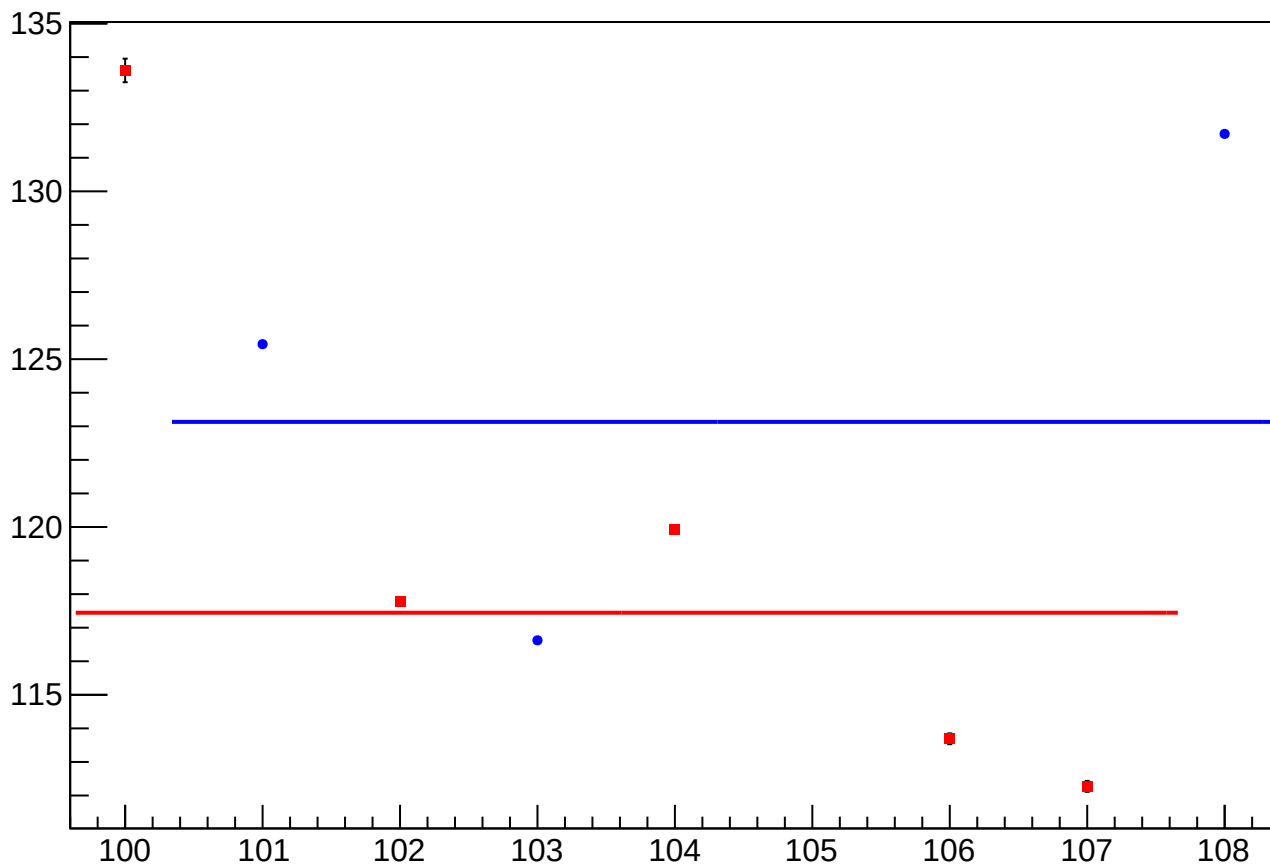
Right: 224.848 $\pm$ 65.427 χ^2 /NDF: 8.3/7

In: 243.733 $\pm$ 96.056 χ^2 /NDF: 0.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 224.848 $\pm$ 65.427 χ^2 /NDF: 8.3/7

eigen_cor_asym_sam1_rms vs Slug, Sign Corrected



Right In: 123.132 $\pm$ 0.068 χ^2 /NDF: 7539.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 117.446 $\pm$ 0.063 χ^2 /NDF: 4137.7/4

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

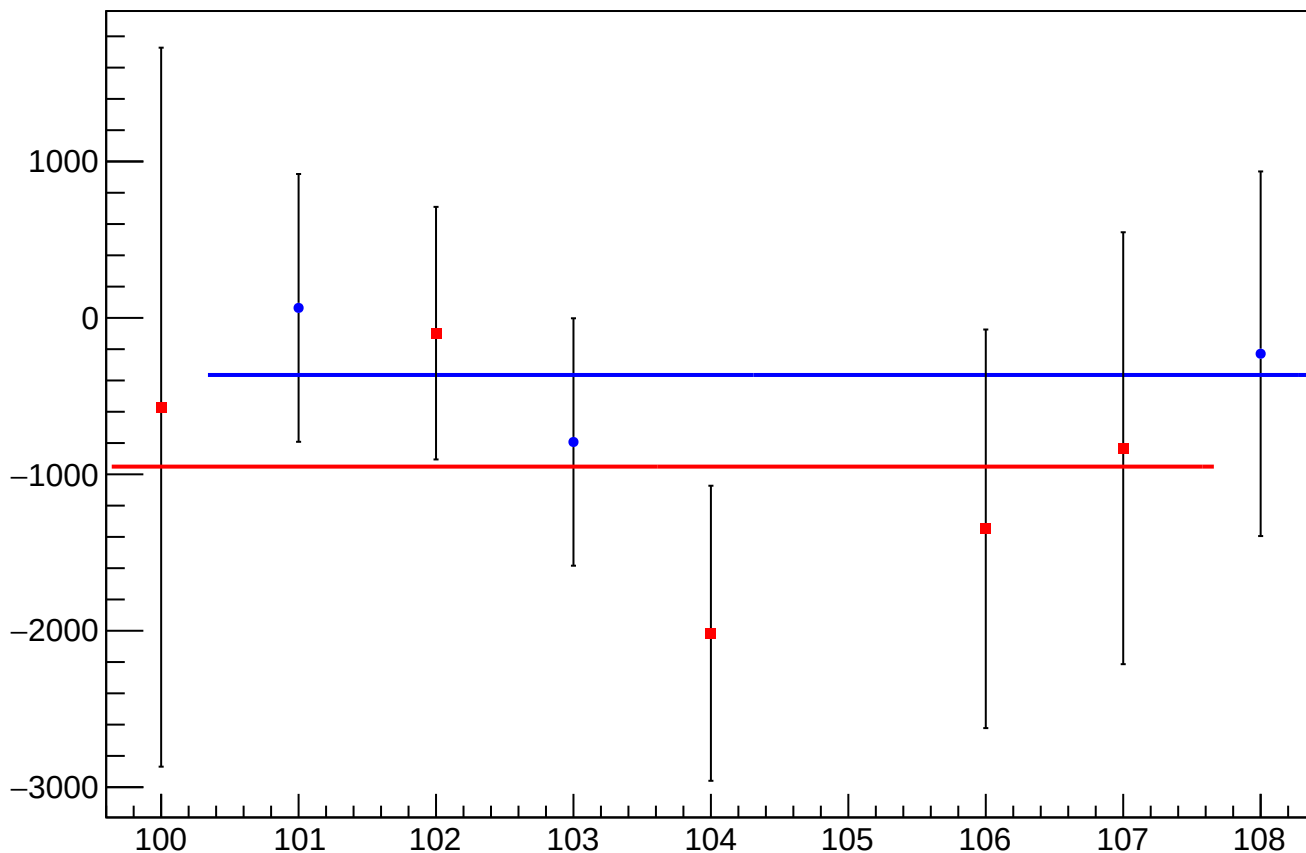
Right: 120.084 $\pm$ 0.046 χ^2 /NDF: 15433.0/7

In: 123.132 $\pm$ 0.068 χ^2 /NDF:7539.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 120.084 $\pm$ 0.046 χ^2 /NDF: 15433.0/7

asym_sam1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -364.800+/-519.875 χ^2/NDF : 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -950.641+/-500.705 χ^2/NDF : 2.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

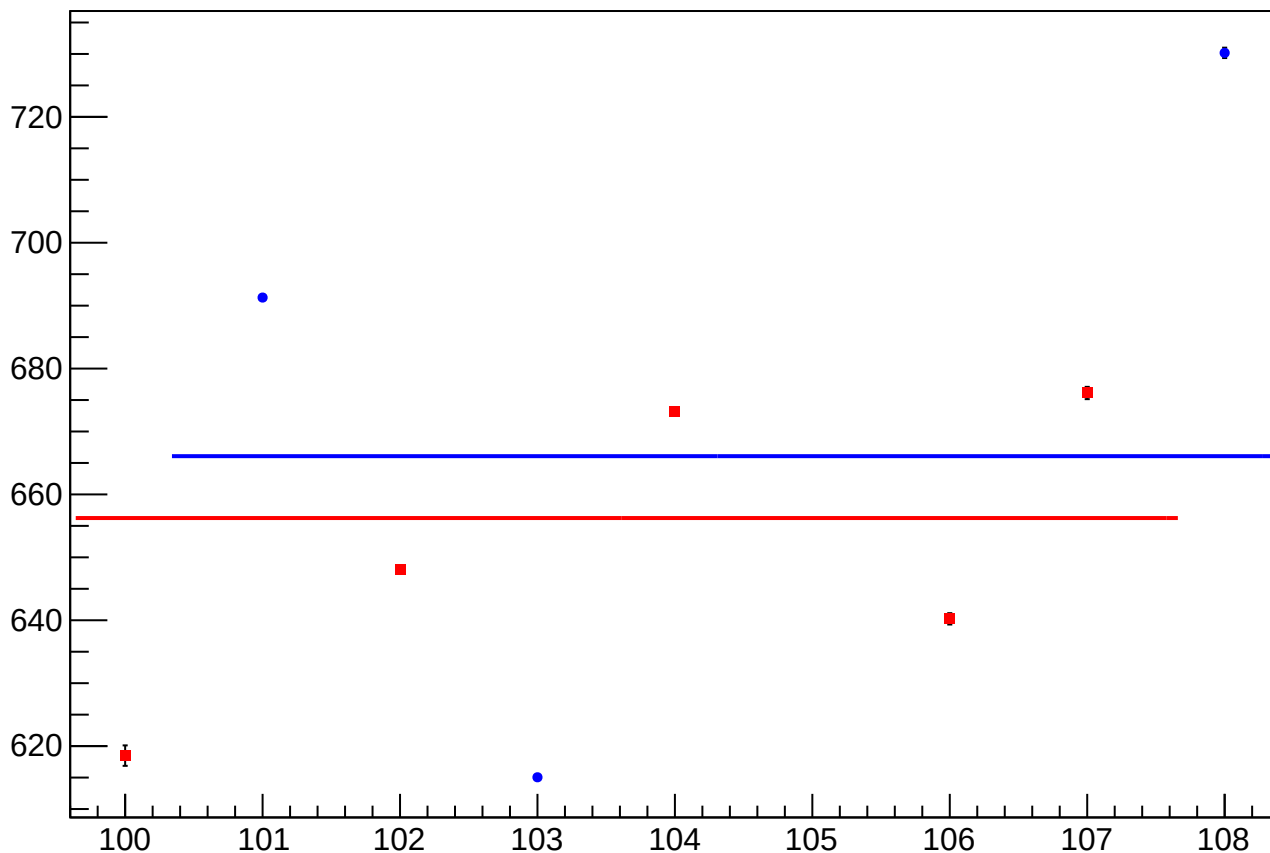
Right: -668.721+/-360.639 χ^2/NDF : 3.7/7

In: -364.800+/-519.875 χ^2/NDF : 0.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -668.721+/-360.639 χ^2/NDF : 3.7/7

asym_sam1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 666.079+/-0.368 χ^2/NDF : 16112.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 656.245+/-0.354 χ^2/NDF : 2120.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

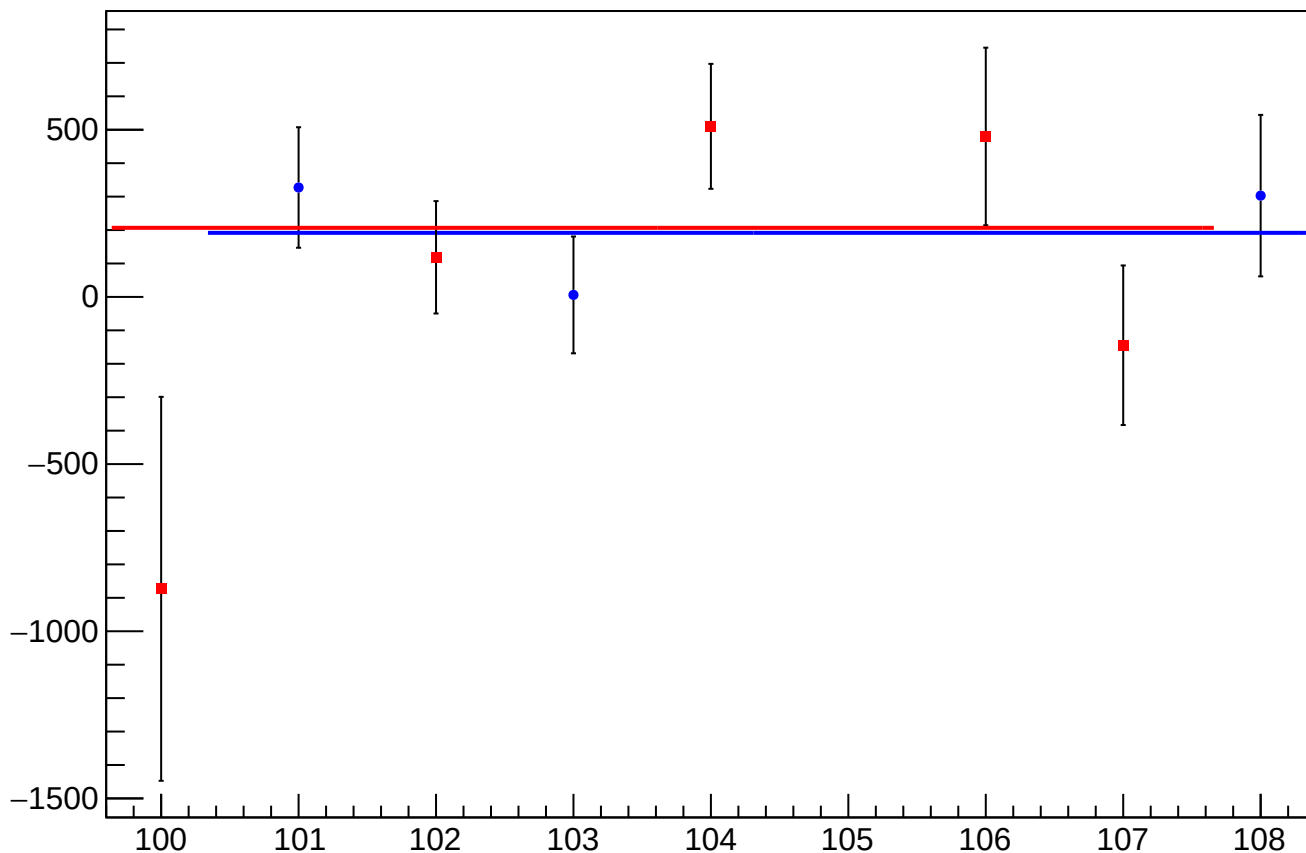
Right: 660.977+/-0.255 χ^2/NDF : 18603.4/7

In: 666.079+/-0.368 χ^2/NDF : 16112.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 660.977+/-0.255 χ^2/NDF : 18603.4/7

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 191.669+/-111.320 χ^2/NDF : 1.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 206.691+/-100.607 χ^2/NDF : 9.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

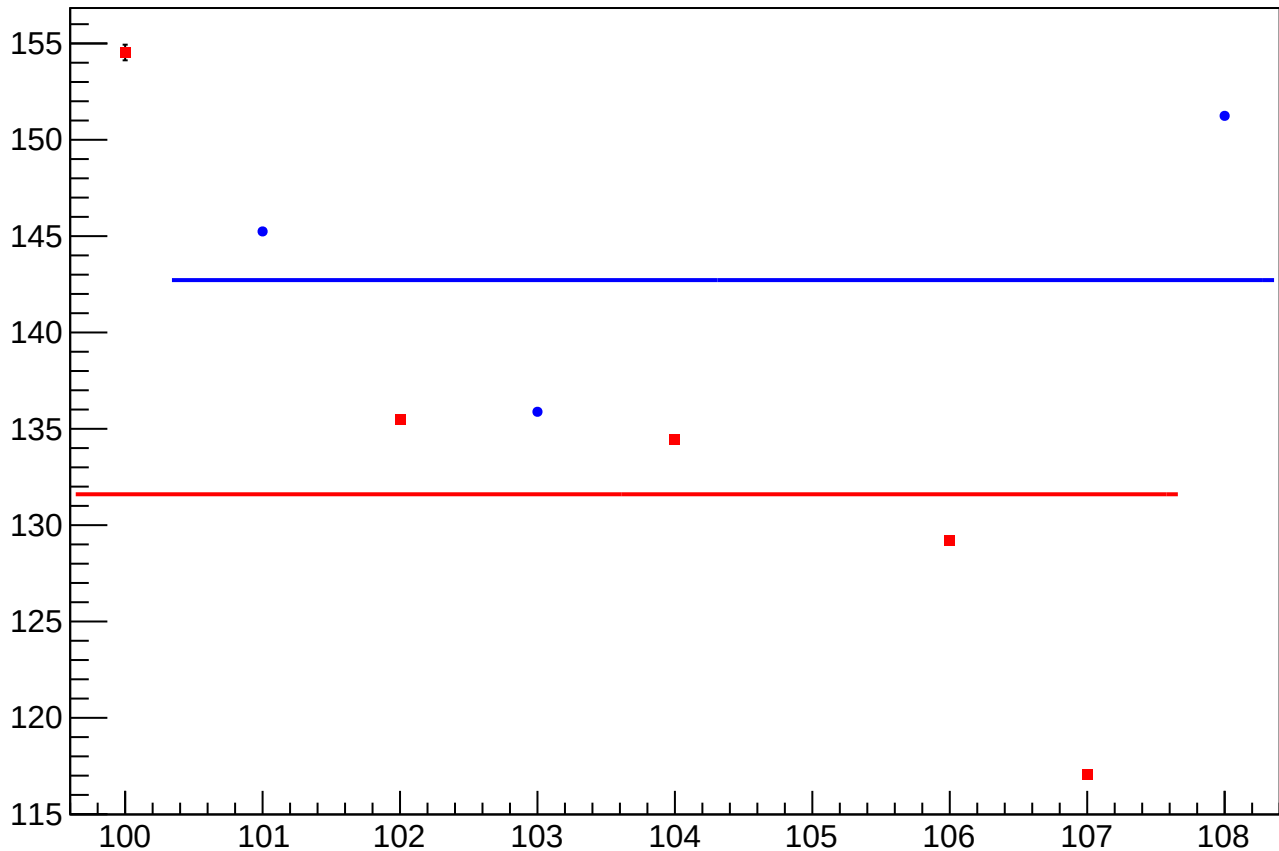
Right: 199.938+/-74.641 χ^2/NDF : 11.6/7

In: 191.669+/-111.320 χ^2/NDF : 1.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 199.938+/-74.641 χ^2/NDF : 11.6/7

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 142.718 $\pm$ 0.079 χ^2 /NDF: 5946.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 131.603 $\pm$ 0.071 χ^2 /NDF: 12318.7/4

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

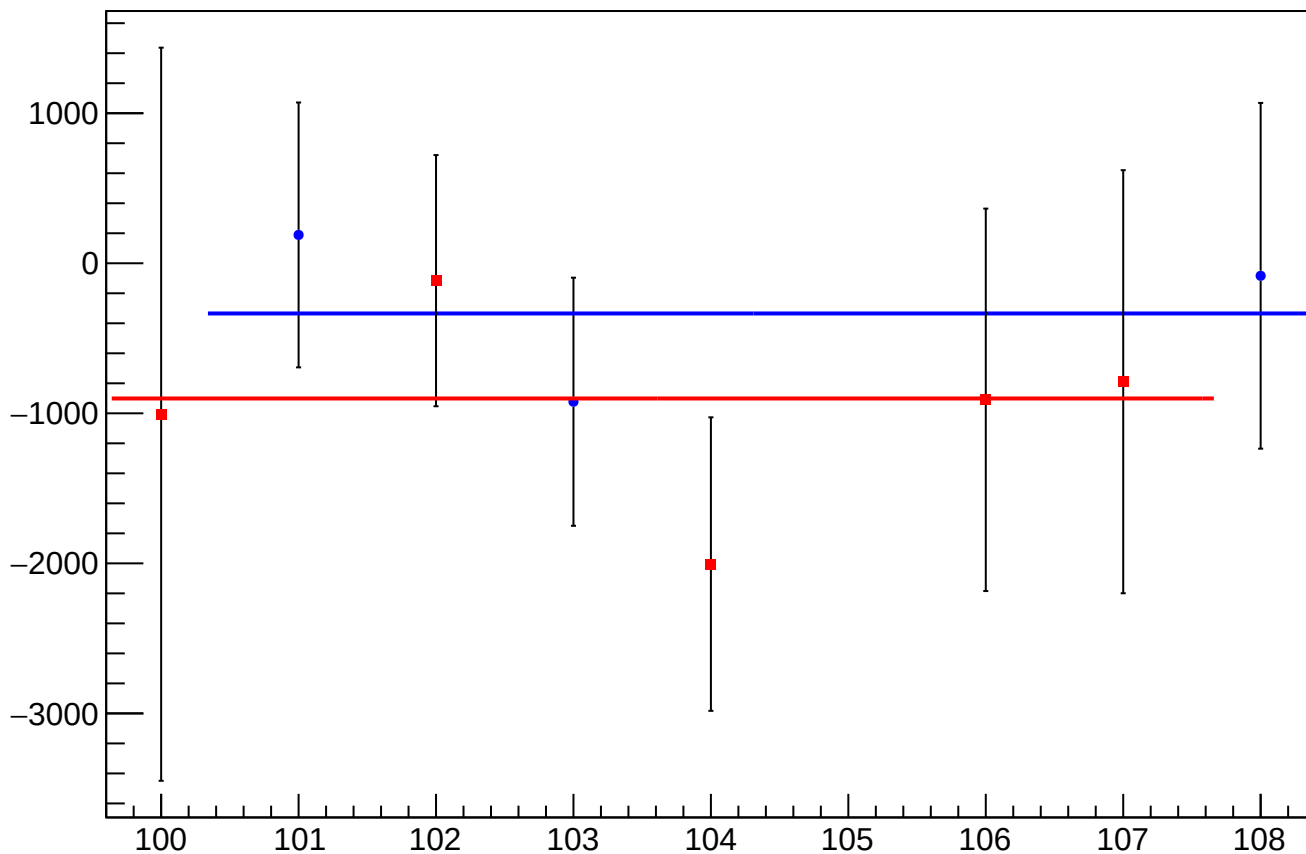
Right: 136.600 $\pm$ 0.053 χ^2 /NDF: 29240.2/7

In: 142.718 $\pm$ 0.079 χ^2 /NDF:5946.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 136.600 $\pm$ 0.053 χ^2 /NDF: 29240.2/7

asym_sam1_dit_correction_mean vs Slug, Sign Corrected



Right In: -334.495+/-534.541 χ^2 /NDF: 0.9/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -901.047+/-515.774 χ^2 /NDF: 2.2/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

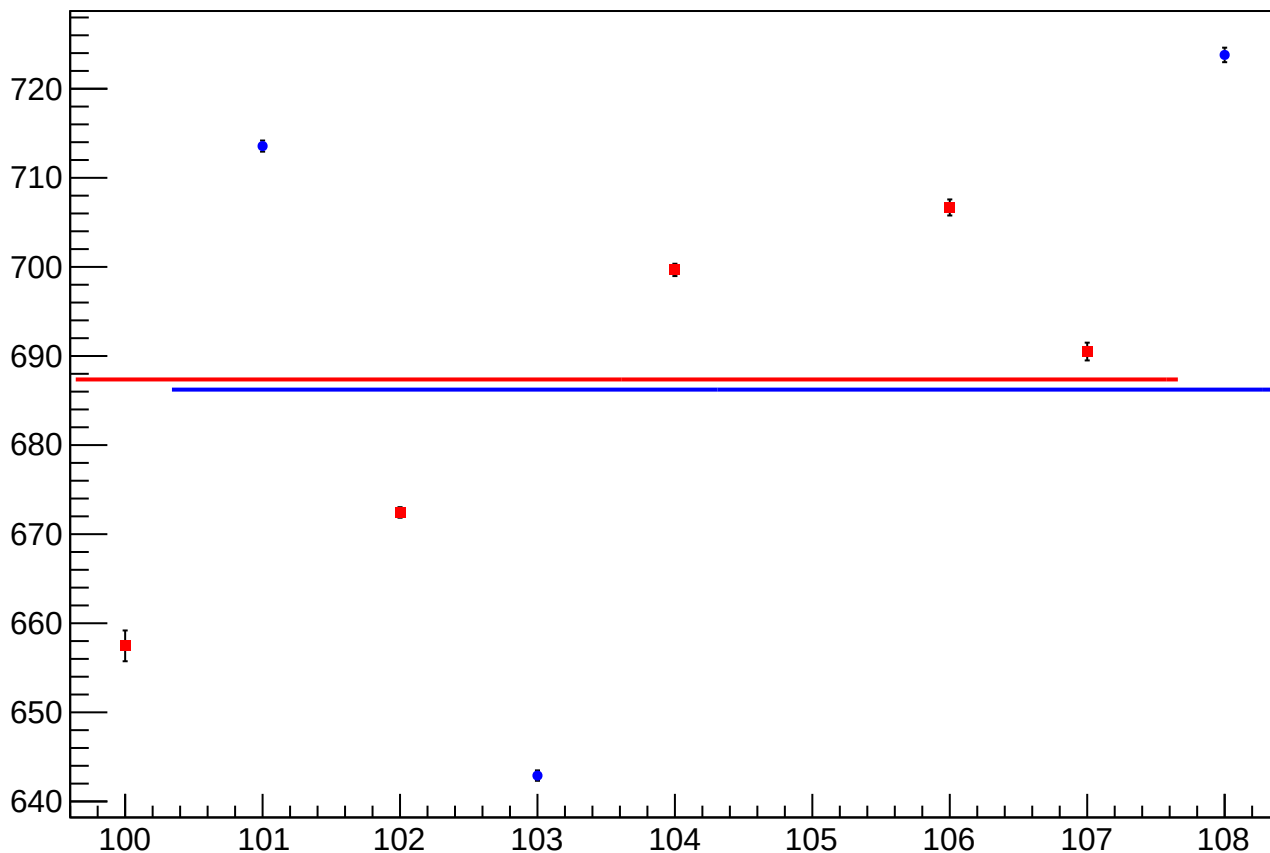
Right: -627.891+/-371.164 χ^2 /NDF: 3.6/7

In: -334.495+/-534.541 χ^2 /NDF:0.9/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -627.891+/-371.164 χ^2 /NDF: 3.6/7

asym_sam1_dit_correction_rms vs Slug, Sign Corrected



Right In: 686.227+/-0.378 χ^2/NDF : 9537.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 687.367+/-0.365 χ^2/NDF : 1721.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

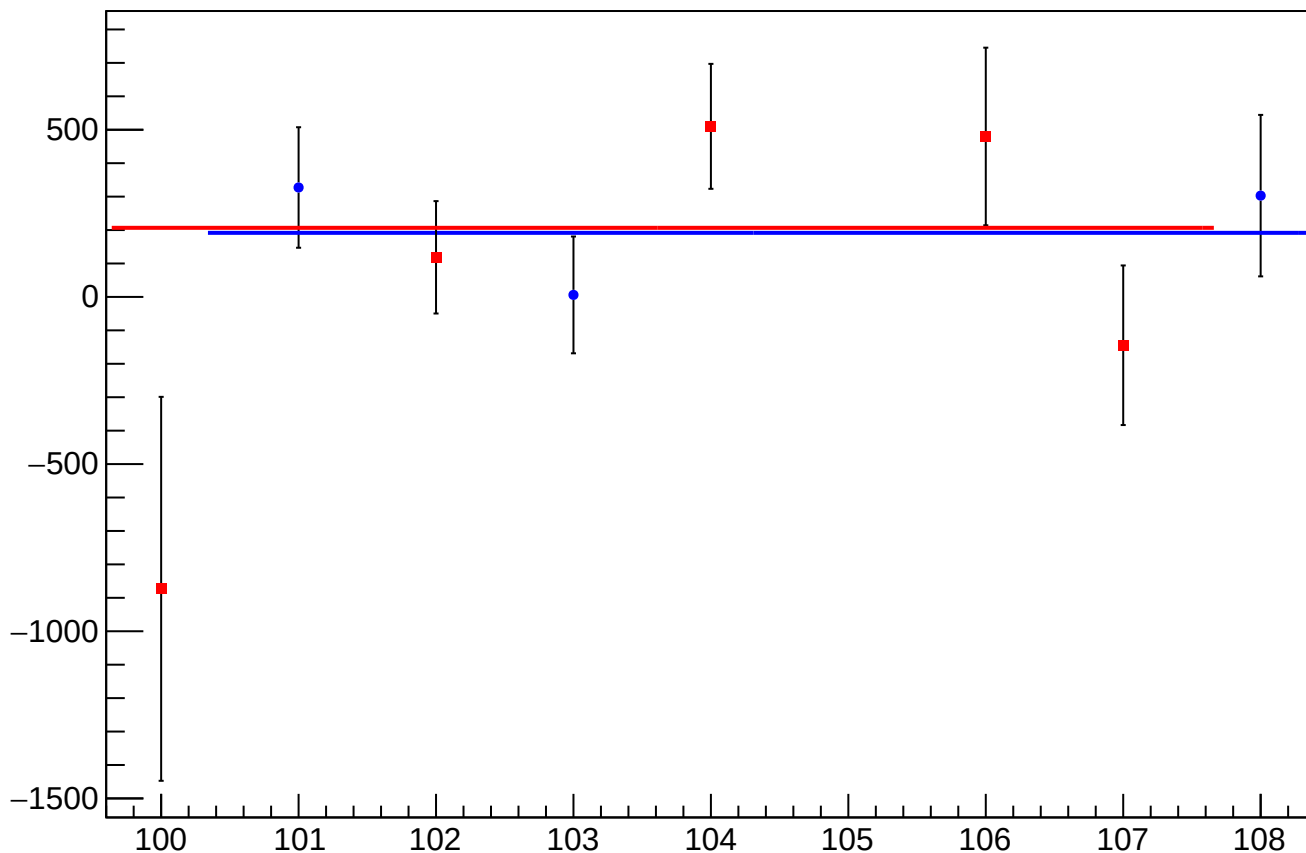
Right: 686.817+/-0.262 χ^2/NDF : 11263.0/7

In: 686.227+/-0.378 χ^2/NDF : 9537.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 686.817+/-0.262 χ^2/NDF : 11263.0/7

eigen_dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 191.670 $\pm$ 111.320 χ^2 /NDF: 1.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 206.692 $\pm$ 100.607 χ^2 /NDF: 9.7/4

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

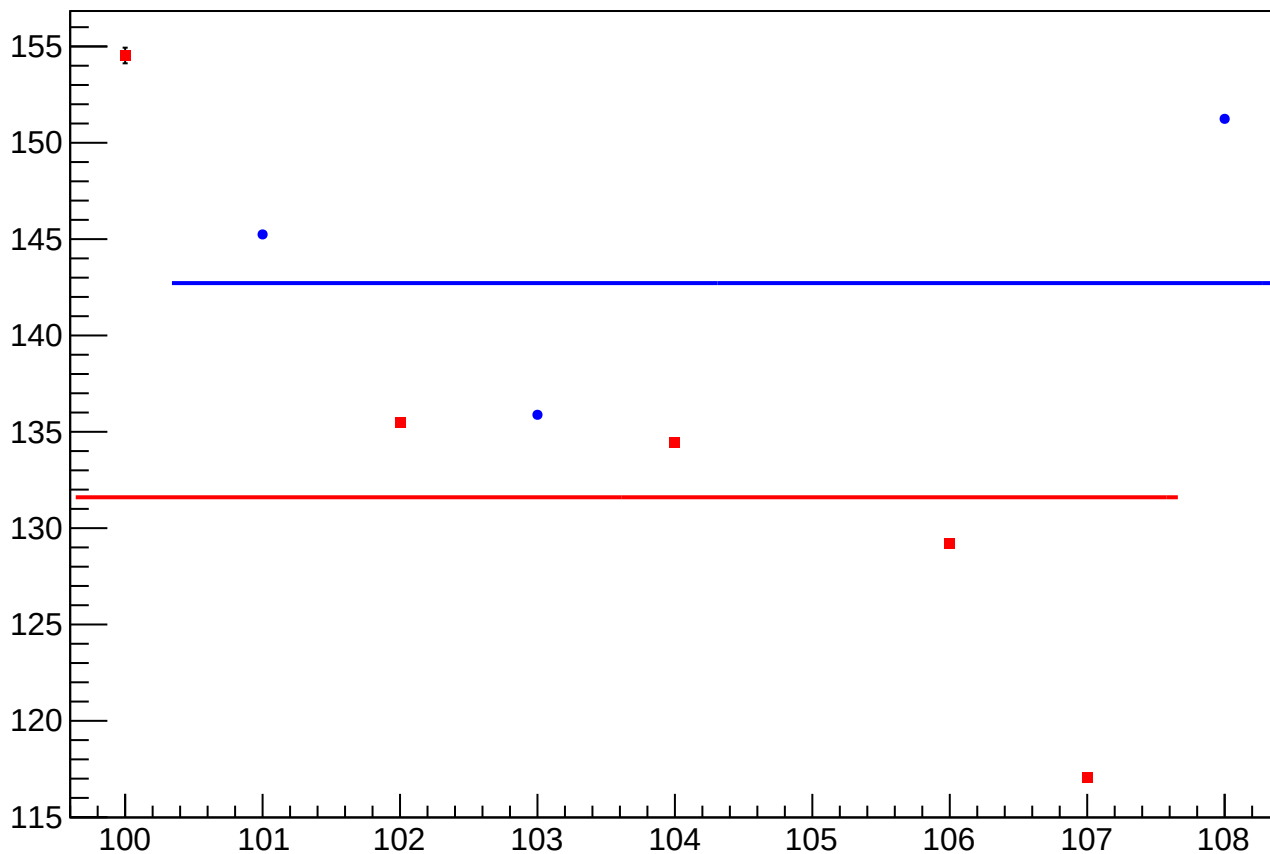
Right: 199.938 $\pm$ 74.641 χ^2 /NDF: 11.6/7

In: 191.670 $\pm$ 111.320 χ^2 /NDF:1.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 199.938 $\pm$ 74.641 χ^2 /NDF: 11.6/7

eigen_dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 142.718+/-0.079 χ^2/NDF : 5946.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 131.603+/-0.071 χ^2/NDF : 12318.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

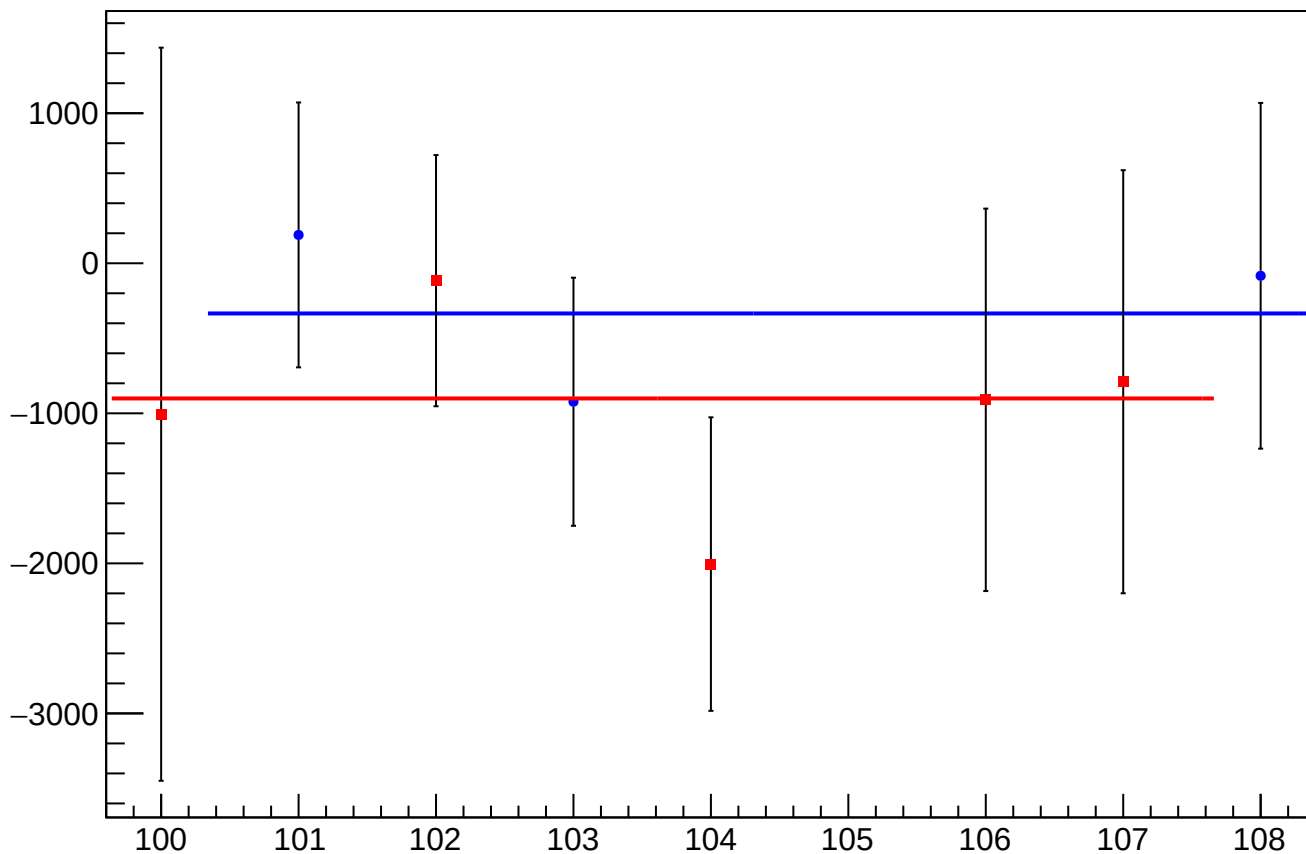
Right: 136.600+/-0.053 χ^2/NDF : 29240.1/7

In: 142.718+/-0.079 χ^2/NDF : 5946.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.600+/-0.053 χ^2/NDF : 29240.1/7

asym_sam1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -334.495+/-534.540 χ^2 /NDF: 0.9/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -901.047+/-515.774 χ^2 /NDF: 2.2/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

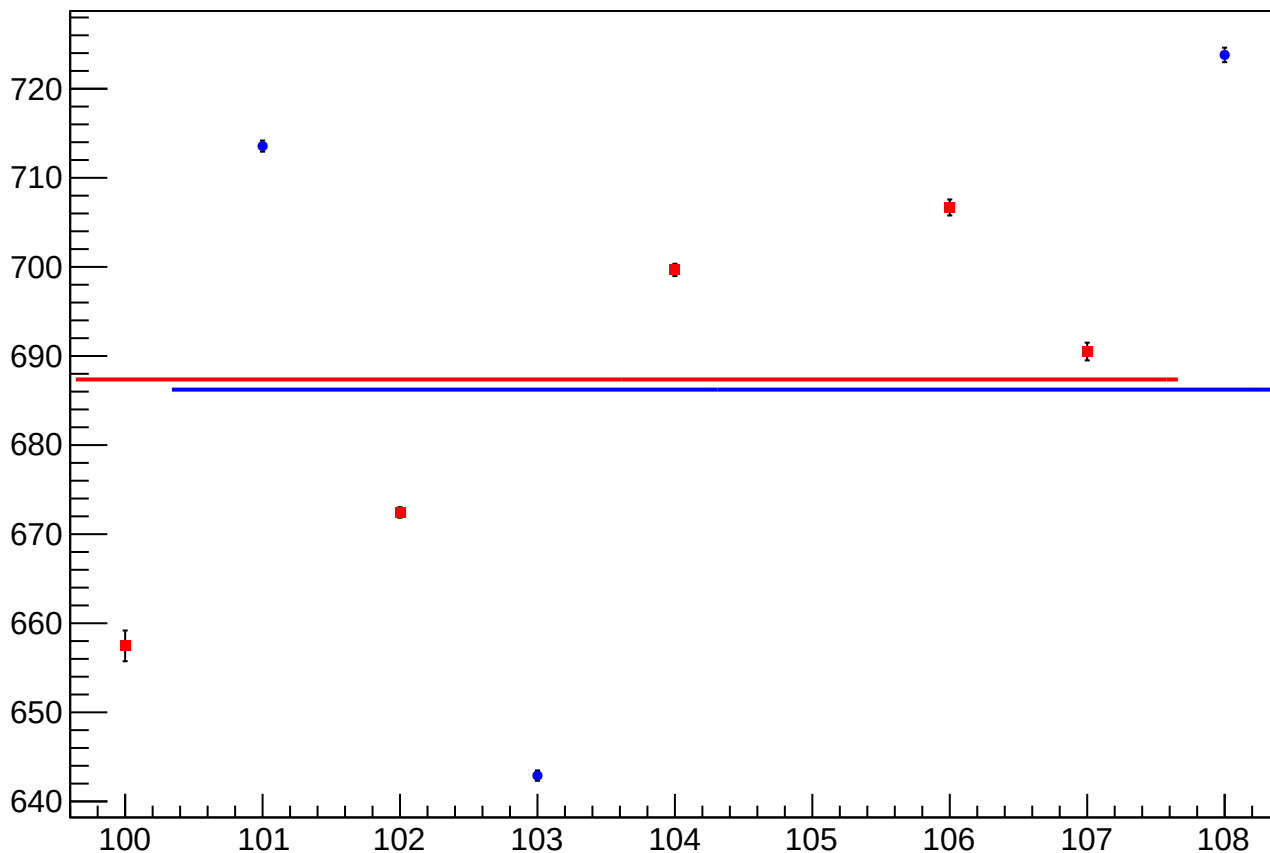
Right: -627.891+/-371.164 χ^2 /NDF: 3.6/7

In: -334.495+/-534.540 χ^2 /NDF:0.9/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -627.891+/-371.164 χ^2 /NDF: 3.6/7

asym_sam1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 686.226+/-0.378 χ^2/NDF : 9537.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 687.366+/-0.365 χ^2/NDF : 1721.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

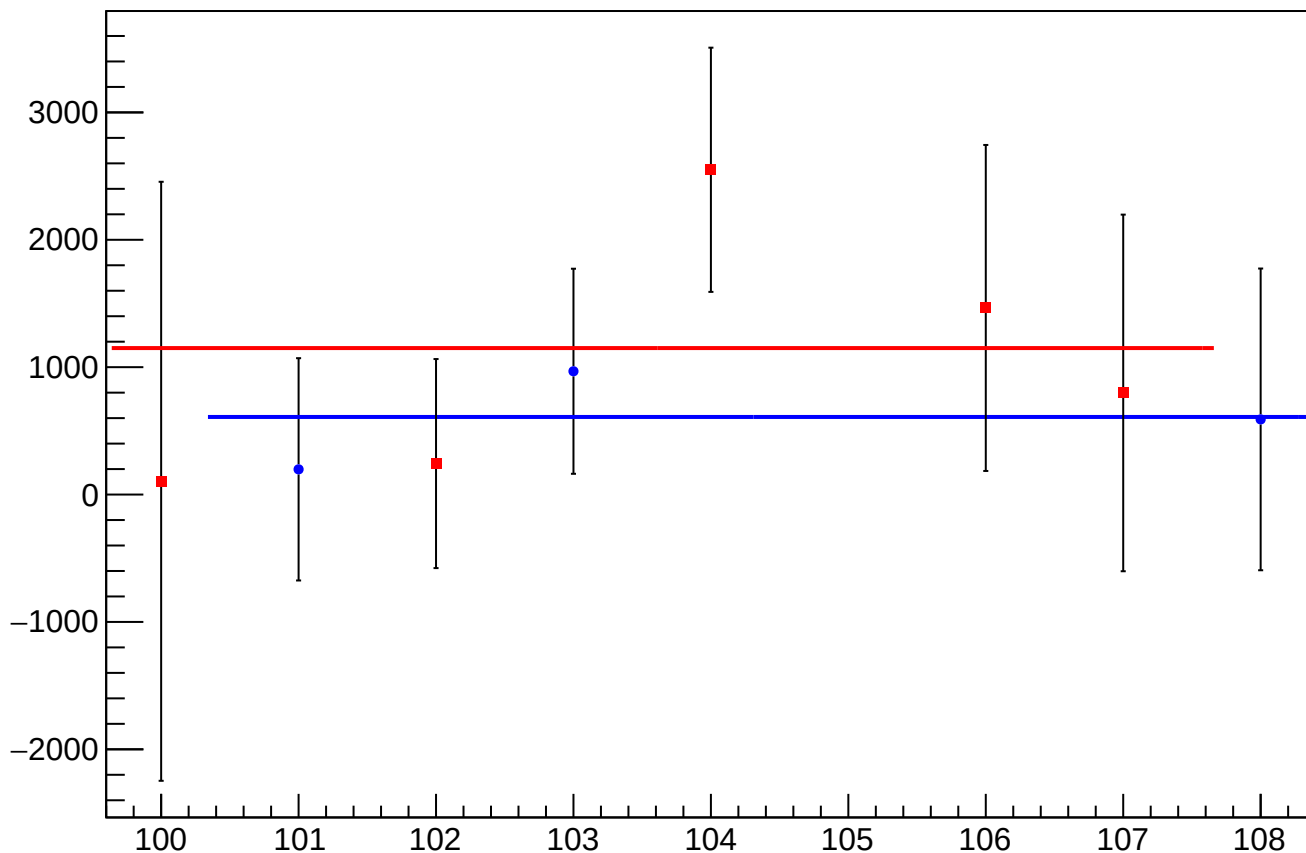
Right: 686.817+/-0.262 χ^2/NDF : 11263.2/7

In: 686.226+/-0.378 χ^2/NDF : 9537.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 686.817+/-0.262 χ^2/NDF : 11263.2/7

asym_sam1_mean vs Slug, Sign Corrected



Right In: 609.159+/-529.290 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1149.960+/-507.985 χ^2/NDF : 3.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

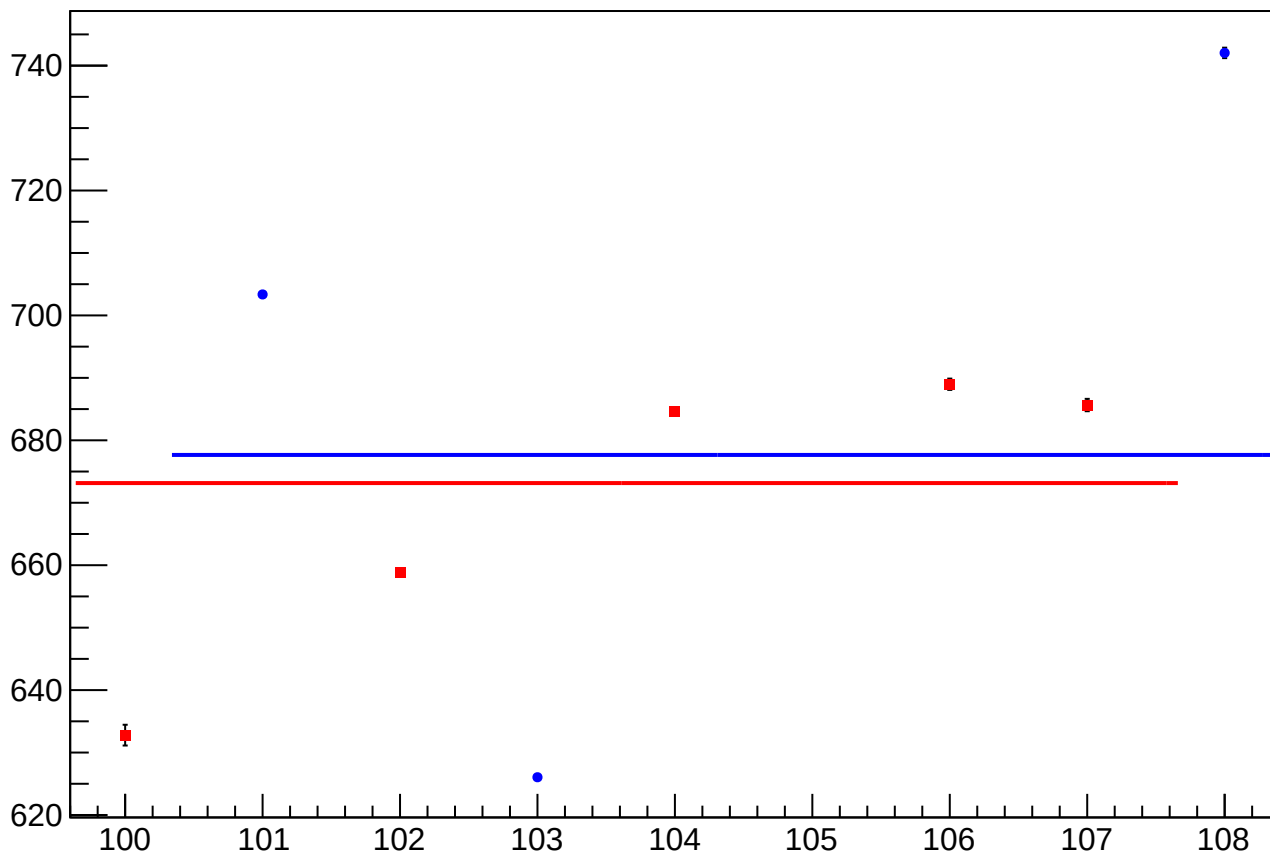
Right: 890.663+/-366.500 χ^2/NDF : 4.6/7

In: 609.159+/-529.290 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 890.663+/-366.500 χ^2/NDF : 4.6/7

asym_sam1_rms vs Slug, Sign Corrected



Right In: 677.659+/-0.374 χ^2/NDF : 15866.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 673.153+/-0.359 χ^2/NDF : 1941.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

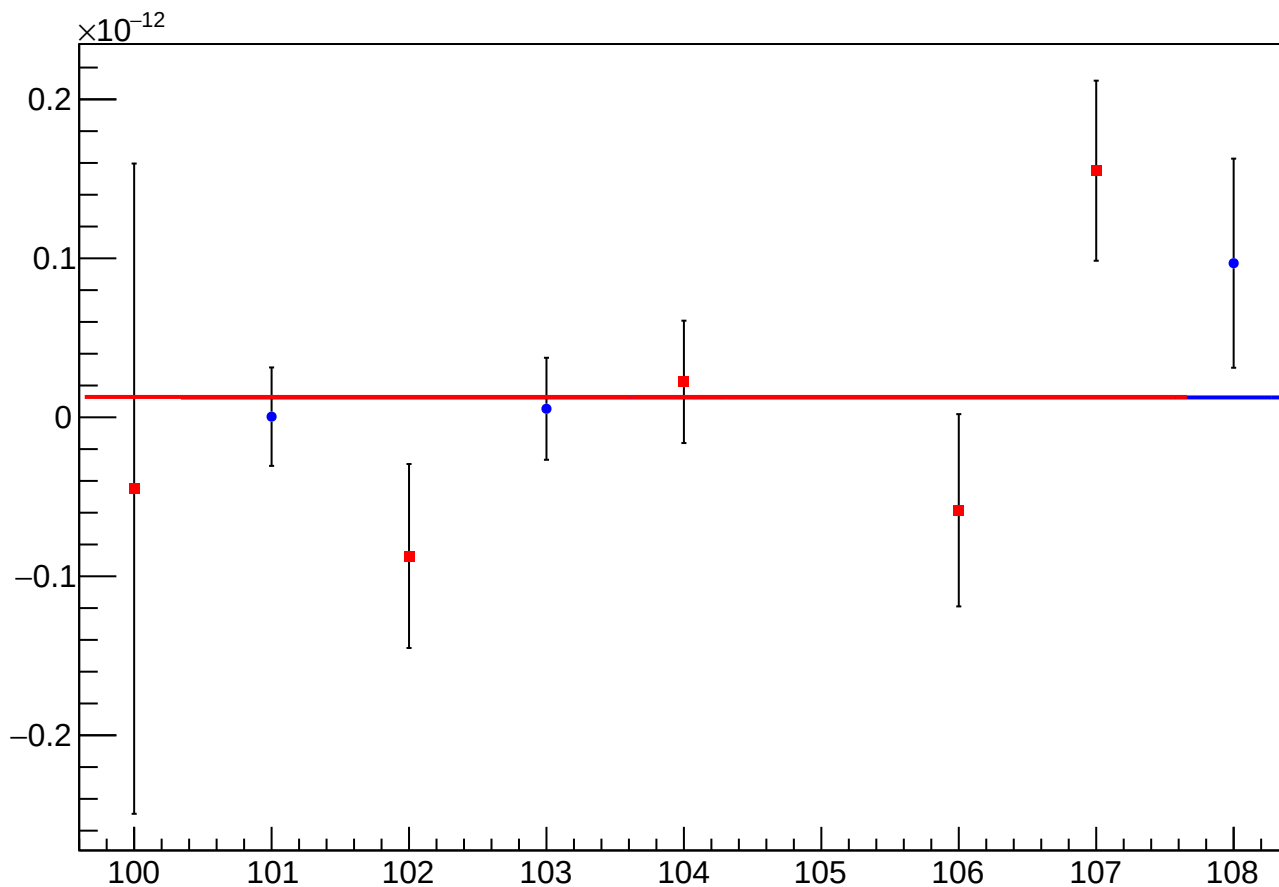
Right: 675.313+/-0.259 χ^2/NDF : 17883.7/7

In: 677.659+/-0.374 χ^2/NDF : 15866.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 675.313+/-0.259 χ^2/NDF : 17883.7/7

asym_sam1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

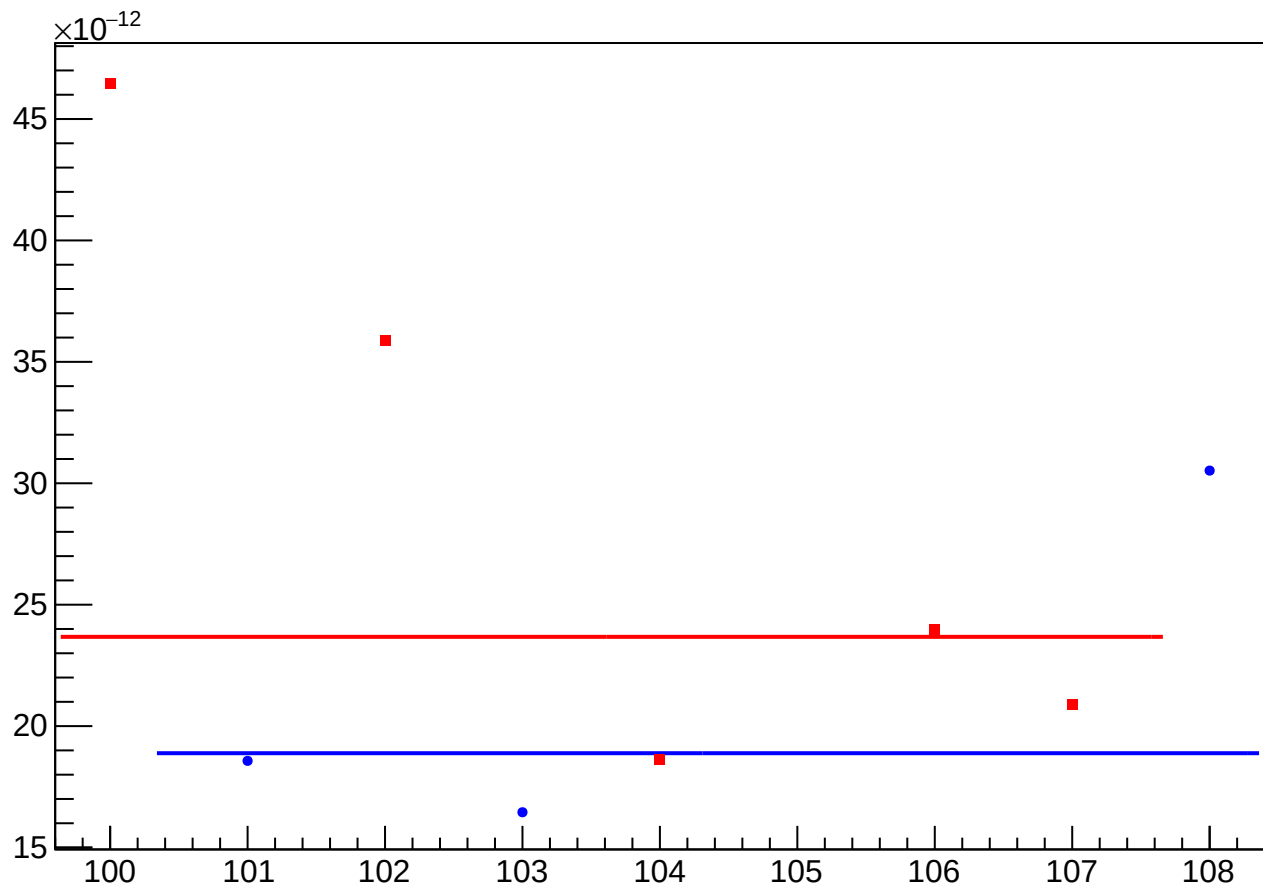
Right: 0.000+/-0.000 χ^2/NDF : 12.7/7

In: 0.000+/-0.000 χ^2/NDF : 1.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.7/7

asym_sam1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 74310.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 153569.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

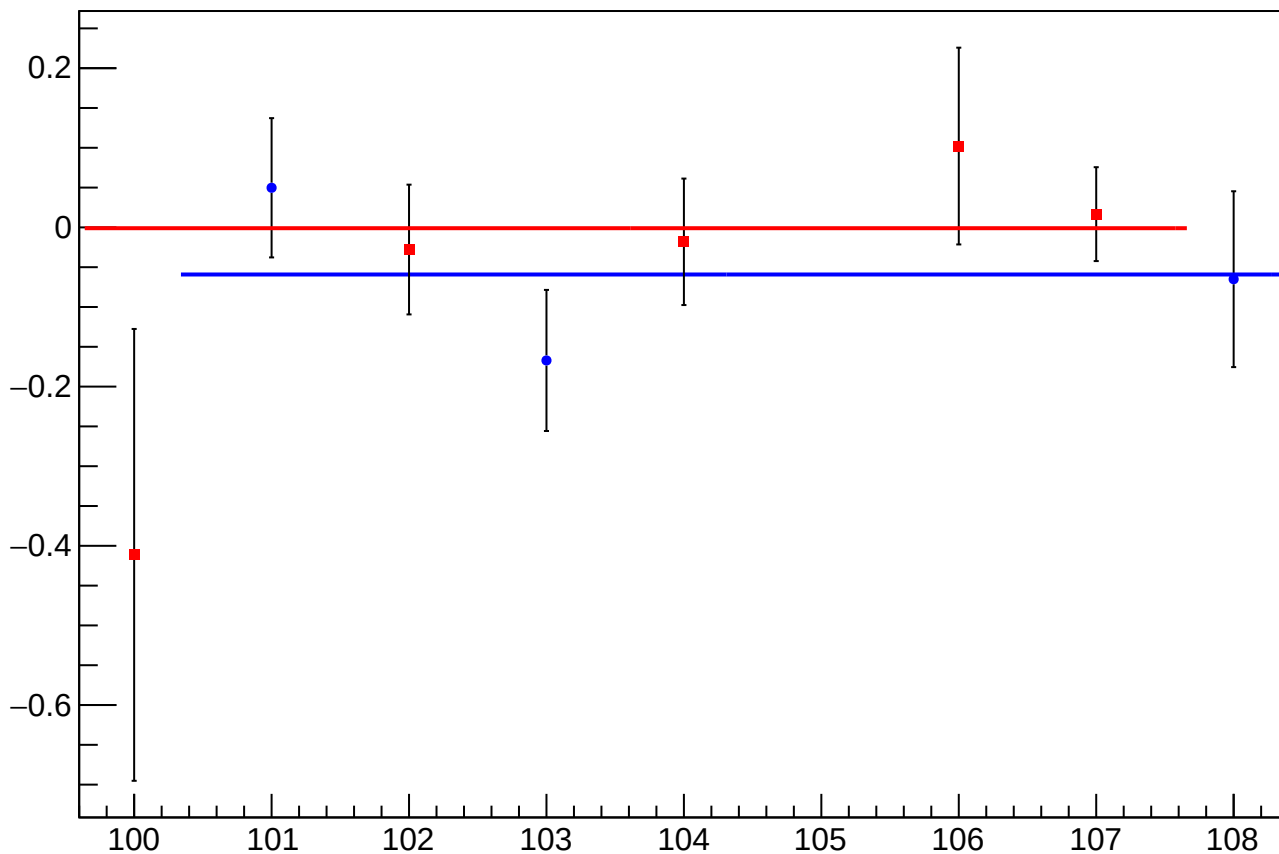
Right: 0.000+/-0.000 χ^2/NDF : 270520.4/7

In: 0.000+/-0.000 χ^2/NDF : 74310.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 270520.4/7

asym_sam1_dif_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.059+/-0.054 χ^2/NDF : 3.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.001+/-0.039 χ^2/NDF : 3.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

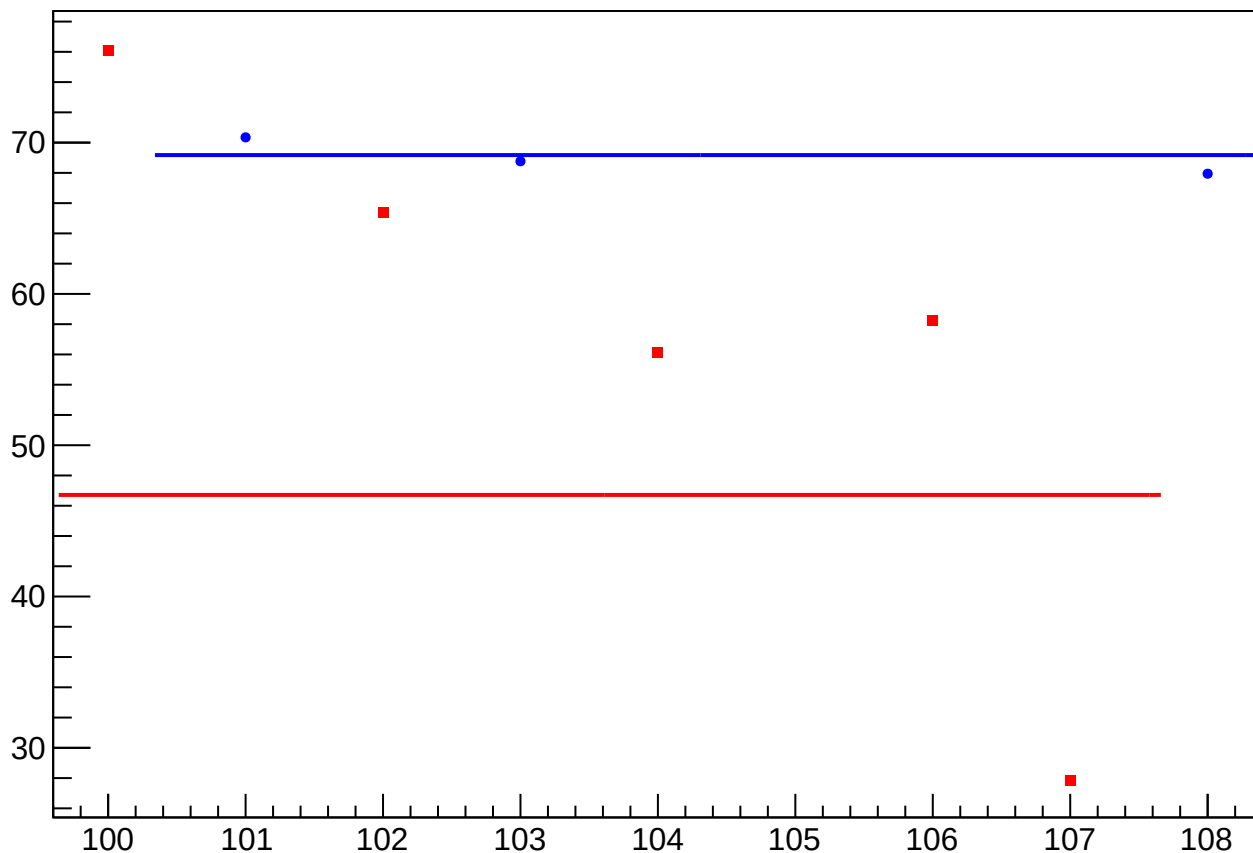
Right: -0.021+/-0.031 χ^2/NDF : 6.8/7

In: -0.059+/-0.054 χ^2/NDF : 3.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.021+/-0.031 χ^2/NDF : 6.8/7

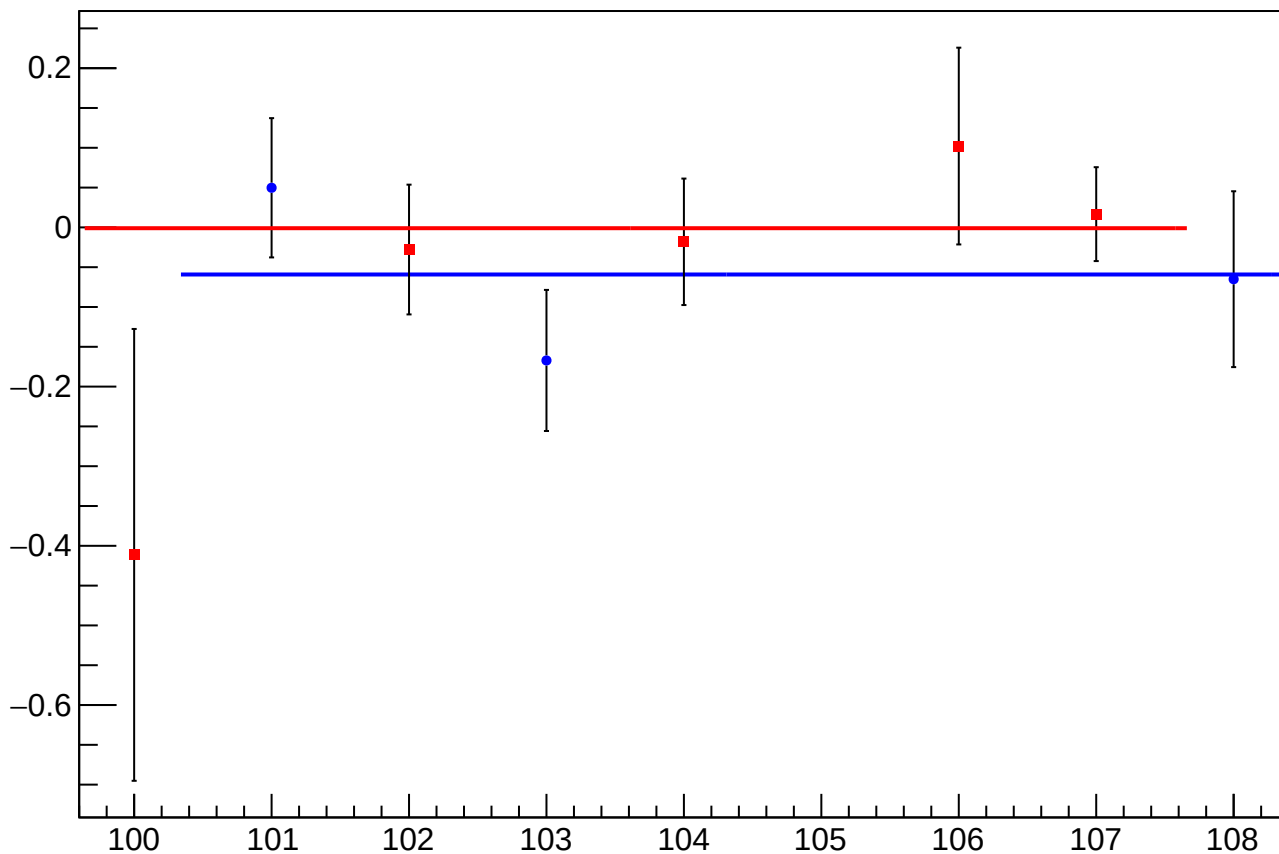
asym_sam1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 69.177+/-0.038 χ^2/NDF : 650.0/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 46.715+/-0.027 χ^2/NDF : 376096.9/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 54.242+/-0.022 χ^2/NDF : 604839.1/7
 In: 69.177+/-0.038 χ^2/NDF : 650.0/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 54.242+/-0.022 χ^2/NDF : 604839.1/7

asym_sam1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.059+/-0.054 χ^2 /NDF: 3.0/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.001+/-0.039 χ^2 /NDF: 3.0/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

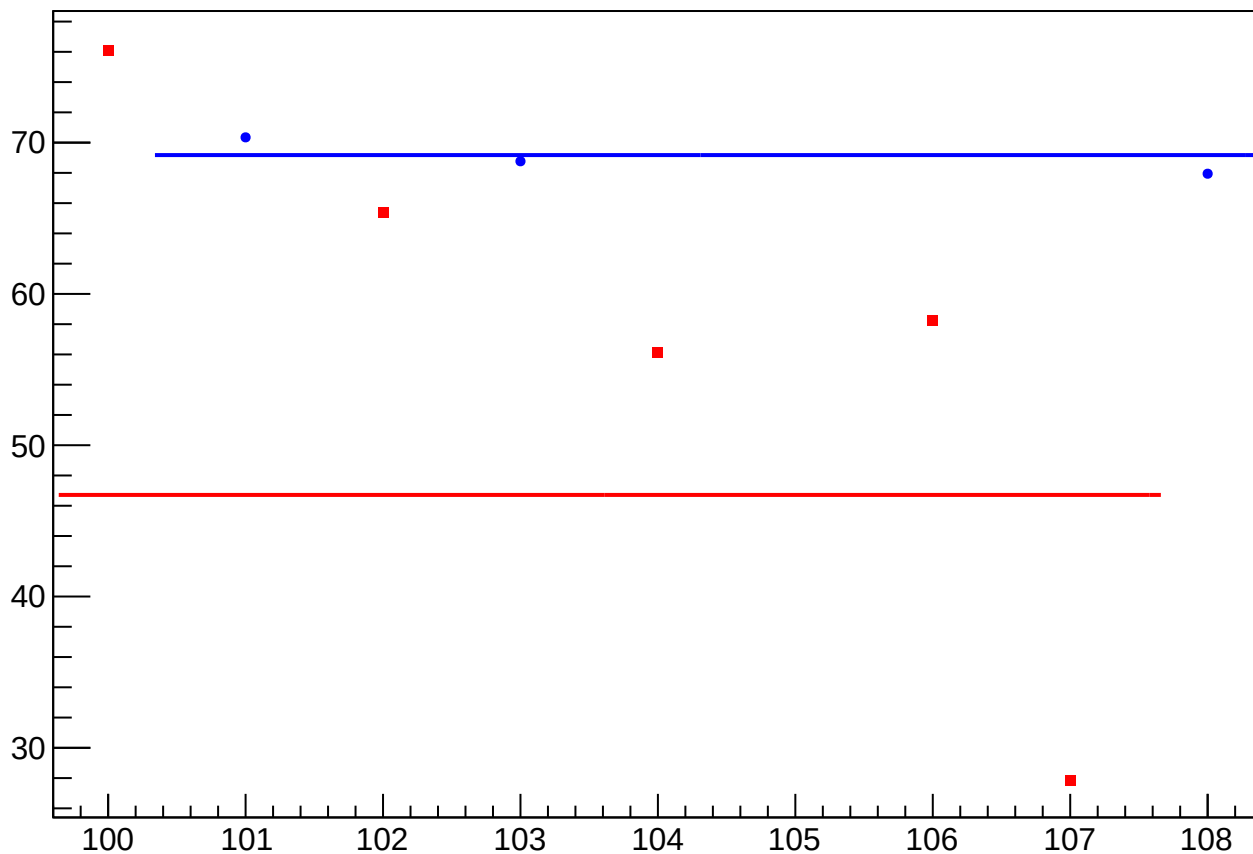
Right: -0.021+/-0.031 χ^2 /NDF: 6.8/7

In: -0.059+/-0.054 χ^2 /NDF:3.0/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.021+/-0.031 χ^2 /NDF: 6.8/7

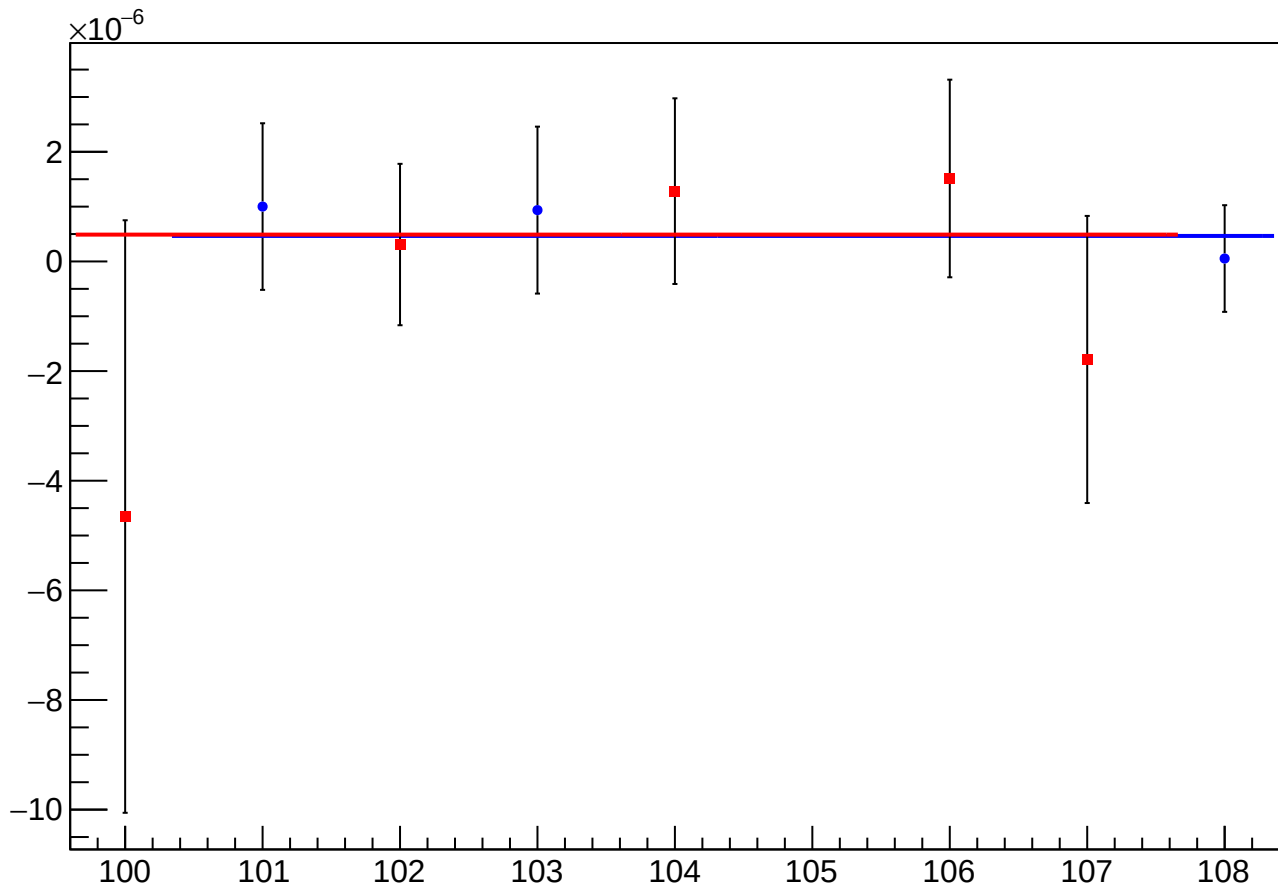
asym_sam1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 69.177+/-0.038 χ^2/NDF : 650.0/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 46.715+/-0.027 χ^2/NDF : 376096.9/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 54.242+/-0.022 χ^2/NDF : 604839.1/7
 In: 69.177+/-0.038 χ^2/NDF : 650.0/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 54.242+/-0.022 χ^2/NDF : 604839.1/7

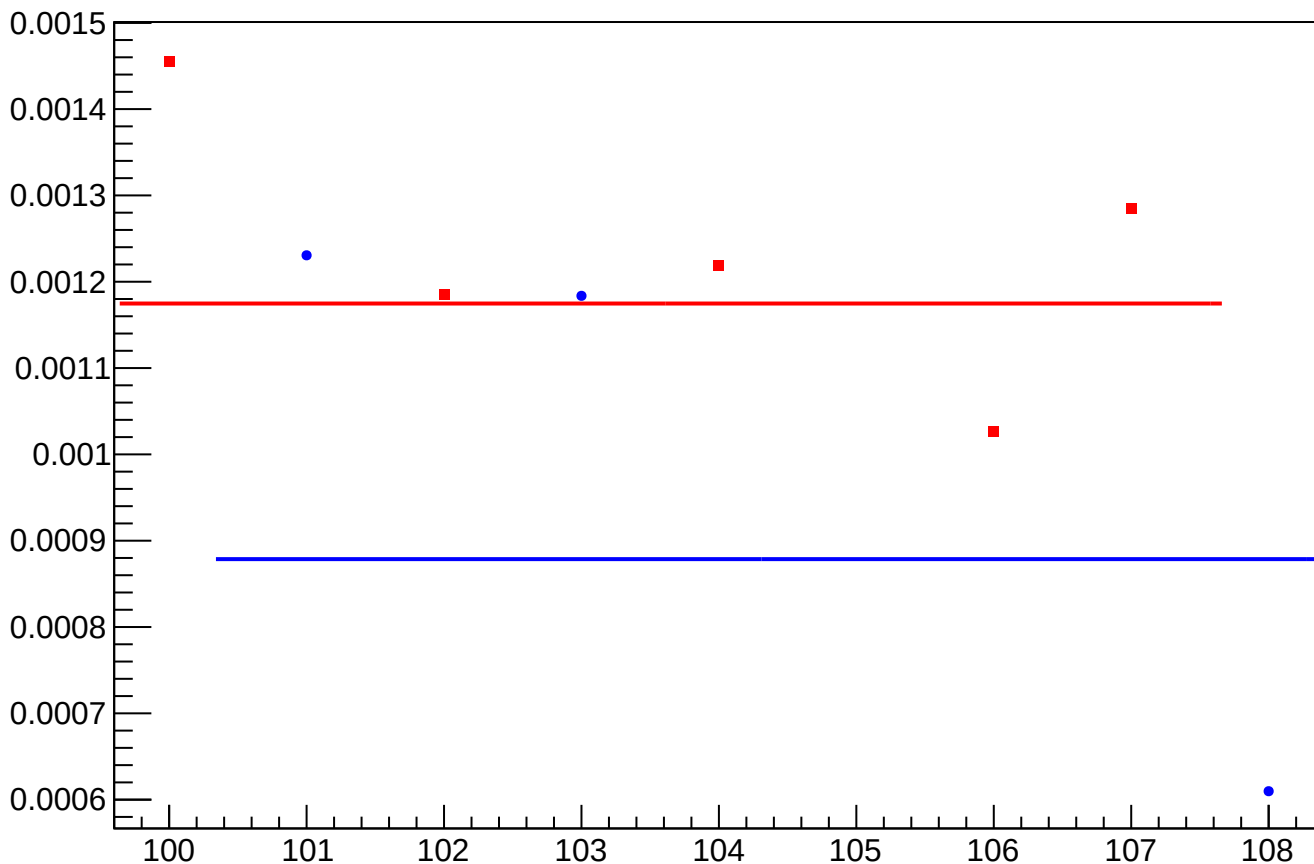
asym_sam1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.4/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 2.2/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 2.6/7
 In: 0.000+/-0.000 χ^2/NDF : 0.4/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 2.6/7

asym_sam1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 340223.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 23919.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

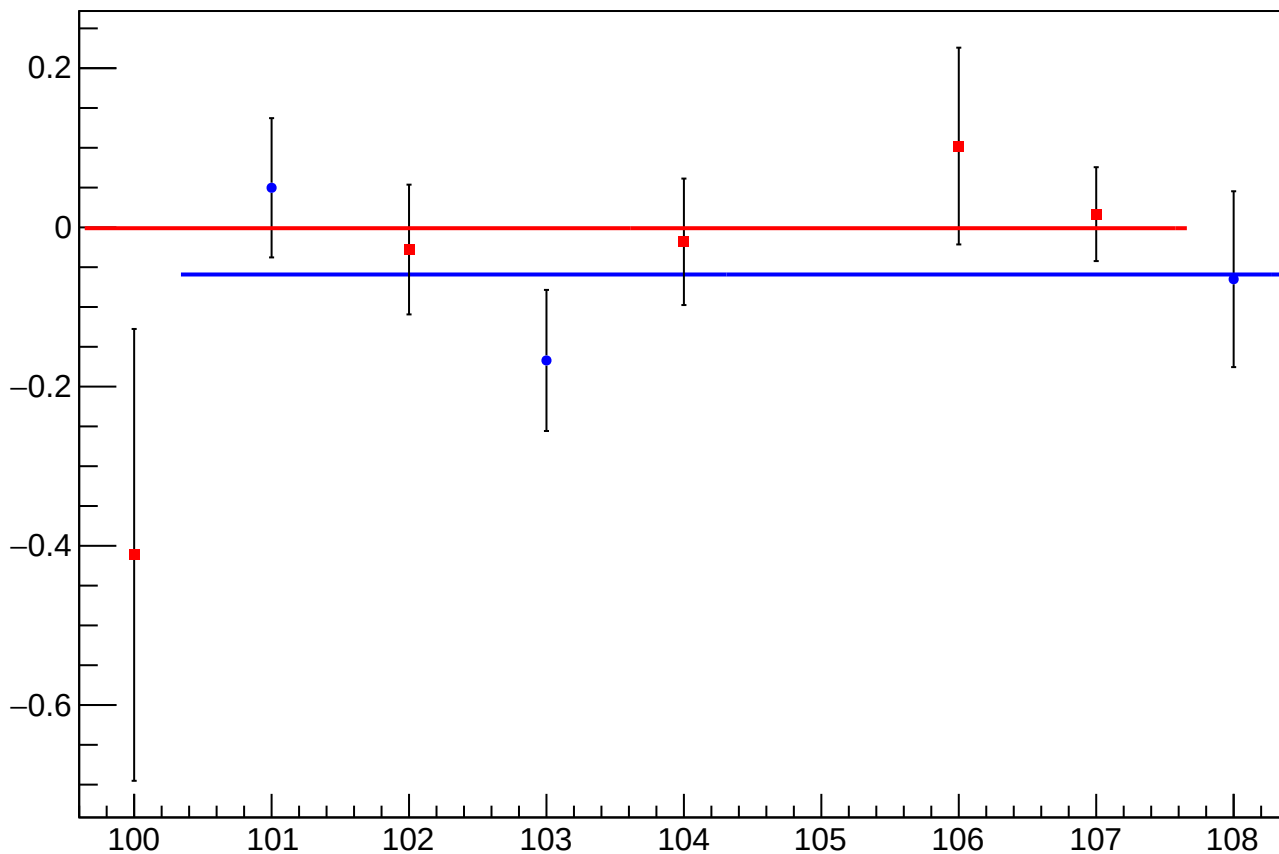
Right: 0.001+/-0.000 χ^2/NDF : 499952.2/7

In: 0.001+/-0.000 χ^2/NDF : 340223.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 499952.2/7

asym_sam1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.059+/-0.054 χ^2/NDF : 3.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.001+/-0.039 χ^2/NDF : 3.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

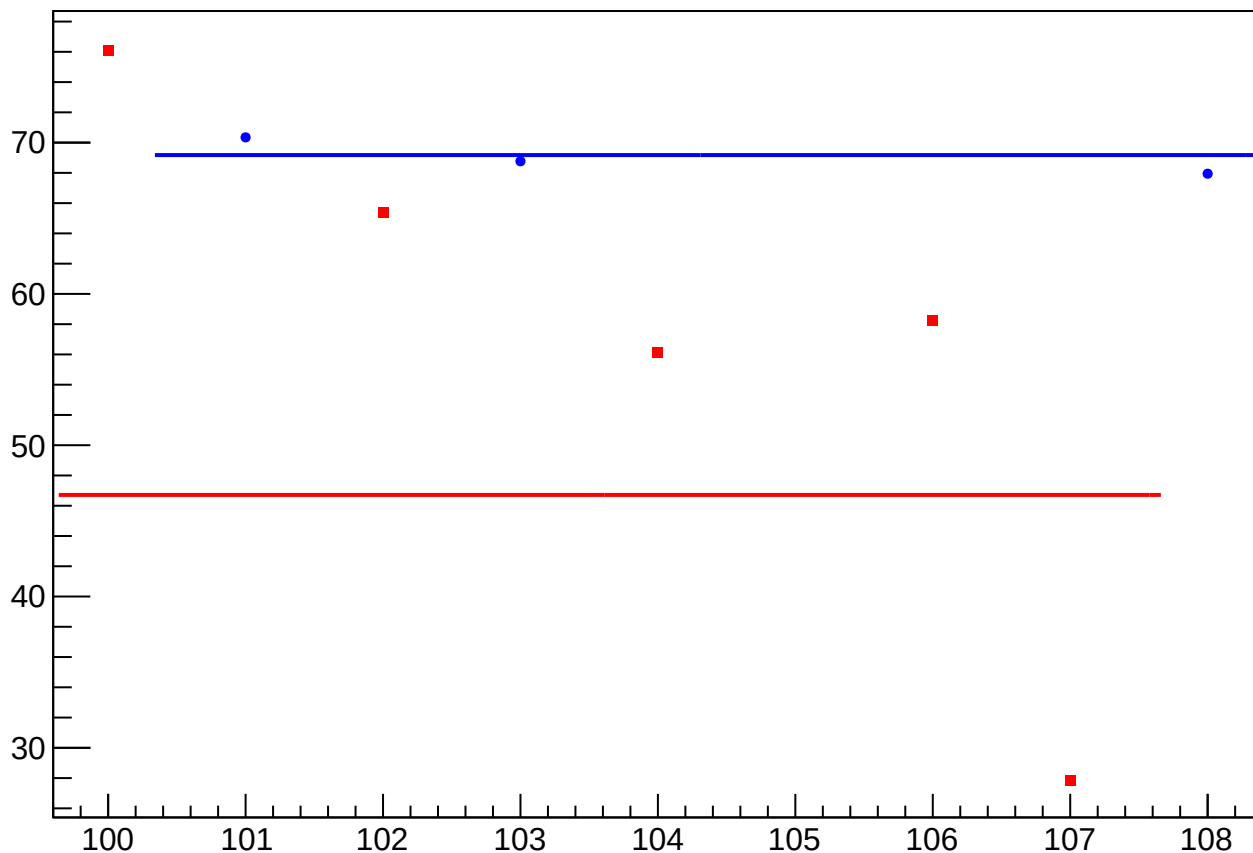
Right: -0.021+/-0.031 χ^2/NDF : 6.8/7

In: -0.059+/-0.054 χ^2/NDF : 3.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.021+/-0.031 χ^2/NDF : 6.8/7

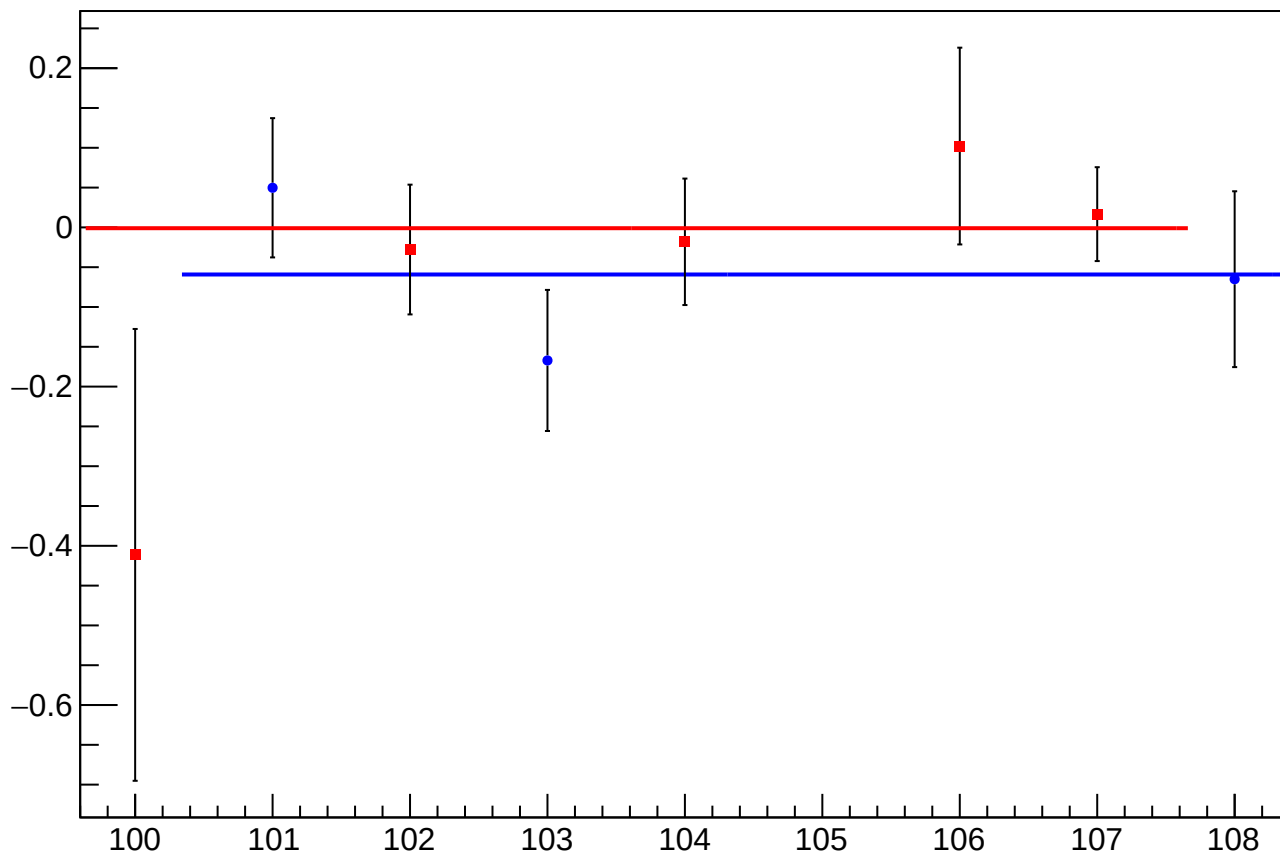
asym_sam1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 69.176 $\pm$ 0.038 χ^2 /NDF: 650.0/2
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 46.715 $\pm$ 0.027 χ^2 /NDF: 376100.1/4
 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: 54.242 $\pm$ 0.022 χ^2 /NDF: 604844.7/7
 In: 69.176 $\pm$ 0.038 χ^2 /NDF:650.0/2
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 54.242 $\pm$ 0.022 χ^2 /NDF: 604844.7/7

asym_sam1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.059+/-0.054 χ^2/NDF : 3.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.001+/-0.039 χ^2/NDF : 3.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

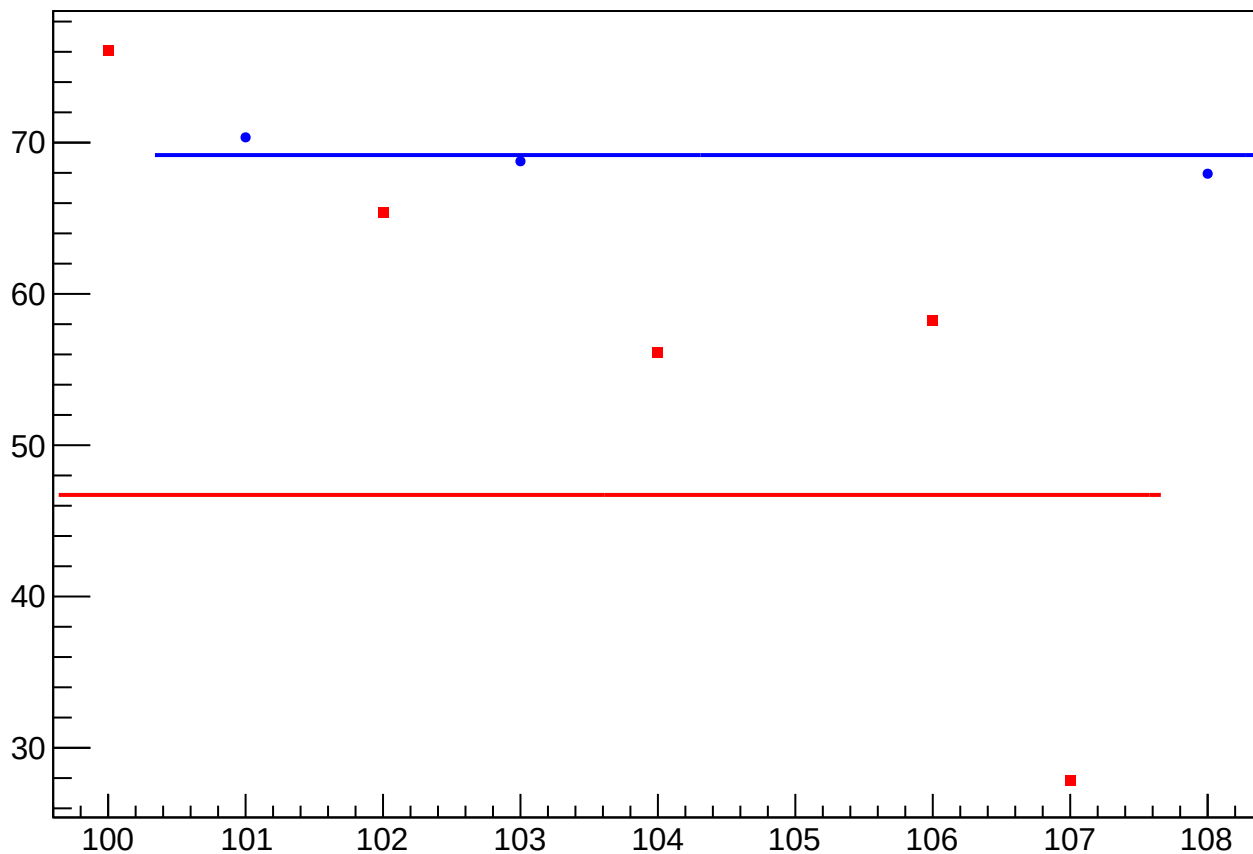
Right: -0.021+/-0.031 χ^2/NDF : 6.8/7

In: -0.059+/-0.054 χ^2/NDF : 3.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.021+/-0.031 χ^2/NDF : 6.8/7

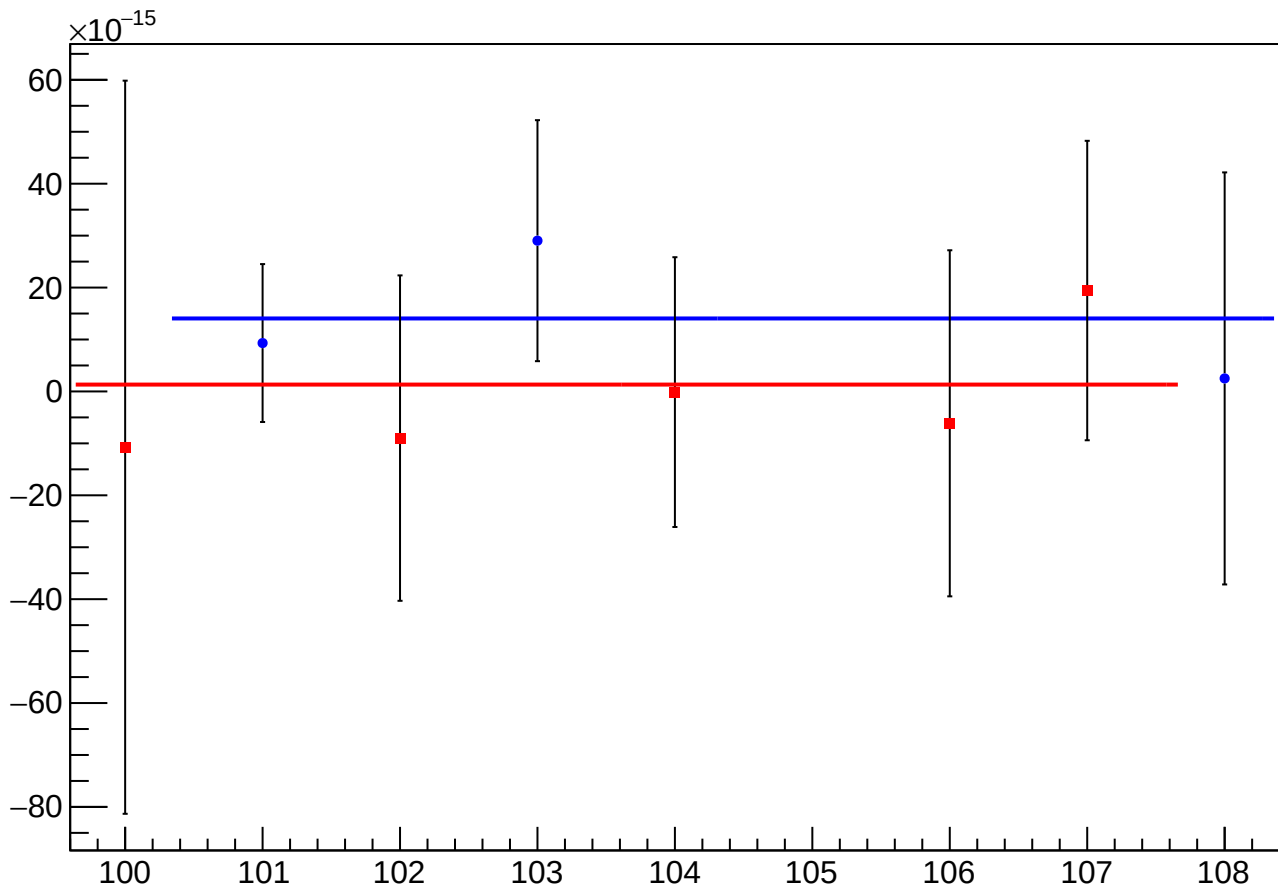
asym_sam1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 69.176 ± 0.038 $\chi^2/\text{NDF}: 650.0/2$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 46.715 ± 0.027 $\chi^2/\text{NDF}: 376100.1/4$
 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: 54.242 ± 0.022 $\chi^2/\text{NDF}: 604844.7/7$
 In: 69.176 ± 0.038 $\chi^2/\text{NDF}: 650.0/2$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 54.242 ± 0.022 $\chi^2/\text{NDF}: 604844.7/7$

asym_sam1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

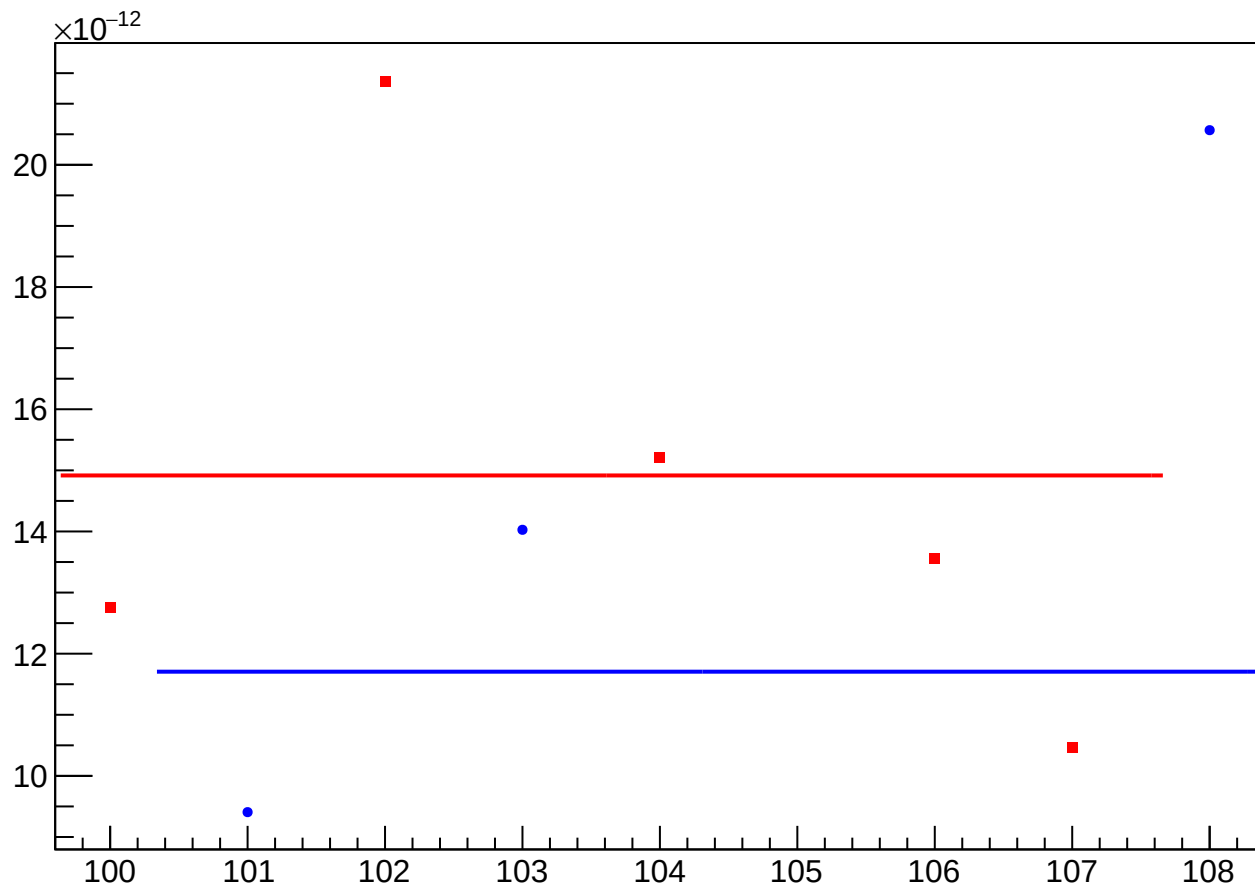
Right: 0.000+/-0.000 χ^2/NDF : 1.6/7

In: 0.000+/-0.000 χ^2/NDF : 0.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1.6/7

asym_sam1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 165541.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 137928.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

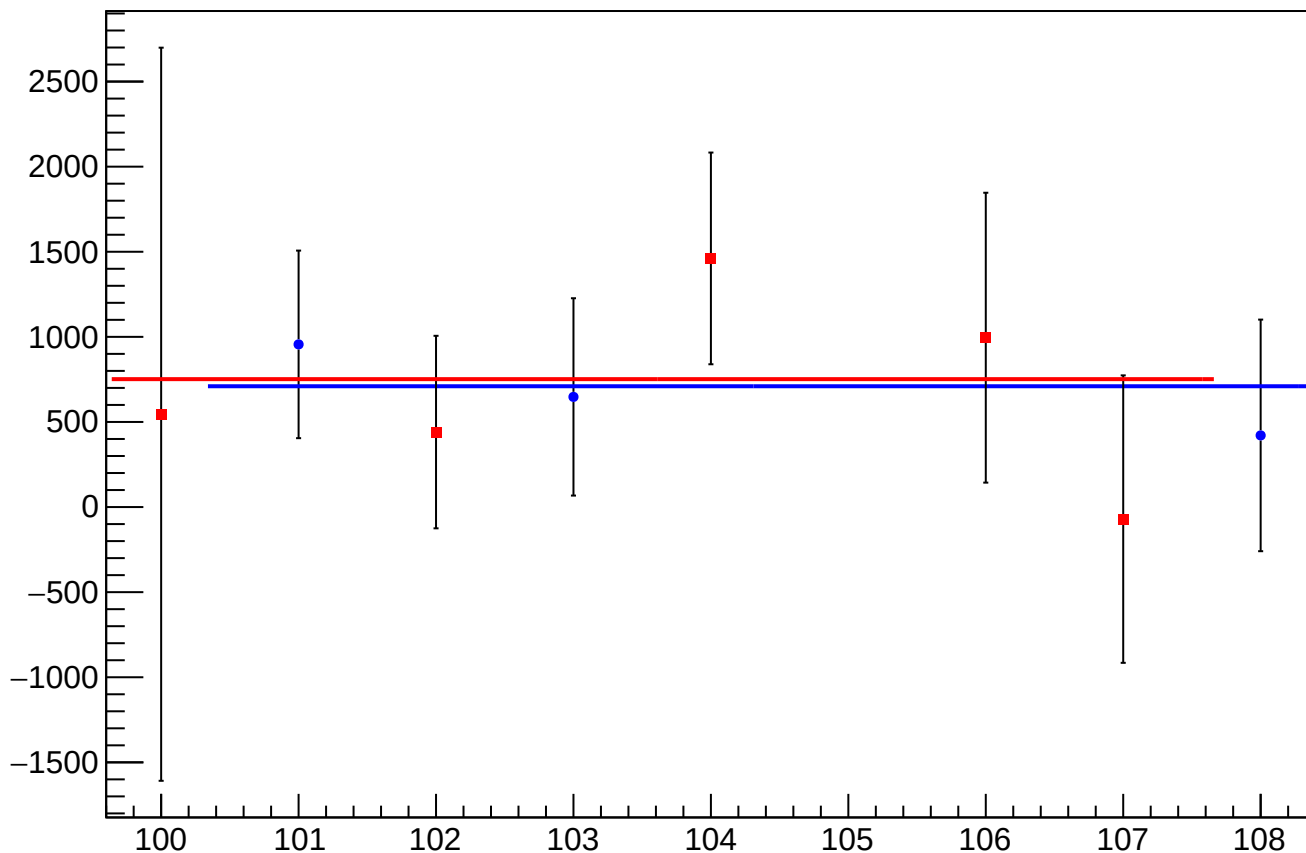
Right: 0.000+/-0.000 χ^2/NDF : 361610.5/7

In: 0.000+/-0.000 χ^2/NDF : 165541.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 361610.5/7

reg_asym_sam2_mean vs Slug, Sign Corrected



Right In: 709.794 $\pm$ 344.432 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 751.555 $\pm$ 338.870 χ^2 /NDF: 2.6/4

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

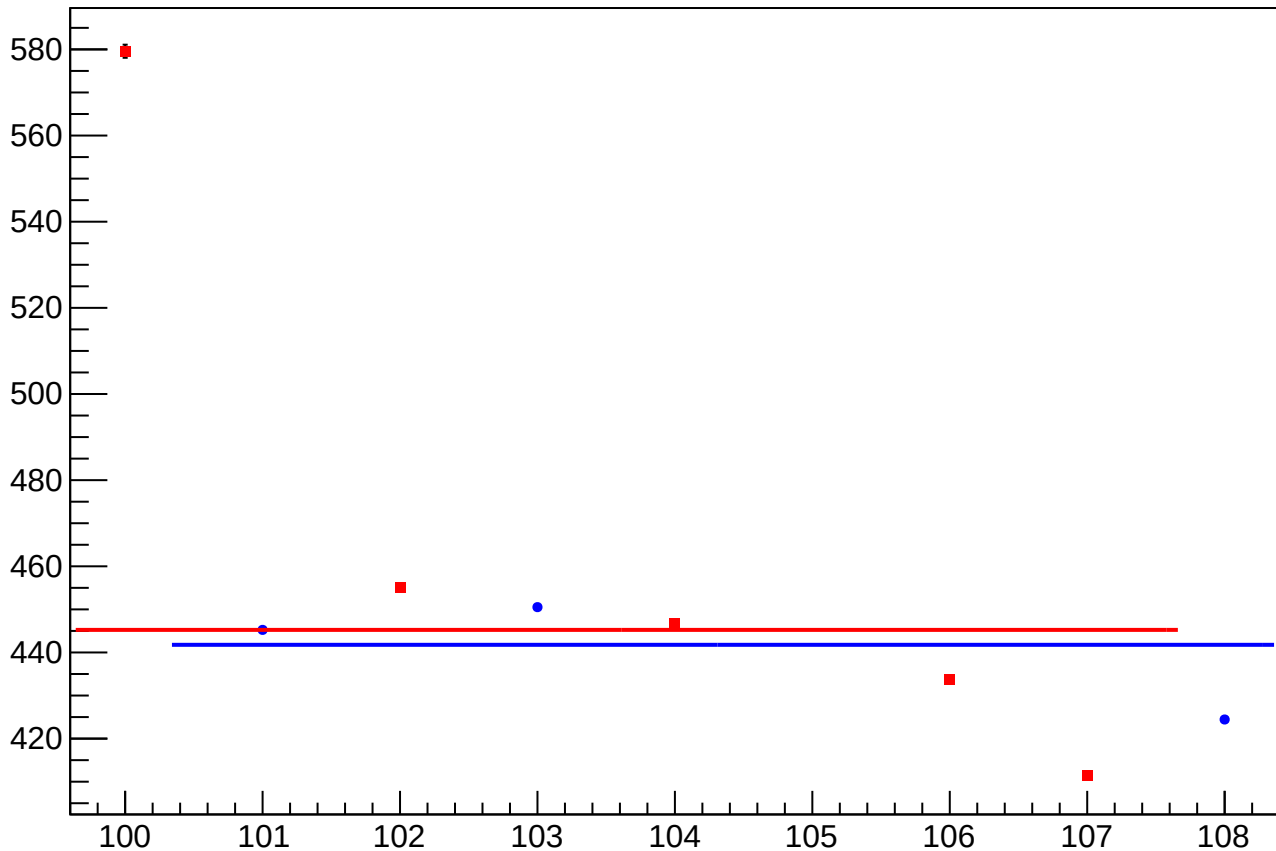
Right: 731.014 $\pm$ 241.560 χ^2 /NDF: 3.0/7

In: 709.794 $\pm$ 344.432 χ^2 /NDF:0.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 731.014 $\pm$ 241.560 χ^2 /NDF: 3.0/7

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 441.775+/-0.244 χ^2/NDF : 1833.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 445.240+/-0.240 χ^2/NDF : 11937.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

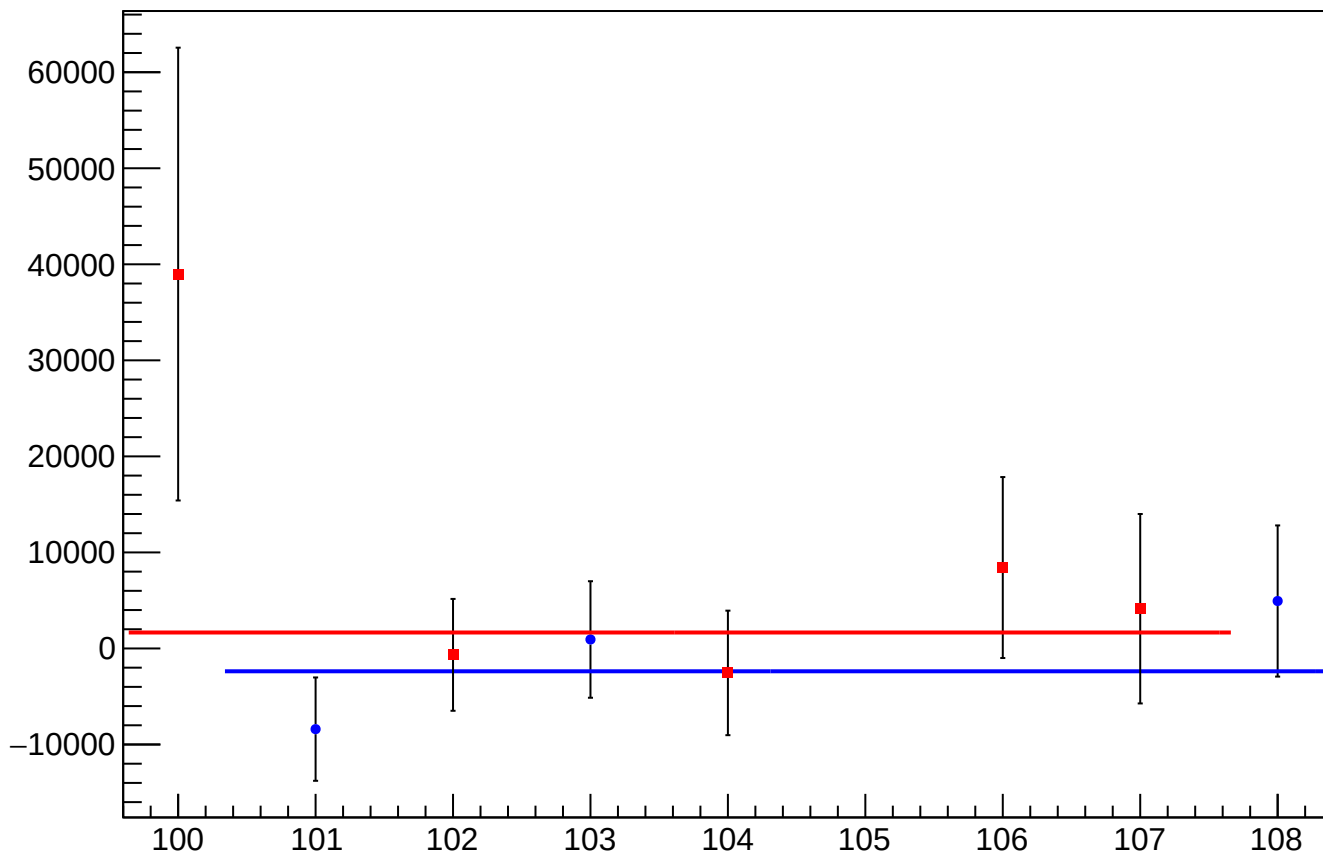
Right: 443.536+/-0.171 χ^2/NDF : 13872.9/7

In: 441.775+/-0.244 χ^2/NDF : 1833.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 443.536+/-0.171 χ^2/NDF : 13872.9/7

asym_sam2_reg_correction_mean vs Slug, Sign Corrected



Right In: -2377.103+/-3583.645 χ^2/NDF : 2.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1661.888+/-3612.476 χ^2/NDF : 3.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

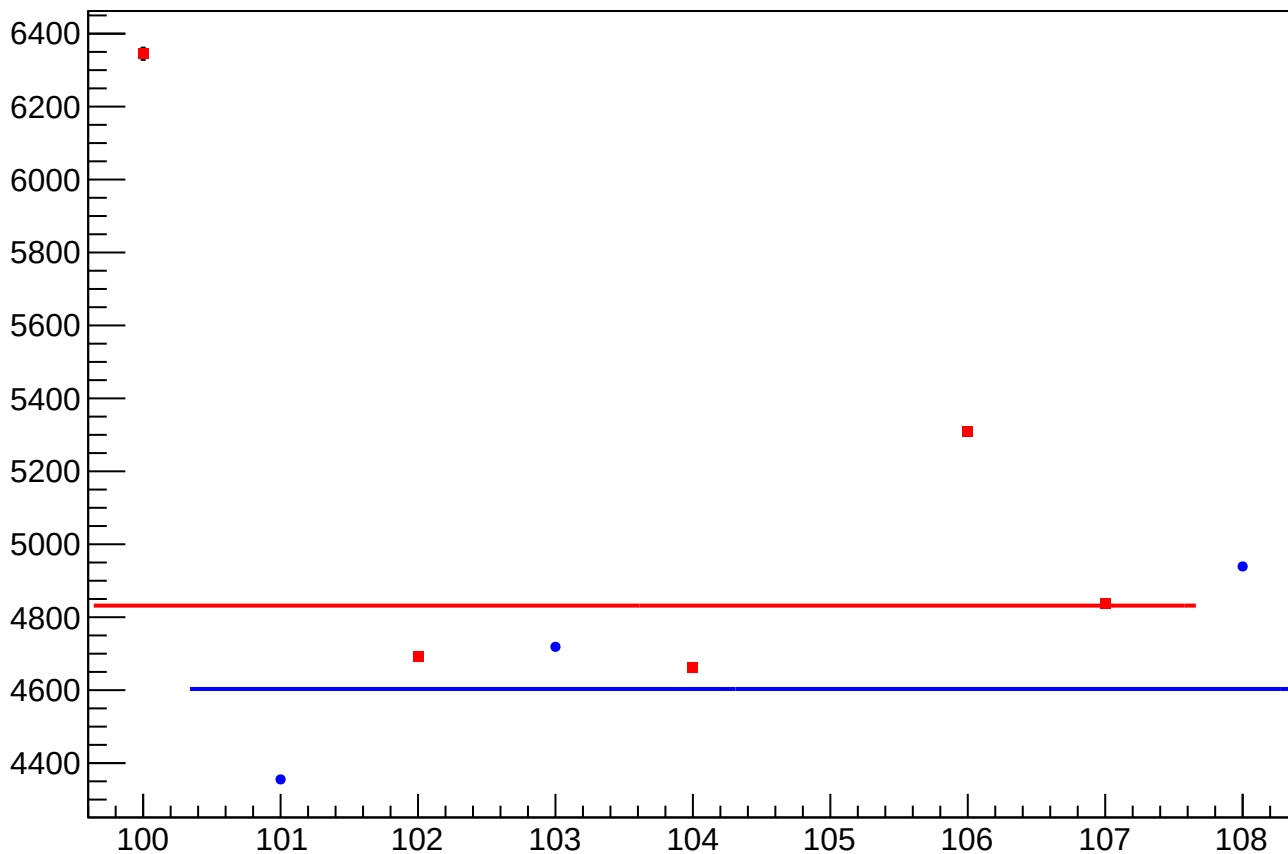
Right: -373.789+/-2544.152 χ^2/NDF : 6.7/7

In: -2377.103+/-3583.645 χ^2/NDF : 2.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -373.789+/-2544.152 χ^2/NDF : 6.7/7

asym_sam2_reg_correction_rms vs Slug, Sign Corrected



Right In: 4603.190+/-2.534 χ^2/NDF : 8619.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4831.803+/-2.554 χ^2/NDF : 15925.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

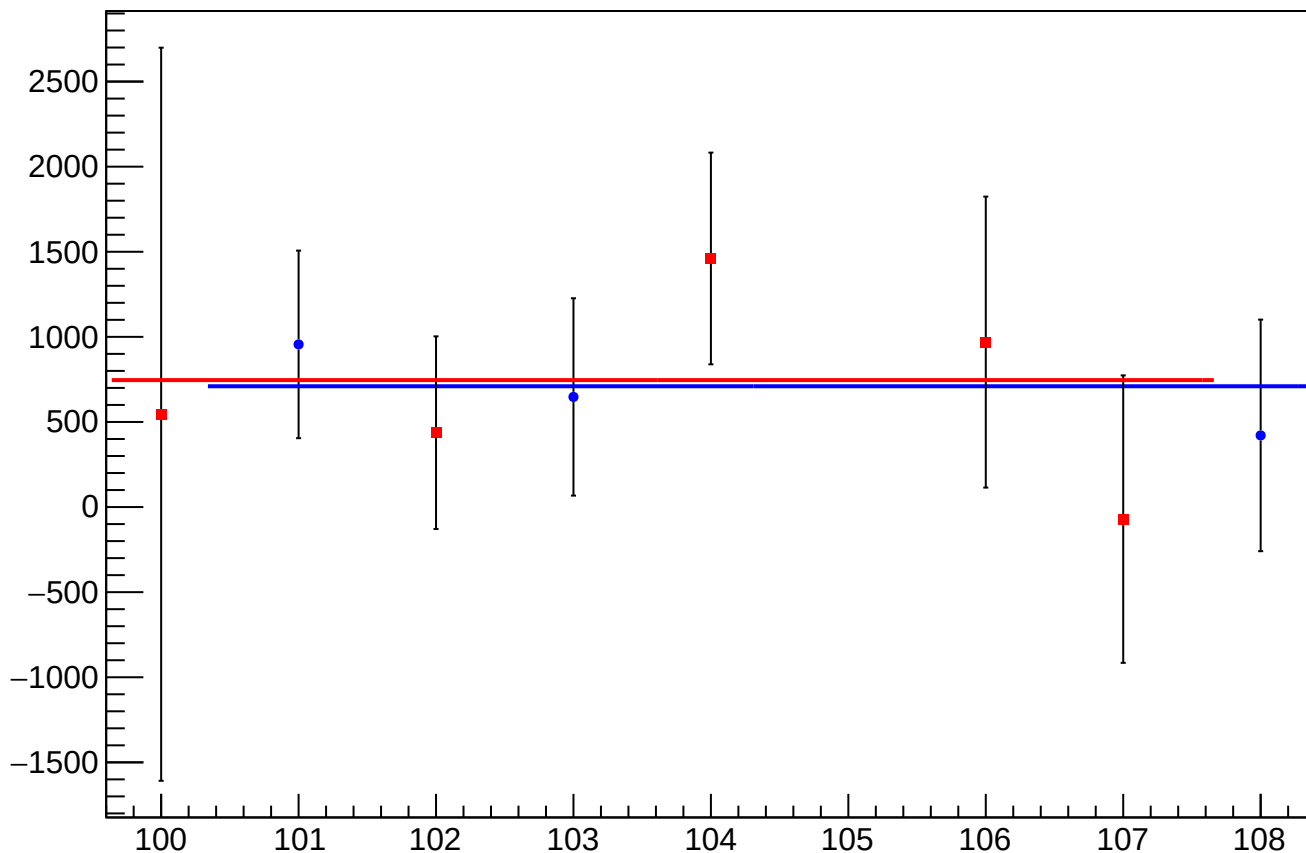
Right: 4716.581+/-1.799 χ^2/NDF : 28581.8/7

In: 4603.190+/-2.534 χ^2/NDF : 8619.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4716.581+/-1.799 χ^2/NDF : 28581.8/7

cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 709.754 $\pm$ 344.433 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 745.900 $\pm$ 339.122 χ^2 /NDF: 2.6/4

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

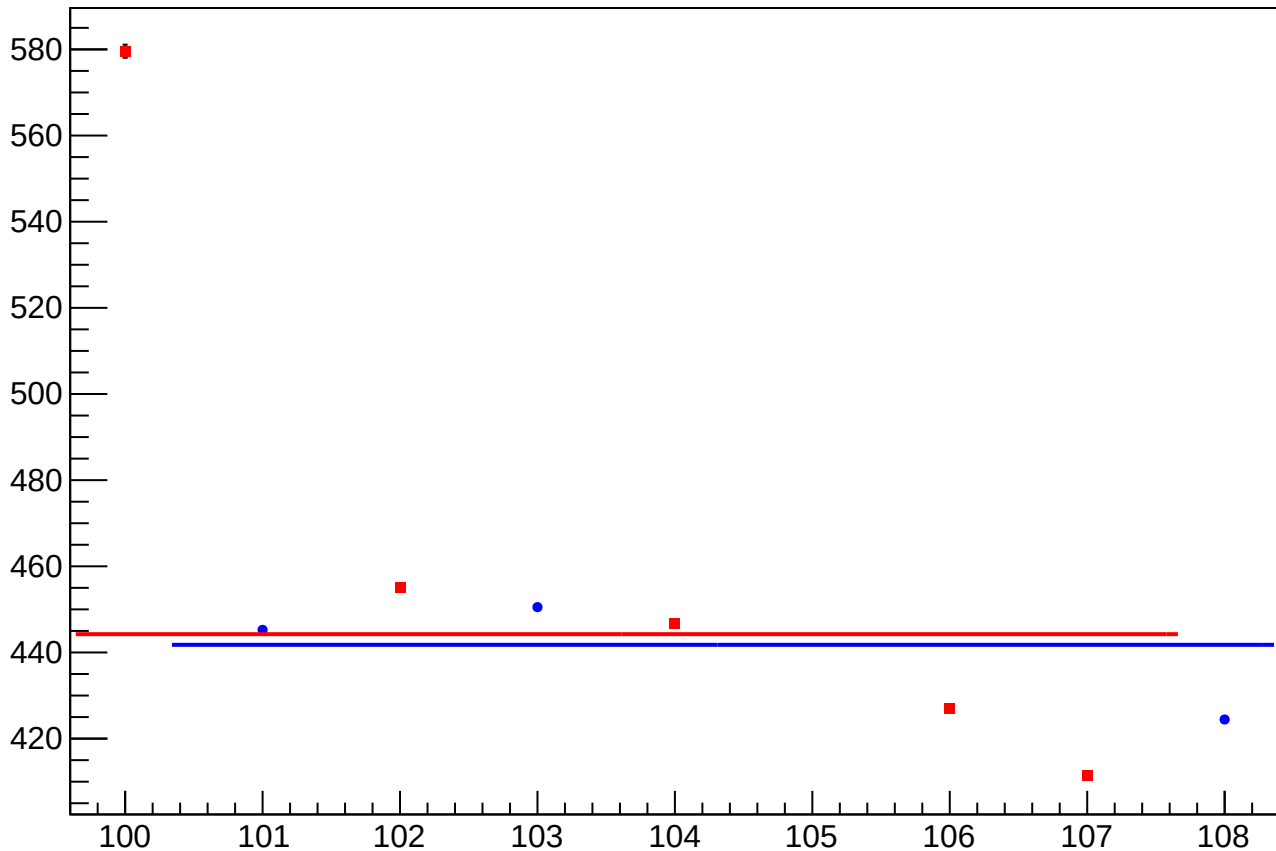
Right: 728.108 $\pm$ 241.651 χ^2 /NDF: 3.0/7

In: 709.754 $\pm$ 344.433 χ^2 /NDF:0.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 728.108 $\pm$ 241.651 χ^2 /NDF: 3.0/7

cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 441.776+/-0.244 χ^2/NDF : 1833.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 444.248+/-0.240 χ^2/NDF : 12494.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

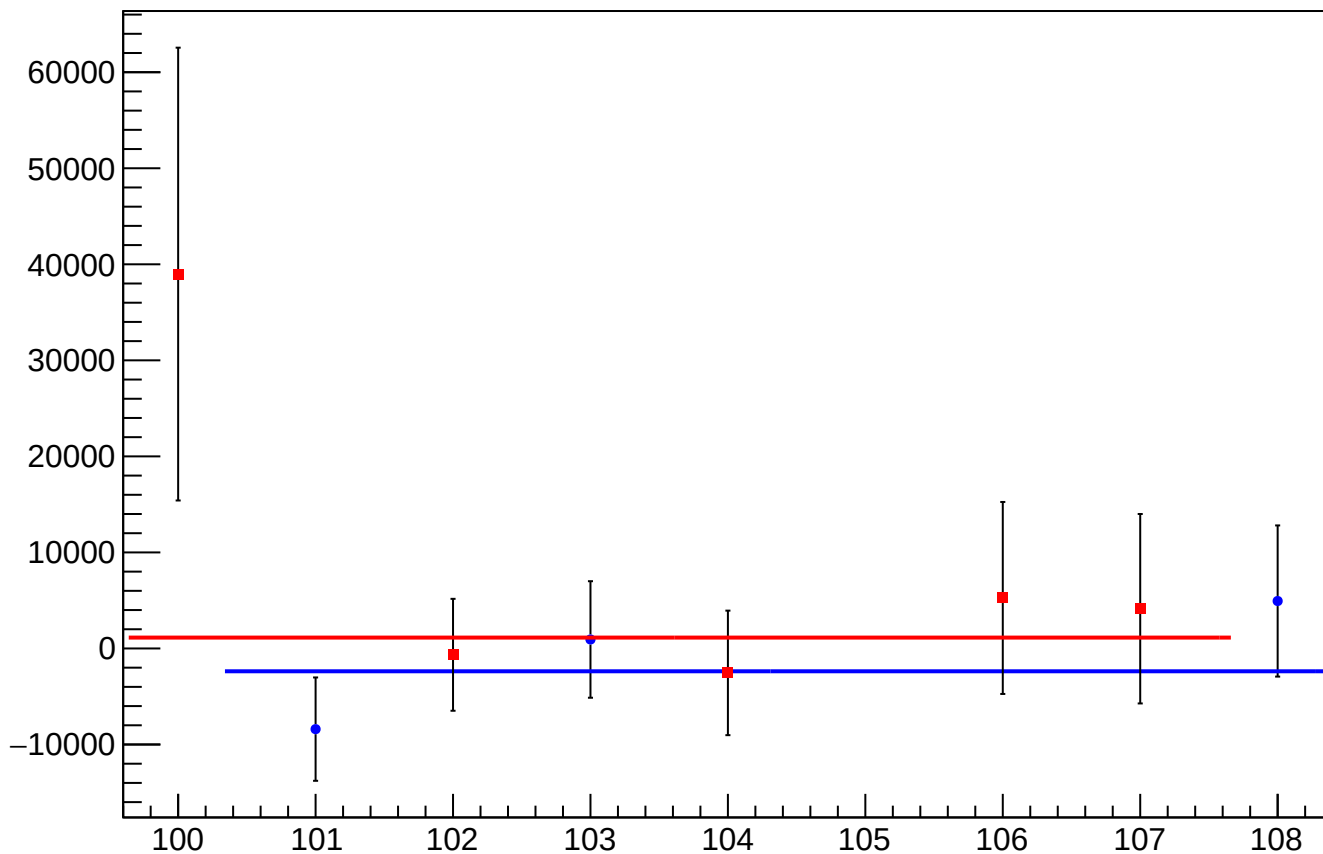
Right: 443.031+/-0.171 χ^2/NDF : 14379.9/7

In: 441.776+/-0.244 χ^2/NDF : 1833.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 443.031+/-0.171 χ^2/NDF : 14379.9/7

asym_sam2_cor_correction_mean vs Slug, Sign Corrected



Right In: -2376.516+/-3583.695 χ^2/NDF : 2.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1132.113+/-3643.185 χ^2/NDF : 3.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

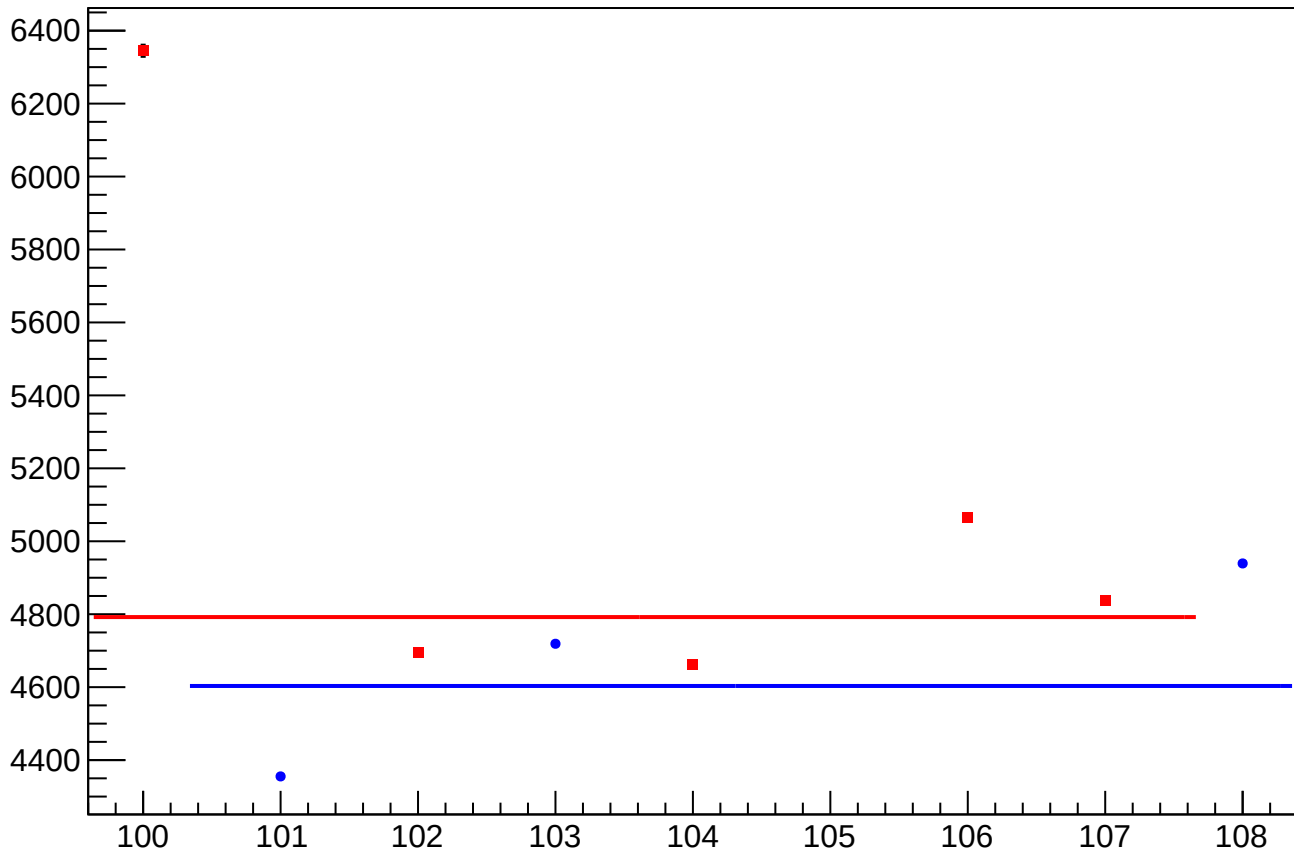
Right: -651.082+/-2554.828 χ^2/NDF : 6.1/7

In: -2376.516+/-3583.695 χ^2/NDF : 2.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -651.082+/-2554.828 χ^2/NDF : 6.1/7

asym_sam2_cor_correction_rms vs Slug, Sign Corrected



Right In: 4603.249+/-2.534 χ^2/NDF : 8621.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4792.164+/-2.576 χ^2/NDF : 11573.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

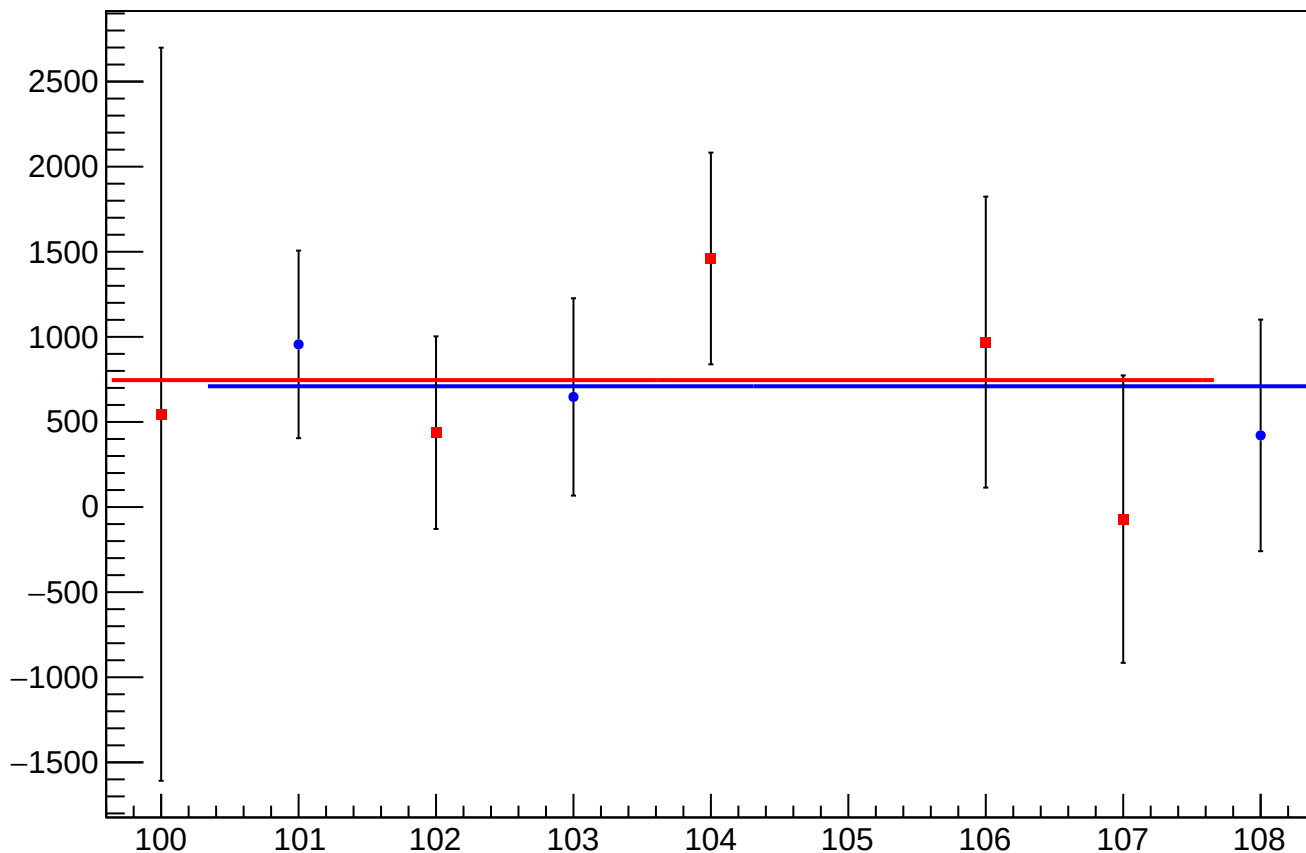
Right: 4696.152+/-1.807 χ^2/NDF : 22927.8/7

In: 4603.249+/-2.534 χ^2/NDF : 8621.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4696.152+/-1.807 χ^2/NDF : 22927.8/7

eigen_cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 709.754+/-344.433 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 745.900+/-339.122 χ^2/NDF : 2.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

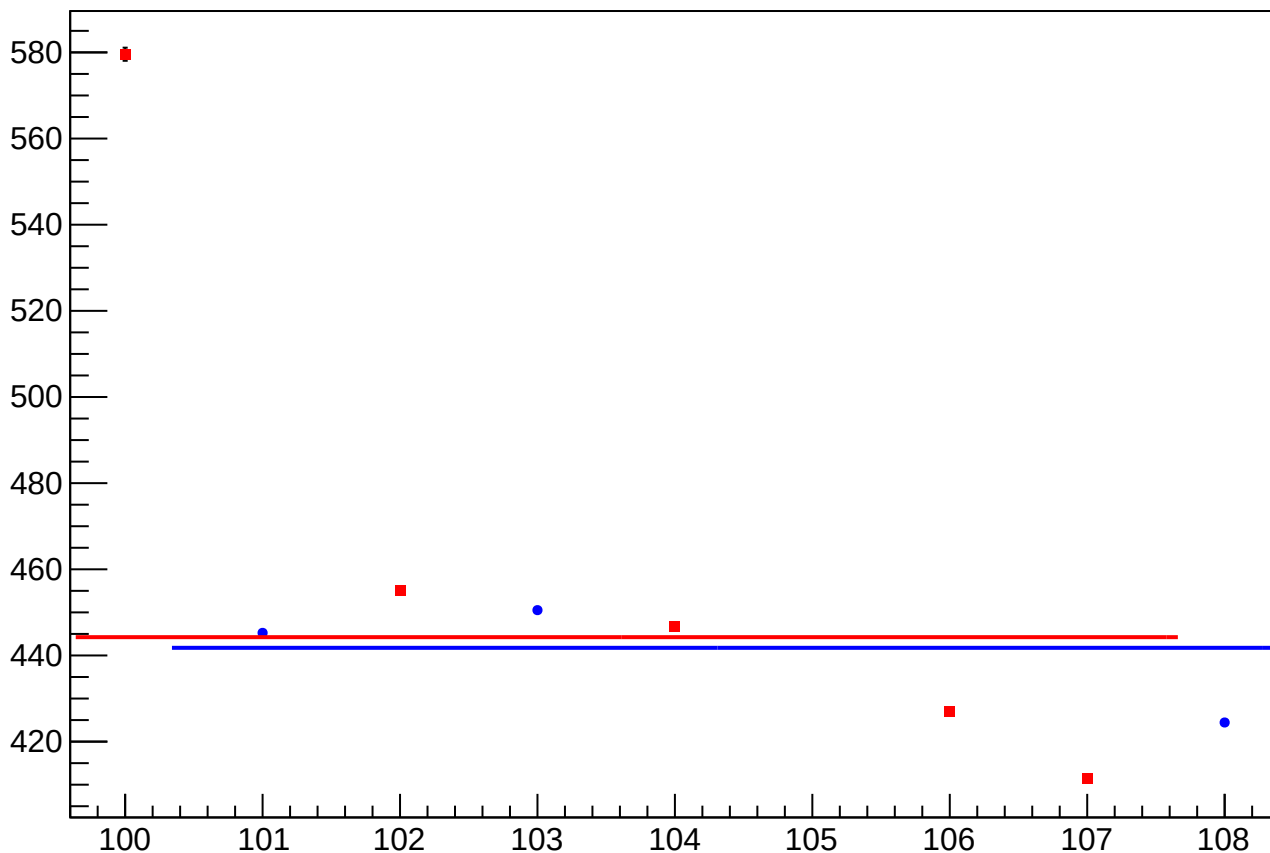
Right: 728.108+/-241.651 χ^2/NDF : 3.0/7

In: 709.754+/-344.433 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 728.108+/-241.651 χ^2/NDF : 3.0/7

eigen_cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 441.776+/-0.244 χ^2/NDF : 1833.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 444.248+/-0.240 χ^2/NDF : 12494.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

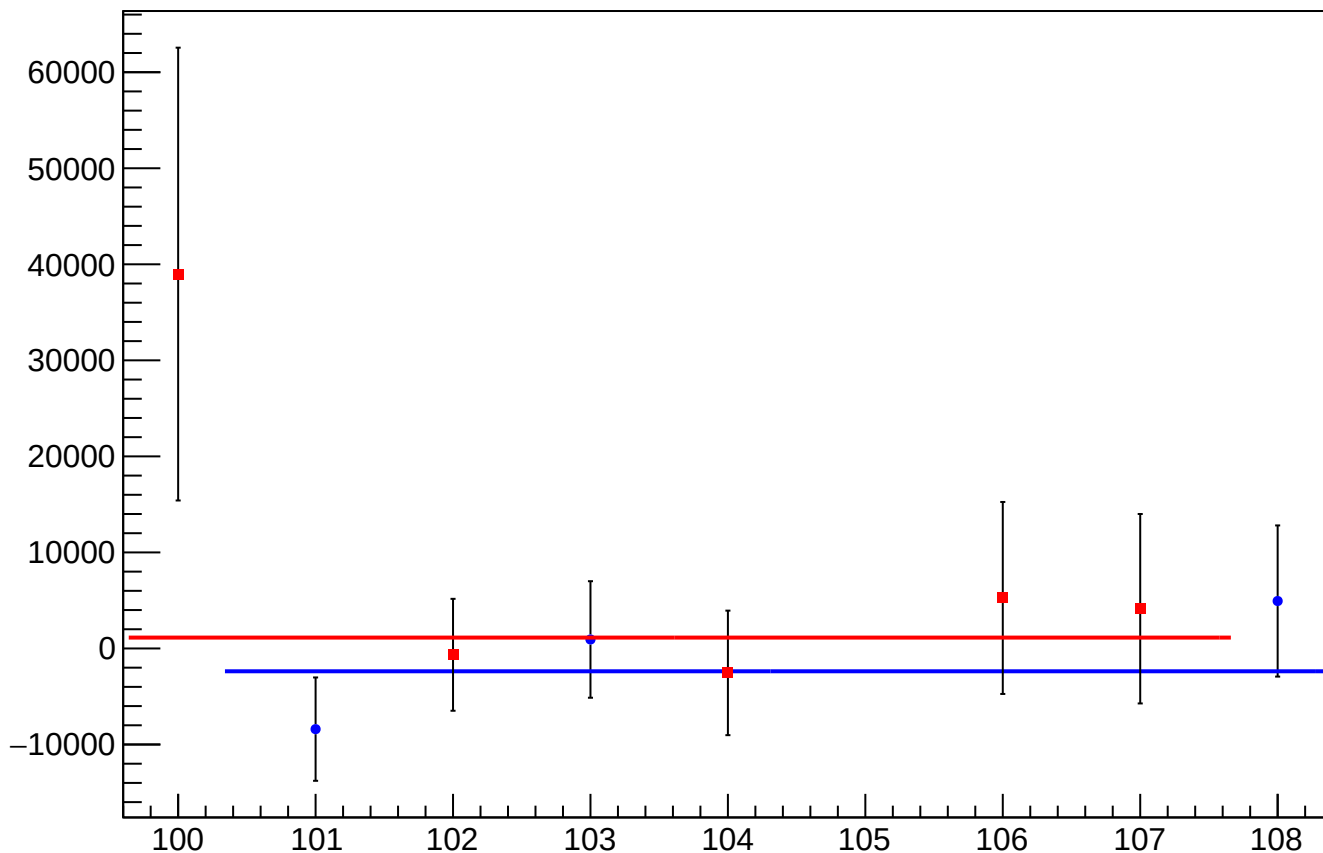
Right: 443.031+/-0.171 χ^2/NDF : 14379.9/7

In: 441.776+/-0.244 χ^2/NDF : 1833.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 443.031+/-0.171 χ^2/NDF : 14379.9/7

asym_sam2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -2376.516+/-3583.695 χ^2/NDF : 2.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1132.113+/-3643.185 χ^2/NDF : 3.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

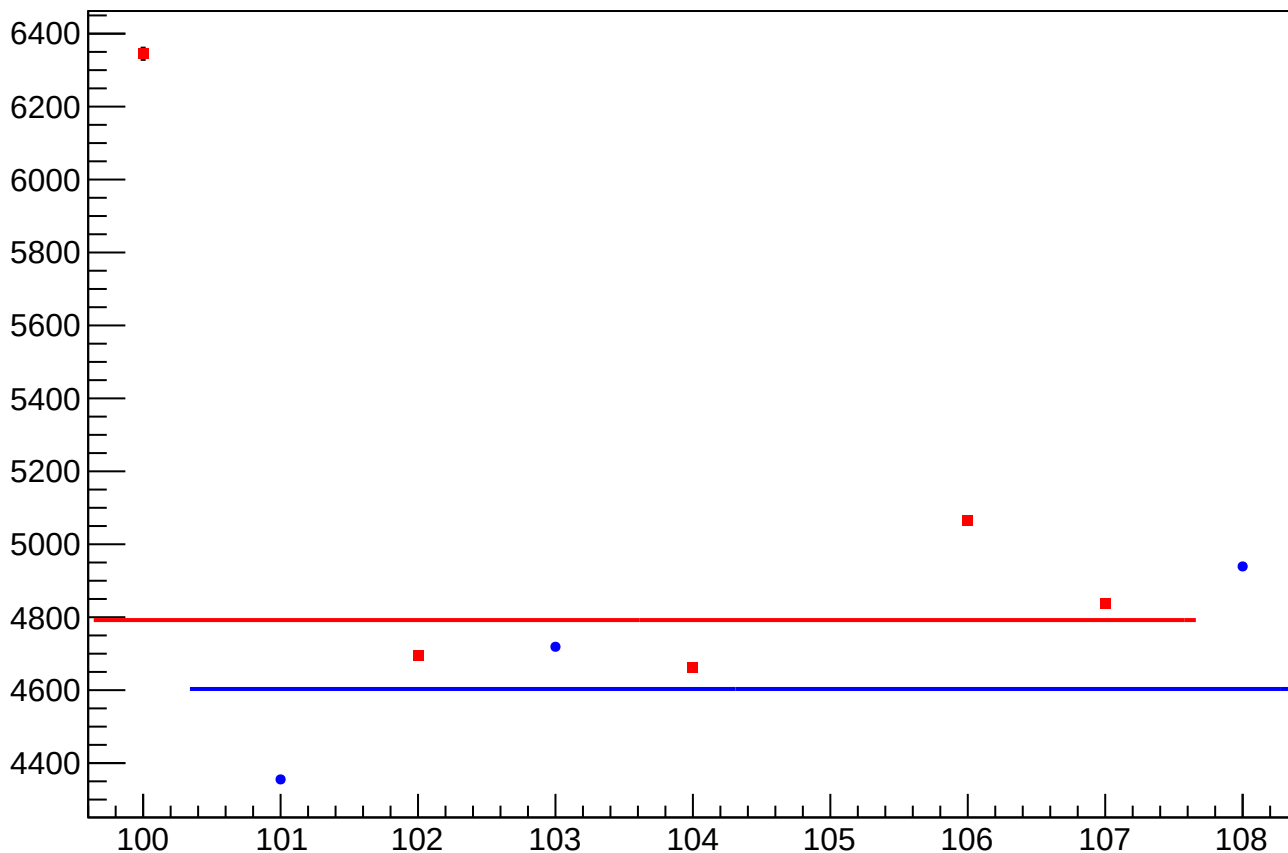
Right: -651.082+/-2554.828 χ^2/NDF : 6.1/7

In: -2376.516+/-3583.695 χ^2/NDF : 2.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -651.082+/-2554.828 χ^2/NDF : 6.1/7

asym_sam2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4603.249+/-2.534 χ^2/NDF : 8621.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4792.164+/-2.576 χ^2/NDF : 11573.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

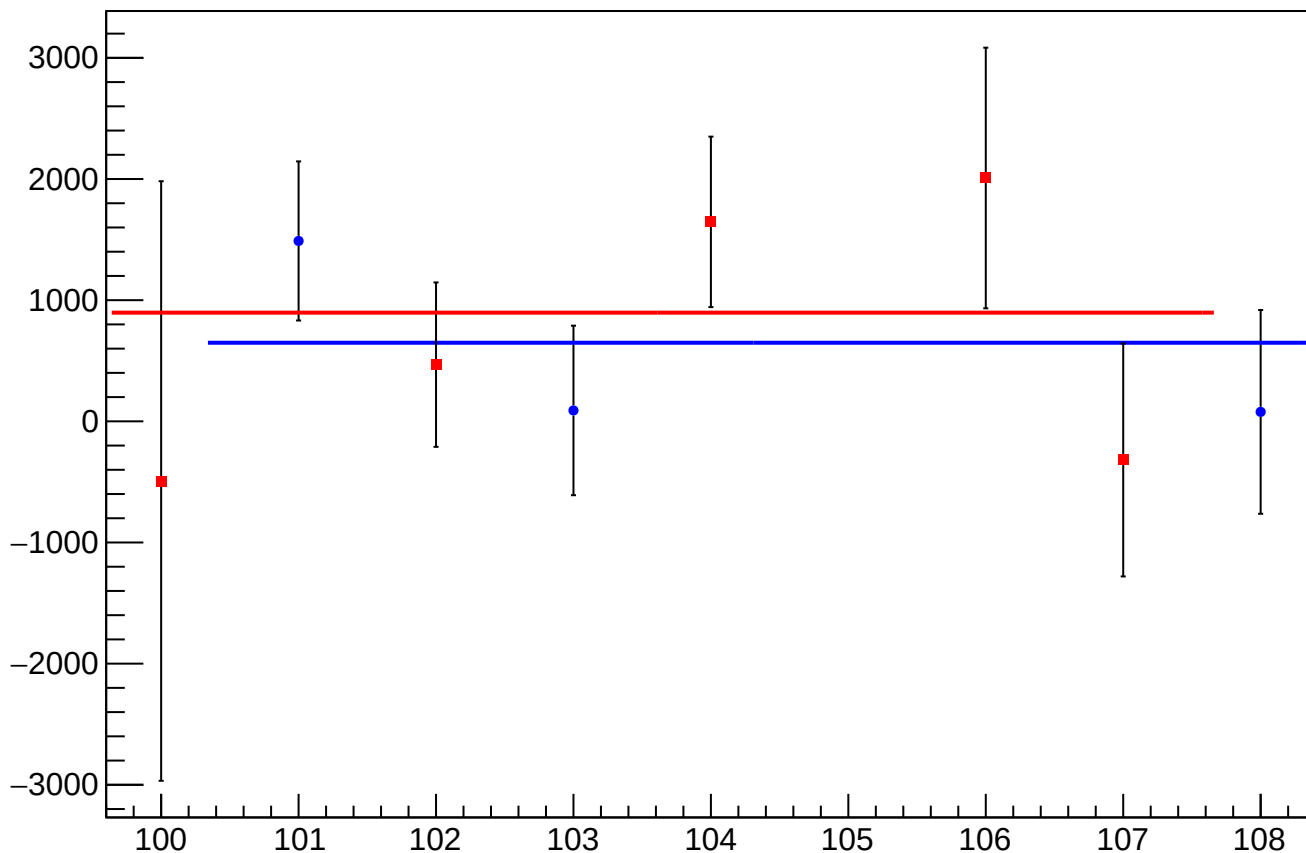
Right: 4696.152+/-1.807 χ^2/NDF : 22927.8/7

In: 4603.249+/-2.534 χ^2/NDF : 8621.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4696.152+/-1.807 χ^2/NDF : 22927.8/7

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 648.696+/-416.073 χ^2/NDF : 2.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 897.117+/-398.343 χ^2/NDF : 4.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

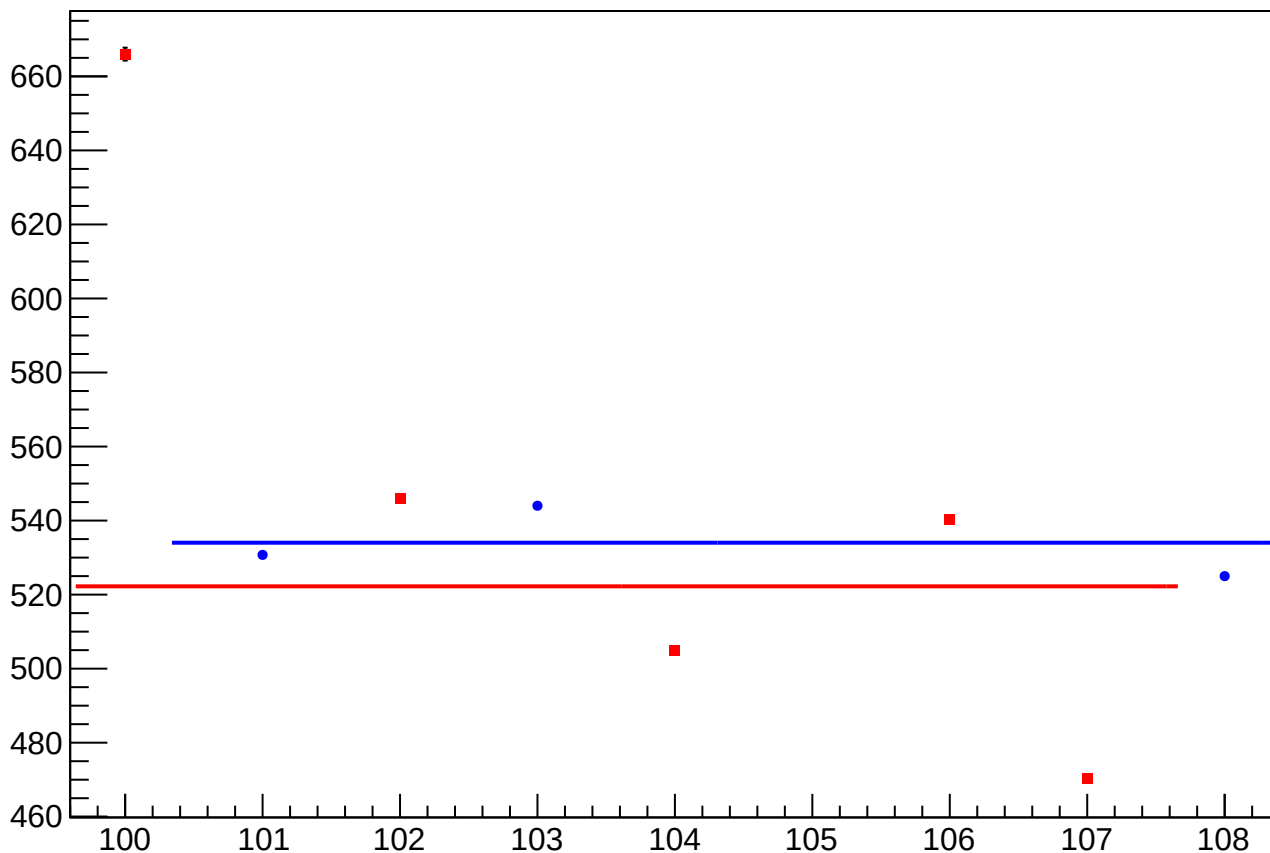
Right: 778.312+/-287.735 χ^2/NDF : 7.4/7

In: 648.696+/-416.073 χ^2/NDF : 2.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 778.312+/-287.735 χ^2/NDF : 7.4/7

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 534.024 ± 0.294 χ^2/NDF : 687.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 522.237 ± 0.282 χ^2/NDF : 16800.5/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

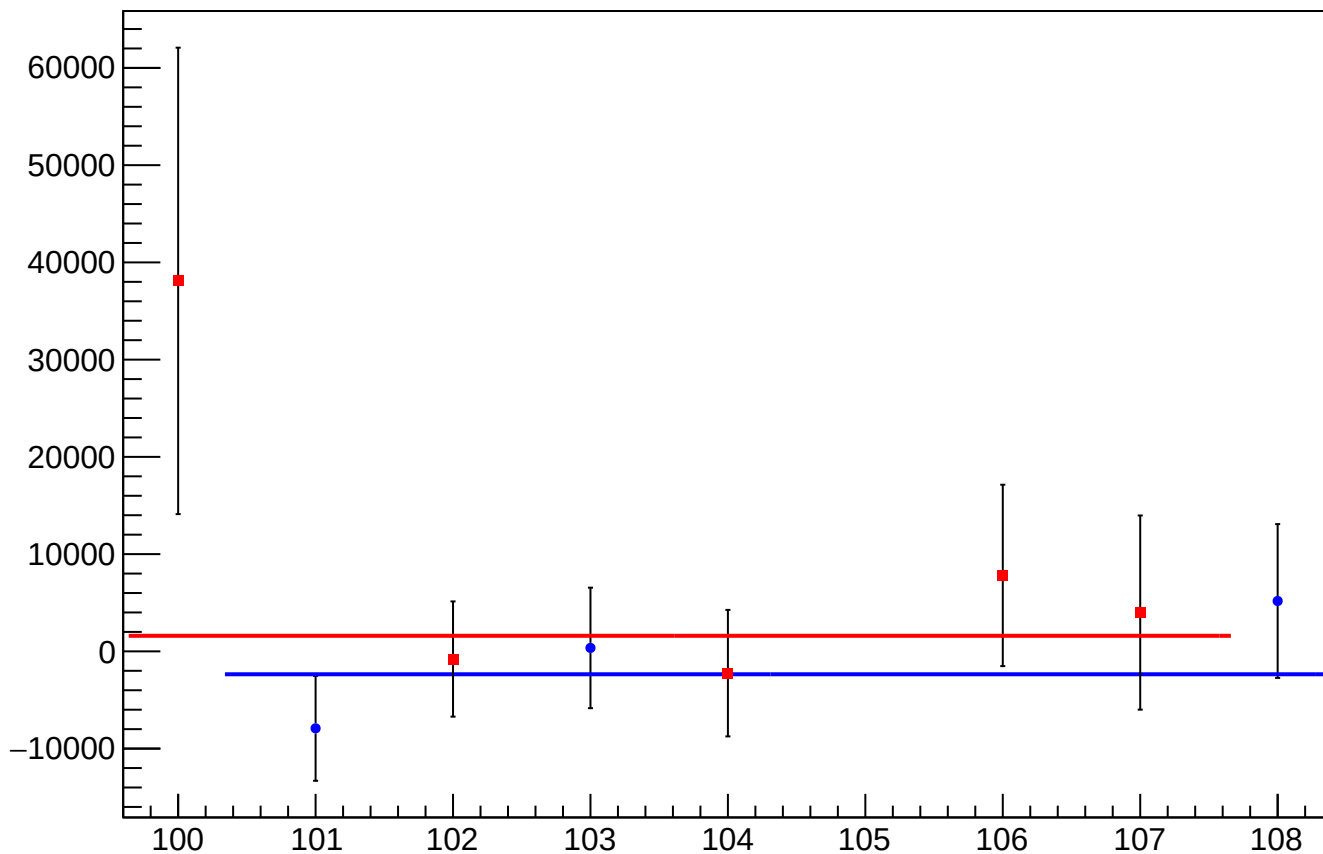
Right: 527.874 ± 0.203 χ^2/NDF : 18325.6/7

In: 534.024 ± 0.294 χ^2/NDF : 687.6/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 527.874 ± 0.203 χ^2/NDF : 18325.6/7

asym_sam2_dit_correction_mean vs Slug, Sign Corrected



Right In: -2356.035+/-3618.374 χ^2/NDF : 2.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1599.511+/-3642.329 χ^2/NDF : 3.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

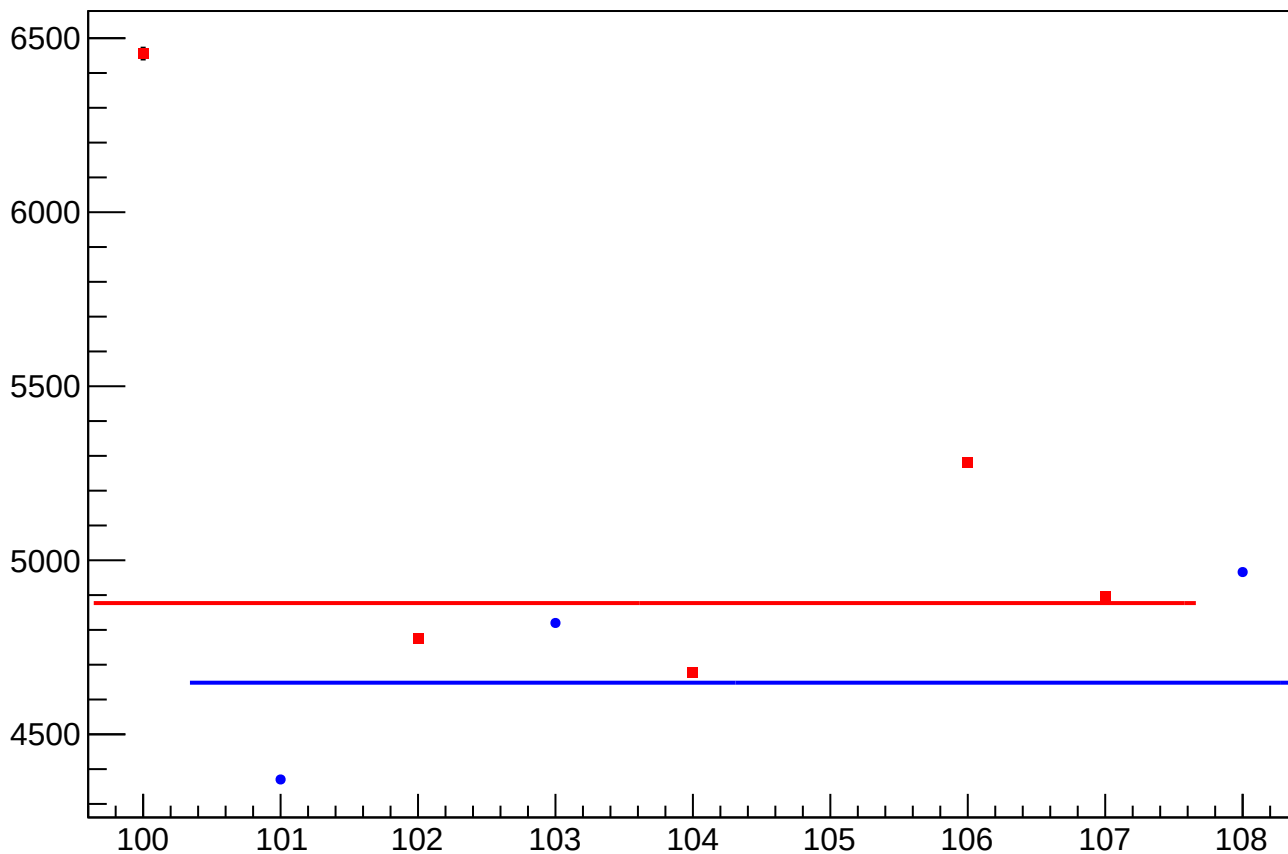
Right: -391.312+/-2567.004 χ^2/NDF : 6.1/7

In: -2356.035+/-3618.374 χ^2/NDF : 2.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -391.312+/-2567.004 χ^2/NDF : 6.1/7

asym_sam2_dit_correction_rms vs Slug, Sign Corrected



Right In: 4648.317+/-2.559 χ^2/NDF : 10075.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4877.058+/-2.576 χ^2/NDF : 14913.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

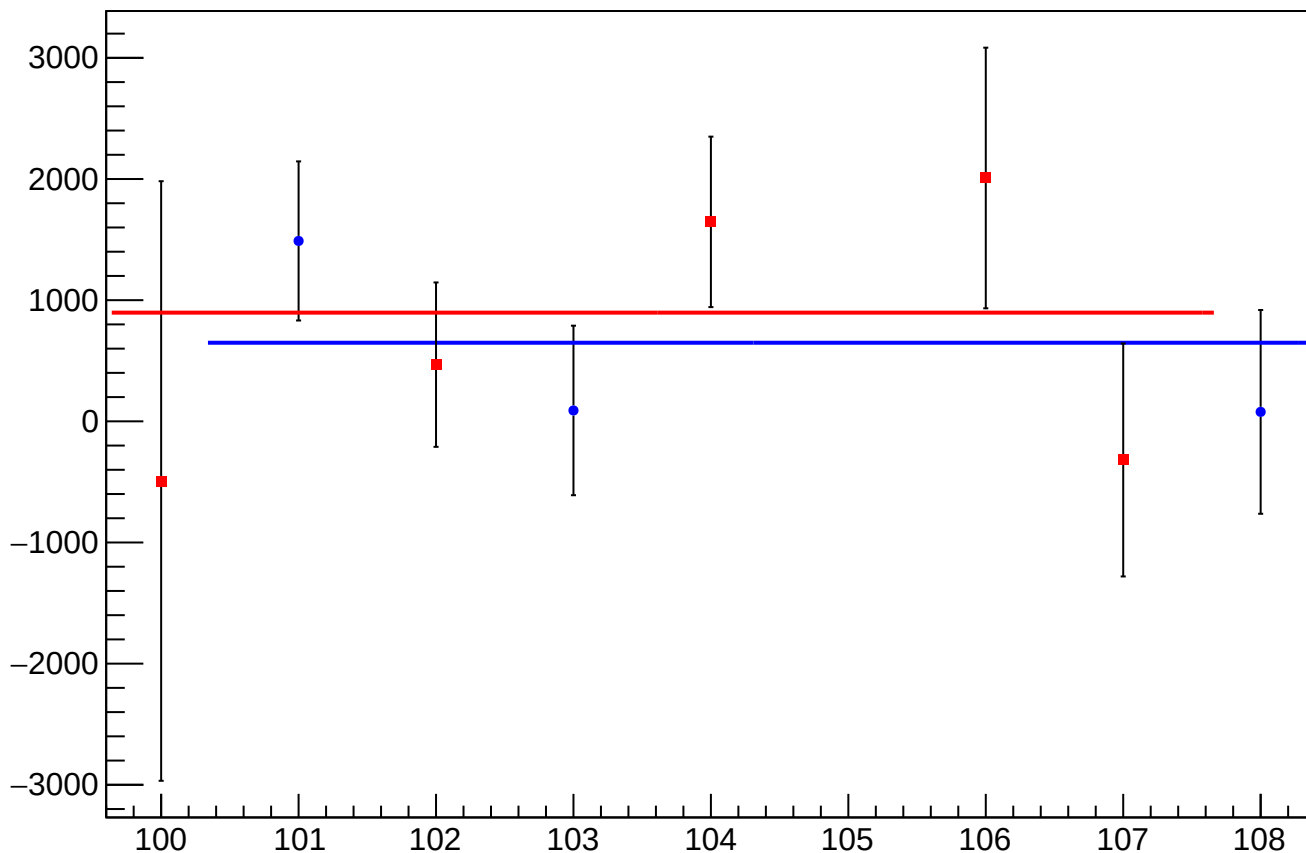
Right: 4761.933+/-1.815 χ^2/NDF : 28958.4/7

In: 4648.317+/-2.559 χ^2/NDF : 10075.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4761.933+/-1.815 χ^2/NDF : 28958.4/7

eigen_dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 648.689+/-416.072 χ^2/NDF : 2.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 897.122+/-398.342 χ^2/NDF : 4.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

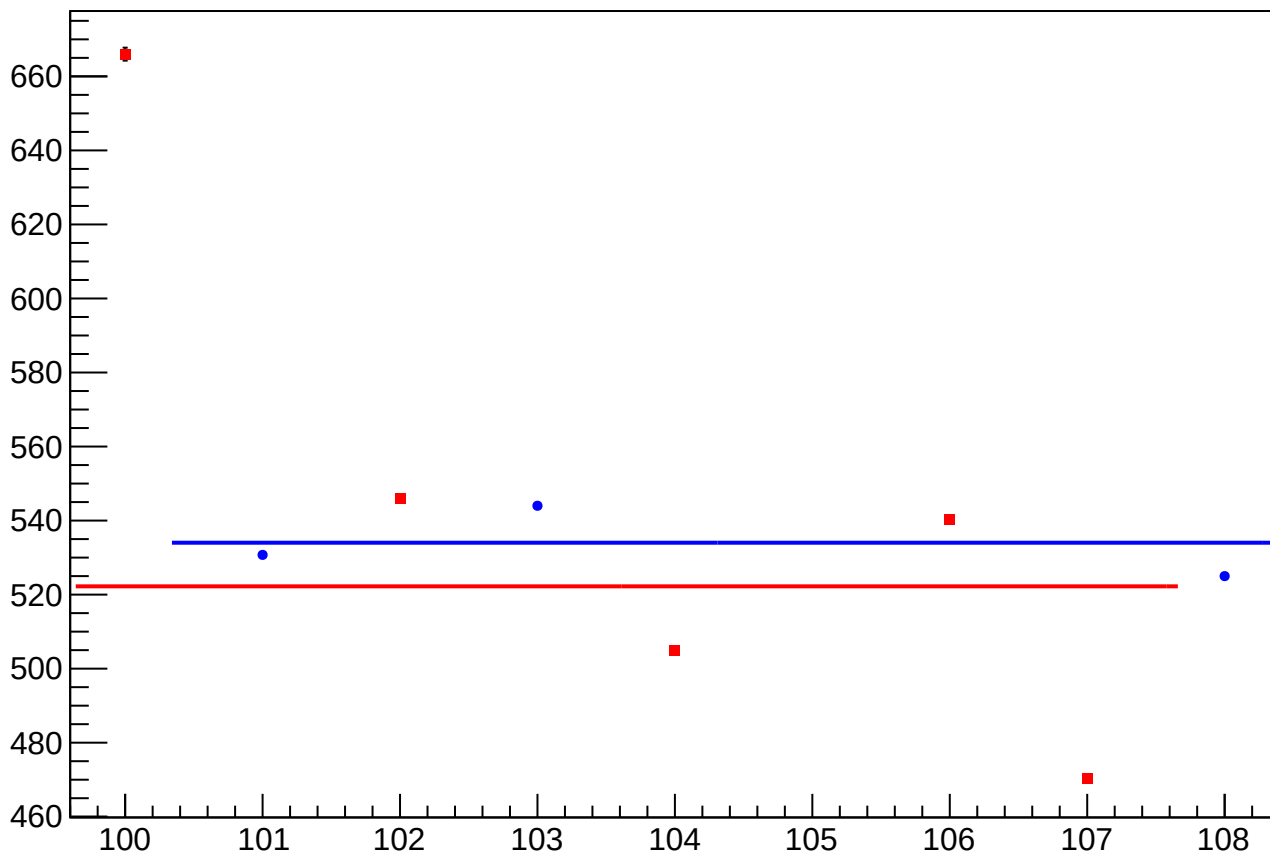
Right: 778.311+/-287.734 χ^2/NDF : 7.4/7

In: 648.689+/-416.072 χ^2/NDF : 2.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 778.311+/-287.734 χ^2/NDF : 7.4/7

eigen_dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 534.023+/-0.294 χ^2/NDF : 687.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 522.236+/-0.282 χ^2/NDF : 16800.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

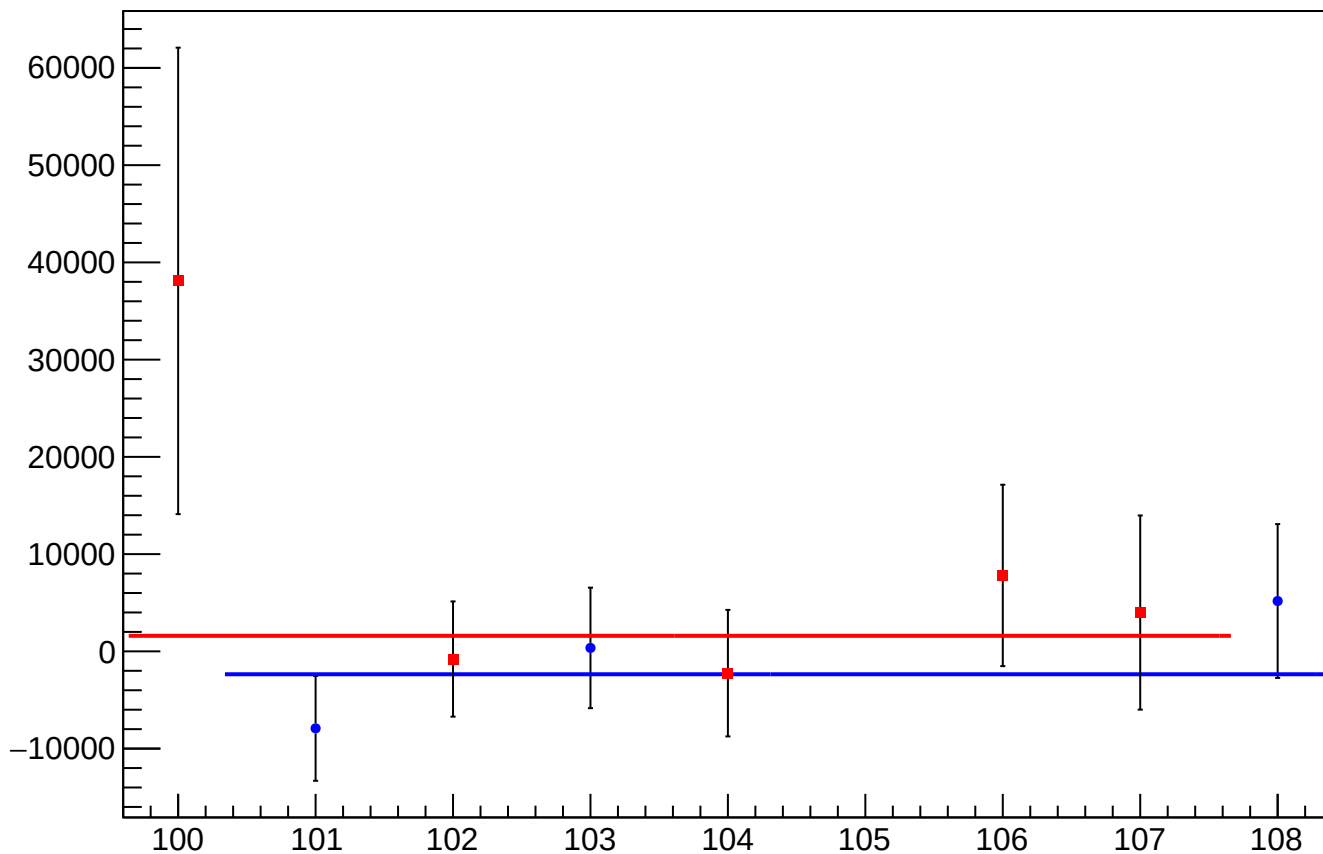
Right: 527.873+/-0.203 χ^2/NDF : 18324.9/7

In: 534.023+/-0.294 χ^2/NDF : 687.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 527.873+/-0.203 χ^2/NDF : 18324.9/7

asym_sam2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -2356.035 $\pm$ 3618.367 χ^2 /NDF: 2.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1599.501 $\pm$ 3642.320 χ^2 /NDF: 3.3/4

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

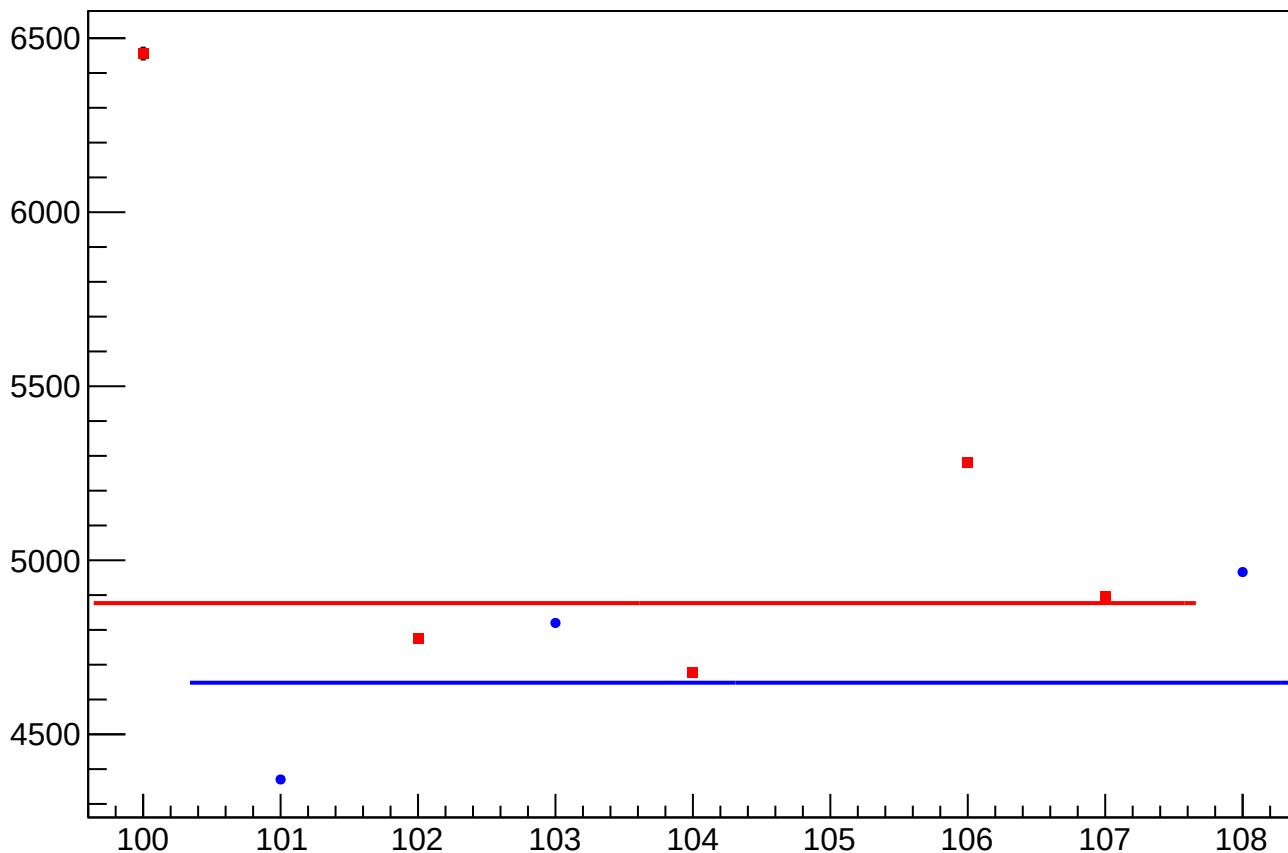
Right: -391.316 $\pm$ 2566.999 χ^2 /NDF: 6.1/7

In: -2356.035 $\pm$ 3618.367 χ^2 /NDF: 2.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -391.316 $\pm$ 2566.999 χ^2 /NDF: 6.1/7

asym_sam2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4648.308+/-2.559 χ^2/NDF : 10074.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4877.046+/-2.576 χ^2/NDF : 14913.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

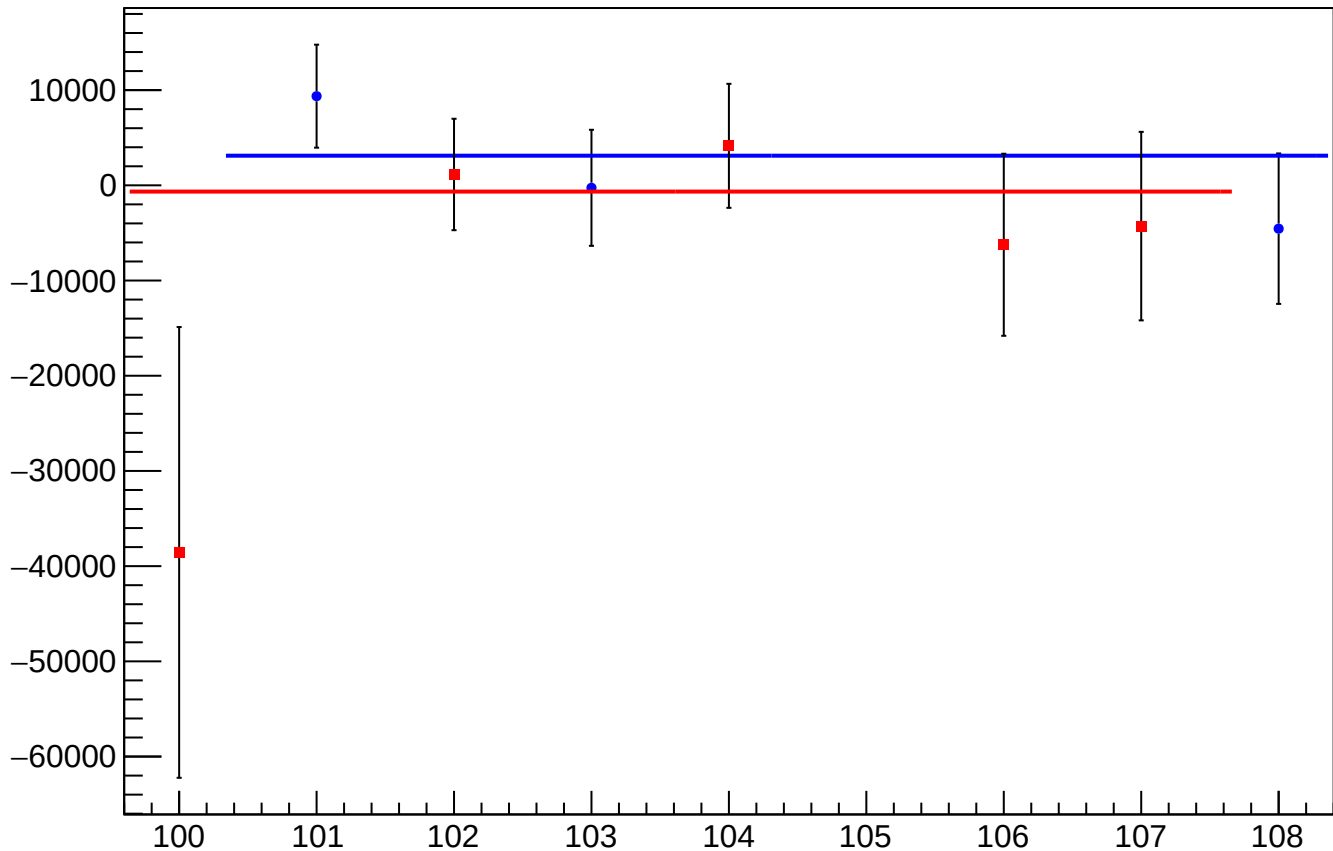
Right: 4761.923+/-1.815 χ^2/NDF : 28958.4/7

In: 4648.308+/-2.559 χ^2/NDF : 10074.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4761.923+/-1.815 χ^2/NDF : 28958.4/7

asym_sam2_mean vs Slug, Sign Corrected



Right In: 3112.859+/-3601.172 χ^2/NDF : 2.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -656.811+/-3634.401 χ^2/NDF : 3.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

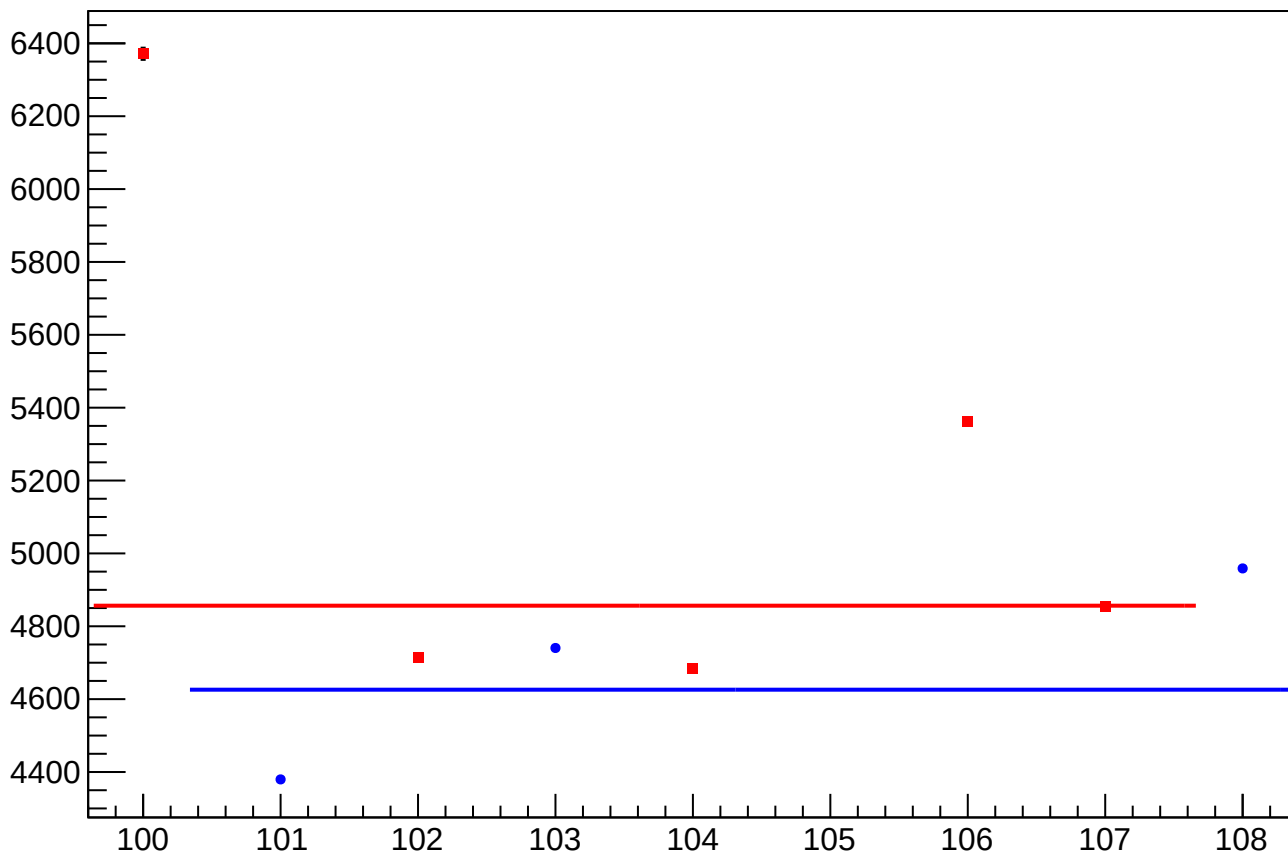
Right: 1245.336+/-2558.080 χ^2/NDF : 6.8/7

In: 3112.859+/-3601.172 χ^2/NDF : 2.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1245.336+/-2558.080 χ^2/NDF : 6.8/7

asym_sam2_rms vs Slug, Sign Corrected



Right In: 4625.928+/-2.546 χ^2/NDF : 8398.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4856.504+/-2.570 χ^2/NDF : 16369.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

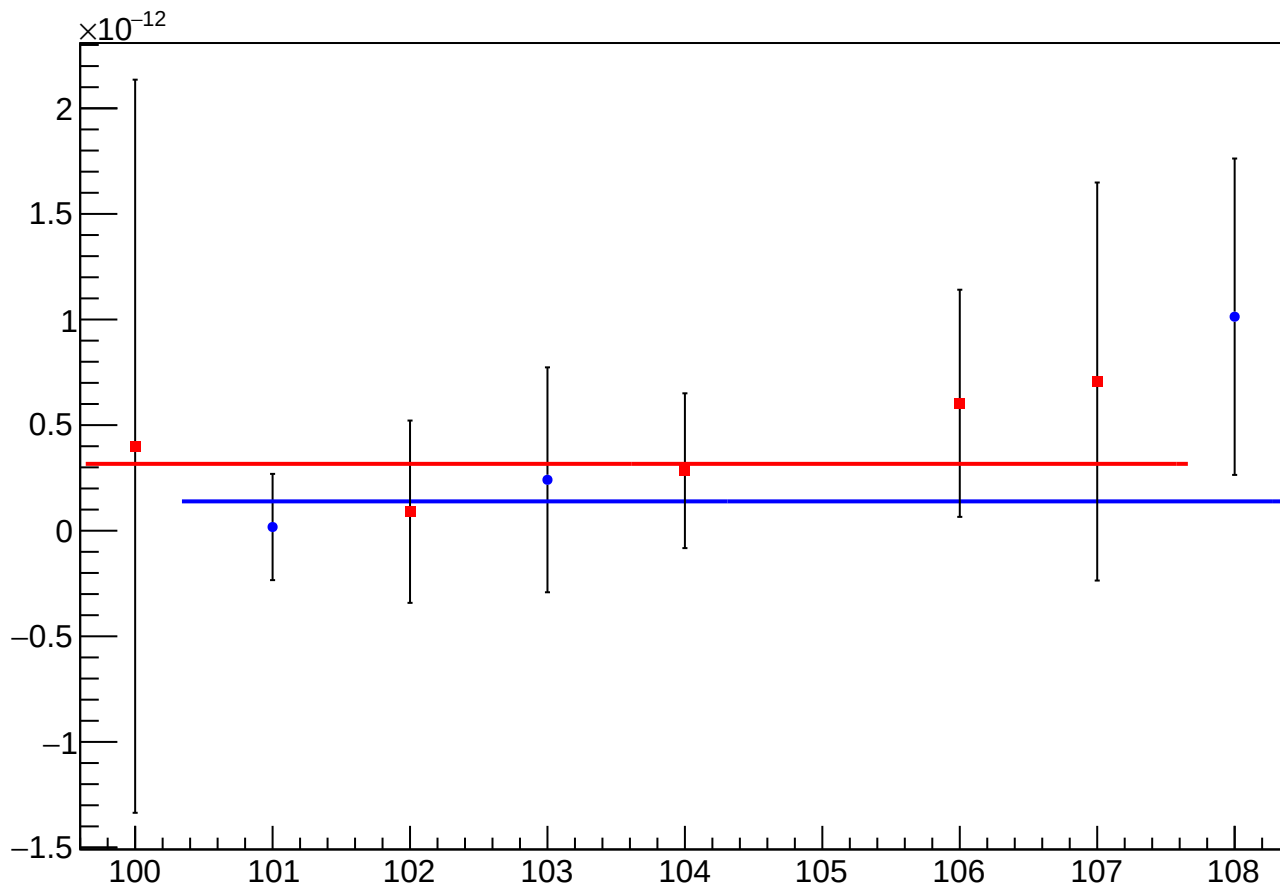
Right: 4740.157+/-1.809 χ^2/NDF : 28829.8/7

In: 4625.928+/-2.546 χ^2/NDF : 8398.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4740.157+/-1.809 χ^2/NDF : 28829.8/7

asym_sam2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

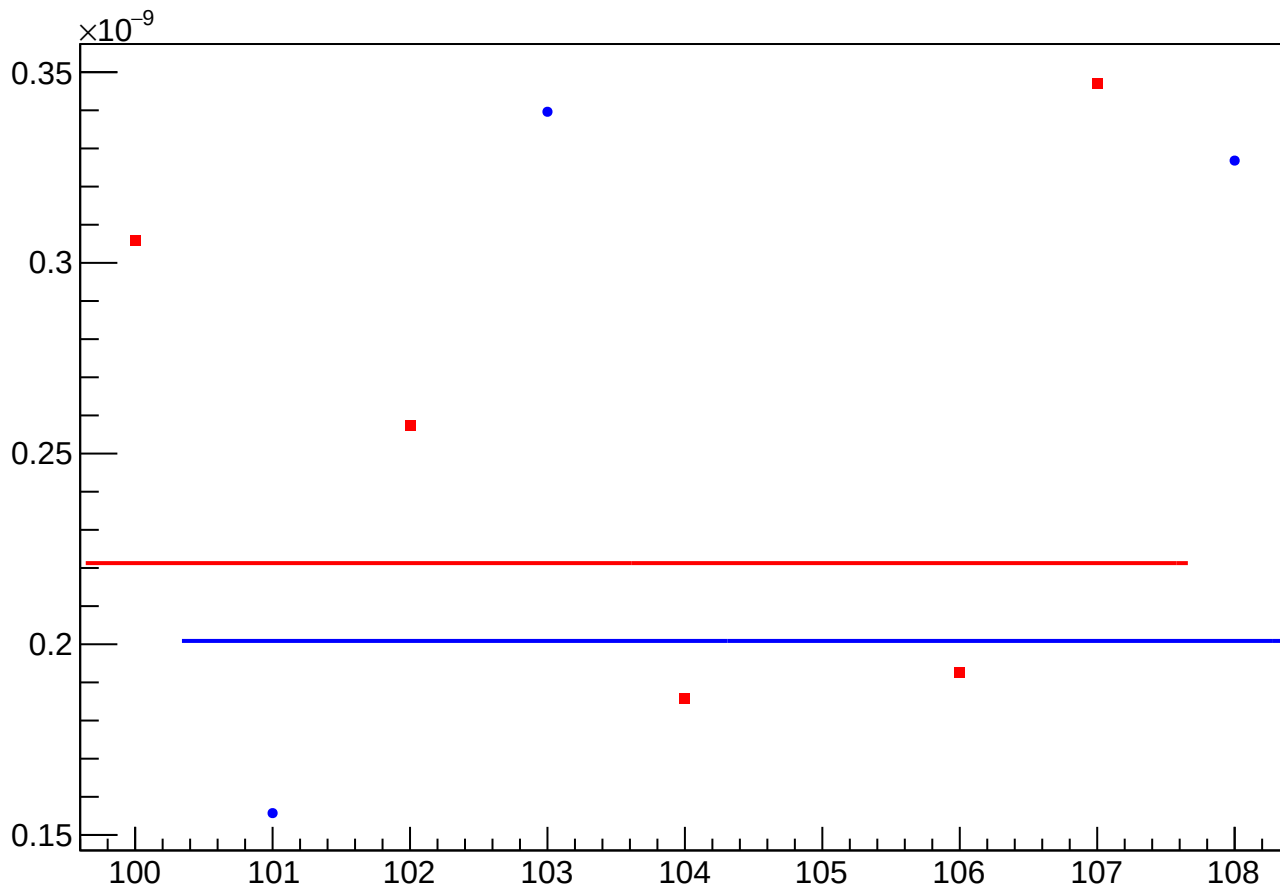
Right: 0.000+/-0.000 χ^2/NDF : 2.7/7

In: 0.000+/-0.000 χ^2/NDF : 1.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2.7/7

asym_sam2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 256769.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 78738.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

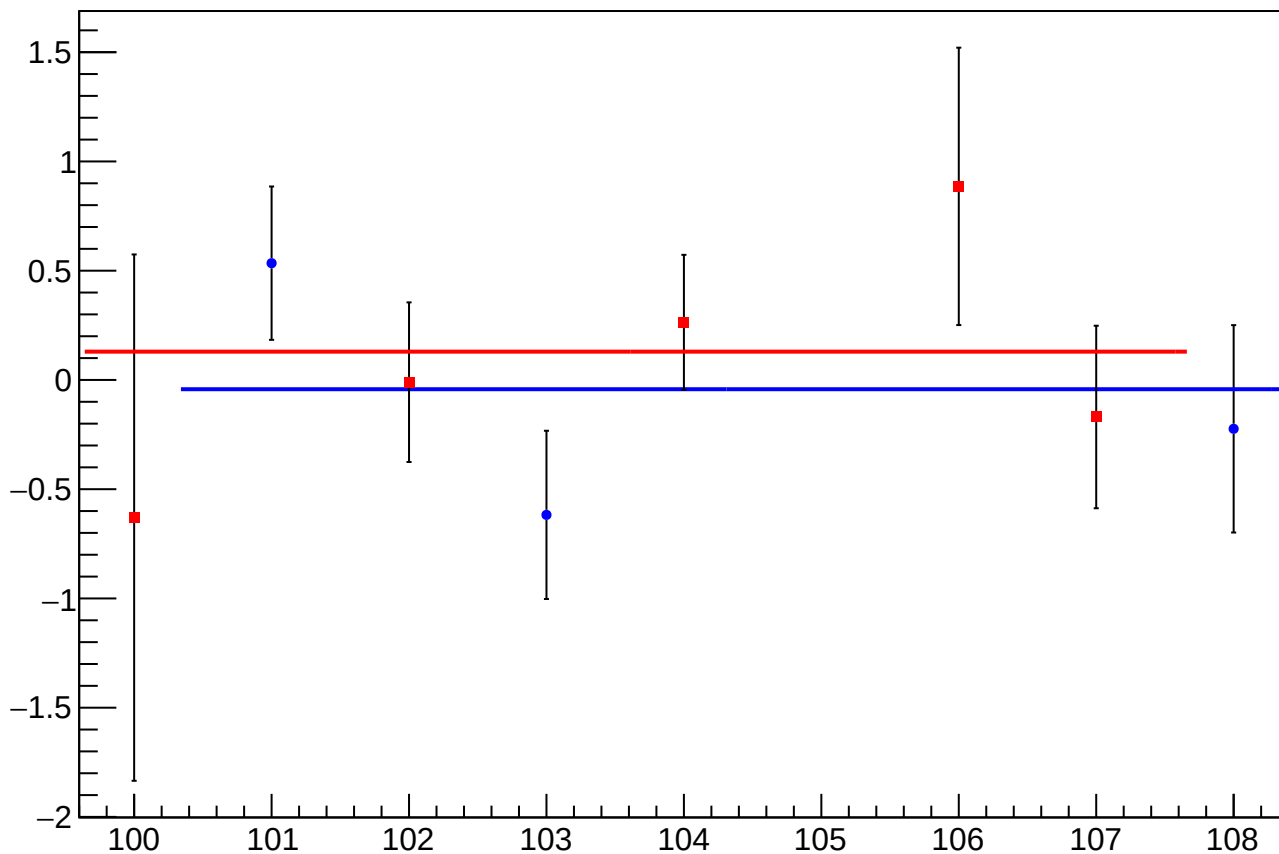
Right: 0.000+/-0.000 χ^2/NDF : 343531.3/7

In: 0.000+/-0.000 χ^2/NDF : 256769.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 343531.3/7

asym_sam2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.042 $\pm$ 0.228 χ^2 /NDF: 5.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.130 $\pm$ 0.193 χ^2 /NDF: 2.7/4

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

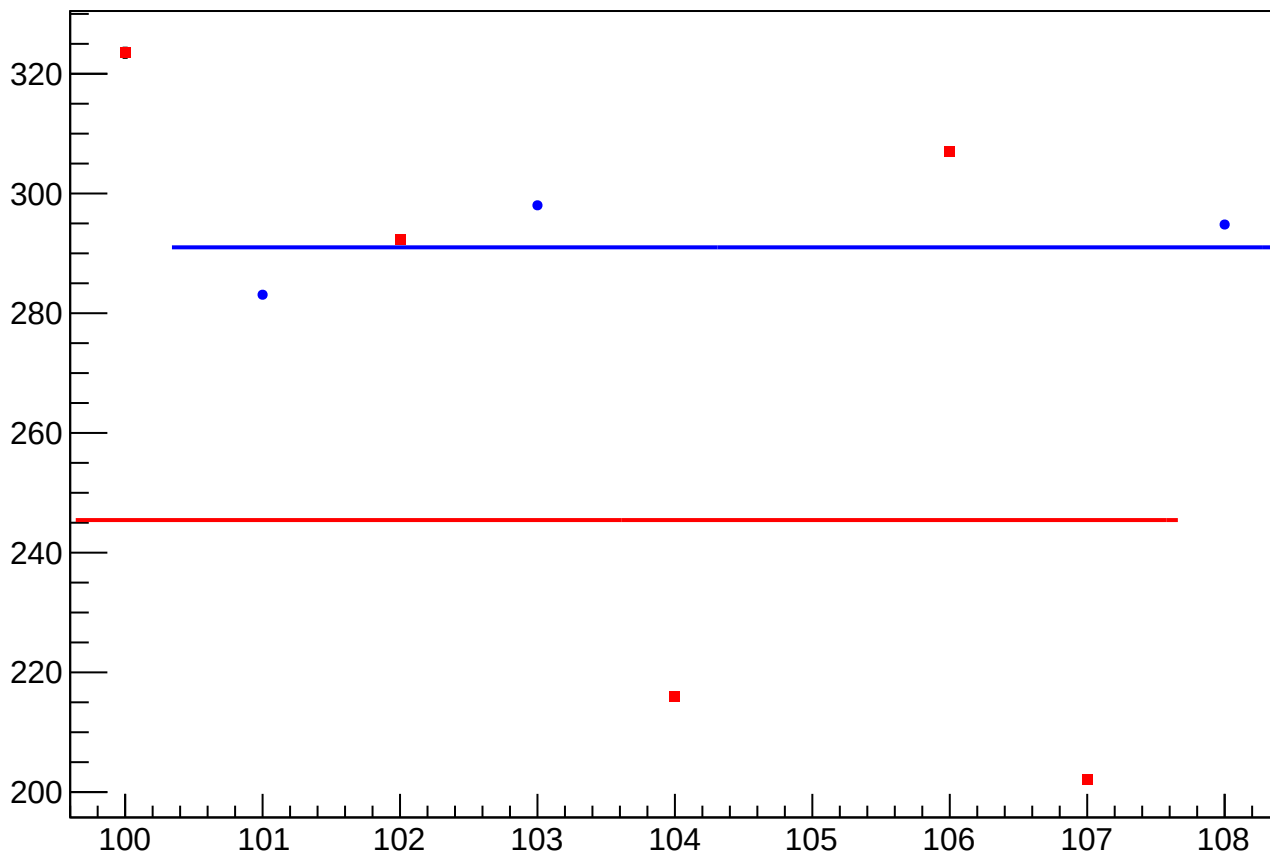
Right: 0.058 $\pm$ 0.147 χ^2 /NDF: 8.1/7

In: -0.042 $\pm$ 0.228 χ^2 /NDF:5.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.058 $\pm$ 0.147 χ^2 /NDF: 8.1/7

asym_sam2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 291.007 $\pm$ 0.161 χ^2 /NDF: 1811.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 245.445 $\pm$ 0.136 χ^2 /NDF: 99808.7/4

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

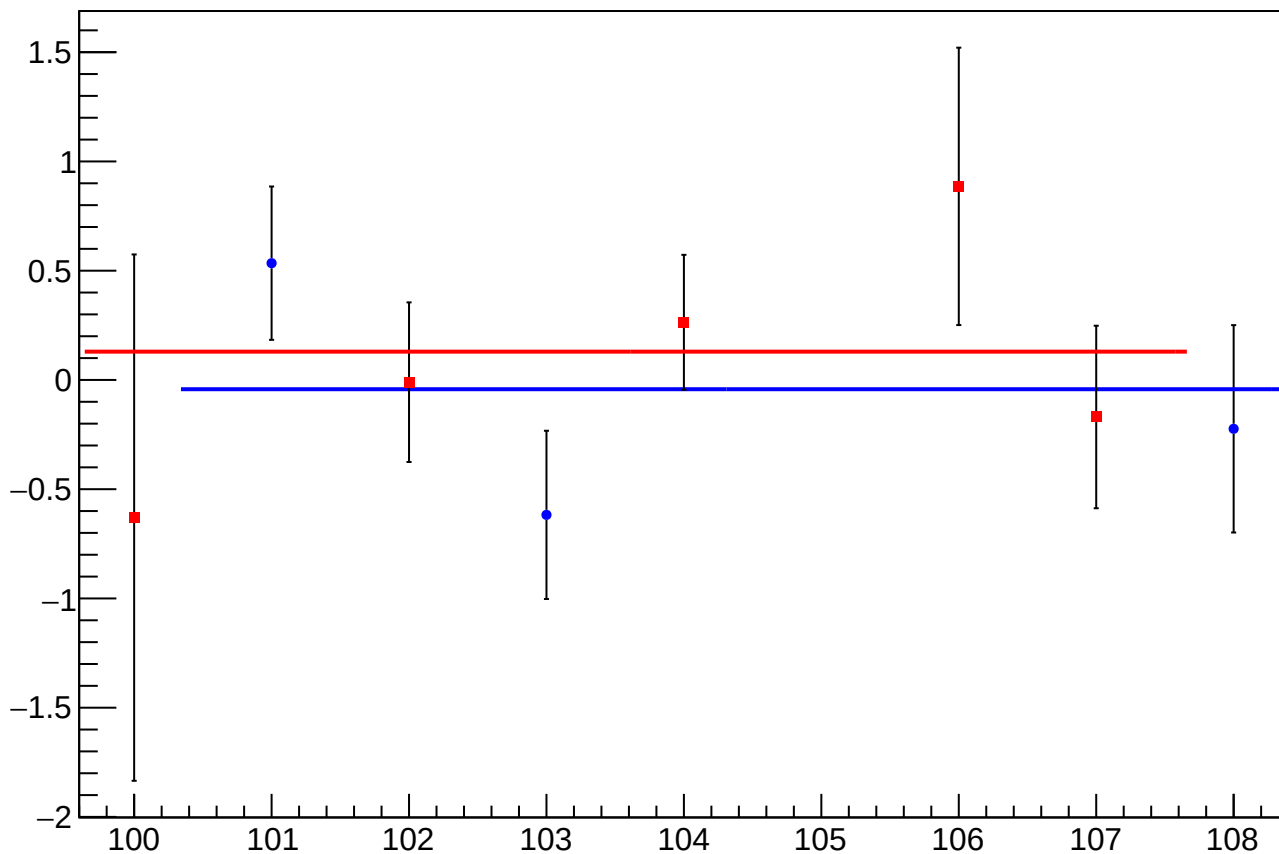
Right: 264.487 $\pm$ 0.104 χ^2 /NDF: 148282.1/7

In: 291.007 $\pm$ 0.161 χ^2 /NDF:1811.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 264.487 $\pm$ 0.104 χ^2 /NDF: 148282.1/7

asym_sam2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.042 $\pm$ 0.228 χ^2 /NDF: 5.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.130 $\pm$ 0.193 χ^2 /NDF: 2.7/4

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

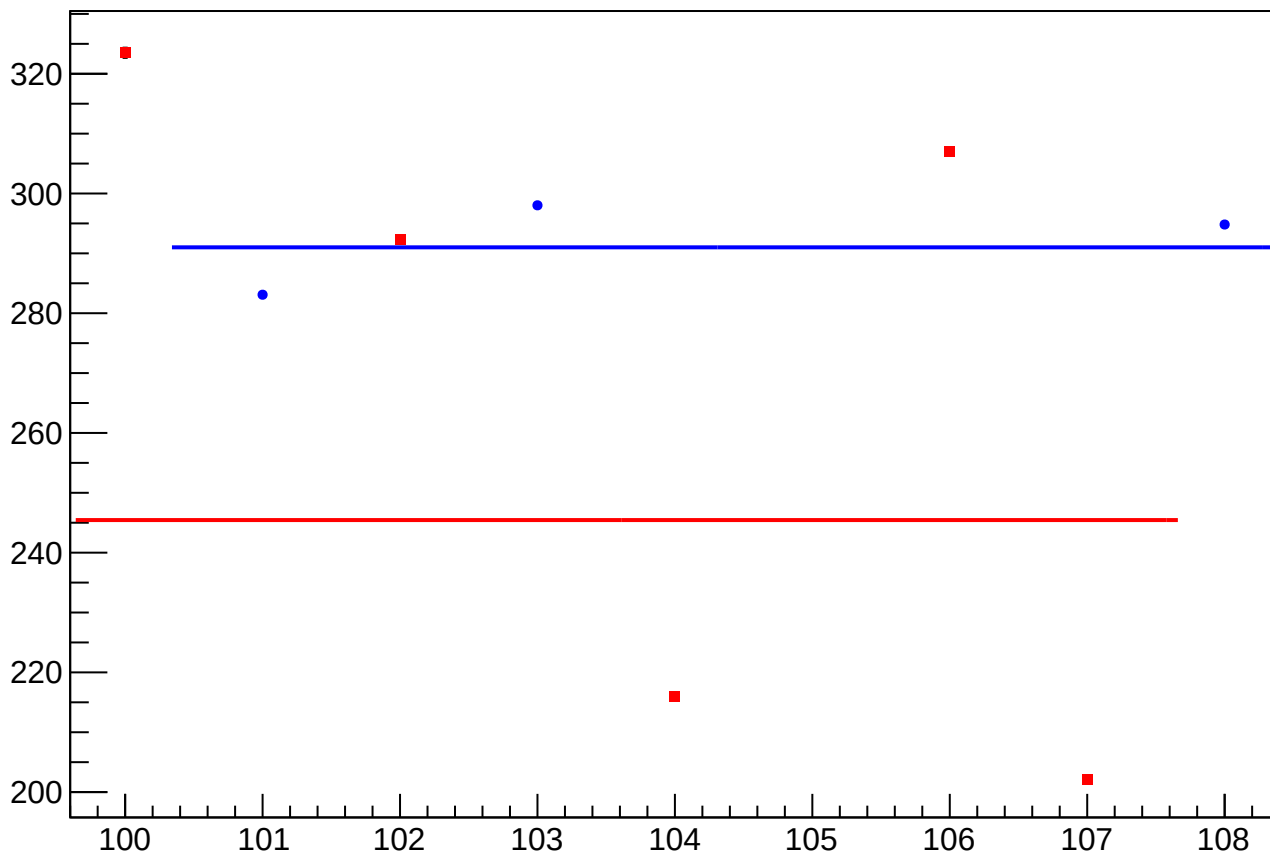
Right: 0.058 $\pm$ 0.147 χ^2 /NDF: 8.1/7

In: -0.042 $\pm$ 0.228 χ^2 /NDF:5.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.058 $\pm$ 0.147 χ^2 /NDF: 8.1/7

asym_sam2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 291.007 $\pm$ 0.161 χ^2 /NDF: 1811.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 245.445 $\pm$ 0.136 χ^2 /NDF: 99808.7/4

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

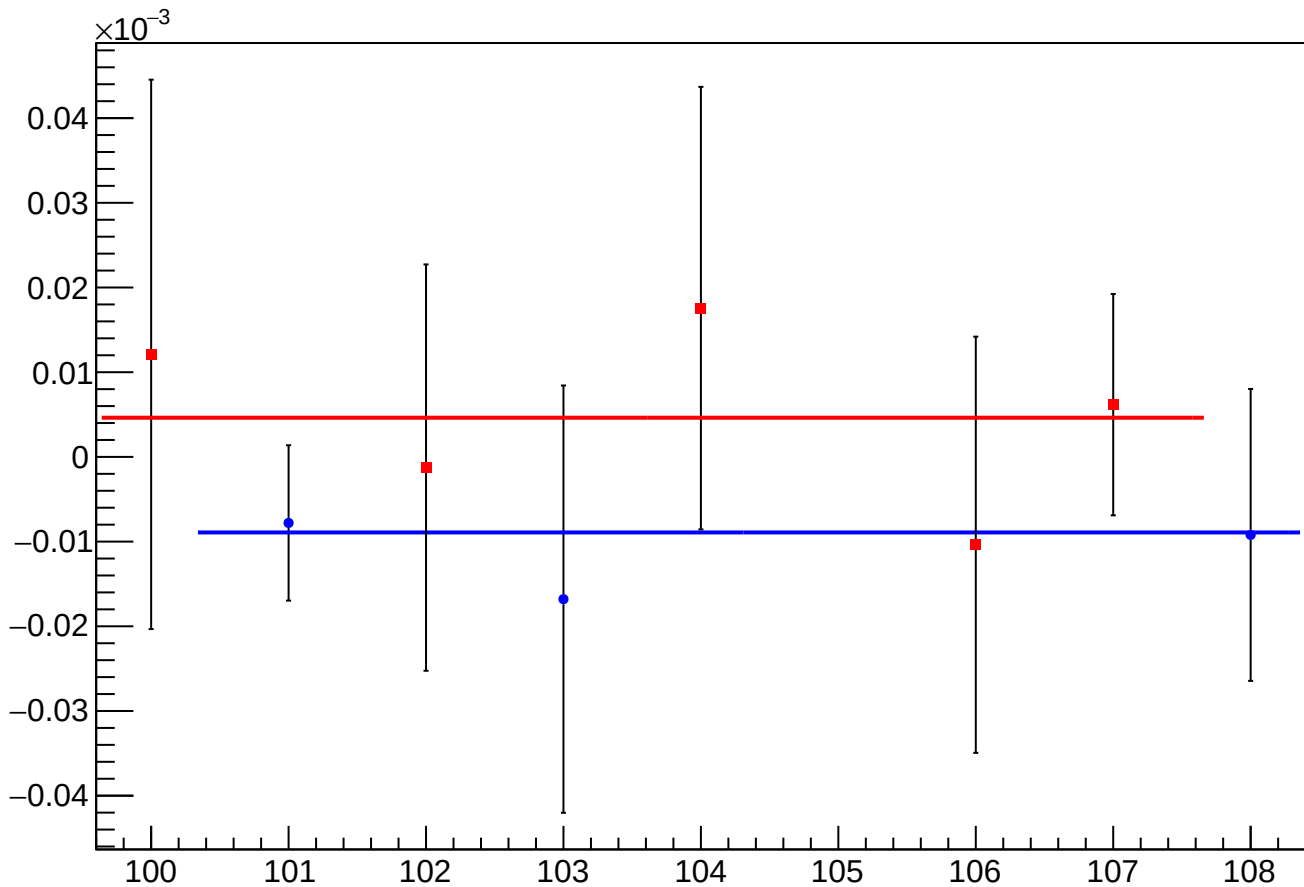
Right: 264.487 $\pm$ 0.104 χ^2 /NDF: 148282.1/7

In: 291.007 $\pm$ 0.161 χ^2 /NDF:1811.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 264.487 $\pm$ 0.104 χ^2 /NDF: 148282.1/7

asym_sam2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

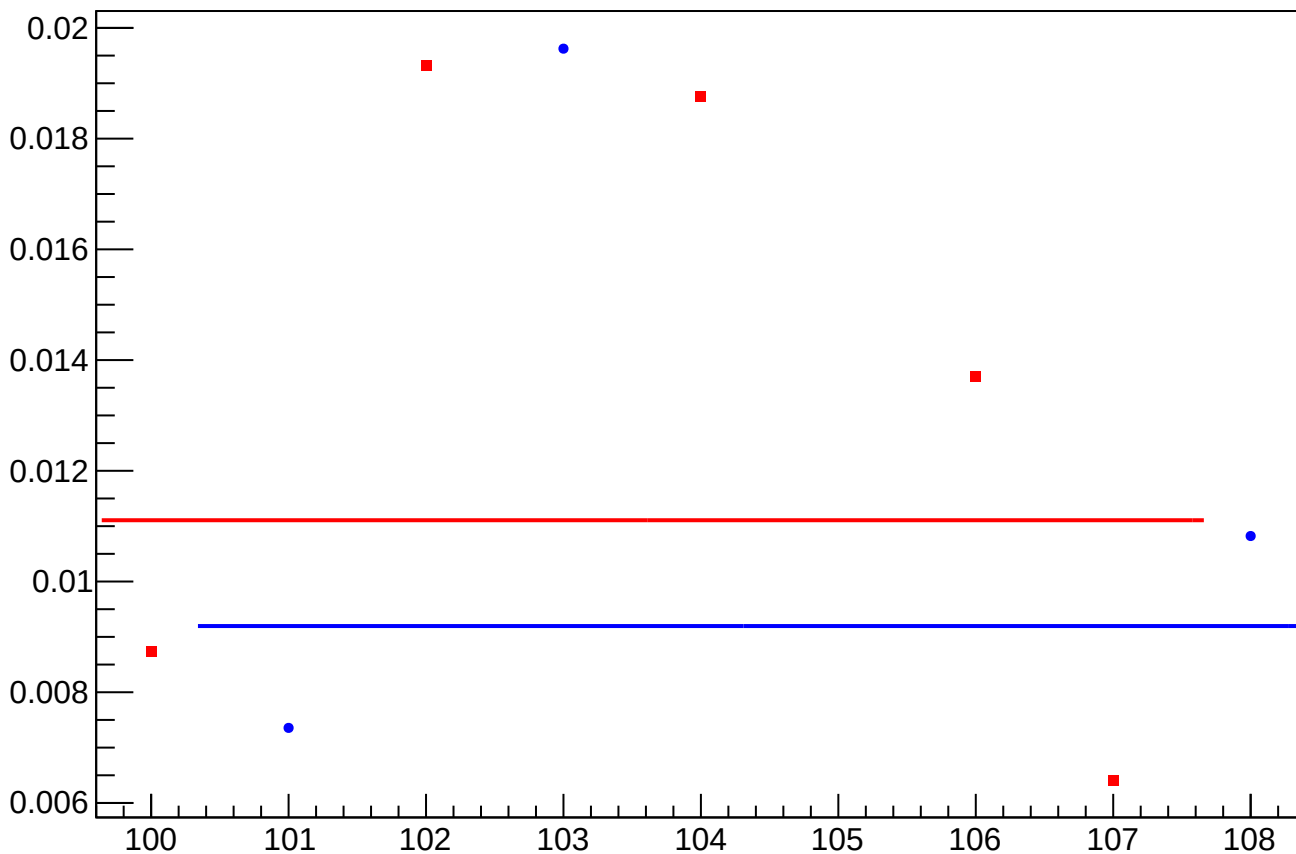
Right: -0.000+/-0.000 χ^2/NDF : 2.1/7

In: -0.000+/-0.000 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 2.1/7

asym_sam2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 440127.1/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 697272.0/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

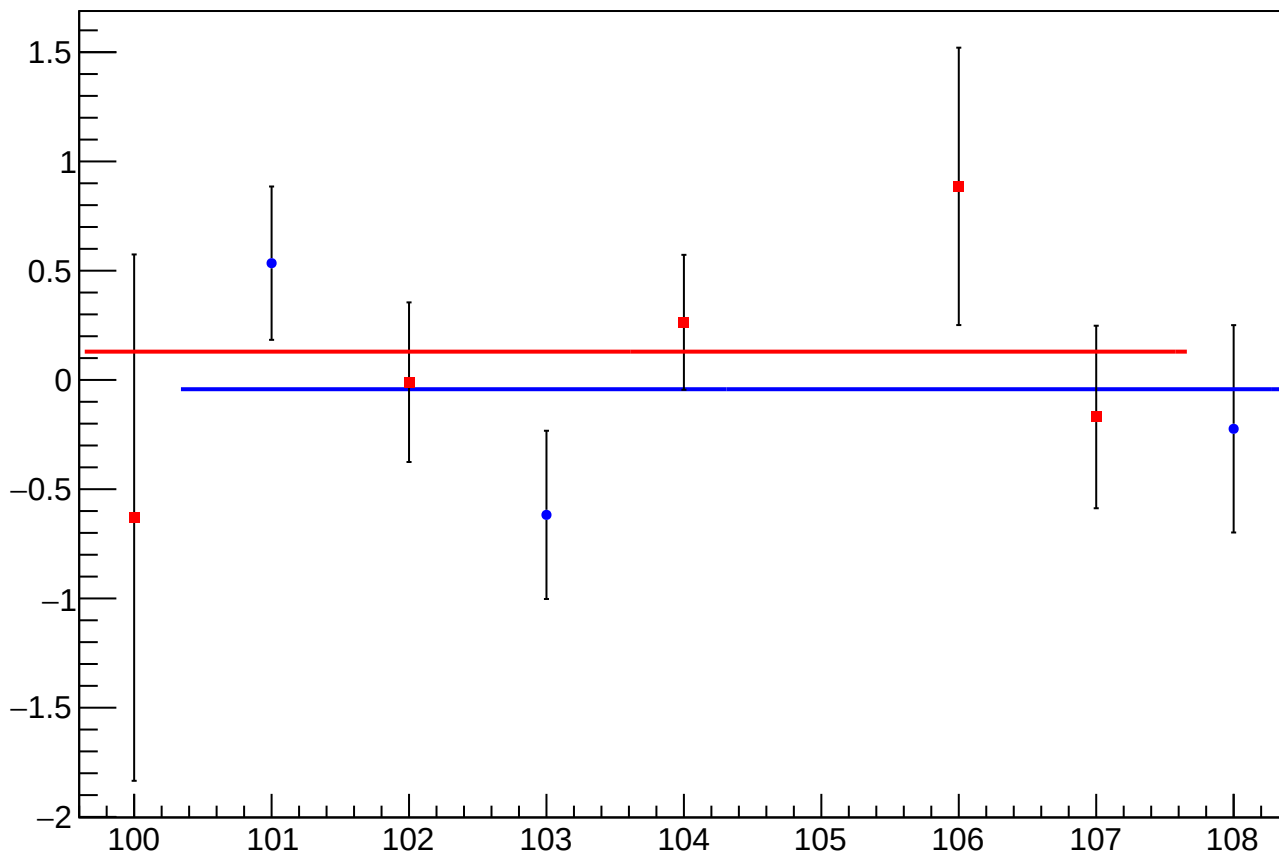
Right: 0.010+/-0.000 χ^2/NDF : 1187735.4/7

In: 0.009+/-0.000 χ^2/NDF :440127.1/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.000 χ^2/NDF : 1187735.4/7

asym_sam2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.042 $\pm$ 0.228 χ^2 /NDF: 5.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.130 $\pm$ 0.193 χ^2 /NDF: 2.7/4

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

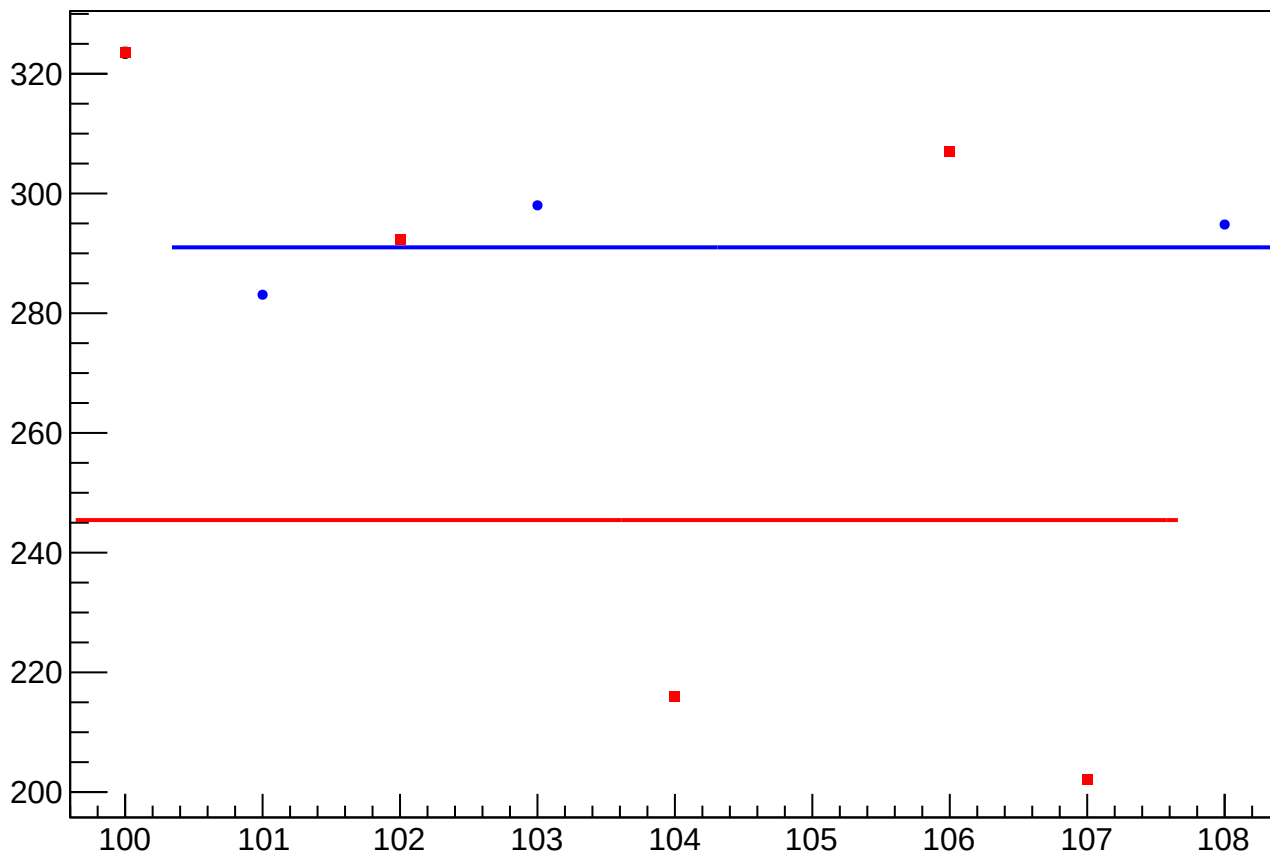
Right: 0.058 $\pm$ 0.147 χ^2 /NDF: 8.1/7

In: -0.042 $\pm$ 0.228 χ^2 /NDF:5.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.058 $\pm$ 0.147 χ^2 /NDF: 8.1/7

asym_sam2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 291.005 $\pm$ 0.161 χ^2 /NDF: 1810.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 245.442 $\pm$ 0.136 χ^2 /NDF: 99807.4/4

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

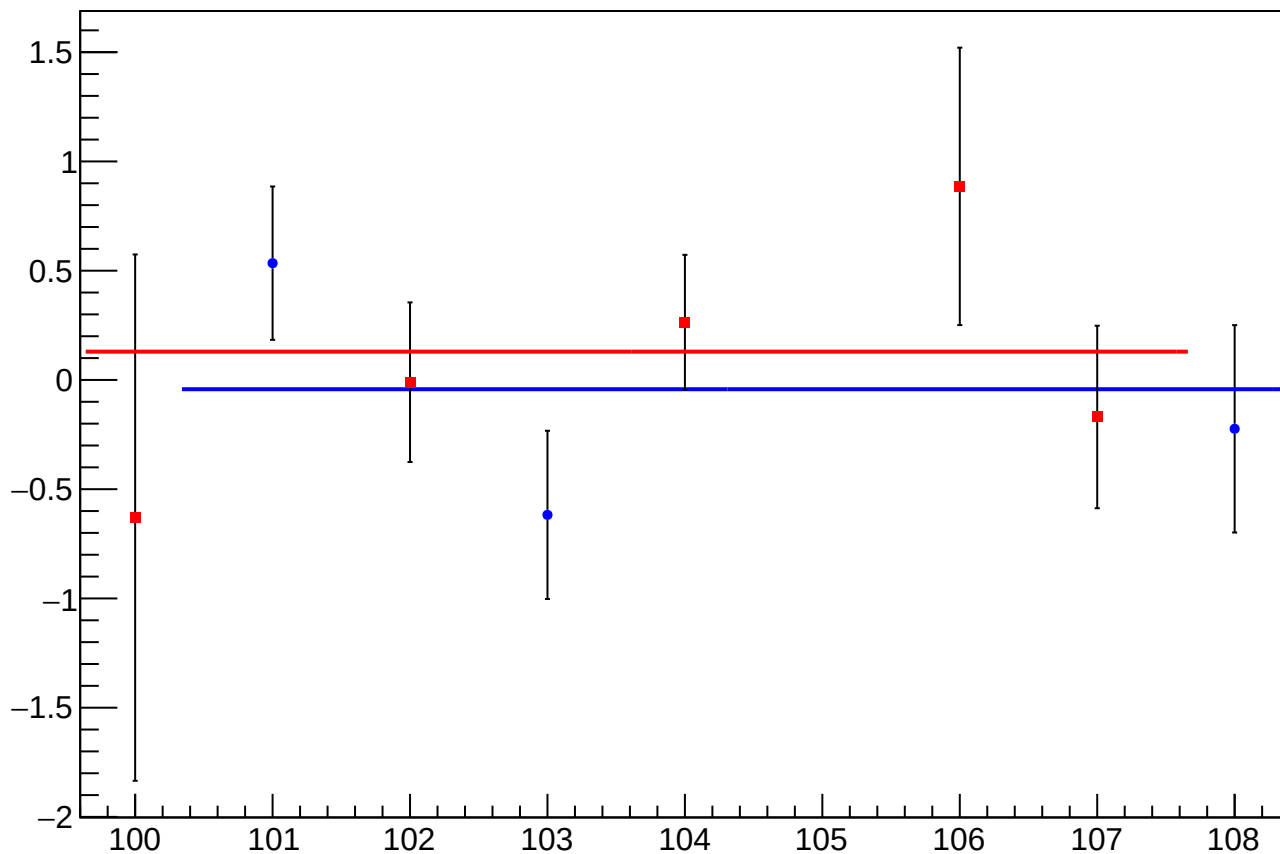
Right: 264.485 $\pm$ 0.104 χ^2 /NDF: 148281.9/7

In: 291.005 $\pm$ 0.161 χ^2 /NDF:1810.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 264.485 $\pm$ 0.104 χ^2 /NDF: 148281.9/7

asym_sam2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.042 ± 0.228 χ^2/NDF : 5.1/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.130 ± 0.193 χ^2/NDF : 2.7/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

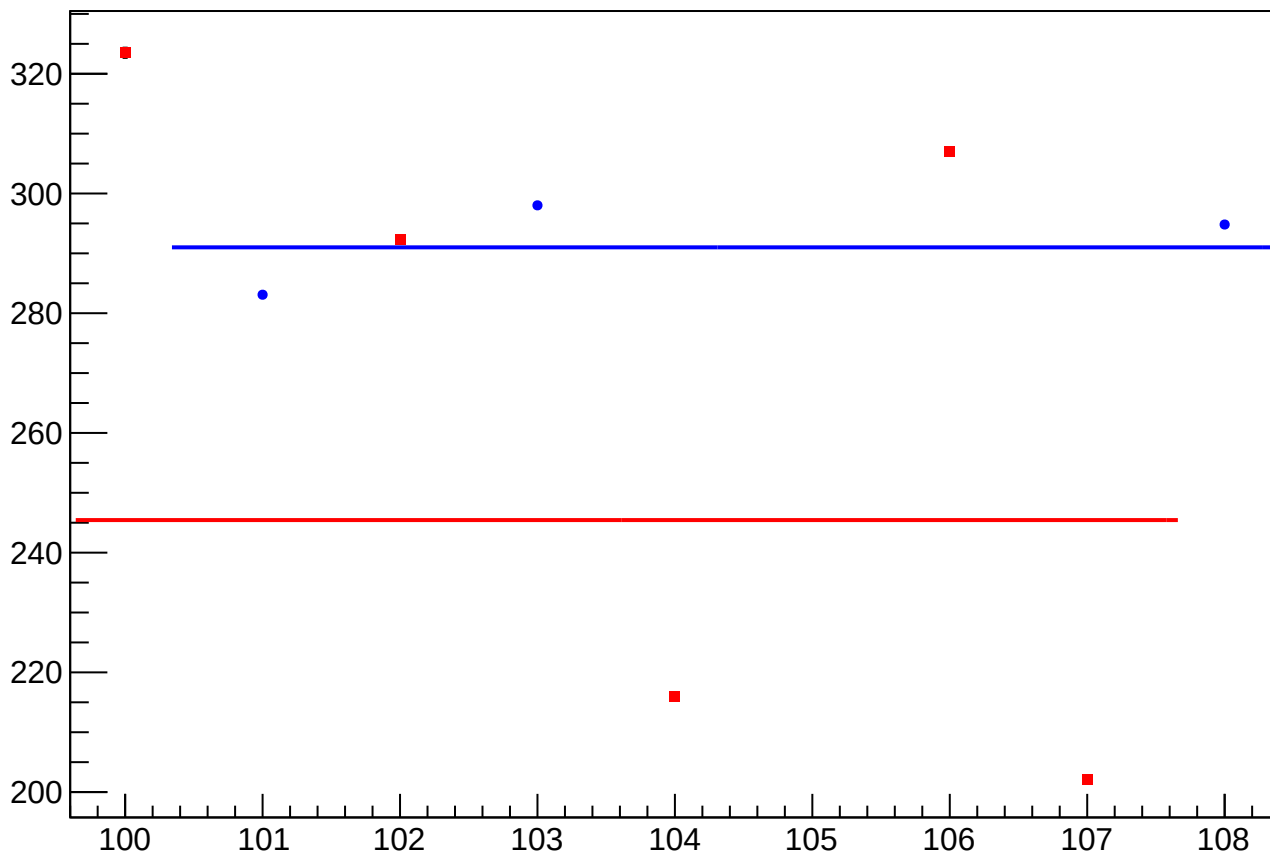
Right: 0.058 ± 0.147 χ^2/NDF : 8.1/7

In: -0.042 ± 0.228 χ^2/NDF : 5.1/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.058 ± 0.147 χ^2/NDF : 8.1/7

asym_sam2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 291.005 $\pm$ 0.161 χ^2 /NDF: 1810.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 245.442 $\pm$ 0.136 χ^2 /NDF: 99807.4/4

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

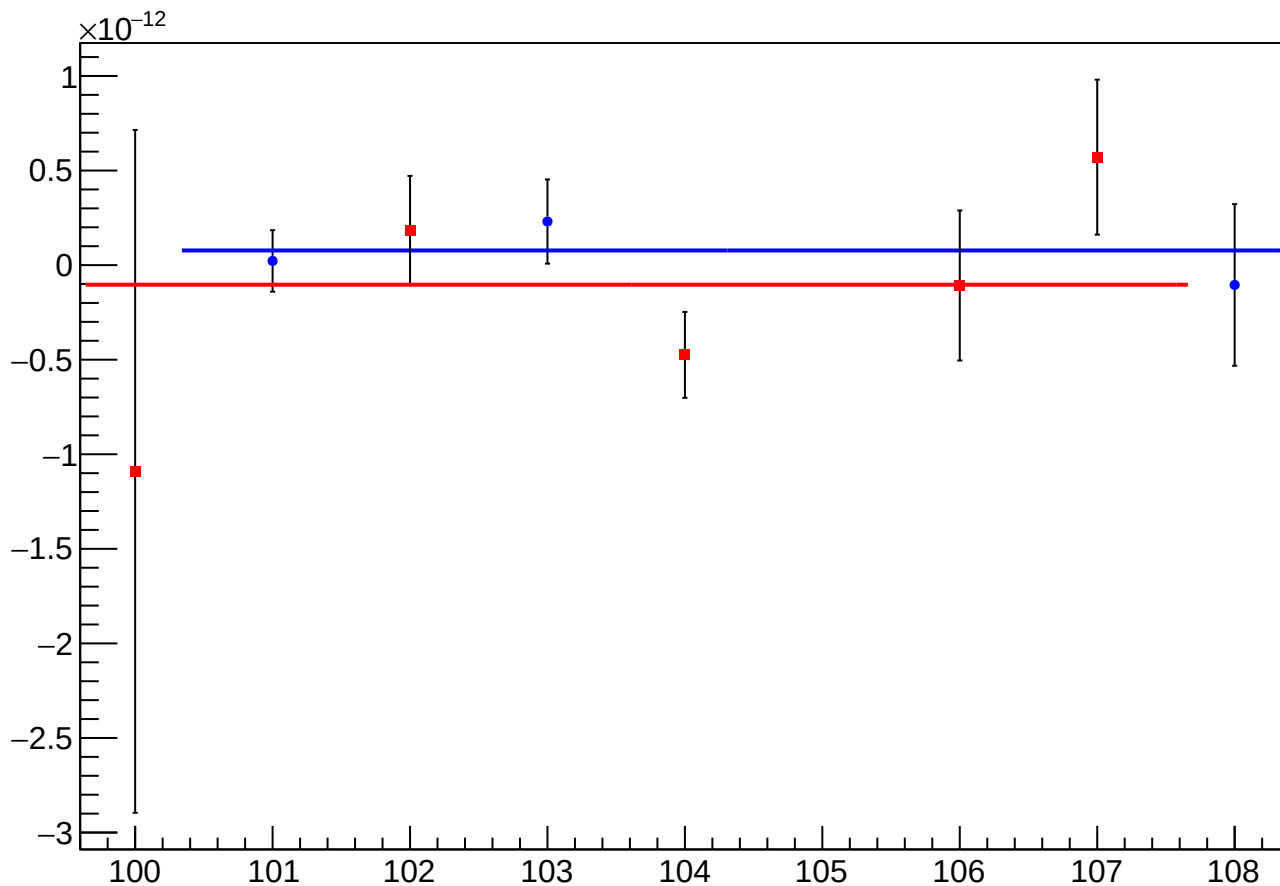
Right: 264.485 $\pm$ 0.104 χ^2 /NDF: 148281.9/7

In: 291.005 $\pm$ 0.161 χ^2 /NDF:1810.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 264.485 $\pm$ 0.104 χ^2 /NDF: 148281.9/7

asym_sam2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

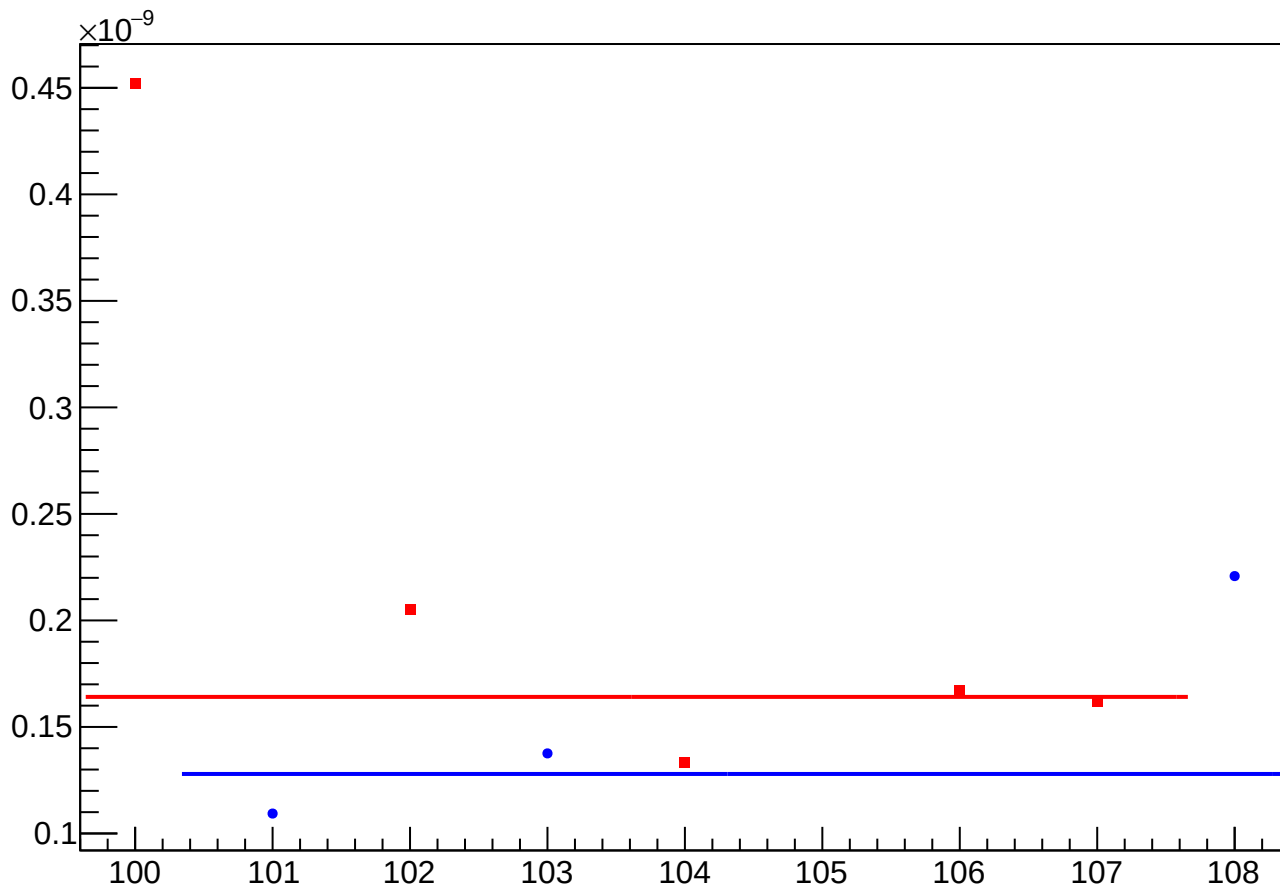
Right: 0.000+/-0.000 χ^2/NDF : 8.3/7

In: 0.000+/-0.000 χ^2/NDF : 0.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.3/7

asym_sam2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 124364.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 128930.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

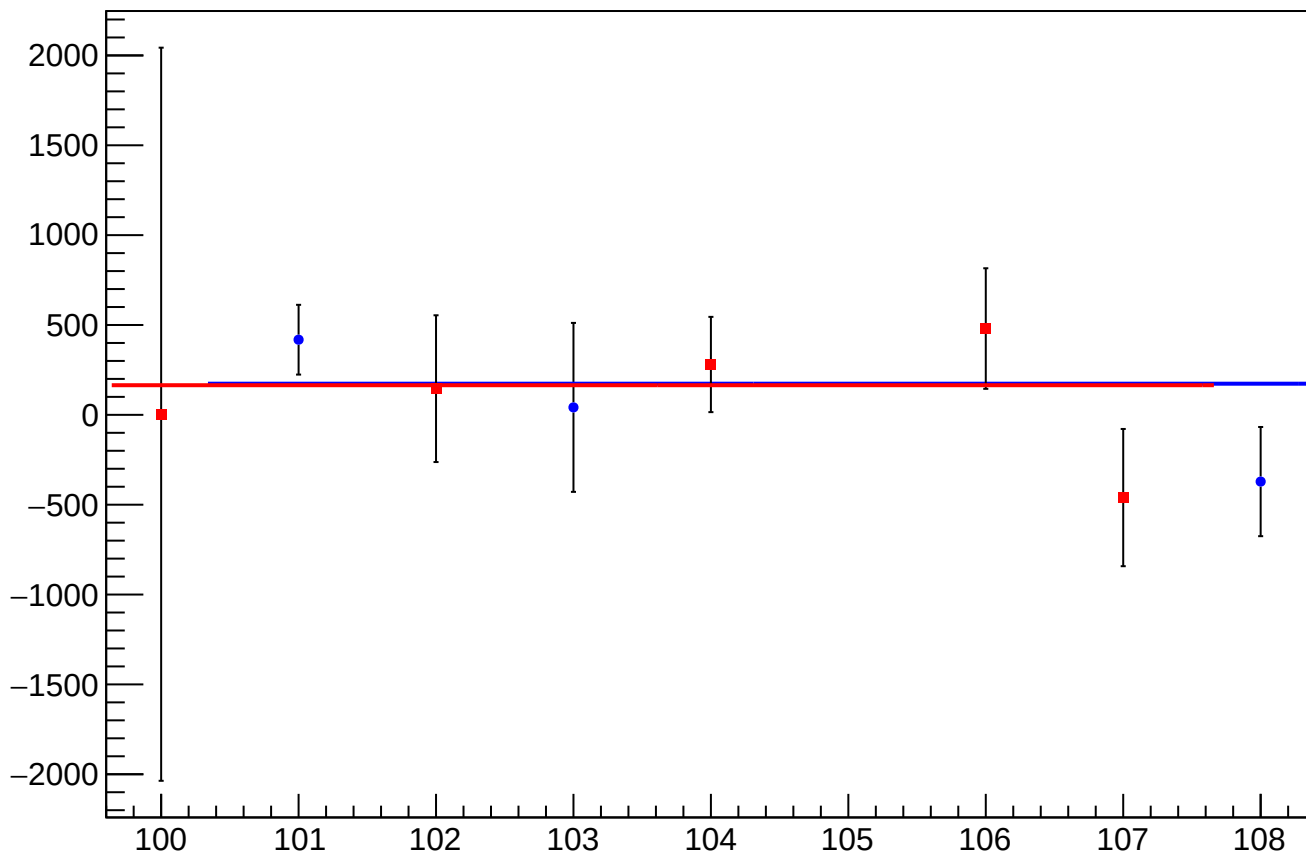
Right: 0.000+/-0.000 χ^2/NDF : 321510.7/7

In: 0.000+/-0.000 χ^2/NDF : 124364.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 321510.7/7

reg_asym_sam3_mean vs Slug, Sign Corrected



Right In: 173.339+/-154.486 χ^2/NDF : 4.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 164.903+/-166.166 χ^2/NDF : 3.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

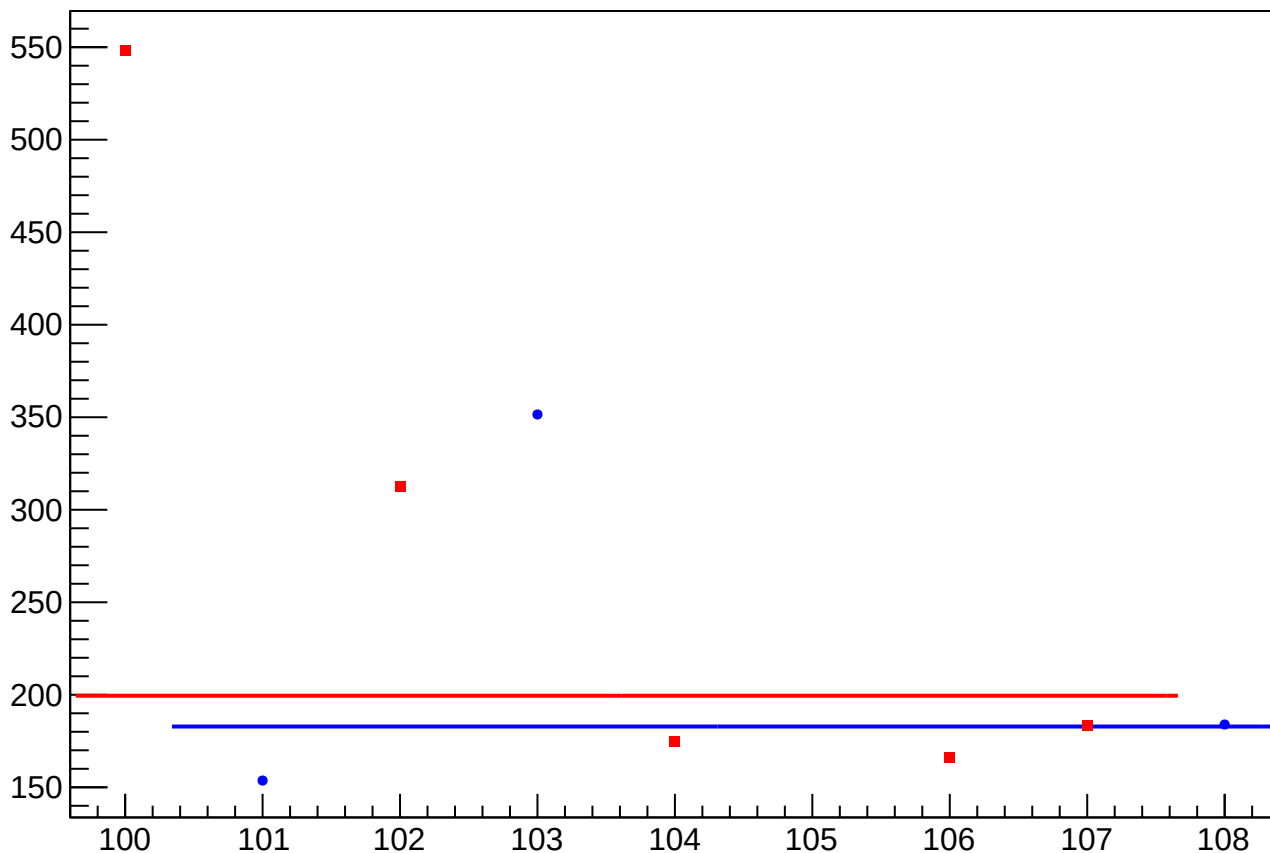
Right: 169.428+/-113.142 χ^2/NDF : 8.6/7

In: 173.339+/-154.486 χ^2/NDF : 4.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.428+/-113.142 χ^2/NDF : 8.6/7

reg_asym_sam3_rms vs Slug, Sign Corrected



Right In: 182.845+/-0.109 χ^2/NDF : 302685.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 199.490+/-0.117 χ^2/NDF : 252279.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

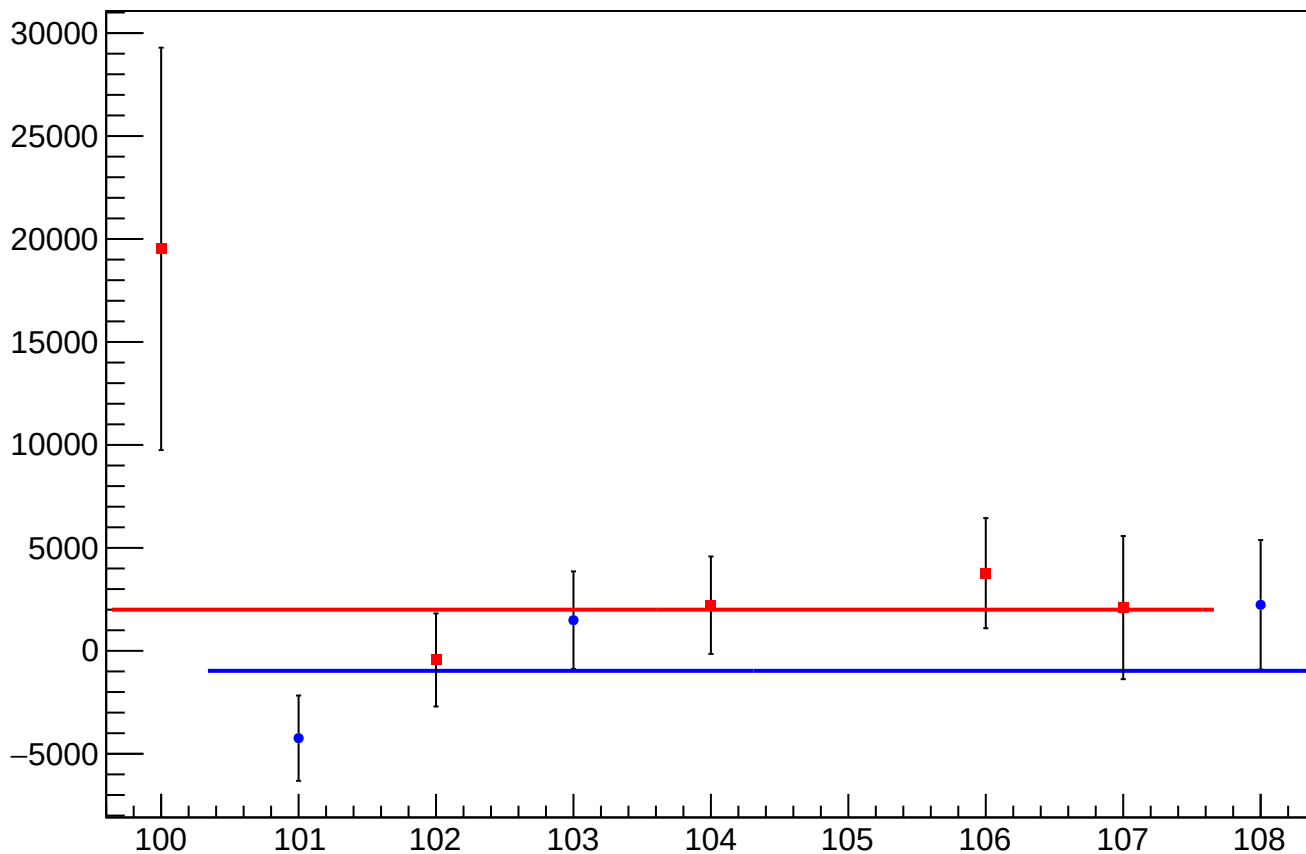
Right: 190.562+/-0.080 χ^2/NDF : 565728.5/7

In: 182.845+/-0.109 χ^2/NDF : 302685.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 190.562+/-0.080 χ^2/NDF : 565728.5/7

asym_sam3_reg_correction_mean vs Slug, Sign Corrected



Right In: -970.807+/-1396.892 χ^2/NDF : 4.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1999.644+/-1283.207 χ^2/NDF : 4.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

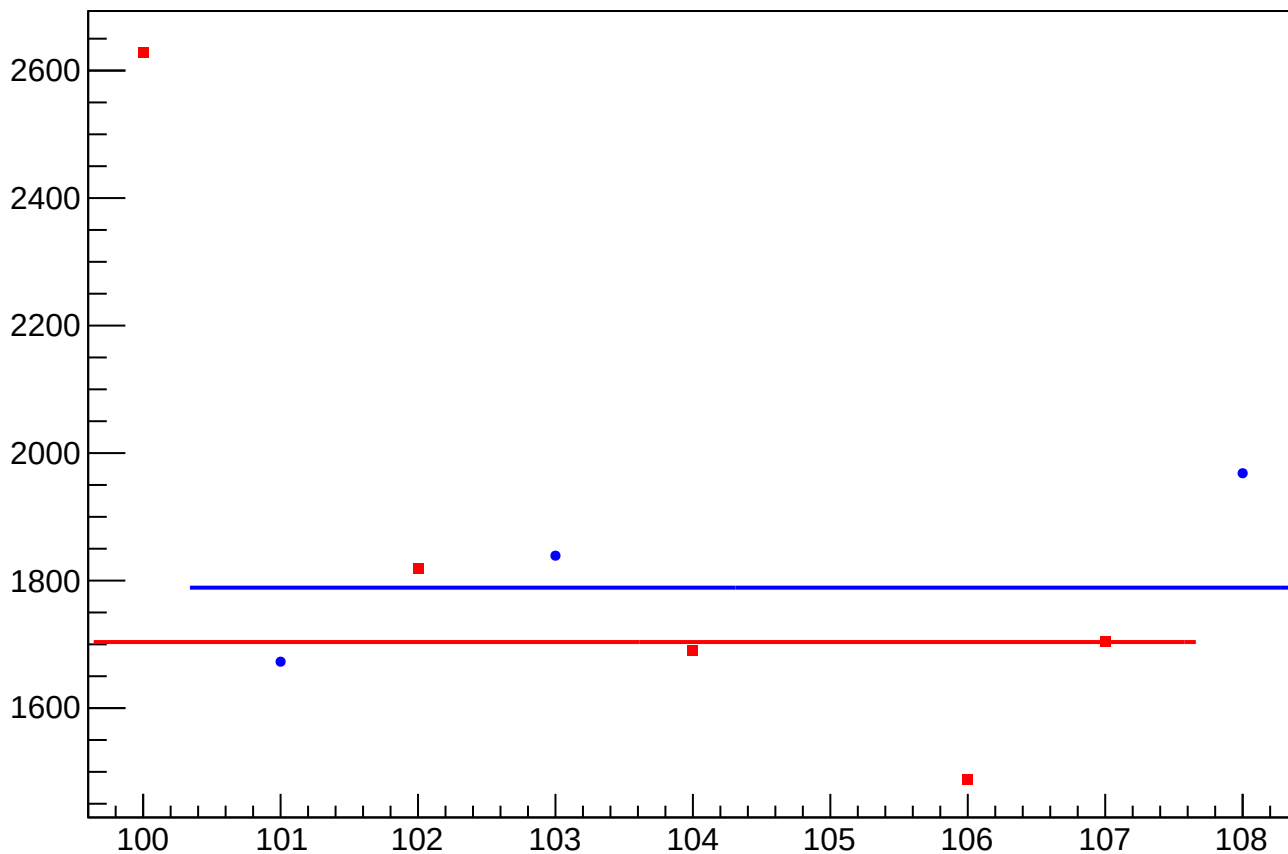
Right: 640.192+/-945.003 χ^2/NDF : 11.9/7

In: -970.807+/-1396.892 χ^2/NDF : 4.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 640.192+/-945.003 χ^2/NDF : 11.9/7

asym_sam3_reg_correction_rms vs Slug, Sign Corrected



Right In: 1788.926+/-0.988 χ^2/NDF : 13695.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1703.624+/-0.907 χ^2/NDF : 36234.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

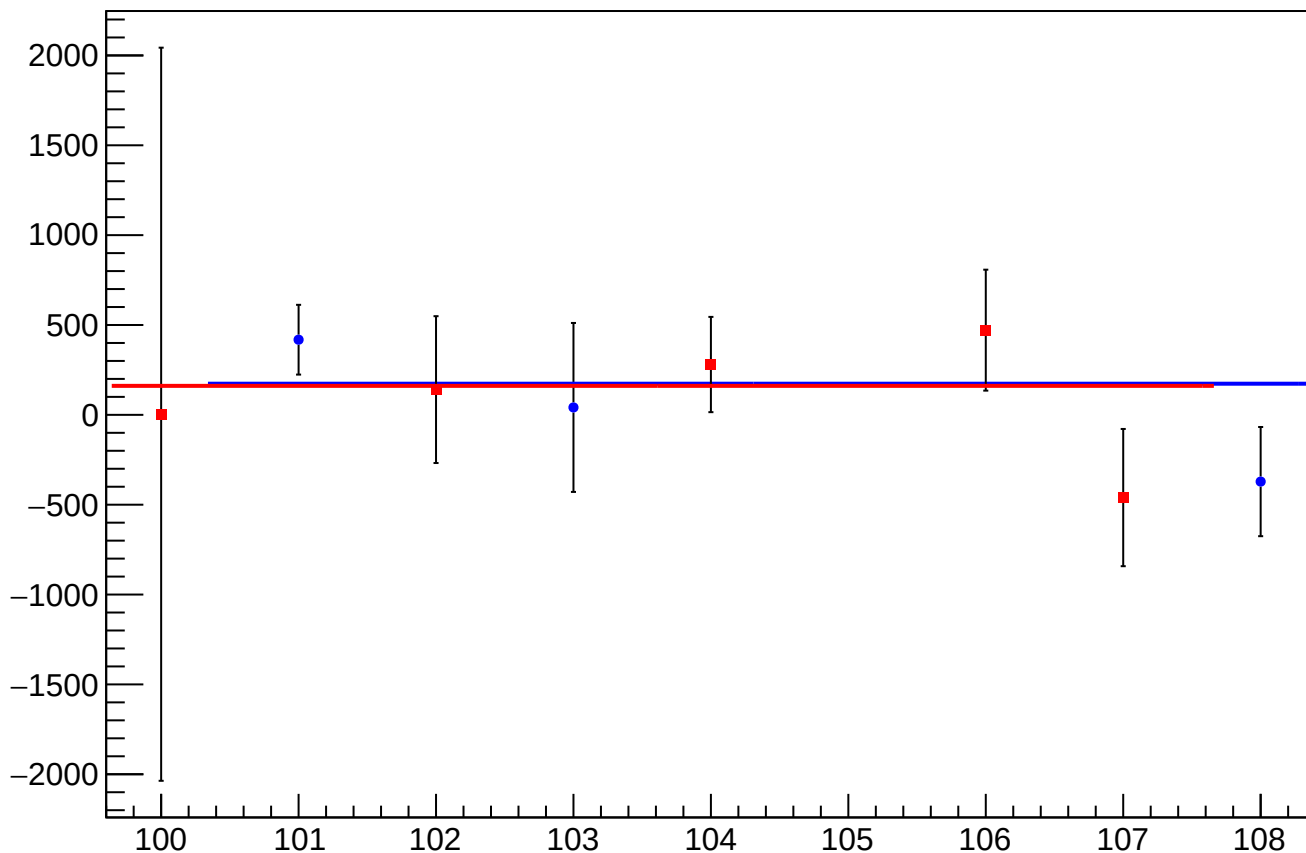
Right: 1742.663+/-0.668 χ^2/NDF : 53974.5/7

In: 1788.926+/-0.988 χ^2/NDF : 13695.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1742.663+/-0.668 χ^2/NDF : 53974.5/7

cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 173.287 $\pm$ 154.486 χ^2 /NDF: 4.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 161.313 $\pm$ 166.309 χ^2 /NDF: 3.7/4

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

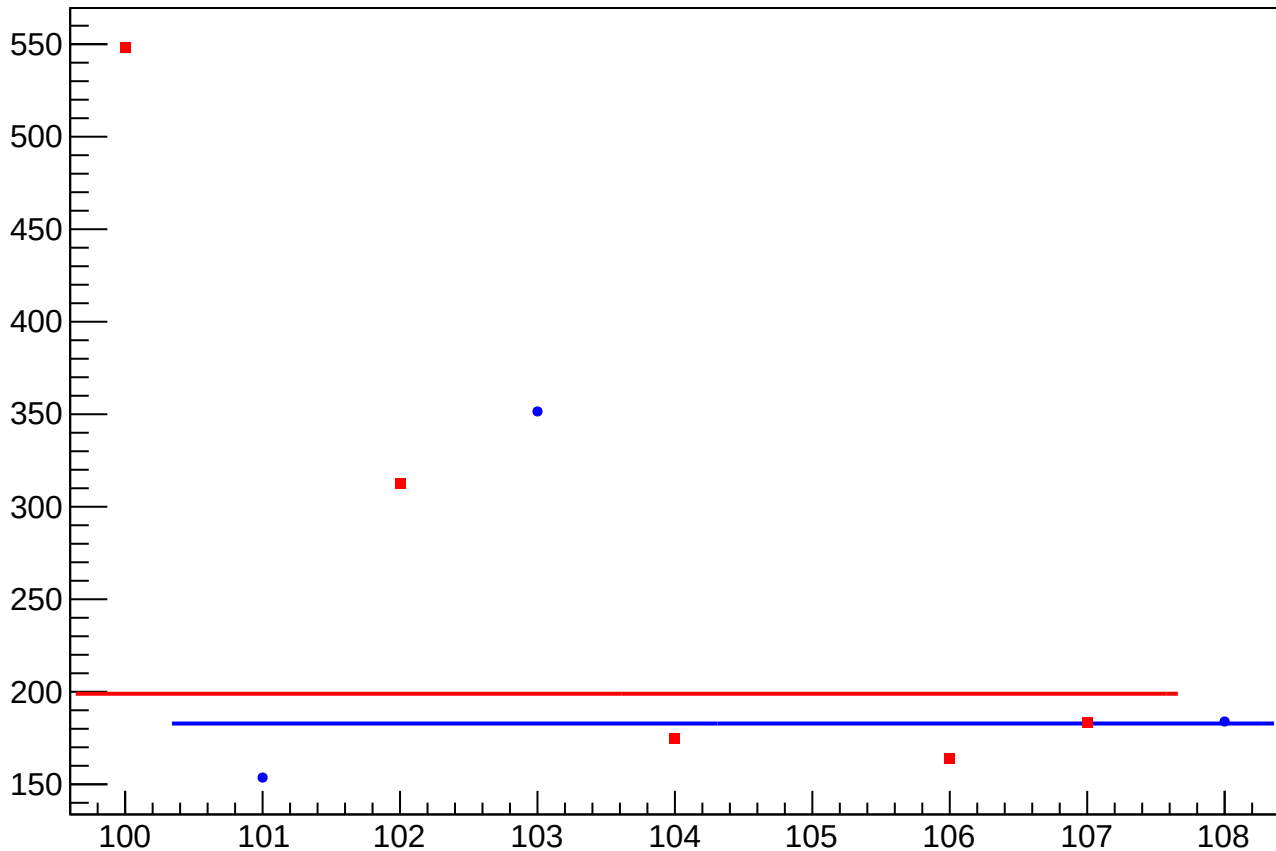
Right: 167.741 $\pm$ 113.187 χ^2 /NDF: 8.6/7

In: 173.287 $\pm$ 154.486 χ^2 /NDF:4.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 167.741 $\pm$ 113.187 χ^2 /NDF: 8.6/7

cor_asym_sam3_rms vs Slug, Sign Corrected



Right In: 182.845+/-0.109 χ^2/NDF : 302688.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 198.948+/-0.118 χ^2/NDF : 255271.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

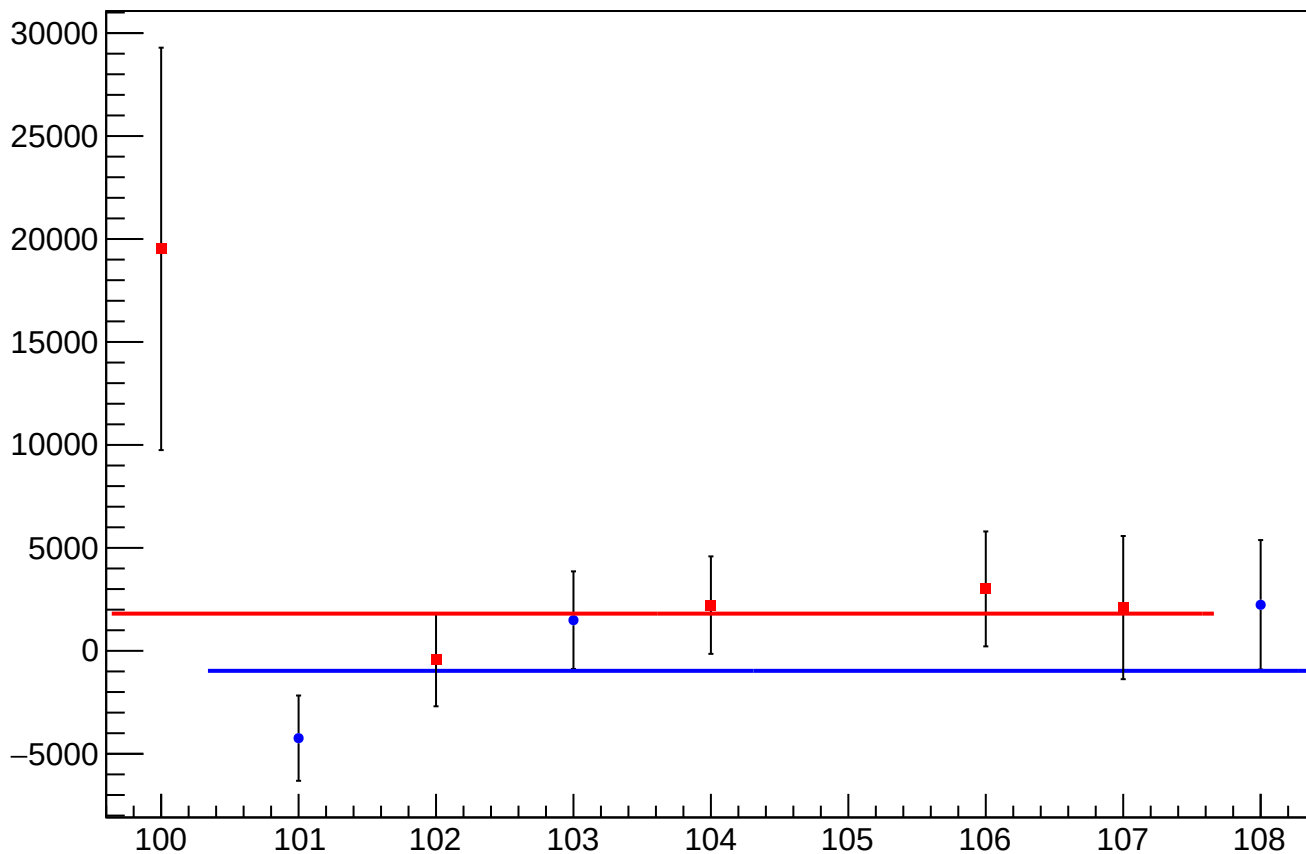
Right: 190.304+/-0.080 χ^2/NDF : 568024.9/7

In: 182.845+/-0.109 χ^2/NDF : 302688.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 190.304+/-0.080 χ^2/NDF : 568024.9/7

asym_sam3_cor_correction_mean vs Slug, Sign Corrected



Right In: -970.772+/-1396.946 χ^2/NDF : 4.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1807.409+/-1295.685 χ^2/NDF : 4.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

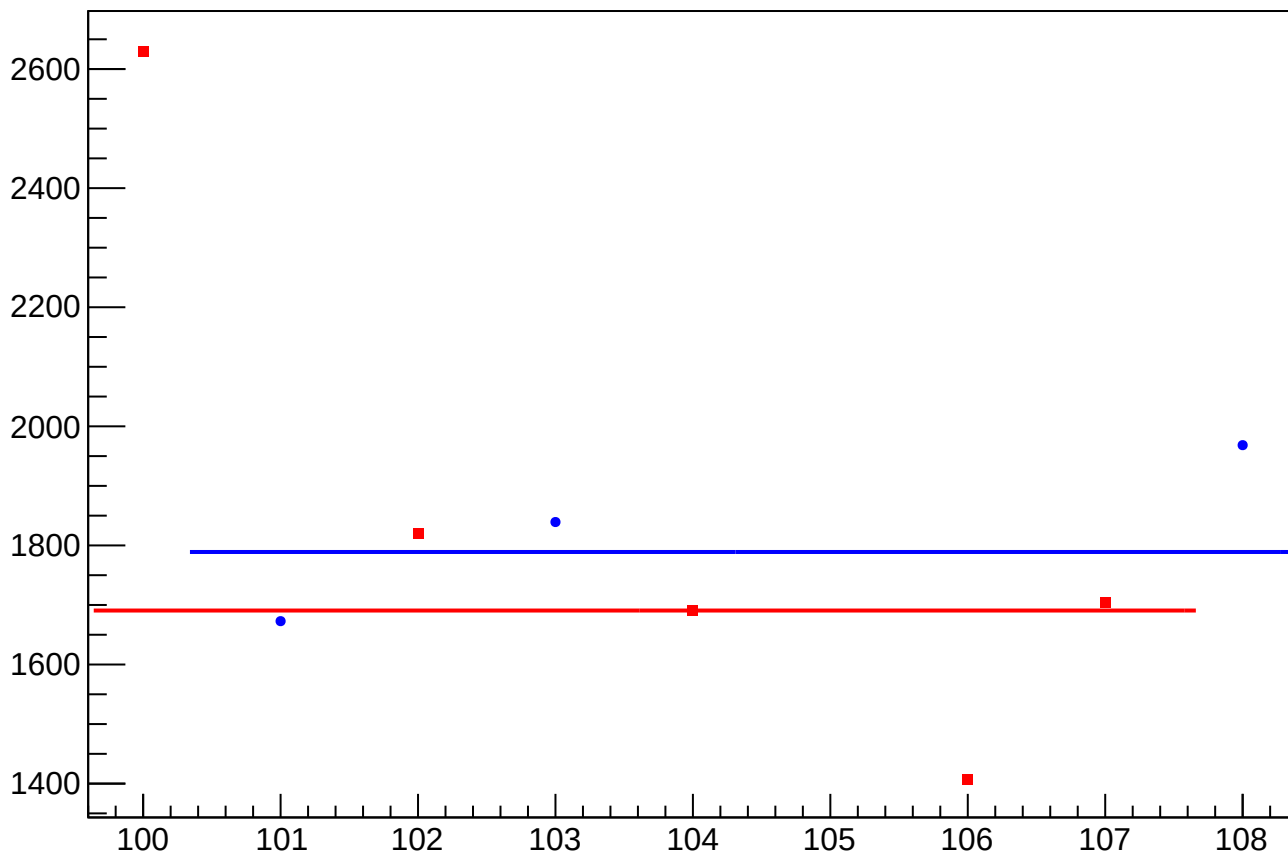
Right: 522.649+/-949.971 χ^2/NDF : 11.2/7

In: -970.772+/-1396.946 χ^2/NDF : 4.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 522.649+/-949.971 χ^2/NDF : 11.2/7

asym_sam3_cor_correction_rms vs Slug, Sign Corrected



Right In: 1788.990+/-0.988 χ^2/NDF : 13701.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1690.670+/-0.916 χ^2/NDF : 45802.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

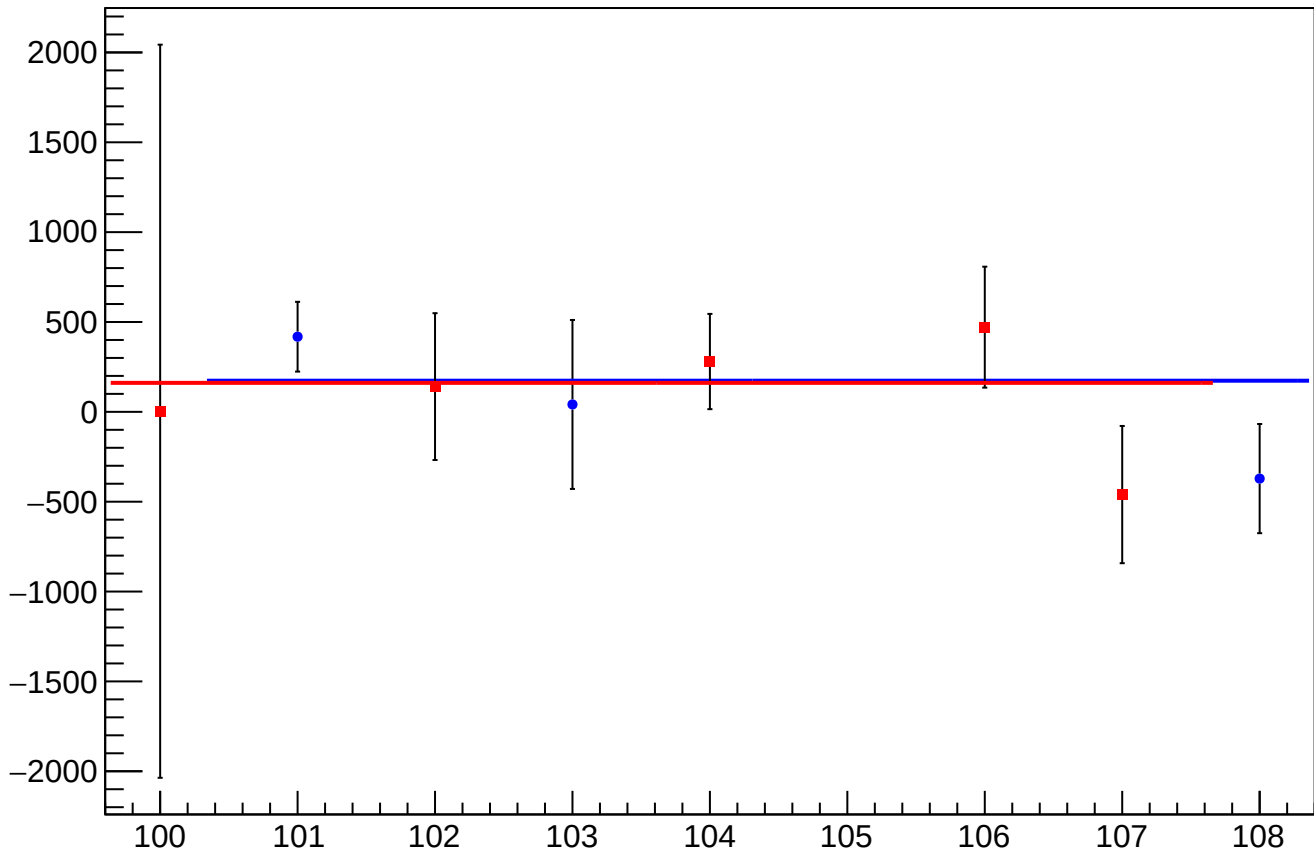
Right: 1736.138+/-0.672 χ^2/NDF : 64829.8/7

In: 1788.990+/-0.988 χ^2/NDF : 13701.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1736.138+/-0.672 χ^2/NDF : 64829.8/7

eigen_cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 173.287+/-154.486 χ^2/NDF : 4.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 161.313+/-166.309 χ^2/NDF : 3.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

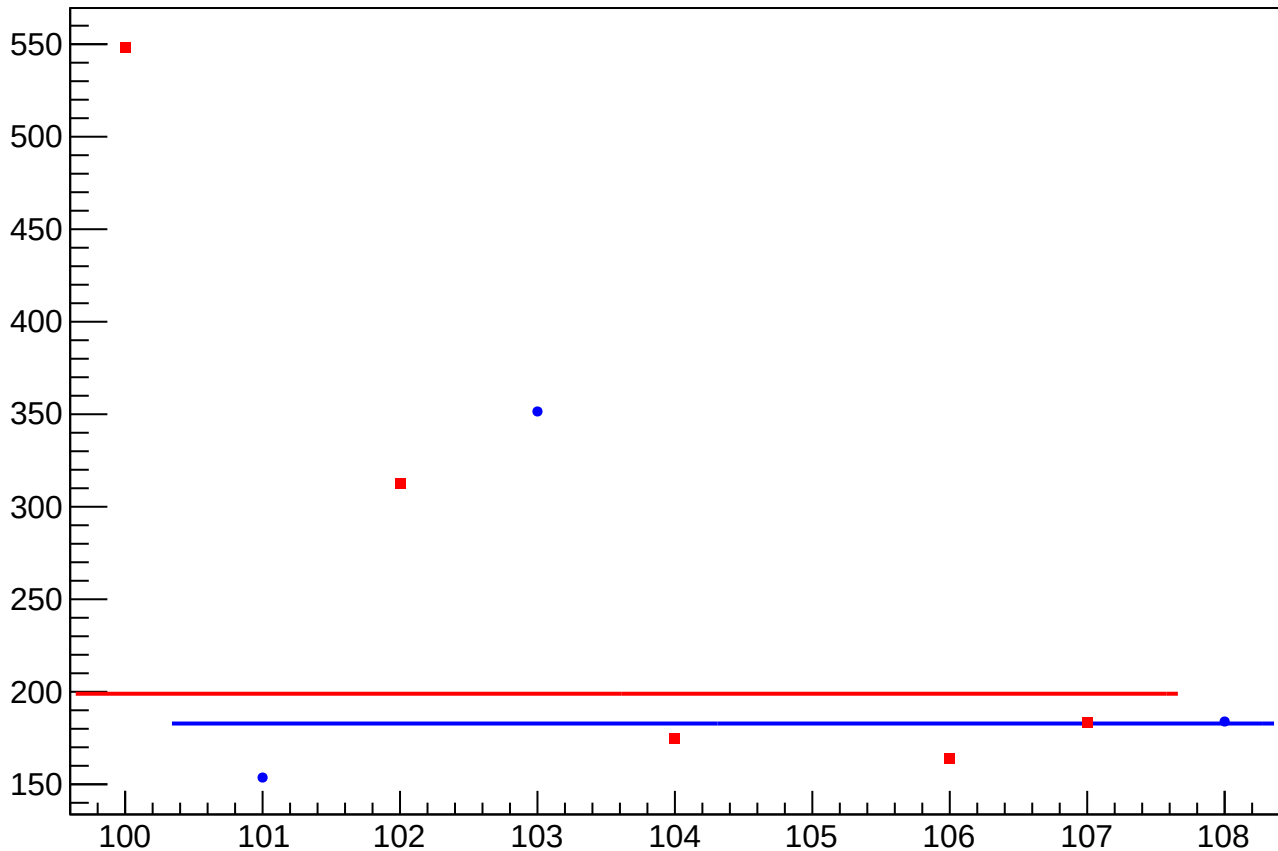
Right: 167.741+/-113.187 χ^2/NDF : 8.6/7

In: 173.287+/-154.486 χ^2/NDF : 4.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.741+/-113.187 χ^2/NDF : 8.6/7

eigen_cor_asym_sam3_rms vs Slug, Sign Corrected



Right In: 182.845+/-0.109 χ^2/NDF : 302688.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 198.948+/-0.118 χ^2/NDF : 255271.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

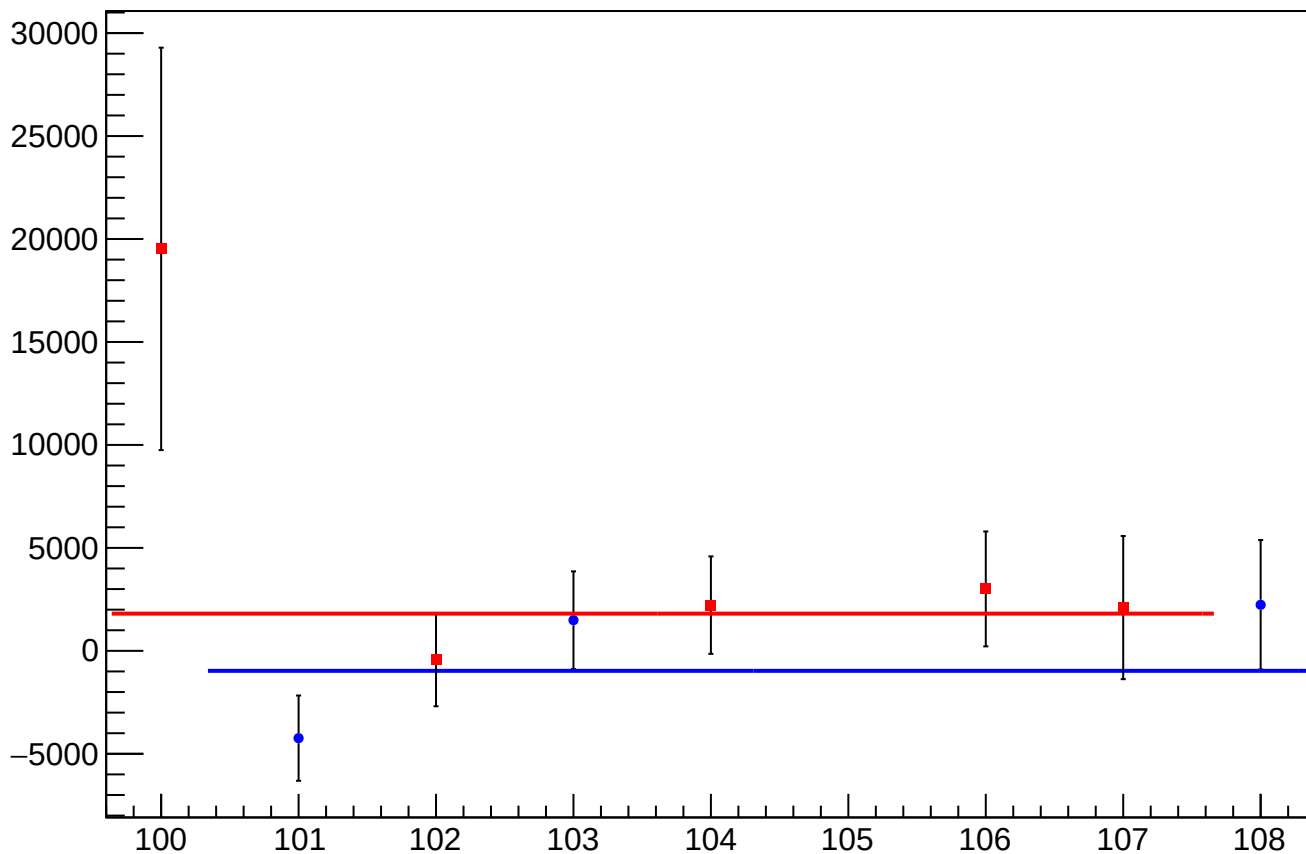
Right: 190.304+/-0.080 χ^2/NDF : 568024.9/7

In: 182.845+/-0.109 χ^2/NDF : 302688.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 190.304+/-0.080 χ^2/NDF : 568024.9/7

asym_sam3_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -970.772+/-1396.946 χ^2/NDF : 4.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1807.409+/-1295.685 χ^2/NDF : 4.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

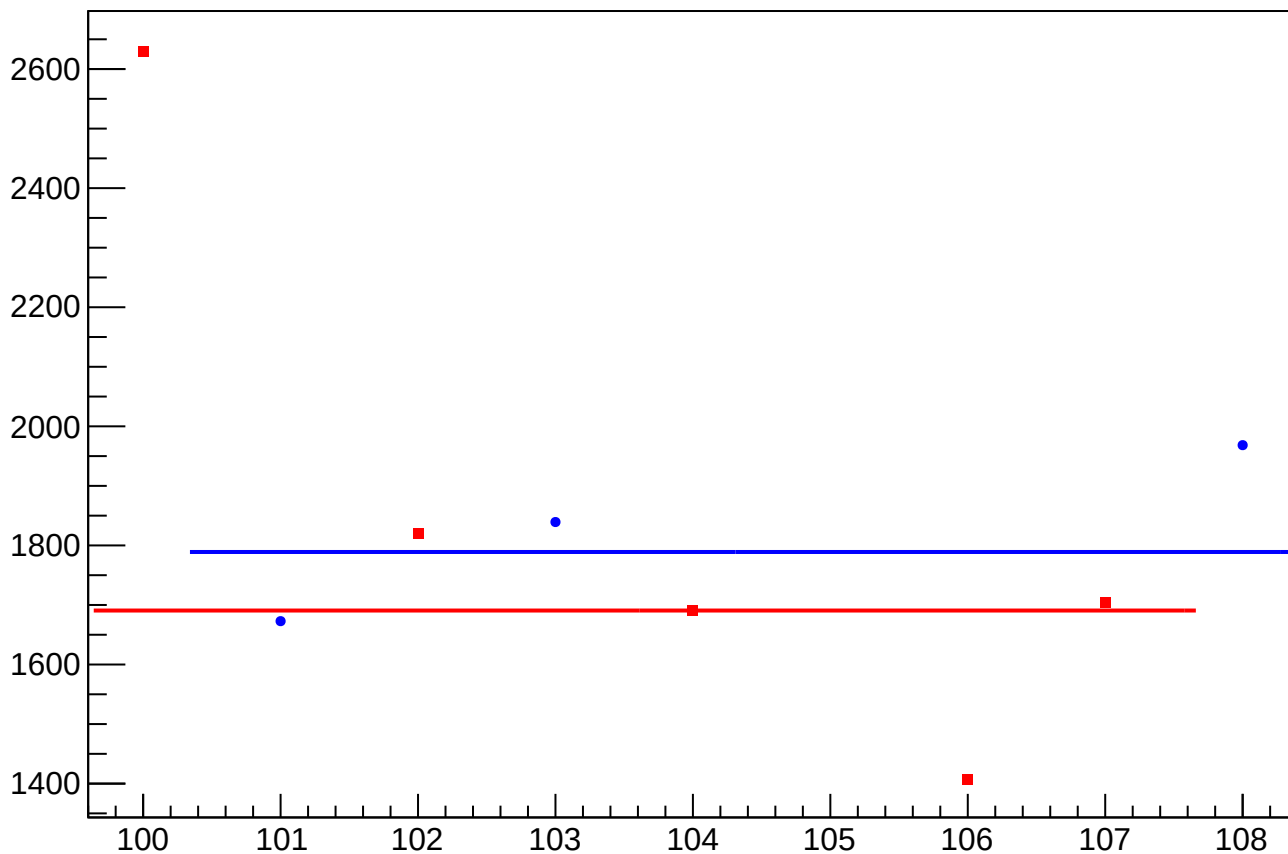
Right: 522.649+/-949.971 χ^2/NDF : 11.2/7

In: -970.772+/-1396.946 χ^2/NDF : 4.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 522.649+/-949.971 χ^2/NDF : 11.2/7

asym_sam3_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1788.990+/-0.988 χ^2/NDF : 13701.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1690.670+/-0.916 χ^2/NDF : 45802.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

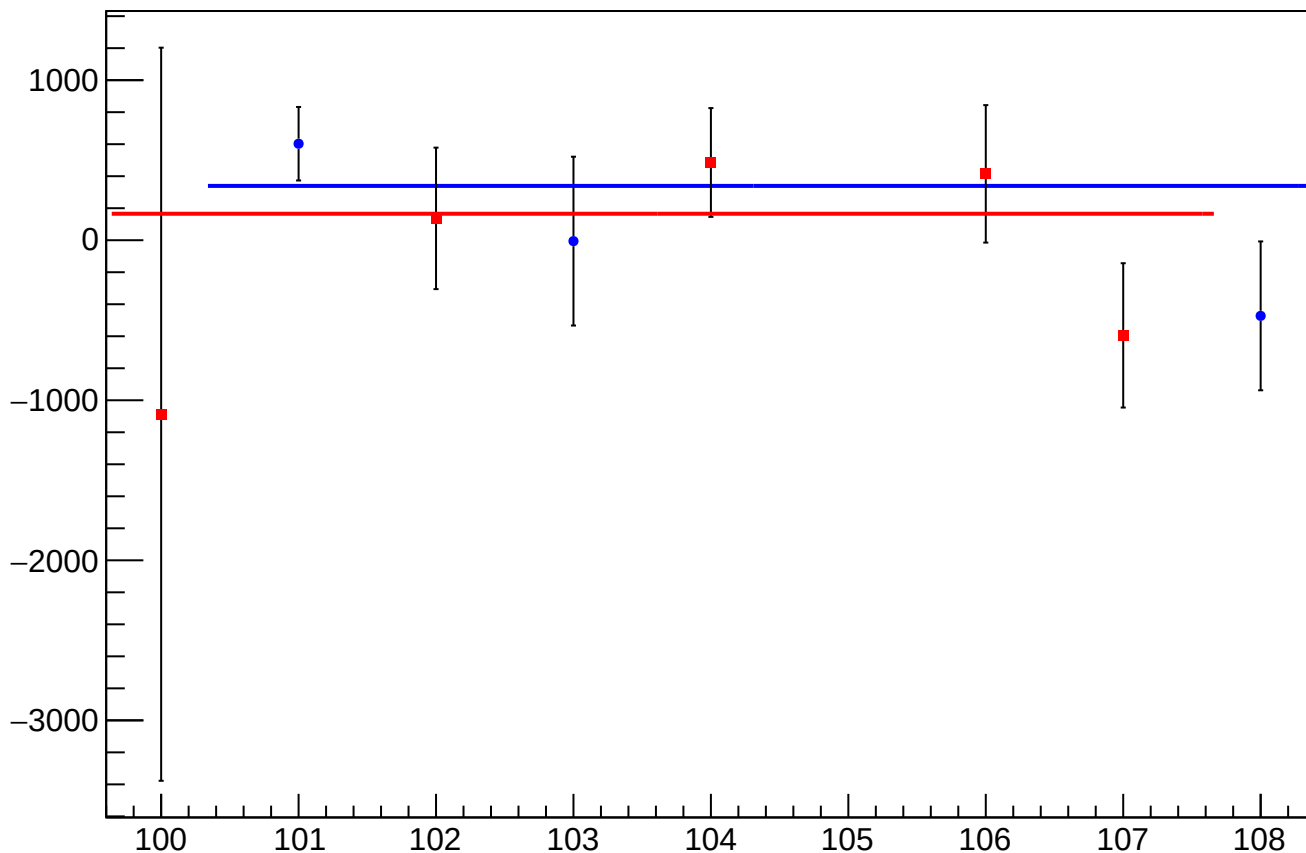
Right: 1736.138+/-0.672 χ^2/NDF : 64829.8/7

In: 1788.990+/-0.988 χ^2/NDF : 13701.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1736.138+/-0.672 χ^2/NDF : 64829.8/7

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 339.399 $\pm$ 191.835 χ^2 /NDF: 4.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 165.412 $\pm$ 202.825 χ^2 /NDF: 4.4/4

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

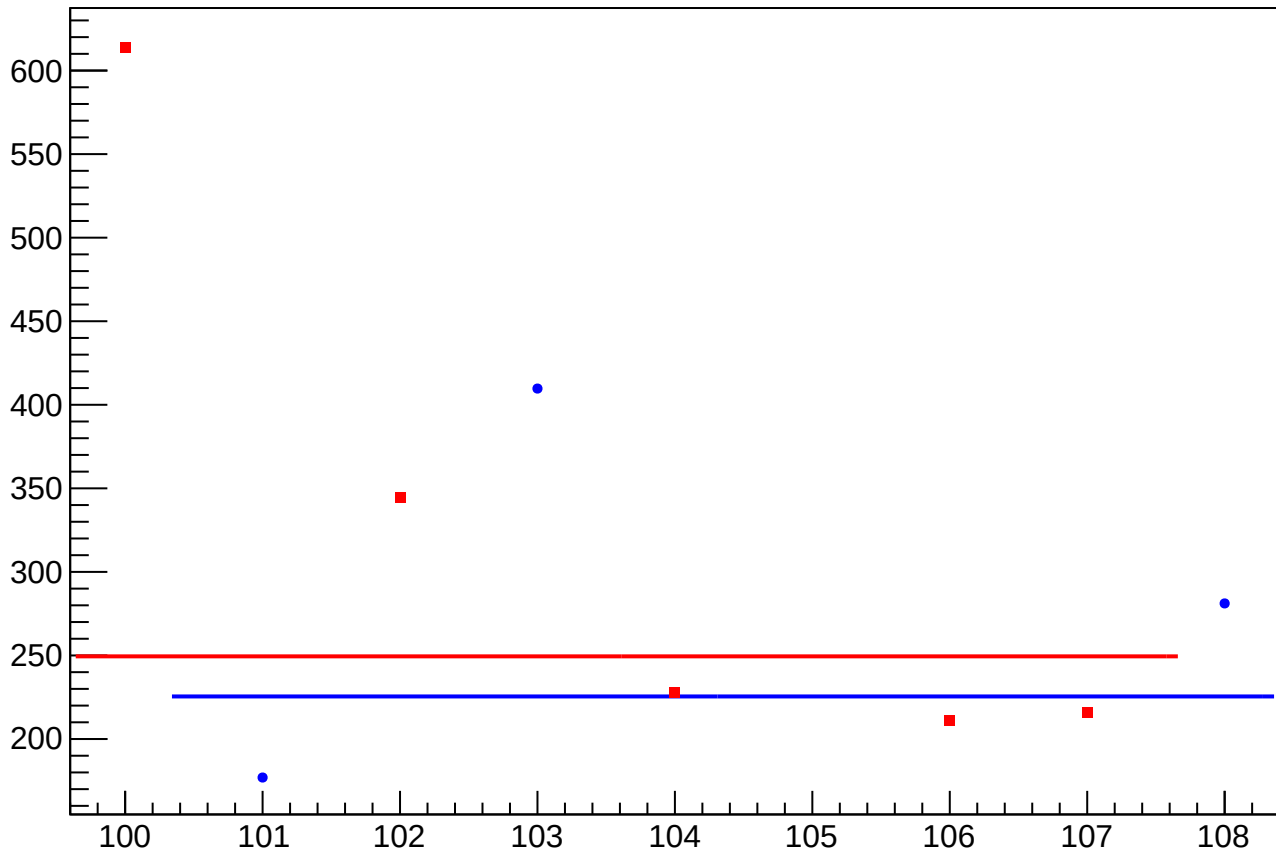
Right: 257.247 $\pm$ 139.371 χ^2 /NDF: 9.6/7

In: 339.399 $\pm$ 191.835 χ^2 /NDF:4.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 257.247 $\pm$ 139.371 χ^2 /NDF: 9.6/7

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 225.473+/-0.136 χ^2/NDF : 361924.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 249.464+/-0.143 χ^2/NDF : 177718.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

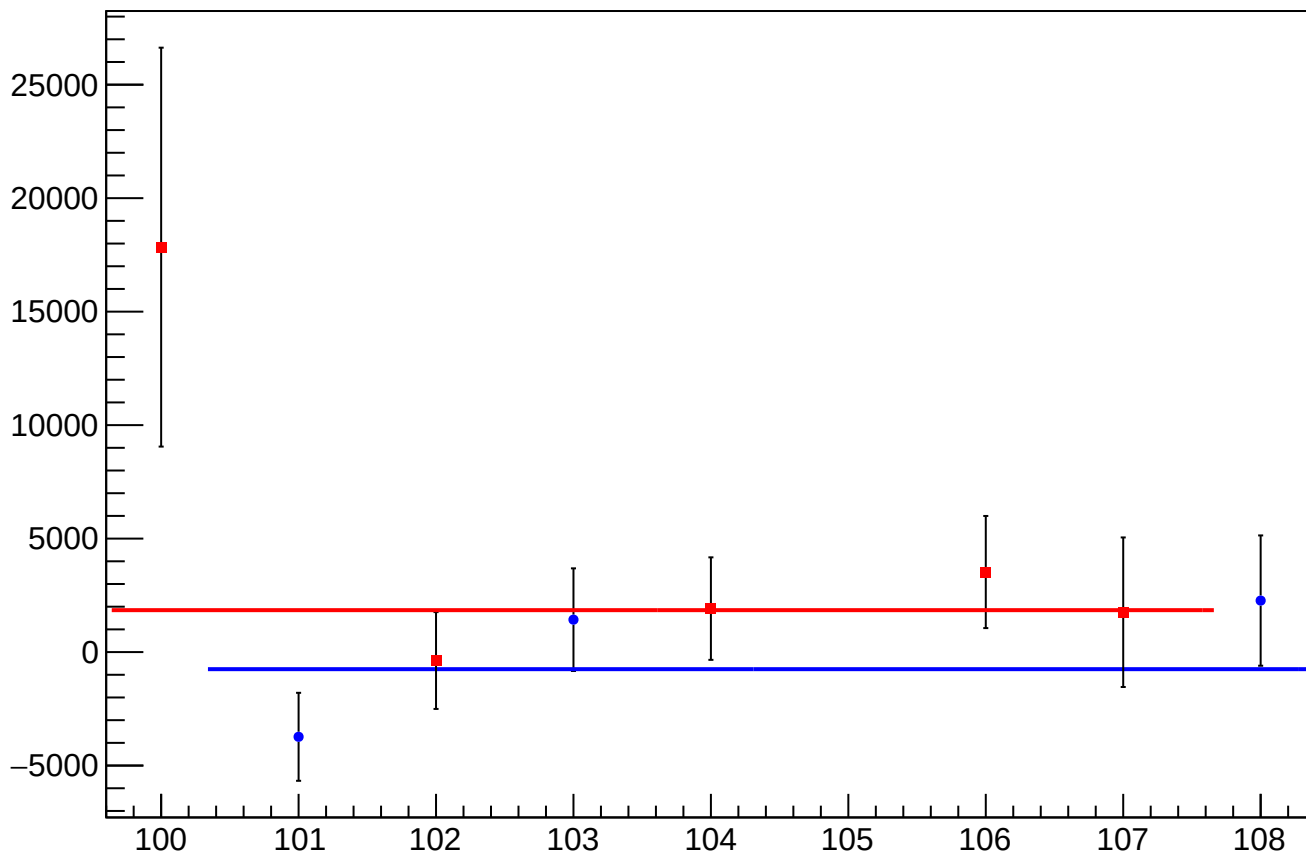
Right: 236.801+/-0.099 χ^2/NDF : 554411.6/7

In: 225.473+/-0.136 χ^2/NDF : 361924.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 236.801+/-0.099 χ^2/NDF : 554411.6/7

asym_sam3_dit_correction_mean vs Slug, Sign Corrected



Right In: -752.698+/-1309.494 χ^2/NDF : 4.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1847.185+/-1208.468 χ^2/NDF : 4.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

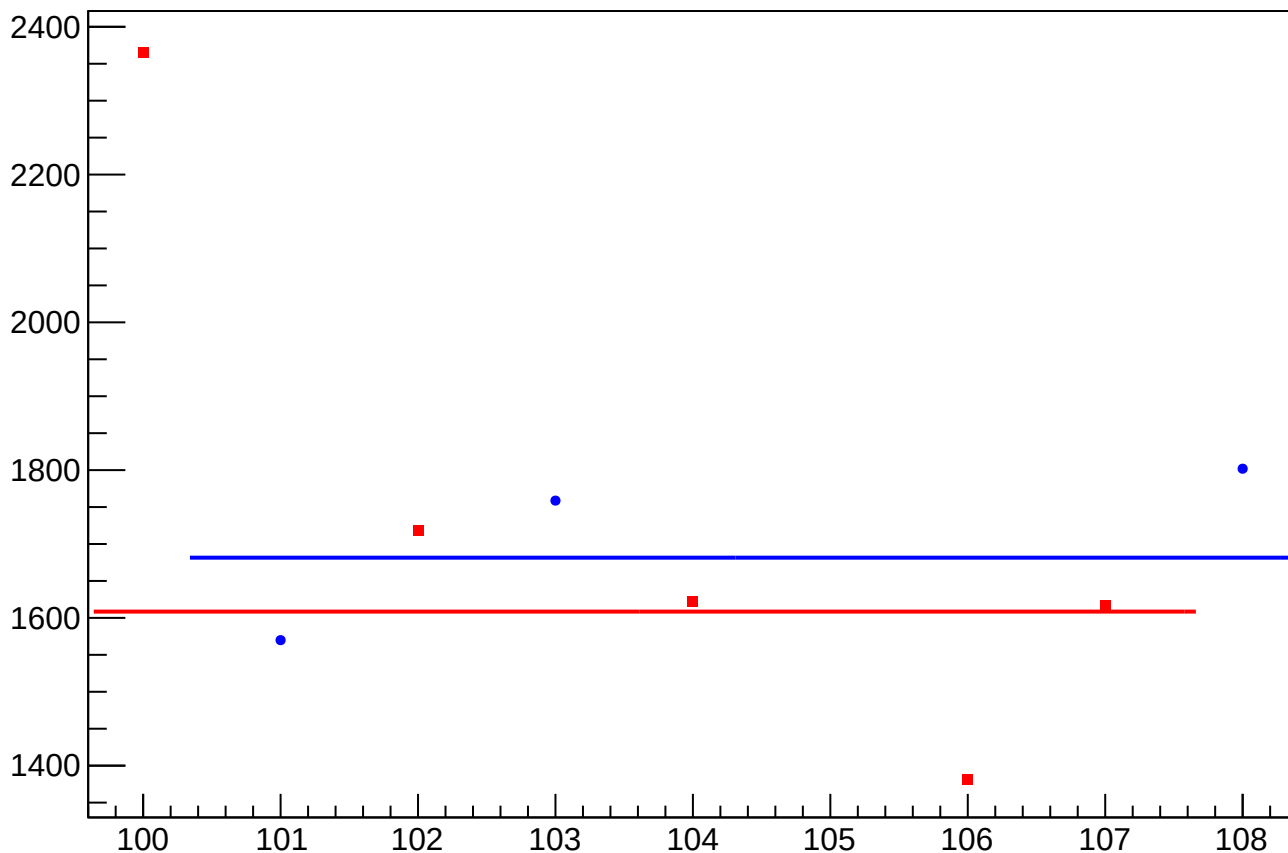
Right: 651.388+/-888.086 χ^2/NDF : 11.4/7

In: -752.698+/-1309.494 χ^2/NDF : 4.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 651.388+/-888.086 χ^2/NDF : 11.4/7

asym_sam3_dit_correction_rms vs Slug, Sign Corrected



Right In: 1681.513 $\pm$ 0.926 χ^2 /NDF: 12483.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1608.507 $\pm$ 0.855 χ^2 /NDF: 37107.1/4

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

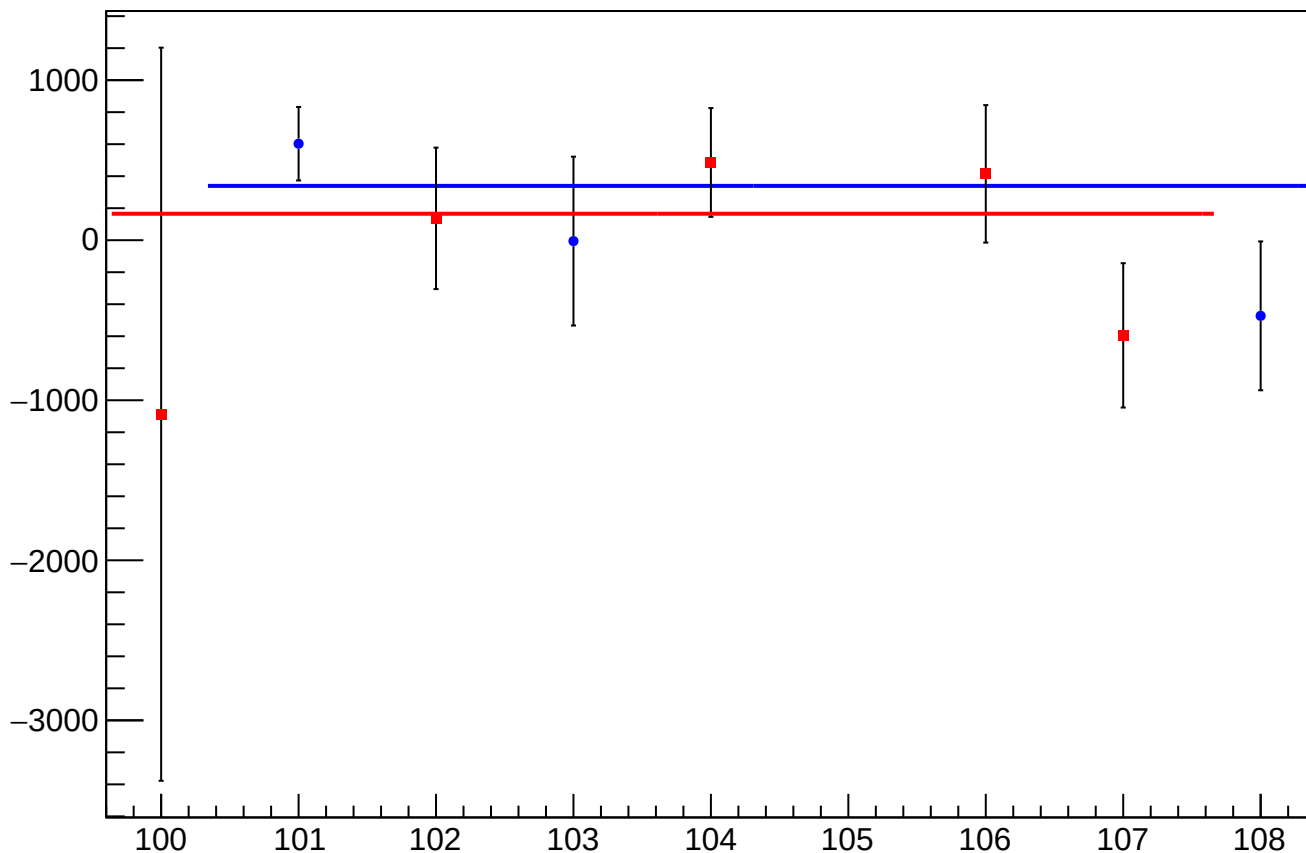
Right: 1642.085 $\pm$ 0.628 χ^2 /NDF: 52948.0/7

In: 1681.513 $\pm$ 0.926 χ^2 /NDF: 12483.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1642.085 $\pm$ 0.628 χ^2 /NDF: 52948.0/7

eigen_dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 339.406 $\pm$ 191.837 χ^2 /NDF: 4.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 165.411 $\pm$ 202.826 χ^2 /NDF: 4.4/4

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

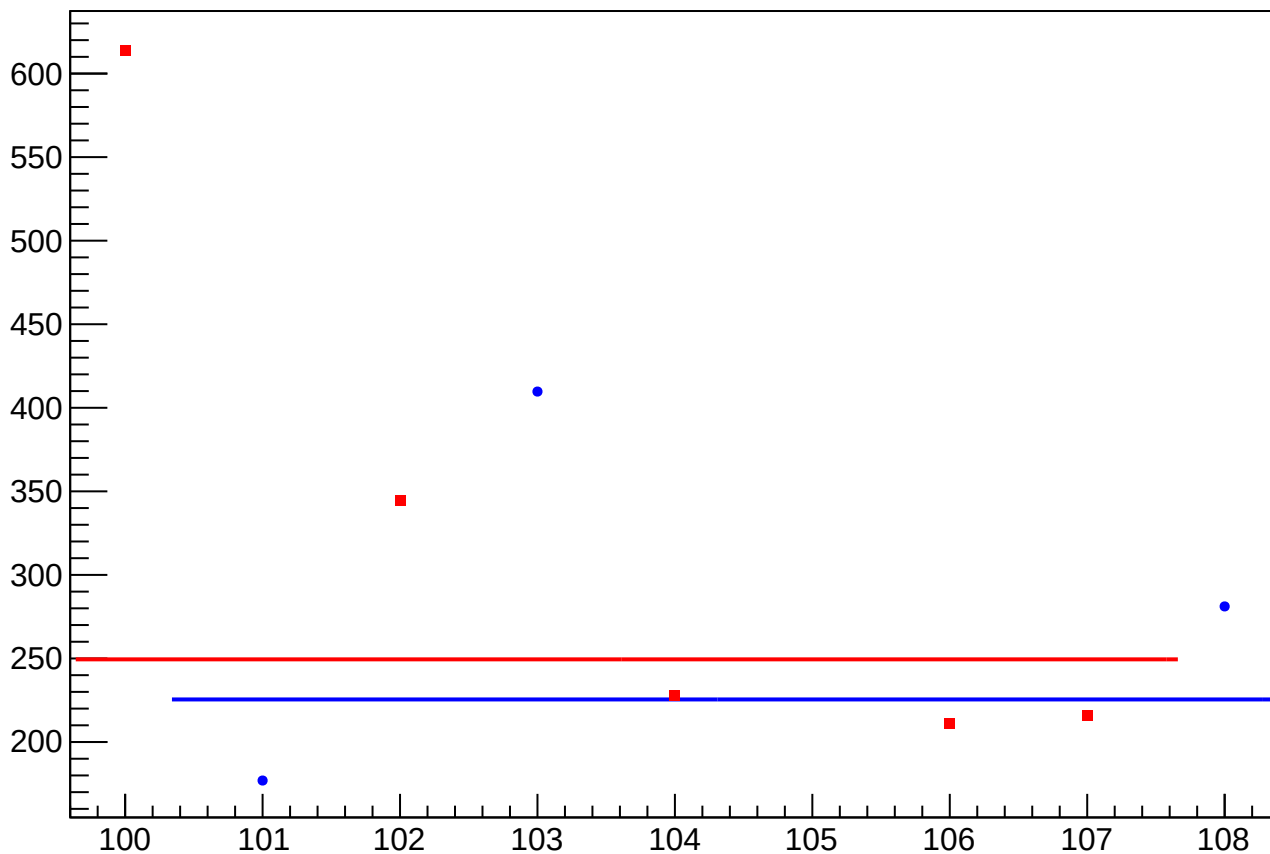
Right: 257.250 $\pm$ 139.372 χ^2 /NDF: 9.6/7

In: 339.406 $\pm$ 191.837 χ^2 /NDF:4.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 257.250 $\pm$ 139.372 χ^2 /NDF: 9.6/7

eigen_dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 225.476+/-0.136 χ^2/NDF : 361917.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 249.466+/-0.143 χ^2/NDF : 177718.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

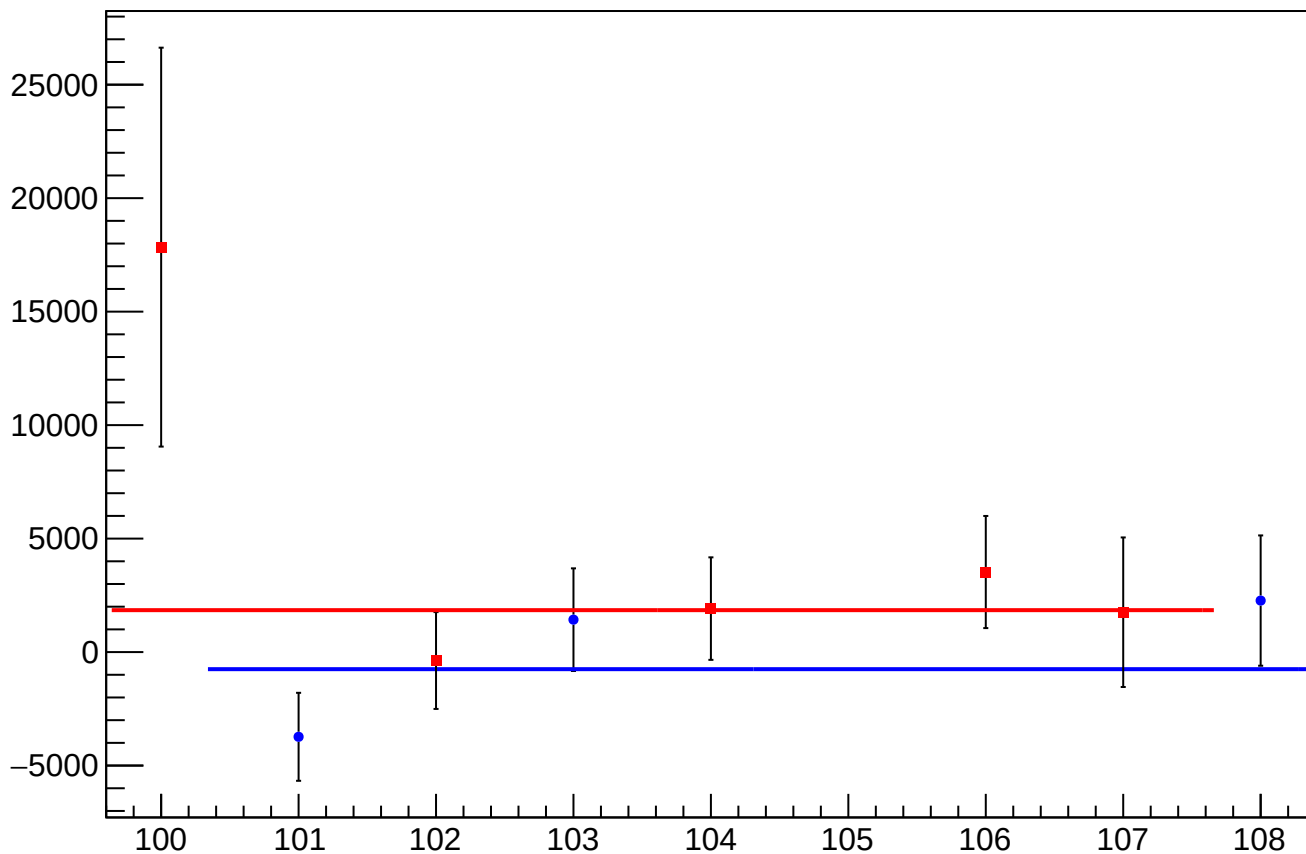
Right: 236.804+/-0.099 χ^2/NDF : 554404.1/7

In: 225.476+/-0.136 χ^2/NDF : 361917.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 236.804+/-0.099 χ^2/NDF : 554404.1/7

asym_sam3_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -752.696+/-1309.488 χ^2/NDF : 4.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1847.179+/-1208.465 χ^2/NDF : 4.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

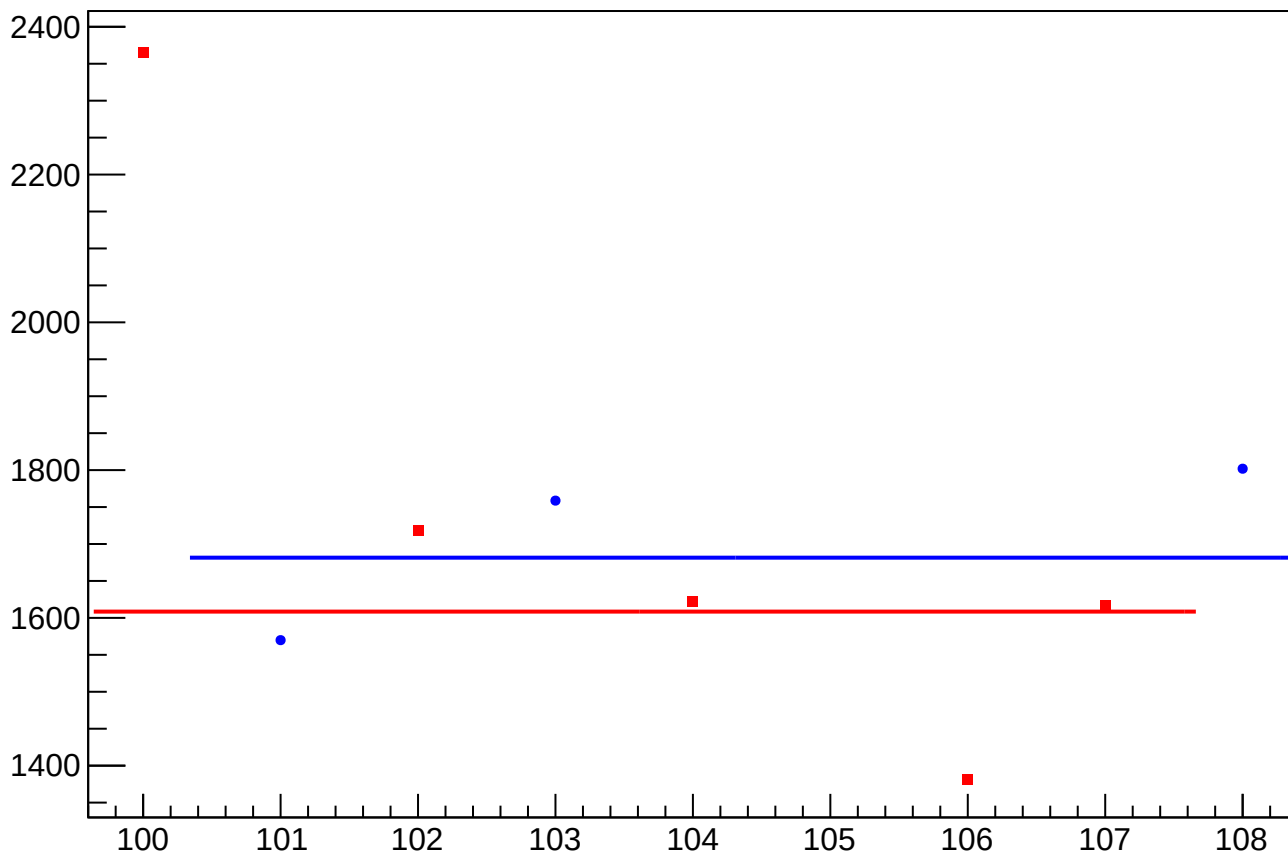
Right: 651.385+/-888.083 χ^2/NDF : 11.4/7

In: -752.696+/-1309.488 χ^2/NDF : 4.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 651.385+/-888.083 χ^2/NDF : 11.4/7

asym_sam3_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1681.506 $\pm$ 0.926 χ^2 /NDF: 12484.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1608.502 $\pm$ 0.855 χ^2 /NDF: 37106.4/4

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

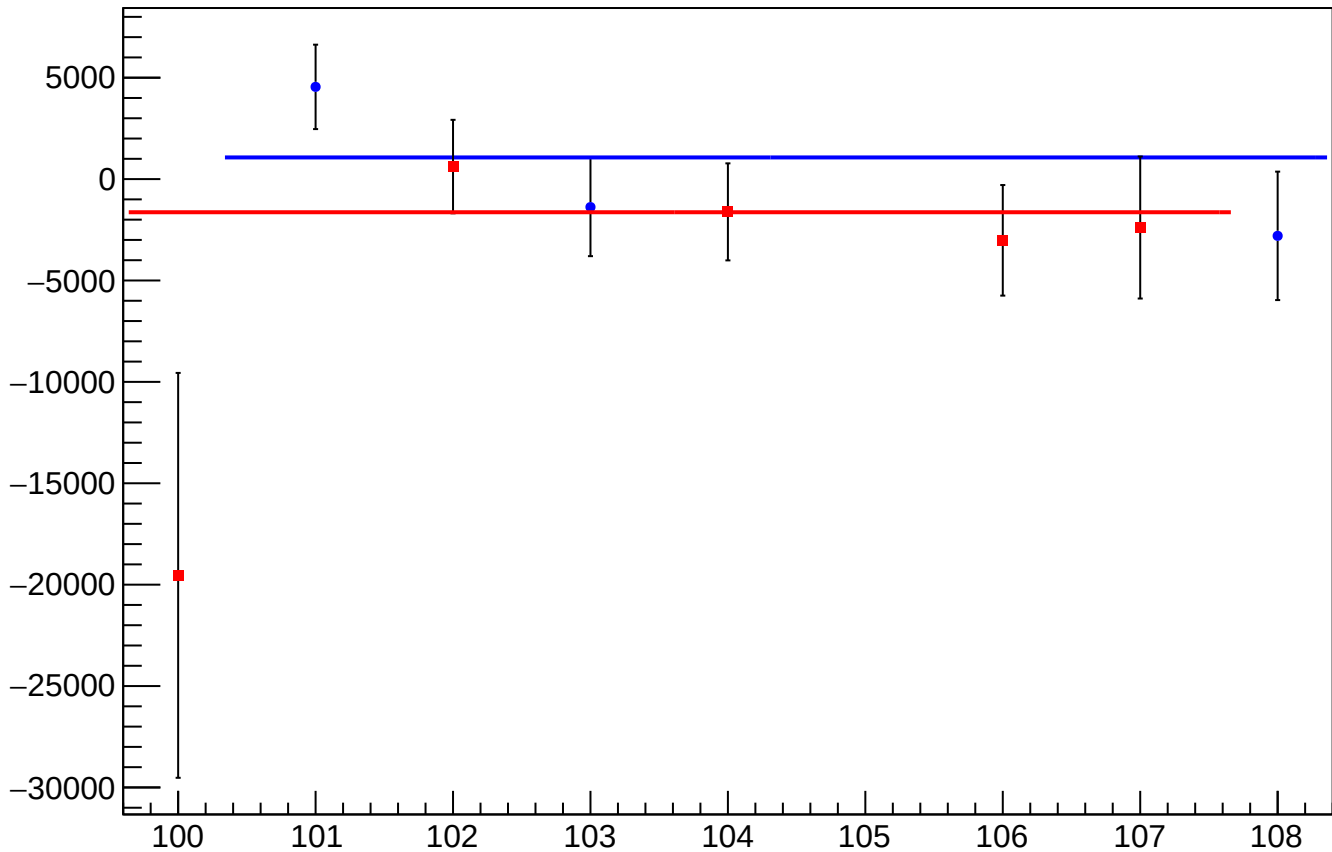
Right: 1642.080 $\pm$ 0.628 χ^2 /NDF: 52947.4/7

In: 1681.506 $\pm$ 0.926 χ^2 /NDF: 12484.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1642.080 $\pm$ 0.628 χ^2 /NDF: 52947.4/7

asym_sam3_mean vs Slug, Sign Corrected



Right In: 1068.140+/-1412.554 χ^2/NDF : 5.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1634.502+/-1302.782 χ^2/NDF : 4.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

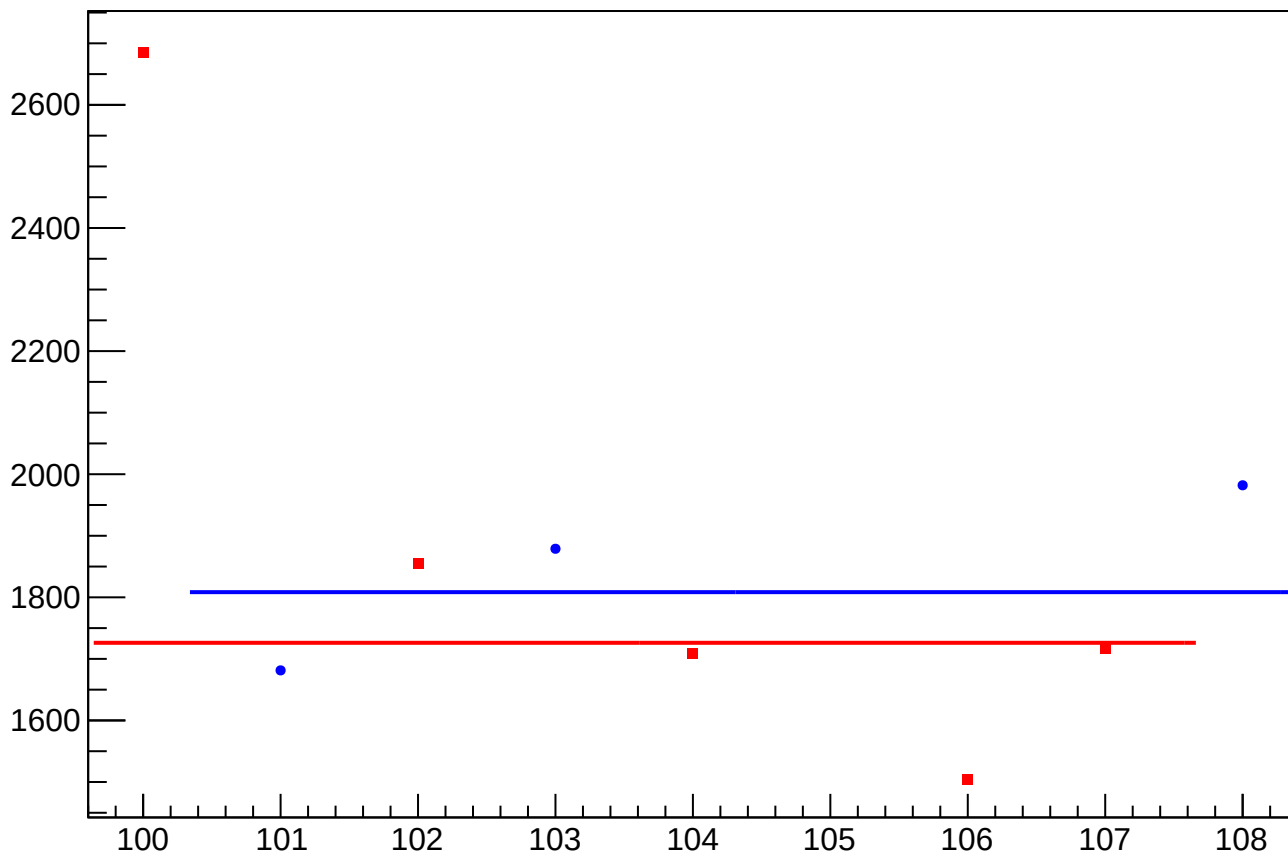
Right: -392.262+/-957.665 χ^2/NDF : 11.8/7

In: 1068.140+/-1412.554 χ^2/NDF : 5.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -392.262+/-957.665 χ^2/NDF : 11.8/7

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1808.404+/-0.999 χ^2/NDF : 15162.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1726.125+/-0.921 χ^2/NDF : 38118.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

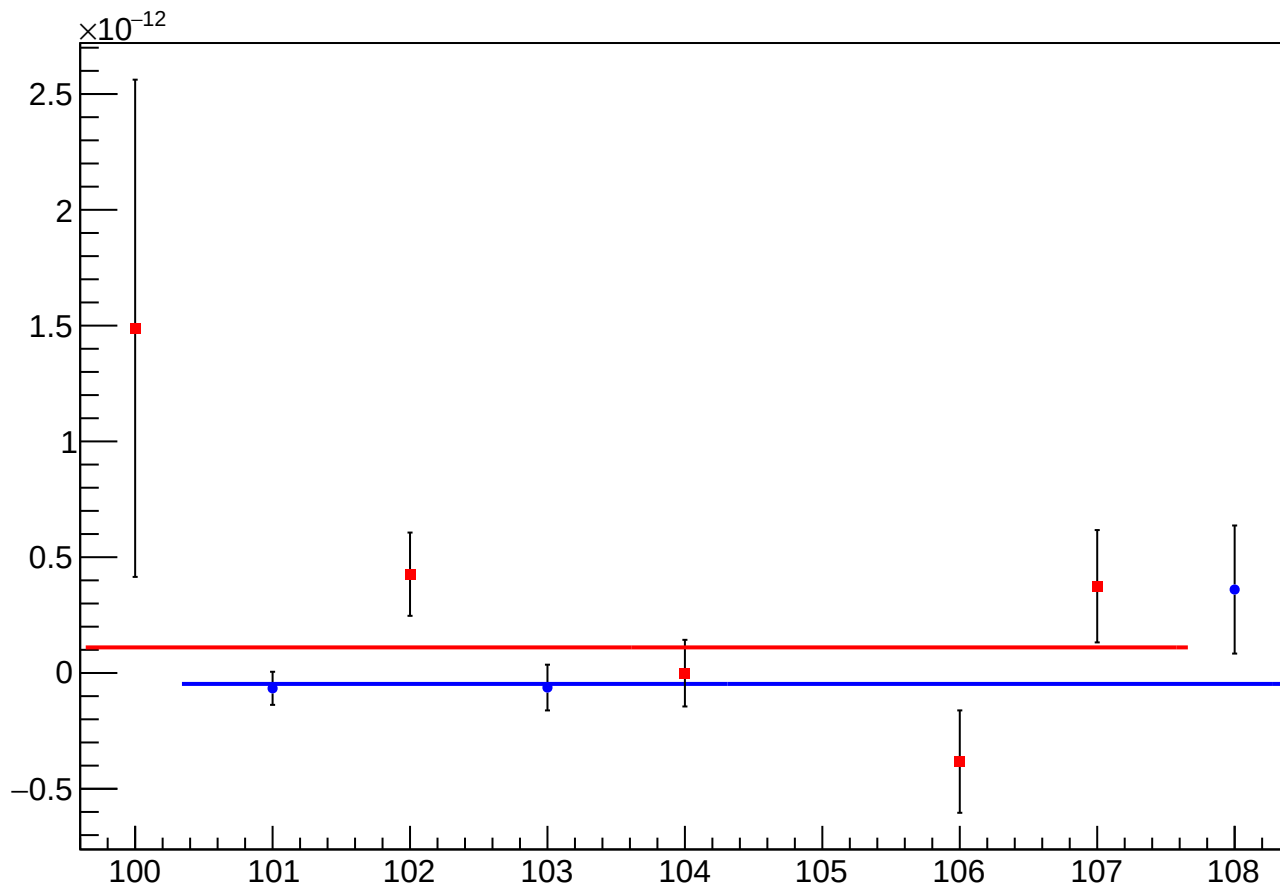
Right: 1763.944+/-0.677 χ^2/NDF : 56947.7/7

In: 1808.404+/-0.999 χ^2/NDF : 15162.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1763.944+/-0.677 χ^2/NDF : 56947.7/7

asym_sam3_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

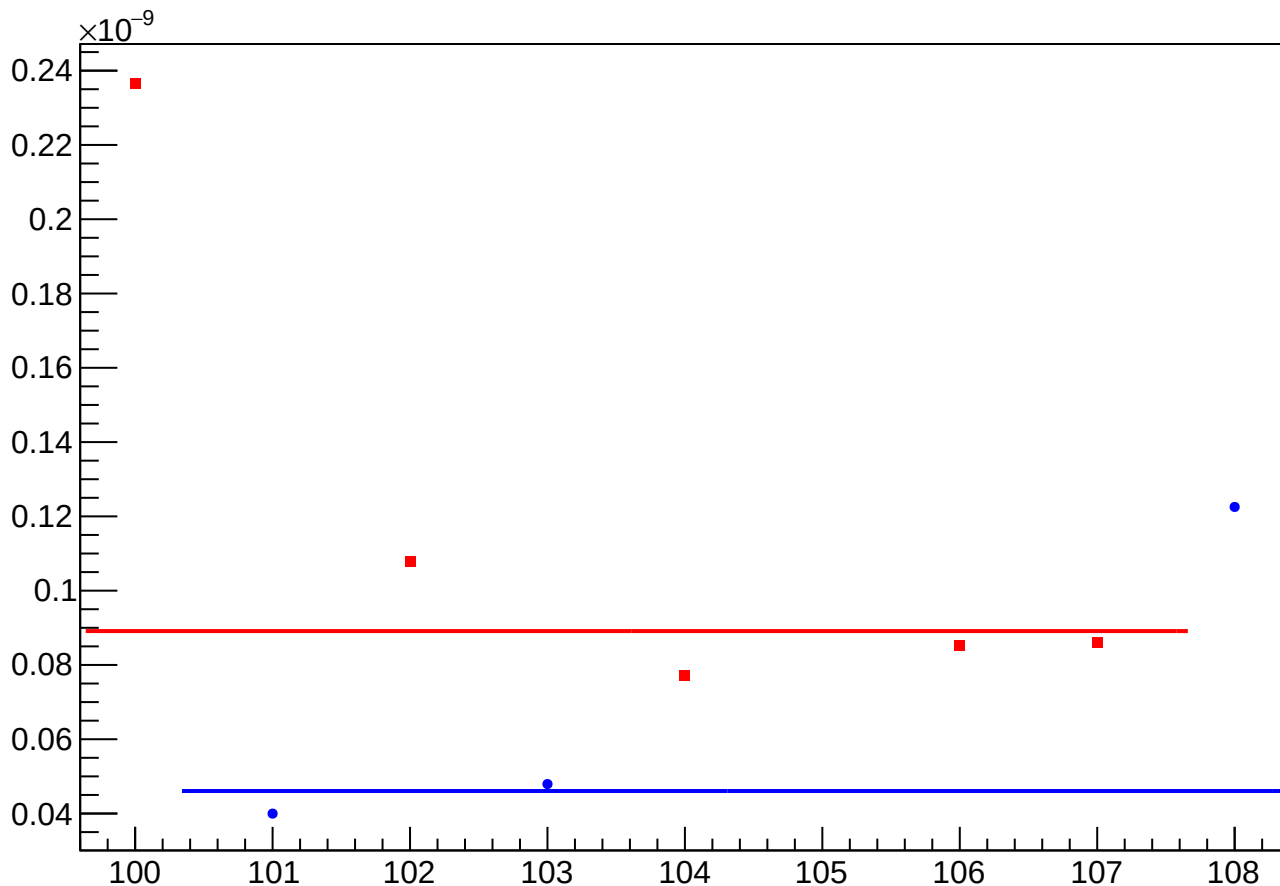
Right: -0.000+/-0.000 χ^2/NDF : 15.9/7

In: -0.000+/-0.000 χ^2/NDF : 2.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.9/7

asym_sam3_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 168203.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 73740.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

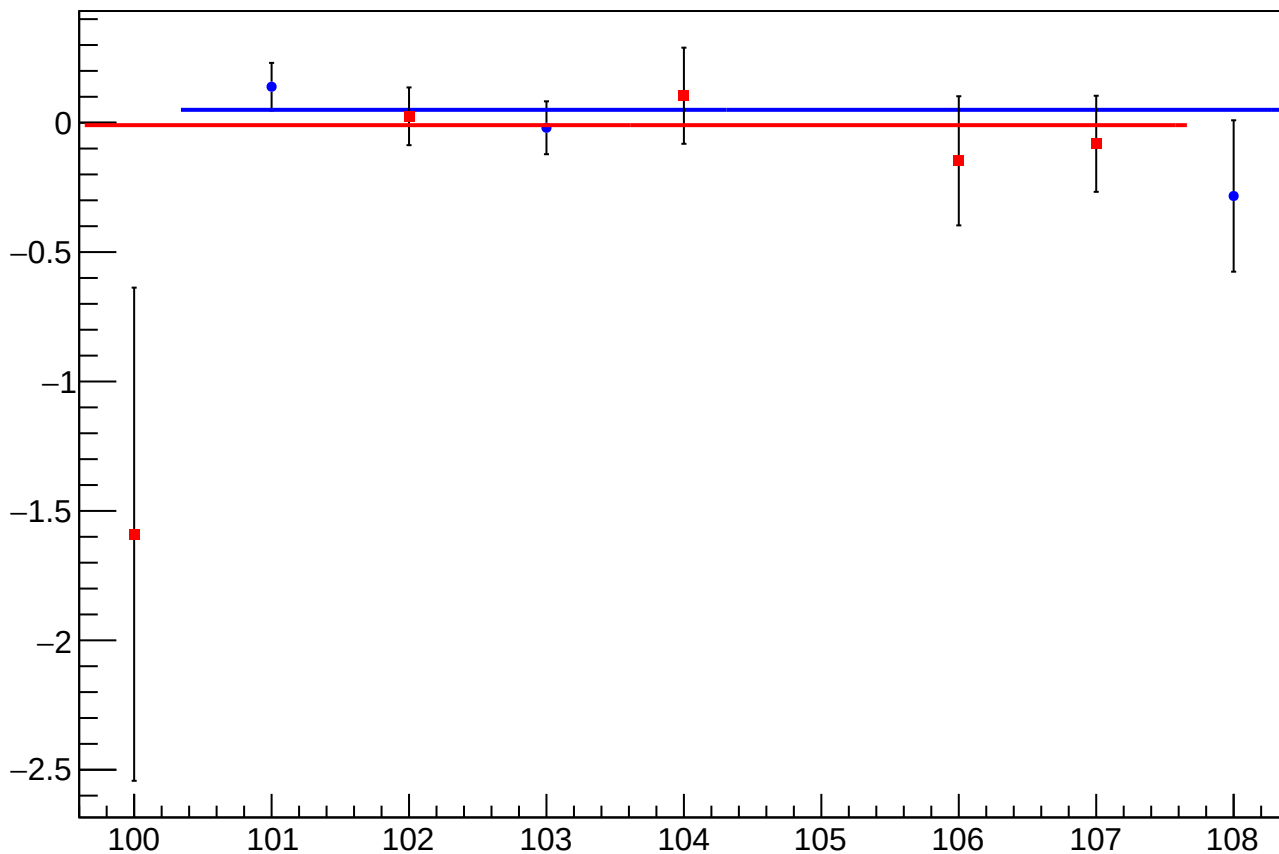
Right: 0.000+/-0.000 χ^2/NDF : 558441.4/7

In: 0.000+/-0.000 χ^2/NDF : 168203.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 558441.4/7

asym_sam3_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.050+/-0.067 χ^2/NDF : 2.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.010+/-0.080 χ^2/NDF : 3.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

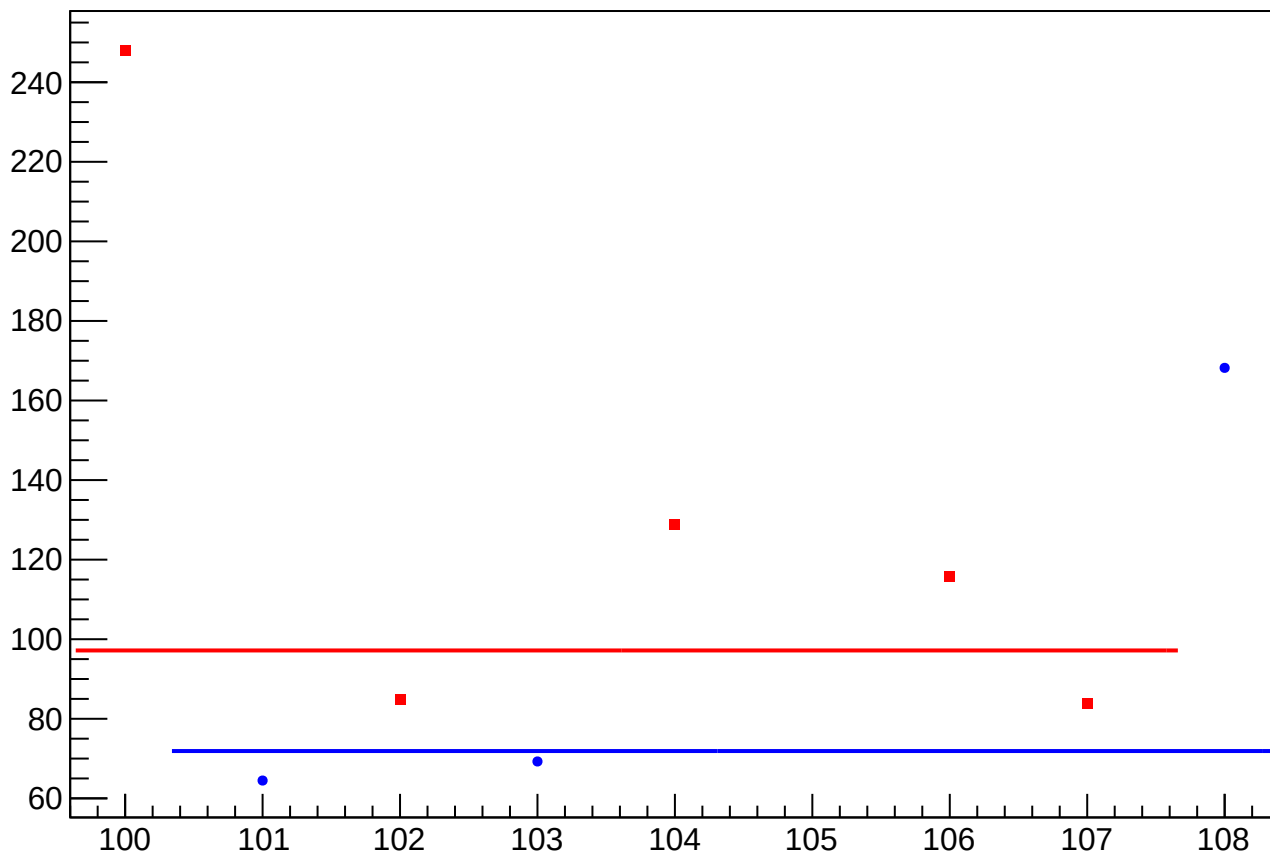
Right: 0.025+/-0.051 χ^2/NDF : 6.7/7

In: 0.050+/-0.067 χ^2/NDF : 2.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.051 χ^2/NDF : 6.7/7

asym_sam3_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 71.893+/-0.047 χ^2/NDF : 231167.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.176+/-0.057 χ^2/NDF : 154211.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

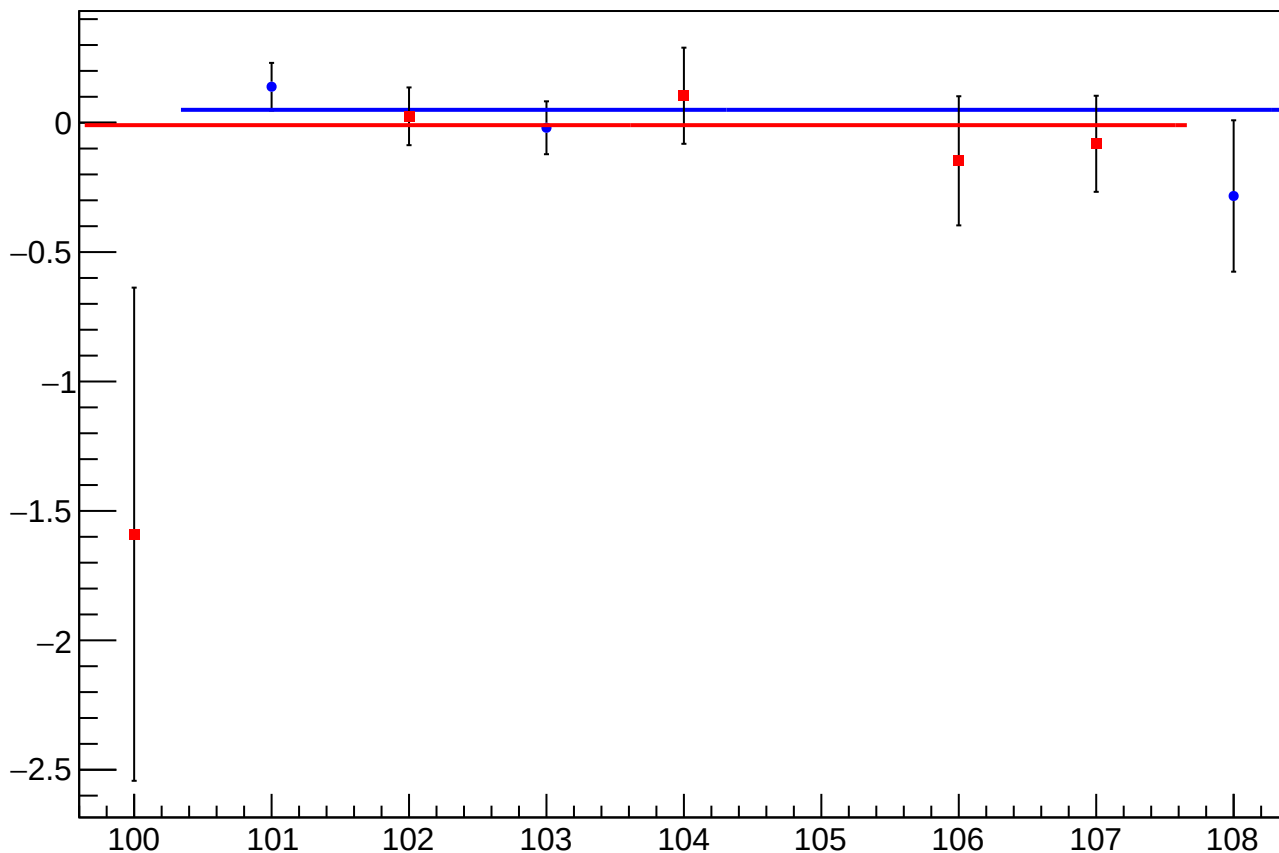
Right: 82.217+/-0.036 χ^2/NDF : 503075.9/7

In: 71.893+/-0.047 χ^2/NDF : 231167.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.217+/-0.036 χ^2/NDF : 503075.9/7

asym_sam3_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.050+/-0.067 χ^2/NDF : 2.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.010+/-0.080 χ^2/NDF : 3.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

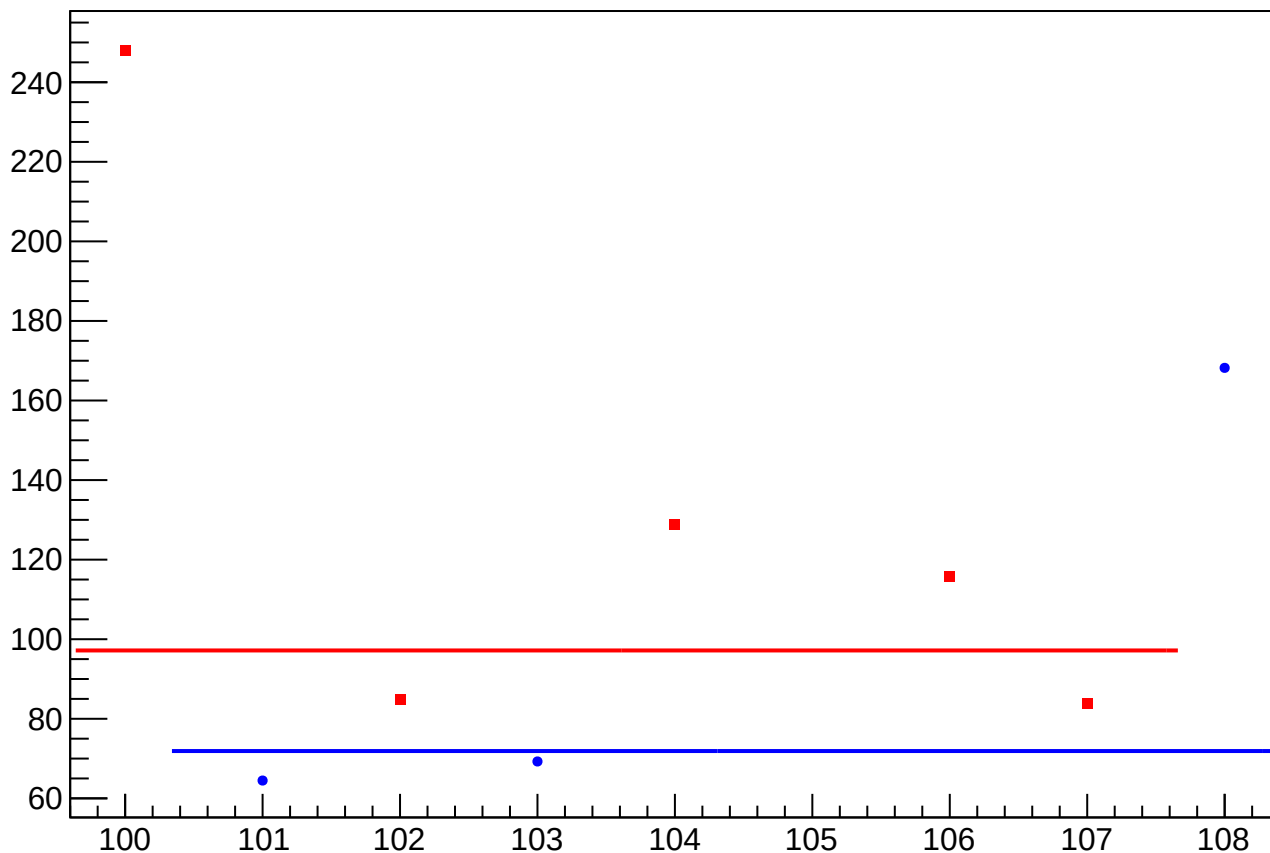
Right: 0.025+/-0.051 χ^2/NDF : 6.7/7

In: 0.050+/-0.067 χ^2/NDF : 2.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.051 χ^2/NDF : 6.7/7

asym_sam3_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 71.893+/-0.047 χ^2/NDF : 231167.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.176+/-0.057 χ^2/NDF : 154211.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

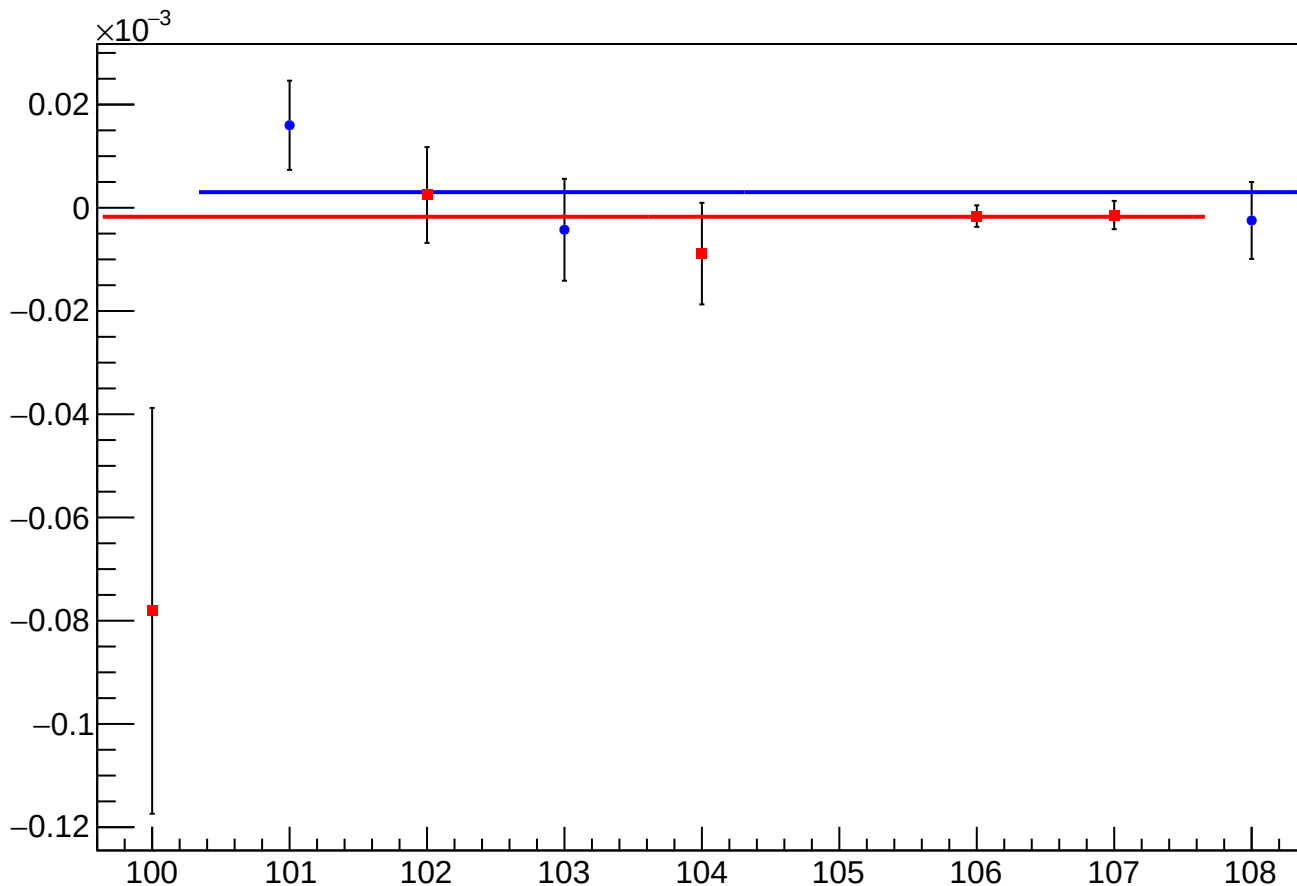
Right: 82.217+/-0.036 χ^2/NDF : 503075.9/7

In: 71.893+/-0.047 χ^2/NDF : 231167.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.217+/-0.036 χ^2/NDF : 503075.9/7

asym_sam3_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

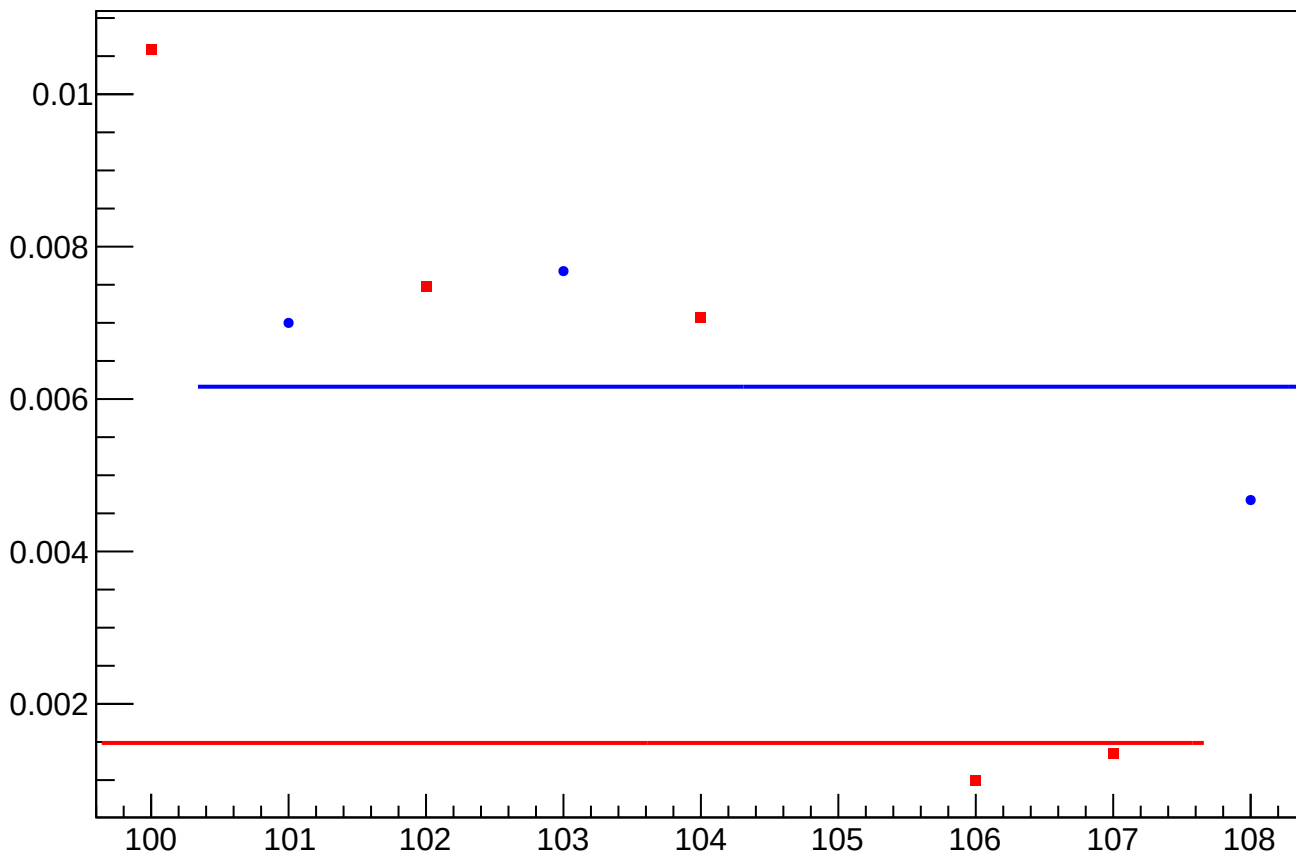
Right: -0.000+/-0.000 χ^2/NDF : 8.7/7

In: 0.000+/-0.000 χ^2/NDF : 3.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.7/7

asym_sam3_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 145621.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1700421.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

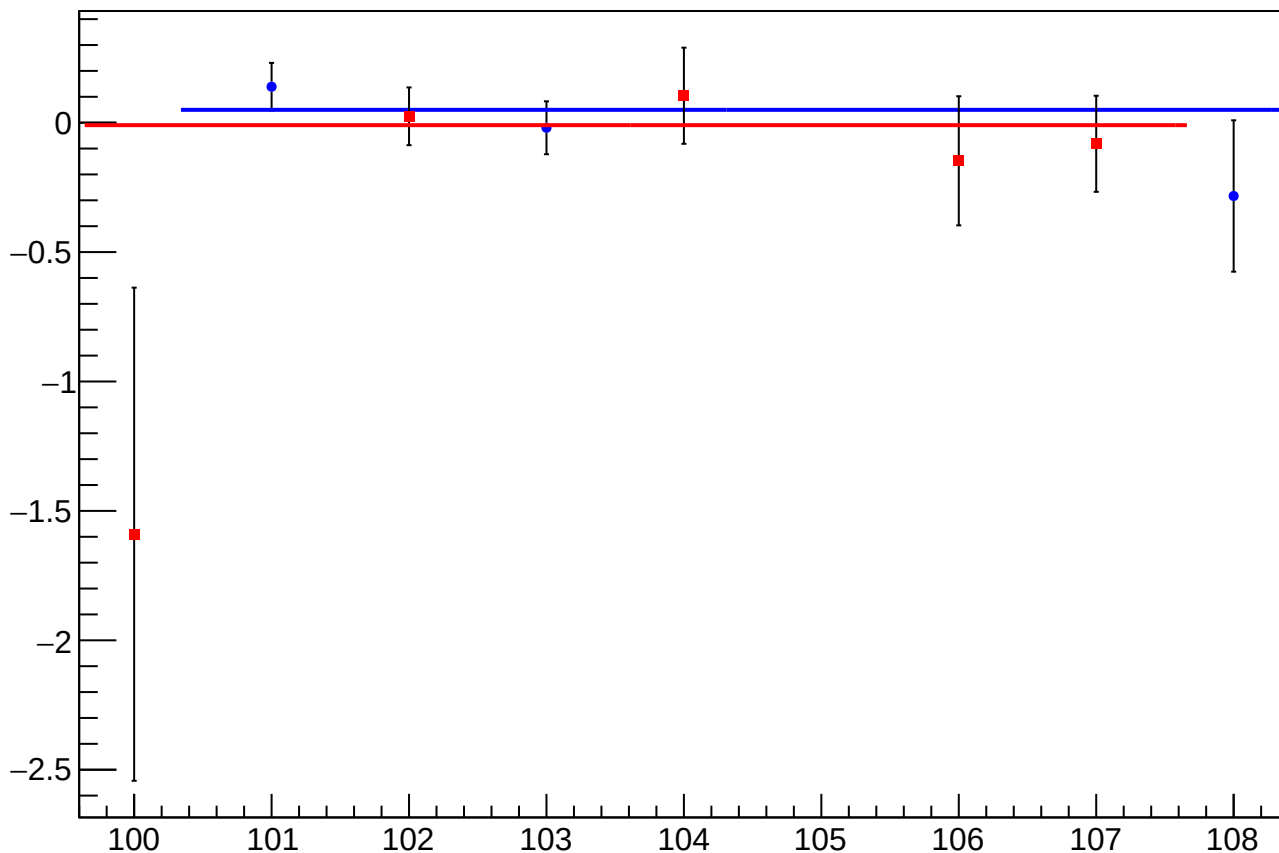
Right: 0.002+/-0.000 χ^2/NDF : 3488917.1/7

In: 0.006+/-0.000 χ^2/NDF : 145621.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3488917.1/7

asym_sam3_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.050+/-0.067 χ^2/NDF : 2.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.010+/-0.080 χ^2/NDF : 3.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

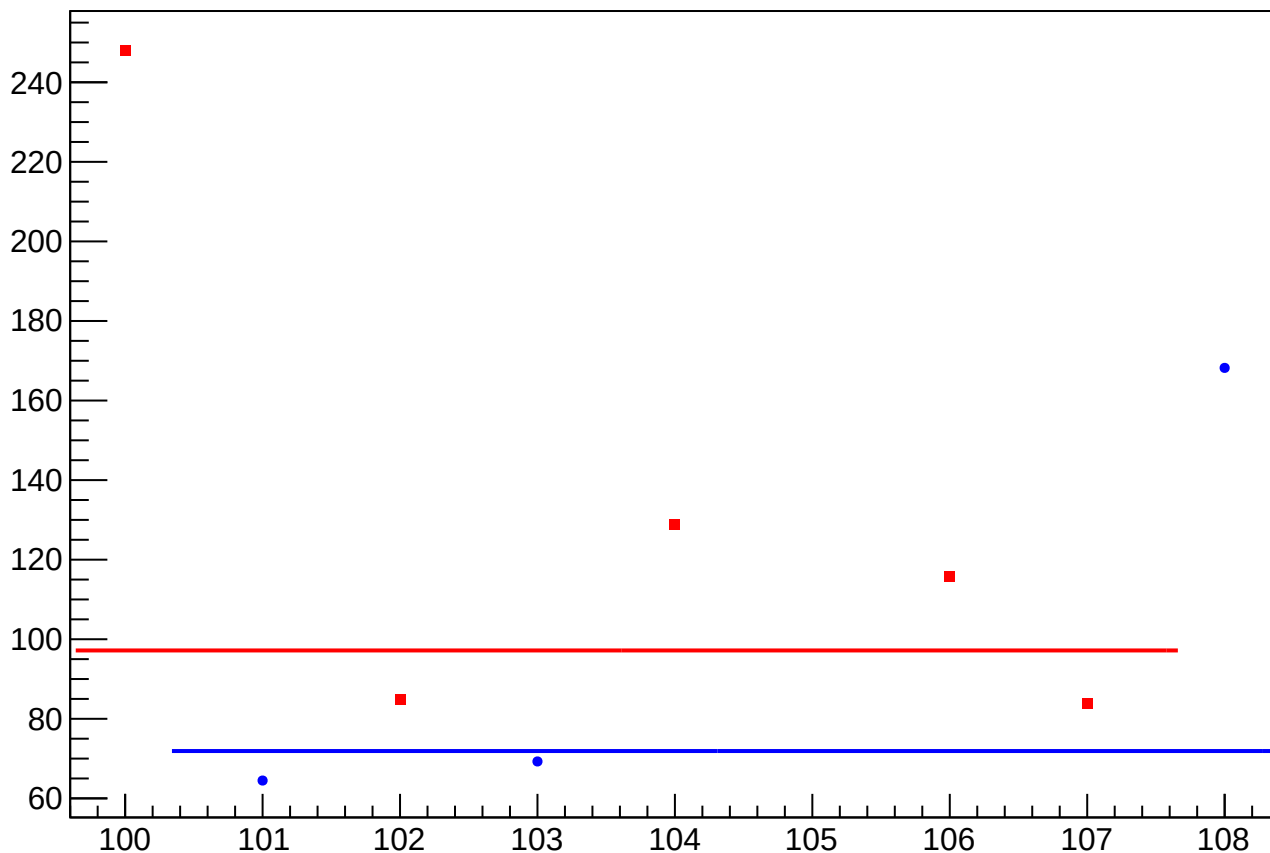
Right: 0.025+/-0.051 χ^2/NDF : 6.7/7

In: 0.050+/-0.067 χ^2/NDF : 2.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.051 χ^2/NDF : 6.7/7

asym_sam3_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 71.899+/-0.047 χ^2/NDF : 231142.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.182+/-0.057 χ^2/NDF : 154196.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

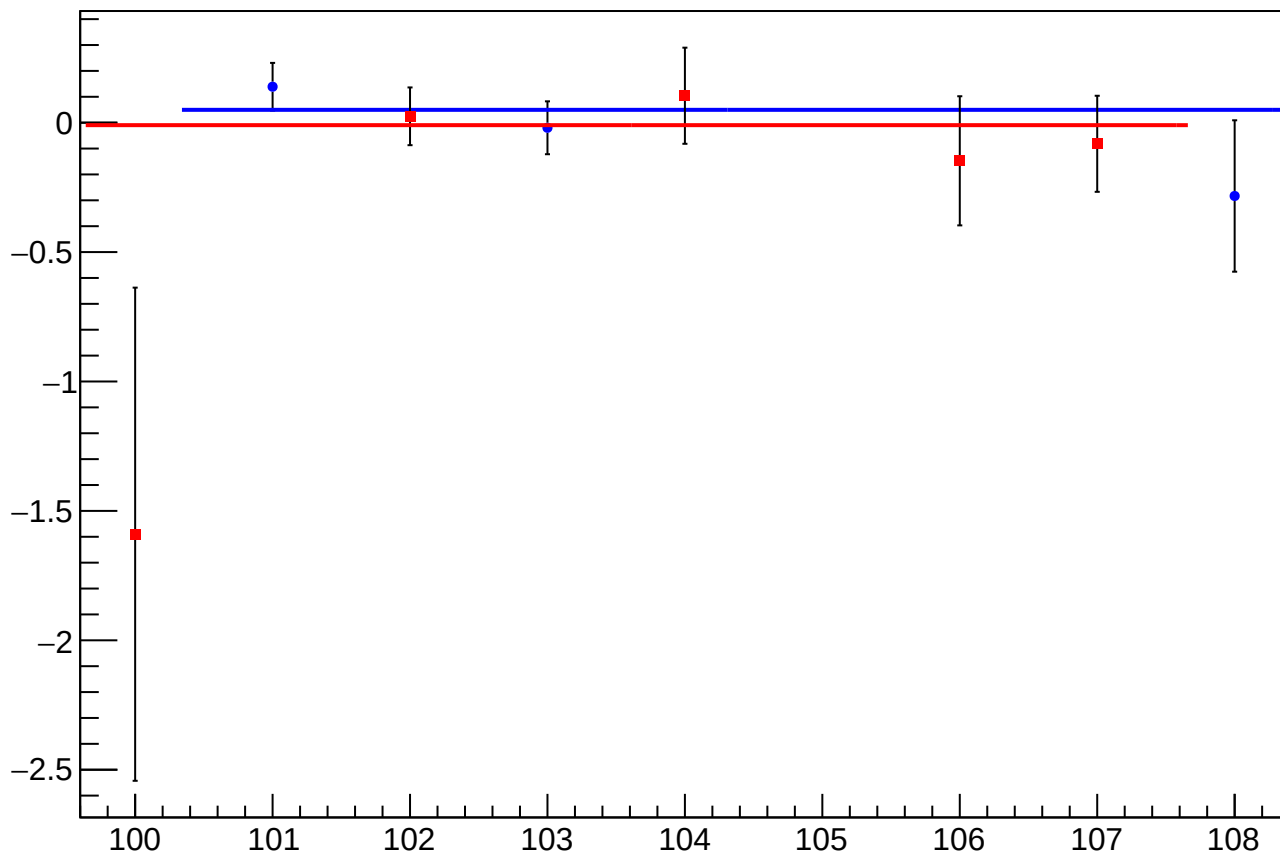
Right: 82.223+/-0.036 χ^2/NDF : 503020.2/7

In: 71.899+/-0.047 χ^2/NDF : 231142.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.223+/-0.036 χ^2/NDF : 503020.2/7

asym_sam3_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.050+/-0.067 χ^2/NDF : 2.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.010+/-0.080 χ^2/NDF : 3.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

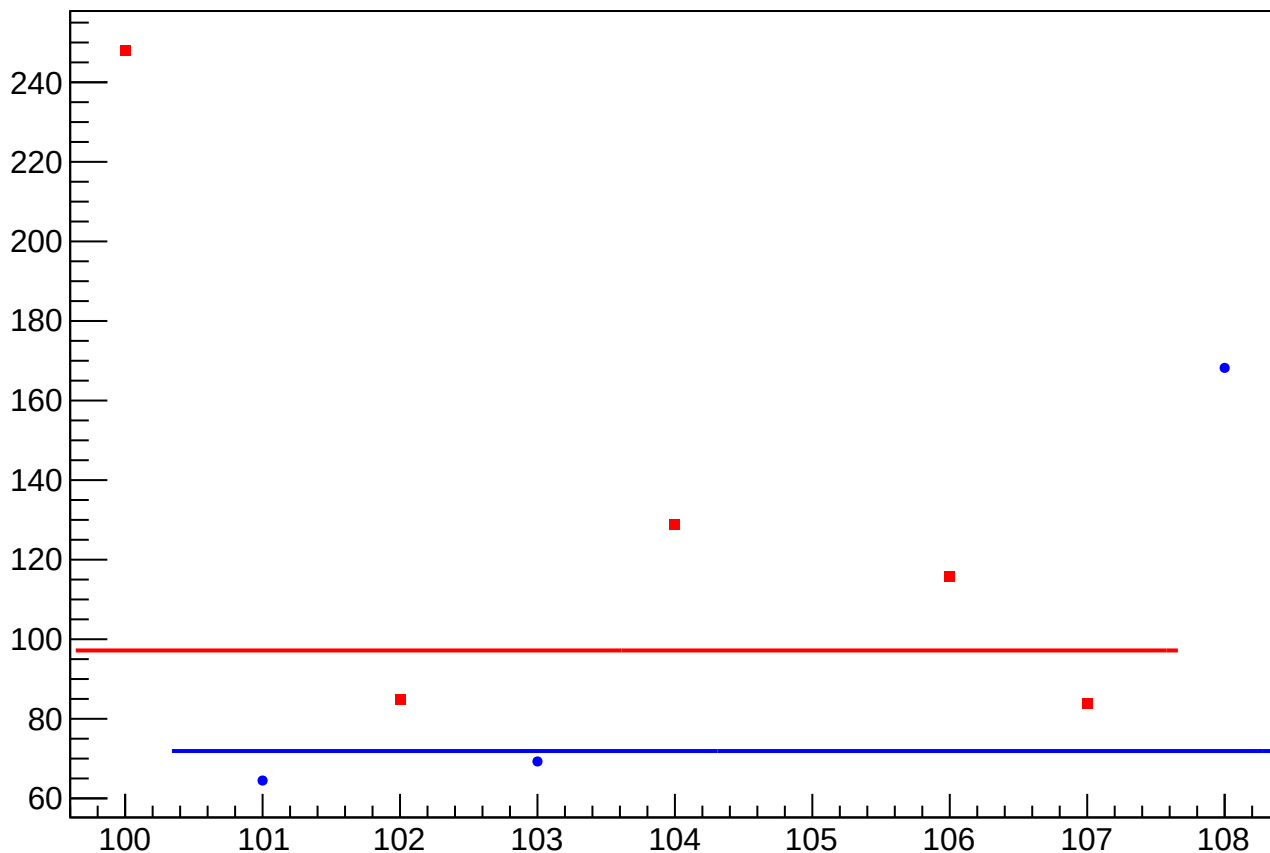
Right: 0.025+/-0.051 χ^2/NDF : 6.7/7

In: 0.050+/-0.067 χ^2/NDF : 2.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.051 χ^2/NDF : 6.7/7

asym_sam3_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 71.899+/-0.047 χ^2/NDF : 231142.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.182+/-0.057 χ^2/NDF : 154196.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

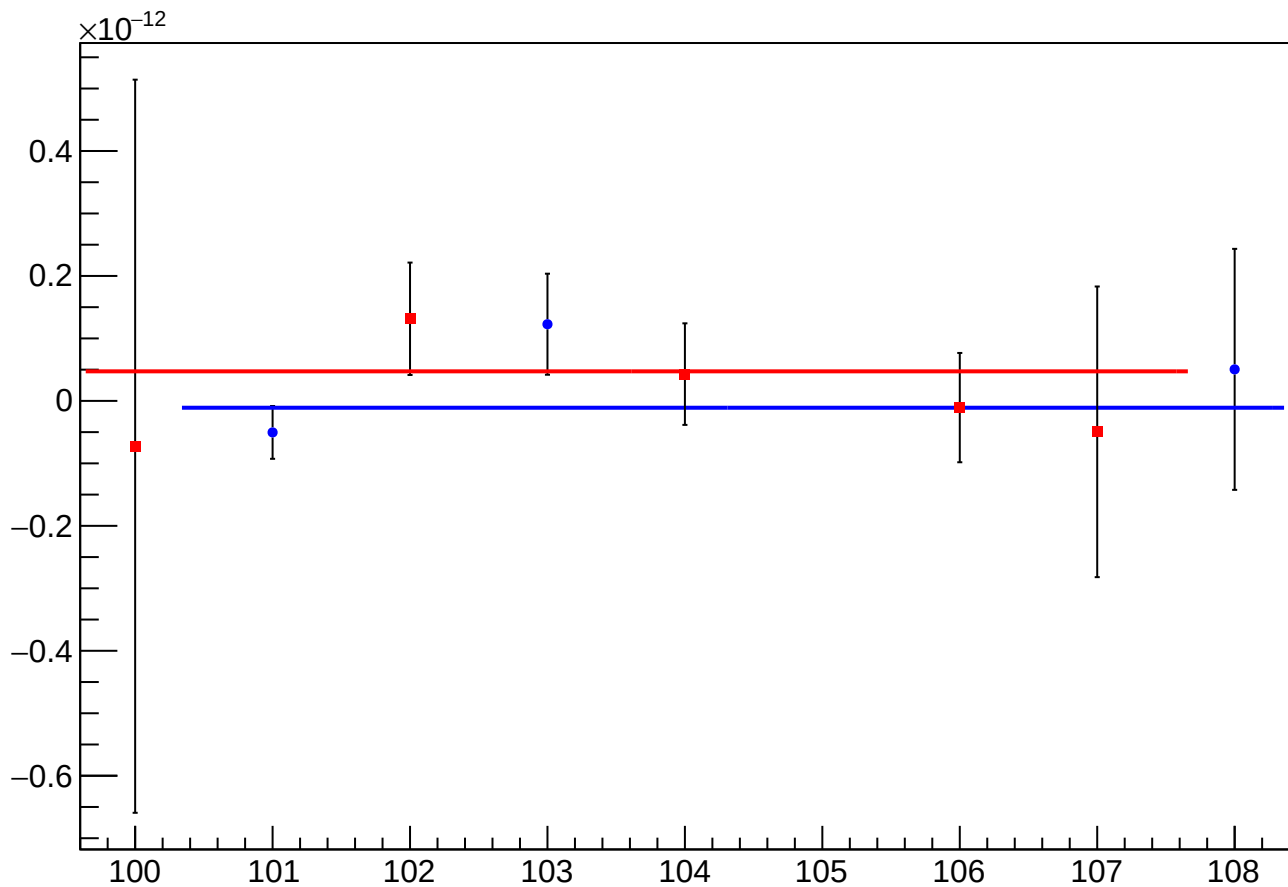
Right: 82.223+/-0.036 χ^2/NDF : 503020.2/7

In: 71.899+/-0.047 χ^2/NDF : 231142.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.223+/-0.036 χ^2/NDF : 503020.2/7

asym_sam3_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

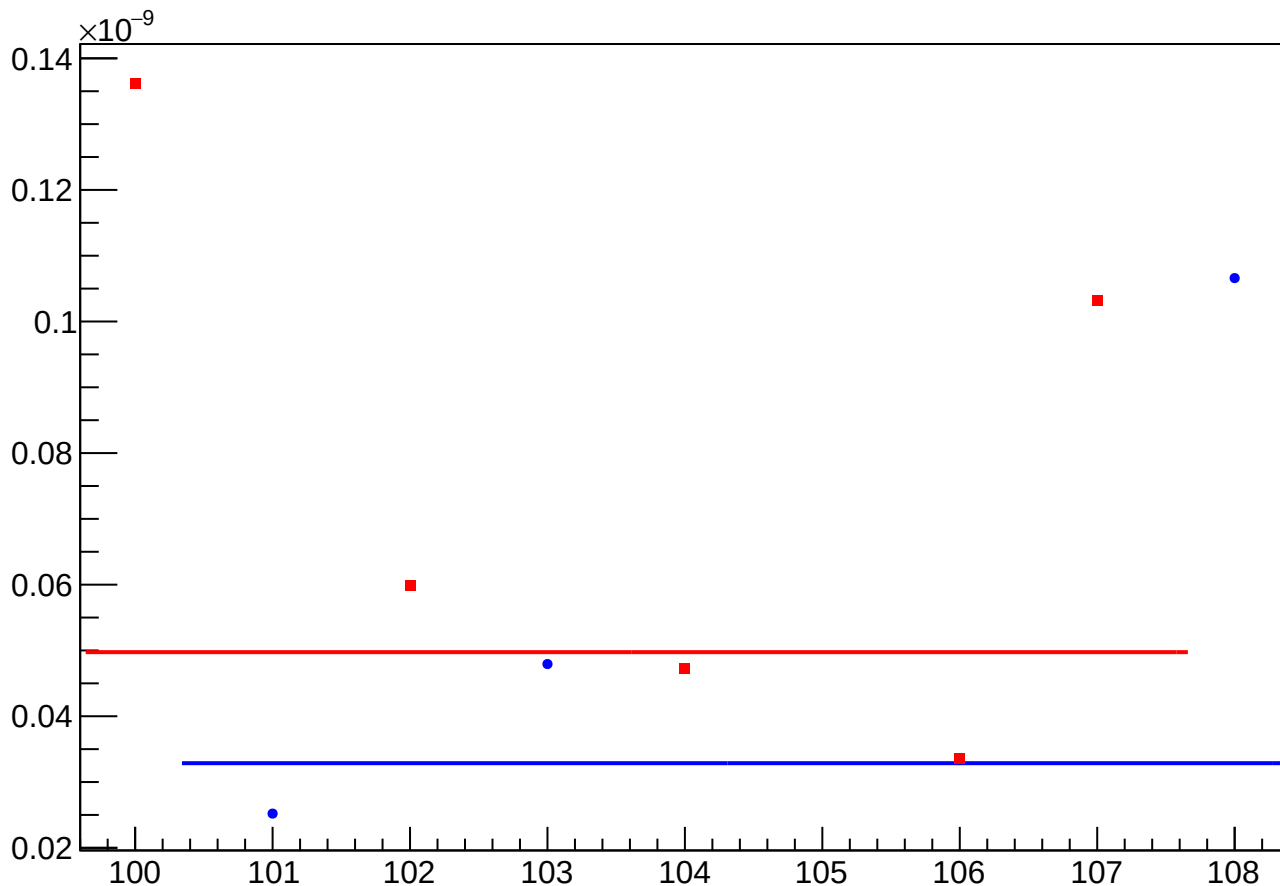
Right: 0.000+/-0.000 χ^2/NDF : 6.2/7

In: -0.000+/-0.000 χ^2/NDF : 3.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.2/7

asym_sam3_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 427435.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 244582.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

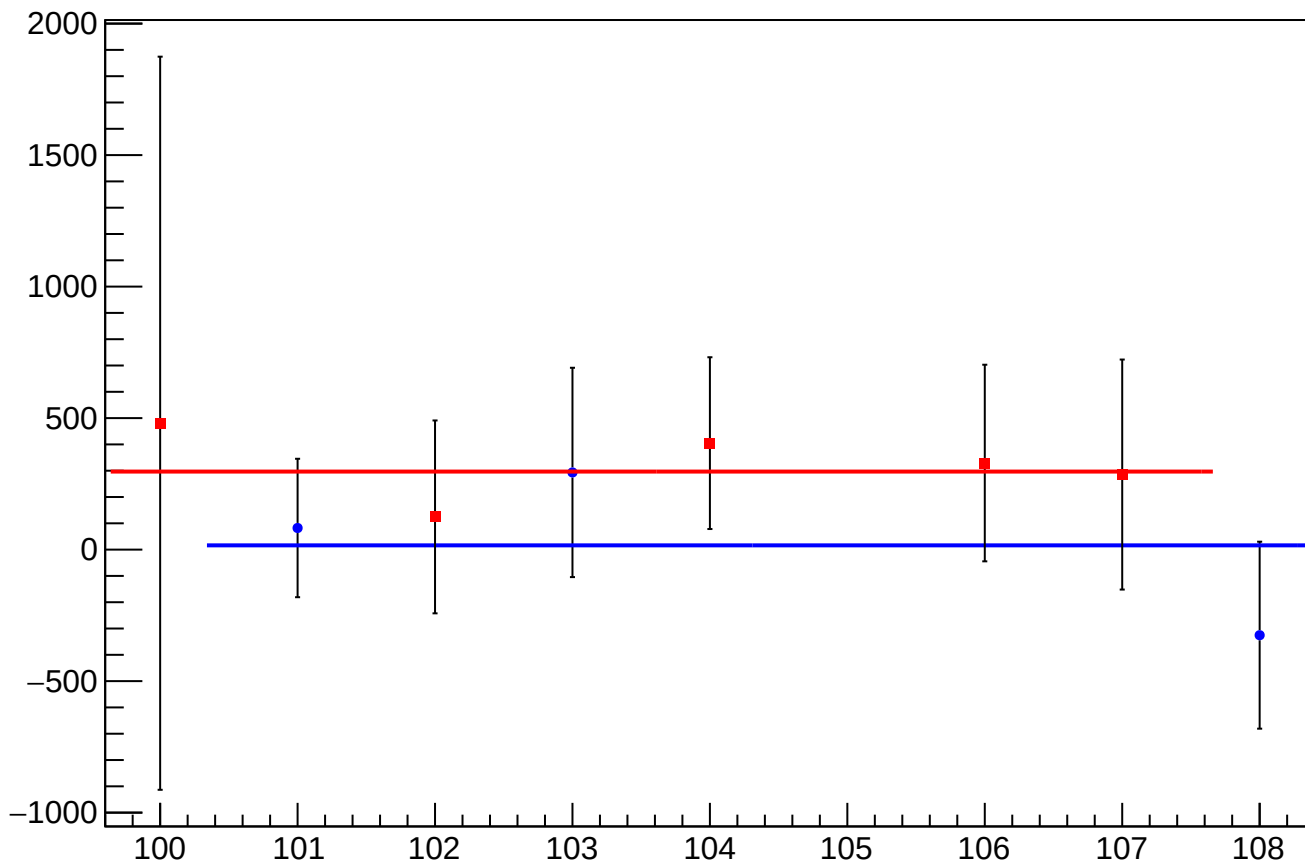
Right: 0.000+/-0.000 χ^2/NDF : 826205.3/7

In: 0.000+/-0.000 χ^2/NDF : 427435.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 826205.3/7

reg_asym_sam4_mean vs Slug, Sign Corrected



Right In: 16.210+/-186.772 χ^2/NDF : 1.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 296.728+/-183.441 χ^2/NDF : 0.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

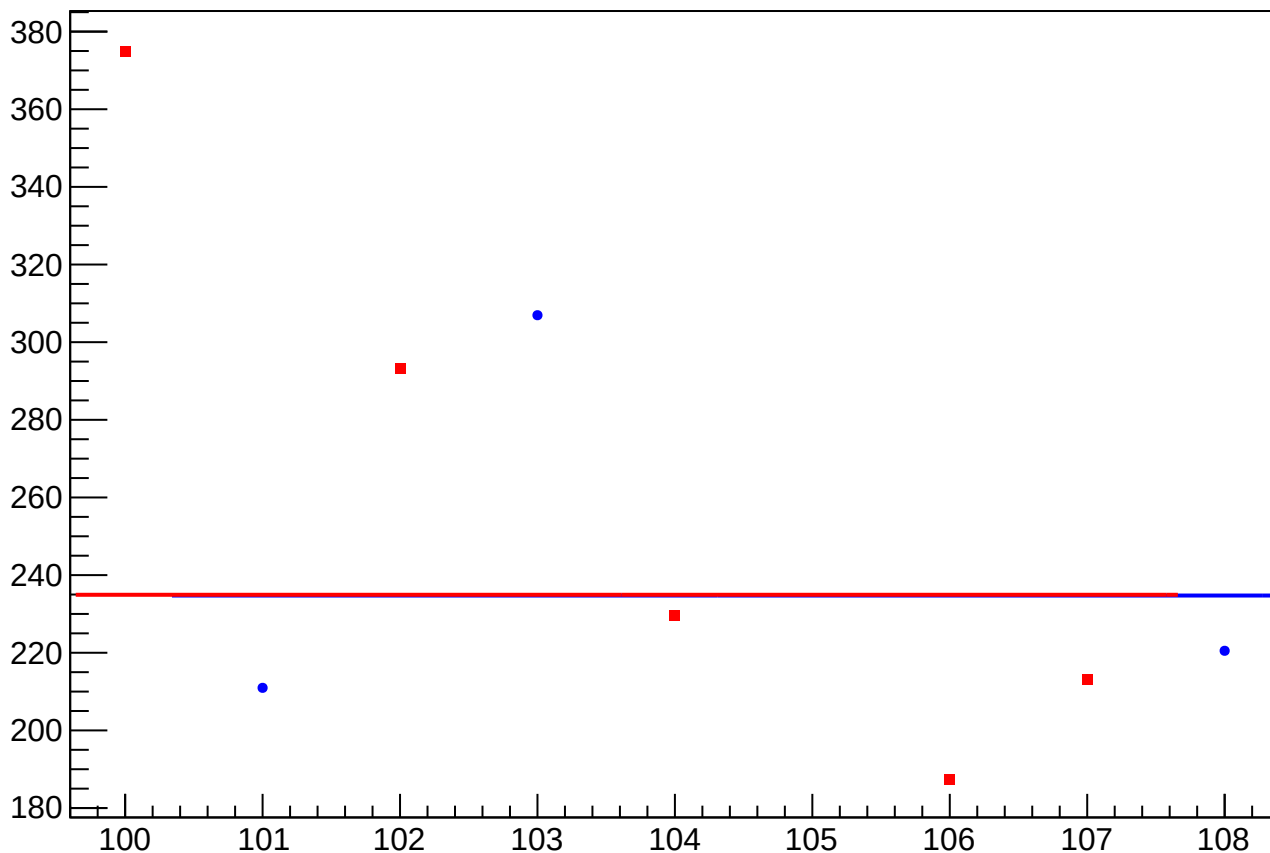
Right: 158.994+/-130.874 χ^2/NDF : 3.0/7

In: 16.210+/-186.772 χ^2/NDF : 1.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.994+/-130.874 χ^2/NDF : 3.0/7

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 234.742 $\pm$ 0.132 χ^2 /NDF: 85370.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 234.934 $\pm$ 0.130 χ^2 /NDF: 108705.9/4

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

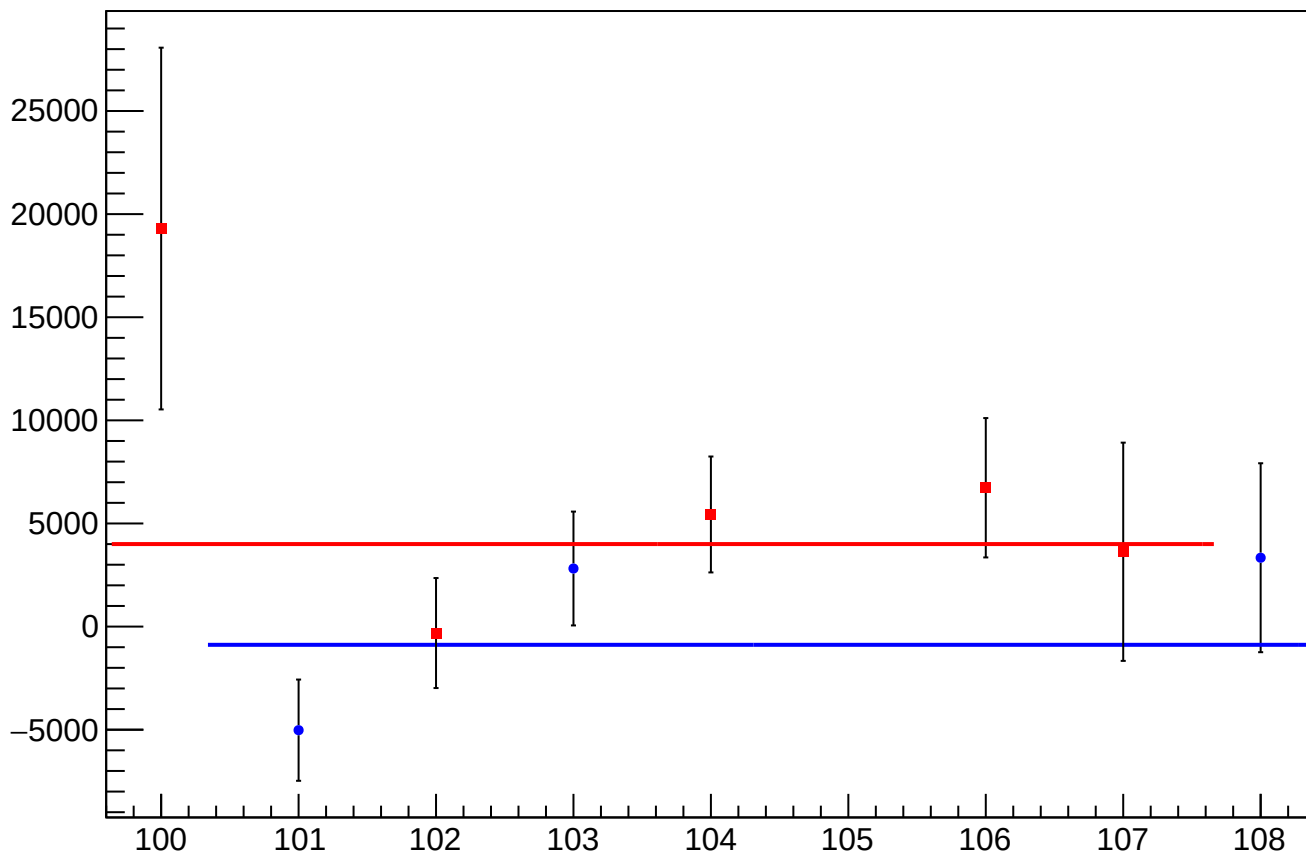
Right: 234.840 $\pm$ 0.093 χ^2 /NDF: 194077.4/7

In: 234.742 $\pm$ 0.132 χ^2 /NDF:85370.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 234.840 $\pm$ 0.093 χ^2 /NDF: 194077.4/7

asym_sam4_reg_correction_mean vs Slug, Sign Corrected



Right In: -883.883+/-1702.794 χ^2/NDF : 5.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4001.378+/-1574.221 χ^2/NDF : 6.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

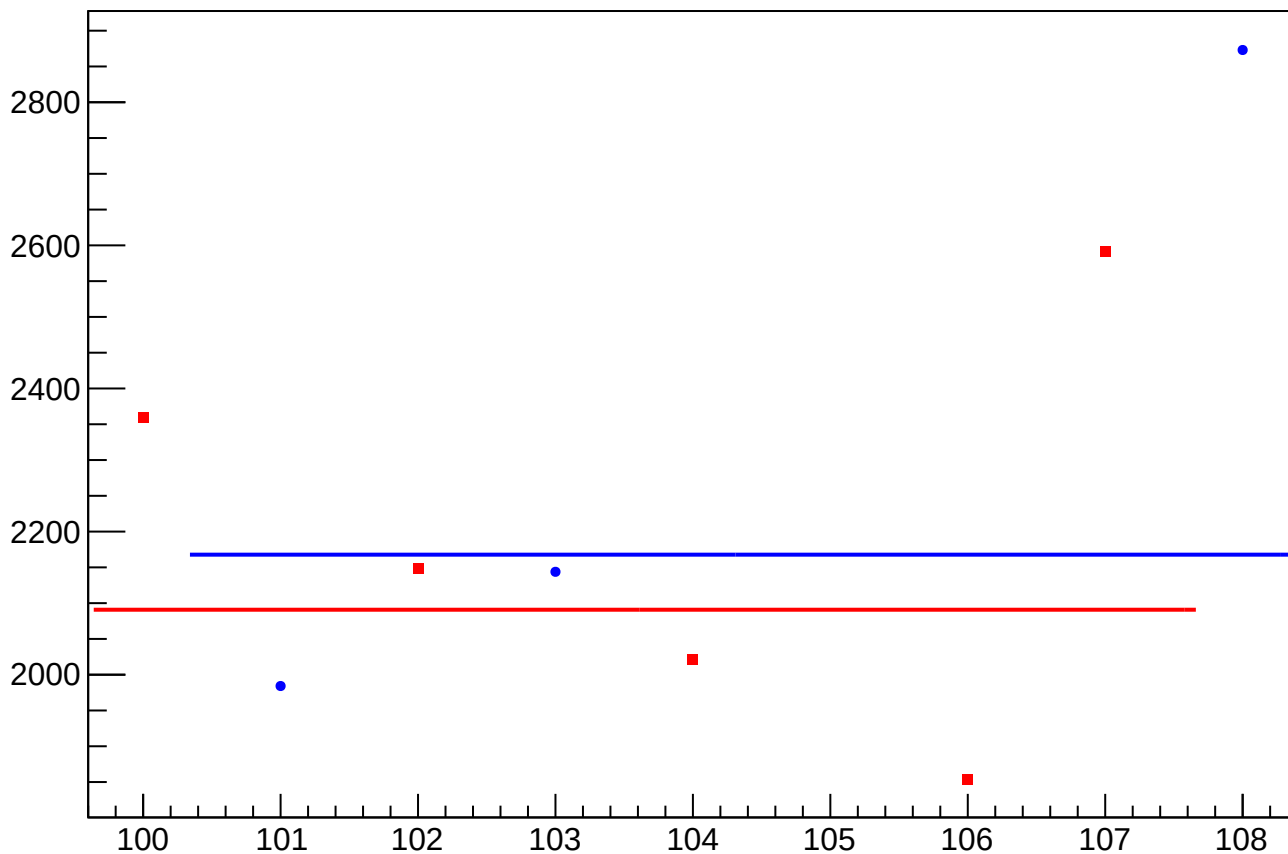
Right: 1750.126+/-1155.927 χ^2/NDF : 16.5/7

In: -883.883+/-1702.794 χ^2/NDF : 5.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1750.126+/-1155.927 χ^2/NDF : 16.5/7

asym_sam4_reg_correction_rms vs Slug, Sign Corrected



Right In: 2167.752+/-1.204 χ^2/NDF : 58742.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2090.807+/-1.113 χ^2/NDF : 31831.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

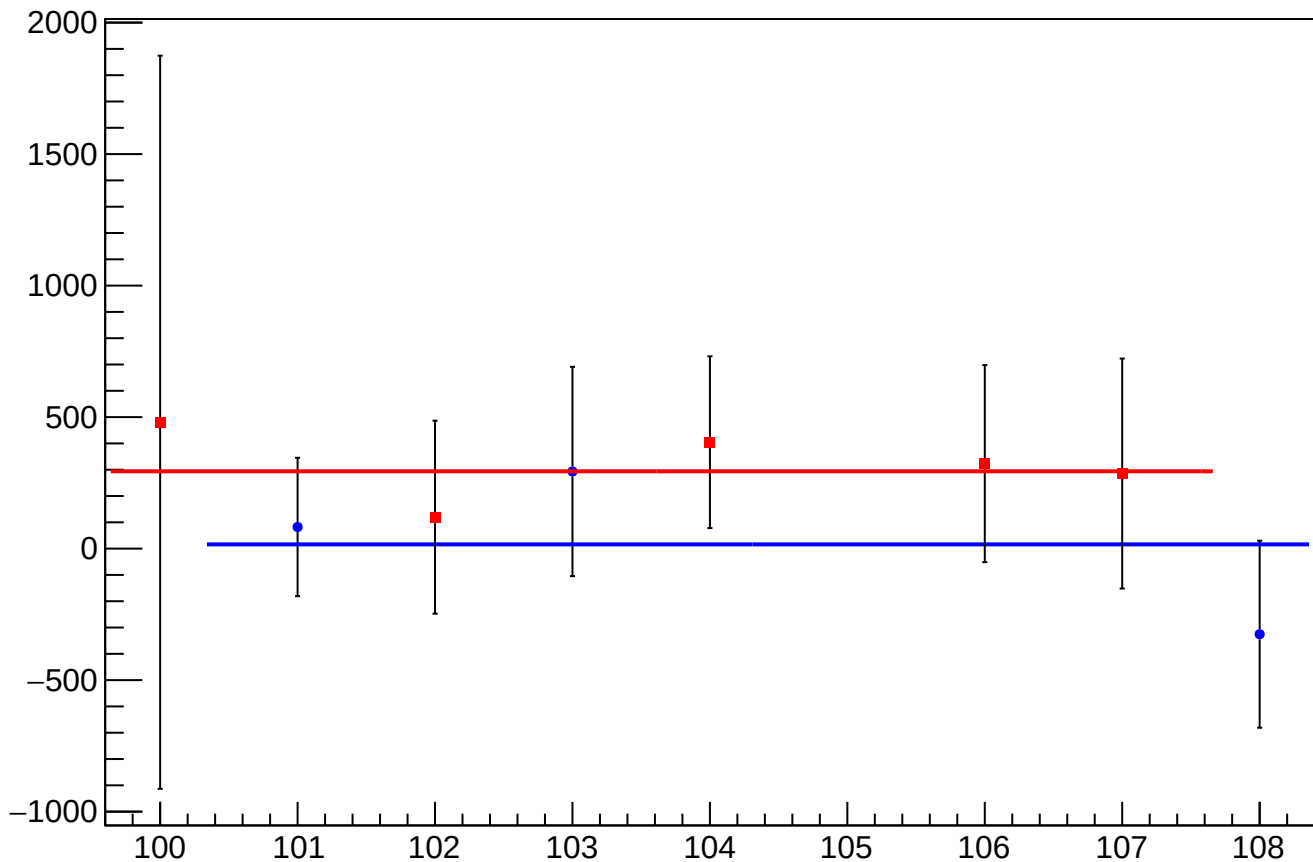
Right: 2126.265+/-0.817 χ^2/NDF : 92775.8/7

In: 2167.752+/-1.204 χ^2/NDF : 58742.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2126.265+/-0.817 χ^2/NDF : 92775.8/7

cor_asym_sam4_mean vs Slug, Sign Corrected



Right In: 16.180+/-186.773 χ^2/NDF : 1.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 293.976+/-183.566 χ^2/NDF : 0.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

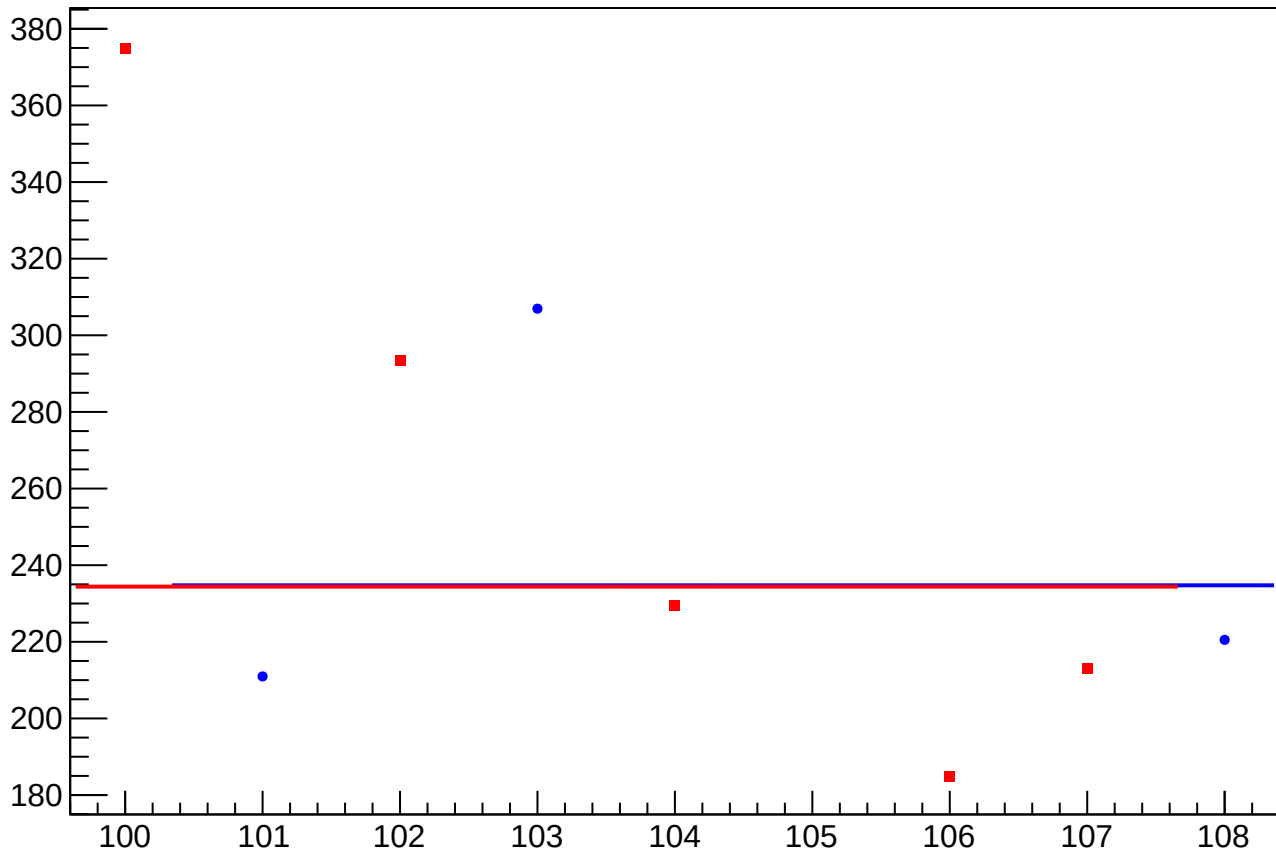
Right: 157.483+/-130.920 χ^2/NDF : 3.0/7

In: 16.180+/-186.773 χ^2/NDF : 1.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.483+/-130.920 χ^2/NDF : 3.0/7

cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 234.742 $\pm$ 0.132 χ^2 /NDF: 85372.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 234.404 $\pm$ 0.130 χ^2 /NDF: 112221.1/4

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

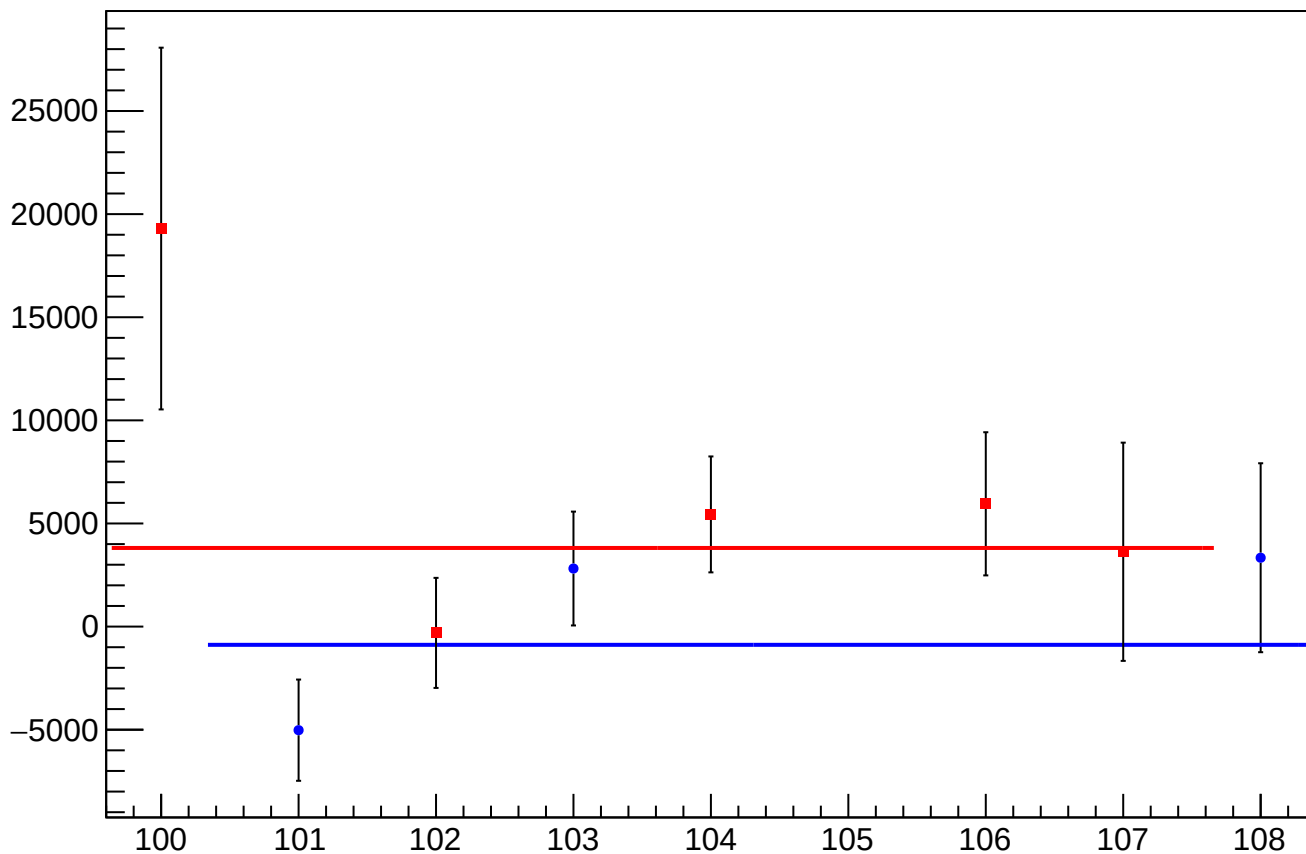
Right: 234.570 $\pm$ 0.093 χ^2 /NDF: 197597.3/7

In: 234.742 $\pm$ 0.132 χ^2 /NDF:85372.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 234.570 $\pm$ 0.093 χ^2 /NDF: 197597.3/7

asym_sam4_cor_correction_mean vs Slug, Sign Corrected



Right In: -884.475+/-1702.843 χ^2/NDF : 5.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3812.552+/-1583.504 χ^2/NDF : 6.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

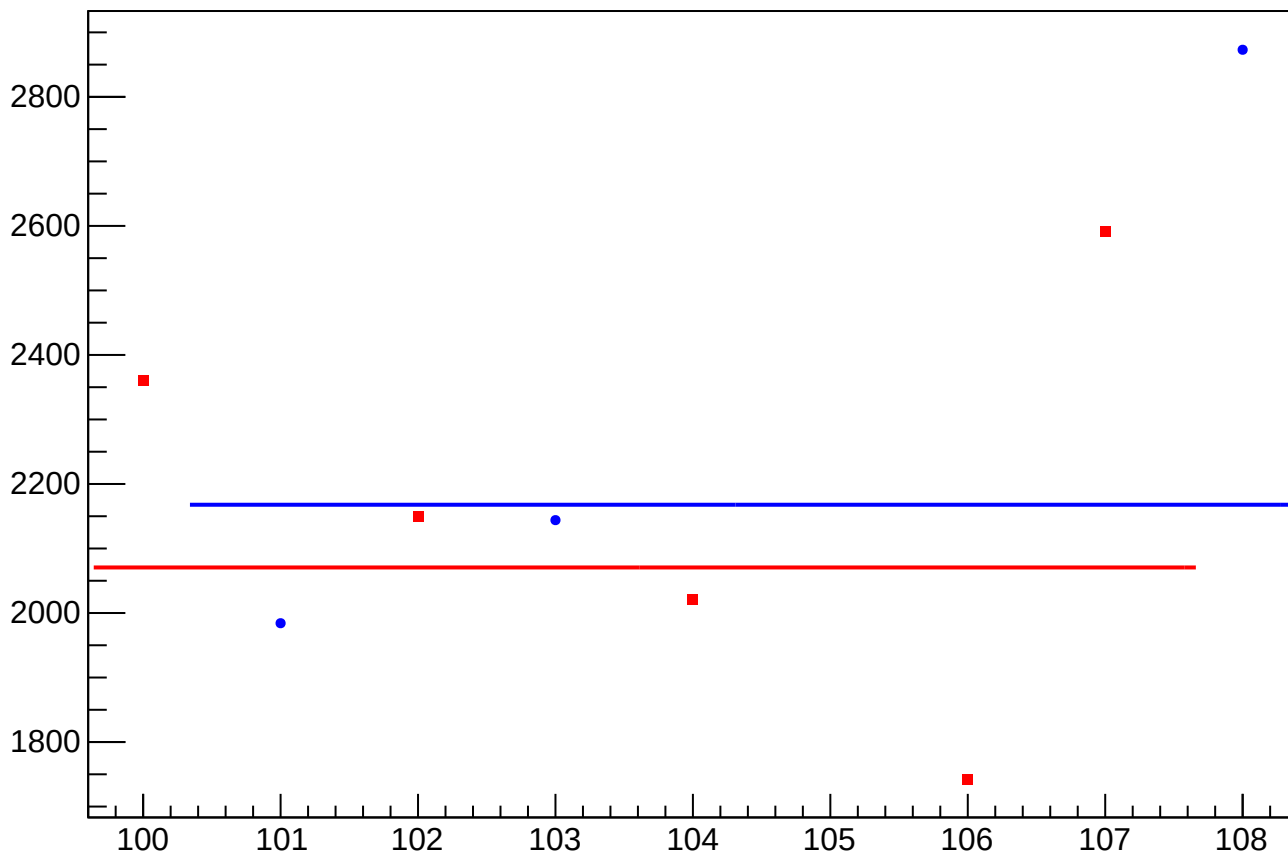
Right: 1634.380+/-1159.603 χ^2/NDF : 15.8/7

In: -884.475+/-1702.843 χ^2/NDF : 5.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1634.380+/-1159.603 χ^2/NDF : 15.8/7

asym_sam4_cor_correction_rms vs Slug, Sign Corrected



Right In: 2167.816+/-1.204 χ^2/NDF : 58740.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2070.600+/-1.120 χ^2/NDF : 41869.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

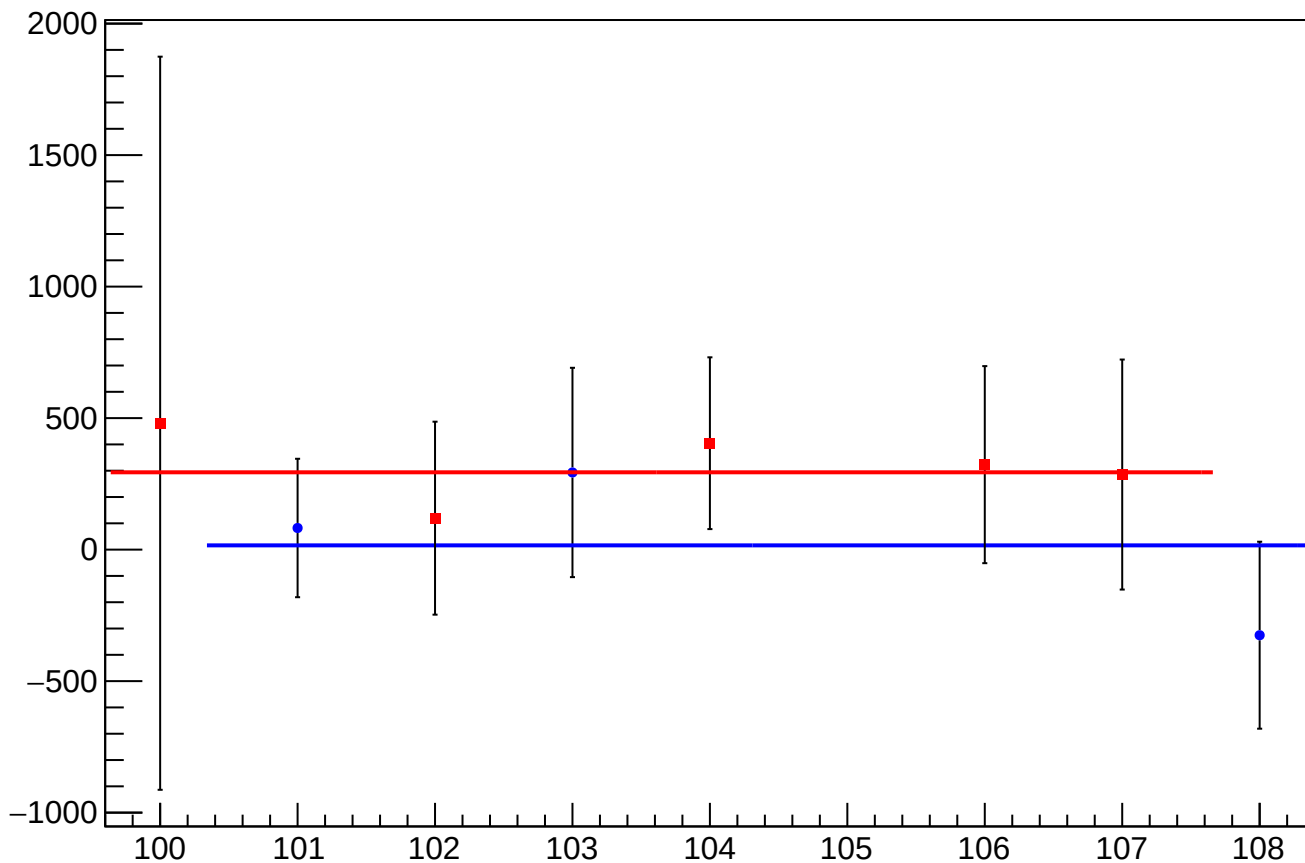
Right: 2115.682+/-0.820 χ^2/NDF : 104106.4/7

In: 2167.816+/-1.204 χ^2/NDF : 58740.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2115.682+/-0.820 χ^2/NDF : 104106.4/7

eigen_cor_asym_sam4_mean vs Slug, Sign Corrected



Right In: 16.180 $\pm$ 186.773 χ^2 /NDF: 1.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 293.976 $\pm$ 183.566 χ^2 /NDF: 0.4/4

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

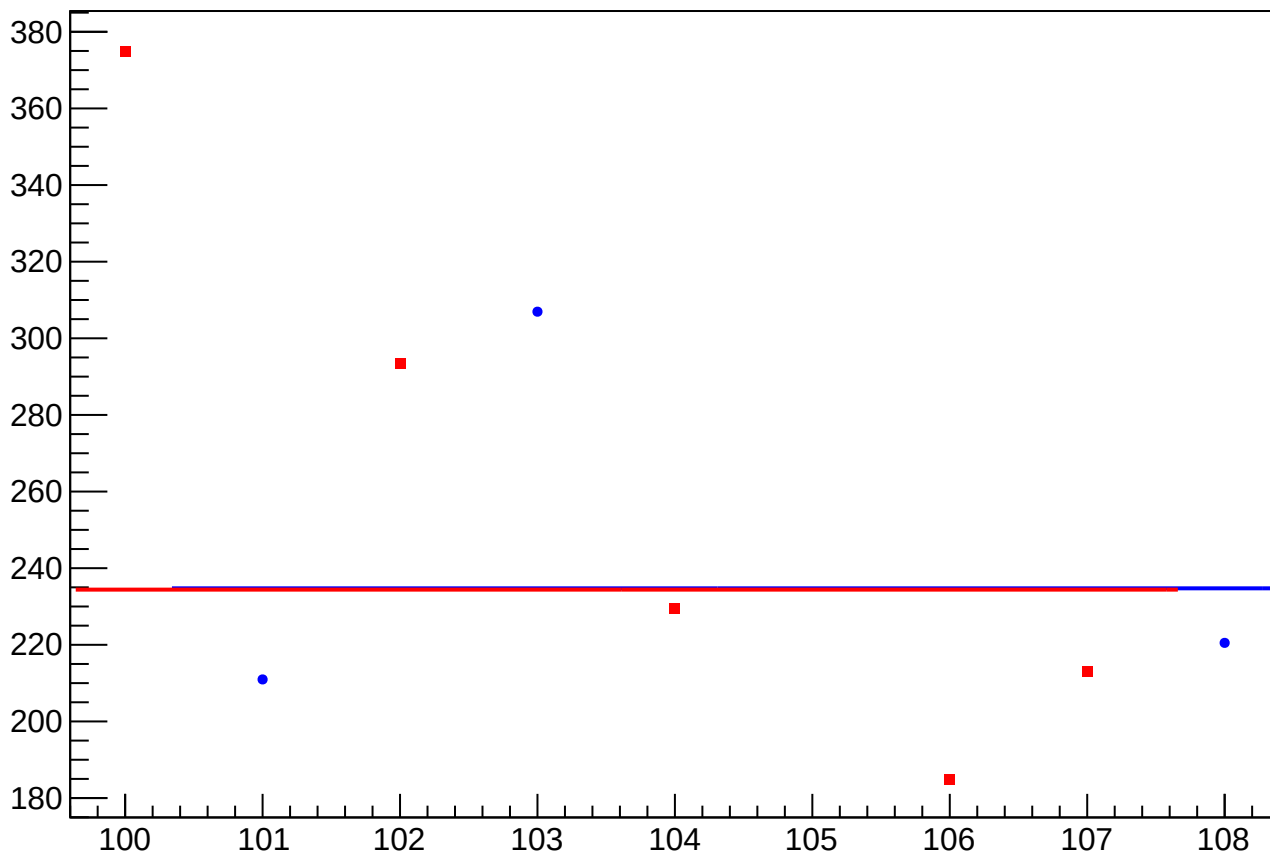
Right: 157.483 $\pm$ 130.920 χ^2 /NDF: 3.0/7

In: 16.180 $\pm$ 186.773 χ^2 /NDF: 1.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 157.483 $\pm$ 130.920 χ^2 /NDF: 3.0/7

eigen_cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 234.742 $\pm$ 0.132 χ^2 /NDF: 85372.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 234.404 $\pm$ 0.130 χ^2 /NDF: 112221.1/4

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

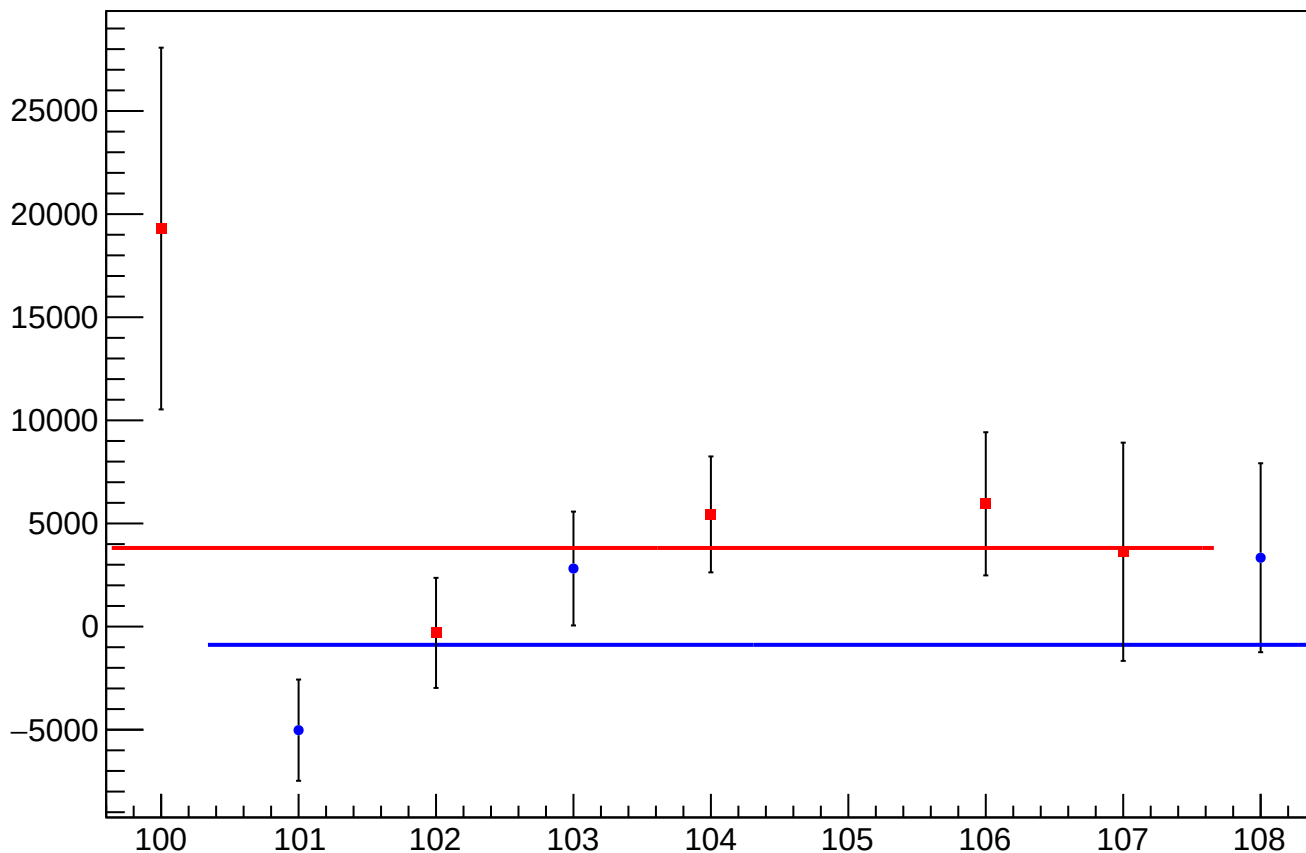
Right: 234.570 $\pm$ 0.093 χ^2 /NDF: 197597.3/7

In: 234.742 $\pm$ 0.132 χ^2 /NDF:85372.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 234.570 $\pm$ 0.093 χ^2 /NDF: 197597.3/7

asym_sam4_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -884.475+/-1702.843 χ^2/NDF : 5.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3812.552+/-1583.504 χ^2/NDF : 6.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

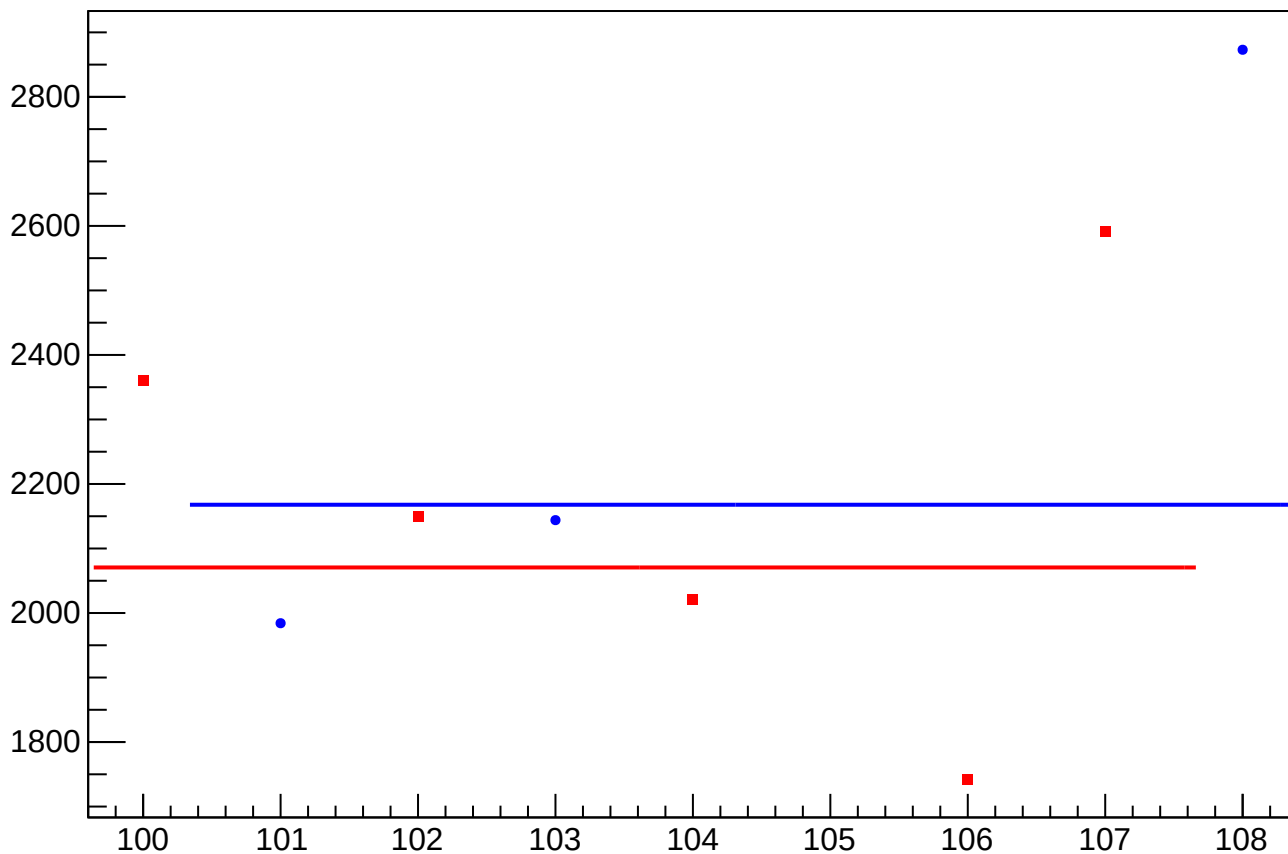
Right: 1634.380+/-1159.603 χ^2/NDF : 15.8/7

In: -884.475+/-1702.843 χ^2/NDF : 5.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1634.380+/-1159.603 χ^2/NDF : 15.8/7

asym_sam4_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2167.816+/-1.204 χ^2/NDF : 58740.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2070.600+/-1.120 χ^2/NDF : 41869.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

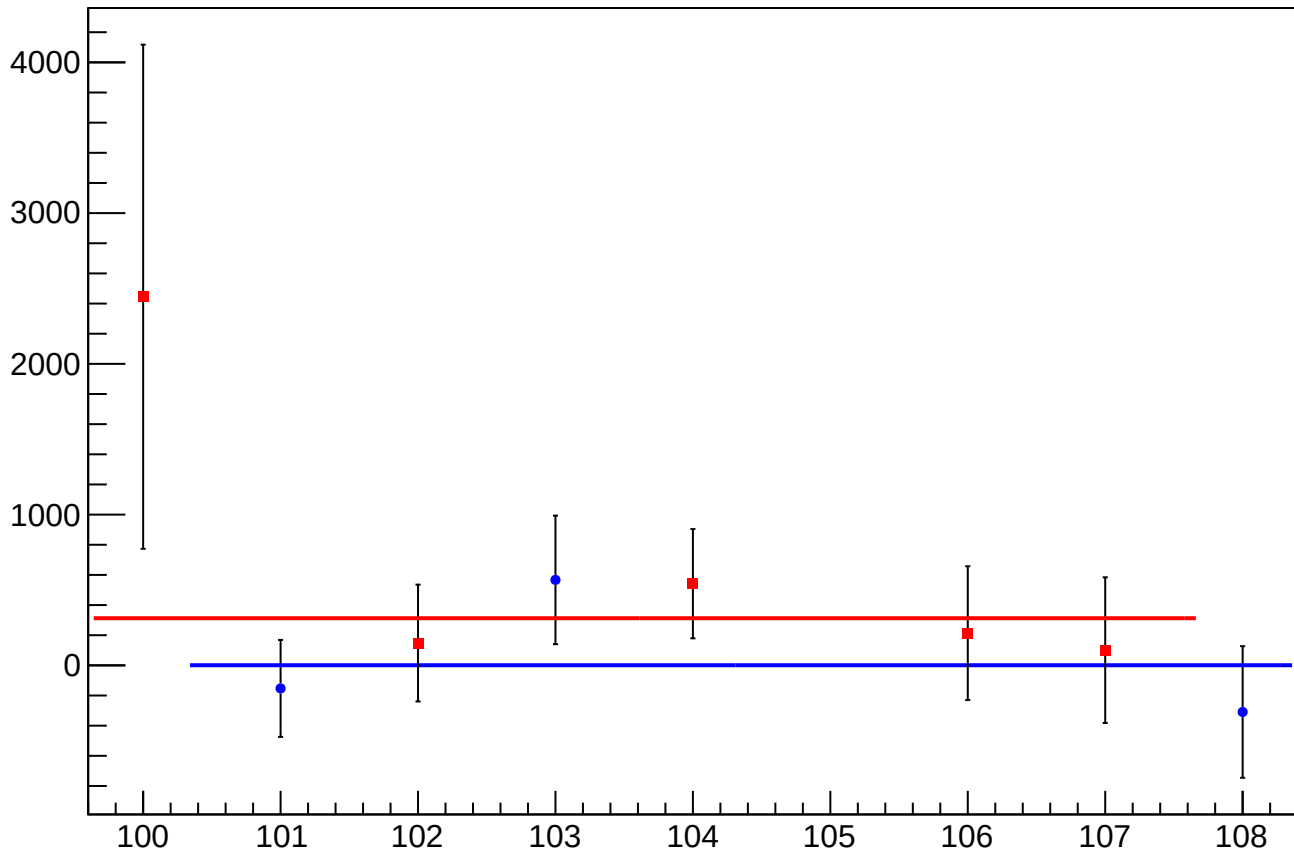
Right: 2115.682+/-0.820 χ^2/NDF : 104106.4/7

In: 2167.816+/-1.204 χ^2/NDF : 58740.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2115.682+/-0.820 χ^2/NDF : 104106.4/7

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 0.897+/-221.345 χ^2/NDF : 2.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 312.710+/-204.153 χ^2/NDF : 2.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

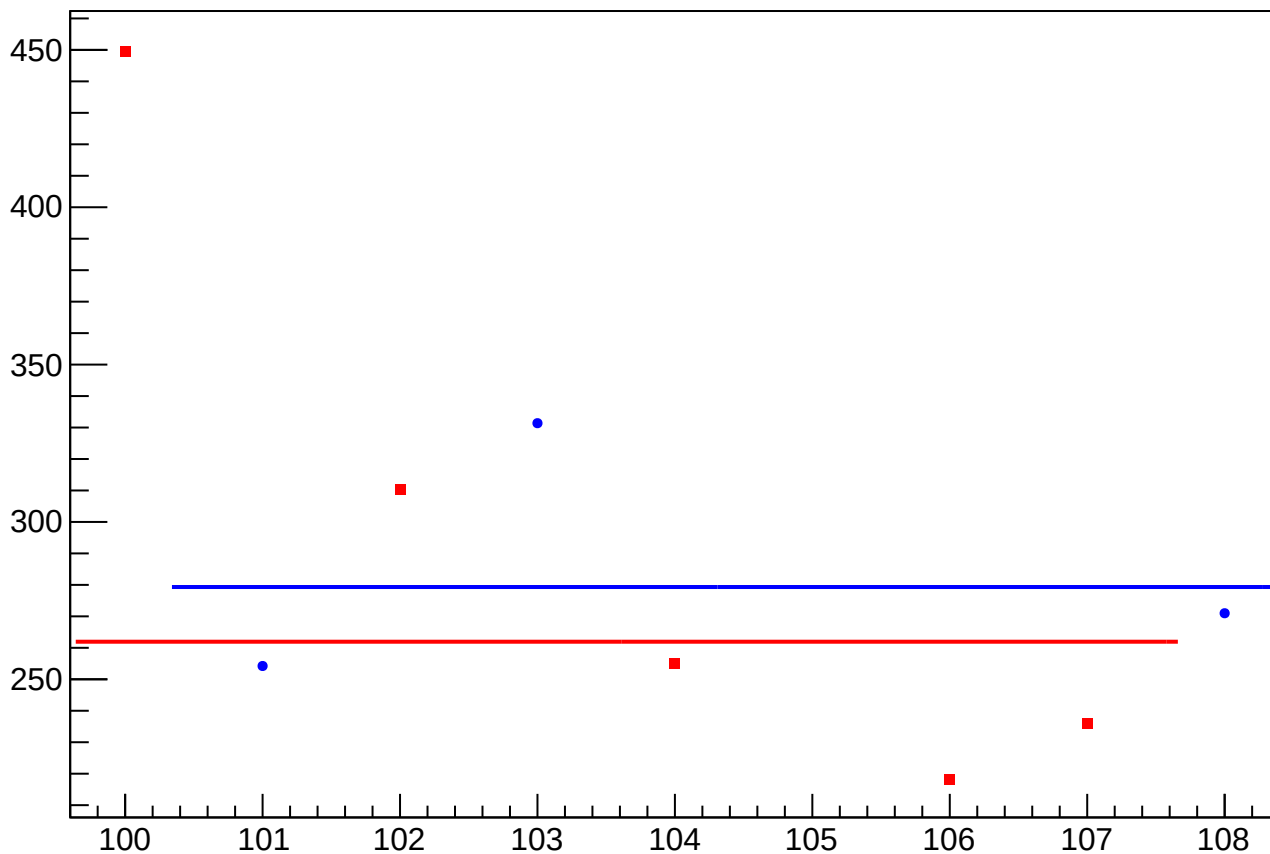
Right: 169.381+/-150.068 χ^2/NDF : 6.0/7

In: 0.897+/-221.345 χ^2/NDF : 2.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.381+/-150.068 χ^2/NDF : 6.0/7

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 279.322+/-0.157 χ^2/NDF : 42712.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 261.940+/-0.144 χ^2/NDF : 82345.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

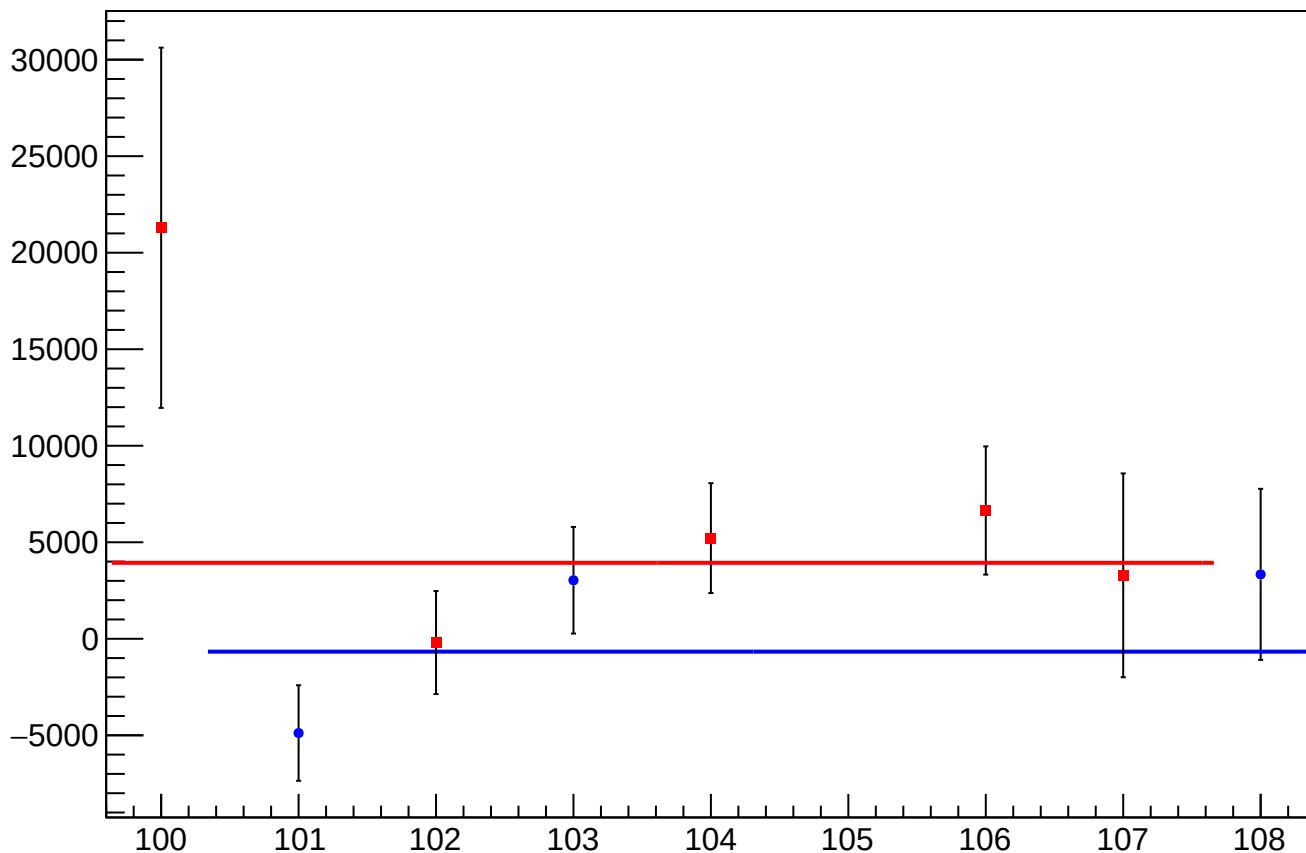
Right: 269.930+/-0.106 χ^2/NDF : 131722.5/7

In: 279.322+/-0.157 χ^2/NDF : 42712.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 269.930+/-0.106 χ^2/NDF : 131722.5/7

asym_sam4_dit_correction_mean vs Slug, Sign Corrected



Right In: -666.470+/-1701.830 χ^2/NDF : 5.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3935.232+/-1577.125 χ^2/NDF : 6.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

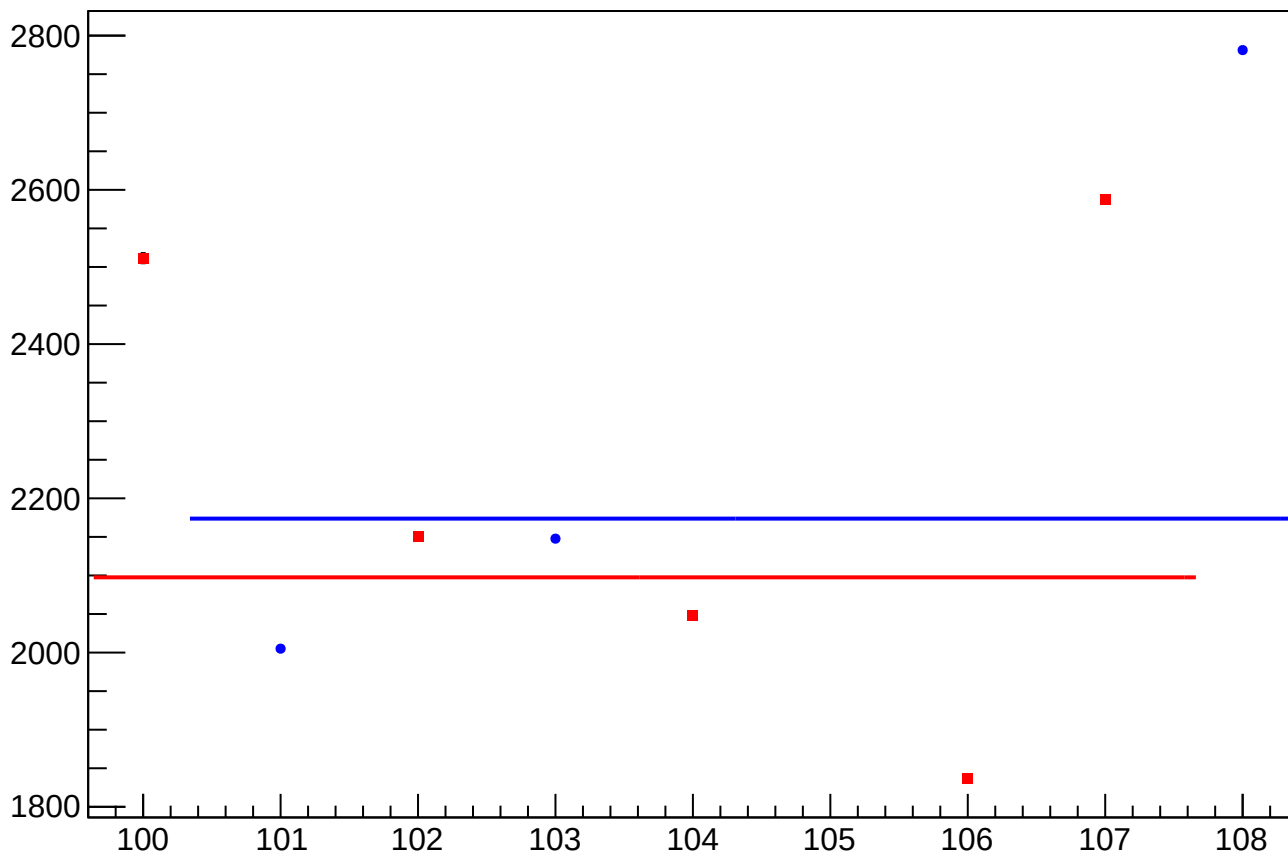
Right: 1809.139+/-1156.772 χ^2/NDF : 16.2/7

In: -666.470+/-1701.830 χ^2/NDF : 5.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1809.139+/-1156.772 χ^2/NDF : 16.2/7

asym_sam4_dit_correction_rms vs Slug, Sign Corrected



Right In: 2173.704 $\pm$ 1.203 χ^2 /NDF: 47061.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2097.559 $\pm$ 1.115 χ^2 /NDF: 34975.6/4

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

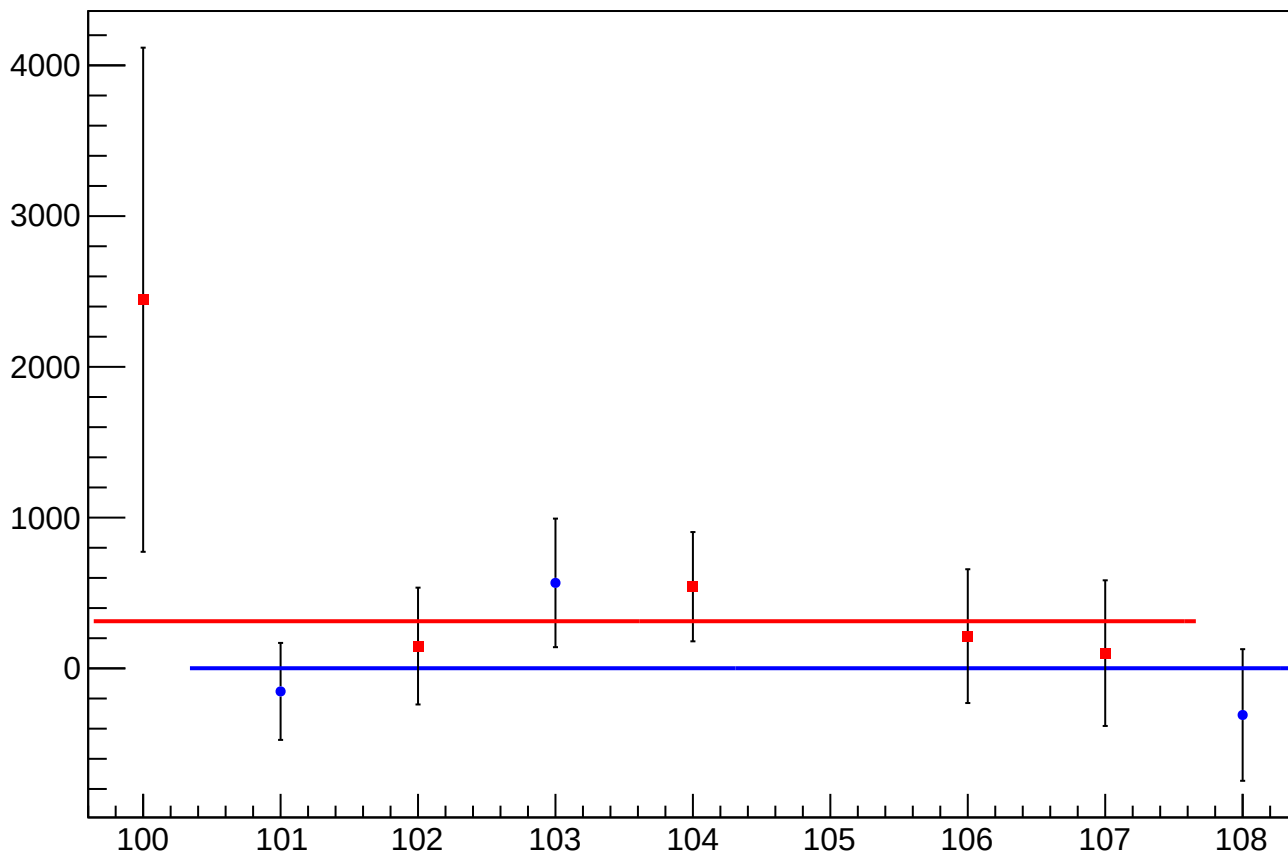
Right: 2132.739 $\pm$ 0.818 χ^2 /NDF: 84190.9/7

In: 2173.704 $\pm$ 1.203 χ^2 /NDF: 47061.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2132.739 $\pm$ 0.818 χ^2 /NDF: 84190.9/7

eigen_dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 0.899+/-221.346 χ^2/NDF : 2.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 312.708+/-204.153 χ^2/NDF : 2.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

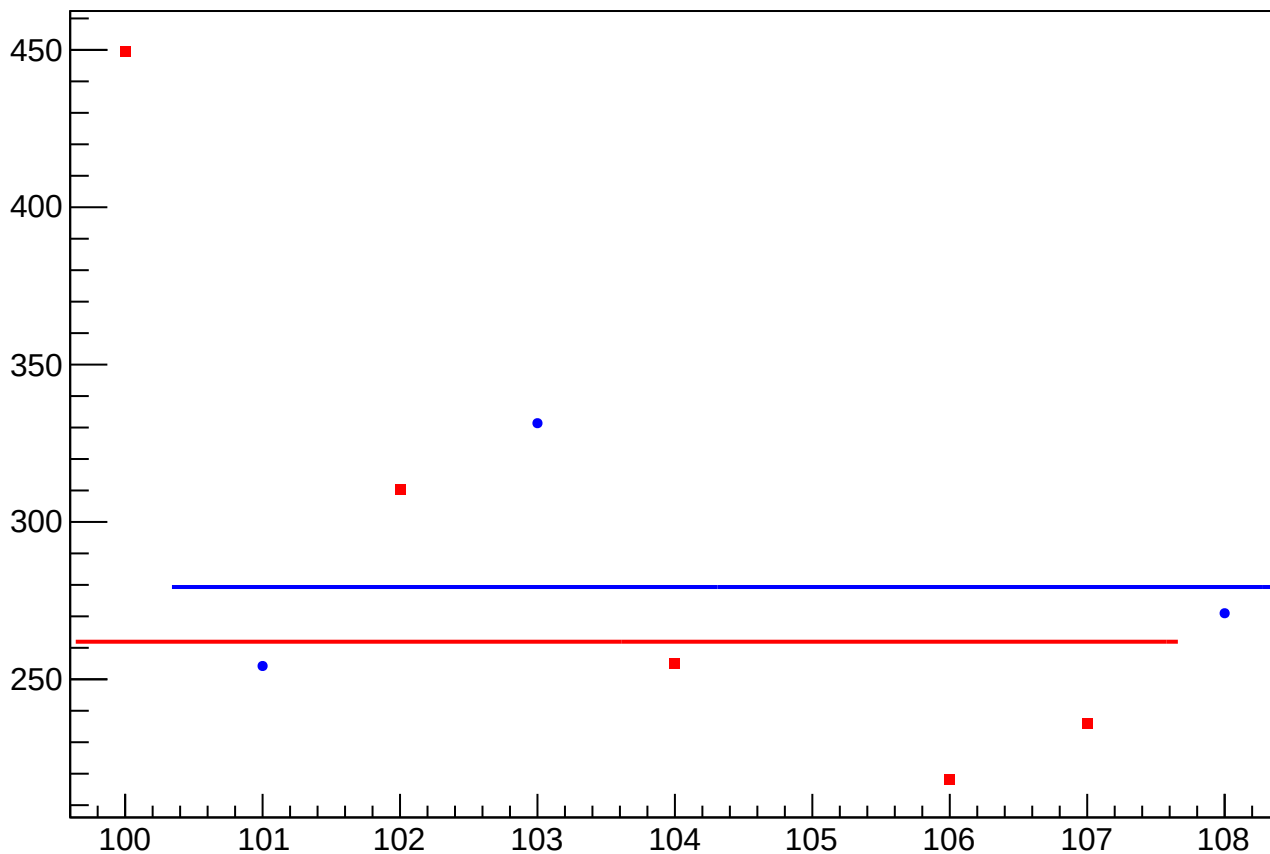
Right: 169.382+/-150.069 χ^2/NDF : 6.0/7

In: 0.899+/-221.346 χ^2/NDF : 2.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.382+/-150.069 χ^2/NDF : 6.0/7

eigen_dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 279.323+/-0.157 χ^2/NDF : 42711.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 261.941+/-0.144 χ^2/NDF : 82344.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

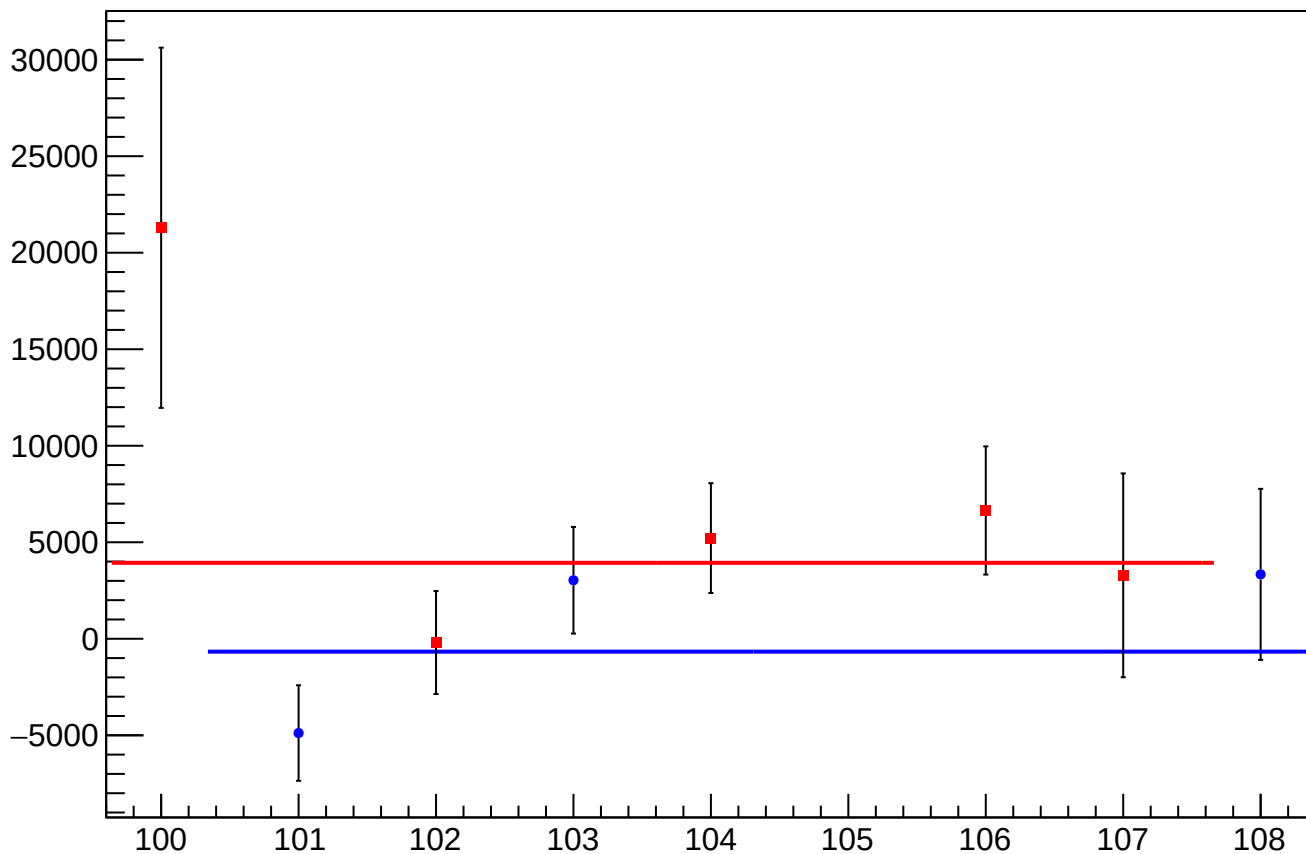
Right: 269.931+/-0.106 χ^2/NDF : 131720.7/7

In: 279.323+/-0.157 χ^2/NDF : 42711.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 269.931+/-0.106 χ^2/NDF : 131720.7/7

asym_sam4_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -666.471+/-1701.830 χ^2/NDF : 5.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3935.234+/-1577.126 χ^2/NDF : 6.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

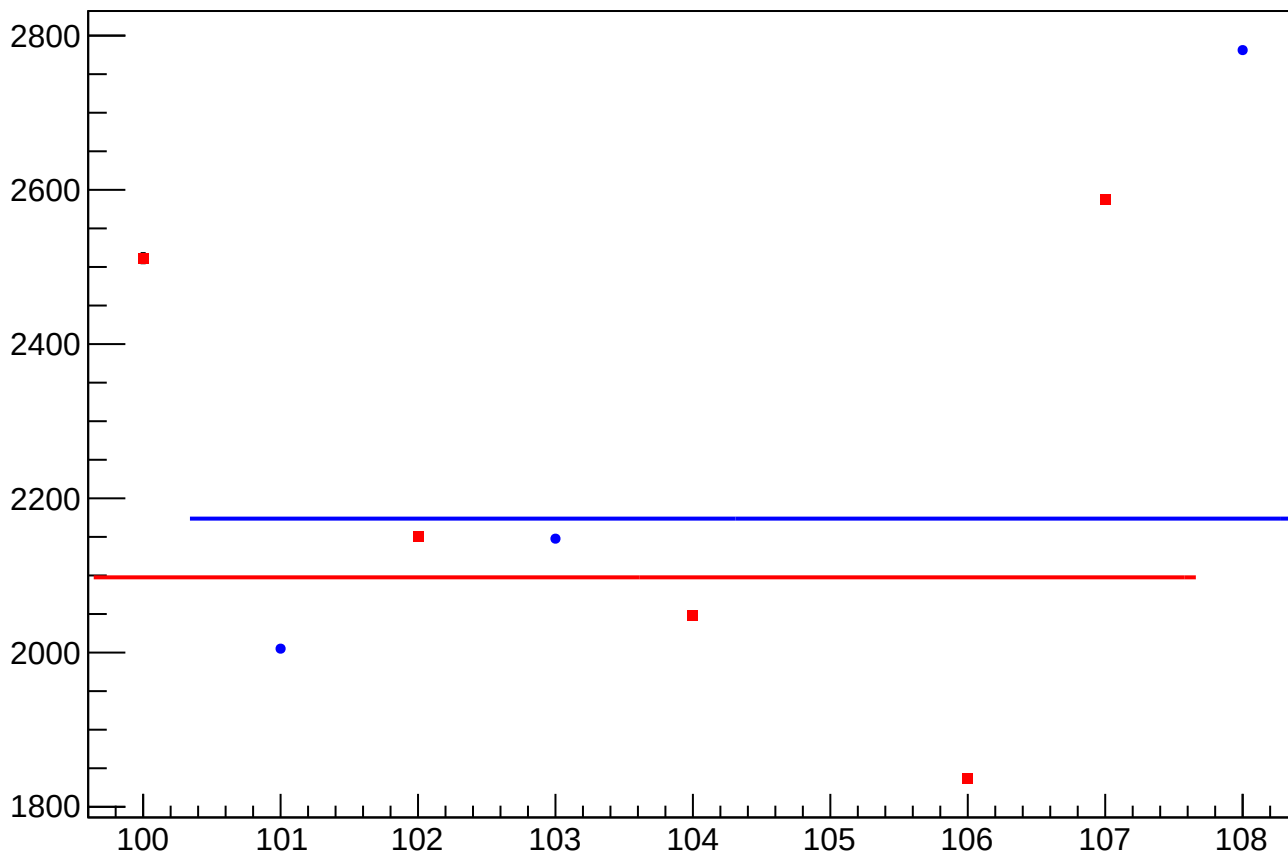
Right: 1809.140+/-1156.773 χ^2/NDF : 16.2/7

In: -666.471+/-1701.830 χ^2/NDF : 5.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1809.140+/-1156.773 χ^2/NDF : 16.2/7

asym_sam4_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2173.705 $\pm$ 1.203 χ^2 /NDF: 47060.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2097.559 $\pm$ 1.115 χ^2 /NDF: 34975.9/4

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

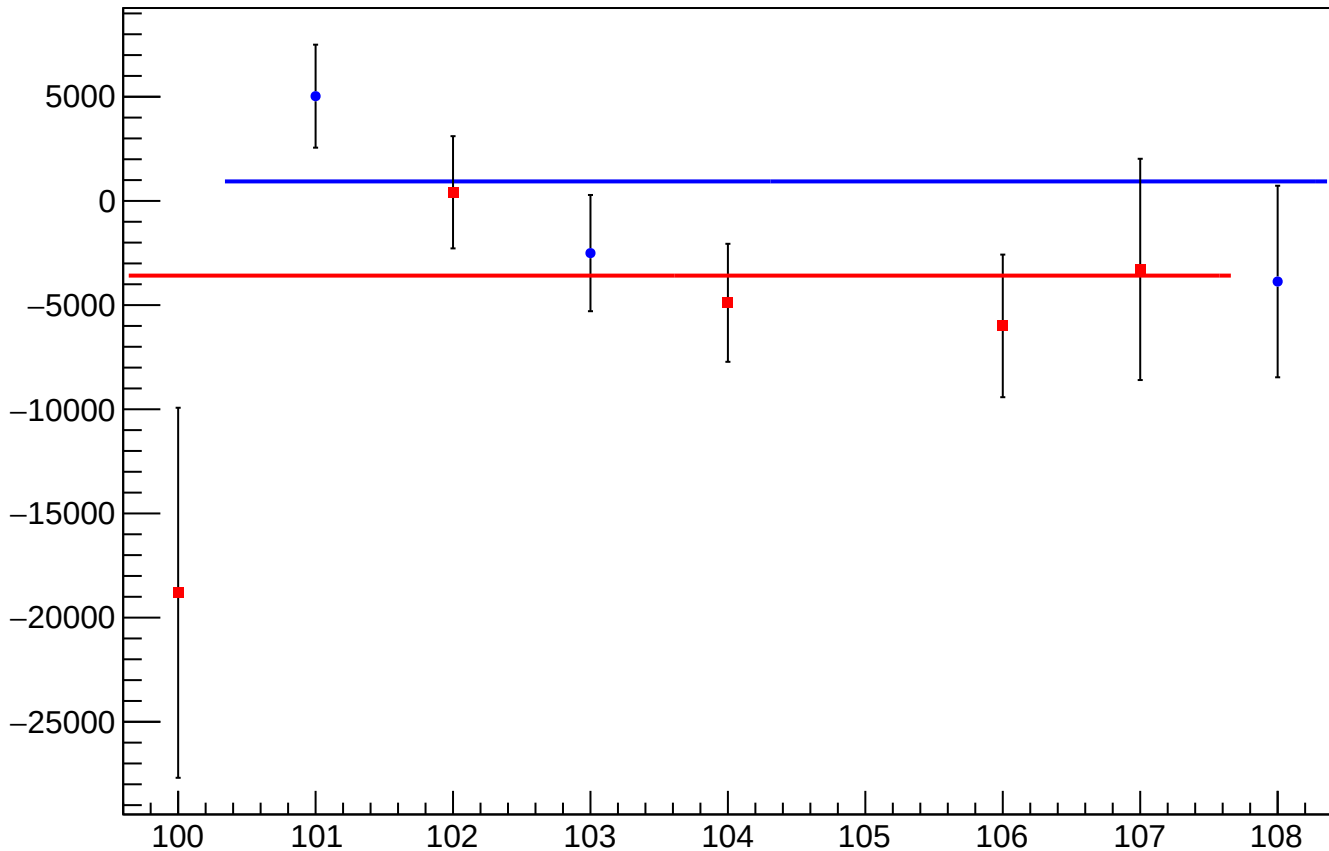
Right: 2132.740 $\pm$ 0.818 χ^2 /NDF: 84190.8/7

In: 2173.705 $\pm$ 1.203 χ^2 /NDF:47060.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2132.740 $\pm$ 0.818 χ^2 /NDF: 84190.8/7

asym_sam4_mean vs Slug, Sign Corrected



Right In: 936.852+/-1716.172 χ^2/NDF : 5.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3584.261+/-1588.947 χ^2/NDF : 5.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

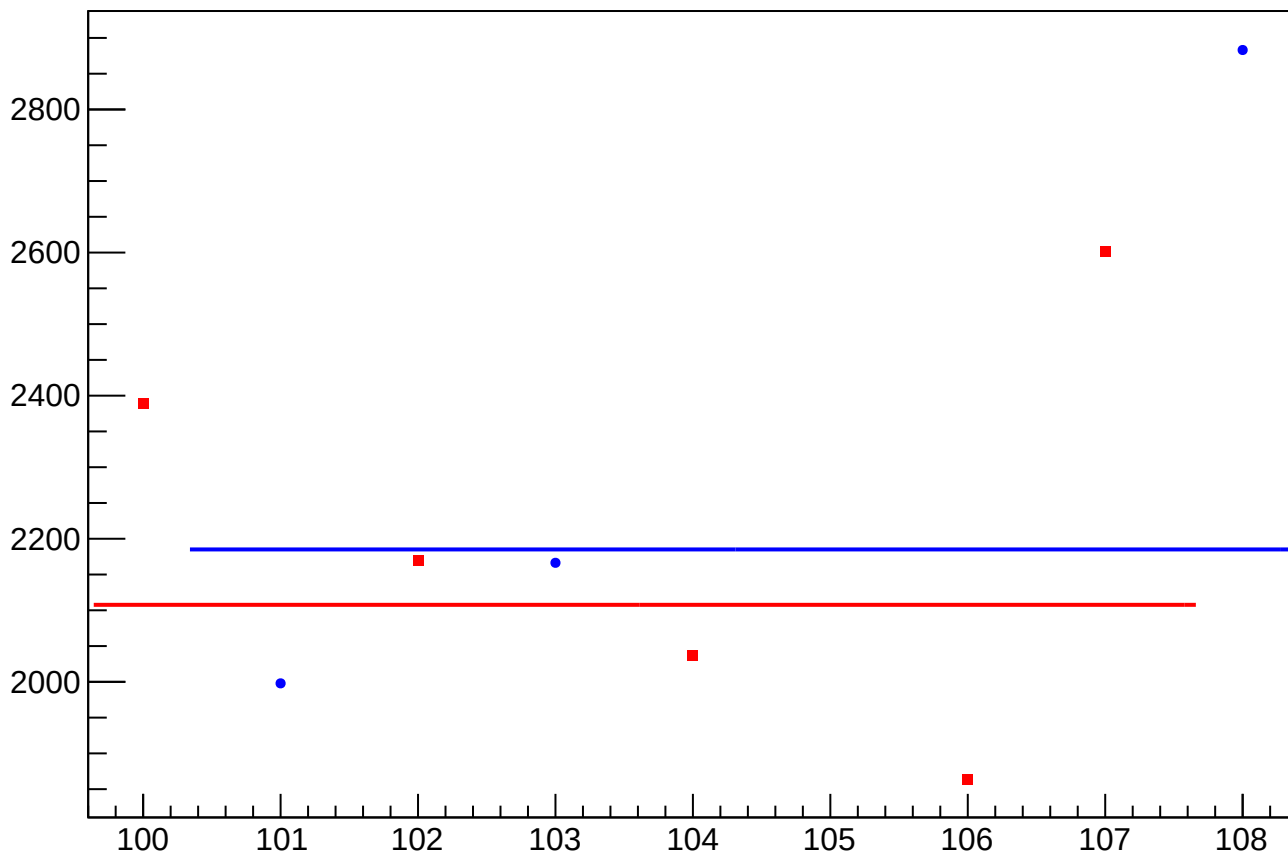
Right: -1497.480+/-1165.941 χ^2/NDF : 14.9/7

In: 936.852+/-1716.172 χ^2/NDF : 5.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1497.480+/-1165.941 χ^2/NDF : 14.9/7

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2185.058+/-1.214 χ^2/NDF : 57679.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2107.641+/-1.124 χ^2/NDF : 31758.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

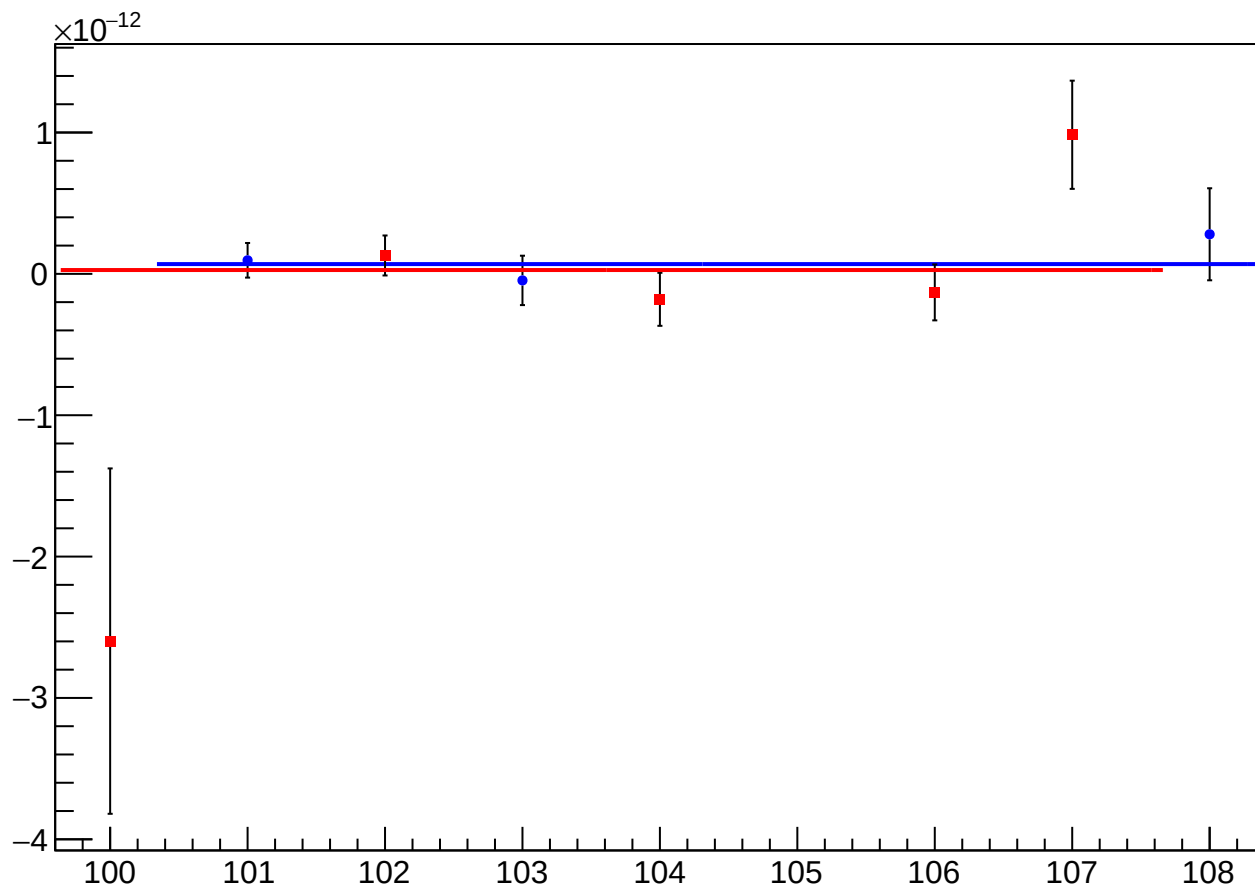
Right: 2143.374+/-0.824 χ^2/NDF : 91628.5/7

In: 2185.058+/-1.214 χ^2/NDF : 57679.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2143.374+/-0.824 χ^2/NDF : 91628.5/7

asym_sam4_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

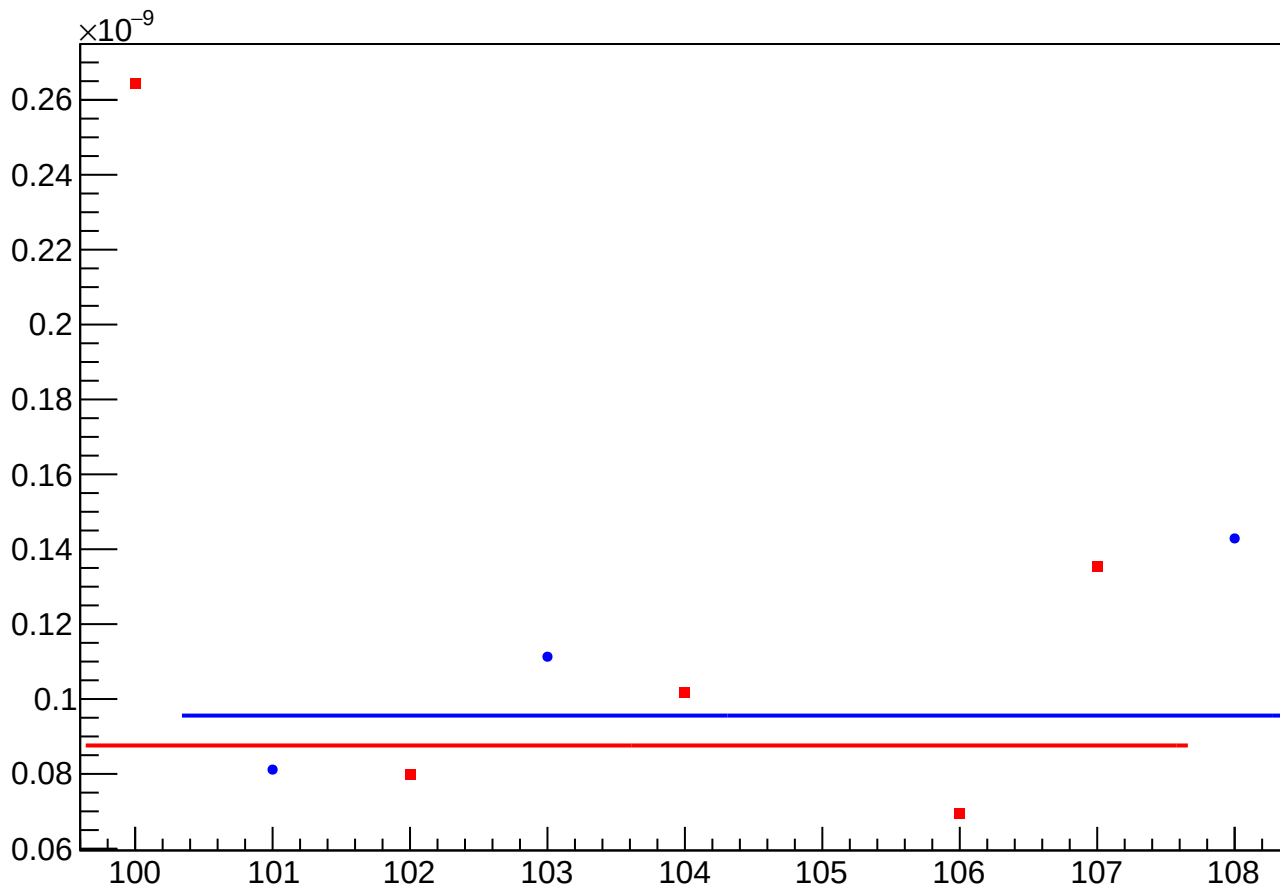
Right: 0.000+/-0.000 χ^2/NDF : 14.3/7

In: 0.000+/-0.000 χ^2/NDF : 0.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.3/7

asym_sam4_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 86184.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 107378.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

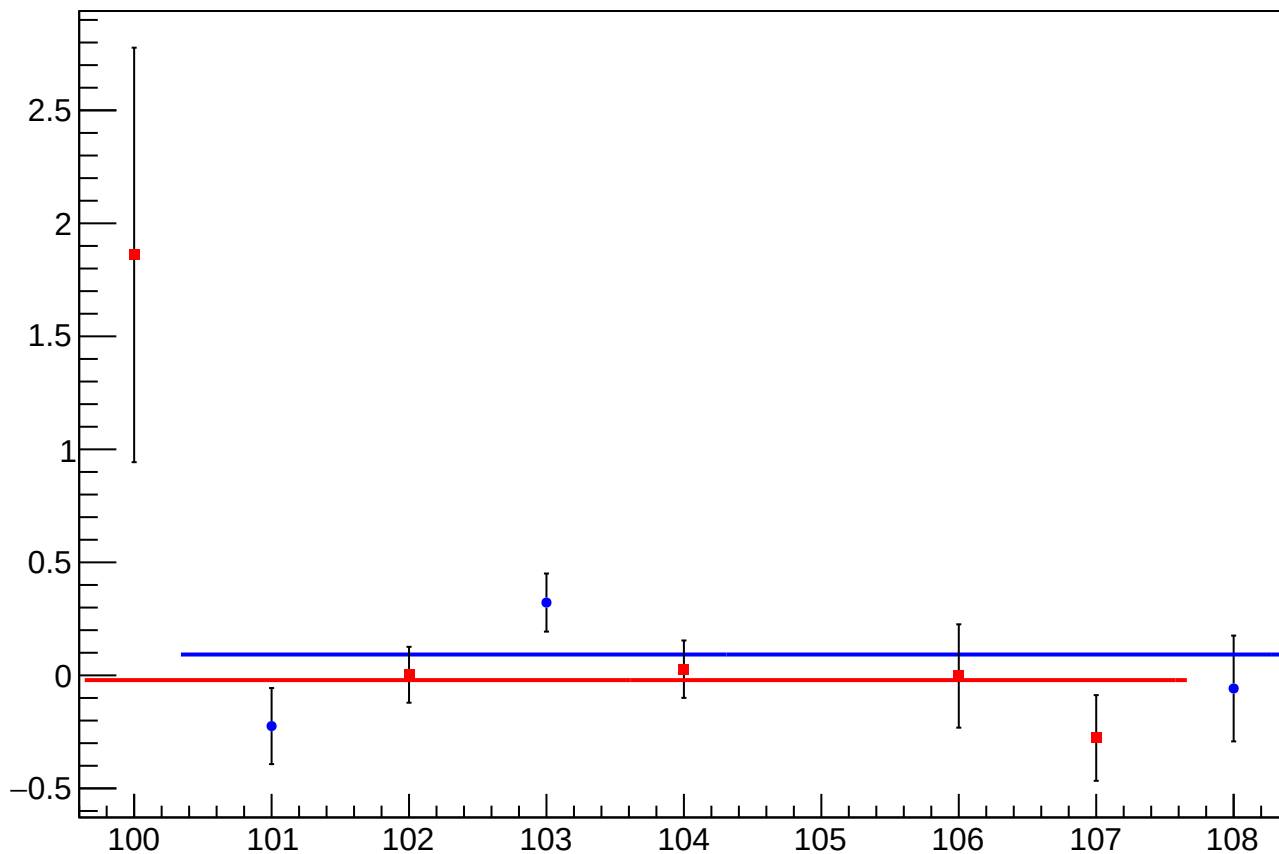
Right: 0.000+/-0.000 χ^2/NDF : 200585.1/7

In: 0.000+/-0.000 χ^2/NDF : 86184.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 200585.1/7

asym_sam4_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.092 $\pm$ 0.094 χ^2 /NDF: 7.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.021 $\pm$ 0.075 χ^2 /NDF: 6.2/4

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

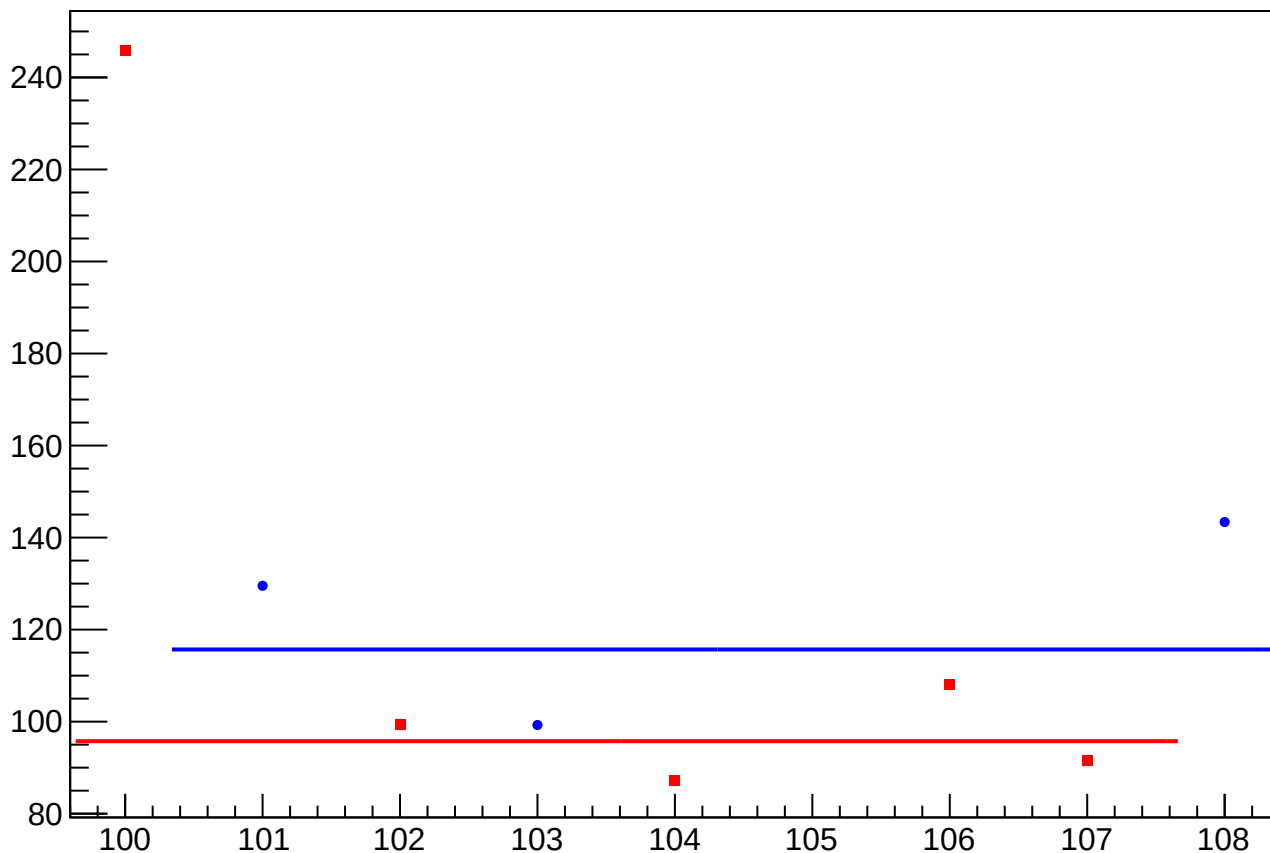
Right: 0.024 $\pm$ 0.059 χ^2 /NDF: 14.3/7

In: 0.092 $\pm$ 0.094 χ^2 /NDF:7.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.024 $\pm$ 0.059 χ^2 /NDF: 14.3/7

asym_sam4_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 115.687+/-0.066 χ^2/NDF : 74161.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.754+/-0.053 χ^2/NDF : 70943.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

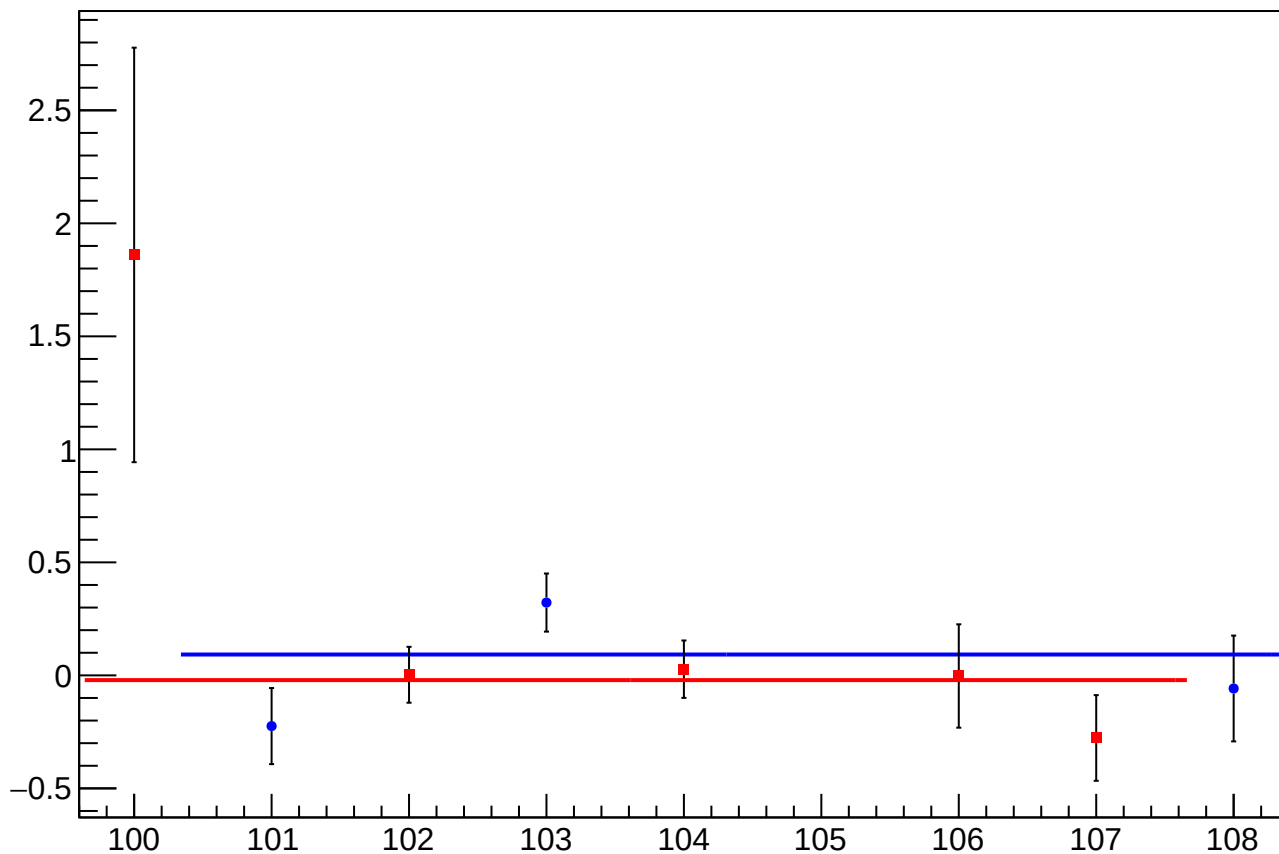
Right: 103.604+/-0.042 χ^2/NDF : 200055.2/7

In: 115.687+/-0.066 χ^2/NDF : 74161.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.604+/-0.042 χ^2/NDF : 200055.2/7

asym_sam4_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.092+/-0.094 χ^2/NDF : 7.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.021+/-0.075 χ^2/NDF : 6.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

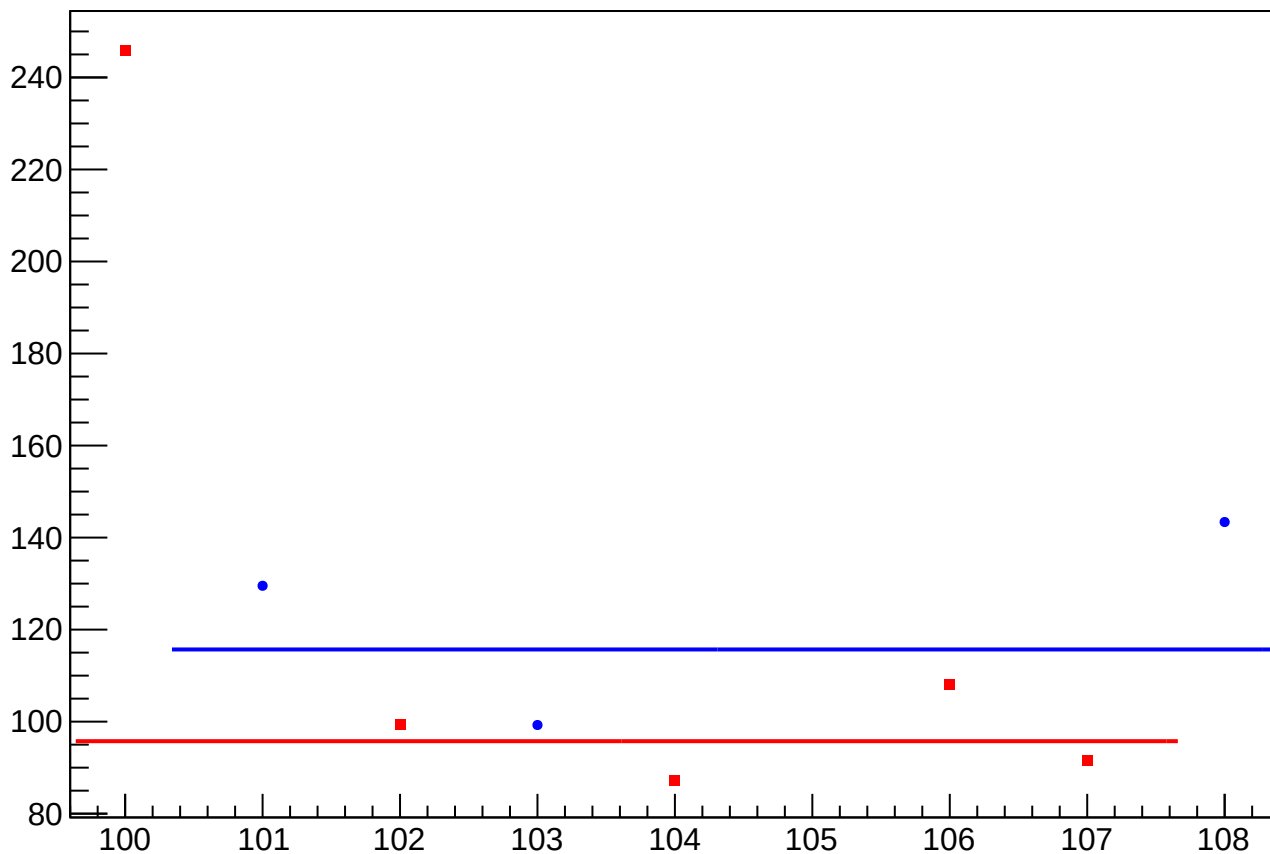
Right: 0.024+/-0.059 χ^2/NDF : 14.3/7

In: 0.092+/-0.094 χ^2/NDF : 7.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.059 χ^2/NDF : 14.3/7

asym_sam4_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 115.687 $\pm$ 0.066 χ^2 /NDF: 74161.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 95.754 $\pm$ 0.053 χ^2 /NDF: 70943.3/4

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

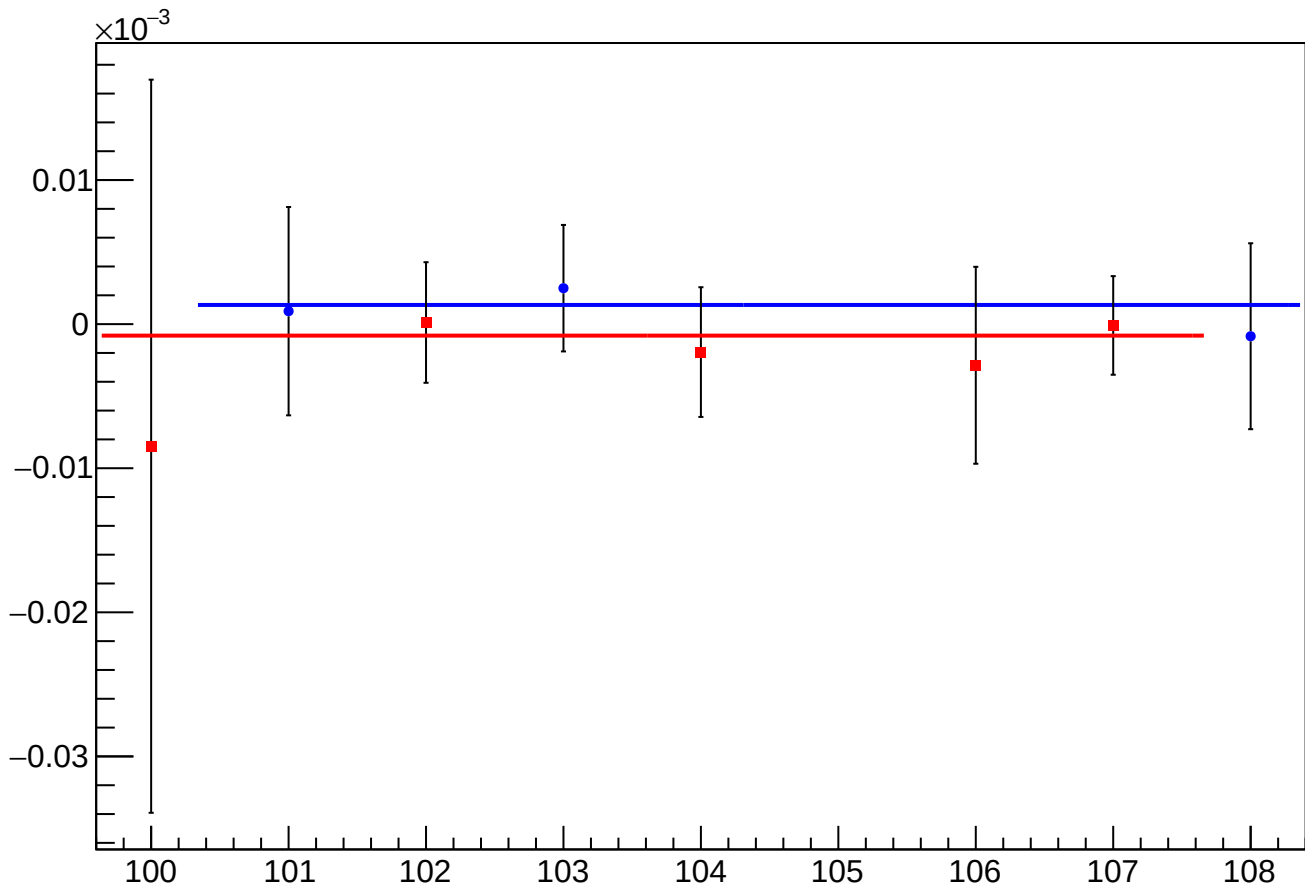
Right: 103.604 $\pm$ 0.042 χ^2 /NDF: 200055.2/7

In: 115.687 $\pm$ 0.066 χ^2 /NDF:74161.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 103.604 $\pm$ 0.042 χ^2 /NDF: 200055.2/7

asym_sam4_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 0.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

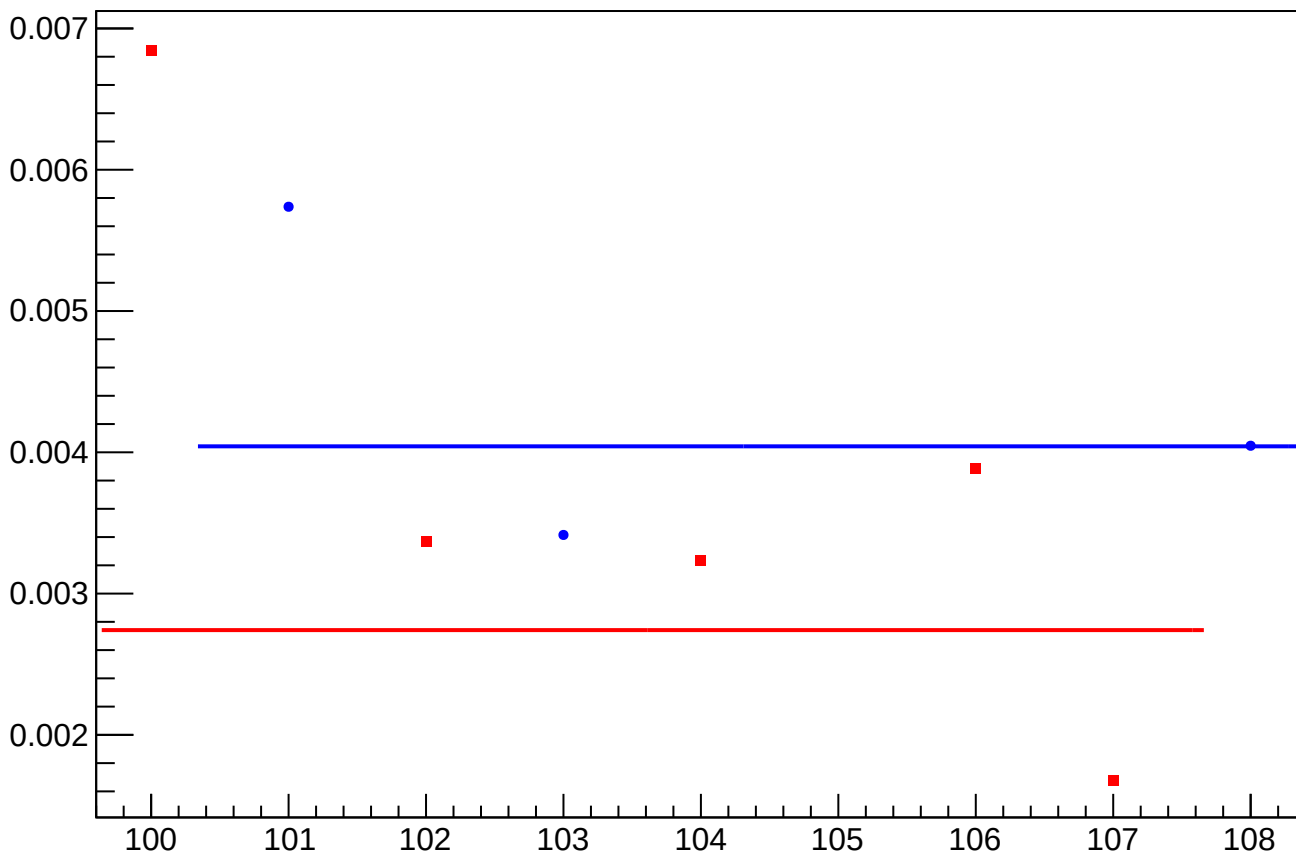
Right: -0.000+/-0.000 χ^2/NDF : 0.8/7

In: 0.000+/-0.000 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 0.8/7

asym_sam4_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 150866.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 370137.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

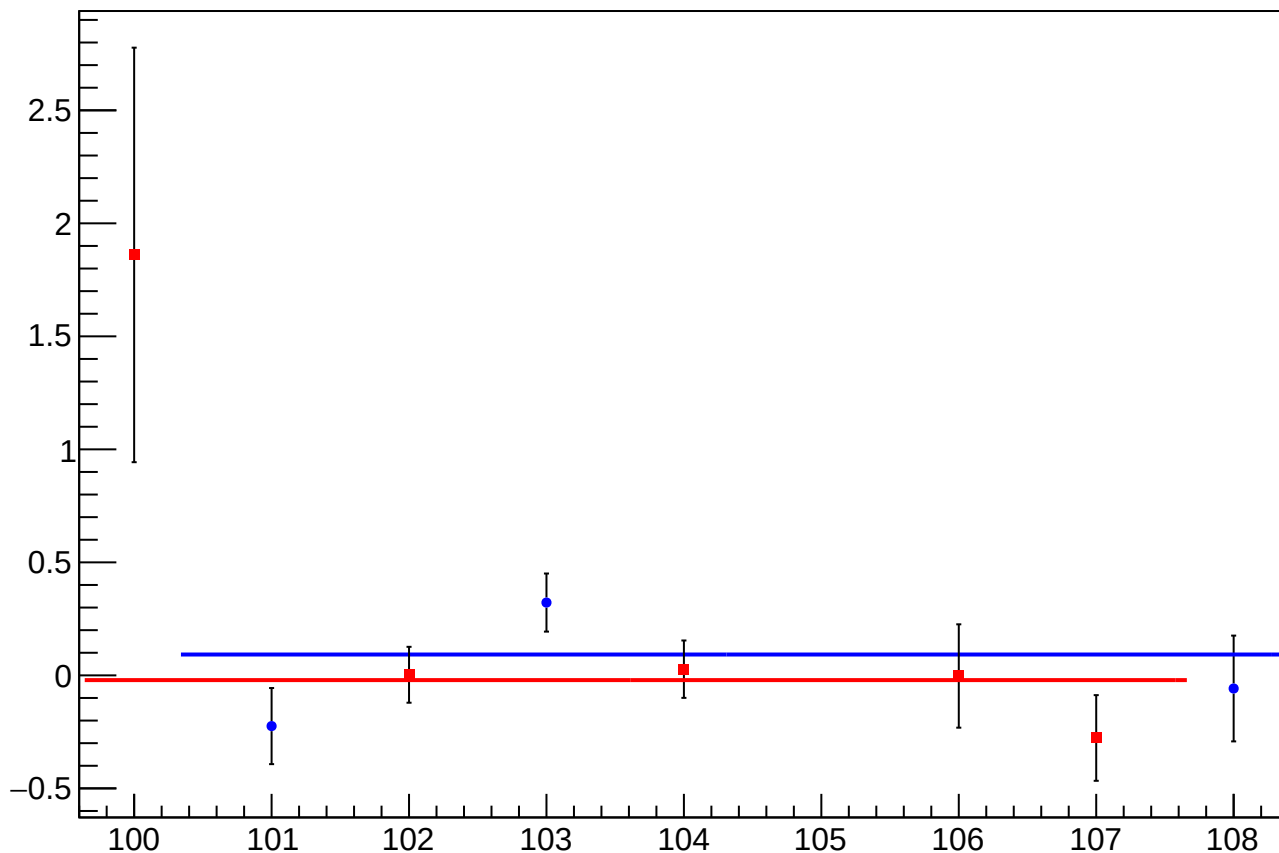
Right: 0.003+/-0.000 χ^2/NDF : 743981.9/7

In: 0.004+/-0.000 χ^2/NDF : 150866.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 743981.9/7

asym_sam4_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.092+/-0.094 χ^2/NDF : 7.1/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.021+/-0.075 χ^2/NDF : 6.2/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

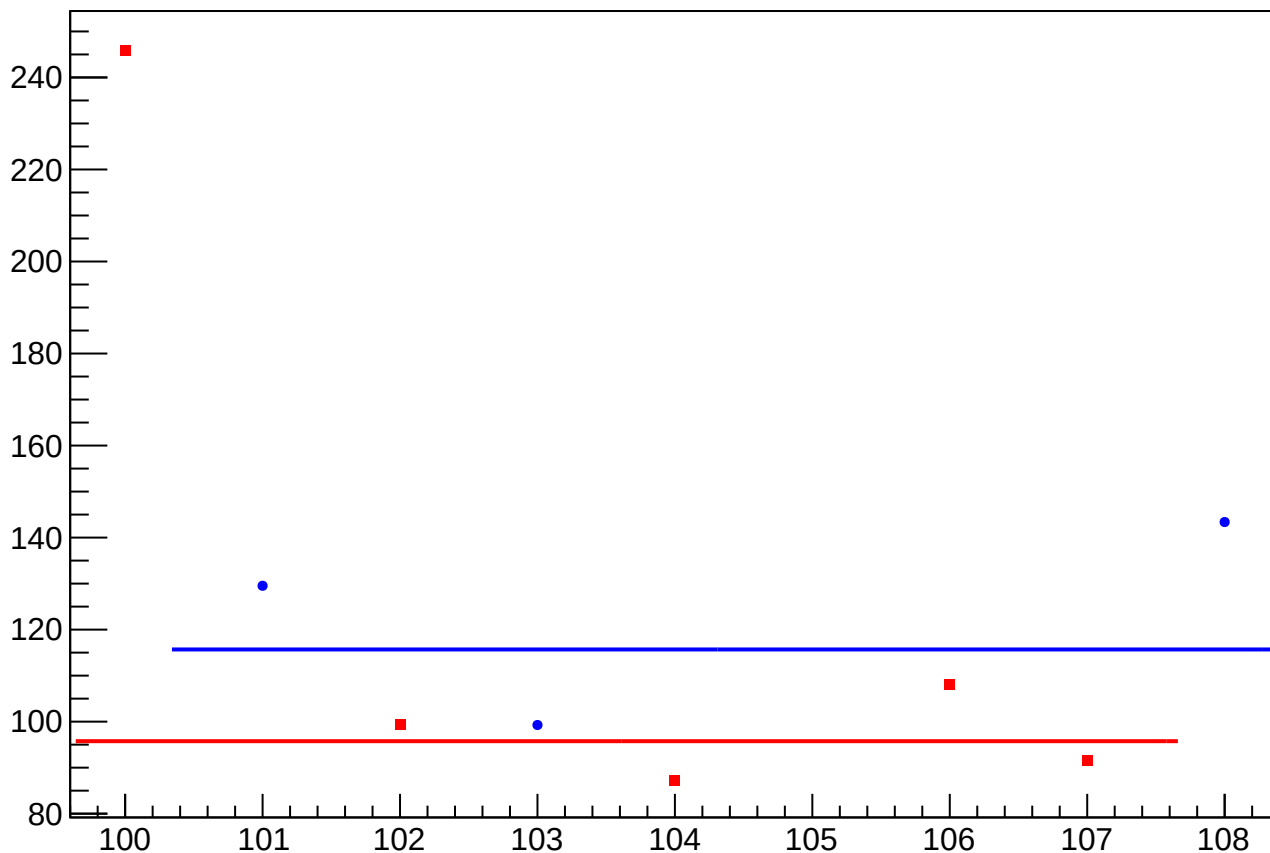
Right: 0.024+/-0.059 χ^2/NDF : 14.3/7

In: 0.092+/-0.094 χ^2/NDF :7.1/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.024+/-0.059 χ^2/NDF : 14.3/7

asym_sam4_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 115.688+/-0.066 χ^2/NDF : 74170.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.754+/-0.053 χ^2/NDF : 70945.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

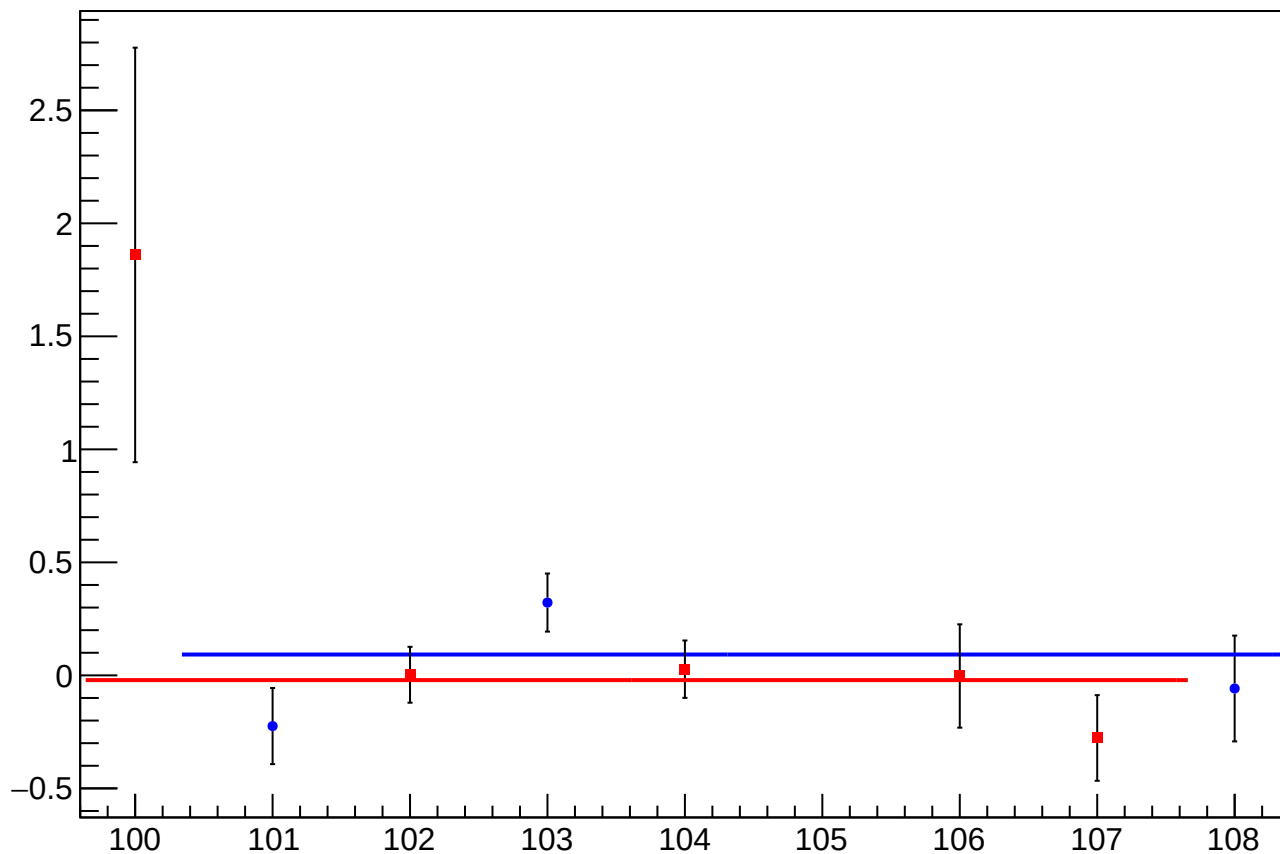
Right: 103.604+/-0.042 χ^2/NDF : 200071.2/7

In: 115.688+/-0.066 χ^2/NDF : 74170.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.604+/-0.042 χ^2/NDF : 200071.2/7

asym_sam4_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.092+/-0.094 χ^2/NDF : 7.1/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.021+/-0.075 χ^2/NDF : 6.2/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

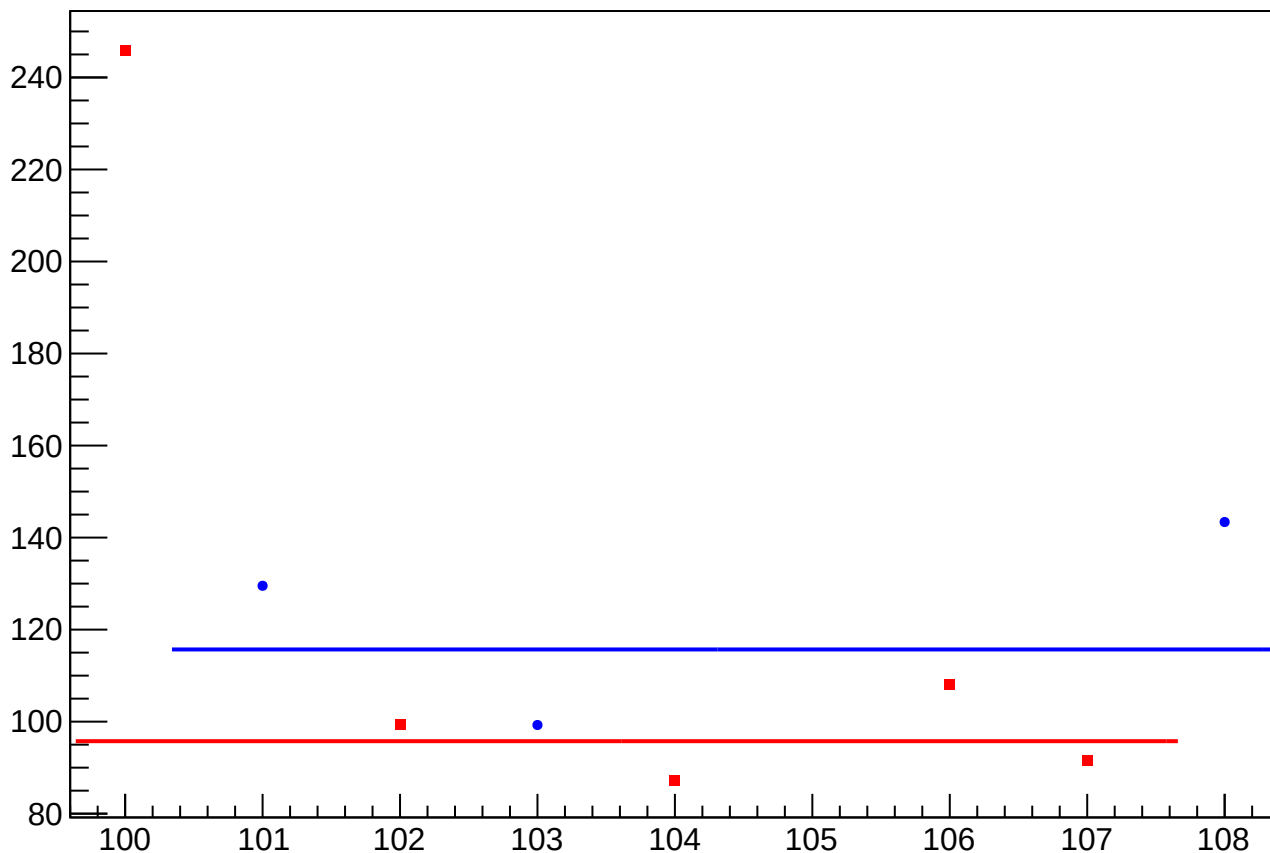
Right: 0.024+/-0.059 χ^2/NDF : 14.3/7

In: 0.092+/-0.094 χ^2/NDF :7.1/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.024+/-0.059 χ^2/NDF : 14.3/7

asym_sam4_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 115.688+/-0.066 χ^2/NDF : 74170.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.754+/-0.053 χ^2/NDF : 70945.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

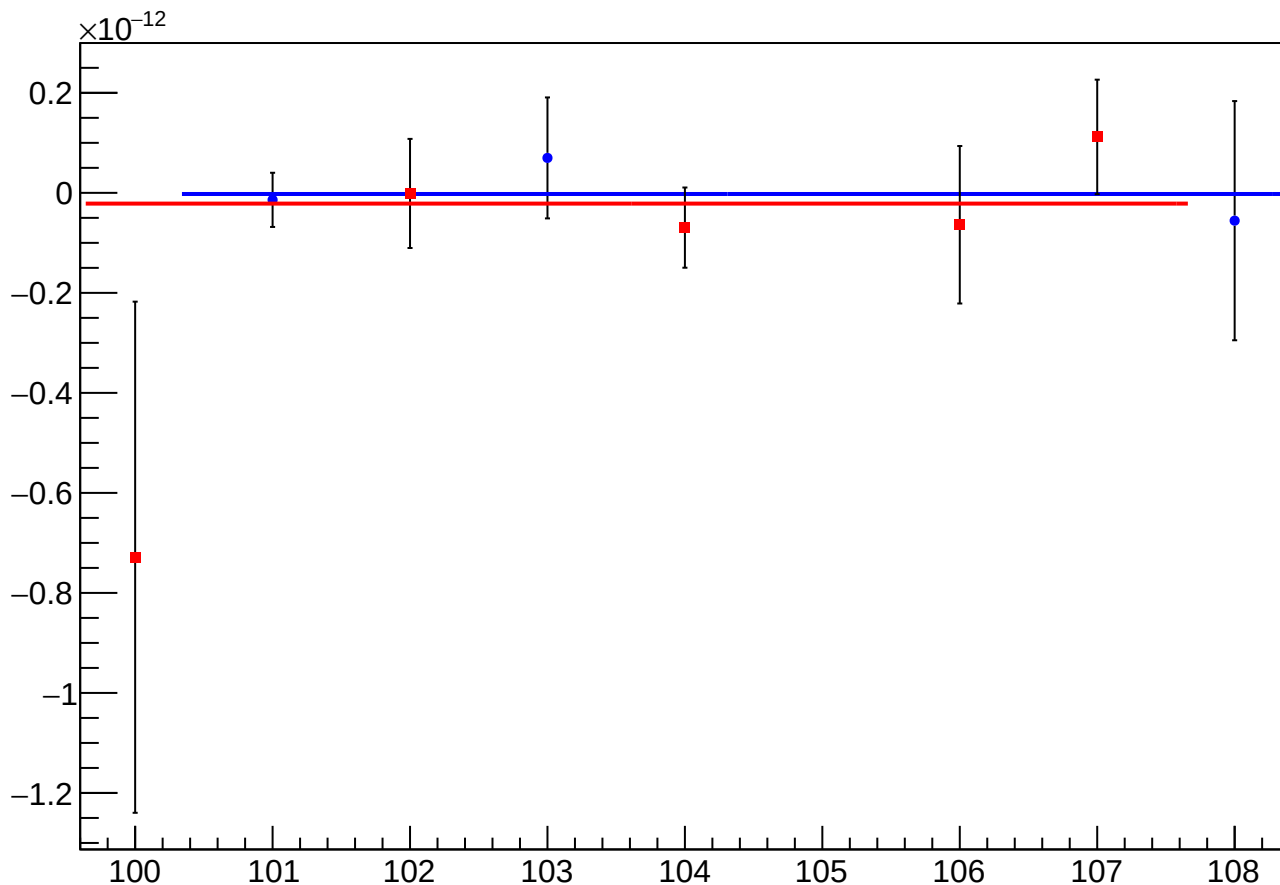
Right: 103.604+/-0.042 χ^2/NDF : 200071.2/7

In: 115.688+/-0.066 χ^2/NDF : 74170.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.604+/-0.042 χ^2/NDF : 200071.2/7

asym_sam4_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

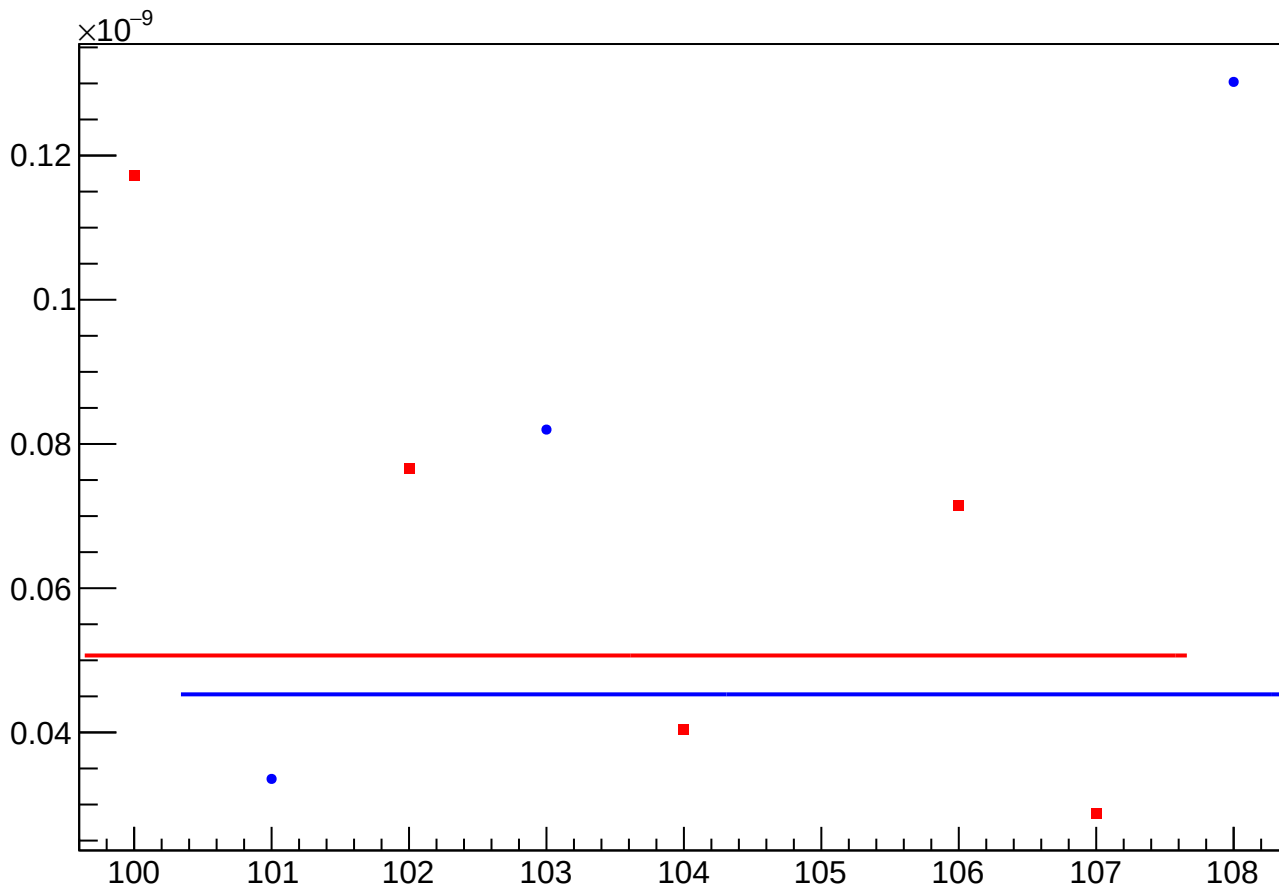
Right: -0.000+/-0.000 χ^2/NDF : 4.3/7

In: -0.000+/-0.000 χ^2/NDF : 0.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.3/7

asym_sam4_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 530259.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 287497.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

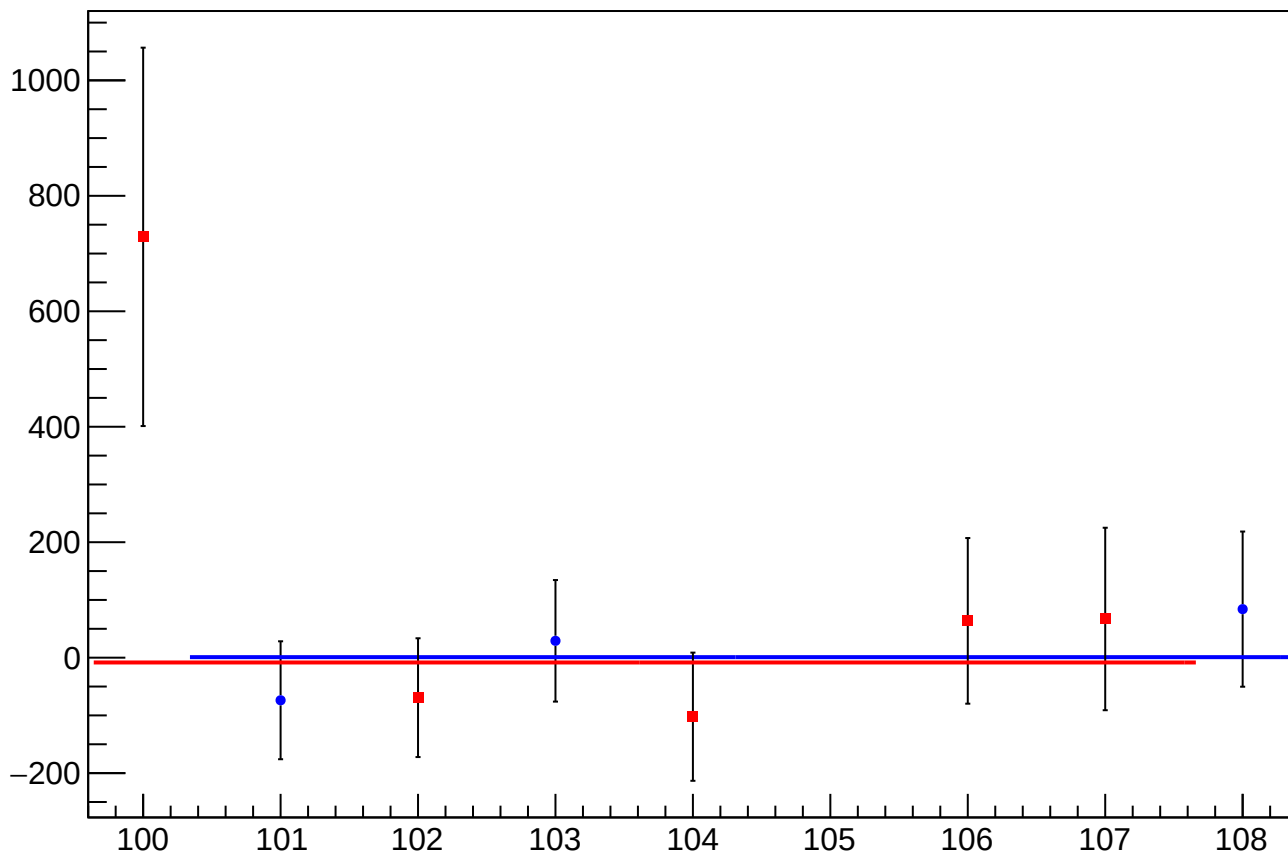
Right: 0.000+/-0.000 χ^2/NDF : 829102.2/7

In: 0.000+/-0.000 χ^2/NDF : 530259.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 829102.2/7

reg_asym_sam5_mean vs Slug, Sign Corrected



Right In: 0.902+/-64.359 χ^2 /NDF: 1.0/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -8.319+/-60.461 χ^2 /NDF: 6.6/4

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

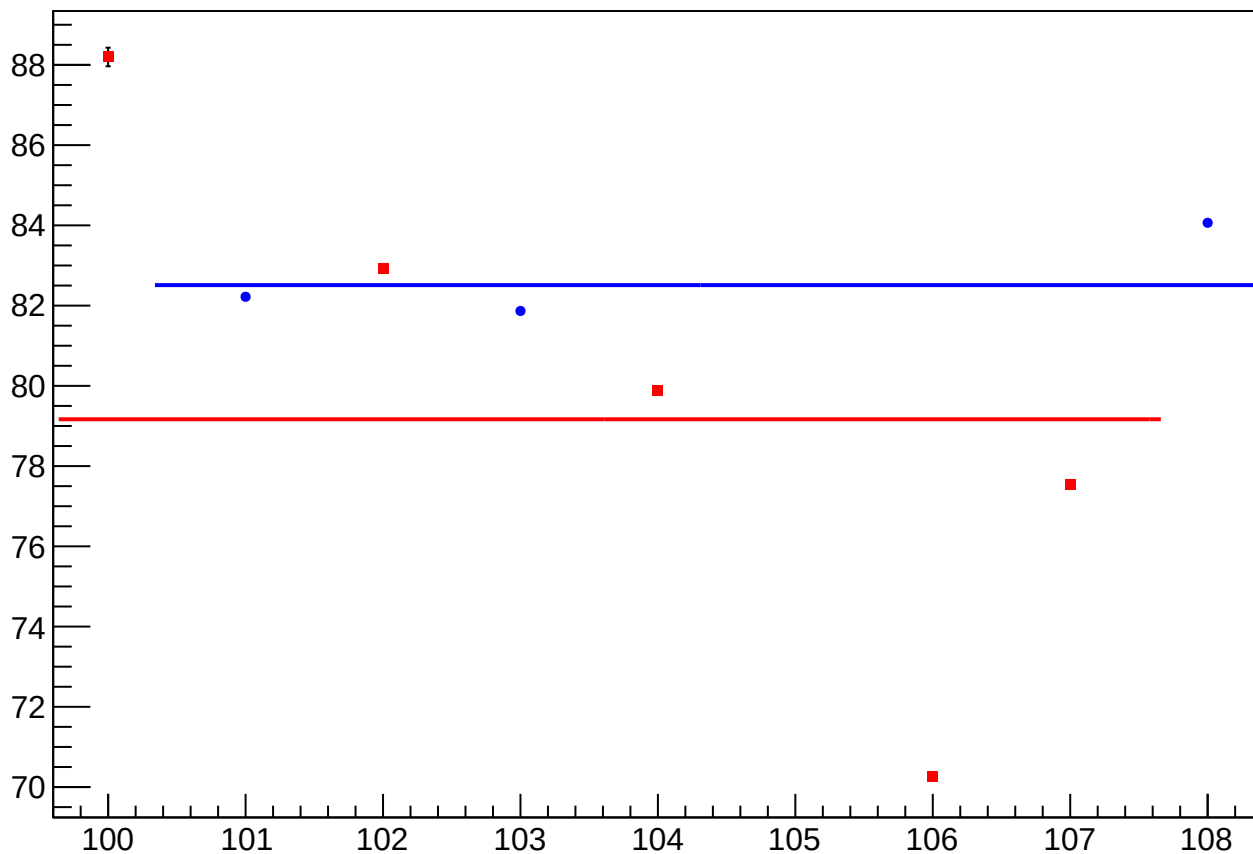
Right: -3.996+/-44.066 χ^2 /NDF: 7.6/7

In: 0.902+/-64.359 χ^2 /NDF: 1.0/2

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -3.996+/-44.066 χ^2 /NDF: 7.6/7

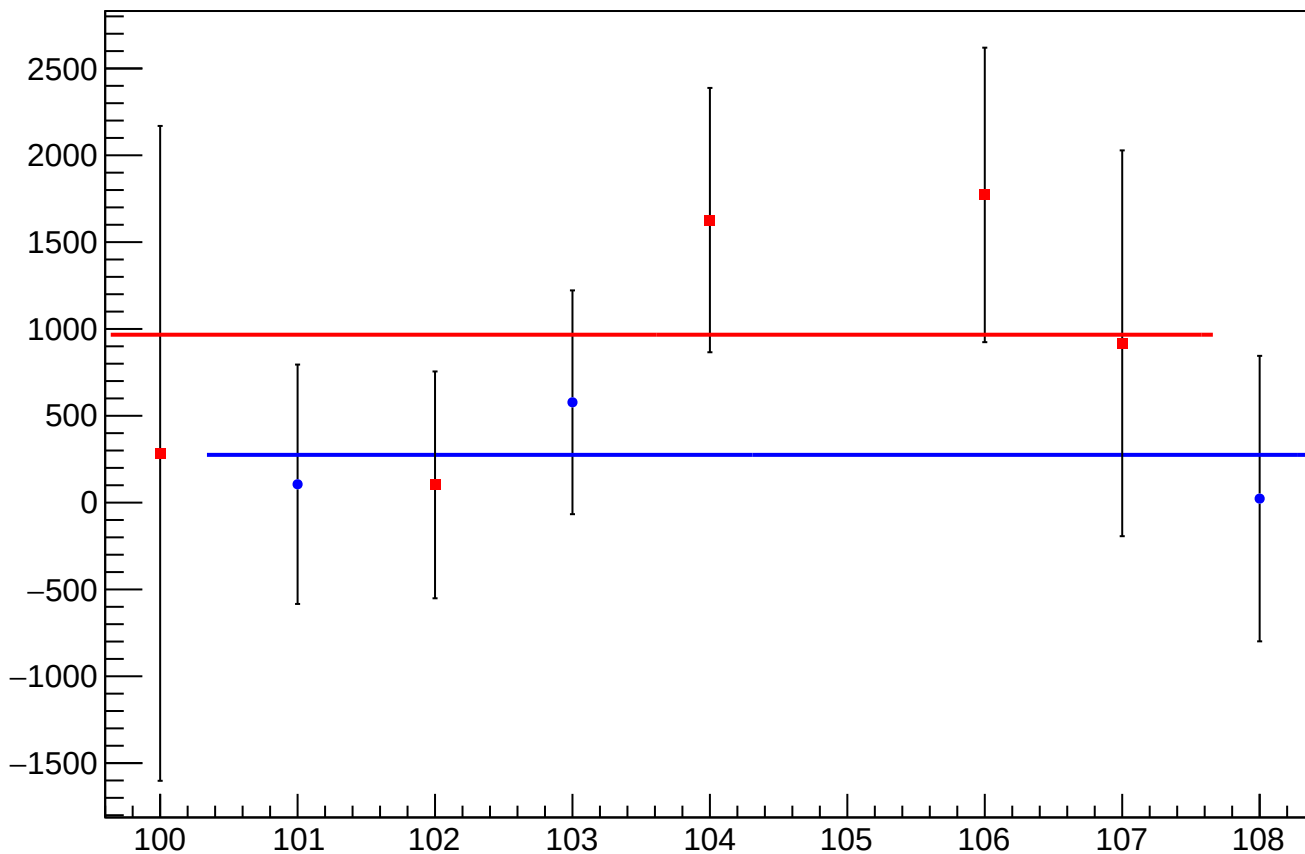
reg_asym_sam5_rms vs Slug, Sign Corrected



Right In: 82.511+/-0.046 χ^2/NDF : 358.3/2
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 79.168+/-0.043 χ^2/NDF : 12207.3/4
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 80.735+/-0.031 χ^2/NDF : 15432.8/7
In: 82.511+/-0.046 χ^2/NDF : 358.3/2
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 80.735+/-0.031 χ^2/NDF : 15432.8/7

asym_sam5_reg_correction_mean vs Slug, Sign Corrected



Right In: 275.000 $\pm$ 408.453 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 966.849 $\pm$ 390.625 χ^2 /NDF: 3.5/4

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

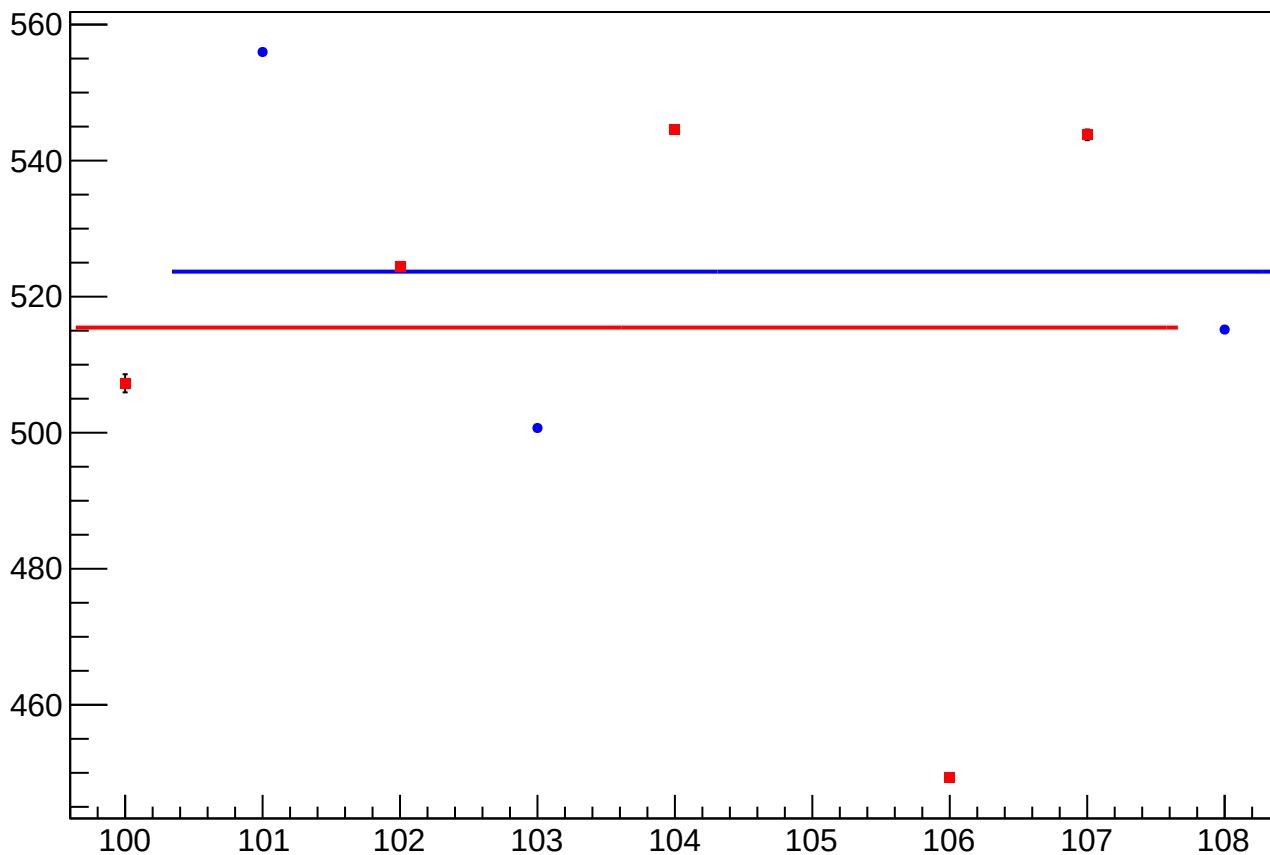
Right: 636.352 $\pm$ 282.306 χ^2 /NDF: 5.4/7

In: 275.000 $\pm$ 408.453 χ^2 /NDF:0.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 636.352 $\pm$ 282.306 χ^2 /NDF: 5.4/7

asym_sam5_reg_correction_rms vs Slug, Sign Corrected



Right In: 523.680 $\pm$ 0.289 χ^2 /NDF: 7149.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 515.458 $\pm$ 0.276 χ^2 /NDF: 16827.7/4

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

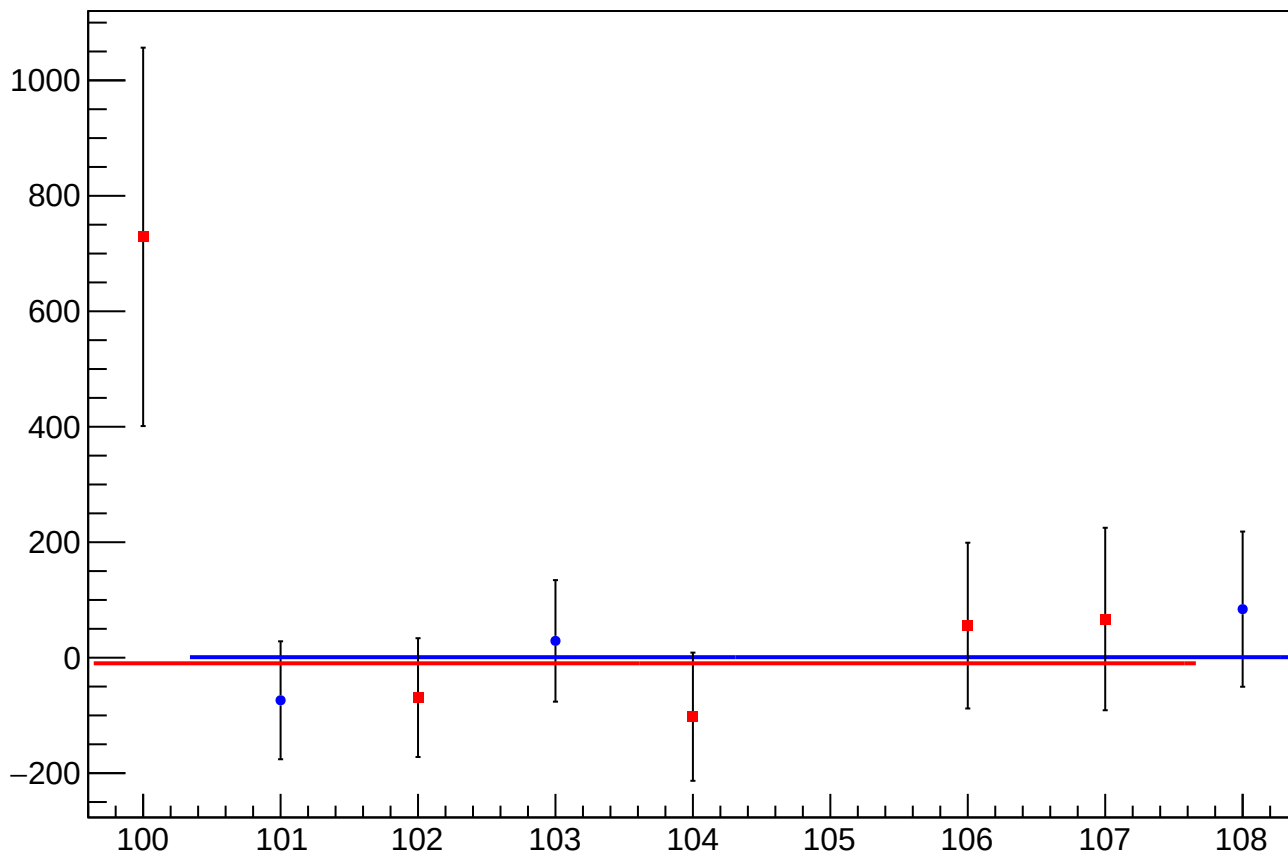
Right: 519.385 $\pm$ 0.200 χ^2 /NDF: 24400.8/7

In: 523.680 $\pm$ 0.289 χ^2 /NDF:7149.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 519.385 $\pm$ 0.200 χ^2 /NDF: 24400.8/7

cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: 0.873+/-64.359 χ^2 /NDF: 1.0/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -9.718+/-60.471 χ^2 /NDF: 6.6/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

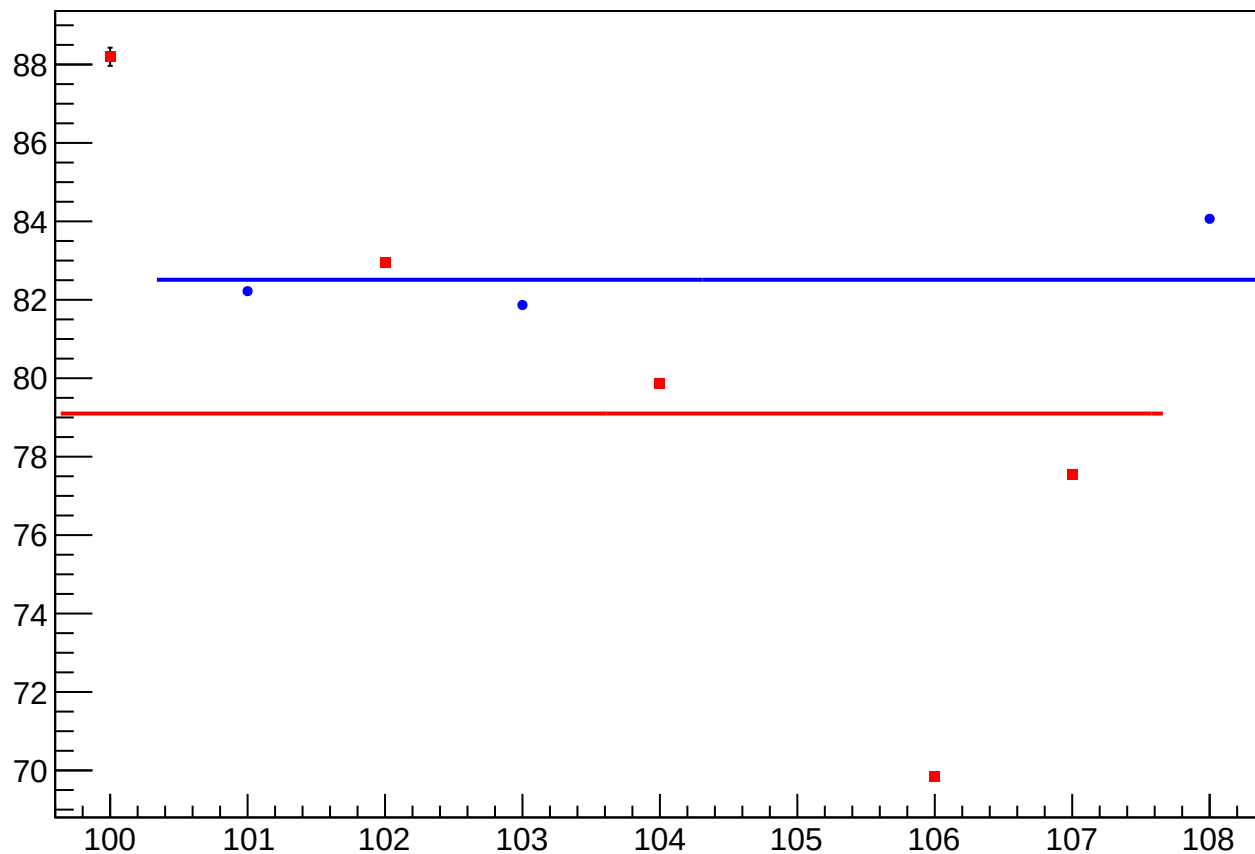
Right: -4.752+/-44.070 χ^2 /NDF: 7.6/7

In: 0.873+/-64.359 χ^2 /NDF:1.0/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -4.752+/-44.070 χ^2 /NDF: 7.6/7

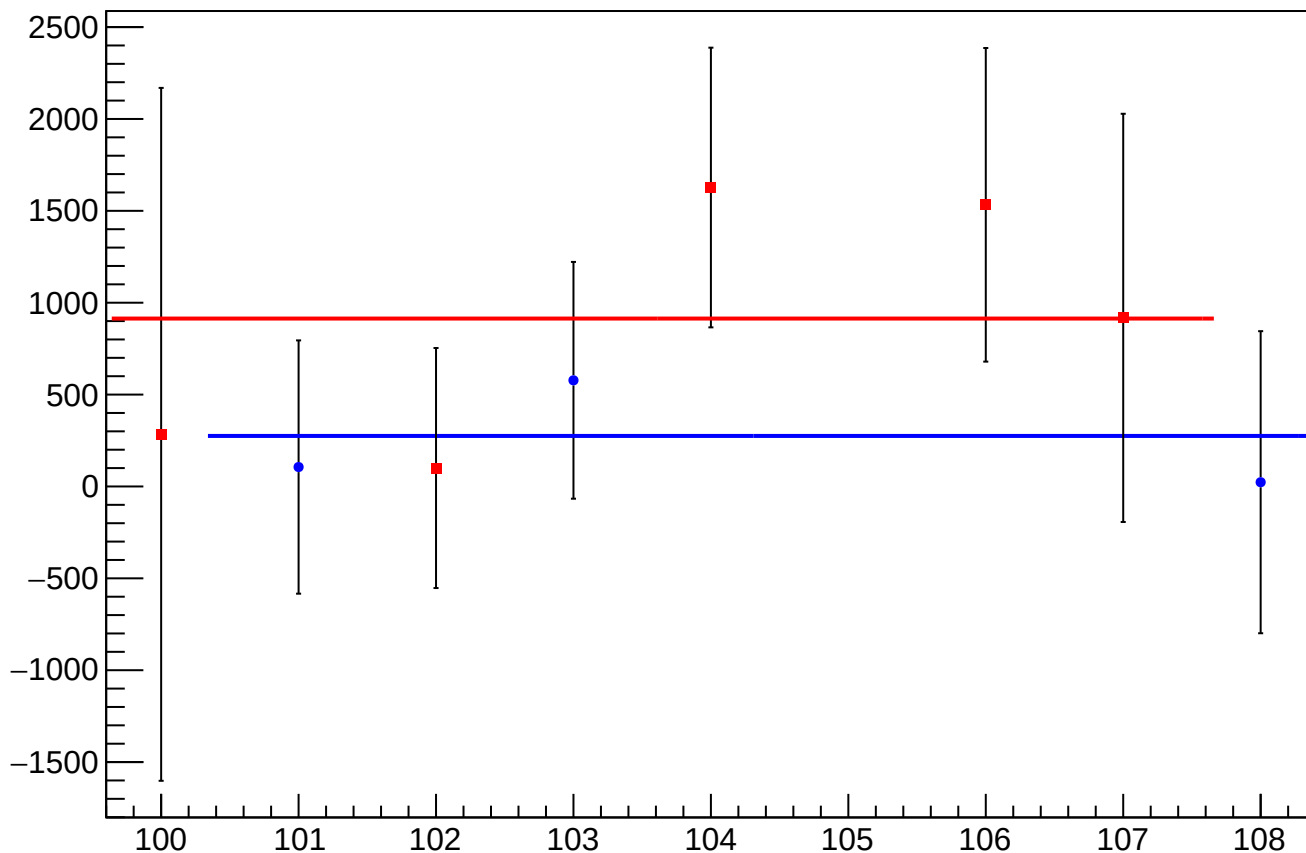
cor_asym_sam5_rms vs Slug, Sign Corrected



Right In: 82.511+/-0.046 χ^2/NDF : 358.3/2
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 79.100+/-0.043 χ^2/NDF : 12959.2/4
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 80.699+/-0.031 χ^2/NDF : 16302.1/7
In: 82.511+/-0.046 χ^2/NDF : 358.3/2
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 80.699+/-0.031 χ^2/NDF : 16302.1/7

asym_sam5_cor_correction_mean vs Slug, Sign Corrected



Right In: 274.996+/-408.452 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 913.797+/-391.167 χ^2/NDF : 3.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

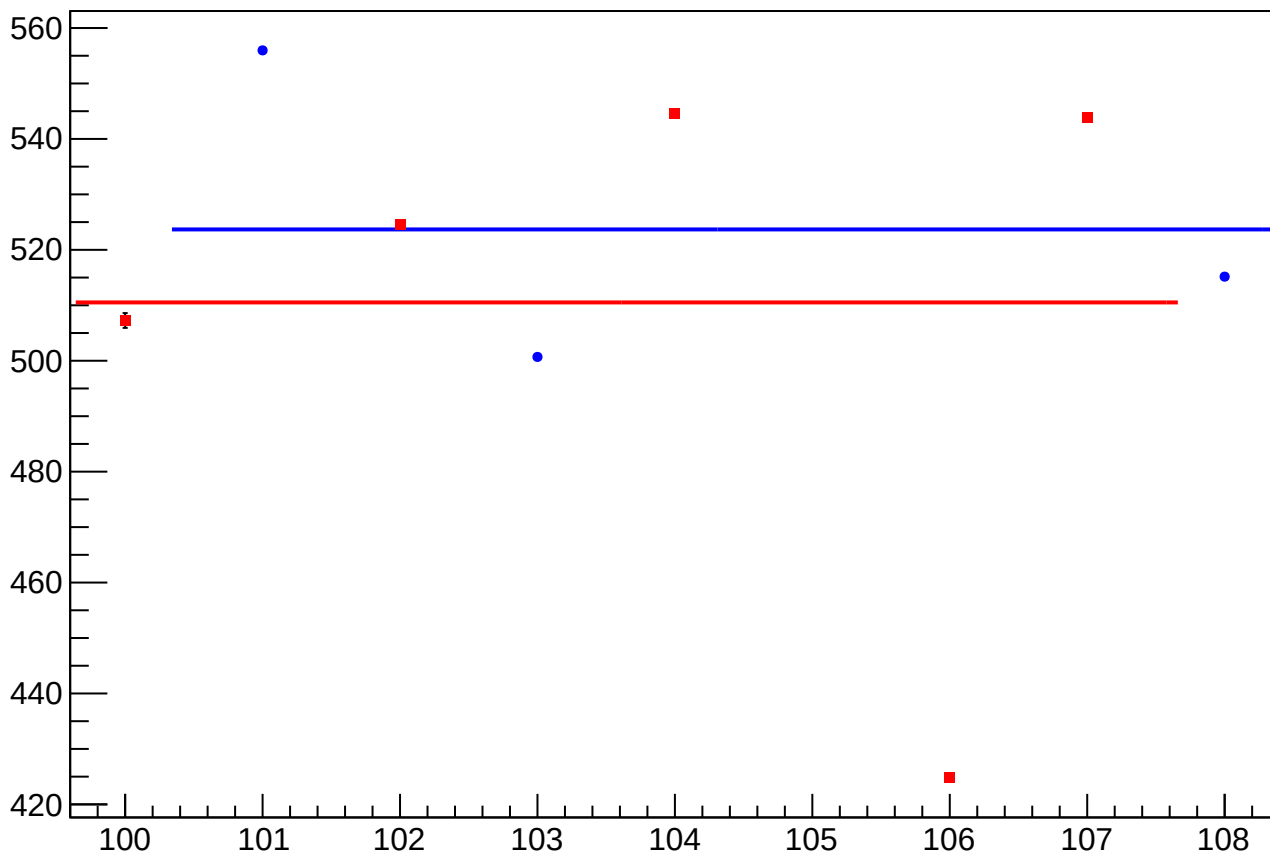
Right: 608.199+/-282.510 χ^2/NDF : 4.7/7

In: 274.996+/-408.452 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 608.199+/-282.510 χ^2/NDF : 4.7/7

asym_sam5_cor_correction_rms vs Slug, Sign Corrected



Right In: 523.679 $\pm$ 0.289 χ^2 /NDF: 7150.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 510.517 $\pm$ 0.277 χ^2 /NDF: 26871.6/4

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

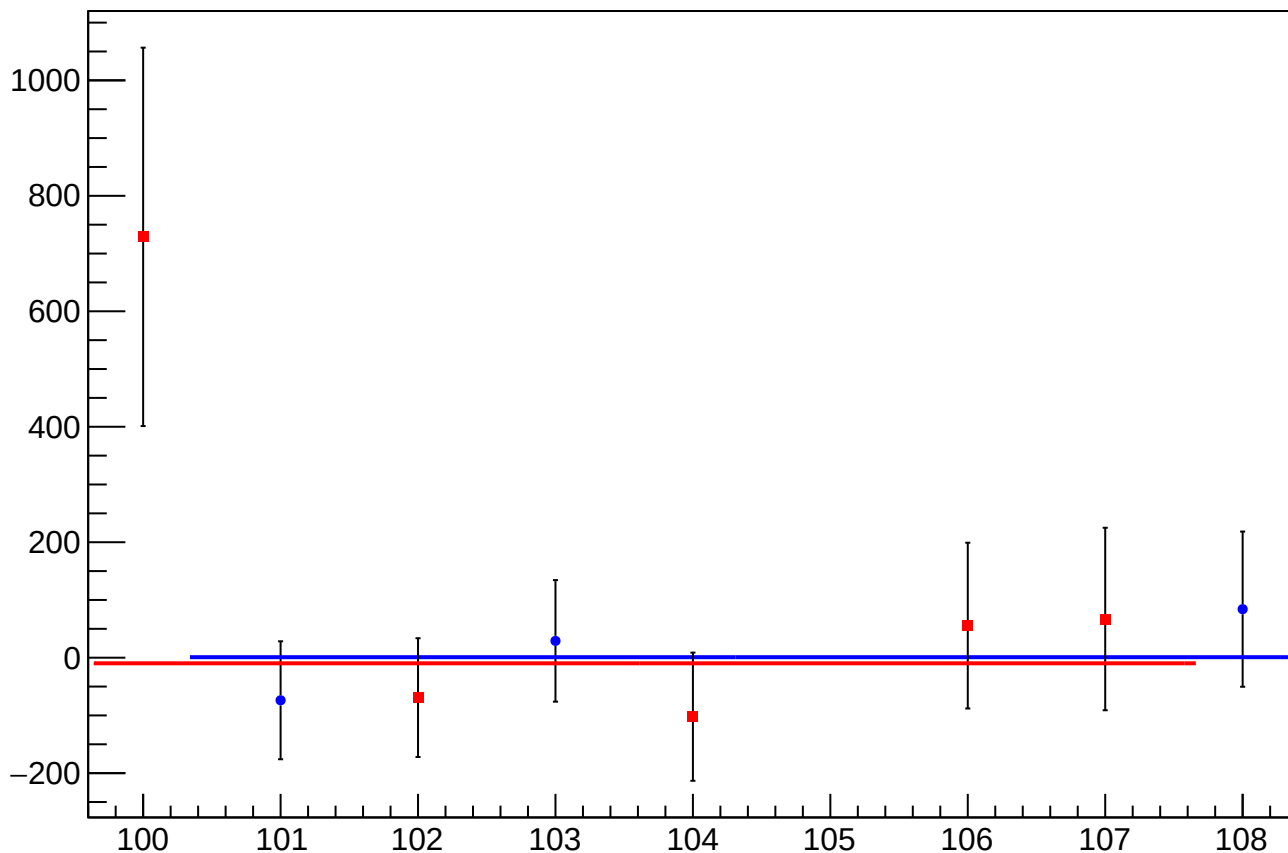
Right: 516.814 $\pm$ 0.200 χ^2 /NDF: 35105.4/7

In: 523.679 $\pm$ 0.289 χ^2 /NDF:7150.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 516.814 $\pm$ 0.200 χ^2 /NDF: 35105.4/7

eigen_cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: 0.873+/-64.359 χ^2 /NDF: 1.0/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -9.718+/-60.471 χ^2 /NDF: 6.6/4

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

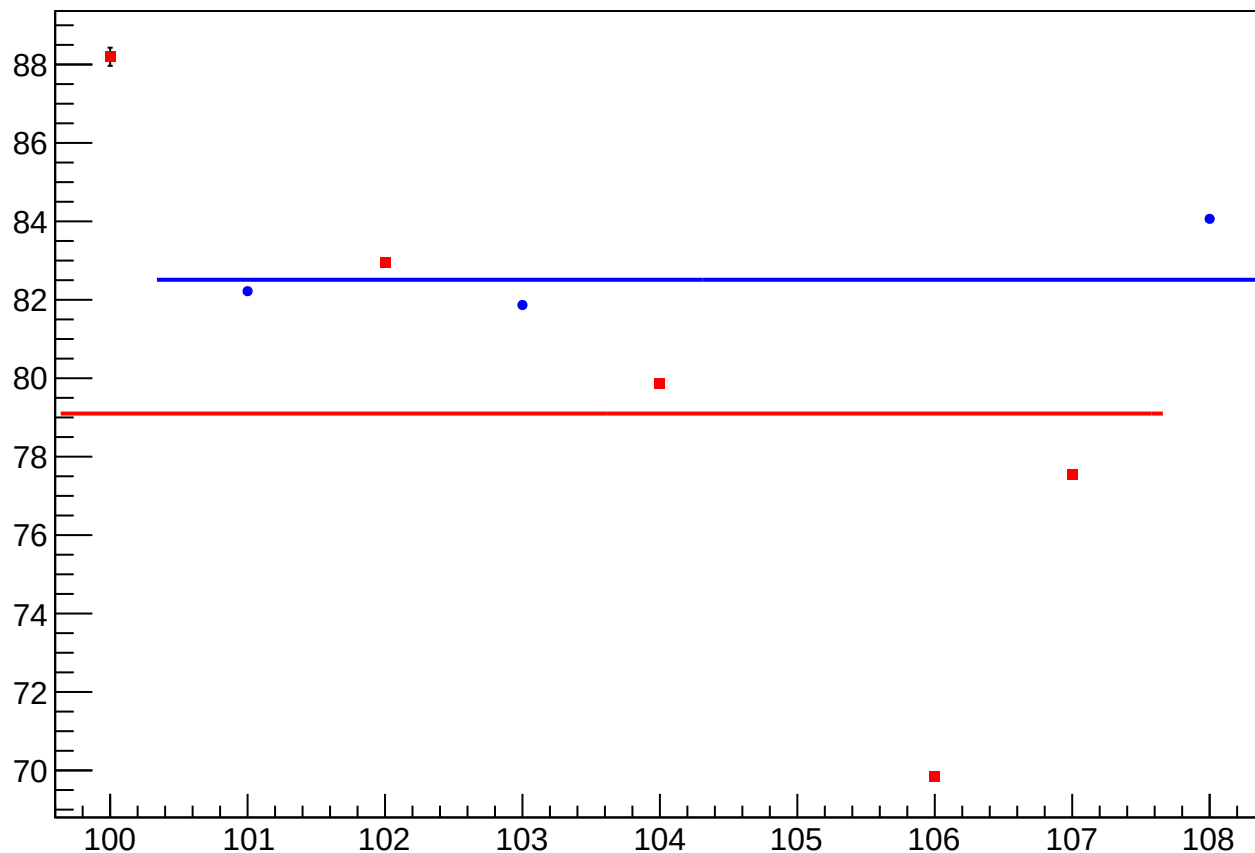
Right: -4.752+/-44.070 χ^2 /NDF: 7.6/7

In: 0.873+/-64.359 χ^2 /NDF: 1.0/2

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -4.752+/-44.070 χ^2 /NDF: 7.6/7

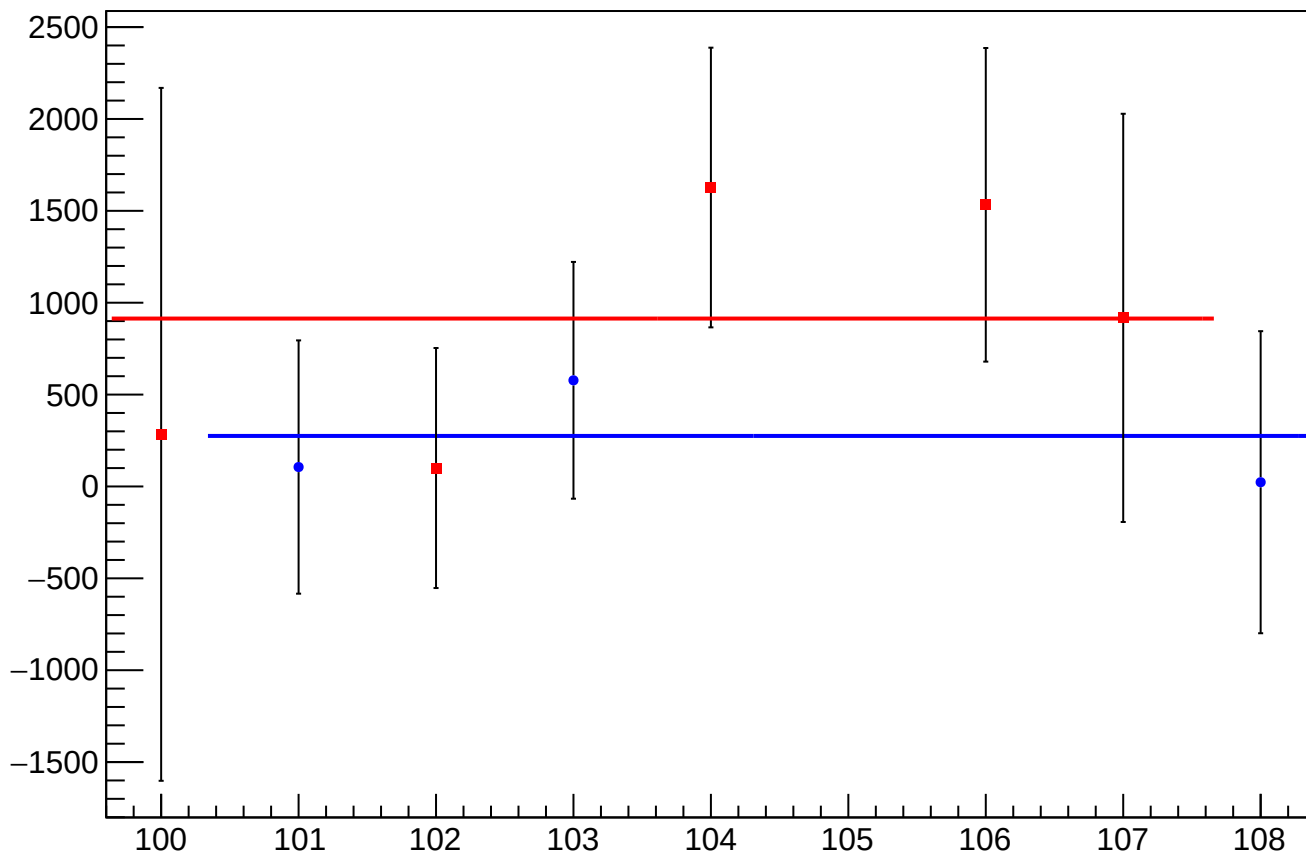
eigen_cor_asym_sam5_rms vs Slug, Sign Corrected



Right In: 82.511+/-0.046 χ^2/NDF : 358.3/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 79.100+/-0.043 χ^2/NDF : 12959.2/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 80.699+/-0.031 χ^2/NDF : 16302.1/7
 In: 82.511+/-0.046 χ^2/NDF : 358.3/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 80.699+/-0.031 χ^2/NDF : 16302.1/7

asym_sam5_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 274.996+/-408.452 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 913.797+/-391.167 χ^2/NDF : 3.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

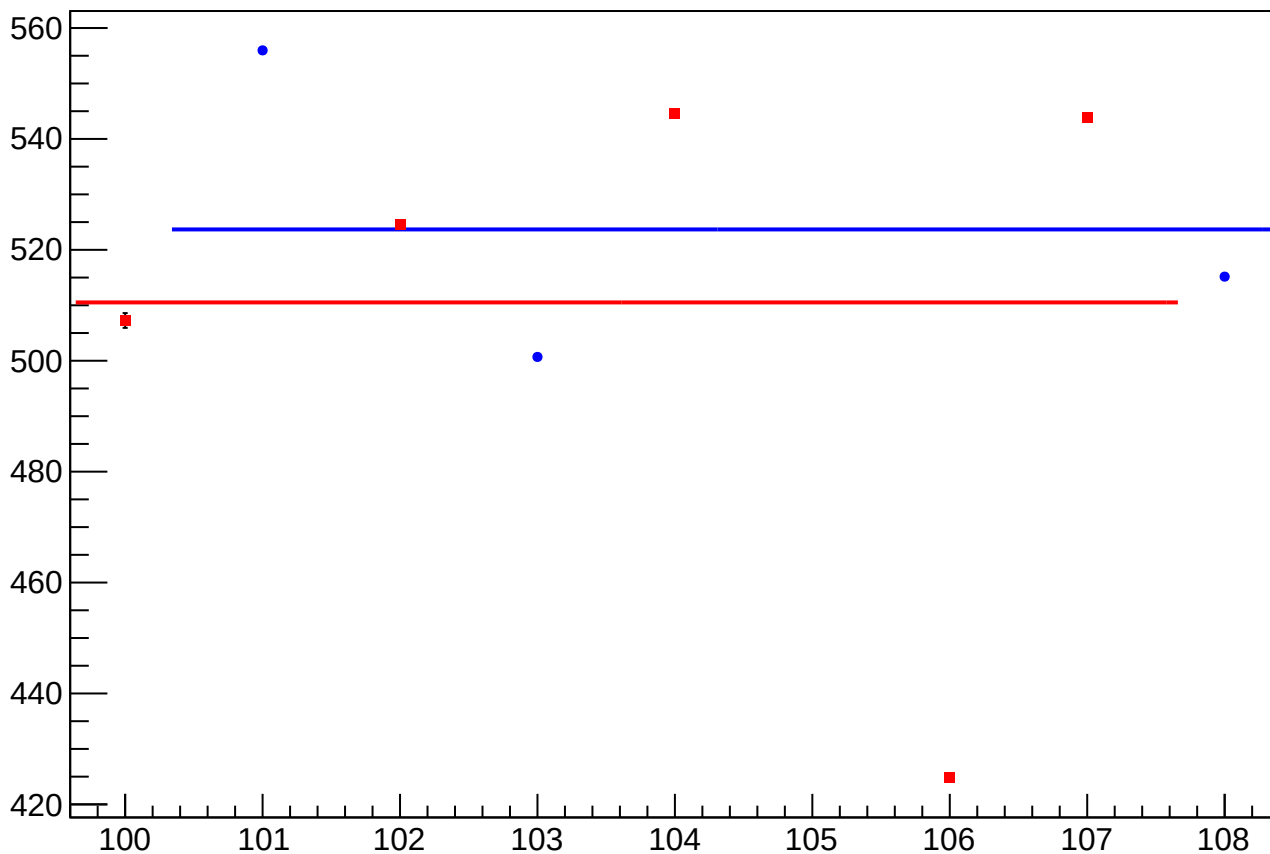
Right: 608.199+/-282.510 χ^2/NDF : 4.7/7

In: 274.996+/-408.452 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 608.199+/-282.510 χ^2/NDF : 4.7/7

asym_sam5_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 523.679+/-0.289 χ^2/NDF : 7150.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 510.517+/-0.277 χ^2/NDF : 26871.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

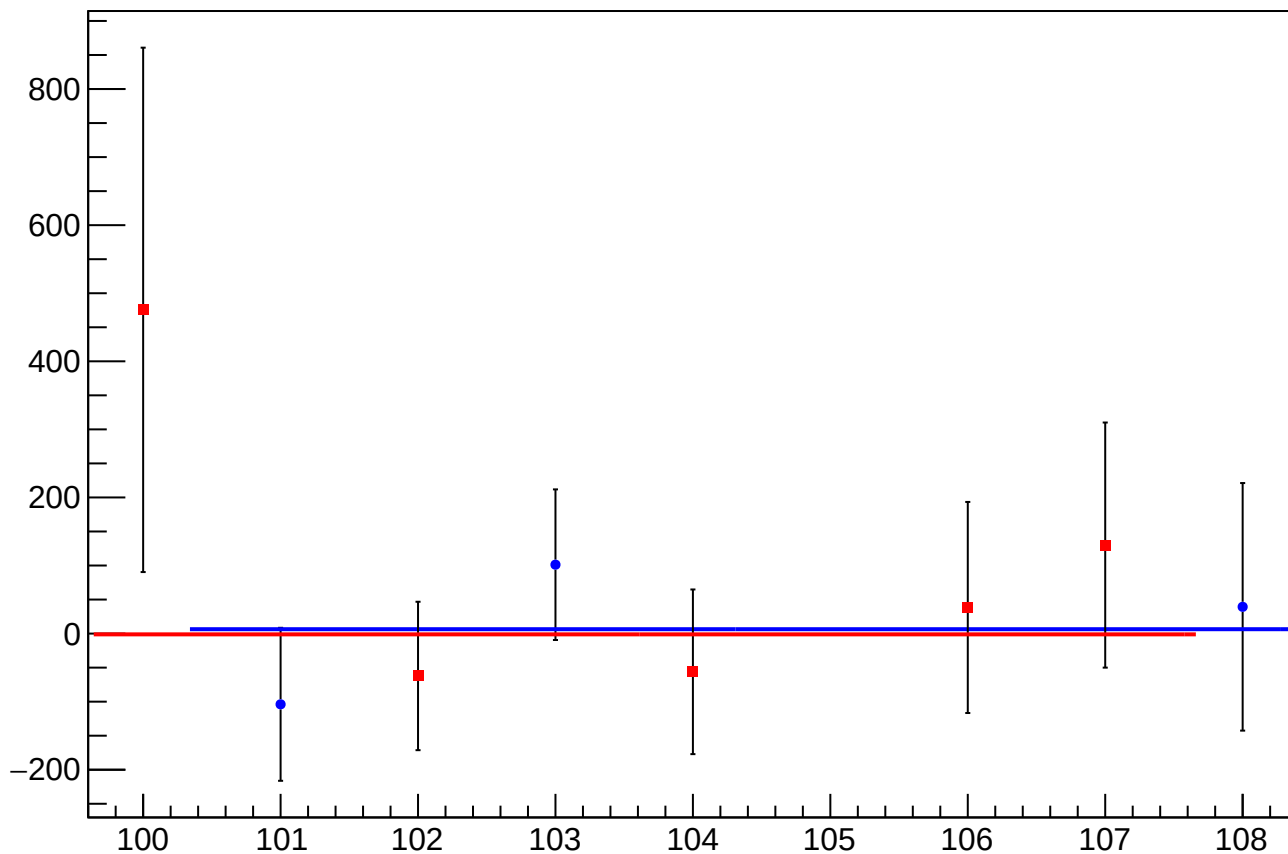
Right: 516.814+/-0.200 χ^2/NDF : 35105.4/7

In: 523.679+/-0.289 χ^2/NDF : 7150.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 516.814+/-0.200 χ^2/NDF : 35105.4/7

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 6.448+/-72.332 χ^2/NDF : 1.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.132+/-65.696 χ^2/NDF : 2.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

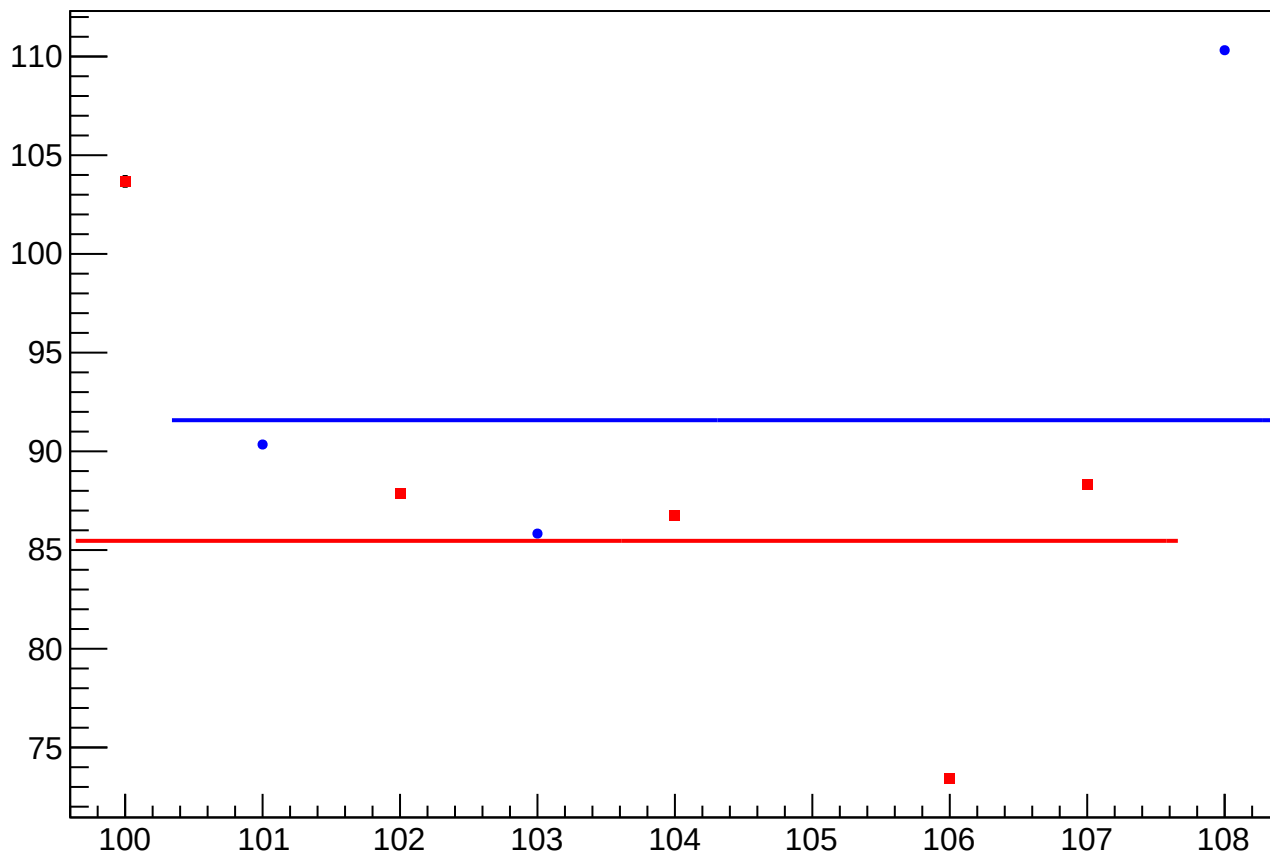
Right: 2.295+/-48.631 χ^2/NDF : 4.4/7

In: 6.448+/-72.332 χ^2/NDF : 1.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.295+/-48.631 χ^2/NDF : 4.4/7

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 91.577 ± 0.051 $\chi^2/\text{NDF}: 26873.3/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 85.466 ± 0.046 $\chi^2/\text{NDF}: 18243.6/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

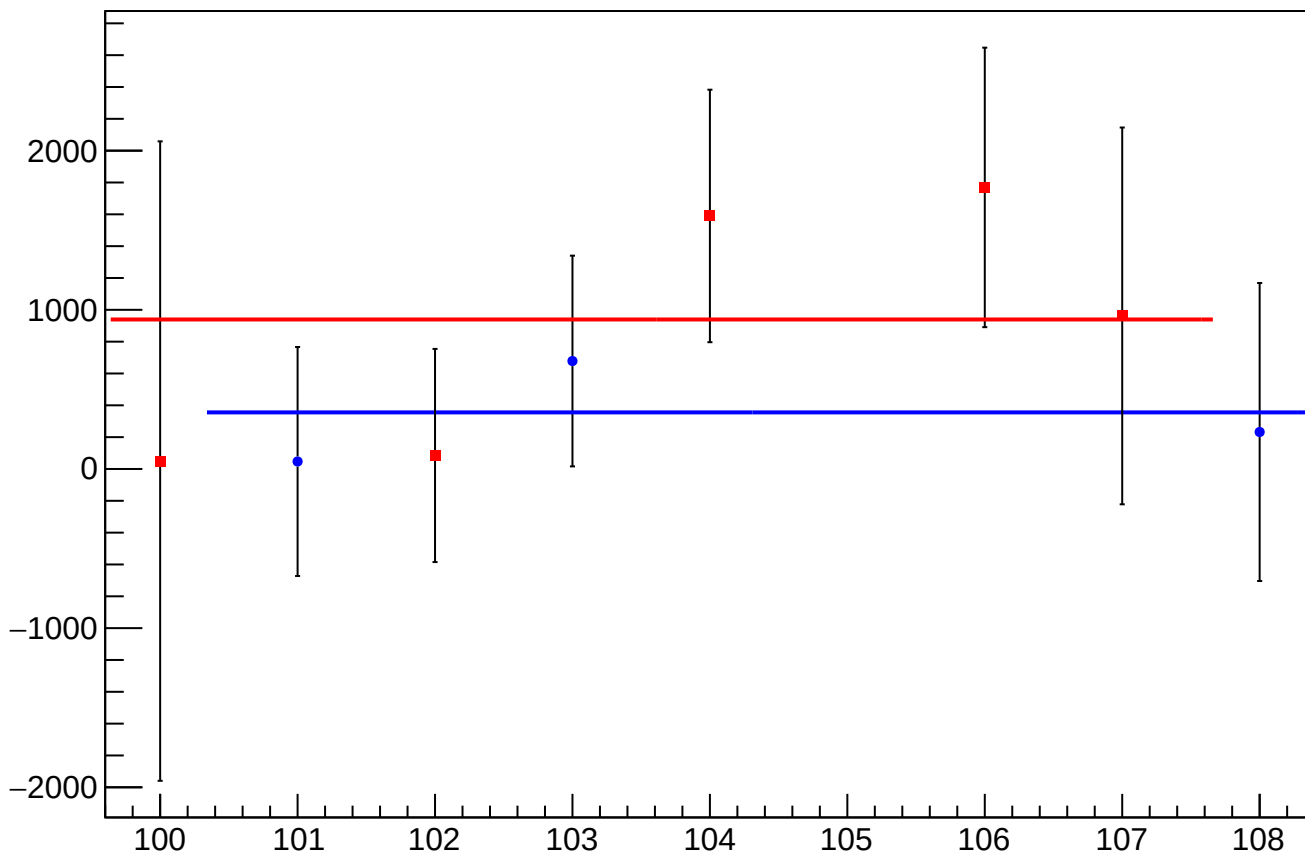
Right: 88.228 ± 0.034 $\chi^2/\text{NDF}: 52938.6/7$

In: 91.577 ± 0.051 $\chi^2/\text{NDF}: 26873.3/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 88.228 ± 0.034 $\chi^2/\text{NDF}: 52938.6/7$

asym_sam5_dit_correction_mean vs Slug, Sign Corrected



Right In: 355.528 $\pm$ 432.156 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 939.285 $\pm$ 405.616 χ^2 /NDF: 3.4/4

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

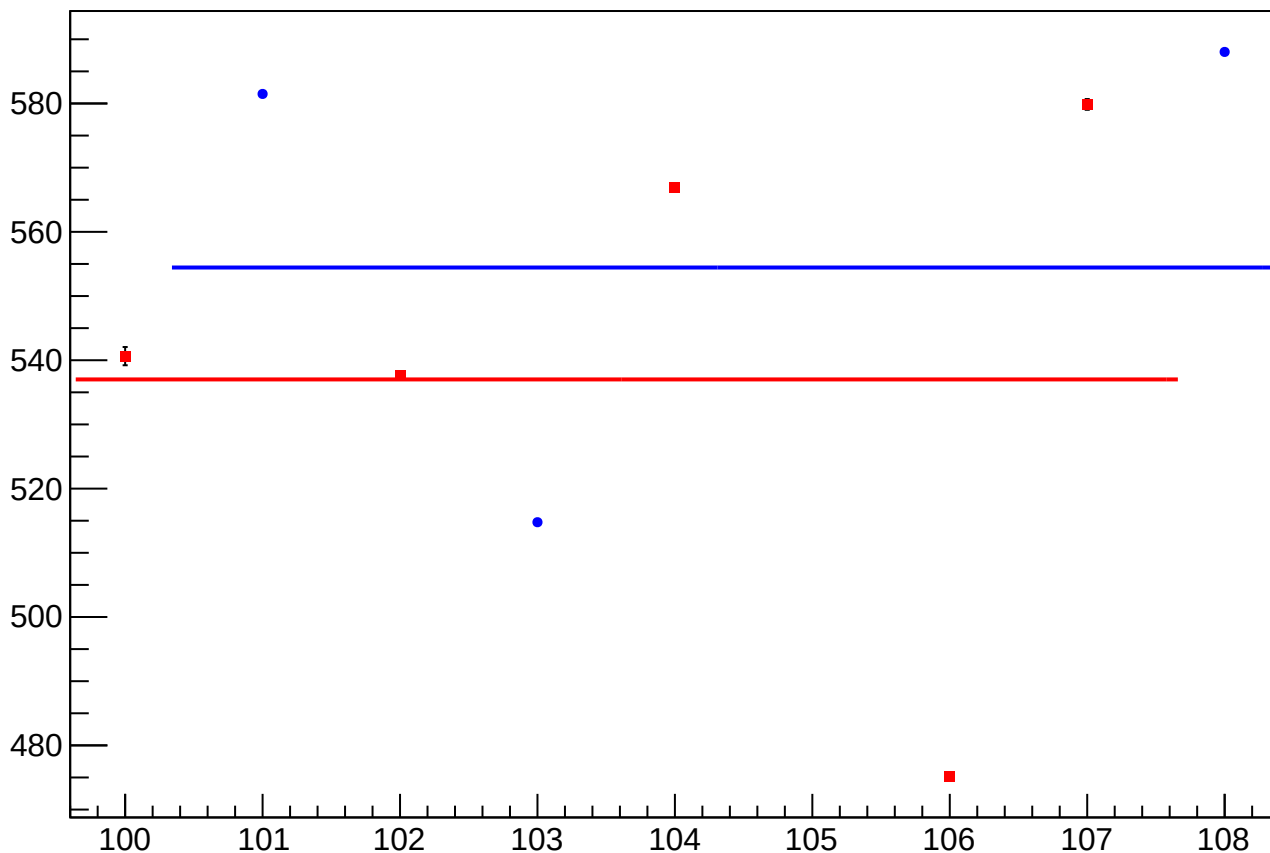
Right: 665.881 $\pm$ 295.751 χ^2 /NDF: 4.8/7

In: 355.528 $\pm$ 432.156 χ^2 /NDF:0.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 665.881 $\pm$ 295.751 χ^2 /NDF: 4.8/7

asym_sam5_dit_correction_rms vs Slug, Sign Corrected



Right In: 554.445 $\pm$ 0.306 χ^2 /NDF: 12584.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 537.011 $\pm$ 0.287 χ^2 /NDF: 15418.1/4

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

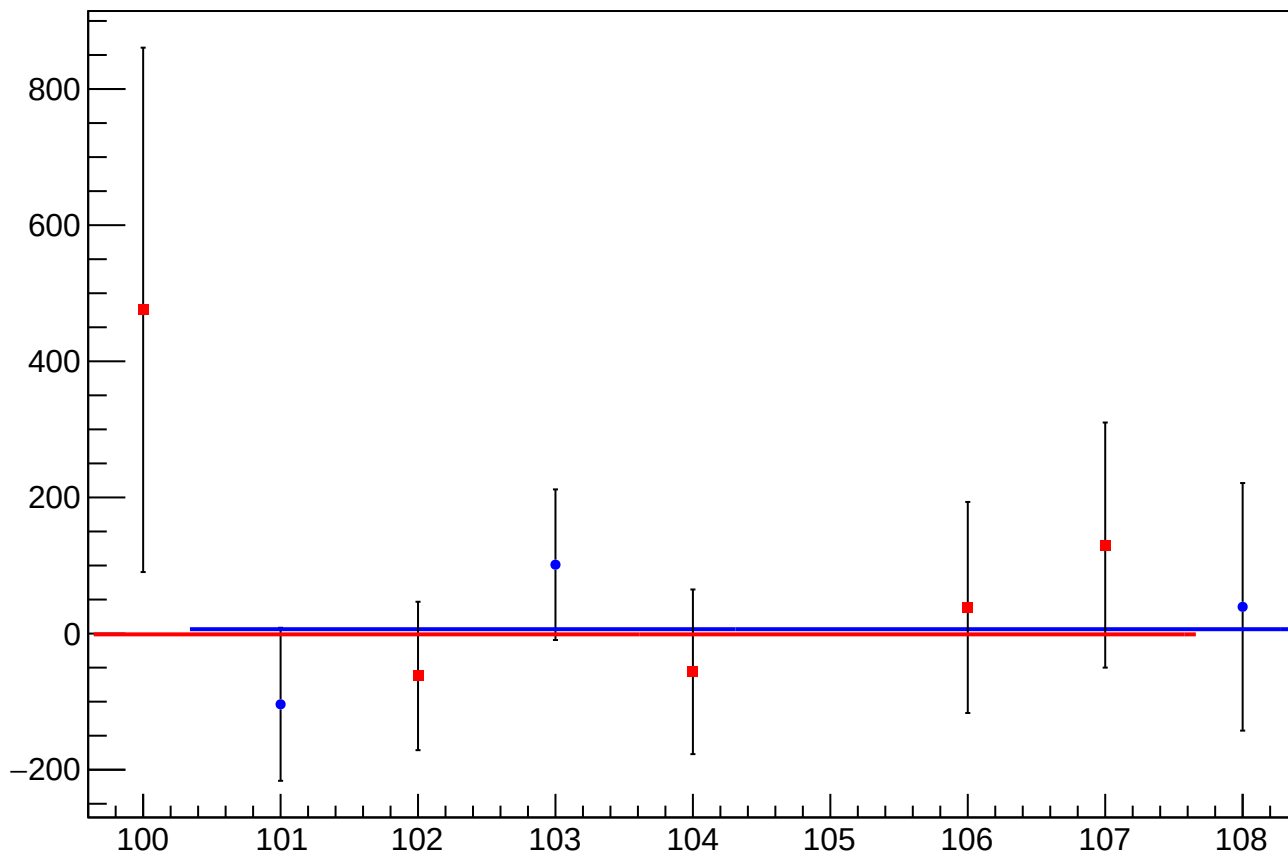
Right: 545.176 $\pm$ 0.209 χ^2 /NDF: 29733.2/7

In: 554.445 $\pm$ 0.306 χ^2 /NDF: 12584.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 545.176 $\pm$ 0.209 χ^2 /NDF: 29733.2/7

eigen_dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 6.446+/-72.332 χ^2/NDF : 1.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.132+/-65.696 χ^2/NDF : 2.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

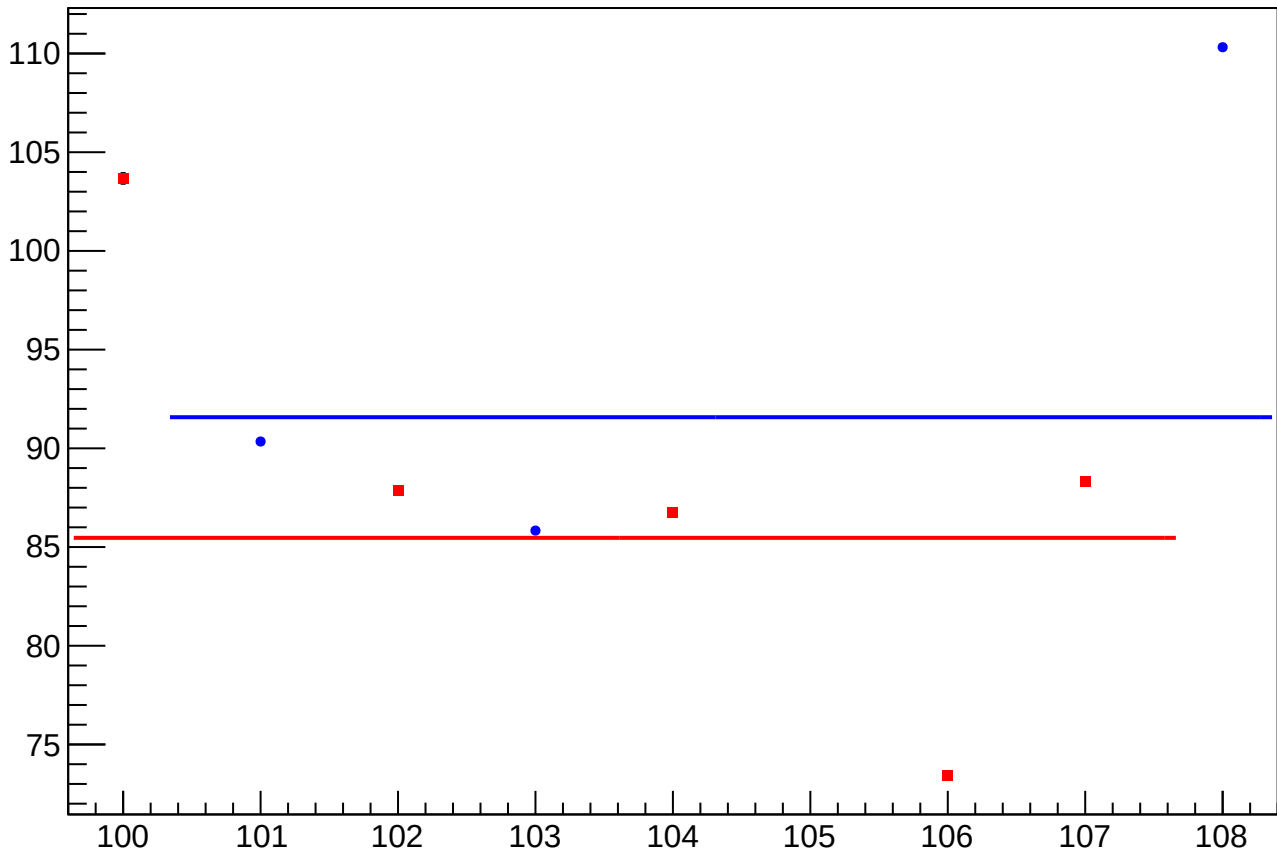
Right: 2.294+/-48.631 χ^2/NDF : 4.4/7

In: 6.446+/-72.332 χ^2/NDF : 1.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.294+/-48.631 χ^2/NDF : 4.4/7

eigen_dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 91.577+/-0.051 χ^2/NDF : 26873.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.466+/-0.046 χ^2/NDF : 18243.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

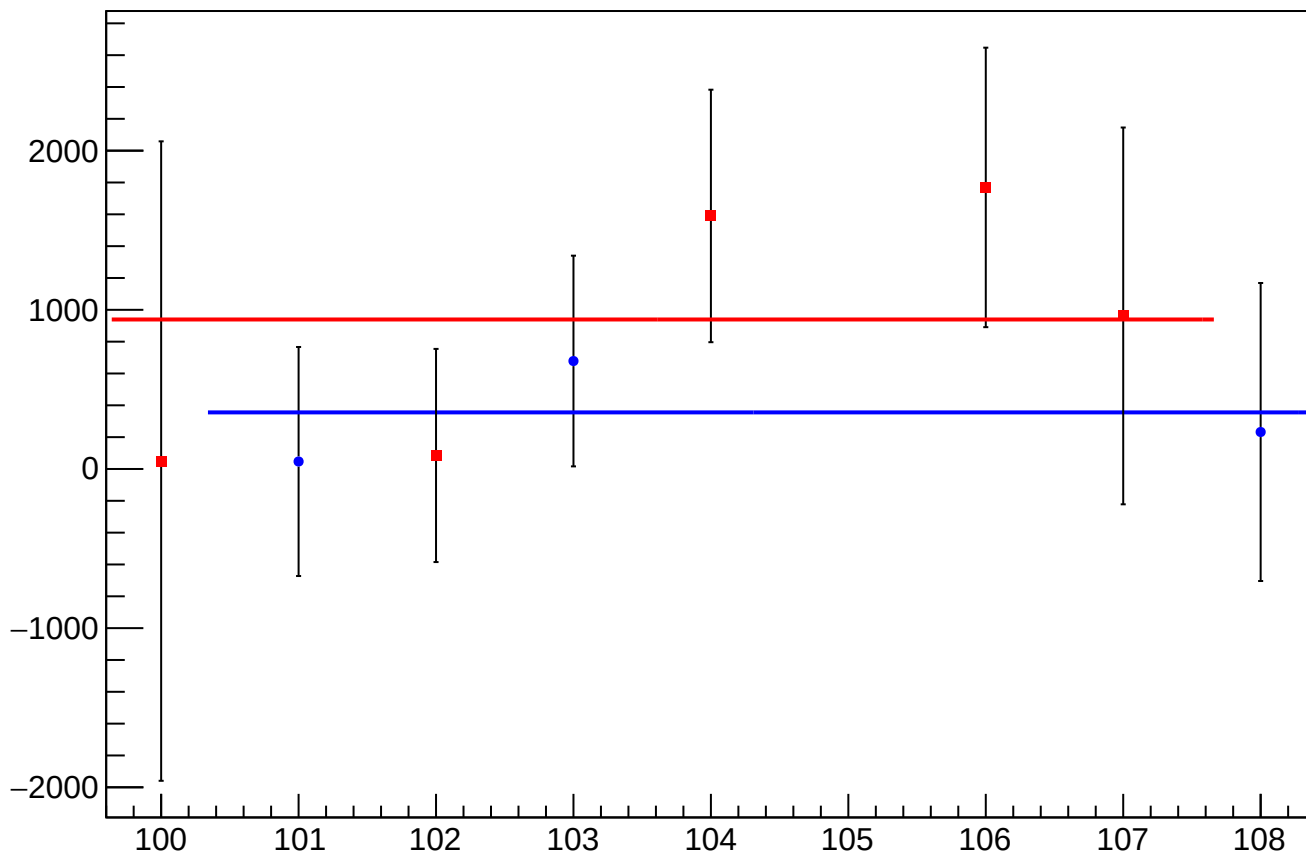
Right: 88.228+/-0.034 χ^2/NDF : 52938.1/7

In: 91.577+/-0.051 χ^2/NDF : 26873.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.228+/-0.034 χ^2/NDF : 52938.1/7

asym_sam5_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 355.527+/-432.156 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 939.285+/-405.615 χ^2/NDF : 3.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

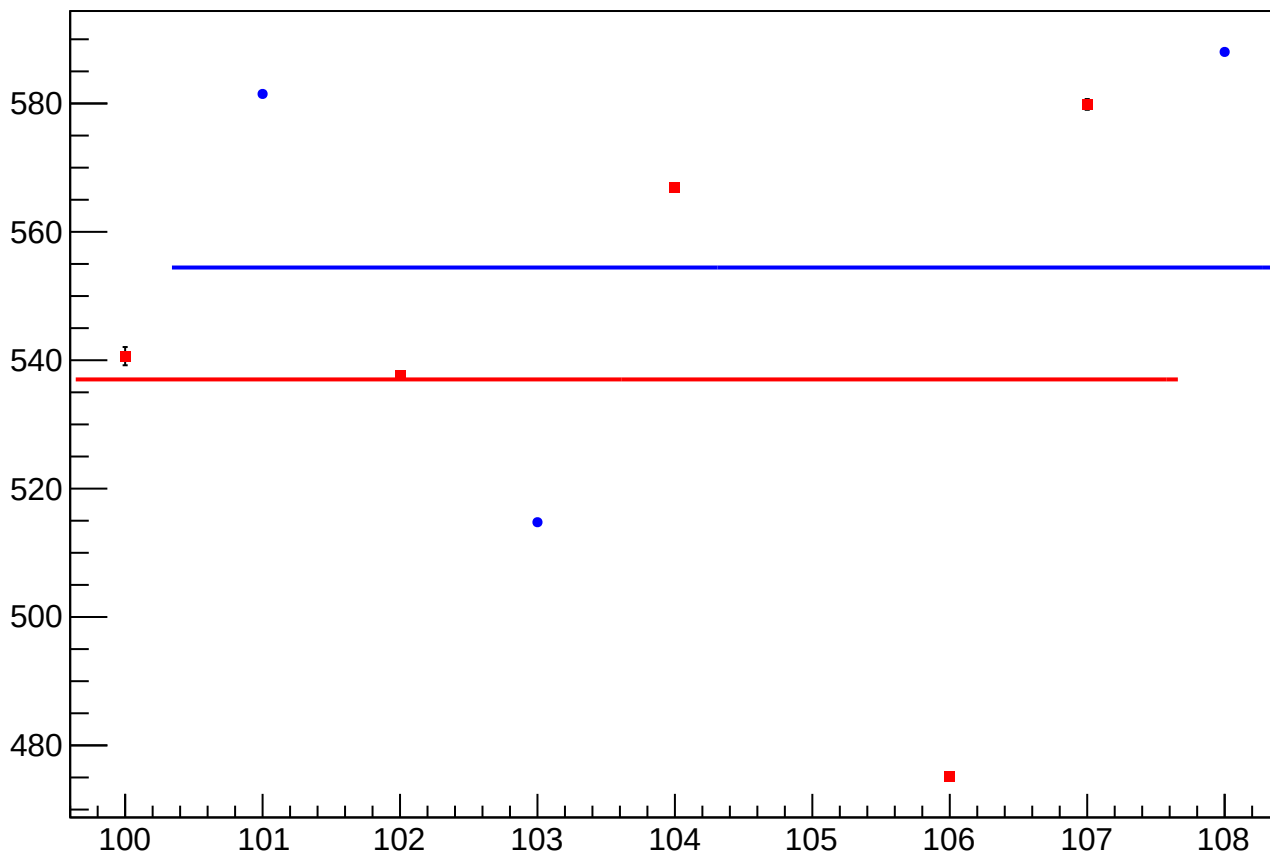
Right: 665.881+/-295.751 χ^2/NDF : 4.8/7

In: 355.527+/-432.156 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 665.881+/-295.751 χ^2/NDF : 4.8/7

asym_sam5_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 554.444+/-0.306 χ^2/NDF : 12584.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 537.010+/-0.287 χ^2/NDF : 15418.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

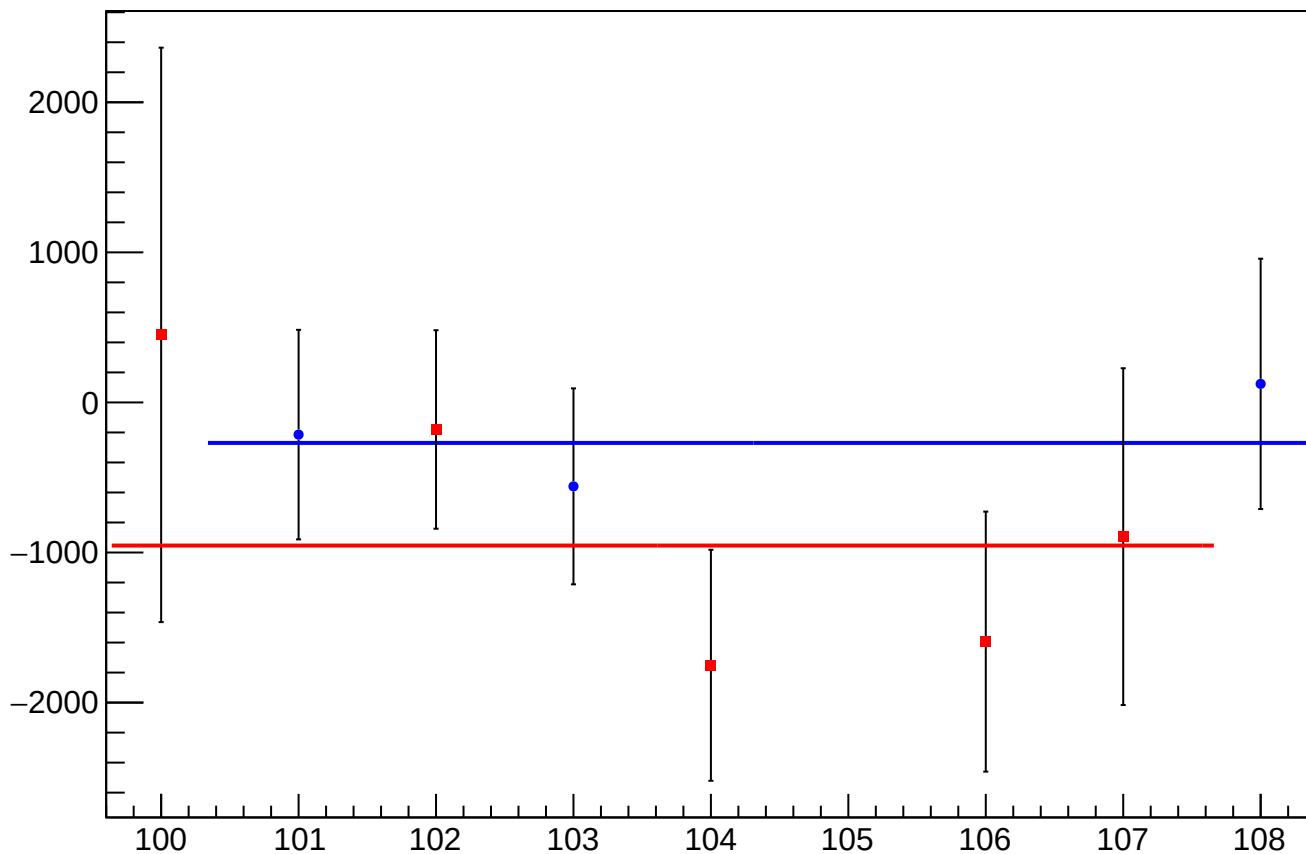
Right: 545.176+/-0.209 χ^2/NDF : 29733.2/7

In: 554.444+/-0.306 χ^2/NDF : 12584.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 545.176+/-0.209 χ^2/NDF : 29733.2/7

asym_sam5_mean vs Slug, Sign Corrected



Right In: -269.741+/-413.982 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -953.683+/-396.111 χ^2/NDF : 3.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

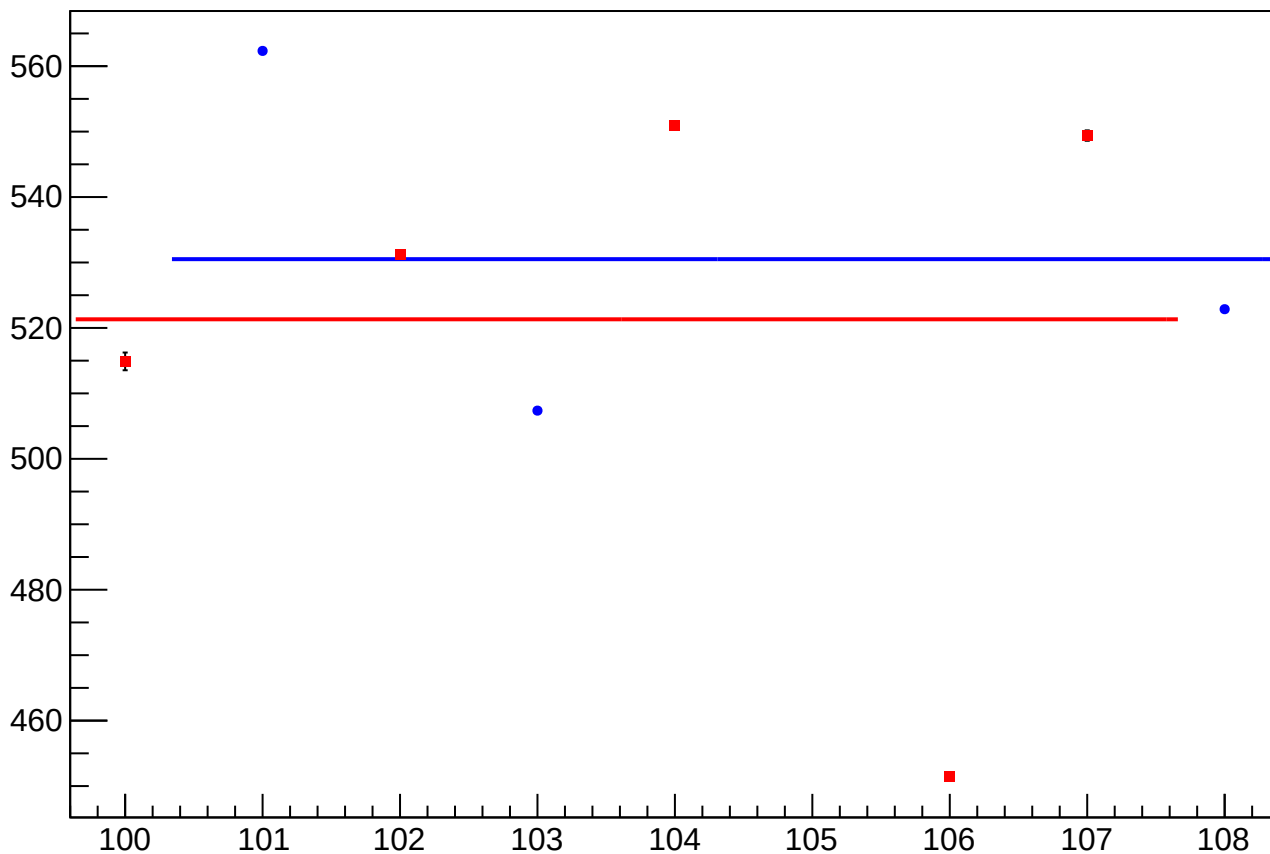
Right: -626.793+/-286.202 χ^2/NDF : 5.4/7

In: -269.741+/-413.982 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -626.793+/-286.202 χ^2/NDF : 5.4/7

asym_sam5_rms vs Slug, Sign Corrected



Right In: 530.509 $\pm$ 0.293 χ^2 /NDF: 6835.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 521.319 $\pm$ 0.280 χ^2 /NDF: 17708.3/4

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

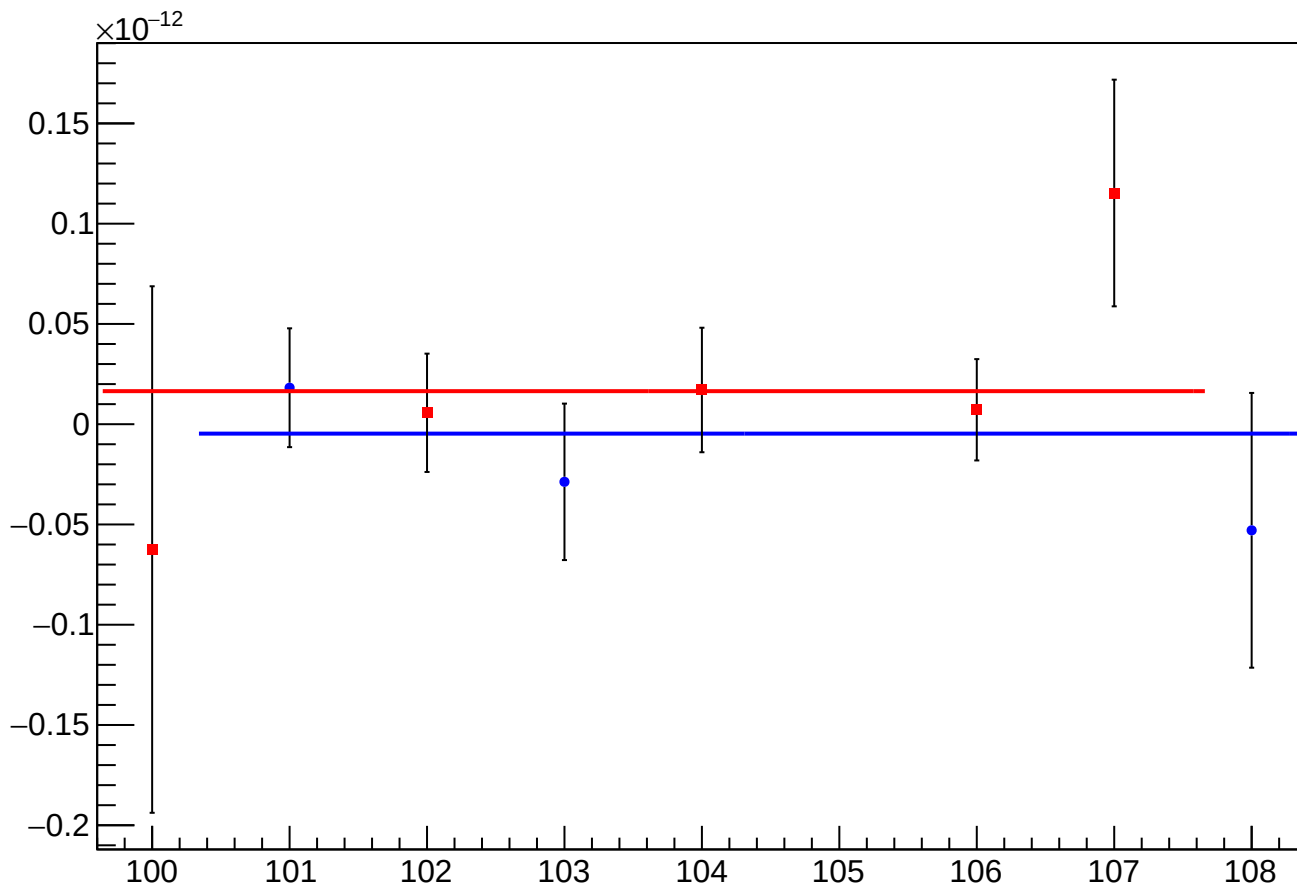
Right: 525.712 $\pm$ 0.202 χ^2 /NDF: 25058.2/7

In: 530.509 $\pm$ 0.293 χ^2 /NDF:6835.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 525.712 $\pm$ 0.202 χ^2 /NDF: 25058.2/7

asym_sam5_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 1.5/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 3.7/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

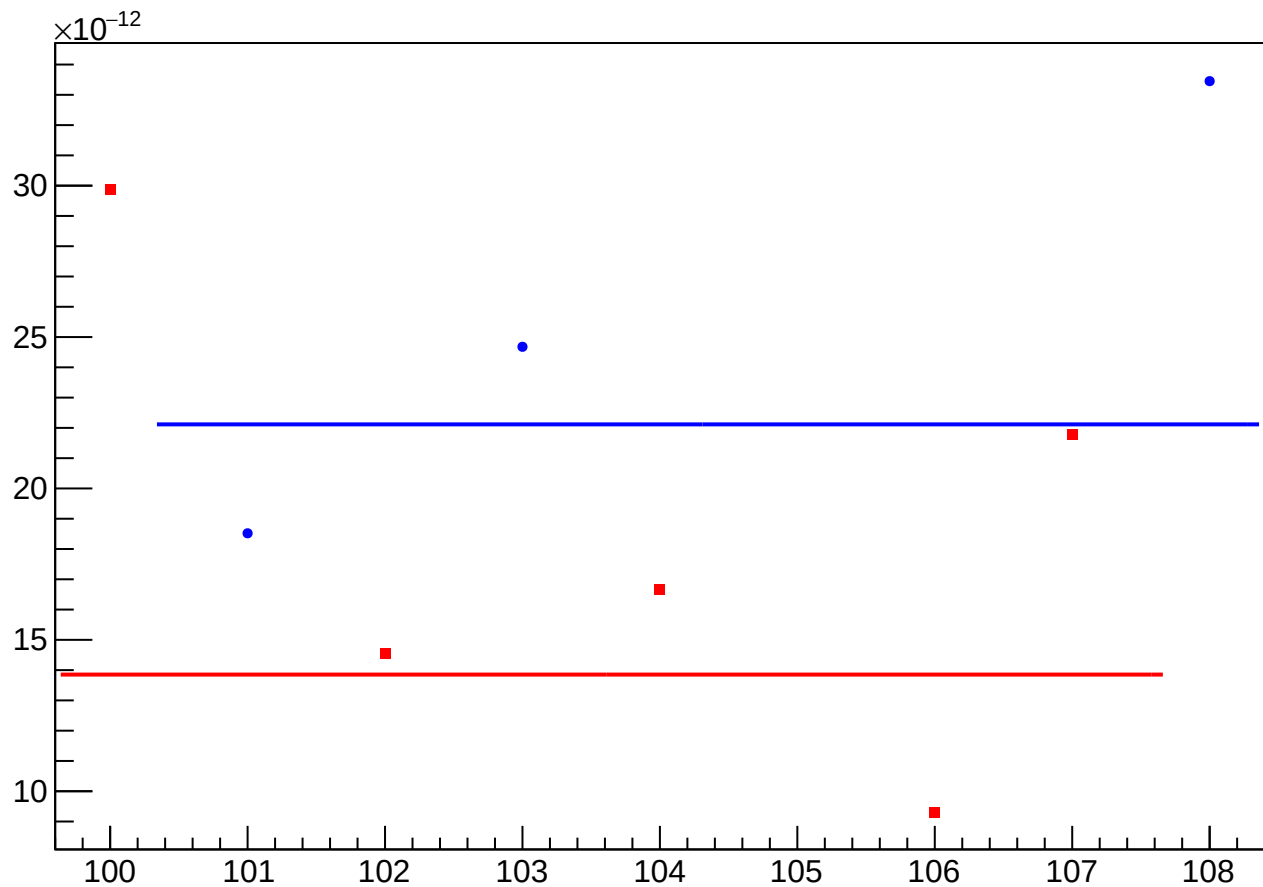
Right: 0.000+/-0.000 χ^2 /NDF: 5.8/7

In: -0.000+/-0.000 χ^2 /NDF:1.5/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 5.8/7

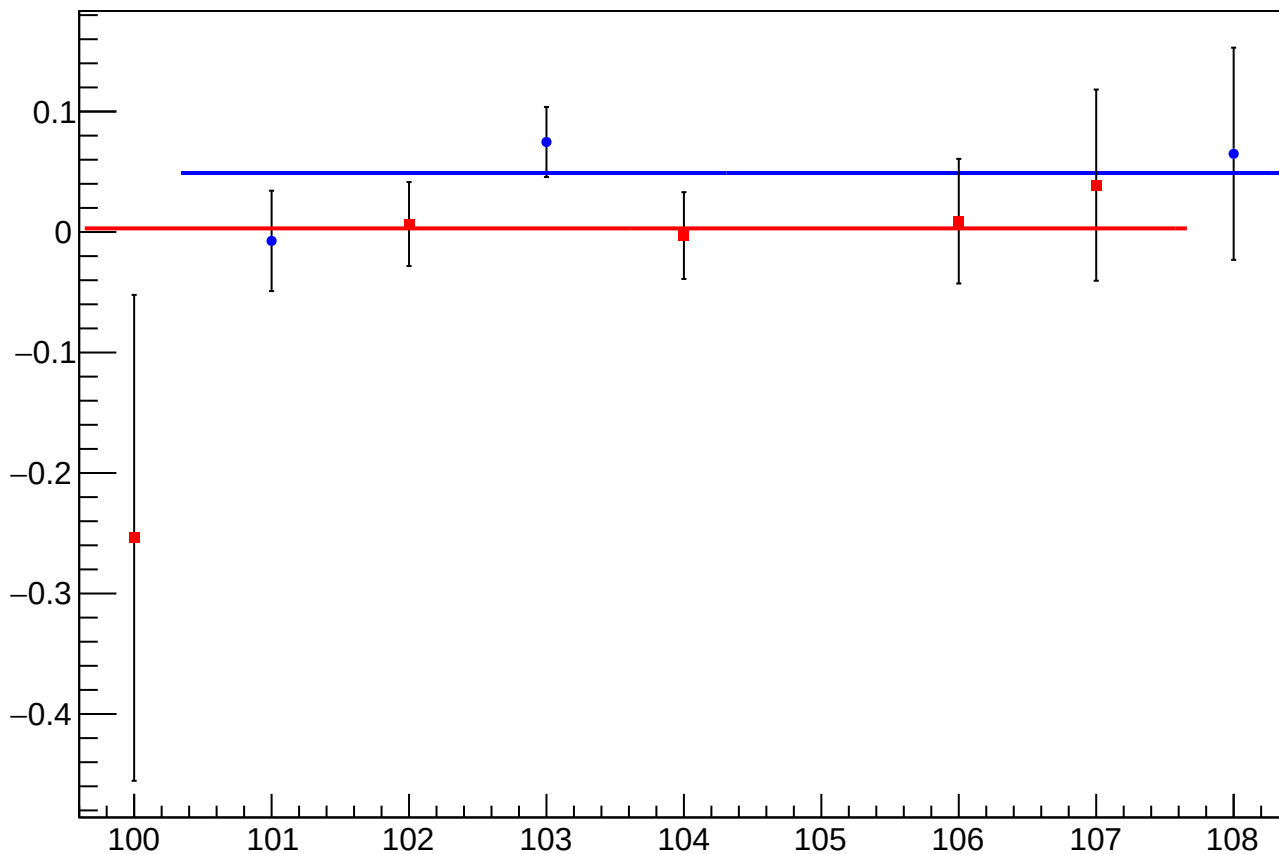
asym_sam5_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 92864.1/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 151370.9/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 428738.7/7
 In: 0.000+/-0.000 χ^2/NDF : 92864.1/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 428738.7/7

asym_sam5_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.049 $\pm$ 0.023 χ^2 /NDF: 2.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.022 χ^2 /NDF: 1.9/4

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

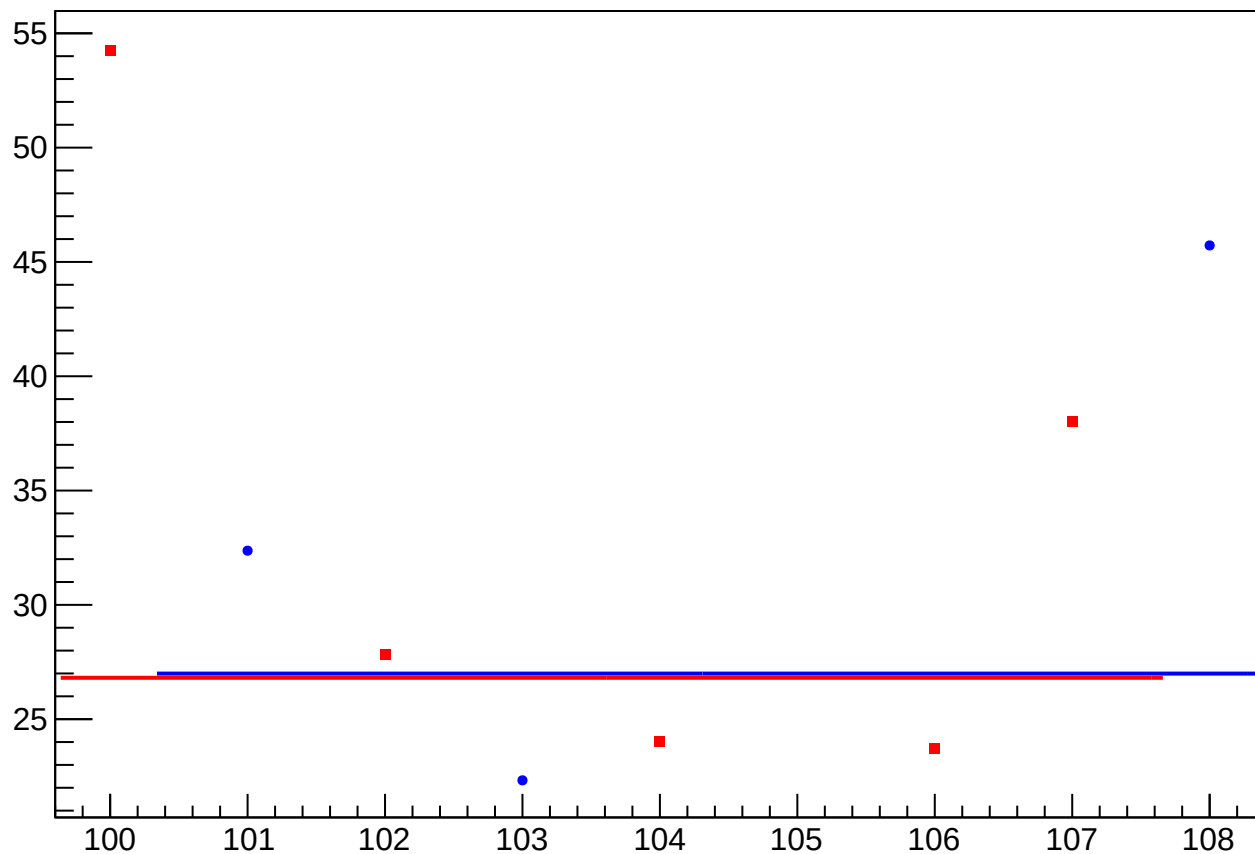
Right: 0.024 $\pm$ 0.016 χ^2 /NDF: 6.6/7

In: 0.049 $\pm$ 0.023 χ^2 /NDF:2.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.024 $\pm$ 0.016 χ^2 /NDF: 6.6/7

asym_sam5_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.995+/-0.016 χ^2/NDF : 175237.8/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 26.811+/-0.015 χ^2/NDF : 97576.6/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

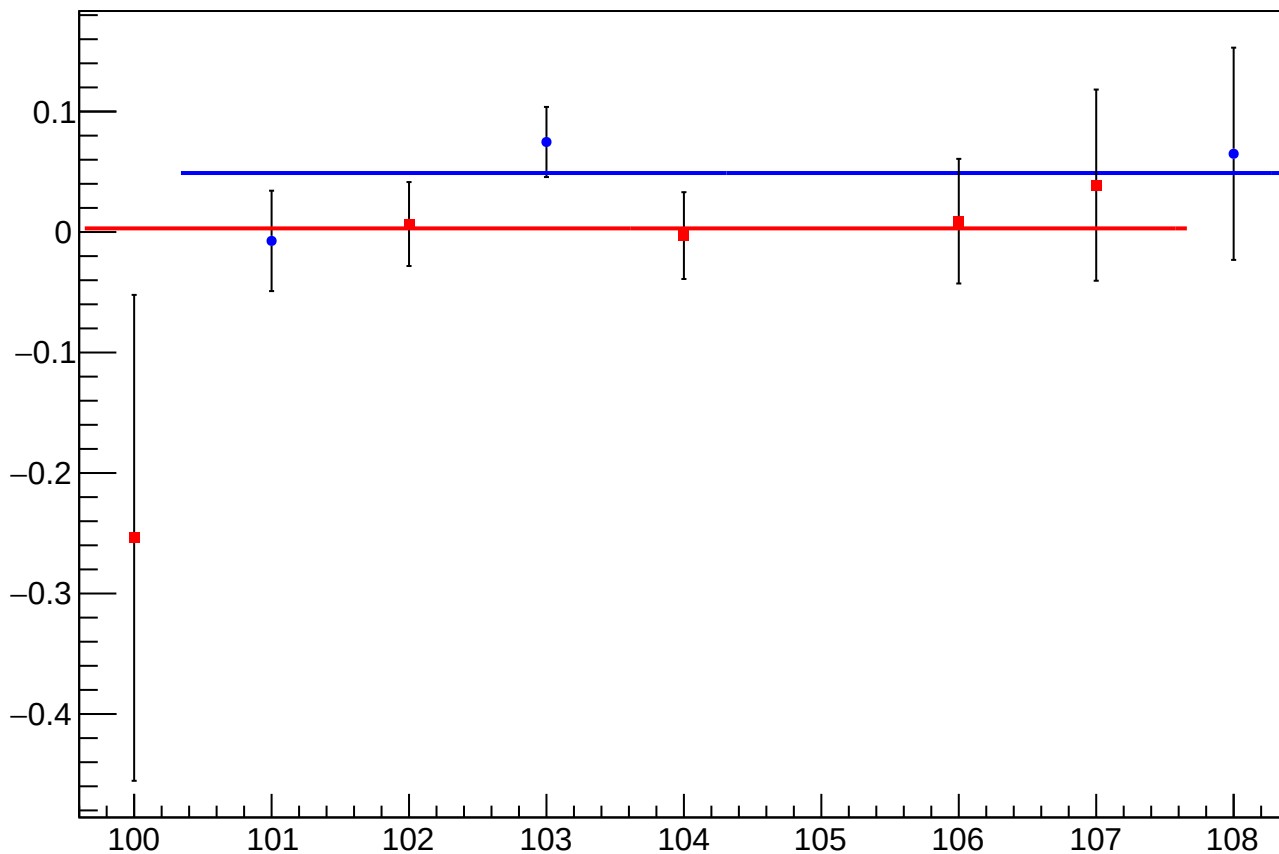
Right: 26.897+/-0.011 χ^2/NDF : 272882.0/7

In: 26.995+/-0.016 χ^2/NDF :175237.8/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 26.897+/-0.011 χ^2/NDF : 272882.0/7

asym_sam5_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.049 $\pm$ 0.023 χ^2 /NDF: 2.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.022 χ^2 /NDF: 1.9/4

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

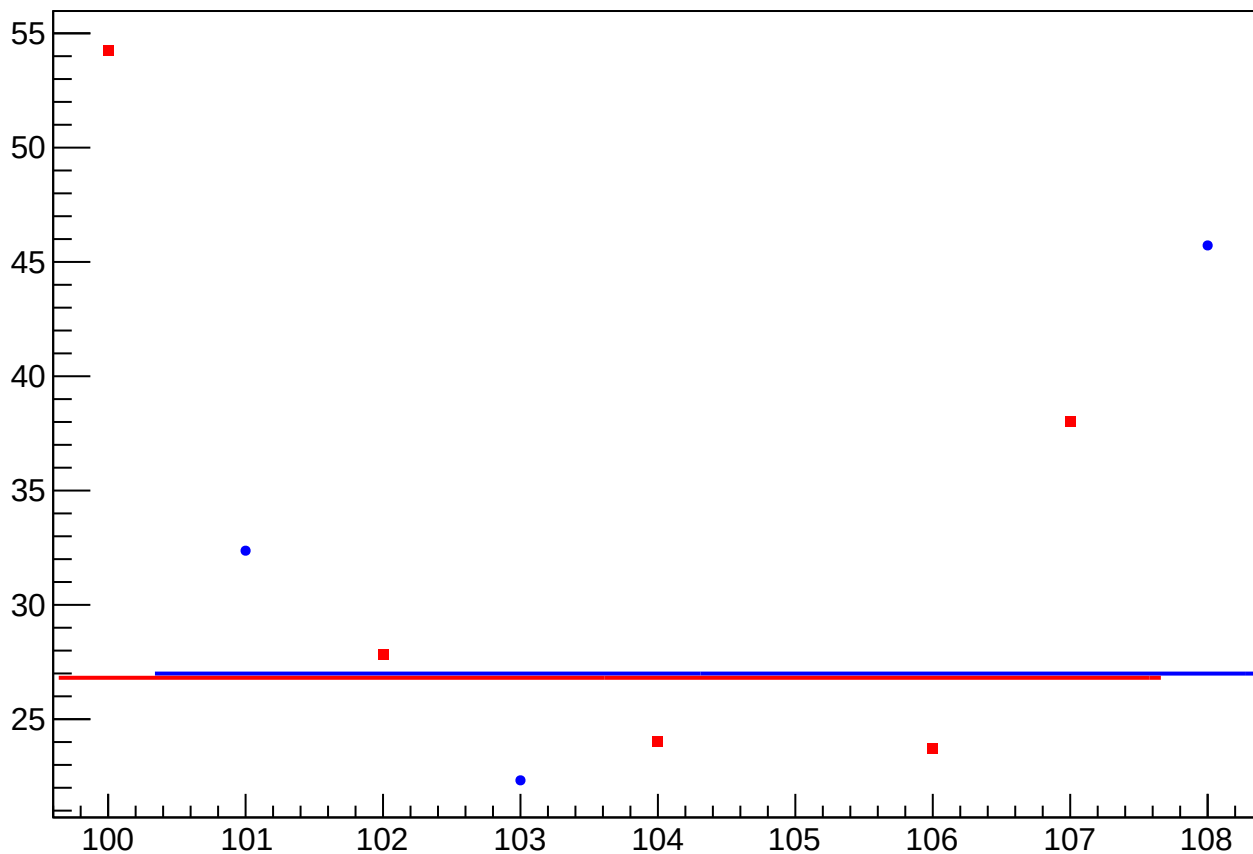
Right: 0.024 $\pm$ 0.016 χ^2 /NDF: 6.6/7

In: 0.049 $\pm$ 0.023 χ^2 /NDF:2.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.024 $\pm$ 0.016 χ^2 /NDF: 6.6/7

asym_sam5_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.995+/-0.016 χ^2/NDF : 175237.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.811+/-0.015 χ^2/NDF : 97576.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

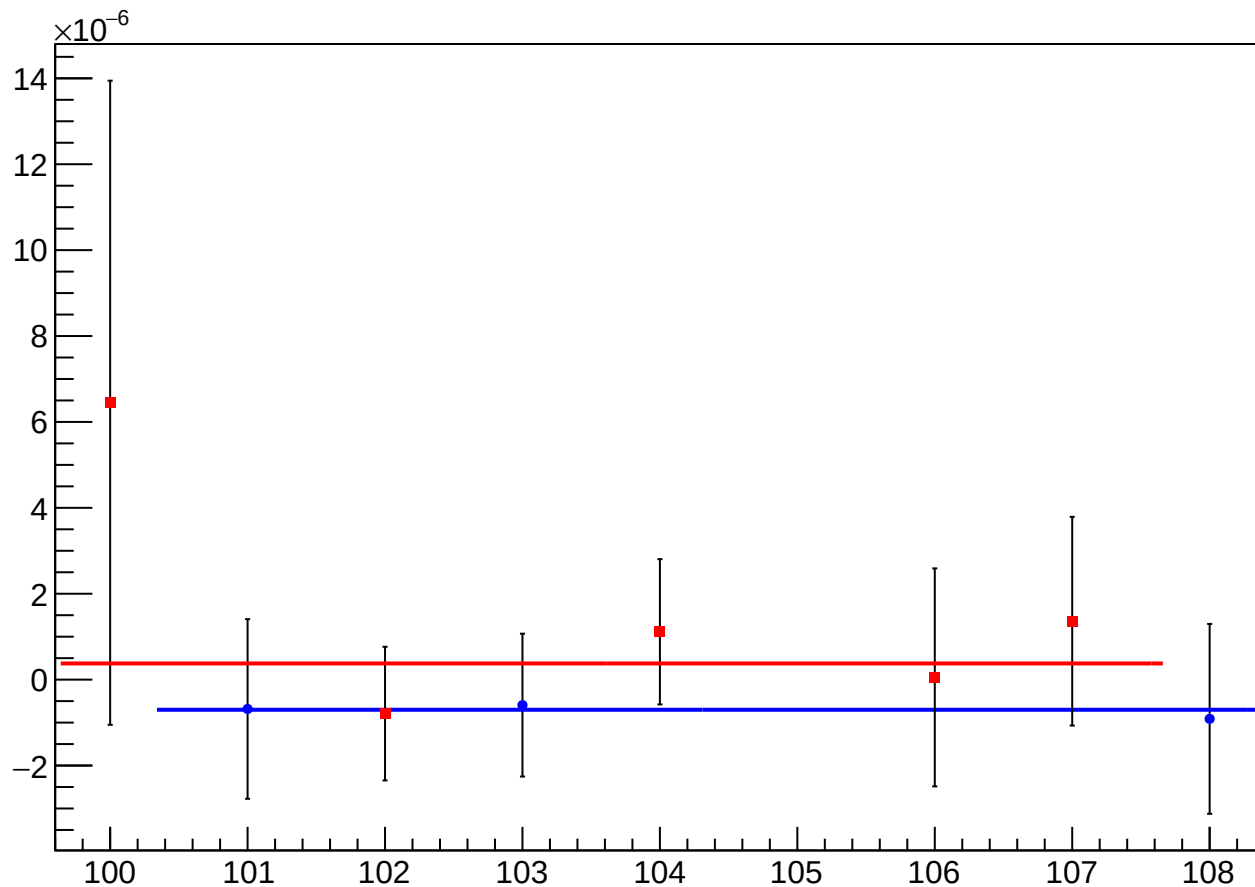
Right: 26.897+/-0.011 χ^2/NDF : 272882.0/7

In: 26.995+/-0.016 χ^2/NDF : 175237.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.897+/-0.011 χ^2/NDF : 272882.0/7

asym_sam5_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

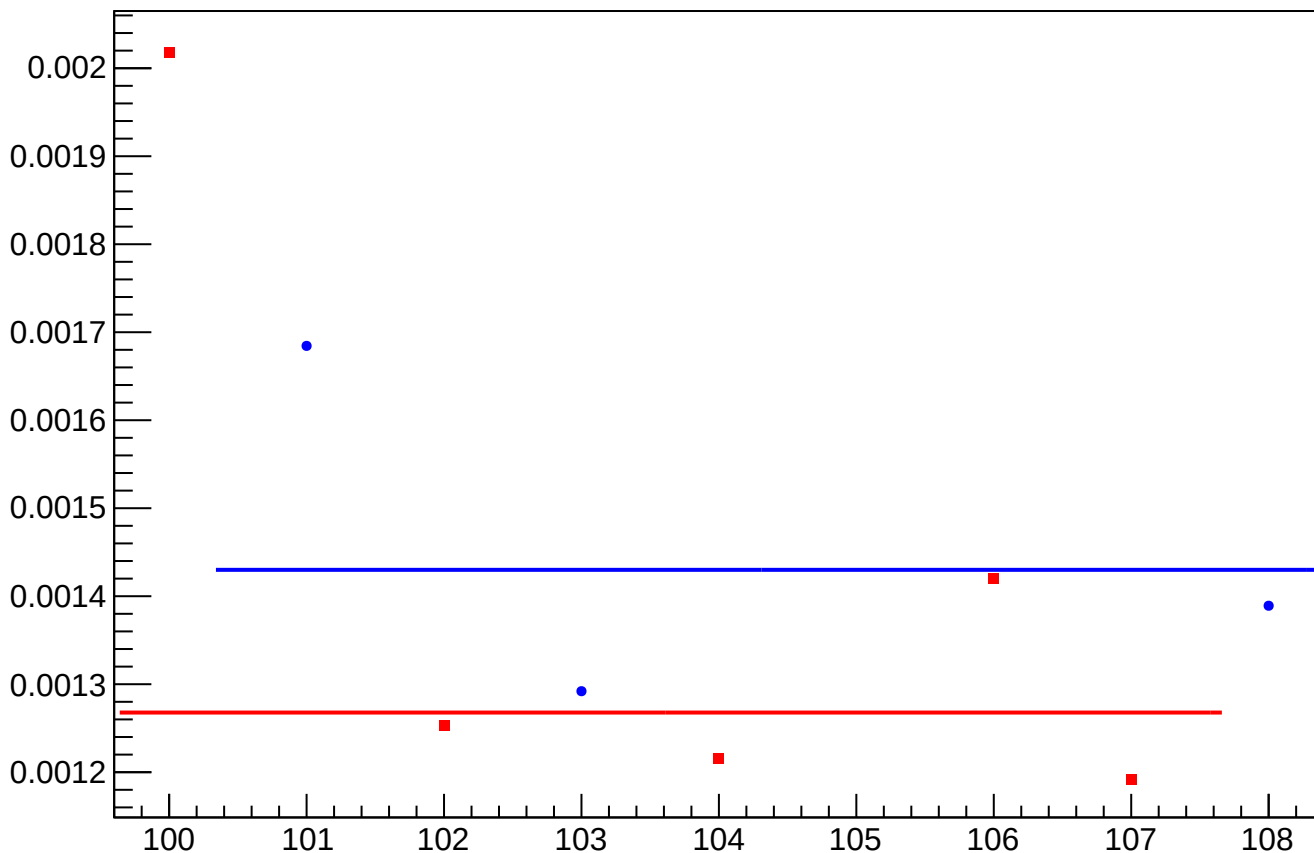
Right: -0.000+/-0.000 χ^2/NDF : 2.1/7

In: -0.000+/-0.000 χ^2/NDF : 0.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 2.1/7

asym_sam5_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 44061.5/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 31257.4/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

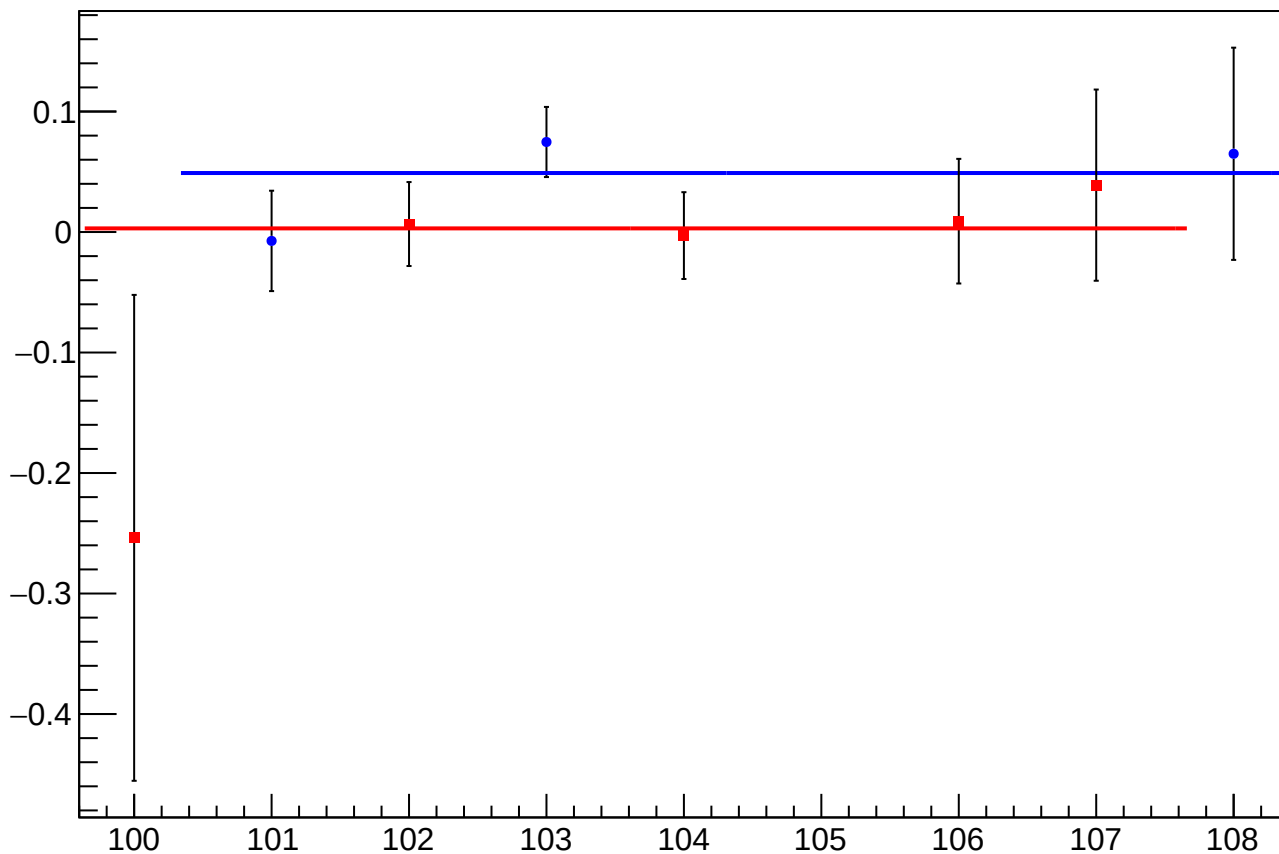
Right: 0.001+/-0.000 χ^2/NDF : 99638.4/7

In: 0.001+/-0.000 χ^2/NDF :44061.5/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 99638.4/7

asym_sam5_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.049 $\pm$ 0.023 χ^2 /NDF: 2.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.022 χ^2 /NDF: 1.9/4

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

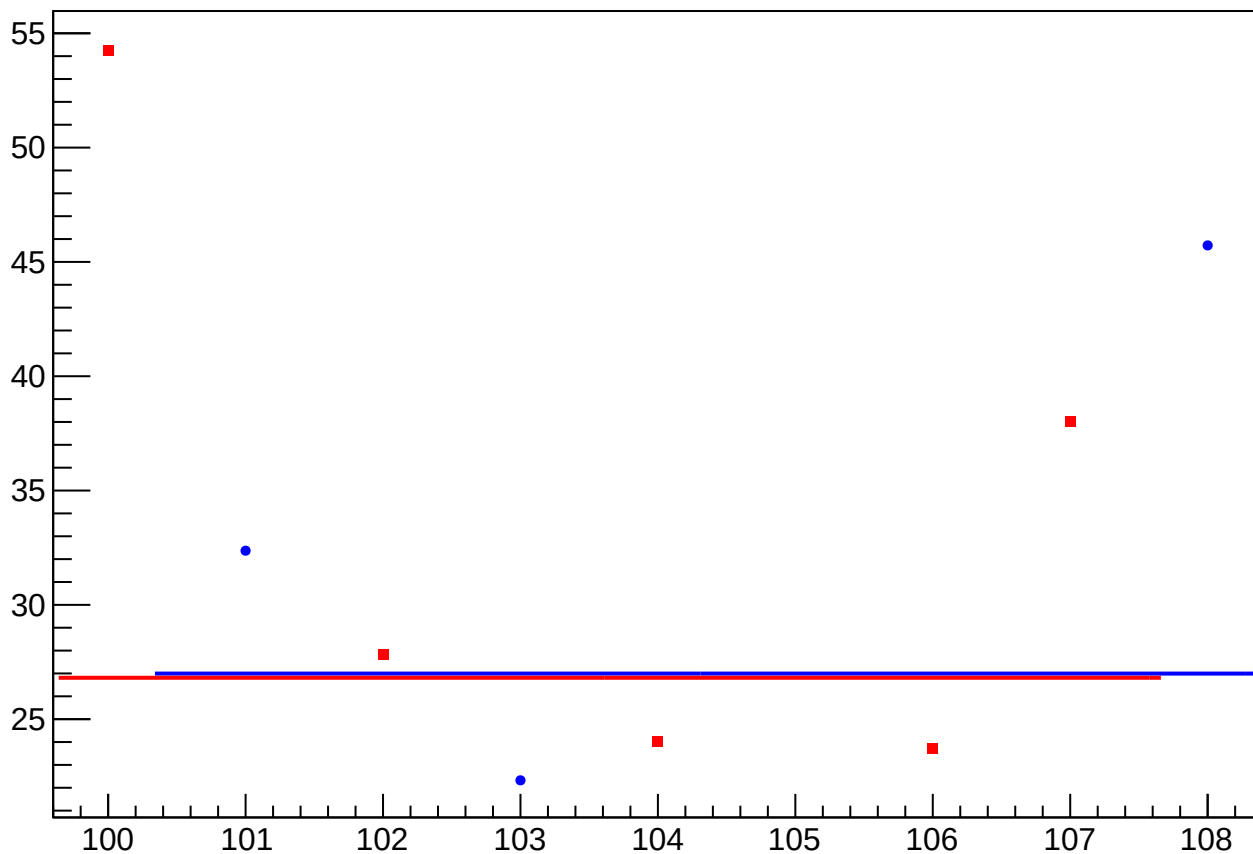
Right: 0.024 $\pm$ 0.016 χ^2 /NDF: 6.6/7

In: 0.049 $\pm$ 0.023 χ^2 /NDF:2.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.024 $\pm$ 0.016 χ^2 /NDF: 6.6/7

asym_sam5_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.994+/-0.016 χ^2/NDF : 175231.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.811+/-0.015 χ^2/NDF : 97581.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

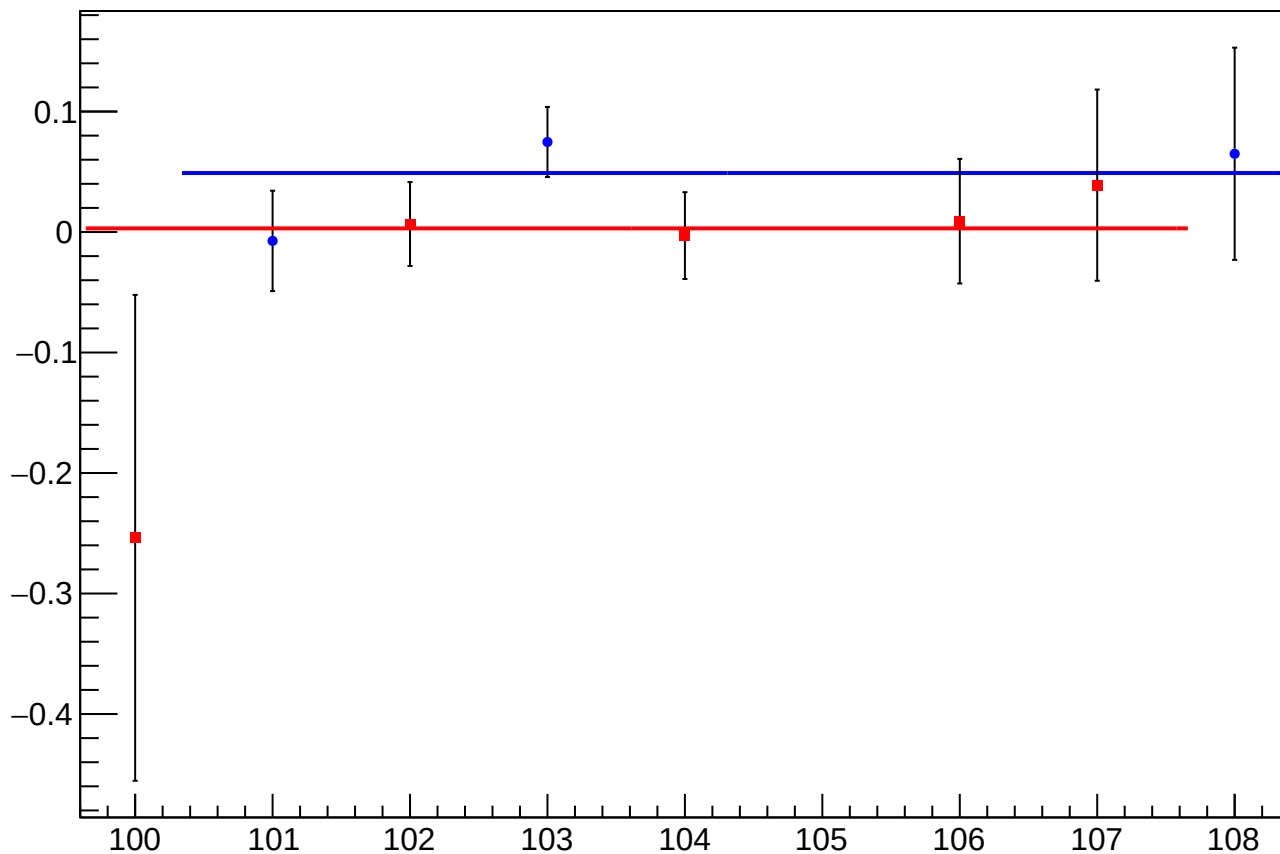
Right: 26.896+/-0.011 χ^2/NDF : 272880.2/7

In: 26.994+/-0.016 χ^2/NDF : 175231.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.896+/-0.011 χ^2/NDF : 272880.2/7

asym_sam5_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.049 $\pm$ 0.023 χ^2 /NDF: 2.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.022 χ^2 /NDF: 1.9/4

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

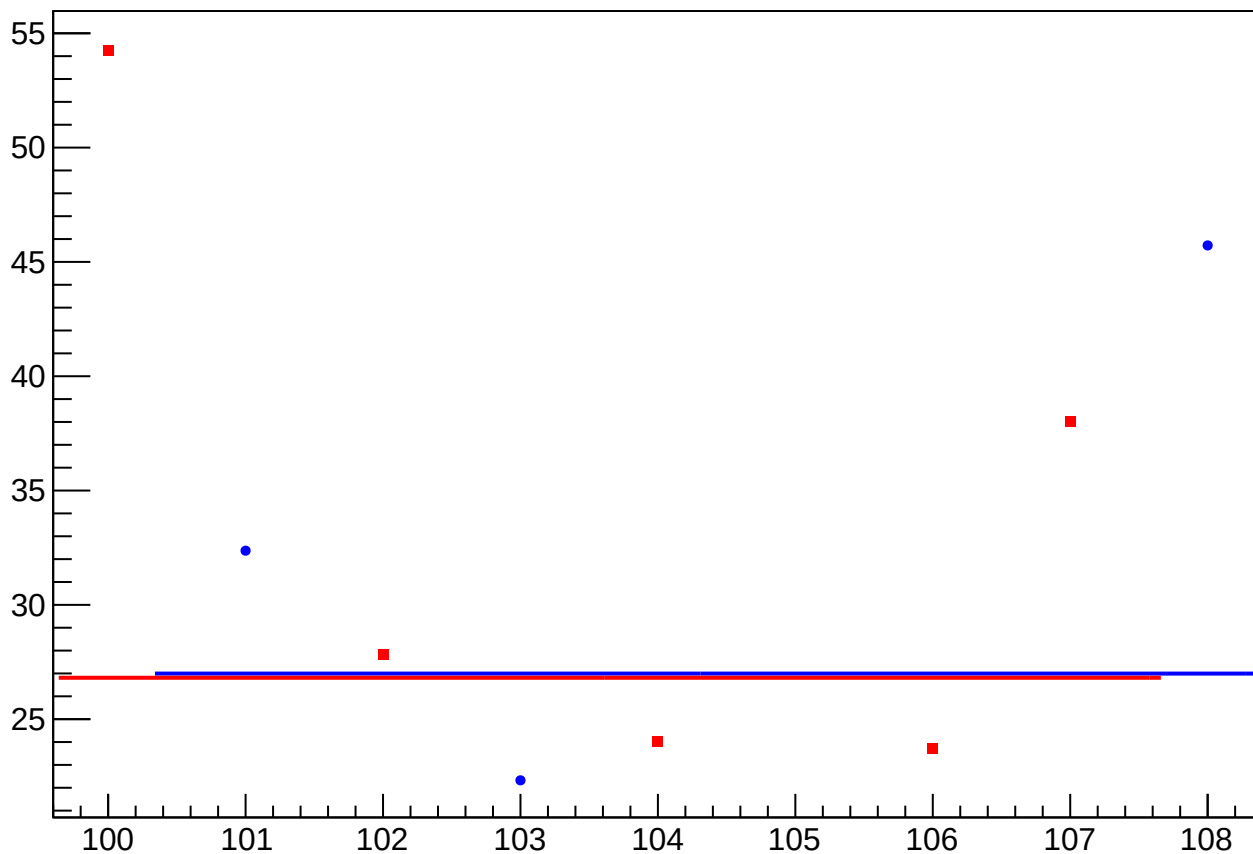
Right: 0.024 $\pm$ 0.016 χ^2 /NDF: 6.6/7

In: 0.049 $\pm$ 0.023 χ^2 /NDF:2.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.024 $\pm$ 0.016 χ^2 /NDF: 6.6/7

asym_sam5_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.994+/-0.016 χ^2/NDF : 175231.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.811+/-0.015 χ^2/NDF : 97581.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

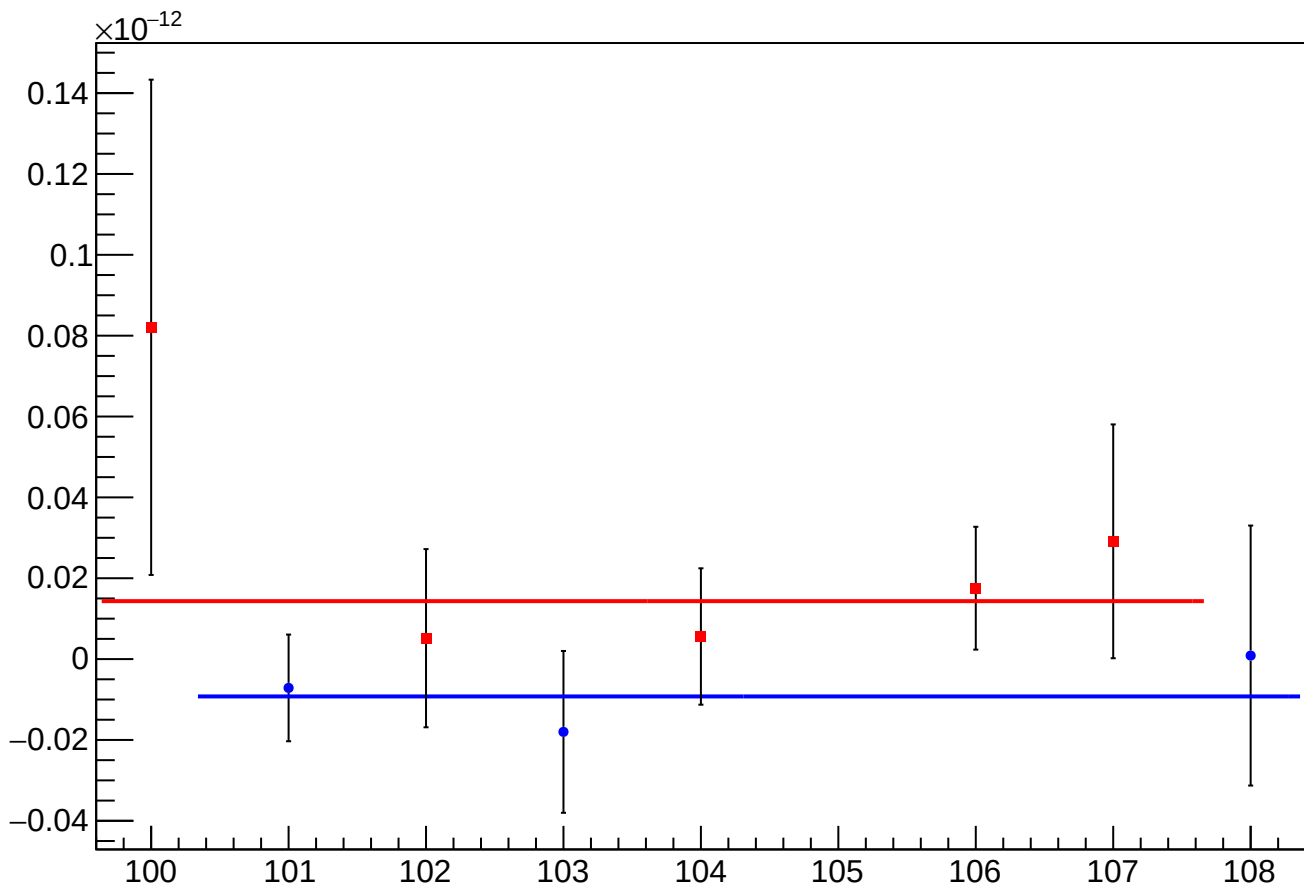
Right: 26.896+/-0.011 χ^2/NDF : 272880.2/7

In: 26.994+/-0.016 χ^2/NDF : 175231.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.896+/-0.011 χ^2/NDF : 272880.2/7

asym_sam5_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000±/-0.000 χ^2/NDF : 0.3/2

Left Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000±/-0.000 χ^2/NDF : 2.0/4

Left In: 0.000±/-0.000 χ^2/NDF : 0.0/0

Left: 0.000±/-0.000 χ^2/NDF : 0.0/0

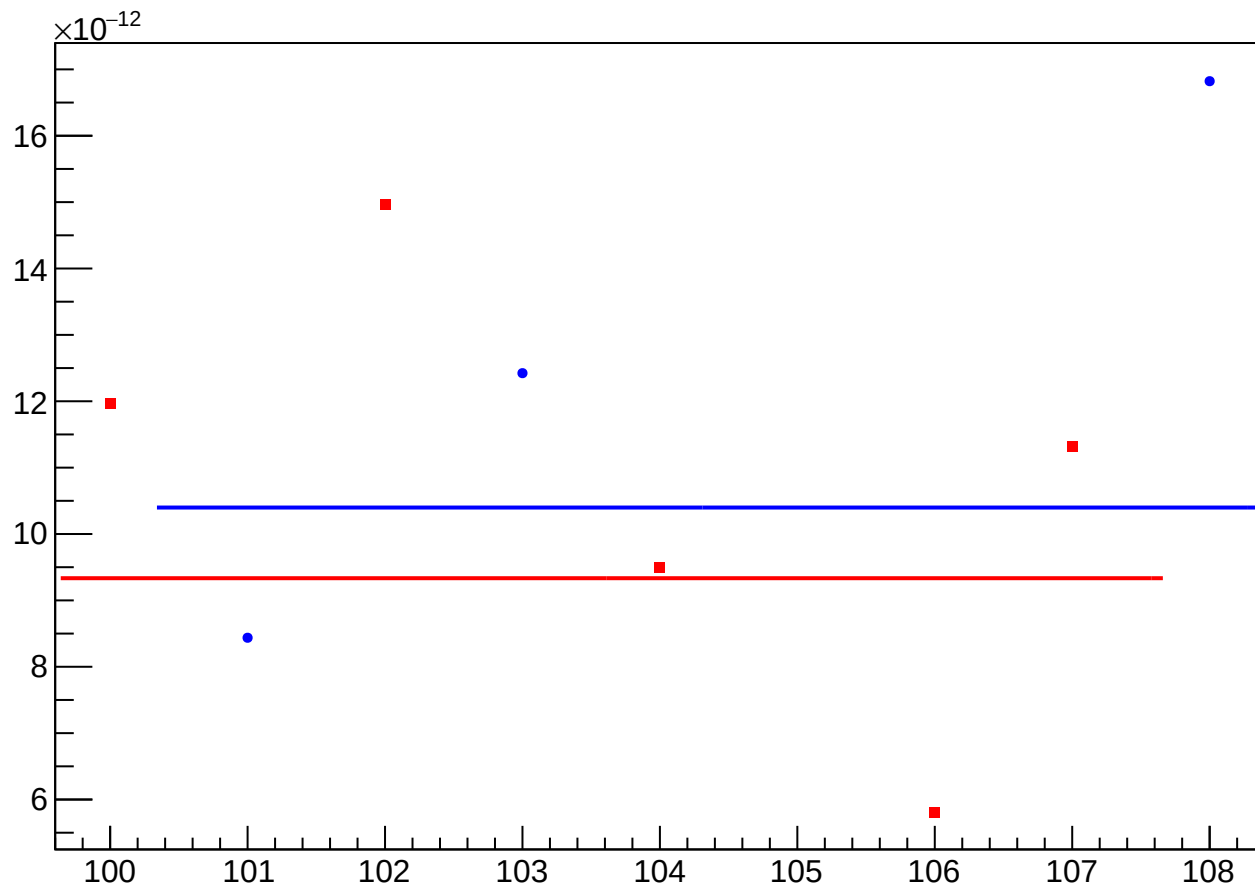
Right: 0.000±/-0.000 χ^2/NDF : 5.1/7

In: -0.000±/-0.000 χ^2/NDF : 0.3/2

Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

All: 0.000±/-0.000 χ^2/NDF : 5.1/7

asym_sam5_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 144457.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 251635.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

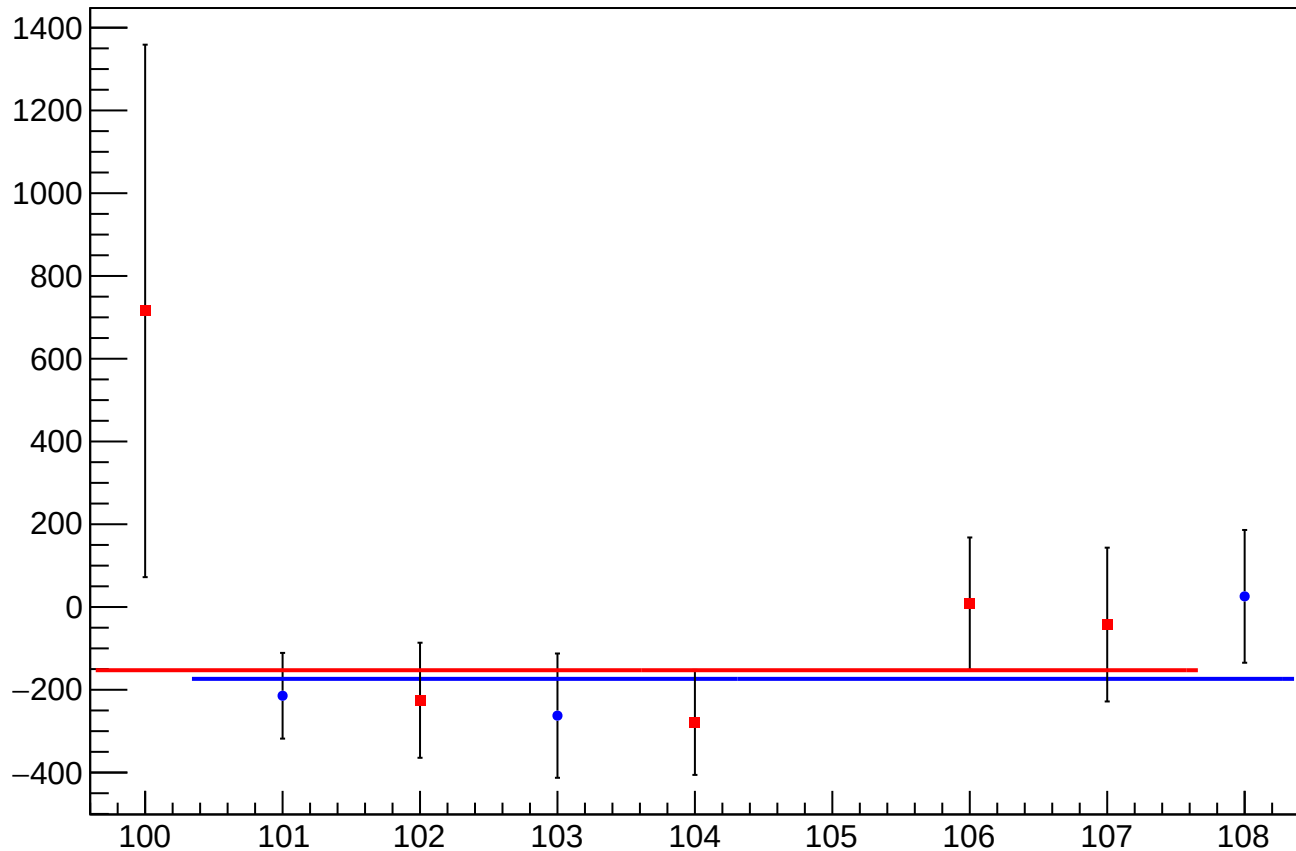
Right: 0.000+/-0.000 χ^2/NDF : 407624.7/7

In: 0.000+/-0.000 χ^2/NDF : 144457.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 407624.7/7

reg_asym_sam6_mean vs Slug, Sign Corrected



Right In: -173.623+/-75.291 χ^2/NDF : 2.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -152.746+/-73.652 χ^2/NDF : 4.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

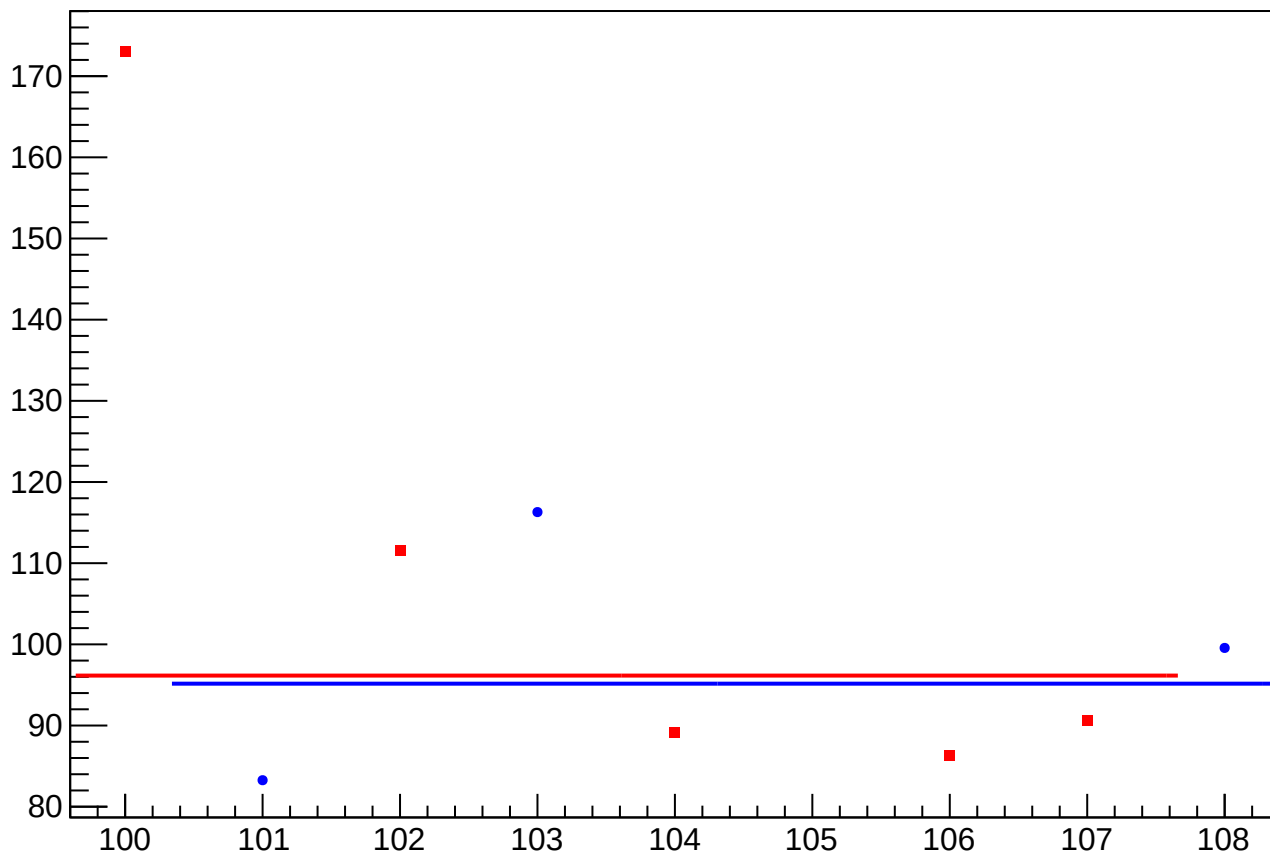
Right: -162.955+/-52.650 χ^2/NDF : 6.5/7

In: -173.623+/-75.291 χ^2/NDF : 2.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -162.955+/-52.650 χ^2/NDF : 6.5/7

reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 95.157+/-0.053 χ^2/NDF : 67494.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.153+/-0.052 χ^2/NDF : 68393.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

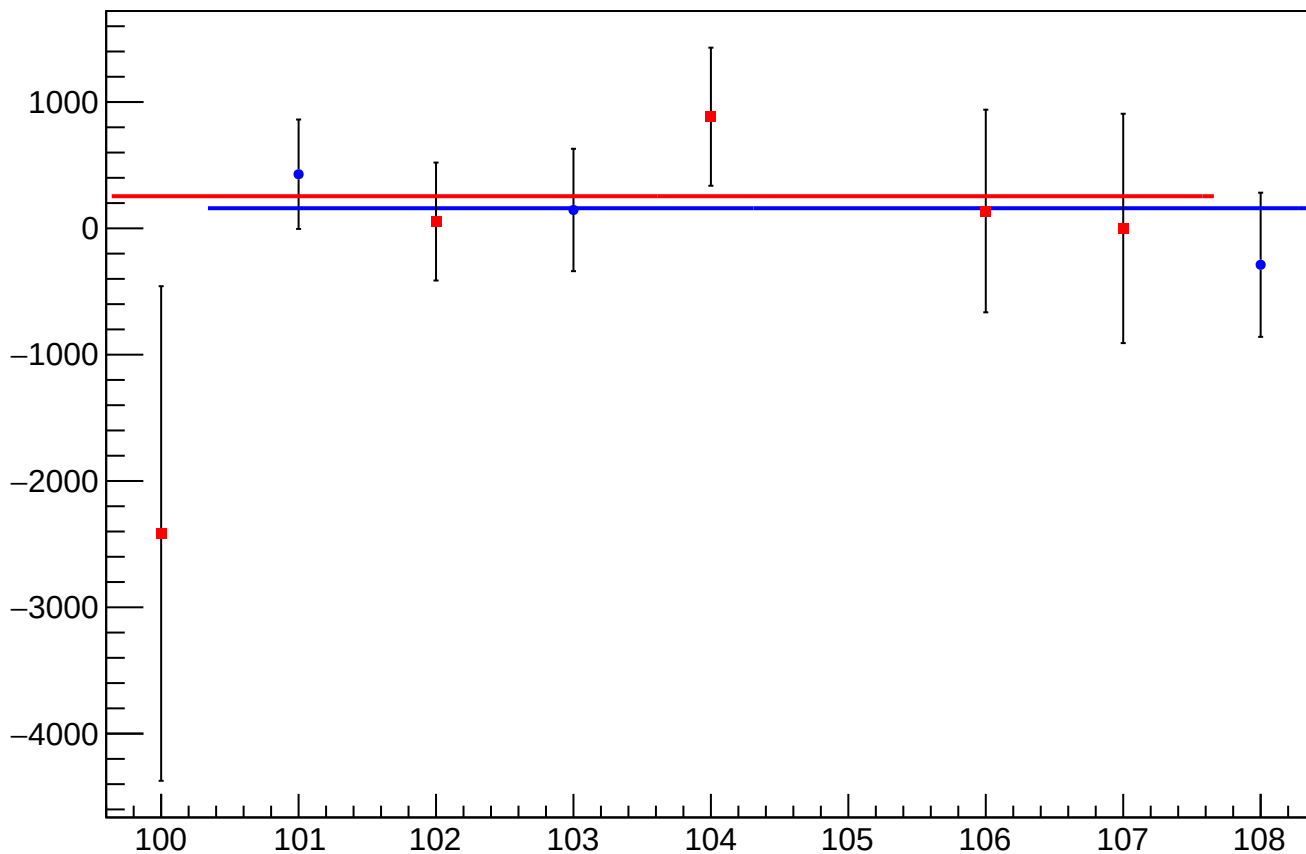
Right: 95.666+/-0.037 χ^2/NDF : 136067.1/7

In: 95.157+/-0.053 χ^2/NDF : 67494.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.666+/-0.037 χ^2/NDF : 136067.1/7

asym_sam6_reg_correction_mean vs Slug, Sign Corrected



Right In: 159.362 $\pm$ 281.007 χ^2 /NDF: 1.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 254.366 $\pm$ 302.002 χ^2 /NDF: 3.5/4

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

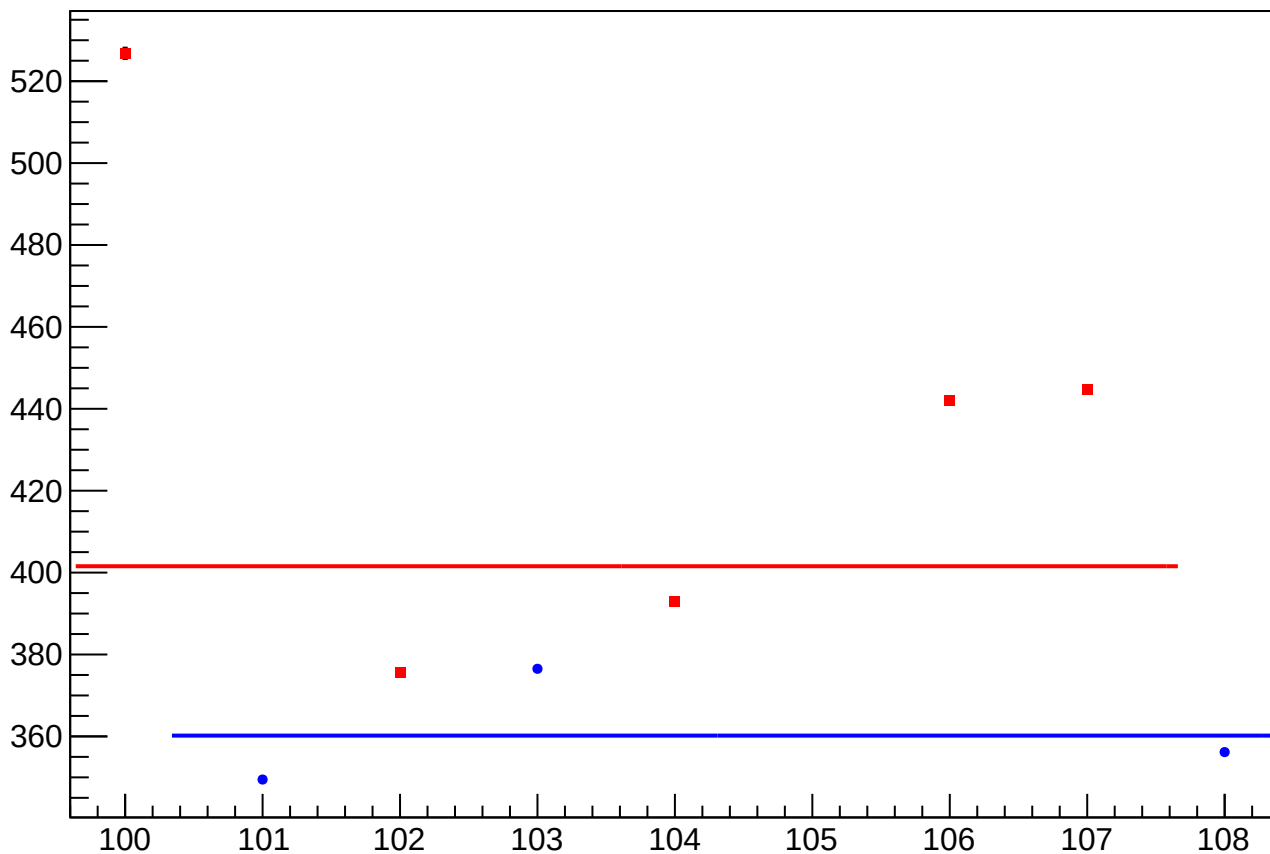
Right: 203.447 $\pm$ 205.724 χ^2 /NDF: 4.5/7

In: 159.362 $\pm$ 281.007 χ^2 /NDF:1.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 203.447 $\pm$ 205.724 χ^2 /NDF: 4.5/7

asym_sam6_reg_correction_rms vs Slug, Sign Corrected



Right In: 360.195+/-0.199 χ^2/NDF : 3595.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 401.556+/-0.214 χ^2/NDF : 24433.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

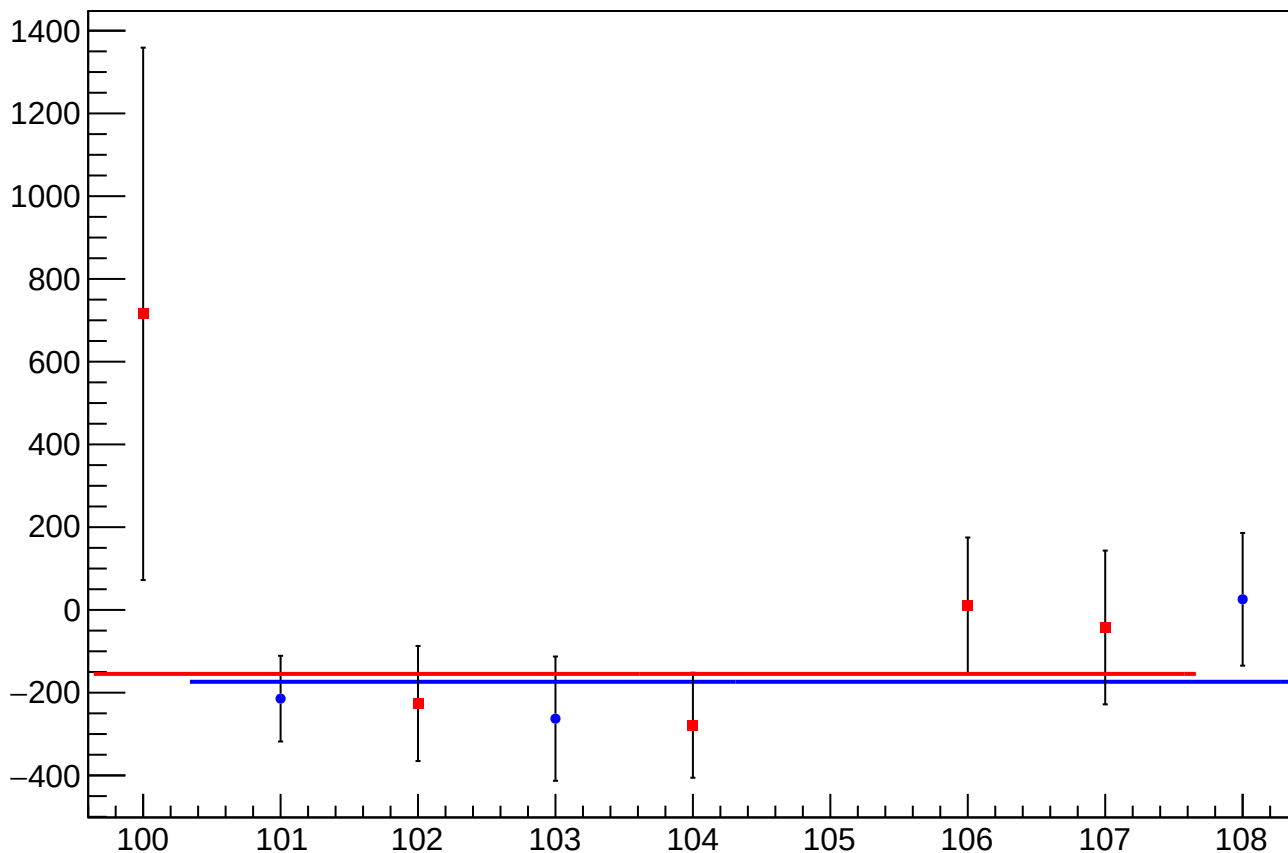
Right: 379.388+/-0.145 χ^2/NDF : 48135.3/7

In: 360.195+/-0.199 χ^2/NDF : 3595.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 379.388+/-0.145 χ^2/NDF : 48135.3/7

cor_asym_sam6_mean vs Slug, Sign Corrected



Right In: -173.694+/-75.291 χ^2/NDF : 2.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -154.608+/-74.133 χ^2/NDF : 4.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

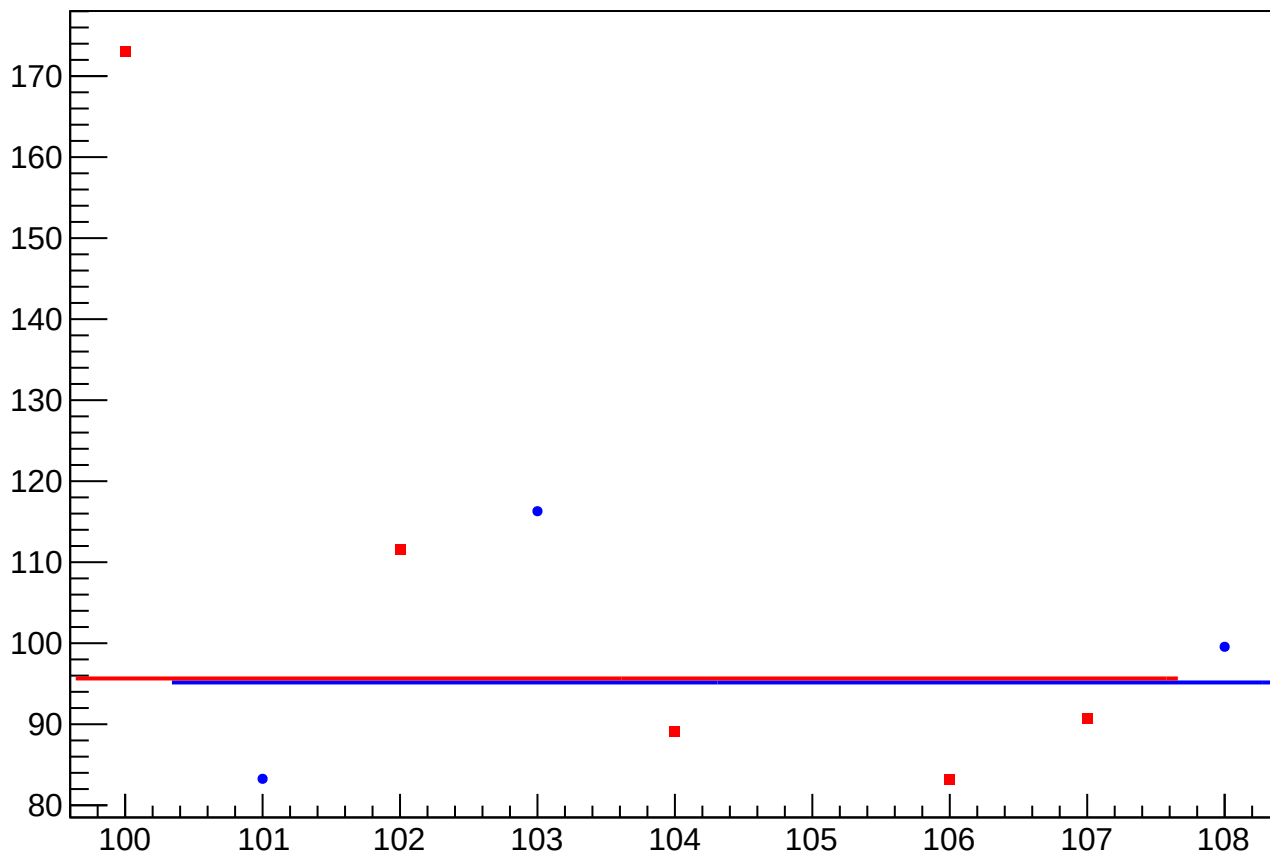
Right: -164.003+/-52.825 χ^2/NDF : 6.5/7

In: -173.694+/-75.291 χ^2/NDF : 2.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -164.003+/-52.825 χ^2/NDF : 6.5/7

cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 95.157+/-0.053 χ^2/NDF : 67496.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.650+/-0.052 χ^2/NDF : 73276.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

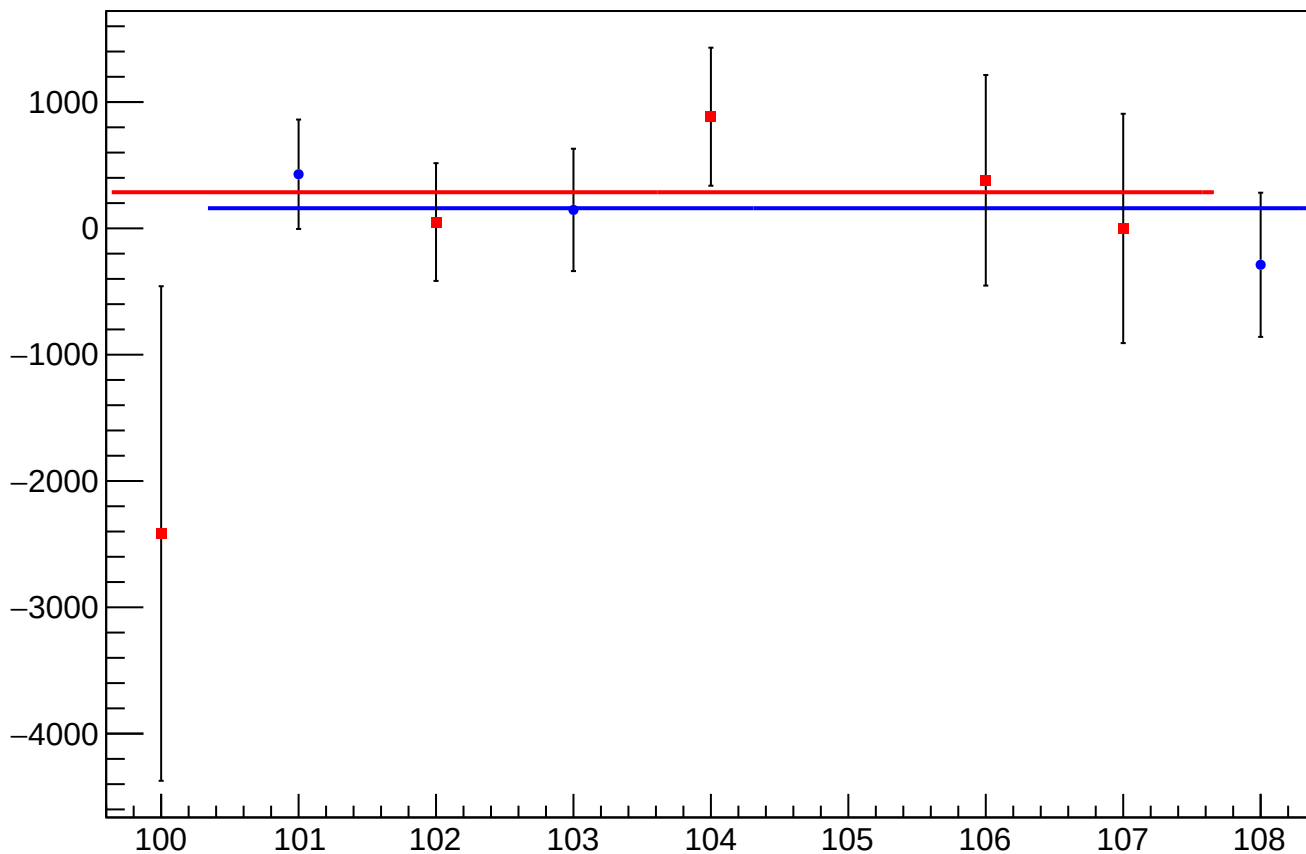
Right: 95.408+/-0.037 χ^2/NDF : 140816.3/7

In: 95.157+/-0.053 χ^2/NDF : 67496.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.408+/-0.037 χ^2/NDF : 140816.3/7

asym_sam6_cor_correction_mean vs Slug, Sign Corrected



Right In: 159.581+/-280.994 χ^2/NDF : 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 286.121+/-303.386 χ^2/NDF : 3.5/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

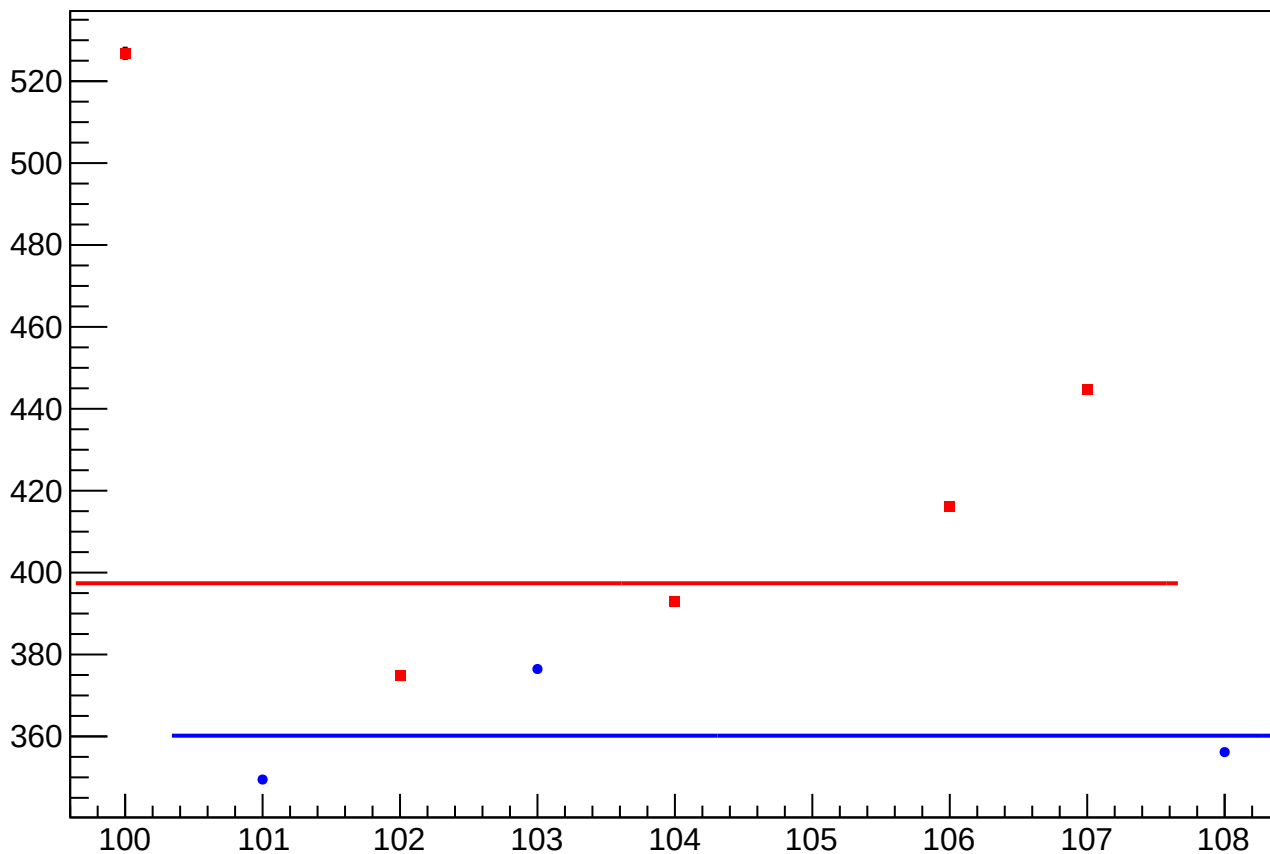
Right: 218.009+/-206.155 χ^2/NDF : 4.6/7

In: 159.581+/-280.994 χ^2/NDF :1.0/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 218.009+/-206.155 χ^2/NDF : 4.6/7

asym_sam6_cor_correction_rms vs Slug, Sign Corrected



Right In: 360.179+/-0.199 χ^2/NDF : 3581.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 397.399+/-0.215 χ^2/NDF : 19931.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

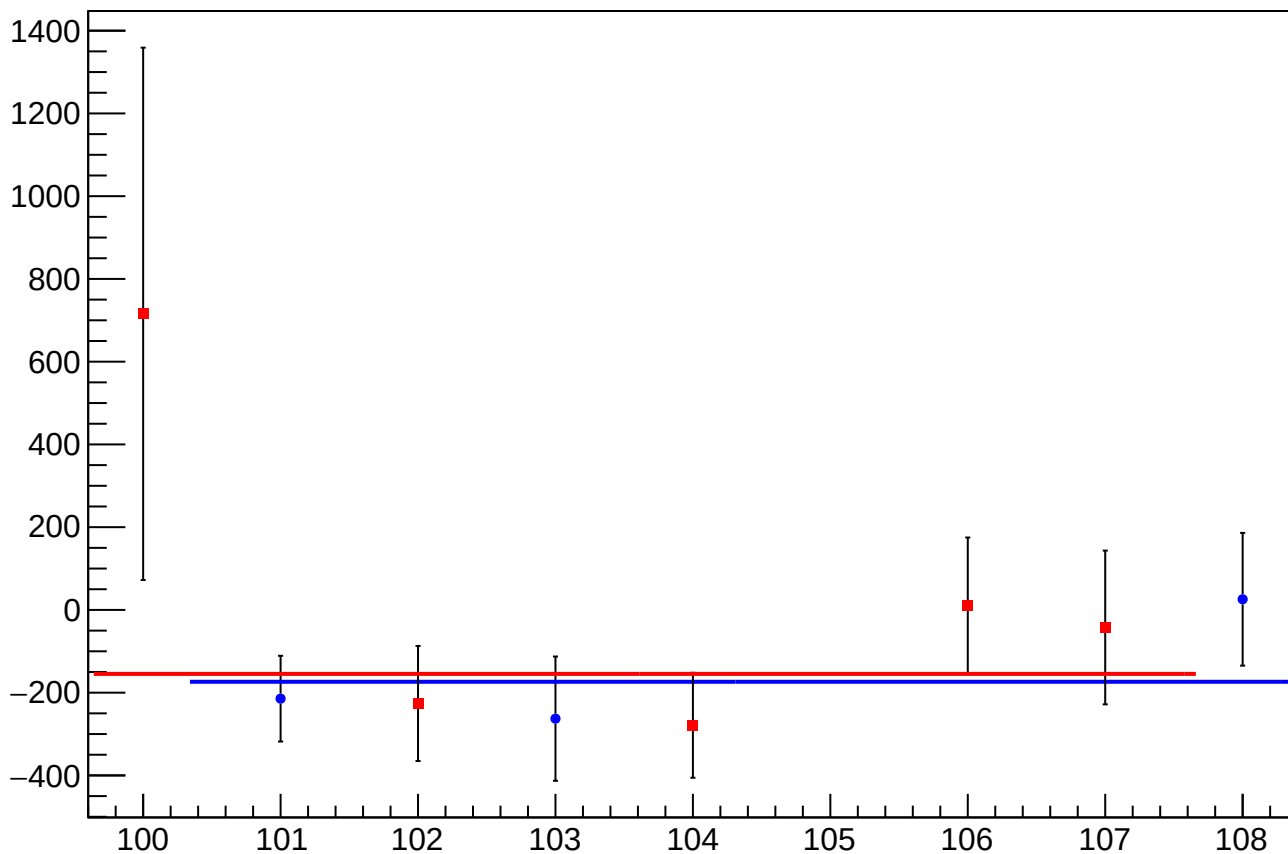
Right: 377.365+/-0.146 χ^2/NDF : 39715.8/7

In: 360.179+/-0.199 χ^2/NDF : 3581.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 377.365+/-0.146 χ^2/NDF : 39715.8/7

eigen_cor_asym_sam6_mean vs Slug, Sign Corrected



Right In: -173.694 $\pm$ 75.291 χ^2 /NDF: 2.1/2

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -154.608 $\pm$ -74.133 χ^2 /NDF: 4.4/4

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

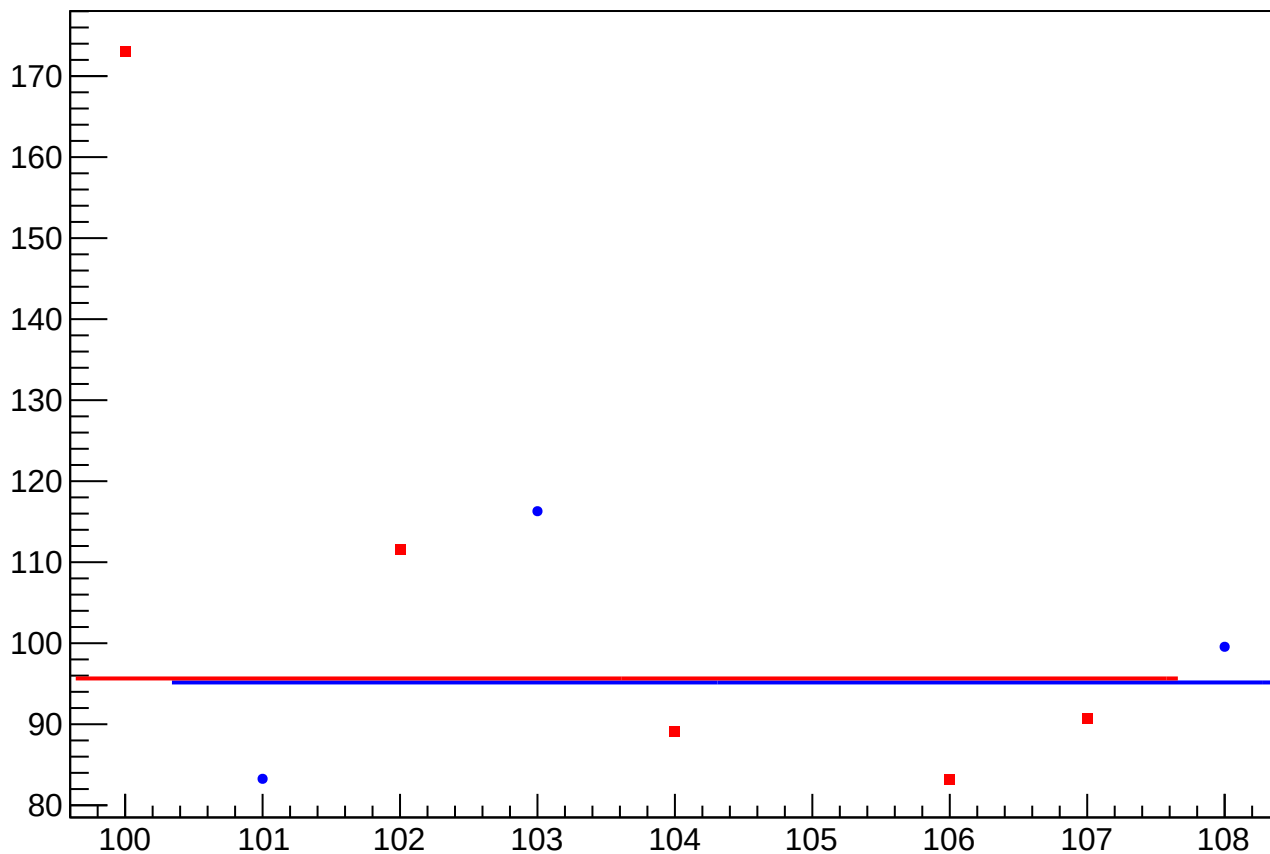
Right: -164.003 $\pm$ -52.825 χ^2 /NDF: 6.5/7

In: -173.694 $\pm$ -75.291 χ^2 /NDF:2.1/2

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: -164.003 $\pm$ -52.825 χ^2 /NDF: 6.5/7

eigen_cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 95.157+/-0.053 χ^2/NDF : 67496.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.650+/-0.052 χ^2/NDF : 73276.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

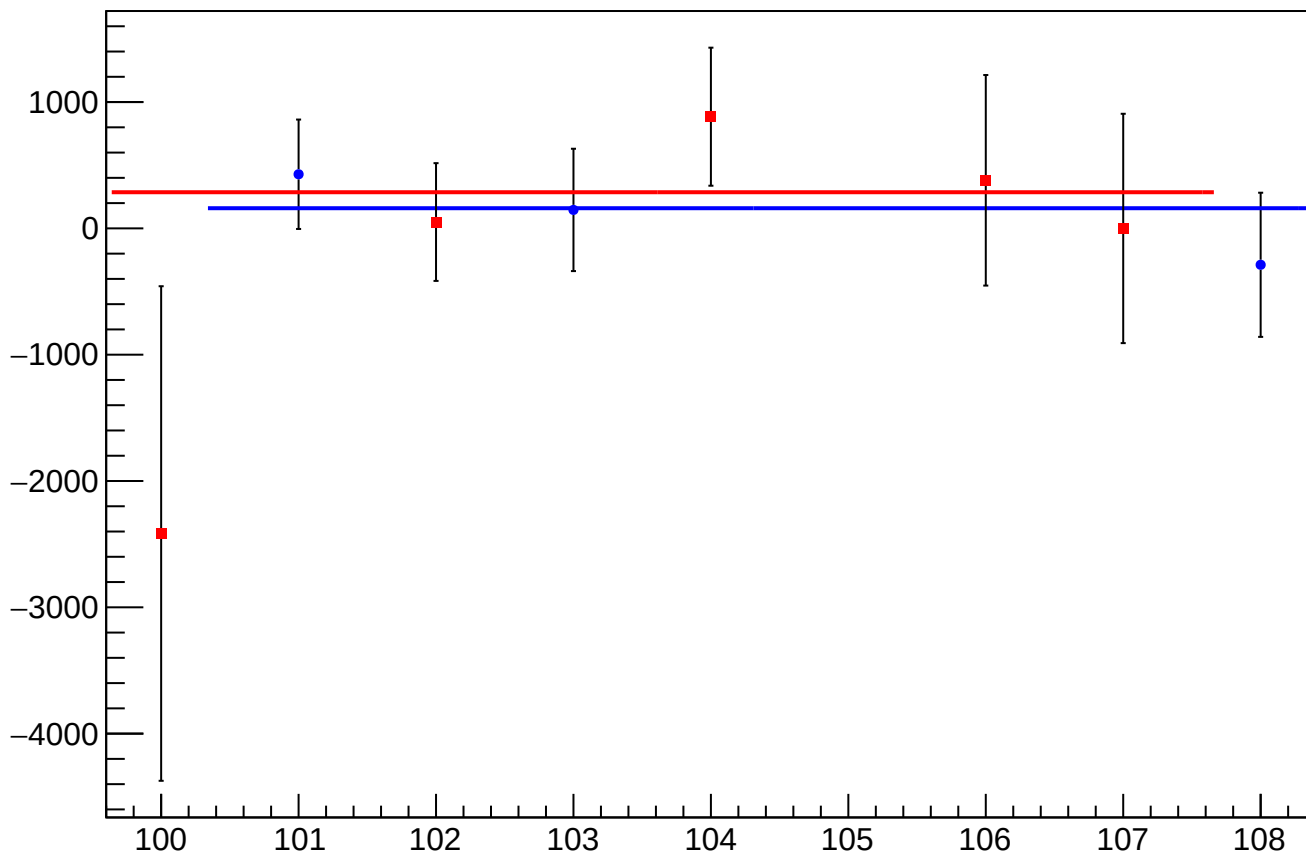
Right: 95.408+/-0.037 χ^2/NDF : 140816.3/7

In: 95.157+/-0.053 χ^2/NDF : 67496.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.408+/-0.037 χ^2/NDF : 140816.3/7

asym_sam6_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 159.581 $\pm$ 280.994 χ^2 /NDF: 1.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 286.121 $\pm$ 303.386 χ^2 /NDF: 3.5/4

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

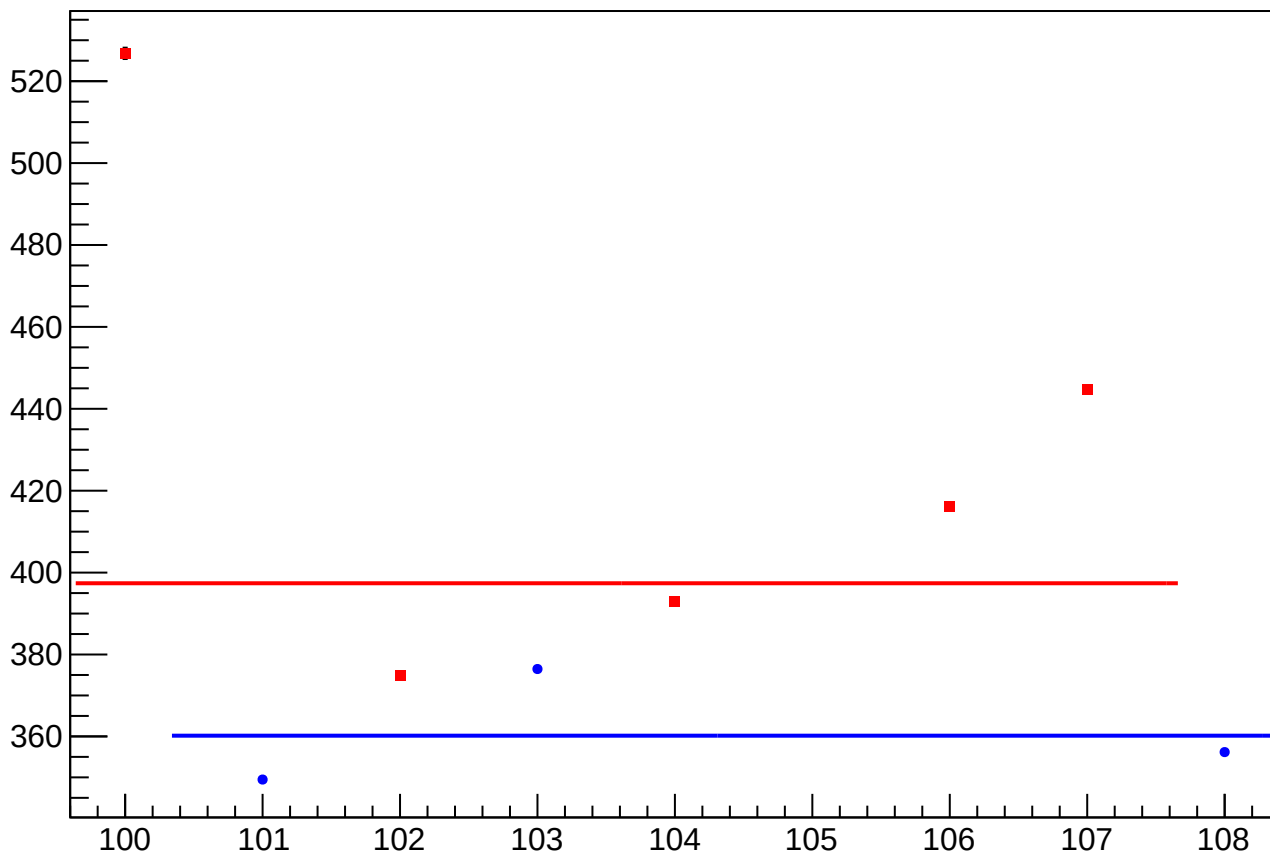
Right: 218.009 $\pm$ 206.155 χ^2 /NDF: 4.6/7

In: 159.581 $\pm$ 280.994 χ^2 /NDF:1.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 218.009 $\pm$ 206.155 χ^2 /NDF: 4.6/7

asym_sam6_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 360.179+/-0.199 χ^2/NDF : 3581.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 397.399+/-0.215 χ^2/NDF : 19931.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

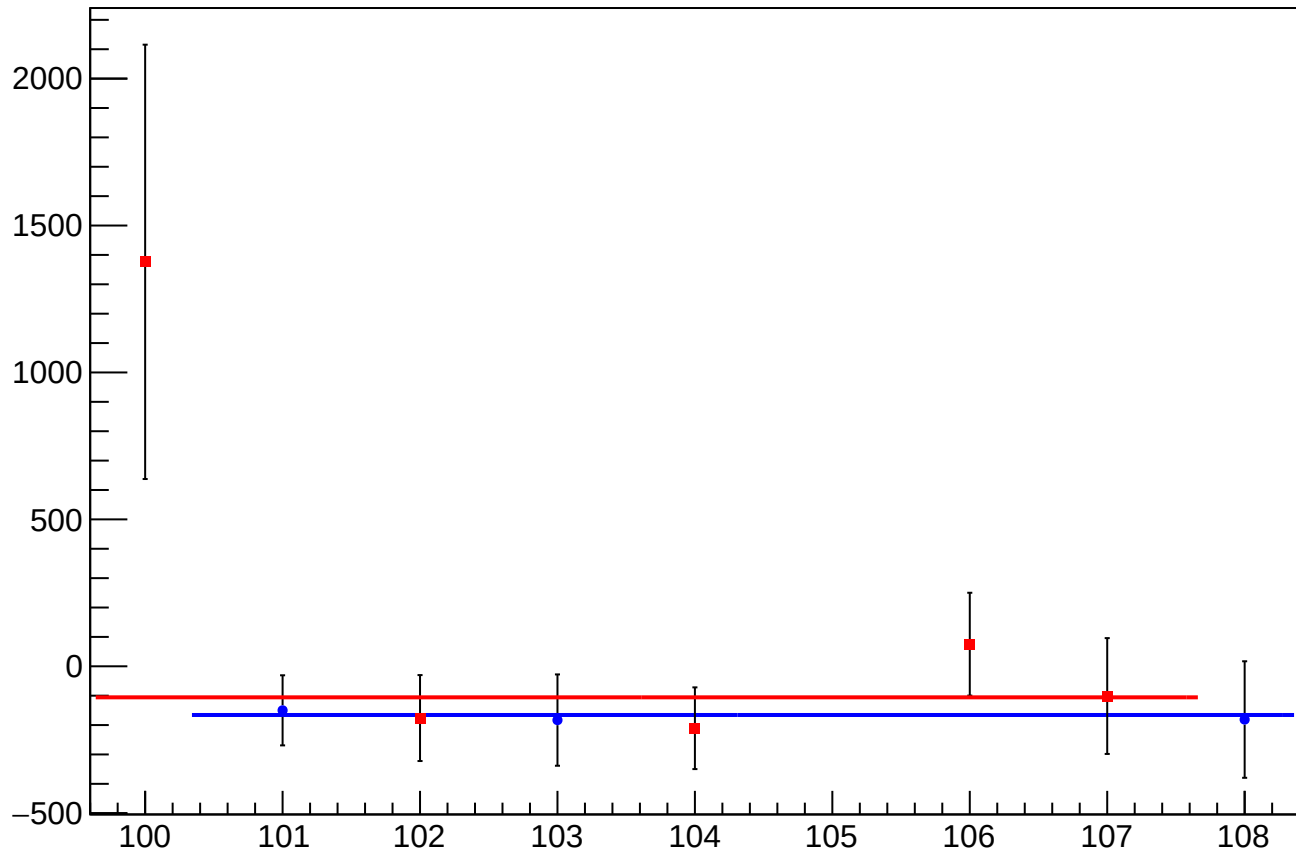
Right: 377.365+/-0.146 χ^2/NDF : 39715.8/7

In: 360.179+/-0.199 χ^2/NDF : 3581.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 377.365+/-0.146 χ^2/NDF : 39715.8/7

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -165.705+/-85.393 χ^2/NDF : 0.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -105.632+/-79.376 χ^2/NDF : 5.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

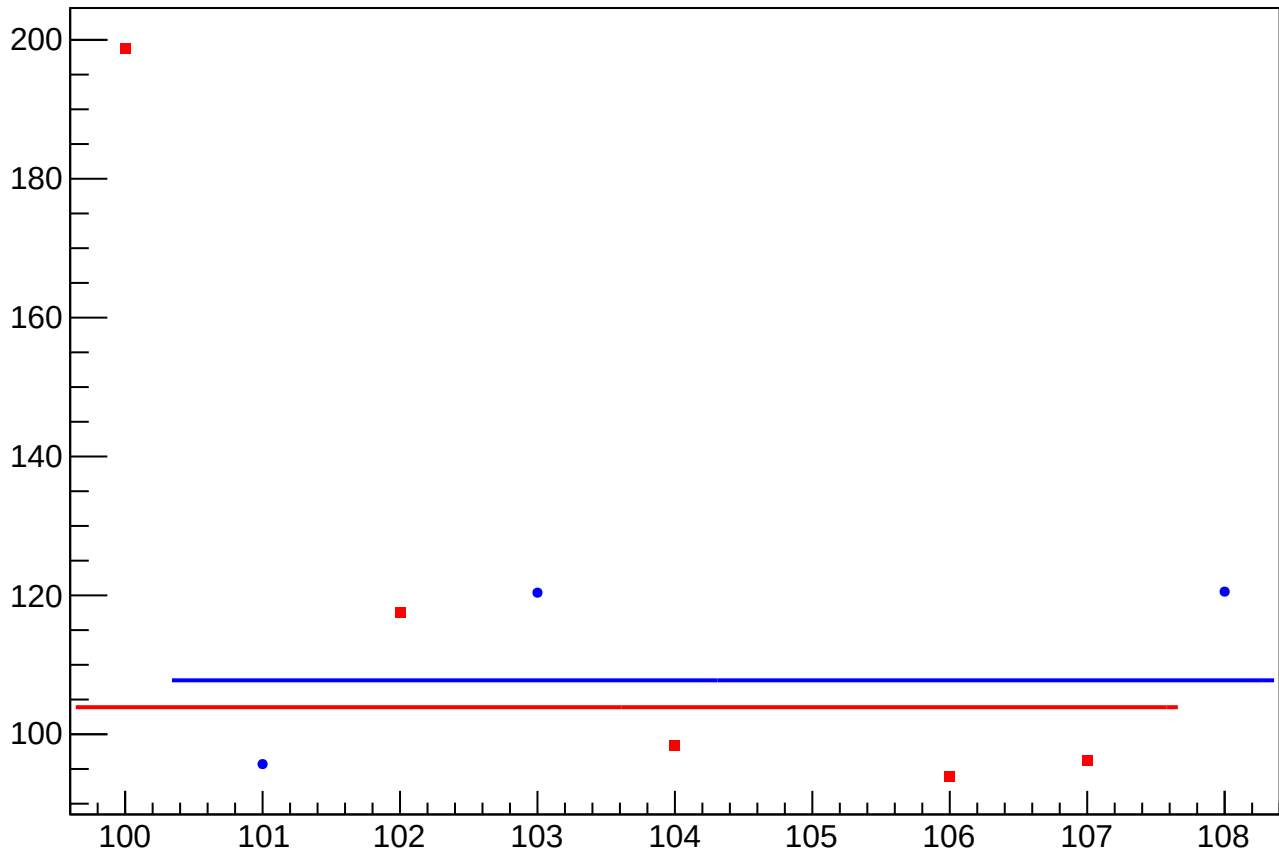
Right: -133.478+/-58.138 χ^2/NDF : 6.2/7

In: -165.705+/-85.393 χ^2/NDF : 0.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -133.478+/-58.138 χ^2/NDF : 6.2/7

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 107.765+/-0.060 χ^2/NDF : 41961.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.896+/-0.056 χ^2/NDF : 62982.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

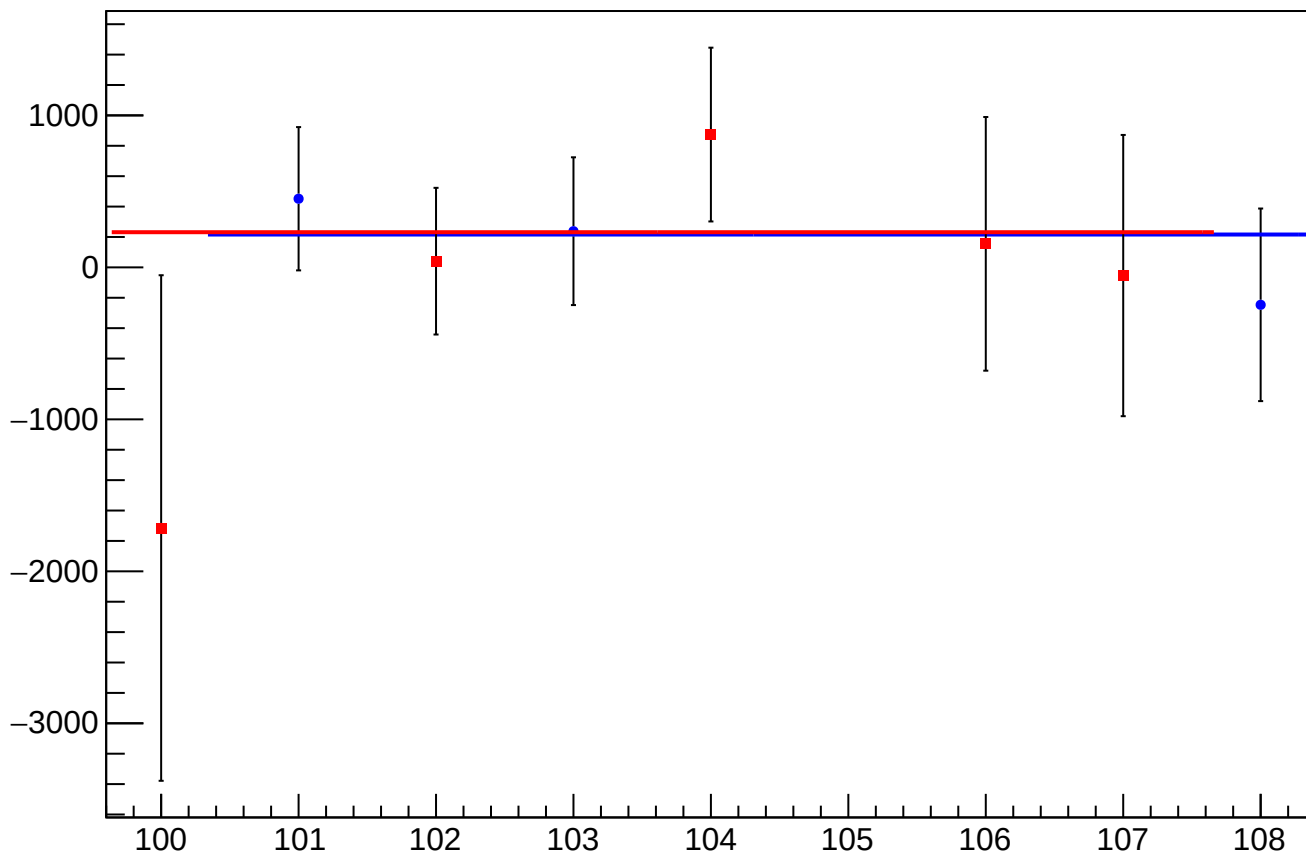
Right: 105.689+/-0.041 χ^2/NDF : 107146.0/7

In: 107.765+/-0.060 χ^2/NDF : 41961.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.689+/-0.041 χ^2/NDF : 107146.0/7

asym_sam6_dit_correction_mean vs Slug, Sign Corrected



Right In: 216.130 $\pm$ 298.521 χ^2 /NDF: 0.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 231.401 $\pm$ 311.303 χ^2 /NDF: 2.9/4

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

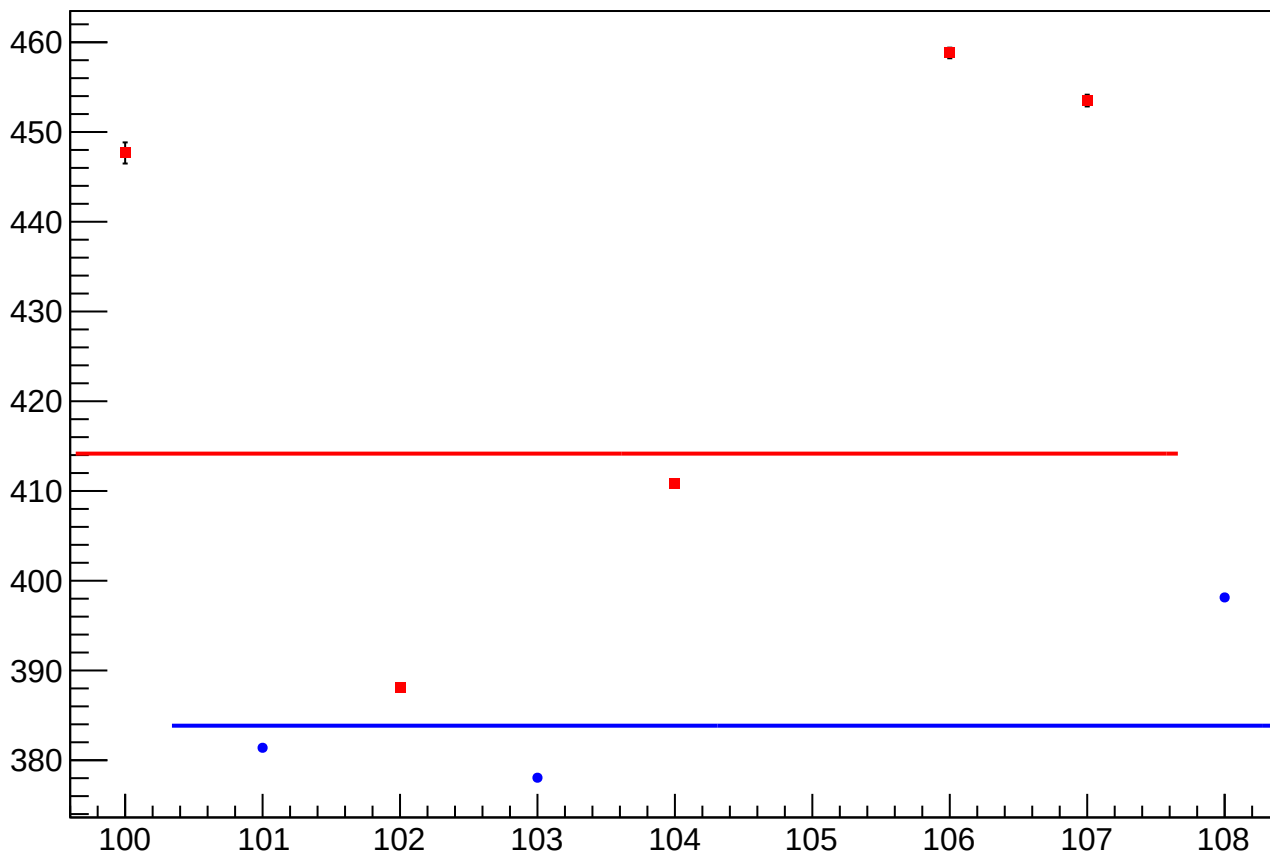
Right: 223.446 $\pm$ 215.463 χ^2 /NDF: 3.7/7

In: 216.130 $\pm$ 298.521 χ^2 /NDF:0.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 223.446 $\pm$ 215.463 χ^2 /NDF: 3.7/7

asym_sam6_dit_correction_rms vs Slug, Sign Corrected



Right In: 383.848 $\pm$ 0.211 χ^2 /NDF: 1356.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 414.164 $\pm$ 0.220 χ^2 /NDF: 16069.8/4

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

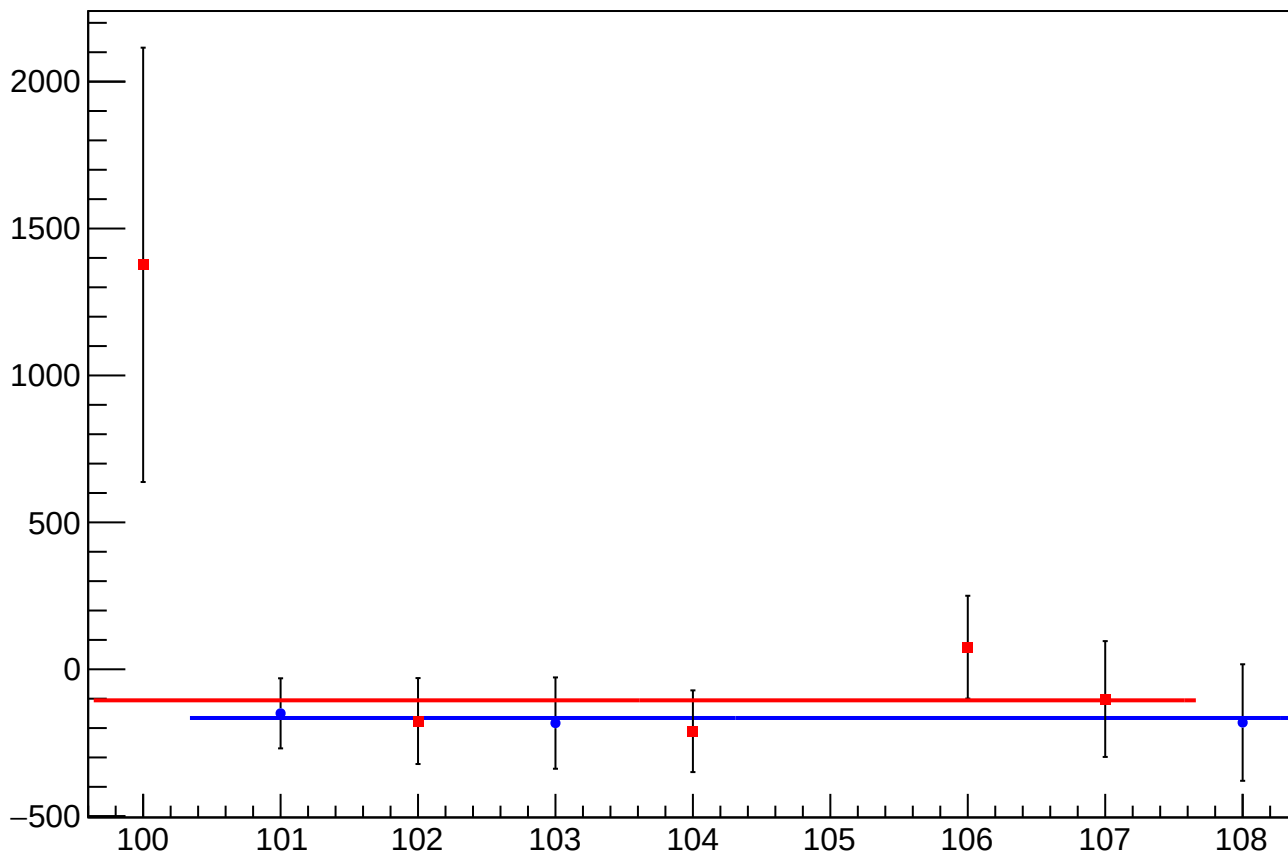
Right: 398.371 $\pm$ 0.152 χ^2 /NDF: 27307.2/7

In: 383.848 $\pm$ 0.211 χ^2 /NDF:1356.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 398.371 $\pm$ 0.152 χ^2 /NDF: 27307.2/7

eigen_dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -165.706 $\pm$ 85.393 χ^2 /NDF: 0.0/2

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -105.630 $\pm$ -79.376 χ^2 /NDF: 5.9/4

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

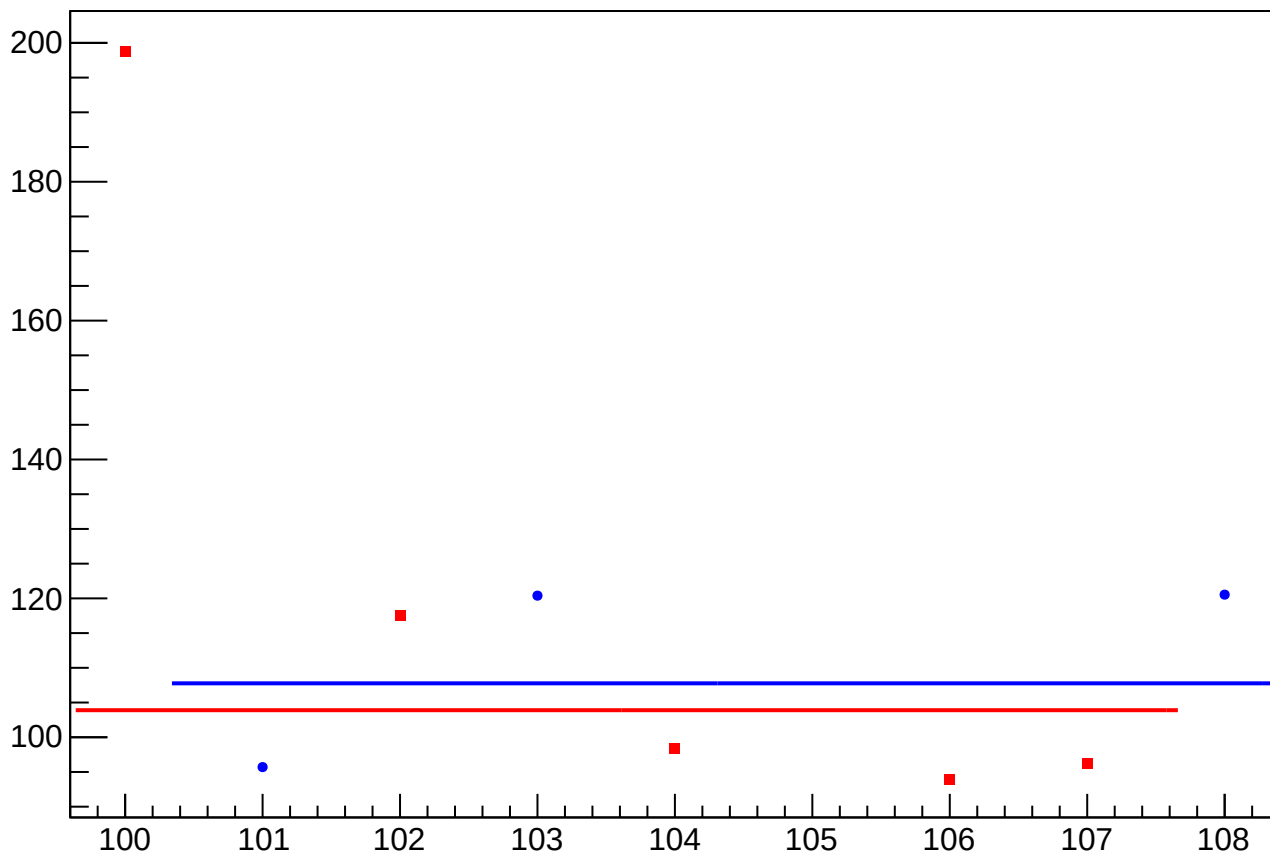
Right: -133.477 $\pm$ -58.138 χ^2 /NDF: 6.2/7

In: -165.706 $\pm$ -85.393 χ^2 /NDF:0.0/2

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: -133.477 $\pm$ -58.138 χ^2 /NDF: 6.2/7

eigen_dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 107.764+/-0.060 χ^2/NDF : 41964.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.896+/-0.056 χ^2/NDF : 62982.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

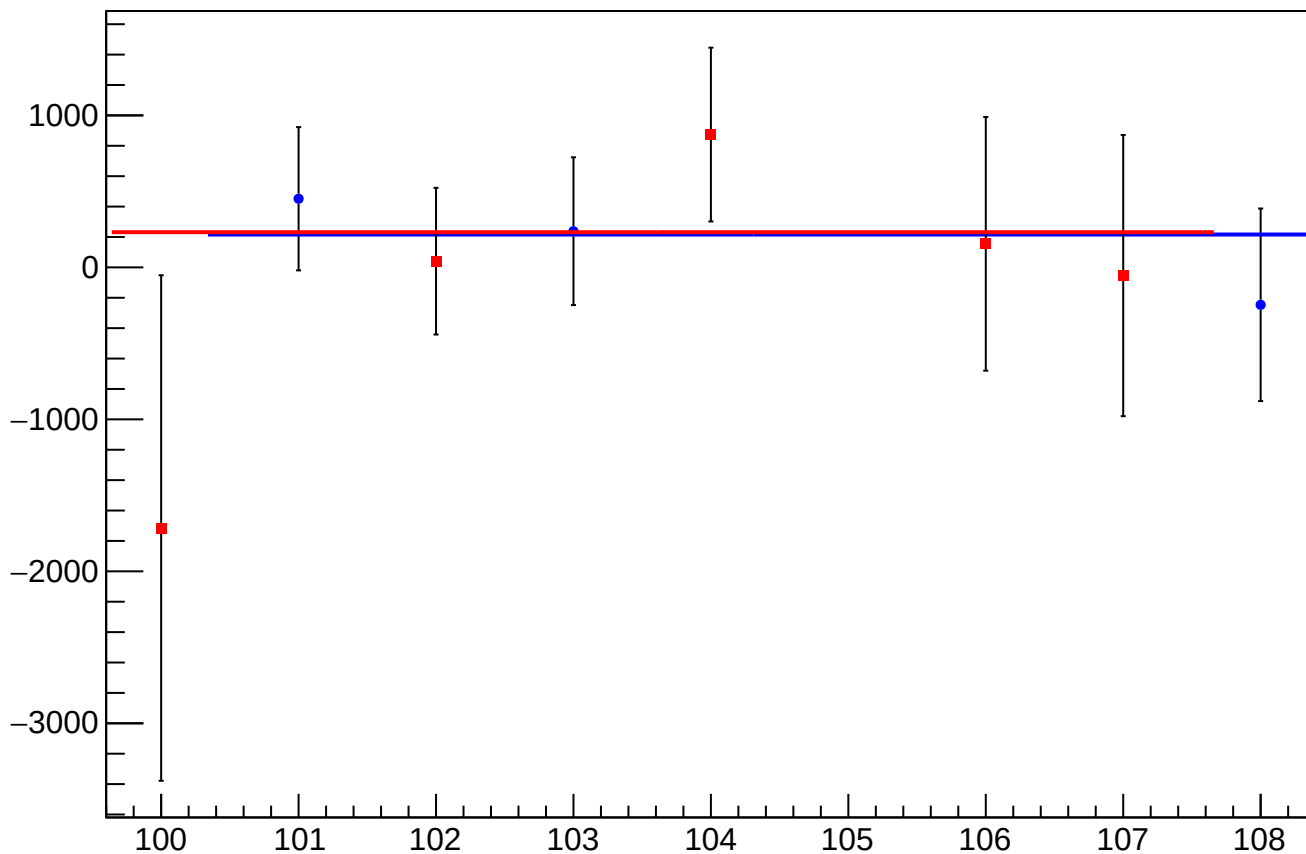
Right: 105.689+/-0.041 χ^2/NDF : 107149.0/7

In: 107.764+/-0.060 χ^2/NDF : 41964.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.689+/-0.041 χ^2/NDF : 107149.0/7

asym_sam6_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 216.130 $\pm$ 298.520 χ^2 /NDF: 0.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 231.403 $\pm$ 311.303 χ^2 /NDF: 2.9/4

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

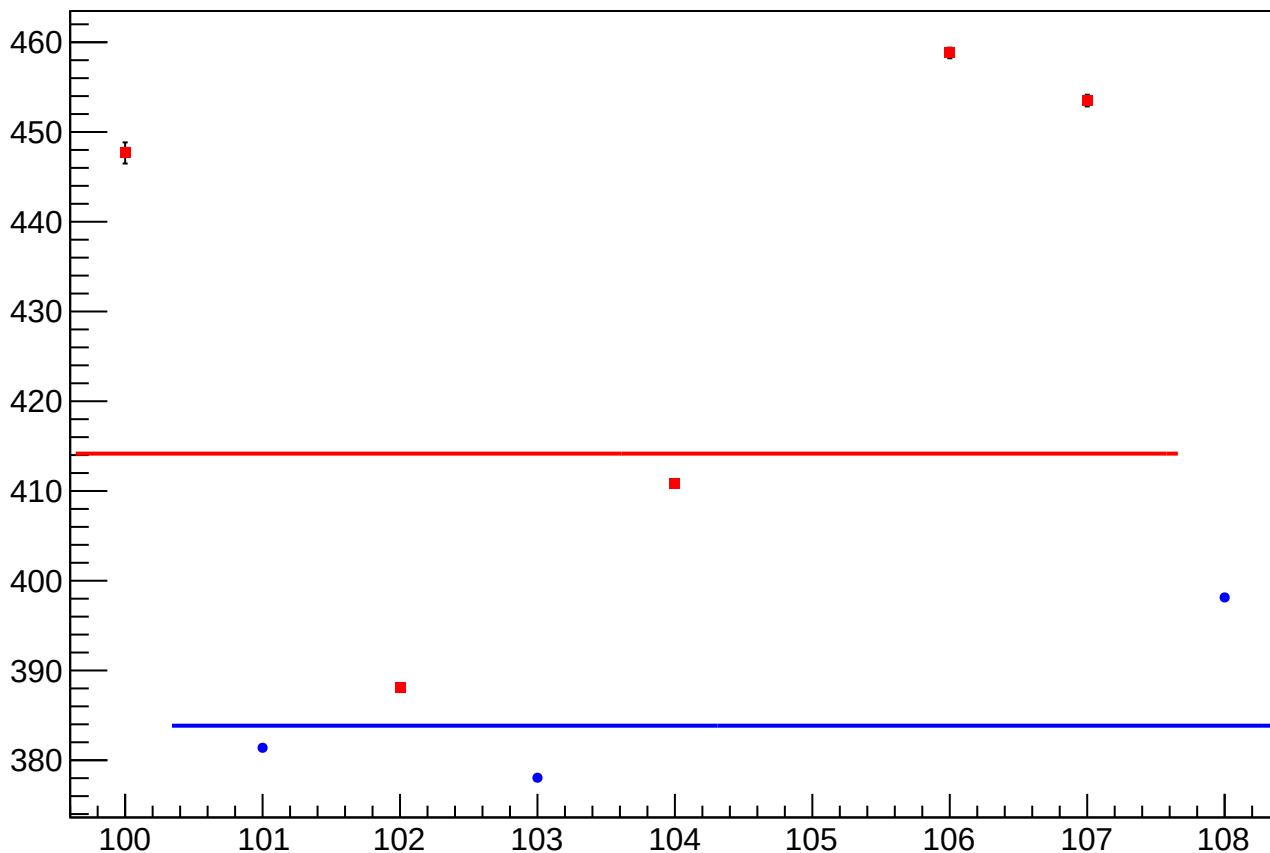
Right: 223.446 $\pm$ 215.463 χ^2 /NDF: 3.7/7

In: 216.130 $\pm$ 298.520 χ^2 /NDF:0.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 223.446 $\pm$ 215.463 χ^2 /NDF: 3.7/7

asym_sam6_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 383.847 $\pm$ 0.211 χ^2 /NDF: 1356.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 414.164 $\pm$ 0.220 χ^2 /NDF: 16069.3/4

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

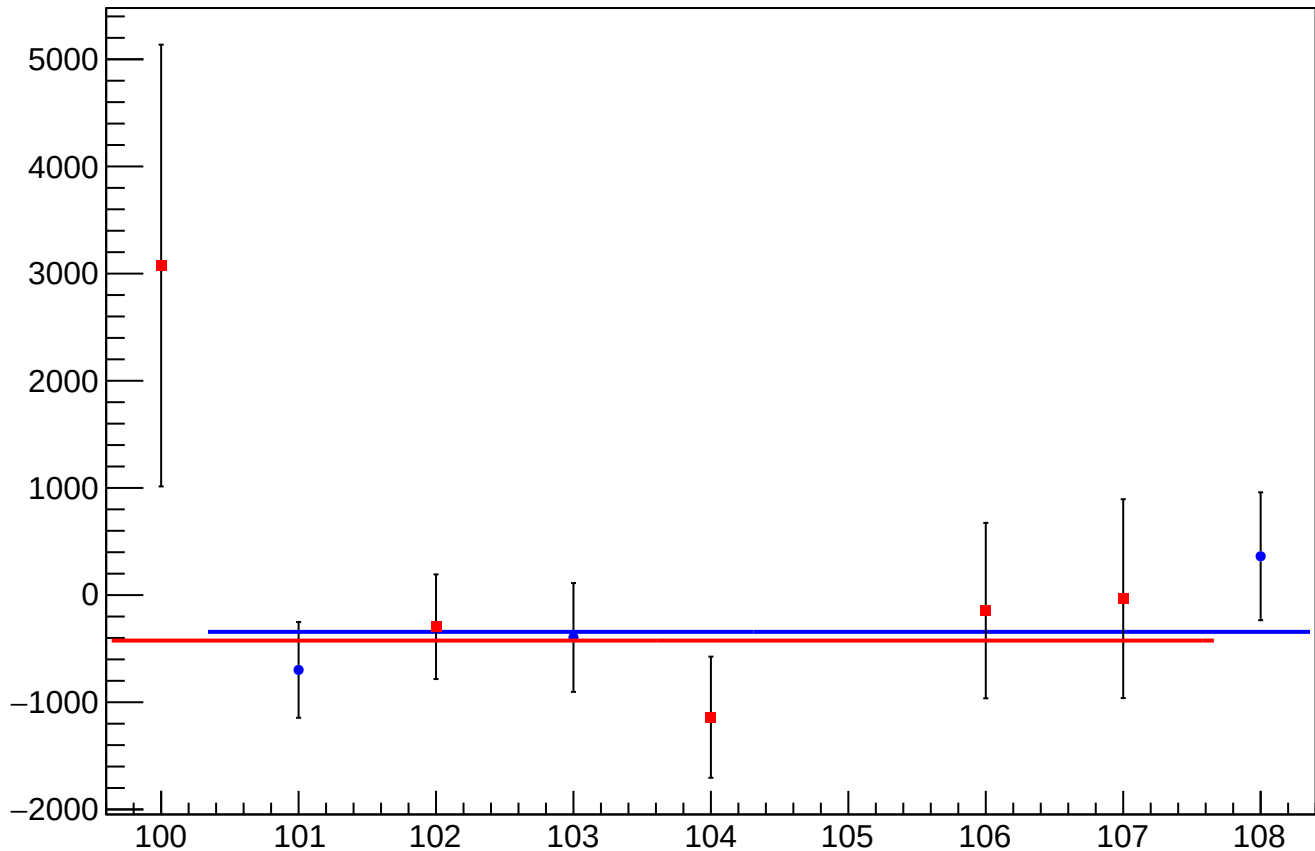
Right: 398.370 $\pm$ 0.152 χ^2 /NDF: 27306.9/7

In: 383.847 $\pm$ 0.211 χ^2 /NDF:1356.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 398.370 $\pm$ 0.152 χ^2 /NDF: 27306.9/7

asym_sam6_mean vs Slug, Sign Corrected



Right In: -343.098 $\pm$ 292.366 χ^2 /NDF: 2.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -424.378 $\pm$ 312.924 χ^2 /NDF: 4.8/4

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

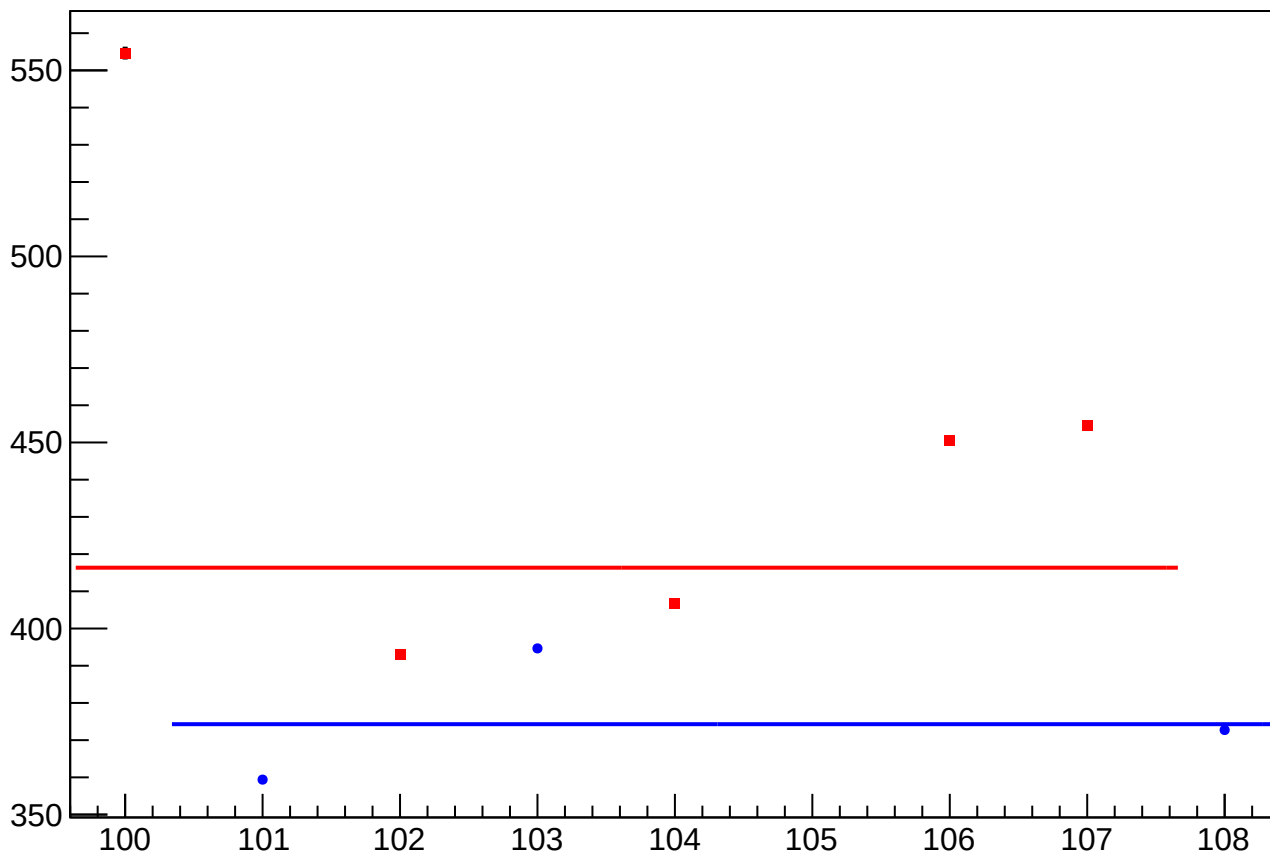
Right: -380.981 $\pm$ 213.632 χ^2 /NDF: 6.9/7

In: -343.098 $\pm$ 292.366 χ^2 /NDF: 2.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -380.981 $\pm$ 213.632 χ^2 /NDF: 6.9/7

asym_sam6_rms vs Slug, Sign Corrected



Right In: 374.291+/-0.207 χ^2/NDF : 5456.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 416.349+/-0.221 χ^2/NDF : 21010.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

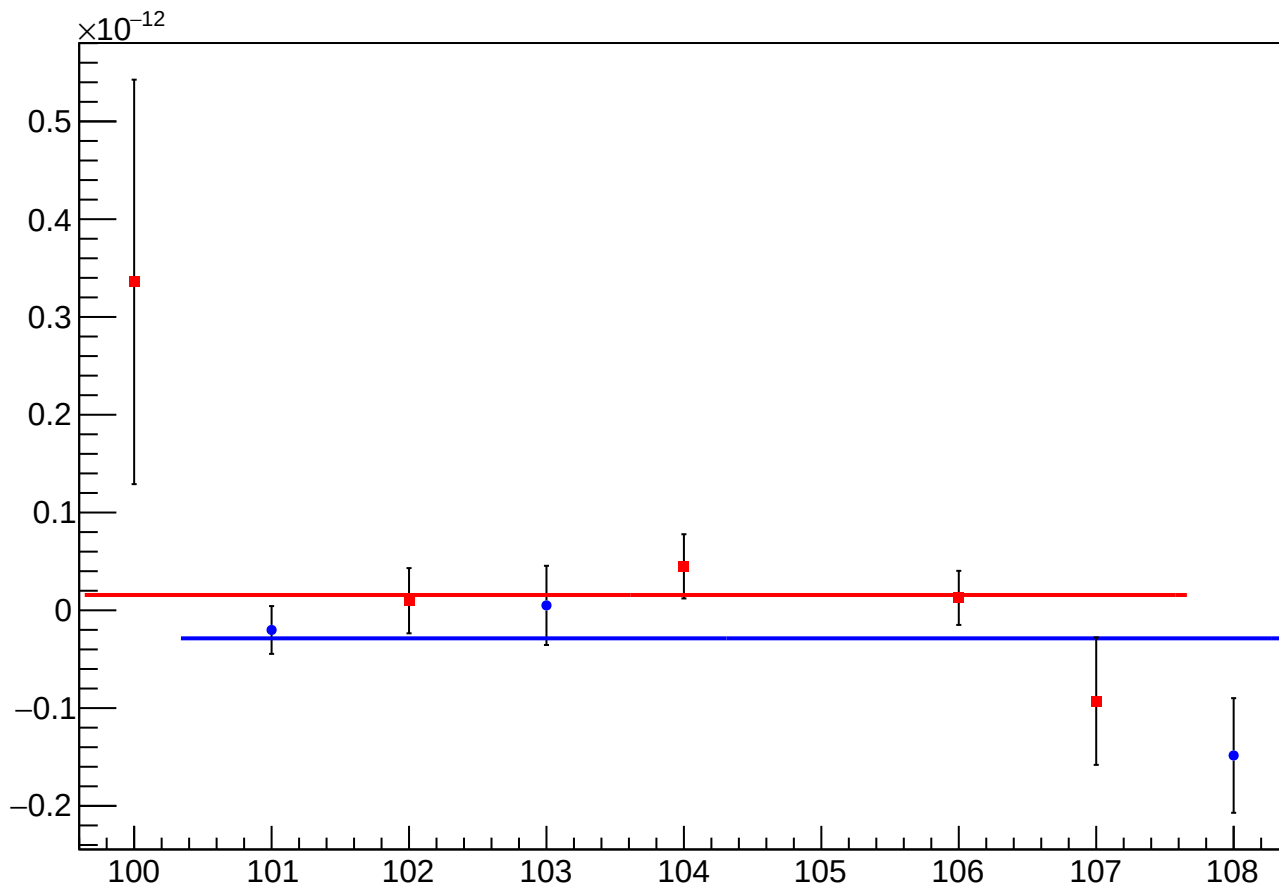
Right: 393.893+/-0.151 χ^2/NDF : 45756.4/7

In: 374.291+/-0.207 χ^2/NDF : 5456.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 393.893+/-0.151 χ^2/NDF : 45756.4/7

asym_sam6_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

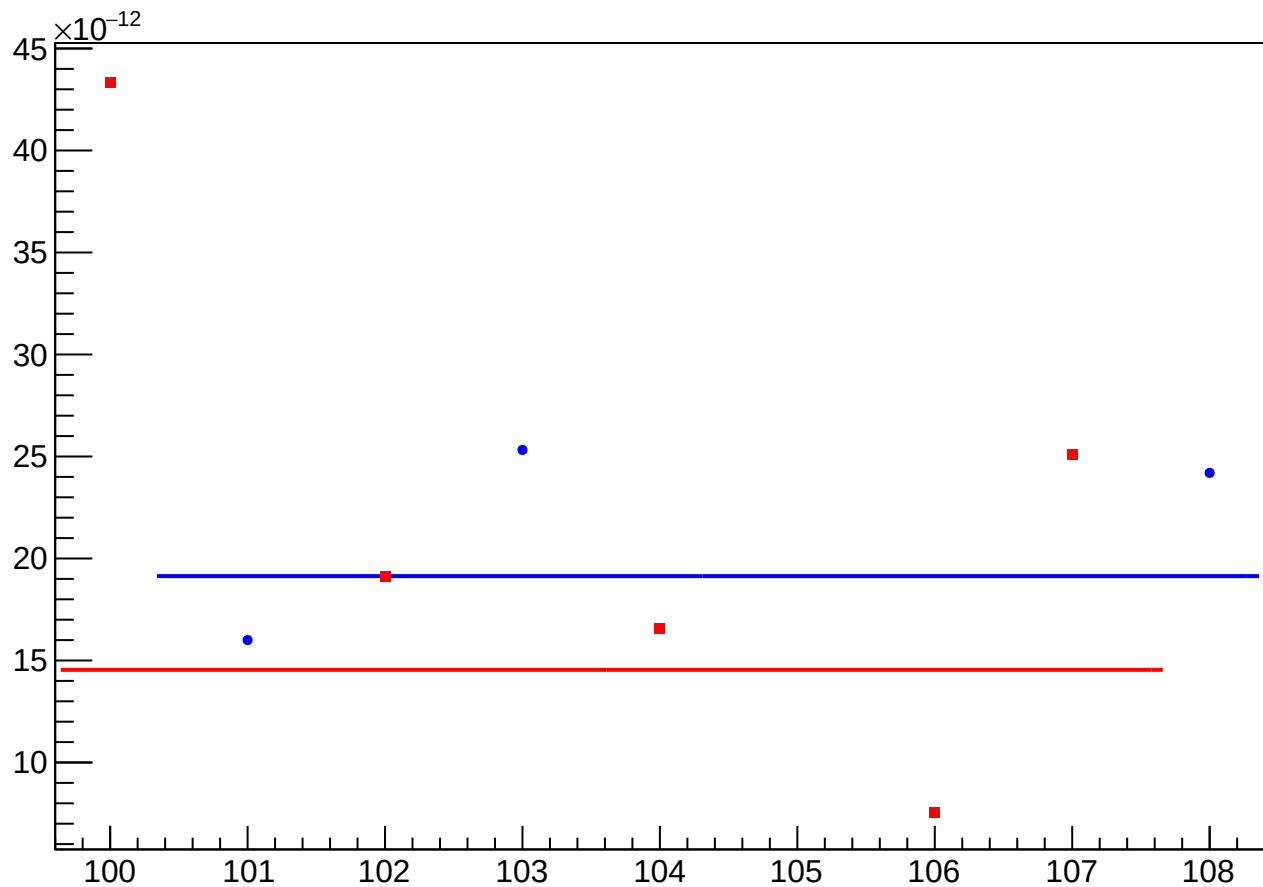
Right: -0.000+/-0.000 χ^2/NDF : 13.9/7

In: -0.000+/-0.000 χ^2/NDF : 5.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.9/7

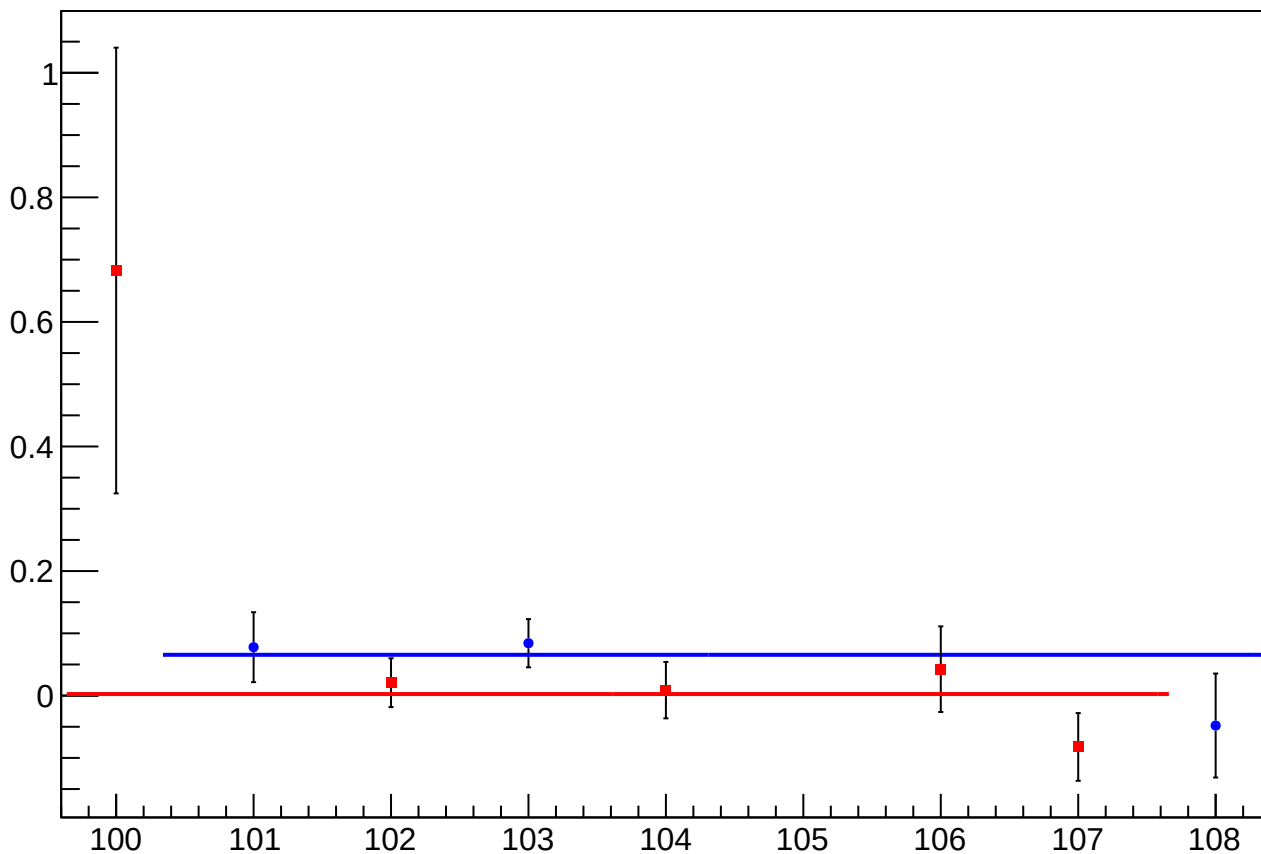
asym_sam6_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 94456.5/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 263774.4/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 419989.4/7
 In: 0.000+/-0.000 χ^2/NDF : 94456.5/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 419989.4/7

asym_sam6_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.066+/-0.030 χ^2/NDF : 2.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.024 χ^2/NDF : 6.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

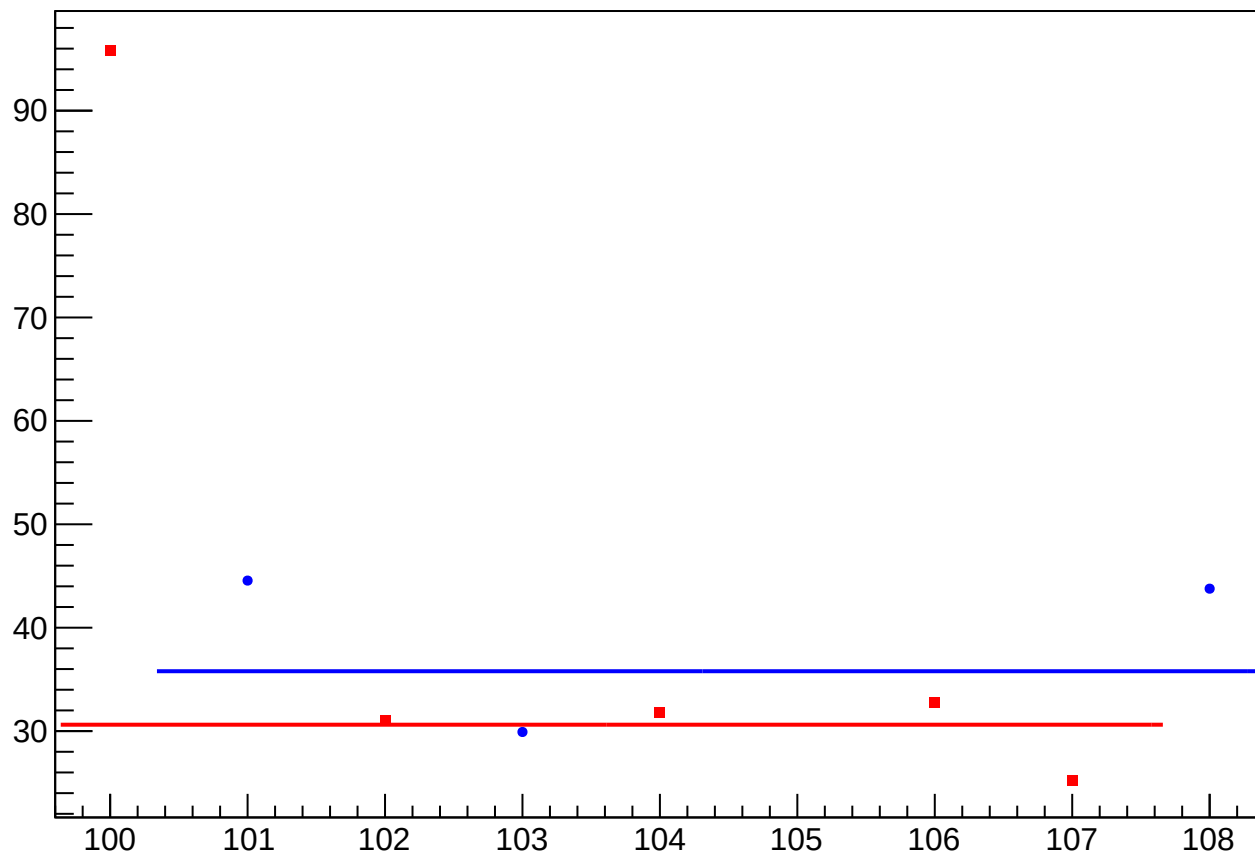
Right: 0.028+/-0.019 χ^2/NDF : 11.4/7

In: 0.066+/-0.030 χ^2/NDF : 2.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.019 χ^2/NDF : 11.4/7

asym_sam6_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.791+/-0.021 χ^2/NDF : 113154.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.619+/-0.017 χ^2/NDF : 89647.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

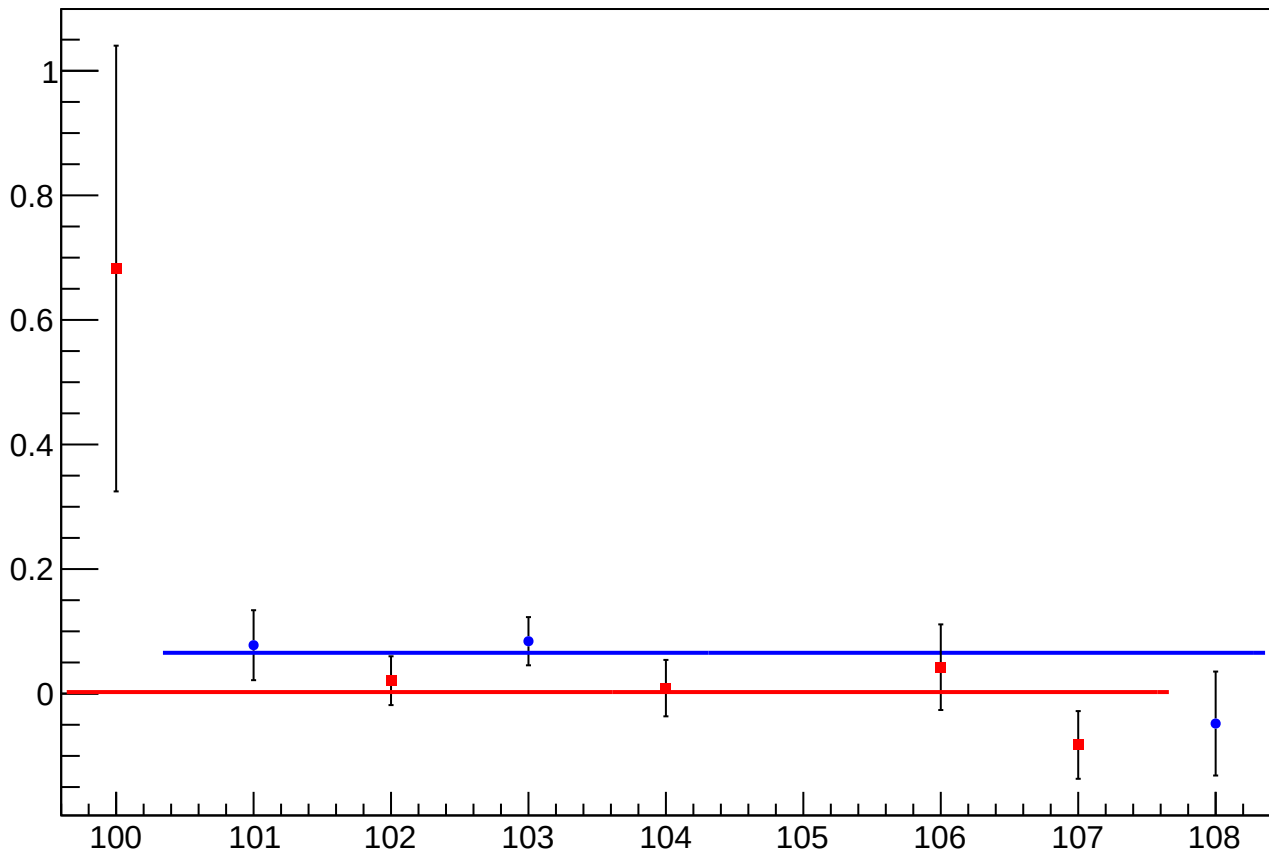
Right: 32.685+/-0.013 χ^2/NDF : 239070.6/7

In: 35.791+/-0.021 χ^2/NDF : 113154.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.685+/-0.013 χ^2/NDF : 239070.6/7

asym_sam6_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.066+/-0.030 χ^2/NDF : 2.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.024 χ^2/NDF : 6.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

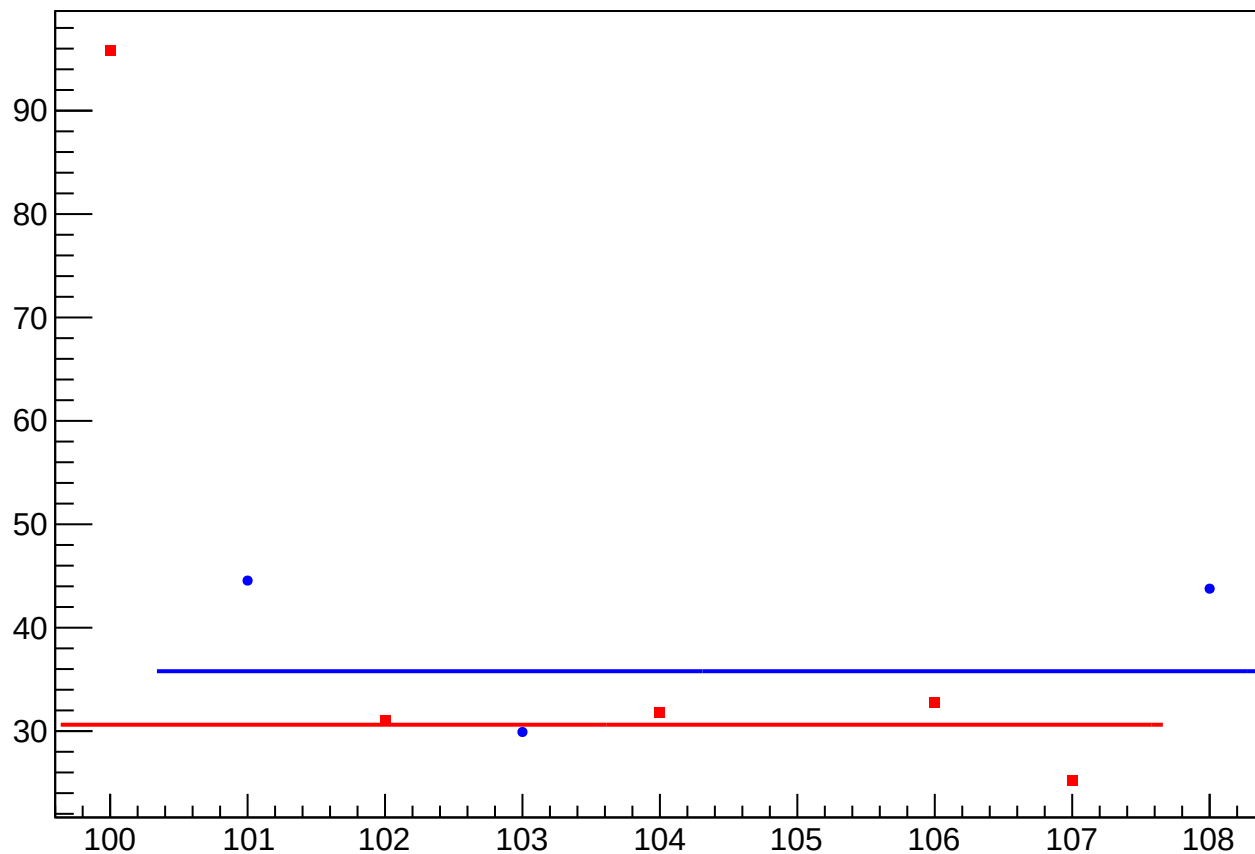
Right: 0.028+/-0.019 χ^2/NDF : 11.4/7

In: 0.066+/-0.030 χ^2/NDF : 2.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.019 χ^2/NDF : 11.4/7

asym_sam6_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.791+/-0.021 χ^2/NDF : 113154.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.619+/-0.017 χ^2/NDF : 89647.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

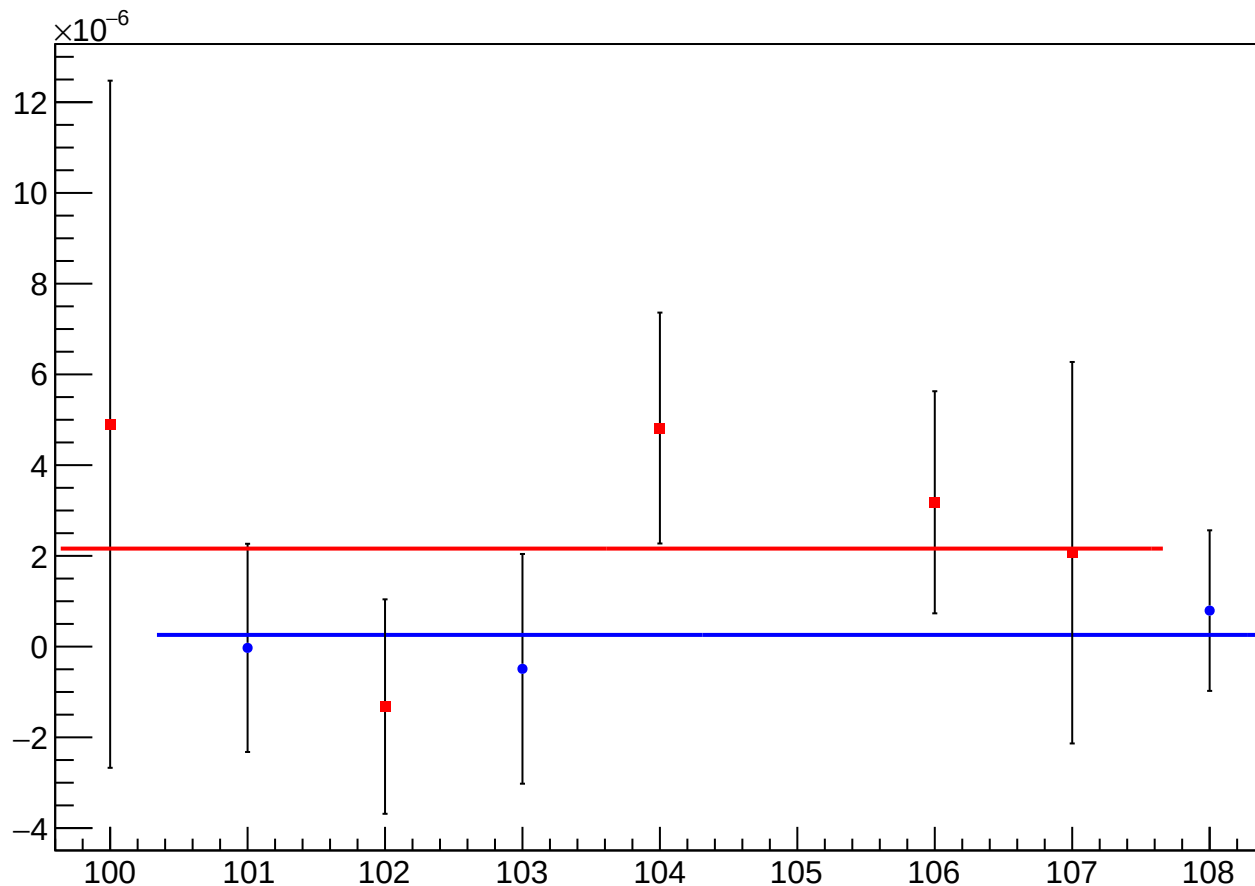
Right: 32.685+/-0.013 χ^2/NDF : 239070.6/7

In: 35.791+/-0.021 χ^2/NDF : 113154.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.685+/-0.013 χ^2/NDF : 239070.6/7

asym_sam6_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

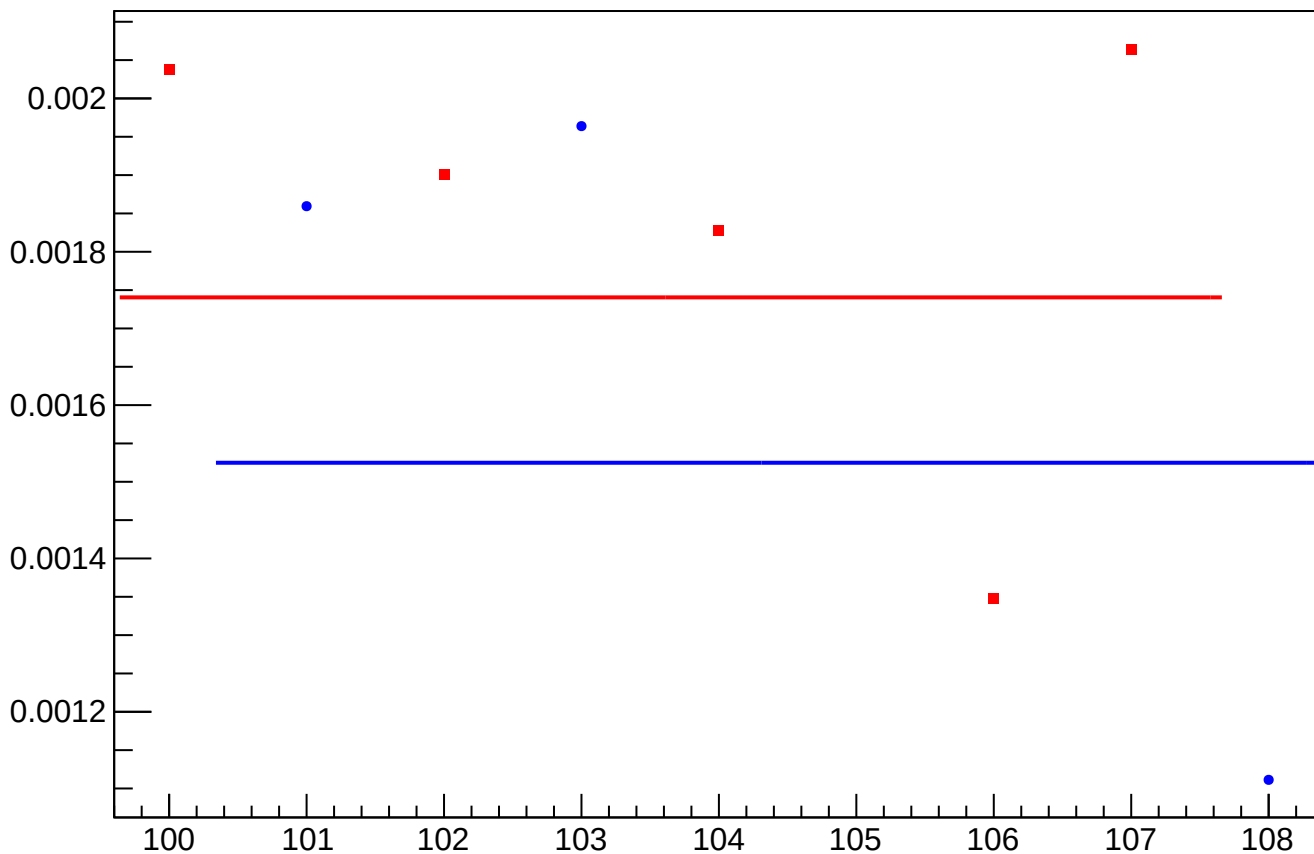
Right: 0.000+/-0.000 χ^2/NDF : 4.9/7

In: 0.000+/-0.000 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.9/7

asym_sam6_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 211901.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 77916.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

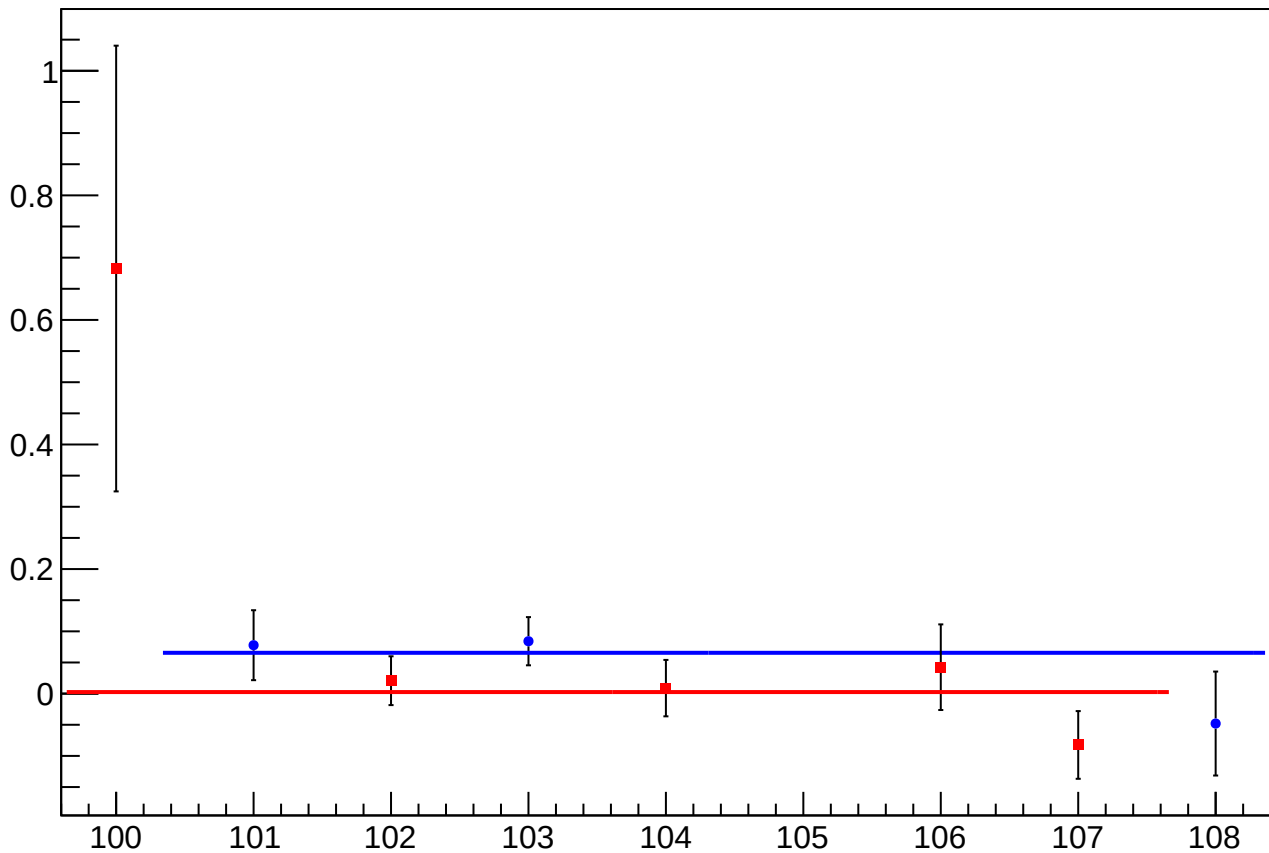
Right: 0.002+/-0.000 χ^2/NDF : 318494.5/7

In: 0.002+/-0.000 χ^2/NDF : 211901.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 318494.5/7

asym_sam6_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.066 $\pm$ 0.030 χ^2 /NDF: 2.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.003 $\pm$ 0.024 χ^2 /NDF: 6.6/4

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

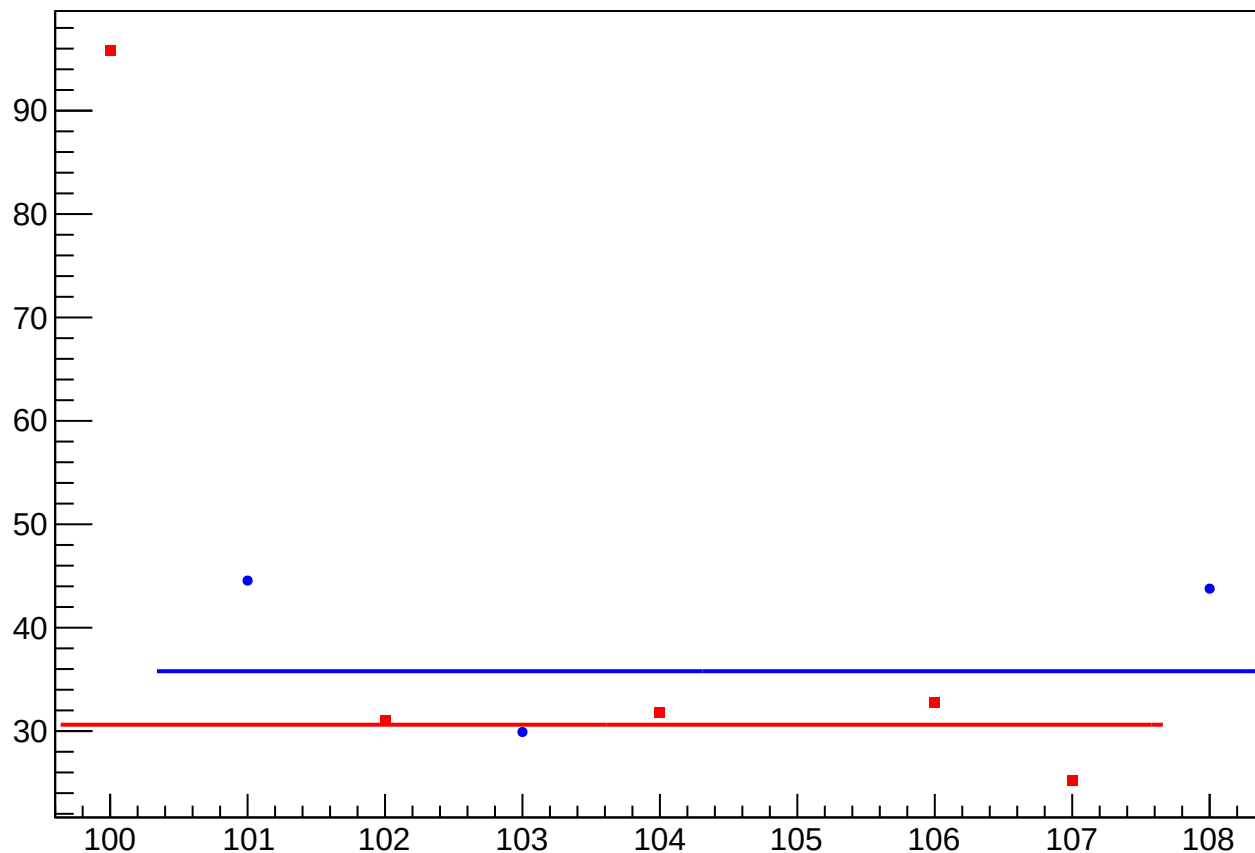
Right: 0.028 $\pm$ 0.019 χ^2 /NDF: 11.4/7

In: 0.066 $\pm$ 0.030 χ^2 /NDF: 2.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.028 $\pm$ 0.019 χ^2 /NDF: 11.4/7

asym_sam6_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.791+/-0.021 χ^2/NDF : 113133.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.618+/-0.017 χ^2/NDF : 89652.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

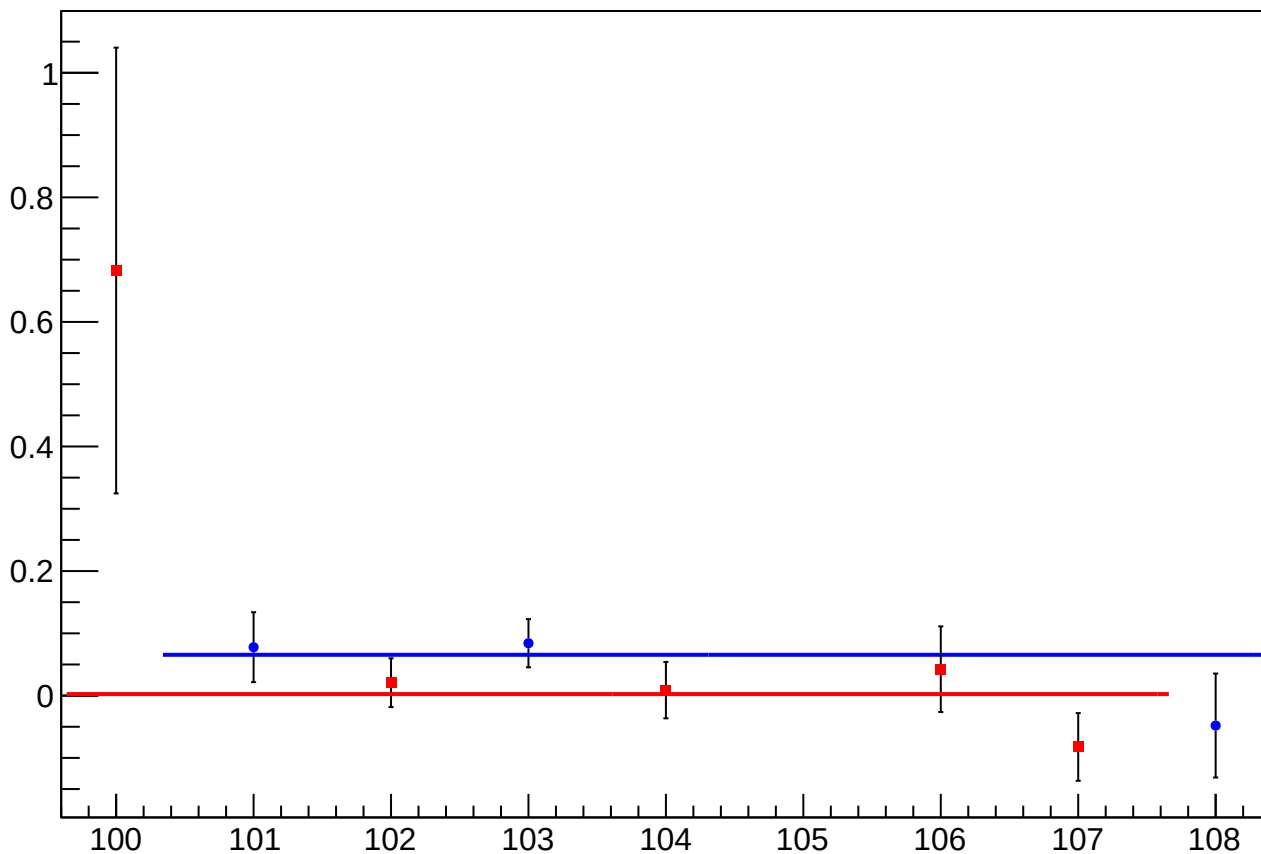
Right: 32.684+/-0.013 χ^2/NDF : 239057.3/7

In: 35.791+/-0.021 χ^2/NDF : 113133.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.684+/-0.013 χ^2/NDF : 239057.3/7

asym_sam6_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.066+/-0.030 χ^2/NDF : 2.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.024 χ^2/NDF : 6.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

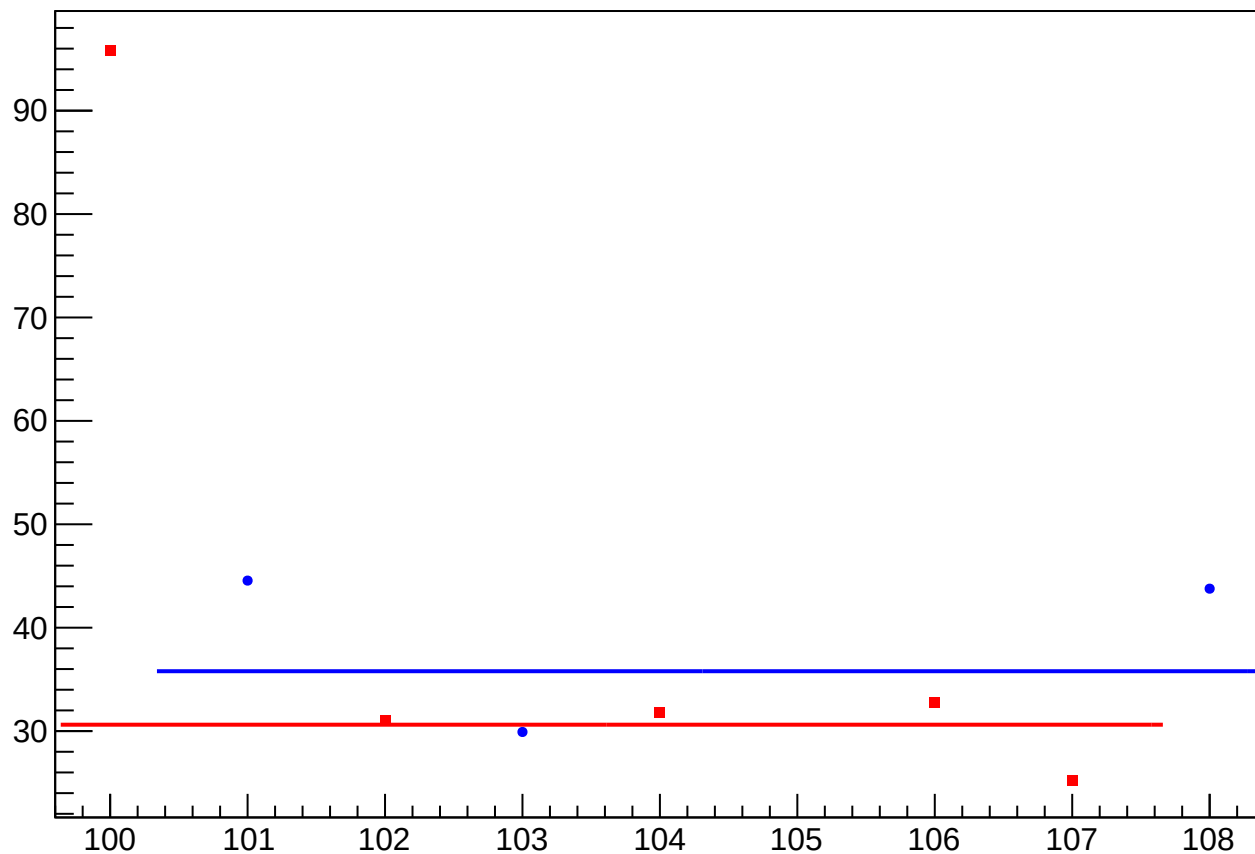
Right: 0.028+/-0.019 χ^2/NDF : 11.4/7

In: 0.066+/-0.030 χ^2/NDF : 2.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.019 χ^2/NDF : 11.4/7

asym_sam6_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.791+/-0.021 χ^2/NDF : 113133.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.618+/-0.017 χ^2/NDF : 89652.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

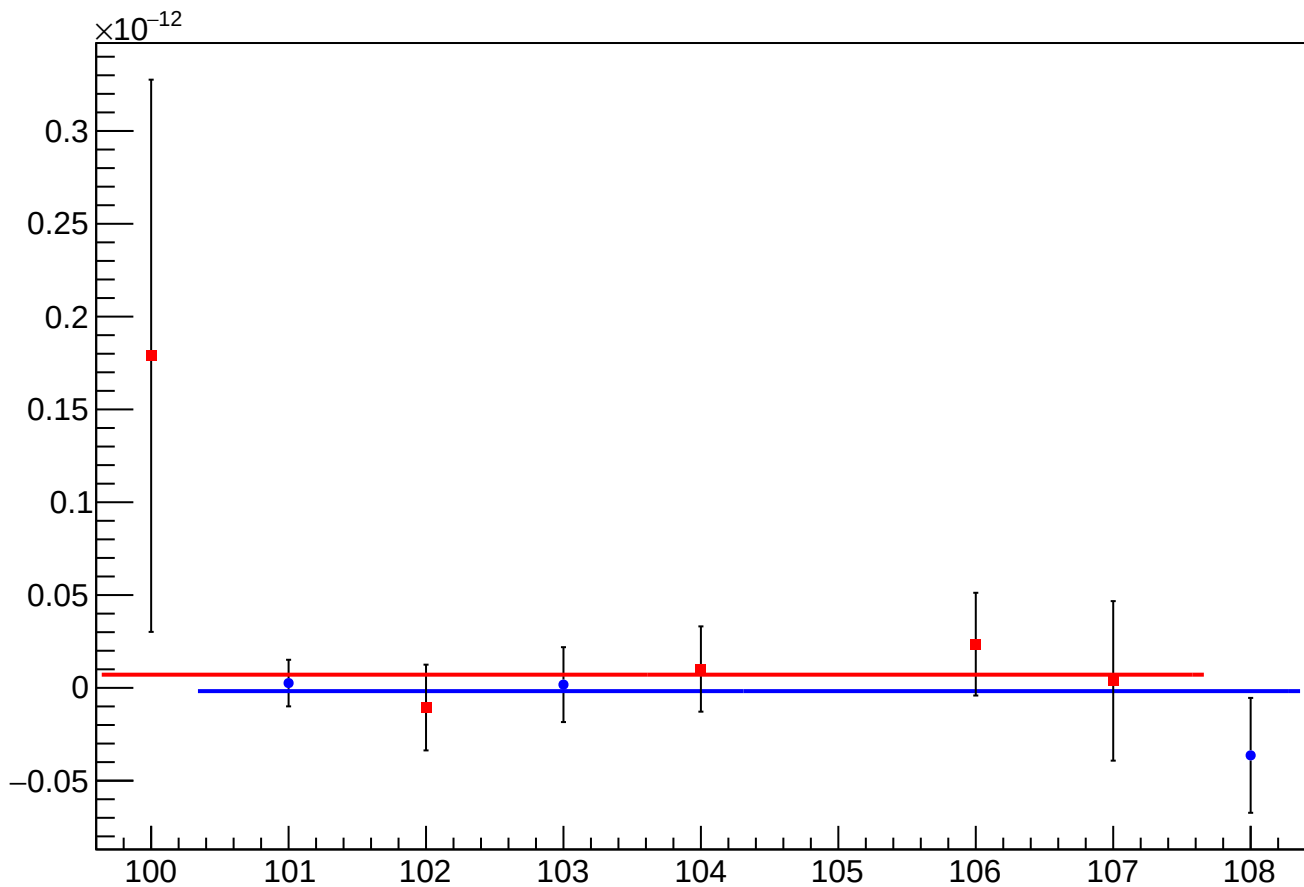
Right: 32.684+/-0.013 χ^2/NDF : 239057.3/7

In: 35.791+/-0.021 χ^2/NDF : 113133.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.684+/-0.013 χ^2/NDF : 239057.3/7

asym_sam6_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 1.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.3/4

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

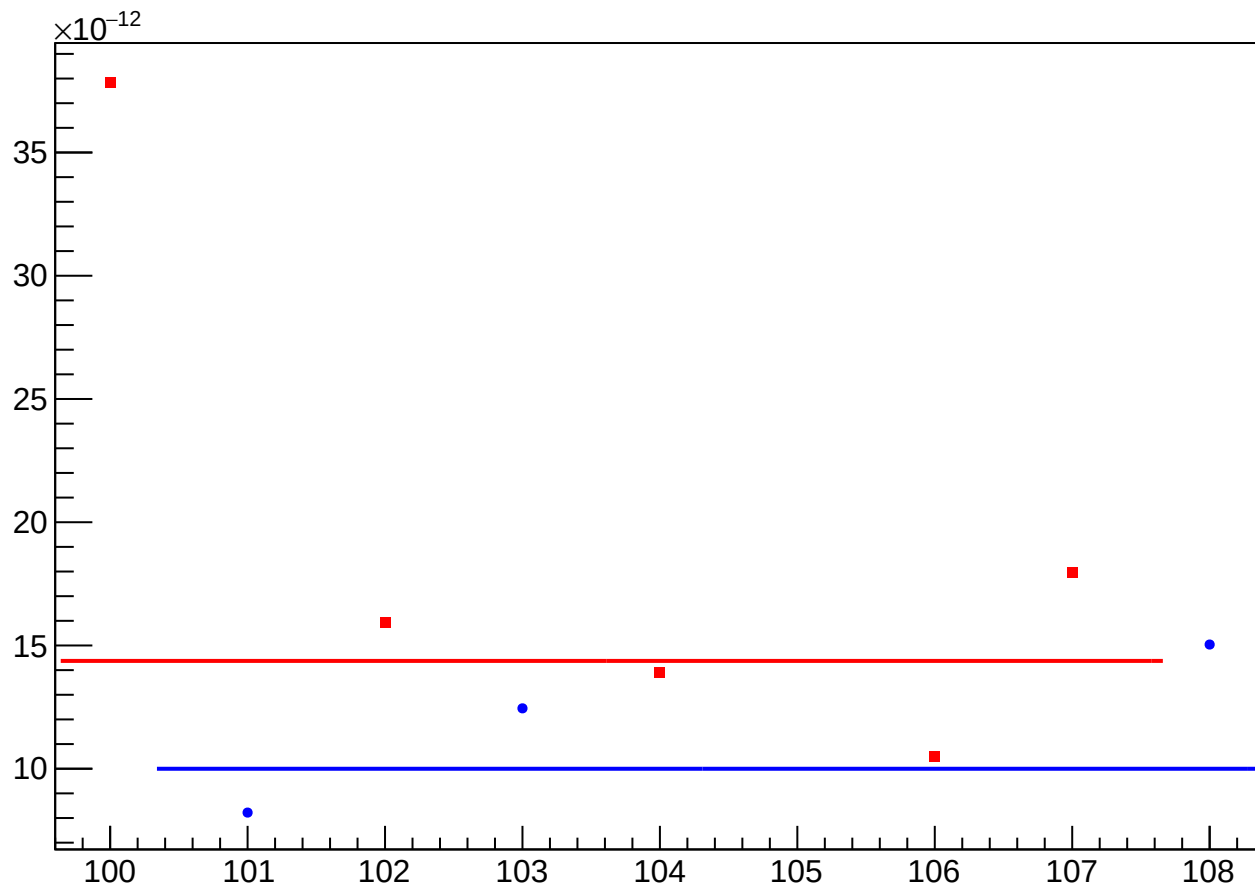
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.0/7

In: -0.000 $\pm$ 0.000 χ^2 /NDF:1.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.0/7

asym_sam6_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 122734.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 112572.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

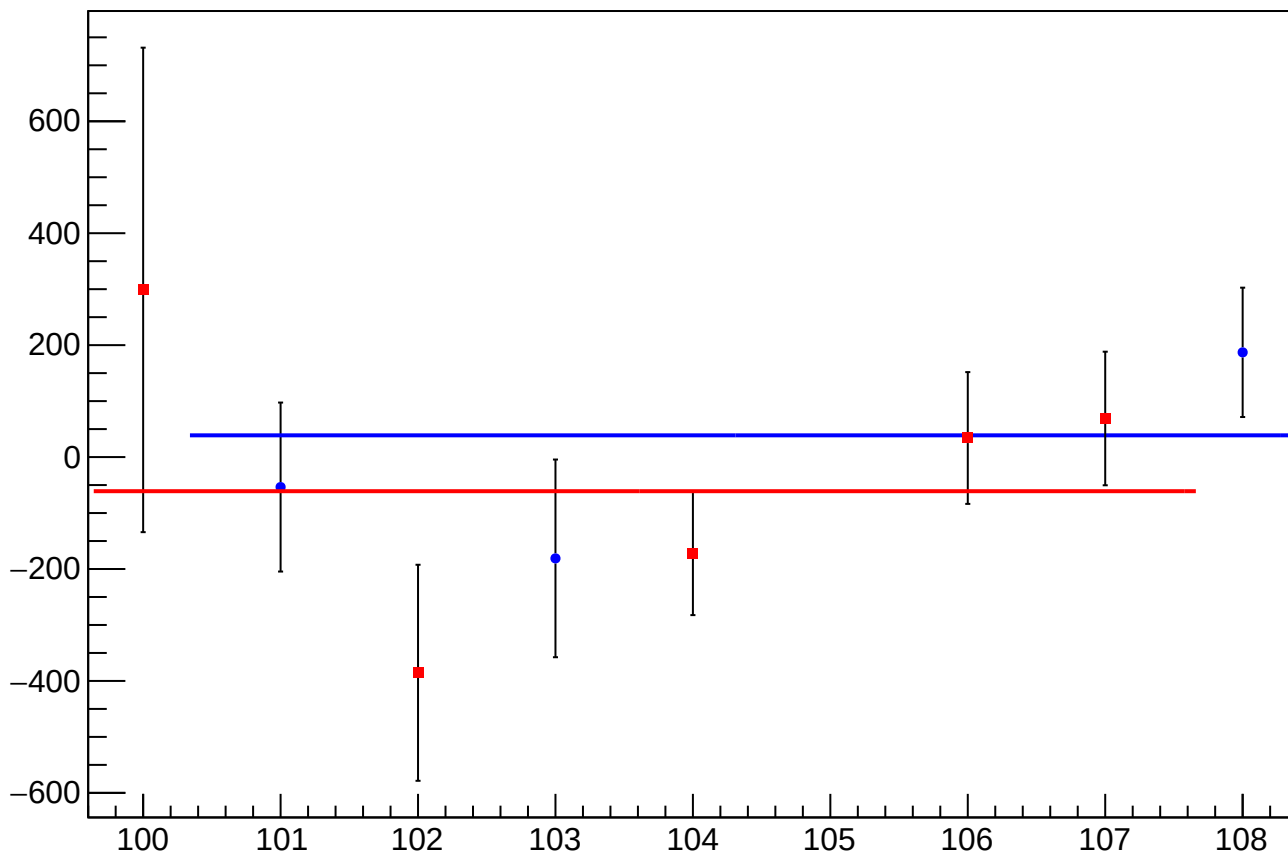
Right: 0.000+/-0.000 χ^2/NDF : 372982.0/7

In: 0.000+/-0.000 χ^2/NDF : 122734.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 372982.0/7

reg_asym_sam7_mean vs Slug, Sign Corrected



Right In: 38.850+/-81.434 χ^2/NDF : 3.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -60.964+/-62.371 χ^2/NDF : 6.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

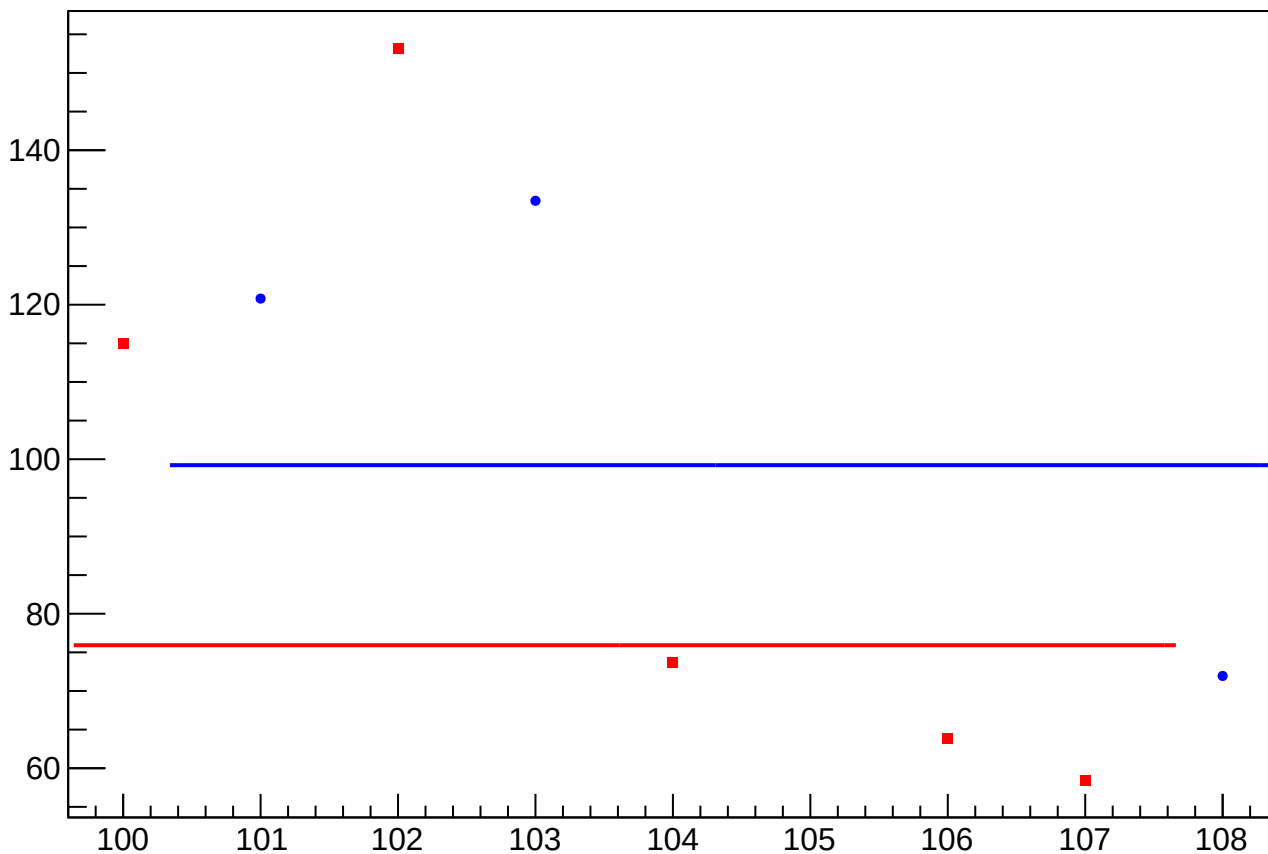
Right: -24.060+/-49.516 χ^2/NDF : 10.9/7

In: 38.850+/-81.434 χ^2/NDF : 3.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.060+/-49.516 χ^2/NDF : 10.9/7

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 99.230+/-0.058 χ^2/NDF : 227329.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.924+/-0.044 χ^2/NDF : 400916.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

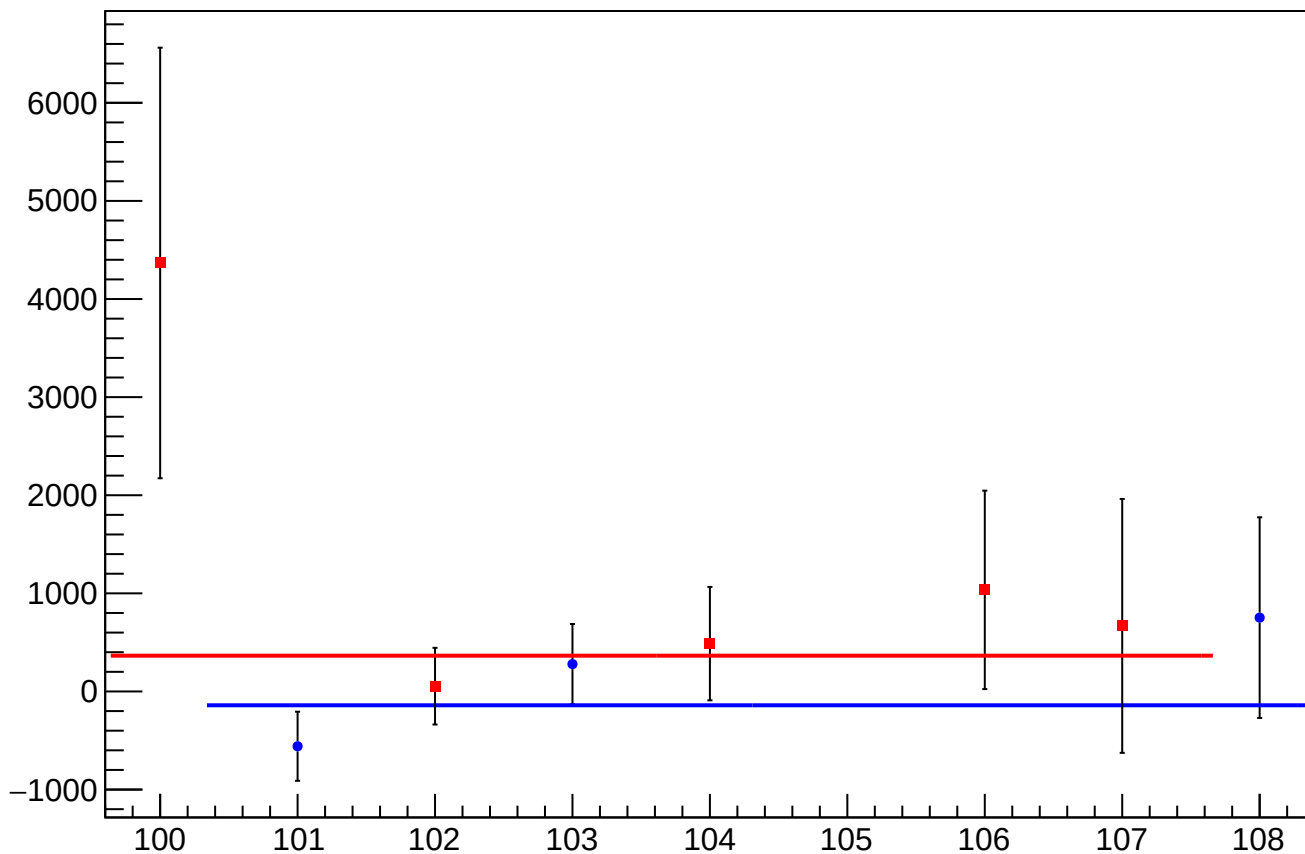
Right: 84.541+/-0.035 χ^2/NDF : 731492.1/7

In: 99.230+/-0.058 χ^2/NDF : 227329.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.541+/-0.035 χ^2/NDF : 731492.1/7

asym_sam7_reg_correction_mean vs Slug, Sign Corrected



Right In: -140.980+/-258.155 χ^2/NDF : 3.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 364.724+/-297.162 χ^2/NDF : 4.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

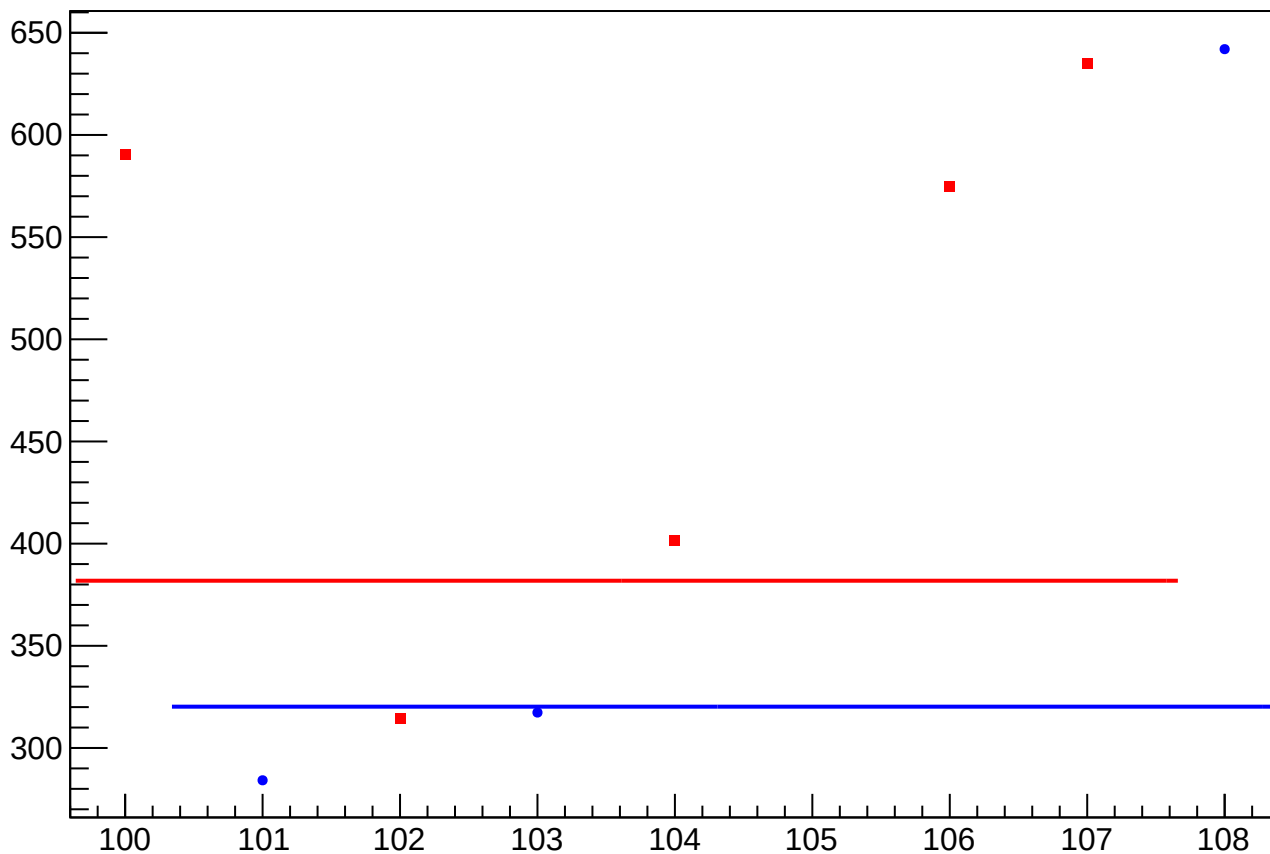
Right: 76.525+/-194.885 χ^2/NDF : 9.4/7

In: -140.980+/-258.155 χ^2/NDF : 3.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.525+/-194.885 χ^2/NDF : 9.4/7

asym_sam7_reg_correction_rms vs Slug, Sign Corrected



Right In: 320.219+/-0.183 χ^2/NDF : 219077.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 381.851+/-0.210 χ^2/NDF : 229500.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

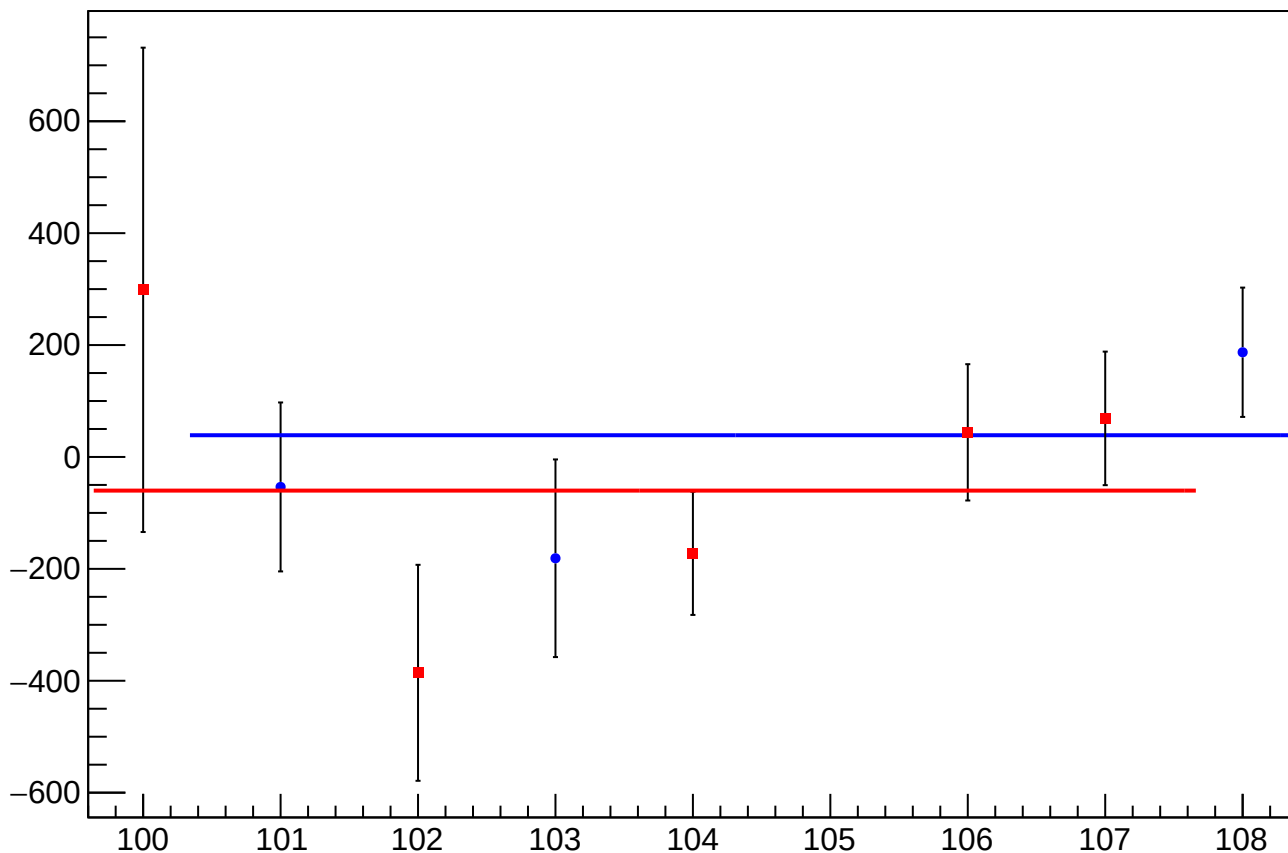
Right: 346.727+/-0.138 χ^2/NDF : 497607.7/7

In: 320.219+/-0.183 χ^2/NDF : 219077.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 346.727+/-0.138 χ^2/NDF : 497607.7/7

cor_asym_sam7_mean vs Slug, Sign Corrected



Right In: 38.840+/-81.434 χ^2/NDF : 3.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -60.126+/-62.955 χ^2/NDF : 6.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

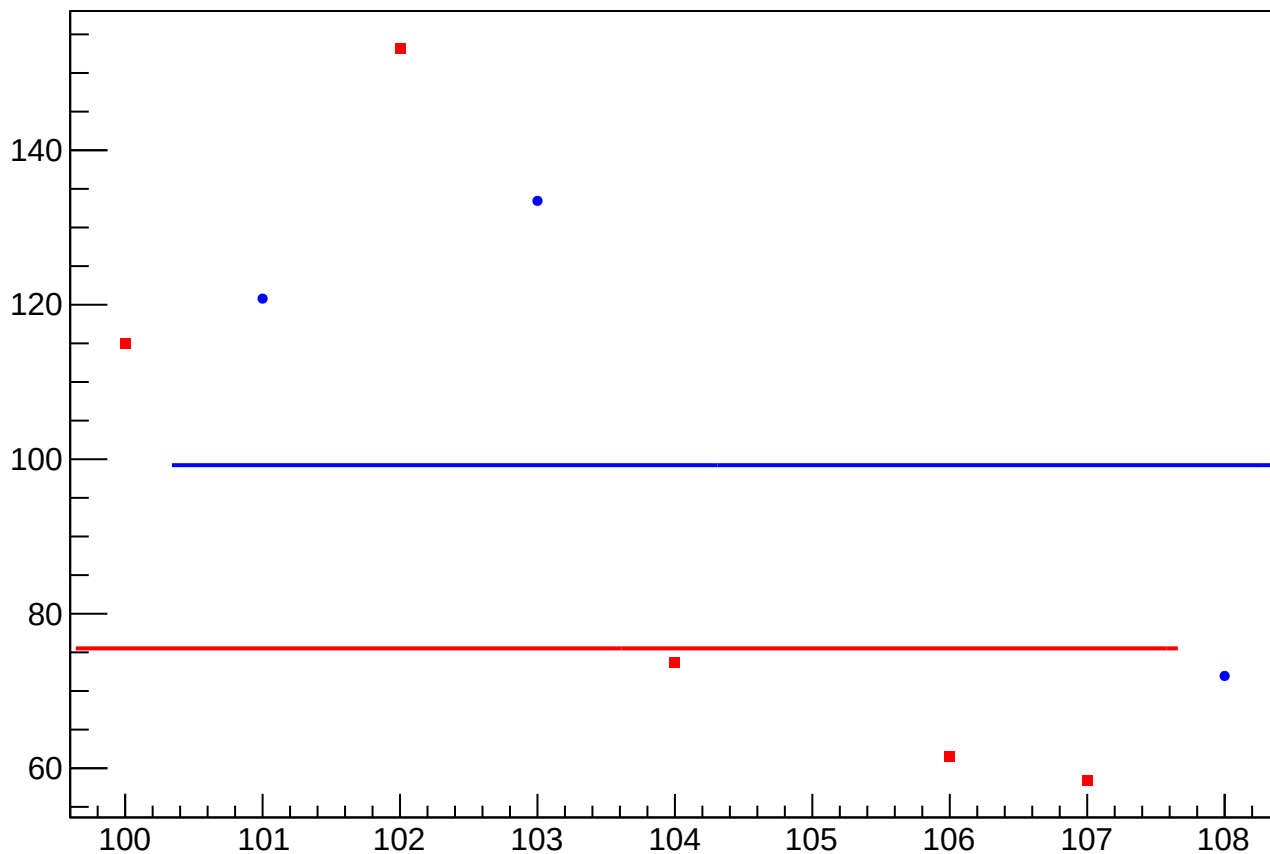
Right: -23.104+/-49.807 χ^2/NDF : 11.0/7

In: 38.840+/-81.434 χ^2/NDF : 3.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.104+/-49.807 χ^2/NDF : 11.0/7

cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 99.230+/-0.058 χ^2/NDF : 227329.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.519+/-0.045 χ^2/NDF : 407886.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

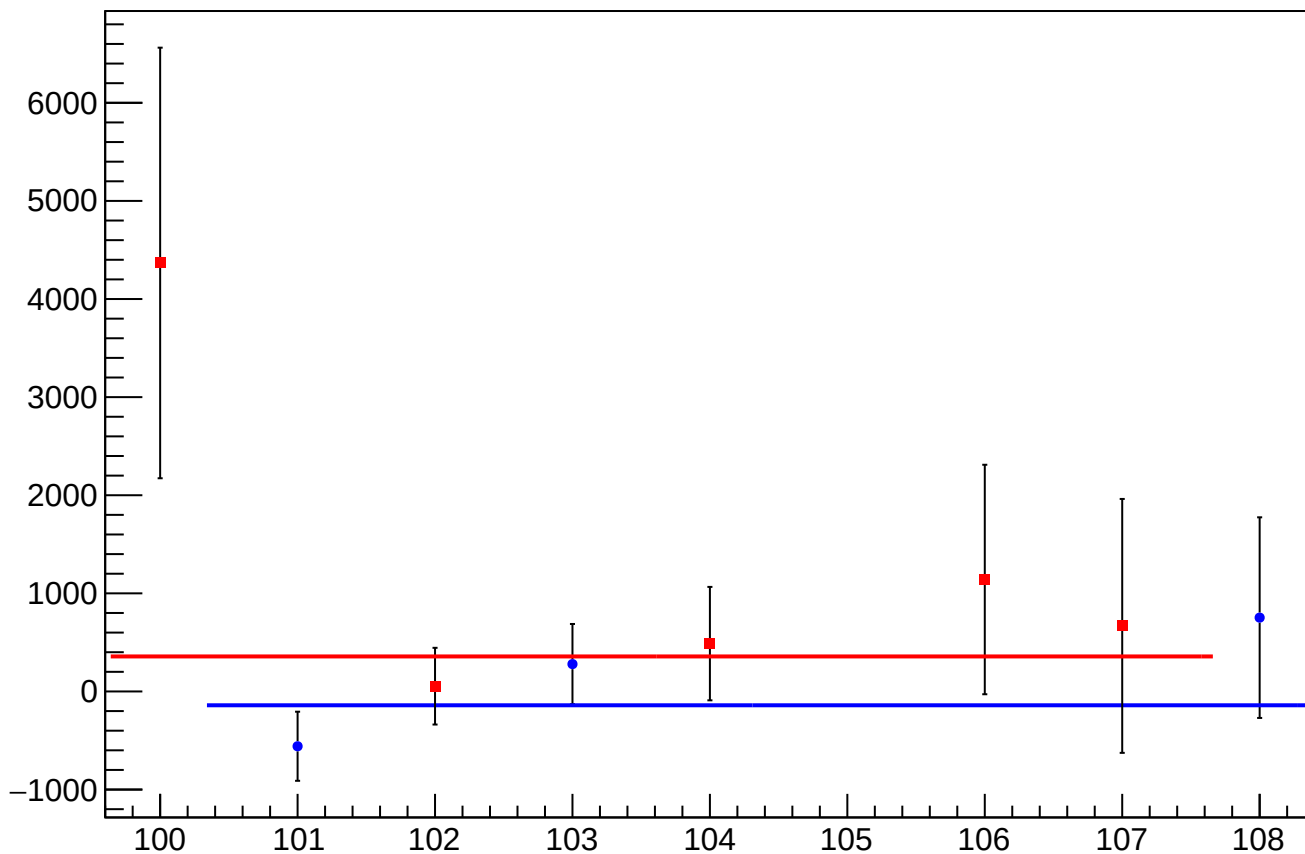
Right: 84.389+/-0.035 χ^2/NDF : 741344.5/7

In: 99.230+/-0.058 χ^2/NDF : 227329.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.389+/-0.035 χ^2/NDF : 741344.5/7

asym_sam7_cor_correction_mean vs Slug, Sign Corrected



Right In: -140.954+/-258.162 χ^2/NDF : 3.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 356.869+/-300.533 χ^2/NDF : 4.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

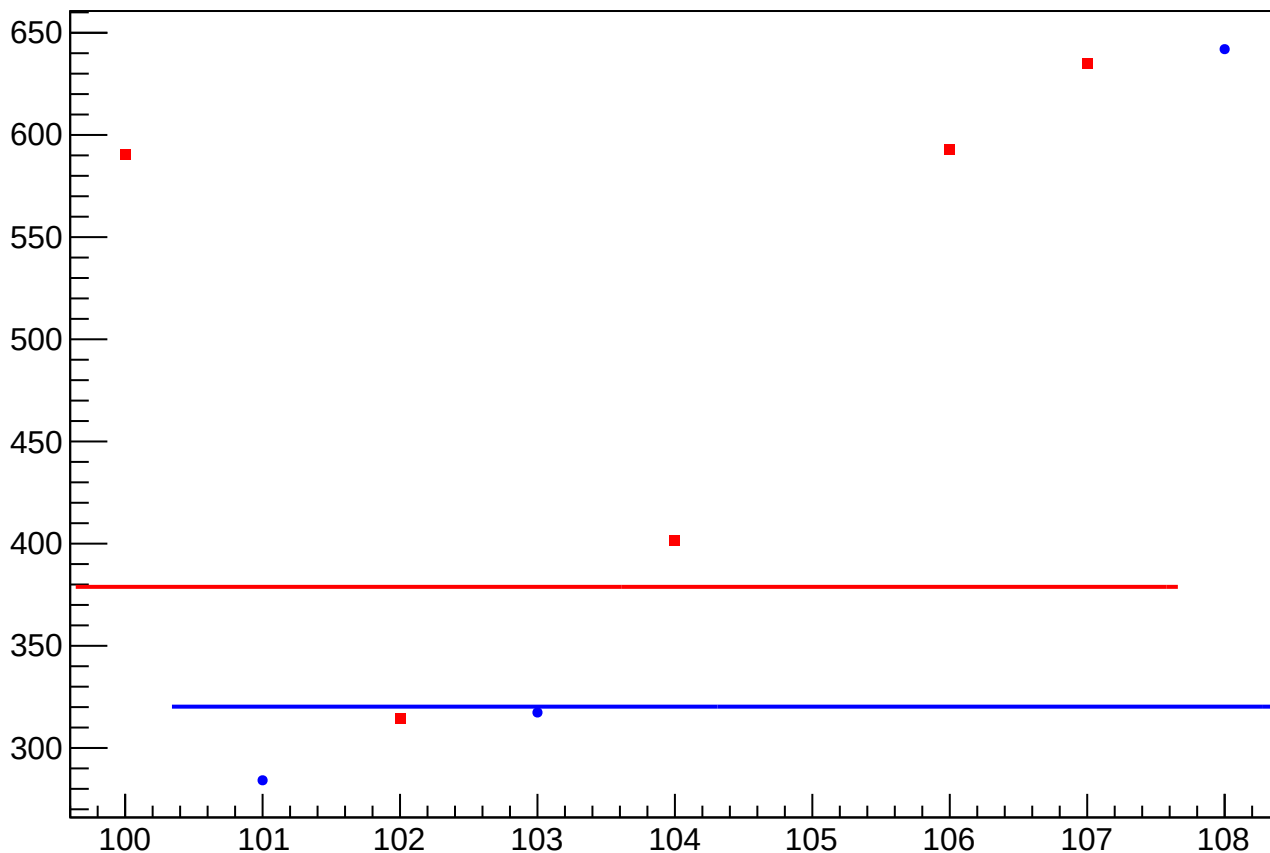
Right: 70.419+/-195.830 χ^2/NDF : 9.3/7

In: -140.954+/-258.162 χ^2/NDF : 3.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.419+/-195.830 χ^2/NDF : 9.3/7

asym_sam7_cor_correction_rms vs Slug, Sign Corrected



Right In: 320.227+/-0.183 χ^2/NDF : 219075.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 378.851+/-0.213 χ^2/NDF : 221143.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

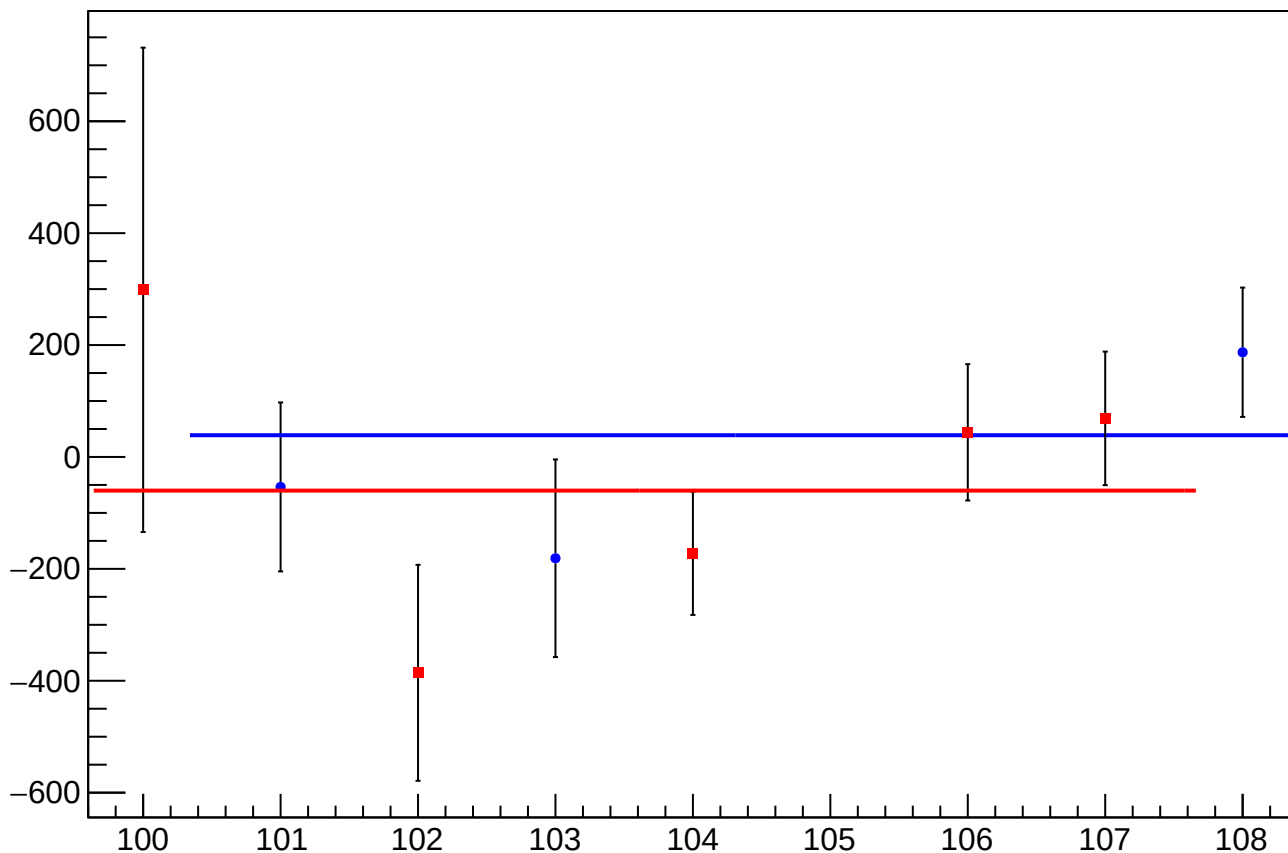
Right: 345.119+/-0.138 χ^2/NDF : 484008.7/7

In: 320.227+/-0.183 χ^2/NDF : 219075.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.119+/-0.138 χ^2/NDF : 484008.7/7

eigen_cor_asym_sam7_mean vs Slug, Sign Corrected



Right In: 38.840+/-81.434 χ^2/NDF : 3.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -60.126+/-62.955 χ^2/NDF : 6.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

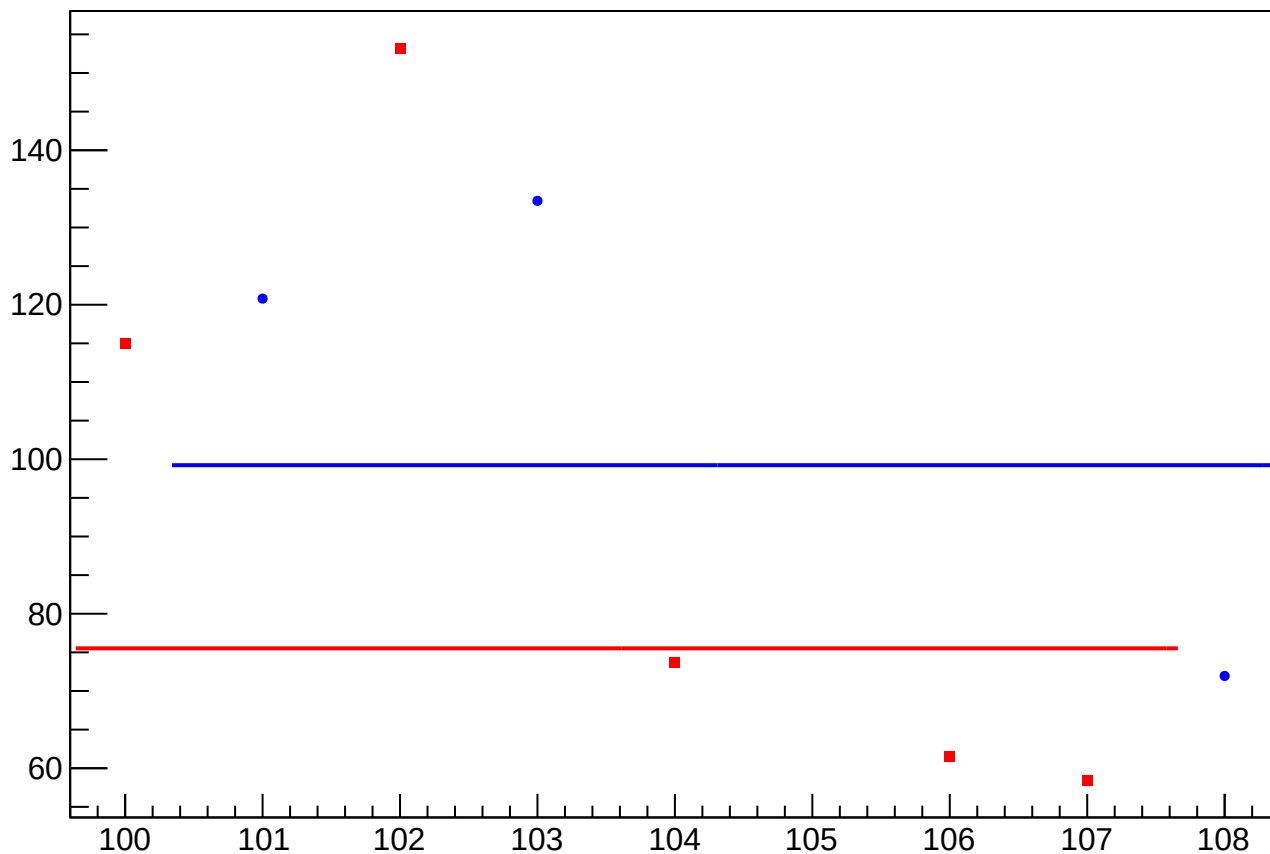
Right: -23.104+/-49.807 χ^2/NDF : 11.0/7

In: 38.840+/-81.434 χ^2/NDF : 3.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.104+/-49.807 χ^2/NDF : 11.0/7

eigen_cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 99.230+/-0.058 χ^2/NDF : 227329.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.519+/-0.045 χ^2/NDF : 407886.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

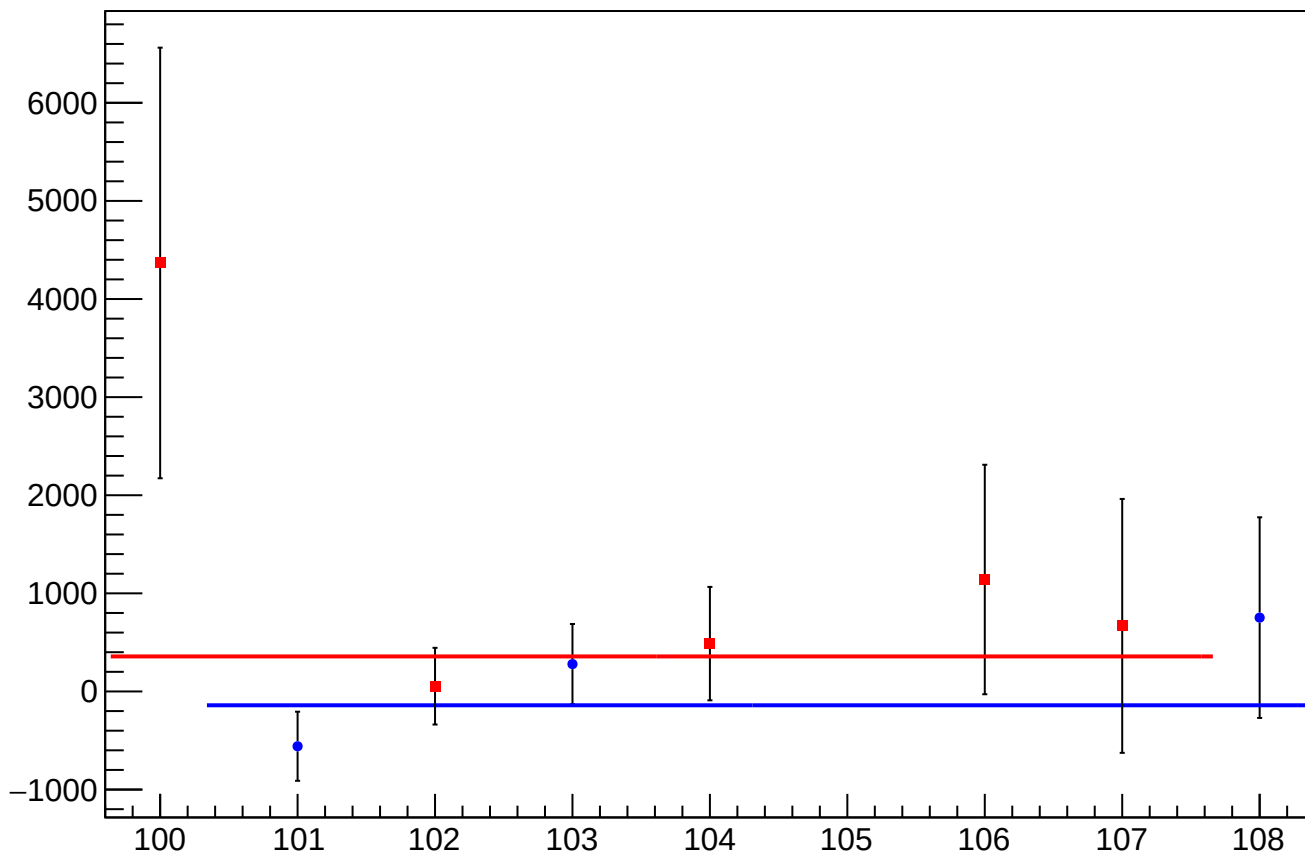
Right: 84.389+/-0.035 χ^2/NDF : 741344.5/7

In: 99.230+/-0.058 χ^2/NDF : 227329.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.389+/-0.035 χ^2/NDF : 741344.5/7

asym_sam7_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -140.954+/-258.162 χ^2/NDF : 3.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 356.869+/-300.533 χ^2/NDF : 4.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

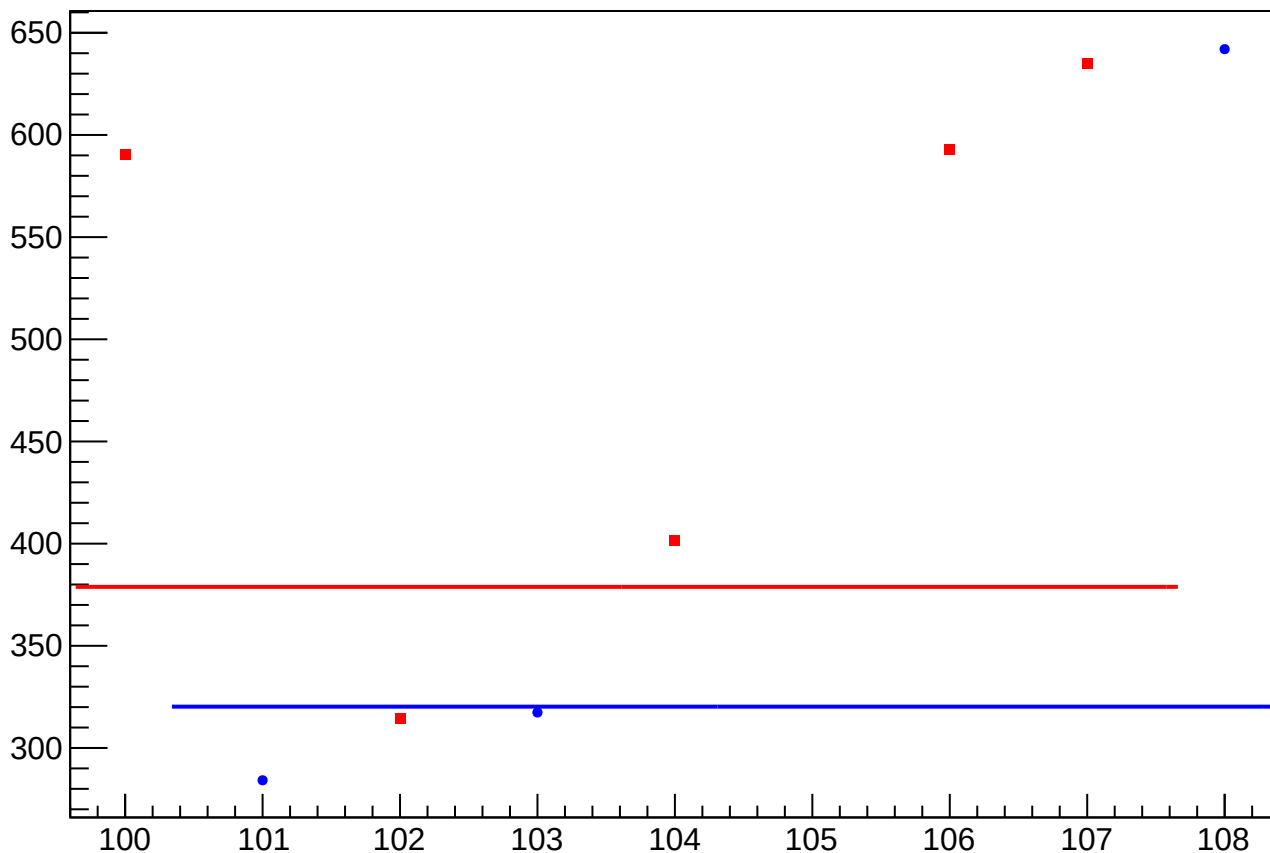
Right: 70.419+/-195.830 χ^2/NDF : 9.3/7

In: -140.954+/-258.162 χ^2/NDF : 3.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.419+/-195.830 χ^2/NDF : 9.3/7

asym_sam7_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 320.227+/-0.183 χ^2/NDF : 219075.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 378.851+/-0.213 χ^2/NDF : 221143.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

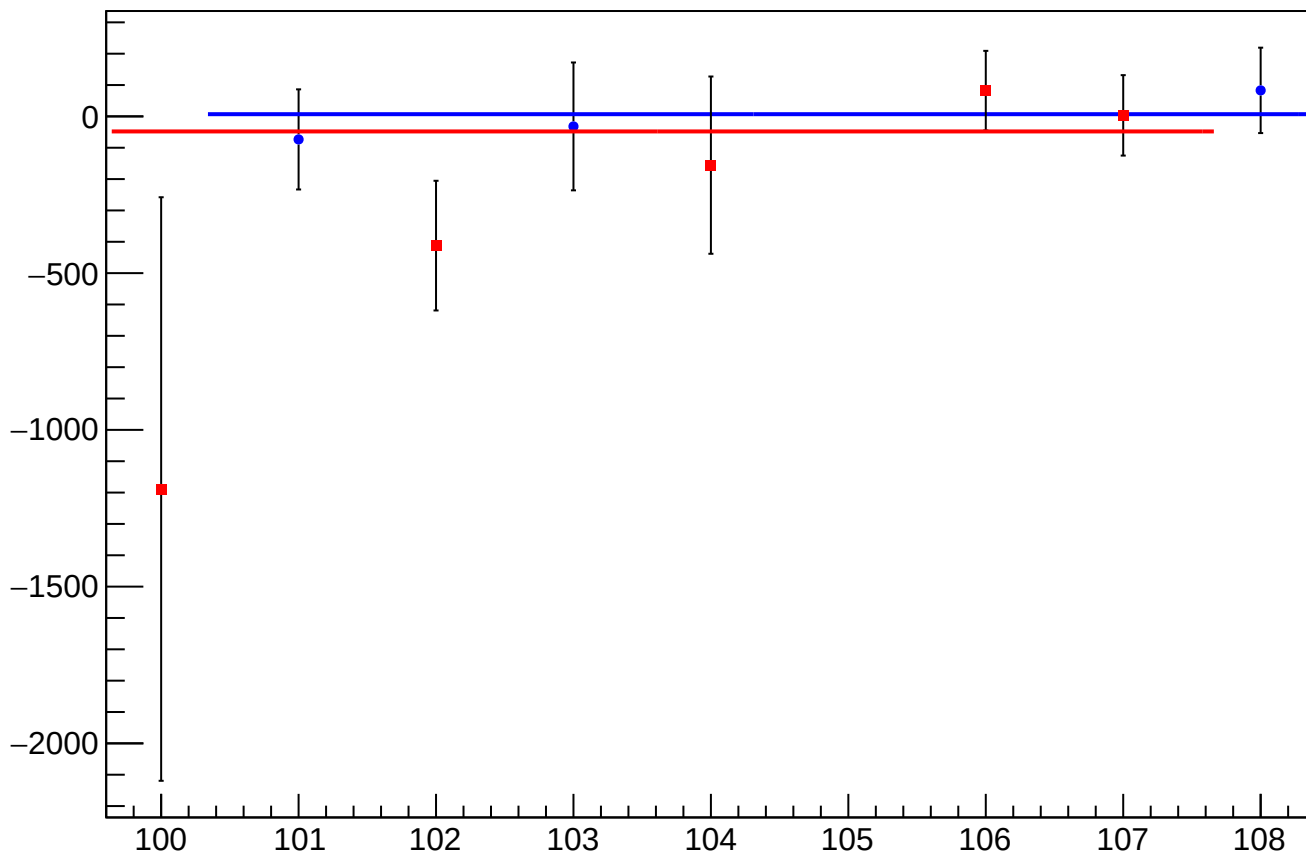
Right: 345.119+/-0.138 χ^2/NDF : 484008.7/7

In: 320.227+/-0.183 χ^2/NDF : 219075.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.119+/-0.138 χ^2/NDF : 484008.7/7

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: 7.034+/-92.394 χ^2/NDF : 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -47.999+/-79.113 χ^2/NDF : 6.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

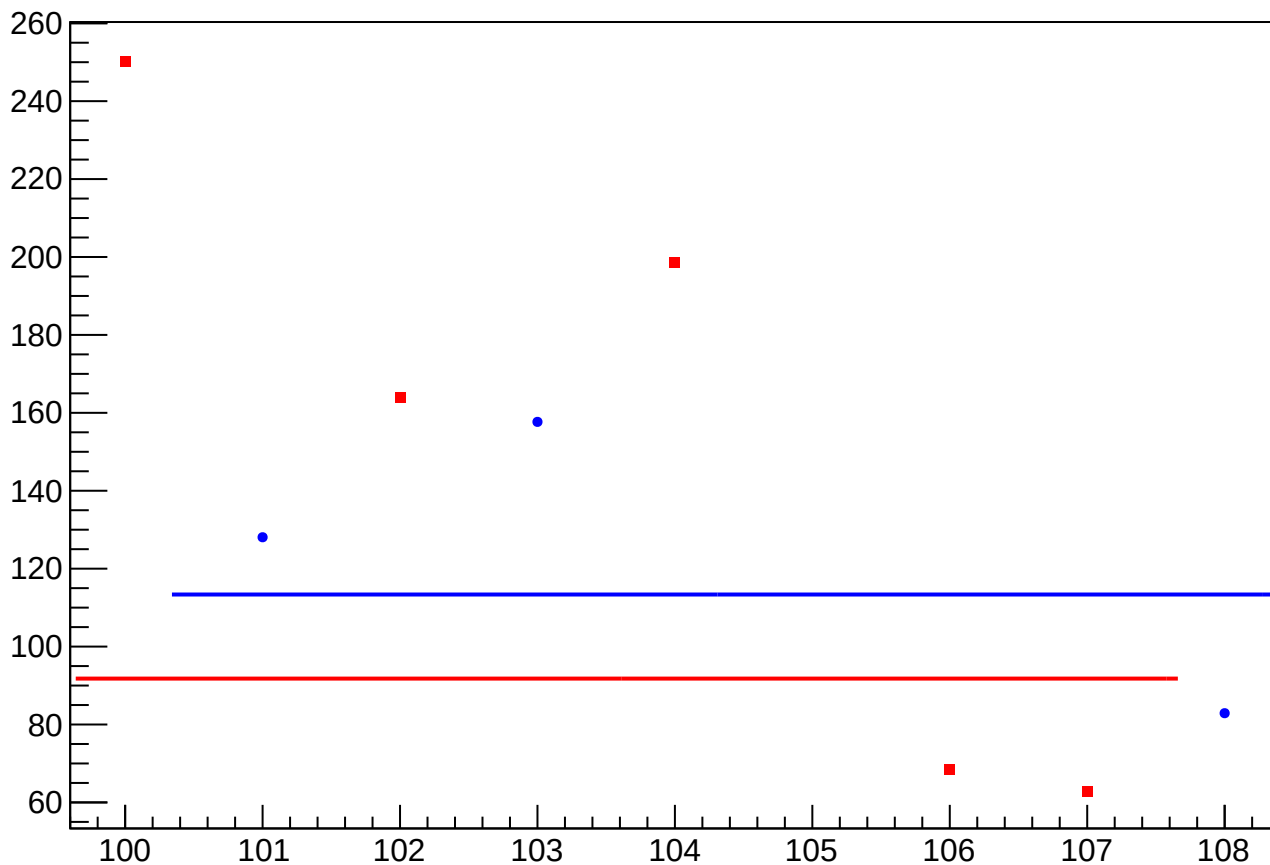
Right: -24.719+/-60.093 χ^2/NDF : 6.8/7

In: 7.034+/-92.394 χ^2/NDF : 0.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.719+/-60.093 χ^2/NDF : 6.8/7

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 113.367 $\pm$ 0.065 χ^2 /NDF: 211385.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 91.785 $\pm$ 0.056 χ^2 /NDF: 756311.0/4

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

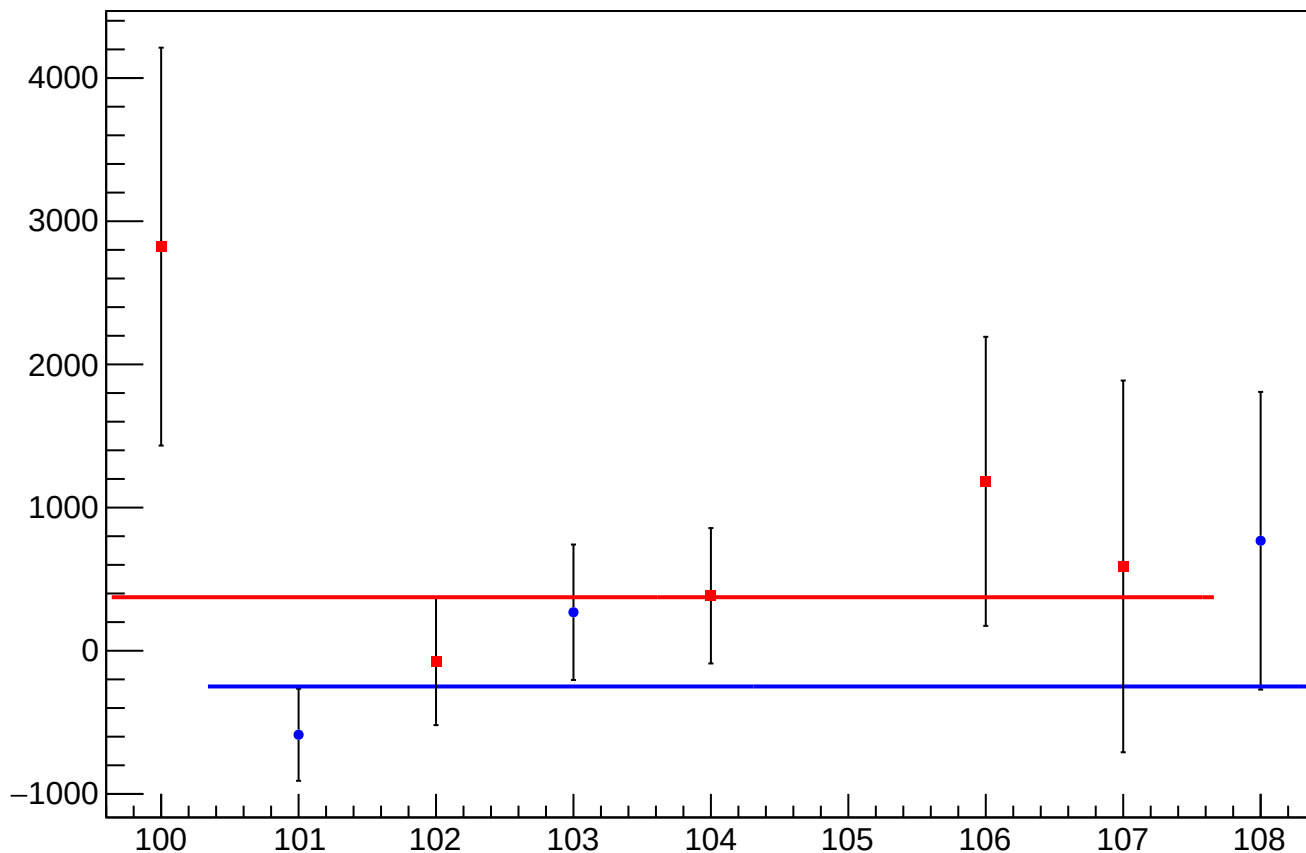
Right: 100.915 $\pm$ 0.042 χ^2 /NDF: 1030655.2/7

In: 113.367 $\pm$ 0.065 χ^2 /NDF:211385.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 100.915 $\pm$ 0.042 χ^2 /NDF: 1030655.2/7

asym_sam7_dit_correction_mean vs Slug, Sign Corrected



Right In: -249.424 $\pm$ 257.656 χ^2 /NDF: 3.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 373.949 $\pm$ 293.967 χ^2 /NDF: 4.8/4

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

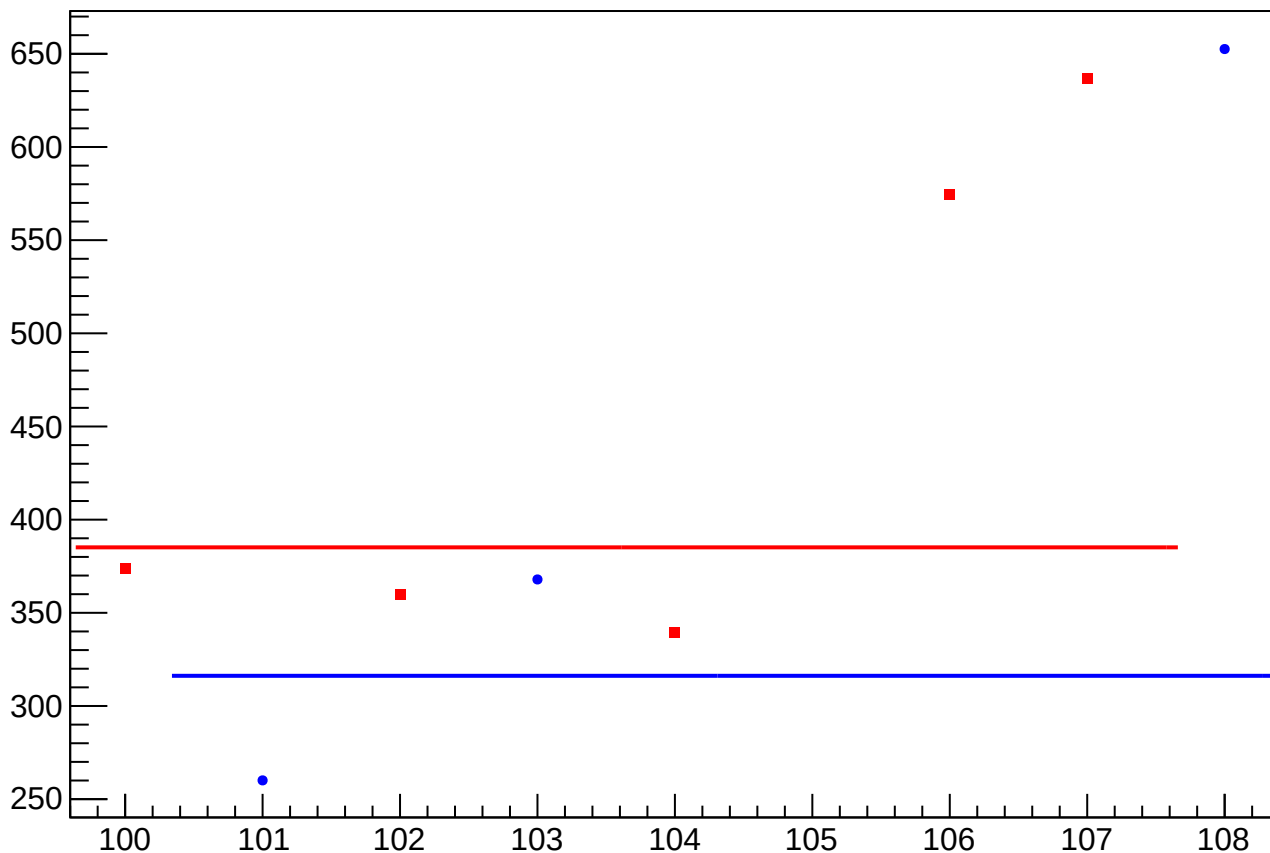
Right: 21.405 $\pm$ 193.764 χ^2 /NDF: 10.6/7

In: -249.424 $\pm$ 257.656 χ^2 /NDF: 3.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.405 $\pm$ 193.764 χ^2 /NDF: 10.6/7

asym_sam7_dit_correction_rms vs Slug, Sign Corrected



Right In: 316.196+/-0.182 χ^2/NDF : 294221.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 385.134+/-0.208 χ^2/NDF : 170604.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

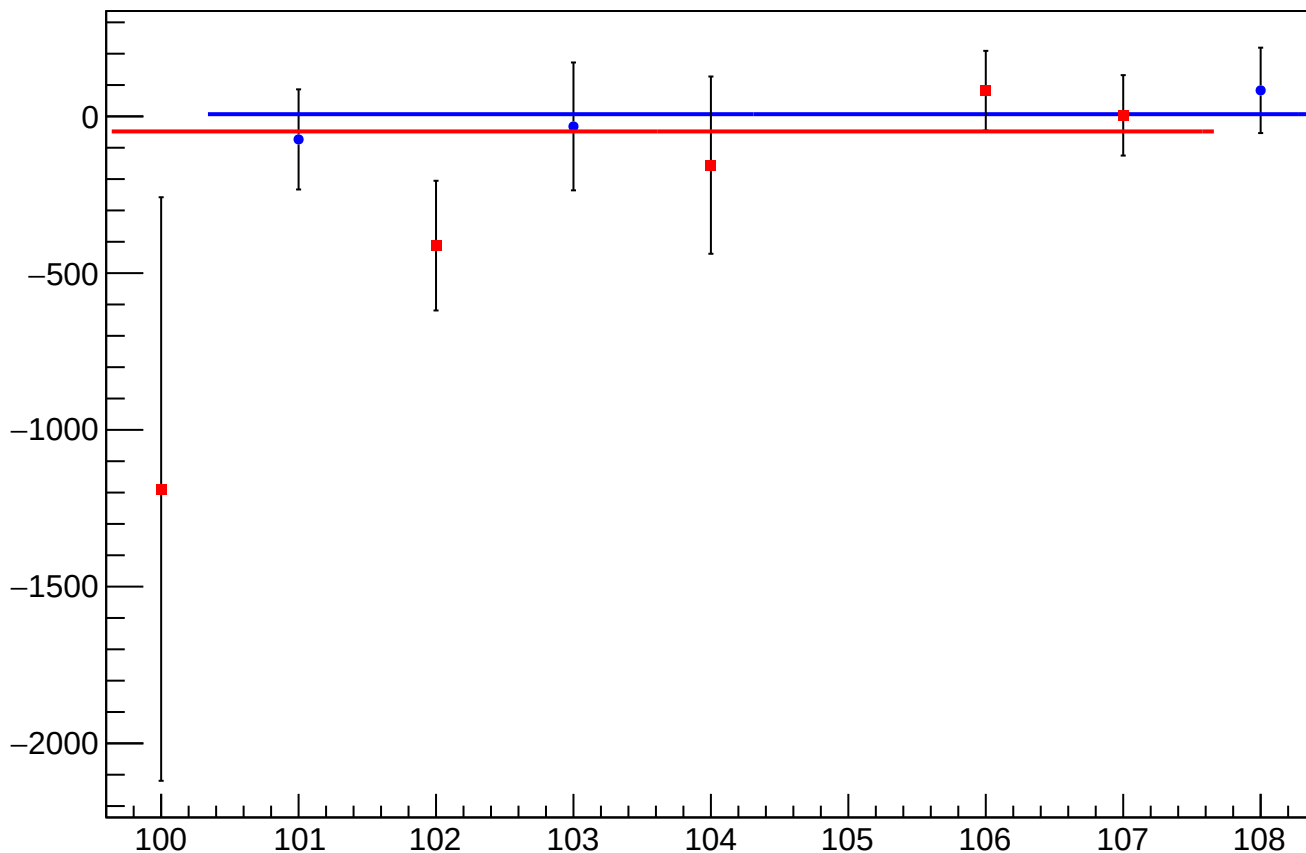
Right: 346.147+/-0.137 χ^2/NDF : 527029.5/7

In: 316.196+/-0.182 χ^2/NDF : 294221.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 346.147+/-0.137 χ^2/NDF : 527029.5/7

eigen_dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: 7.034+/-92.394 χ^2/NDF : 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -47.999+/-79.113 χ^2/NDF : 6.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

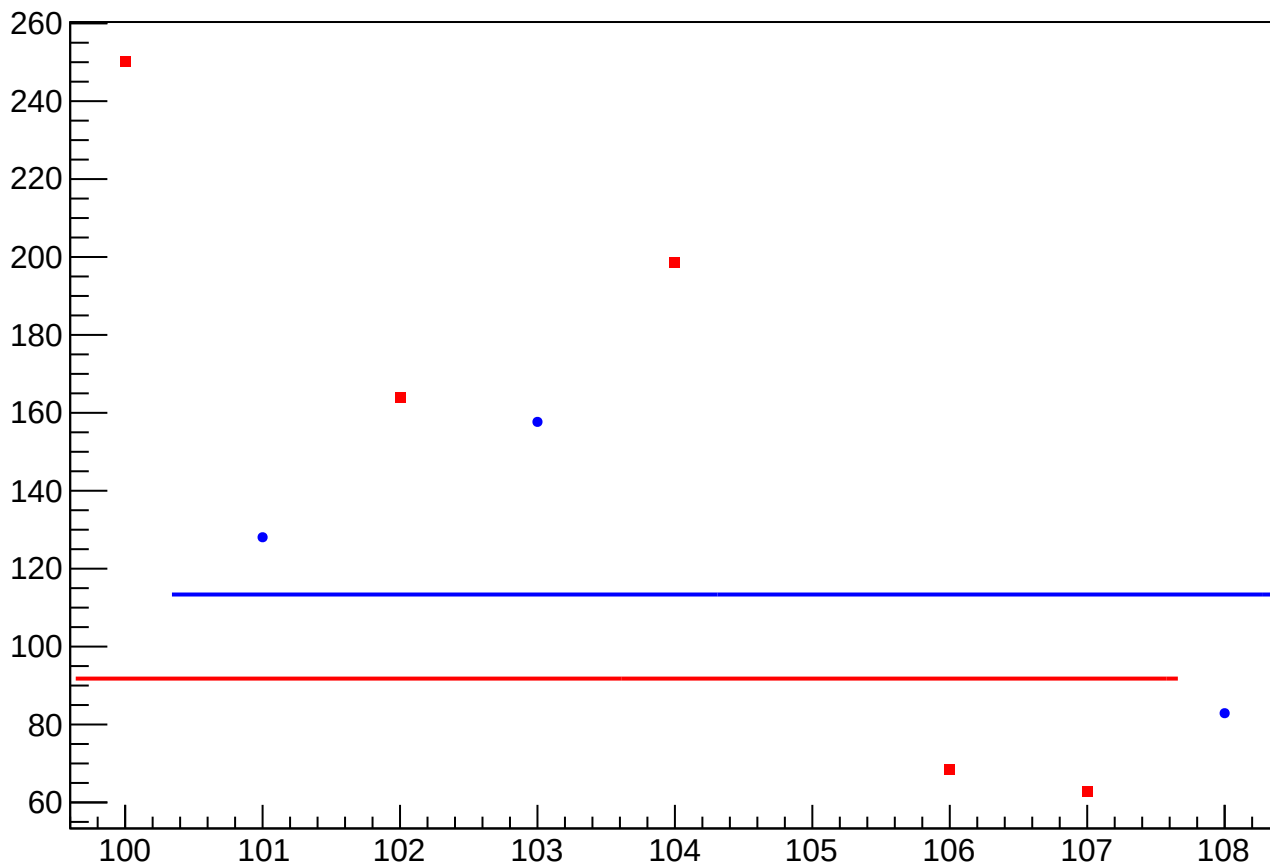
Right: -24.719+/-60.093 χ^2/NDF : 6.8/7

In: 7.034+/-92.394 χ^2/NDF : 0.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.719+/-60.093 χ^2/NDF : 6.8/7

eigen_dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 113.367 $\pm$ 0.065 χ^2 /NDF: 211384.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 91.786 $\pm$ 0.056 χ^2 /NDF: 756309.7/4

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

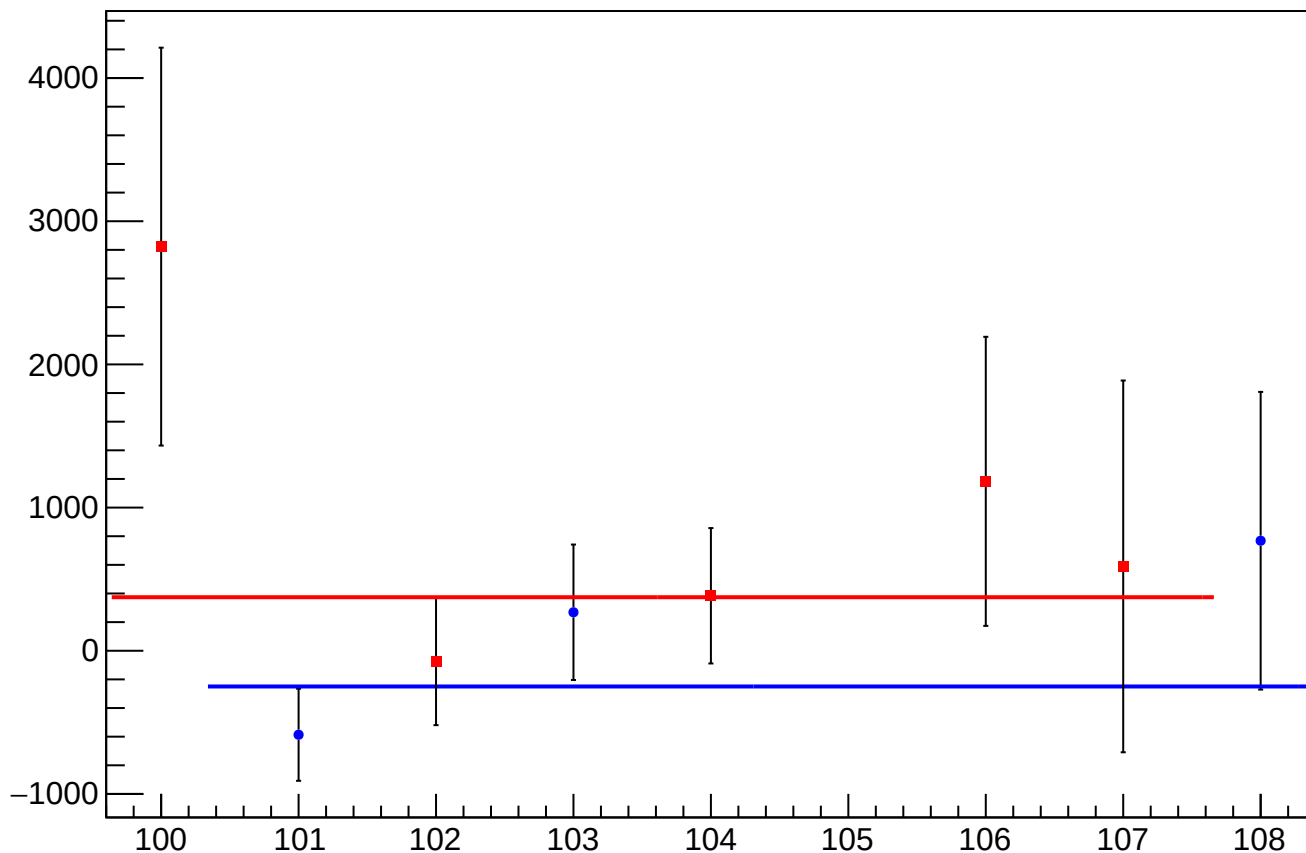
Right: 100.915 $\pm$ 0.042 χ^2 /NDF: 1030652.9/7

In: 113.367 $\pm$ 0.065 χ^2 /NDF:211384.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 100.915 $\pm$ 0.042 χ^2 /NDF: 1030652.9/7

asym_sam7_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -249.424 $\pm$ 257.655 χ^2 /NDF: 3.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 373.949 $\pm$ 293.967 χ^2 /NDF: 4.8/4

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

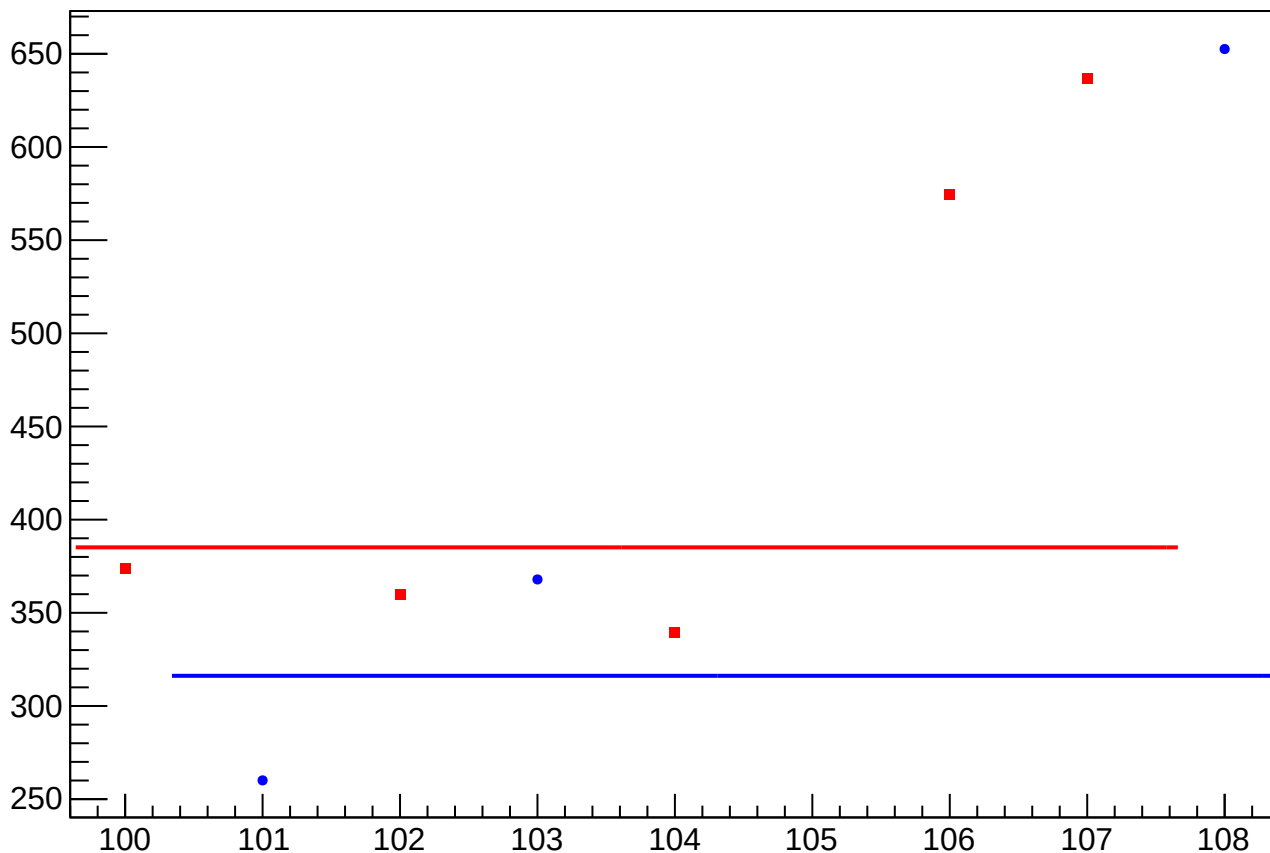
Right: 21.405 $\pm$ 193.763 χ^2 /NDF: 10.6/7

In: -249.424 $\pm$ 257.655 χ^2 /NDF: 3.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.405 $\pm$ 193.763 χ^2 /NDF: 10.6/7

asym_sam7_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 316.195+/-0.182 χ^2/NDF : 294223.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 385.134+/-0.208 χ^2/NDF : 170603.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

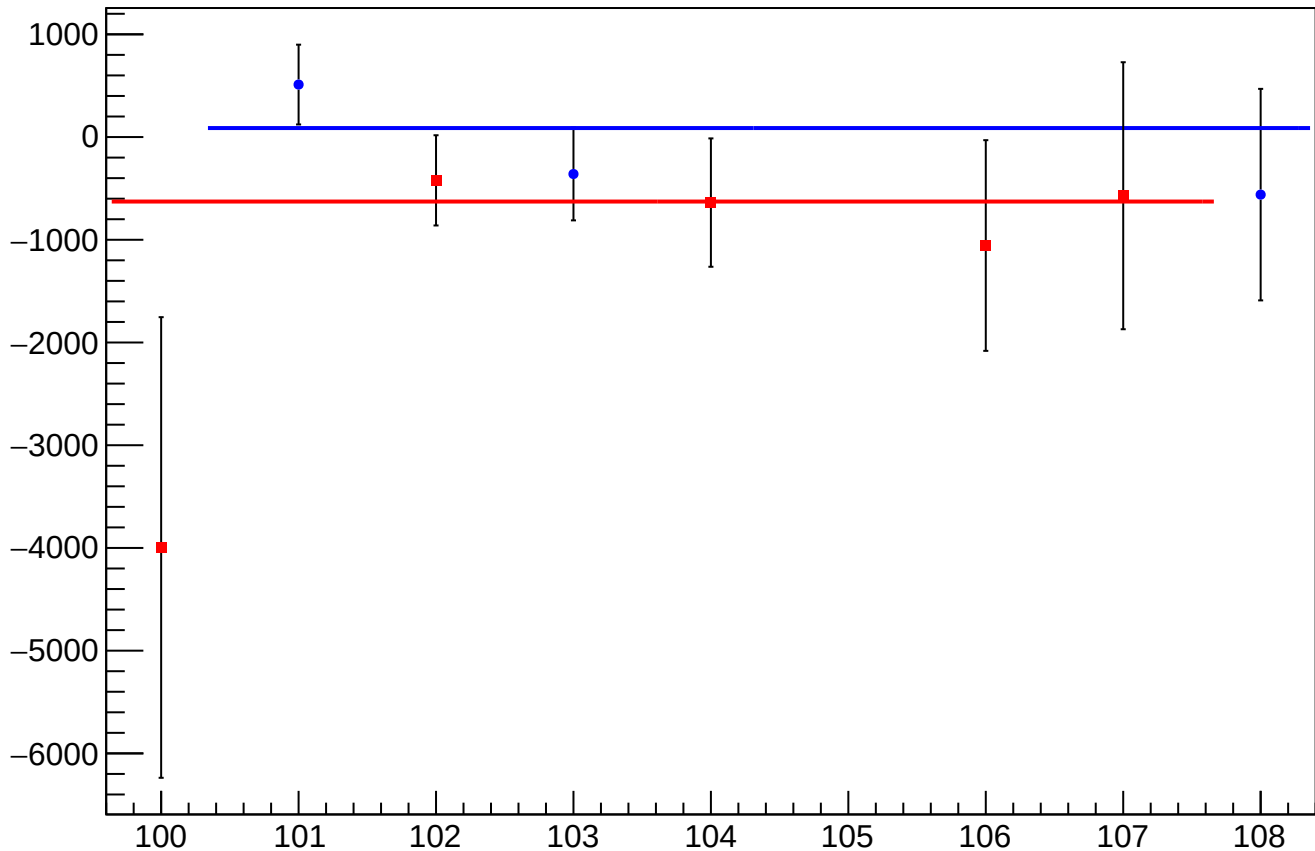
Right: 346.146+/-0.137 χ^2/NDF : 527031.5/7

In: 316.195+/-0.182 χ^2/NDF : 294223.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 346.146+/-0.137 χ^2/NDF : 527031.5/7

asym_sam7_mean vs Slug, Sign Corrected



Right In: 87.593+/-283.033 χ^2/NDF : 2.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -627.806+/-324.649 χ^2/NDF : 2.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

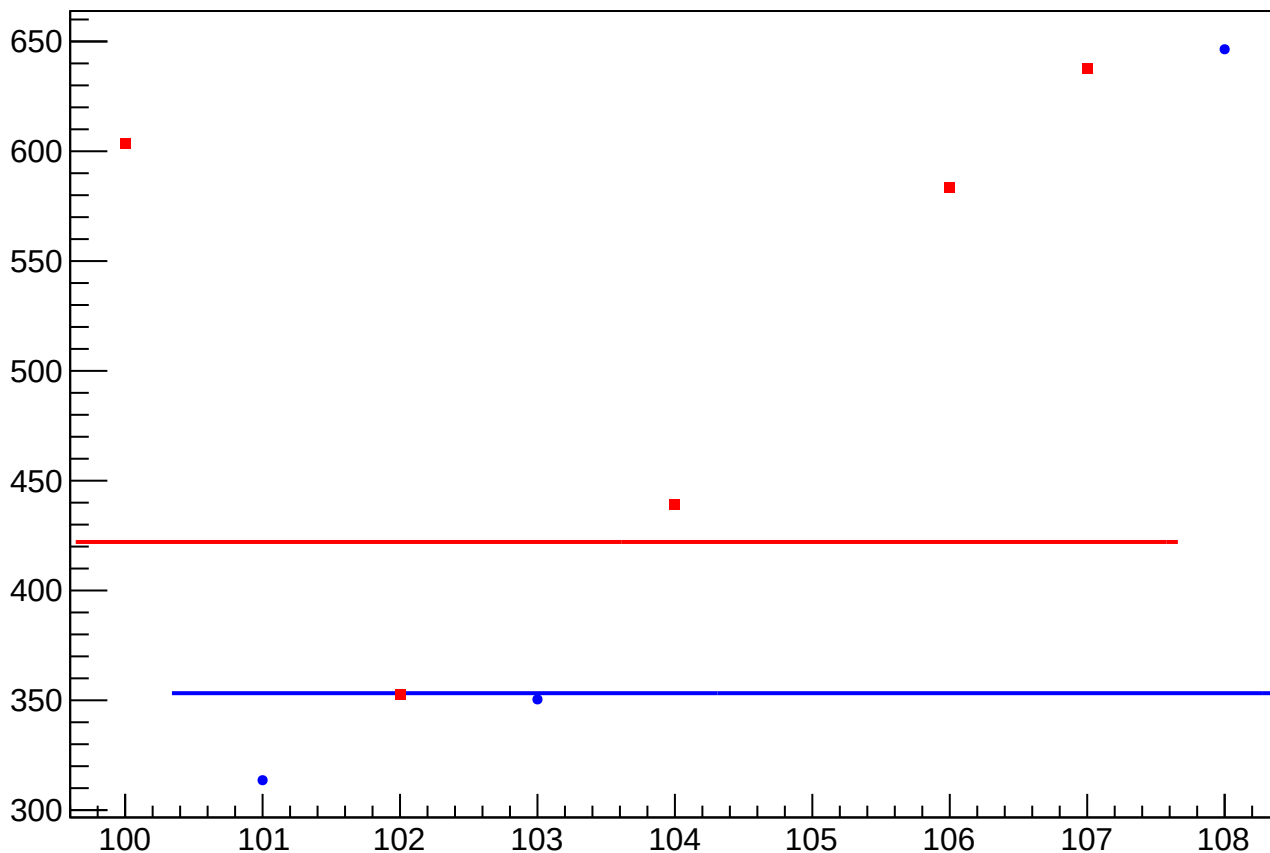
Right: -221.343+/-213.341 χ^2/NDF : 8.0/7

In: 87.593+/-283.033 χ^2/NDF : 2.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -221.343+/-213.341 χ^2/NDF : 8.0/7

asym_sam7_rms vs Slug, Sign Corrected



Right In: 353.240 $\pm$ 0.200 χ^2 /NDF: 183080.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 422.096 $\pm$ 0.230 χ^2 /NDF: 169420.7/4

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

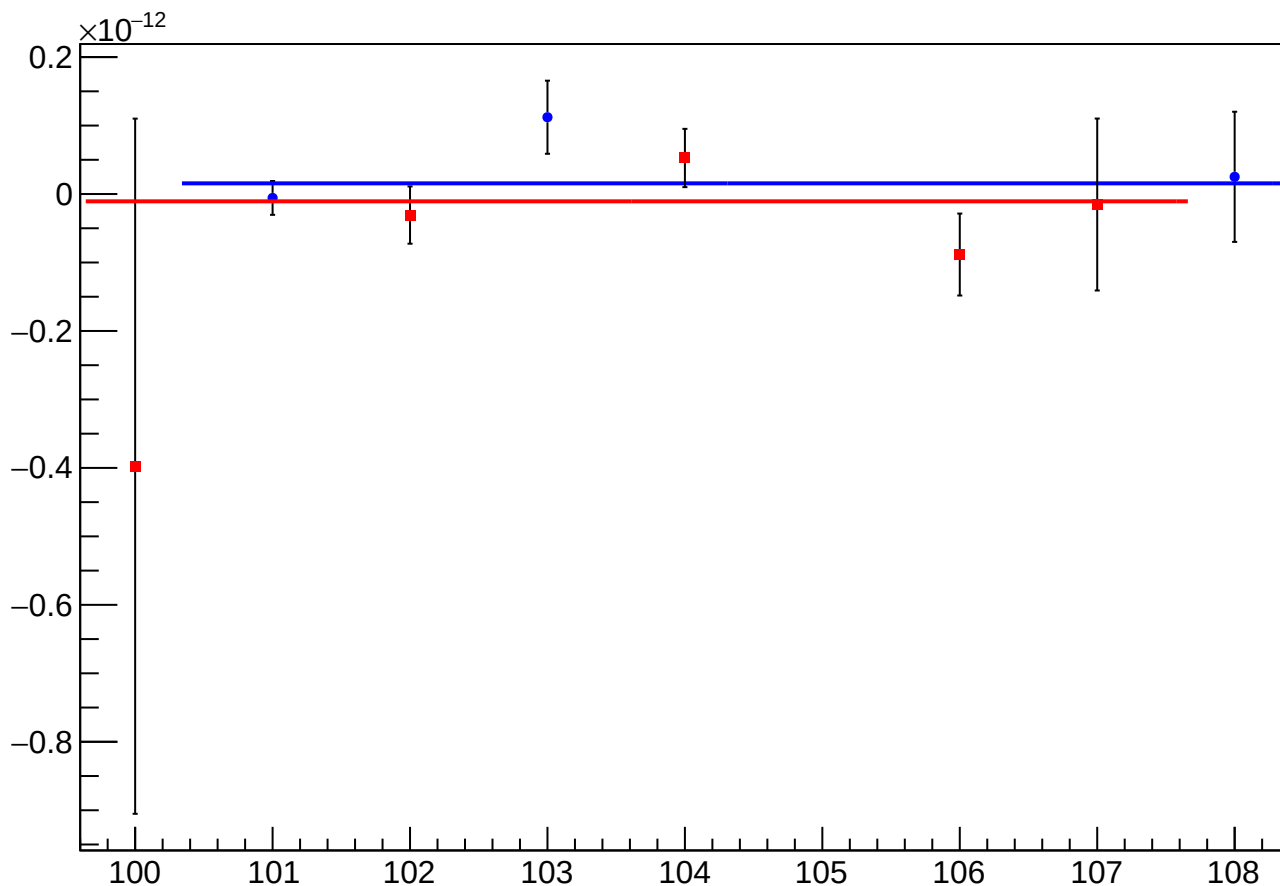
Right: 382.975 $\pm$ 0.151 χ^2 /NDF: 403617.2/7

In: 353.240 $\pm$ 0.200 χ^2 /NDF: 183080.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 382.975 $\pm$ 0.151 χ^2 /NDF: 403617.2/7

asym_sam7_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

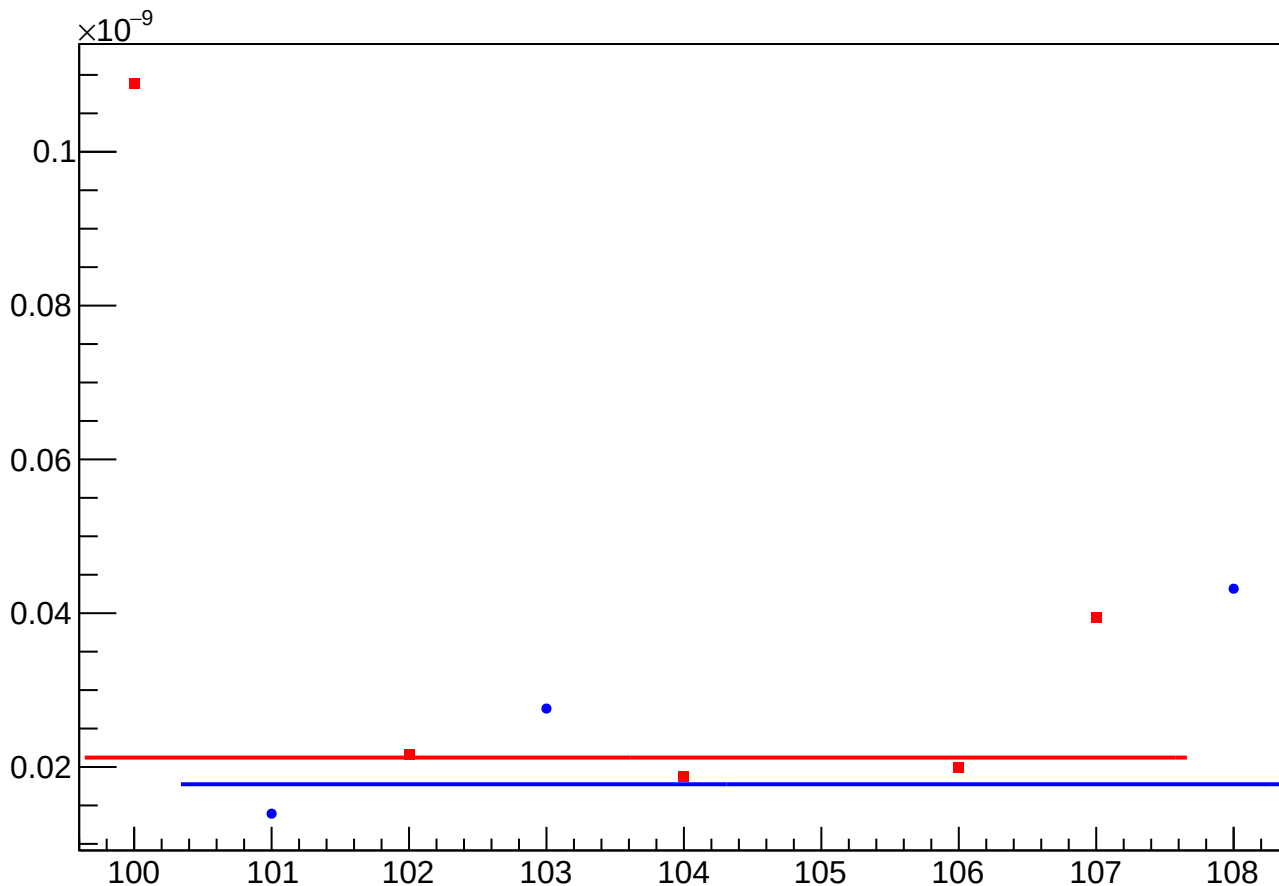
Right: 0.000+/-0.000 χ^2/NDF : 9.3/7

In: 0.000+/-0.000 χ^2/NDF : 4.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.3/7

asym_sam7_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 259139.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 109786.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

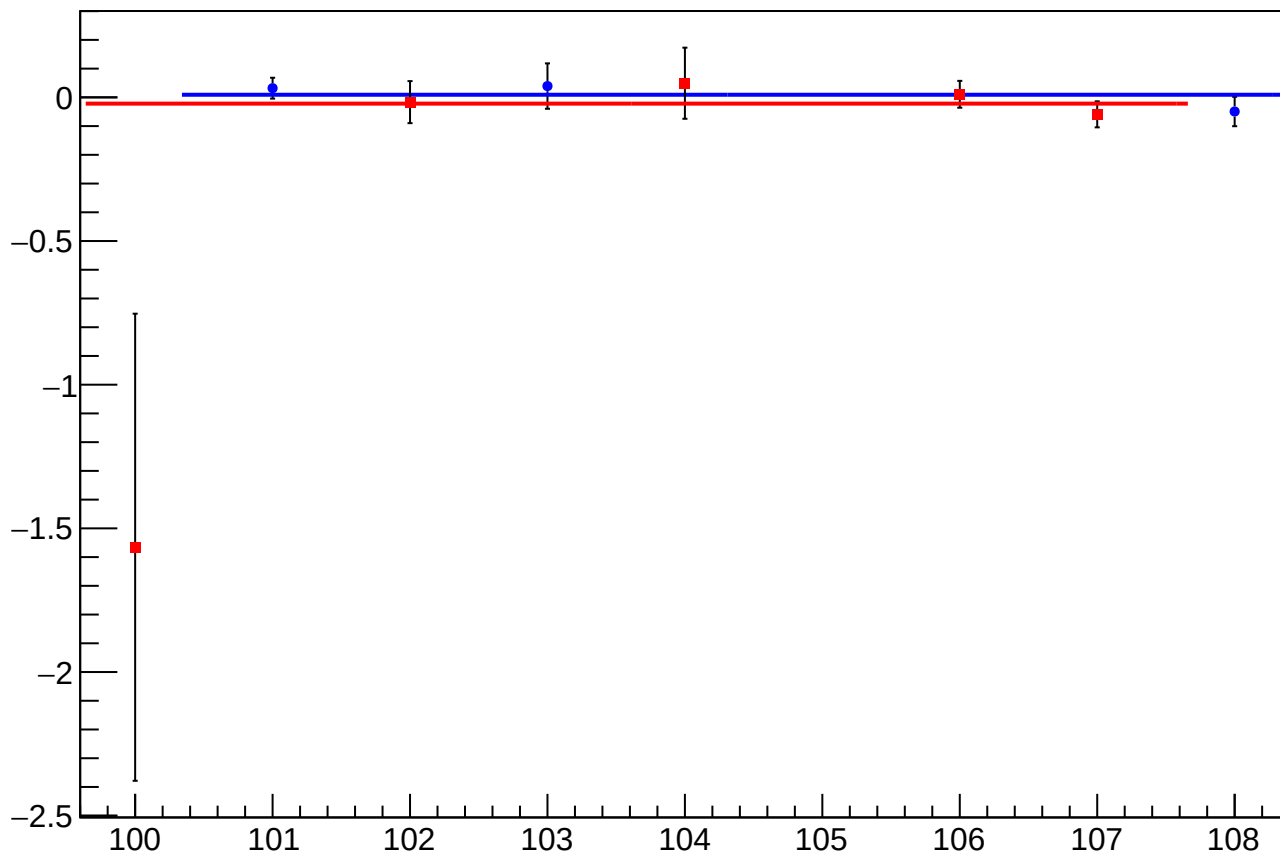
Right: 0.000+/-0.000 χ^2/NDF : 389765.0/7

In: 0.000+/-0.000 χ^2/NDF : 259139.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 389765.0/7

asym_sam7_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.028 χ^2/NDF : 1.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.022+/-0.029 χ^2/NDF : 5.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

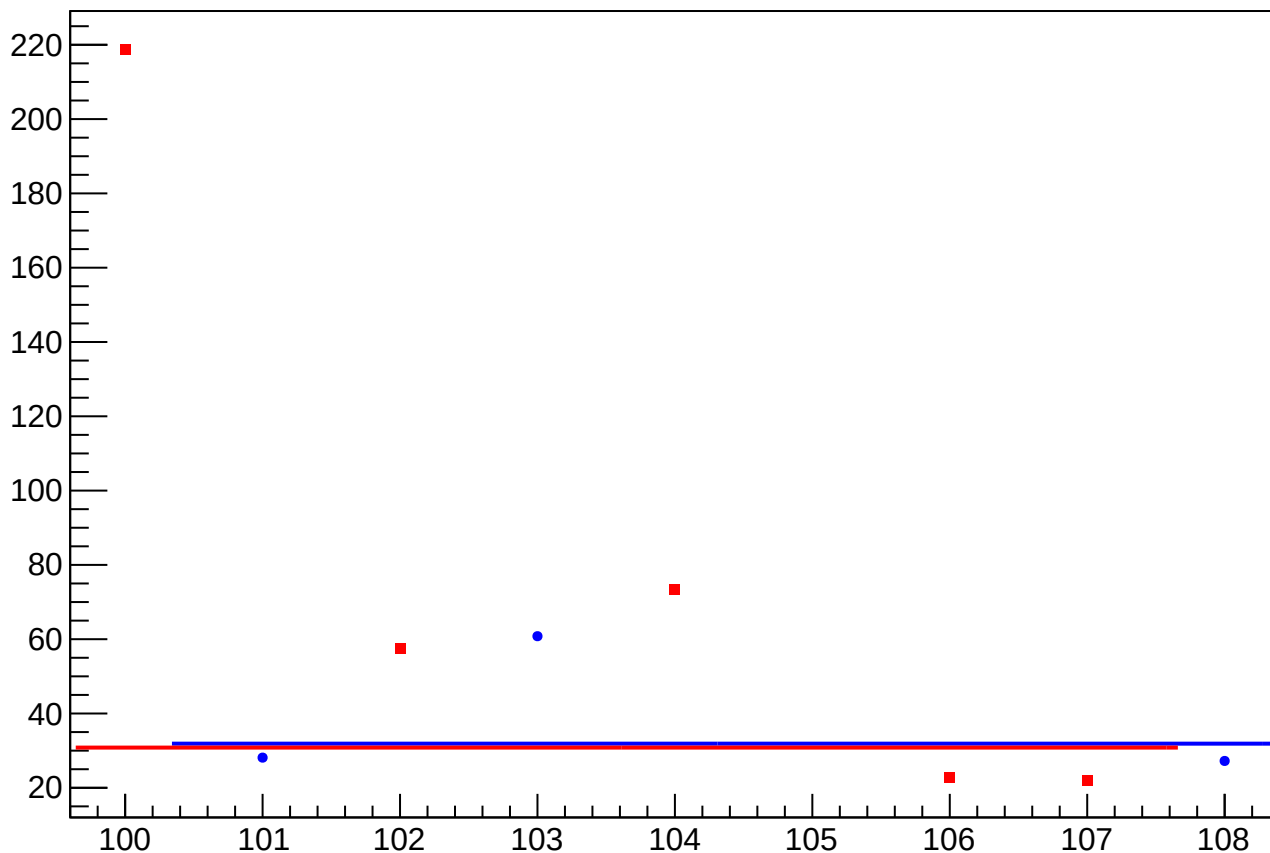
Right: -0.006+/-0.020 χ^2/NDF : 7.5/7

In: 0.009+/-0.028 χ^2/NDF : 1.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.020 χ^2/NDF : 7.5/7

asym_sam7_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.882 $\pm$ 0.020 χ^2 /NDF: 306130.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 30.823 $\pm$ 0.020 χ^2 /NDF: 745633.7/4

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

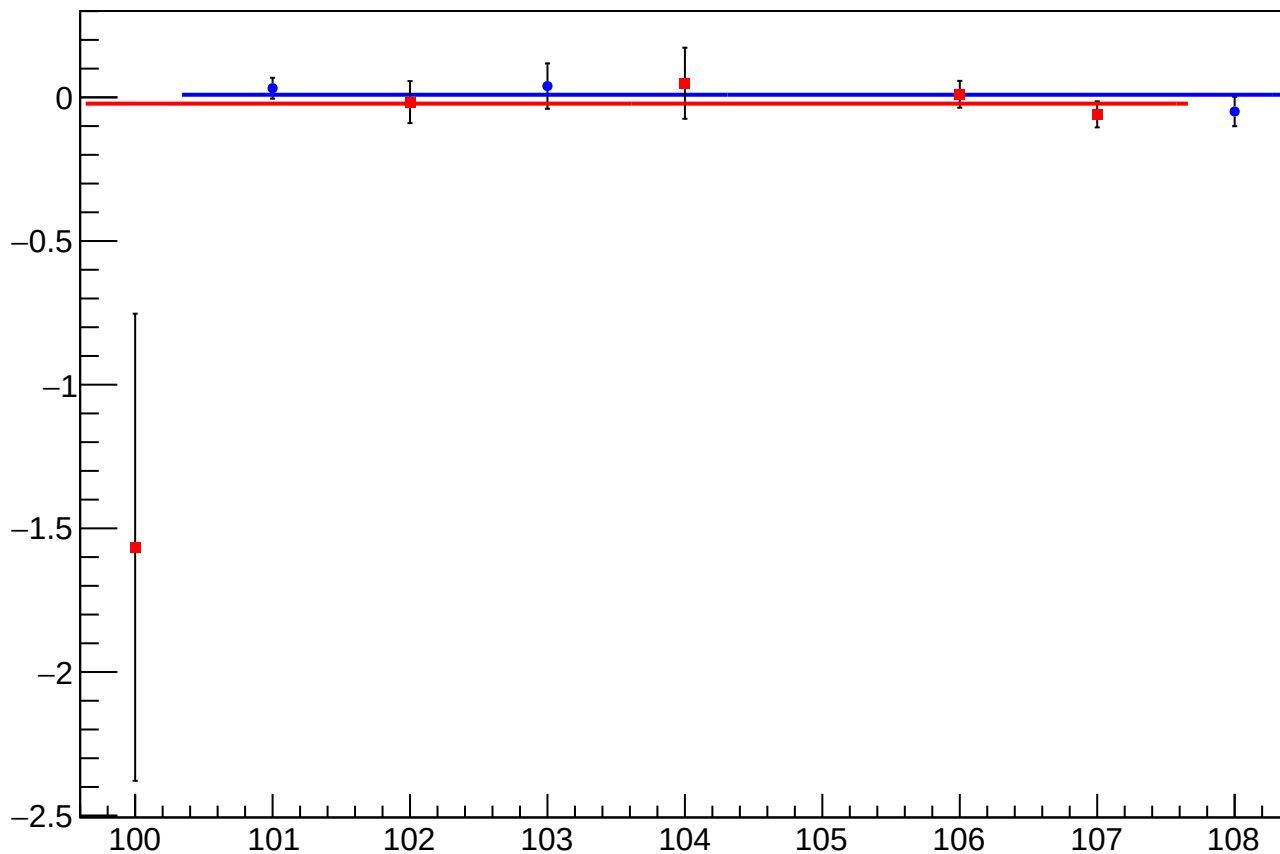
Right: 31.374 $\pm$ 0.014 χ^2 /NDF: 1053166.1/7

In: 31.882 $\pm$ 0.020 χ^2 /NDF:306130.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 31.374 $\pm$ 0.014 χ^2 /NDF: 1053166.1/7

asym_sam7_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.028 χ^2/NDF : 1.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.022+/-0.029 χ^2/NDF : 5.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

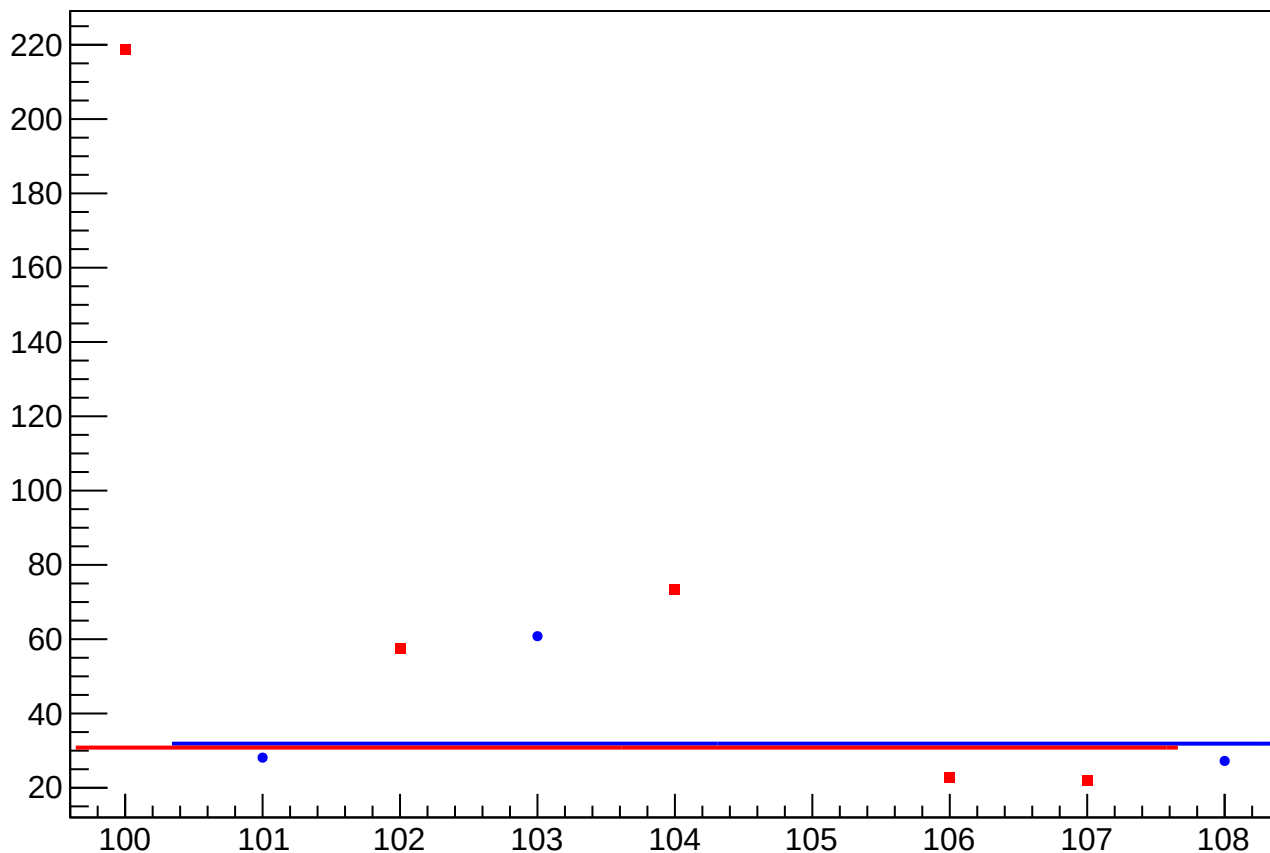
Right: -0.006+/-0.020 χ^2/NDF : 7.5/7

In: 0.009+/-0.028 χ^2/NDF : 1.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.020 χ^2/NDF : 7.5/7

asym_sam7_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.882 $\pm$ 0.020 χ^2 /NDF: 306130.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 30.823 $\pm$ 0.020 χ^2 /NDF: 745633.7/4

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

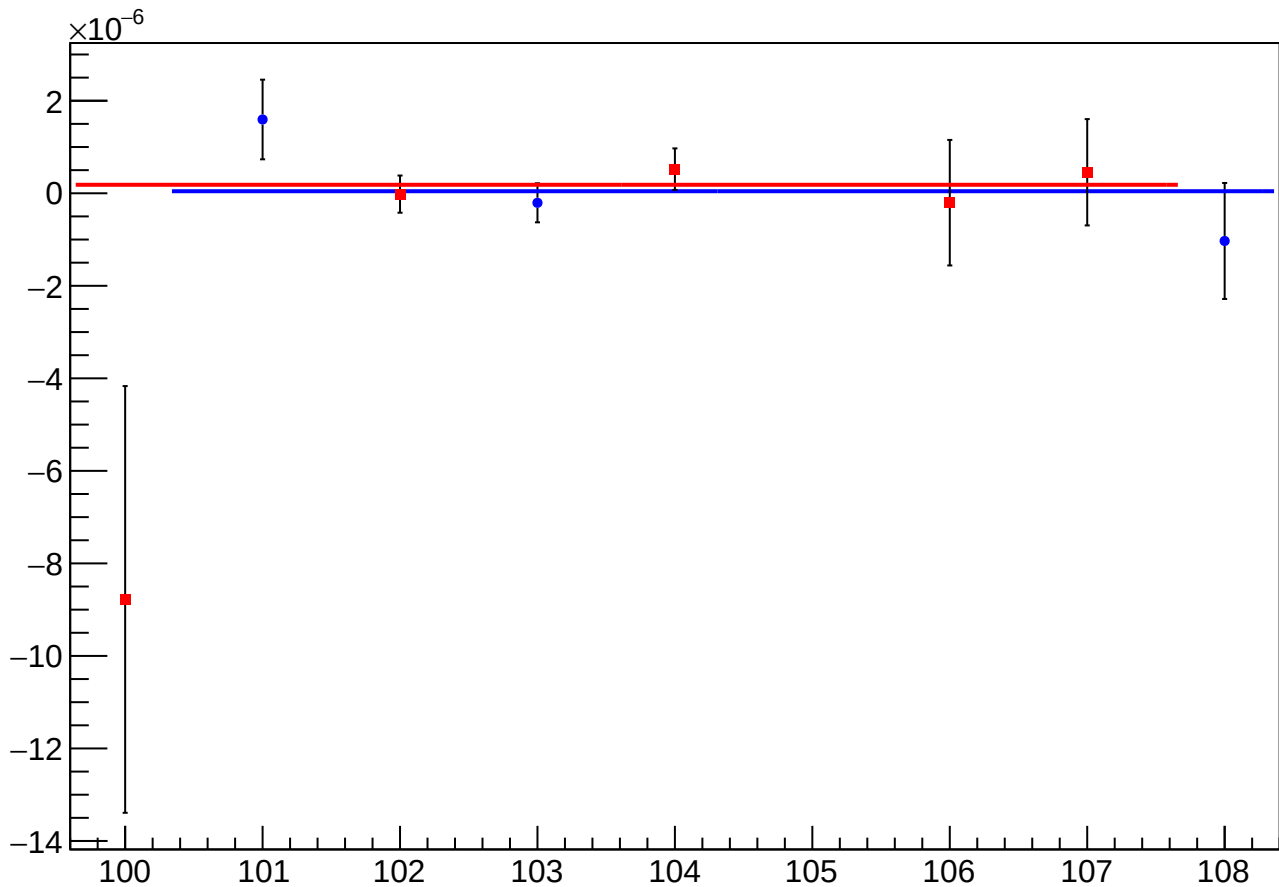
Right: 31.374 $\pm$ 0.014 χ^2 /NDF: 1053166.1/7

In: 31.882 $\pm$ 0.020 χ^2 /NDF: 306130.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 31.374 $\pm$ 0.014 χ^2 /NDF: 1053166.1/7

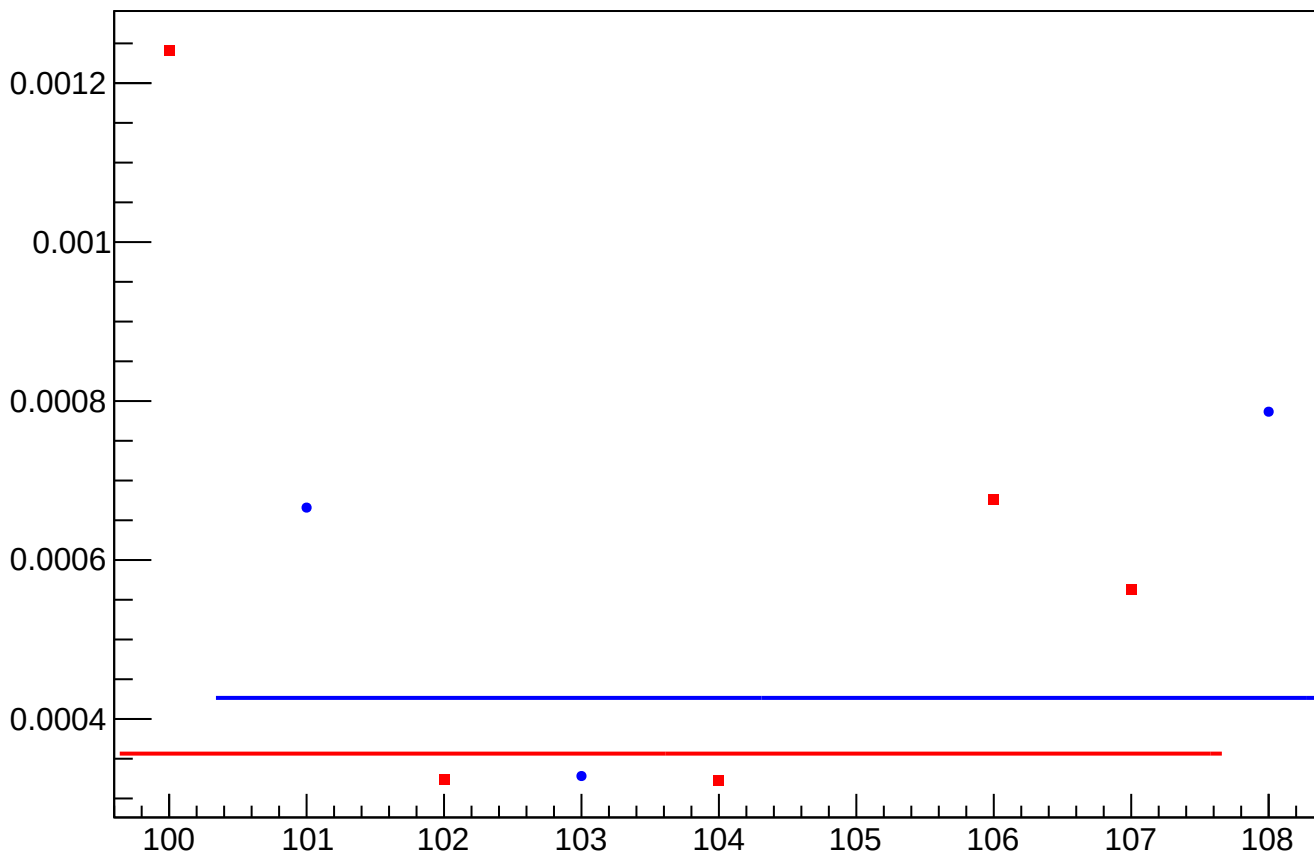
asym_sam7_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.3/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 4.7/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 9.2/7
 In: 0.000+/-0.000 χ^2/NDF : 4.3/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 9.2/7

asym_sam7_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 428271.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 274024.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

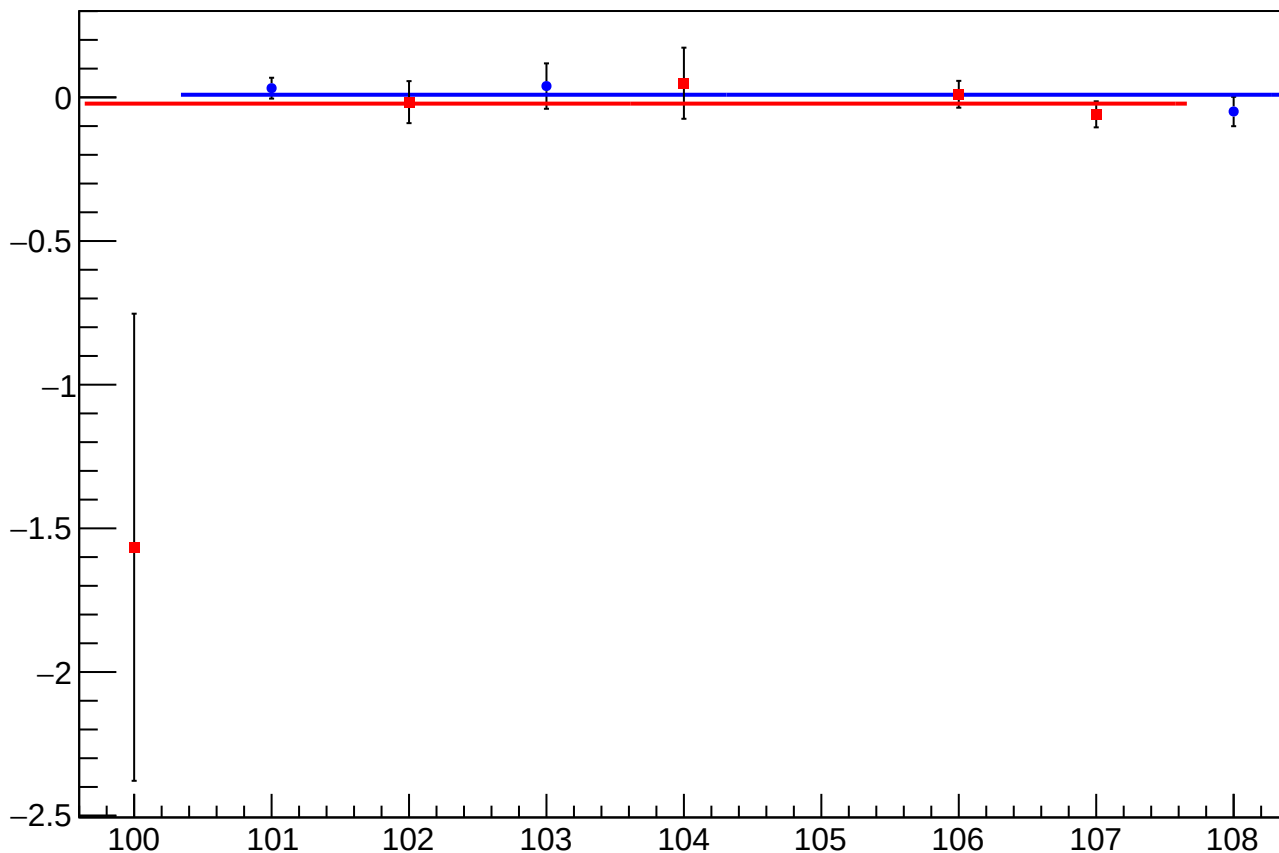
Right: 0.000+/-0.000 χ^2/NDF : 748763.8/7

In: 0.000+/-0.000 χ^2/NDF : 428271.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 748763.8/7

asym_sam7_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.028 χ^2/NDF : 1.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.022+/-0.029 χ^2/NDF : 5.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

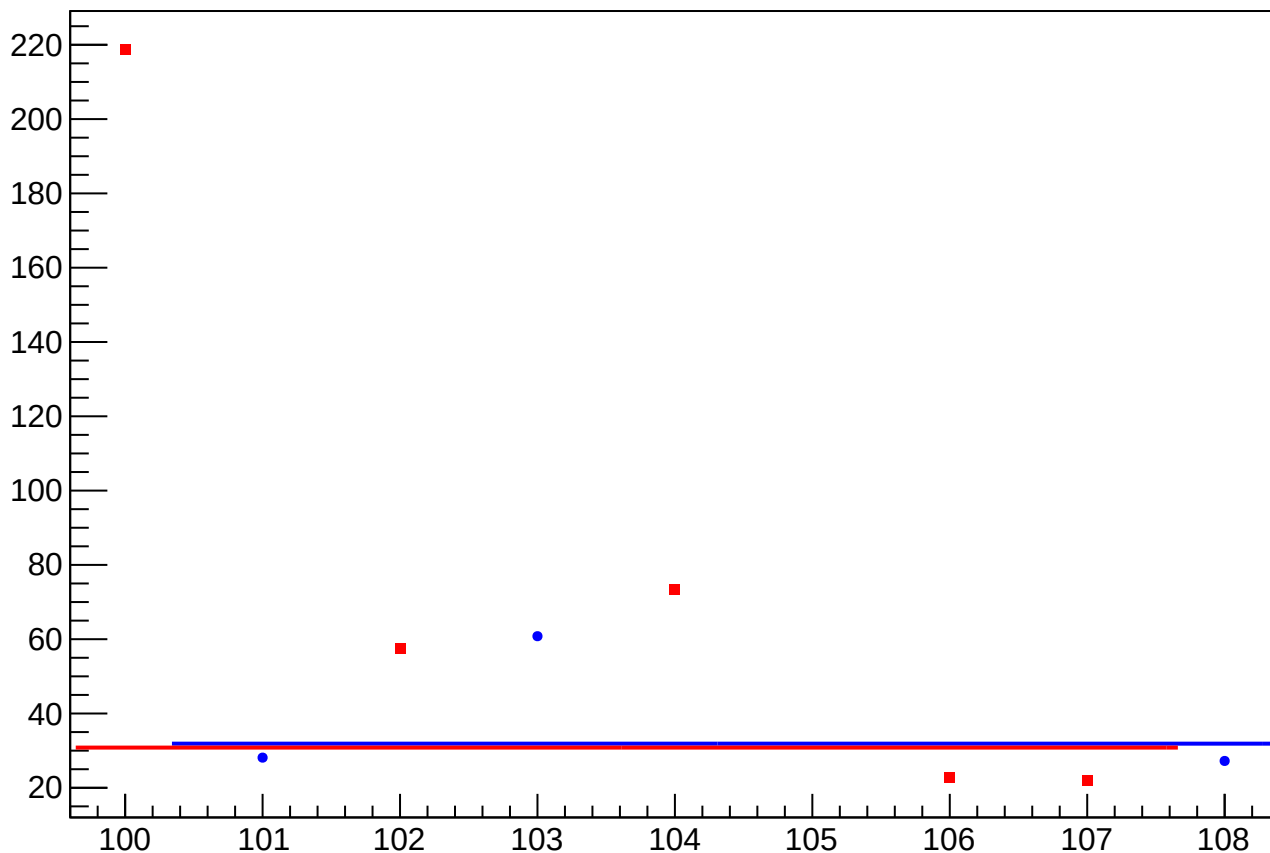
Right: -0.006+/-0.020 χ^2/NDF : 7.5/7

In: 0.009+/-0.028 χ^2/NDF : 1.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.020 χ^2/NDF : 7.5/7

asym_sam7_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.883+/-0.020 χ^2/NDF : 306119.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.823+/-0.020 χ^2/NDF : 745622.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

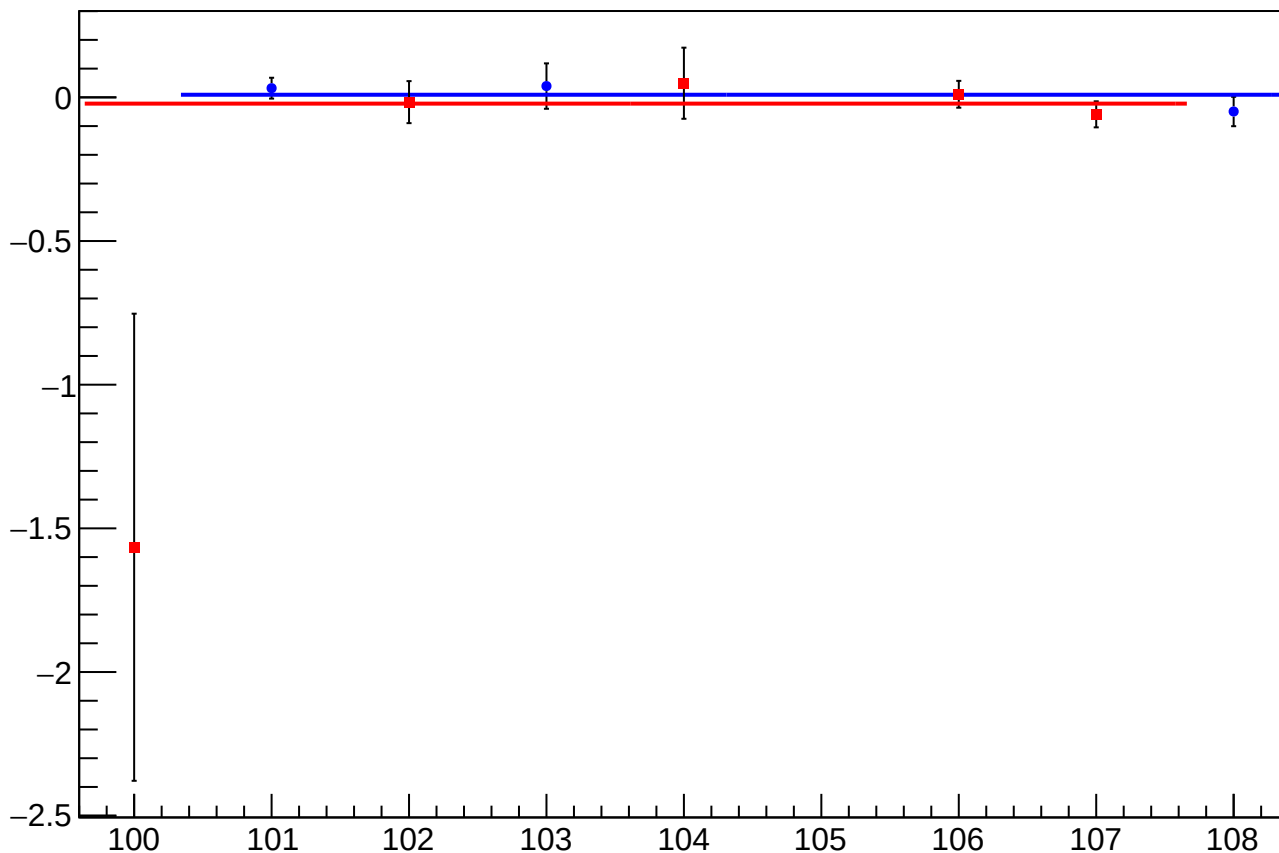
Right: 31.375+/-0.014 χ^2/NDF : 1053143.9/7

In: 31.883+/-0.020 χ^2/NDF : 306119.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.375+/-0.014 χ^2/NDF : 1053143.9/7

asym_sam7_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.028 χ^2/NDF : 1.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.022+/-0.029 χ^2/NDF : 5.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

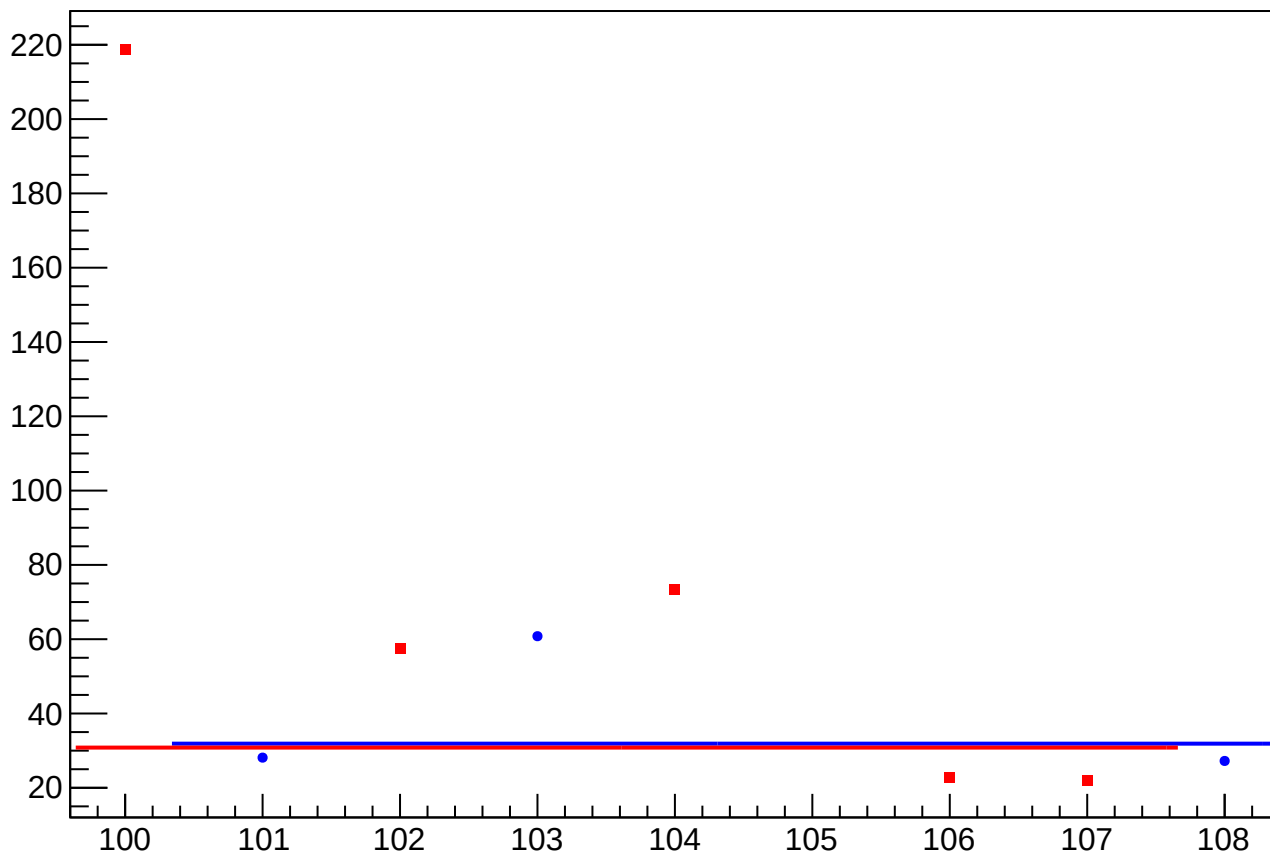
Right: -0.006+/-0.020 χ^2/NDF : 7.5/7

In: 0.009+/-0.028 χ^2/NDF : 1.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.020 χ^2/NDF : 7.5/7

asym_sam7_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.883+/-0.020 χ^2/NDF : 306119.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.823+/-0.020 χ^2/NDF : 745622.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

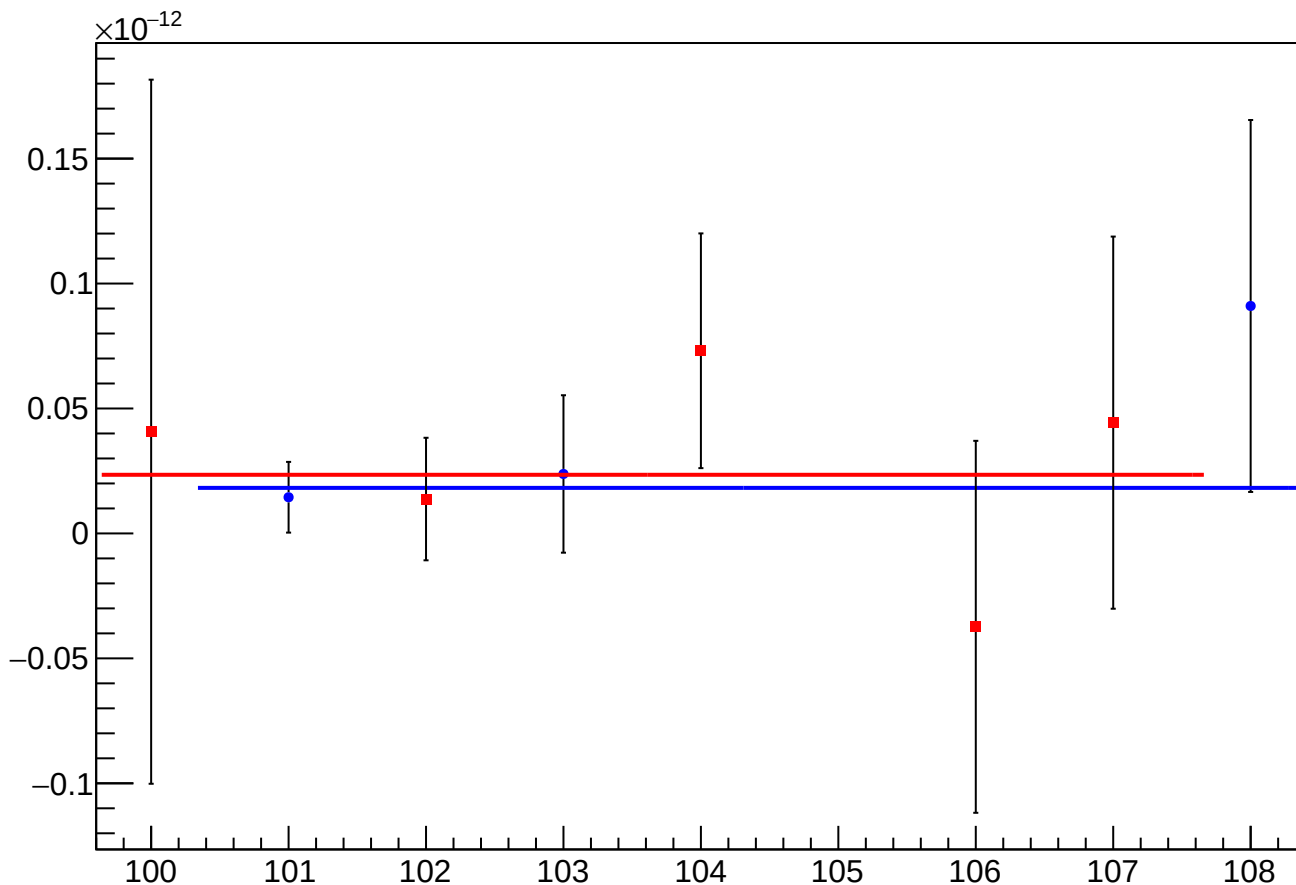
Right: 31.375+/-0.014 χ^2/NDF : 1053143.9/7

In: 31.883+/-0.020 χ^2/NDF : 306119.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.375+/-0.014 χ^2/NDF : 1053143.9/7

asym_sam7_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

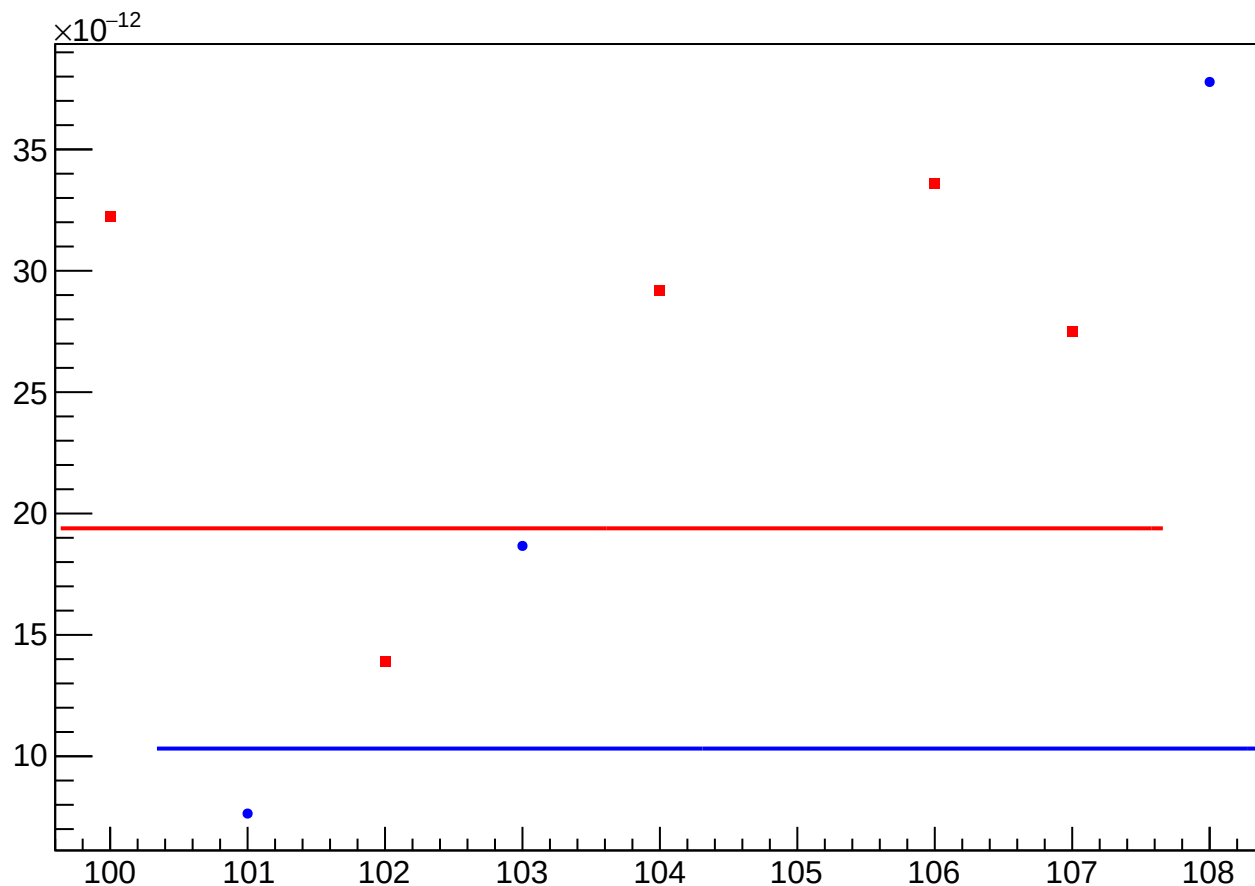
Right: 0.000+/-0.000 χ^2/NDF : 3.1/7

In: 0.000+/-0.000 χ^2/NDF : 1.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.1/7

asym_sam7_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 484398.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 300648.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

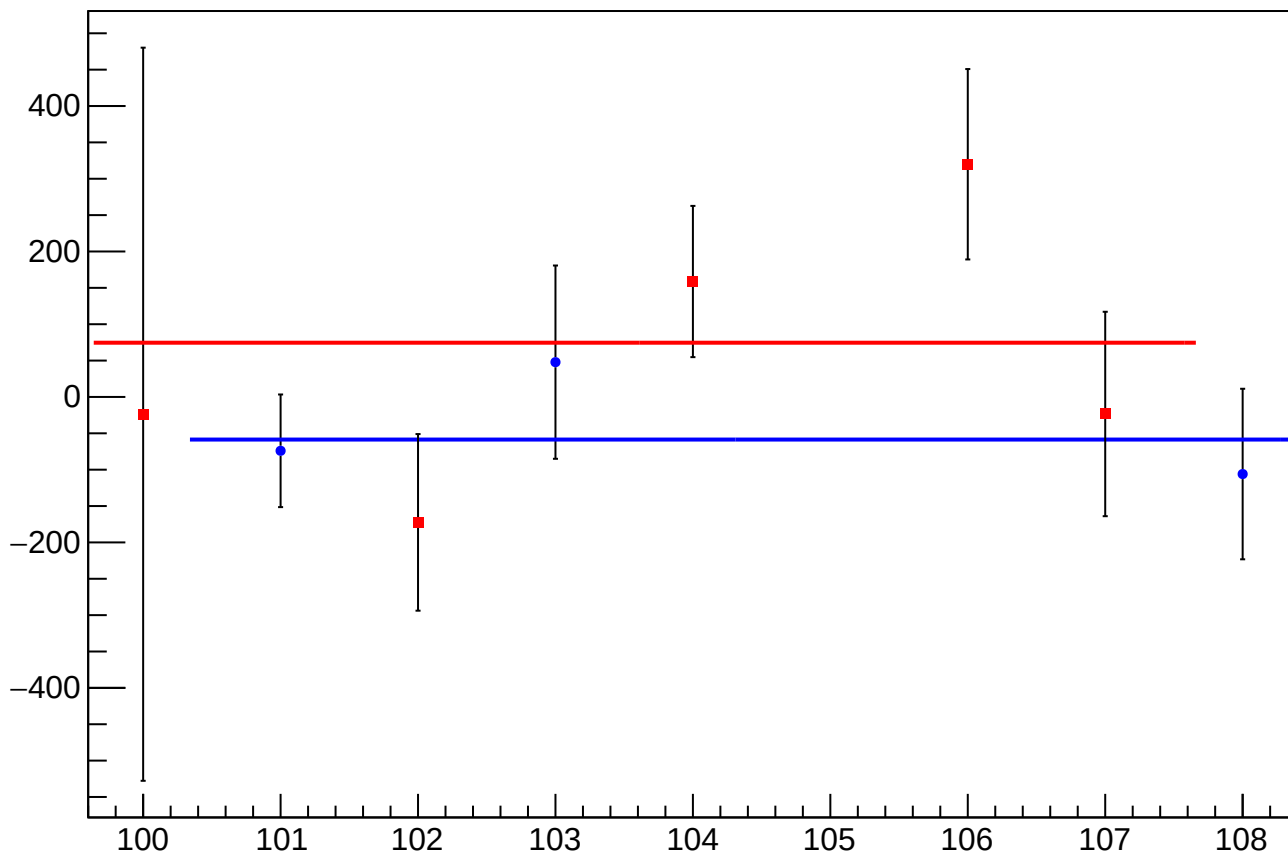
Right: 0.000+/-0.000 χ^2/NDF : 1080471.6/7

In: 0.000+/-0.000 χ^2/NDF : 484398.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1080471.6/7

reg_asym_sam8_mean vs Slug, Sign Corrected



Right In: -58.583+/-58.106 χ^2/NDF : 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.569+/-60.492 χ^2/NDF : 8.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

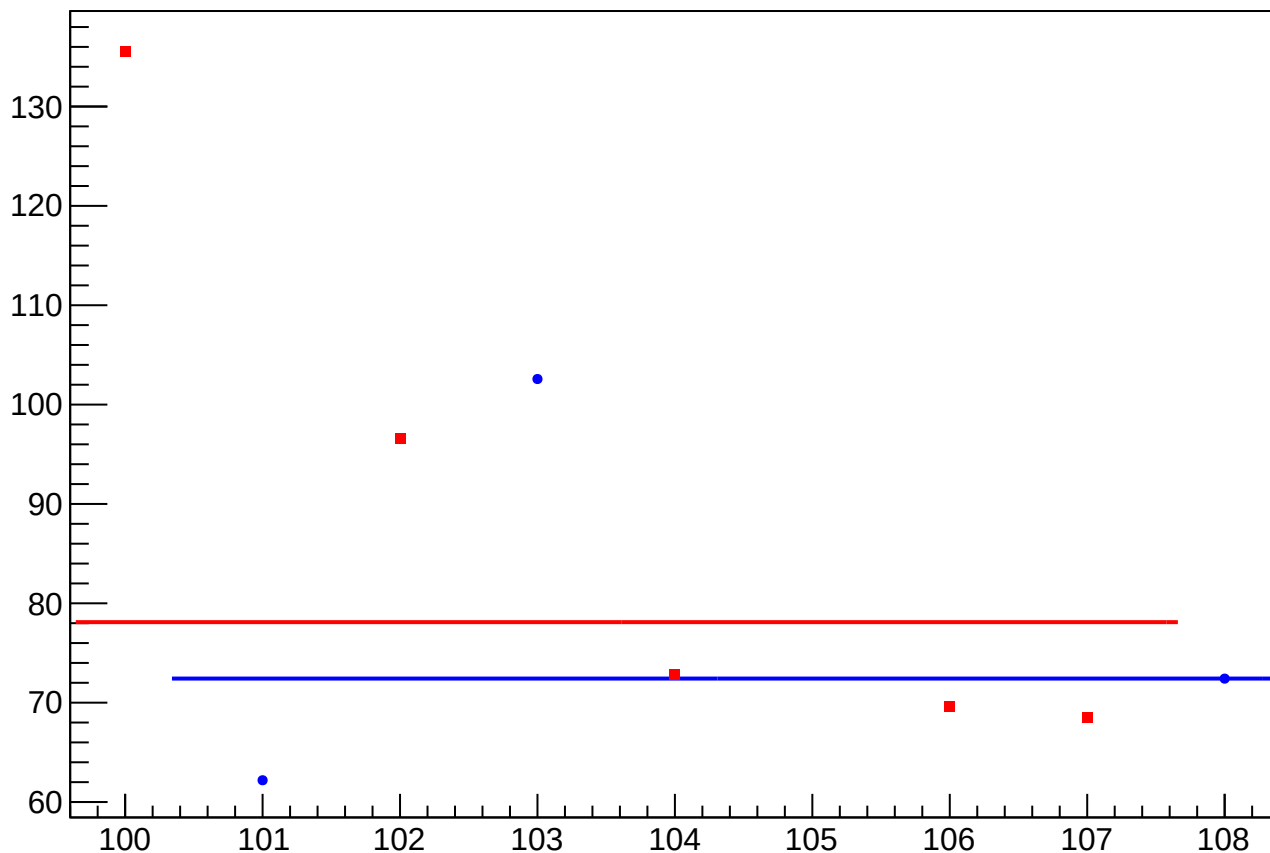
Right: 5.315+/-41.905 χ^2/NDF : 12.2/7

In: -58.583+/-58.106 χ^2/NDF : 0.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.315+/-41.905 χ^2/NDF : 12.2/7

reg_asym_sam8_rms vs Slug, Sign Corrected



Right In: 72.426 $\pm$ 0.041 χ^2 /NDF: 137905.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 78.103 $\pm$ 0.043 χ^2 /NDF: 95311.7/4

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

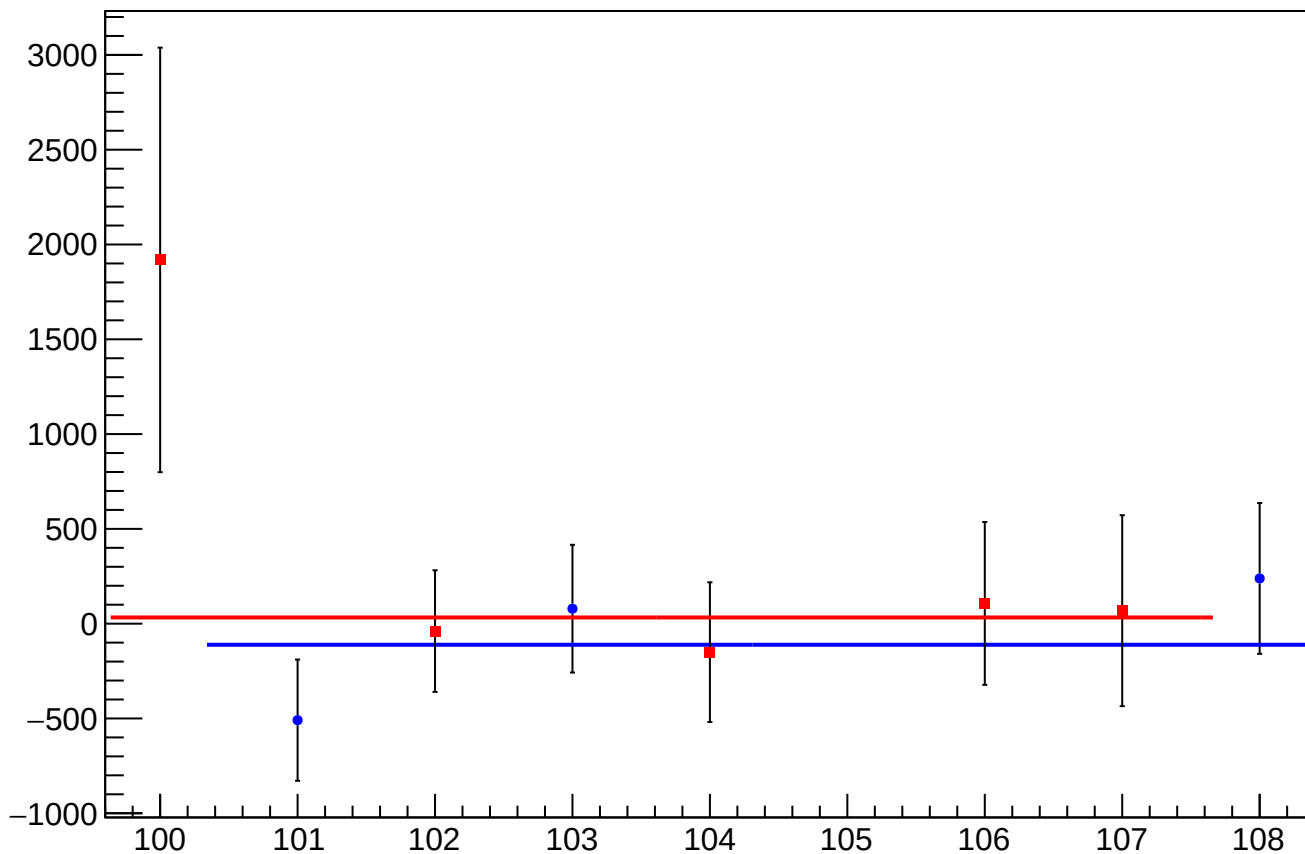
Right: 75.150 $\pm$ 0.030 χ^2 /NDF: 242380.3/7

In: 72.426 $\pm$ 0.041 χ^2 /NDF:137905.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 75.150 $\pm$ 0.030 χ^2 /NDF: 242380.3/7

asym_sam8_reg_correction_mean vs Slug, Sign Corrected



Right In: -111.240 $\pm$ 200.386 χ^2 /NDF: 2.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 32.757 $\pm$ 191.565 χ^2 /NDF: 3.2/4

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

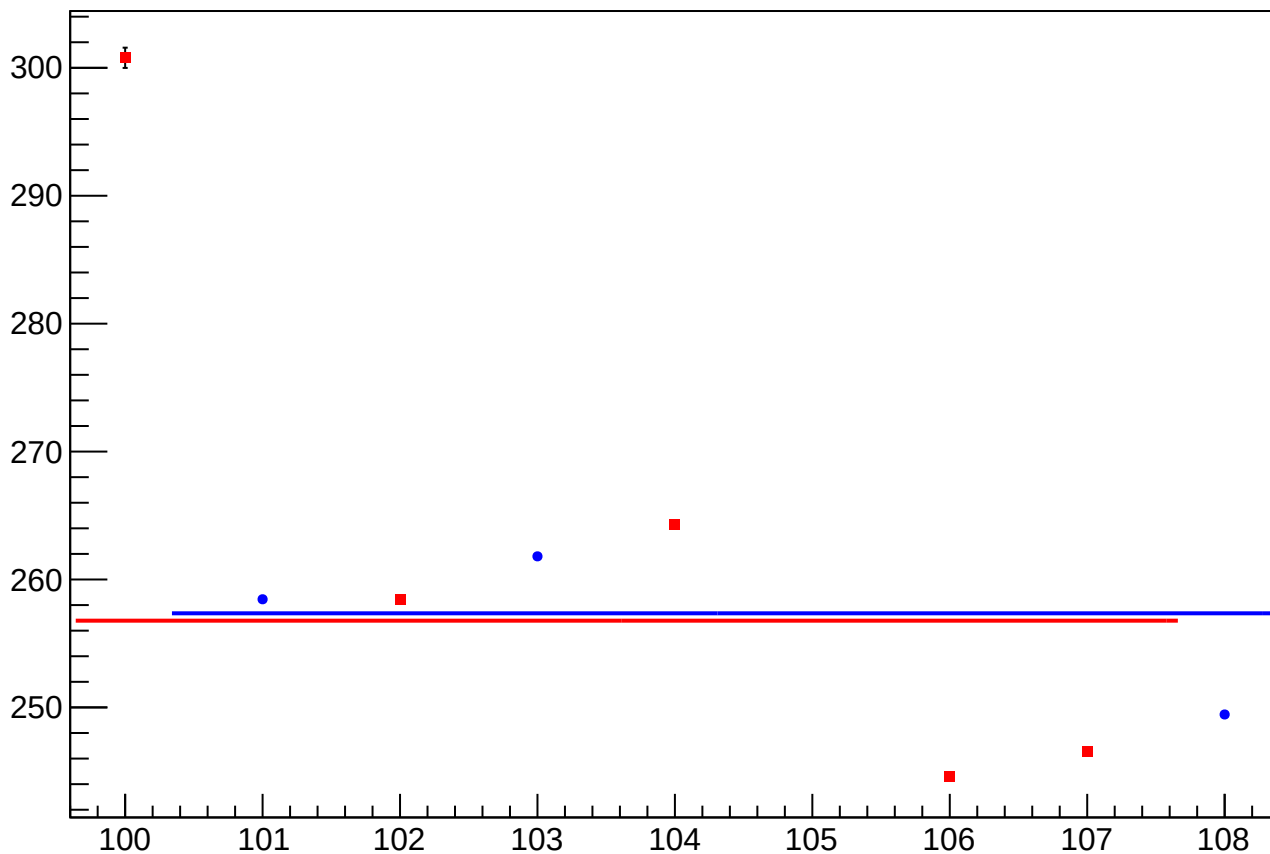
Right: -36.003 $\pm$ 138.470 χ^2 /NDF: 6.1/7

In: -111.240 $\pm$ 200.386 χ^2 /NDF:2.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -36.003 $\pm$ 138.470 χ^2 /NDF: 6.1/7

asym_sam8_reg_correction_rms vs Slug, Sign Corrected



Right In: 257.357+/-0.142 χ^2/NDF : 1163.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 256.781+/-0.135 χ^2/NDF : 6414.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

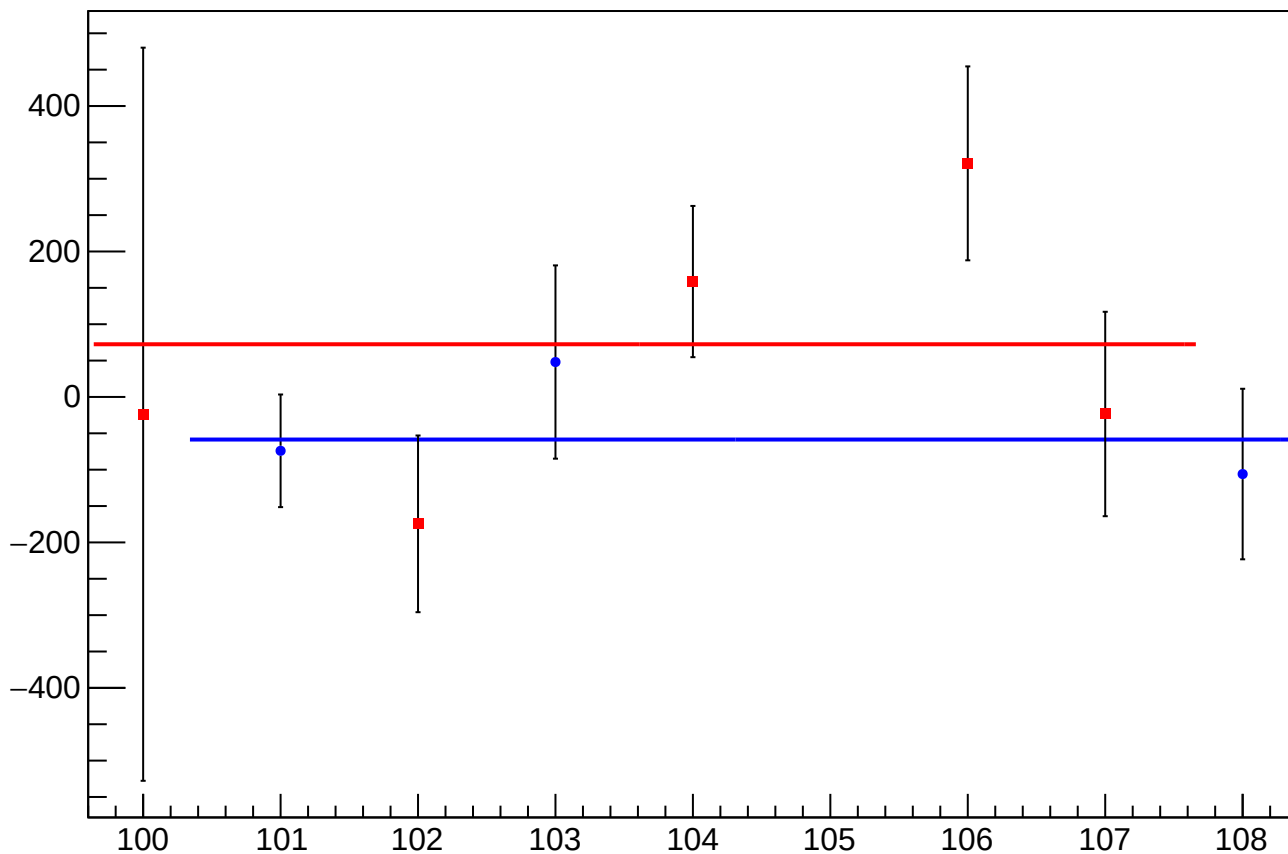
Right: 257.056+/-0.098 χ^2/NDF : 7586.9/7

In: 257.357+/-0.142 χ^2/NDF : 1163.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 257.056+/-0.098 χ^2/NDF : 7586.9/7

cor_asym_sam8_mean vs Slug, Sign Corrected



Right In: -58.557 $\pm$ 58.106 χ^2 /NDF: 0.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 72.445 $\pm$ 60.732 χ^2 /NDF: 8.8/4

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

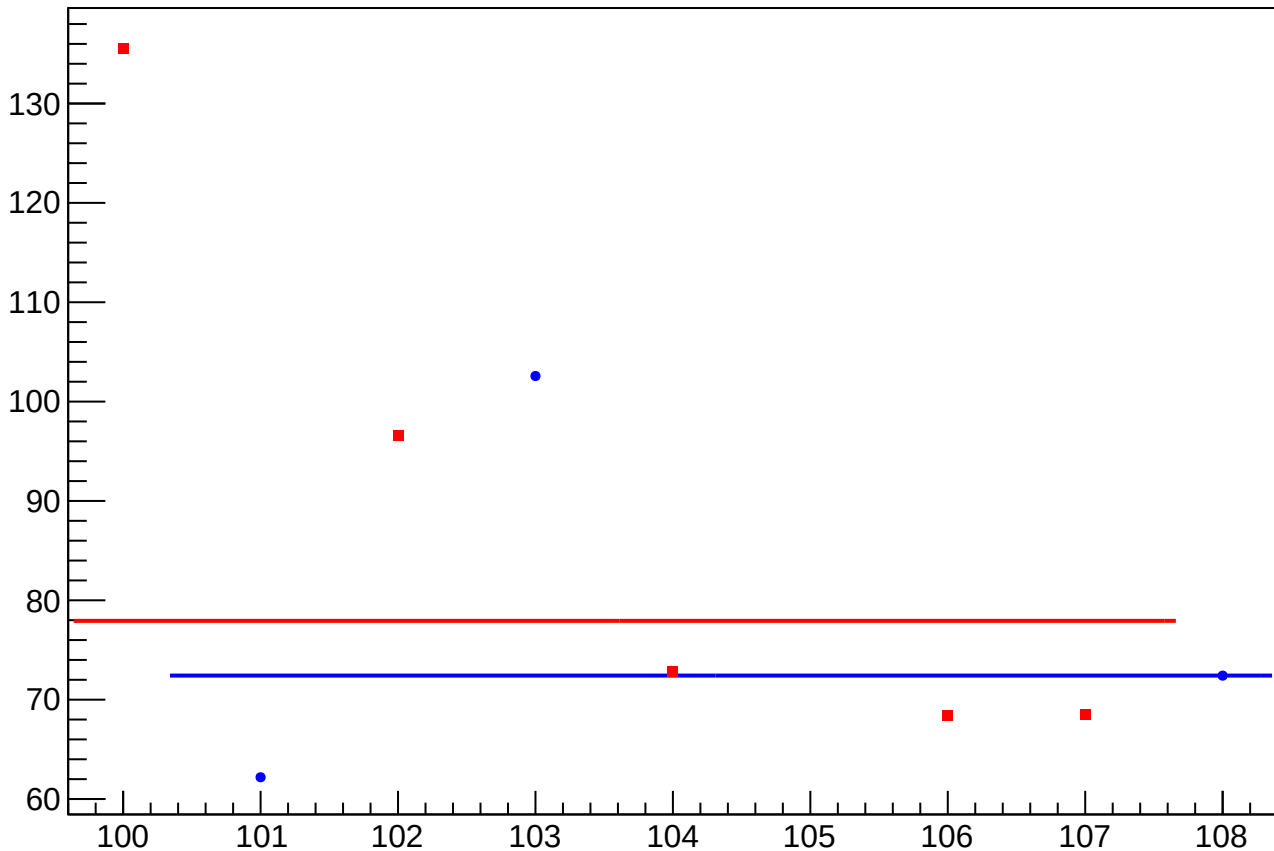
Right: 4.051 $\pm$ 41.985 χ^2 /NDF: 12.1/7

In: -58.557 $\pm$ 58.106 χ^2 /NDF: 0.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.051 $\pm$ 41.985 χ^2 /NDF: 12.1/7

cor_asym_sam8_rms vs Slug, Sign Corrected



Right In: 72.426 $\pm$ 0.041 χ^2 /NDF: 137907.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 77.932 $\pm$ 0.043 χ^2 /NDF: 97513.6/4

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

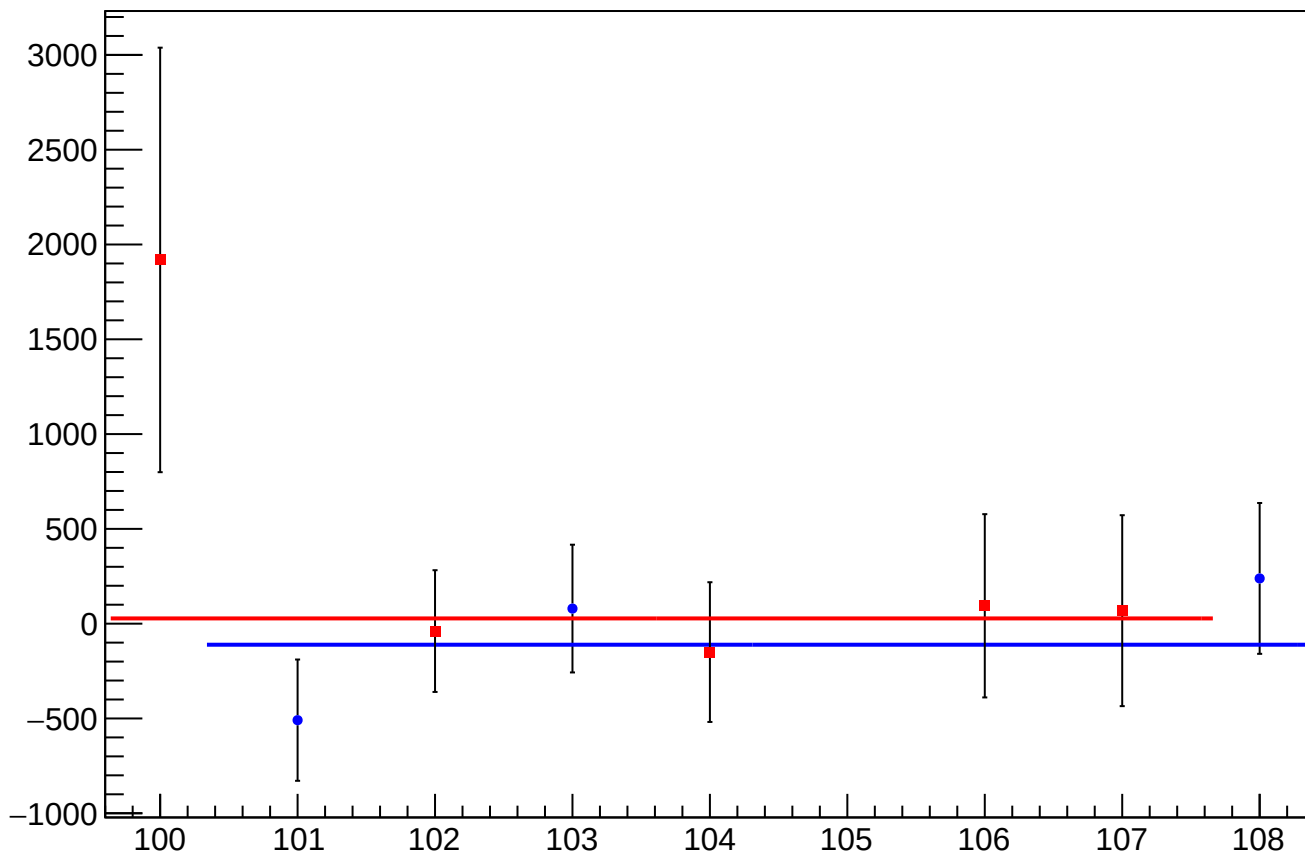
Right: 75.058 $\pm$ 0.030 χ^2 /NDF: 244004.8/7

In: 72.426 $\pm$ 0.041 χ^2 /NDF: 137907.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 75.058 $\pm$ 0.030 χ^2 /NDF: 244004.8/7

asym_sam8_cor_correction_mean vs Slug, Sign Corrected



Right In: -111.060+/-200.393 χ^2/NDF : 2.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.646+/-195.790 χ^2/NDF : 3.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

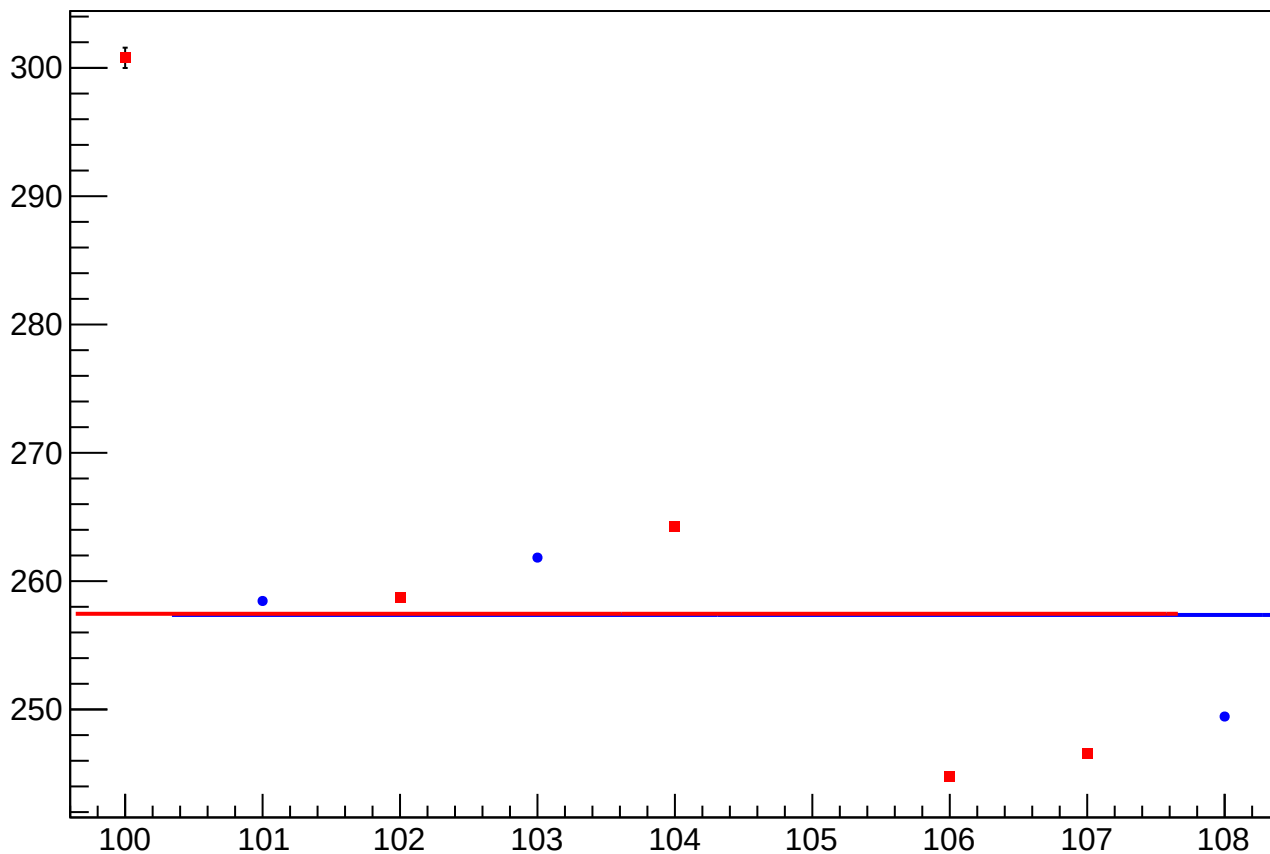
Right: -40.095+/-140.044 χ^2/NDF : 6.0/7

In: -111.060+/-200.393 χ^2/NDF : 2.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.095+/-140.044 χ^2/NDF : 6.0/7

asym_sam8_cor_correction_rms vs Slug, Sign Corrected



Right In: 257.365+/-0.142 χ^2/NDF : 1167.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 257.455+/-0.138 χ^2/NDF : 6031.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

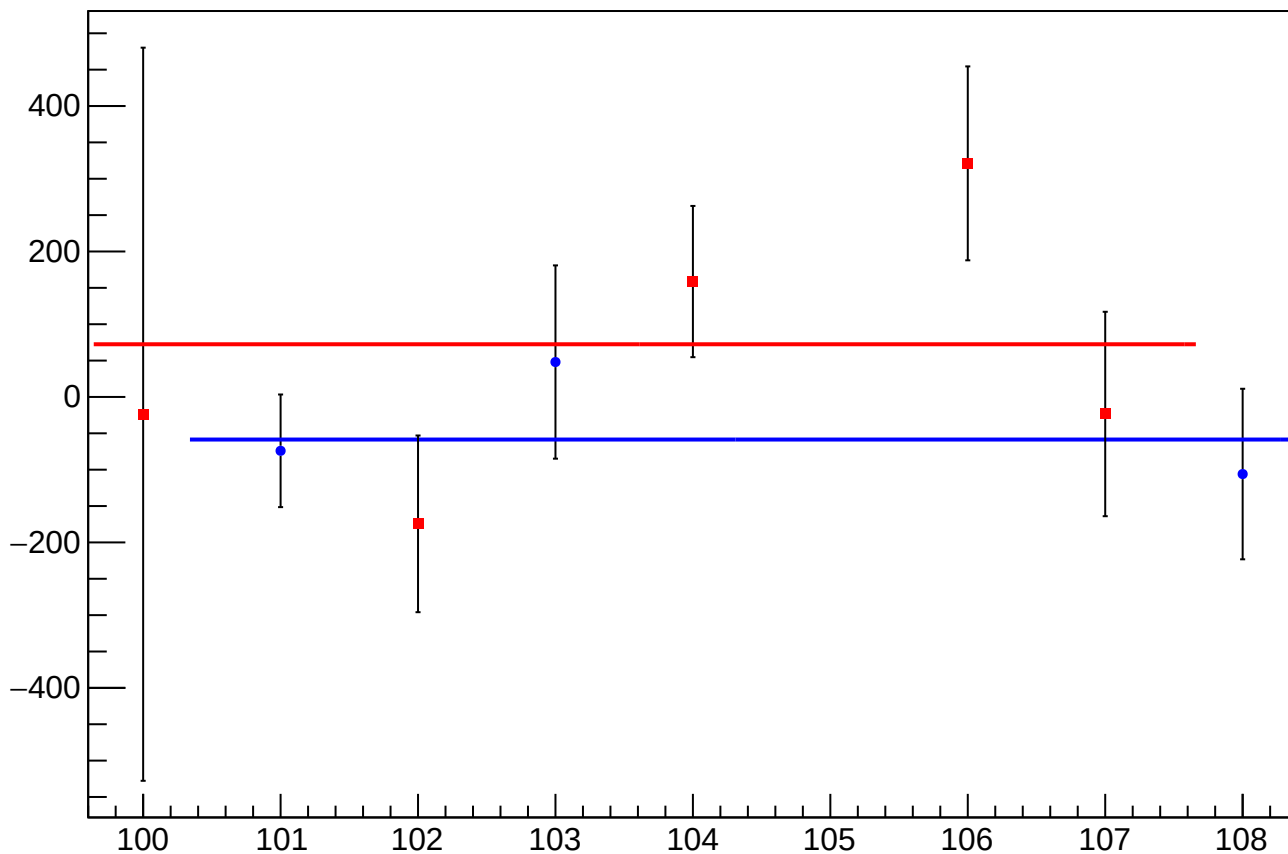
Right: 257.411+/-0.099 χ^2/NDF : 7198.8/7

In: 257.365+/-0.142 χ^2/NDF : 1167.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 257.411+/-0.099 χ^2/NDF : 7198.8/7

eigen_cor_asym_sam8_mean vs Slug, Sign Corrected



Right In: -58.557 $\pm$ 58.106 χ^2 /NDF: 0.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 72.445 $\pm$ 60.732 χ^2 /NDF: 8.8/4

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

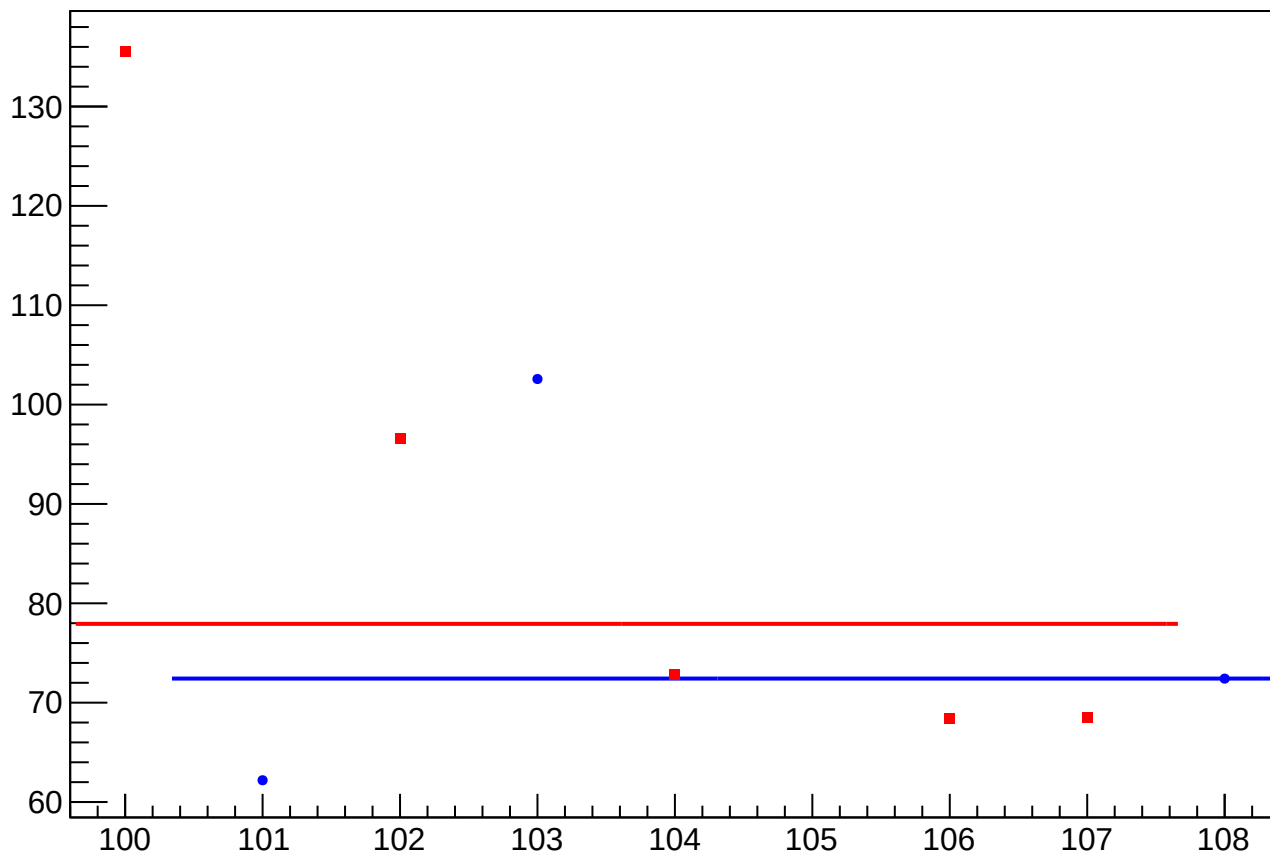
Right: 4.051 $\pm$ 41.985 χ^2 /NDF: 12.1/7

In: -58.557 $\pm$ 58.106 χ^2 /NDF: 0.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.051 $\pm$ 41.985 χ^2 /NDF: 12.1/7

eigen_cor_asym_sam8_rms vs Slug, Sign Corrected



Right In: 72.426+/-0.041 χ^2/NDF : 137907.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.932+/-0.043 χ^2/NDF : 97513.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

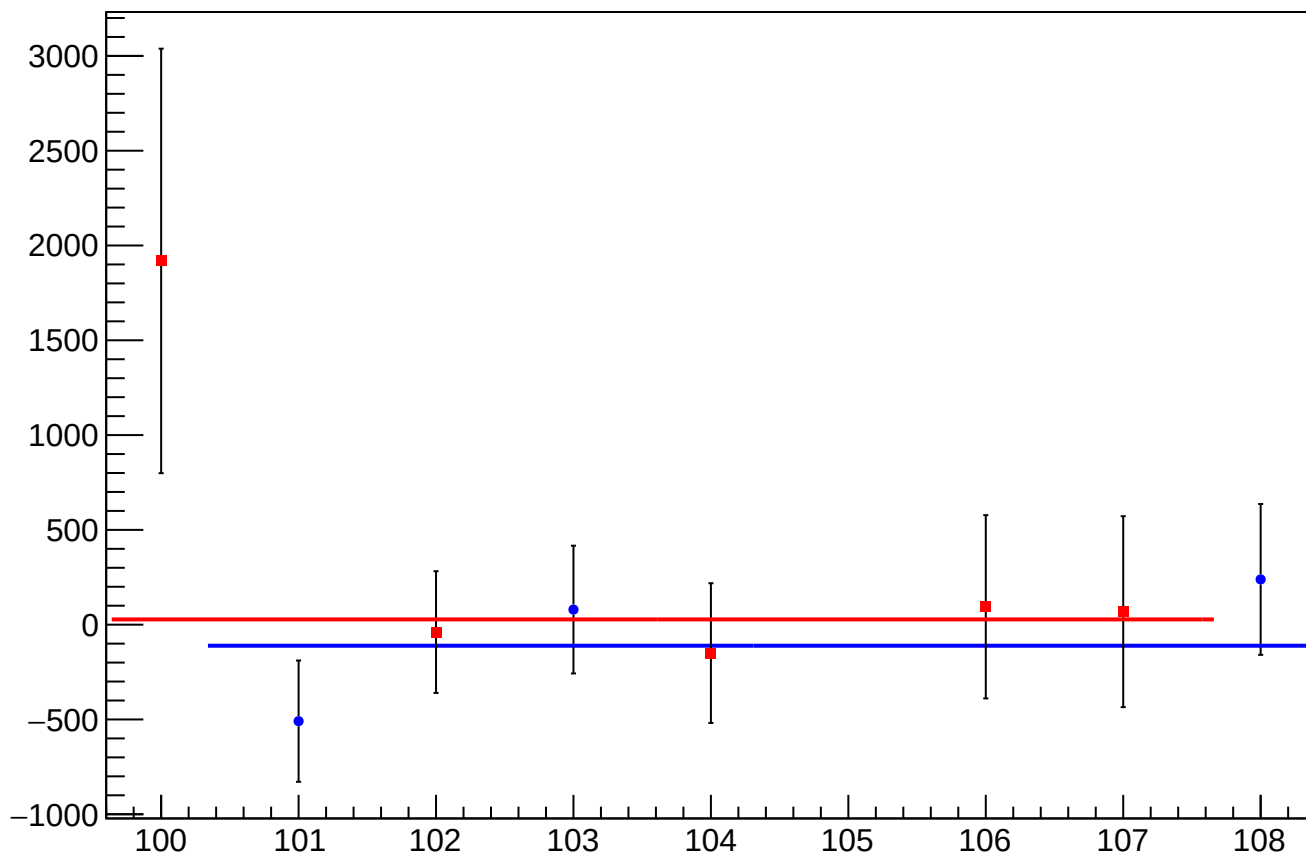
Right: 75.058+/-0.030 χ^2/NDF : 244004.8/7

In: 72.426+/-0.041 χ^2/NDF : 137907.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.058+/-0.030 χ^2/NDF : 244004.8/7

asym_sam8_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -111.060+/-200.393 χ^2/NDF : 2.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.646+/-195.790 χ^2/NDF : 3.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

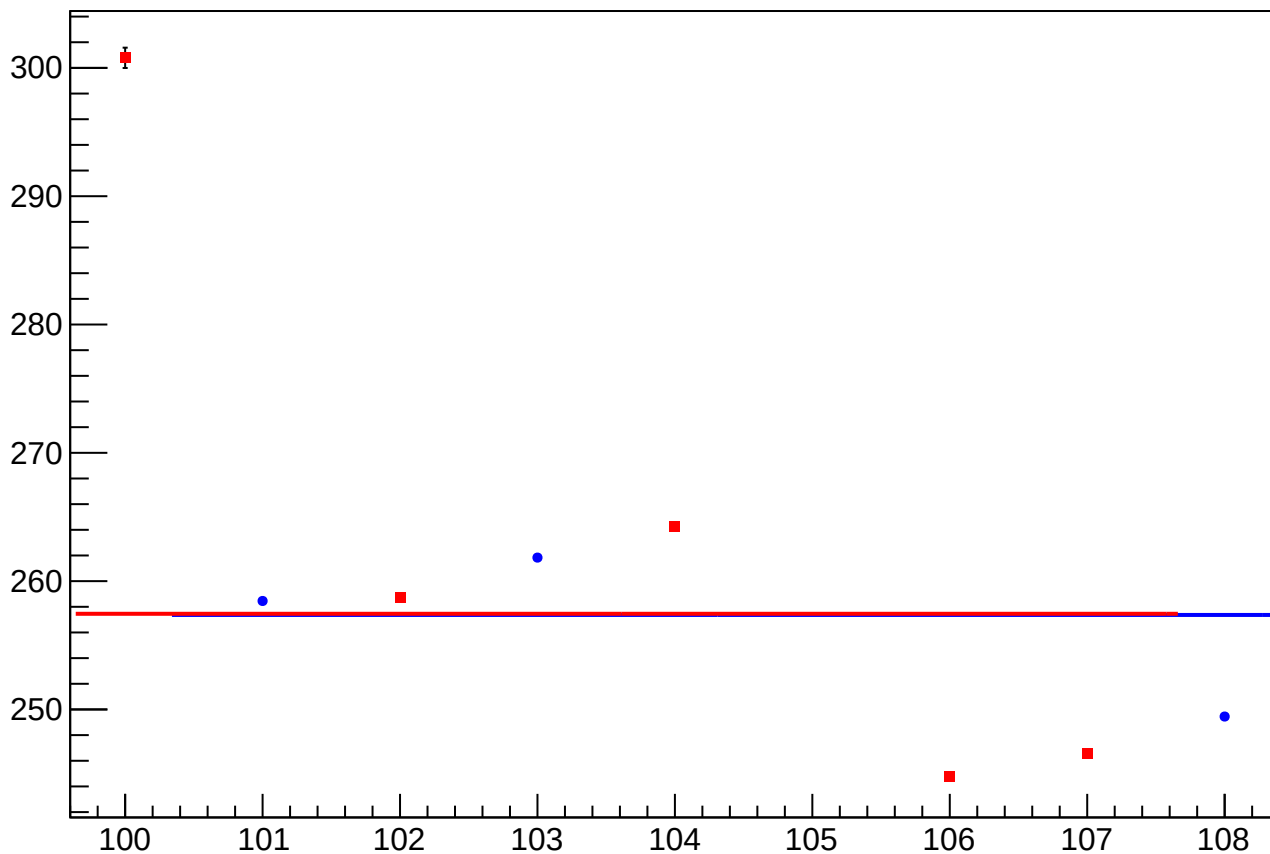
Right: -40.095+/-140.044 χ^2/NDF : 6.0/7

In: -111.060+/-200.393 χ^2/NDF : 2.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.095+/-140.044 χ^2/NDF : 6.0/7

asym_sam8_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 257.365+/-0.142 χ^2/NDF : 1167.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 257.455+/-0.138 χ^2/NDF : 6031.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

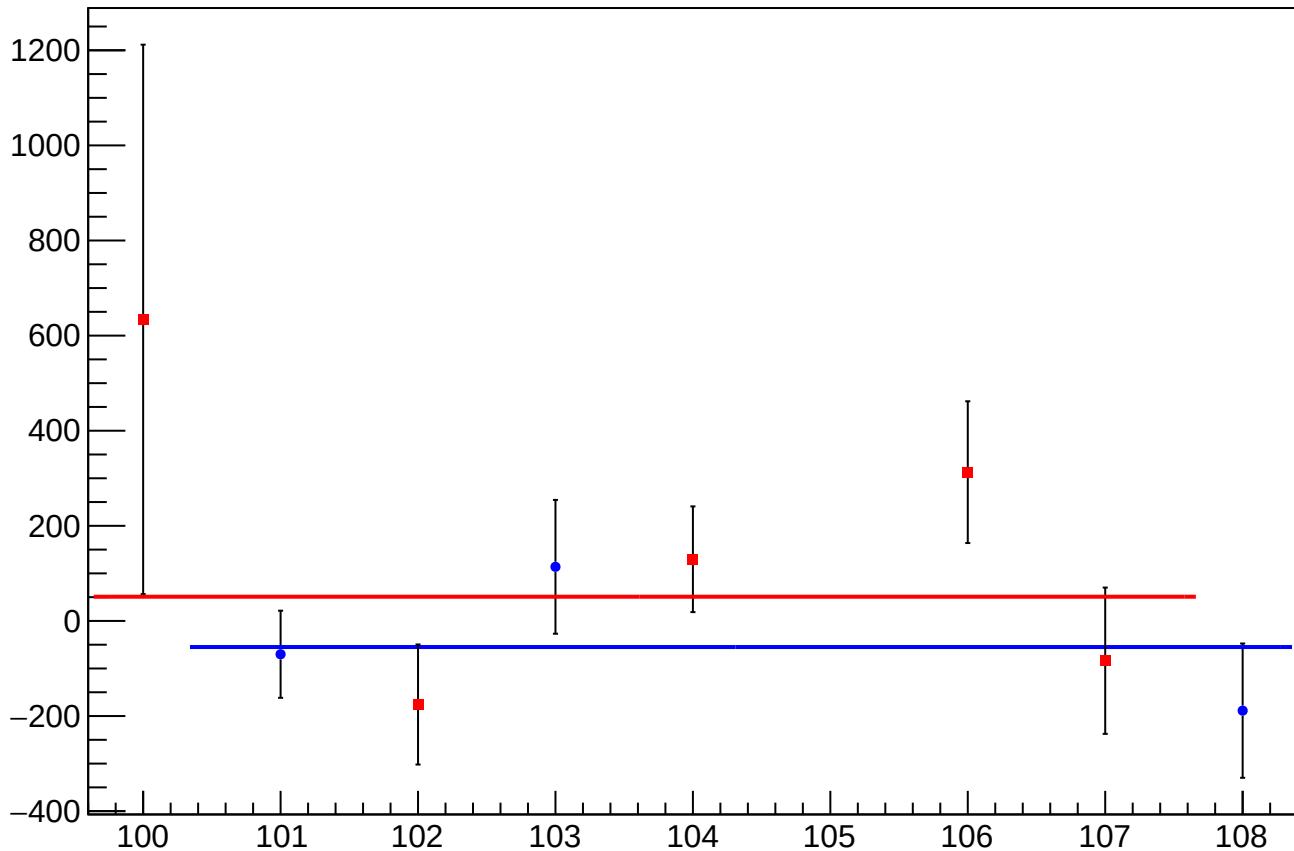
Right: 257.411+/-0.099 χ^2/NDF : 7198.8/7

In: 257.365+/-0.142 χ^2/NDF : 1167.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 257.411+/-0.099 χ^2/NDF : 7198.8/7

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -54.882 $\pm$ 67.451 χ^2 /NDF: 2.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 50.927 $\pm$ 65.377 χ^2 /NDF: 8.6/4

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

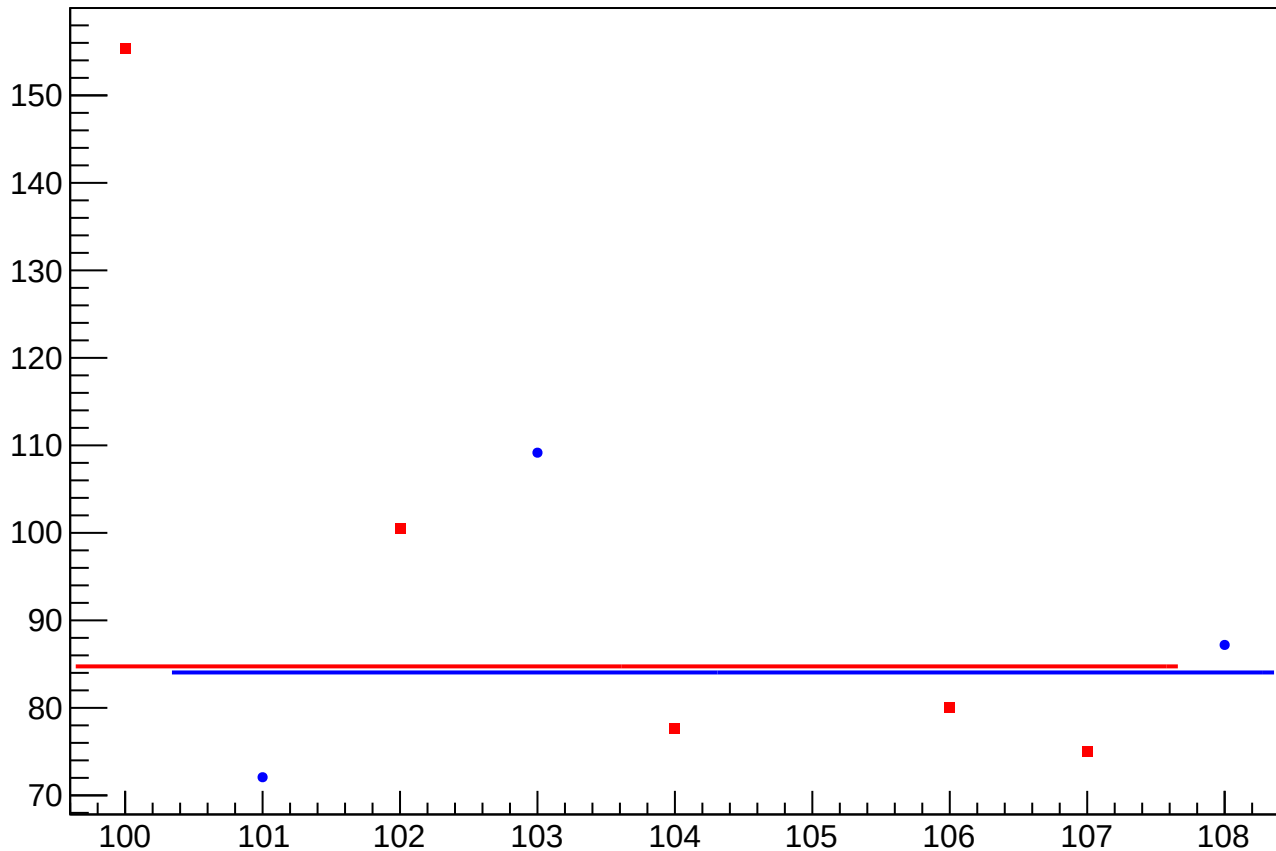
Right: -0.326 $\pm$ 46.945 χ^2 /NDF: 12.2/7

In: -54.882 $\pm$ 67.451 χ^2 /NDF:2.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.326 $\pm$ 46.945 χ^2 /NDF: 12.2/7

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 84.046+/-0.048 χ^2/NDF : 98888.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.741+/-0.046 χ^2/NDF : 79042.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

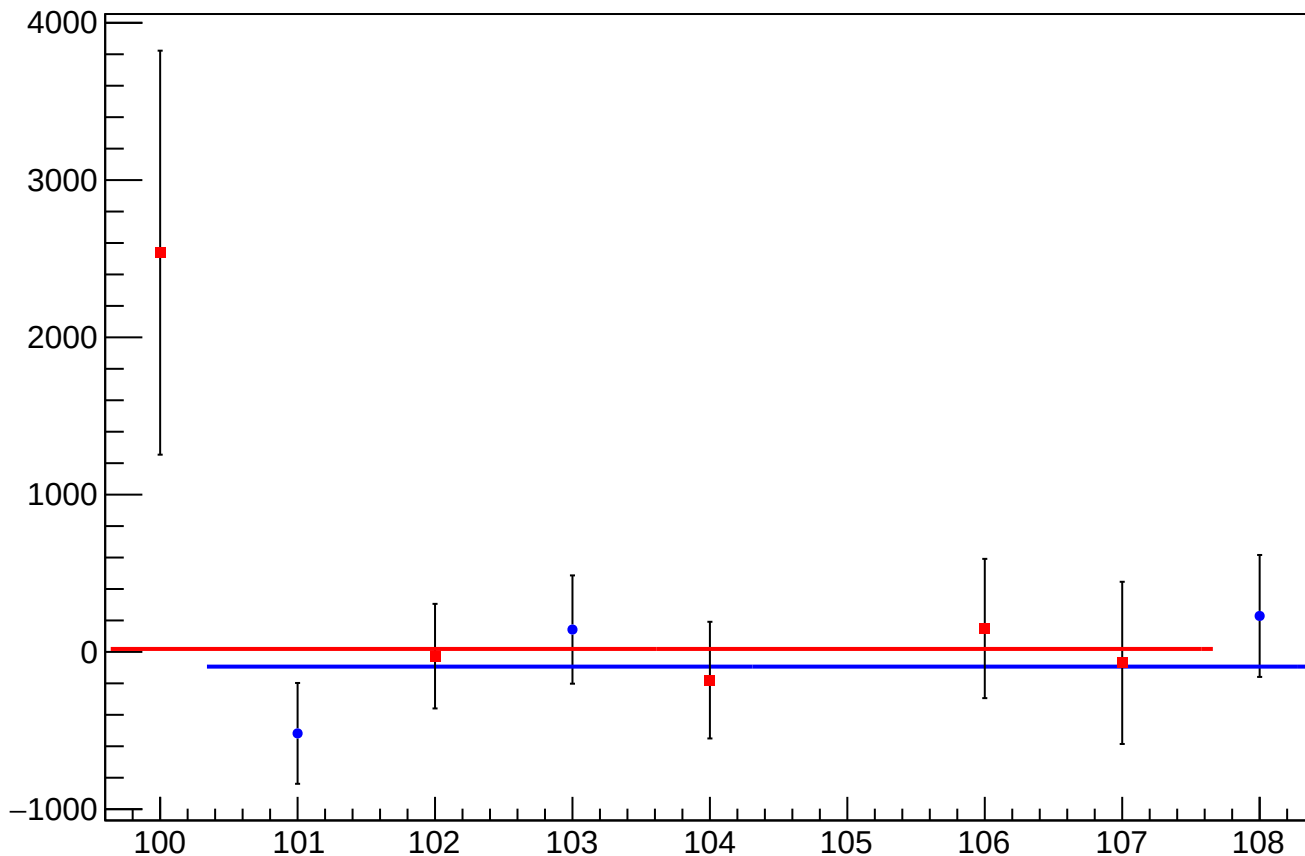
Right: 84.404+/-0.033 χ^2/NDF : 178040.2/7

In: 84.046+/-0.048 χ^2/NDF : 98888.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.404+/-0.033 χ^2/NDF : 178040.2/7

asym_sam8_dit_correction_mean vs Slug, Sign Corrected



Right In: -93.536 $\pm$ 200.705 χ^2 /NDF: 2.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18.852 $\pm$ 196.929 χ^2 /NDF: 4.3/4

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

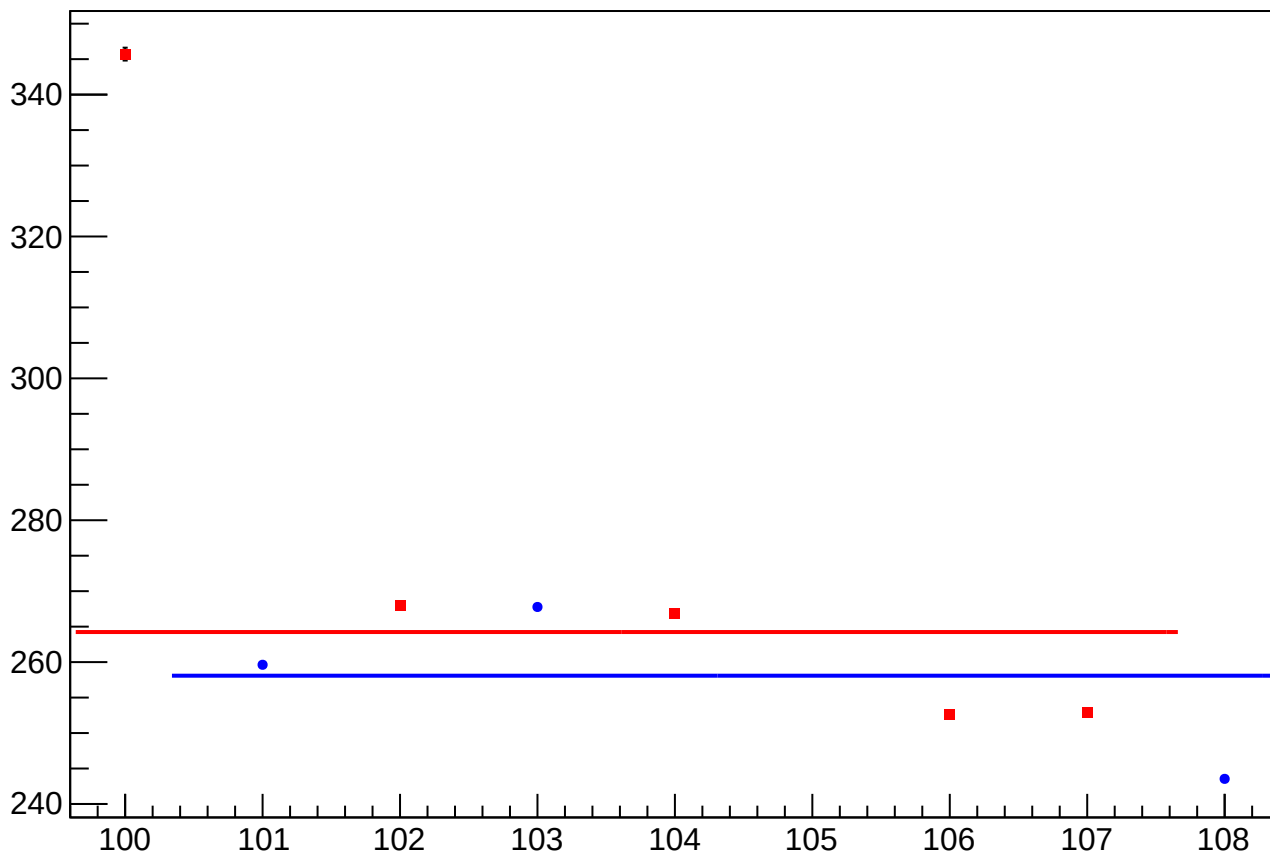
Right: -36.275 $\pm$ 140.566 χ^2 /NDF: 7.3/7

In: -93.536 $\pm$ 200.705 χ^2 /NDF: 2.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -36.275 $\pm$ 140.566 χ^2 /NDF: 7.3/7

asym_sam8_dit_correction_rms vs Slug, Sign Corrected



Right In: 258.084 $\pm$ 0.142 χ^2 /NDF: 4444.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 264.240 $\pm$ 0.139 χ^2 /NDF: 10760.3/4

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

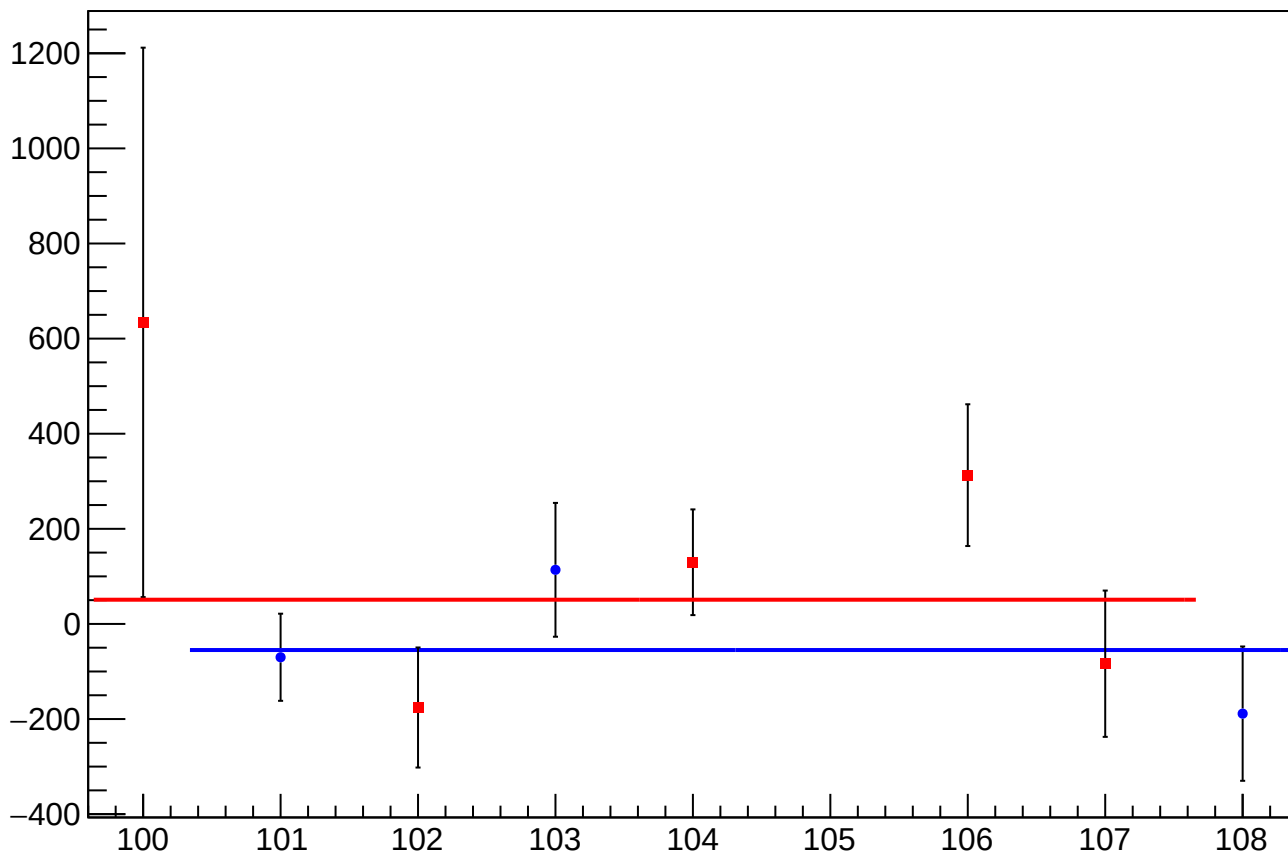
Right: 261.220 $\pm$ 0.099 χ^2 /NDF: 16163.2/7

In: 258.084 $\pm$ 0.142 χ^2 /NDF:4444.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 261.220 $\pm$ 0.099 χ^2 /NDF: 16163.2/7

eigen_dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -54.877+/-67.451 χ^2/NDF : 2.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.926+/-65.377 χ^2/NDF : 8.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

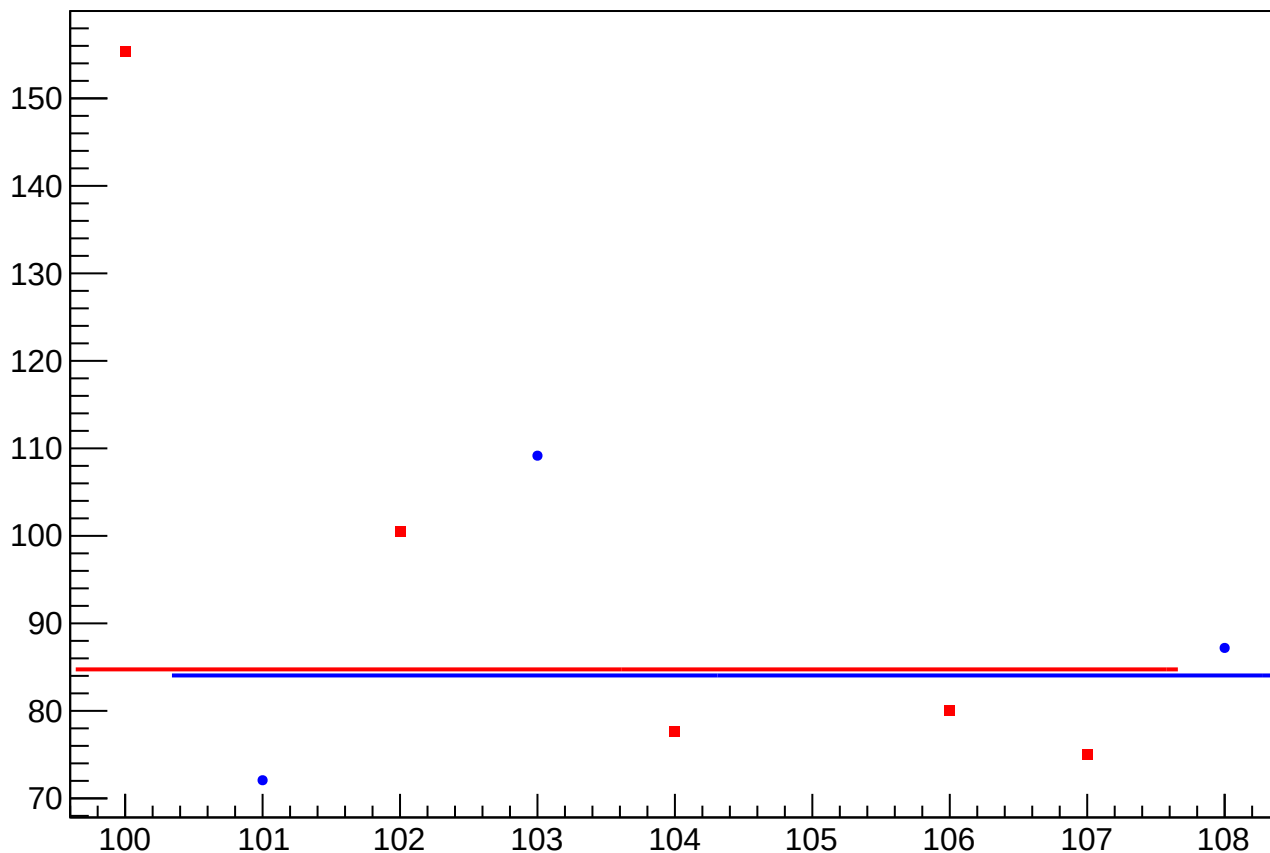
Right: -0.324+/-46.945 χ^2/NDF : 12.2/7

In: -54.877+/-67.451 χ^2/NDF : 2.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.324+/-46.945 χ^2/NDF : 12.2/7

eigen_dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 84.046 $\pm$ 0.048 χ^2 /NDF: 98887.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 84.741 $\pm$ 0.046 χ^2 /NDF: 79040.8/4

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

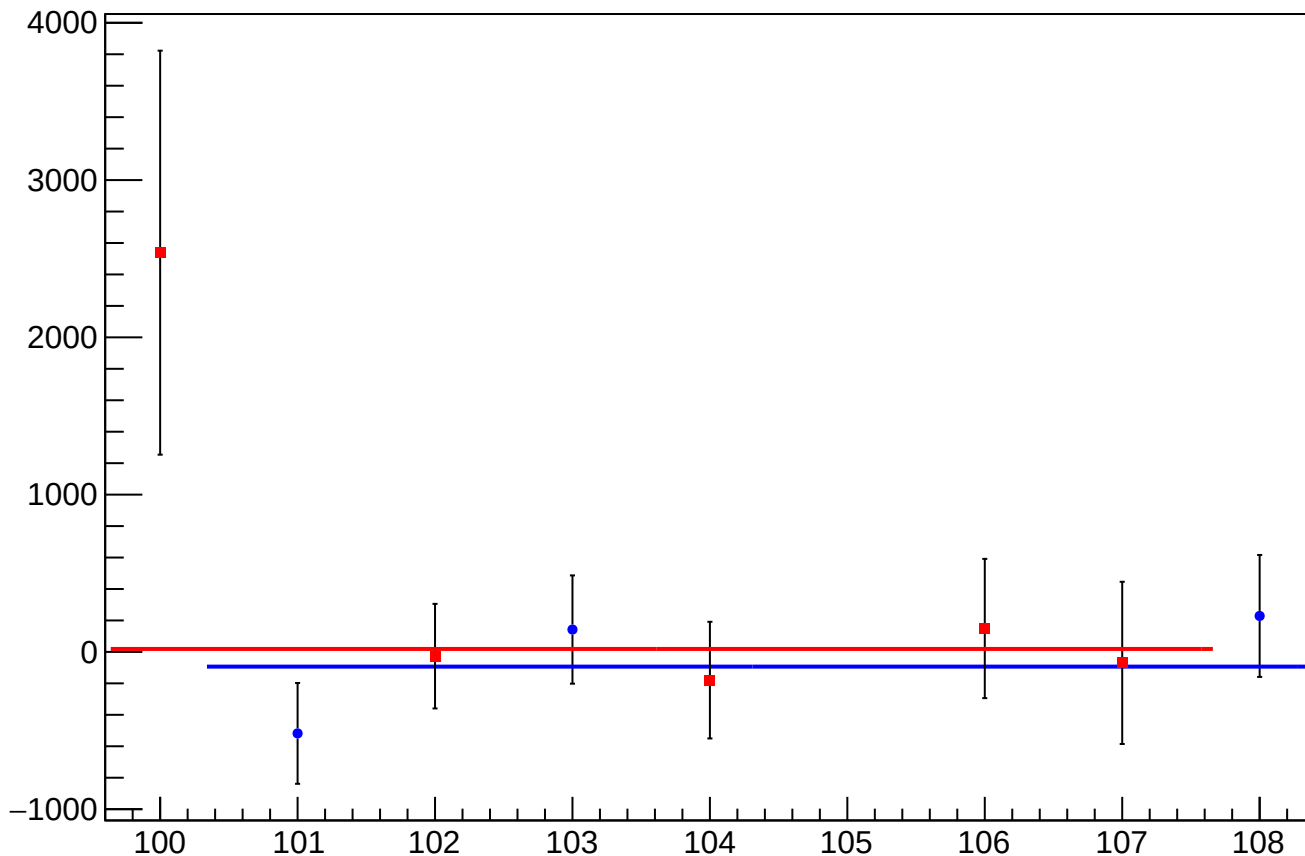
Right: 84.404 $\pm$ 0.033 χ^2 /NDF: 178038.1/7

In: 84.046 $\pm$ 0.048 χ^2 /NDF:98887.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 84.404 $\pm$ 0.033 χ^2 /NDF: 178038.1/7

asym_sam8_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -93.535+/-200.704 χ^2/NDF : 2.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.851+/-196.927 χ^2/NDF : 4.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

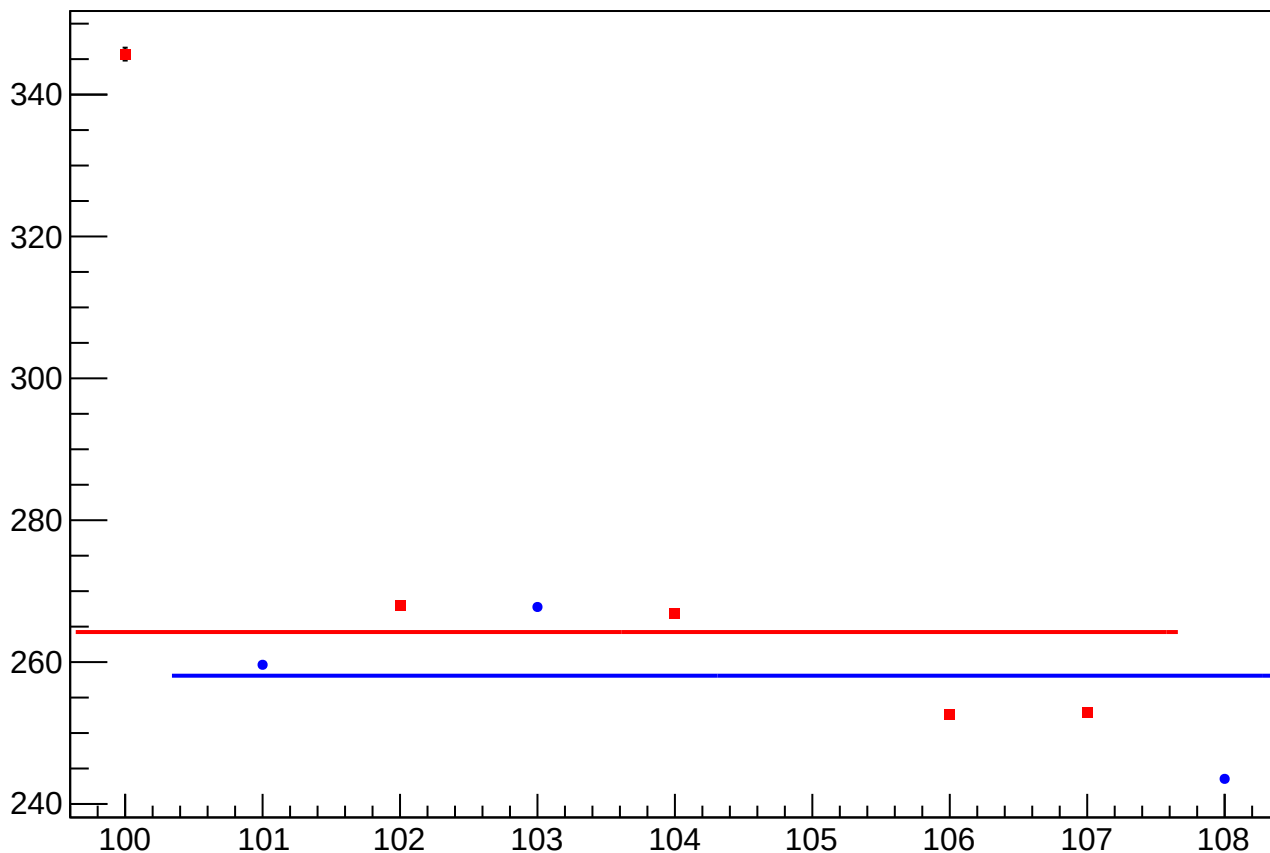
Right: -36.275+/-140.565 χ^2/NDF : 7.3/7

In: -93.535+/-200.704 χ^2/NDF : 2.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.275+/-140.565 χ^2/NDF : 7.3/7

asym_sam8_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 258.083+/-0.142 χ^2/NDF : 4444.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 264.238+/-0.139 χ^2/NDF : 10759.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

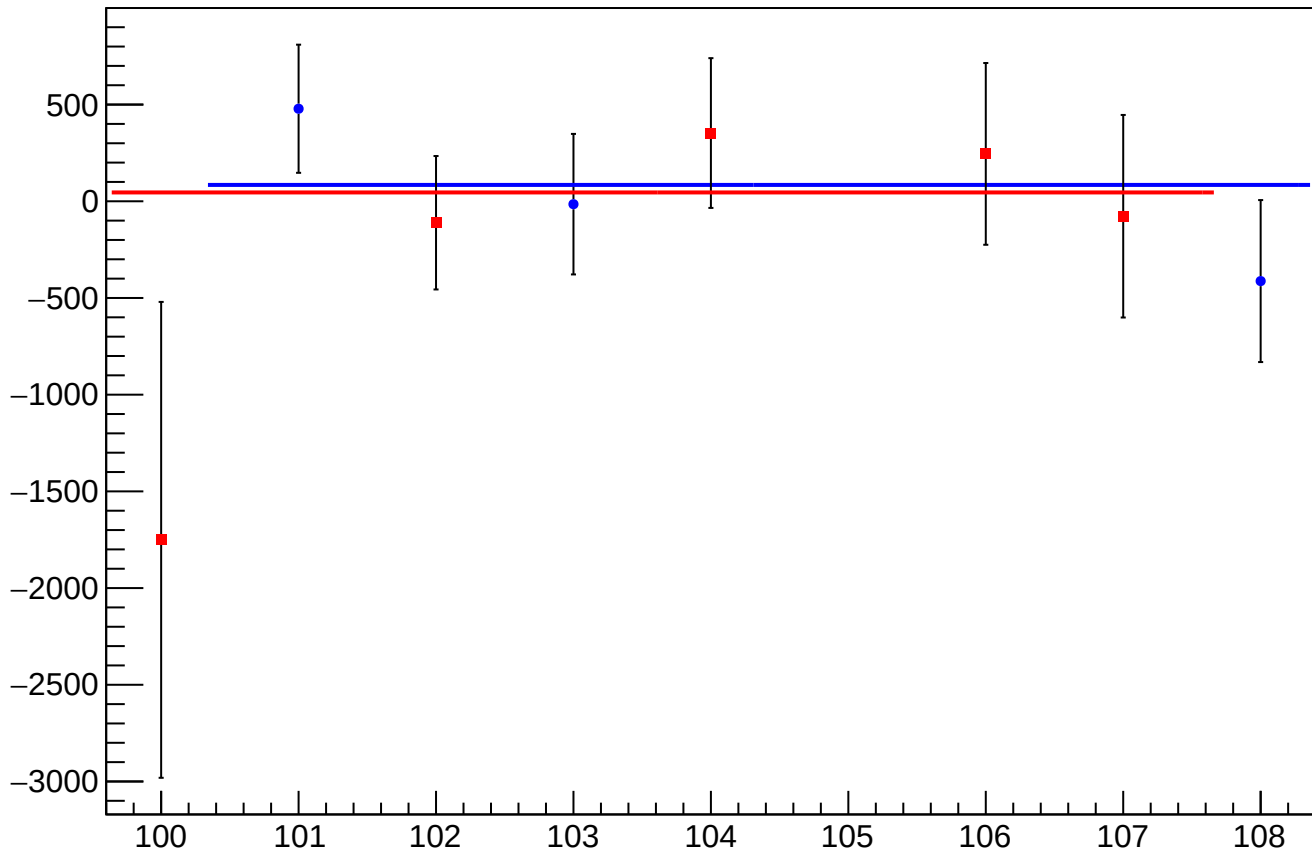
Right: 261.219+/-0.099 χ^2/NDF : 16162.2/7

In: 258.083+/-0.142 χ^2/NDF : 4444.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 261.219+/-0.099 χ^2/NDF : 16162.2/7

asym_sam8_mean vs Slug, Sign Corrected



Right In: 84.577+/-211.344 χ^2/NDF : 2.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.672+/-204.515 χ^2/NDF : 3.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

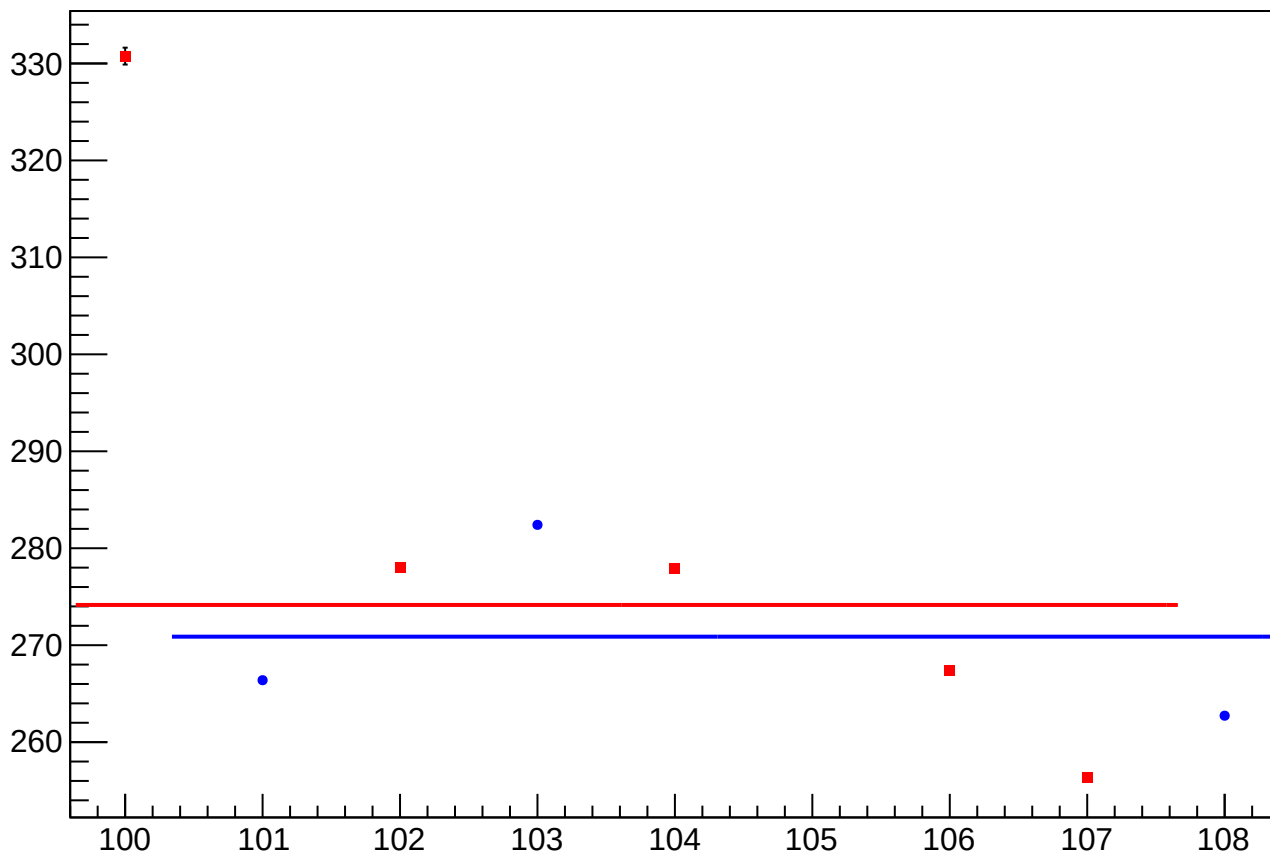
Right: 64.486+/-146.969 χ^2/NDF : 6.1/7

In: 84.577+/-211.344 χ^2/NDF : 2.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.486+/-146.969 χ^2/NDF : 6.1/7

asym_sam8_rms vs Slug, Sign Corrected



Right In: 270.880 $\pm$ 0.149 χ^2 /NDF: 3140.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 274.151 $\pm$ 0.145 χ^2 /NDF: 7392.2/4

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

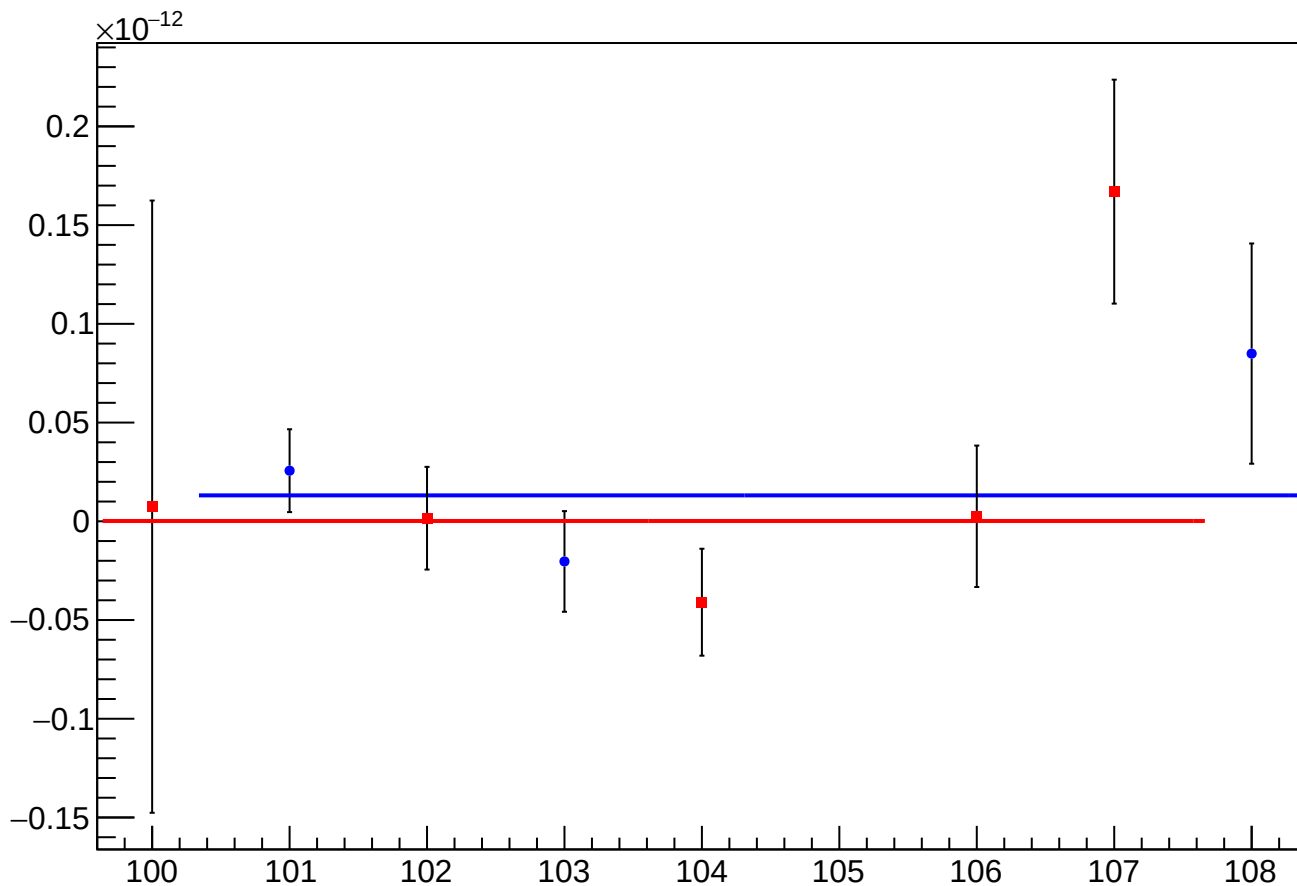
Right: 272.569 $\pm$ 0.104 χ^2 /NDF: 10779.6/7

In: 270.880 $\pm$ 0.149 χ^2 /NDF:3140.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 272.569 $\pm$ 0.104 χ^2 /NDF: 10779.6/7

asym_sam8_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 3.7/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 11.0/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

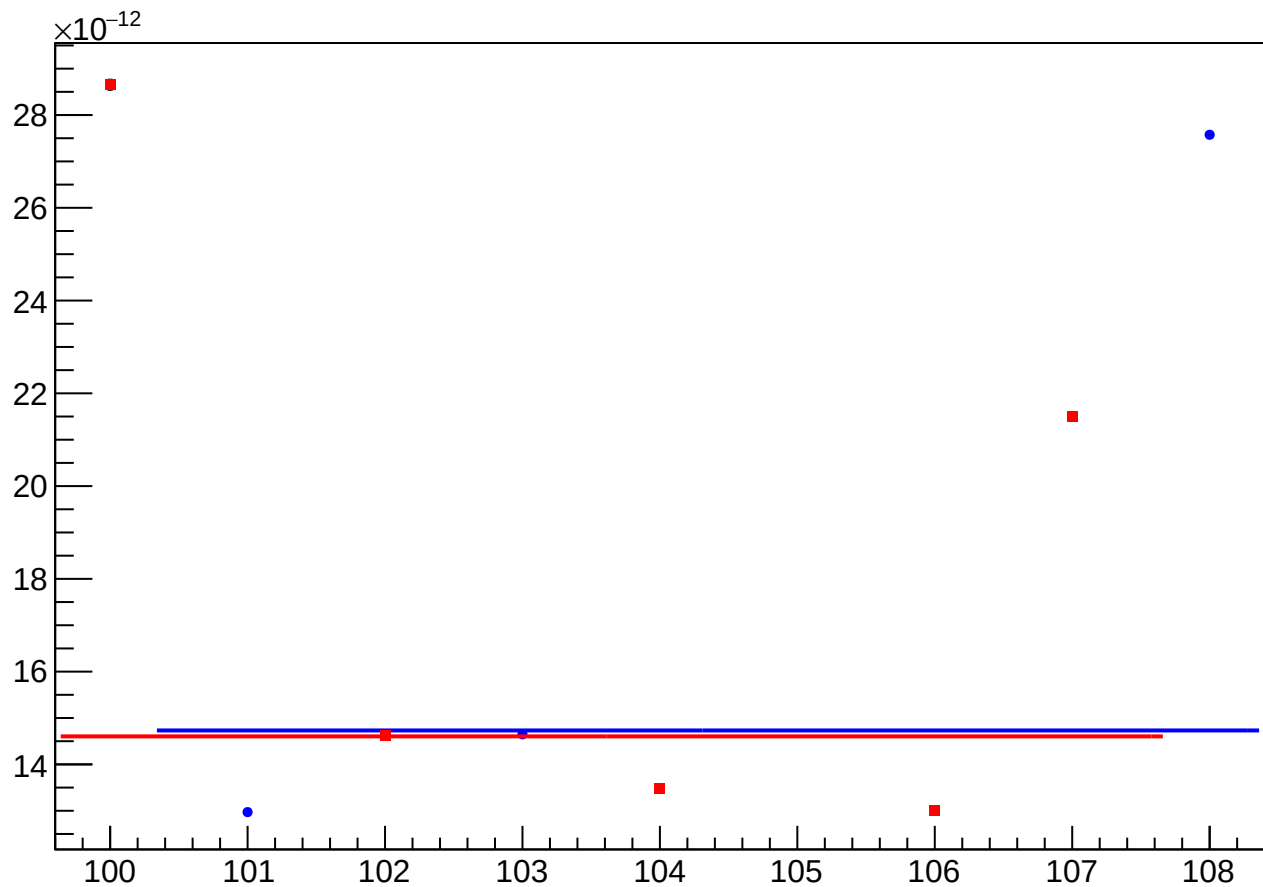
Right: 0.000 ± 0.000 χ^2/NDF : 15.0/7

In: 0.000 ± 0.000 χ^2/NDF : 3.7/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 15.0/7

asym_sam8_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 120159.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 53310.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

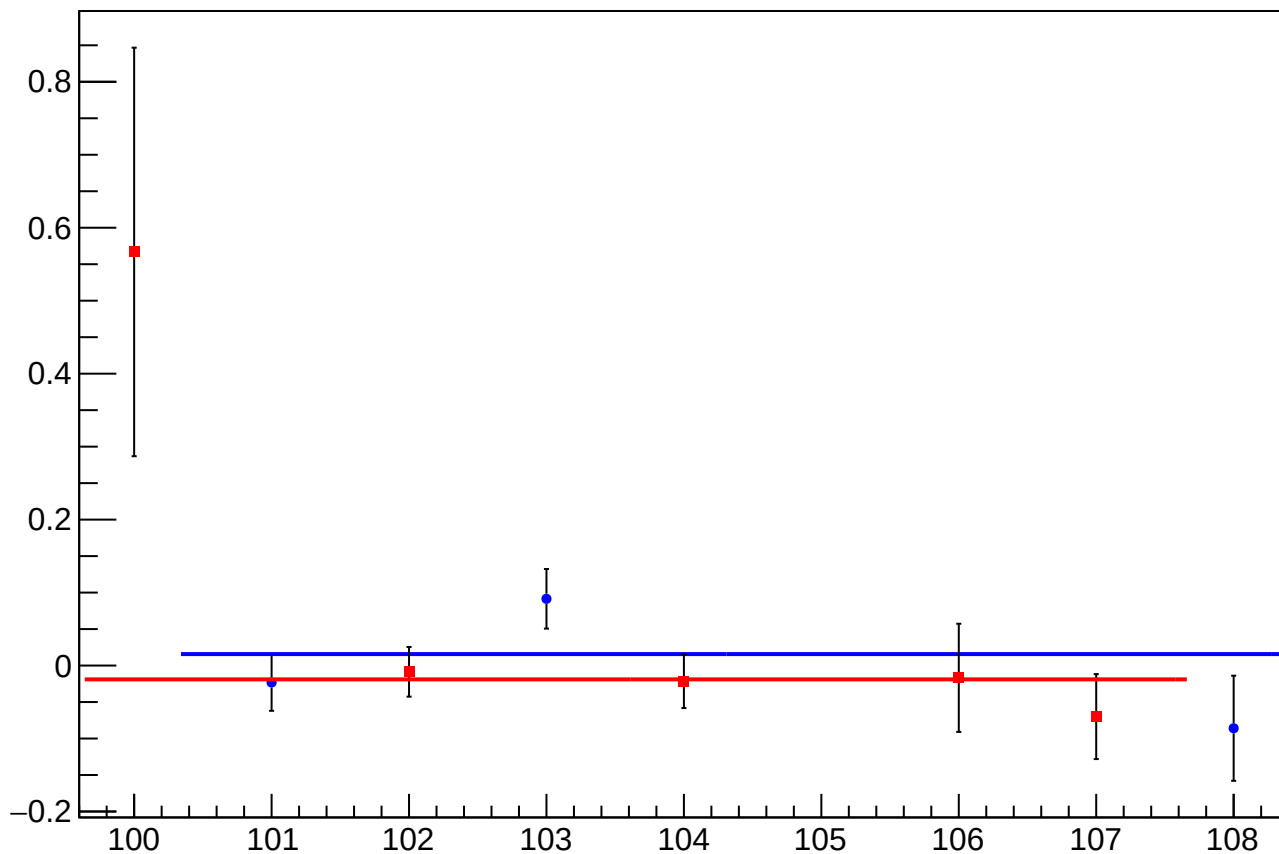
Right: 0.000+/-0.000 χ^2/NDF : 173535.7/7

In: 0.000+/-0.000 χ^2/NDF : 120159.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 173535.7/7

asym_sam8_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.016+/-0.026 χ^2/NDF : 6.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.019+/-0.022 χ^2/NDF : 5.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

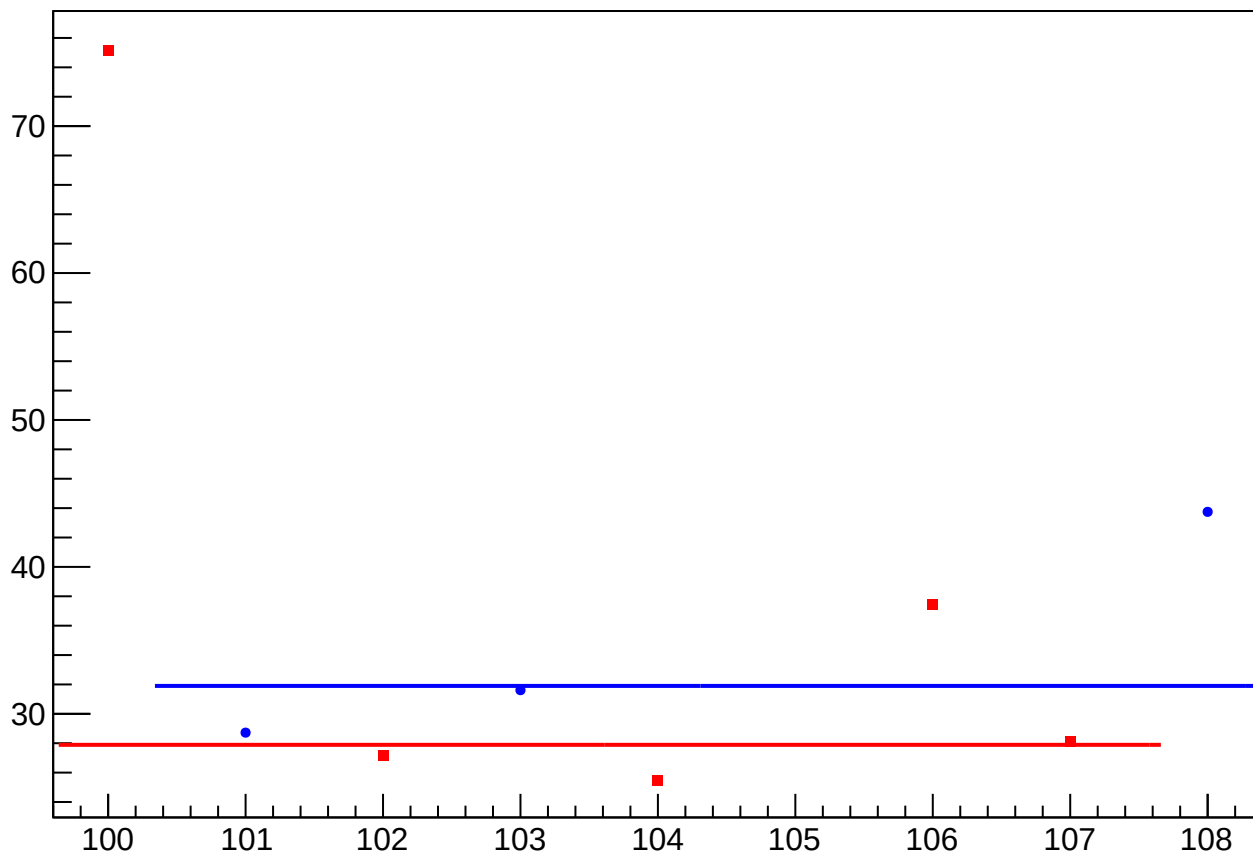
Right: -0.005+/-0.017 χ^2/NDF : 12.7/7

In: 0.016+/-0.026 χ^2/NDF : 6.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.017 χ^2/NDF : 12.7/7

asym_sam8_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.901+/-0.019 χ^2/NDF : 67621.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.890+/-0.015 χ^2/NDF : 99719.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

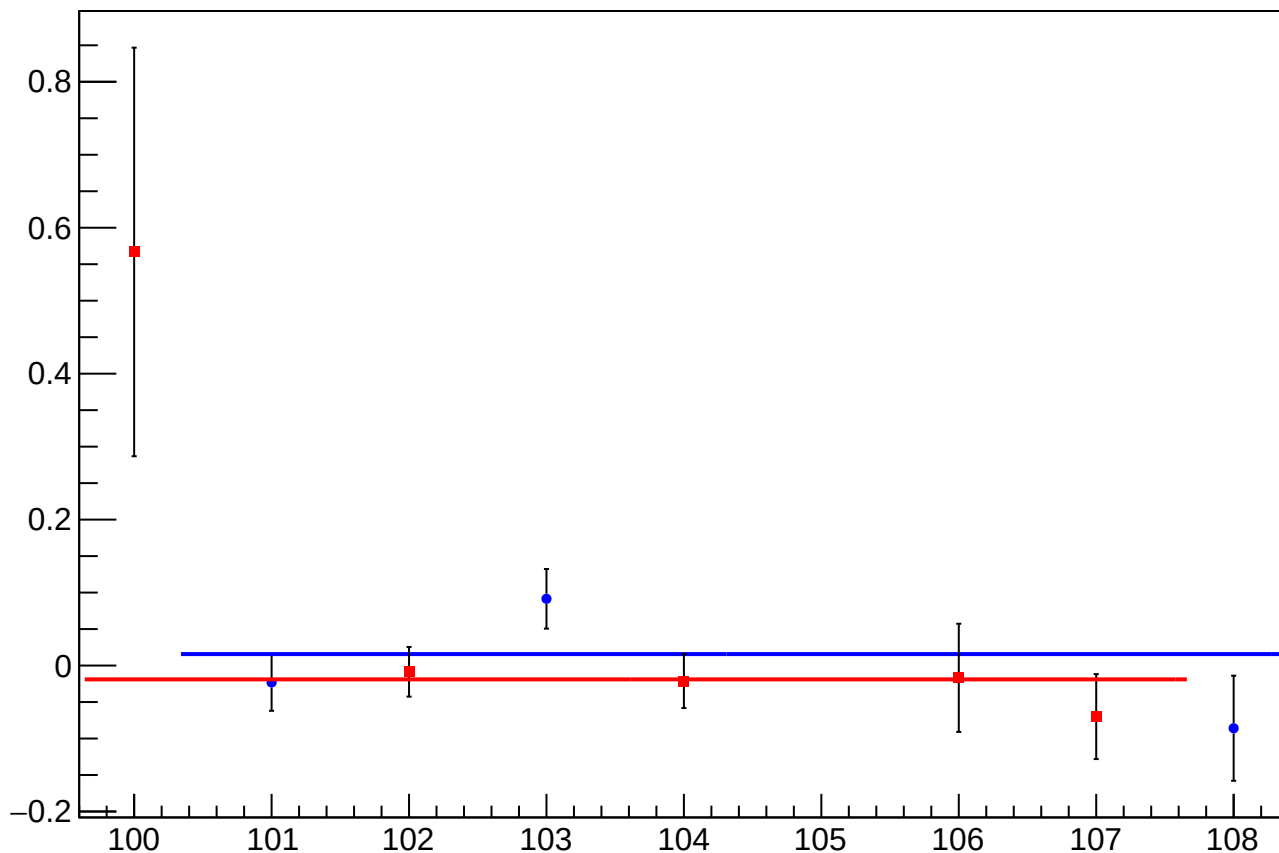
Right: 29.538+/-0.012 χ^2/NDF : 194920.9/7

In: 31.901+/-0.019 χ^2/NDF : 67621.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.538+/-0.012 χ^2/NDF : 194920.9/7

asym_sam8_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.016+/-0.026 χ^2/NDF : 6.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.019+/-0.022 χ^2/NDF : 5.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

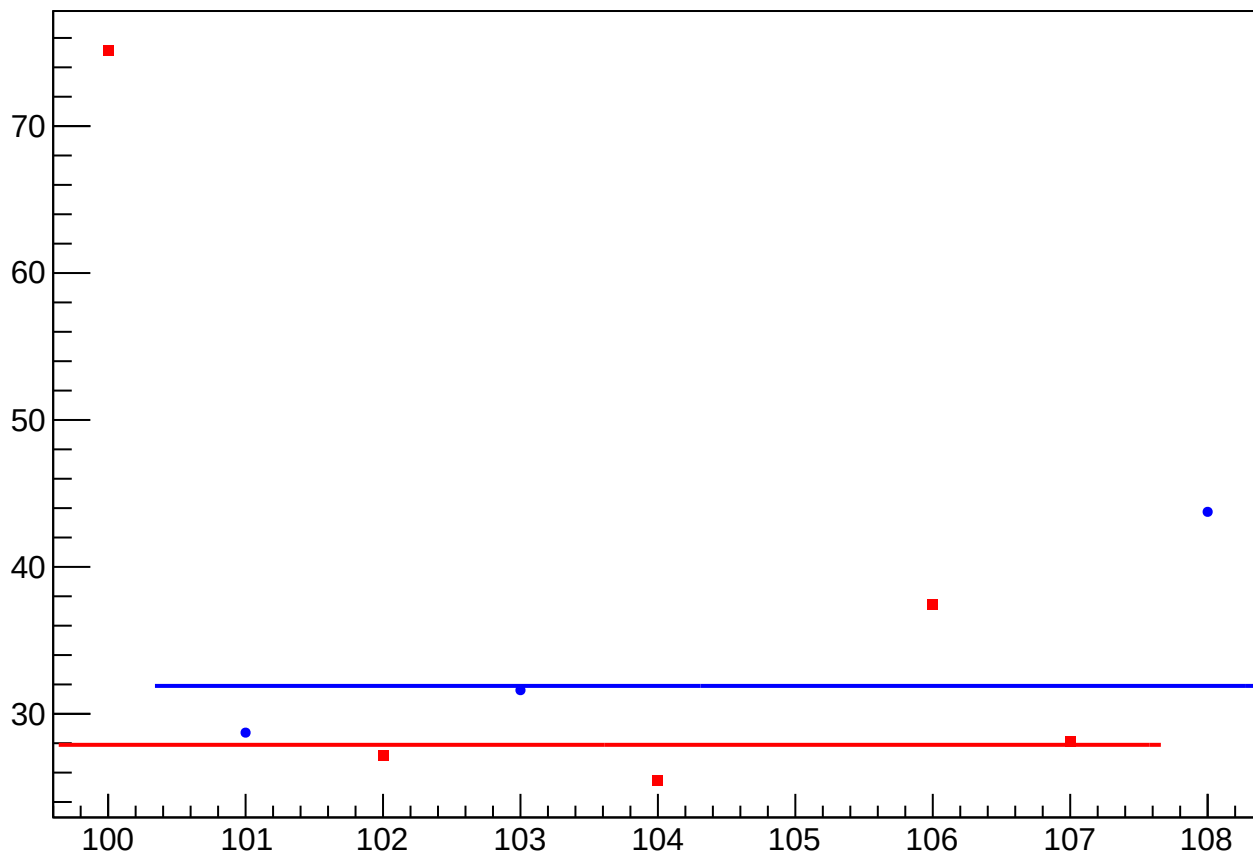
Right: -0.005+/-0.017 χ^2/NDF : 12.7/7

In: 0.016+/-0.026 χ^2/NDF : 6.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.017 χ^2/NDF : 12.7/7

asym_sam8_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.901+/-0.019 χ^2/NDF : 67621.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.890+/-0.015 χ^2/NDF : 99719.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

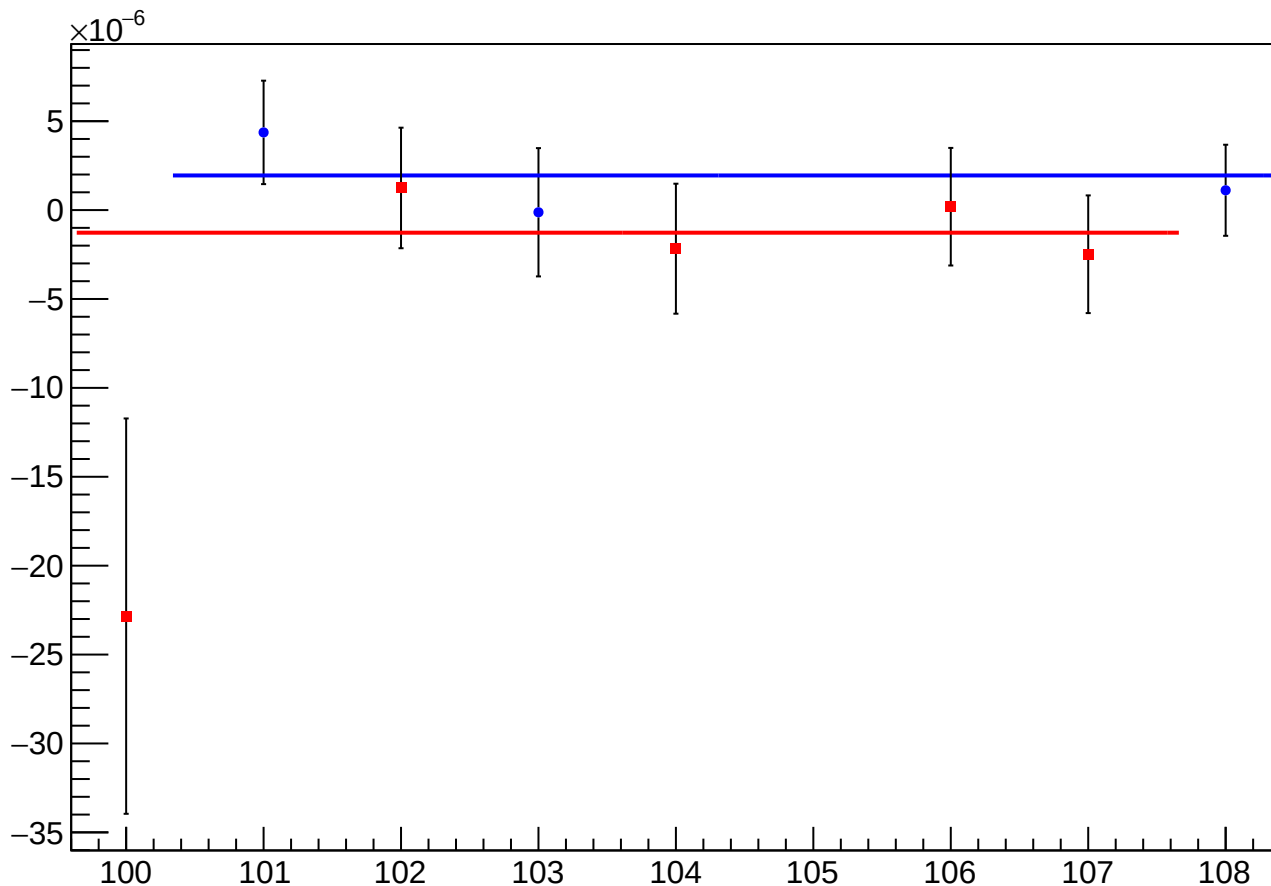
Right: 29.538+/-0.012 χ^2/NDF : 194920.9/7

In: 31.901+/-0.019 χ^2/NDF : 67621.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.538+/-0.012 χ^2/NDF : 194920.9/7

asym_sam8_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

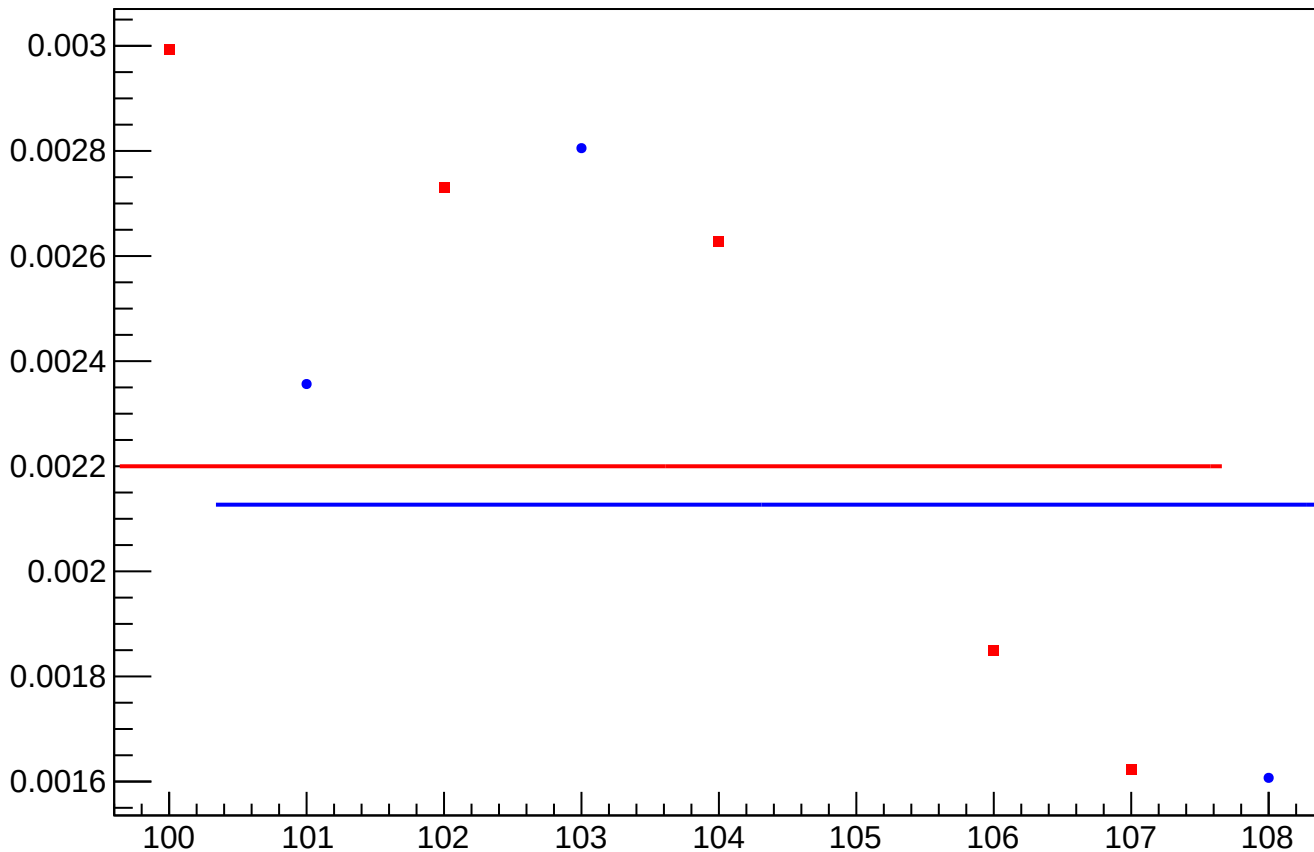
Right: 0.000+/-0.000 χ^2/NDF : 7.6/7

In: 0.000+/-0.000 χ^2/NDF : 1.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.6/7

asym_sam8_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 165579.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 169667.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

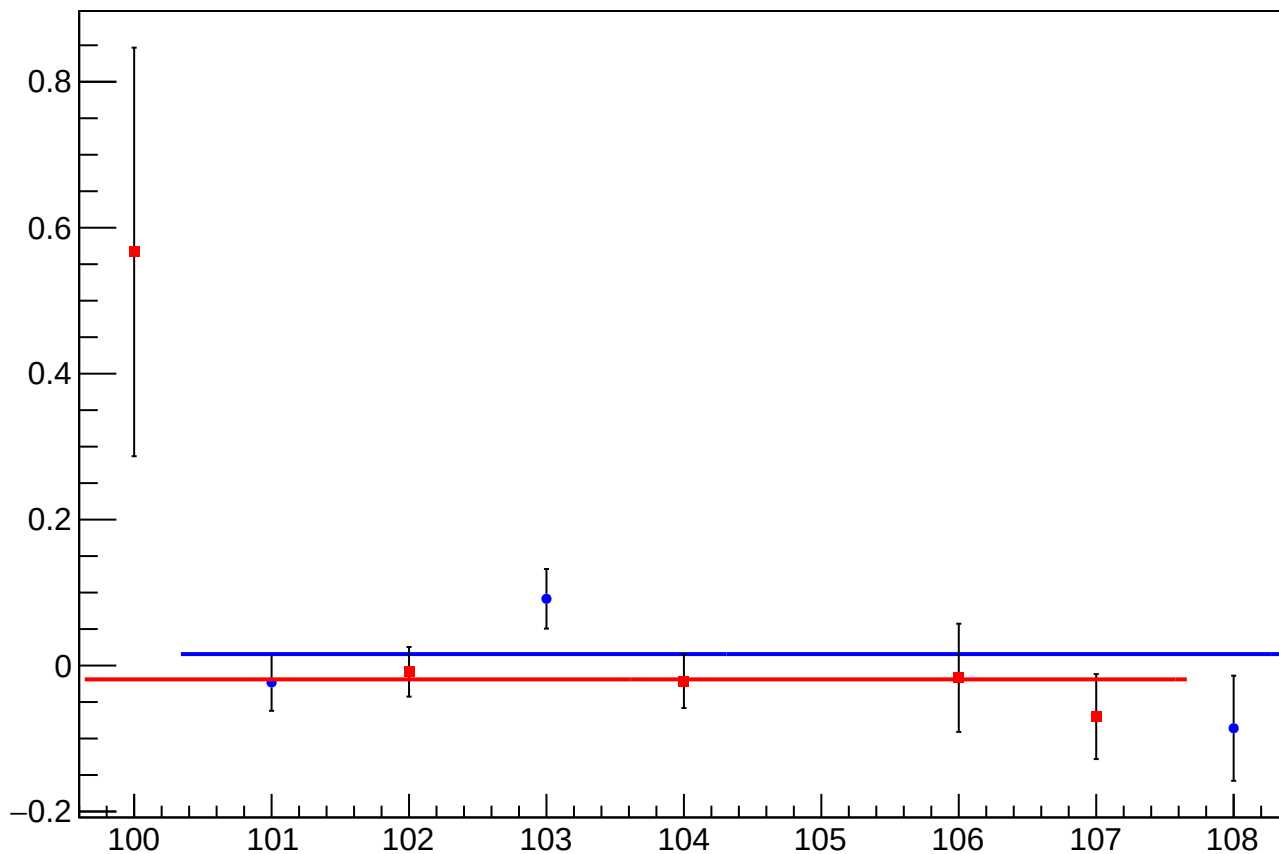
Right: 0.002+/-0.000 χ^2/NDF : 337116.5/7

In: 0.002+/-0.000 χ^2/NDF : 165579.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 337116.5/7

asym_sam8_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.016+/-0.026 χ^2/NDF : 6.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.019+/-0.022 χ^2/NDF : 5.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

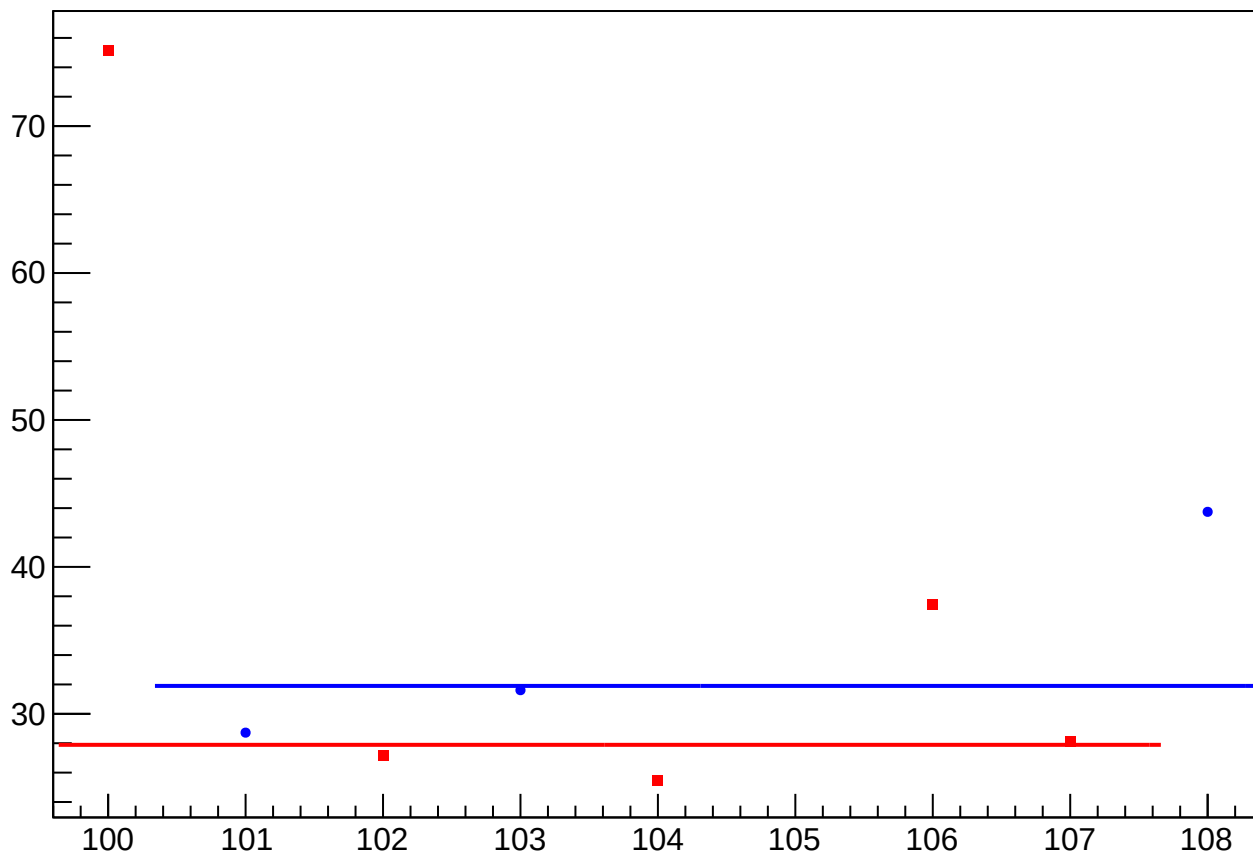
Right: -0.005+/-0.017 χ^2/NDF : 12.7/7

In: 0.016+/-0.026 χ^2/NDF : 6.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.017 χ^2/NDF : 12.7/7

asym_sam8_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.901+/-0.019 χ^2/NDF : 67623.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.891+/-0.015 χ^2/NDF : 99717.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

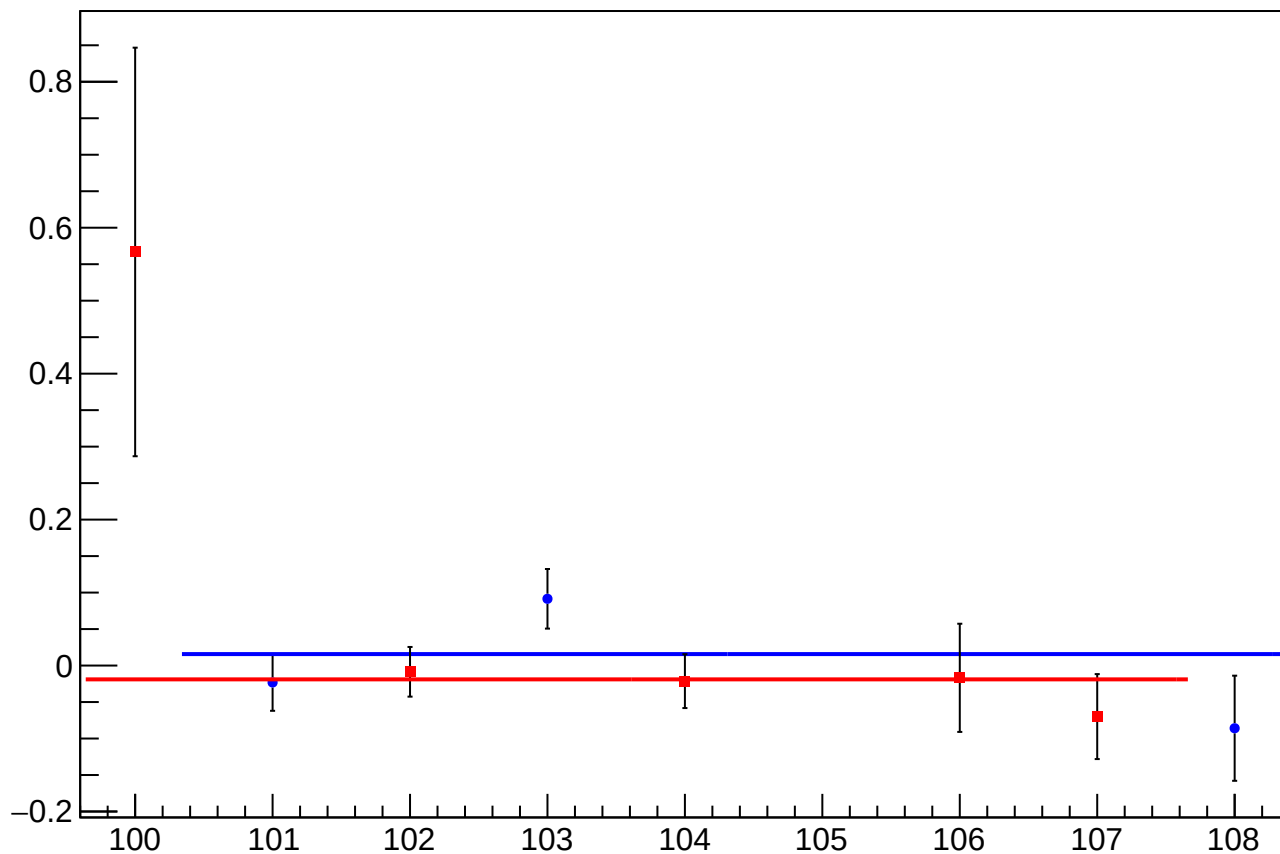
Right: 29.538+/-0.012 χ^2/NDF : 194918.0/7

In: 31.901+/-0.019 χ^2/NDF : 67623.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.538+/-0.012 χ^2/NDF : 194918.0/7

asym_sam8_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.016+/-0.026 χ^2/NDF : 6.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.019+/-0.022 χ^2/NDF : 5.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

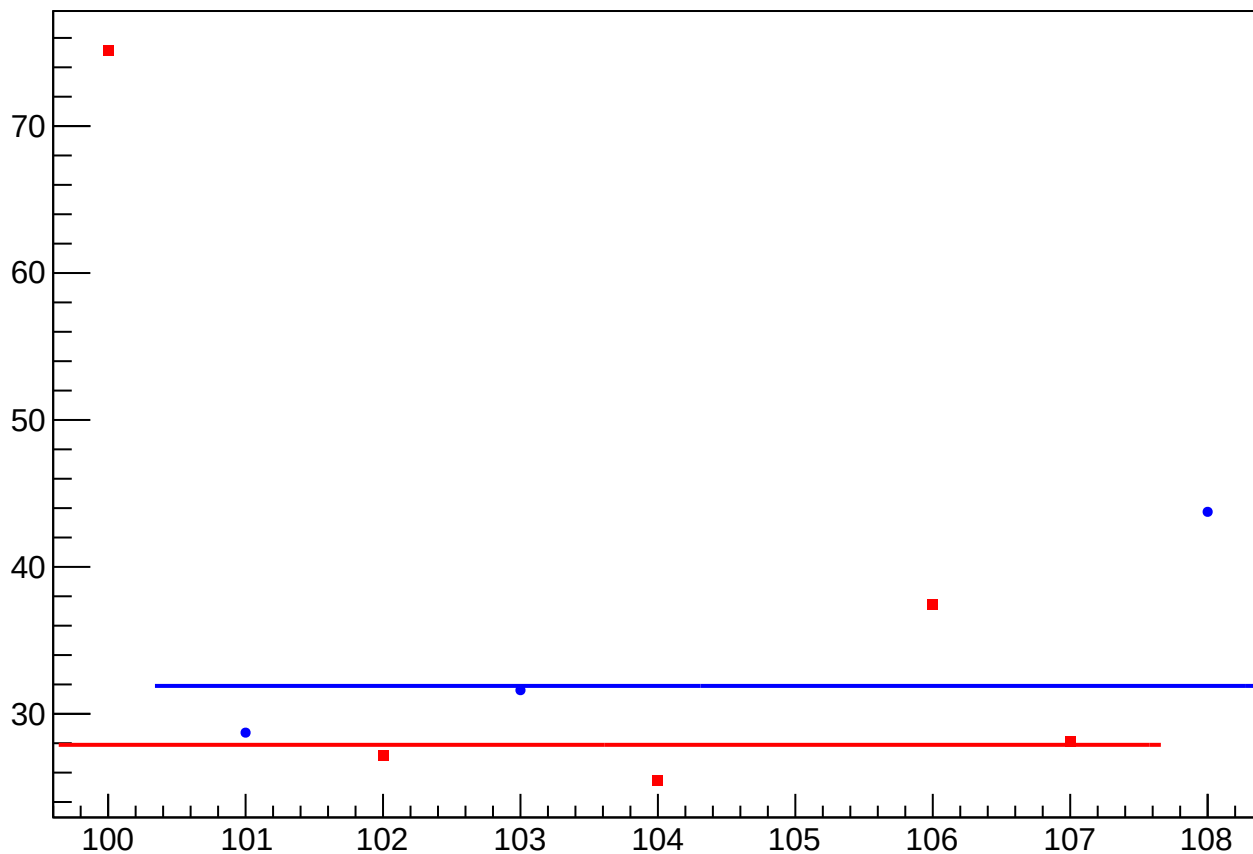
Right: -0.005+/-0.017 χ^2/NDF : 12.7/7

In: 0.016+/-0.026 χ^2/NDF : 6.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.017 χ^2/NDF : 12.7/7

asym_sam8_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.901+/-0.019 χ^2/NDF : 67623.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.891+/-0.015 χ^2/NDF : 99717.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

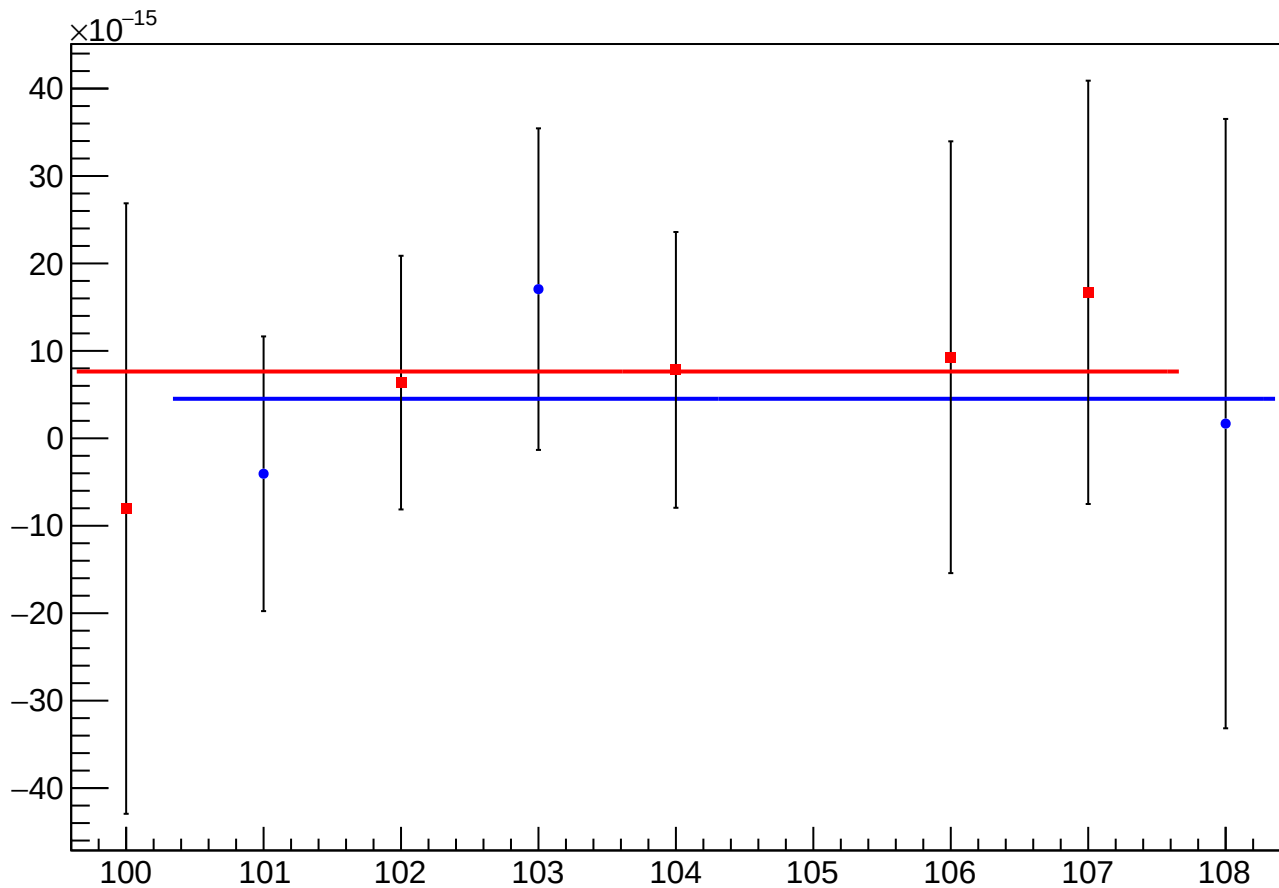
Right: 29.538+/-0.012 χ^2/NDF : 194918.0/7

In: 31.901+/-0.019 χ^2/NDF : 67623.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.538+/-0.012 χ^2/NDF : 194918.0/7

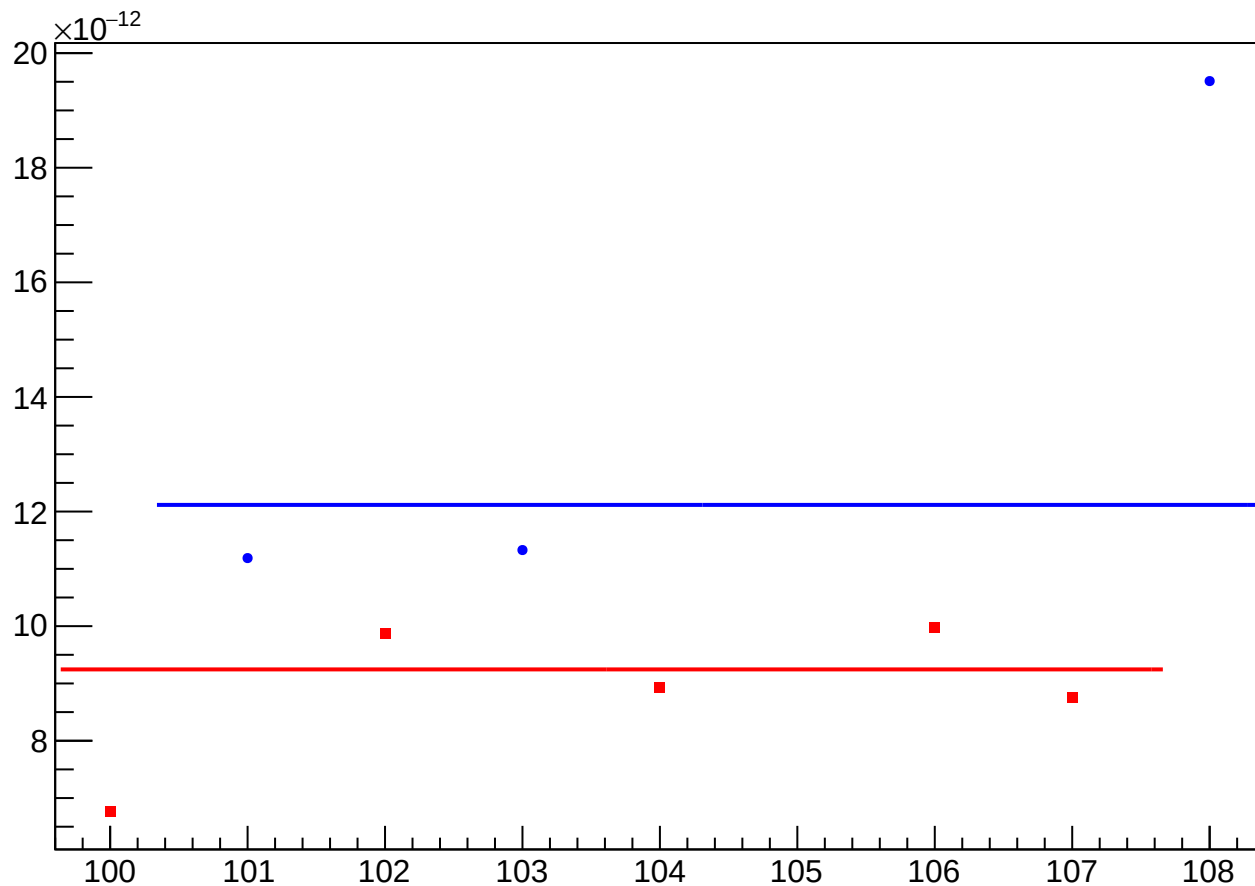
asym_sam8_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.8/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.4/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1.2/7
 In: 0.000+/-0.000 χ^2/NDF : 0.8/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 1.2/7

asym_sam8_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 100768.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17192.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

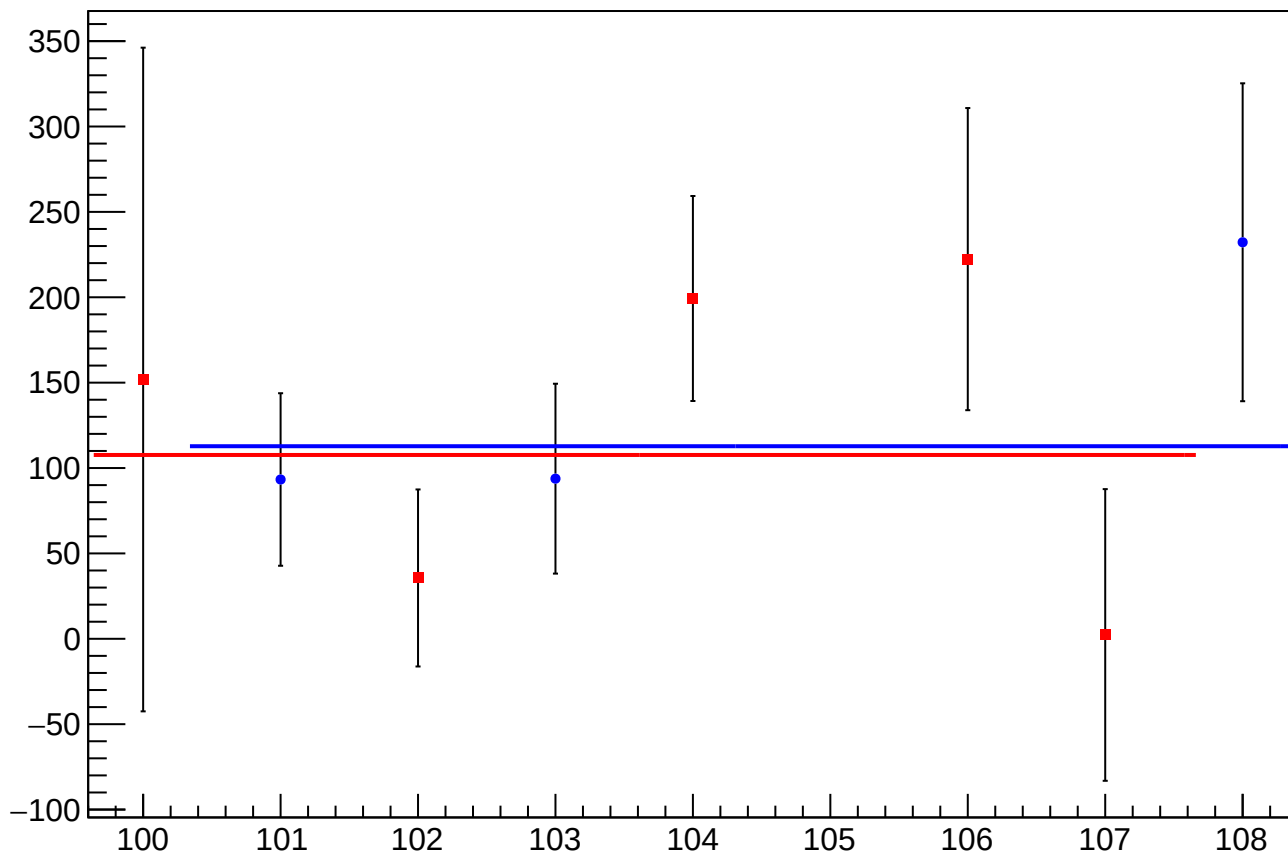
Right: 0.000+/-0.000 χ^2/NDF : 198404.7/7

In: 0.000+/-0.000 χ^2/NDF : 100768.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 198404.7/7

reg_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 112.775 $\pm$ 34.694 χ^2 /NDF: 1.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 107.650 $\pm$ 32.598 χ^2 /NDF: 7.5/4

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

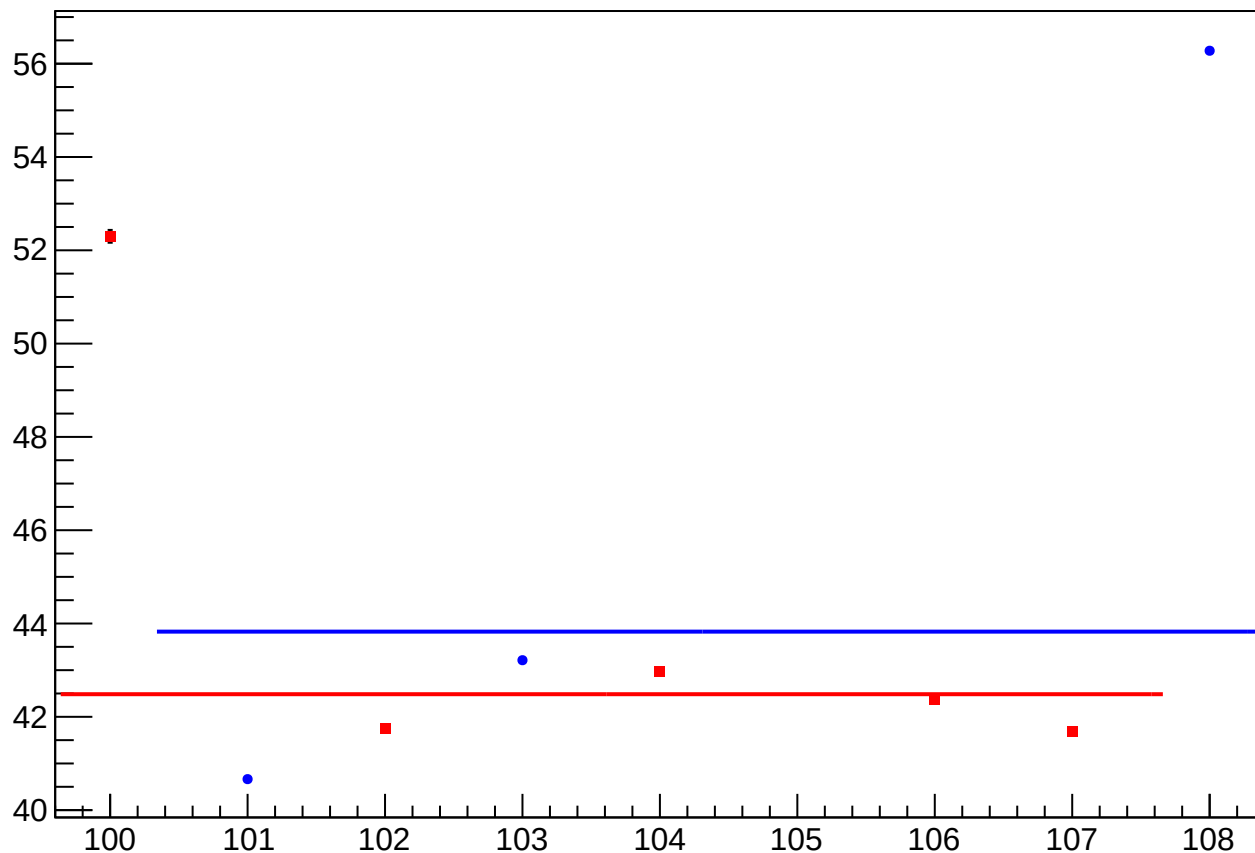
Right: 110.053 $\pm$ 23.757 χ^2 /NDF: 9.4/7

In: 112.775 $\pm$ 34.694 χ^2 /NDF: 1.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 110.053 $\pm$ 23.757 χ^2 /NDF: 9.4/7

reg_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 43.826+/-0.025 χ^2/NDF : 43864.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.485+/-0.023 χ^2/NDF : 5807.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

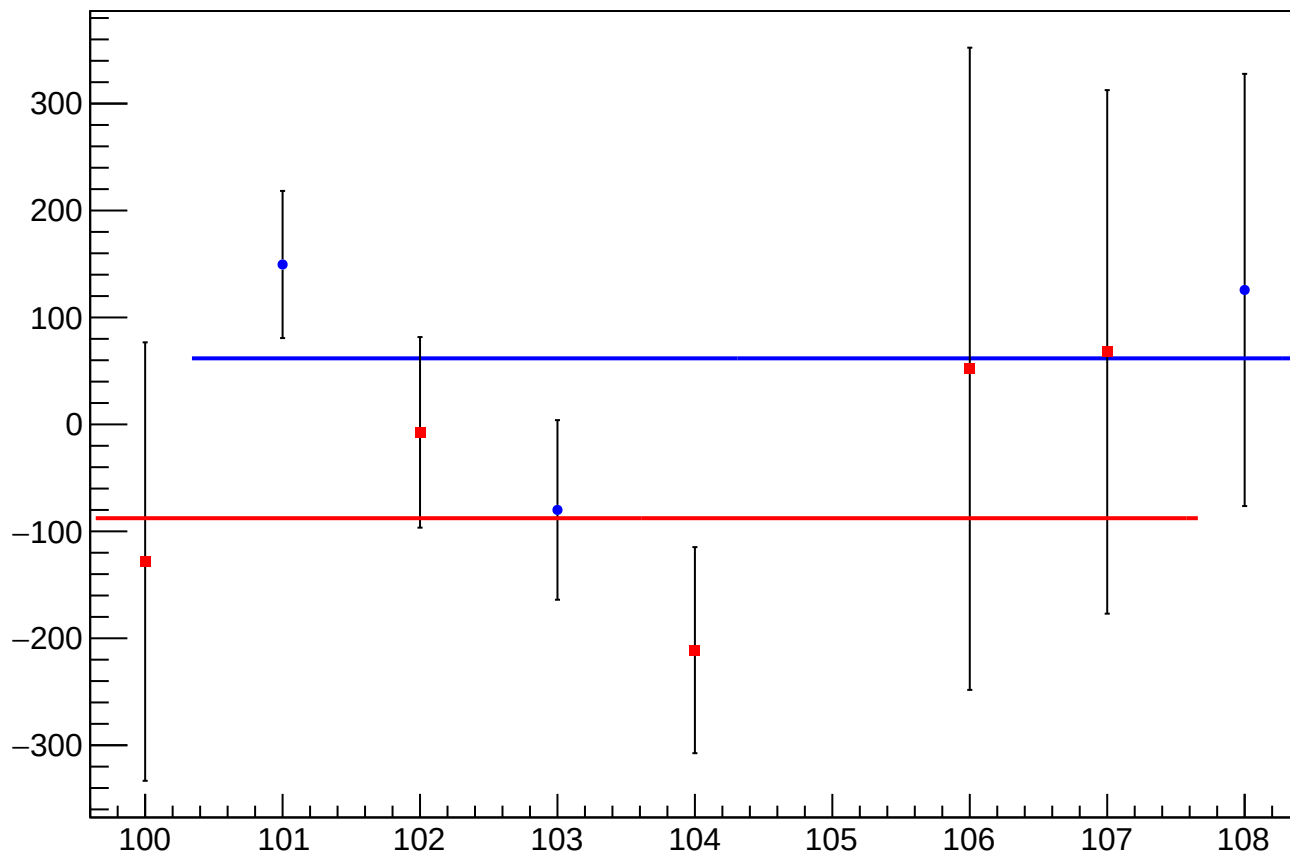
Right: 43.114+/-0.017 χ^2/NDF : 51259.3/7

In: 43.826+/-0.025 χ^2/NDF : 43864.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.114+/-0.017 χ^2/NDF : 51259.3/7

asym_sam_15_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 61.779+/-51.461 χ^2/NDF : 4.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -87.706+/-59.209 χ^2/NDF : 3.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

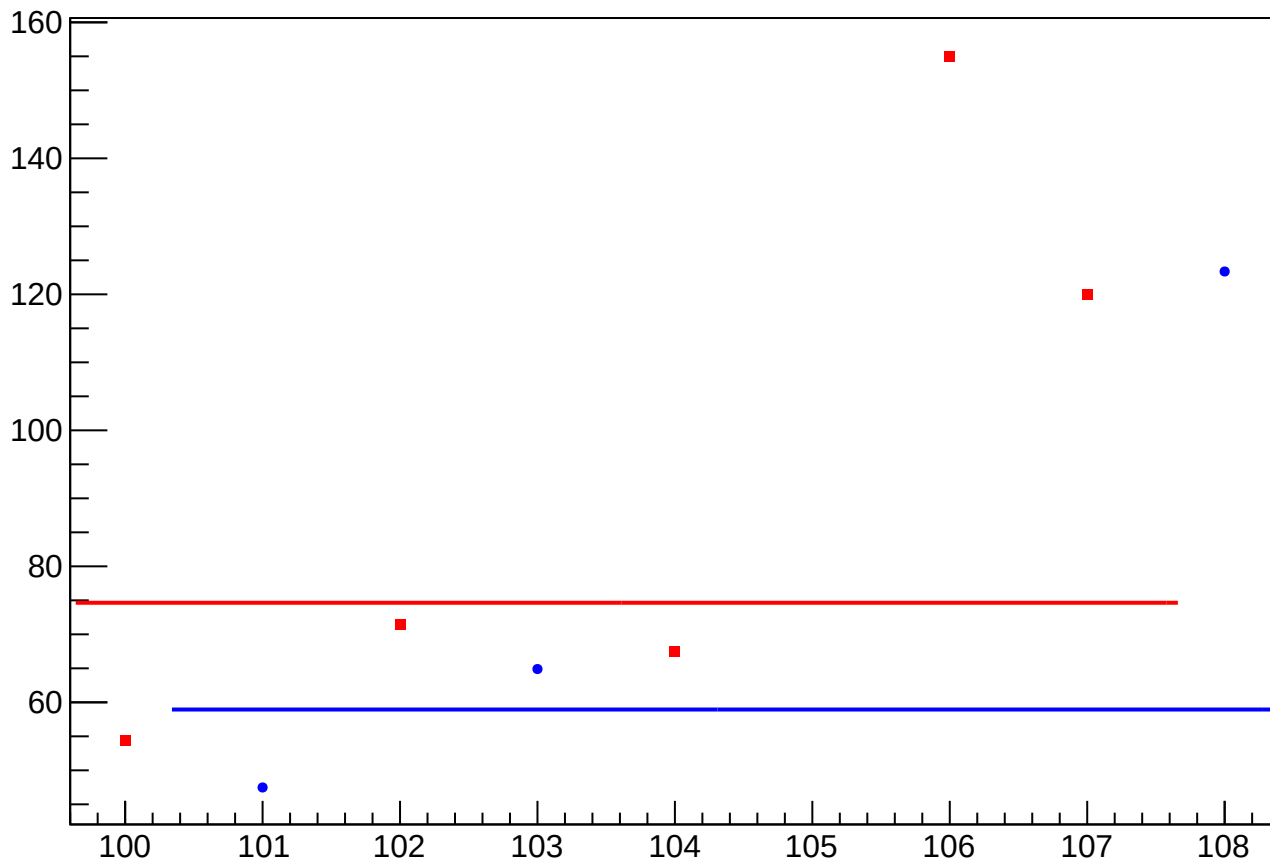
Right: -2.550+/-38.841 χ^2/NDF : 11.3/7

In: 61.779+/-51.461 χ^2/NDF : 4.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.550+/-38.841 χ^2/NDF : 11.3/7

asym_sam_15_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 58.943+/-0.036 χ^2/NDF : 268836.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.645+/-0.042 χ^2/NDF : 244957.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

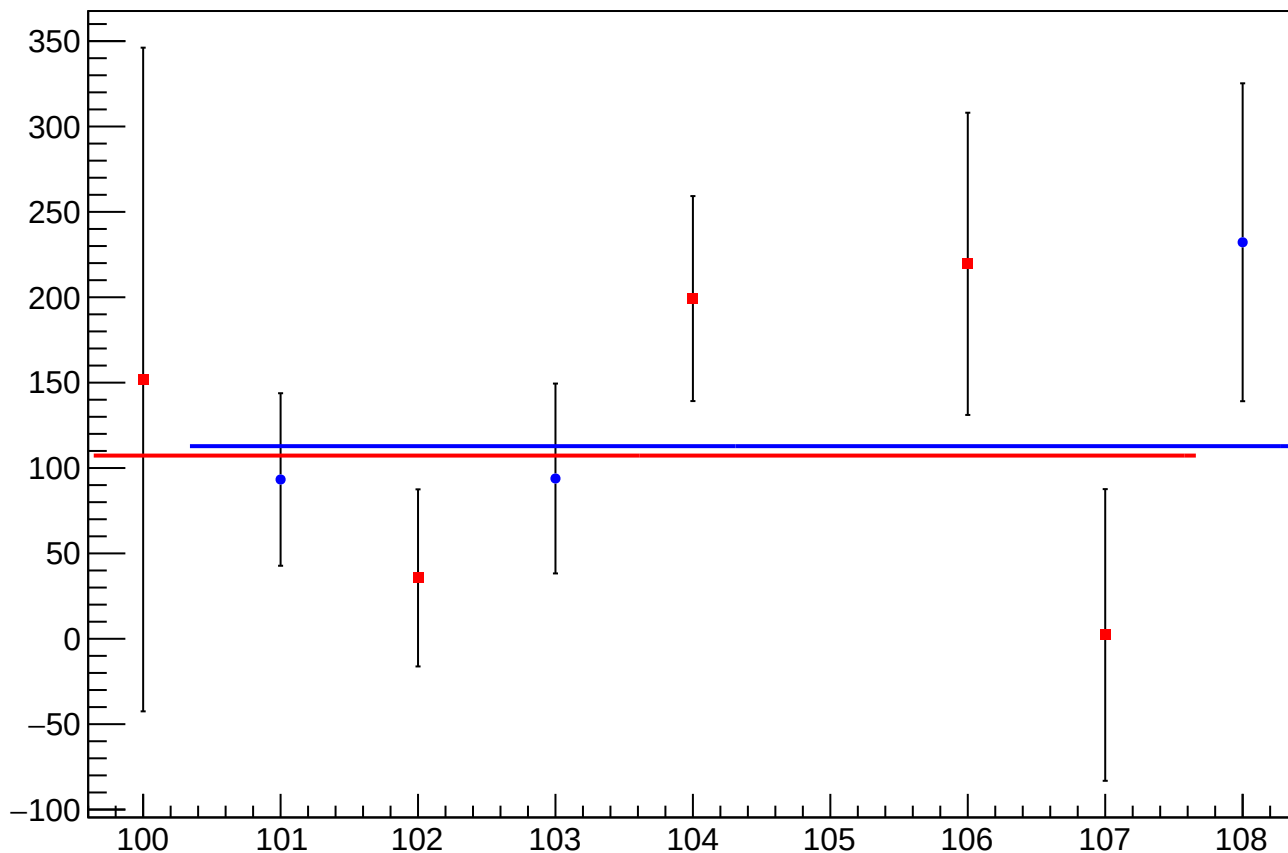
Right: 65.700+/-0.027 χ^2/NDF : 593916.8/7

In: 58.943+/-0.036 χ^2/NDF : 268836.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.700+/-0.027 χ^2/NDF : 593916.8/7

cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 112.809 $\pm$ 34.694 χ^2 /NDF: 1.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 107.288 $\pm$ 32.604 χ^2 /NDF: 7.4/4

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

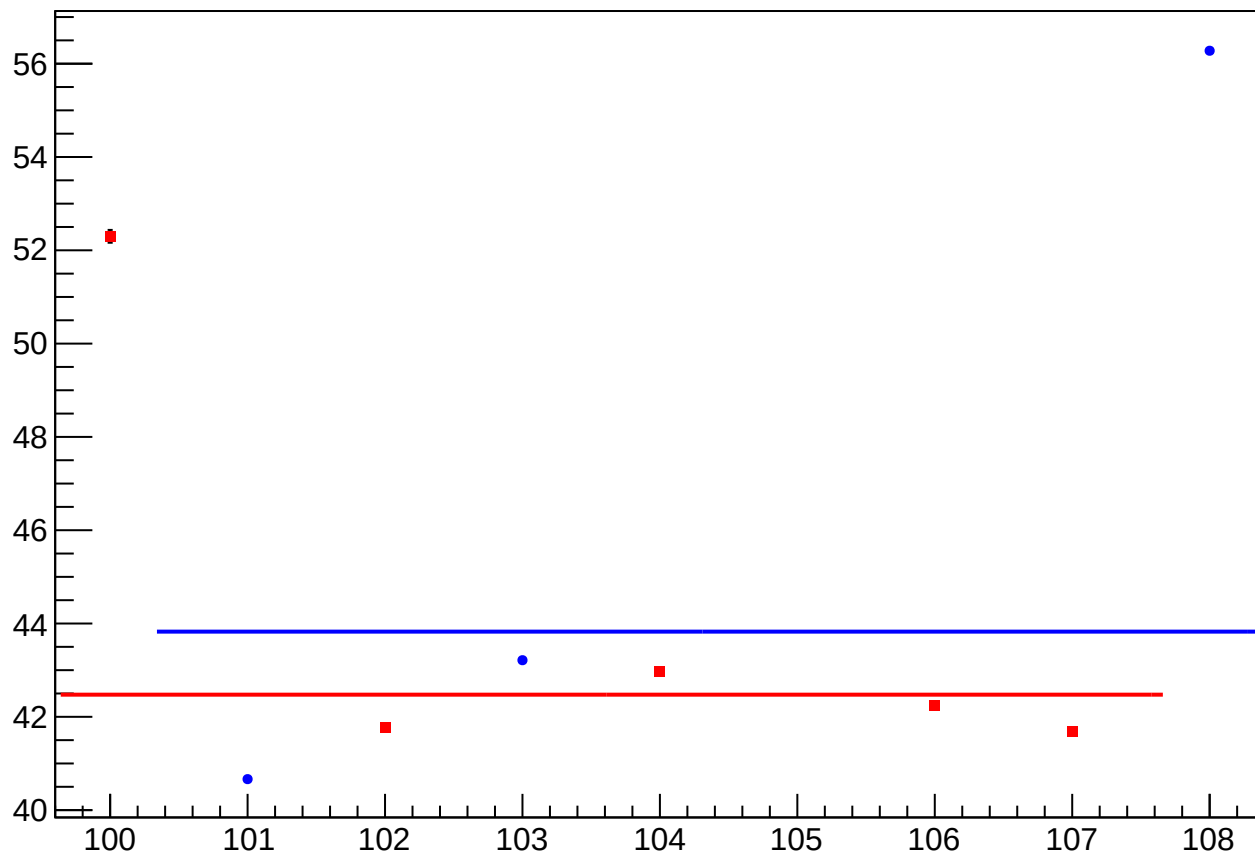
Right: 109.877 $\pm$ 23.759 χ^2 /NDF: 9.4/7

In: 112.809 $\pm$ 34.694 χ^2 /NDF: 1.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 109.877 $\pm$ 23.759 χ^2 /NDF: 9.4/7

cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 43.826 $\pm$ 0.025 χ^2 /NDF: 43864.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 42.475 $\pm$ 0.023 χ^2 /NDF: 5799.7/4

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

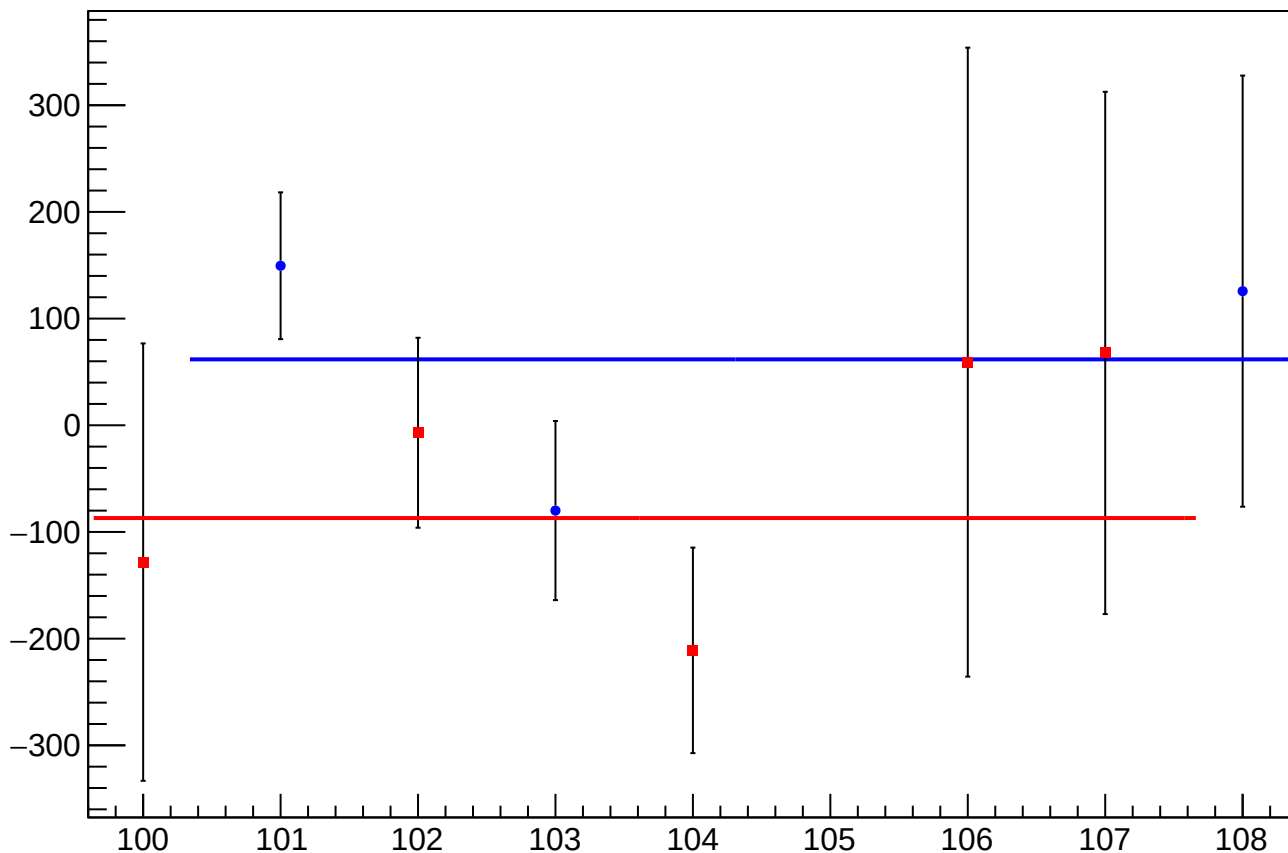
Right: 43.109 $\pm$ 0.017 χ^2 /NDF: 51275.5/7

In: 43.826 $\pm$ 0.025 χ^2 /NDF: 43864.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 43.109 $\pm$ 0.017 χ^2 /NDF: 51275.5/7

asym_sam_15_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 61.782 $\pm$ 51.460 χ^2 /NDF: 4.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -86.949 $\pm$ 59.139 χ^2 /NDF: 3.2/4

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

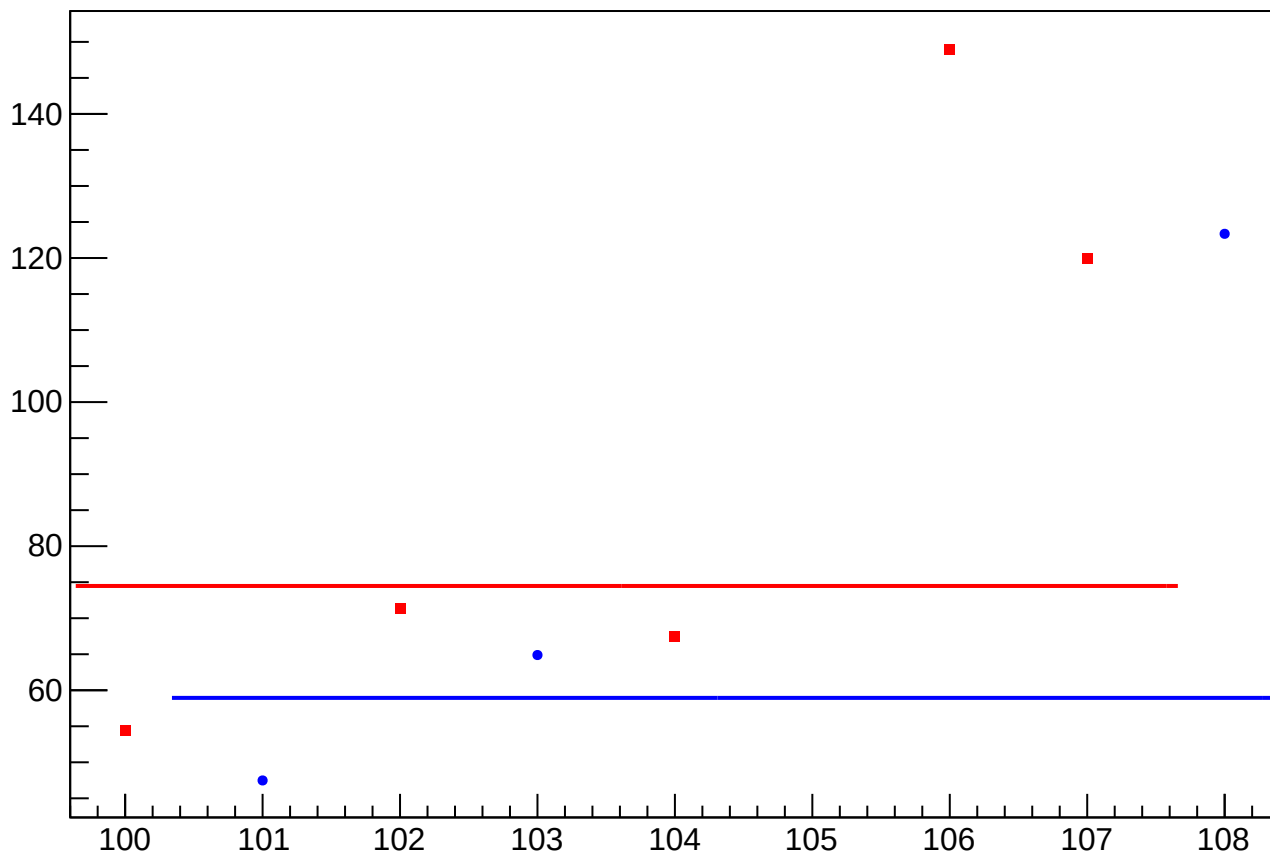
Right: -2.306 $\pm$ 38.821 χ^2 /NDF: 11.3/7

In: 61.782 $\pm$ 51.460 χ^2 /NDF:4.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.306 $\pm$ 38.821 χ^2 /NDF: 11.3/7

asym_sam_15_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 58.942 $\pm$ 0.036 χ^2 /NDF: 268818.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 74.477 $\pm$ 0.042 χ^2 /NDF: 228972.3/4

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

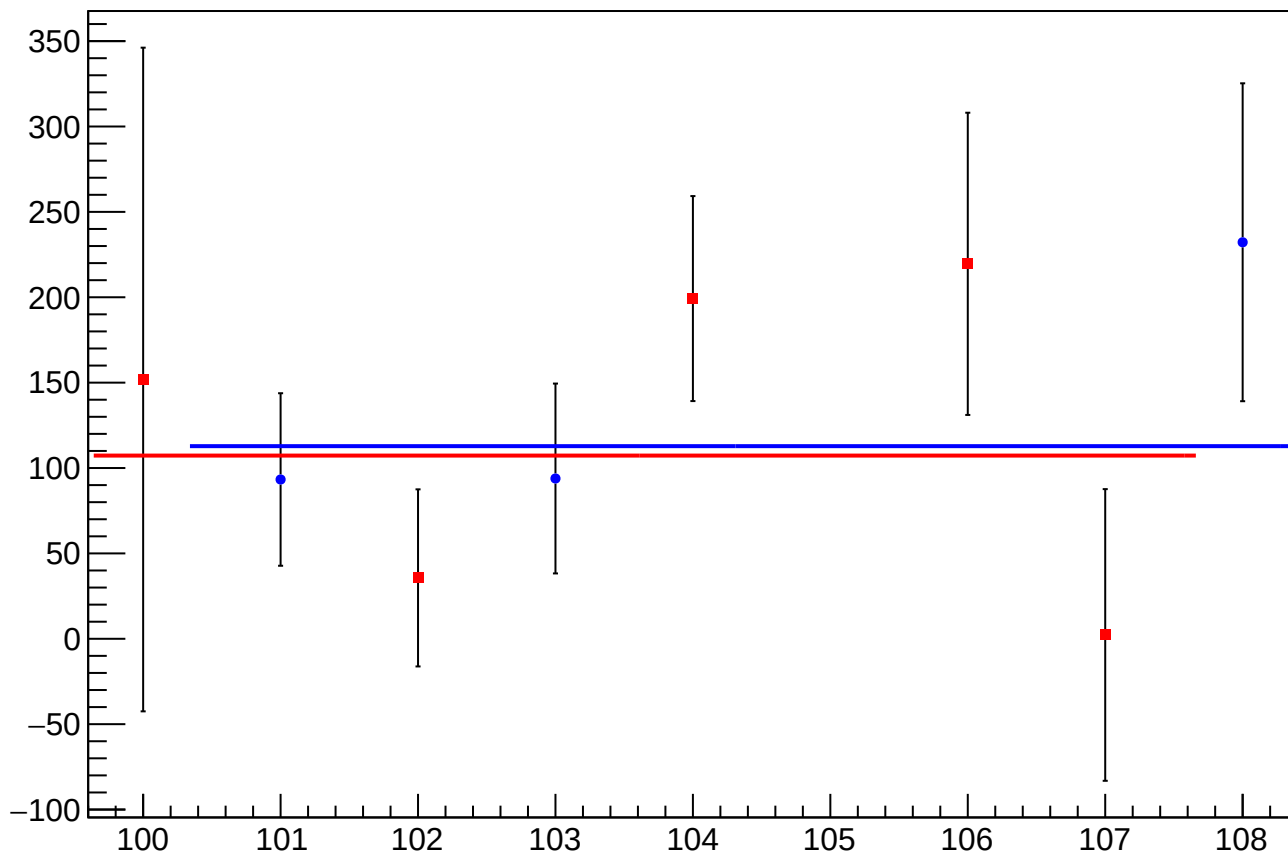
Right: 65.636 $\pm$ 0.027 χ^2 /NDF: 576331.9/7

In: 58.942 $\pm$ 0.036 χ^2 /NDF:268818.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 65.636 $\pm$ 0.027 χ^2 /NDF: 576331.9/7

eigen_cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 112.809+/-34.694 χ^2/NDF : 1.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.288+/-32.604 χ^2/NDF : 7.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

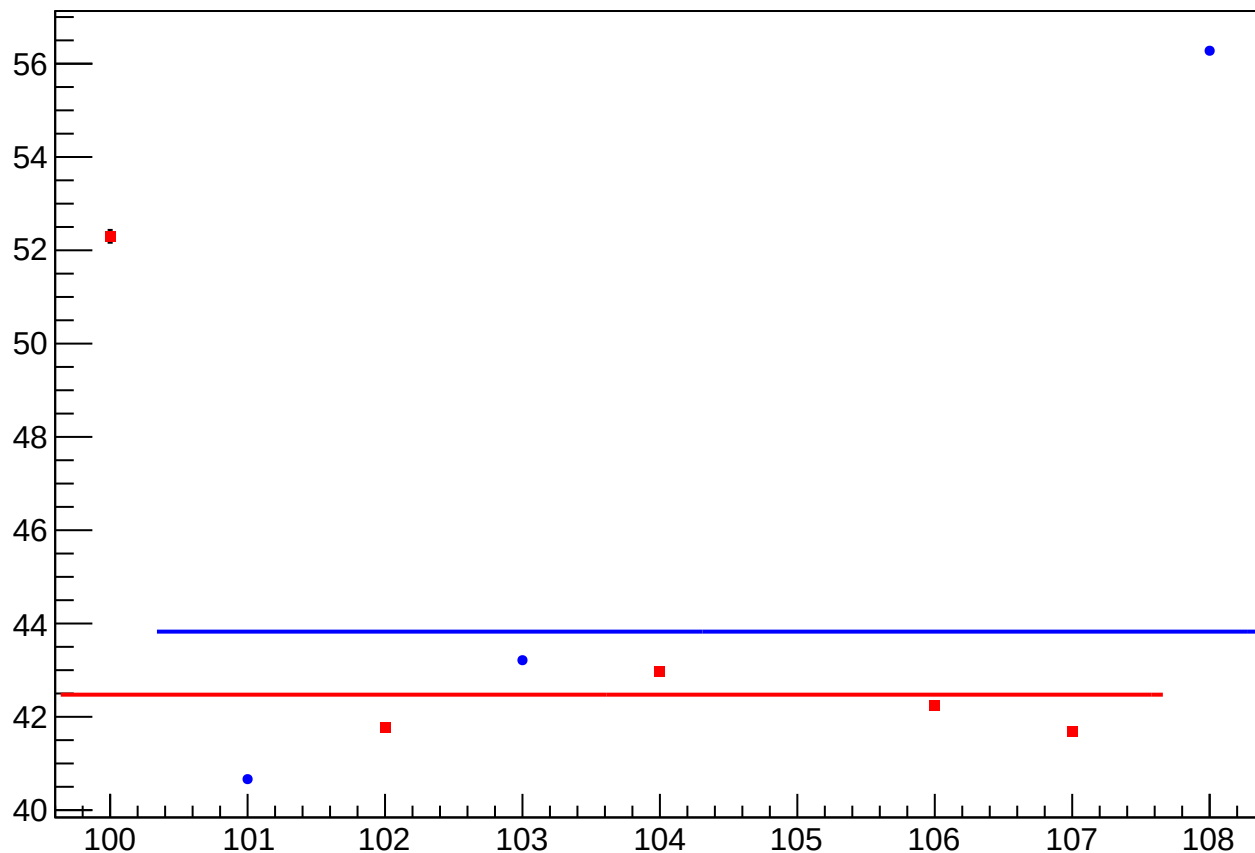
Right: 109.877+/-23.759 χ^2/NDF : 9.4/7

In: 112.809+/-34.694 χ^2/NDF : 1.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.877+/-23.759 χ^2/NDF : 9.4/7

eigen_cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 43.826+/-0.025 χ^2/NDF : 43864.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.475+/-0.023 χ^2/NDF : 5799.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

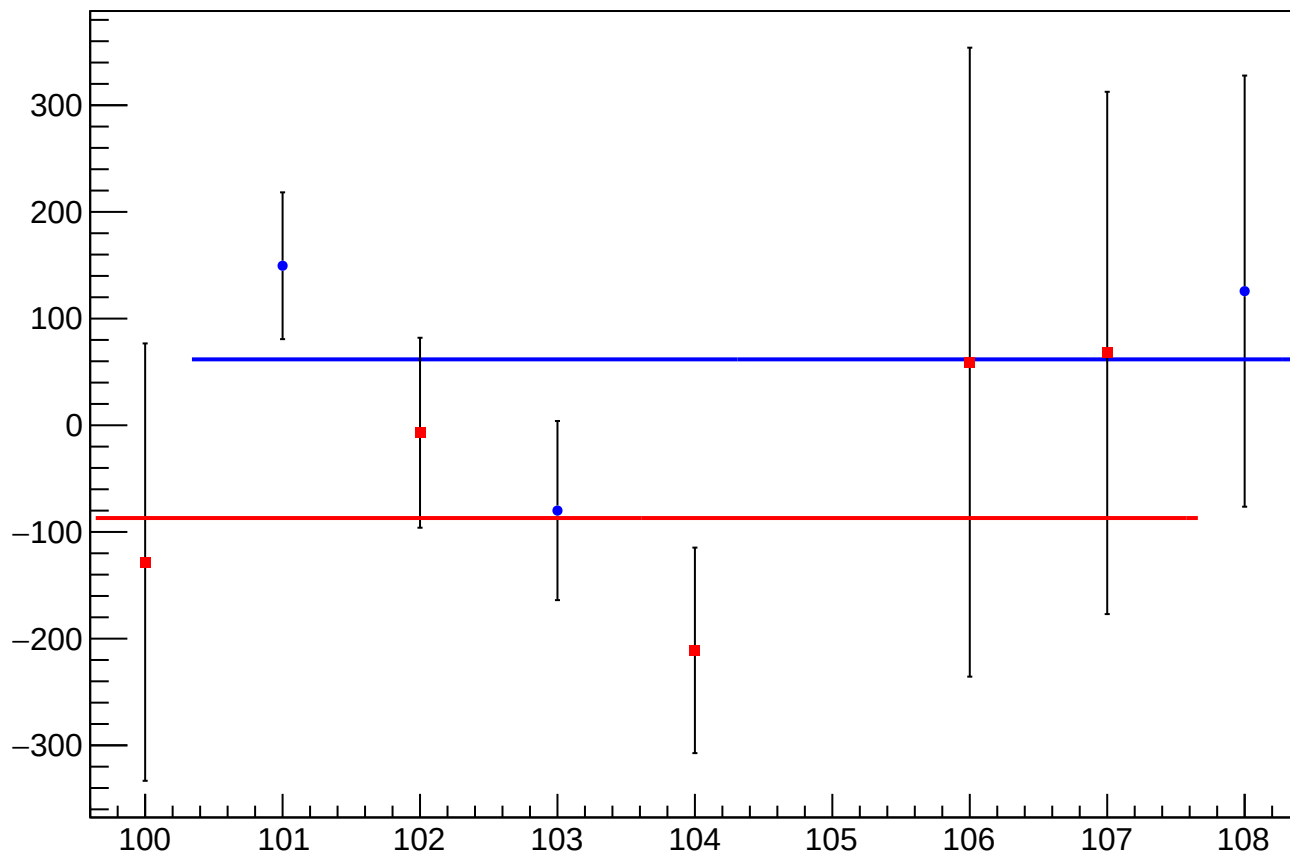
Right: 43.109+/-0.017 χ^2/NDF : 51275.5/7

In: 43.826+/-0.025 χ^2/NDF : 43864.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.109+/-0.017 χ^2/NDF : 51275.5/7

asym_sam_15_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 61.782 $\pm$ 51.460 χ^2 /NDF: 4.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -86.949 $\pm$ 59.139 χ^2 /NDF: 3.2/4

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

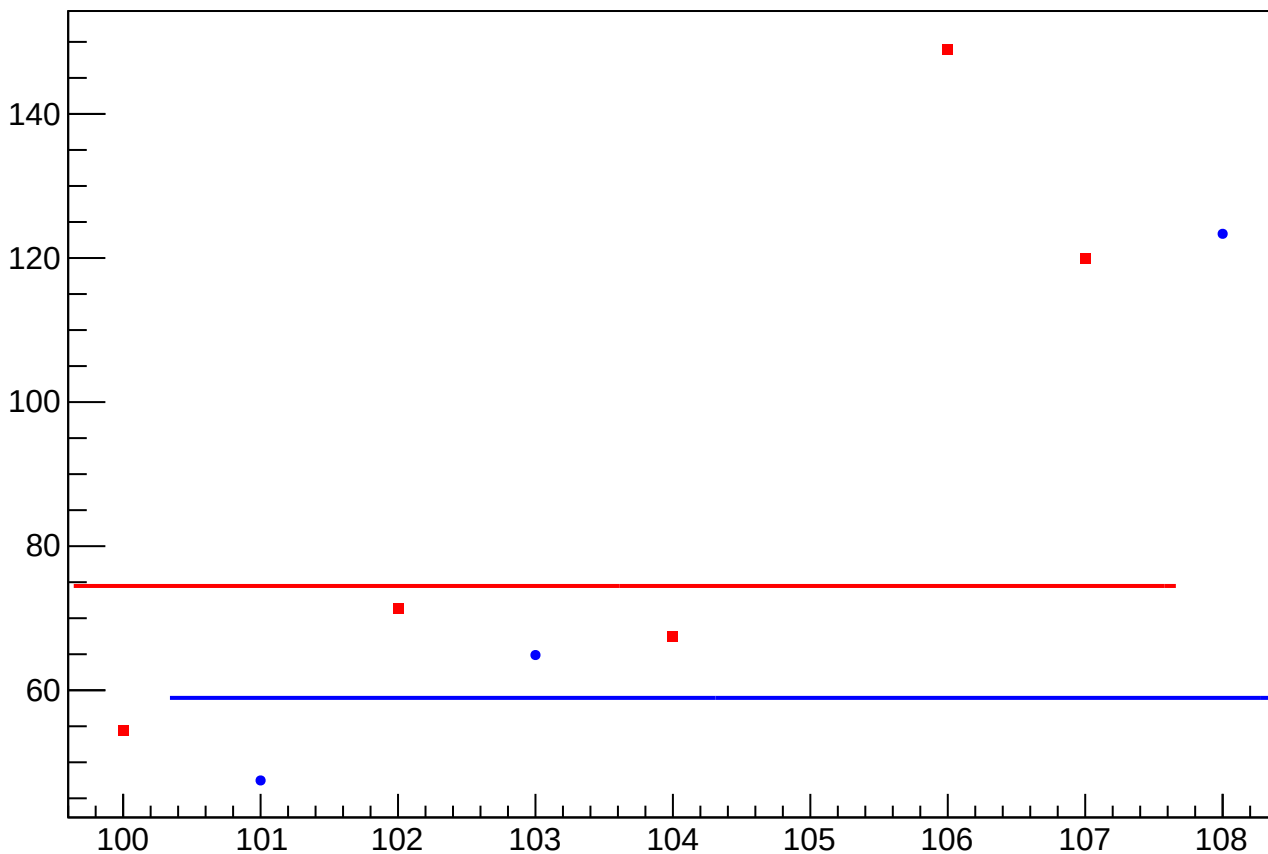
Right: -2.306 $\pm$ 38.821 χ^2 /NDF: 11.3/7

In: 61.782 $\pm$ 51.460 χ^2 /NDF:4.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.306 $\pm$ 38.821 χ^2 /NDF: 11.3/7

asym_sam_15_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 58.942 $\pm$ 0.036 χ^2 /NDF: 268818.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 74.477 $\pm$ 0.042 χ^2 /NDF: 228972.3/4

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

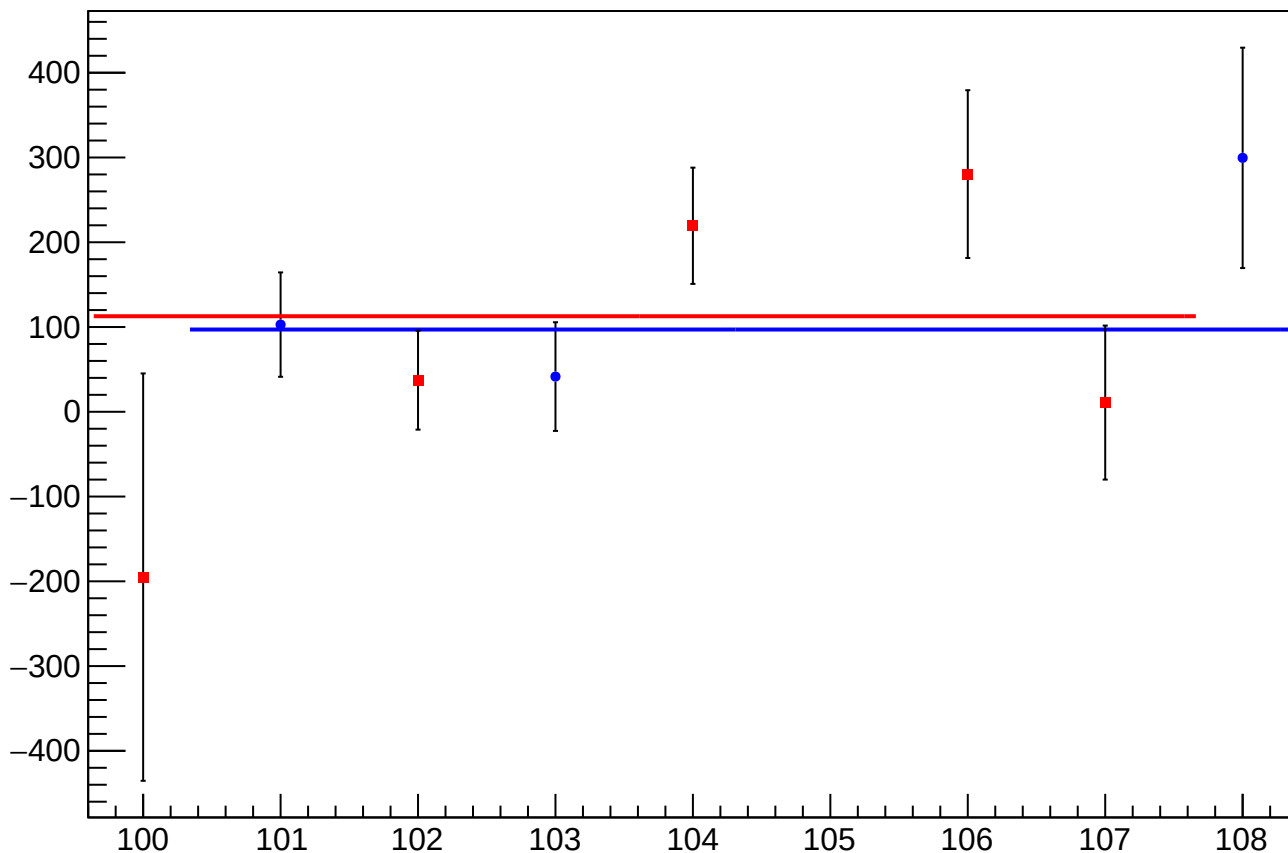
Right: 65.636 $\pm$ 0.027 χ^2 /NDF: 576331.9/7

In: 58.942 $\pm$ 0.036 χ^2 /NDF:268818.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 65.636 $\pm$ 0.027 χ^2 /NDF: 576331.9/7

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 97.052 $\pm$ 42.018 χ^2 /NDF: 3.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 112.751 $\pm$ 36.598 χ^2 /NDF: 9.9/4

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

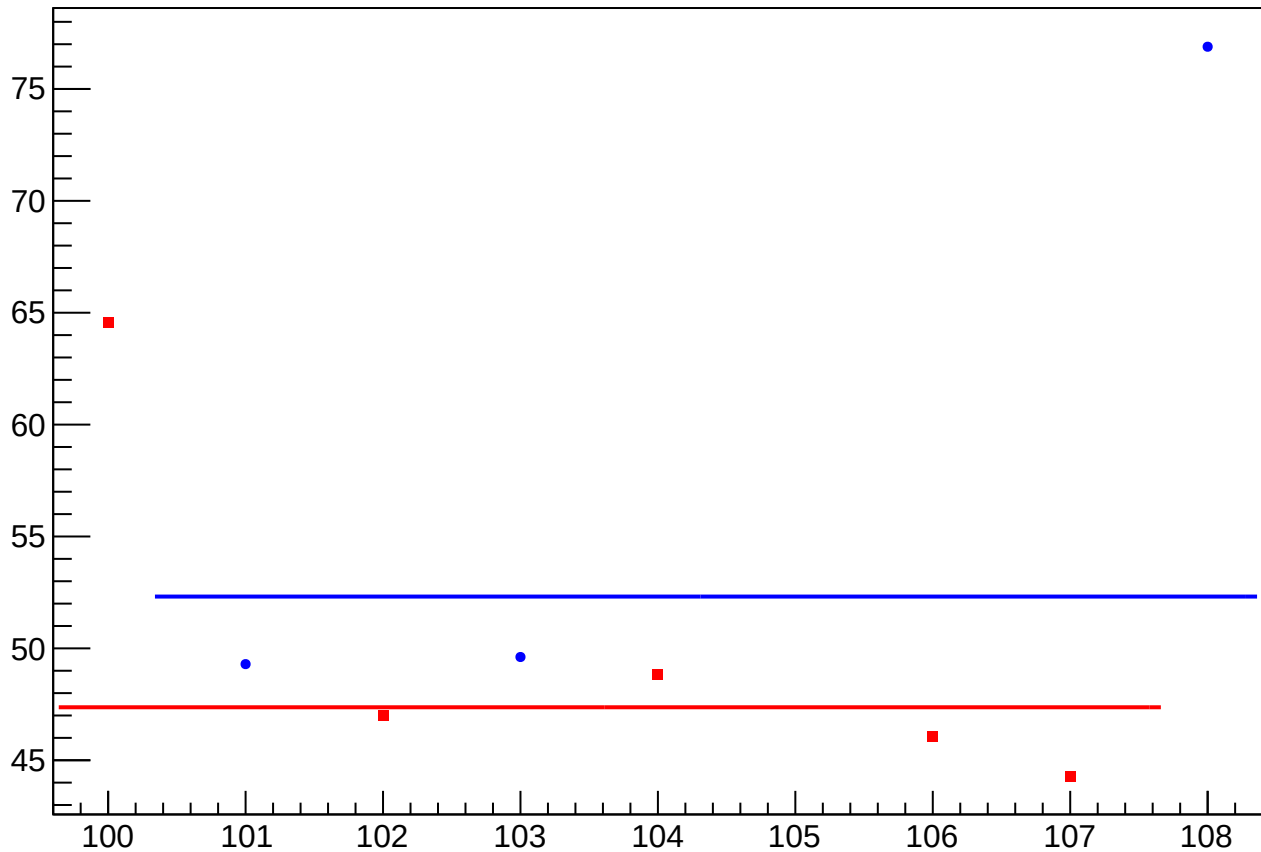
Right: 105.979 $\pm$ 27.597 χ^2 /NDF: 13.1/7

In: 97.052 $\pm$ 42.018 χ^2 /NDF:3.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 105.979 $\pm$ 27.597 χ^2 /NDF: 13.1/7

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 52.315 $\pm$ 0.030 χ^2 /NDF: 79814.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 47.368 $\pm$ 0.026 χ^2 /NDF: 13910.9/4

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

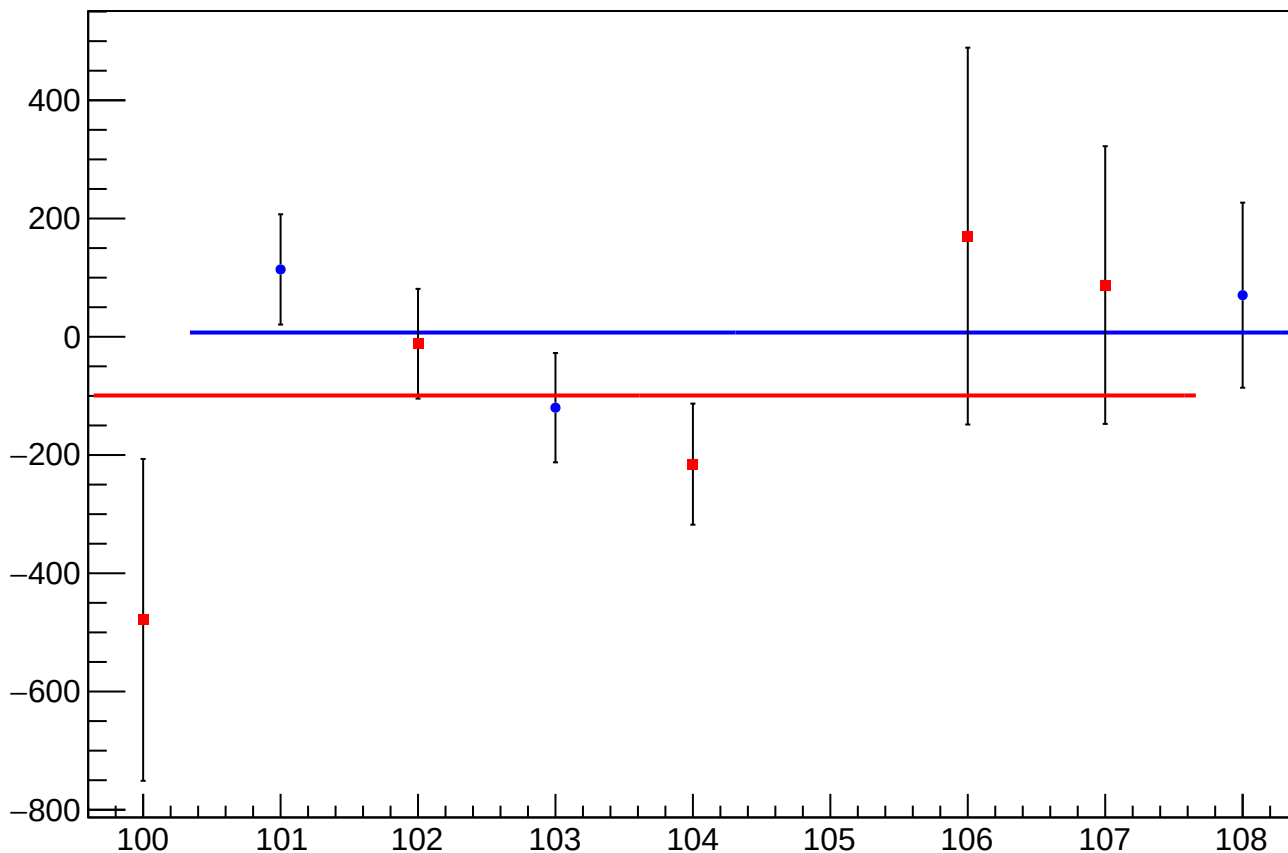
Right: 49.502 $\pm$ 0.020 χ^2 /NDF: 109492.7/7

In: 52.315 $\pm$ 0.030 χ^2 /NDF: 79814.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 49.502 $\pm$ 0.020 χ^2 /NDF: 109492.7/7

asym_sam_15_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 7.166+/-60.556 χ^2/NDF : 3.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -99.258+/-62.875 χ^2/NDF : 5.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

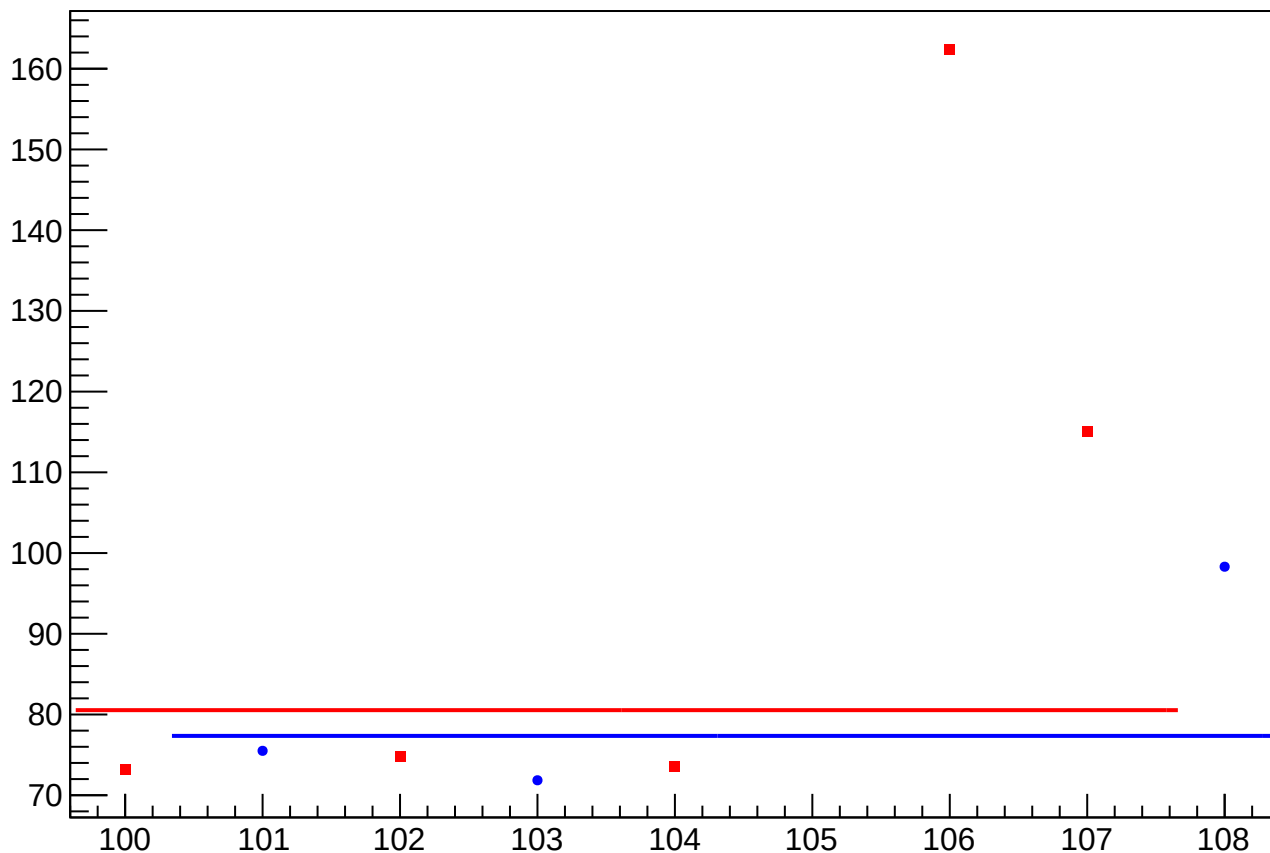
Right: -44.047+/-43.616 χ^2/NDF : 10.3/7

In: 7.166+/-60.556 χ^2/NDF : 3.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.047+/-43.616 χ^2/NDF : 10.3/7

asym_sam_15_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 77.350+/-0.043 χ^2/NDF : 43709.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.539+/-0.044 χ^2/NDF : 193701.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

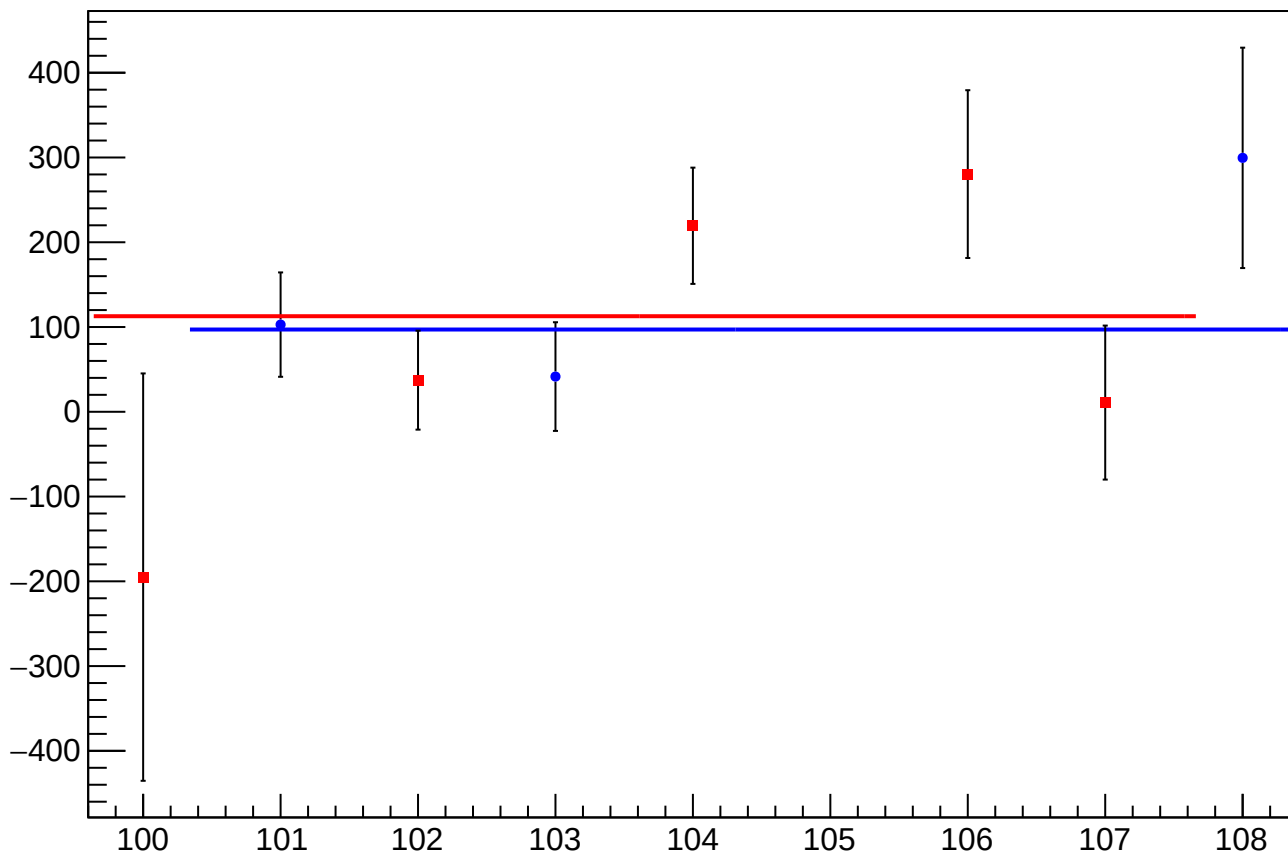
Right: 78.885+/-0.031 χ^2/NDF : 240078.6/7

In: 77.350+/-0.043 χ^2/NDF : 43709.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.885+/-0.031 χ^2/NDF : 240078.6/7

eigen_dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 97.052 $\pm$ 42.018 χ^2 /NDF: 3.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 112.751 $\pm$ 36.598 χ^2 /NDF: 9.9/4

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

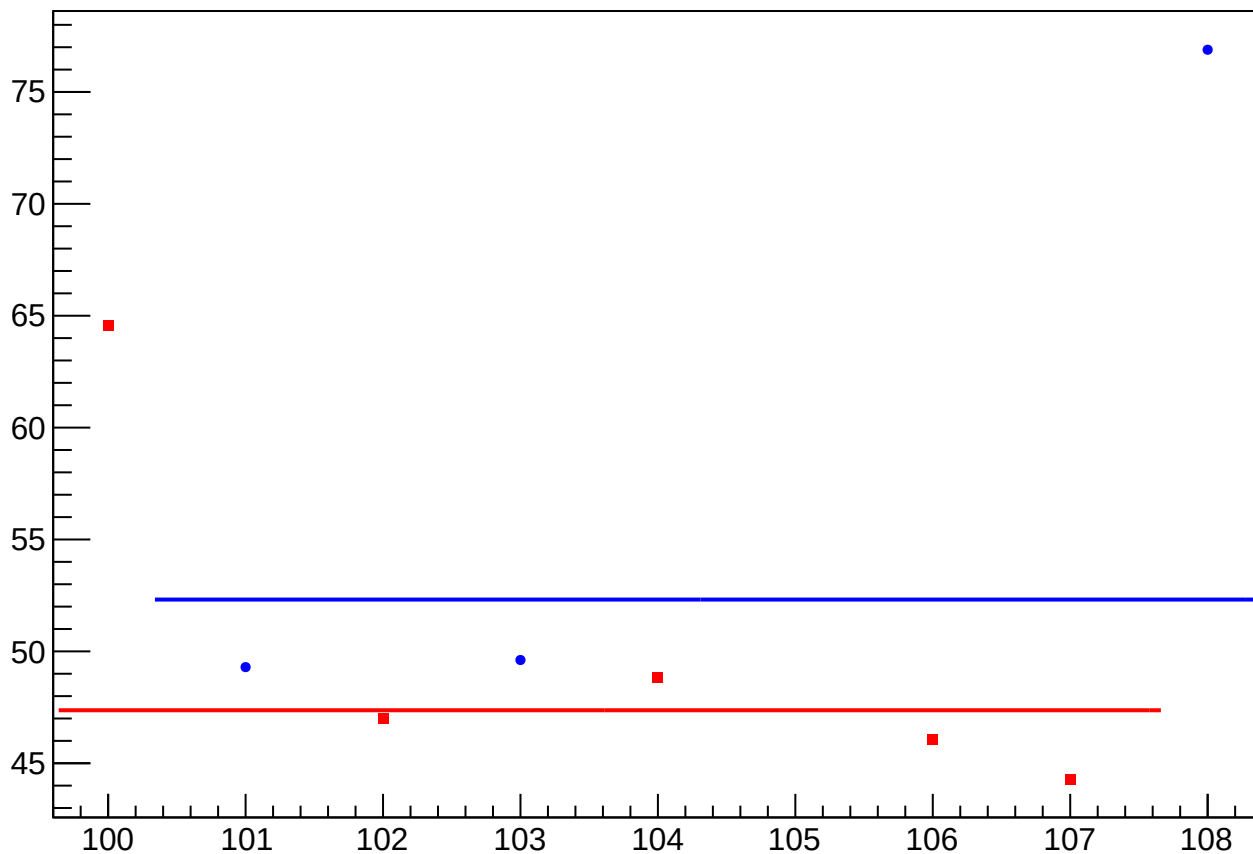
Right: 105.979 $\pm$ 27.597 χ^2 /NDF: 13.1/7

In: 97.052 $\pm$ 42.018 χ^2 /NDF: 3.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 105.979 $\pm$ 27.597 χ^2 /NDF: 13.1/7

eigen_dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 52.315 $\pm$ 0.030 χ^2 /NDF: 79815.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 47.368 $\pm$ 0.026 χ^2 /NDF: 13911.0/4

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

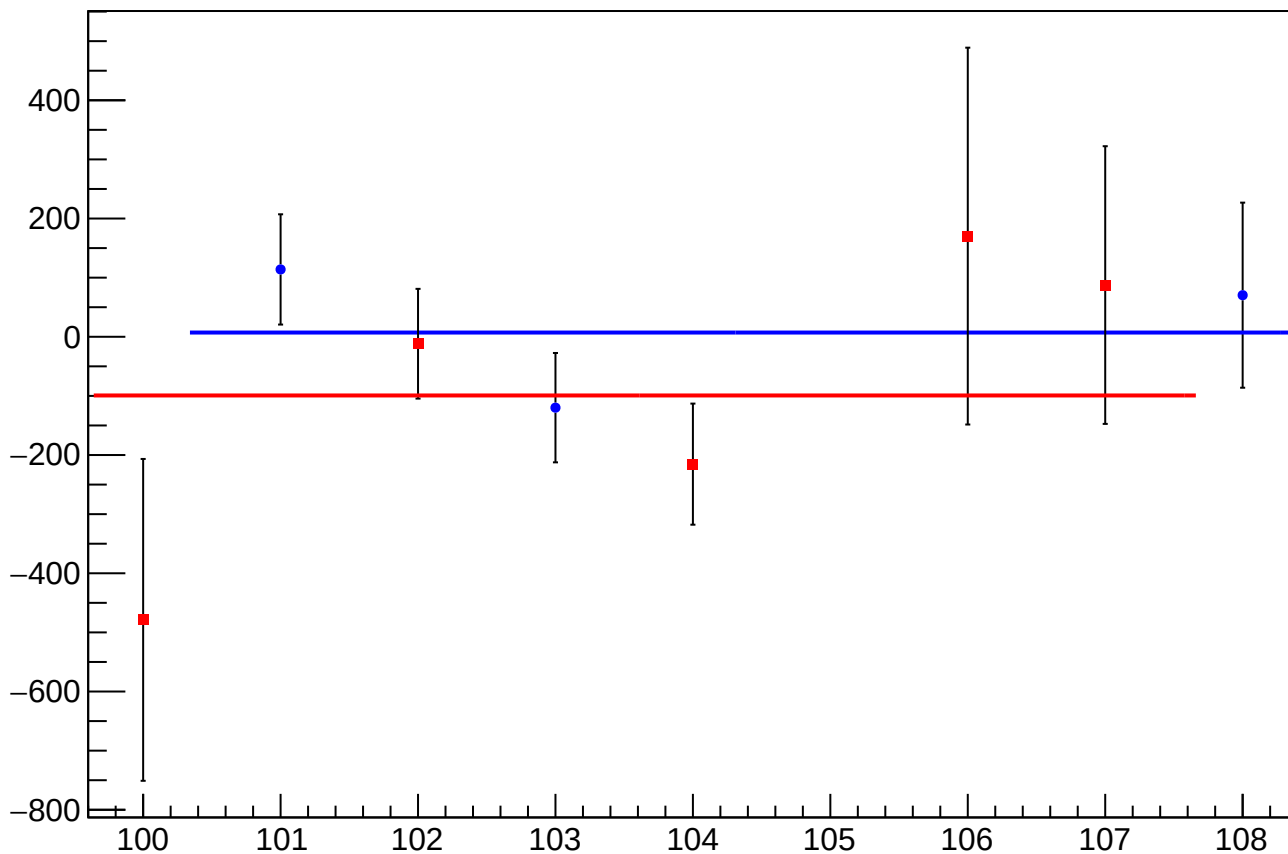
Right: 49.502 $\pm$ 0.020 χ^2 /NDF: 109493.1/7

In: 52.315 $\pm$ 0.030 χ^2 /NDF: 79815.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 49.502 $\pm$ 0.020 χ^2 /NDF: 109493.1/7

asym_sam_15_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 7.166+/-60.556 χ^2/NDF : 3.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -99.257+/-62.875 χ^2/NDF : 5.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

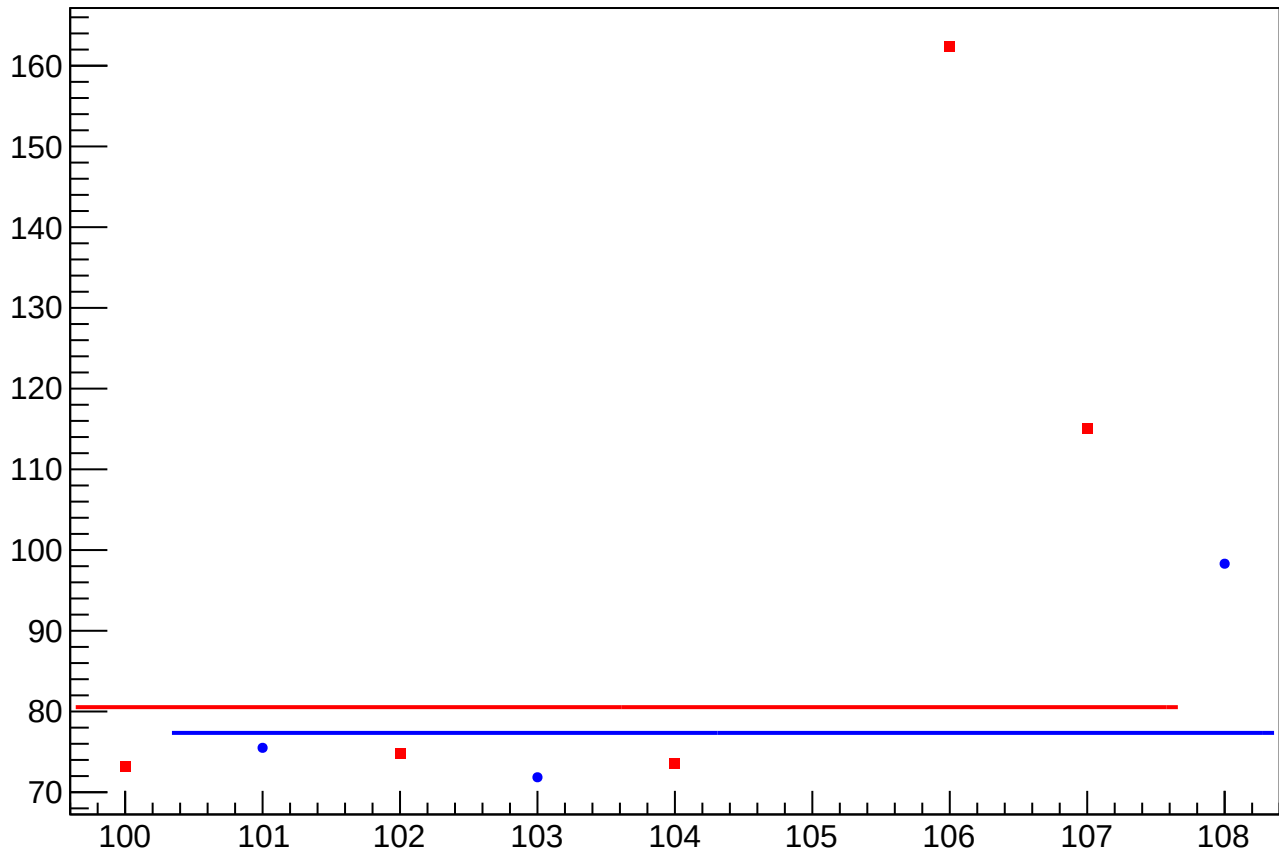
Right: -44.047+/-43.616 χ^2/NDF : 10.3/7

In: 7.166+/-60.556 χ^2/NDF : 3.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.047+/-43.616 χ^2/NDF : 10.3/7

asym_sam_15_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 77.350+/-0.043 χ^2/NDF : 43711.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.538+/-0.044 χ^2/NDF : 193704.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

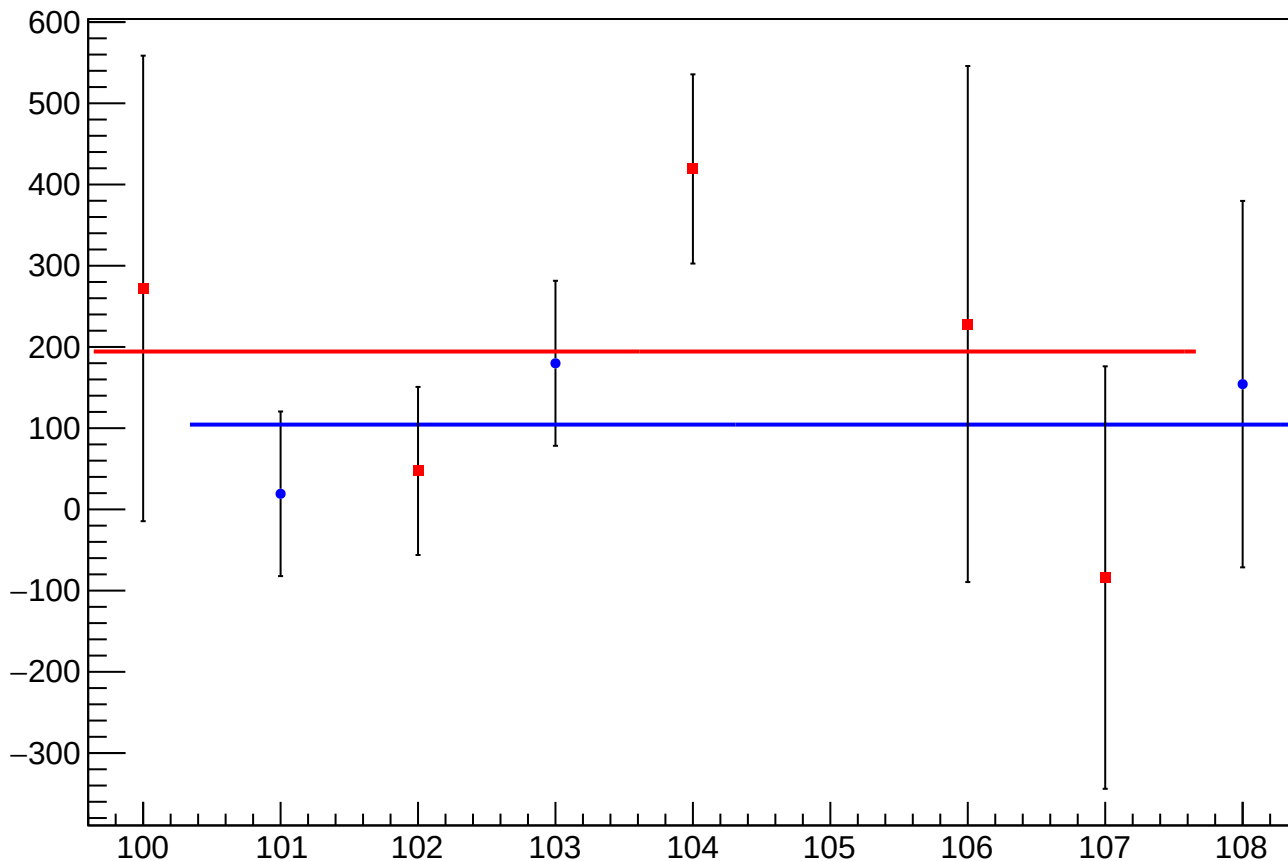
Right: 78.884+/-0.031 χ^2/NDF : 240083.1/7

In: 77.350+/-0.043 χ^2/NDF : 43711.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.884+/-0.031 χ^2/NDF : 240083.1/7

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 104.401 $\pm$ 68.371 χ^2 /NDF: 1.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 194.397 $\pm$ 70.018 χ^2 /NDF: 7.0/4

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

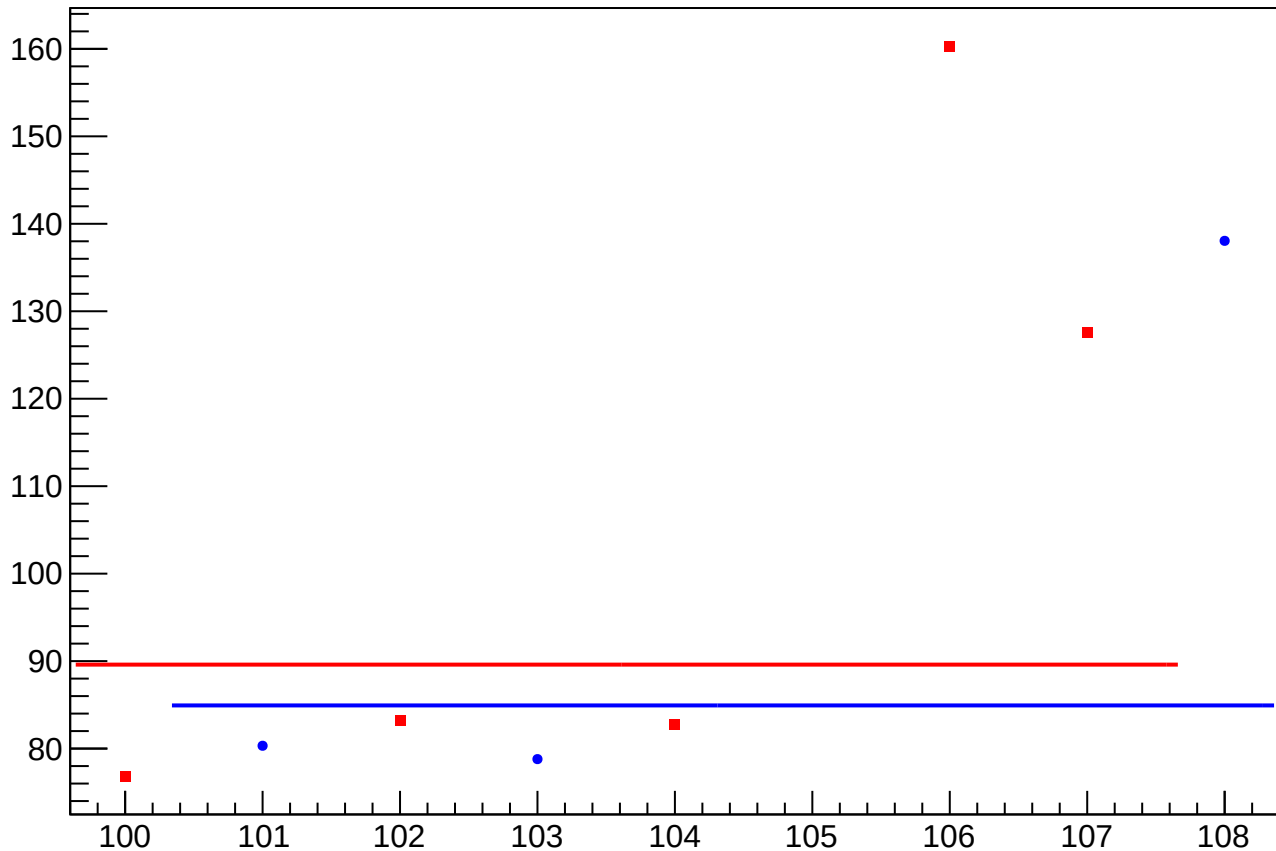
Right: 148.327 $\pm$ 48.918 χ^2 /NDF: 9.1/7

In: 104.401 $\pm$ 68.371 χ^2 /NDF: 1.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 148.327 $\pm$ 48.918 χ^2 /NDF: 9.1/7

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 84.933+/-0.048 χ^2/NDF : 122331.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.598+/-0.050 χ^2/NDF : 160040.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

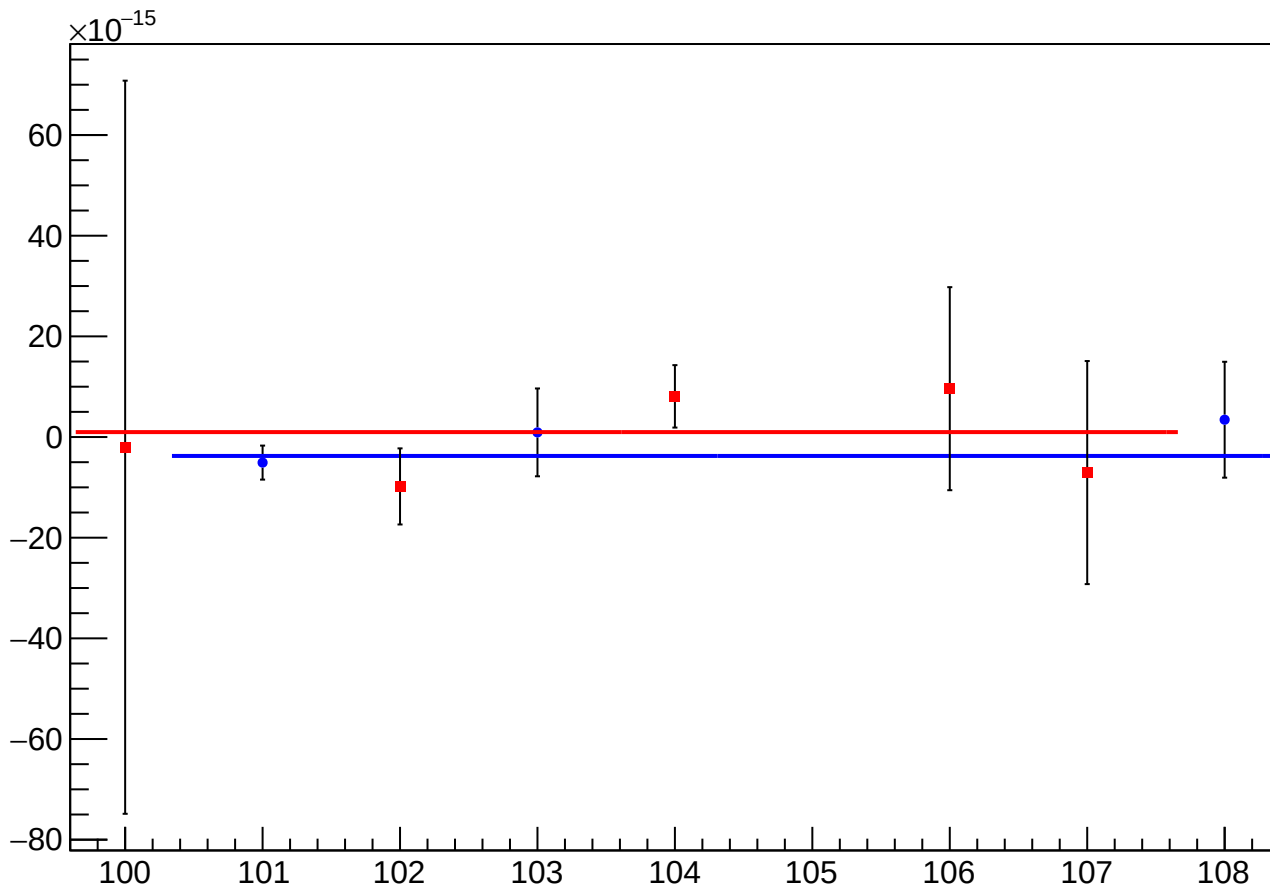
Right: 87.210+/-0.035 χ^2/NDF : 286917.5/7

In: 84.933+/-0.048 χ^2/NDF : 122331.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.210+/-0.035 χ^2/NDF : 286917.5/7

asym_sam_15_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.8/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 3.7/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

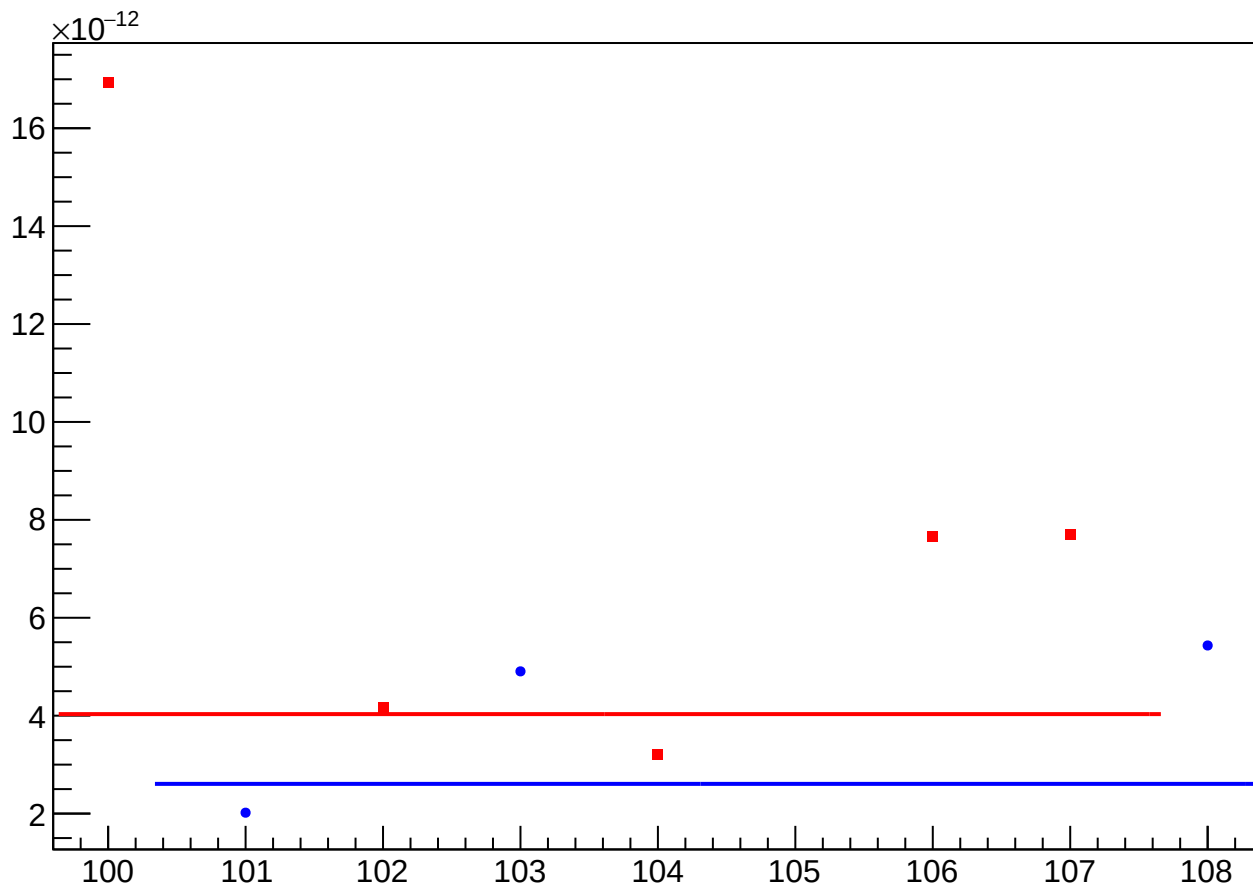
Right: -0.000+/-0.000 χ^2 /NDF: 5.2/7

In: -0.000+/-0.000 χ^2 /NDF:0.8/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 5.2/7

asym_sam_15_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 319974.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 217944.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

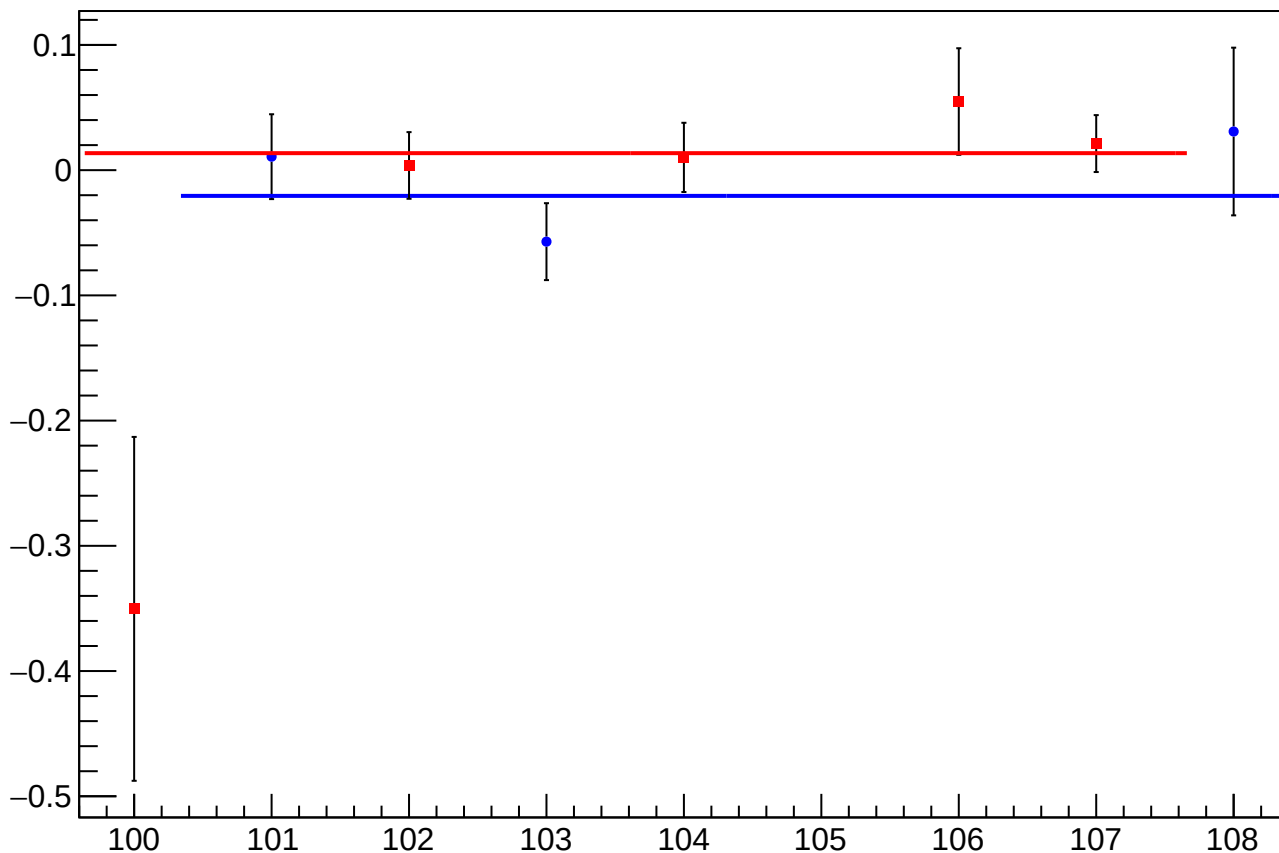
Right: 0.000+/-0.000 χ^2/NDF : 673333.9/7

In: 0.000+/-0.000 χ^2/NDF : 319974.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 673333.9/7

asym_sam_15_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 $\pm$ 0.022 χ^2 /NDF: 2.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.014 $\pm$ 0.014 χ^2 /NDF: 8.2/4

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

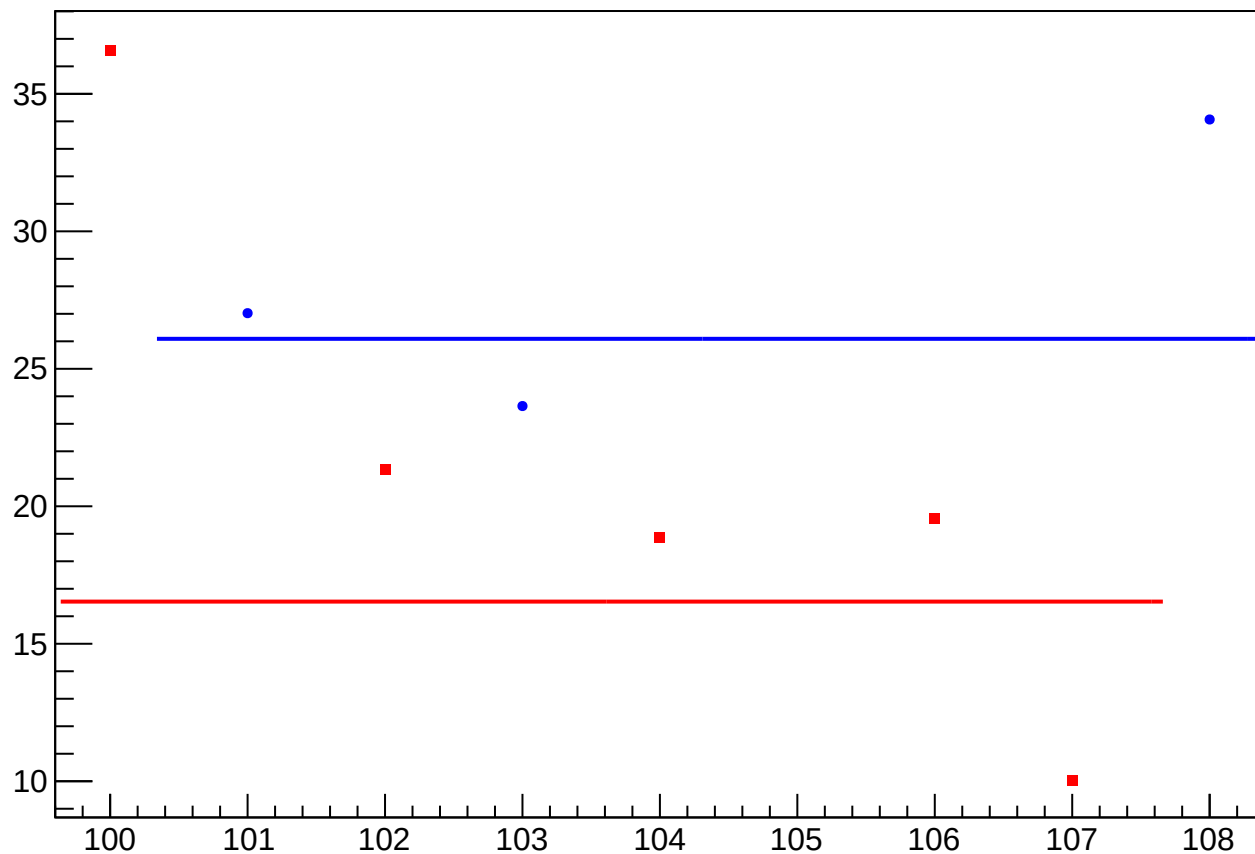
Right: 0.004 $\pm$ 0.012 χ^2 /NDF: 12.9/7

In: -0.021 $\pm$ 0.022 χ^2 /NDF:2.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.004 $\pm$ 0.012 χ^2 /NDF: 12.9/7

asym_sam_15_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.091+/-0.015 χ^2/NDF : 42576.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.534+/-0.010 χ^2/NDF : 296088.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

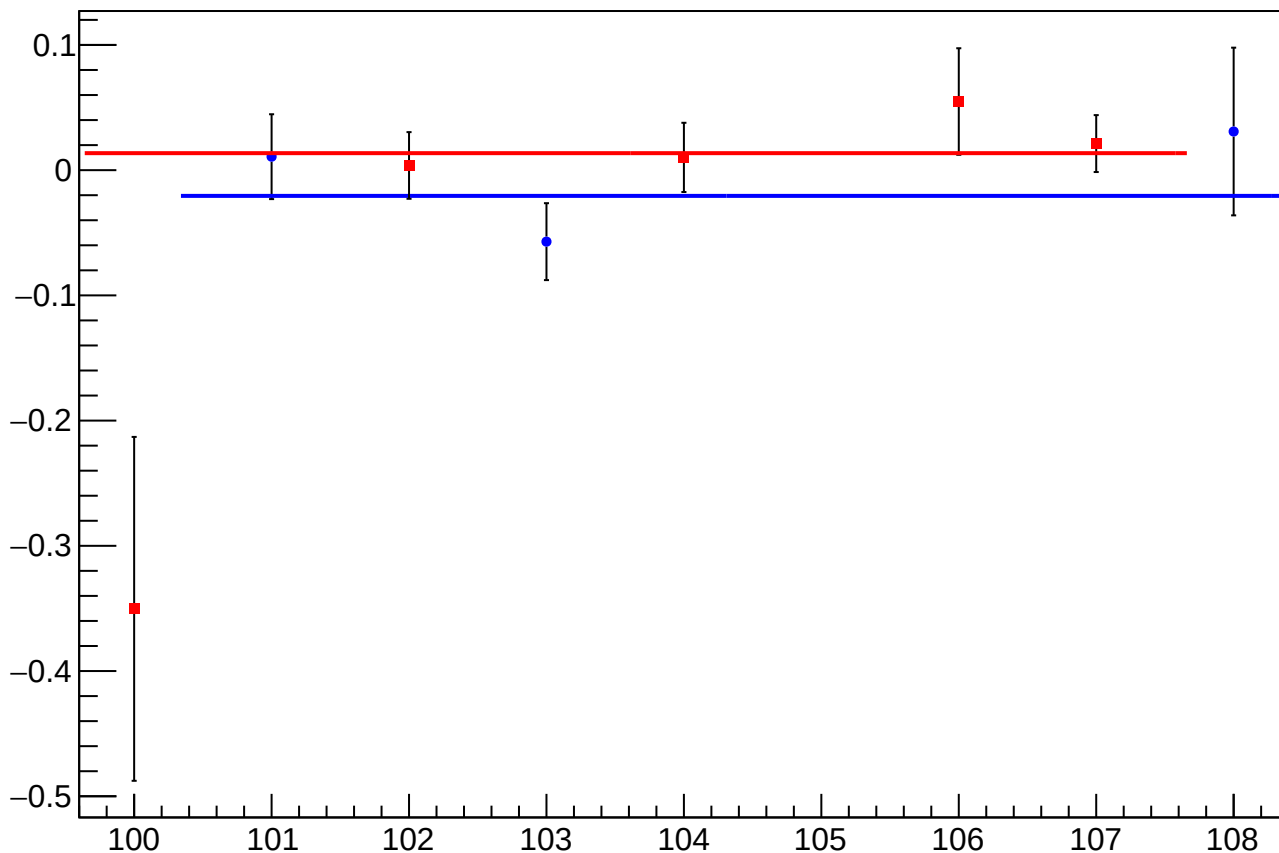
Right: 19.310+/-0.008 χ^2/NDF : 617878.0/7

In: 26.091+/-0.015 χ^2/NDF : 42576.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.310+/-0.008 χ^2/NDF : 617878.0/7

asym_sam_15_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 $\pm$ 0.022 χ^2 /NDF: 2.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.014 $\pm$ 0.014 χ^2 /NDF: 8.2/4

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

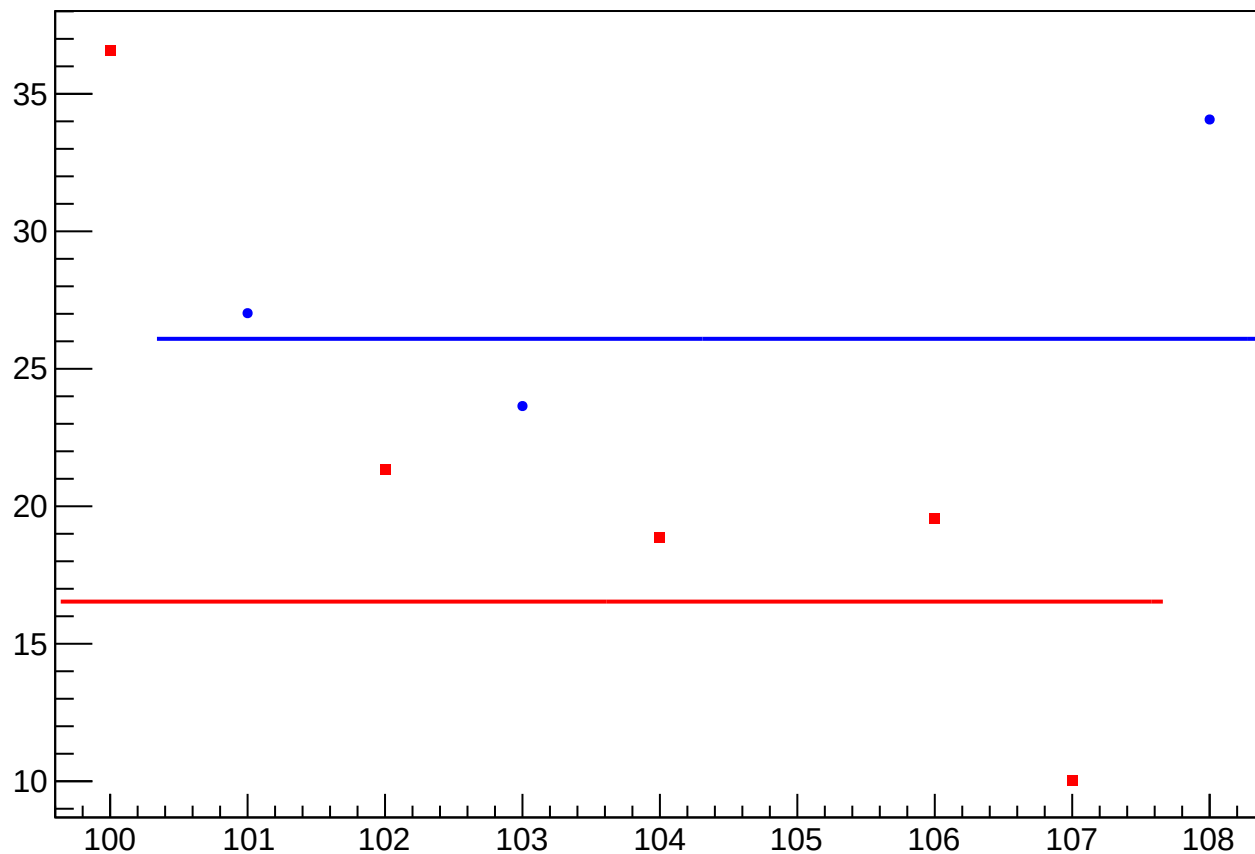
Right: 0.004 $\pm$ 0.012 χ^2 /NDF: 12.9/7

In: -0.021 $\pm$ 0.022 χ^2 /NDF:2.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.004 $\pm$ 0.012 χ^2 /NDF: 12.9/7

asym_sam_15_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.091+/-0.015 χ^2/NDF : 42576.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.534+/-0.010 χ^2/NDF : 296088.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

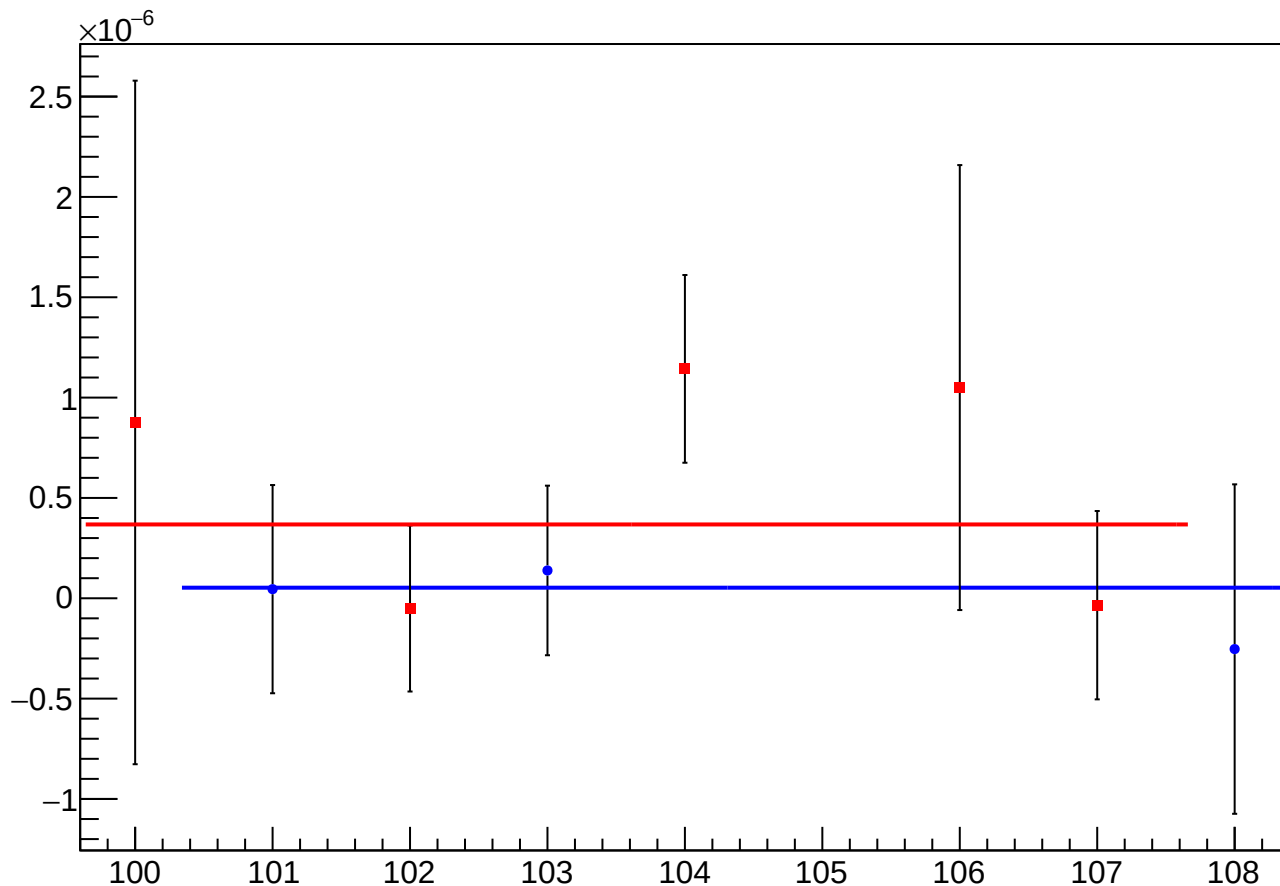
Right: 19.310+/-0.008 χ^2/NDF : 617878.0/7

In: 26.091+/-0.015 χ^2/NDF : 42576.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.310+/-0.008 χ^2/NDF : 617878.0/7

asym_sam_15_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

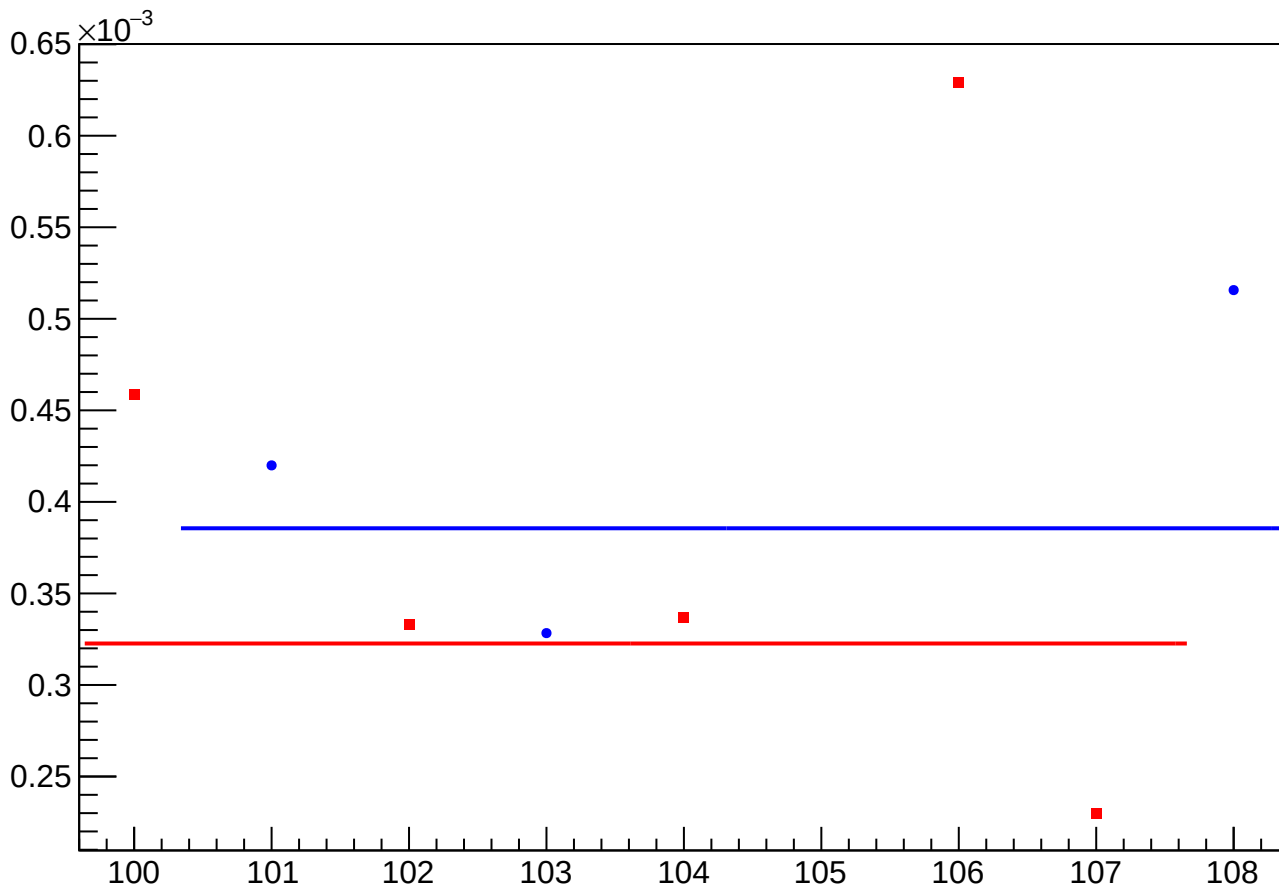
Right: 0.000+/-0.000 χ^2/NDF : 5.8/7

In: 0.000+/-0.000 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5.8/7

asym_sam_15_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 95724.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 246748.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

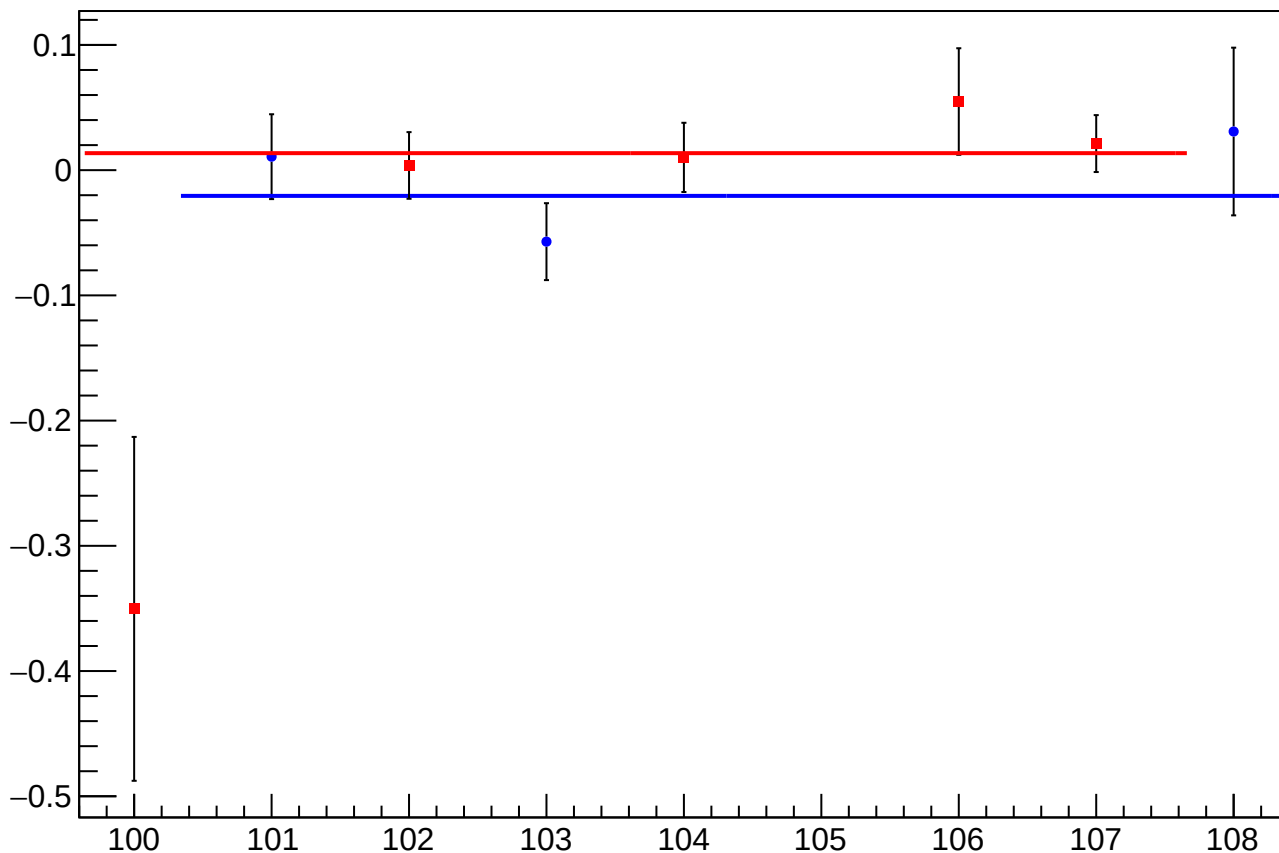
Right: 0.000+/-0.000 χ^2/NDF : 393693.8/7

In: 0.000+/-0.000 χ^2/NDF : 95724.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 393693.8/7

asym_sam_15_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 ± 0.022 χ^2/NDF : 2.9/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.014 ± 0.014 χ^2/NDF : 8.2/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

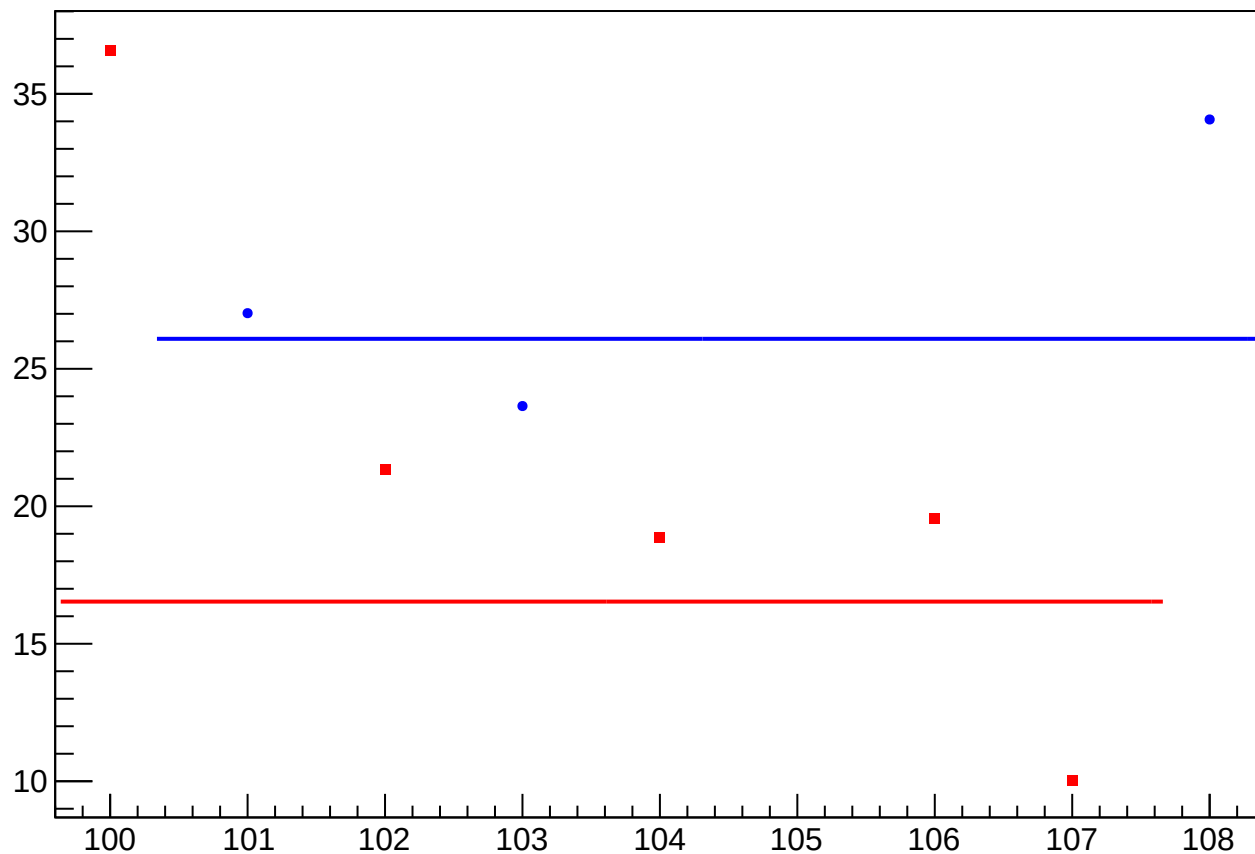
Right: 0.004 ± 0.012 χ^2/NDF : 12.9/7

In: -0.021 ± 0.022 χ^2/NDF : 2.9/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.004 ± 0.012 χ^2/NDF : 12.9/7

asym_sam_15_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.091+/-0.015 χ^2/NDF : 42579.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.533+/-0.010 χ^2/NDF : 296100.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

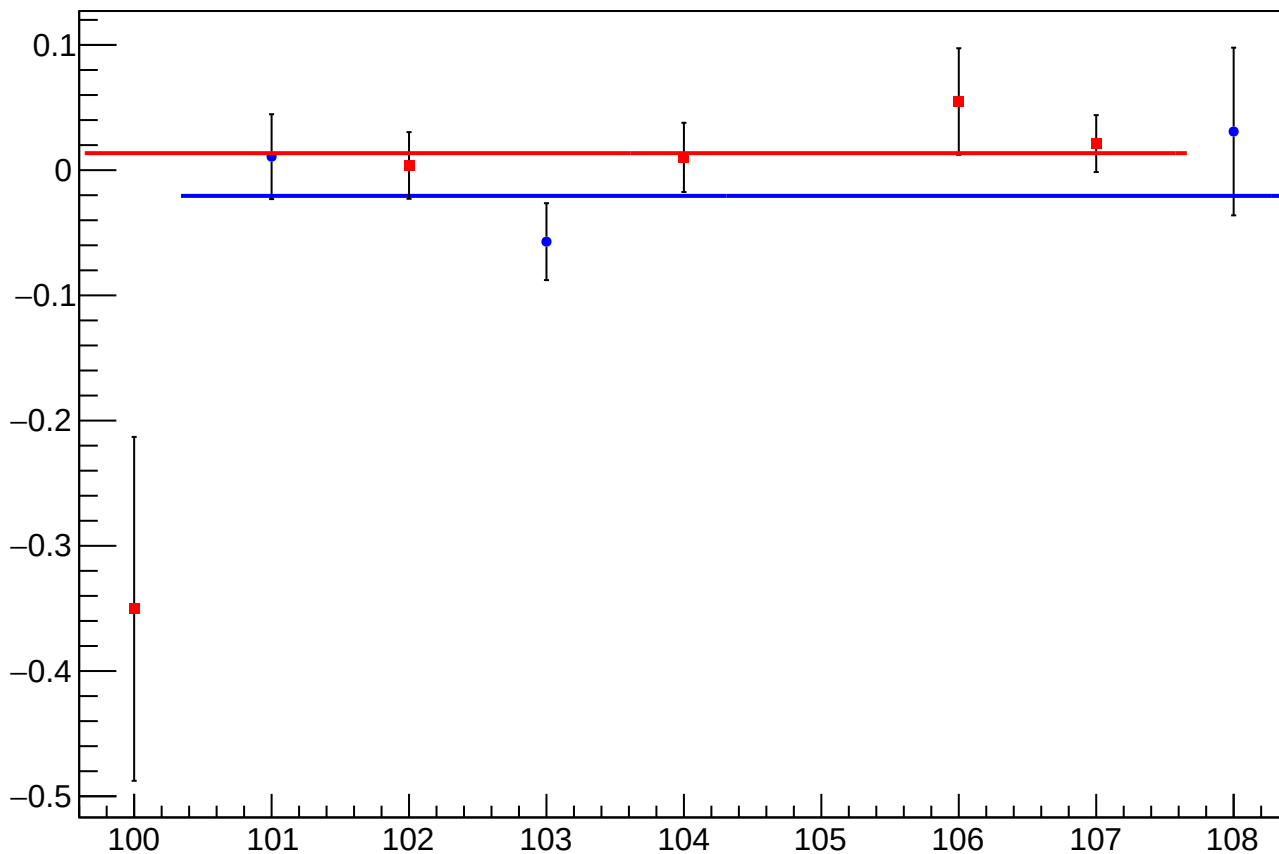
Right: 19.310+/-0.008 χ^2/NDF : 617898.3/7

In: 26.091+/-0.015 χ^2/NDF : 42579.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.310+/-0.008 χ^2/NDF : 617898.3/7

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 $\pm$ 0.022 χ^2 /NDF: 2.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.014 $\pm$ 0.014 χ^2 /NDF: 8.2/4

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

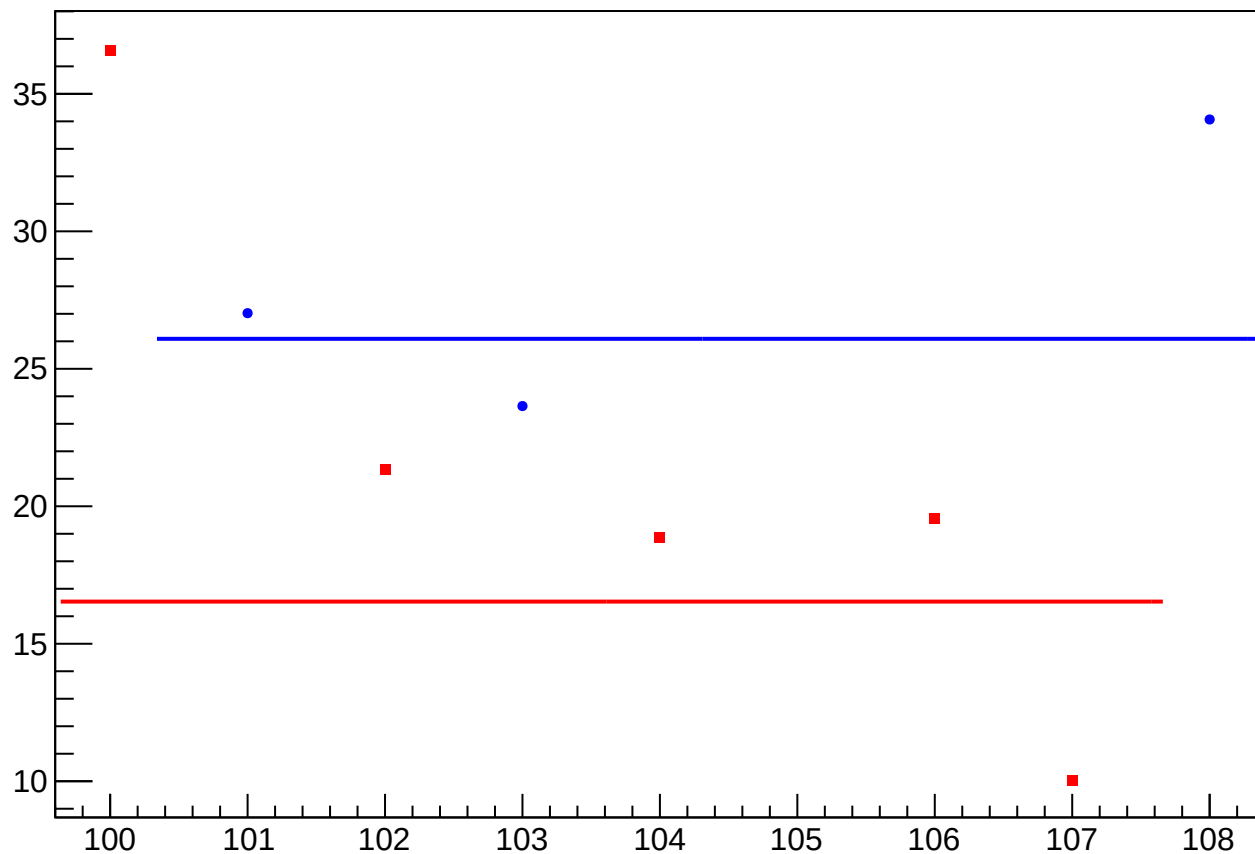
Right: 0.004 $\pm$ 0.012 χ^2 /NDF: 12.9/7

In: -0.021 $\pm$ 0.022 χ^2 /NDF: 2.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.012 χ^2 /NDF: 12.9/7

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.091+/-0.015 χ^2/NDF : 42579.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.533+/-0.010 χ^2/NDF : 296100.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

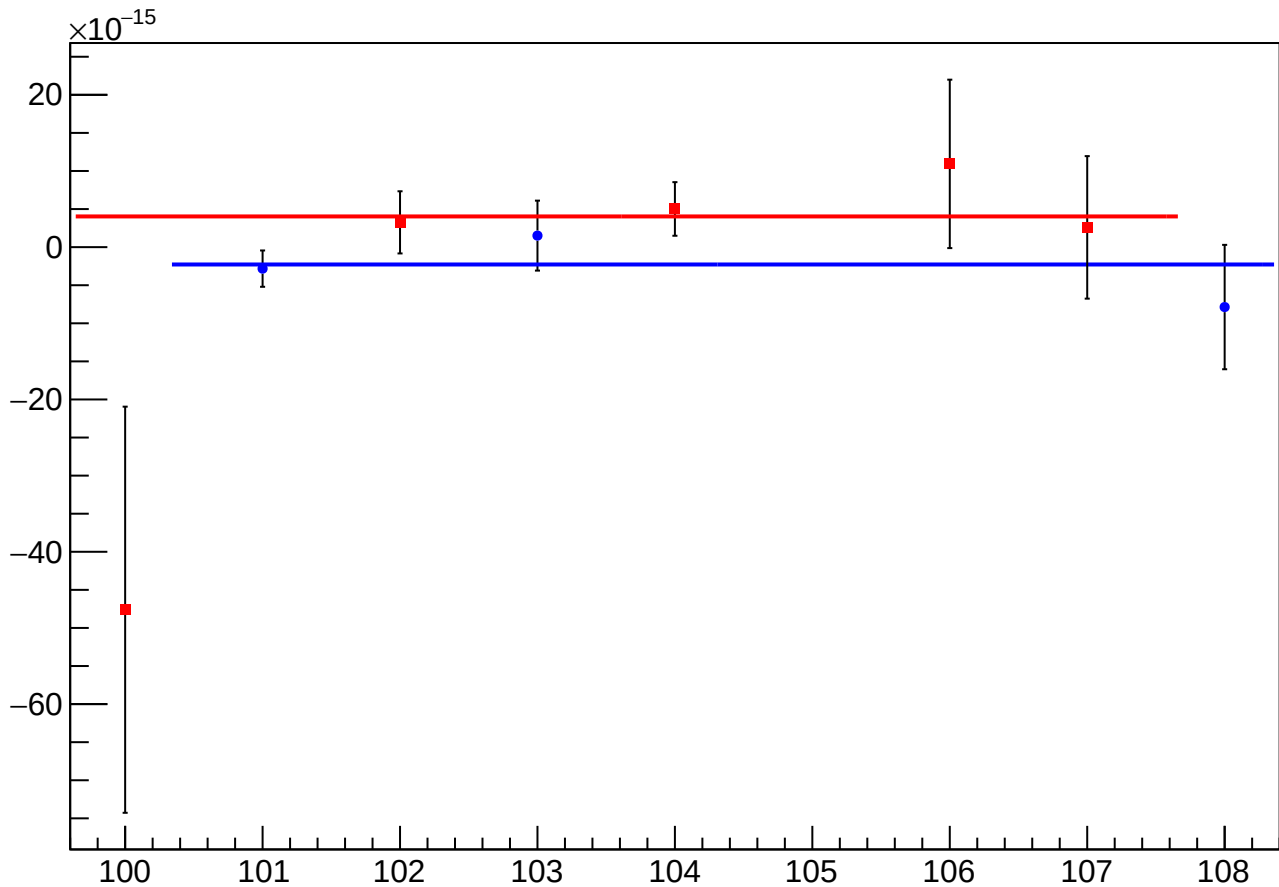
Right: 19.310+/-0.008 χ^2/NDF : 617898.3/7

In: 26.091+/-0.015 χ^2/NDF : 42579.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.310+/-0.008 χ^2/NDF : 617898.3/7

asym_sam_15_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 1.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 4.3/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

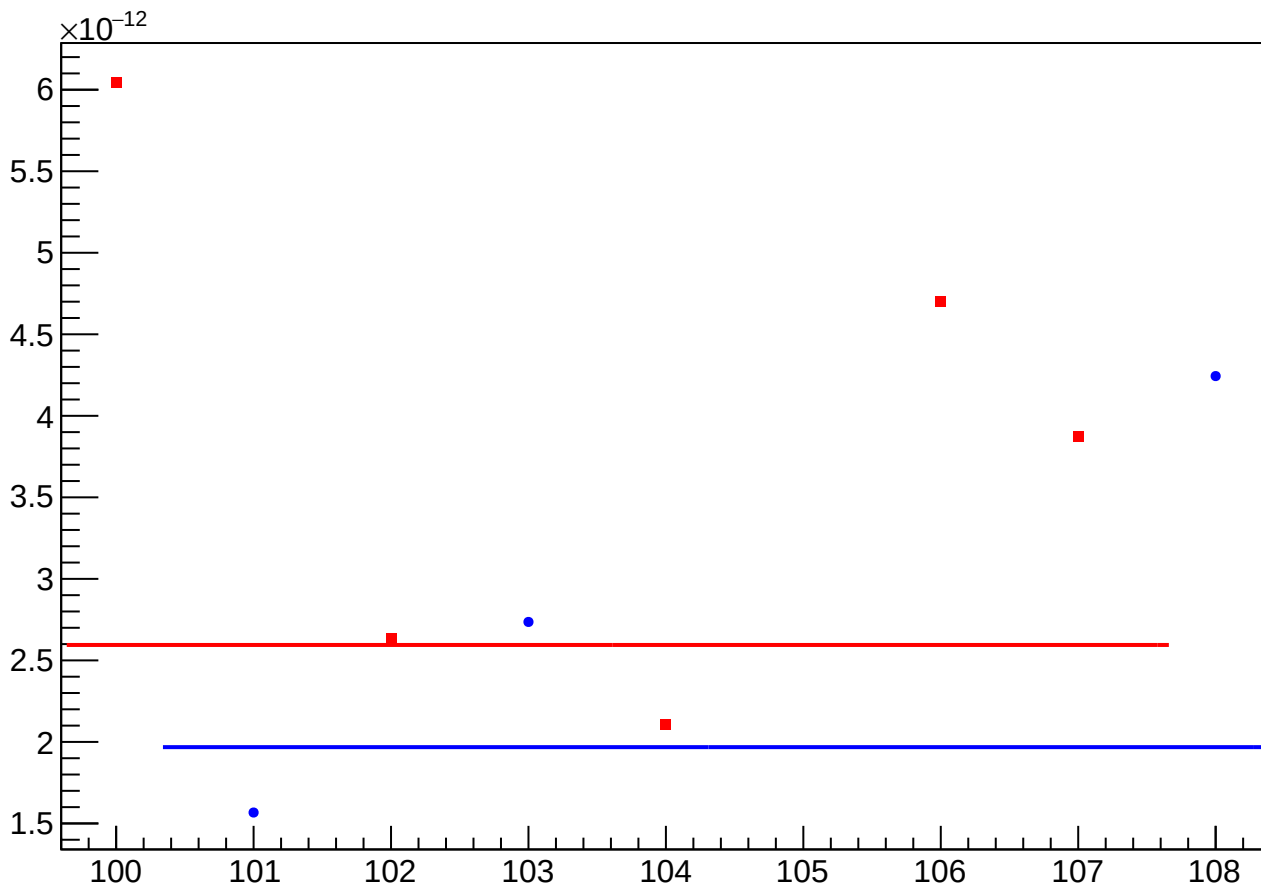
Right: 0.000+/-0.000 χ^2 /NDF: 9.3/7

In: -0.000+/-0.000 χ^2 /NDF:1.2/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 9.3/7

asym_sam_15_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 267814.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 181528.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

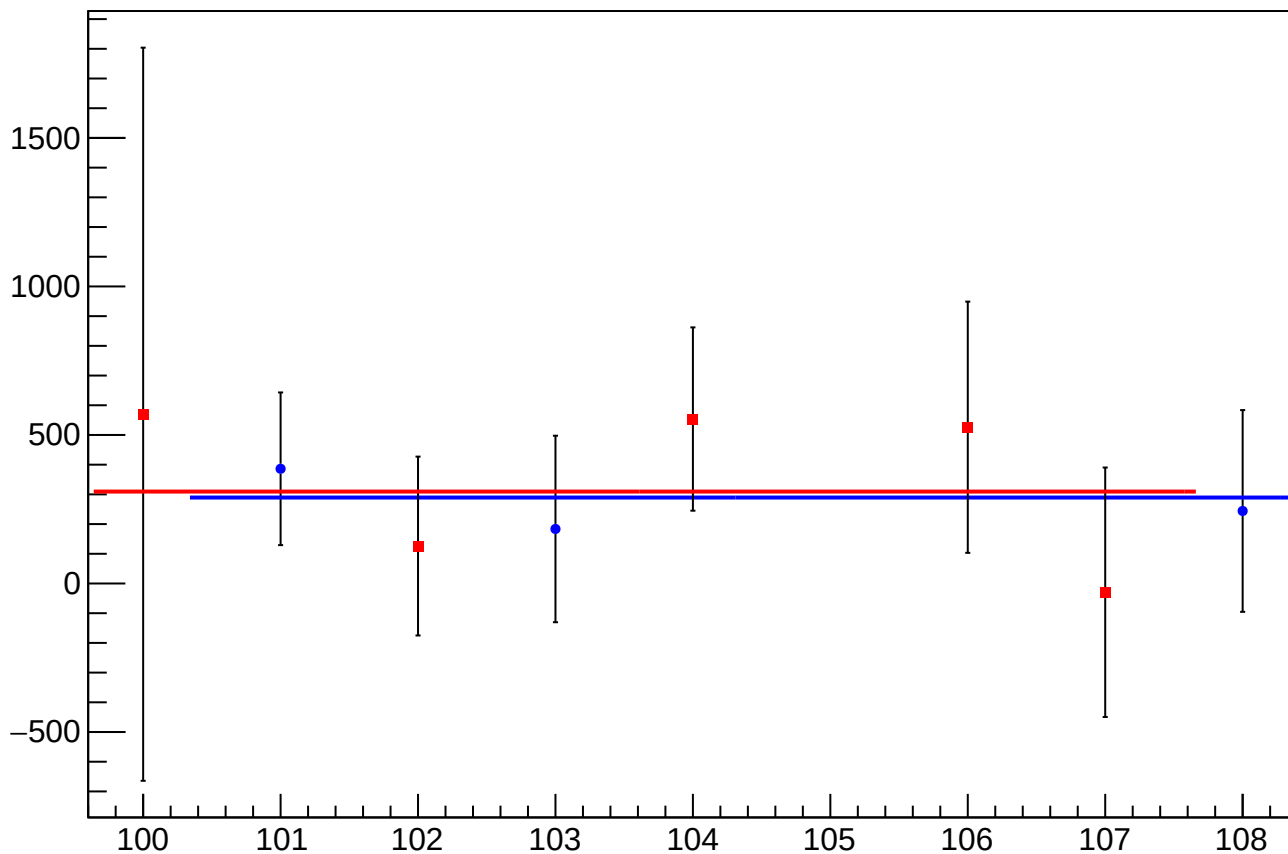
Right: 0.000+/-0.000 χ^2/NDF : 525029.7/7

In: 0.000+/-0.000 χ^2/NDF : 267814.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 525029.7/7

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 289.361 $\pm$ 171.603 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 309.460 $\pm$ 172.883 χ^2 /NDF: 2.0/4

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

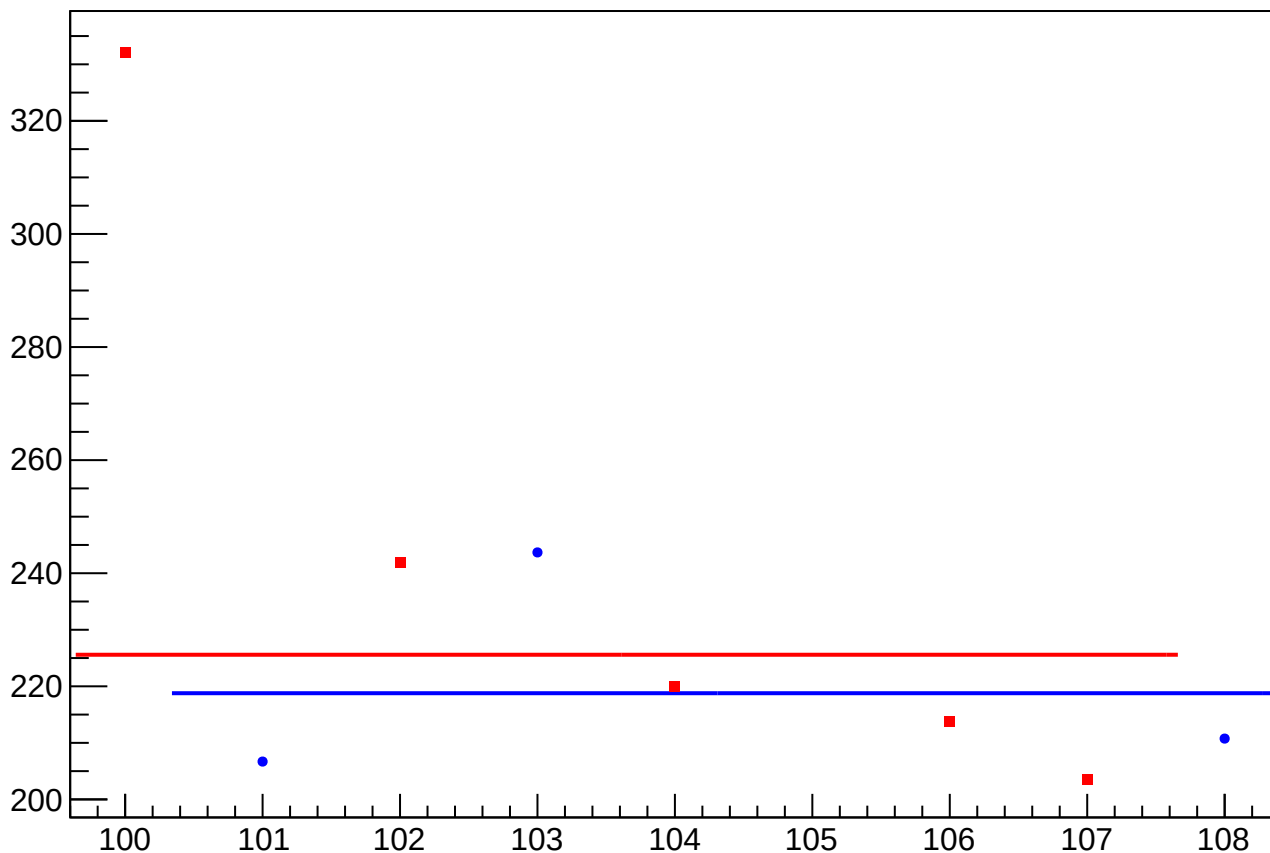
Right: 299.336 $\pm$ 121.792 χ^2 /NDF: 2.2/7

In: 289.361 $\pm$ 171.603 χ^2 /NDF:0.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 299.336 $\pm$ 121.792 χ^2 /NDF: 2.2/7

reg_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 218.780+/-0.121 χ^2/NDF : 18123.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 225.583+/-0.122 χ^2/NDF : 28416.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

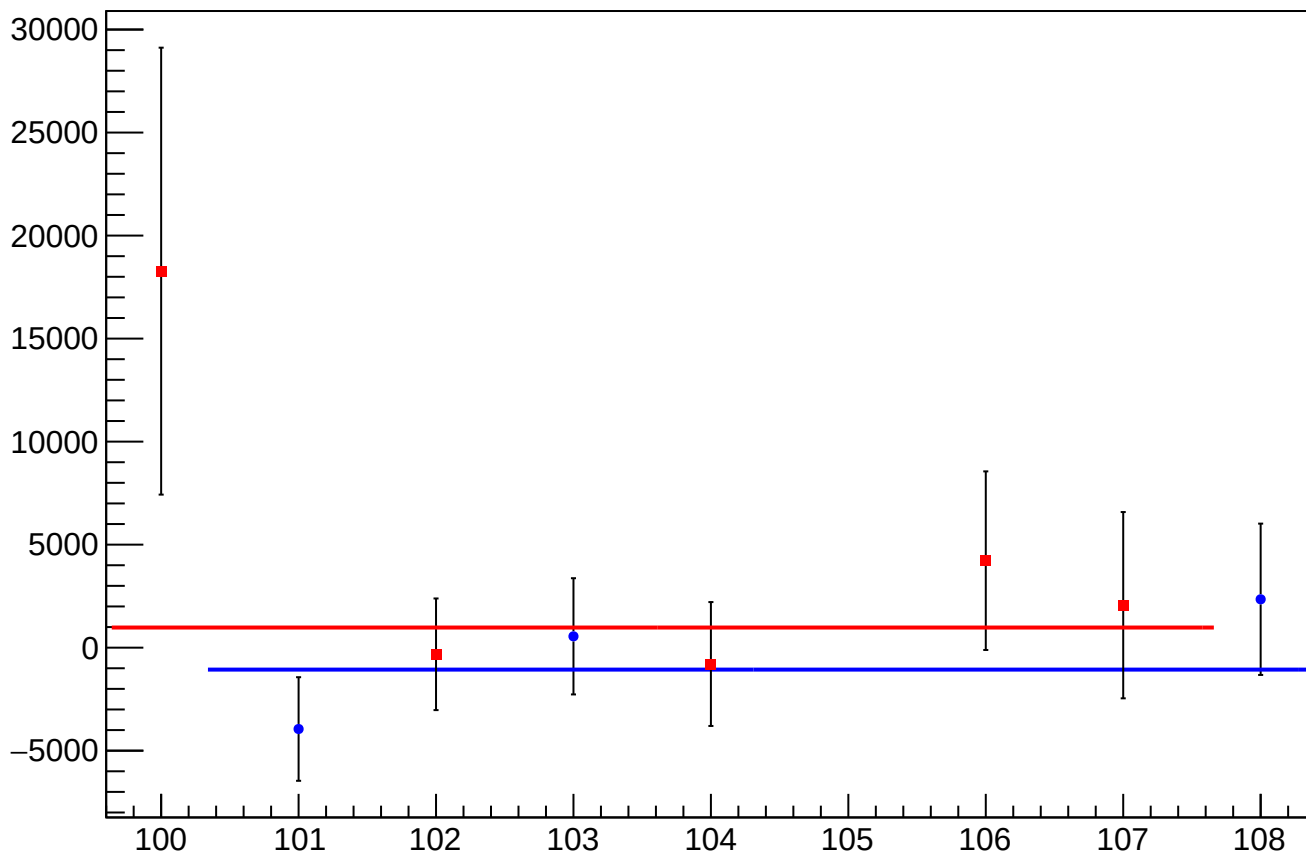
Right: 222.156+/-0.086 χ^2/NDF : 48099.5/7

In: 218.780+/-0.121 χ^2/NDF : 18123.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 222.156+/-0.086 χ^2/NDF : 48099.5/7

asym_sam_26_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1064.914+/-1671.094 χ^2/NDF : 2.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 977.025+/-1672.366 χ^2/NDF : 3.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

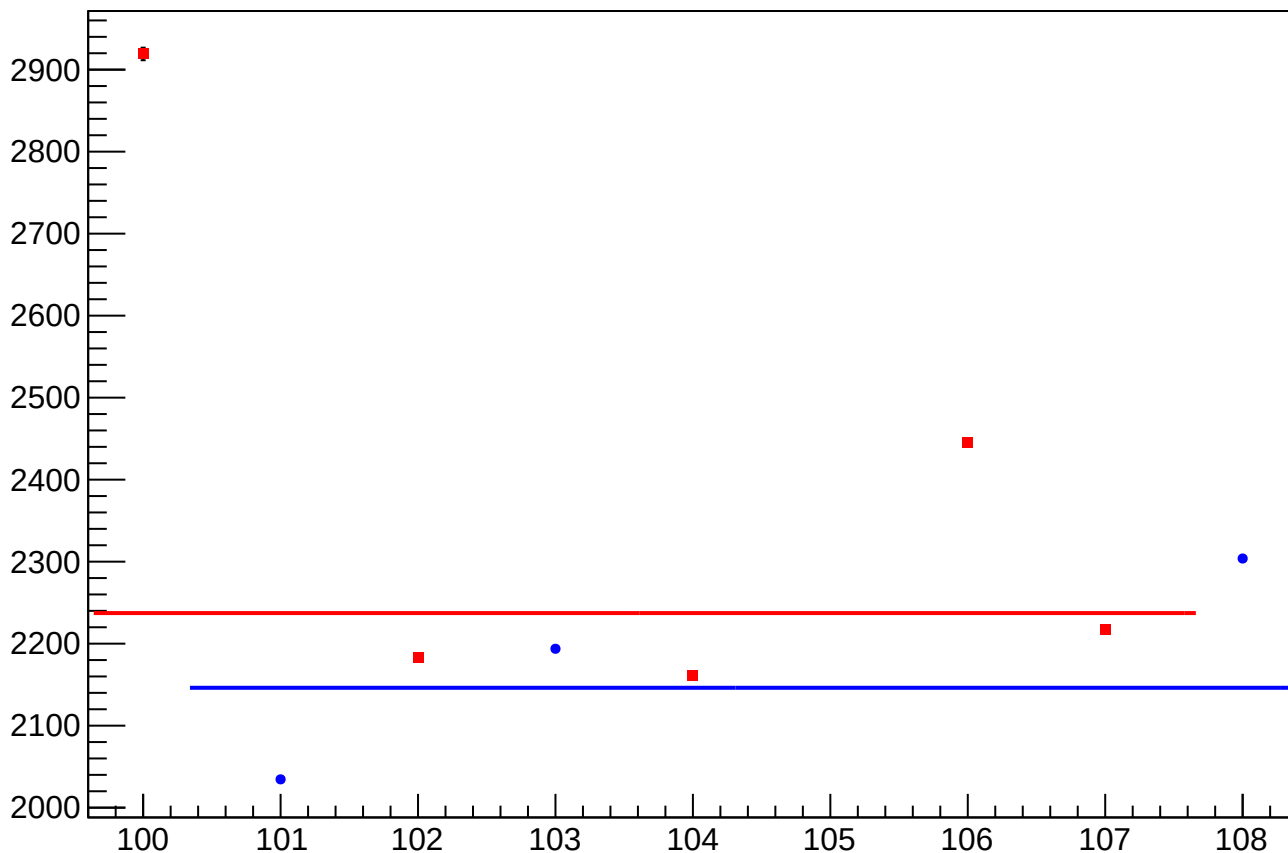
Right: -44.721+/-1182.092 χ^2/NDF : 7.0/7

In: -1064.914+/-1671.094 χ^2/NDF : 2.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.721+/-1182.092 χ^2/NDF : 7.0/7

asym_sam_26_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2146.201+/-1.182 χ^2/NDF : 8199.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2237.305+/-1.183 χ^2/NDF : 14622.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

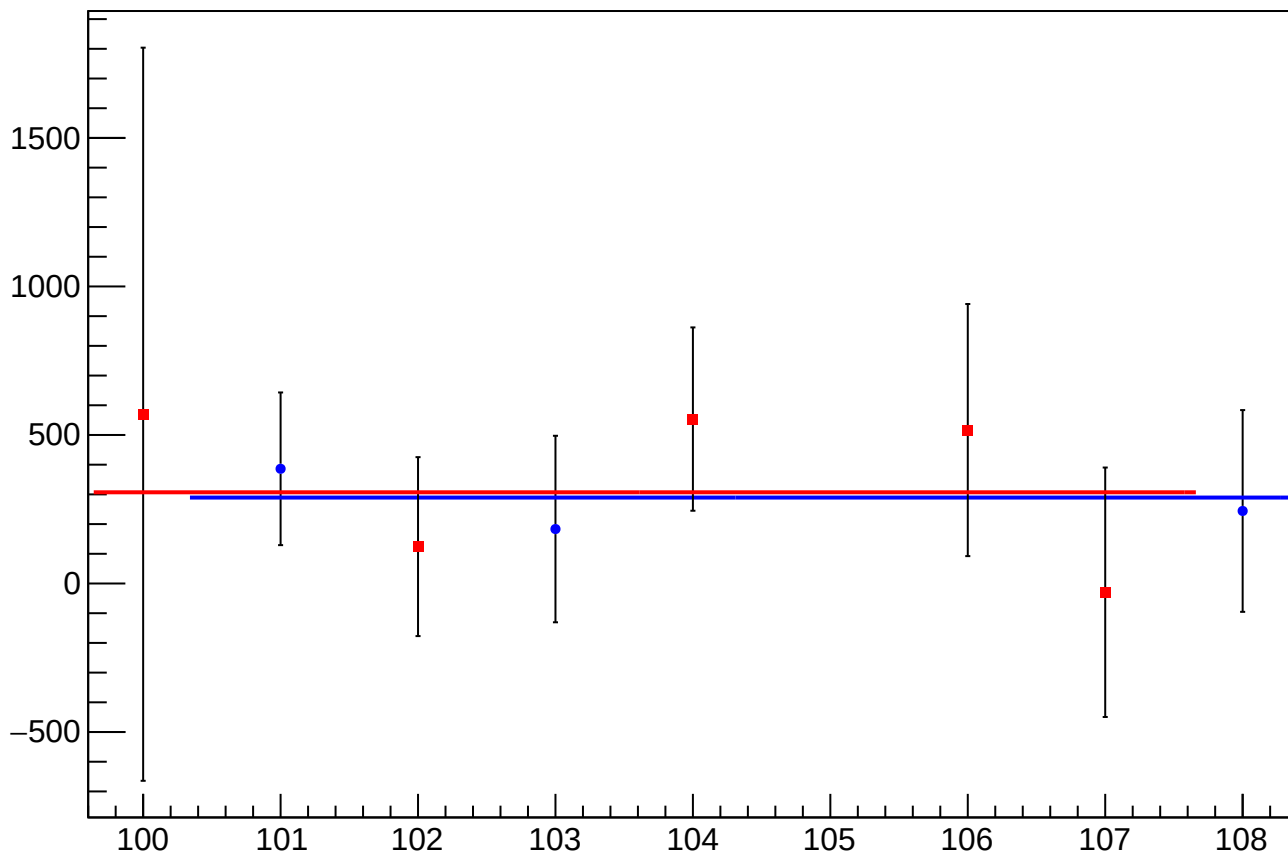
Right: 2191.718+/-0.836 χ^2/NDF : 25792.2/7

In: 2146.201+/-1.182 χ^2/NDF : 8199.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2191.718+/-0.836 χ^2/NDF : 25792.2/7

cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 289.299 $\pm$ 171.603 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 307.042 $\pm$ 173.017 χ^2 /NDF: 1.9/4

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

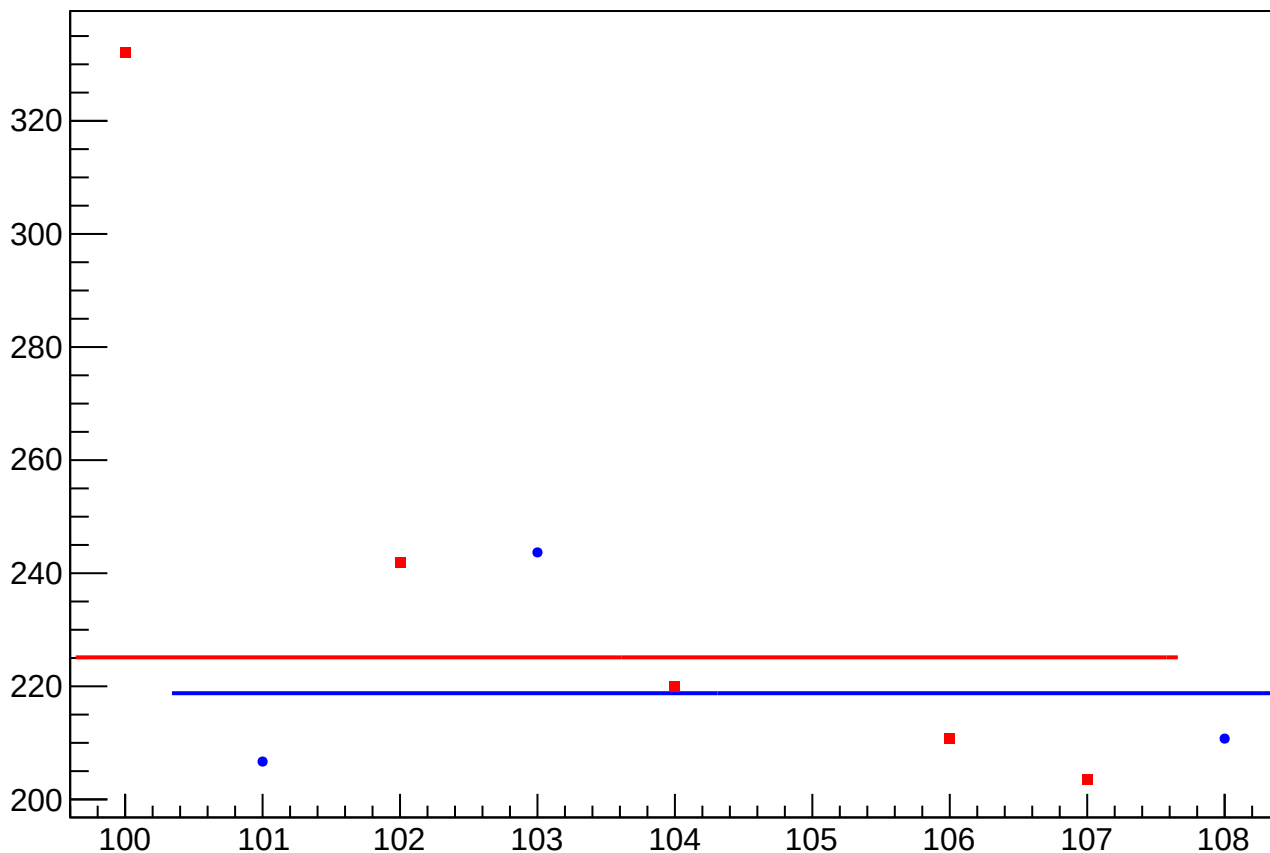
Right: 298.098 $\pm$ 121.838 χ^2 /NDF: 2.2/7

In: 289.299 $\pm$ 171.603 χ^2 /NDF:0.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 298.098 $\pm$ 121.838 χ^2 /NDF: 2.2/7

cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 218.780+/-0.121 χ^2/NDF : 18123.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 225.120+/-0.122 χ^2/NDF : 29397.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

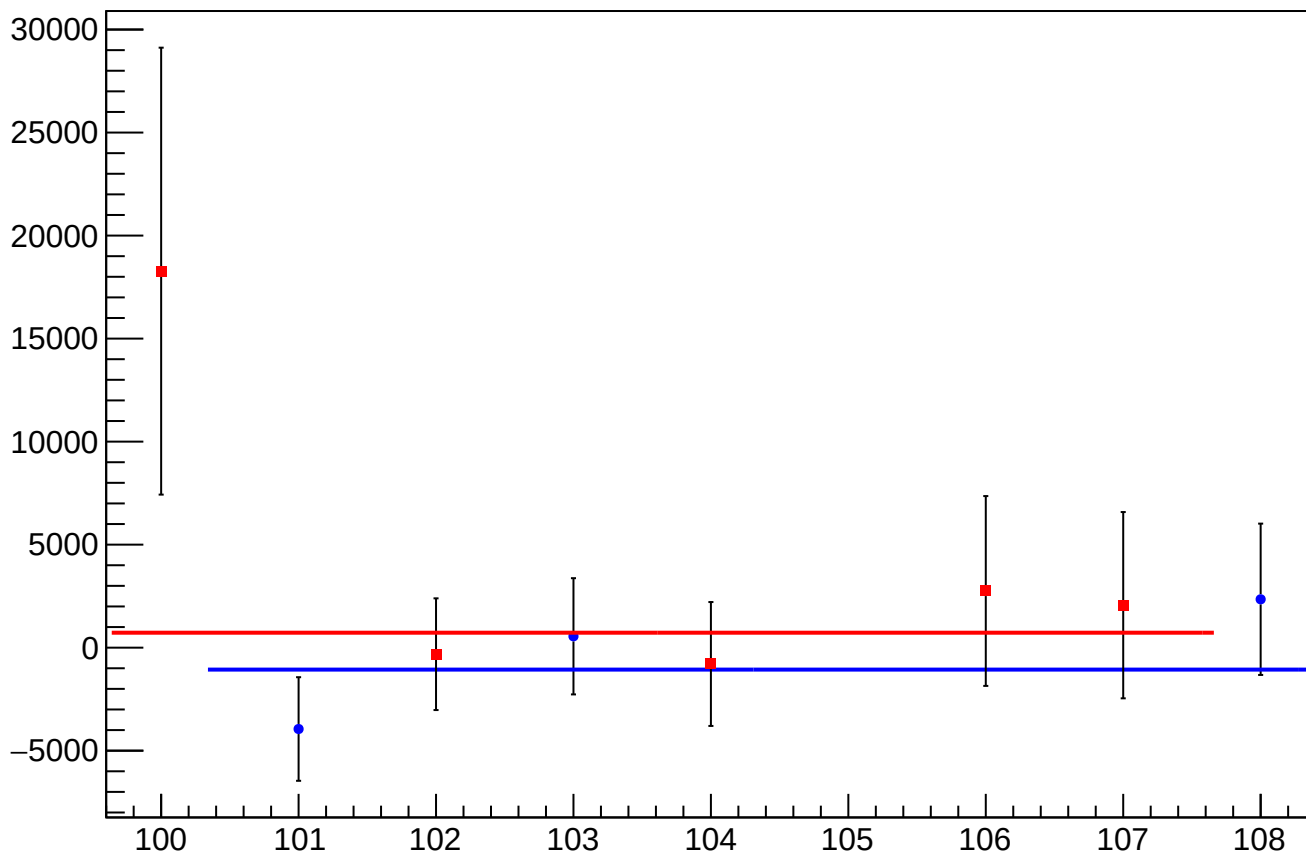
Right: 221.924+/-0.086 χ^2/NDF : 48874.5/7

In: 218.780+/-0.121 χ^2/NDF : 18123.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 221.924+/-0.086 χ^2/NDF : 48874.5/7

asym_sam_26_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1064.565+/-1671.127 χ^2/NDF : 2.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 726.018+/-1687.274 χ^2/NDF : 3.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

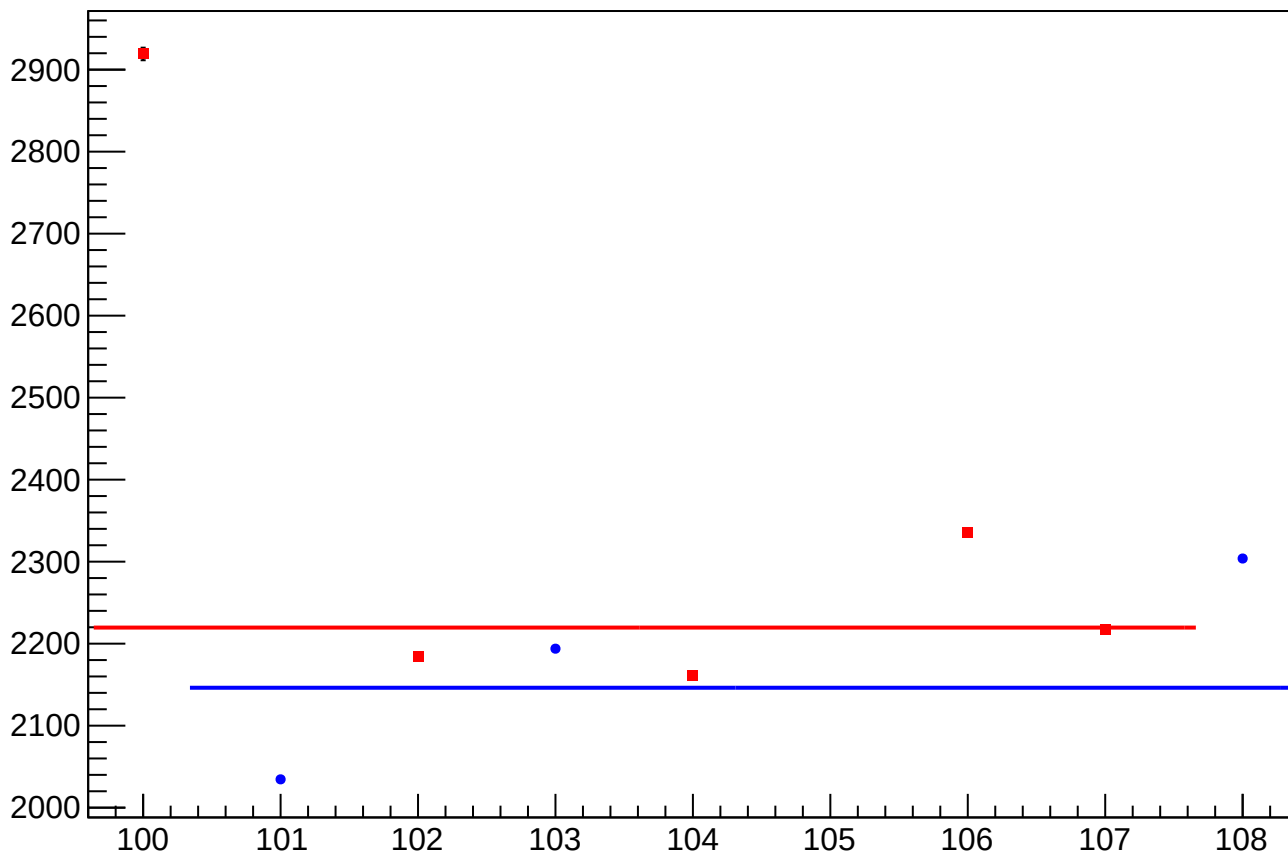
Right: -177.883+/-1187.333 χ^2/NDF : 6.4/7

In: -1064.565+/-1671.127 χ^2/NDF : 2.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -177.883+/-1187.333 χ^2/NDF : 6.4/7

asym_sam_26_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2146.239+/-1.182 χ^2/NDF : 8202.0/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2219.611+/-1.193 χ^2/NDF : 10679.5/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

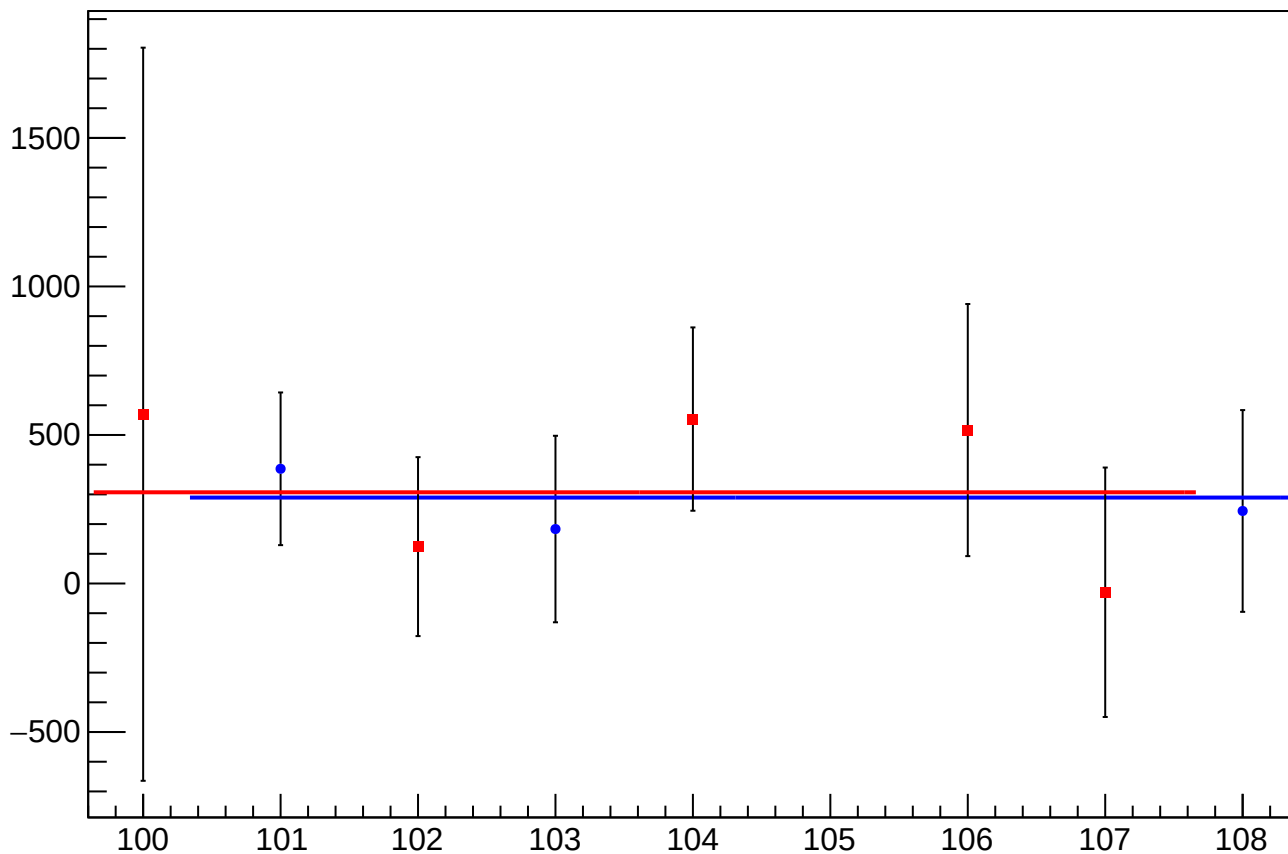
Right: 2182.573+/-0.840 χ^2/NDF : 20790.7/7

In: 2146.239+/-1.182 χ^2/NDF :8202.0/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2182.573+/-0.840 χ^2/NDF : 20790.7/7

eigen_cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 289.299+/-171.603 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 307.042+/-173.017 χ^2/NDF : 1.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

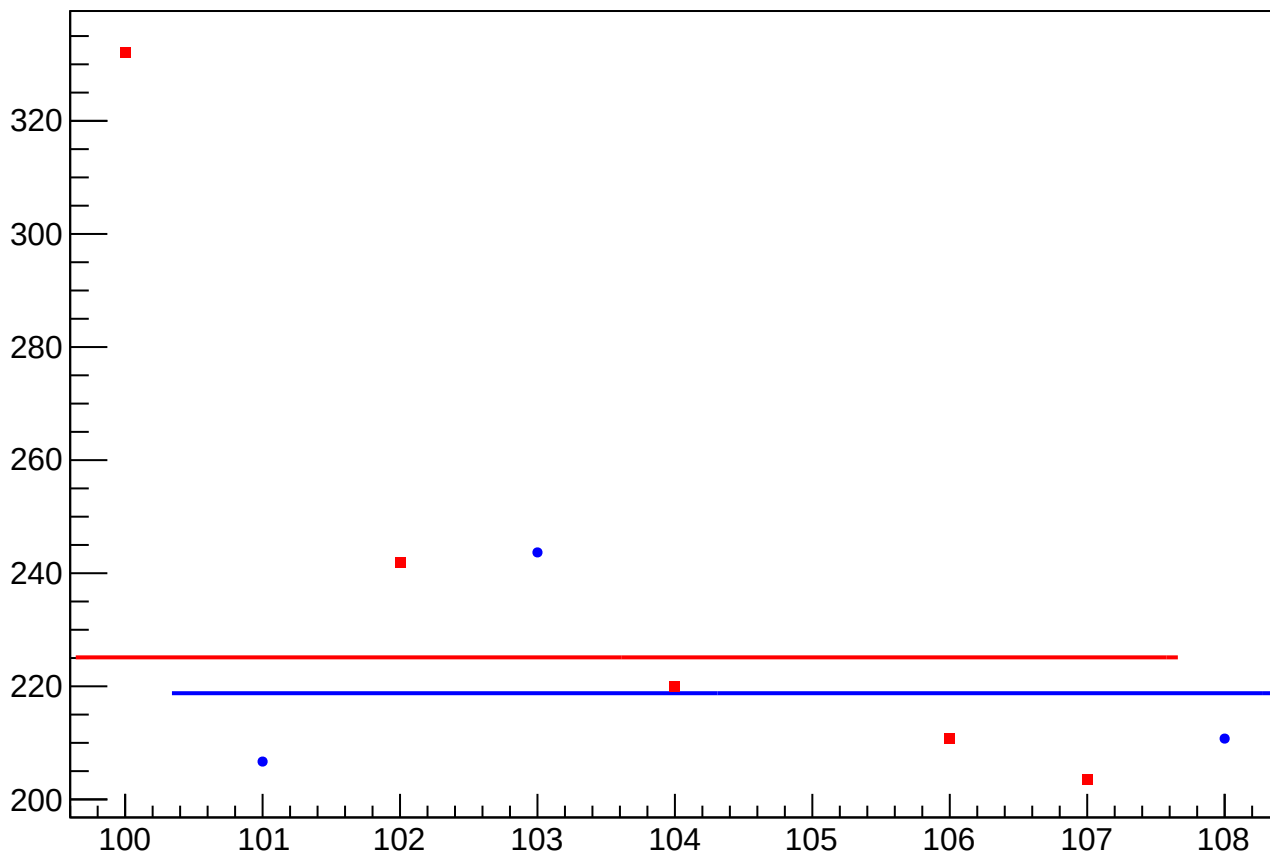
Right: 298.098+/-121.838 χ^2/NDF : 2.2/7

In: 289.299+/-171.603 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 298.098+/-121.838 χ^2/NDF : 2.2/7

eigen_cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 218.780 $\pm$ 0.121 χ^2 /NDF: 18123.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 225.120 $\pm$ 0.122 χ^2 /NDF: 29397.0/4

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

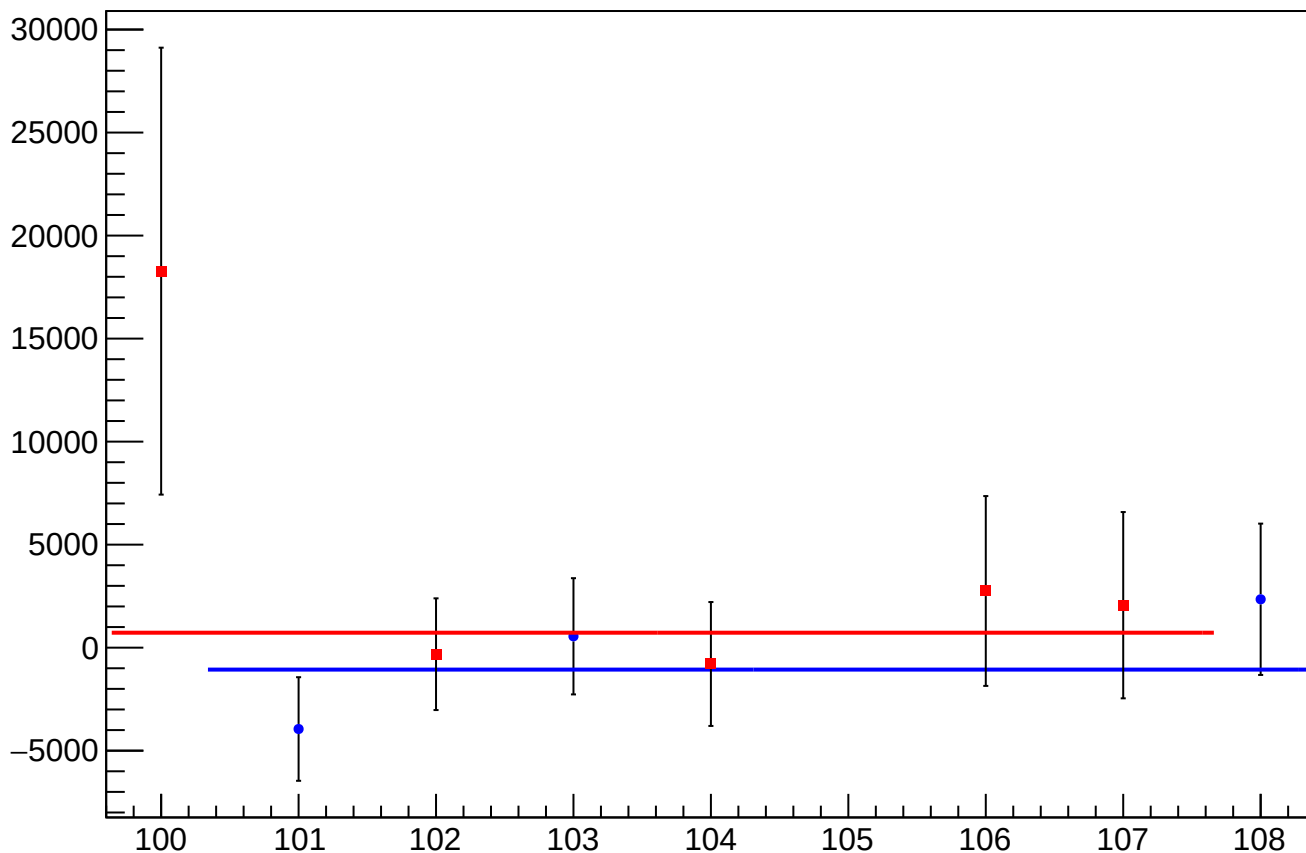
Right: 221.924 $\pm$ 0.086 χ^2 /NDF: 48874.5/7

In: 218.780 $\pm$ 0.121 χ^2 /NDF:18123.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 221.924 $\pm$ 0.086 χ^2 /NDF: 48874.5/7

asym_sam_26_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1064.565 $\pm$ 1671.127 χ^2 /NDF: 2.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 726.018 $\pm$ 1687.274 χ^2 /NDF: 3.3/4

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

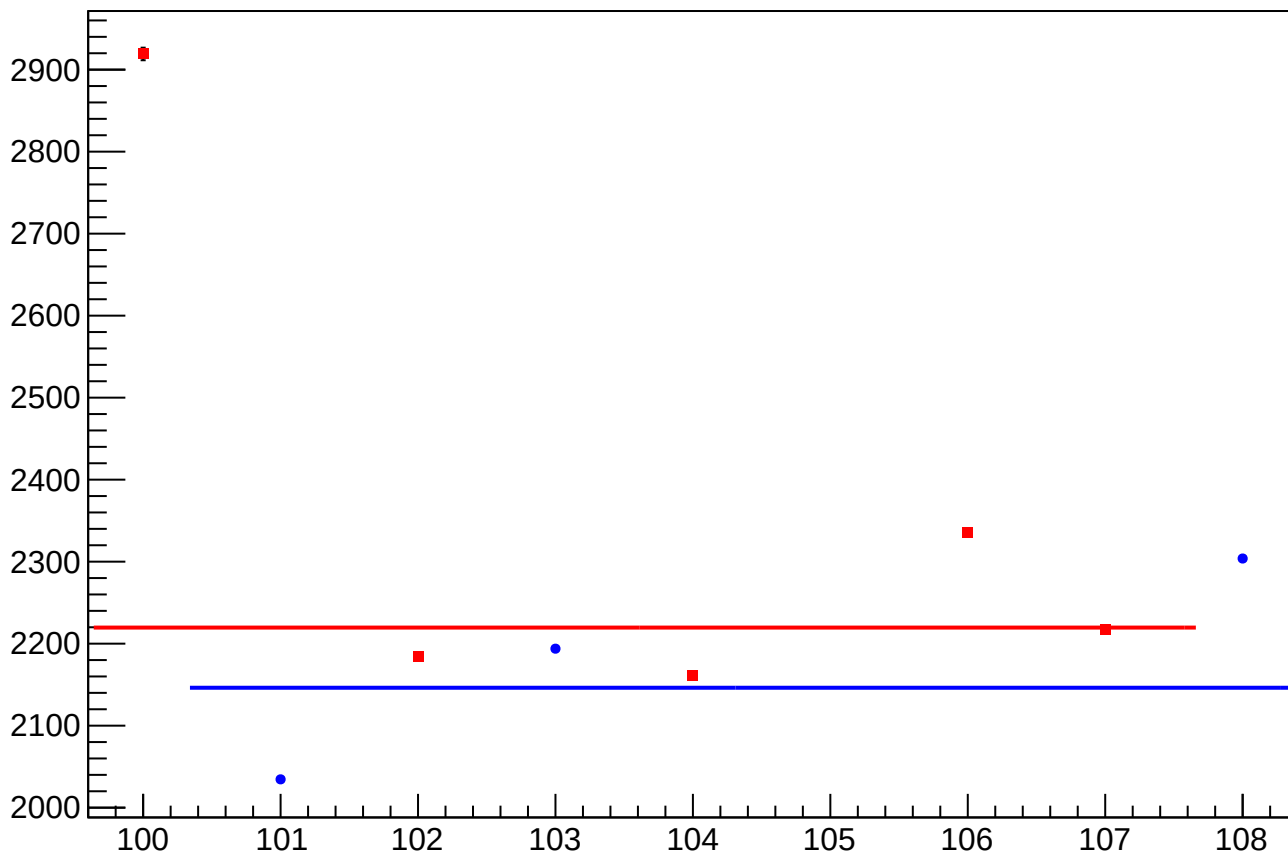
Right: -177.883 $\pm$ 1187.333 χ^2 /NDF: 6.4/7

In: -1064.565 $\pm$ 1671.127 χ^2 /NDF:2.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -177.883 $\pm$ 1187.333 χ^2 /NDF: 6.4/7

asym_sam_26_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2146.239+/-1.182 χ^2/NDF : 8202.0/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2219.611+/-1.193 χ^2/NDF : 10679.5/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

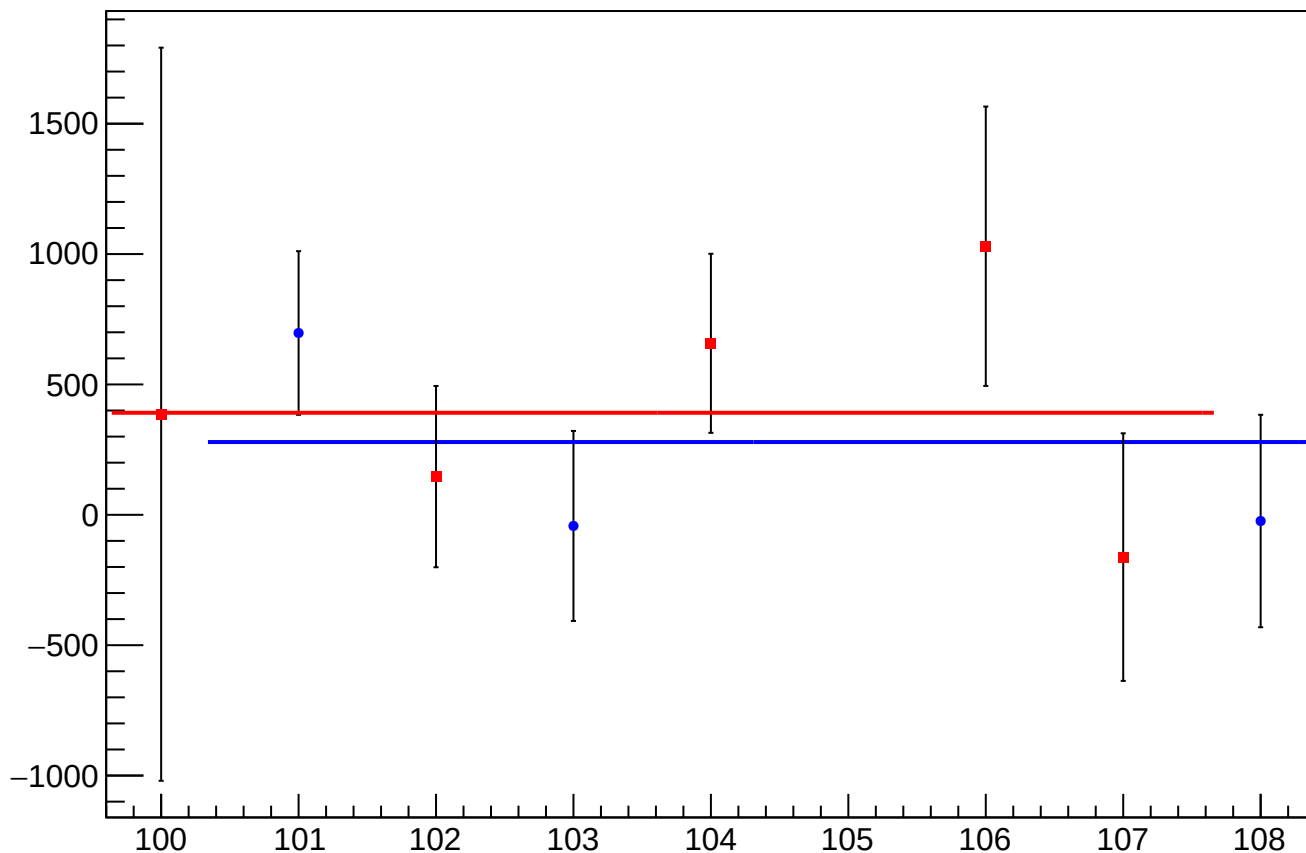
Right: 2182.573+/-0.840 χ^2/NDF : 20790.7/7

In: 2146.239+/-1.182 χ^2/NDF :8202.0/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2182.573+/-0.840 χ^2/NDF : 20790.7/7

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 279.107 $\pm$ 205.341 χ^2 /NDF: 3.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 391.405 $\pm$ 199.263 χ^2 /NDF: 3.9/4

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

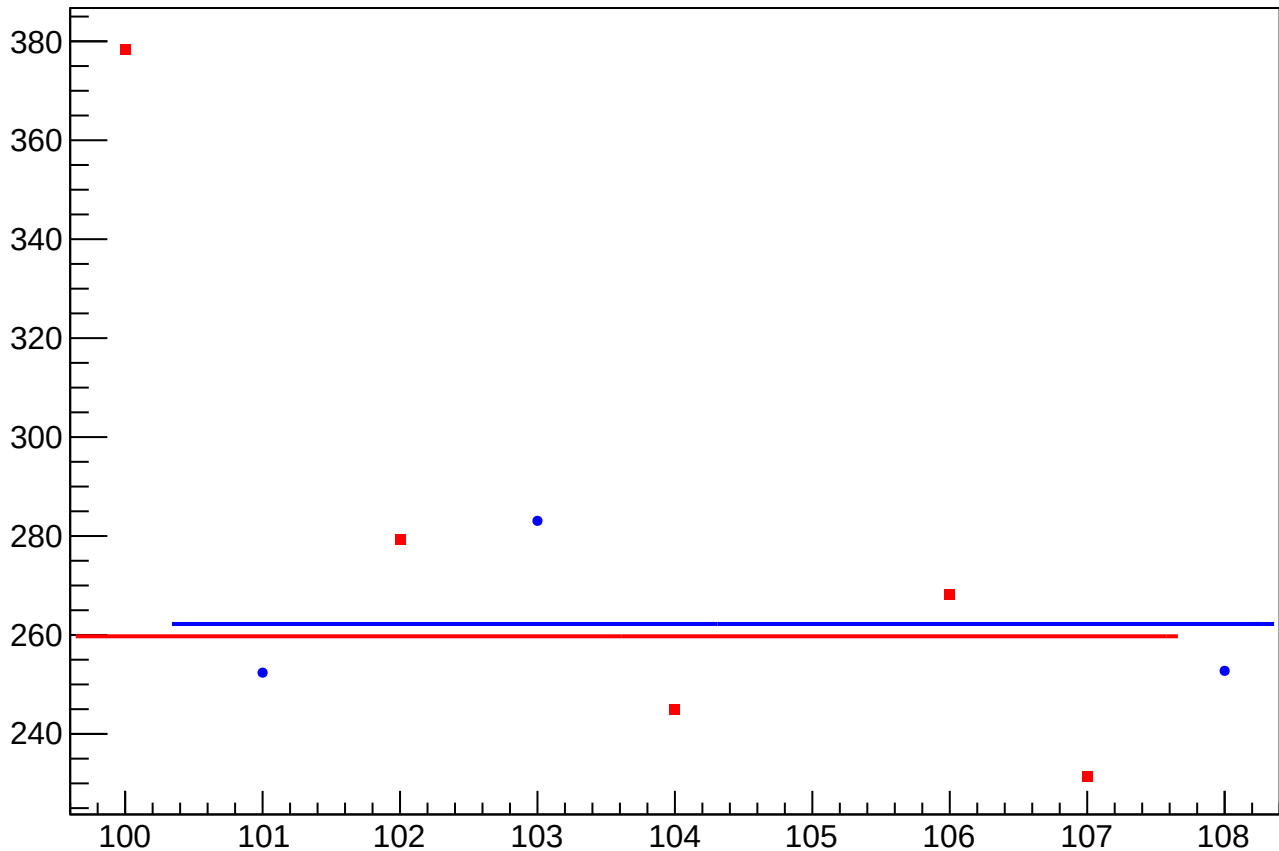
Right: 336.942 $\pm$ 143.001 χ^2 /NDF: 7.1/7

In: 279.107 $\pm$ 205.341 χ^2 /NDF:3.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 336.942 $\pm$ 143.001 χ^2 /NDF: 7.1/7

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 262.224+/-0.145 χ^2/NDF : 9595.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 259.731+/-0.141 χ^2/NDF : 31870.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

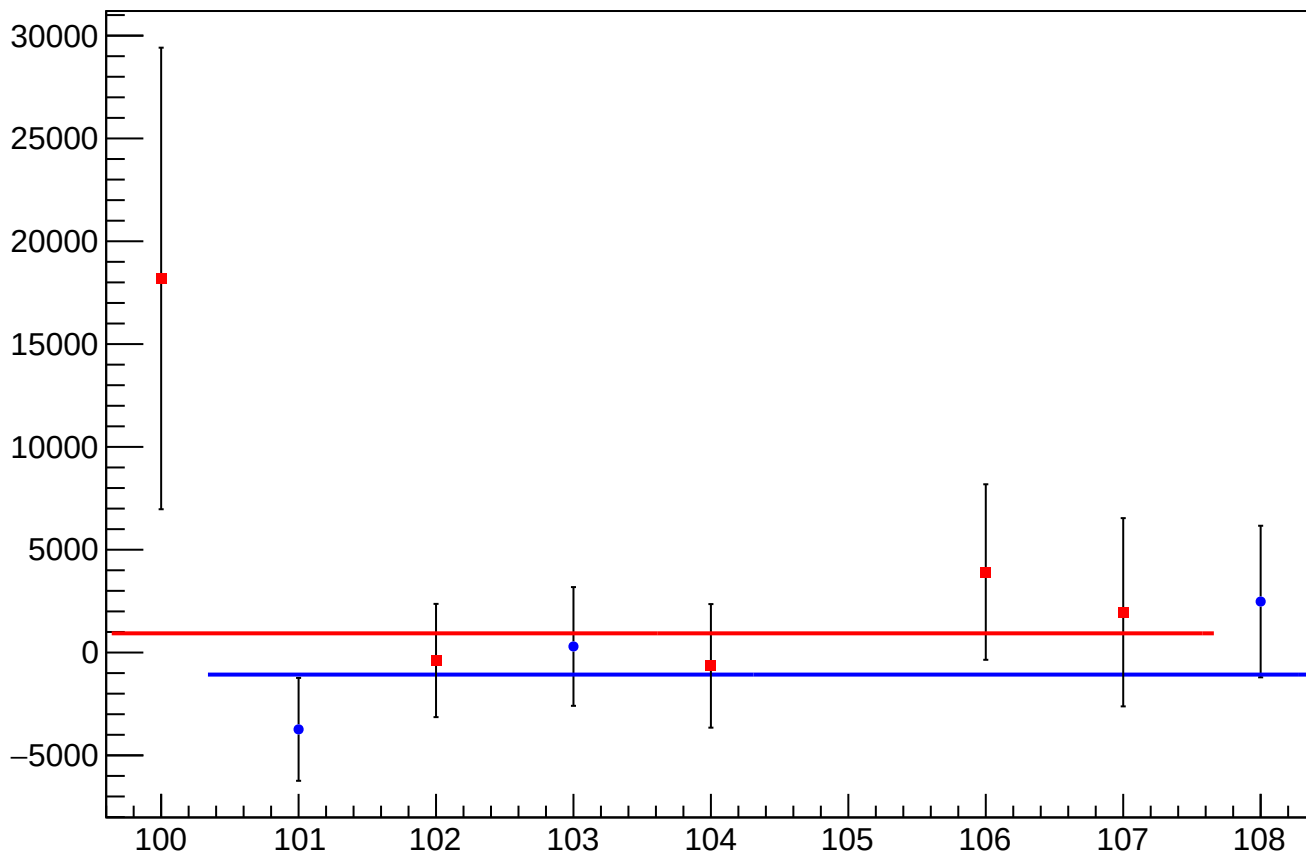
Right: 260.940+/-0.101 χ^2/NDF : 41618.0/7

In: 262.224+/-0.145 χ^2/NDF : 9595.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 260.940+/-0.101 χ^2/NDF : 41618.0/7

asym_sam_26_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1072.300+/-1682.286 χ^2/NDF : 2.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 933.976+/-1682.577 χ^2/NDF : 3.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

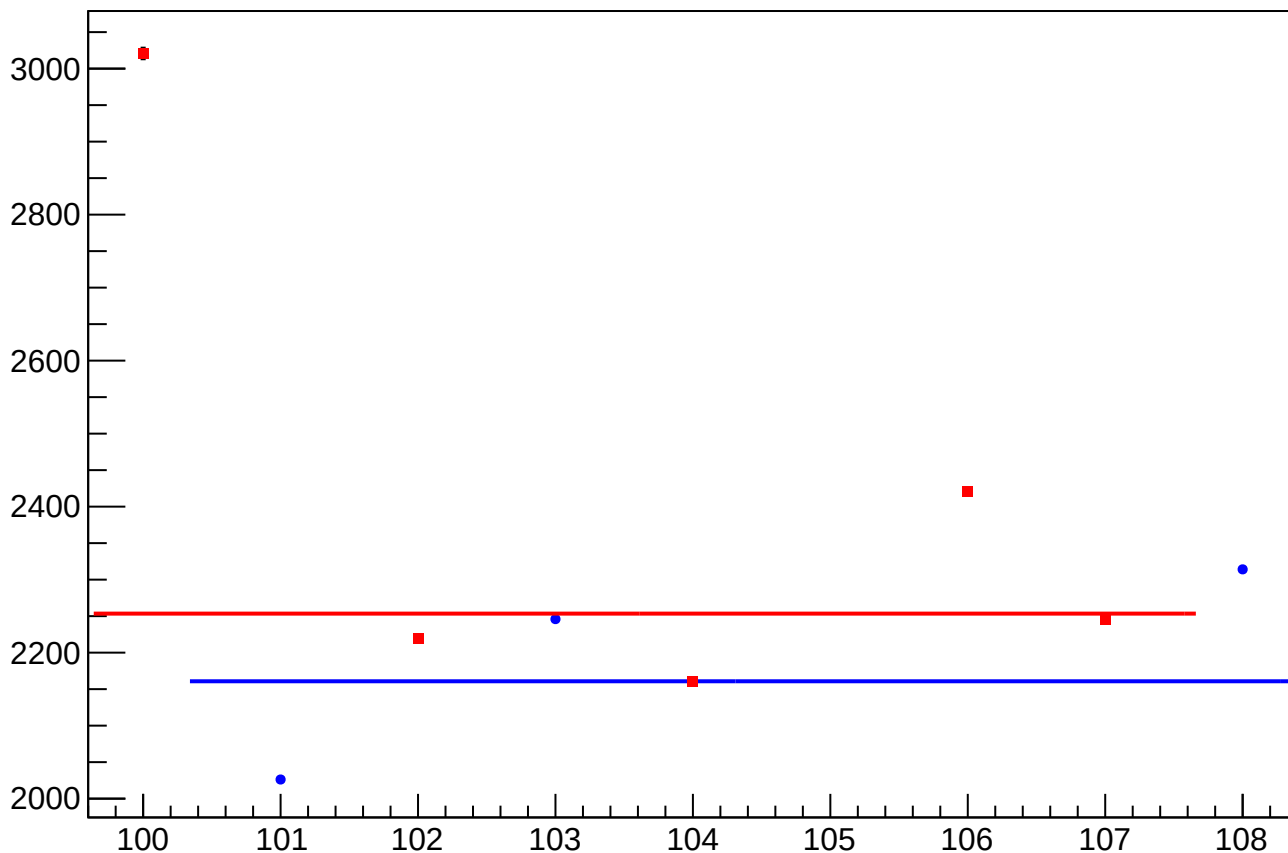
Right: -69.335+/-1189.659 χ^2/NDF : 6.4/7

In: -1072.300+/-1682.286 χ^2/NDF : 2.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -69.335+/-1189.659 χ^2/NDF : 6.4/7

asym_sam_26_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2160.777+/-1.190 χ^2/NDF : 10986.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2253.458+/-1.190 χ^2/NDF : 14687.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

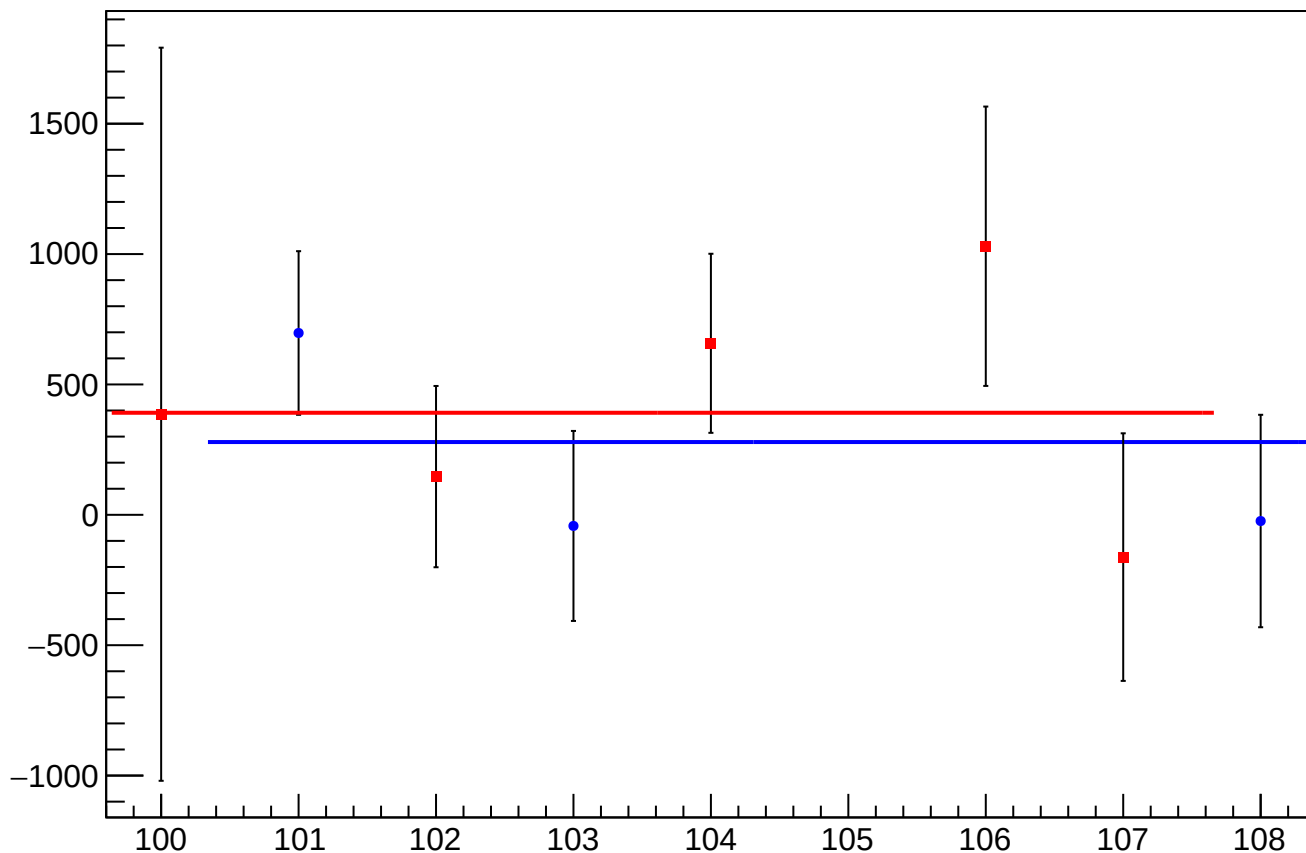
Right: 2207.109+/-0.841 χ^2/NDF : 28708.3/7

In: 2160.777+/-1.190 χ^2/NDF : 10986.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2207.109+/-0.841 χ^2/NDF : 28708.3/7

eigen_dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 279.103 $\pm$ 205.341 χ^2 /NDF: 3.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 391.410 $\pm$ 199.263 χ^2 /NDF: 3.9/4

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

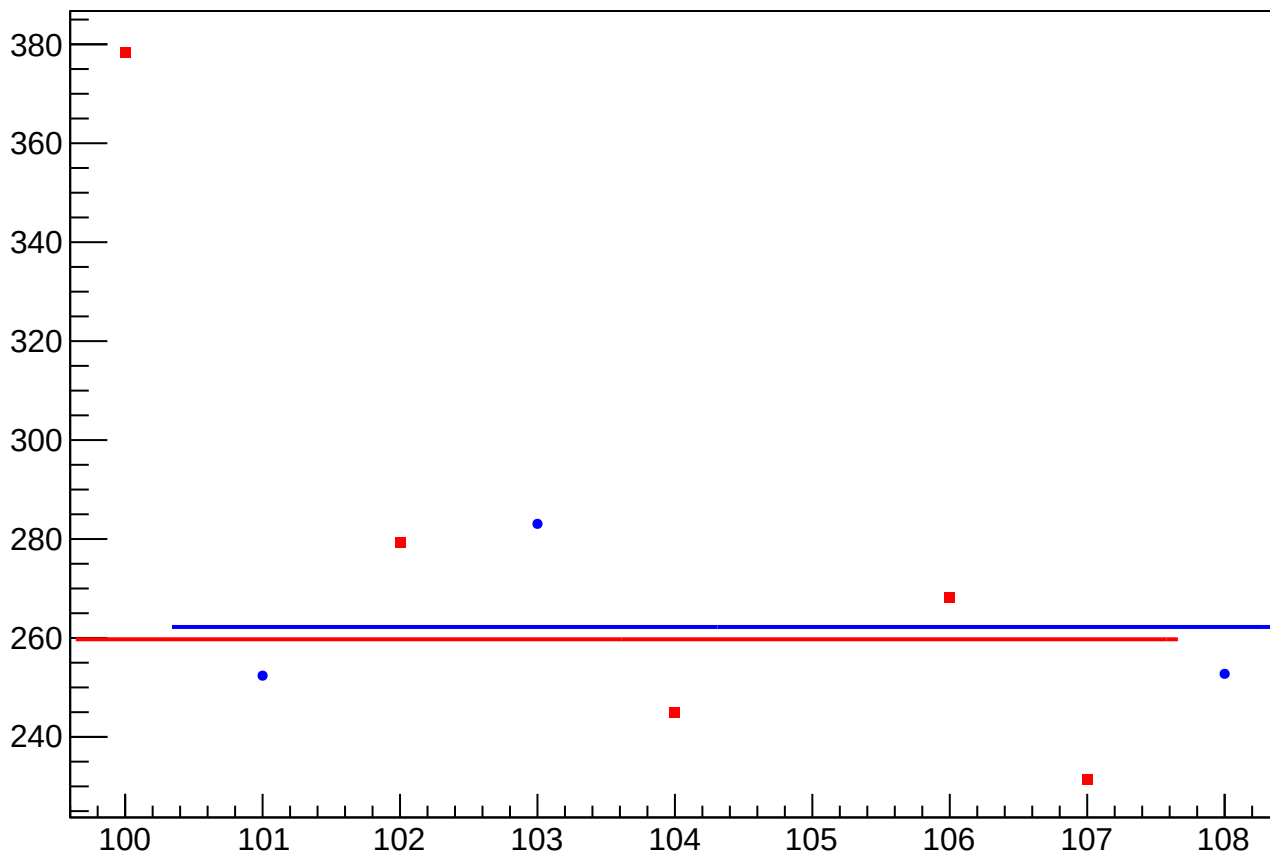
Right: 336.943 $\pm$ 143.001 χ^2 /NDF: 7.1/7

In: 279.103 $\pm$ 205.341 χ^2 /NDF:3.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 336.943 $\pm$ 143.001 χ^2 /NDF: 7.1/7

eigen_dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 262.224+/-0.145 χ^2/NDF : 9594.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 259.730+/-0.141 χ^2/NDF : 31869.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

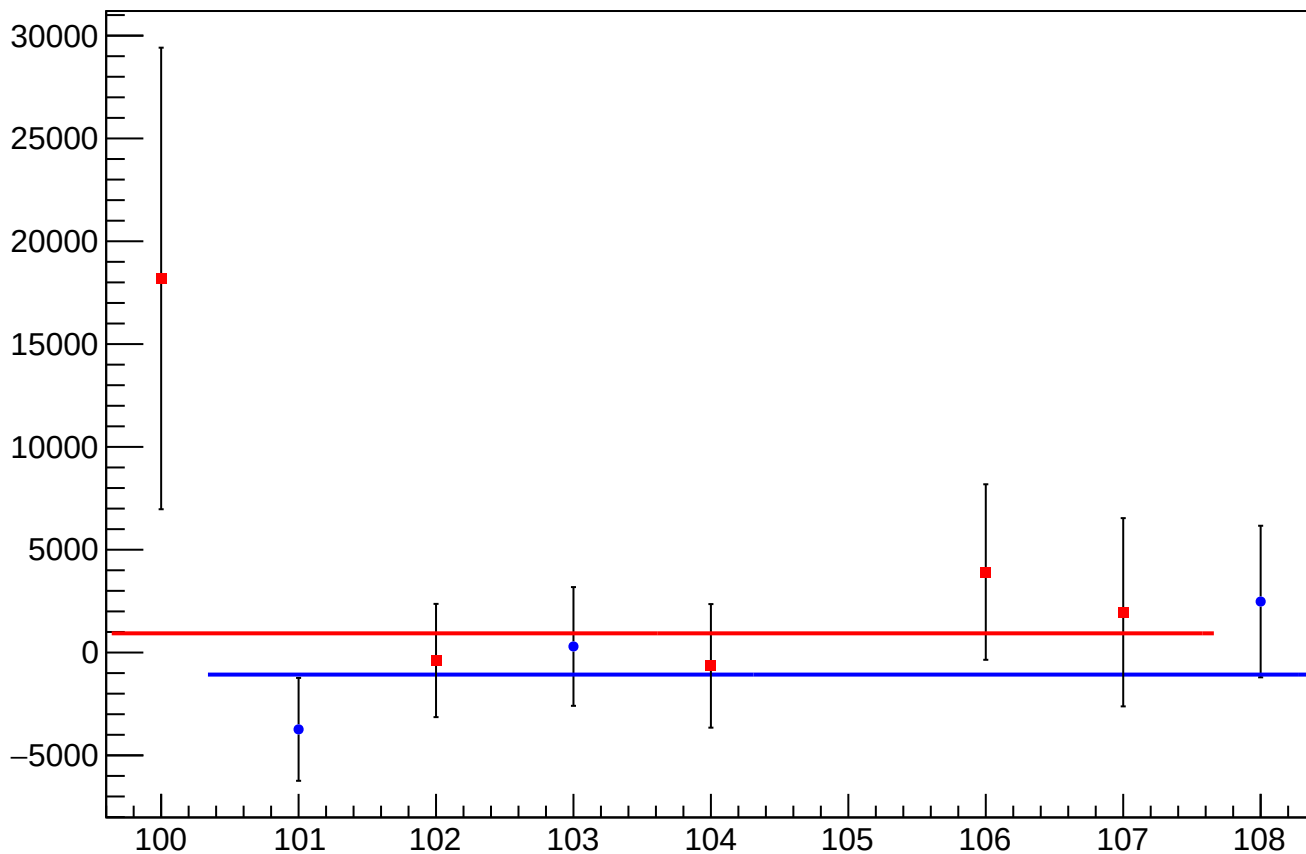
Right: 260.940+/-0.101 χ^2/NDF : 41616.2/7

In: 262.224+/-0.145 χ^2/NDF : 9594.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 260.940+/-0.101 χ^2/NDF : 41616.2/7

asym_sam_26_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1072.299 $\pm$ 1682.283 χ^2 /NDF: 2.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 933.972 $\pm$ 1682.573 χ^2 /NDF: 3.4/4

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

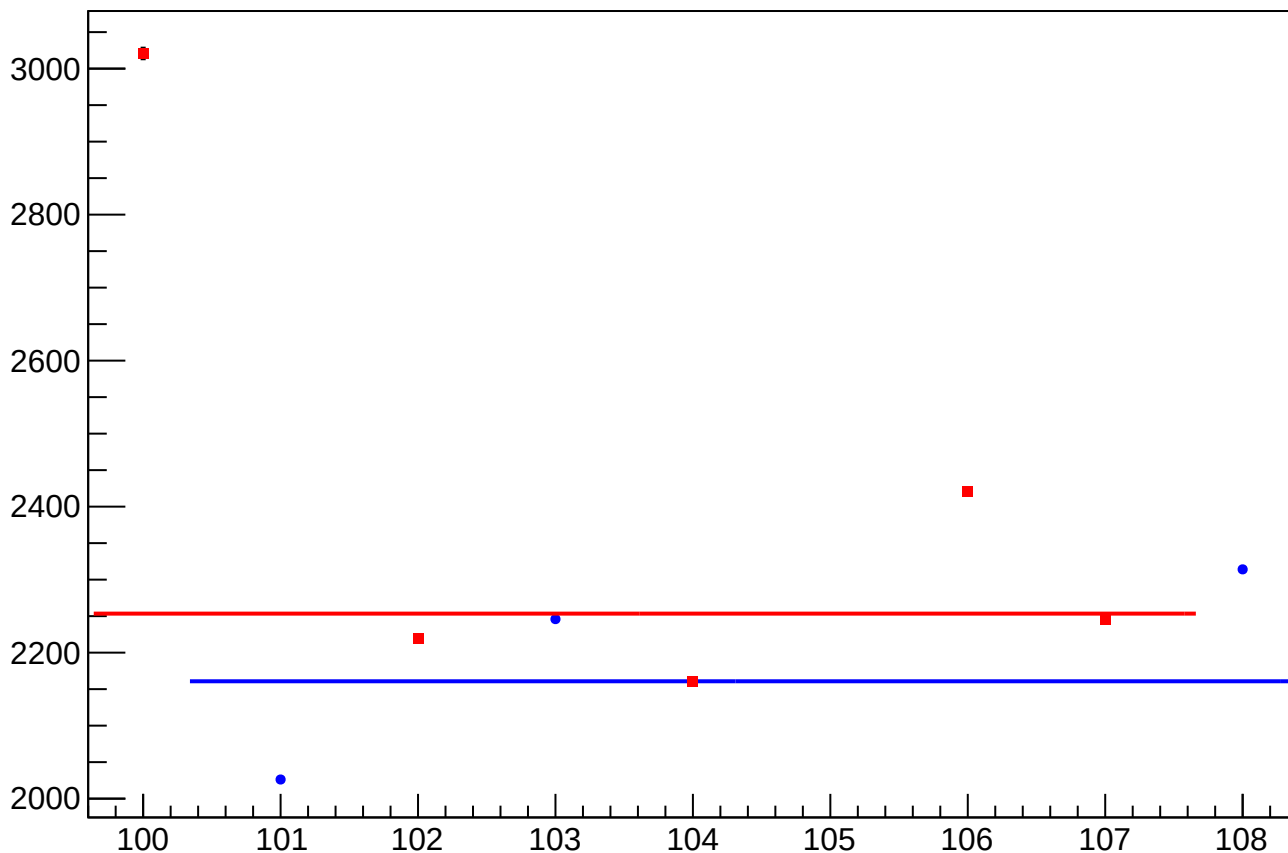
Right: -69.337 $\pm$ 1189.656 χ^2 /NDF: 6.4/7

In: -1072.299 $\pm$ 1682.283 χ^2 /NDF: 2.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -69.337 $\pm$ 1189.656 χ^2 /NDF: 6.4/7

asym_sam_26_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2160.773+/-1.190 χ^2/NDF : 10986.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2253.452+/-1.190 χ^2/NDF : 14687.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

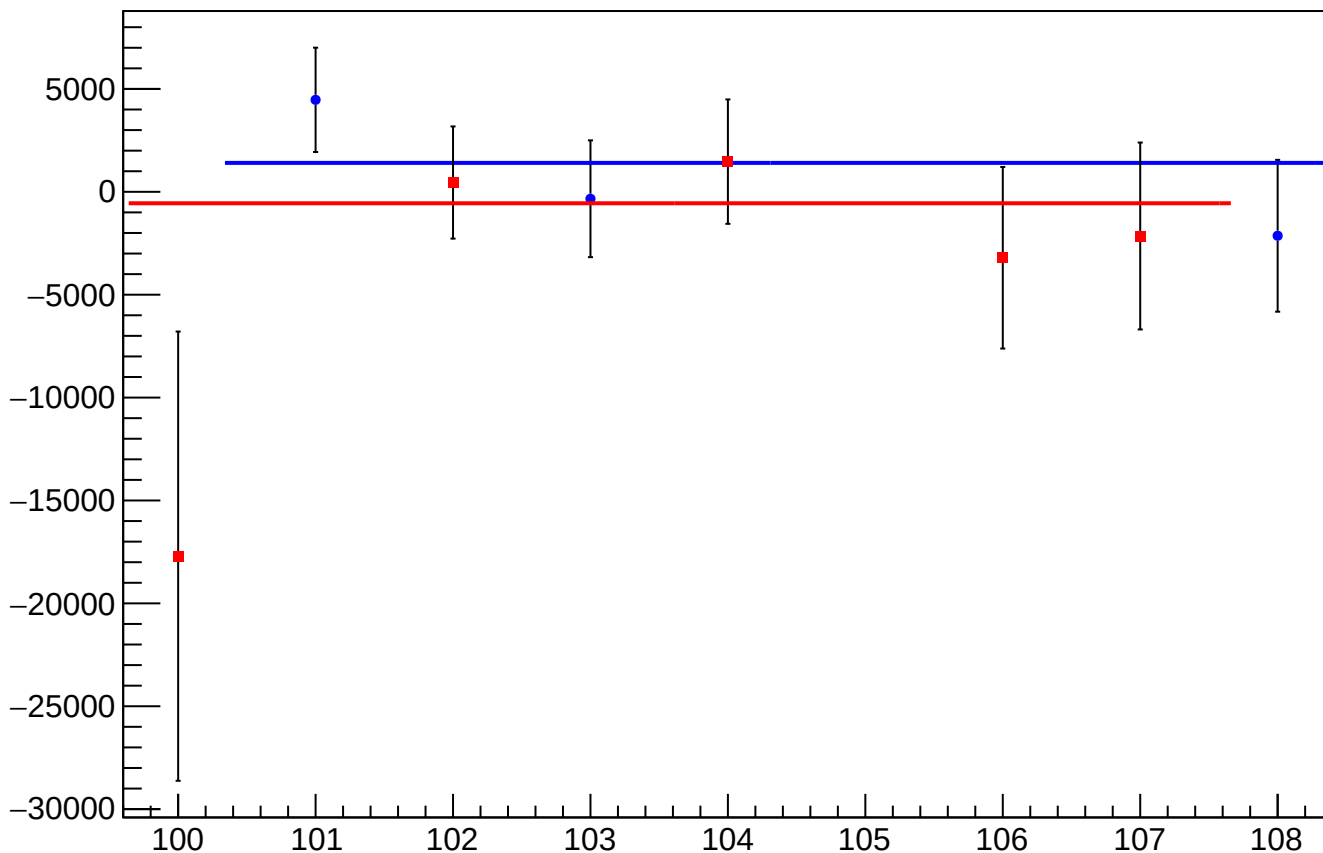
Right: 2207.105+/-0.841 χ^2/NDF : 28708.2/7

In: 2160.773+/-1.190 χ^2/NDF : 10986.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2207.105+/-0.841 χ^2/NDF : 28708.2/7

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1405.940+/-1682.676 χ^2/NDF : 2.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -556.381+/-1685.023 χ^2/NDF : 3.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

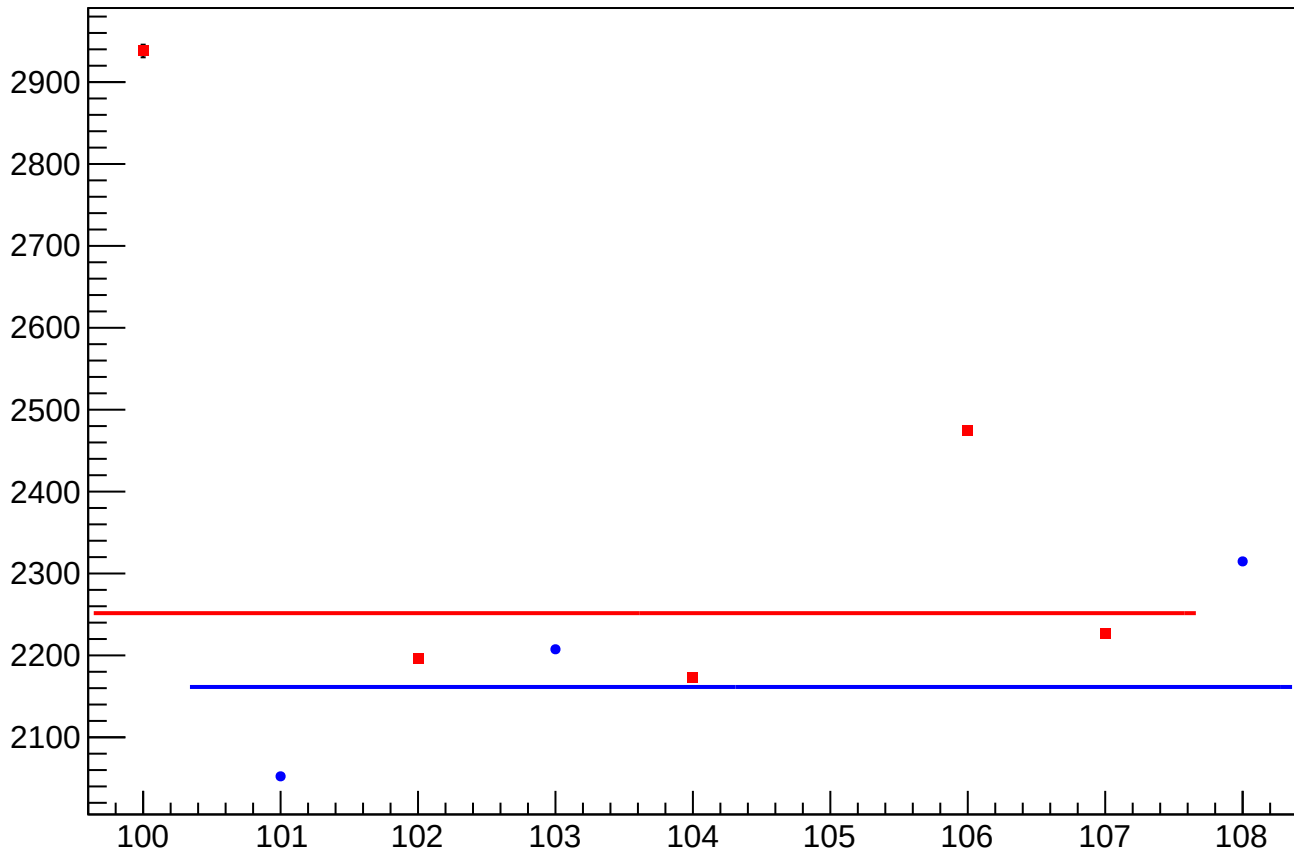
Right: 426.147+/-1190.660 χ^2/NDF : 7.0/7

In: 1405.940+/-1682.676 χ^2/NDF : 2.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 426.147+/-1190.660 χ^2/NDF : 7.0/7

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 2161.457+/-1.190 χ^2/NDF : 7683.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2251.580+/-1.191 χ^2/NDF : 15210.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

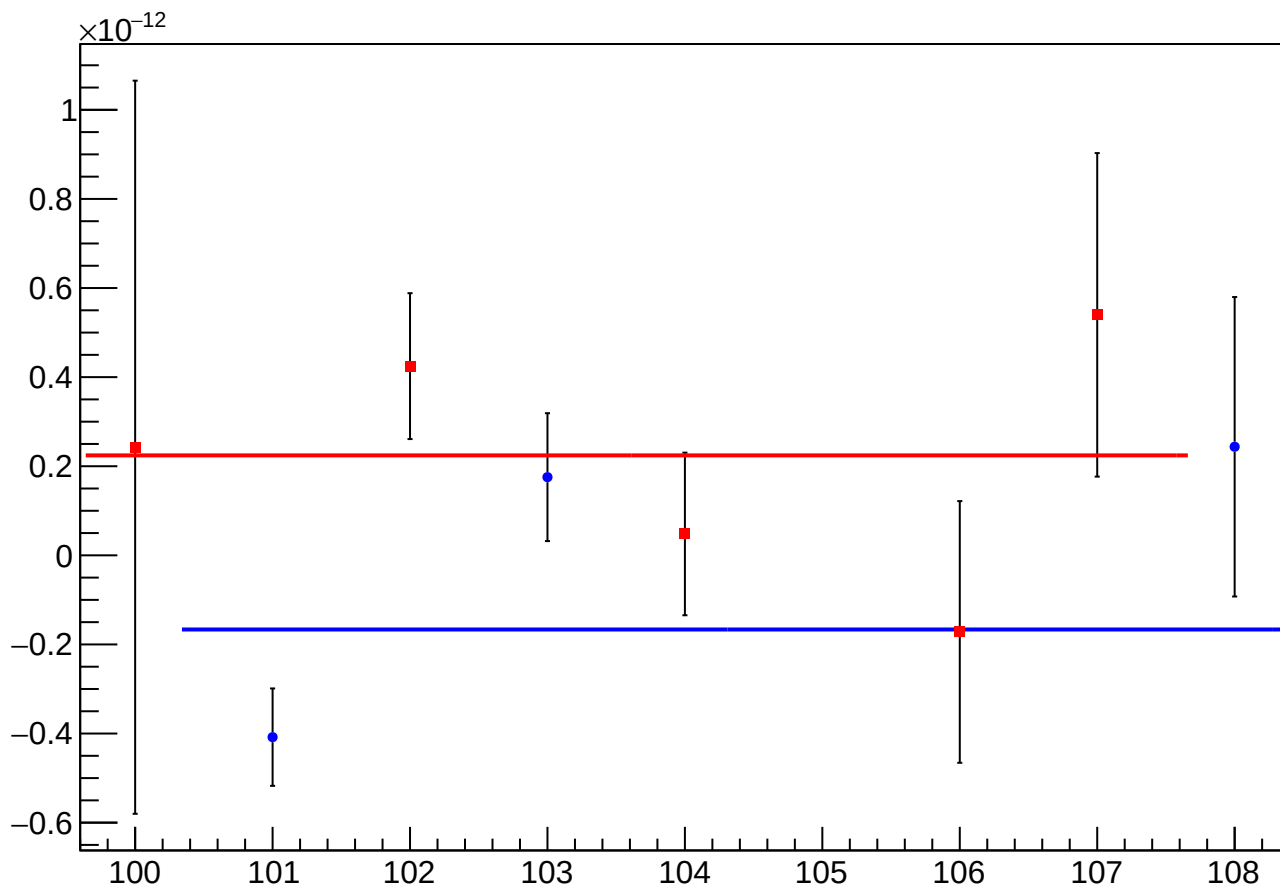
Right: 2206.456+/-0.842 χ^2/NDF : 25758.3/7

In: 2161.457+/-1.190 χ^2/NDF : 7683.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2206.456+/-0.842 χ^2/NDF : 25758.3/7

asym_sam_26_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

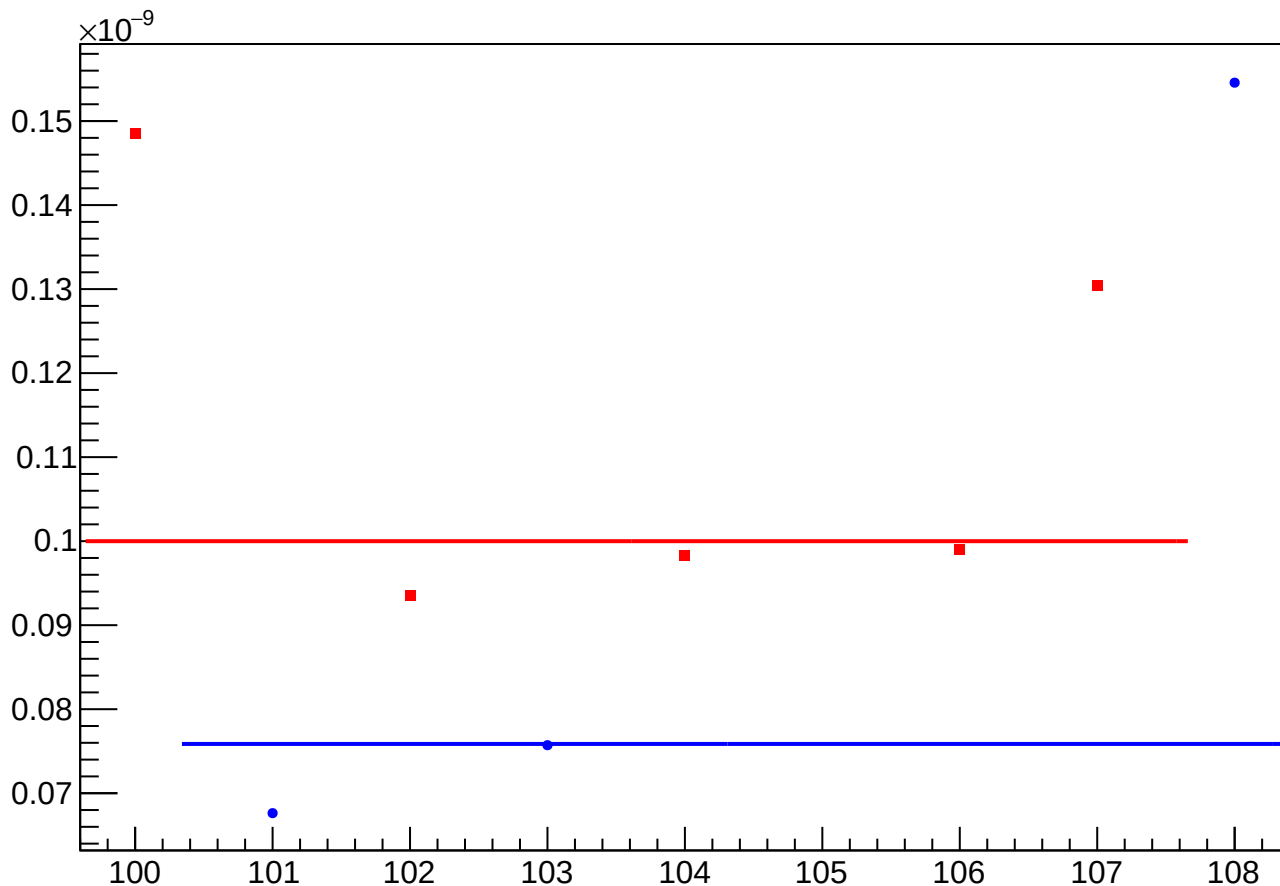
Right: -0.000+/-0.000 χ^2/NDF : 25.3/7

In: -0.000+/-0.000 χ^2/NDF : 12.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.3/7

asym_sam_26_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 121025.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 24318.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

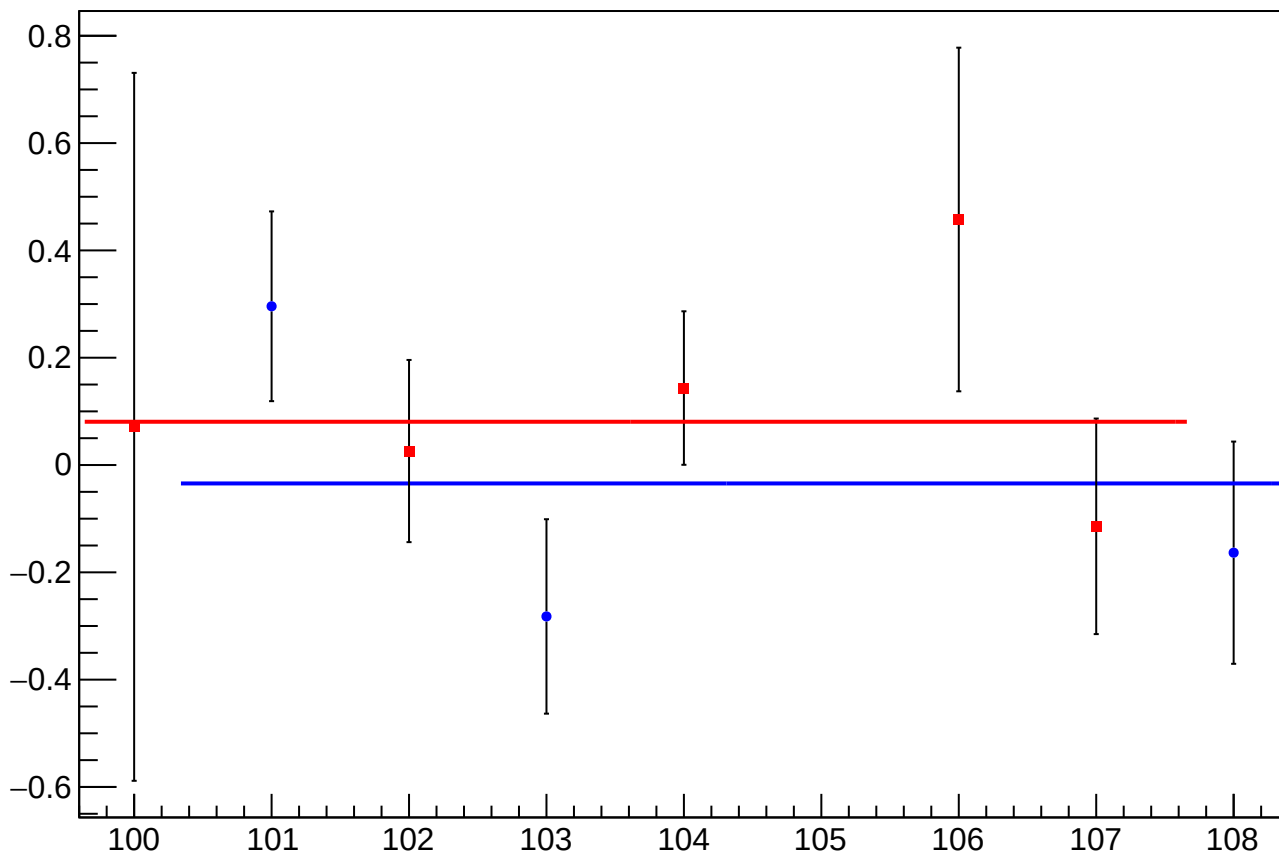
Right: 0.000+/-0.000 χ^2/NDF : 208450.6/7

In: 0.000+/-0.000 χ^2/NDF : 121025.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 208450.6/7

asym_sam_26_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.034 ± 0.108 χ^2/NDF : 5.7/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.081 ± 0.091 χ^2/NDF : 2.6/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

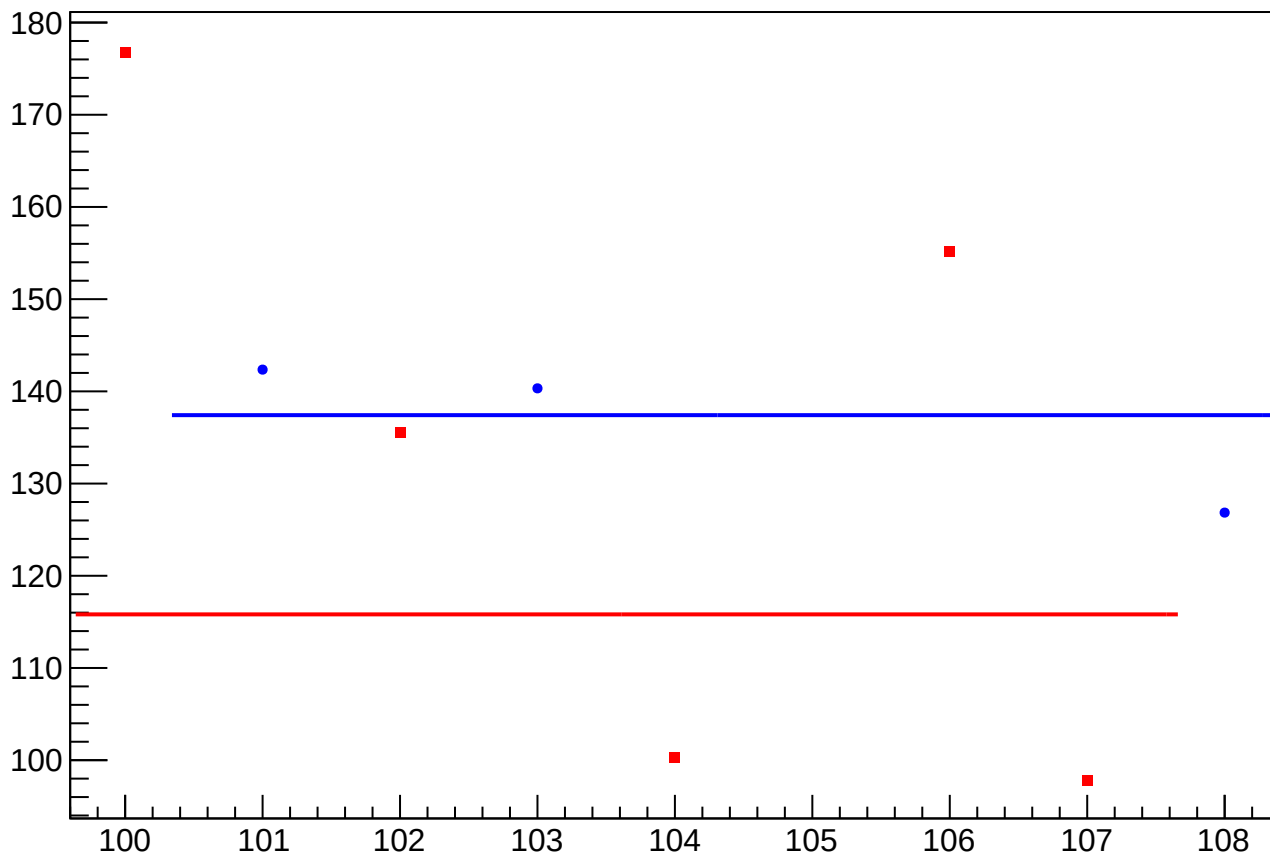
Right: 0.033 ± 0.070 χ^2/NDF : 9.0/7

In: -0.034 ± 0.108 χ^2/NDF : 5.7/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.033 ± 0.070 χ^2/NDF : 9.0/7

asym_sam_26_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 137.420+/-0.076 χ^2/NDF : 7285.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.813+/-0.064 χ^2/NDF : 114034.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

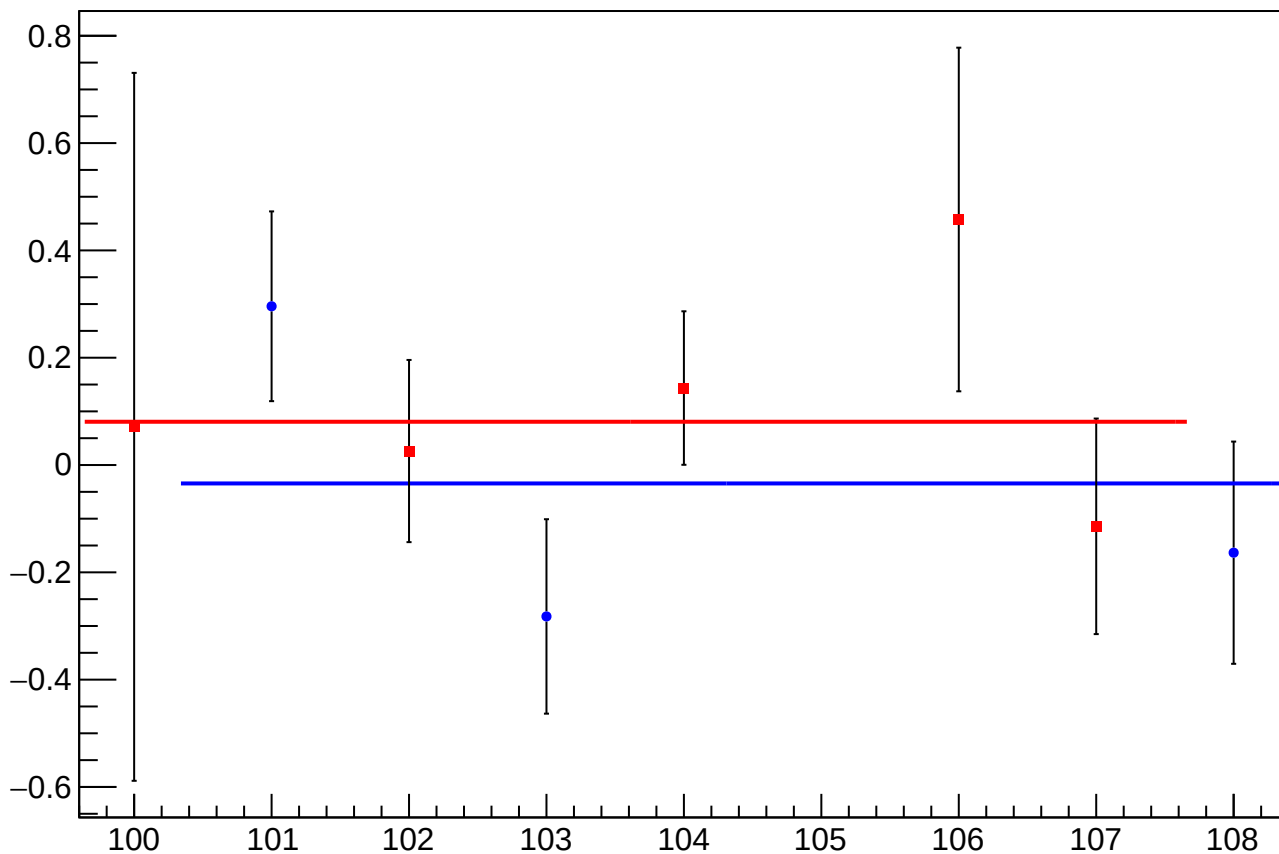
Right: 124.801+/-0.049 χ^2/NDF : 168086.5/7

In: 137.420+/-0.076 χ^2/NDF : 7285.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.801+/-0.049 χ^2/NDF : 168086.5/7

asym_sam_26_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.034 $\pm$ 0.108 χ^2 /NDF: 5.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.081 $\pm$ 0.091 χ^2 /NDF: 2.6/4

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

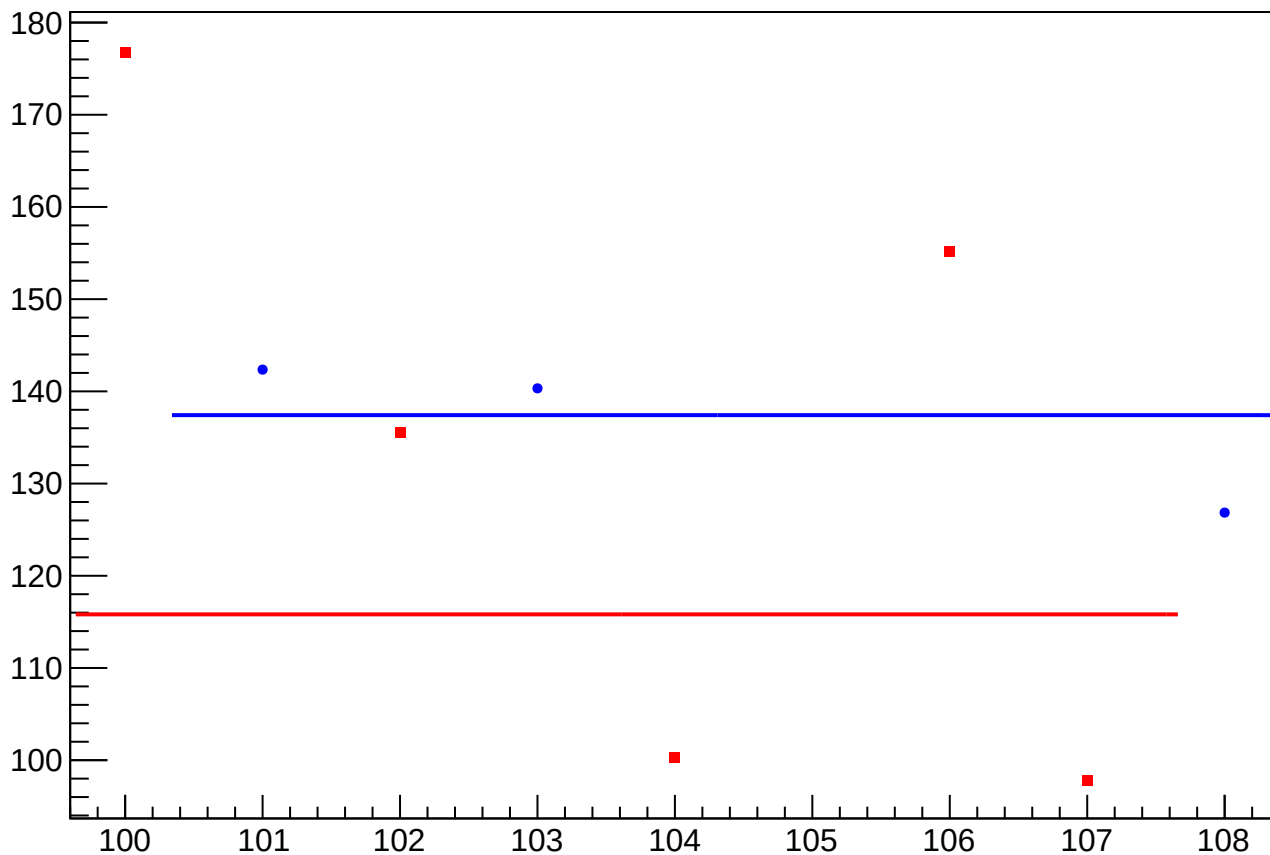
Right: 0.033 $\pm$ 0.070 χ^2 /NDF: 9.0/7

In: -0.034 $\pm$ 0.108 χ^2 /NDF:5.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.033 $\pm$ 0.070 χ^2 /NDF: 9.0/7

asym_sam_26_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 137.420+/-0.076 χ^2/NDF : 7285.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.813+/-0.064 χ^2/NDF : 114034.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

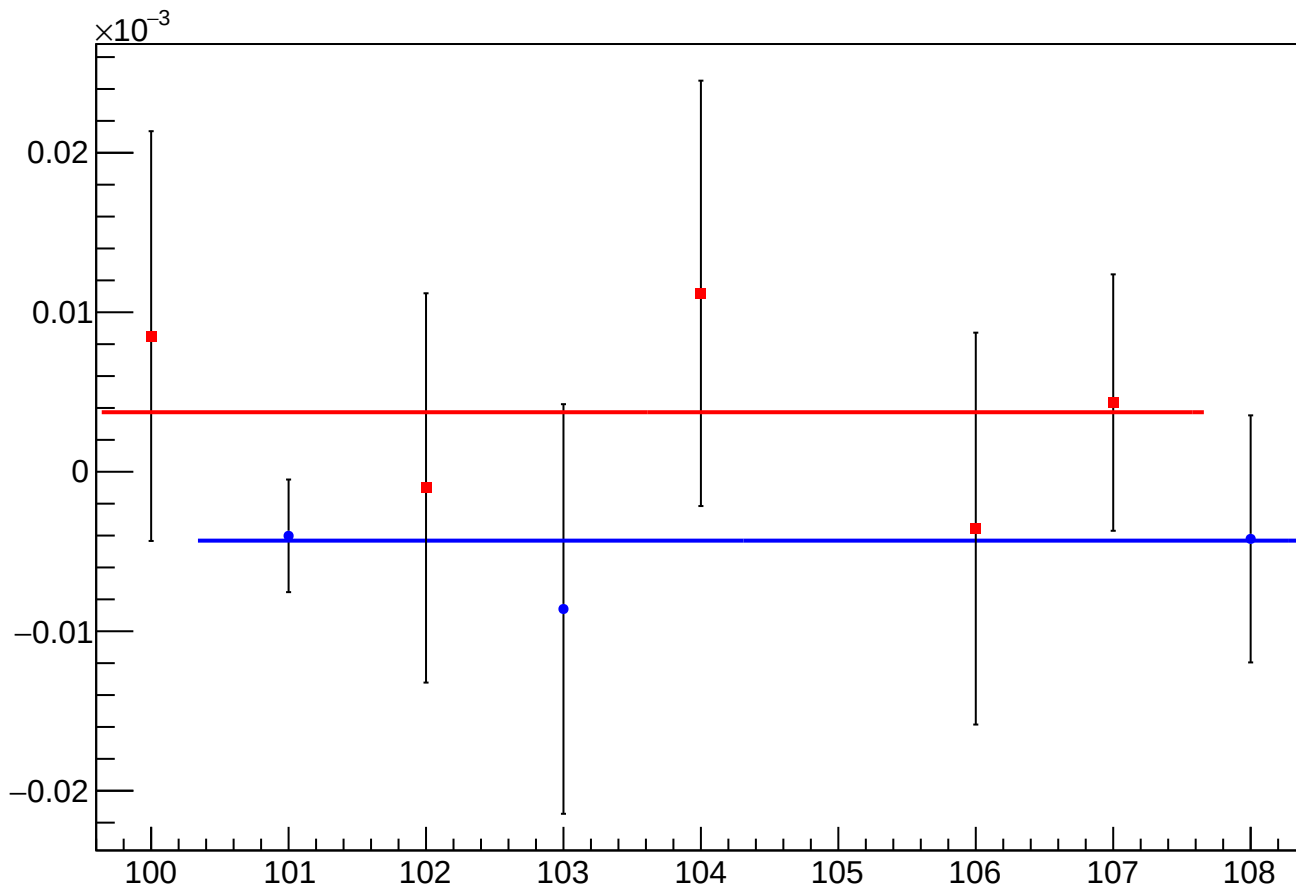
Right: 124.801+/-0.049 χ^2/NDF : 168086.5/7

In: 137.420+/-0.076 χ^2/NDF : 7285.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.801+/-0.049 χ^2/NDF : 168086.5/7

asym_sam_26_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

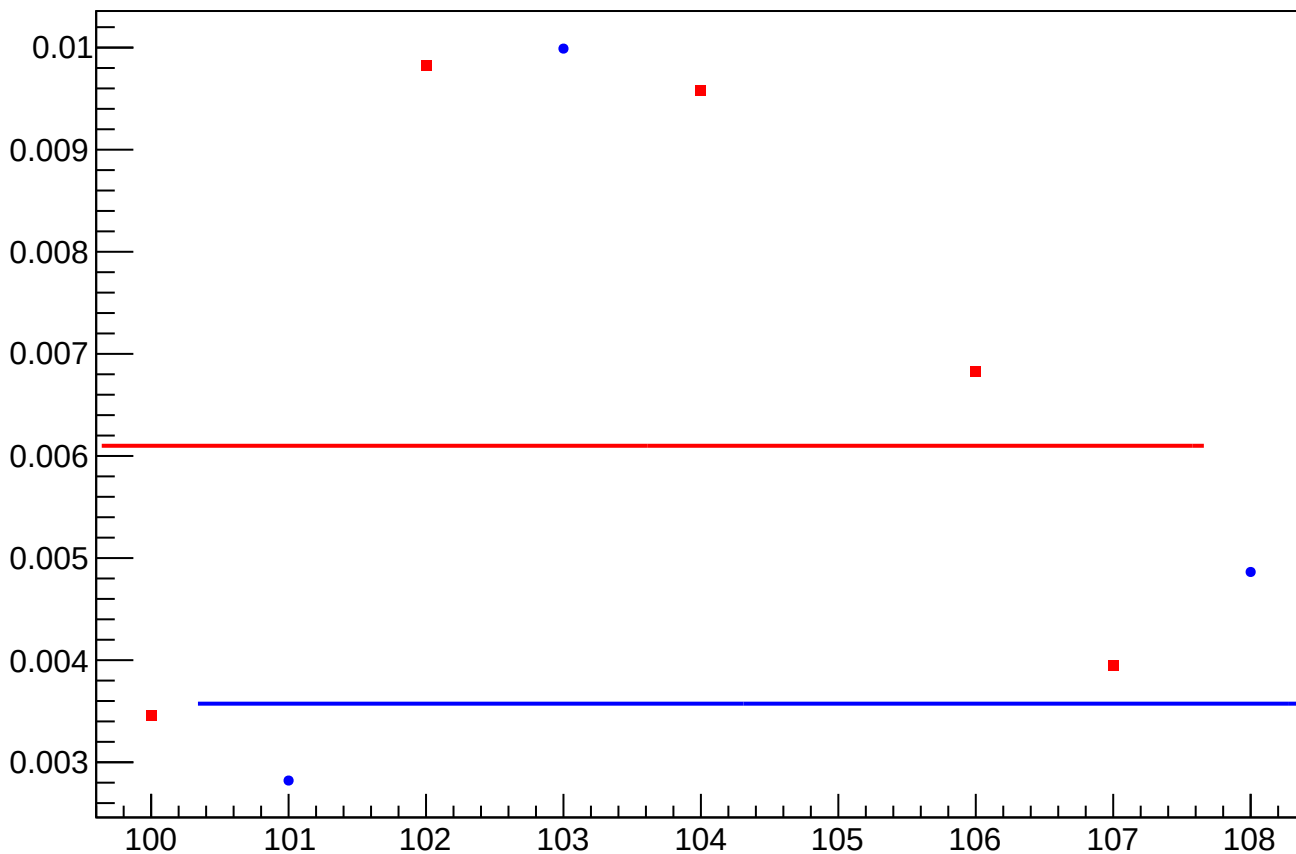
Right: -0.000+/-0.000 χ^2/NDF : 3.0/7

In: -0.000+/-0.000 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.0/7

asym_sam_26_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.000 χ^2/NDF : 645759.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.006 $\pm$ 0.000 χ^2/NDF : 557752.3/4

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

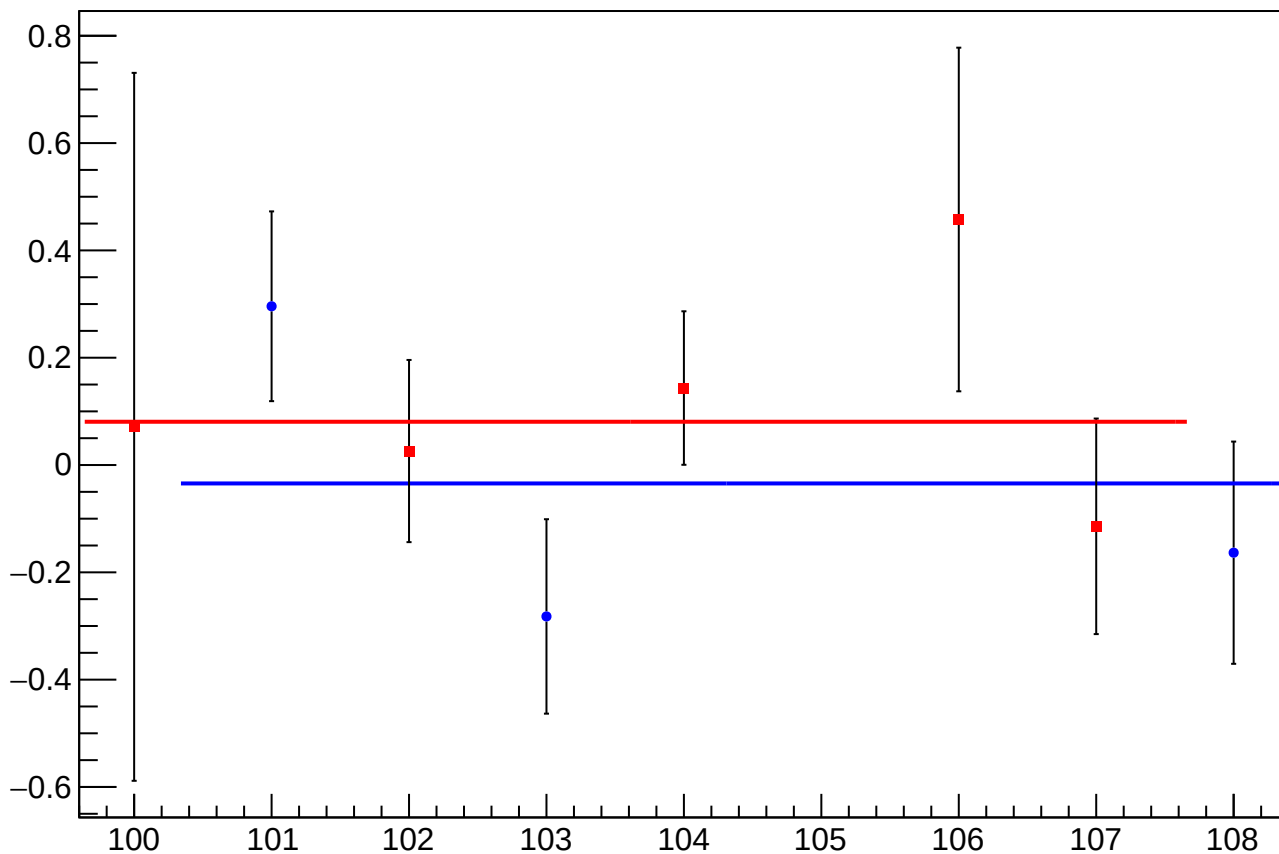
Right: 0.004 $\pm$ 0.000 χ^2/NDF : 1574418.3/7

In: 0.004 $\pm$ 0.000 χ^2/NDF : 645759.1/2

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.004 $\pm$ 0.000 χ^2/NDF : 1574418.3/7

asym_sam_26_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.034 $\pm$ 0.108 χ^2 /NDF: 5.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.081 $\pm$ 0.091 χ^2 /NDF: 2.6/4

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

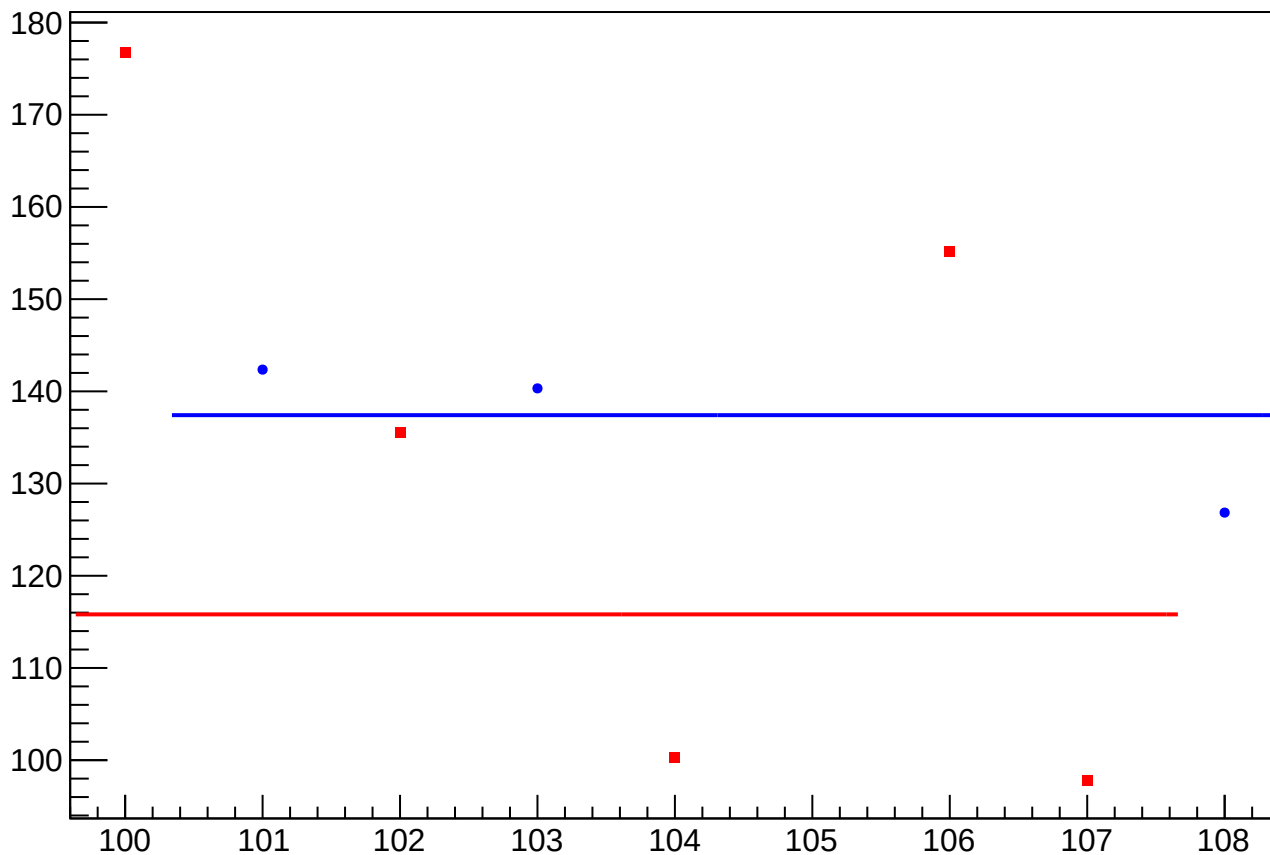
Right: 0.033 $\pm$ 0.070 χ^2 /NDF: 9.0/7

In: -0.034 $\pm$ 0.108 χ^2 /NDF:5.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.033 $\pm$ 0.070 χ^2 /NDF: 9.0/7

asym_sam_26_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 137.420+/-0.076 χ^2/NDF : 7283.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.812+/-0.064 χ^2/NDF : 114030.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

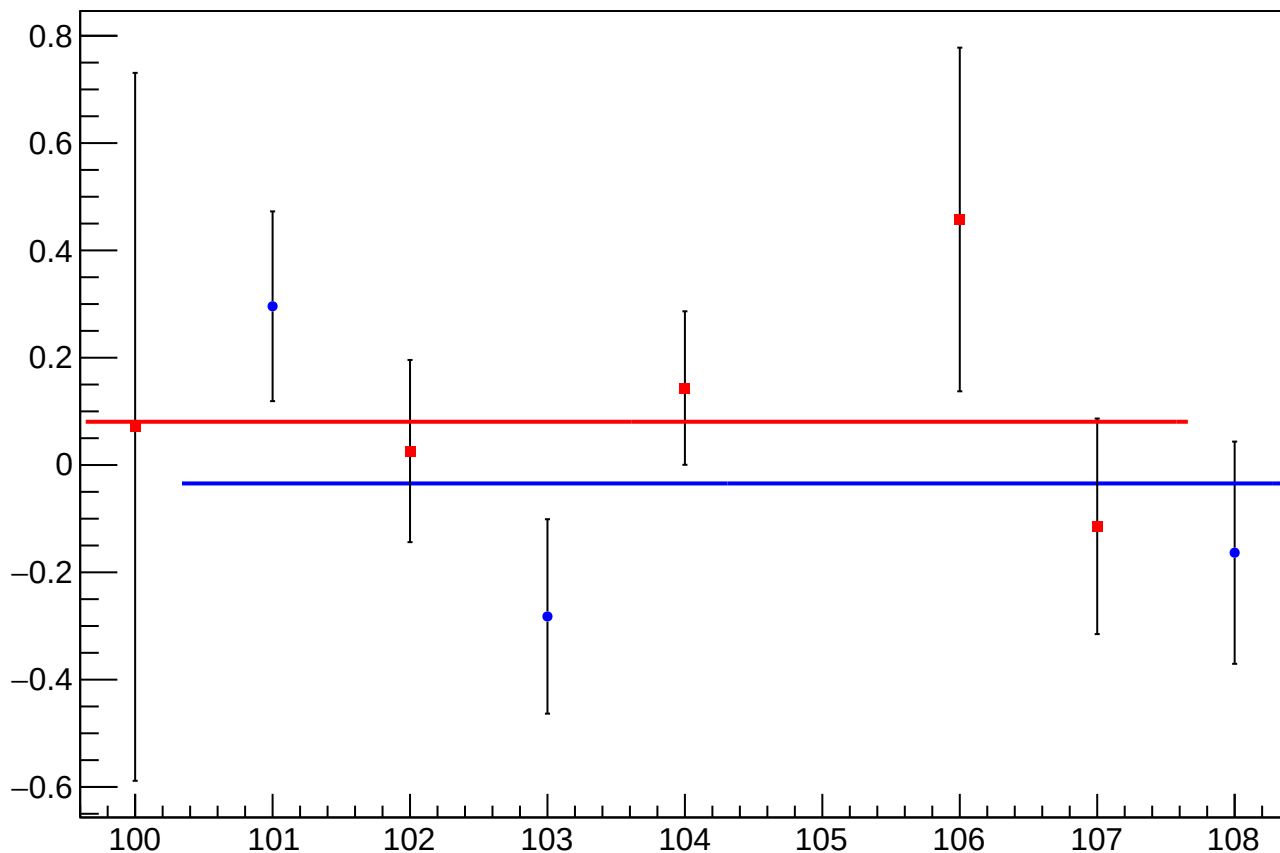
Right: 124.800+/-0.049 χ^2/NDF : 168082.5/7

In: 137.420+/-0.076 χ^2/NDF : 7283.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.800+/-0.049 χ^2/NDF : 168082.5/7

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.034 ± 0.108 χ^2/NDF : 5.7/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.081 ± 0.091 χ^2/NDF : 2.6/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

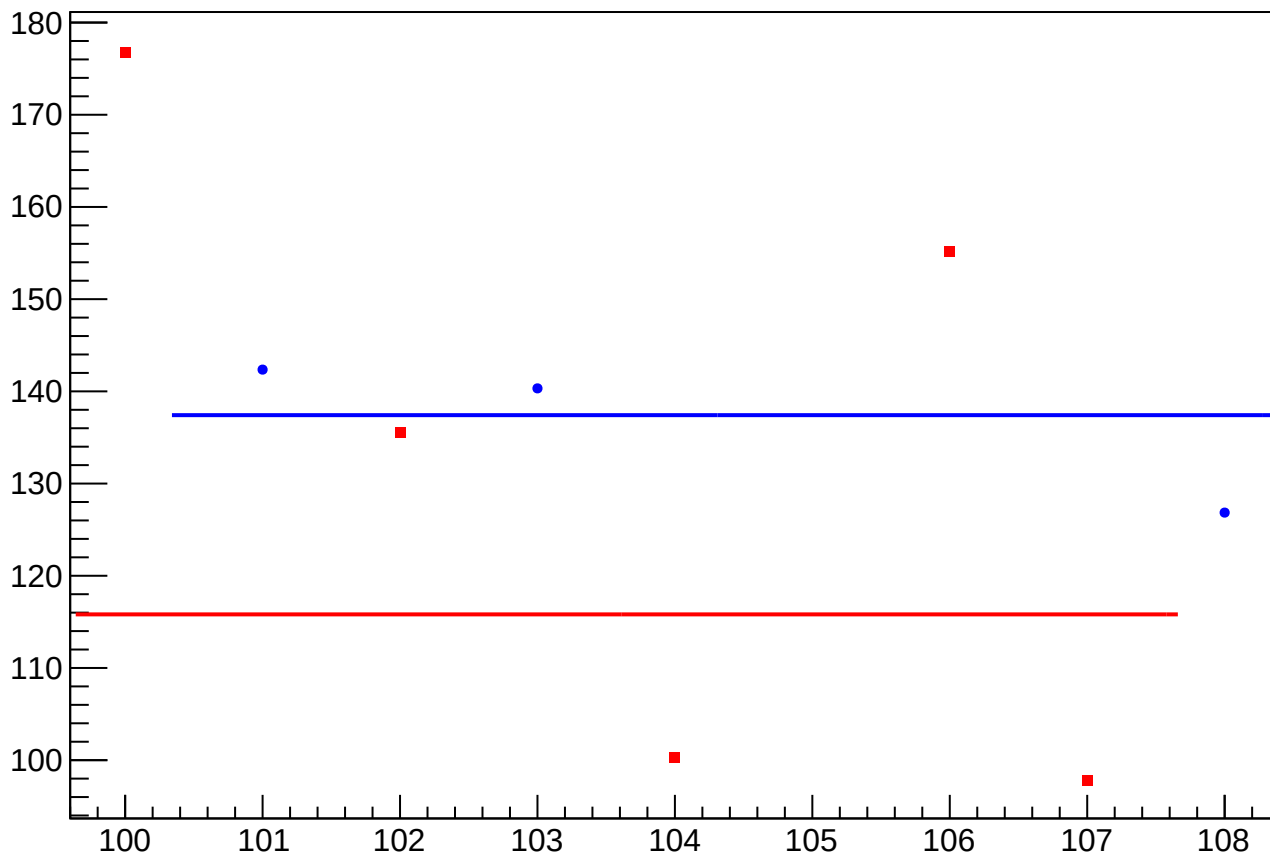
Right: 0.033 ± 0.070 χ^2/NDF : 9.0/7

In: -0.034 ± 0.108 χ^2/NDF : 5.7/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.033 ± 0.070 χ^2/NDF : 9.0/7

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 137.420 ± 0.076 $\chi^2/\text{NDF}: 7283.9/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 115.812 ± 0.064 $\chi^2/\text{NDF}: 114030.3/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

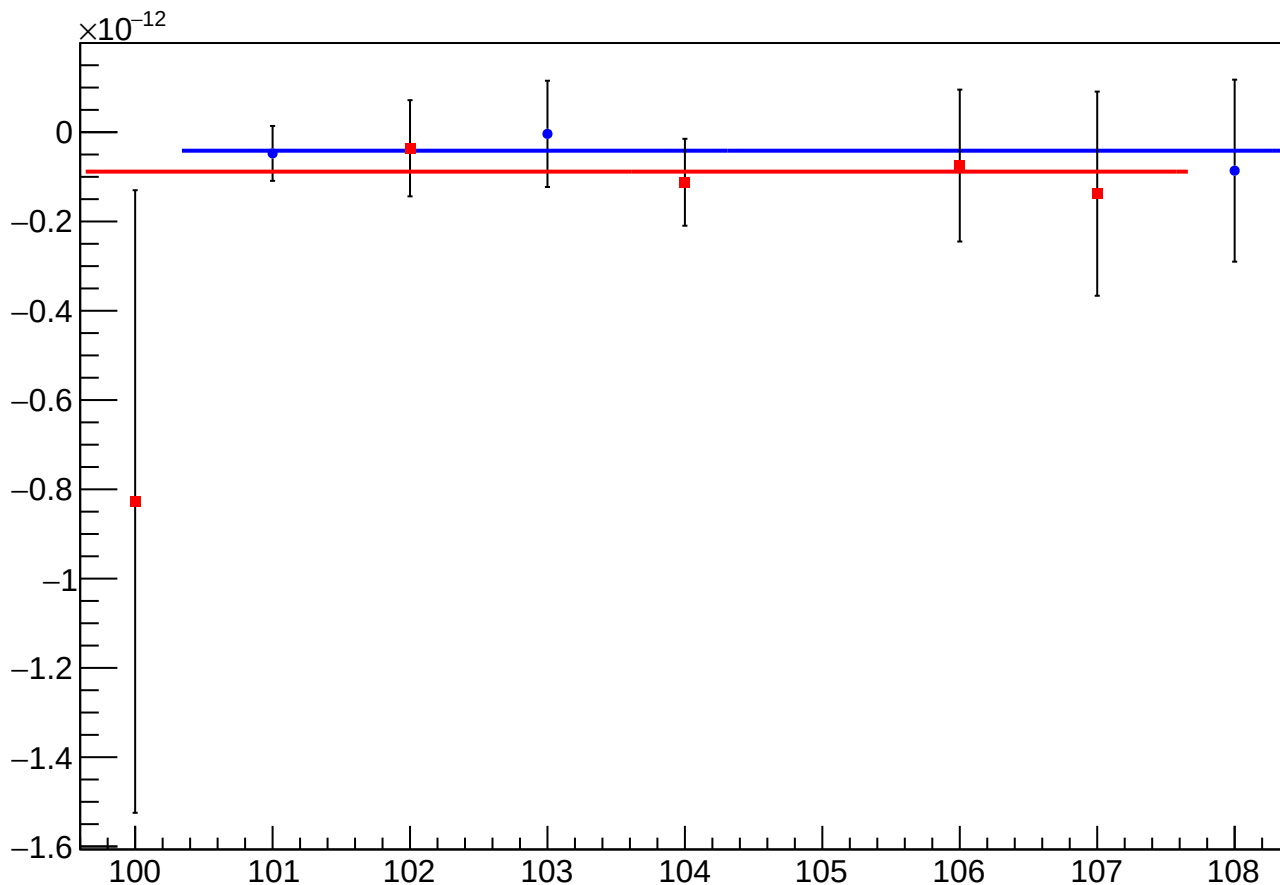
Right: 124.800 ± 0.049 $\chi^2/\text{NDF}: 168082.5/7$

In: 137.420 ± 0.076 $\chi^2/\text{NDF}: 7283.9/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 124.800 ± 0.049 $\chi^2/\text{NDF}: 168082.5/7$

asym_sam_26_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

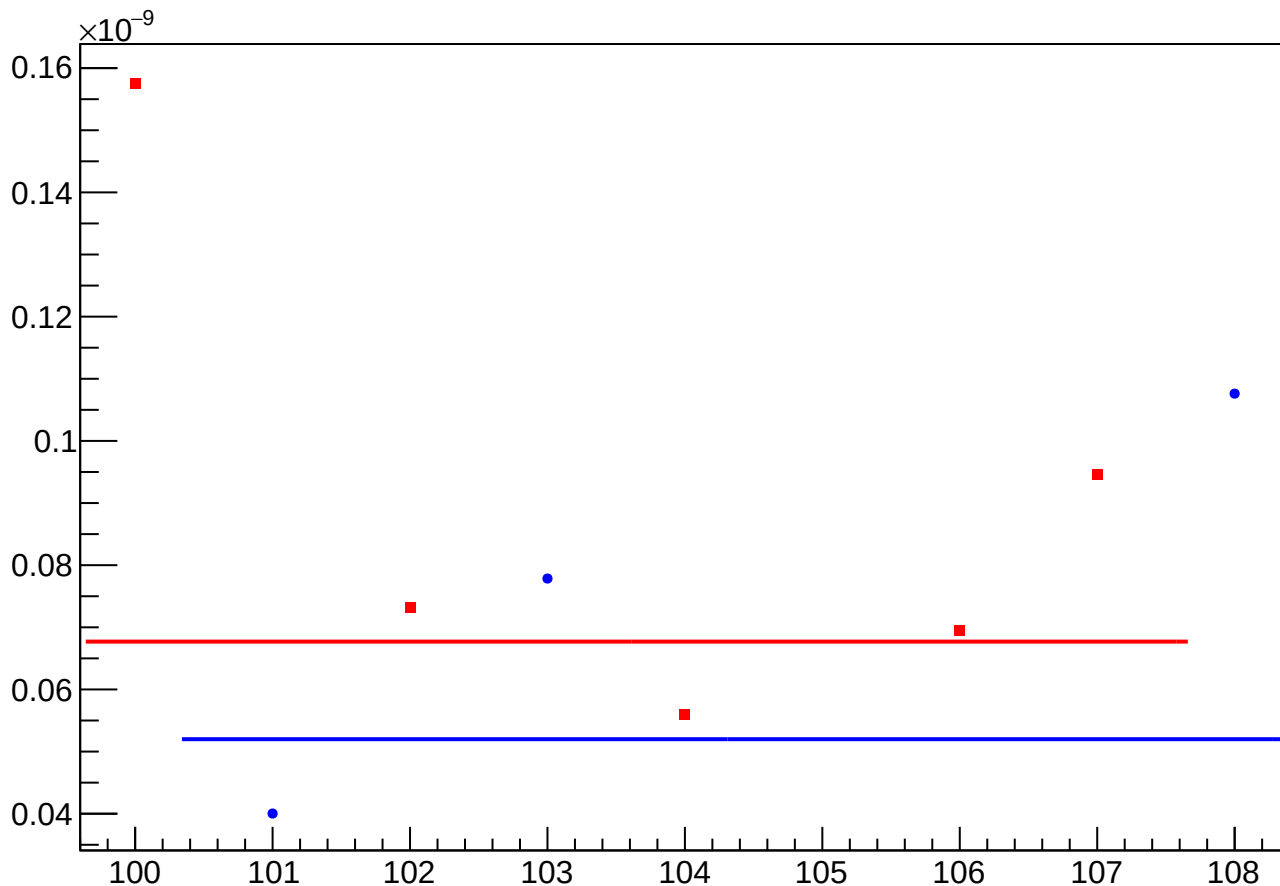
Right: -0.000+/-0.000 χ^2/NDF : 2.0/7

In: -0.000+/-0.000 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 2.0/7

asym_sam_26_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 318895.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 95386.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

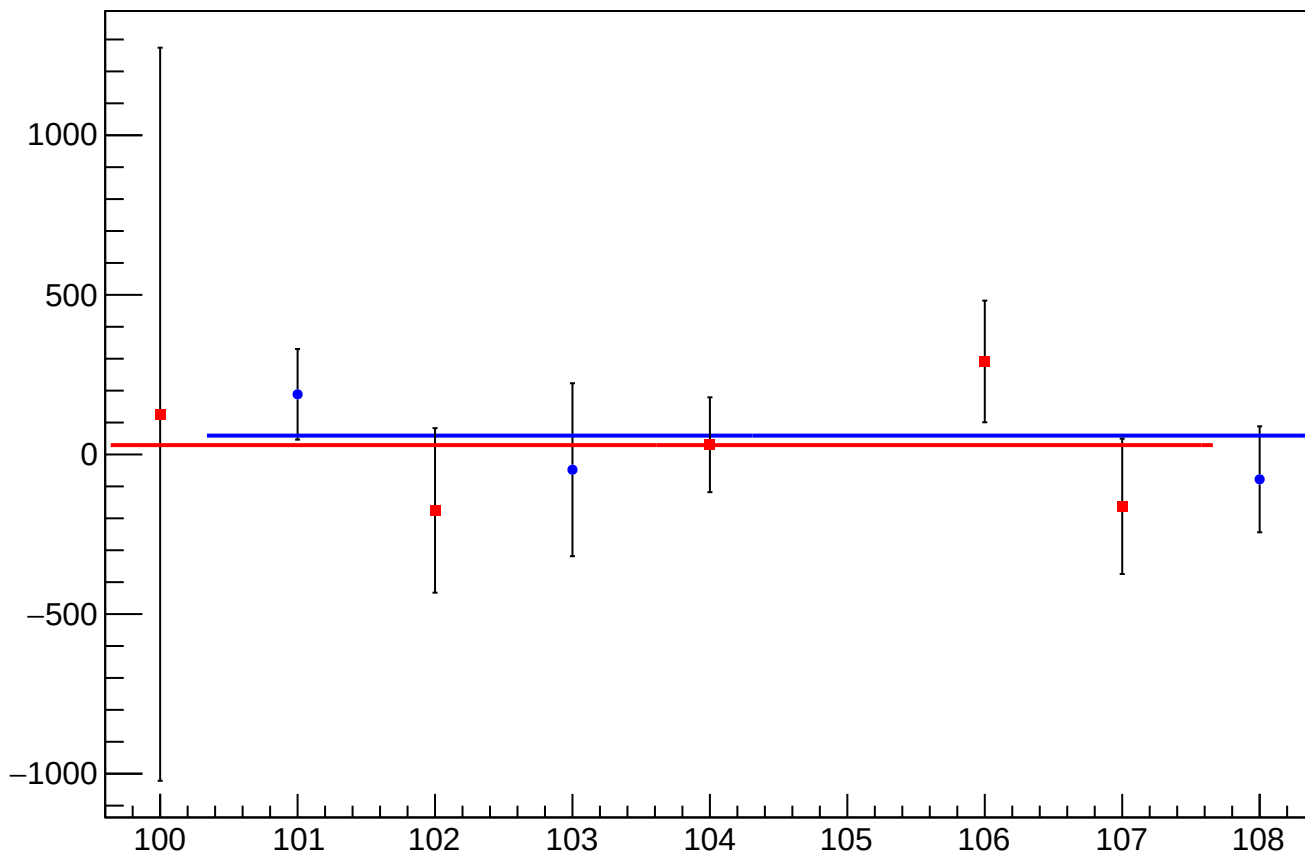
Right: 0.000+/-0.000 χ^2/NDF : 486551.2/7

In: 0.000+/-0.000 χ^2/NDF : 318895.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 486551.2/7

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 59.099+/-100.229 χ^2/NDF : 1.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.312+/-94.974 χ^2/NDF : 3.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

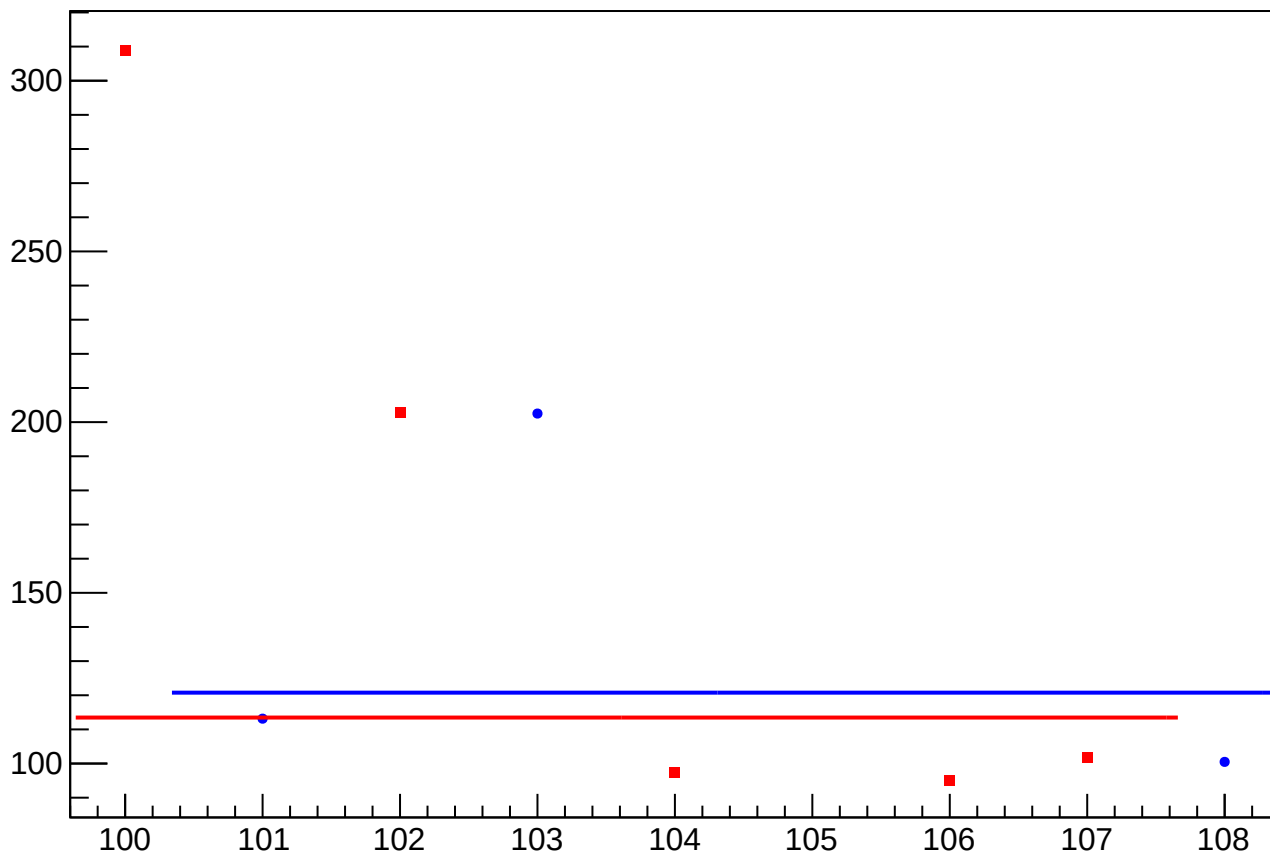
Right: 43.404+/-68.940 χ^2/NDF : 5.1/7

In: 59.099+/-100.229 χ^2/NDF : 1.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.404+/-68.940 χ^2/NDF : 5.1/7

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 120.763+/-0.071 χ^2/NDF : 217699.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.470+/-0.067 χ^2/NDF : 346133.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

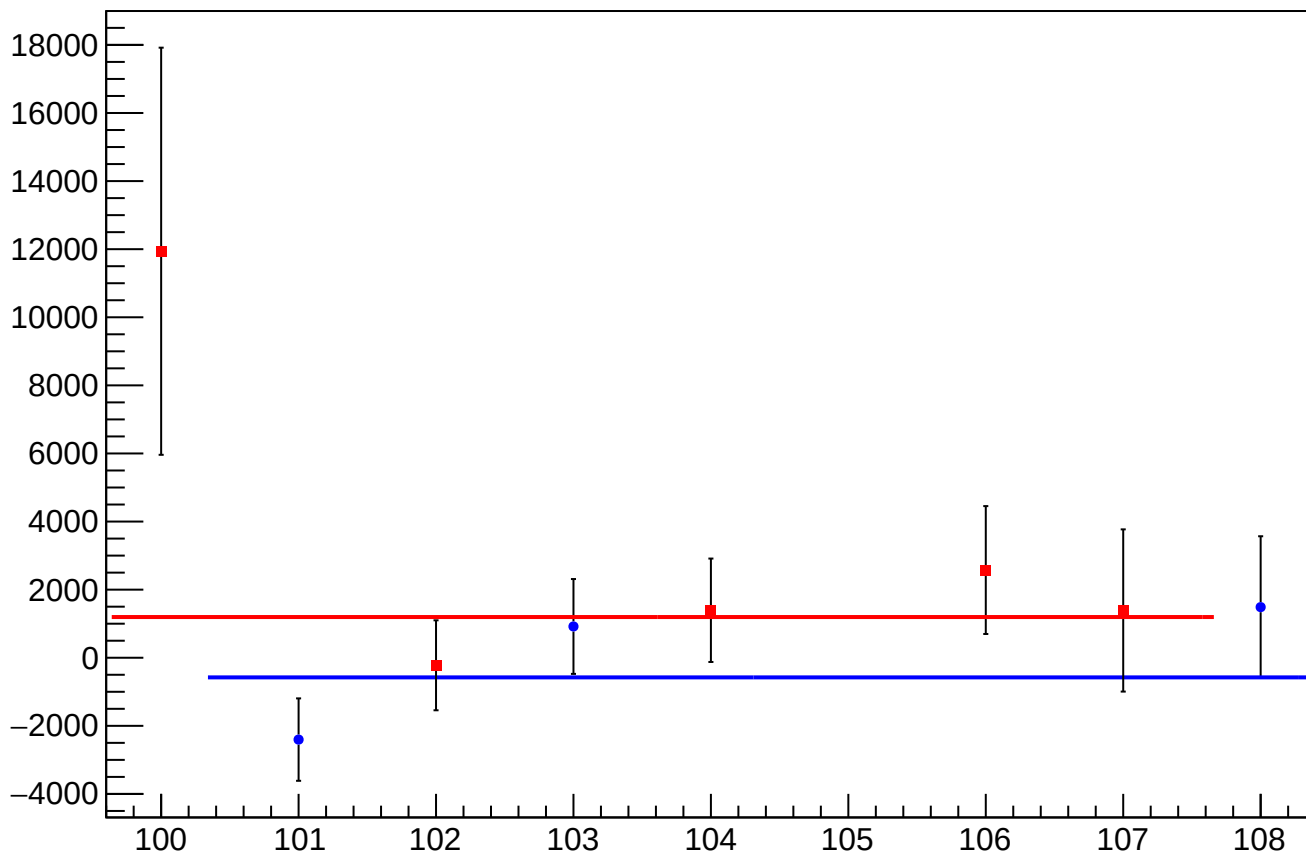
Right: 116.921+/-0.049 χ^2/NDF : 569412.2/7

In: 120.763+/-0.071 χ^2/NDF : 217699.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.921+/-0.049 χ^2/NDF : 569412.2/7

asym_sam_37_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -576.852+/-836.524 χ^2 /NDF: 4.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1195.652+/-818.124 χ^2 /NDF: 4.9/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

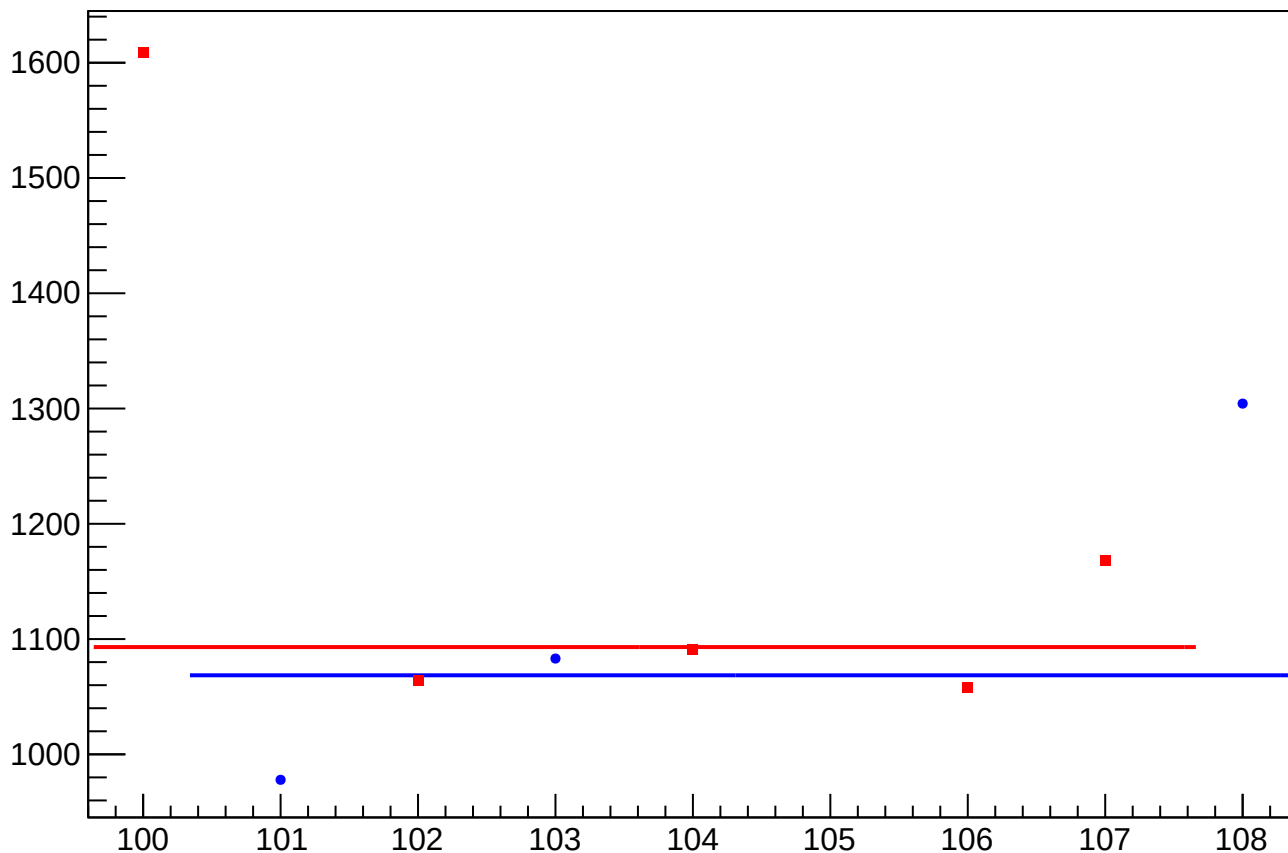
Right: 329.108+/-584.898 χ^2 /NDF: 11.7/7

In: -576.852+/-836.524 χ^2 /NDF:4.4/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 329.108+/-584.898 χ^2 /NDF: 11.7/7

asym_sam_37_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1068.570+/-0.592 χ^2/NDF : 37093.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1093.066+/-0.579 χ^2/NDF : 18560.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

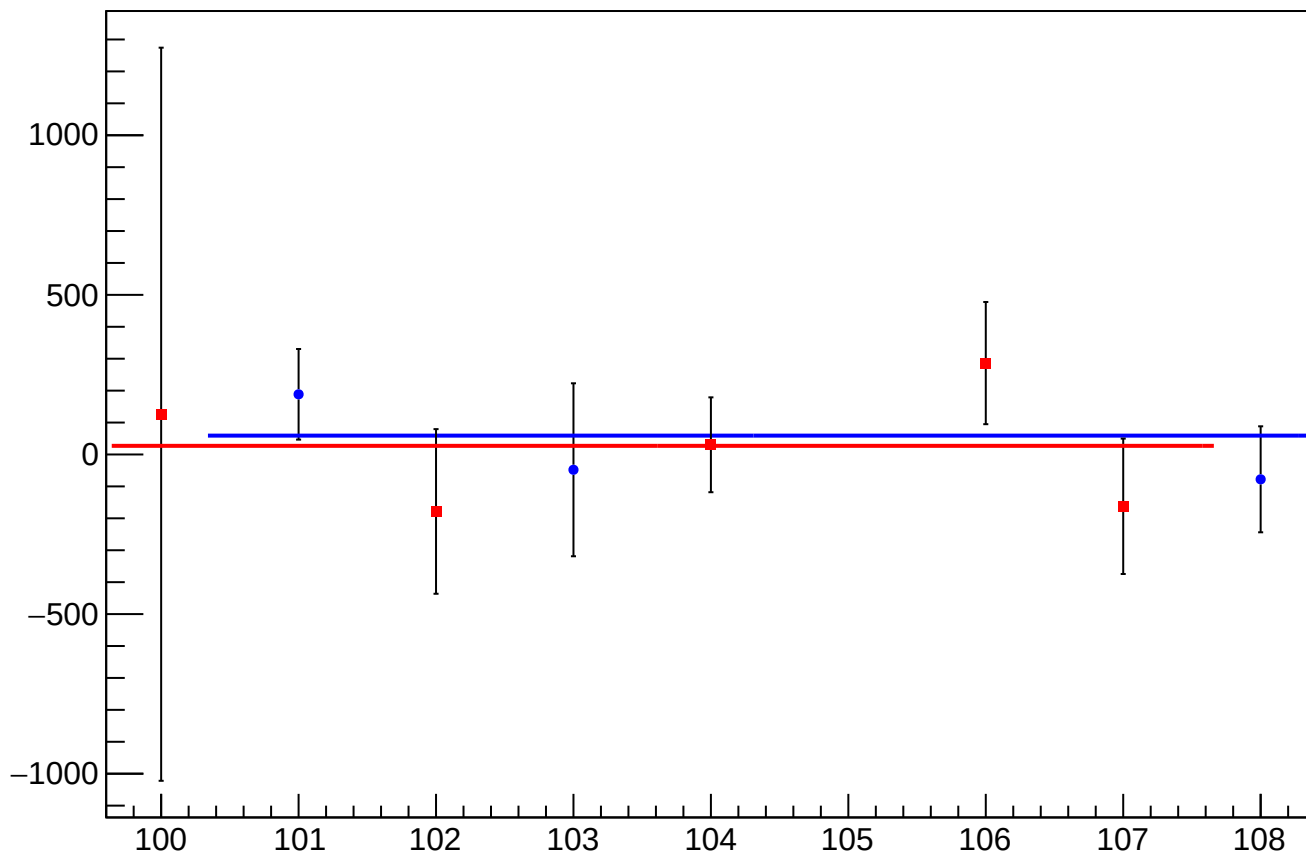
Right: 1081.090+/-0.414 χ^2/NDF : 56530.8/7

In: 1068.570+/-0.592 χ^2/NDF : 37093.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1081.090+/-0.414 χ^2/NDF : 56530.8/7

cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 59.065+/-100.229 χ^2/NDF : 1.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.061+/-95.081 χ^2/NDF : 3.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

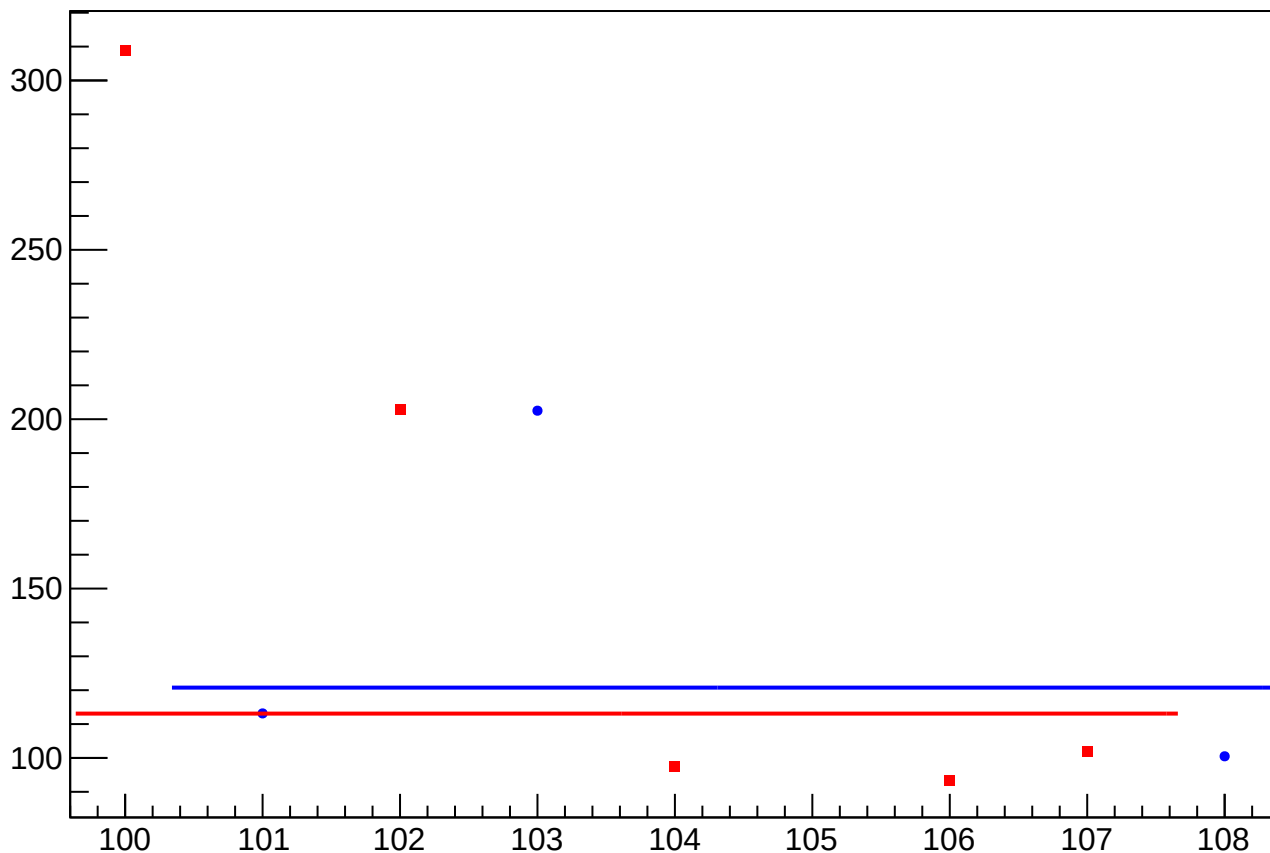
Right: 42.220+/-68.981 χ^2/NDF : 5.0/7

In: 59.065+/-100.229 χ^2/NDF : 1.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.220+/-68.981 χ^2/NDF : 5.0/7

cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 120.763 $\pm$ 0.071 χ^2 /NDF: 217701.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 113.092 $\pm$ 0.067 χ^2 /NDF: 349737.2/4

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

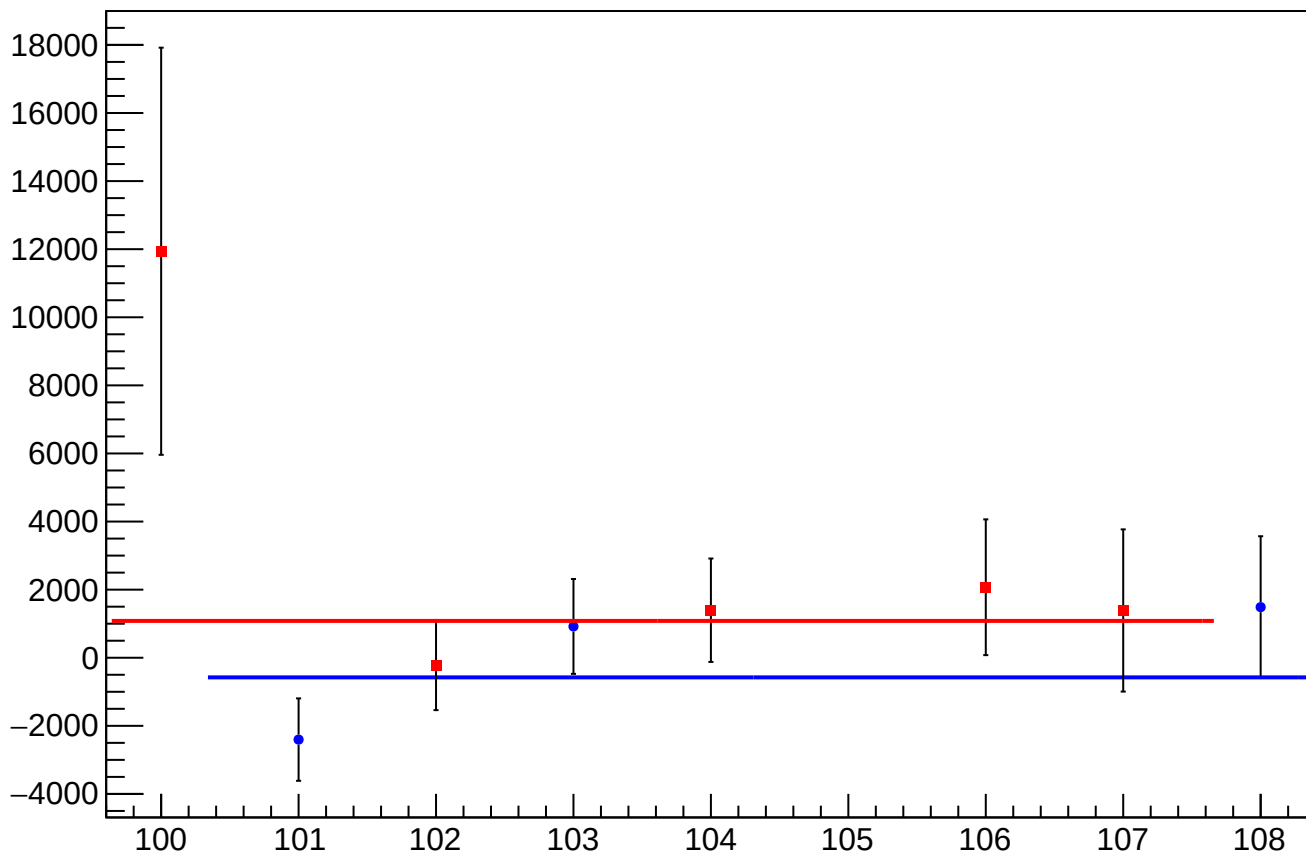
Right: 116.726 $\pm$ 0.049 χ^2 /NDF: 573605.1/7

In: 120.763 $\pm$ 0.071 χ^2 /NDF:217701.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 116.726 $\pm$ 0.049 χ^2 /NDF: 573605.1/7

asym_sam_37_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -576.804+/-836.556 χ^2/NDF : 4.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1081.968+/-827.304 χ^2/NDF : 4.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

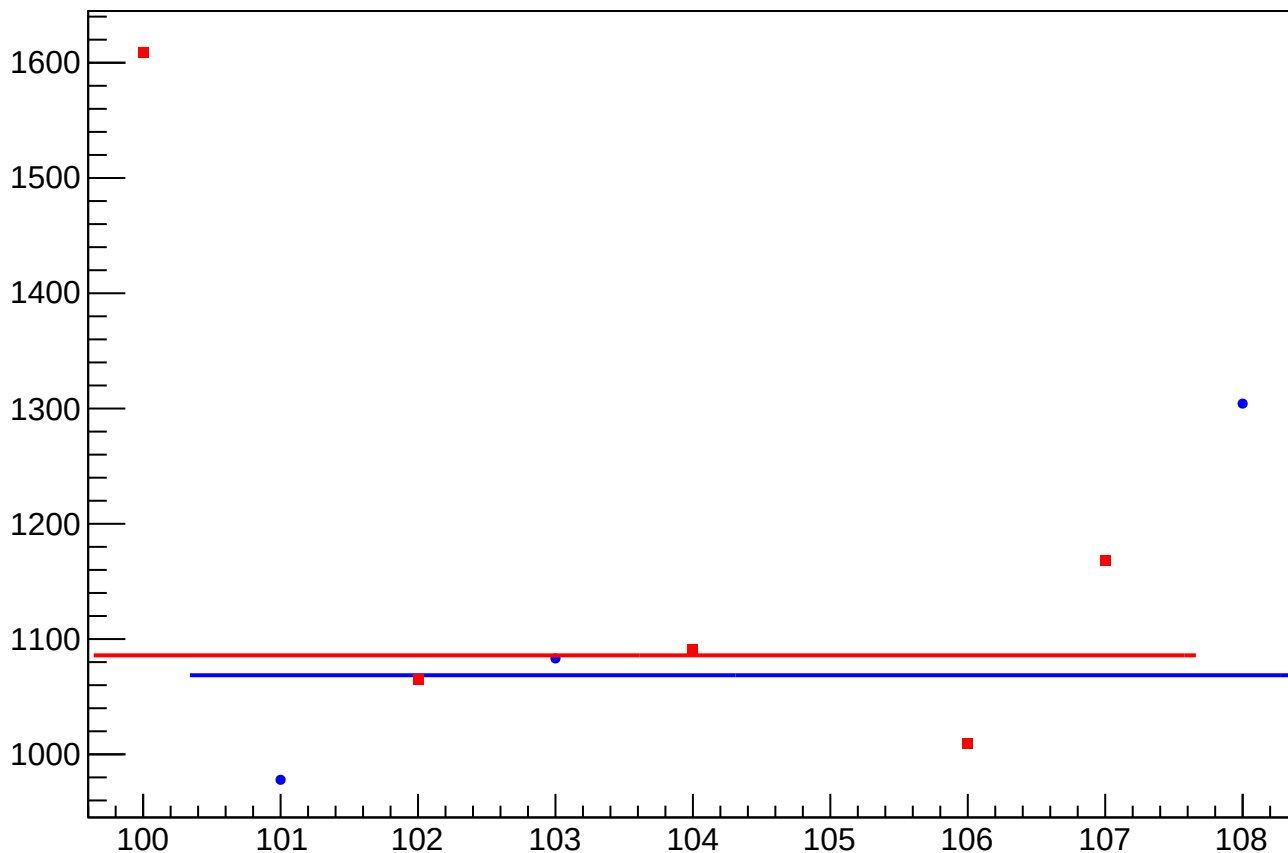
Right: 261.805+/-588.236 χ^2/NDF : 11.0/7

In: -576.804+/-836.556 χ^2/NDF : 4.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 261.805+/-588.236 χ^2/NDF : 11.0/7

asym_sam_37_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1068.609+/-0.592 χ^2/NDF : 37096.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1085.880+/-0.585 χ^2/NDF : 21176.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

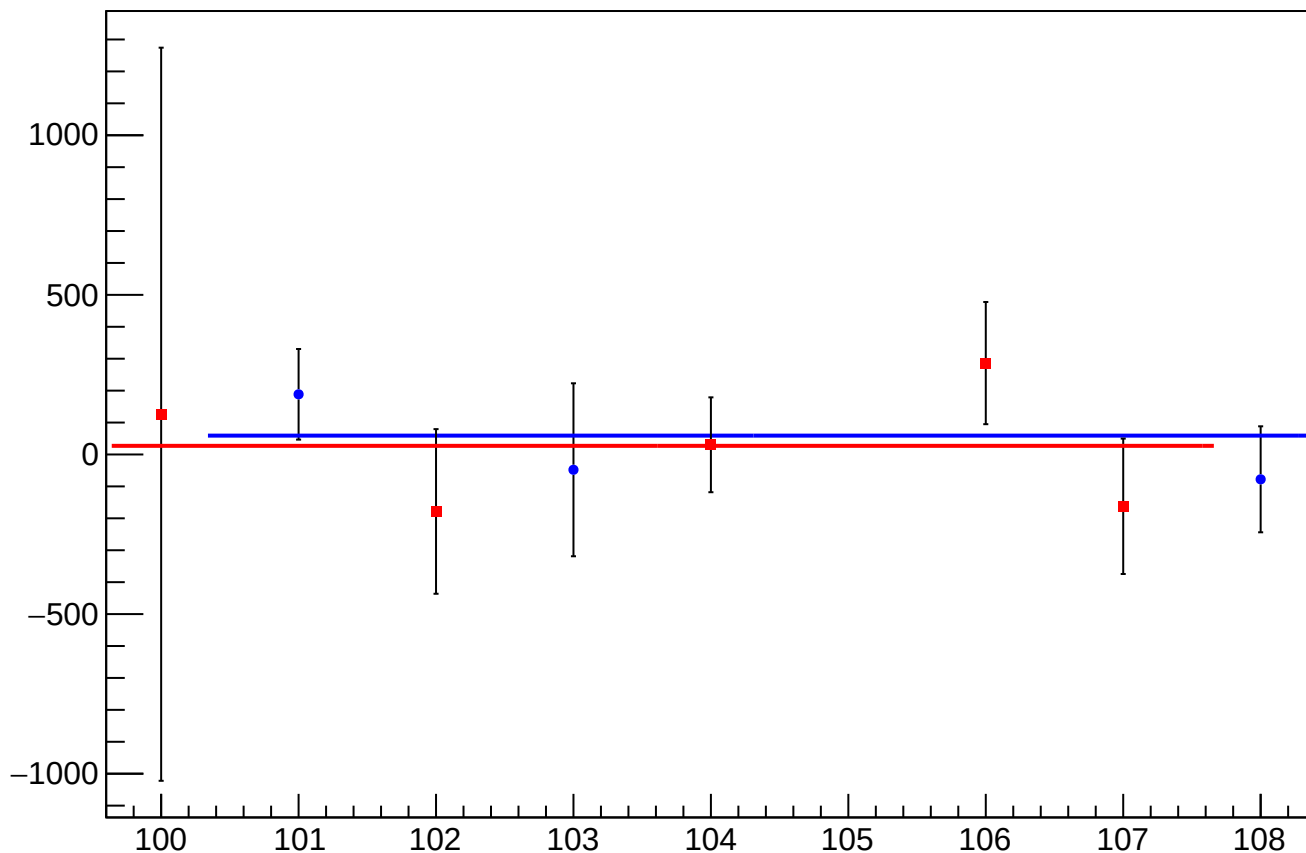
Right: 1077.341+/-0.416 χ^2/NDF : 58704.0/7

In: 1068.609+/-0.592 χ^2/NDF : 37096.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1077.341+/-0.416 χ^2/NDF : 58704.0/7

eigen_cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 59.065+/-100.229 χ^2/NDF : 1.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.061+/-95.081 χ^2/NDF : 3.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

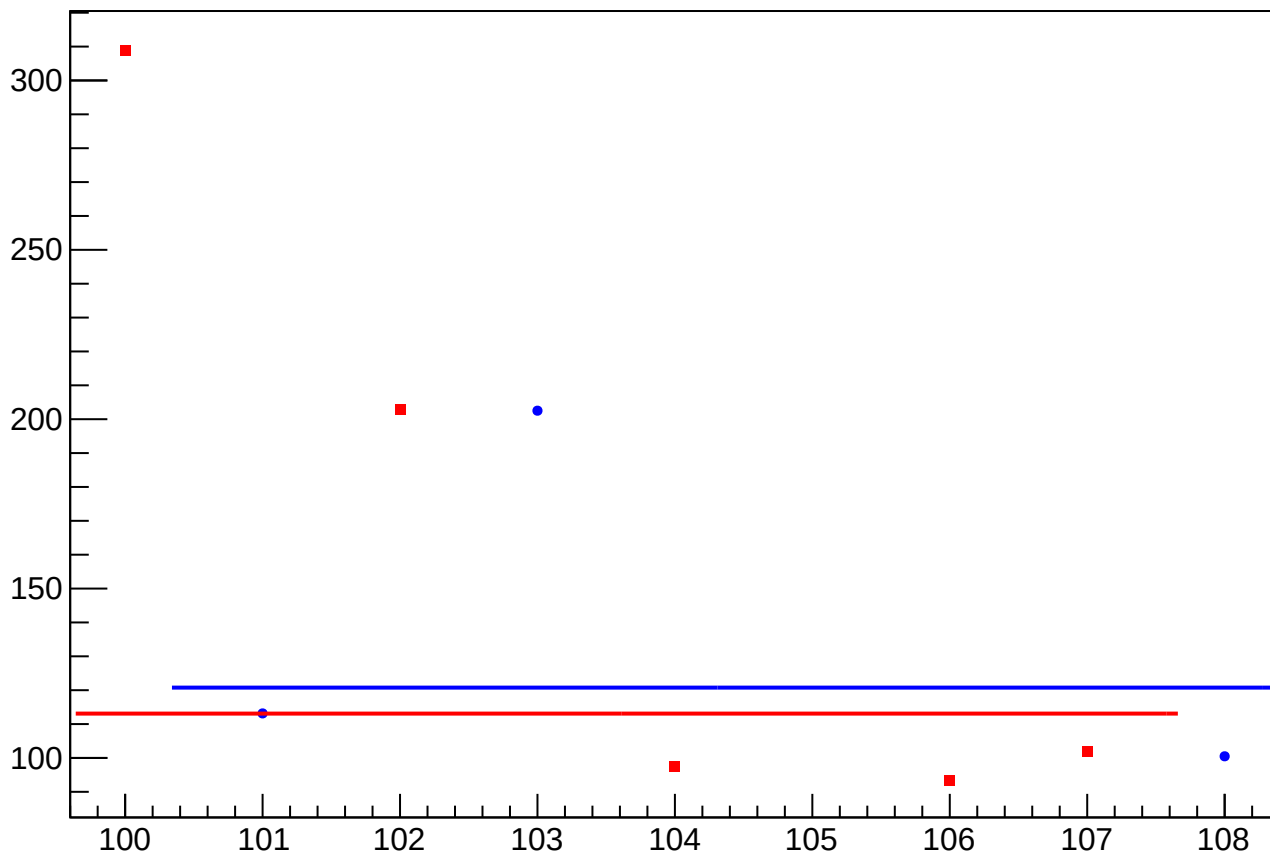
Right: 42.220+/-68.981 χ^2/NDF : 5.0/7

In: 59.065+/-100.229 χ^2/NDF : 1.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.220+/-68.981 χ^2/NDF : 5.0/7

eigen_cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 120.763 $\pm$ 0.071 χ^2 /NDF: 217701.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 113.092 $\pm$ 0.067 χ^2 /NDF: 349737.2/4

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

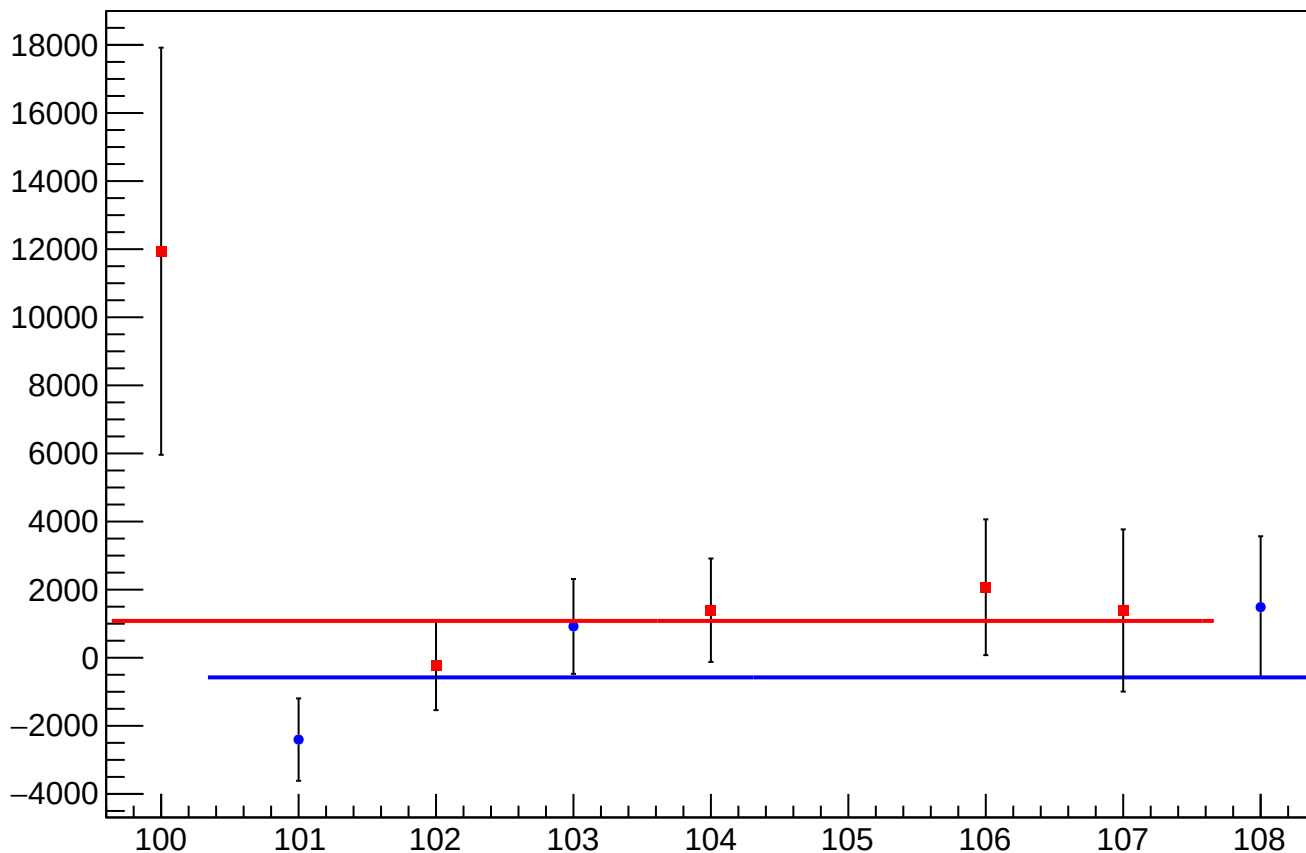
Right: 116.726 $\pm$ 0.049 χ^2 /NDF: 573605.1/7

In: 120.763 $\pm$ 0.071 χ^2 /NDF:217701.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 116.726 $\pm$ 0.049 χ^2 /NDF: 573605.1/7

asym_sam_37_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -576.804+/-836.556 χ^2/NDF : 4.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1081.968+/-827.304 χ^2/NDF : 4.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

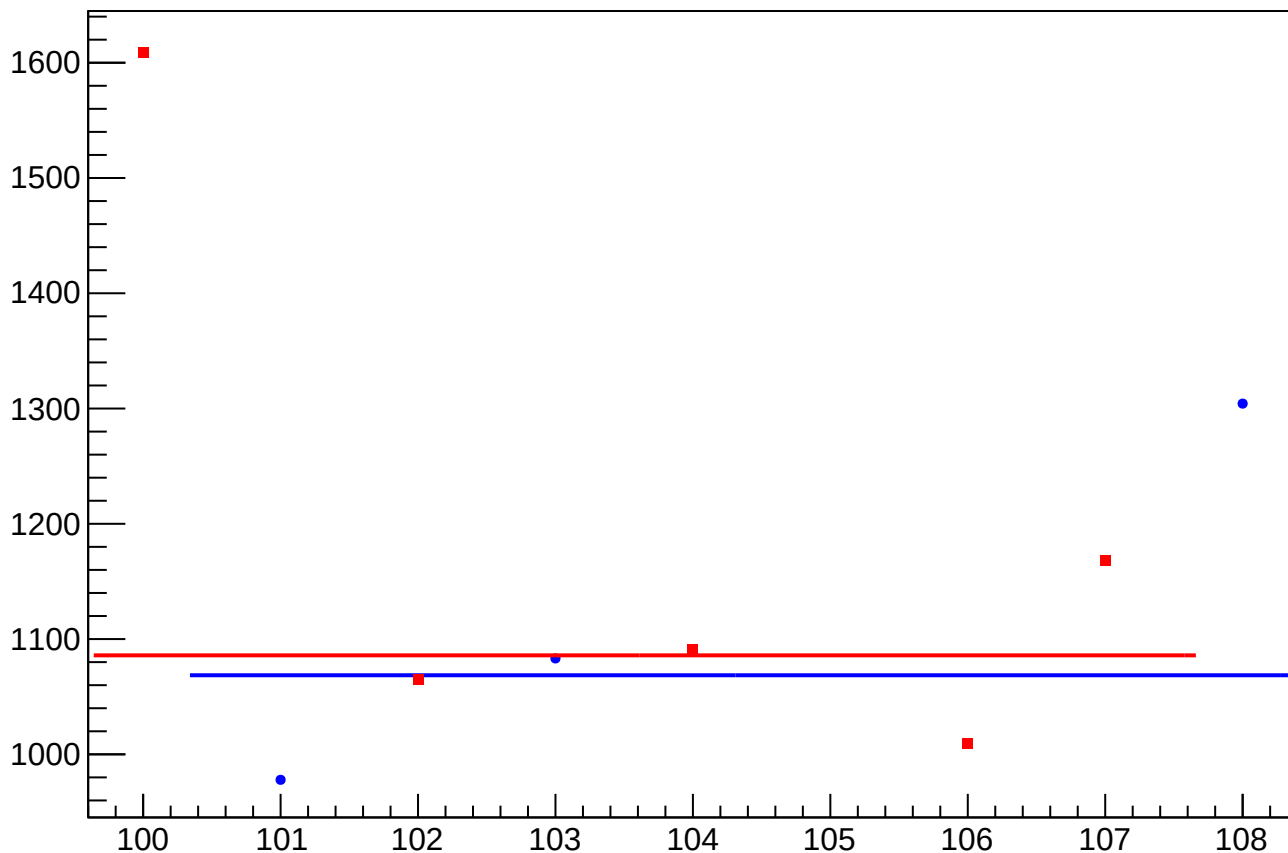
Right: 261.805+/-588.236 χ^2/NDF : 11.0/7

In: -576.804+/-836.556 χ^2/NDF : 4.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 261.805+/-588.236 χ^2/NDF : 11.0/7

asym_sam_37_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1068.609+/-0.592 χ^2/NDF : 37096.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1085.880+/-0.585 χ^2/NDF : 21176.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

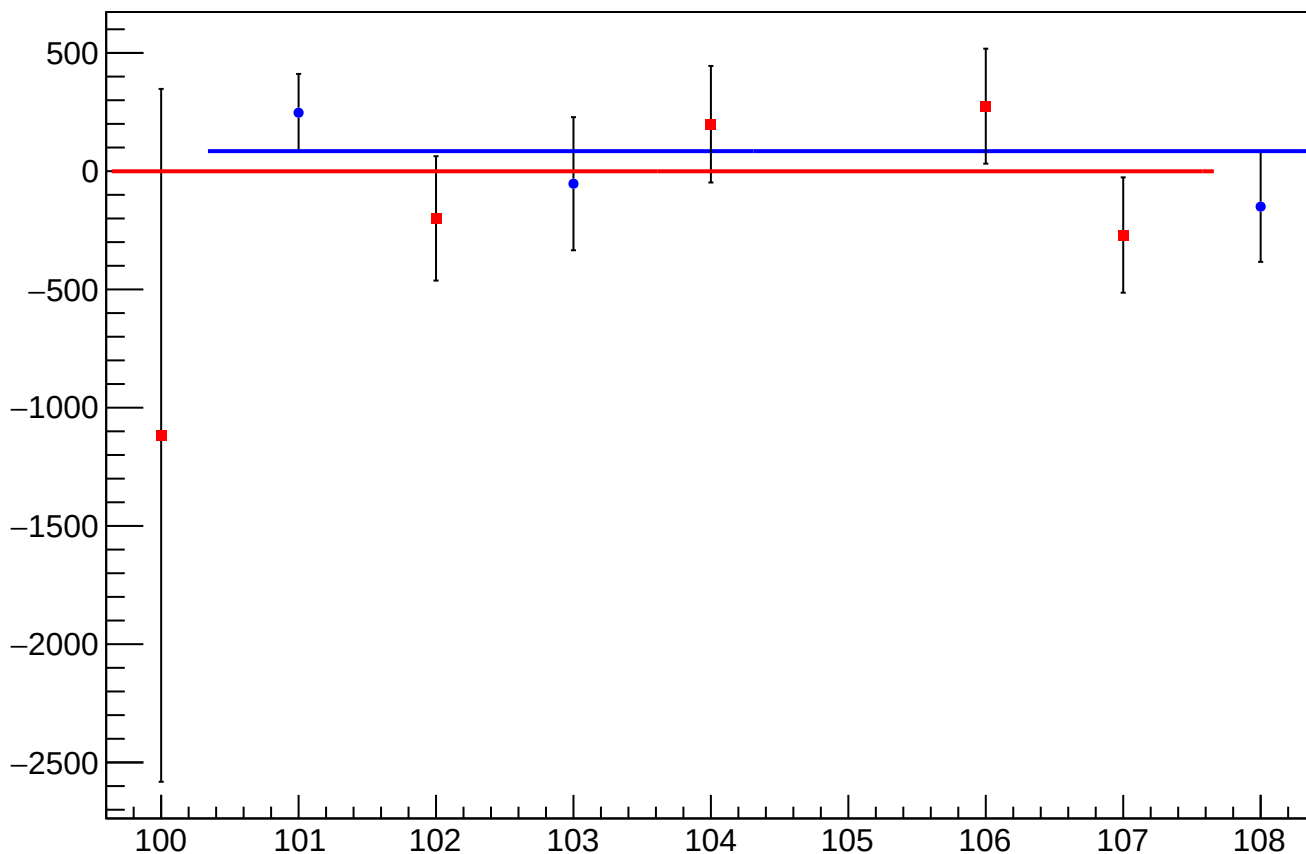
Right: 1077.341+/-0.416 χ^2/NDF : 58704.0/7

In: 1068.609+/-0.592 χ^2/NDF : 37096.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1077.341+/-0.416 χ^2/NDF : 58704.0/7

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 84.723+/-121.141 χ^2/NDF : 2.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.427+/-123.898 χ^2/NDF : 4.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

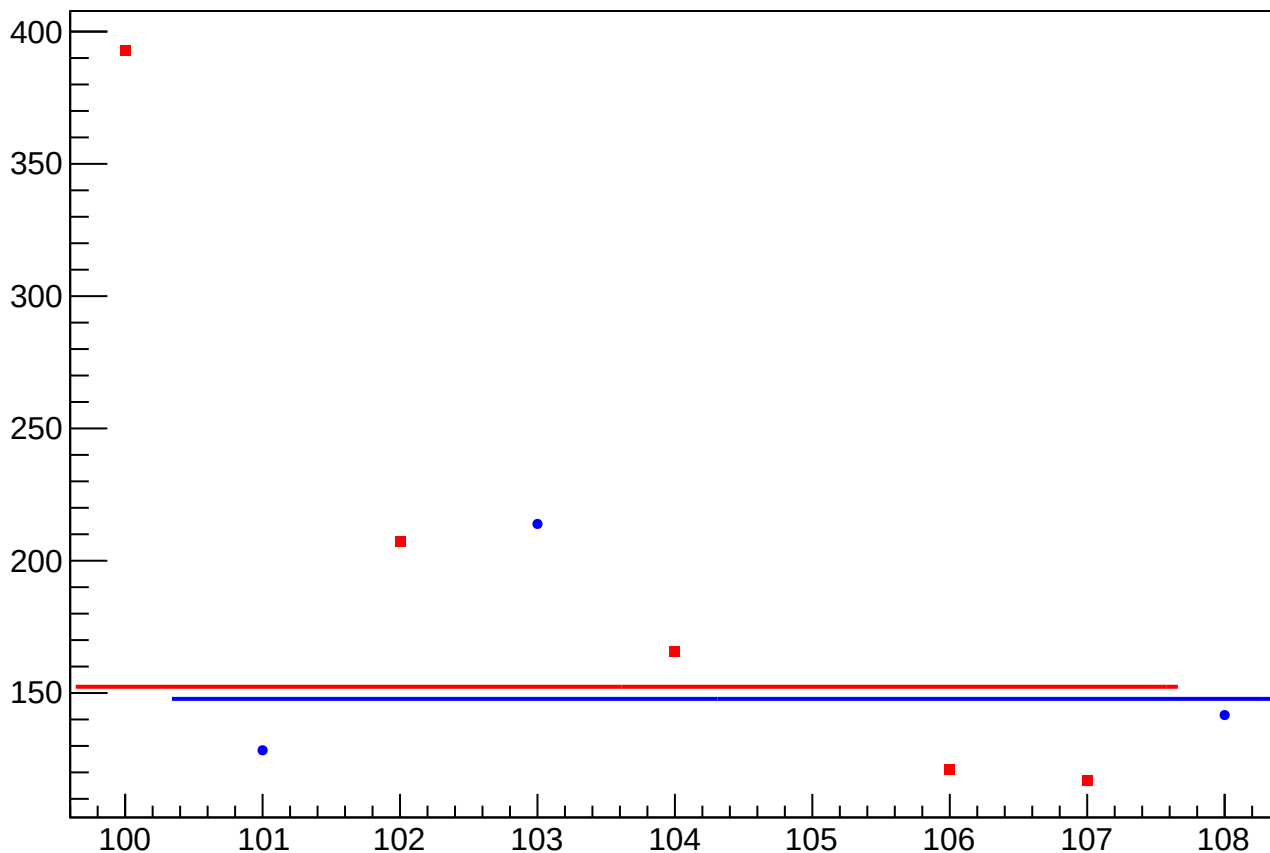
Right: 43.106+/-86.618 χ^2/NDF : 6.8/7

In: 84.723+/-121.141 χ^2/NDF : 2.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.106+/-86.618 χ^2/NDF : 6.8/7

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 147.784+/-0.086 χ^2/NDF : 139871.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.361+/-0.088 χ^2/NDF : 221302.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

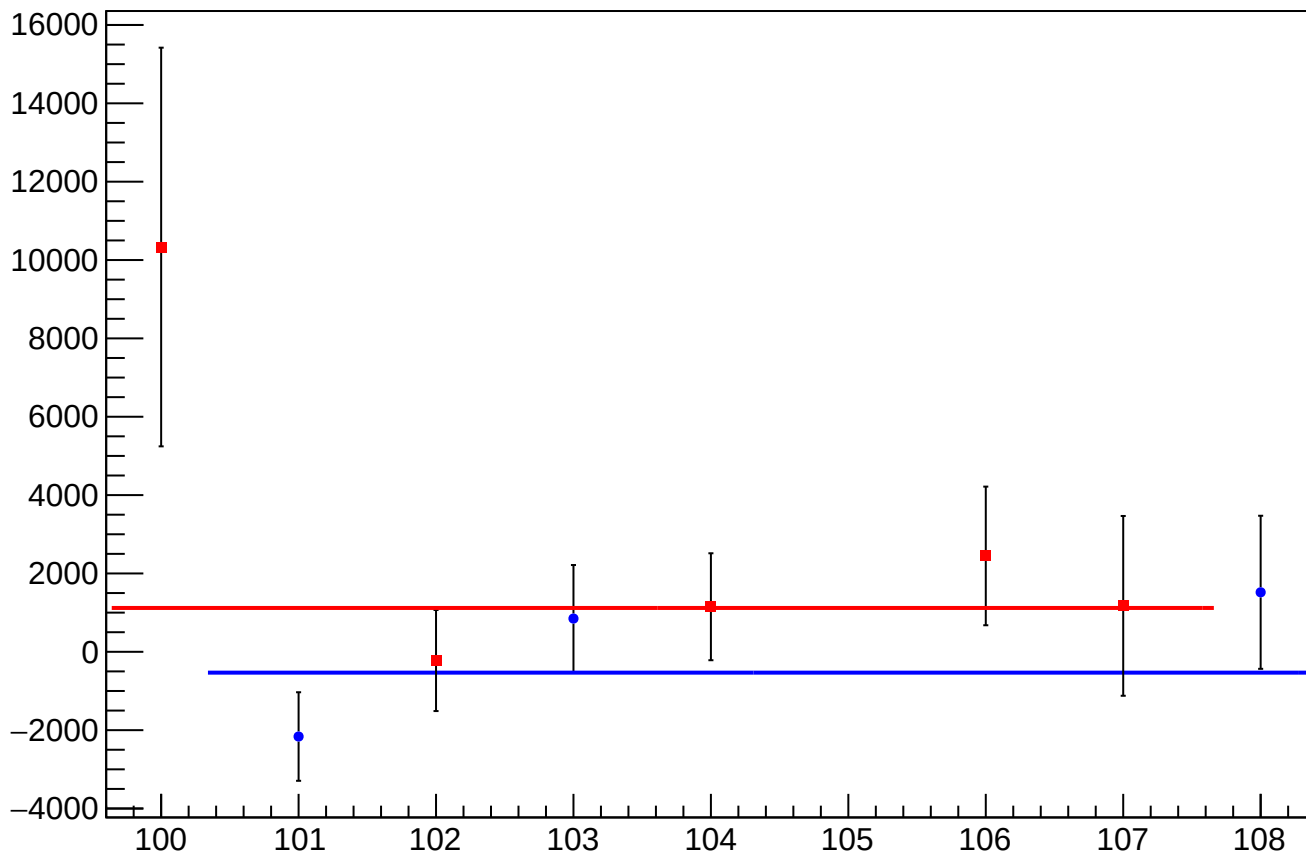
Right: 150.021+/-0.061 χ^2/NDF : 362568.9/7

In: 147.784+/-0.086 χ^2/NDF : 139871.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.021+/-0.061 χ^2/NDF : 362568.9/7

asym_sam_37_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -531.873+/-795.404 χ^2/NDF : 4.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1119.246+/-770.156 χ^2/NDF : 4.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

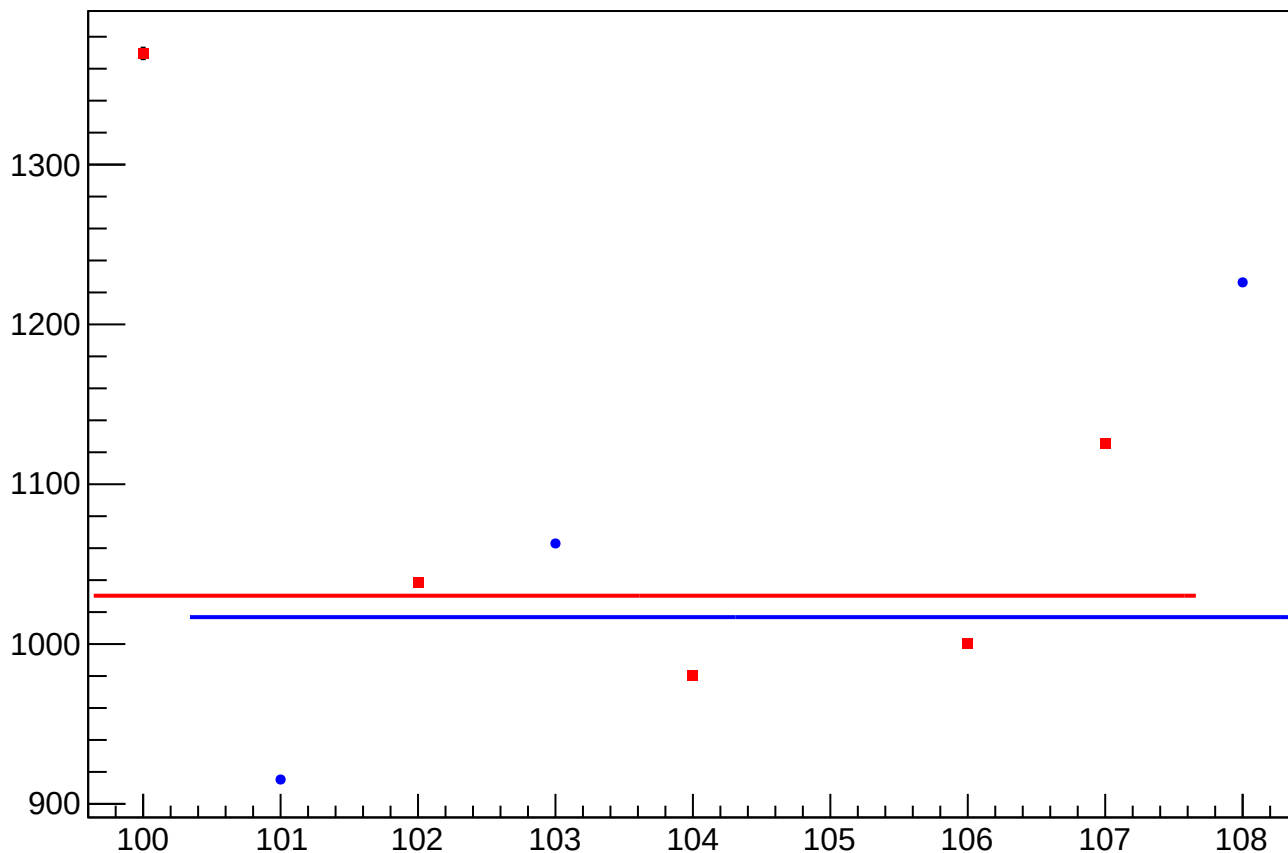
Right: 320.308+/-553.293 χ^2/NDF : 11.4/7

In: -531.873+/-795.404 χ^2/NDF : 4.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 320.308+/-553.293 χ^2/NDF : 11.4/7

asym_sam_37_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1016.853+/-0.562 χ^2/NDF : 41431.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1030.254+/-0.545 χ^2/NDF : 15659.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

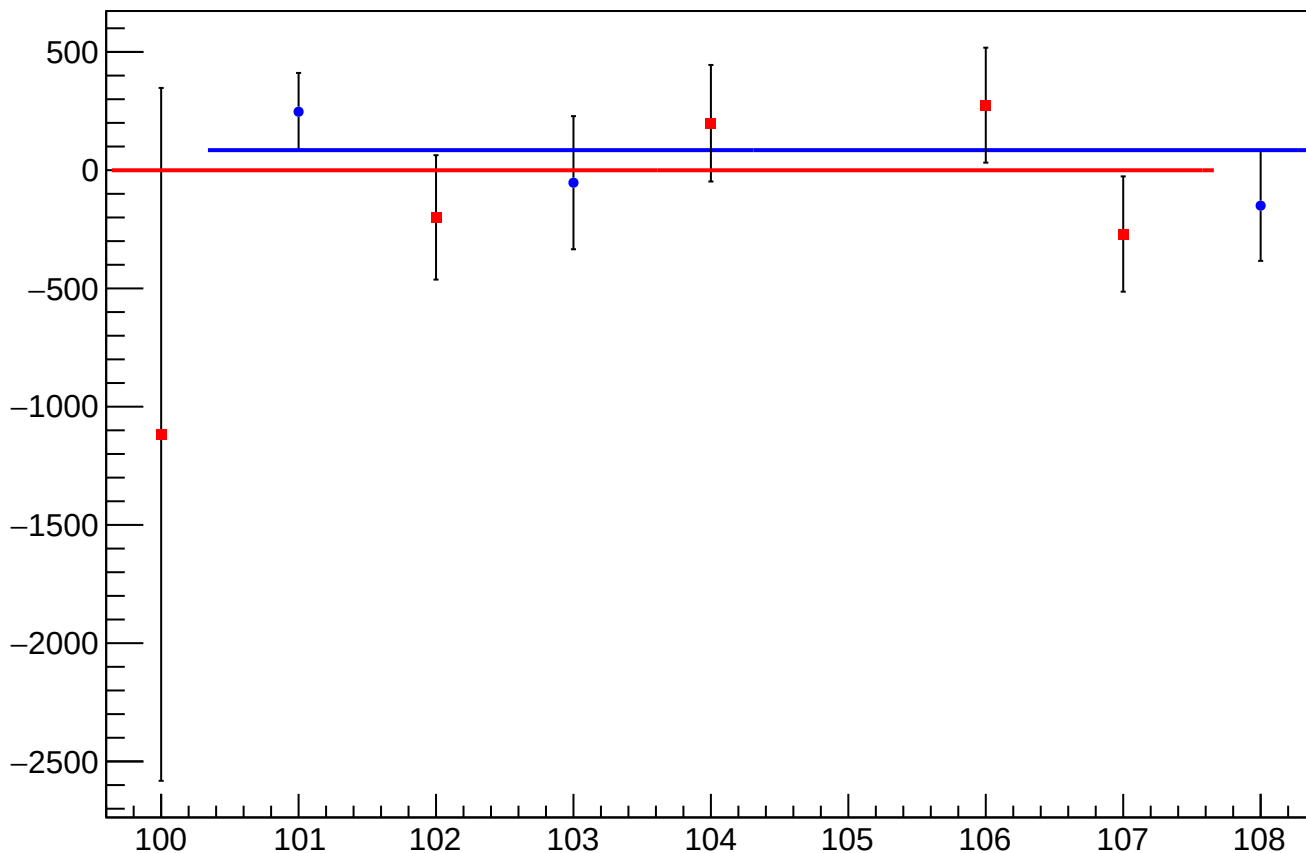
Right: 1023.770+/-0.391 χ^2/NDF : 57384.0/7

In: 1016.853+/-0.562 χ^2/NDF : 41431.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1023.770+/-0.391 χ^2/NDF : 57384.0/7

eigen_dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 84.726 $\pm$ 121.142 χ^2 /NDF: 2.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.430 $\pm$ 123.899 χ^2 /NDF: 4.3/4

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

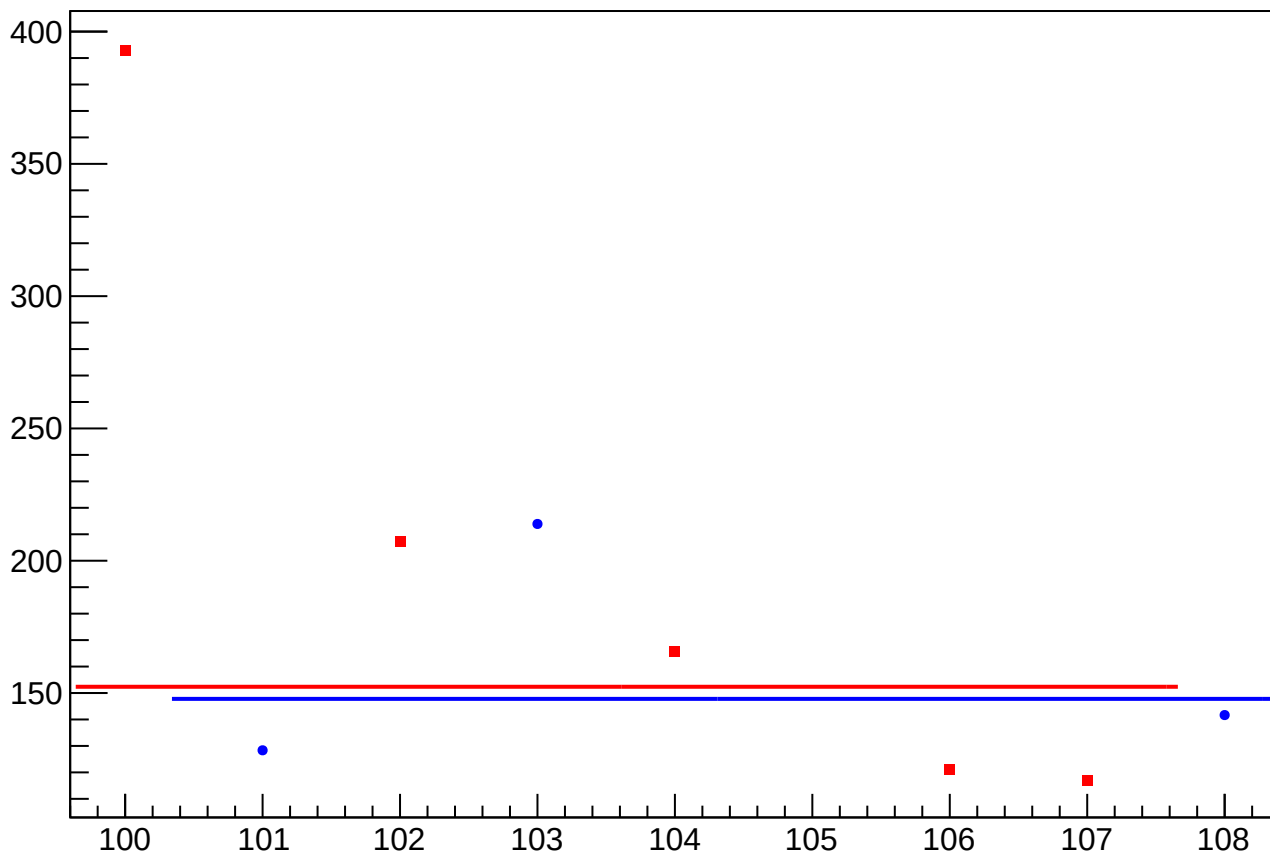
Right: 43.106 $\pm$ 86.618 χ^2 /NDF: 6.8/7

In: 84.726 $\pm$ 121.142 χ^2 /NDF:2.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 43.106 $\pm$ 86.618 χ^2 /NDF: 6.8/7

eigen_dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 147.785+/-0.086 χ^2/NDF : 139864.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.362+/-0.088 χ^2/NDF : 221302.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

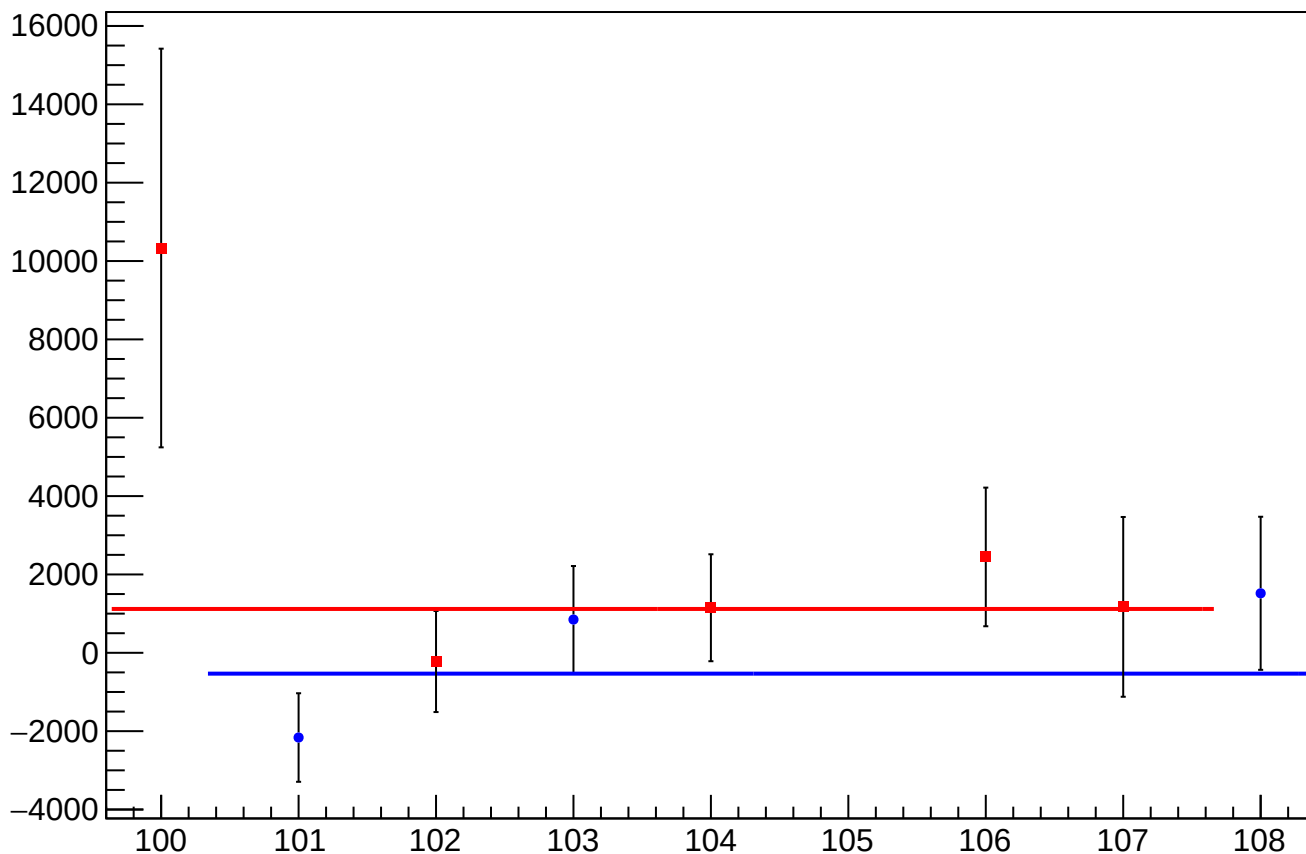
Right: 150.022+/-0.061 χ^2/NDF : 362562.6/7

In: 147.785+/-0.086 χ^2/NDF : 139864.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.022+/-0.061 χ^2/NDF : 362562.6/7

asym_sam_37_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -531.871+/-795.401 χ^2/NDF : 4.2/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1119.243+/-770.154 χ^2/NDF : 4.9/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

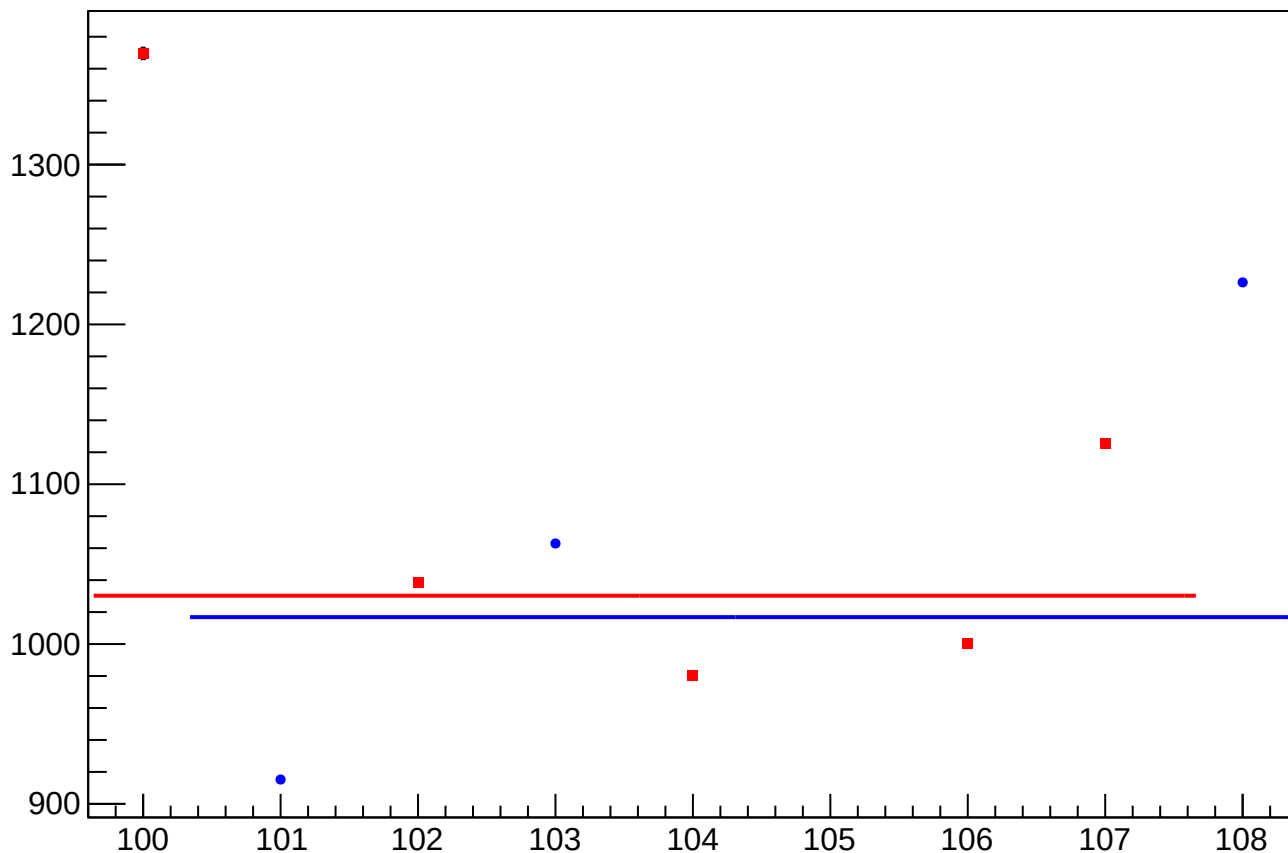
Right: 320.306+/-553.291 χ^2/NDF : 11.4/7

In: -531.871+/-795.401 χ^2/NDF :4.2/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 320.306+/-553.291 χ^2/NDF : 11.4/7

asym_sam_37_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1016.849+/-0.562 χ^2/NDF : 41432.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1030.251+/-0.545 χ^2/NDF : 15659.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

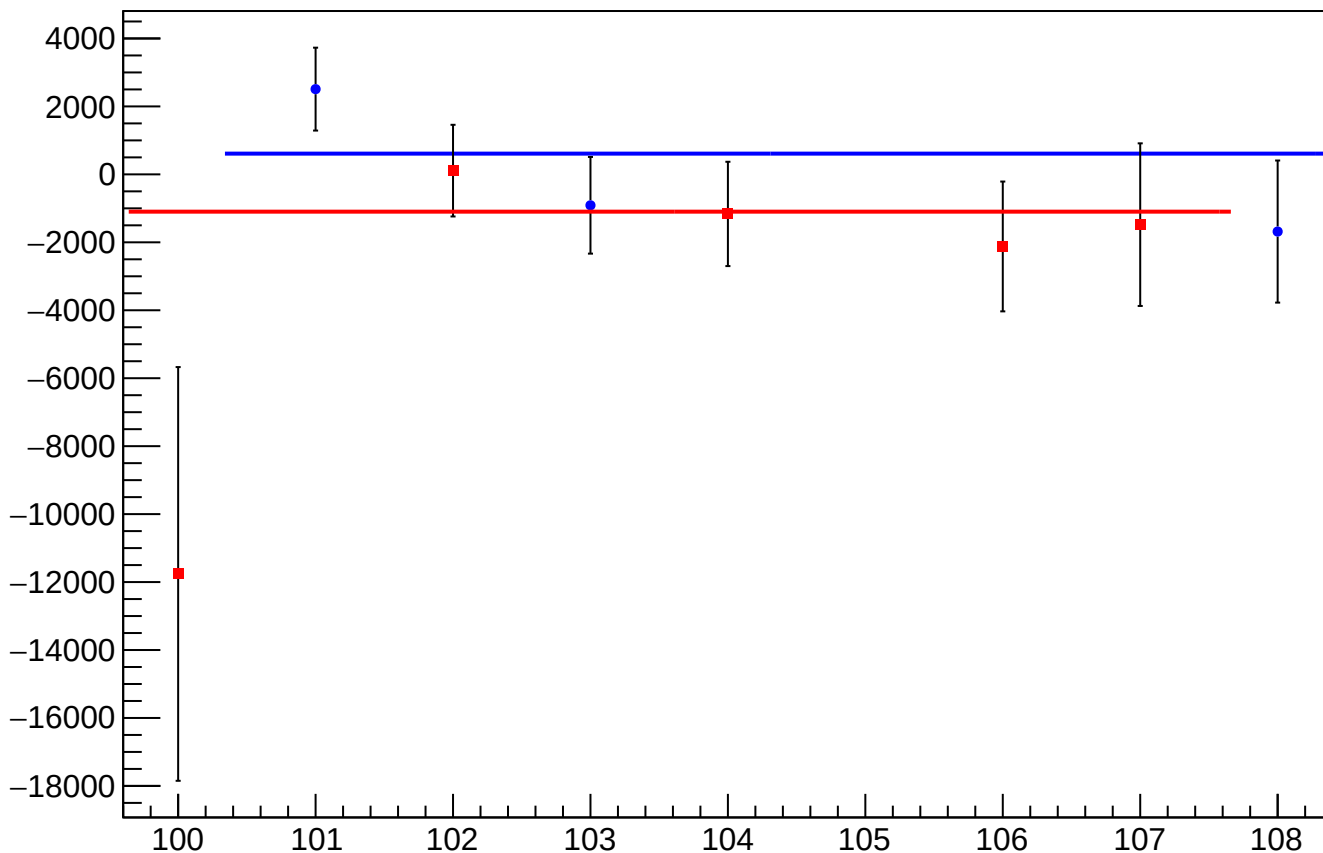
Right: 1023.766+/-0.391 χ^2/NDF : 57384.7/7

In: 1016.849+/-0.562 χ^2/NDF : 41432.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1023.766+/-0.391 χ^2/NDF : 57384.7/7

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 610.476+/-846.800 χ^2/NDF : 4.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1097.633+/-830.639 χ^2/NDF : 4.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

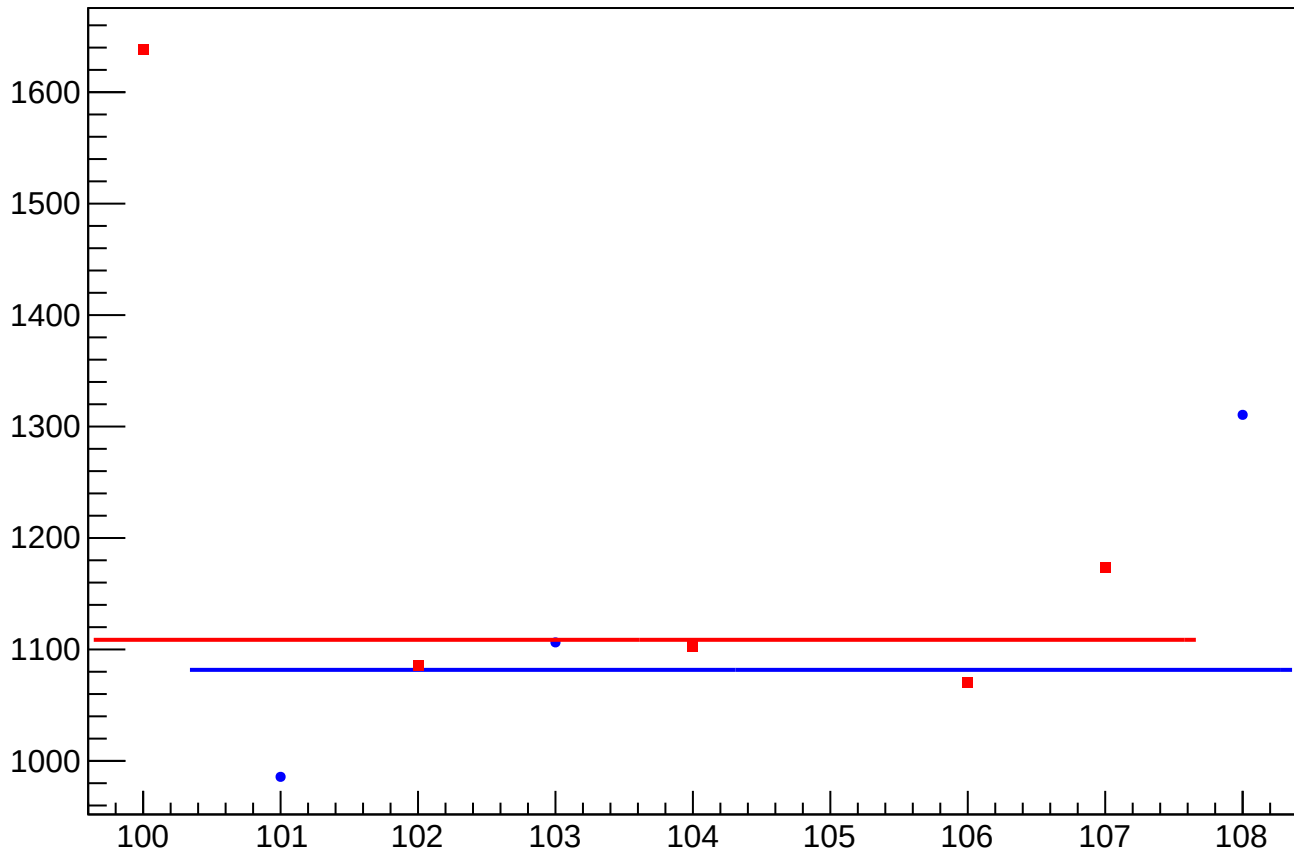
Right: -260.032+/-592.982 χ^2/NDF : 11.0/7

In: 610.476+/-846.800 χ^2/NDF : 4.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -260.032+/-592.982 χ^2/NDF : 11.0/7

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 1081.695 $\pm$ 0.599 χ^2 /NDF: 36922.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1108.651 $\pm$ 0.587 χ^2 /NDF: 18014.5/4

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

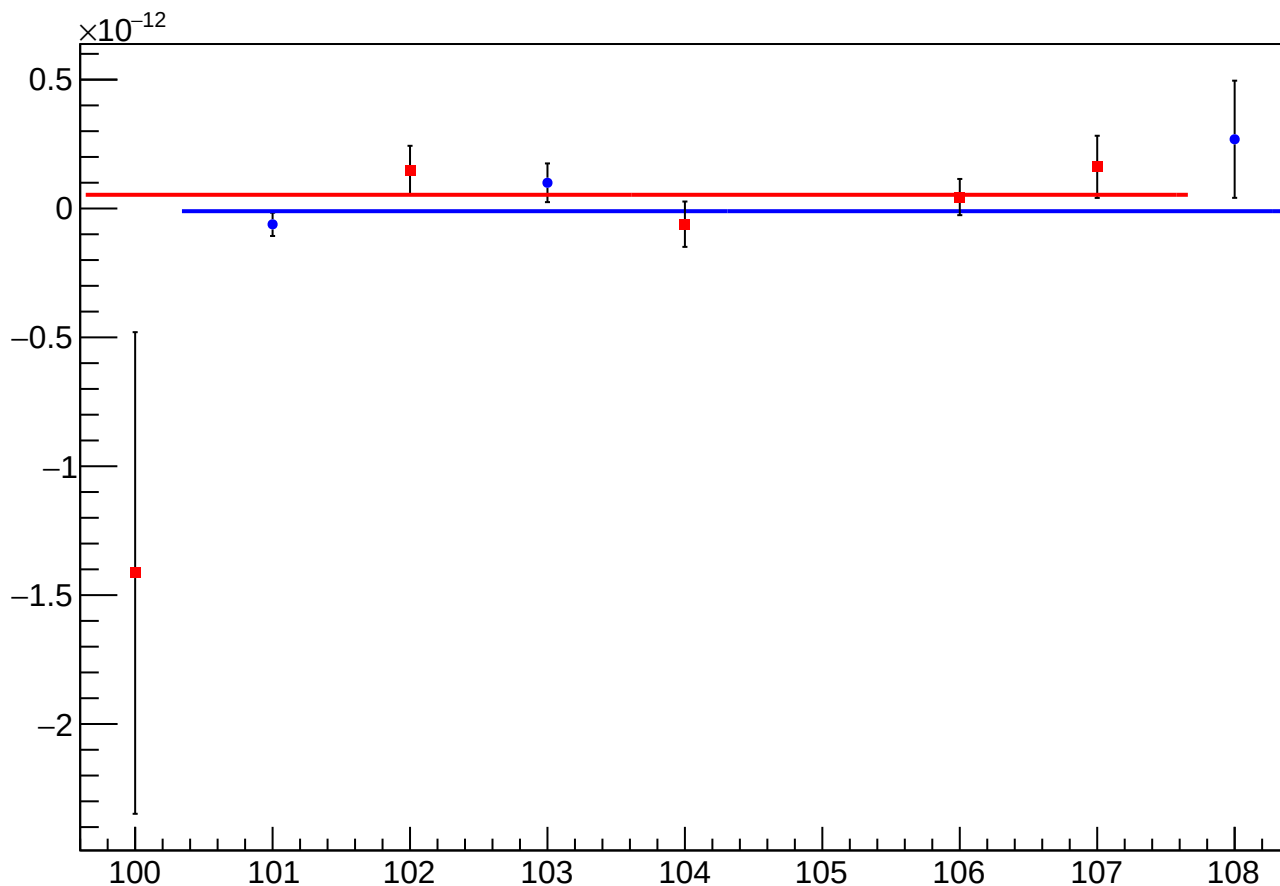
Right: 1095.433 $\pm$ 0.419 χ^2 /NDF: 55970.3/7

In: 1081.695 $\pm$ 0.599 χ^2 /NDF:36922.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1095.433 $\pm$ 0.419 χ^2 /NDF: 55970.3/7

asym_sam_37_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

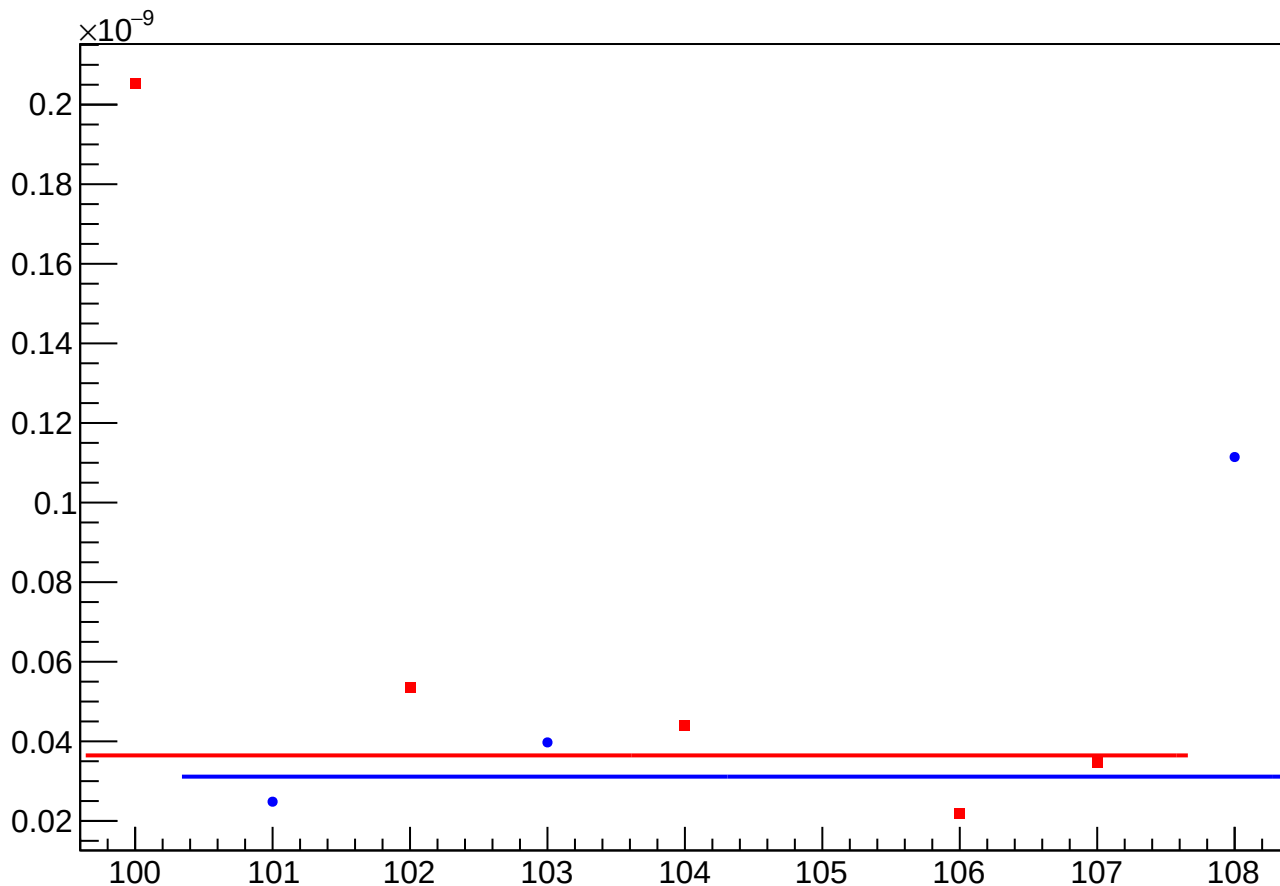
Right: 0.000+/-0.000 χ^2/NDF : 12.1/7

In: -0.000+/-0.000 χ^2/NDF : 4.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.1/7

asym_sam_37_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 314764.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 233192.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

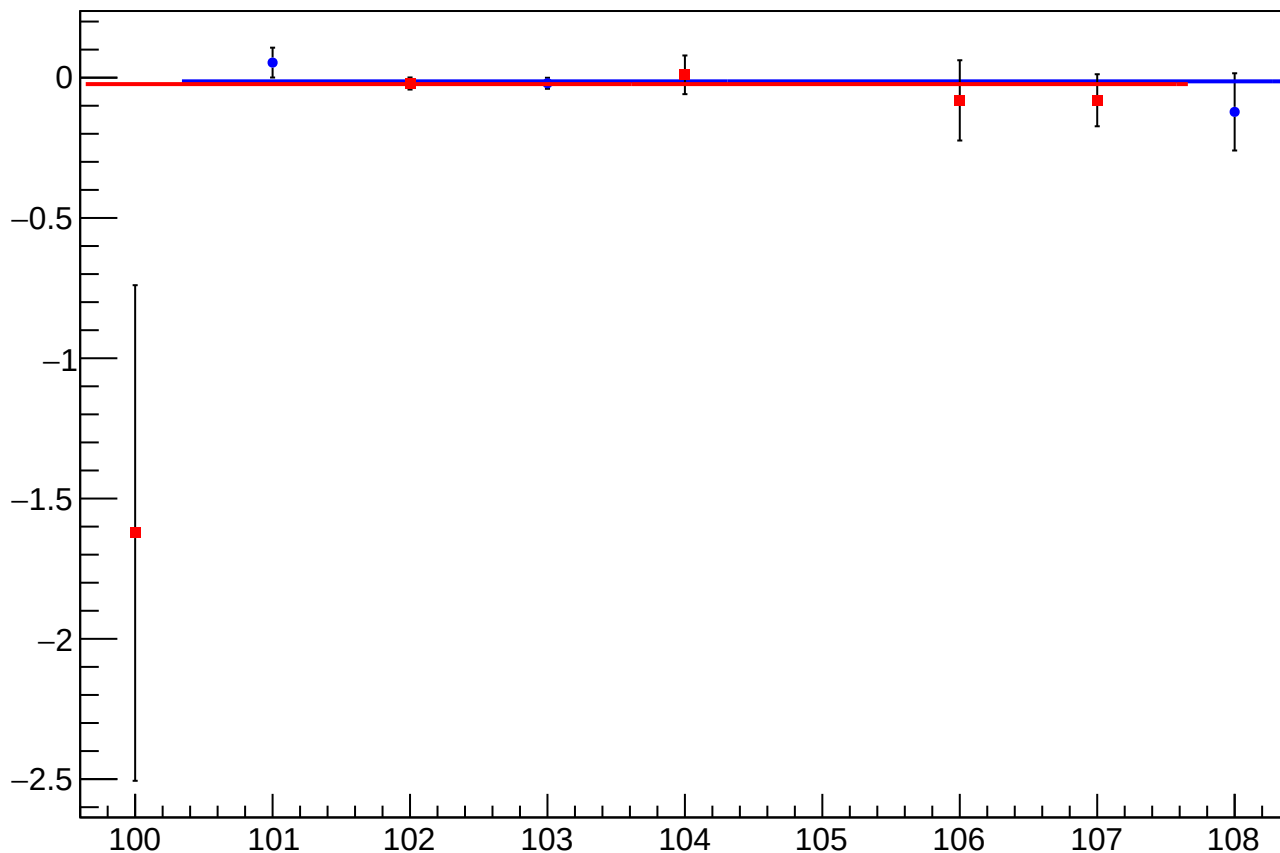
Right: 0.000+/-0.000 χ^2/NDF : 564684.3/7

In: 0.000+/-0.000 χ^2/NDF : 314764.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 564684.3/7

asym_sam_37_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 $\pm$ 0.018 χ^2 /NDF: 2.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.023 $\pm$ 0.020 χ^2 /NDF: 4.1/4

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

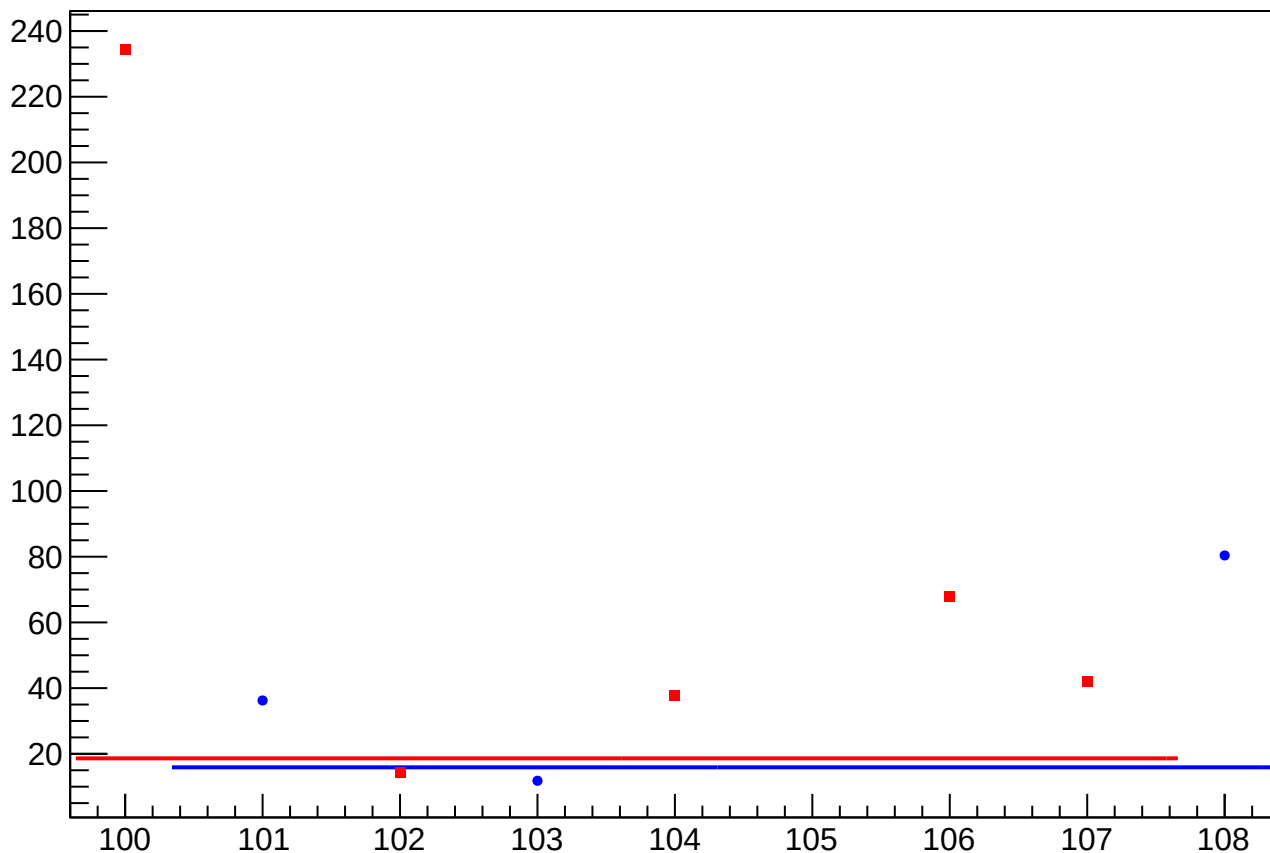
Right: -0.018 $\pm$ 0.013 χ^2 /NDF: 6.5/7

In: -0.013 $\pm$ 0.018 χ^2 /NDF:2.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.013 χ^2 /NDF: 6.5/7

asym_sam_37_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 15.890+/-0.013 χ^2/NDF : 818182.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.629+/-0.014 χ^2/NDF : 720808.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

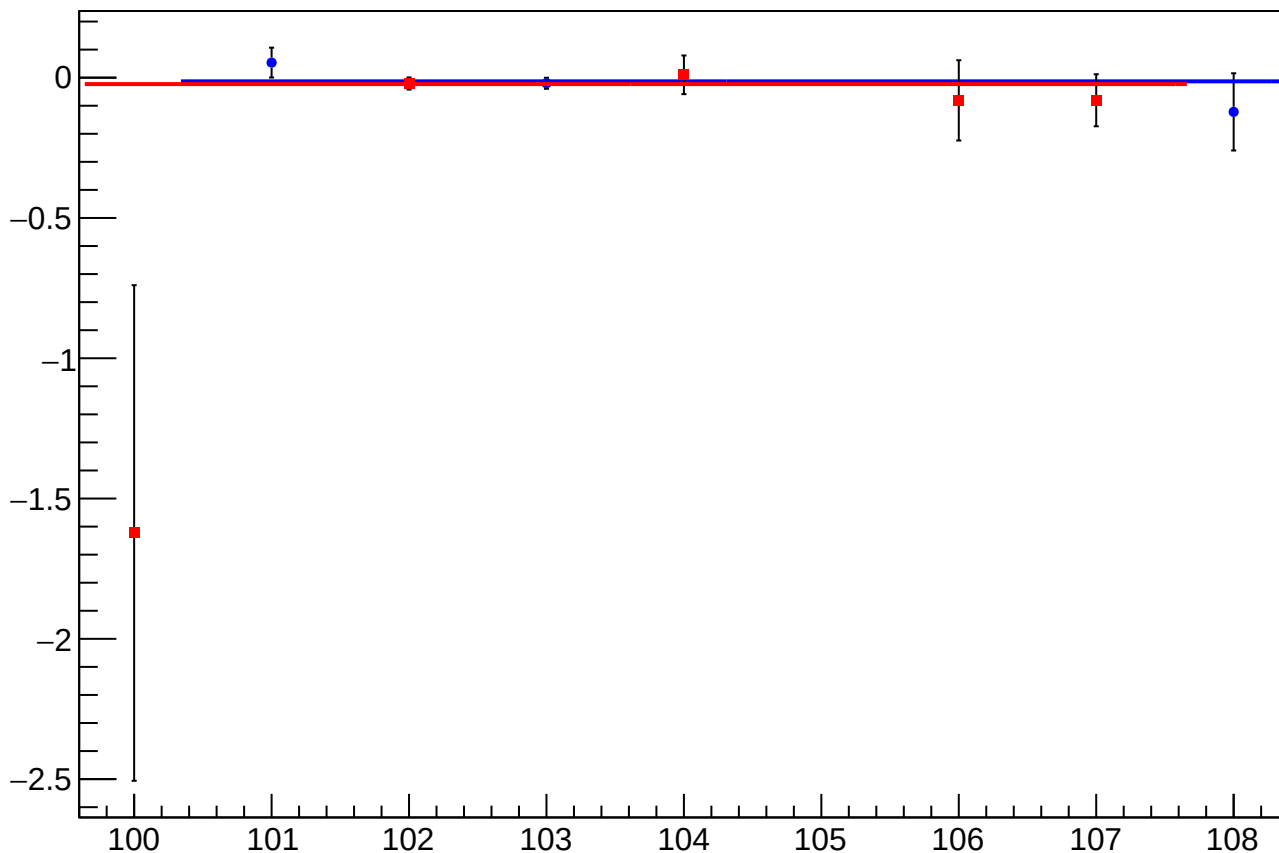
Right: 17.144+/-0.010 χ^2/NDF : 1559580.1/7

In: 15.890+/-0.013 χ^2/NDF : 818182.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.144+/-0.010 χ^2/NDF : 1559580.1/7

asym_sam_37_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 $\pm$ 0.018 χ^2 /NDF: 2.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.023 $\pm$ 0.020 χ^2 /NDF: 4.1/4

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

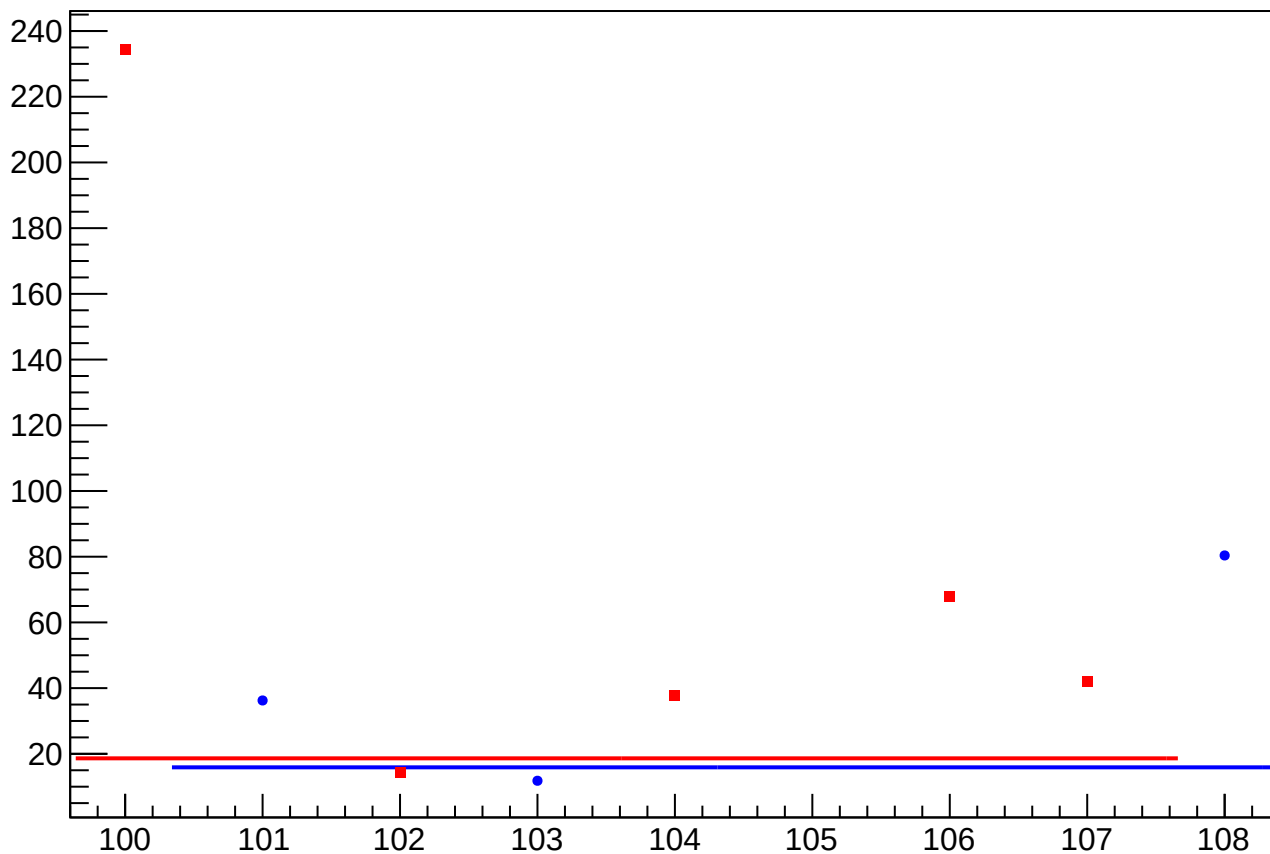
Right: -0.018 $\pm$ 0.013 χ^2 /NDF: 6.5/7

In: -0.013 $\pm$ 0.018 χ^2 /NDF:2.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.013 χ^2 /NDF: 6.5/7

asym_sam_37_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 15.890+/-0.013 χ^2/NDF : 818182.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.629+/-0.014 χ^2/NDF : 720808.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

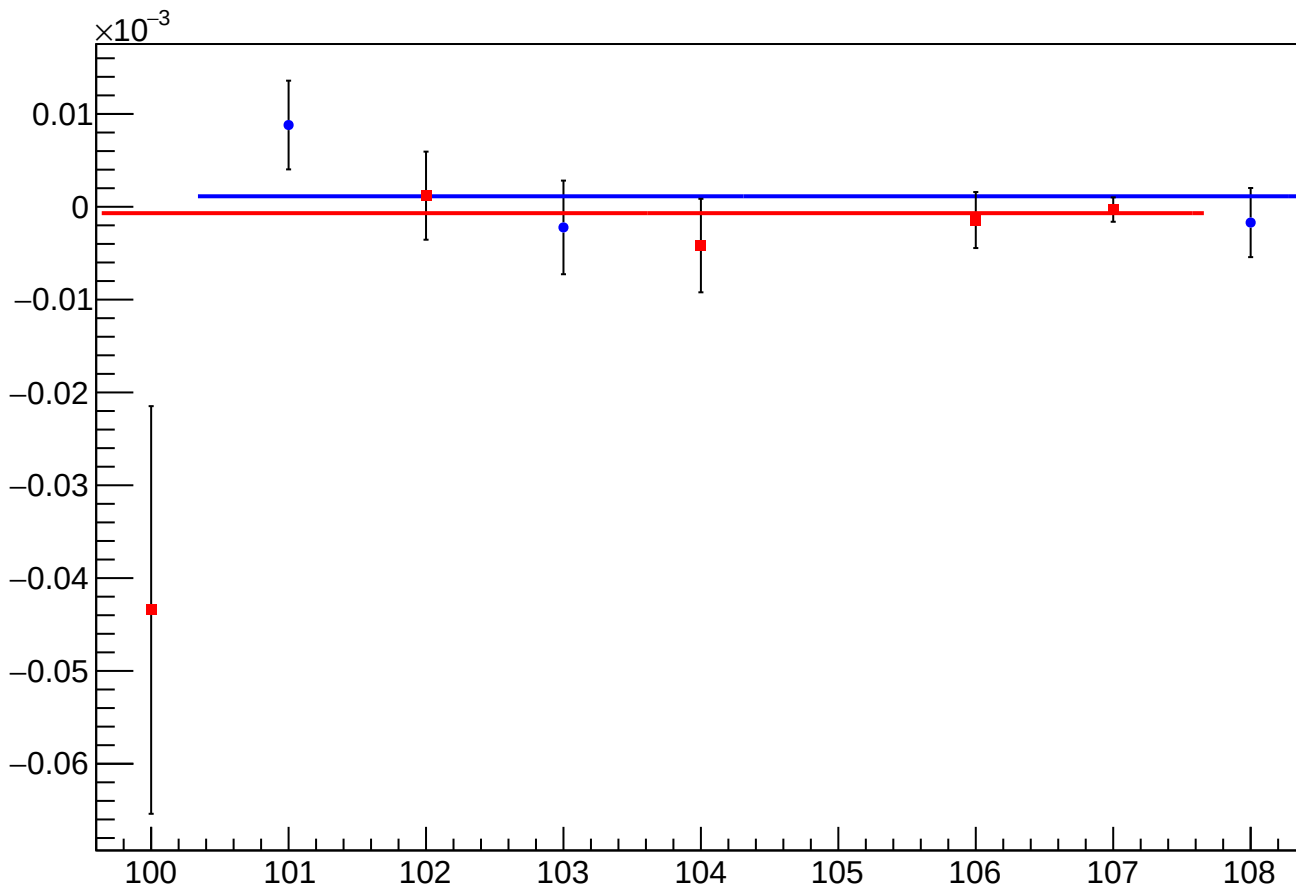
Right: 17.144+/-0.010 χ^2/NDF : 1559580.1/7

In: 15.890+/-0.013 χ^2/NDF : 818182.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.144+/-0.010 χ^2/NDF : 1559580.1/7

asym_sam_37_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

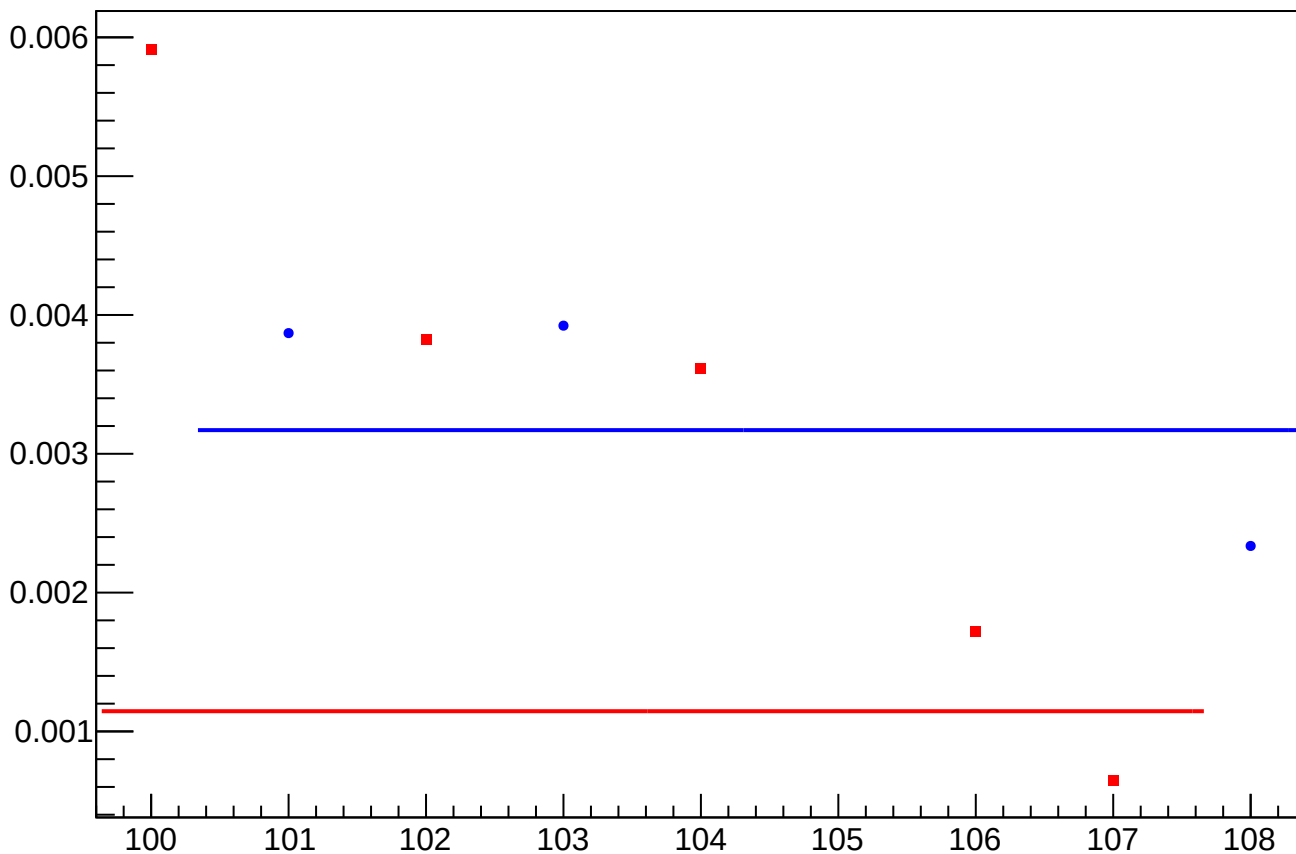
Right: -0.000+/-0.000 χ^2/NDF : 8.6/7

In: 0.000+/-0.000 χ^2/NDF : 3.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.6/7

asym_sam_37_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 187763.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1574215.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

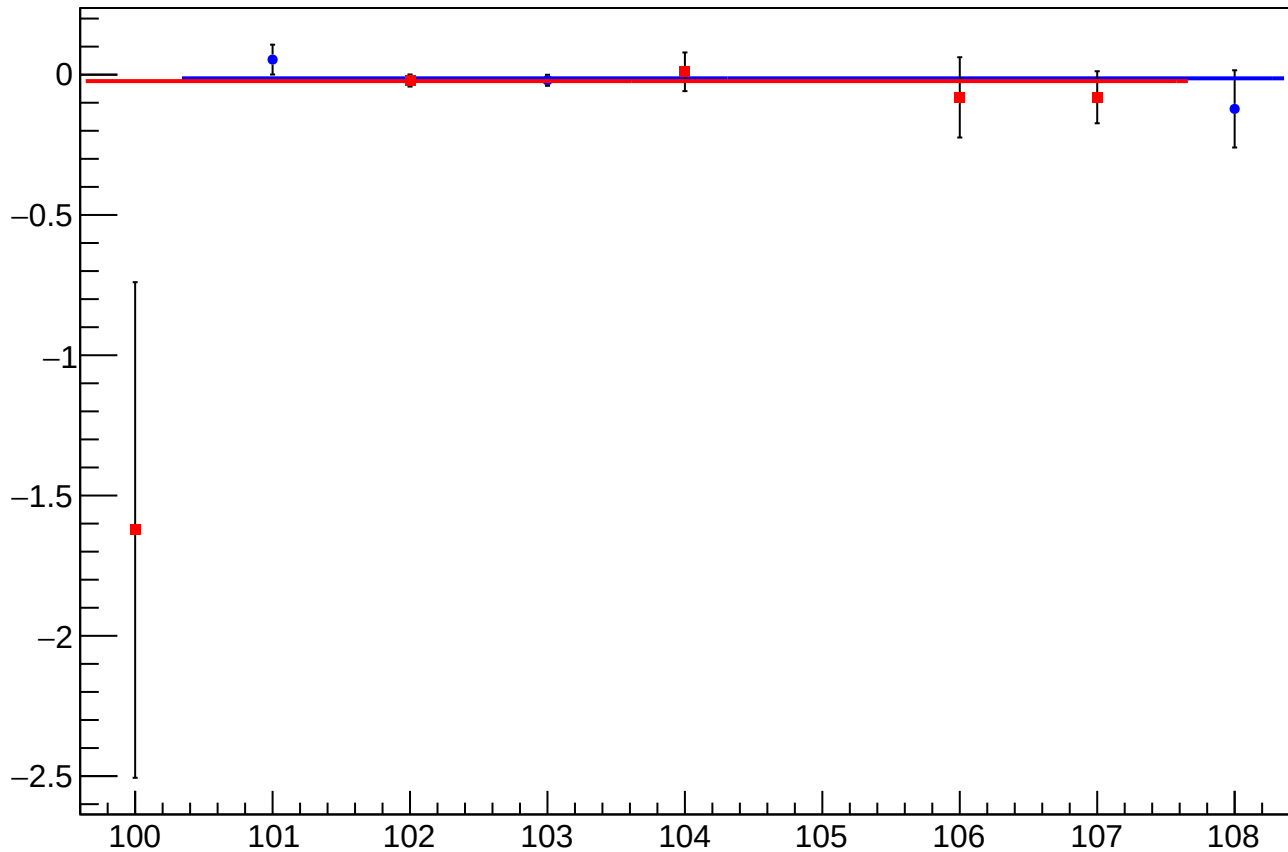
Right: 0.001+/-0.000 χ^2/NDF : 2822463.5/7

In: 0.003+/-0.000 χ^2/NDF : 187763.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2822463.5/7

asym_sam_37_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 $\pm$ 0.018 χ^2 /NDF: 2.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.023 $\pm$ 0.020 χ^2 /NDF: 4.1/4

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

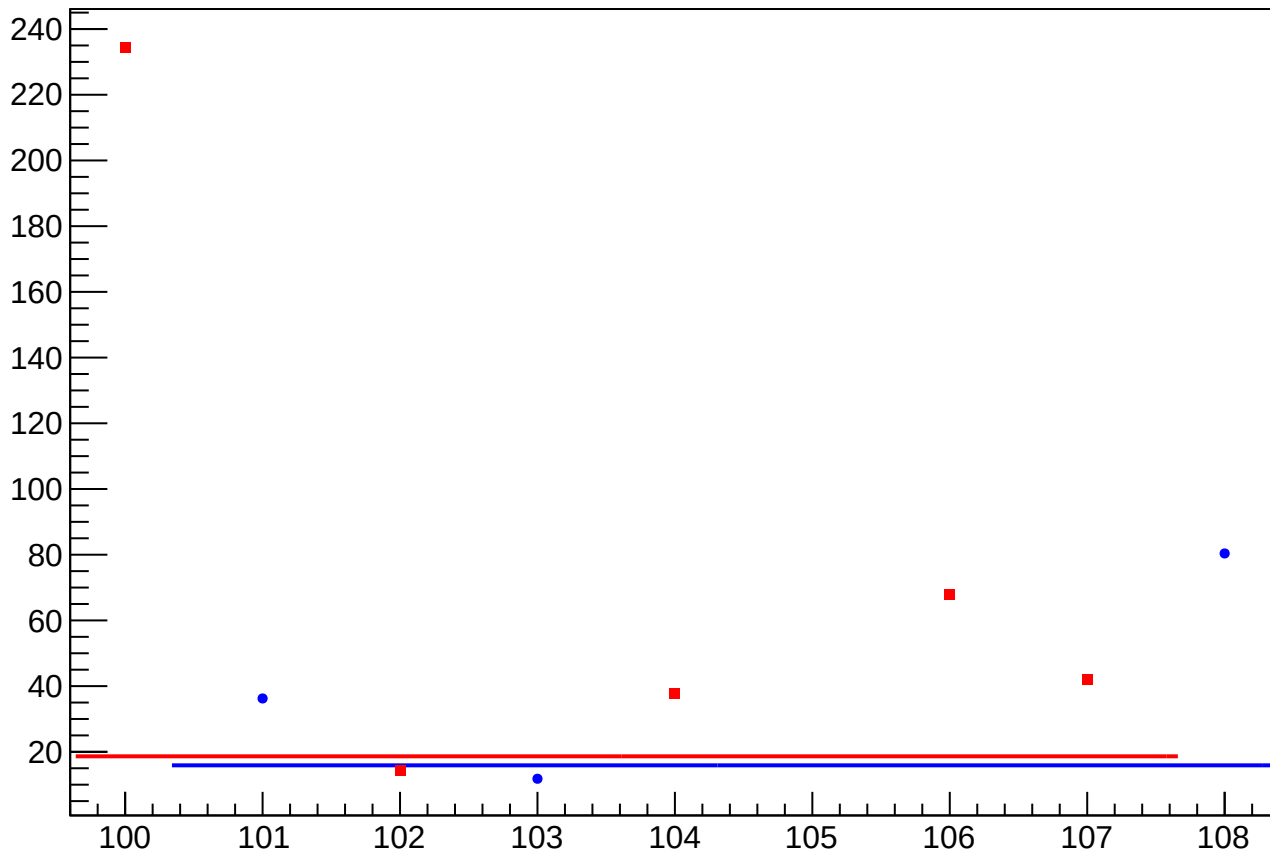
Right: -0.018 $\pm$ 0.013 χ^2 /NDF: 6.5/7

In: -0.013 $\pm$ 0.018 χ^2 /NDF:2.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.013 χ^2 /NDF: 6.5/7

asym_sam_37_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 15.889+/-0.013 χ^2/NDF : 818261.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.632+/-0.014 χ^2/NDF : 720696.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

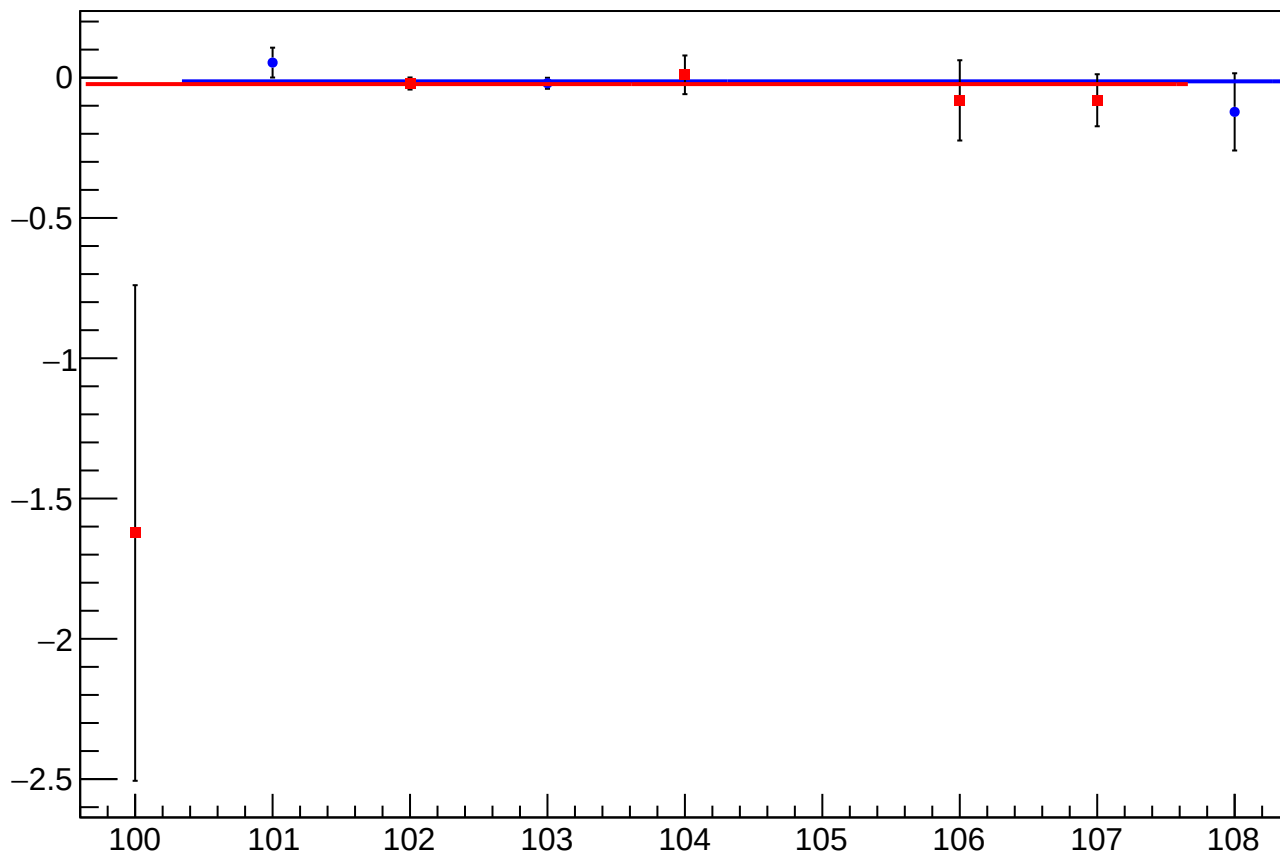
Right: 17.145+/-0.010 χ^2/NDF : 1559619.2/7

In: 15.889+/-0.013 χ^2/NDF : 818261.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.145+/-0.010 χ^2/NDF : 1559619.2/7

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 $\pm$ 0.018 χ^2 /NDF: 2.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.023 $\pm$ 0.020 χ^2 /NDF: 4.1/4

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

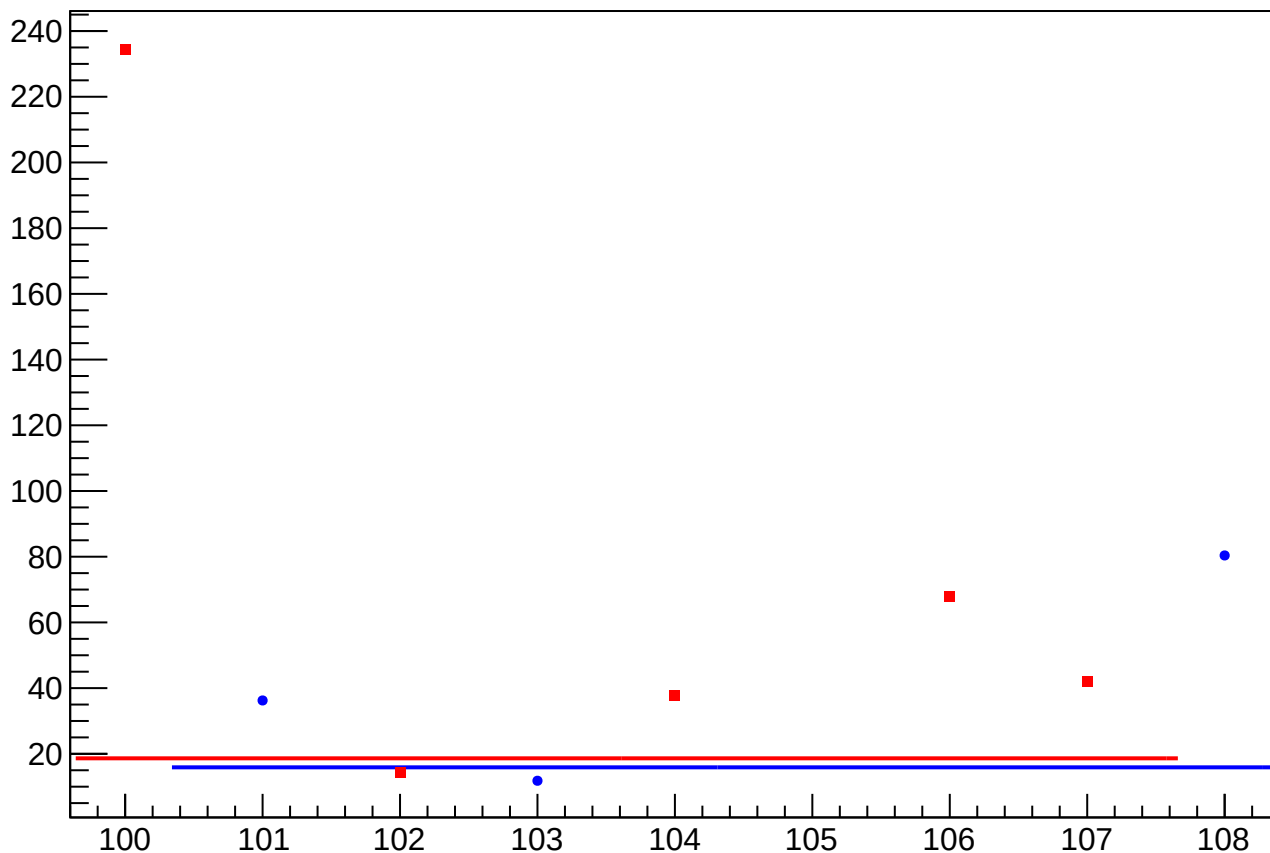
Right: -0.018 $\pm$ 0.013 χ^2 /NDF: 6.5/7

In: -0.013 $\pm$ 0.018 χ^2 /NDF:2.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.013 χ^2 /NDF: 6.5/7

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 15.889+/-0.013 χ^2/NDF : 818261.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.632+/-0.014 χ^2/NDF : 720696.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

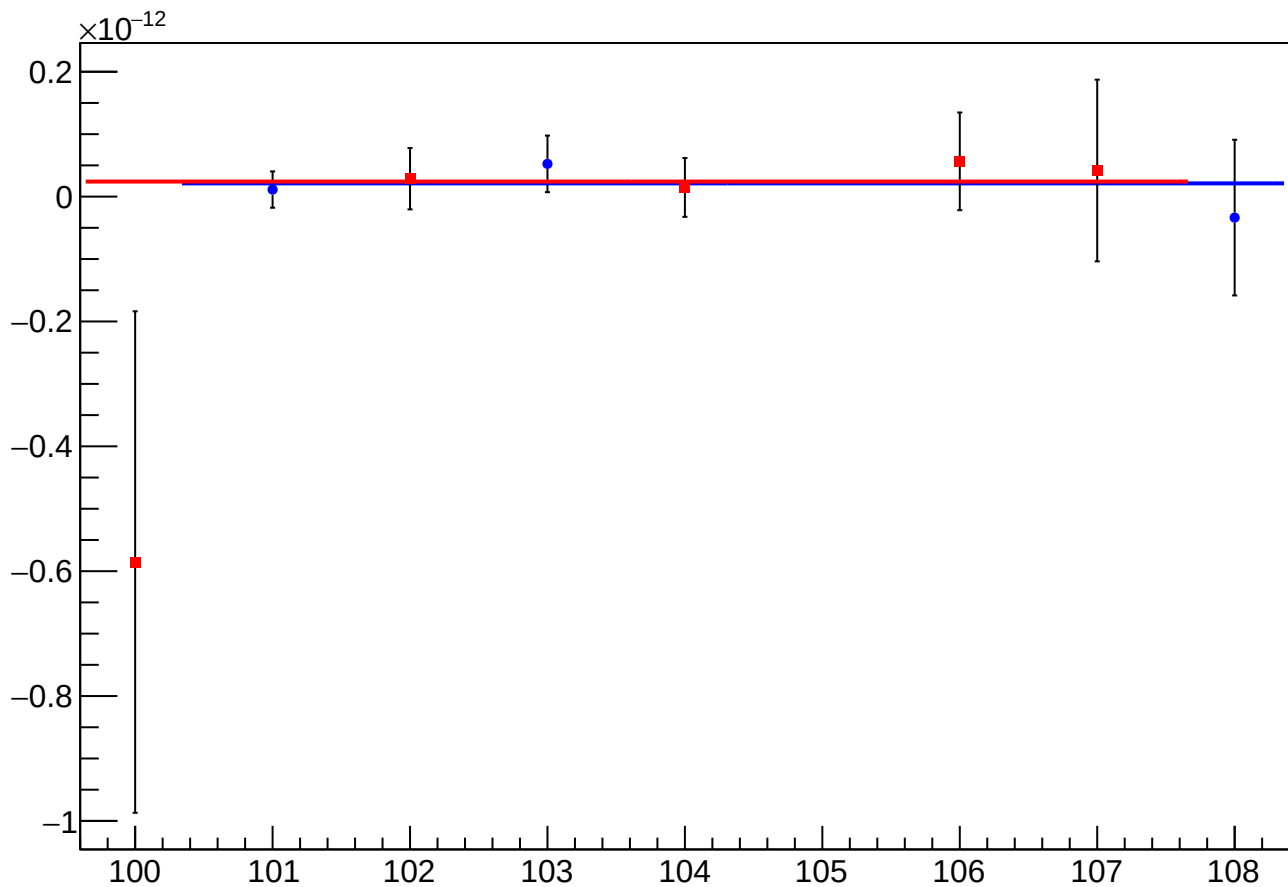
Right: 17.145+/-0.010 χ^2/NDF : 1559619.2/7

In: 15.889+/-0.013 χ^2/NDF : 818261.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.145+/-0.010 χ^2/NDF : 1559619.2/7

asym_sam_37_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

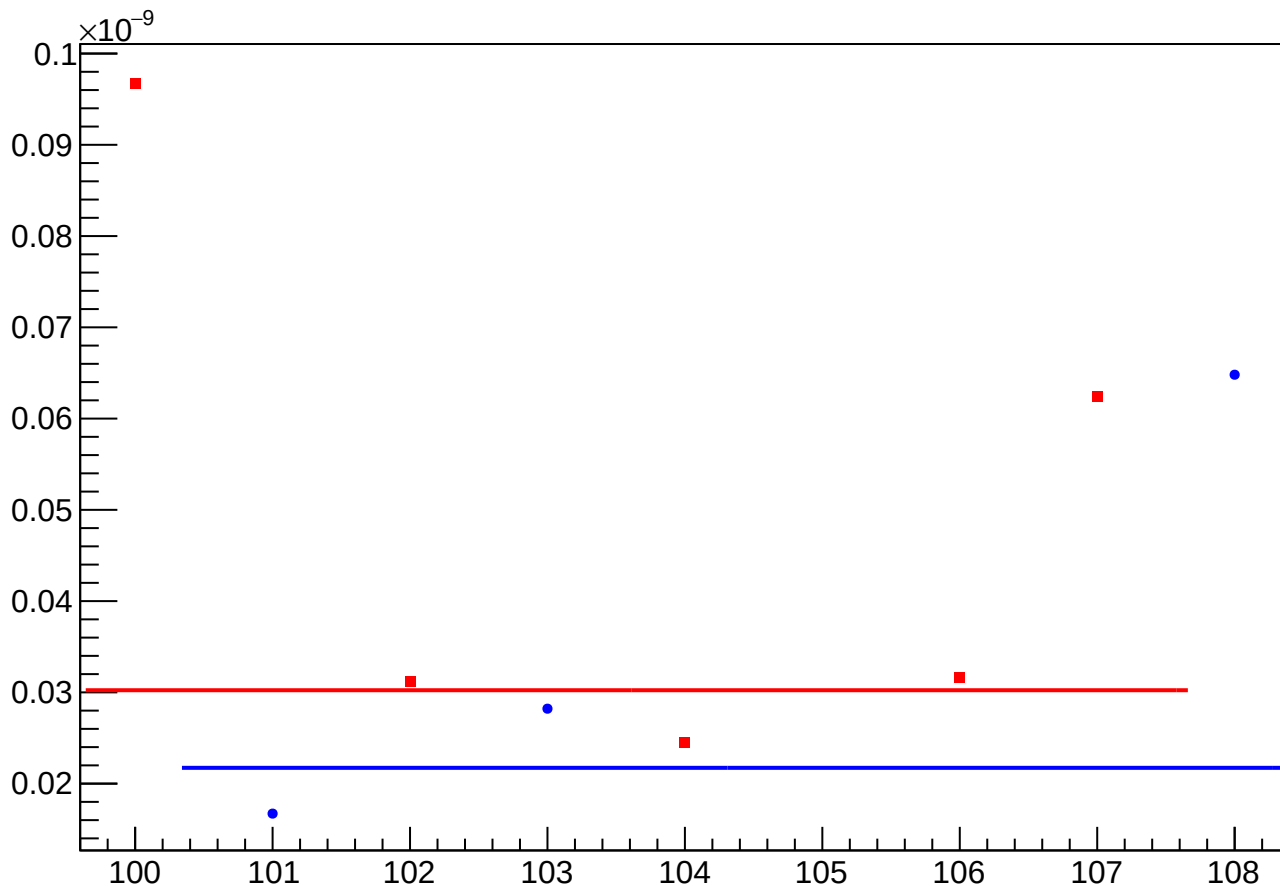
Right: 0.000+/-0.000 χ^2/NDF : 3.3/7

In: 0.000+/-0.000 χ^2/NDF : 0.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.3/7

asym_sam_37_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 339056.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 183478.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

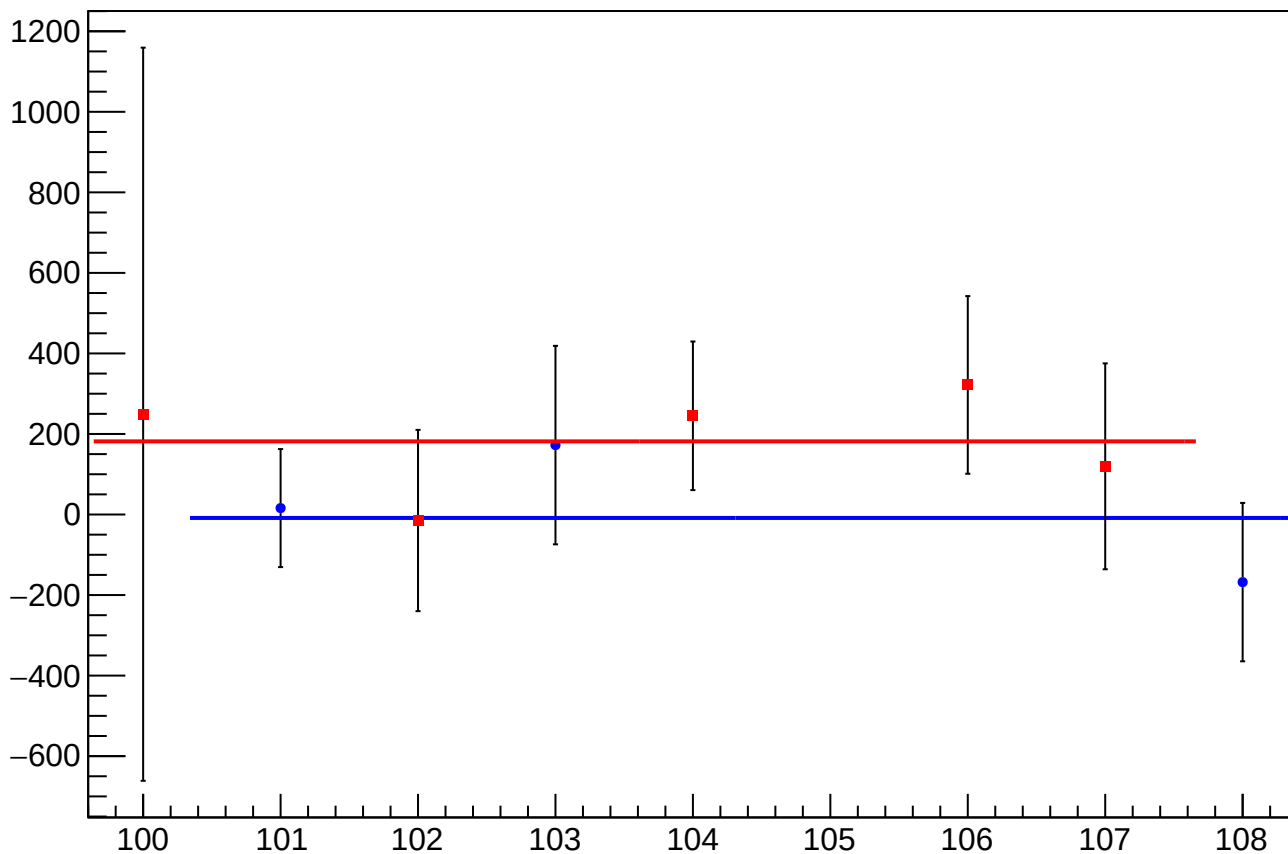
Right: 0.000+/-0.000 χ^2/NDF : 618805.3/7

In: 0.000+/-0.000 χ^2/NDF : 339056.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 618805.3/7

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -8.529 ± 106.069 χ^2/NDF : 1.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 181.639 ± 107.716 χ^2/NDF : 1.3/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

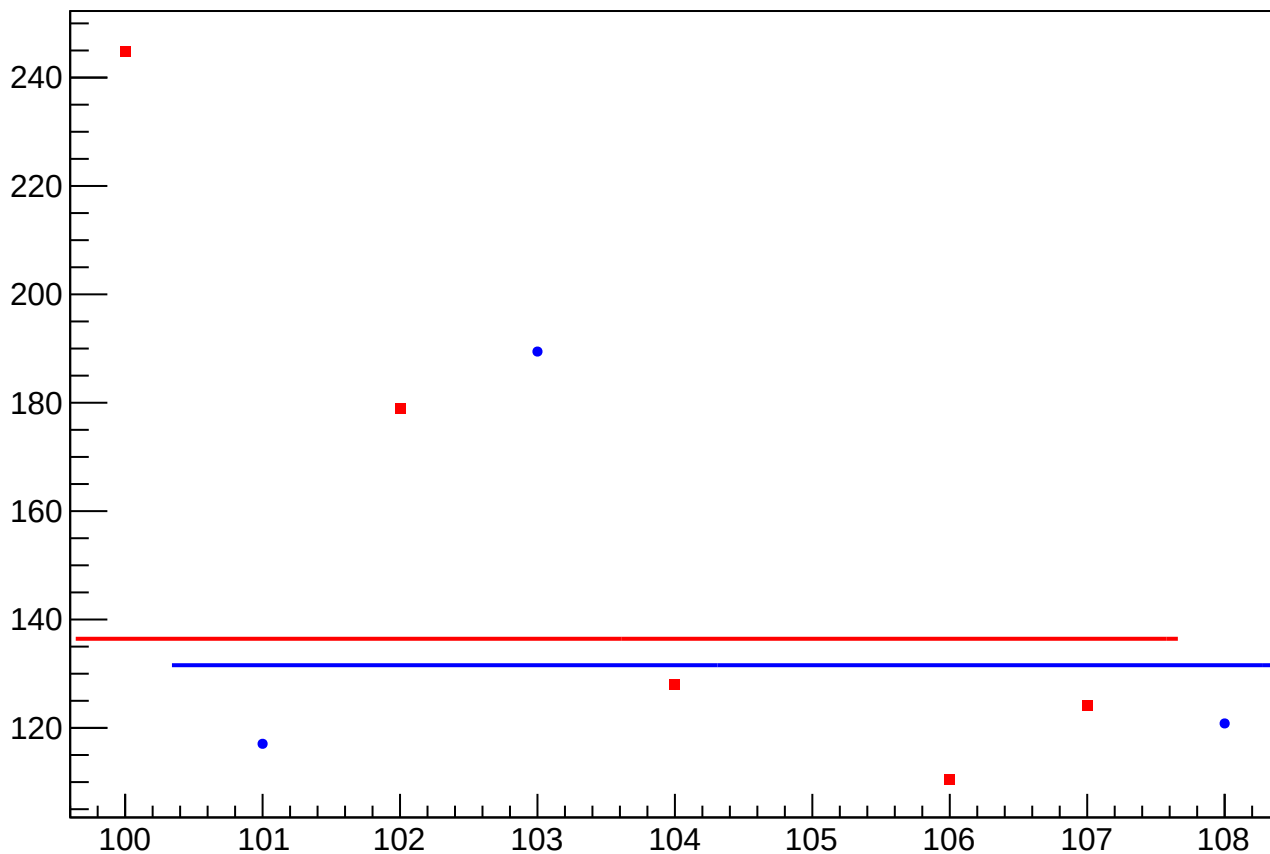
Right: 85.089 ± 75.578 χ^2/NDF : 4.2/7

In: -8.529 ± 106.069 χ^2/NDF : 1.2/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 85.089 ± 75.578 χ^2/NDF : 4.2/7

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 131.567+/-0.075 χ^2/NDF : 135858.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.446+/-0.076 χ^2/NDF : 136265.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

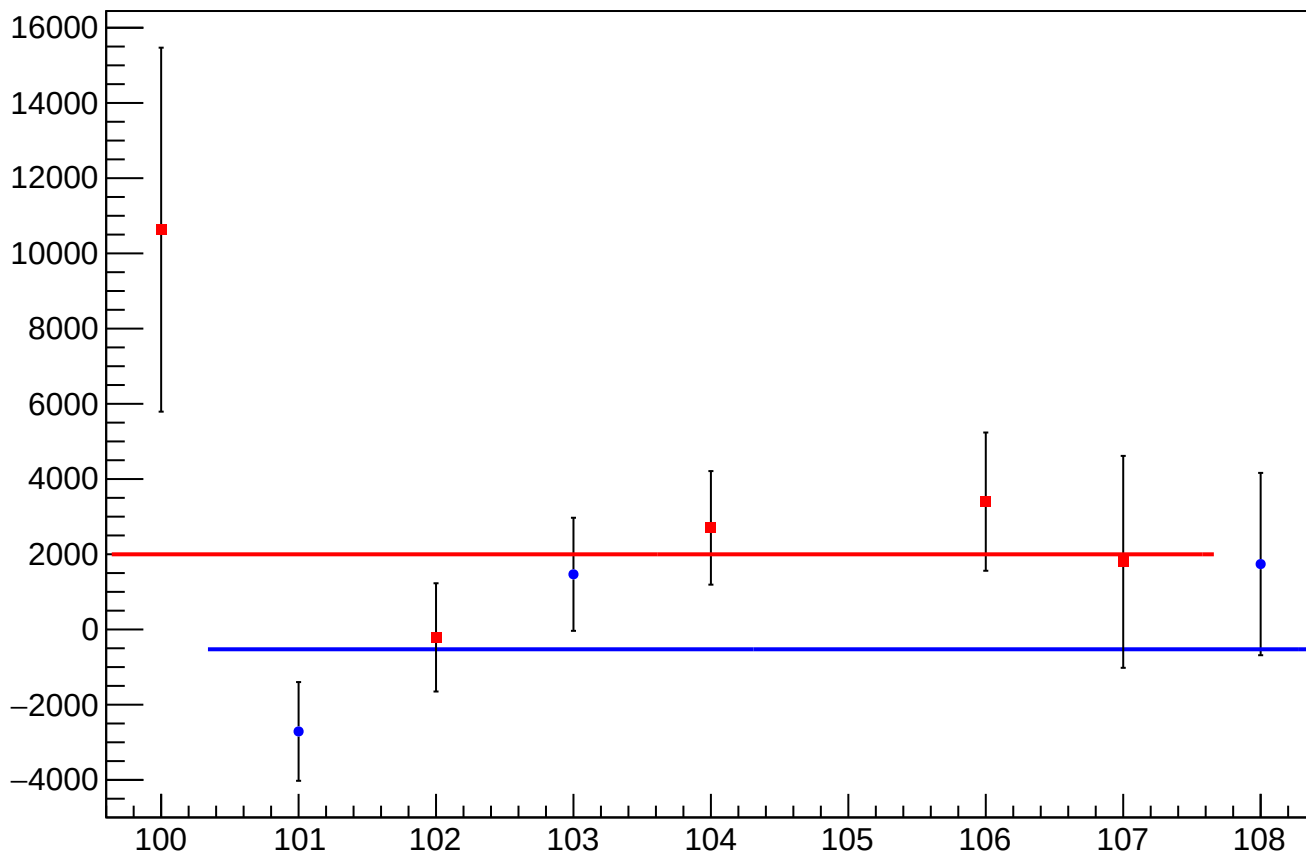
Right: 133.969+/-0.053 χ^2/NDF : 274206.8/7

In: 131.567+/-0.075 χ^2/NDF : 135858.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.969+/-0.053 χ^2/NDF : 274206.8/7

asym_sam_48_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -526.705+/-915.527 χ^2/NDF : 5.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1998.466+/-849.391 χ^2/NDF : 6.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

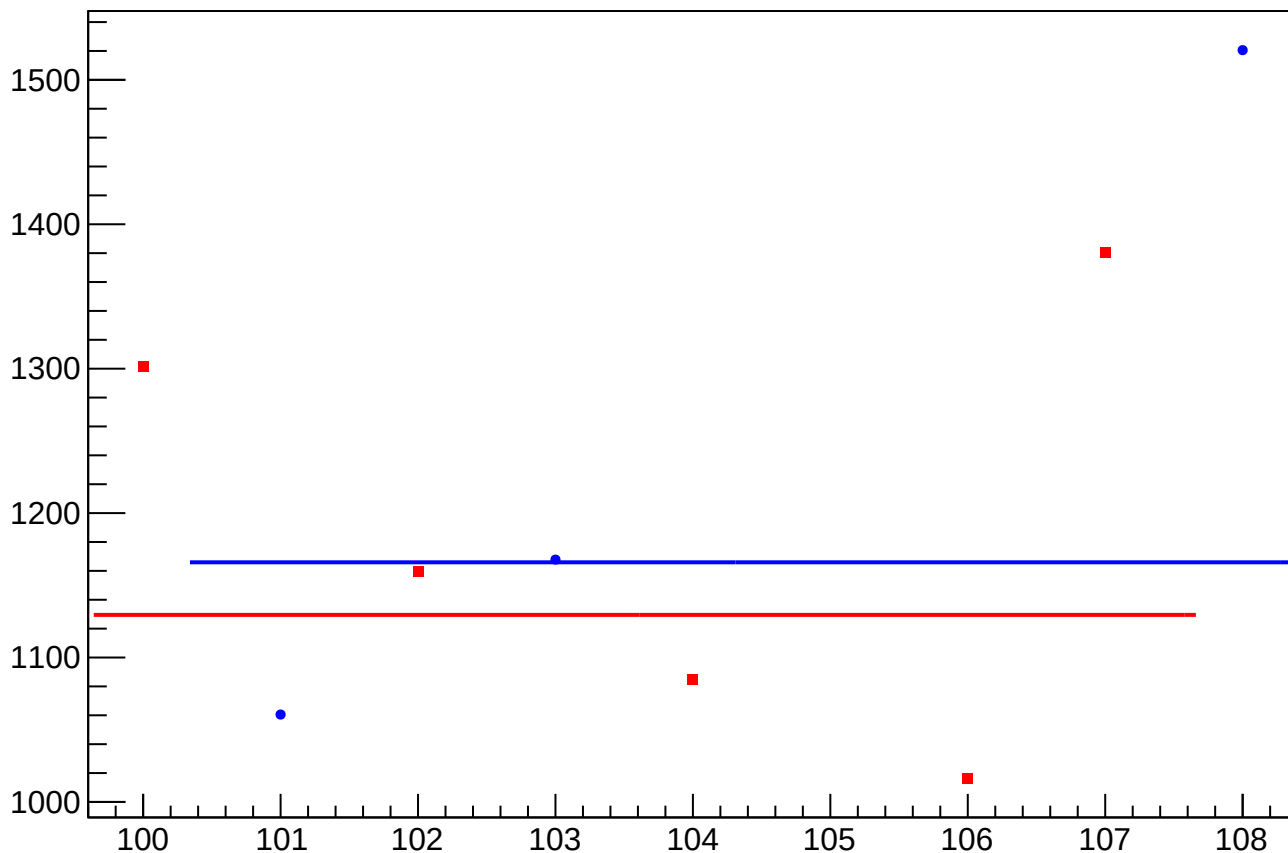
Right: 830.372+/-622.680 χ^2/NDF : 15.8/7

In: -526.705+/-915.527 χ^2/NDF : 5.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 830.372+/-622.680 χ^2/NDF : 15.8/7

asym_sam_48_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1165.927+/-0.647 χ^2/NDF : 55712.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1129.524+/-0.601 χ^2/NDF : 28659.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

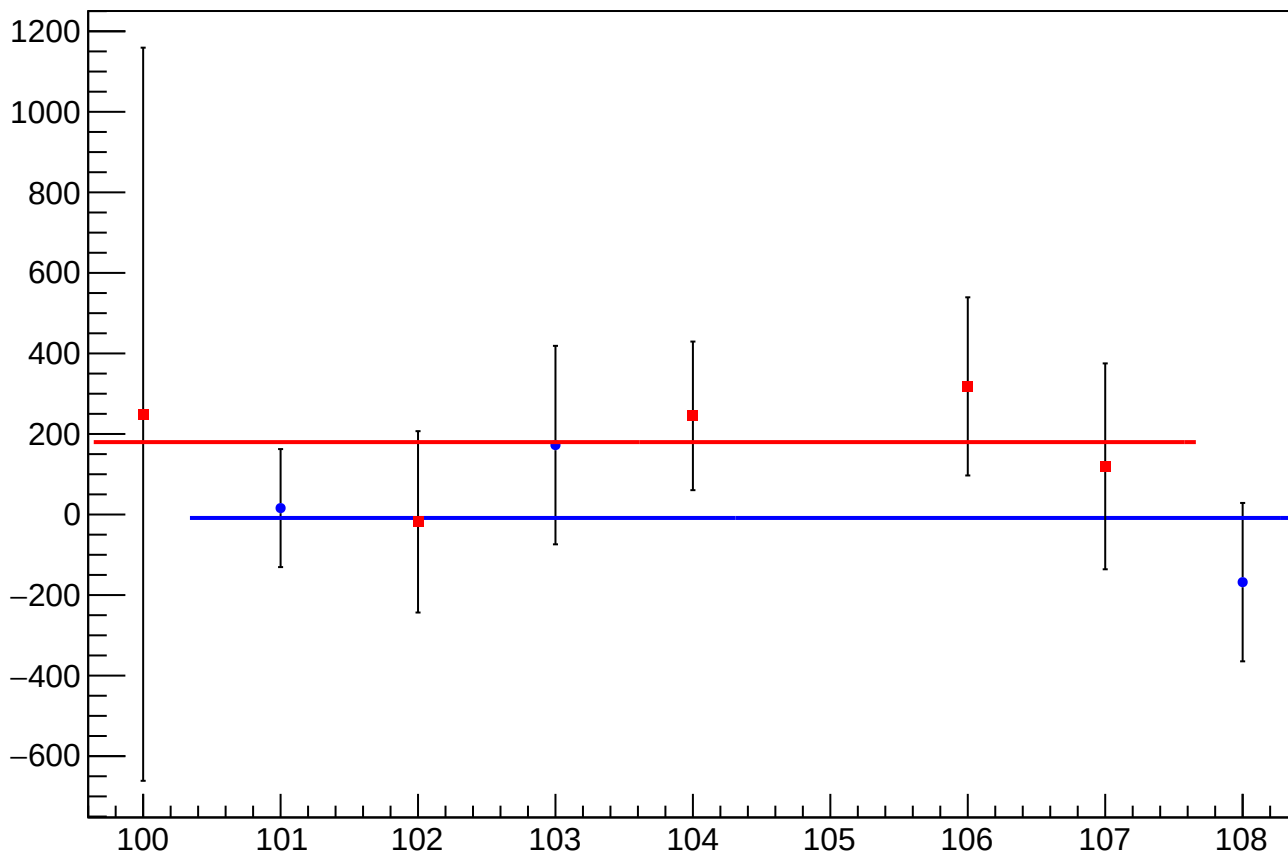
Right: 1146.364+/-0.440 χ^2/NDF : 86070.9/7

In: 1165.927+/-0.647 χ^2/NDF : 55712.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1146.364+/-0.440 χ^2/NDF : 86070.9/7

cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -8.532+/-106.069 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 179.822+/-107.808 χ^2/NDF : 1.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

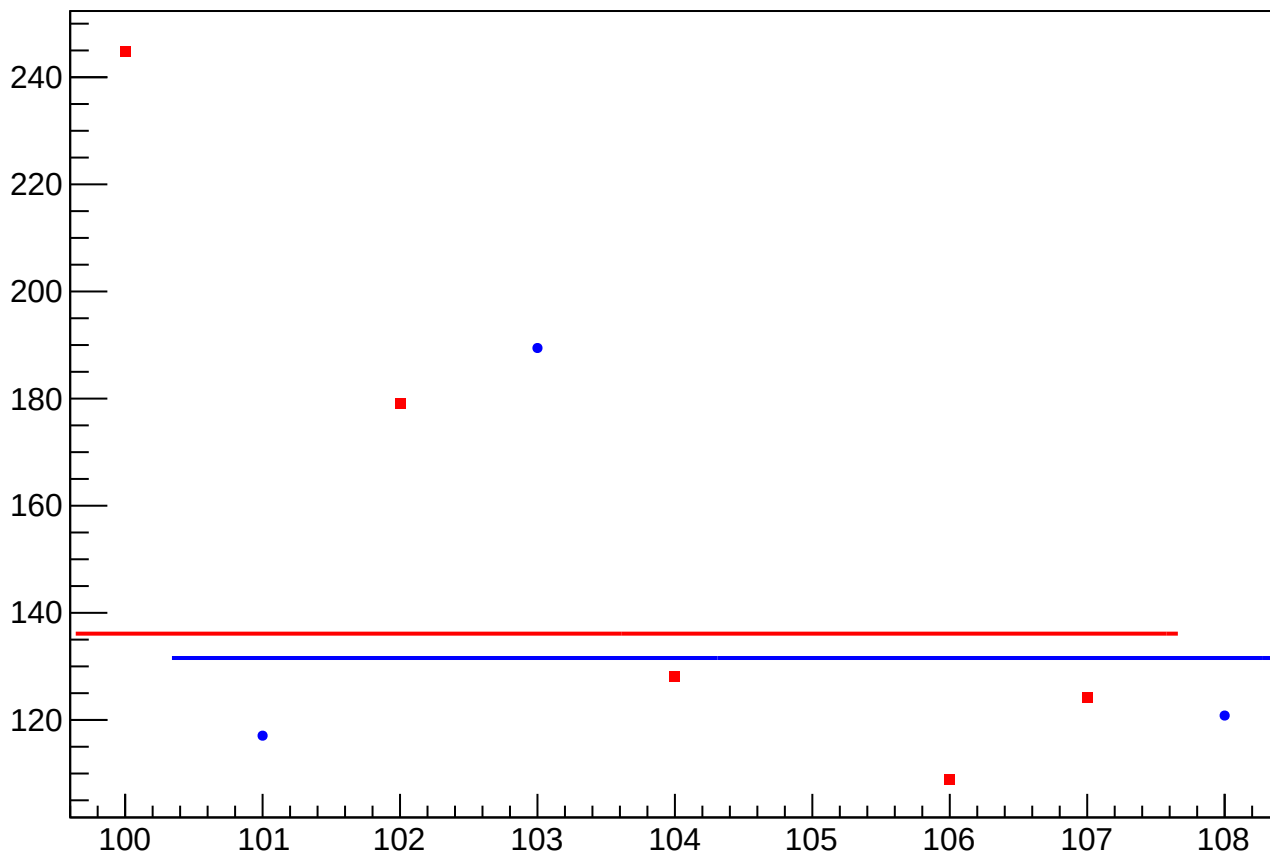
Right: 84.113+/-75.609 χ^2/NDF : 4.1/7

In: -8.532+/-106.069 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.113+/-75.609 χ^2/NDF : 4.1/7

cor_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 131.567 $\pm$ 0.075 χ^2 /NDF: 135861.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 136.114 $\pm$ 0.076 χ^2 /NDF: 139778.9/4

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

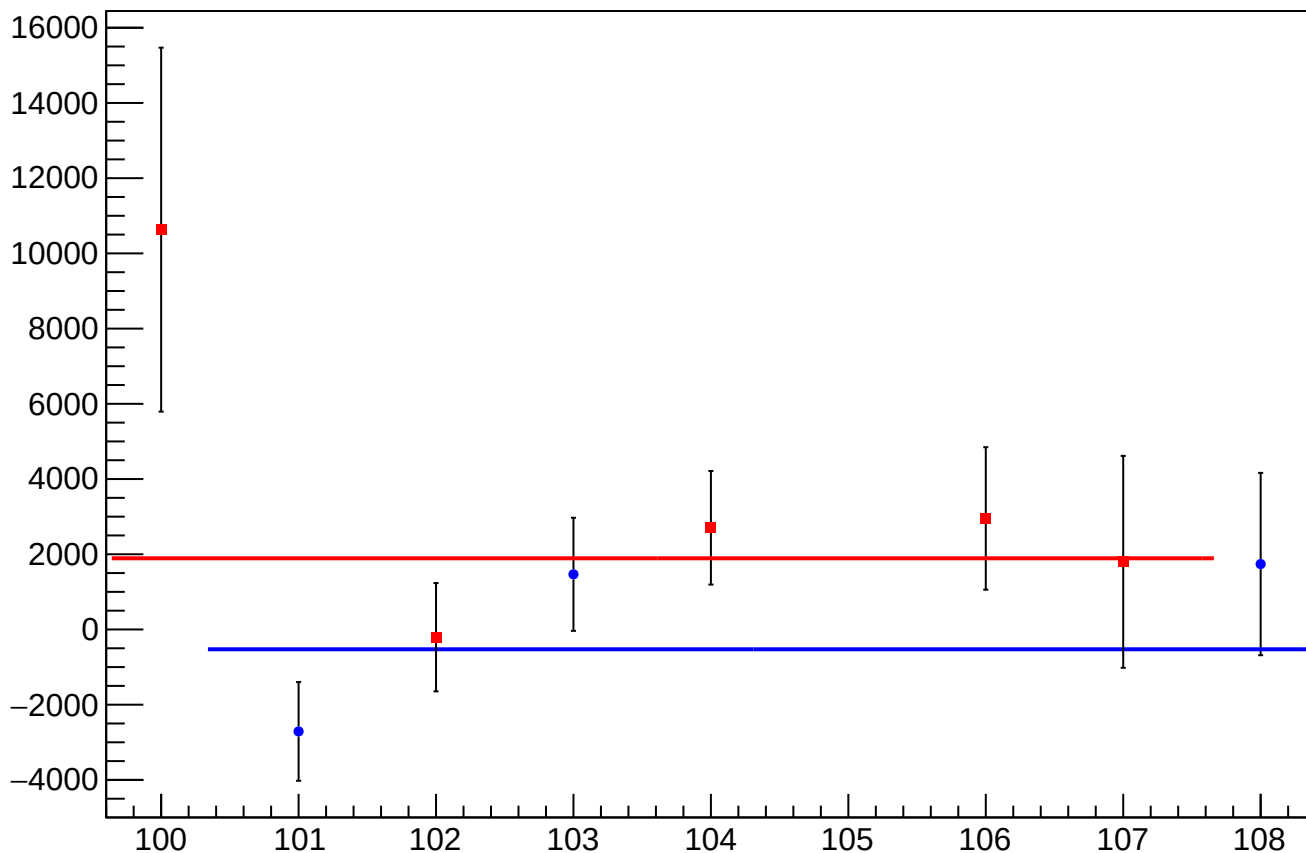
Right: 133.804 $\pm$ 0.053 χ^2 /NDF: 277448.1/7

In: 131.567 $\pm$ 0.075 χ^2 /NDF:135861.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 133.804 $\pm$ 0.053 χ^2 /NDF: 277448.1/7

asym_sam_48_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -526.947+/-915.557 χ^2/NDF : 5.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1892.747+/-854.936 χ^2/NDF : 6.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

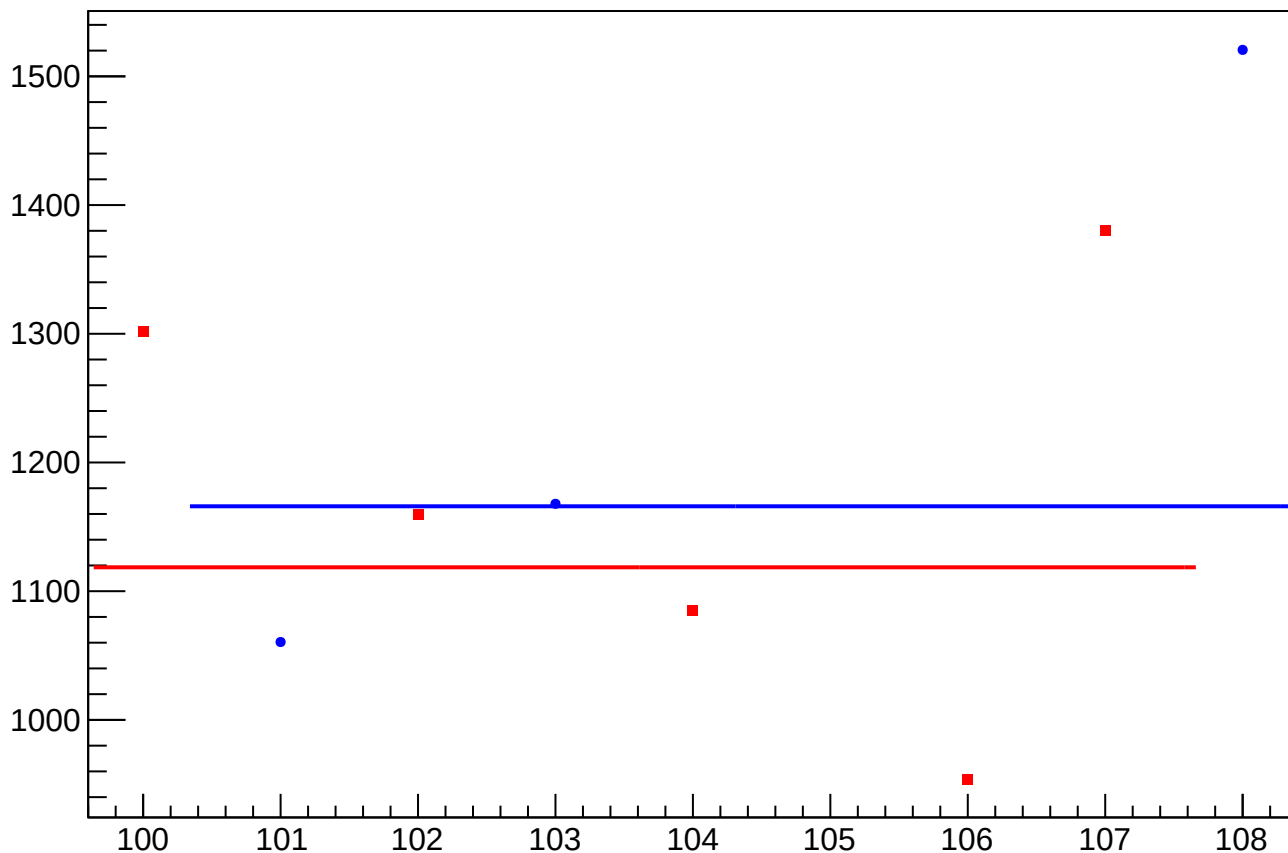
Right: 765.652+/-624.864 χ^2/NDF : 15.1/7

In: -526.947+/-915.557 χ^2/NDF : 5.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 765.652+/-624.864 χ^2/NDF : 15.1/7

asym_sam_48_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1165.965 $\pm$ 0.647 χ^2 /NDF: 55712.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1118.572 $\pm$ 0.605 χ^2 /NDF: 37884.0/4

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

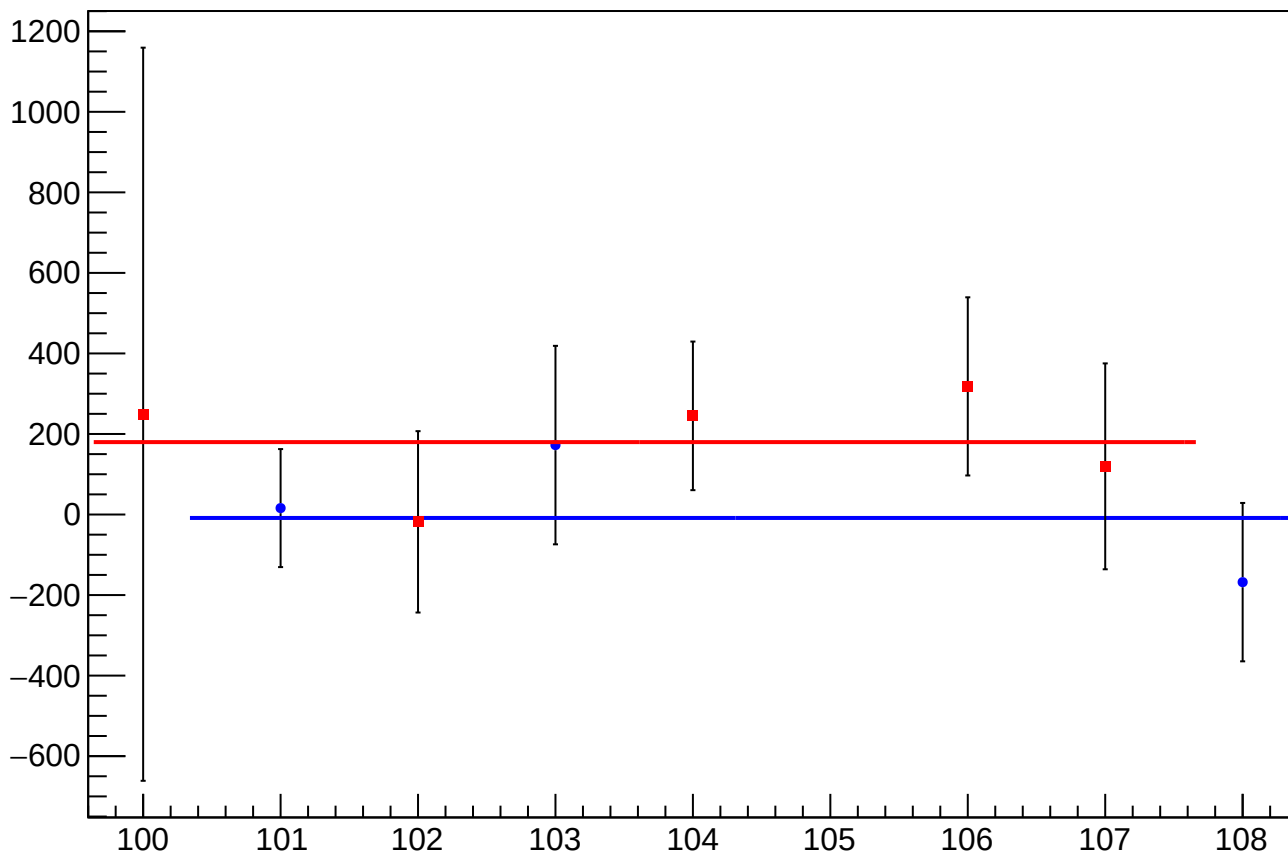
Right: 1140.648 $\pm$ 0.442 χ^2 /NDF: 96459.2/7

In: 1165.965 $\pm$ 0.647 χ^2 /NDF:55712.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1140.648 $\pm$ 0.442 χ^2 /NDF: 96459.2/7

eigen_cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -8.532+/-106.069 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 179.822+/-107.808 χ^2/NDF : 1.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

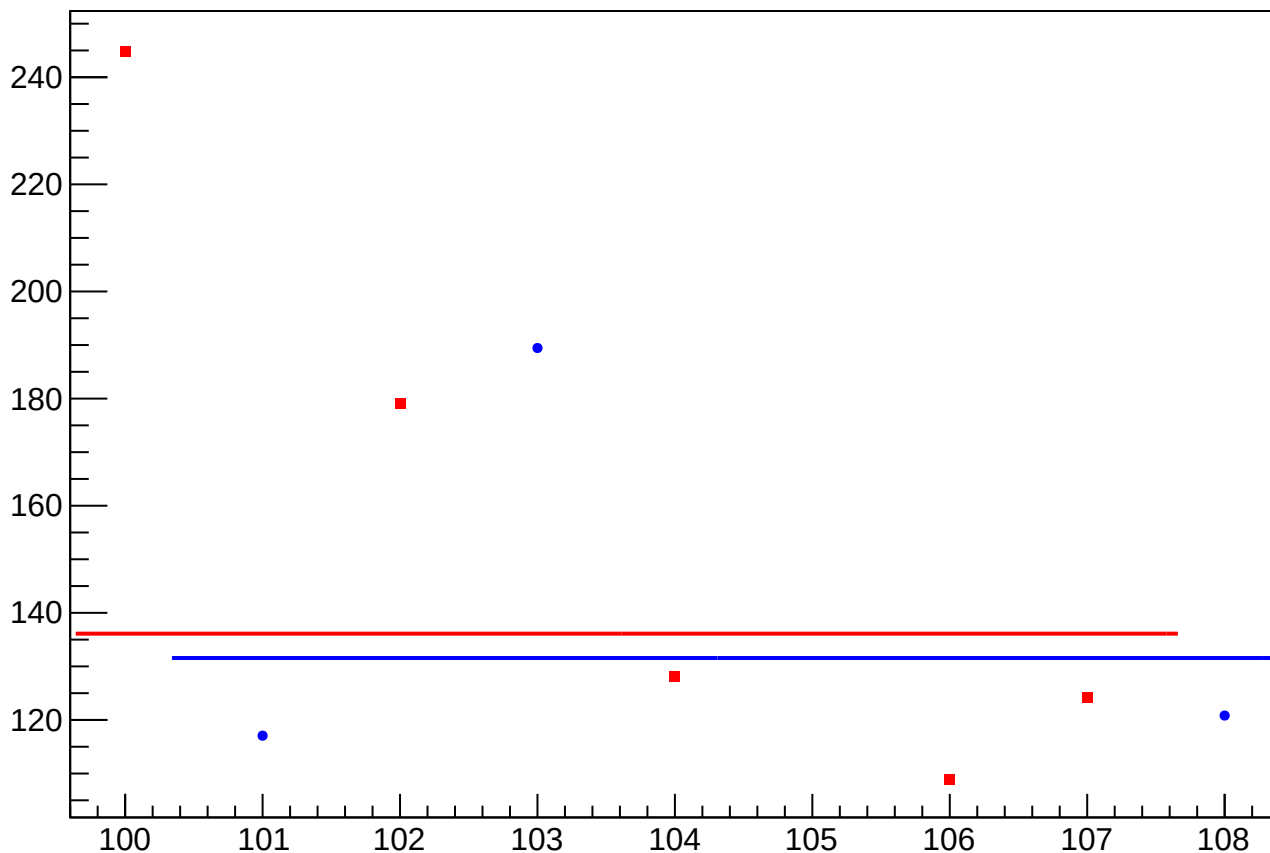
Right: 84.113+/-75.609 χ^2/NDF : 4.1/7

In: -8.532+/-106.069 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.113+/-75.609 χ^2/NDF : 4.1/7

eigen_cor_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 131.567 $\pm$ 0.075 χ^2 /NDF: 135861.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 136.114 $\pm$ 0.076 χ^2 /NDF: 139778.9/4

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

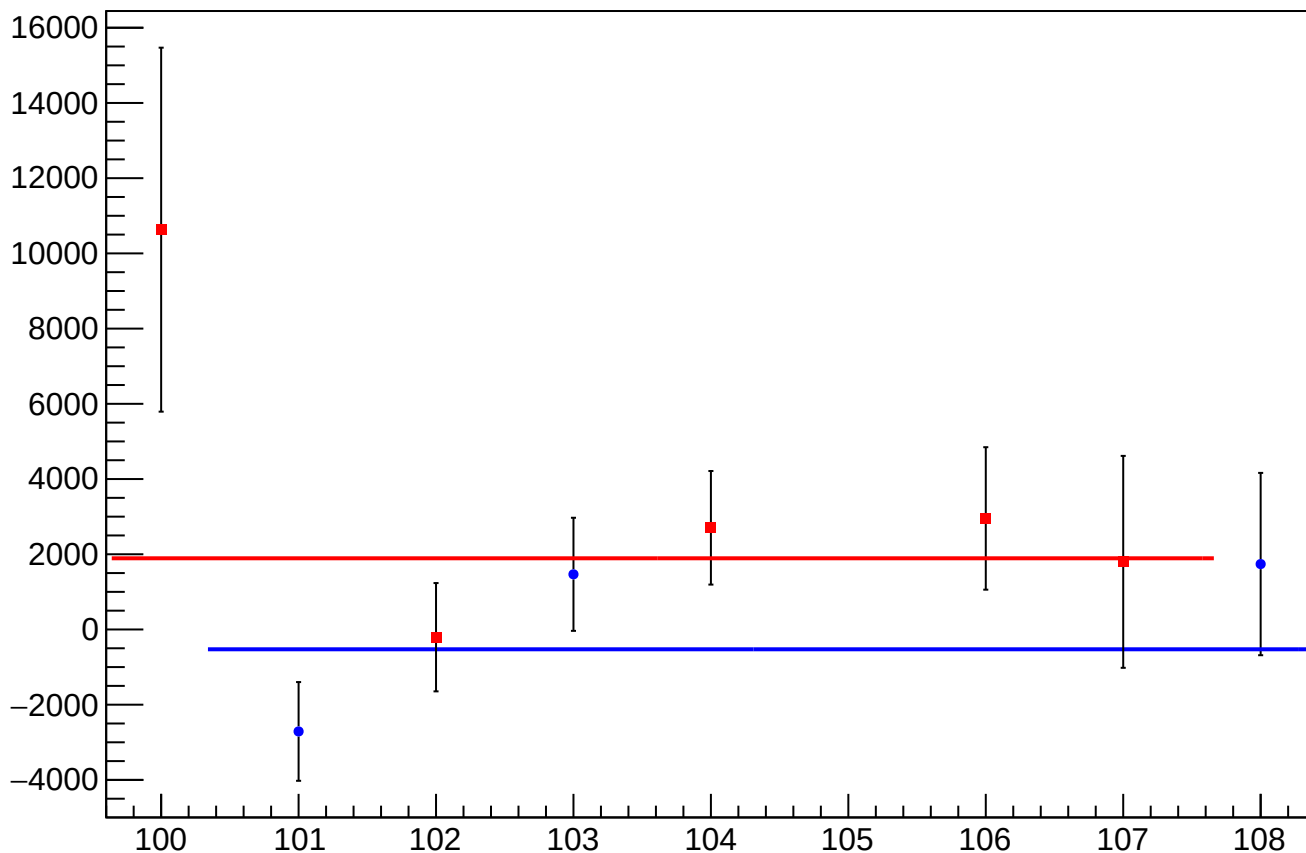
Right: 133.804 $\pm$ 0.053 χ^2 /NDF: 277448.1/7

In: 131.567 $\pm$ 0.075 χ^2 /NDF:135861.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 133.804 $\pm$ 0.053 χ^2 /NDF: 277448.1/7

asym_sam_48_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -526.947+/-915.557 χ^2/NDF : 5.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1892.747+/-854.936 χ^2/NDF : 6.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

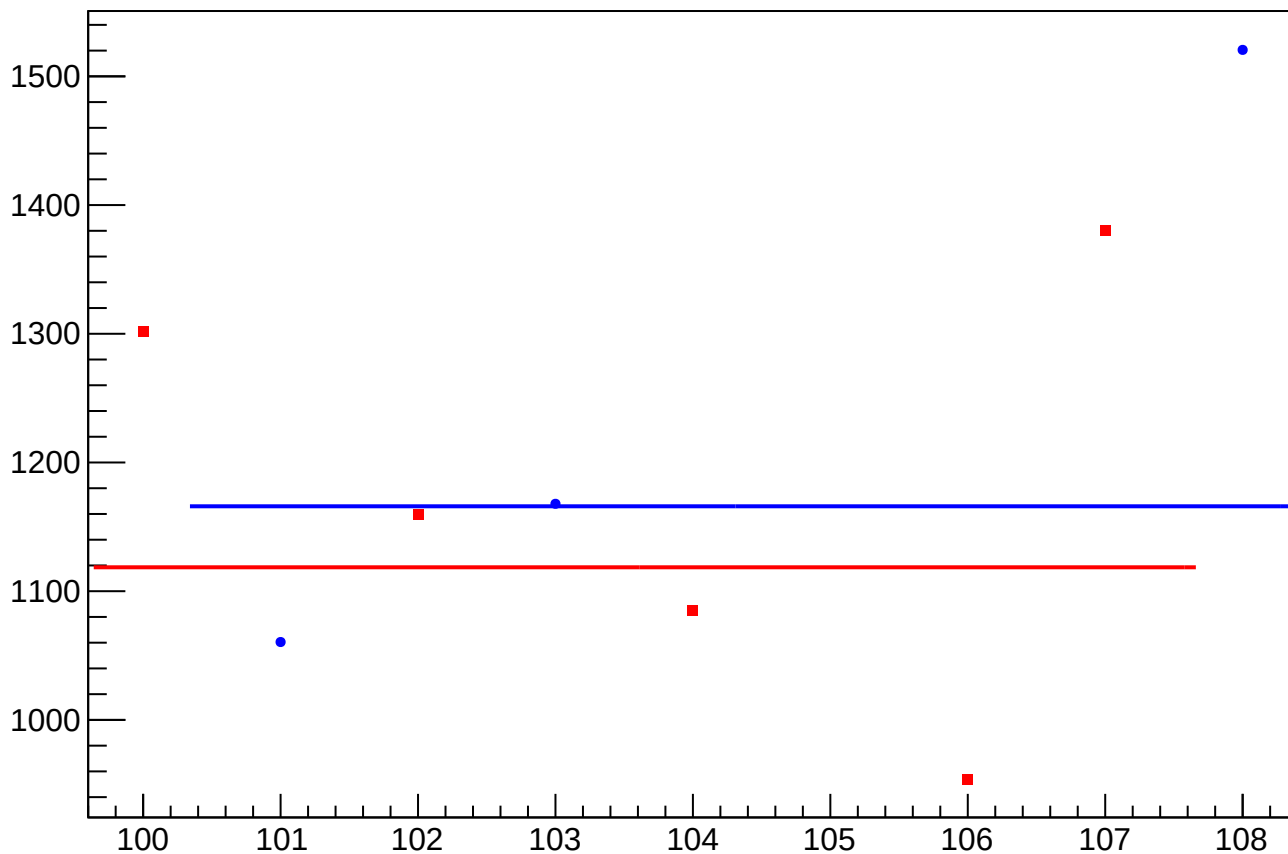
Right: 765.652+/-624.864 χ^2/NDF : 15.1/7

In: -526.947+/-915.557 χ^2/NDF : 5.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 765.652+/-624.864 χ^2/NDF : 15.1/7

asym_sam_48_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1165.965+/-0.647 χ^2/NDF : 55712.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1118.572+/-0.605 χ^2/NDF : 37884.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

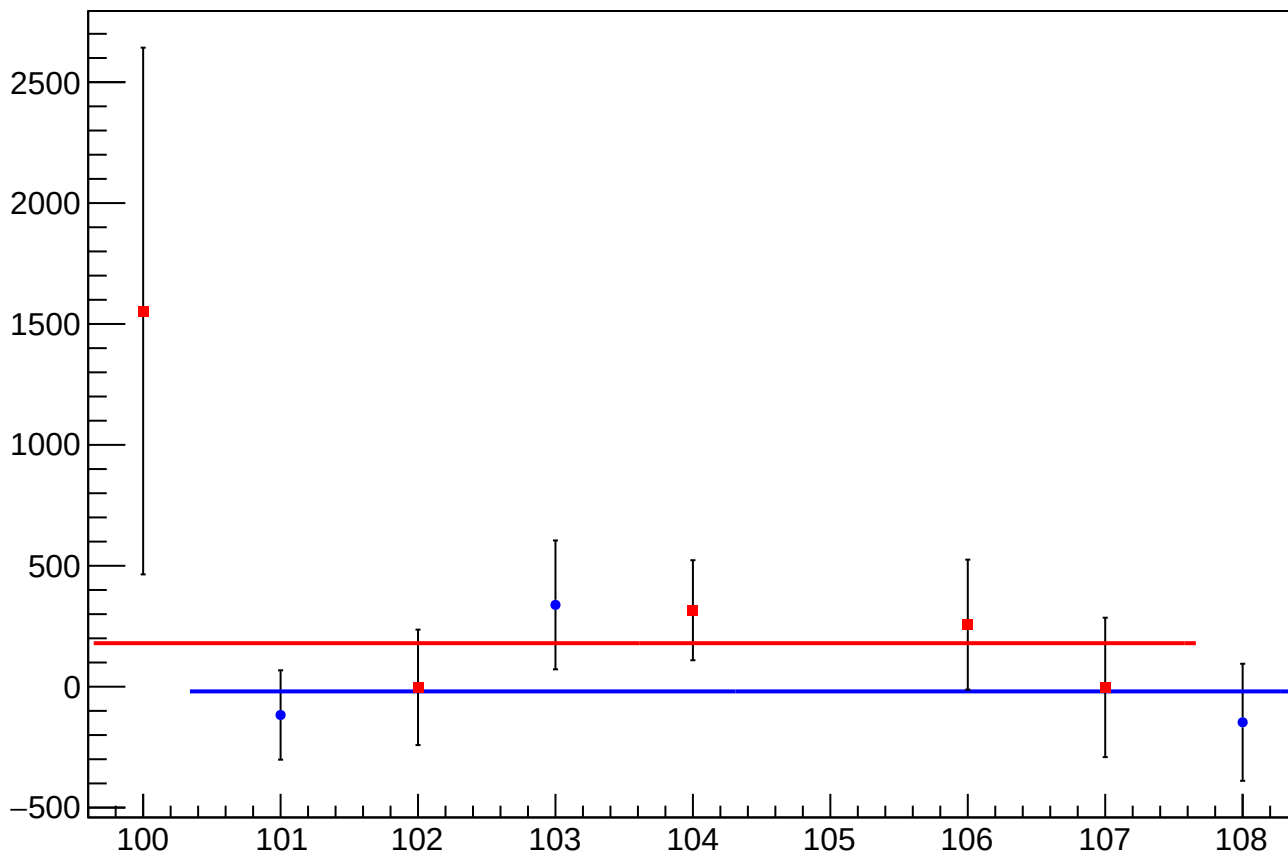
Right: 1140.648+/-0.442 χ^2/NDF : 96459.2/7

In: 1165.965+/-0.647 χ^2/NDF : 55712.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1140.648+/-0.442 χ^2/NDF : 96459.2/7

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -19.475 ± 128.633 χ^2/NDF : 2.4/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 179.940 ± 121.576 χ^2/NDF : 3.1/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

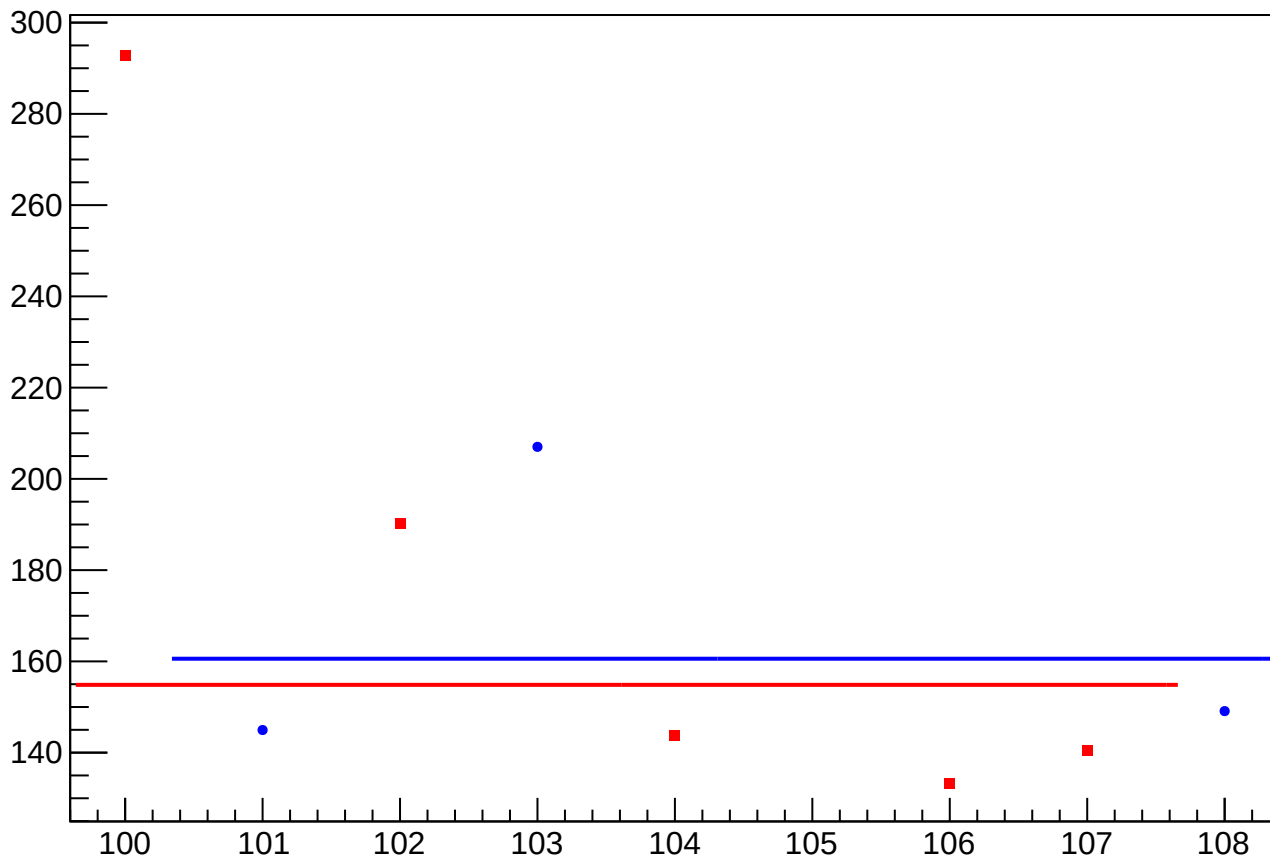
Right: 85.852 ± 88.357 χ^2/NDF : 6.7/7

In: -19.475 ± 128.633 χ^2/NDF : 2.4/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 85.852 ± 88.357 χ^2/NDF : 6.7/7

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 160.584 $\pm$ 0.091 χ^2 /NDF: 79514.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 154.856 $\pm$ 0.086 χ^2 /NDF: 99959.6/4

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

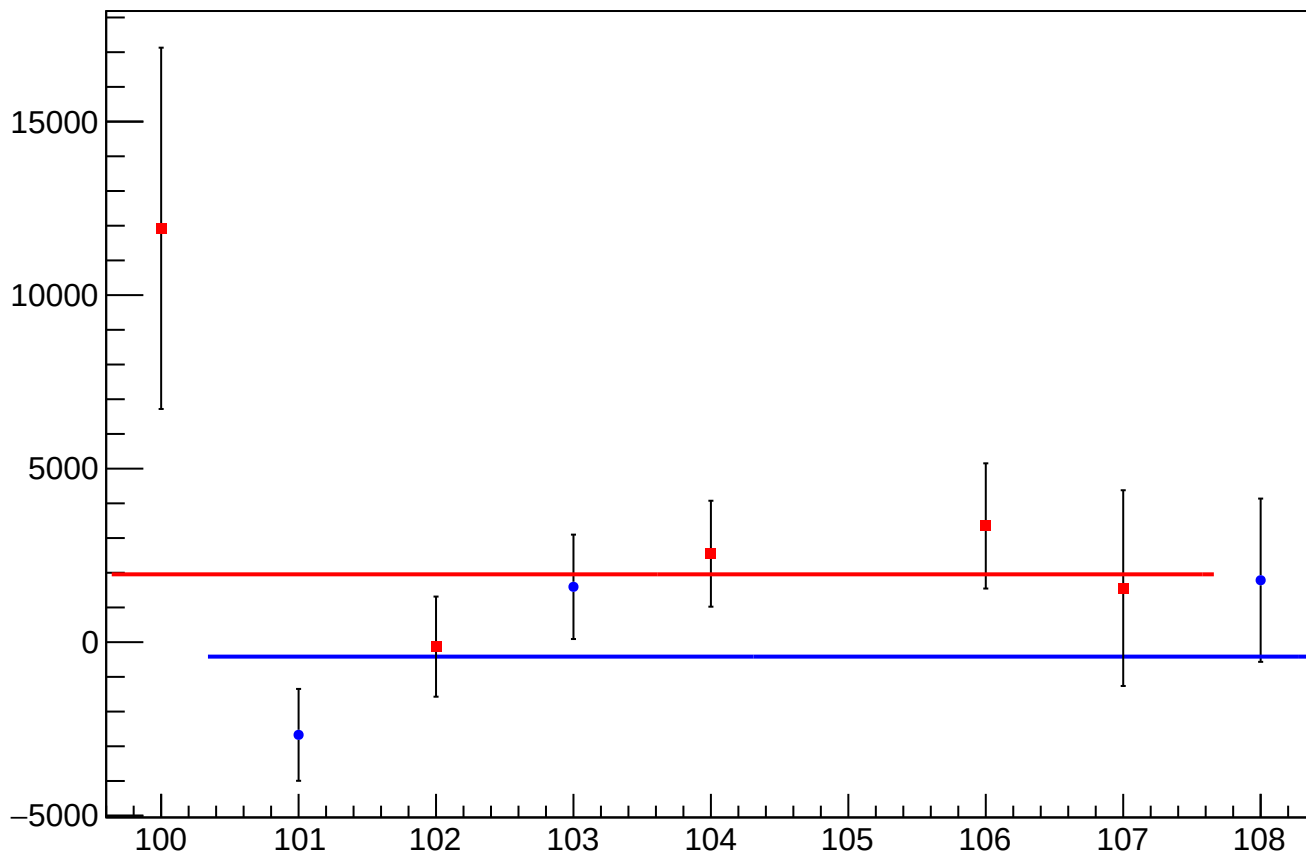
Right: 157.558 $\pm$ 0.062 χ^2 /NDF: 181568.9/7

In: 160.584 $\pm$ 0.091 χ^2 /NDF:79514.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 157.558 $\pm$ 0.062 χ^2 /NDF: 181568.9/7

asym_sam_48_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -416.317 $\pm$ 915.349 χ^2 /NDF: 5.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1954.722 $\pm$ 851.346 χ^2 /NDF: 6.5/4

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

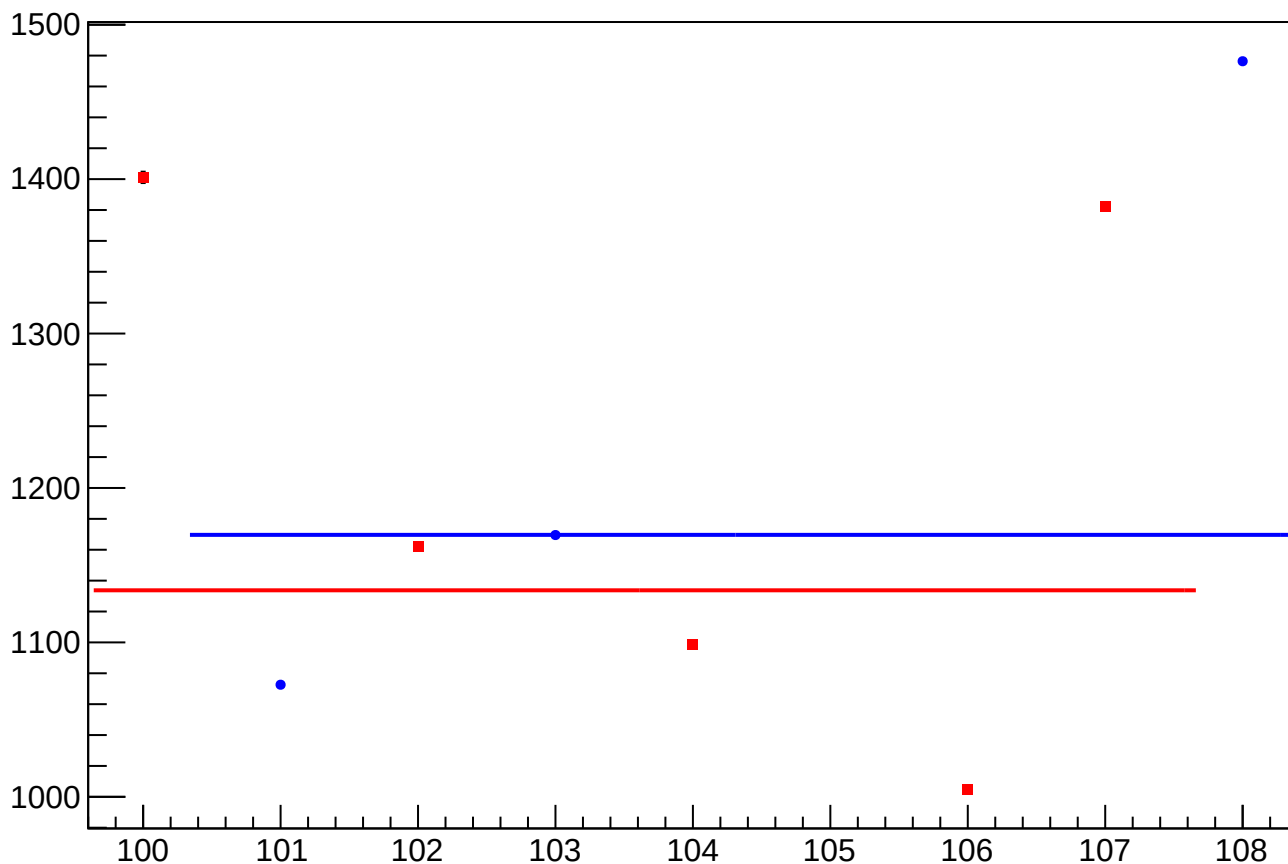
Right: 854.985 $\pm$ 623.392 χ^2 /NDF: 15.7/7

In: -416.317 $\pm$ 915.349 χ^2 /NDF: 5.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 854.985 $\pm$ 623.392 χ^2 /NDF: 15.7/7

asym_sam_48_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1169.637 $\pm$ 0.647 χ^2 /NDF: 44756.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1133.733 $\pm$ 0.602 χ^2 /NDF: 32957.0/4

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

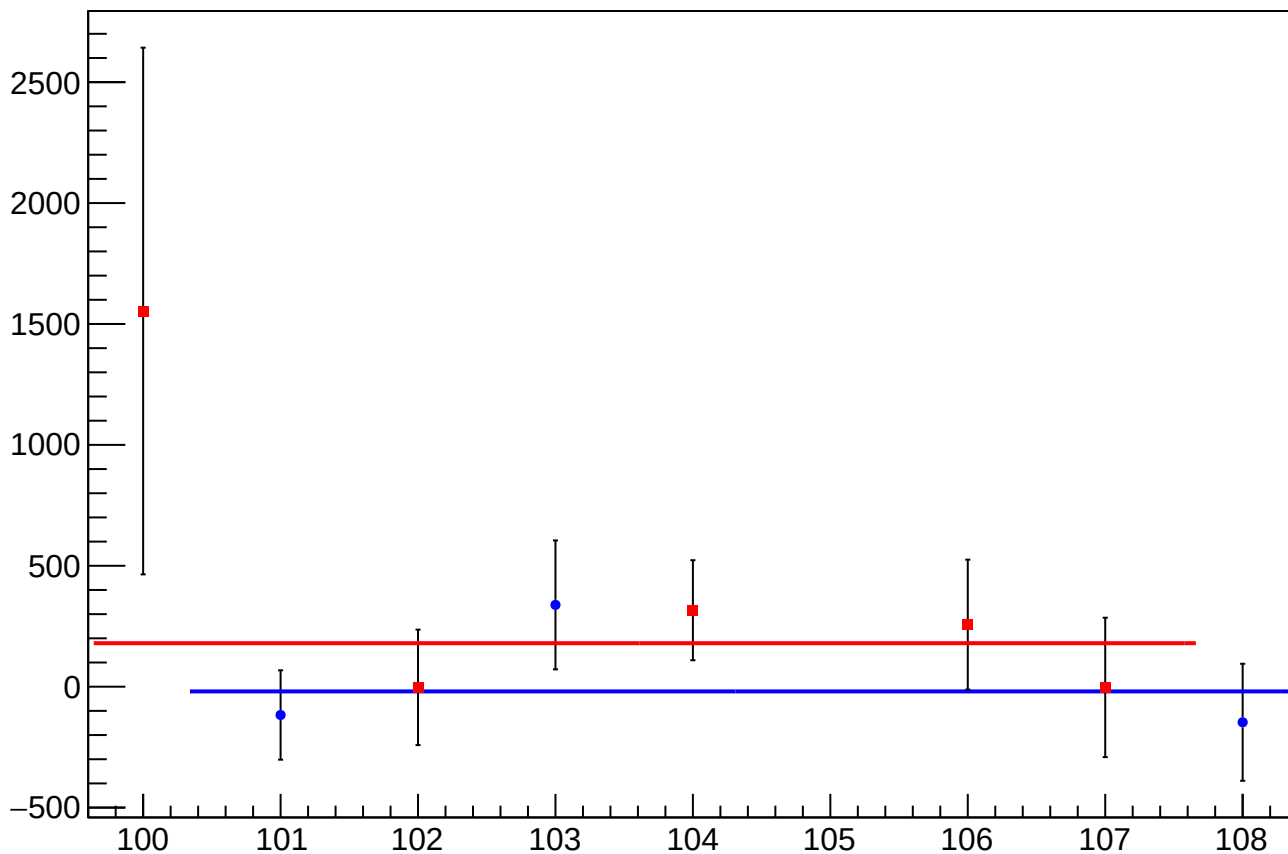
Right: 1150.386 $\pm$ 0.441 χ^2 /NDF: 79363.0/7

In: 1169.637 $\pm$ 0.647 χ^2 /NDF:44756.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1150.386 $\pm$ 0.441 χ^2 /NDF: 79363.0/7

eigen_dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -19.472 ± 128.634 χ^2/NDF : 2.4/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 179.939 ± 121.576 χ^2/NDF : 3.1/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

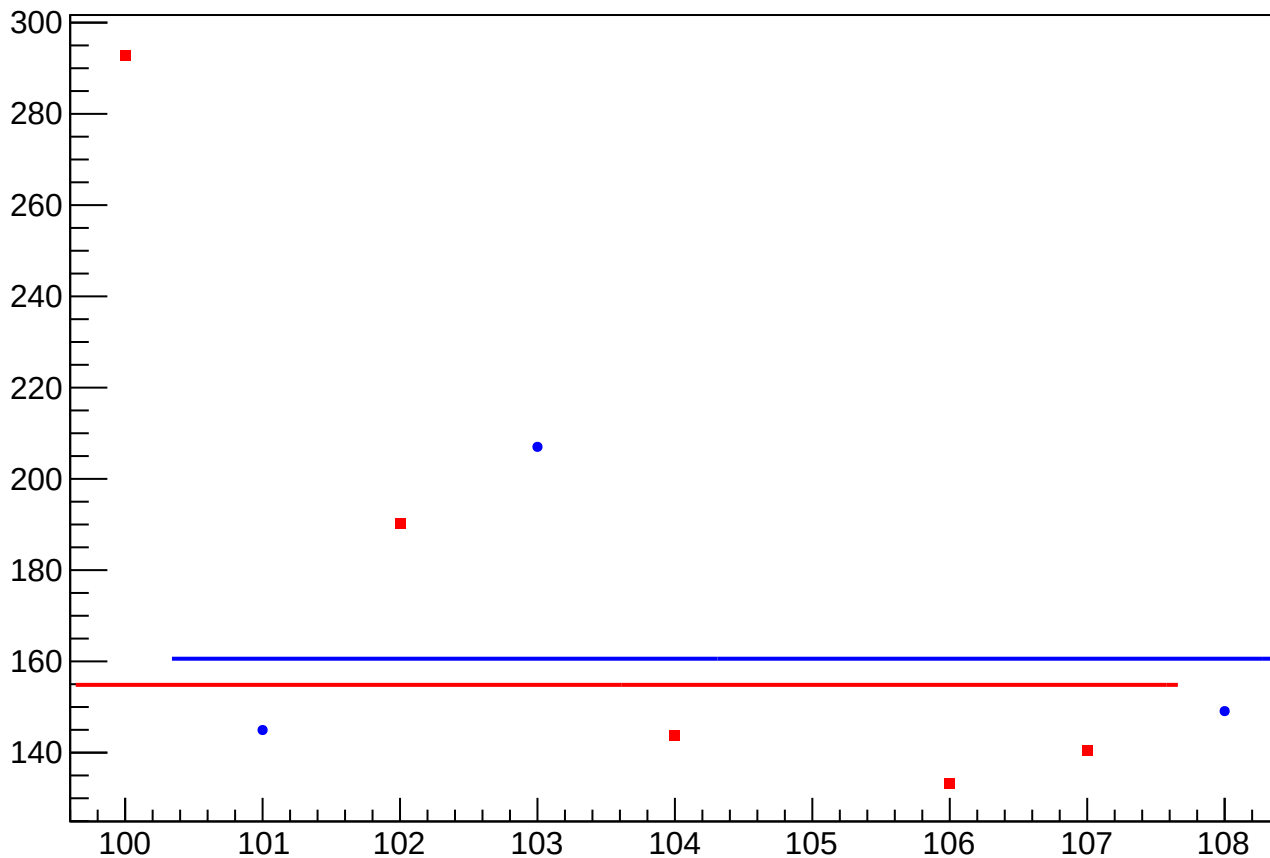
Right: 85.854 ± 88.357 χ^2/NDF : 6.7/7

In: -19.472 ± 128.634 χ^2/NDF : 2.4/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 85.854 ± 88.357 χ^2/NDF : 6.7/7

eigen_dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 160.584+/-0.091 χ^2/NDF : 79512.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.856+/-0.086 χ^2/NDF : 99958.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

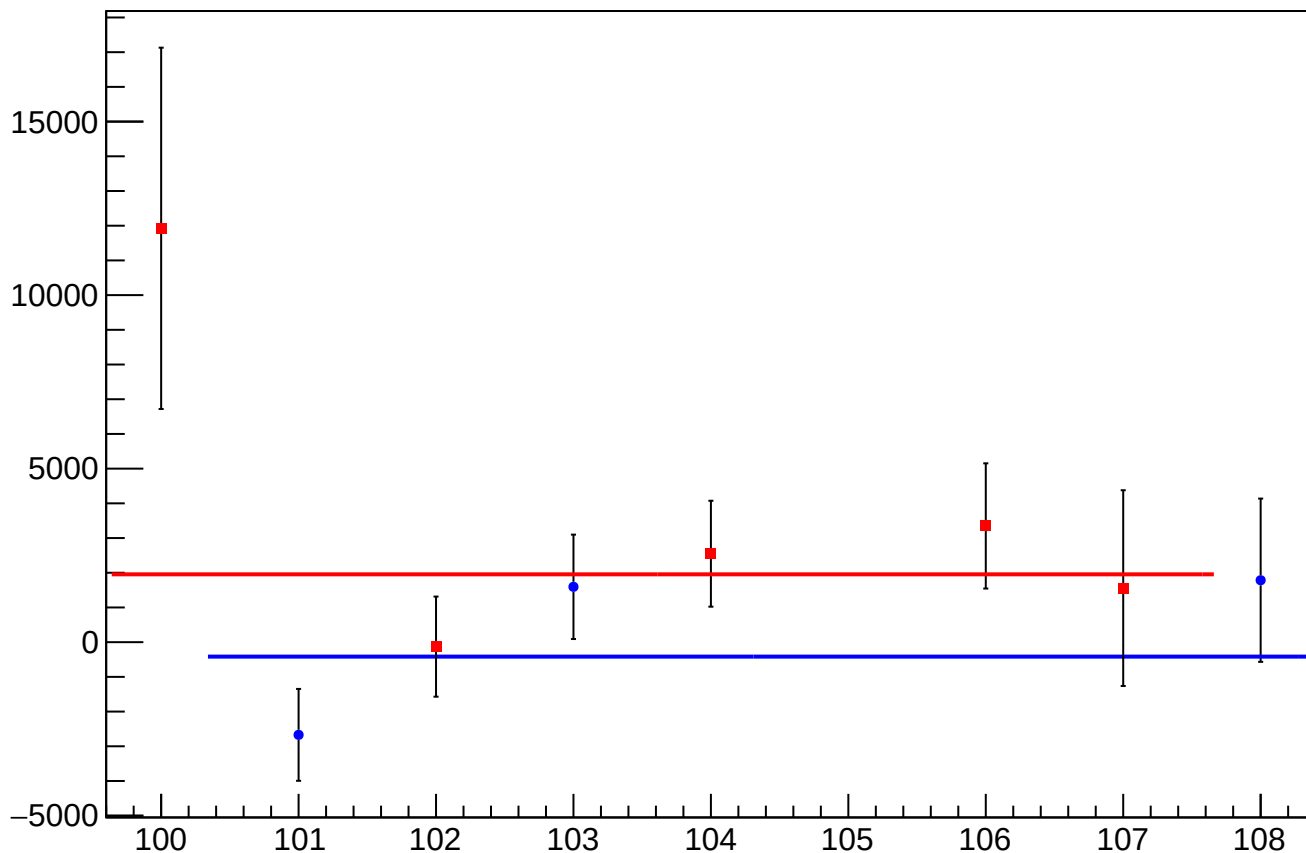
Right: 157.559+/-0.062 χ^2/NDF : 181566.4/7

In: 160.584+/-0.091 χ^2/NDF : 79512.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.559+/-0.062 χ^2/NDF : 181566.4/7

asym_sam_48_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -416.318+/-915.348 χ^2/NDF : 5.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1954.722+/-851.346 χ^2/NDF : 6.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

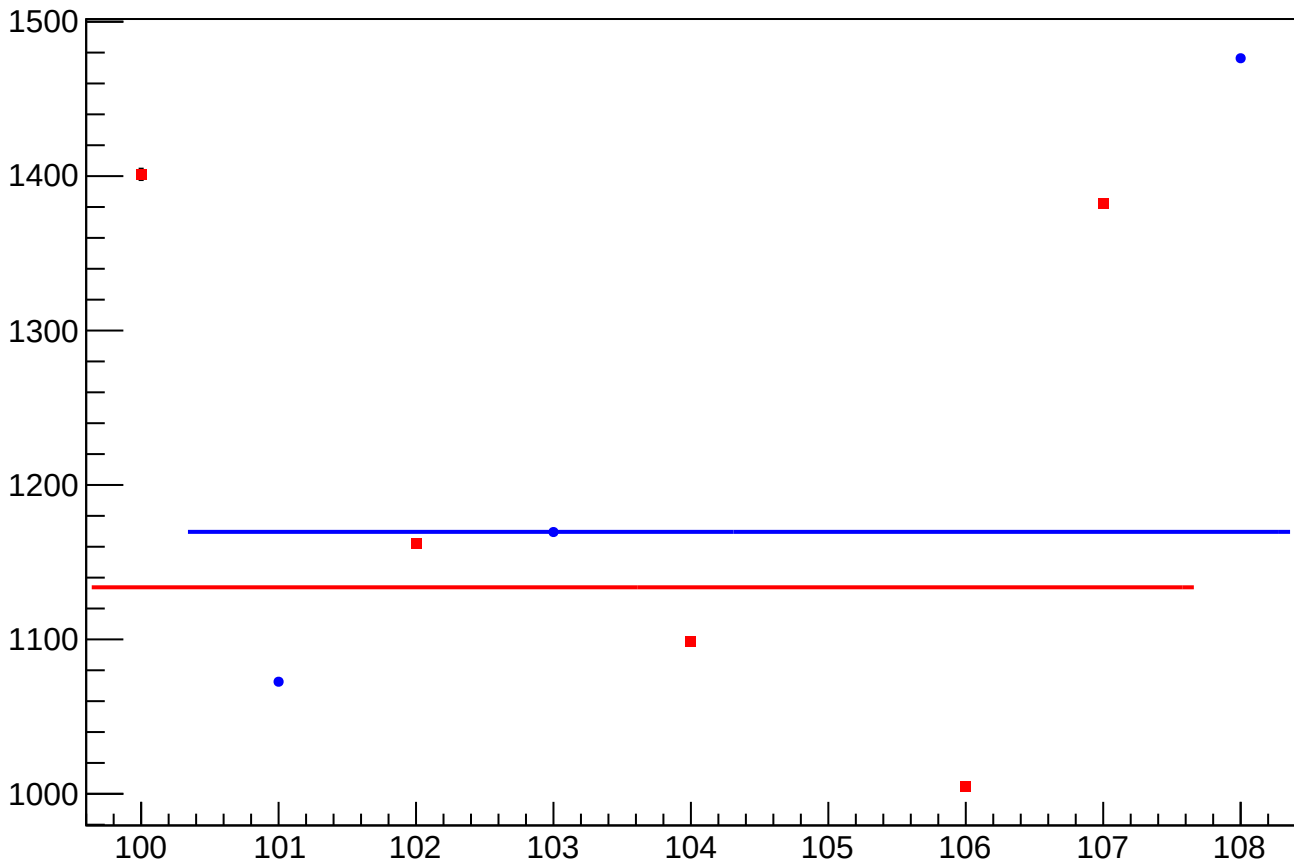
Right: 854.985+/-623.392 χ^2/NDF : 15.7/7

In: -416.318+/-915.348 χ^2/NDF : 5.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 854.985+/-623.392 χ^2/NDF : 15.7/7

asym_sam_48_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1169.637 $\pm$ 0.647 χ^2 /NDF: 44755.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1133.733 $\pm$ 0.602 χ^2 /NDF: 32957.3/4

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

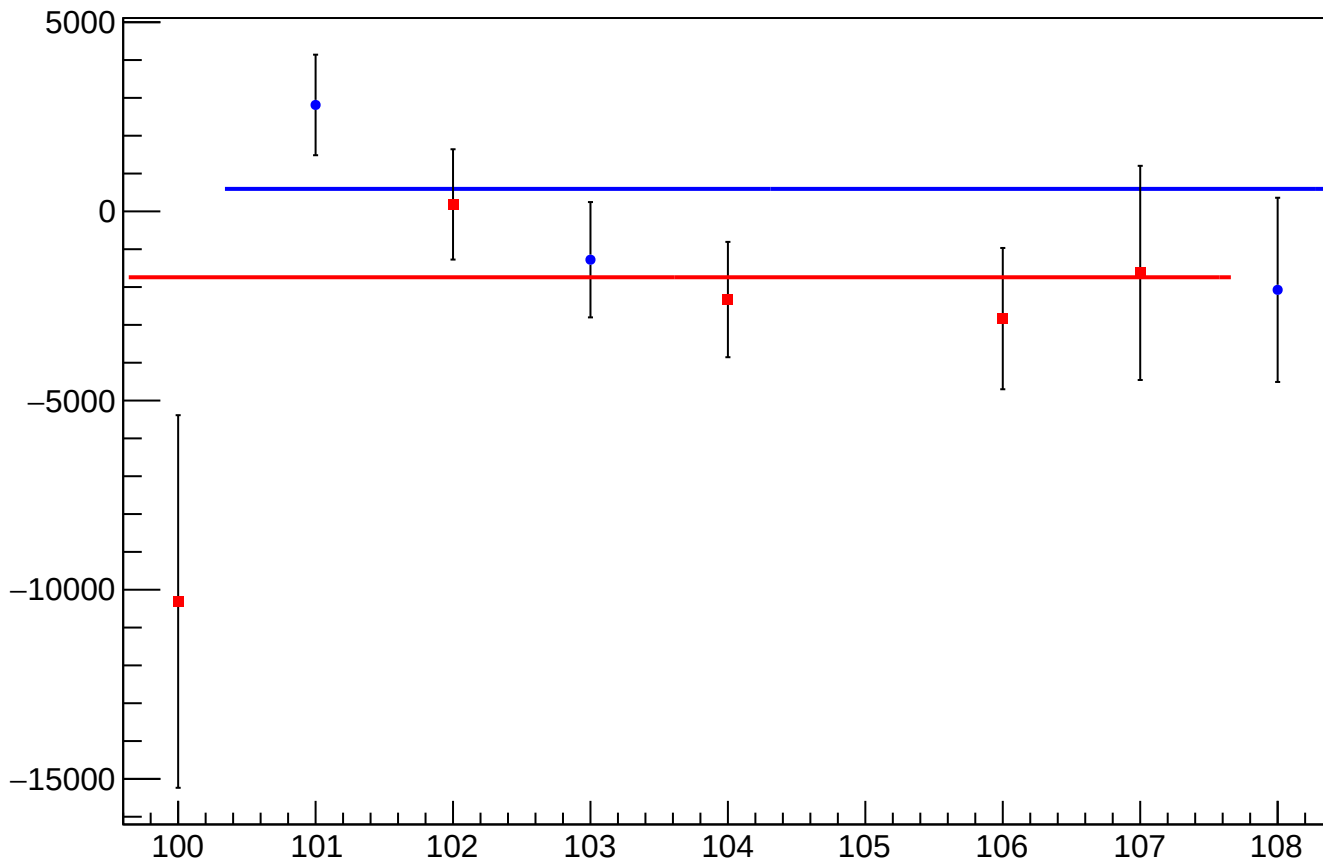
Right: 1150.386 $\pm$ 0.441 χ^2 /NDF: 79363.1/7

In: 1169.637 $\pm$ 0.647 χ^2 /NDF:44755.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1150.386 $\pm$ 0.441 χ^2 /NDF: 79363.1/7

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 594.577+/-926.300 χ^2/NDF : 5.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1741.270+/-859.401 χ^2/NDF : 5.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

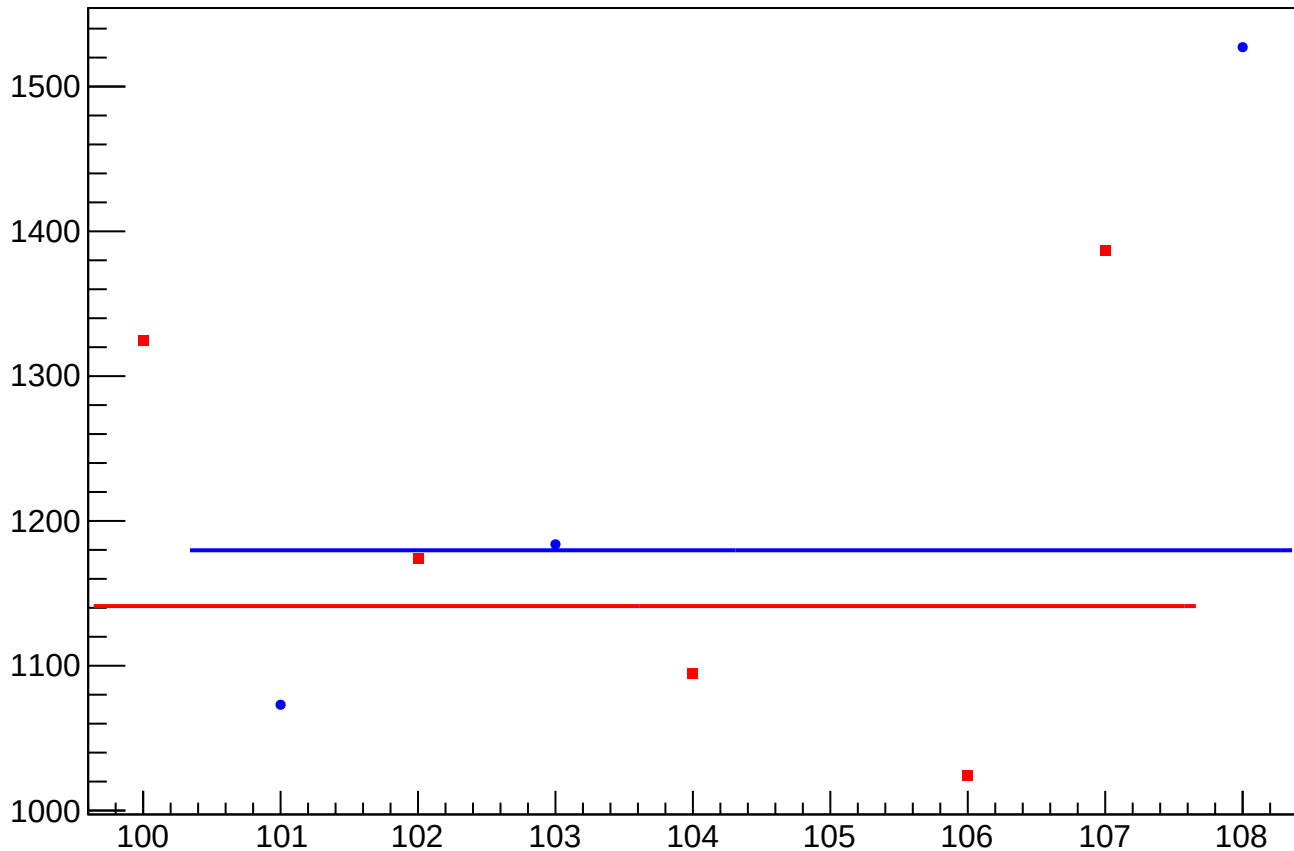
Right: -660.734+/-630.013 χ^2/NDF : 14.2/7

In: 594.577+/-926.300 χ^2/NDF : 5.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -660.734+/-630.013 χ^2/NDF : 14.2/7

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1179.735 $\pm$ 0.655 χ^2 /NDF: 53642.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1141.201 $\pm$ 0.608 χ^2 /NDF: 28584.7/4

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

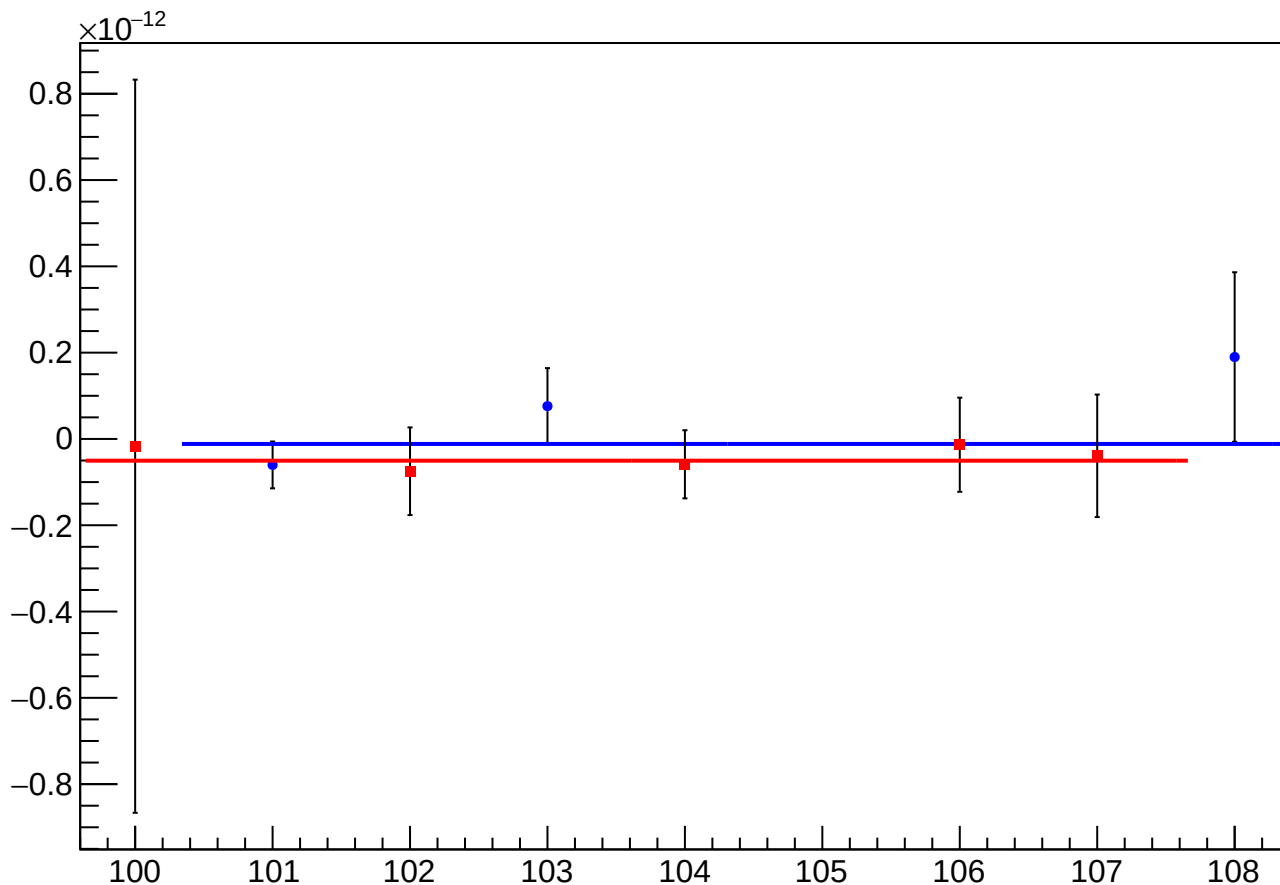
Right: 1159.026 $\pm$ 0.445 χ^2 /NDF: 84087.5/7

In: 1179.735 $\pm$ 0.655 χ^2 /NDF: 53642.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1159.026 $\pm$ 0.445 χ^2 /NDF: 84087.5/7

asym_sam_48_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 0.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

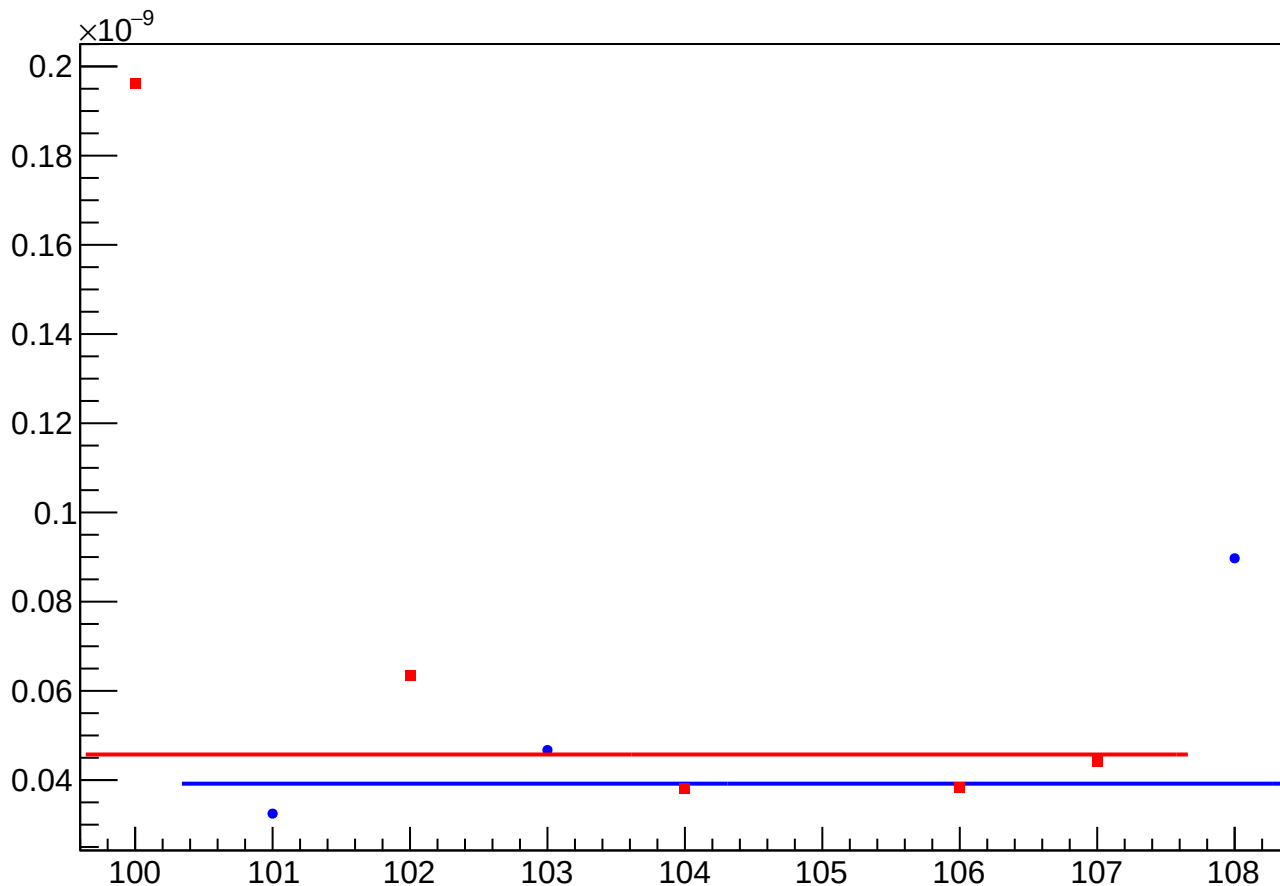
Right: -0.000+/-0.000 χ^2/NDF : 3.4/7

In: -0.000+/-0.000 χ^2/NDF : 2.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.4/7

asym_sam_48_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 177584.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 152254.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

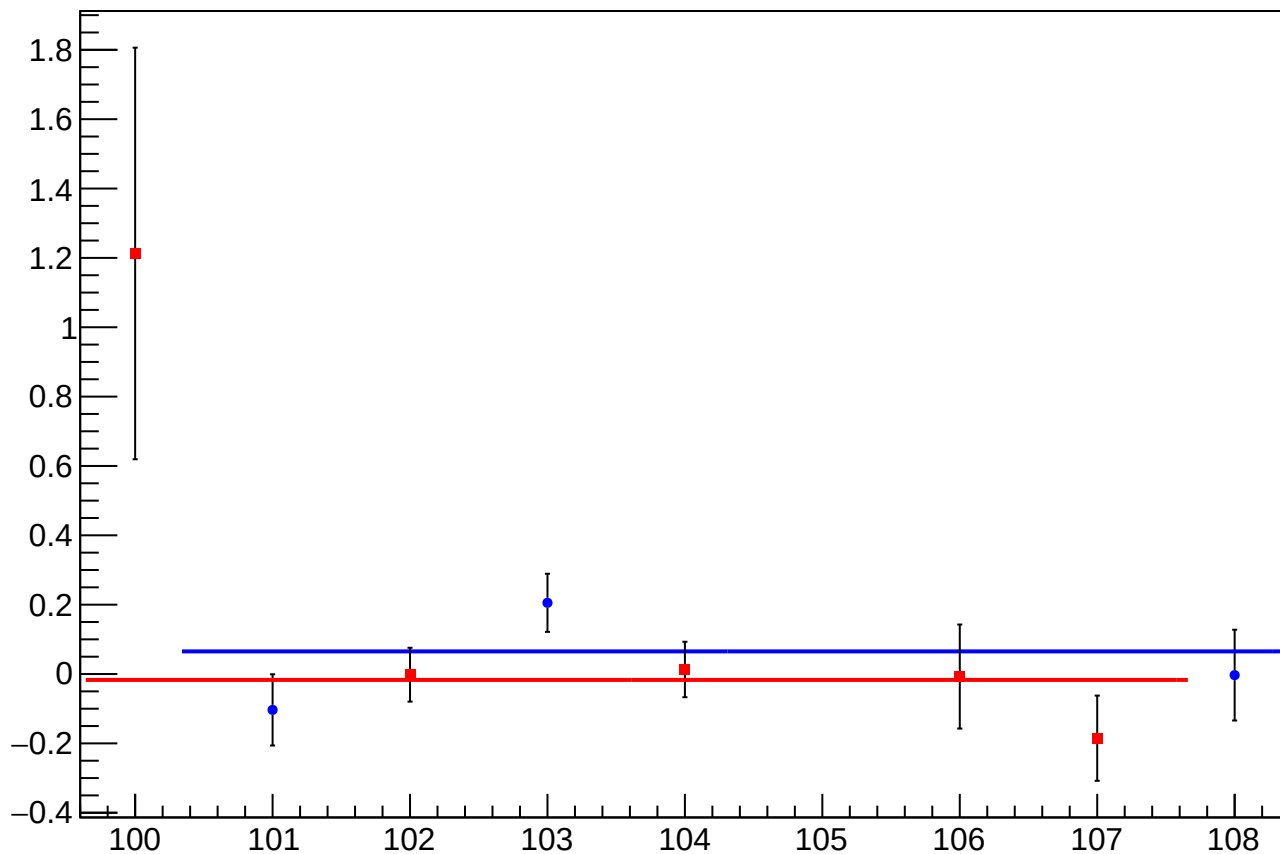
Right: 0.000+/-0.000 χ^2/NDF : 348567.9/7

In: 0.000+/-0.000 χ^2/NDF : 177584.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 348567.9/7

asym_sam_48_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.065+/-0.058 χ^2/NDF : 5.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.017+/-0.048 χ^2/NDF : 6.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

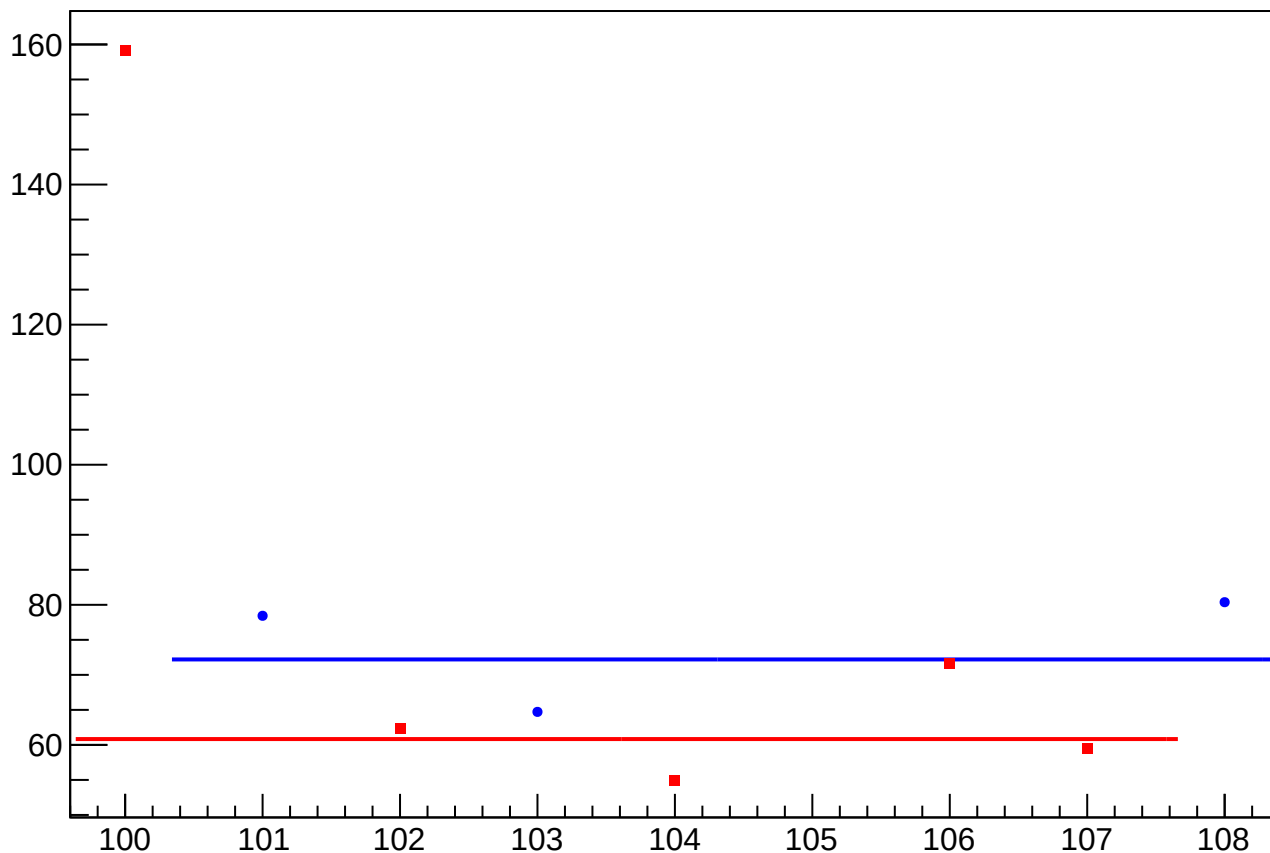
Right: 0.016+/-0.037 χ^2/NDF : 13.3/7

In: 0.065+/-0.058 χ^2/NDF : 5.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.037 χ^2/NDF : 13.3/7

asym_sam_48_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 72.201+/-0.041 χ^2/NDF : 31141.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.834+/-0.034 χ^2/NDF : 77172.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

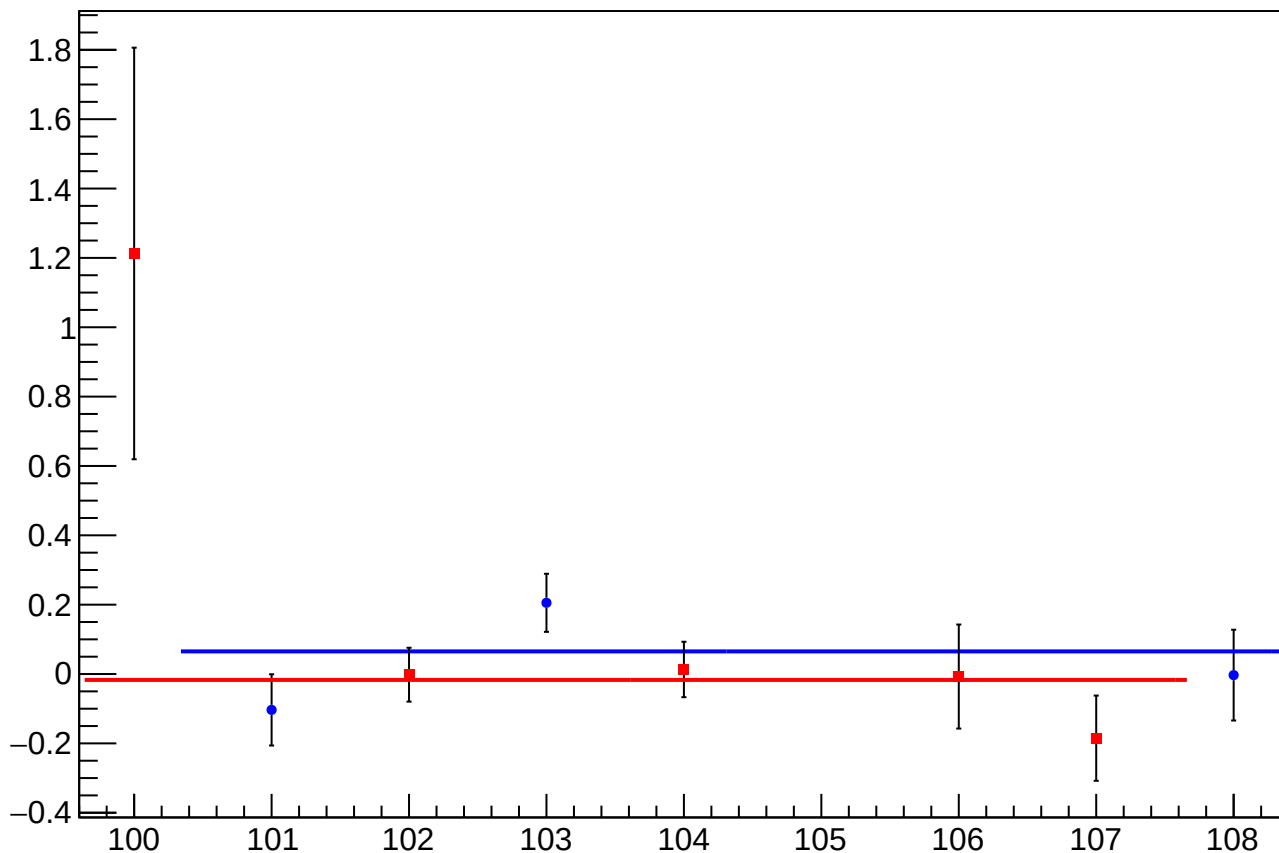
Right: 65.429+/-0.026 χ^2/NDF : 153839.1/7

In: 72.201+/-0.041 χ^2/NDF : 31141.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.429+/-0.026 χ^2/NDF : 153839.1/7

asym_sam_48_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.065+/-0.058 χ^2/NDF : 5.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.017+/-0.048 χ^2/NDF : 6.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

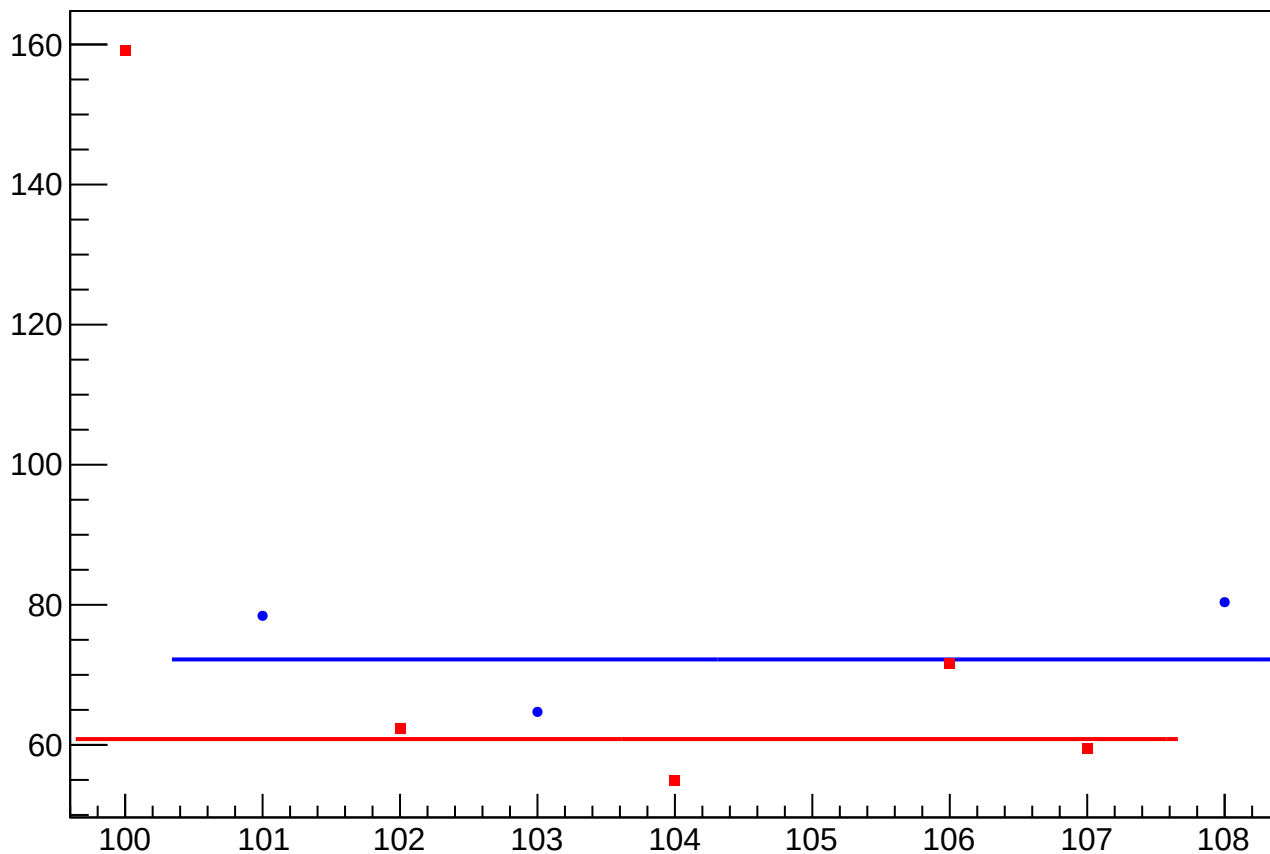
Right: 0.016+/-0.037 χ^2/NDF : 13.3/7

In: 0.065+/-0.058 χ^2/NDF : 5.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.037 χ^2/NDF : 13.3/7

asym_sam_48_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 72.201+/-0.041 χ^2/NDF : 31141.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.834+/-0.034 χ^2/NDF : 77172.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

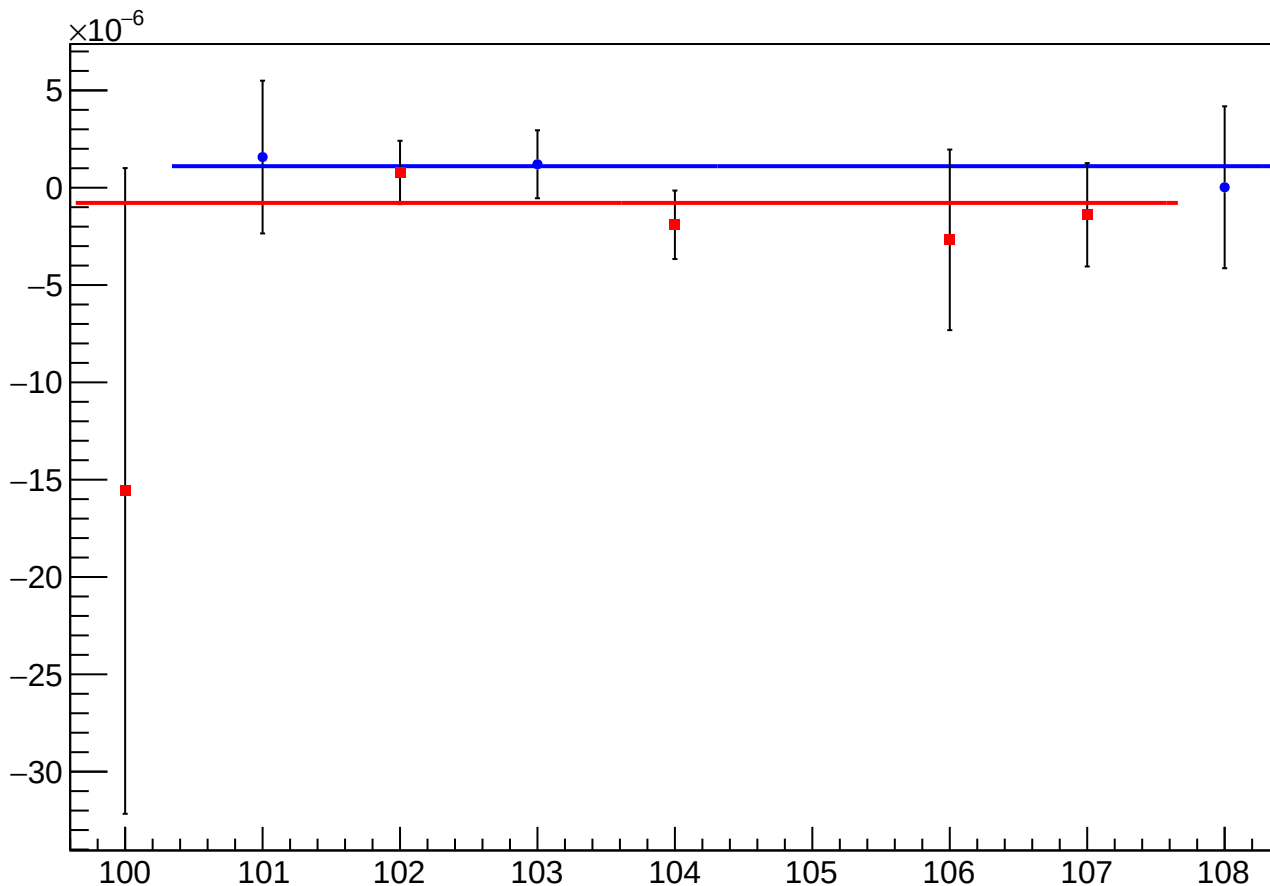
Right: 65.429+/-0.026 χ^2/NDF : 153839.1/7

In: 72.201+/-0.041 χ^2/NDF : 31141.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.429+/-0.026 χ^2/NDF : 153839.1/7

asym_sam_48_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.4/4

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

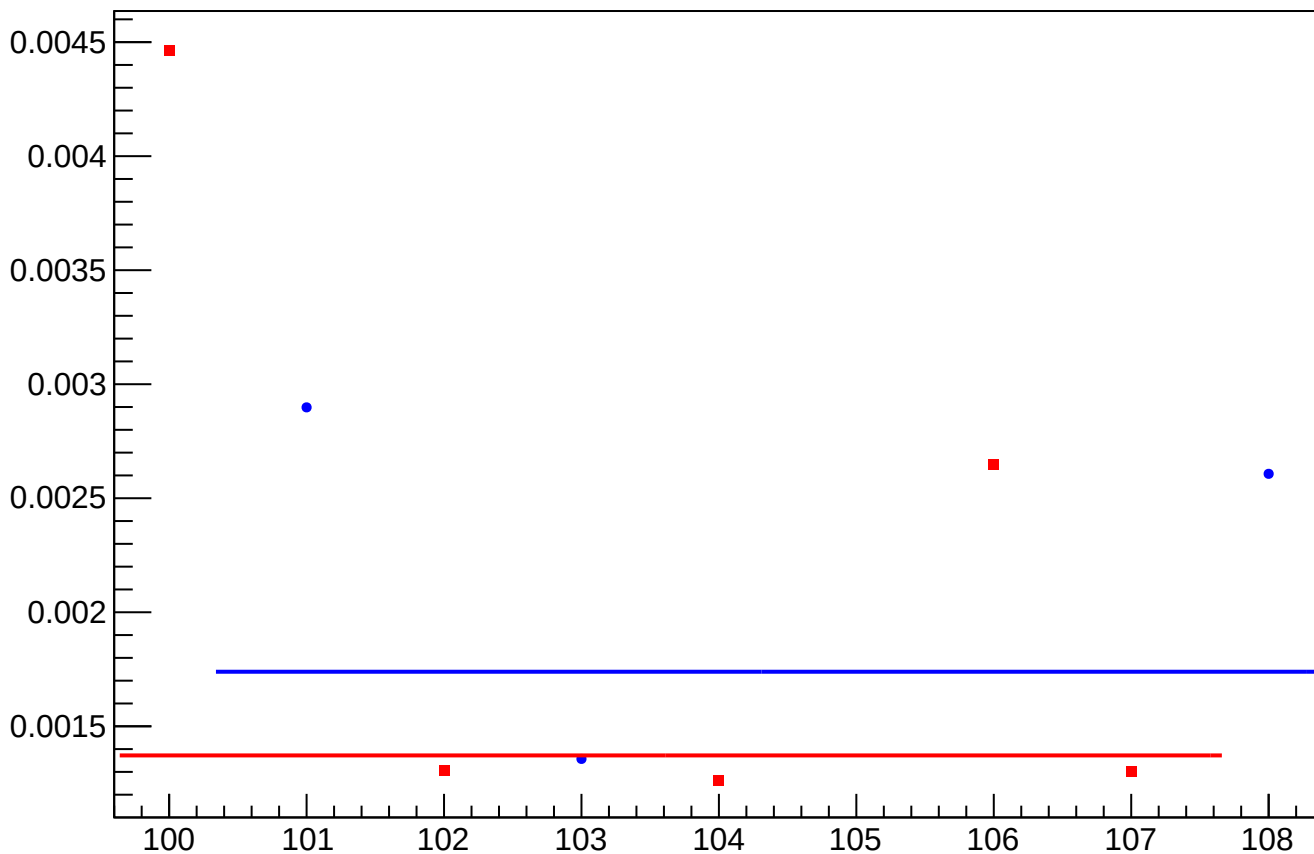
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.5/7

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.5/7

asym_sam_48_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 357491.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 232974.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

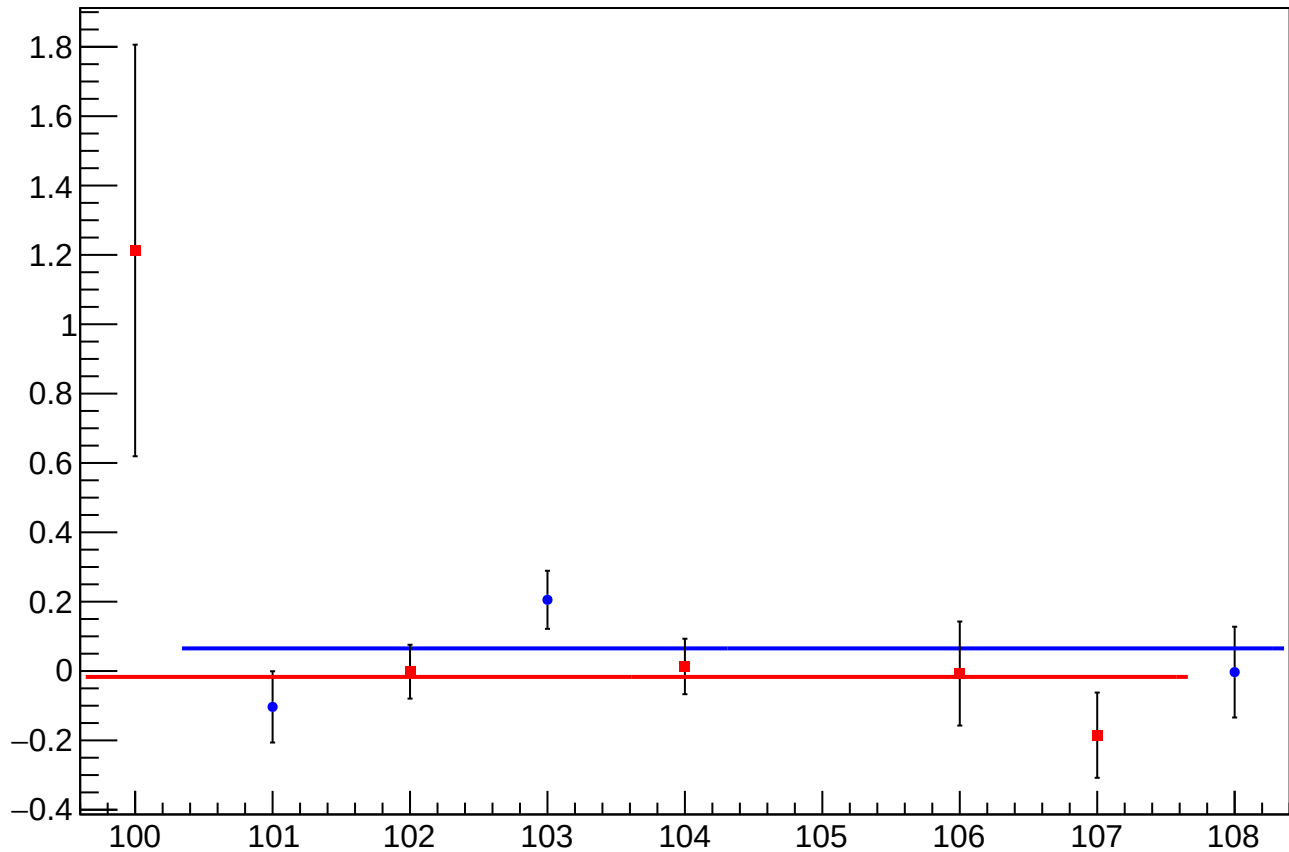
Right: 0.001+/-0.000 χ^2/NDF : 671159.5/7

In: 0.002+/-0.000 χ^2/NDF : 357491.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 671159.5/7

asym_sam_48_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.065+/-0.058 χ^2/NDF : 5.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.017+/-0.048 χ^2/NDF : 6.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

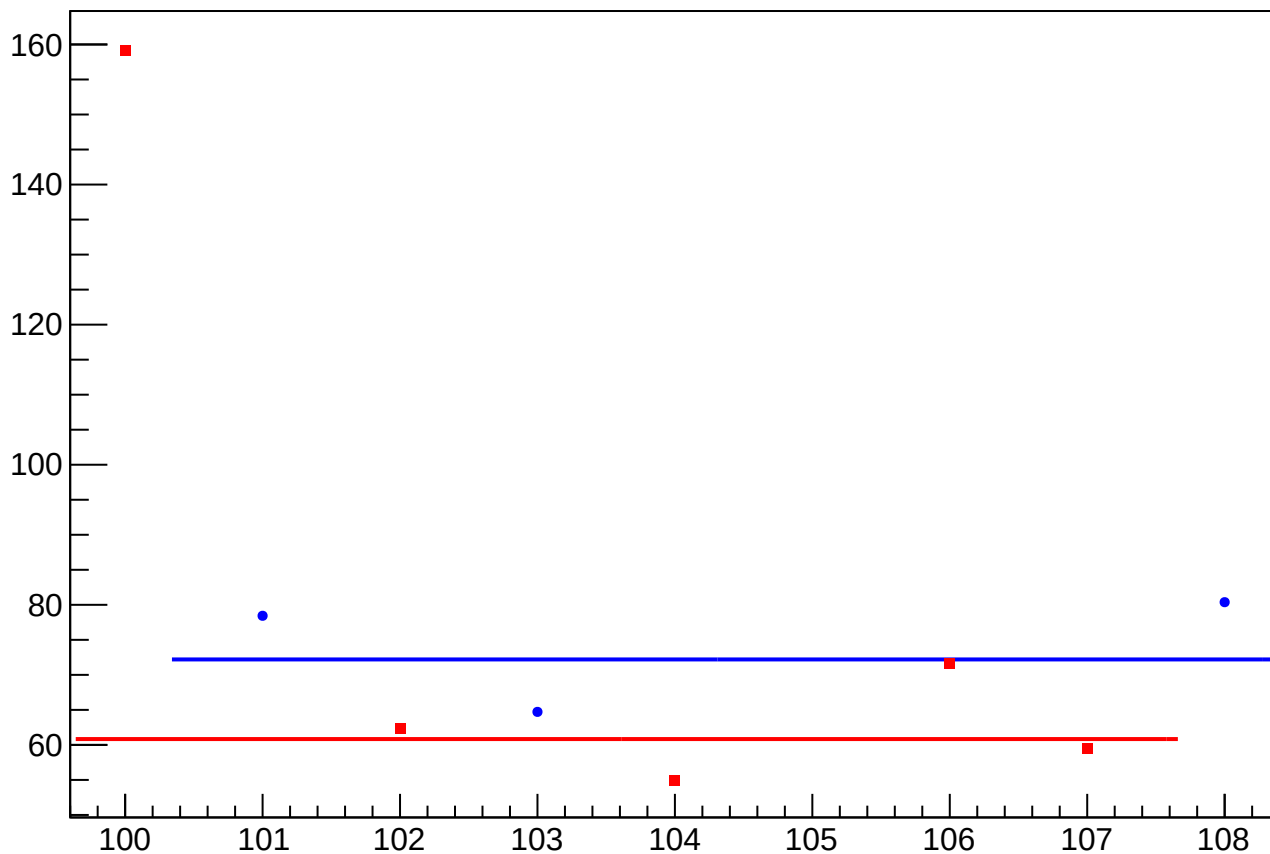
Right: 0.016+/-0.037 χ^2/NDF : 13.3/7

In: 0.065+/-0.058 χ^2/NDF : 5.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.037 χ^2/NDF : 13.3/7

asym_sam_48_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 72.202 +/- 0.041 χ^2/NDF : 31145.0/2

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 60.835 +/- 0.034 χ^2/NDF : 77173.2/4

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

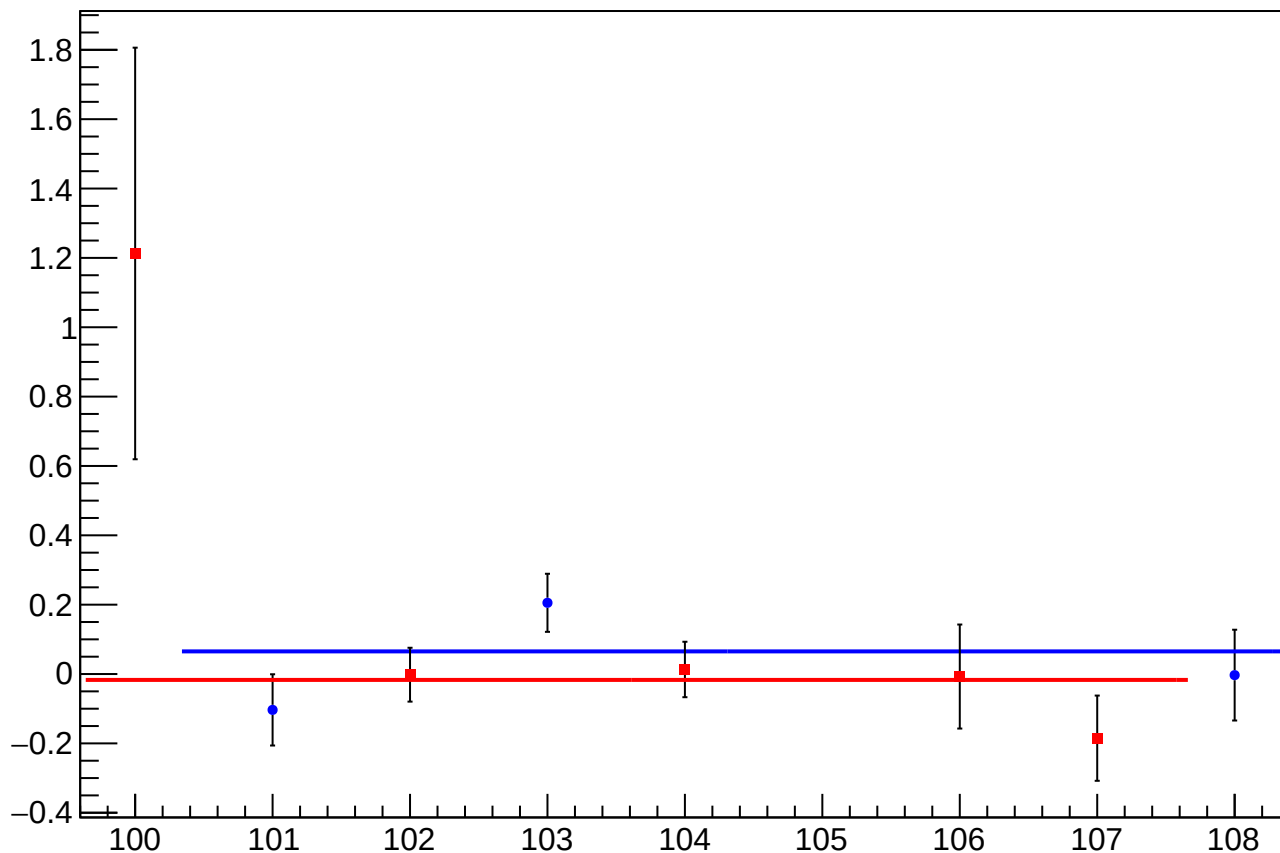
Right: 65.430 +/- 0.026 χ^2/NDF : 153846.3/7

In: 72.202 +/- 0.041 χ^2/NDF : 31145.0/2

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 65.430 +/- 0.026 χ^2/NDF : 153846.3/7

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.065+/-0.058 χ^2/NDF : 5.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.017+/-0.048 χ^2/NDF : 6.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

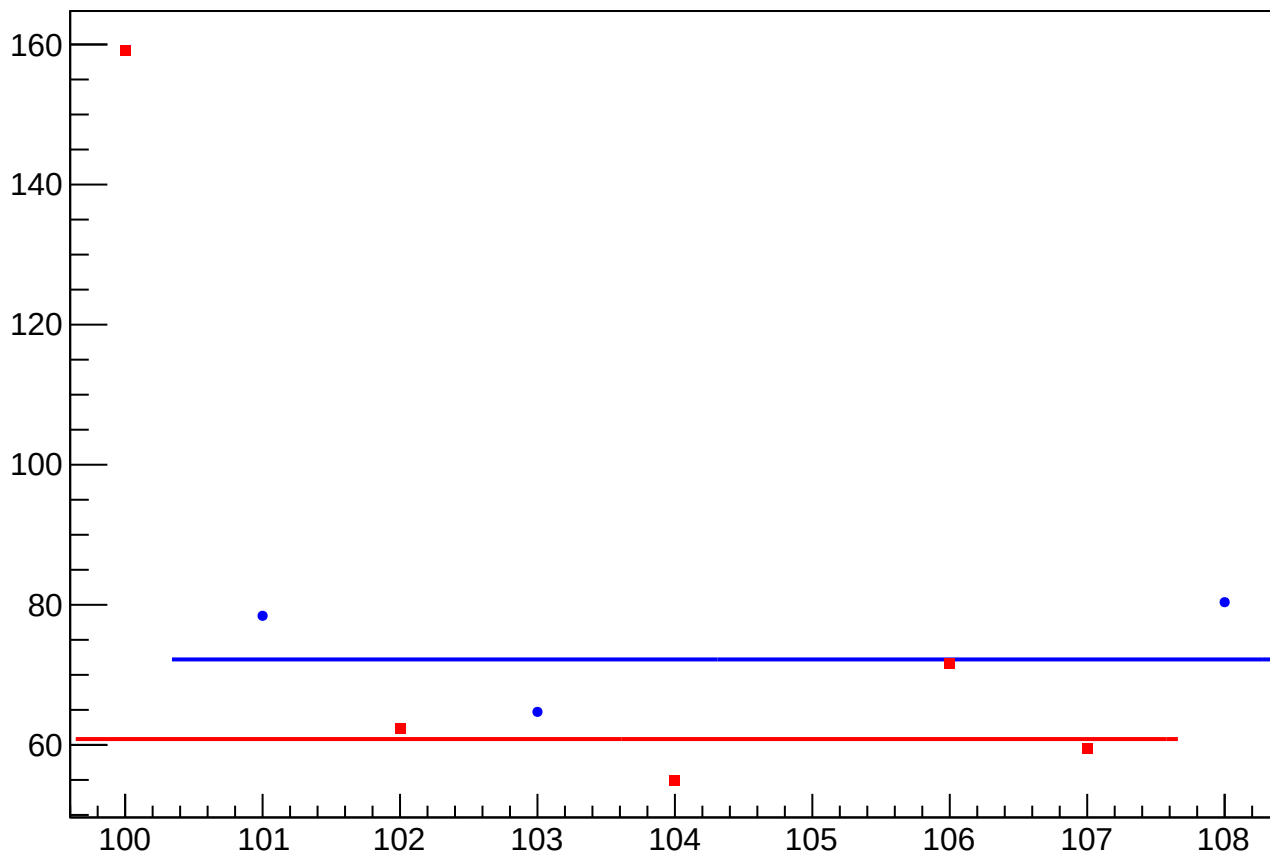
Right: 0.016+/-0.037 χ^2/NDF : 13.3/7

In: 0.065+/-0.058 χ^2/NDF : 5.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.037 χ^2/NDF : 13.3/7

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 72.202 $\pm$ 0.041 χ^2 /NDF: 31145.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 60.835 $\pm$ 0.034 χ^2 /NDF: 77173.2/4

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

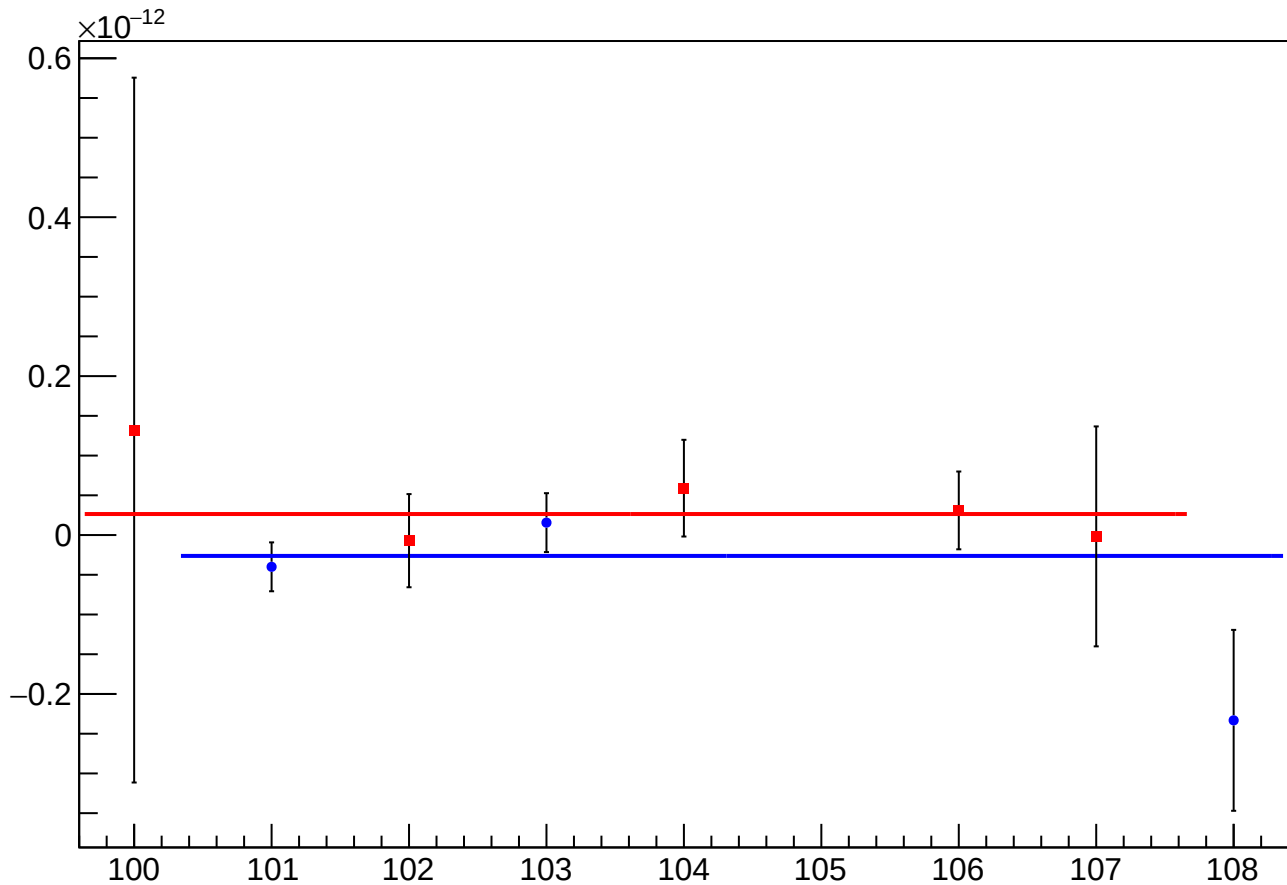
Right: 65.430 $\pm$ 0.026 χ^2 /NDF: 153846.3/7

In: 72.202 $\pm$ 0.041 χ^2 /NDF:31145.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 65.430 $\pm$ 0.026 χ^2 /NDF: 153846.3/7

asym_sam_48_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

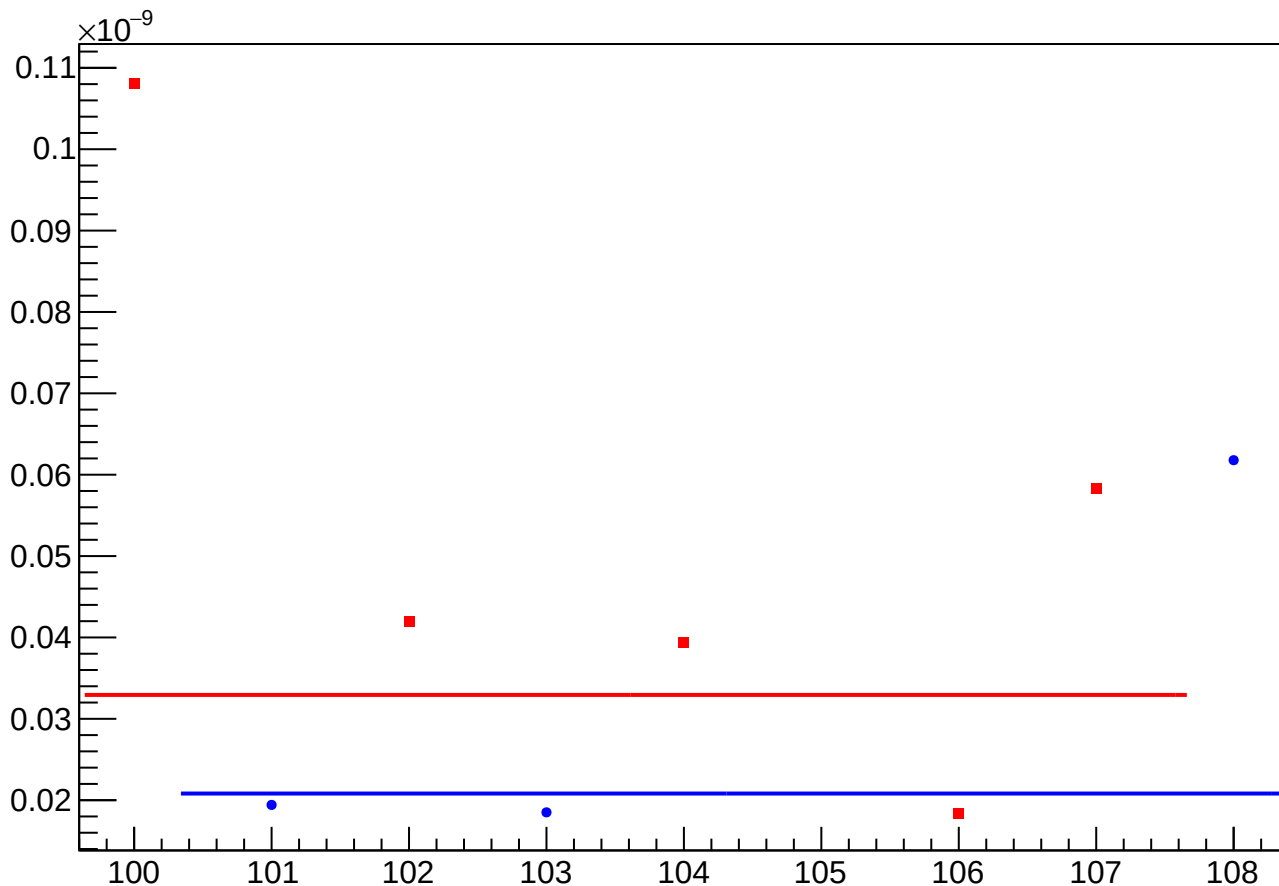
Right: -0.000+/-0.000 χ^2/NDF : 7.3/7

In: -0.000+/-0.000 χ^2/NDF : 4.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.3/7

asym_sam_48_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 270940.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 371963.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

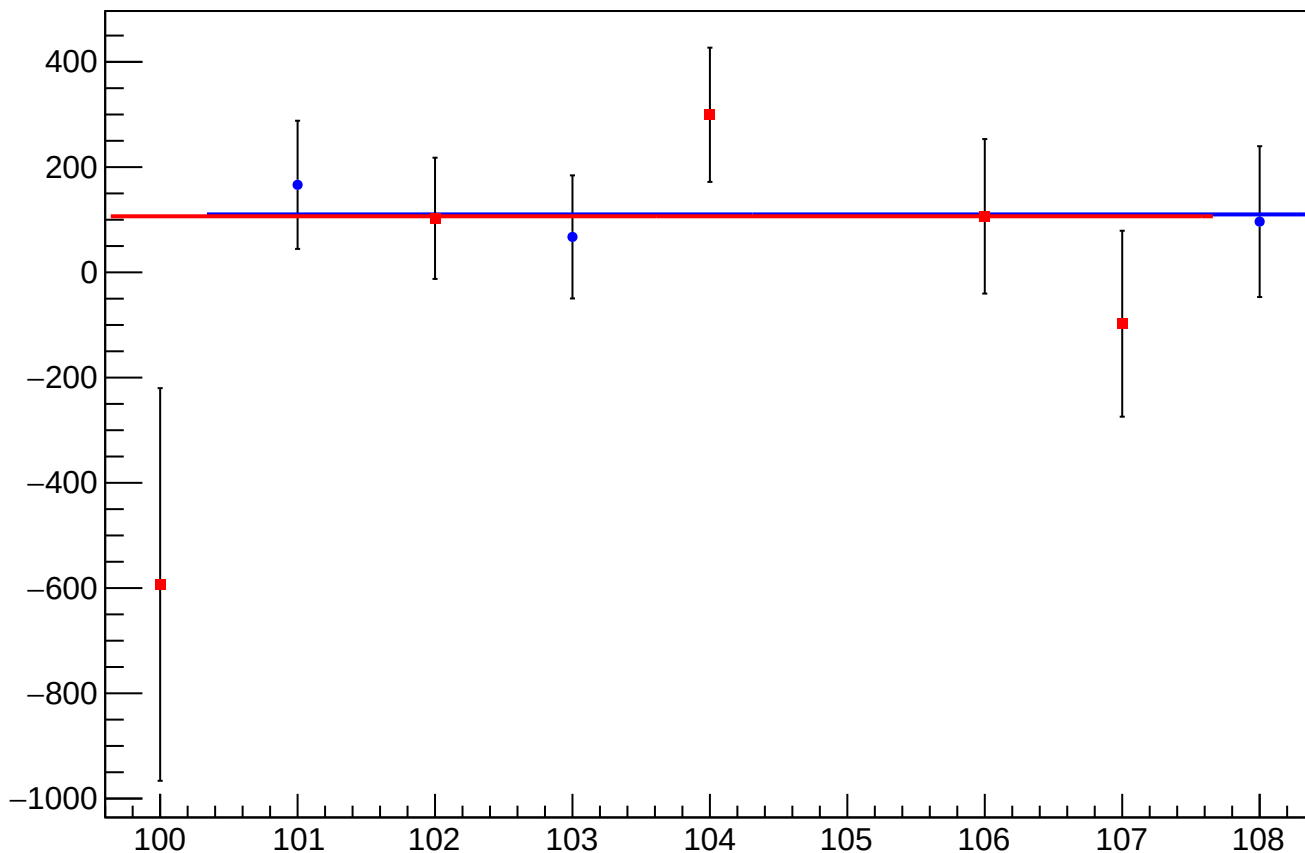
Right: 0.000+/-0.000 χ^2/NDF : 838374.8/7

In: 0.000+/-0.000 χ^2/NDF : 270940.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 838374.8/7

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 110.107 $\pm$ 72.703 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 106.558 $\pm$ 67.049 χ^2 /NDF: 7.1/4

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

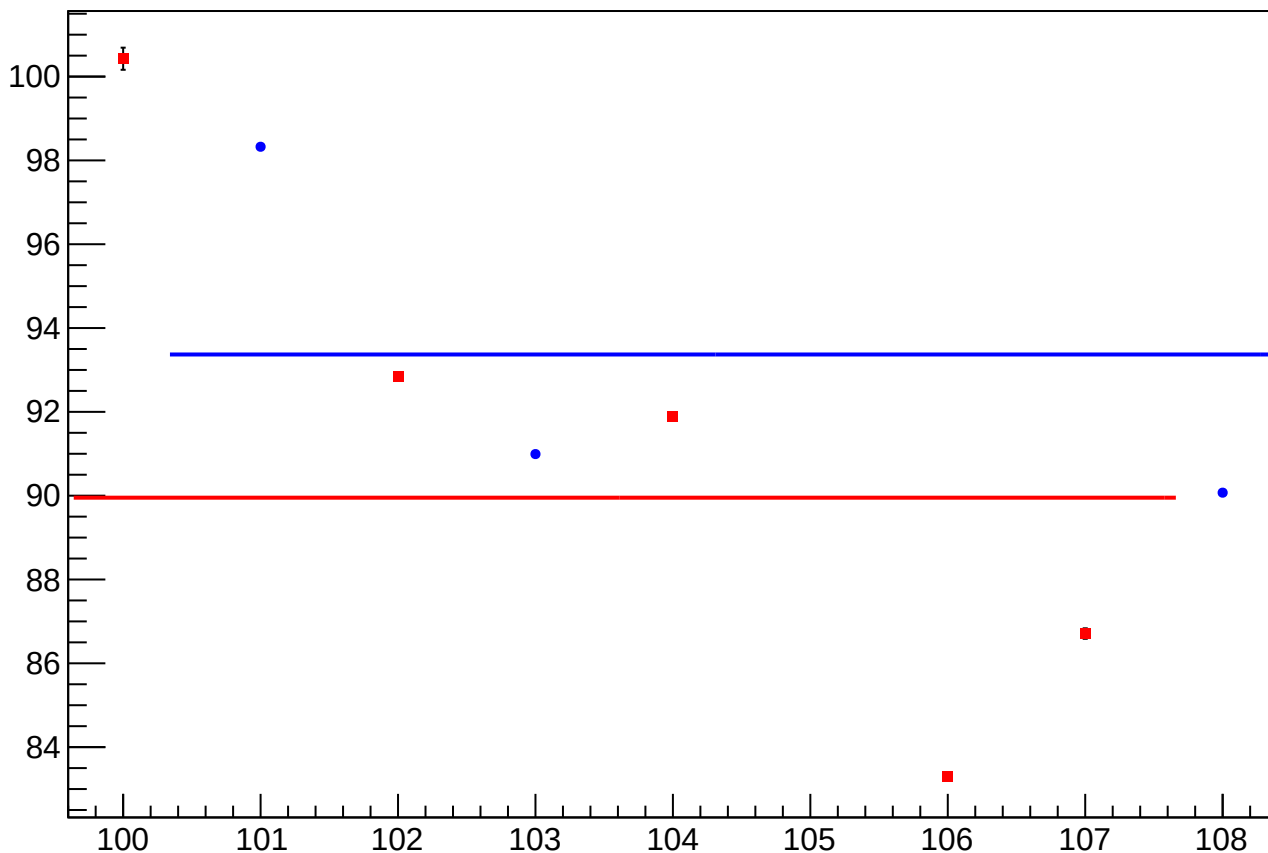
Right: 108.189 $\pm$ 49.289 χ^2 /NDF: 7.5/7

In: 110.107 $\pm$ 72.703 χ^2 /NDF: 0.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 108.189 $\pm$ 49.289 χ^2 /NDF: 7.5/7

reg_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 93.369+/-0.051 χ^2/NDF : 5196.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.952+/-0.047 χ^2/NDF : 8079.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

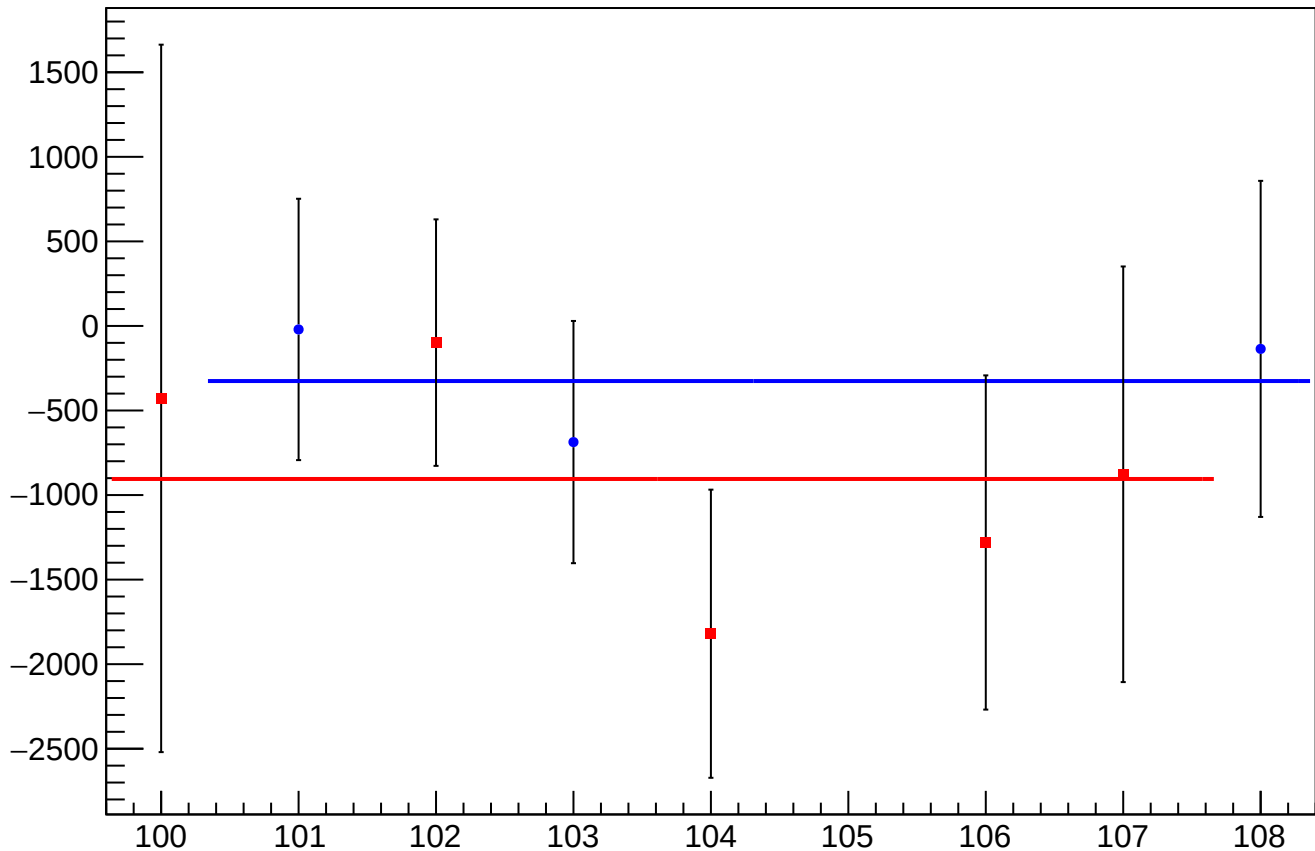
Right: 91.523+/-0.035 χ^2/NDF : 15663.2/7

In: 93.369+/-0.051 χ^2/NDF : 5196.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.523+/-0.035 χ^2/NDF : 15663.2/7

asym_sam_15_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -325.805+/-464.384 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -904.941+/-439.574 χ^2/NDF : 2.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

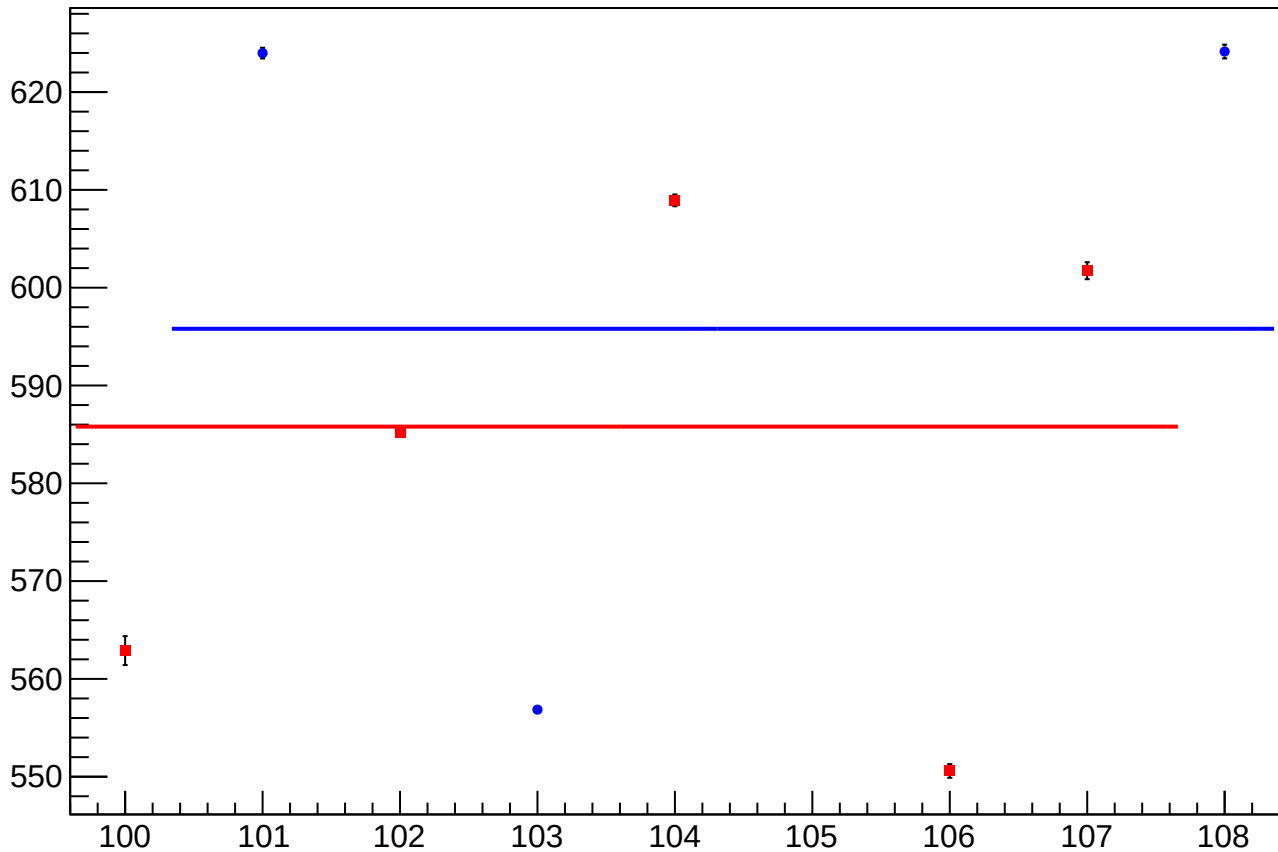
Right: -631.256+/-319.237 χ^2/NDF : 3.8/7

In: -325.805+/-464.384 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -631.256+/-319.237 χ^2/NDF : 3.8/7

asym_sam_15_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 595.798 $\pm$ 0.328 χ^2 /NDF: 10200.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 585.795 $\pm$ 0.311 χ^2 /NDF: 4591.4/4

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

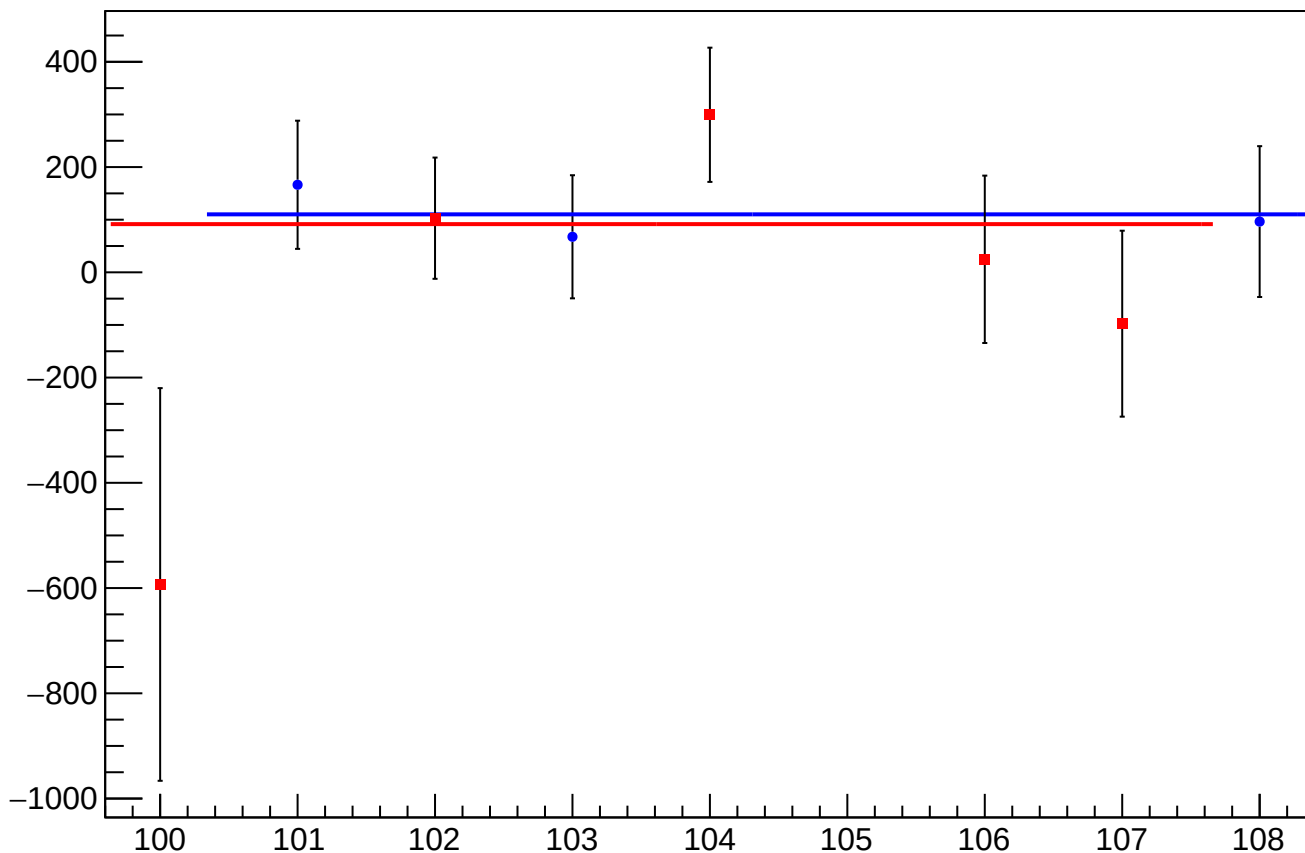
Right: 590.522 $\pm$ 0.226 χ^2 /NDF: 15281.7/7

In: 595.798 $\pm$ 0.328 χ^2 /NDF: 10200.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 590.522 $\pm$ 0.226 χ^2 /NDF: 15281.7/7

cor_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 110.173+/-72.703 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.588+/-68.107 χ^2/NDF : 7.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

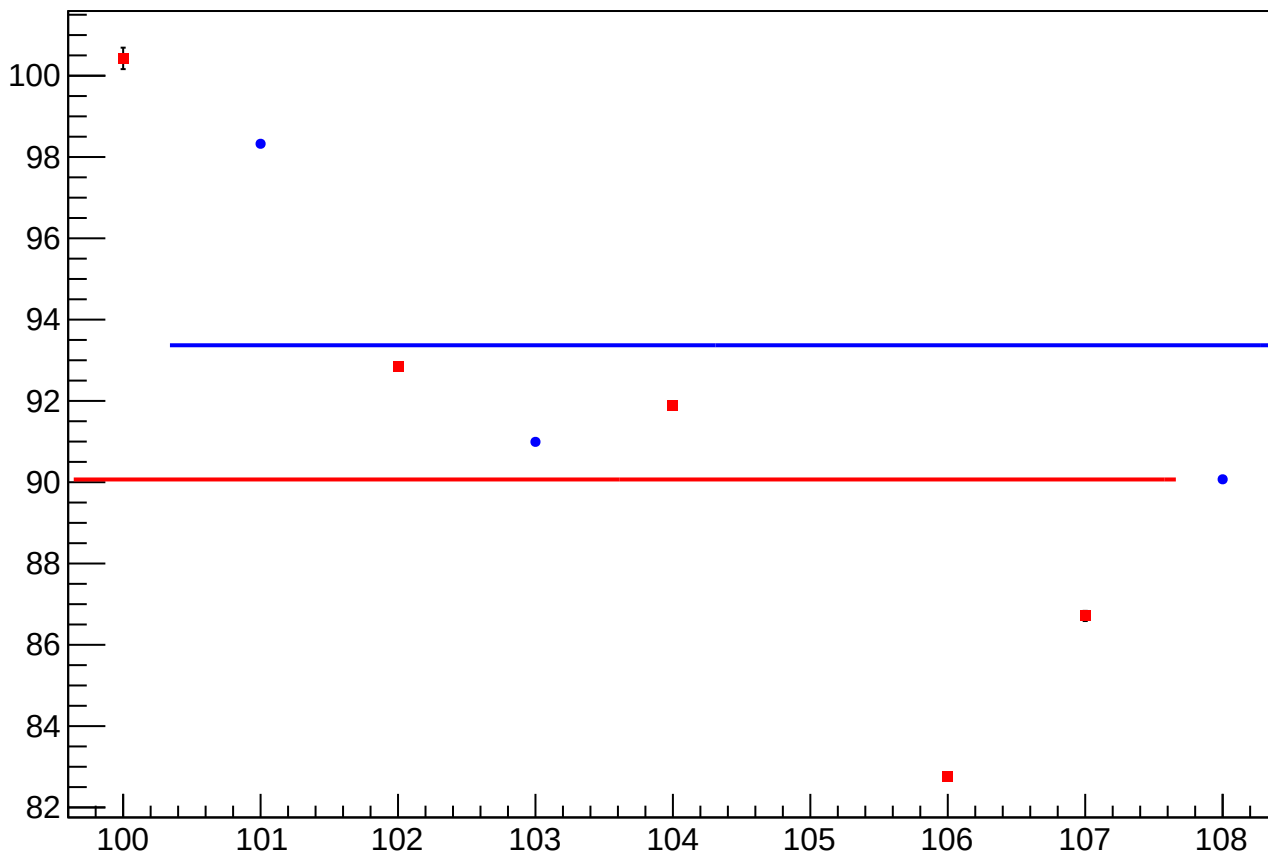
Right: 100.275+/-49.704 χ^2/NDF : 7.7/7

In: 110.173+/-72.703 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.275+/-49.704 χ^2/NDF : 7.7/7

cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 93.369+/-0.051 χ^2/NDF : 5196.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.067+/-0.048 χ^2/NDF : 8055.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

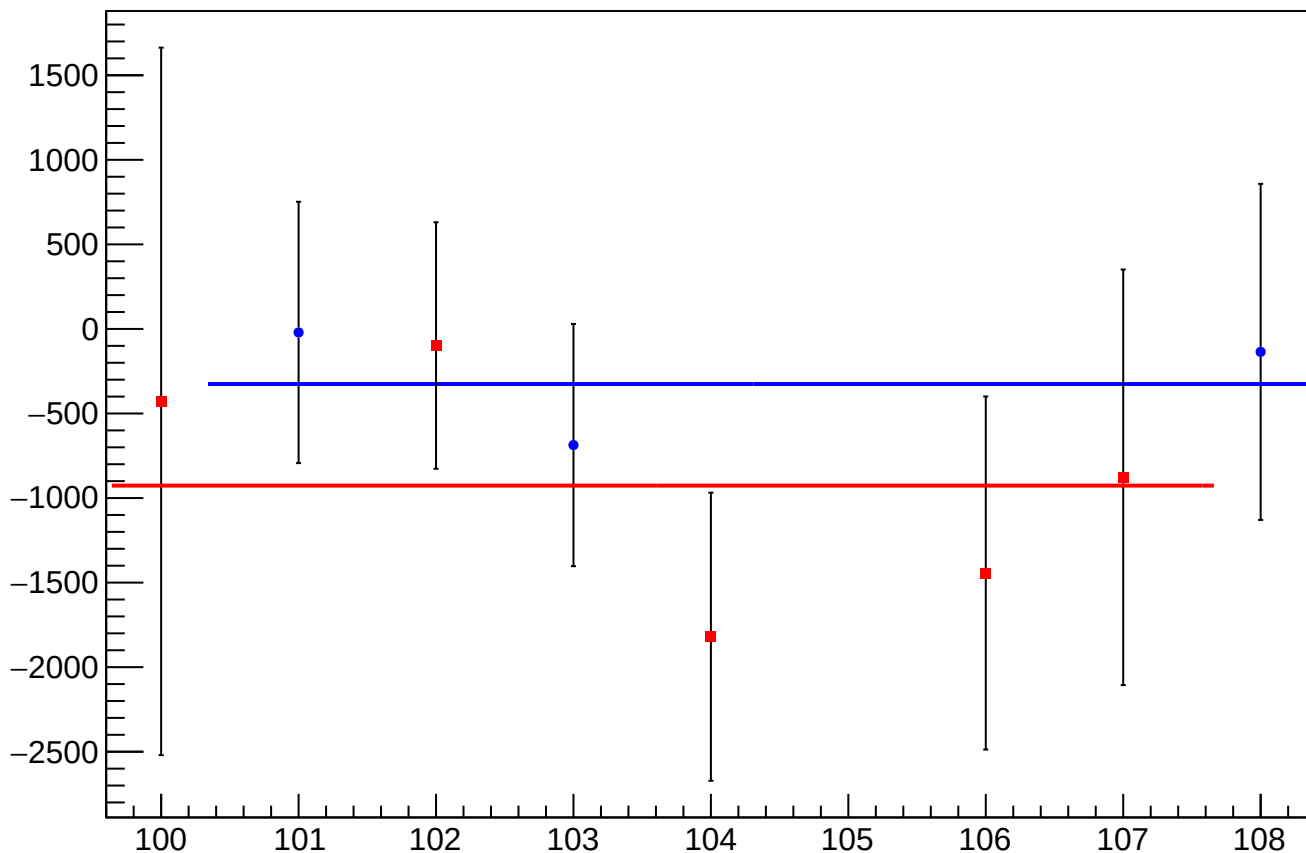
Right: 91.611+/-0.035 χ^2/NDF : 15449.3/7

In: 93.369+/-0.051 χ^2/NDF : 5196.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.611+/-0.035 χ^2/NDF : 15449.3/7

asym_sam_15_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -325.788+/-464.383 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -926.369+/-444.183 χ^2/NDF : 2.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

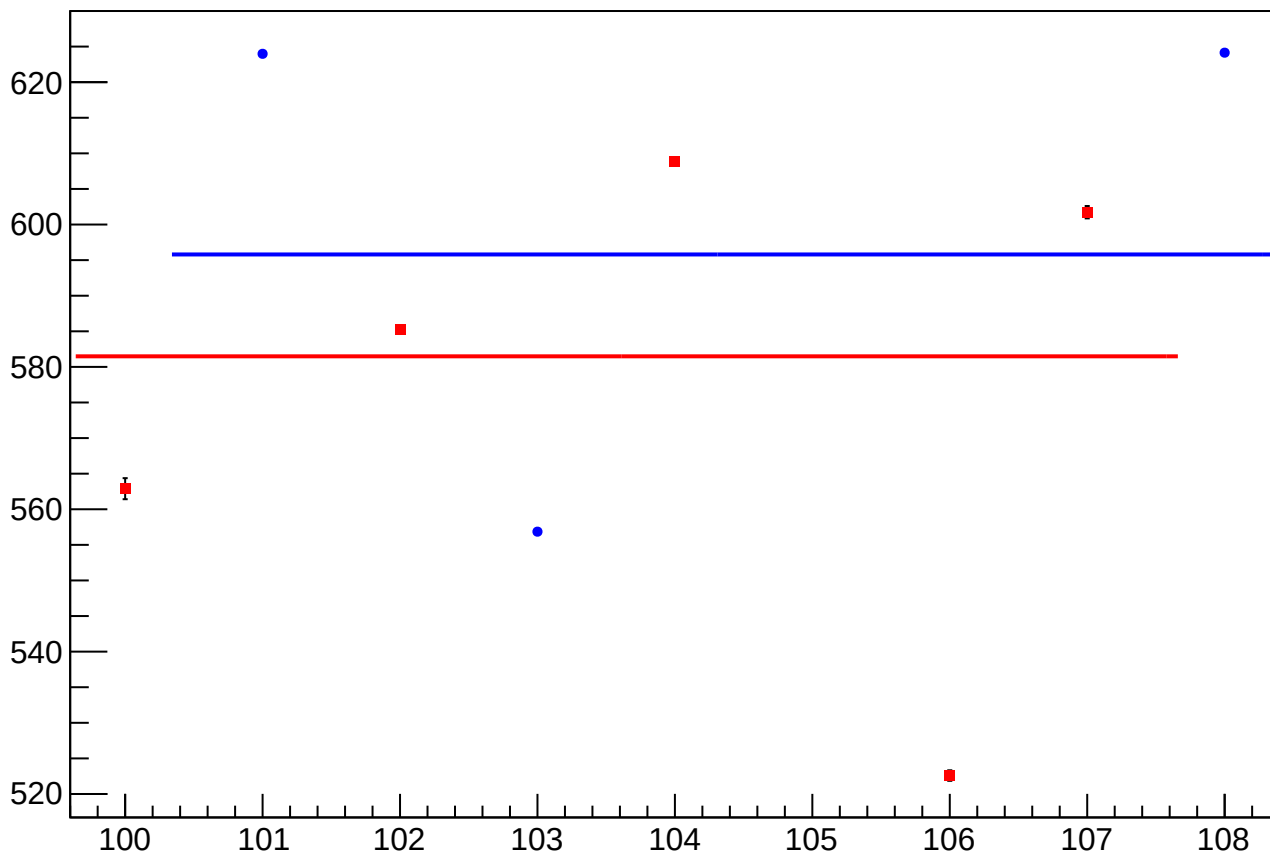
Right: -639.425+/-320.989 χ^2/NDF : 4.0/7

In: -325.788+/-464.383 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -639.425+/-320.989 χ^2/NDF : 4.0/7

asym_sam_15_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 595.796 $\pm$ 0.328 χ^2 /NDF: 10202.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 581.486 $\pm$ 0.314 χ^2 /NDF: 9193.7/4

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

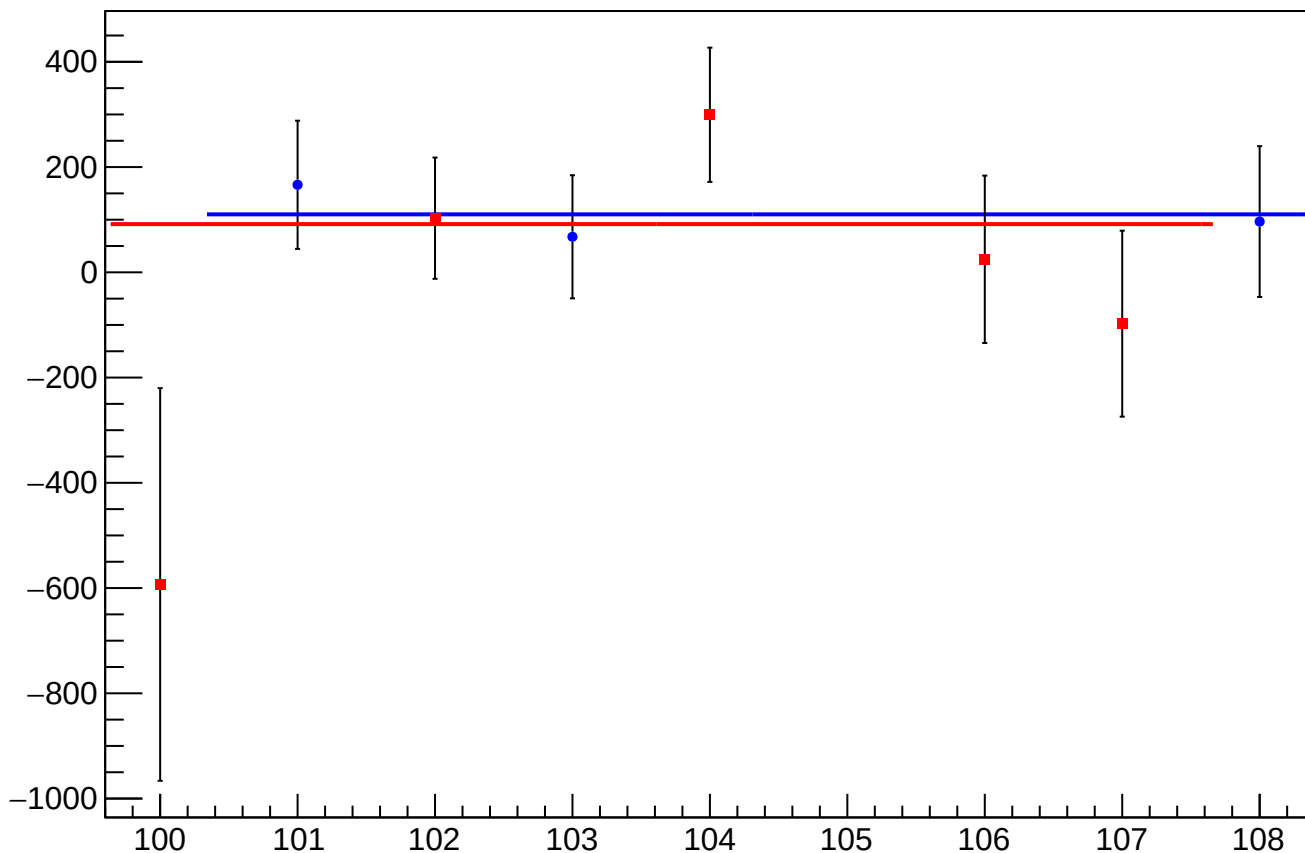
Right: 588.323 $\pm$ 0.227 χ^2 /NDF: 20387.8/7

In: 595.796 $\pm$ 0.328 χ^2 /NDF:10202.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 588.323 $\pm$ 0.227 χ^2 /NDF: 20387.8/7

eigen_cor_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 110.173+/-72.703 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.588+/-68.107 χ^2/NDF : 7.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

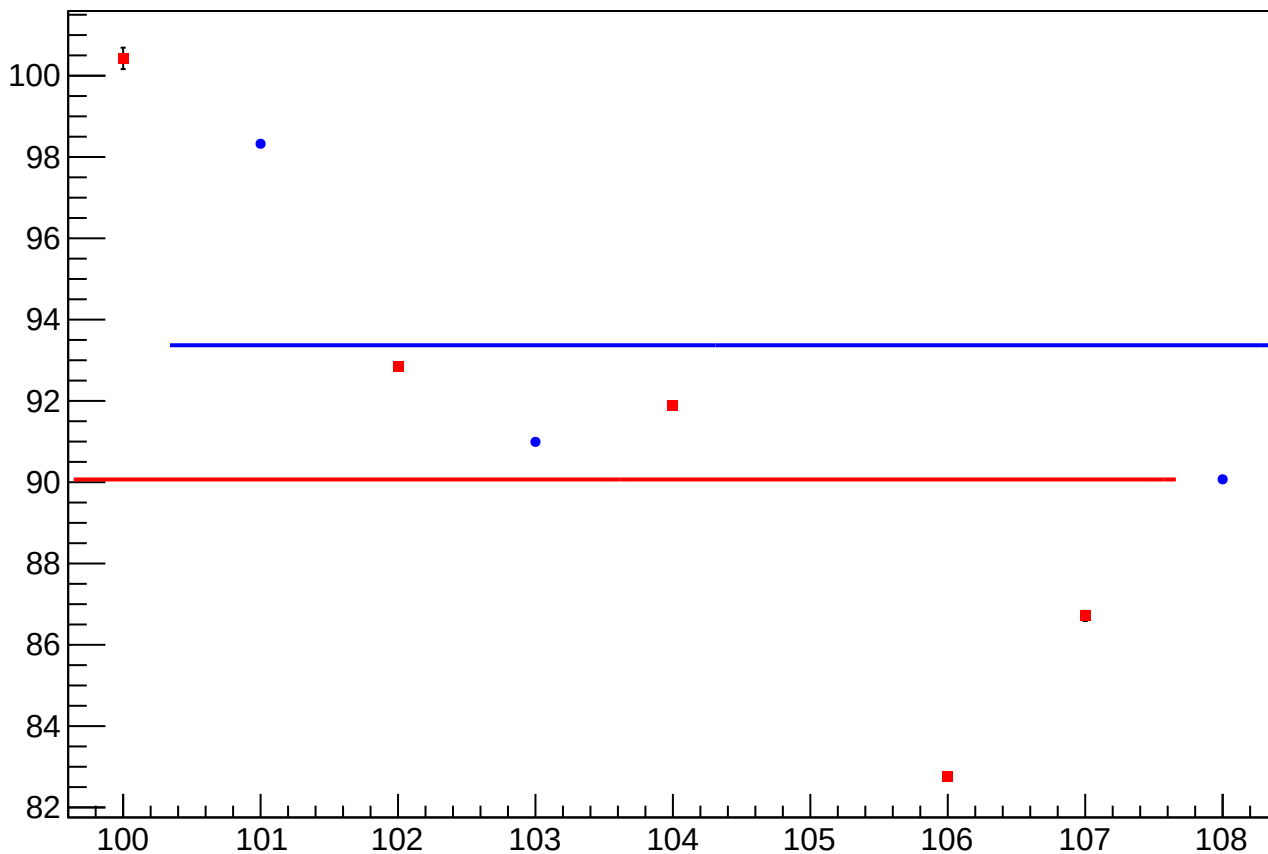
Right: 100.275+/-49.704 χ^2/NDF : 7.7/7

In: 110.173+/-72.703 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.275+/-49.704 χ^2/NDF : 7.7/7

eigen_cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 93.369+/-0.051 χ^2/NDF : 5196.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.067+/-0.048 χ^2/NDF : 8055.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

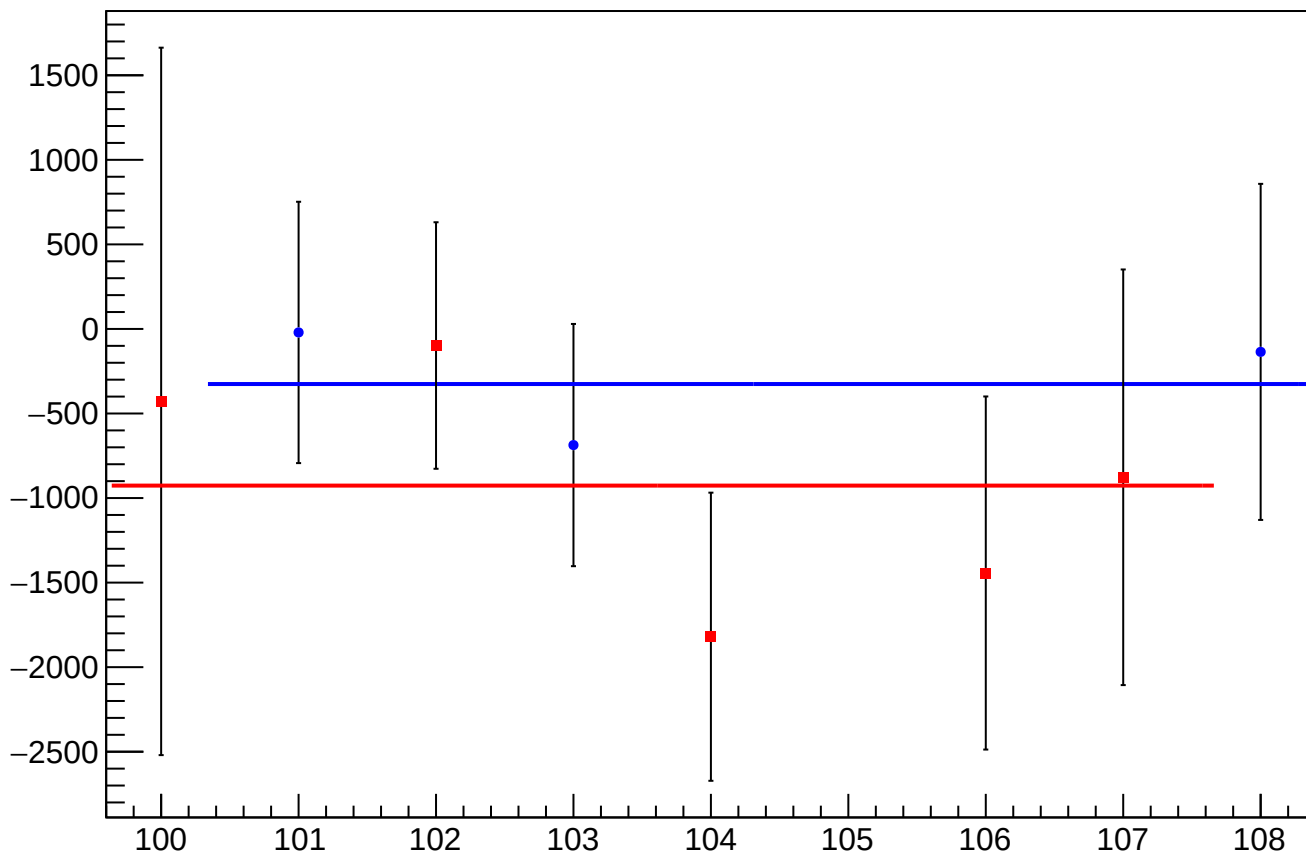
Right: 91.611+/-0.035 χ^2/NDF : 15449.3/7

In: 93.369+/-0.051 χ^2/NDF : 5196.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.611+/-0.035 χ^2/NDF : 15449.3/7

asym_sam_15_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -325.788+/-464.383 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -926.369+/-444.183 χ^2/NDF : 2.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

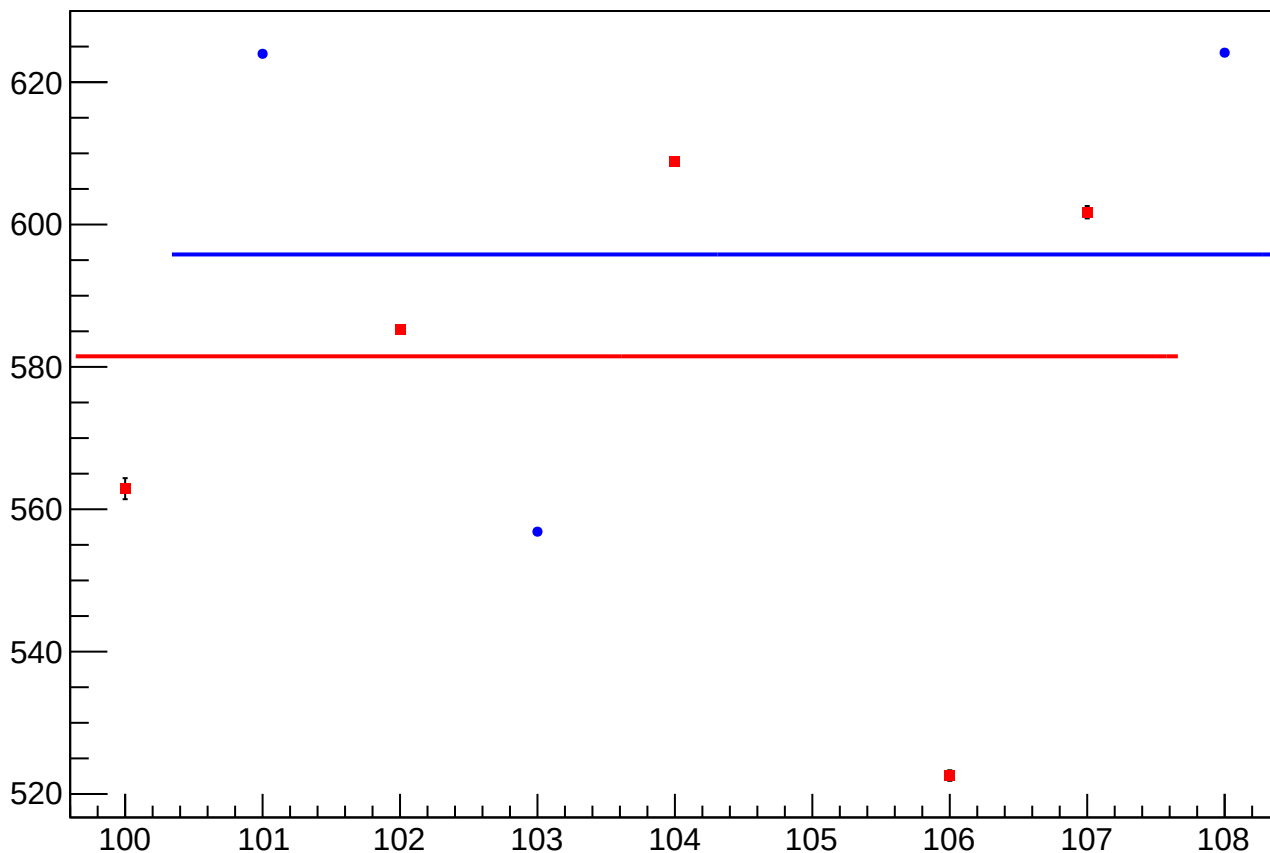
Right: -639.425+/-320.989 χ^2/NDF : 4.0/7

In: -325.788+/-464.383 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -639.425+/-320.989 χ^2/NDF : 4.0/7

asym_sam_15_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 595.796 $\pm$ 0.328 χ^2 /NDF: 10202.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 581.486 $\pm$ 0.314 χ^2 /NDF: 9193.7/4

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

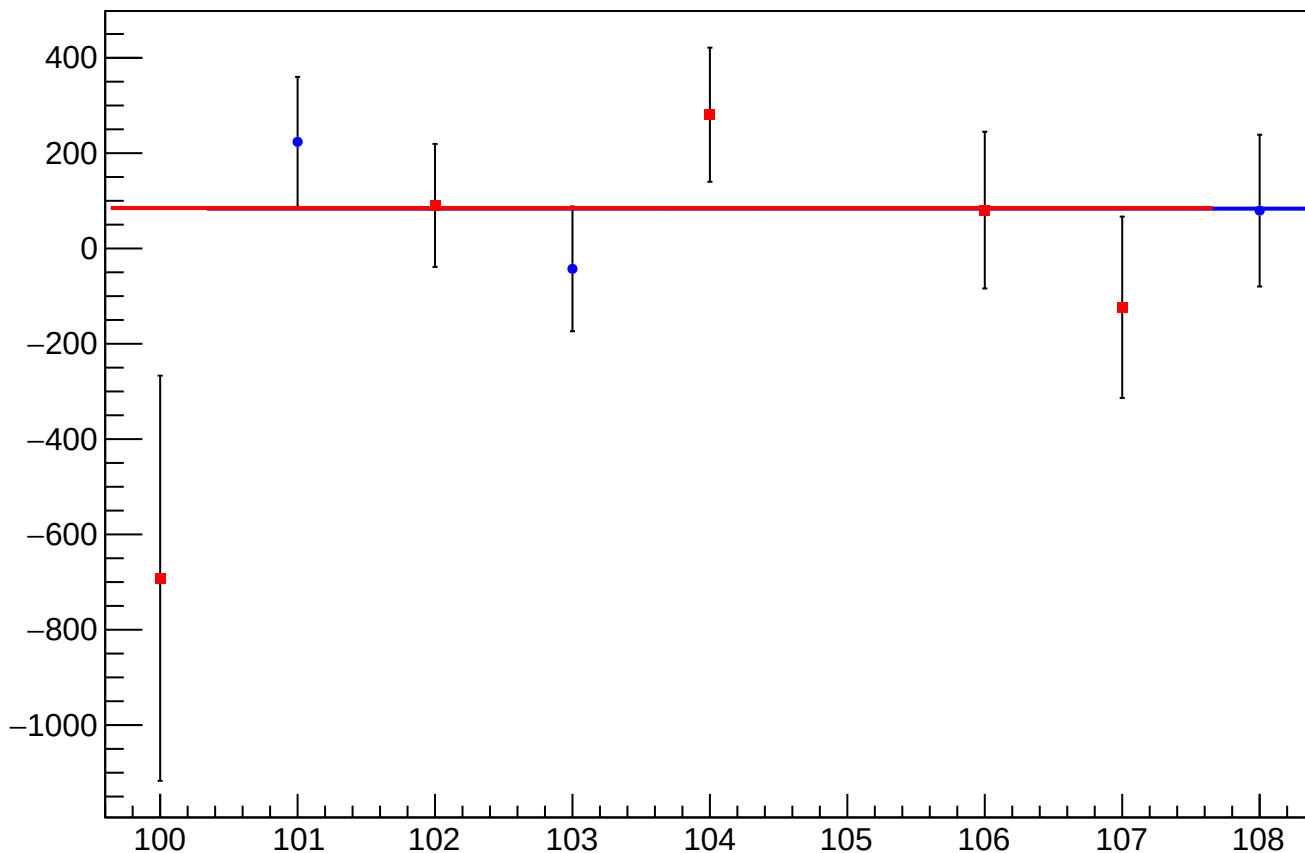
Right: 588.323 $\pm$ 0.227 χ^2 /NDF: 20387.8/7

In: 595.796 $\pm$ 0.328 χ^2 /NDF:10202.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 588.323 $\pm$ 0.227 χ^2 /NDF: 20387.8/7

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 83.596 ± 81.210 χ^2/NDF : 2.0/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 84.869 ± 74.387 χ^2/NDF : 6.5/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

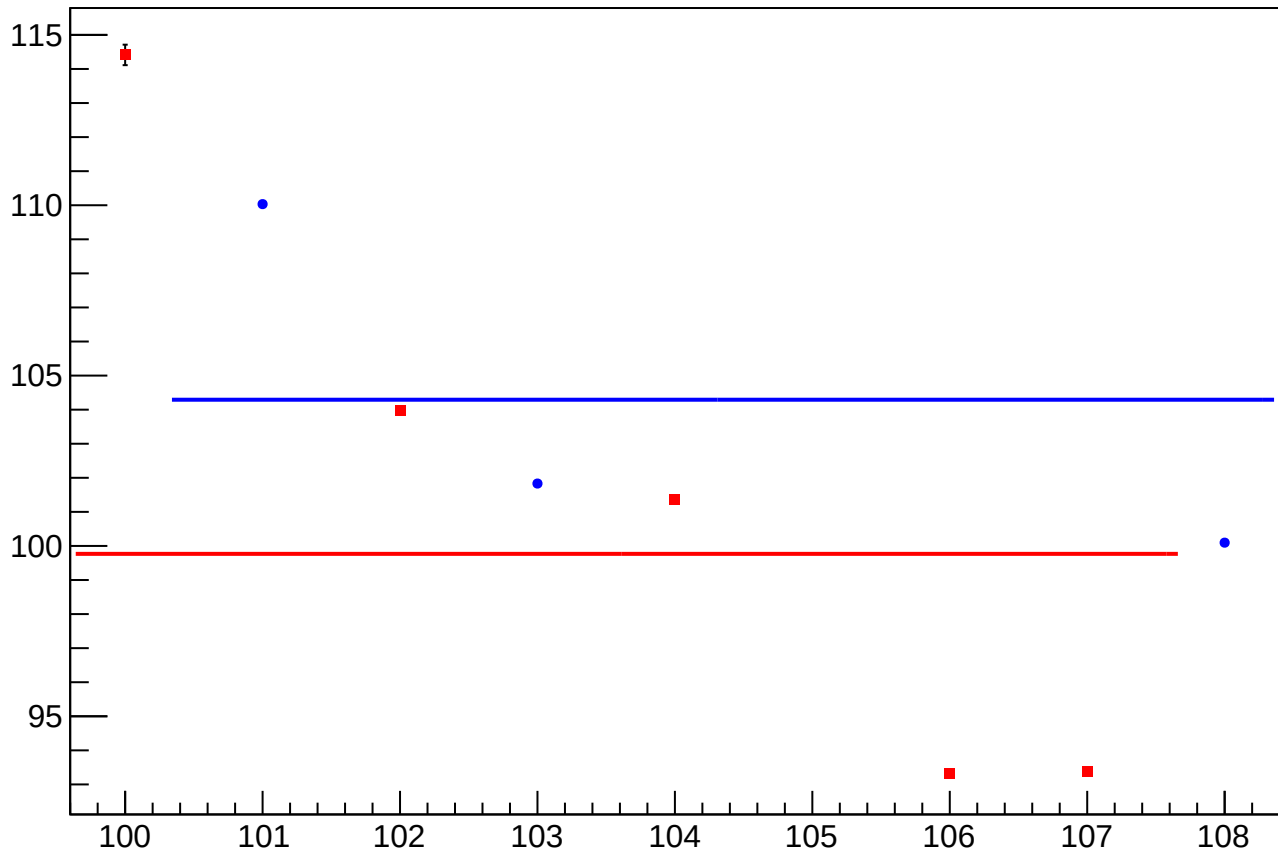
Right: 84.288 ± 54.854 χ^2/NDF : 8.5/7

In: 83.596 ± 81.210 χ^2/NDF : 2.0/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 84.288 ± 54.854 χ^2/NDF : 8.5/7

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 104.292 $\pm$ 0.057 χ^2 /NDF: 5643.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 99.768 $\pm$ 0.053 χ^2 /NDF: 10100.9/4

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

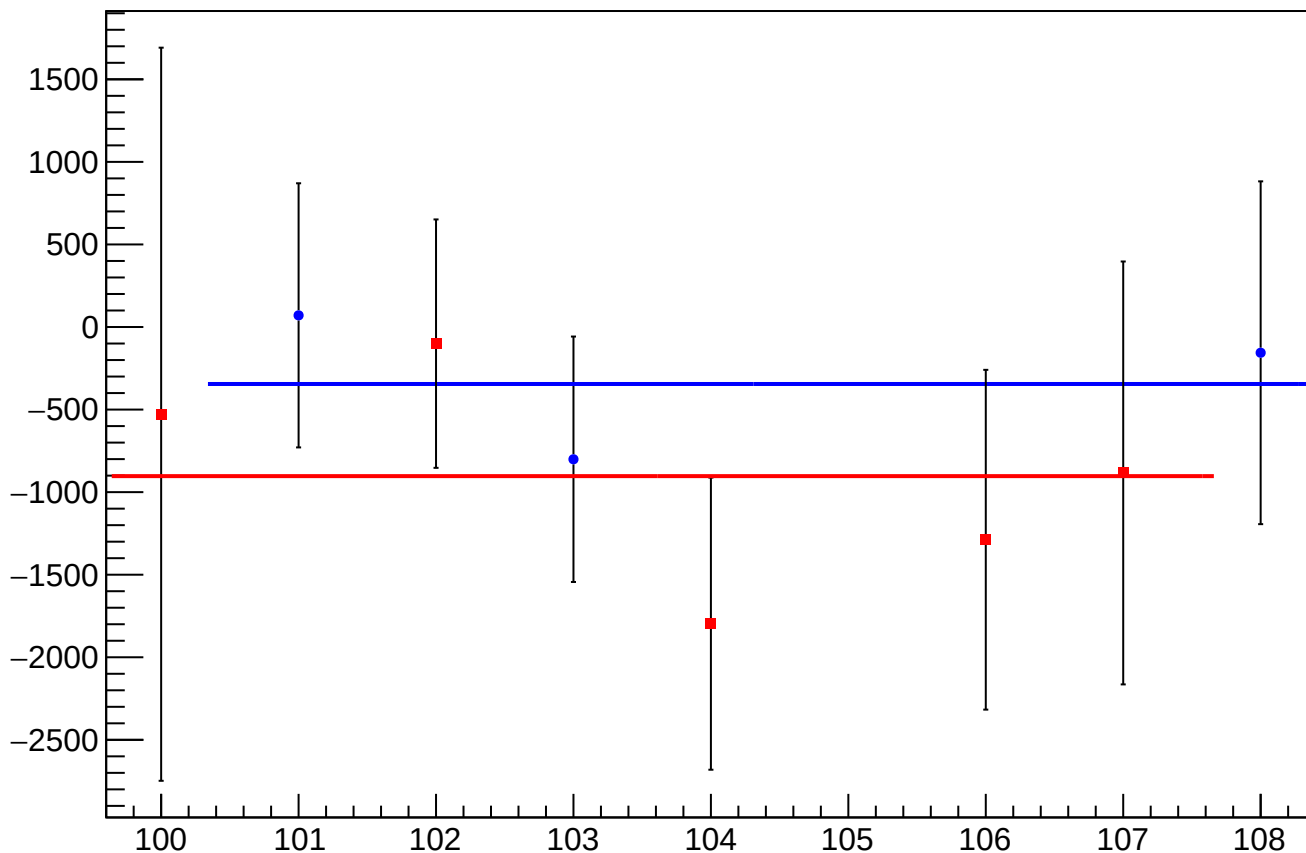
Right: 101.832 $\pm$ 0.039 χ^2 /NDF: 19119.3/7

In: 104.292 $\pm$ 0.057 χ^2 /NDF:5643.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 101.832 $\pm$ 0.039 χ^2 /NDF: 19119.3/7

asym_sam_15_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -345.041+/-482.129 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -903.017+/-456.290 χ^2/NDF : 2.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

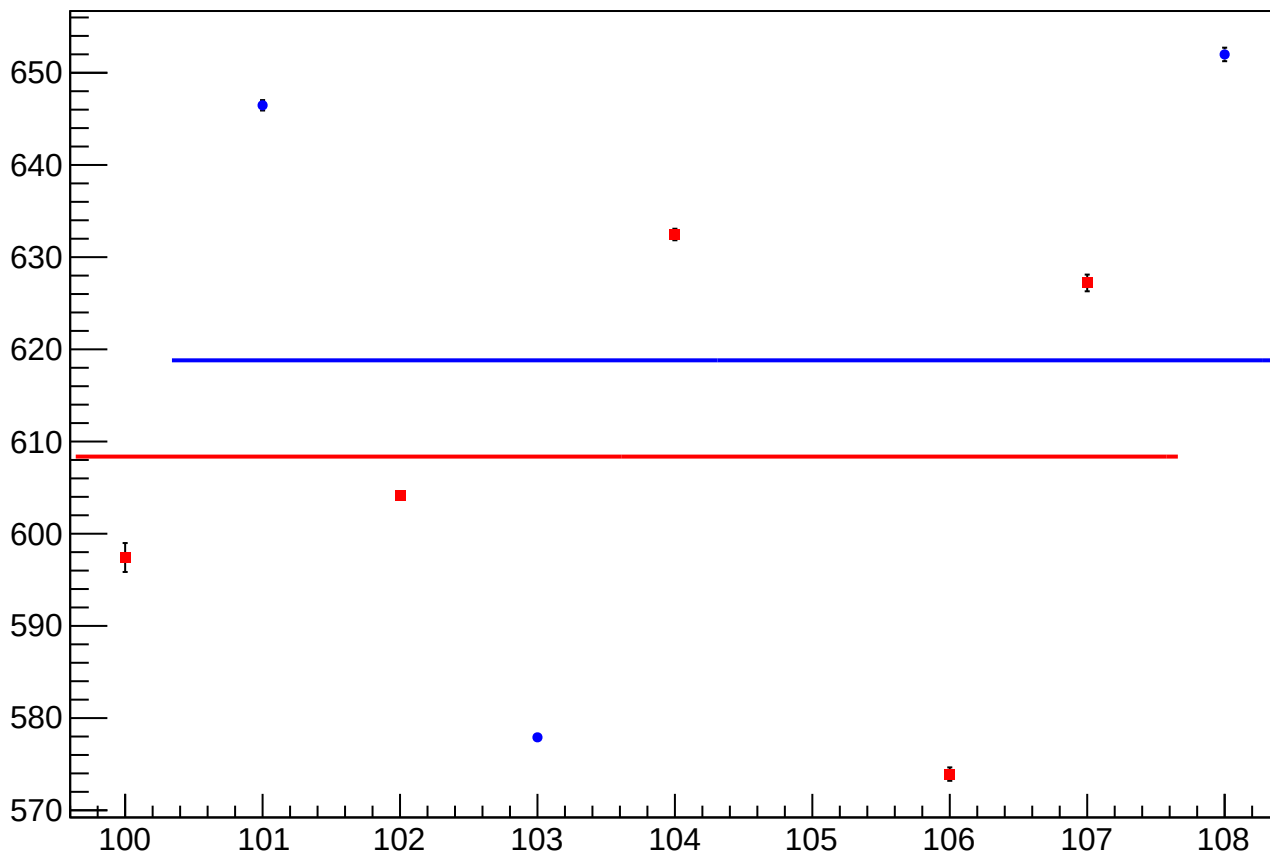
Right: -639.381+/-331.404 χ^2/NDF : 3.7/7

In: -345.041+/-482.129 χ^2/NDF : 0.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -639.381+/-331.404 χ^2/NDF : 3.7/7

asym_sam_15_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 618.808 $\pm$ 0.341 χ^2 /NDF: 10493.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 608.366 $\pm$ 0.323 χ^2 /NDF: 4270.2/4

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

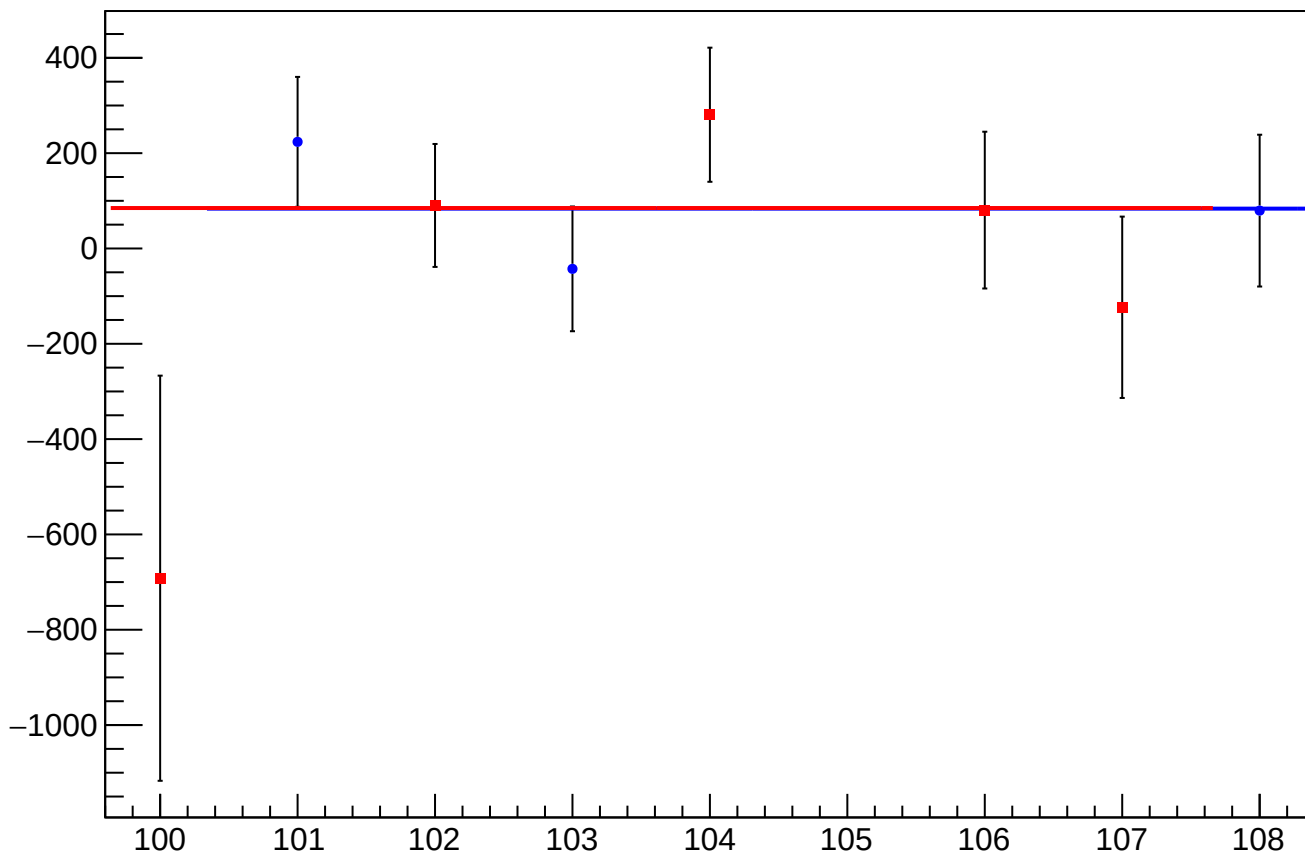
Right: 613.300 $\pm$ 0.234 χ^2 /NDF: 15258.3/7

In: 618.808 $\pm$ 0.341 χ^2 /NDF:10493.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 613.300 $\pm$ 0.234 χ^2 /NDF: 15258.3/7

eigen_dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 83.597 $\pm$ 81.210 χ^2 /NDF: 2.0/2

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 84.868 $\pm$ -74.387 χ^2 /NDF: 6.5/4

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

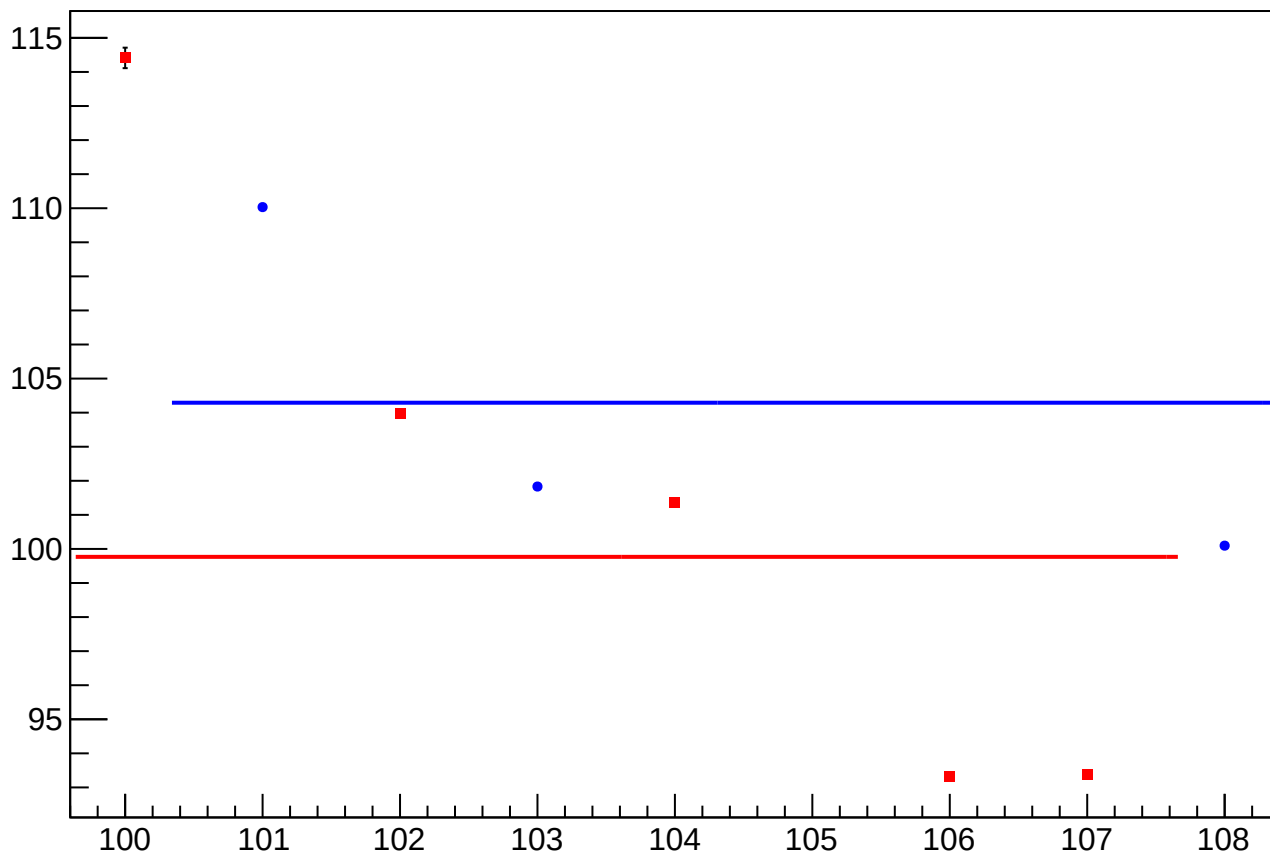
Right: 84.288 $\pm$ -54.853 χ^2 /NDF: 8.5/7

In: 83.597 $\pm$ -81.210 χ^2 /NDF:2.0/2

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 84.288 $\pm$ -54.853 χ^2 /NDF: 8.5/7

eigen_dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 104.292 $\pm$ 0.057 χ^2 /NDF: 5643.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 99.767 $\pm$ 0.053 χ^2 /NDF: 10100.7/4

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

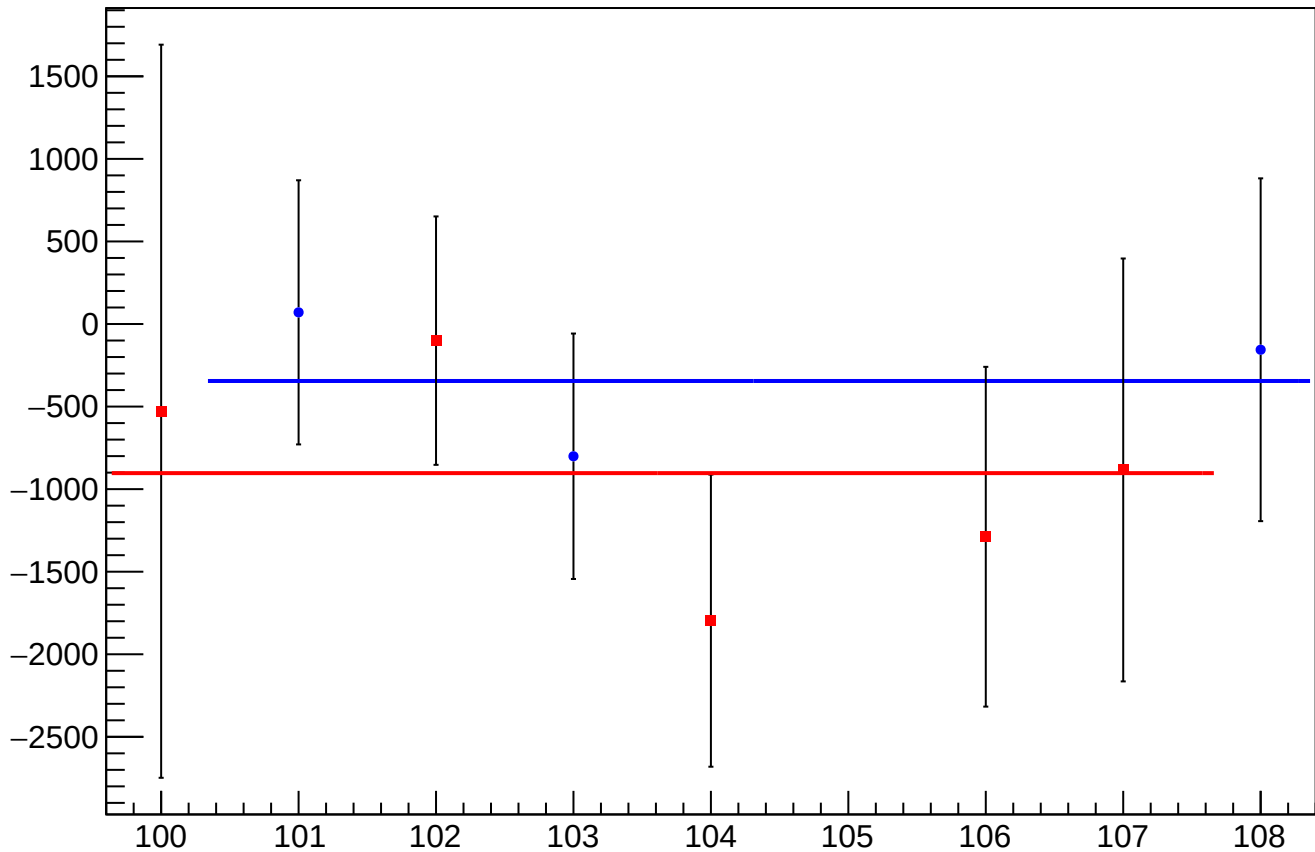
Right: 101.832 $\pm$ 0.039 χ^2 /NDF: 19118.8/7

In: 104.292 $\pm$ 0.057 χ^2 /NDF:5643.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 101.832 $\pm$ 0.039 χ^2 /NDF: 19118.8/7

asym_sam_15_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -345.040 $\pm$ 482.129 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -903.017 $\pm$ 456.289 χ^2 /NDF: 2.3/4

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

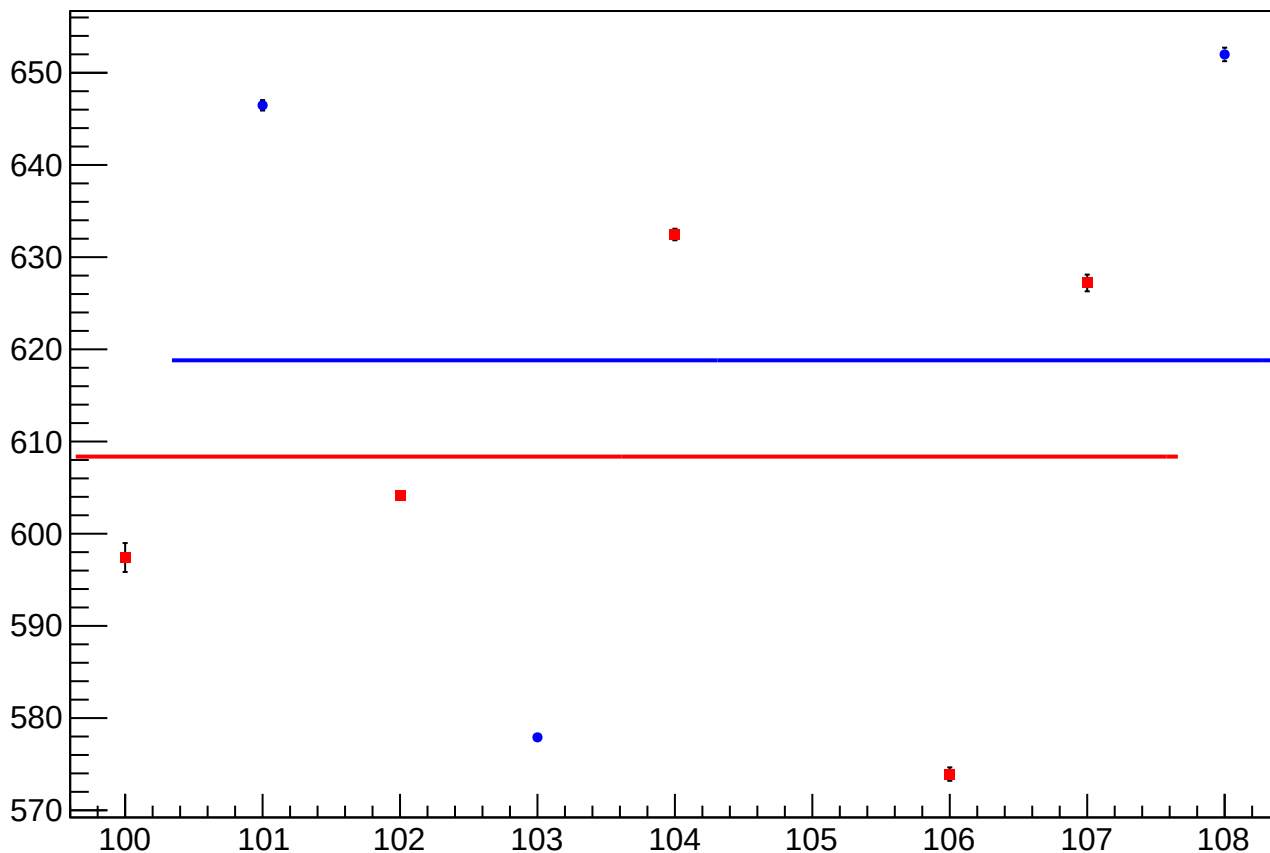
Right: -639.381 $\pm$ 331.404 χ^2 /NDF: 3.7/7

In: -345.040 $\pm$ 482.129 χ^2 /NDF: 0.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -639.381 $\pm$ 331.404 χ^2 /NDF: 3.7/7

asym_sam_15_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 618.808 $\pm$ 0.341 χ^2 /NDF: 10493.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 608.366 $\pm$ 0.323 χ^2 /NDF: 4270.2/4

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

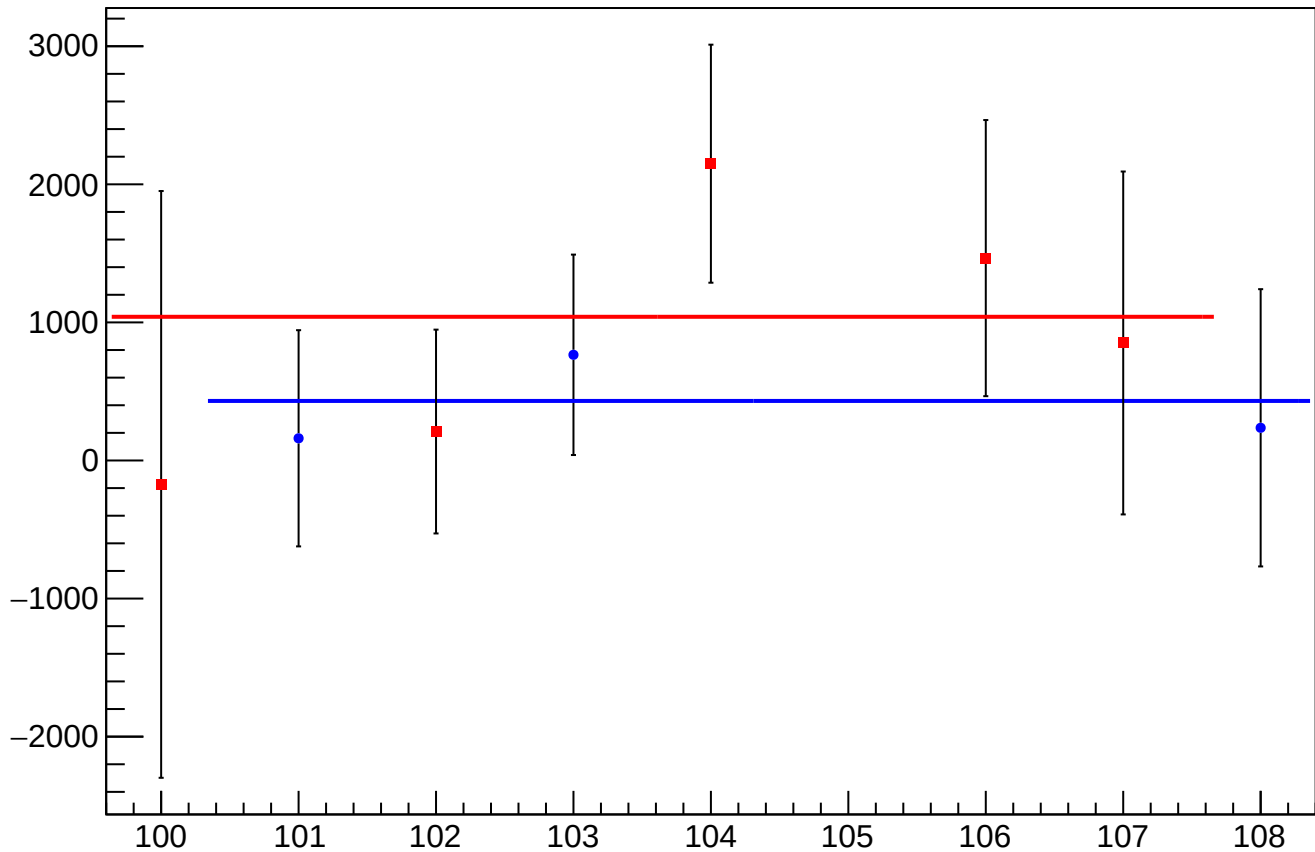
Right: 613.299 $\pm$ 0.234 χ^2 /NDF: 15258.2/7

In: 618.808 $\pm$ 0.341 χ^2 /NDF:10493.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 613.299 $\pm$ 0.234 χ^2 /NDF: 15258.2/7

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 431.218+/-470.252 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1040.641+/-444.896 χ^2/NDF : 3.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

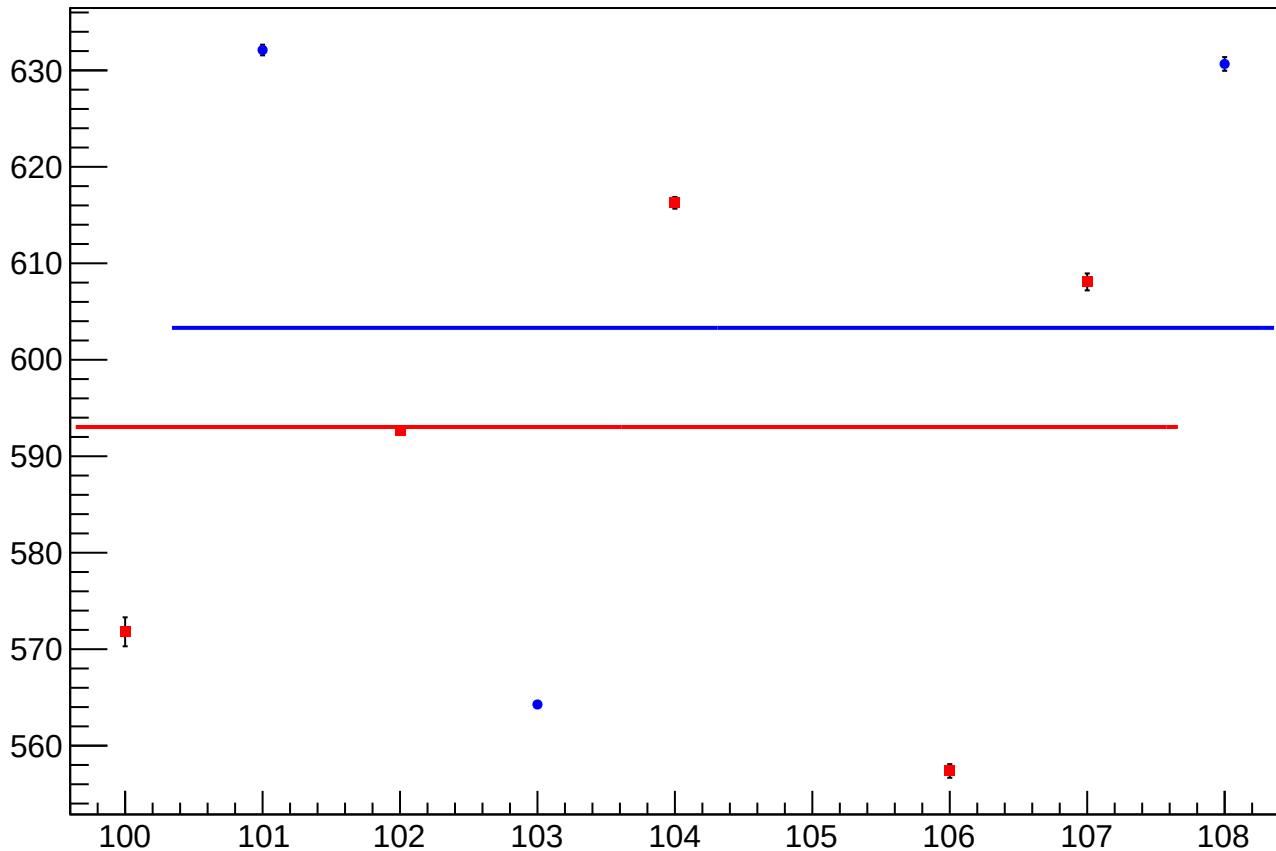
Right: 752.802+/-323.181 χ^2/NDF : 4.7/7

In: 431.218+/-470.252 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 752.802+/-323.181 χ^2/NDF : 4.7/7

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 603.309+/-0.333 χ^2/NDF : 9978.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 593.035+/-0.315 χ^2/NDF : 4490.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

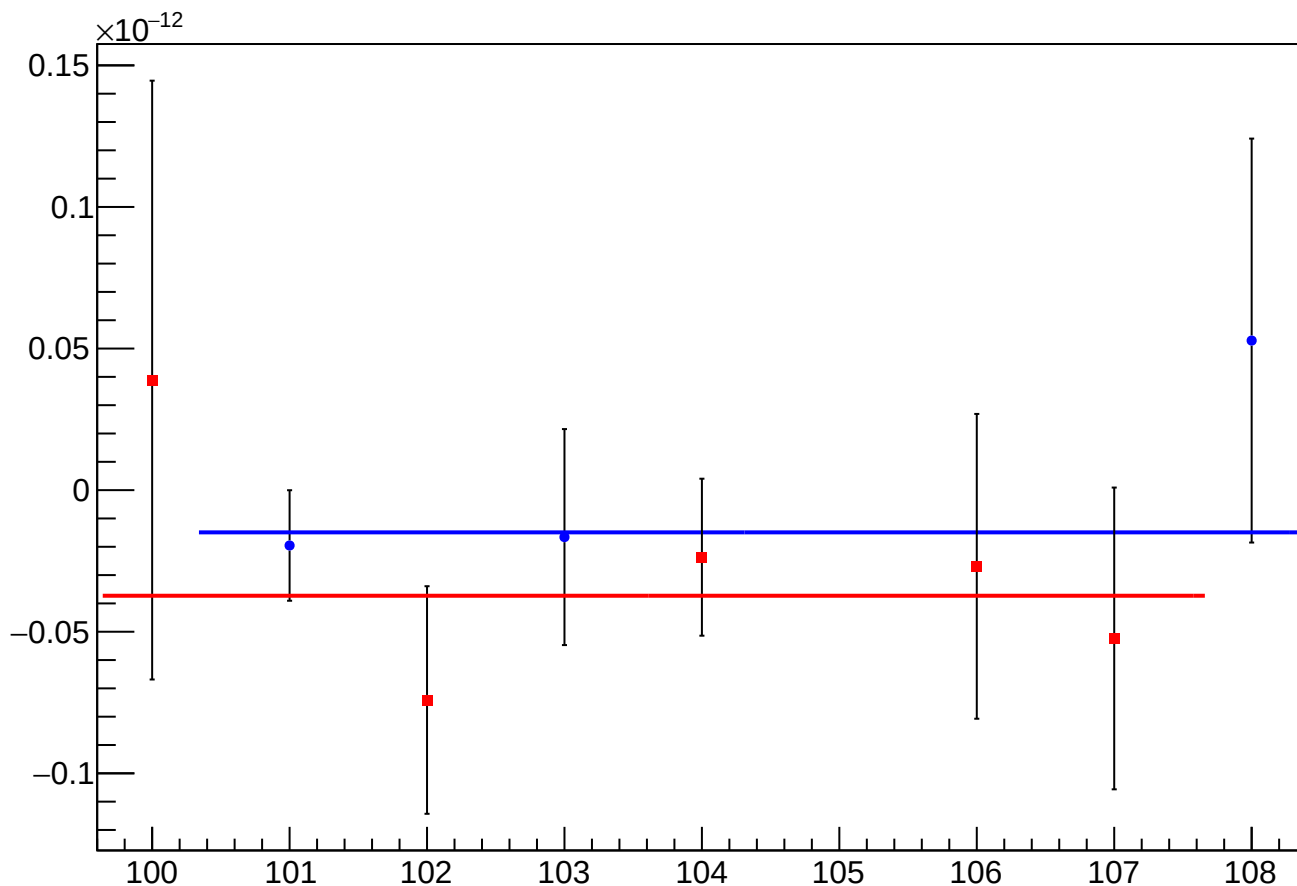
Right: 597.887+/-0.229 χ^2/NDF : 14972.8/7

In: 603.309+/-0.333 χ^2/NDF : 9978.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 597.887+/-0.229 χ^2/NDF : 14972.8/7

asym_sam_15_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

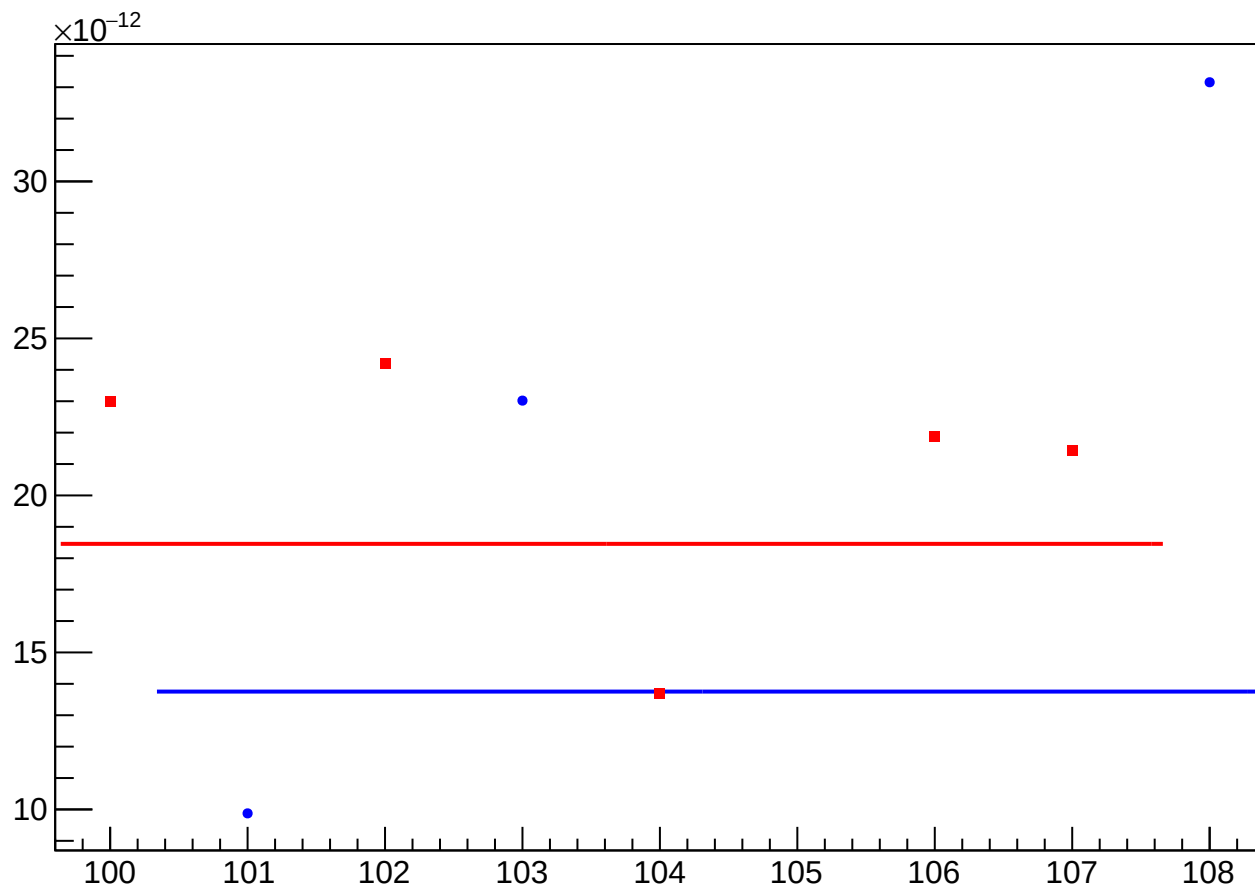
Right: -0.000+/-0.000 χ^2/NDF : 3.4/7

In: -0.000+/-0.000 χ^2/NDF : 1.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.4/7

asym_sam_15_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 345129.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 117636.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

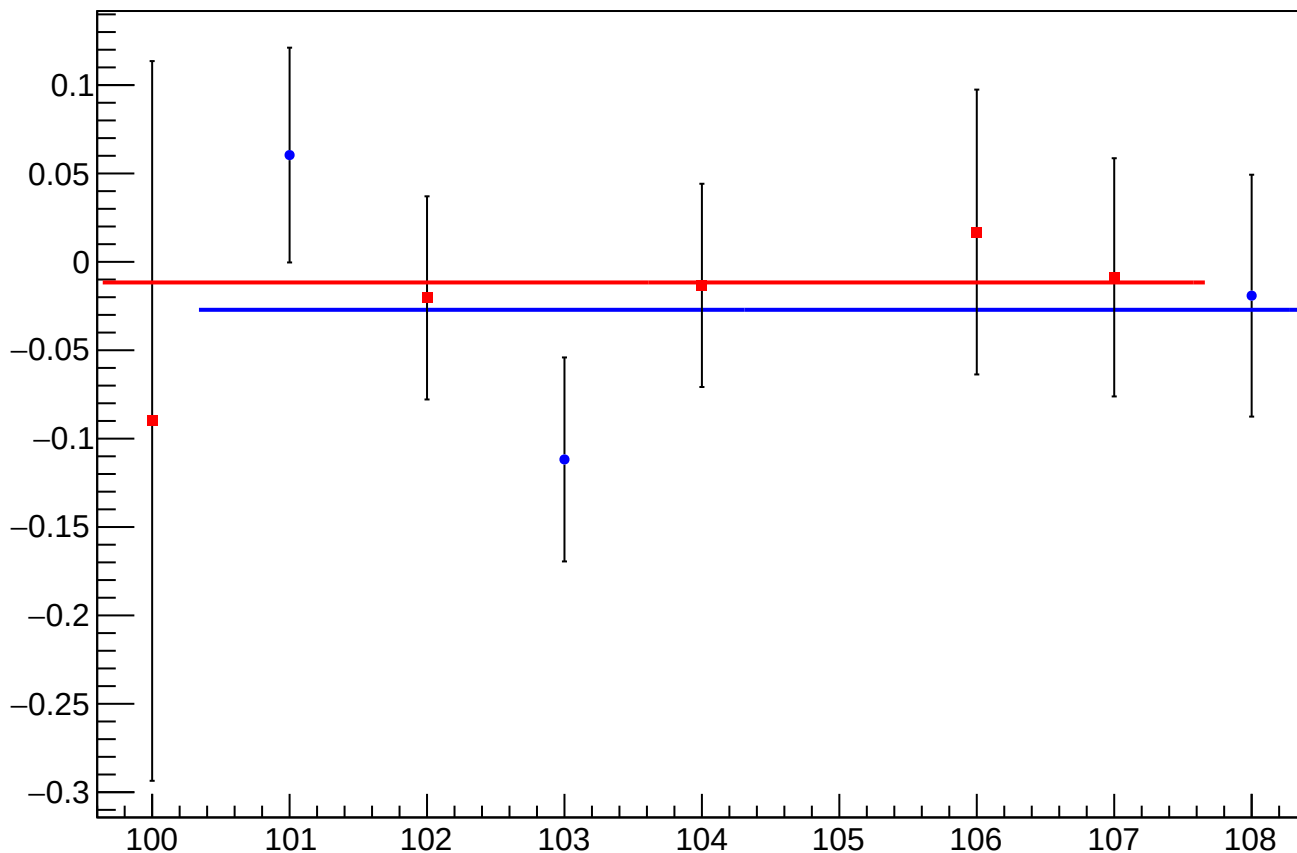
Right: 0.000+/-0.000 χ^2/NDF : 530427.4/7

In: 0.000+/-0.000 χ^2/NDF : 345129.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 530427.4/7

asym_sam_15_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.027 $\pm$ 0.036 χ^2 /NDF: 4.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.012 $\pm$ 0.032 χ^2 /NDF: 0.3/4

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

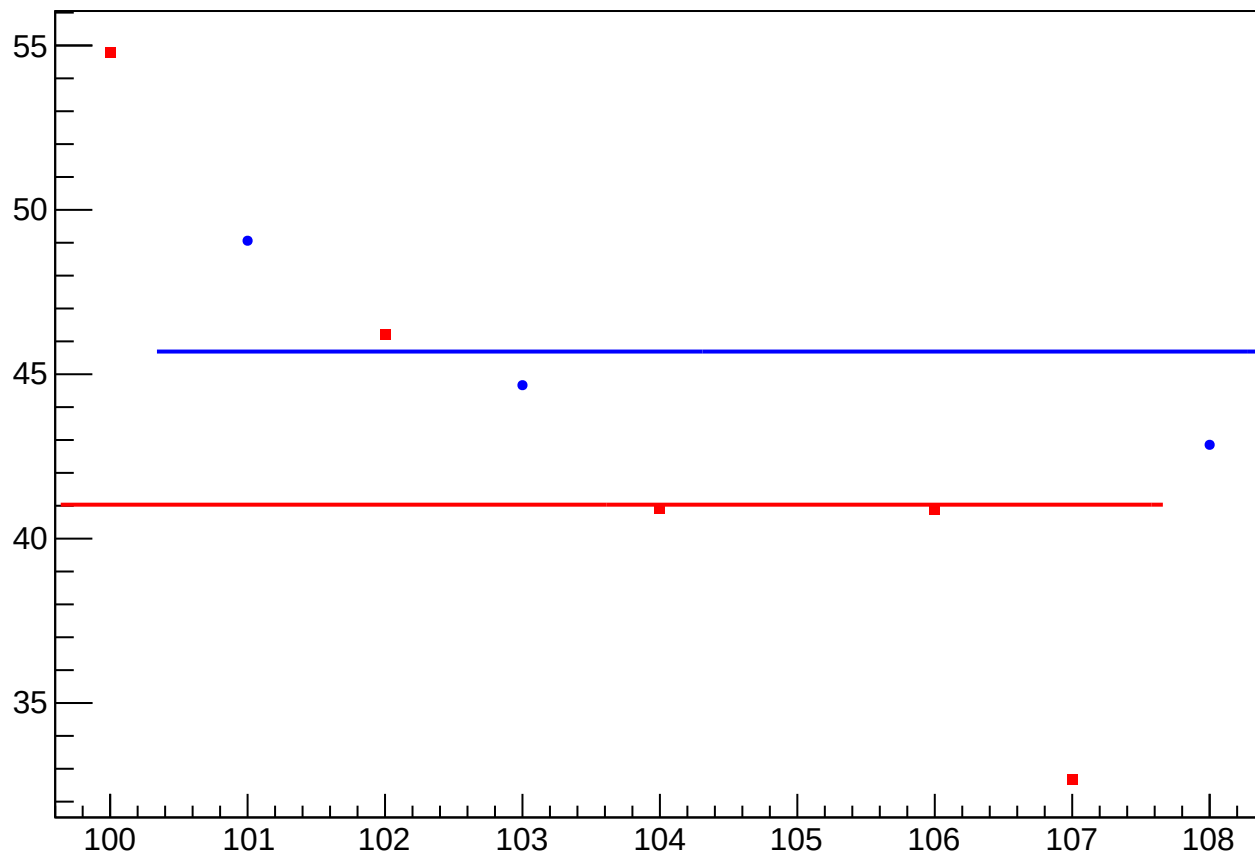
Right: -0.018 $\pm$ 0.024 χ^2 /NDF: 4.6/7

In: -0.027 $\pm$ 0.036 χ^2 /NDF:4.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.024 χ^2 /NDF: 4.6/7

asym_sam_15_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.690 $\pm$ 0.025 χ^2 /NDF: 10224.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 41.033 $\pm$ 0.022 χ^2 /NDF: 56048.7/4

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

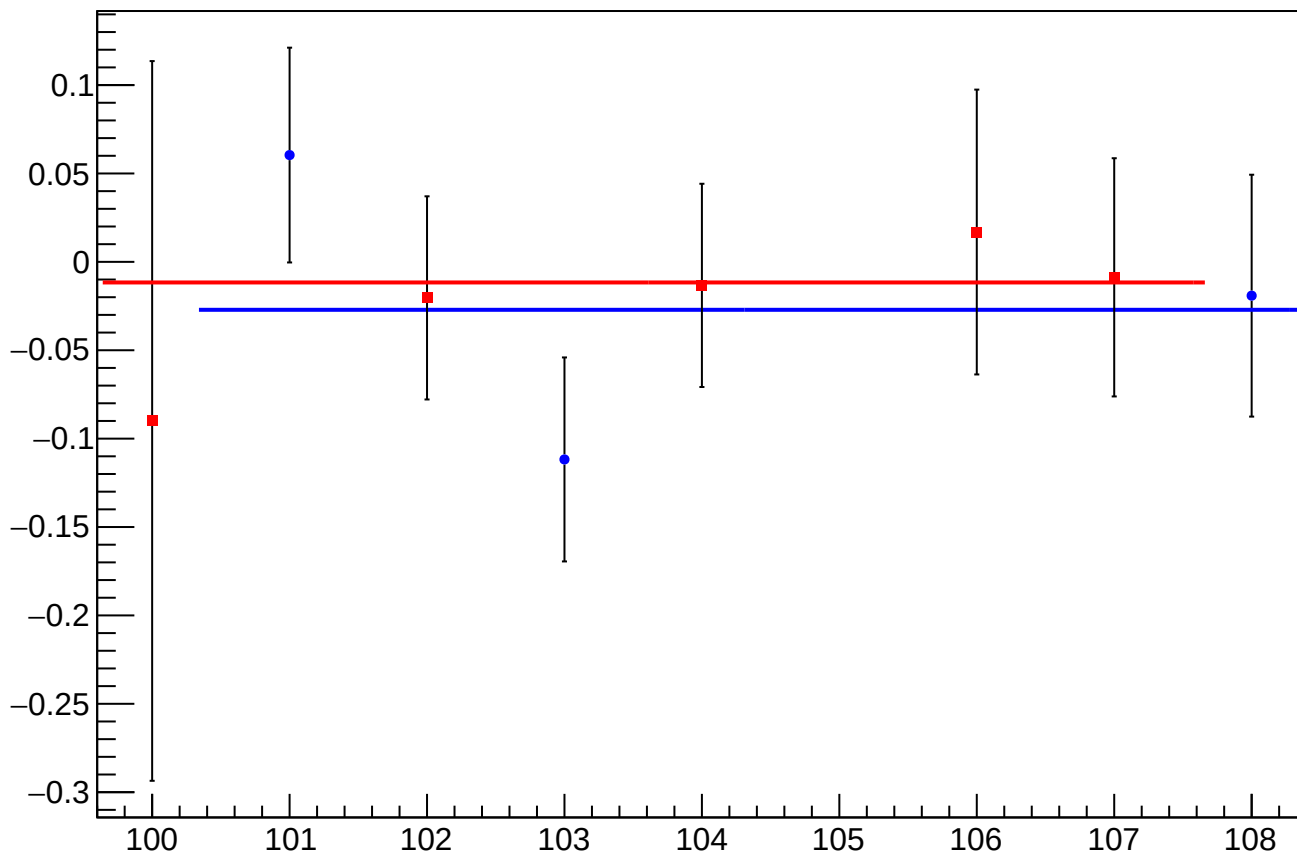
Right: 43.077 $\pm$ 0.017 χ^2 /NDF: 85388.4/7

In: 45.690 $\pm$ 0.025 χ^2 /NDF:10224.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 43.077 $\pm$ 0.017 χ^2 /NDF: 85388.4/7

asym_sam_15_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.027 $\pm$ 0.036 χ^2 /NDF: 4.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.012 $\pm$ 0.032 χ^2 /NDF: 0.3/4

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

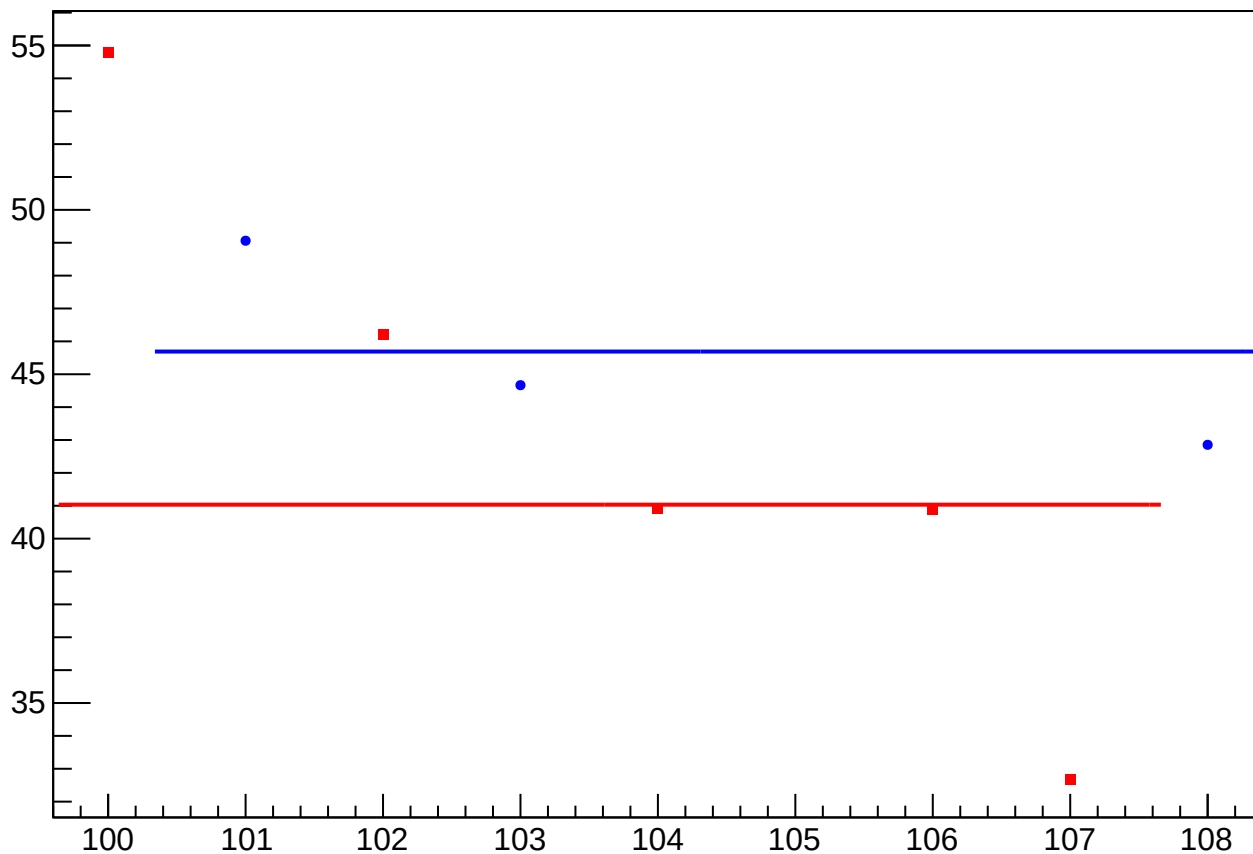
Right: -0.018 $\pm$ 0.024 χ^2 /NDF: 4.6/7

In: -0.027 $\pm$ 0.036 χ^2 /NDF:4.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.024 χ^2 /NDF: 4.6/7

asym_sam_15_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.690+/-0.025 χ^2/NDF : 10224.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.033+/-0.022 χ^2/NDF : 56048.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

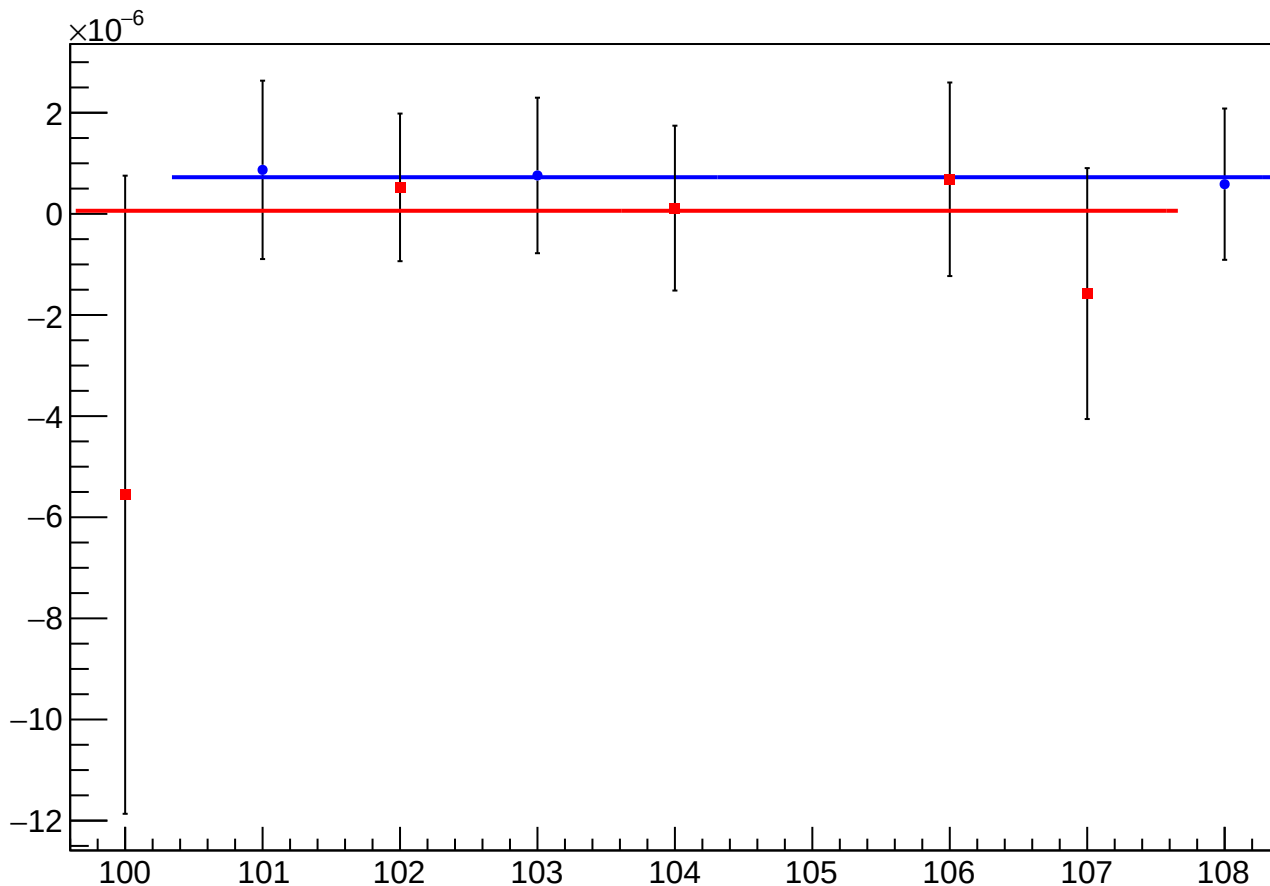
Right: 43.077+/-0.017 χ^2/NDF : 85388.4/7

In: 45.690+/-0.025 χ^2/NDF : 10224.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.077+/-0.017 χ^2/NDF : 85388.4/7

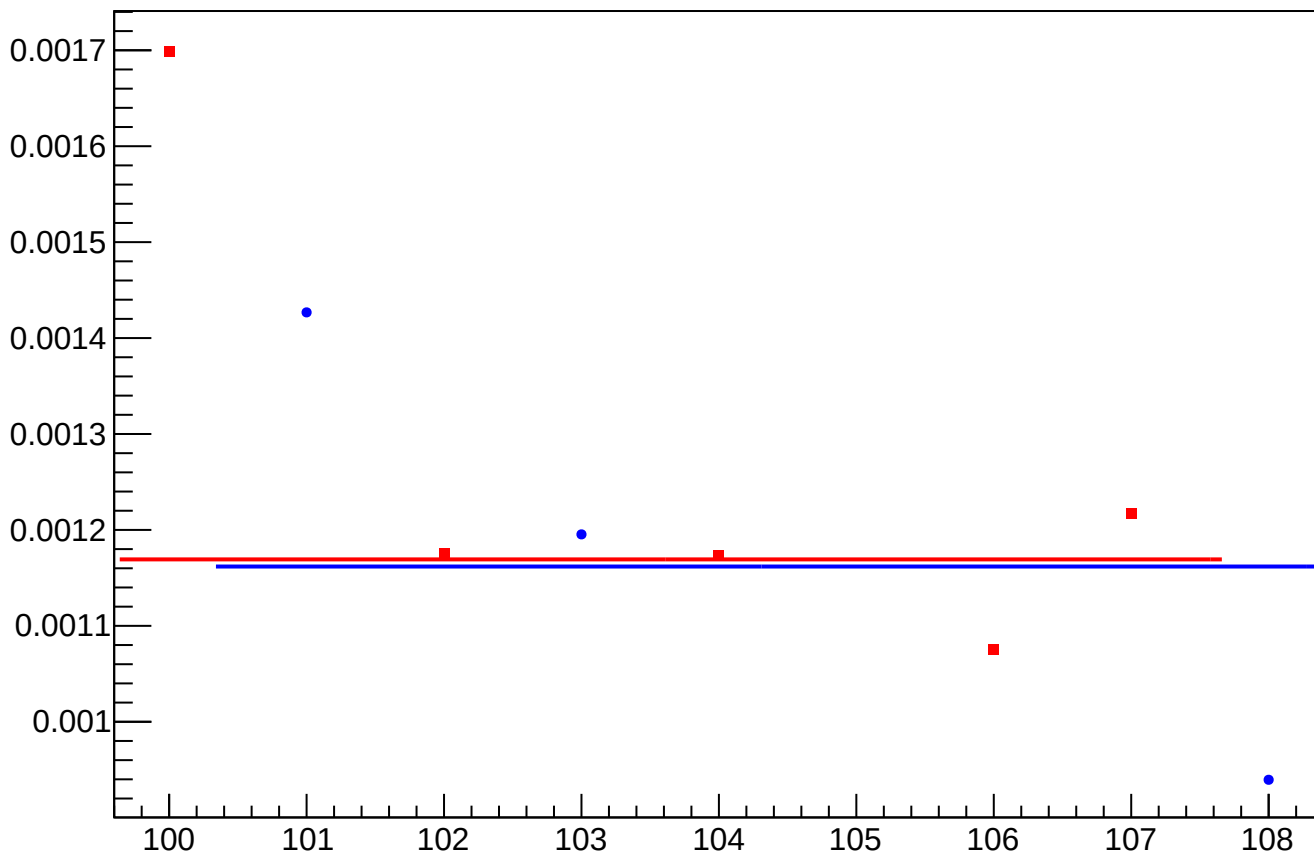
asym_sam_15_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 1.4/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1.7/7
 In: 0.000+/-0.000 χ^2/NDF : 0.0/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 1.7/7

asym_sam_15_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 90222.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 19686.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

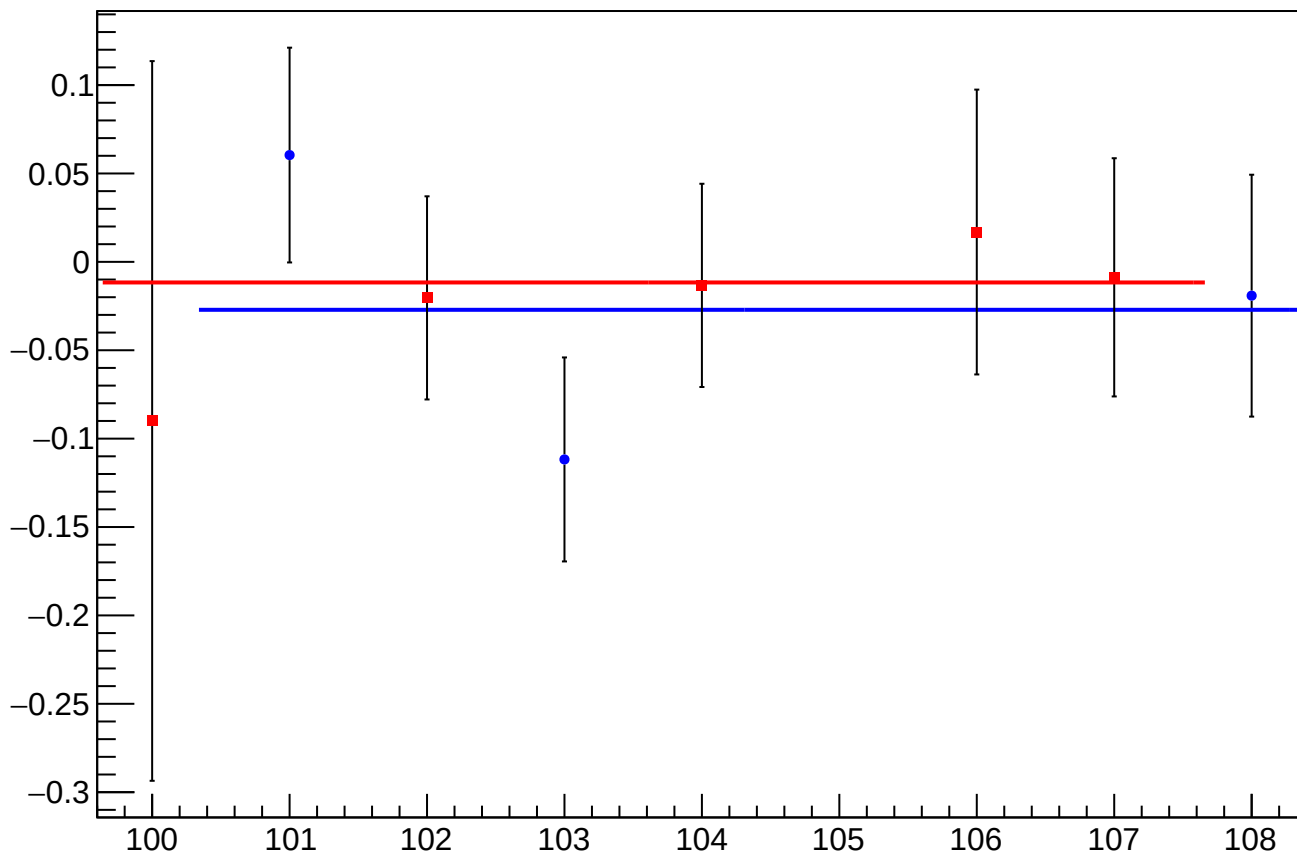
Right: 0.001+/-0.000 χ^2/NDF : 109977.9/7

In: 0.001+/-0.000 χ^2/NDF : 90222.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 109977.9/7

asym_sam_15_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.027 $\pm$ 0.036 χ^2 /NDF: 4.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.012 $\pm$ 0.032 χ^2 /NDF: 0.3/4

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

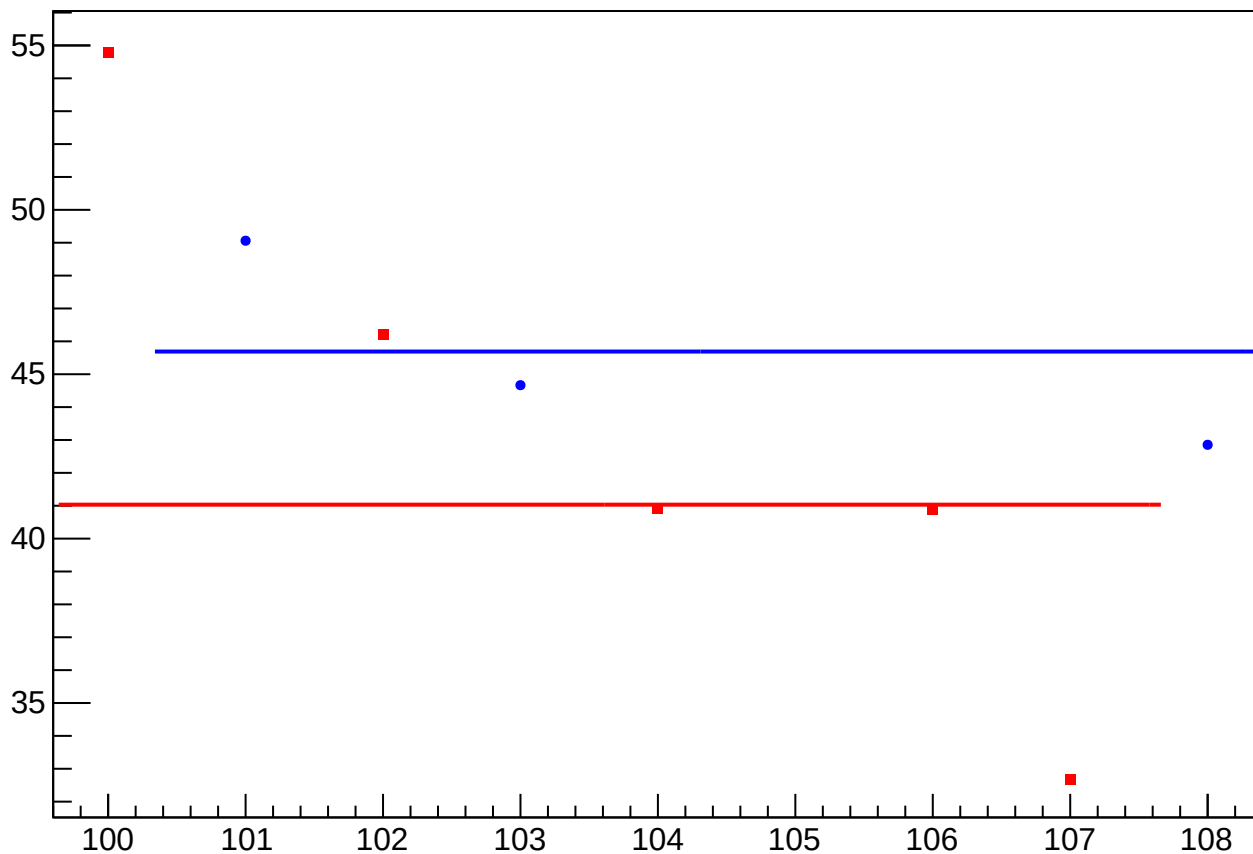
Right: -0.018 $\pm$ 0.024 χ^2 /NDF: 4.6/7

In: -0.027 $\pm$ 0.036 χ^2 /NDF:4.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.024 χ^2 /NDF: 4.6/7

asym_sam_15_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.690 $\pm$ 0.025 χ^2 /NDF: 10223.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 41.032 $\pm$ 0.022 χ^2 /NDF: 56046.2/4

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

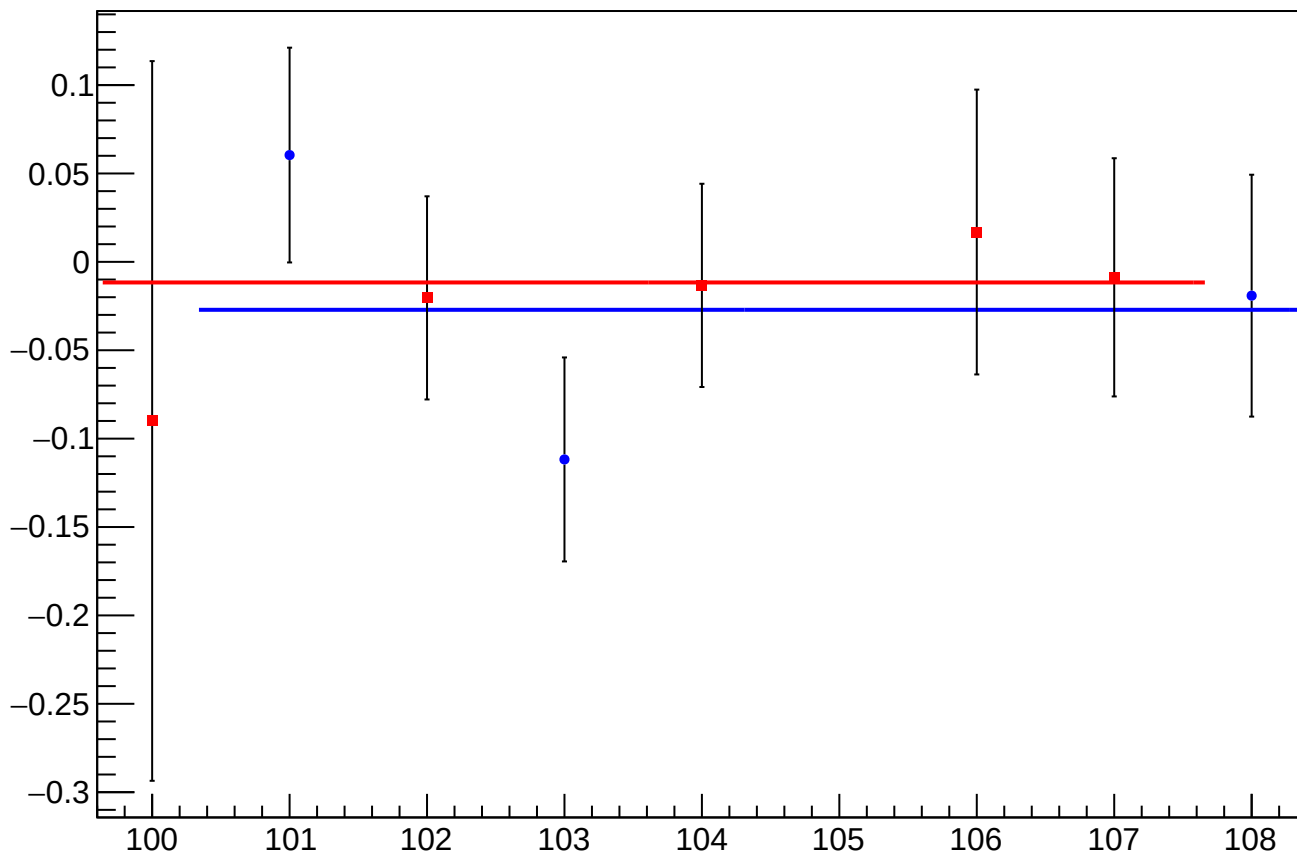
Right: 43.076 $\pm$ 0.017 χ^2 /NDF: 85384.3/7

In: 45.690 $\pm$ 0.025 χ^2 /NDF:10223.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 43.076 $\pm$ 0.017 χ^2 /NDF: 85384.3/7

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.027+/-0.036 χ^2/NDF : 4.2/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.012+/-0.032 χ^2/NDF : 0.3/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

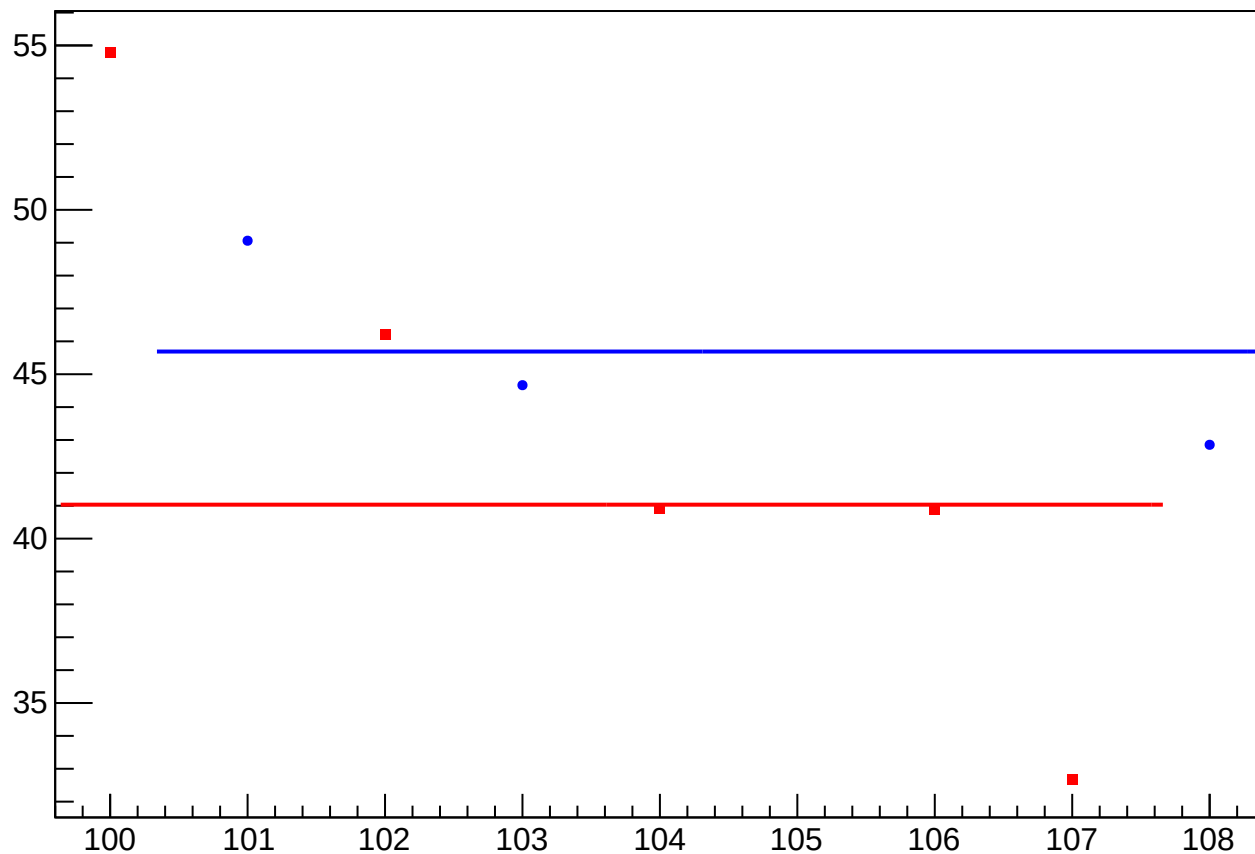
Right: -0.018+/-0.024 χ^2/NDF : 4.6/7

In: -0.027+/-0.036 χ^2/NDF :4.2/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.018+/-0.024 χ^2/NDF : 4.6/7

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.690+/-0.025 χ^2/NDF : 10223.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.032+/-0.022 χ^2/NDF : 56046.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

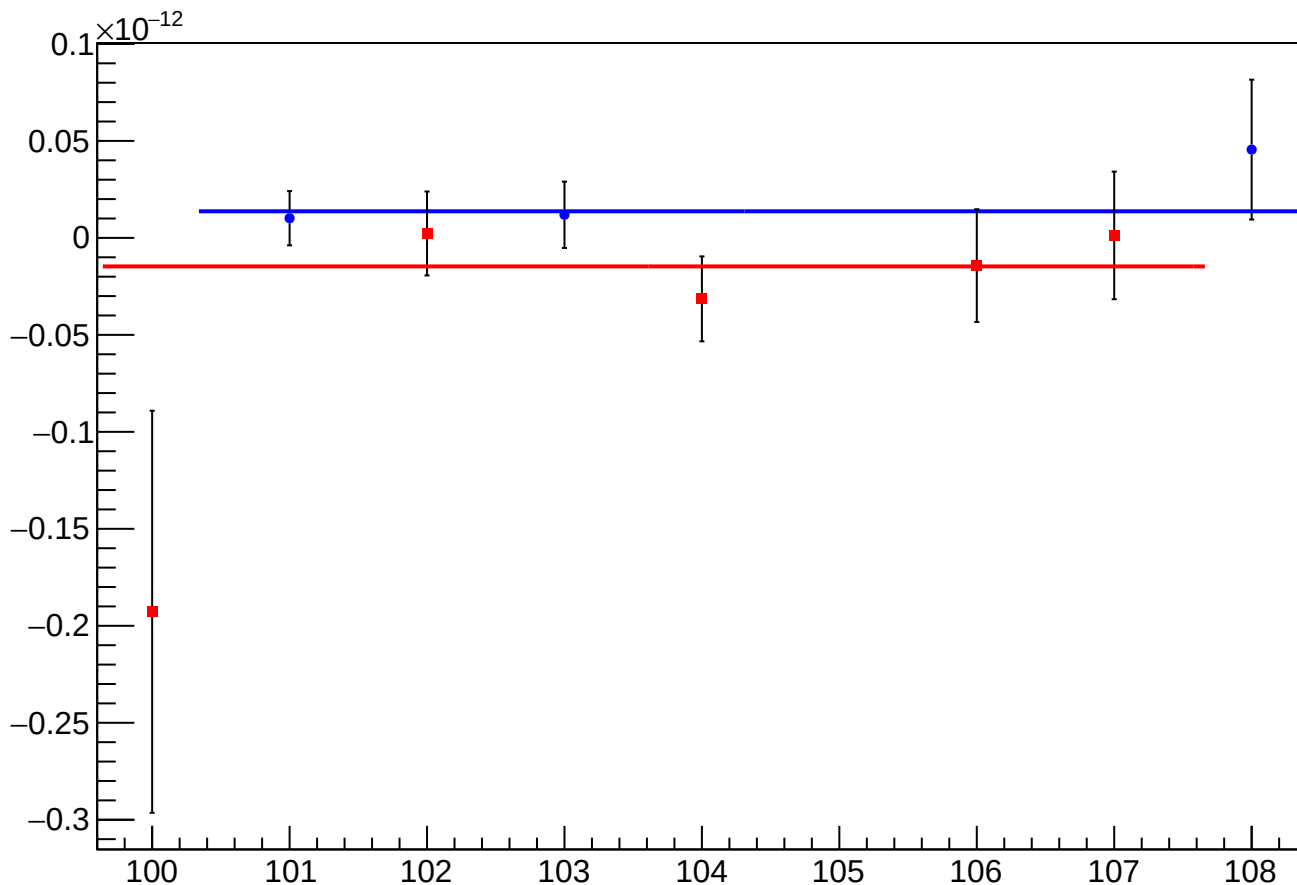
Right: 43.076+/-0.017 χ^2/NDF : 85384.3/7

In: 45.690+/-0.025 χ^2/NDF : 10223.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.076+/-0.017 χ^2/NDF : 85384.3/7

asym_sam_15_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

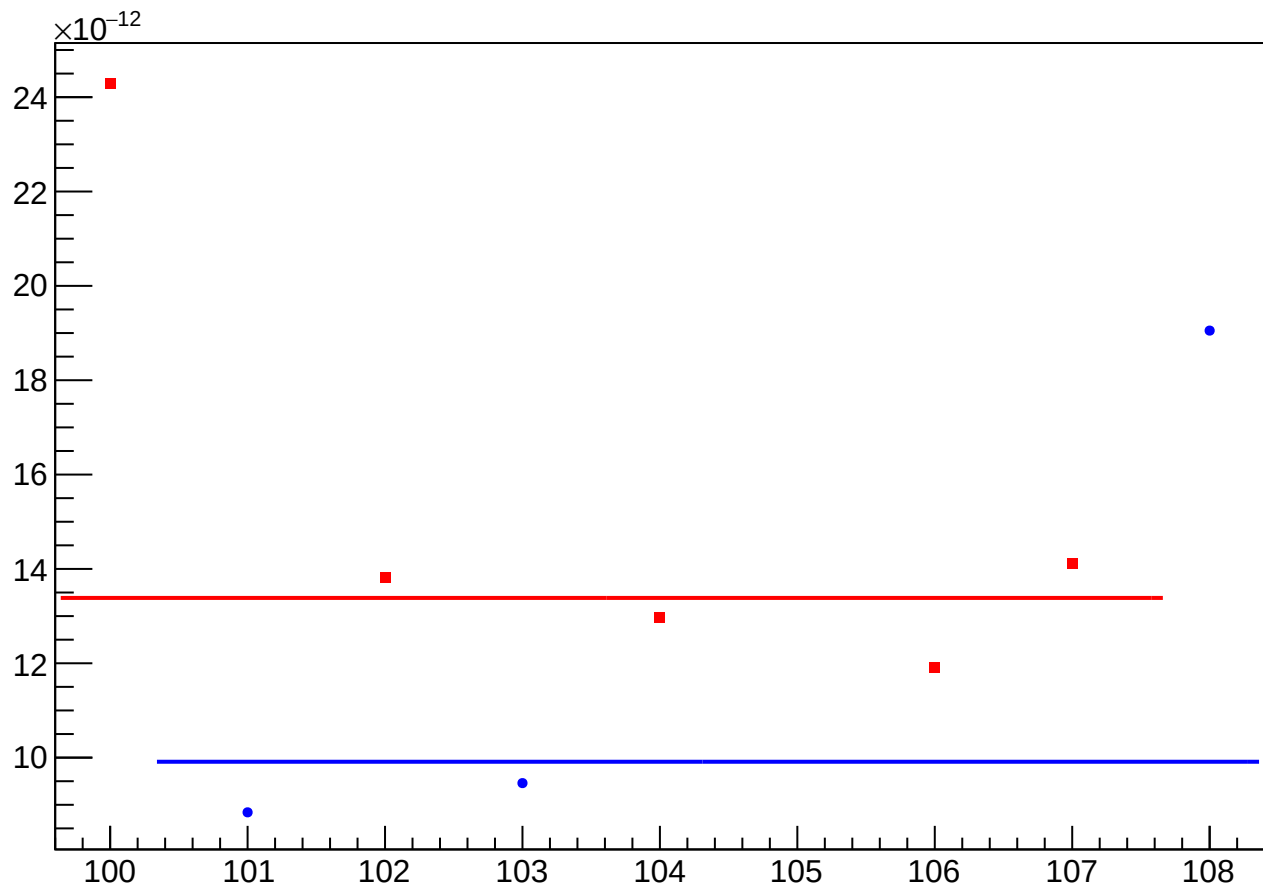
Right: 0.000+/-0.000 χ^2/NDF : 8.3/7

In: 0.000+/-0.000 χ^2/NDF : 0.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.3/7

asym_sam_15_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 141660.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 29831.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

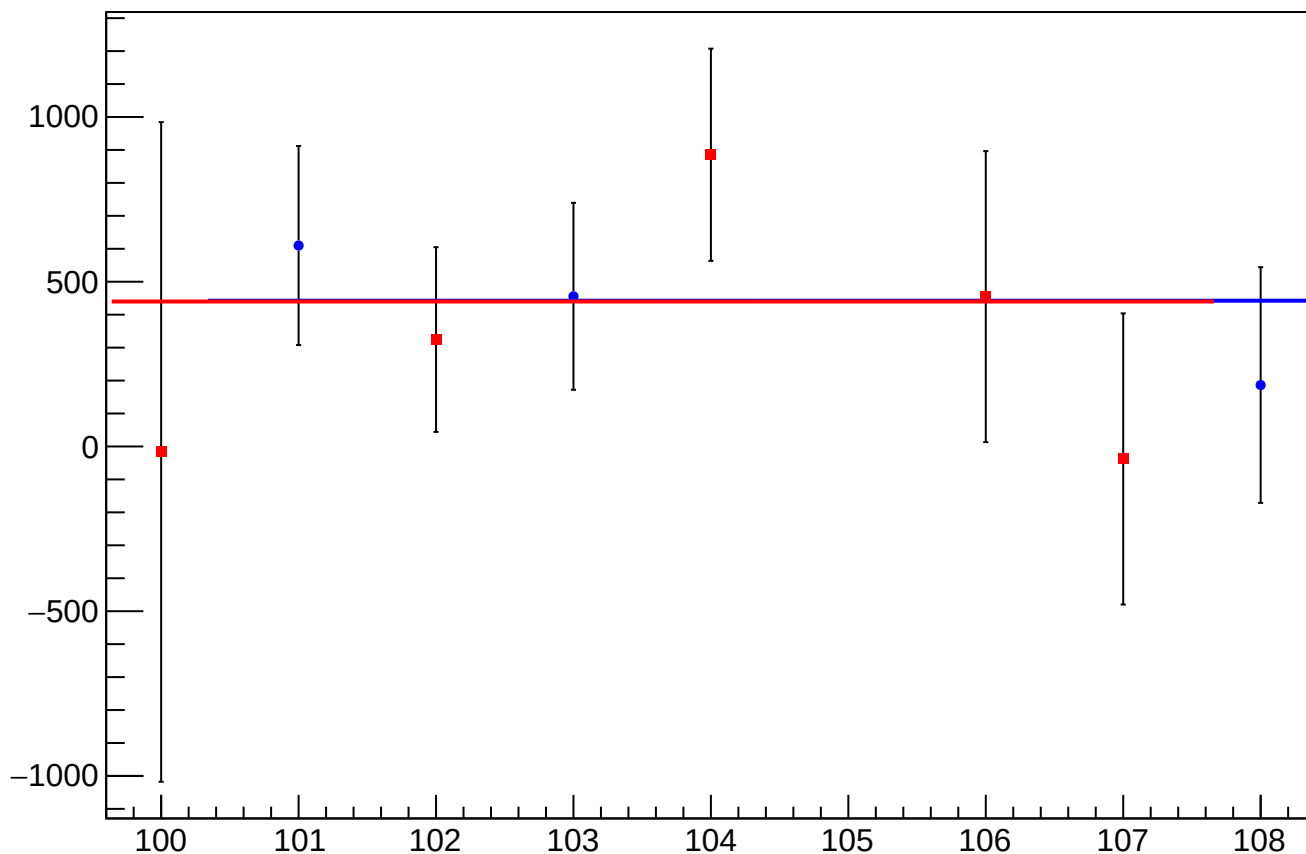
Right: 0.000+/-0.000 χ^2/NDF : 263102.3/7

In: 0.000+/-0.000 χ^2/NDF : 141660.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 263102.3/7

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 442.407 $\pm$ 179.050 χ^2 /NDF: 0.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 439.973 $\pm$ 172.490 χ^2 /NDF: 3.5/4

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

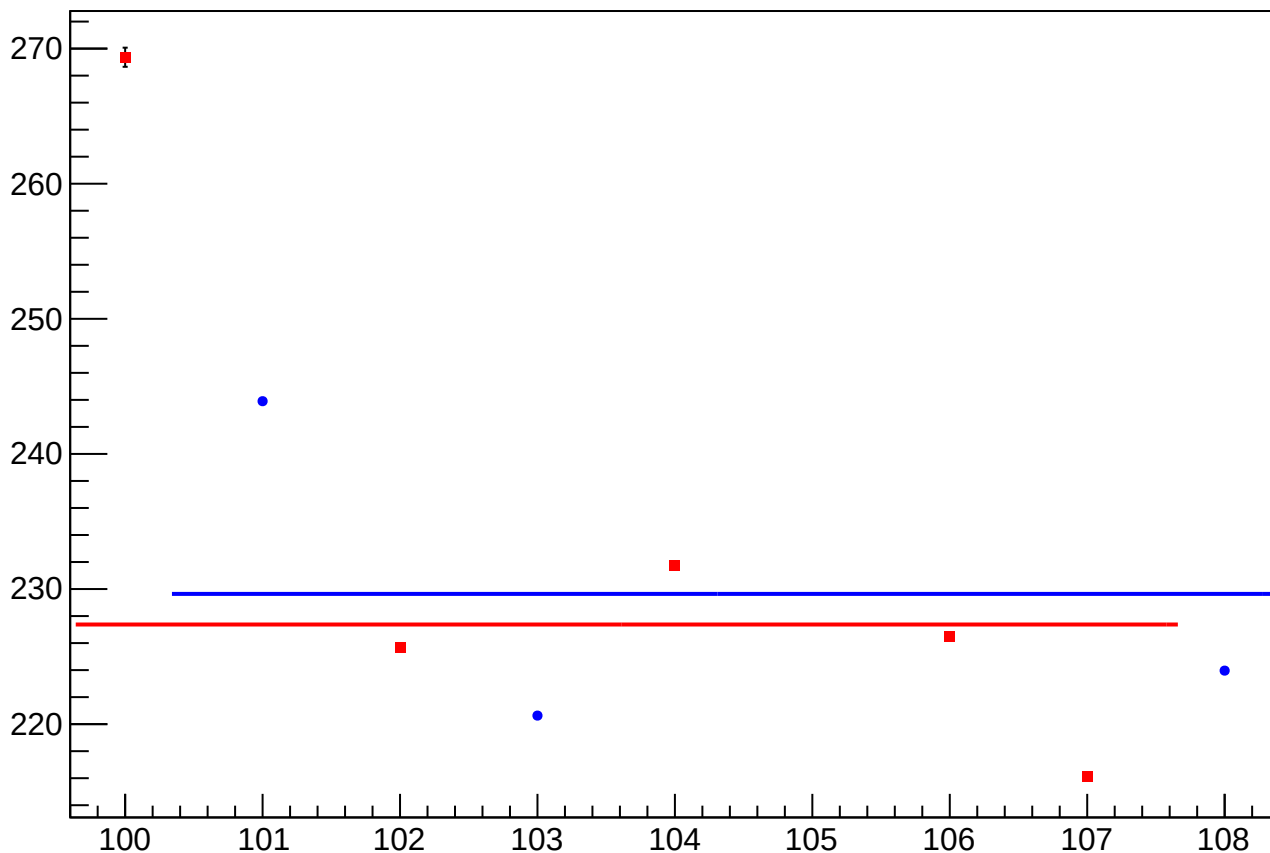
Right: 441.145 $\pm$ 124.223 χ^2 /NDF: 4.3/7

In: 442.407 $\pm$ 179.050 χ^2 /NDF:0.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 441.145 $\pm$ 124.223 χ^2 /NDF: 4.3/7

reg_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 229.640 $\pm$ 0.127 χ^2 /NDF: 6977.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 227.375 $\pm$ 0.122 χ^2 /NDF: 5270.0/4

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

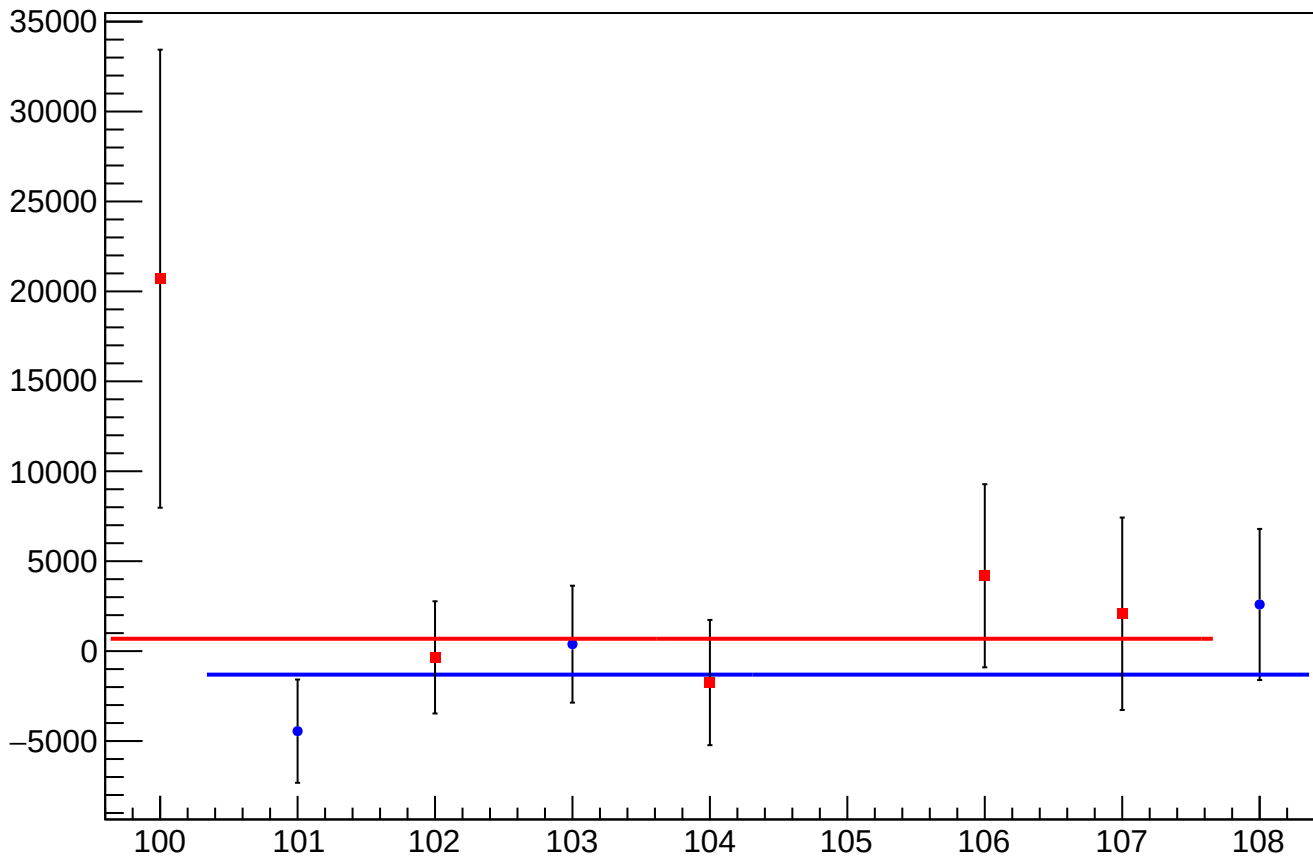
Right: 228.465 $\pm$ 0.088 χ^2 /NDF: 12413.3/7

In: 229.640 $\pm$ 0.127 χ^2 /NDF:6977.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 228.465 $\pm$ 0.088 χ^2 /NDF: 12413.3/7

asym_sam_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -1307.681+/-1915.267 χ^2/NDF : 2.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 686.912+/-1942.652 χ^2/NDF : 3.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

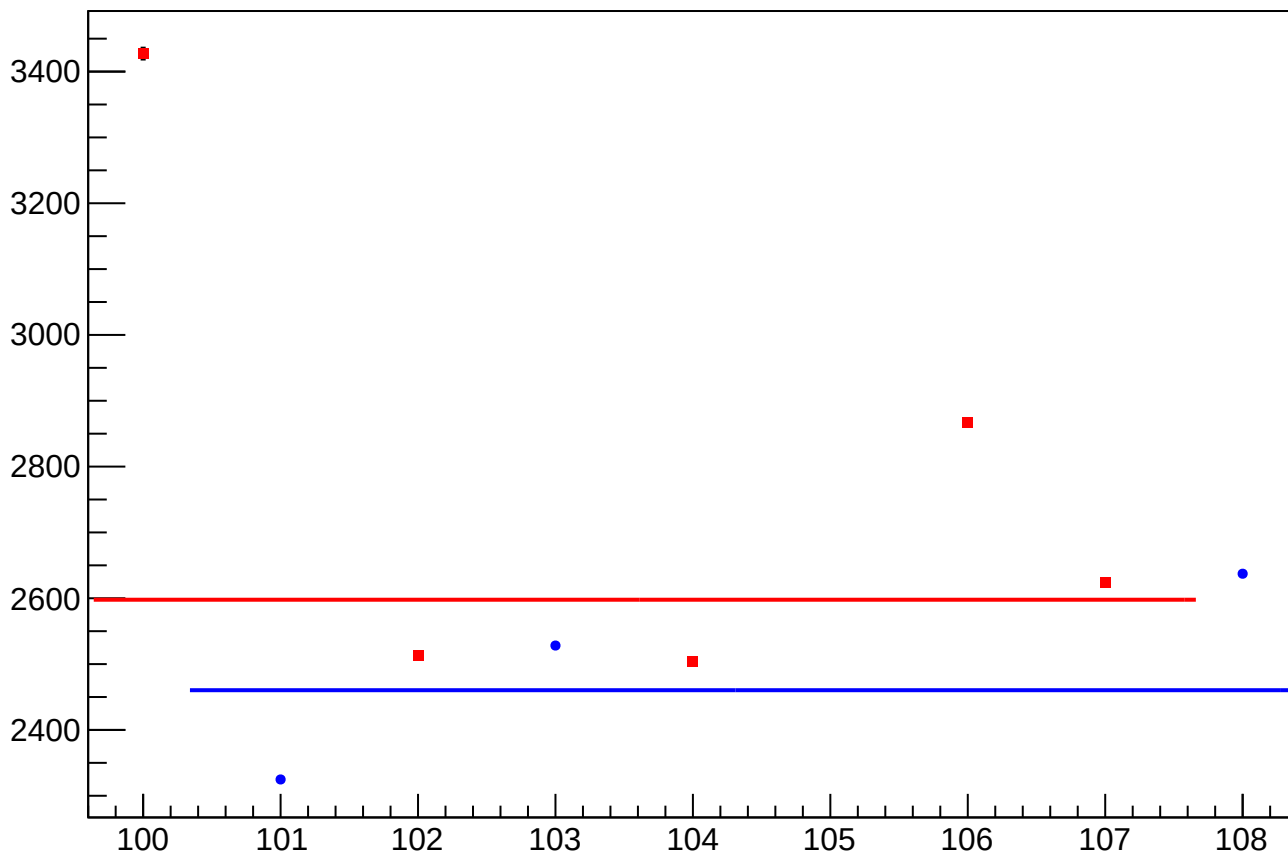
Right: -324.542+/-1363.877 χ^2/NDF : 6.5/7

In: -1307.681+/-1915.267 χ^2/NDF : 2.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -324.542+/-1363.877 χ^2/NDF : 6.5/7

asym_sam_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2460.343 $\pm$ 1.354 χ^2 /NDF: 8877.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2597.774 $\pm$ 1.374 χ^2 /NDF: 17020.4/4

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

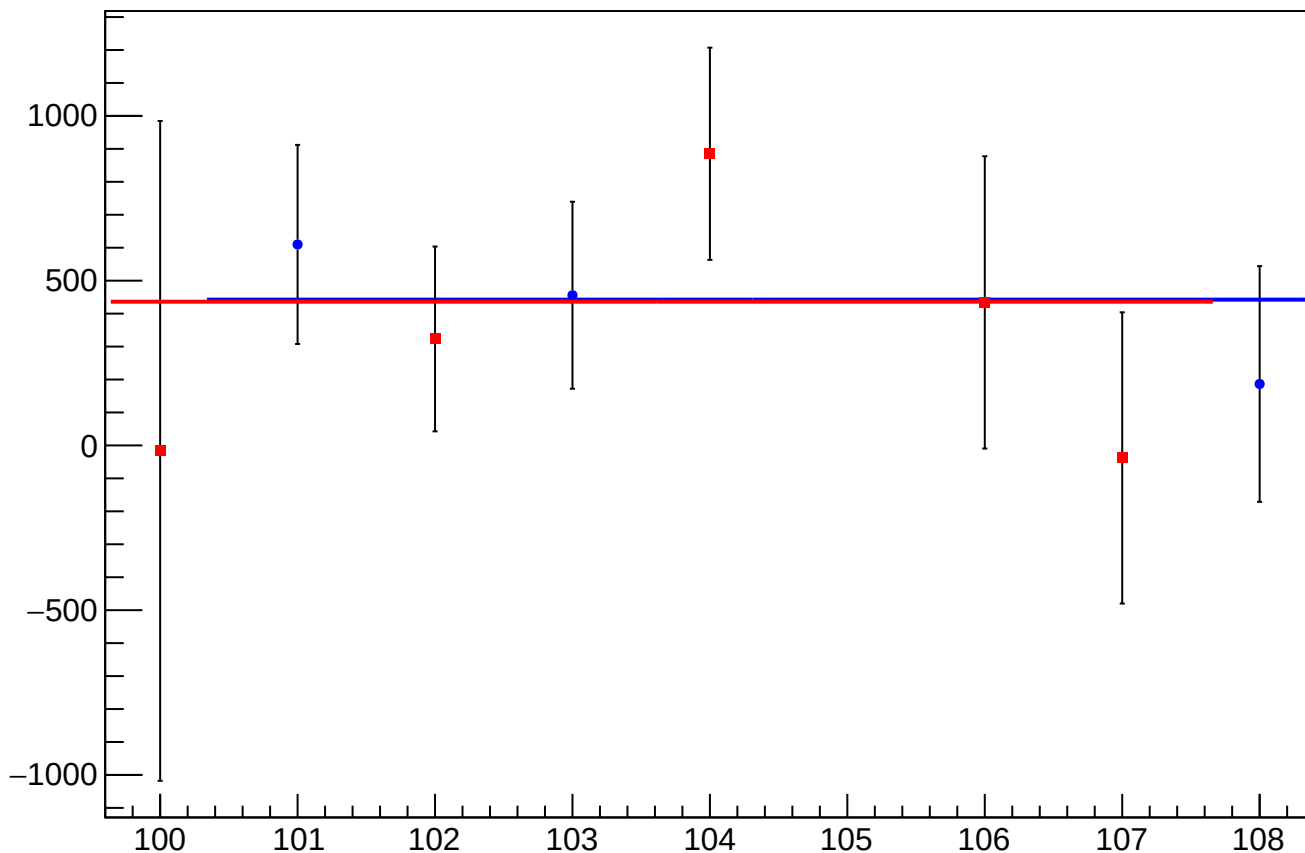
Right: 2528.083 $\pm$ 0.964 χ^2 /NDF: 30974.0/7

In: 2460.343 $\pm$ 1.354 χ^2 /NDF:8877.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2528.083 $\pm$ 0.964 χ^2 /NDF: 30974.0/7

cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 442.441 $\pm$ 179.050 χ^2 /NDF: 0.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 436.193 $\pm$ 172.616 χ^2 /NDF: 3.5/4

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

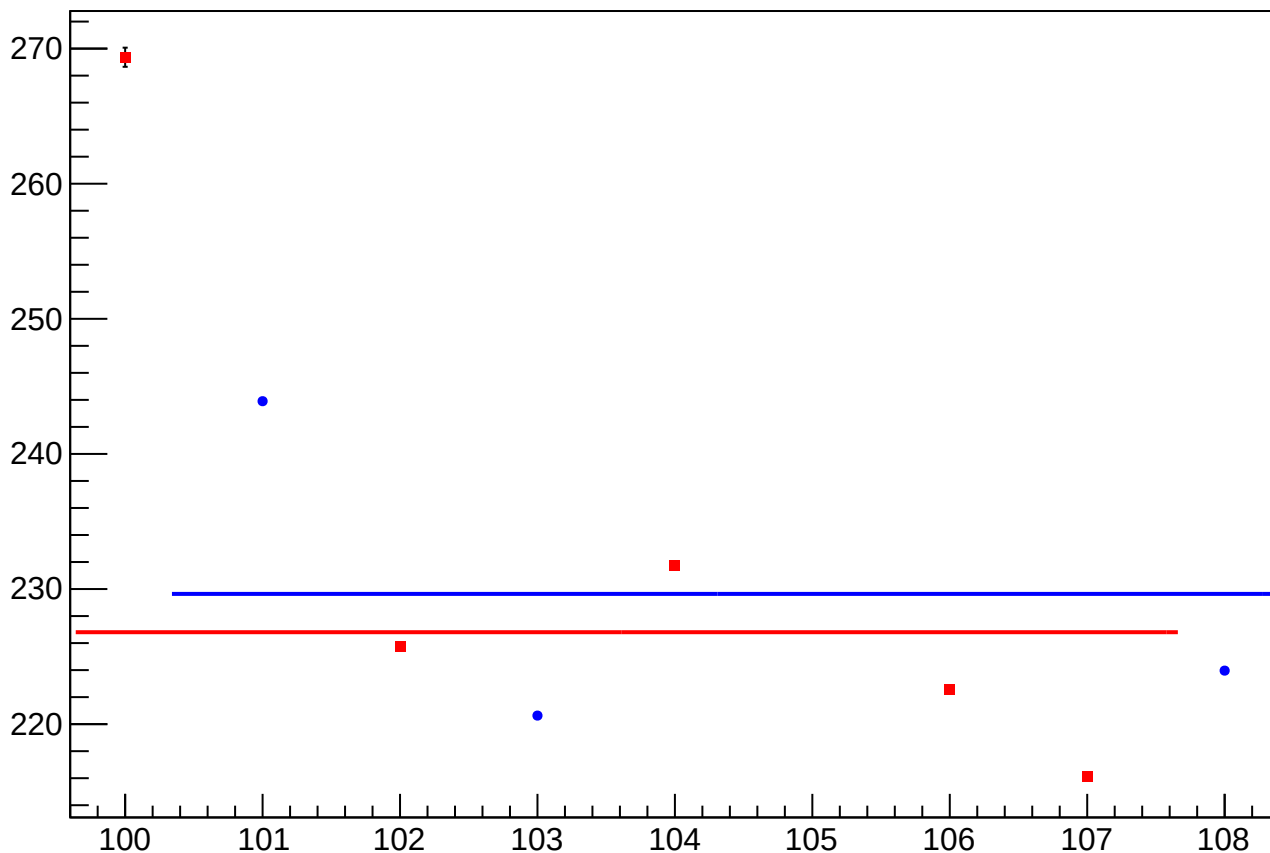
Right: 439.203 $\pm$ 124.270 χ^2 /NDF: 4.3/7

In: 442.441 $\pm$ 179.050 χ^2 /NDF:0.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 439.203 $\pm$ 124.270 χ^2 /NDF: 4.3/7

cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 229.640 $\pm$ 0.127 χ^2 /NDF: 6977.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 226.805 $\pm$ 0.122 χ^2 /NDF: 5472.8/4

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

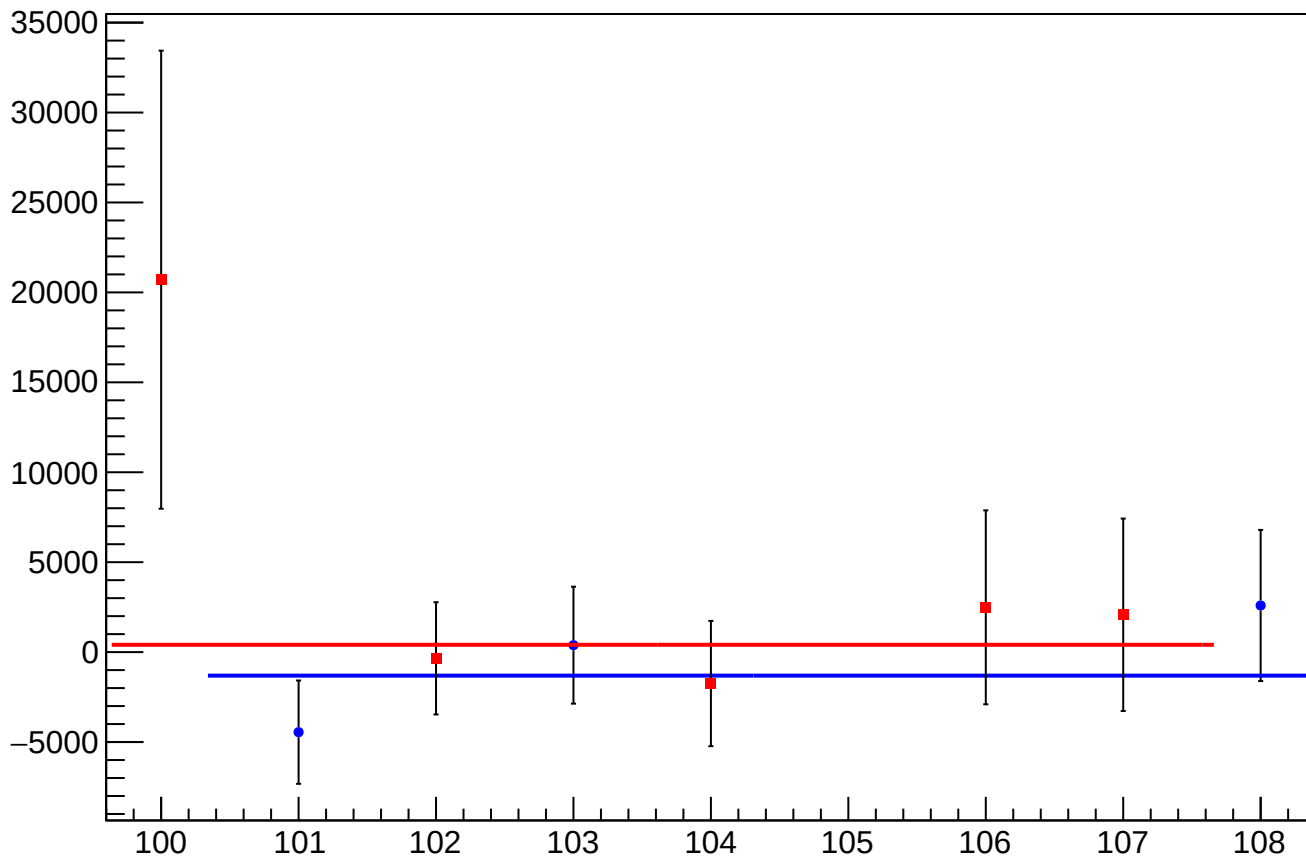
Right: 228.171 $\pm$ 0.088 χ^2 /NDF: 12709.9/7

In: 229.640 $\pm$ 0.127 χ^2 /NDF:6977.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 228.171 $\pm$ 0.088 χ^2 /NDF: 12709.9/7

asym_sam_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -1307.456+/-1915.284 χ^2/NDF : 2.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 407.548+/-1958.489 χ^2/NDF : 3.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

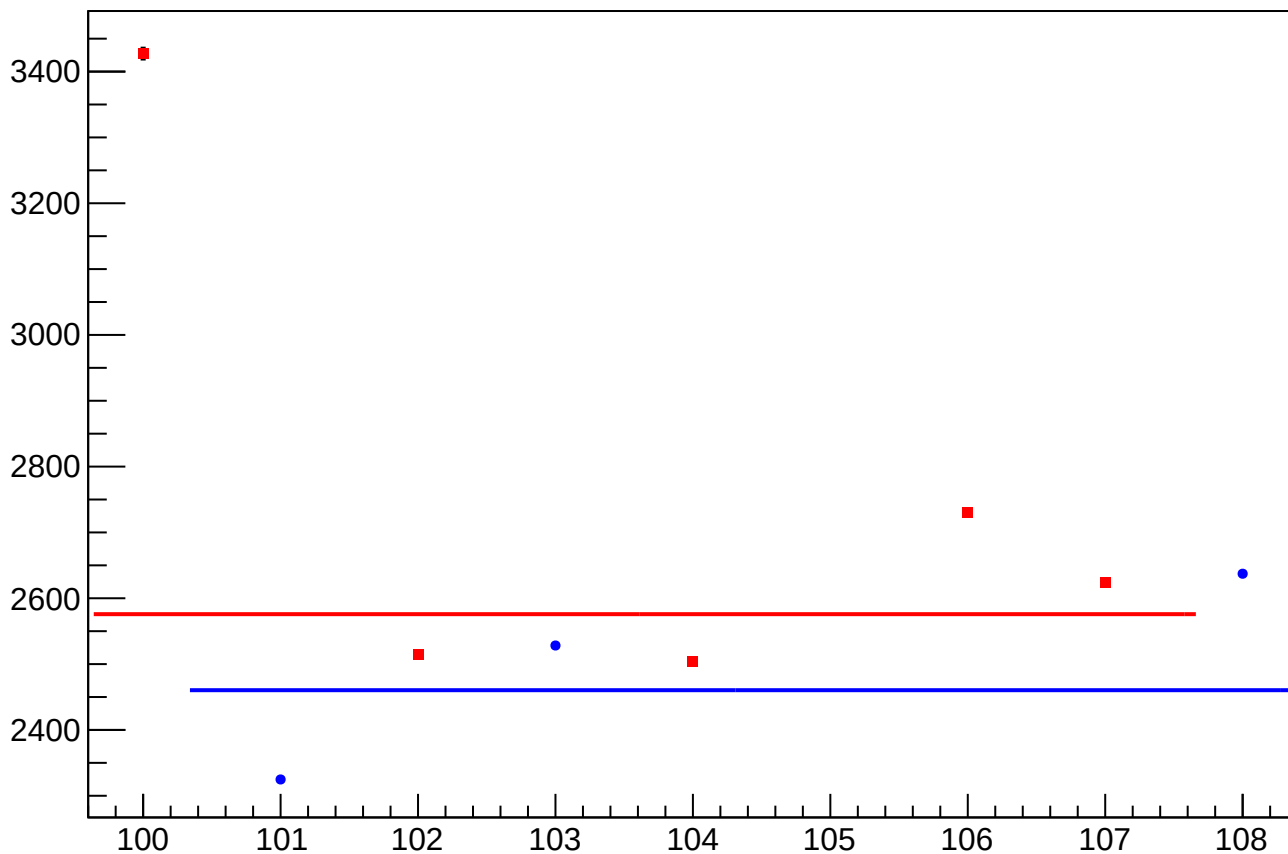
Right: -469.079+/-1369.330 χ^2/NDF : 6.0/7

In: -1307.456+/-1915.284 χ^2/NDF : 2.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -469.079+/-1369.330 χ^2/NDF : 6.0/7

asym_sam_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2460.364+/-1.354 χ^2/NDF : 8879.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2575.851+/-1.385 χ^2/NDF : 12363.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

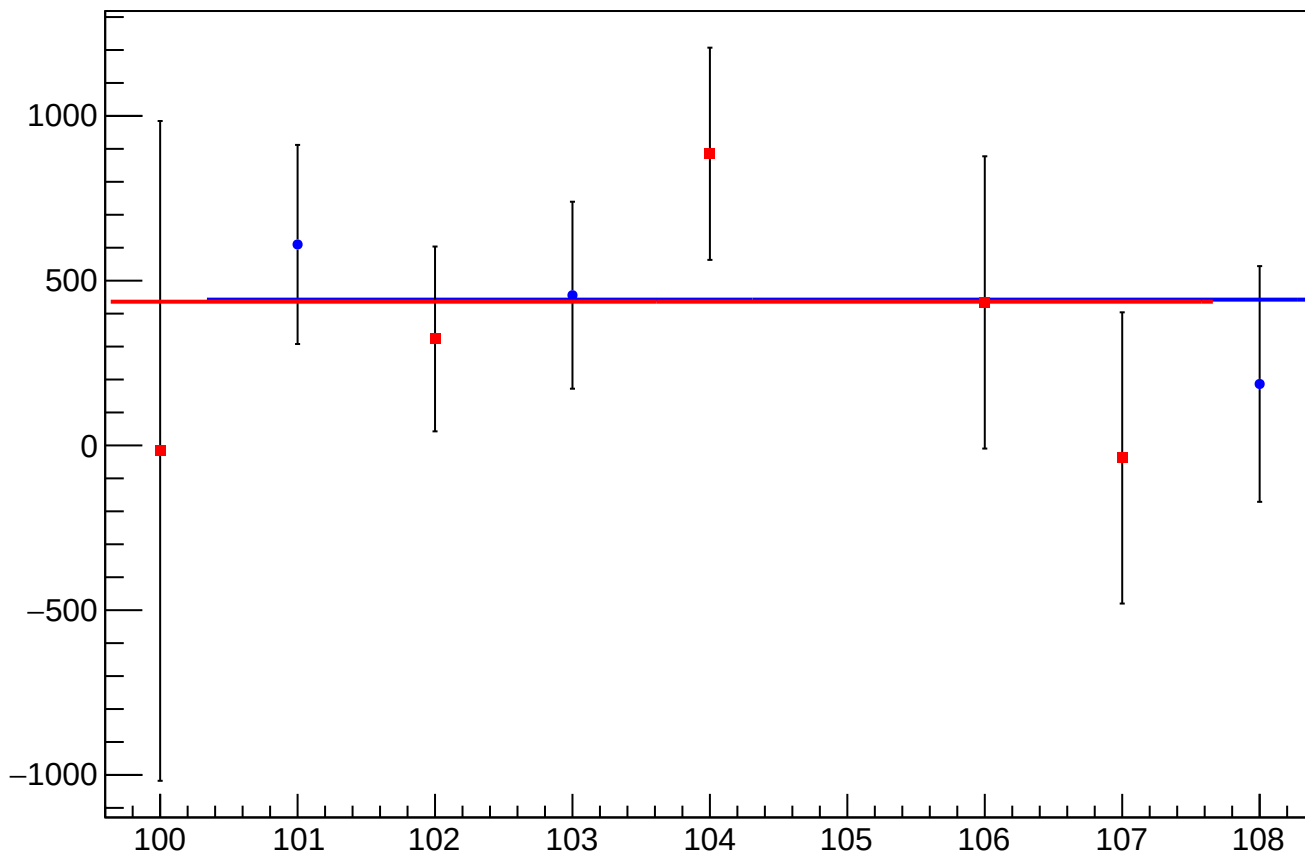
Right: 2516.820+/-0.968 χ^2/NDF : 24796.8/7

In: 2460.364+/-1.354 χ^2/NDF : 8879.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2516.820+/-0.968 χ^2/NDF : 24796.8/7

eigen_cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 442.441 $\pm$ 179.050 χ^2 /NDF: 0.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 436.193 $\pm$ 172.616 χ^2 /NDF: 3.5/4

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

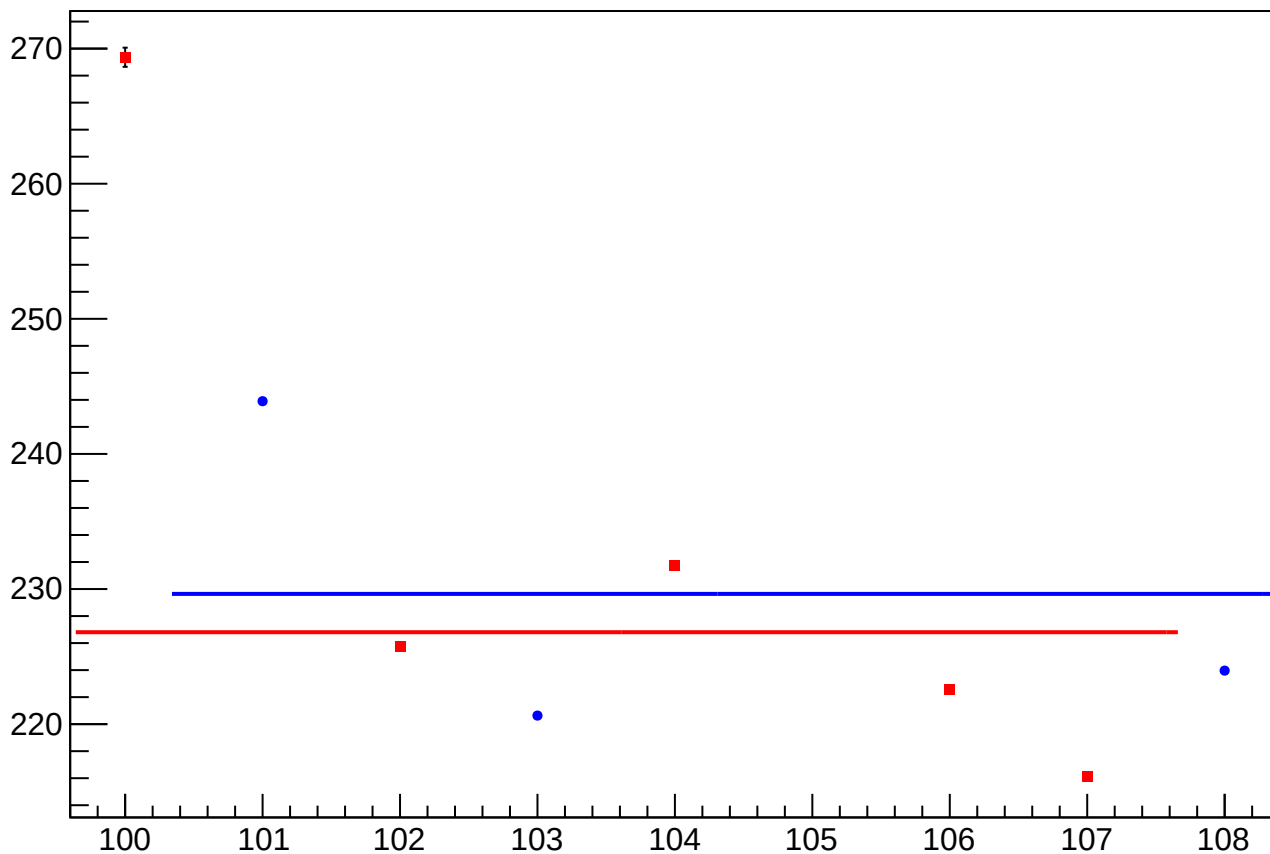
Right: 439.203 $\pm$ 124.270 χ^2 /NDF: 4.3/7

In: 442.441 $\pm$ 179.050 χ^2 /NDF: 0.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 439.203 $\pm$ 124.270 χ^2 /NDF: 4.3/7

eigen_cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 229.640+/-0.127 χ^2/NDF : 6977.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 226.805+/-0.122 χ^2/NDF : 5472.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

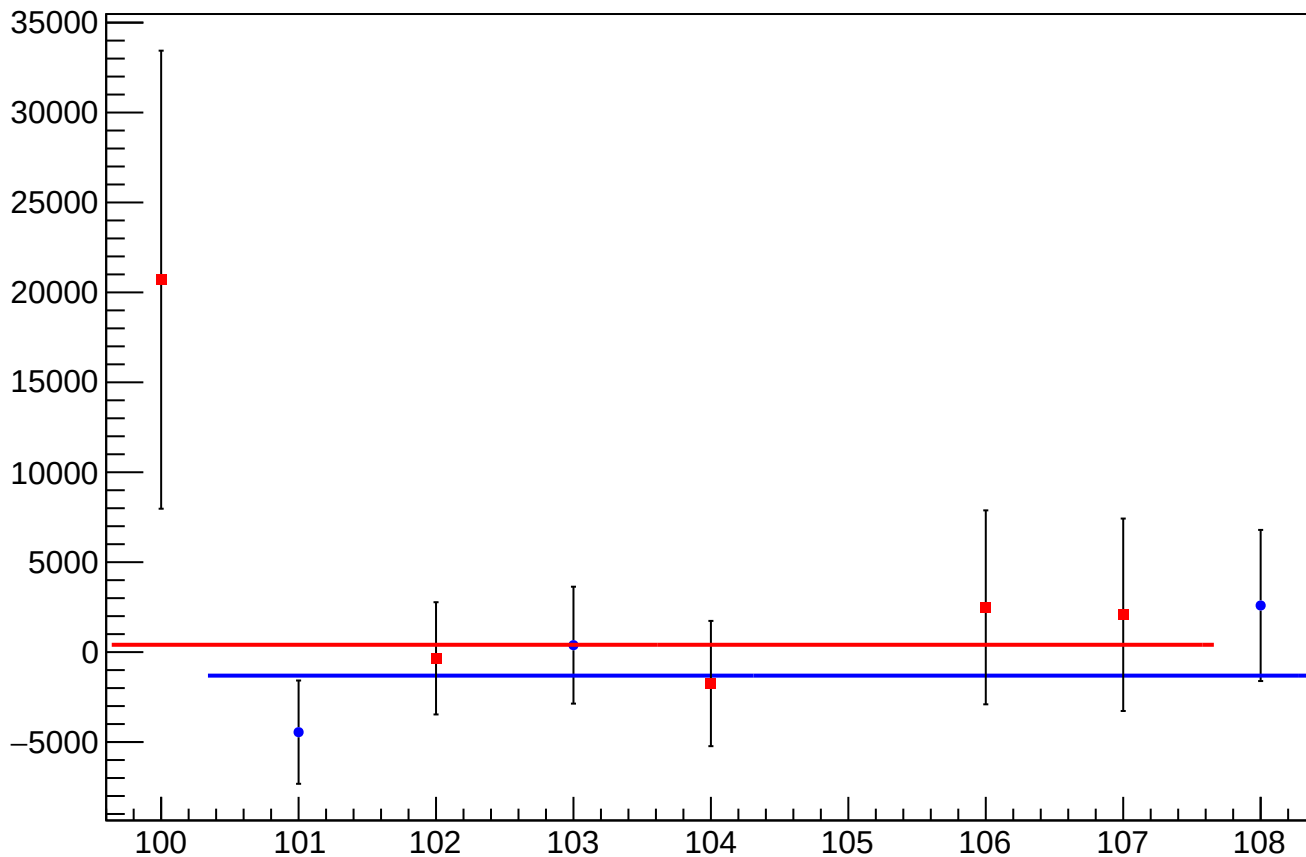
Right: 228.171+/-0.088 χ^2/NDF : 12709.9/7

In: 229.640+/-0.127 χ^2/NDF : 6977.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.171+/-0.088 χ^2/NDF : 12709.9/7

asym_sam_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1307.456+/-1915.284 χ^2/NDF : 2.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 407.548+/-1958.489 χ^2/NDF : 3.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

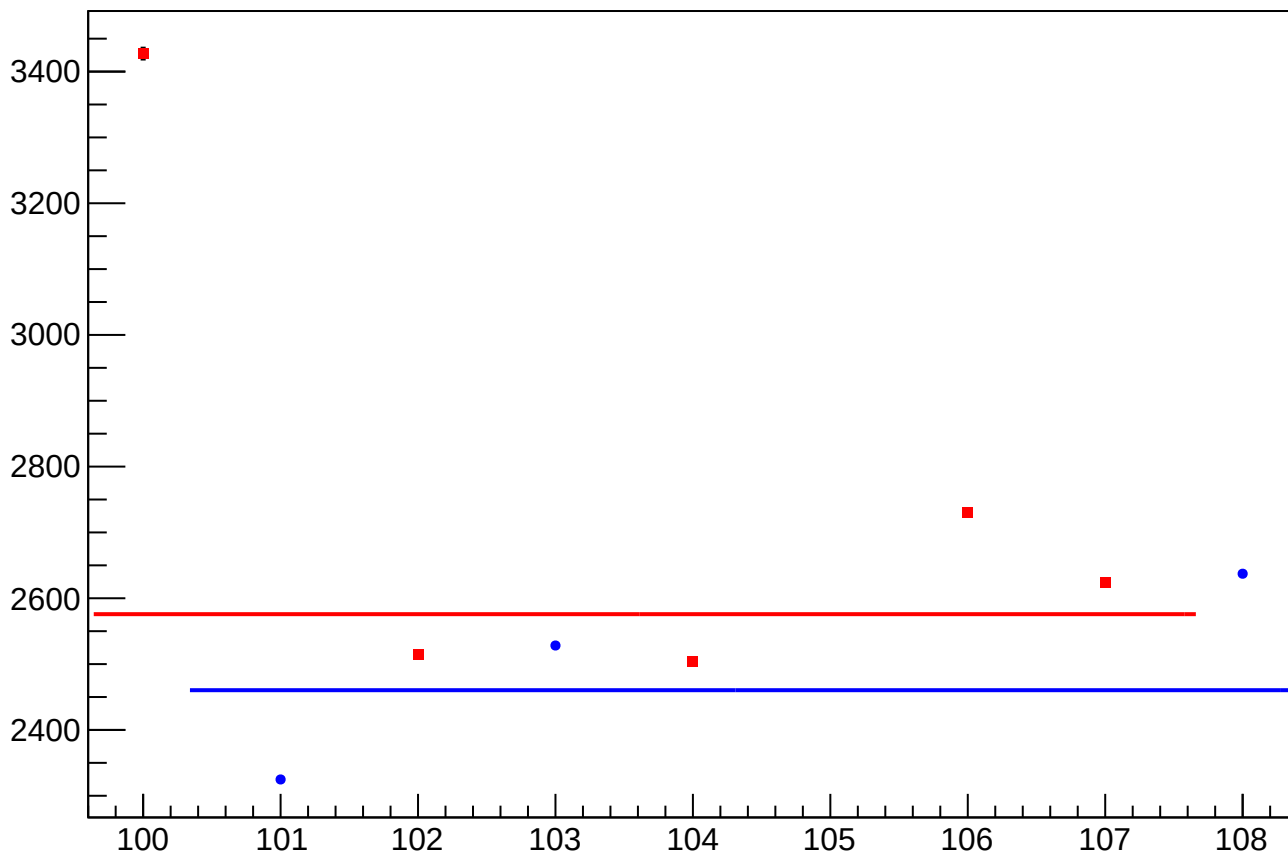
Right: -469.079+/-1369.330 χ^2/NDF : 6.0/7

In: -1307.456+/-1915.284 χ^2/NDF : 2.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -469.079+/-1369.330 χ^2/NDF : 6.0/7

asym_sam_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2460.364+/-1.354 χ^2/NDF : 8879.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2575.851+/-1.385 χ^2/NDF : 12363.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

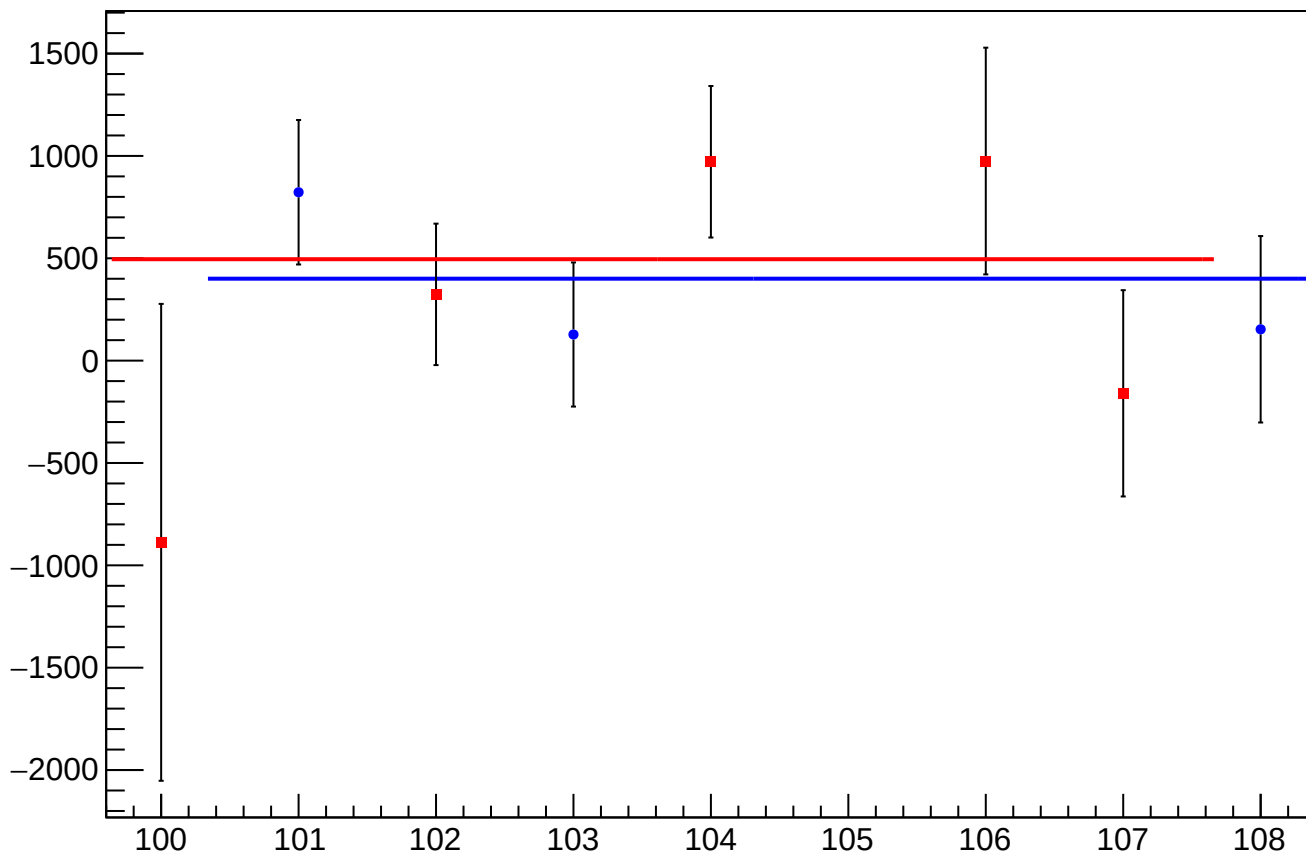
Right: 2516.820+/-0.968 χ^2/NDF : 24796.8/7

In: 2460.364+/-1.354 χ^2/NDF : 8879.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2516.820+/-0.968 χ^2/NDF : 24796.8/7

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 400.304 $\pm$ 218.637 χ^2 /NDF: 2.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 495.449 $\pm$ 205.772 χ^2 /NDF: 5.8/4

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

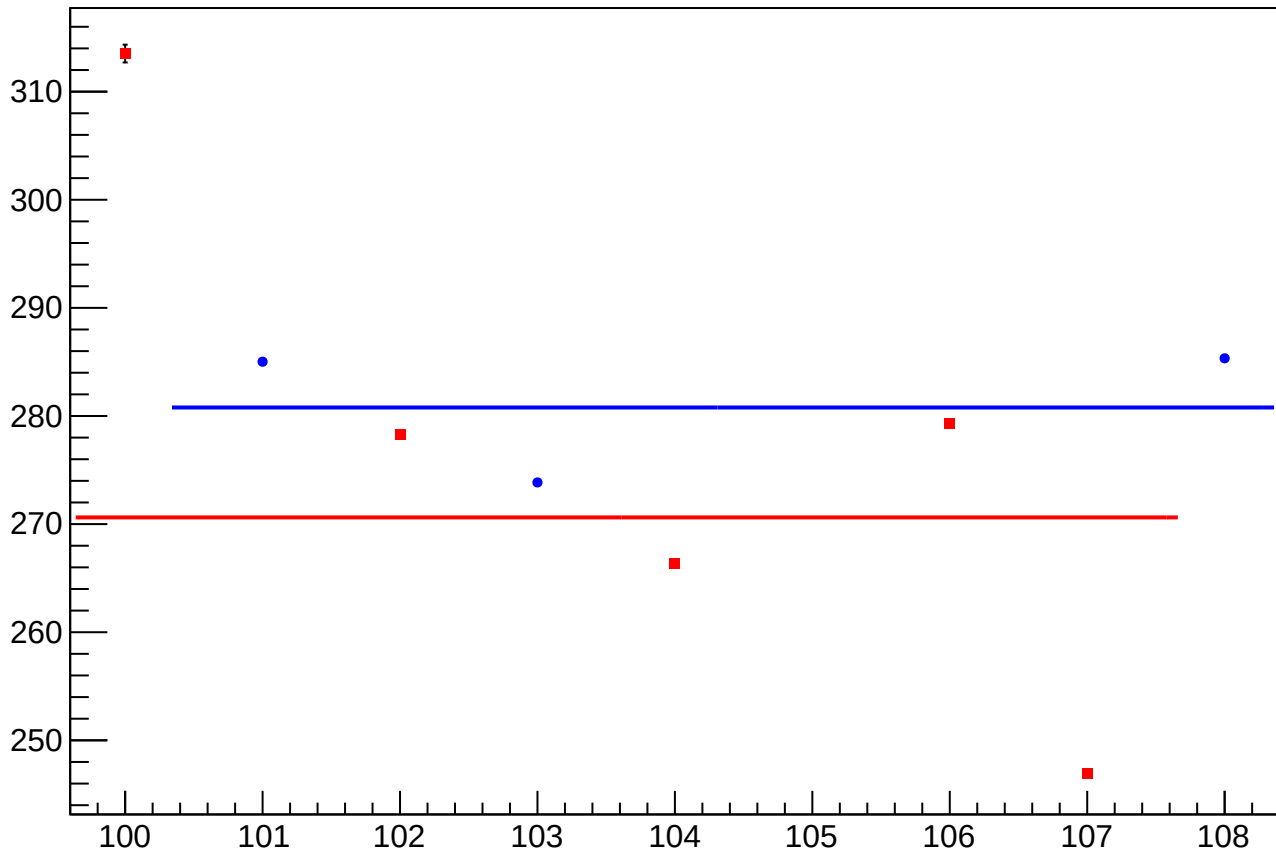
Right: 450.758 $\pm$ 149.845 χ^2 /NDF: 8.2/7

In: 400.304 $\pm$ 218.637 χ^2 /NDF:2.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 450.758 $\pm$ 149.845 χ^2 /NDF: 8.2/7

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 280.787 $\pm$ 0.155 χ^2 /NDF: 1262.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 270.619 $\pm$ 0.146 χ^2 /NDF: 8896.1/4

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

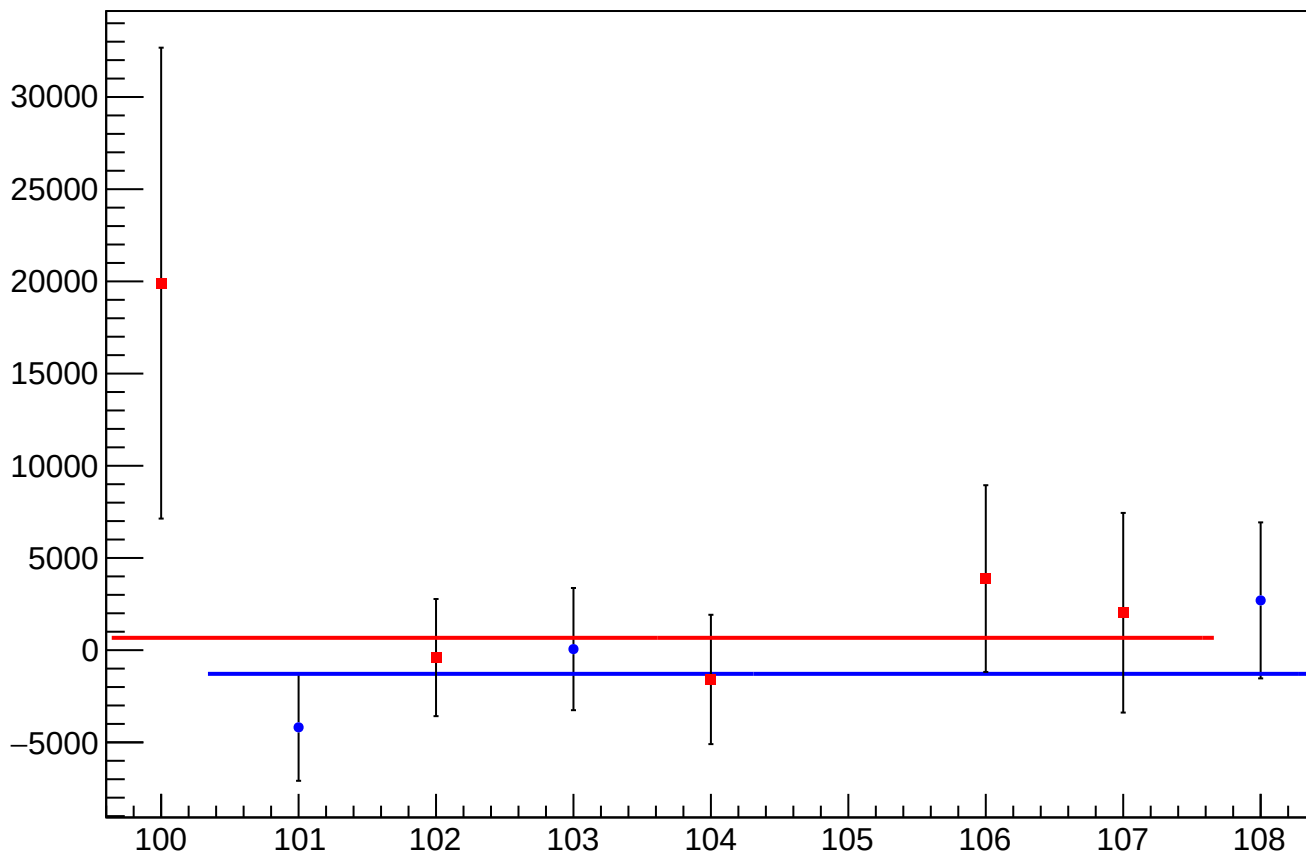
Right: 275.395 $\pm$ 0.106 χ^2 /NDF: 12452.7/7

In: 280.787 $\pm$ 0.155 χ^2 /NDF:1262.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 275.395 $\pm$ 0.106 χ^2 /NDF: 12452.7/7

asym_sam_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -1284.478+/-1939.406 χ^2/NDF : 2.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 669.061+/-1962.449 χ^2/NDF : 3.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

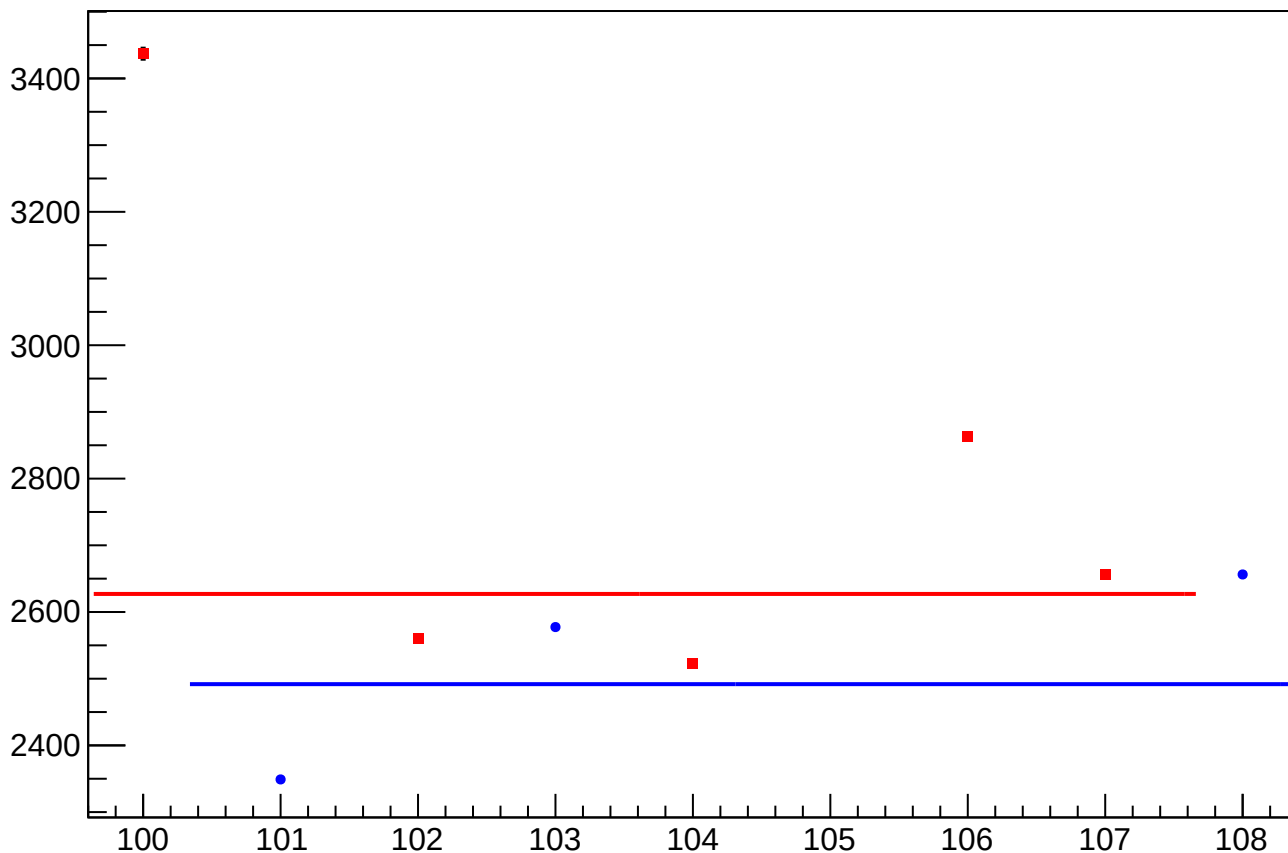
Right: -319.245+/-1379.442 χ^2/NDF : 5.8/7

In: -1284.478+/-1939.406 χ^2/NDF : 2.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -319.245+/-1379.442 χ^2/NDF : 5.8/7

asym_sam_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2491.821+/-1.371 χ^2/NDF : 9211.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2627.083+/-1.388 χ^2/NDF : 15112.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

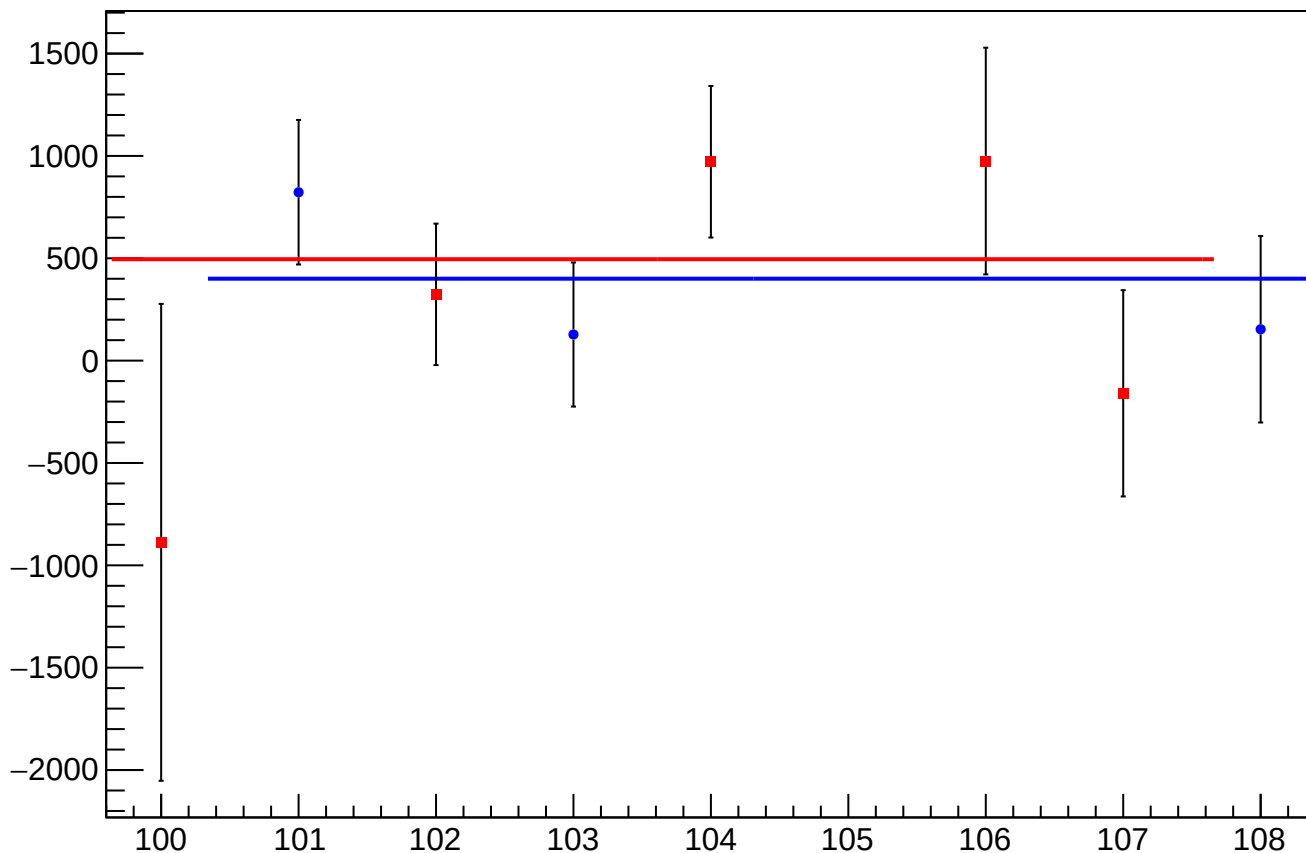
Right: 2558.653+/-0.975 χ^2/NDF : 29130.1/7

In: 2491.821+/-1.371 χ^2/NDF : 9211.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2558.653+/-0.975 χ^2/NDF : 29130.1/7

eigen_dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 400.300+/-218.636 χ^2/NDF : 2.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 495.450+/-205.771 χ^2/NDF : 5.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

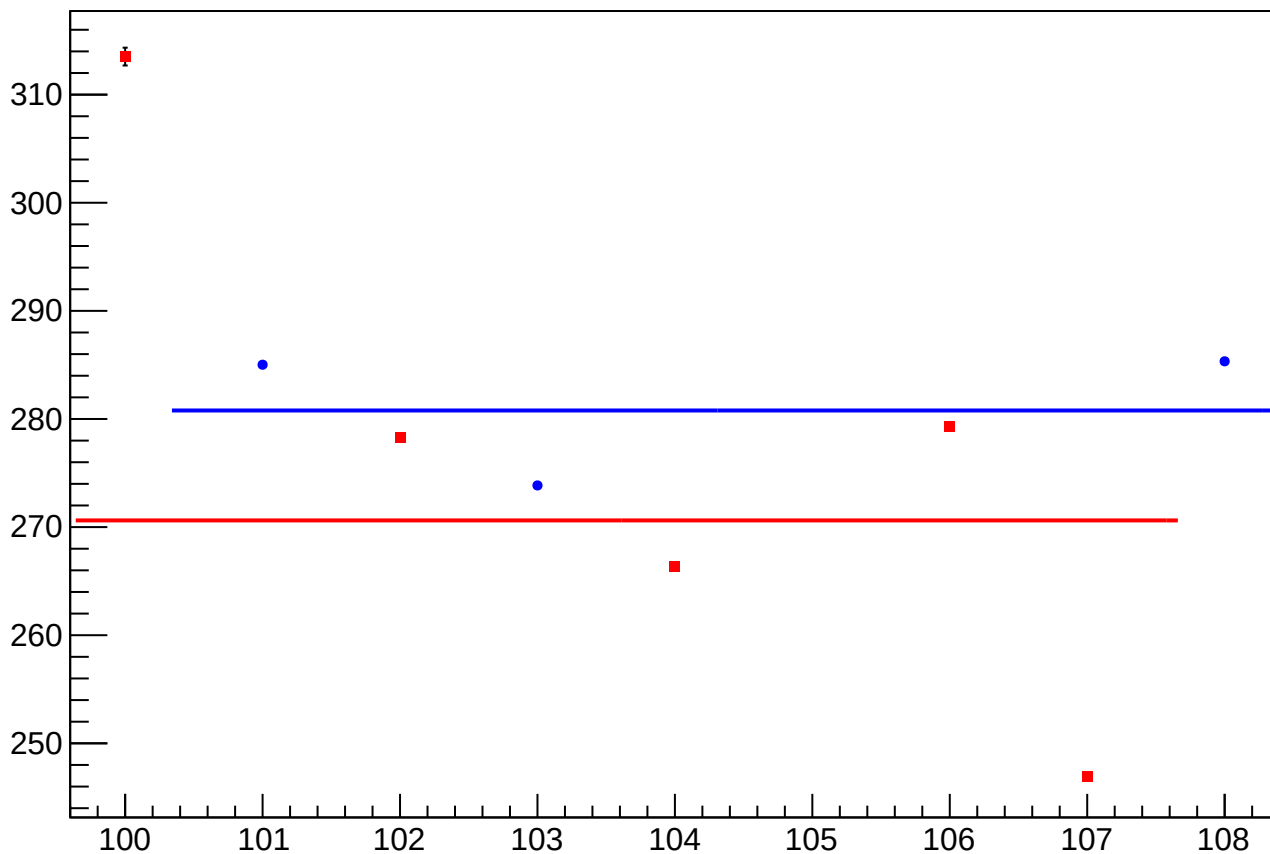
Right: 450.757+/-149.844 χ^2/NDF : 8.2/7

In: 400.300+/-218.636 χ^2/NDF : 2.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 450.757+/-149.844 χ^2/NDF : 8.2/7

eigen_dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 280.786+/-0.155 χ^2/NDF : 1262.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 270.618+/-0.146 χ^2/NDF : 8895.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

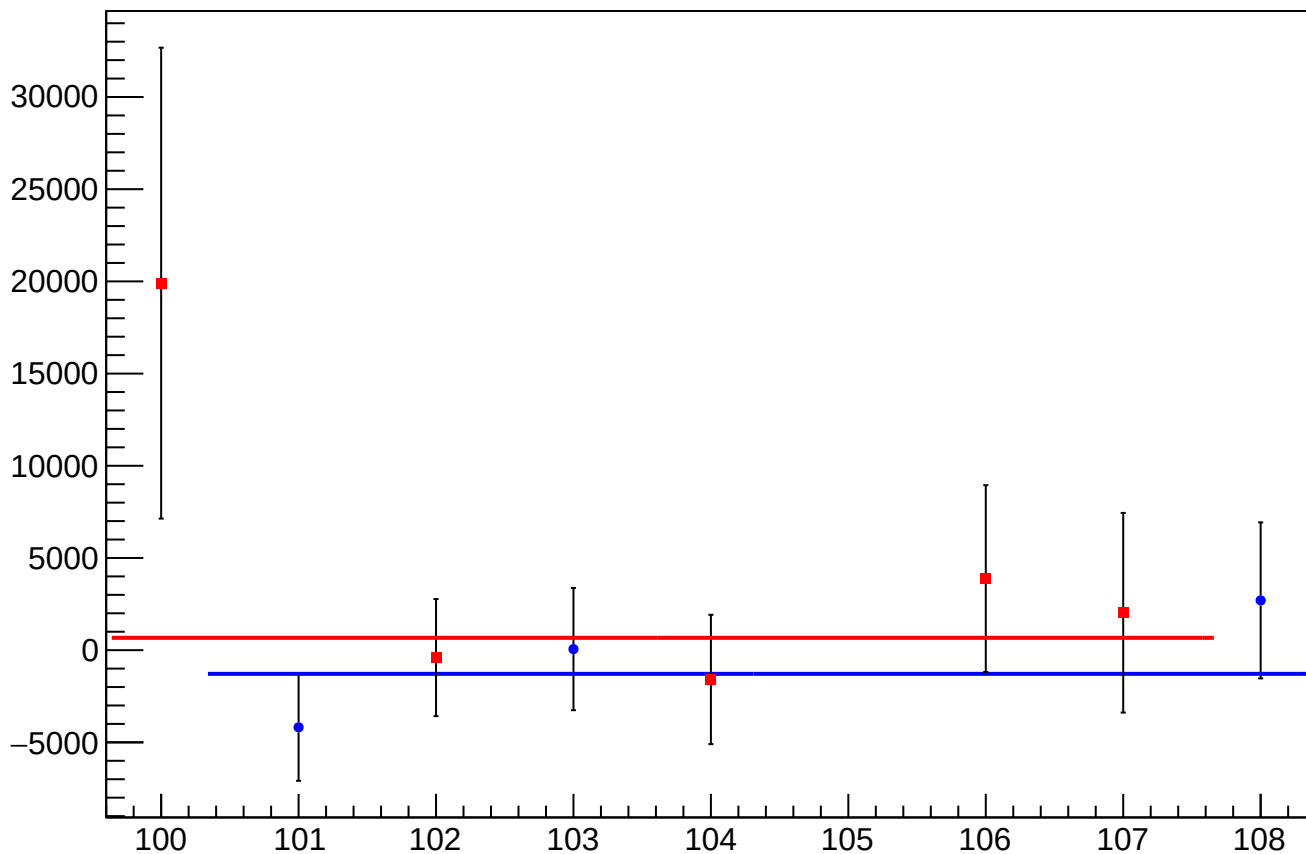
Right: 275.394+/-0.106 χ^2/NDF : 12452.8/7

In: 280.786+/-0.155 χ^2/NDF : 1262.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 275.394+/-0.106 χ^2/NDF : 12452.8/7

asym_sam_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1284.478+/-1939.403 χ^2/NDF : 2.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 669.055+/-1962.445 χ^2/NDF : 3.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

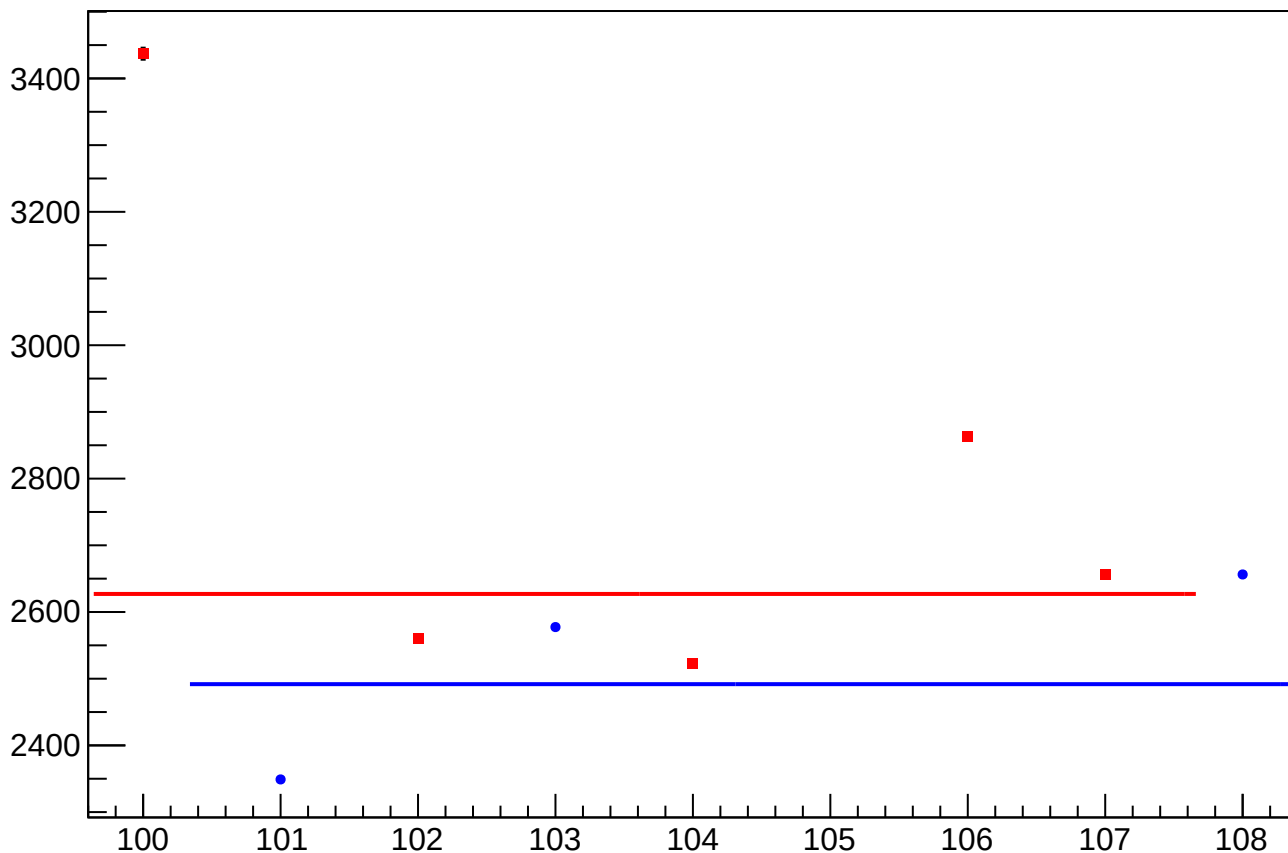
Right: -319.248+/-1379.439 χ^2/NDF : 5.8/7

In: -1284.478+/-1939.403 χ^2/NDF : 2.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -319.248+/-1379.439 χ^2/NDF : 5.8/7

asym_sam_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2491.817 $\pm$ 1.371 χ^2 /NDF: 9210.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2627.076 $\pm$ 1.388 χ^2 /NDF: 15112.8/4

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

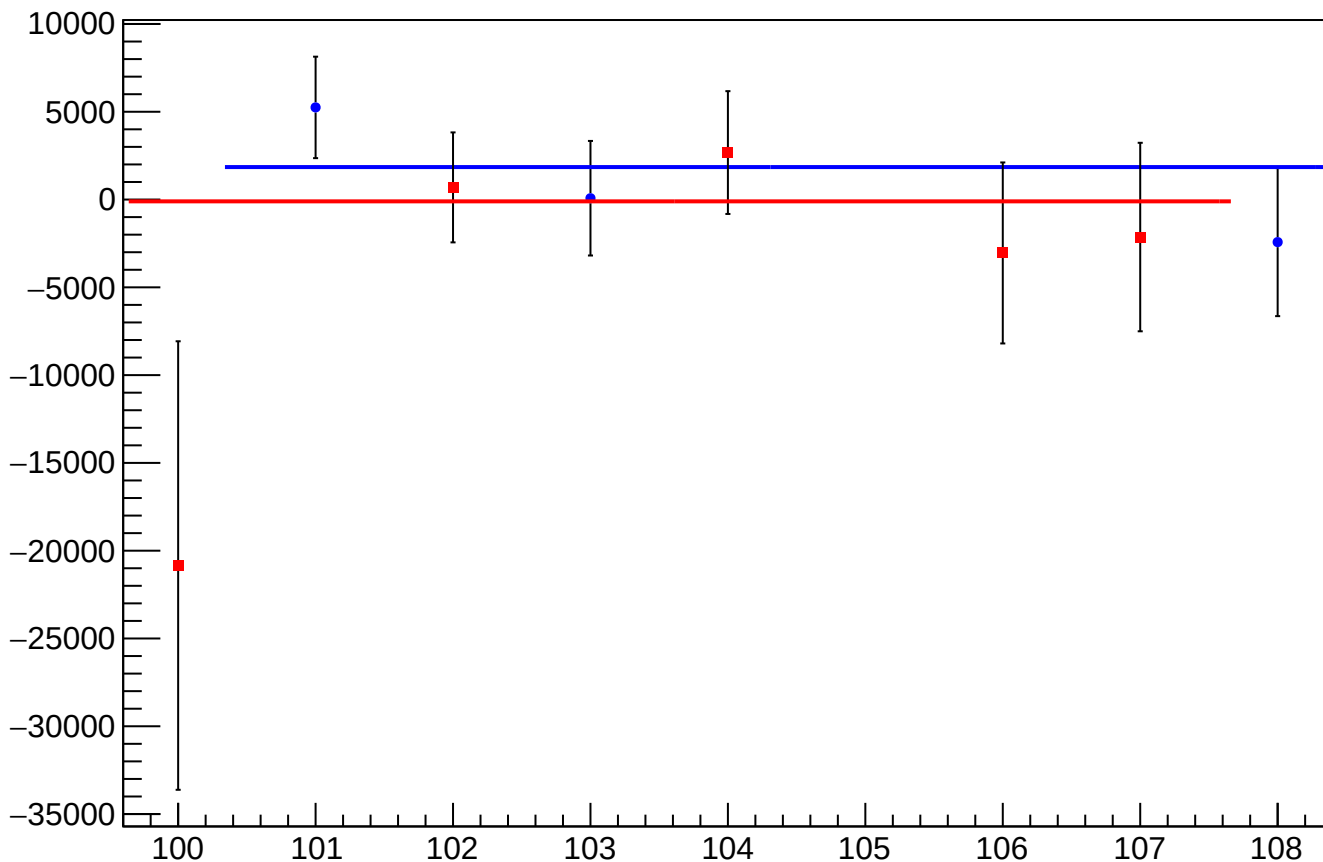
Right: 2558.648 $\pm$ 0.975 χ^2 /NDF: 29130.1/7

In: 2491.817 $\pm$ 1.371 χ^2 /NDF:9210.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2558.648 $\pm$ 0.975 χ^2 /NDF: 29130.1/7

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1850.022+/-1924.764 χ^2 /NDF: 2.7/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -102.648+/-1952.927 χ^2 /NDF: 3.8/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

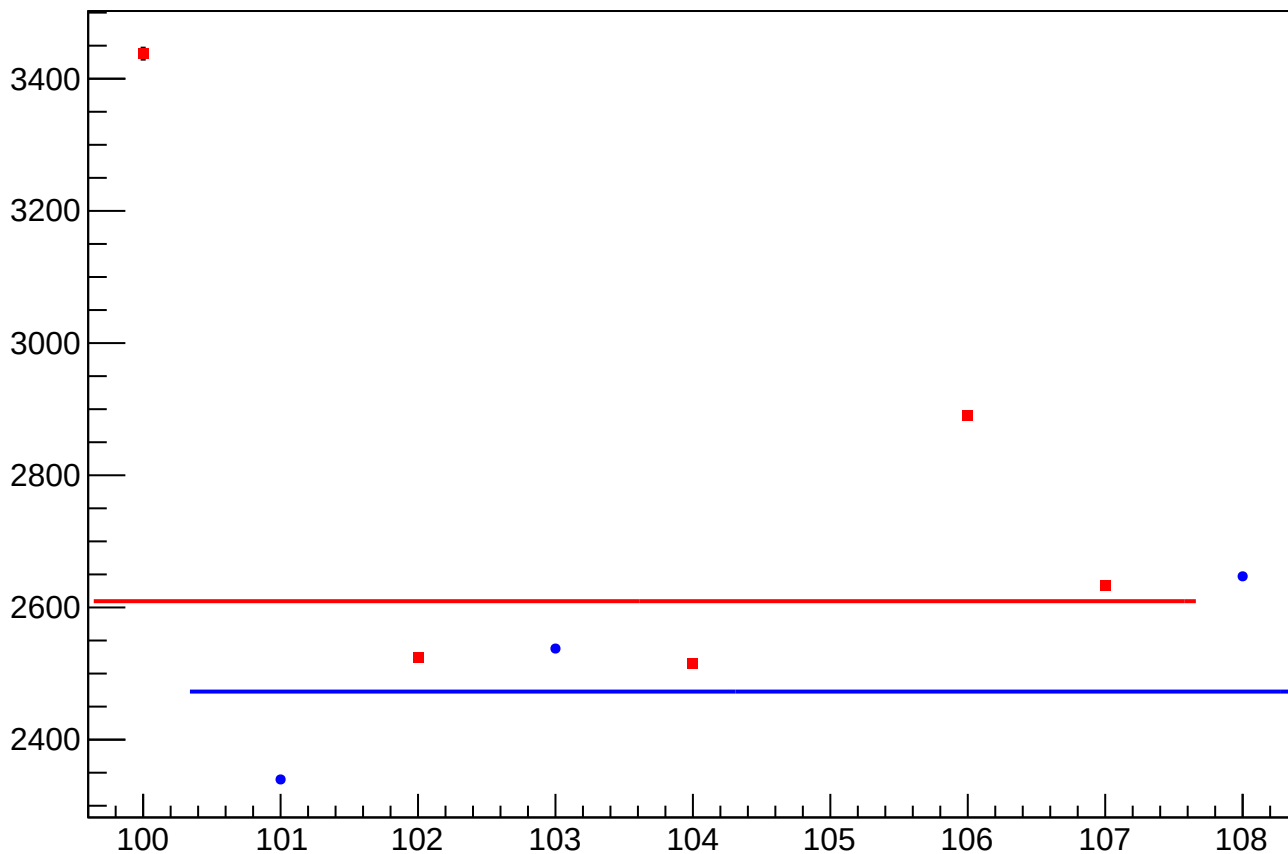
Right: 887.868+/-1370.862 χ^2 /NDF: 7.0/7

In: 1850.022+/-1924.764 χ^2 /NDF:2.7/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 887.868+/-1370.862 χ^2 /NDF: 7.0/7

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2472.737+/-1.361 χ^2/NDF : 8450.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2609.497+/-1.381 χ^2/NDF : 17350.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

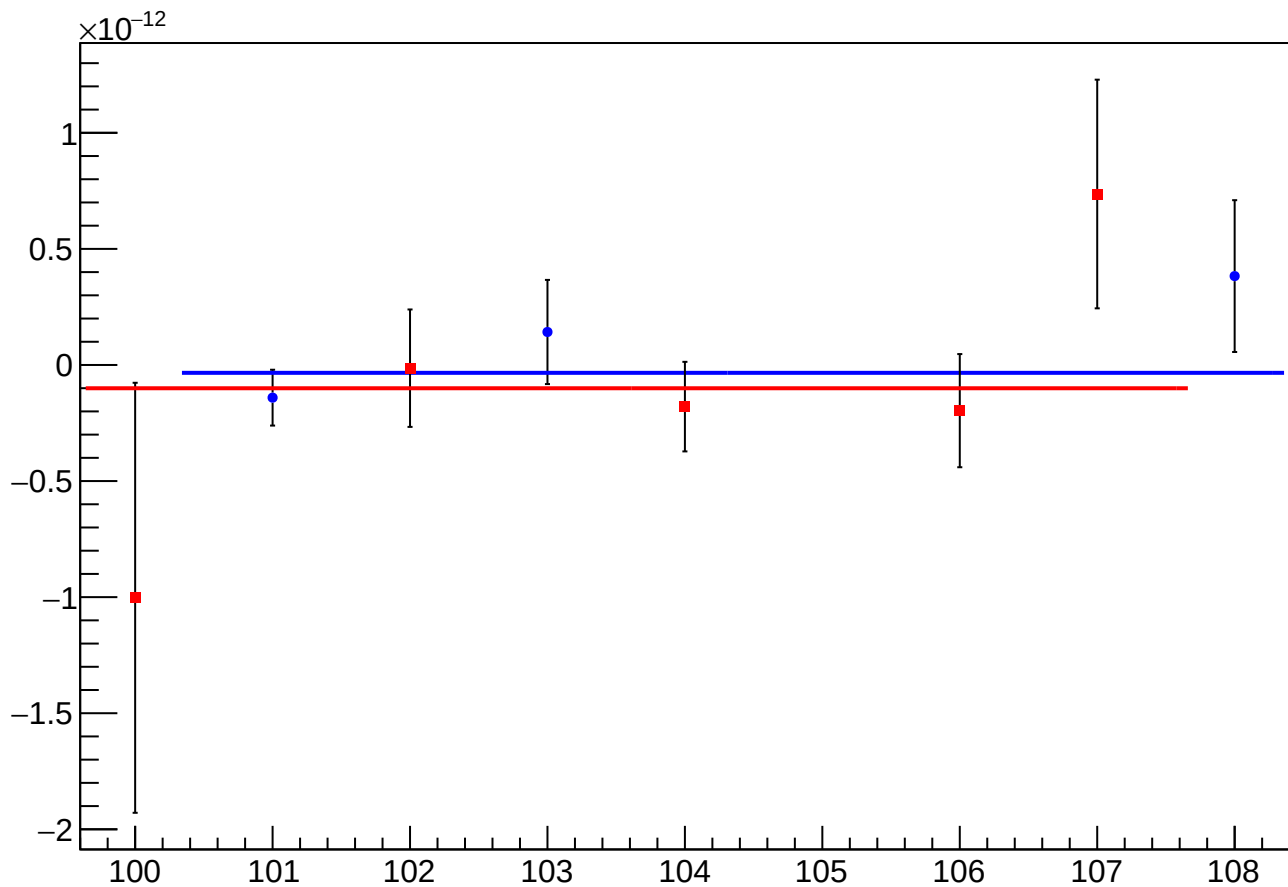
Right: 2540.124+/-0.969 χ^2/NDF : 30775.9/7

In: 2472.737+/-1.361 χ^2/NDF : 8450.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2540.124+/-0.969 χ^2/NDF : 30775.9/7

asym_sam_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

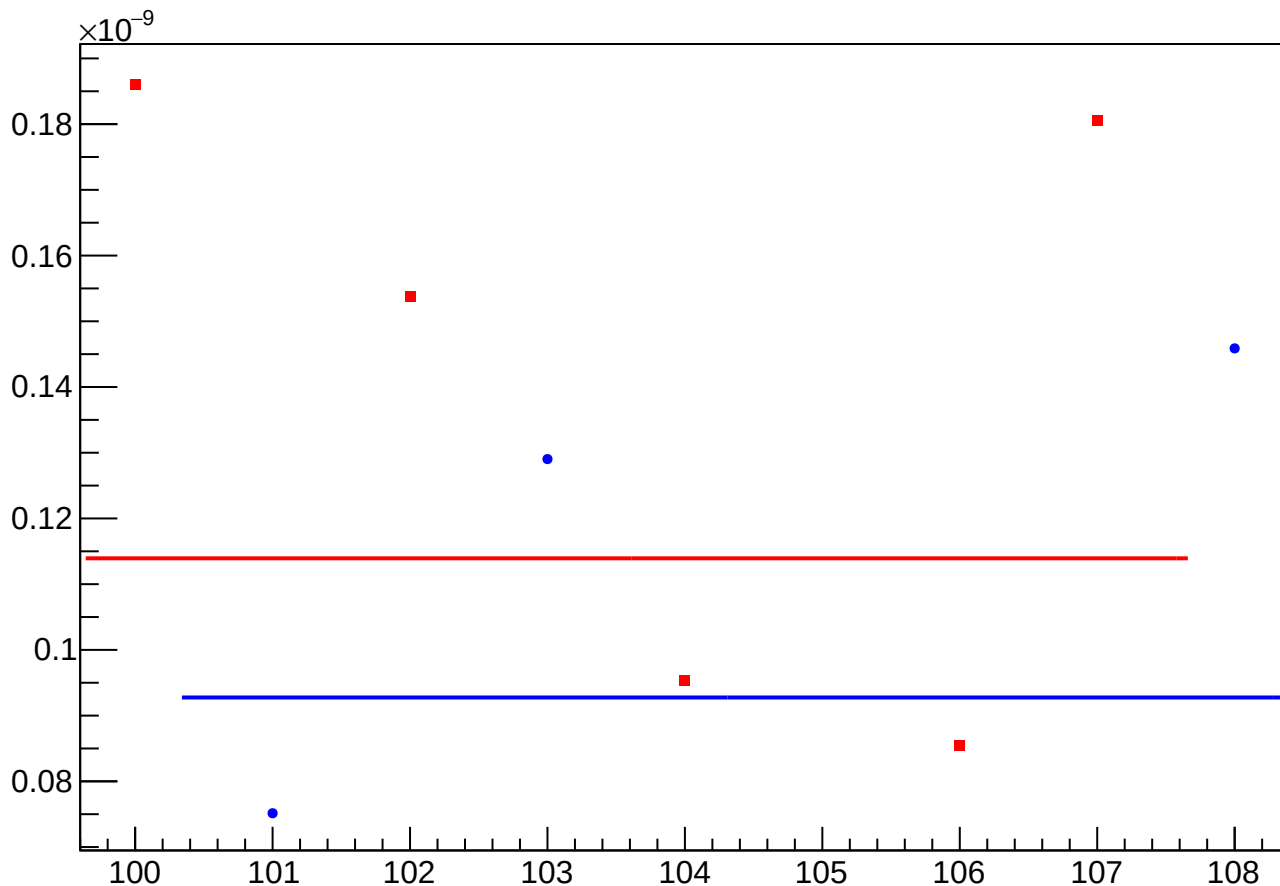
Right: -0.000+/-0.000 χ^2/NDF : 7.5/7

In: -0.000+/-0.000 χ^2/NDF : 3.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.5/7

asym_sam_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 147993.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 144342.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

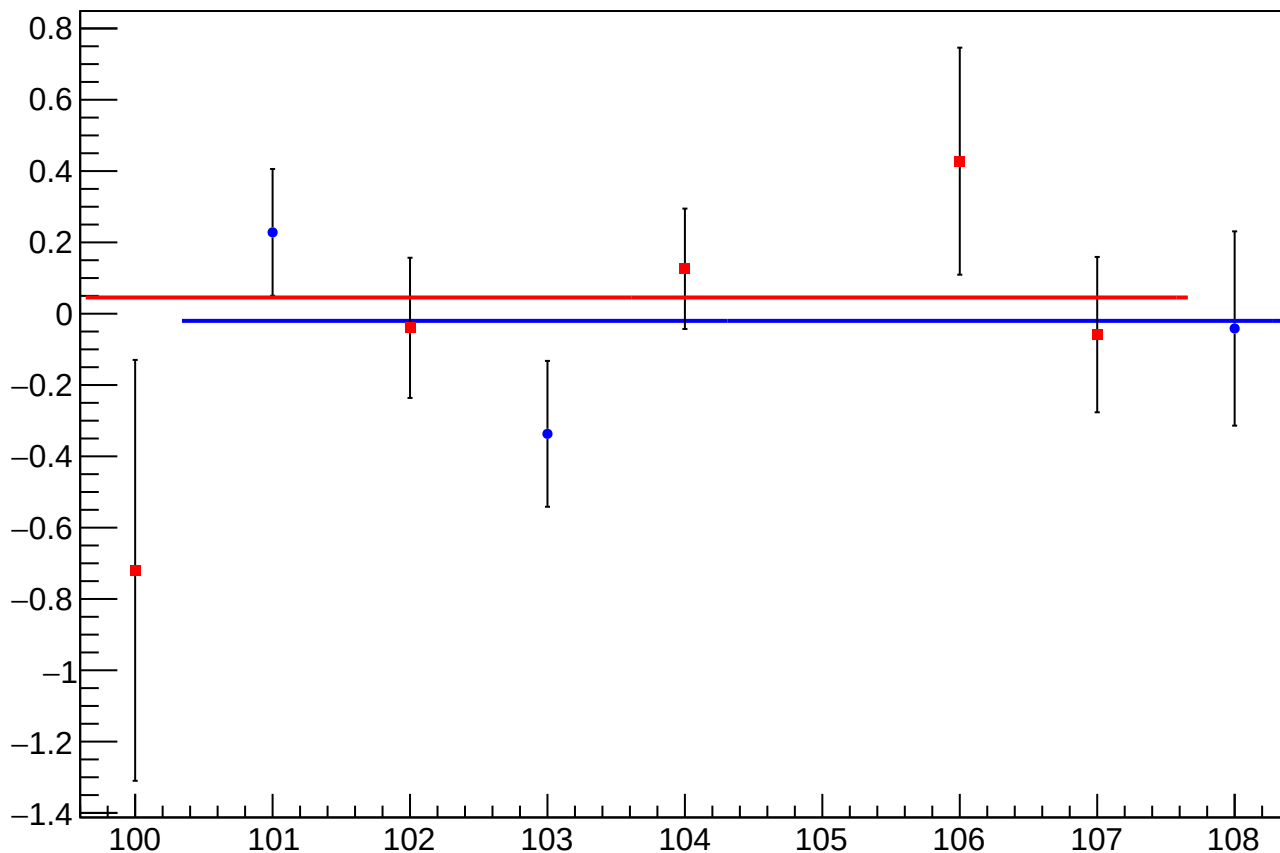
Right: 0.000+/-0.000 χ^2/NDF : 327313.8/7

In: 0.000+/-0.000 χ^2/NDF : 147993.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 327313.8/7

asym_sam_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.120 $\chi^2/\text{NDF}: 4.4/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.046 ± 0.103 $\chi^2/\text{NDF}: 3.8/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

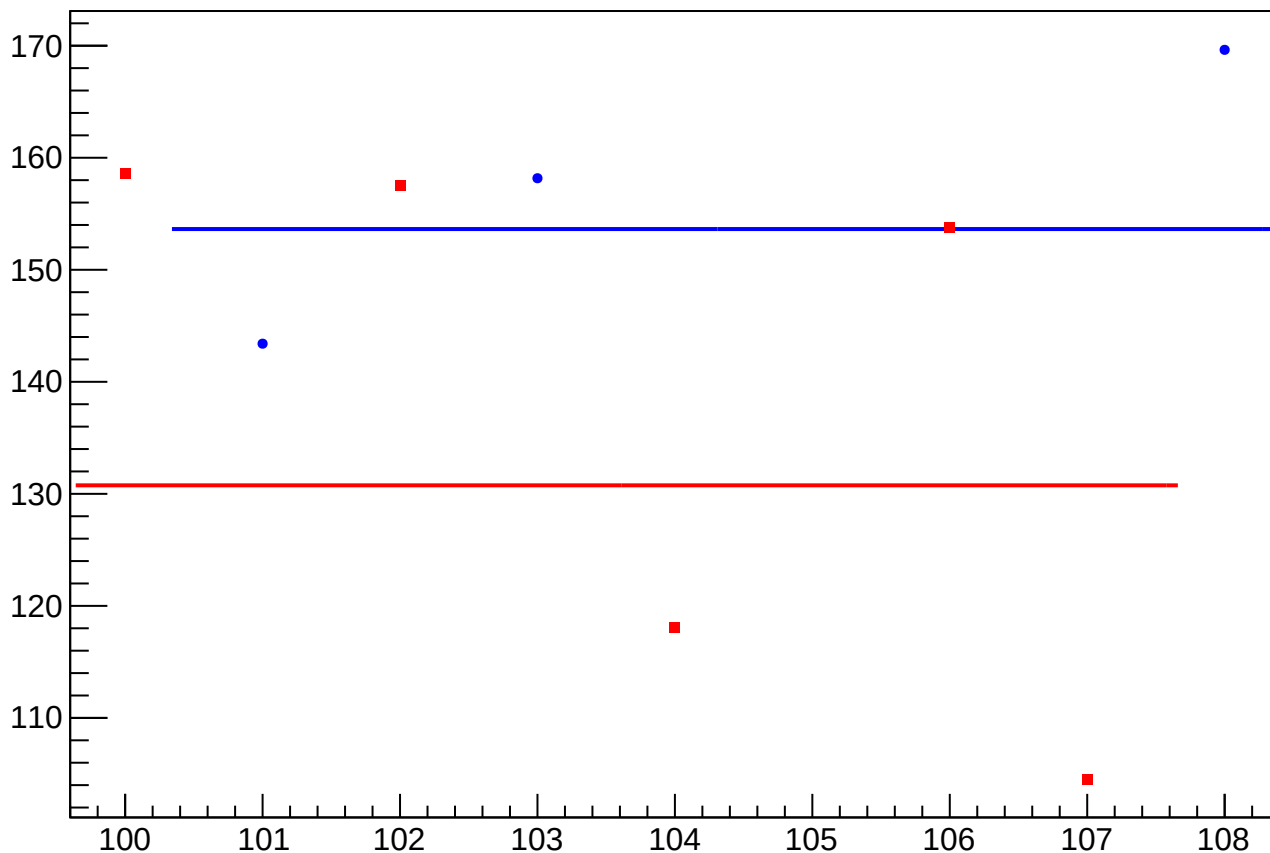
Right: 0.018 ± 0.078 $\chi^2/\text{NDF}: 8.3/7$

In: -0.020 ± 0.120 $\chi^2/\text{NDF}: 4.4/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.018 ± 0.078 $\chi^2/\text{NDF}: 8.3/7$

asym_sam_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 153.636+/-0.085 χ^2/NDF : 14508.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.760+/-0.073 χ^2/NDF : 92166.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

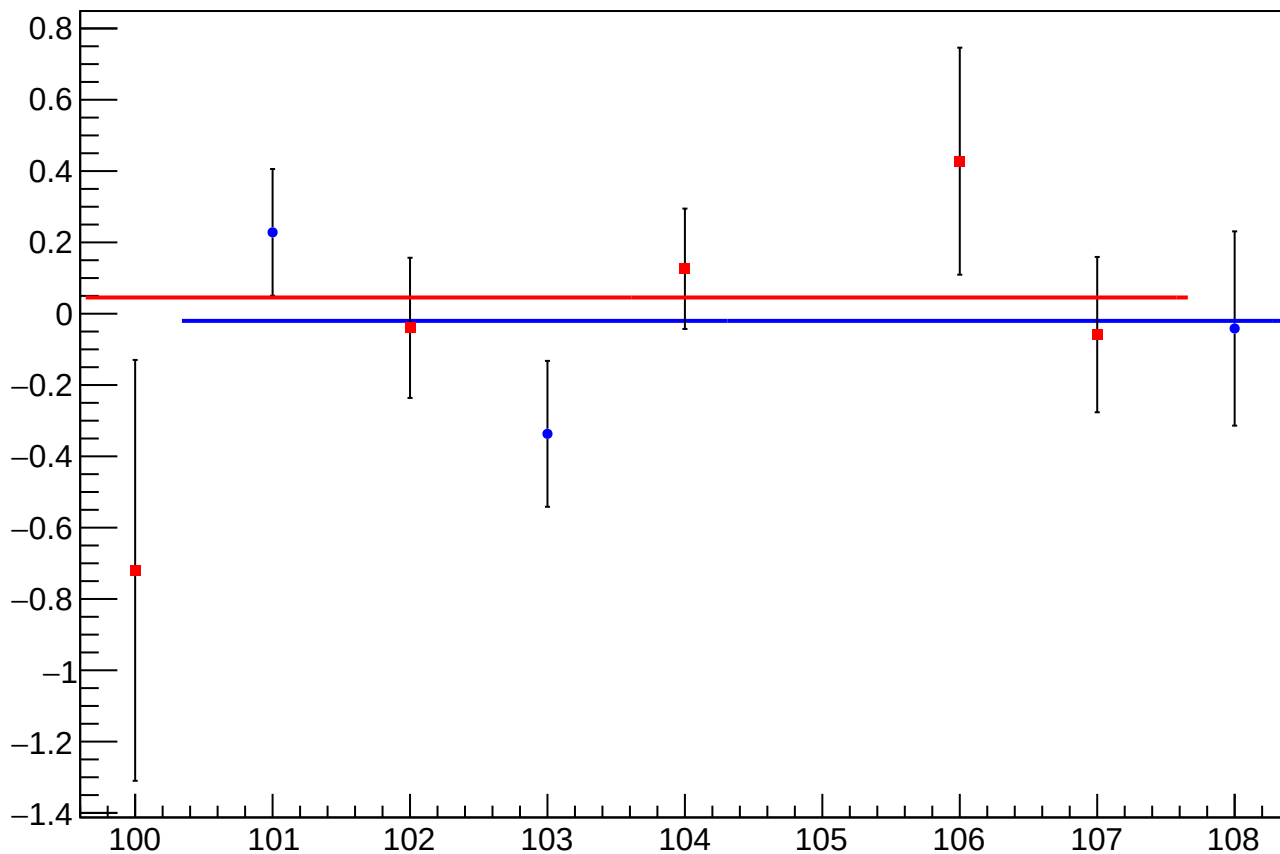
Right: 140.398+/-0.055 χ^2/NDF : 148483.0/7

In: 153.636+/-0.085 χ^2/NDF : 14508.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.398+/-0.055 χ^2/NDF : 148483.0/7

asym_sam_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.120 χ^2/NDF : 4.4/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.046+/-0.103 χ^2/NDF : 3.8/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

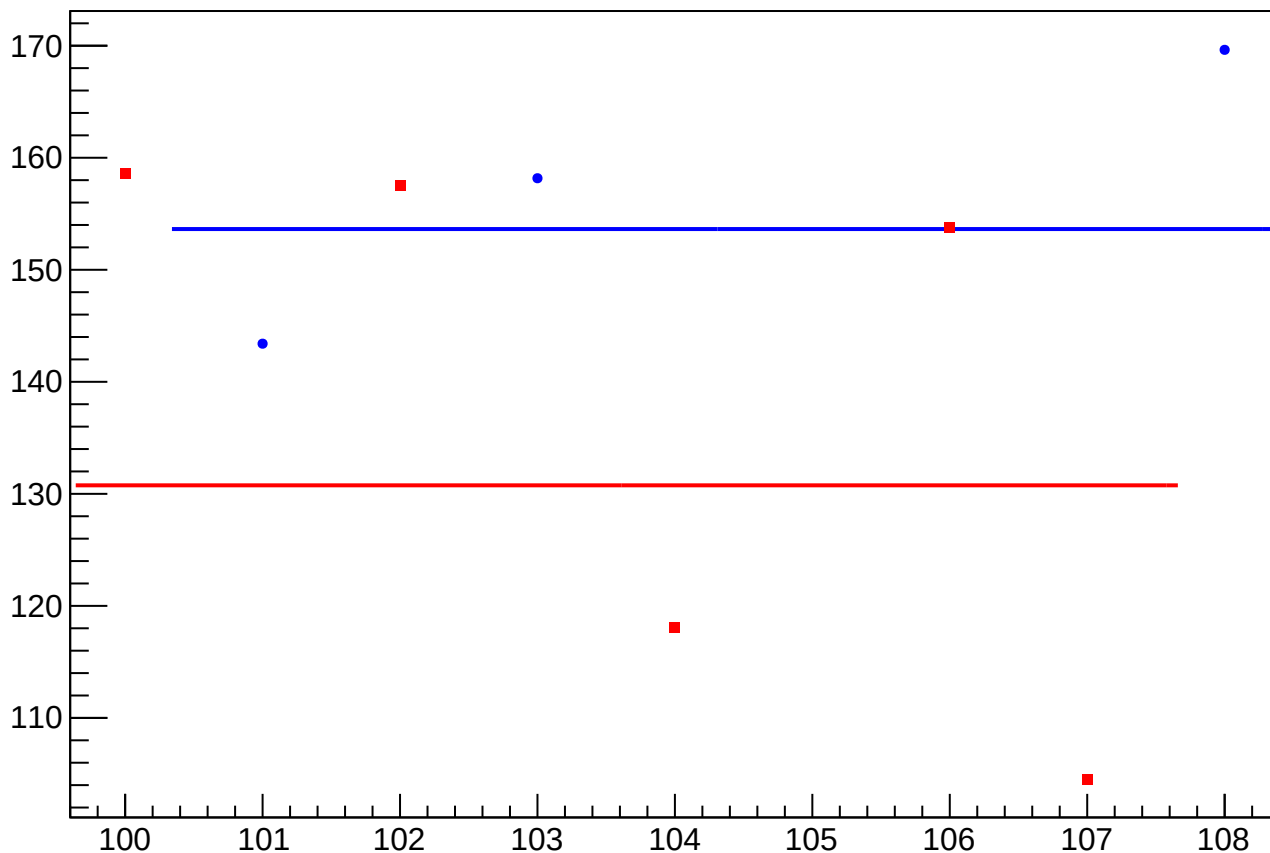
Right: 0.018+/-0.078 χ^2/NDF : 8.3/7

In: -0.020+/-0.120 χ^2/NDF :4.4/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.018+/-0.078 χ^2/NDF : 8.3/7

asym_sam_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 153.636+/-0.085 χ^2/NDF : 14508.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.760+/-0.073 χ^2/NDF : 92166.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

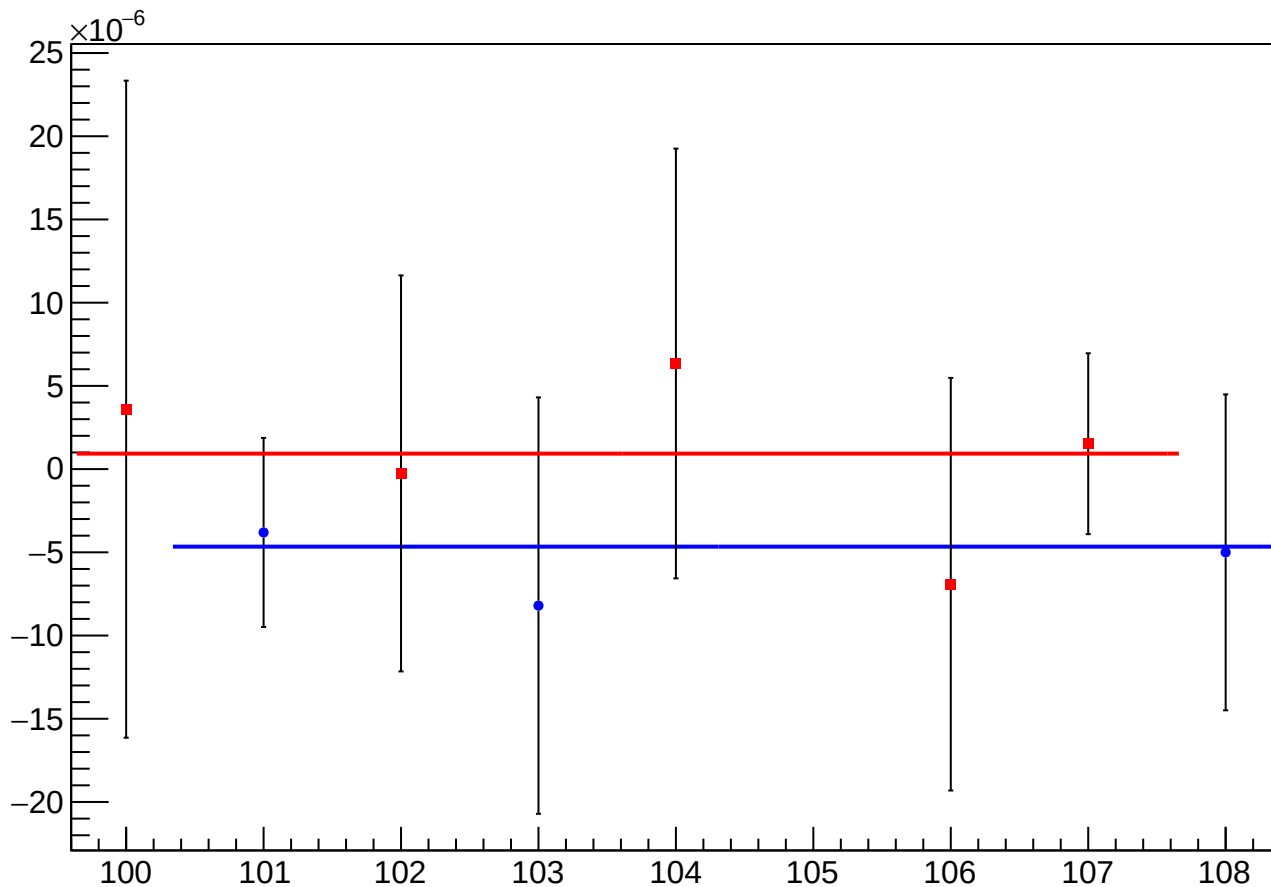
Right: 140.398+/-0.055 χ^2/NDF : 148483.0/7

In: 153.636+/-0.085 χ^2/NDF : 14508.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.398+/-0.055 χ^2/NDF : 148483.0/7

asym_sam_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

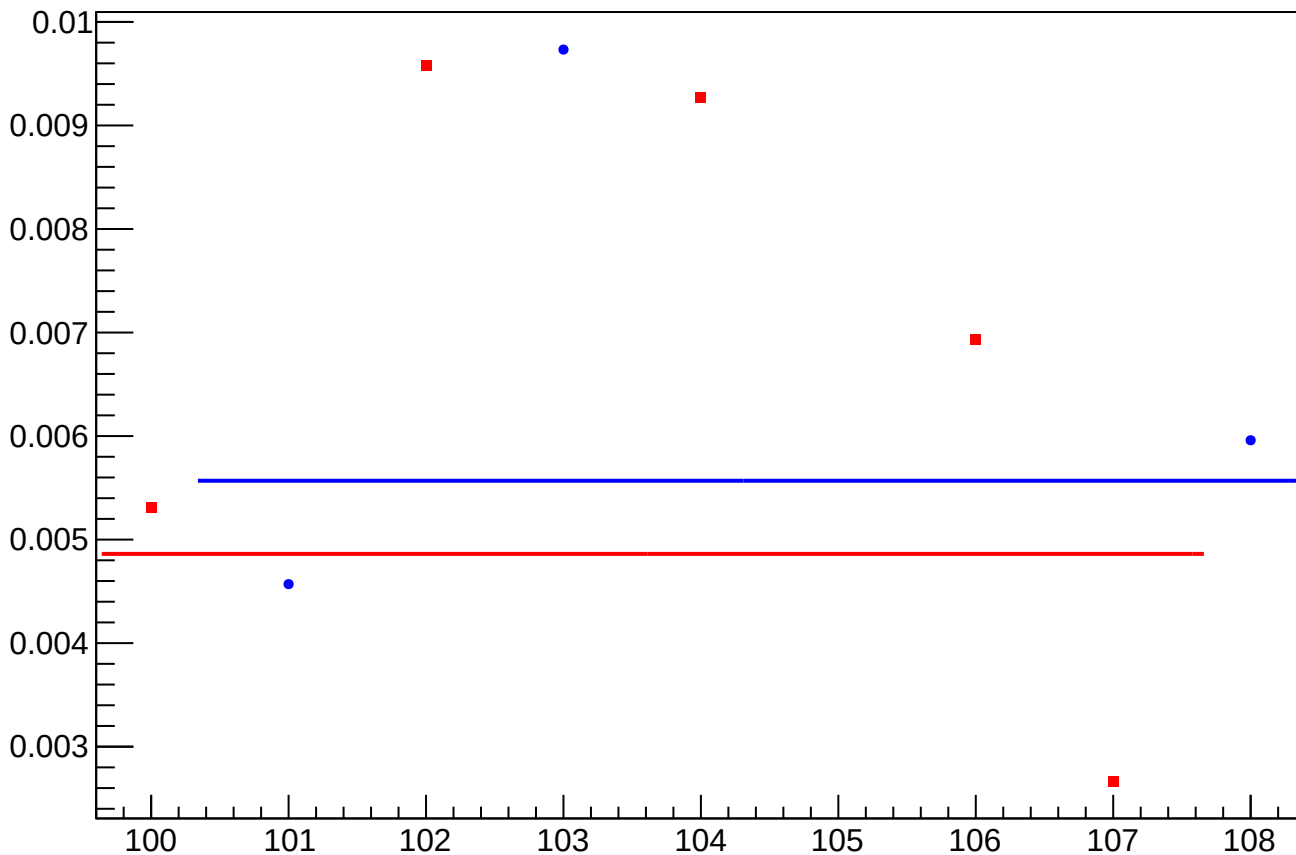
Right: -0.000+/-0.000 χ^2/NDF : 1.5/7

In: -0.000+/-0.000 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1.5/7

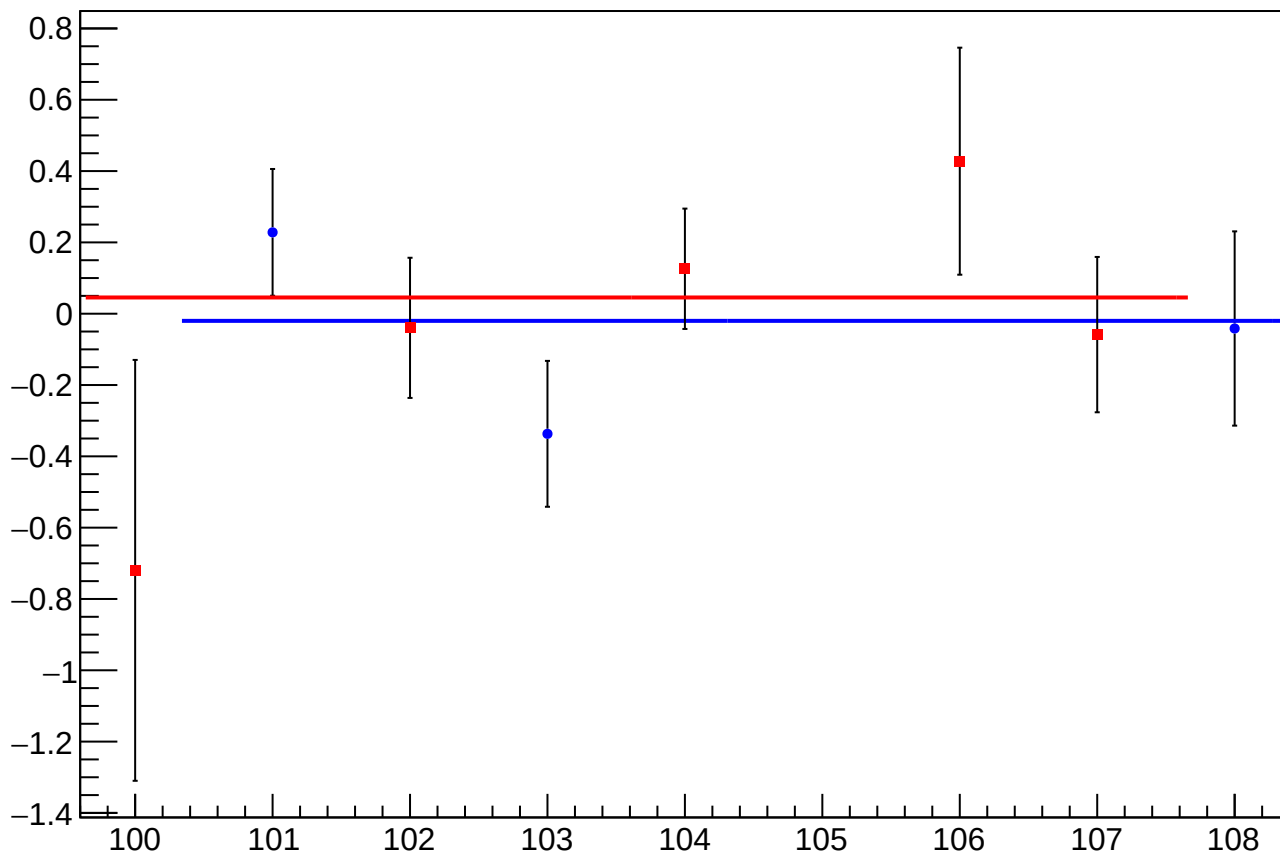
asym_sam_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 286825.6/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.005+/-0.000 χ^2/NDF : 931800.6/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.005+/-0.000 χ^2/NDF : 1244573.2/7
 In: 0.006+/-0.000 χ^2/NDF : 286825.6/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.005+/-0.000 χ^2/NDF : 1244573.2/7

asym_sam_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.120 χ^2/NDF : 4.4/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.046+/-0.103 χ^2/NDF : 3.8/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

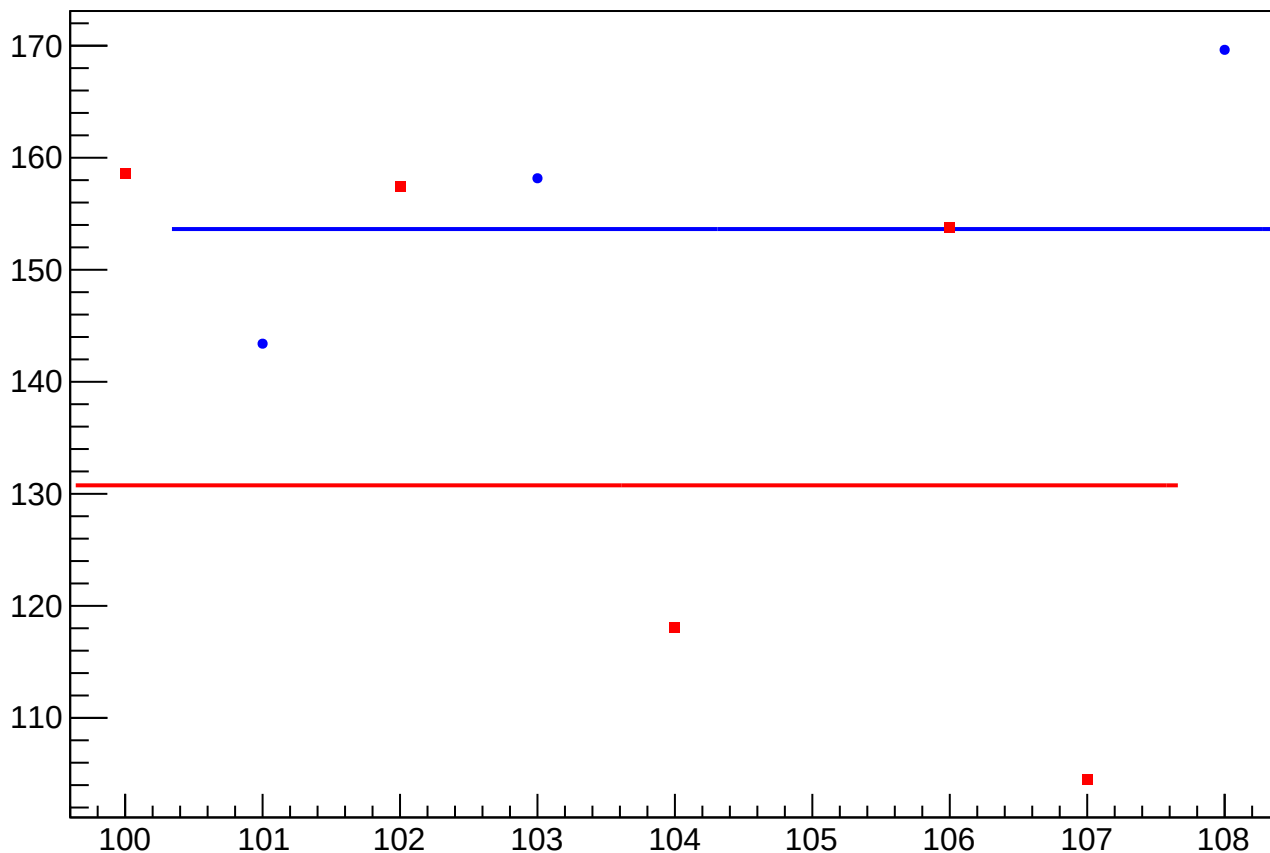
Right: 0.018+/-0.078 χ^2/NDF : 8.3/7

In: -0.020+/-0.120 χ^2/NDF :4.4/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.018+/-0.078 χ^2/NDF : 8.3/7

asym_sam_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 153.635+/-0.085 χ^2/NDF : 14507.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.759+/-0.073 χ^2/NDF : 92166.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

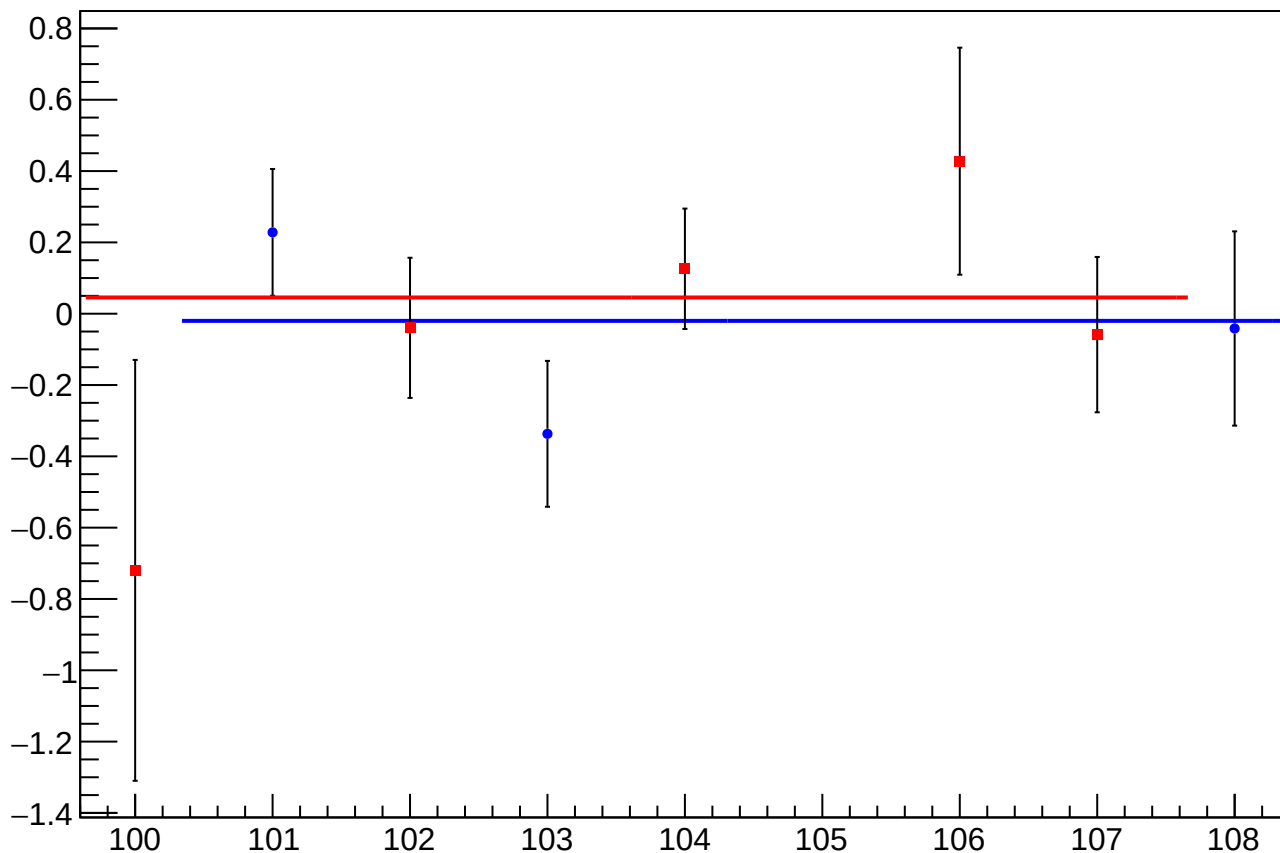
Right: 140.396+/-0.055 χ^2/NDF : 148484.1/7

In: 153.635+/-0.085 χ^2/NDF : 14507.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.396+/-0.055 χ^2/NDF : 148484.1/7

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.120 χ^2/NDF : 4.4/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.046+/-0.103 χ^2/NDF : 3.8/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

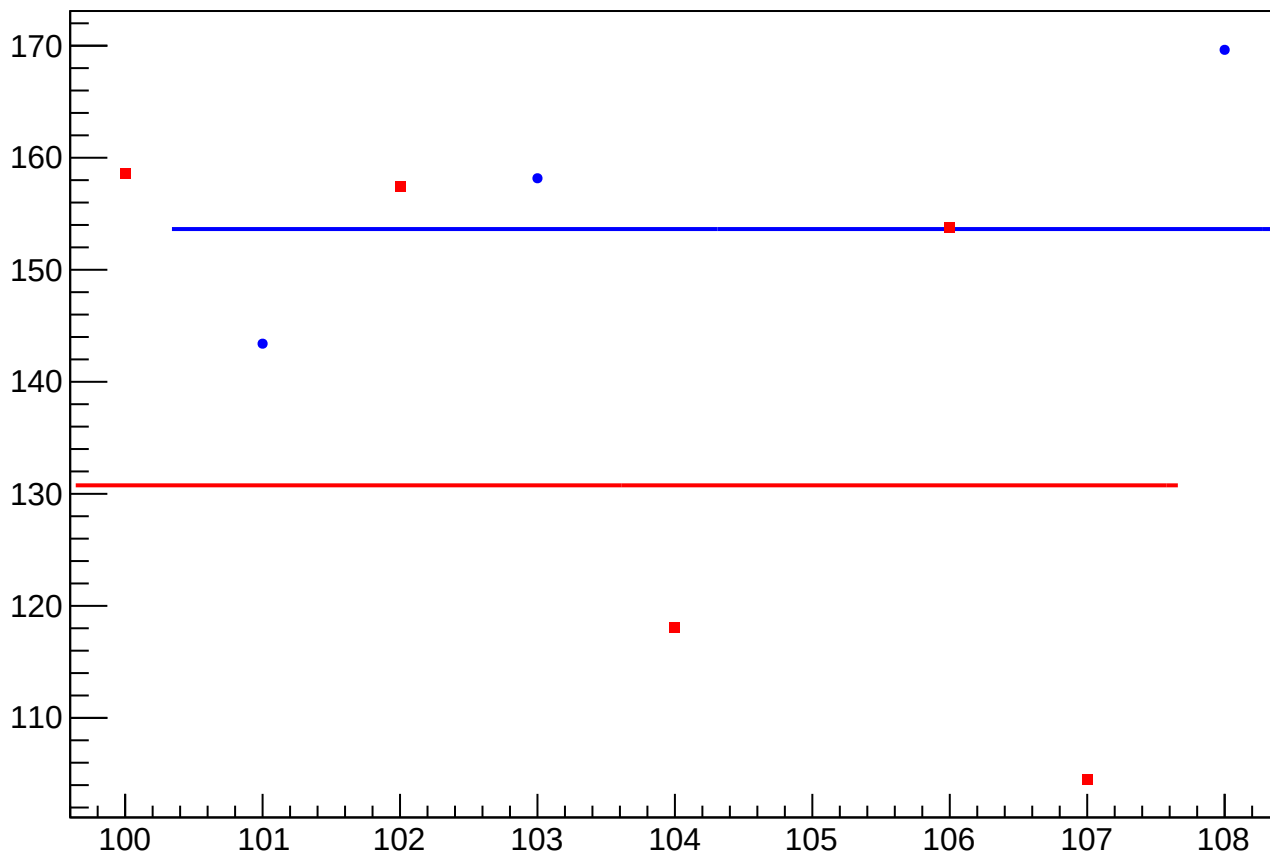
Right: 0.018+/-0.078 χ^2/NDF : 8.3/7

In: -0.020+/-0.120 χ^2/NDF :4.4/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.018+/-0.078 χ^2/NDF : 8.3/7

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 153.635 $\pm$ 0.085 χ^2 /NDF: 14507.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 130.759 $\pm$ 0.073 χ^2 /NDF: 92166.6/4

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

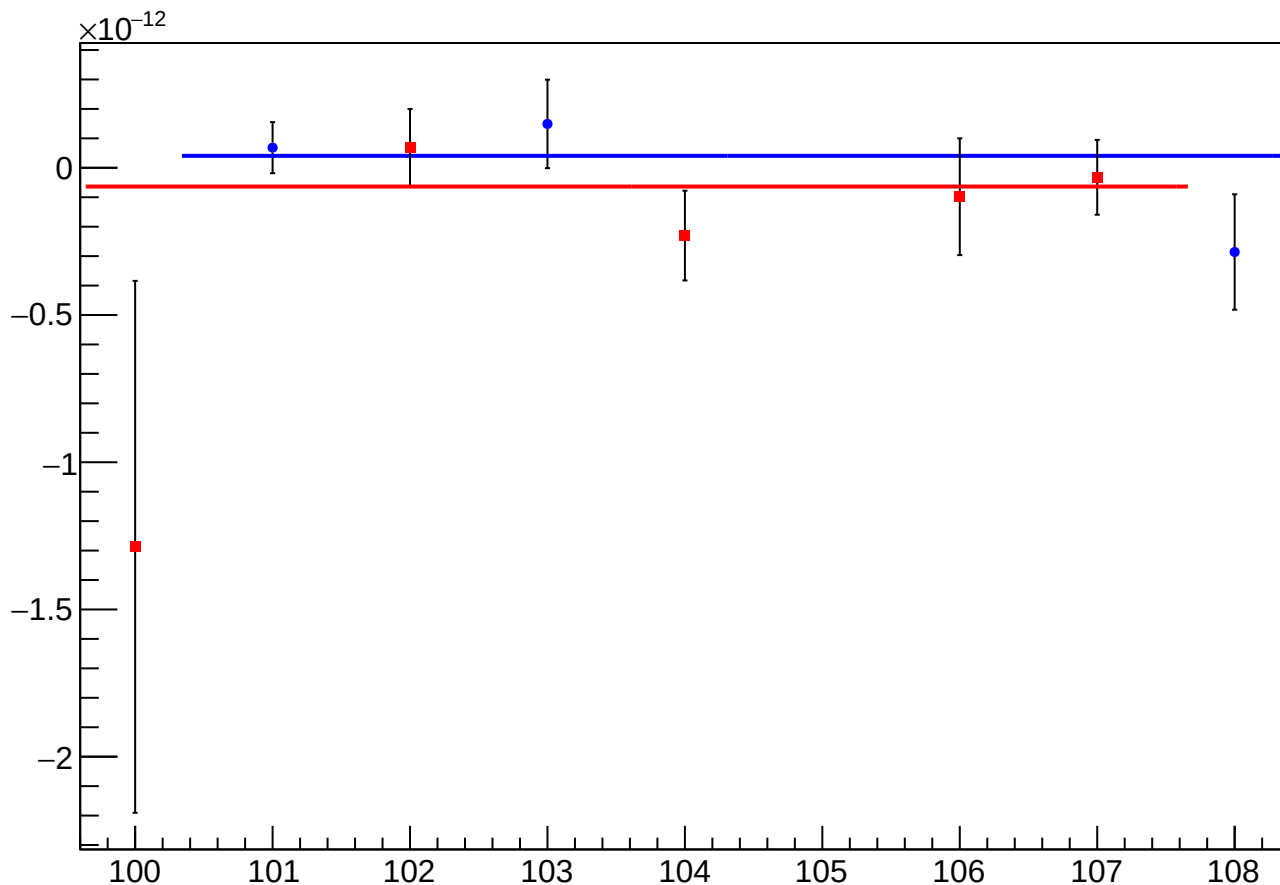
Right: 140.396 $\pm$ 0.055 χ^2 /NDF: 148484.1/7

In: 153.635 $\pm$ 0.085 χ^2 /NDF:14507.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 140.396 $\pm$ 0.055 χ^2 /NDF: 148484.1/7

asym_sam_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.1/4

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

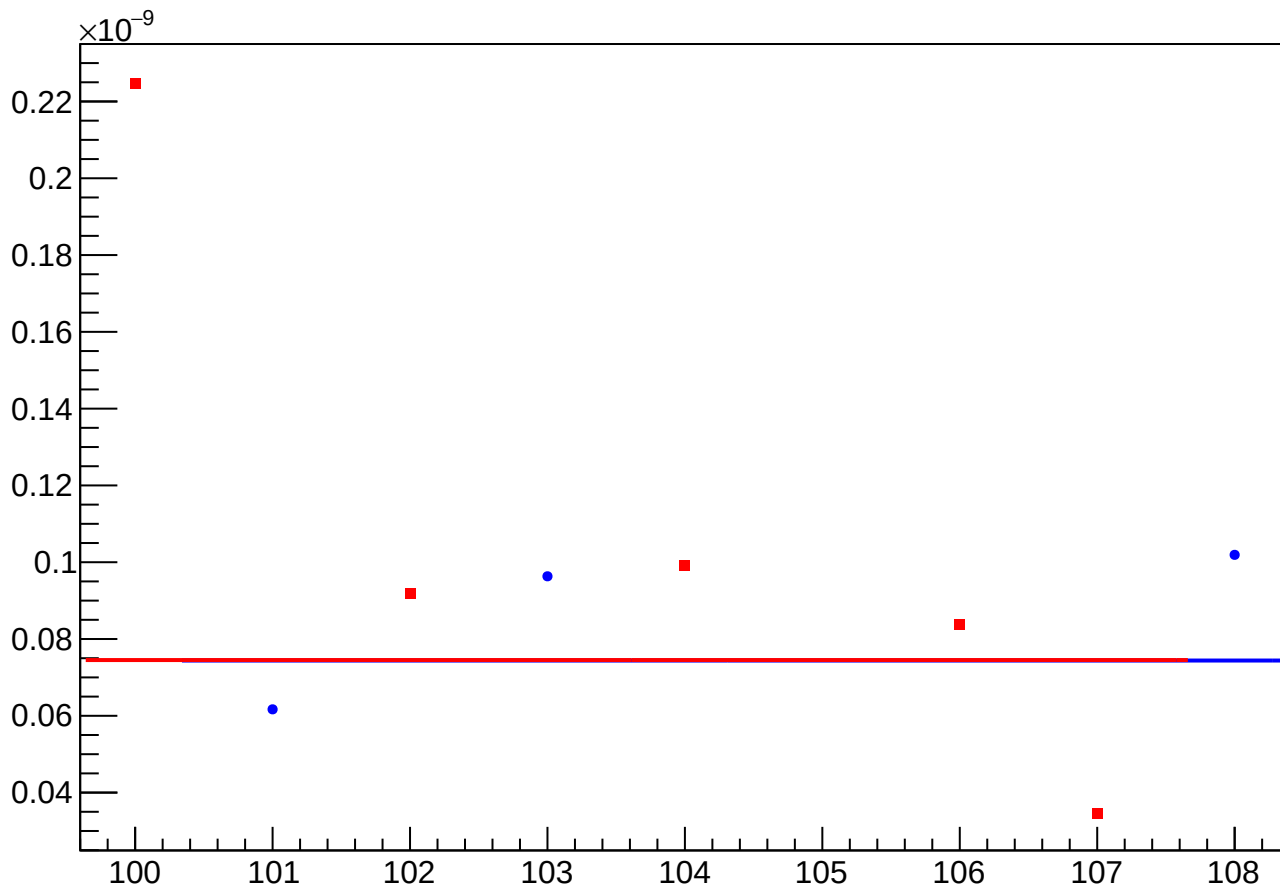
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.6/7

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.6/7

asym_sam_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 124941.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 343774.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

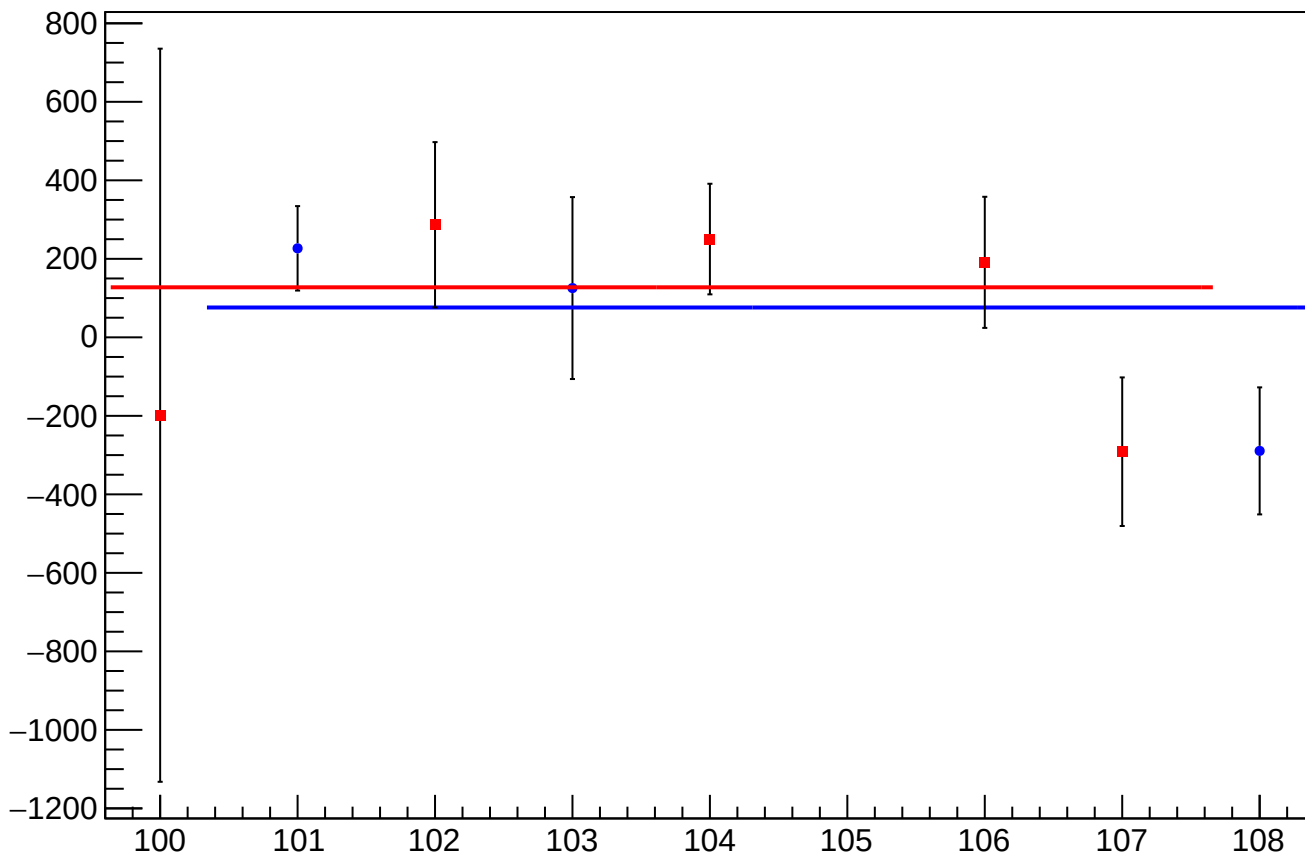
Right: 0.000+/-0.000 χ^2/NDF : 468719.6/7

In: 0.000+/-0.000 χ^2/NDF : 124941.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 468719.6/7

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 76.035+/-83.552 χ^2/NDF : 7.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.465+/-85.172 χ^2/NDF : 6.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

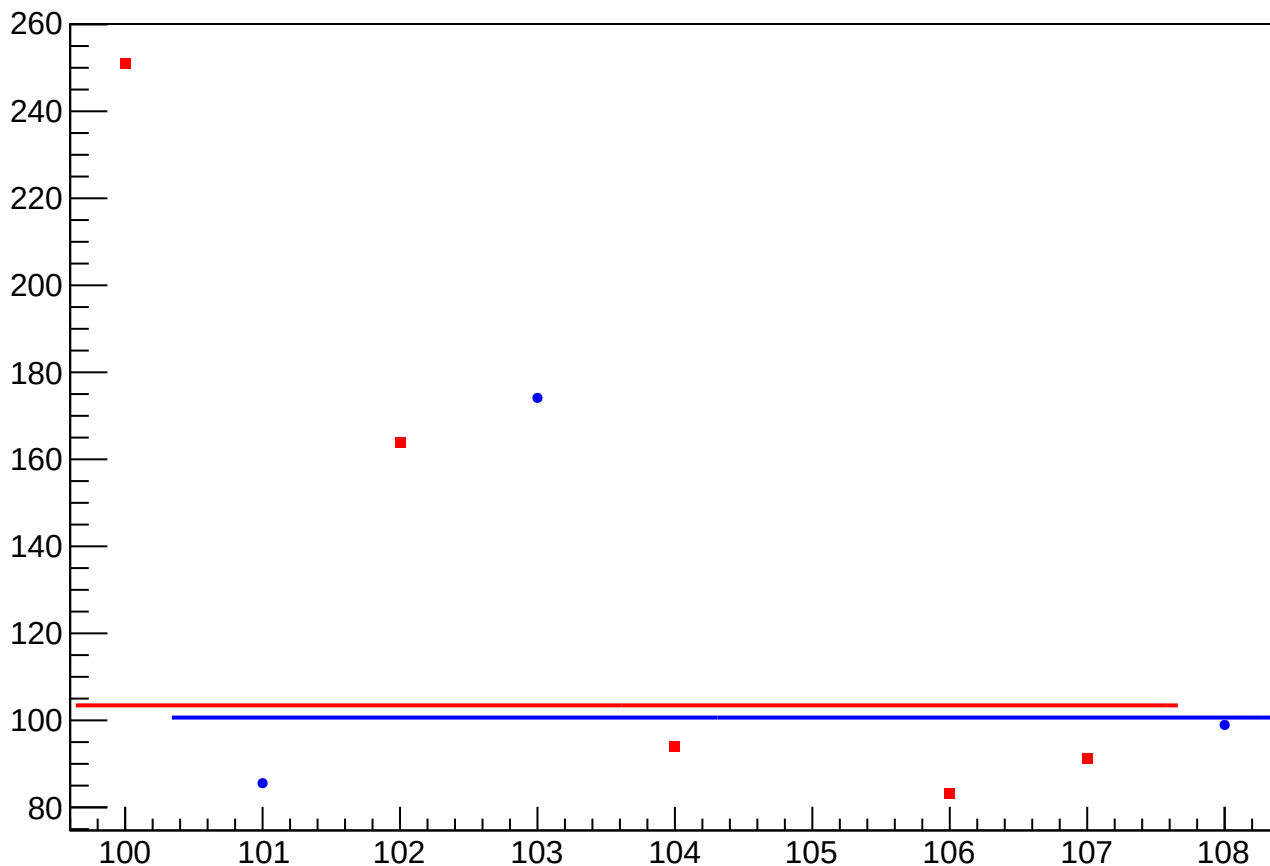
Right: 101.256+/-59.645 χ^2/NDF : 13.8/7

In: 76.035+/-83.552 χ^2/NDF : 7.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.256+/-59.645 χ^2/NDF : 13.8/7

reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 100.641 $\pm$ 0.059 χ^2 /NDF: 240641.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 103.439 $\pm$ 0.060 χ^2 /NDF: 261348.5/4

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

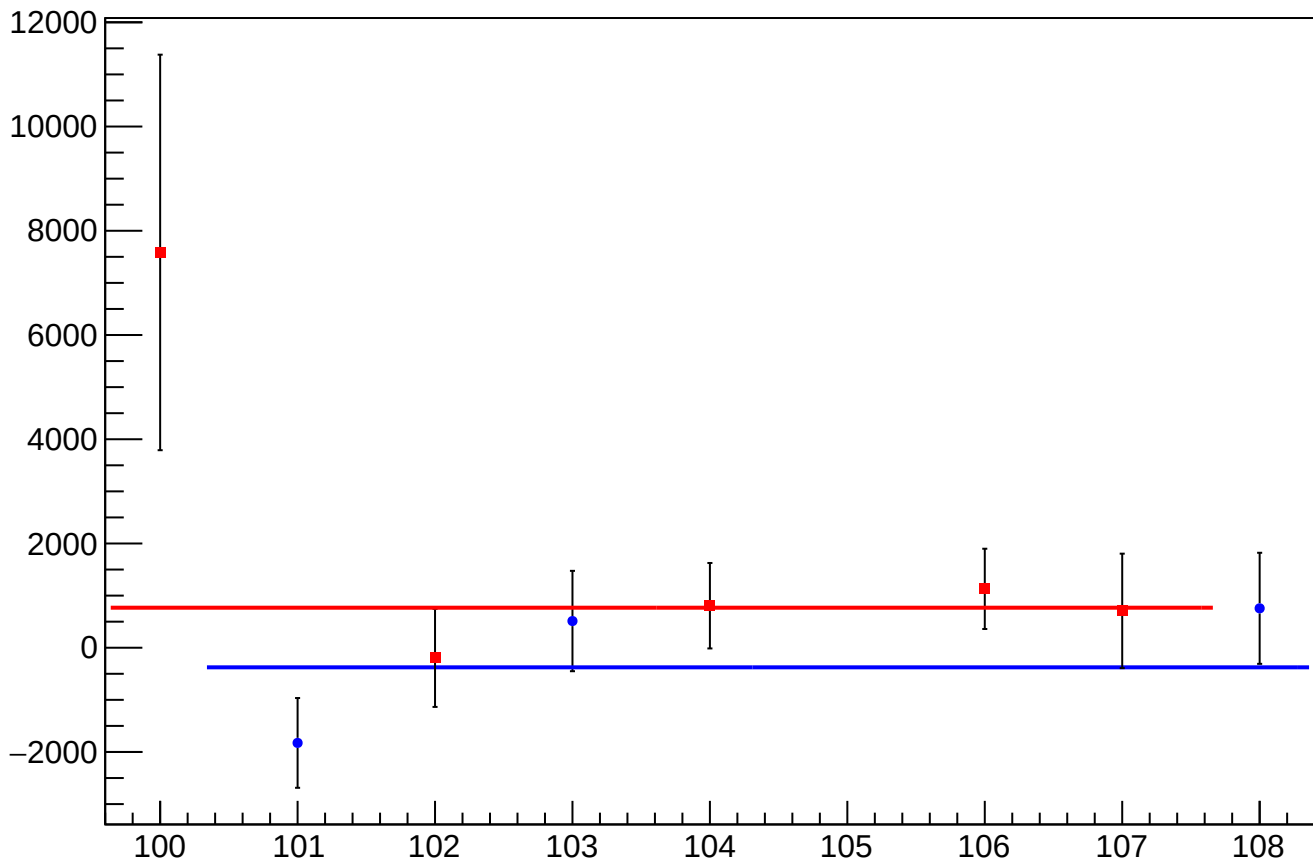
Right: 102.013 $\pm$ 0.042 χ^2 /NDF: 503090.3/7

In: 100.641 $\pm$ 0.059 χ^2 /NDF:240641.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 102.013 $\pm$ 0.042 χ^2 /NDF: 503090.3/7

asym_sam_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -376.081+/-549.821 χ^2/NDF : 4.8/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 767.983+/-438.347 χ^2/NDF : 4.5/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

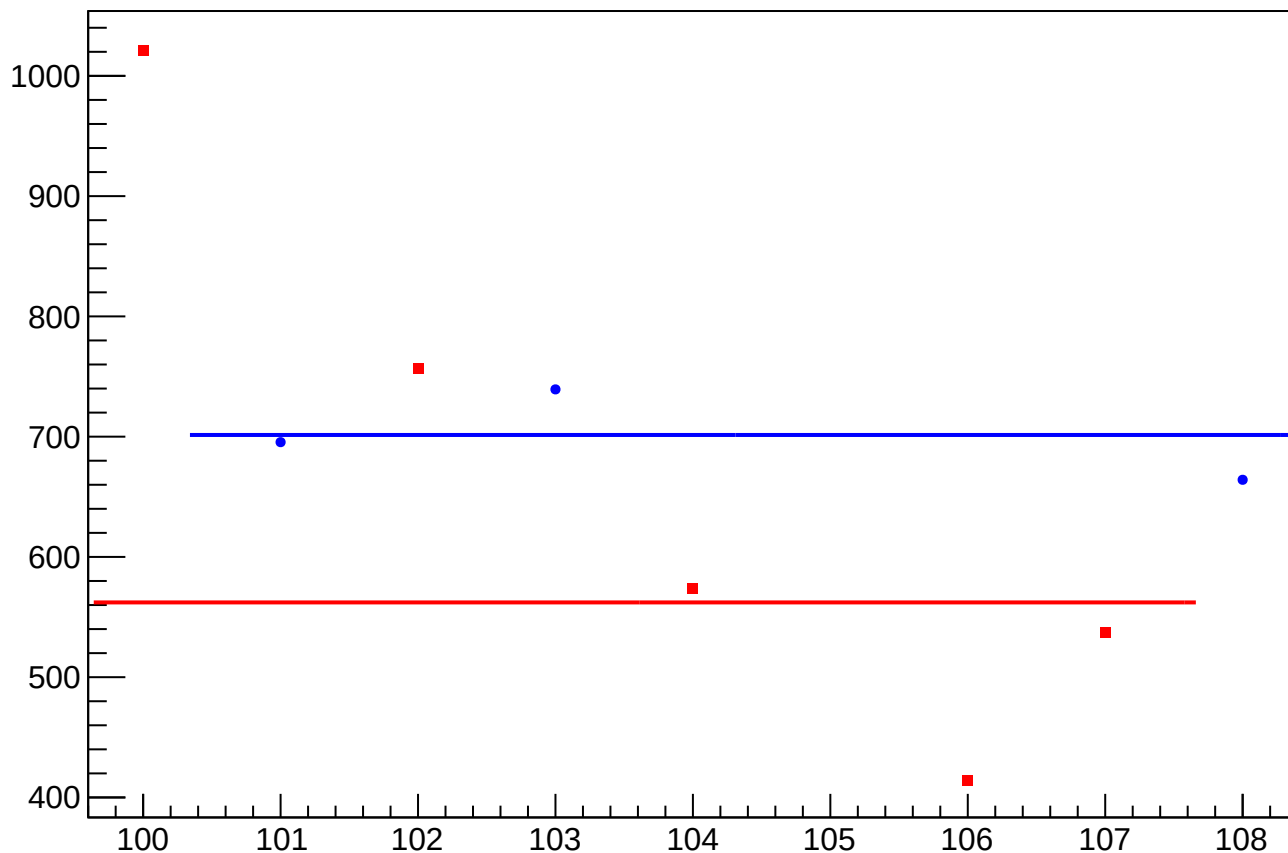
Right: 323.389+/-342.750 χ^2/NDF : 12.0/7

In: -376.081+/-549.821 χ^2/NDF :4.8/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 323.389+/-342.750 χ^2/NDF : 12.0/7

asym_sam_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 701.409+/-0.389 χ^2/NDF : 5642.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 562.171+/-0.310 χ^2/NDF : 190176.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

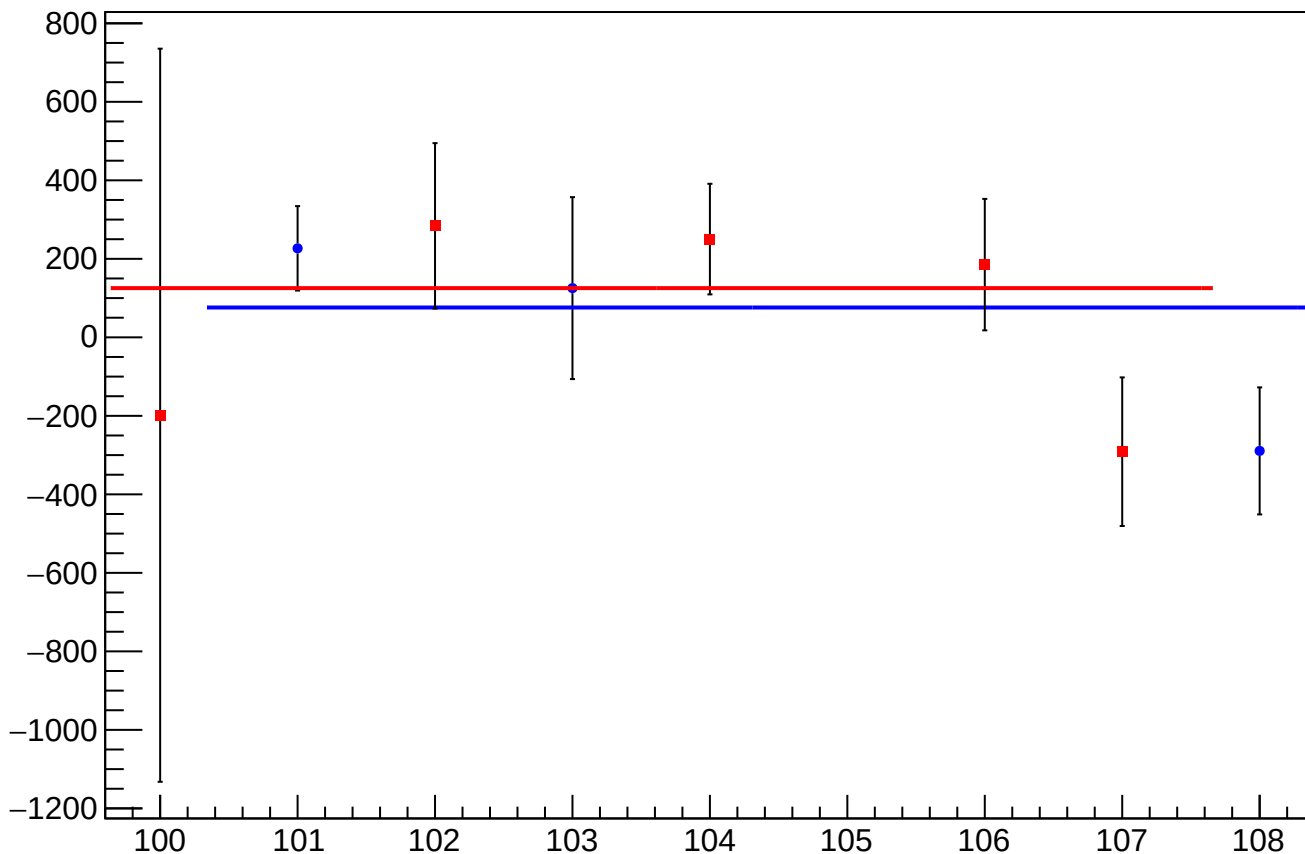
Right: 616.280+/-0.242 χ^2/NDF : 274238.0/7

In: 701.409+/-0.389 χ^2/NDF : 5642.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 616.280+/-0.242 χ^2/NDF : 274238.0/7

cor_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 76.010 $\pm$ 83.552 χ^2 /NDF: 7.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 125.389 $\pm$ 85.235 χ^2 /NDF: 6.4/4

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

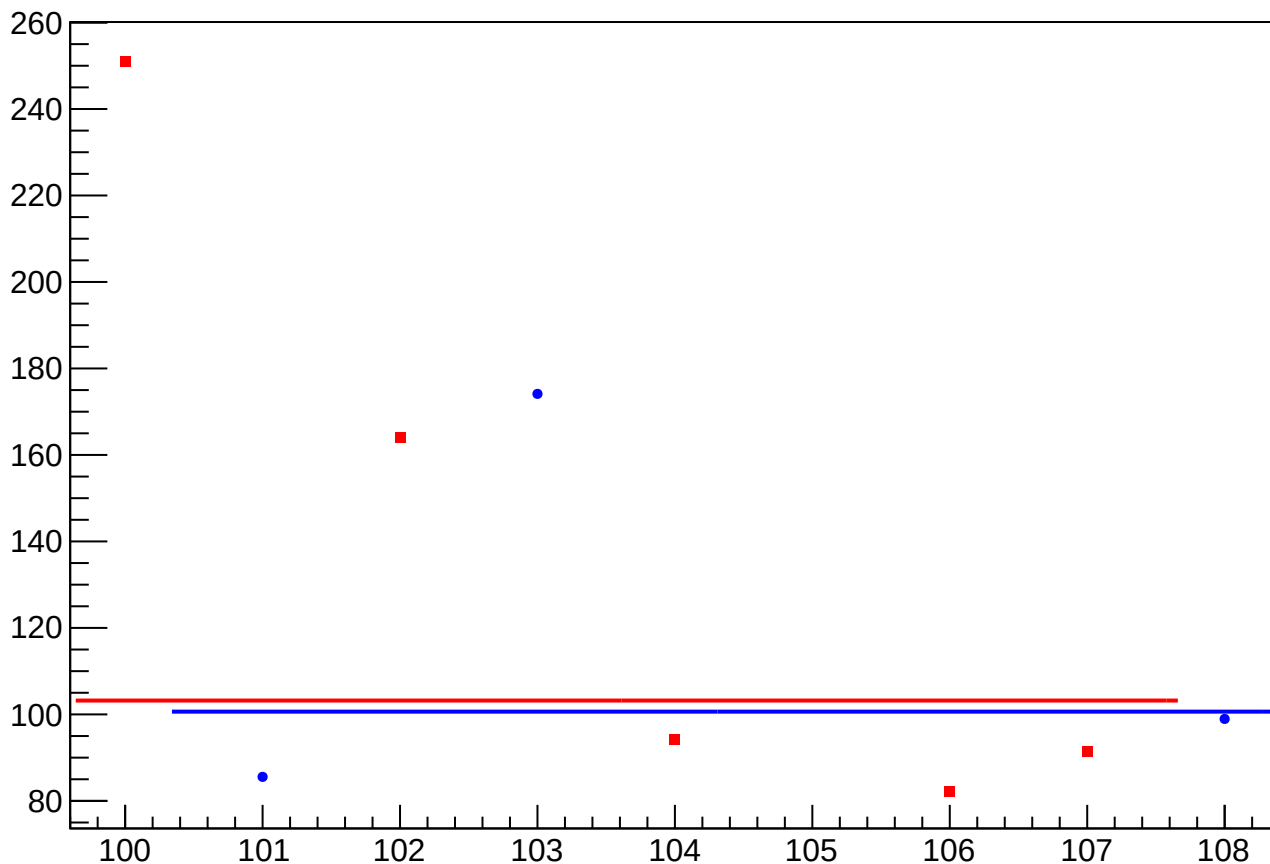
Right: 100.207 $\pm$ 59.667 χ^2 /NDF: 13.7/7

In: 76.010 $\pm$ 83.552 χ^2 /NDF: 7.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 100.207 $\pm$ 59.667 χ^2 /NDF: 13.7/7

cor_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 100.641 $\pm$ 0.059 χ^2 /NDF: 240644.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 103.204 $\pm$ 0.060 χ^2 /NDF: 264375.7/4

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

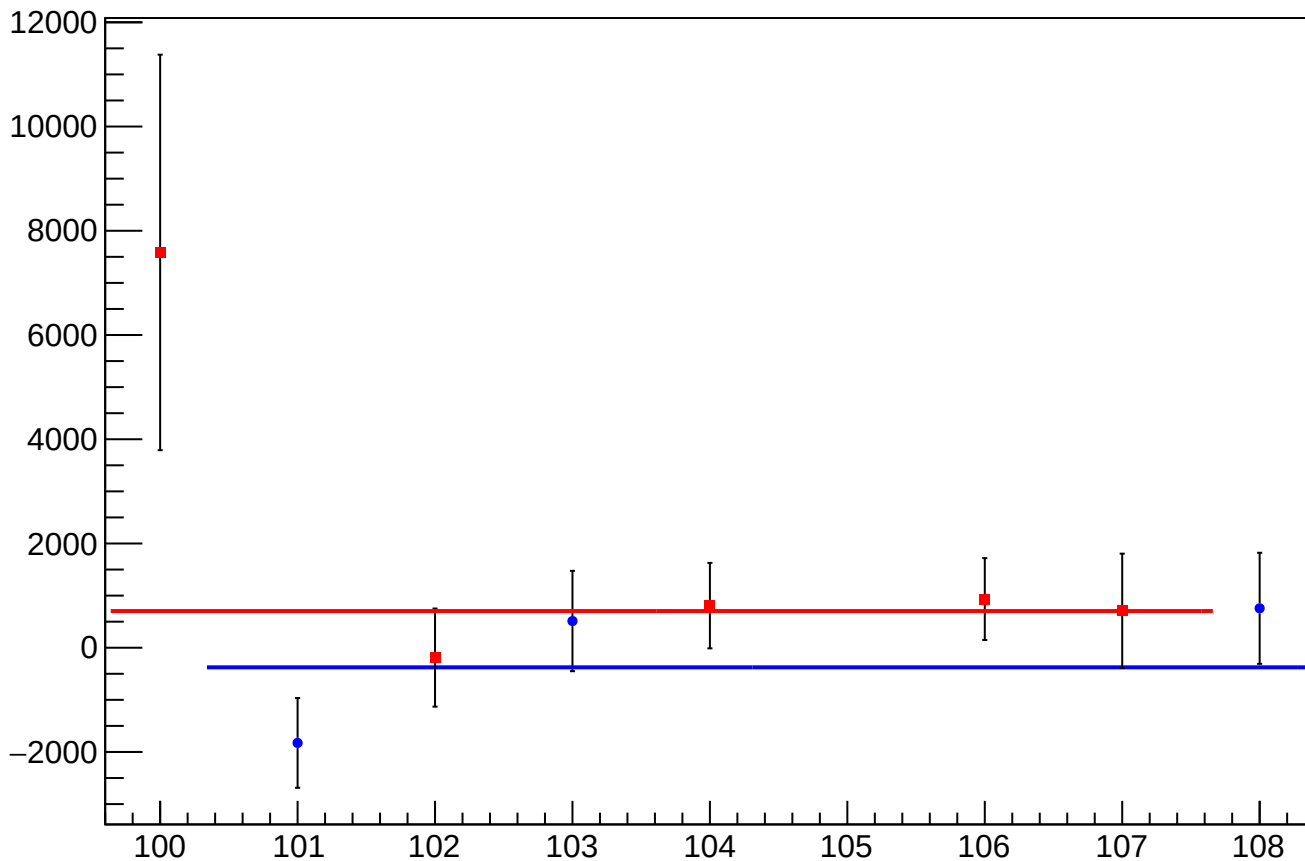
Right: 101.897 $\pm$ 0.042 χ^2 /NDF: 505942.3/7

In: 100.641 $\pm$ 0.059 χ^2 /NDF:240644.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 101.897 $\pm$ 0.042 χ^2 /NDF: 505942.3/7

asym_sam_37_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -376.096+/-549.842 χ^2 /NDF: 4.8/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 703.941+/-441.251 χ^2 /NDF: 4.3/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

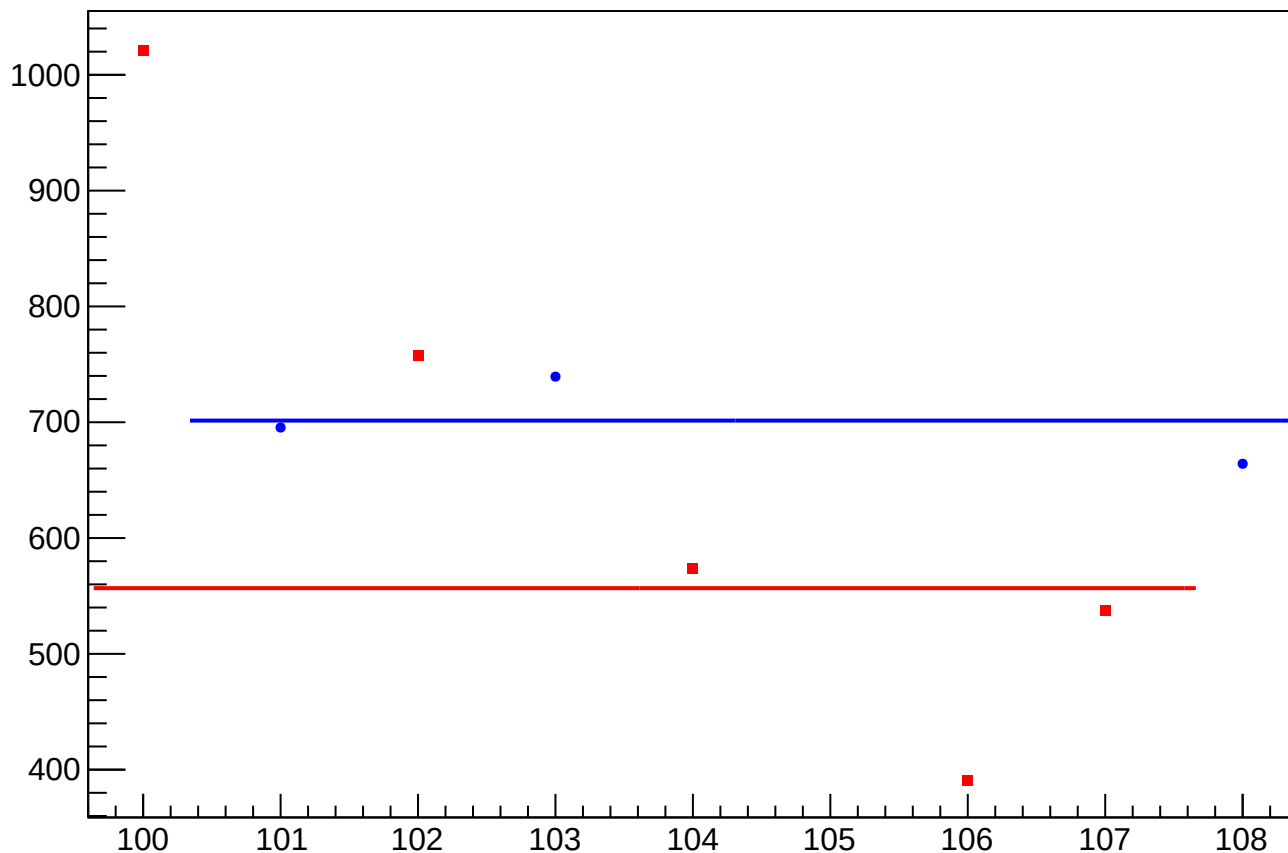
Right: 280.855+/-344.138 χ^2 /NDF: 11.5/7

In: -376.096+/-549.842 χ^2 /NDF:4.8/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 280.855+/-344.138 χ^2 /NDF: 11.5/7

asym_sam_37_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 701.432 $\pm$ 0.389 χ^2 /NDF: 5654.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 556.748 $\pm$ 0.312 χ^2 /NDF: 211694.6/4

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

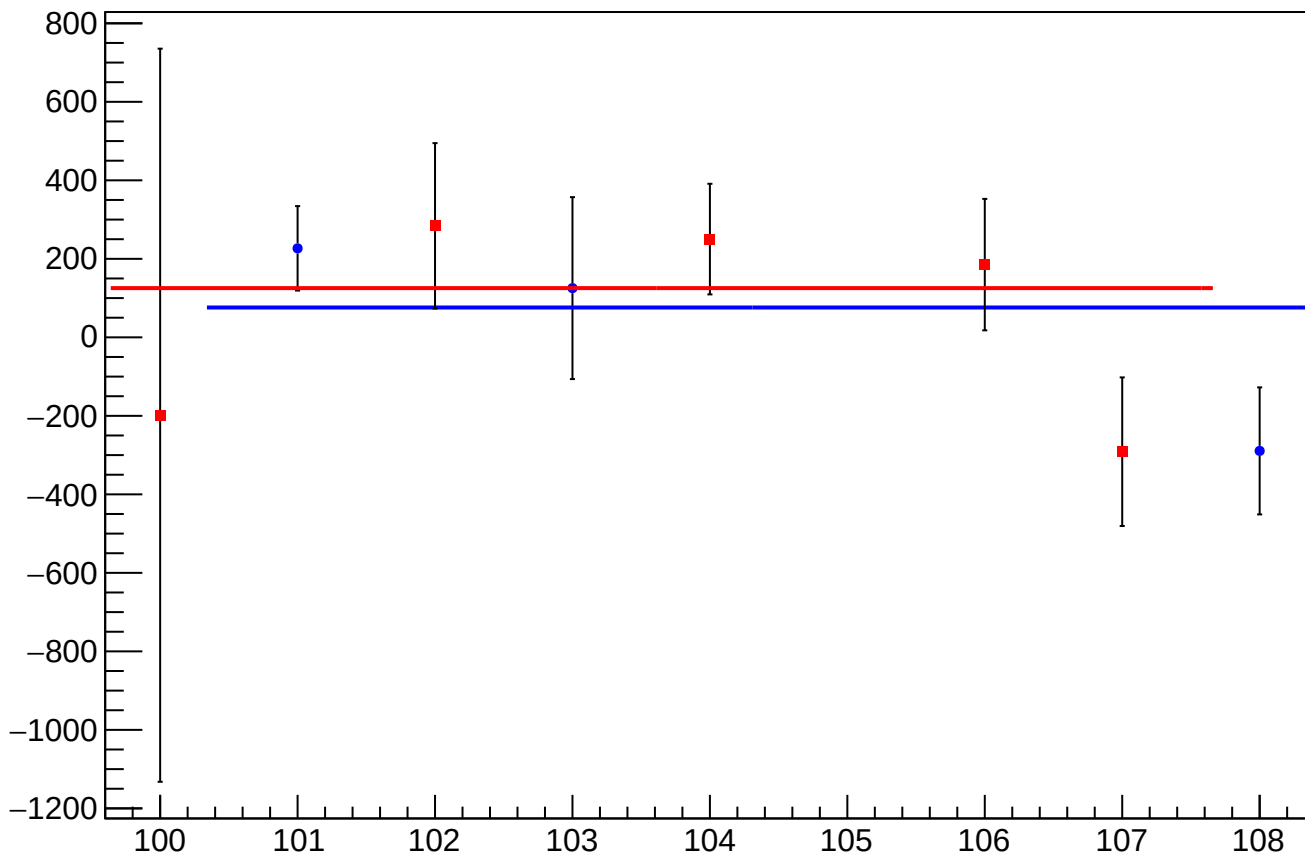
Right: 613.425 $\pm$ 0.243 χ^2 /NDF: 301583.7/7

In: 701.432 $\pm$ 0.389 χ^2 /NDF: 5654.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 613.425 $\pm$ 0.243 χ^2 /NDF: 301583.7/7

eigen_cor_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 76.010 $\pm$ 83.552 χ^2 /NDF: 7.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 125.389 $\pm$ 85.235 χ^2 /NDF: 6.4/4

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

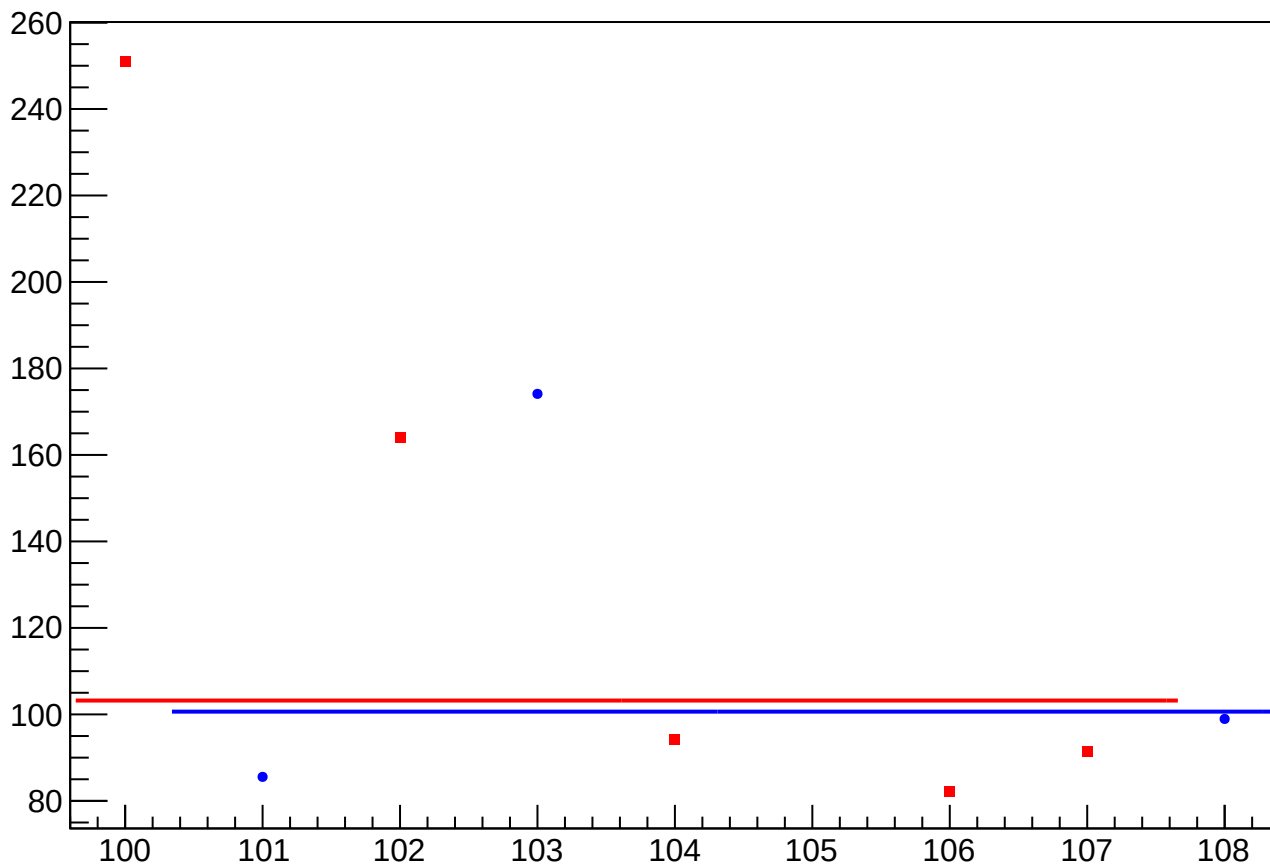
Right: 100.207 $\pm$ 59.667 χ^2 /NDF: 13.7/7

In: 76.010 $\pm$ 83.552 χ^2 /NDF: 7.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 100.207 $\pm$ 59.667 χ^2 /NDF: 13.7/7

eigen_cor_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 100.641 $\pm$ 0.059 χ^2 /NDF: 240644.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 103.204 $\pm$ 0.060 χ^2 /NDF: 264375.7/4

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

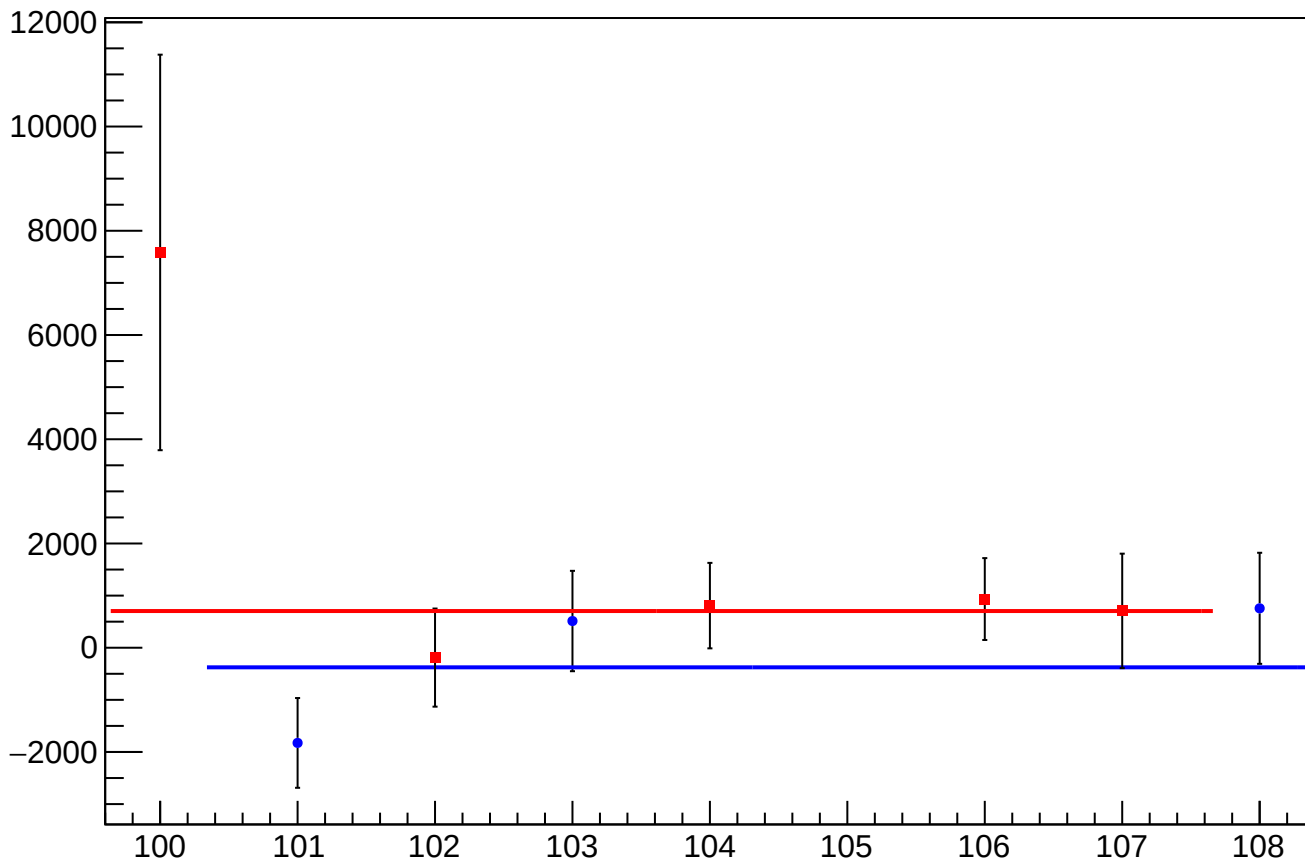
Right: 101.897 $\pm$ 0.042 χ^2 /NDF: 505942.3/7

In: 100.641 $\pm$ 0.059 χ^2 /NDF:240644.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 101.897 $\pm$ 0.042 χ^2 /NDF: 505942.3/7

asym_sam_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -376.096+/-549.842 χ^2 /NDF: 4.8/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 703.941+/-441.251 χ^2 /NDF: 4.3/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

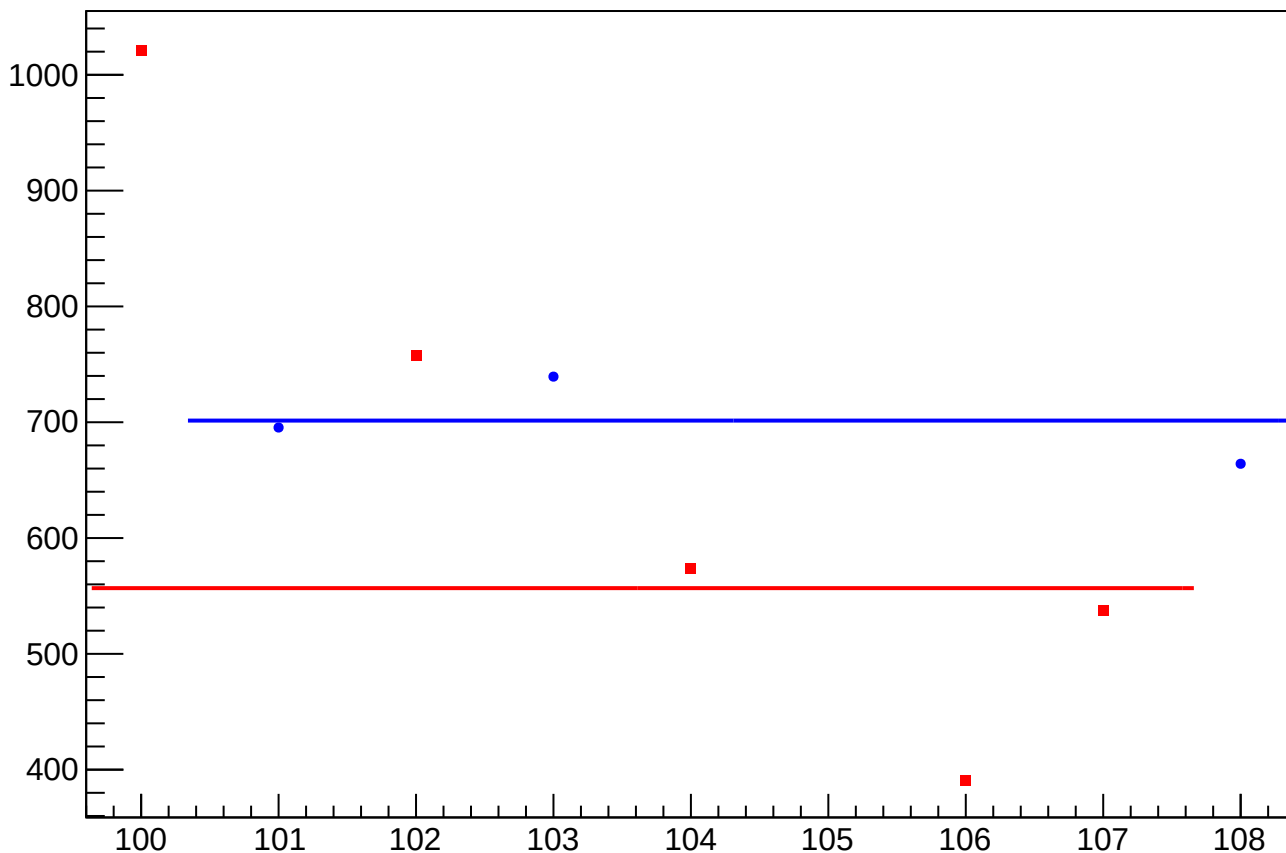
Right: 280.855+/-344.138 χ^2 /NDF: 11.5/7

In: -376.096+/-549.842 χ^2 /NDF:4.8/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 280.855+/-344.138 χ^2 /NDF: 11.5/7

asym_sam_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 701.432 $\pm$ 0.389 χ^2 /NDF: 5654.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 556.748 $\pm$ 0.312 χ^2 /NDF: 211694.6/4

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

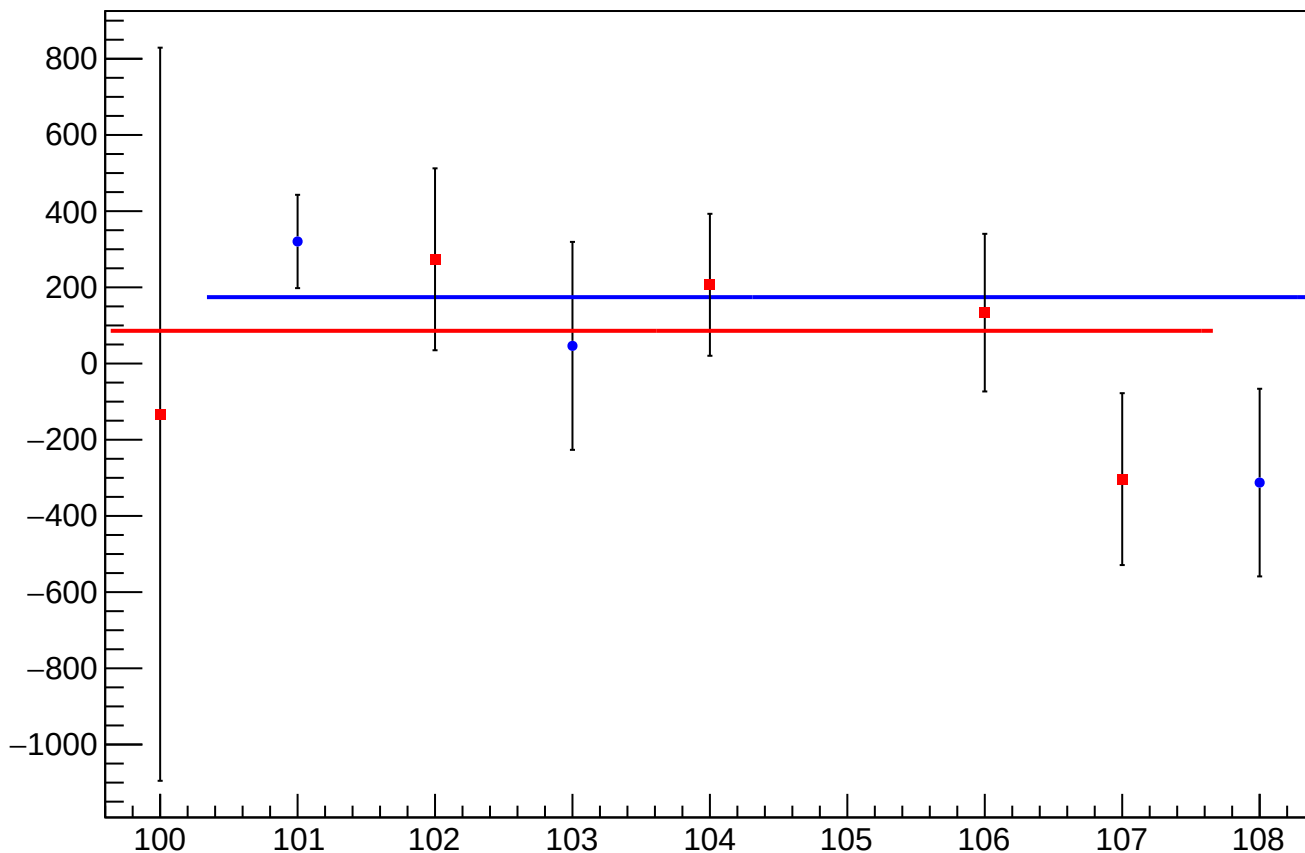
Right: 613.425 $\pm$ 0.243 χ^2 /NDF: 301583.7/7

In: 701.432 $\pm$ 0.389 χ^2 /NDF:5654.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 613.425 $\pm$ 0.243 χ^2 /NDF: 301583.7/7

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 174.283+/-101.759 χ^2/NDF : 5.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.919+/-105.151 χ^2/NDF : 4.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

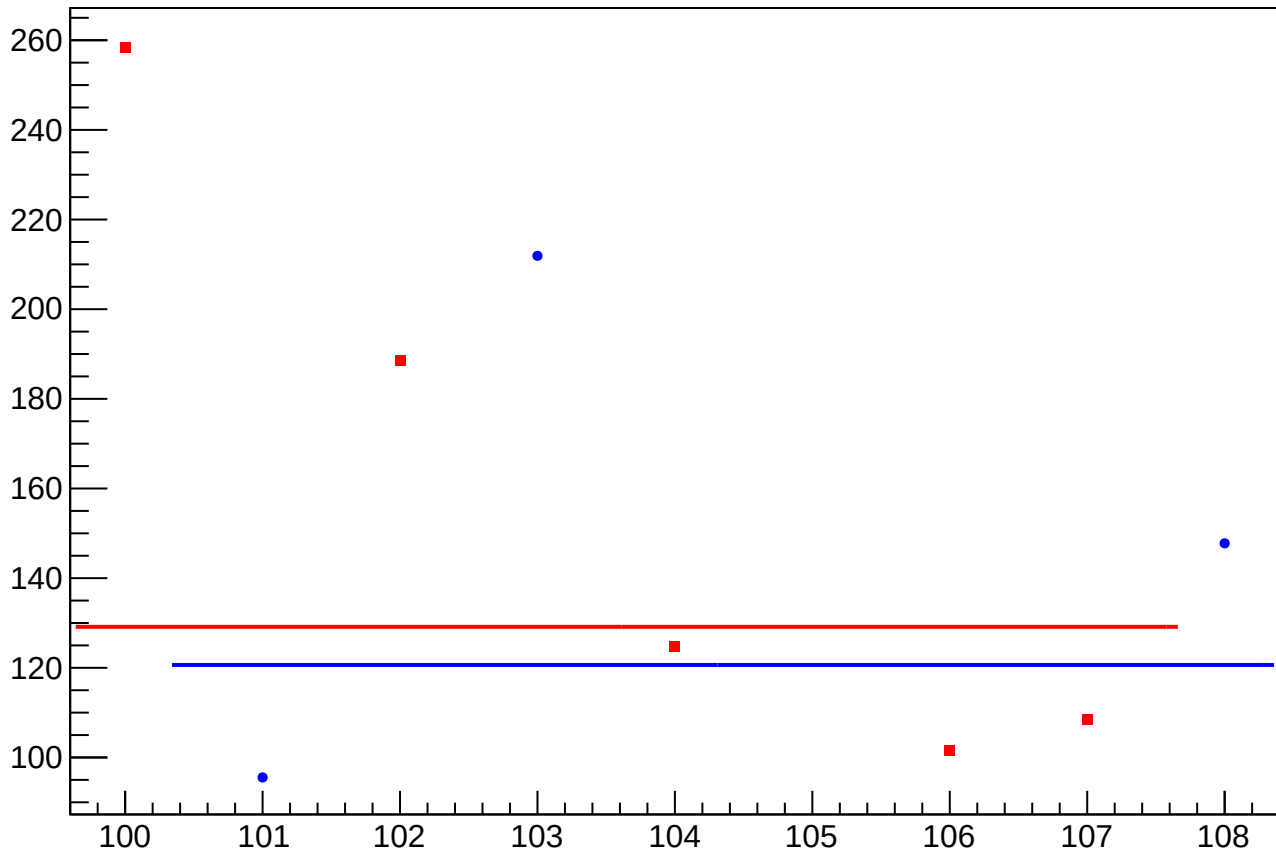
Right: 131.550+/-73.124 χ^2/NDF : 10.0/7

In: 174.283+/-101.759 χ^2/NDF : 5.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.550+/-73.124 χ^2/NDF : 10.0/7

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 120.639+/-0.072 χ^2/NDF : 331820.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.145+/-0.074 χ^2/NDF : 212976.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

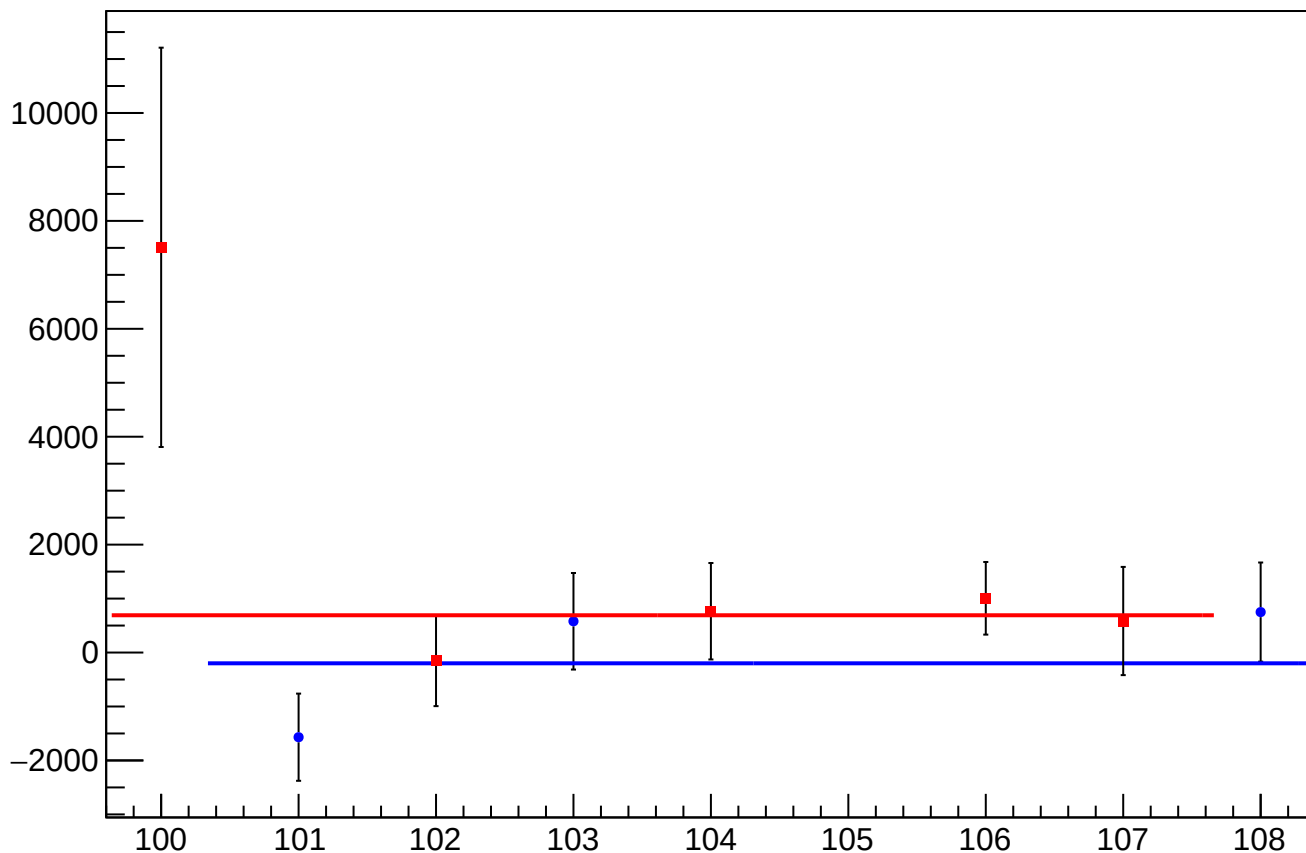
Right: 124.753+/-0.052 χ^2/NDF : 551553.5/7

In: 120.639+/-0.072 χ^2/NDF : 331820.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.753+/-0.052 χ^2/NDF : 551553.5/7

asym_sam_37_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -199.608 $\pm$ 502.159 χ^2 /NDF: 4.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 690.949 $\pm$ 410.627 χ^2 /NDF: 4.6/4

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

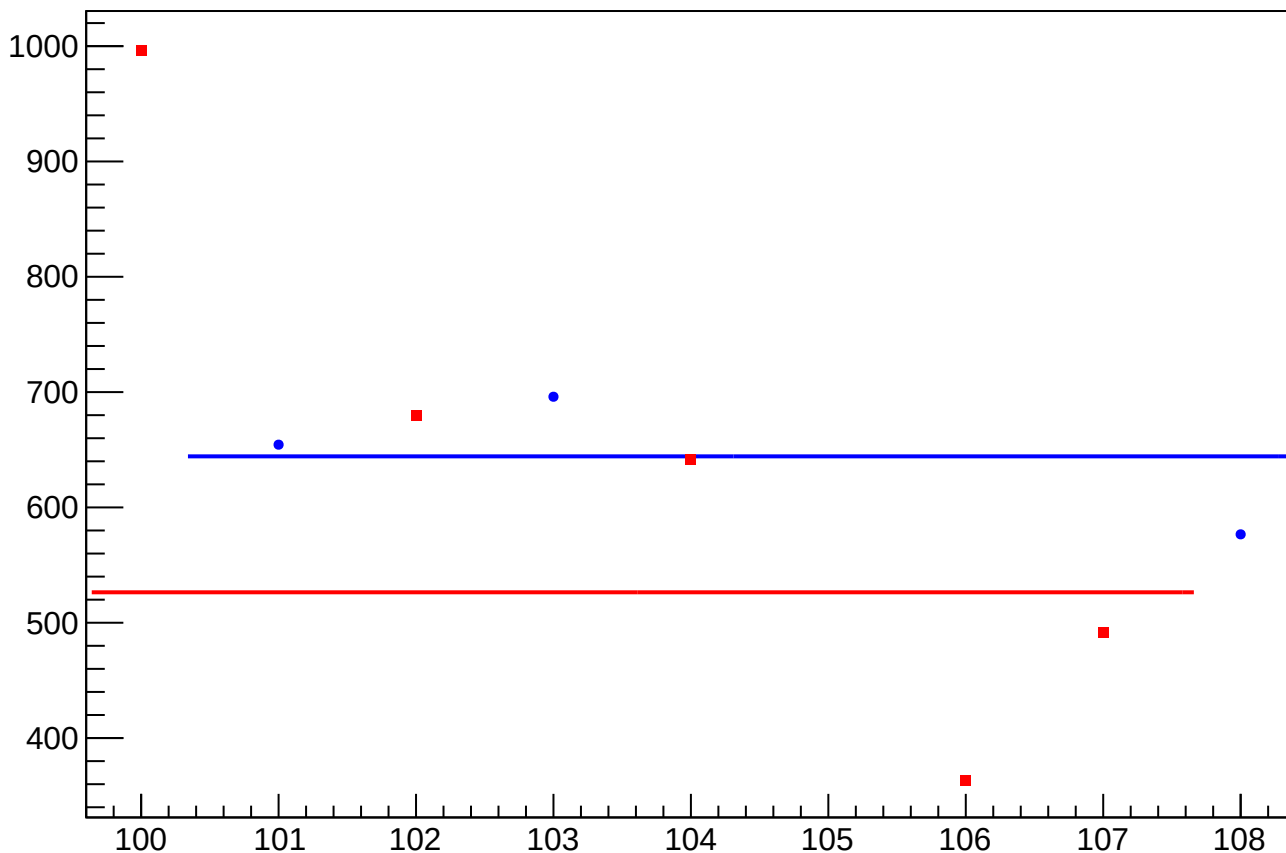
Right: 334.084 $\pm$ 317.879 χ^2 /NDF: 11.2/7

In: -199.608 $\pm$ 502.159 χ^2 /NDF:4.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 334.084 $\pm$ 317.879 χ^2 /NDF: 11.2/7

asym_sam_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 644.283+/-0.355 χ^2/NDF : 17826.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 526.398+/-0.290 χ^2/NDF : 251157.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

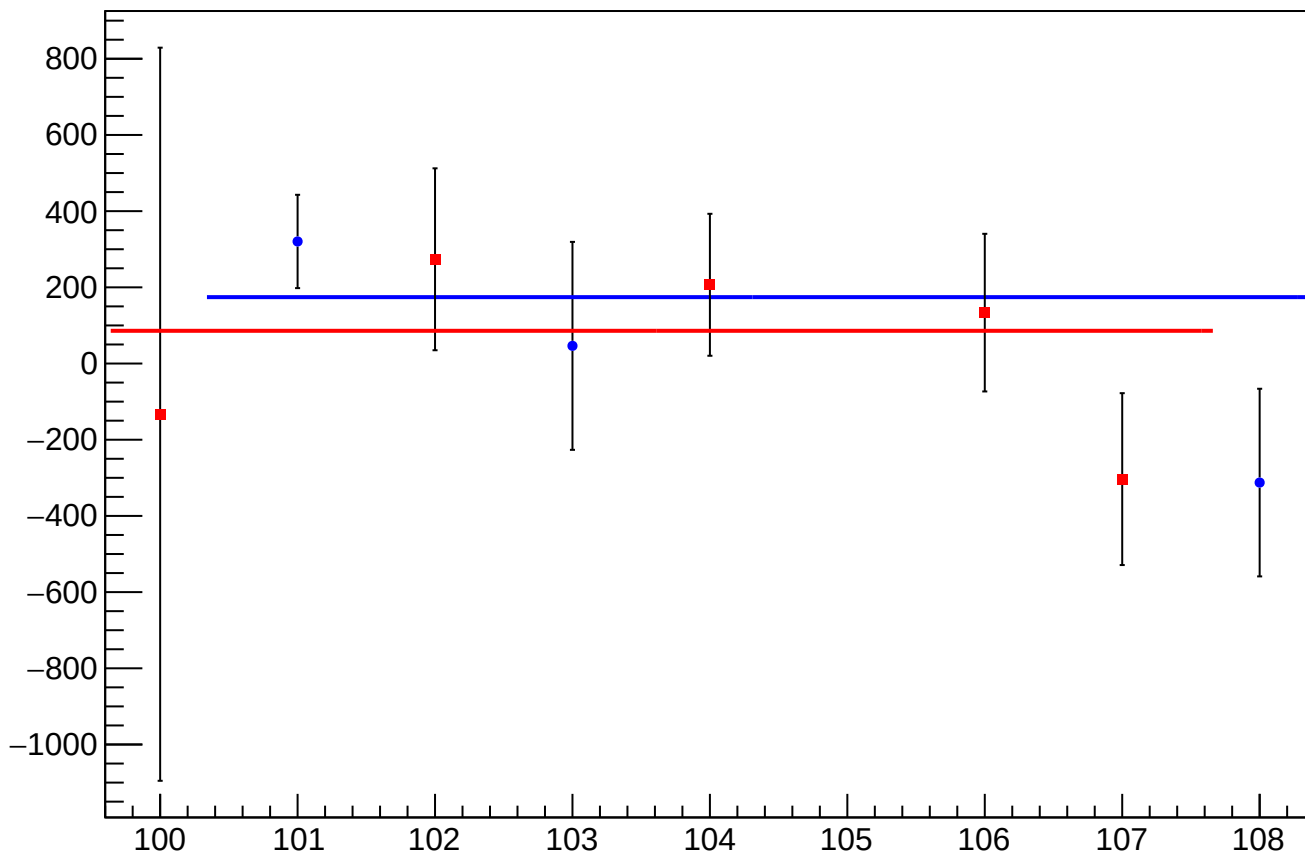
Right: 573.637+/-0.225 χ^2/NDF : 335037.5/7

In: 644.283+/-0.355 χ^2/NDF : 17826.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 573.637+/-0.225 χ^2/NDF : 335037.5/7

eigen_dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 174.288 $\pm$ 101.759 χ^2 /NDF: 5.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 85.918 $\pm$ 105.151 χ^2 /NDF: 4.1/4

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

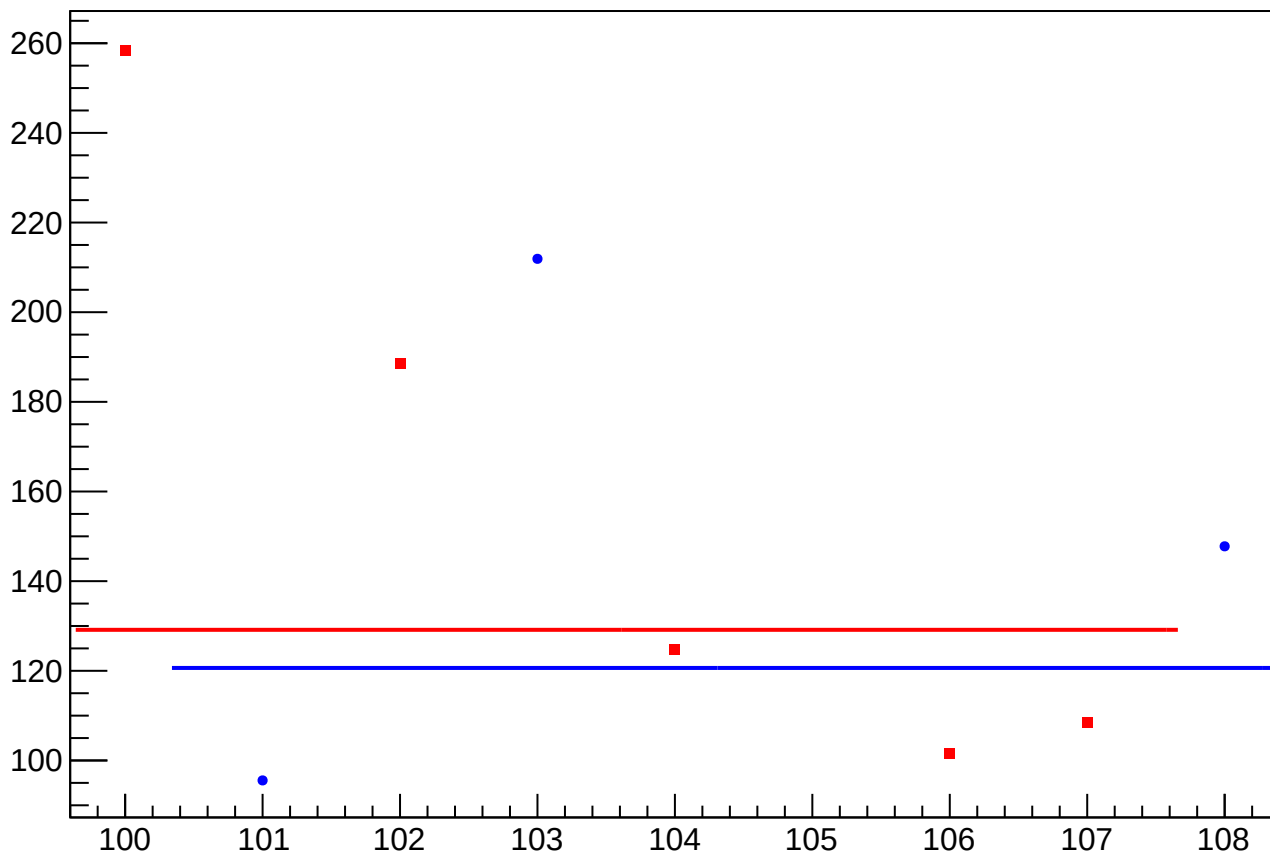
Right: 131.551 $\pm$ 73.124 χ^2 /NDF: 10.0/7

In: 174.288 $\pm$ 101.759 χ^2 /NDF: 5.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 131.551 $\pm$ 73.124 χ^2 /NDF: 10.0/7

eigen_dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 120.640 $\pm$ 0.072 χ^2 /NDF: 331820.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 129.144 $\pm$ 0.074 χ^2 /NDF: 212979.4/4

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

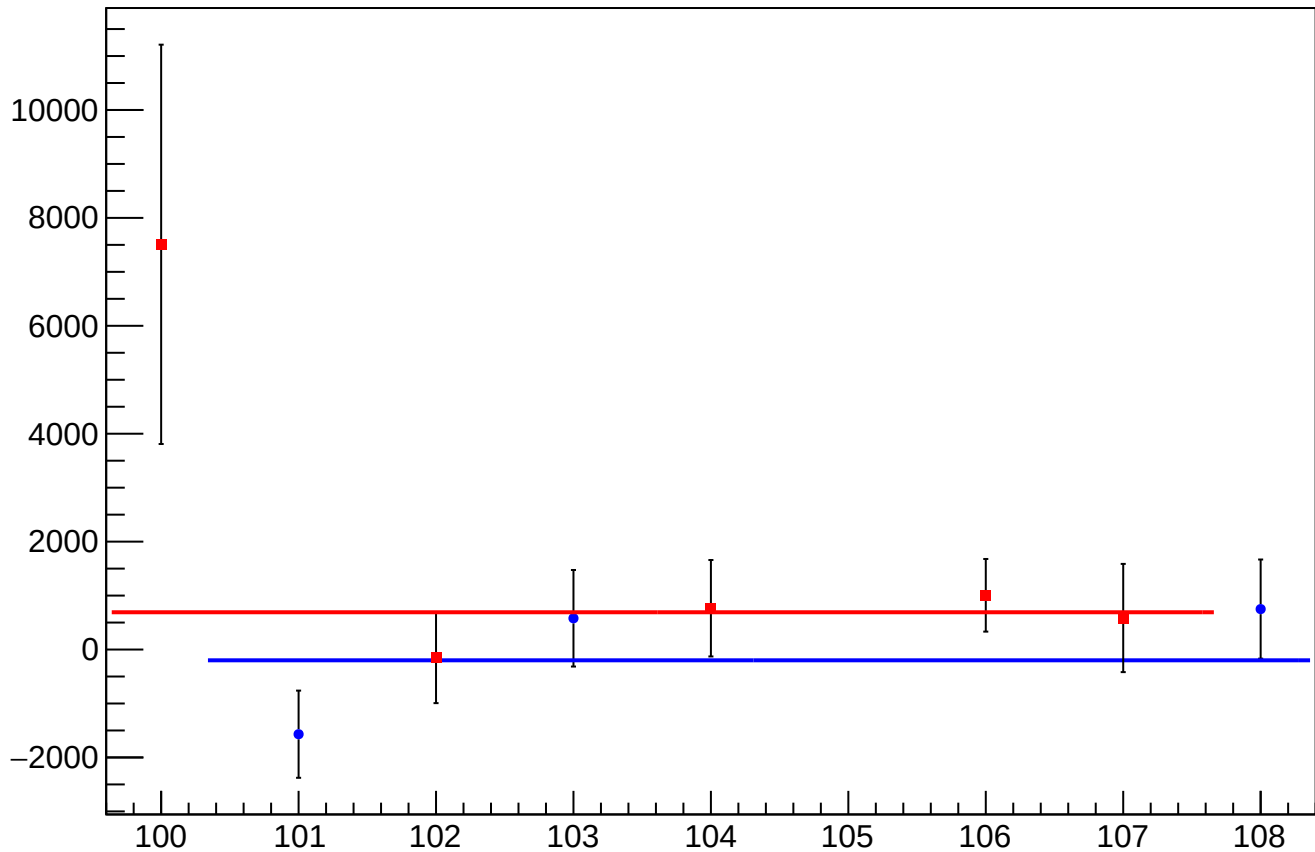
Right: 124.753 $\pm$ 0.052 χ^2 /NDF: 551555.1/7

In: 120.640 $\pm$ 0.072 χ^2 /NDF:331820.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 124.753 $\pm$ 0.052 χ^2 /NDF: 551555.1/7

asym_sam_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -199.607 $\pm$ 502.157 χ^2 /NDF: 4.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 690.947 $\pm$ 410.626 χ^2 /NDF: 4.6/4

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

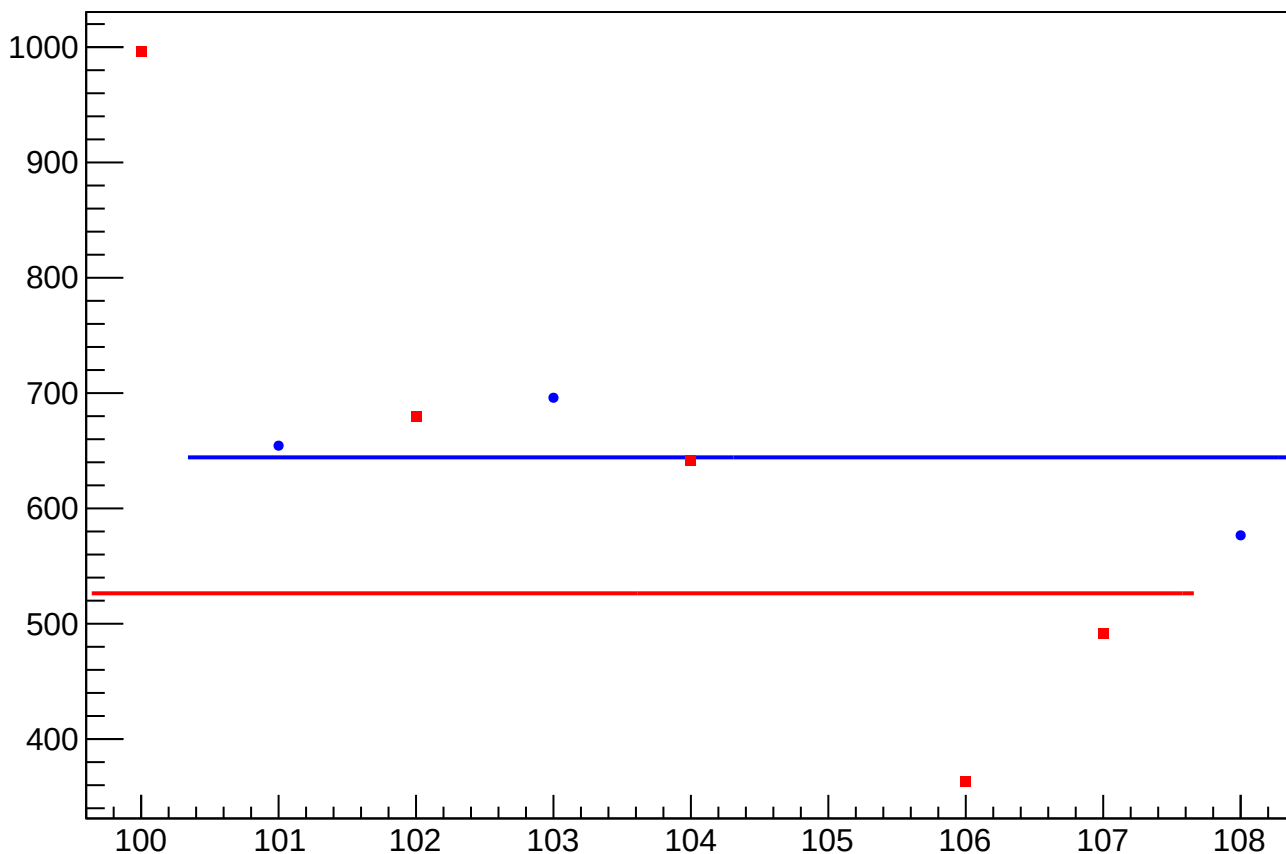
Right: 334.083 $\pm$ 317.878 χ^2 /NDF: 11.2/7

In: -199.607 $\pm$ 502.157 χ^2 /NDF:4.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 334.083 $\pm$ 317.878 χ^2 /NDF: 11.2/7

asym_sam_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 644.280+/-0.355 χ^2/NDF : 17826.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 526.397+/-0.290 χ^2/NDF : 251155.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

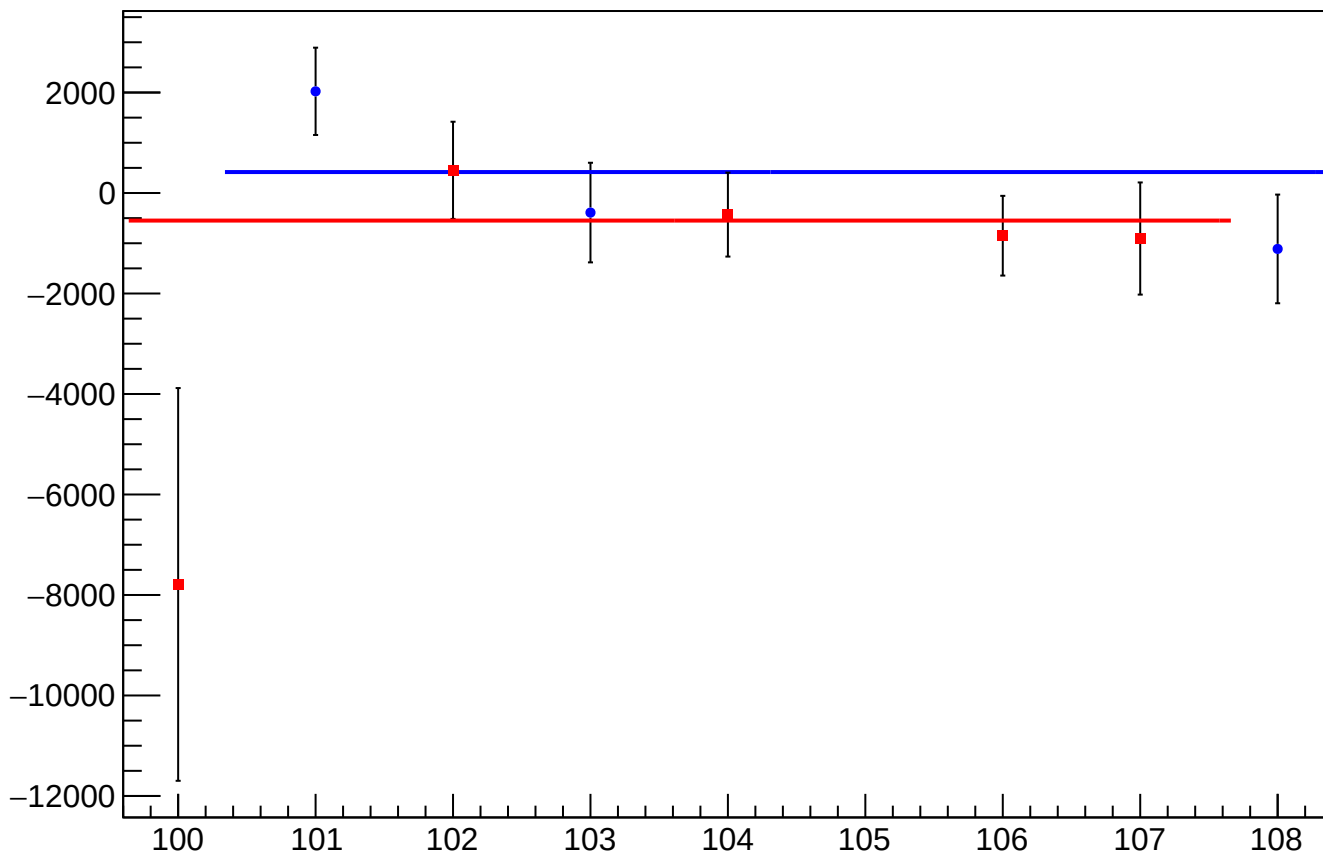
Right: 573.635+/-0.225 χ^2/NDF : 335033.2/7

In: 644.280+/-0.355 χ^2/NDF : 17826.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 573.635+/-0.225 χ^2/NDF : 335033.2/7

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 417.036+/-559.249 χ^2/NDF : 6.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -548.610+/-449.032 χ^2/NDF : 4.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

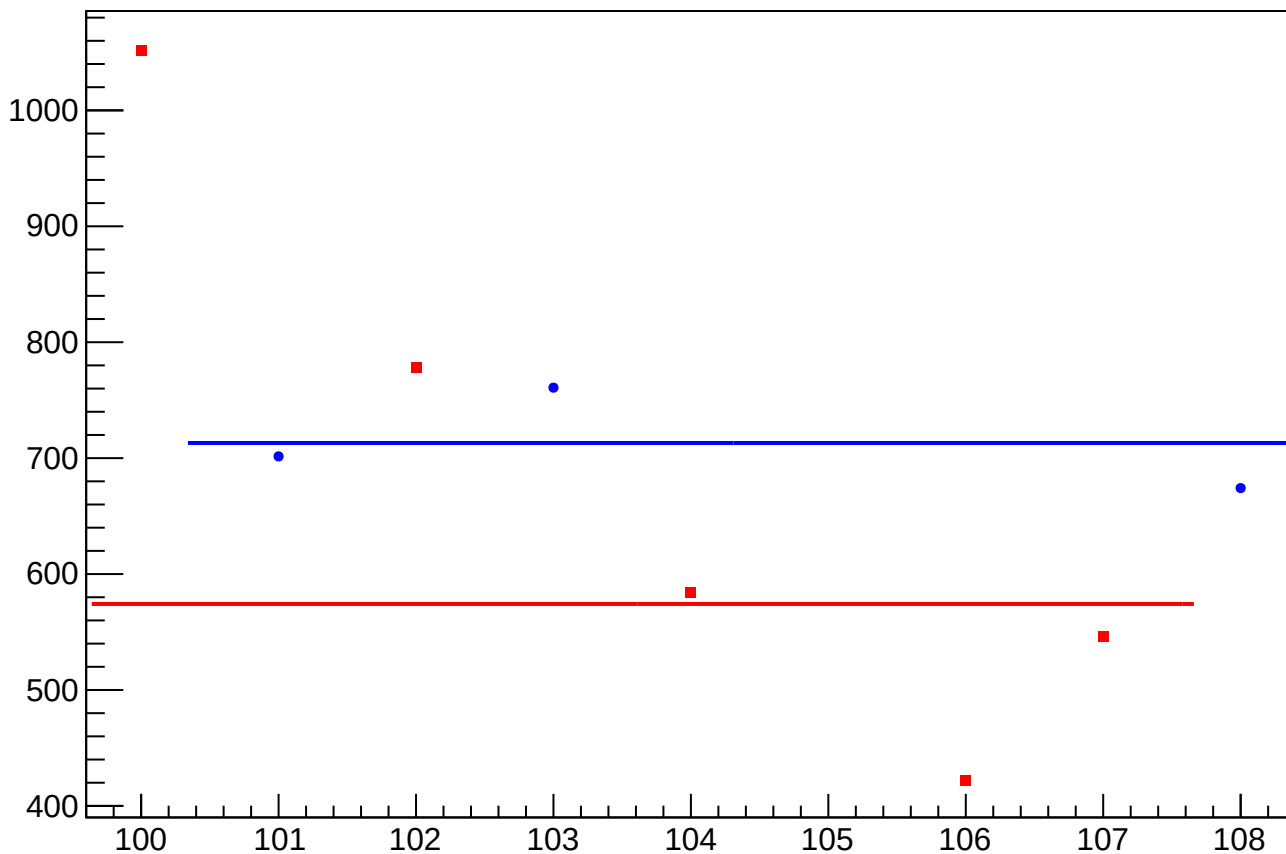
Right: -170.097+/-350.136 χ^2/NDF : 12.7/7

In: 417.036+/-559.249 χ^2/NDF : 6.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -170.097+/-350.136 χ^2/NDF : 12.7/7

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 713.067+/-0.395 χ^2/NDF : 7577.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 574.212+/-0.318 χ^2/NDF : 193763.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

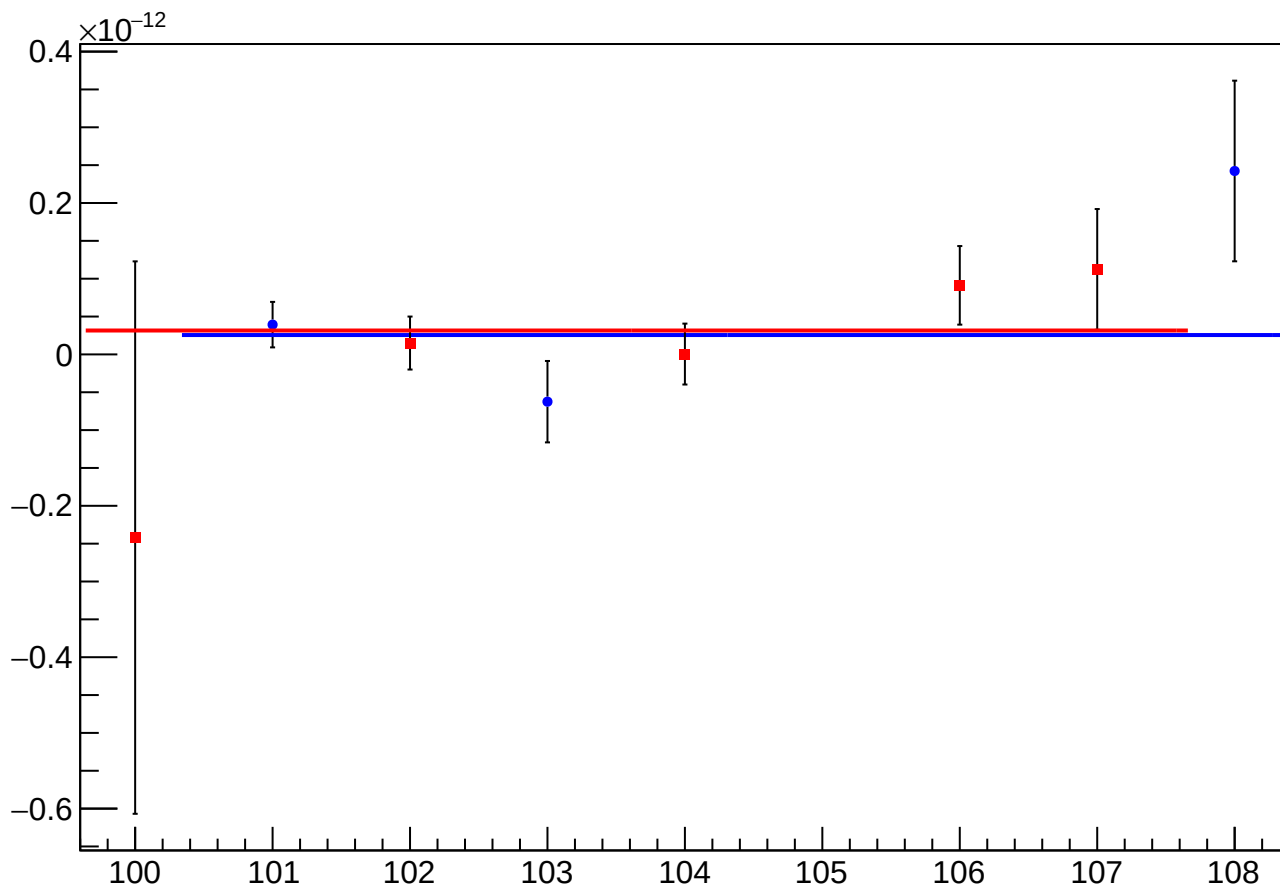
Right: 628.640+/-0.248 χ^2/NDF : 276305.0/7

In: 713.067+/-0.395 χ^2/NDF : 7577.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 628.640+/-0.248 χ^2/NDF : 276305.0/7

asym_sam_37_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.7/4

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

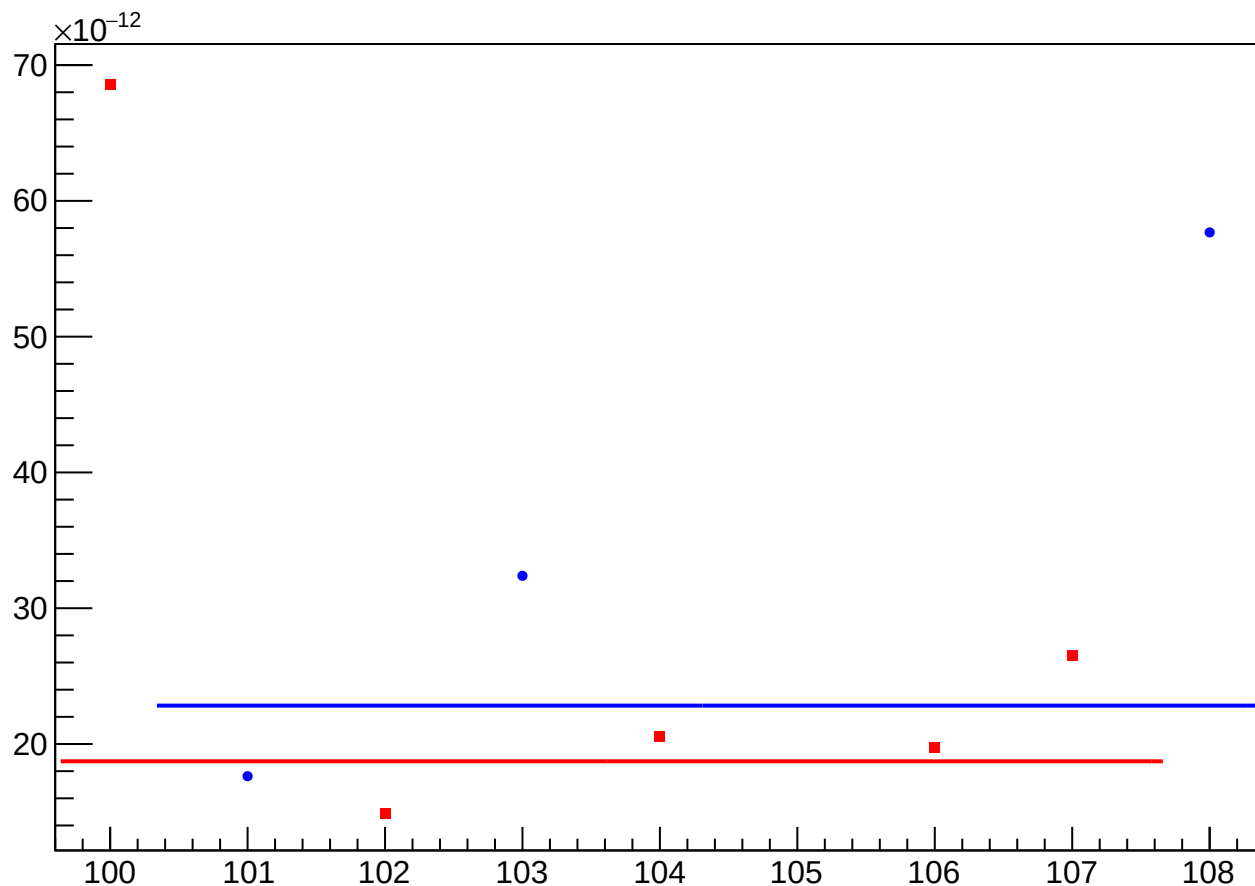
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.9/7

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.9/7

asym_sam_37_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 293642.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 85786.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

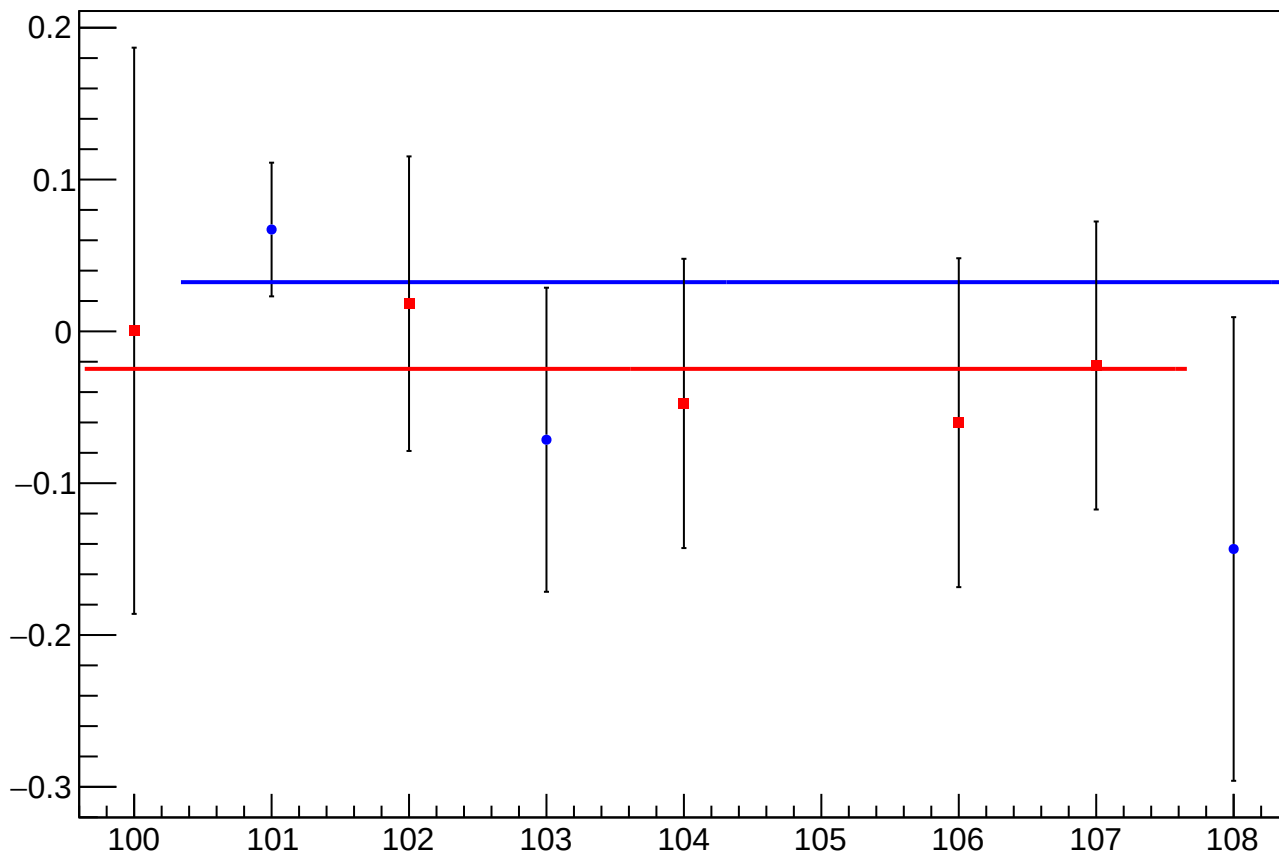
Right: 0.000+/-0.000 χ^2/NDF : 408334.7/7

In: 0.000+/-0.000 χ^2/NDF : 293642.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 408334.7/7

asym_sam_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.032+/-0.039 χ^2/NDF : 3.0/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.025+/-0.048 χ^2/NDF : 0.4/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

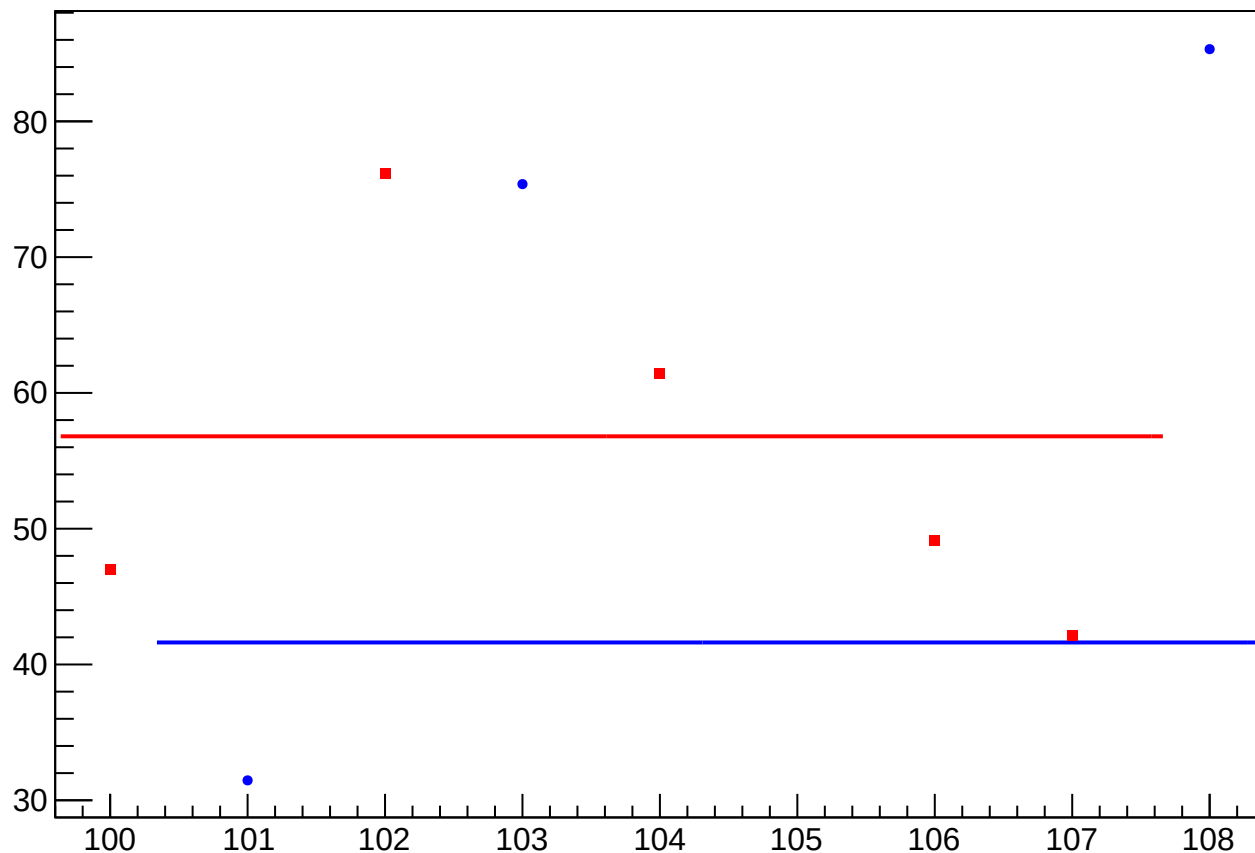
Right: 0.009+/-0.030 χ^2/NDF : 4.3/7

In: 0.032+/-0.039 χ^2/NDF :3.0/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.009+/-0.030 χ^2/NDF : 4.3/7

asym_sam_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.622+/-0.028 χ^2/NDF : 497466.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.804+/-0.034 χ^2/NDF : 147709.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

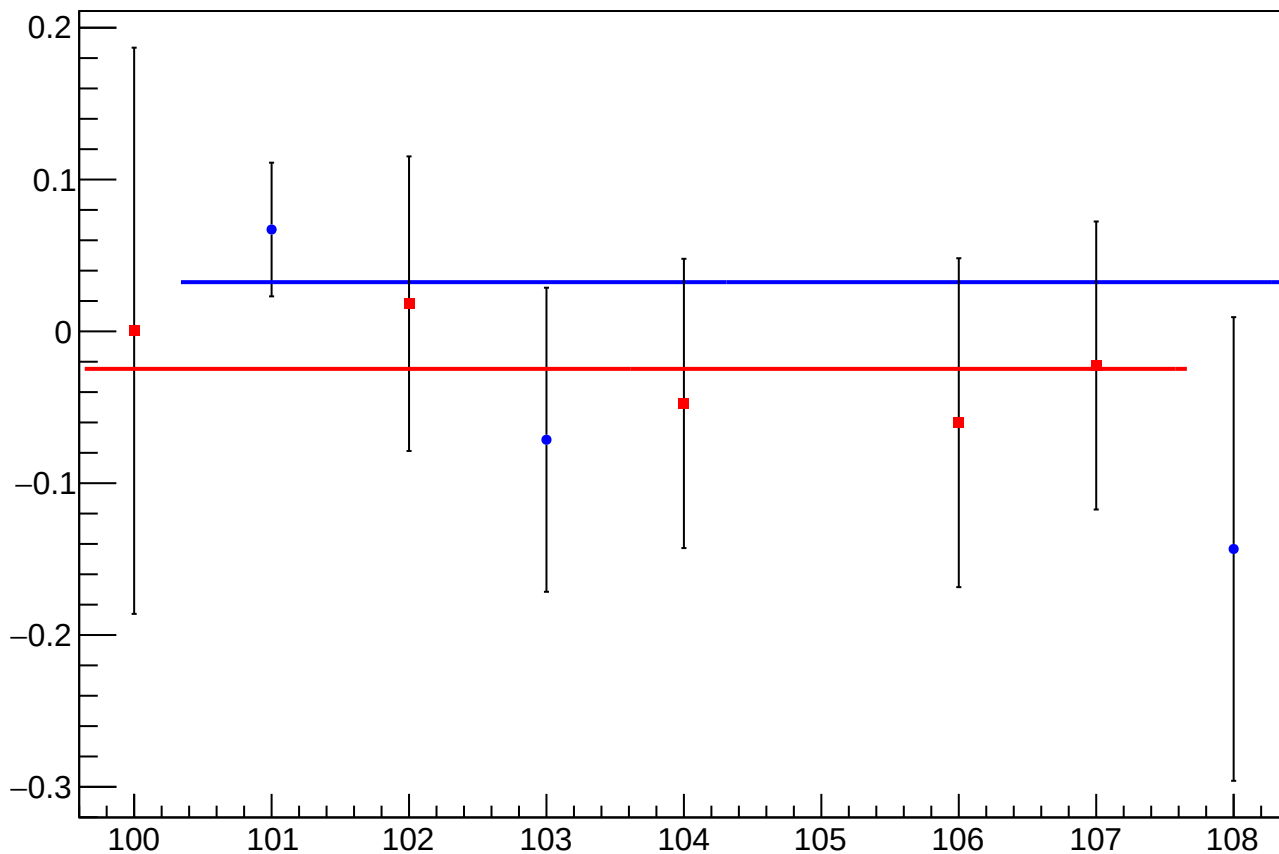
Right: 47.716+/-0.021 χ^2/NDF : 767037.8/7

In: 41.622+/-0.028 χ^2/NDF : 497466.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.716+/-0.021 χ^2/NDF : 767037.8/7

asym_sam_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.032 $\pm$ 0.039 χ^2 /NDF: 3.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.025 $\pm$ 0.048 χ^2 /NDF: 0.4/4

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

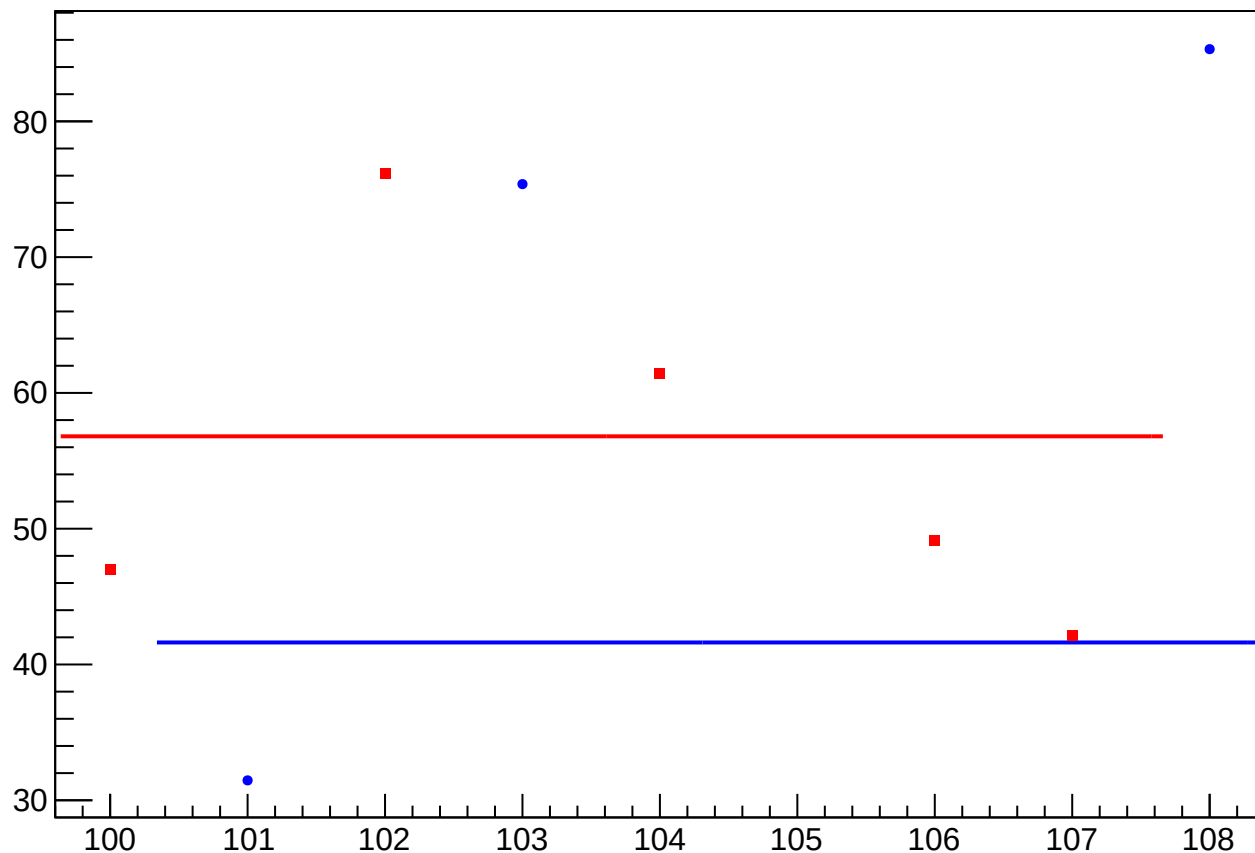
Right: 0.009 $\pm$ 0.030 χ^2 /NDF: 4.3/7

In: 0.032 $\pm$ 0.039 χ^2 /NDF:3.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.030 χ^2 /NDF: 4.3/7

asym_sam_37_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.622+/-0.028 χ^2/NDF : 497466.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.804+/-0.034 χ^2/NDF : 147709.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

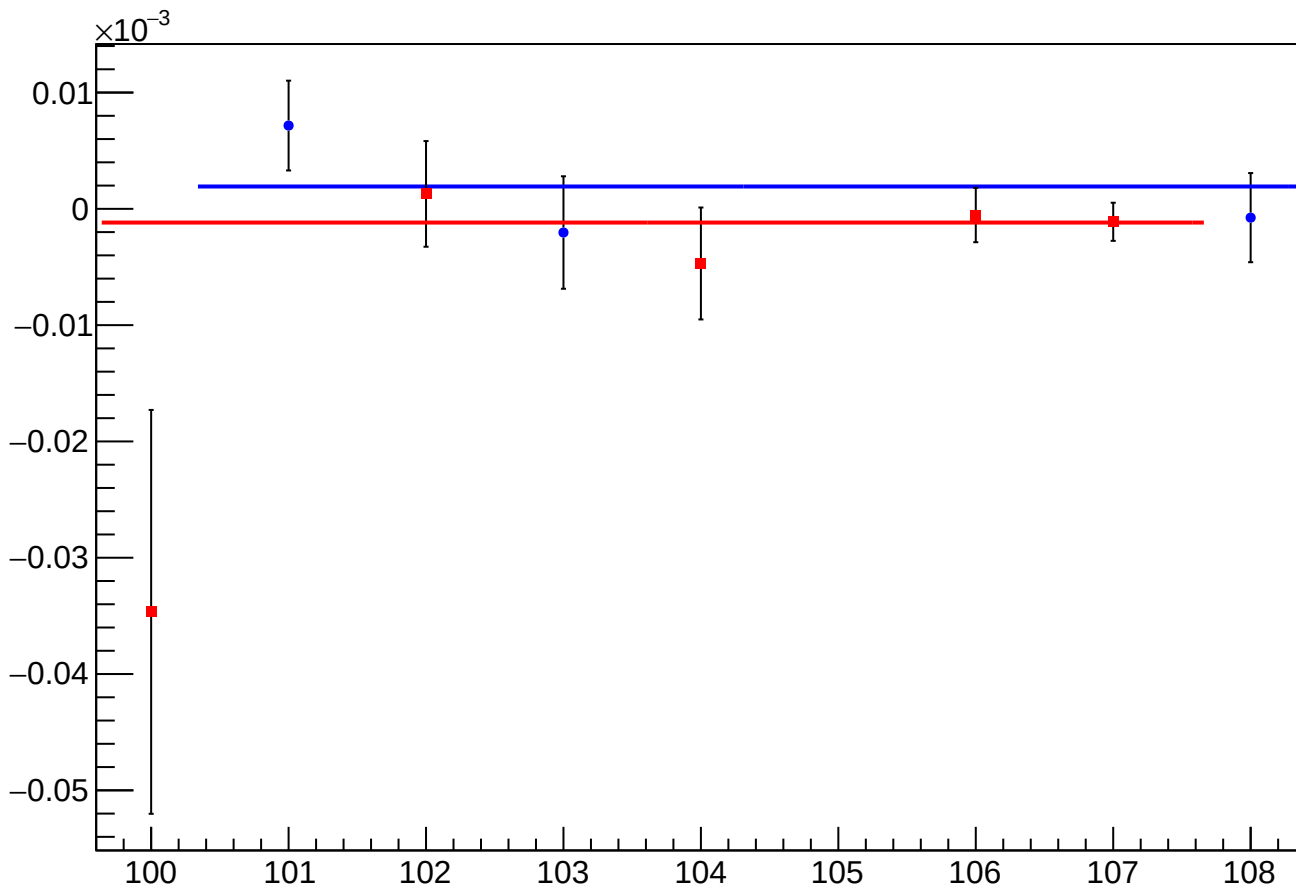
Right: 47.716+/-0.021 χ^2/NDF : 767037.8/7

In: 41.622+/-0.028 χ^2/NDF : 497466.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.716+/-0.021 χ^2/NDF : 767037.8/7

asym_sam_37_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 3.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 4.6/4

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

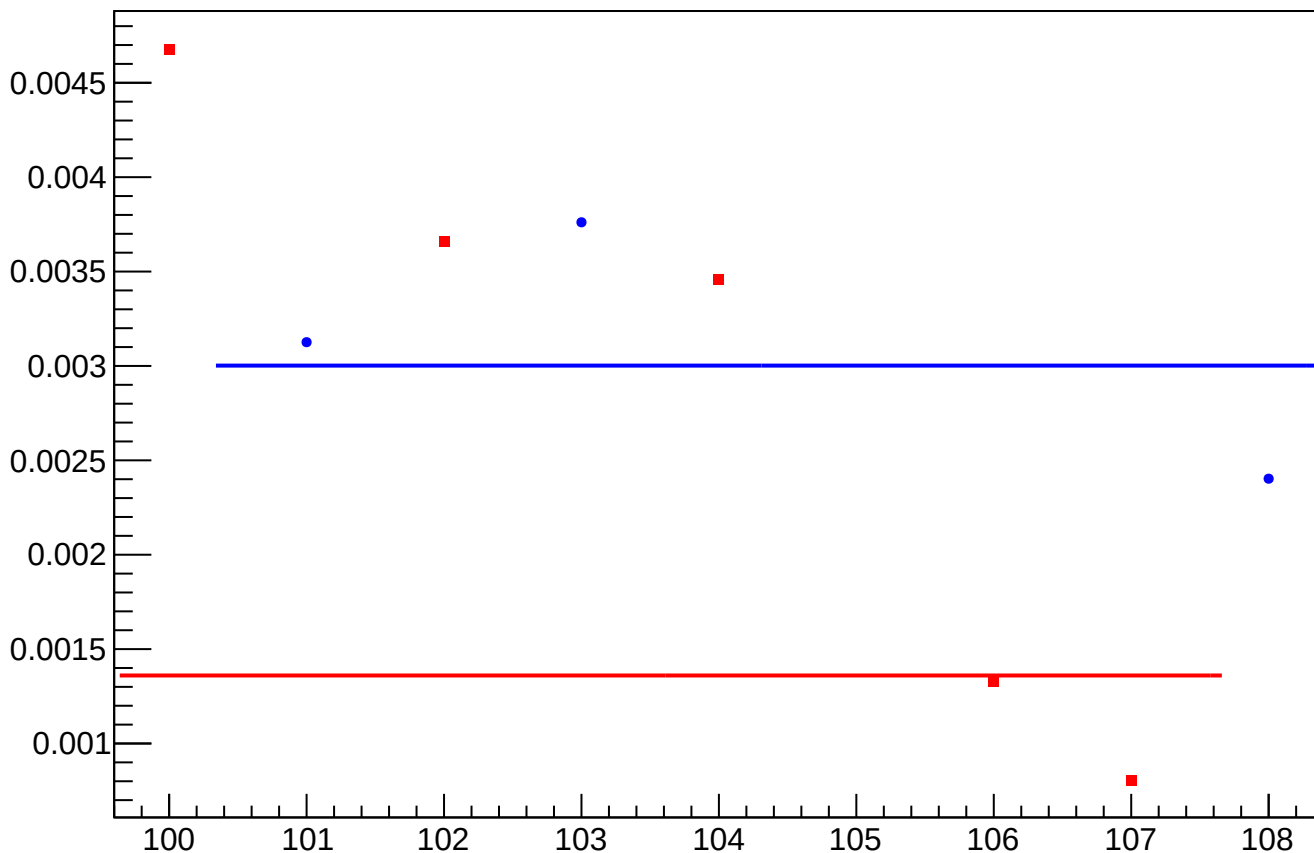
Right: -0.000 $\pm$ 0.000 χ^2/NDF : 9.0/7

In: 0.000 $\pm$ 0.000 χ^2/NDF : 3.0/2

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 9.0/7

asym_sam_37_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 100221.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1195293.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

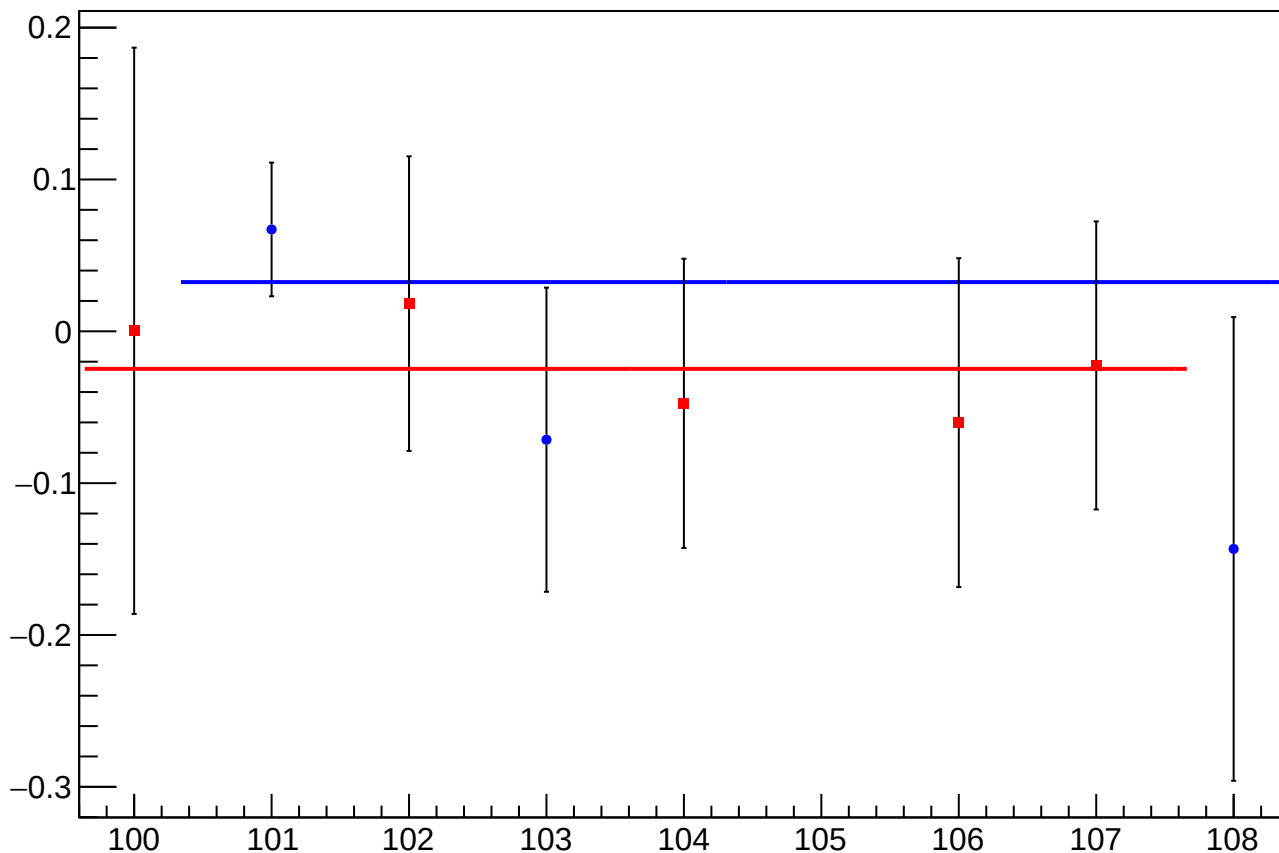
Right: 0.002+/-0.000 χ^2/NDF : 2048587.3/7

In: 0.003+/-0.000 χ^2/NDF : 100221.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2048587.3/7

asym_sam_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.032 $\pm$ 0.039 χ^2 /NDF: 3.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.025 $\pm$ 0.048 χ^2 /NDF: 0.4/4

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

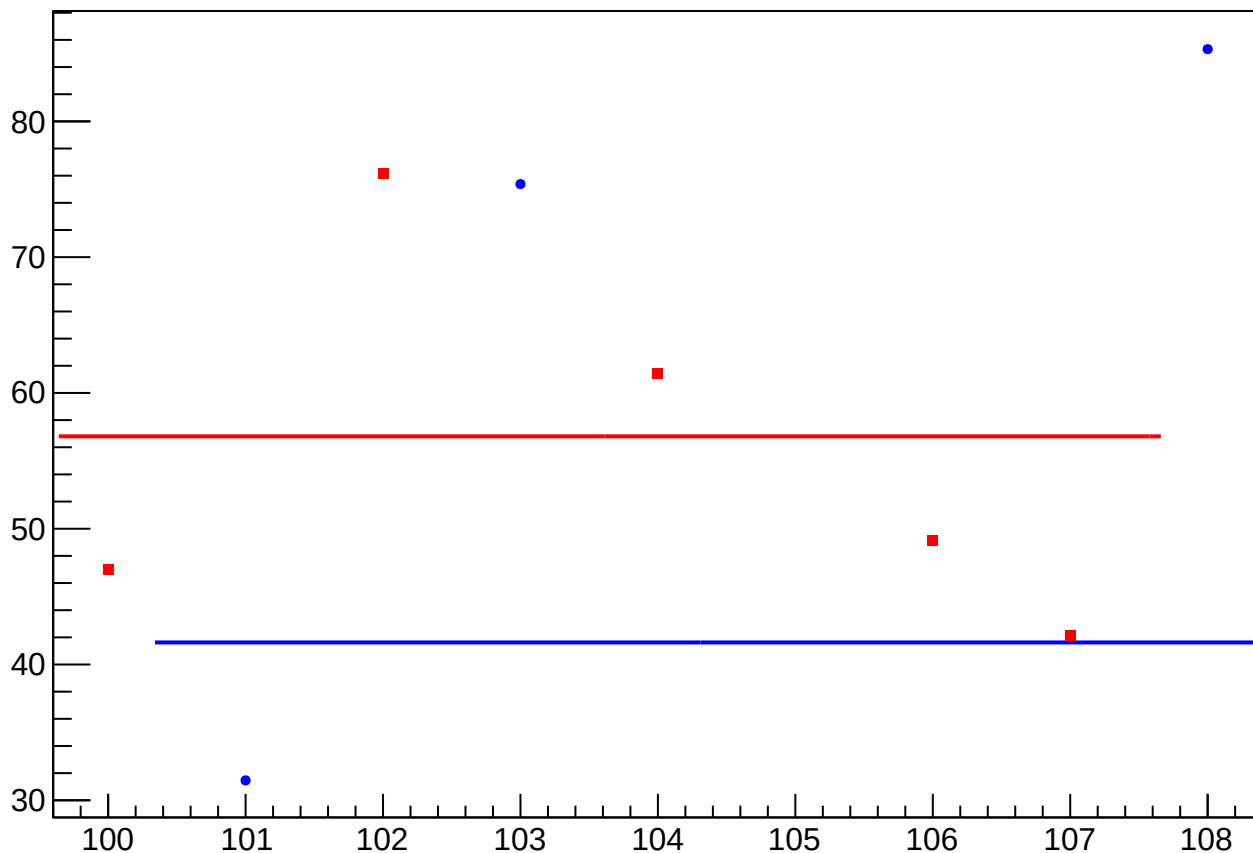
Right: 0.009 $\pm$ 0.030 χ^2 /NDF: 4.3/7

In: 0.032 $\pm$ 0.039 χ^2 /NDF:3.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.030 χ^2 /NDF: 4.3/7

asym_sam_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.624+/-0.028 χ^2/NDF : 497463.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.804+/-0.034 χ^2/NDF : 147713.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

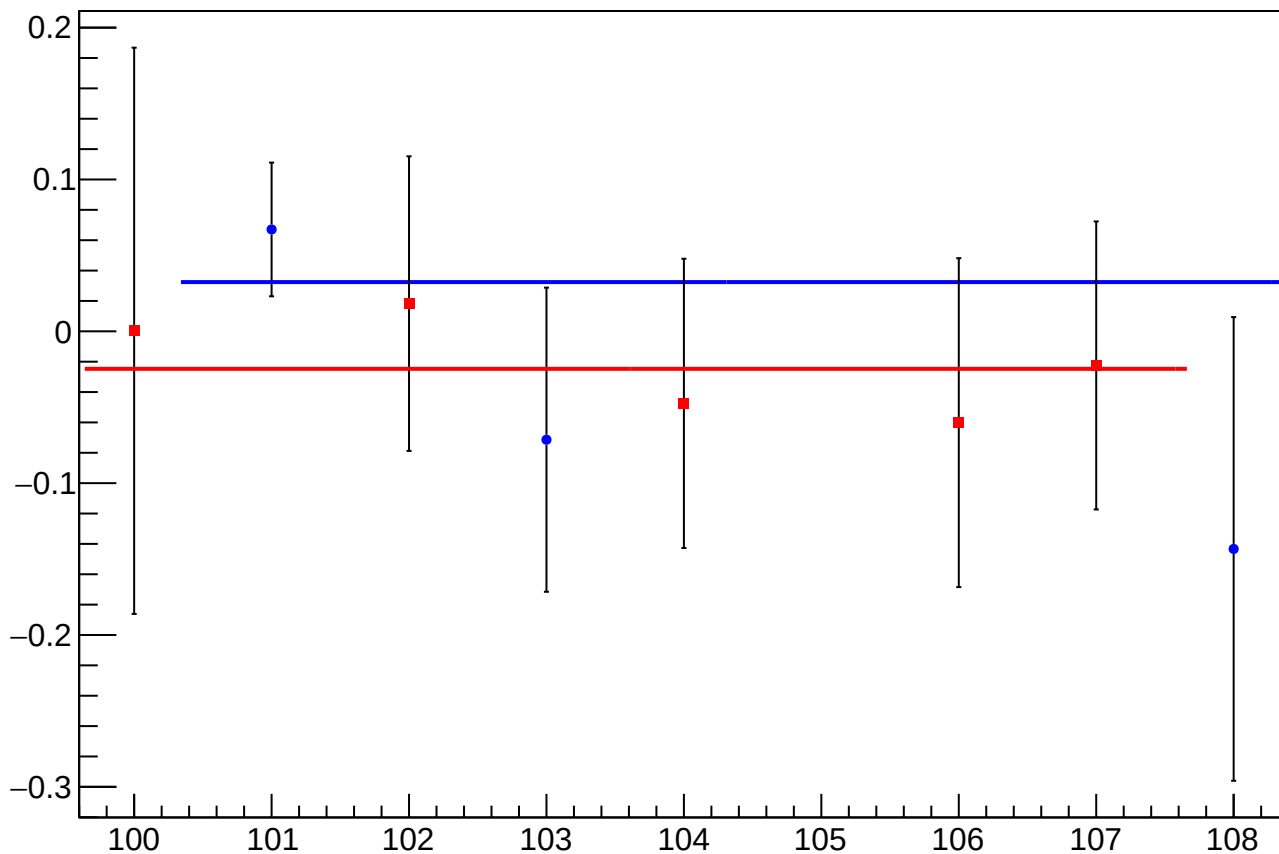
Right: 47.717+/-0.021 χ^2/NDF : 767007.5/7

In: 41.624+/-0.028 χ^2/NDF : 497463.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.717+/-0.021 χ^2/NDF : 767007.5/7

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.032 $\pm$ 0.039 χ^2 /NDF: 3.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.025 $\pm$ 0.048 χ^2 /NDF: 0.4/4

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

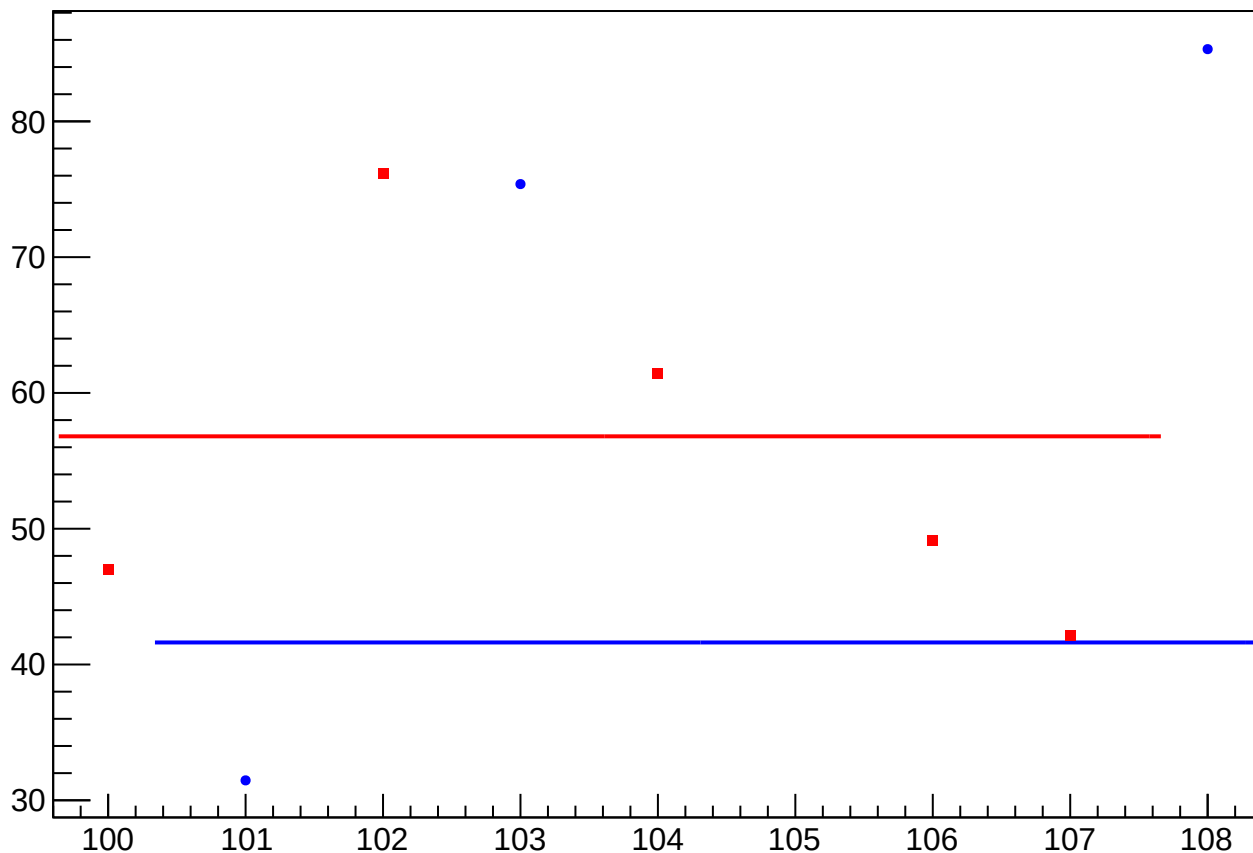
Right: 0.009 $\pm$ 0.030 χ^2 /NDF: 4.3/7

In: 0.032 $\pm$ 0.039 χ^2 /NDF:3.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.030 χ^2 /NDF: 4.3/7

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.624+/-0.028 χ^2/NDF : 497463.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.804+/-0.034 χ^2/NDF : 147713.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

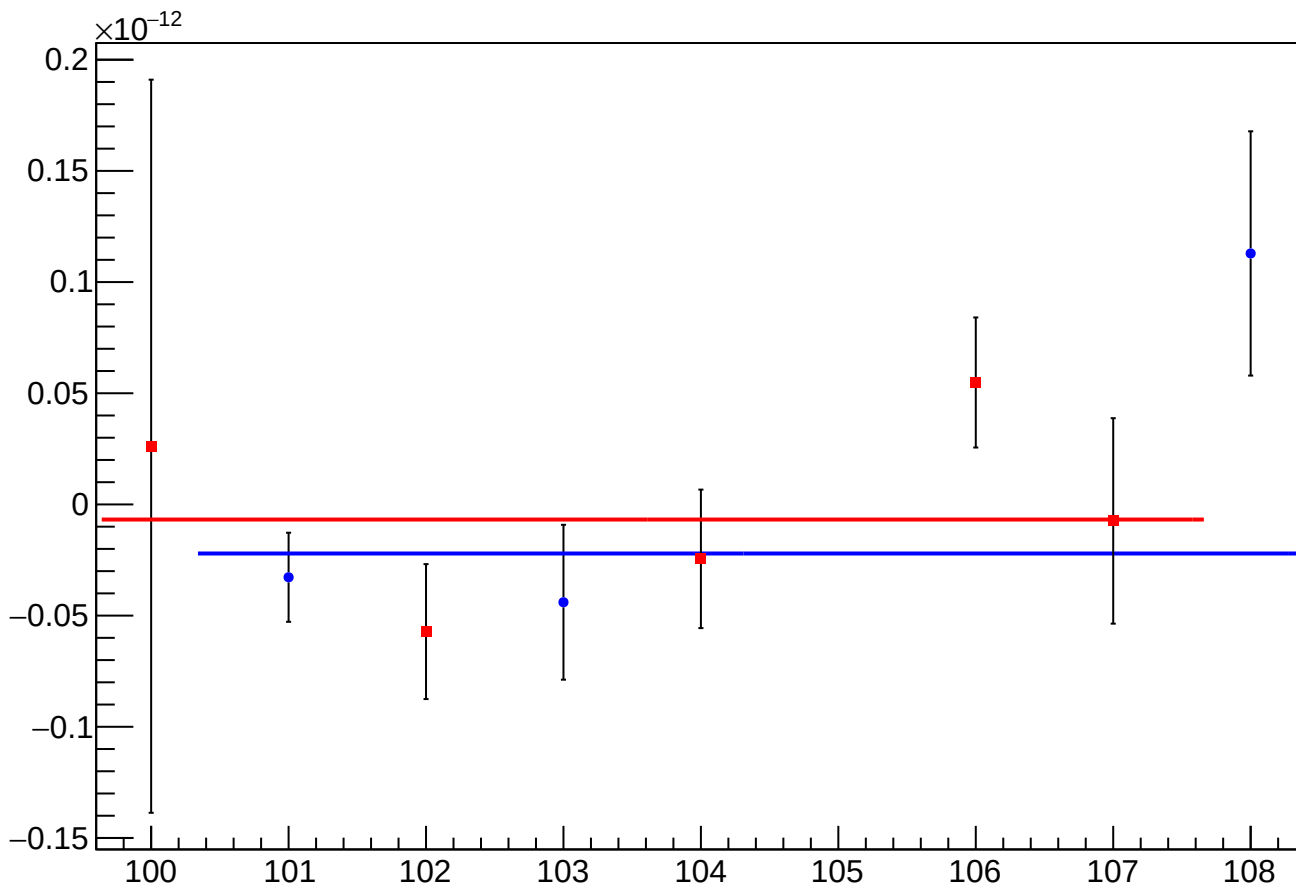
Right: 47.717+/-0.021 χ^2/NDF : 767007.5/7

In: 41.624+/-0.028 χ^2/NDF : 497463.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.717+/-0.021 χ^2/NDF : 767007.5/7

asym_sam_37_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

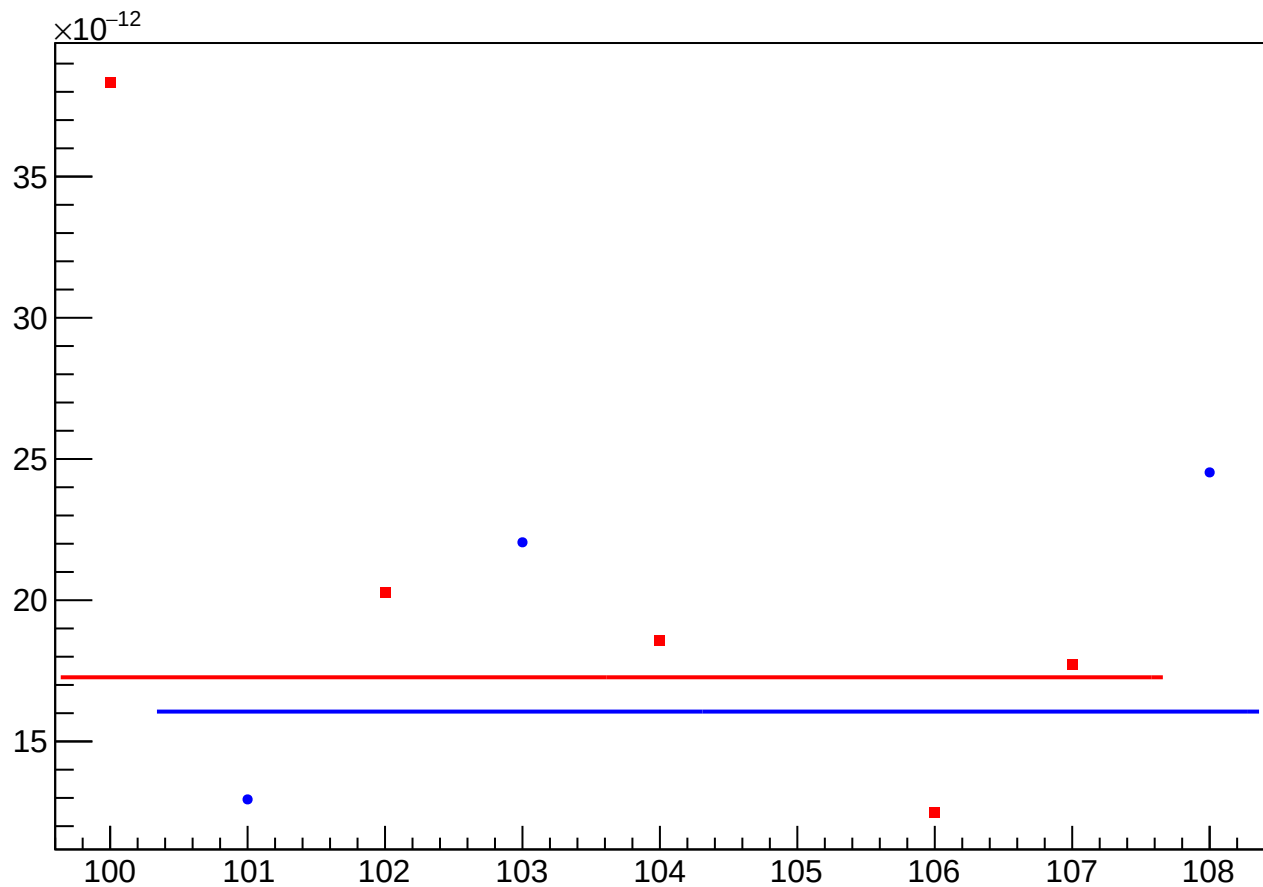
Right: -0.000+/-0.000 χ^2/NDF : 14.7/7

In: -0.000+/-0.000 χ^2/NDF : 6.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.7/7

asym_sam_37_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 154968.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 109148.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

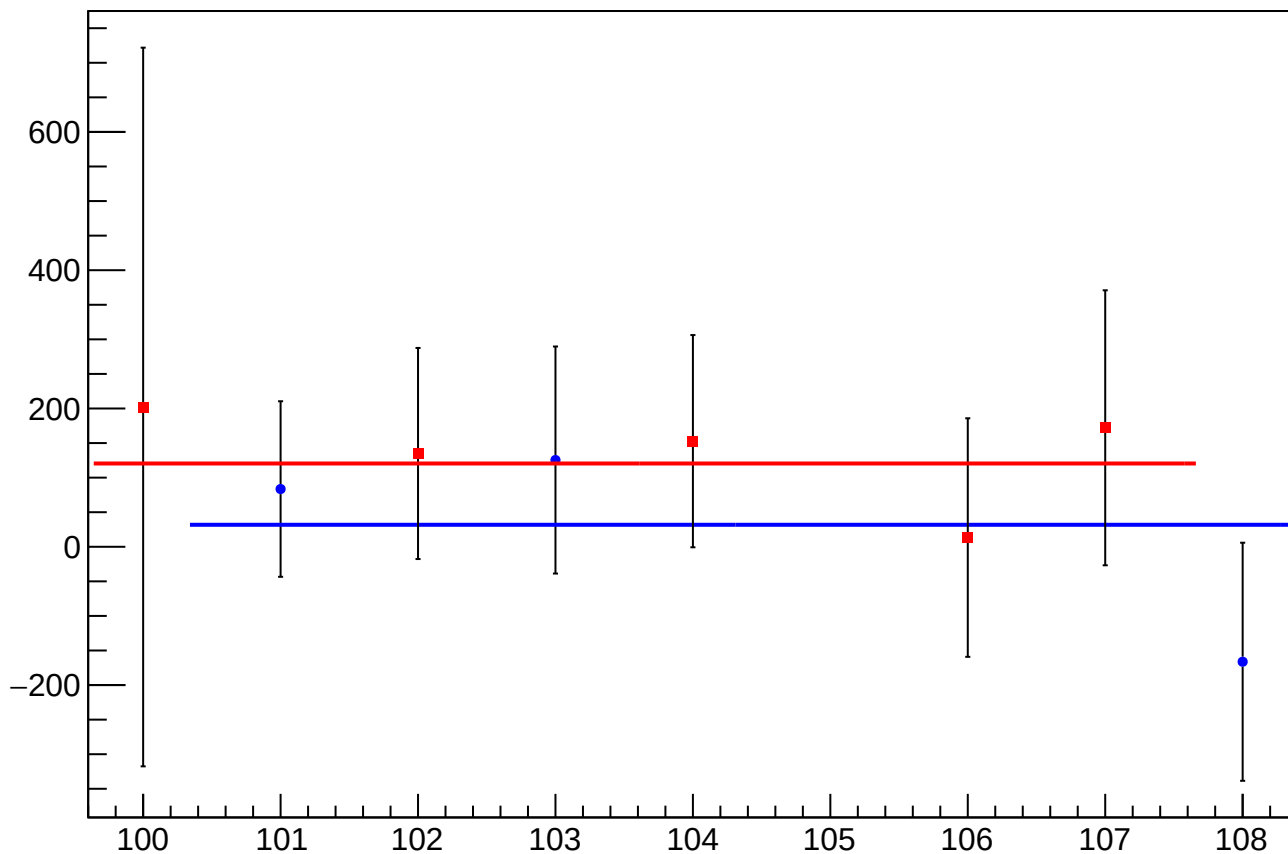
Right: 0.000+/-0.000 χ^2/NDF : 269599.0/7

In: 0.000+/-0.000 χ^2/NDF : 154968.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 269599.0/7

reg_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 31.815+/-86.748 χ^2/NDF : 1.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.455+/-82.212 χ^2/NDF : 0.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

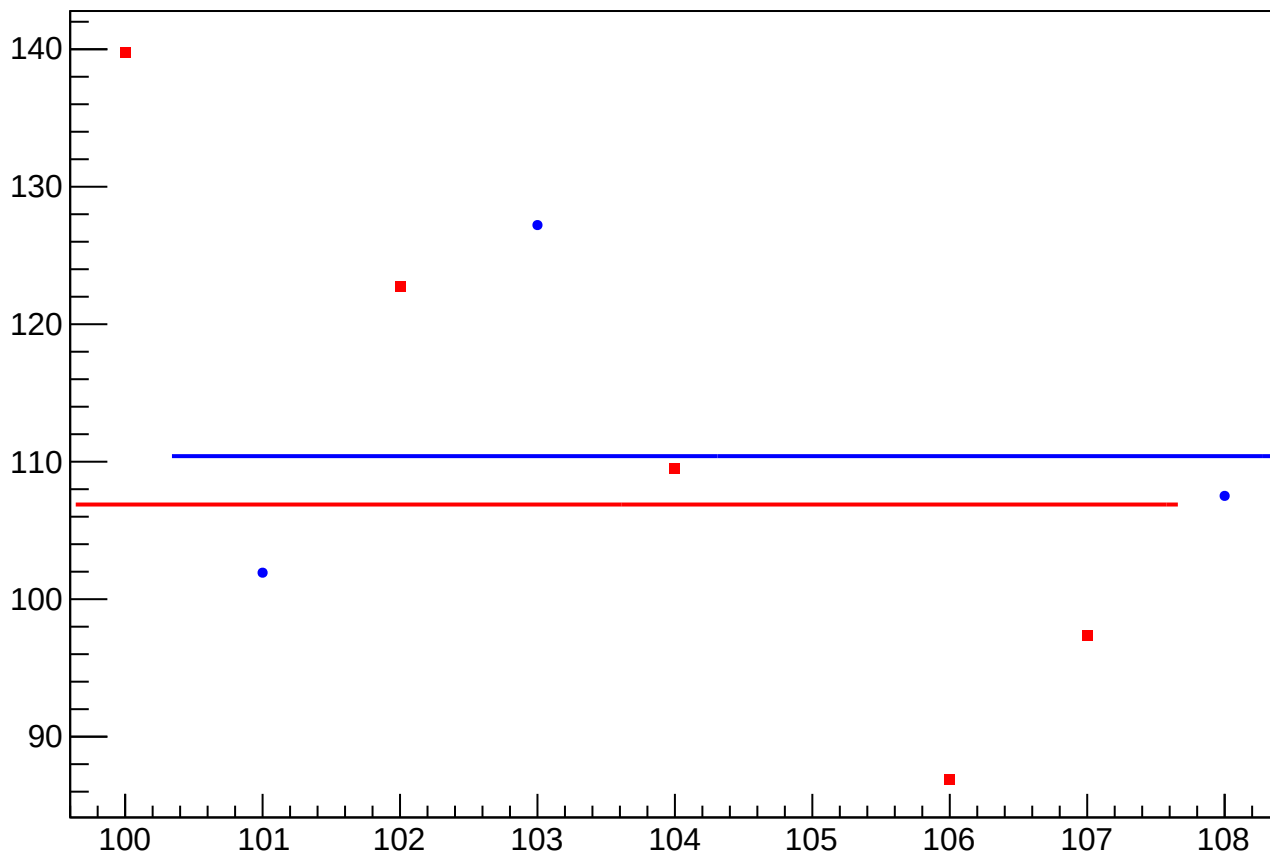
Right: 78.512+/-59.672 χ^2/NDF : 2.9/7

In: 31.815+/-86.748 χ^2/NDF : 1.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.512+/-59.672 χ^2/NDF : 2.9/7

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 110.405+/-0.061 χ^2/NDF : 30441.5/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 106.886+/-0.058 χ^2/NDF : 61564.9/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

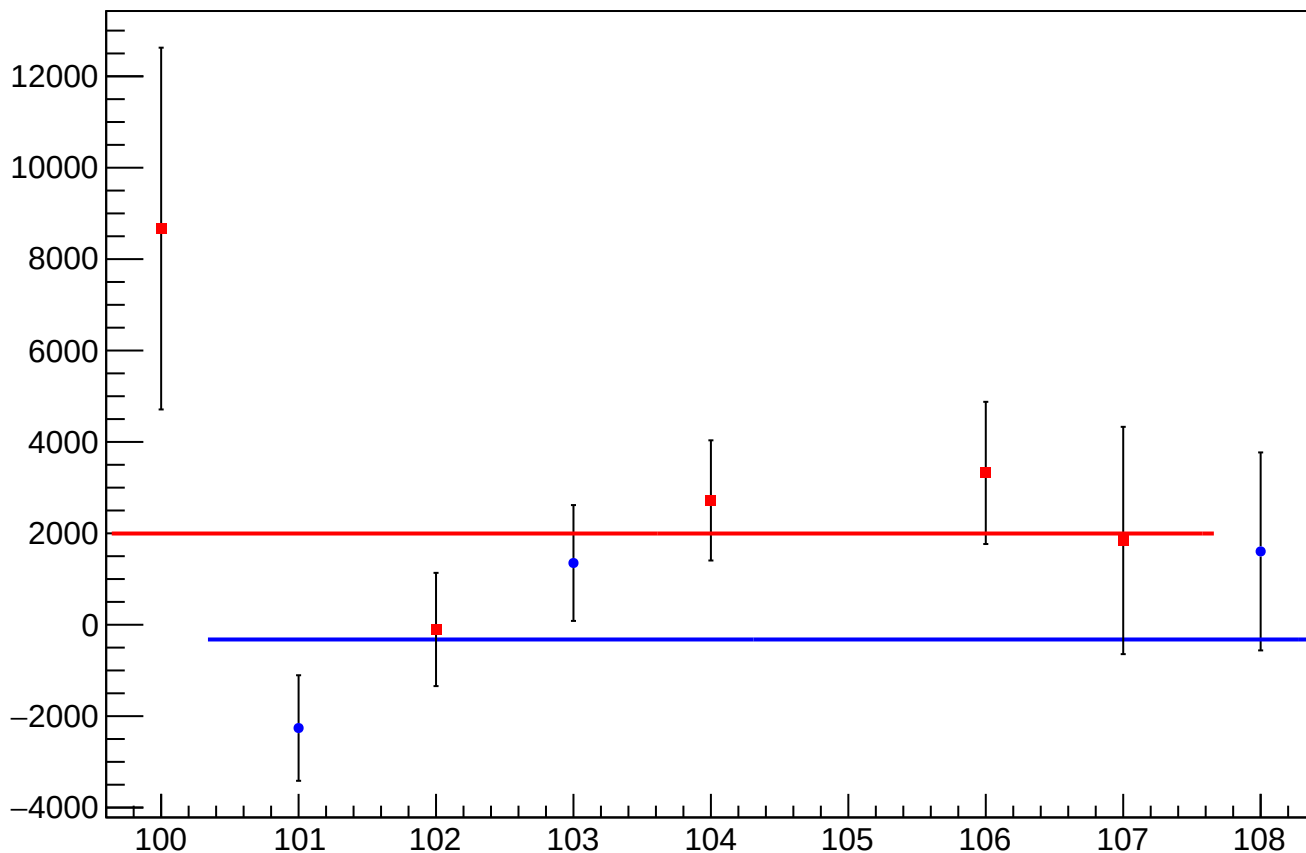
Right: 108.551+/-0.042 χ^2/NDF : 93740.4/7

In: 110.405+/-0.061 χ^2/NDF :30441.5/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 108.551+/-0.042 χ^2/NDF : 93740.4/7

asym_sam_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -322.433+/-794.094 χ^2/NDF : 5.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1996.207+/-731.487 χ^2/NDF : 6.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

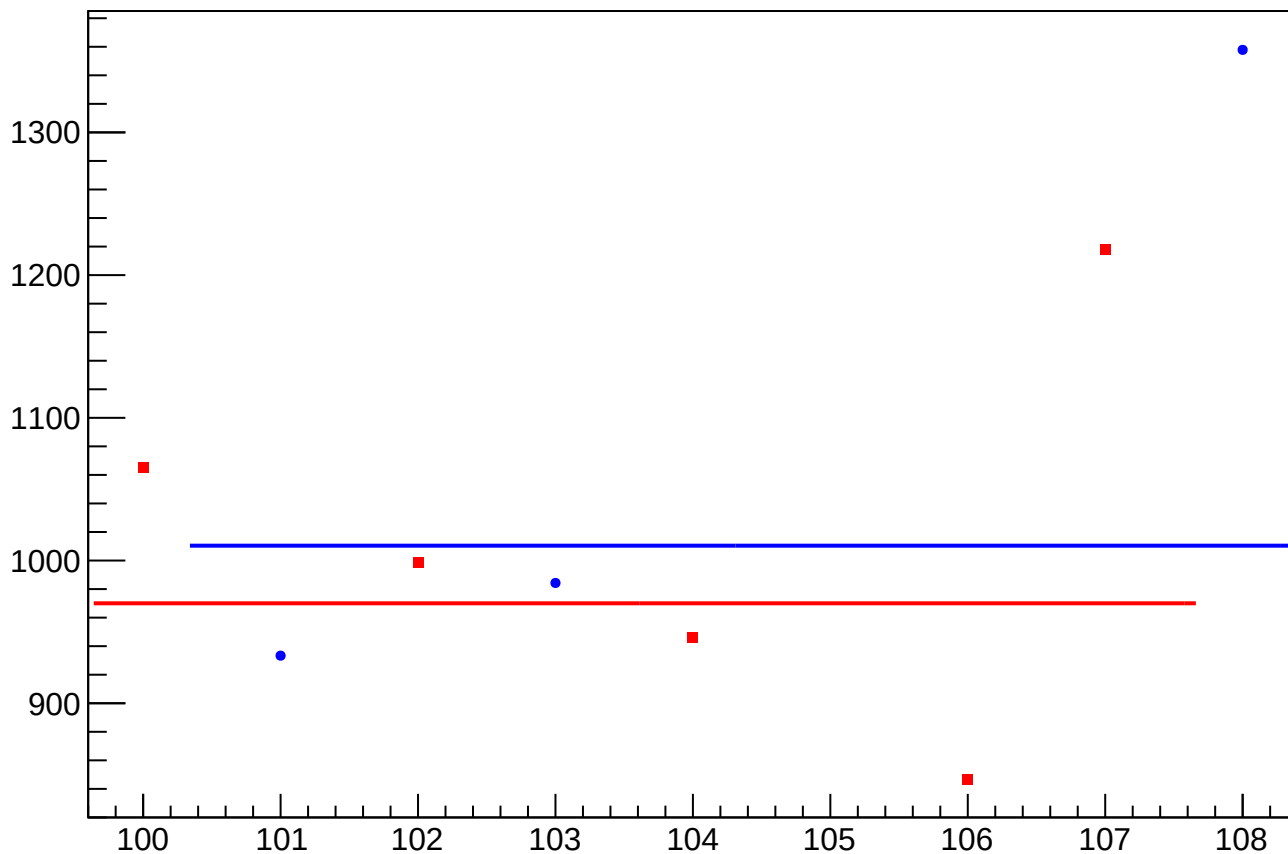
Right: 931.879+/-538.013 χ^2/NDF : 16.7/7

In: -322.433+/-794.094 χ^2/NDF : 5.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 931.879+/-538.013 χ^2/NDF : 16.7/7

asym_sam_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1010.417+/-0.562 χ^2/NDF : 61221.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 970.042+/-0.517 χ^2/NDF : 35304.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

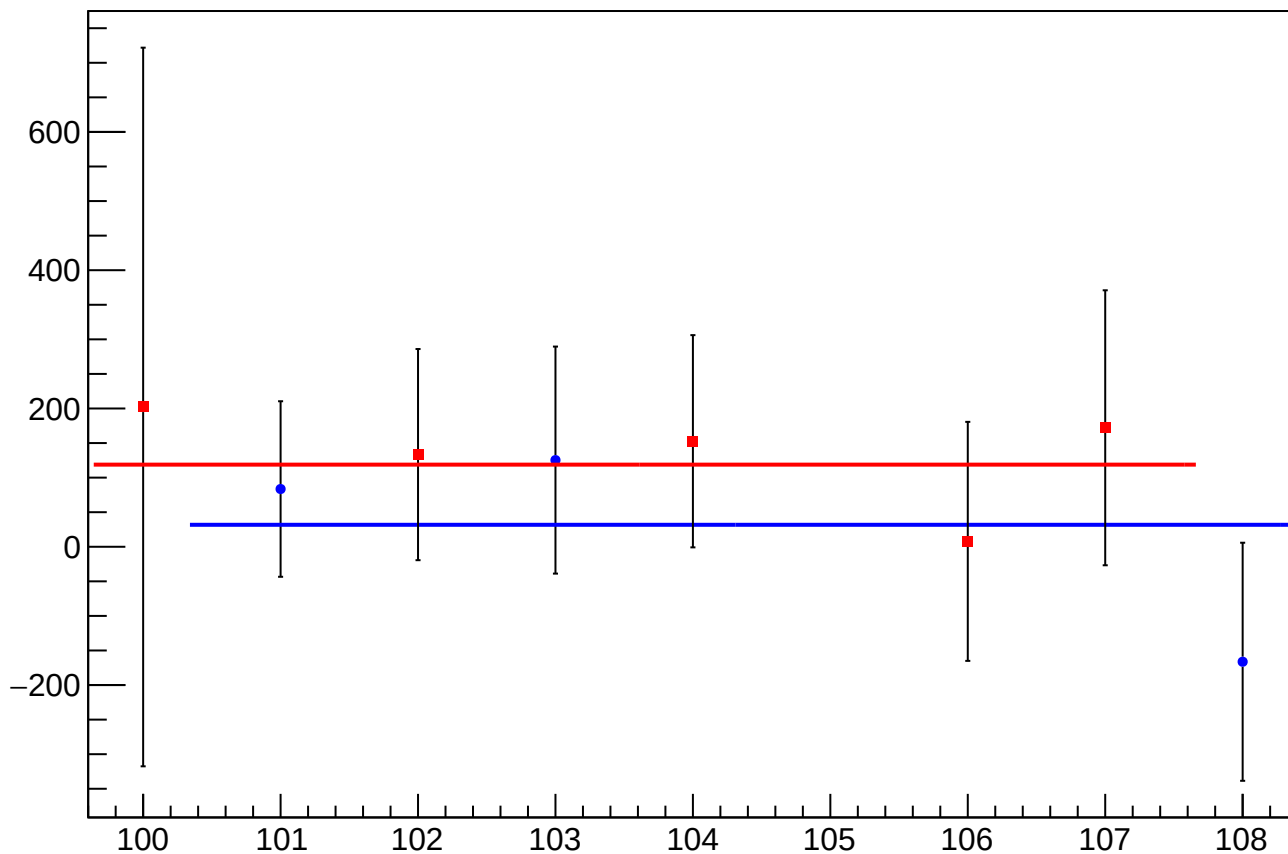
Right: 988.576+/-0.380 χ^2/NDF : 99322.9/7

In: 1010.417+/-0.562 χ^2/NDF : 61221.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 988.576+/-0.380 χ^2/NDF : 99322.9/7

cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 31.781+/-86.748 χ^2/NDF : 1.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.792+/-82.257 χ^2/NDF : 0.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

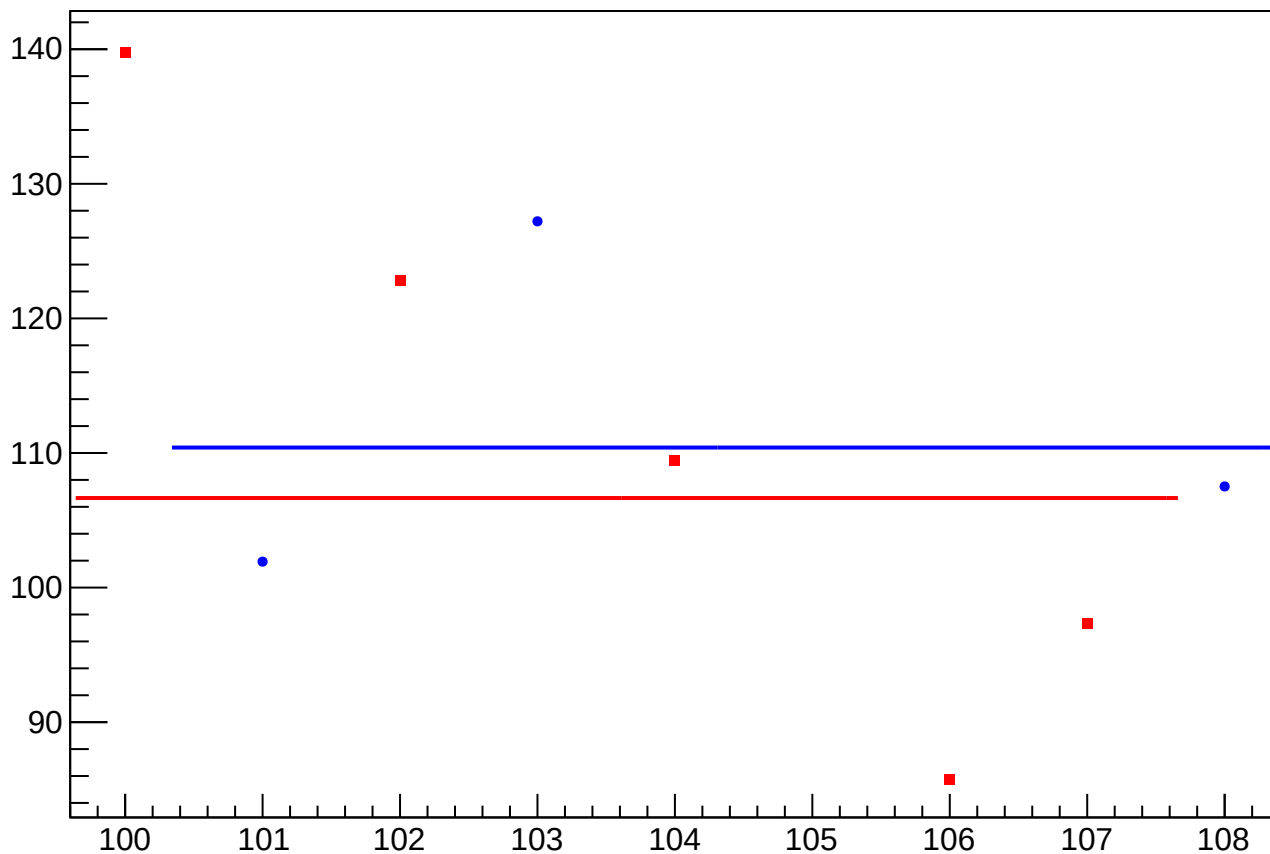
Right: 77.597+/-59.689 χ^2/NDF : 2.9/7

In: 31.781+/-86.748 χ^2/NDF : 1.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.597+/-59.689 χ^2/NDF : 2.9/7

cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 110.405 $\pm$ 0.061 χ^2 /NDF: 30442.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 106.654 $\pm$ 0.058 χ^2 /NDF: 64709.7/4

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

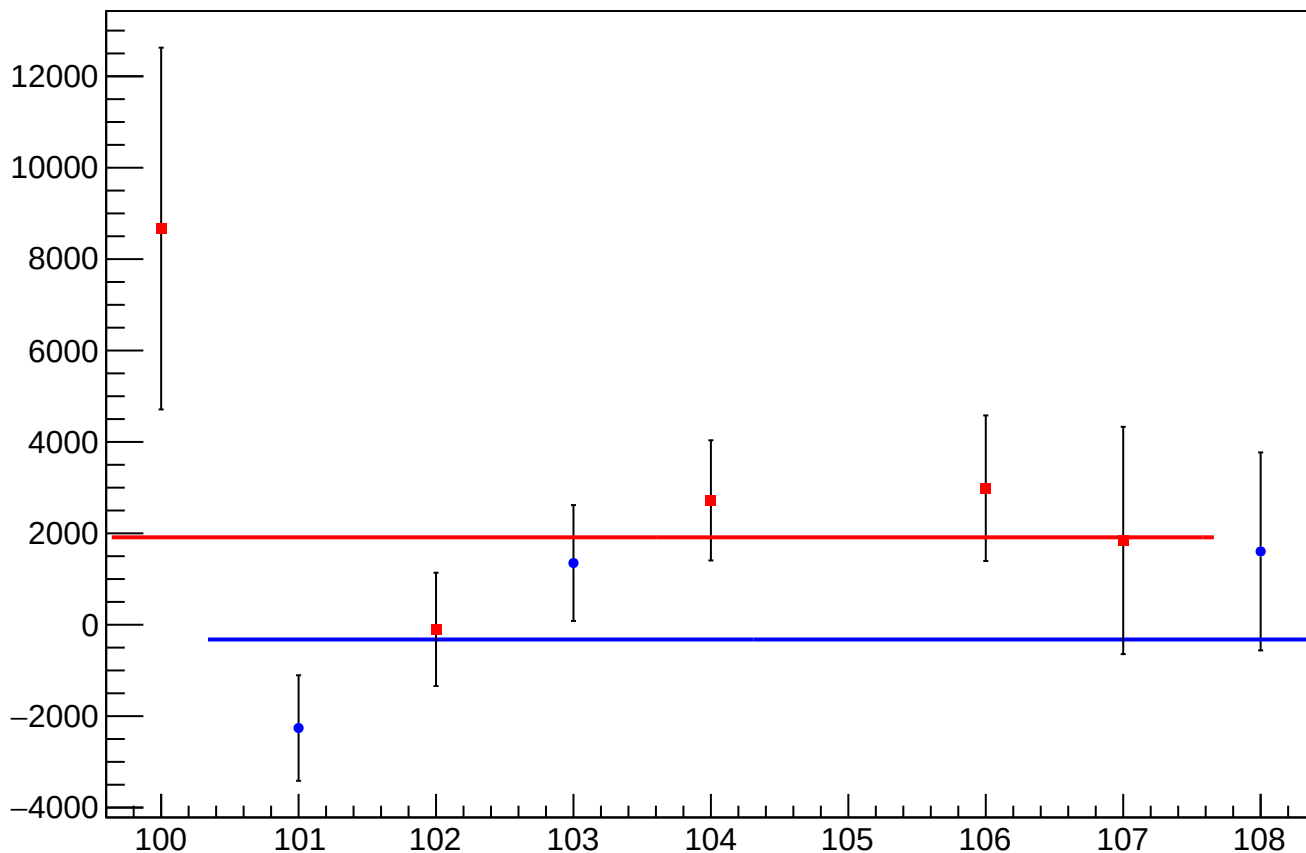
Right: 108.430 $\pm$ 0.042 χ^2 /NDF: 97121.8/7

In: 110.405 $\pm$ 0.061 χ^2 /NDF:30442.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 108.430 $\pm$ 0.042 χ^2 /NDF: 97121.8/7

asym_sam_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -322.752+/-794.113 χ^2/NDF : 5.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1912.851+/-735.308 χ^2/NDF : 6.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

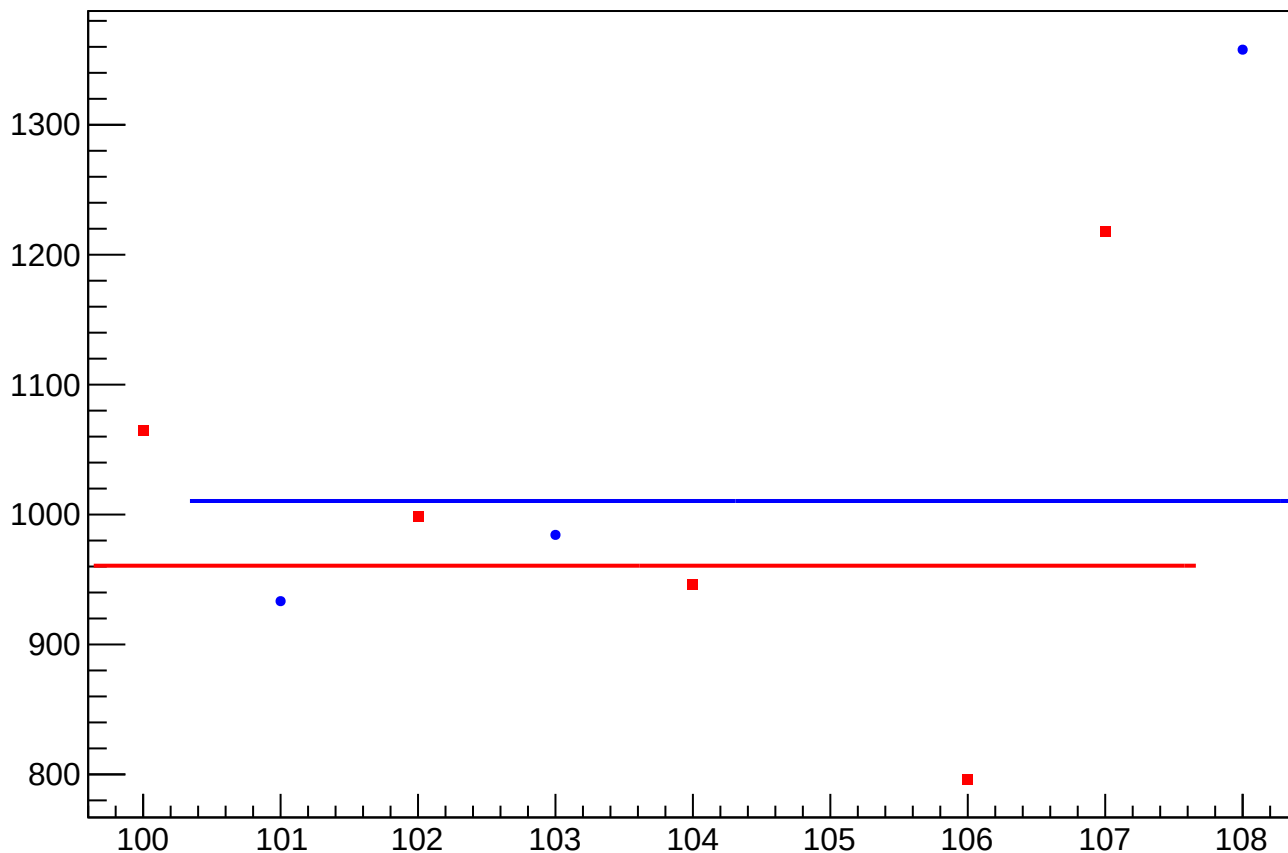
Right: 880.880+/-539.534 χ^2/NDF : 16.0/7

In: -322.752+/-794.113 χ^2/NDF : 5.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 880.880+/-539.534 χ^2/NDF : 16.0/7

asym_sam_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1010.442 $\pm$ 0.562 χ^2 /NDF: 61217.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 960.635 $\pm$ 0.520 χ^2 /NDF: 46268.6/4

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

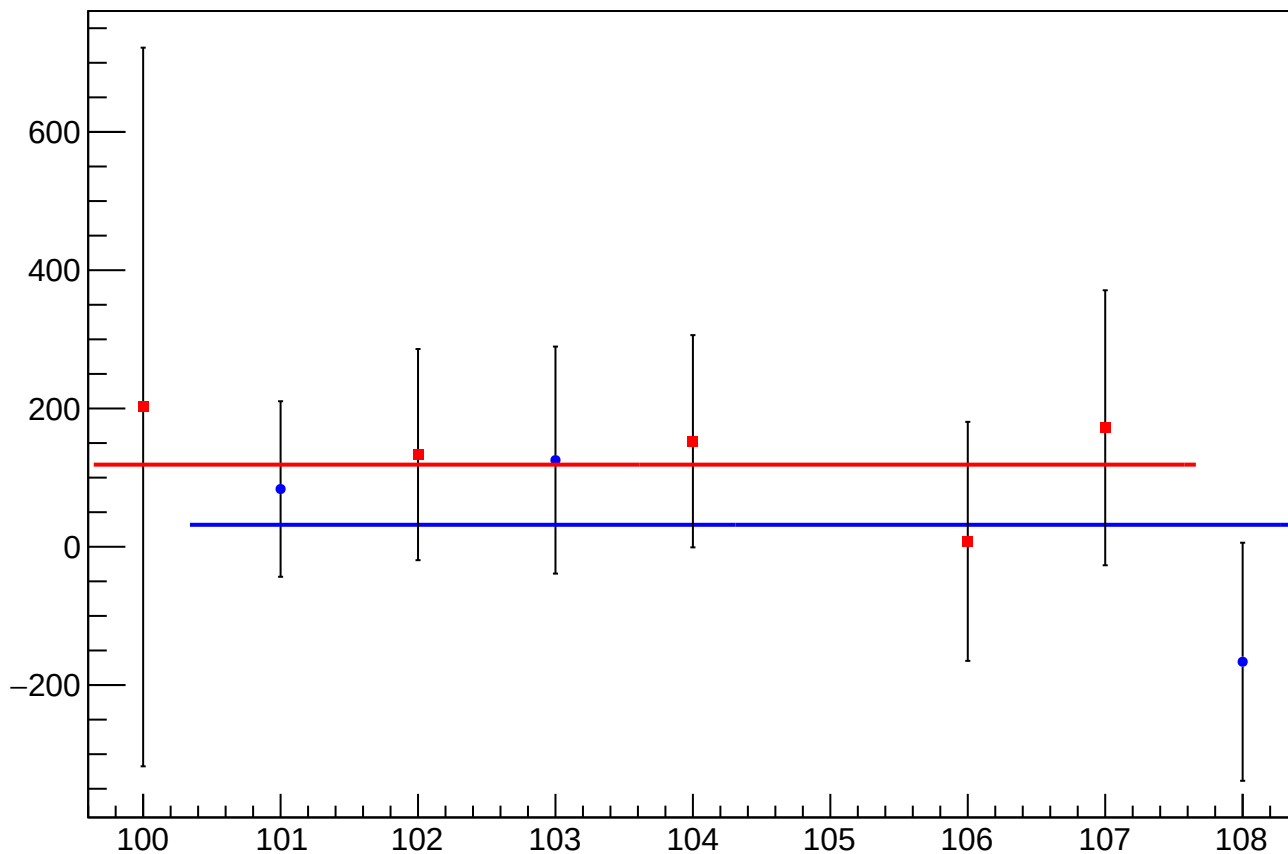
Right: 983.626 $\pm$ 0.382 χ^2 /NDF: 111722.0/7

In: 1010.442 $\pm$ 0.562 χ^2 /NDF: 61217.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 983.626 $\pm$ 0.382 χ^2 /NDF: 111722.0/7

eigen_cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 31.781+/-86.748 χ^2/NDF : 1.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.792+/-82.257 χ^2/NDF : 0.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

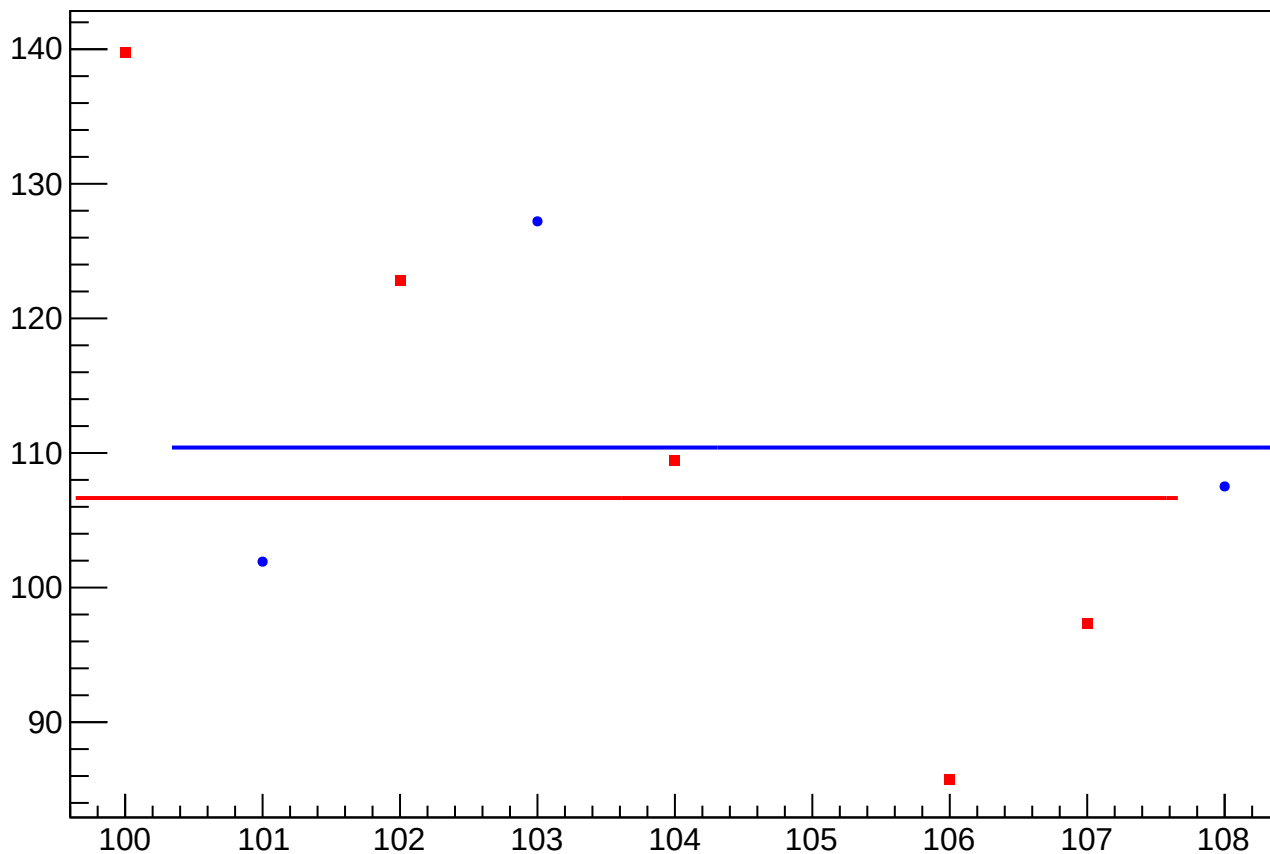
Right: 77.597+/-59.689 χ^2/NDF : 2.9/7

In: 31.781+/-86.748 χ^2/NDF : 1.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.597+/-59.689 χ^2/NDF : 2.9/7

eigen_cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 110.405 $\pm$ 0.061 χ^2 /NDF: 30442.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 106.654 $\pm$ 0.058 χ^2 /NDF: 64709.7/4

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

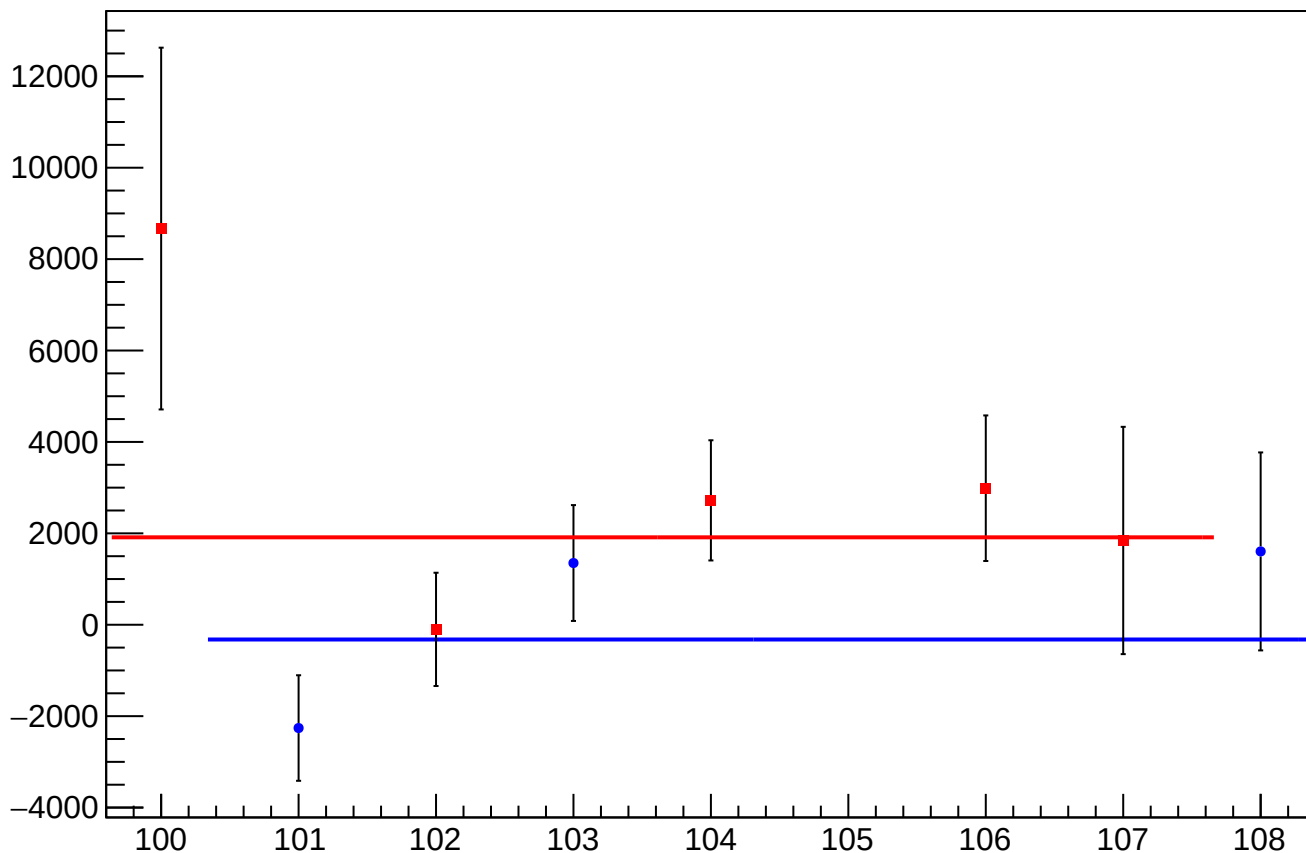
Right: 108.430 $\pm$ 0.042 χ^2 /NDF: 97121.8/7

In: 110.405 $\pm$ 0.061 χ^2 /NDF:30442.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 108.430 $\pm$ 0.042 χ^2 /NDF: 97121.8/7

asym_sam_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -322.752+/-794.113 χ^2/NDF : 5.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1912.851+/-735.308 χ^2/NDF : 6.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

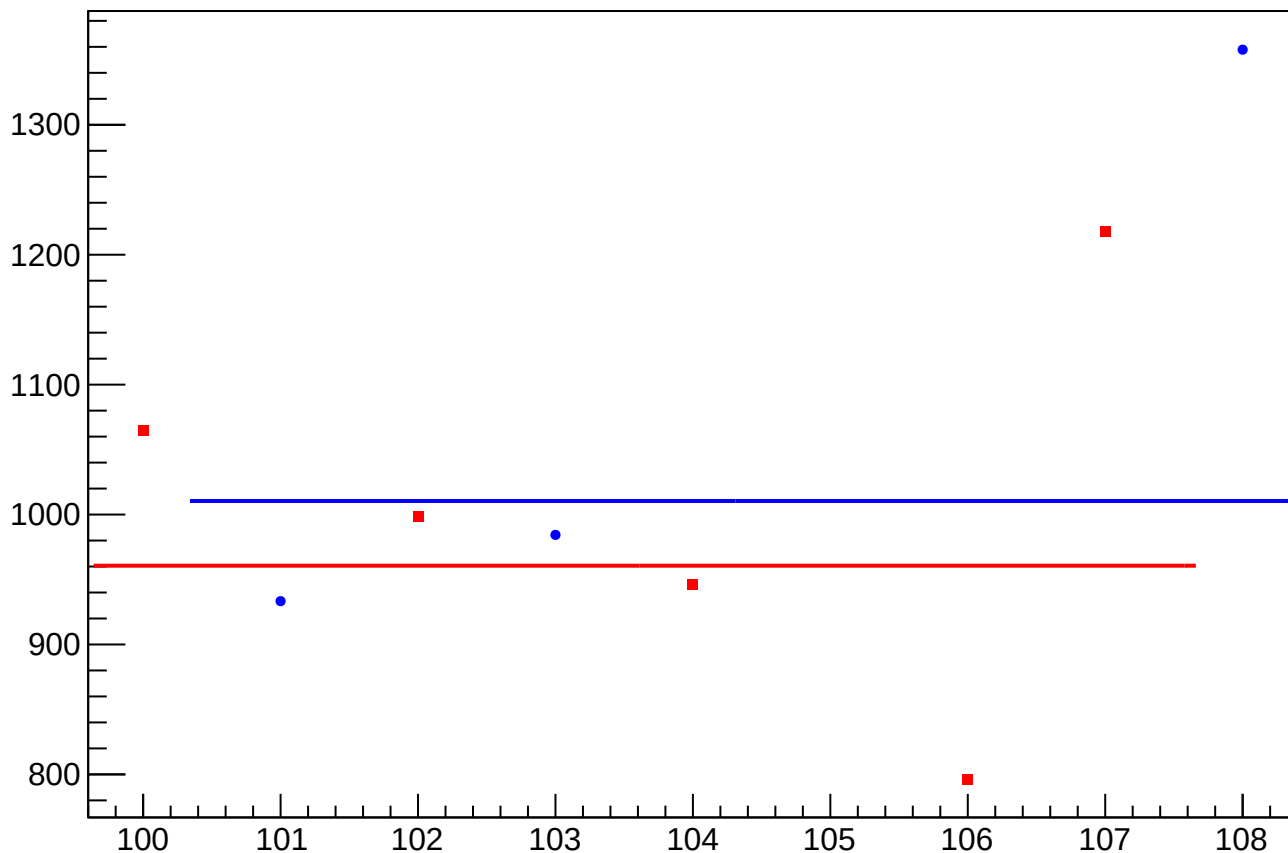
Right: 880.880+/-539.534 χ^2/NDF : 16.0/7

In: -322.752+/-794.113 χ^2/NDF : 5.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 880.880+/-539.534 χ^2/NDF : 16.0/7

asym_sam_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1010.442+/-0.562 χ^2/NDF : 61217.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 960.635+/-0.520 χ^2/NDF : 46268.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

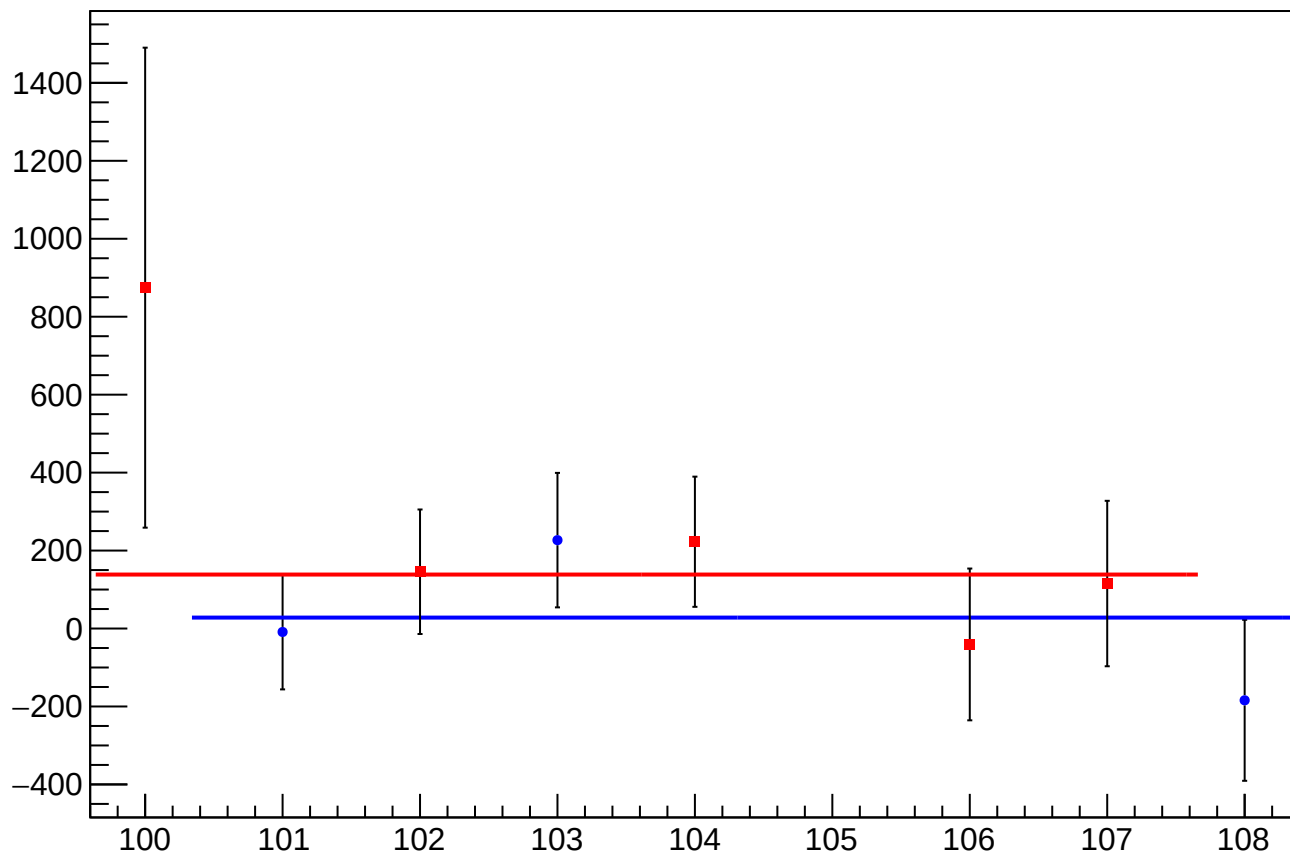
Right: 983.626+/-0.382 χ^2/NDF : 111722.0/7

In: 1010.442+/-0.562 χ^2/NDF : 61217.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 983.626+/-0.382 χ^2/NDF : 111722.0/7

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 28.062 $\pm$ 98.480 χ^2 /NDF: 2.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 138.478 $\pm$ 88.994 χ^2 /NDF: 2.5/4

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

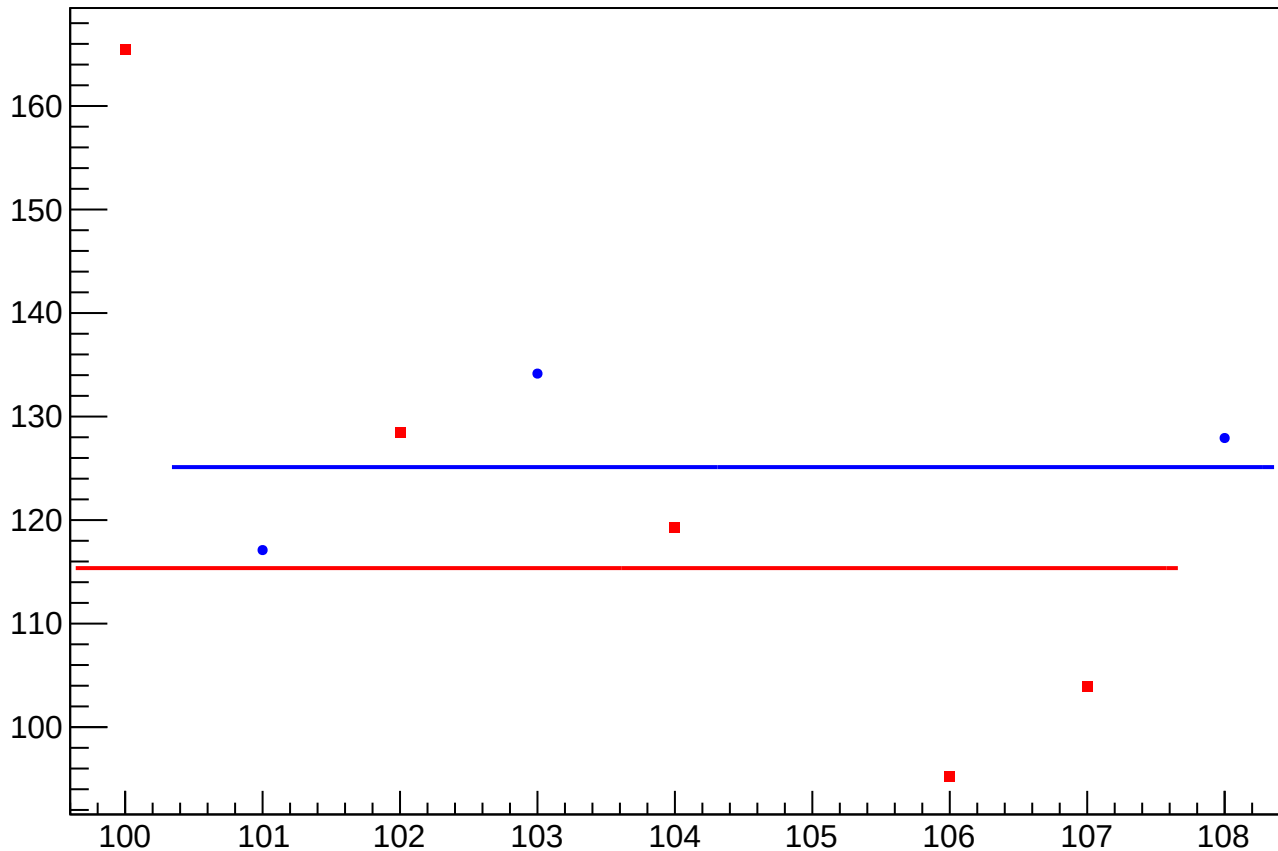
Right: 88.843 $\pm$ 66.028 χ^2 /NDF: 5.7/7

In: 28.062 $\pm$ 98.480 χ^2 /NDF:2.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 88.843 $\pm$ 66.028 χ^2 /NDF: 5.7/7

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 125.118 $\pm$ 0.070 χ^2 /NDF: 11770.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 115.361 $\pm$ 0.063 χ^2 /NDF: 54993.1/4

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

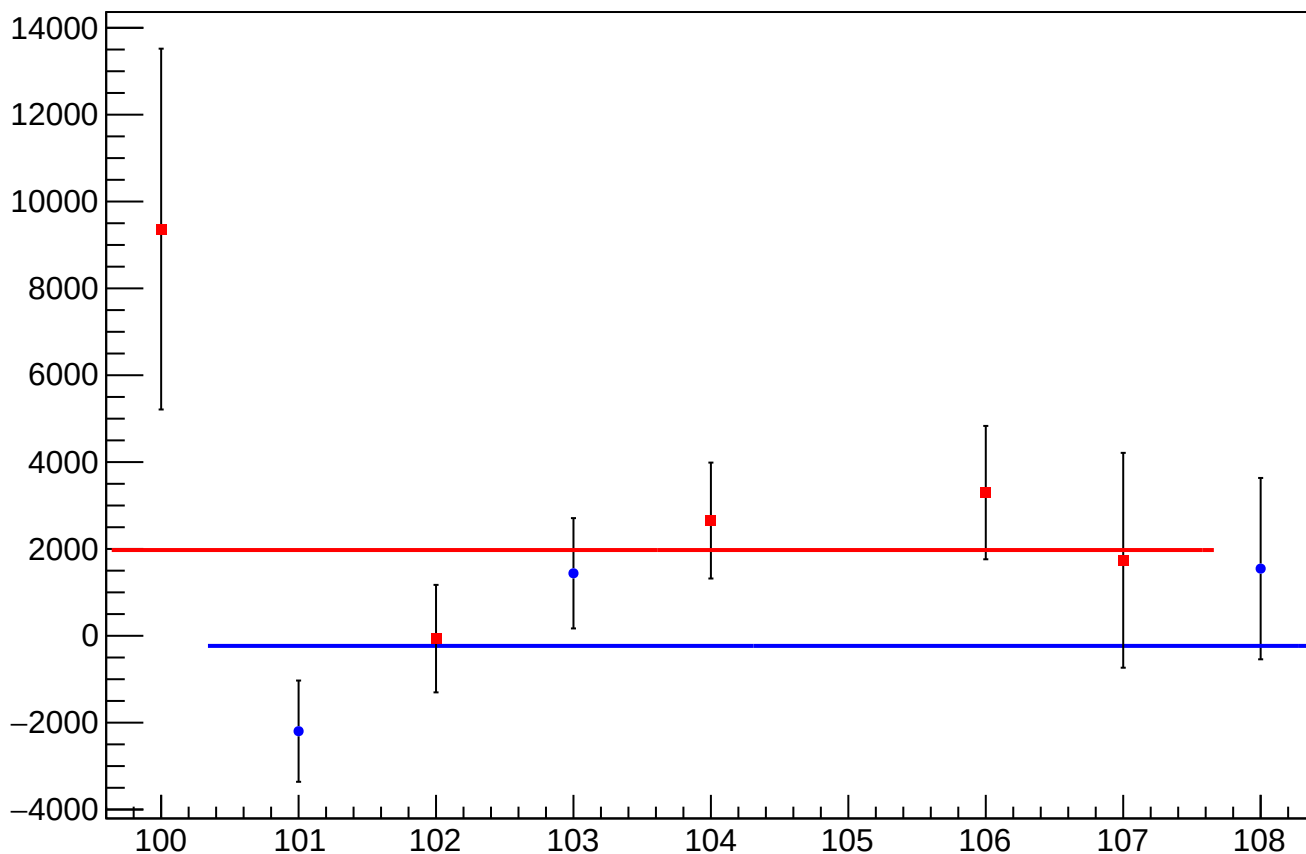
Right: 119.747 $\pm$ 0.047 χ^2 /NDF: 77570.9/7

In: 125.118 $\pm$ 0.070 χ^2 /NDF: 11770.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 119.747 $\pm$ 0.047 χ^2 /NDF: 77570.9/7

asym_sam_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -232.543+/-794.259 χ^2/NDF : 5.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1974.828+/-733.254 χ^2/NDF : 6.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

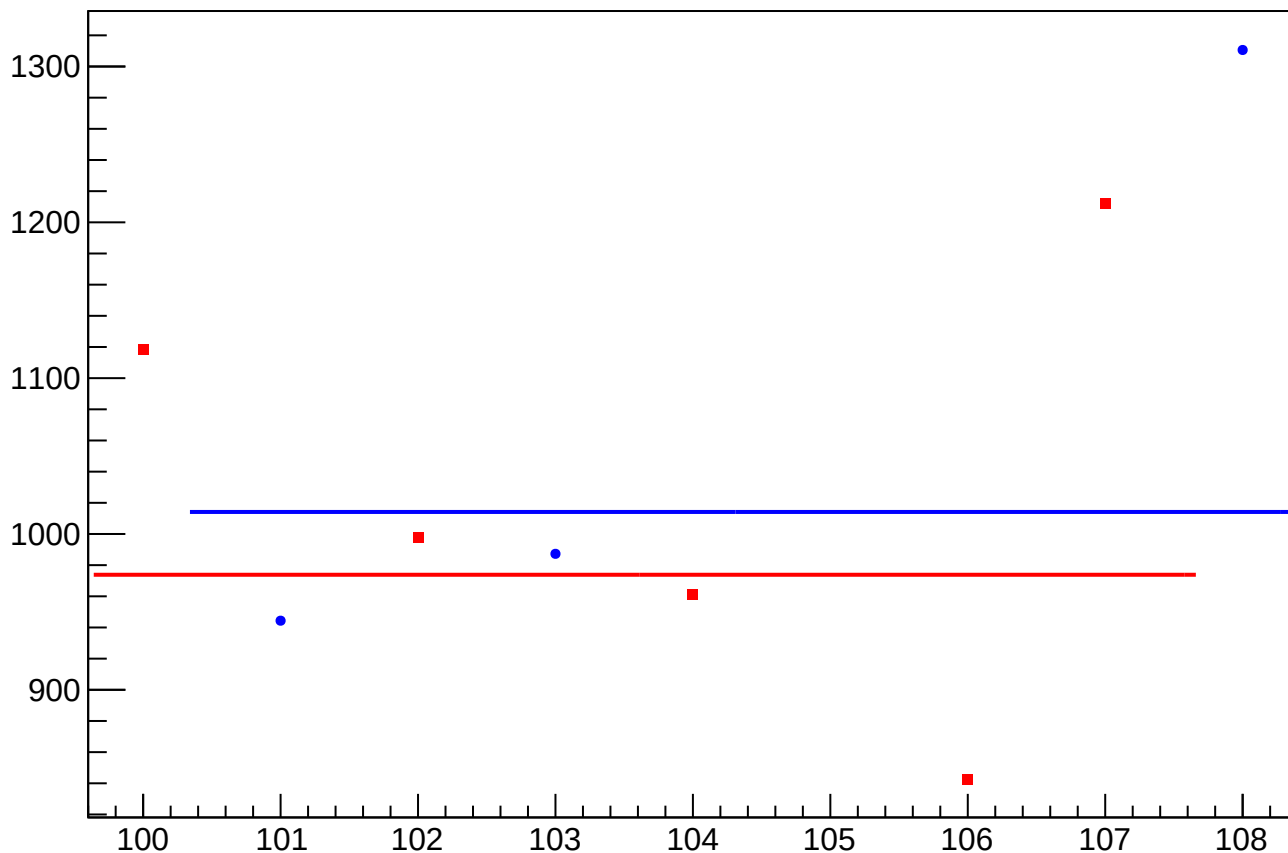
Right: 959.159+/-538.766 χ^2/NDF : 16.4/7

In: -232.543+/-794.259 χ^2/NDF : 5.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 959.159+/-538.766 χ^2/NDF : 16.4/7

asym_sam_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1014.140 $\pm$ 0.562 χ^2 /NDF: 48384.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 973.833 $\pm$ 0.518 χ^2 /NDF: 36525.2/4

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

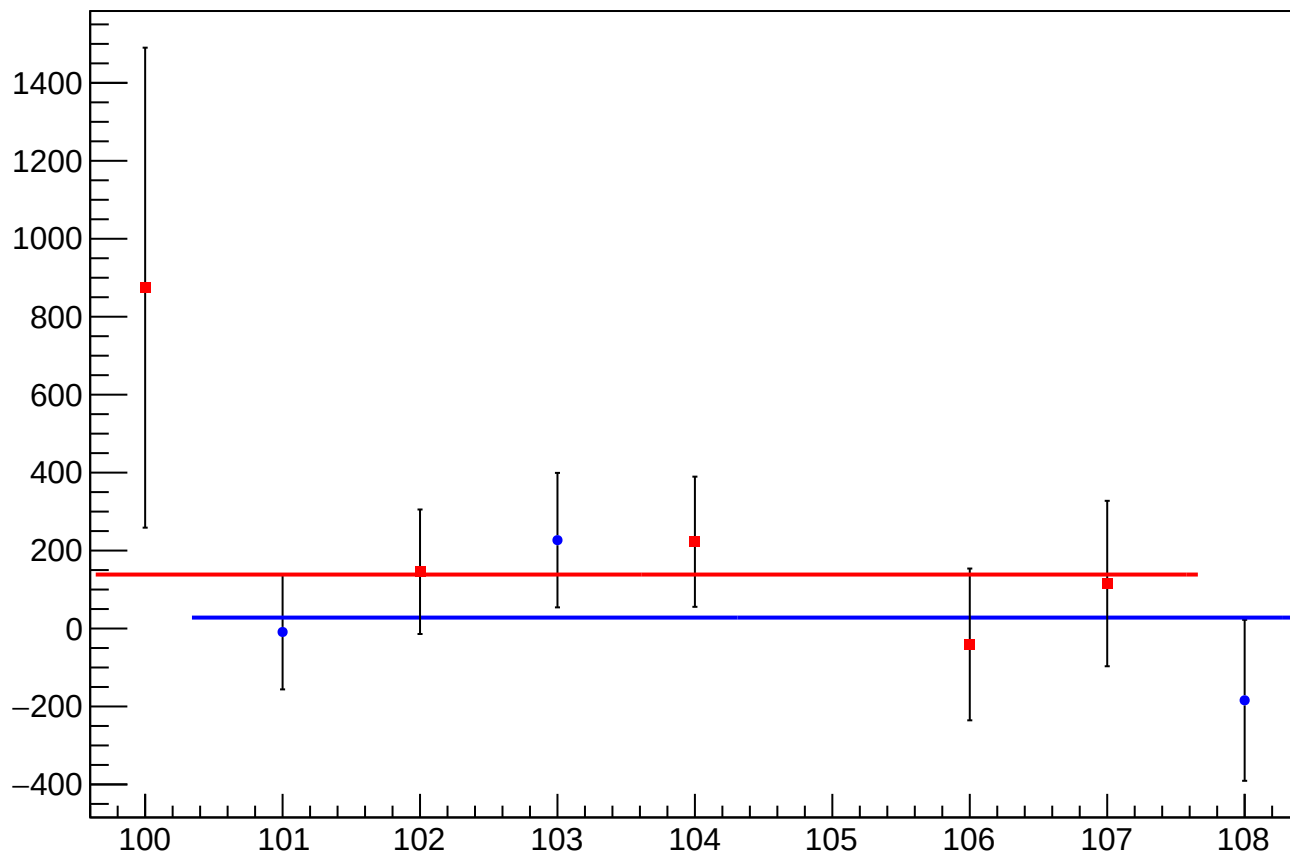
Right: 992.379 $\pm$ 0.381 χ^2 /NDF: 87690.4/7

In: 1014.140 $\pm$ 0.562 χ^2 /NDF:48384.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 992.379 $\pm$ 0.381 χ^2 /NDF: 87690.4/7

eigen_dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 28.062 $\pm$ 98.480 χ^2 /NDF: 2.4/2

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 138.477 $\pm$ -88.994 χ^2 /NDF: 2.5/4

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

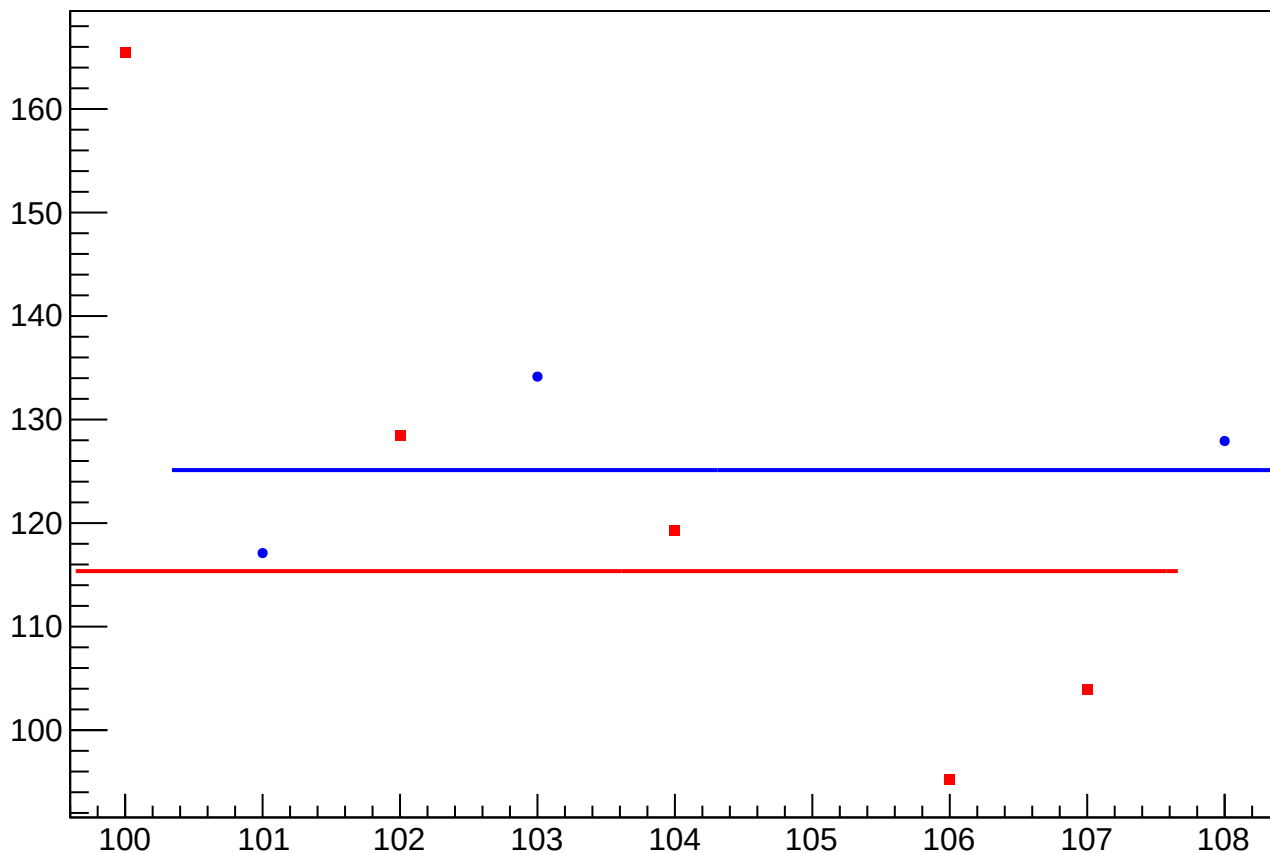
Right: 88.842 $\pm$ -66.028 χ^2 /NDF: 5.7/7

In: 28.062 $\pm$ 98.480 χ^2 /NDF:2.4/2

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 88.842 $\pm$ -66.028 χ^2 /NDF: 5.7/7

eigen_dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 125.119 $\pm$ 0.070 χ^2 /NDF: 11769.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 115.361 $\pm$ 0.063 χ^2 /NDF: 54992.6/4

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

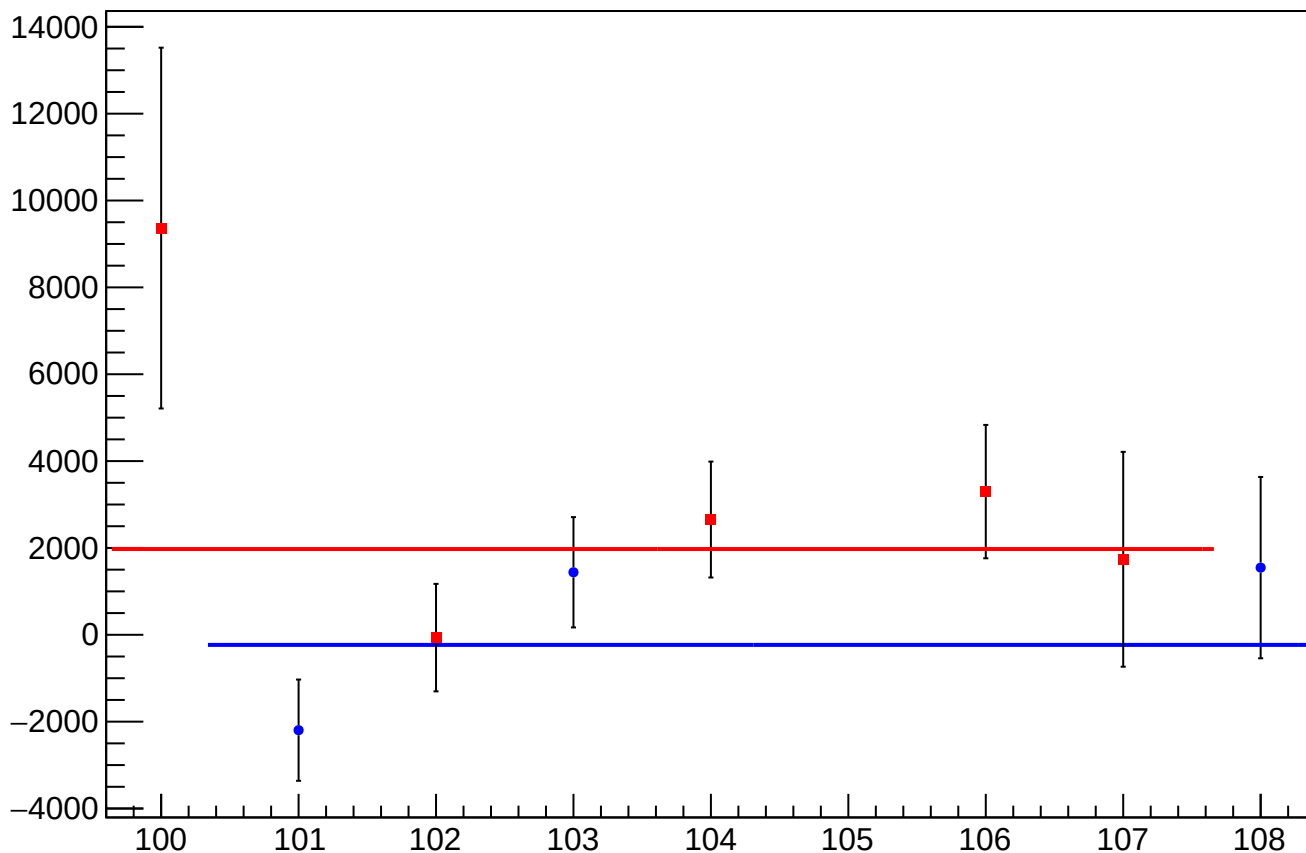
Right: 119.747 $\pm$ 0.047 χ^2 /NDF: 77570.3/7

In: 125.119 $\pm$ 0.070 χ^2 /NDF: 11769.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 119.747 $\pm$ 0.047 χ^2 /NDF: 77570.3/7

asym_sam_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -232.543+/-794.260 χ^2/NDF : 5.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1974.830+/-733.255 χ^2/NDF : 6.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

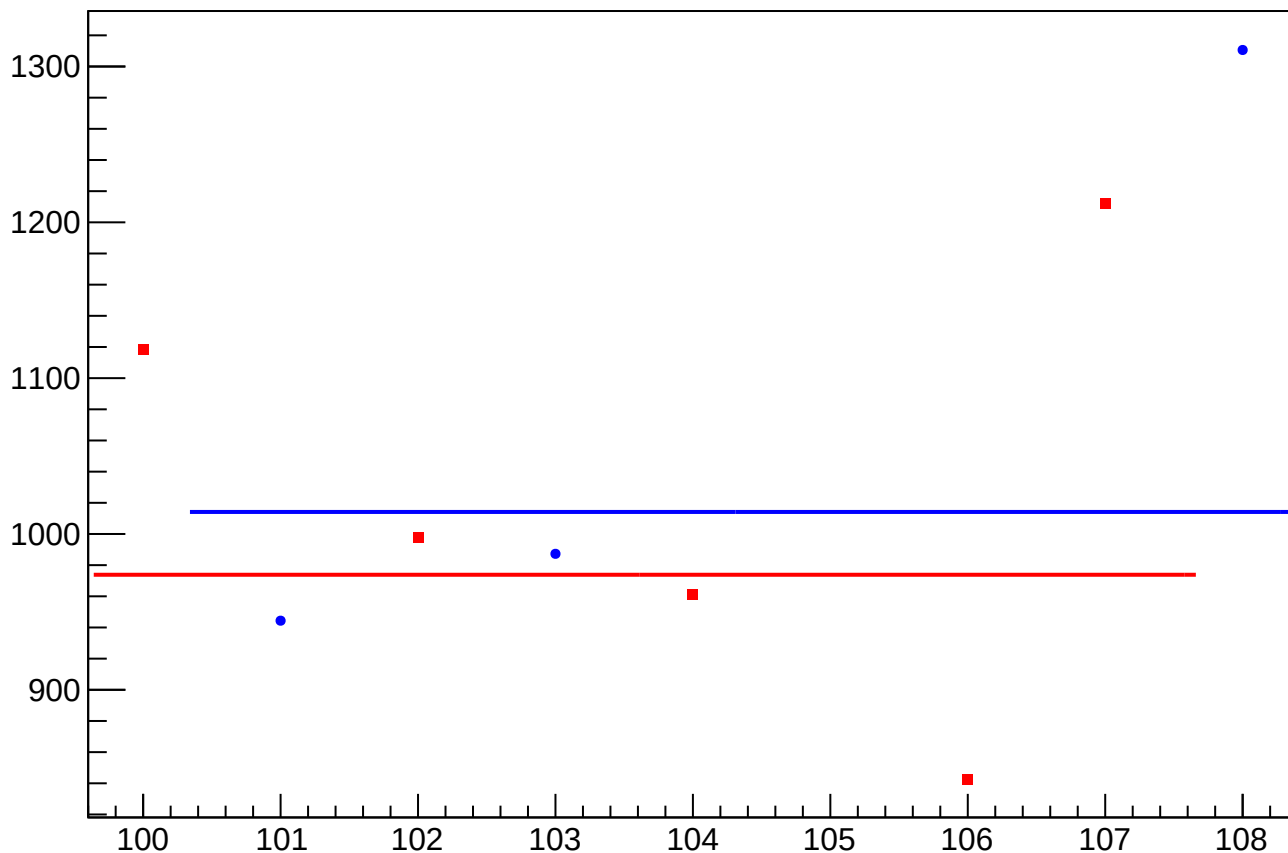
Right: 959.161+/-538.767 χ^2/NDF : 16.4/7

In: -232.543+/-794.260 χ^2/NDF : 5.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 959.161+/-538.767 χ^2/NDF : 16.4/7

asym_sam_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1014.141+/-0.562 χ^2/NDF : 48383.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 973.834+/-0.518 χ^2/NDF : 36525.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

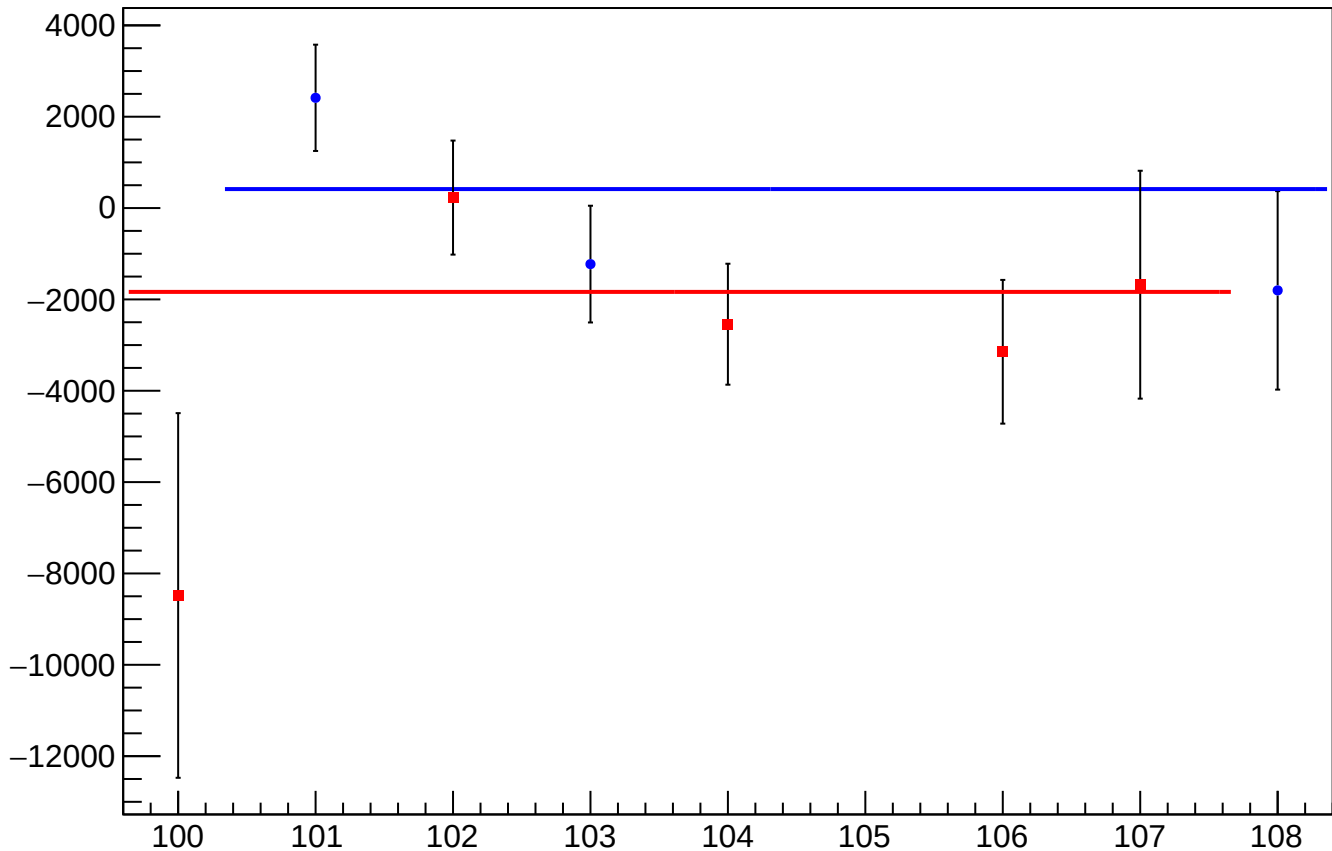
Right: 992.381+/-0.381 χ^2/NDF : 87690.1/7

In: 1014.141+/-0.562 χ^2/NDF : 48383.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 992.381+/-0.381 χ^2/NDF : 87690.1/7

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 415.678+/-799.980 χ^2/NDF : 5.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1835.498+/-737.338 χ^2/NDF : 6.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

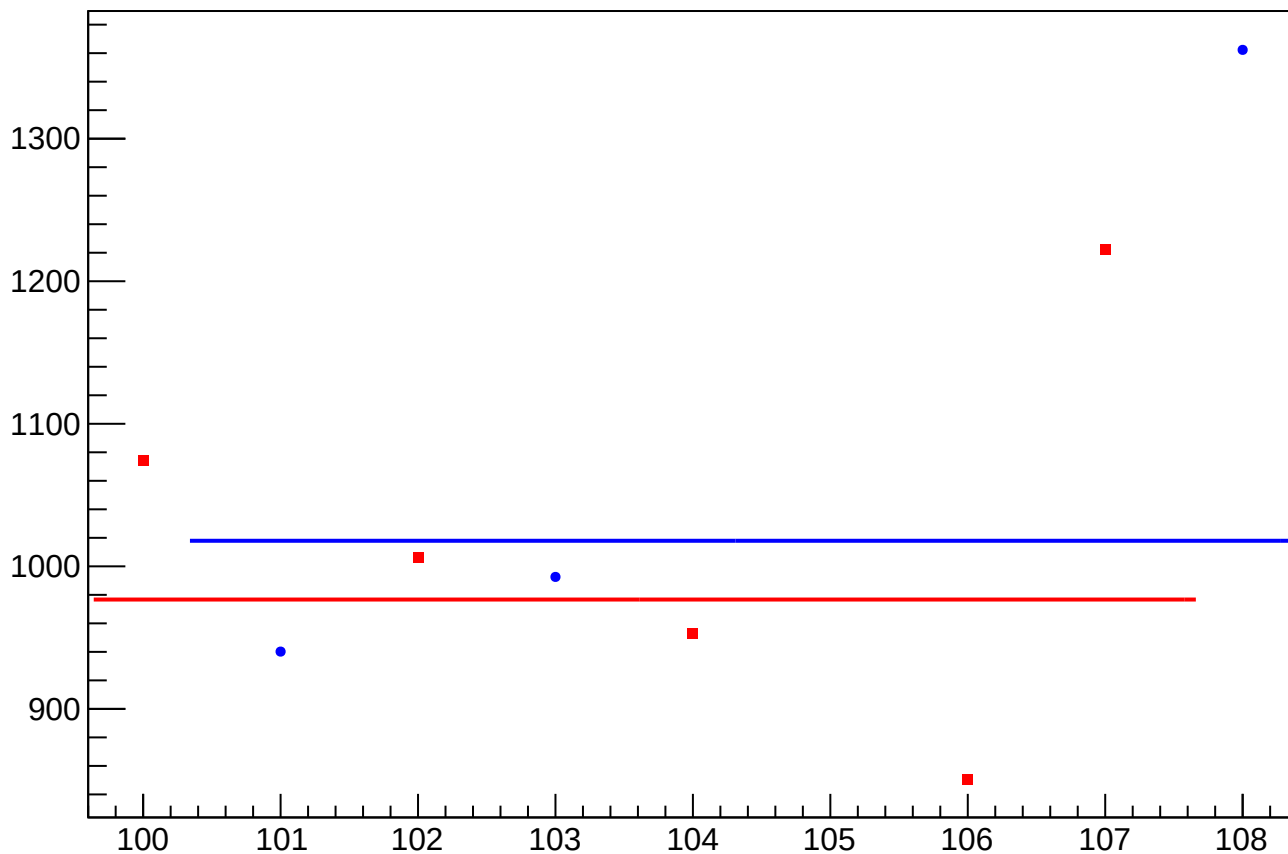
Right: -801.487+/-542.172 χ^2/NDF : 16.4/7

In: 415.678+/-799.980 χ^2/NDF : 5.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -801.487+/-542.172 χ^2/NDF : 16.4/7

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1017.936 $\pm$ 0.566 χ^2 /NDF: 59946.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 976.715 $\pm$ 0.521 χ^2 /NDF: 35104.9/4

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

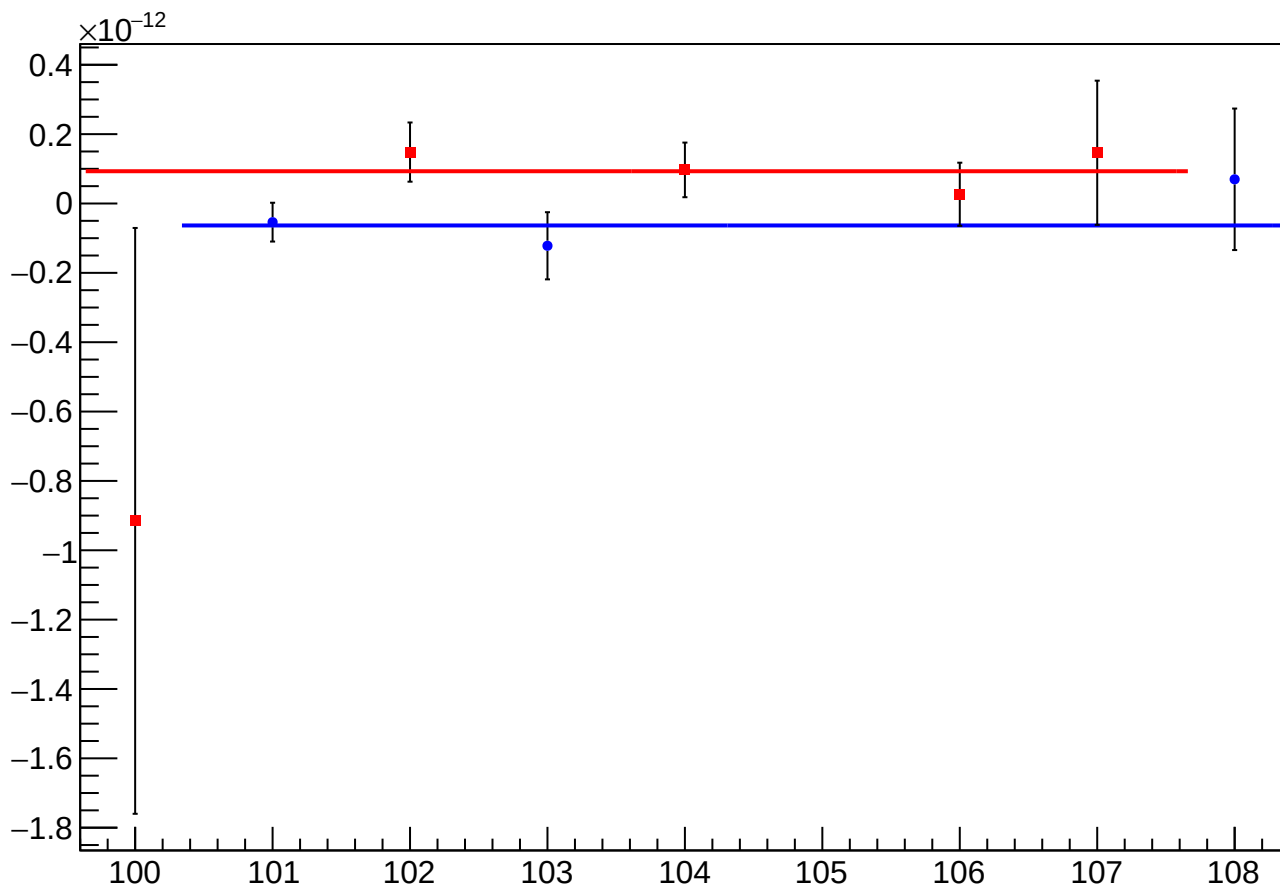
Right: 995.649 $\pm$ 0.383 χ^2 /NDF: 97922.7/7

In: 1017.936 $\pm$ 0.566 χ^2 /NDF:59946.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 995.649 $\pm$ 0.383 χ^2 /NDF: 97922.7/7

asym_sam_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.8/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 2.4/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

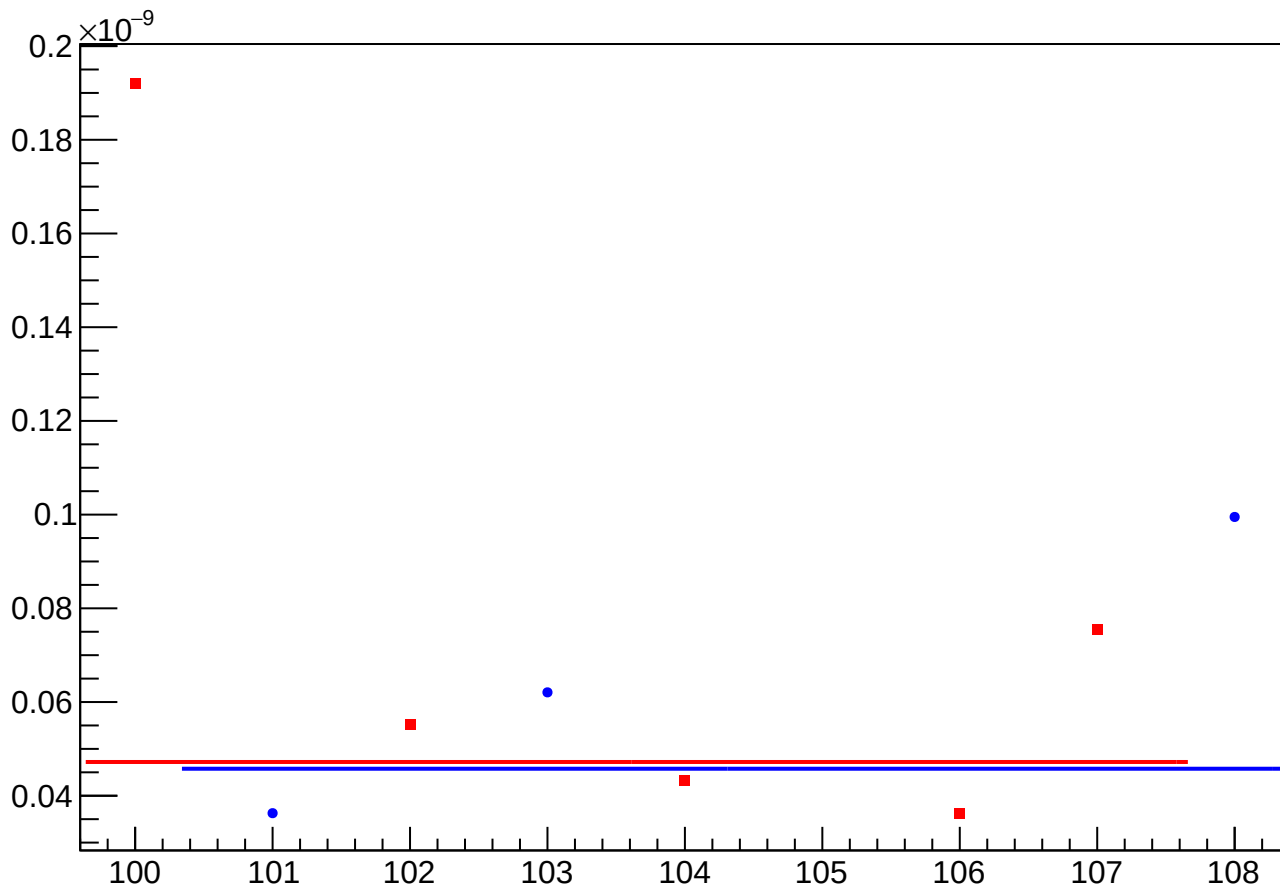
Right: 0.000+/-0.000 χ^2 /NDF: 8.7/7

In: -0.000+/-0.000 χ^2 /NDF:0.8/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 8.7/7

asym_sam_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 252846.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 147822.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

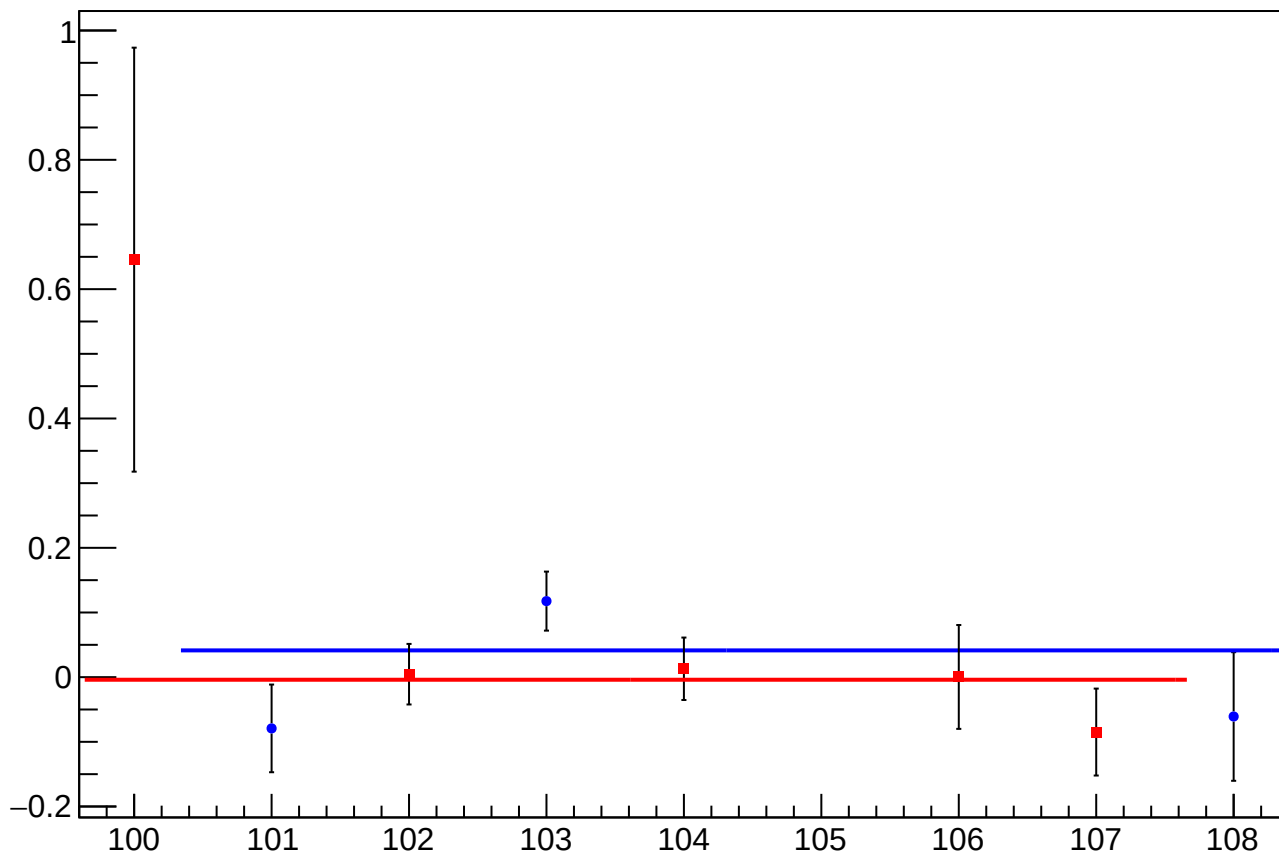
Right: 0.000+/-0.000 χ^2/NDF : 401596.9/7

In: 0.000+/-0.000 χ^2/NDF : 252846.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 401596.9/7

asym_sam_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.041 $\pm$ 0.035 χ^2 /NDF: 7.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.004 $\pm$ 0.028 χ^2 /NDF: 5.5/4

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

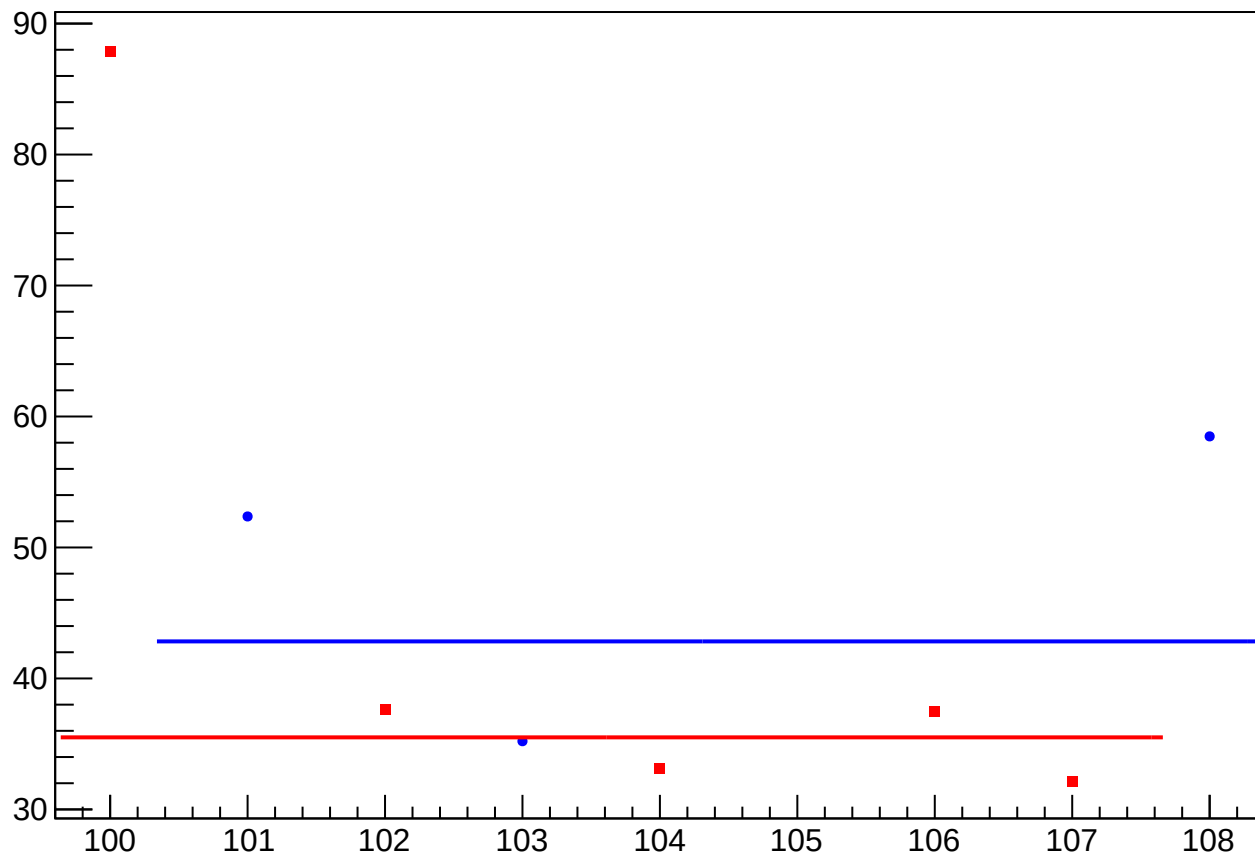
Right: 0.014 $\pm$ 0.022 χ^2 /NDF: 13.6/7

In: 0.041 $\pm$ 0.035 χ^2 /NDF: 7.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.022 χ^2 /NDF: 13.6/7

asym_sam_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.829+/-0.025 χ^2/NDF : 144934.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.502+/-0.020 χ^2/NDF : 65919.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

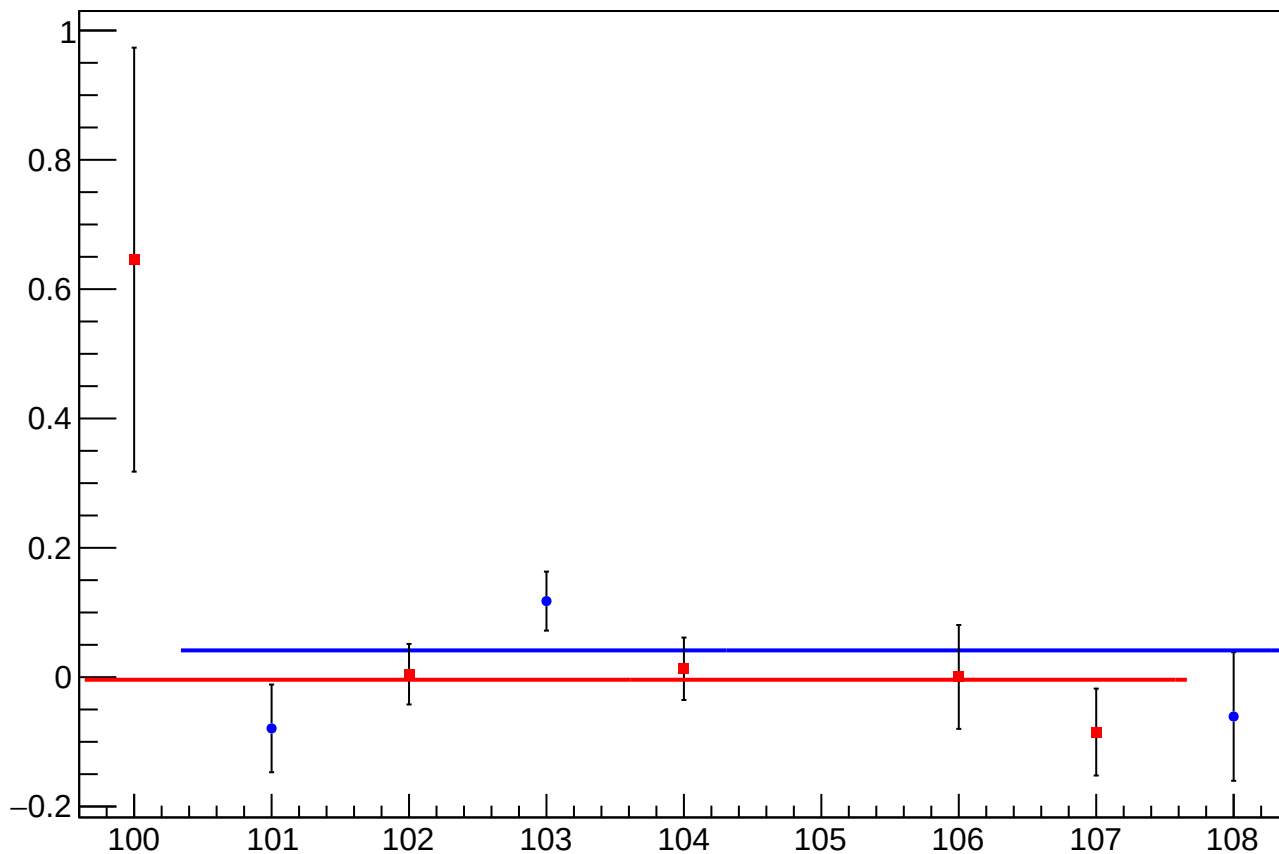
Right: 38.330+/-0.016 χ^2/NDF : 263528.8/7

In: 42.829+/-0.025 χ^2/NDF : 144934.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.330+/-0.016 χ^2/NDF : 263528.8/7

asym_sam_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.041+/-0.035 χ^2/NDF : 7.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.004+/-0.028 χ^2/NDF : 5.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

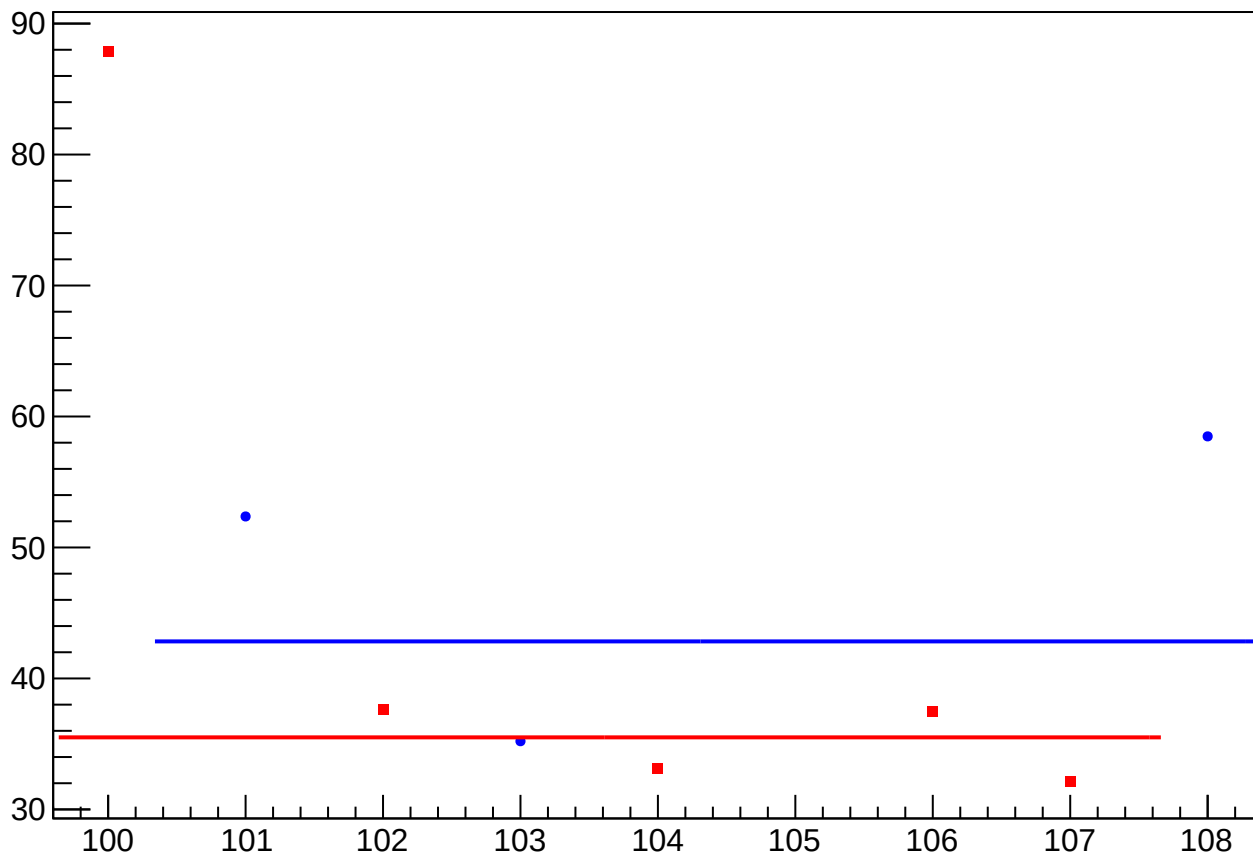
Right: 0.014+/-0.022 χ^2/NDF : 13.6/7

In: 0.041+/-0.035 χ^2/NDF : 7.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.022 χ^2/NDF : 13.6/7

asym_sam_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.829+/-0.025 χ^2/NDF : 144934.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.502+/-0.020 χ^2/NDF : 65919.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

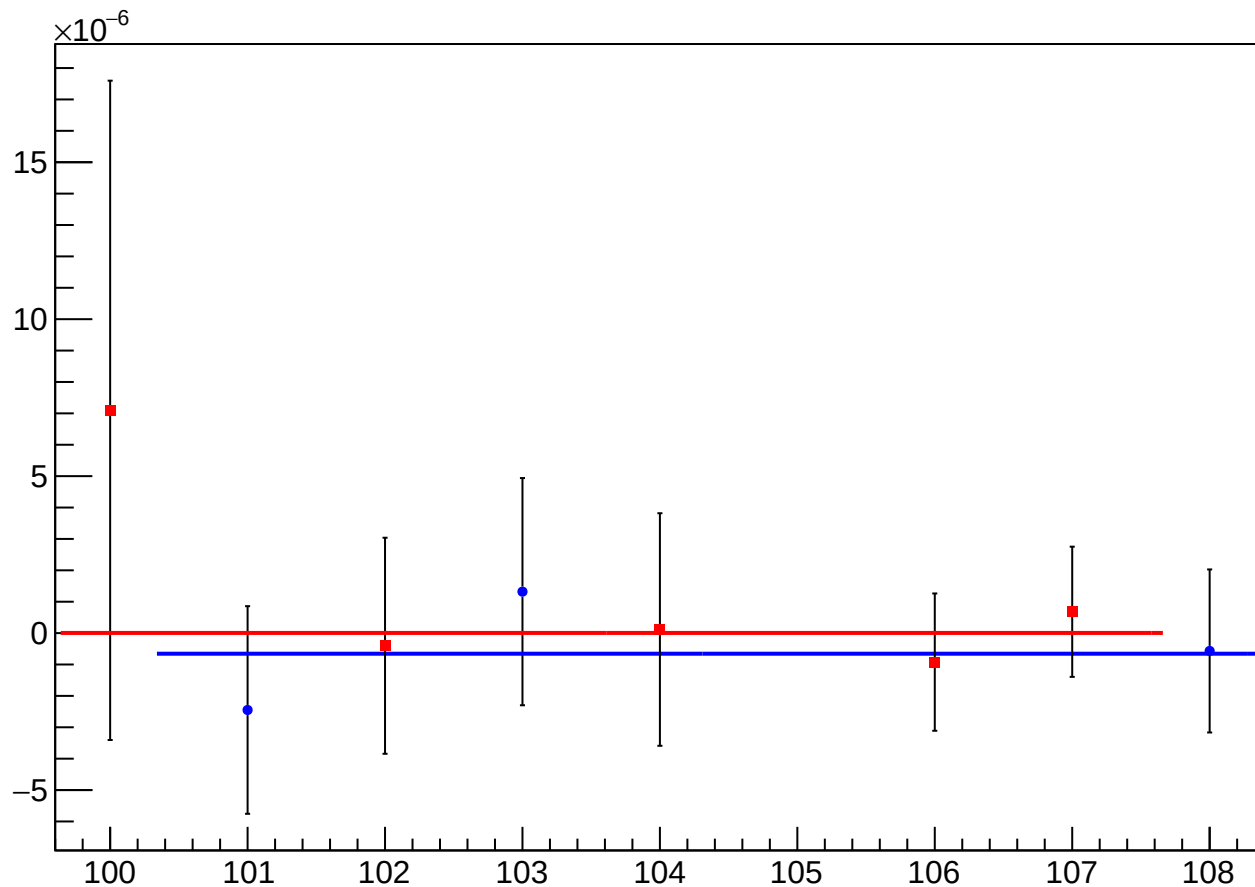
Right: 38.330+/-0.016 χ^2/NDF : 263528.8/7

In: 42.829+/-0.025 χ^2/NDF : 144934.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.330+/-0.016 χ^2/NDF : 263528.8/7

asym_sam_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

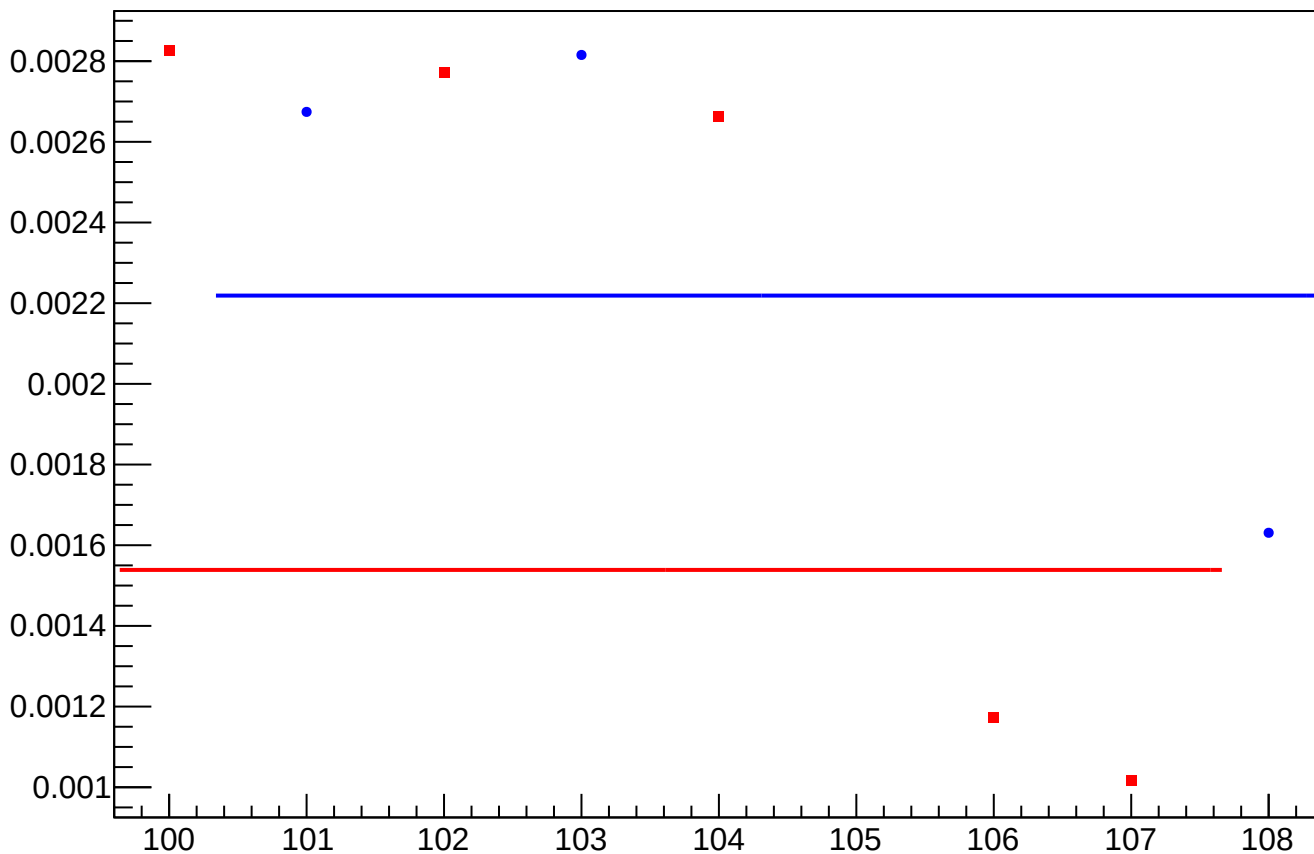
Right: -0.000+/-0.000 χ^2/NDF : 1.4/7

In: -0.000+/-0.000 χ^2/NDF : 0.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1.4/7

asym_sam_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 194810.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 653264.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

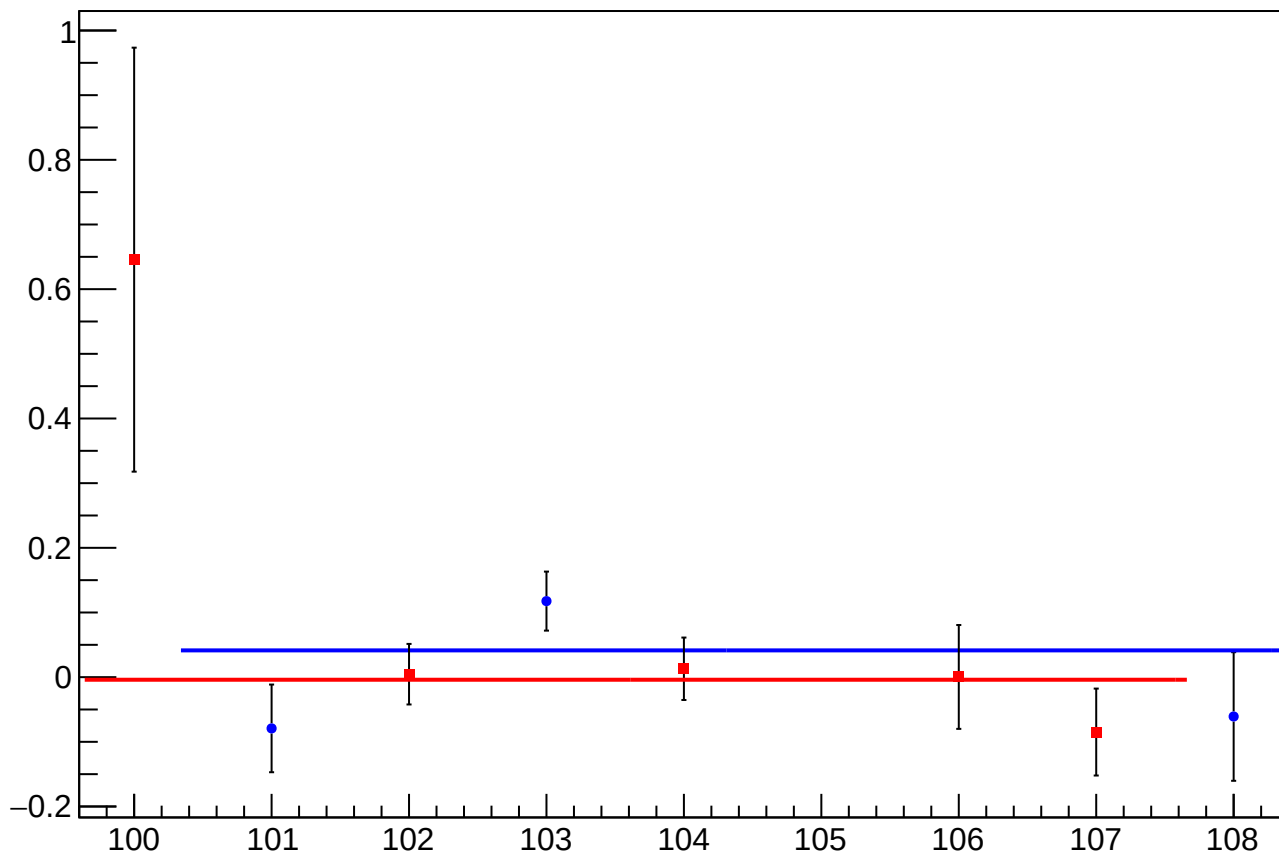
Right: 0.002+/-0.000 χ^2/NDF : 1040443.4/7

In: 0.002+/-0.000 χ^2/NDF : 194810.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1040443.4/7

asym_sam_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.041 $\pm$ 0.035 χ^2 /NDF: 7.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.028 χ^2 /NDF: 5.5/4

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

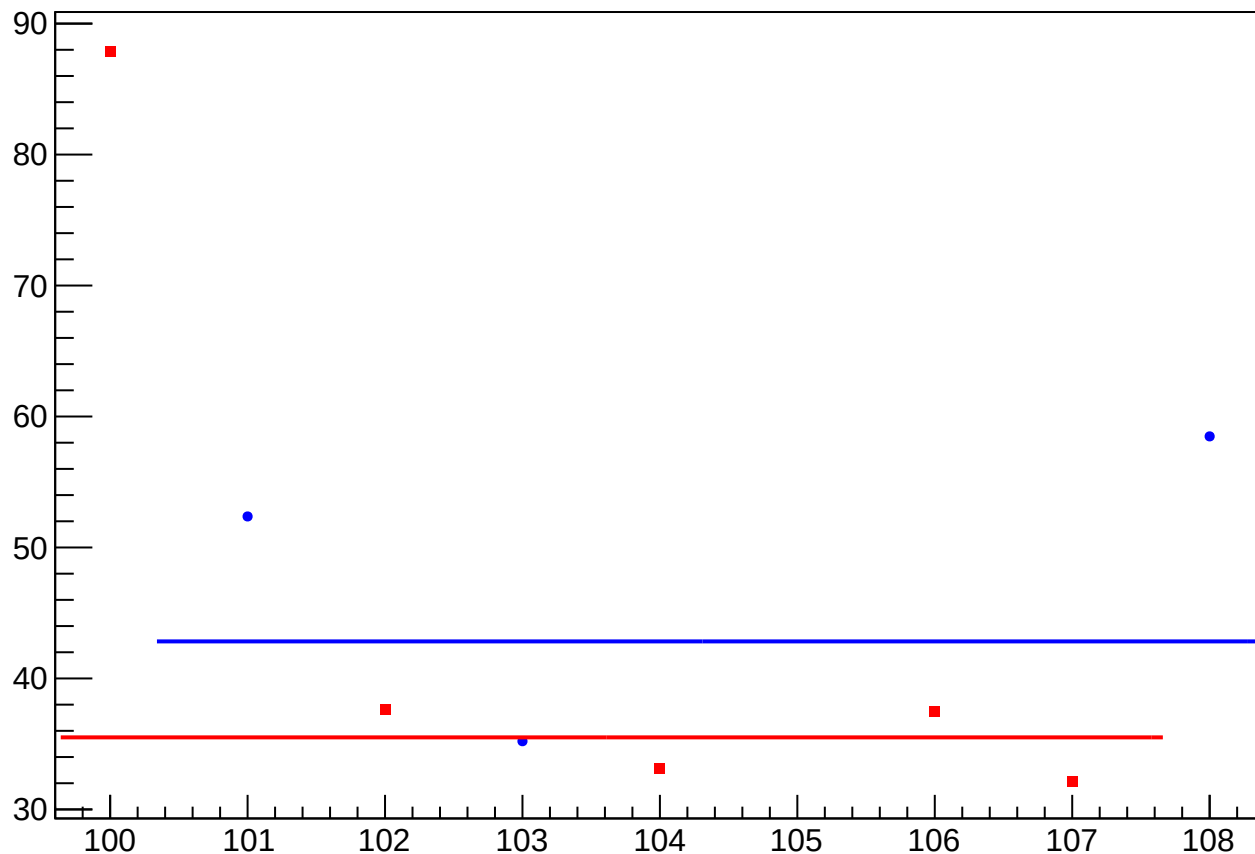
Right: 0.014 $\pm$ 0.022 χ^2 /NDF: 13.6/7

In: 0.041 $\pm$ 0.035 χ^2 /NDF:7.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.014 $\pm$ 0.022 χ^2 /NDF: 13.6/7

asym_sam_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.829+/-0.025 χ^2/NDF : 144957.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.501+/-0.020 χ^2/NDF : 65922.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

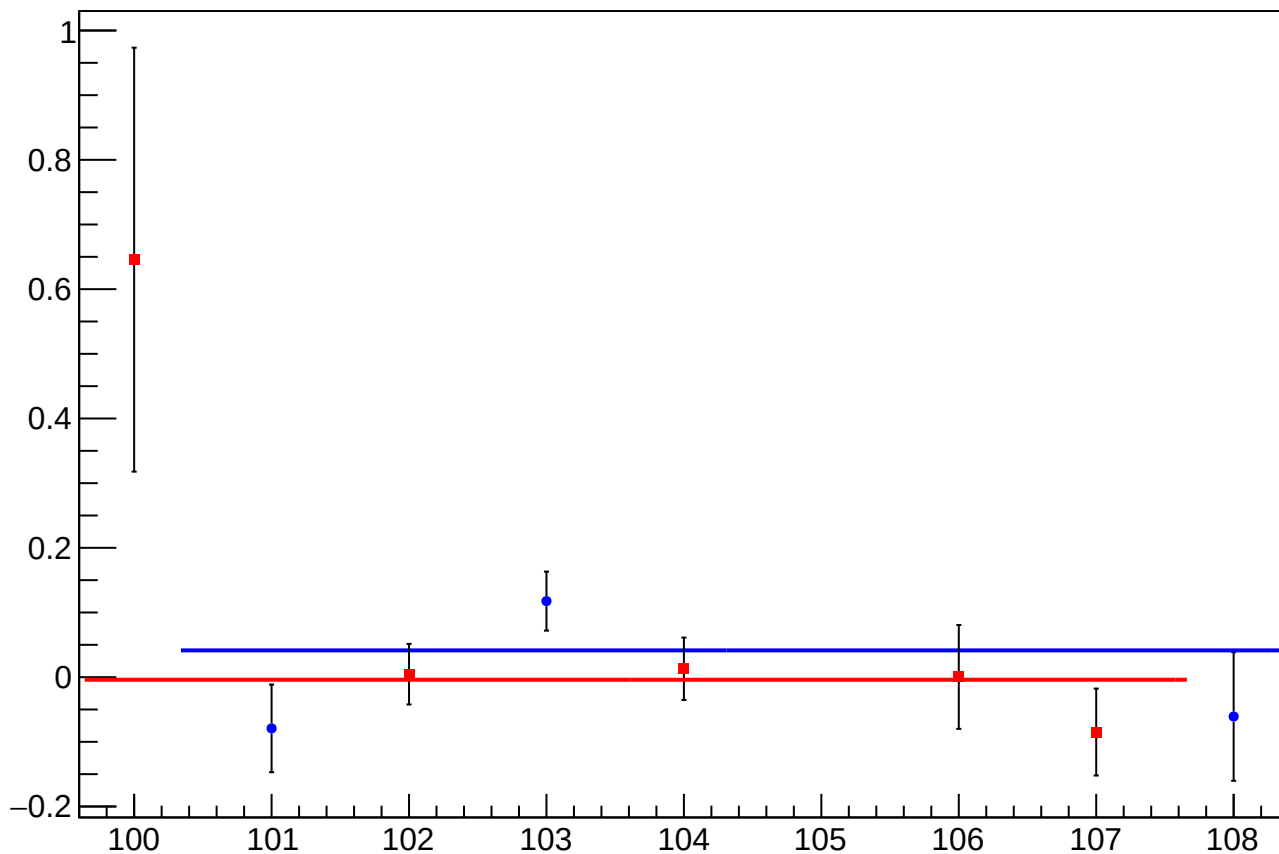
Right: 38.329+/-0.016 χ^2/NDF : 263561.4/7

In: 42.829+/-0.025 χ^2/NDF : 144957.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.329+/-0.016 χ^2/NDF : 263561.4/7

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.041 $\pm$ 0.035 χ^2 /NDF: 7.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.004 $\pm$ 0.028 χ^2 /NDF: 5.5/4

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

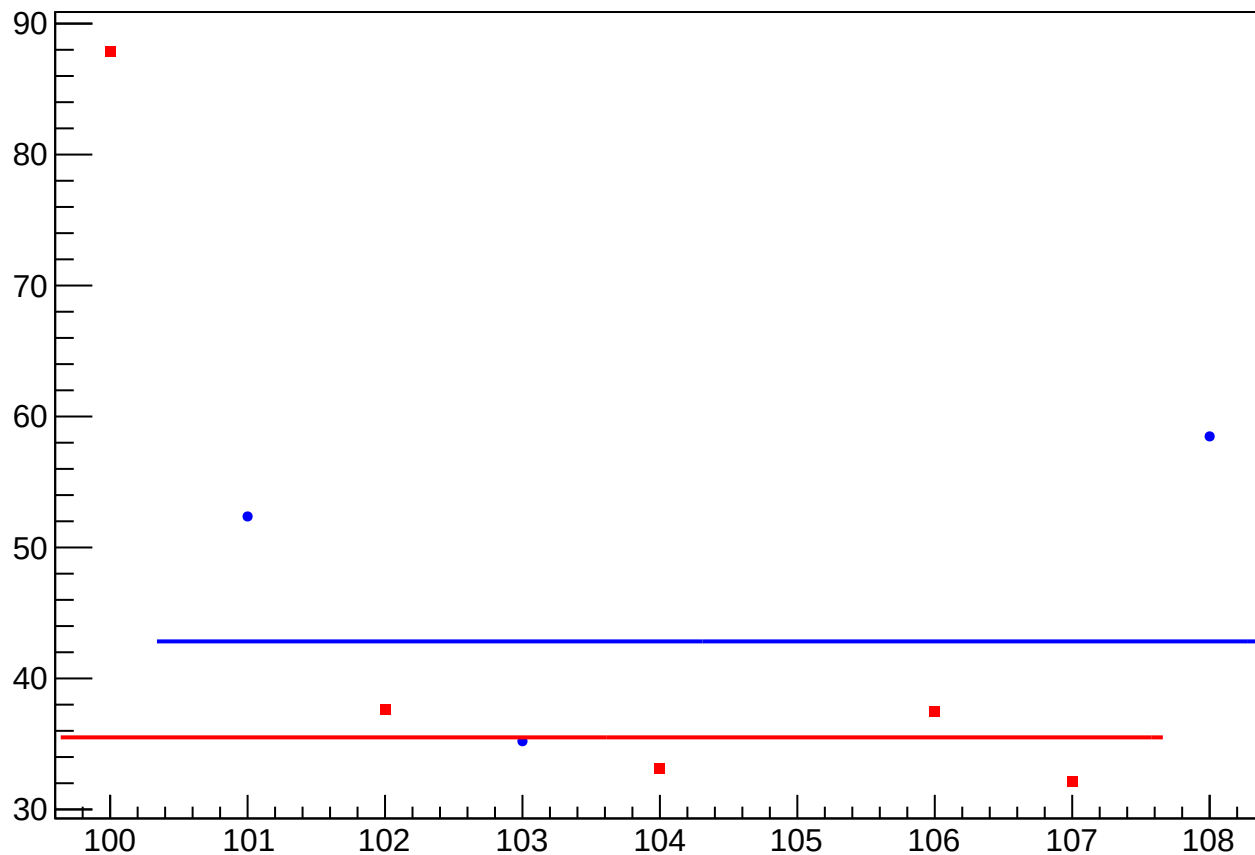
Right: 0.014 $\pm$ 0.022 χ^2 /NDF: 13.6/7

In: 0.041 $\pm$ 0.035 χ^2 /NDF: 7.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.022 χ^2 /NDF: 13.6/7

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.829+/-0.025 χ^2/NDF : 144957.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.501+/-0.020 χ^2/NDF : 65922.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

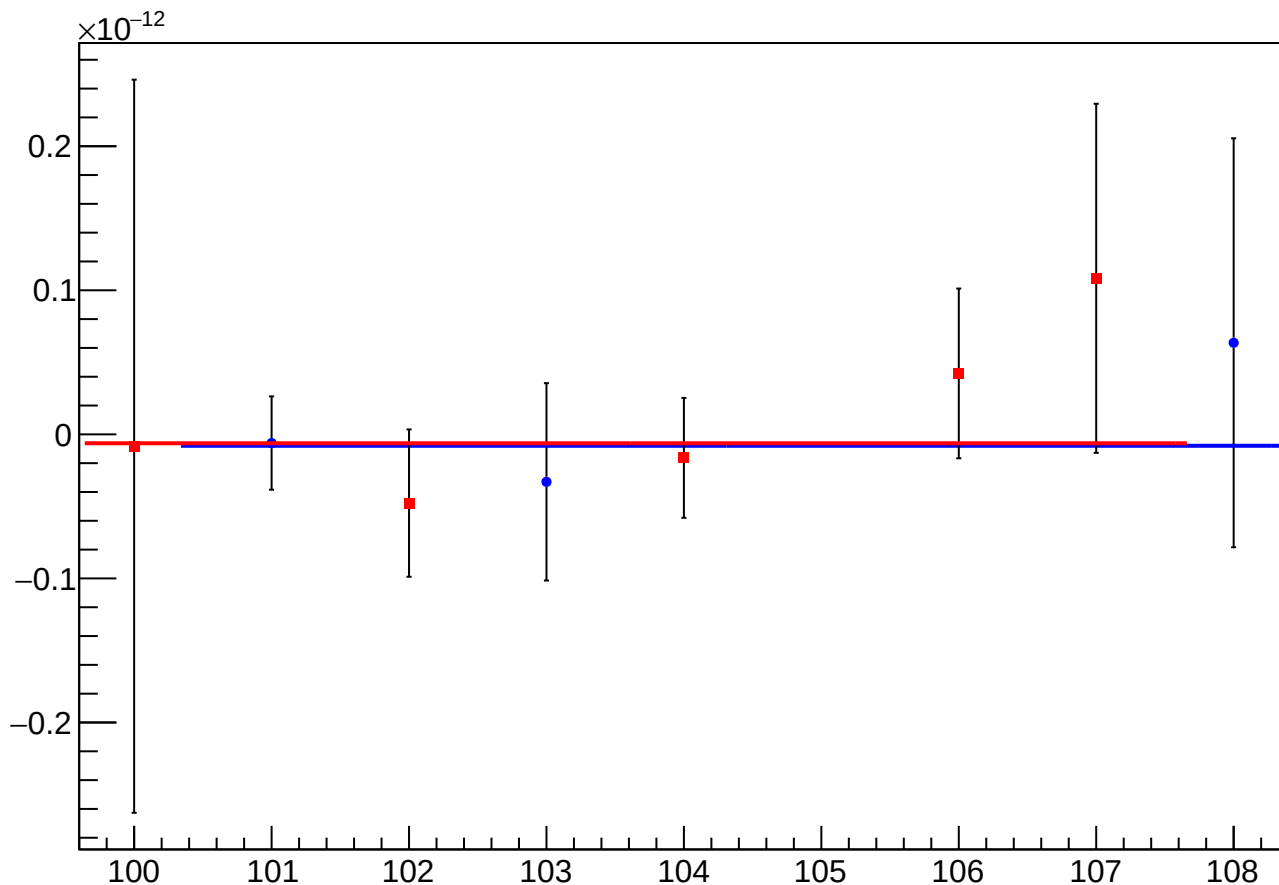
Right: 38.329+/-0.016 χ^2/NDF : 263561.4/7

In: 42.829+/-0.025 χ^2/NDF : 144957.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.329+/-0.016 χ^2/NDF : 263561.4/7

asym_sam_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

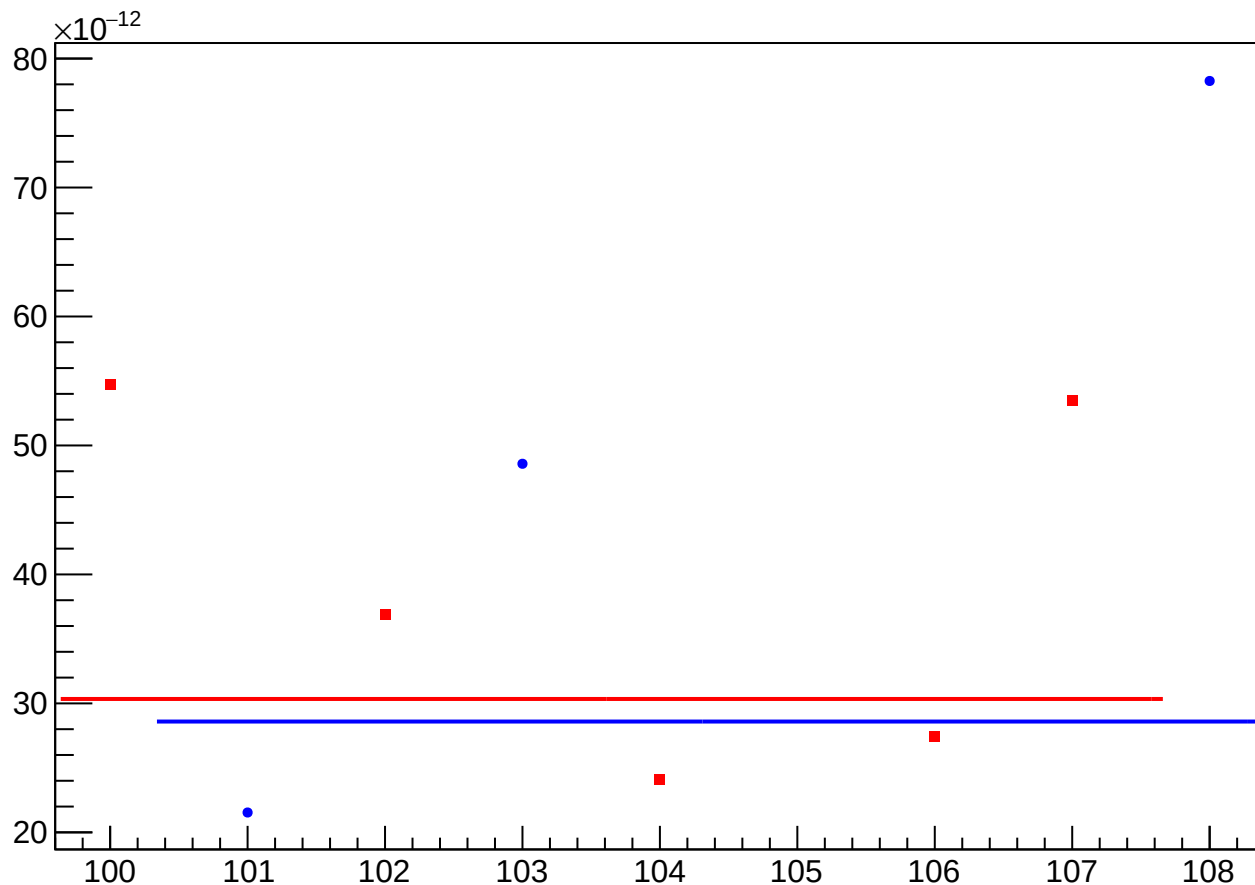
Right: -0.000+/-0.000 χ^2/NDF : 2.7/7

In: -0.000+/-0.000 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 2.7/7

asym_sam_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 510033.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 174029.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

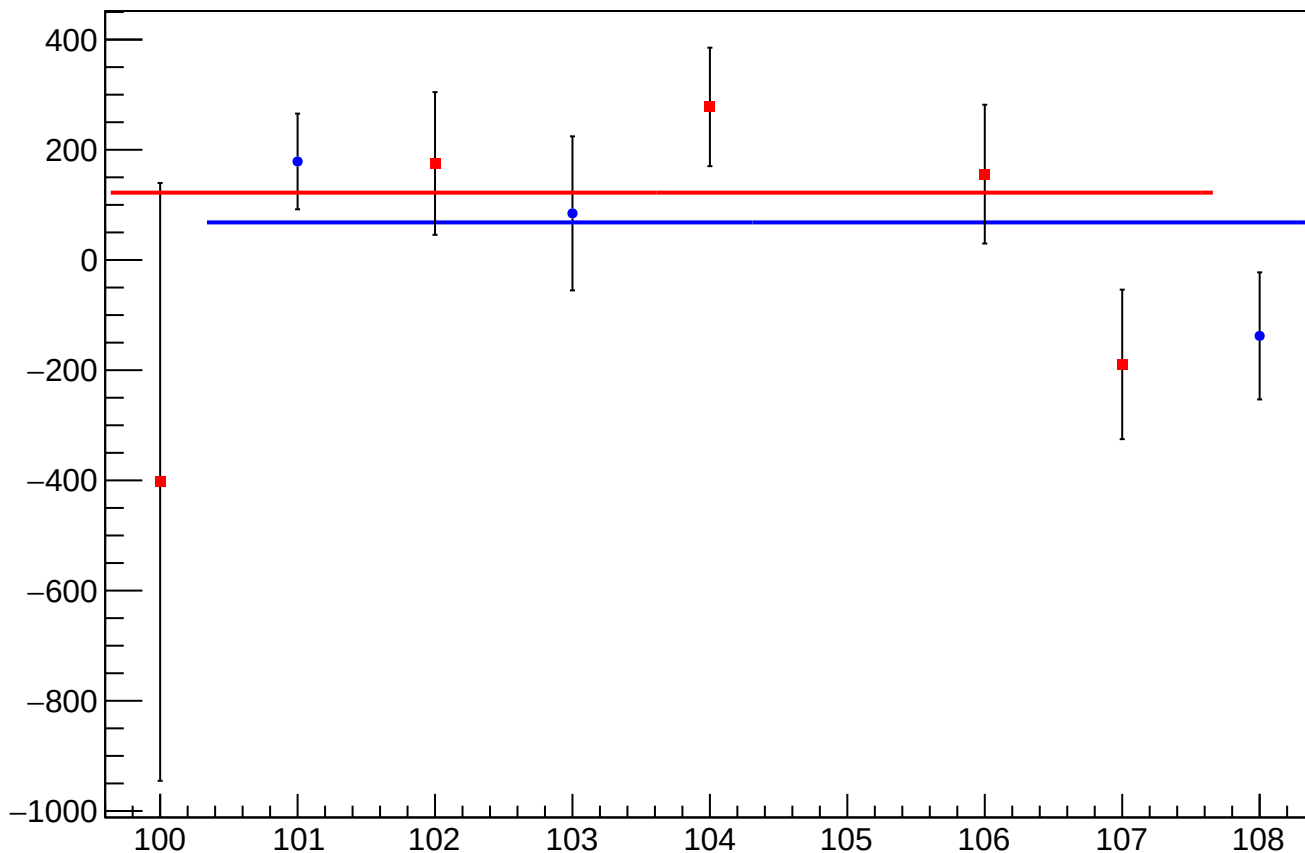
Right: 0.000+/-0.000 χ^2/NDF : 687957.1/7

In: 0.000+/-0.000 χ^2/NDF : 510033.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 687957.1/7

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 68.190+/-62.153 χ^2/NDF : 4.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.235+/-61.210 χ^2/NDF : 8.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

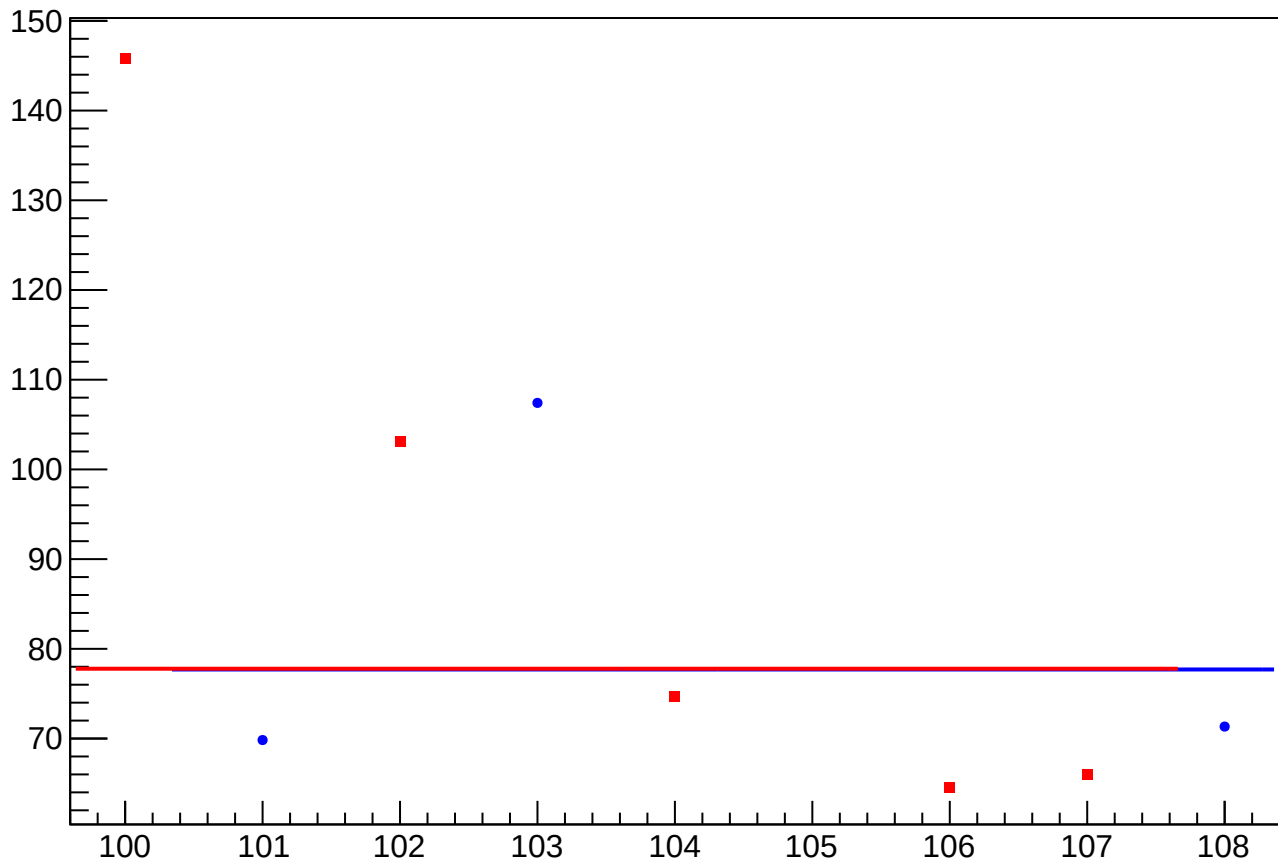
Right: 95.626+/-43.612 χ^2/NDF : 13.8/7

In: 68.190+/-62.153 χ^2/NDF : 4.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.626+/-43.612 χ^2/NDF : 13.8/7

reg_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 77.698+/-0.044 χ^2/NDF : 112881.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.782+/-0.043 χ^2/NDF : 146534.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

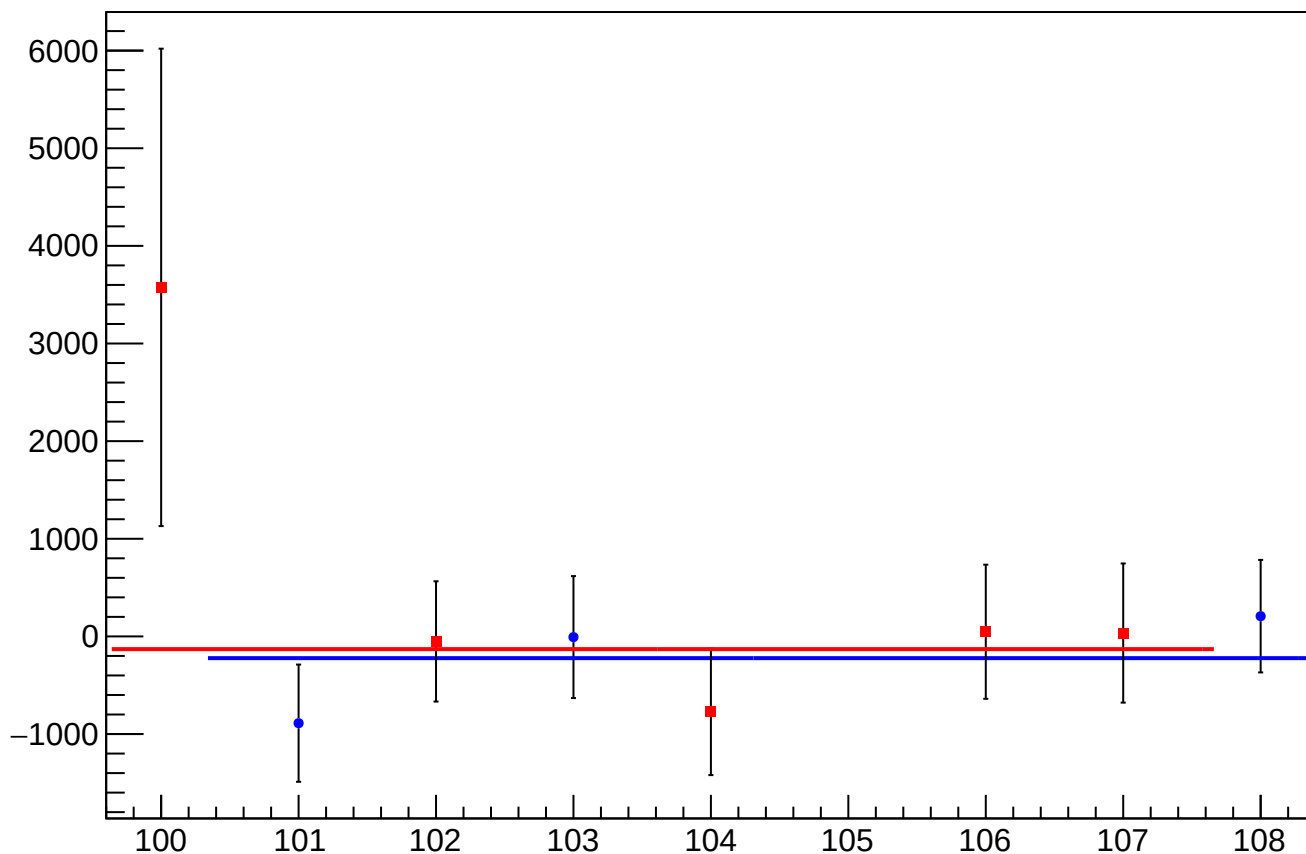
Right: 77.741+/-0.031 χ^2/NDF : 259417.7/7

In: 77.698+/-0.044 χ^2/NDF : 112881.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.741+/-0.031 χ^2/NDF : 259417.7/7

asym_sam_13_57_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -222.733+/-346.096 χ^2/NDF : 1.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -130.166+/-328.425 χ^2/NDF : 3.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

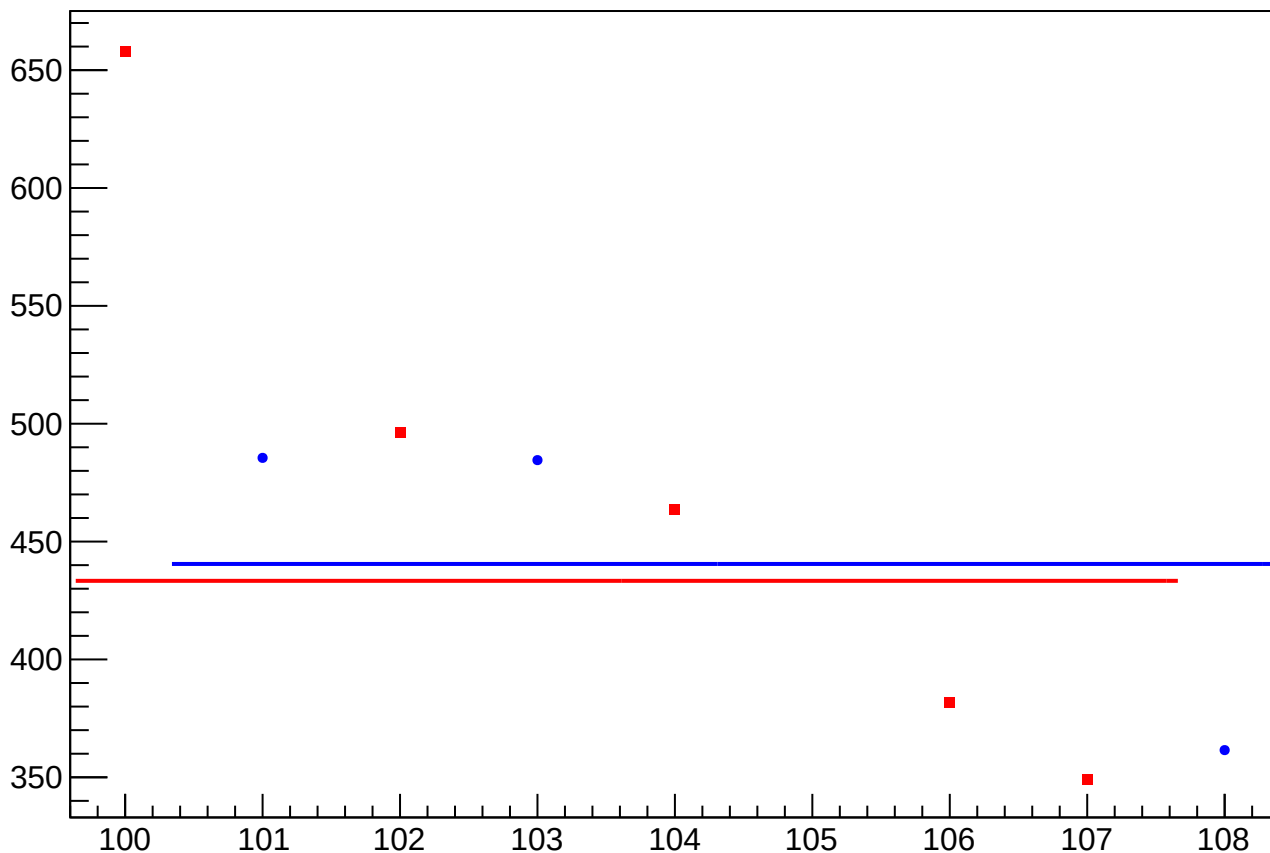
Right: -174.026+/-238.234 χ^2/NDF : 5.4/7

In: -222.733+/-346.096 χ^2/NDF : 1.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -174.026+/-238.234 χ^2/NDF : 5.4/7

asym_sam_13_57_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 440.504 $\pm$ 0.245 χ^2 /NDF: 58745.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 433.343 $\pm$ 0.232 χ^2 /NDF: 81295.7/4

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

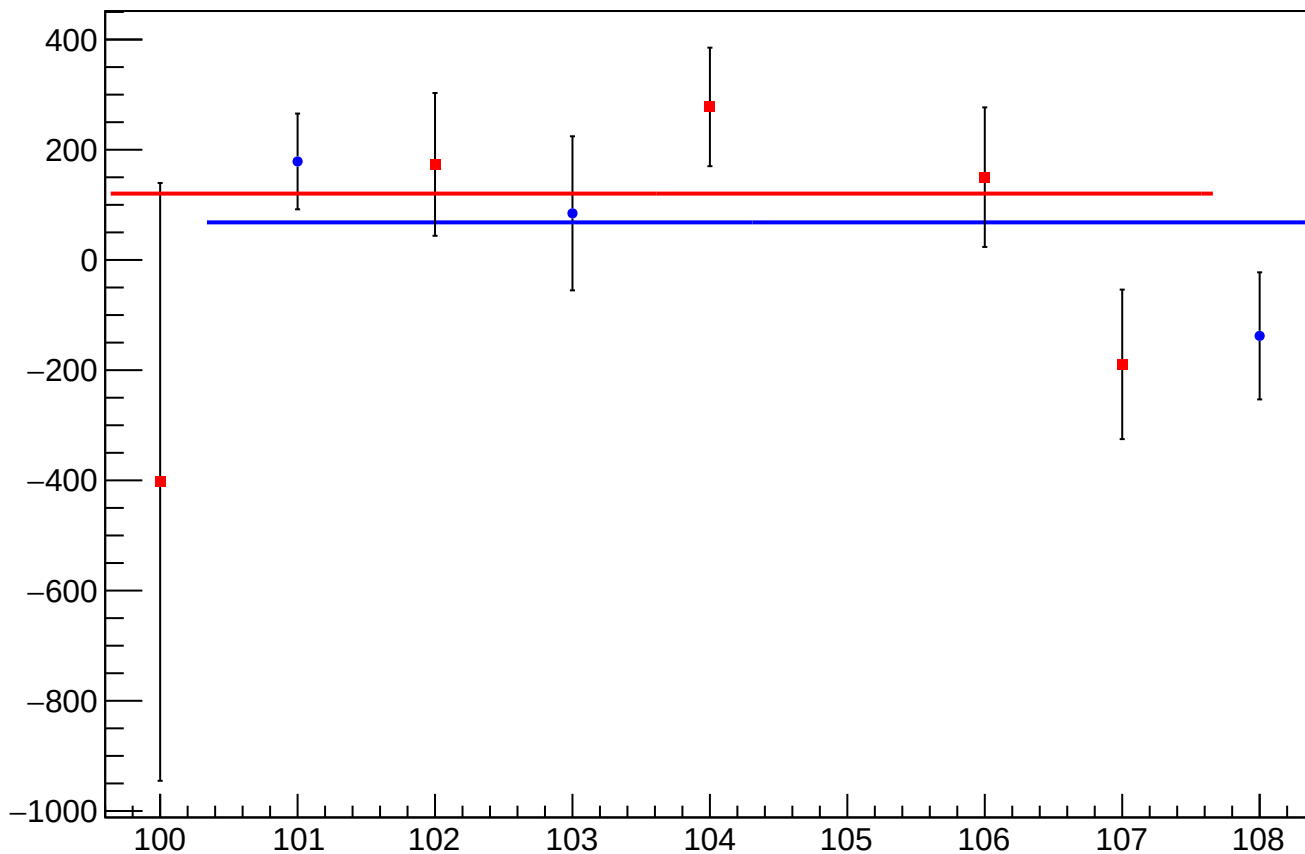
Right: 436.736 $\pm$ 0.168 χ^2 /NDF: 140491.4/7

In: 440.504 $\pm$ 0.245 χ^2 /NDF:58745.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 436.736 $\pm$ 0.168 χ^2 /NDF: 140491.4/7

cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 68.191+/-62.153 χ^2/NDF : 4.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.412+/-61.295 χ^2/NDF : 8.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

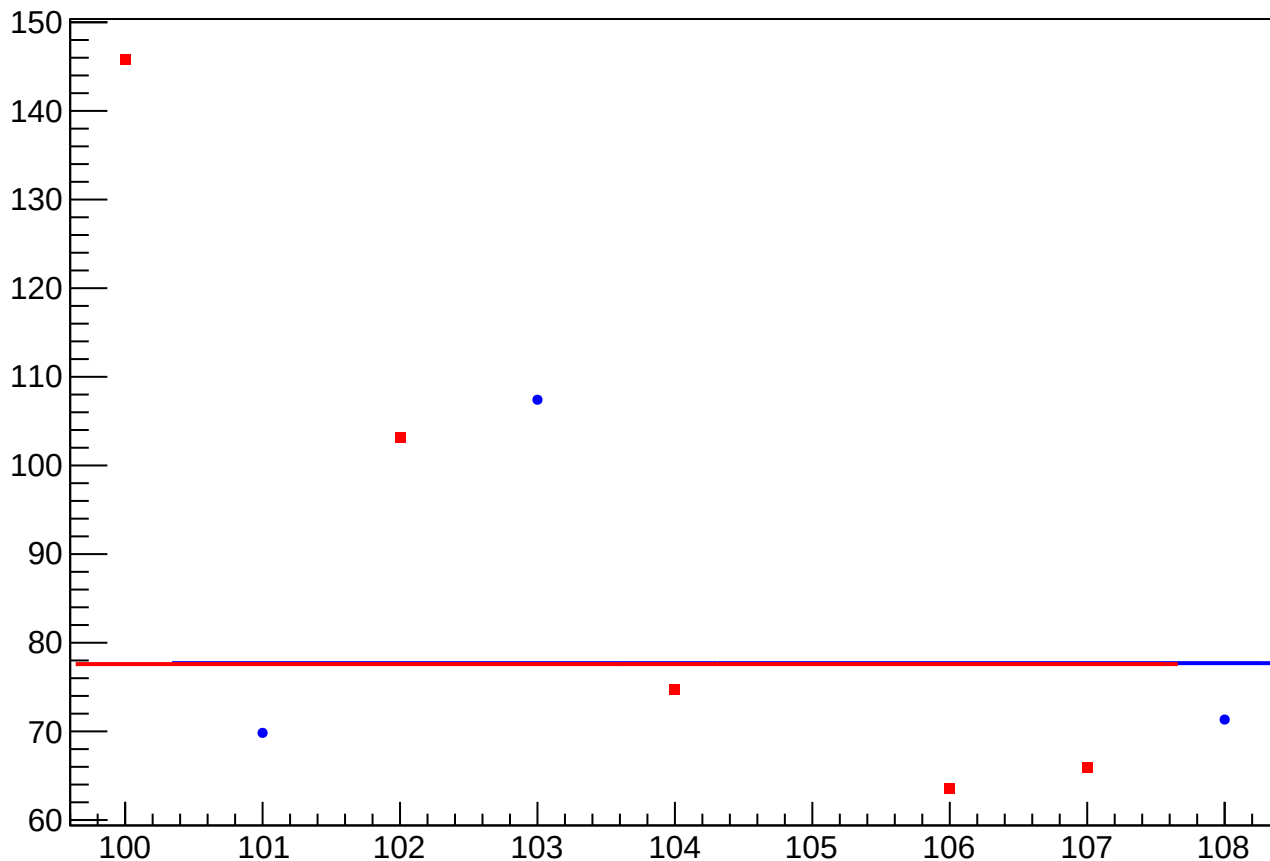
Right: 94.664+/-43.642 χ^2/NDF : 13.7/7

In: 68.191+/-62.153 χ^2/NDF : 4.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.664+/-43.642 χ^2/NDF : 13.7/7

cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 77.698 $\pm$ 0.044 χ^2 /NDF: 112882.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 77.590 $\pm$ 0.043 χ^2 /NDF: 149817.3/4

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

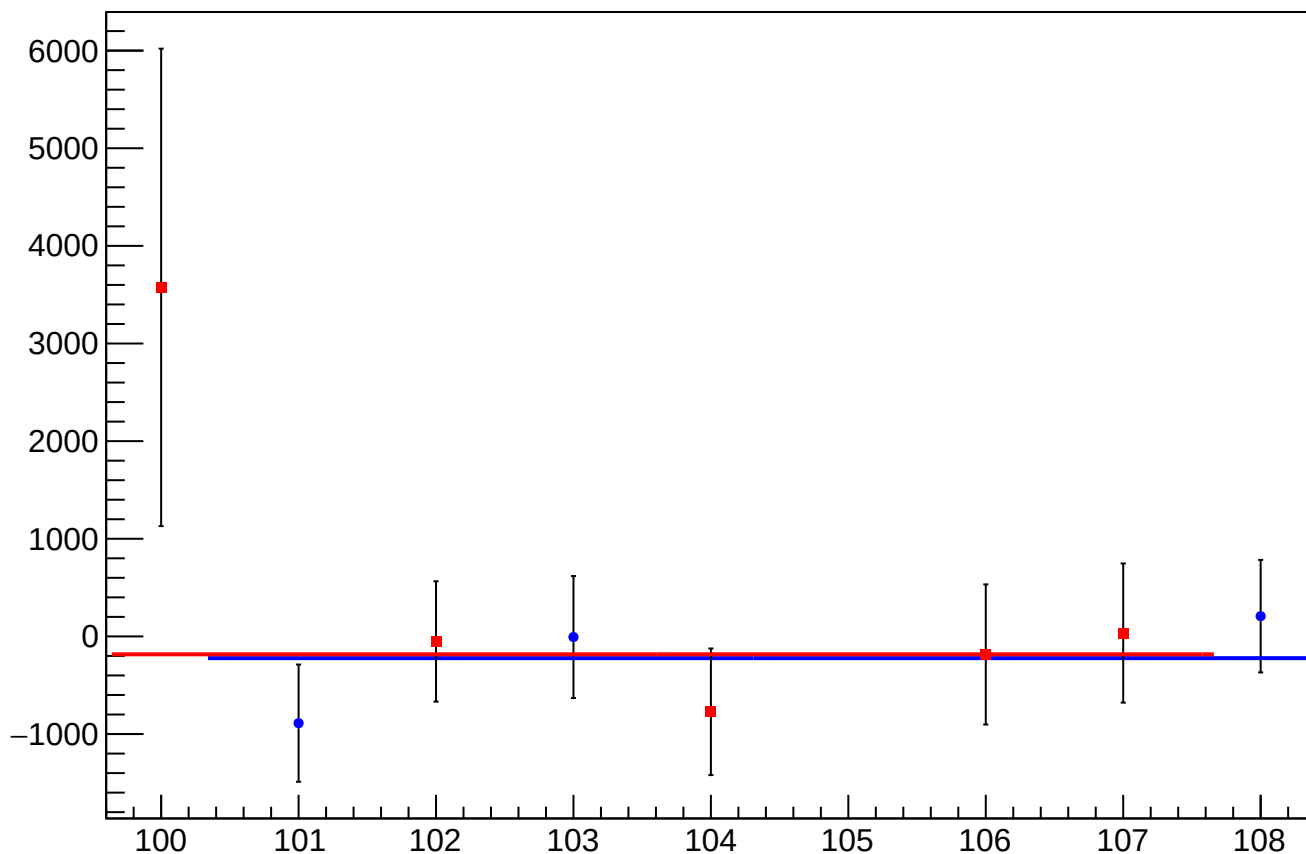
Right: 77.643 $\pm$ 0.031 χ^2 /NDF: 262703.2/7

In: 77.698 $\pm$ 0.044 χ^2 /NDF:112882.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 77.643 $\pm$ 0.031 χ^2 /NDF: 262703.2/7

asym_sam_13_57_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -222.593+/-346.104 χ^2/NDF : 1.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -183.406+/-331.721 χ^2/NDF : 3.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

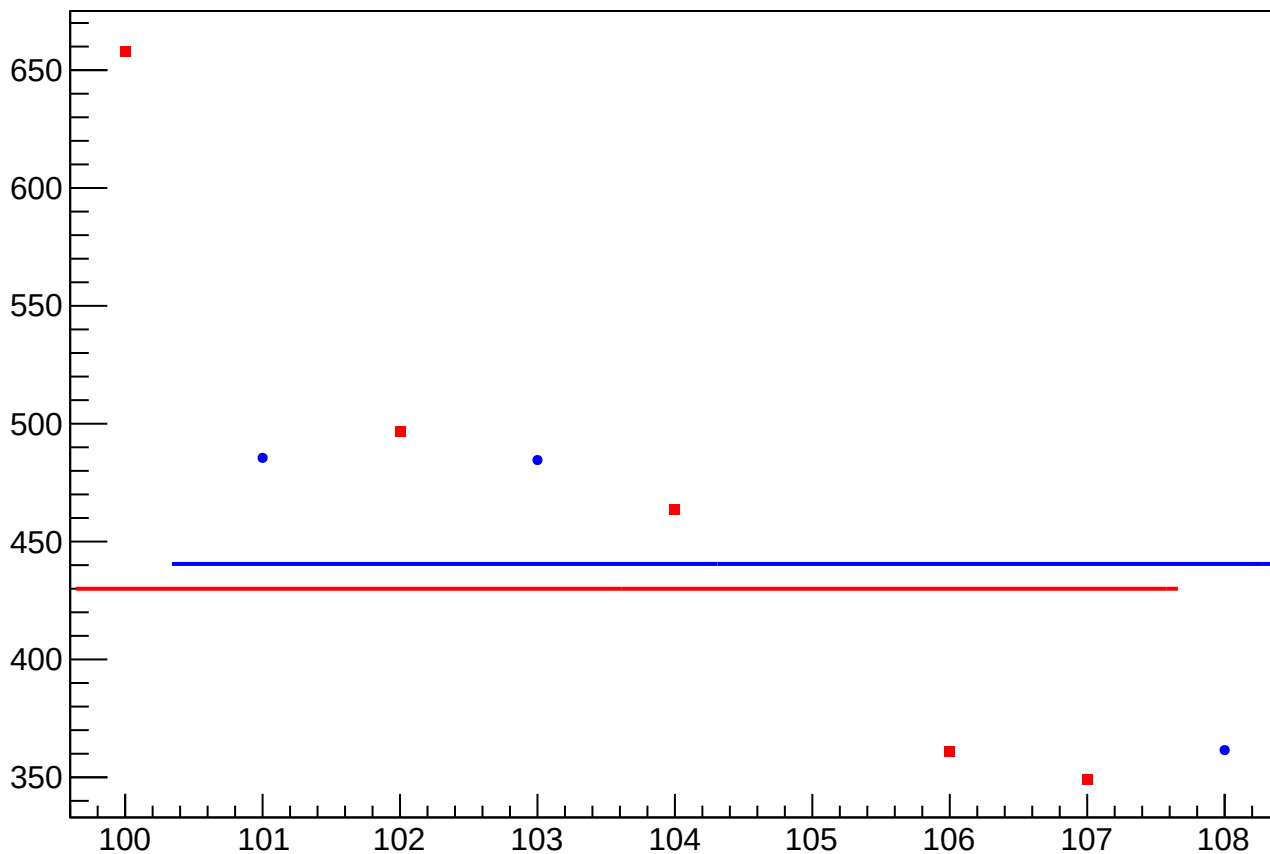
Right: -202.168+/-239.485 χ^2/NDF : 5.2/7

In: -222.593+/-346.104 χ^2/NDF : 1.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -202.168+/-239.485 χ^2/NDF : 5.2/7

asym_sam_13_57_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 440.512 $\pm$ 0.245 χ^2 /NDF: 58757.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 429.990 $\pm$ 0.235 χ^2 /NDF: 90501.1/4

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

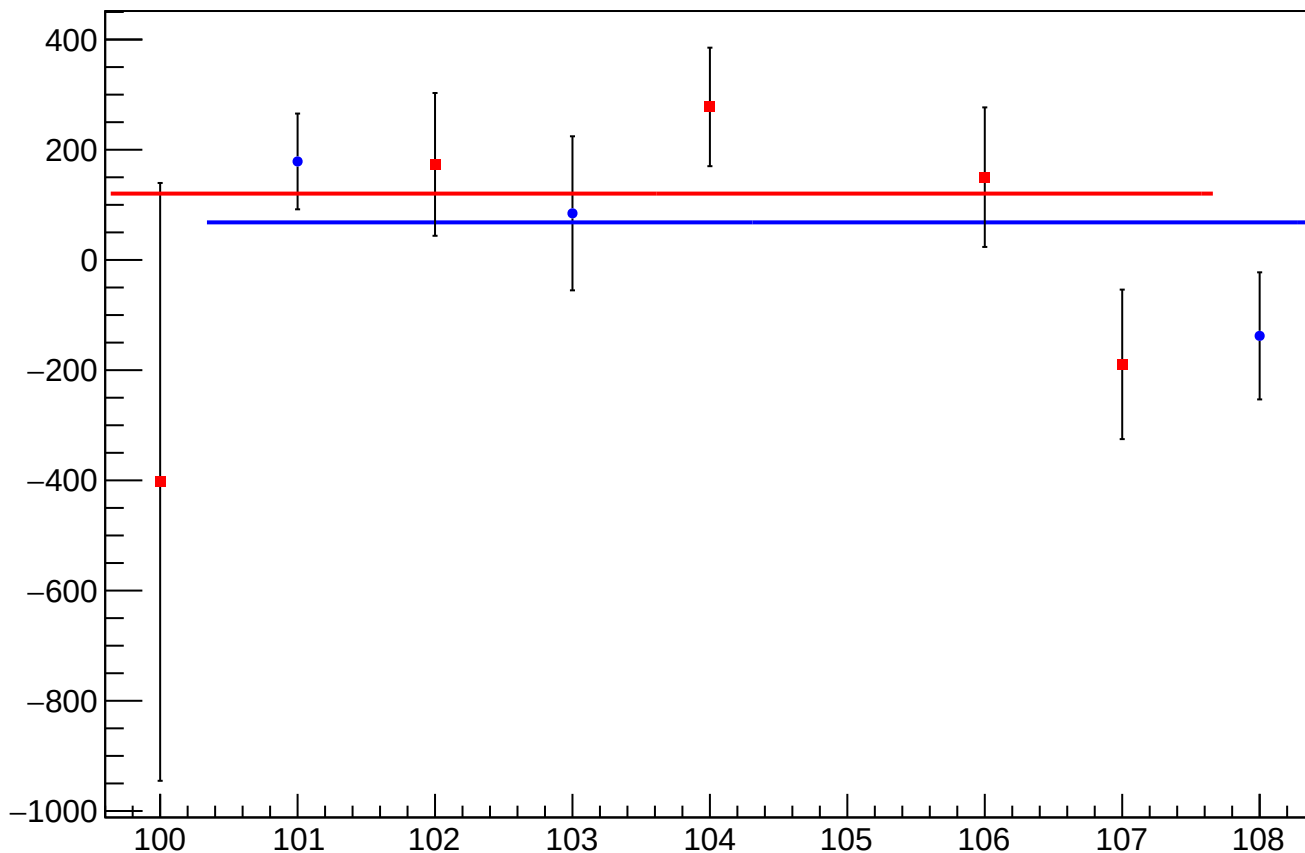
Right: 435.028 $\pm$ 0.169 χ^2 /NDF: 150222.4/7

In: 440.512 $\pm$ 0.245 χ^2 /NDF:58757.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 435.028 $\pm$ 0.169 χ^2 /NDF: 150222.4/7

eigen_cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 68.191+/-62.153 χ^2/NDF : 4.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.412+/-61.295 χ^2/NDF : 8.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

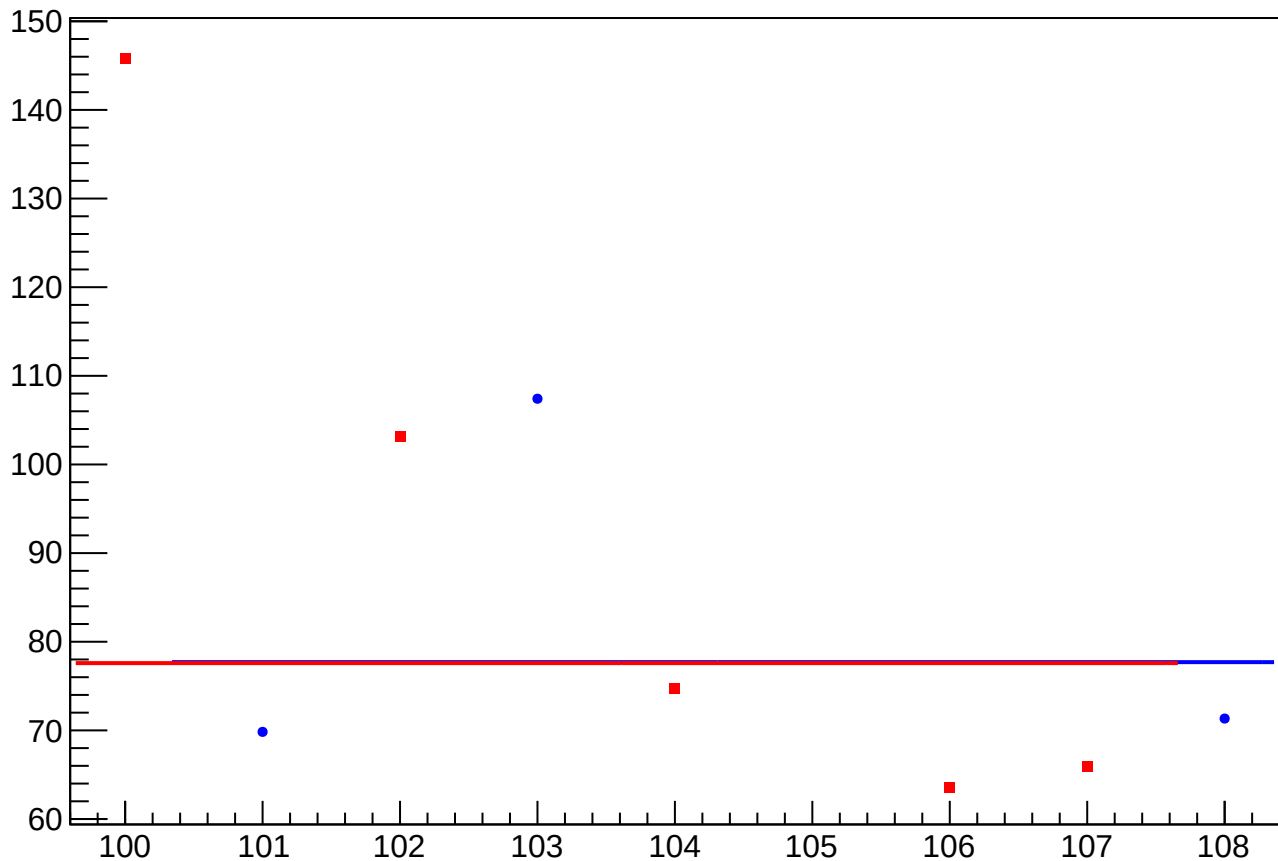
Right: 94.664+/-43.642 χ^2/NDF : 13.7/7

In: 68.191+/-62.153 χ^2/NDF : 4.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.664+/-43.642 χ^2/NDF : 13.7/7

eigen_cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 77.698+/-0.044 χ^2/NDF : 112882.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.590+/-0.043 χ^2/NDF : 149817.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

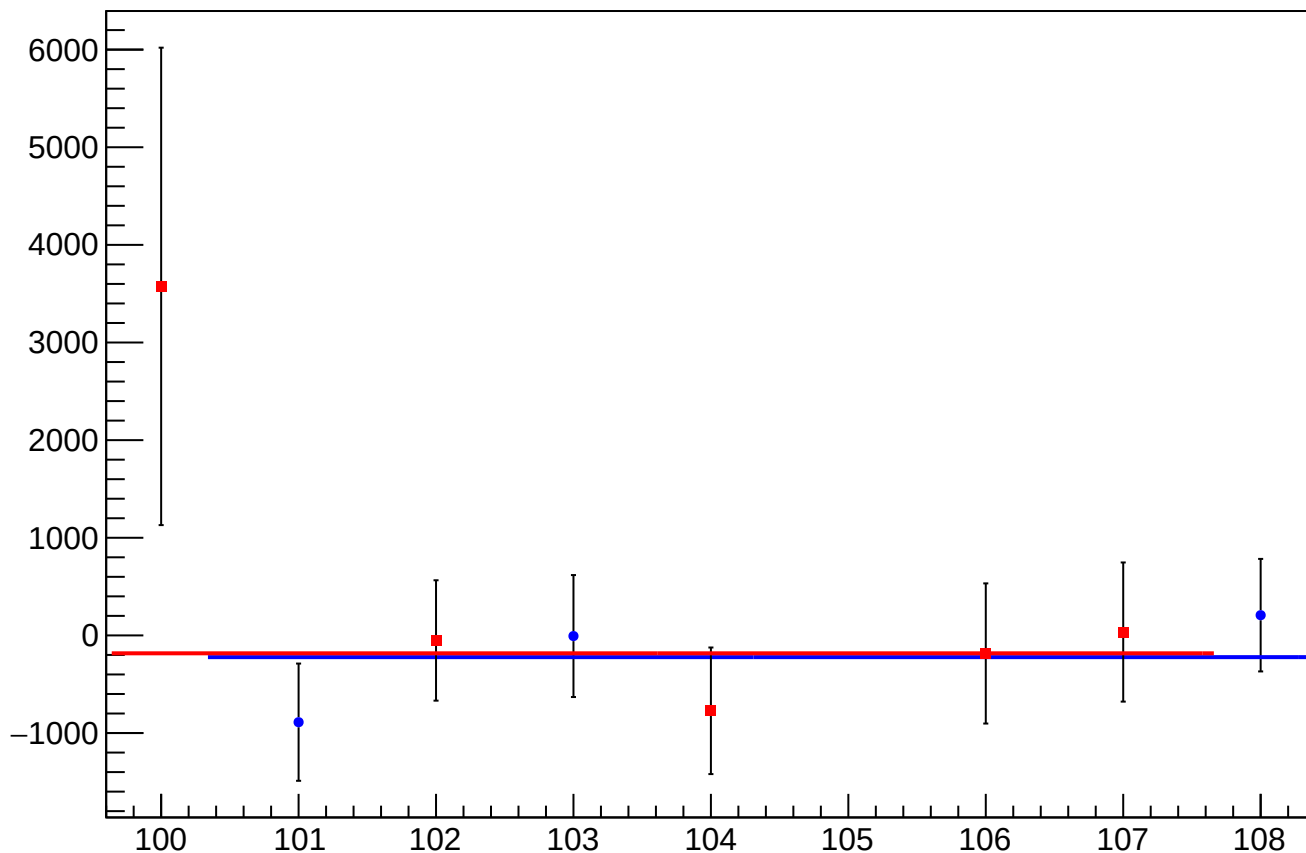
Right: 77.643+/-0.031 χ^2/NDF : 262703.2/7

In: 77.698+/-0.044 χ^2/NDF : 112882.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.643+/-0.031 χ^2/NDF : 262703.2/7

asym_sam_13_57_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -222.593+/-346.104 χ^2/NDF : 1.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -183.406+/-331.721 χ^2/NDF : 3.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

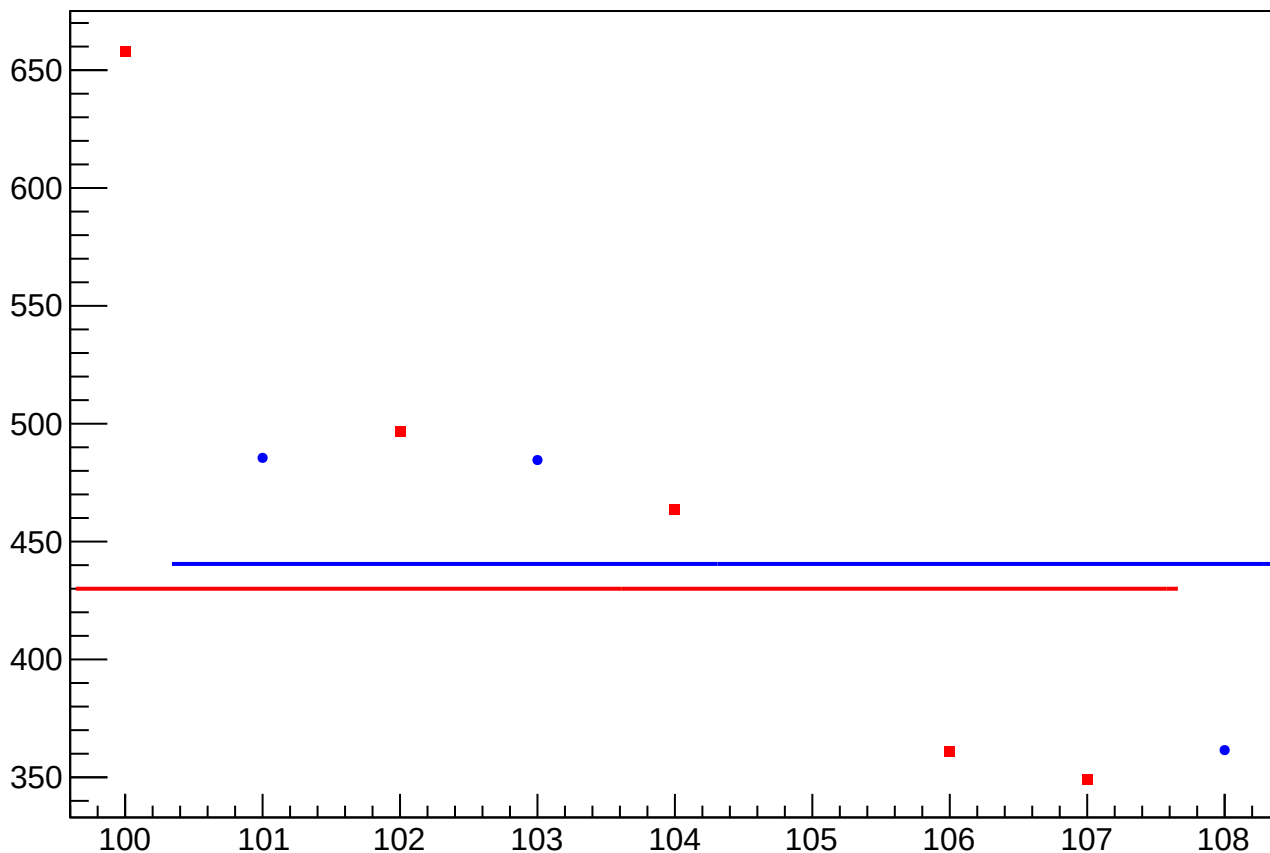
Right: -202.168+/-239.485 χ^2/NDF : 5.2/7

In: -222.593+/-346.104 χ^2/NDF : 1.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -202.168+/-239.485 χ^2/NDF : 5.2/7

asym_sam_13_57_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 440.512+/-0.245 χ^2/NDF : 58757.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 429.990+/-0.235 χ^2/NDF : 90501.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

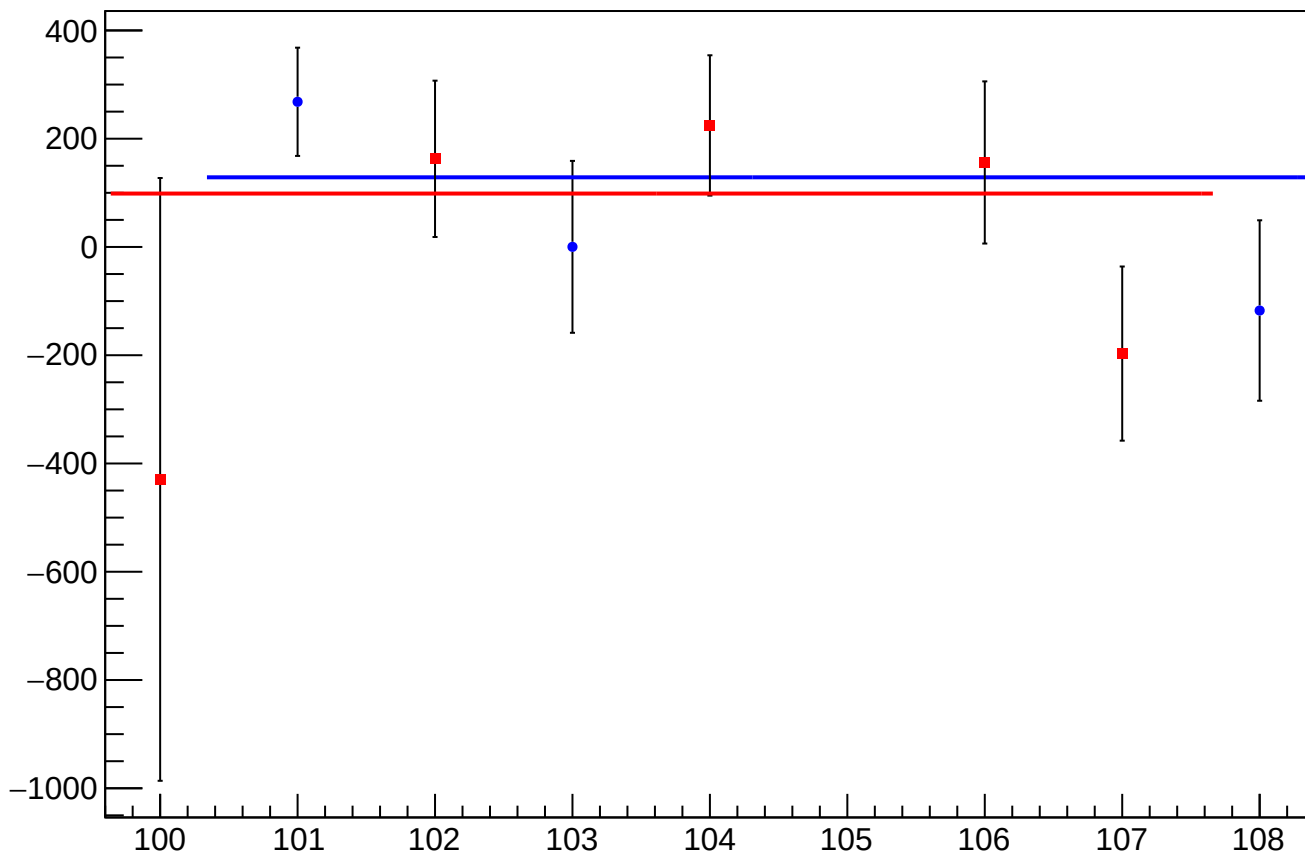
Right: 435.028+/-0.169 χ^2/NDF : 150222.4/7

In: 440.512+/-0.245 χ^2/NDF : 58757.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 435.028+/-0.169 χ^2/NDF : 150222.4/7

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 128.659 $\pm$ 75.451 χ^2 /NDF: 4.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 98.656 $\pm$ 71.813 χ^2 /NDF: 5.6/4

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

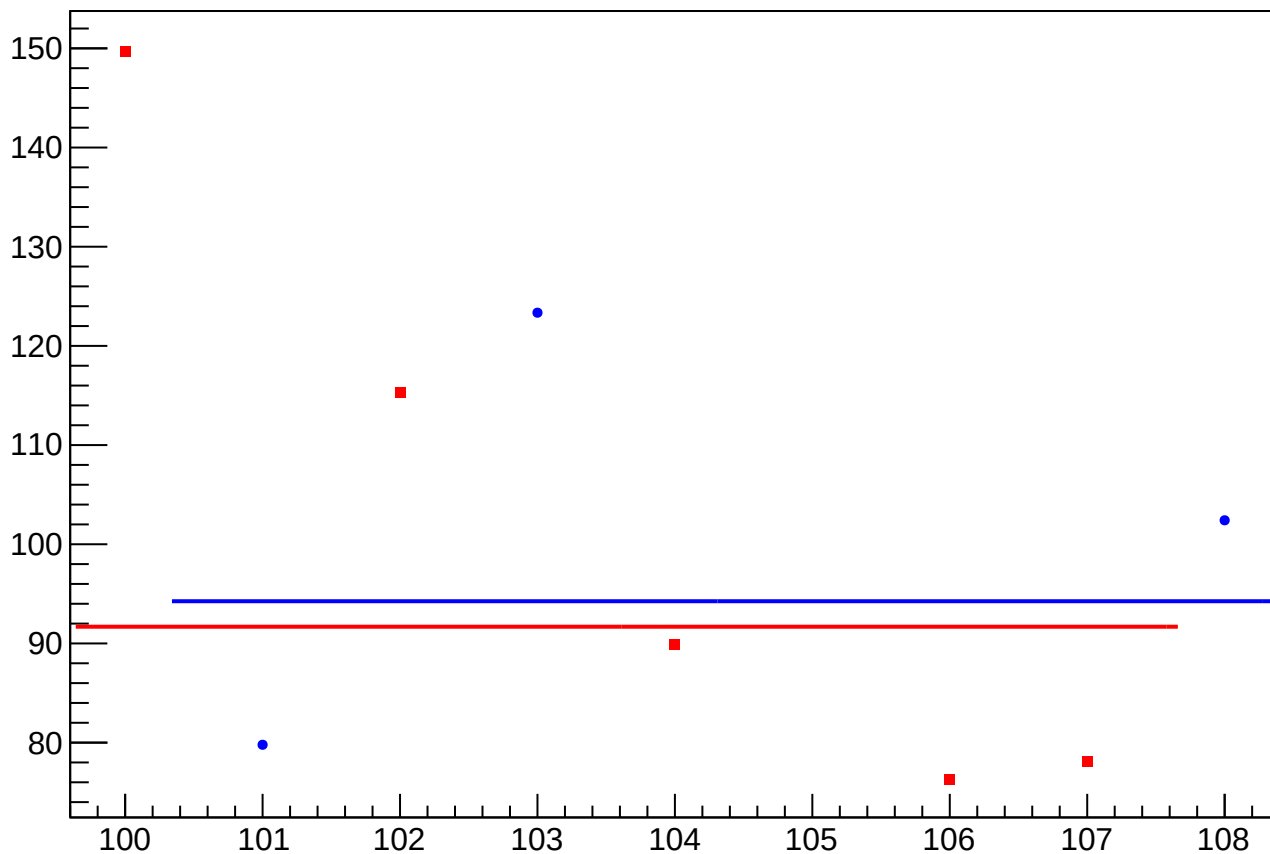
Right: 112.917 $\pm$ 52.018 χ^2 /NDF: 10.4/7

In: 128.659 $\pm$ 75.451 χ^2 /NDF:4.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 112.917 $\pm$ 52.018 χ^2 /NDF: 10.4/7

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 94.256+/-0.053 χ^2/NDF : 113819.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.687+/-0.051 χ^2/NDF : 111002.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

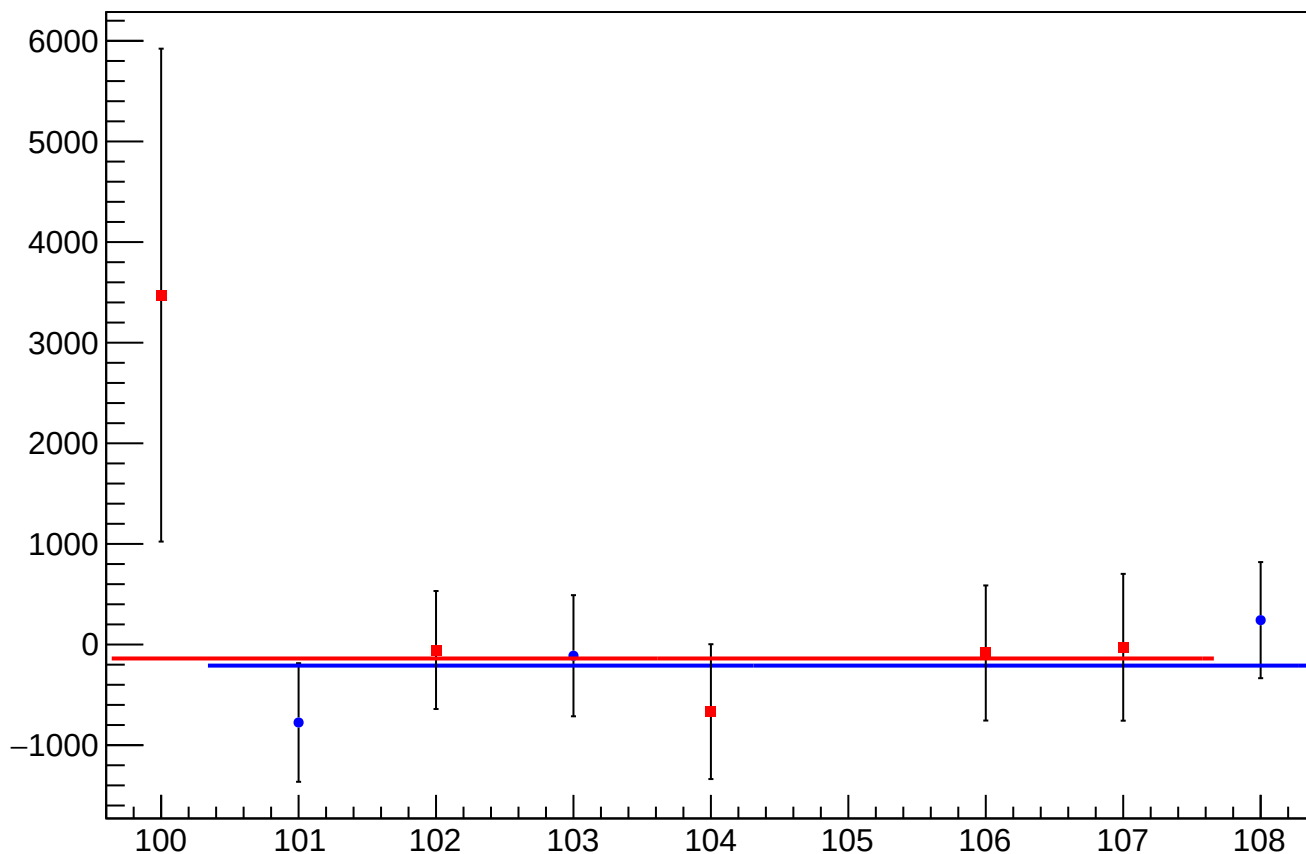
Right: 92.908+/-0.037 χ^2/NDF : 226039.2/7

In: 94.256+/-0.053 χ^2/NDF : 113819.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.908+/-0.037 χ^2/NDF : 226039.2/7

asym_sam_13_57_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -209.435+/-340.164 χ^2/NDF : 1.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -138.606+/-326.178 χ^2/NDF : 2.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

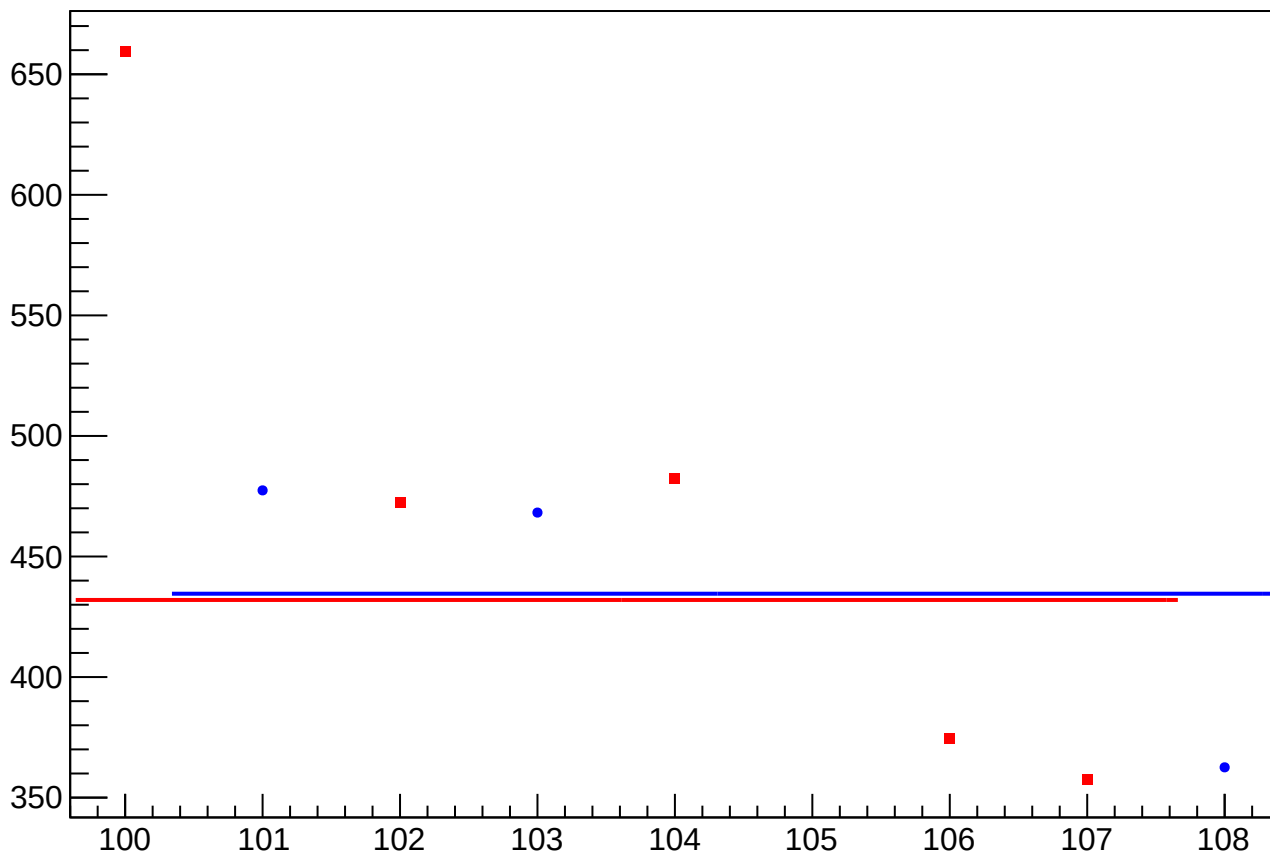
Right: -172.534+/-235.432 χ^2/NDF : 4.4/7

In: -209.435+/-340.164 χ^2/NDF : 1.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -172.534+/-235.432 χ^2/NDF : 4.4/7

asym_sam_13_57_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 434.566+/-0.241 χ^2/NDF : 47974.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 431.977+/-0.231 χ^2/NDF : 73549.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

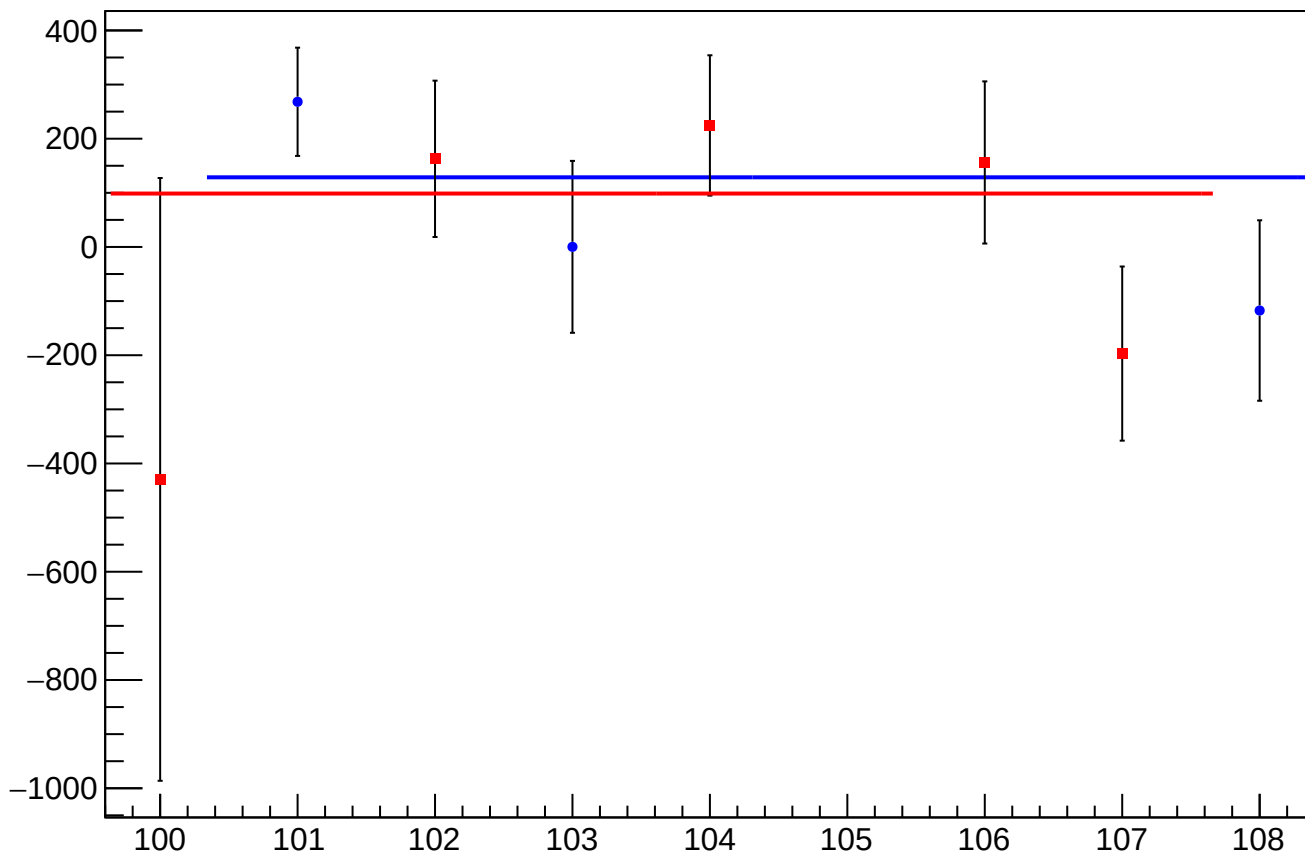
Right: 433.217+/-0.166 χ^2/NDF : 121584.6/7

In: 434.566+/-0.241 χ^2/NDF : 47974.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 433.217+/-0.166 χ^2/NDF : 121584.6/7

eigen_dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 128.663 $\pm$ 75.451 χ^2 /NDF: 4.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 98.656 $\pm$ 71.813 χ^2 /NDF: 5.6/4

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

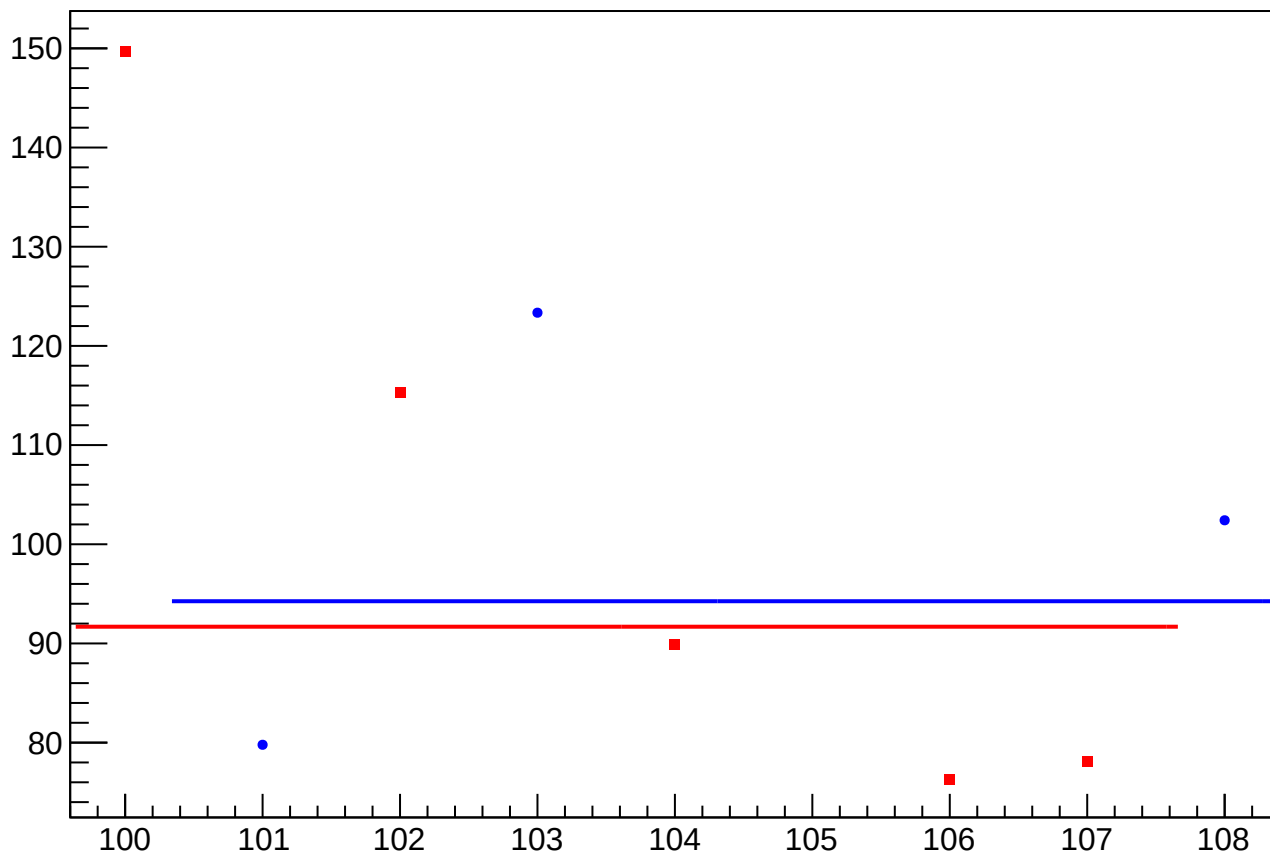
Right: 112.918 $\pm$ 52.018 χ^2 /NDF: 10.4/7

In: 128.663 $\pm$ 75.451 χ^2 /NDF:4.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 112.918 $\pm$ 52.018 χ^2 /NDF: 10.4/7

eigen_dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 94.257+/-0.053 χ^2/NDF : 113821.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.687+/-0.051 χ^2/NDF : 111004.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

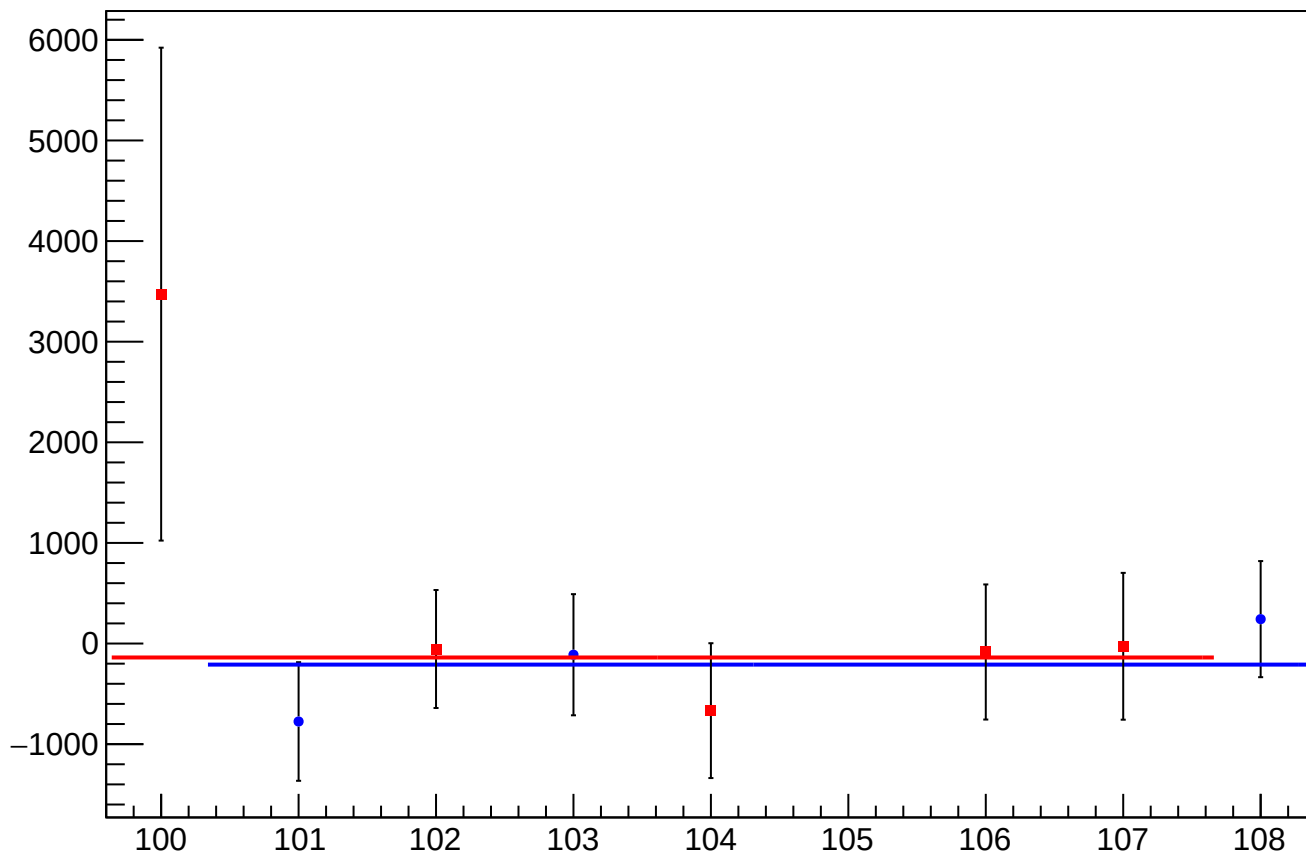
Right: 92.909+/-0.037 χ^2/NDF : 226042.0/7

In: 94.257+/-0.053 χ^2/NDF : 113821.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.909+/-0.037 χ^2/NDF : 226042.0/7

asym_sam_13_57_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -209.435+/-340.163 χ^2/NDF : 1.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -138.607+/-326.177 χ^2/NDF : 2.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

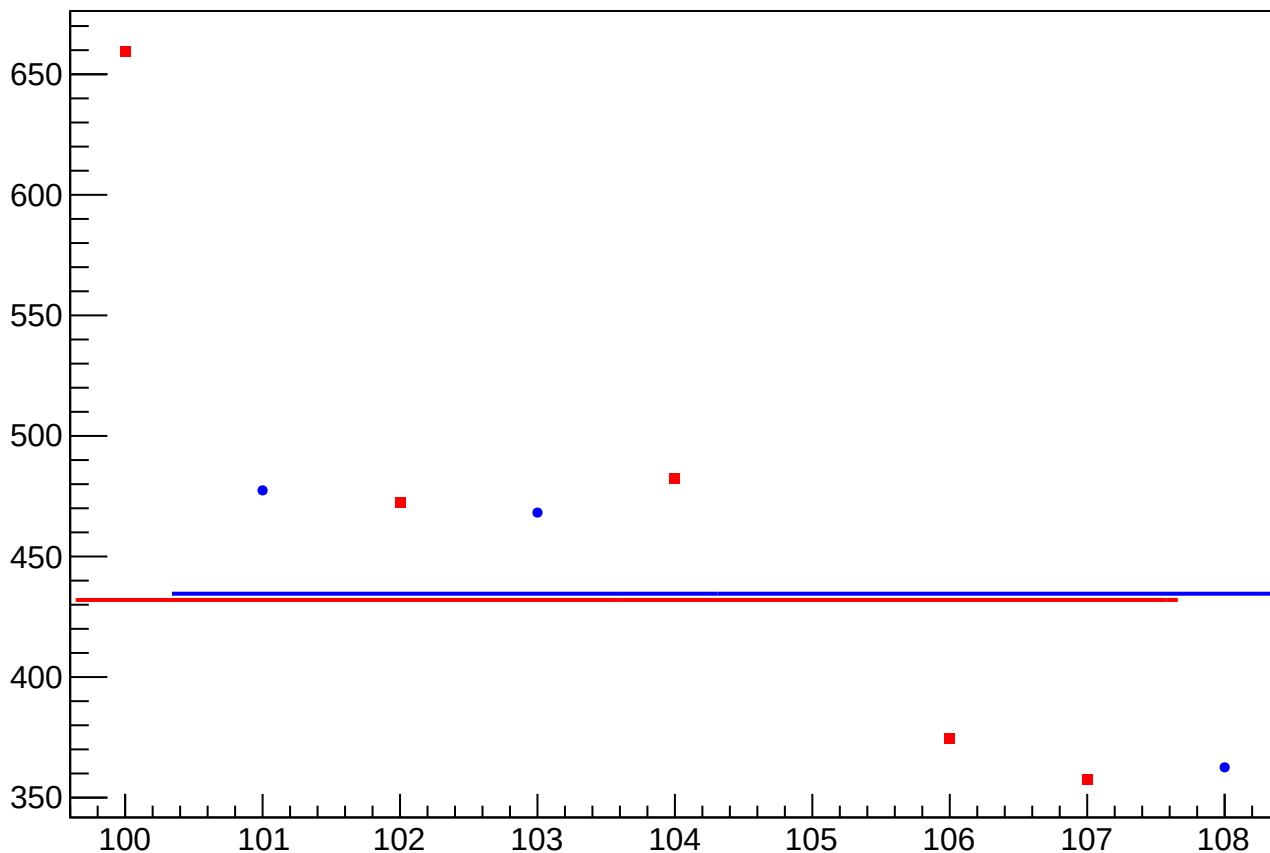
Right: -172.534+/-235.431 χ^2/NDF : 4.4/7

In: -209.435+/-340.163 χ^2/NDF : 1.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -172.534+/-235.431 χ^2/NDF : 4.4/7

asym_sam_13_57_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 434.565 $\pm$ 0.241 χ^2/NDF : 47973.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 431.976 $\pm$ 0.231 χ^2/NDF : 73547.9/4

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

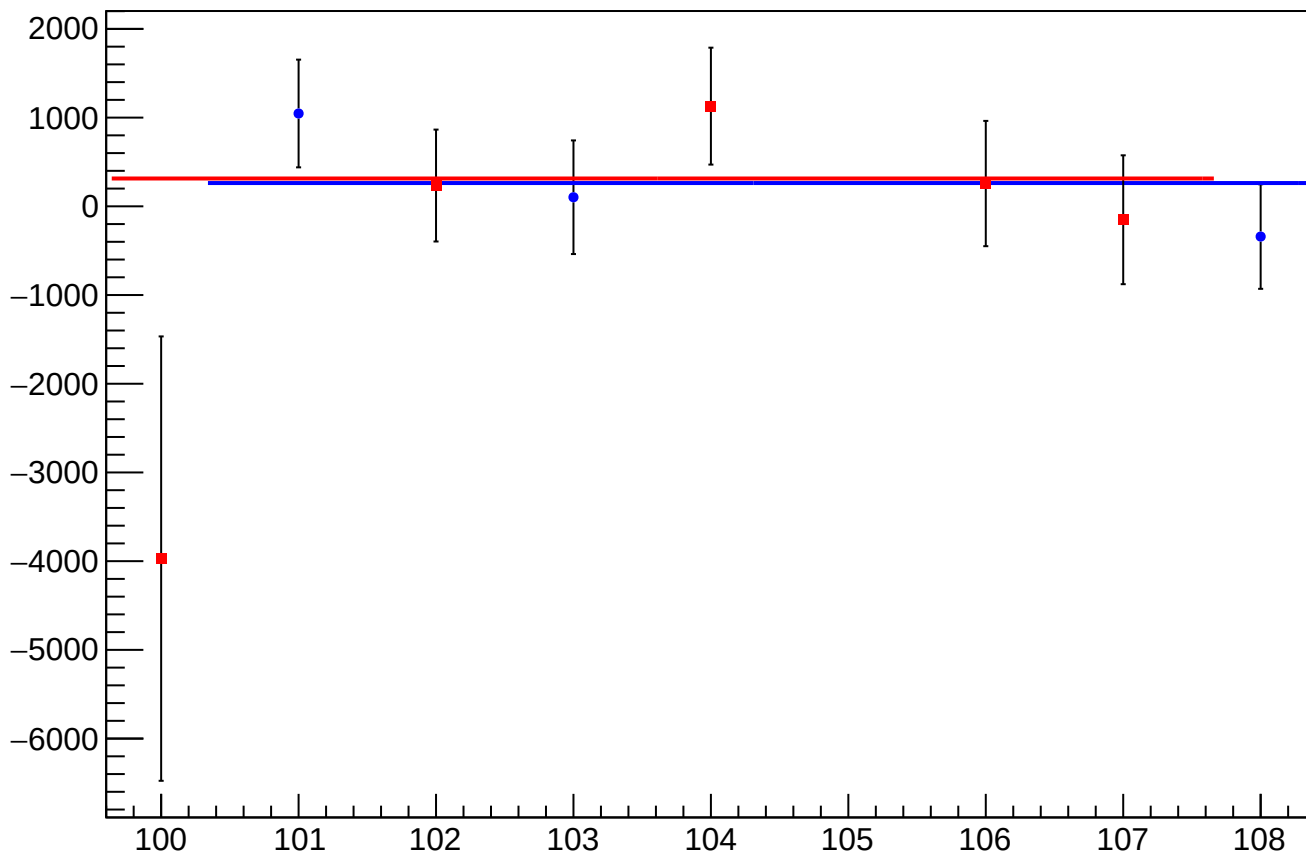
Right: 433.216 $\pm$ 0.166 χ^2/NDF : 121582.1/7

In: 434.565 $\pm$ 0.241 χ^2/NDF : 47973.8/2

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 433.216 $\pm$ 0.166 χ^2/NDF : 121582.1/7

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 262.424+/-352.916 χ^2/NDF : 2.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 313.692+/-335.646 χ^2/NDF : 4.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

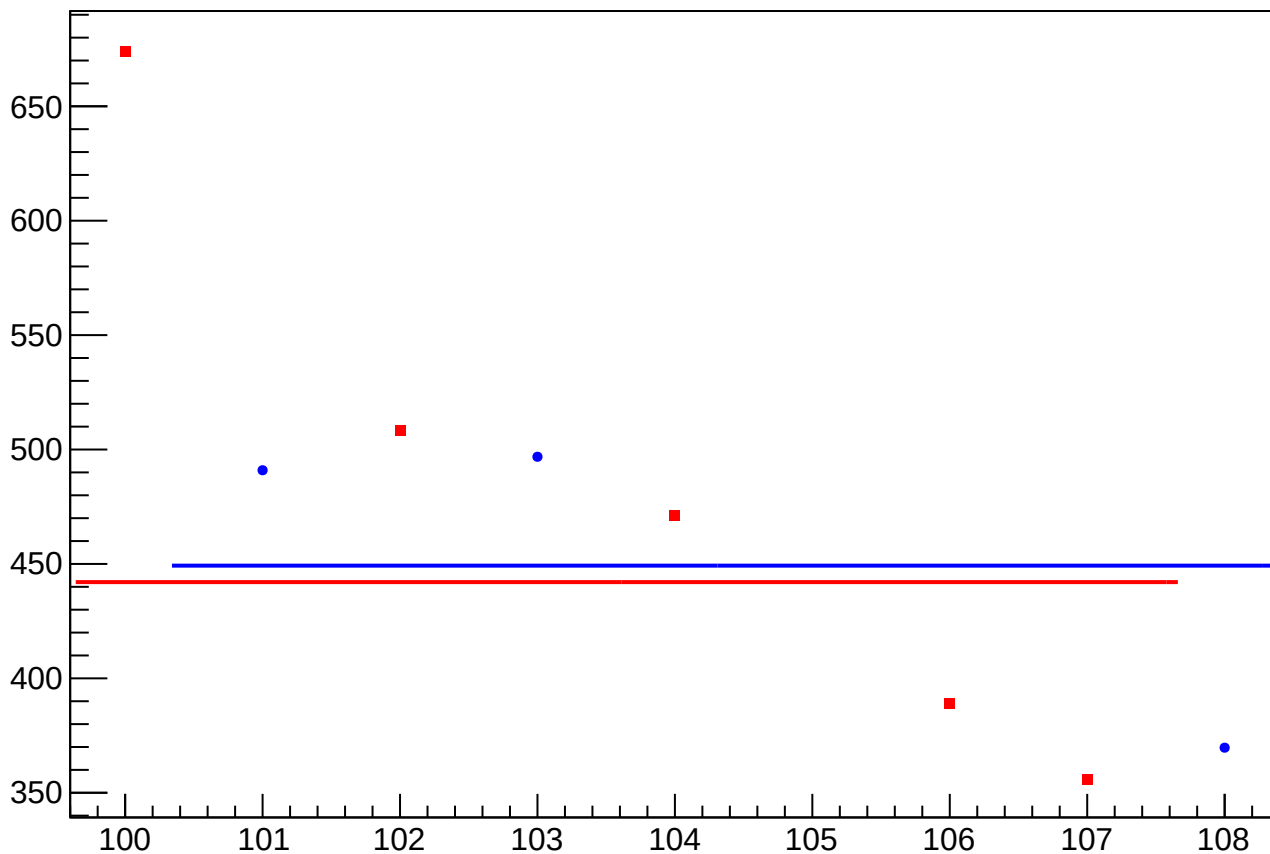
Right: 289.343+/-243.214 χ^2/NDF : 7.7/7

In: 262.424+/-352.916 χ^2/NDF : 2.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 289.343+/-243.214 χ^2/NDF : 7.7/7

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 449.257 $\pm$ 0.250 χ^2 /NDF: 56908.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 442.060 $\pm$ 0.237 χ^2 /NDF: 82571.8/4

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

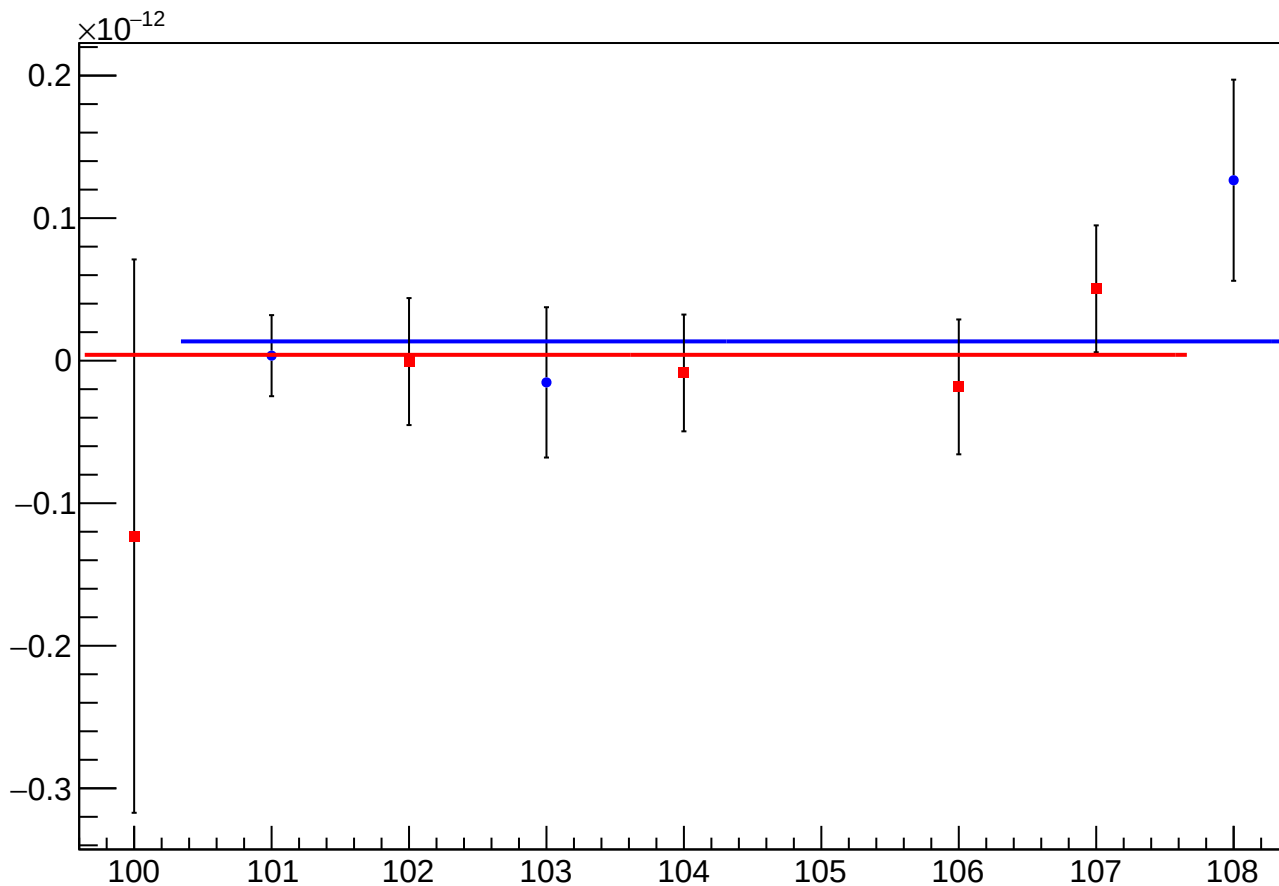
Right: 445.478 $\pm$ 0.172 χ^2 /NDF: 139917.0/7

In: 449.257 $\pm$ 0.250 χ^2 /NDF: 56908.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 445.478 $\pm$ 0.172 χ^2 /NDF: 139917.0/7

asym_sam_13_57_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

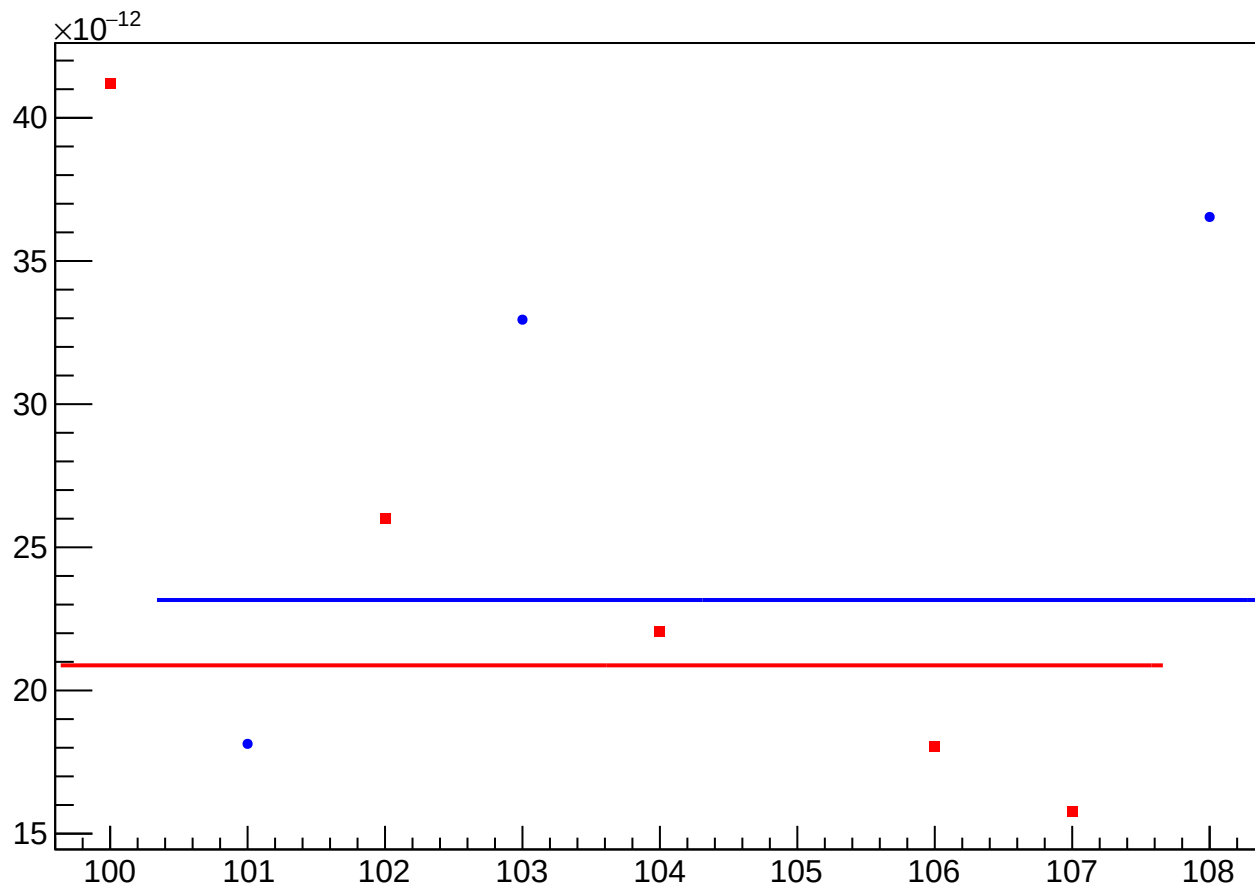
Right: 0.000+/-0.000 χ^2/NDF : 4.9/7

In: 0.000+/-0.000 χ^2/NDF : 3.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.9/7

asym_sam_13_57_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 203278.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 83792.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

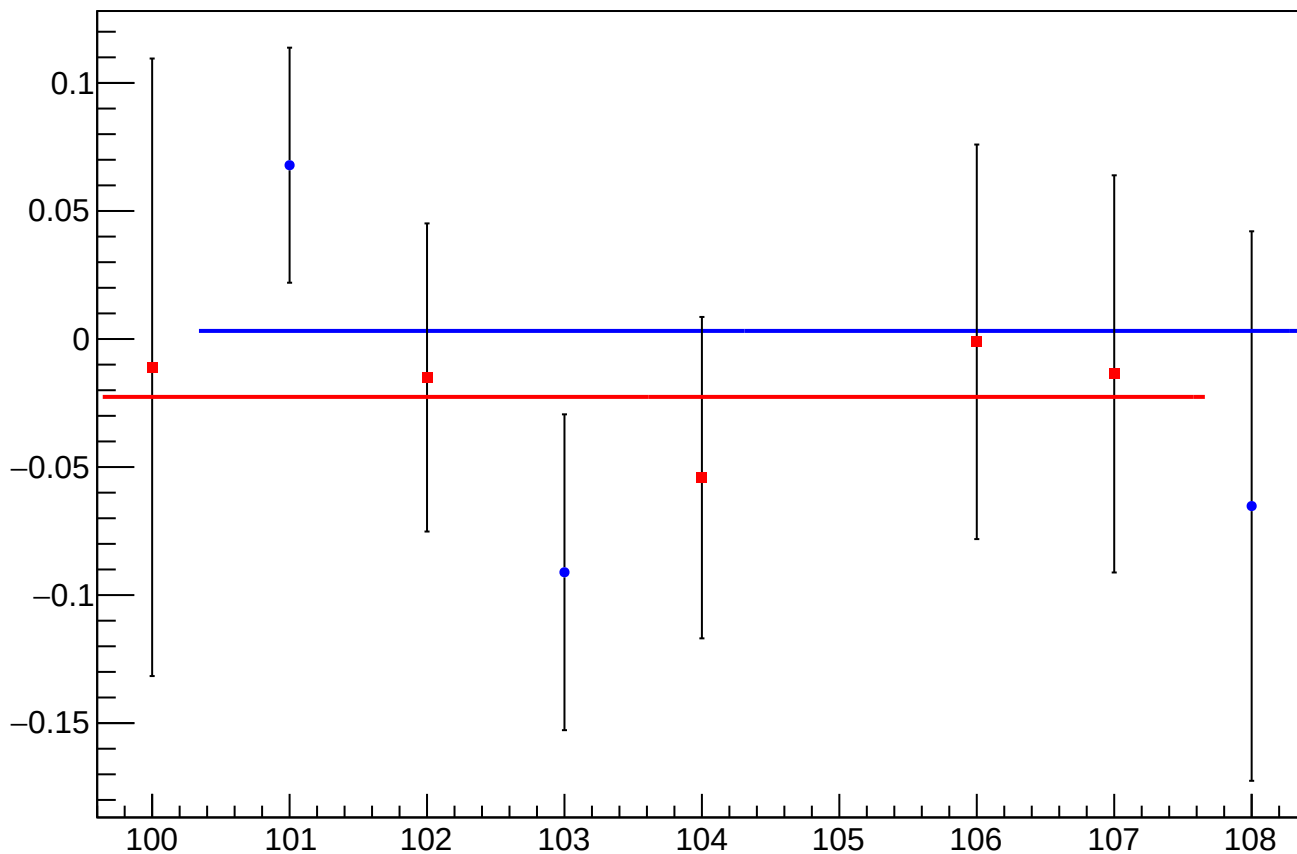
Right: 0.000+/-0.000 χ^2/NDF : 297108.6/7

In: 0.000+/-0.000 χ^2/NDF : 203278.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 297108.6/7

asym_sam_13_57_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.035 χ^2 /NDF: 4.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.023 $\pm$ 0.033 χ^2 /NDF: 0.4/4

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

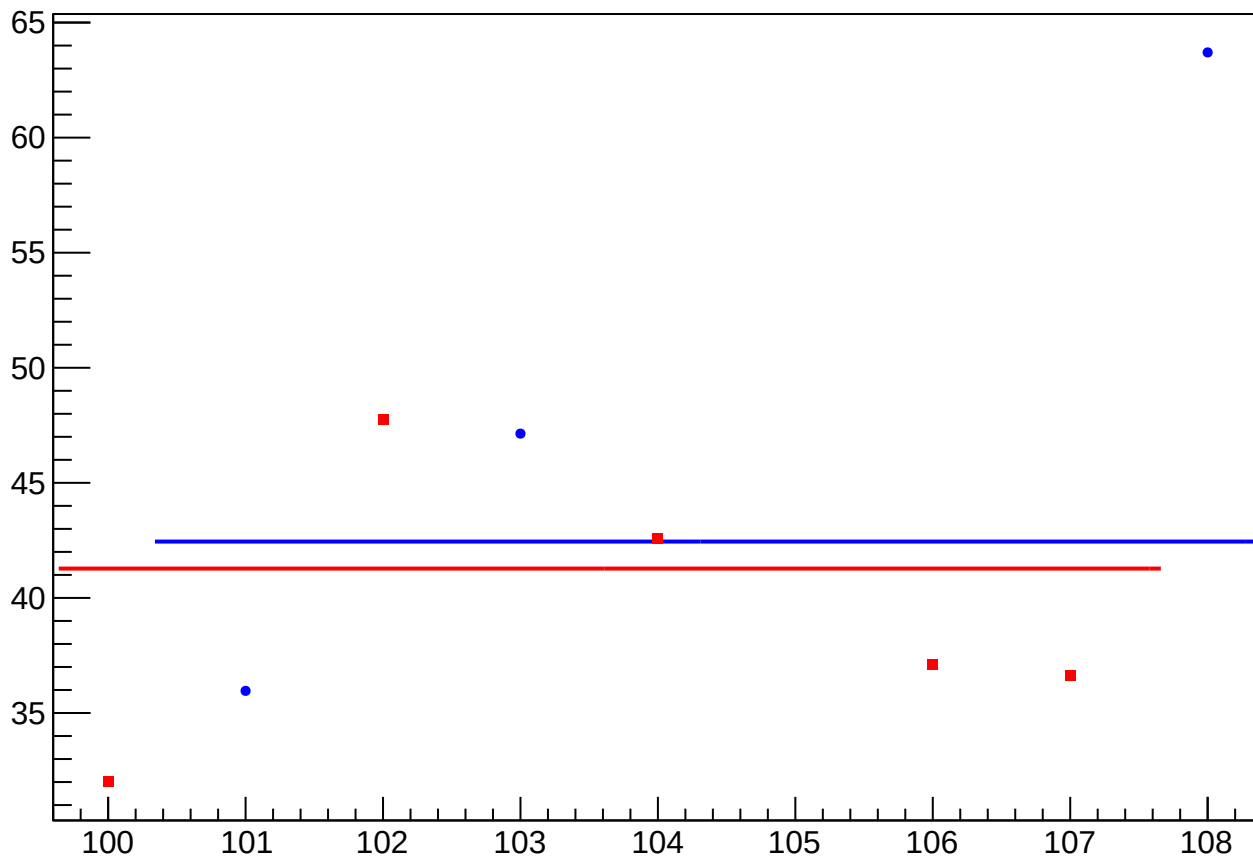
Right: -0.011 $\pm$ 0.024 χ^2 /NDF: 5.4/7

In: 0.003 $\pm$ 0.035 χ^2 /NDF:4.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.011 $\pm$ 0.024 χ^2 /NDF: 5.4/7

asym_sam_13_57_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.449+/-0.025 χ^2/NDF : 129994.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.276+/-0.023 χ^2/NDF : 48910.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

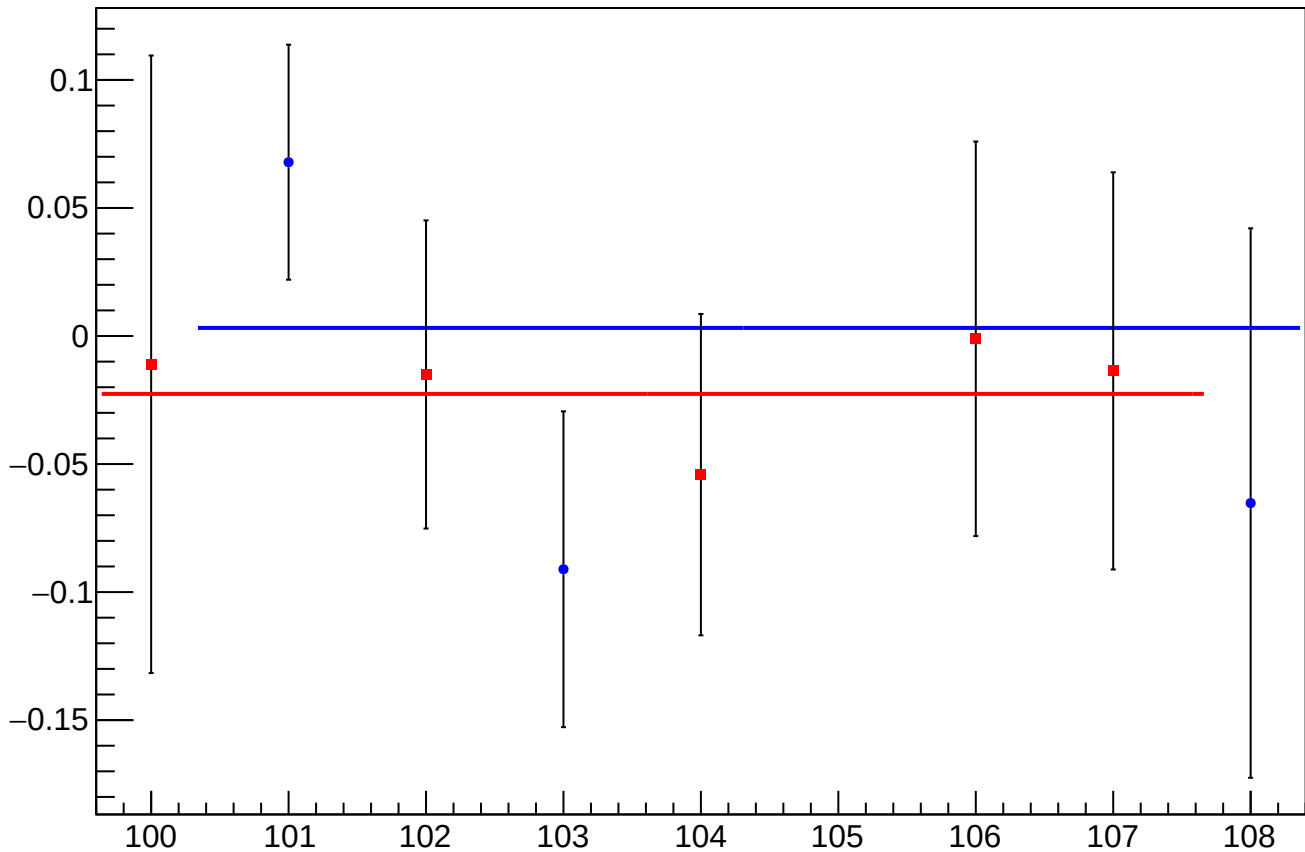
Right: 41.826+/-0.017 χ^2/NDF : 180108.7/7

In: 42.449+/-0.025 χ^2/NDF : 129994.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.826+/-0.017 χ^2/NDF : 180108.7/7

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003+/-0.035 χ^2/NDF : 4.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.023+/-0.033 χ^2/NDF : 0.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

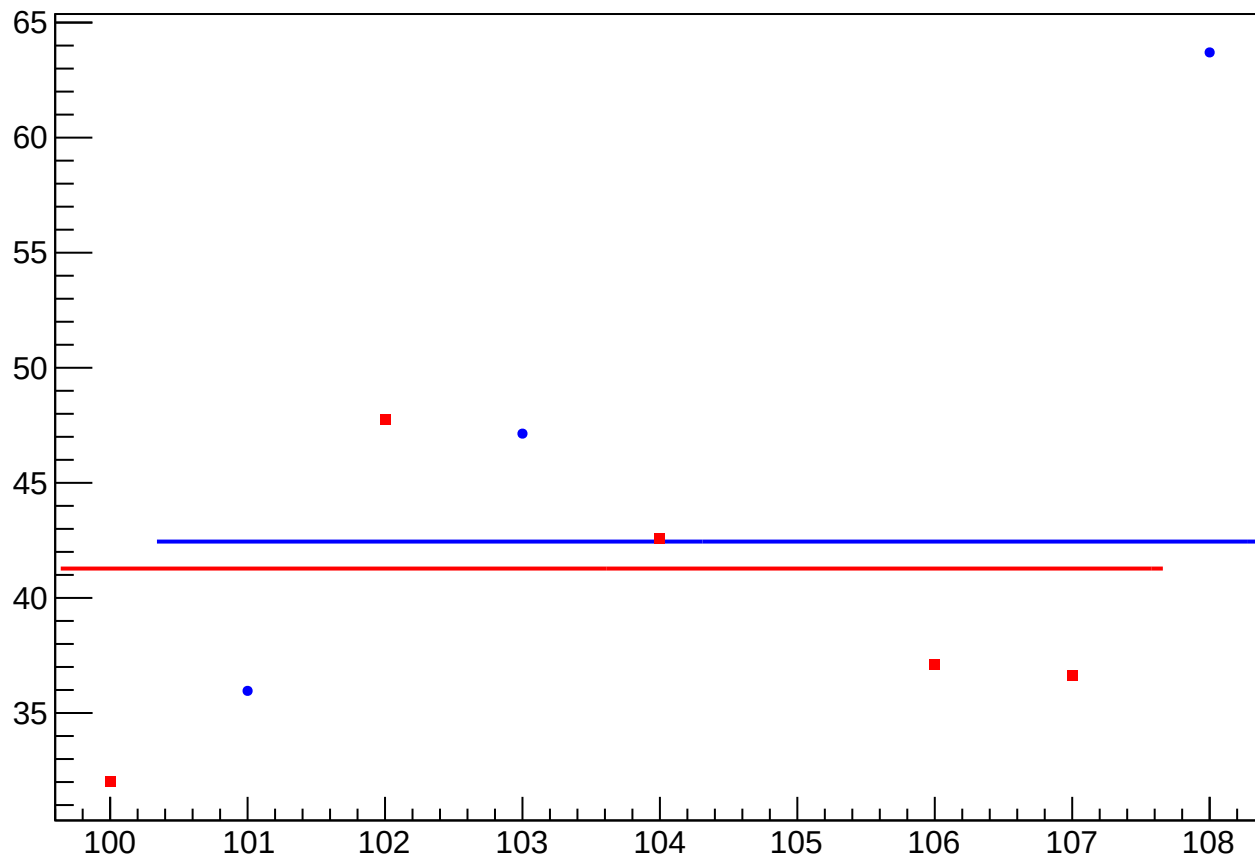
Right: -0.011+/-0.024 χ^2/NDF : 5.4/7

In: 0.003+/-0.035 χ^2/NDF : 4.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.024 χ^2/NDF : 5.4/7

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.449 ± 0.025 $\chi^2/\text{NDF}: 129994.9/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 41.276 ± 0.023 $\chi^2/\text{NDF}: 48910.1/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

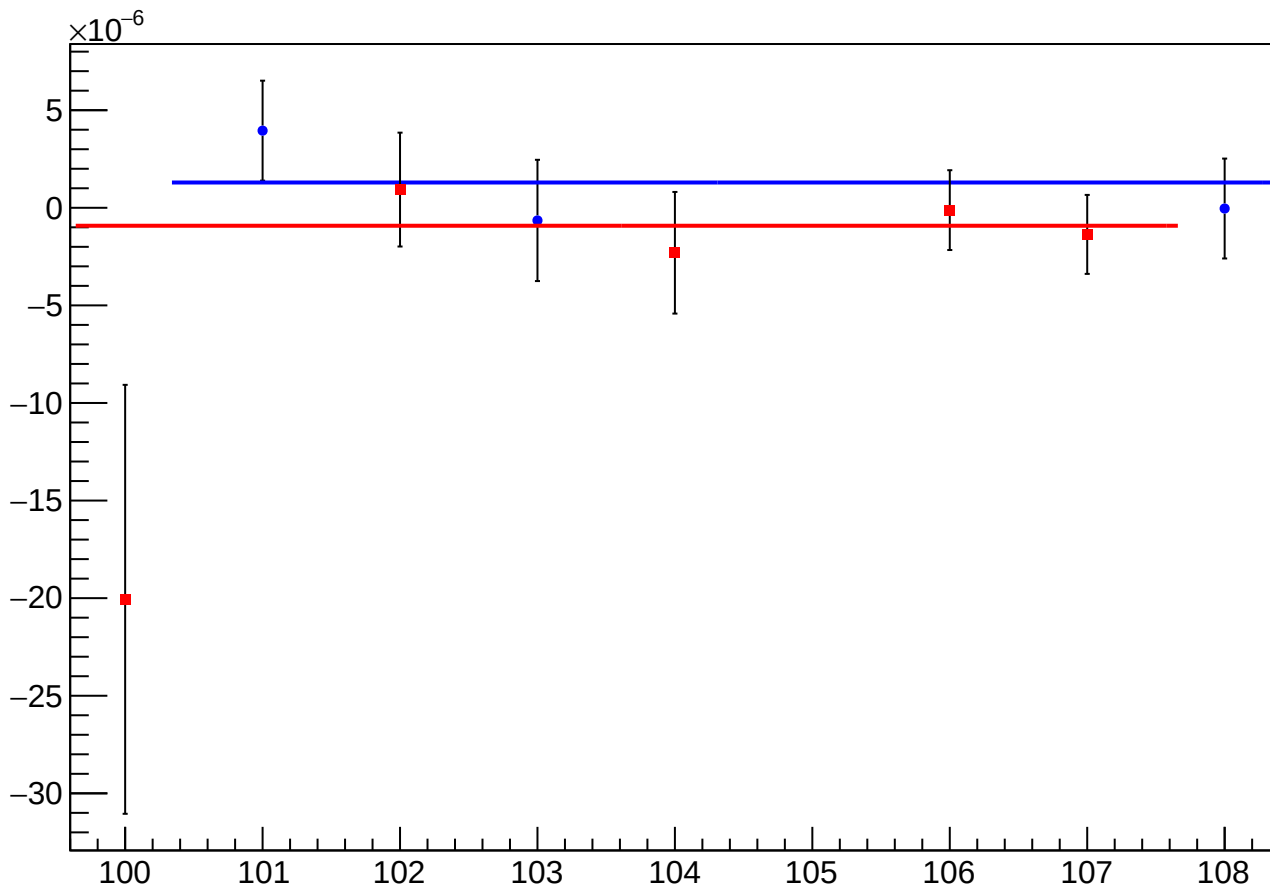
Right: 41.826 ± 0.017 $\chi^2/\text{NDF}: 180108.7/7$

In: 42.449 ± 0.025 $\chi^2/\text{NDF}: 129994.9/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 41.826 ± 0.017 $\chi^2/\text{NDF}: 180108.7/7$

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.8/4

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

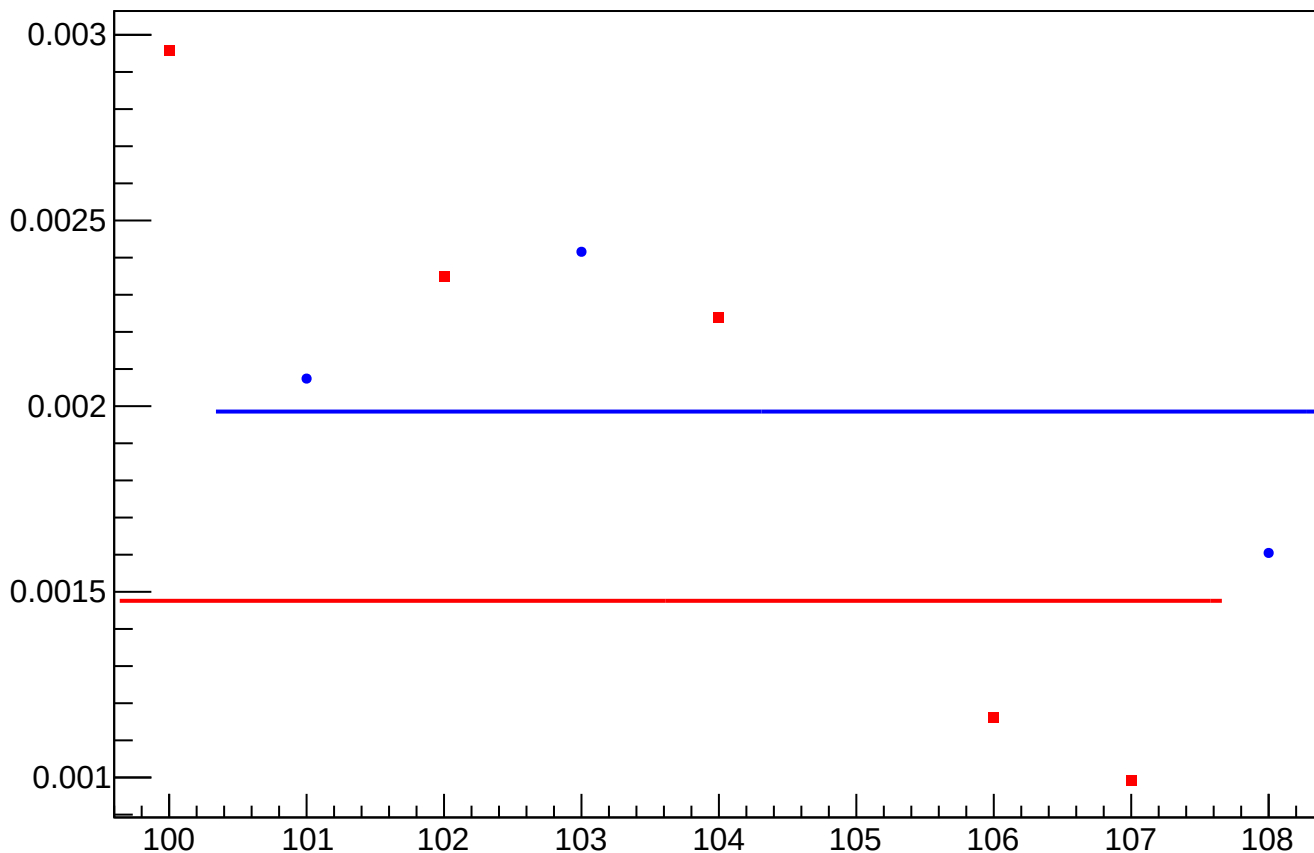
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.9/7

In: 0.000 $\pm$ 0.000 χ^2 /NDF:1.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.9/7

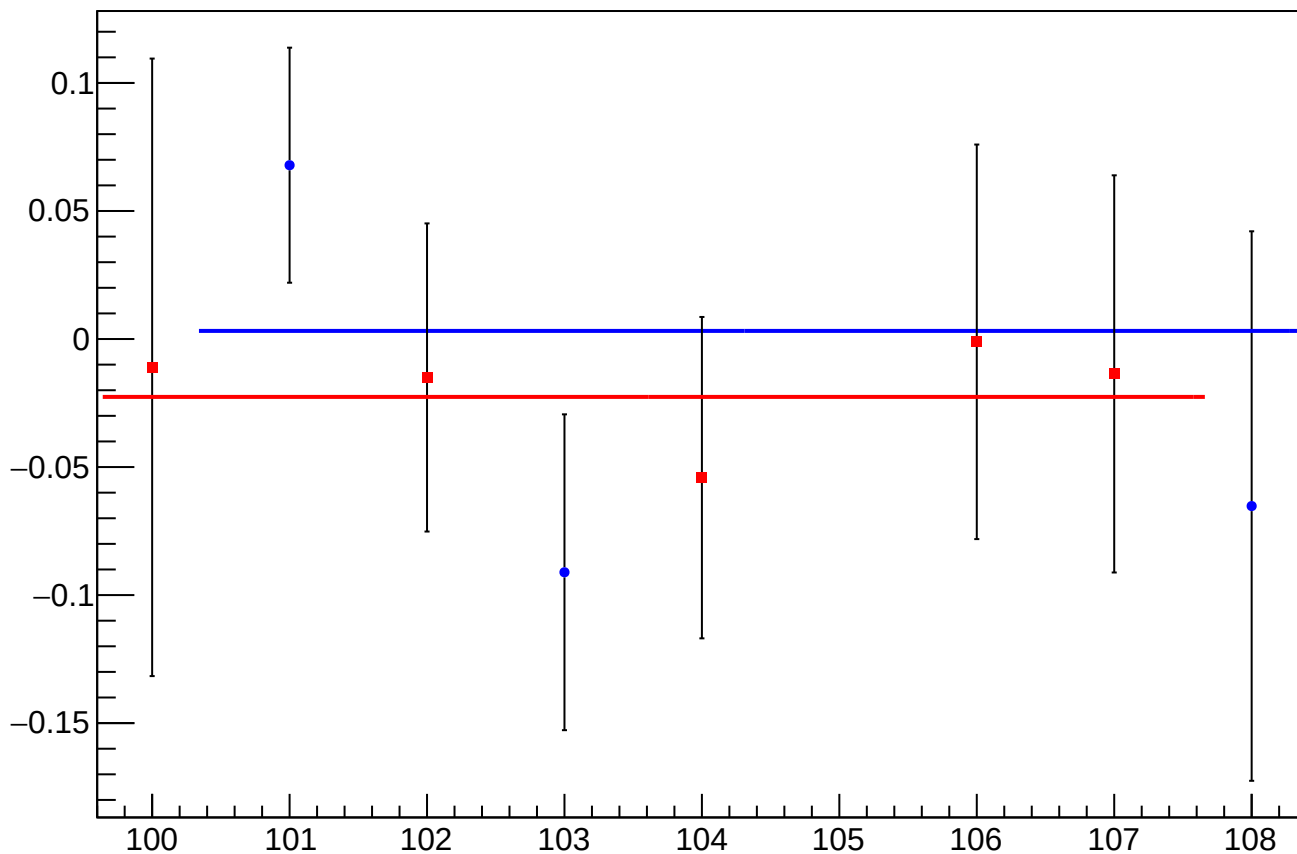
asym_sam_13_57_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 85045.8/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.001+/-0.000 χ^2/NDF : 497272.9/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.002+/-0.000 χ^2/NDF : 717277.8/7
 In: 0.002+/-0.000 χ^2/NDF : 85045.8/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.002+/-0.000 χ^2/NDF : 717277.8/7

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.035 χ^2 /NDF: 4.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.023 $\pm$ 0.033 χ^2 /NDF: 0.4/4

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

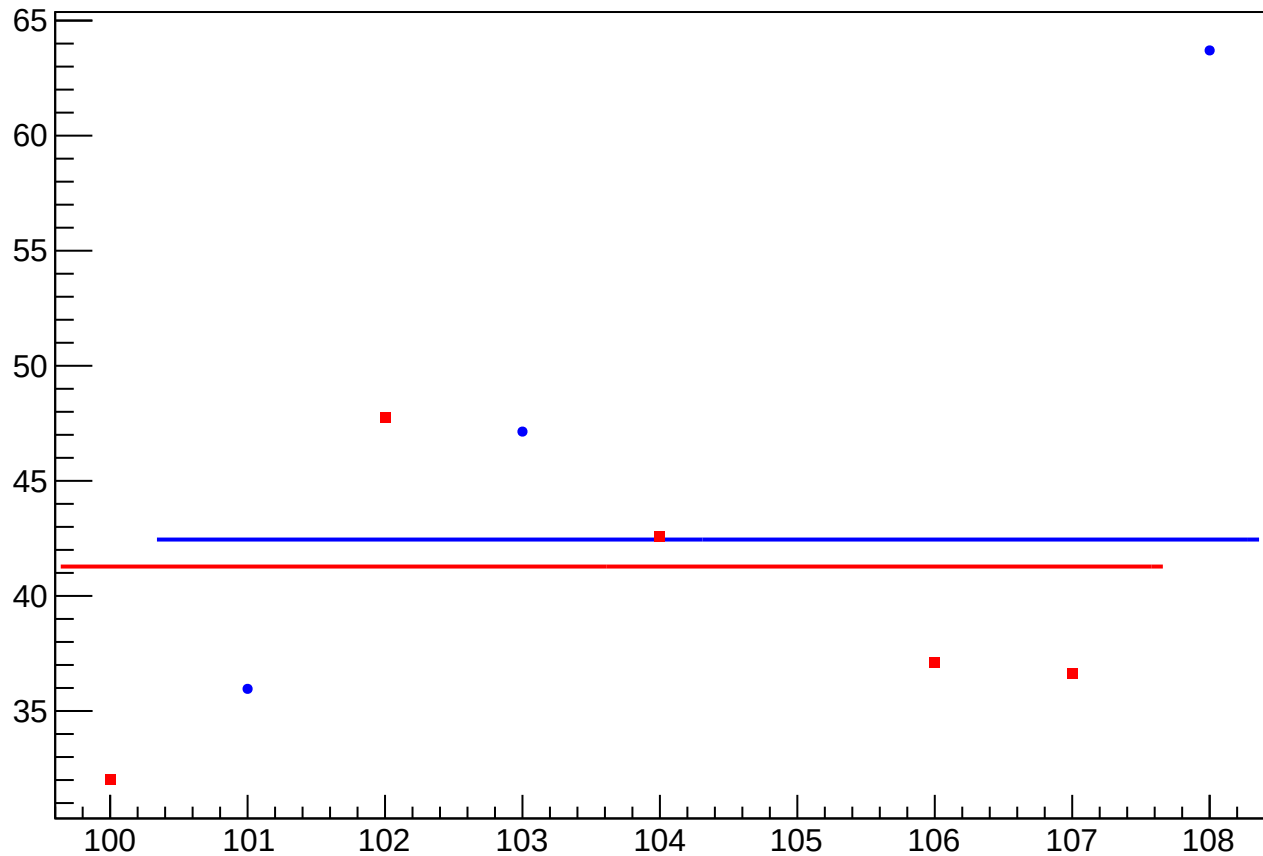
Right: -0.011 $\pm$ 0.024 χ^2 /NDF: 5.4/7

In: 0.003 $\pm$ 0.035 χ^2 /NDF:4.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.011 $\pm$ 0.024 χ^2 /NDF: 5.4/7

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.449 $\pm$ 0.025 χ^2 /NDF: 129999.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 41.277 $\pm$ 0.023 χ^2 /NDF: 48915.9/4

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

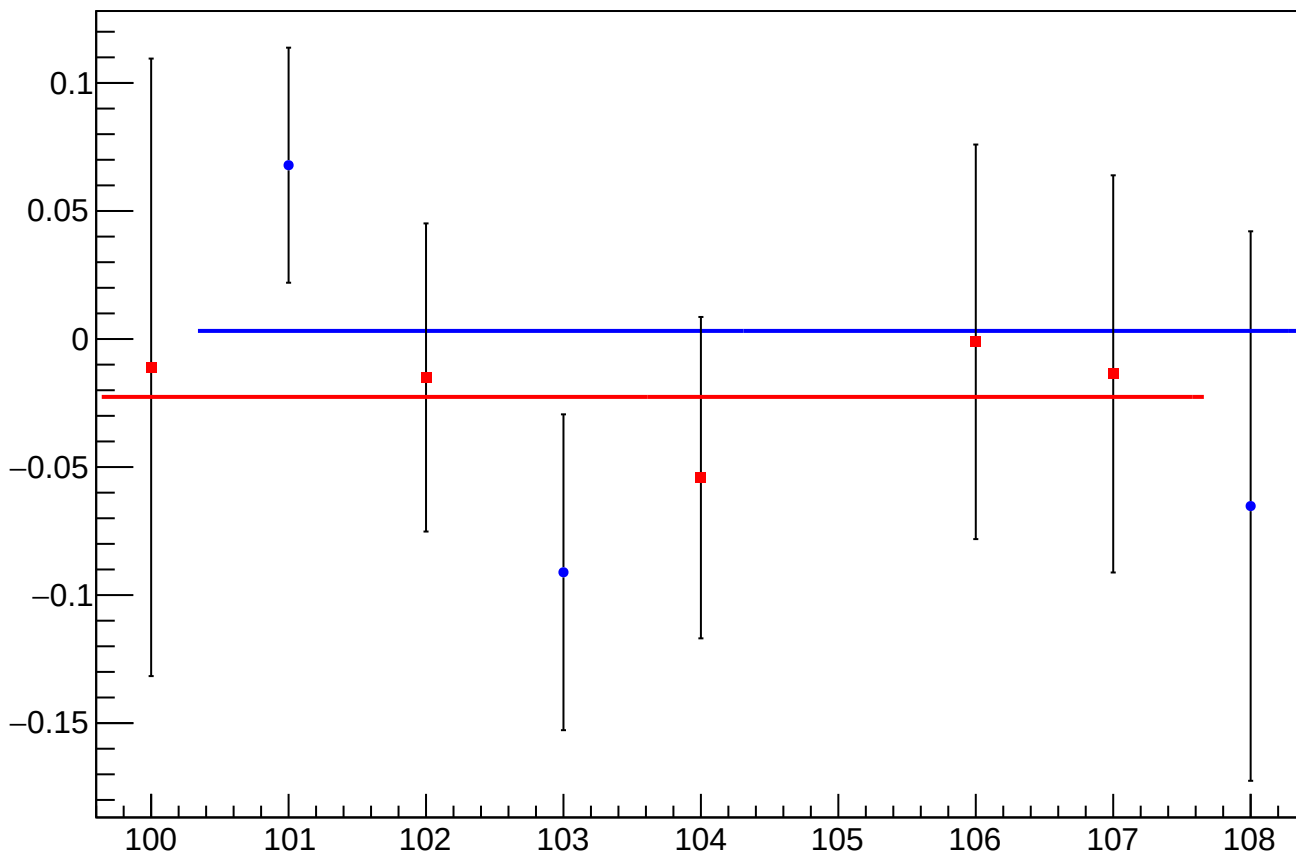
Right: 41.827 $\pm$ 0.017 χ^2 /NDF: 180120.5/7

In: 42.449 $\pm$ 0.025 χ^2 /NDF: 129999.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 41.827 $\pm$ 0.017 χ^2 /NDF: 180120.5/7

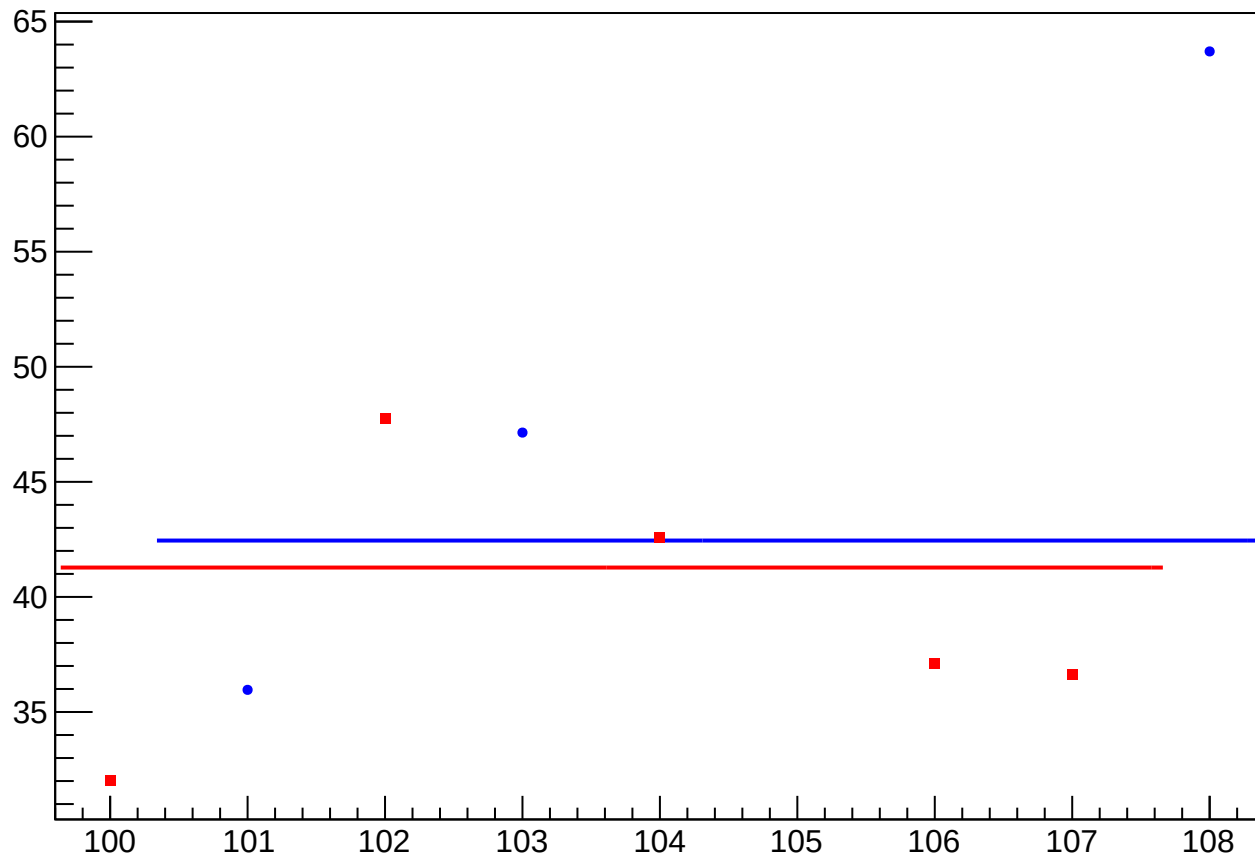
asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.035 χ^2 /NDF: 4.7/2
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.023 $\pm$ 0.033 χ^2 /NDF: 0.4/4
 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: -0.011 $\pm$ 0.024 χ^2 /NDF: 5.4/7
 In: 0.003 $\pm$ 0.035 χ^2 /NDF:4.7/2
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.011 $\pm$ 0.024 χ^2 /NDF: 5.4/7

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.449+/-0.025 χ^2/NDF : 129999.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.277+/-0.023 χ^2/NDF : 48915.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

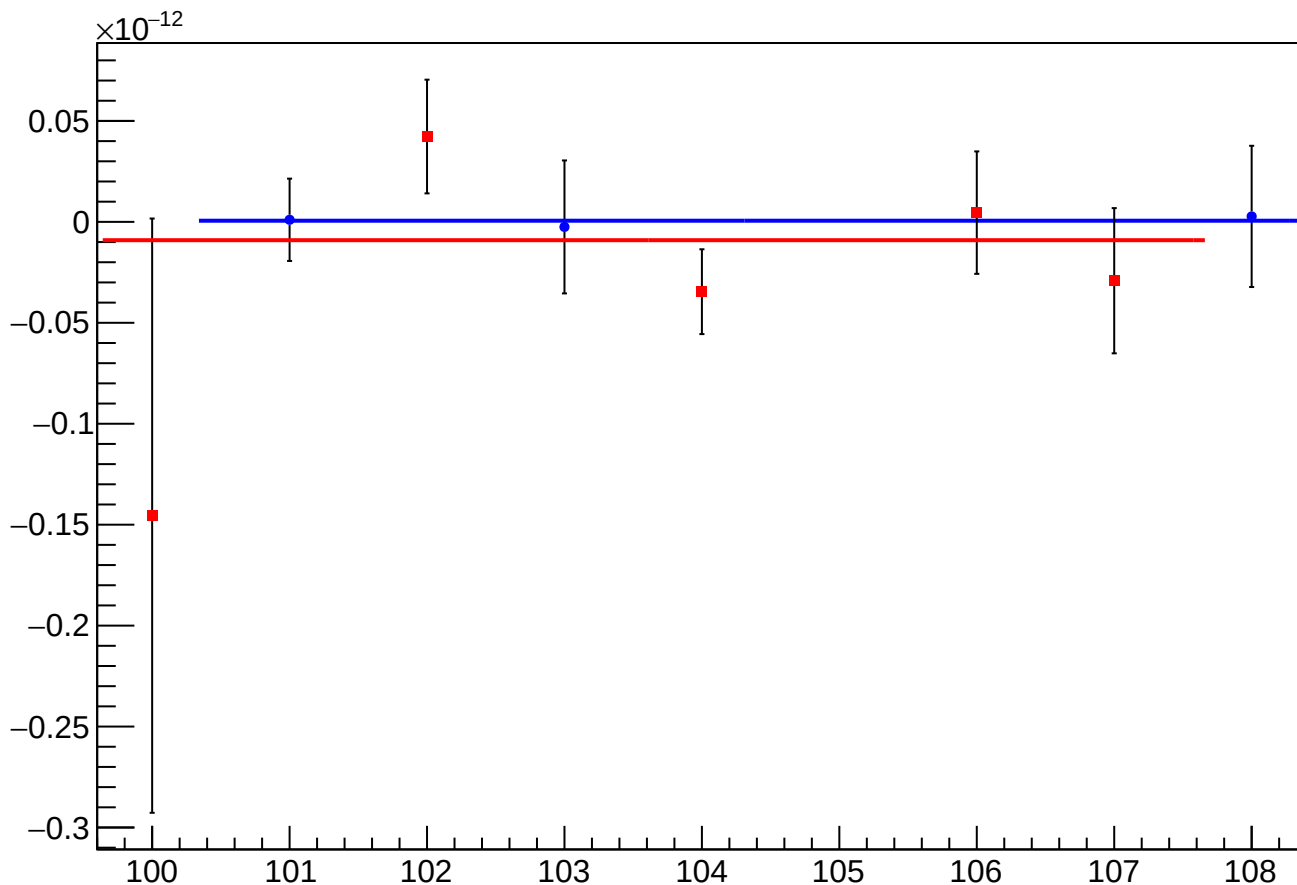
Right: 41.827+/-0.017 χ^2/NDF : 180120.5/7

In: 42.449+/-0.025 χ^2/NDF : 129999.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.827+/-0.017 χ^2/NDF : 180120.5/7

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

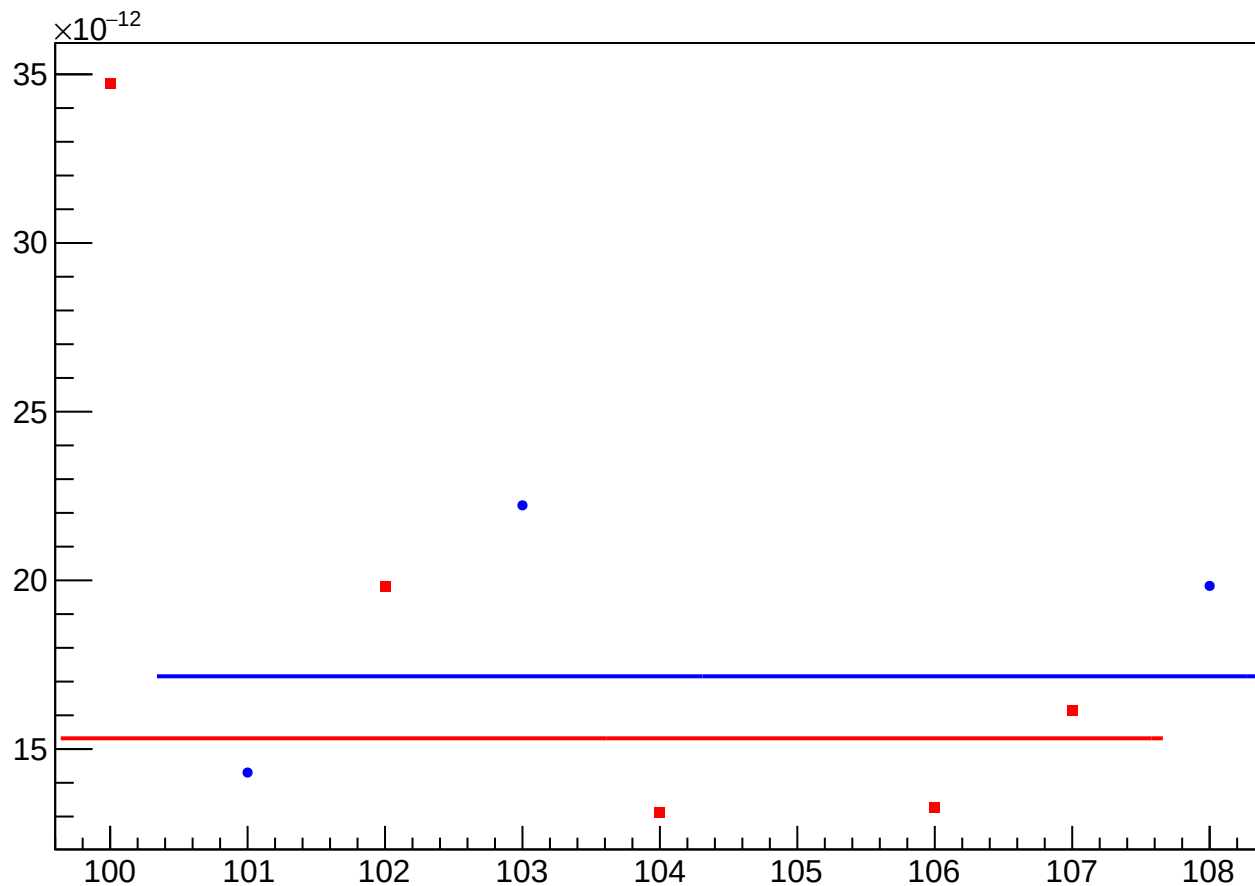
Right: -0.000+/-0.000 χ^2/NDF : 6.4/7

In: 0.000+/-0.000 χ^2/NDF : 0.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.4/7

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 98230.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 117650.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

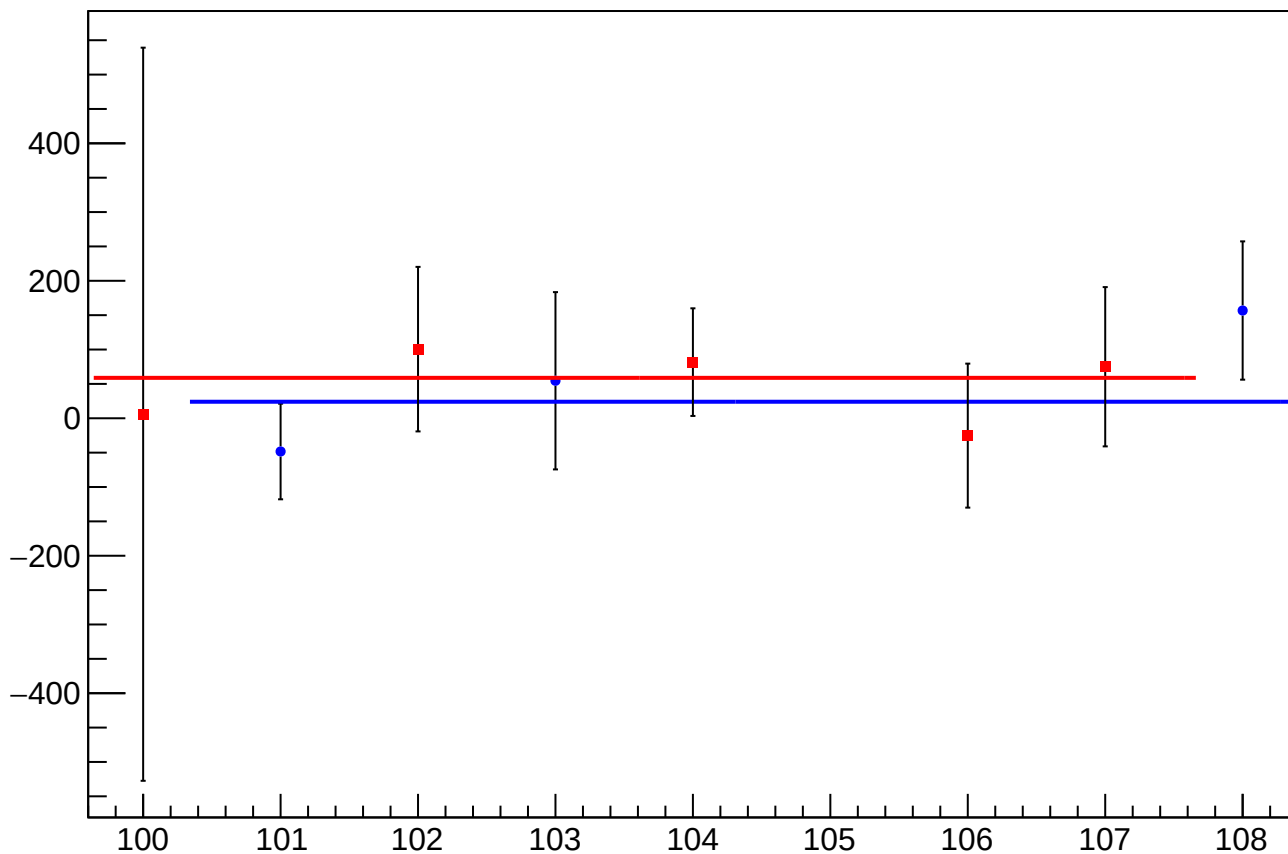
Right: 0.000+/-0.000 χ^2/NDF : 231772.5/7

In: 0.000+/-0.000 χ^2/NDF : 98230.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 231772.5/7

reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 24.050+/-52.306 χ^2/NDF : 2.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.814+/-49.869 χ^2/NDF : 0.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

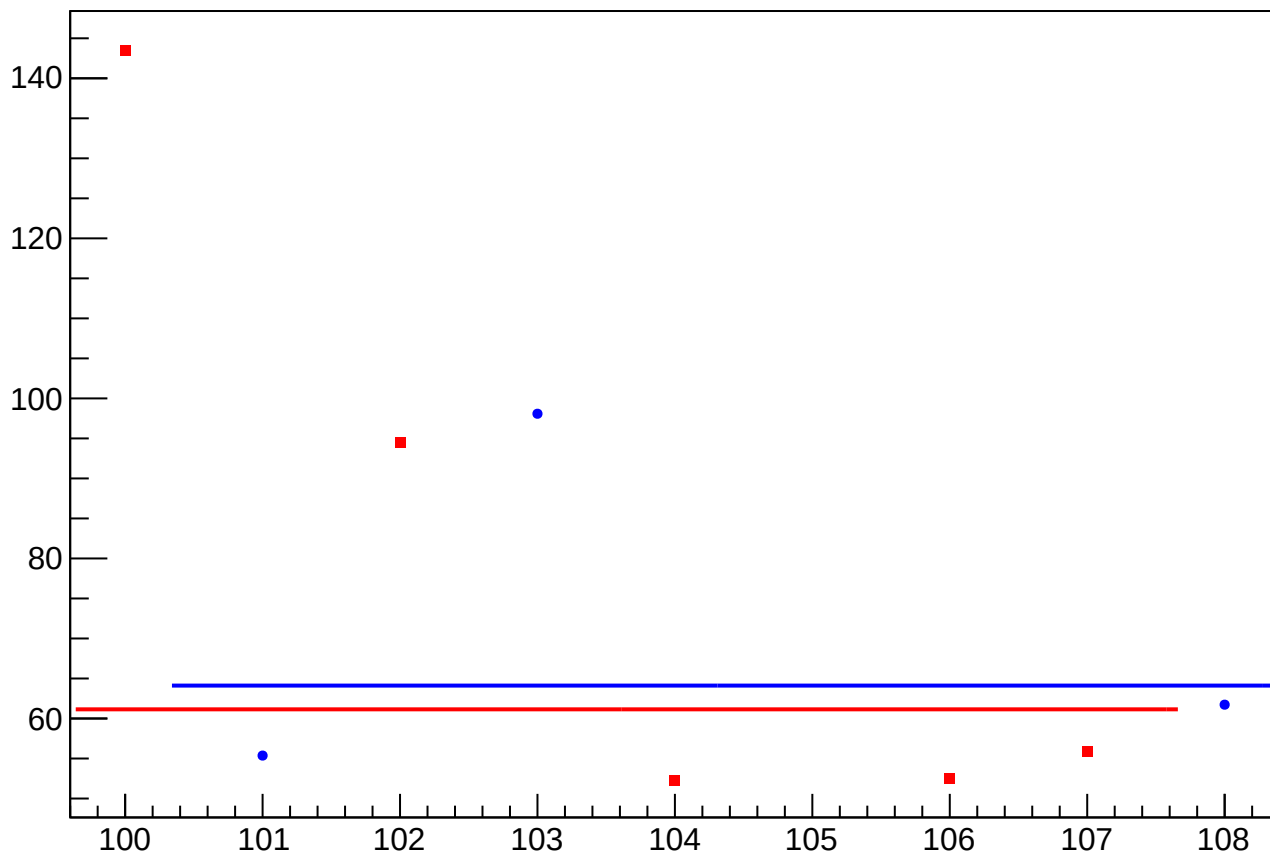
Right: 42.261+/-36.094 χ^2/NDF : 4.0/7

In: 24.050+/-52.306 χ^2/NDF : 2.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.261+/-36.094 χ^2/NDF : 4.0/7

reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 64.113+/-0.037 χ^2/NDF : 171496.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.146+/-0.035 χ^2/NDF : 246453.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

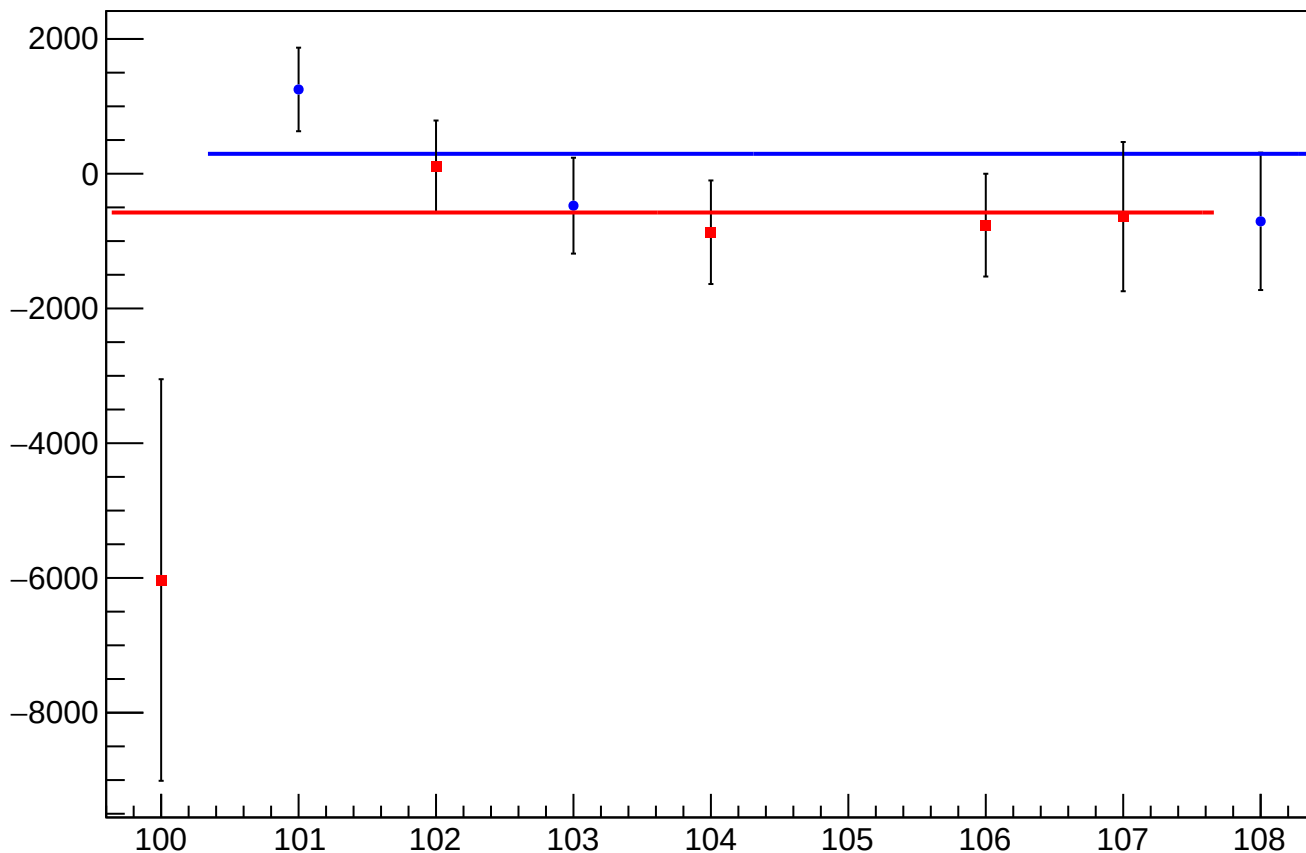
Right: 62.559+/-0.026 χ^2/NDF : 421321.8/7

In: 64.113+/-0.037 χ^2/NDF : 171496.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.559+/-0.026 χ^2/NDF : 421321.8/7

asym_sam_15_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 295.265+/-424.969 χ^2/NDF : 4.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -575.802+/-392.173 χ^2/NDF : 4.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

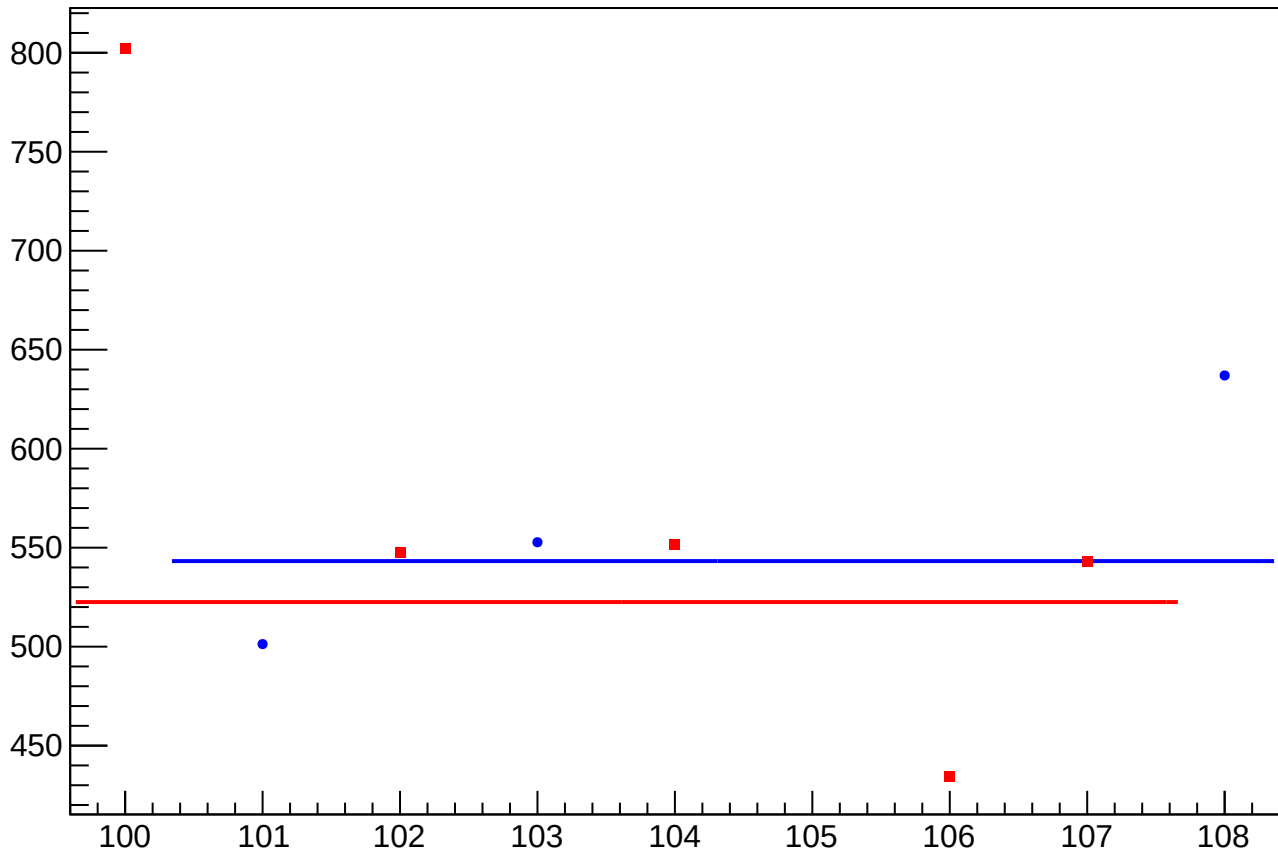
Right: -175.173+/-288.206 χ^2/NDF : 11.4/7

In: 295.265+/-424.969 χ^2/NDF : 4.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -175.173+/-288.206 χ^2/NDF : 11.4/7

asym_sam_15_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 543.219+/-0.300 χ^2/NDF : 26413.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 522.518+/-0.277 χ^2/NDF : 50618.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

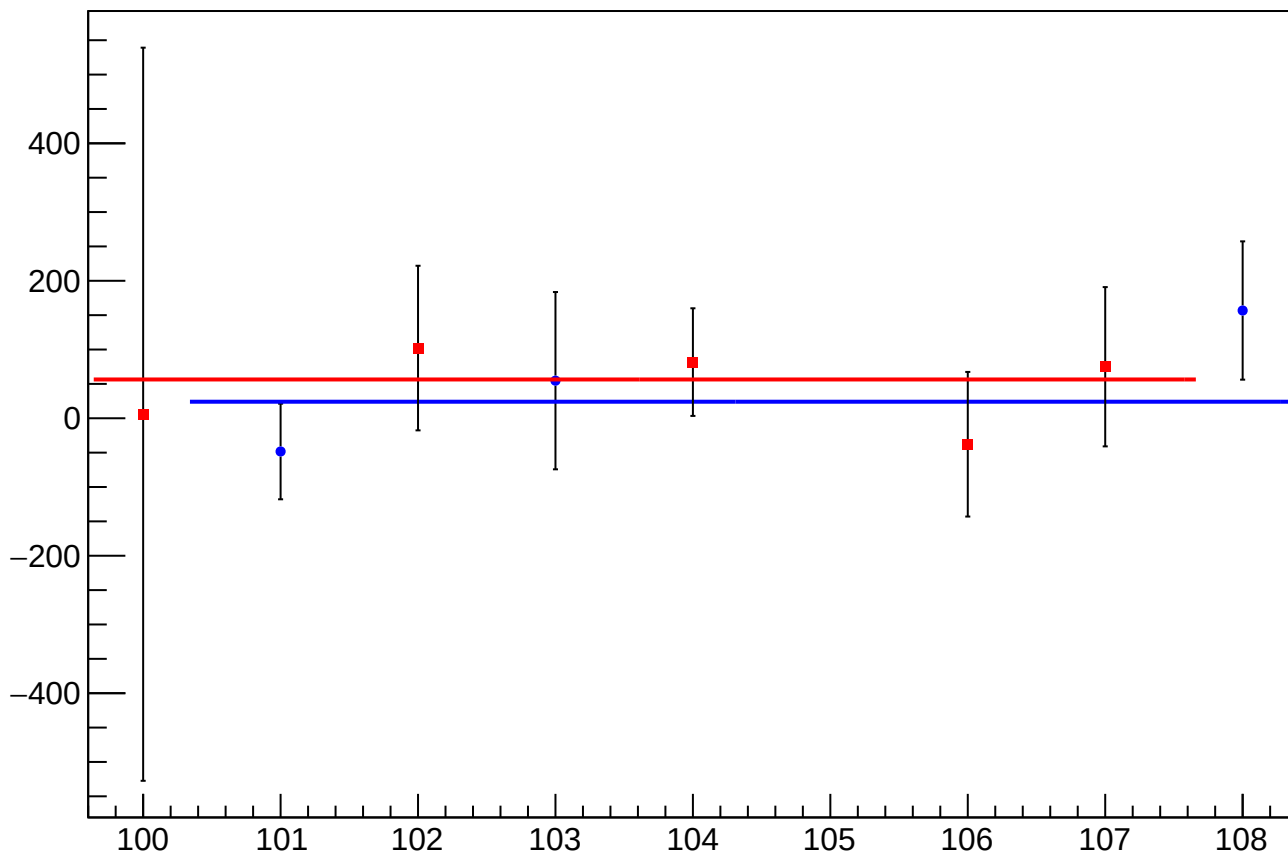
Right: 532.039+/-0.204 χ^2/NDF : 79595.2/7

In: 543.219+/-0.300 χ^2/NDF : 26413.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 532.039+/-0.204 χ^2/NDF : 79595.2/7

cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 24.077+/-52.306 χ^2/NDF : 2.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.439+/-49.923 χ^2/NDF : 1.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

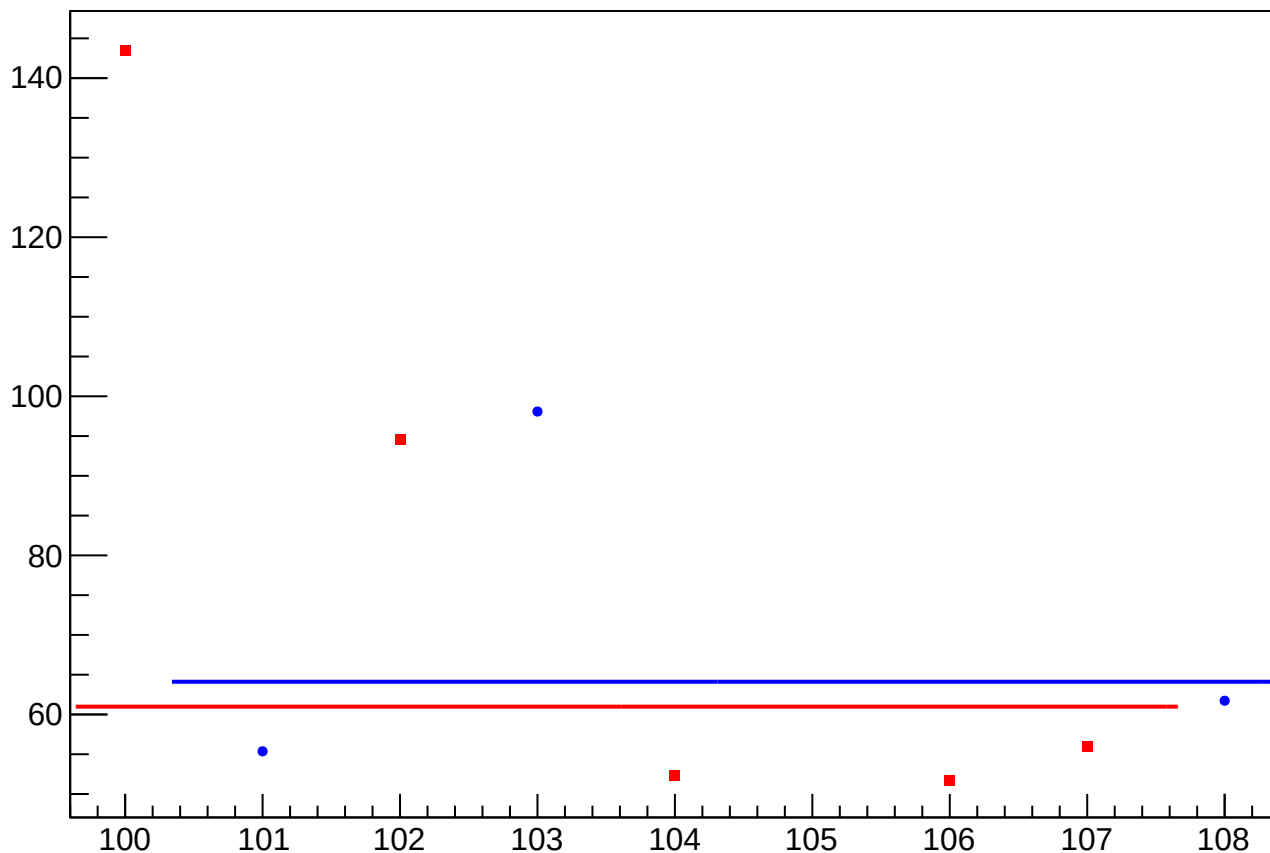
Right: 41.012+/-36.114 χ^2/NDF : 4.2/7

In: 24.077+/-52.306 χ^2/NDF : 2.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.012+/-36.114 χ^2/NDF : 4.2/7

cor_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 64.113+/-0.037 χ^2/NDF : 171499.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.981+/-0.035 χ^2/NDF : 249201.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

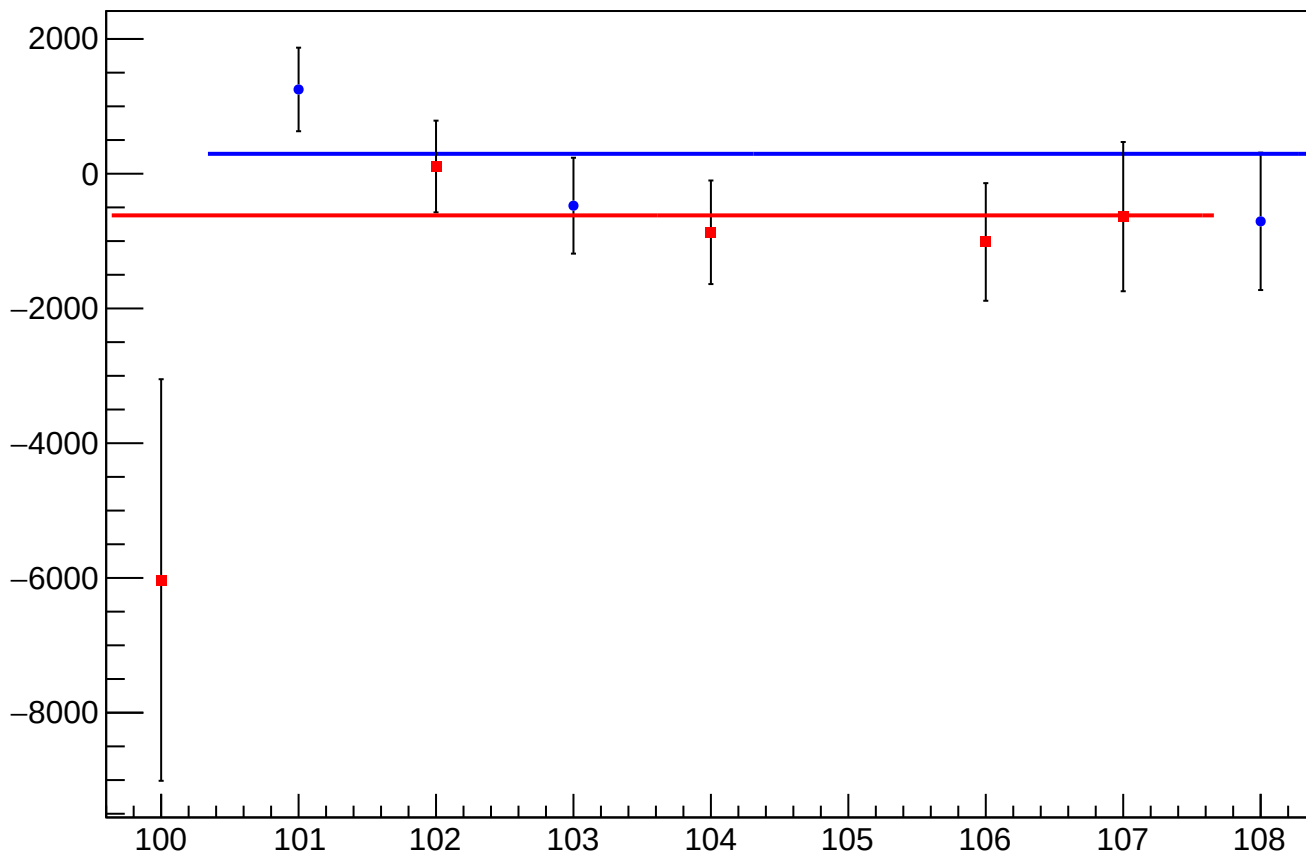
Right: 62.474+/-0.026 χ^2/NDF : 424453.3/7

In: 64.113+/-0.037 χ^2/NDF : 171499.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.474+/-0.026 χ^2/NDF : 424453.3/7

asym_sam_15_37_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 295.283+/-424.984 χ^2/NDF : 4.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -618.468+/-405.145 χ^2/NDF : 4.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

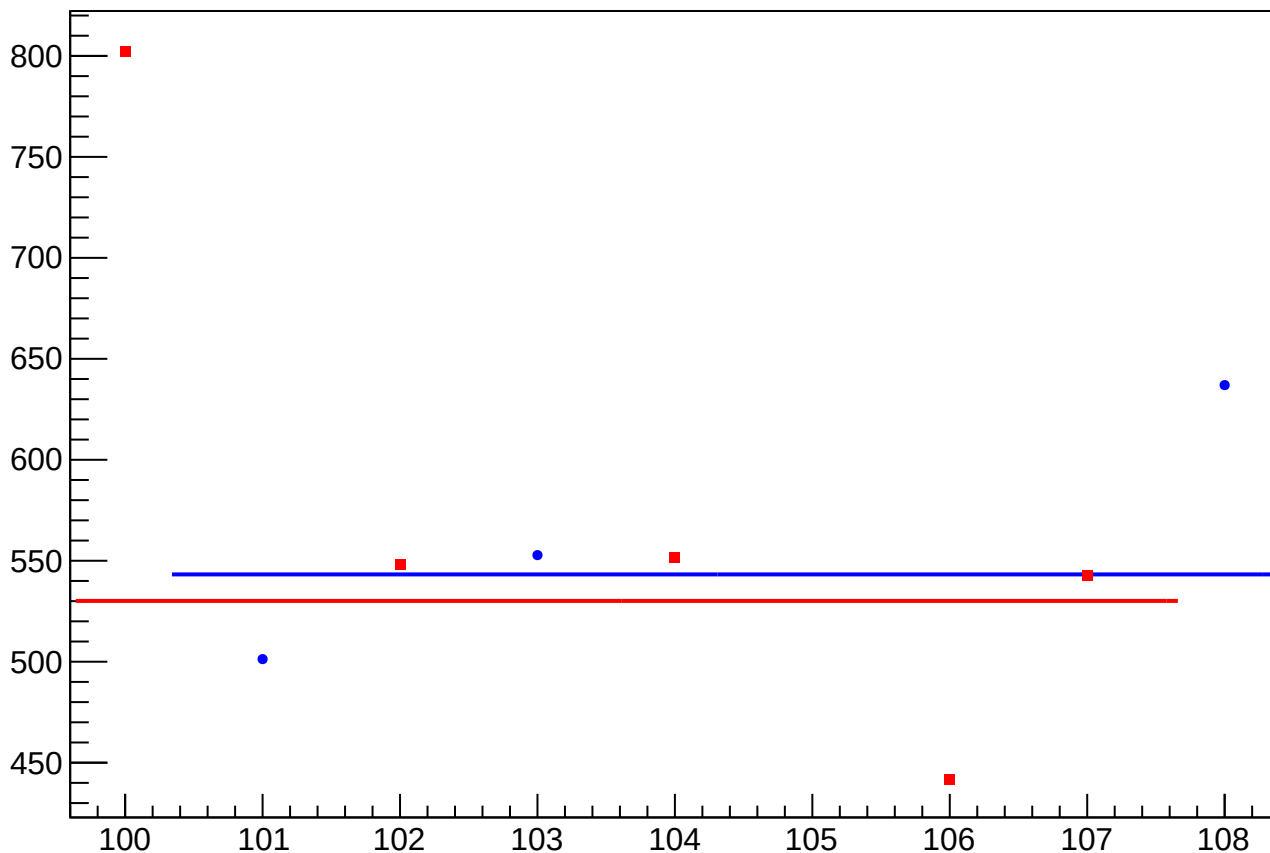
Right: -183.417+/-293.243 χ^2/NDF : 11.7/7

In: 295.283+/-424.984 χ^2/NDF : 4.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -183.417+/-293.243 χ^2/NDF : 11.7/7

asym_sam_15_37_dd_cor_correction_rms vs Slug, Sign Corrected



Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right: 536.363 +/- 0.207 χ^2/NDF : 67820.7/7

In: 543.238 +/- 0.301 χ^2/NDF : 26417.5/2

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 536.363 +/- 0.207 χ^2/NDF : 67820.7/7

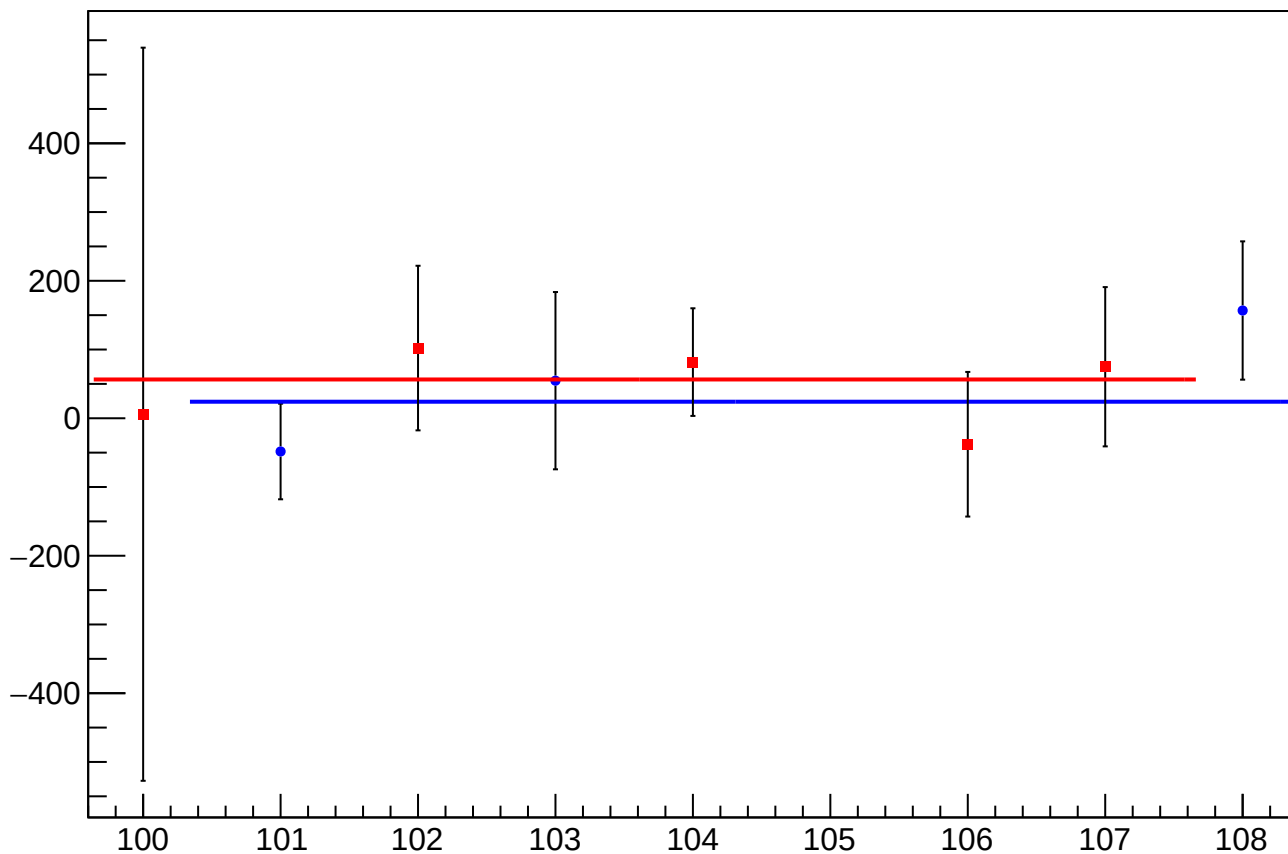
Right In: 543.238 +/- 0.301 χ^2/NDF : 26417.5/2

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 530.116 +/- 0.286 χ^2/NDF : 40404.3/4

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 24.077+/-52.306 χ^2/NDF : 2.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.439+/-49.923 χ^2/NDF : 1.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

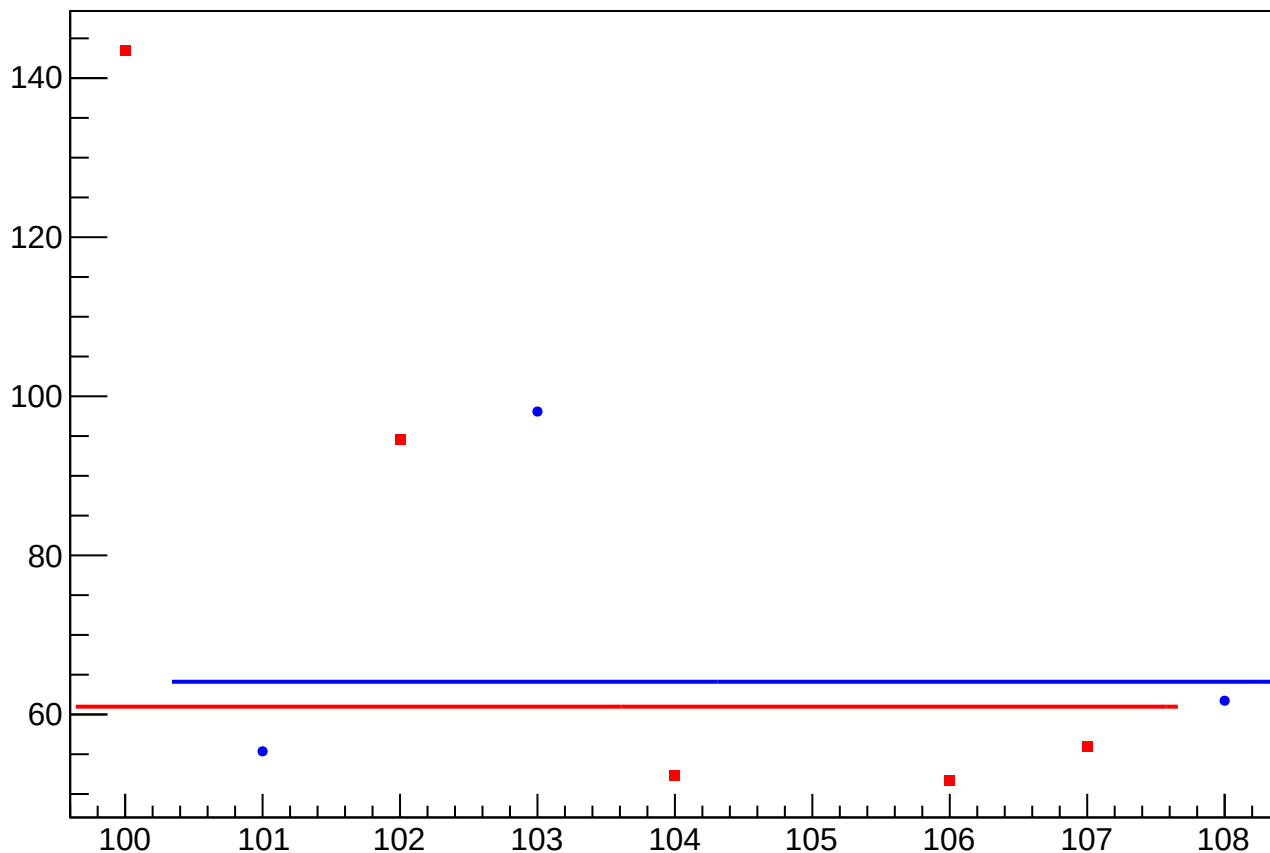
Right: 41.012+/-36.114 χ^2/NDF : 4.2/7

In: 24.077+/-52.306 χ^2/NDF : 2.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.012+/-36.114 χ^2/NDF : 4.2/7

eigen_cor_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 64.113+/-0.037 χ^2/NDF : 171499.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.981+/-0.035 χ^2/NDF : 249201.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

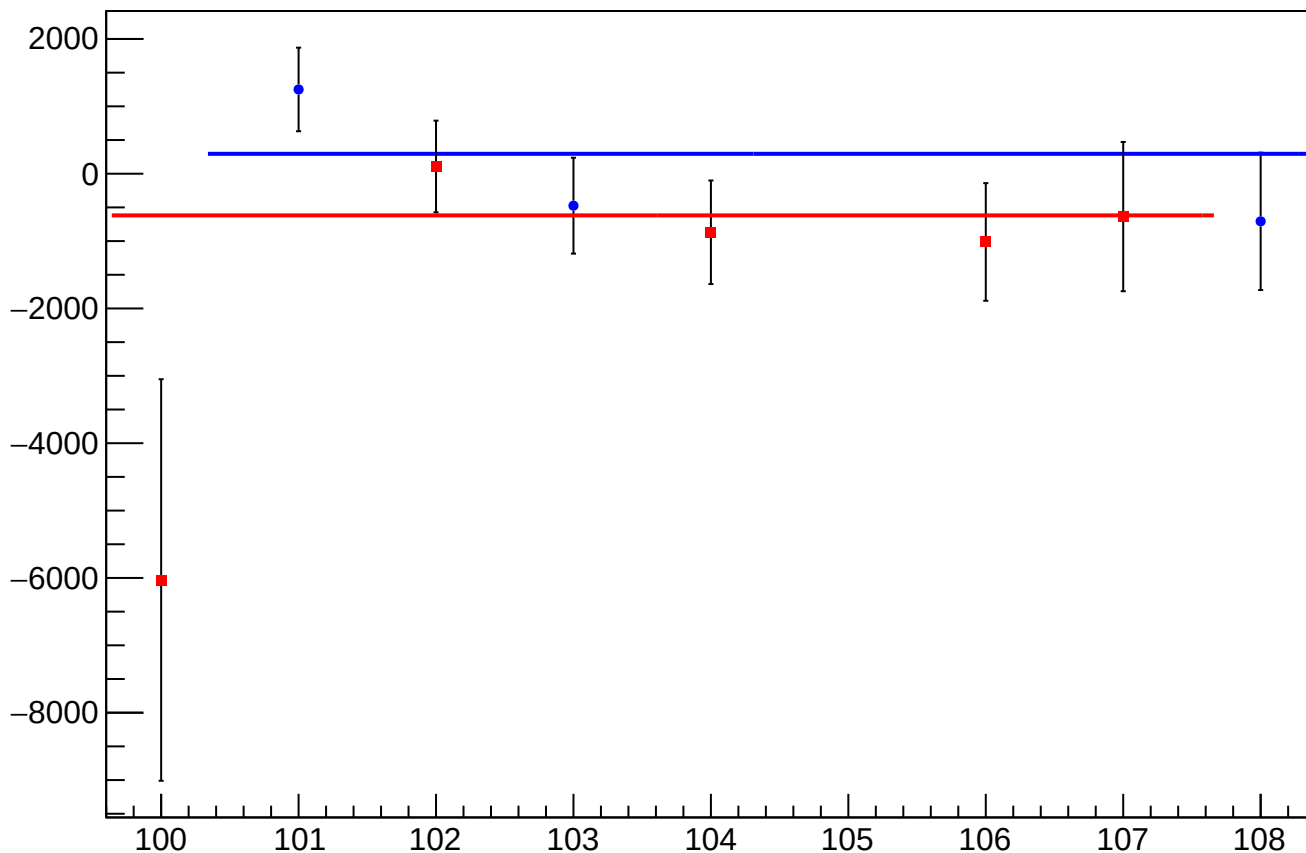
Right: 62.474+/-0.026 χ^2/NDF : 424453.3/7

In: 64.113+/-0.037 χ^2/NDF : 171499.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.474+/-0.026 χ^2/NDF : 424453.3/7

asym_sam_15_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 295.283+/-424.984 χ^2/NDF : 4.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -618.468+/-405.145 χ^2/NDF : 4.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

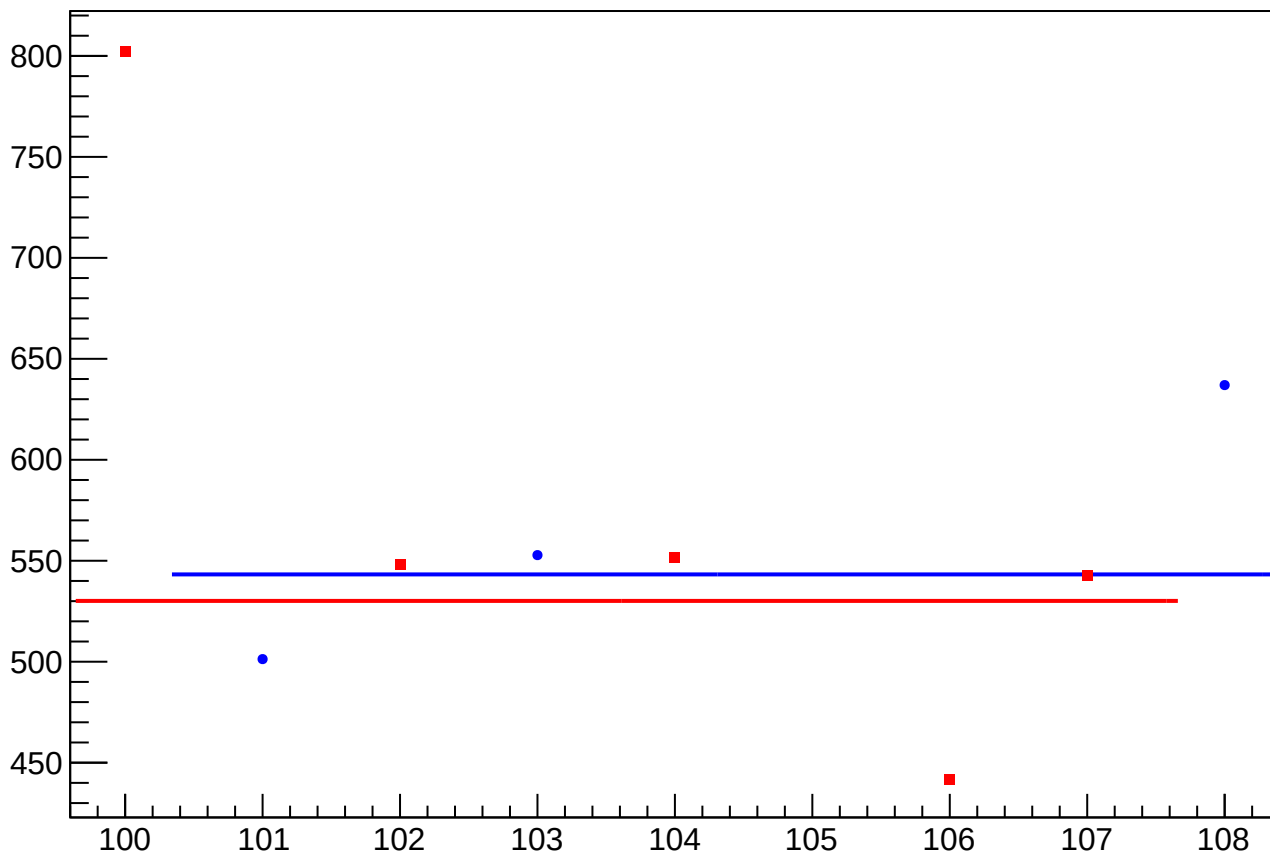
Right: -183.417+/-293.243 χ^2/NDF : 11.7/7

In: 295.283+/-424.984 χ^2/NDF : 4.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -183.417+/-293.243 χ^2/NDF : 11.7/7

asym_sam_15_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 543.238+/-0.301 χ^2/NDF : 26417.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 530.116+/-0.286 χ^2/NDF : 40404.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

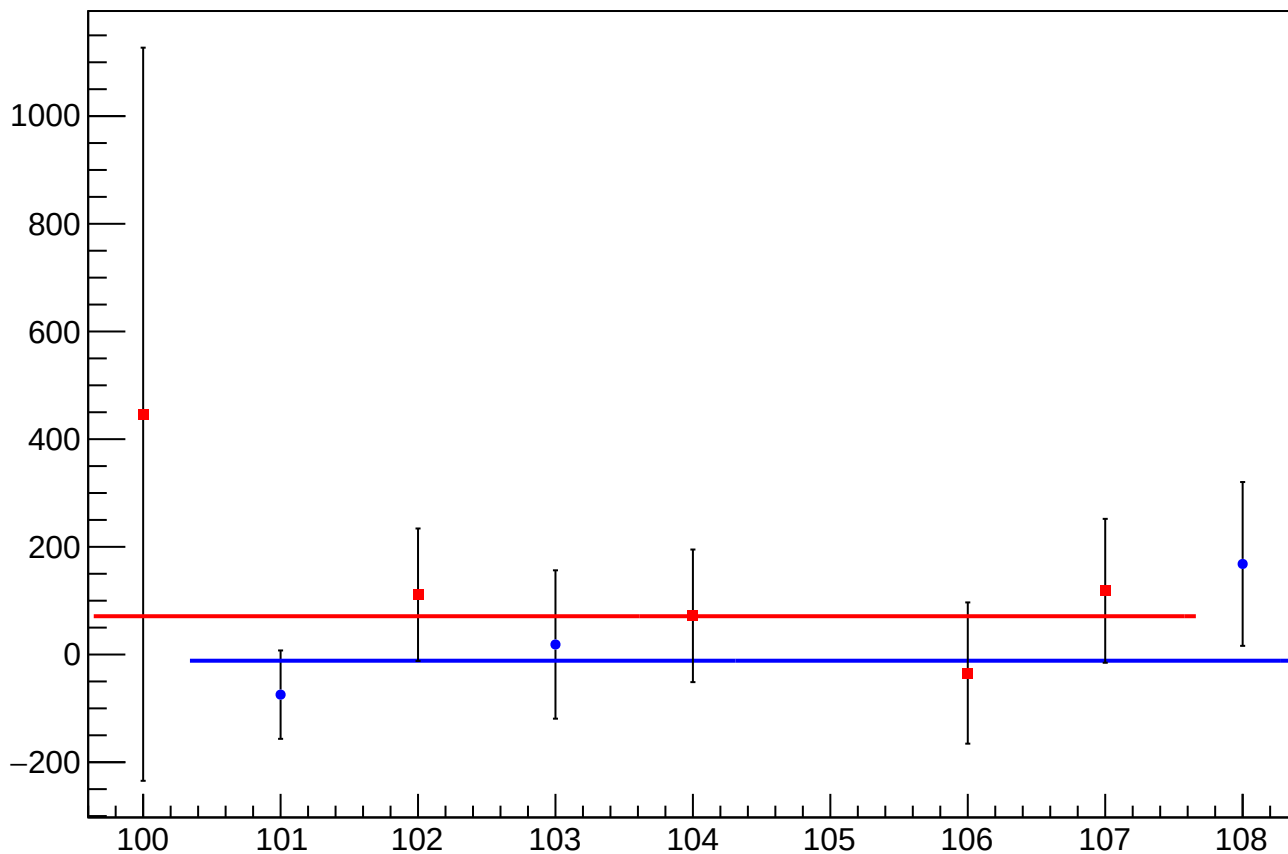
Right: 536.363+/-0.207 χ^2/NDF : 67820.7/7

In: 543.238+/-0.301 χ^2/NDF : 26417.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 536.363+/-0.207 χ^2/NDF : 67820.7/7

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -11.488 ± 63.976 χ^2/NDF : 2.0/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 71.153 ± 63.465 χ^2/NDF : 1.2/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

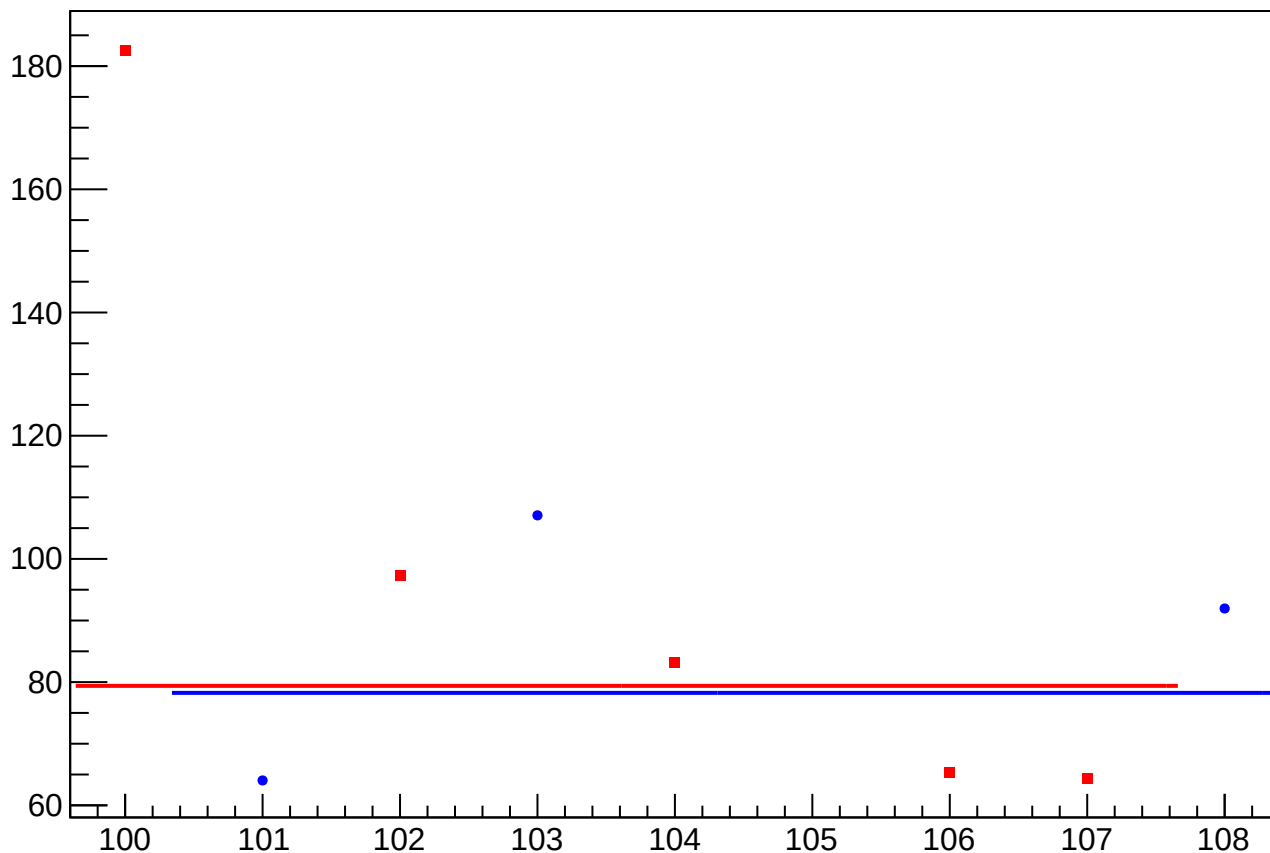
Right: 30.163 ± 45.056 χ^2/NDF : 4.1/7

In: -11.488 ± 63.976 χ^2/NDF : 2.0/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 30.163 ± 45.056 χ^2/NDF : 4.1/7

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 78.255+/-0.045 χ^2/NDF : 163714.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.395+/-0.045 χ^2/NDF : 138995.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

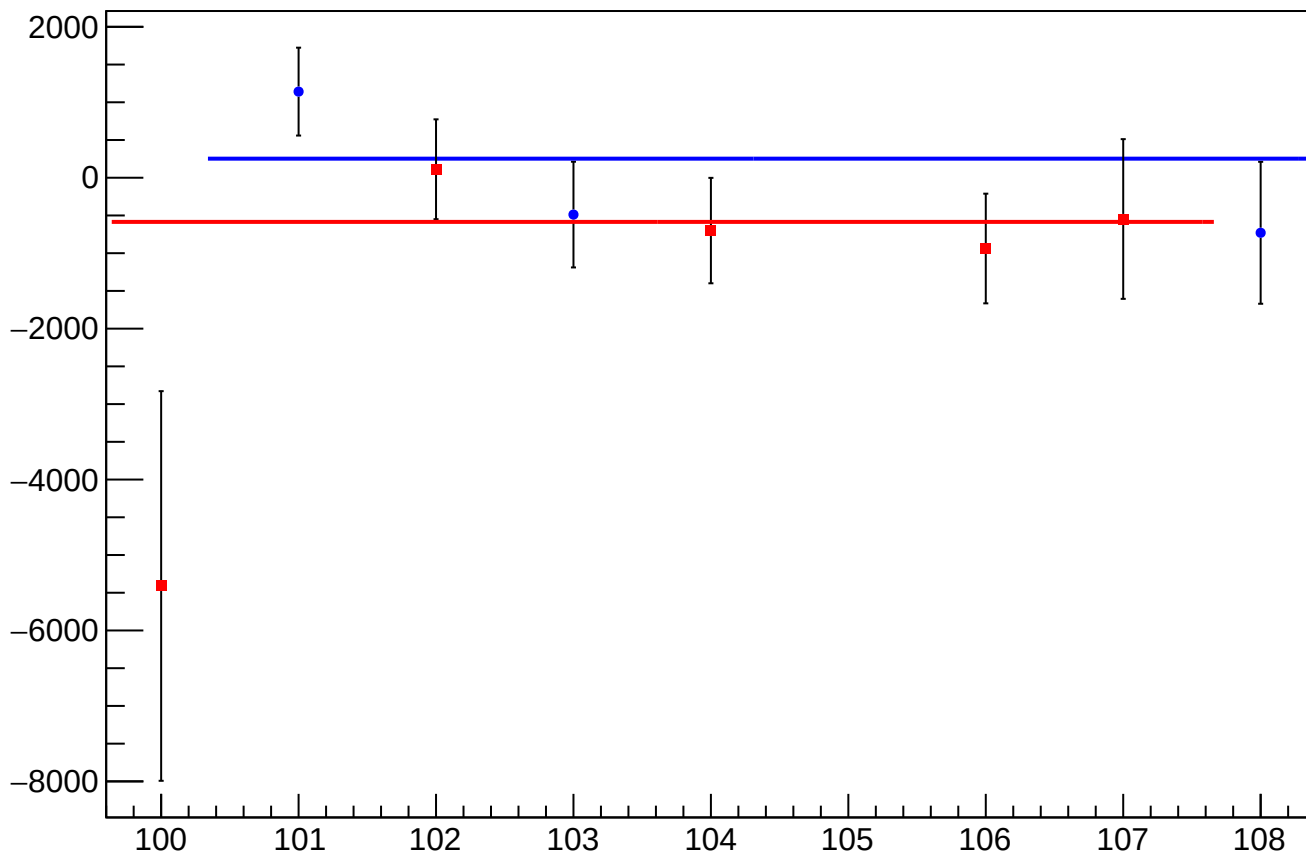
Right: 78.830+/-0.032 χ^2/NDF : 303029.6/7

In: 78.255+/-0.045 χ^2/NDF : 163714.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.830+/-0.032 χ^2/NDF : 303029.6/7

asym_sam_15_37_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 252.818 $\pm$ 404.366 χ^2 /NDF: 4.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -585.219 $\pm$ 370.905 χ^2 /NDF: 4.9/4

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

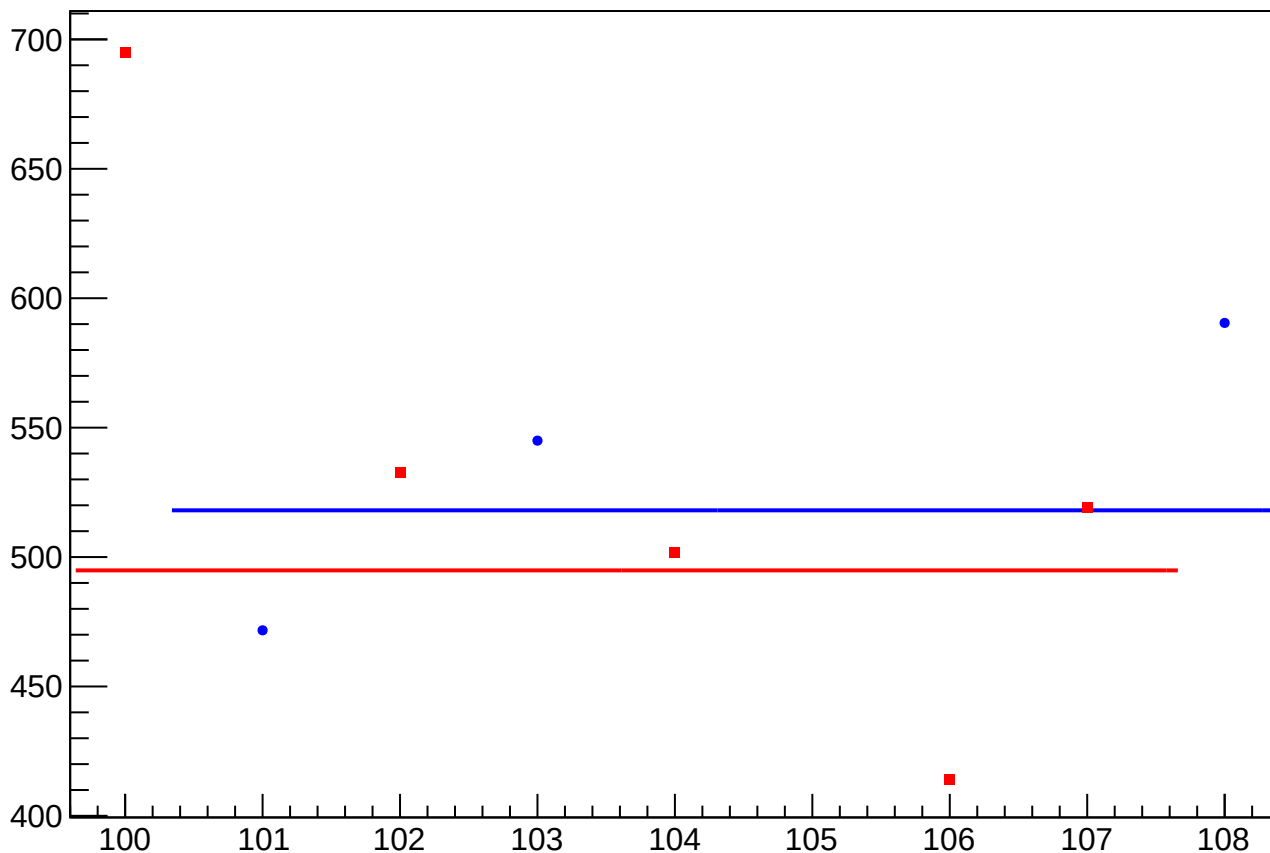
Right: -202.303 $\pm$ 273.335 χ^2 /NDF: 11.7/7

In: 252.818 $\pm$ 404.366 χ^2 /NDF:4.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -202.303 $\pm$ 273.335 χ^2 /NDF: 11.7/7

asym_sam_15_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 518.057+/-0.286 χ^2/NDF : 27477.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 494.847+/-0.262 χ^2/NDF : 44553.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

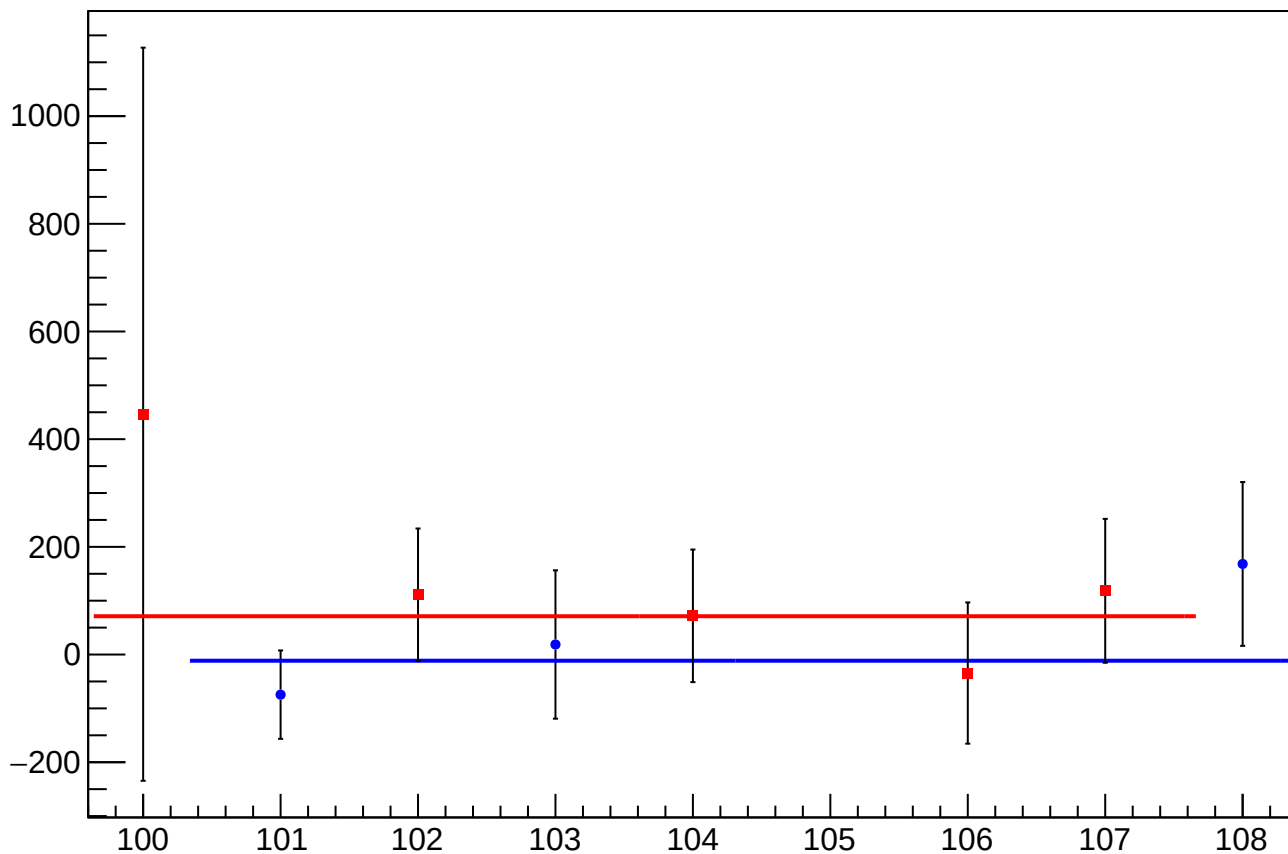
Right: 505.452+/-0.193 χ^2/NDF : 75609.4/7

In: 518.057+/-0.286 χ^2/NDF : 27477.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 505.452+/-0.193 χ^2/NDF : 75609.4/7

eigen_dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -11.491 ± 63.976 χ^2/NDF : 2.0/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 71.155 ± 63.466 χ^2/NDF : 1.2/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

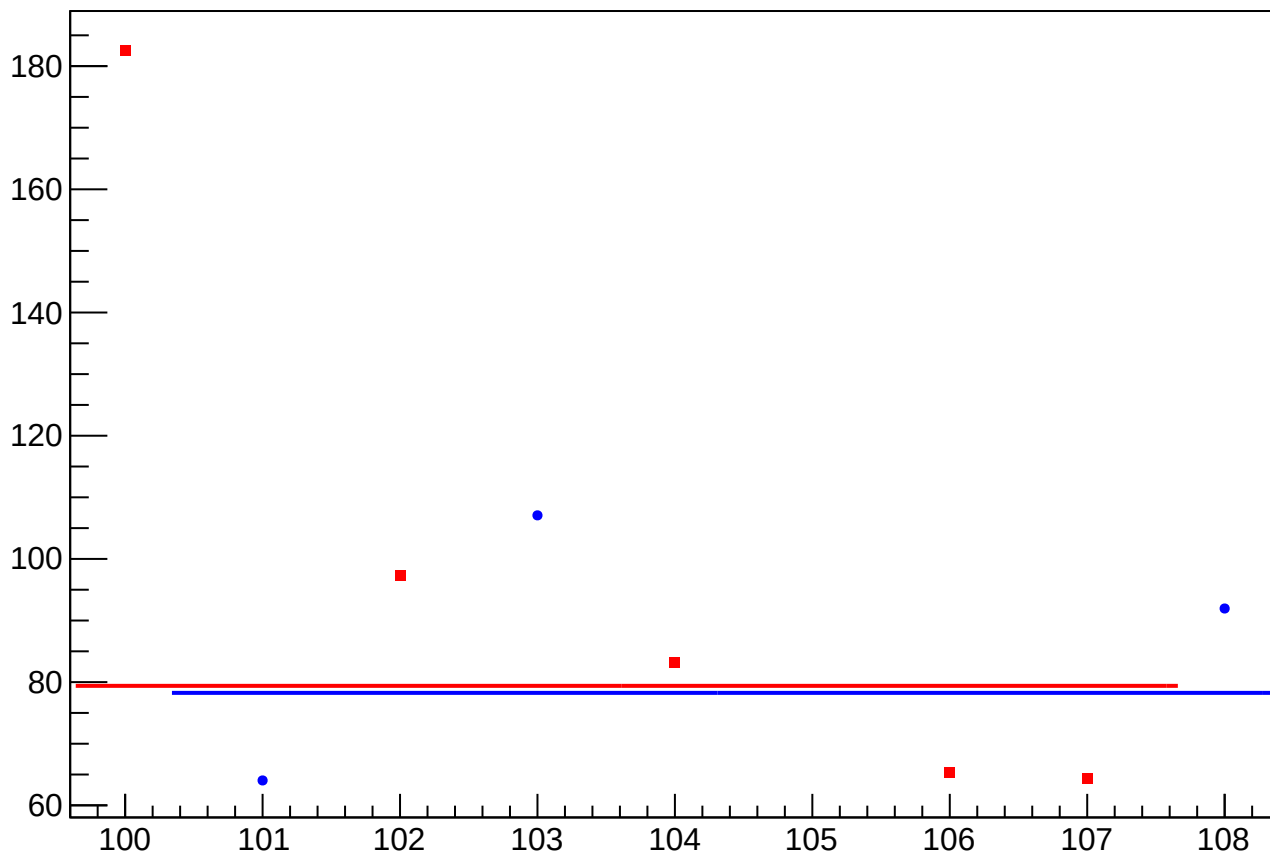
Right: 30.163 ± 45.056 χ^2/NDF : 4.1/7

In: -11.491 ± 63.976 χ^2/NDF : 2.0/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 30.163 ± 45.056 χ^2/NDF : 4.1/7

eigen_dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 78.256+/-0.045 χ^2/NDF : 163708.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.395+/-0.045 χ^2/NDF : 138994.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

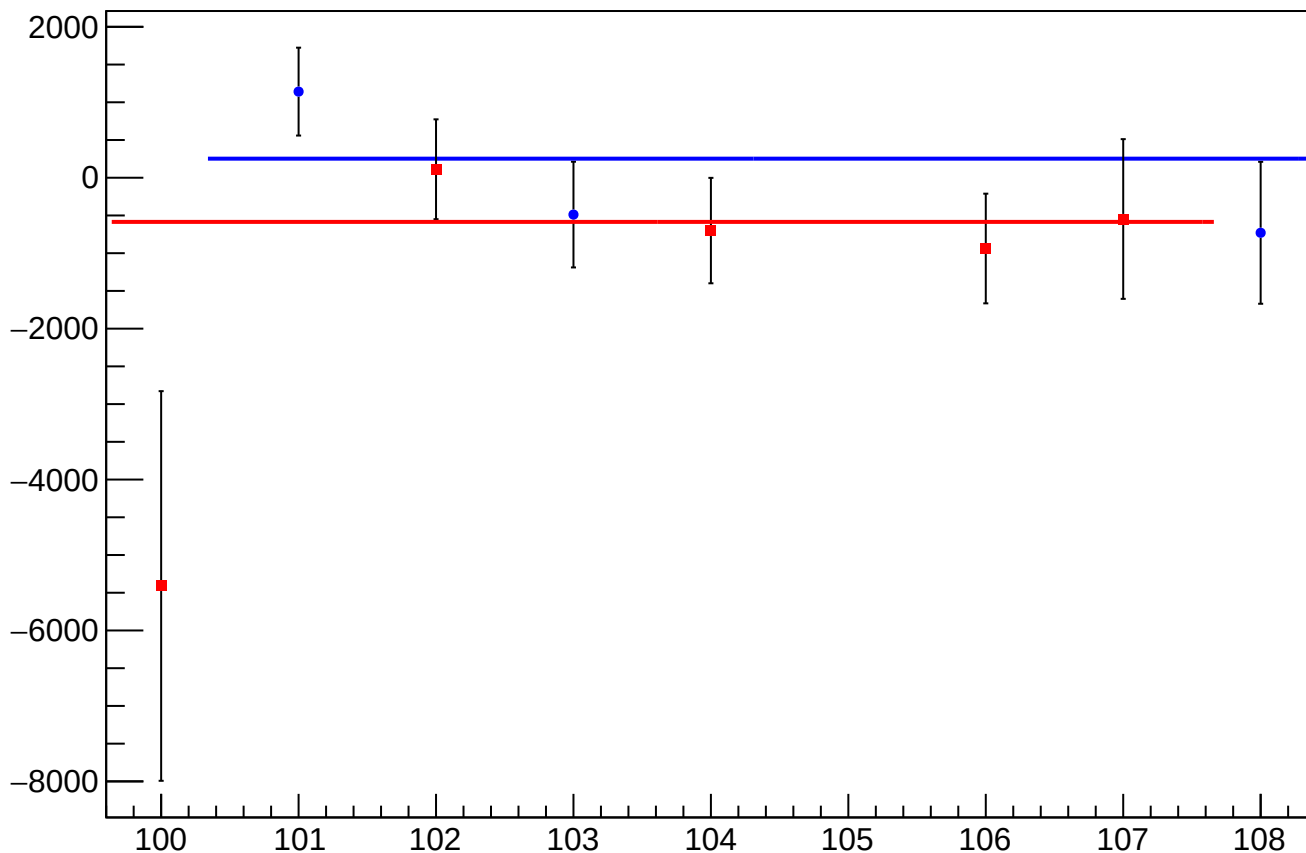
Right: 78.830+/-0.032 χ^2/NDF : 303023.3/7

In: 78.256+/-0.045 χ^2/NDF : 163708.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.830+/-0.032 χ^2/NDF : 303023.3/7

asym_sam_15_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 252.818 $\pm$ 404.365 χ^2 /NDF: 4.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -585.217 $\pm$ 370.904 χ^2 /NDF: 4.9/4

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

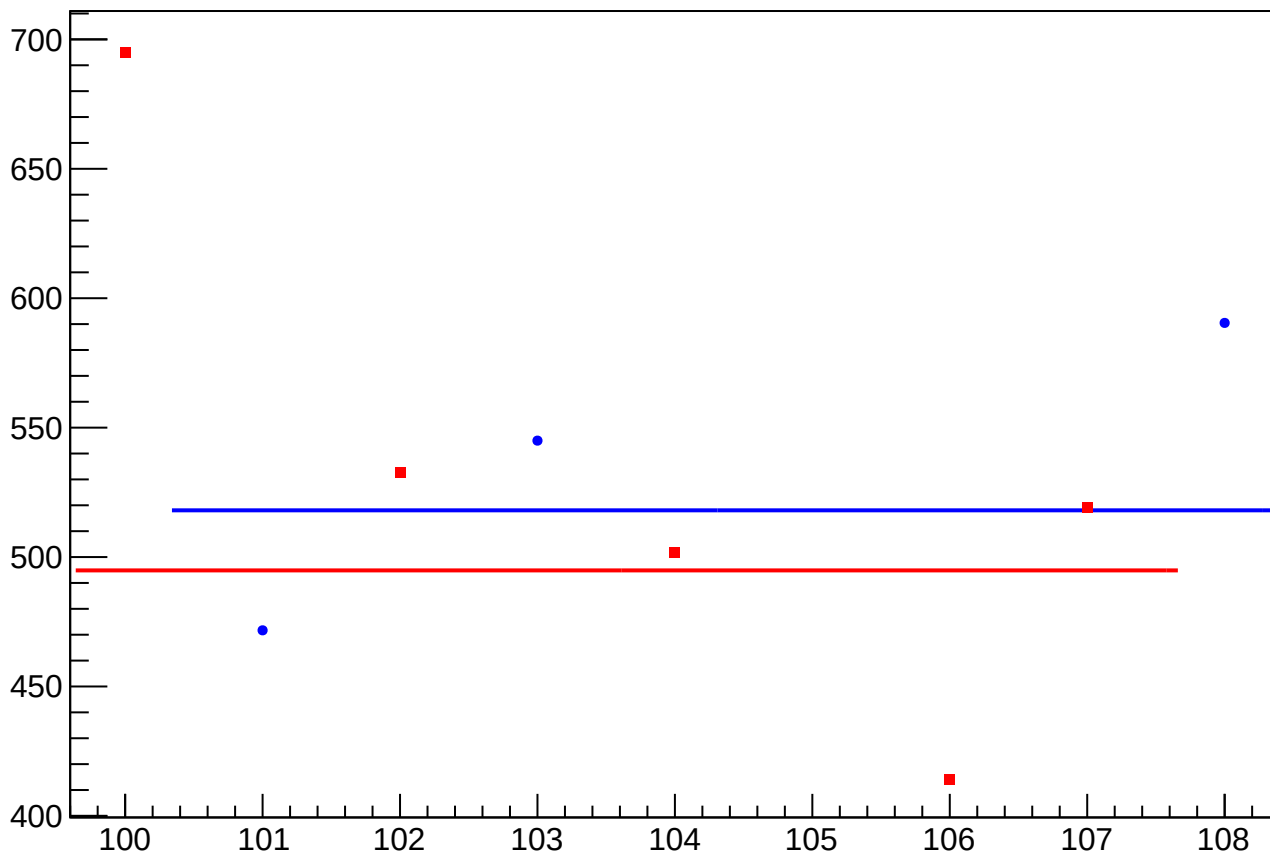
Right: -202.302 $\pm$ 273.334 χ^2 /NDF: 11.7/7

In: 252.818 $\pm$ 404.365 χ^2 /NDF:4.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -202.302 $\pm$ 273.334 χ^2 /NDF: 11.7/7

asym_sam_15_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 518.055+/-0.286 χ^2/NDF : 27478.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 494.845+/-0.262 χ^2/NDF : 44553.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

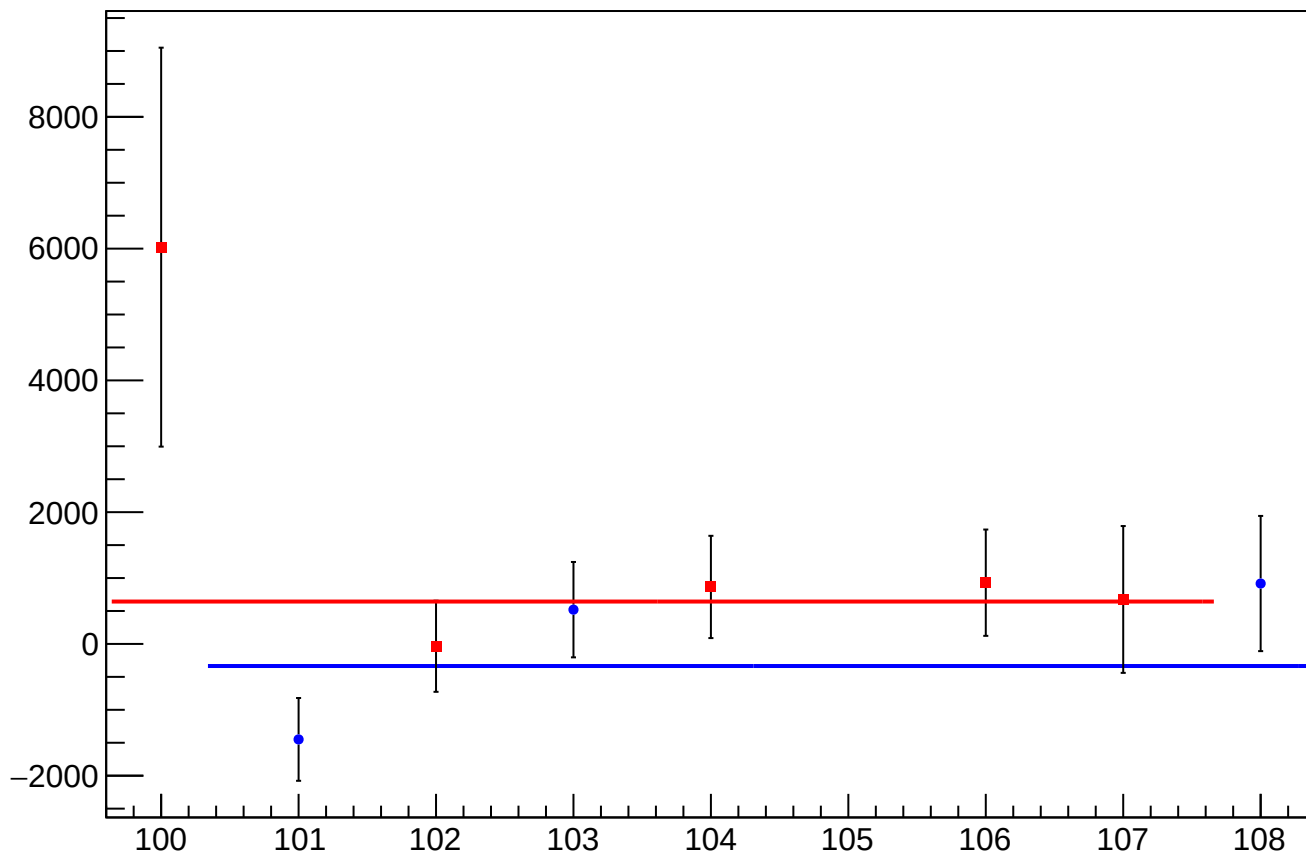
Right: 505.450+/-0.193 χ^2/NDF : 75609.4/7

In: 518.055+/-0.286 χ^2/NDF : 27478.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 505.450+/-0.193 χ^2/NDF : 75609.4/7

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -335.223+/-430.700 χ^2/NDF : 6.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 643.331+/-401.542 χ^2/NDF : 4.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

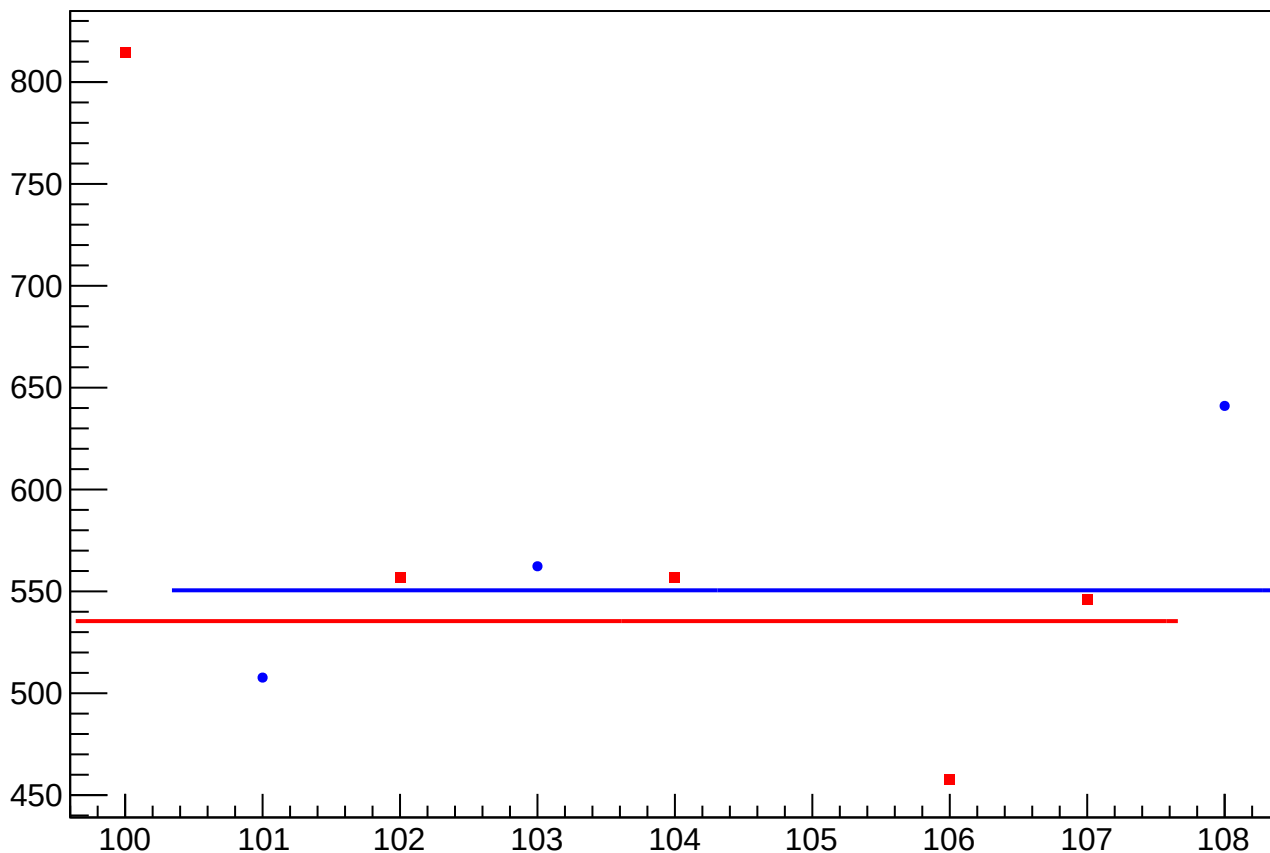
Right: 188.296+/-293.701 χ^2/NDF : 13.1/7

In: -335.223+/-430.700 χ^2/NDF : 6.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 188.296+/-293.701 χ^2/NDF : 13.1/7

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 550.527+/-0.305 χ^2/NDF : 25394.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 535.411+/-0.284 χ^2/NDF : 39252.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

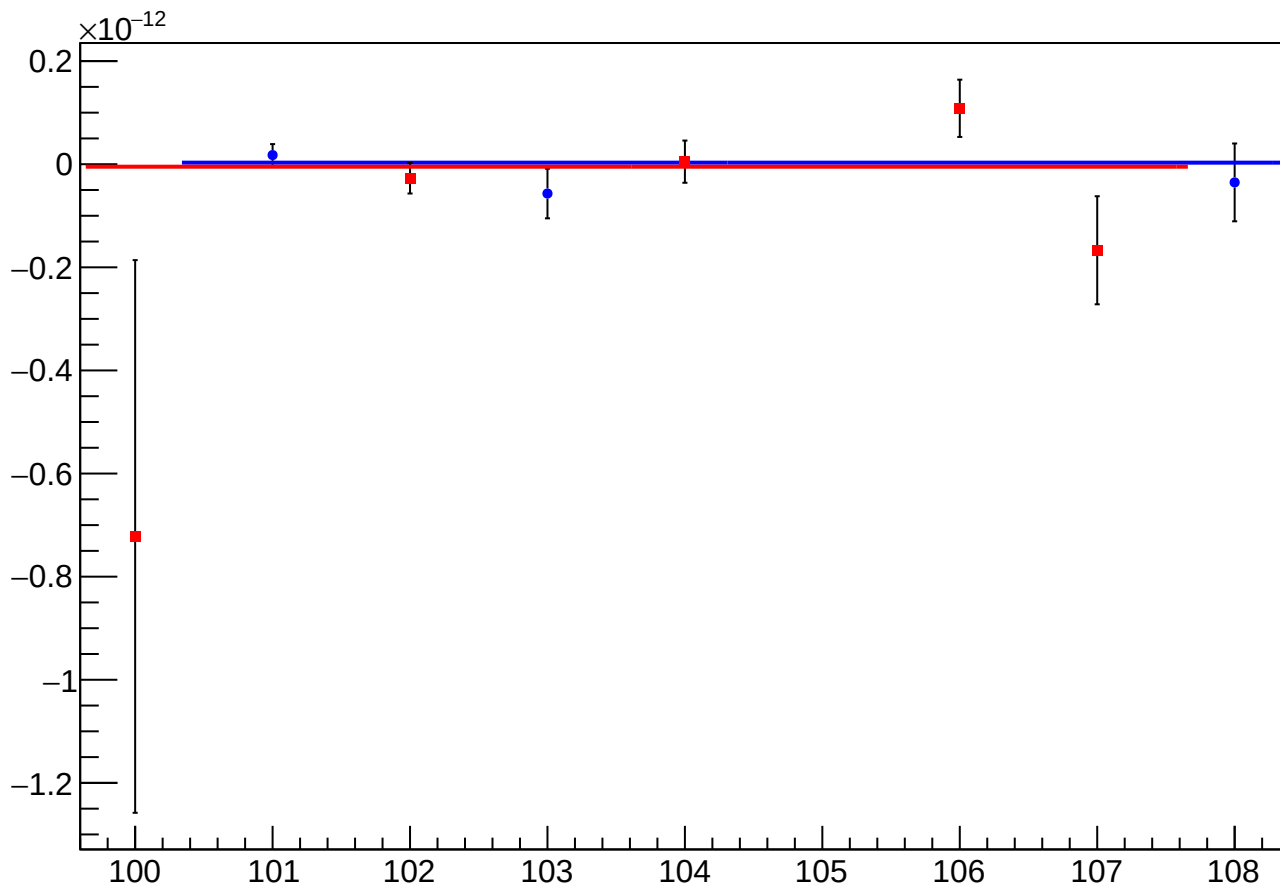
Right: 542.440+/-0.208 χ^2/NDF : 65964.8/7

In: 550.527+/-0.305 χ^2/NDF : 25394.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 542.440+/-0.208 χ^2/NDF : 65964.8/7

asym_sam_15_37_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

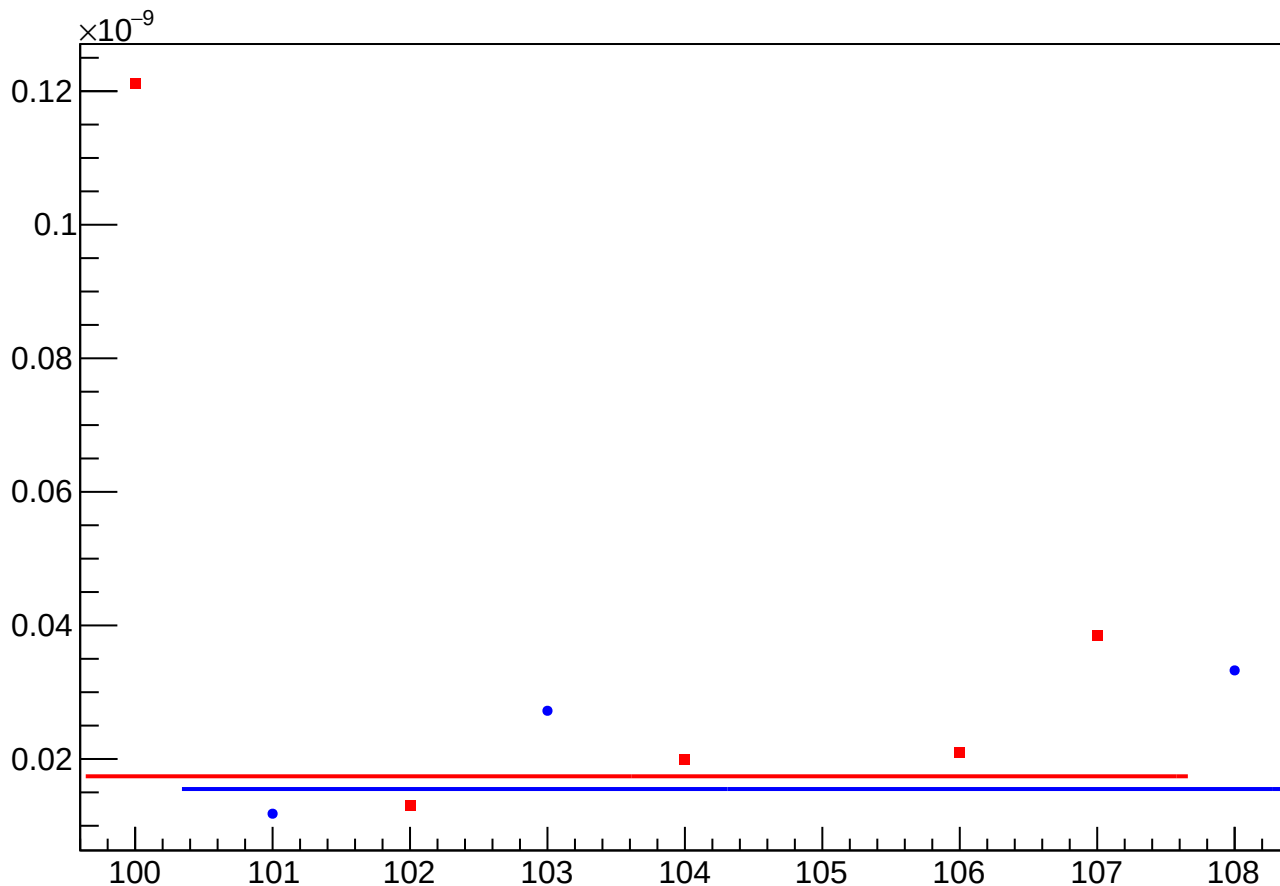
Right: -0.000+/-0.000 χ^2/NDF : 11.3/7

In: 0.000+/-0.000 χ^2/NDF : 2.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.3/7

asym_sam_15_37_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 289759.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 213056.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

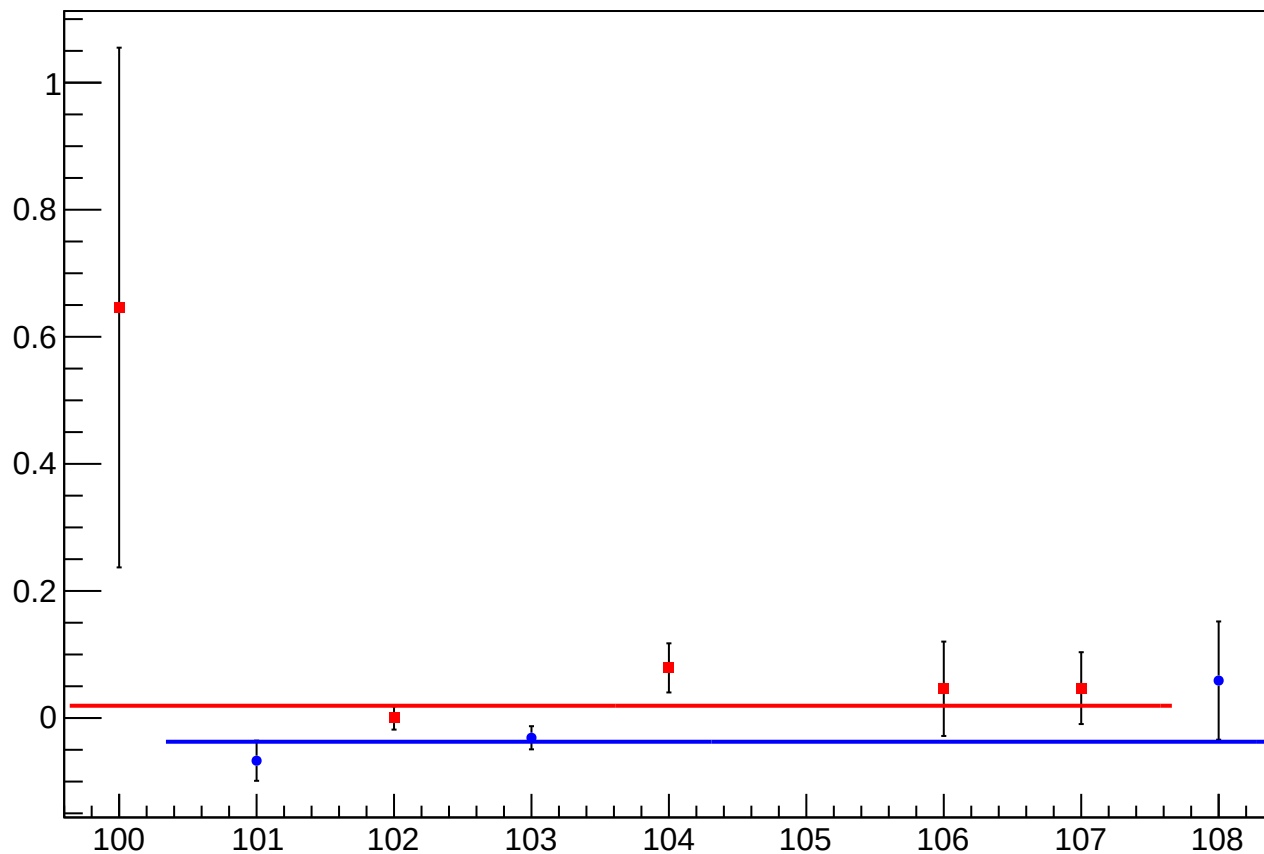
Right: 0.000+/-0.000 χ^2/NDF : 511681.0/7

In: 0.000+/-0.000 χ^2/NDF : 289759.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 511681.0/7

asym_sam_15_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.037 $\pm$ 0.016 χ^2 /NDF: 2.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.019 $\pm$ 0.016 χ^2 /NDF: 6.2/4

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

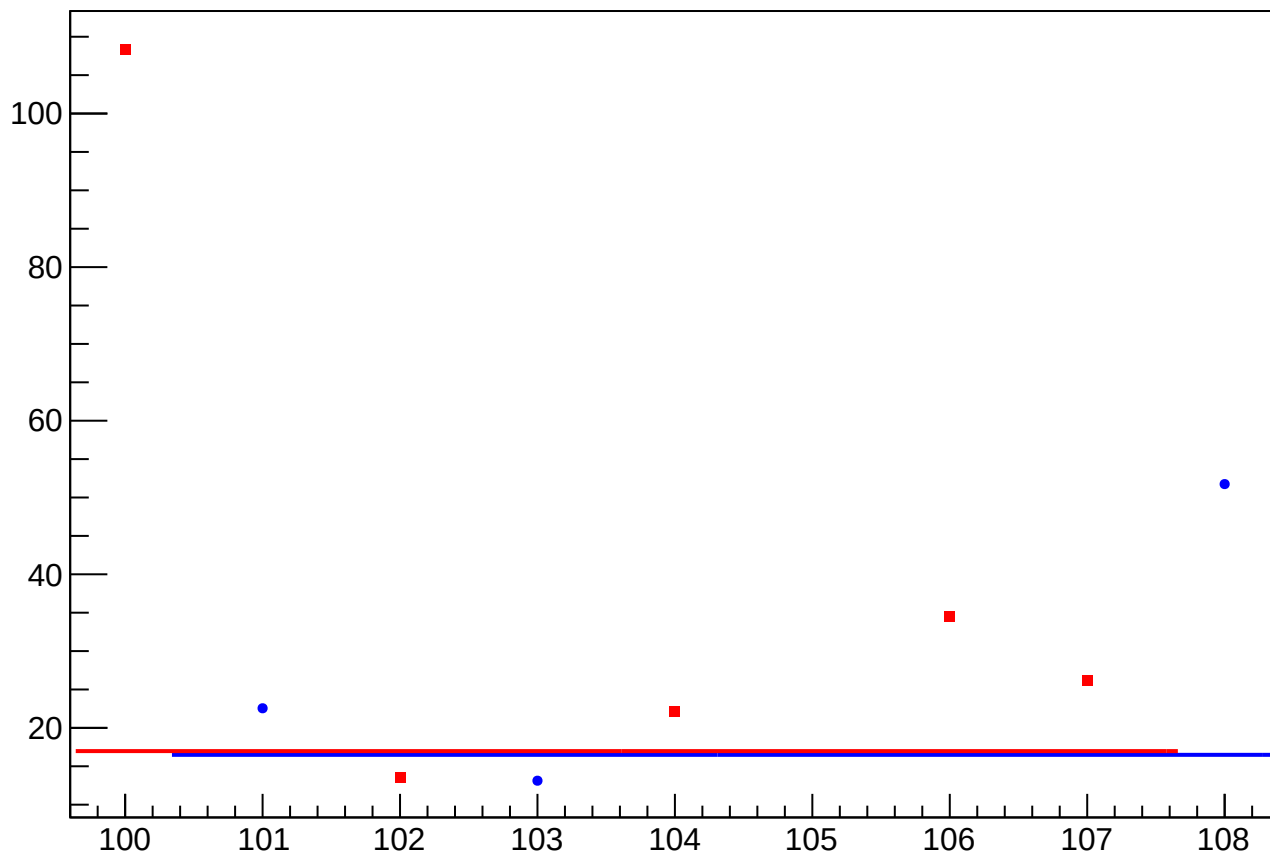
Right: -0.009 $\pm$ 0.011 χ^2 /NDF: 14.9/7

In: -0.037 $\pm$ 0.016 χ^2 /NDF:2.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.011 χ^2 /NDF: 14.9/7

asym_sam_15_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 16.490+/-0.011 χ^2/NDF : 429170.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.977+/-0.011 χ^2/NDF : 367109.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

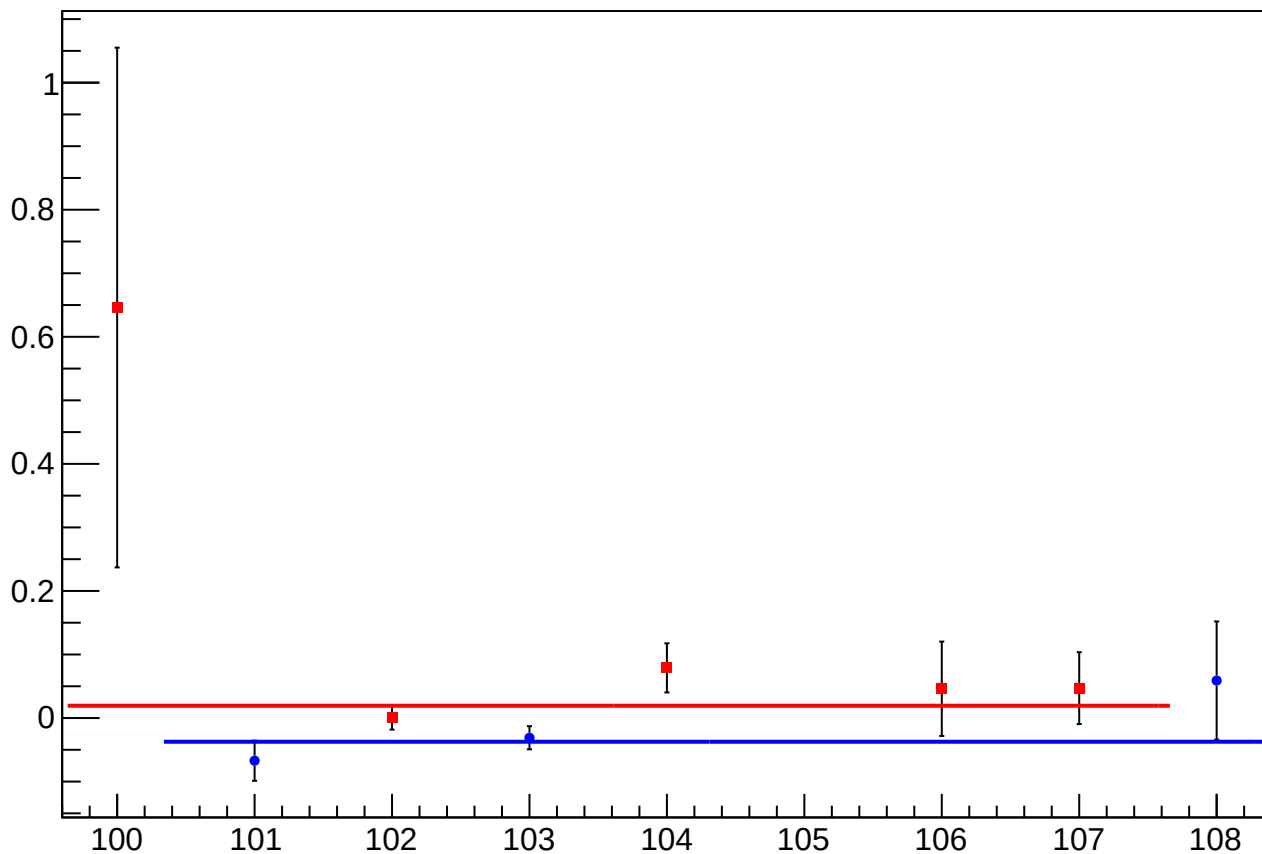
Right: 16.734+/-0.008 χ^2/NDF : 797259.2/7

In: 16.490+/-0.011 χ^2/NDF : 429170.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.734+/-0.008 χ^2/NDF : 797259.2/7

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.037 $\pm$ 0.016 χ^2 /NDF: 2.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.019 $\pm$ 0.016 χ^2 /NDF: 6.2/4

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

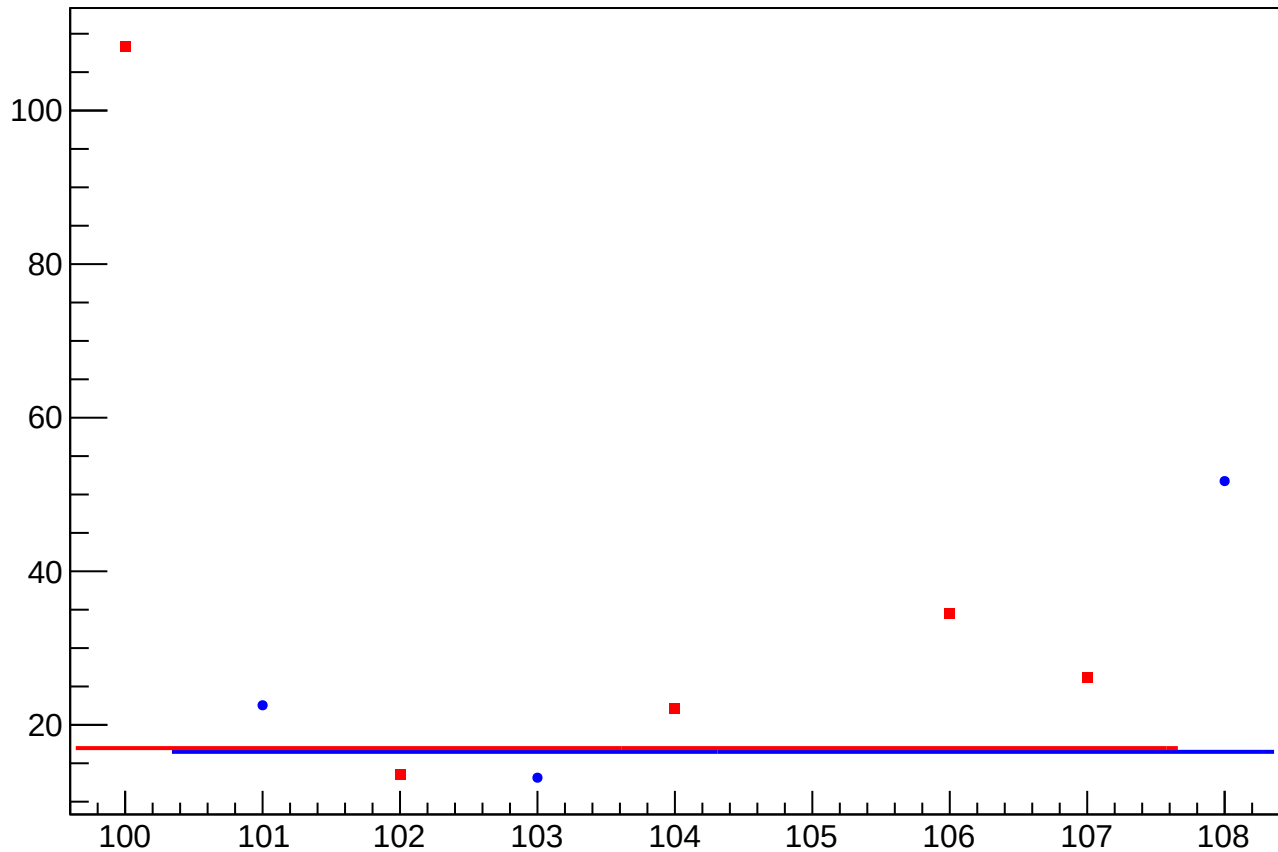
Right: -0.009 $\pm$ 0.011 χ^2 /NDF: 14.9/7

In: -0.037 $\pm$ 0.016 χ^2 /NDF:2.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.011 χ^2 /NDF: 14.9/7

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 16.490+/-0.011 χ^2/NDF : 429170.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.977+/-0.011 χ^2/NDF : 367109.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

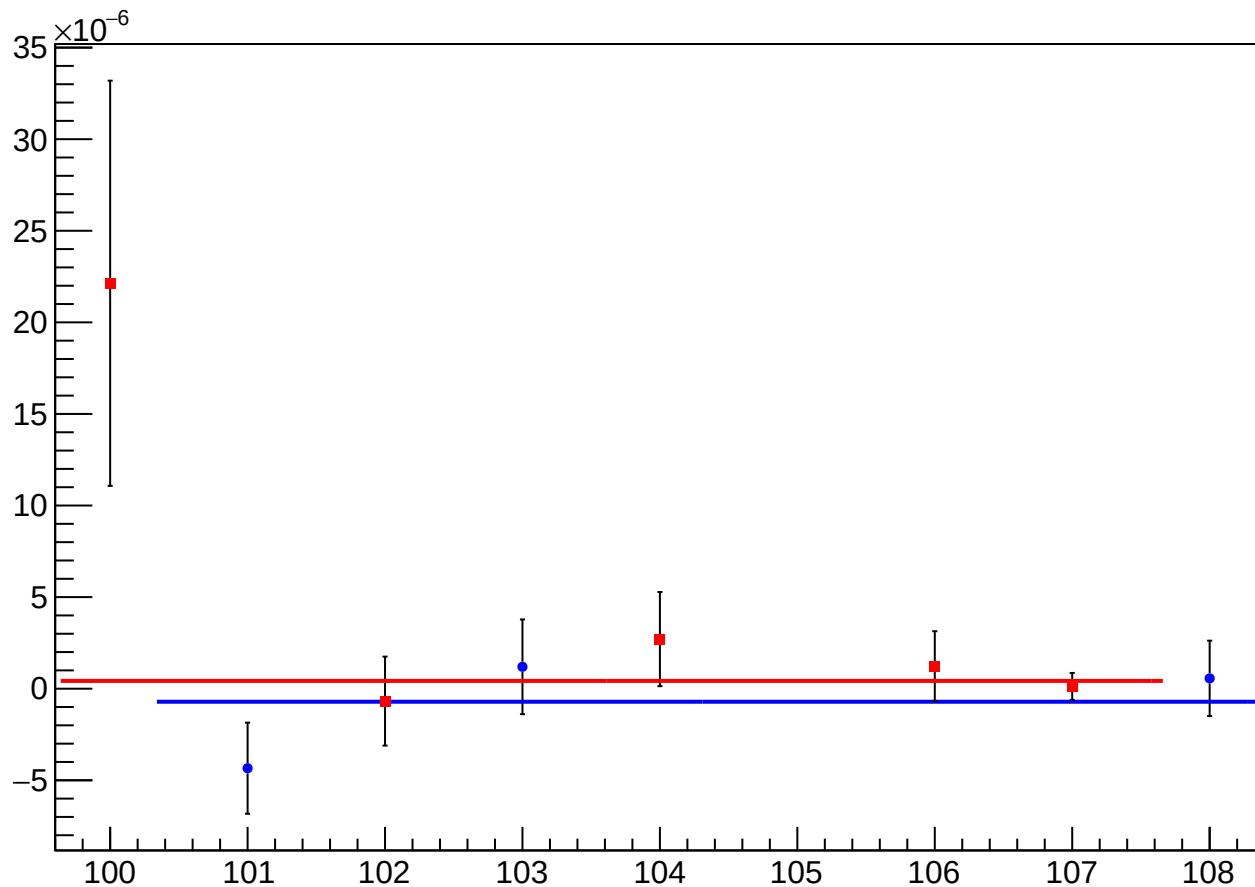
Right: 16.734+/-0.008 χ^2/NDF : 797259.2/7

In: 16.490+/-0.011 χ^2/NDF : 429170.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.734+/-0.008 χ^2/NDF : 797259.2/7

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

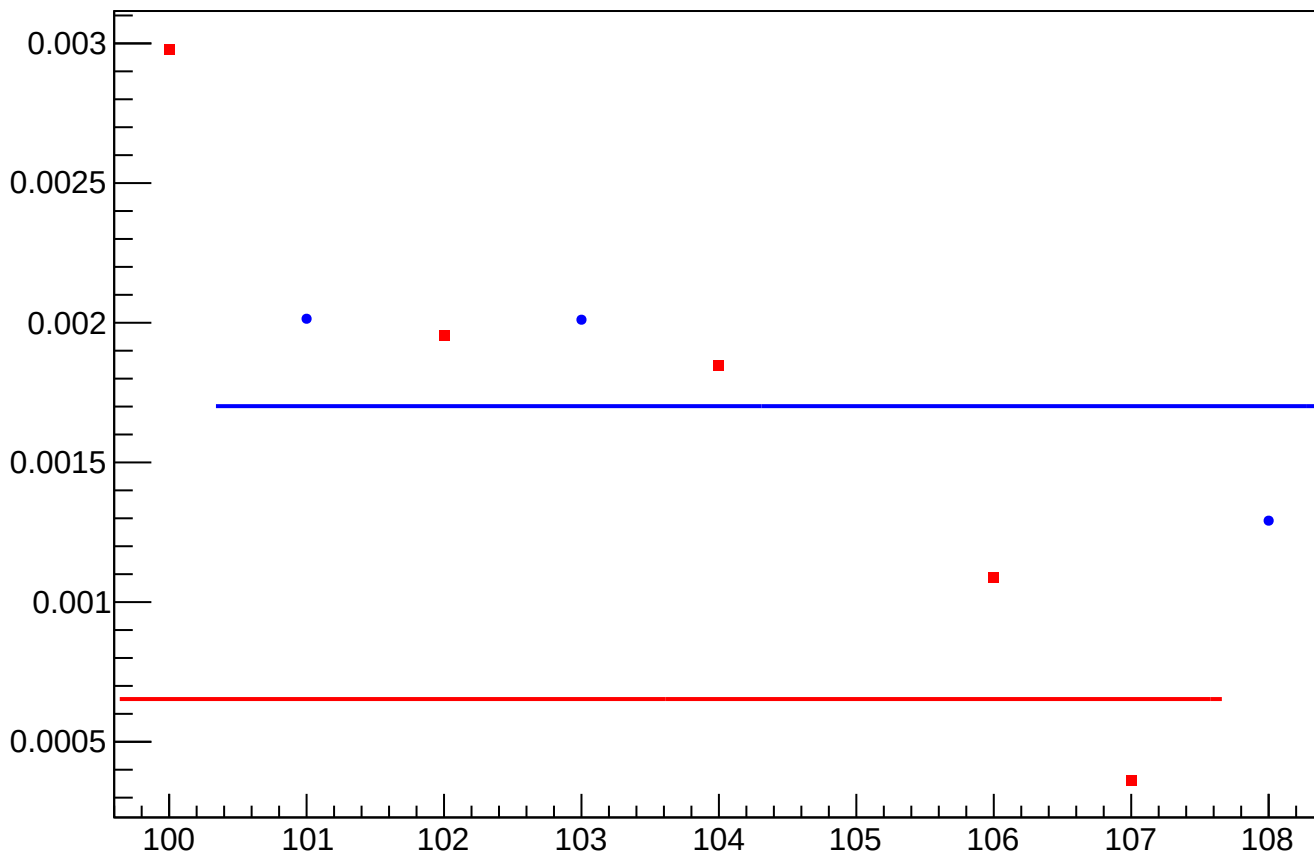
Right: 0.000+/-0.000 χ^2/NDF : 8.8/7

In: -0.000+/-0.000 χ^2/NDF : 3.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.8/7

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 139673.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1514677.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

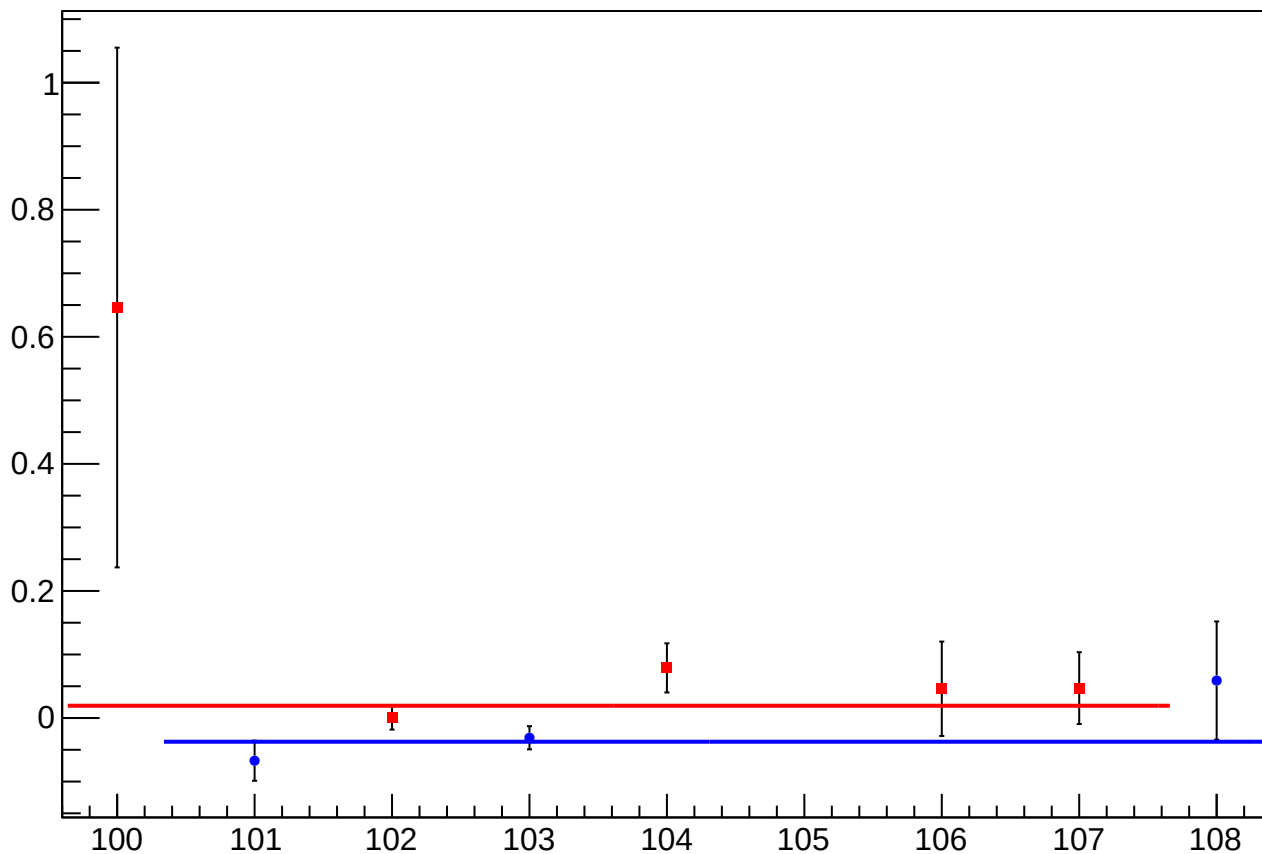
Right: 0.001+/-0.000 χ^2/NDF : 2638256.8/7

In: 0.002+/-0.000 χ^2/NDF : 139673.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2638256.8/7

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.037+/-0.016 χ^2/NDF : 2.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.019+/-0.016 χ^2/NDF : 6.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

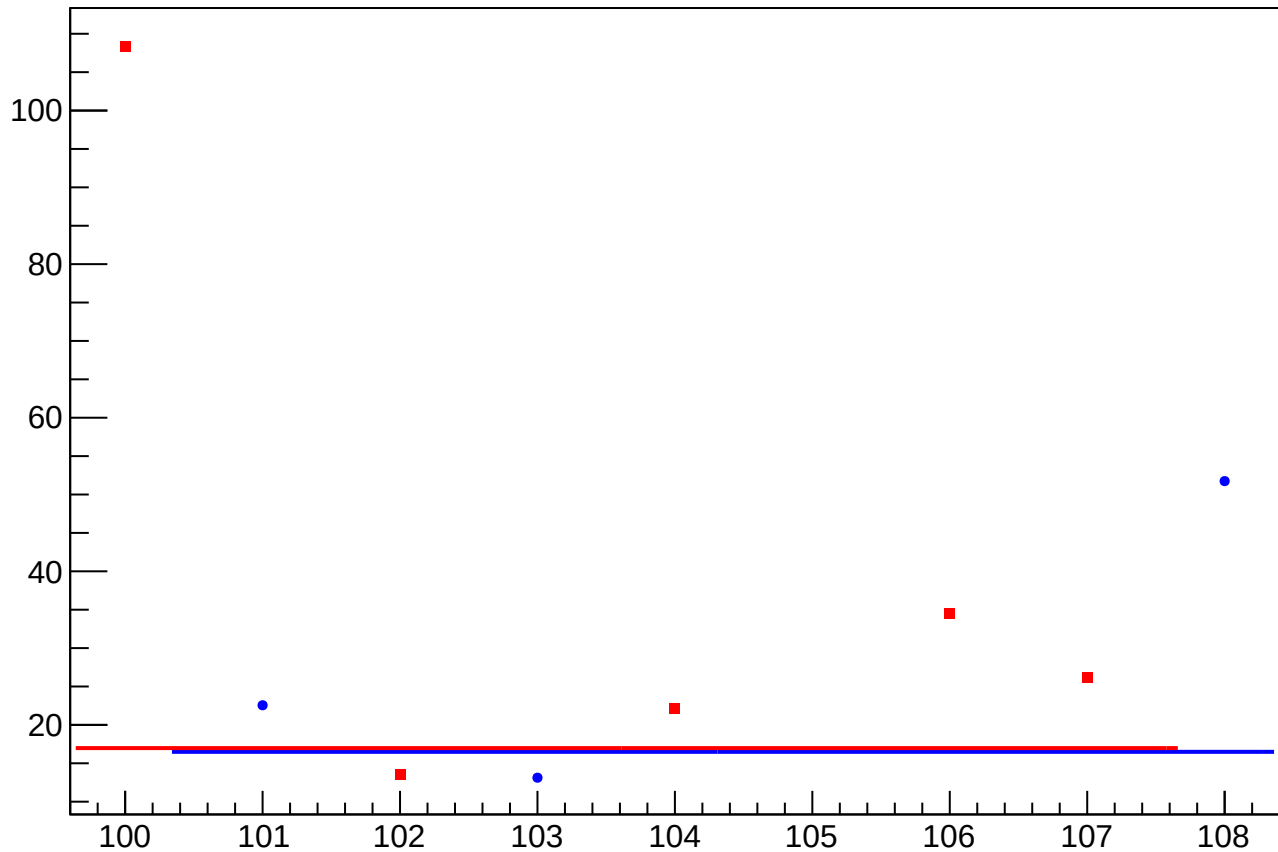
Right: -0.009+/-0.011 χ^2/NDF : 14.9/7

In: -0.037+/-0.016 χ^2/NDF : 2.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.011 χ^2/NDF : 14.9/7

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 16.491+/-0.011 χ^2/NDF : 429162.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.978+/-0.011 χ^2/NDF : 367057.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

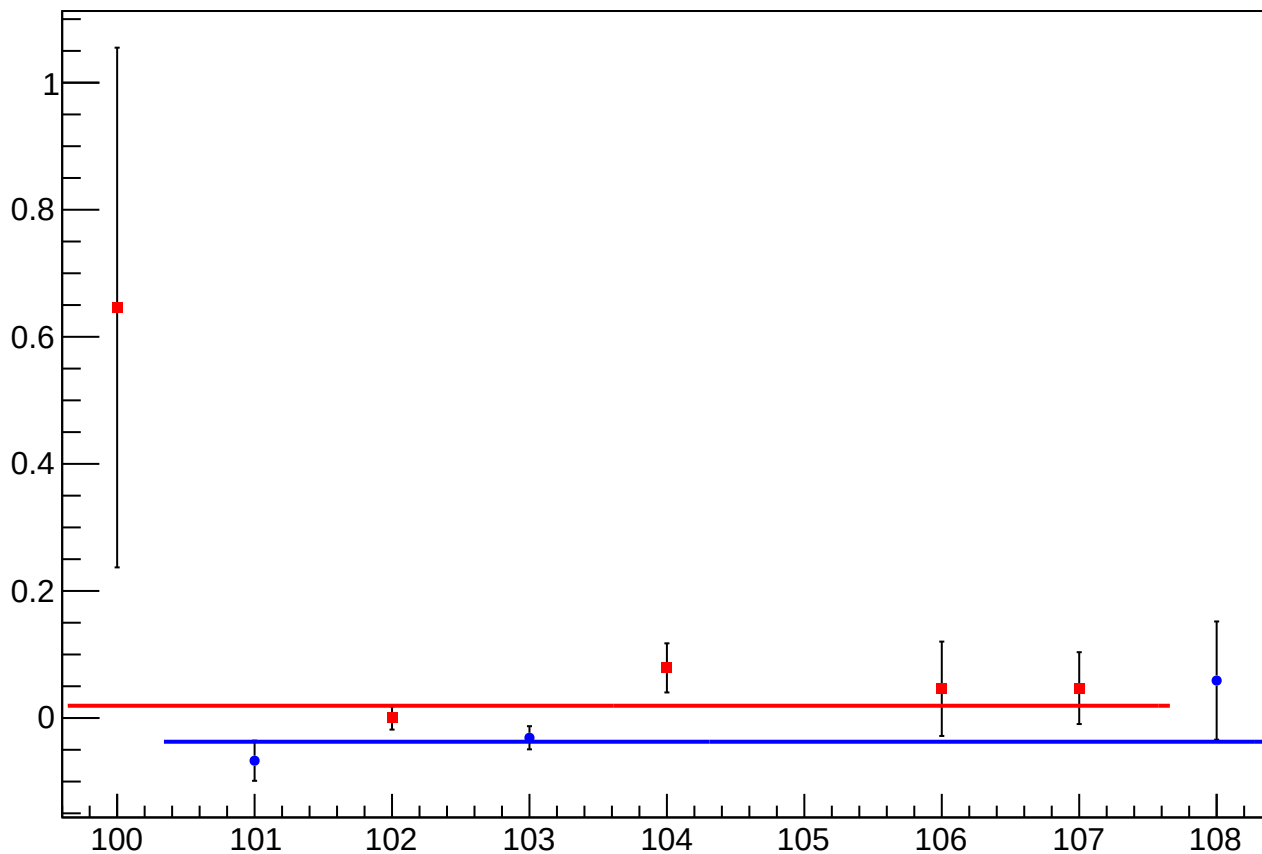
Right: 16.735+/-0.008 χ^2/NDF : 797202.1/7

In: 16.491+/-0.011 χ^2/NDF : 429162.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.735+/-0.008 χ^2/NDF : 797202.1/7

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.037 $\pm$ 0.016 χ^2 /NDF: 2.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.019 $\pm$ 0.016 χ^2 /NDF: 6.2/4

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

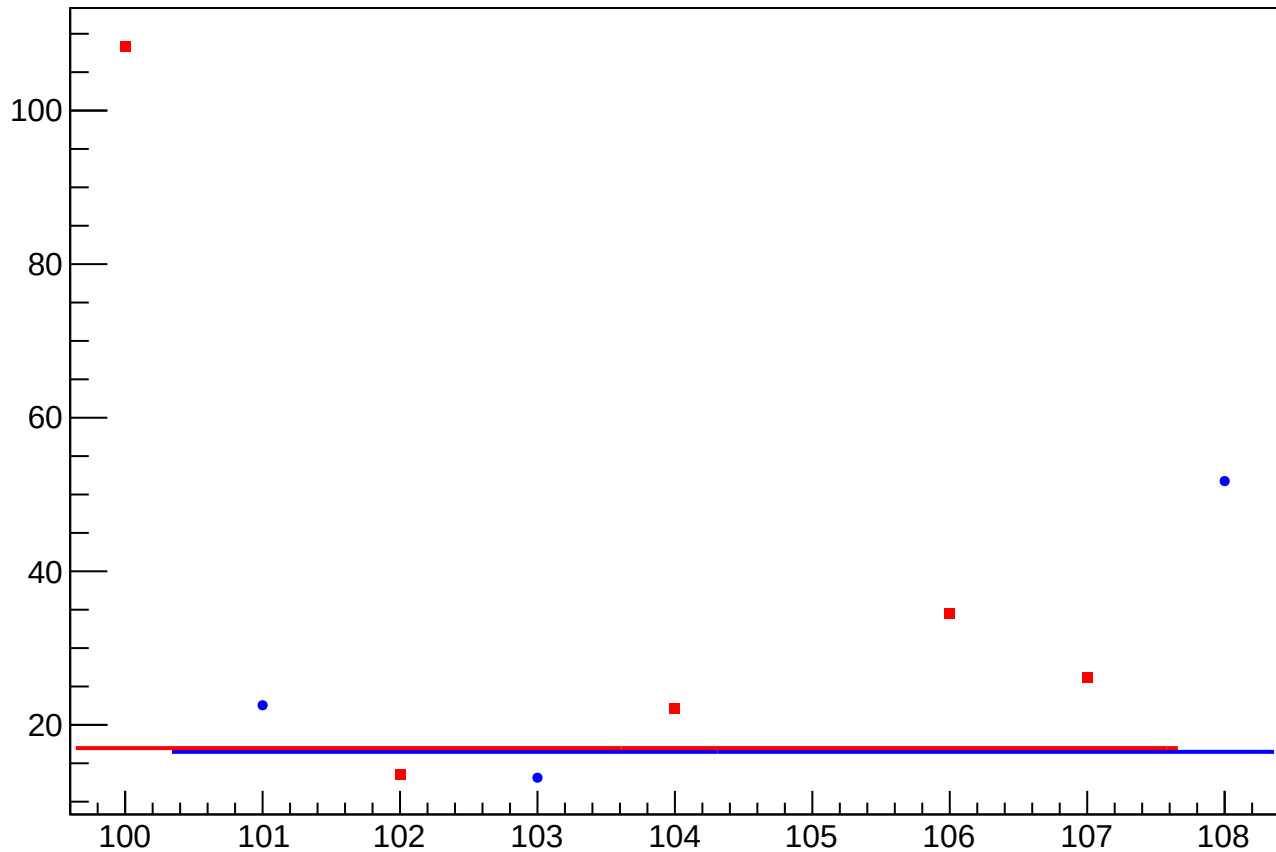
Right: -0.009 $\pm$ 0.011 χ^2 /NDF: 14.9/7

In: -0.037 $\pm$ 0.016 χ^2 /NDF:2.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.011 χ^2 /NDF: 14.9/7

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 16.491+/-0.011 χ^2/NDF : 429162.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.978+/-0.011 χ^2/NDF : 367057.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

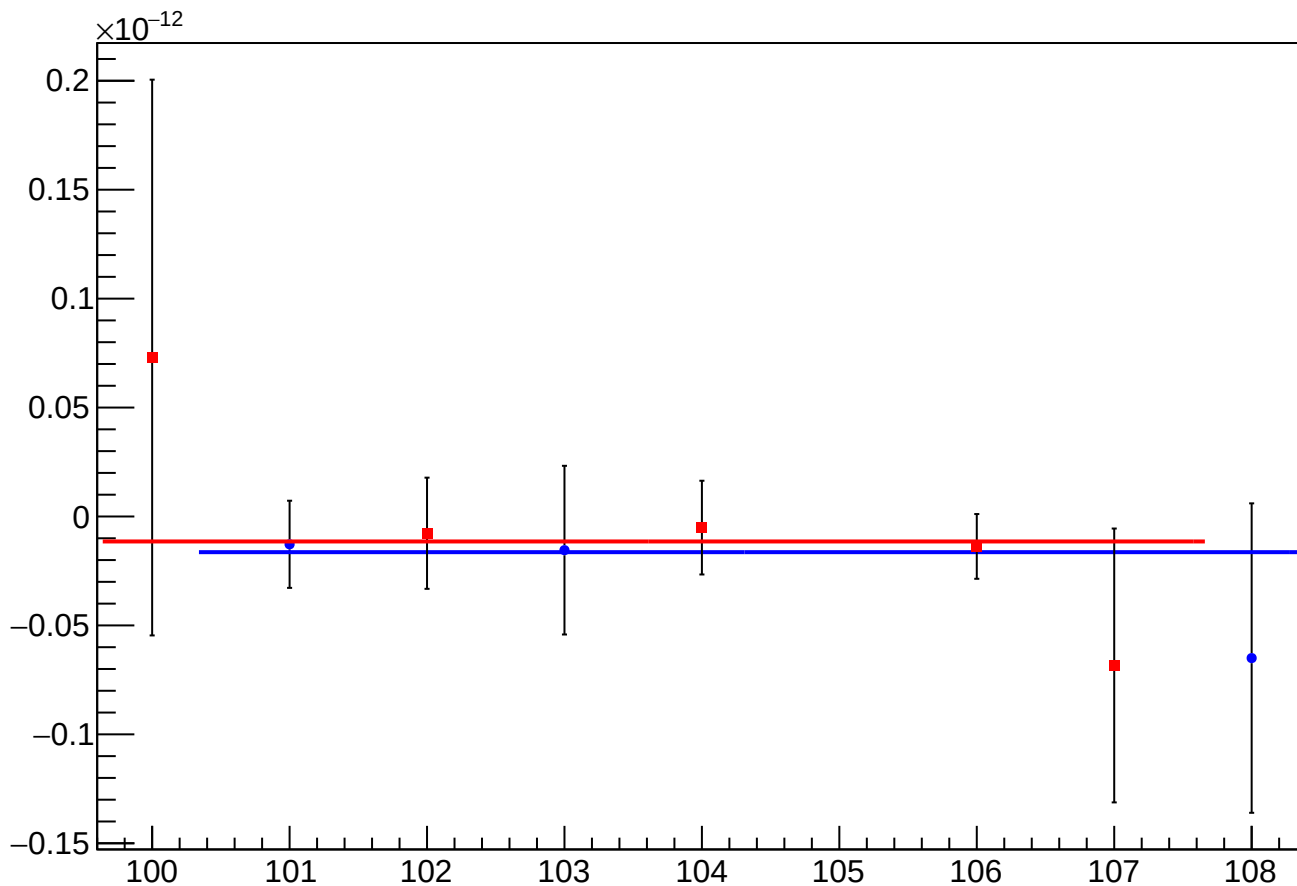
Right: 16.735+/-0.008 χ^2/NDF : 797202.1/7

In: 16.491+/-0.011 χ^2/NDF : 429162.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.735+/-0.008 χ^2/NDF : 797202.1/7

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

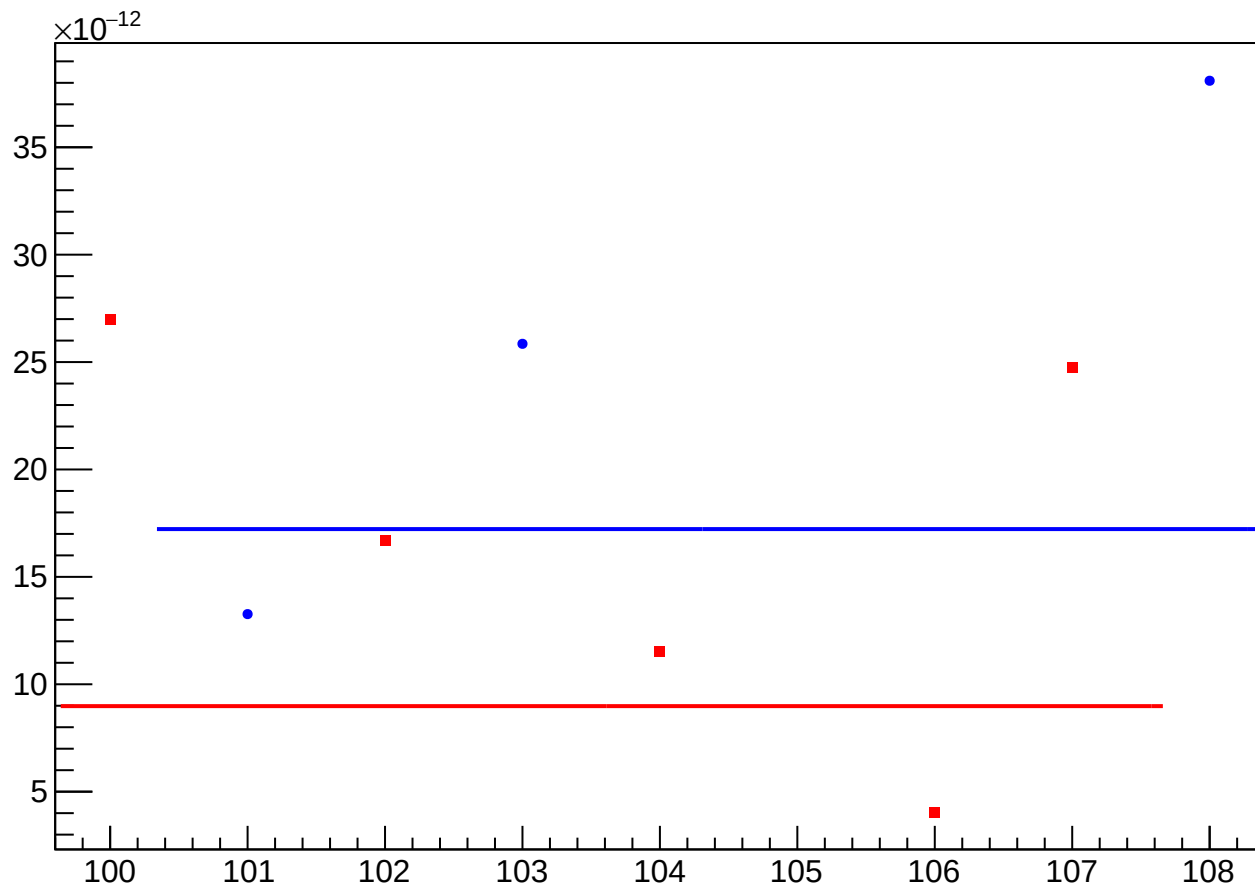
Right: -0.000+/-0.000 χ^2/NDF : 2.0/7

In: -0.000+/-0.000 χ^2/NDF : 0.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 2.0/7

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 350326.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 598575.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

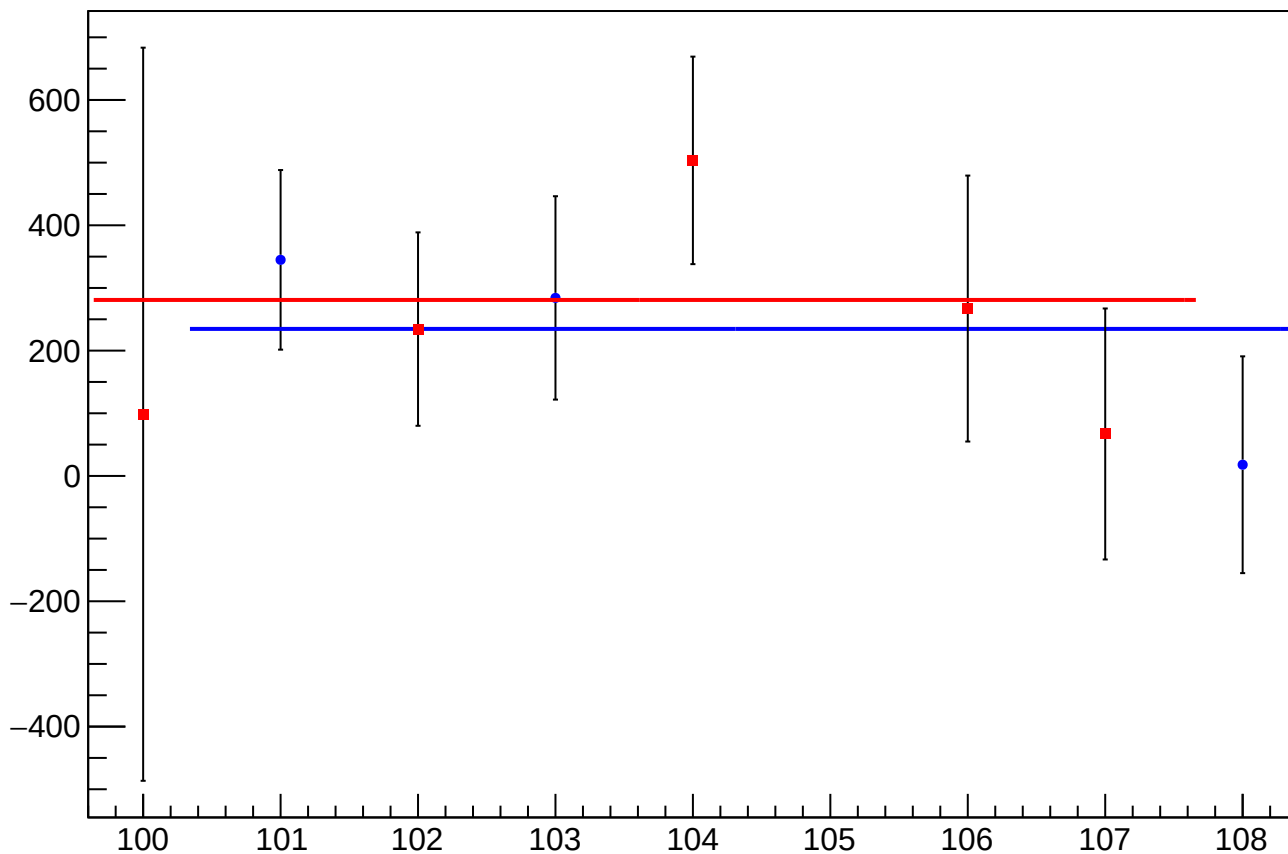
Right: 0.000+/-0.000 χ^2/NDF : 1276854.8/7

In: 0.000+/-0.000 χ^2/NDF : 350326.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1276854.8/7

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 234.654+/-91.259 χ^2/NDF : 2.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 280.865+/-88.211 χ^2/NDF : 3.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

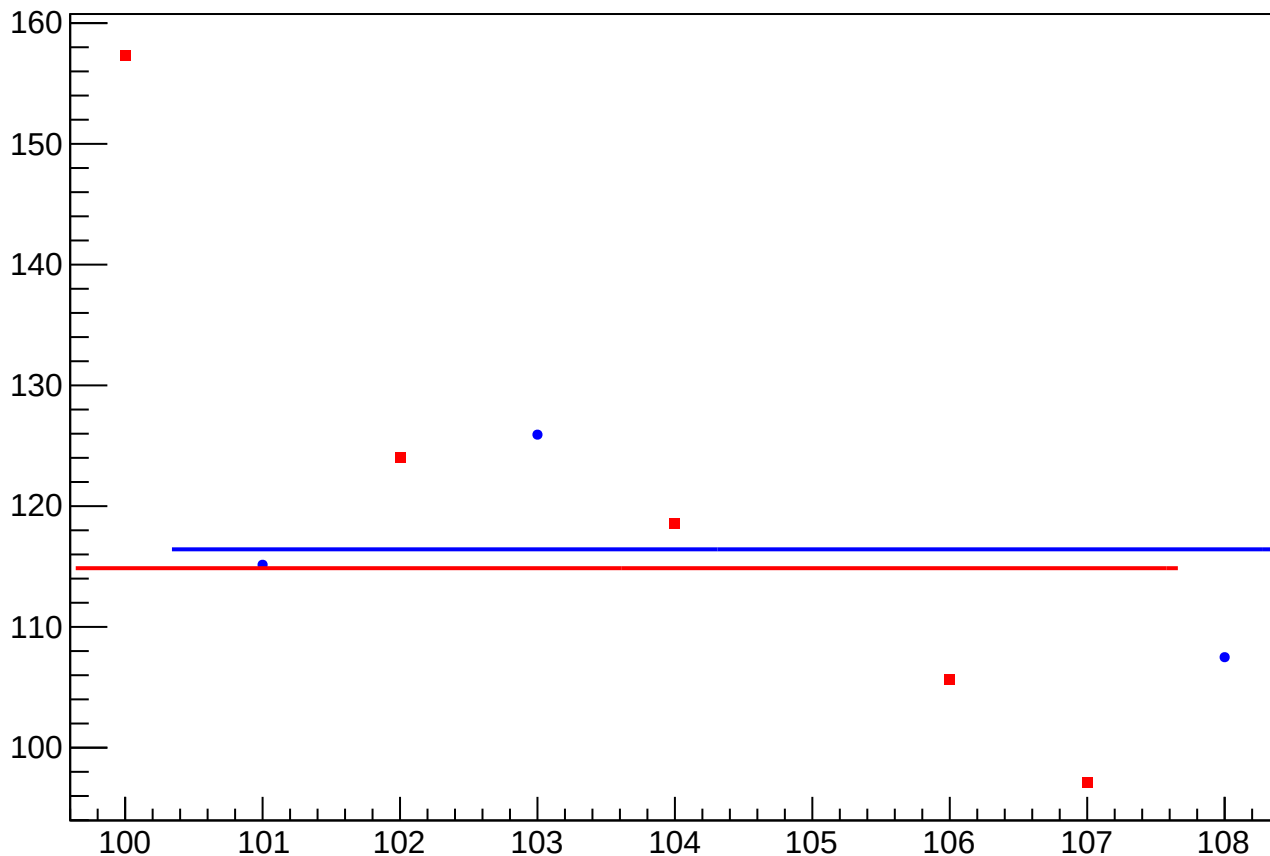
Right: 258.544+/-63.425 χ^2/NDF : 5.5/7

In: 234.654+/-91.259 χ^2/NDF : 2.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 258.544+/-63.425 χ^2/NDF : 5.5/7

reg_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 116.424+/-0.065 χ^2/NDF : 12339.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.863+/-0.062 χ^2/NDF : 38043.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

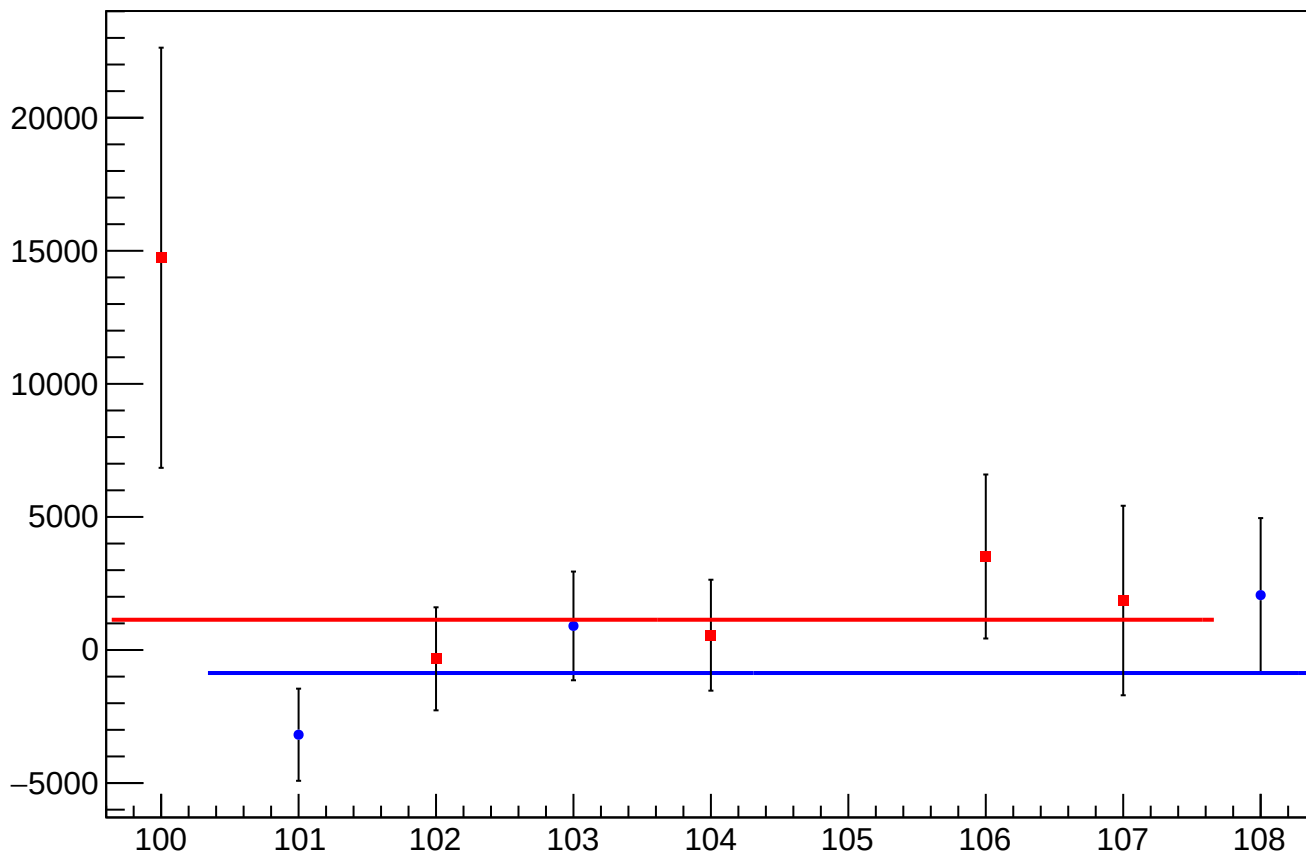
Right: 115.617+/-0.045 χ^2/NDF : 50685.8/7

In: 116.424+/-0.065 χ^2/NDF : 12339.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.617+/-0.045 χ^2/NDF : 50685.8/7

asym_sam_24_68_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -864.894+/-1201.413 χ^2/NDF : 3.6/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1136.743+/-1197.535 χ^2/NDF : 4.3/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

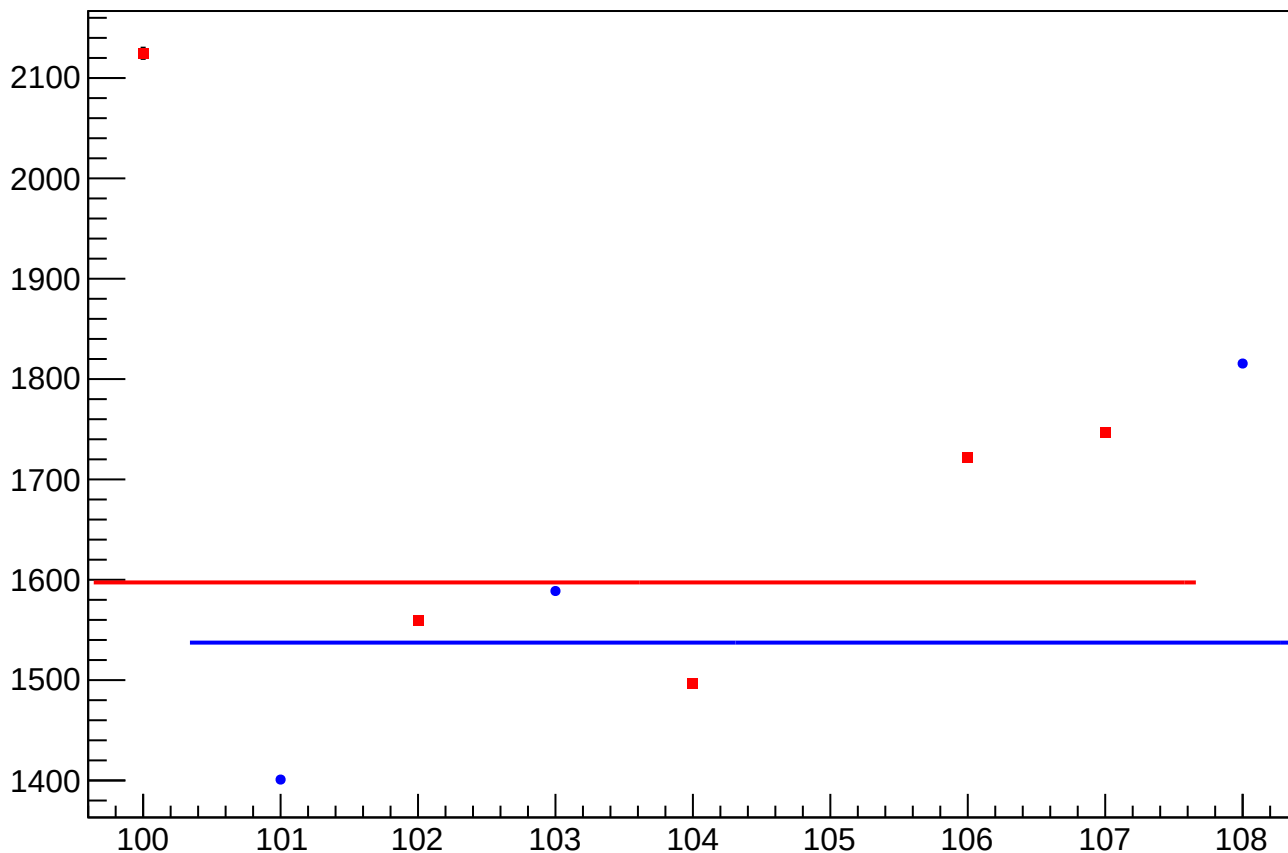
Right: 139.161+/-848.153 χ^2/NDF : 9.2/7

In: -864.894+/-1201.413 χ^2/NDF :3.6/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 139.161+/-848.153 χ^2/NDF : 9.2/7

asym_sam_24_68_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1537.371+/-0.850 χ^2/NDF : 32175.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1597.337+/-0.847 χ^2/NDF : 21211.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

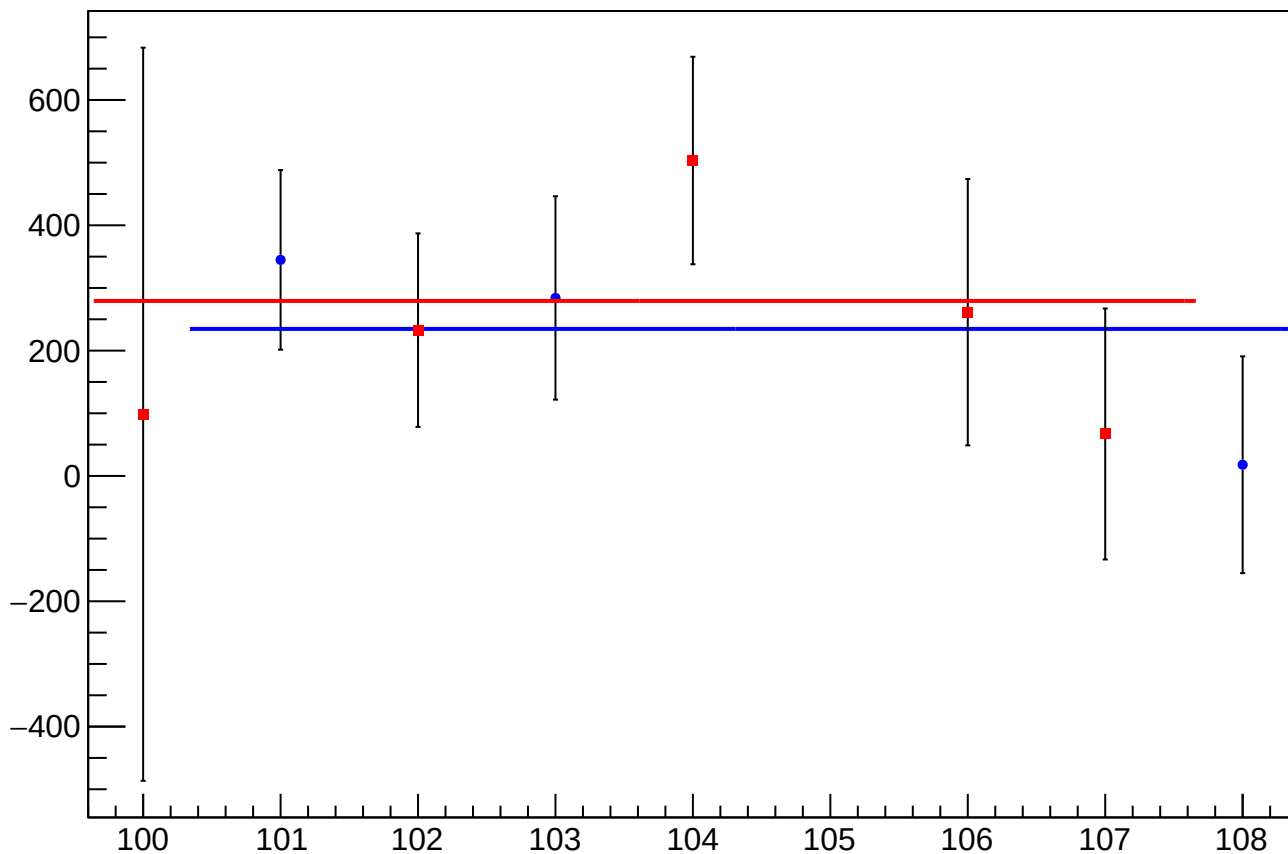
Right: 1567.451+/-0.600 χ^2/NDF : 55885.7/7

In: 1537.371+/-0.850 χ^2/NDF : 32175.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1567.451+/-0.600 χ^2/NDF : 55885.7/7

cor_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 234.646 $\pm$ 91.259 χ^2 /NDF: 2.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 279.296 $\pm$ 88.248 χ^2 /NDF: 3.1/4

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

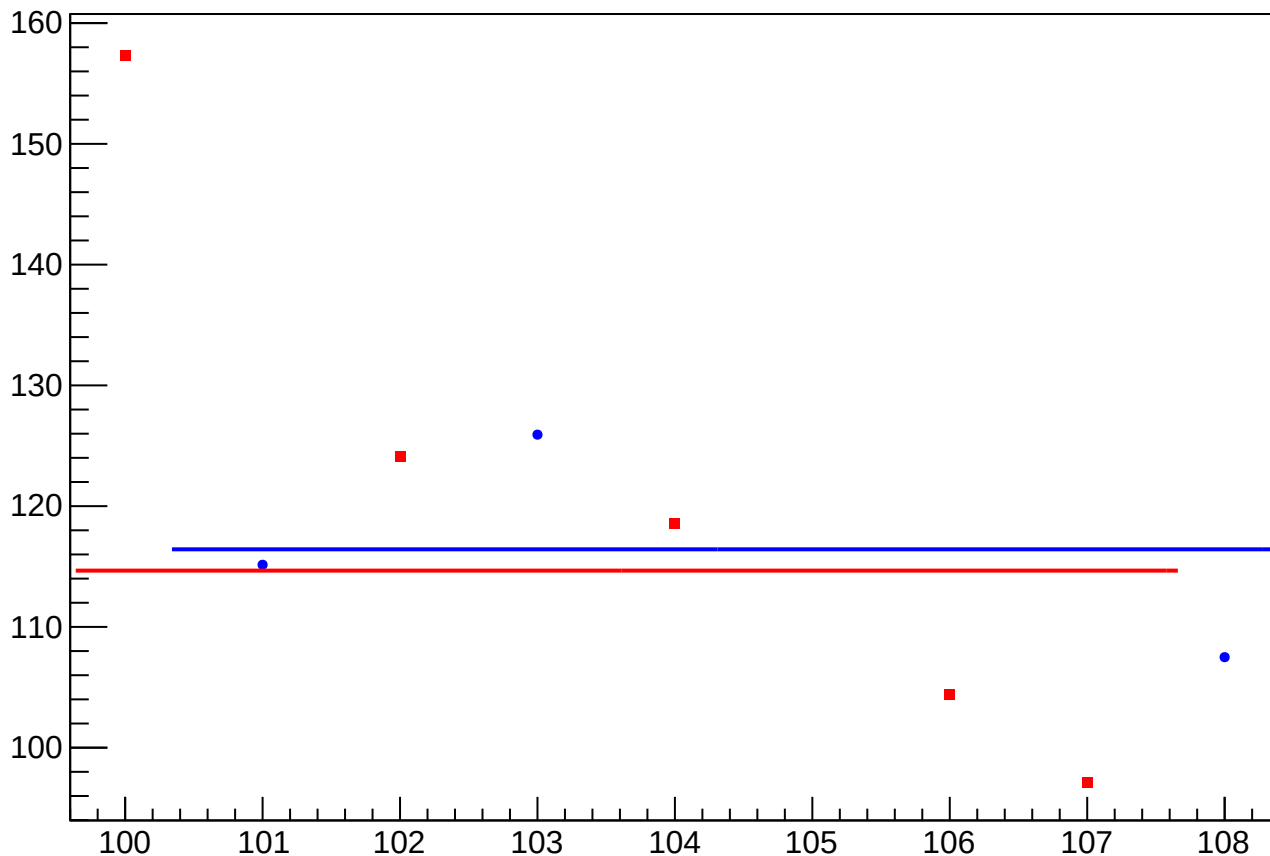
Right: 257.720 $\pm$ 63.438 χ^2 /NDF: 5.5/7

In: 234.646 $\pm$ 91.259 χ^2 /NDF: 2.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 257.720 $\pm$ 63.438 χ^2 /NDF: 5.5/7

cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 116.425+/-0.065 χ^2/NDF : 12340.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.662+/-0.062 χ^2/NDF : 39226.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

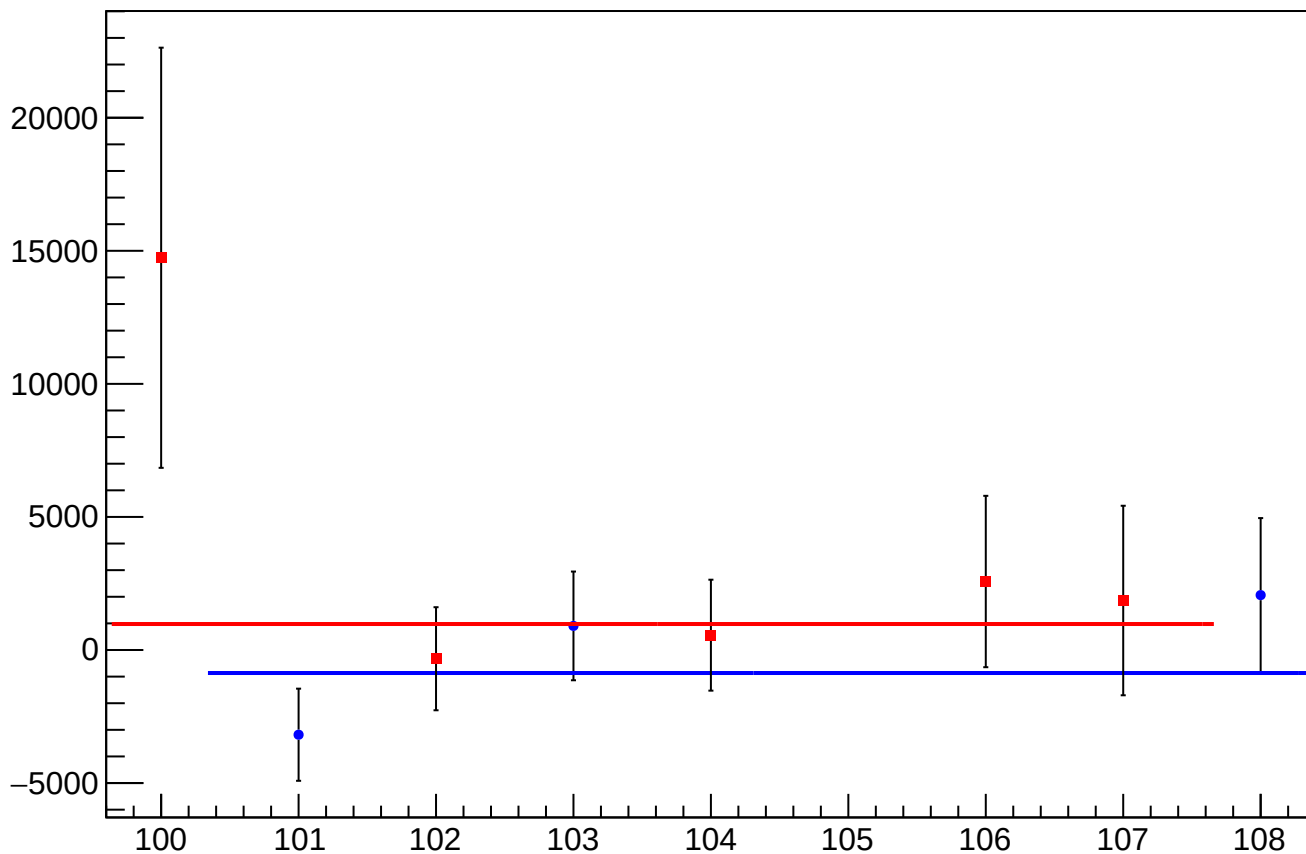
Right: 115.514+/-0.045 χ^2/NDF : 51952.4/7

In: 116.425+/-0.065 χ^2/NDF : 12340.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.514+/-0.045 χ^2/NDF : 51952.4/7

asym_sam_24_68_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -864.771+/-1201.430 χ^2/NDF : 3.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 976.197+/-1205.406 χ^2/NDF : 3.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

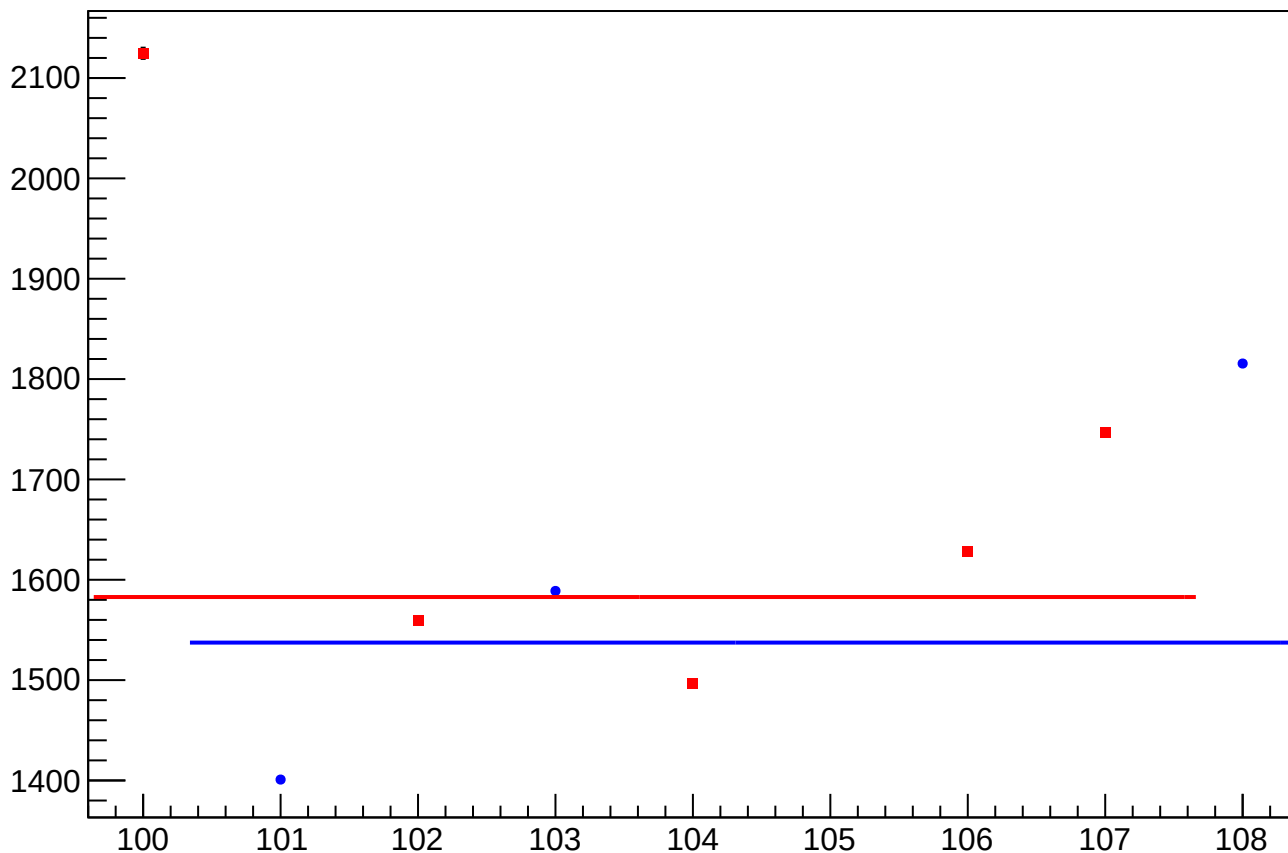
Right: 52.672+/-850.941 χ^2/NDF : 8.6/7

In: -864.771+/-1201.430 χ^2/NDF : 3.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.672+/-850.941 χ^2/NDF : 8.6/7

asym_sam_24_68_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1537.391+/-0.850 χ^2/NDF : 32177.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1582.805+/-0.852 χ^2/NDF : 17786.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

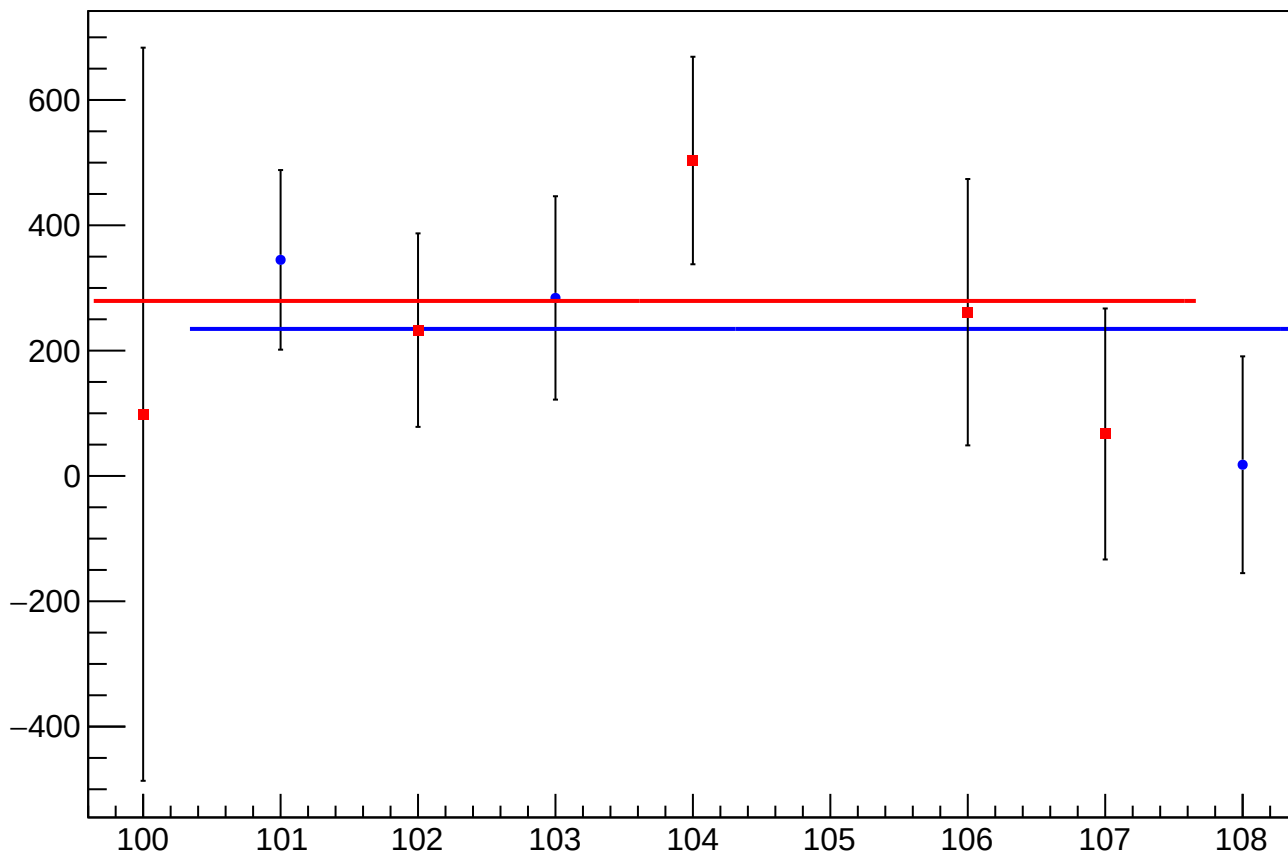
Right: 1560.023+/-0.602 χ^2/NDF : 51388.0/7

In: 1537.391+/-0.850 χ^2/NDF : 32177.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1560.023+/-0.602 χ^2/NDF : 51388.0/7

eigen_cor_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 234.646 $\pm$ 91.259 χ^2 /NDF: 2.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 279.296 $\pm$ 88.248 χ^2 /NDF: 3.1/4

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

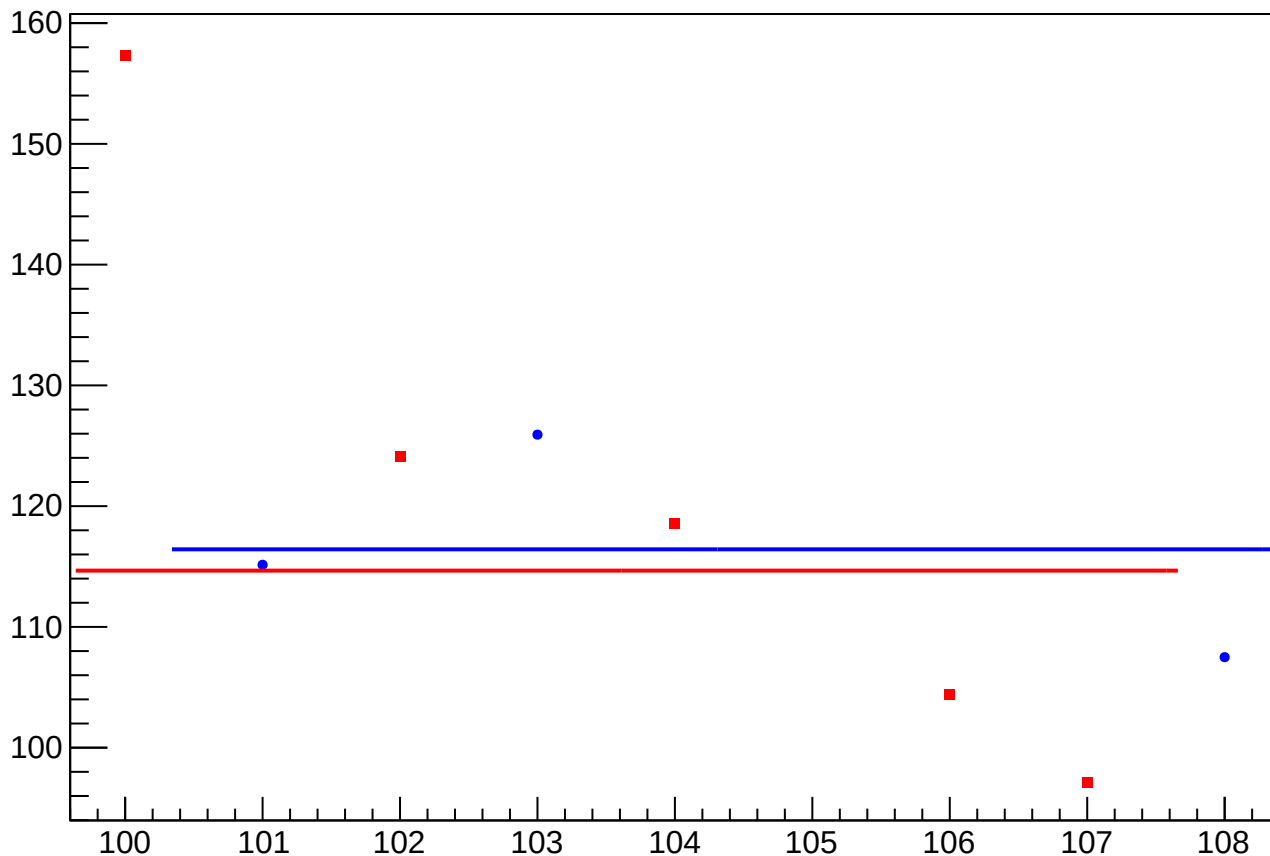
Right: 257.720 $\pm$ 63.438 χ^2 /NDF: 5.5/7

In: 234.646 $\pm$ 91.259 χ^2 /NDF: 2.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 257.720 $\pm$ 63.438 χ^2 /NDF: 5.5/7

eigen_cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 116.425+/-0.065 χ^2/NDF : 12340.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.662+/-0.062 χ^2/NDF : 39226.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

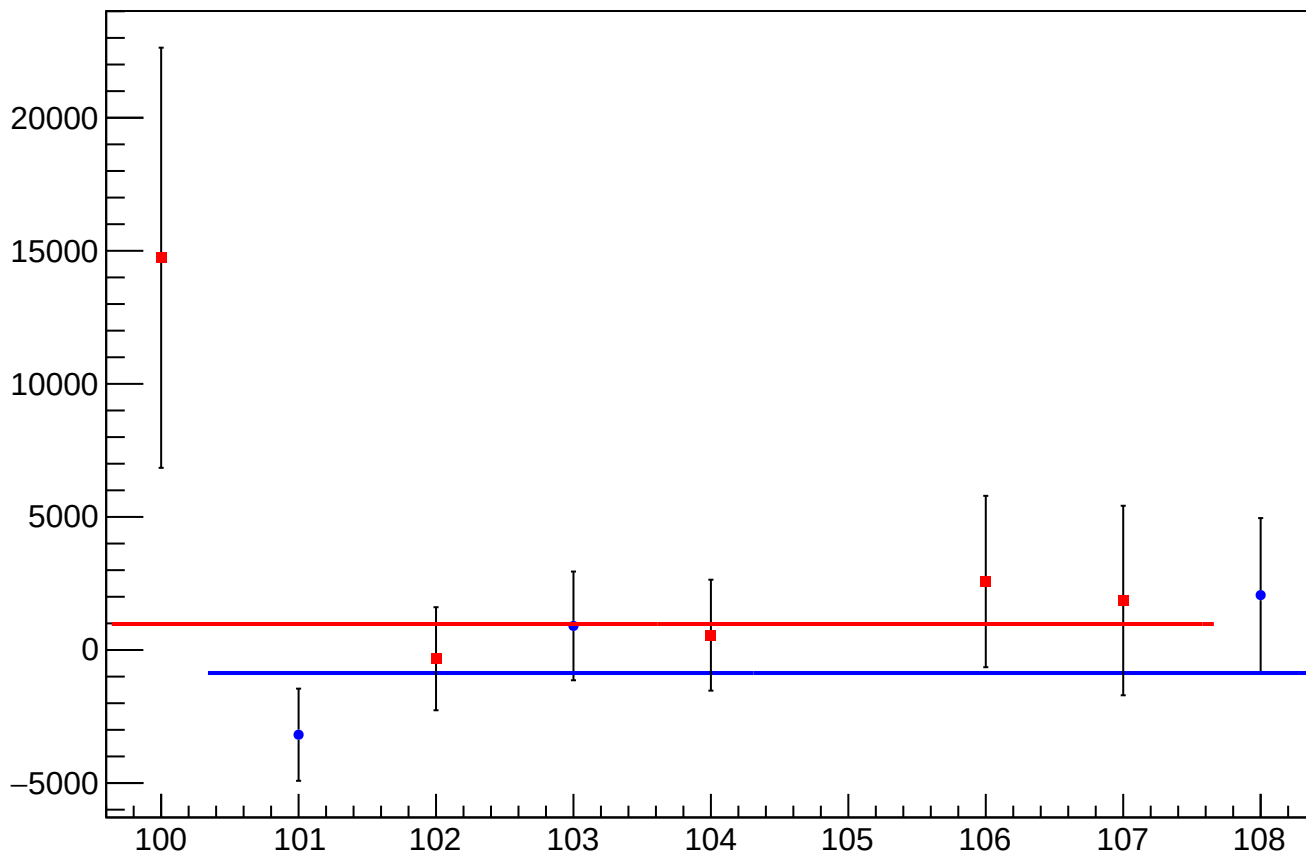
Right: 115.514+/-0.045 χ^2/NDF : 51952.4/7

In: 116.425+/-0.065 χ^2/NDF : 12340.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.514+/-0.045 χ^2/NDF : 51952.4/7

asym_sam_24_68_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -864.771+/-1201.430 χ^2/NDF : 3.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 976.197+/-1205.406 χ^2/NDF : 3.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

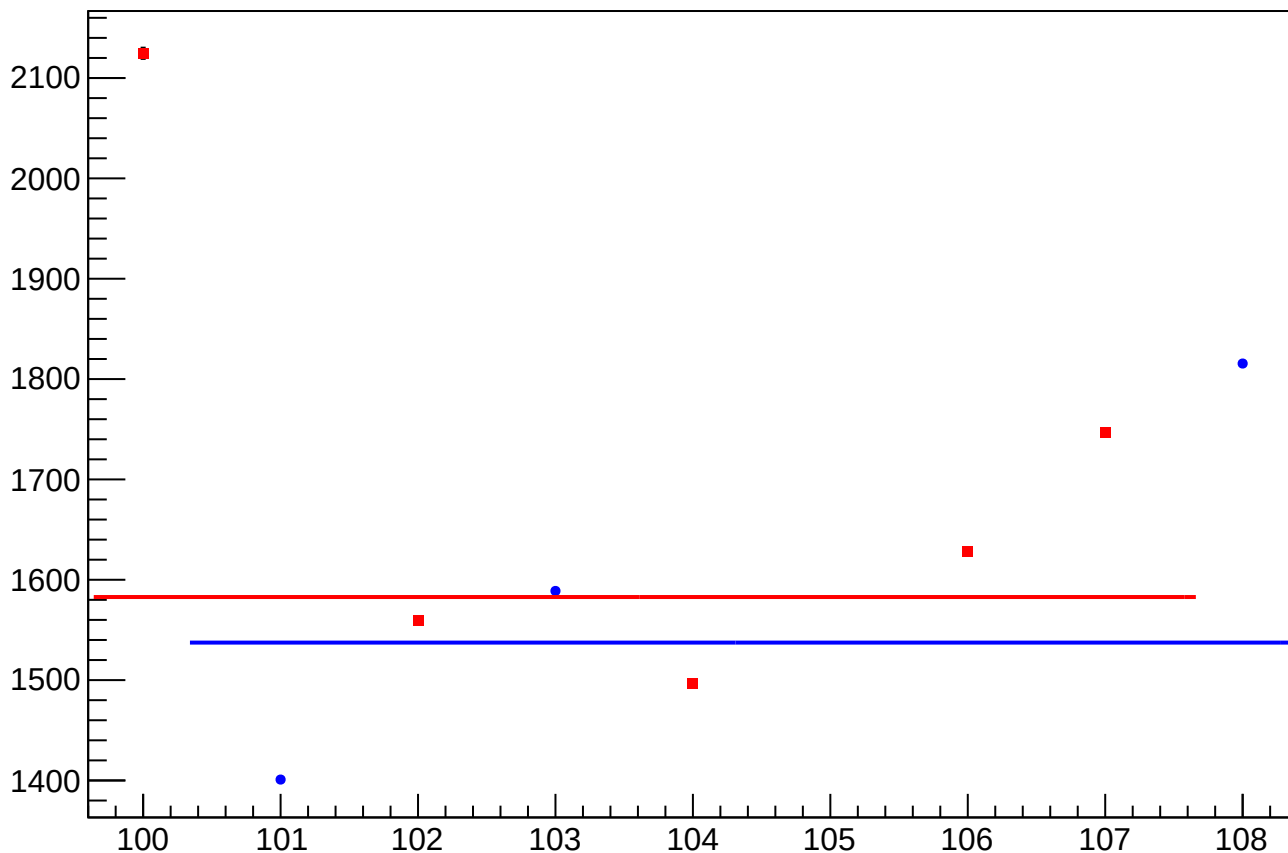
Right: 52.672+/-850.941 χ^2/NDF : 8.6/7

In: -864.771+/-1201.430 χ^2/NDF : 3.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.672+/-850.941 χ^2/NDF : 8.6/7

asym_sam_24_68_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1537.391+/-0.850 χ^2/NDF : 32177.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1582.805+/-0.852 χ^2/NDF : 17786.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

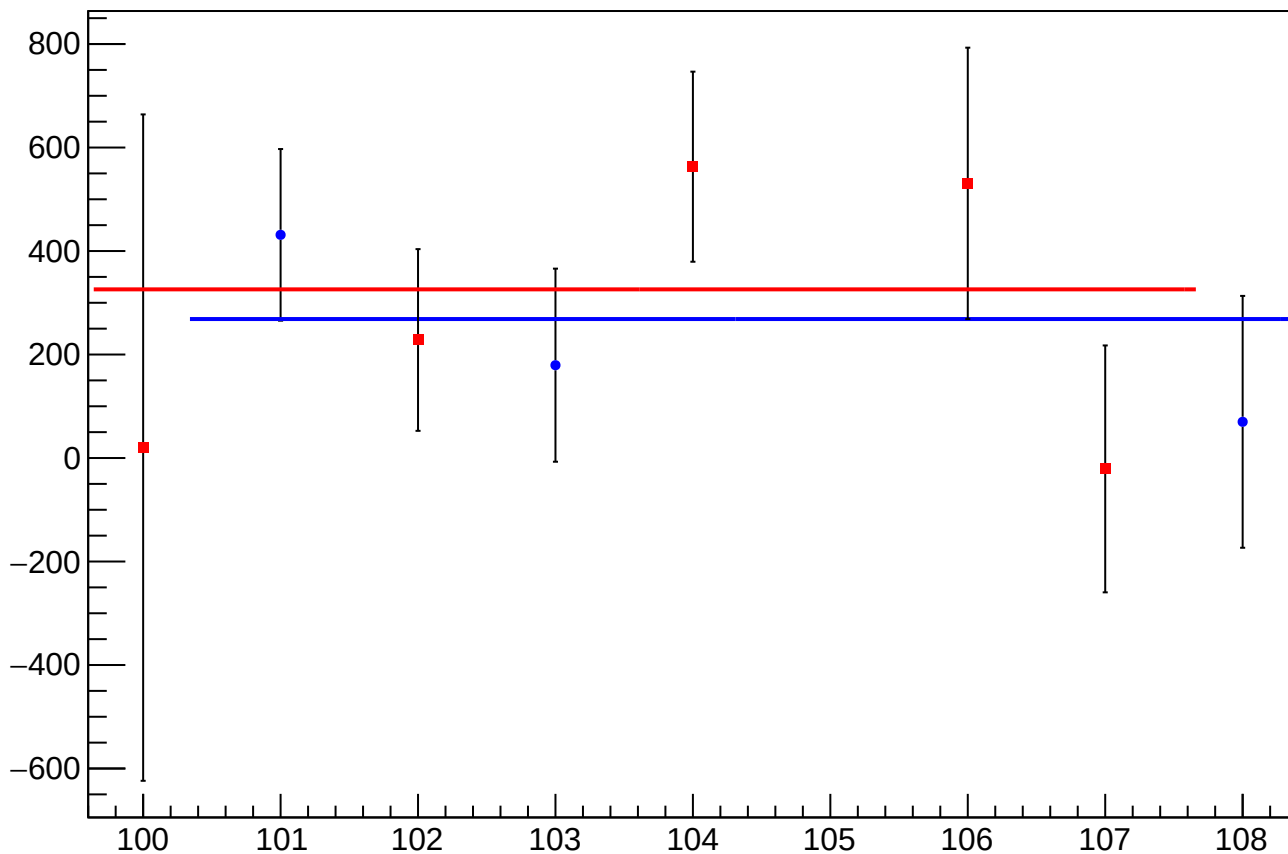
Right: 1560.023+/-0.602 χ^2/NDF : 51388.0/7

In: 1537.391+/-0.850 χ^2/NDF : 32177.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1560.023+/-0.602 χ^2/NDF : 51388.0/7

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 268.582 $\pm$ 110.447 χ^2 /NDF: 1.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 325.926 $\pm$ 101.742 χ^2 /NDF: 4.9/4

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

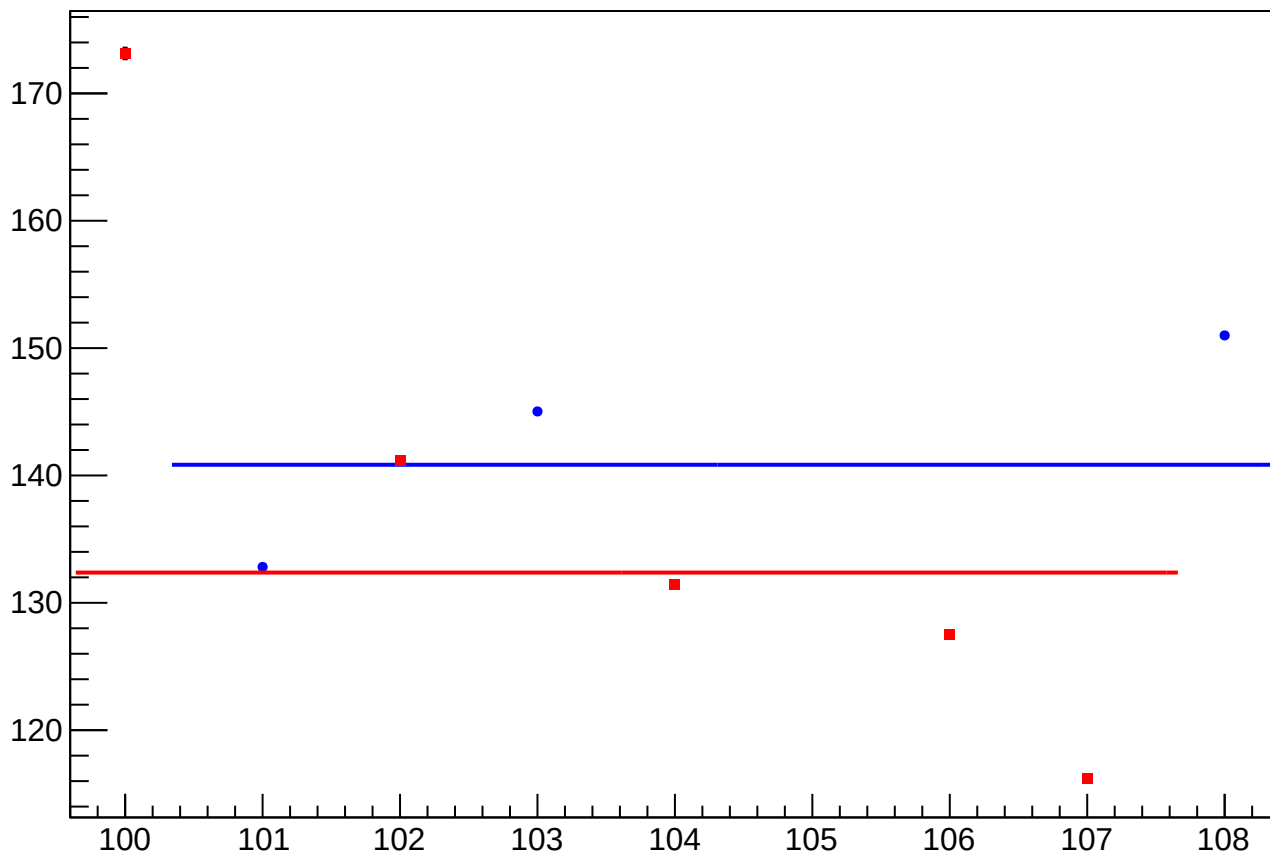
Right: 299.603 $\pm$ 74.831 χ^2 /NDF: 6.9/7

In: 268.582 $\pm$ 110.447 χ^2 /NDF:1.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 299.603 $\pm$ 74.831 χ^2 /NDF: 6.9/7

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 140.840 $\pm$ 0.078 χ^2 /NDF: 9172.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 132.376 $\pm$ 0.072 χ^2 /NDF: 22953.5/4

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

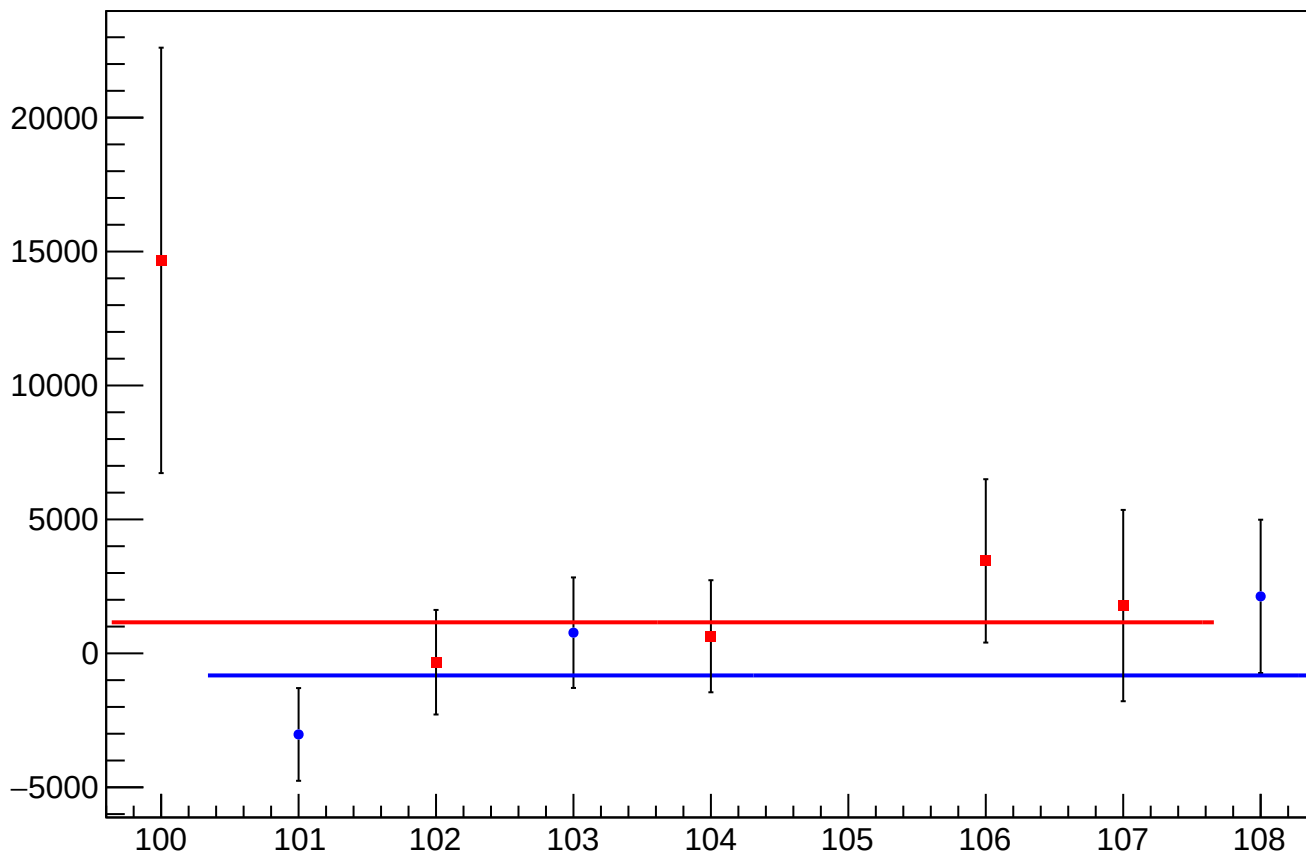
Right: 136.261 $\pm$ 0.053 χ^2 /NDF: 38479.7/7

In: 140.840 $\pm$ 0.078 χ^2 /NDF:9172.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 136.261 $\pm$ 0.053 χ^2 /NDF: 38479.7/7

asym_sam_24_68_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -824.082+/-1203.011 χ^2/NDF : 3.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1158.885+/-1201.339 χ^2/NDF : 4.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

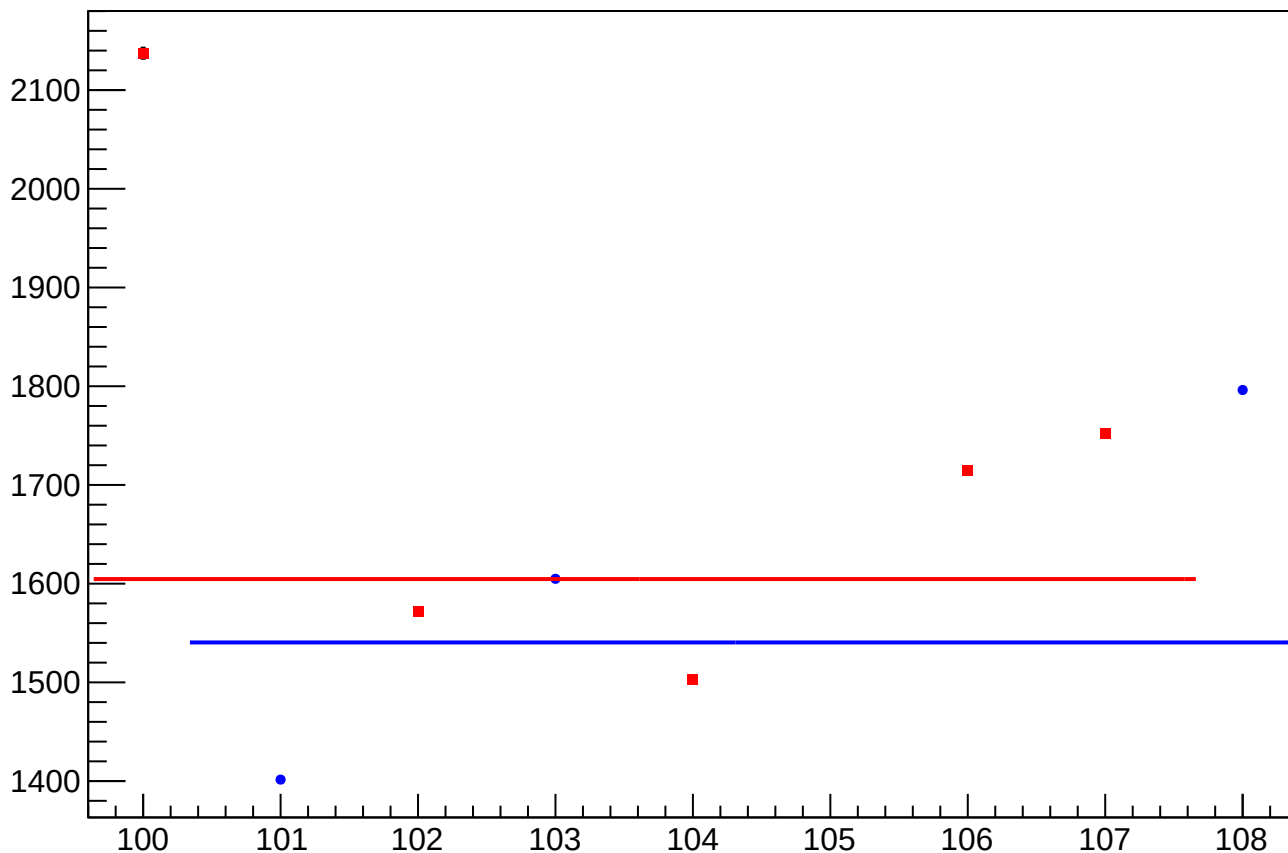
Right: 168.780+/-850.065 χ^2/NDF : 8.8/7

In: -824.082+/-1203.011 χ^2/NDF : 3.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.780+/-850.065 χ^2/NDF : 8.8/7

asym_sam_24_68_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1540.439+/-0.851 χ^2/NDF : 30817.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1604.664+/-0.849 χ^2/NDF : 20337.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

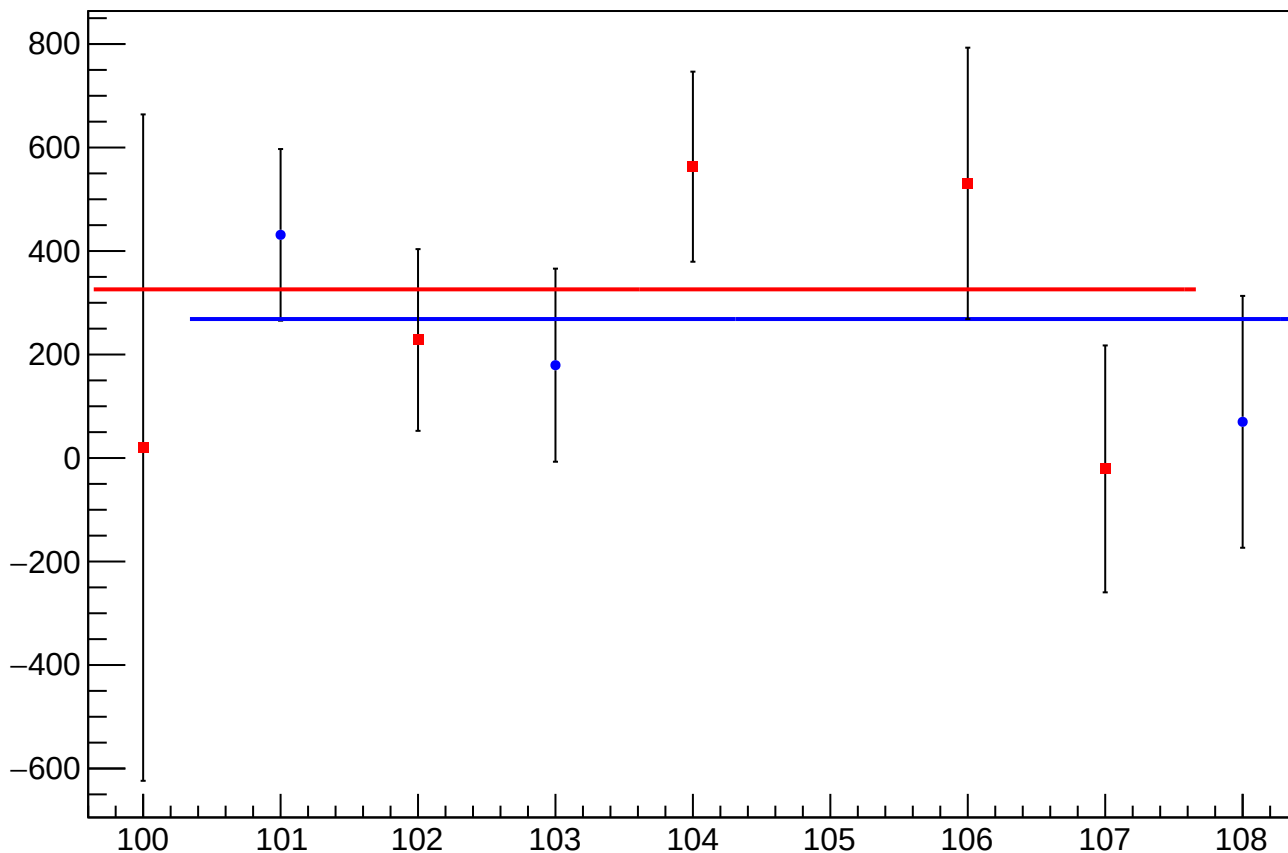
Right: 1572.596+/-0.601 χ^2/NDF : 54008.7/7

In: 1540.439+/-0.851 χ^2/NDF : 30817.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1572.596+/-0.601 χ^2/NDF : 54008.7/7

eigen_dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 268.580 $\pm$ 110.447 χ^2 /NDF: 1.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 325.926 $\pm$ 101.741 χ^2 /NDF: 4.9/4

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

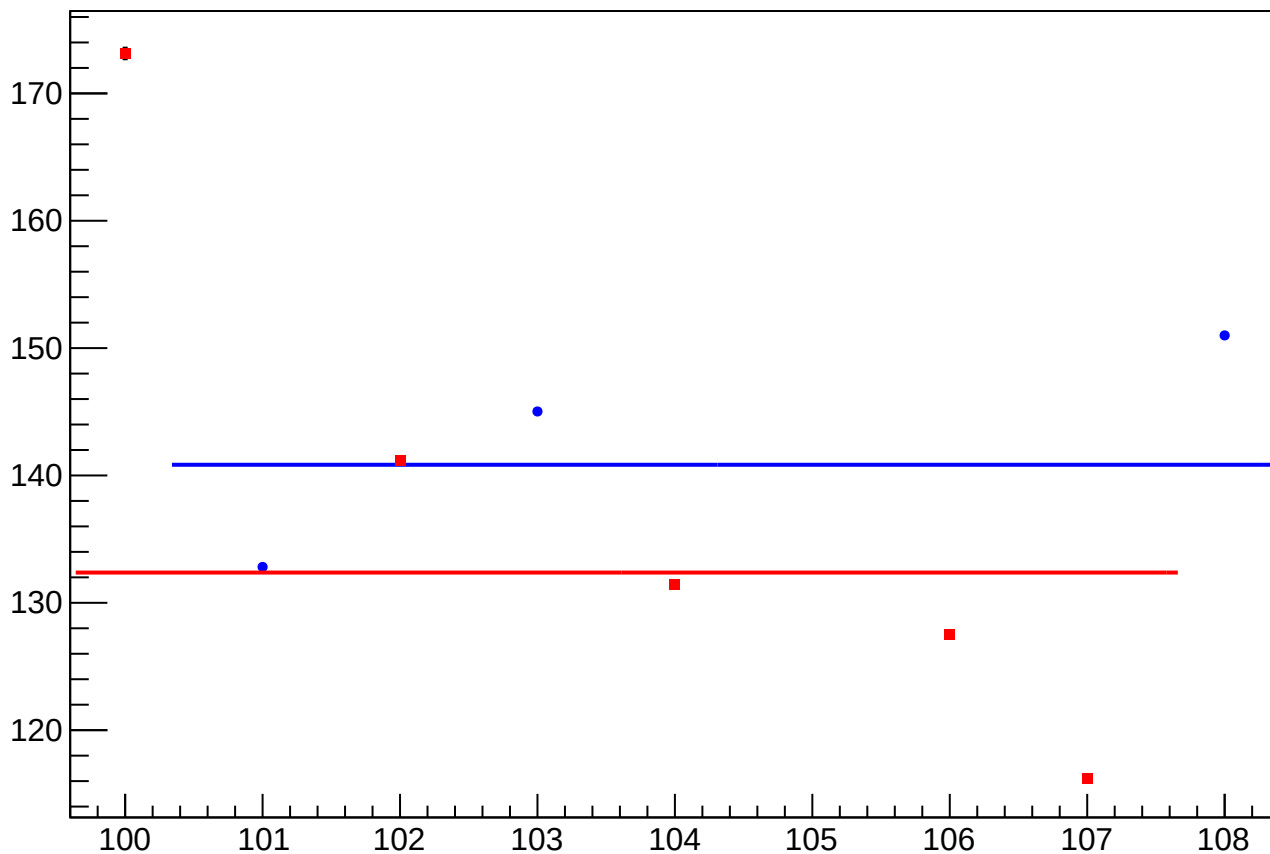
Right: 299.602 $\pm$ 74.831 χ^2 /NDF: 6.9/7

In: 268.580 $\pm$ 110.447 χ^2 /NDF:1.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 299.602 $\pm$ 74.831 χ^2 /NDF: 6.9/7

eigen_dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 140.840 $\pm$ 0.078 χ^2 /NDF: 9172.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 132.376 $\pm$ 0.072 χ^2 /NDF: 22953.6/4

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

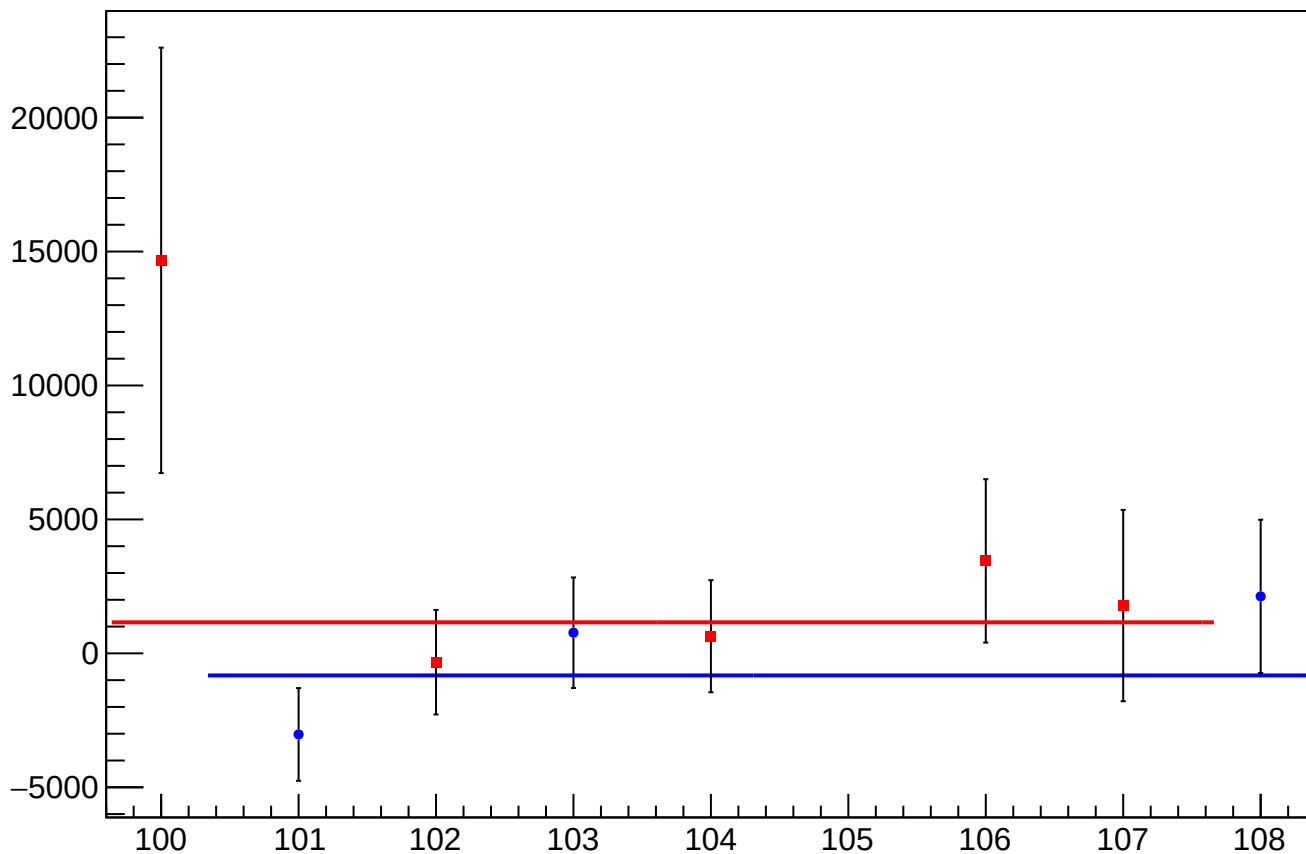
Right: 136.261 $\pm$ 0.053 χ^2 /NDF: 38480.0/7

In: 140.840 $\pm$ 0.078 χ^2 /NDF:9172.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 136.261 $\pm$ 0.053 χ^2 /NDF: 38480.0/7

asym_sam_24_68_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -824.082+/-1203.009 χ^2/NDF : 3.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1158.883+/-1201.338 χ^2/NDF : 4.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

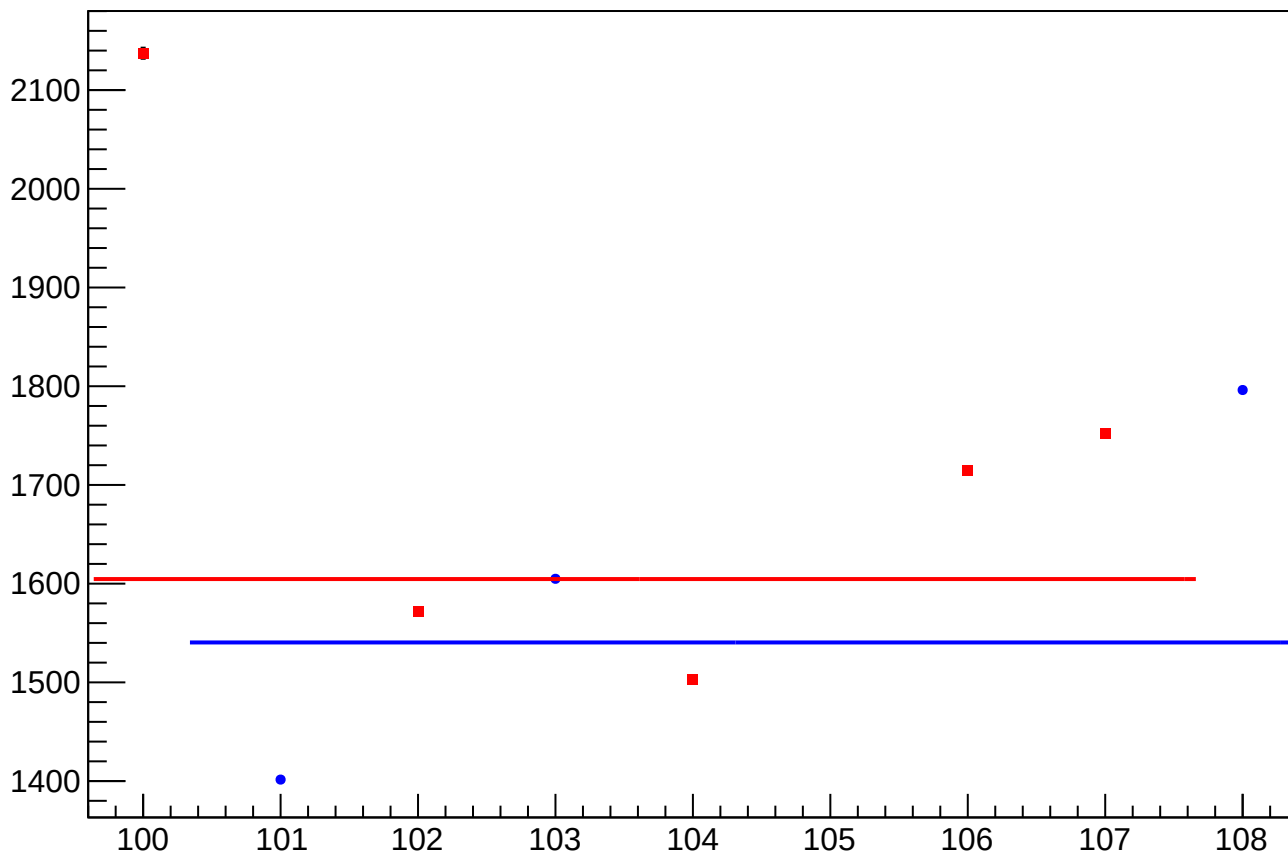
Right: 168.779+/-850.064 χ^2/NDF : 8.8/7

In: -824.082+/-1203.009 χ^2/NDF : 3.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.779+/-850.064 χ^2/NDF : 8.8/7

asym_sam_24_68_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1540.437+/-0.851 χ^2/NDF : 30816.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1604.662+/-0.849 χ^2/NDF : 20337.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

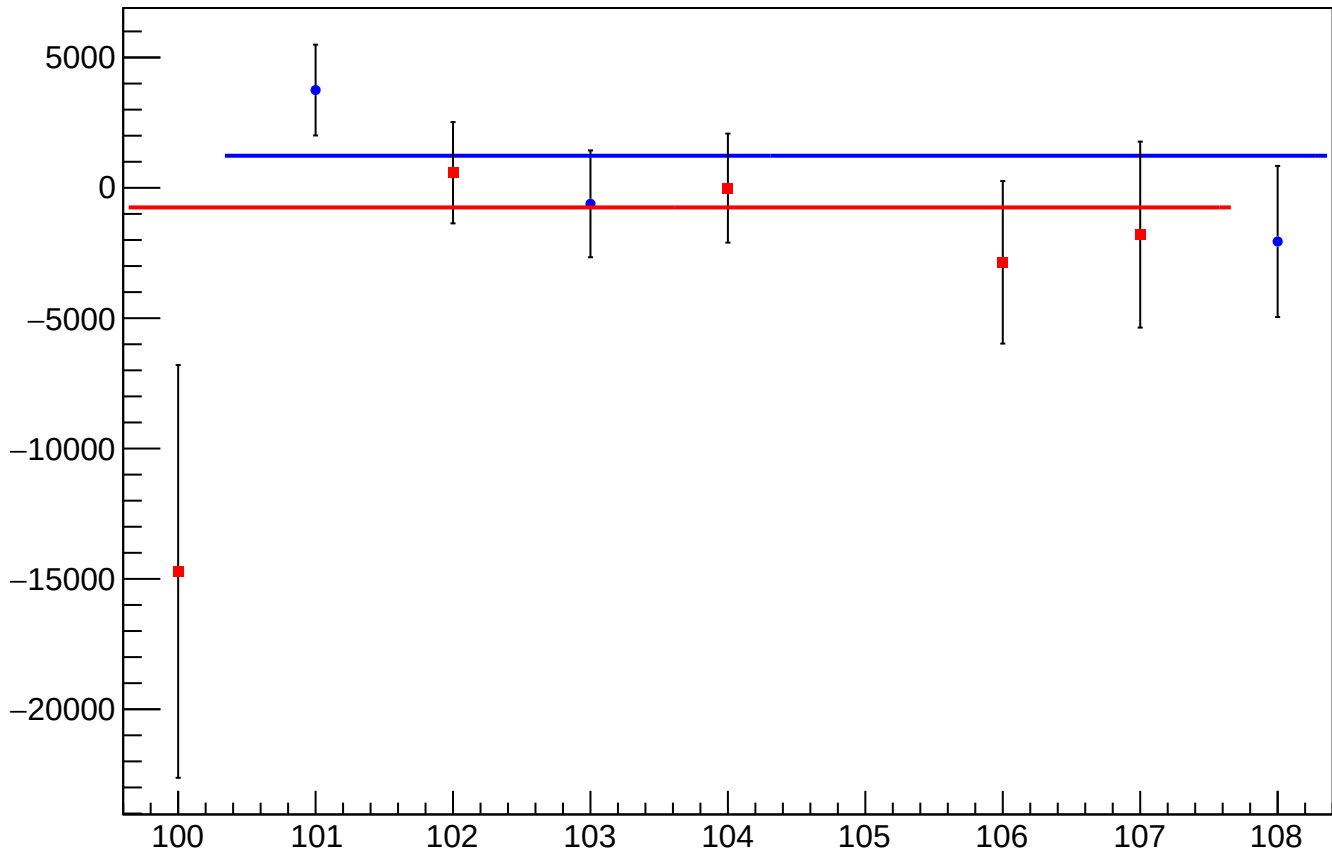
Right: 1572.594+/-0.601 χ^2/NDF : 54008.6/7

In: 1540.437+/-0.851 χ^2/NDF : 30816.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1572.594+/-0.601 χ^2/NDF : 54008.6/7

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1231.490+/-1206.526 χ^2/NDF : 4.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -750.748+/-1202.638 χ^2/NDF : 4.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

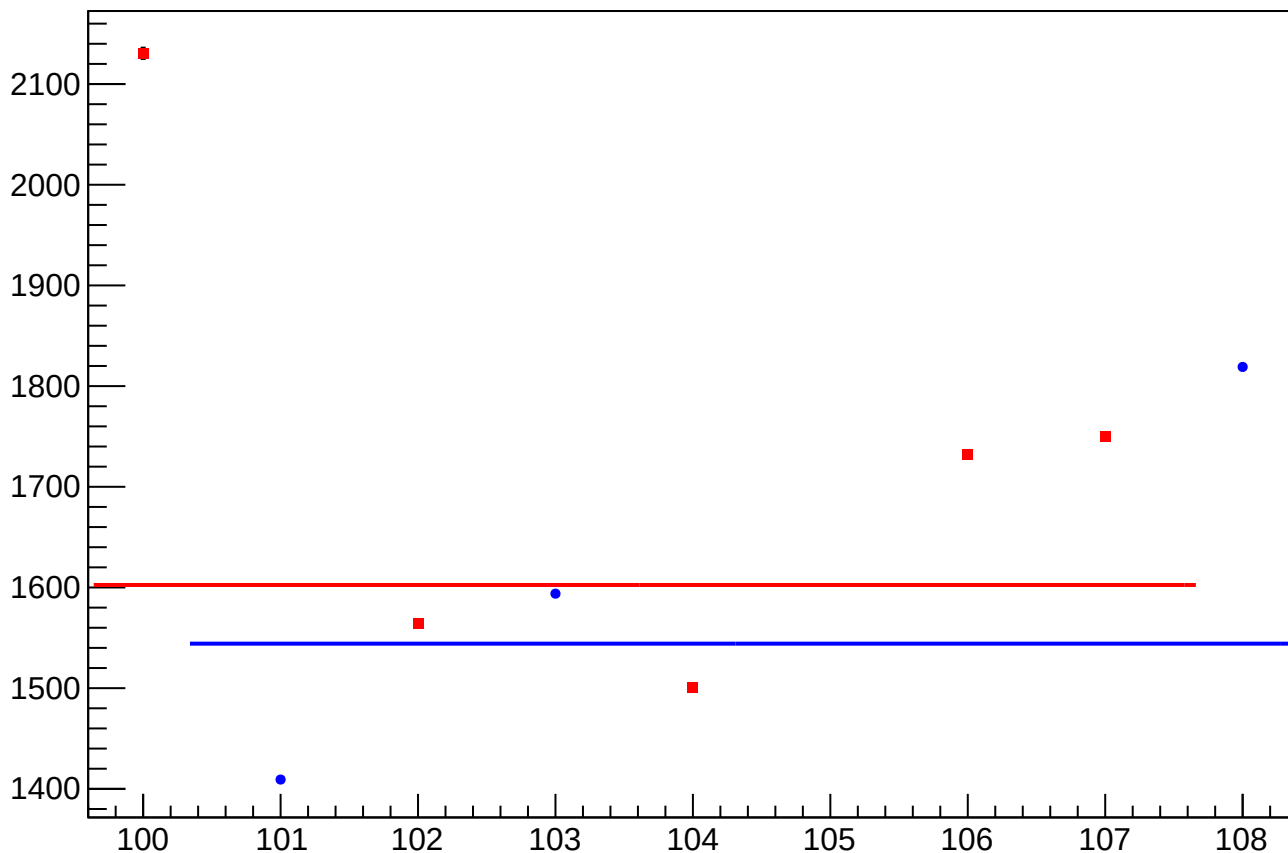
Right: 237.172+/-851.764 χ^2/NDF : 9.8/7

In: 1231.490+/-1206.526 χ^2/NDF : 4.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 237.172+/-851.764 χ^2/NDF : 9.8/7

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1544.215+/-0.853 χ^2/NDF : 31162.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1602.484+/-0.850 χ^2/NDF : 21229.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

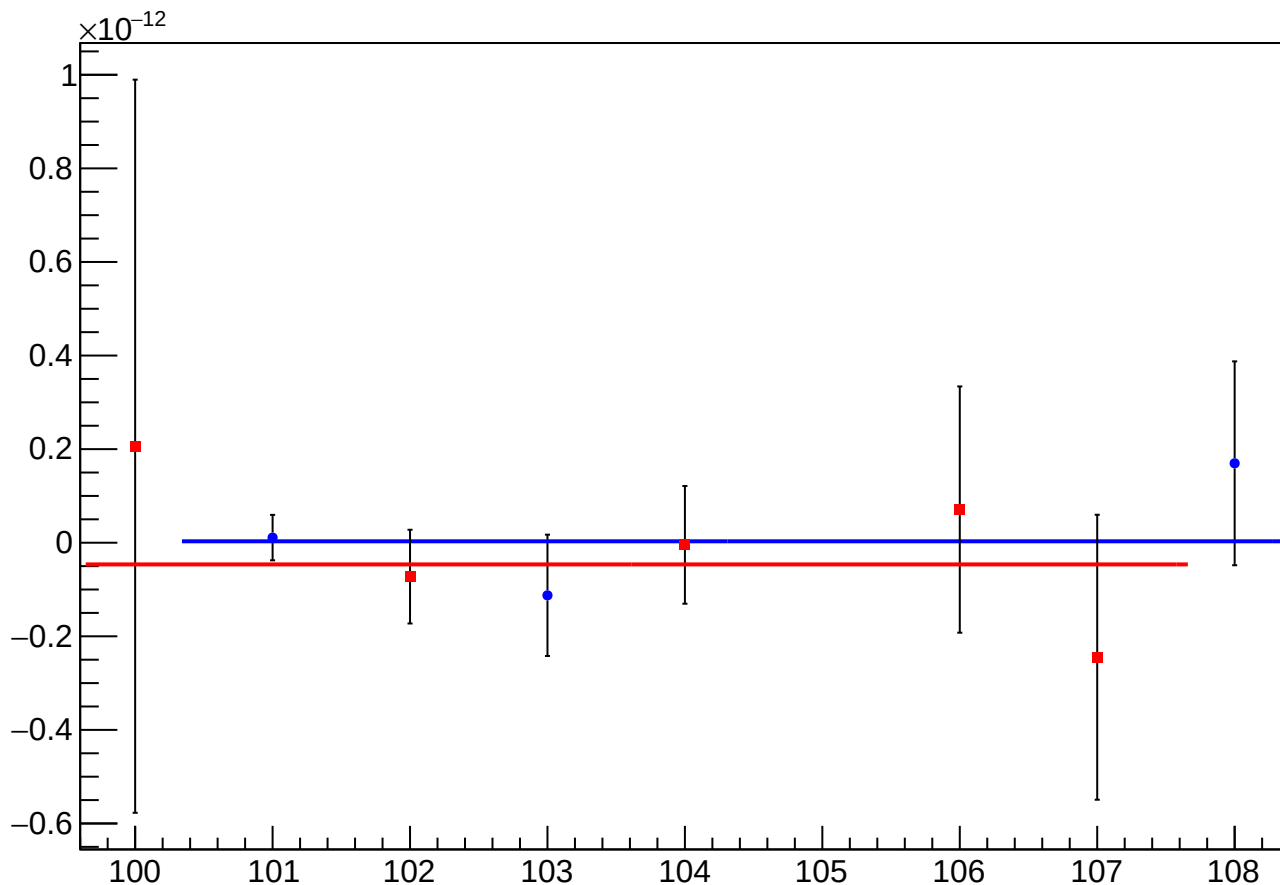
Right: 1573.443+/-0.602 χ^2/NDF : 54731.4/7

In: 1544.215+/-0.853 χ^2/NDF : 31162.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1573.443+/-0.602 χ^2/NDF : 54731.4/7

asym_sam_24_68_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 0.9/4

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

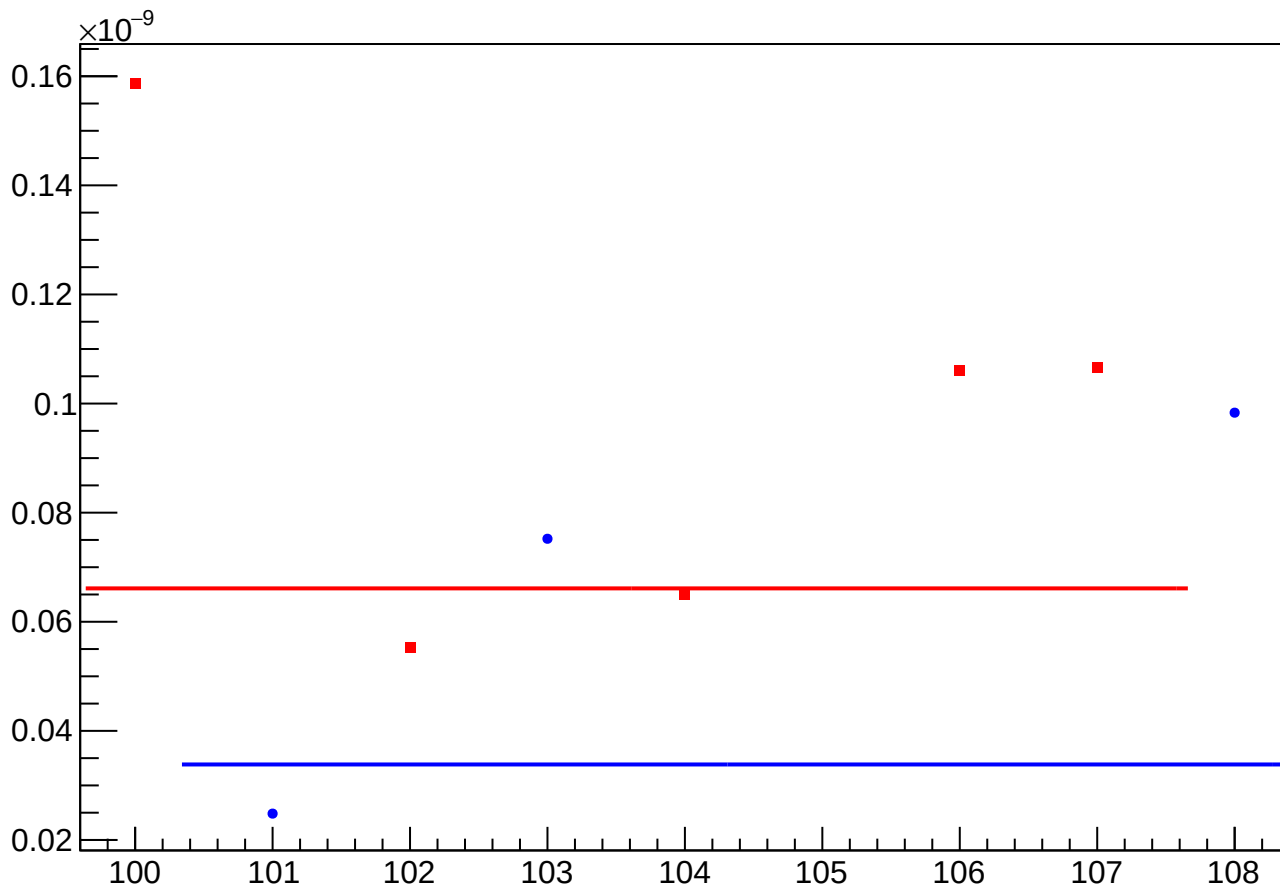
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.6/7

In: 0.000 $\pm$ 0.000 χ^2 /NDF:1.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.6/7

asym_sam_24_68_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 447803.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 133198.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

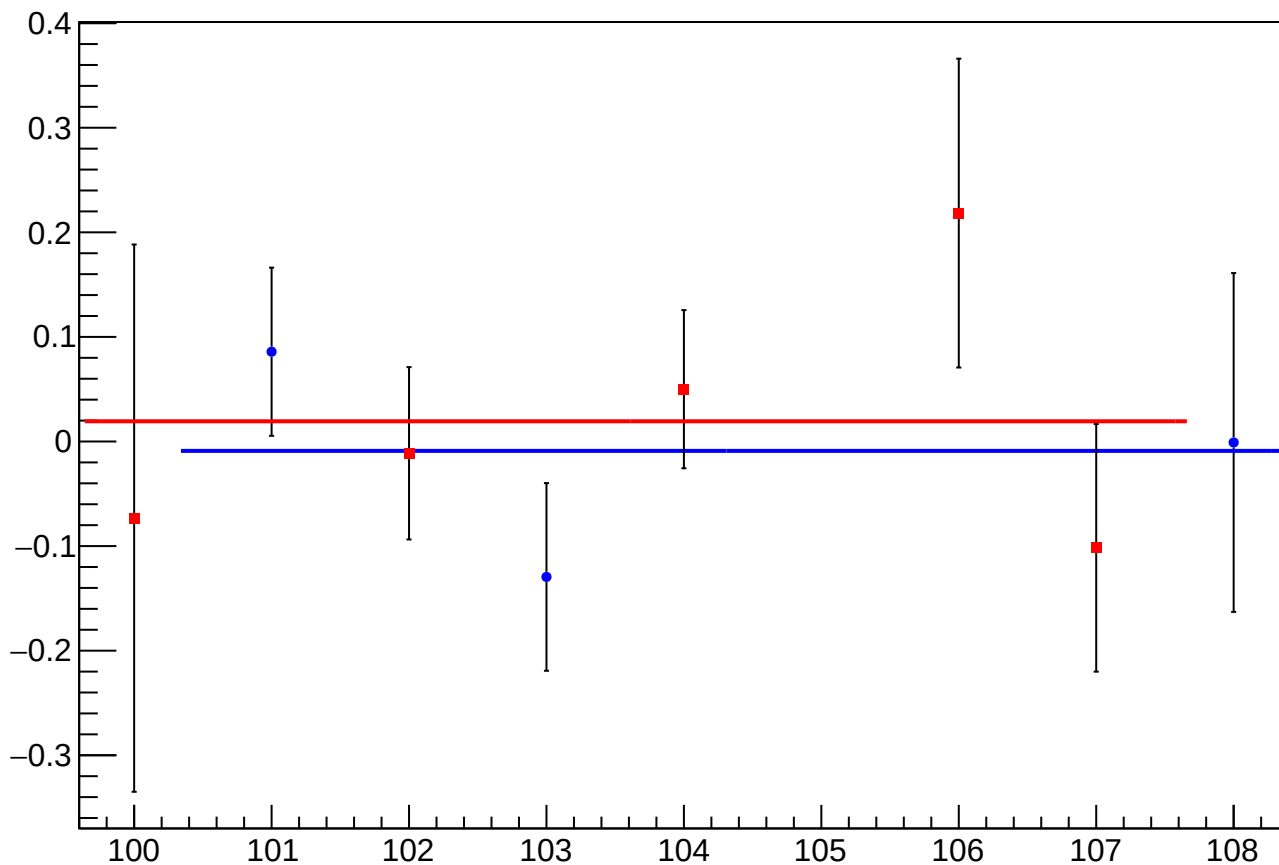
Right: 0.000+/-0.000 χ^2/NDF : 868349.4/7

In: 0.000+/-0.000 χ^2/NDF : 447803.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 868349.4/7

asym_sam_24_68_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009 $\pm$ 0.056 χ^2 /NDF: 3.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.019 $\pm$ 0.047 χ^2 /NDF: 3.3/4

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

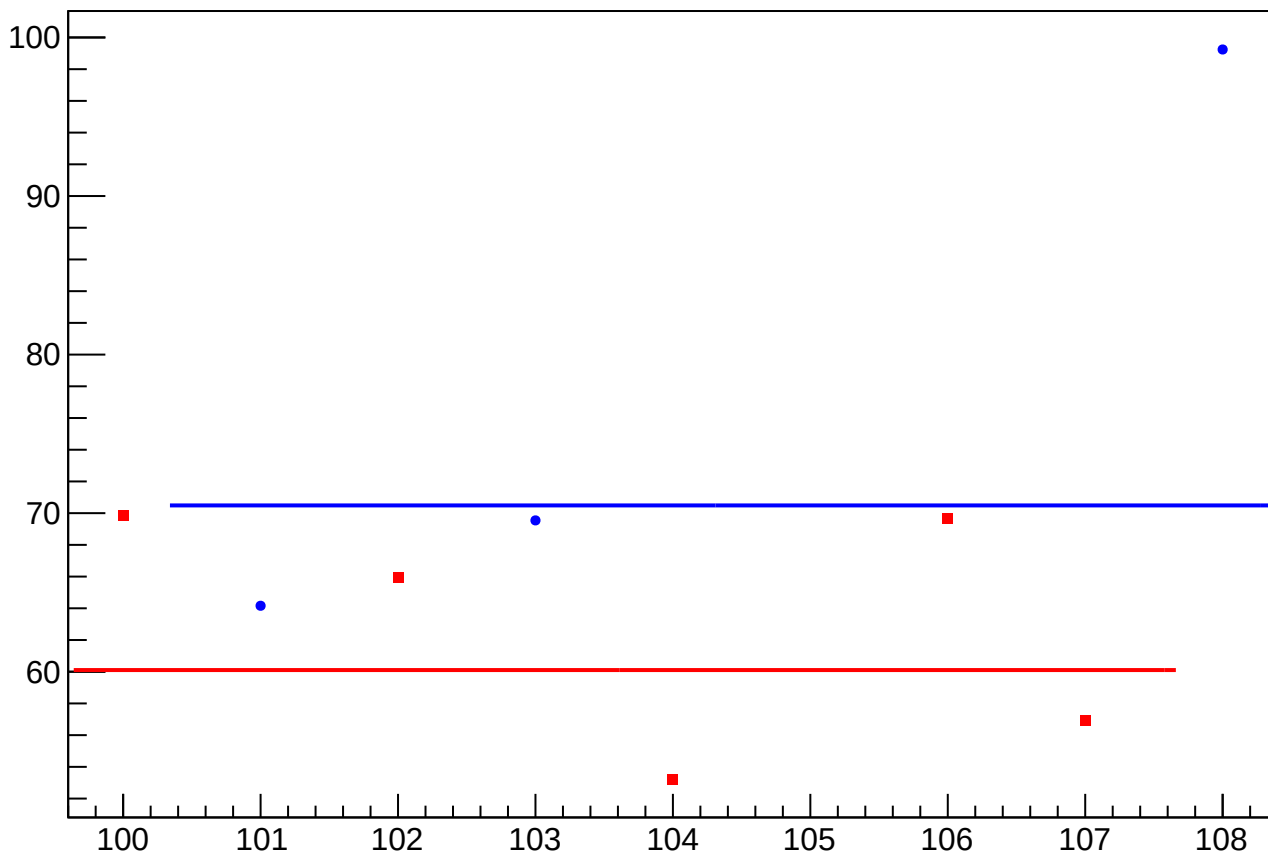
Right: 0.008 $\pm$ 0.036 χ^2 /NDF: 6.6/7

In: -0.009 $\pm$ 0.056 χ^2 /NDF:3.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.008 $\pm$ 0.036 χ^2 /NDF: 6.6/7

asym_sam_24_68_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.488+/-0.040 χ^2/NDF : 75635.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.105+/-0.033 χ^2/NDF : 39331.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

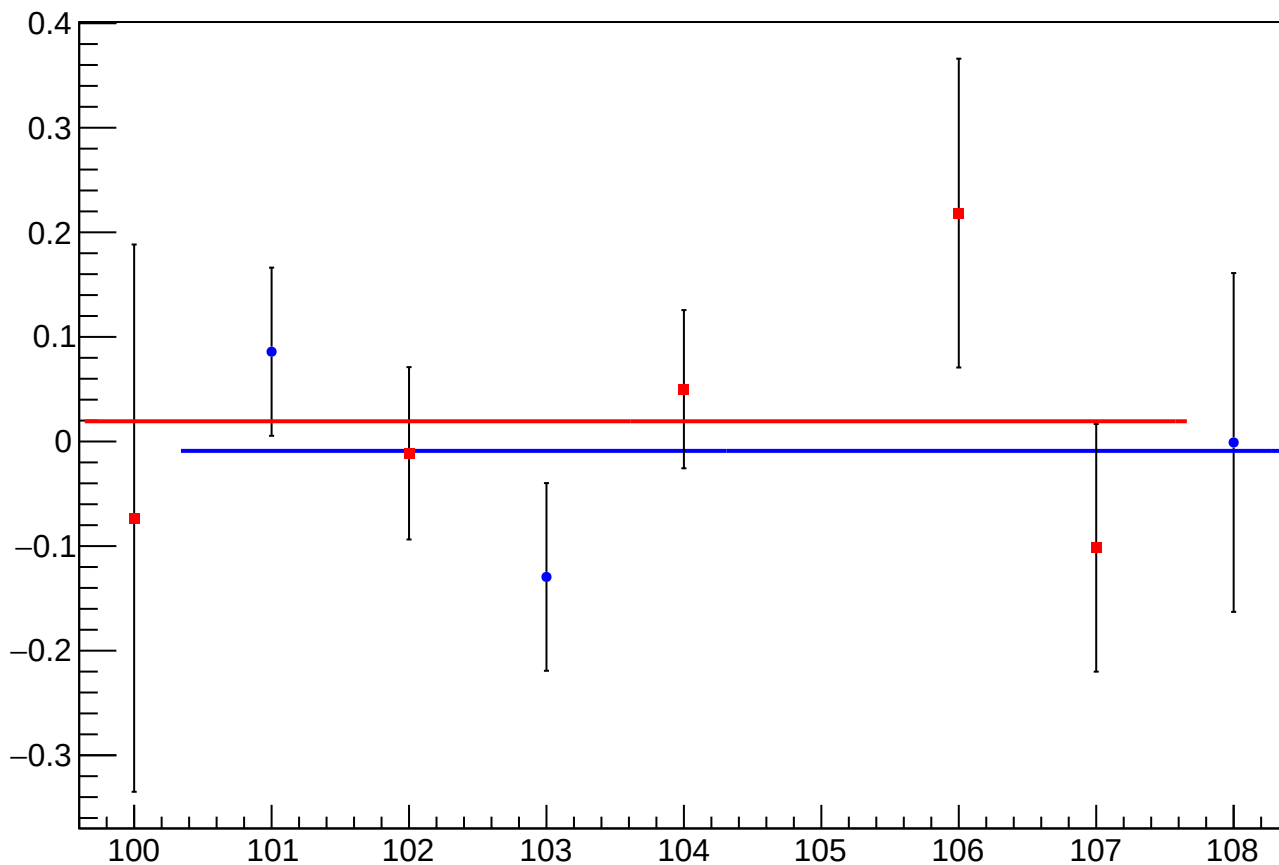
Right: 64.374+/-0.025 χ^2/NDF : 155210.3/7

In: 70.488+/-0.040 χ^2/NDF : 75635.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.374+/-0.025 χ^2/NDF : 155210.3/7

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009 $\pm$ 0.056 χ^2 /NDF: 3.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.019 $\pm$ 0.047 χ^2 /NDF: 3.3/4

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

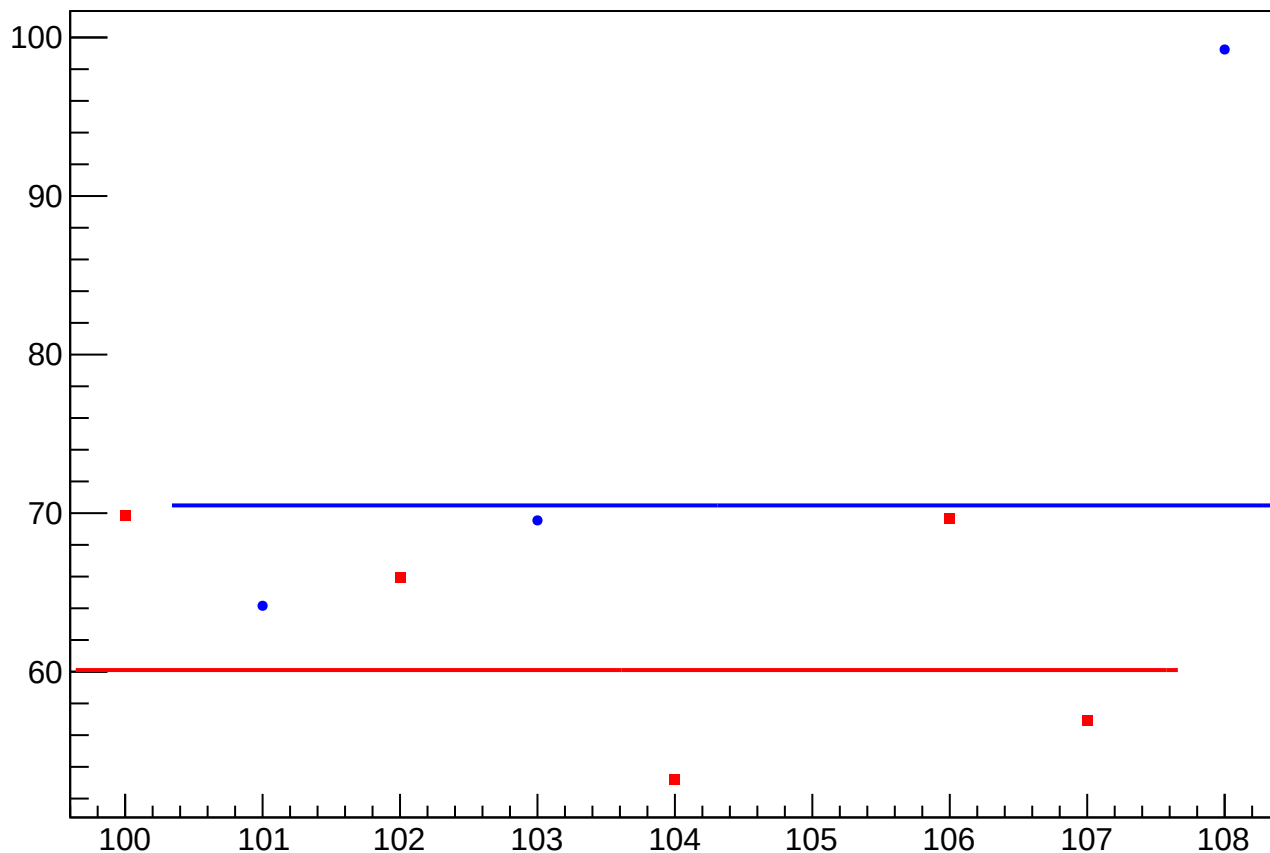
Right: 0.008 $\pm$ 0.036 χ^2 /NDF: 6.6/7

In: -0.009 $\pm$ 0.056 χ^2 /NDF:3.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.008 $\pm$ 0.036 χ^2 /NDF: 6.6/7

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.488+/-0.040 χ^2/NDF : 75635.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.105+/-0.033 χ^2/NDF : 39331.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

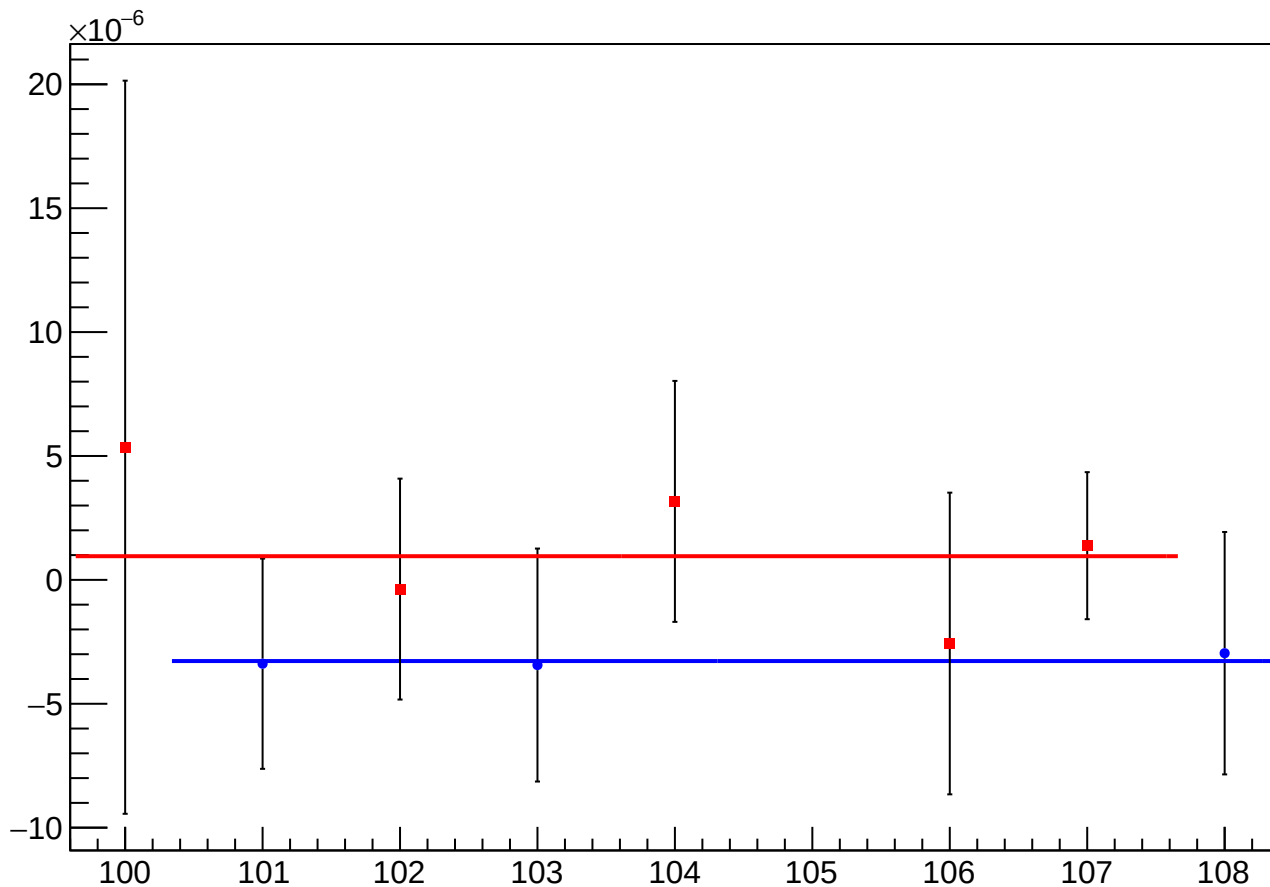
Right: 64.374+/-0.025 χ^2/NDF : 155210.3/7

In: 70.488+/-0.040 χ^2/NDF : 75635.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.374+/-0.025 χ^2/NDF : 155210.3/7

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

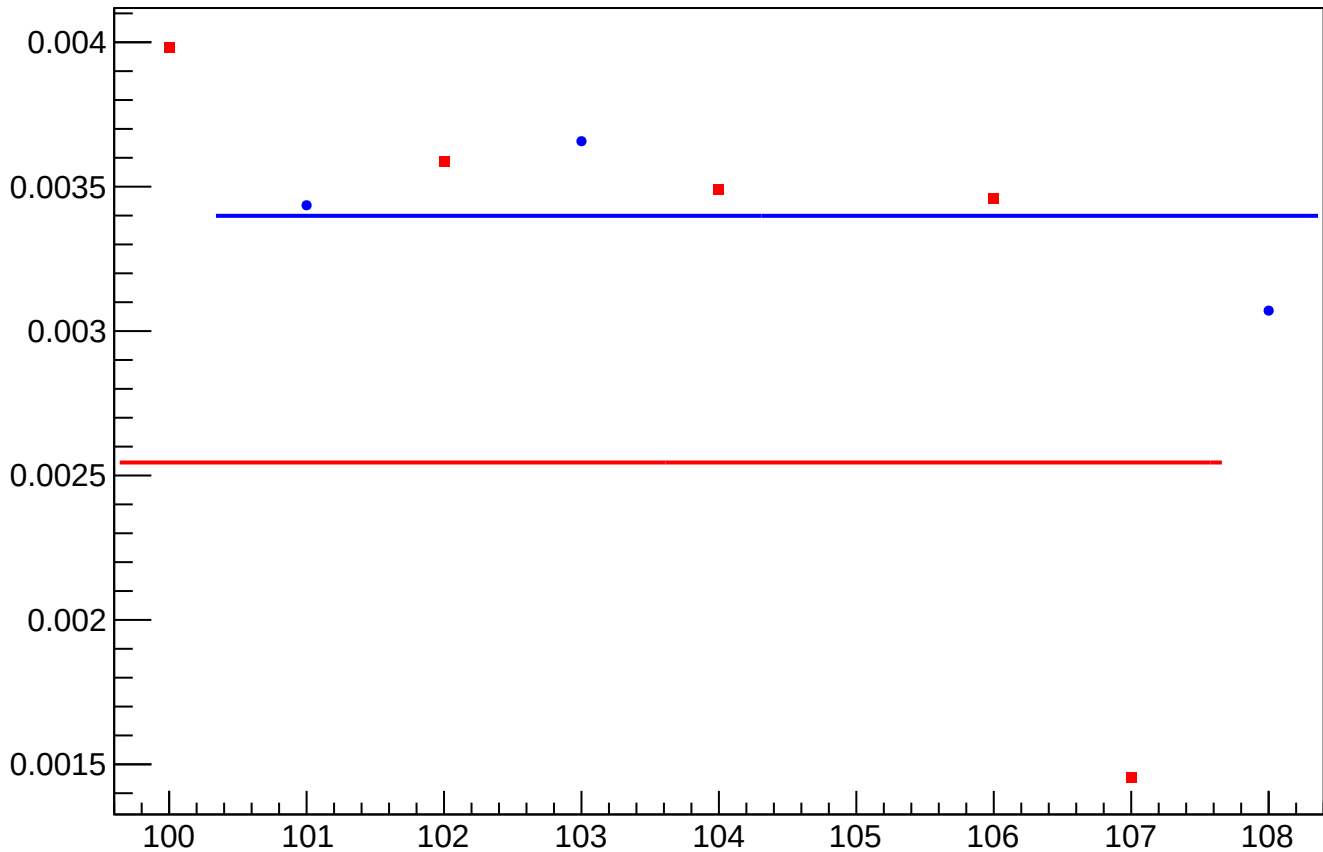
Right: -0.000+/-0.000 χ^2/NDF : 2.3/7

In: -0.000+/-0.000 χ^2/NDF : 0.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 2.3/7

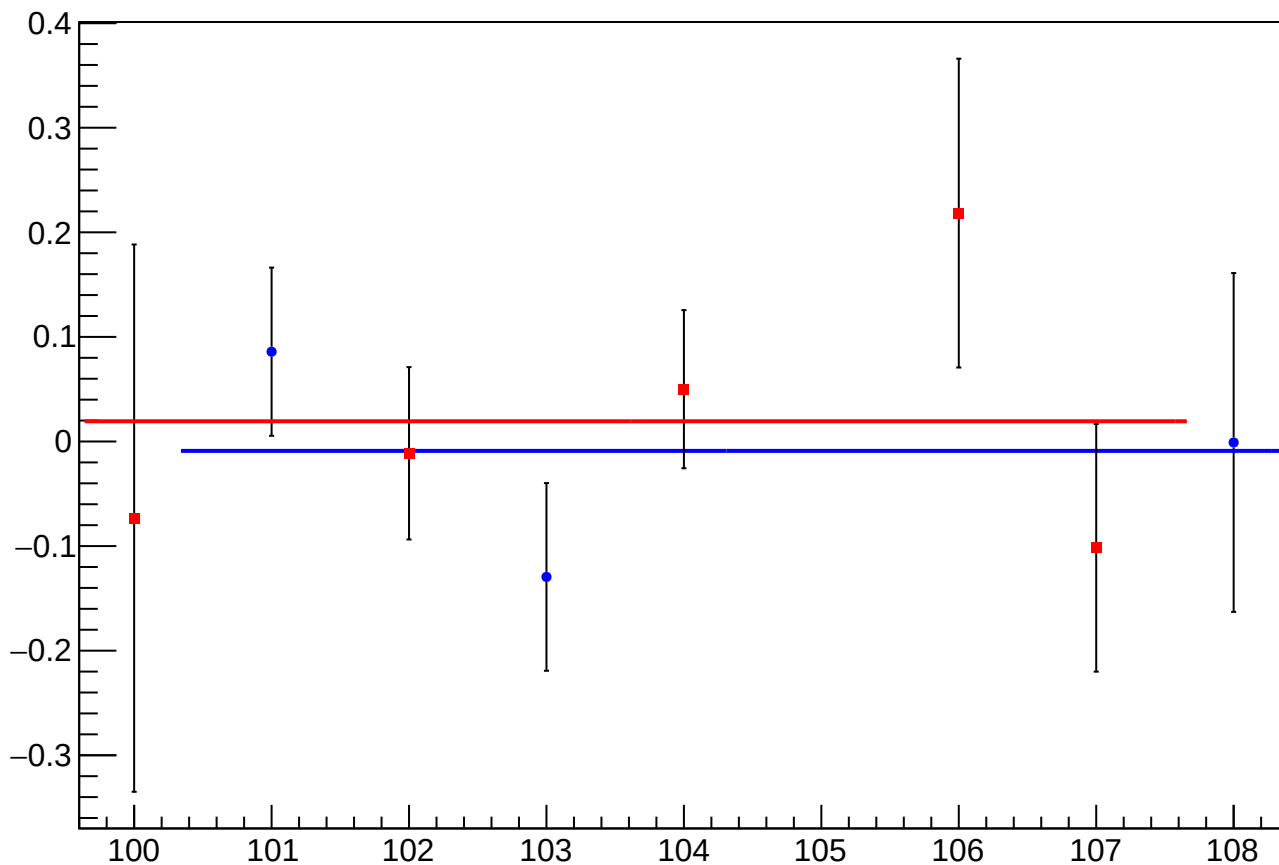
asym_sam_24_68_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 15192.8/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.003+/-0.000 χ^2/NDF : 518883.3/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.003+/-0.000 χ^2/NDF : 664105.6/7
 In: 0.003+/-0.000 χ^2/NDF : 15192.8/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.003+/-0.000 χ^2/NDF : 664105.6/7

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009 $\pm$ 0.056 χ^2 /NDF: 3.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.019 $\pm$ 0.047 χ^2 /NDF: 3.3/4

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

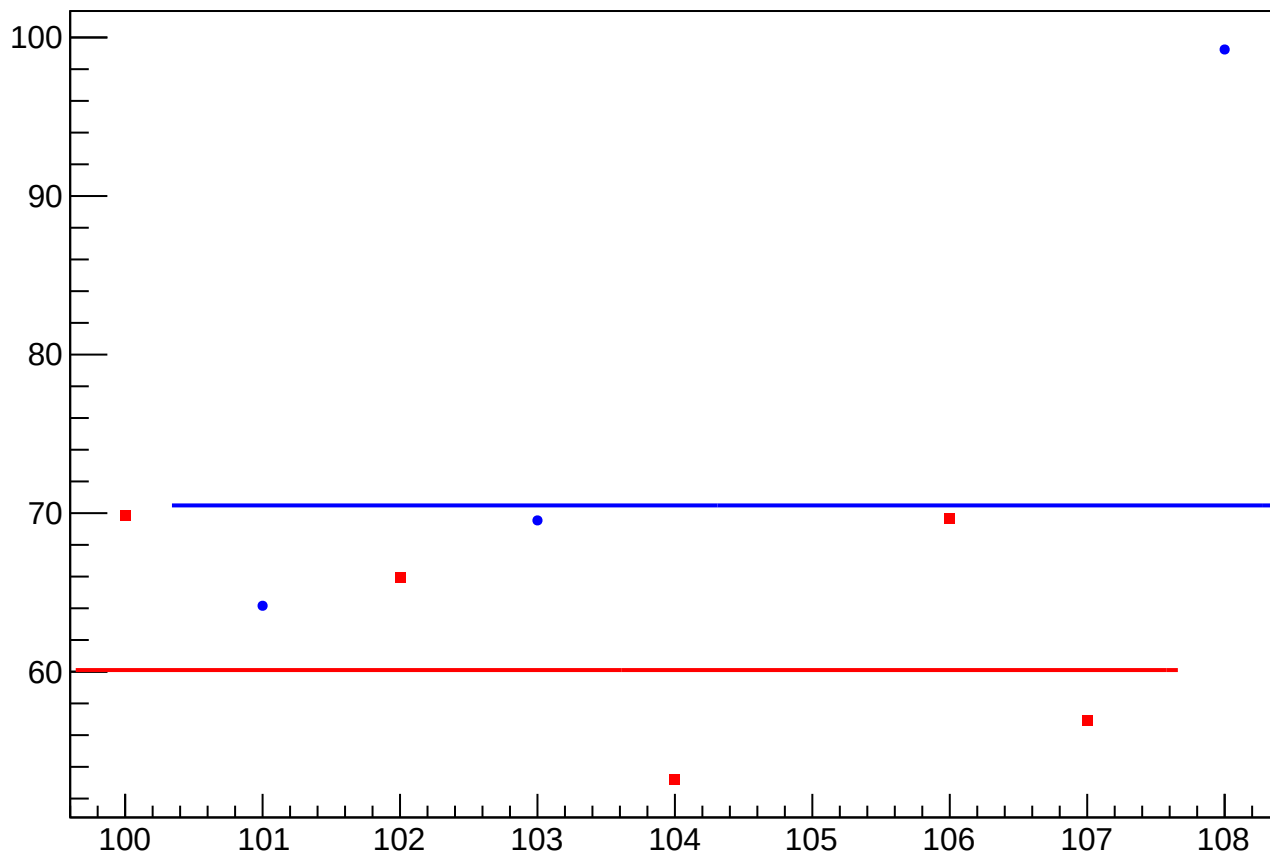
Right: 0.008 $\pm$ 0.036 χ^2 /NDF: 6.6/7

In: -0.009 $\pm$ 0.056 χ^2 /NDF:3.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.008 $\pm$ 0.036 χ^2 /NDF: 6.6/7

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.488 $\pm$ 0.040 χ^2 /NDF: 75635.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 60.104 $\pm$ 0.033 χ^2 /NDF: 39330.7/4

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

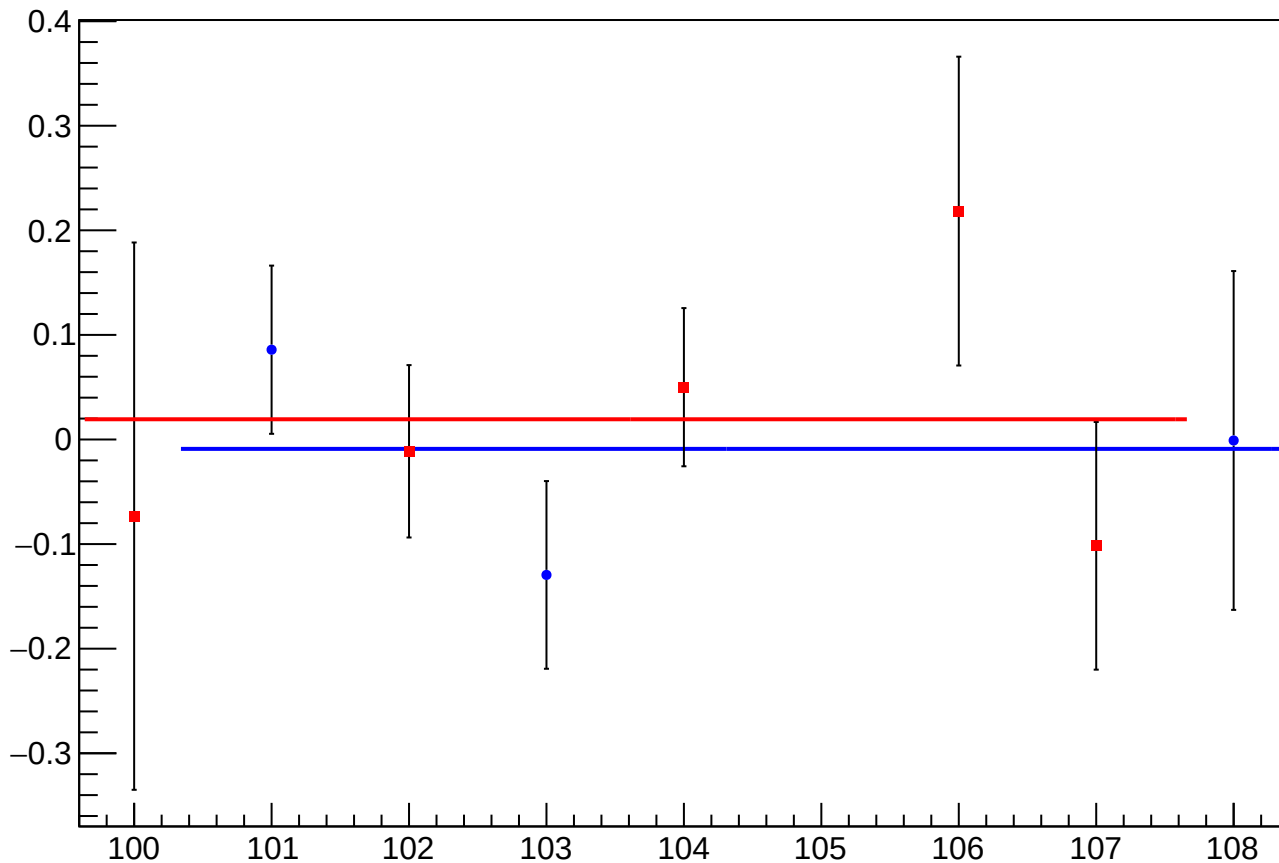
Right: 64.374 $\pm$ 0.025 χ^2 /NDF: 155211.9/7

In: 70.488 $\pm$ 0.040 χ^2 /NDF:75635.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 64.374 $\pm$ 0.025 χ^2 /NDF: 155211.9/7

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009 $\pm$ 0.056 χ^2 /NDF: 3.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.019 $\pm$ 0.047 χ^2 /NDF: 3.3/4

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

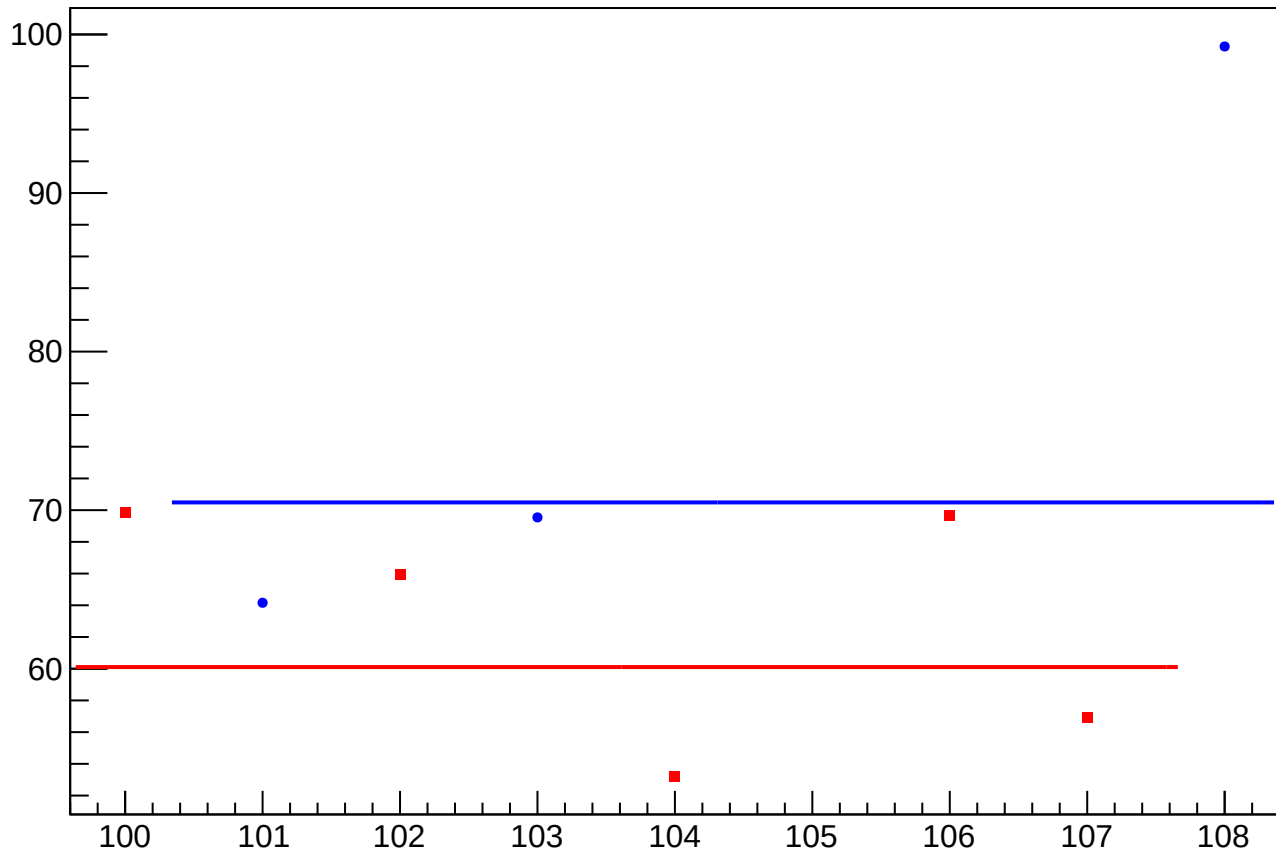
Right: 0.008 $\pm$ 0.036 χ^2 /NDF: 6.6/7

In: -0.009 $\pm$ 0.056 χ^2 /NDF:3.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.008 $\pm$ 0.036 χ^2 /NDF: 6.6/7

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.488 $\pm$ 0.040 χ^2 /NDF: 75635.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 60.104 $\pm$ 0.033 χ^2 /NDF: 39330.7/4

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

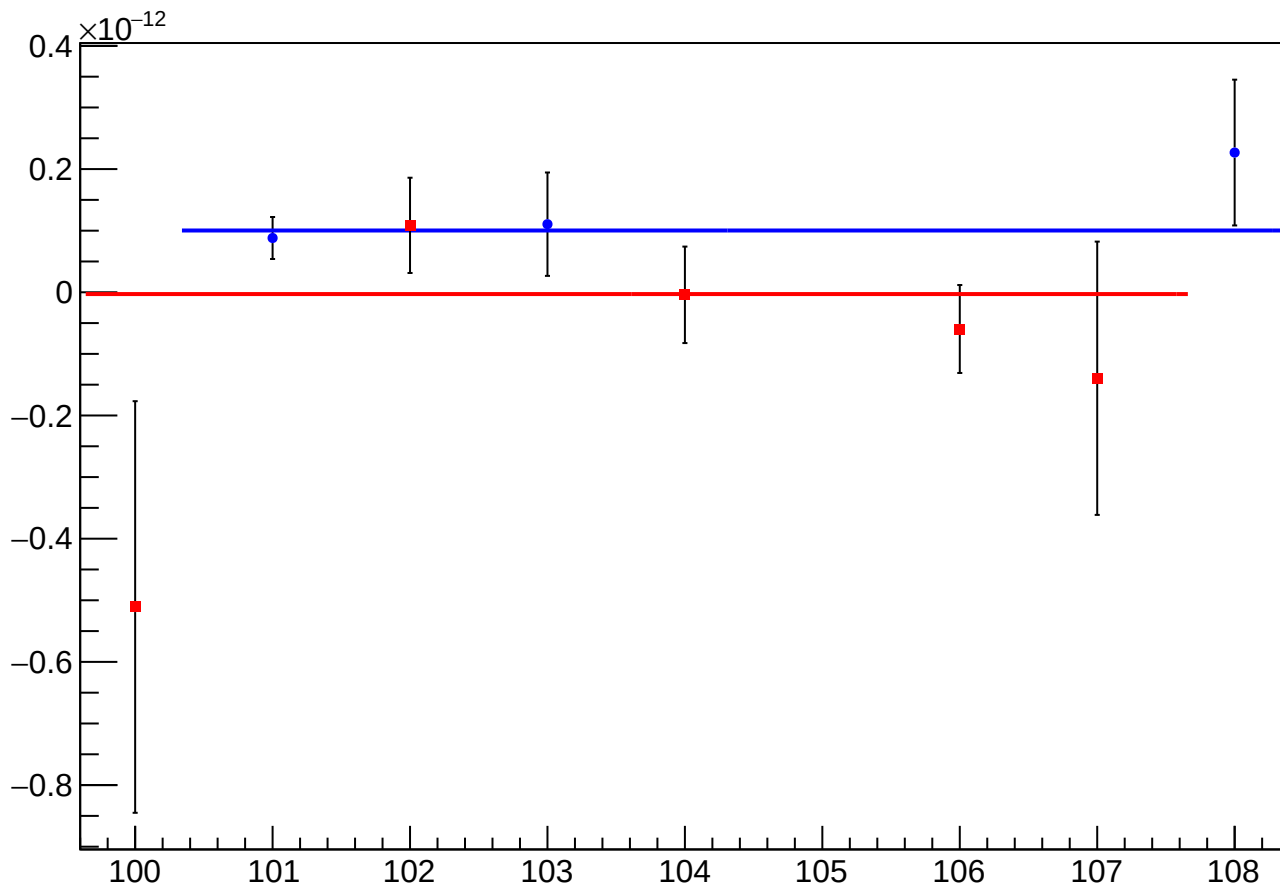
Right: 64.374 $\pm$ 0.025 χ^2 /NDF: 155211.9/7

In: 70.488 $\pm$ 0.040 χ^2 /NDF:75635.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 64.374 $\pm$ 0.025 χ^2 /NDF: 155211.9/7

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

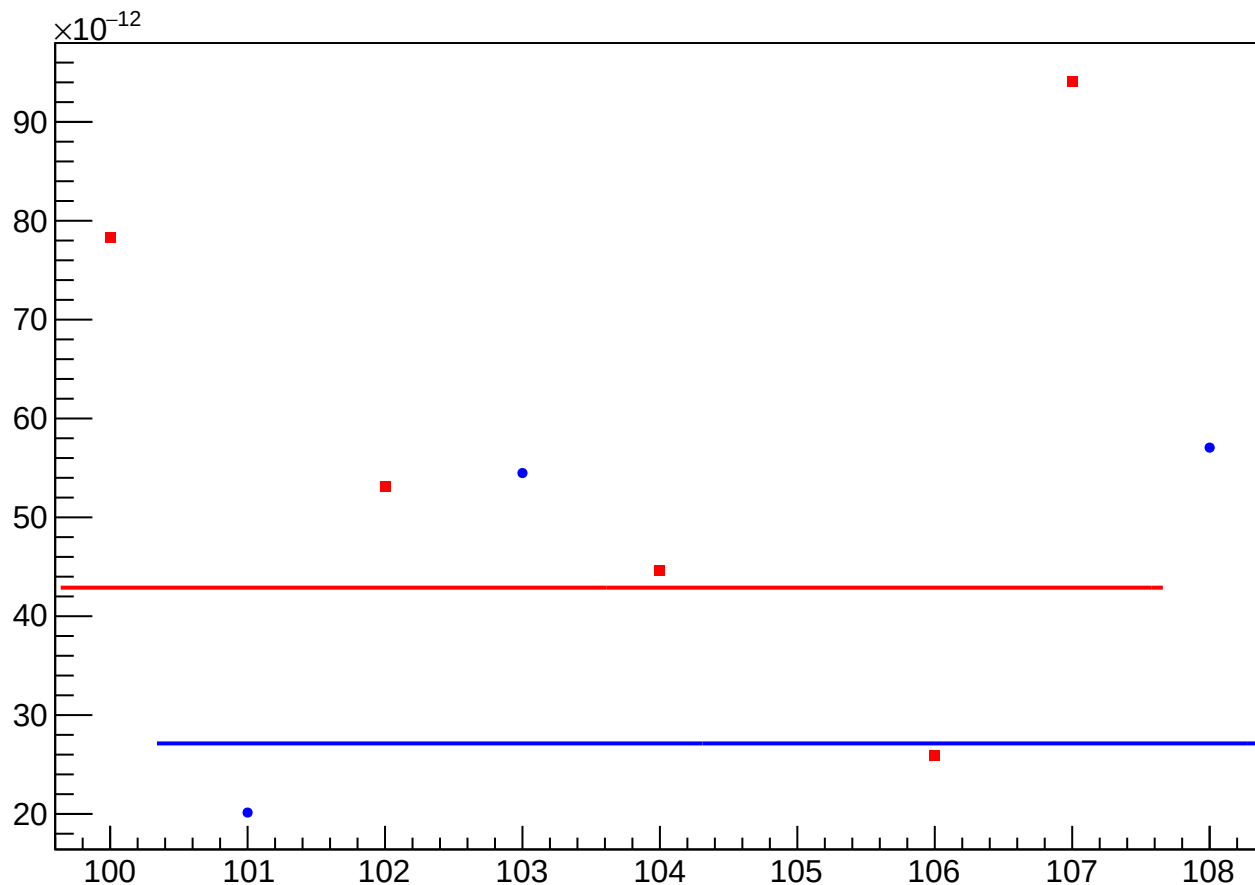
Right: 0.000+/-0.000 χ^2/NDF : 10.6/7

In: 0.000+/-0.000 χ^2/NDF : 1.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.6/7

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 424560.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 278347.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

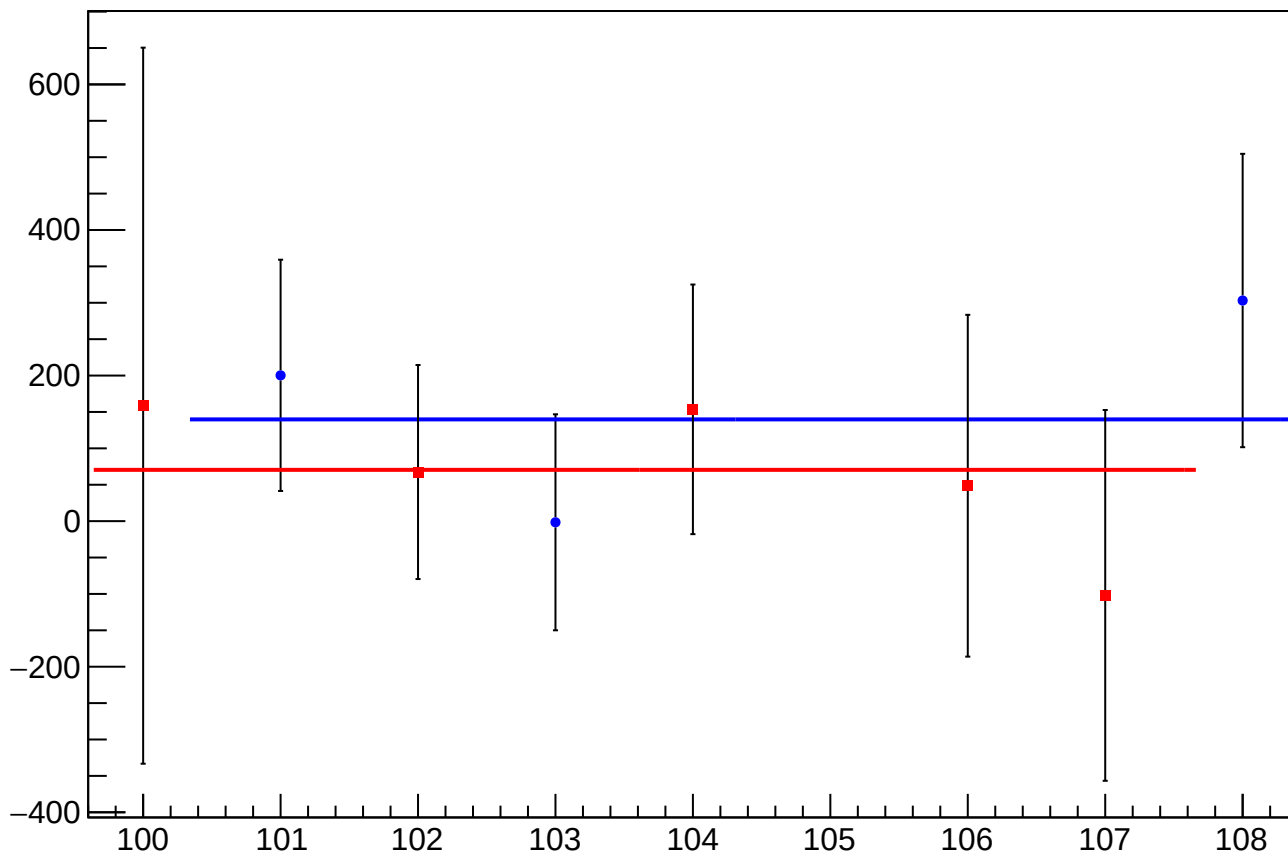
Right: 0.000+/-0.000 χ^2/NDF : 884798.1/7

In: 0.000+/-0.000 χ^2/NDF : 424560.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 884798.1/7

reg_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 139.773 $\pm$ 95.492 χ^2 /NDF: 1.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 70.456 $\pm$ 92.074 χ^2 /NDF: 0.7/4

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

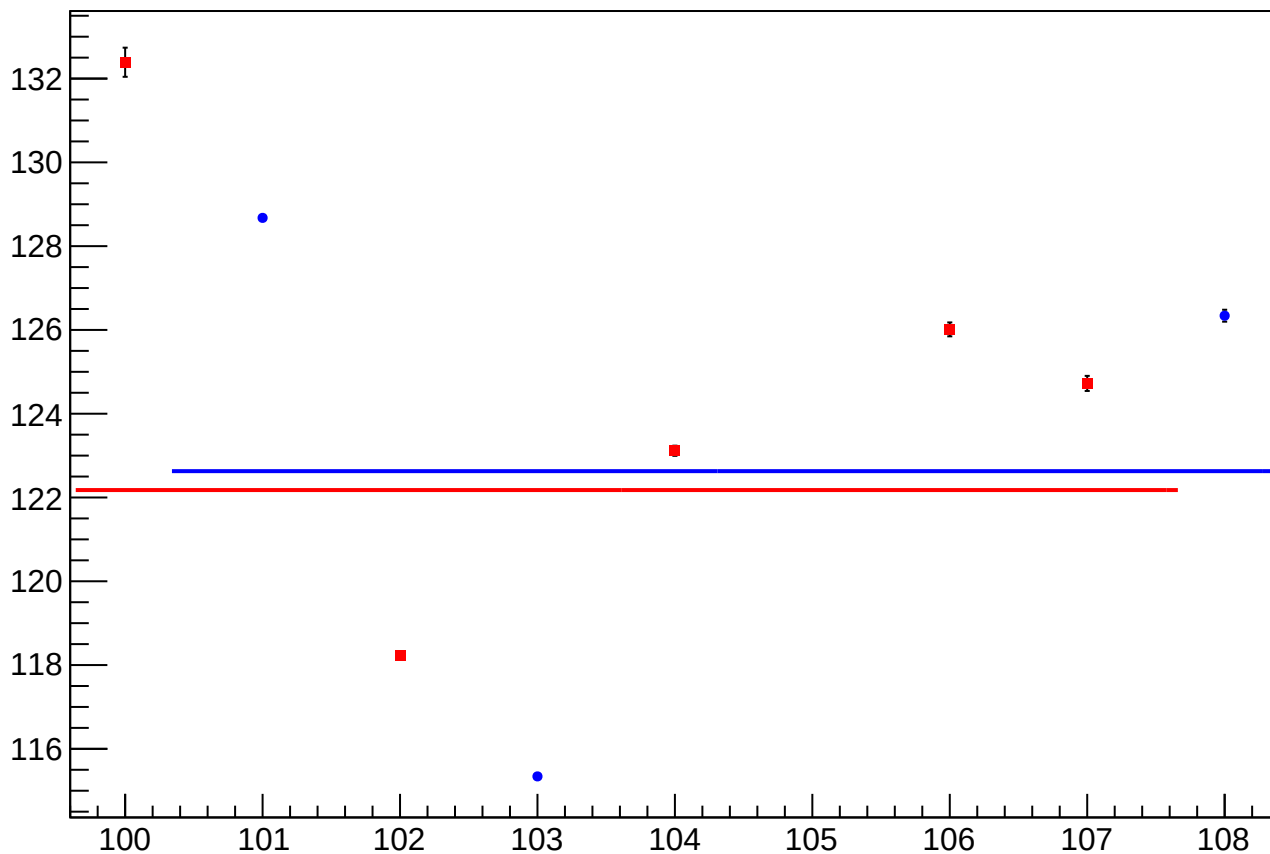
Right: 103.851 $\pm$ 66.282 χ^2 /NDF: 2.7/7

In: 139.773 $\pm$ 95.492 χ^2 /NDF: 1.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 103.851 $\pm$ 66.282 χ^2 /NDF: 2.7/7

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 122.629+/-0.068 χ^2/NDF : 8398.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.177+/-0.065 χ^2/NDF : 3102.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

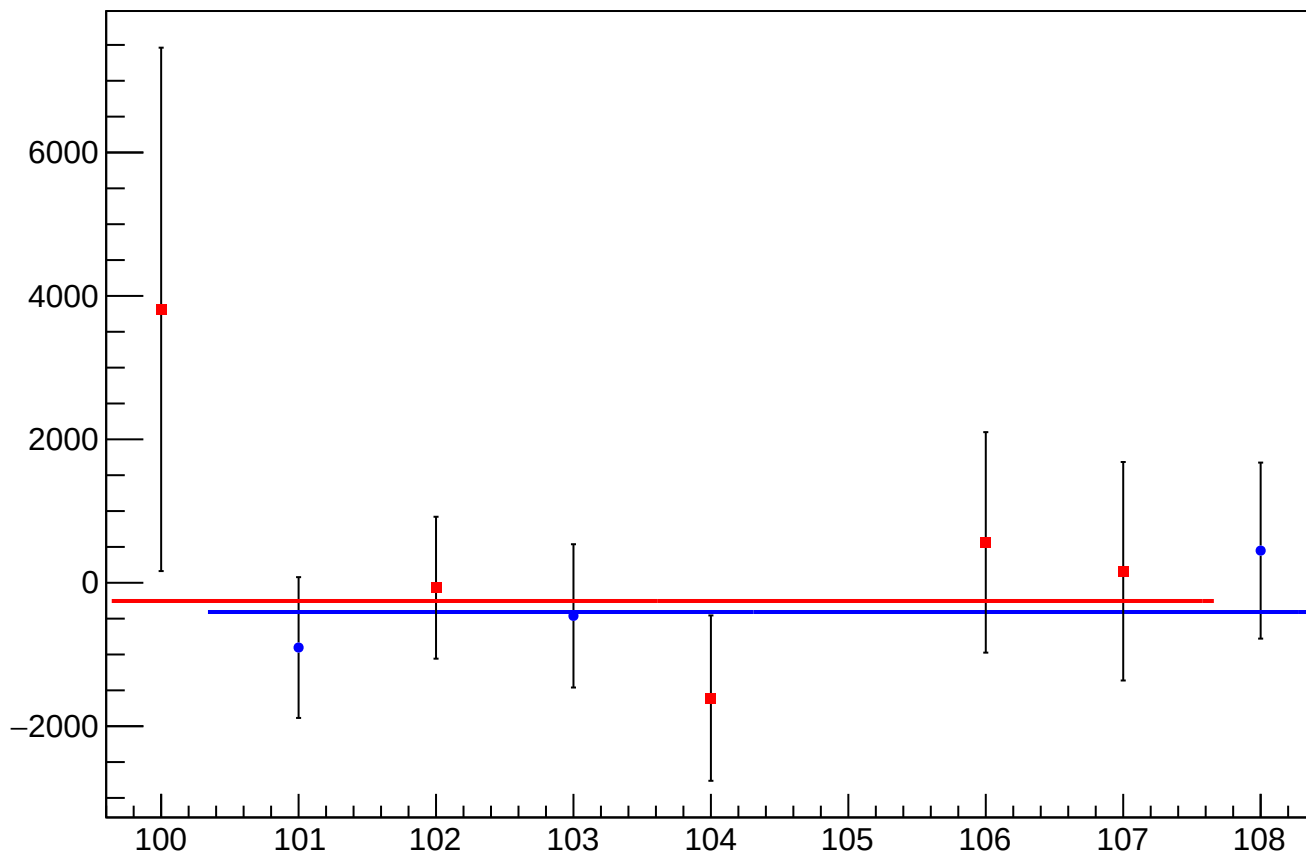
Right: 122.395+/-0.047 χ^2/NDF : 11523.9/7

In: 122.629+/-0.068 χ^2/NDF : 8398.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.395+/-0.047 χ^2/NDF : 11523.9/7

asym_sam_26_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -407.545+/-608.179 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -253.973+/-608.253 χ^2/NDF : 3.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

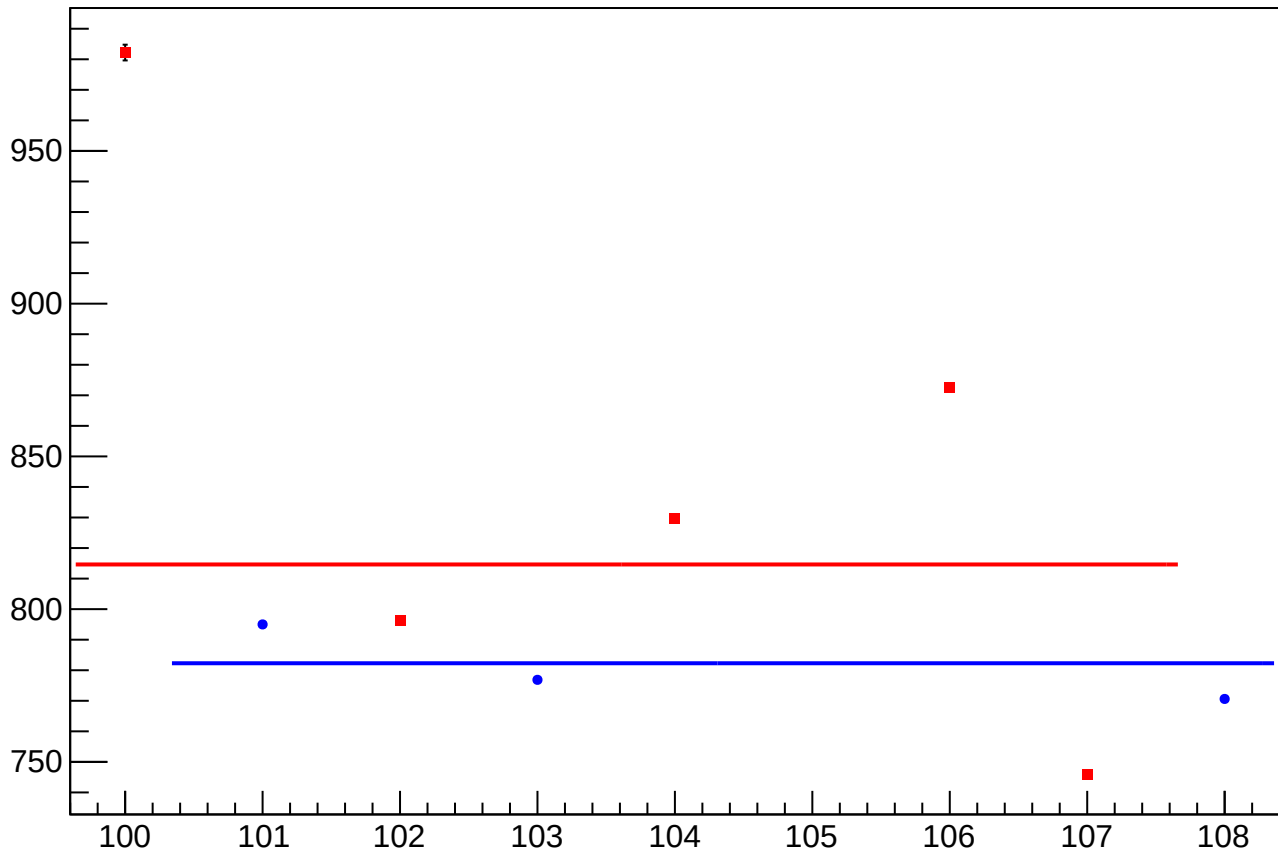
Right: -330.769+/-430.074 χ^2/NDF : 3.8/7

In: -407.545+/-608.179 χ^2/NDF : 0.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -330.769+/-430.074 χ^2/NDF : 3.8/7

asym_sam_26_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 782.289+/-0.430 χ^2/NDF : 575.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 814.627+/-0.430 χ^2/NDF : 12168.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

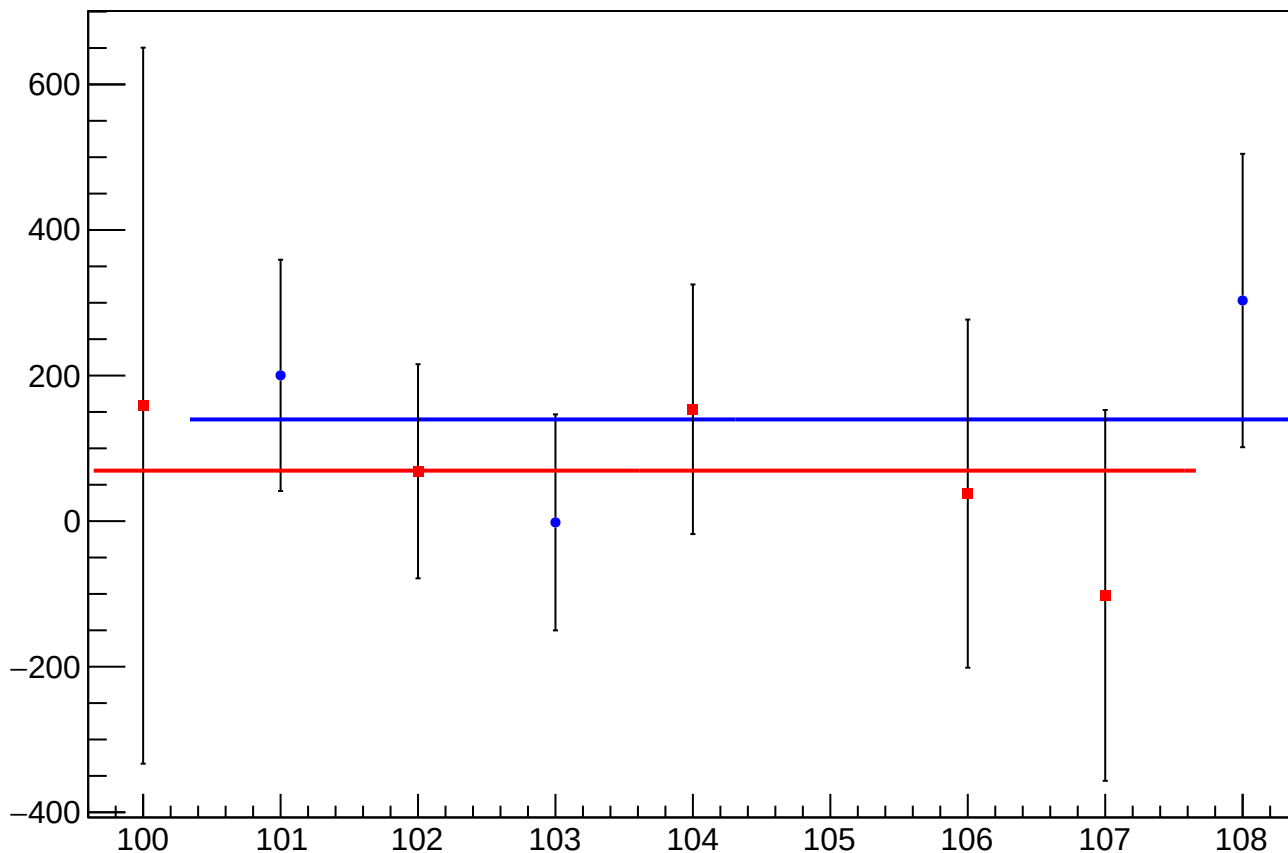
Right: 798.456+/-0.304 χ^2/NDF : 15571.4/7

In: 782.289+/-0.430 χ^2/NDF : 575.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 798.456+/-0.304 χ^2/NDF : 15571.4/7

cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 139.730 $\pm$ 95.492 χ^2 /NDF: 1.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 69.393 $\pm$ 92.342 χ^2 /NDF: 0.7/4

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

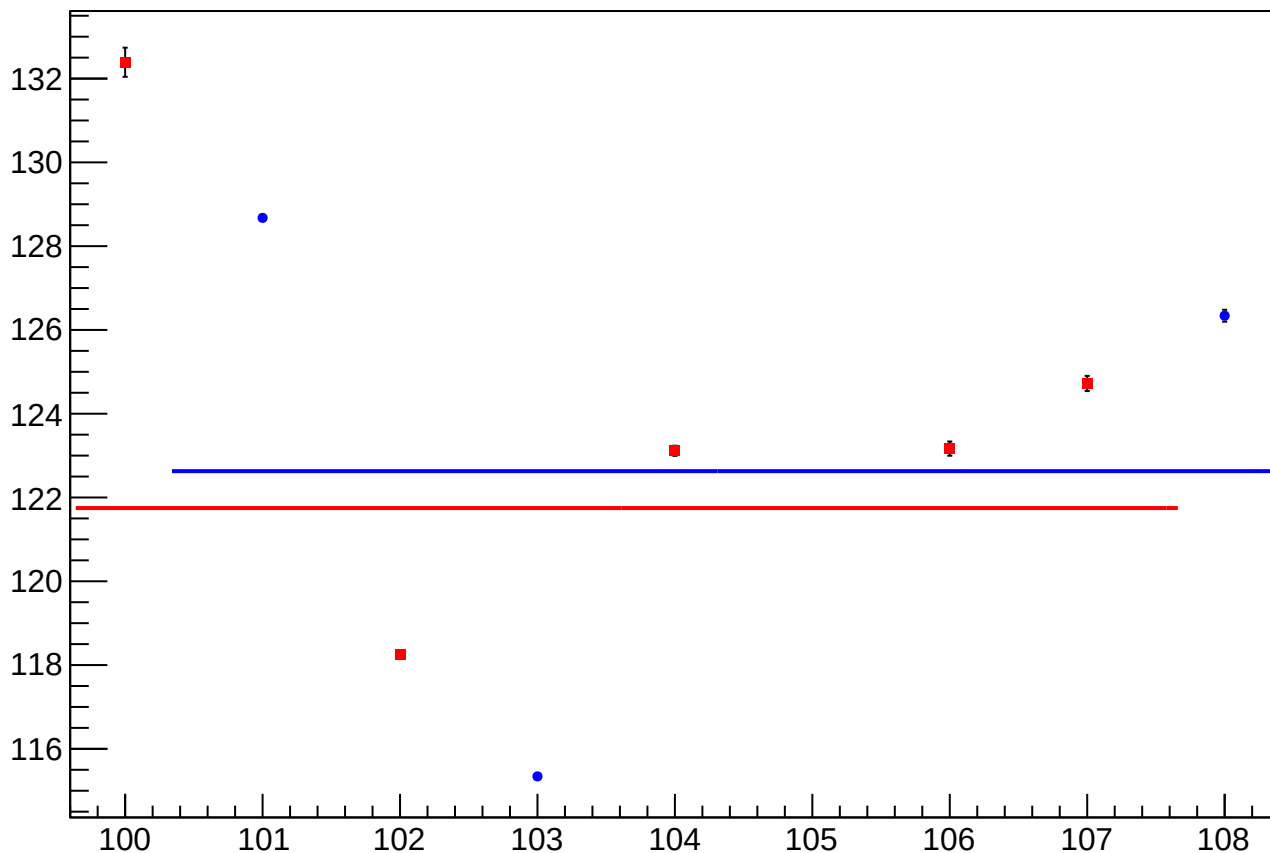
Right: 103.382 $\pm$ 66.381 χ^2 /NDF: 2.7/7

In: 139.730 $\pm$ 95.492 χ^2 /NDF: 1.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 103.382 $\pm$ 66.381 χ^2 /NDF: 2.7/7

cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 122.629 ± 0.068 $\chi^2/\text{NDF}: 8398.1/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 121.748 ± 0.065 $\chi^2/\text{NDF}: 2530.4/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

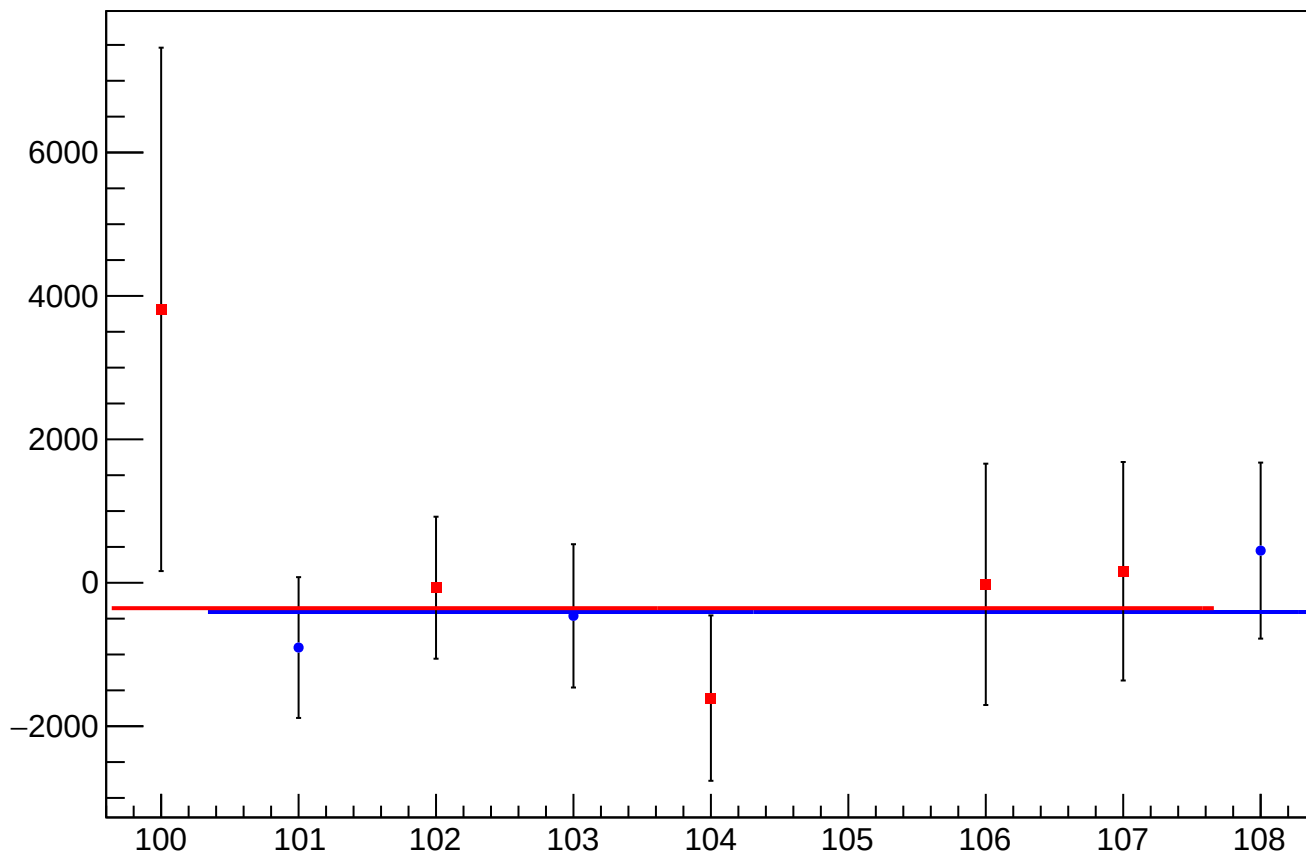
Right: 122.174 ± 0.047 $\chi^2/\text{NDF}: 11016.4/7$

In: 122.629 ± 0.068 $\chi^2/\text{NDF}: 8398.1/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 122.174 ± 0.047 $\chi^2/\text{NDF}: 11016.4/7$

asym_sam_26_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -407.471+/-608.186 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -354.147+/-616.423 χ^2/NDF : 2.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

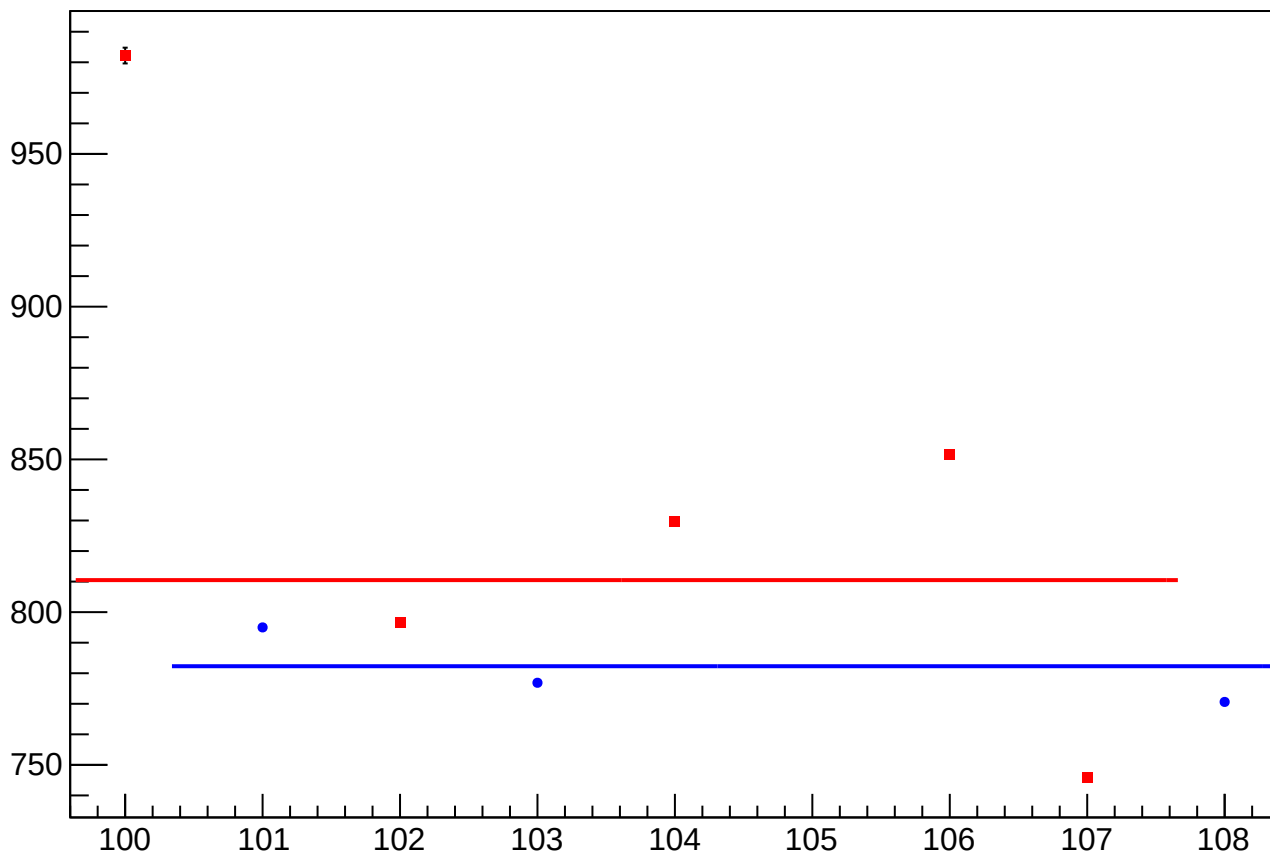
Right: -381.168+/-432.935 χ^2/NDF : 3.5/7

In: -407.471+/-608.186 χ^2/NDF : 0.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -381.168+/-432.935 χ^2/NDF : 3.5/7

asym_sam_26_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 782.297+/-0.430 χ^2/NDF : 575.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 810.487+/-0.436 χ^2/NDF : 10164.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

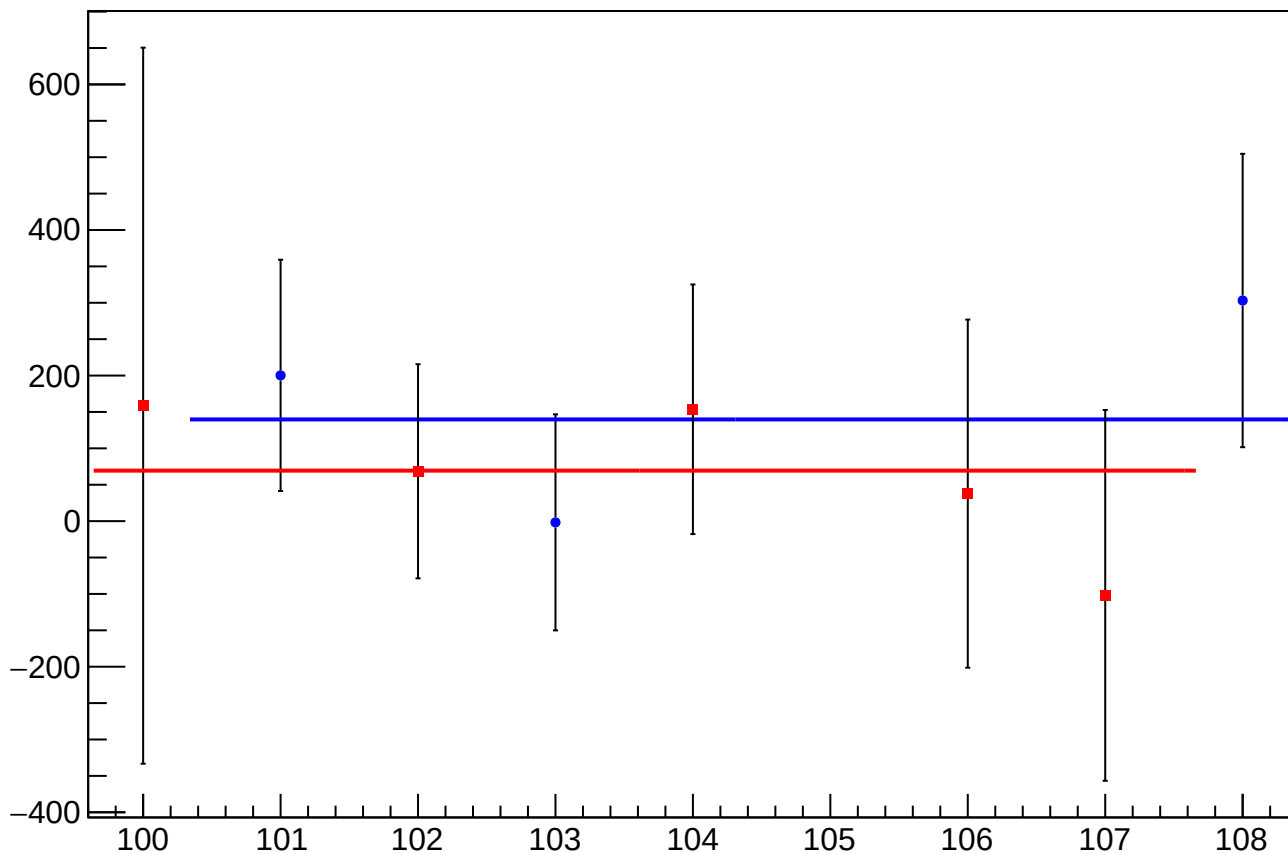
Right: 796.202+/-0.306 χ^2/NDF : 12859.0/7

In: 782.297+/-0.430 χ^2/NDF : 575.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 796.202+/-0.306 χ^2/NDF : 12859.0/7

eigen_cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 139.730 $\pm$ 95.492 χ^2 /NDF: 1.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 69.393 $\pm$ 92.342 χ^2 /NDF: 0.7/4

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

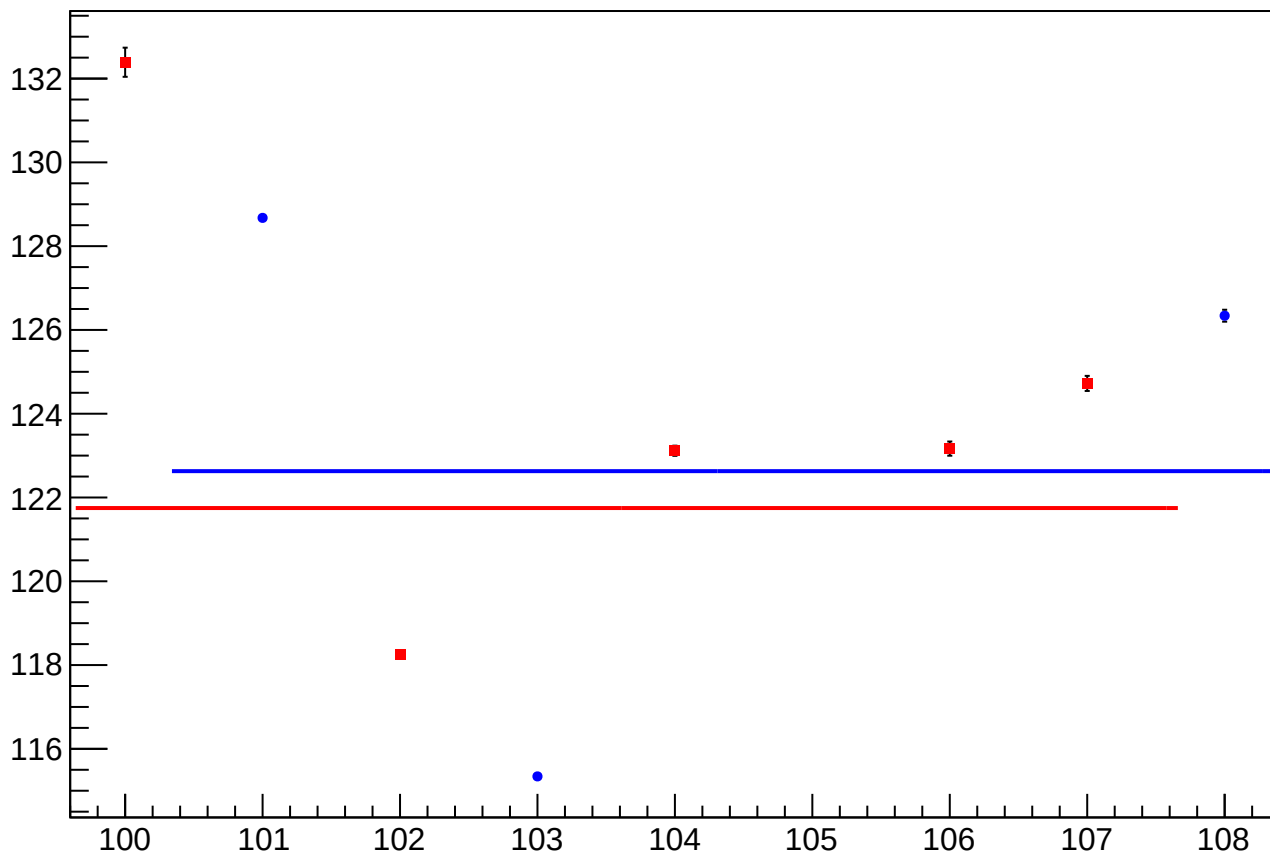
Right: 103.382 $\pm$ 66.381 χ^2 /NDF: 2.7/7

In: 139.730 $\pm$ 95.492 χ^2 /NDF:1.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 103.382 $\pm$ 66.381 χ^2 /NDF: 2.7/7

eigen_cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 122.629+/-0.068 χ^2/NDF : 8398.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.748+/-0.065 χ^2/NDF : 2530.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

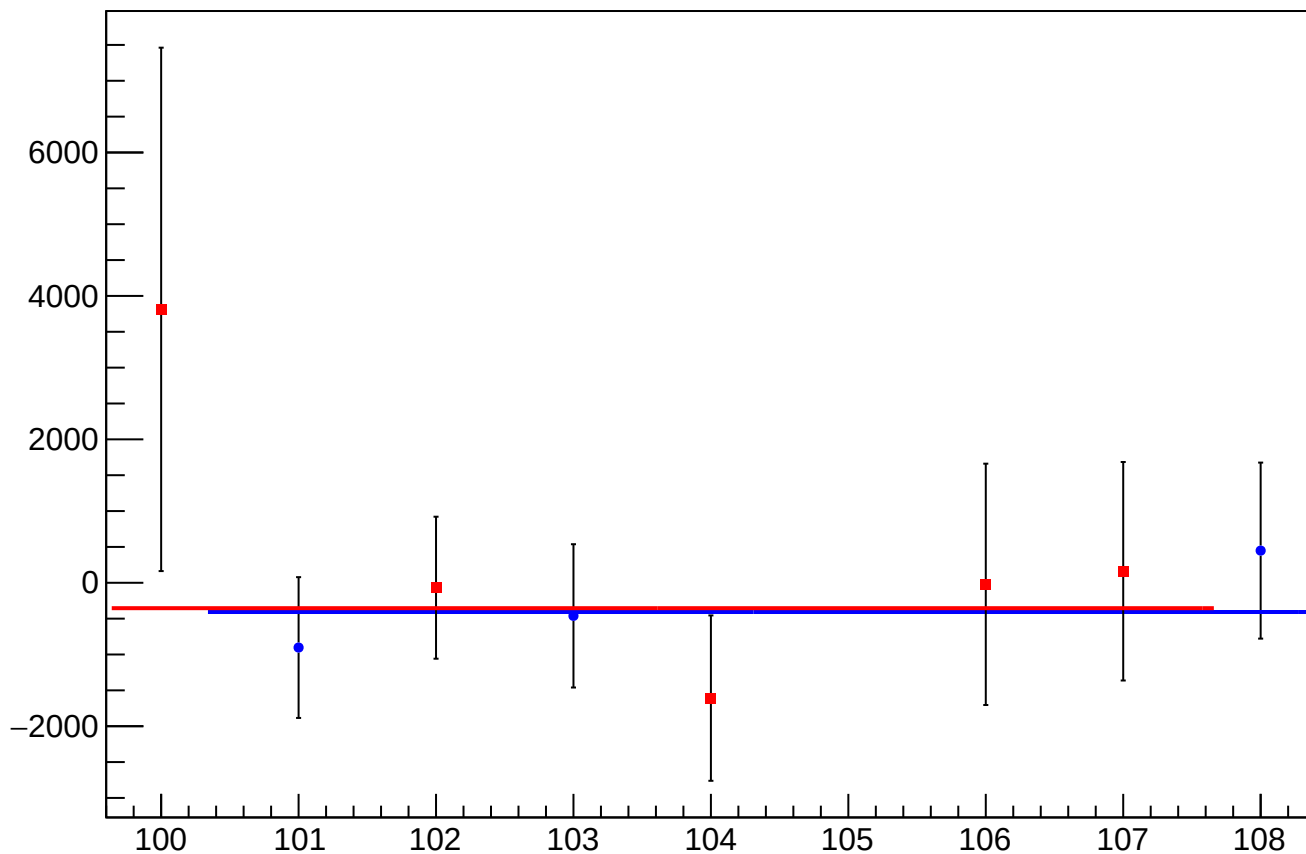
Right: 122.174+/-0.047 χ^2/NDF : 11016.4/7

In: 122.629+/-0.068 χ^2/NDF : 8398.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.174+/-0.047 χ^2/NDF : 11016.4/7

asym_sam_26_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -407.471+/-608.186 χ^2 /NDF: 0.7/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -354.147+/-616.423 χ^2 /NDF: 2.7/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

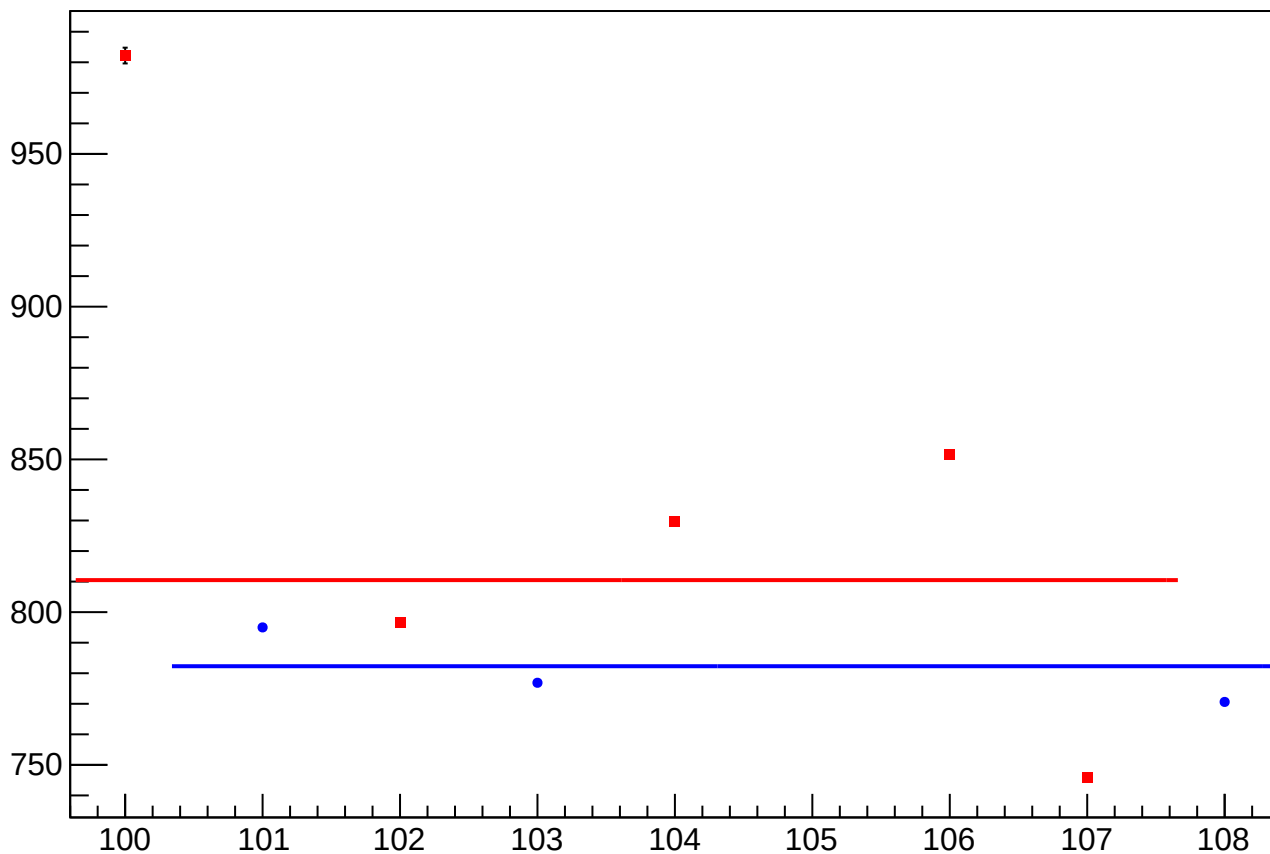
Right: -381.168+/-432.935 χ^2 /NDF: 3.5/7

In: -407.471+/-608.186 χ^2 /NDF:0.7/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -381.168+/-432.935 χ^2 /NDF: 3.5/7

asym_sam_26_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 782.297+/-0.430 χ^2/NDF : 575.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 810.487+/-0.436 χ^2/NDF : 10164.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

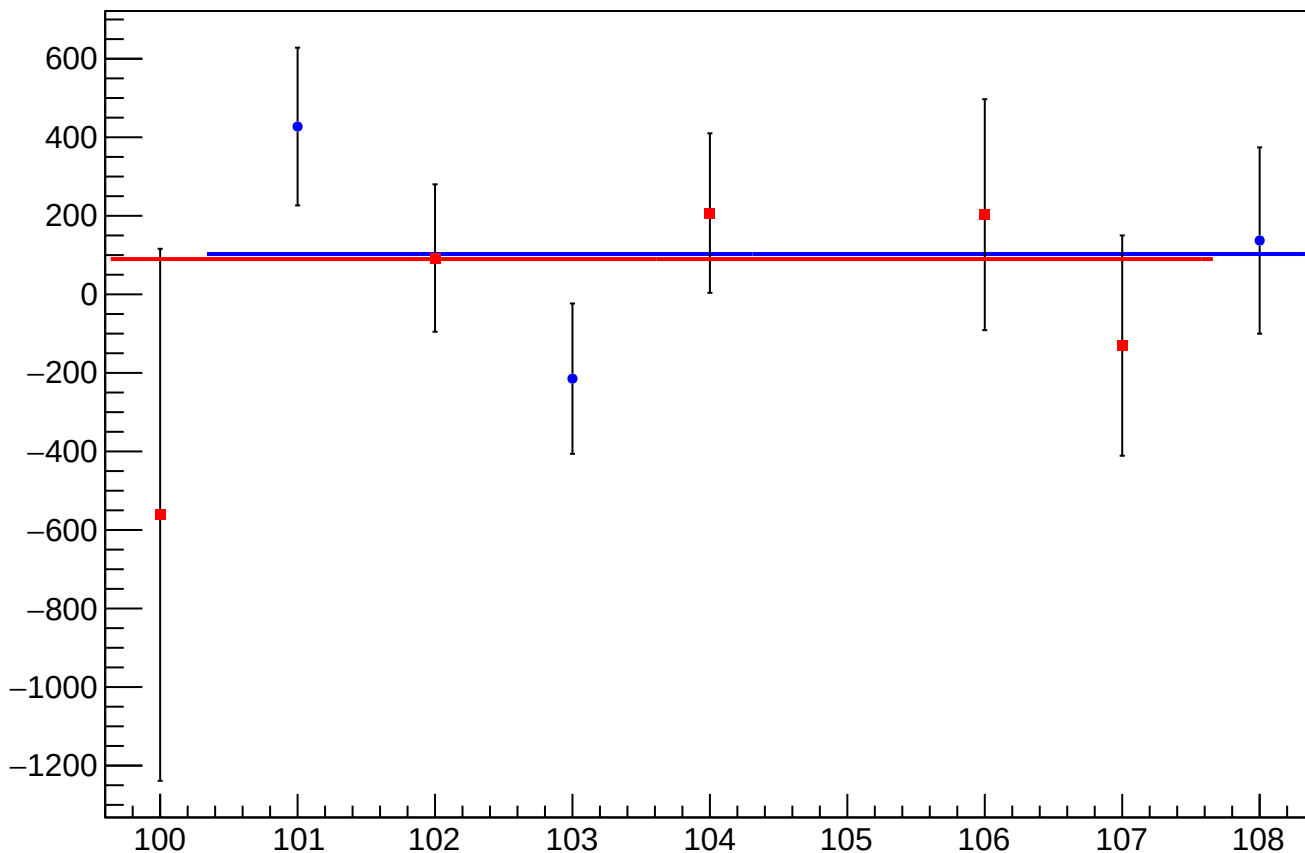
Right: 796.202+/-0.306 χ^2/NDF : 12859.0/7

In: 782.297+/-0.430 χ^2/NDF : 575.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 796.202+/-0.306 χ^2/NDF : 12859.0/7

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 102.751+/-119.664 χ^2/NDF : 5.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.910+/-112.452 χ^2/NDF : 2.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

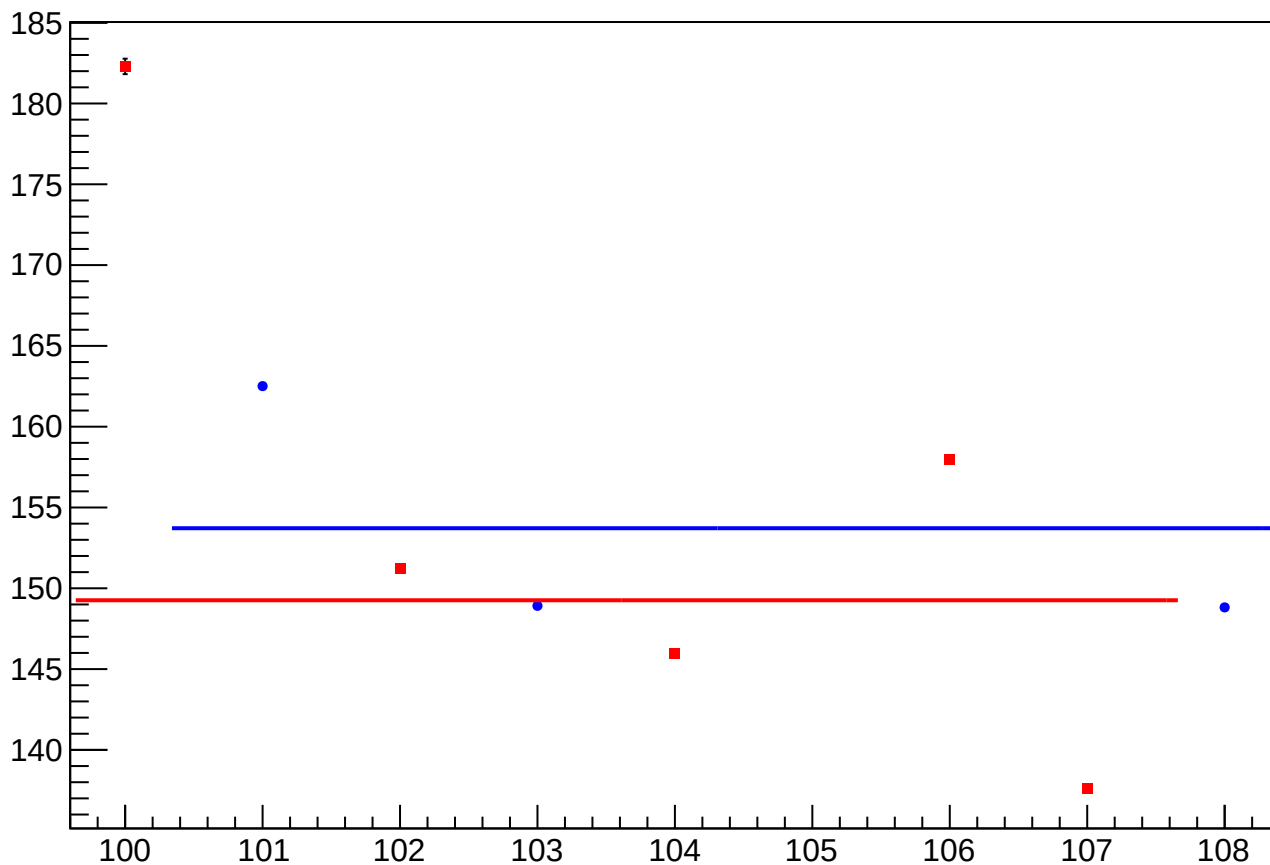
Right: 95.932+/-81.947 χ^2/NDF : 7.4/7

In: 102.751+/-119.664 χ^2/NDF : 5.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.932+/-81.947 χ^2/NDF : 7.4/7

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 153.717+/-0.085 χ^2/NDF : 5945.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.259+/-0.080 χ^2/NDF : 10722.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

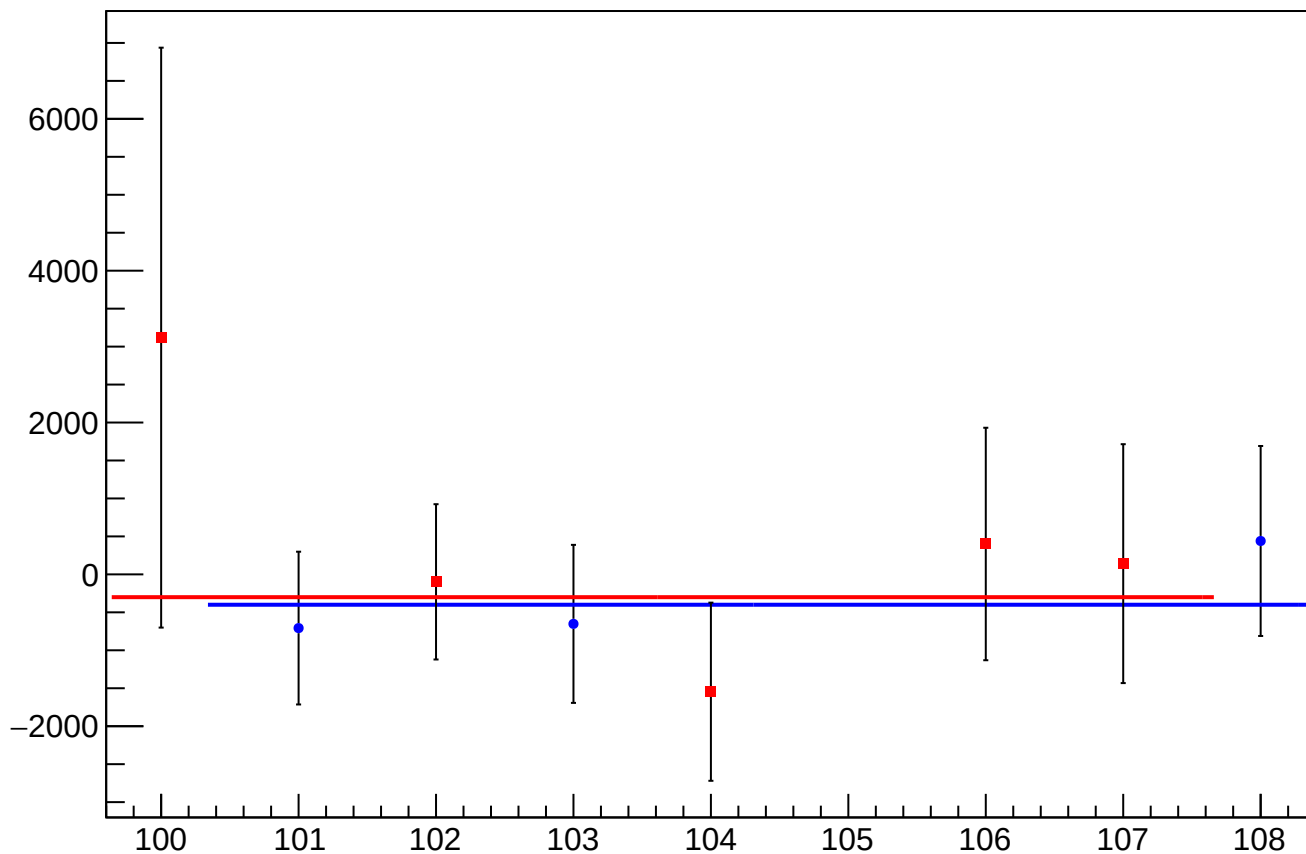
Right: 151.350+/-0.058 χ^2/NDF : 18141.5/7

In: 153.717+/-0.085 χ^2/NDF : 5945.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.350+/-0.058 χ^2/NDF : 18141.5/7

asym_sam_26_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -400.081+/-626.255 χ^2/NDF : 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -300.353+/-622.382 χ^2/NDF : 2.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

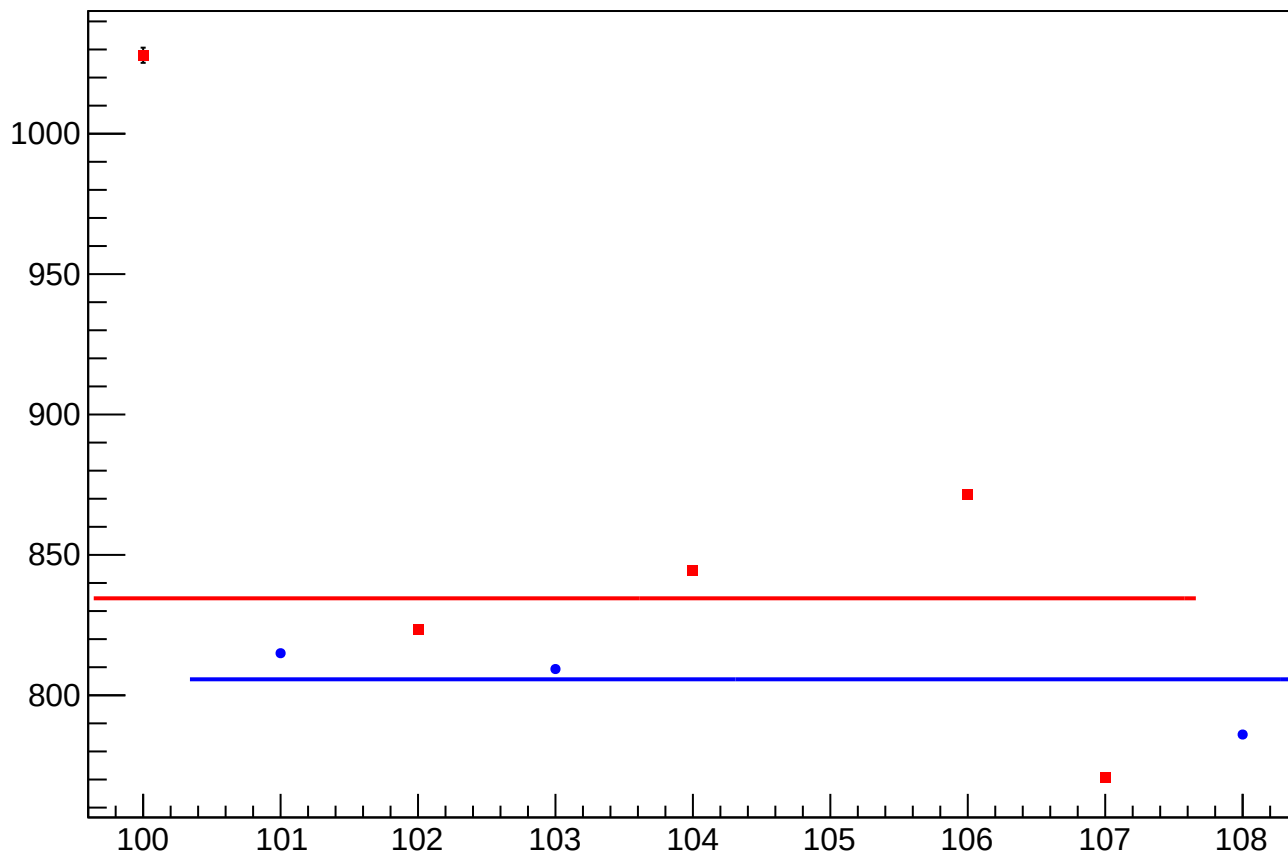
Right: -349.908+/-441.454 χ^2/NDF : 2.9/7

In: -400.081+/-626.255 χ^2/NDF : 0.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -349.908+/-441.454 χ^2/NDF : 2.9/7

asym_sam_26_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 805.692 $\pm$ 0.443 χ^2 /NDF: 689.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 834.537 $\pm$ 0.440 χ^2 /NDF: 9975.7/4

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

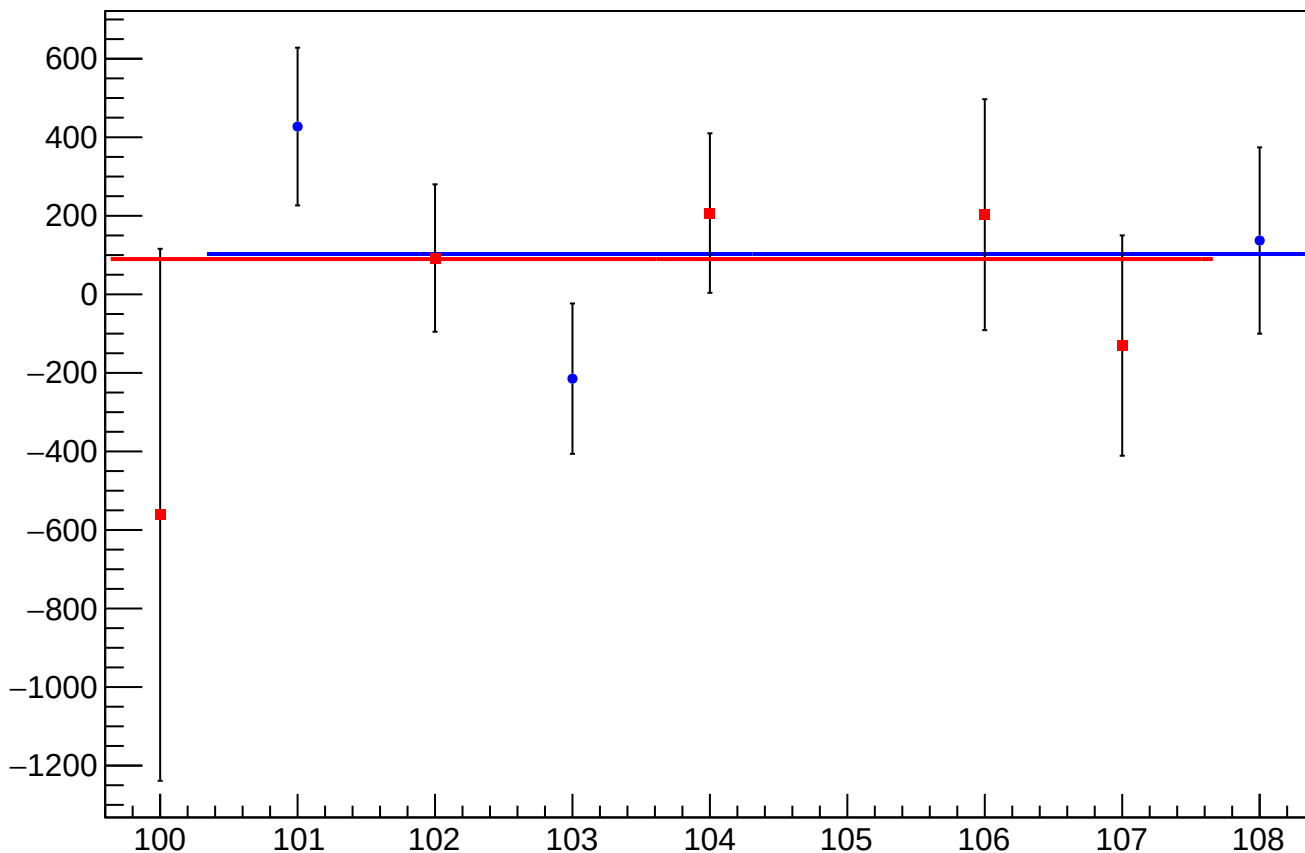
Right: 820.204 $\pm$ 0.312 χ^2 /NDF: 12799.7/7

In: 805.692 $\pm$ 0.443 χ^2 /NDF:689.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 820.204 $\pm$ 0.312 χ^2 /NDF: 12799.7/7

eigen_dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 102.747 $\pm$ 119.664 χ^2 /NDF: 5.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 89.913 $\pm$ 112.451 χ^2 /NDF: 2.0/4

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

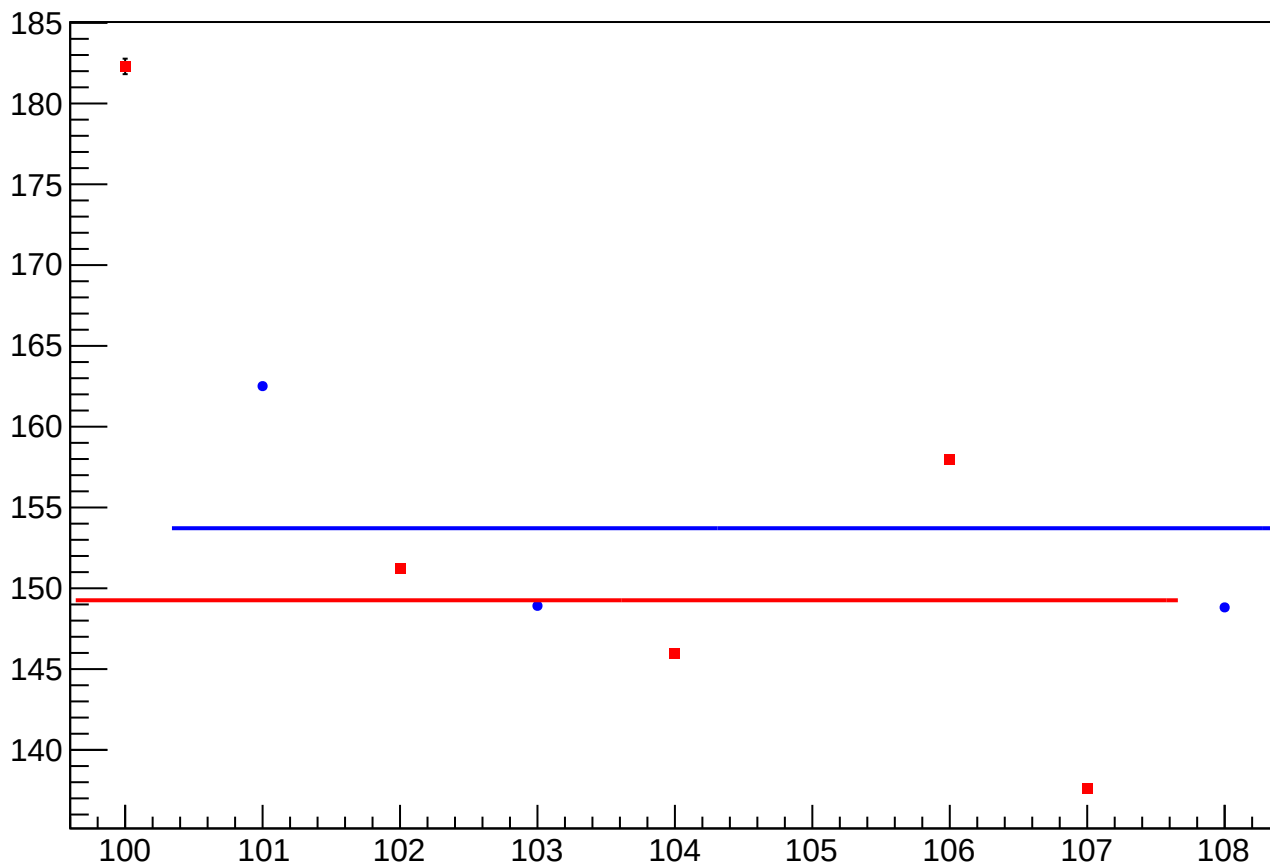
Right: 95.932 $\pm$ 81.946 χ^2 /NDF: 7.4/7

In: 102.747 $\pm$ 119.664 χ^2 /NDF: 5.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 95.932 $\pm$ 81.946 χ^2 /NDF: 7.4/7

eigen_dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 153.717 $\pm$ 0.085 χ^2 /NDF: 5945.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 149.259 $\pm$ 0.080 χ^2 /NDF: 10722.0/4

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

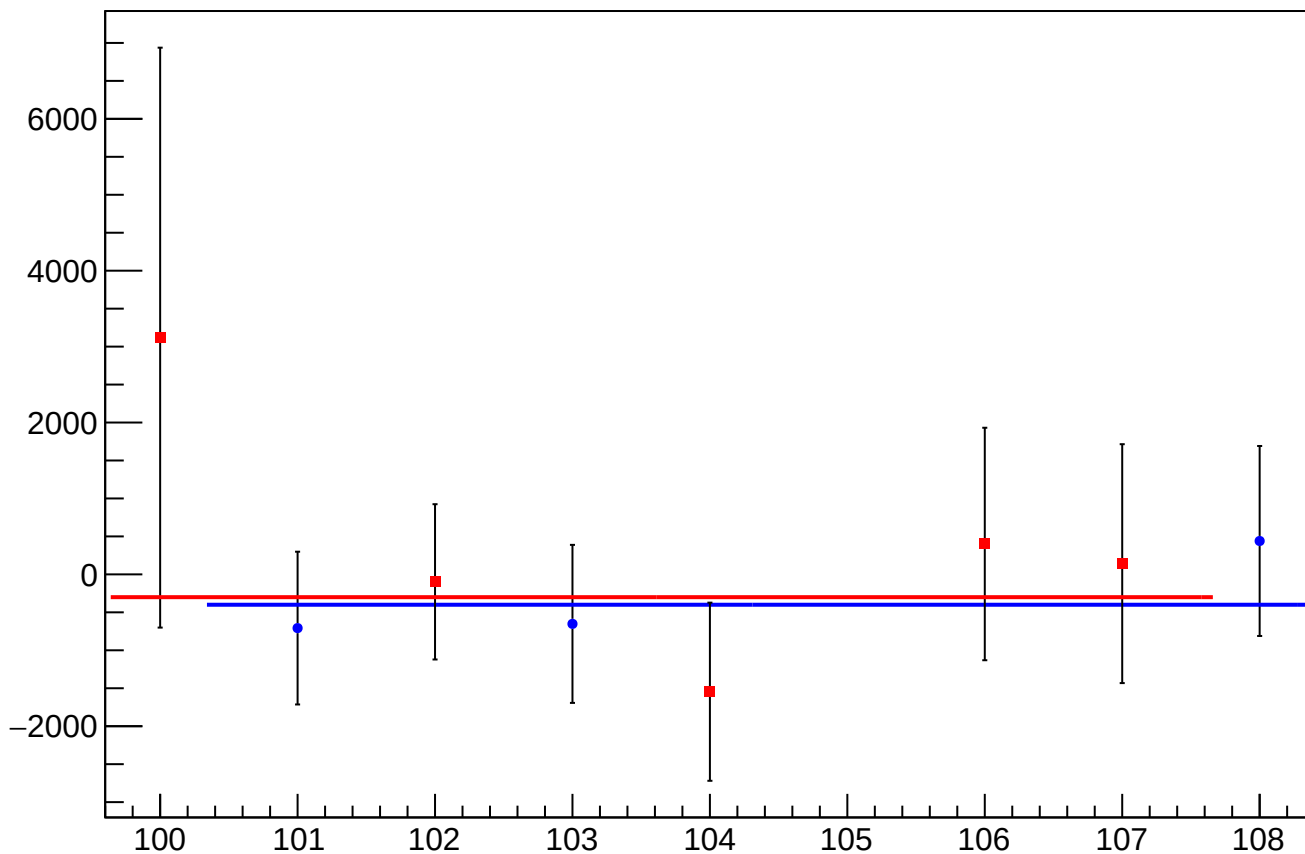
Right: 151.350 $\pm$ 0.058 χ^2 /NDF: 18141.6/7

In: 153.717 $\pm$ 0.085 χ^2 /NDF: 5945.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 151.350 $\pm$ 0.058 χ^2 /NDF: 18141.6/7

asym_sam_26_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -400.085+/-626.254 χ^2/NDF : 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -300.353+/-622.381 χ^2/NDF : 2.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

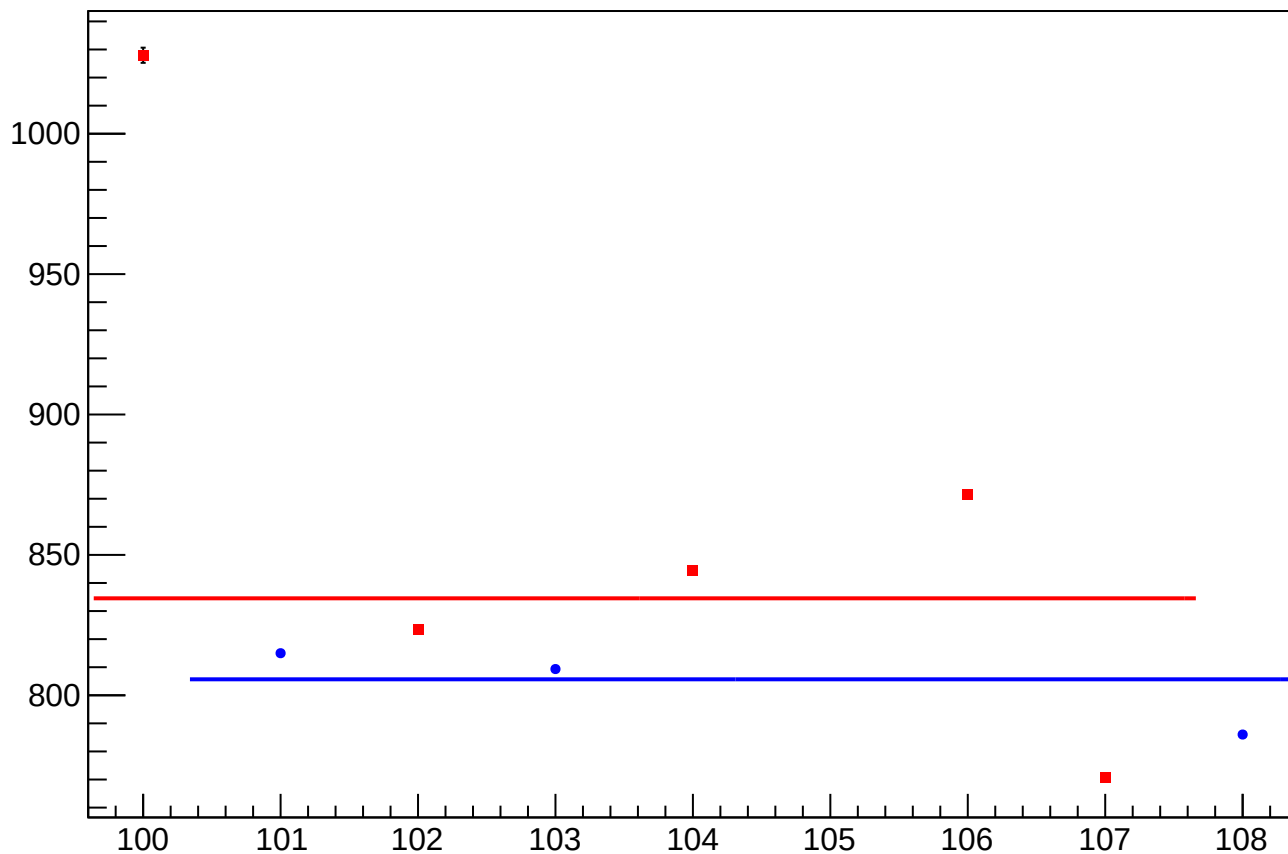
Right: -349.910+/-441.453 χ^2/NDF : 2.9/7

In: -400.085+/-626.254 χ^2/NDF : 0.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -349.910+/-441.453 χ^2/NDF : 2.9/7

asym_sam_26_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 805.690 $\pm$ 0.443 χ^2 /NDF: 689.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 834.534 $\pm$ 0.440 χ^2 /NDF: 9975.8/4

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

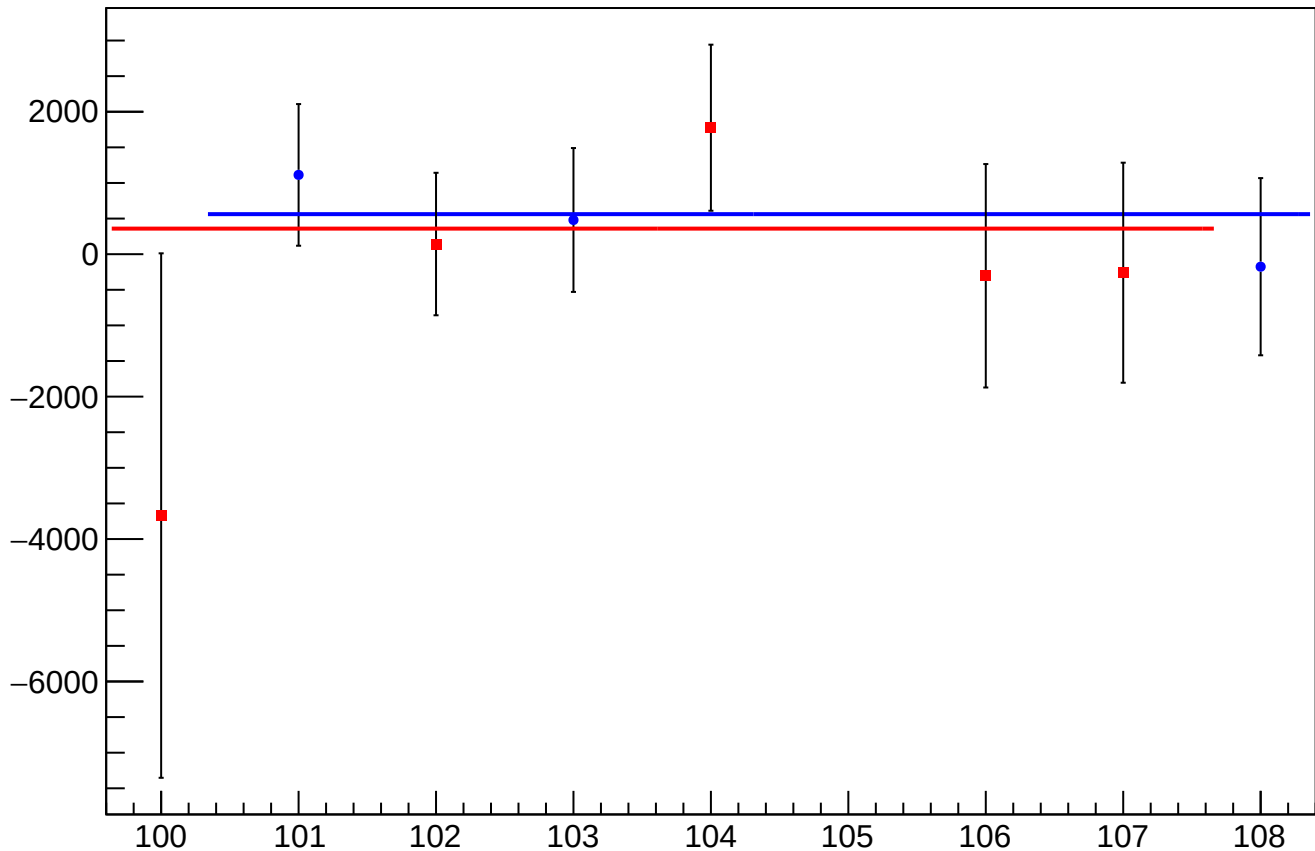
Right: 820.202 $\pm$ 0.312 χ^2 /NDF: 12799.9/7

In: 805.690 $\pm$ 0.443 χ^2 /NDF:689.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 820.202 $\pm$ 0.312 χ^2 /NDF: 12799.9/7

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 562.190+/-615.789 χ^2 /NDF: 0.7/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 359.076+/-616.172 χ^2 /NDF: 3.1/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

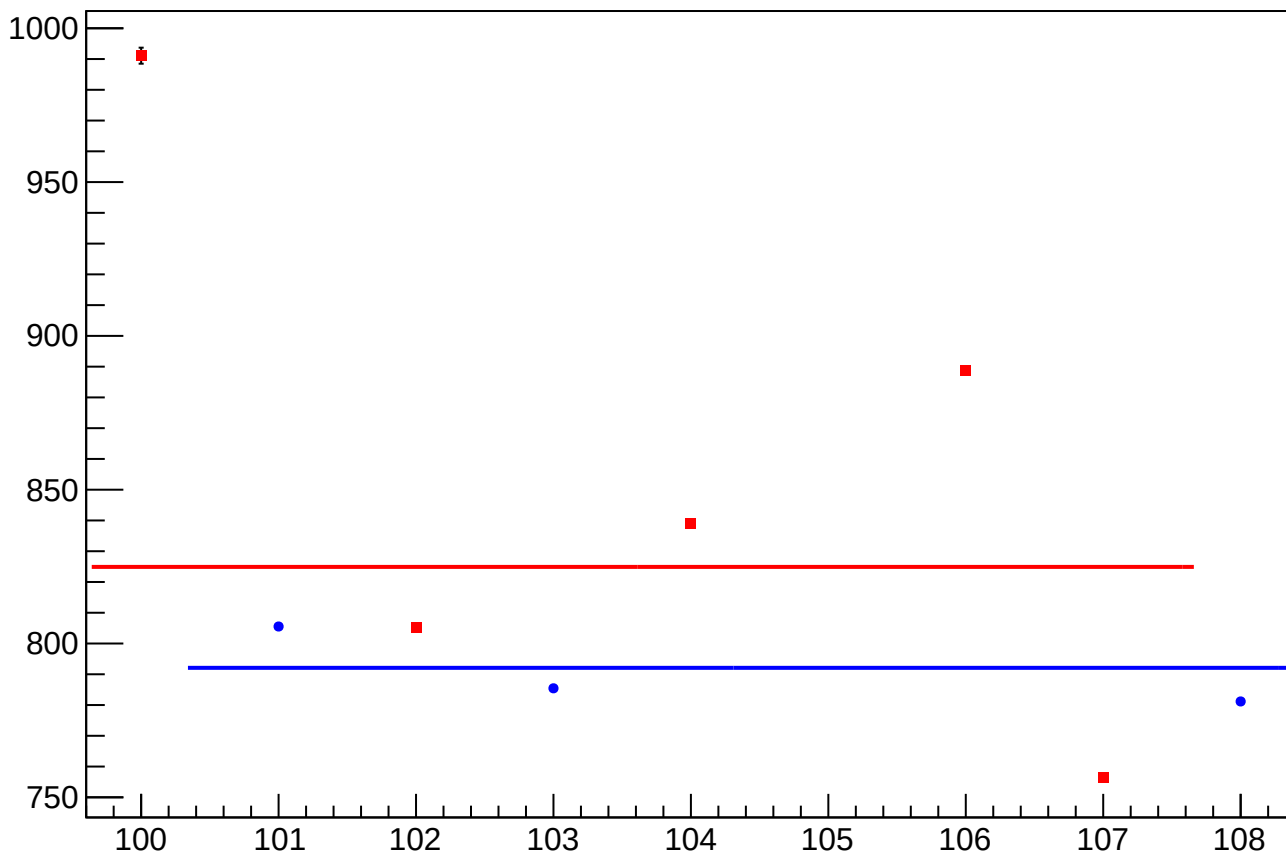
Right: 460.696+/-435.564 χ^2 /NDF: 3.8/7

In: 562.190+/-615.789 χ^2 /NDF:0.7/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 460.696+/-435.564 χ^2 /NDF: 3.8/7

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 792.093+/-0.435 χ^2/NDF : 606.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 824.904+/-0.436 χ^2/NDF : 12377.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

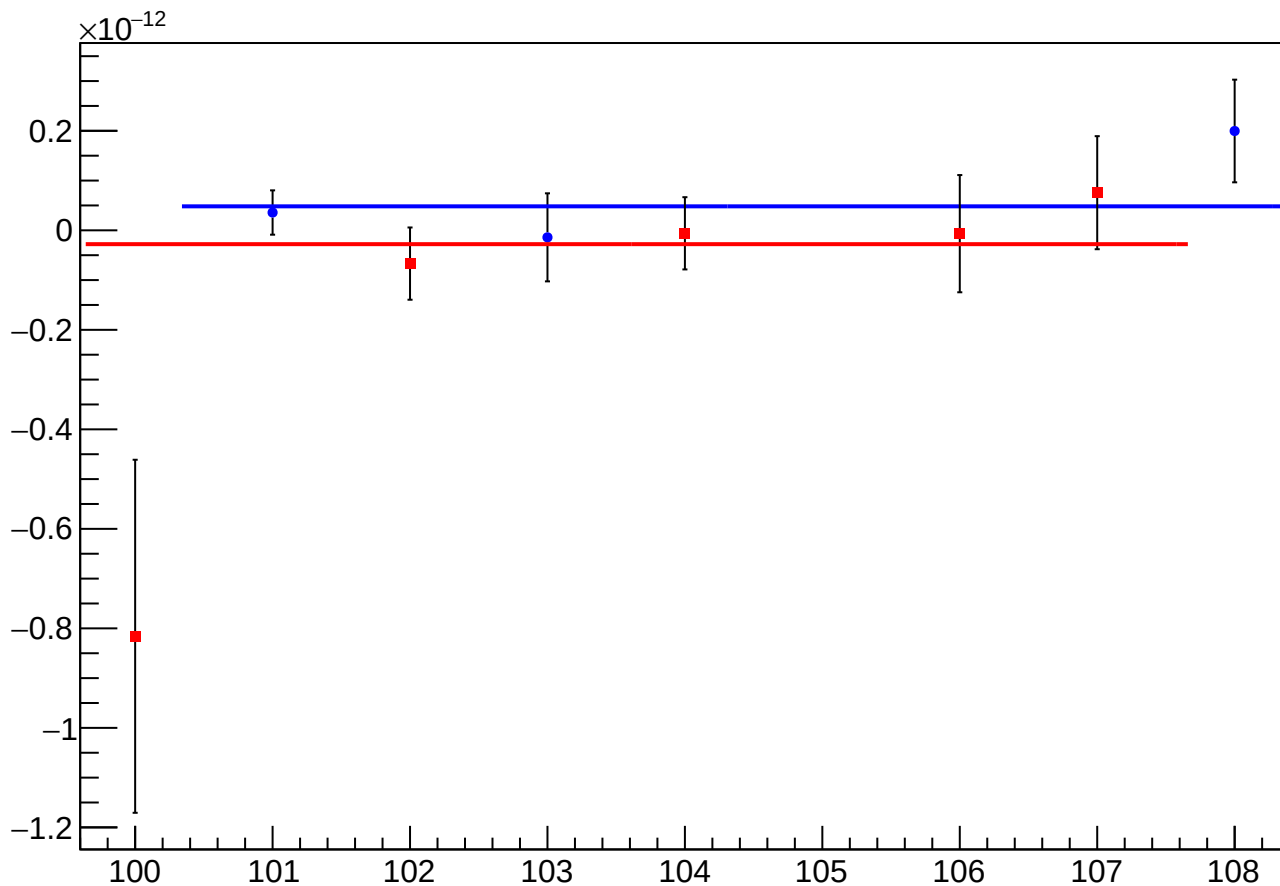
Right: 808.488+/-0.308 χ^2/NDF : 15820.6/7

In: 792.093+/-0.435 χ^2/NDF : 606.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 808.488+/-0.308 χ^2/NDF : 15820.6/7

asym_sam_26_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

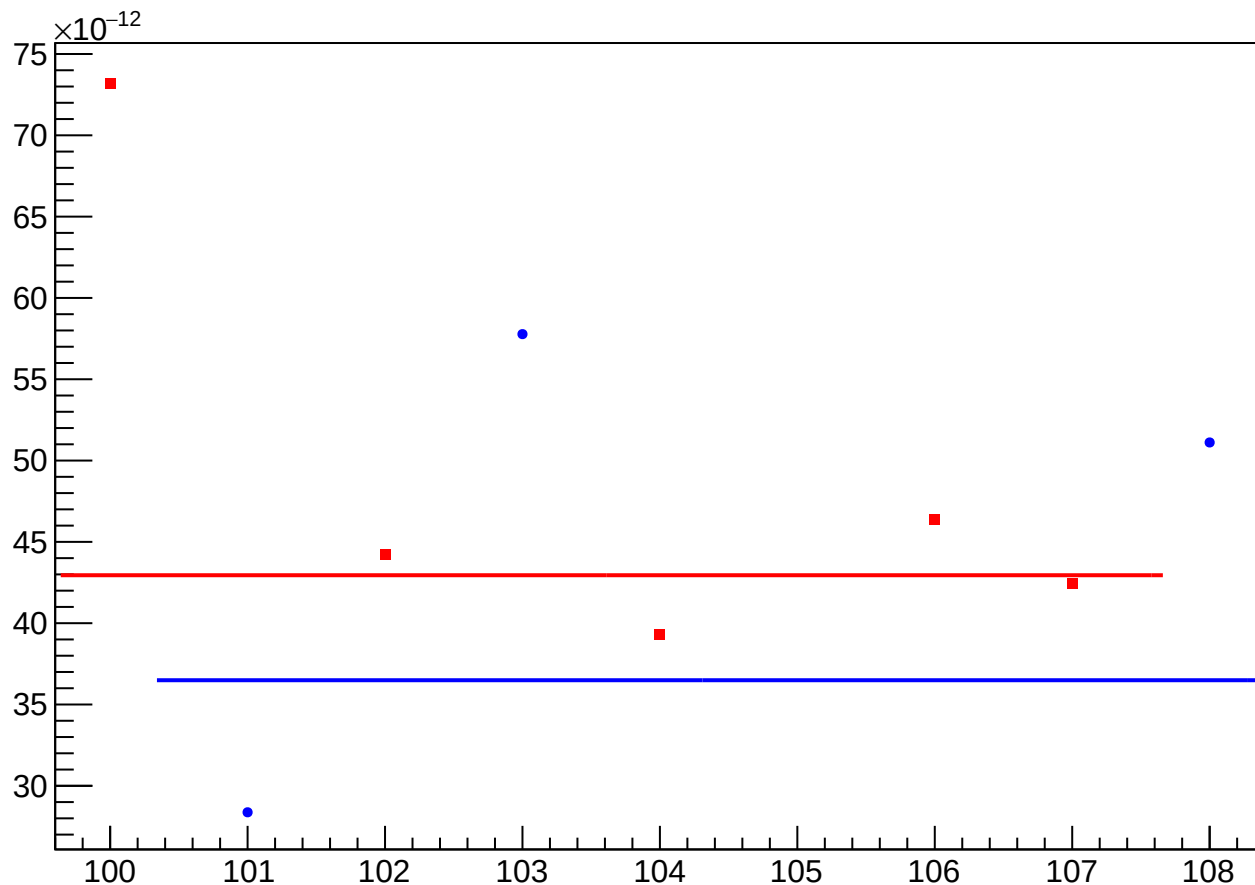
Right: 0.000+/-0.000 χ^2/NDF : 10.7/7

In: 0.000+/-0.000 χ^2/NDF : 2.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.7/7

asym_sam_26_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 222327.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 21814.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

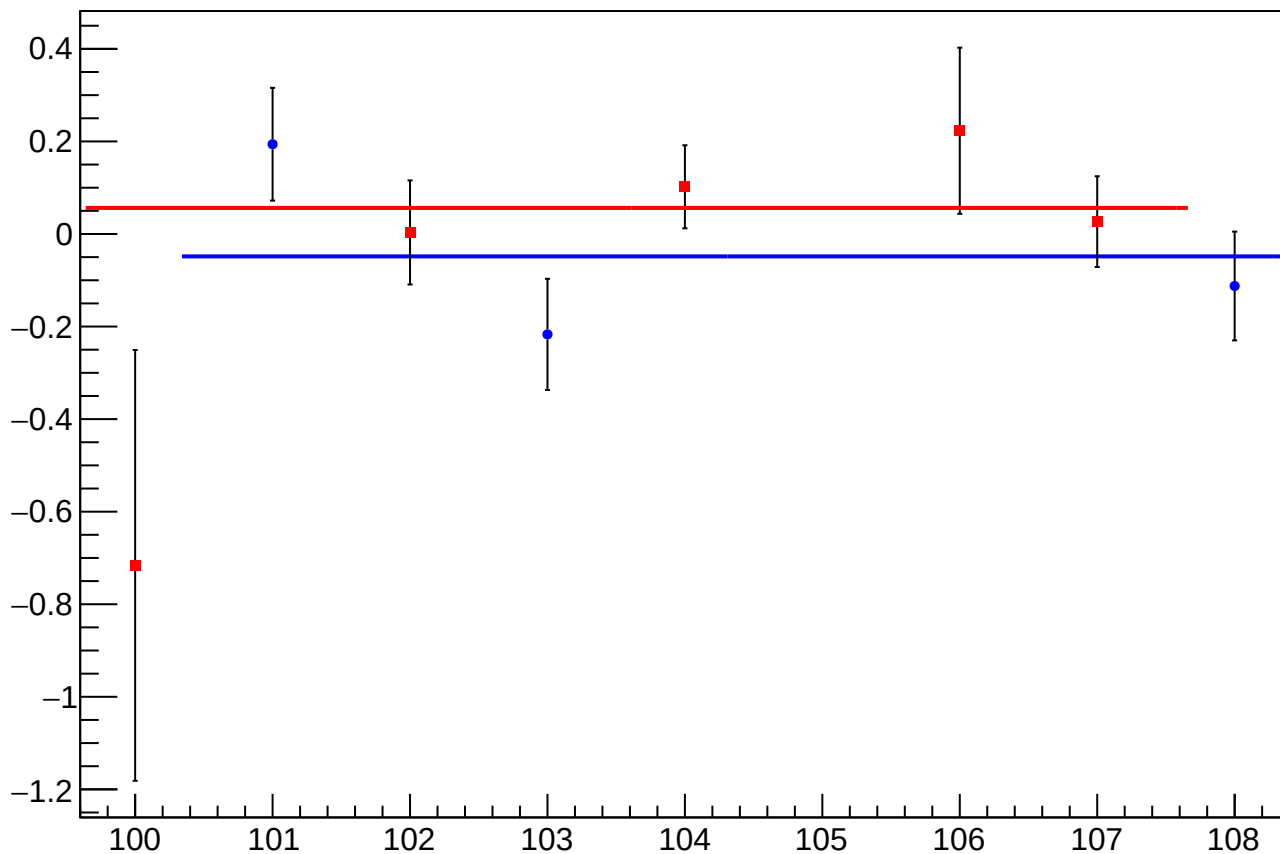
Right: 0.000+/-0.000 χ^2/NDF : 269867.7/7

In: 0.000+/-0.000 χ^2/NDF : 222327.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 269867.7/7

asym_sam_26_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.048 $\pm$ 0.069 χ^2 /NDF: 6.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.056 $\pm$ 0.054 χ^2 /NDF: 4.2/4

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

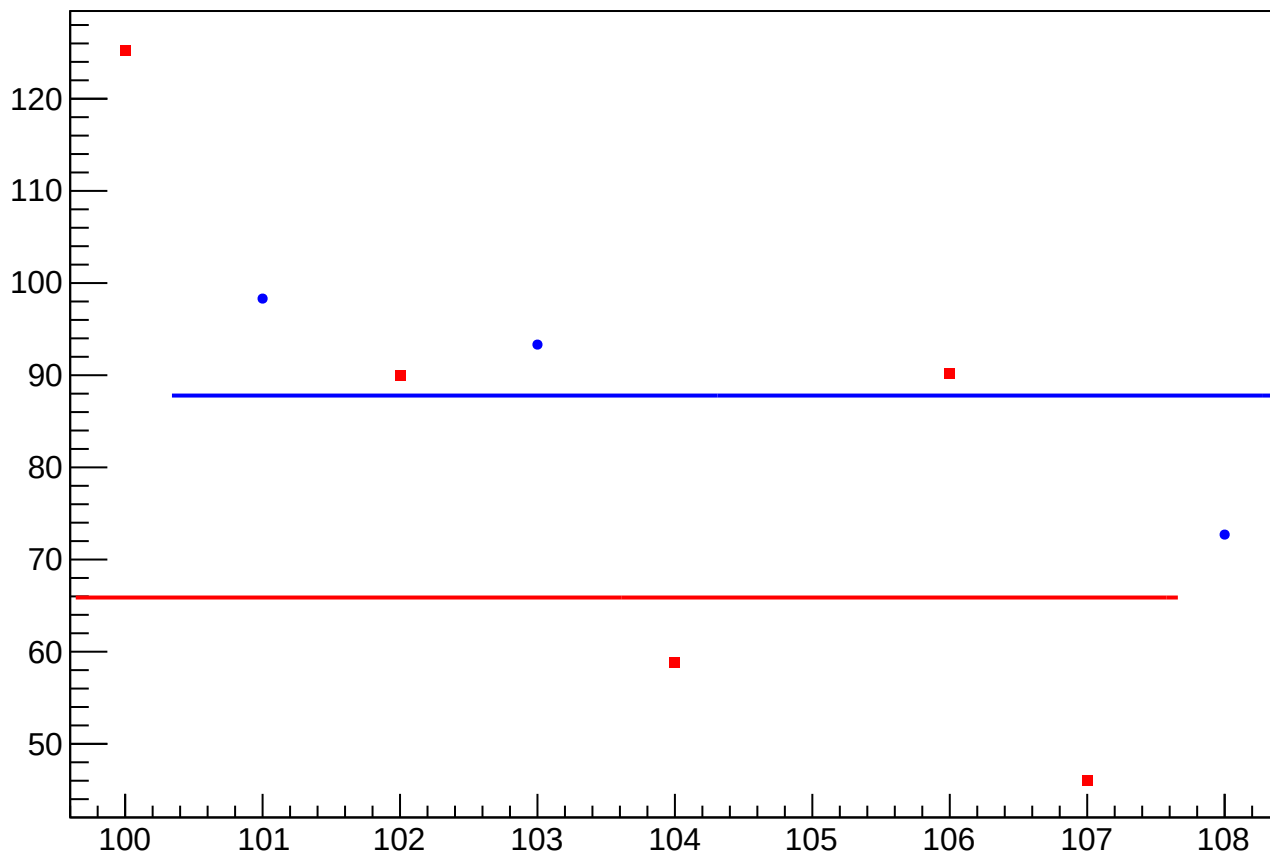
Right: 0.017 $\pm$ 0.043 χ^2 /NDF: 11.8/7

In: -0.048 $\pm$ 0.069 χ^2 /NDF:6.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.017 $\pm$ 0.043 χ^2 /NDF: 11.8/7

asym_sam_26_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 87.794+/-0.049 χ^2/NDF : 52103.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.879+/-0.038 χ^2/NDF : 255071.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

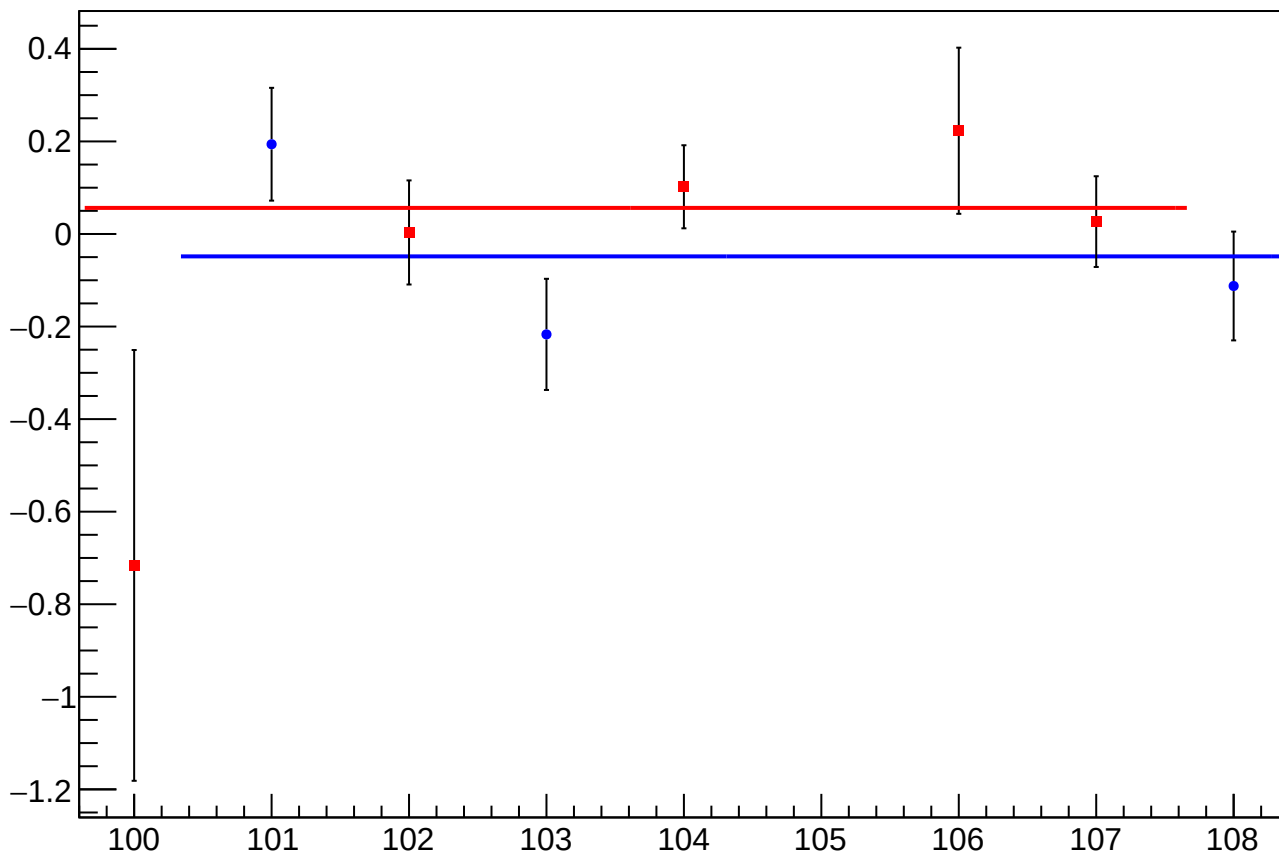
Right: 74.179+/-0.030 χ^2/NDF : 431941.7/7

In: 87.794+/-0.049 χ^2/NDF : 52103.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.179+/-0.030 χ^2/NDF : 431941.7/7

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.048 $\pm$ 0.069 χ^2 /NDF: 6.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.056 $\pm$ 0.054 χ^2 /NDF: 4.2/4

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

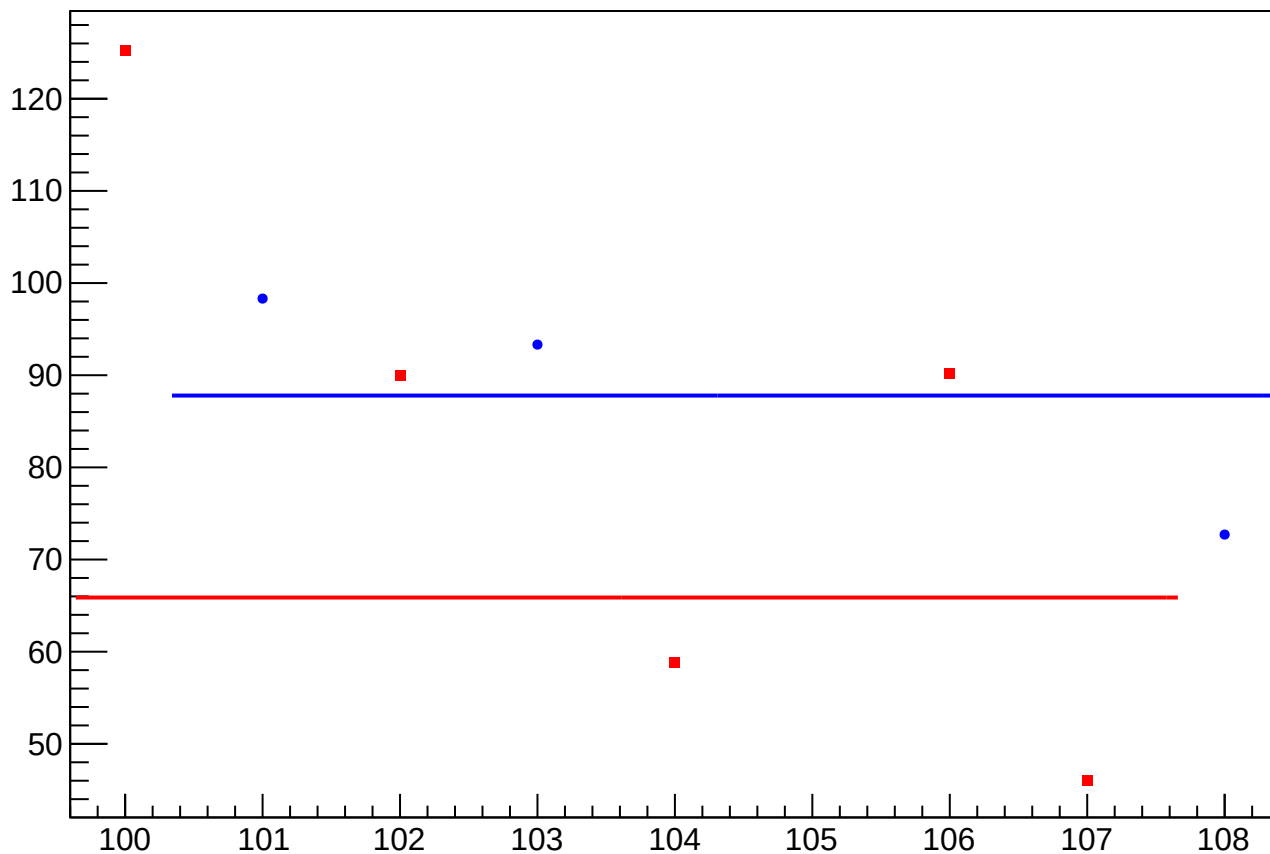
Right: 0.017 $\pm$ 0.043 χ^2 /NDF: 11.8/7

In: -0.048 $\pm$ 0.069 χ^2 /NDF:6.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.017 $\pm$ 0.043 χ^2 /NDF: 11.8/7

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 87.794+/-0.049 χ^2/NDF : 52103.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.879+/-0.038 χ^2/NDF : 255071.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

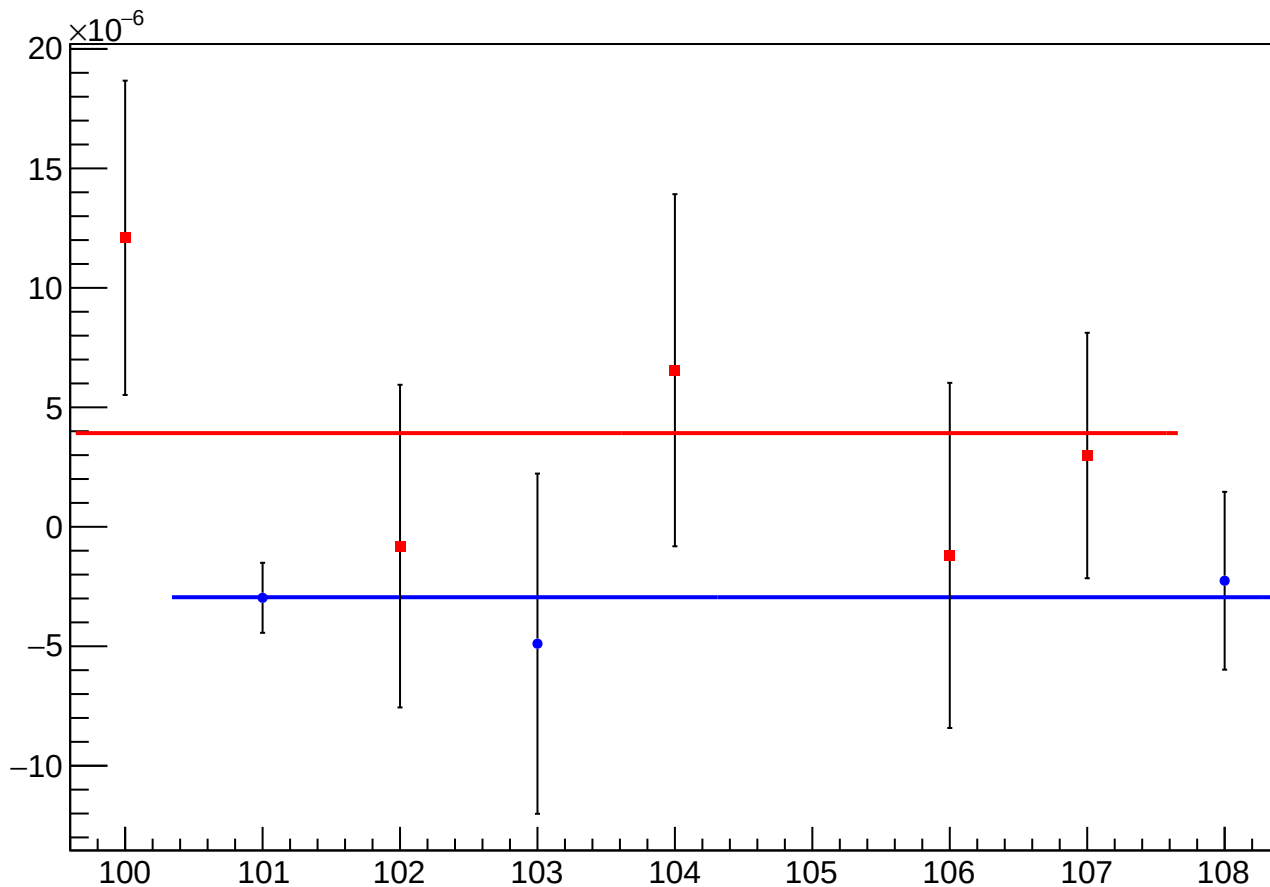
Right: 74.179+/-0.030 χ^2/NDF : 431941.7/7

In: 87.794+/-0.049 χ^2/NDF : 52103.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.179+/-0.030 χ^2/NDF : 431941.7/7

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

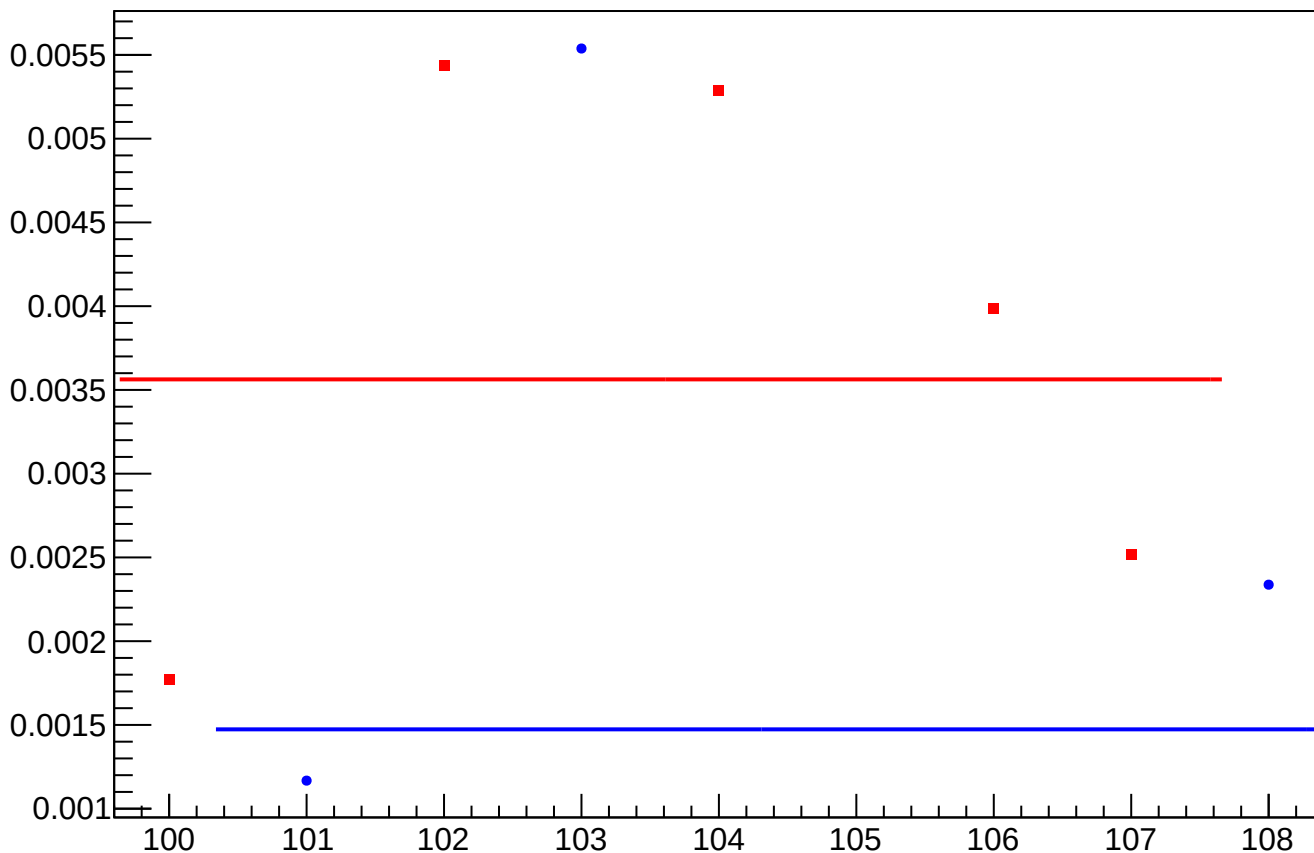
Right: -0.000+/-0.000 χ^2/NDF : 7.5/7

In: -0.000+/-0.000 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.5/7

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 847004.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 501486.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

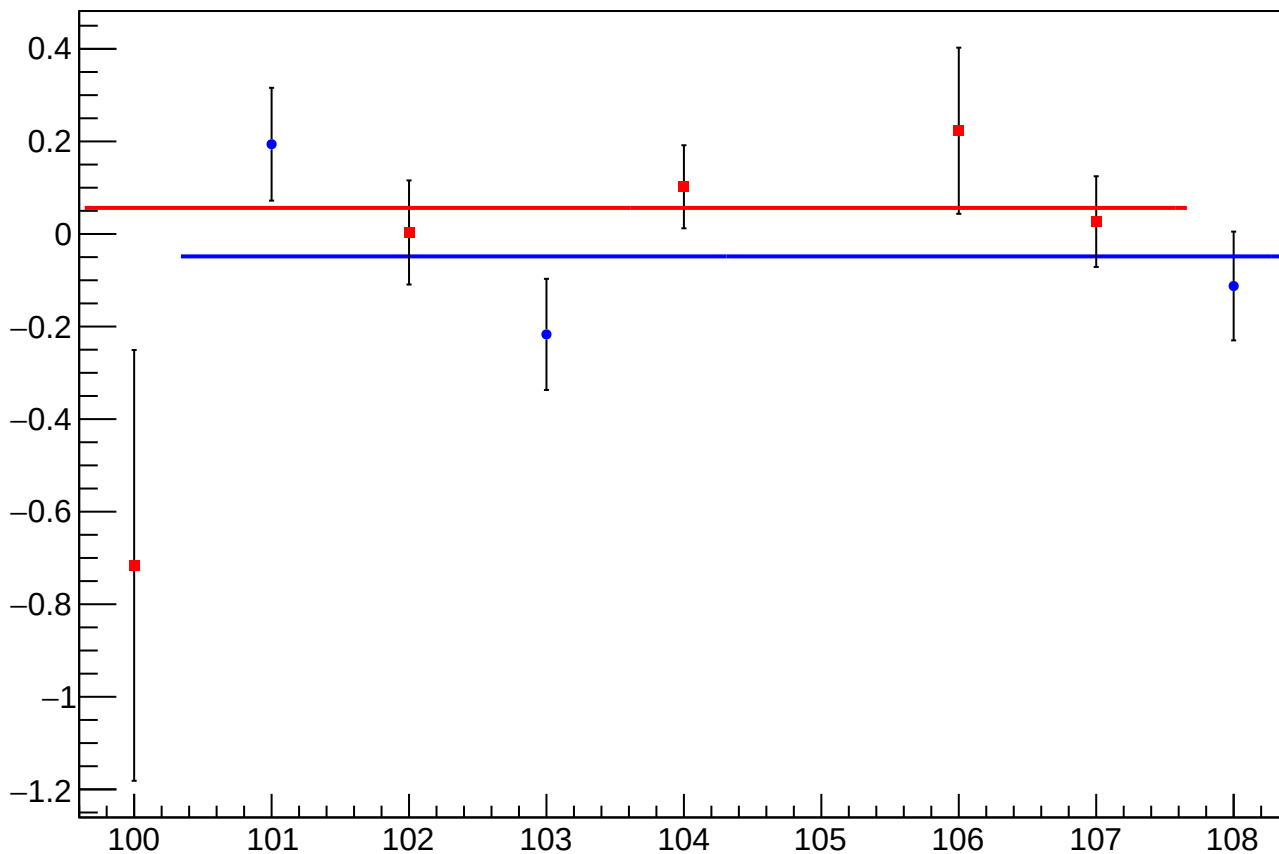
Right: 0.002+/-0.000 χ^2/NDF : 2213841.1/7

In: 0.001+/-0.000 χ^2/NDF : 847004.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2213841.1/7

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.048 ± 0.069 χ^2/NDF : 6.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.056 ± 0.054 χ^2/NDF : 4.2/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

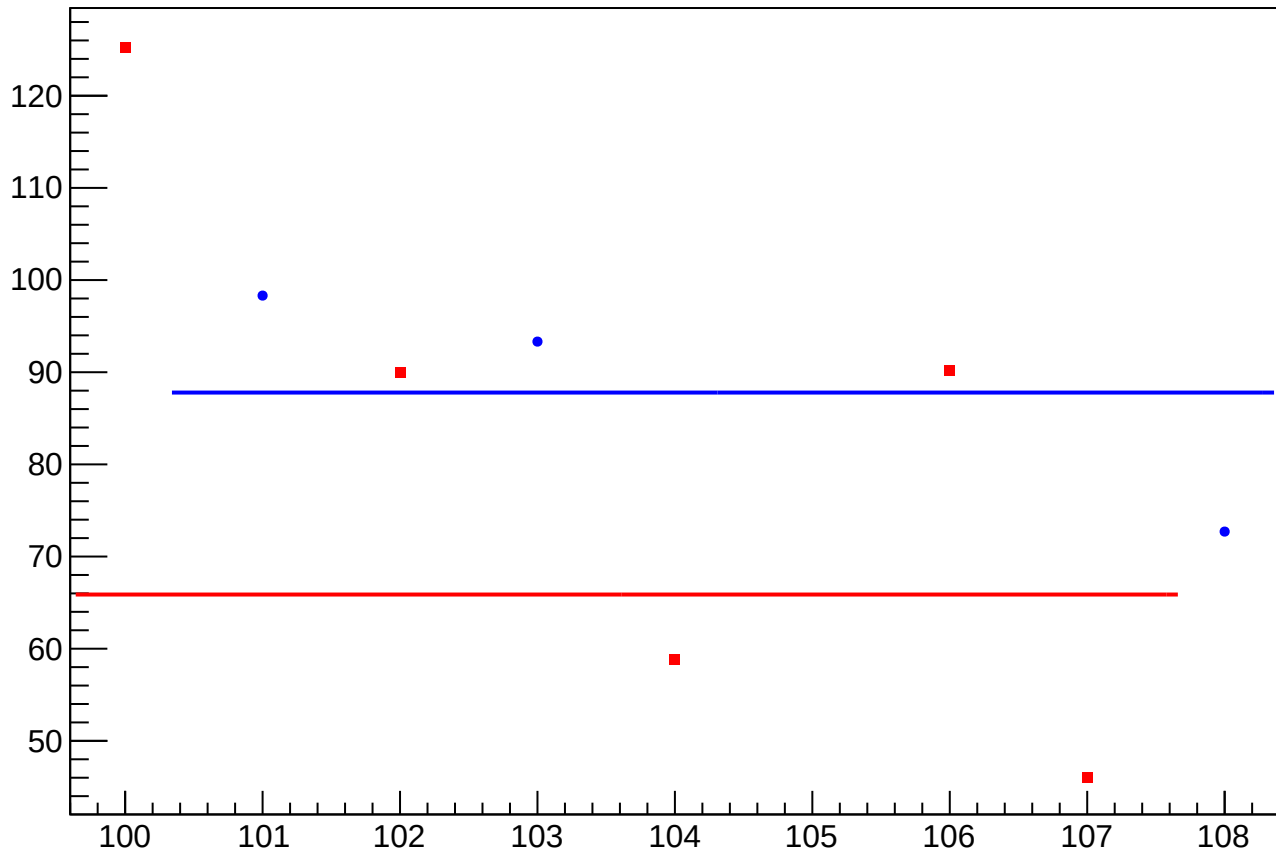
Right: 0.017 ± 0.043 χ^2/NDF : 11.8/7

In: -0.048 ± 0.069 χ^2/NDF : 6.2/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.017 ± 0.043 χ^2/NDF : 11.8/7

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 87.793+/-0.049 χ^2/NDF : 52102.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.878+/-0.038 χ^2/NDF : 255077.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

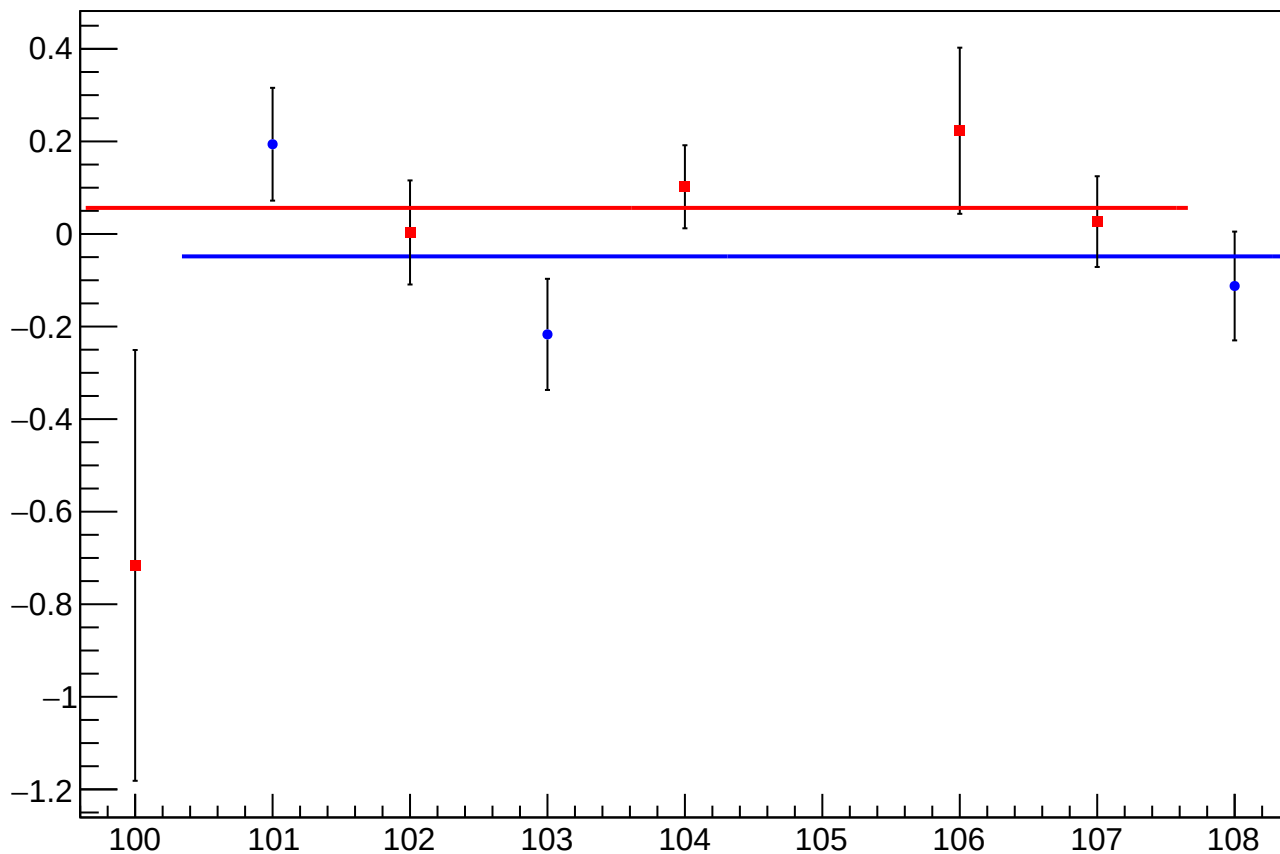
Right: 74.178+/-0.030 χ^2/NDF : 431957.3/7

In: 87.793+/-0.049 χ^2/NDF : 52102.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.178+/-0.030 χ^2/NDF : 431957.3/7

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.048 $\pm$ 0.069 χ^2 /NDF: 6.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.056 $\pm$ 0.054 χ^2 /NDF: 4.2/4

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

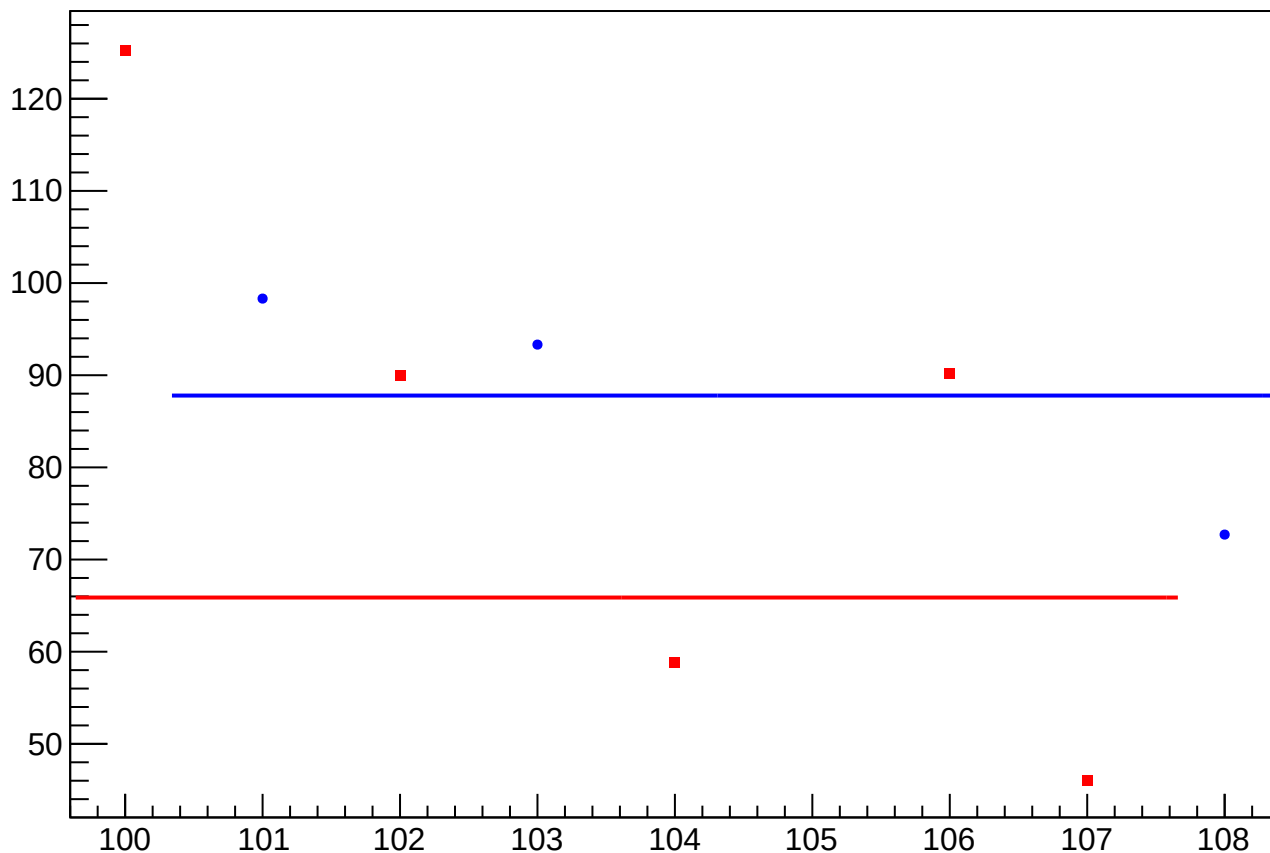
Right: 0.017 $\pm$ 0.043 χ^2 /NDF: 11.8/7

In: -0.048 $\pm$ 0.069 χ^2 /NDF:6.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.017 $\pm$ 0.043 χ^2 /NDF: 11.8/7

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 87.793+/-0.049 χ^2/NDF : 52102.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.878+/-0.038 χ^2/NDF : 255077.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

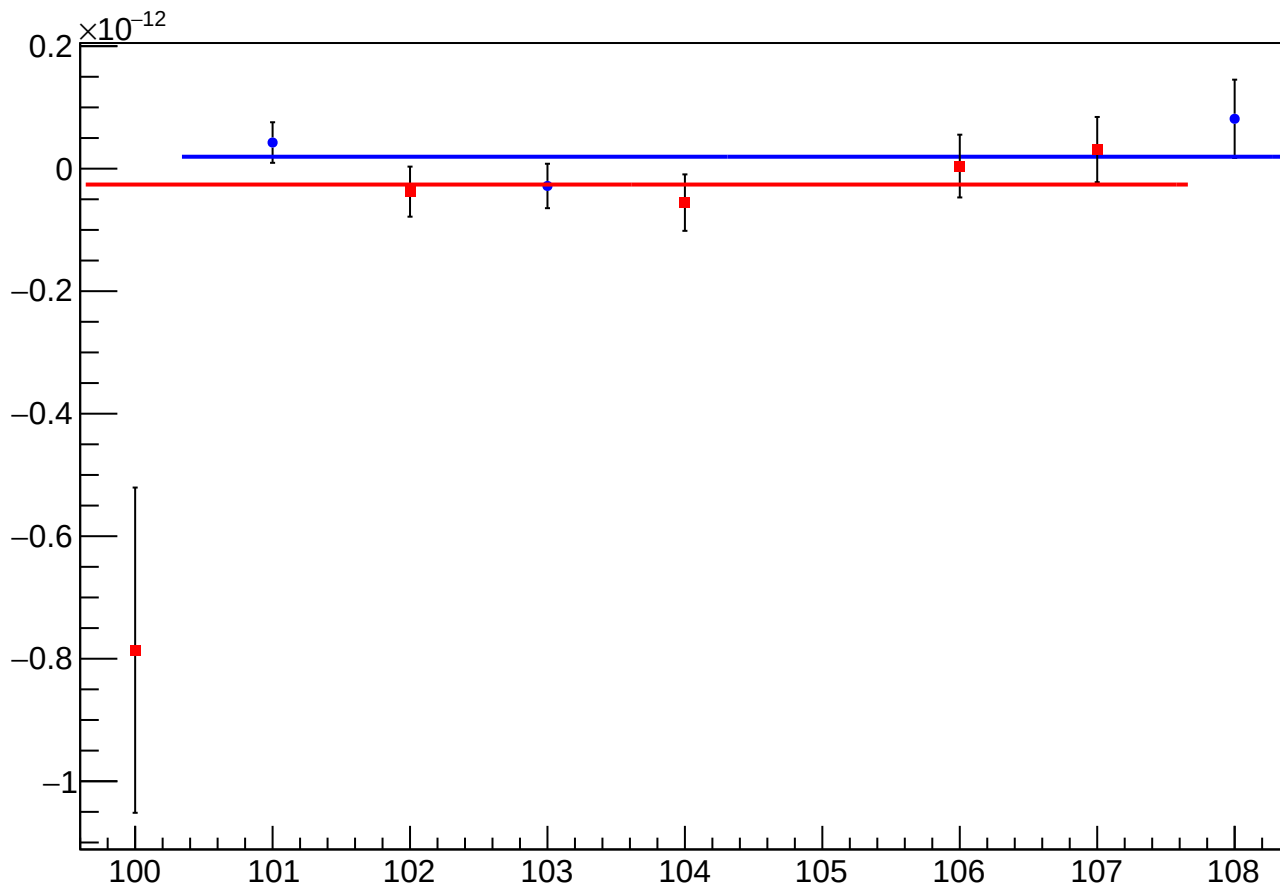
Right: 74.178+/-0.030 χ^2/NDF : 431957.3/7

In: 87.793+/-0.049 χ^2/NDF : 52102.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.178+/-0.030 χ^2/NDF : 431957.3/7

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

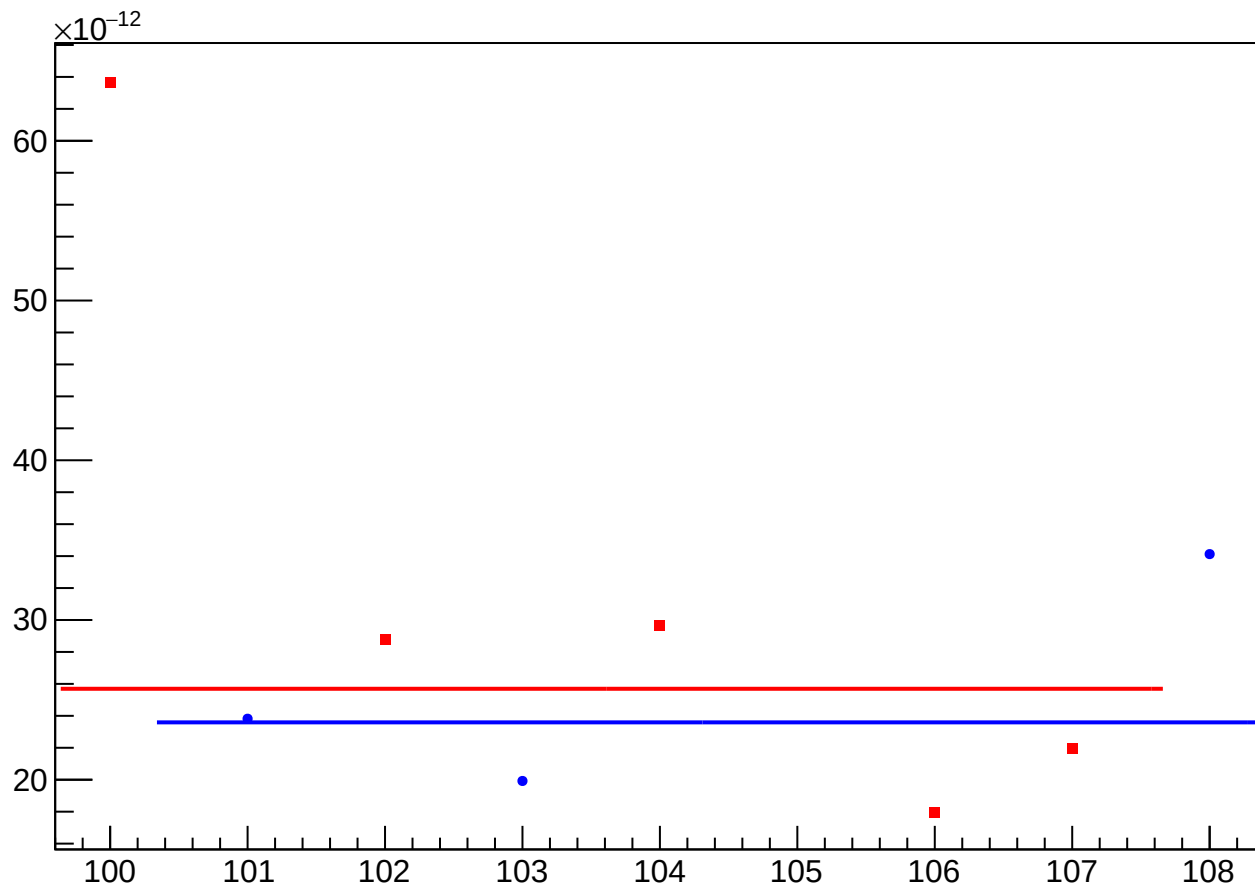
Right: -0.000+/-0.000 χ^2/NDF : 15.3/7

In: 0.000+/-0.000 χ^2/NDF : 3.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.3/7

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 74961.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 122438.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

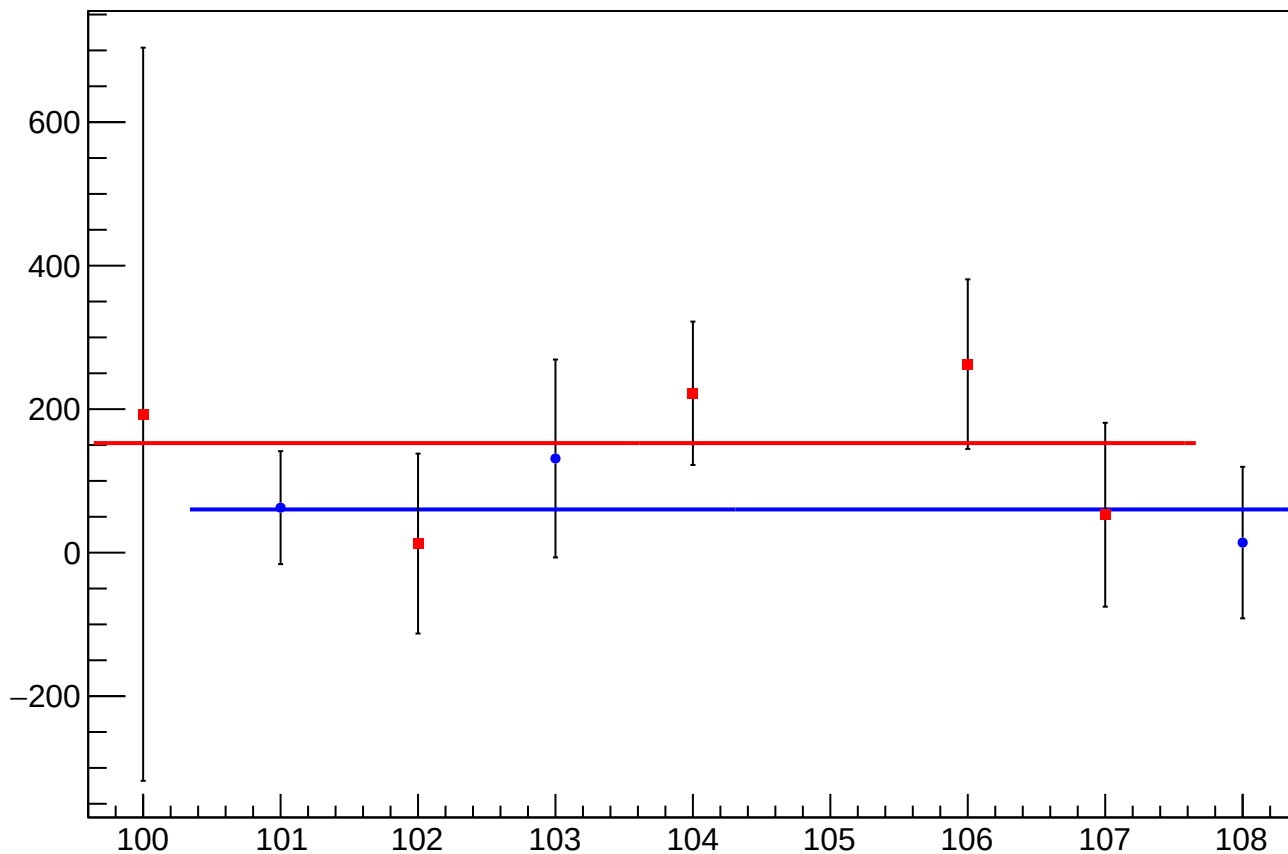
Right: 0.000+/-0.000 χ^2/NDF : 205655.9/7

In: 0.000+/-0.000 χ^2/NDF : 74961.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 205655.9/7

reg_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 60.208 $\pm$ 57.408 χ^2 /NDF: 0.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 152.692 $\pm$ 57.722 χ^2 /NDF: 3.2/4

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

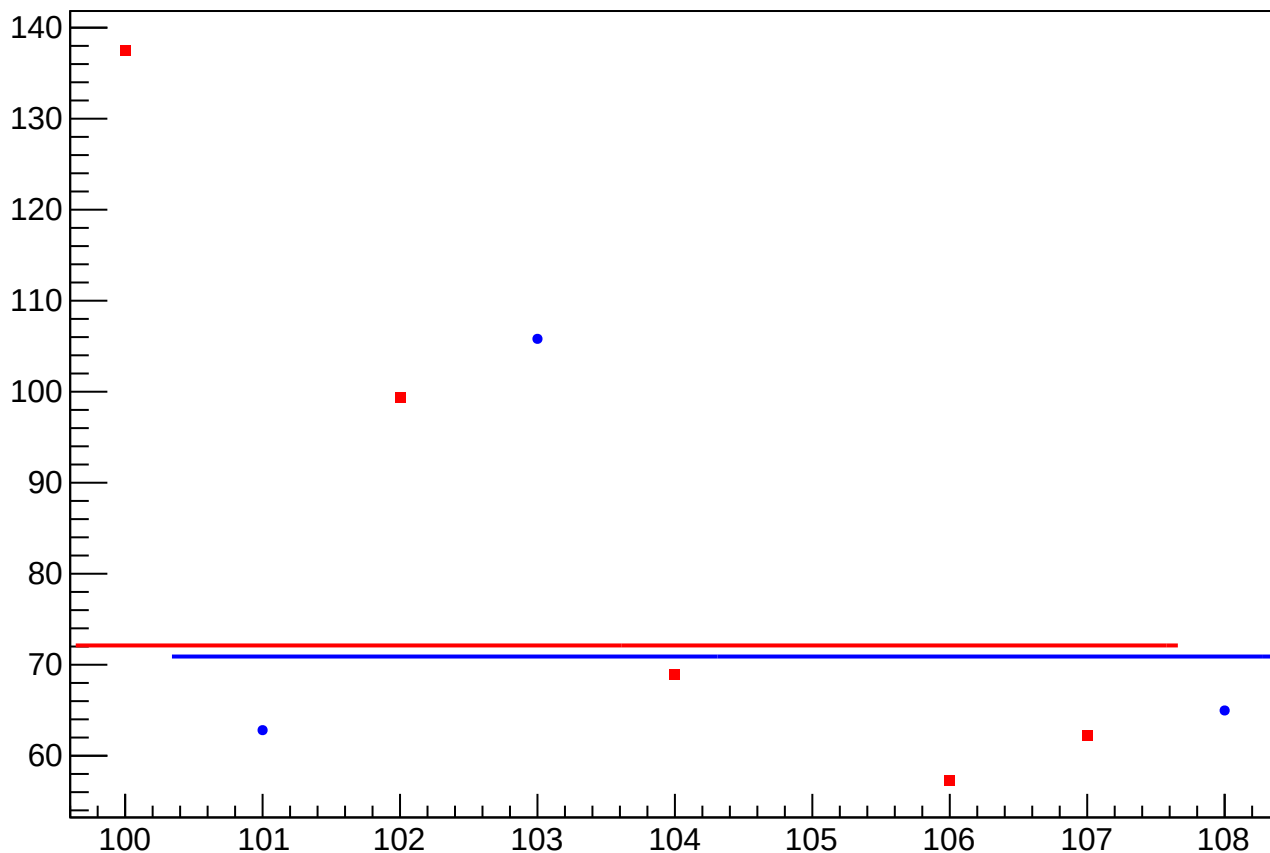
Right: 106.198 $\pm$ 40.704 χ^2 /NDF: 5.0/7

In: 60.208 $\pm$ 57.408 χ^2 /NDF: 0.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 106.198 $\pm$ 40.704 χ^2 /NDF: 5.0/7

reg_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 70.903+/-0.041 χ^2/NDF : 155530.3/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 72.119+/-0.041 χ^2/NDF : 172053.1/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

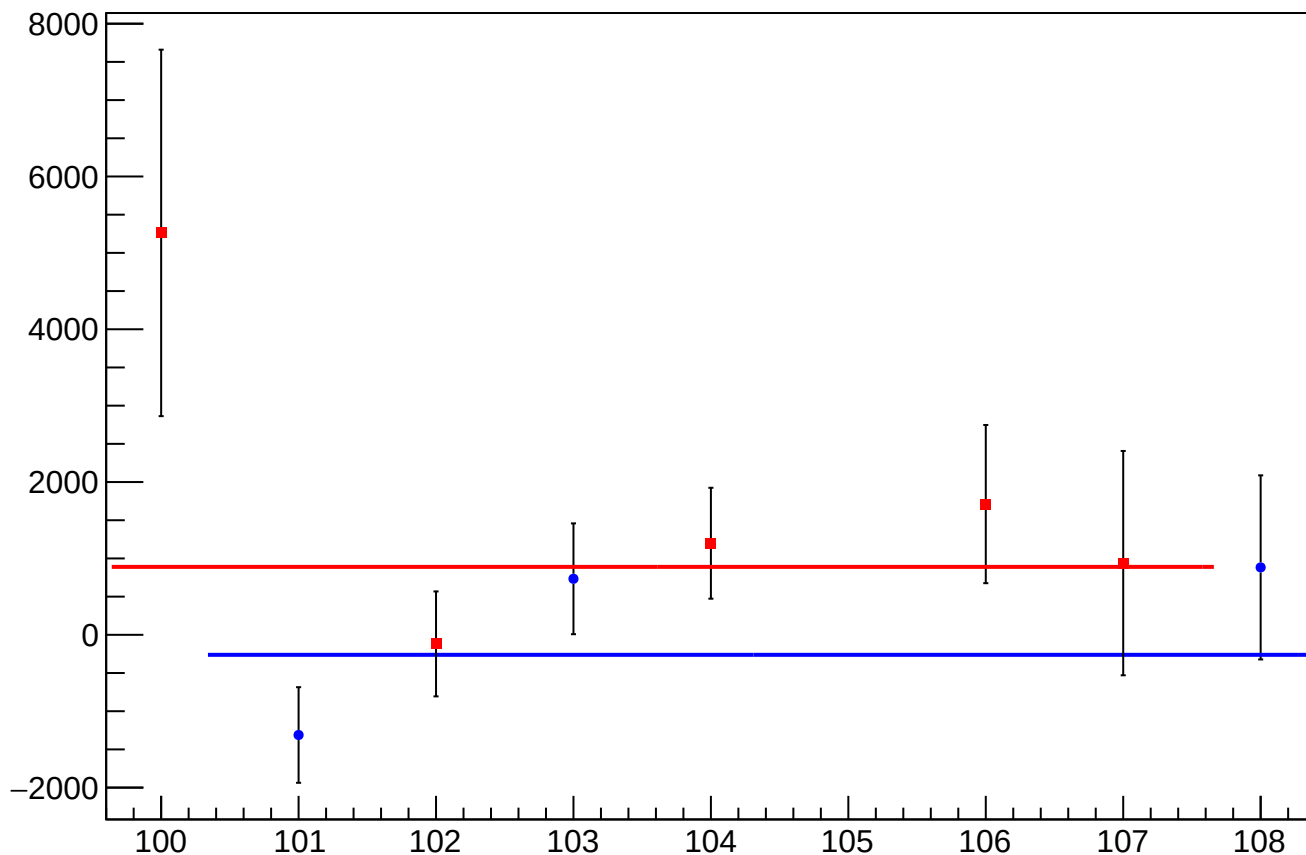
Right: 71.507+/-0.029 χ^2/NDF : 328029.5/7

In: 70.903+/-0.041 χ^2/NDF :155530.3/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 71.507+/-0.029 χ^2/NDF : 328029.5/7

asym_sam_1548_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -261.785+/-440.963 χ^2/NDF : 5.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 889.505+/-423.111 χ^2/NDF : 6.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

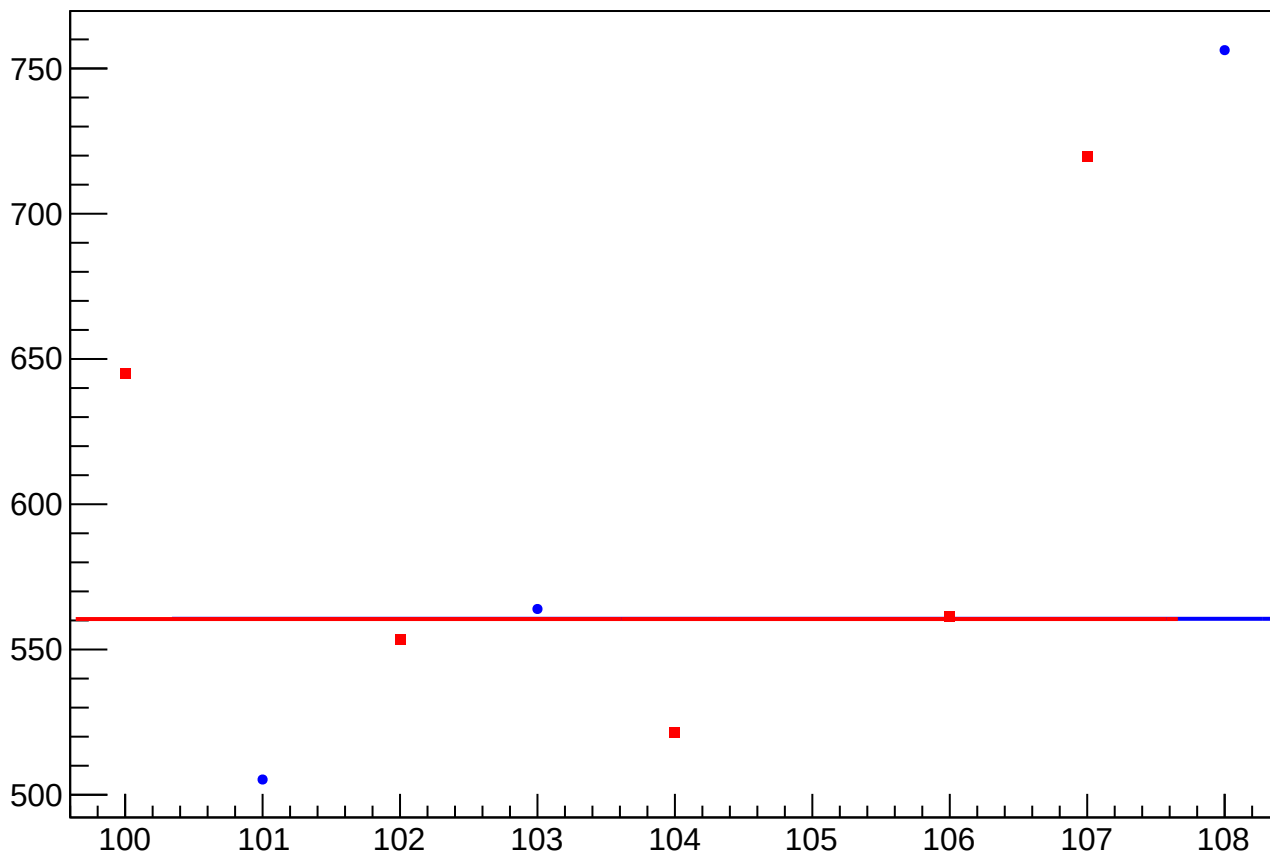
Right: 337.636+/-305.300 χ^2/NDF : 15.4/7

In: -261.785+/-440.963 χ^2/NDF : 5.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 337.636+/-305.300 χ^2/NDF : 15.4/7

asym_sam_1548_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 560.572+/-0.312 χ^2/NDF : 68449.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 560.490+/-0.299 χ^2/NDF : 31996.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

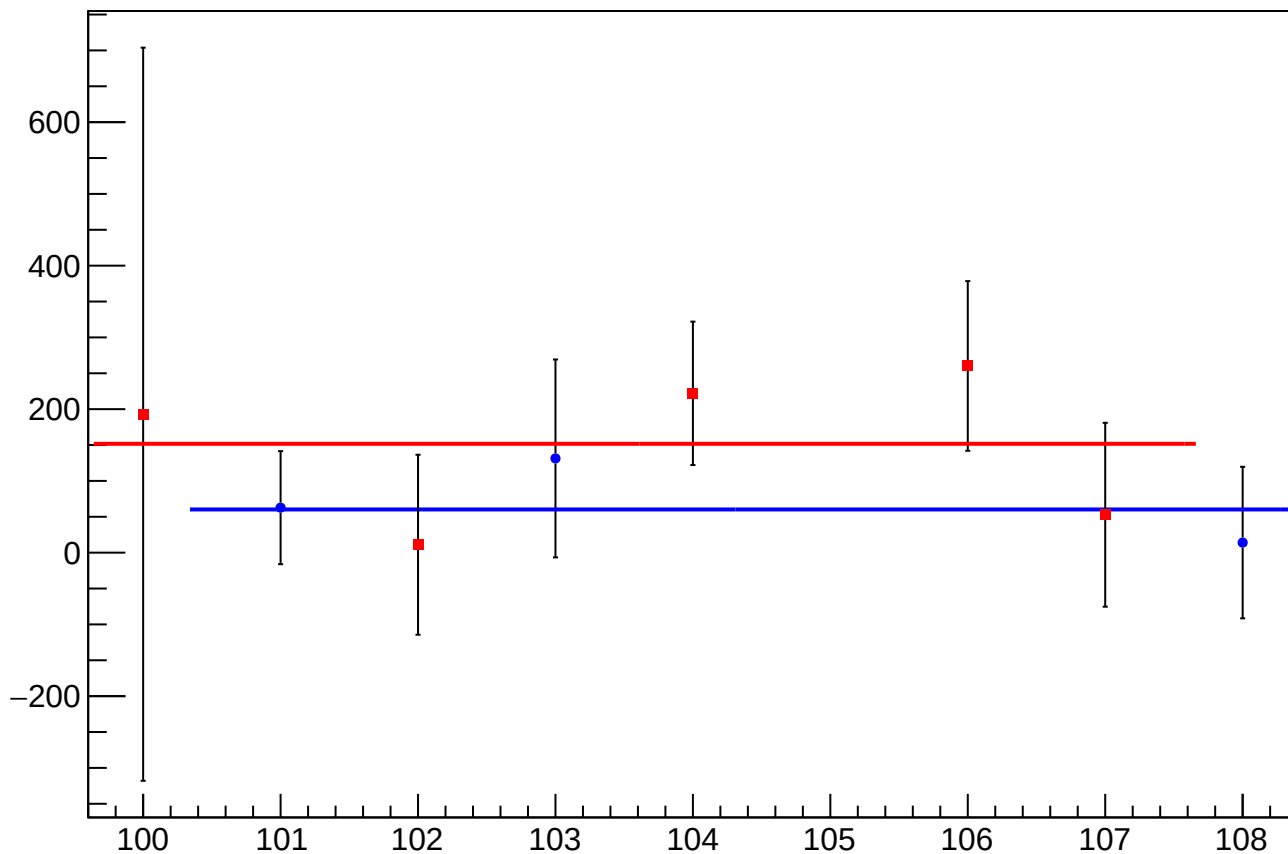
Right: 560.529+/-0.216 χ^2/NDF : 100446.6/7

In: 560.572+/-0.312 χ^2/NDF : 68449.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 560.529+/-0.216 χ^2/NDF : 100446.6/7

cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 60.214+/-57.408 χ^2/NDF : 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.729+/-57.735 χ^2/NDF : 3.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

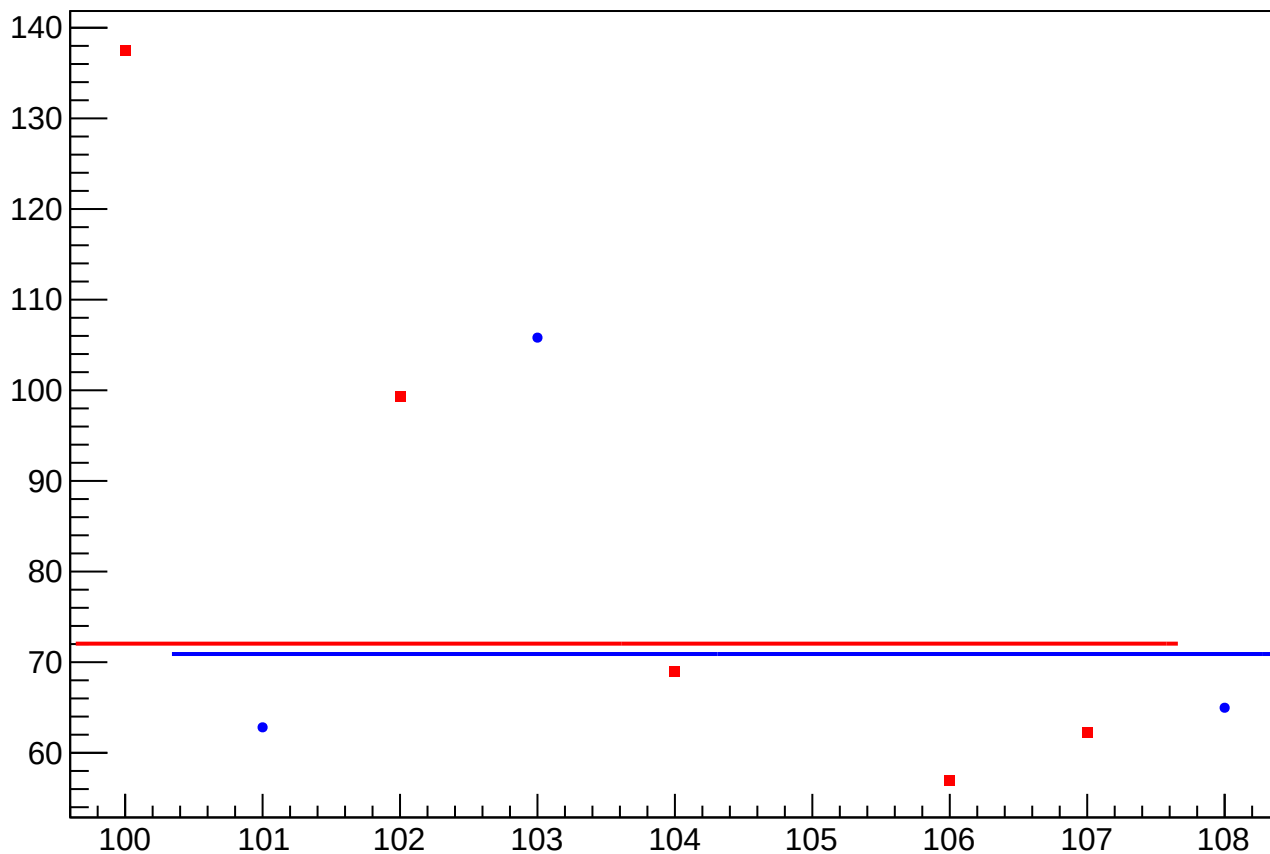
Right: 105.712+/-40.709 χ^2/NDF : 4.9/7

In: 60.214+/-57.408 χ^2/NDF : 0.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.712+/-40.709 χ^2/NDF : 4.9/7

cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 70.903+/-0.041 χ^2/NDF : 155533.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.046+/-0.041 χ^2/NDF : 173664.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

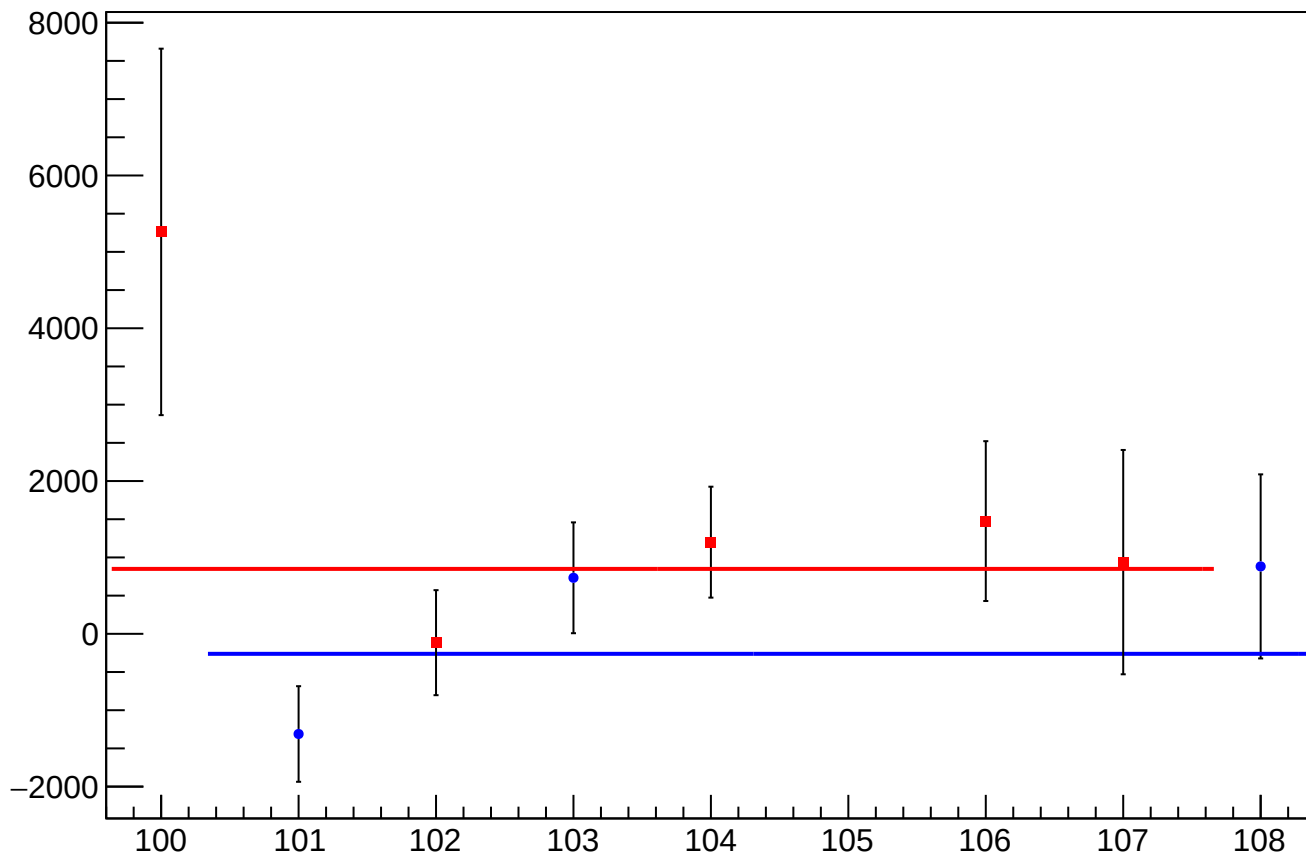
Right: 71.471+/-0.029 χ^2/NDF : 329592.0/7

In: 70.903+/-0.041 χ^2/NDF : 155533.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.471+/-0.029 χ^2/NDF : 329592.0/7

asym_sam_1548_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -261.879+/-440.979 χ^2/NDF : 5.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 849.926+/-423.939 χ^2/NDF : 5.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

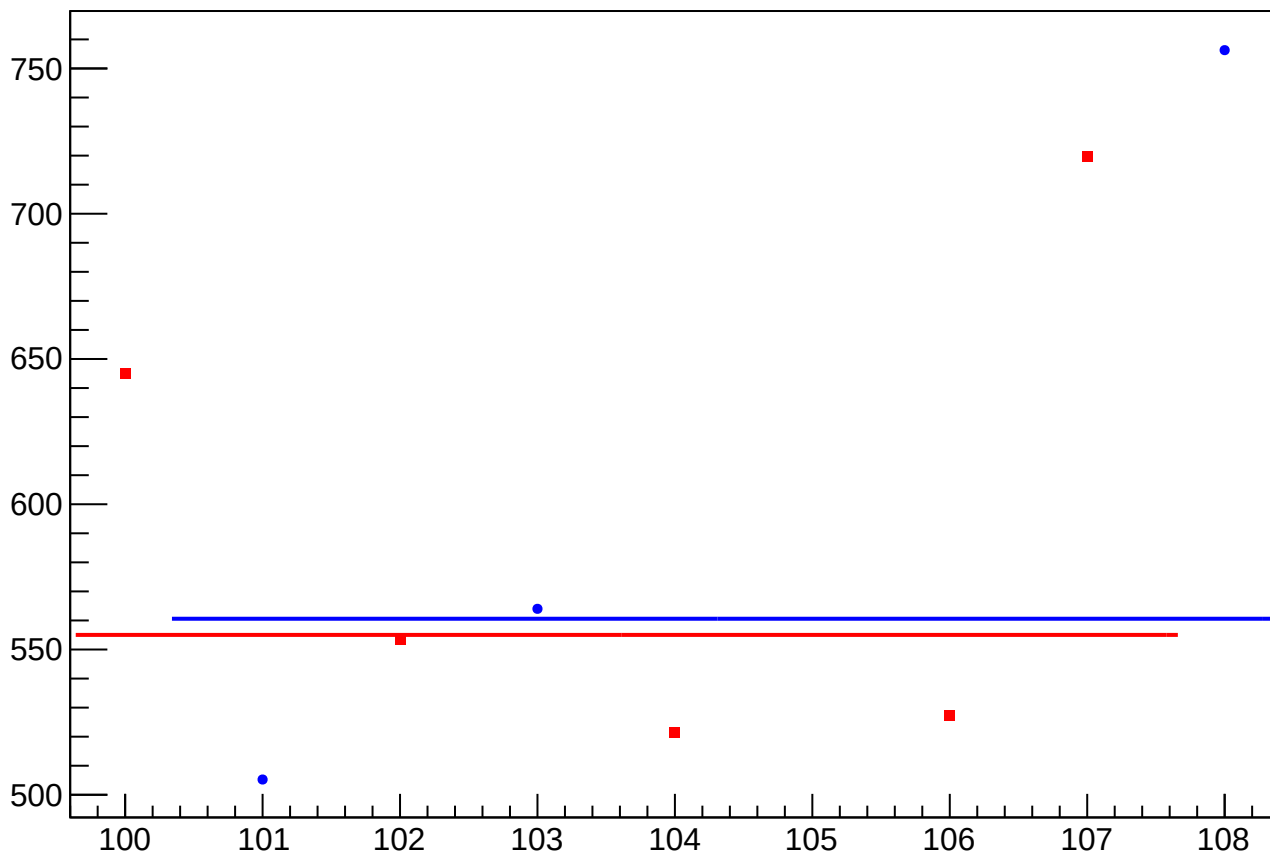
Right: 315.919+/-305.616 χ^2/NDF : 14.8/7

In: -261.879+/-440.979 χ^2/NDF : 5.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 315.919+/-305.616 χ^2/NDF : 14.8/7

asym_sam_1548_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 560.592+/-0.312 χ^2/NDF : 68451.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 555.028+/-0.300 χ^2/NDF : 33640.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

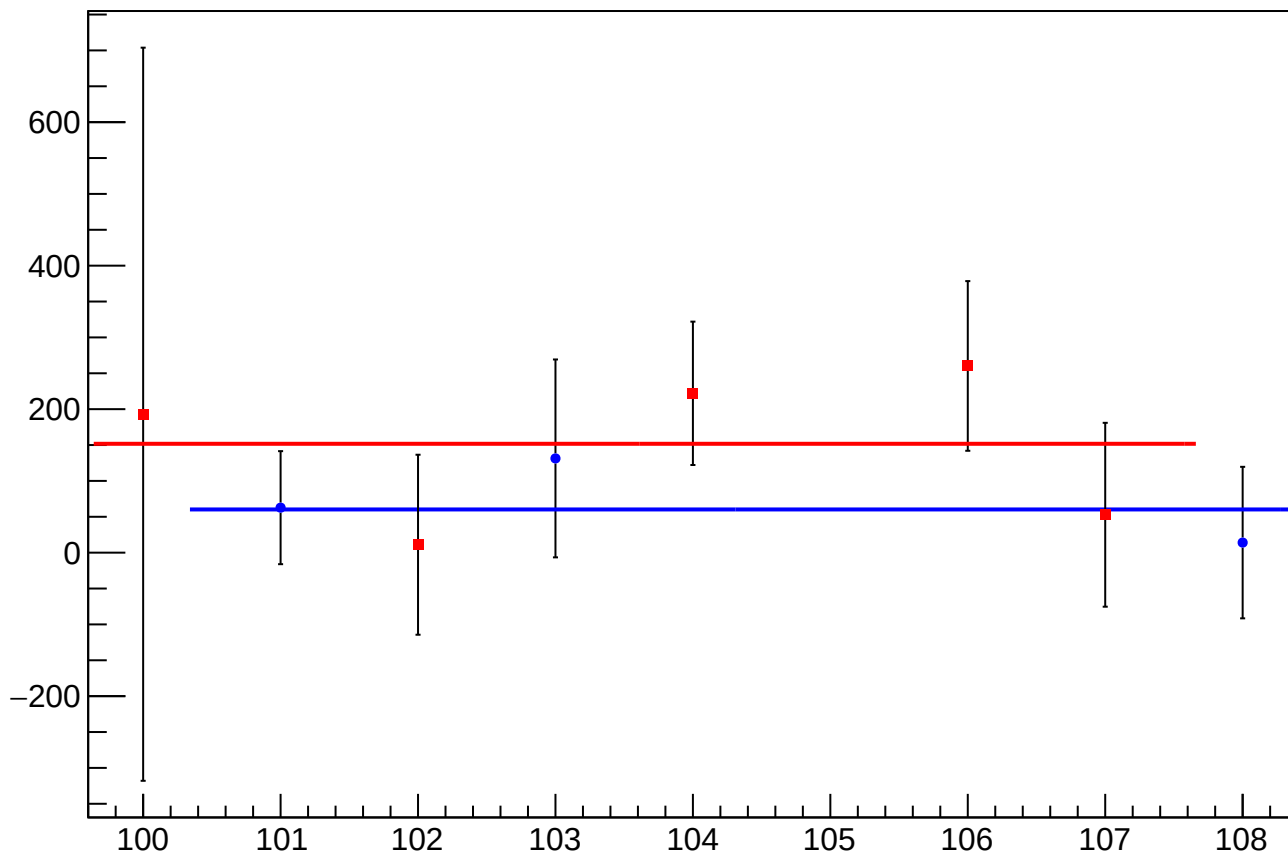
Right: 557.701+/-0.216 χ^2/NDF : 102257.1/7

In: 560.592+/-0.312 χ^2/NDF : 68451.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 557.701+/-0.216 χ^2/NDF : 102257.1/7

eigen_cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 60.214+/-57.408 χ^2/NDF : 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.729+/-57.735 χ^2/NDF : 3.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

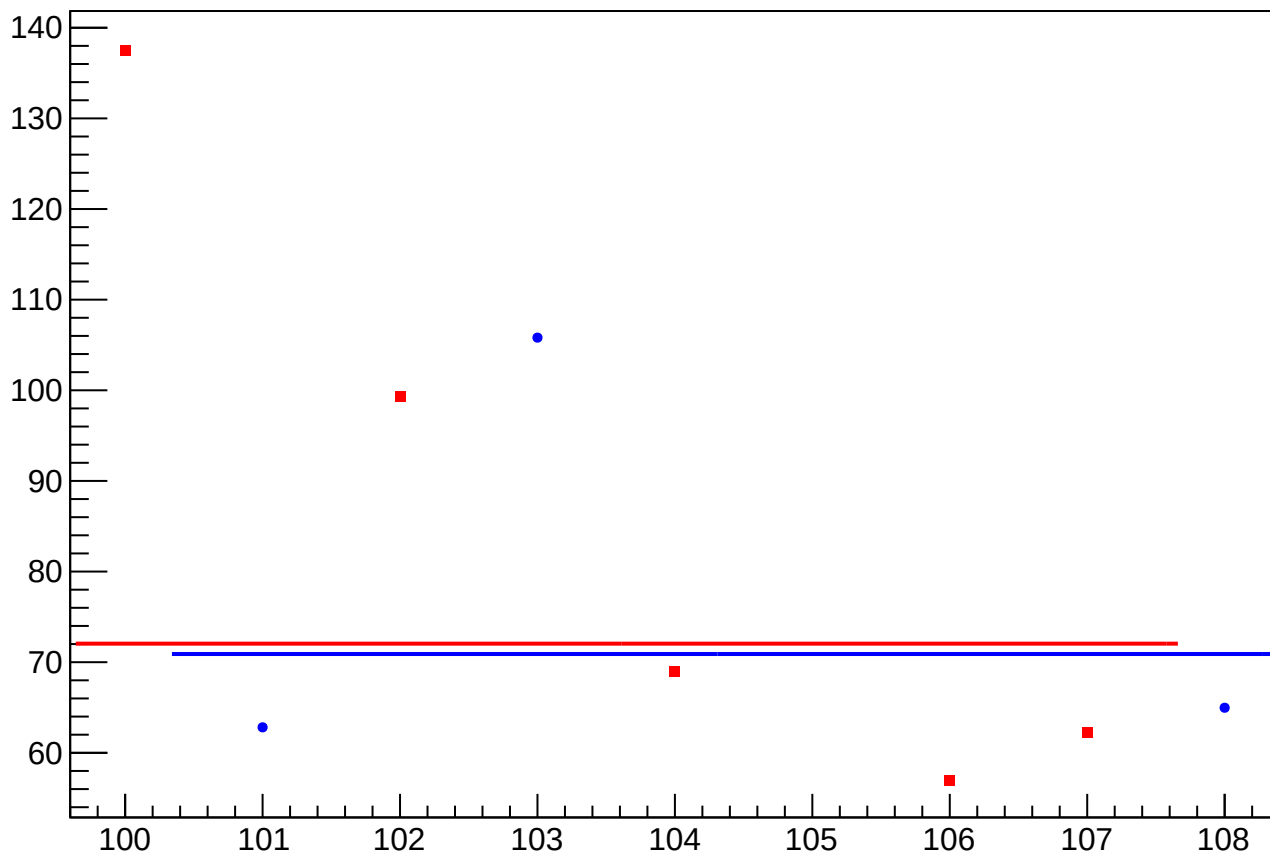
Right: 105.712+/-40.709 χ^2/NDF : 4.9/7

In: 60.214+/-57.408 χ^2/NDF : 0.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.712+/-40.709 χ^2/NDF : 4.9/7

eigen_cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 70.903+/-0.041 χ^2/NDF : 155533.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.046+/-0.041 χ^2/NDF : 173664.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

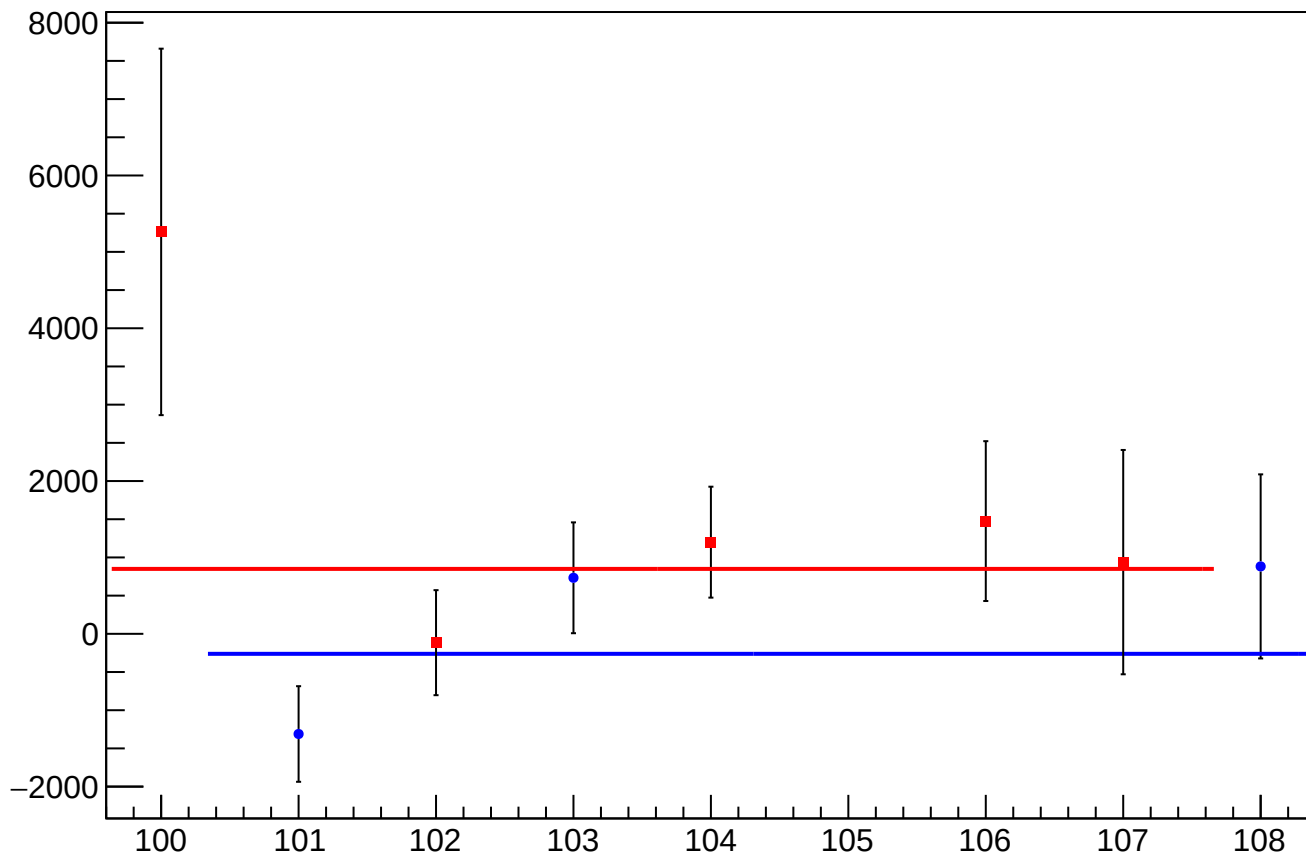
Right: 71.471+/-0.029 χ^2/NDF : 329592.0/7

In: 70.903+/-0.041 χ^2/NDF : 155533.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.471+/-0.029 χ^2/NDF : 329592.0/7

asym_sam_1548_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -261.879+/-440.979 χ^2/NDF : 5.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 849.926+/-423.939 χ^2/NDF : 5.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

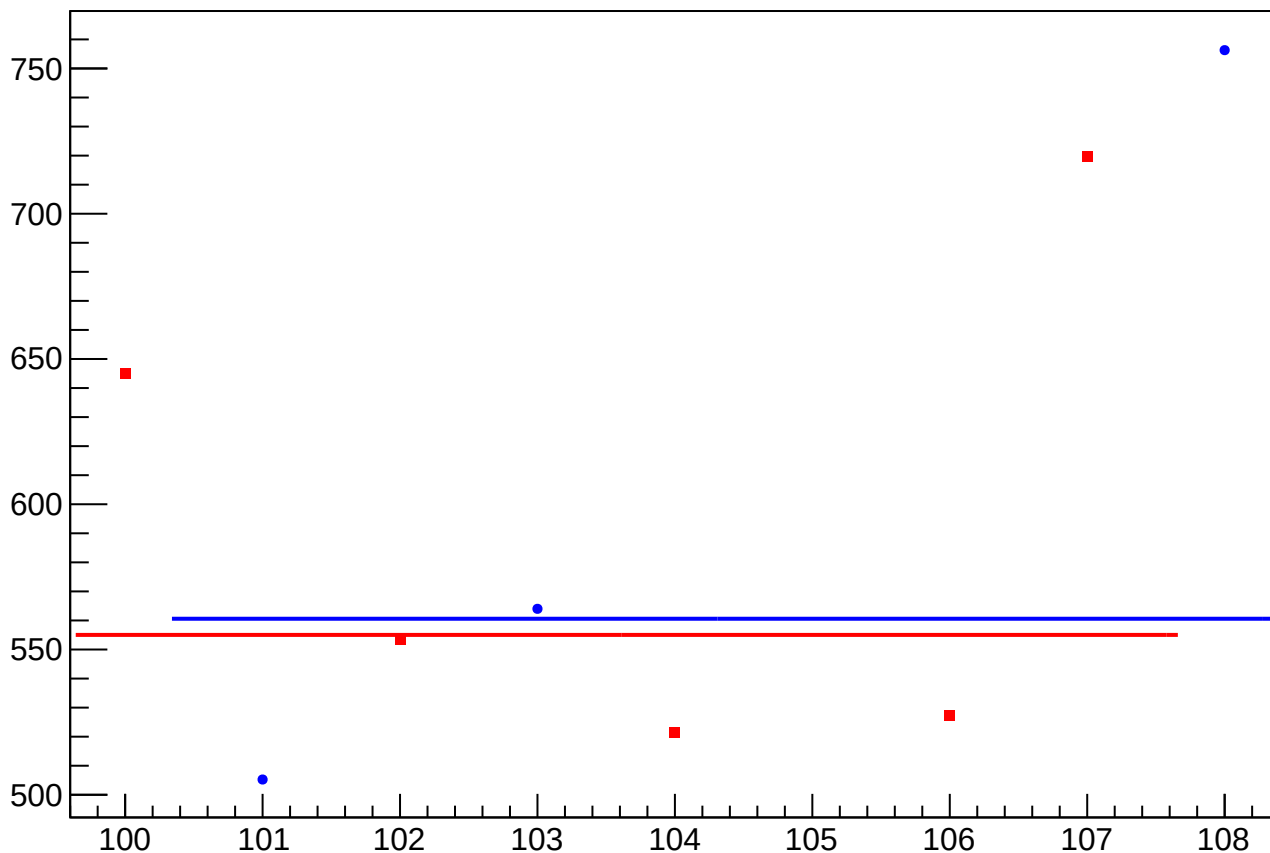
Right: 315.919+/-305.616 χ^2/NDF : 14.8/7

In: -261.879+/-440.979 χ^2/NDF : 5.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 315.919+/-305.616 χ^2/NDF : 14.8/7

asym_sam_1548_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 560.592+/-0.312 χ^2/NDF : 68451.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 555.028+/-0.300 χ^2/NDF : 33640.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

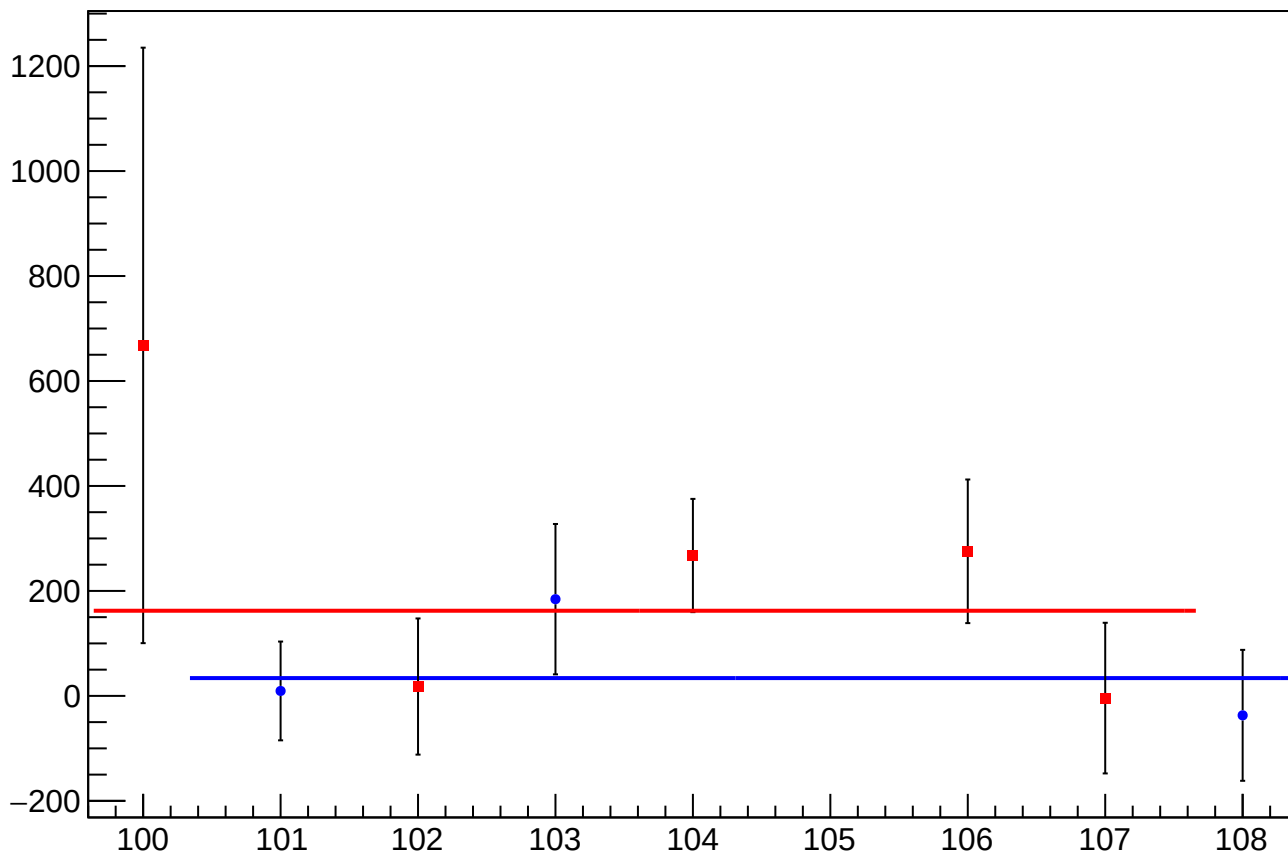
Right: 557.701+/-0.216 χ^2/NDF : 102257.1/7

In: 560.592+/-0.312 χ^2/NDF : 68451.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 557.701+/-0.216 χ^2/NDF : 102257.1/7

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 33.924+/-66.536 χ^2/NDF : 1.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 162.246+/-63.191 χ^2/NDF : 5.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

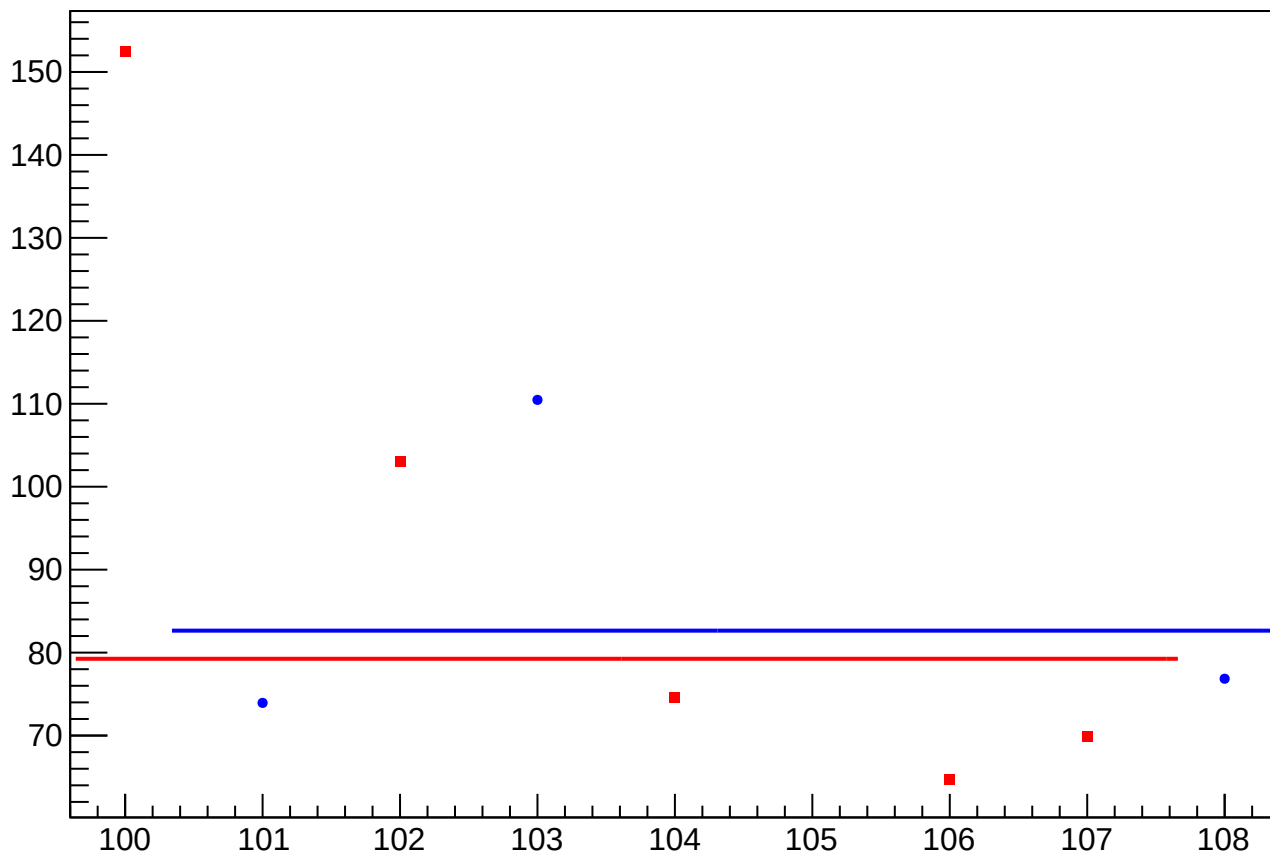
Right: 101.391+/-45.820 χ^2/NDF : 8.5/7

In: 33.924+/-66.536 χ^2/NDF : 1.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.391+/-45.820 χ^2/NDF : 8.5/7

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 82.647 $\pm$ 0.047 χ^2 /NDF: 96868.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 79.256 $\pm$ 0.045 χ^2 /NDF: 135748.1/4

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

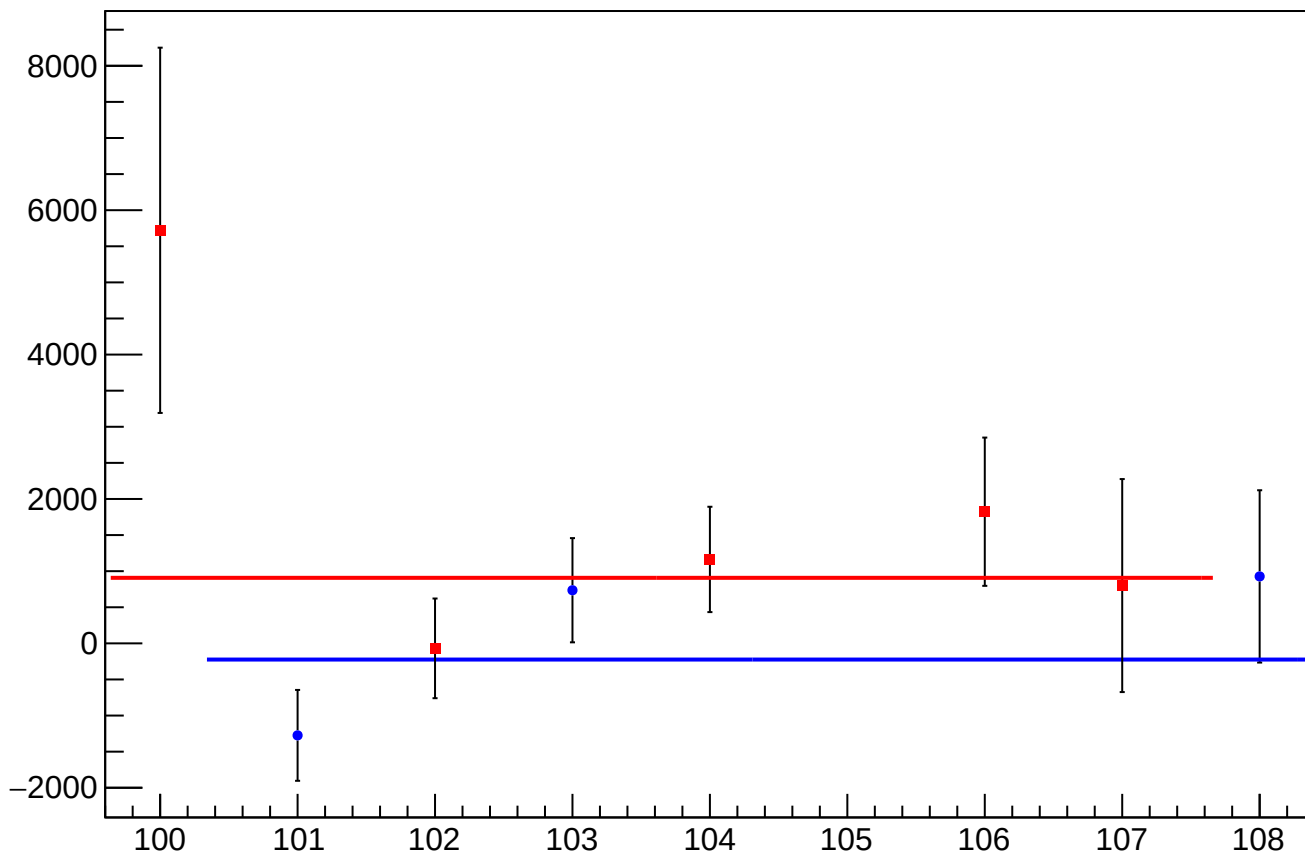
Right: 80.864 $\pm$ 0.032 χ^2 /NDF: 235347.6/7

In: 82.647 $\pm$ 0.047 χ^2 /NDF: 96868.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 80.864 $\pm$ 0.032 χ^2 /NDF: 235347.6/7

asym_sam_1548_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -224.247+/-440.787 χ^2/NDF : 5.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 907.775+/-424.805 χ^2/NDF : 6.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

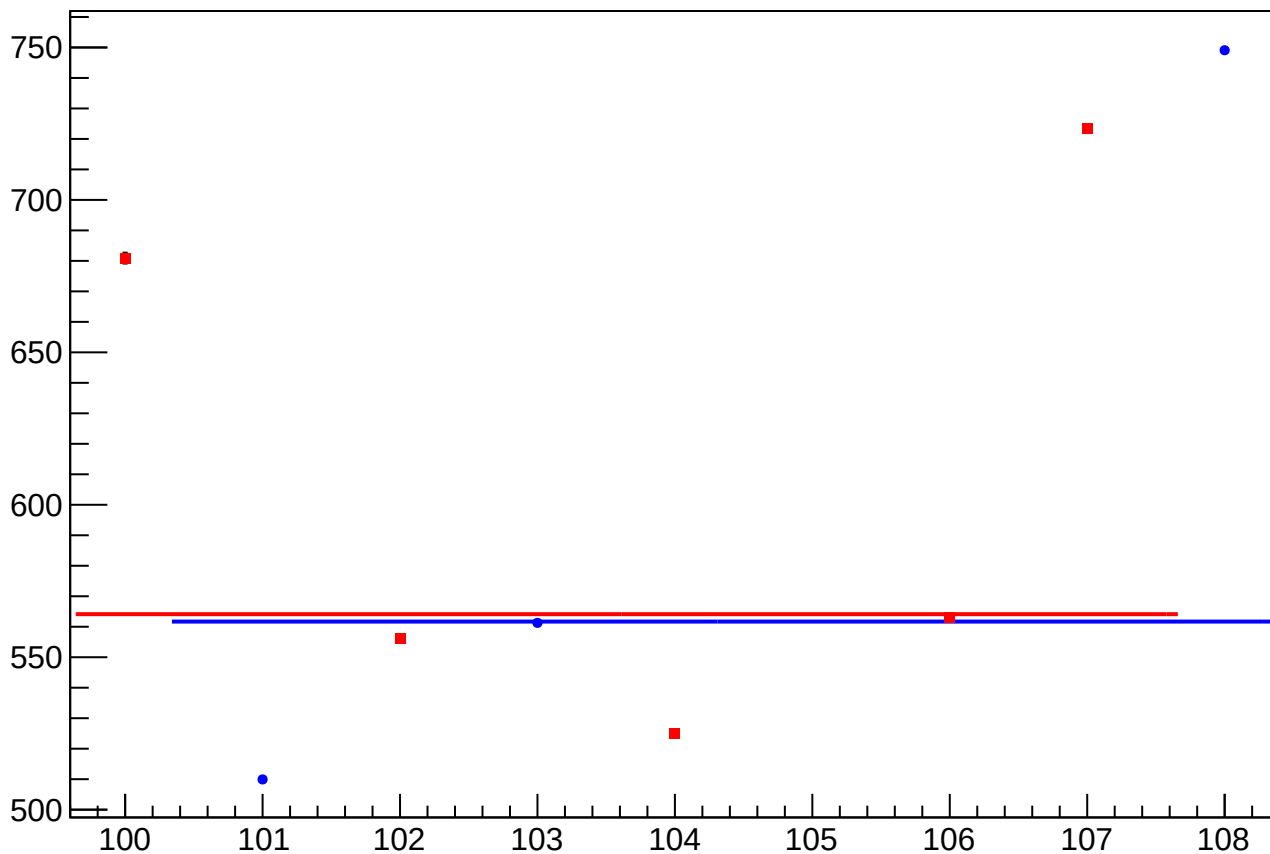
Right: 362.657+/-305.877 χ^2/NDF : 15.5/7

In: -224.247+/-440.787 χ^2/NDF : 5.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 362.657+/-305.877 χ^2/NDF : 15.5/7

asym_sam_1548_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 561.696+/-0.312 χ^2/NDF : 62853.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 564.124+/-0.300 χ^2/NDF : 33625.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

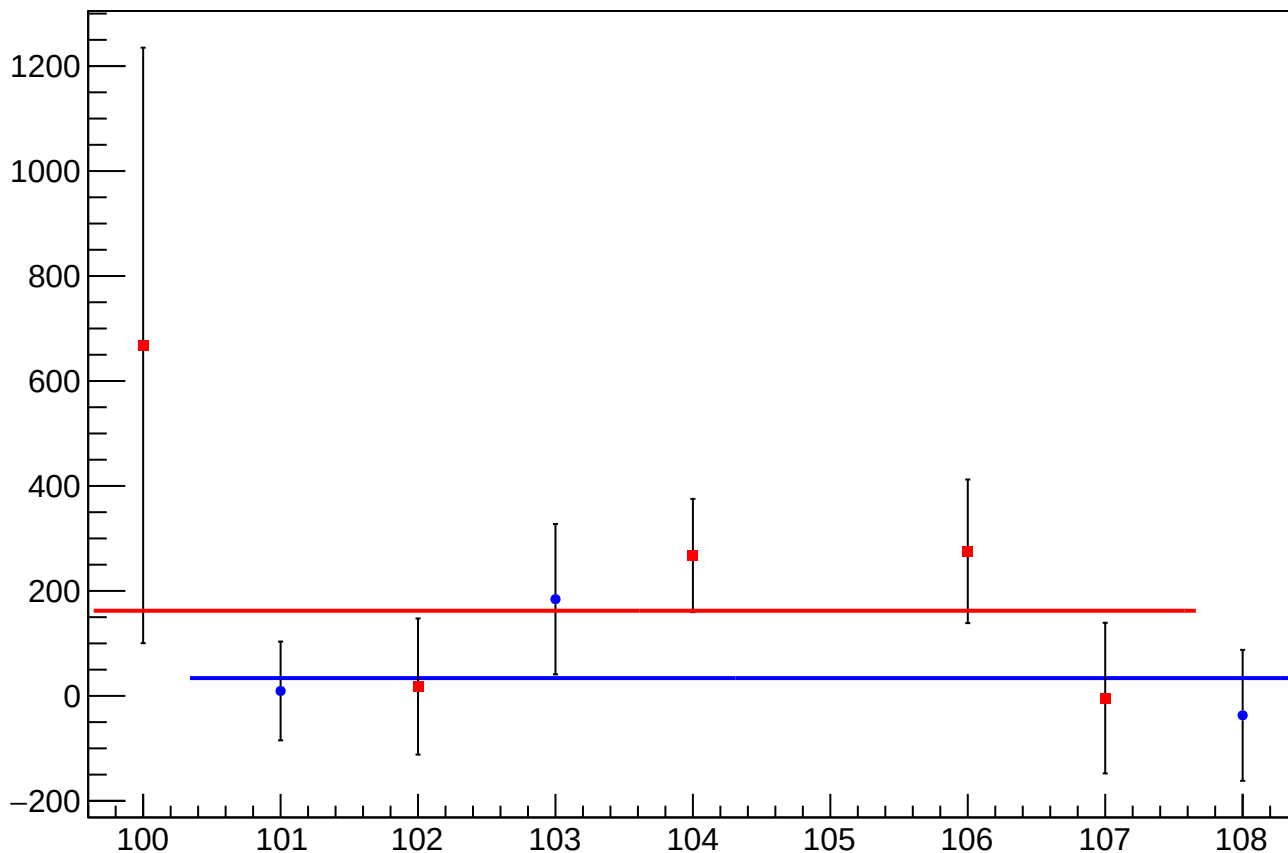
Right: 562.955+/-0.216 χ^2/NDF : 96510.4/7

In: 561.696+/-0.312 χ^2/NDF : 62853.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 562.955+/-0.216 χ^2/NDF : 96510.4/7

eigen_dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 33.926+/-66.536 χ^2/NDF : 1.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 162.245+/-63.191 χ^2/NDF : 5.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

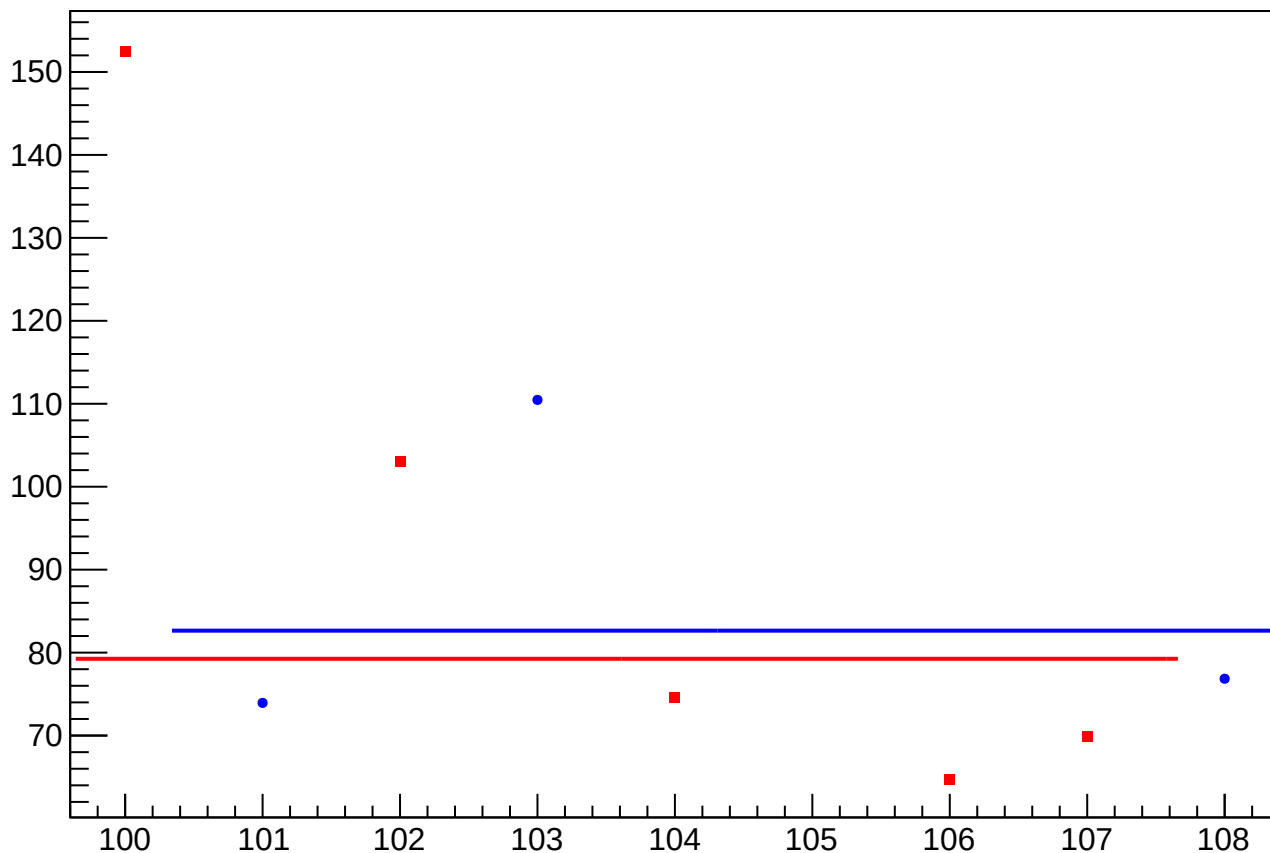
Right: 101.392+/-45.820 χ^2/NDF : 8.5/7

In: 33.926+/-66.536 χ^2/NDF : 1.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.392+/-45.820 χ^2/NDF : 8.5/7

eigen_dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 82.647+/-0.047 χ^2/NDF : 96866.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.256+/-0.045 χ^2/NDF : 135747.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

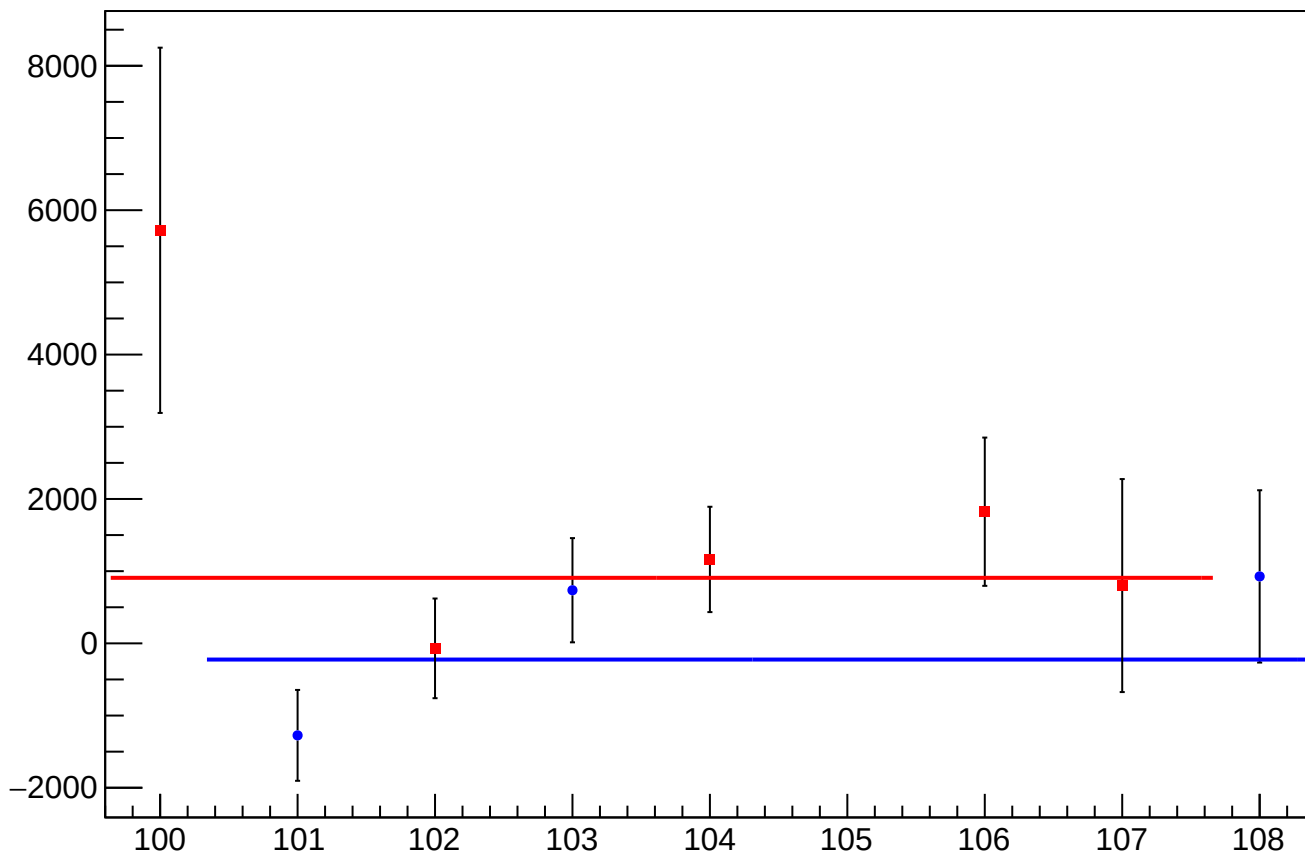
Right: 80.864+/-0.032 χ^2/NDF : 235345.3/7

In: 82.647+/-0.047 χ^2/NDF : 96866.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.864+/-0.032 χ^2/NDF : 235345.3/7

asym_sam_1548_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -224.248+/-440.787 χ^2/NDF : 5.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 907.775+/-424.805 χ^2/NDF : 6.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

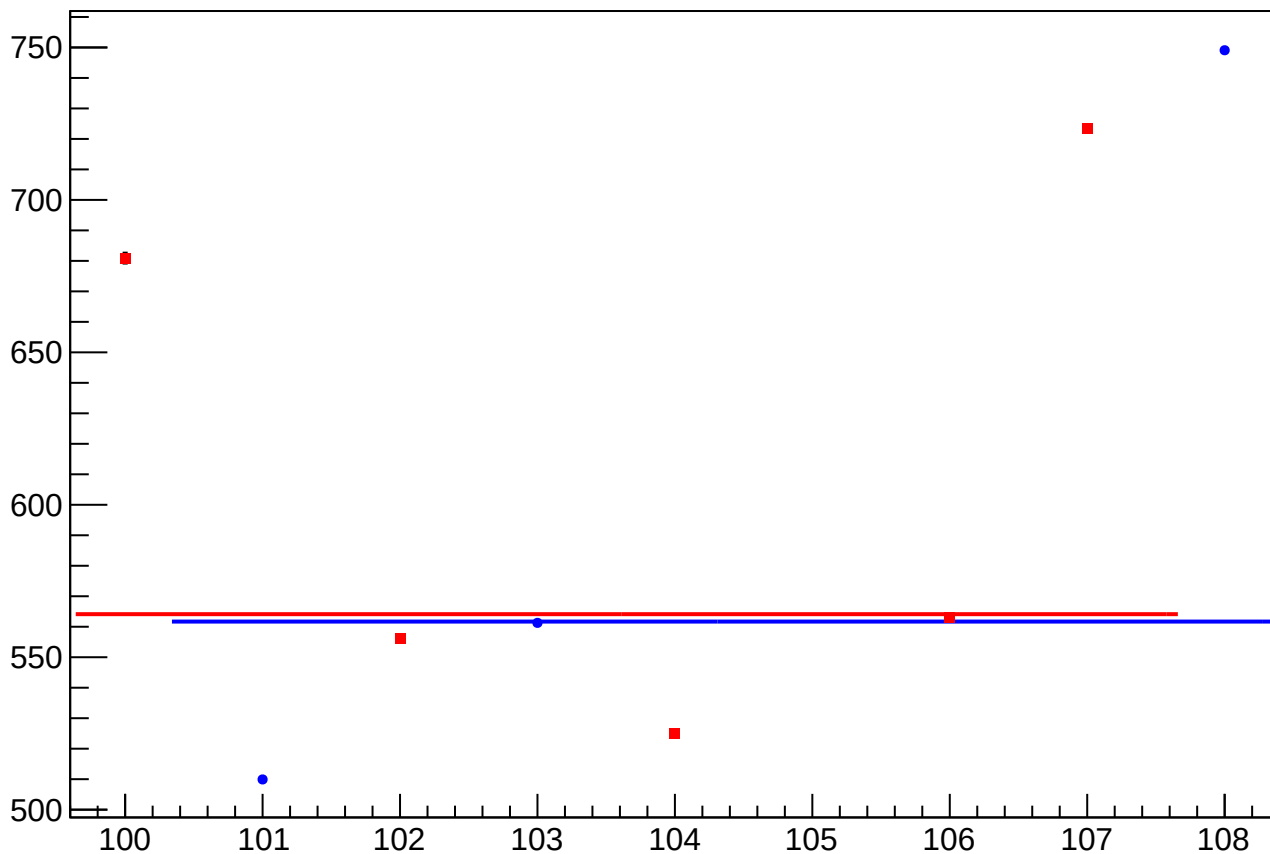
Right: 362.657+/-305.877 χ^2/NDF : 15.5/7

In: -224.248+/-440.787 χ^2/NDF : 5.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 362.657+/-305.877 χ^2/NDF : 15.5/7

asym_sam_1548_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 561.696+/-0.312 χ^2/NDF : 62853.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 564.124+/-0.300 χ^2/NDF : 33624.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

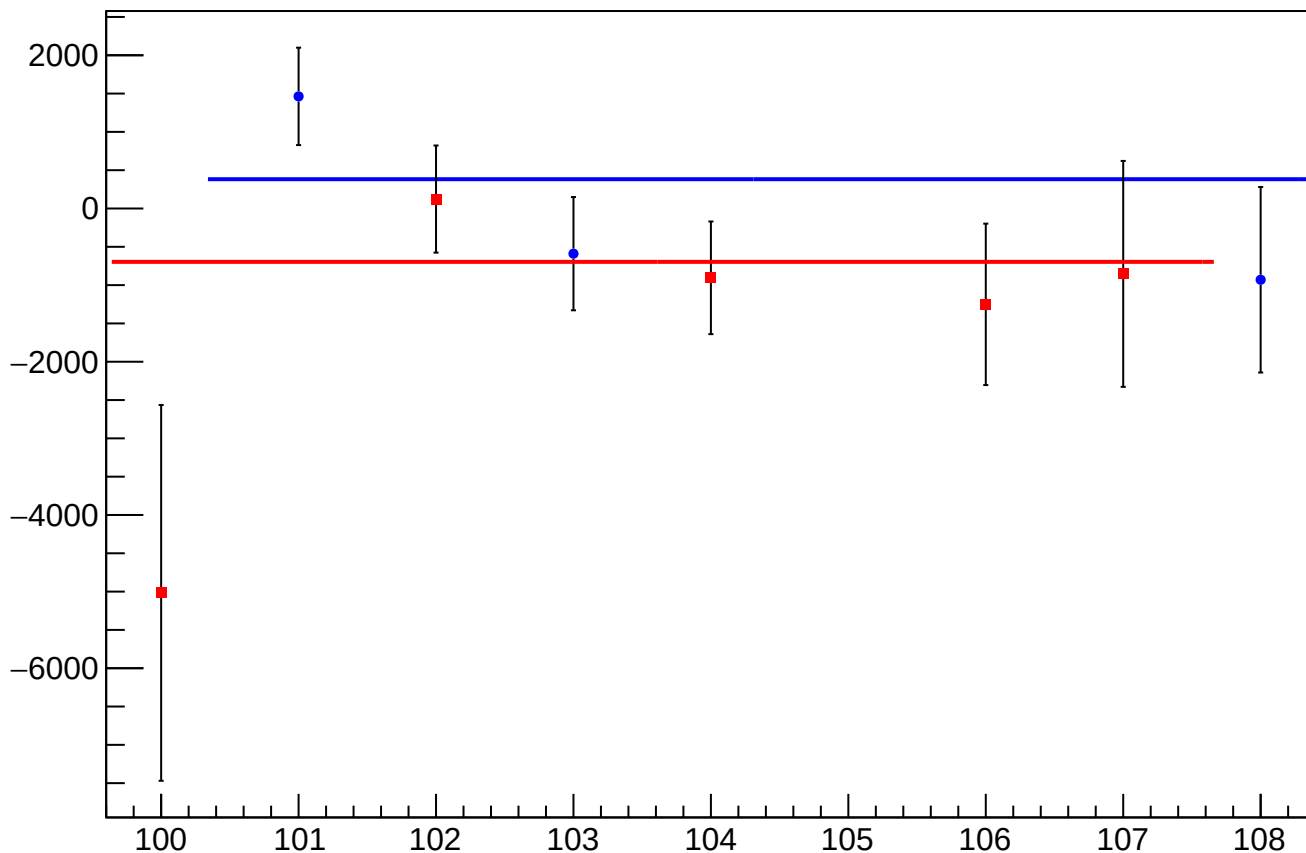
Right: 562.955+/-0.216 χ^2/NDF : 96510.1/7

In: 561.696+/-0.312 χ^2/NDF : 62853.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 562.955+/-0.216 χ^2/NDF : 96510.1/7

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 382.311+/-447.793 χ^2/NDF : 5.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -696.362+/-429.382 χ^2/NDF : 4.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

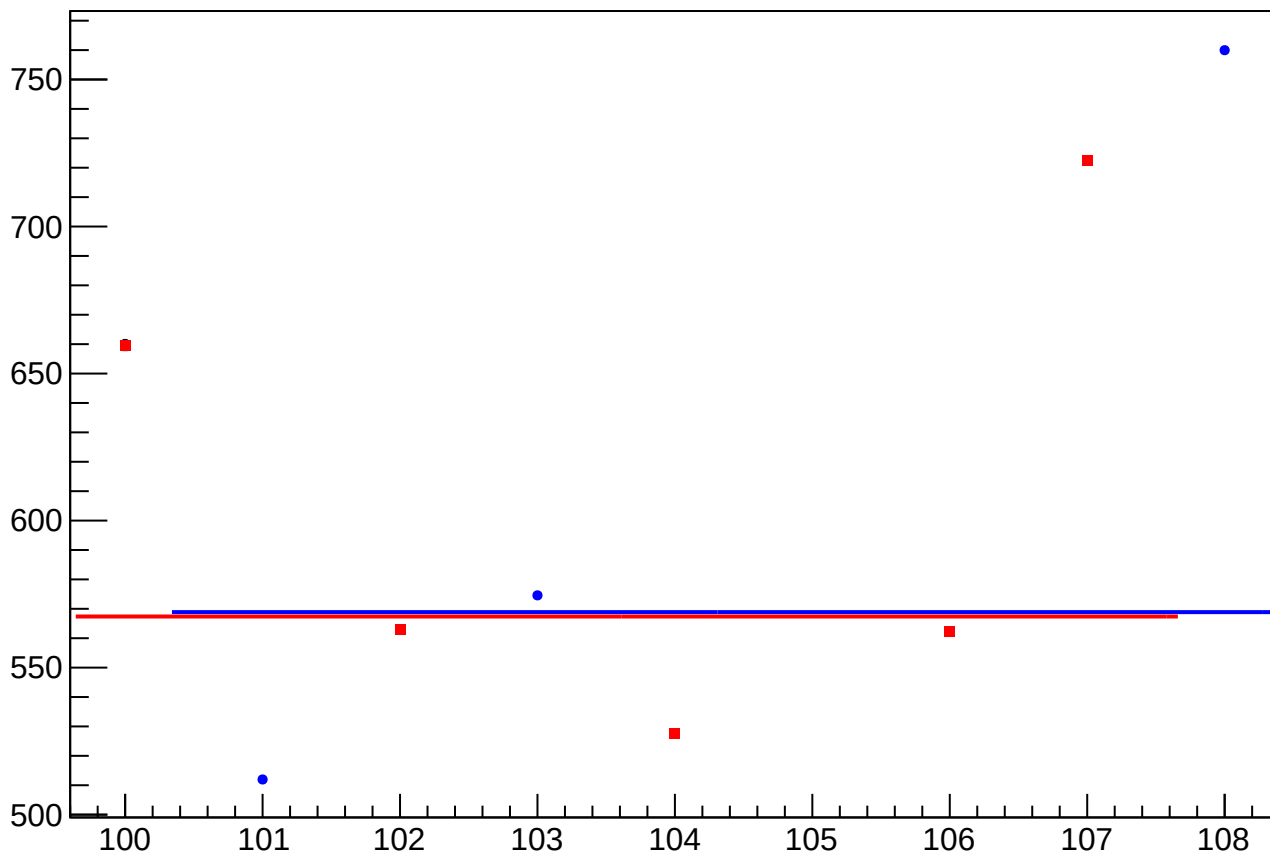
Right: -179.656+/-309.923 χ^2/NDF : 13.7/7

In: 382.311+/-447.793 χ^2/NDF : 5.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -179.656+/-309.923 χ^2/NDF : 13.7/7

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 568.872+/-0.317 χ^2/NDF : 65972.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 567.380+/-0.304 χ^2/NDF : 30926.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

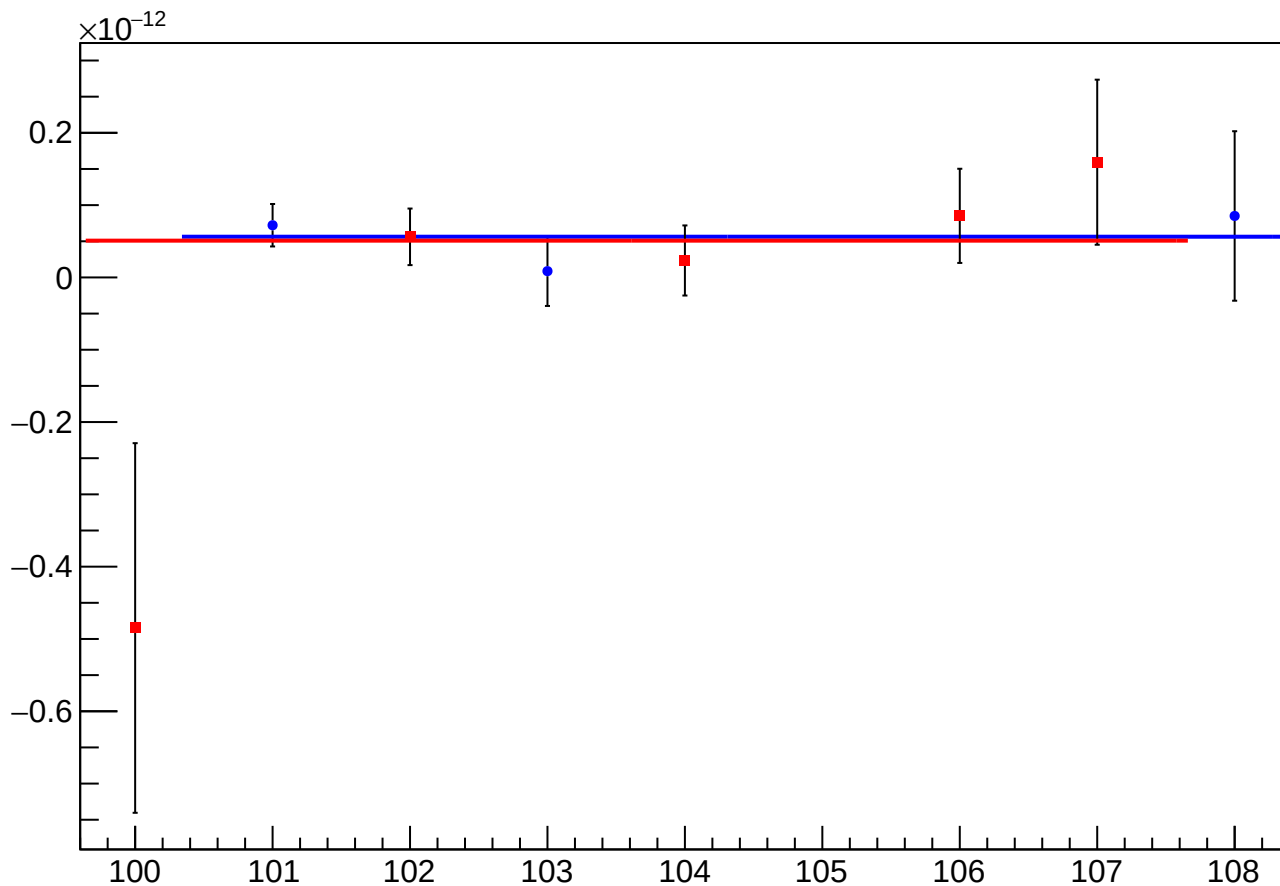
Right: 568.095+/-0.219 χ^2/NDF : 96909.8/7

In: 568.872+/-0.317 χ^2/NDF : 65972.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 568.095+/-0.219 χ^2/NDF : 96909.8/7

asym_sam_1548_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

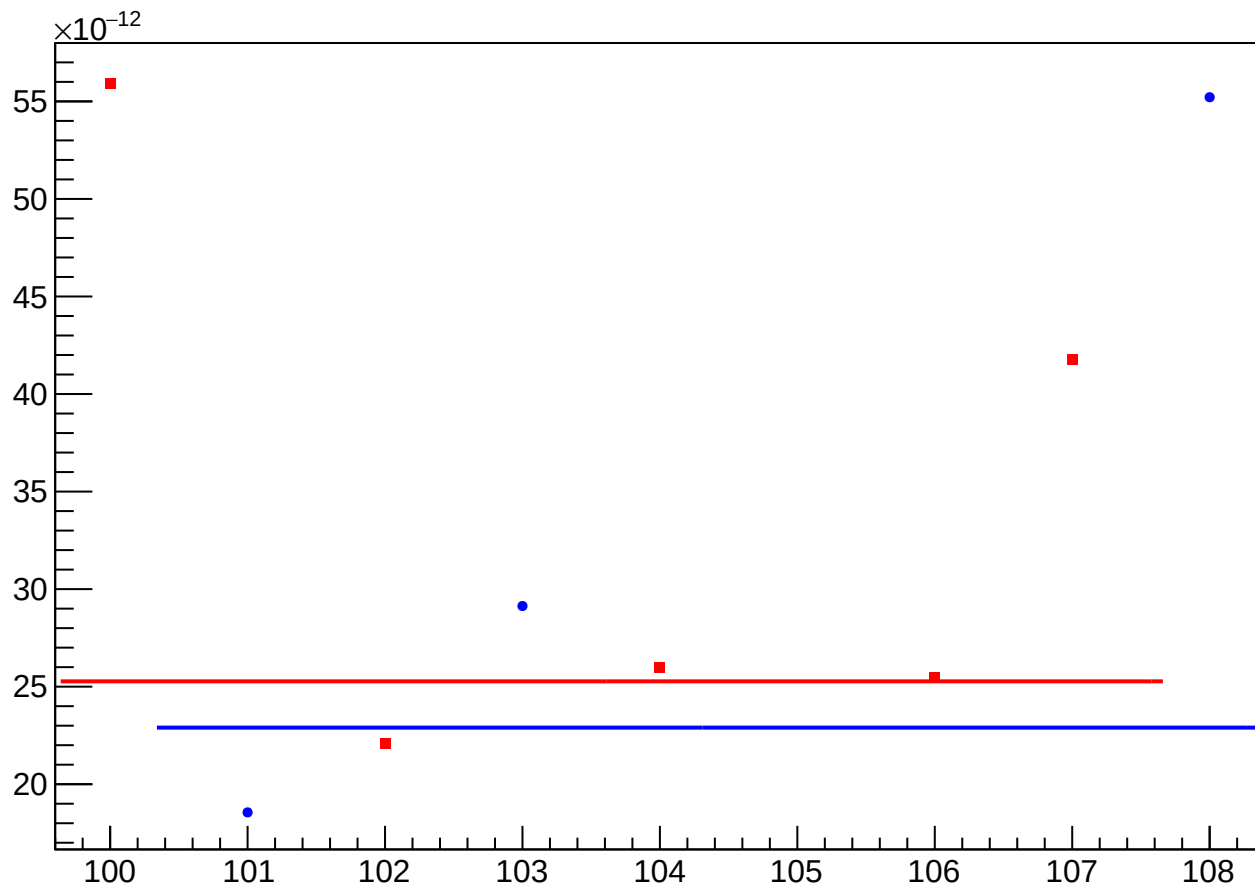
Right: 0.000+/-0.000 χ^2/NDF : 7.3/7

In: 0.000+/-0.000 χ^2/NDF : 1.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.3/7

asym_sam_1548_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 229291.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 84327.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

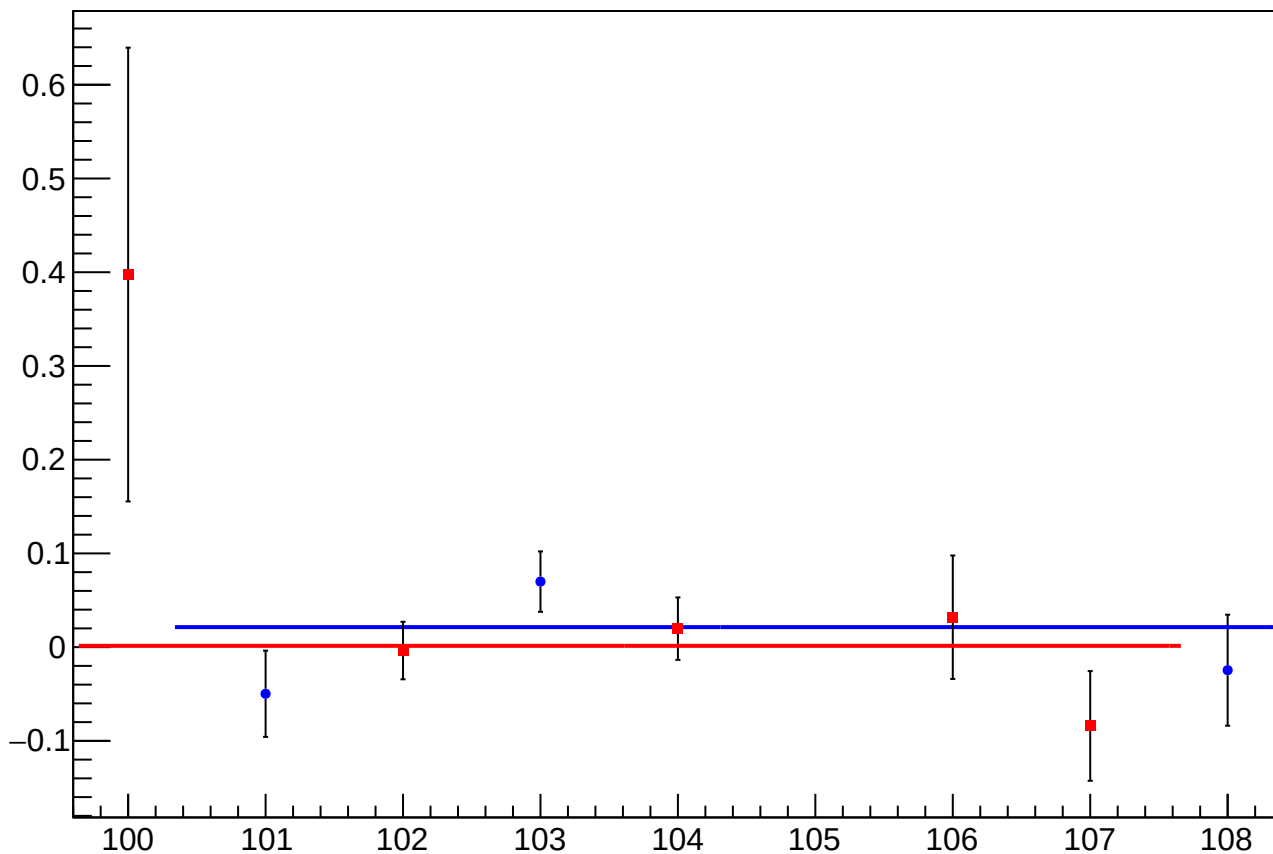
Right: 0.000+/-0.000 χ^2/NDF : 322196.3/7

In: 0.000+/-0.000 χ^2/NDF : 229291.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 322196.3/7

asym_sam_1548_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.024 χ^2/NDF : 5.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.020 χ^2/NDF : 5.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

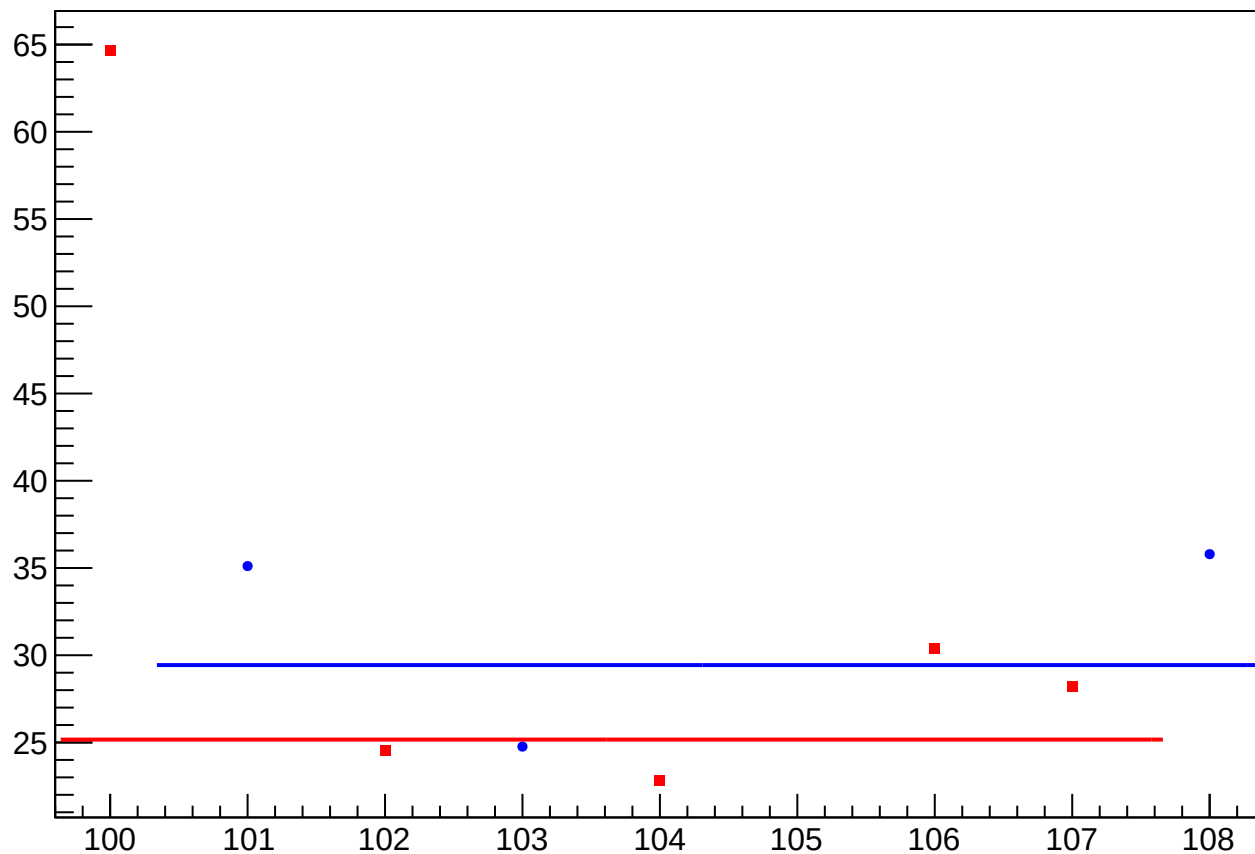
Right: 0.010+/-0.015 χ^2/NDF : 11.0/7

In: 0.021+/-0.024 χ^2/NDF : 5.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.015 χ^2/NDF : 11.0/7

asym_sam_1548_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.436+/-0.017 χ^2/NDF : 95473.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.167+/-0.014 χ^2/NDF : 81857.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

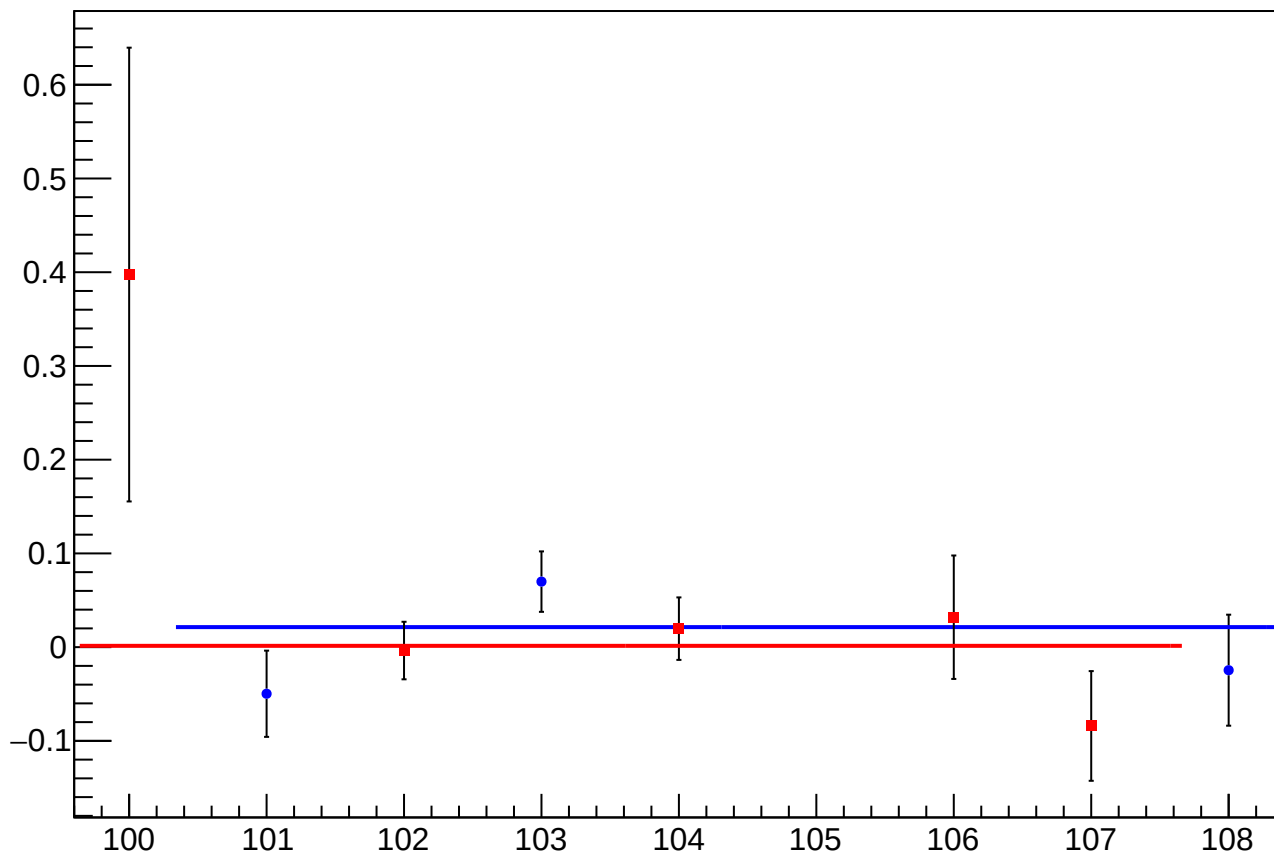
Right: 26.906+/-0.011 χ^2/NDF : 214478.9/7

In: 29.436+/-0.017 χ^2/NDF : 95473.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.906+/-0.011 χ^2/NDF : 214478.9/7

asym_sam_1548_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.024 χ^2/NDF : 5.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.020 χ^2/NDF : 5.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

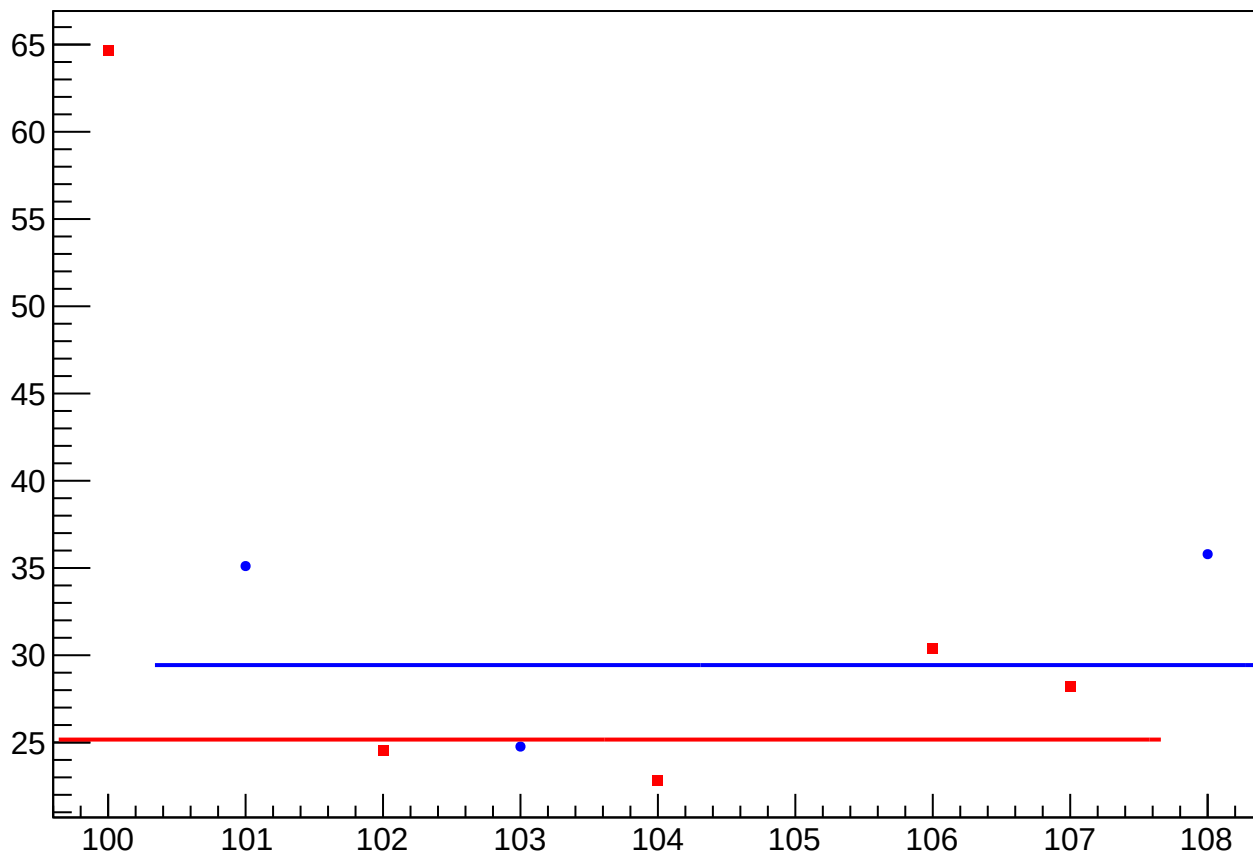
Right: 0.010+/-0.015 χ^2/NDF : 11.0/7

In: 0.021+/-0.024 χ^2/NDF : 5.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.015 χ^2/NDF : 11.0/7

asym_sam_1548_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.436+/-0.017 χ^2/NDF : 95473.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.167+/-0.014 χ^2/NDF : 81857.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

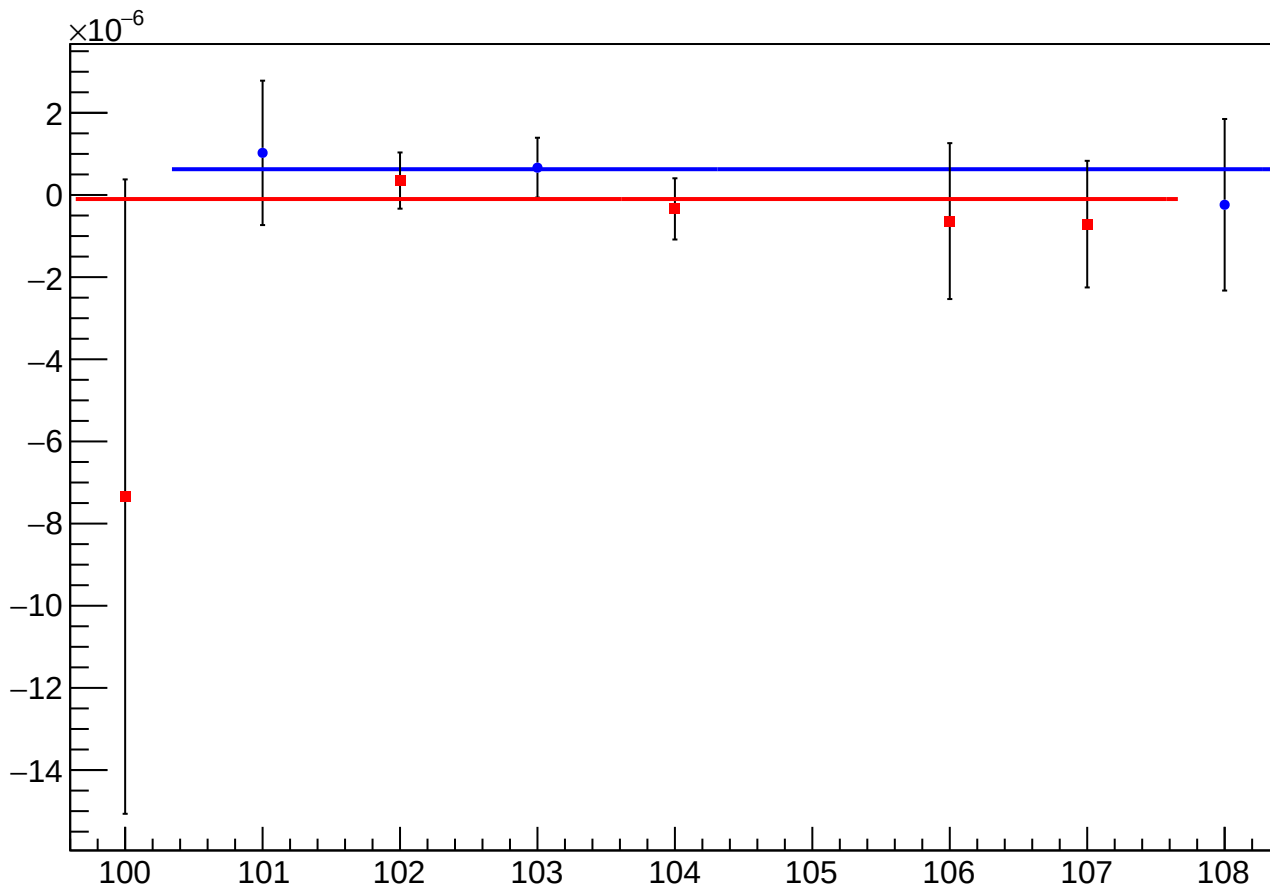
Right: 26.906+/-0.011 χ^2/NDF : 214478.9/7

In: 29.436+/-0.017 χ^2/NDF : 95473.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.906+/-0.011 χ^2/NDF : 214478.9/7

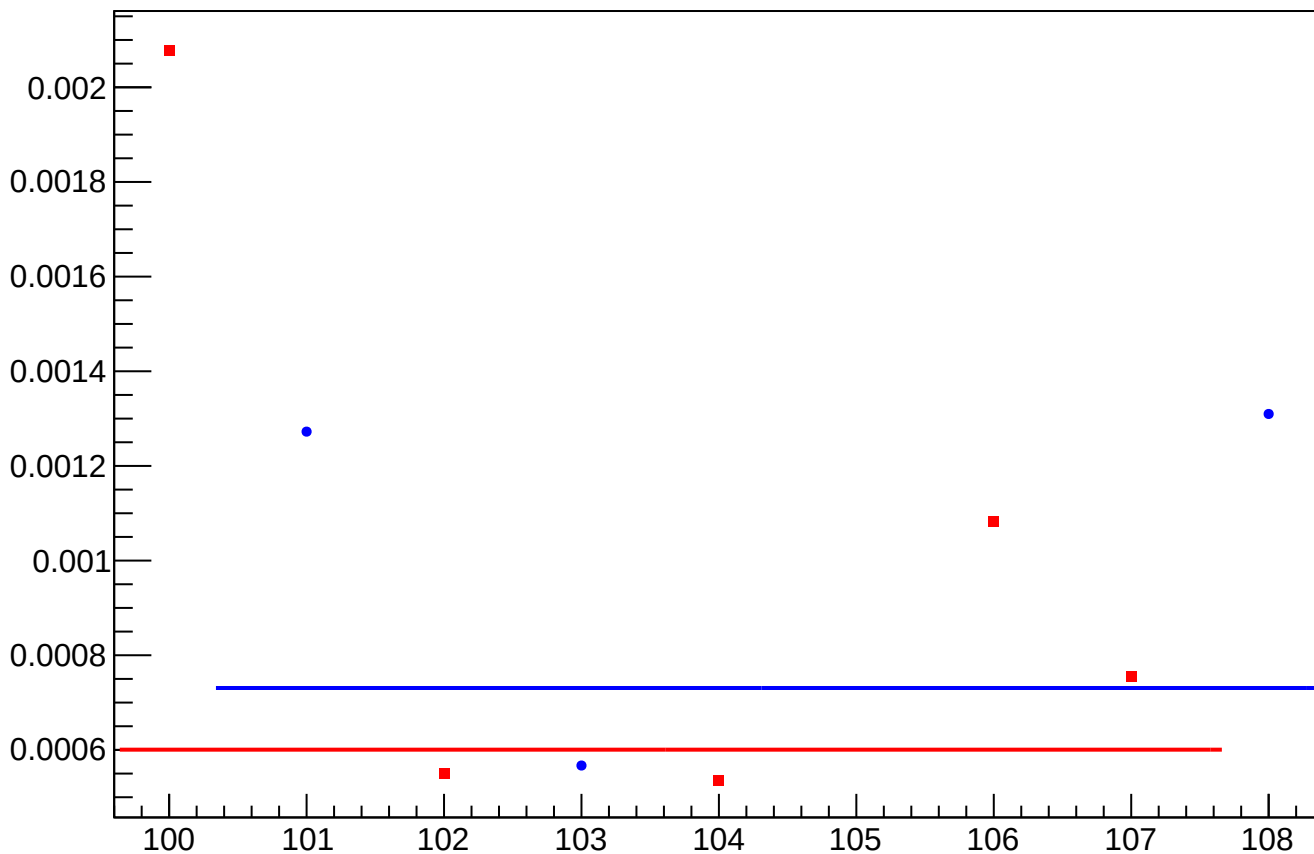
asym_sam_1548_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.2/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 1.7/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 2.7/7
 In: 0.000+/-0.000 χ^2/NDF : 0.2/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 2.7/7

asym_sam_1548_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 444589.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 248503.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

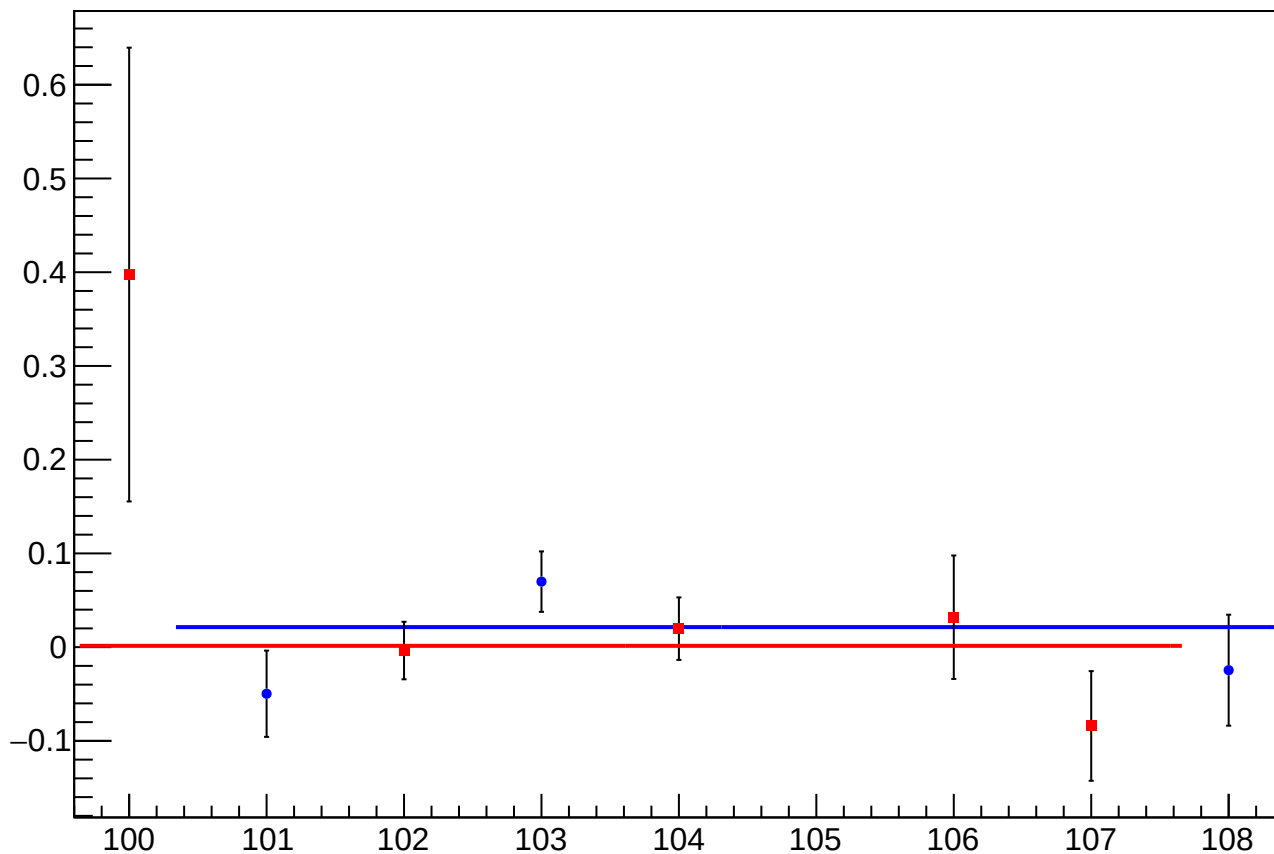
Right: 0.001+/-0.000 χ^2/NDF : 747342.6/7

In: 0.001+/-0.000 χ^2/NDF : 444589.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 747342.6/7

asym_sam_1548_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.024 χ^2/NDF : 5.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.020 χ^2/NDF : 5.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

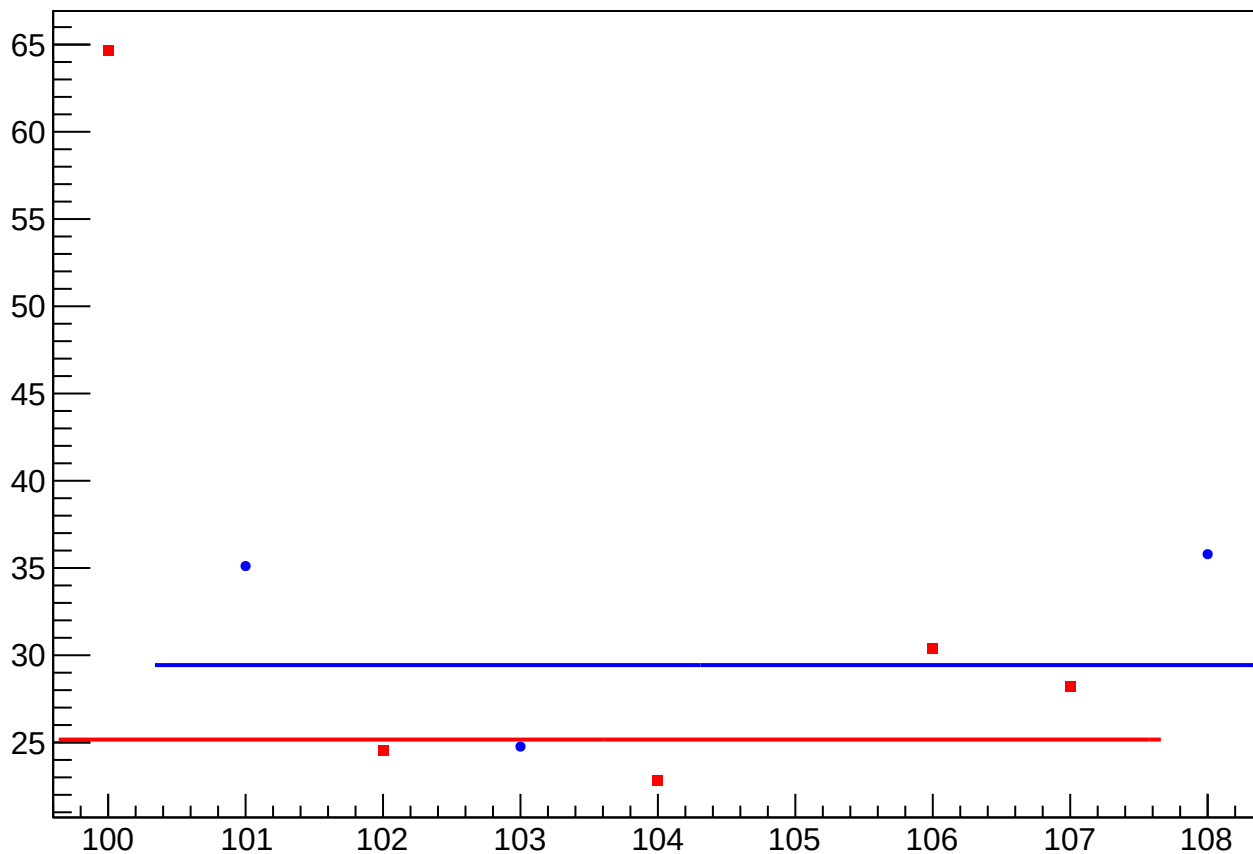
Right: 0.010+/-0.015 χ^2/NDF : 11.0/7

In: 0.021+/-0.024 χ^2/NDF : 5.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.015 χ^2/NDF : 11.0/7

asym_sam_1548_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.436+/-0.017 χ^2/NDF : 95477.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.167+/-0.014 χ^2/NDF : 81858.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

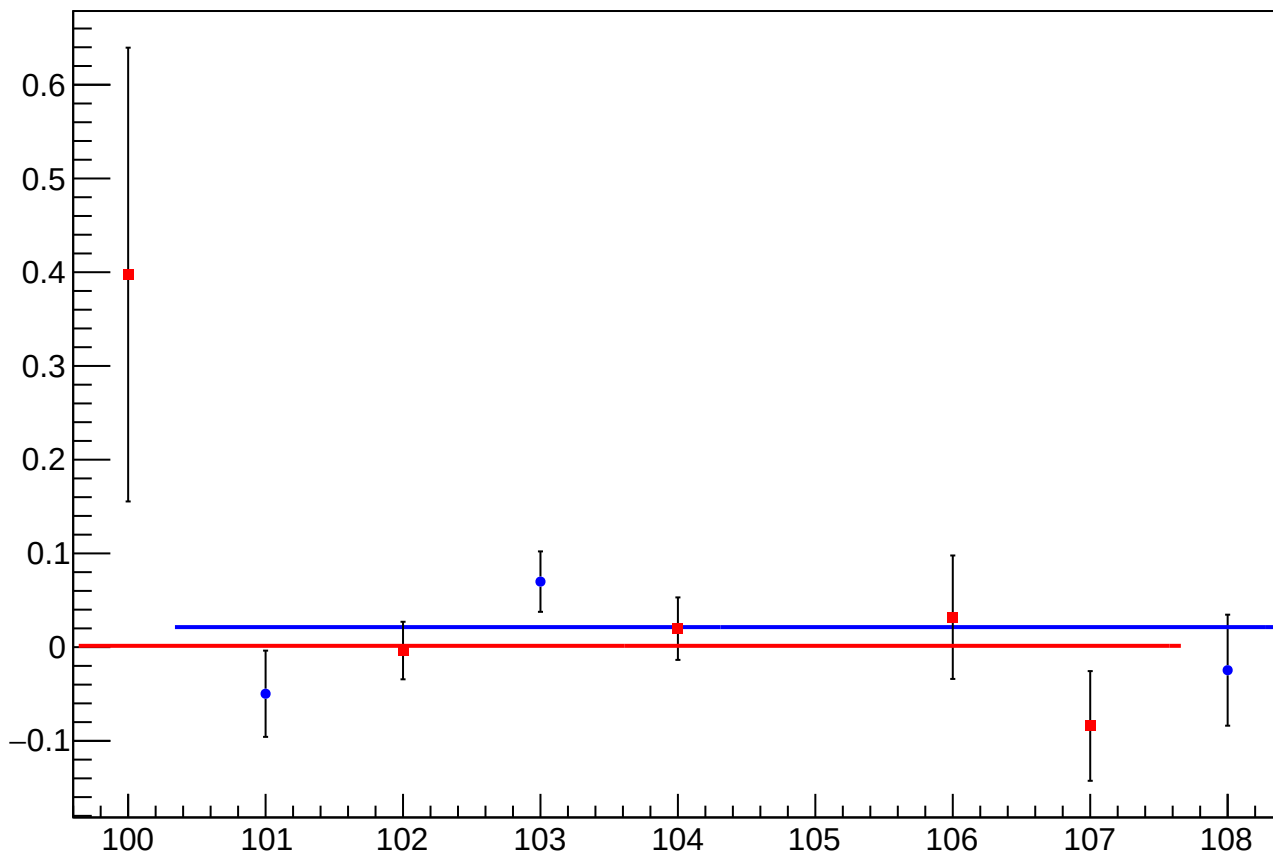
Right: 26.906+/-0.011 χ^2/NDF : 214485.3/7

In: 29.436+/-0.017 χ^2/NDF : 95477.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.906+/-0.011 χ^2/NDF : 214485.3/7

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.024 χ^2/NDF : 5.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.020 χ^2/NDF : 5.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

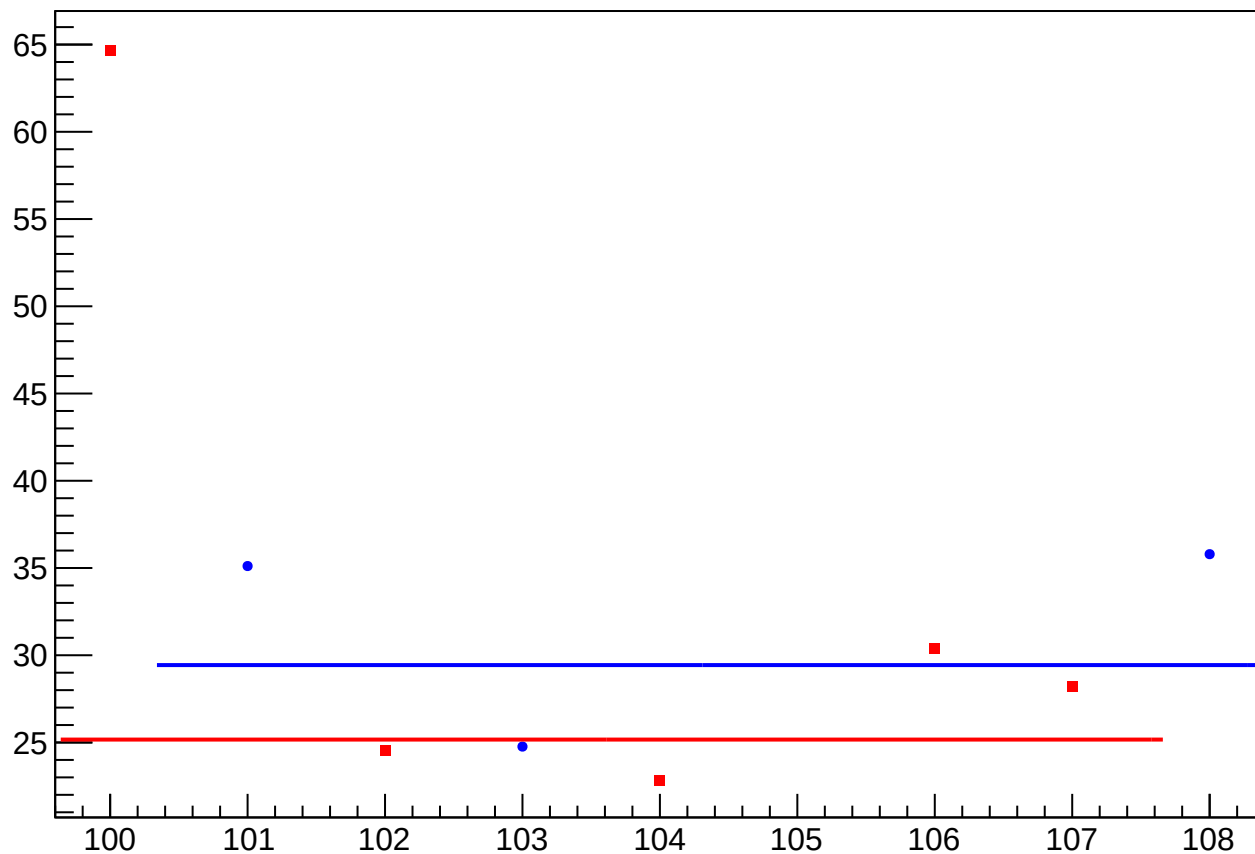
Right: 0.010+/-0.015 χ^2/NDF : 11.0/7

In: 0.021+/-0.024 χ^2/NDF : 5.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.015 χ^2/NDF : 11.0/7

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.436+/-0.017 χ^2/NDF : 95477.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.167+/-0.014 χ^2/NDF : 81858.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

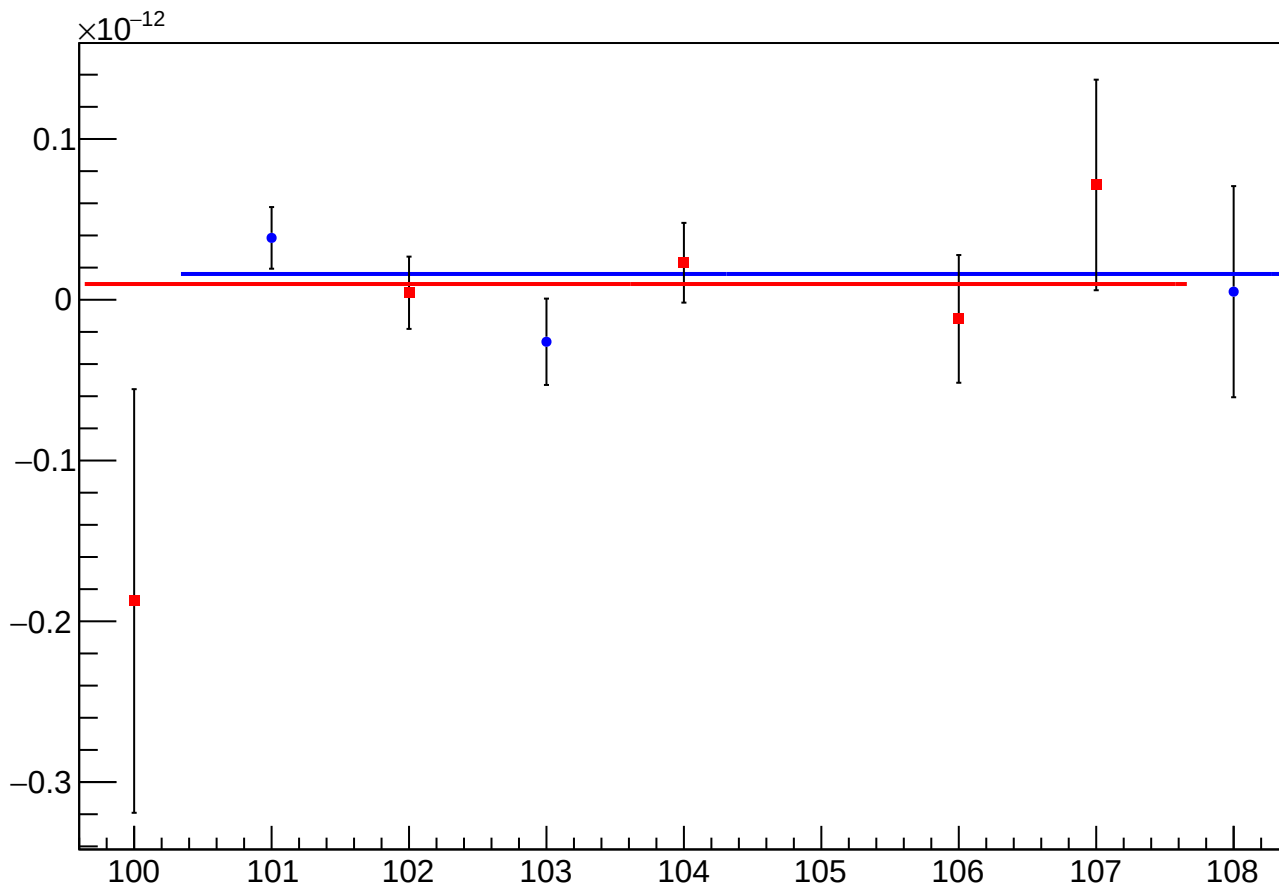
Right: 26.906+/-0.011 χ^2/NDF : 214485.3/7

In: 29.436+/-0.017 χ^2/NDF : 95477.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.906+/-0.011 χ^2/NDF : 214485.3/7

asym_sam_1548_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

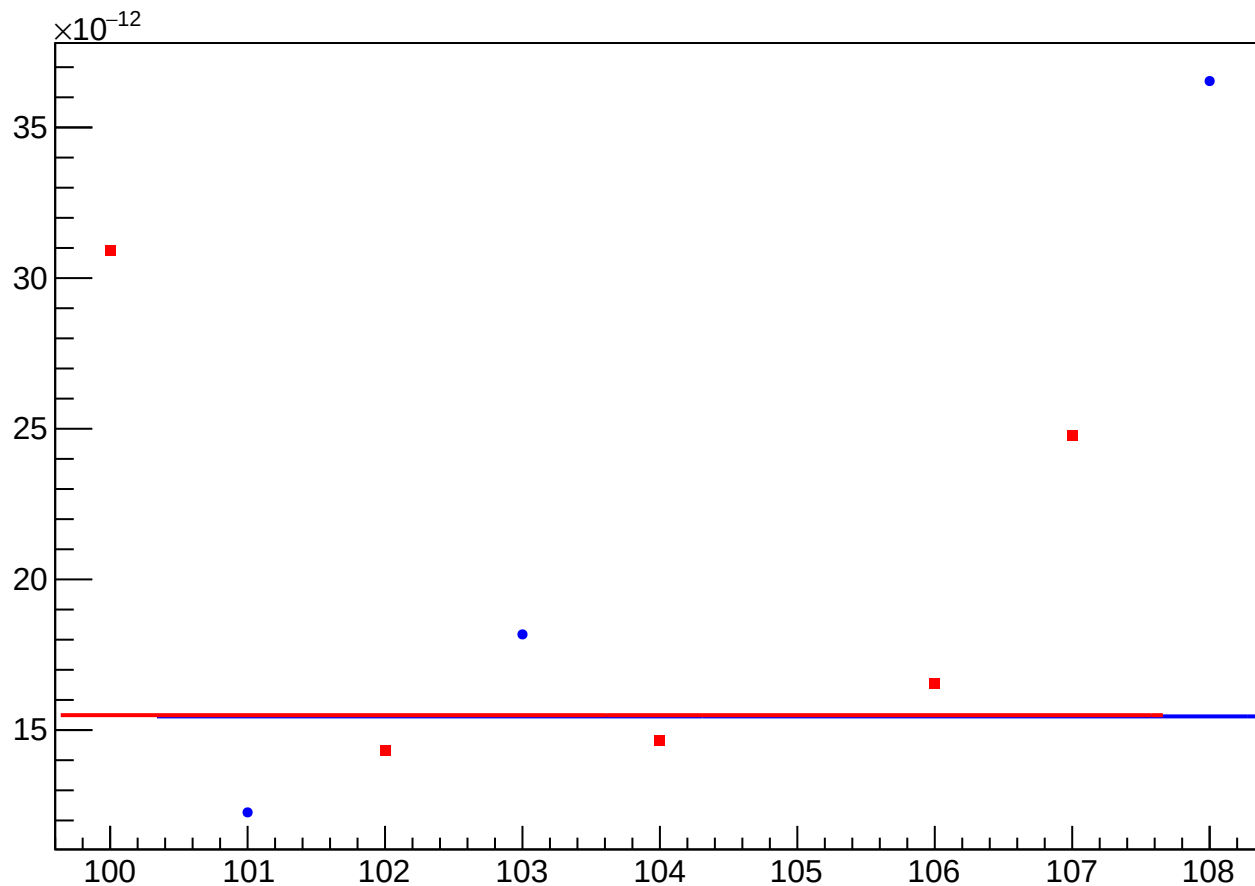
Right: 0.000+/-0.000 χ^2/NDF : 7.7/7

In: 0.000+/-0.000 χ^2/NDF : 3.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.7/7

asym_sam_1548_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 281951.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 76850.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

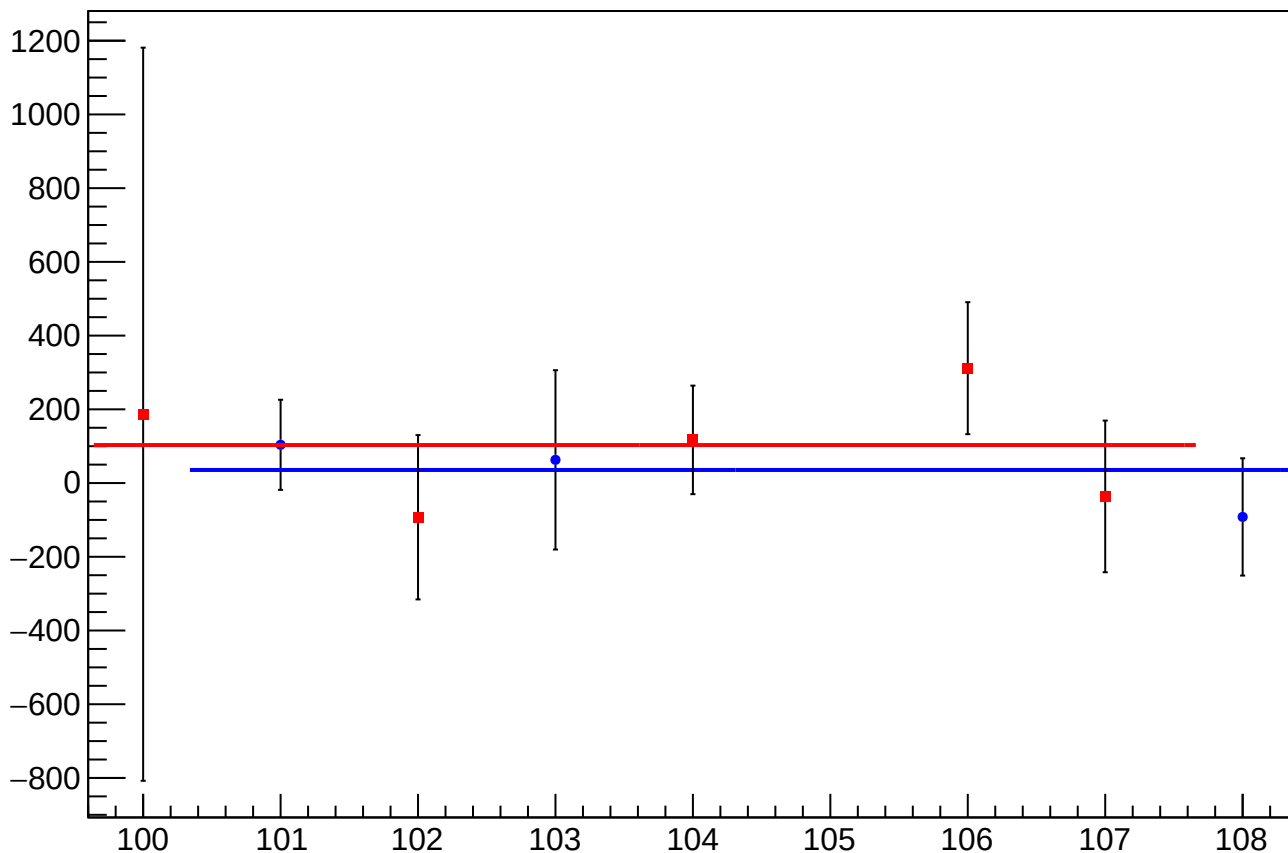
Right: 0.000+/-0.000 χ^2/NDF : 358808.7/7

In: 0.000+/-0.000 χ^2/NDF : 281951.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 358808.7/7

reg_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 35.516+/-90.030 χ^2/NDF : 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.096+/-90.495 χ^2/NDF : 2.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

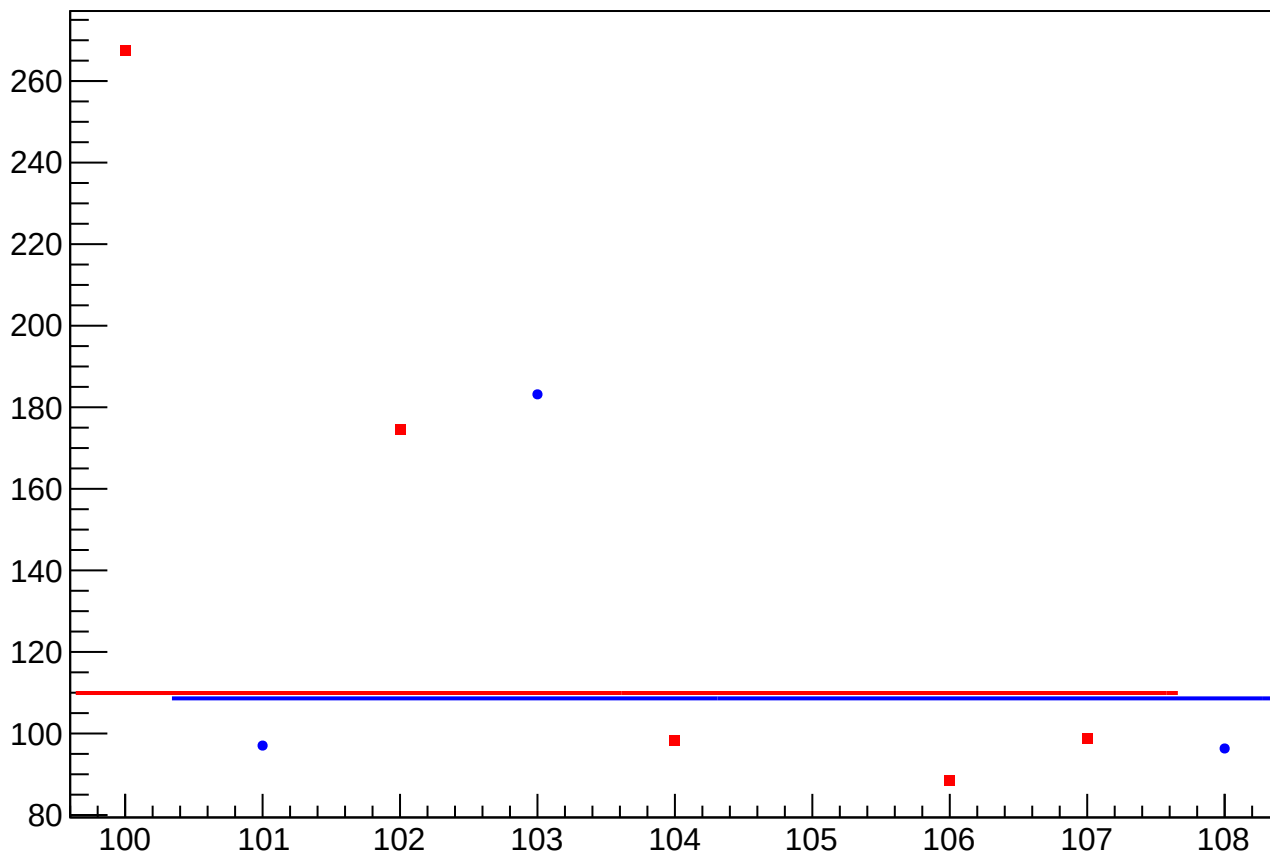
Right: 69.132+/-63.824 χ^2/NDF : 3.8/7

In: 35.516+/-90.030 χ^2/NDF : 1.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.132+/-63.824 χ^2/NDF : 3.8/7

reg_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 108.613+/-0.064 χ^2/NDF : 217798.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.931+/-0.064 χ^2/NDF : 265212.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

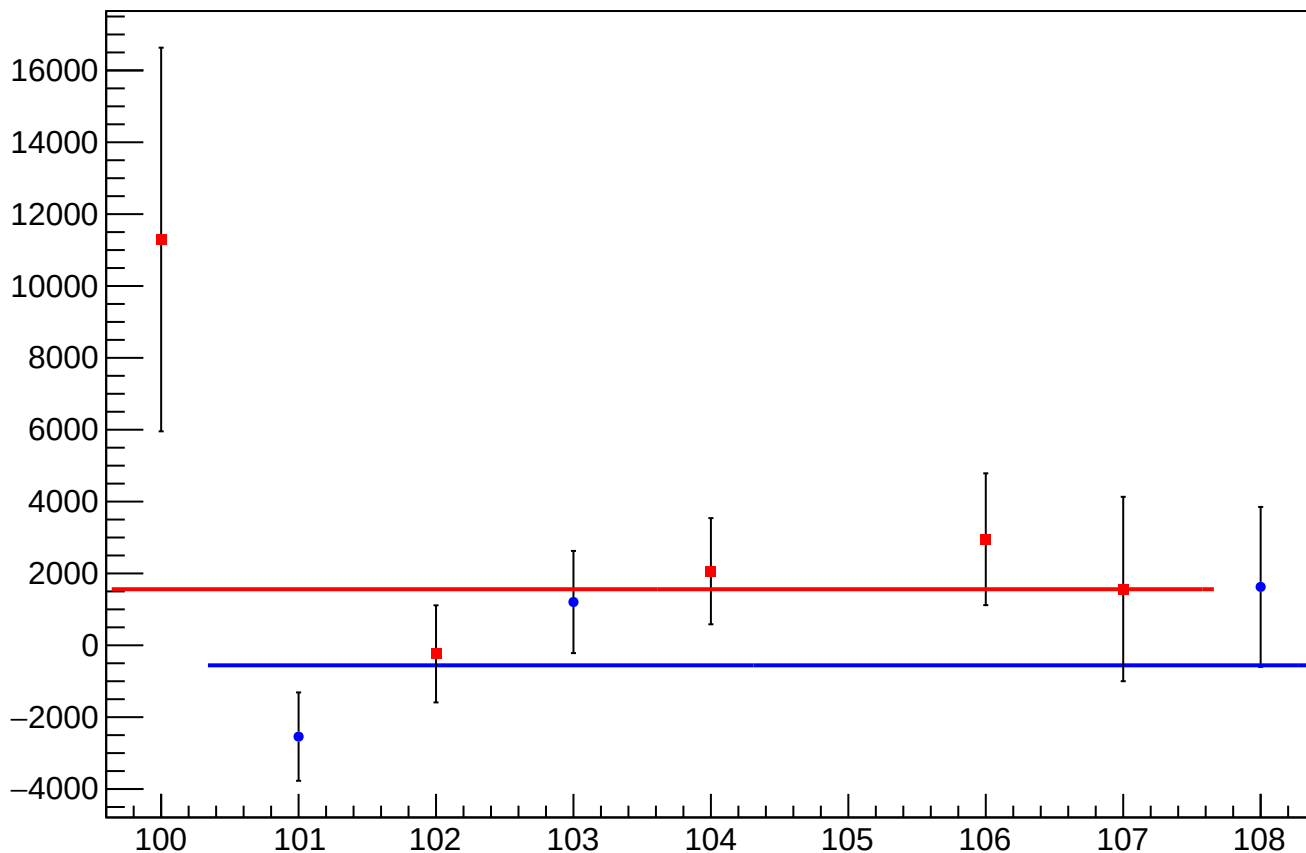
Right: 109.269+/-0.045 χ^2/NDF : 483224.6/7

In: 108.613+/-0.064 χ^2/NDF : 217798.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.269+/-0.045 χ^2/NDF : 483224.6/7

asym_sam_3748_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -557.325+/-858.228 χ^2/NDF : 5.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1560.729+/-819.226 χ^2/NDF : 5.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

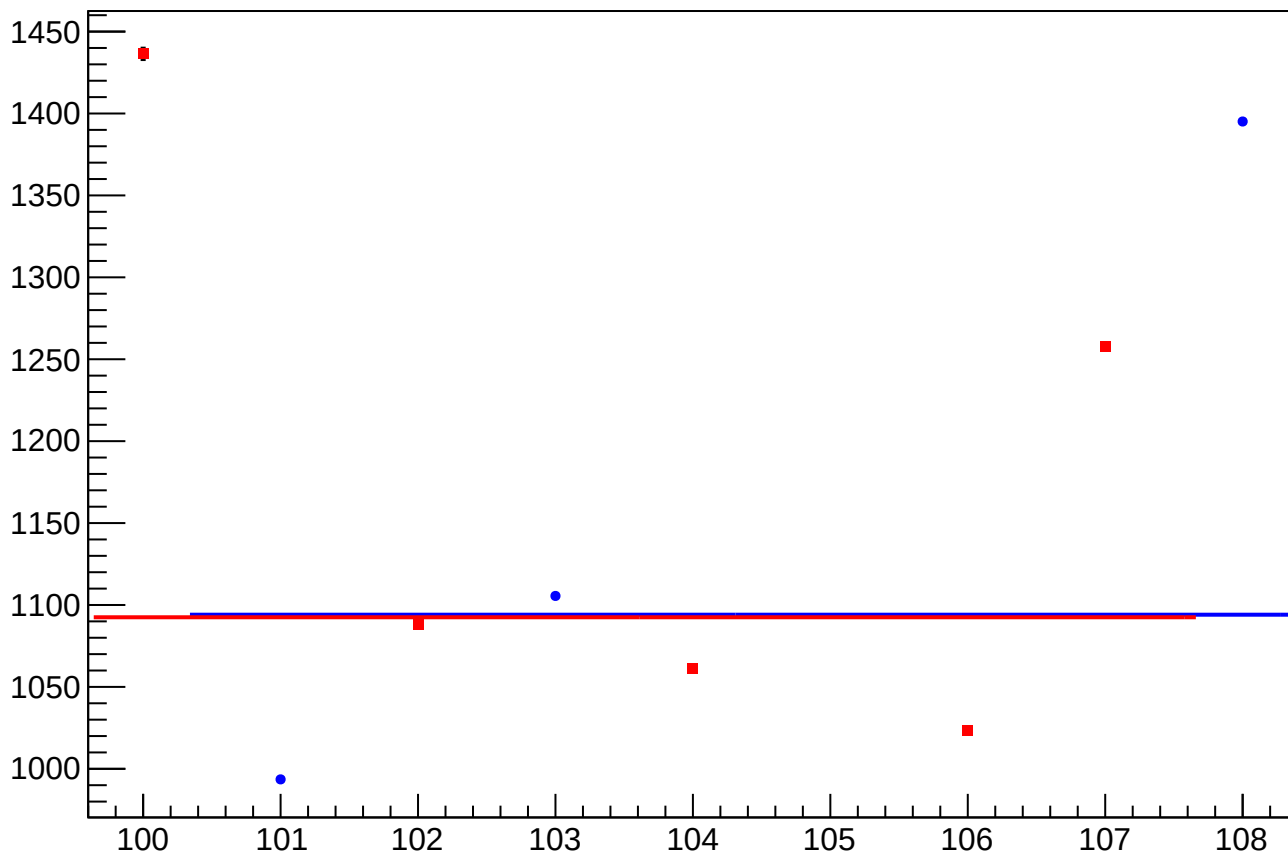
Right: 550.922+/-592.589 χ^2/NDF : 14.1/7

In: -557.325+/-858.228 χ^2/NDF : 5.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 550.922+/-592.589 χ^2/NDF : 14.1/7

asym_sam_3748_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1094.070+/-0.607 χ^2/NDF : 50103.6/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1092.503+/-0.579 χ^2/NDF : 20328.9/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

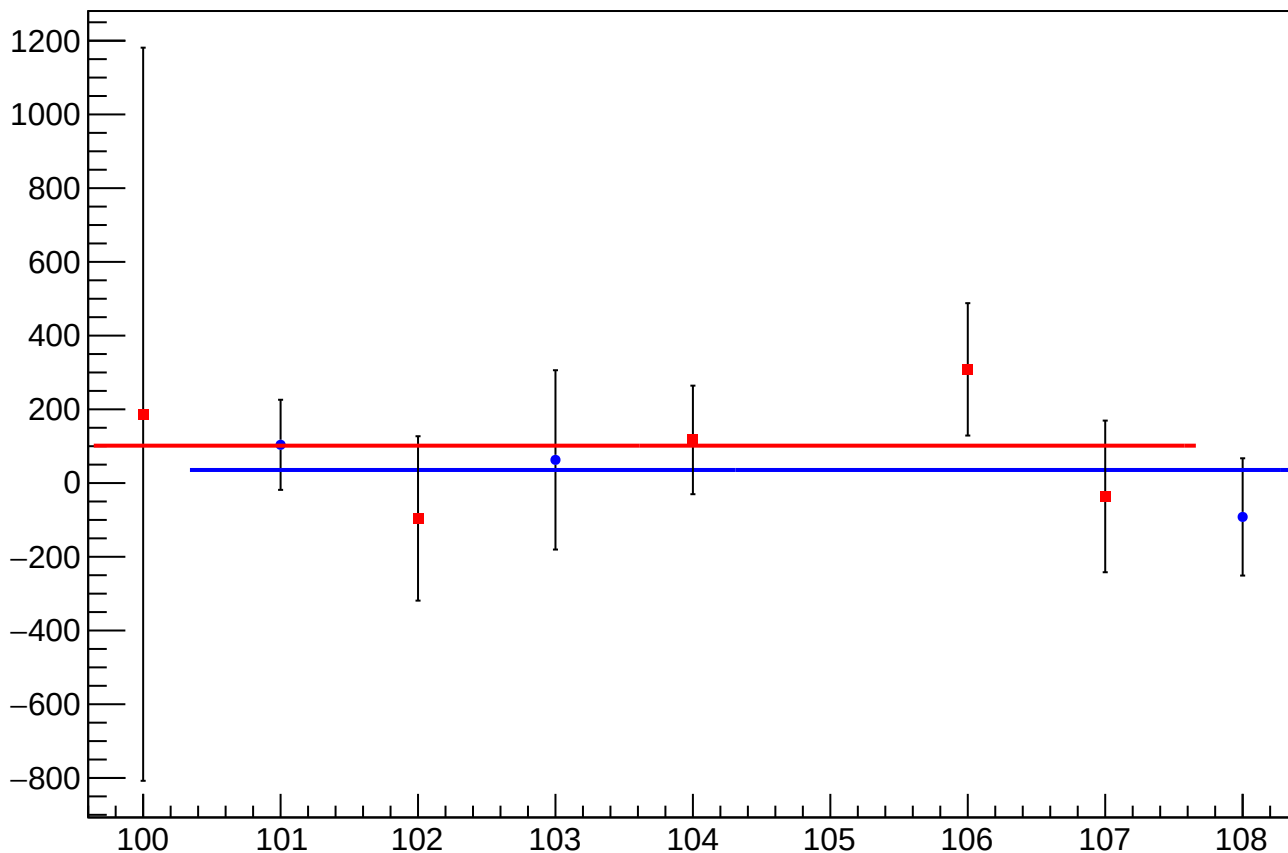
Right: 1093.250+/-0.419 χ^2/NDF : 70436.0/7

In: 1094.070+/-0.607 χ^2/NDF :50103.6/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1093.250+/-0.419 χ^2/NDF : 70436.0/7

cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 35.496+/-90.030 χ^2/NDF : 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.455+/-90.571 χ^2/NDF : 2.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

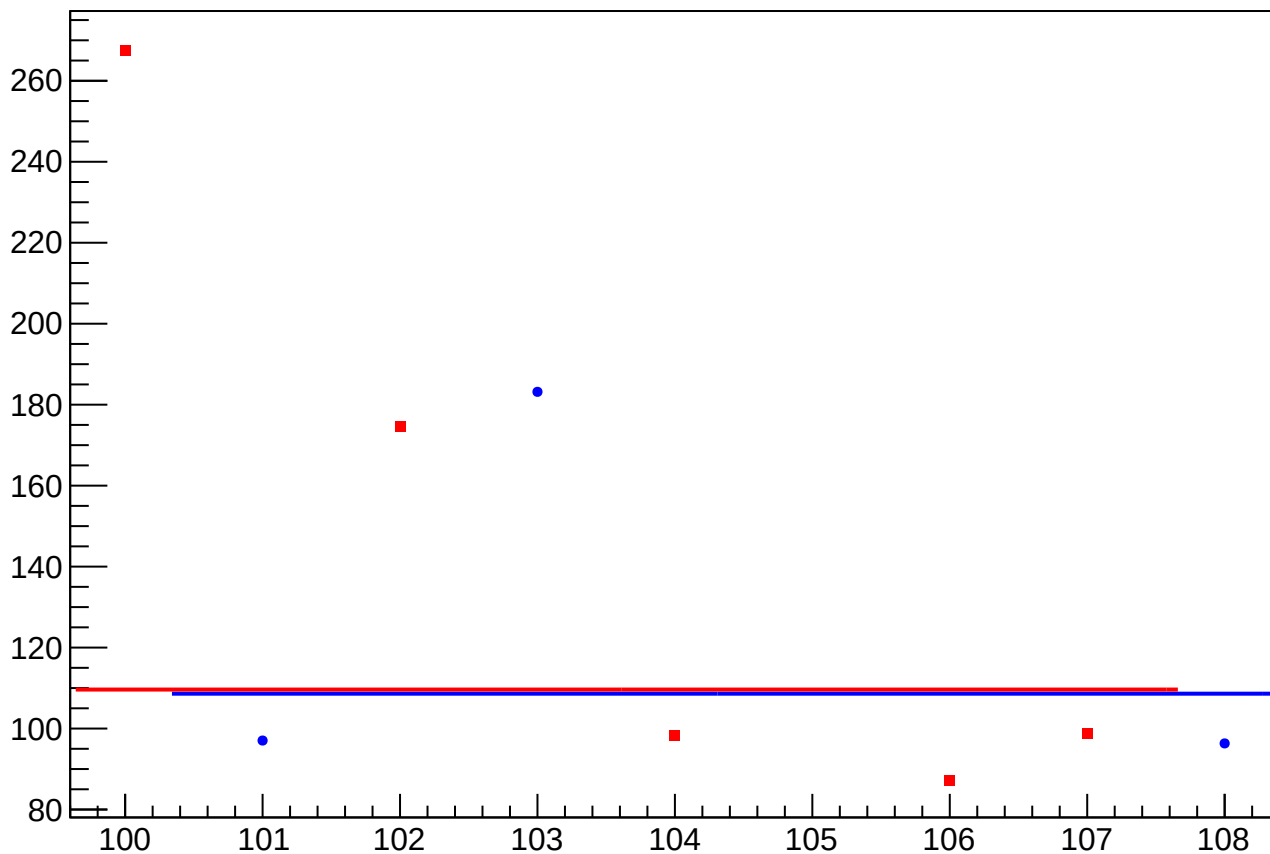
Right: 68.278+/-63.851 χ^2/NDF : 3.8/7

In: 35.496+/-90.030 χ^2/NDF : 1.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.278+/-63.851 χ^2/NDF : 3.8/7

cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 108.613+/-0.064 χ^2/NDF : 217801.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.633+/-0.064 χ^2/NDF : 268822.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

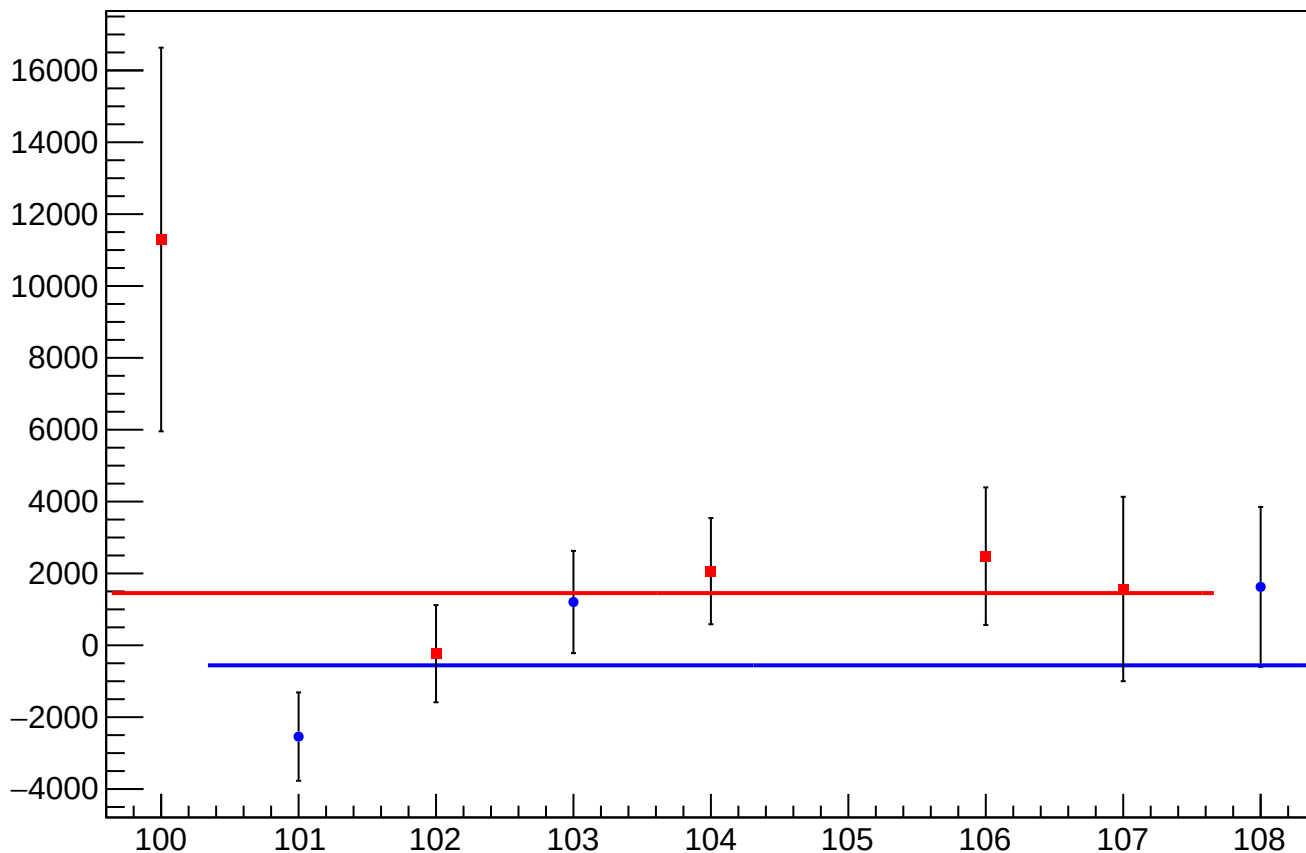
Right: 109.120+/-0.045 χ^2/NDF : 486751.7/7

In: 108.613+/-0.064 χ^2/NDF : 217801.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.120+/-0.045 χ^2/NDF : 486751.7/7

asym_sam_3748_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -557.435+/-858.259 χ^2/NDF : 5.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1453.304+/-826.196 χ^2/NDF : 5.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

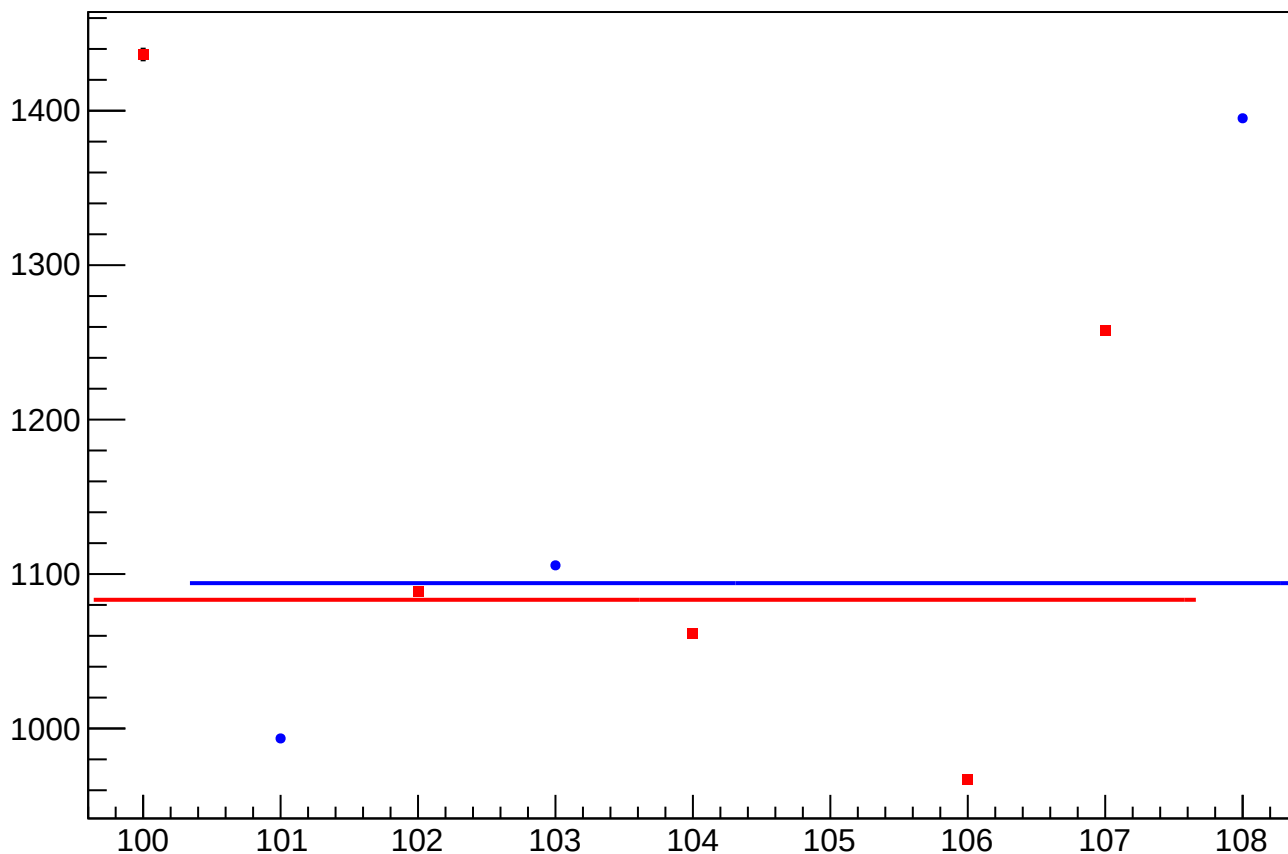
Right: 486.195+/-595.221 χ^2/NDF : 13.4/7

In: -557.435+/-858.259 χ^2/NDF : 5.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 486.195+/-595.221 χ^2/NDF : 13.4/7

asym_sam_3748_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1094.108+/-0.607 χ^2/NDF : 50105.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1083.329+/-0.584 χ^2/NDF : 25877.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

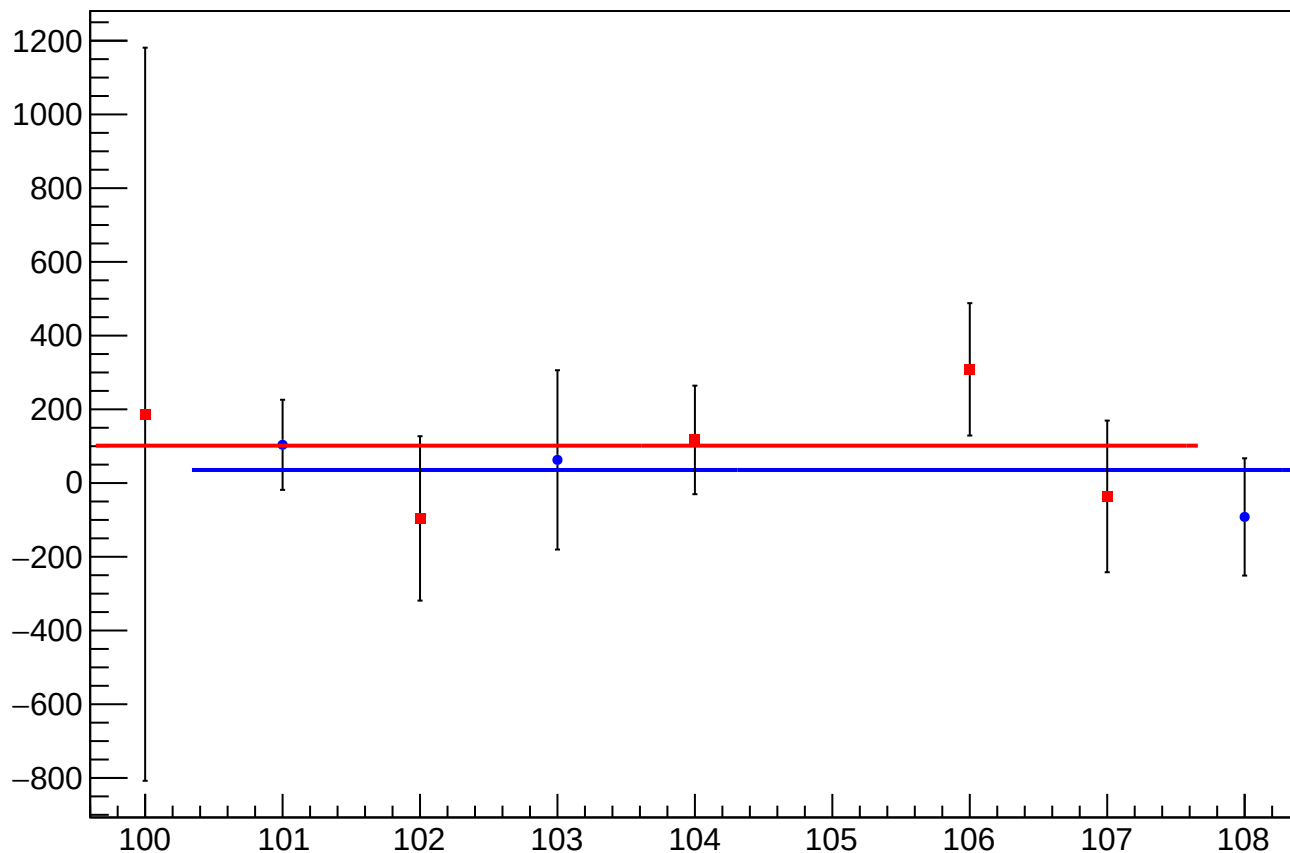
Right: 1088.514+/-0.421 χ^2/NDF : 76147.2/7

In: 1094.108+/-0.607 χ^2/NDF : 50105.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1088.514+/-0.421 χ^2/NDF : 76147.2/7

eigen_cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 35.496 $\pm$ 90.030 χ^2 /NDF: 1.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 101.455 $\pm$ 90.571 χ^2 /NDF: 2.6/4

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

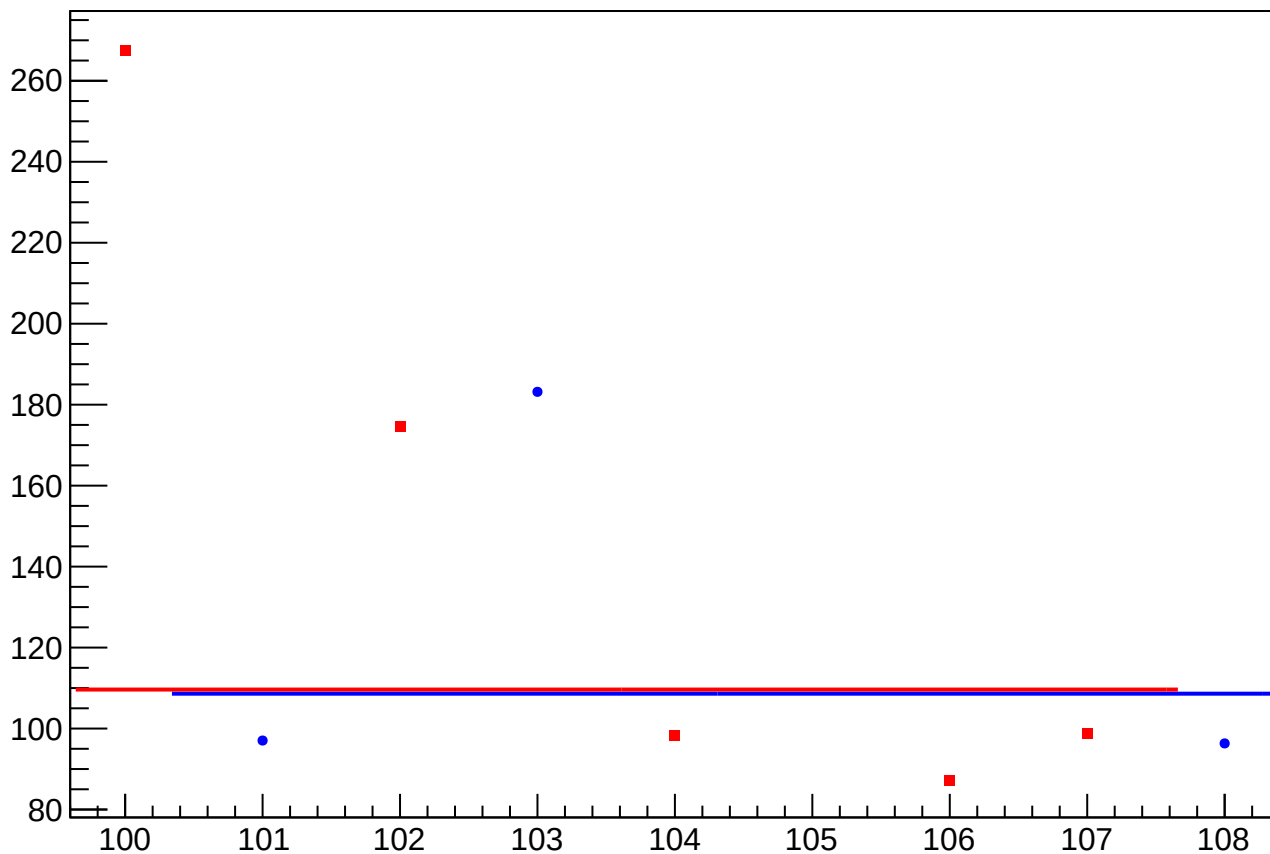
Right: 68.278 $\pm$ 63.851 χ^2 /NDF: 3.8/7

In: 35.496 $\pm$ 90.030 χ^2 /NDF:1.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 68.278 $\pm$ 63.851 χ^2 /NDF: 3.8/7

eigen_cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 108.613+/-0.064 χ^2/NDF : 217801.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.633+/-0.064 χ^2/NDF : 268822.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

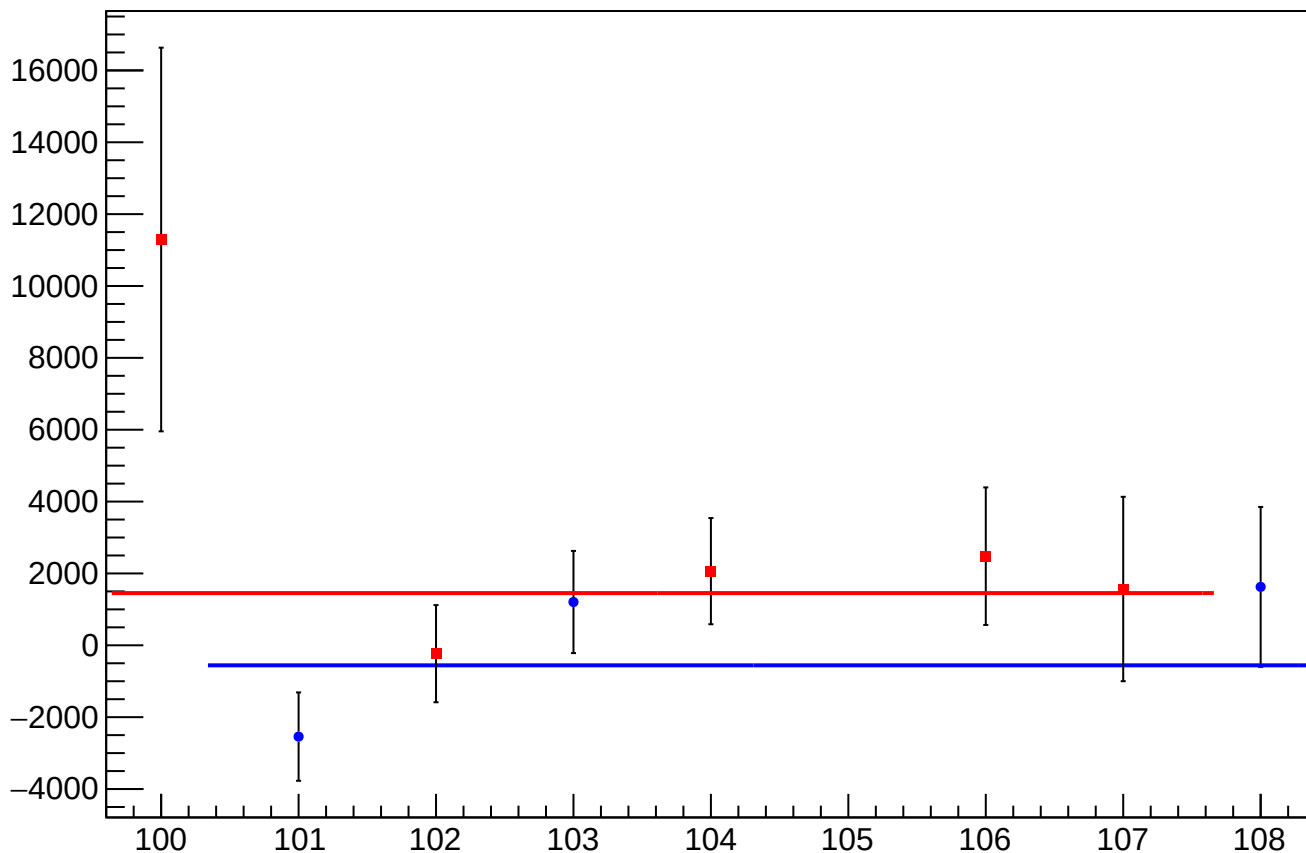
Right: 109.120+/-0.045 χ^2/NDF : 486751.7/7

In: 108.613+/-0.064 χ^2/NDF : 217801.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.120+/-0.045 χ^2/NDF : 486751.7/7

asym_sam_3748_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -557.435+/-858.259 χ^2/NDF : 5.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1453.304+/-826.196 χ^2/NDF : 5.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

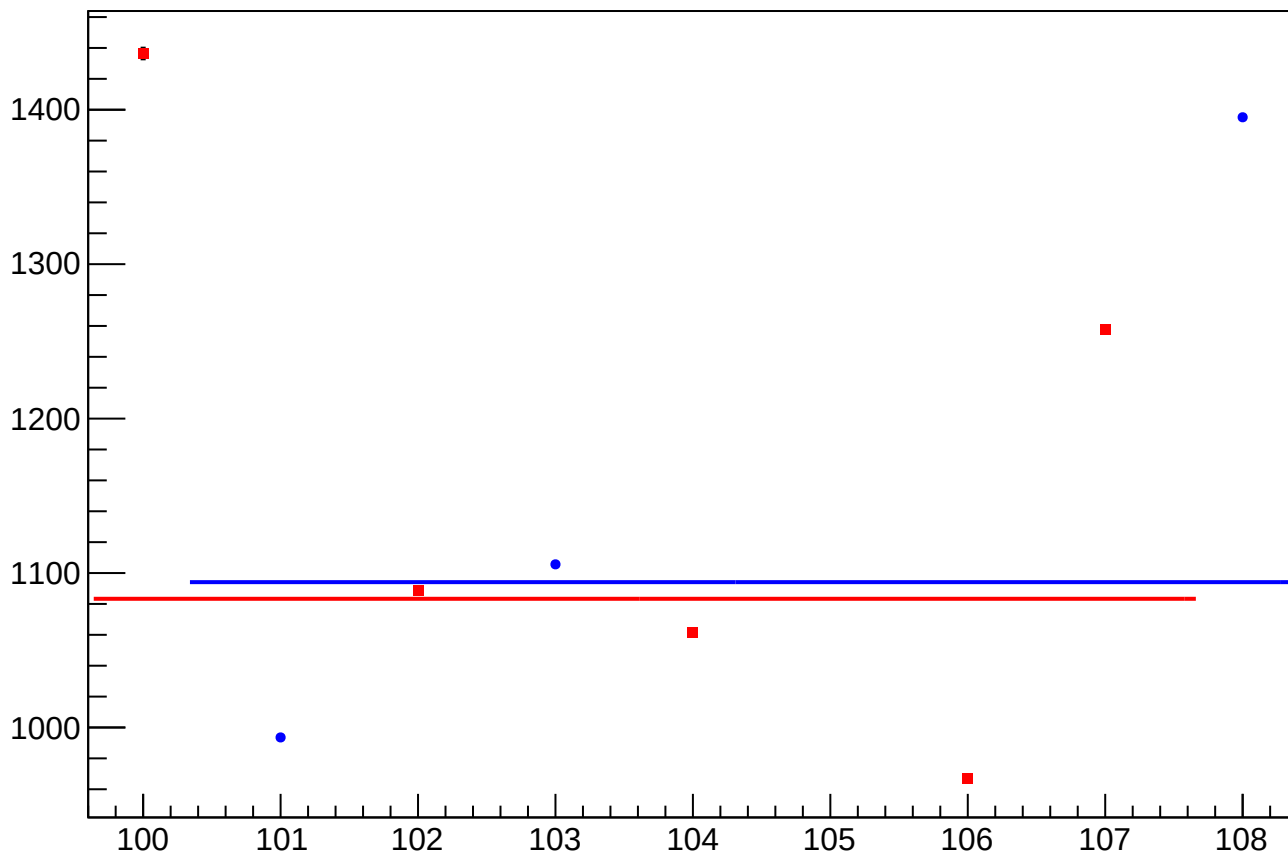
Right: 486.195+/-595.221 χ^2/NDF : 13.4/7

In: -557.435+/-858.259 χ^2/NDF : 5.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 486.195+/-595.221 χ^2/NDF : 13.4/7

asym_sam_3748_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1094.108+/-0.607 χ^2/NDF : 50105.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1083.329+/-0.584 χ^2/NDF : 25877.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

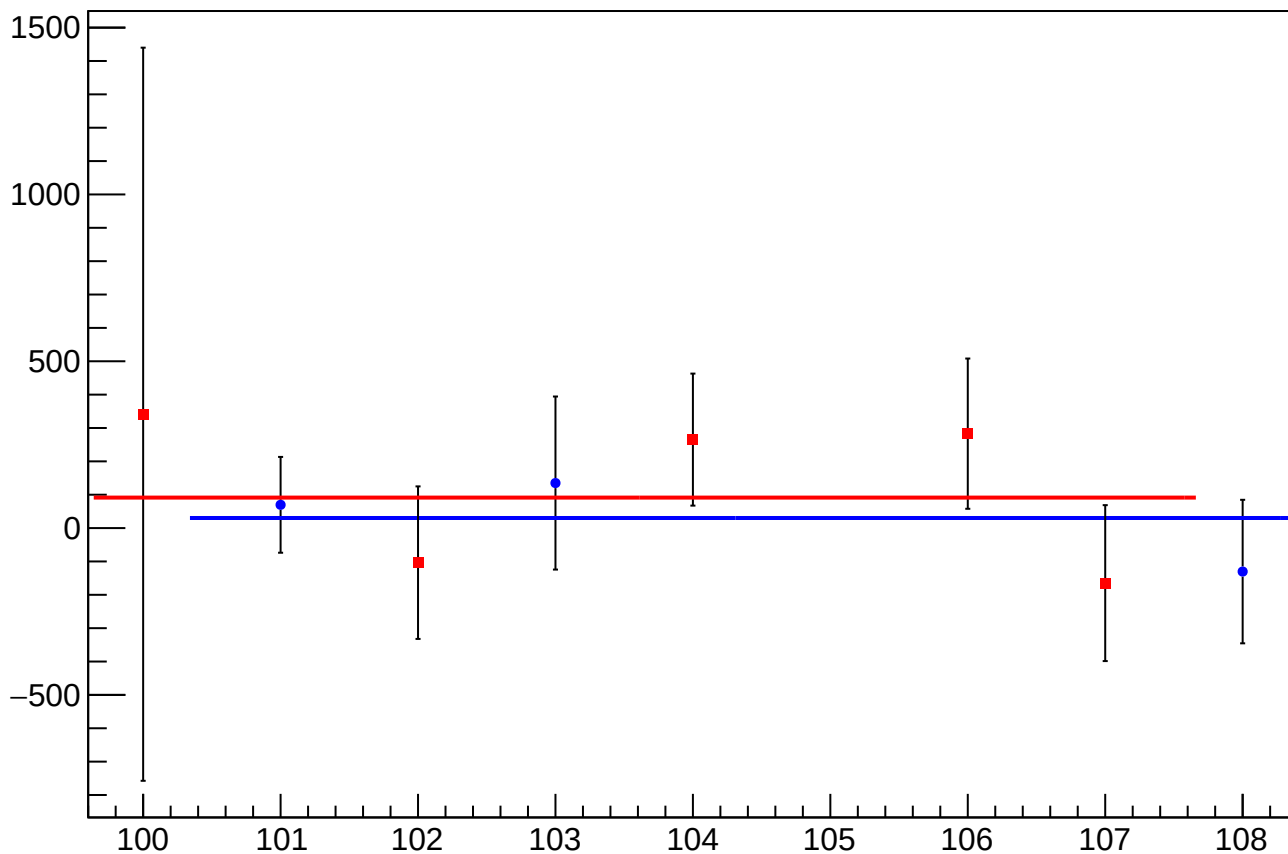
Right: 1088.514+/-0.421 χ^2/NDF : 76147.2/7

In: 1094.108+/-0.607 χ^2/NDF : 50105.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1088.514+/-0.421 χ^2/NDF : 76147.2/7

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 30.248 $\pm$ 108.478 χ^2 /NDF: 0.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 91.392 $\pm$ 109.405 χ^2 /NDF: 3.5/4

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

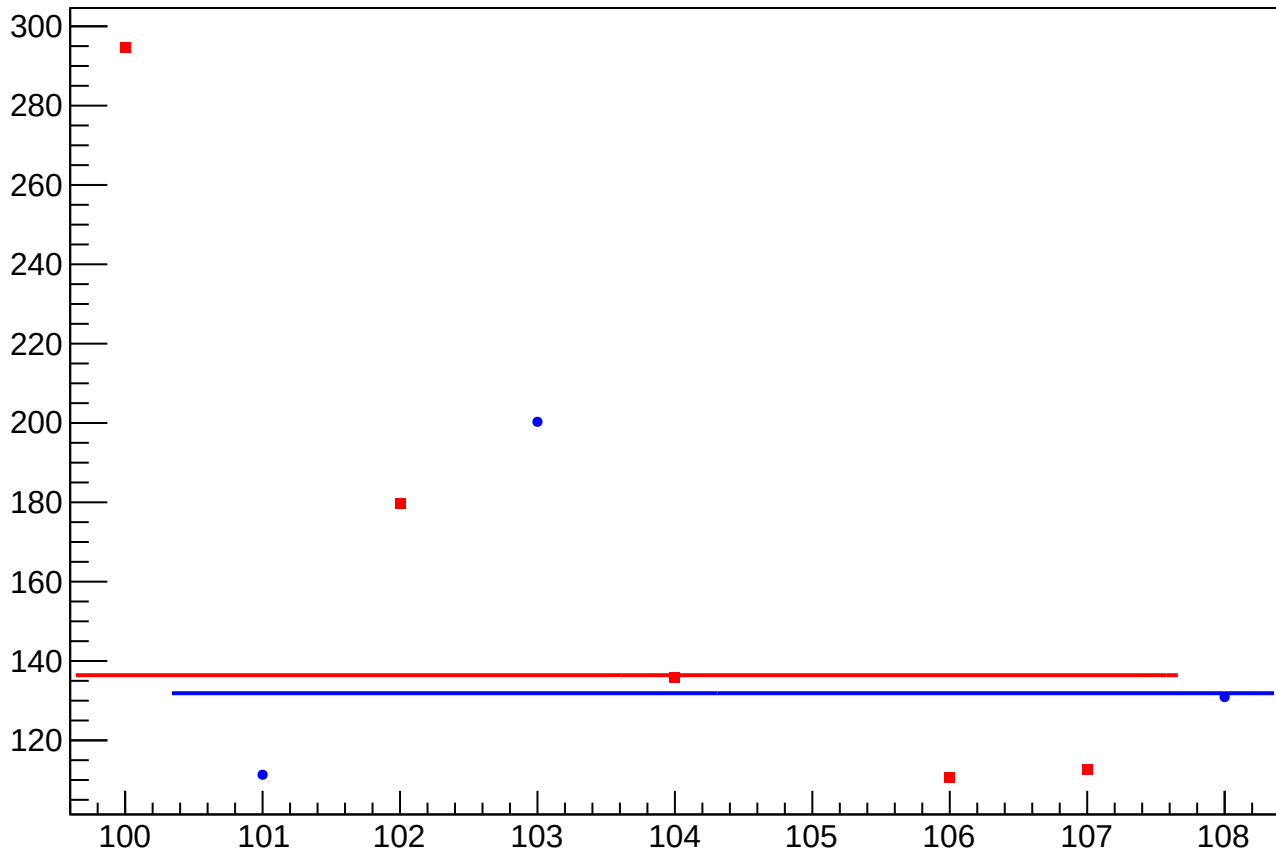
Right: 60.560 $\pm$ 77.031 χ^2 /NDF: 4.4/7

In: 30.248 $\pm$ 108.478 χ^2 /NDF: 0.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 60.560 $\pm$ 77.031 χ^2 /NDF: 4.4/7

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 131.877+/-0.077 χ^2/NDF : 180193.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.422+/-0.077 χ^2/NDF : 159664.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

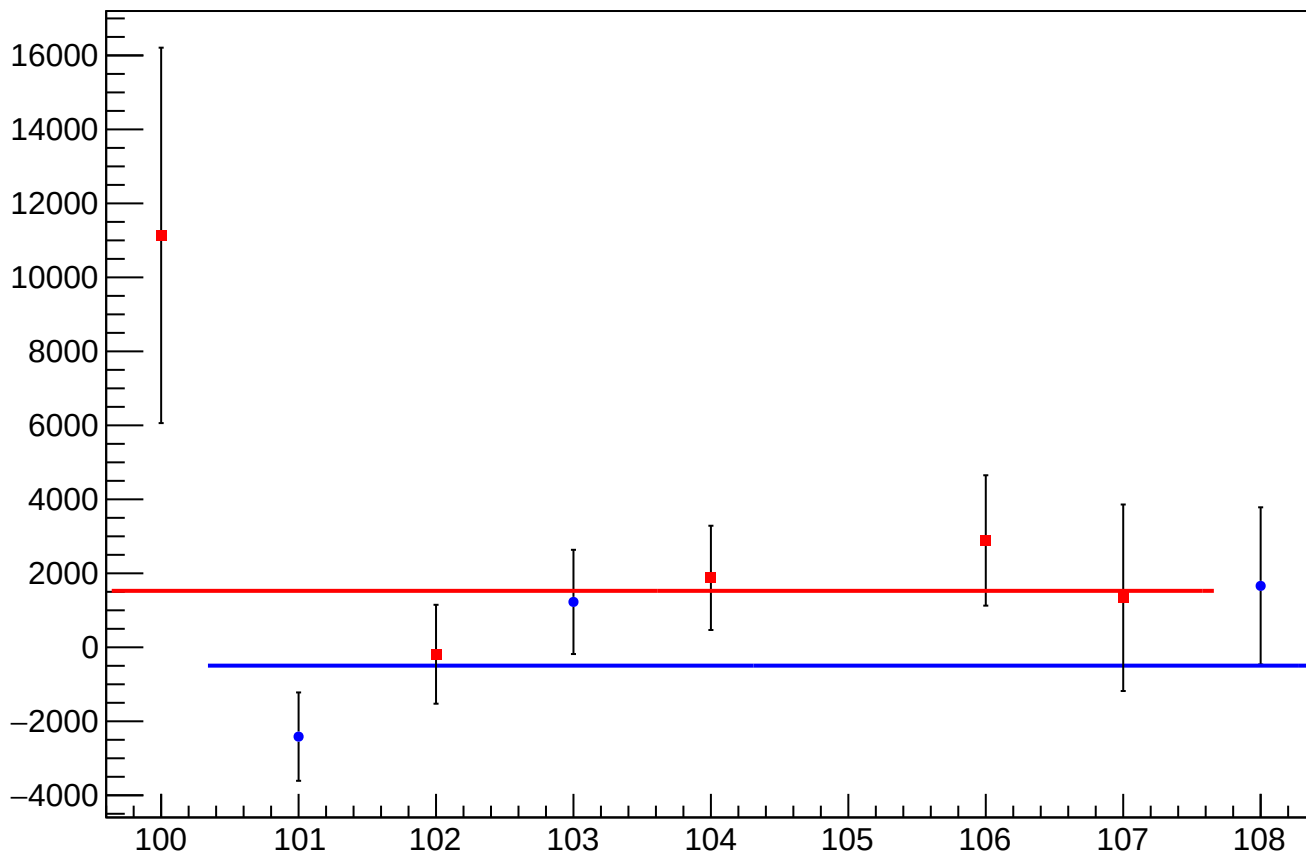
Right: 134.130+/-0.054 χ^2/NDF : 341598.2/7

In: 131.877+/-0.077 χ^2/NDF : 180193.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.130+/-0.054 χ^2/NDF : 341598.2/7

asym_sam_3748_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -495.476+/-837.208 χ^2/NDF : 5.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1526.329+/-795.164 χ^2/NDF : 5.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

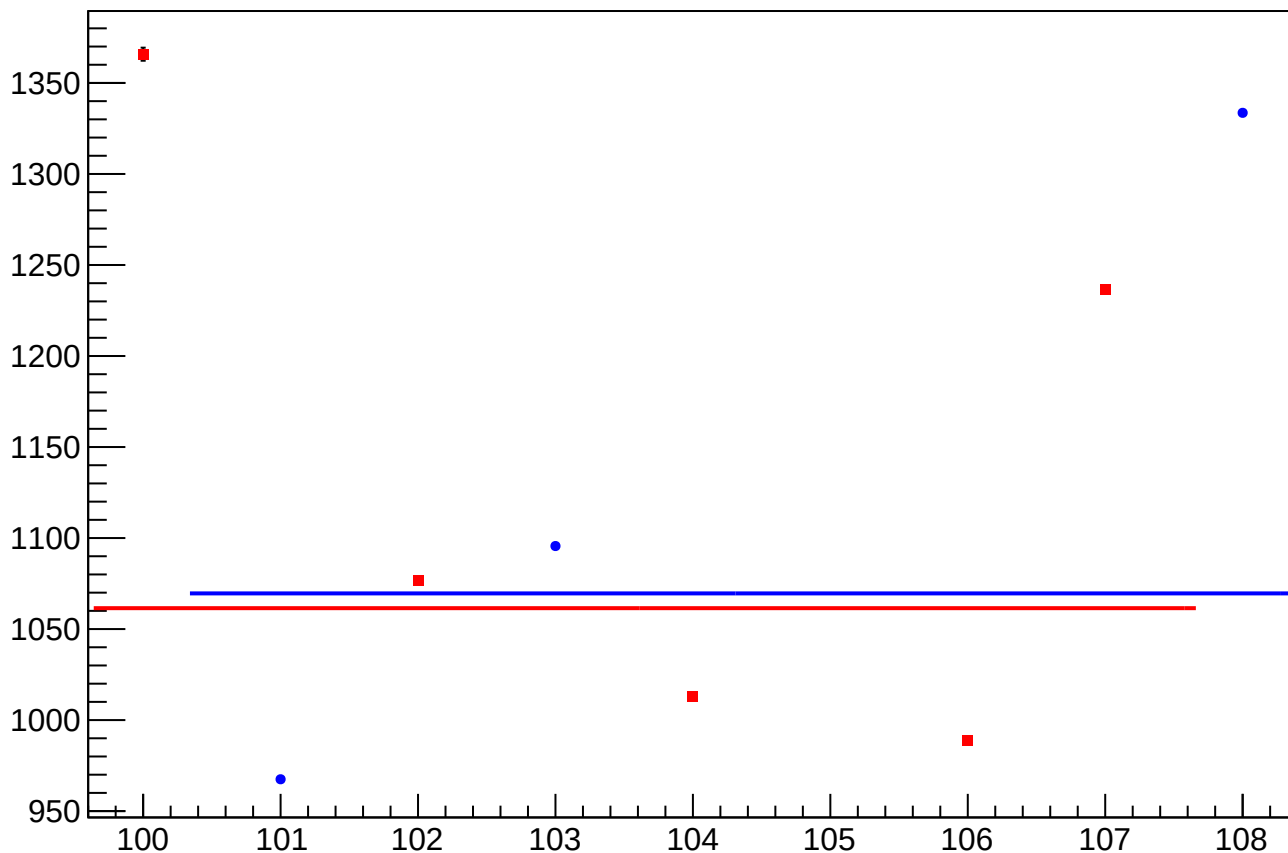
Right: 567.467+/-576.557 χ^2/NDF : 14.1/7

In: -495.476+/-837.208 χ^2/NDF : 5.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 567.467+/-576.557 χ^2/NDF : 14.1/7

asym_sam_3748_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1069.592 $\pm$ 0.592 χ^2 /NDF: 46181.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1061.478 $\pm$ 0.562 χ^2 /NDF: 22826.3/4

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

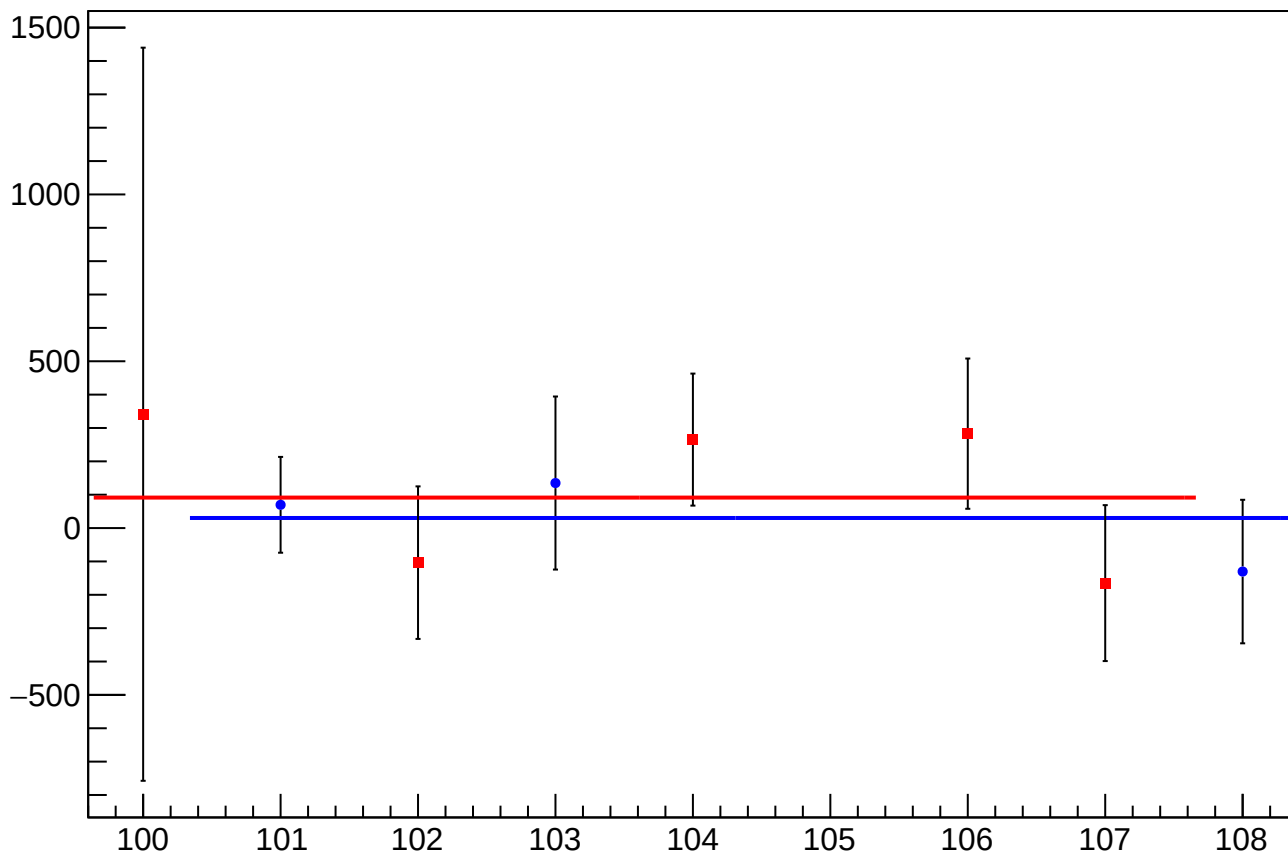
Right: 1065.326 $\pm$ 0.408 χ^2 /NDF: 69106.6/7

In: 1069.592 $\pm$ 0.592 χ^2 /NDF:46181.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1065.326 $\pm$ 0.408 χ^2 /NDF: 69106.6/7

eigen_dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 30.251+/-108.478 χ^2/NDF : 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.390+/-109.406 χ^2/NDF : 3.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

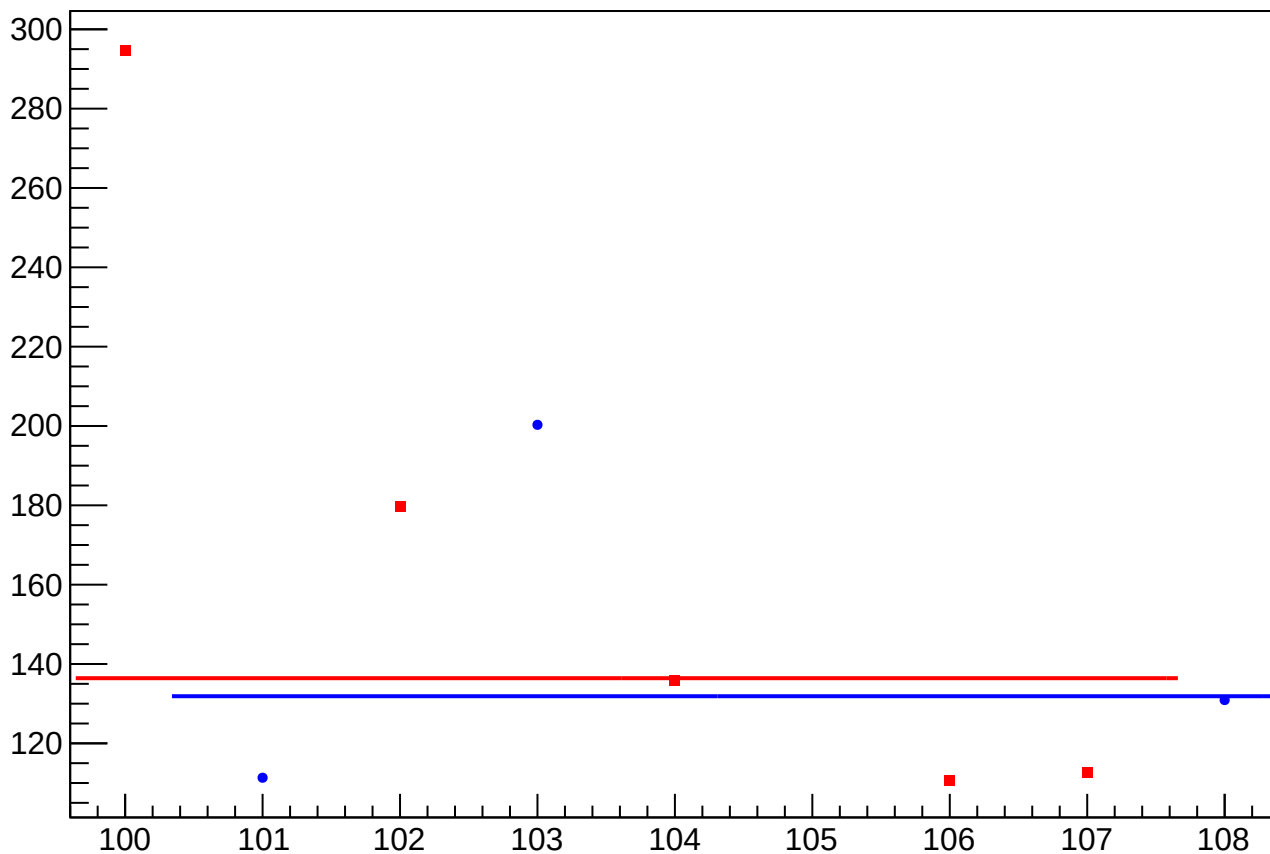
Right: 60.560+/-77.031 χ^2/NDF : 4.4/7

In: 30.251+/-108.478 χ^2/NDF : 0.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.560+/-77.031 χ^2/NDF : 4.4/7

eigen_dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 131.878+/-0.077 χ^2/NDF : 180189.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.422+/-0.077 χ^2/NDF : 159662.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

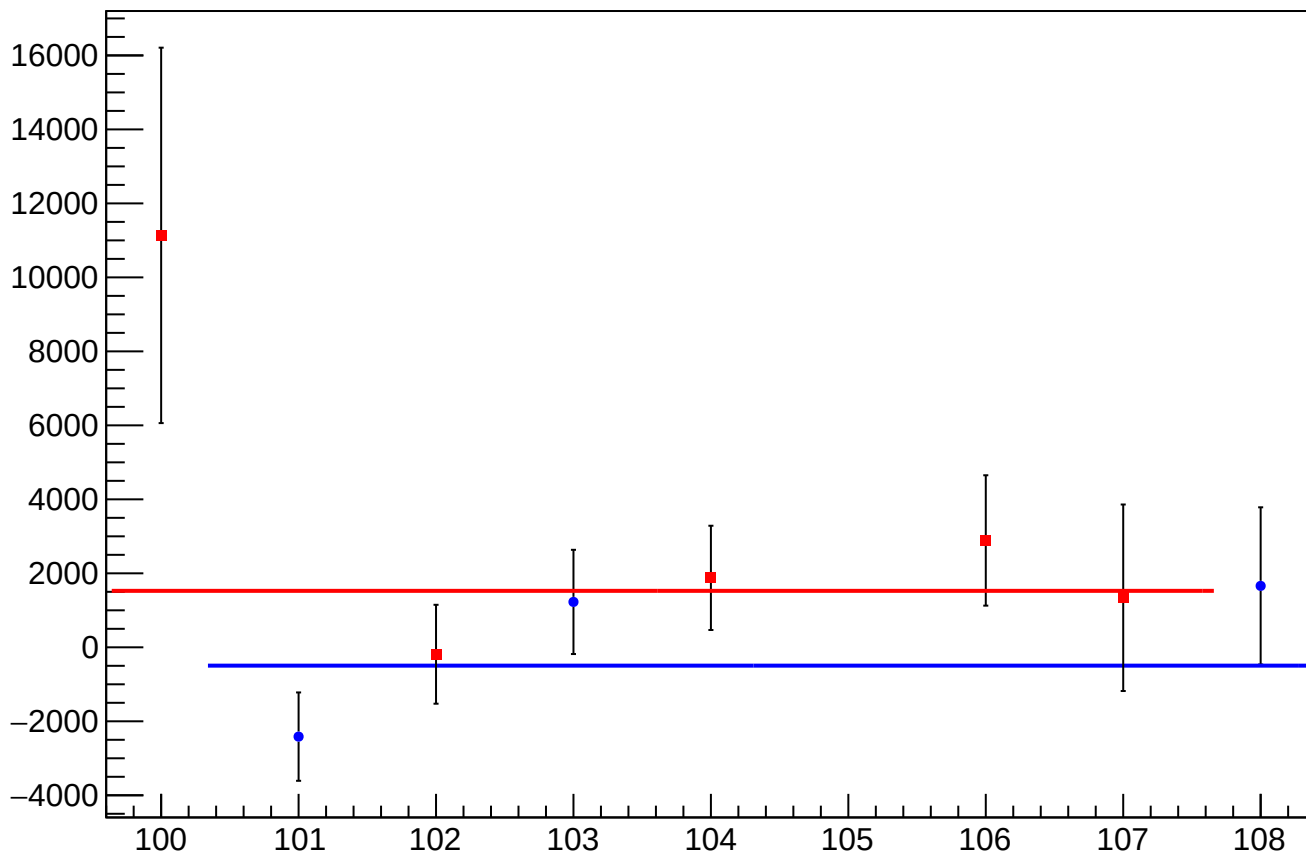
Right: 134.131+/-0.054 χ^2/NDF : 341592.4/7

In: 131.878+/-0.077 χ^2/NDF : 180189.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.131+/-0.054 χ^2/NDF : 341592.4/7

asym_sam_3748_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -495.476+/-837.207 χ^2/NDF : 5.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1526.328+/-795.163 χ^2/NDF : 5.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

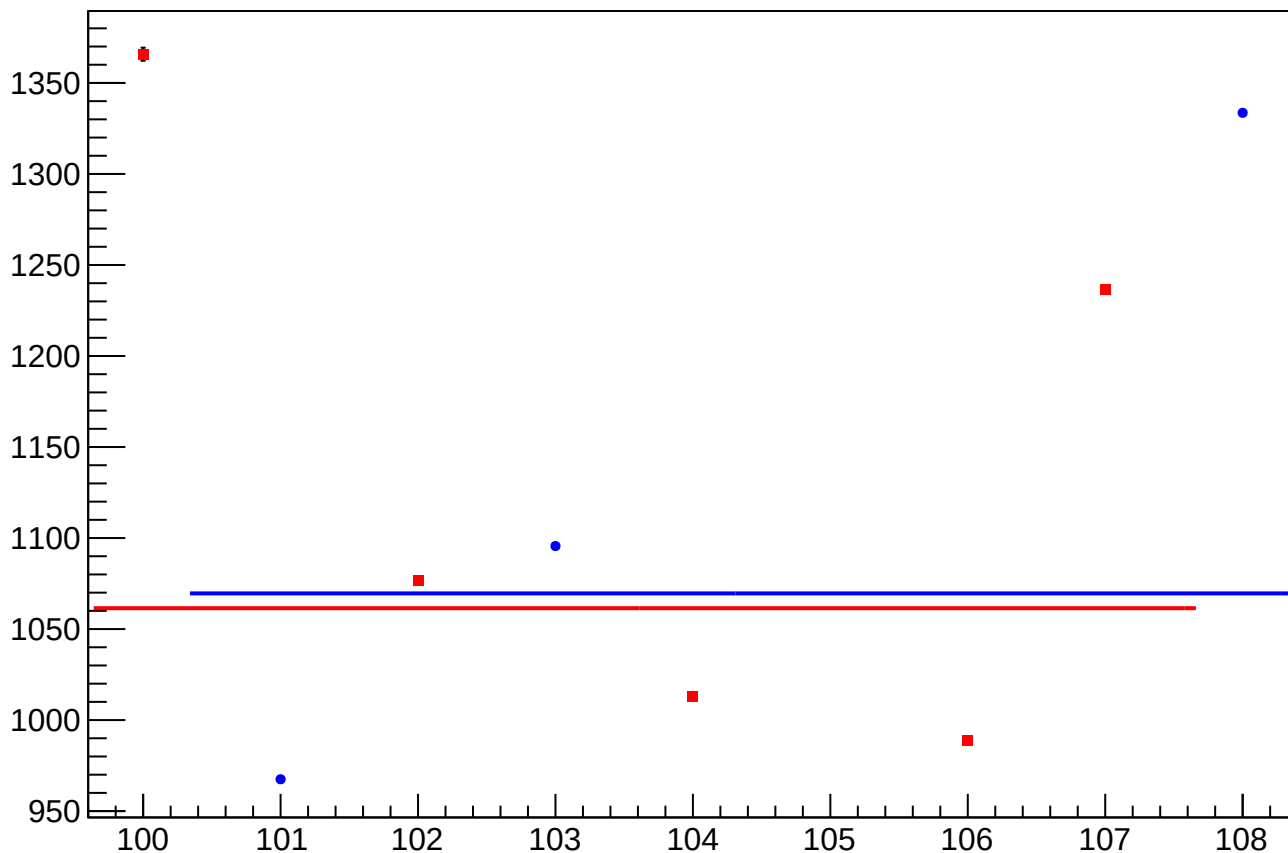
Right: 567.466+/-576.556 χ^2/NDF : 14.1/7

In: -495.476+/-837.207 χ^2/NDF : 5.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 567.466+/-576.556 χ^2/NDF : 14.1/7

asym_sam_3748_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1069.590+/-0.592 χ^2/NDF : 46181.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1061.477+/-0.562 χ^2/NDF : 22826.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

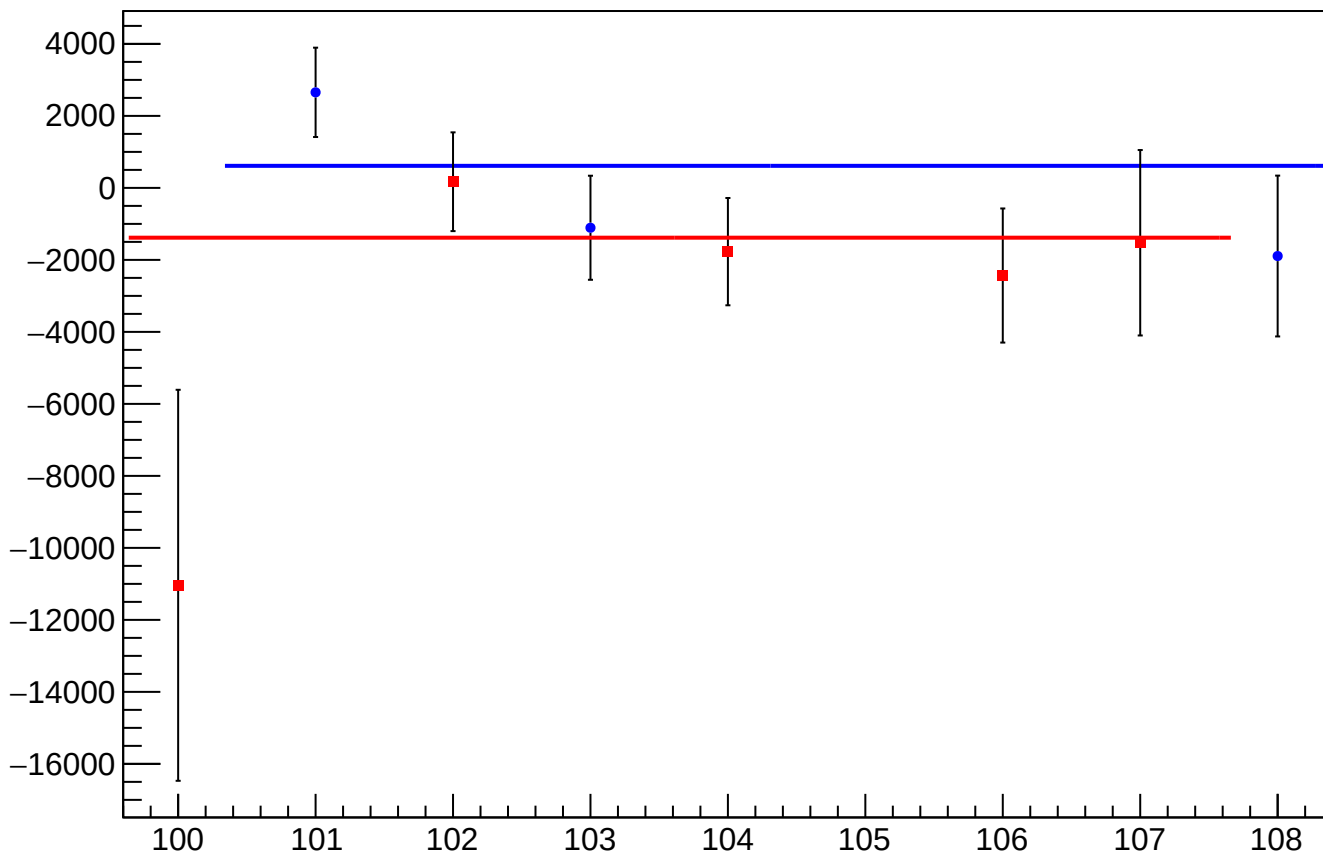
Right: 1065.324+/-0.408 χ^2/NDF : 69107.0/7

In: 1069.590+/-0.592 χ^2/NDF : 46181.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1065.324+/-0.408 χ^2/NDF : 69107.0/7

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 612.810 $\pm$ 867.580 χ^2 /NDF: 5.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1383.089 $\pm$ 829.128 χ^2 /NDF: 4.8/4

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

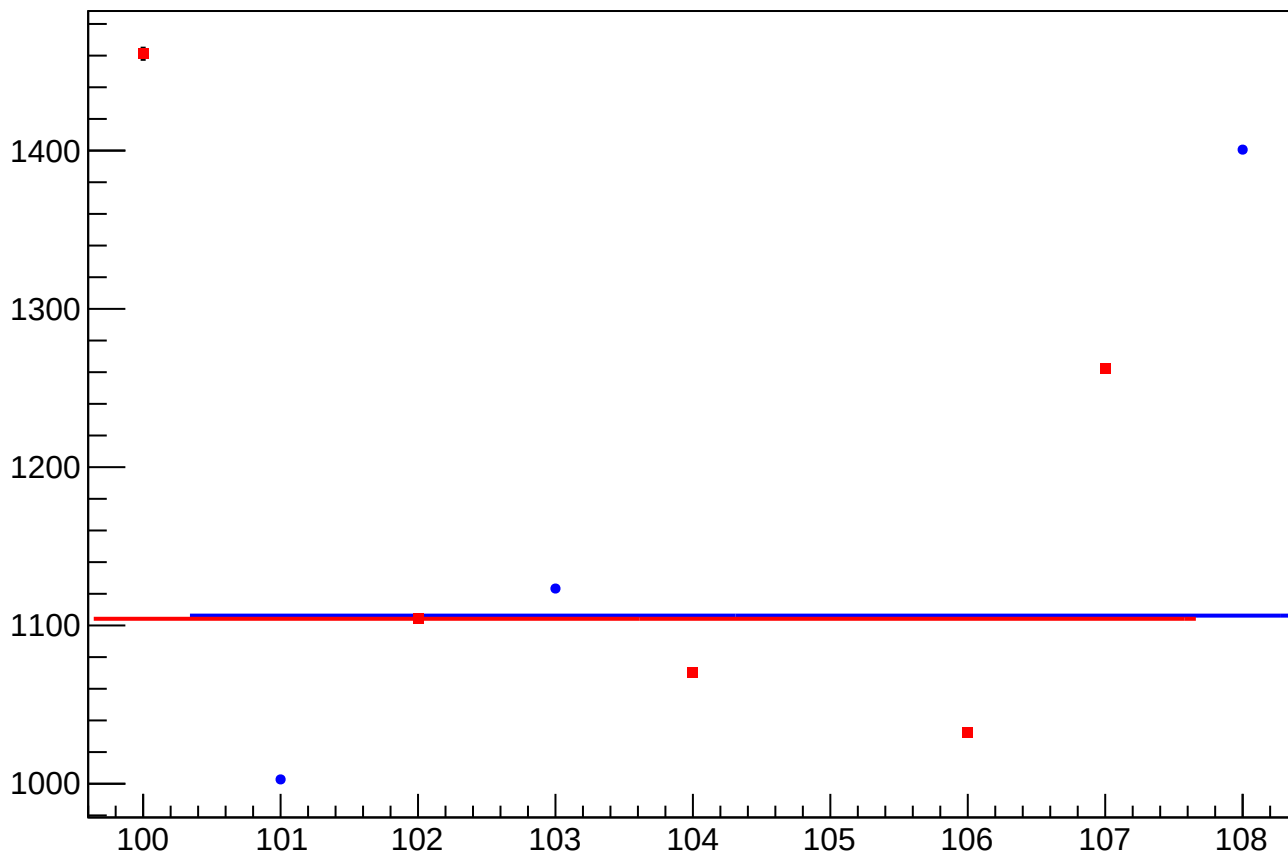
Right: -430.349 $\pm$ 599.415 χ^2 /NDF: 13.0/7

In: 612.810 $\pm$ 867.580 χ^2 /NDF: 5.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -430.349 $\pm$ 599.415 χ^2 /NDF: 13.0/7

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 1106.213+/-0.613 χ^2/NDF : 48924.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1104.217+/-0.586 χ^2/NDF : 20219.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

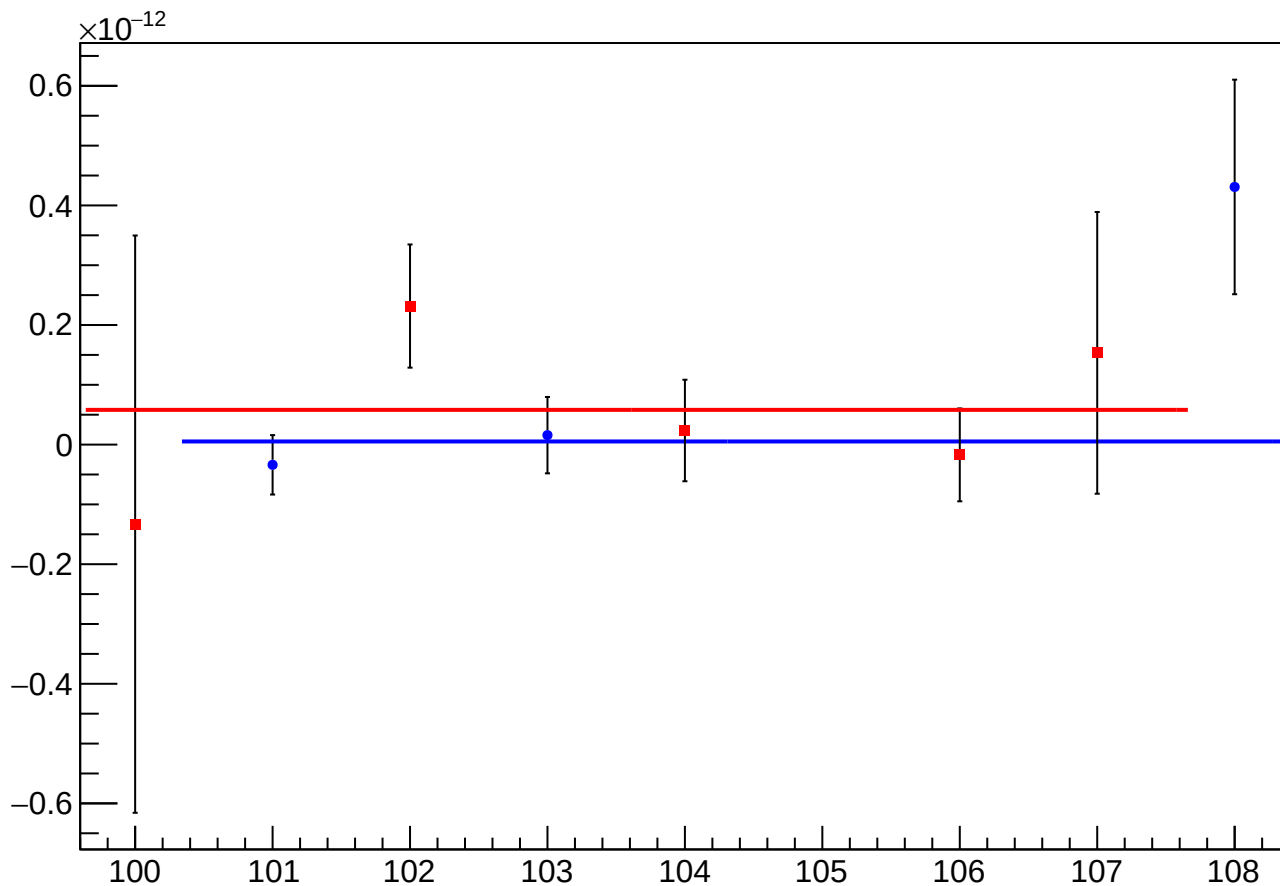
Right: 1105.170+/-0.424 χ^2/NDF : 69148.5/7

In: 1106.213+/-0.613 χ^2/NDF : 48924.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1105.170+/-0.424 χ^2/NDF : 69148.5/7

asym_sam_3748_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

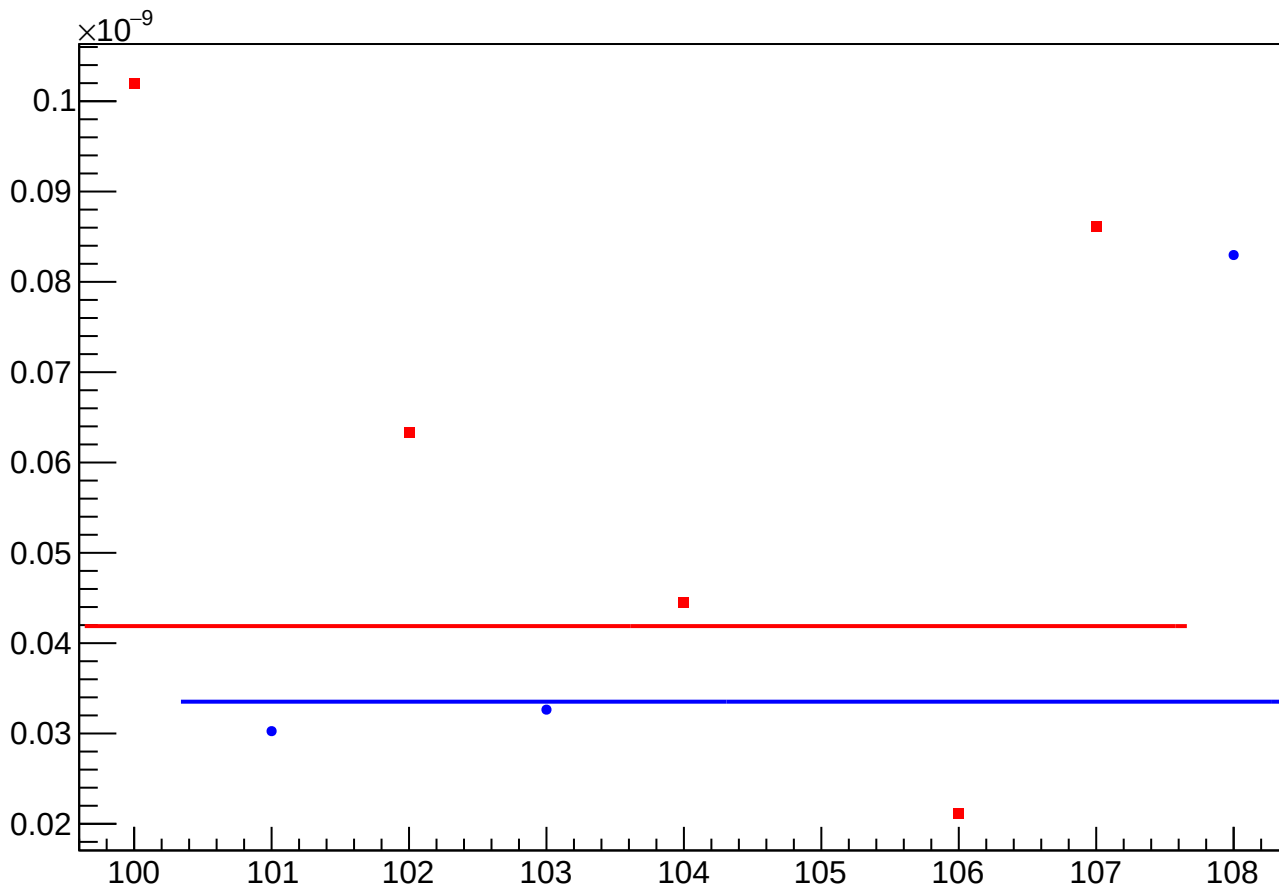
Right: 0.000+/-0.000 χ^2/NDF : 11.3/7

In: 0.000+/-0.000 χ^2/NDF : 6.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.3/7

asym_sam_3748_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 160925.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 332067.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

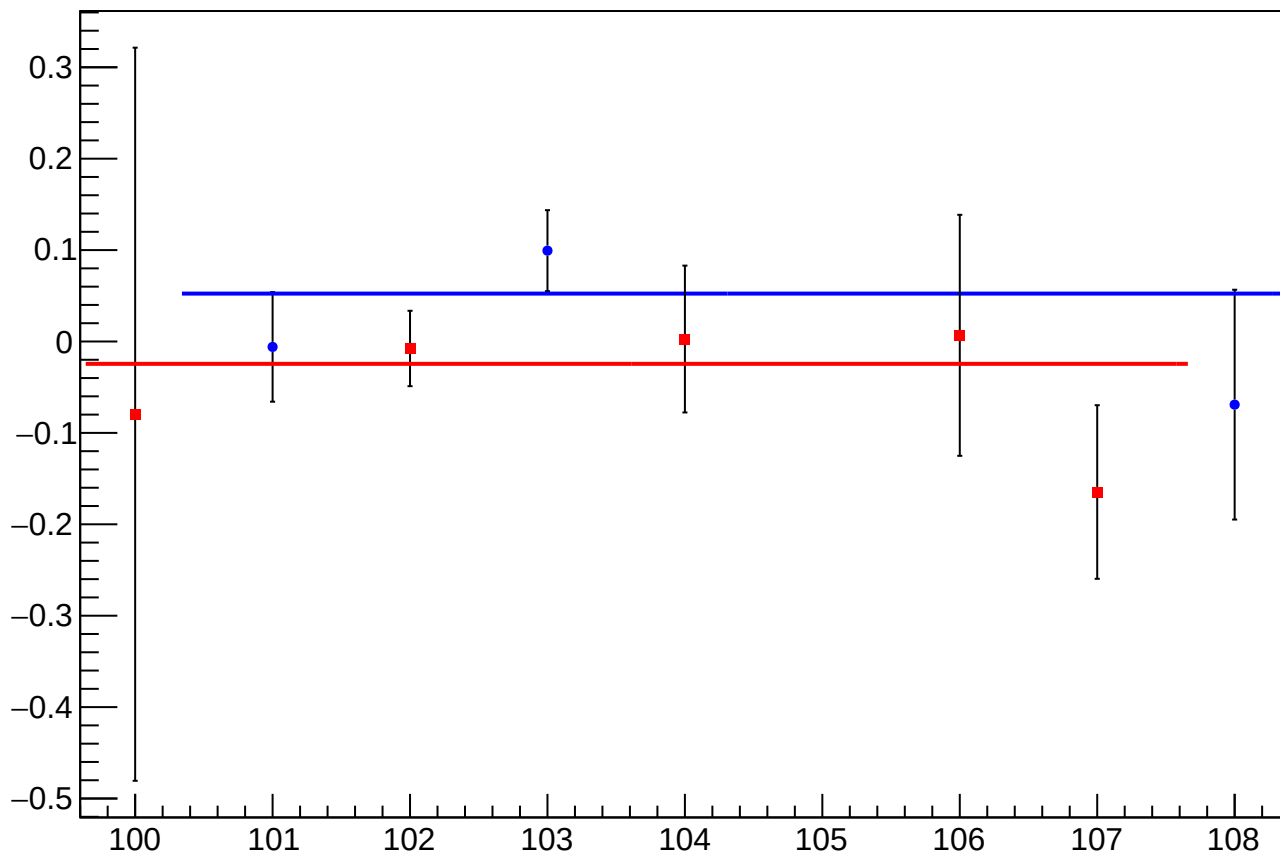
Right: 0.000+/-0.000 χ^2/NDF : 529436.0/7

In: 0.000+/-0.000 χ^2/NDF : 160925.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 529436.0/7

asym_sam_3748_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.052 $\pm$ 0.034 χ^2 /NDF: 3.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.024 $\pm$ 0.033 χ^2 /NDF: 2.5/4

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

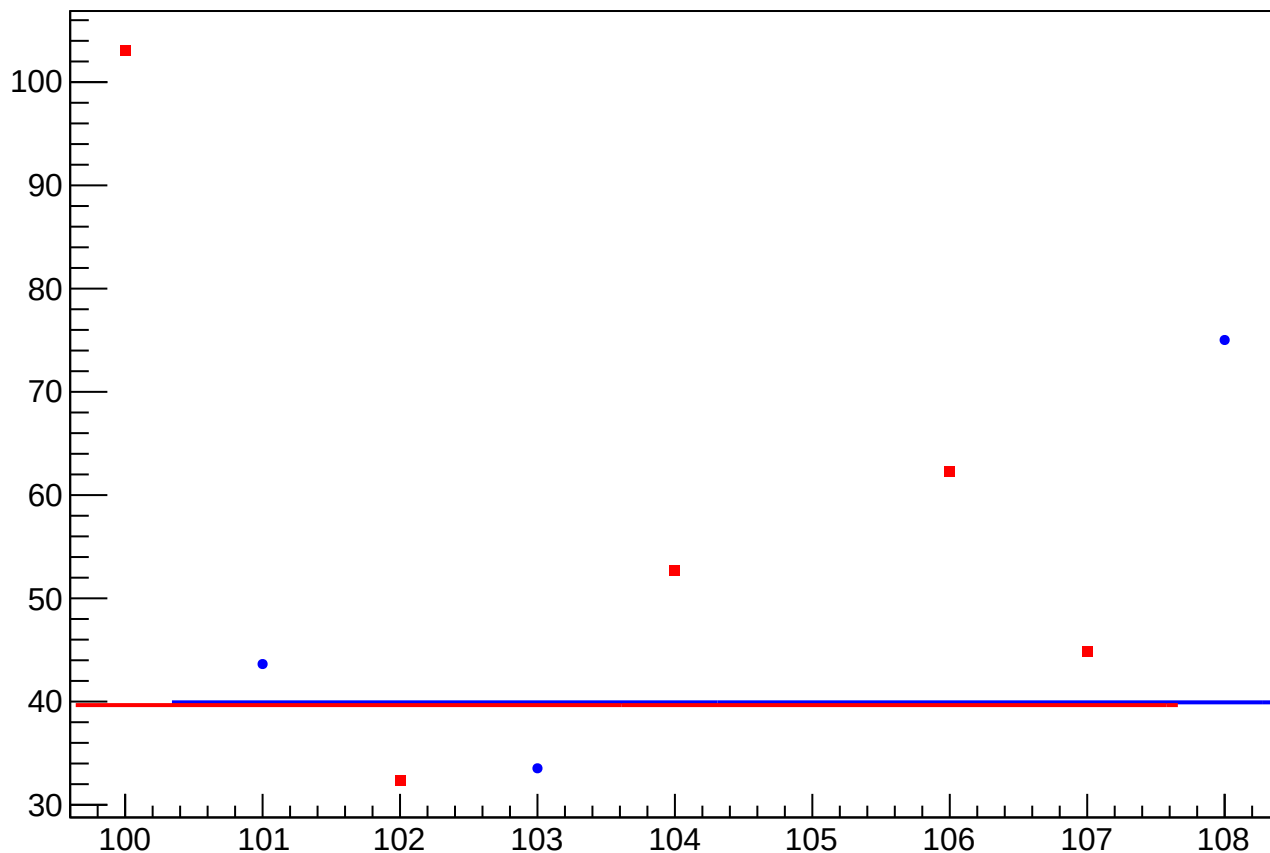
Right: 0.013 $\pm$ 0.024 χ^2 /NDF: 8.1/7

In: 0.052 $\pm$ 0.034 χ^2 /NDF:3.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.013 $\pm$ 0.024 χ^2 /NDF: 8.1/7

asym_sam_3748_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.924+/-0.024 χ^2 /NDF: 205134.5/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 39.659+/-0.023 χ^2 /NDF: 230338.9/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

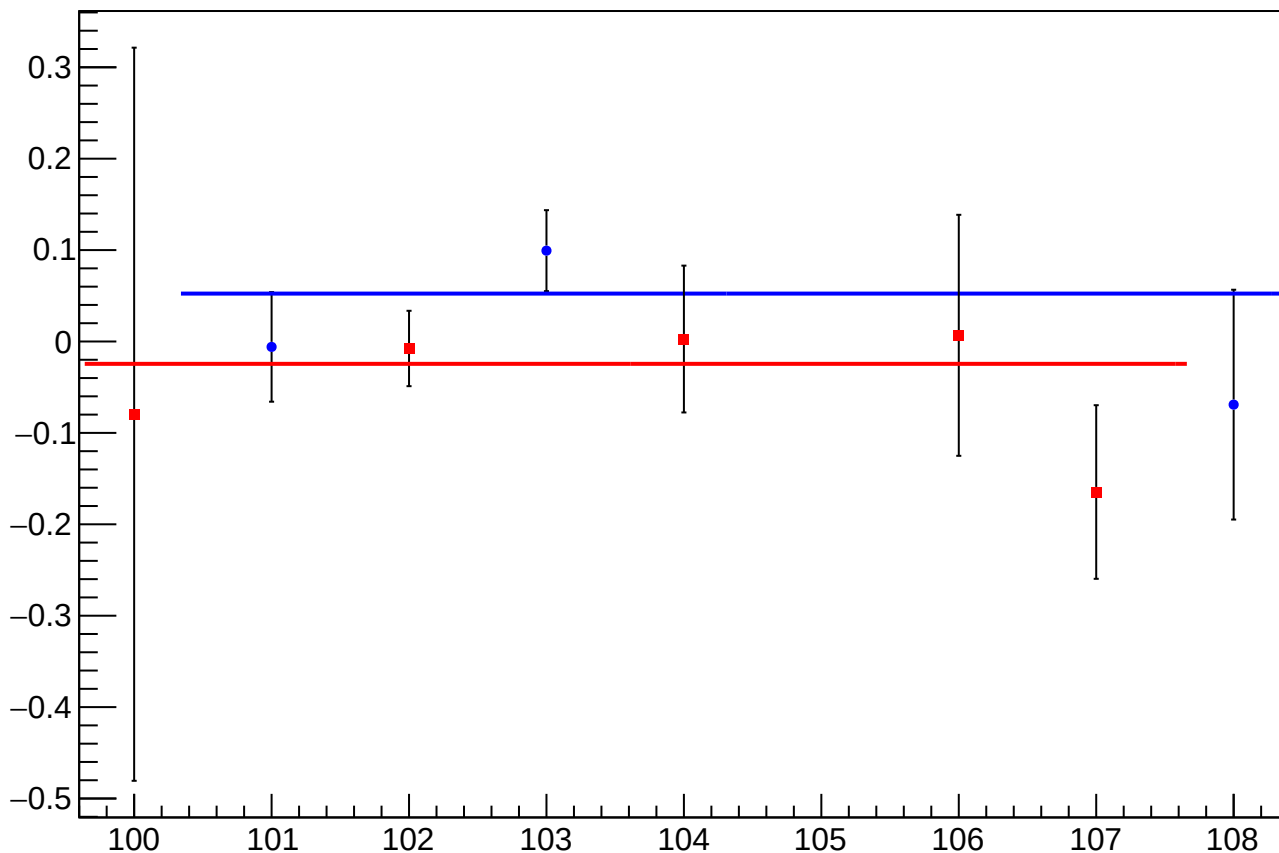
Right: 39.787+/-0.017 χ^2 /NDF: 435535.7/7

In: 39.924+/-0.024 χ^2 /NDF:205134.5/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 39.787+/-0.017 χ^2 /NDF: 435535.7/7

asym_sam_3748_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.052 $\pm$ 0.034 χ^2 /NDF: 3.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.024 $\pm$ 0.033 χ^2 /NDF: 2.5/4

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

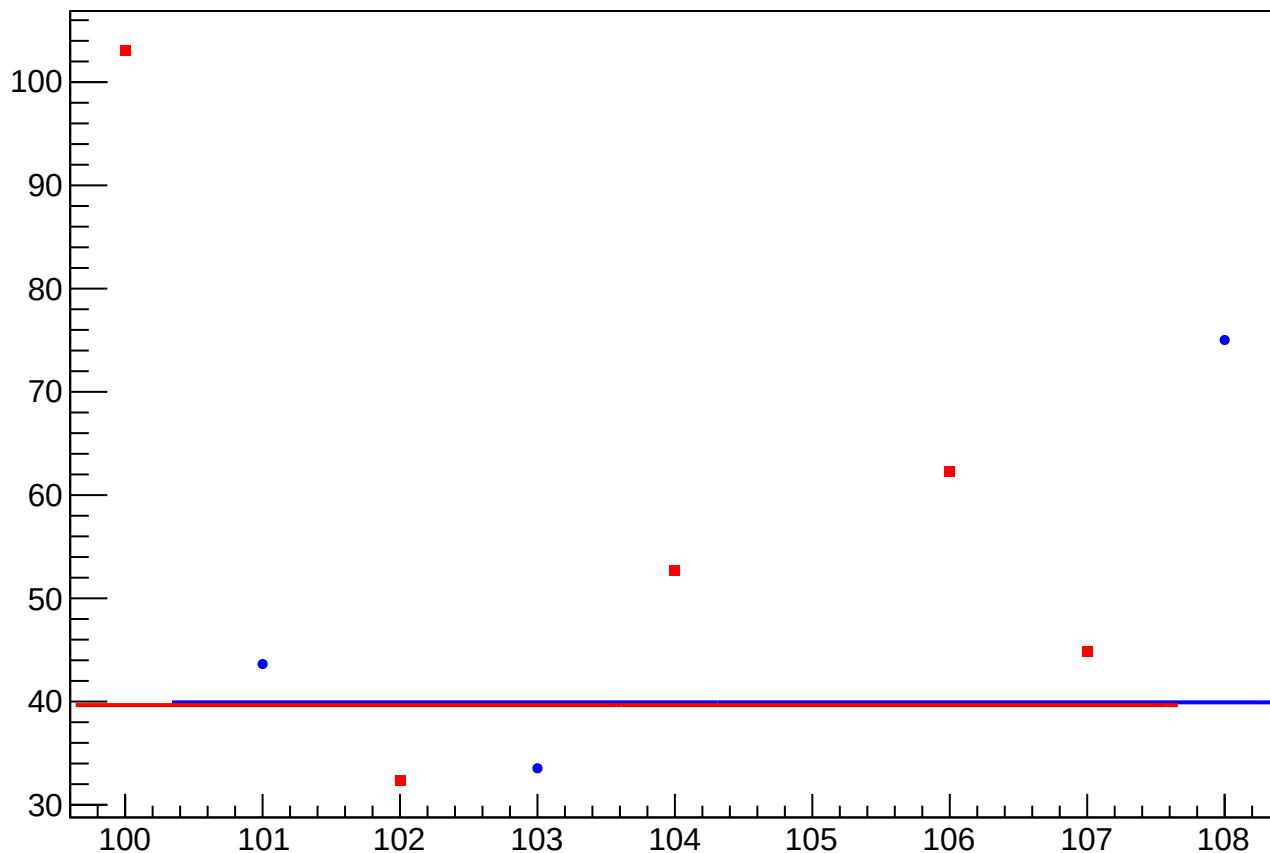
Right: 0.013 $\pm$ 0.024 χ^2 /NDF: 8.1/7

In: 0.052 $\pm$ 0.034 χ^2 /NDF:3.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.013 $\pm$ 0.024 χ^2 /NDF: 8.1/7

asym_sam_3748_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.924+/-0.024 χ^2/NDF : 205134.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.659+/-0.023 χ^2/NDF : 230338.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

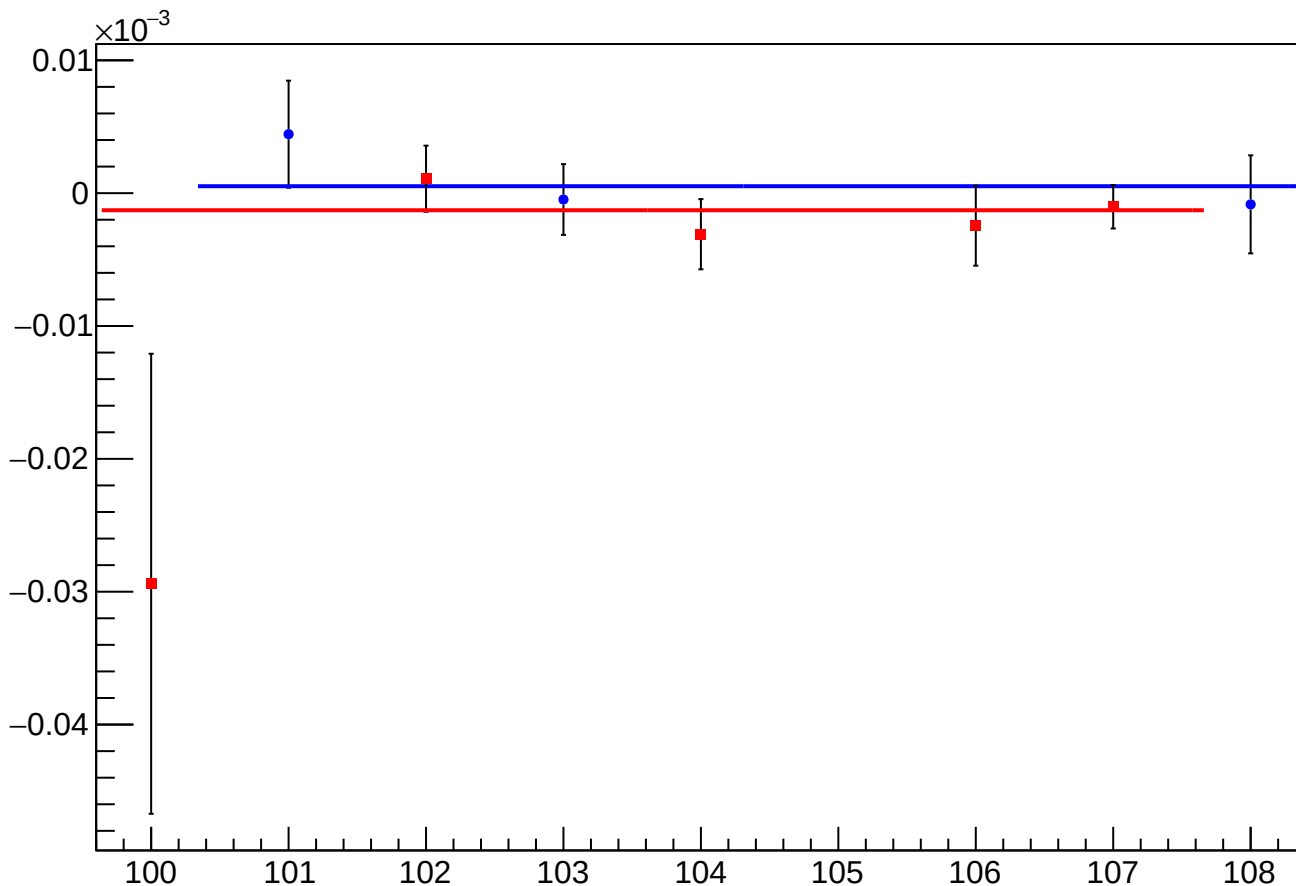
Right: 39.787+/-0.017 χ^2/NDF : 435535.7/7

In: 39.924+/-0.024 χ^2/NDF : 205134.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.787+/-0.017 χ^2/NDF : 435535.7/7

asym_sam_3748_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.2/4

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

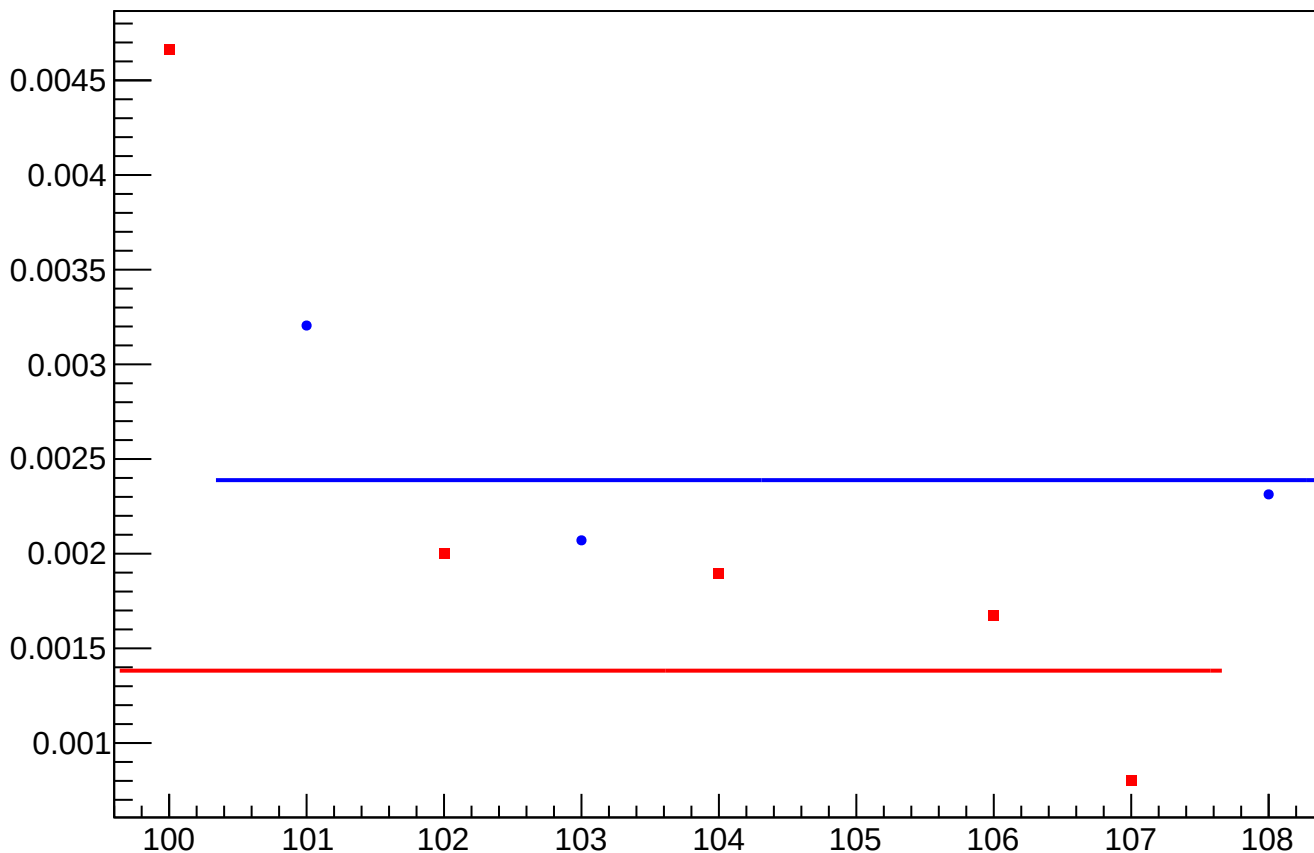
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.1/7

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.1/7

asym_sam_3748_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 111485.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 543307.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

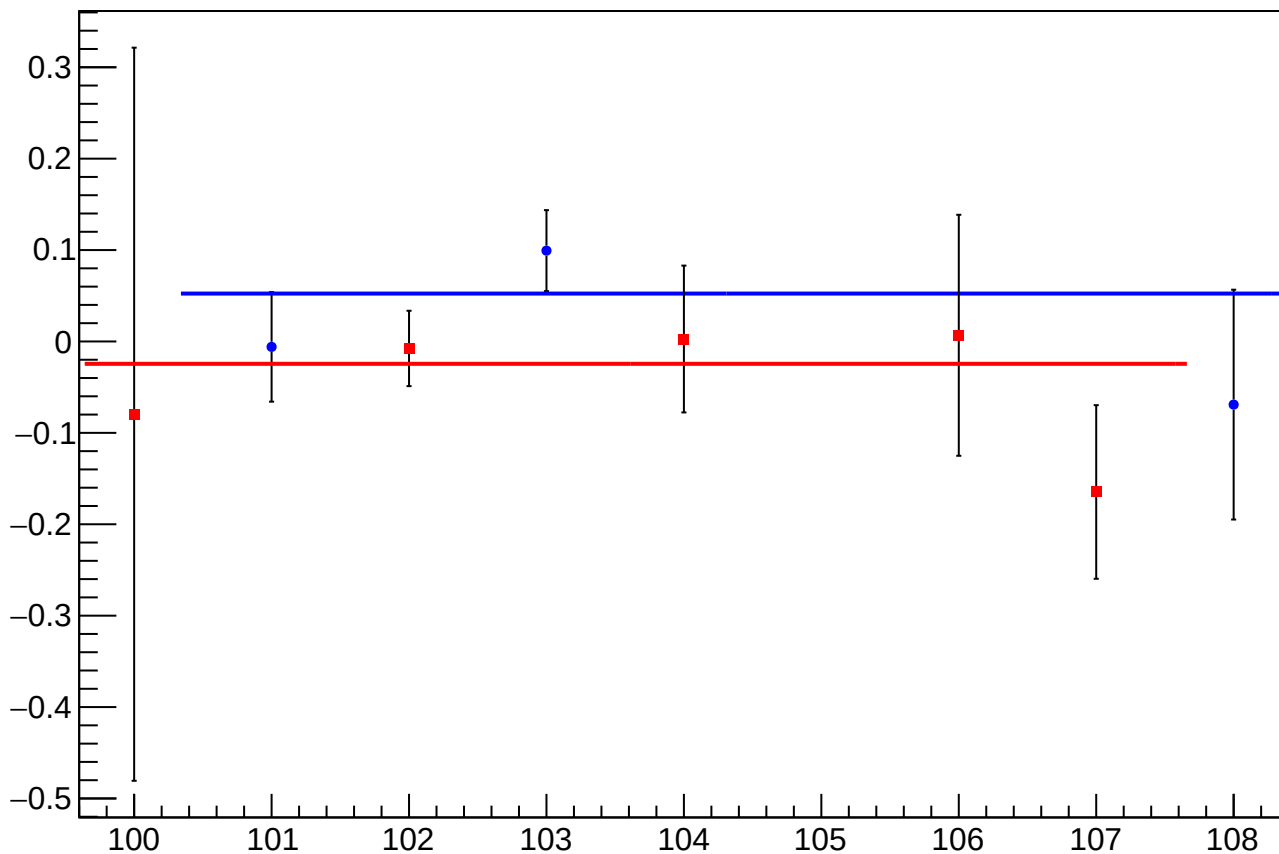
Right: 0.002+/-0.000 χ^2/NDF : 1069394.9/7

In: 0.002+/-0.000 χ^2/NDF : 111485.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1069394.9/7

asym_sam_3748_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.052 $\pm$ 0.034 χ^2 /NDF: 3.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.024 $\pm$ 0.033 χ^2 /NDF: 2.5/4

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

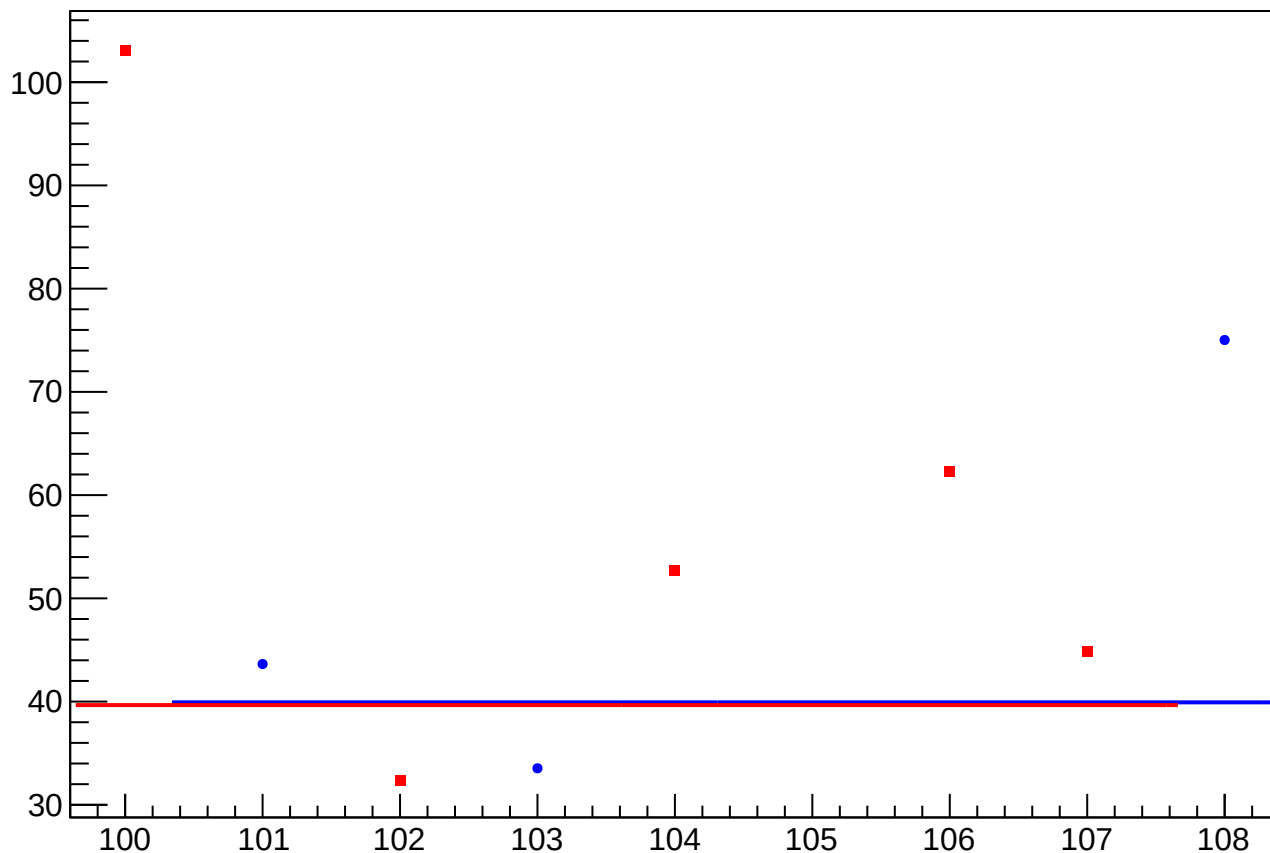
Right: 0.013 $\pm$ 0.024 χ^2 /NDF: 8.1/7

In: 0.052 $\pm$ 0.034 χ^2 /NDF:3.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.013 $\pm$ 0.024 χ^2 /NDF: 8.1/7

asym_sam_3748_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.925+/-0.024 χ^2/NDF : 205141.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.660+/-0.023 χ^2/NDF : 230341.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

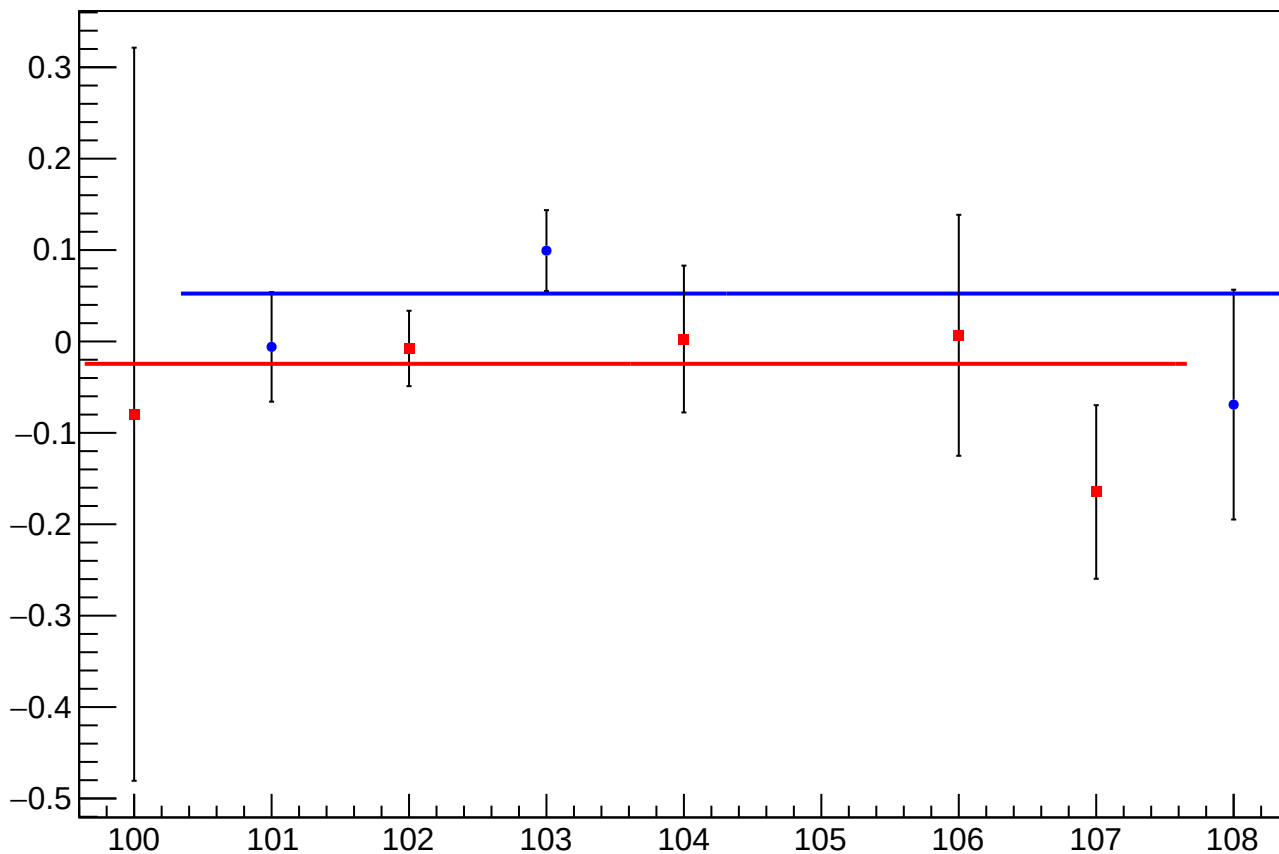
Right: 39.788+/-0.017 χ^2/NDF : 435544.6/7

In: 39.925+/-0.024 χ^2/NDF : 205141.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.788+/-0.017 χ^2/NDF : 435544.6/7

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.052 $\pm$ 0.034 χ^2 /NDF: 3.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.024 $\pm$ 0.033 χ^2 /NDF: 2.5/4

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

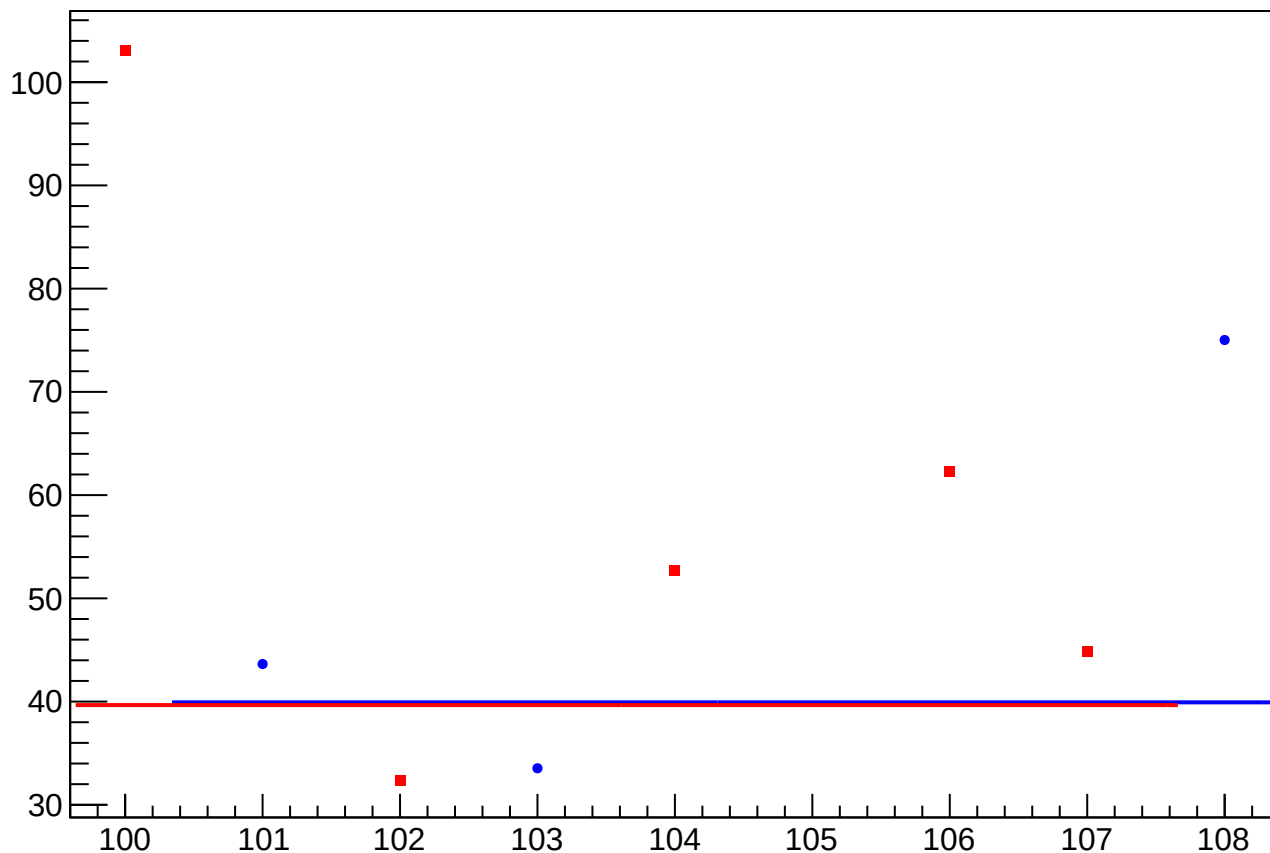
Right: 0.013 $\pm$ 0.024 χ^2 /NDF: 8.1/7

In: 0.052 $\pm$ 0.034 χ^2 /NDF:3.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.013 $\pm$ 0.024 χ^2 /NDF: 8.1/7

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.925+/-0.024 χ^2 /NDF: 205141.1/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 39.660+/-0.023 χ^2 /NDF: 230341.2/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

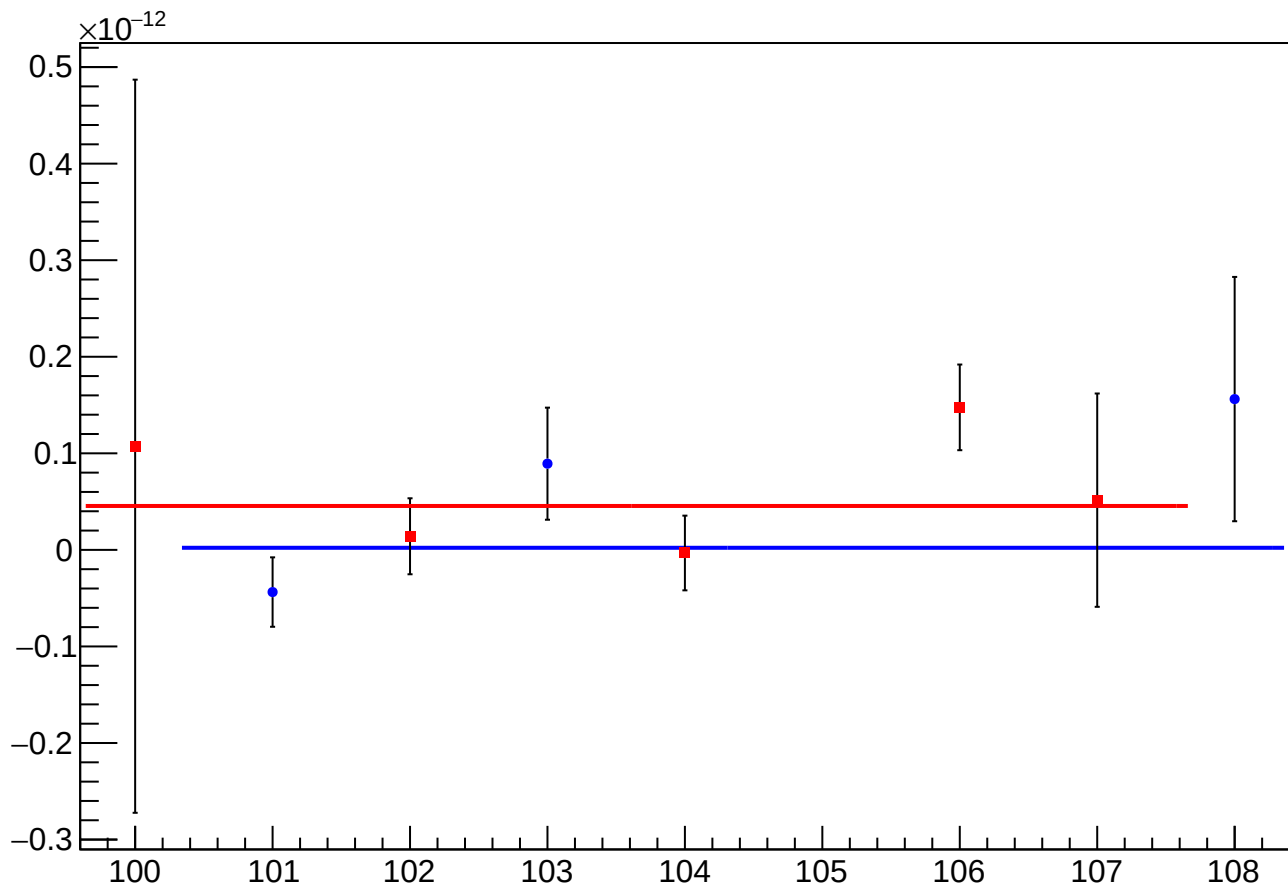
Right: 39.788+/-0.017 χ^2 /NDF: 435544.6/7

In: 39.925+/-0.024 χ^2 /NDF:205141.1/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 39.788+/-0.017 χ^2 /NDF: 435544.6/7

asym_sam_3748_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

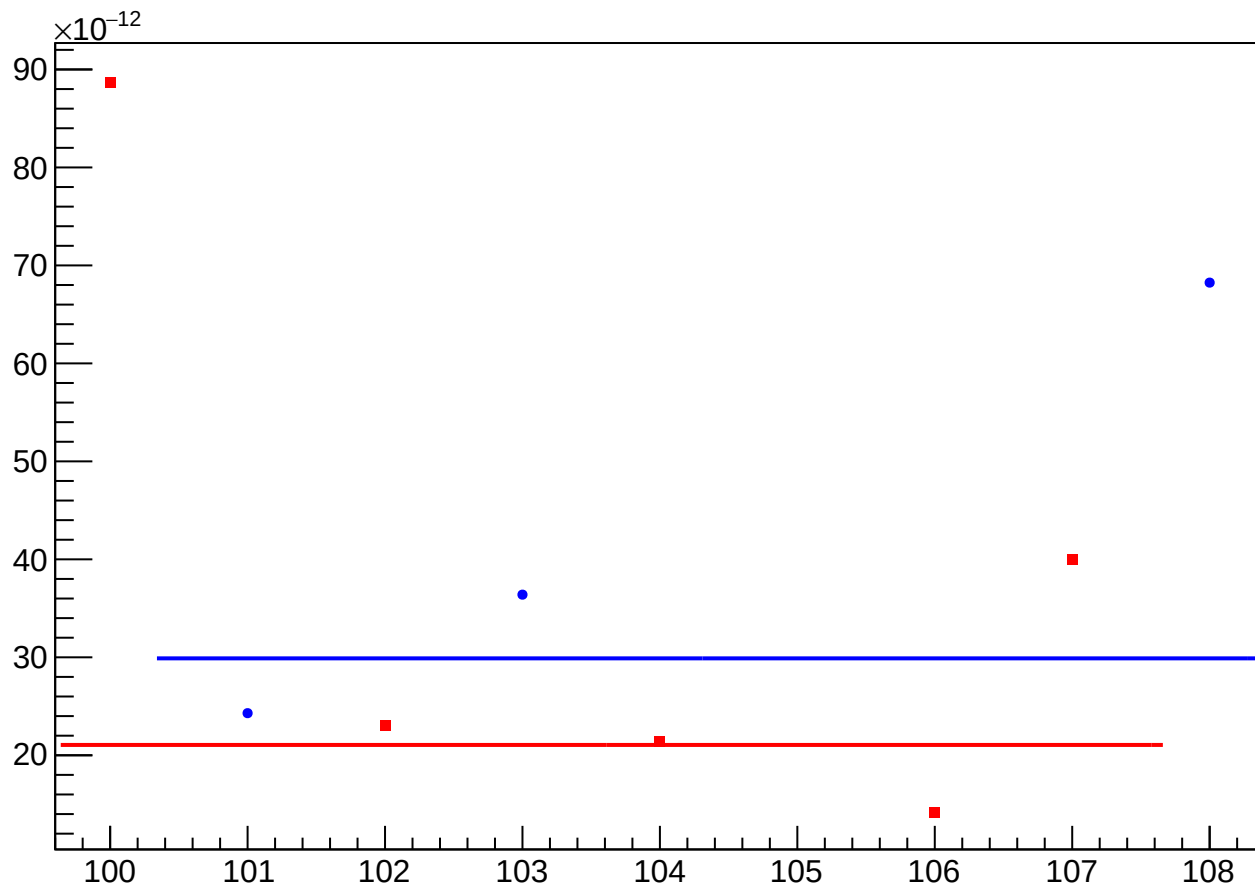
Right: 0.000+/-0.000 χ^2/NDF : 14.2/7

In: 0.000+/-0.000 χ^2/NDF : 5.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.2/7

asym_sam_3748_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 257331.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 175824.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

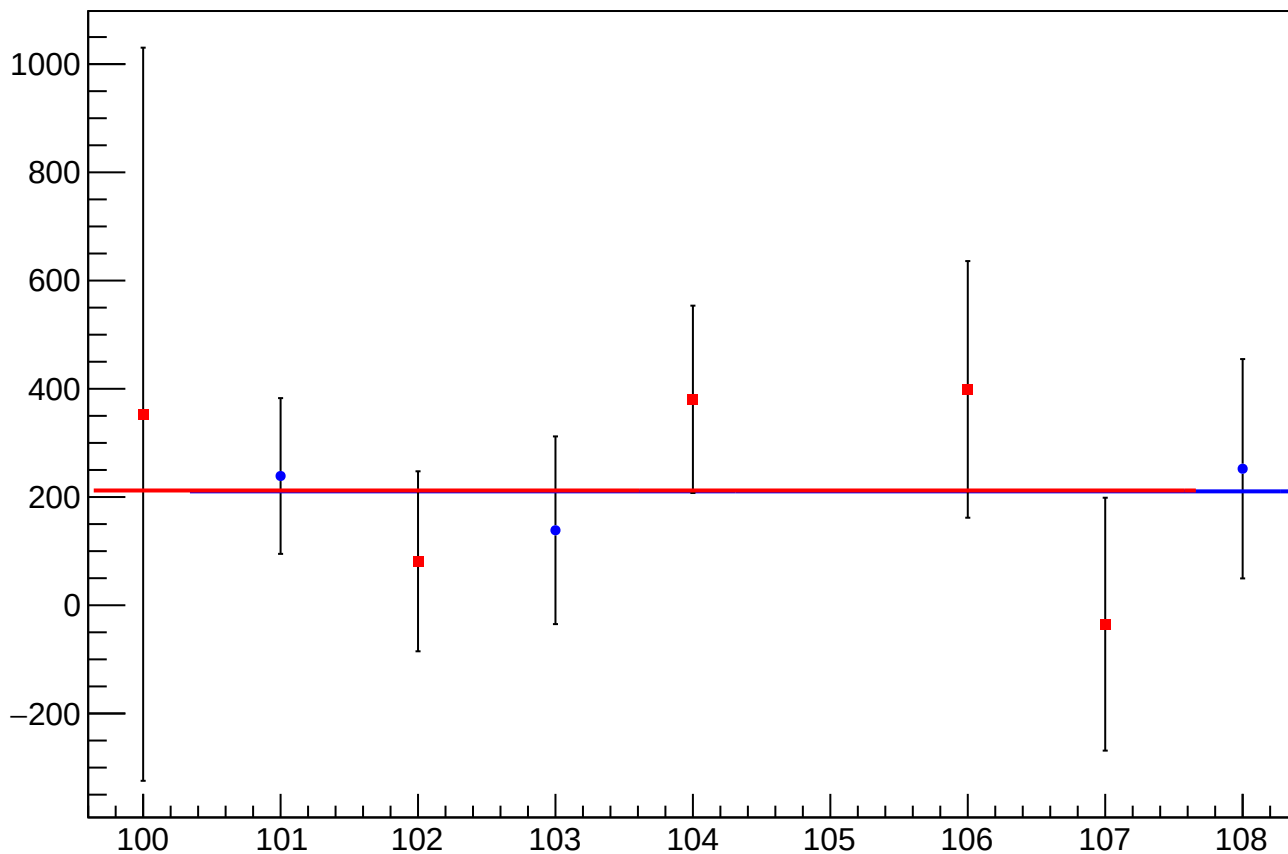
Right: 0.000+/-0.000 χ^2/NDF : 544254.4/7

In: 0.000+/-0.000 χ^2/NDF : 257331.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 544254.4/7

reg_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 210.461 $\pm$ 97.191 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 212.082 $\pm$ 96.308 χ^2 /NDF: 3.3/4

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

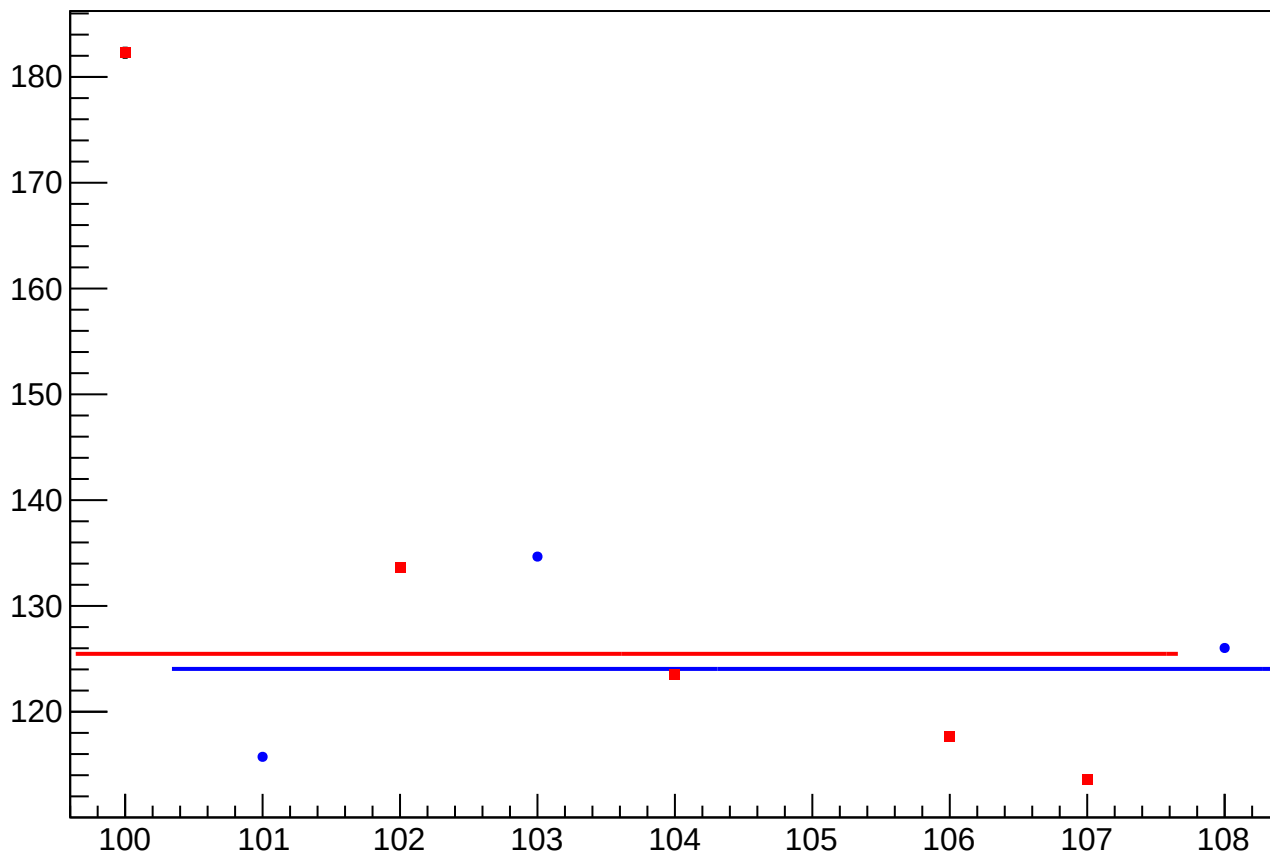
Right: 211.279 $\pm$ 68.410 χ^2 /NDF: 3.6/7

In: 210.461 $\pm$ 97.191 χ^2 /NDF: 0.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 211.279 $\pm$ 68.410 χ^2 /NDF: 3.6/7

reg_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 124.047+/-0.069 χ^2/NDF : 14351.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.473+/-0.068 χ^2/NDF : 26442.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

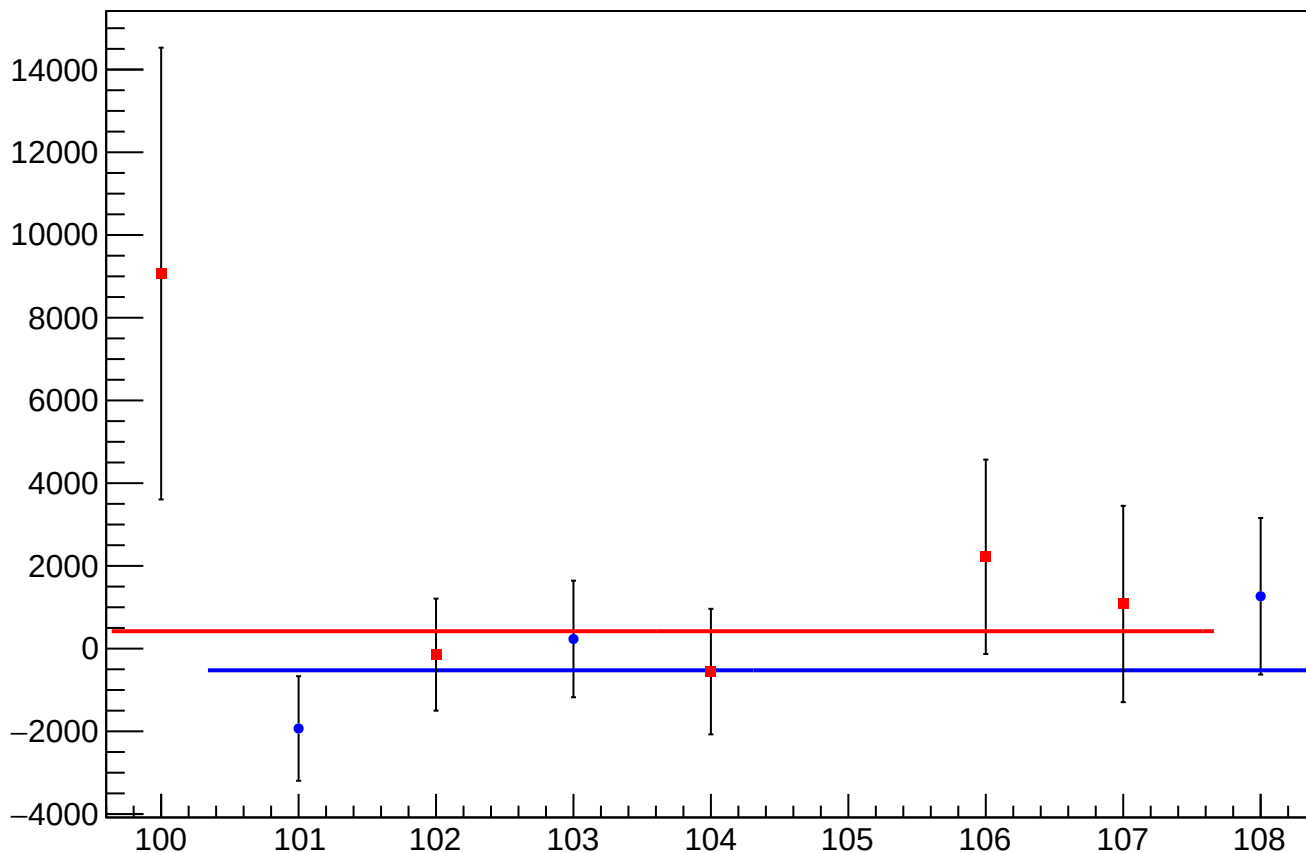
Right: 124.766+/-0.048 χ^2/NDF : 41010.3/7

In: 124.047+/-0.069 χ^2/NDF : 14351.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.766+/-0.048 χ^2/NDF : 41010.3/7

asym_sam_1526_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -524.013+/-842.791 χ^2/NDF : 2.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 420.615+/-853.872 χ^2/NDF : 3.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

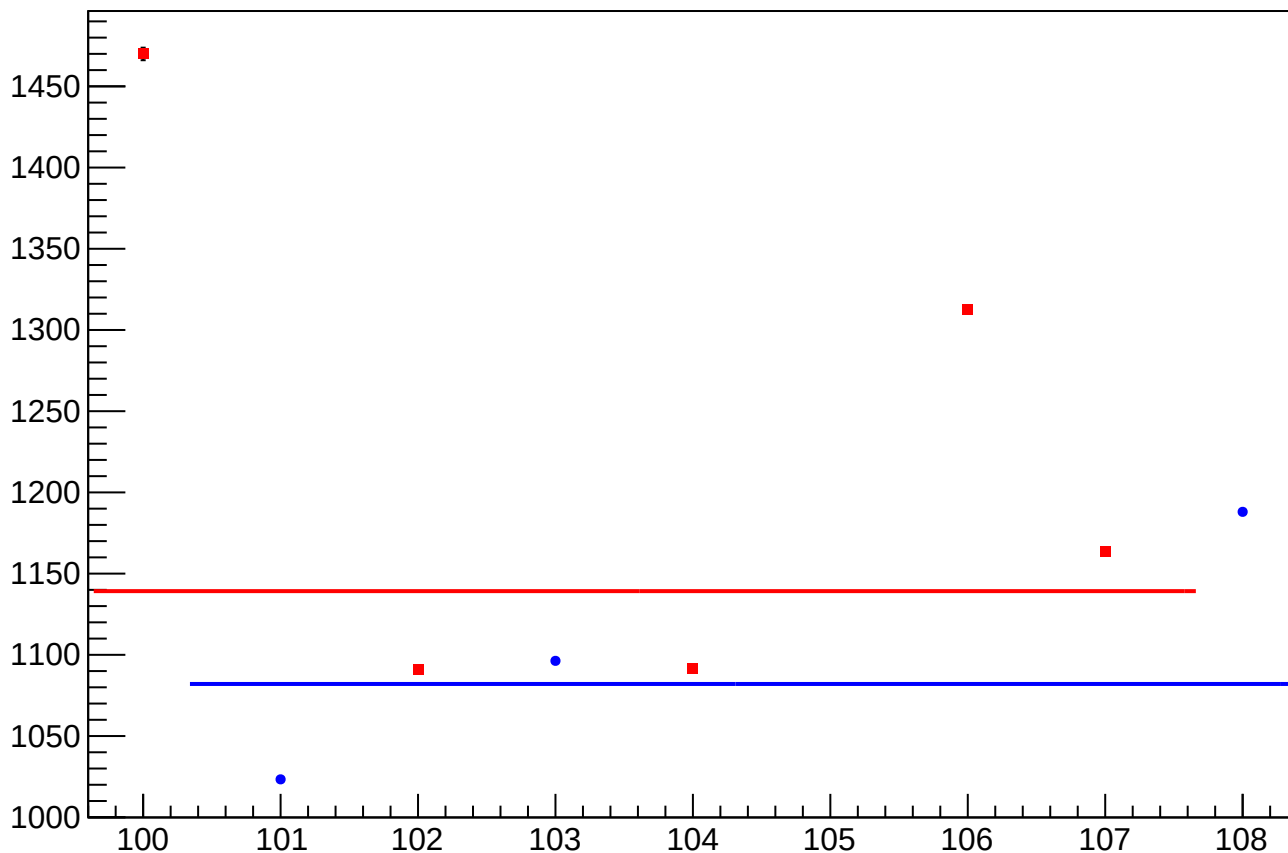
Right: -57.868+/-599.823 χ^2/NDF : 6.8/7

In: -524.013+/-842.791 χ^2/NDF : 2.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -57.868+/-599.823 χ^2/NDF : 6.8/7

asym_sam_1526_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1082.058+/-0.596 χ^2/NDF : 10784.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1139.217+/-0.604 χ^2/NDF : 22979.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

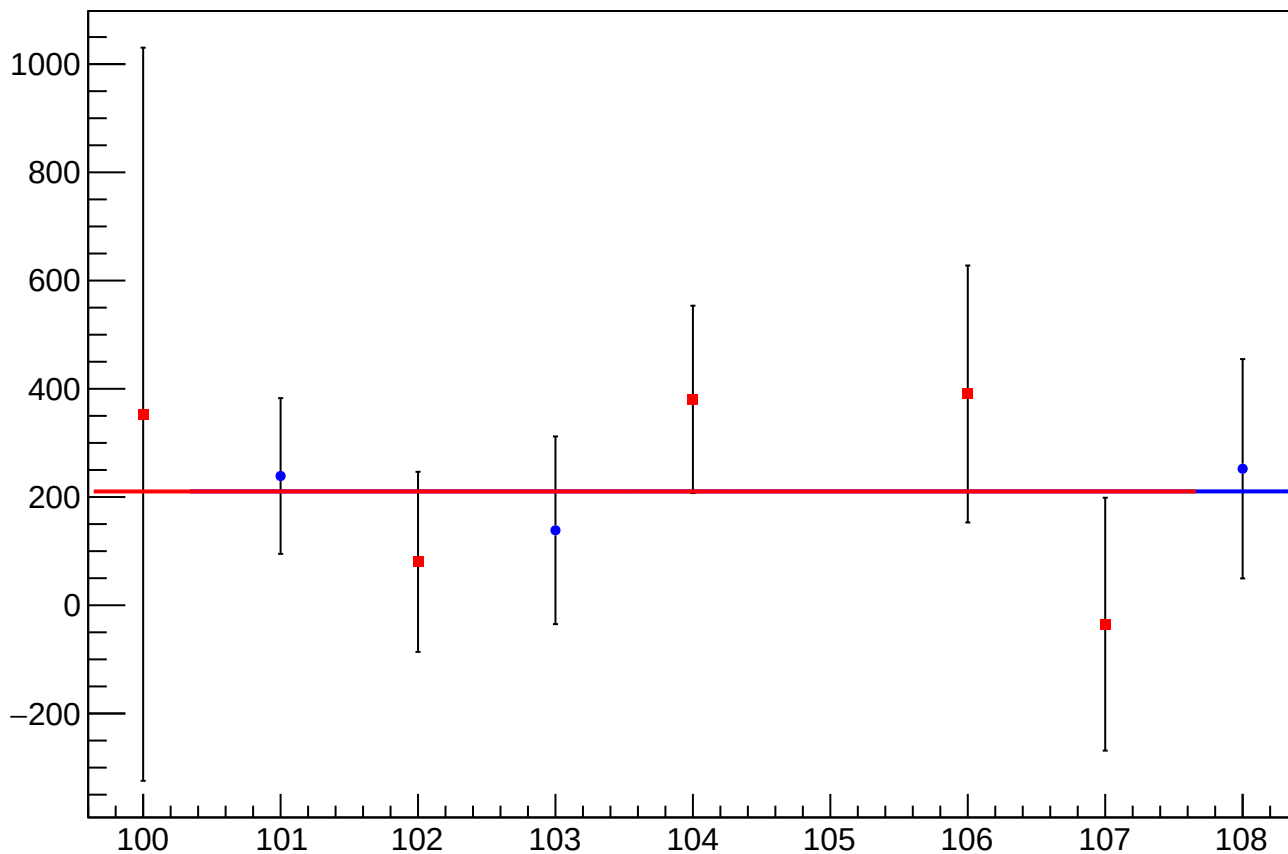
Right: 1110.264+/-0.424 χ^2/NDF : 38303.4/7

In: 1082.058+/-0.596 χ^2/NDF : 10784.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1110.264+/-0.424 χ^2/NDF : 38303.4/7

cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 210.441 $\pm$ 97.191 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 210.284 $\pm$ 96.344 χ^2 /NDF: 3.3/4

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

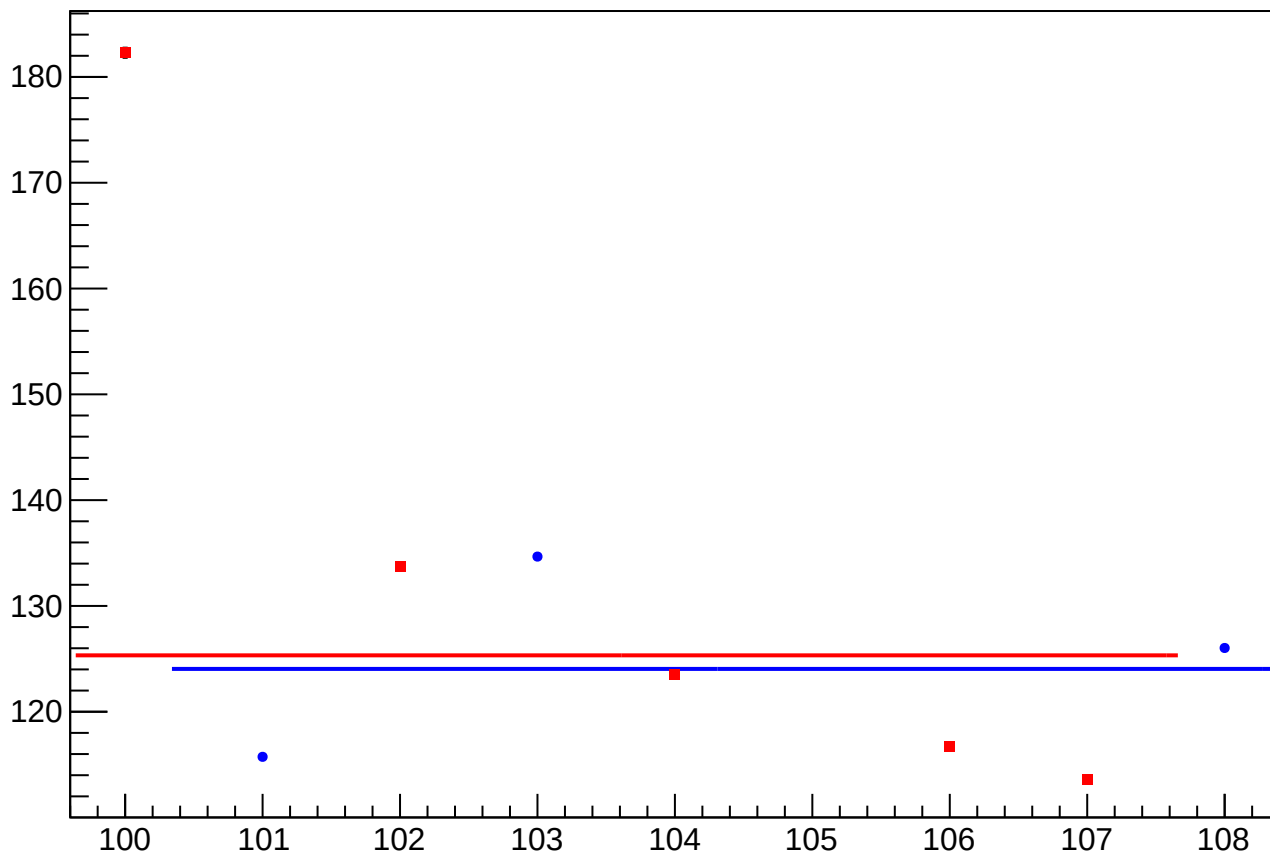
Right: 210.362 $\pm$ 68.423 χ^2 /NDF: 3.6/7

In: 210.441 $\pm$ 97.191 χ^2 /NDF: 0.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 210.362 $\pm$ 68.423 χ^2 /NDF: 3.6/7

cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 124.048 $\pm$ 0.069 χ^2 /NDF: 14351.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 125.330 $\pm$ 0.068 χ^2 /NDF: 27107.7/4

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

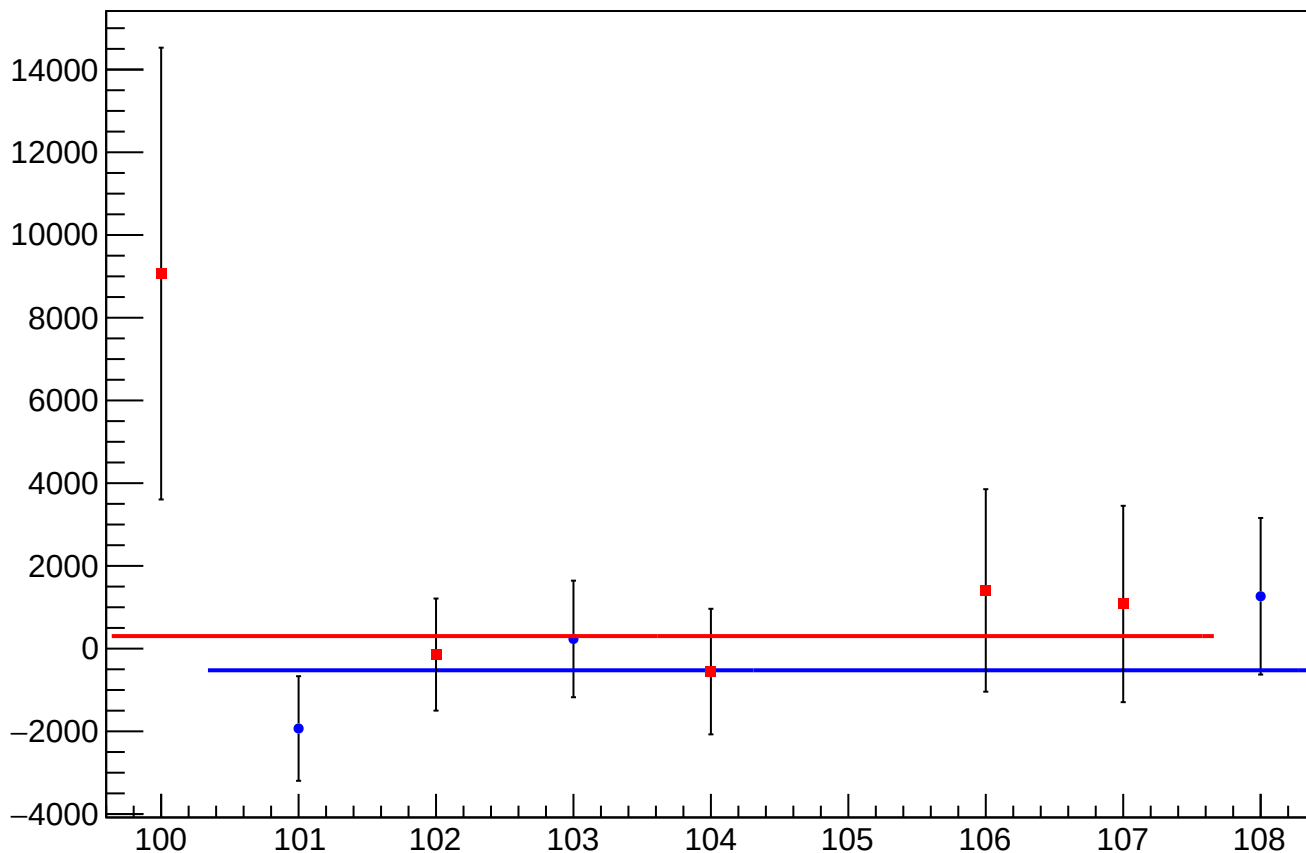
Right: 124.694 $\pm$ 0.048 χ^2 /NDF: 41635.0/7

In: 124.048 $\pm$ 0.069 χ^2 /NDF:14351.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 124.694 $\pm$ 0.048 χ^2 /NDF: 41635.0/7

asym_sam_1526_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -523.808+/-842.808 χ^2/NDF : 2.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 302.939+/-858.585 χ^2/NDF : 3.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

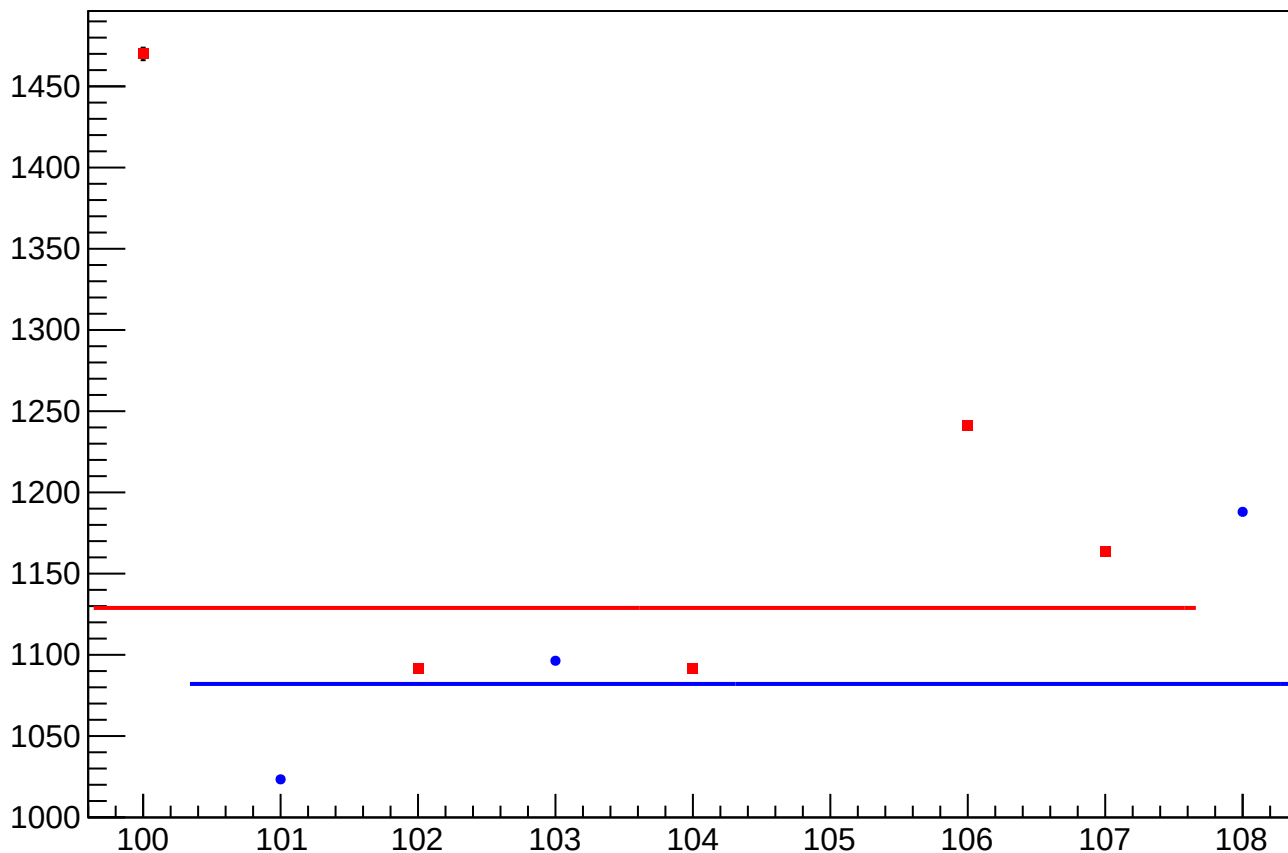
Right: -118.100+/-601.456 χ^2/NDF : 6.2/7

In: -523.808+/-842.808 χ^2/NDF : 2.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -118.100+/-601.456 χ^2/NDF : 6.2/7

asym_sam_1526_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1082.078+/-0.596 χ^2/NDF : 10785.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1128.878+/-0.607 χ^2/NDF : 15126.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

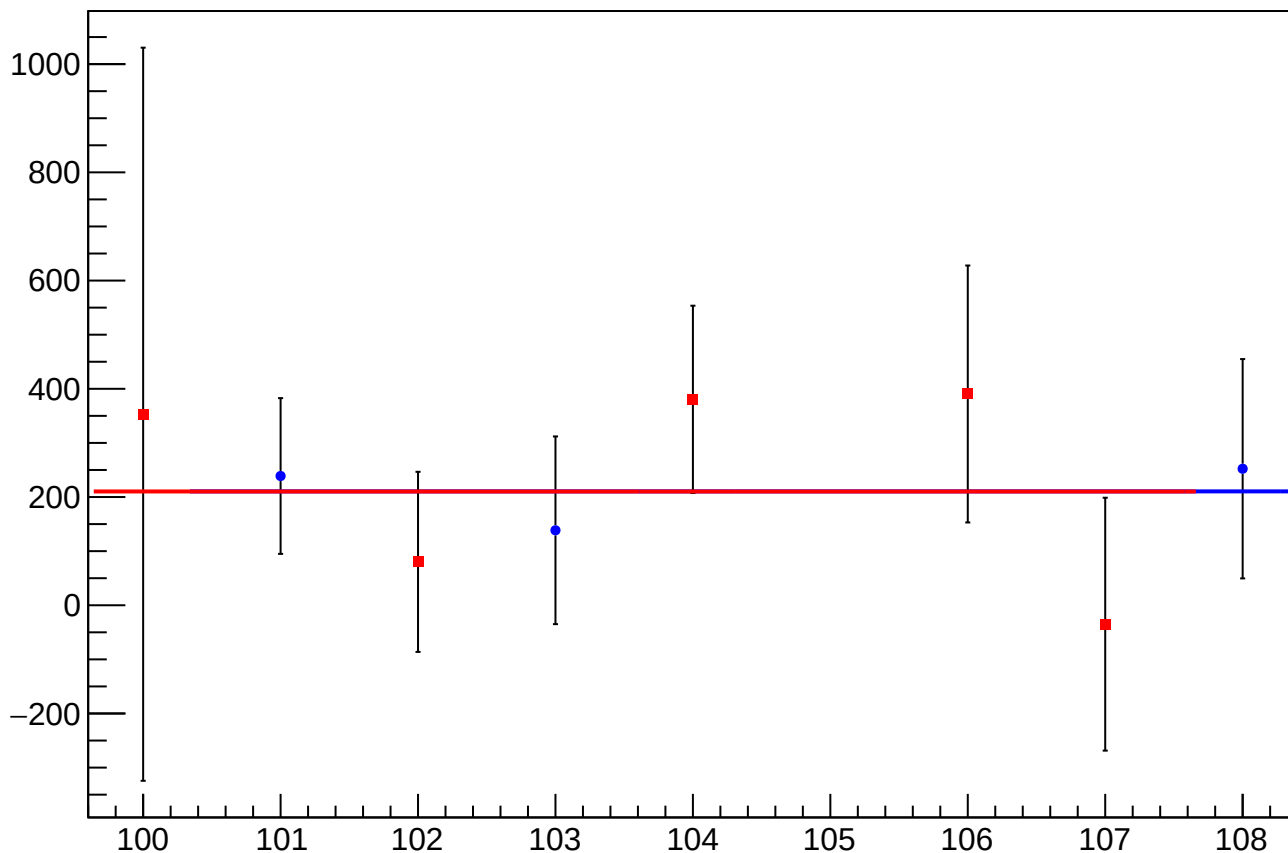
Right: 1105.044+/-0.425 χ^2/NDF : 28937.8/7

In: 1082.078+/-0.596 χ^2/NDF : 10785.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1105.044+/-0.425 χ^2/NDF : 28937.8/7

eigen_cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 210.441 $\pm$ 97.191 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 210.284 $\pm$ 96.344 χ^2 /NDF: 3.3/4

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

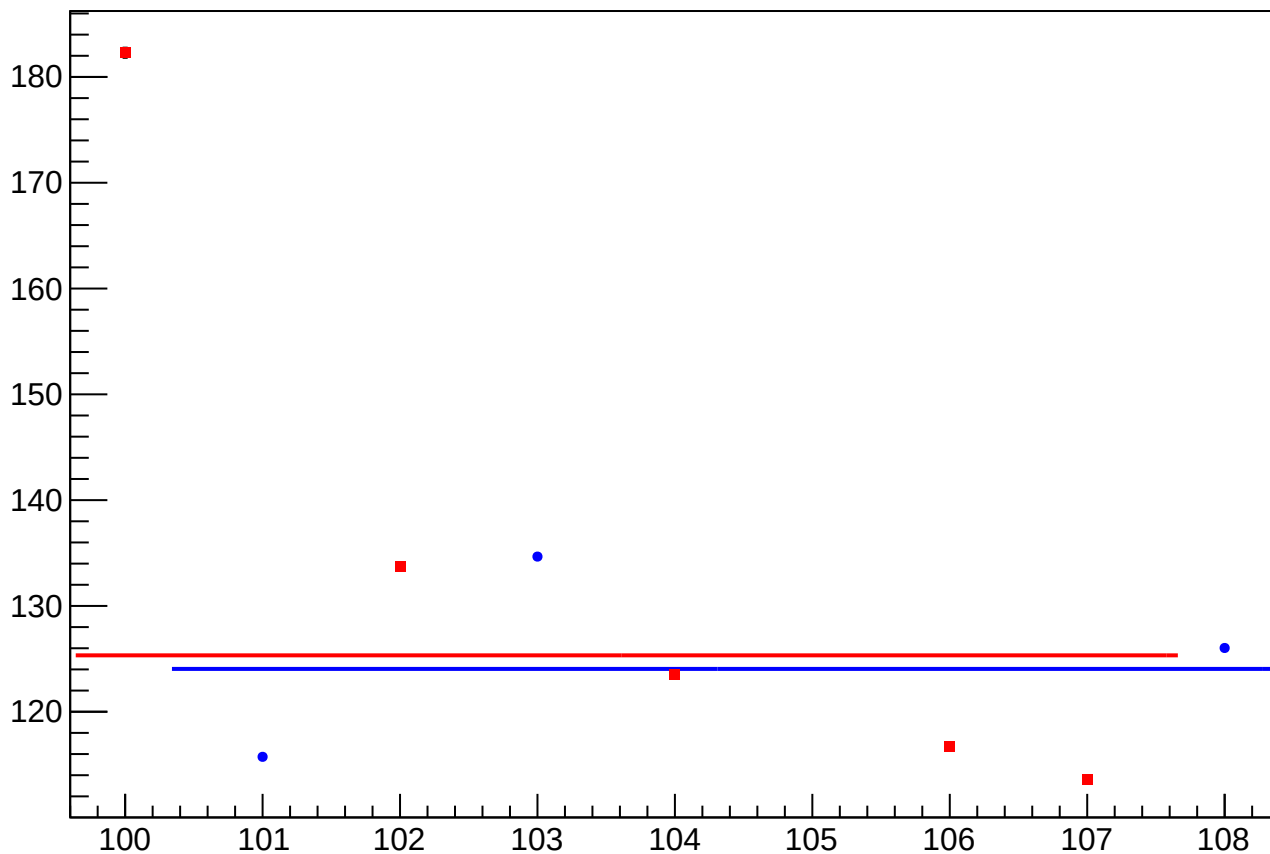
Right: 210.362 $\pm$ 68.423 χ^2 /NDF: 3.6/7

In: 210.441 $\pm$ 97.191 χ^2 /NDF:0.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 210.362 $\pm$ 68.423 χ^2 /NDF: 3.6/7

eigen_cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 124.048+/-0.069 χ^2/NDF : 14351.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.330+/-0.068 χ^2/NDF : 27107.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

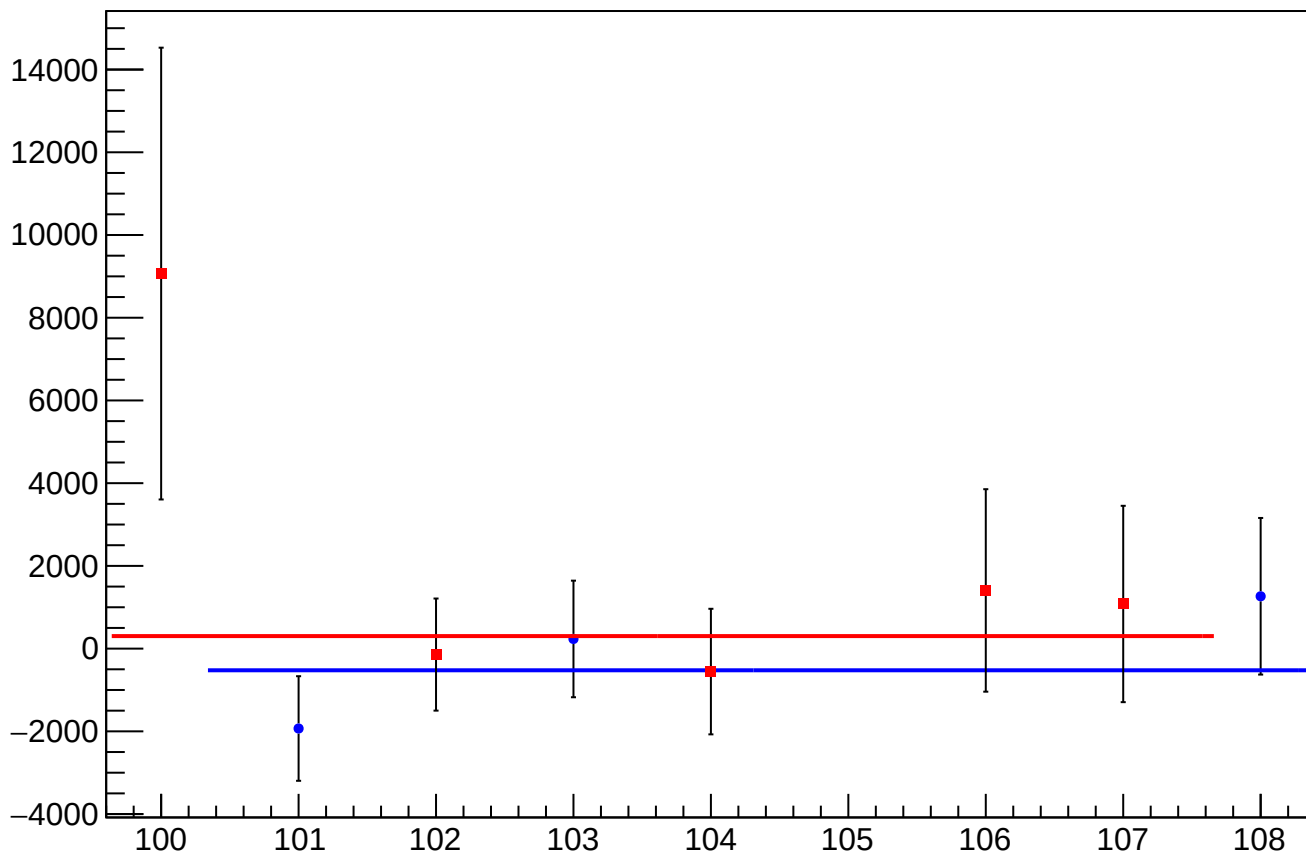
Right: 124.694+/-0.048 χ^2/NDF : 41635.0/7

In: 124.048+/-0.069 χ^2/NDF : 14351.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.694+/-0.048 χ^2/NDF : 41635.0/7

asym_sam_1526_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -523.808 $\pm$ 842.808 χ^2 /NDF: 2.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 302.939 $\pm$ 858.585 χ^2 /NDF: 3.3/4

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

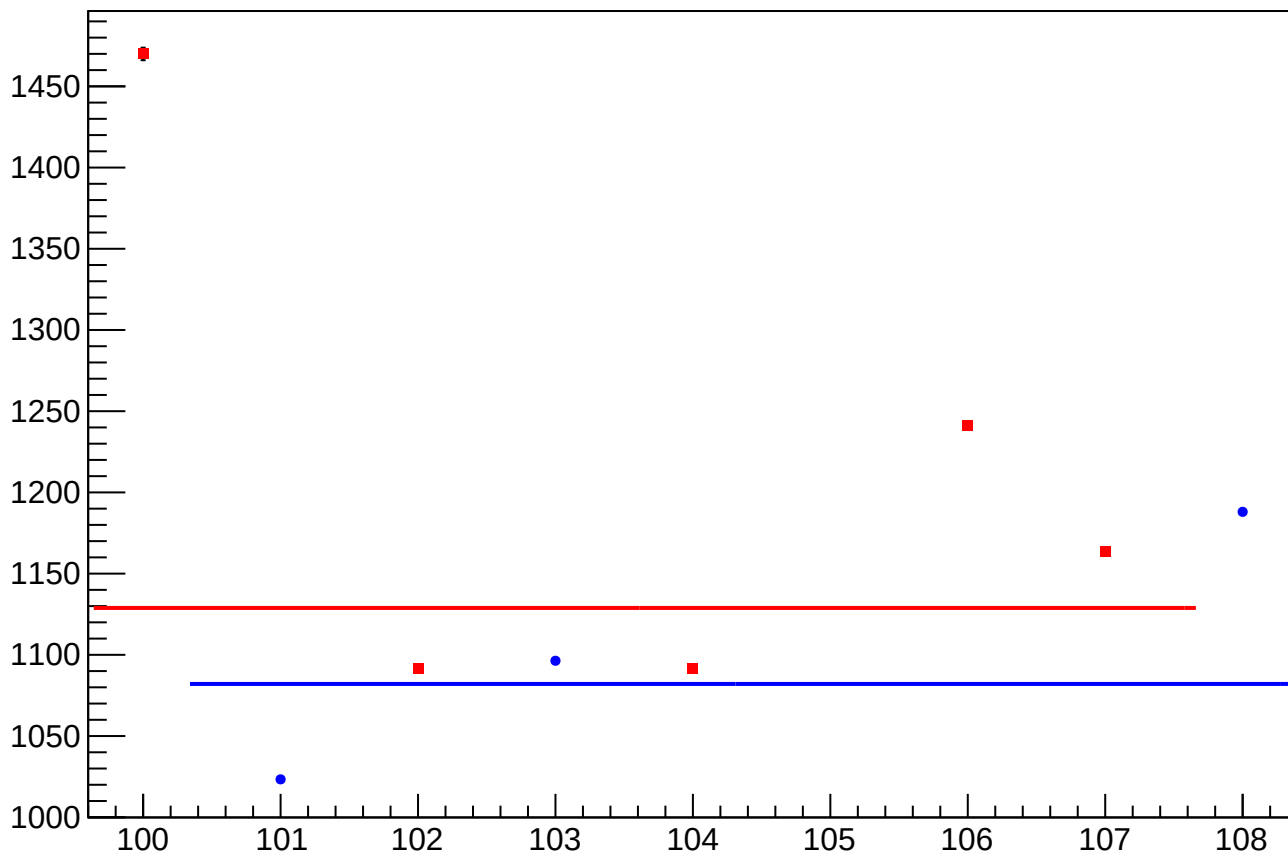
Right: -118.100 $\pm$ 601.456 χ^2 /NDF: 6.2/7

In: -523.808 $\pm$ 842.808 χ^2 /NDF: 2.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -118.100 $\pm$ 601.456 χ^2 /NDF: 6.2/7

asym_sam_1526_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1082.078+/-0.596 χ^2/NDF : 10785.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1128.878+/-0.607 χ^2/NDF : 15126.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

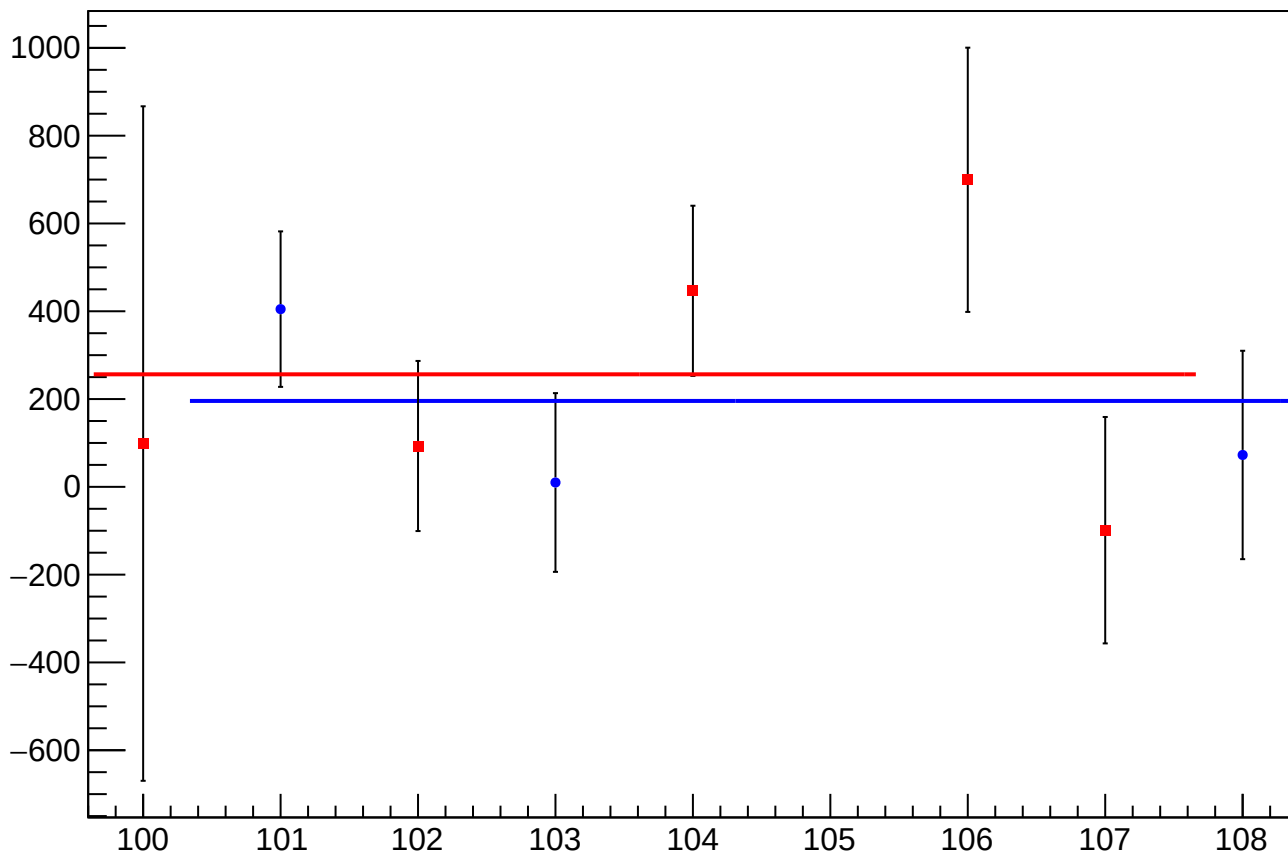
Right: 1105.044+/-0.425 χ^2/NDF : 28937.8/7

In: 1082.078+/-0.596 χ^2/NDF : 10785.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1105.044+/-0.425 χ^2/NDF : 28937.8/7

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 195.711 $\pm$ 116.445 χ^2 /NDF: 2.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 256.356 $\pm$ 111.097 χ^2 /NDF: 5.8/4

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

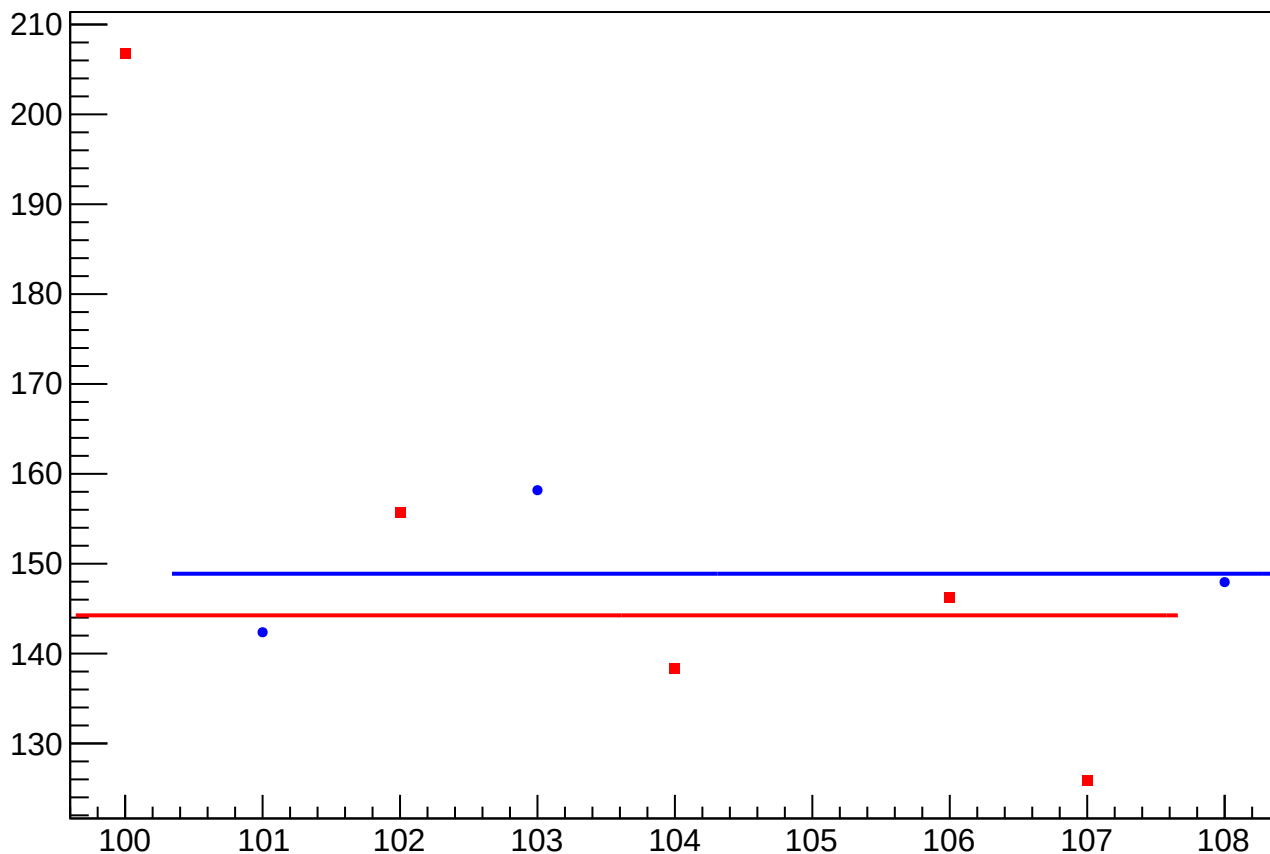
Right: 227.458 $\pm$ 80.382 χ^2 /NDF: 8.4/7

In: 195.711 $\pm$ 116.445 χ^2 /NDF: 2.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 227.458 $\pm$ 80.382 χ^2 /NDF: 8.4/7

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 148.885 $\pm$ 0.082 χ^2 /NDF: 6903.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 144.253 $\pm$ 0.079 χ^2 /NDF: 32280.9/4

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

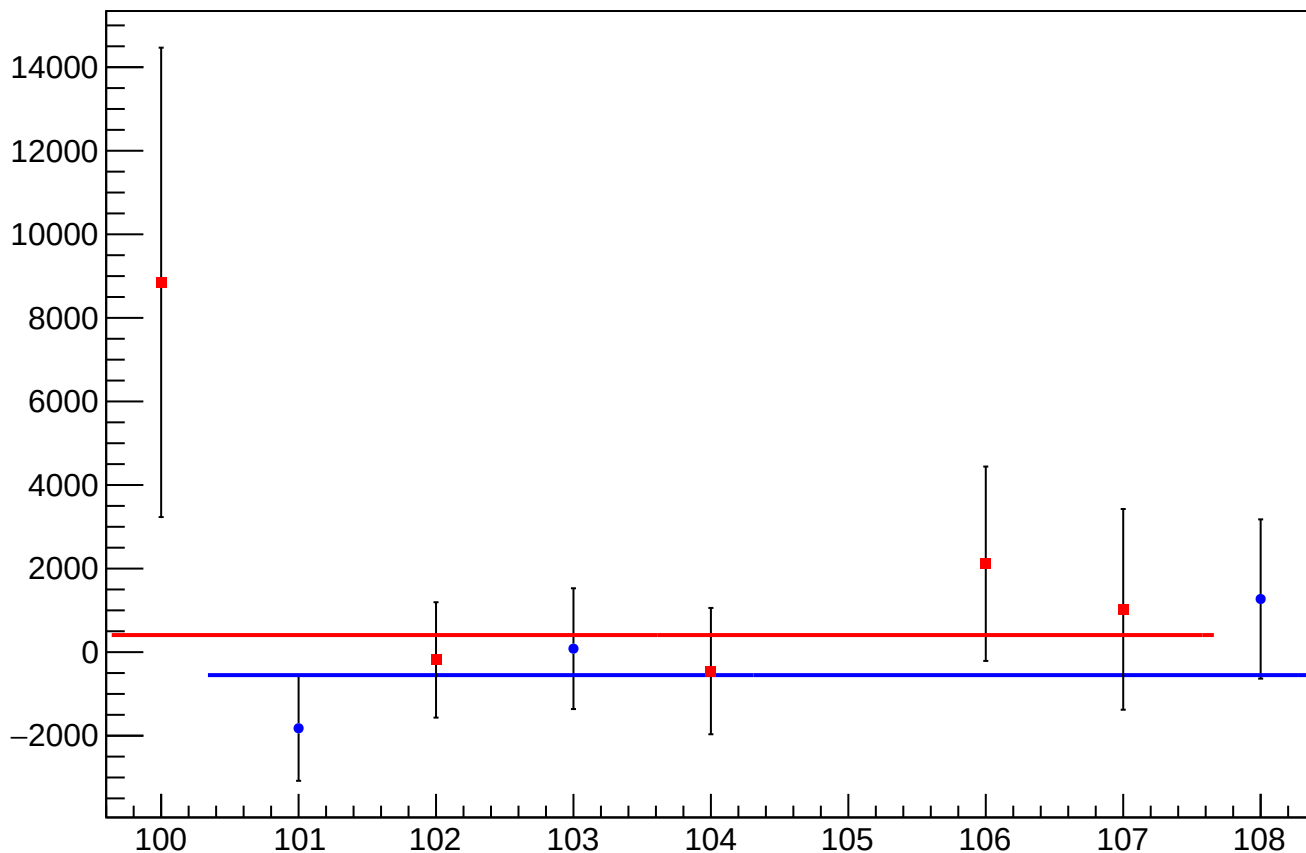
Right: 146.460 $\pm$ 0.057 χ^2 /NDF: 40841.0/7

In: 148.885 $\pm$ 0.082 χ^2 /NDF:6903.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 146.460 $\pm$ 0.057 χ^2 /NDF: 40841.0/7

asym_sam_1526_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -549.727+/-849.251 χ^2/NDF : 2.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 408.913+/-859.958 χ^2/NDF : 3.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

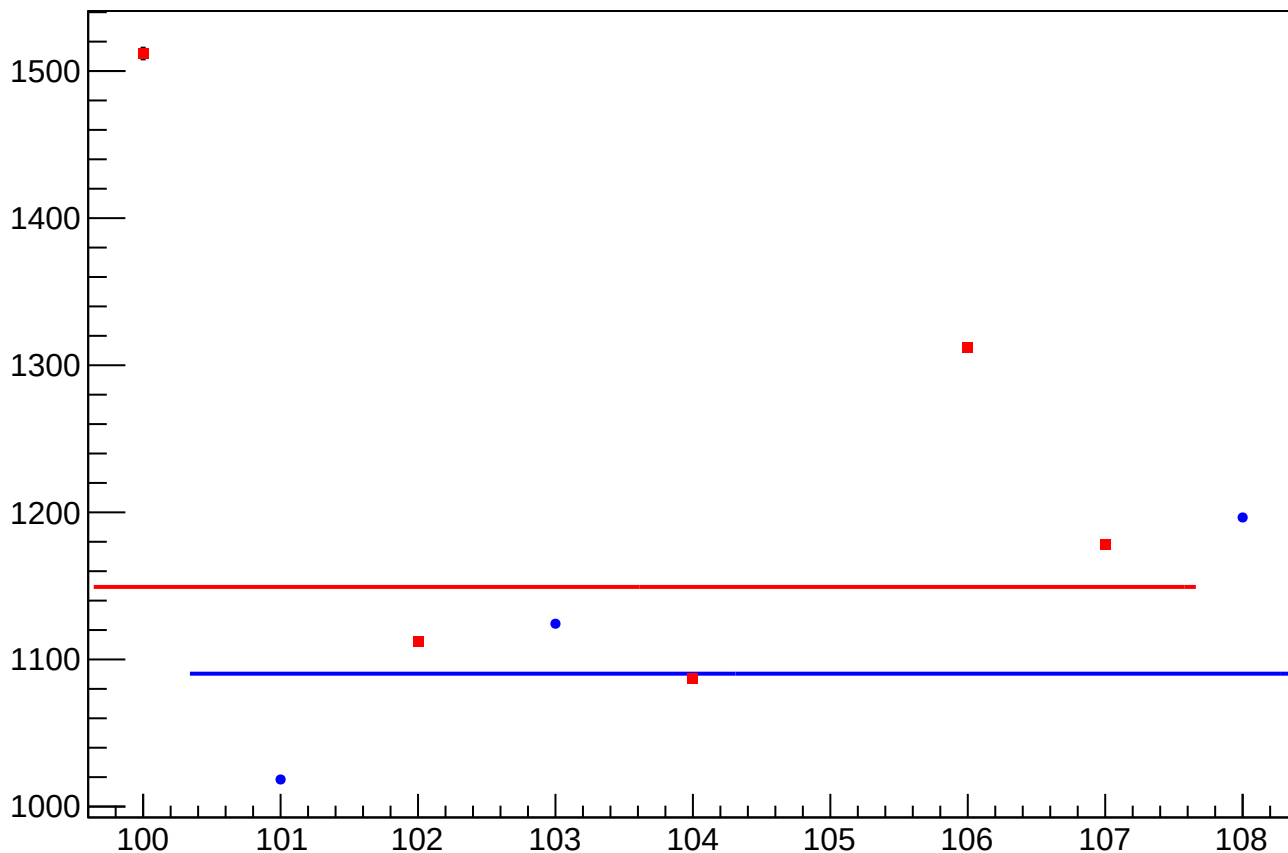
Right: -76.412+/-604.261 χ^2/NDF : 6.1/7

In: -549.727+/-849.251 χ^2/NDF : 2.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -76.412+/-604.261 χ^2/NDF : 6.1/7

asym_sam_1526_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1090.332 $\pm$ 0.601 χ^2 /NDF: 13859.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1149.307 $\pm$ 0.608 χ^2 /NDF: 23277.1/4

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

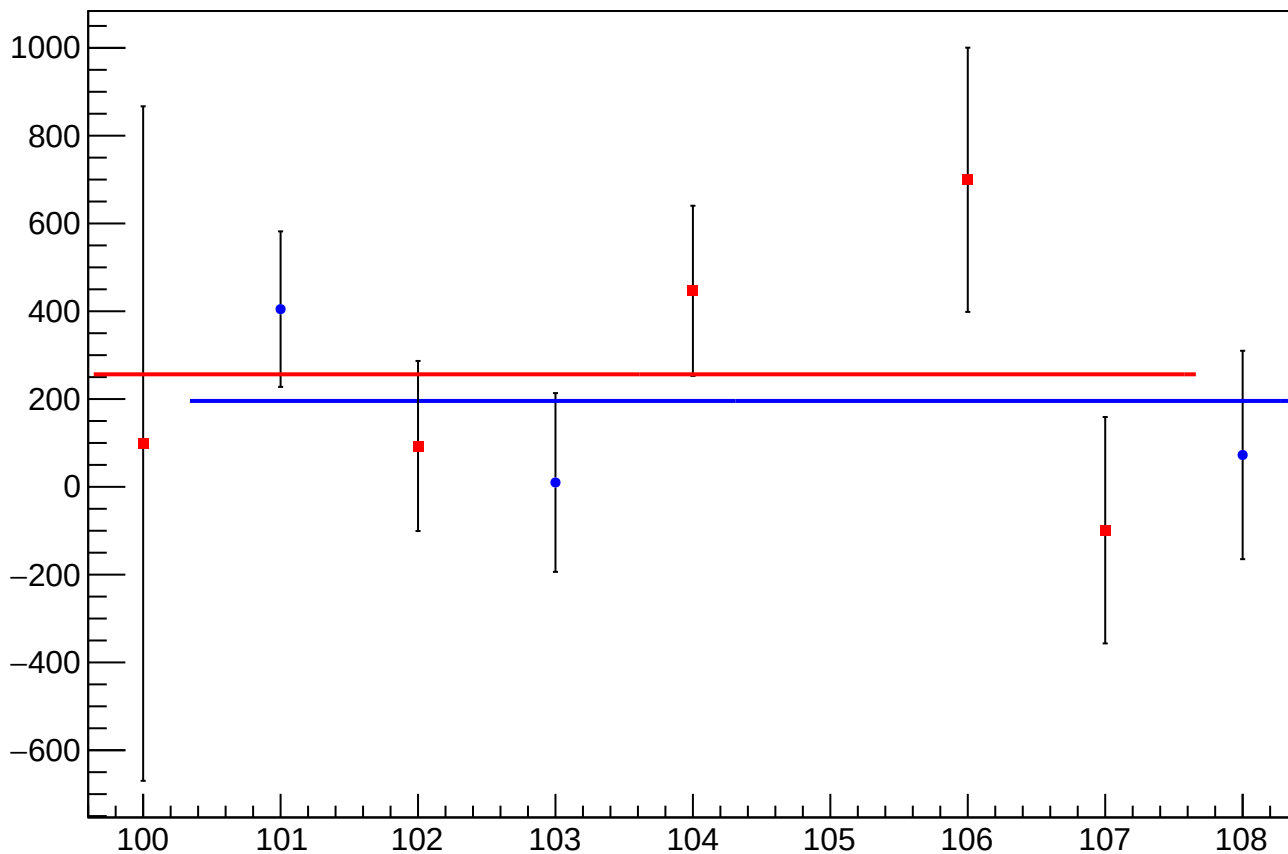
Right: 1119.450 $\pm$ 0.427 χ^2 /NDF: 41898.1/7

In: 1090.332 $\pm$ 0.601 χ^2 /NDF:13859.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1119.450 $\pm$ 0.427 χ^2 /NDF: 41898.1/7

eigen_dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 195.708 $\pm$ 116.445 χ^2 /NDF: 2.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 256.358 $\pm$ 111.097 χ^2 /NDF: 5.8/4

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

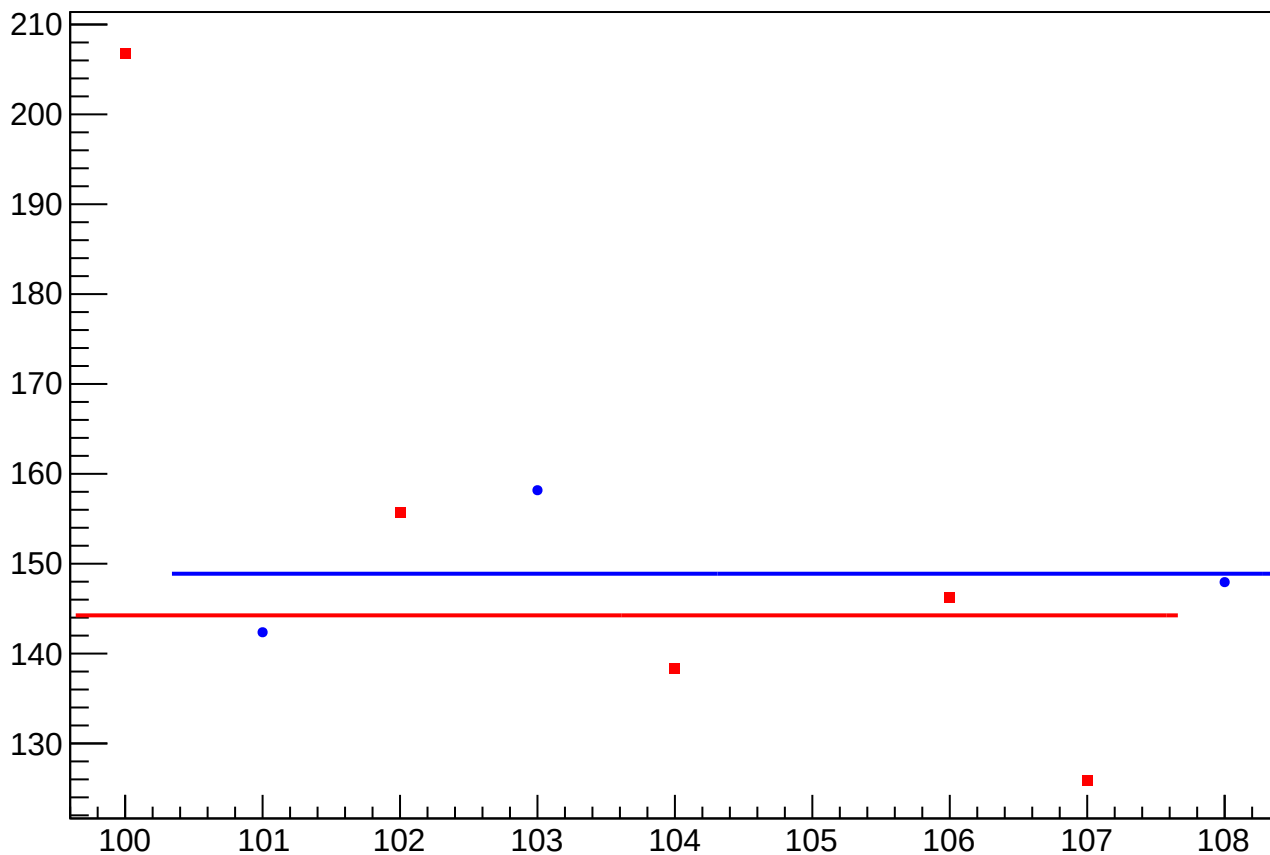
Right: 227.458 $\pm$ 80.382 χ^2 /NDF: 8.4/7

In: 195.708 $\pm$ 116.445 χ^2 /NDF: 2.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 227.458 $\pm$ 80.382 χ^2 /NDF: 8.4/7

eigen_dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 148.885 $\pm$ 0.082 χ^2 /NDF: 6902.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 144.252 $\pm$ 0.079 χ^2 /NDF: 32280.1/4

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

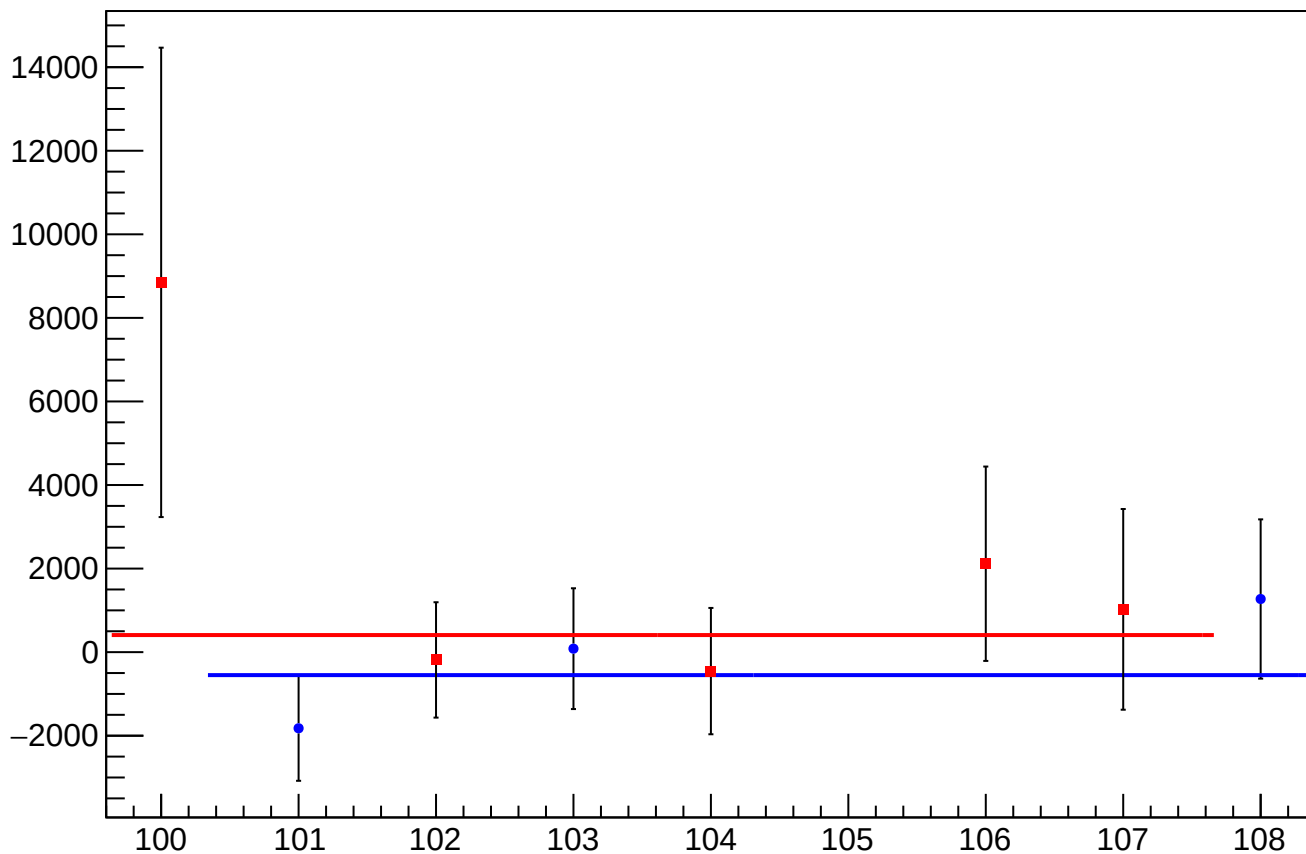
Right: 146.460 $\pm$ 0.057 χ^2 /NDF: 40839.6/7

In: 148.885 $\pm$ 0.082 χ^2 /NDF:6902.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 146.460 $\pm$ 0.057 χ^2 /NDF: 40839.6/7

asym_sam_1526_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -549.727 $\pm$ 849.249 χ^2 /NDF: 2.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 408.910 $\pm$ 859.956 χ^2 /NDF: 3.4/4

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

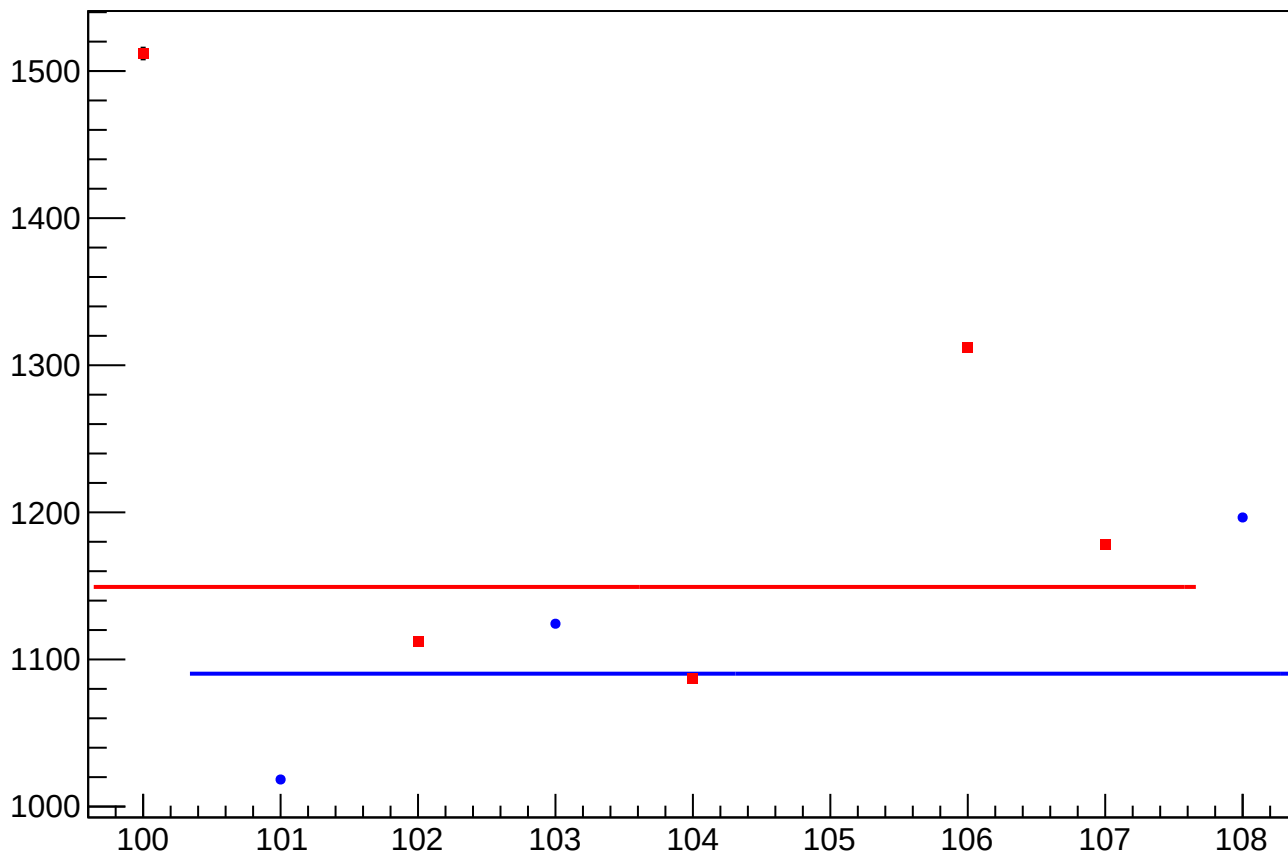
Right: -76.413 $\pm$ 604.260 χ^2 /NDF: 6.1/7

In: -549.727 $\pm$ 849.249 χ^2 /NDF: 2.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -76.413 $\pm$ 604.260 χ^2 /NDF: 6.1/7

asym_sam_1526_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1090.330+/-0.601 χ^2/NDF : 13858.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1149.304+/-0.608 χ^2/NDF : 23277.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

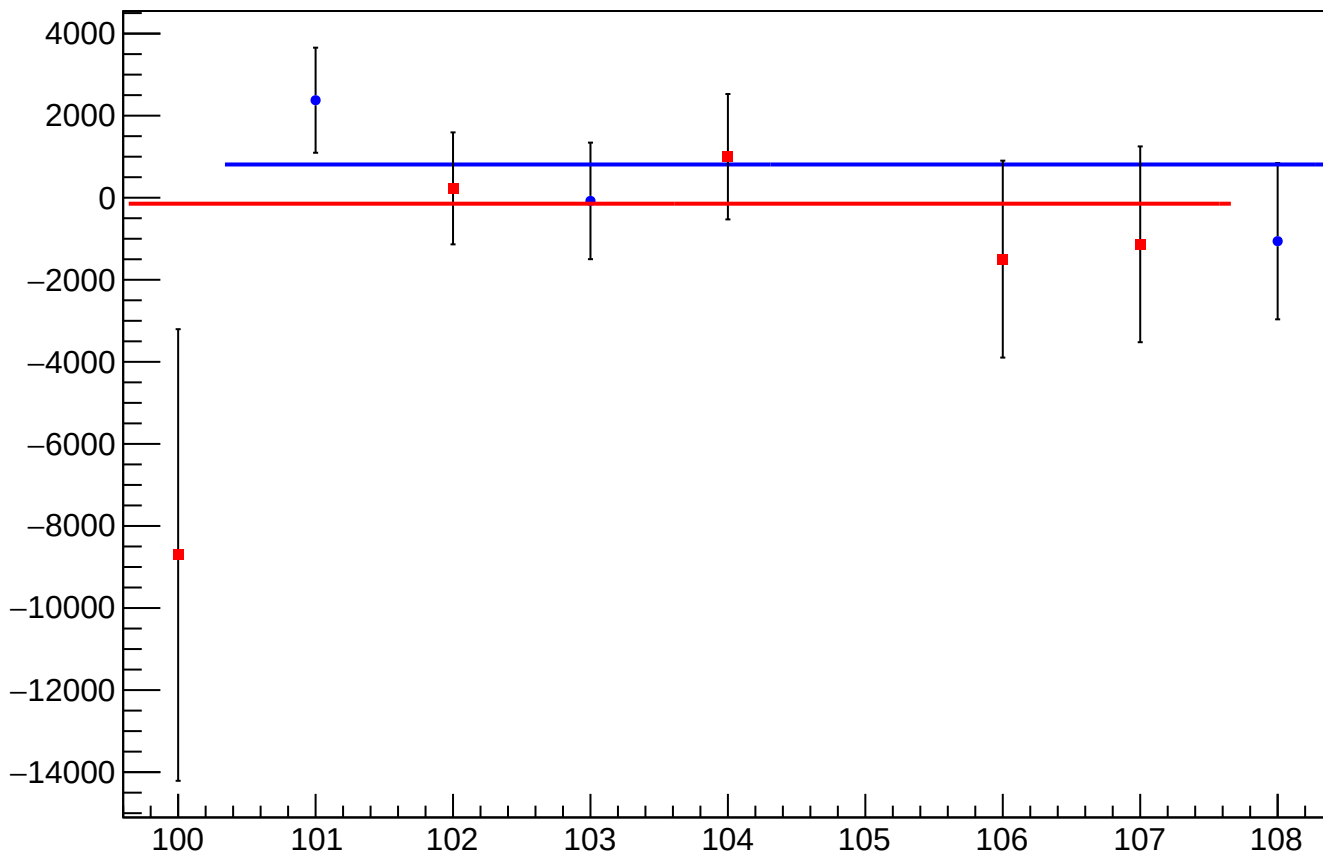
Right: 1119.447+/-0.427 χ^2/NDF : 41898.3/7

In: 1090.330+/-0.601 χ^2/NDF : 13858.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1119.447+/-0.427 χ^2/NDF : 41898.3/7

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 810.138 $\pm$ 850.932 χ^2 /NDF: 2.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -145.728 $\pm$ 861.415 χ^2 /NDF: 3.5/4

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

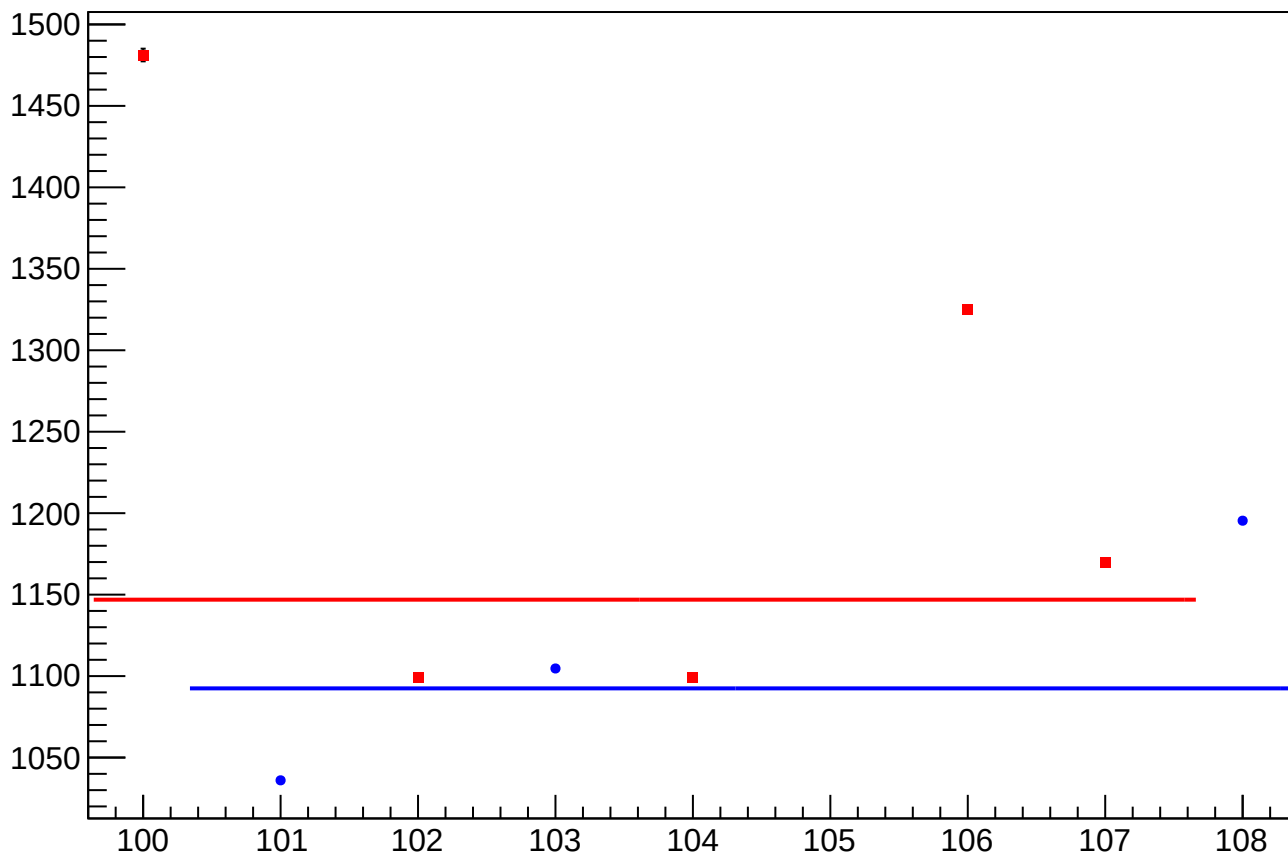
Right: 338.057 $\pm$ 605.372 χ^2 /NDF: 7.0/7

In: 810.138 $\pm$ 850.932 χ^2 /NDF:2.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 338.057 $\pm$ 605.372 χ^2 /NDF: 7.0/7

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 1092.465+/-0.602 χ^2/NDF : 9870.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1146.911+/-0.609 χ^2/NDF : 23013.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

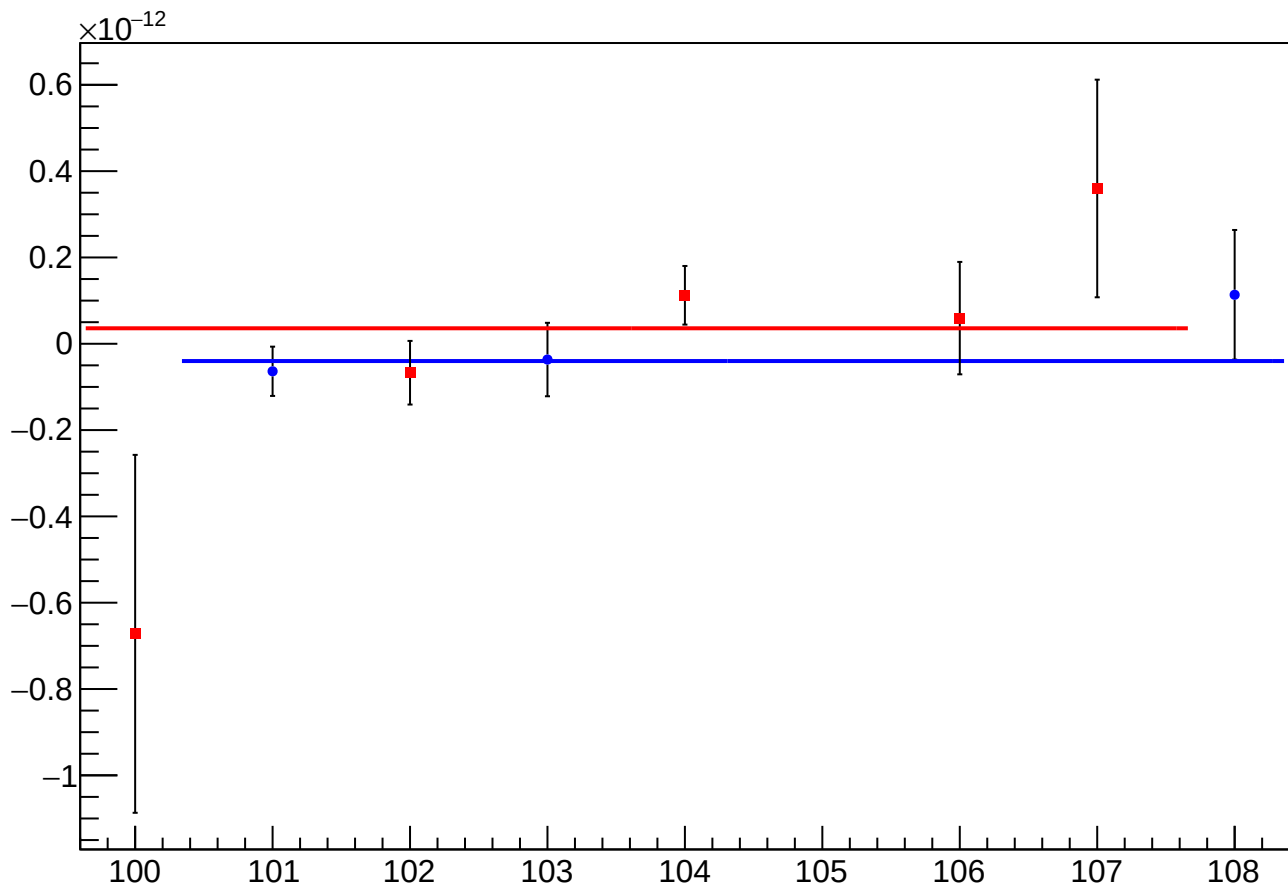
Right: 1119.355+/-0.428 χ^2/NDF : 36927.3/7

In: 1092.465+/-0.602 χ^2/NDF : 9870.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1119.355+/-0.428 χ^2/NDF : 36927.3/7

asym_sam_1526_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

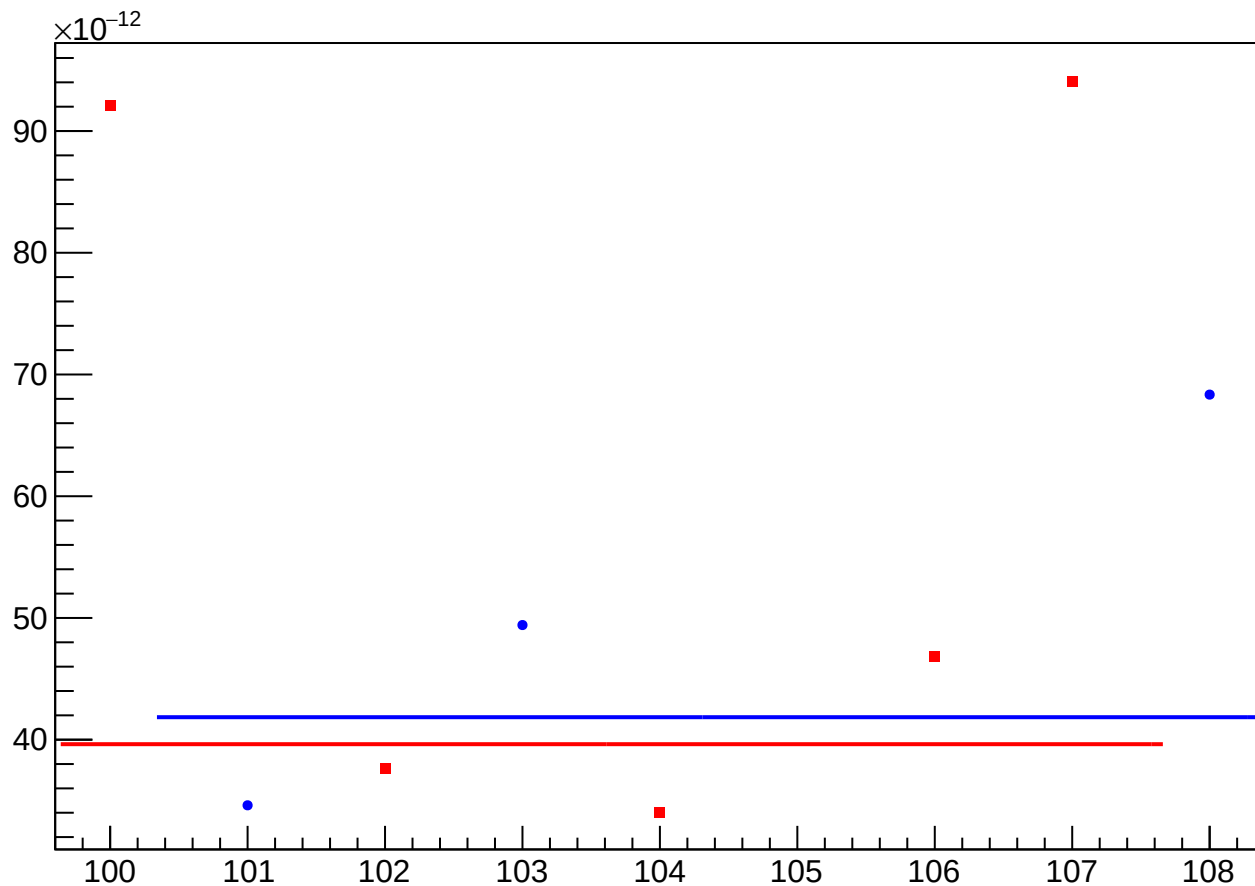
Right: -0.000+/-0.000 χ^2/NDF : 10.4/7

In: -0.000+/-0.000 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.4/7

asym_sam_1526_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 110231.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 146282.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

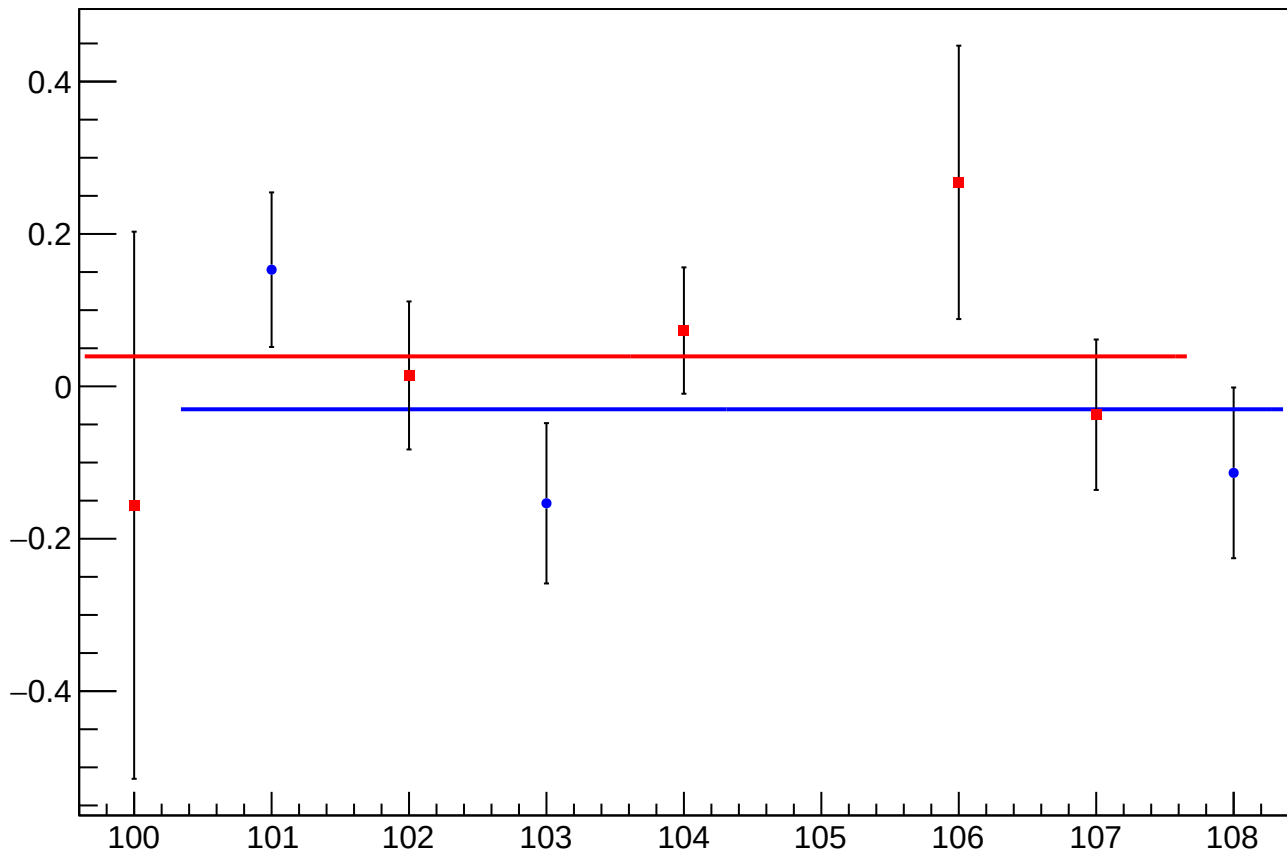
Right: 0.000+/-0.000 χ^2/NDF : 258897.9/7

In: 0.000+/-0.000 χ^2/NDF : 110231.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 258897.9/7

asym_sam_1526_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030+/-0.061 χ^2/NDF : 5.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.039+/-0.050 χ^2/NDF : 2.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

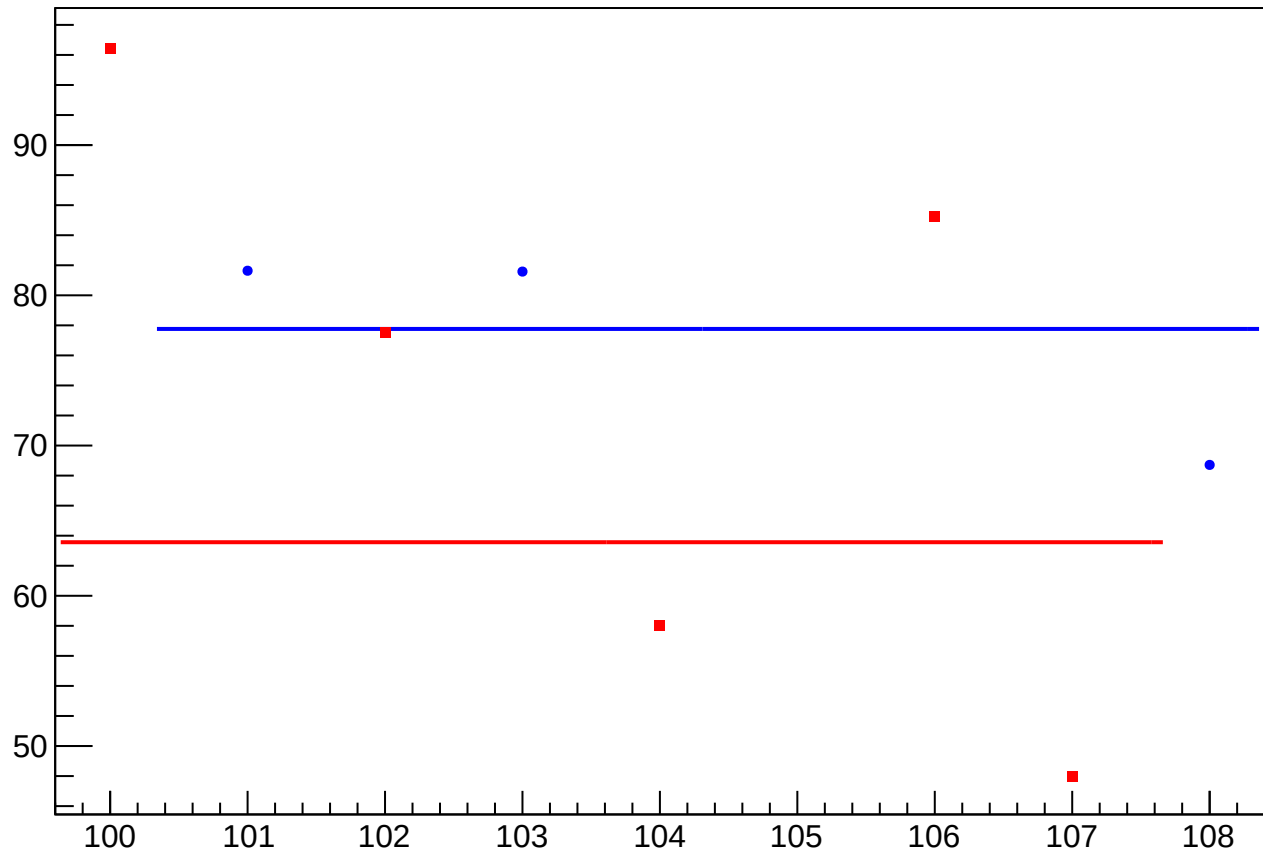
Right: 0.011+/-0.039 χ^2/NDF : 8.7/7

In: -0.030+/-0.061 χ^2/NDF : 5.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.039 χ^2/NDF : 8.7/7

asym_sam_1526_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 77.762 $\pm$ 0.043 χ^2 /NDF: 18607.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 63.566 $\pm$ 0.036 χ^2 /NDF: 146410.5/4

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

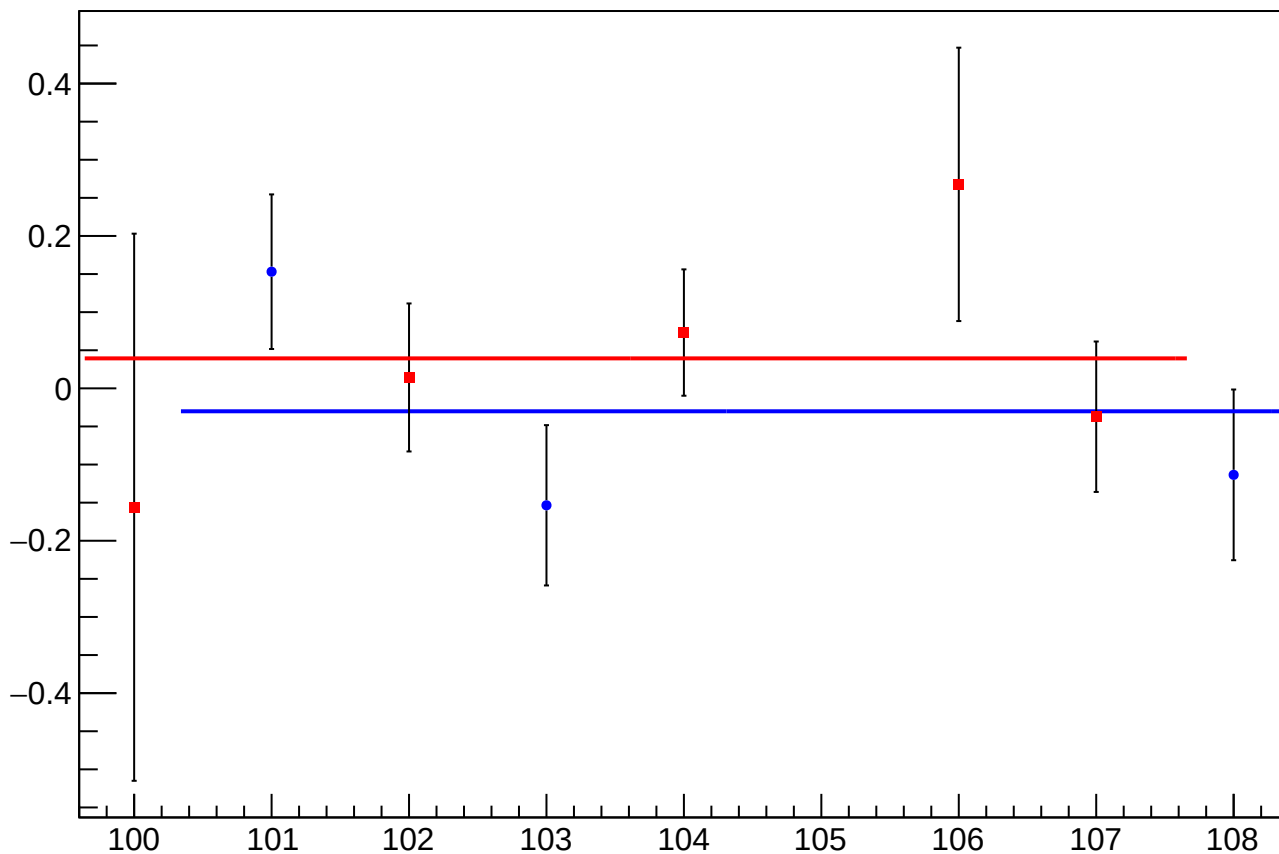
Right: 69.312 $\pm$ 0.028 χ^2 /NDF: 229137.2/7

In: 77.762 $\pm$ 0.043 χ^2 /NDF:18607.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 69.312 $\pm$ 0.028 χ^2 /NDF: 229137.2/7

asym_sam_1526_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030 $\pm$ 0.061 χ^2 /NDF: 5.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.039 $\pm$ 0.050 χ^2 /NDF: 2.8/4

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

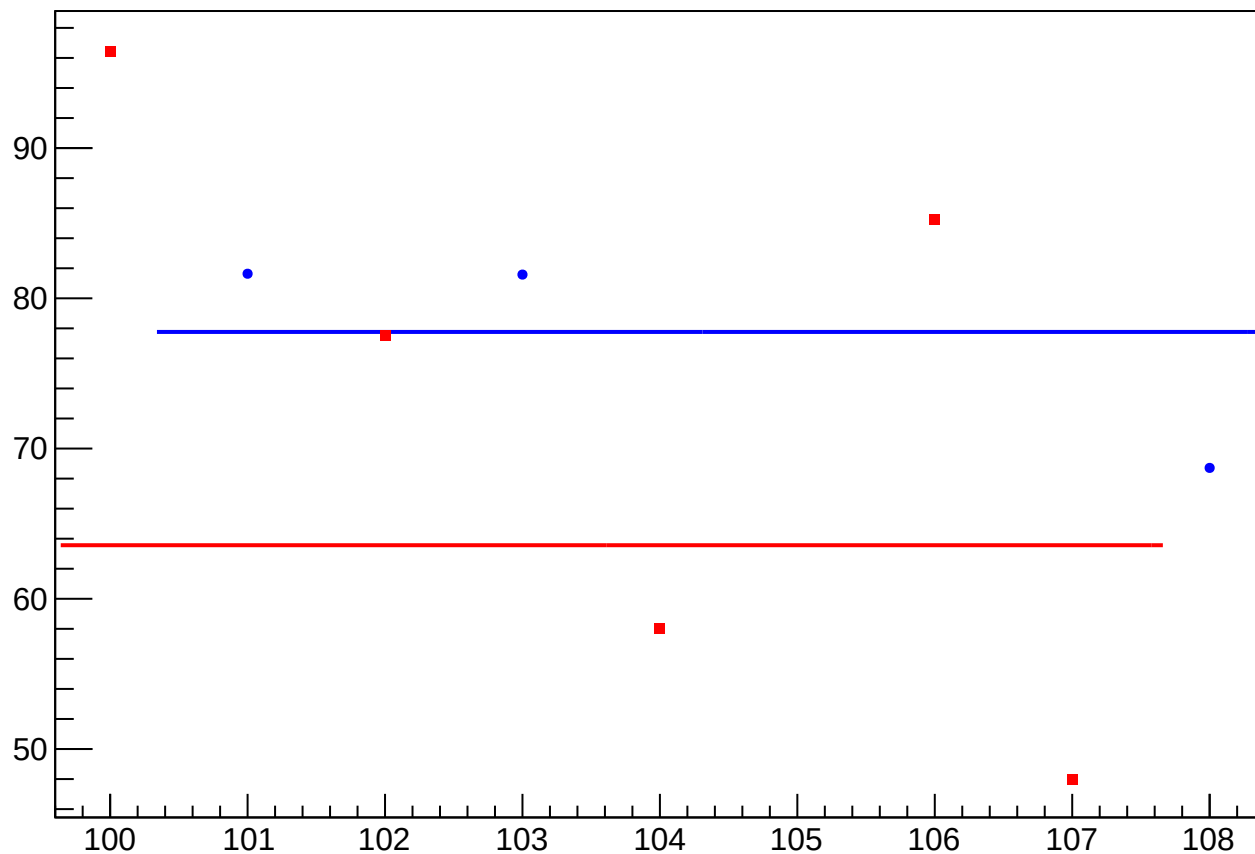
Right: 0.011 $\pm$ 0.039 χ^2 /NDF: 8.7/7

In: -0.030 $\pm$ 0.061 χ^2 /NDF:5.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.039 χ^2 /NDF: 8.7/7

asym_sam_1526_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 77.762 ± 0.043 $\chi^2/\text{NDF}: 18607.1/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 63.566 ± 0.036 $\chi^2/\text{NDF}: 146410.5/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

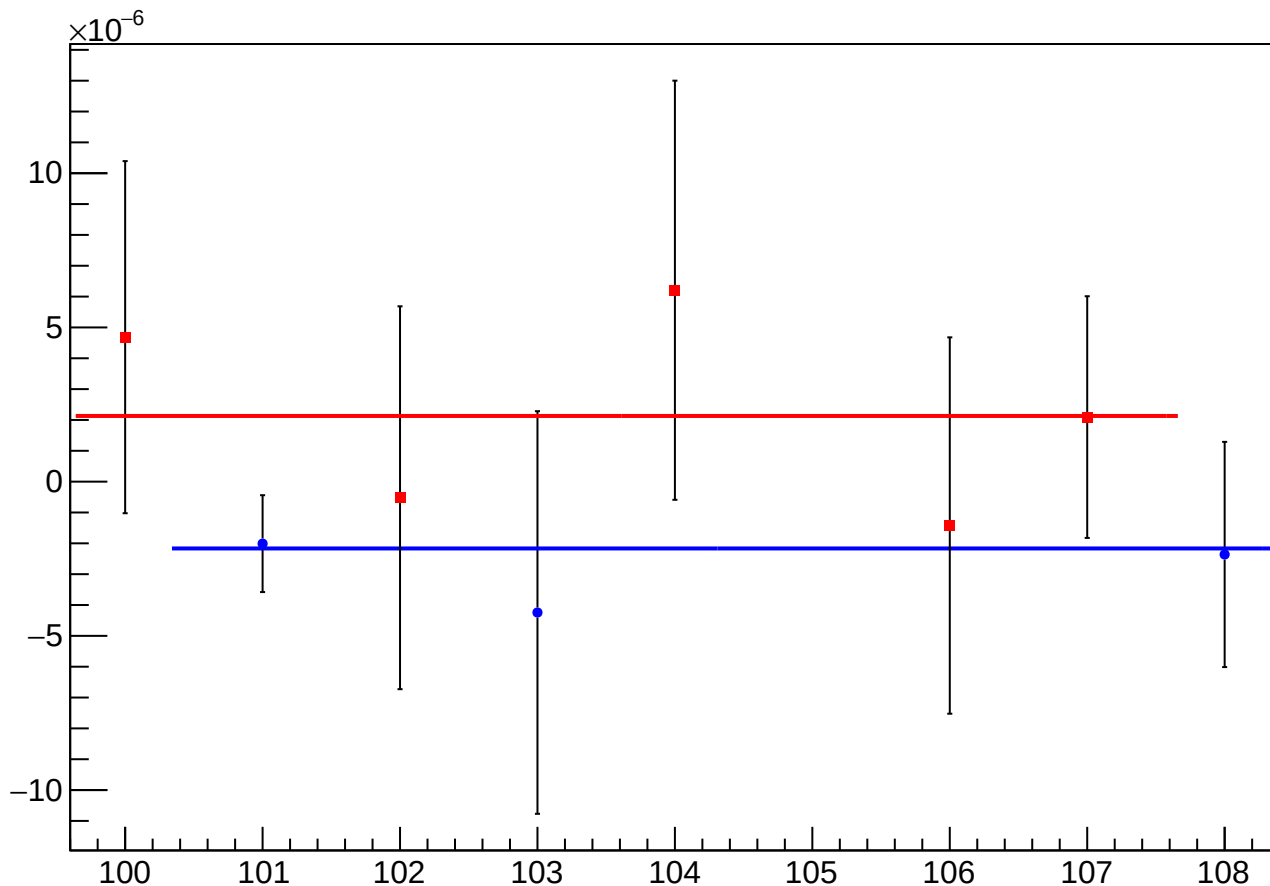
Right: 69.312 ± 0.028 $\chi^2/\text{NDF}: 229137.2/7$

In: 77.762 ± 0.043 $\chi^2/\text{NDF}: 18607.1/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 69.312 ± 0.028 $\chi^2/\text{NDF}: 229137.2/7$

asym_sam_1526_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

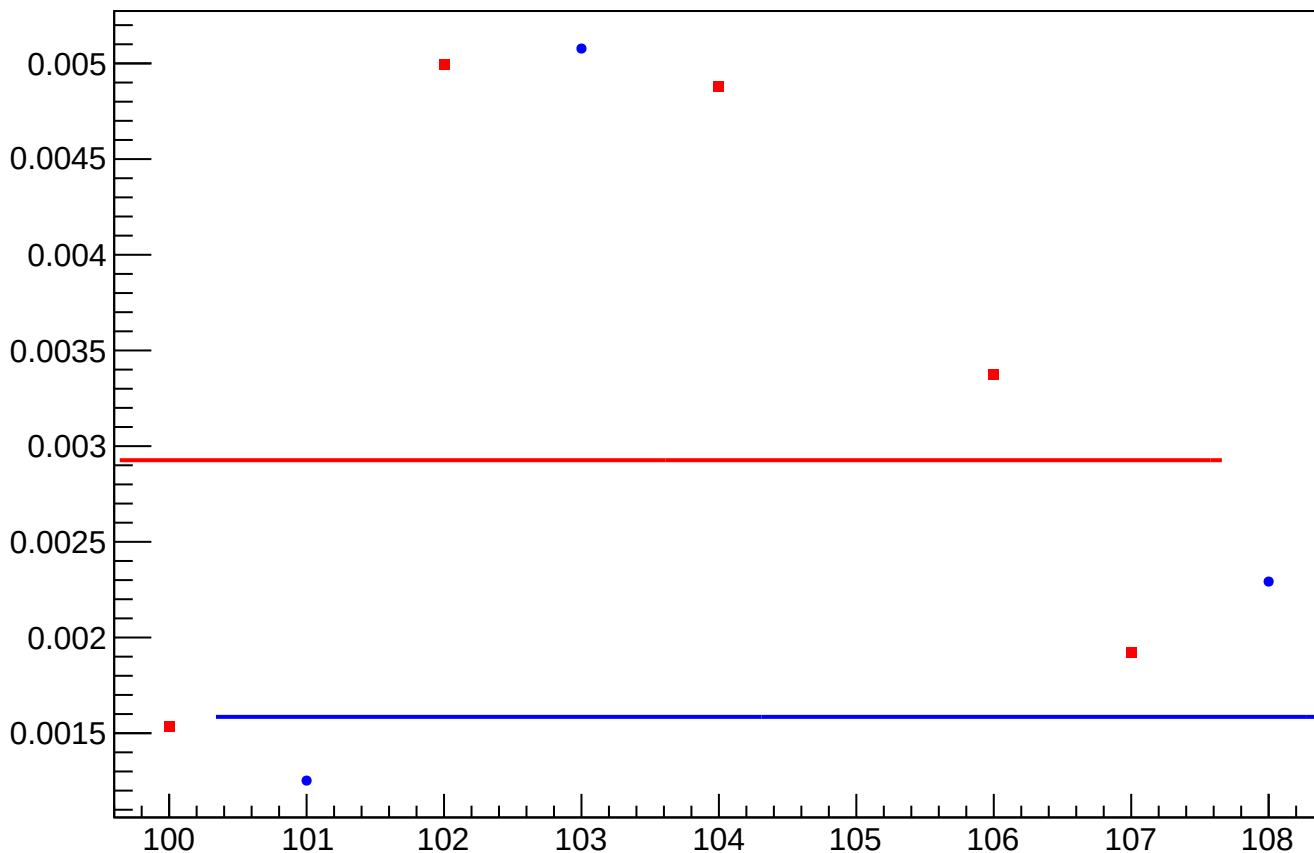
Right: -0.000+/-0.000 χ^2/NDF : 3.5/7

In: -0.000+/-0.000 χ^2/NDF : 0.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.5/7

asym_sam_1526_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 737501.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 648554.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

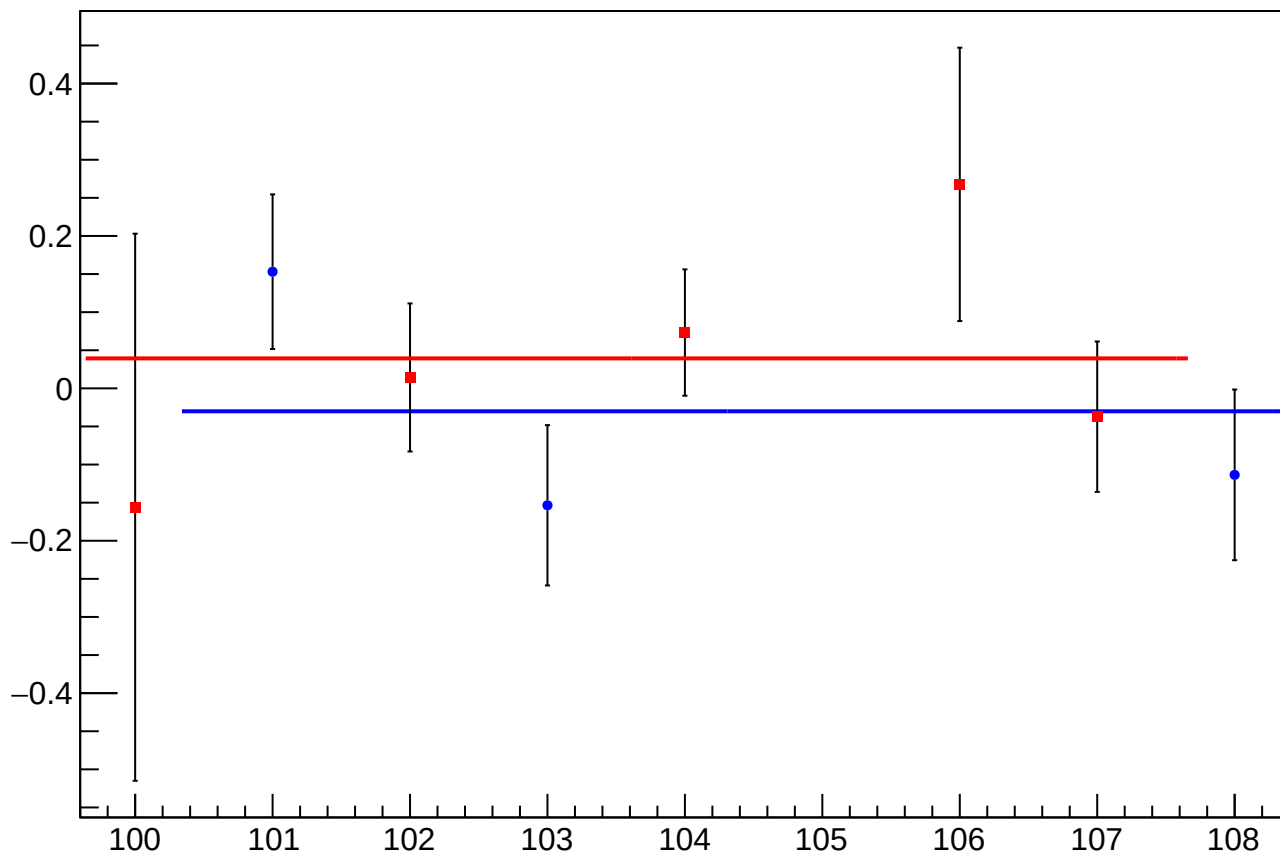
Right: 0.002+/-0.000 χ^2/NDF : 1844019.7/7

In: 0.002+/-0.000 χ^2/NDF : 737501.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1844019.7/7

asym_sam_1526_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030+/-0.061 χ^2/NDF : 5.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.039+/-0.050 χ^2/NDF : 2.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

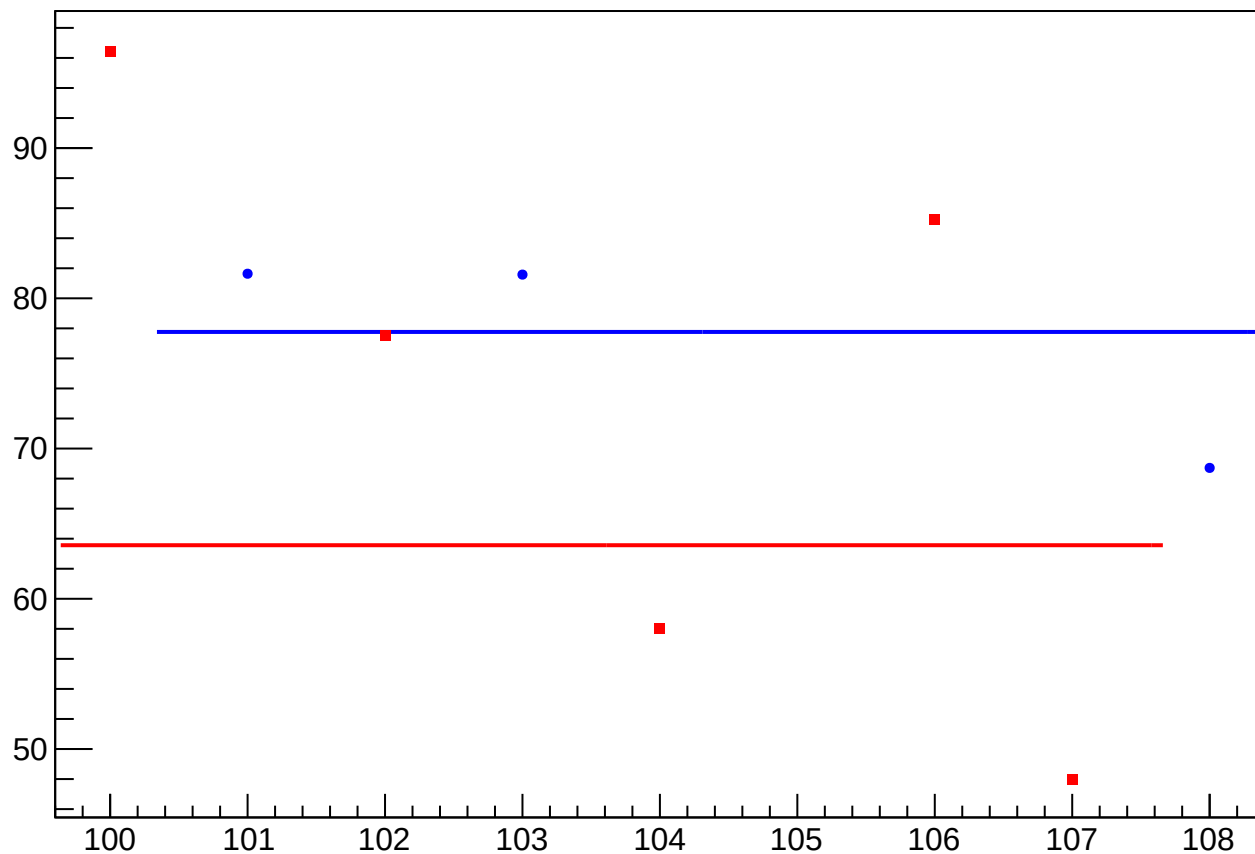
Right: 0.011+/-0.039 χ^2/NDF : 8.7/7

In: -0.030+/-0.061 χ^2/NDF : 5.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.039 χ^2/NDF : 8.7/7

asym_sam_1526_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 77.762+/-0.043 χ^2/NDF : 18605.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.565+/-0.036 χ^2/NDF : 146406.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

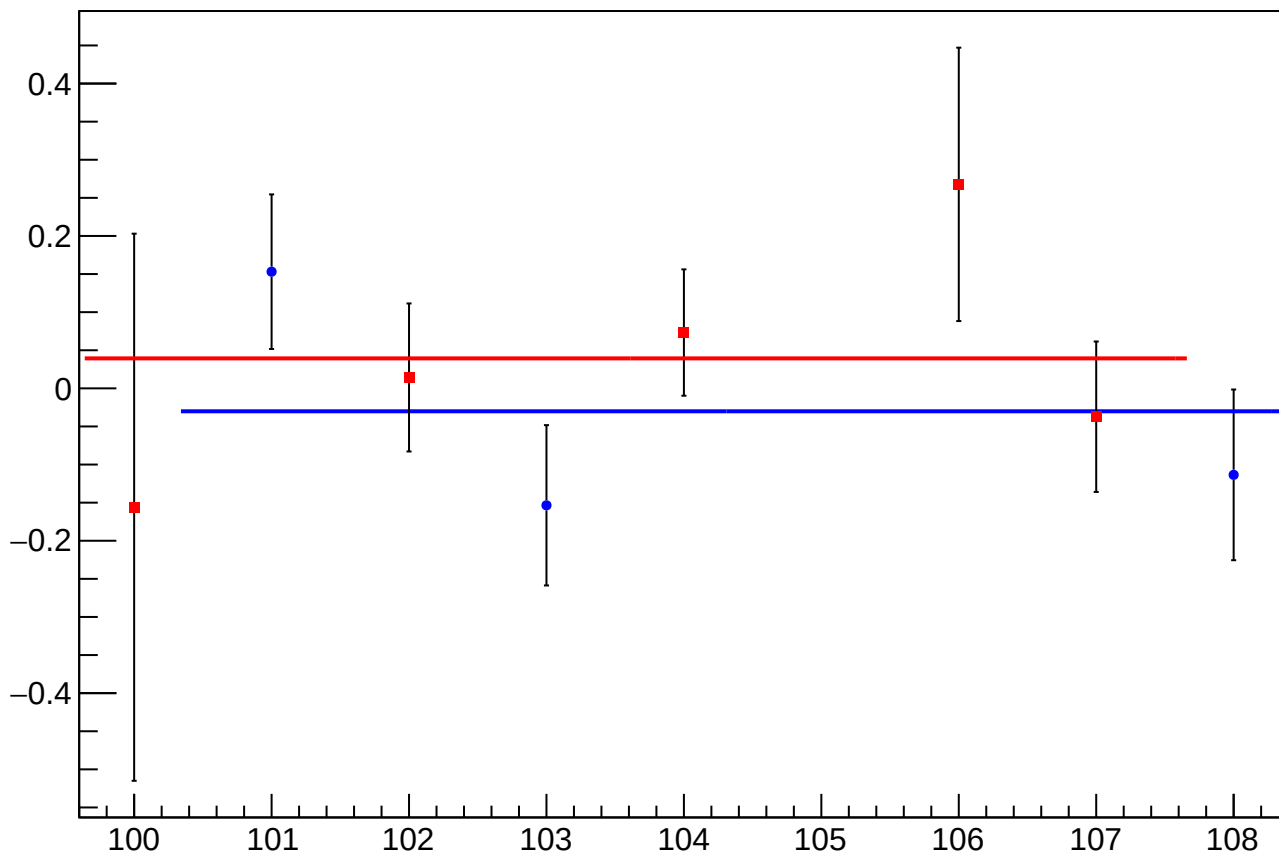
Right: 69.312+/-0.028 χ^2/NDF : 229132.3/7

In: 77.762+/-0.043 χ^2/NDF : 18605.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.312+/-0.028 χ^2/NDF : 229132.3/7

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030 $\pm$ 0.061 χ^2 /NDF: 5.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.039 $\pm$ 0.050 χ^2 /NDF: 2.8/4

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

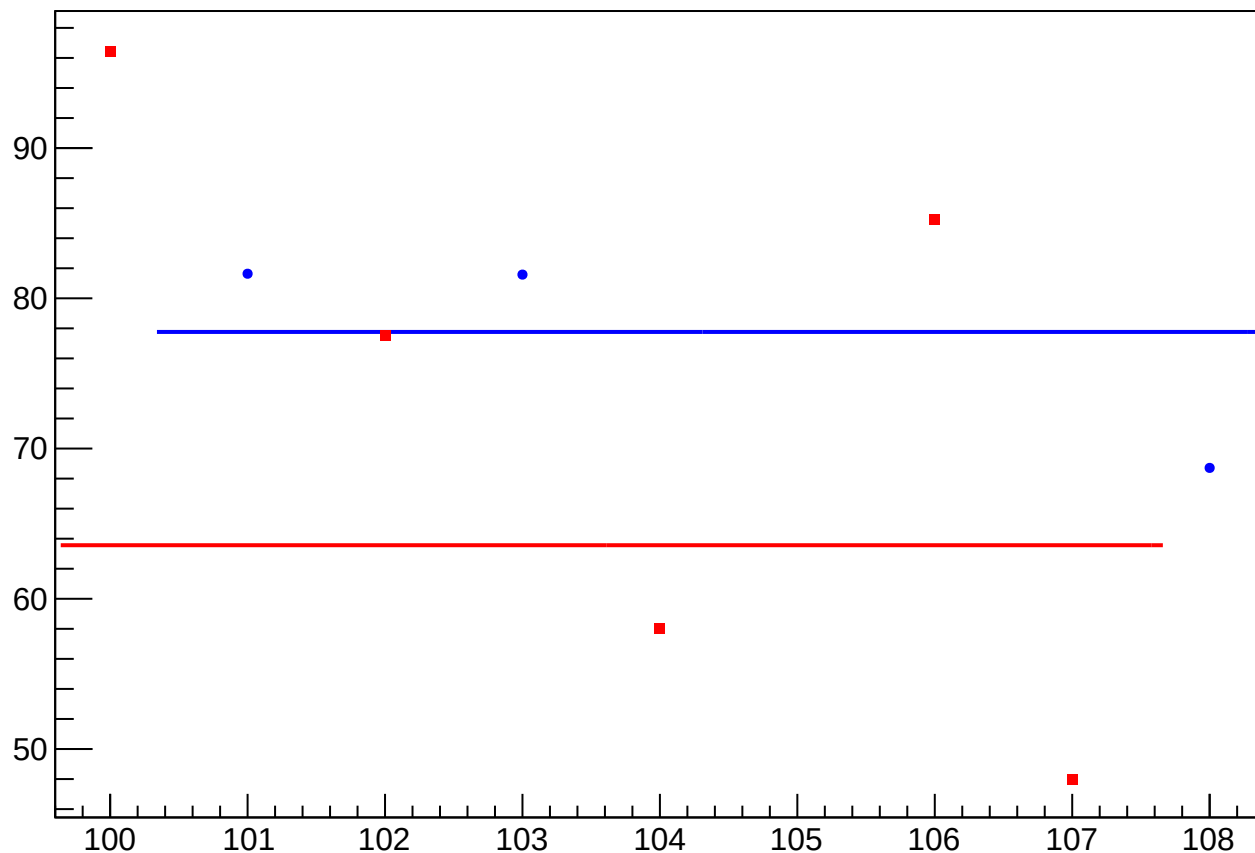
Right: 0.011 $\pm$ 0.039 χ^2 /NDF: 8.7/7

In: -0.030 $\pm$ 0.061 χ^2 /NDF:5.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.039 χ^2 /NDF: 8.7/7

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 77.762 ± 0.043 $\chi^2/\text{NDF}: 18605.4/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 63.565 ± 0.036 $\chi^2/\text{NDF}: 146406.1/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

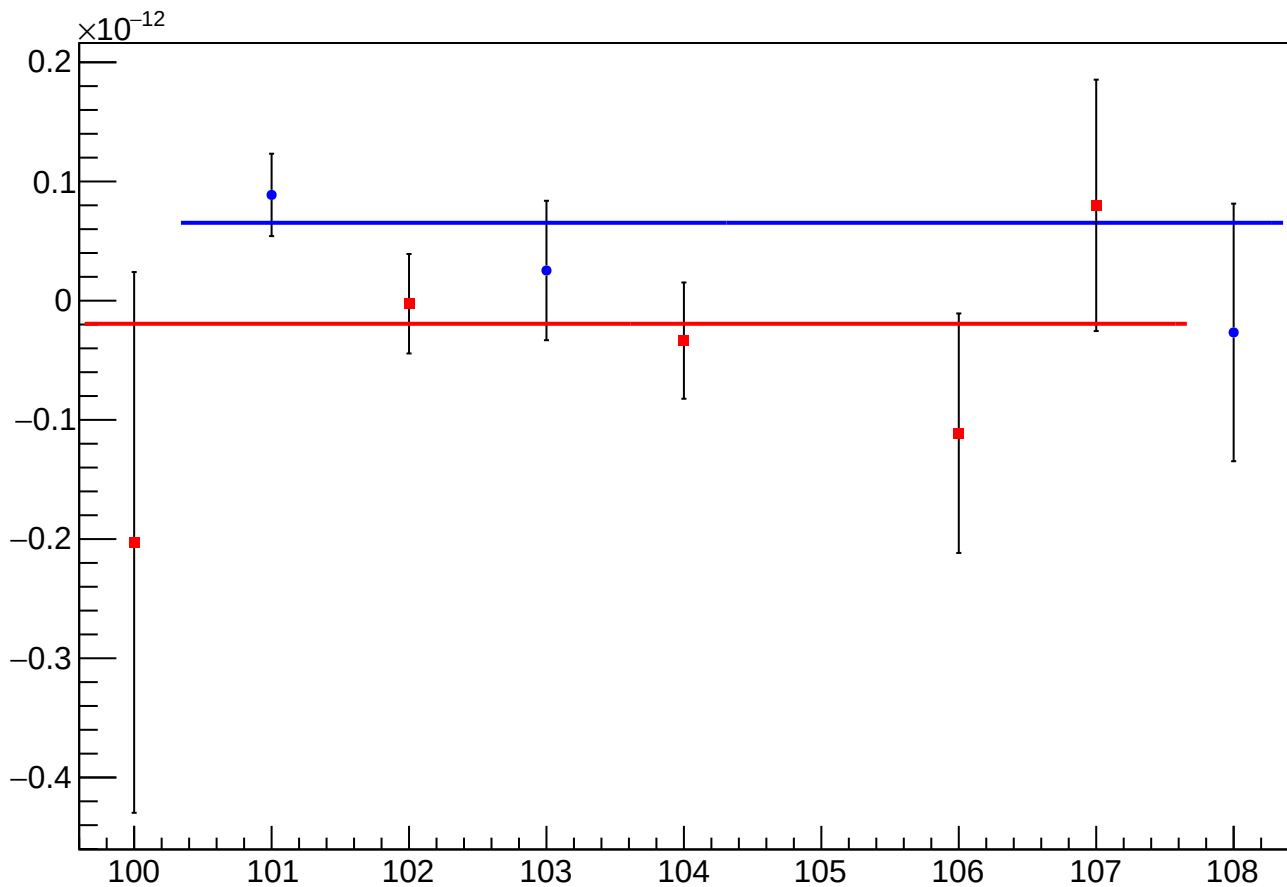
Right: 69.312 ± 0.028 $\chi^2/\text{NDF}: 229132.3/7$

In: 77.762 ± 0.043 $\chi^2/\text{NDF}: 18605.4/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 69.312 ± 0.028 $\chi^2/\text{NDF}: 229132.3/7$

asym_sam_1526_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

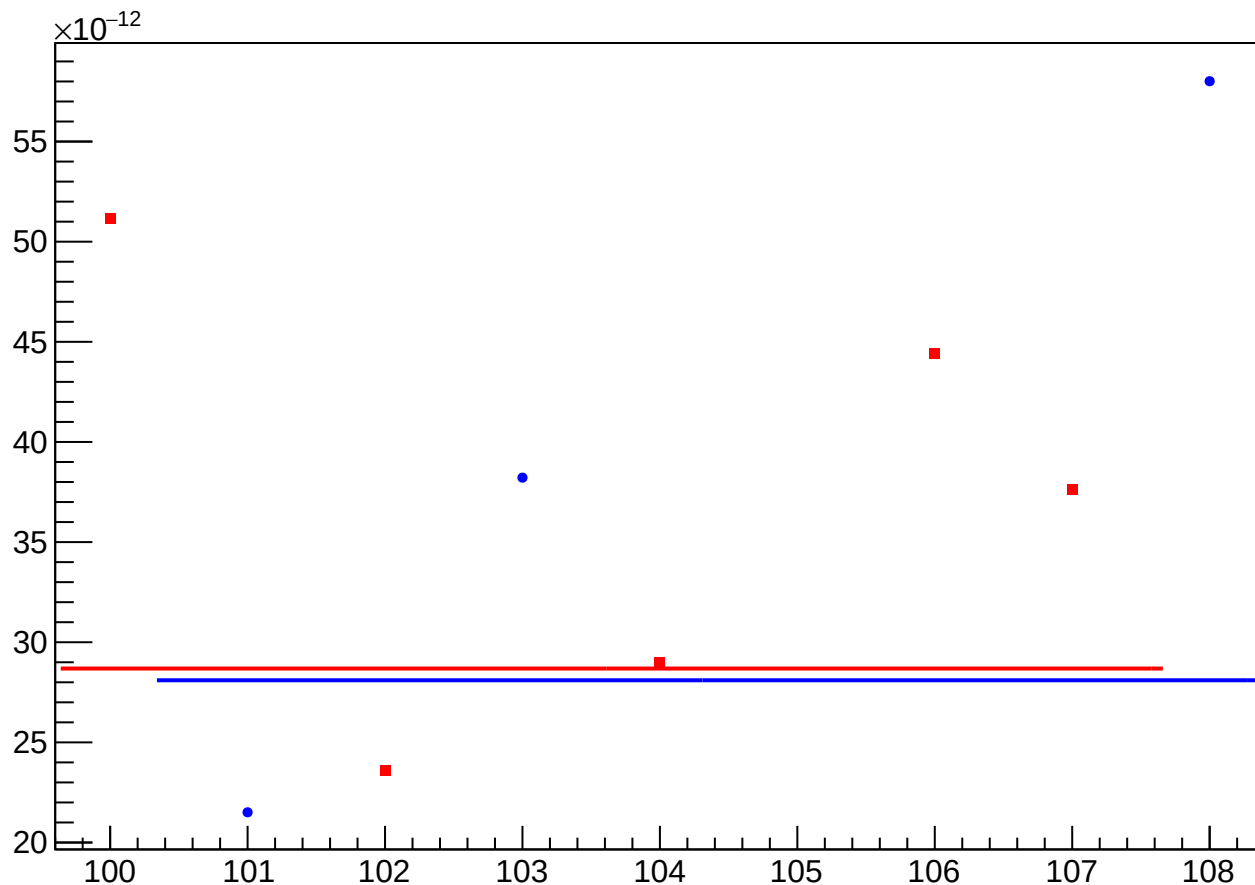
Right: 0.000+/-0.000 χ^2/NDF : 8.6/7

In: 0.000+/-0.000 χ^2/NDF : 1.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.6/7

asym_sam_1526_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 285909.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 113084.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

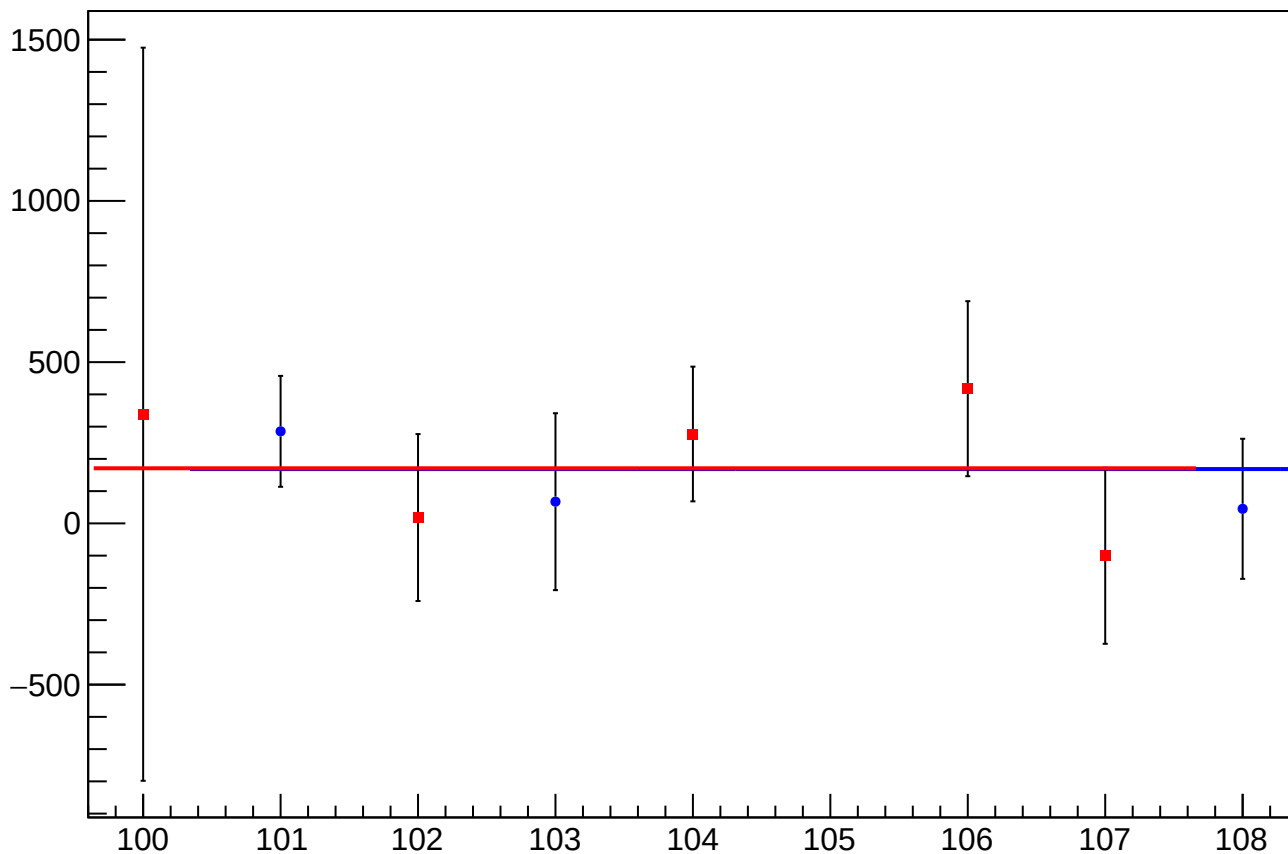
Right: 0.000+/-0.000 χ^2/NDF : 399410.4/7

In: 0.000+/-0.000 χ^2/NDF : 285909.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 399410.4/7

reg_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 168.452+/-120.988 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 170.860+/-123.452 χ^2/NDF : 2.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

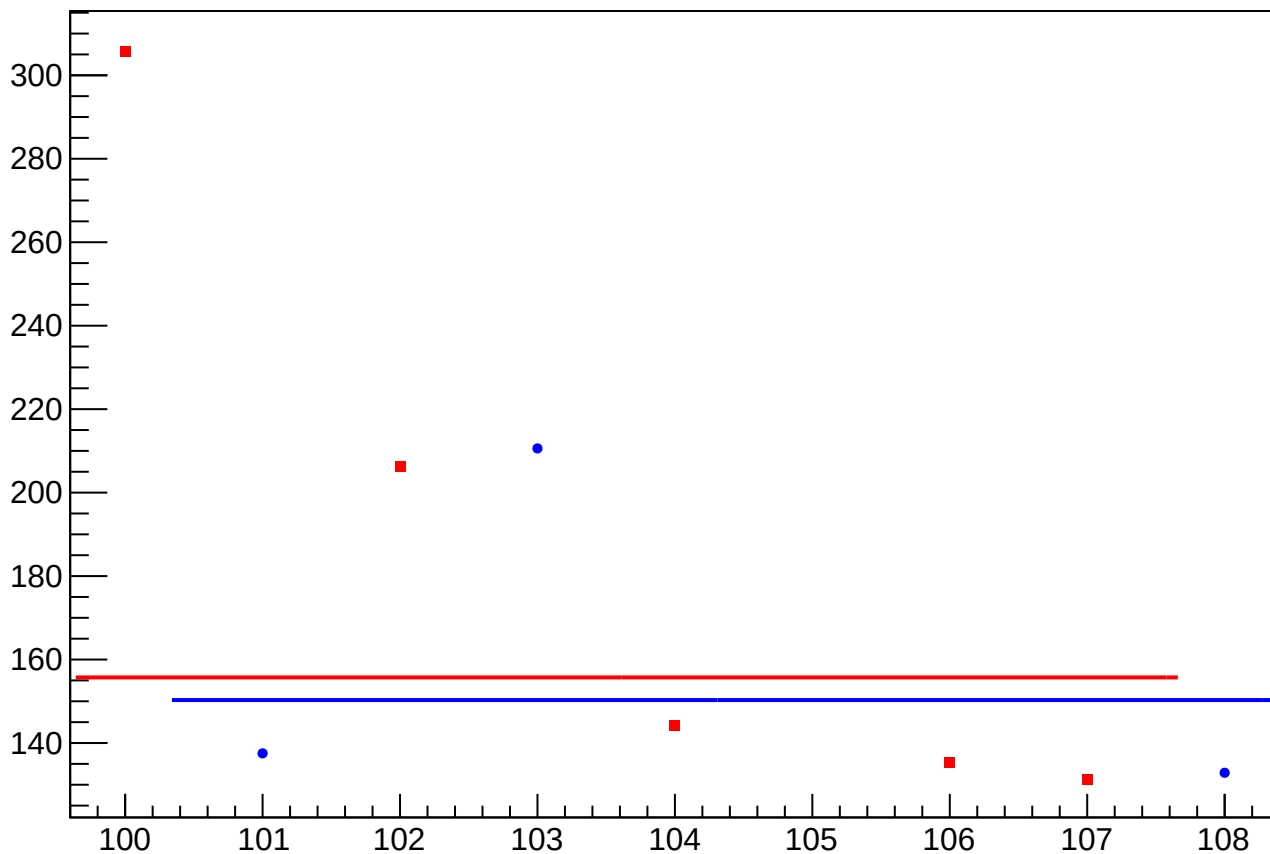
Right: 169.632+/-86.409 χ^2/NDF : 3.4/7

In: 168.452+/-120.988 χ^2/NDF : 0.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.632+/-86.409 χ^2/NDF : 3.4/7

reg_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 150.295+/-0.086 χ^2/NDF : 120534.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.718+/-0.087 χ^2/NDF : 144435.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

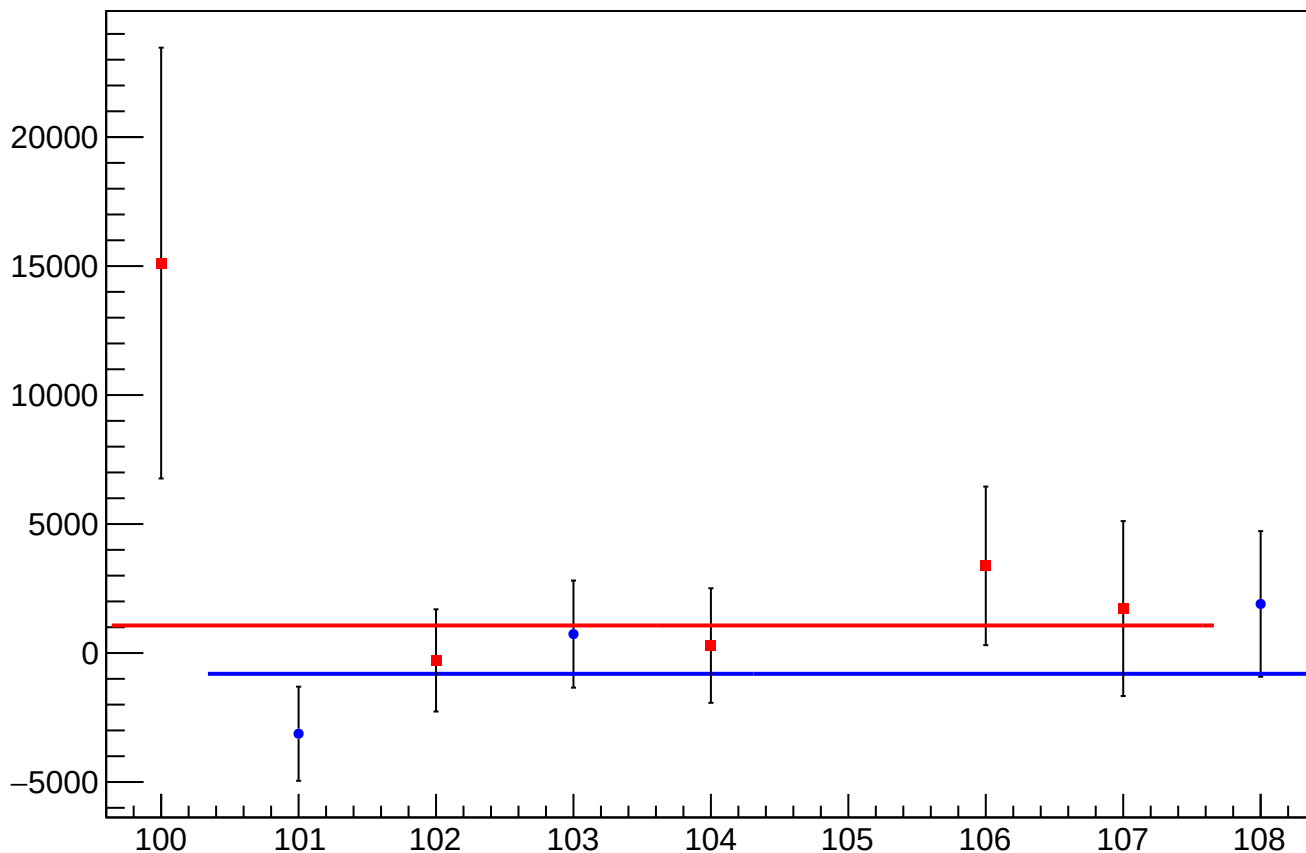
Right: 152.952+/-0.061 χ^2/NDF : 266937.6/7

In: 150.295+/-0.086 χ^2/NDF : 120534.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.952+/-0.061 χ^2/NDF : 266937.6/7

asym_sam_3726_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -805.803+/-1232.828 χ^2/NDF : 3.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1068.573+/-1226.583 χ^2/NDF : 4.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

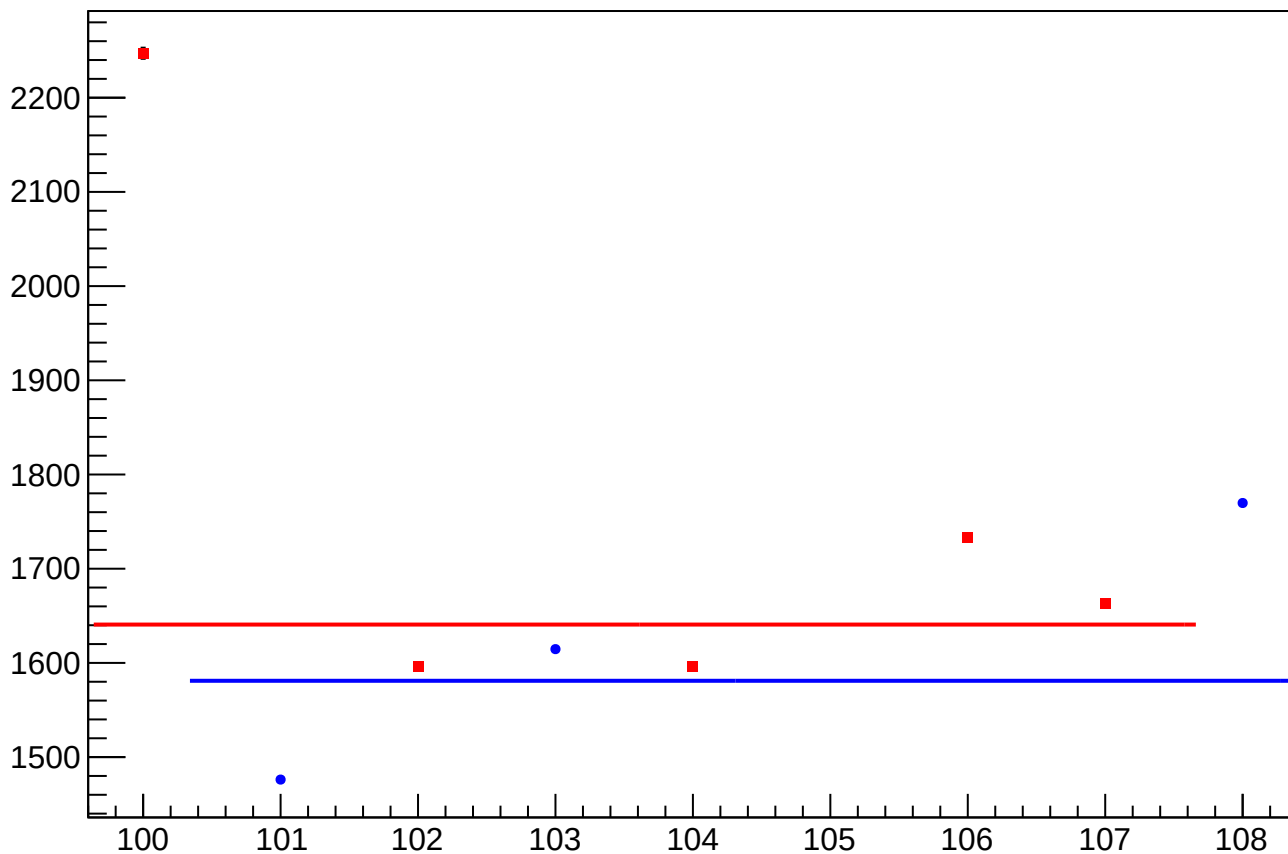
Right: 136.145+/-869.525 χ^2/NDF : 8.3/7

In: -805.803+/-1232.828 χ^2/NDF : 3.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.145+/-869.525 χ^2/NDF : 8.3/7

asym_sam_3726_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1581.021+/-0.872 χ^2/NDF : 16076.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1640.705+/-0.867 χ^2/NDF : 14273.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

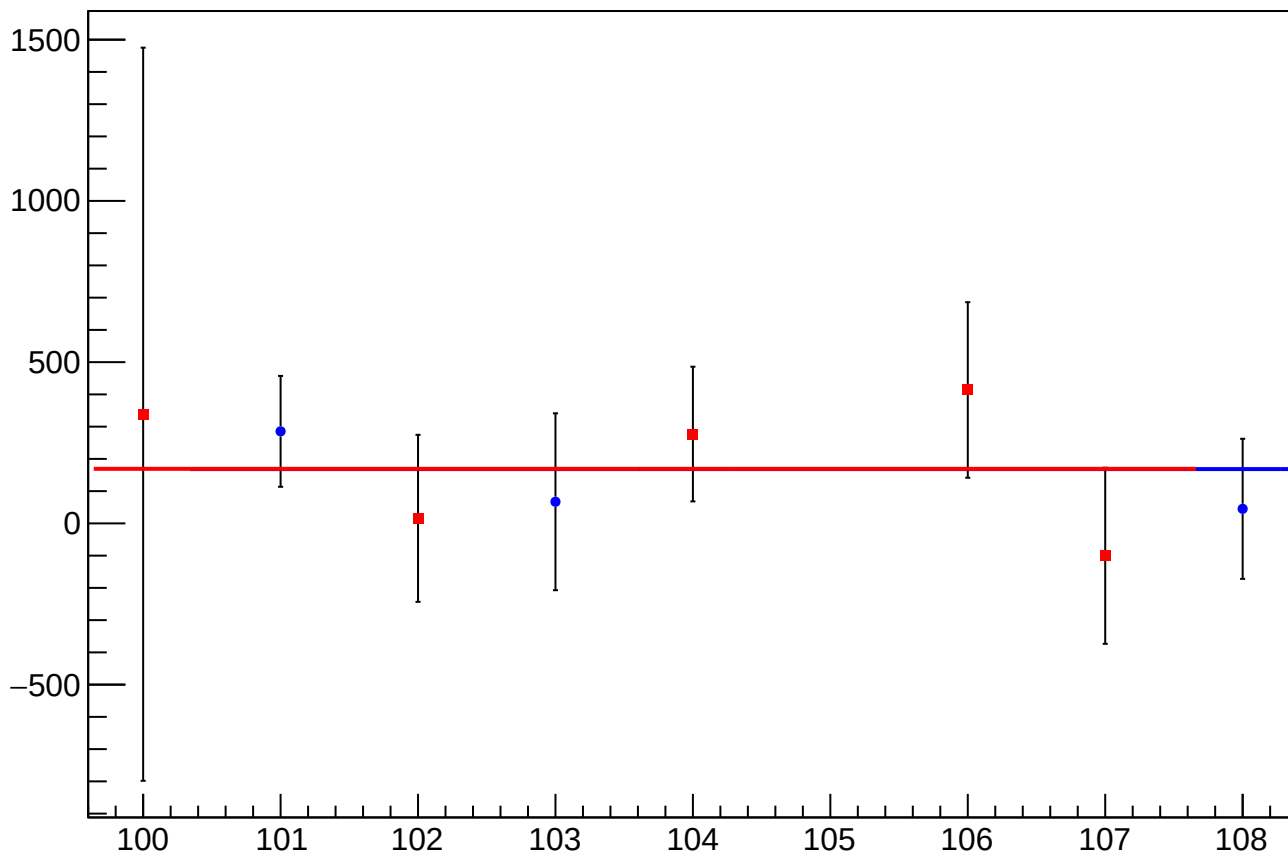
Right: 1611.015+/-0.615 χ^2/NDF : 32705.6/7

In: 1581.021+/-0.872 χ^2/NDF : 16076.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1611.015+/-0.615 χ^2/NDF : 32705.6/7

cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 168.411 $\pm$ 120.988 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 169.173 $\pm$ 123.547 χ^2 /NDF: 2.4/4

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

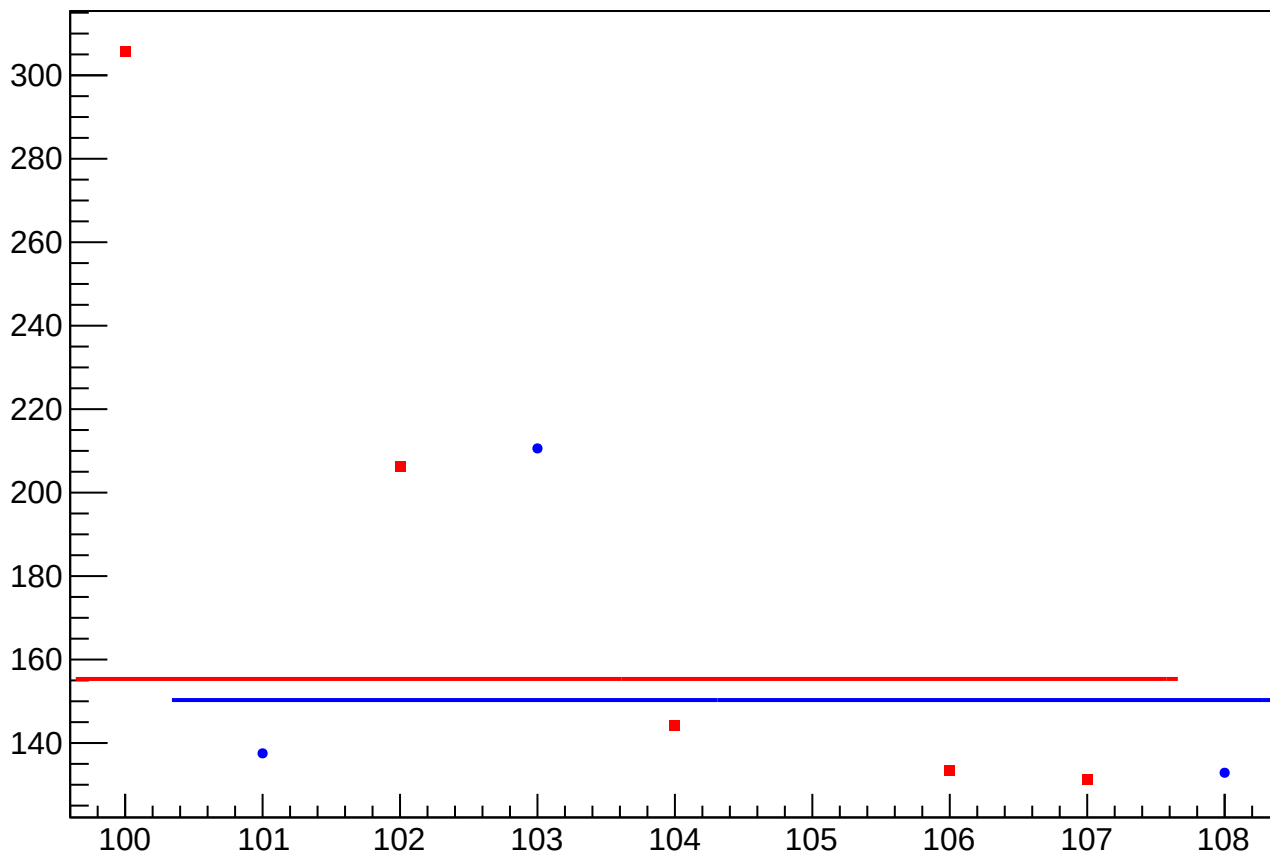
Right: 168.784 $\pm$ 86.442 χ^2 /NDF: 3.3/7

In: 168.411 $\pm$ 120.988 χ^2 /NDF:0.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 168.784 $\pm$ 86.442 χ^2 /NDF: 3.3/7

cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 150.295+/-0.086 χ^2/NDF : 120536.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.353+/-0.087 χ^2/NDF : 146863.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

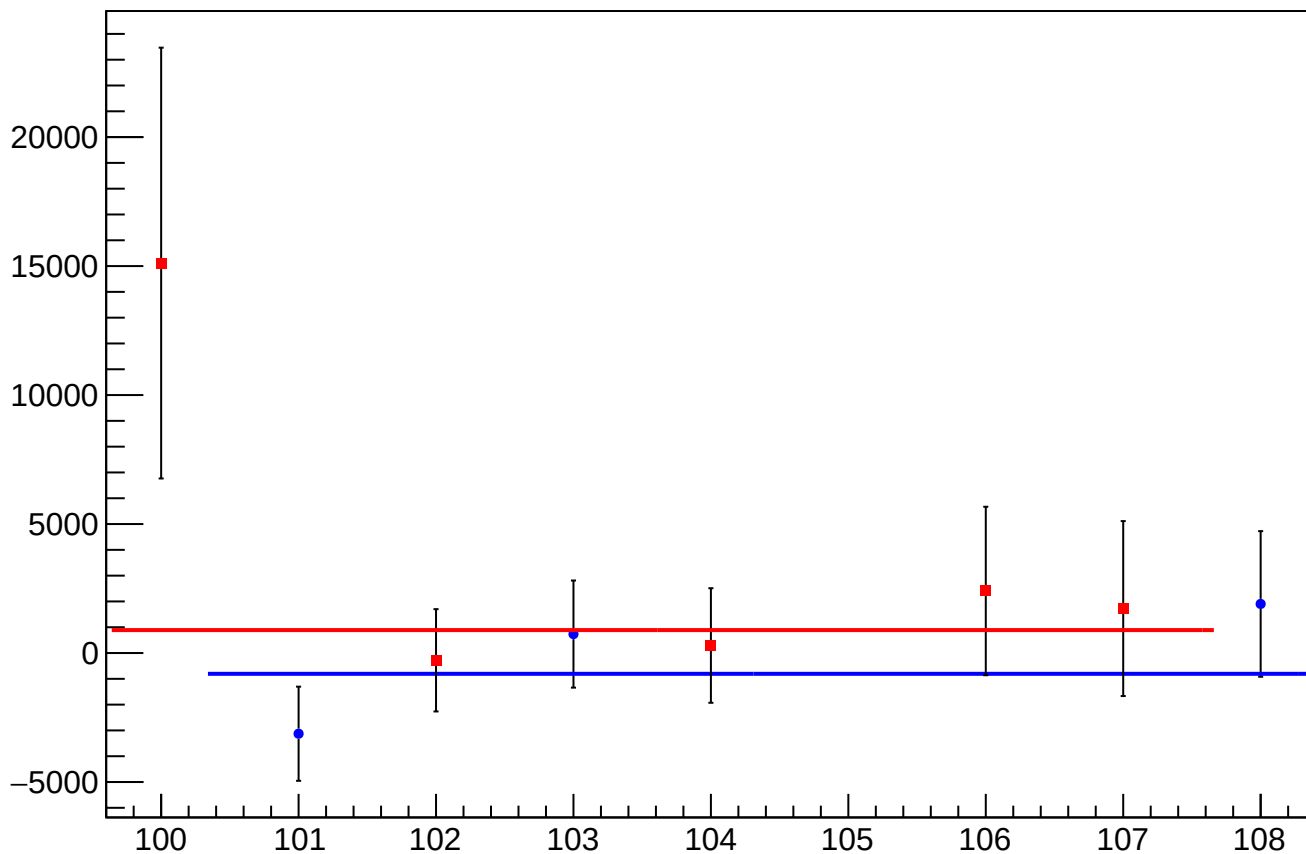
Right: 152.771+/-0.061 χ^2/NDF : 269110.6/7

In: 150.295+/-0.086 χ^2/NDF : 120536.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.771+/-0.061 χ^2/NDF : 269110.6/7

asym_sam_3726_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -805.546+/-1232.859 χ^2/NDF : 3.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 888.984+/-1238.205 χ^2/NDF : 3.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

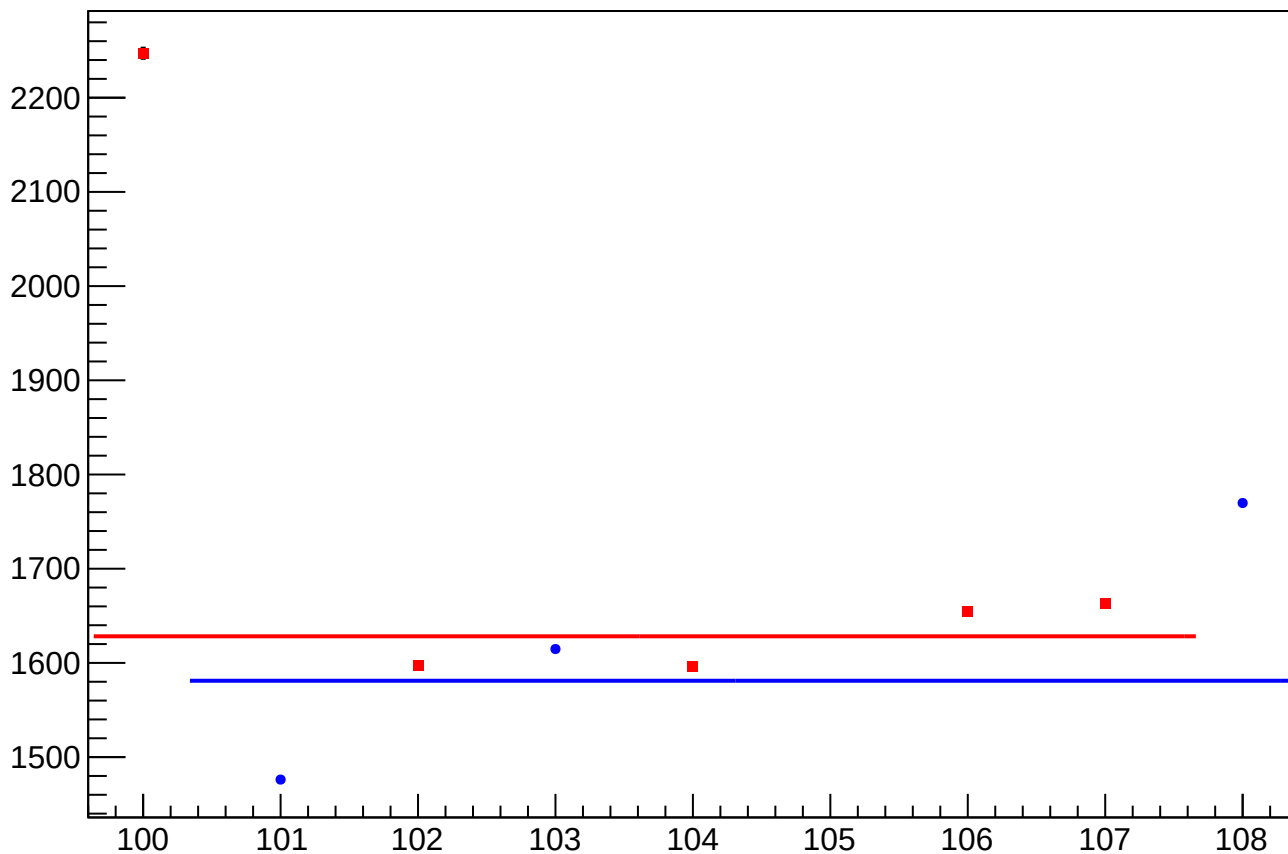
Right: 38.054+/-873.647 χ^2/NDF : 7.6/7

In: -805.546+/-1232.859 χ^2/NDF : 3.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.054+/-873.647 χ^2/NDF : 7.6/7

asym_sam_3726_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1581.059+/-0.872 χ^2/NDF : 16079.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1628.246+/-0.876 χ^2/NDF : 12244.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

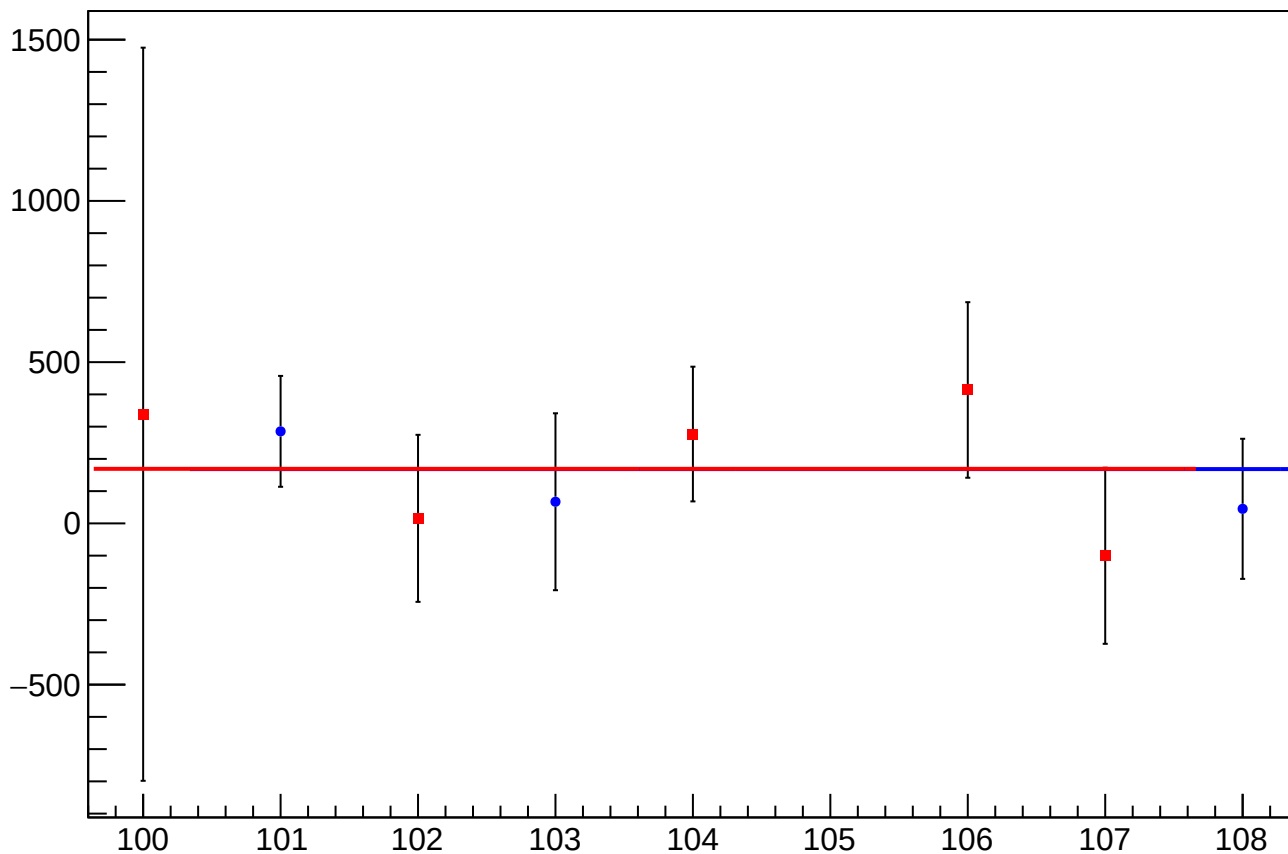
Right: 1604.551+/-0.618 χ^2/NDF : 29782.7/7

In: 1581.059+/-0.872 χ^2/NDF : 16079.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1604.551+/-0.618 χ^2/NDF : 29782.7/7

eigen_cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 168.411+/-120.988 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.173+/-123.547 χ^2/NDF : 2.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

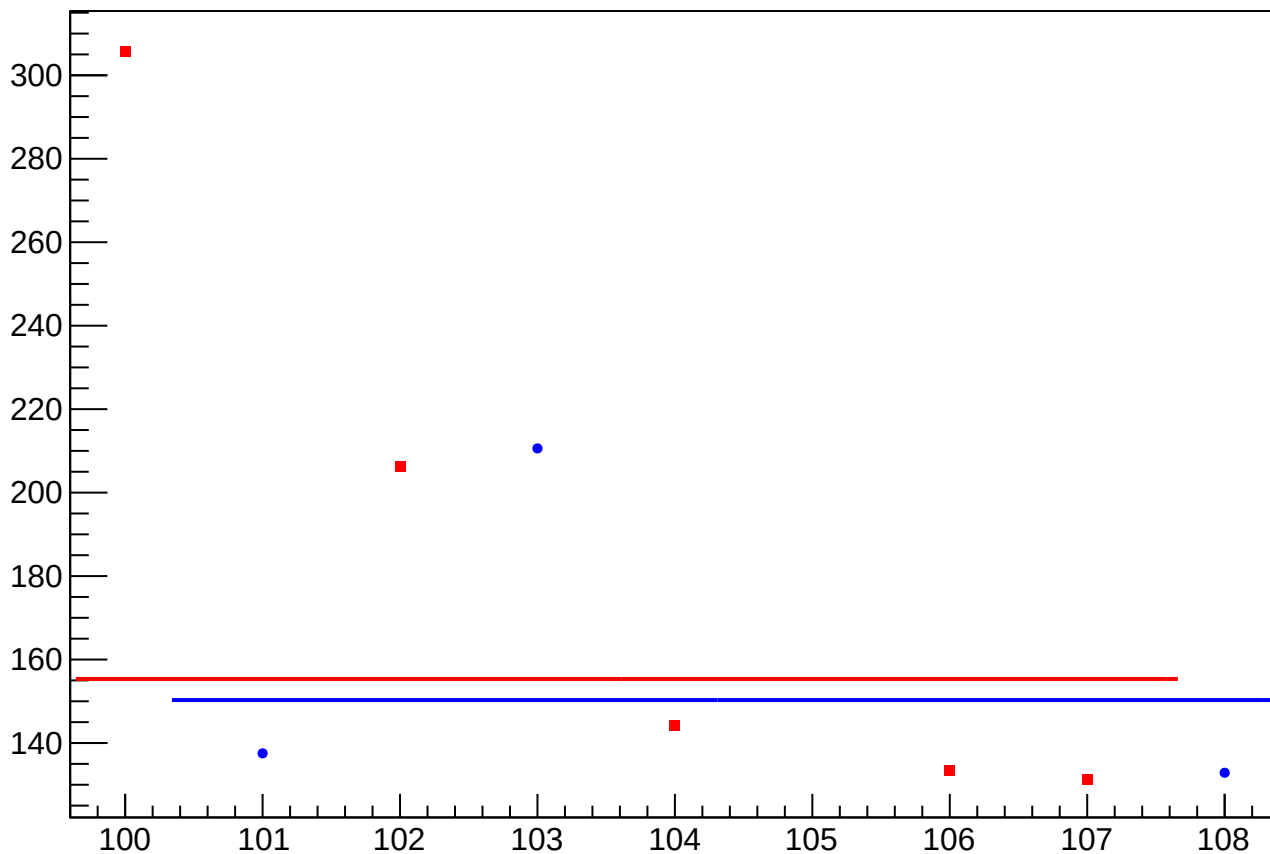
Right: 168.784+/-86.442 χ^2/NDF : 3.3/7

In: 168.411+/-120.988 χ^2/NDF : 0.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.784+/-86.442 χ^2/NDF : 3.3/7

eigen_cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 150.295+/-0.086 χ^2/NDF : 120536.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.353+/-0.087 χ^2/NDF : 146863.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

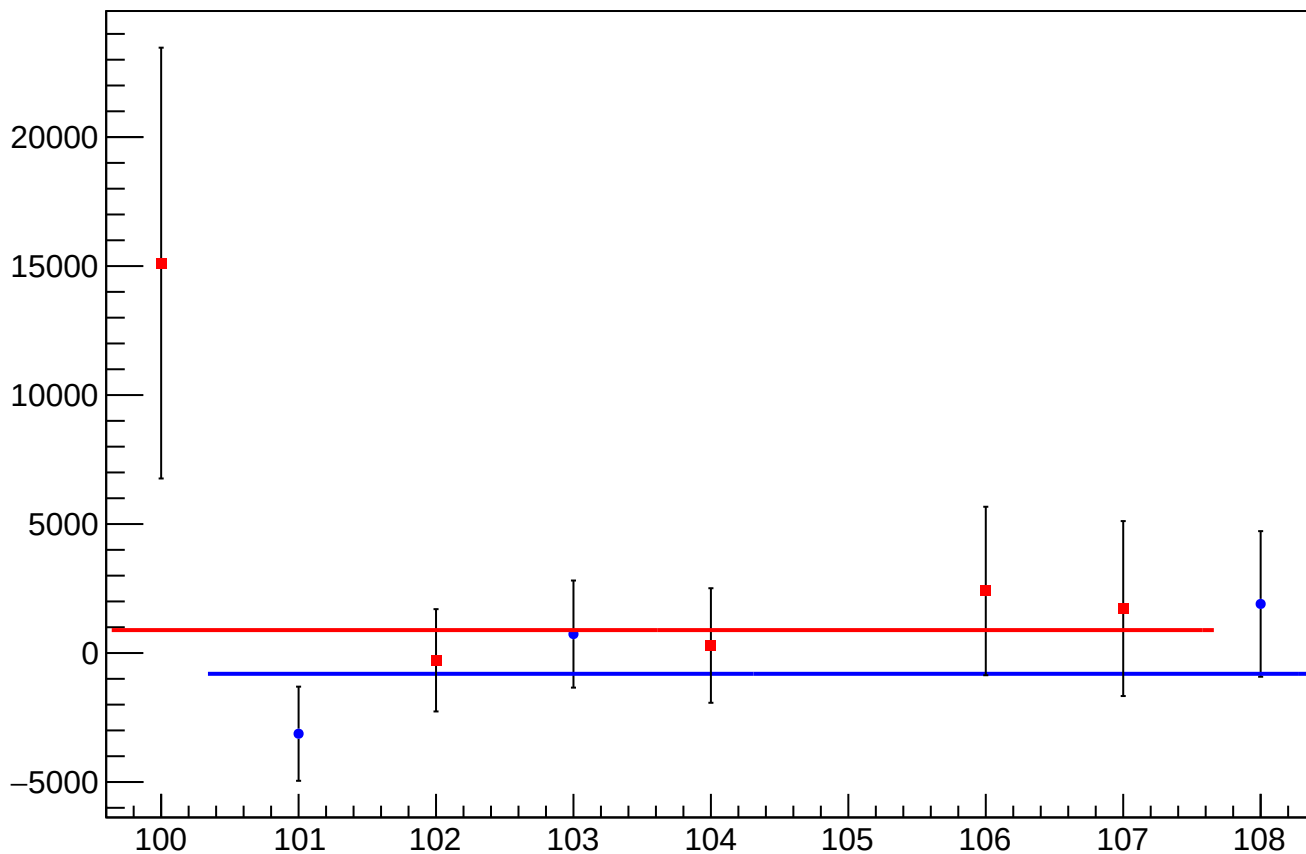
Right: 152.771+/-0.061 χ^2/NDF : 269110.6/7

In: 150.295+/-0.086 χ^2/NDF : 120536.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.771+/-0.061 χ^2/NDF : 269110.6/7

asym_sam_3726_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -805.546+/-1232.859 χ^2/NDF : 3.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 888.984+/-1238.205 χ^2/NDF : 3.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

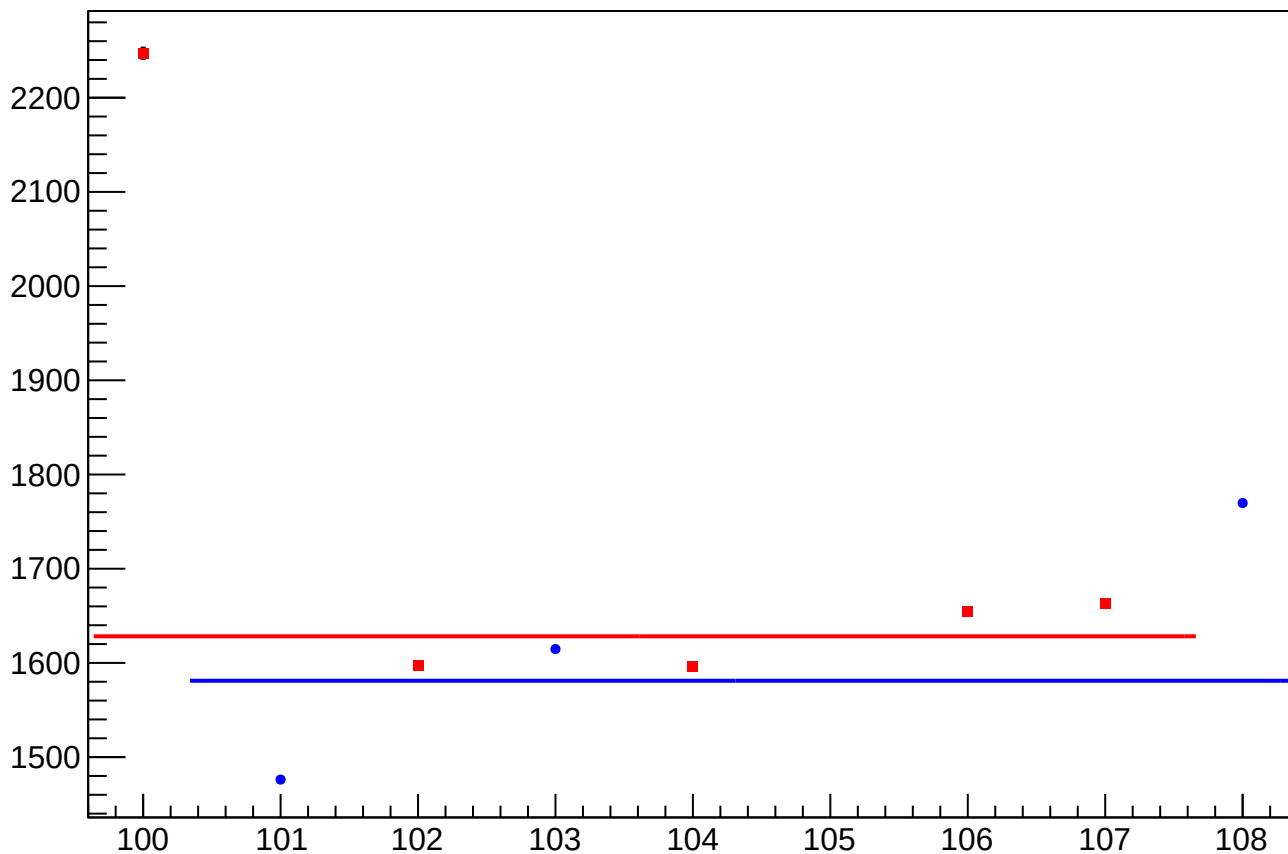
Right: 38.054+/-873.647 χ^2/NDF : 7.6/7

In: -805.546+/-1232.859 χ^2/NDF : 3.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.054+/-873.647 χ^2/NDF : 7.6/7

asym_sam_3726_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1581.059+/-0.872 χ^2/NDF : 16079.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1628.246+/-0.876 χ^2/NDF : 12244.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

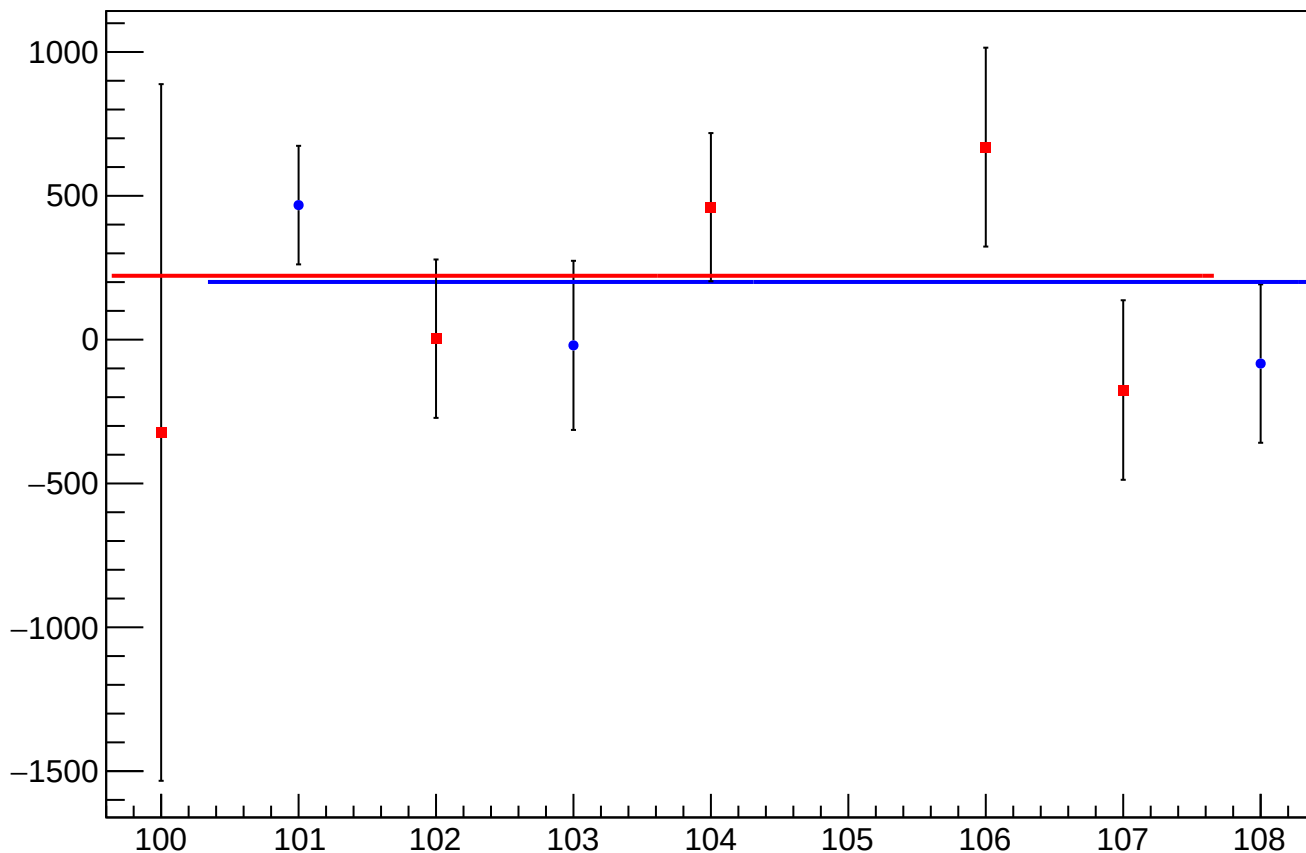
Right: 1604.551+/-0.618 χ^2/NDF : 29782.7/7

In: 1581.059+/-0.872 χ^2/NDF : 16079.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1604.551+/-0.618 χ^2/NDF : 29782.7/7

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 200.539 $\pm$ 143.888 χ^2 /NDF: 3.3/2

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 222.055 $\pm$ -144.980 χ^2 /NDF: 5.0/4

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

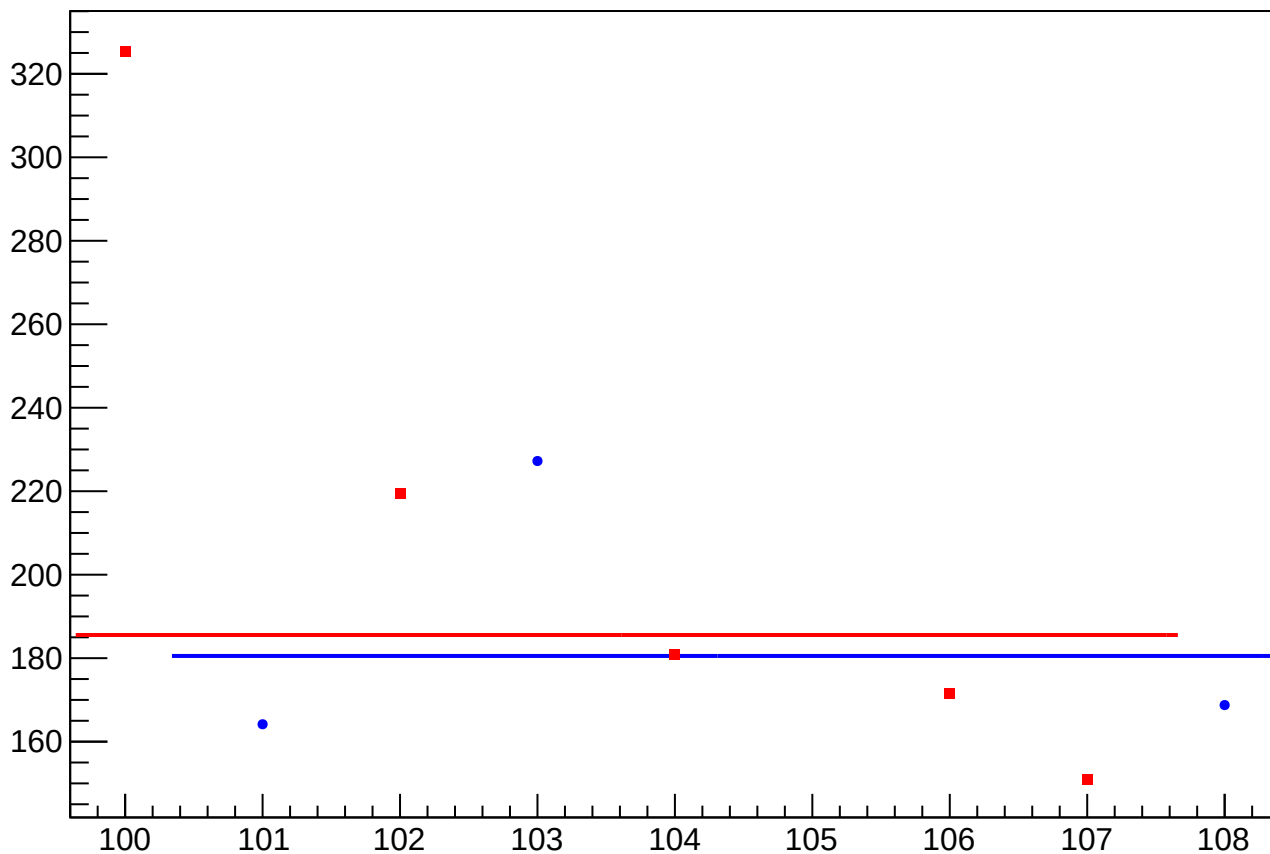
Right: 211.215 $\pm$ -102.128 χ^2 /NDF: 8.3/7

In: 200.539 $\pm$ -143.888 χ^2 /NDF:3.3/2

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 211.215 $\pm$ -102.128 χ^2 /NDF: 8.3/7

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 180.532 $\pm$ 0.102 χ^2 /NDF: 66745.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 185.552 $\pm$ 0.103 χ^2 /NDF: 85664.4/4

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

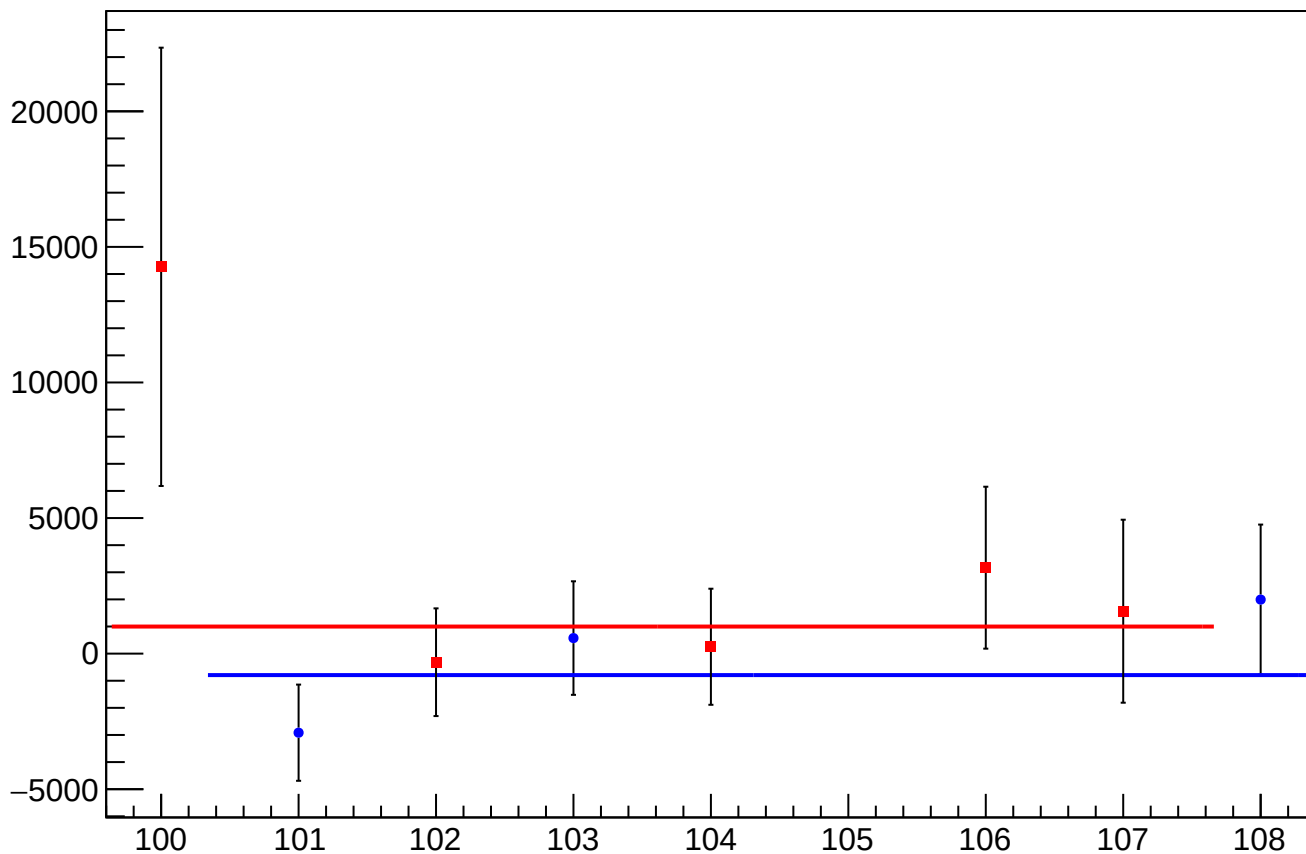
Right: 183.023 $\pm$ 0.072 χ^2 /NDF: 153617.4/7

In: 180.532 $\pm$ 0.102 χ^2 /NDF:66745.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 183.023 $\pm$ 0.072 χ^2 /NDF: 153617.4/7

asym_sam_3726_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -791.785+/-1215.807 χ^2/NDF : 2.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 998.276+/-1206.364 χ^2/NDF : 3.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

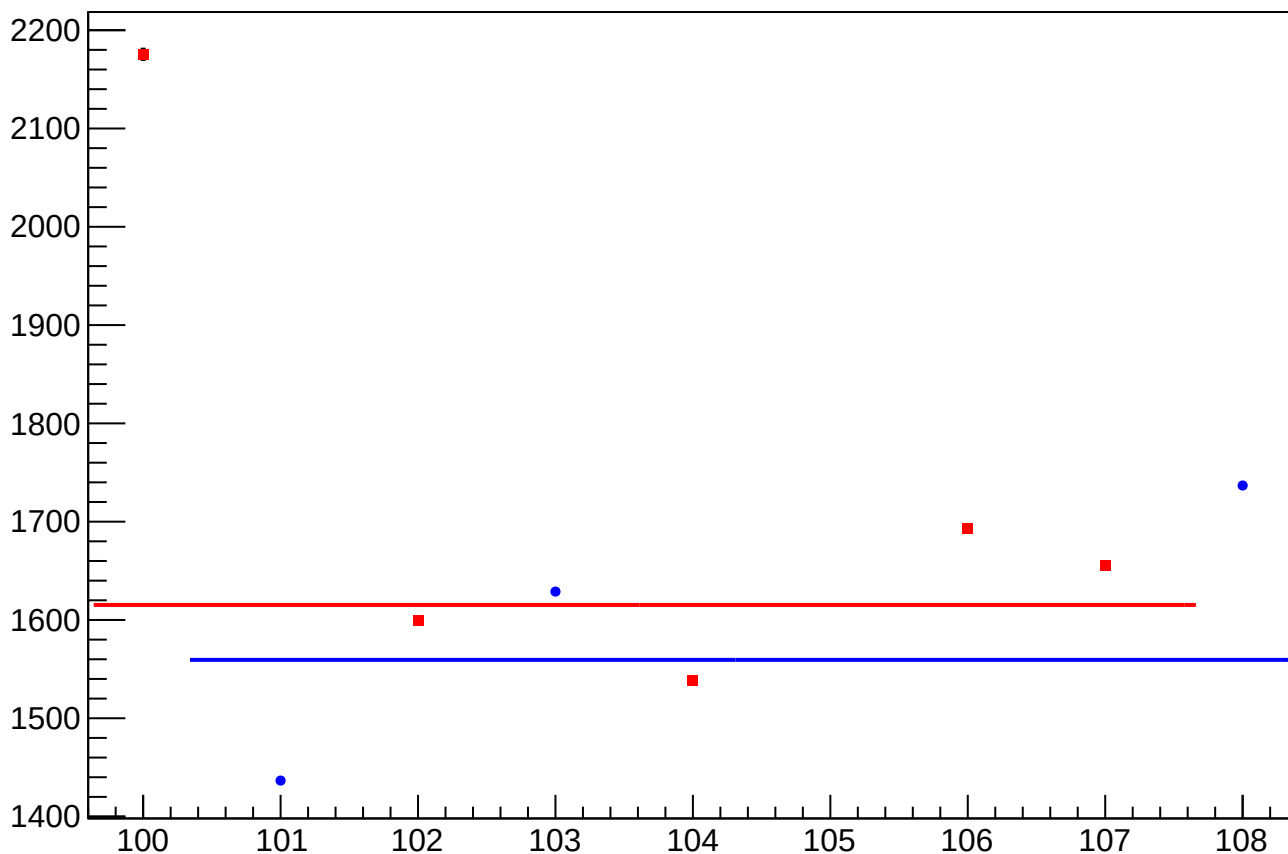
Right: 110.225+/-856.348 χ^2/NDF : 7.8/7

In: -791.785+/-1215.807 χ^2/NDF : 2.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.225+/-856.348 χ^2/NDF : 7.8/7

asym_sam_3726_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1559.408 $\pm$ 0.860 χ^2 /NDF: 20007.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1615.288 $\pm$ 0.853 χ^2 /NDF: 13974.7/4

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

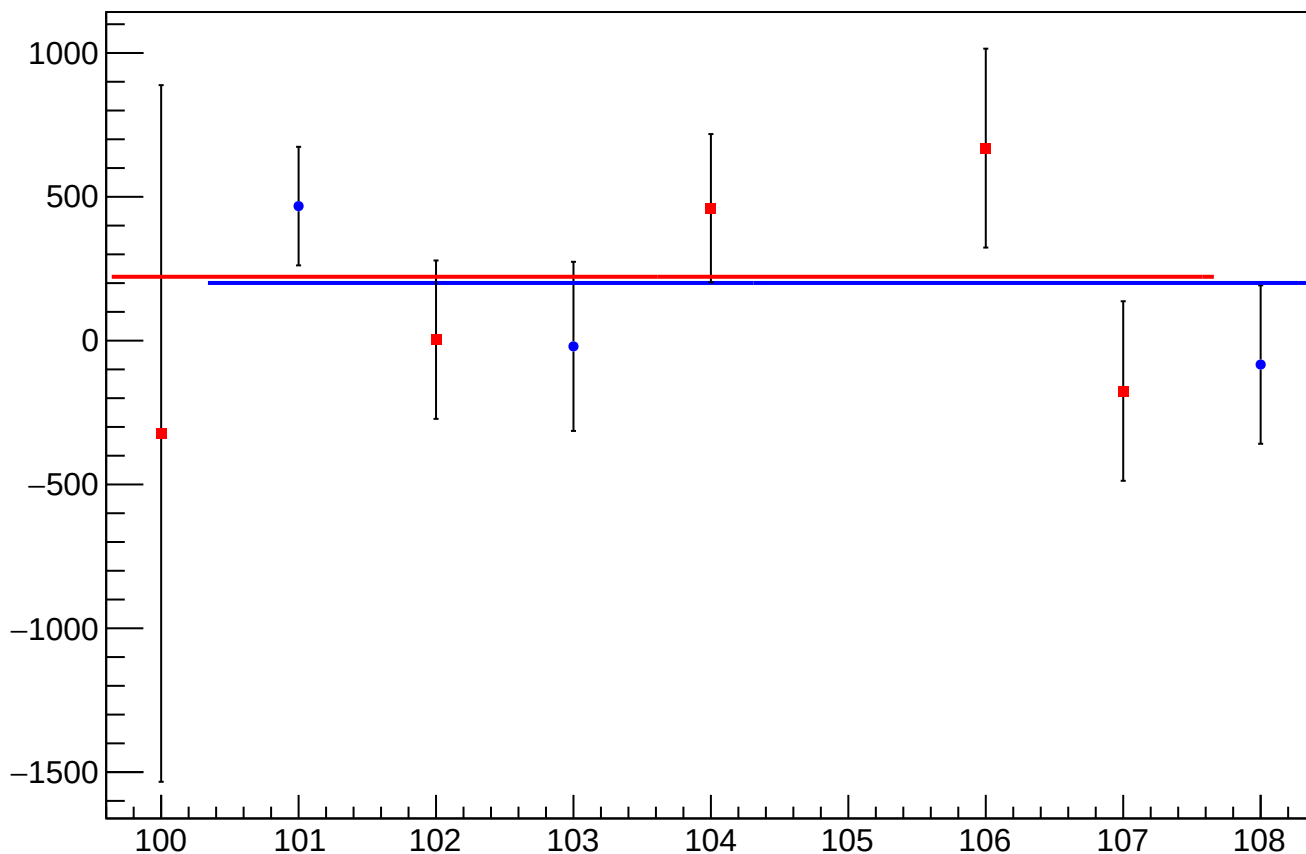
Right: 1587.566 $\pm$ 0.606 χ^2 /NDF: 36111.2/7

In: 1559.408 $\pm$ 0.860 χ^2 /NDF: 20007.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1587.566 $\pm$ 0.606 χ^2 /NDF: 36111.2/7

eigen_dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 200.539 $\pm$ 143.888 χ^2 /NDF: 3.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 222.057 $\pm$ 144.980 χ^2 /NDF: 5.0/4

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

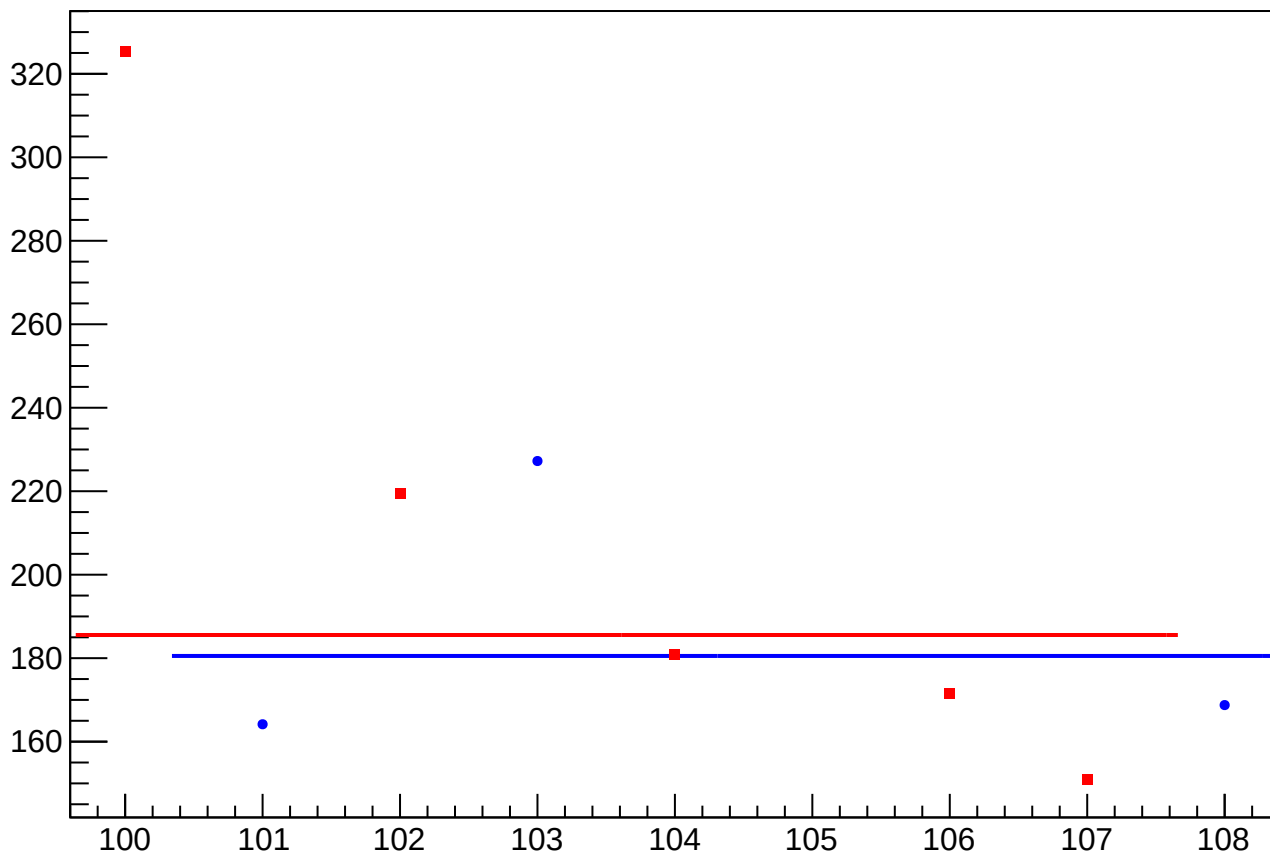
Right: 211.217 $\pm$ 102.128 χ^2 /NDF: 8.3/7

In: 200.539 $\pm$ 143.888 χ^2 /NDF:3.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 211.217 $\pm$ 102.128 χ^2 /NDF: 8.3/7

eigen_dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 180.533+/-0.102 χ^2/NDF : 66742.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 185.553+/-0.103 χ^2/NDF : 85664.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

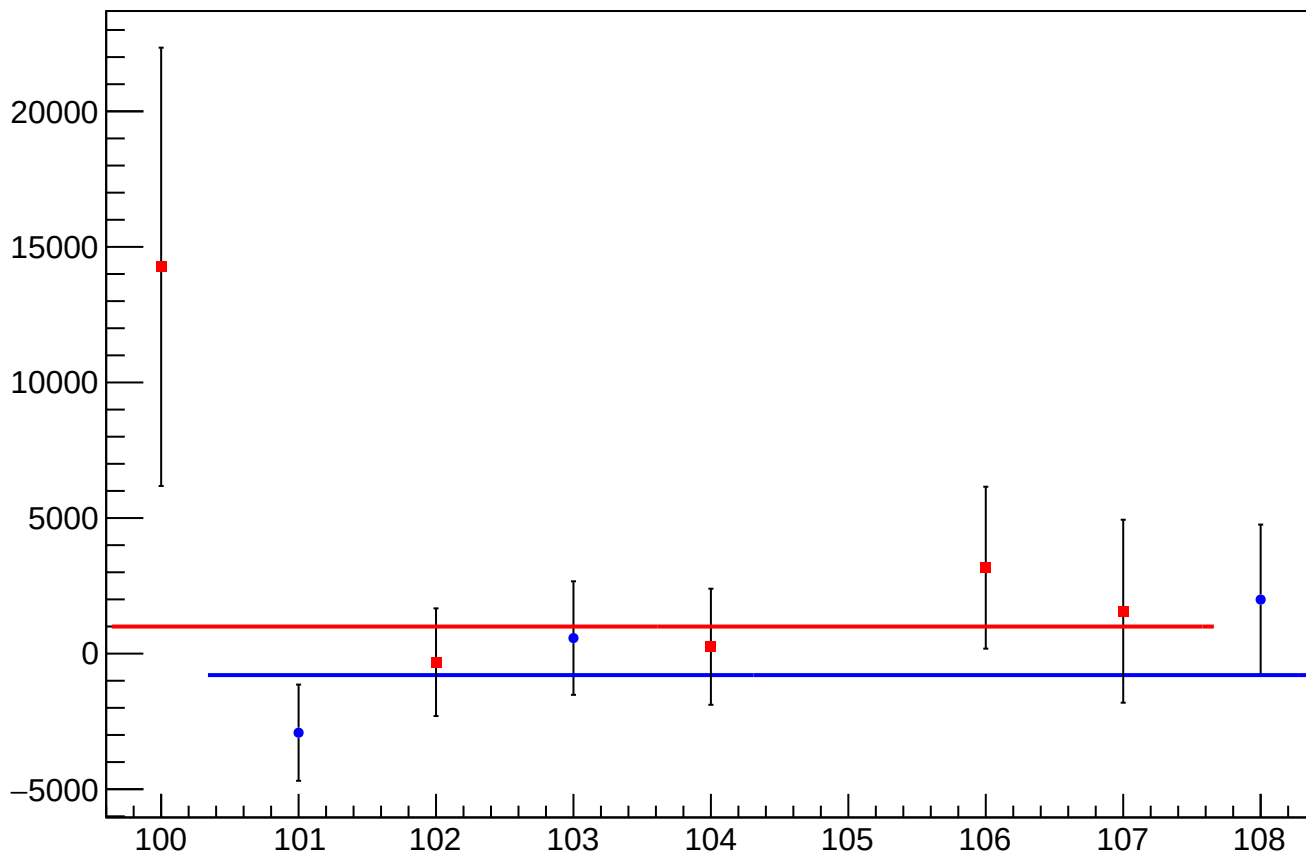
Right: 183.024+/-0.072 χ^2/NDF : 153615.0/7

In: 180.533+/-0.102 χ^2/NDF : 66742.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.024+/-0.072 χ^2/NDF : 153615.0/7

asym_sam_3726_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -791.783+/-1215.805 χ^2/NDF : 2.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 998.273+/-1206.361 χ^2/NDF : 3.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

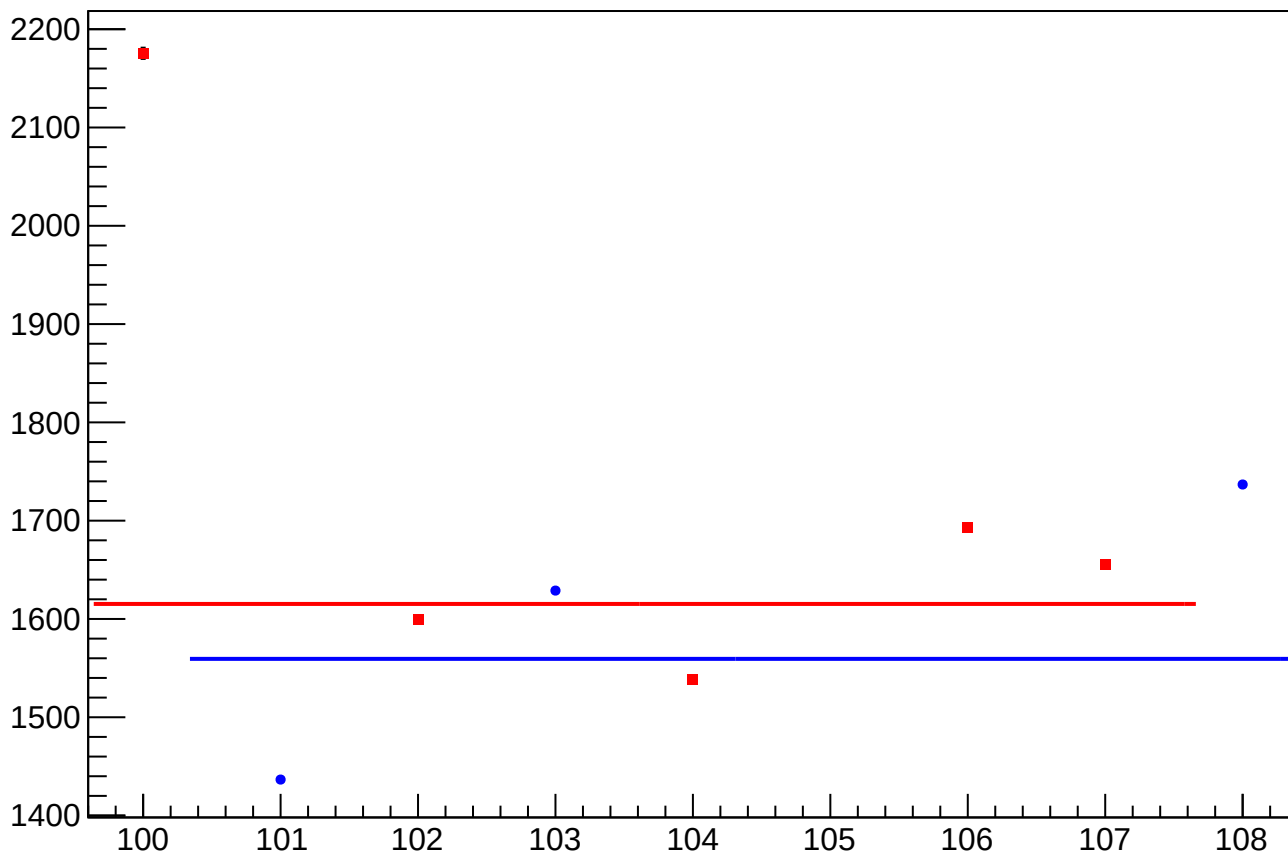
Right: 110.224+/-856.345 χ^2/NDF : 7.8/7

In: -791.783+/-1215.805 χ^2/NDF : 2.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.224+/-856.345 χ^2/NDF : 7.8/7

asym_sam_3726_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1559.404 $\pm$ 0.860 χ^2 /NDF: 20007.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1615.284 $\pm$ 0.853 χ^2 /NDF: 13975.0/4

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

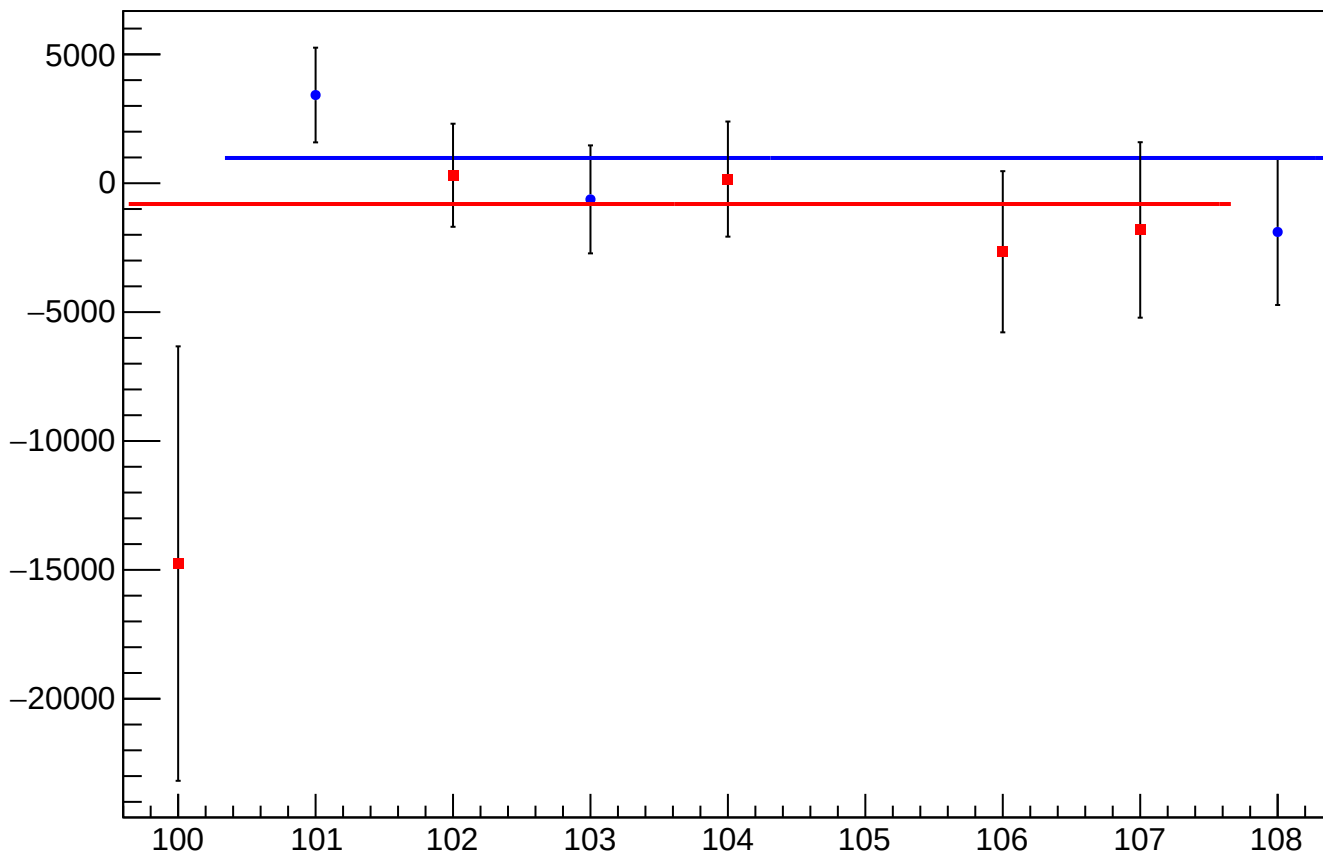
Right: 1587.562 $\pm$ 0.606 χ^2 /NDF: 36111.3/7

In: 1559.404 $\pm$ 0.860 χ^2 /NDF:20007.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1587.562 $\pm$ 0.606 χ^2 /NDF: 36111.3/7

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 979.714 $\pm$ 1241.553 χ^2 /NDF: 3.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -805.817 $\pm$ 1237.126 χ^2 /NDF: 3.7/4

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

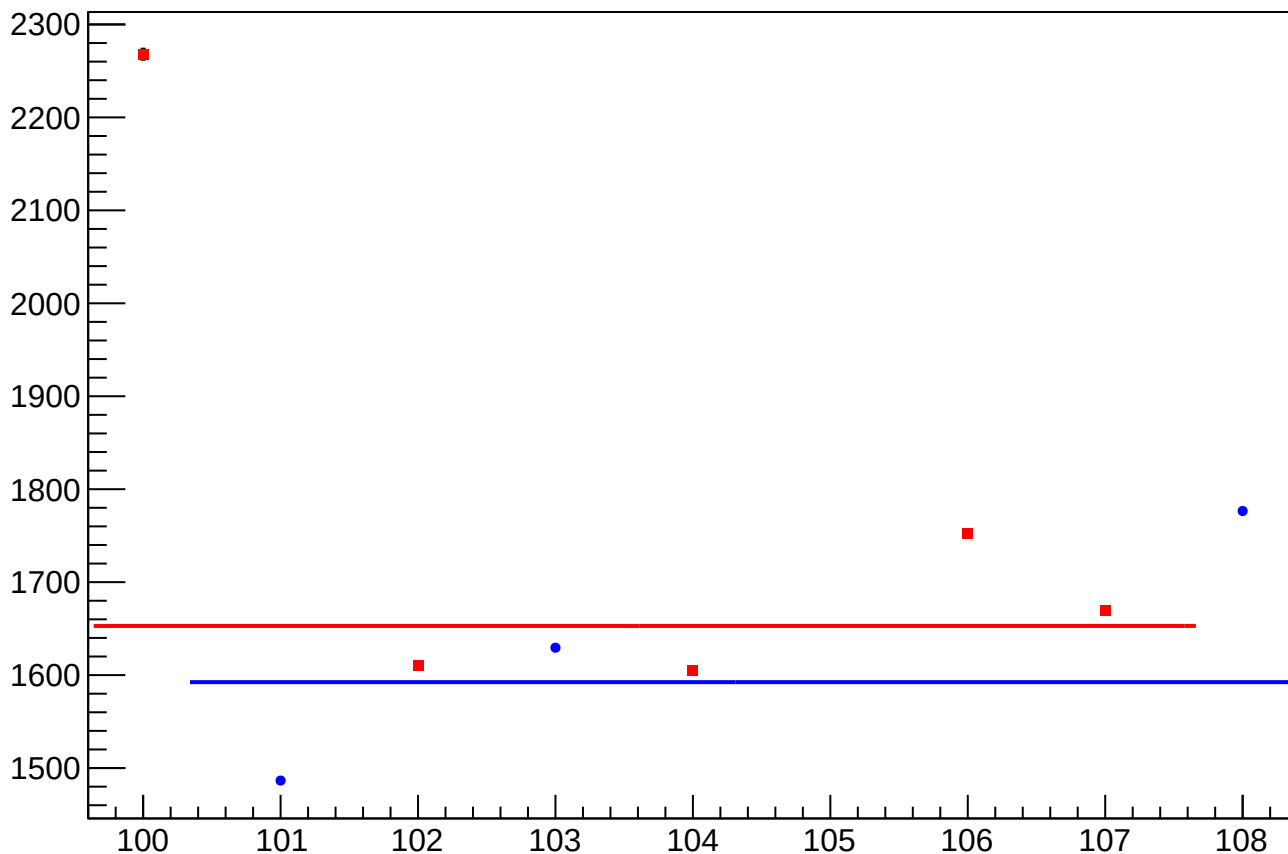
Right: 83.759 $\pm$ 876.341 χ^2 /NDF: 8.1/7

In: 979.714 $\pm$ 1241.553 χ^2 /NDF: 3.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 83.759 $\pm$ 876.341 χ^2 /NDF: 8.1/7

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 1592.427+/-0.878 χ^2/NDF : 15718.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1652.902+/-0.875 χ^2/NDF : 14550.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

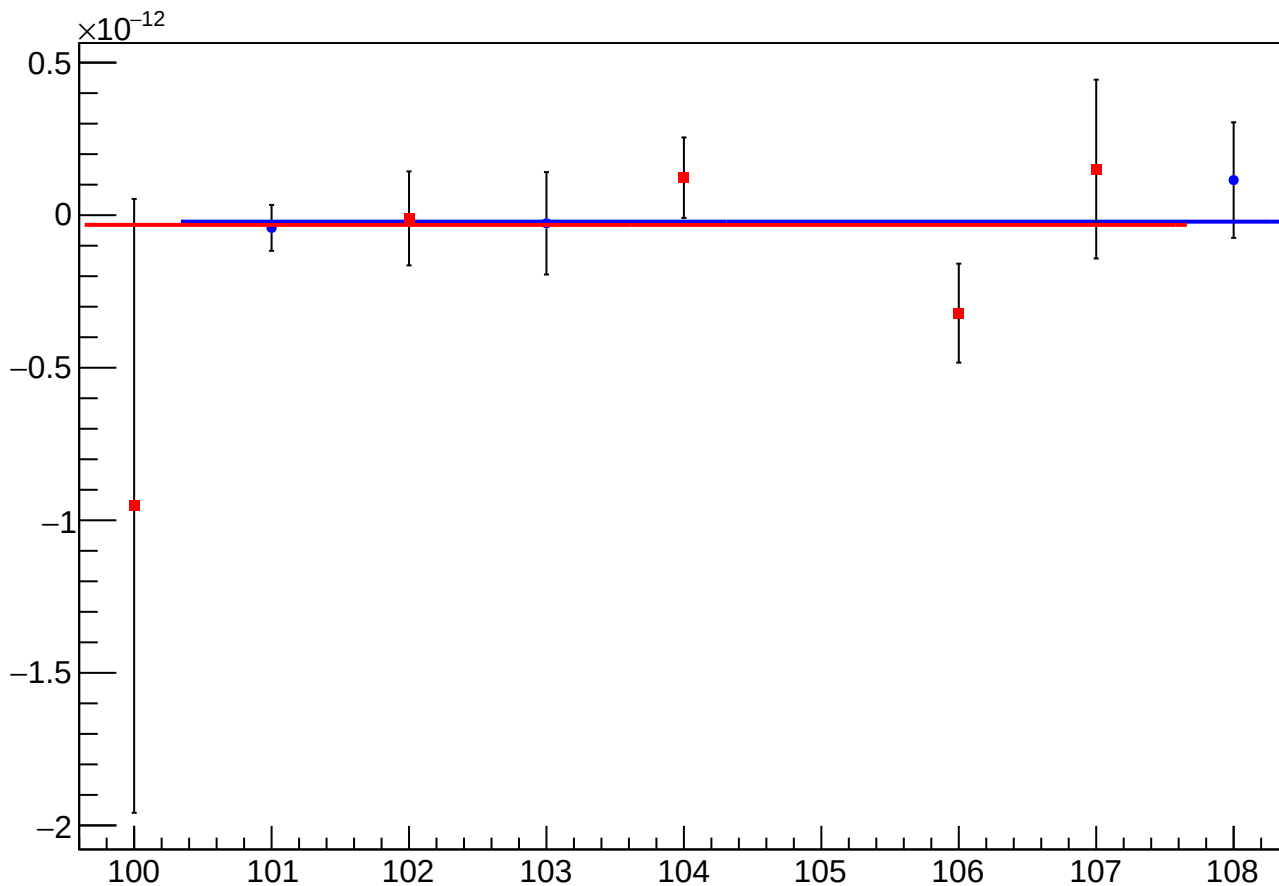
Right: 1622.773+/-0.620 χ^2/NDF : 32650.5/7

In: 1592.427+/-0.878 χ^2/NDF : 15718.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1622.773+/-0.620 χ^2/NDF : 32650.5/7

asym_sam_3726_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.6/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 5.8/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

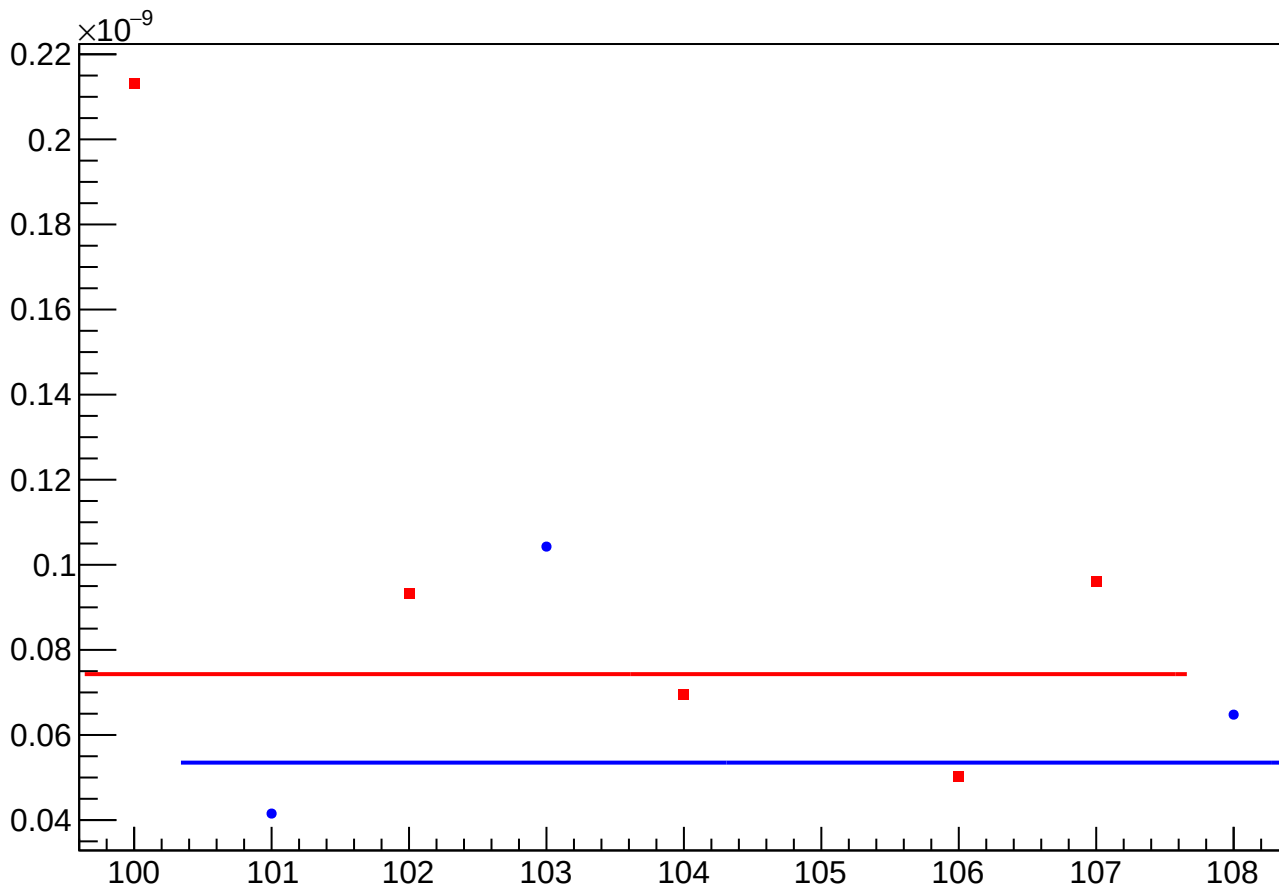
Right: -0.000+/-0.000 χ^2 /NDF: 6.4/7

In: -0.000+/-0.000 χ^2 /NDF:0.6/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 6.4/7

asym_sam_3726_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 240884.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 125836.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

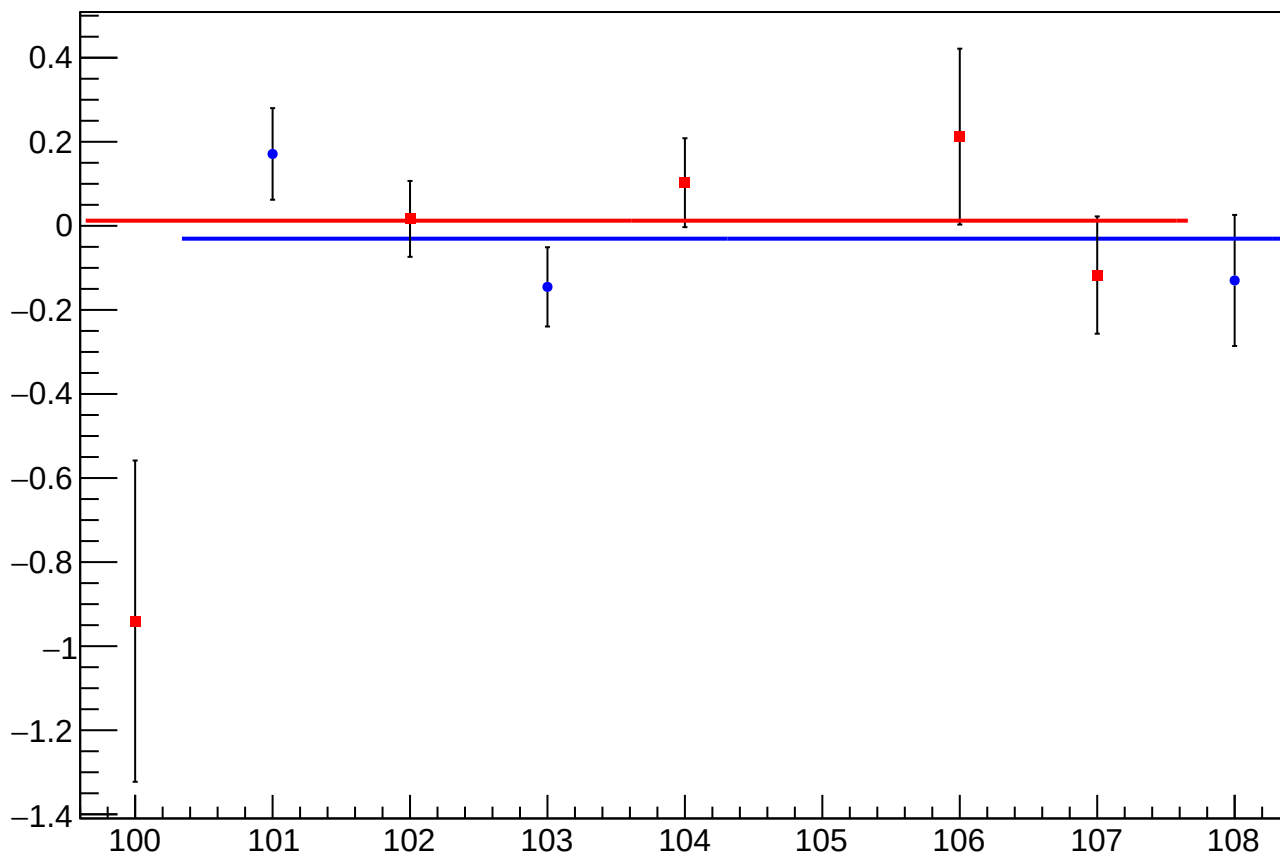
Right: 0.000+/-0.000 χ^2/NDF : 446715.2/7

In: 0.000+/-0.000 χ^2/NDF : 240884.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 446715.2/7

asym_sam_3726_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031 $\pm$ 0.065 χ^2 /NDF: 5.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.012 $\pm$ 0.058 χ^2 /NDF: 8.7/4

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

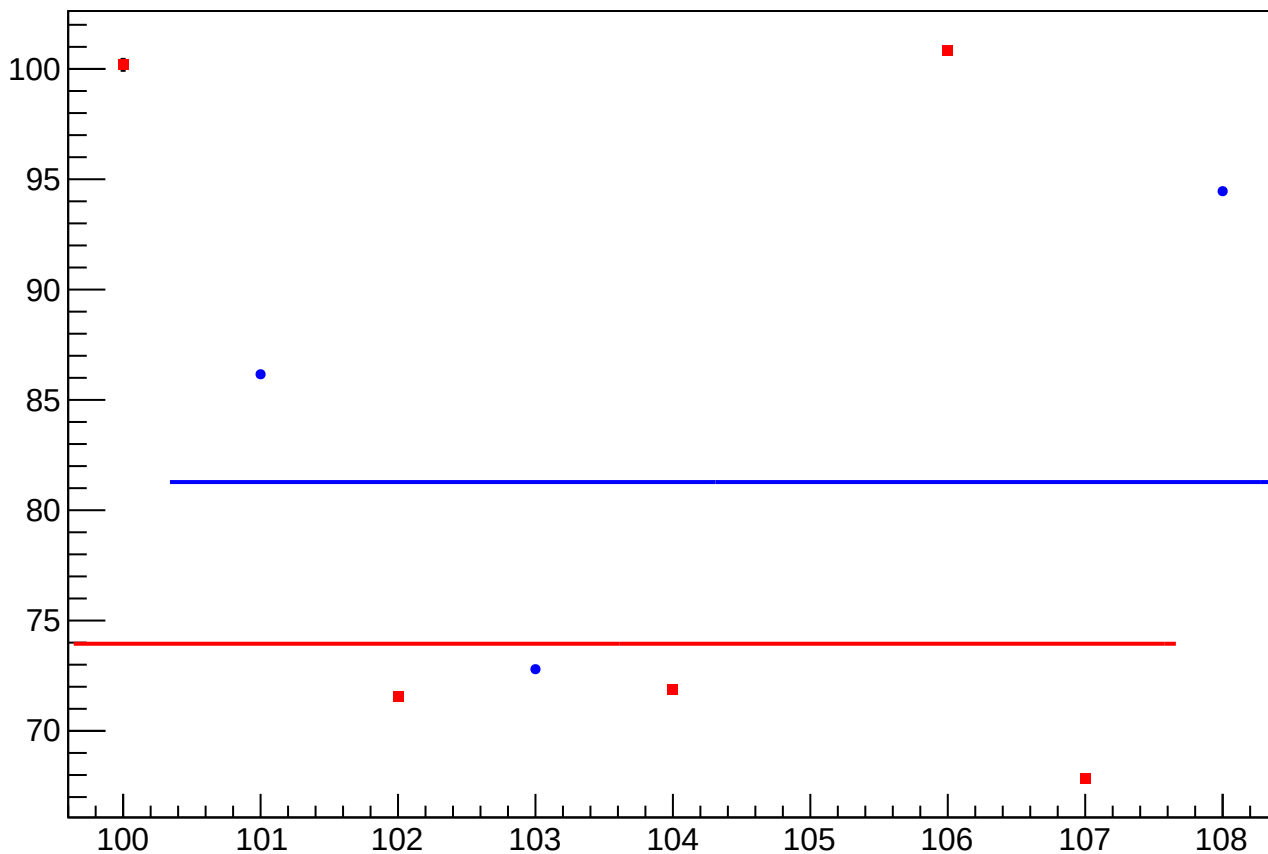
Right: -0.007 $\pm$ 0.043 χ^2 /NDF: 14.3/7

In: -0.031 $\pm$ 0.065 χ^2 /NDF:5.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.043 χ^2 /NDF: 14.3/7

asym_sam_3726_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 81.277+/-0.046 χ^2/NDF : 34494.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.949+/-0.041 χ^2/NDF : 48402.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

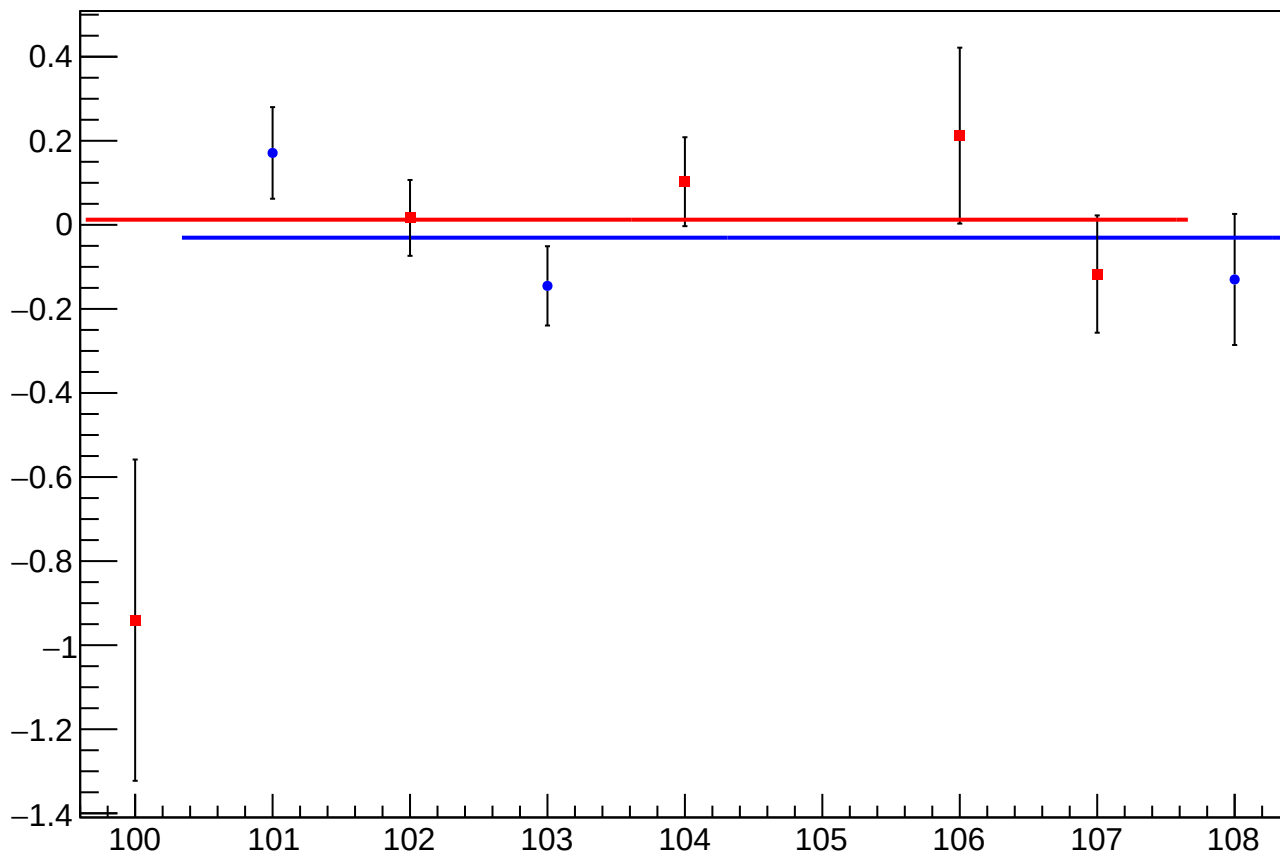
Right: 77.231+/-0.031 χ^2/NDF : 96999.2/7

In: 81.277+/-0.046 χ^2/NDF : 34494.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.231+/-0.031 χ^2/NDF : 96999.2/7

asym_sam_3726_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031 $\pm$ 0.065 χ^2 /NDF: 5.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.012 $\pm$ 0.058 χ^2 /NDF: 8.7/4

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

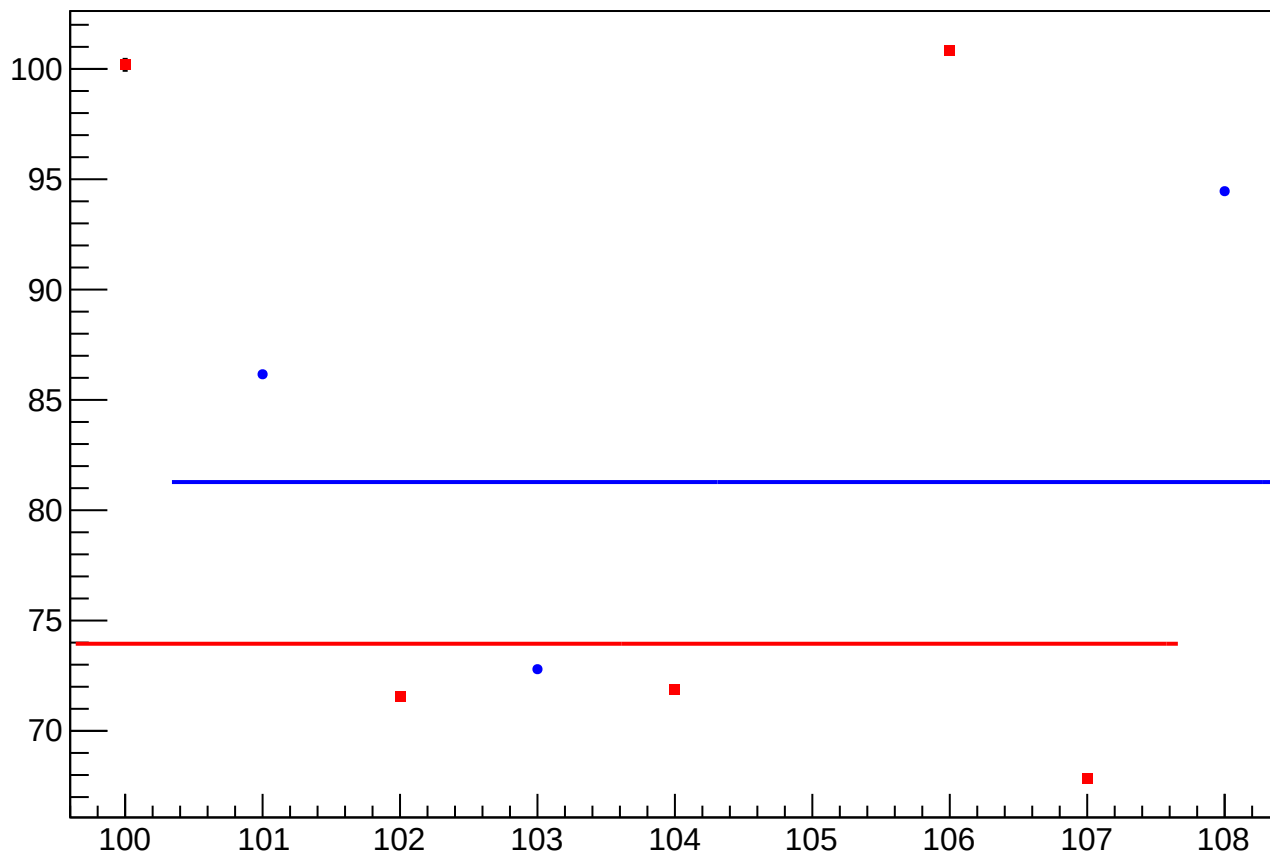
Right: -0.007 $\pm$ 0.043 χ^2 /NDF: 14.3/7

In: -0.031 $\pm$ 0.065 χ^2 /NDF:5.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.043 χ^2 /NDF: 14.3/7

asym_sam_3726_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 81.277+/-0.046 χ^2/NDF : 34494.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.949+/-0.041 χ^2/NDF : 48402.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

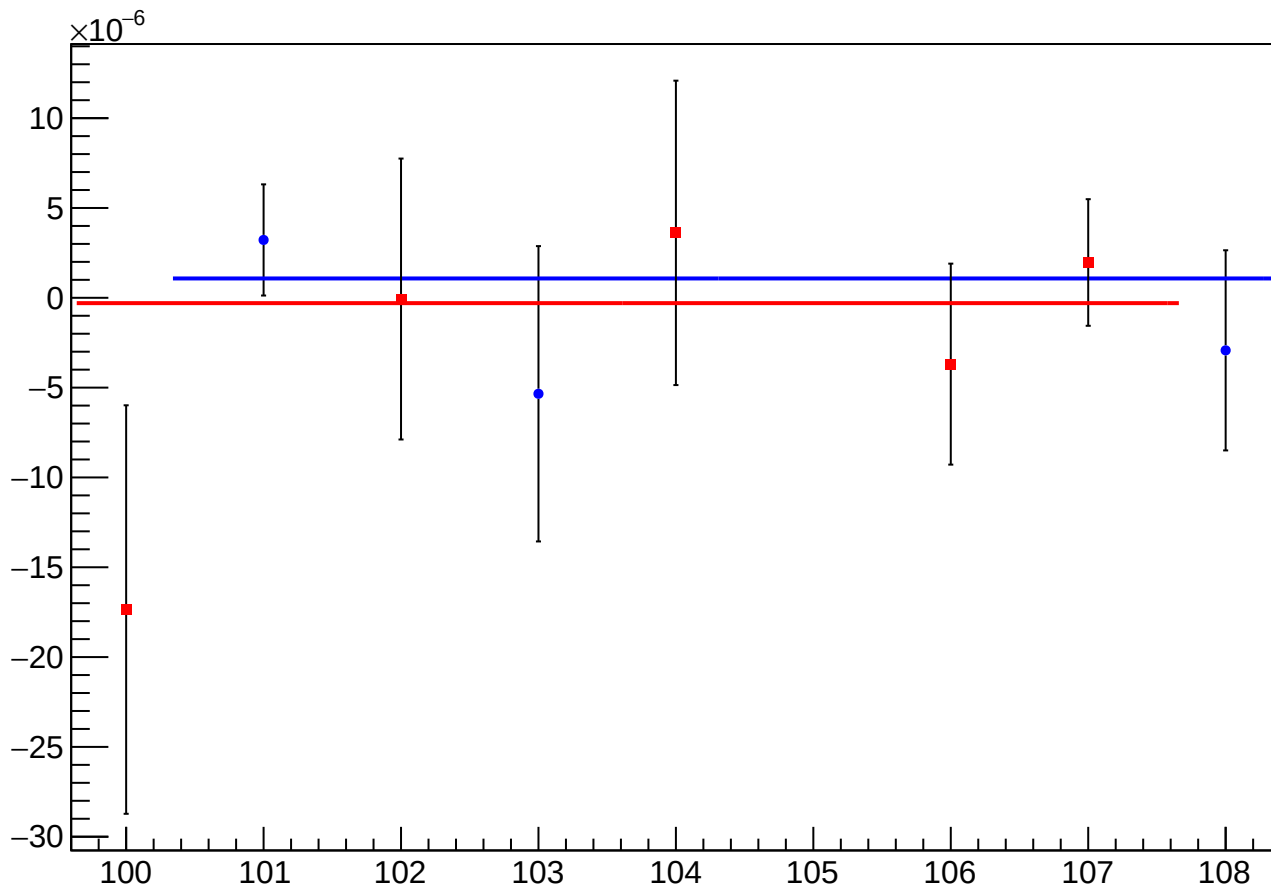
Right: 77.231+/-0.031 χ^2/NDF : 96999.2/7

In: 81.277+/-0.046 χ^2/NDF : 34494.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.231+/-0.031 χ^2/NDF : 96999.2/7

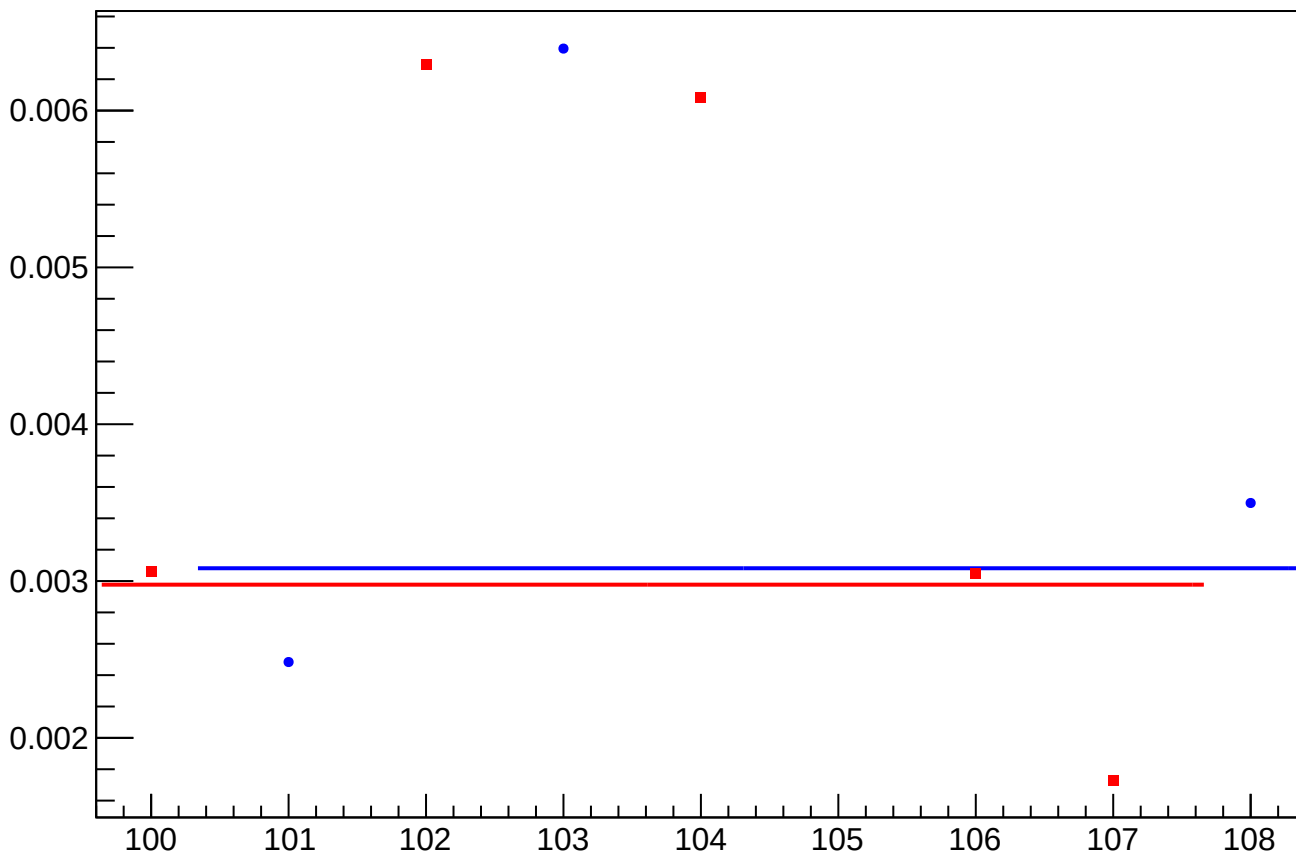
asym_sam_3726_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.6/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 3.2/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 5.0/7
 In: 0.000+/-0.000 χ^2/NDF : 1.6/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 5.0/7

asym_sam_3726_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 410859.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 880875.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

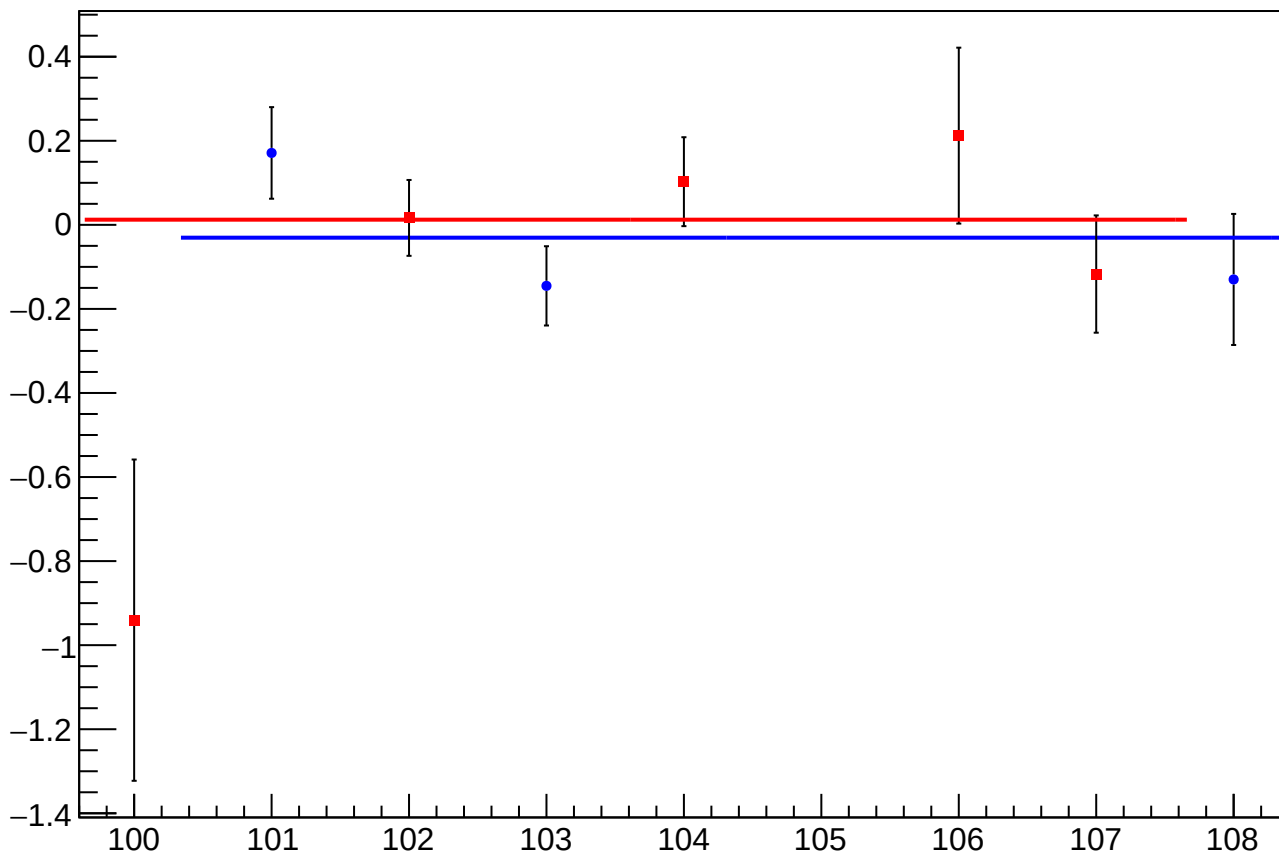
Right: 0.003+/-0.000 χ^2/NDF : 1293388.7/7

In: 0.003+/-0.000 χ^2/NDF : 410859.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 1293388.7/7

asym_sam_3726_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031 $\pm$ 0.065 χ^2 /NDF: 5.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.012 $\pm$ 0.058 χ^2 /NDF: 8.7/4

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

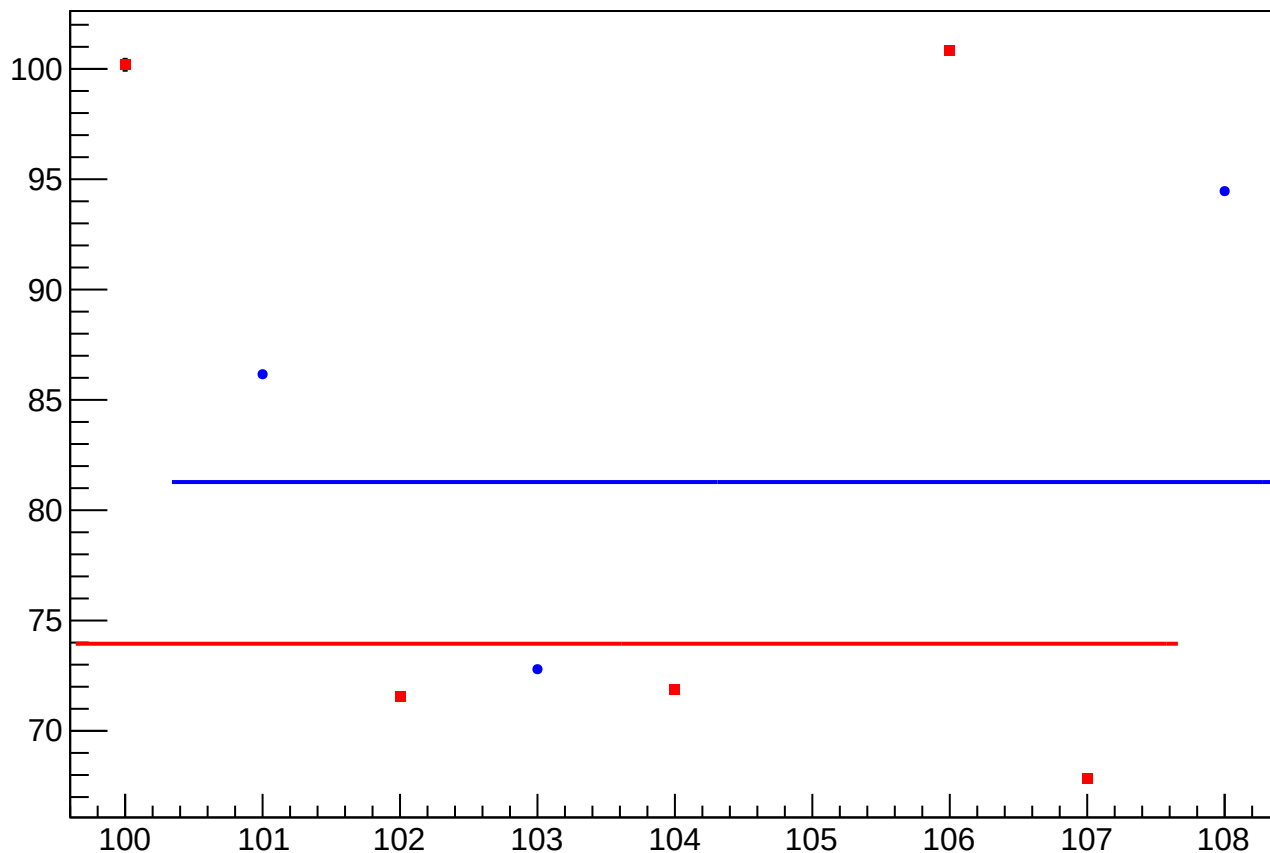
Right: -0.007 $\pm$ 0.043 χ^2 /NDF: 14.3/7

In: -0.031 $\pm$ 0.065 χ^2 /NDF:5.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.043 χ^2 /NDF: 14.3/7

asym_sam_3726_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 81.277 ± 0.046 $\chi^2/\text{NDF}: 34501.7/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 73.949 ± 0.041 $\chi^2/\text{NDF}: 48401.8/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

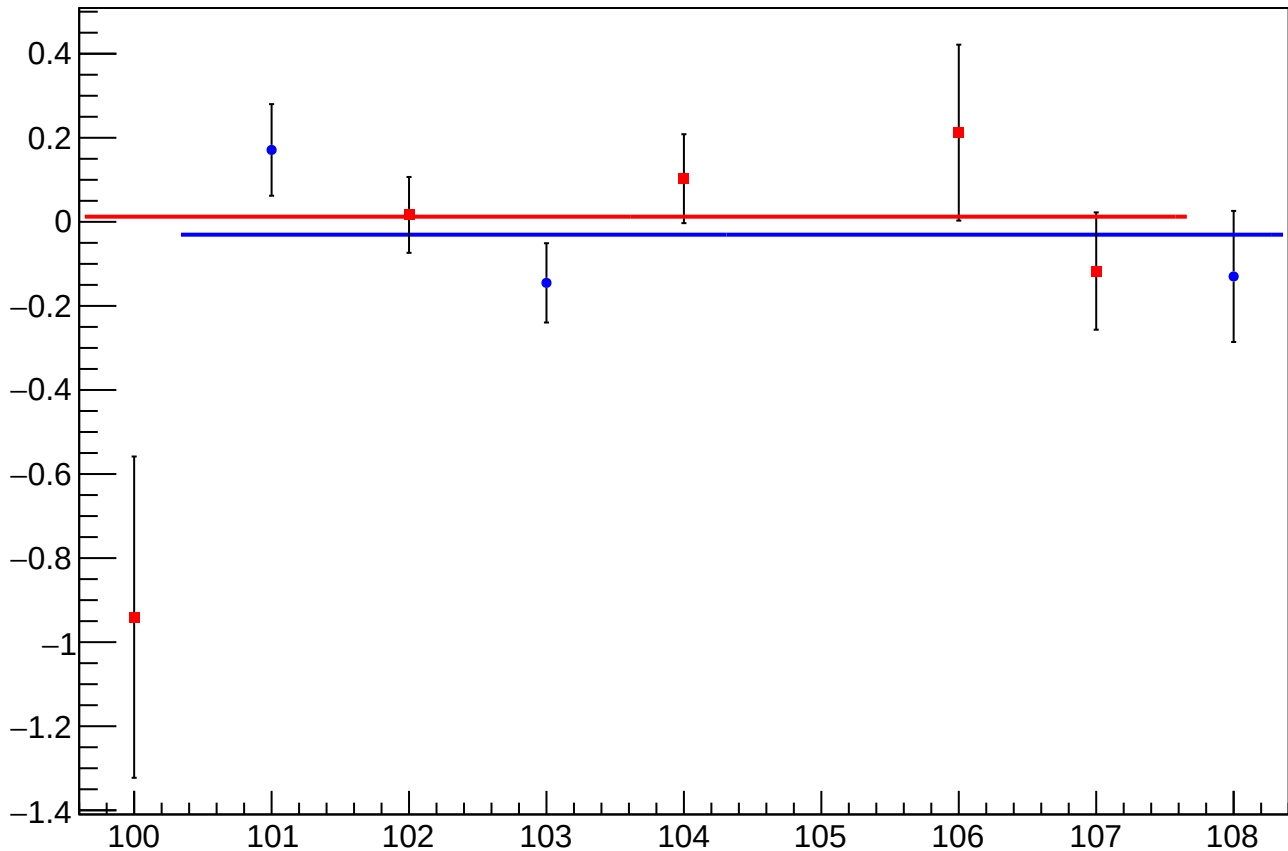
Right: 77.231 ± 0.031 $\chi^2/\text{NDF}: 97004.5/7$

In: 81.277 ± 0.046 $\chi^2/\text{NDF}: 34501.7/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 77.231 ± 0.031 $\chi^2/\text{NDF}: 97004.5/7$

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.031+/-0.065 χ^2/NDF : 5.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.058 χ^2/NDF : 8.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

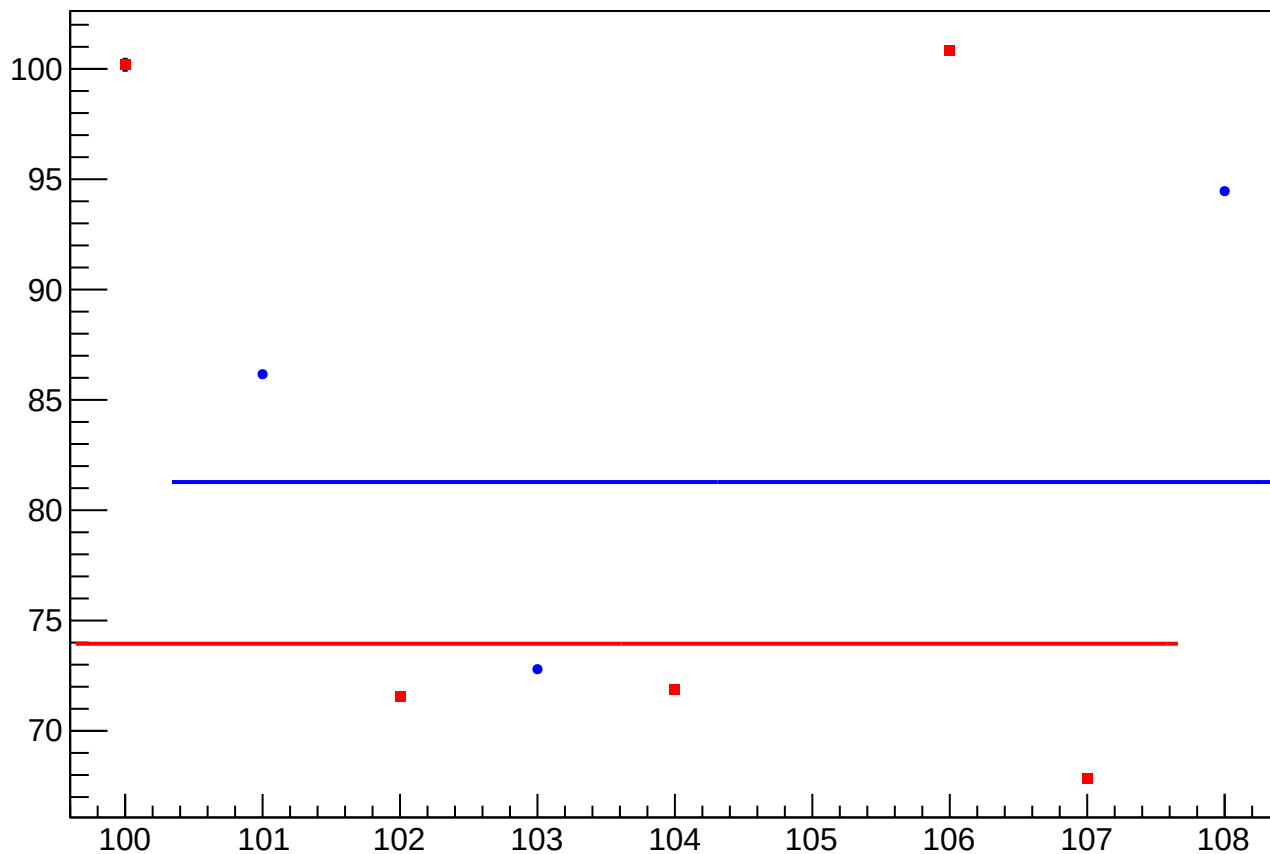
Right: -0.007+/-0.043 χ^2/NDF : 14.3/7

In: -0.031+/-0.065 χ^2/NDF : 5.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.043 χ^2/NDF : 14.3/7

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 81.277+/-0.046 χ^2/NDF : 34501.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.949+/-0.041 χ^2/NDF : 48401.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

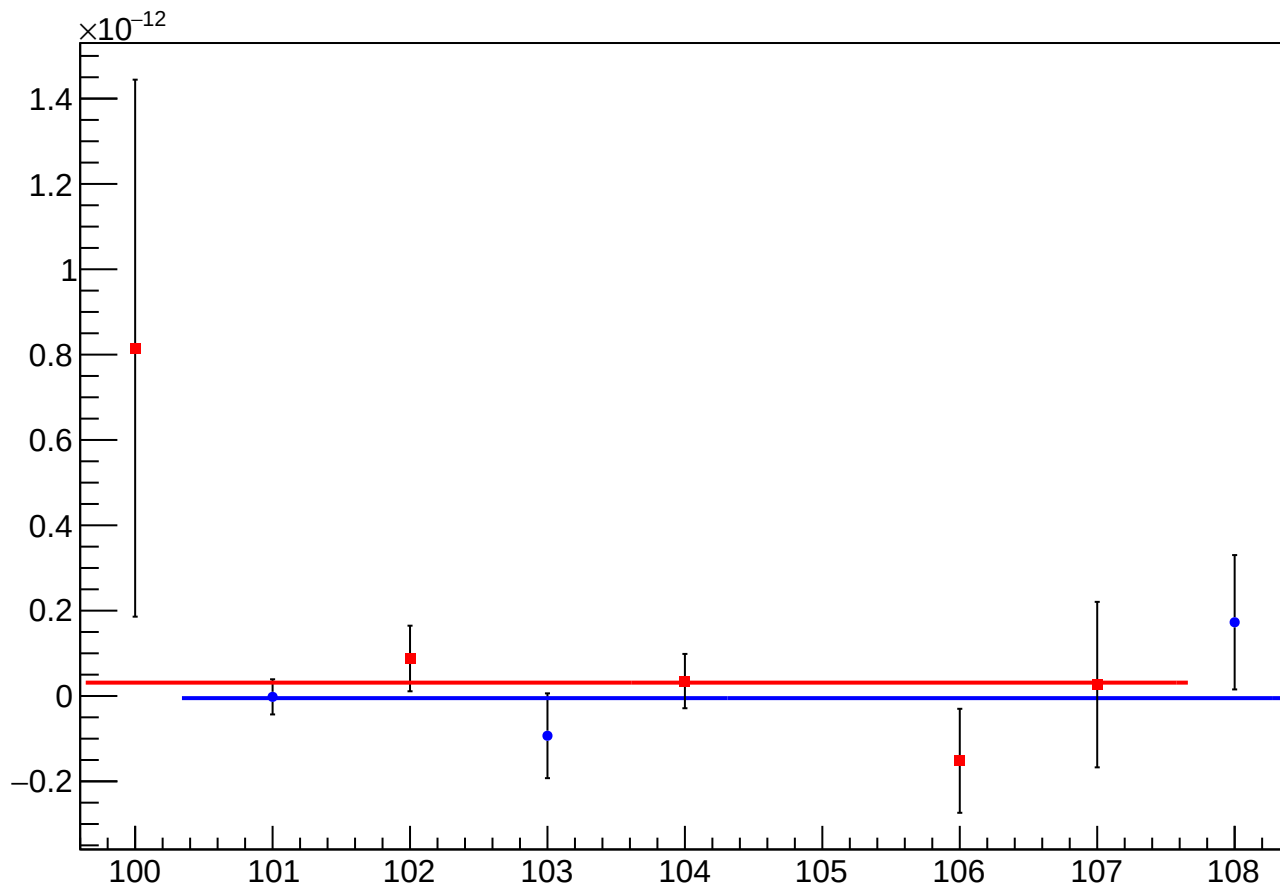
Right: 77.231+/-0.031 χ^2/NDF : 97004.5/7

In: 81.277+/-0.046 χ^2/NDF : 34501.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.231+/-0.031 χ^2/NDF : 97004.5/7

asym_sam_3726_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

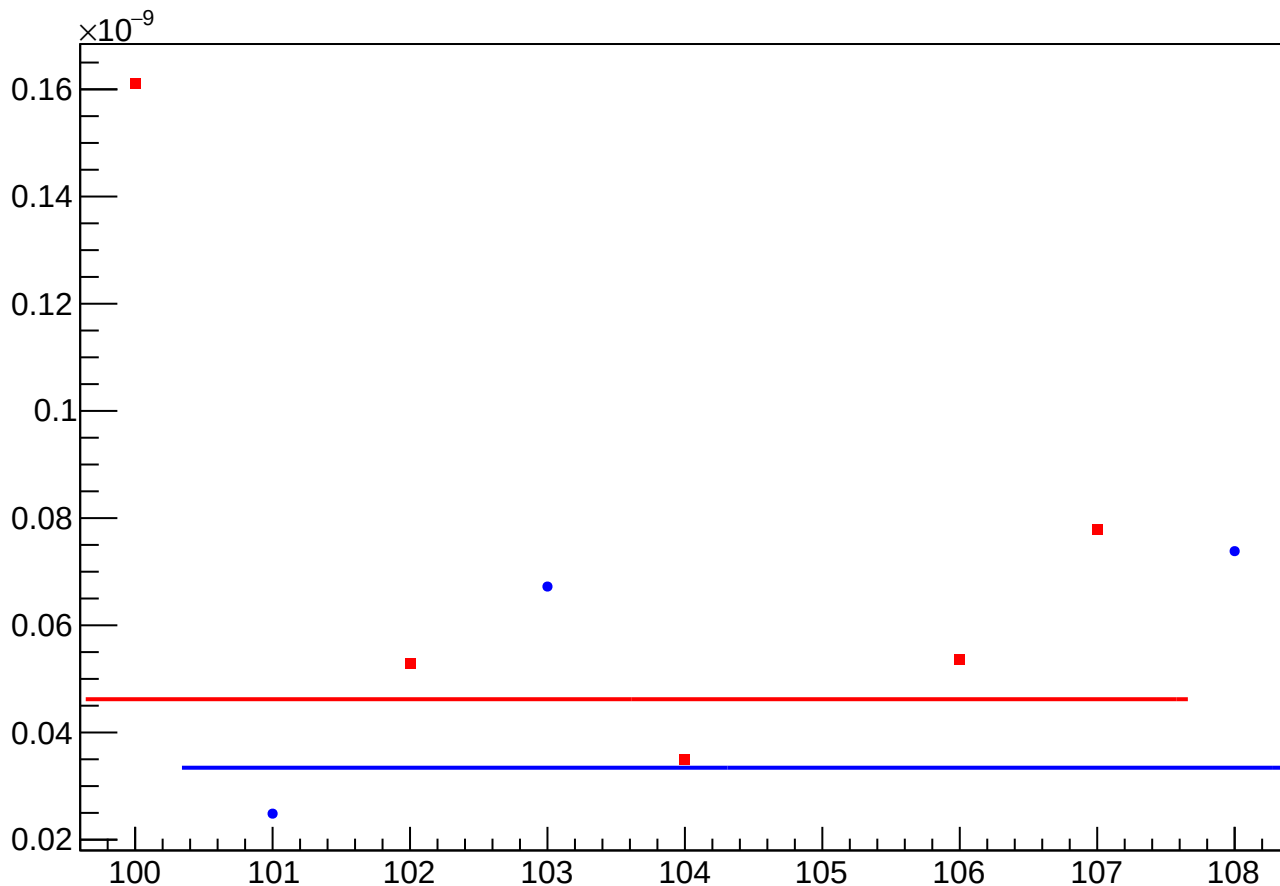
Right: 0.000+/-0.000 χ^2/NDF : 6.8/7

In: -0.000+/-0.000 χ^2/NDF : 2.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.8/7

asym_sam_3726_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 449854.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 205178.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

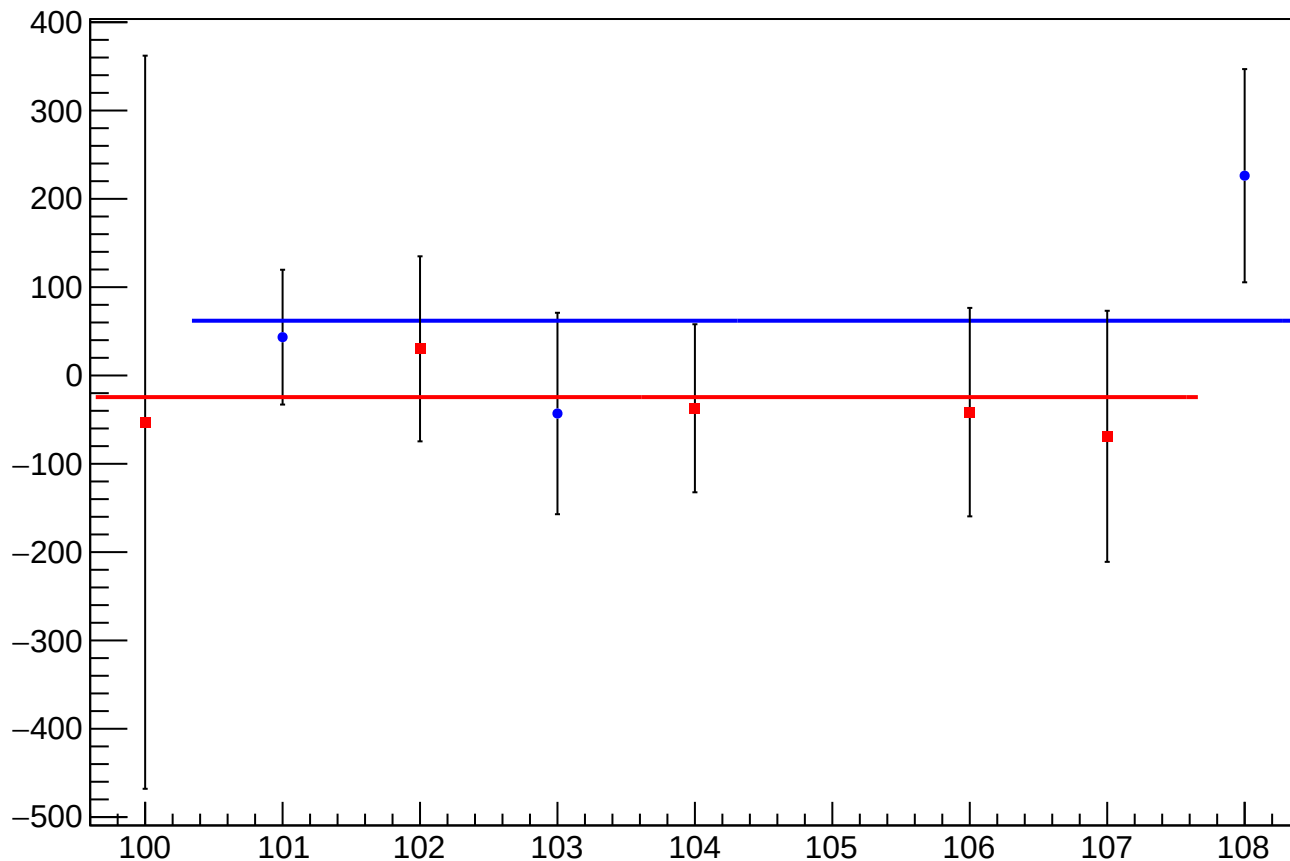
Right: 0.000+/-0.000 χ^2/NDF : 753529.6/7

In: 0.000+/-0.000 χ^2/NDF : 449854.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 753529.6/7

reg_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 62.000+/-56.149 χ^2/NDF : 2.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -24.482+/-55.156 χ^2/NDF : 0.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

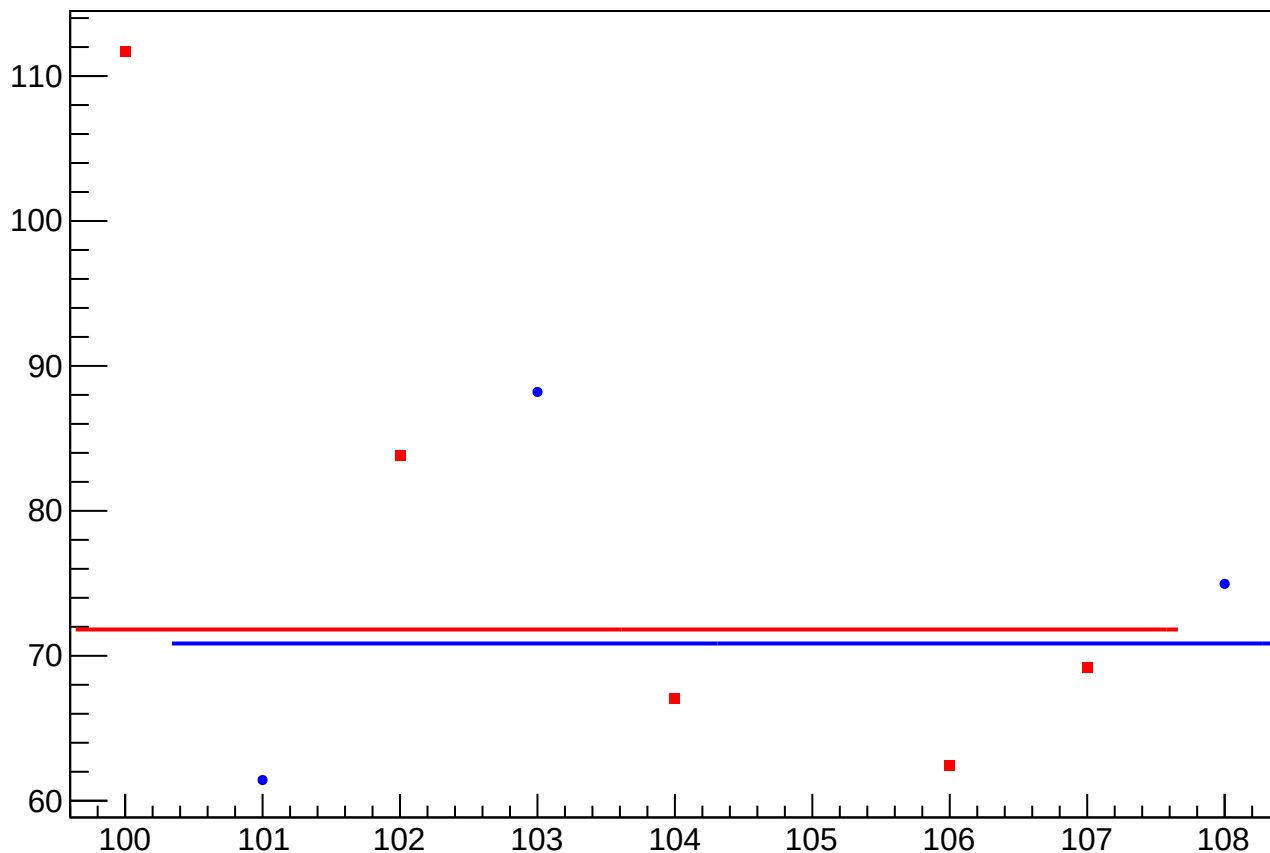
Right: 17.988+/-39.347 χ^2/NDF : 4.4/7

In: 62.000+/-56.149 χ^2/NDF : 2.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.988+/-39.347 χ^2/NDF : 4.4/7

reg_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 70.849+/-0.040 χ^2/NDF : 79100.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.816+/-0.039 χ^2/NDF : 63057.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

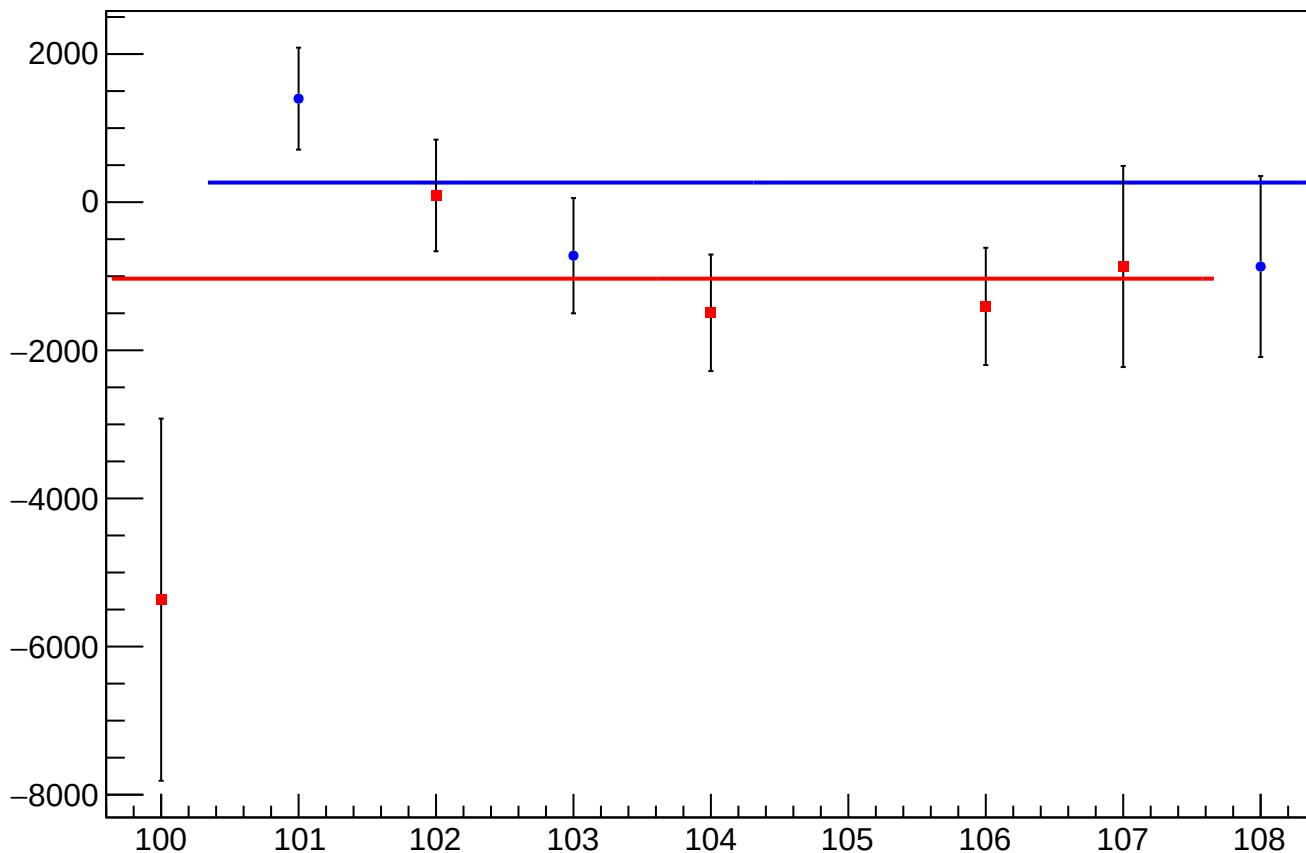
Right: 71.341+/-0.028 χ^2/NDF : 142458.6/7

In: 70.849+/-0.040 χ^2/NDF : 79100.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.341+/-0.028 χ^2/NDF : 142458.6/7

asym_sam_15_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 264.701+/-475.036 χ^2/NDF : 5.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1032.607+/-419.469 χ^2/NDF : 5.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

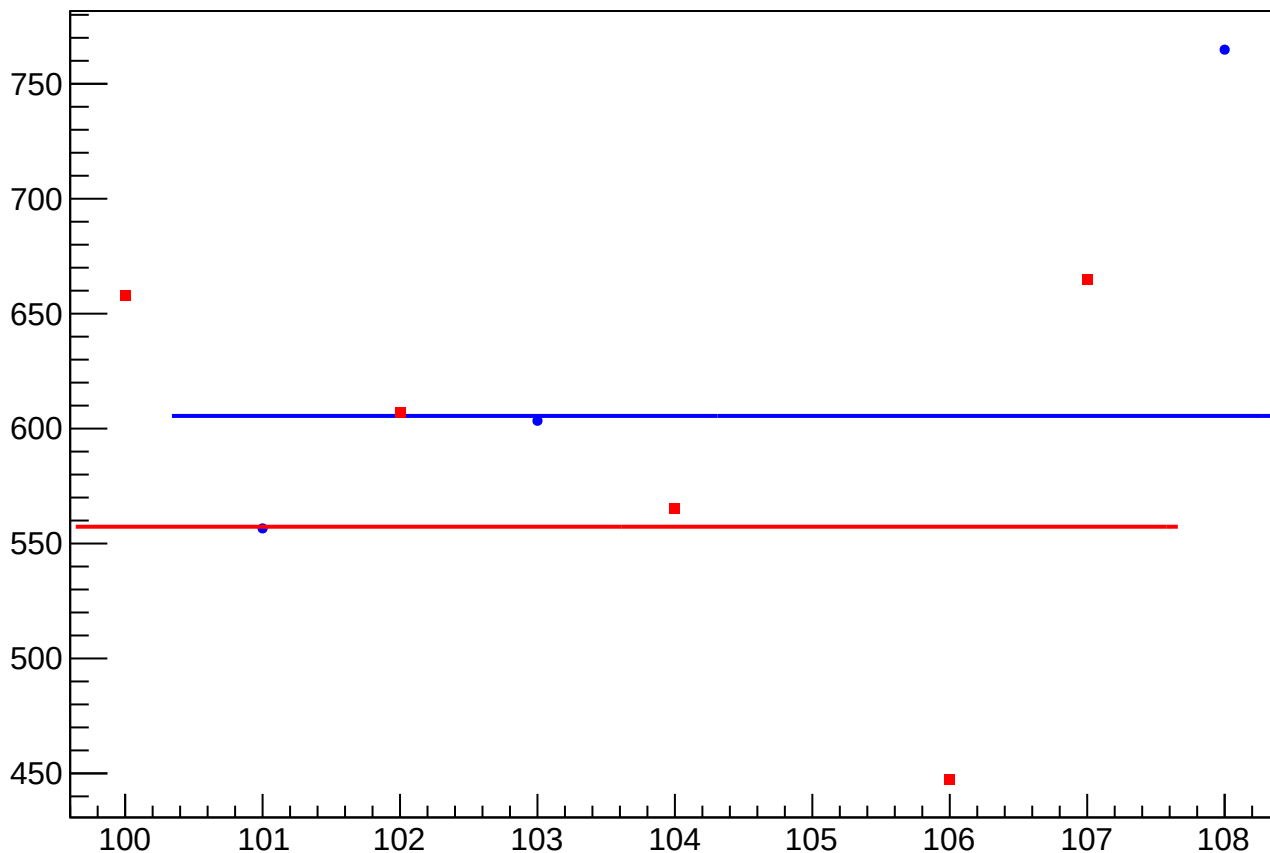
Right: -464.232+/-314.429 χ^2/NDF : 15.3/7

In: 264.701+/-475.036 χ^2/NDF : 5.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -464.232+/-314.429 χ^2/NDF : 15.3/7

asym_sam_15_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 605.509+/-0.336 χ^2/NDF : 44125.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 557.314+/-0.297 χ^2/NDF : 63485.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

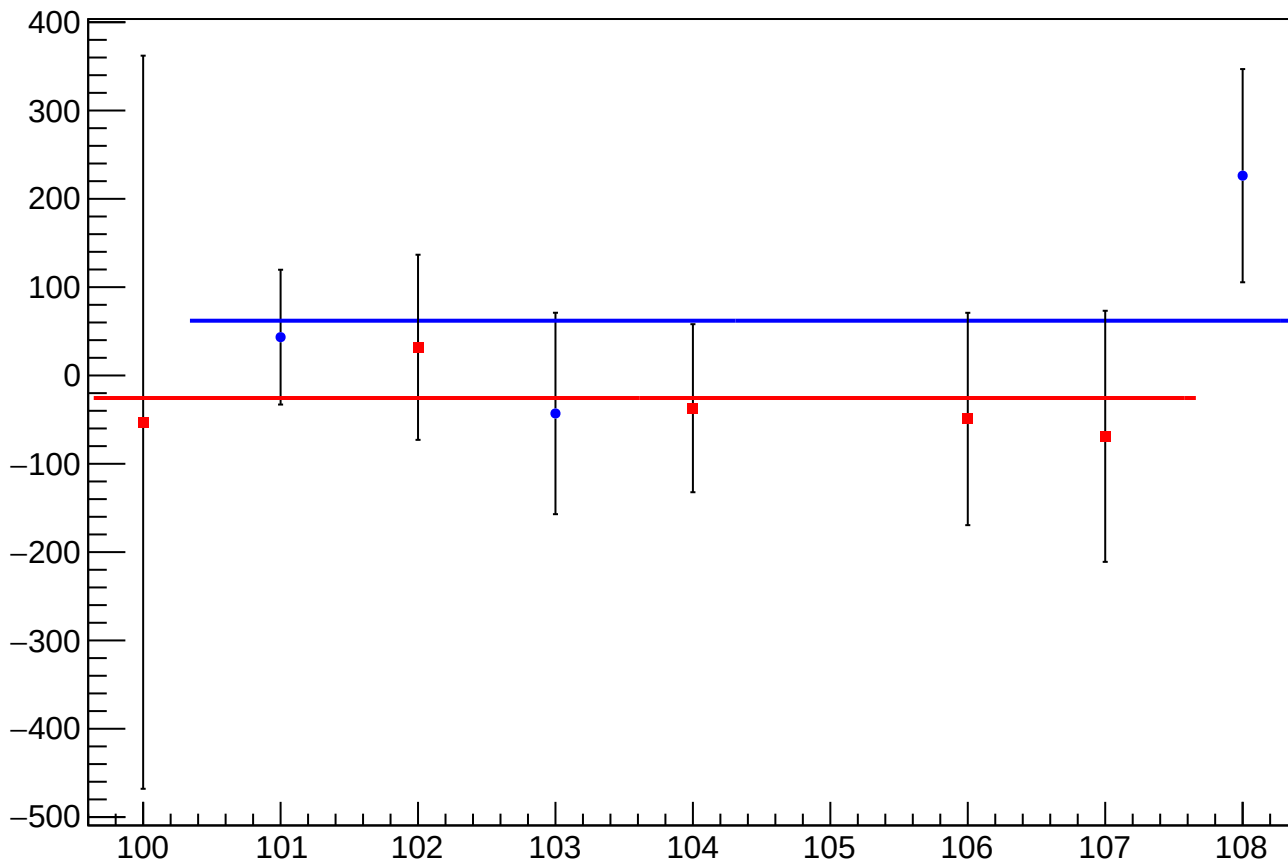
Right: 578.429+/-0.222 χ^2/NDF : 119178.7/7

In: 605.509+/-0.336 χ^2/NDF : 44125.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 578.429+/-0.222 χ^2/NDF : 119178.7/7

cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 62.011+/-56.149 χ^2/NDF : 2.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.501+/-55.383 χ^2/NDF : 0.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

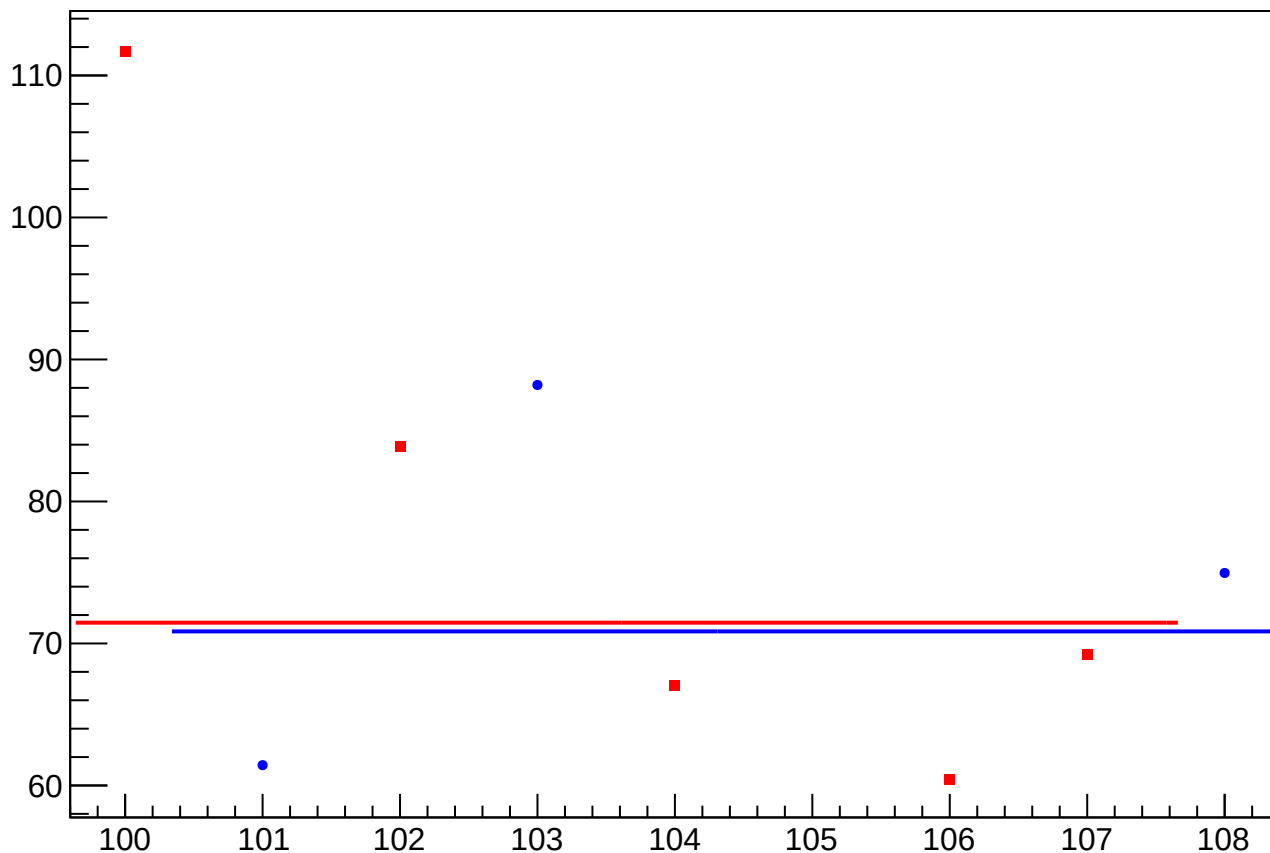
Right: 17.654+/-39.430 χ^2/NDF : 4.4/7

In: 62.011+/-56.149 χ^2/NDF : 2.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.654+/-39.430 χ^2/NDF : 4.4/7

cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 70.849 $\pm$ 0.040 χ^2 /NDF: 79102.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 71.465 $\pm$ 0.039 χ^2 /NDF: 68518.4/4

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

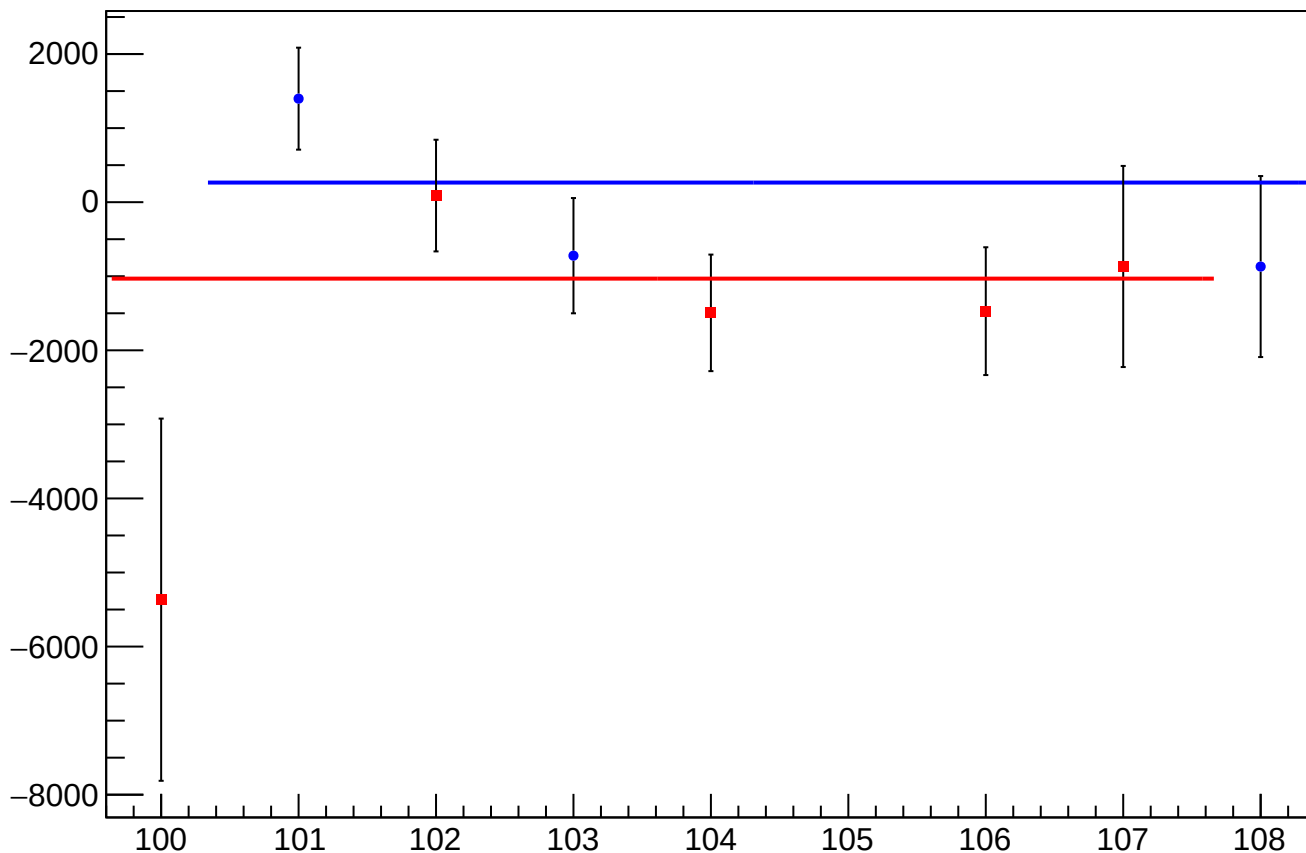
Right: 71.161 $\pm$ 0.028 χ^2 /NDF: 147742.8/7

In: 70.849 $\pm$ 0.040 χ^2 /NDF: 79102.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 71.161 $\pm$ 0.028 χ^2 /NDF: 147742.8/7

asym_sam_15_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 264.847+/-475.049 χ^2/NDF : 5.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1032.105+/-429.211 χ^2/NDF : 6.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

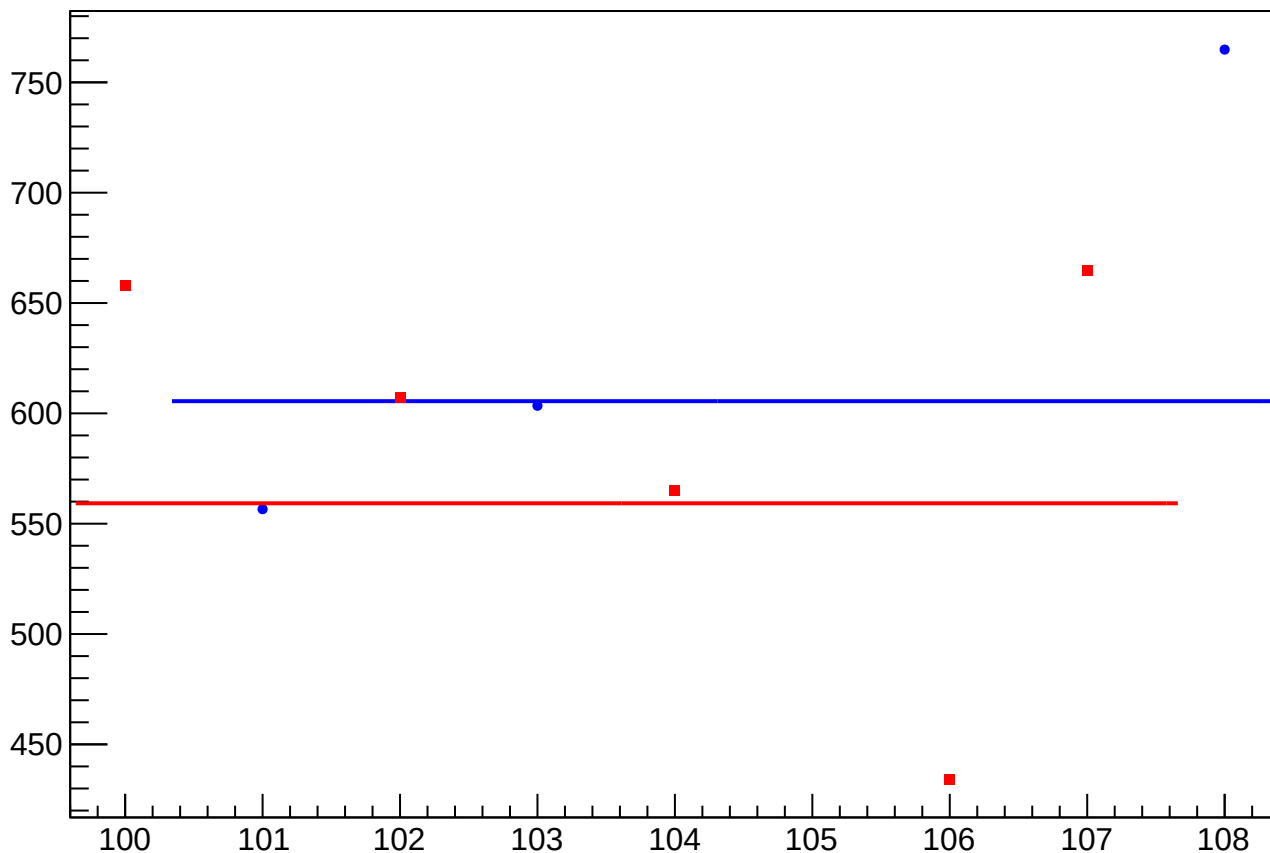
Right: -449.205+/-318.474 χ^2/NDF : 15.3/7

In: 264.847+/-475.049 χ^2/NDF : 5.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -449.205+/-318.474 χ^2/NDF : 15.3/7

asym_sam_15_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 605.527+/-0.336 χ^2/NDF : 44125.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 559.248+/-0.303 χ^2/NDF : 65697.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

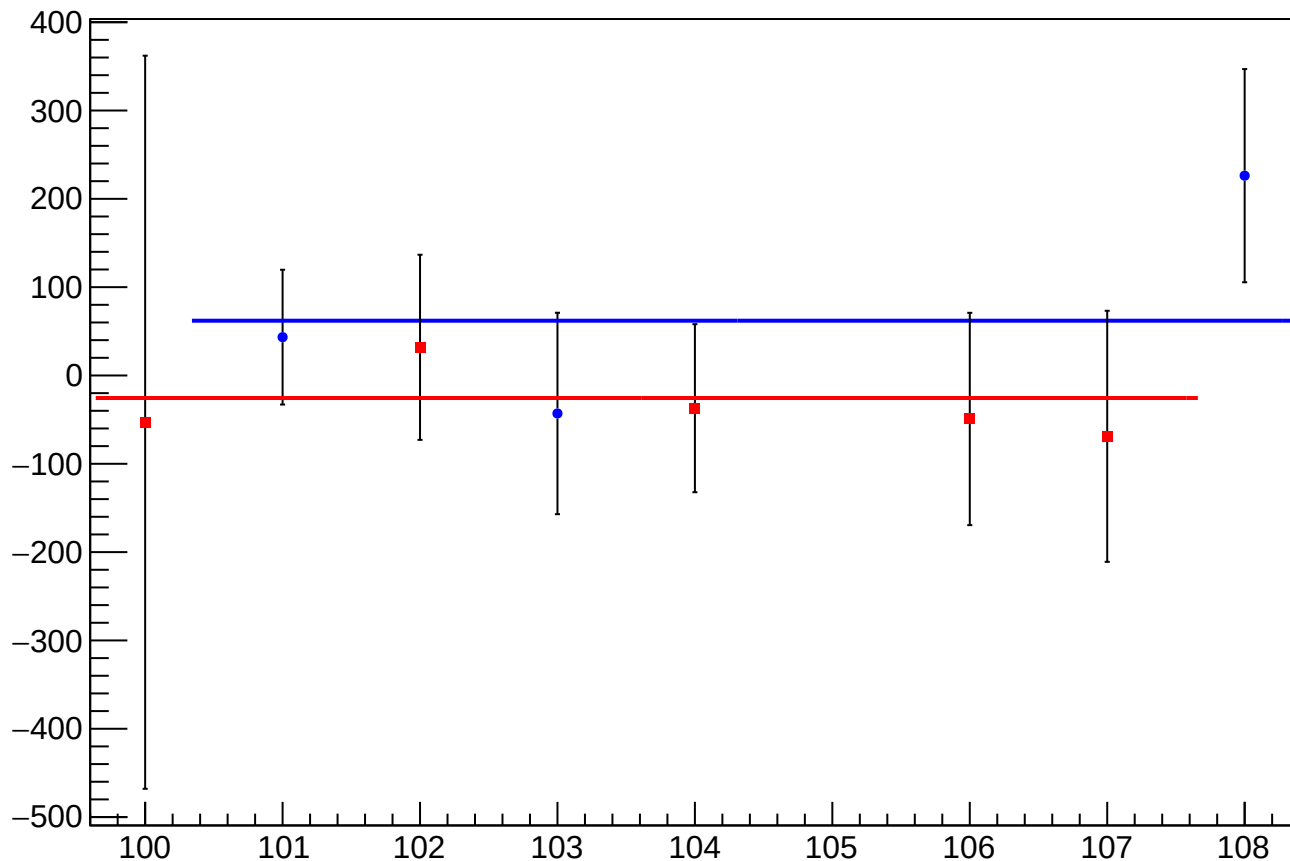
Right: 580.048+/-0.225 χ^2/NDF : 120272.8/7

In: 605.527+/-0.336 χ^2/NDF : 44125.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 580.048+/-0.225 χ^2/NDF : 120272.8/7

eigen_cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 62.011+/-56.149 χ^2/NDF : 2.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.501+/-55.383 χ^2/NDF : 0.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

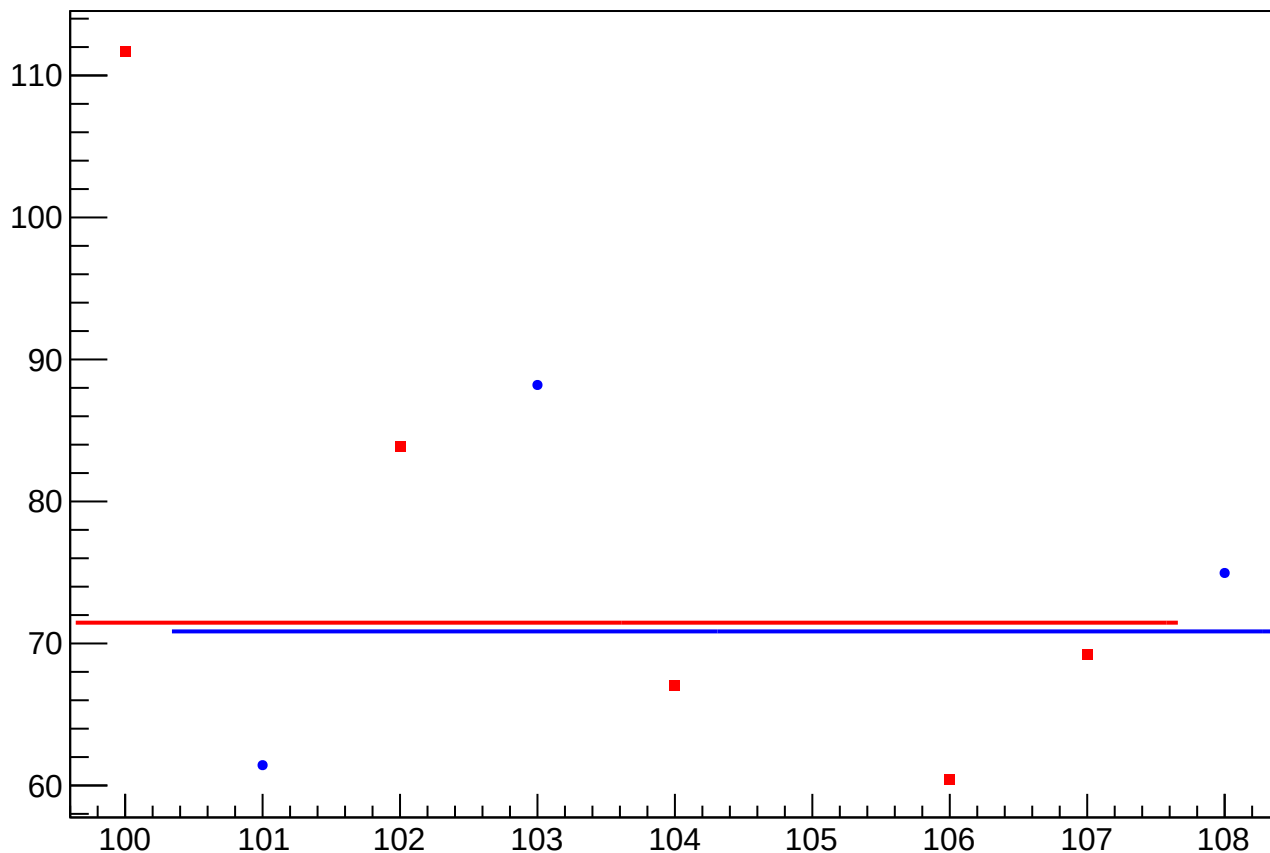
Right: 17.654+/-39.430 χ^2/NDF : 4.4/7

In: 62.011+/-56.149 χ^2/NDF : 2.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.654+/-39.430 χ^2/NDF : 4.4/7

eigen_cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 70.849 $\pm$ 0.040 χ^2 /NDF: 79102.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 71.465 $\pm$ 0.039 χ^2 /NDF: 68518.4/4

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

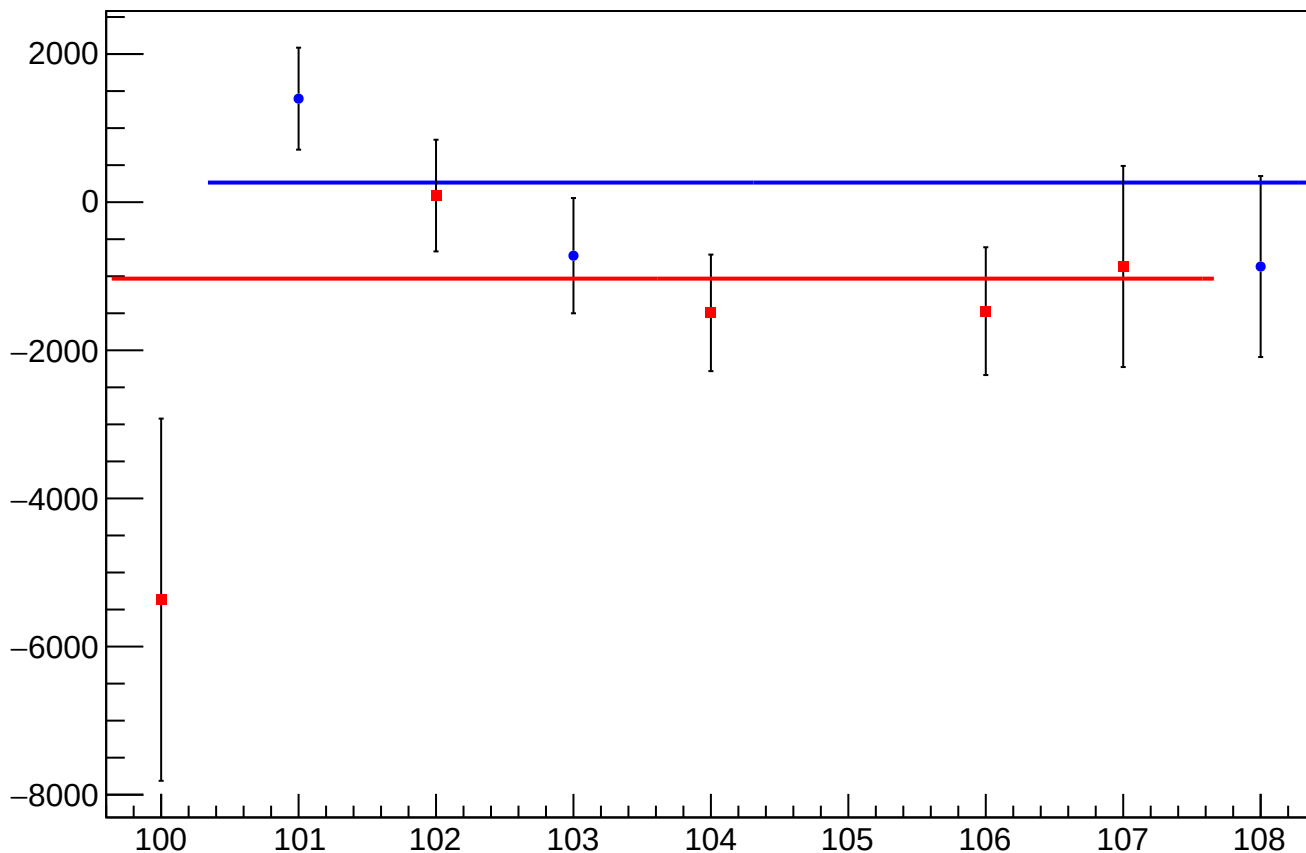
Right: 71.161 $\pm$ 0.028 χ^2 /NDF: 147742.8/7

In: 70.849 $\pm$ 0.040 χ^2 /NDF: 79102.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 71.161 $\pm$ 0.028 χ^2 /NDF: 147742.8/7

asym_sam_15_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 264.847+/-475.049 χ^2/NDF : 5.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1032.105+/-429.211 χ^2/NDF : 6.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

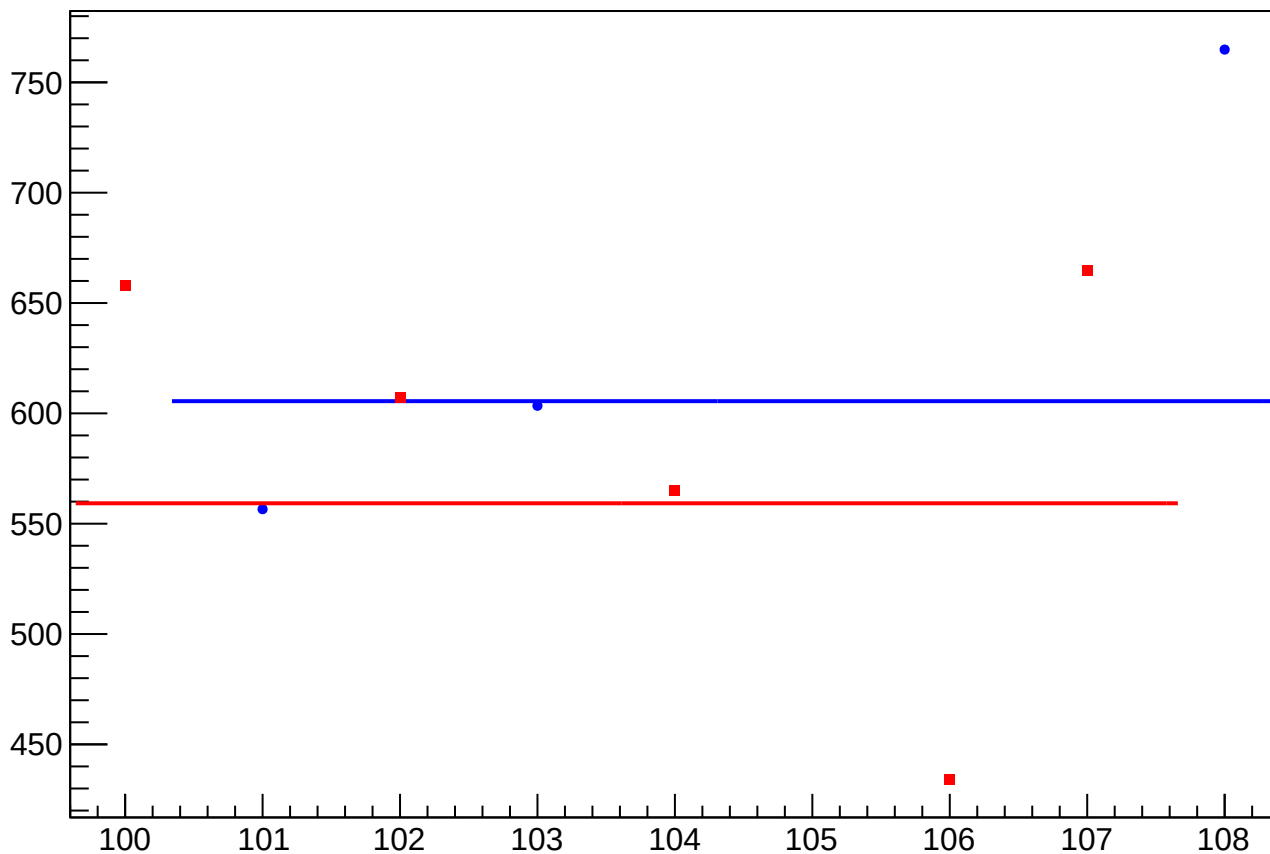
Right: -449.205+/-318.474 χ^2/NDF : 15.3/7

In: 264.847+/-475.049 χ^2/NDF : 5.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -449.205+/-318.474 χ^2/NDF : 15.3/7

asym_sam_15_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 605.527+/-0.336 χ^2/NDF : 44125.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 559.248+/-0.303 χ^2/NDF : 65697.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

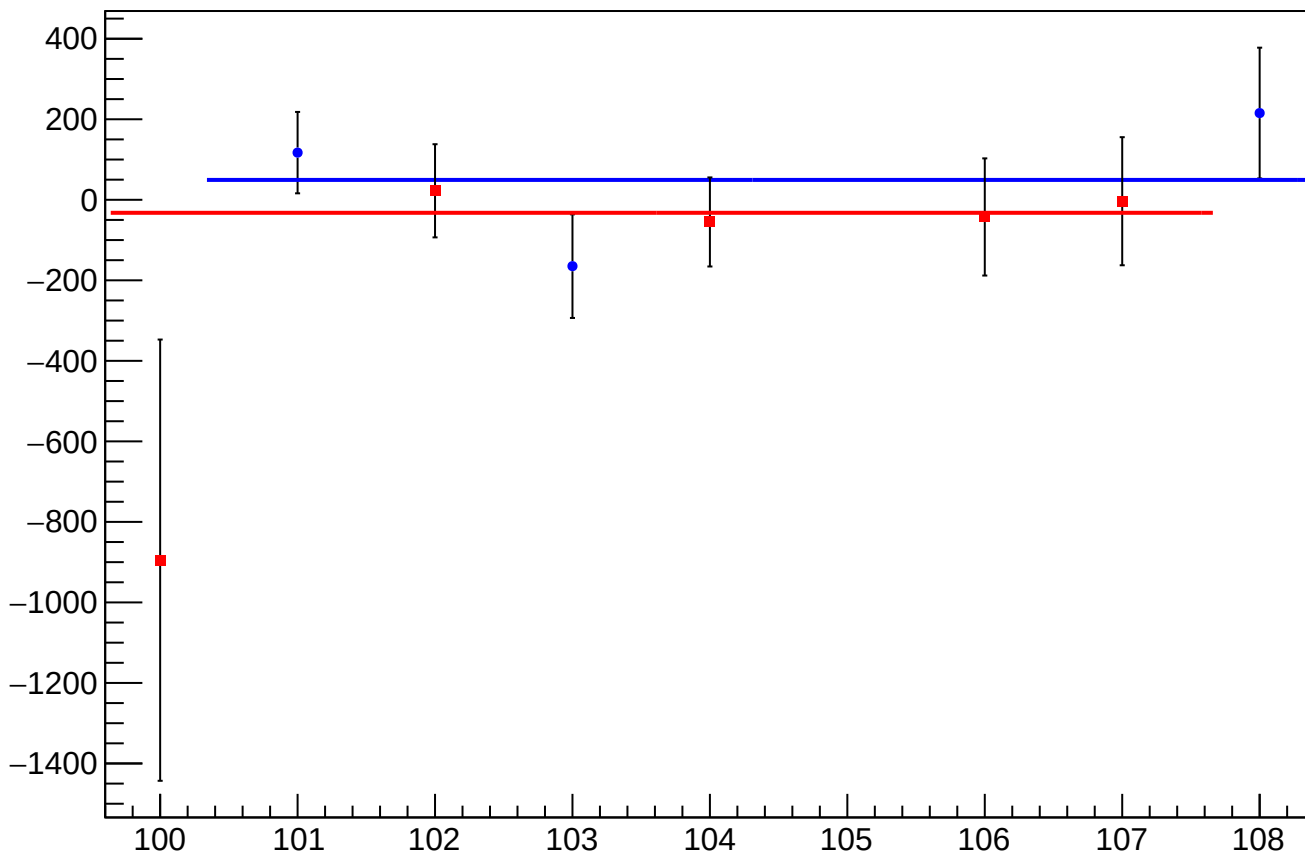
Right: 580.048+/-0.225 χ^2/NDF : 120272.8/7

In: 605.527+/-0.336 χ^2/NDF : 44125.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 580.048+/-0.225 χ^2/NDF : 120272.8/7

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 49.372+/-71.402 χ^2/NDF : 4.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -32.294+/-63.689 χ^2/NDF : 2.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

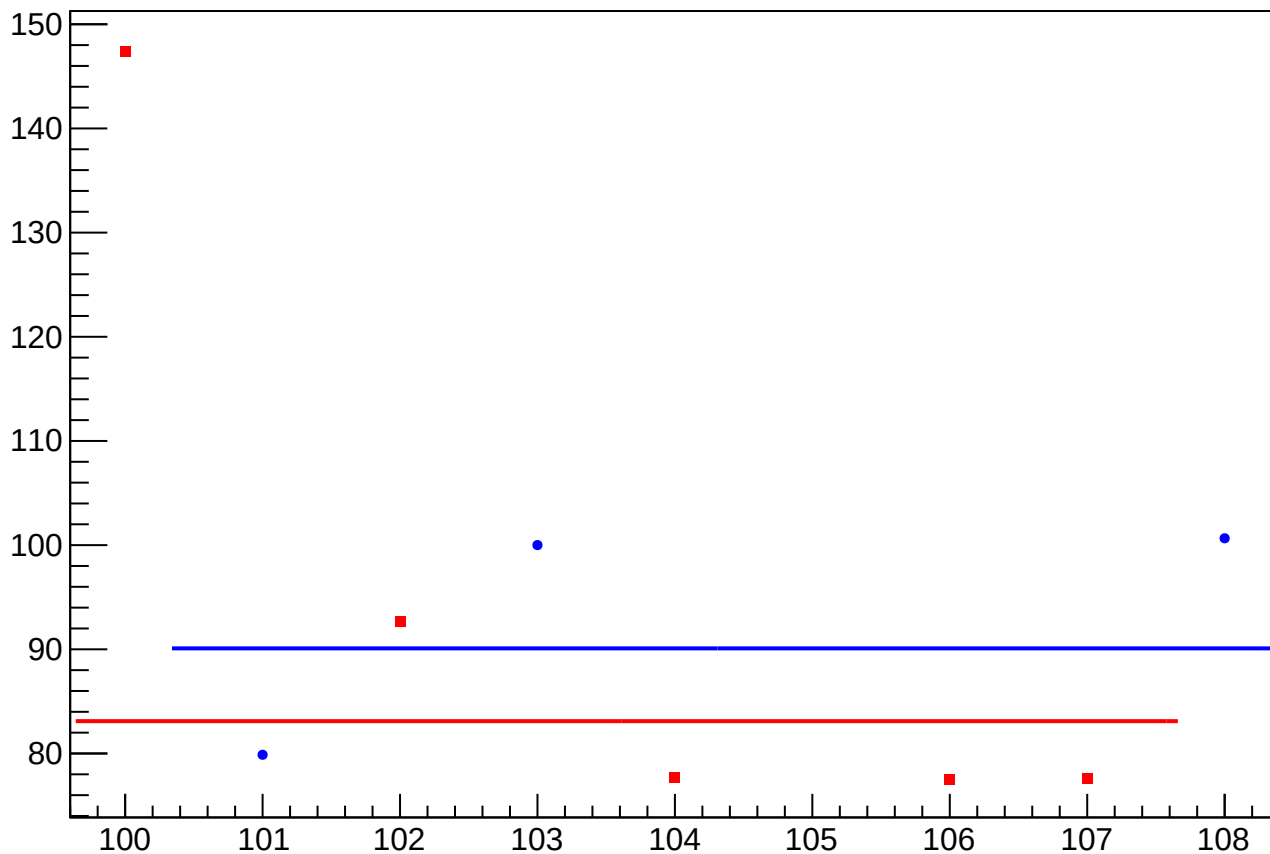
Right: 3.891+/-47.529 χ^2/NDF : 7.8/7

In: 49.372+/-71.402 χ^2/NDF : 4.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.891+/-47.529 χ^2/NDF : 7.8/7

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 90.089 ± 0.050 $\chi^2/\text{NDF}: 40752.5/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 83.105 ± 0.045 $\chi^2/\text{NDF}: 51421.1/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

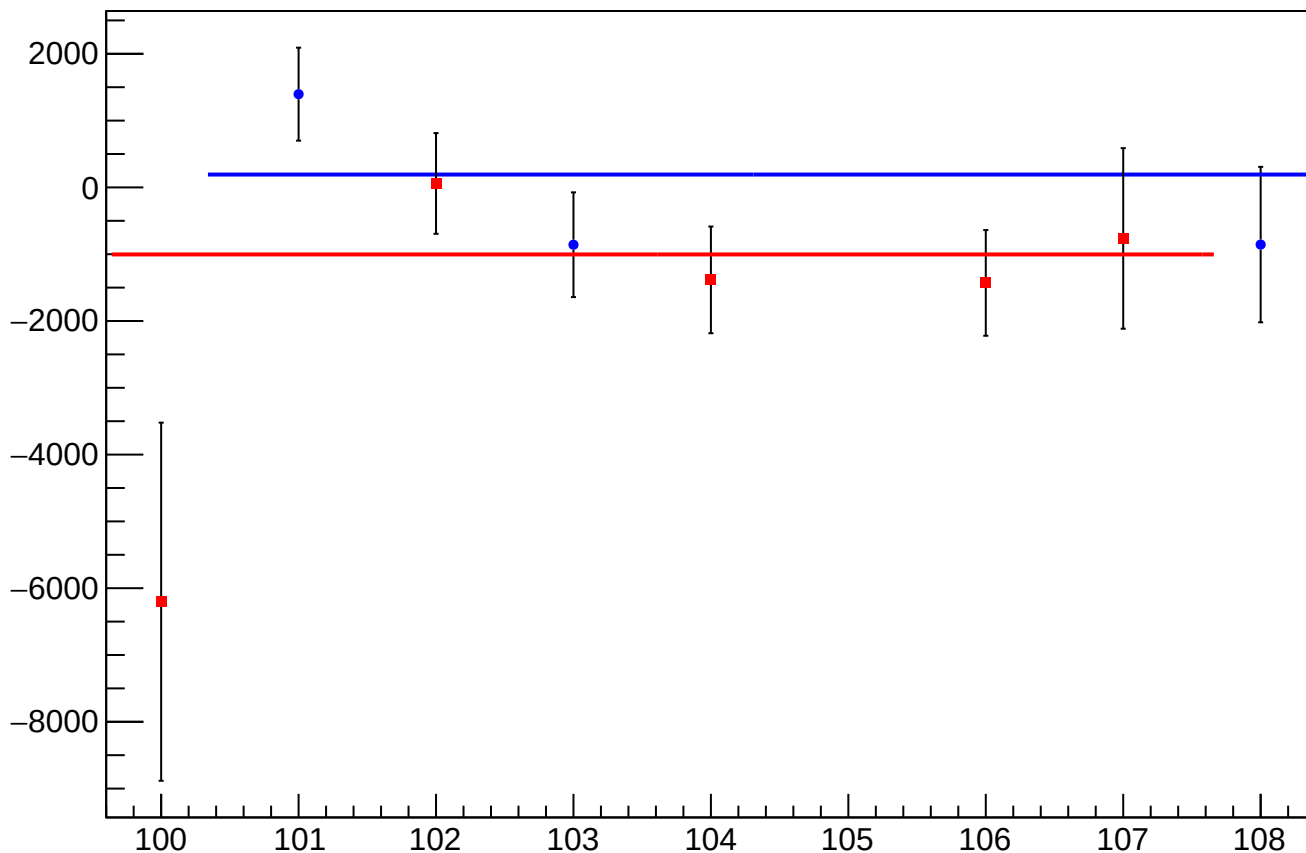
Right: 86.199 ± 0.034 $\chi^2/\text{NDF}: 102830.9/7$

In: 90.089 ± 0.050 $\chi^2/\text{NDF}: 40752.5/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 86.199 ± 0.034 $\chi^2/\text{NDF}: 102830.9/7$

asym_sam_15_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 192.558+/-475.090 χ^2 /NDF: 5.6/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1003.490+/-422.182 χ^2 /NDF: 6.3/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

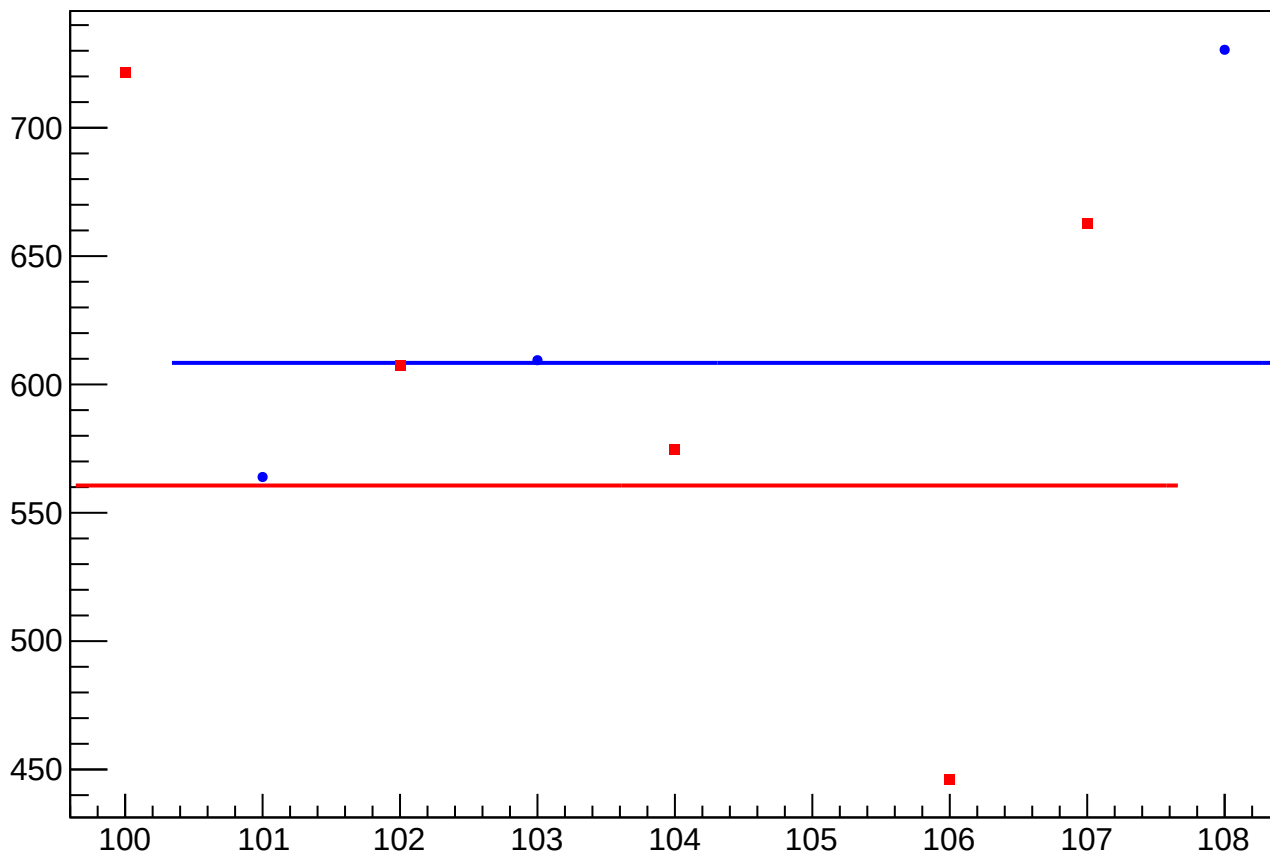
Right: -475.746+/-315.582 χ^2 /NDF: 15.4/7

In: 192.558+/-475.090 χ^2 /NDF:5.6/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -475.746+/-315.582 χ^2 /NDF: 15.4/7

asym_sam_15_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 608.405+/-0.336 χ^2/NDF : 30140.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 560.631+/-0.299 χ^2/NDF : 68774.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

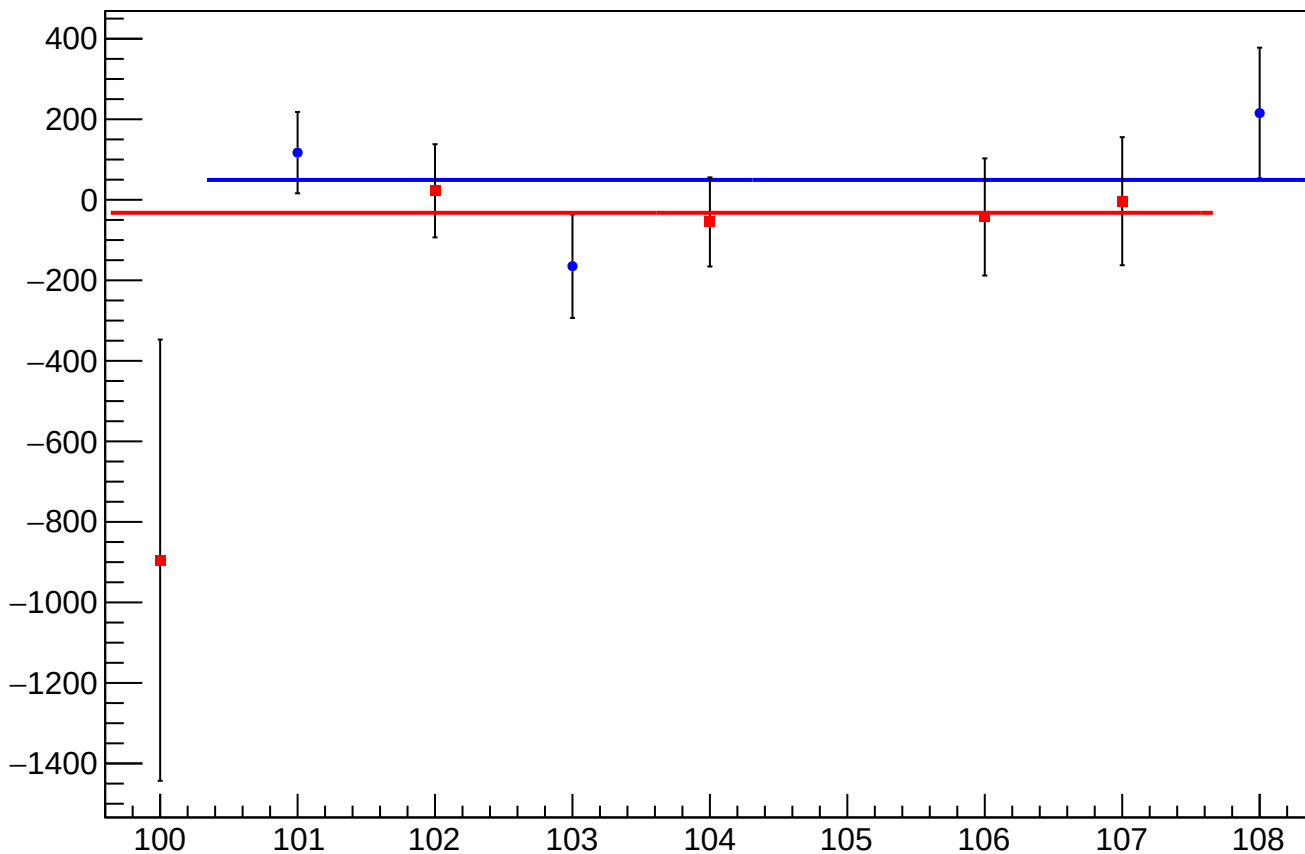
Right: 581.711+/-0.223 χ^2/NDF : 110215.3/7

In: 608.405+/-0.336 χ^2/NDF : 30140.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 581.711+/-0.223 χ^2/NDF : 110215.3/7

eigen_dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 49.371+/-71.403 χ^2/NDF : 4.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -32.294+/-63.689 χ^2/NDF : 2.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

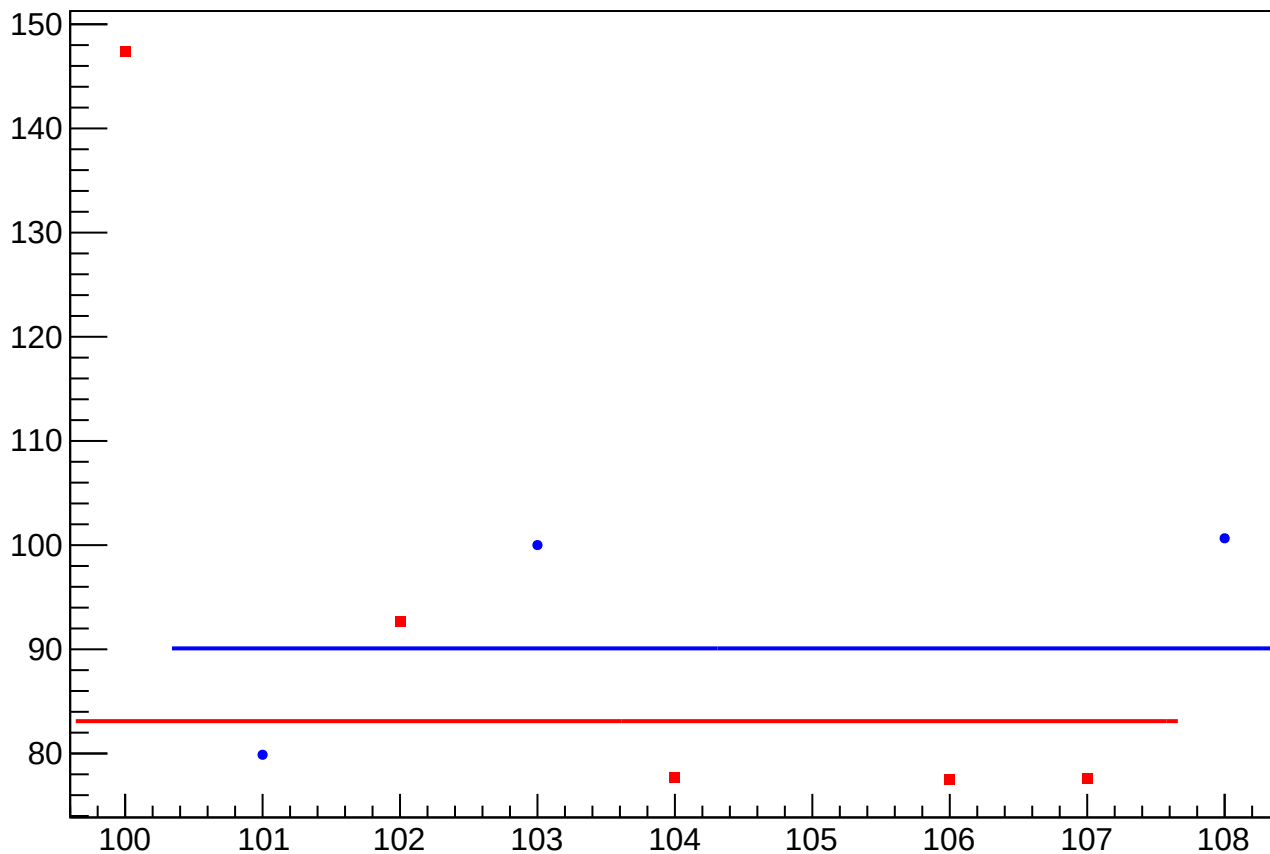
Right: 3.891+/-47.529 χ^2/NDF : 7.8/7

In: 49.371+/-71.403 χ^2/NDF : 4.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.891+/-47.529 χ^2/NDF : 7.8/7

eigen_dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 90.089 ± 0.050 $\chi^2/\text{NDF}: 40752.6/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 83.105 ± 0.045 $\chi^2/\text{NDF}: 51420.6/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

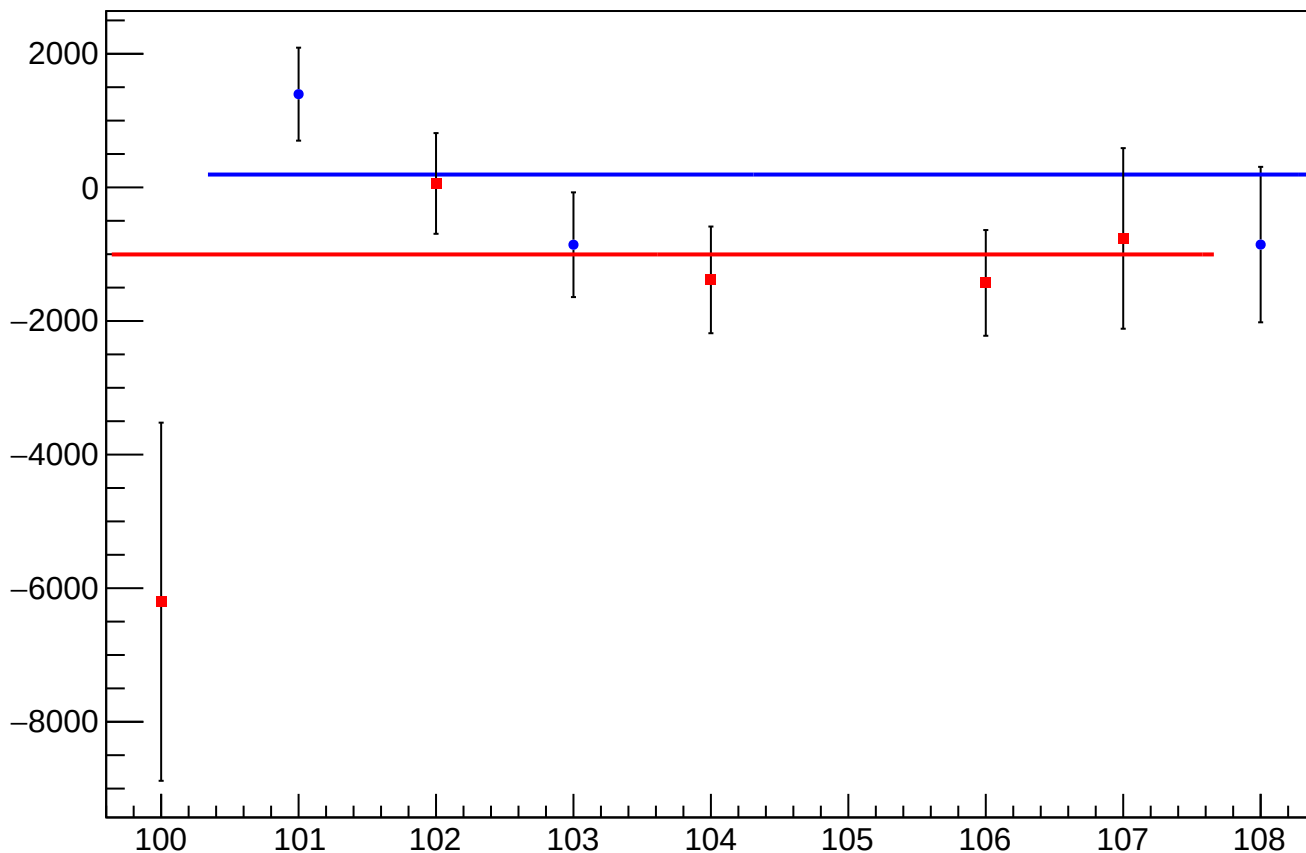
Right: 86.199 ± 0.034 $\chi^2/\text{NDF}: 102830.8/7$

In: 90.089 ± 0.050 $\chi^2/\text{NDF}: 40752.6/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 86.199 ± 0.034 $\chi^2/\text{NDF}: 102830.8/7$

asym_sam_15_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 192.558+/-475.089 χ^2 /NDF: 5.6/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1003.490+/-422.182 χ^2 /NDF: 6.3/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

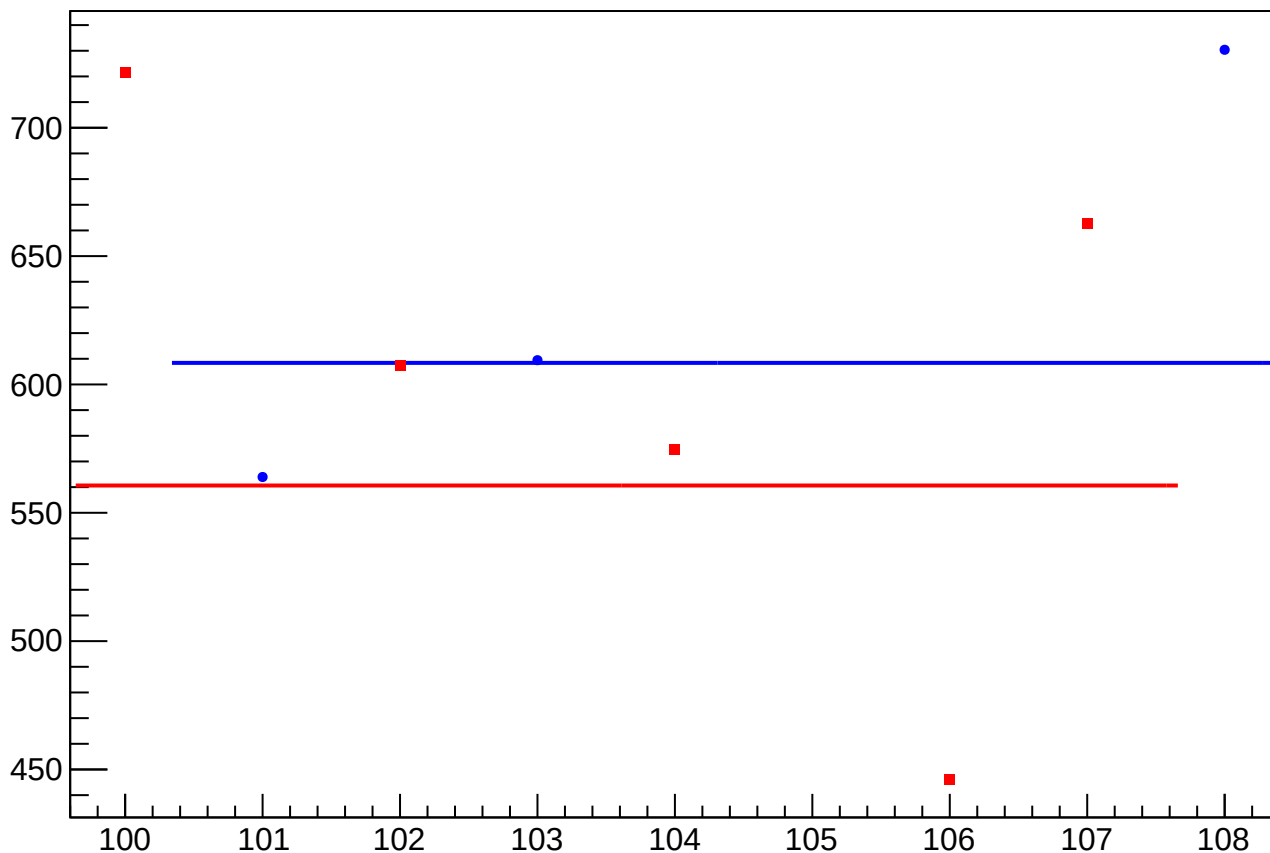
Right: -475.746+/-315.582 χ^2 /NDF: 15.4/7

In: 192.558+/-475.089 χ^2 /NDF:5.6/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -475.746+/-315.582 χ^2 /NDF: 15.4/7

asym_sam_15_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 608.404 $\pm$ 0.336 χ^2 /NDF: 30140.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 560.631 $\pm$ 0.299 χ^2 /NDF: 68775.3/4

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

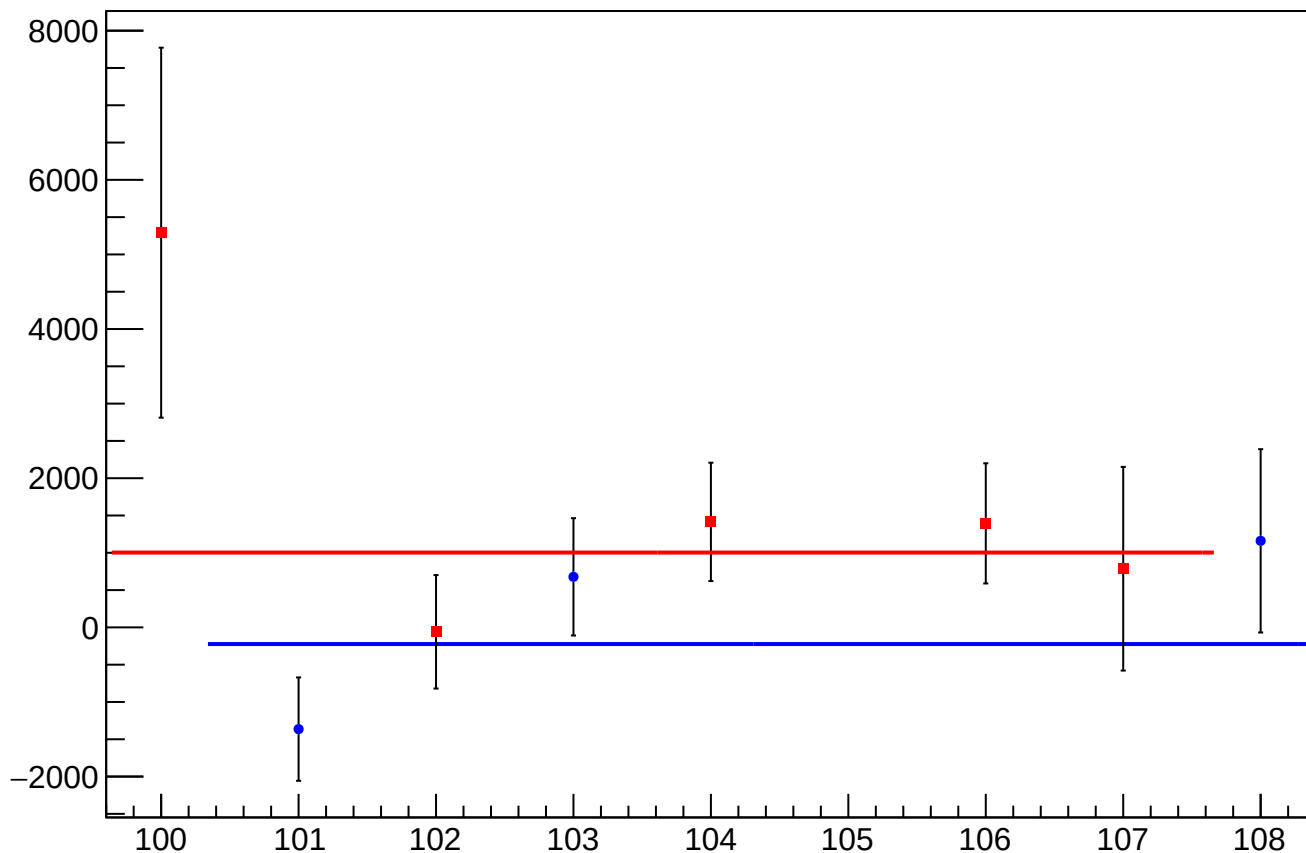
Right: 581.710 $\pm$ 0.223 χ^2 /NDF: 110215.9/7

In: 608.404 $\pm$ 0.336 χ^2 /NDF:30140.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 581.710 $\pm$ 0.223 χ^2 /NDF: 110215.9/7

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: -223.462+/-478.870 χ^2/NDF : 5.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1003.513+/-424.293 χ^2/NDF : 5.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

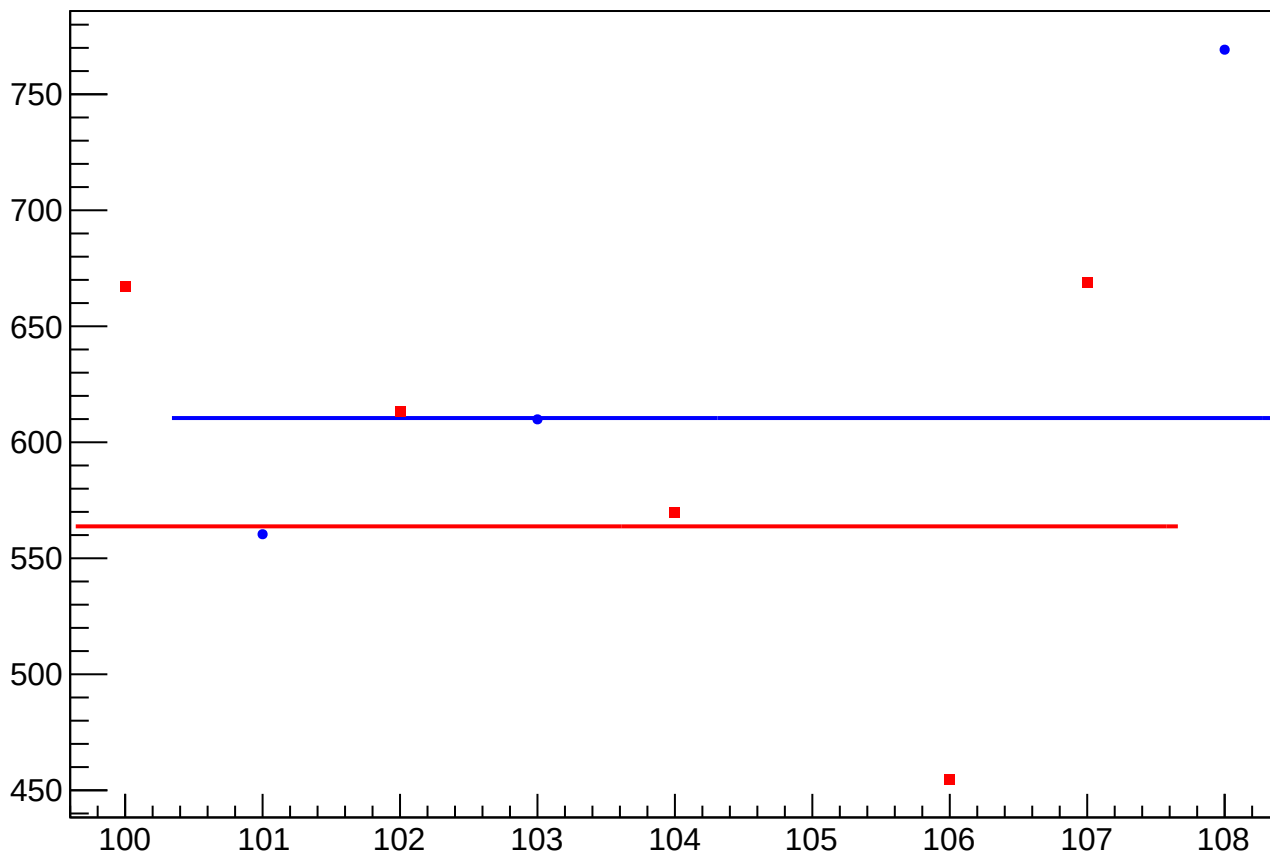
Right: 463.900+/-317.571 χ^2/NDF : 14.4/7

In: -223.462+/-478.870 χ^2/NDF : 5.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 463.900+/-317.571 χ^2/NDF : 14.4/7

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 610.447 $\pm$ 0.339 χ^2 /NDF: 43829.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 563.761 $\pm$ 0.300 χ^2 /NDF: 60476.8/4

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

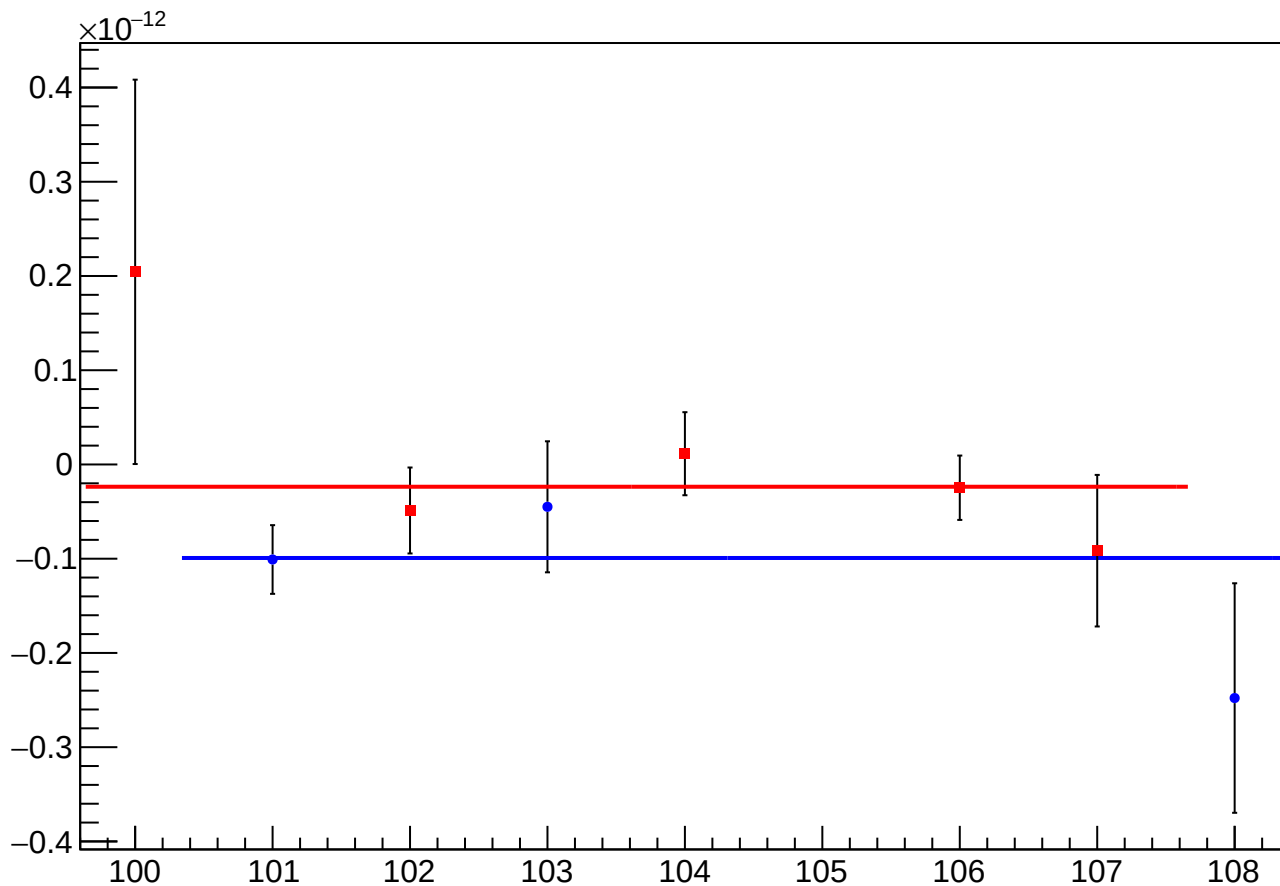
Right: 584.293 $\pm$ 0.225 χ^2 /NDF: 114955.5/7

In: 610.447 $\pm$ 0.339 χ^2 /NDF:43829.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 584.293 $\pm$ 0.225 χ^2 /NDF: 114955.5/7

asym_sam_15_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 2.1/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 2.9/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

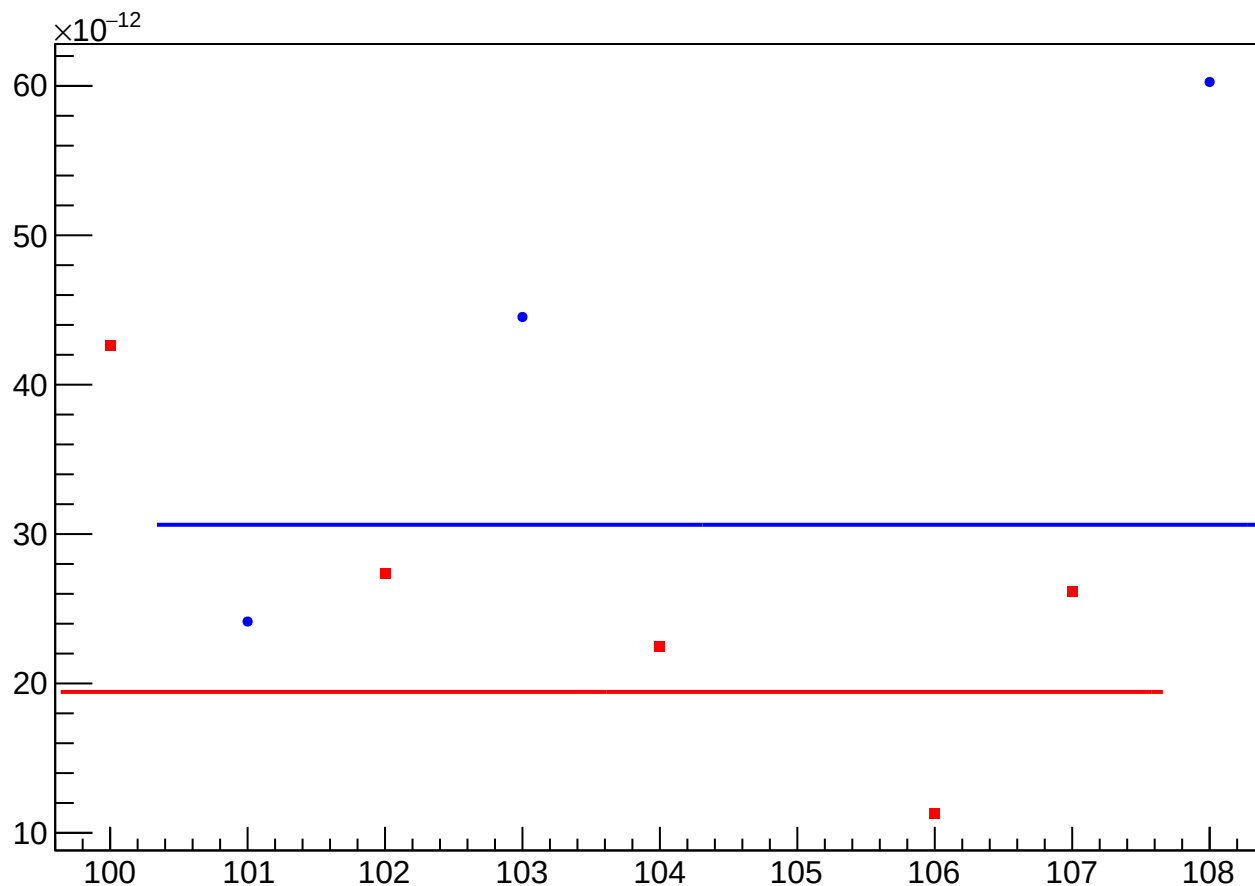
Right: -0.000+/-0.000 χ^2 /NDF: 8.9/7

In: -0.000+/-0.000 χ^2 /NDF:2.1/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 8.9/7

asym_sam_15_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 261739.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 223236.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

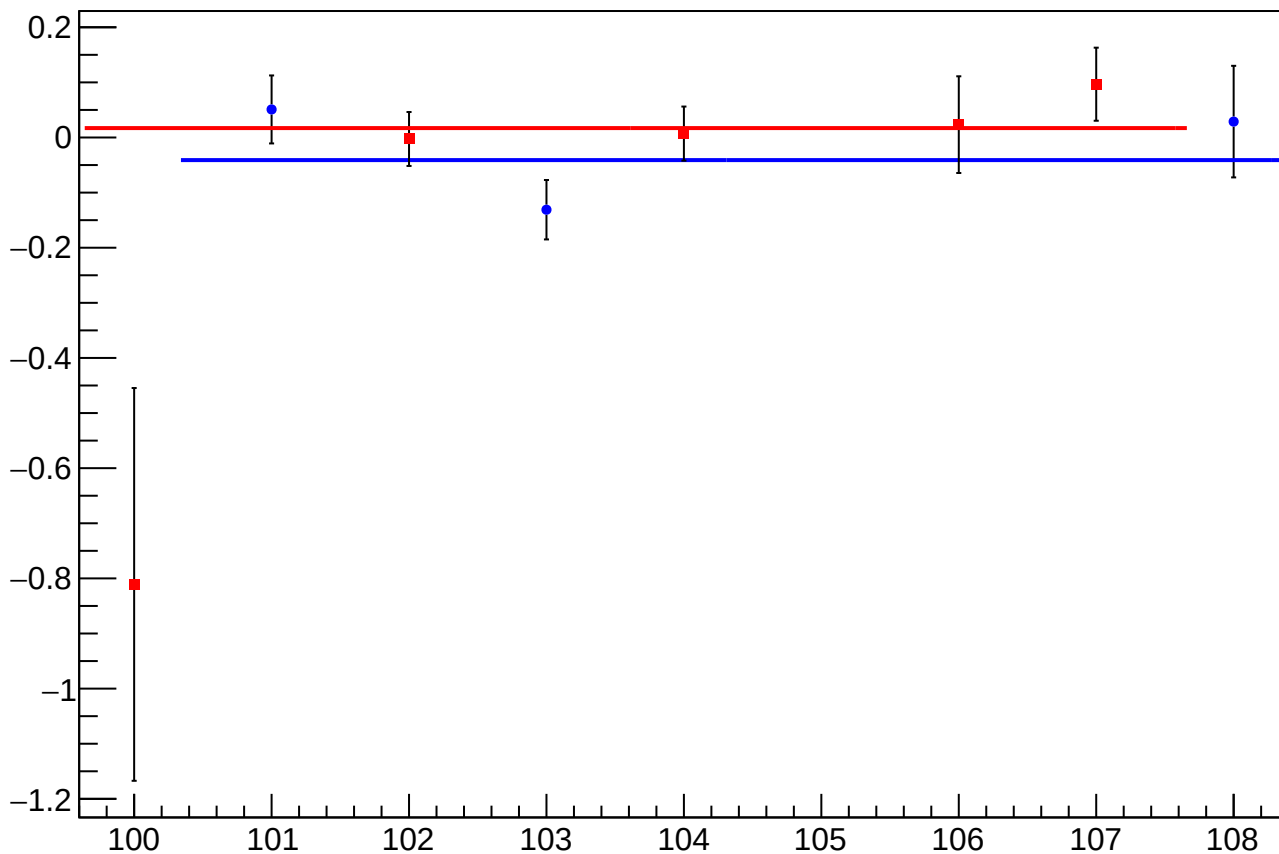
Right: 0.000+/-0.000 χ^2/NDF : 655802.1/7

In: 0.000+/-0.000 χ^2/NDF : 261739.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 655802.1/7

asym_sam_15_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.041 $\pm$ 0.038 χ^2 /NDF: 5.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.017 $\pm$ 0.029 χ^2 /NDF: 7.1/4

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

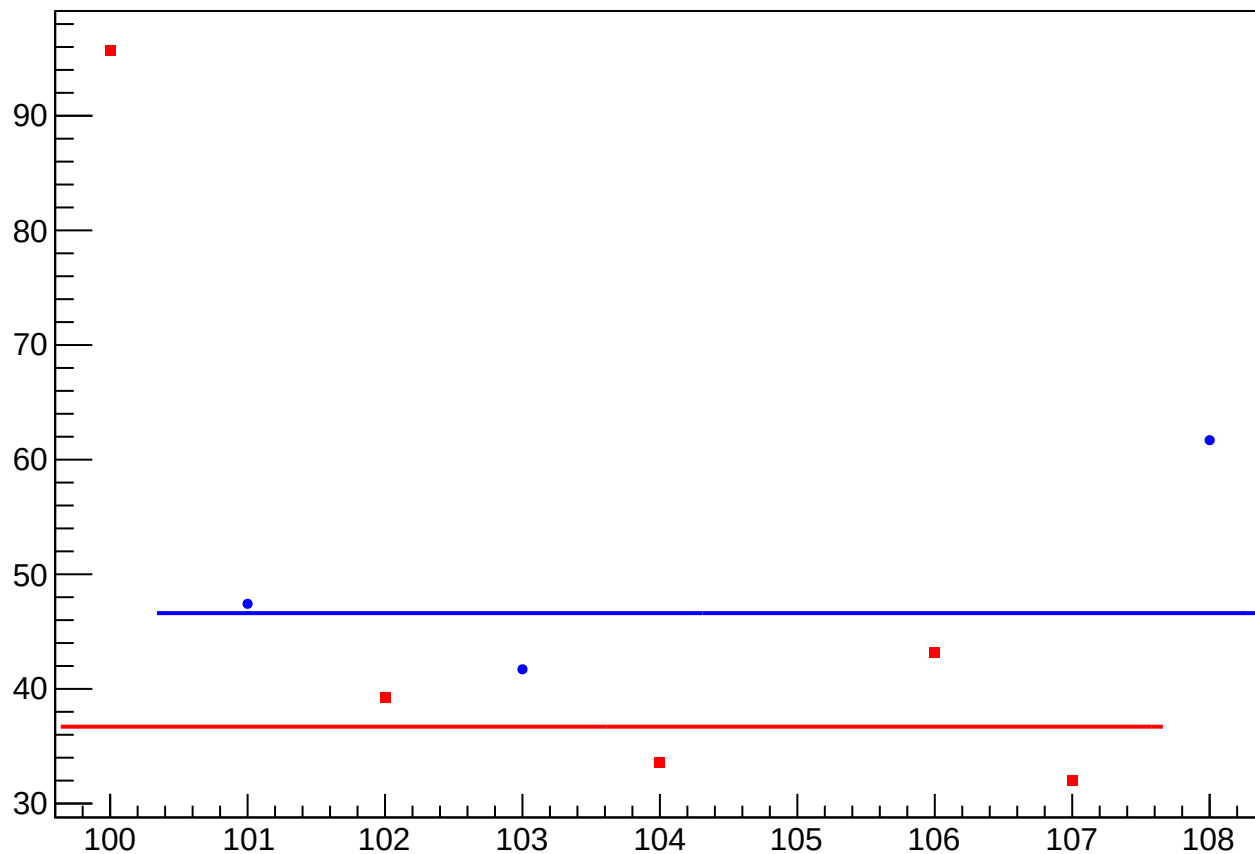
Right: -0.004 $\pm$ 0.023 χ^2 /NDF: 14.0/7

In: -0.041 $\pm$ 0.038 χ^2 /NDF: 5.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.004 $\pm$ 0.023 χ^2 /NDF: 14.0/7

asym_sam_15_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.610 $\pm$ 0.027 χ^2 /NDF: 61301.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 36.706 $\pm$ 0.020 χ^2 /NDF: 89493.6/4

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

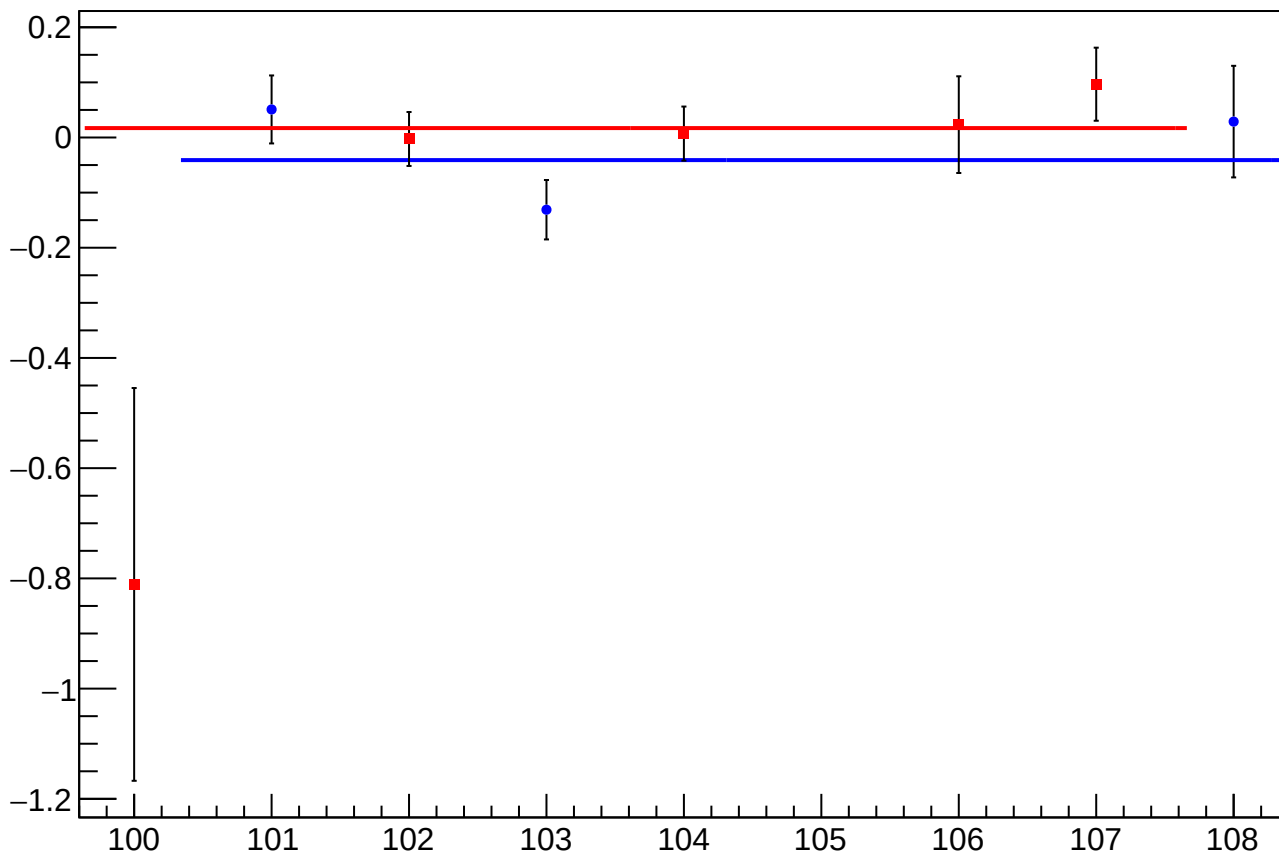
Right: 40.373 $\pm$ 0.016 χ^2 /NDF: 237835.7/7

In: 46.610 $\pm$ 0.027 χ^2 /NDF: 61301.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 40.373 $\pm$ 0.016 χ^2 /NDF: 237835.7/7

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.041 $\pm$ 0.038 χ^2 /NDF: 5.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.017 $\pm$ 0.029 χ^2 /NDF: 7.1/4

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

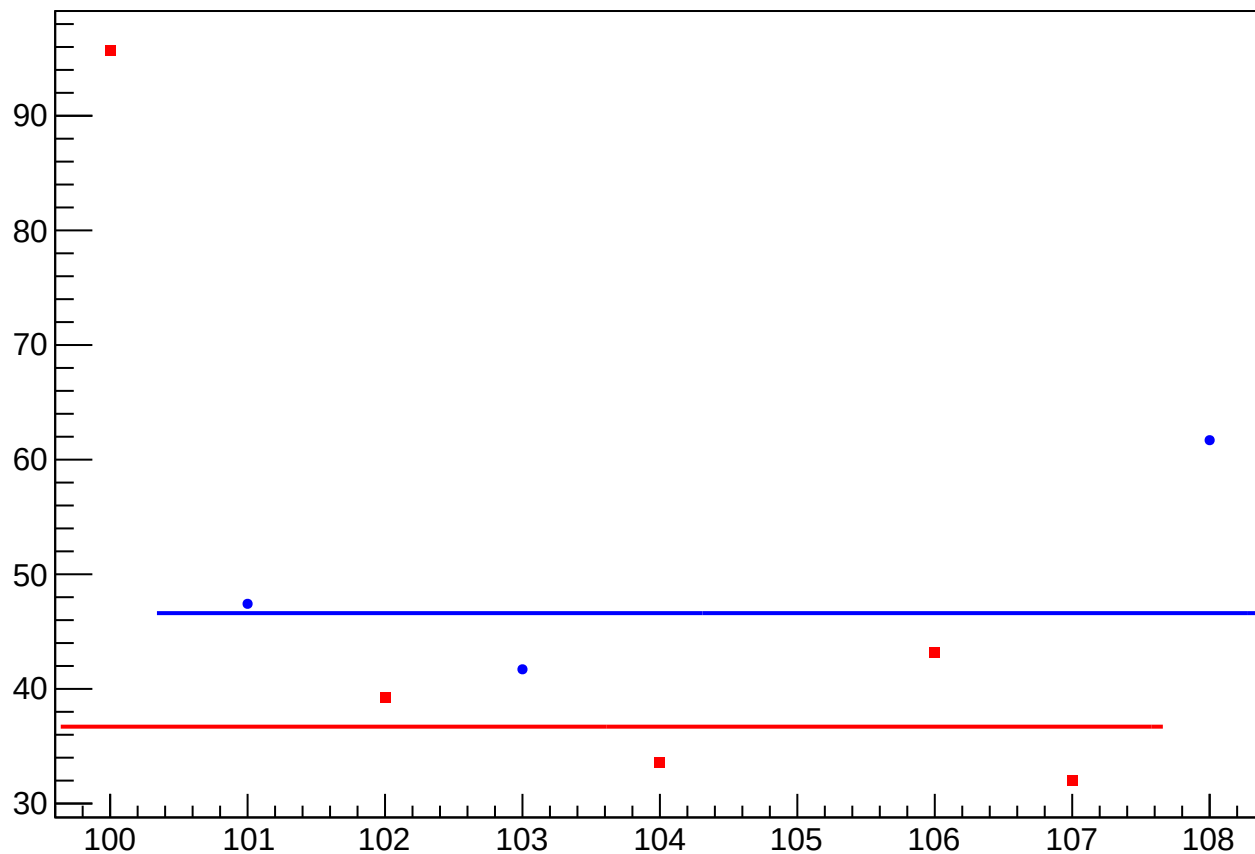
Right: -0.004 $\pm$ 0.023 χ^2 /NDF: 14.0/7

In: -0.041 $\pm$ 0.038 χ^2 /NDF: 5.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.004 $\pm$ 0.023 χ^2 /NDF: 14.0/7

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.610 $\pm$ 0.027 χ^2 /NDF: 61301.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 36.706 $\pm$ 0.020 χ^2 /NDF: 89493.6/4

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

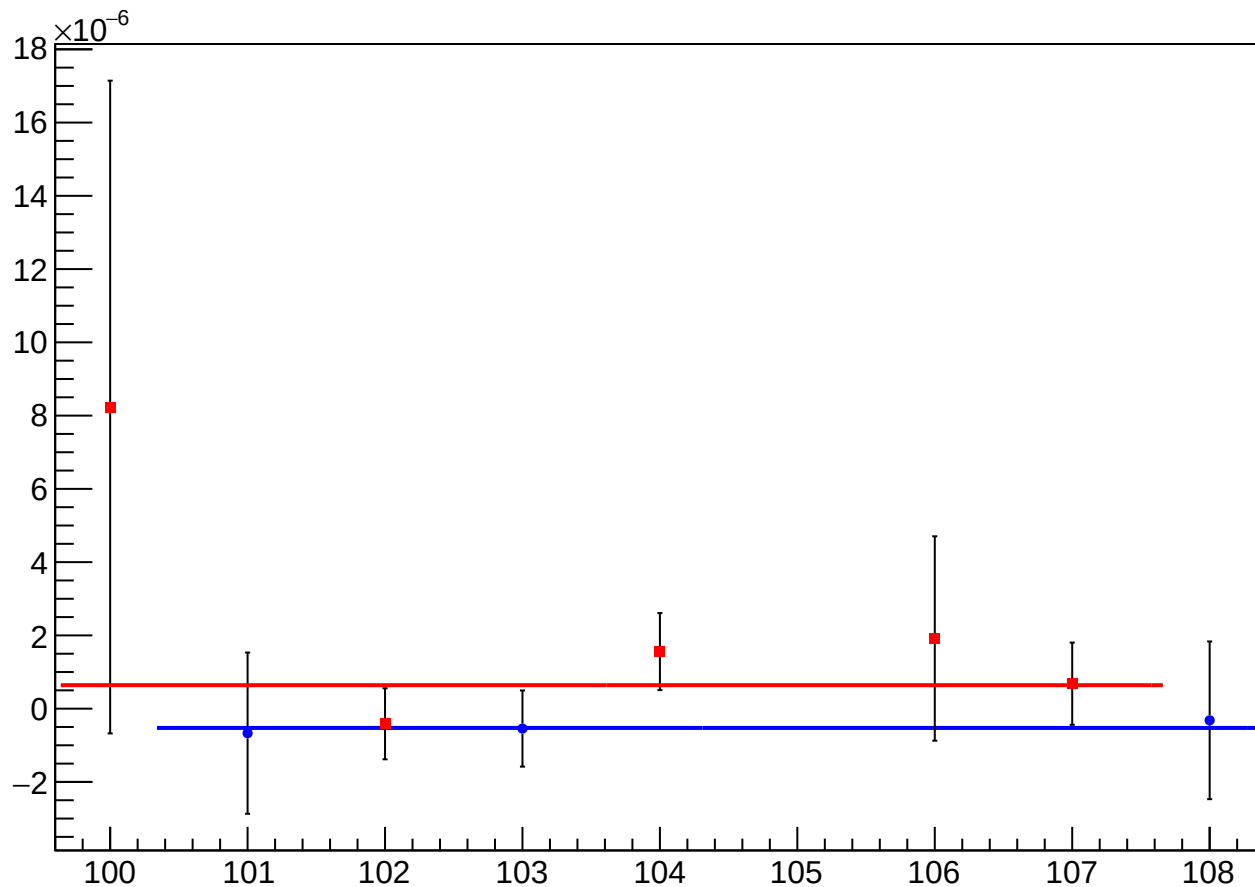
Right: 40.373 $\pm$ 0.016 χ^2 /NDF: 237835.7/7

In: 46.610 $\pm$ 0.027 χ^2 /NDF: 61301.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 40.373 $\pm$ 0.016 χ^2 /NDF: 237835.7/7

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

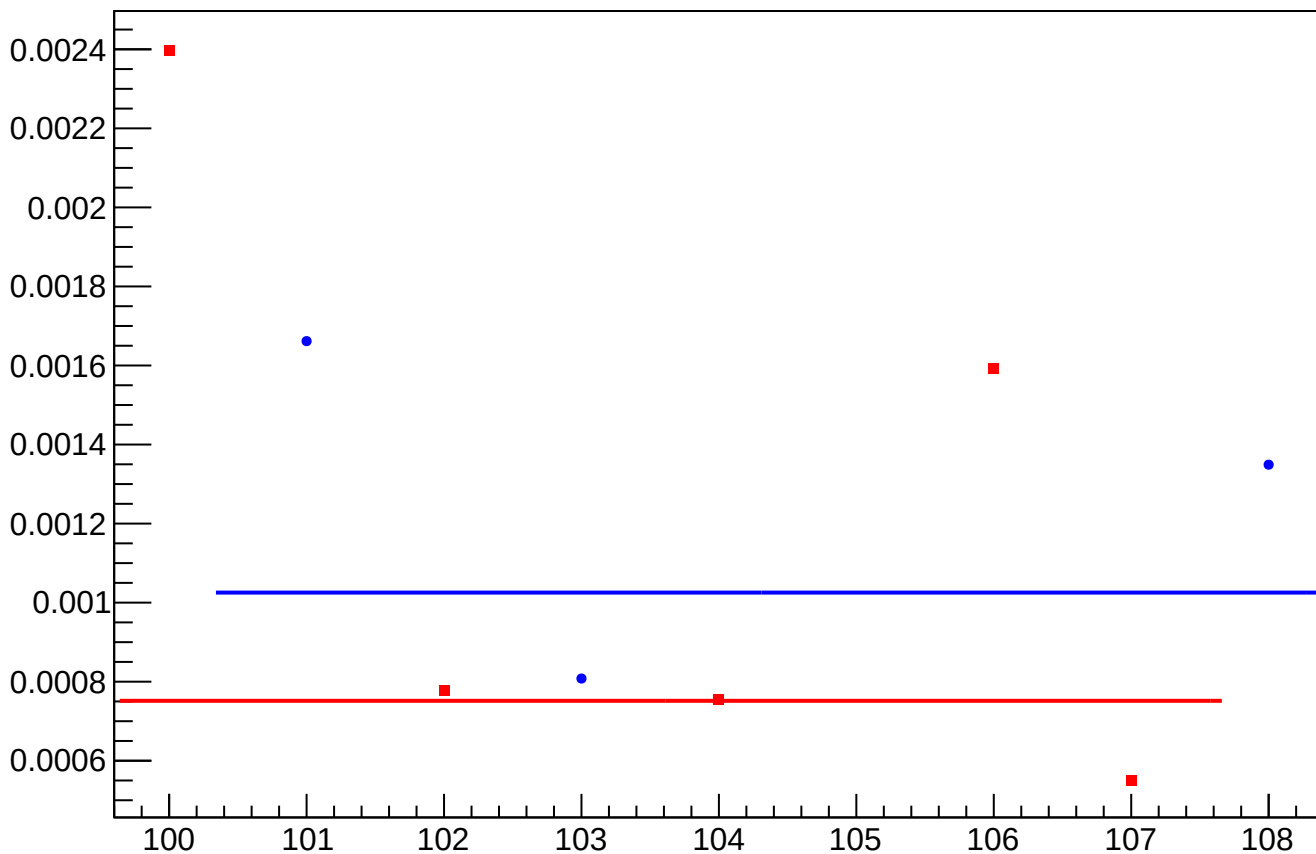
Right: 0.000+/-0.000 χ^2/NDF : 4.1/7

In: -0.000+/-0.000 χ^2/NDF : 0.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.1/7

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 299904.1/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 315685.9/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

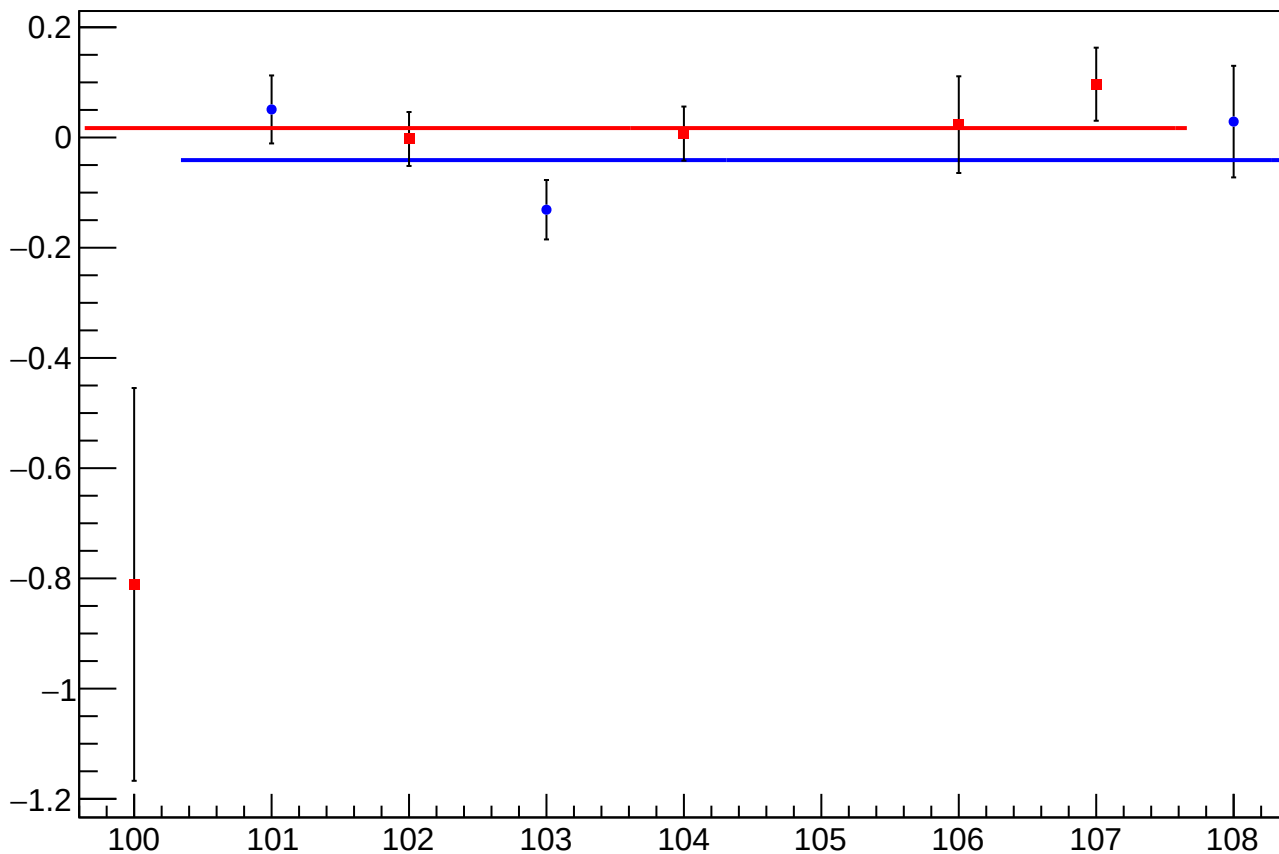
Right: 0.001+/-0.000 χ^2/NDF : 753632.5/7

In: 0.001+/-0.000 χ^2/NDF :299904.1/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 753632.5/7

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.041 $\pm$ 0.038 χ^2 /NDF: 5.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.017 $\pm$ 0.029 χ^2 /NDF: 7.1/4

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

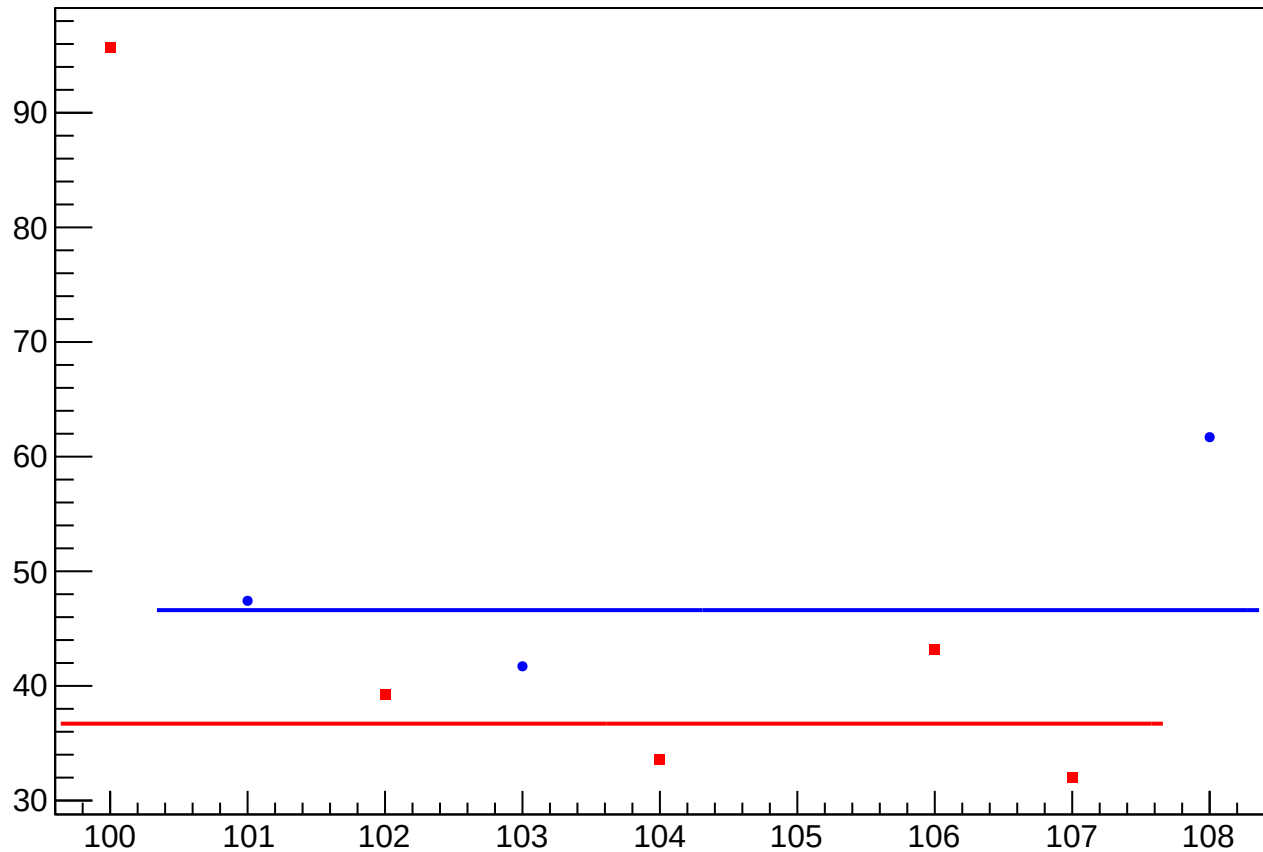
Right: -0.004 $\pm$ 0.023 χ^2 /NDF: 14.0/7

In: -0.041 $\pm$ 0.038 χ^2 /NDF: 5.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.004 $\pm$ 0.023 χ^2 /NDF: 14.0/7

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.610 $\pm$ 0.027 χ^2 /NDF: 61303.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 36.706 $\pm$ 0.020 χ^2 /NDF: 89493.4/4

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

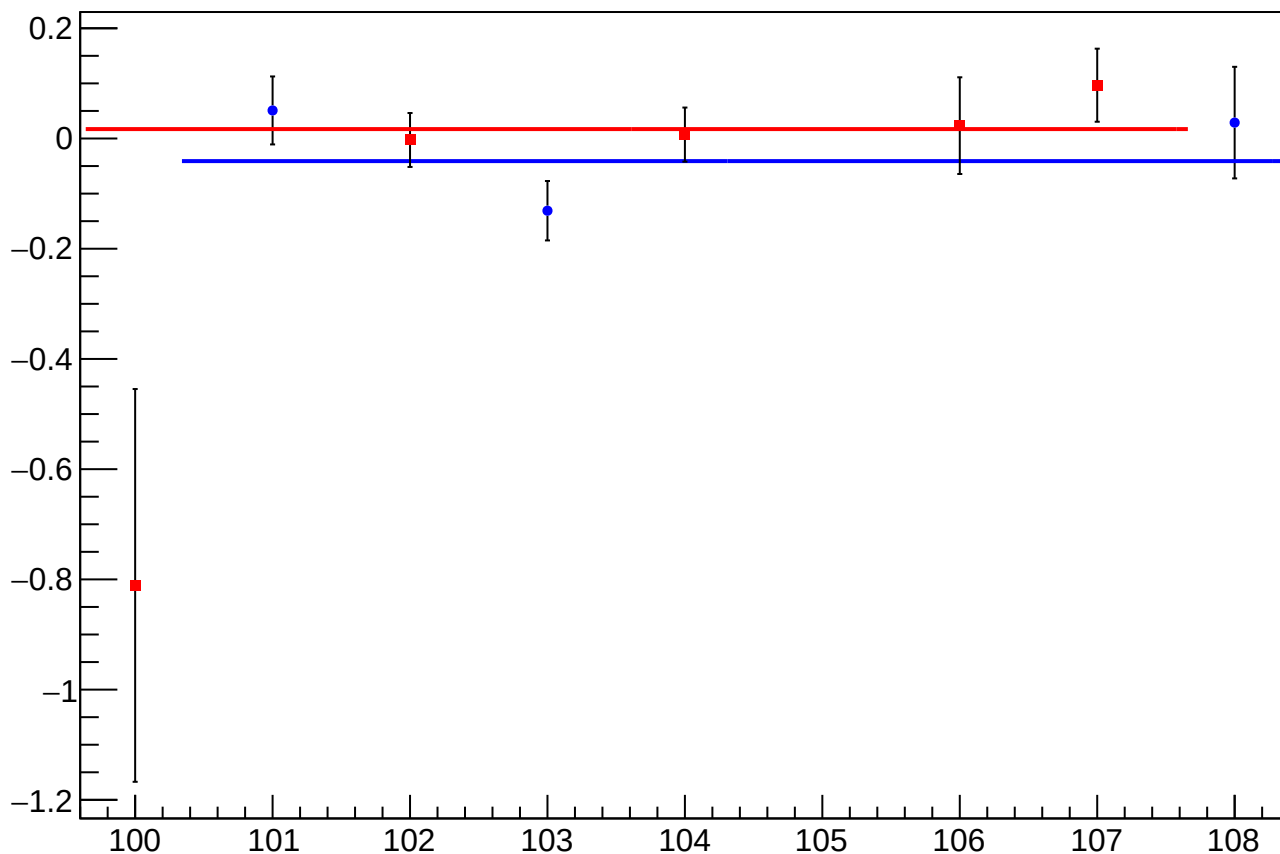
Right: 40.373 $\pm$ 0.016 χ^2 /NDF: 237838.0/7

In: 46.610 $\pm$ 0.027 χ^2 /NDF: 61303.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 40.373 $\pm$ 0.016 χ^2 /NDF: 237838.0/7

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.041 $\pm$ 0.038 χ^2 /NDF: 5.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.017 $\pm$ 0.029 χ^2 /NDF: 7.1/4

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

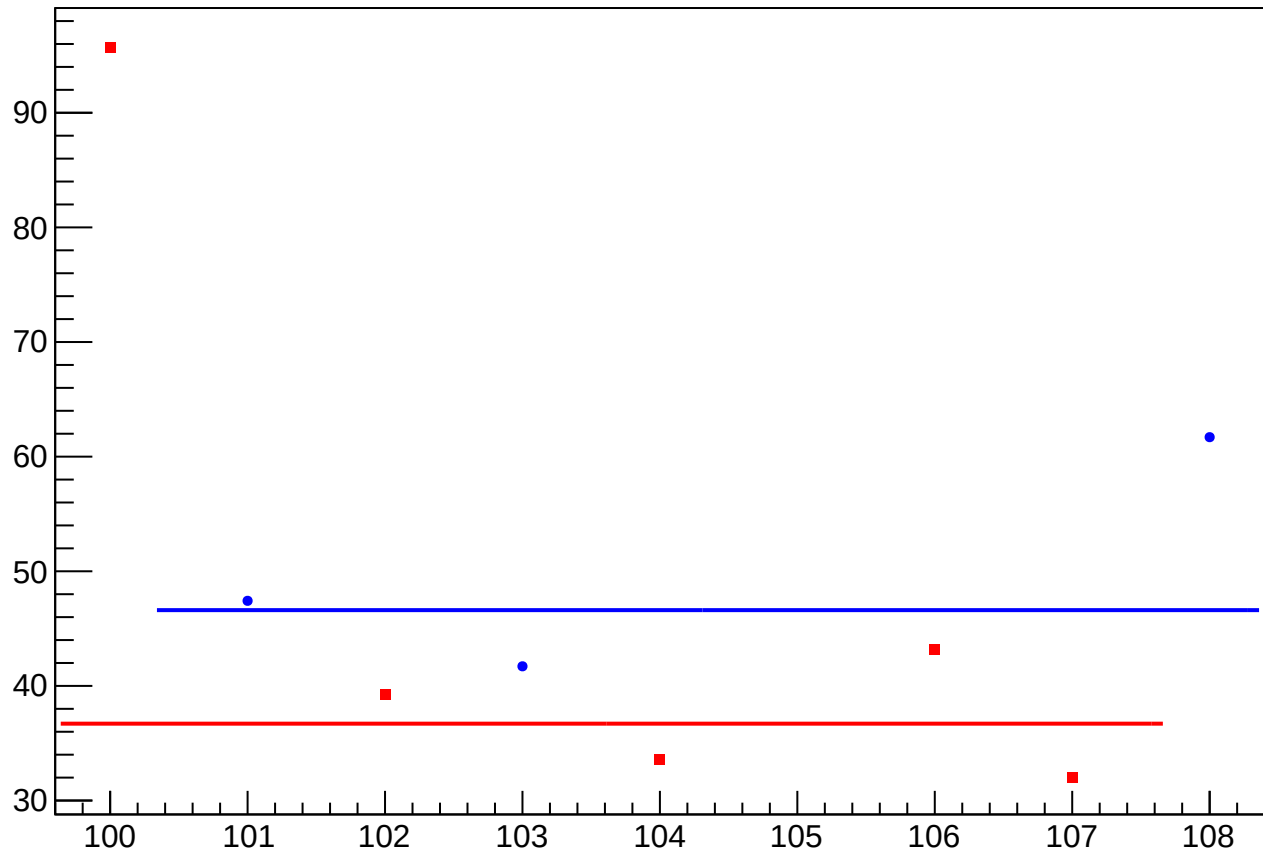
Right: -0.004 $\pm$ 0.023 χ^2 /NDF: 14.0/7

In: -0.041 $\pm$ 0.038 χ^2 /NDF: 5.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.004 $\pm$ 0.023 χ^2 /NDF: 14.0/7

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.610 $\pm$ 0.027 χ^2 /NDF: 61303.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 36.706 $\pm$ 0.020 χ^2 /NDF: 89493.4/4

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

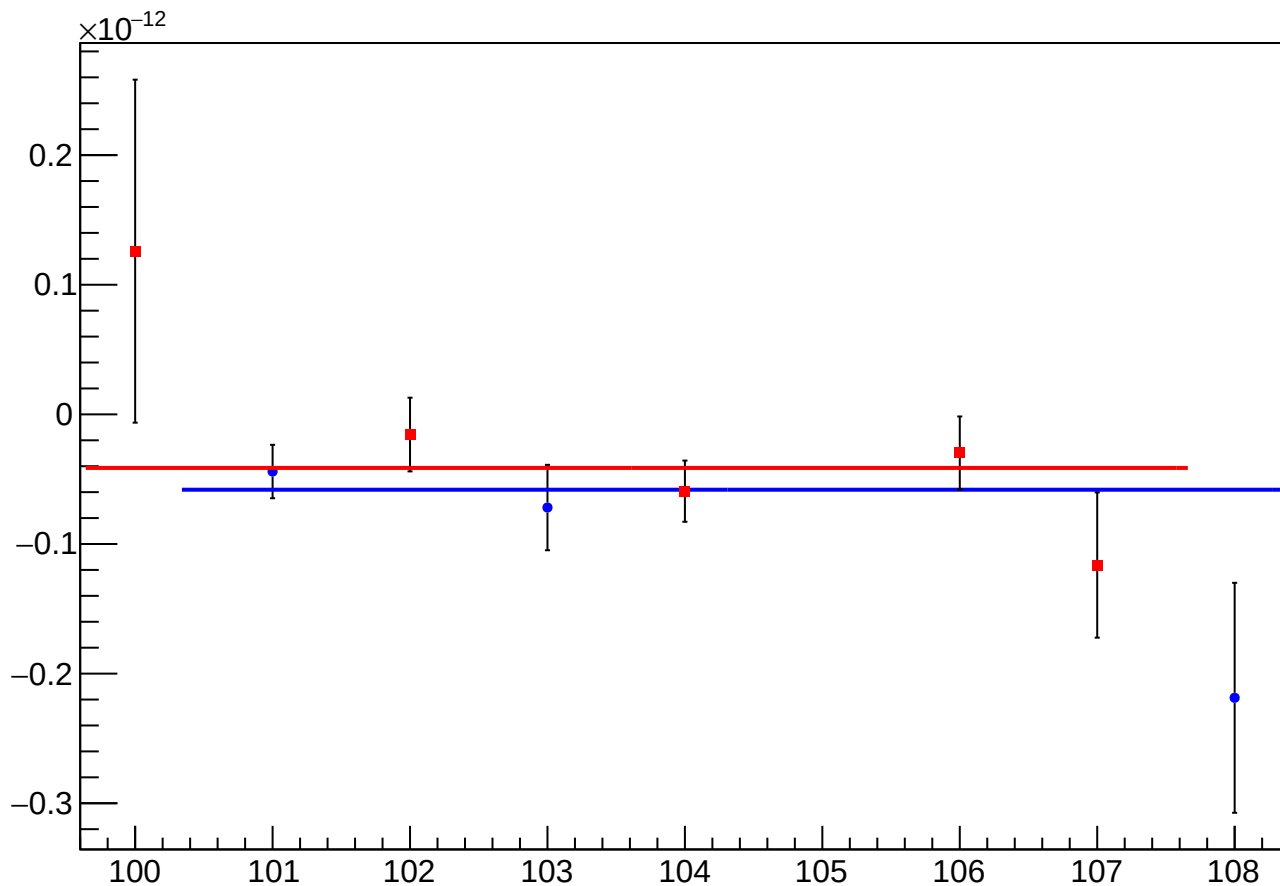
Right: 40.373 $\pm$ 0.016 χ^2 /NDF: 237838.0/7

In: 46.610 $\pm$ 0.027 χ^2 /NDF: 61303.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 40.373 $\pm$ 0.016 χ^2 /NDF: 237838.0/7

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

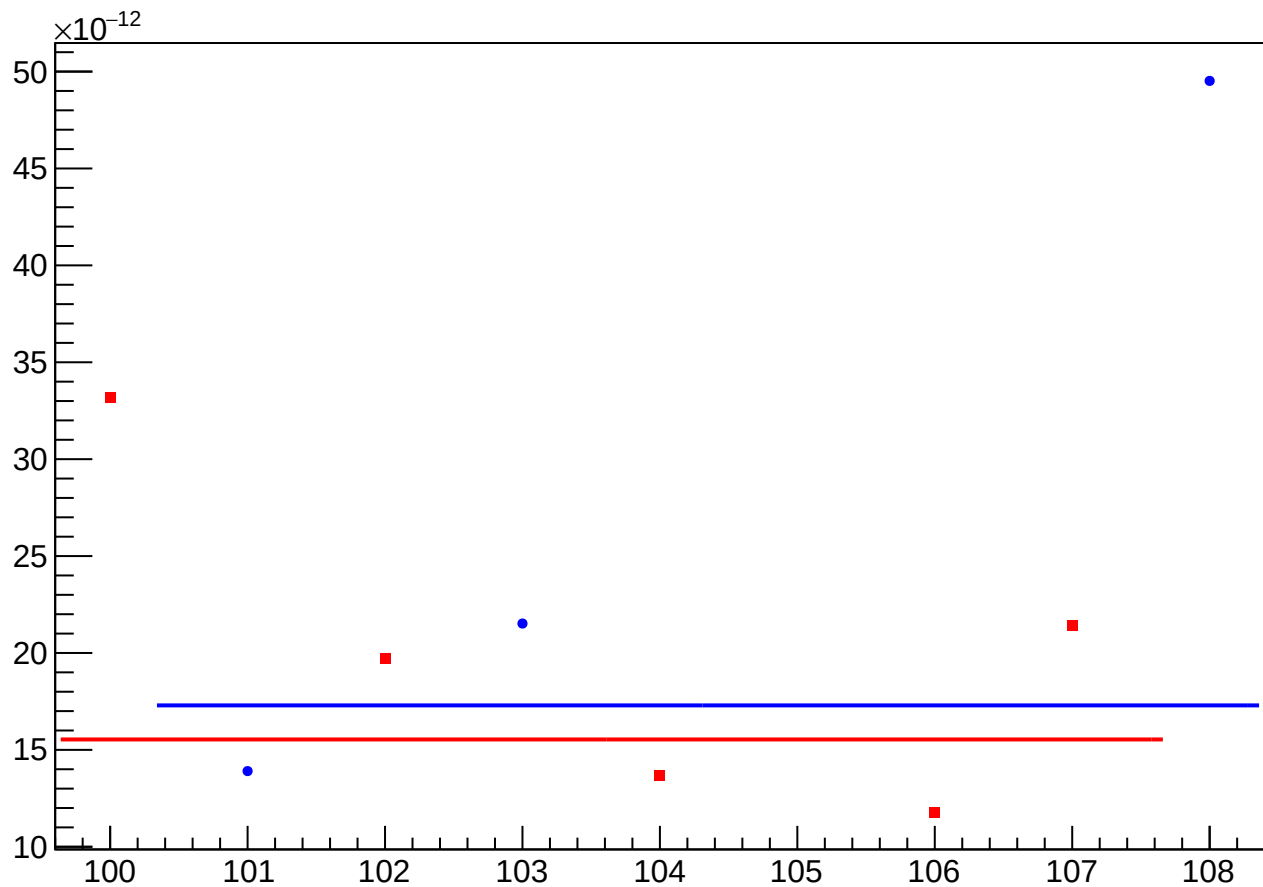
Right: -0.000+/-0.000 χ^2/NDF : 9.4/7

In: -0.000+/-0.000 χ^2/NDF : 3.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.4/7

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 350938.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 148966.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

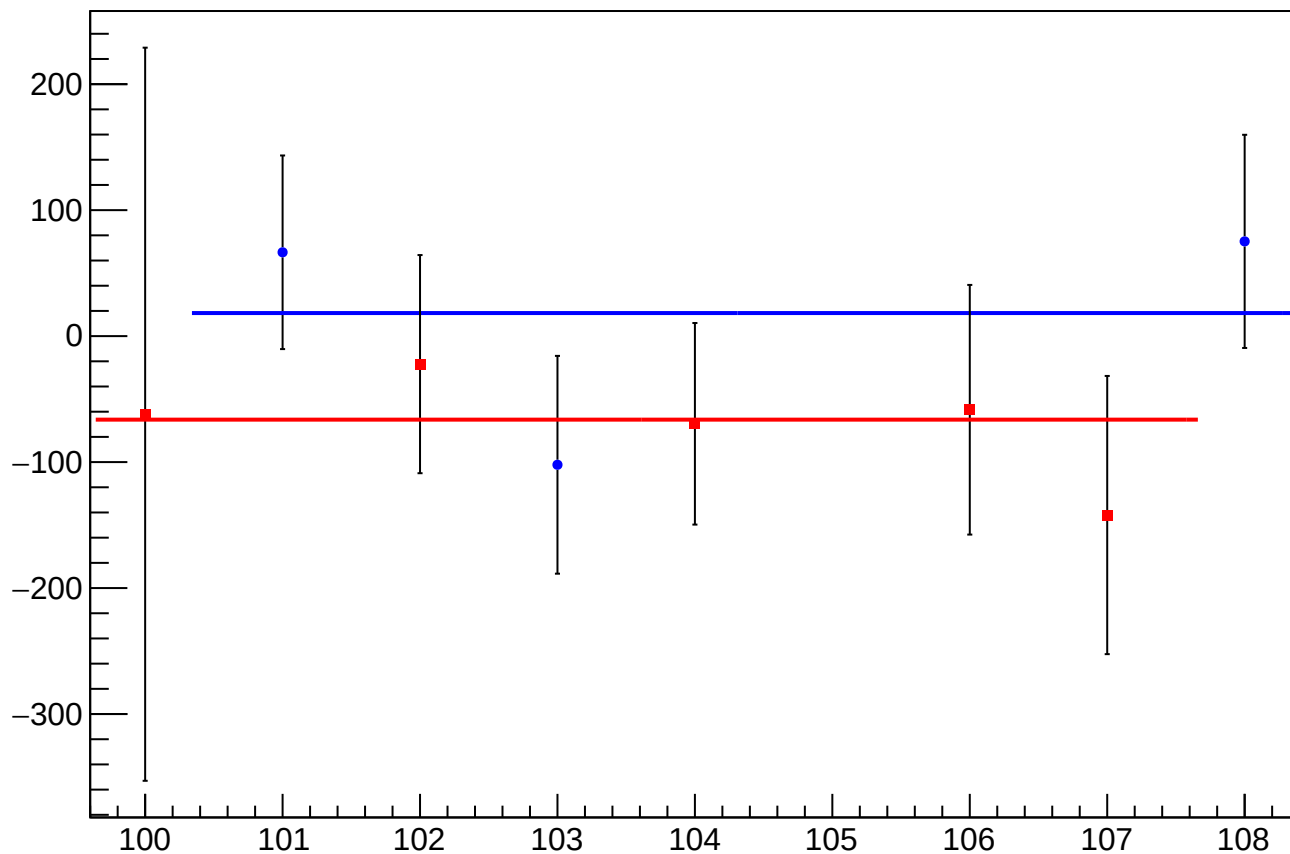
Right: 0.000+/-0.000 χ^2/NDF : 512076.5/7

In: 0.000+/-0.000 χ^2/NDF : 350938.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 512076.5/7

reg_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 18.308 $\pm$ 47.520 χ^2 /NDF: 2.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -66.303 $\pm$ 45.395 χ^2 /NDF: 0.7/4

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

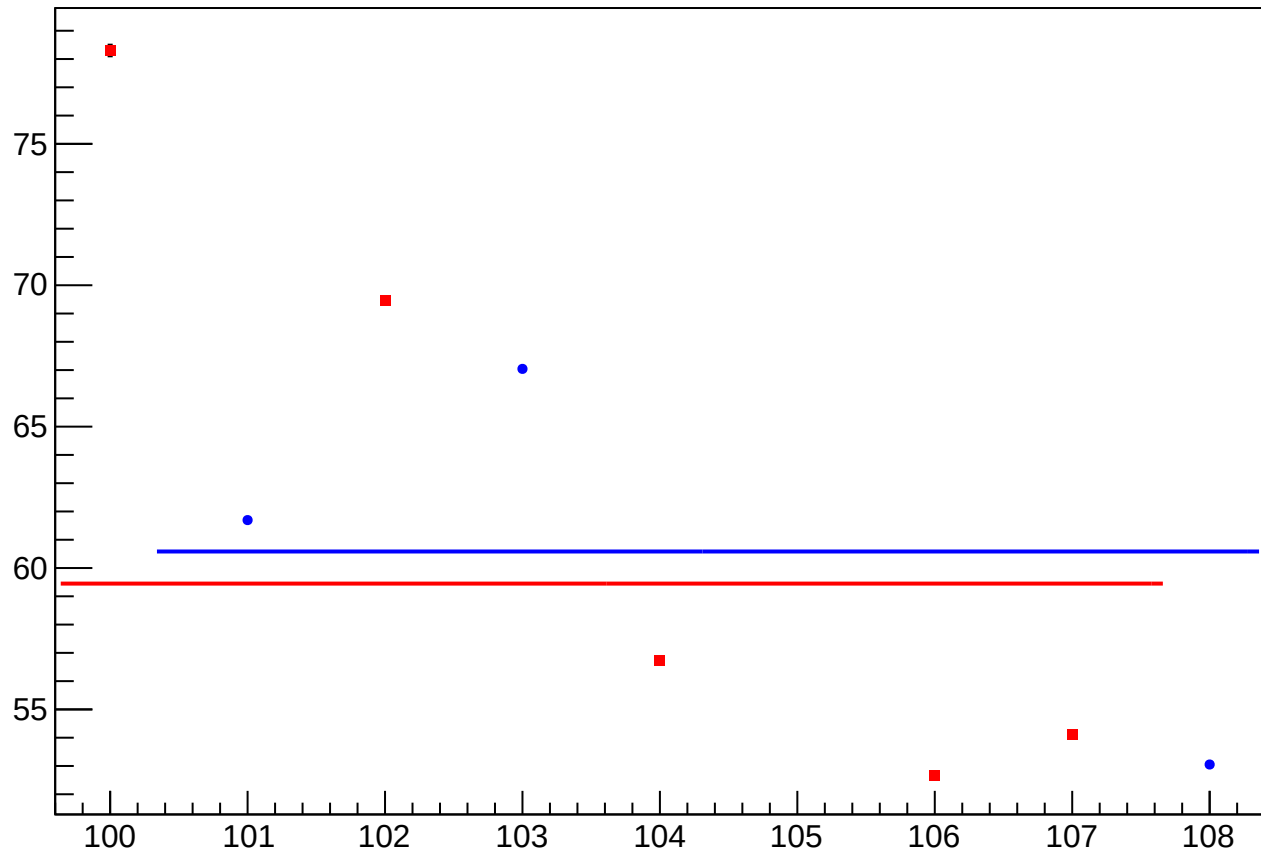
Right: -25.932 $\pm$ 32.825 χ^2 /NDF: 5.2/7

In: 18.308 $\pm$ 47.520 χ^2 /NDF: 2.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -25.932 $\pm$ 32.825 χ^2 /NDF: 5.2/7

reg_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 60.585+/-0.034 χ^2/NDF : 27431.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.450+/-0.032 χ^2/NDF : 51434.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

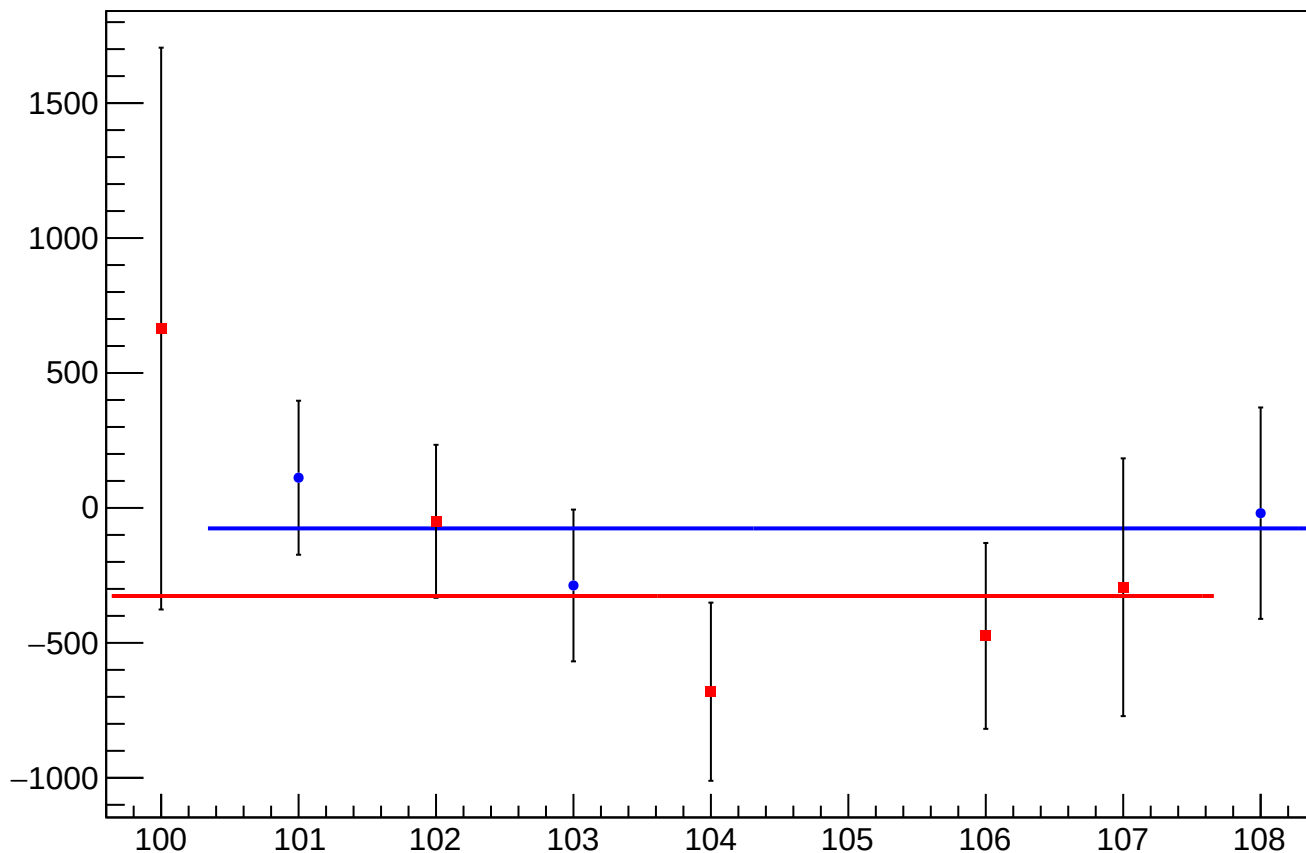
Right: 59.991+/-0.023 χ^2/NDF : 79462.2/7

In: 60.585+/-0.034 χ^2/NDF : 27431.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.991+/-0.023 χ^2/NDF : 79462.2/7

asym_sam_37_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -75.855 $\pm$ 178.307 χ^2 /NDF: 1.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -326.306 $\pm$ 168.145 χ^2 /NDF: 3.2/4

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

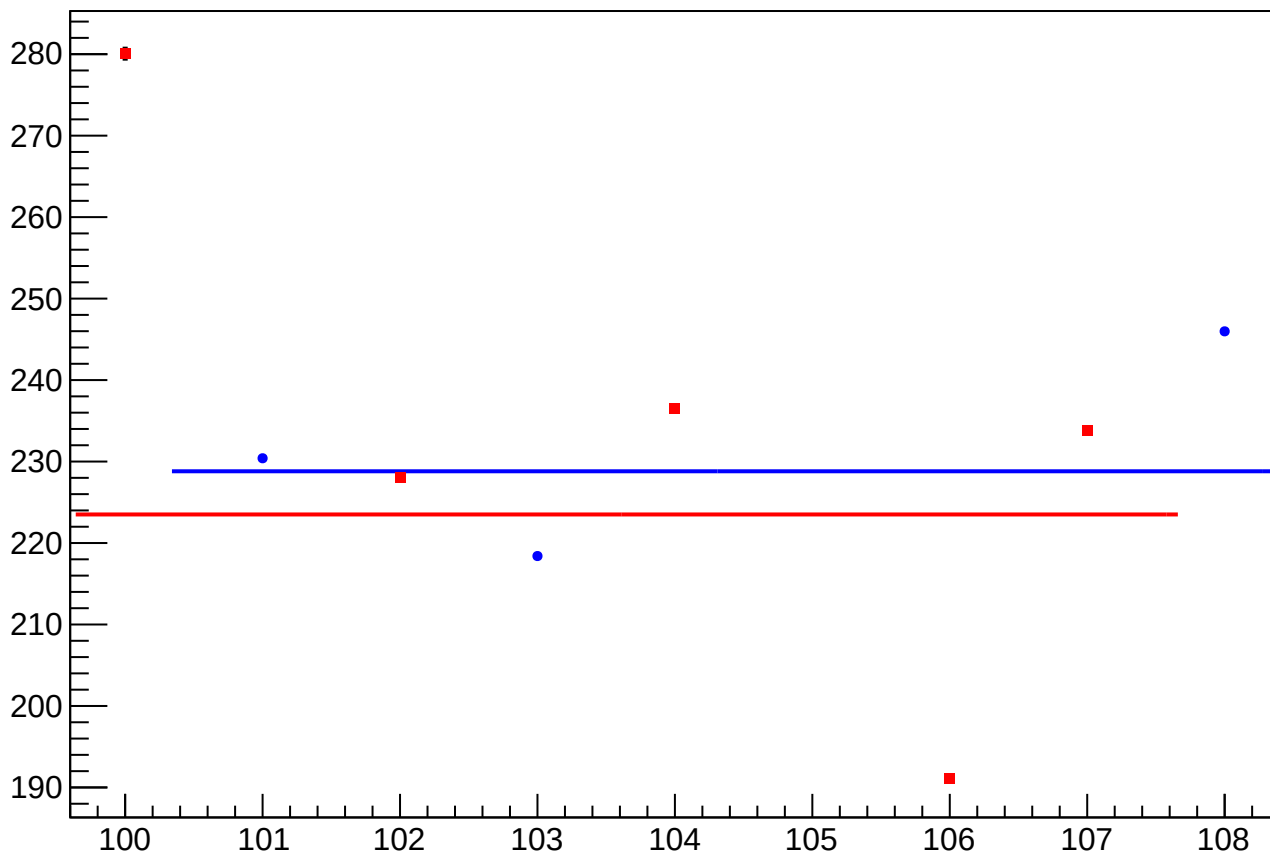
Right: -208.420 $\pm$ 122.331 χ^2 /NDF: 5.3/7

In: -75.855 $\pm$ 178.307 χ^2 /NDF: 1.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -208.420 $\pm$ 122.331 χ^2 /NDF: 5.3/7

asym_sam_37_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 228.806+/-0.126 χ^2/NDF : 6647.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 223.506+/-0.119 χ^2/NDF : 28228.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

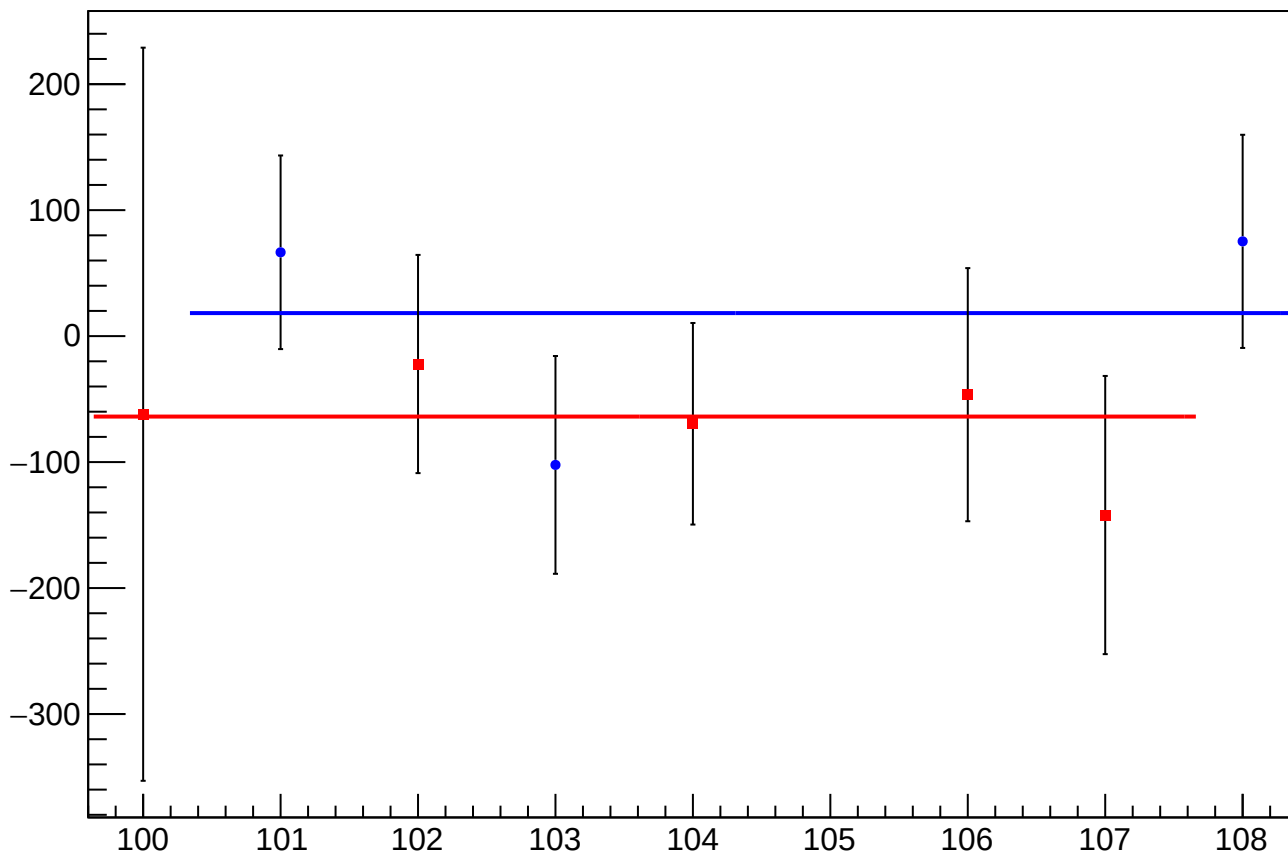
Right: 226.000+/-0.087 χ^2/NDF : 35811.1/7

In: 228.806+/-0.126 χ^2/NDF : 6647.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 226.000+/-0.087 χ^2/NDF : 35811.1/7

cor_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 18.274+/-47.520 χ^2/NDF : 2.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -63.867+/-45.529 χ^2/NDF : 0.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

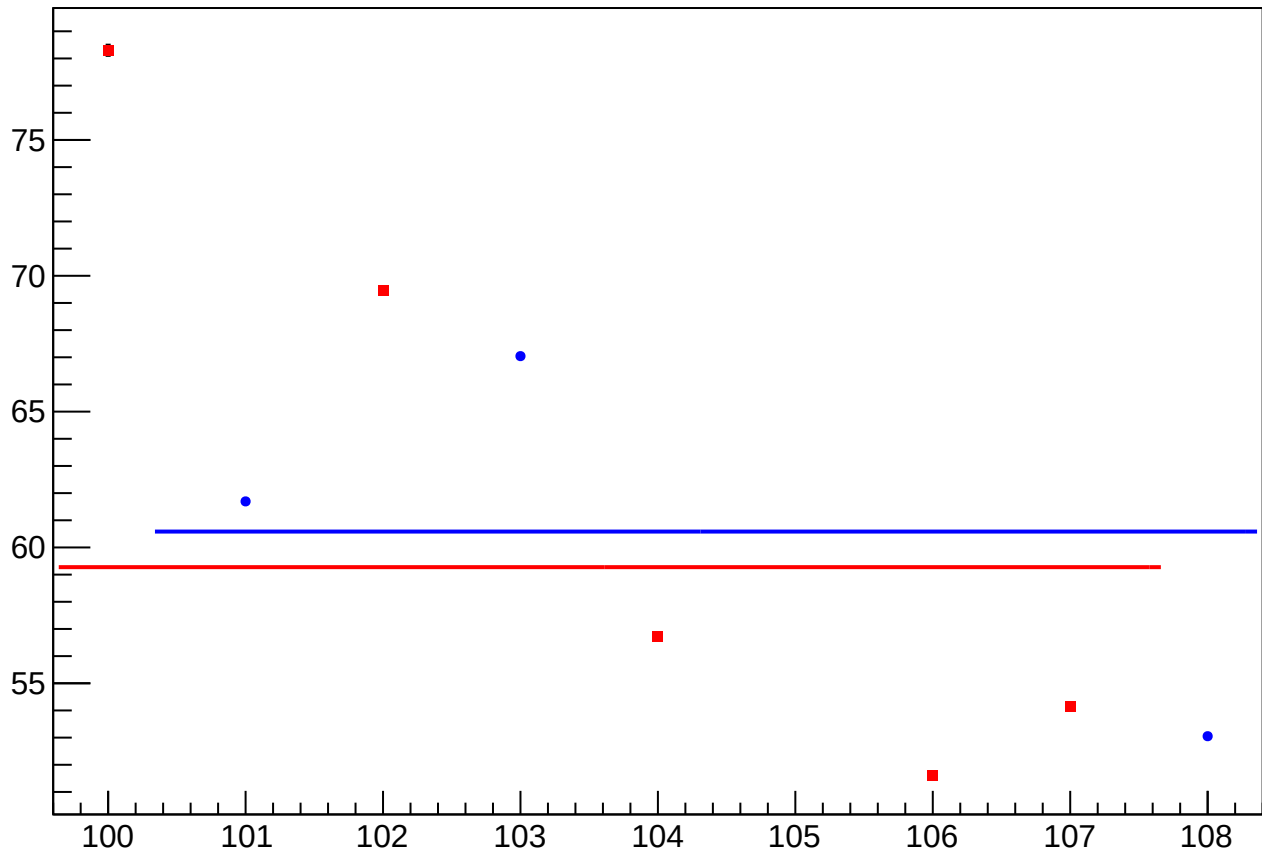
Right: -24.553+/-32.875 χ^2/NDF : 5.1/7

In: 18.274+/-47.520 χ^2/NDF : 2.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.553+/-32.875 χ^2/NDF : 5.1/7

cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 60.585+/-0.034 χ^2/NDF : 27431.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.275+/-0.032 χ^2/NDF : 54308.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

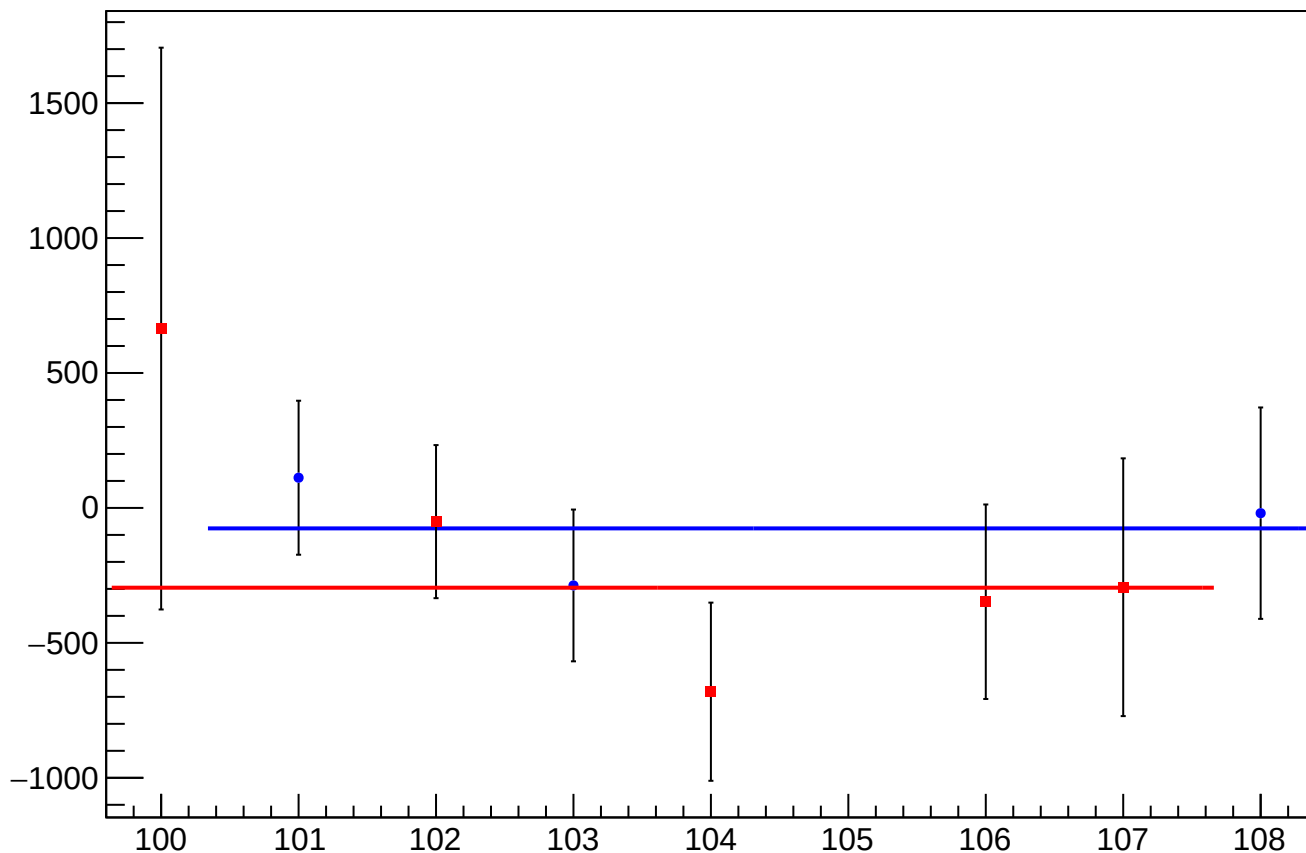
Right: 59.902+/-0.023 χ^2/NDF : 82532.9/7

In: 60.585+/-0.034 χ^2/NDF : 27431.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.902+/-0.023 χ^2/NDF : 82532.9/7

asym_sam_37_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -75.826 $\pm$ 178.309 χ^2 /NDF: 1.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -295.570 $\pm$ 169.957 χ^2 /NDF: 3.0/4

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

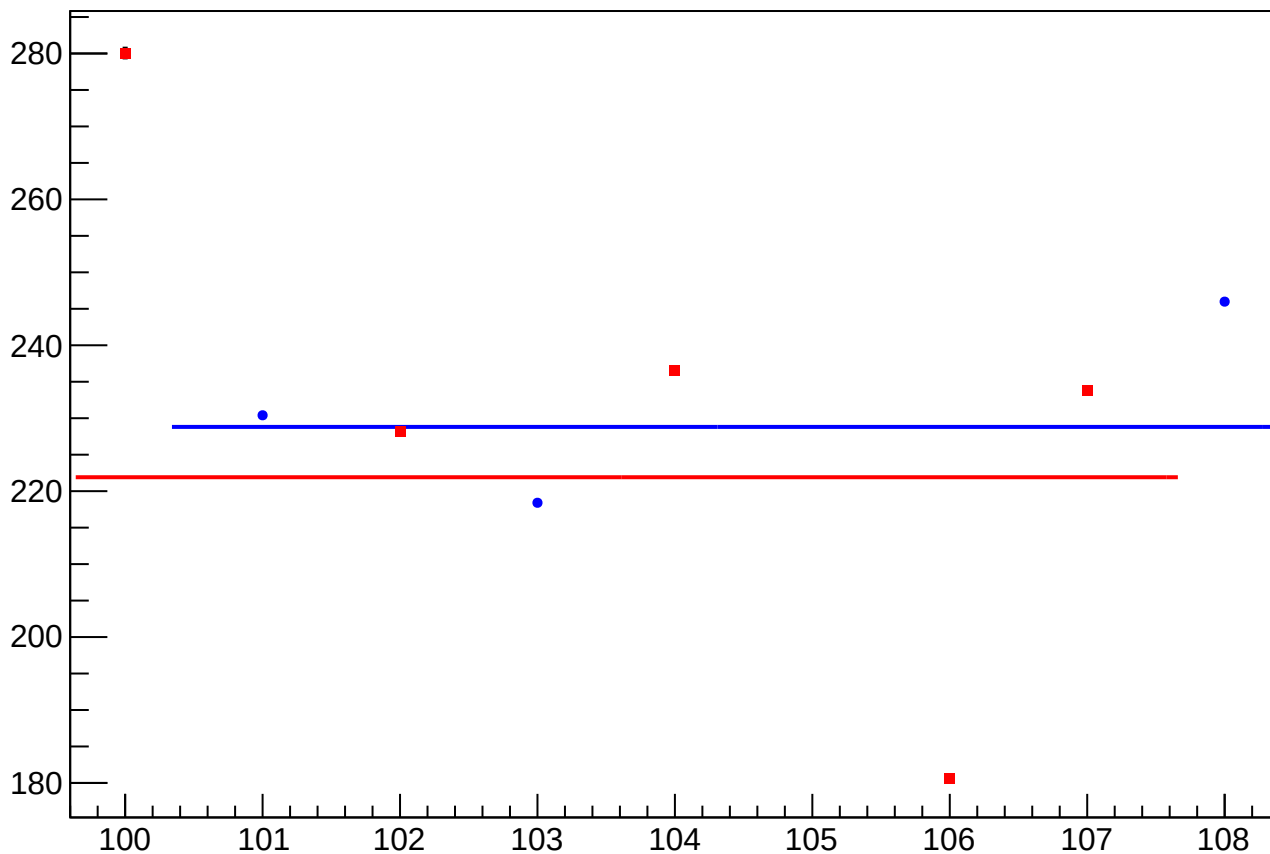
Right: -190.965 $\pm$ 123.024 χ^2 /NDF: 4.8/7

In: -75.826 $\pm$ 178.309 χ^2 /NDF:1.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -190.965 $\pm$ 123.024 χ^2 /NDF: 4.8/7

asym_sam_37_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 228.809+/-0.126 χ^2/NDF : 6643.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 221.910+/-0.120 χ^2/NDF : 38756.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

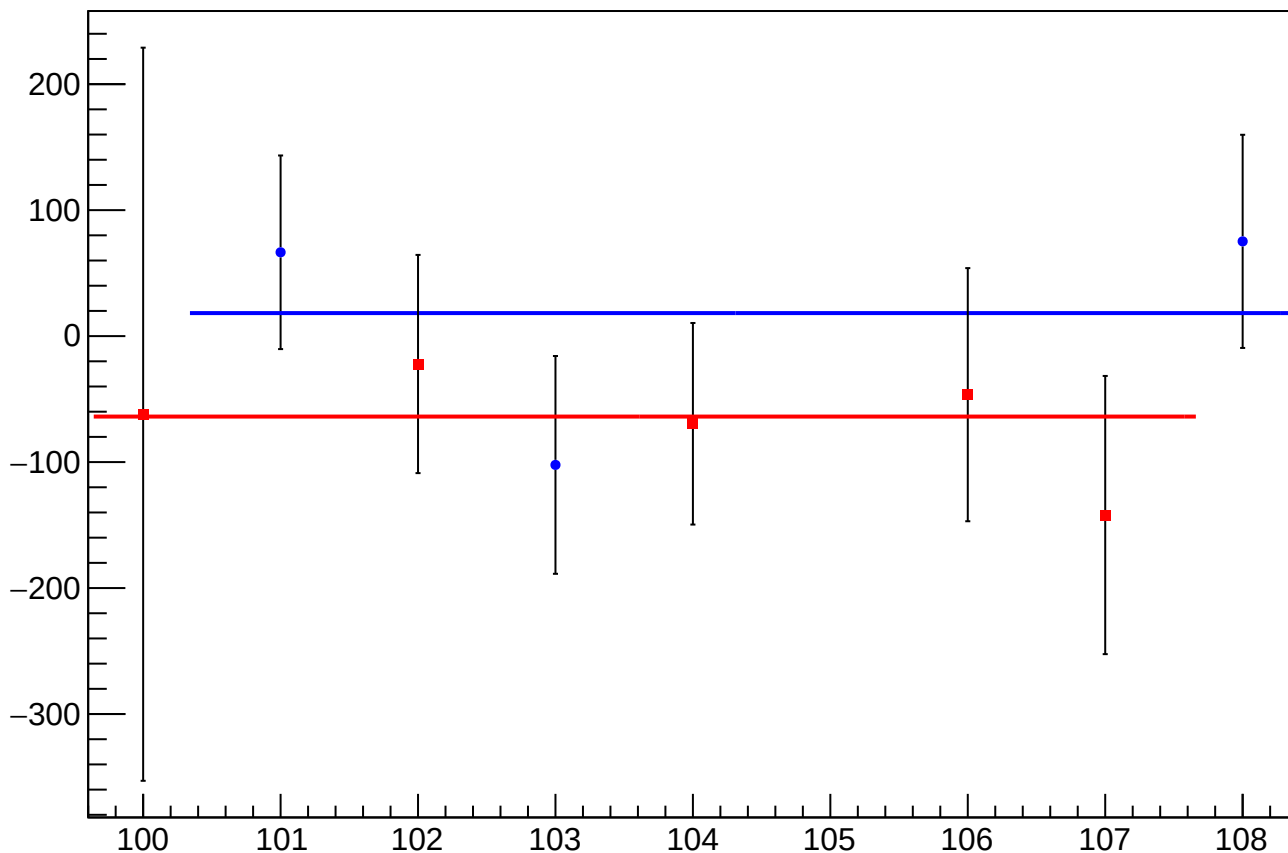
Right: 225.194+/-0.087 χ^2/NDF : 46968.1/7

In: 228.809+/-0.126 χ^2/NDF : 6643.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 225.194+/-0.087 χ^2/NDF : 46968.1/7

eigen_cor_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 18.274+/-47.520 χ^2/NDF : 2.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -63.867+/-45.529 χ^2/NDF : 0.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

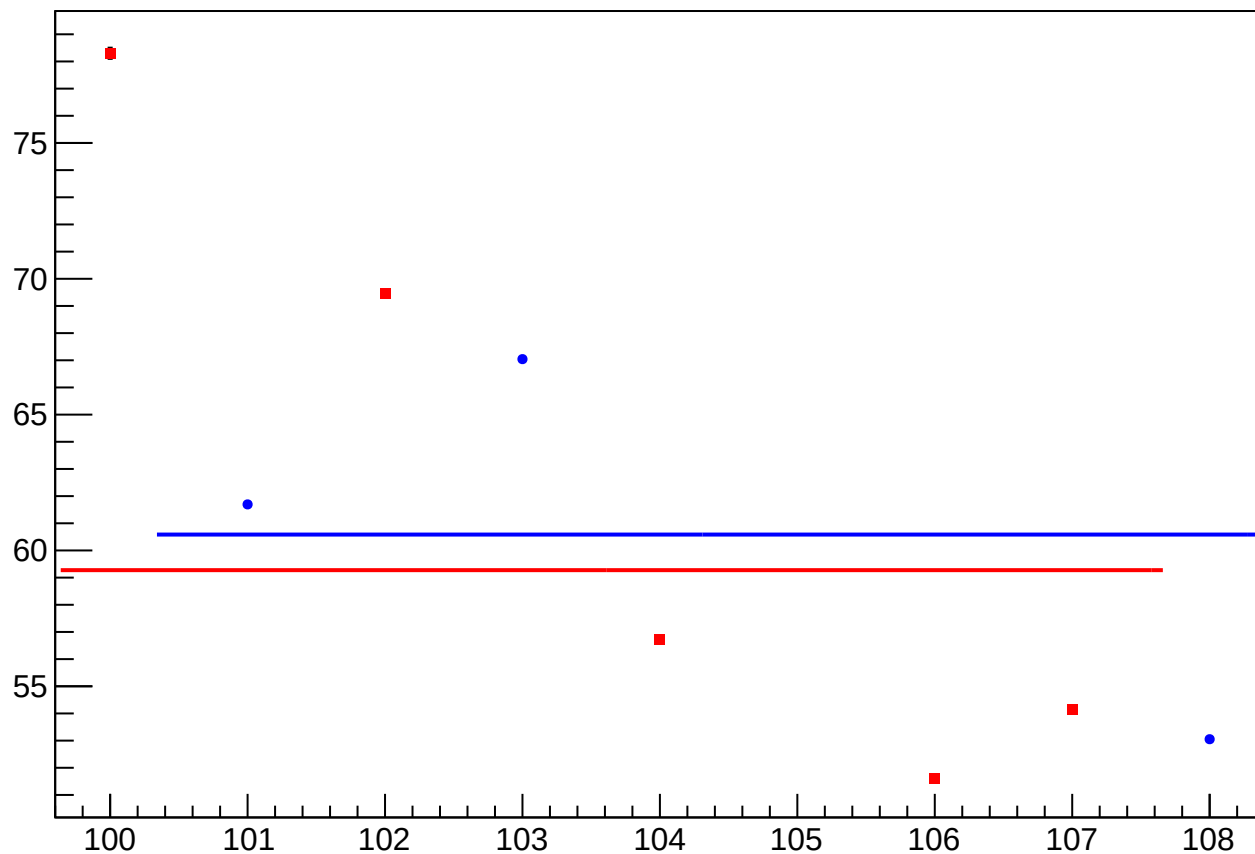
Right: -24.553+/-32.875 χ^2/NDF : 5.1/7

In: 18.274+/-47.520 χ^2/NDF : 2.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.553+/-32.875 χ^2/NDF : 5.1/7

eigen_cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 60.585 ± 0.034 χ^2/NDF : 27431.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 59.275 ± 0.032 χ^2/NDF : 54308.8/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

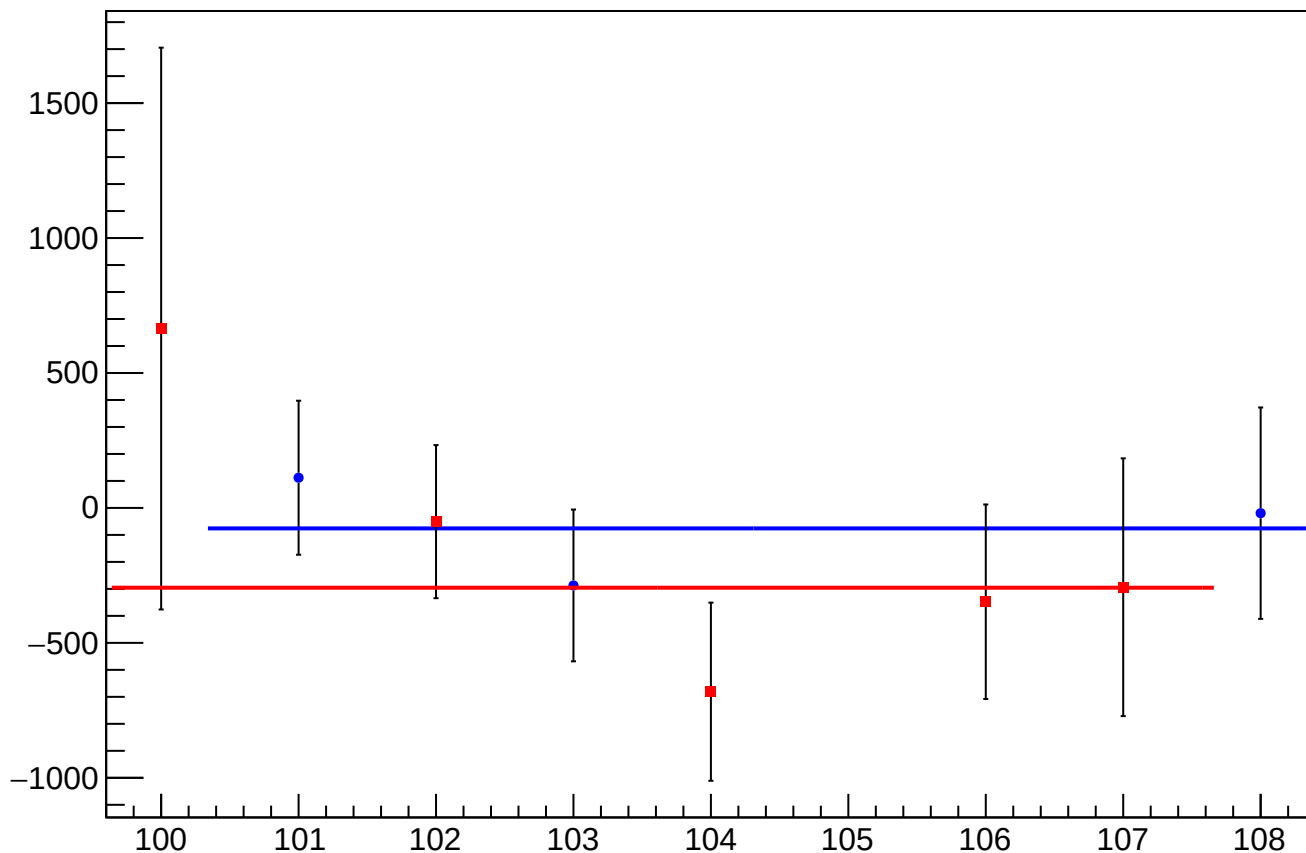
Right: 59.902 ± 0.023 χ^2/NDF : 82532.9/7

In: 60.585 ± 0.034 χ^2/NDF : 27431.6/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 59.902 ± 0.023 χ^2/NDF : 82532.9/7

asym_sam_37_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -75.826+/-178.309 χ^2/NDF : 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -295.570+/-169.957 χ^2/NDF : 3.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

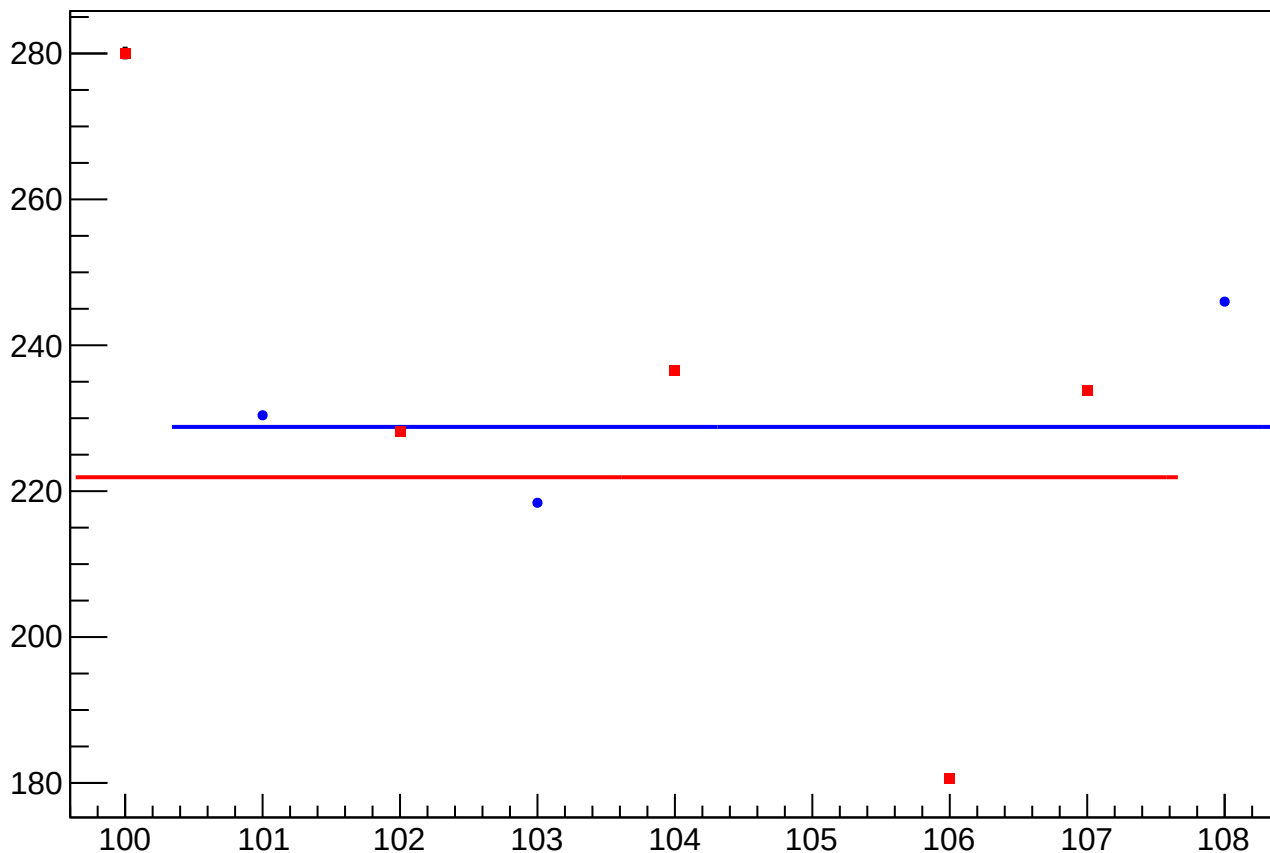
Right: -190.965+/-123.024 χ^2/NDF : 4.8/7

In: -75.826+/-178.309 χ^2/NDF : 1.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -190.965+/-123.024 χ^2/NDF : 4.8/7

asym_sam_37_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 228.809 $\pm$ 0.126 χ^2 /NDF: 6643.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 221.910 $\pm$ 0.120 χ^2 /NDF: 38756.0/4

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

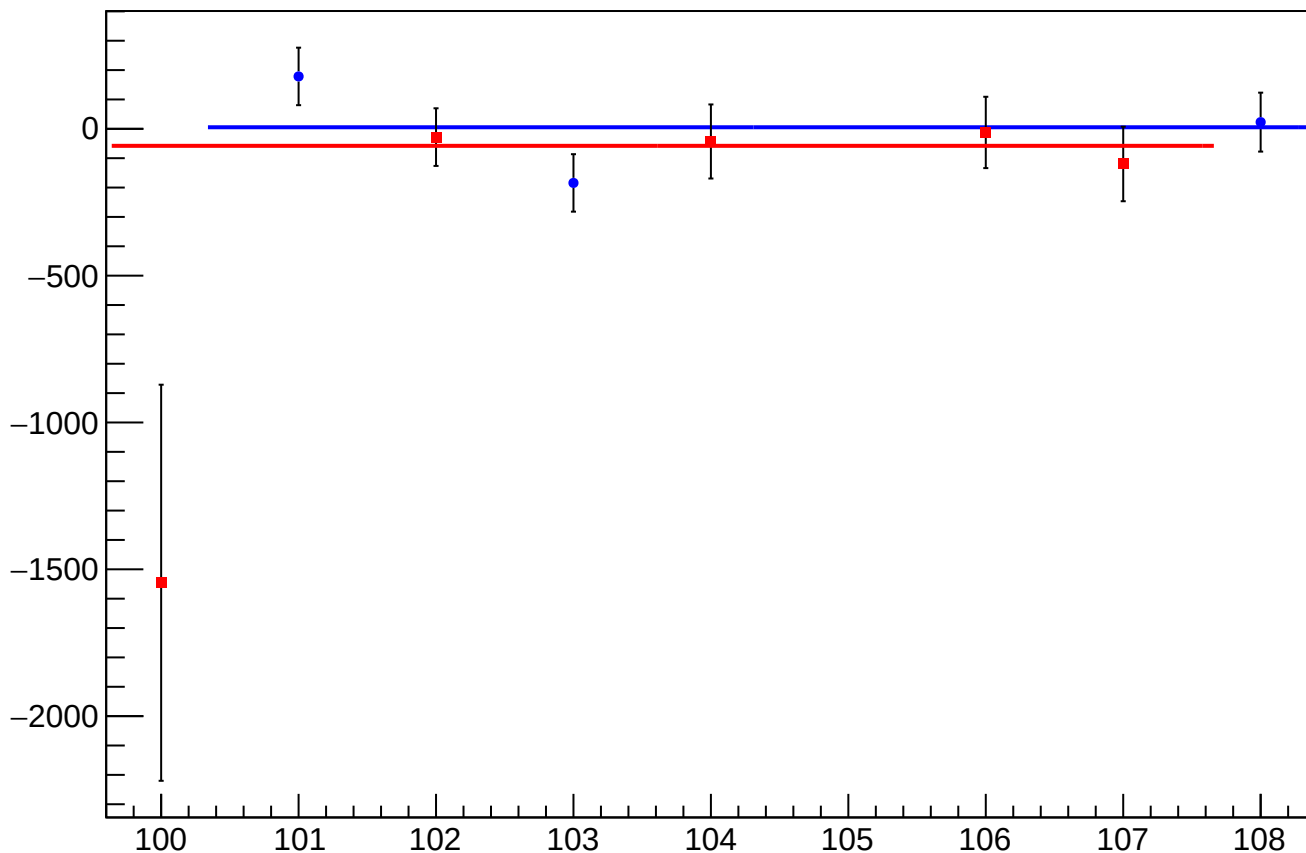
Right: 225.194 $\pm$ 0.087 χ^2 /NDF: 46968.1/7

In: 228.809 $\pm$ 0.126 χ^2 /NDF:6643.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 225.194 $\pm$ 0.087 χ^2 /NDF: 46968.1/7

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 5.316+/-56.975 χ^2/NDF : 6.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -57.921+/-57.848 χ^2/NDF : 5.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

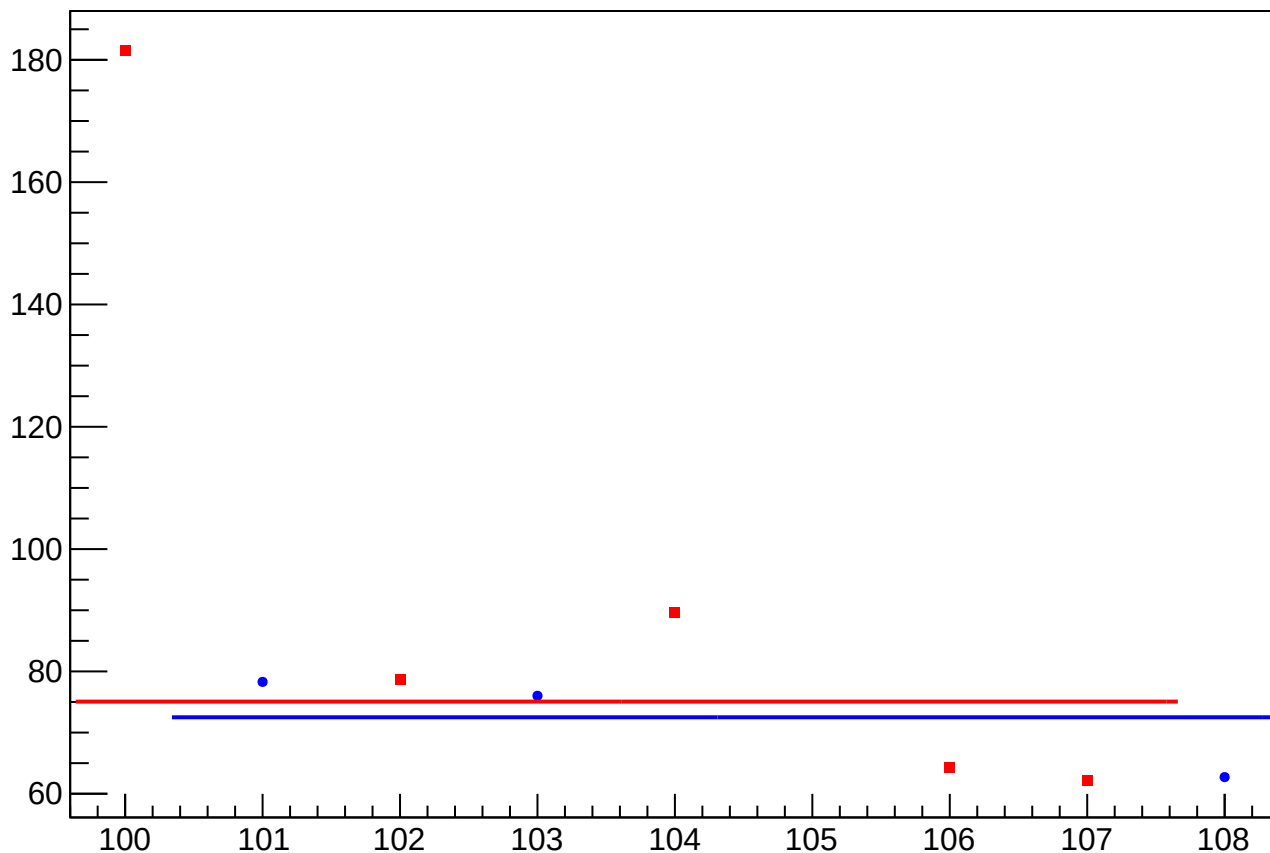
Right: -25.822+/-40.592 χ^2/NDF : 12.9/7

In: 5.316+/-56.975 χ^2/NDF : 6.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.822+/-40.592 χ^2/NDF : 12.9/7

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 72.499 $\pm$ 0.040 χ^2 /NDF: 28569.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 75.063 $\pm$ 0.041 χ^2 /NDF: 115504.8/4

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

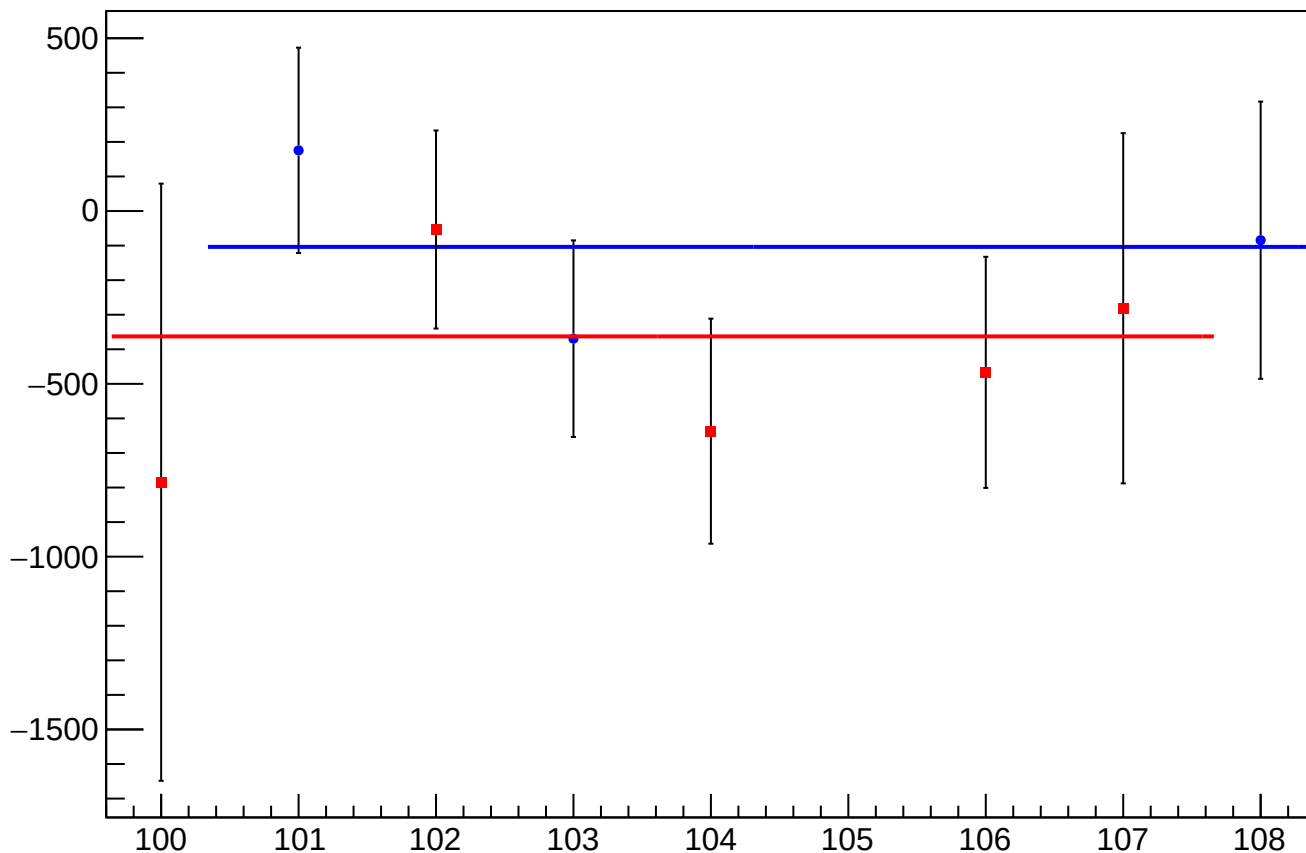
Right: 73.761 $\pm$ 0.029 χ^2 /NDF: 146068.6/7

In: 72.499 $\pm$ 0.040 χ^2 /NDF: 28569.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 73.761 $\pm$ 0.029 χ^2 /NDF: 146068.6/7

asym_sam_37_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -103.732 $\pm$ 182.845 χ^2 /NDF: 1.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -362.694 $\pm$ 167.147 χ^2 /NDF: 2.2/4

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

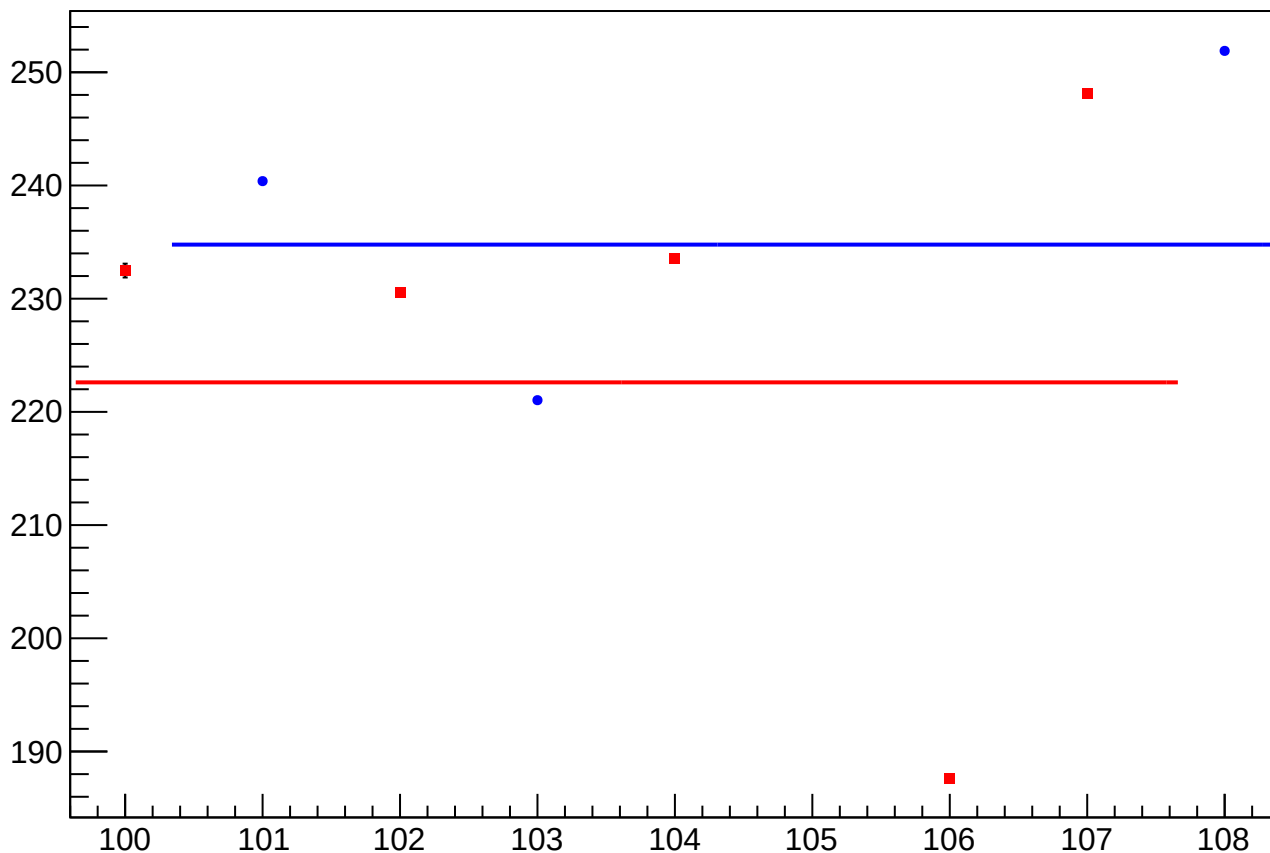
Right: -244.804 $\pm$ 123.368 χ^2 /NDF: 5.1/7

In: -103.732 $\pm$ 182.845 χ^2 /NDF:1.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -244.804 $\pm$ 123.368 χ^2 /NDF: 5.1/7

asym_sam_37_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 234.776+/-0.129 χ^2/NDF : 9024.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 222.608+/-0.118 χ^2/NDF : 31008.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

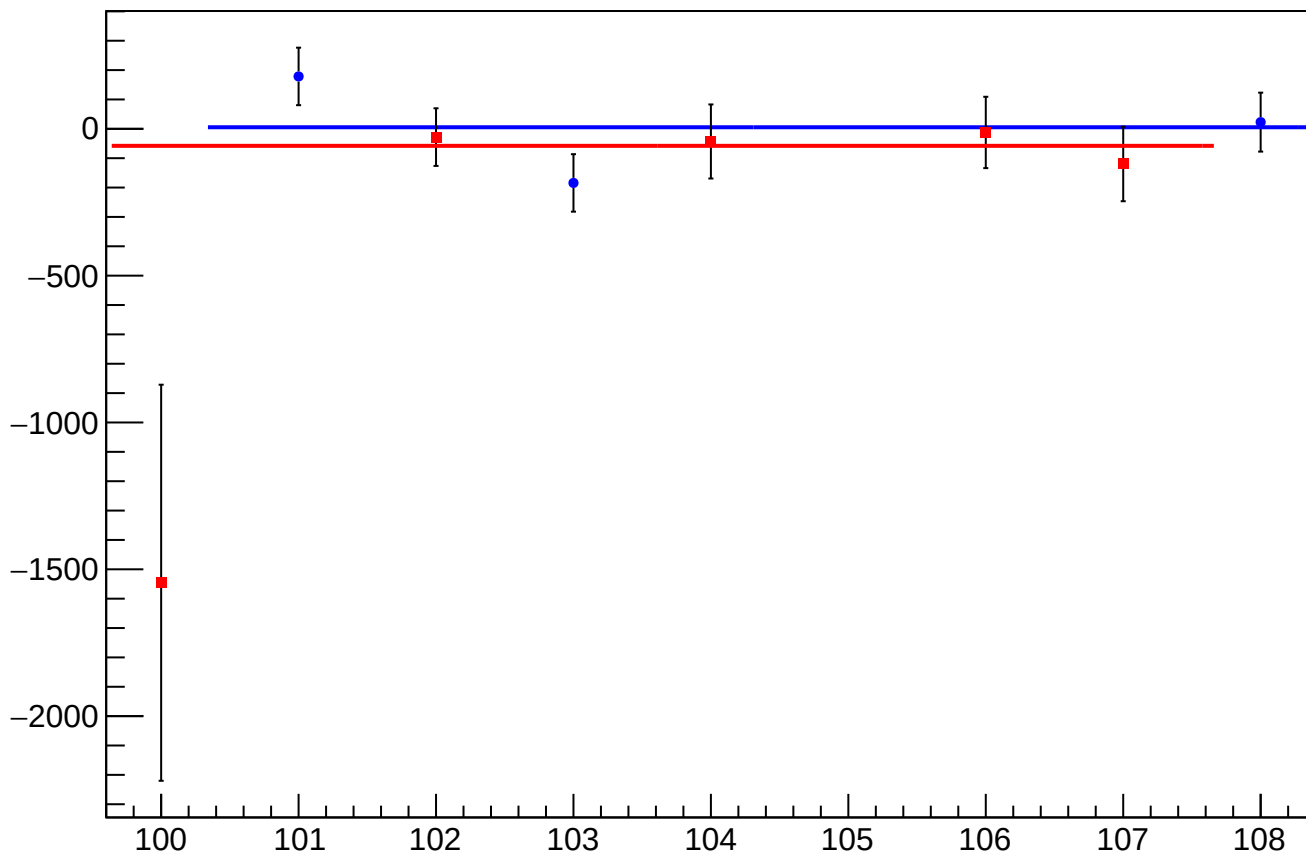
Right: 228.147+/-0.087 χ^2/NDF : 44857.8/7

In: 234.776+/-0.129 χ^2/NDF : 9024.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.147+/-0.087 χ^2/NDF : 44857.8/7

eigen_dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 5.317+/-56.975 χ^2/NDF : 6.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -57.922+/-57.848 χ^2/NDF : 5.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

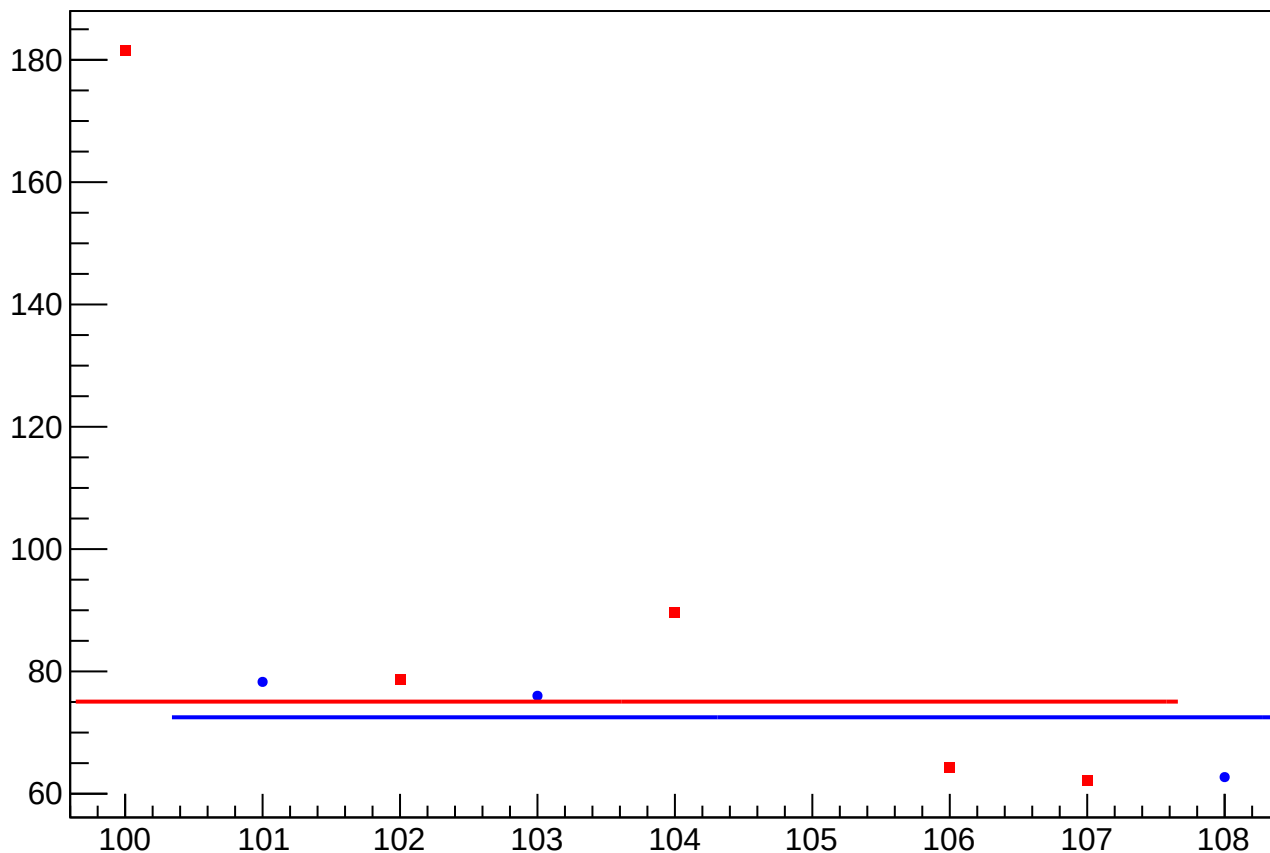
Right: -25.822+/-40.593 χ^2/NDF : 12.9/7

In: 5.317+/-56.975 χ^2/NDF : 6.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.822+/-40.593 χ^2/NDF : 12.9/7

eigen_dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 72.499+/-0.040 χ^2/NDF : 28570.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.063+/-0.041 χ^2/NDF : 115508.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

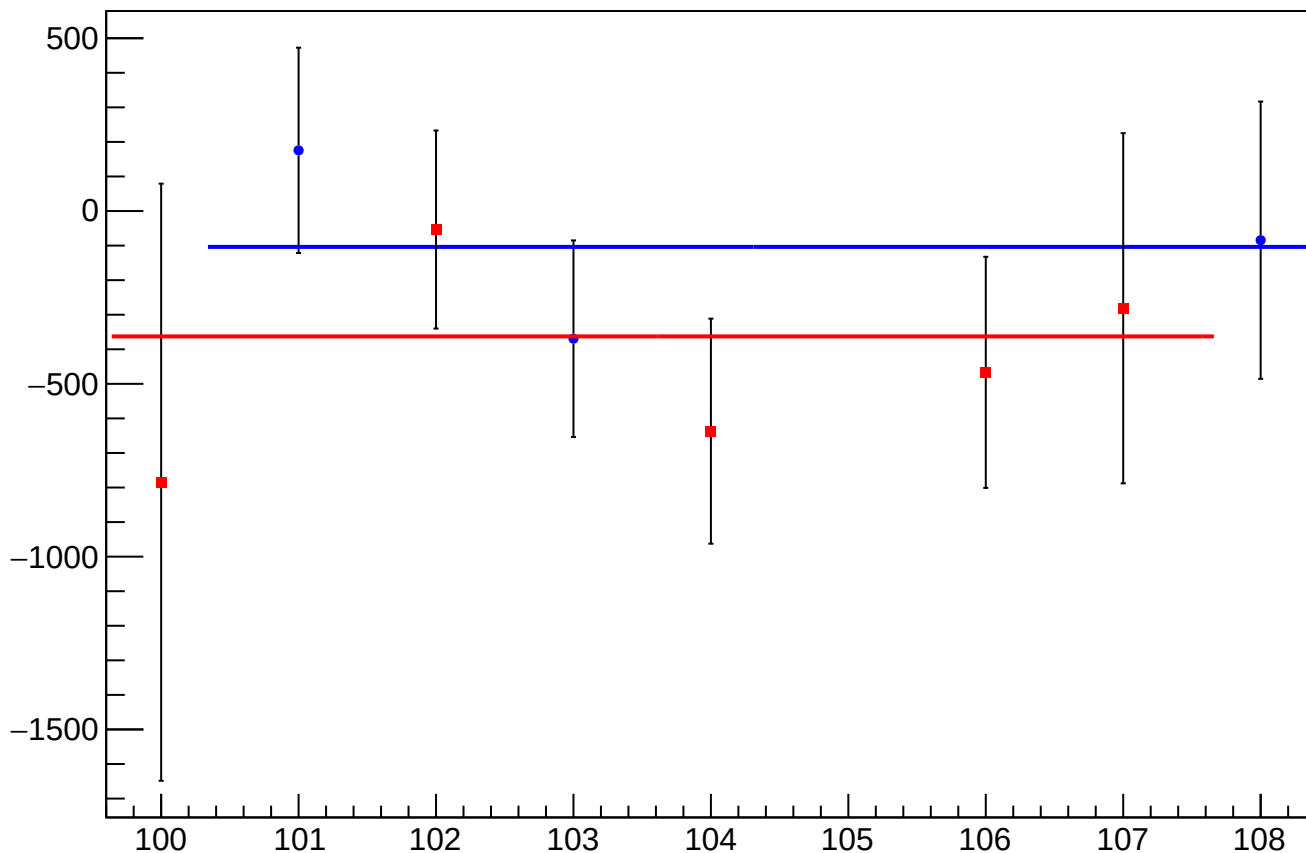
Right: 73.762+/-0.029 χ^2/NDF : 146072.9/7

In: 72.499+/-0.040 χ^2/NDF : 28570.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.762+/-0.029 χ^2/NDF : 146072.9/7

asym_sam_37_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -103.733+/-182.846 χ^2/NDF : 1.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -362.694+/-167.148 χ^2/NDF : 2.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

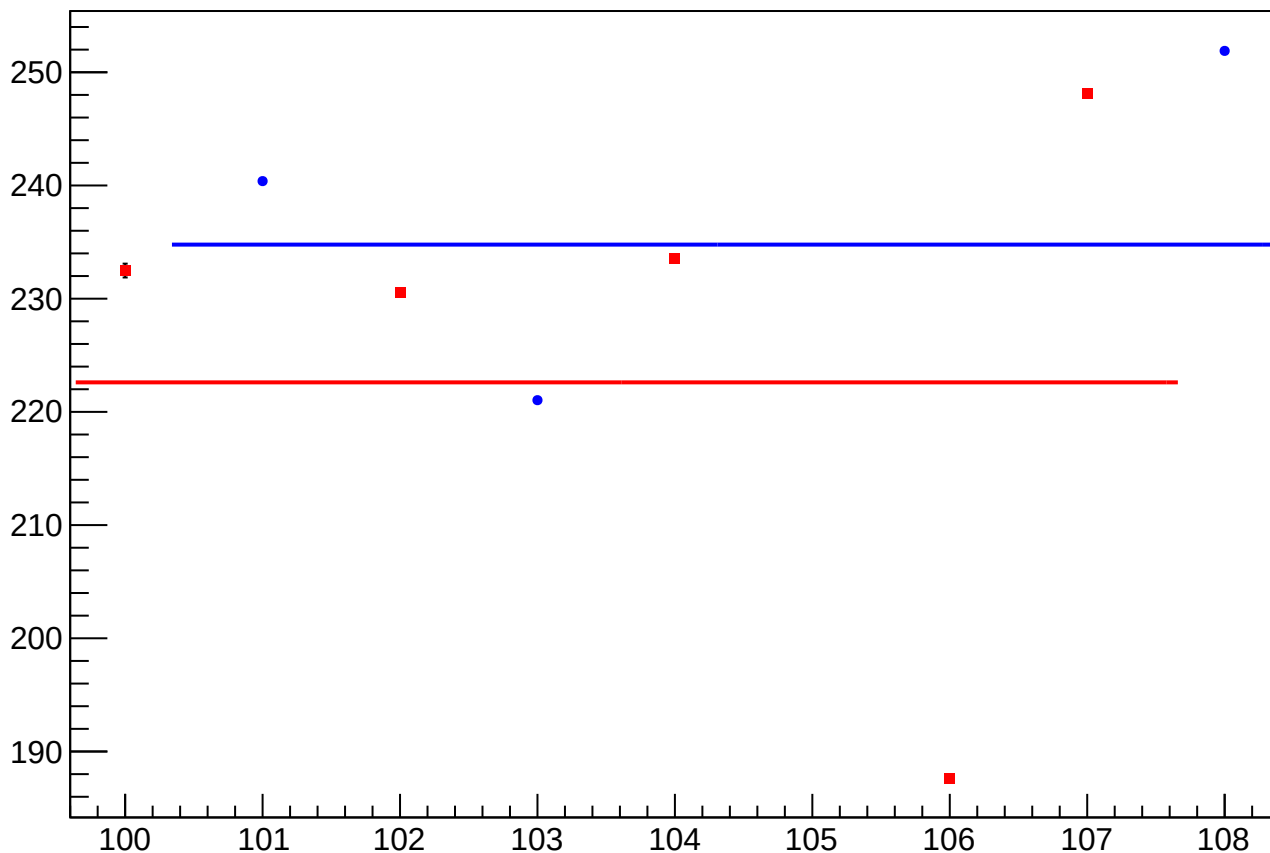
Right: -244.805+/-123.368 χ^2/NDF : 5.1/7

In: -103.733+/-182.846 χ^2/NDF : 1.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -244.805+/-123.368 χ^2/NDF : 5.1/7

asym_sam_37_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 234.776+/-0.129 χ^2/NDF : 9024.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 222.608+/-0.118 χ^2/NDF : 31007.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

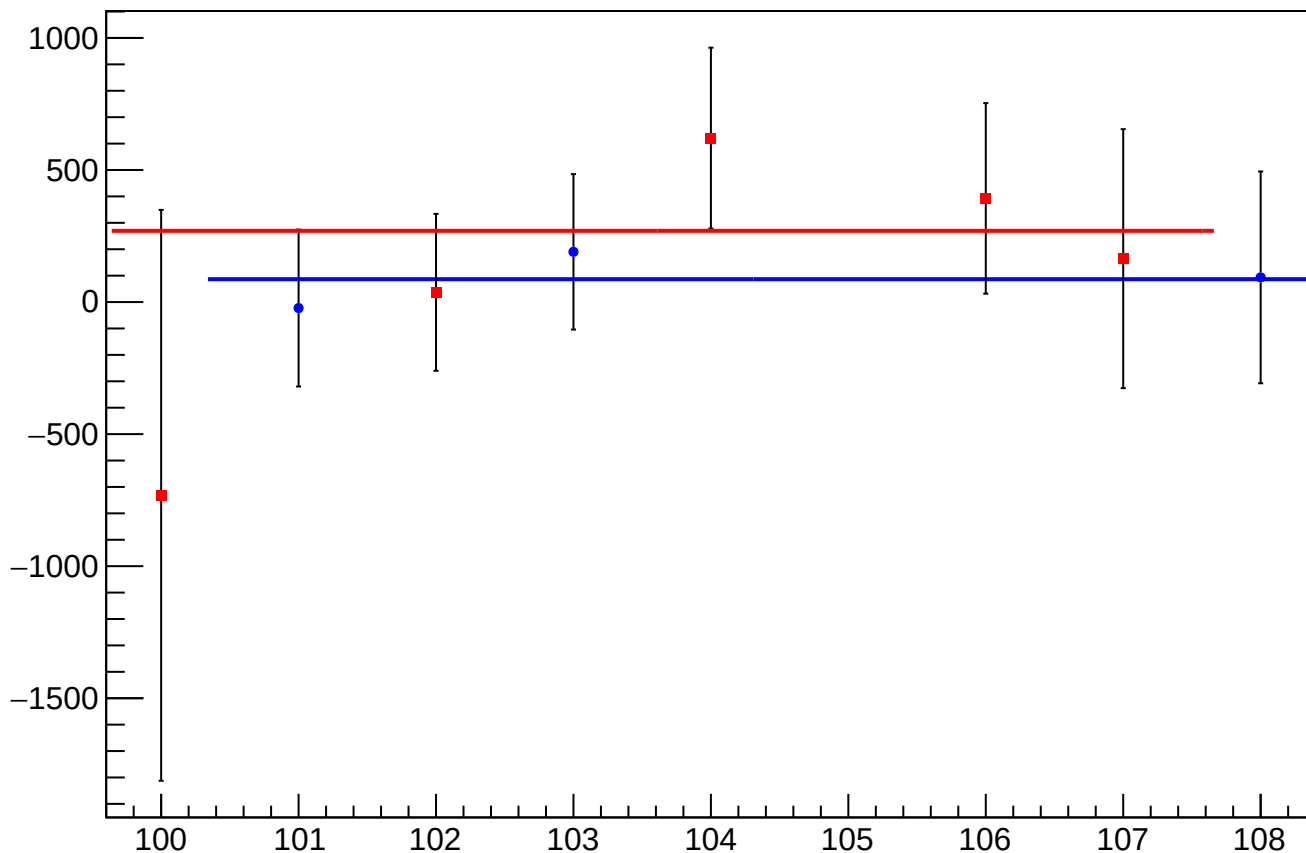
Right: 228.147+/-0.087 χ^2/NDF : 44857.1/7

In: 234.776+/-0.129 χ^2/NDF : 9024.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.147+/-0.087 χ^2/NDF : 44857.1/7

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 86.612 $\pm$ 185.399 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 269.770 $\pm$ 175.256 χ^2 /NDF: 2.7/4

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

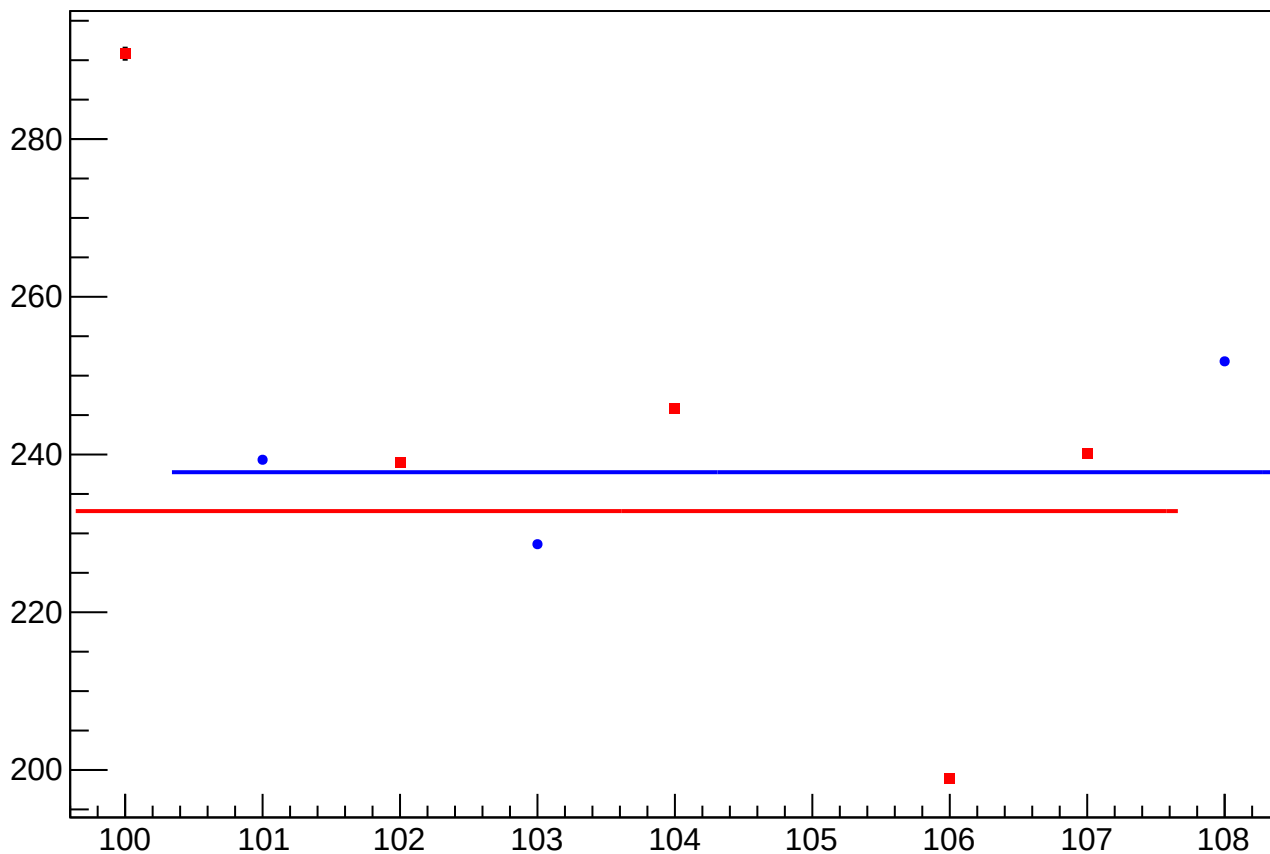
Right: 183.338 $\pm$ 127.359 χ^2 /NDF: 3.5/7

In: 86.612 $\pm$ 185.399 χ^2 /NDF: 0.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 183.338 $\pm$ 127.359 χ^2 /NDF: 3.5/7

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 237.758 $\pm$ 0.131 χ^2 /NDF: 4438.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 232.828 $\pm$ 0.124 χ^2 /NDF: 27654.8/4

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

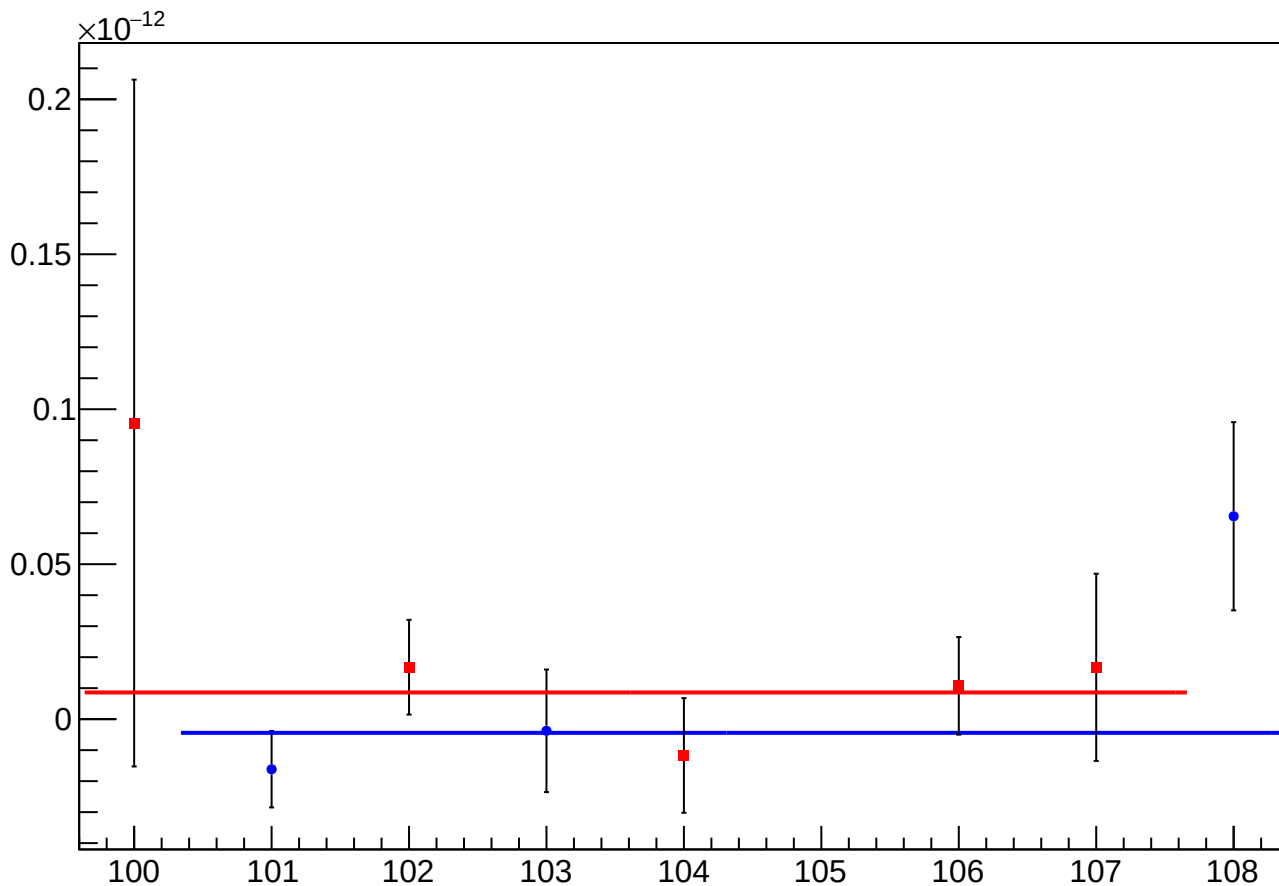
Right: 235.154 $\pm$ 0.090 χ^2 /NDF: 32840.6/7

In: 237.758 $\pm$ 0.131 χ^2 /NDF:4438.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 235.154 $\pm$ 0.090 χ^2 /NDF: 32840.6/7

asym_sam_37_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

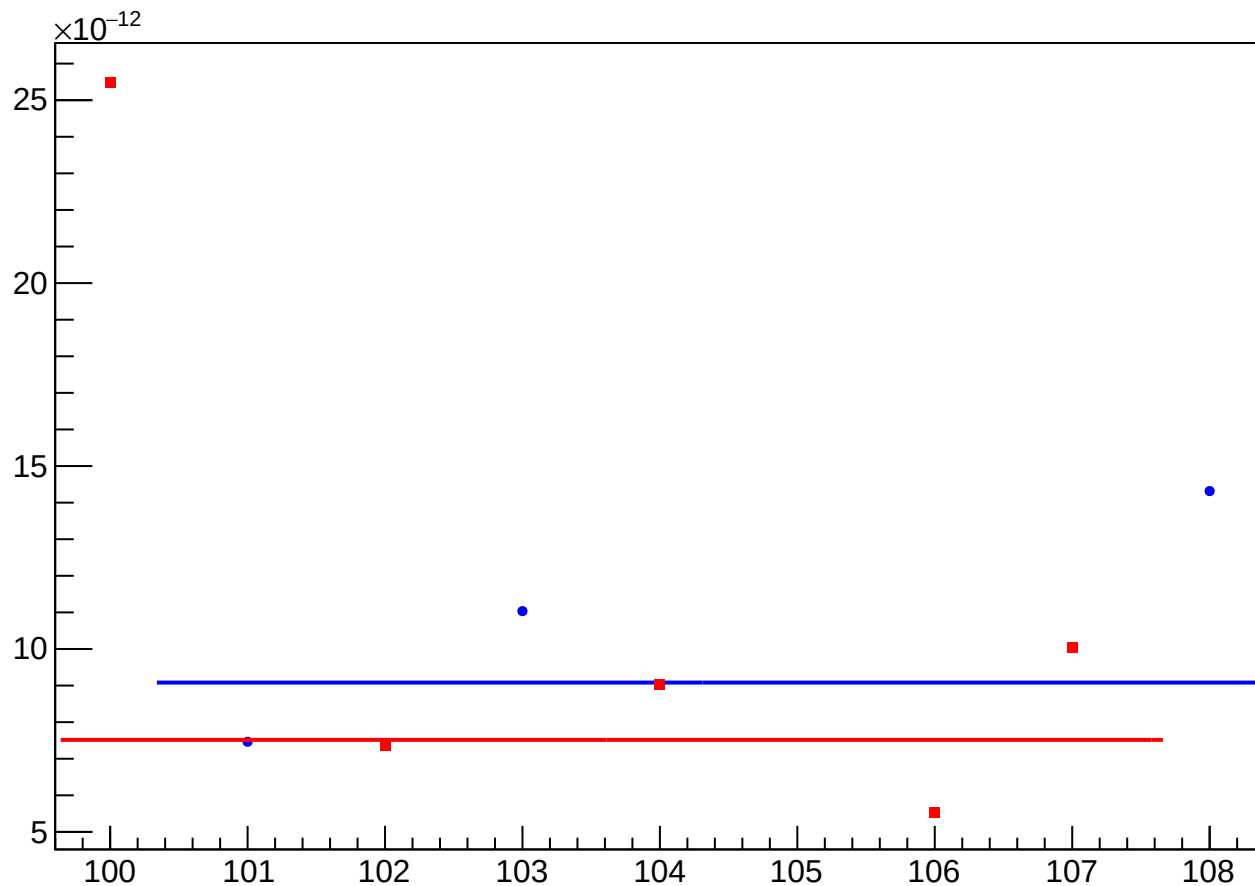
Right: 0.000+/-0.000 χ^2/NDF : 9.4/7

In: -0.000+/-0.000 χ^2/NDF : 6.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.4/7

asym_sam_37_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 113451.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 111726.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

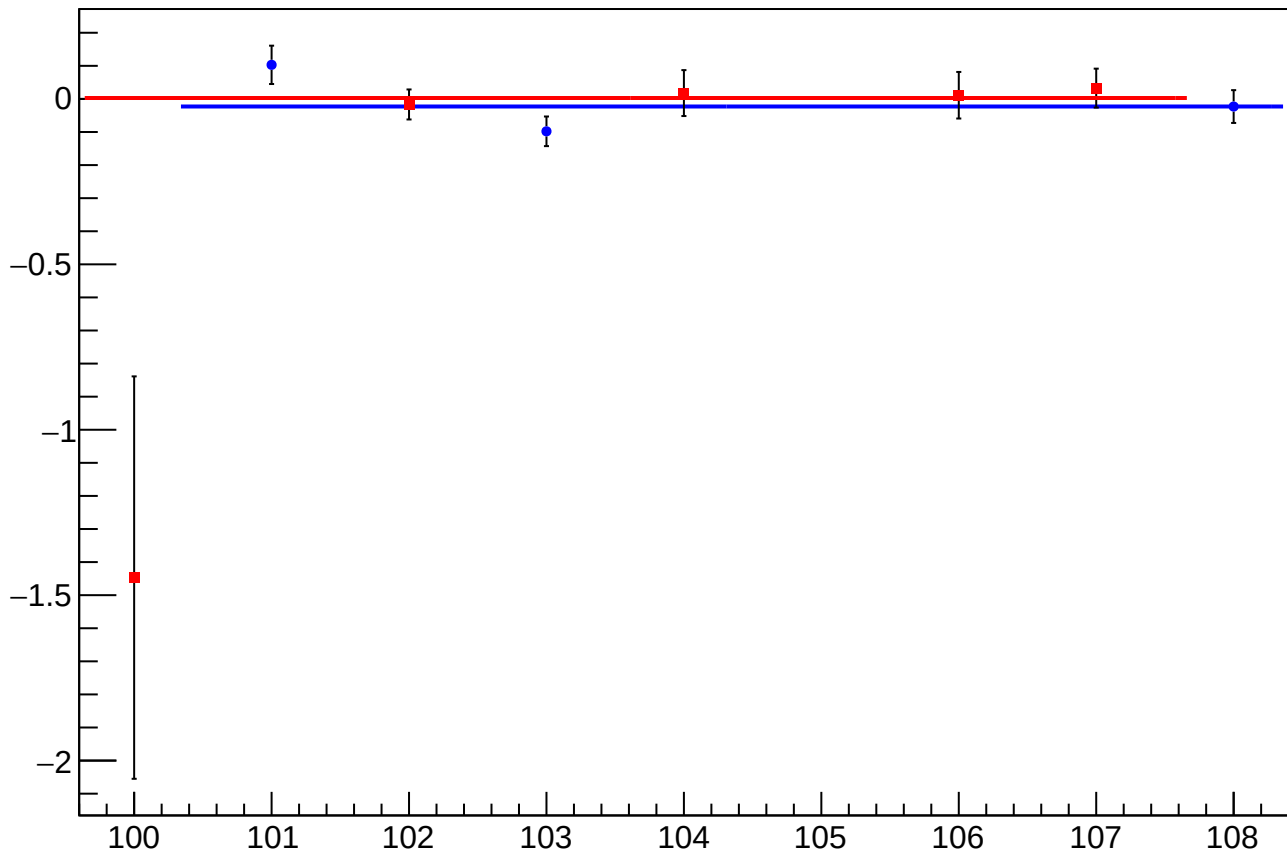
Right: 0.000+/-0.000 χ^2/NDF : 252701.3/7

In: 0.000+/-0.000 χ^2/NDF : 113451.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 252701.3/7

asym_sam_37_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.023 $\pm$ 0.029 χ^2 /NDF: 7.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.029 χ^2 /NDF: 6.2/4

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

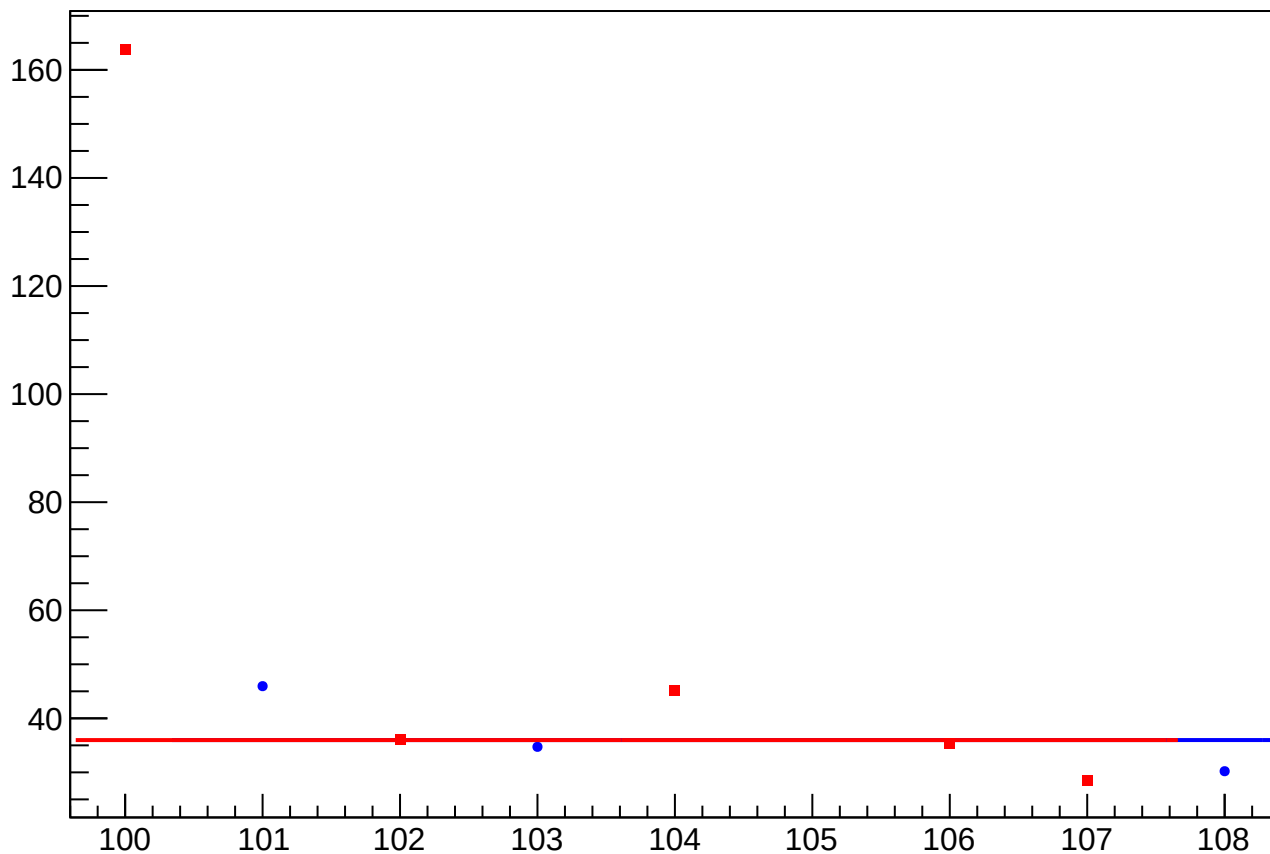
Right: -0.010 $\pm$ 0.020 χ^2 /NDF: 14.1/7

In: -0.023 $\pm$ 0.029 χ^2 /NDF:7.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.010 $\pm$ 0.020 χ^2 /NDF: 14.1/7

asym_sam_37_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.980+/-0.020 χ^2/NDF : 87855.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.975+/-0.021 χ^2/NDF : 155789.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

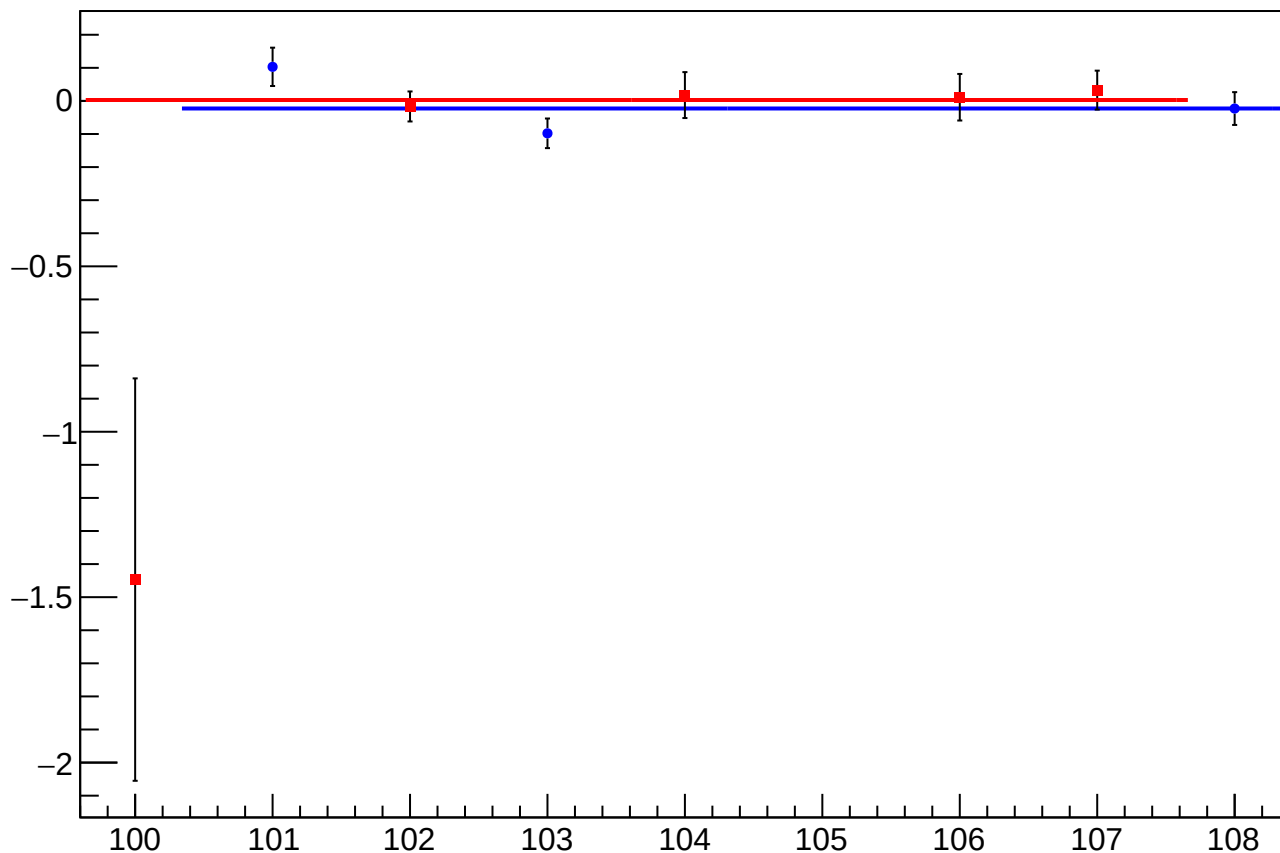
Right: 35.977+/-0.014 χ^2/NDF : 243644.6/7

In: 35.980+/-0.020 χ^2/NDF : 87855.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.977+/-0.014 χ^2/NDF : 243644.6/7

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.023+/-0.029 χ^2/NDF : 7.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.029 χ^2/NDF : 6.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

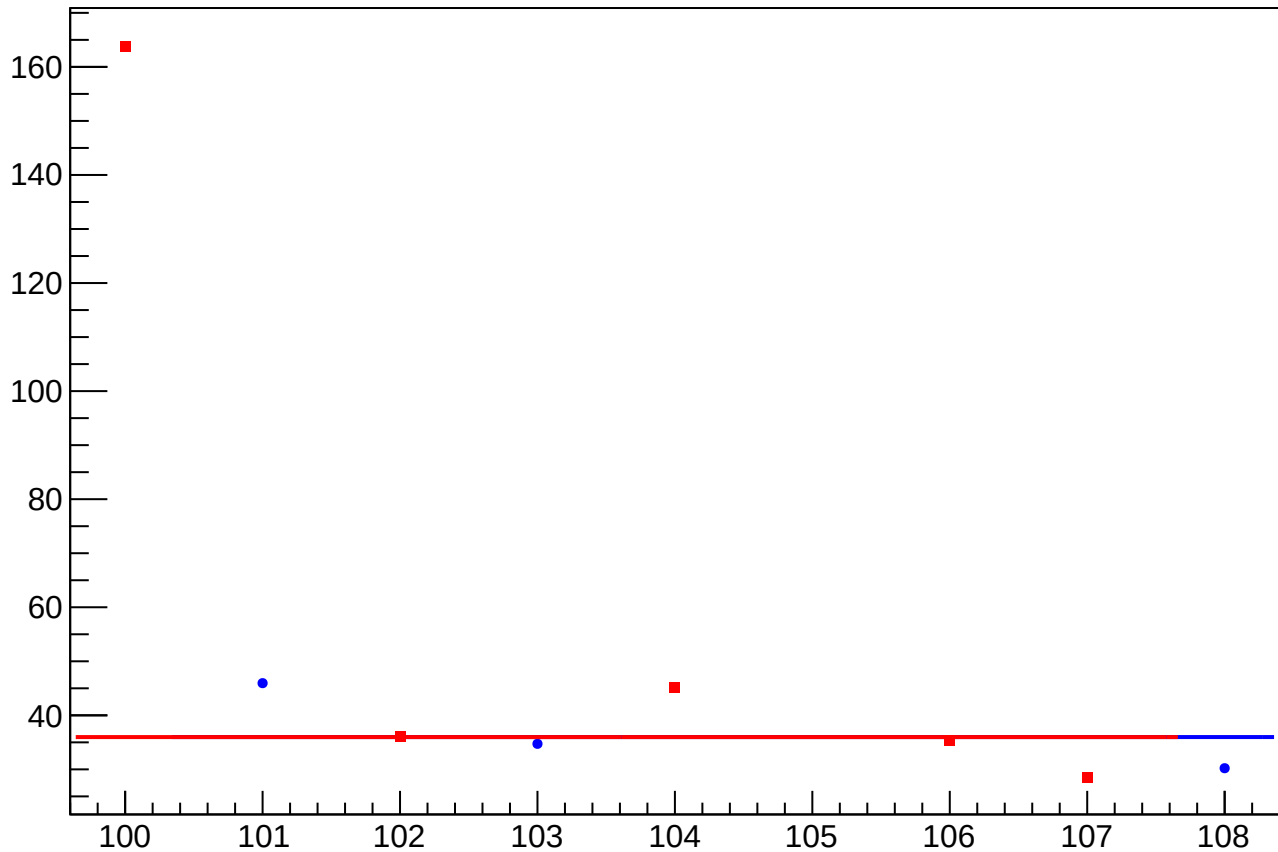
Right: -0.010+/-0.020 χ^2/NDF : 14.1/7

In: -0.023+/-0.029 χ^2/NDF : 7.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.020 χ^2/NDF : 14.1/7

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.980+/-0.020 χ^2/NDF : 87855.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.975+/-0.021 χ^2/NDF : 155789.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

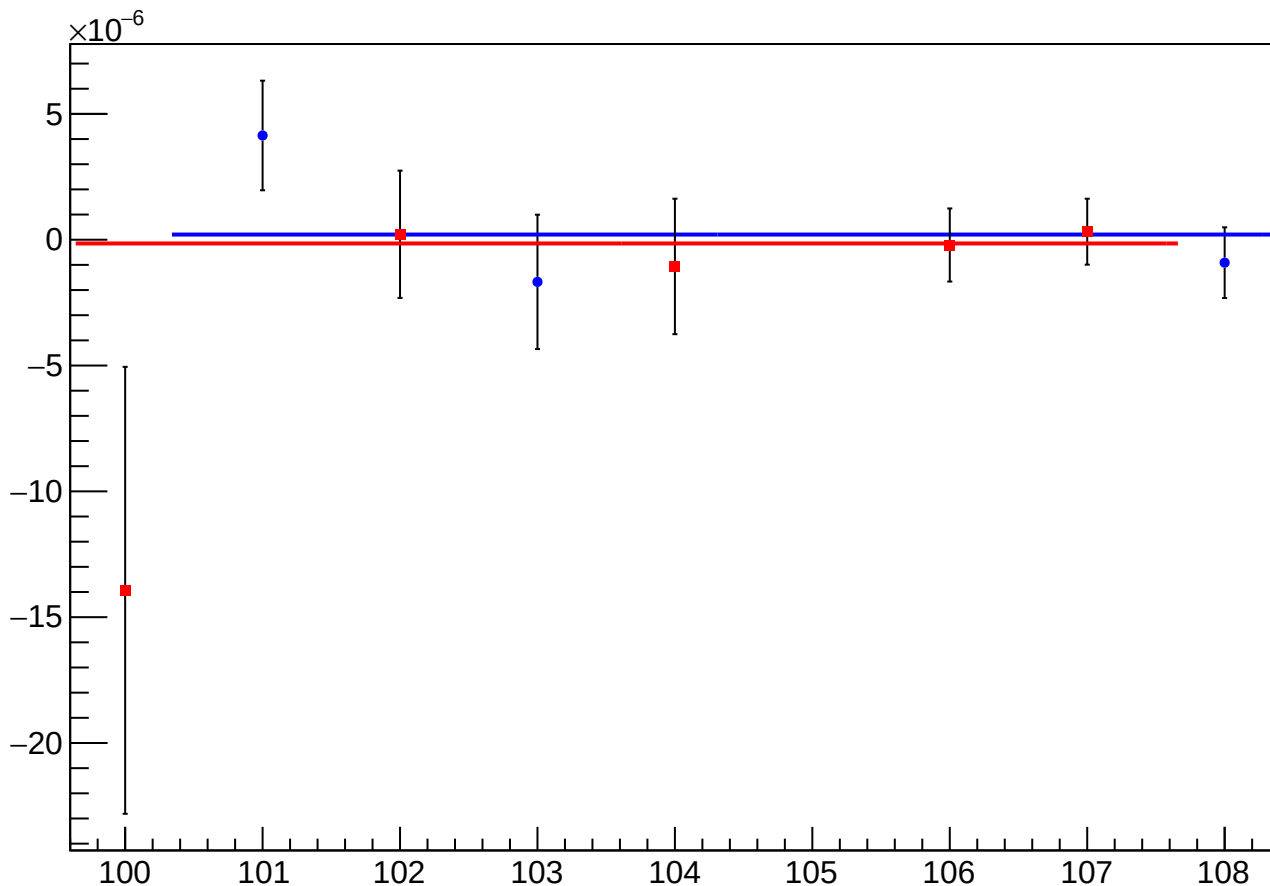
Right: 35.977+/-0.014 χ^2/NDF : 243644.6/7

In: 35.980+/-0.020 χ^2/NDF : 87855.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.977+/-0.014 χ^2/NDF : 243644.6/7

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

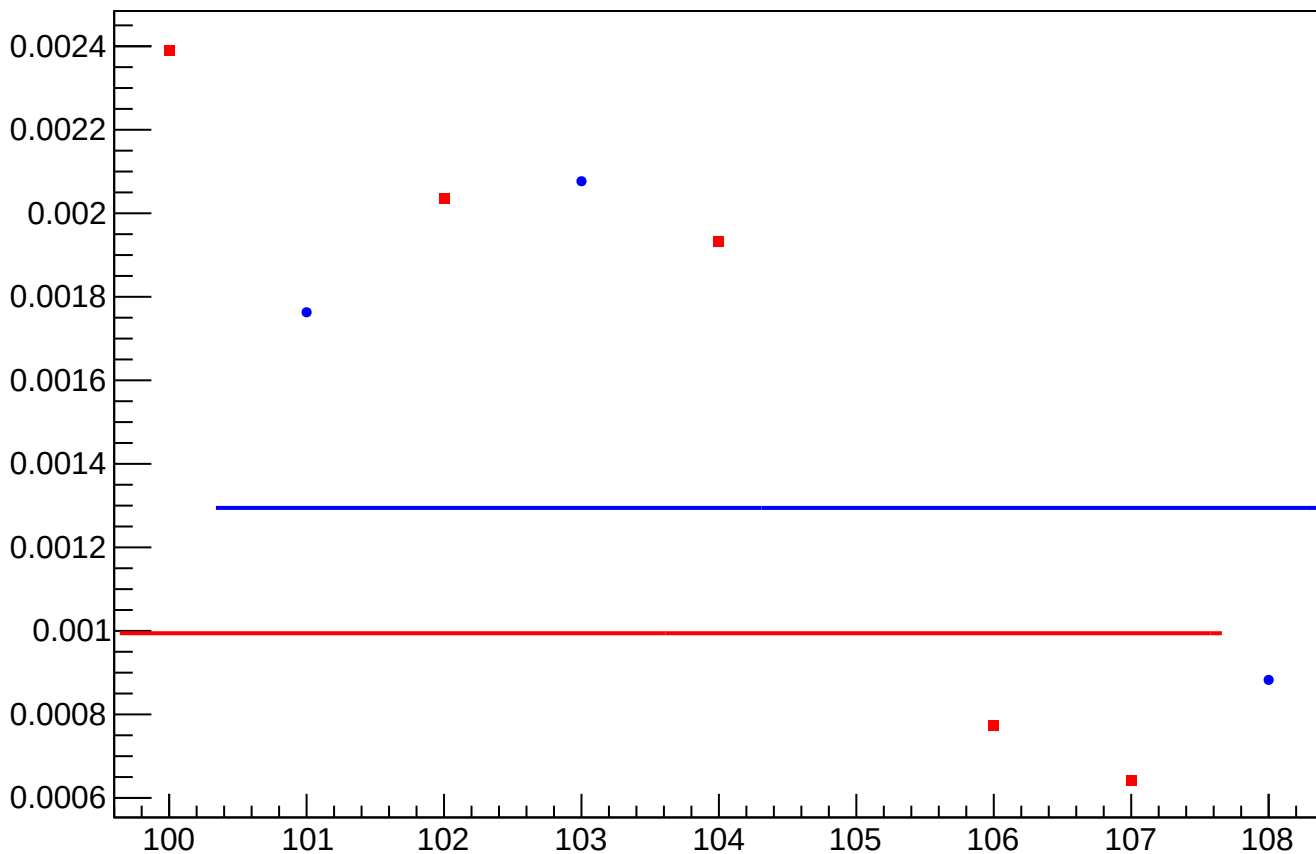
Right: -0.000+/-0.000 χ^2/NDF : 7.1/7

In: 0.000+/-0.000 χ^2/NDF : 4.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.1/7

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 436087.9/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 823368.4/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

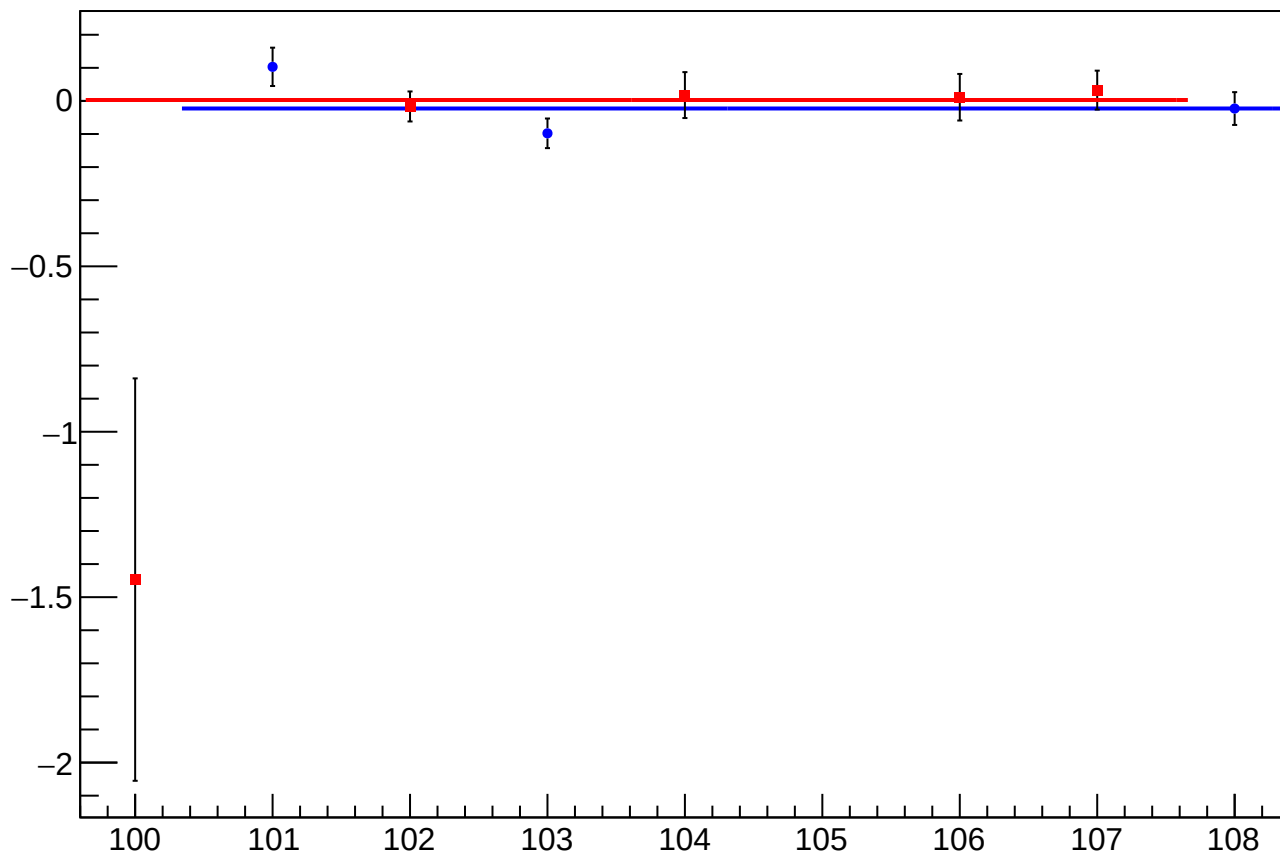
Right: 0.001+/-0.000 χ^2/NDF : 1354262.0/7

In: 0.001+/-0.000 χ^2/NDF :436087.9/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1354262.0/7

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.023+/-0.029 χ^2/NDF : 7.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.029 χ^2/NDF : 6.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

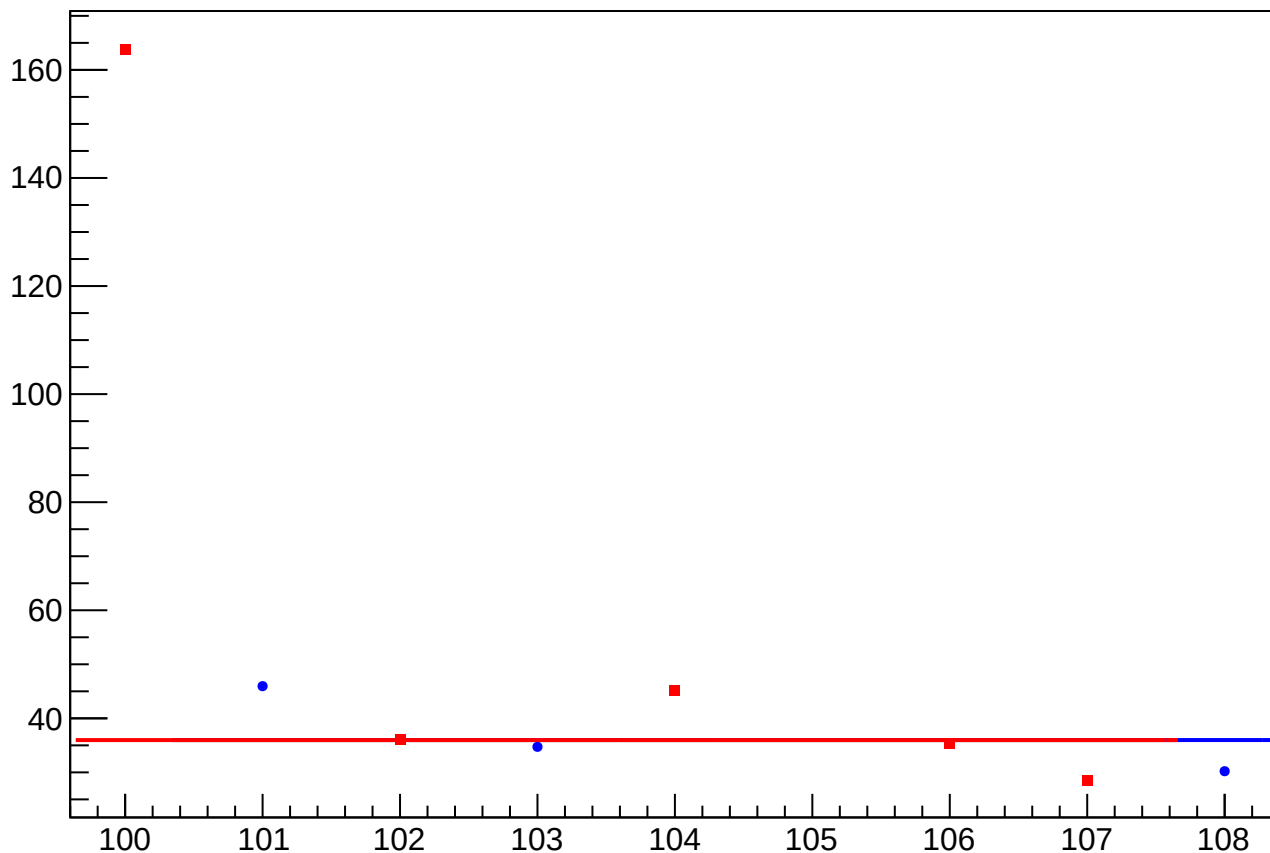
Right: -0.010+/-0.020 χ^2/NDF : 14.1/7

In: -0.023+/-0.029 χ^2/NDF : 7.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.020 χ^2/NDF : 14.1/7

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.980+/-0.020 χ^2/NDF : 87860.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.975+/-0.021 χ^2/NDF : 155795.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

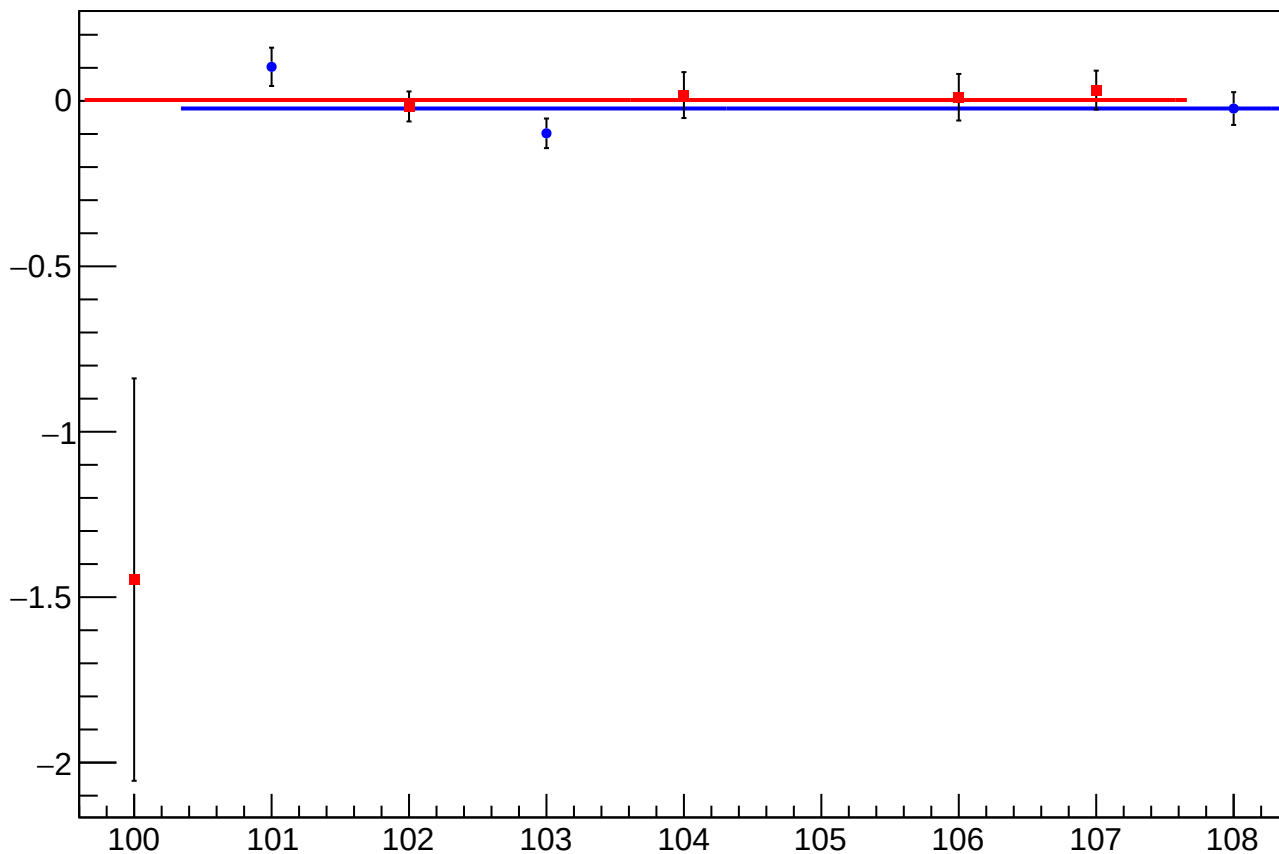
Right: 35.978+/-0.014 χ^2/NDF : 243656.1/7

In: 35.980+/-0.020 χ^2/NDF : 87860.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.978+/-0.014 χ^2/NDF : 243656.1/7

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.023 $\pm$ 0.029 χ^2 /NDF: 7.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.029 χ^2 /NDF: 6.2/4

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

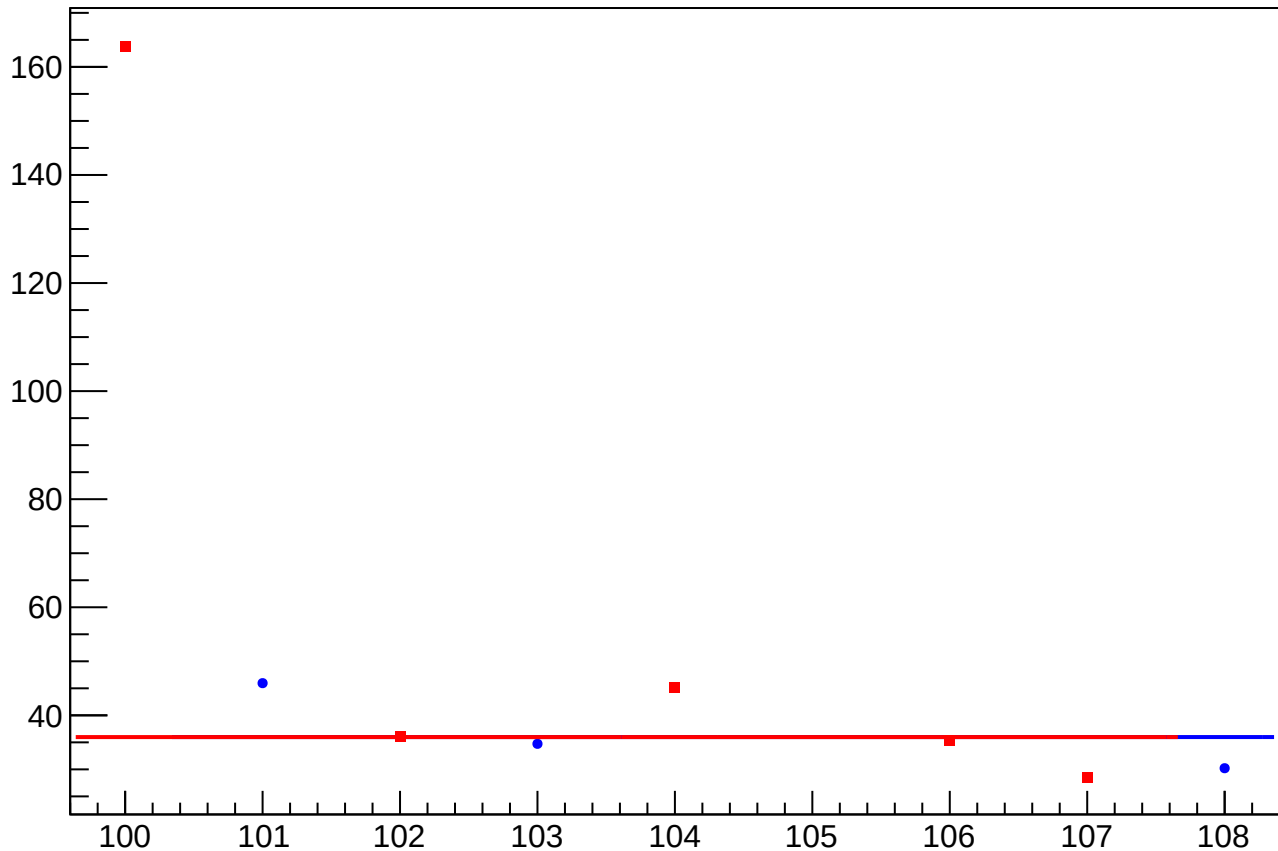
Right: -0.010 $\pm$ 0.020 χ^2 /NDF: 14.1/7

In: -0.023 $\pm$ 0.029 χ^2 /NDF:7.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.010 $\pm$ 0.020 χ^2 /NDF: 14.1/7

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.980 $\pm$ 0.020 χ^2 /NDF: 87860.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 35.975 $\pm$ 0.021 χ^2 /NDF: 155795.5/4

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

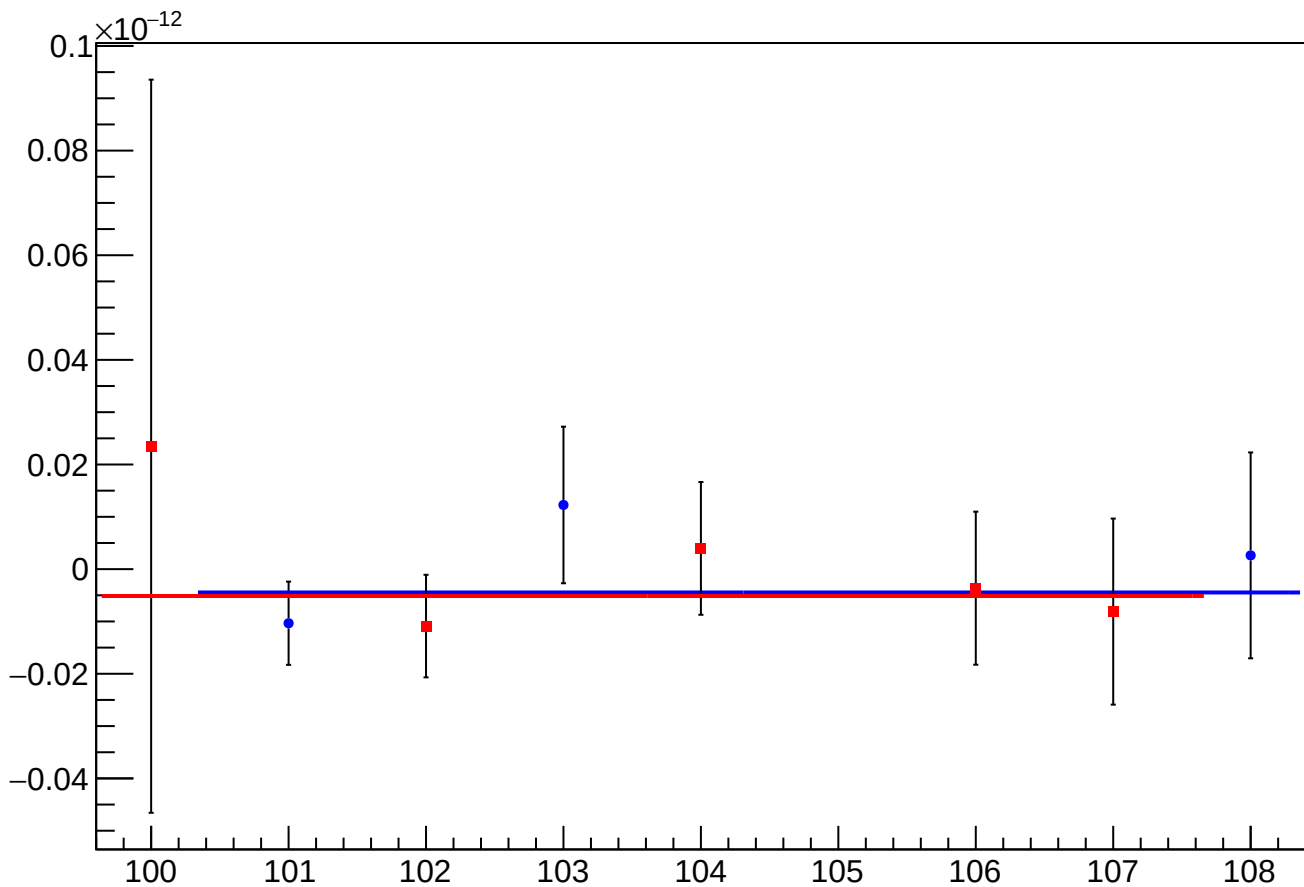
Right: 35.978 $\pm$ 0.014 χ^2 /NDF: 243656.1/7

In: 35.980 $\pm$ 0.020 χ^2 /NDF:87860.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 35.978 $\pm$ 0.014 χ^2 /NDF: 243656.1/7

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 1.9/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 1.1/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

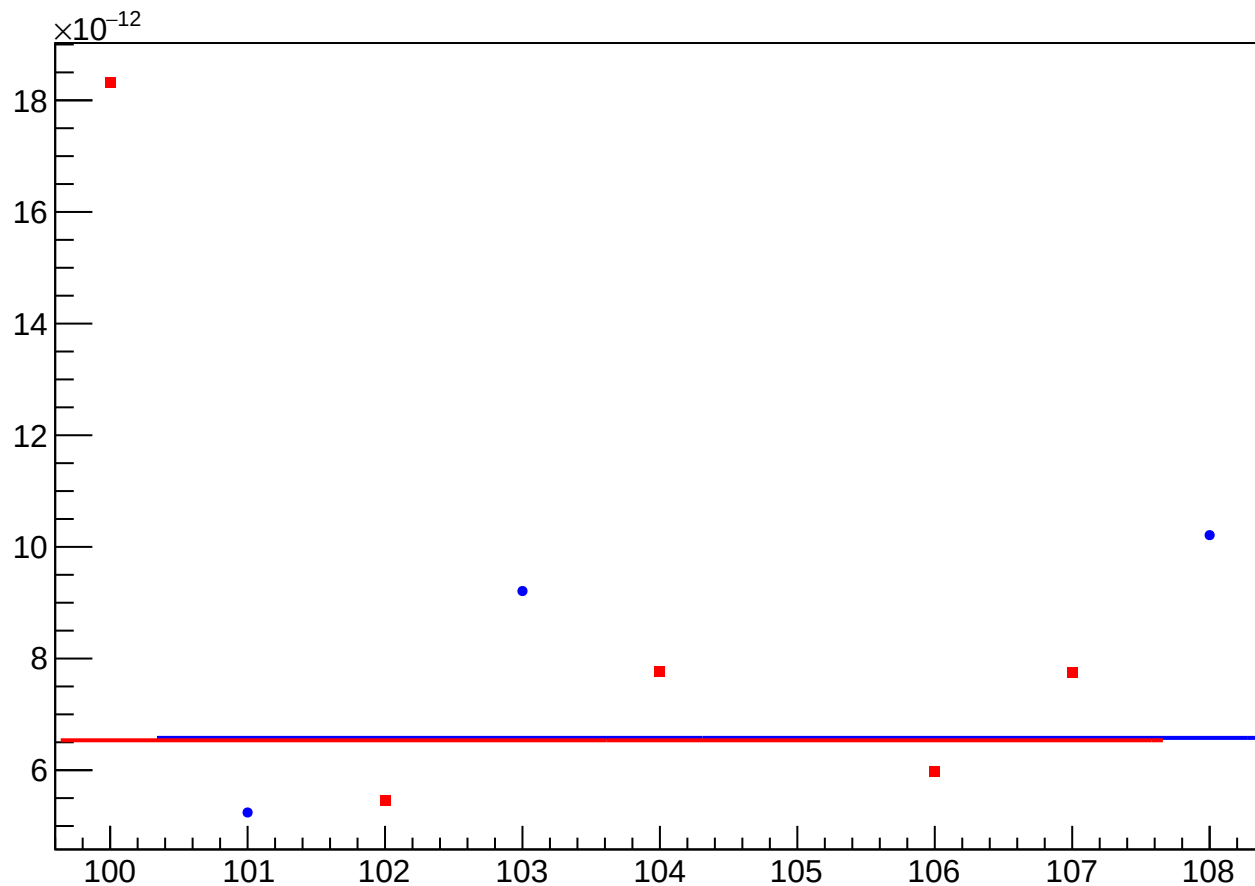
Right: -0.000+/-0.000 χ^2 /NDF: 3.0/7

In: -0.000+/-0.000 χ^2 /NDF:1.9/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 3.0/7

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 186390.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 111449.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

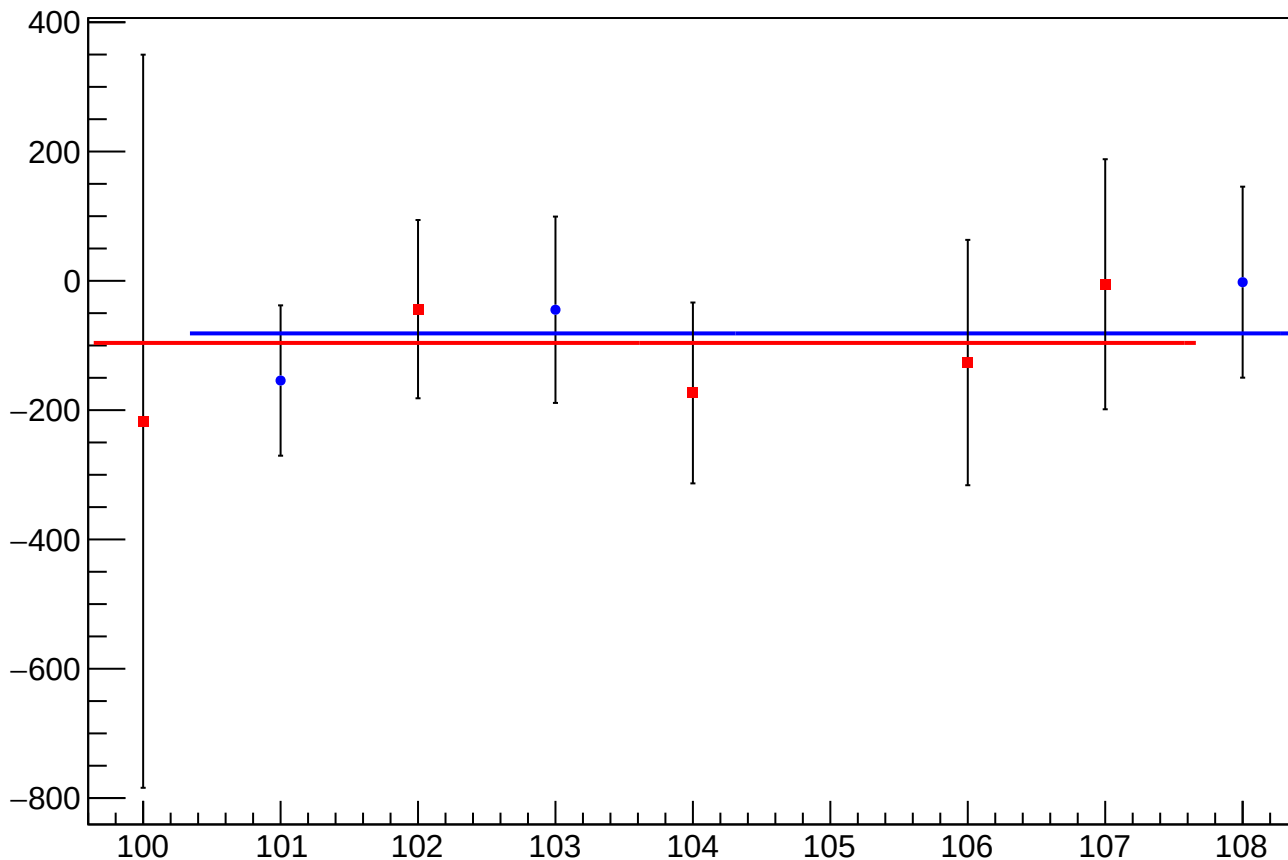
Right: 0.000+/-0.000 χ^2/NDF : 297883.9/7

In: 0.000+/-0.000 χ^2/NDF : 186390.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 297883.9/7

reg_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -81.301+/-77.161 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -96.035+/-78.726 χ^2/NDF : 0.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

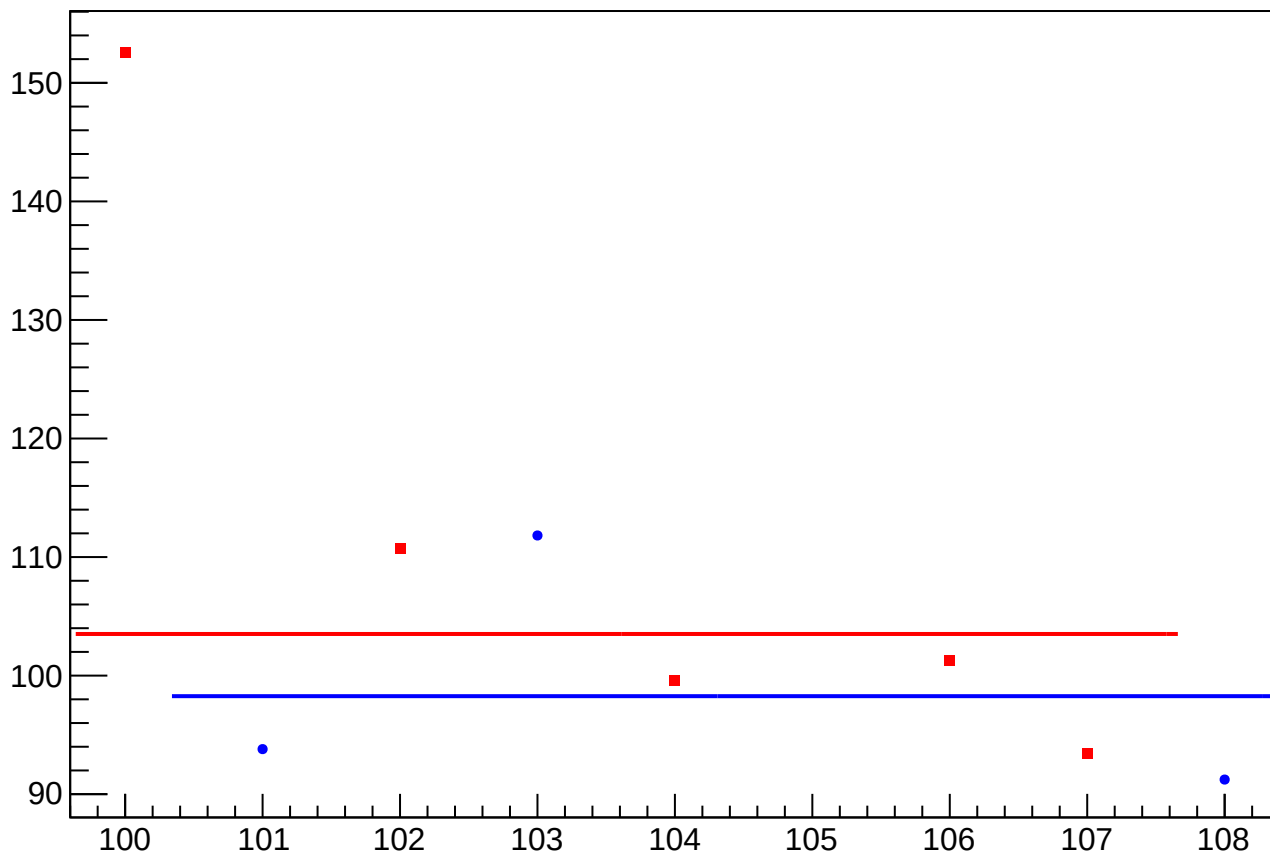
Right: -88.520+/-55.106 χ^2/NDF : 1.5/7

In: -81.301+/-77.161 χ^2/NDF : 0.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -88.520+/-55.106 χ^2/NDF : 1.5/7

reg_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 98.266+/-0.055 χ^2/NDF : 25179.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.512+/-0.056 χ^2/NDF : 27720.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

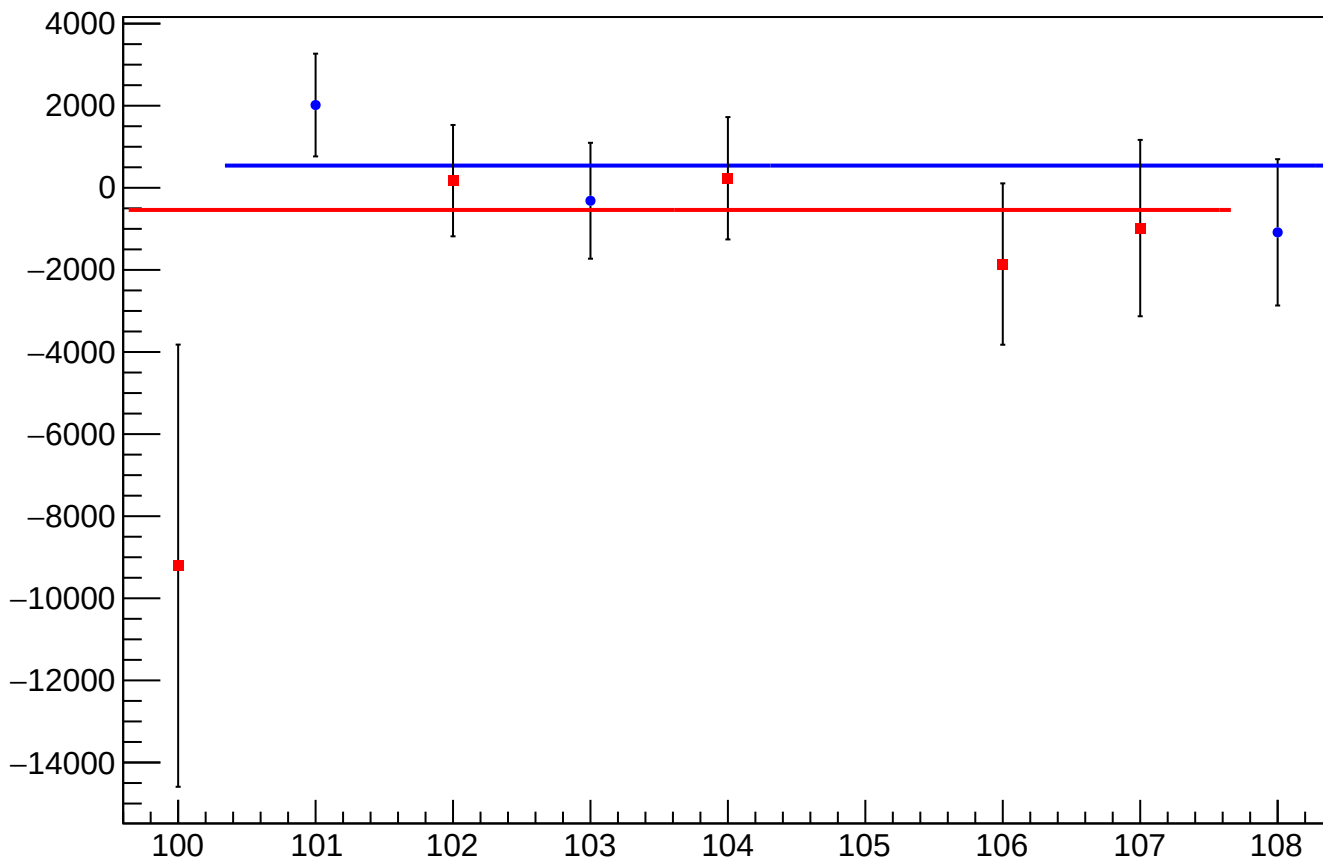
Right: 100.836+/-0.039 χ^2/NDF : 57429.5/7

In: 98.266+/-0.055 χ^2/NDF : 25179.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.836+/-0.039 χ^2/NDF : 57429.5/7

asym_sam_15_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 541.571+/-828.949 χ^2/NDF : 2.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -539.225+/-815.395 χ^2/NDF : 3.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

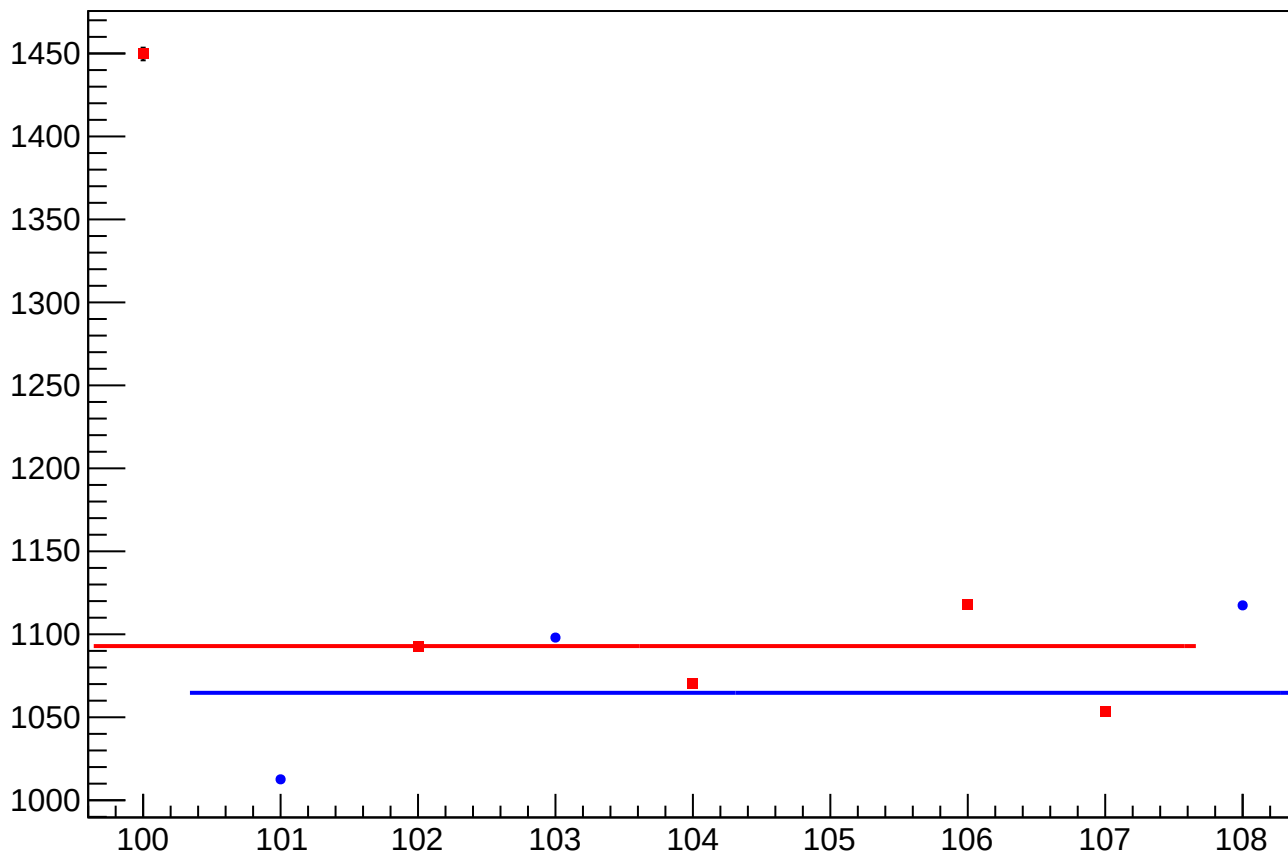
Right: -7.735+/-581.304 χ^2/NDF : 7.1/7

In: 541.571+/-828.949 χ^2/NDF : 2.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.735+/-581.304 χ^2/NDF : 7.1/7

asym_sam_15_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1064.739 $\pm$ 0.586 χ^2 /NDF: 6332.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1092.903 $\pm$ 0.577 χ^2 /NDF: 10222.7/4

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

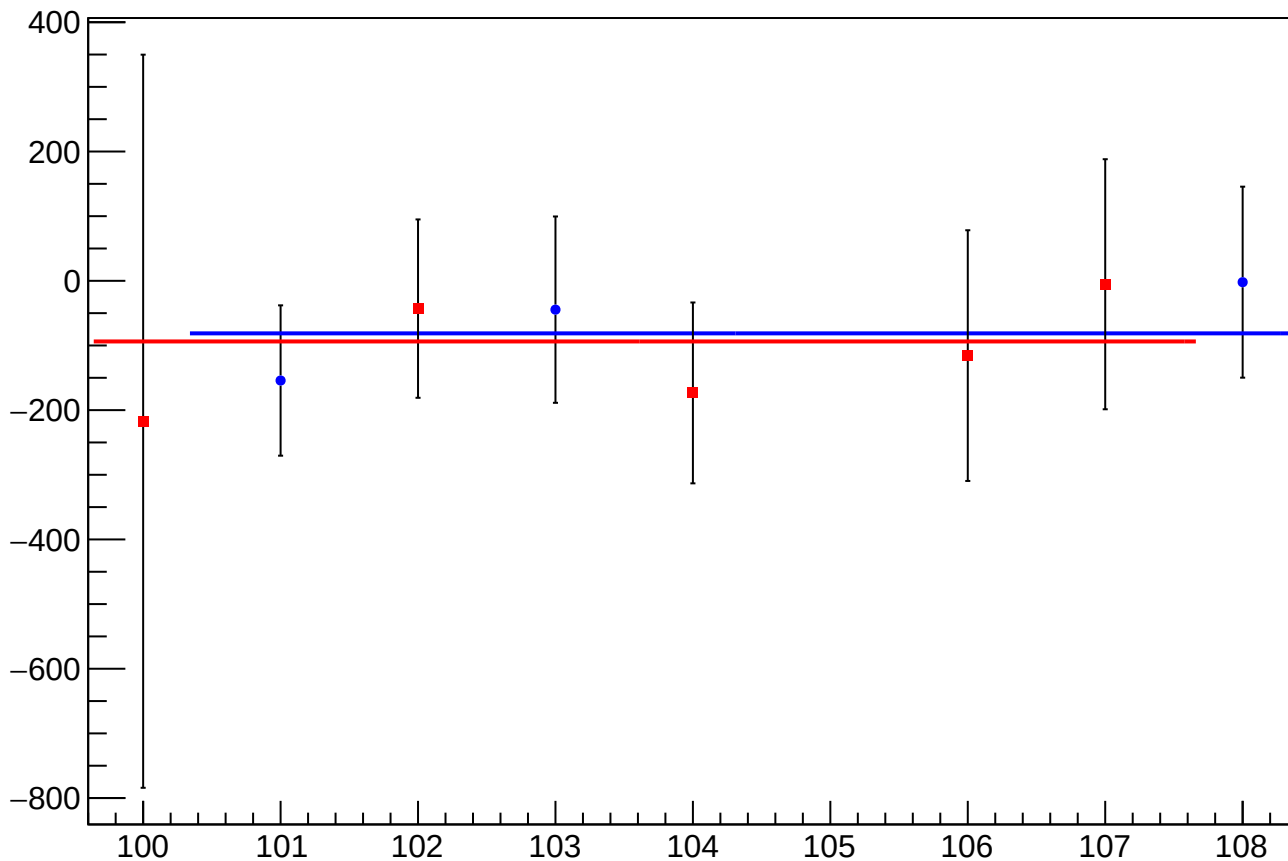
Right: 1079.053 $\pm$ 0.411 χ^2 /NDF: 17728.6/7

In: 1064.739 $\pm$ 0.586 χ^2 /NDF:6332.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1079.053 $\pm$ 0.411 χ^2 /NDF: 17728.6/7

cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -81.260+/-77.161 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -93.772+/-79.029 χ^2/NDF : 0.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

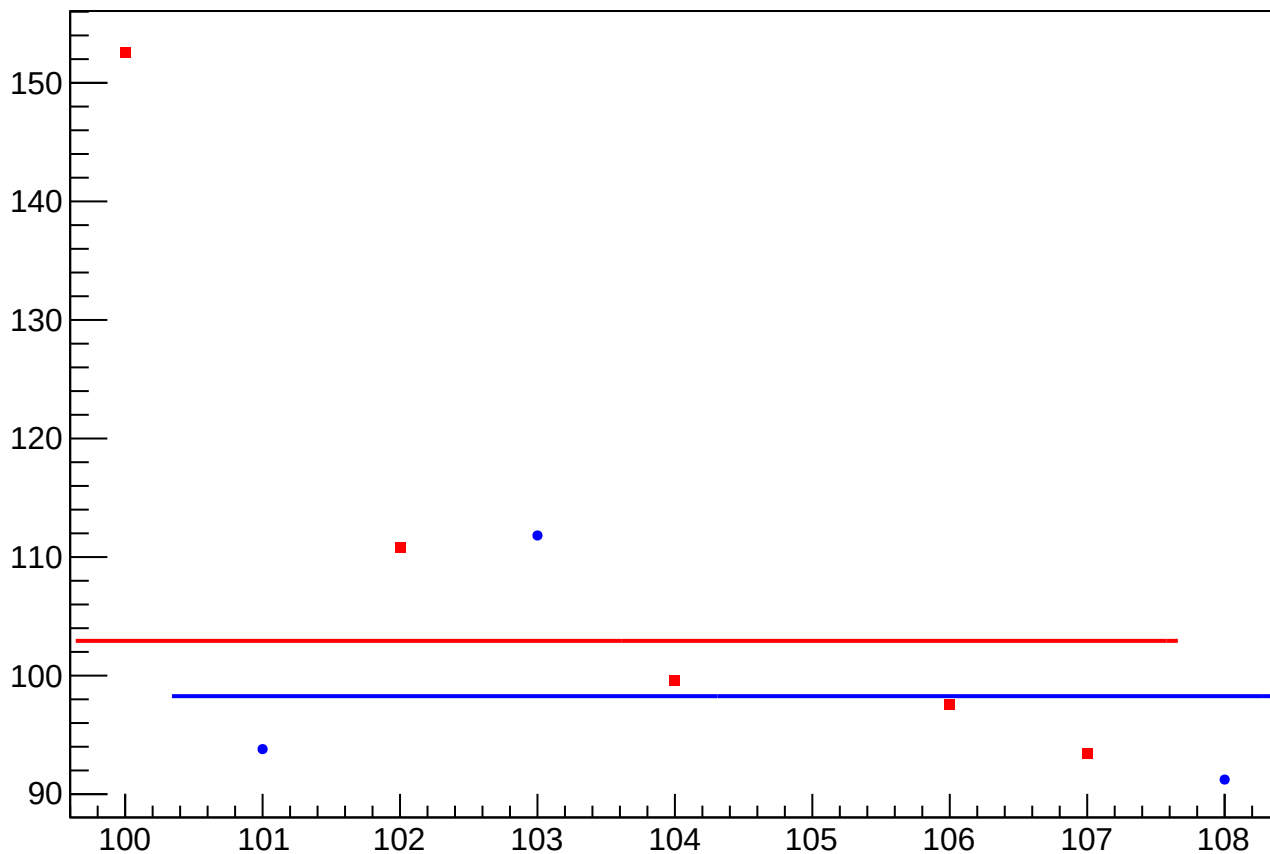
Right: -87.366+/-55.210 χ^2/NDF : 1.5/7

In: -81.260+/-77.161 χ^2/NDF : 0.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -87.366+/-55.210 χ^2/NDF : 1.5/7

cor_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 98.266+/-0.055 χ^2/NDF : 25180.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.933+/-0.056 χ^2/NDF : 29312.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

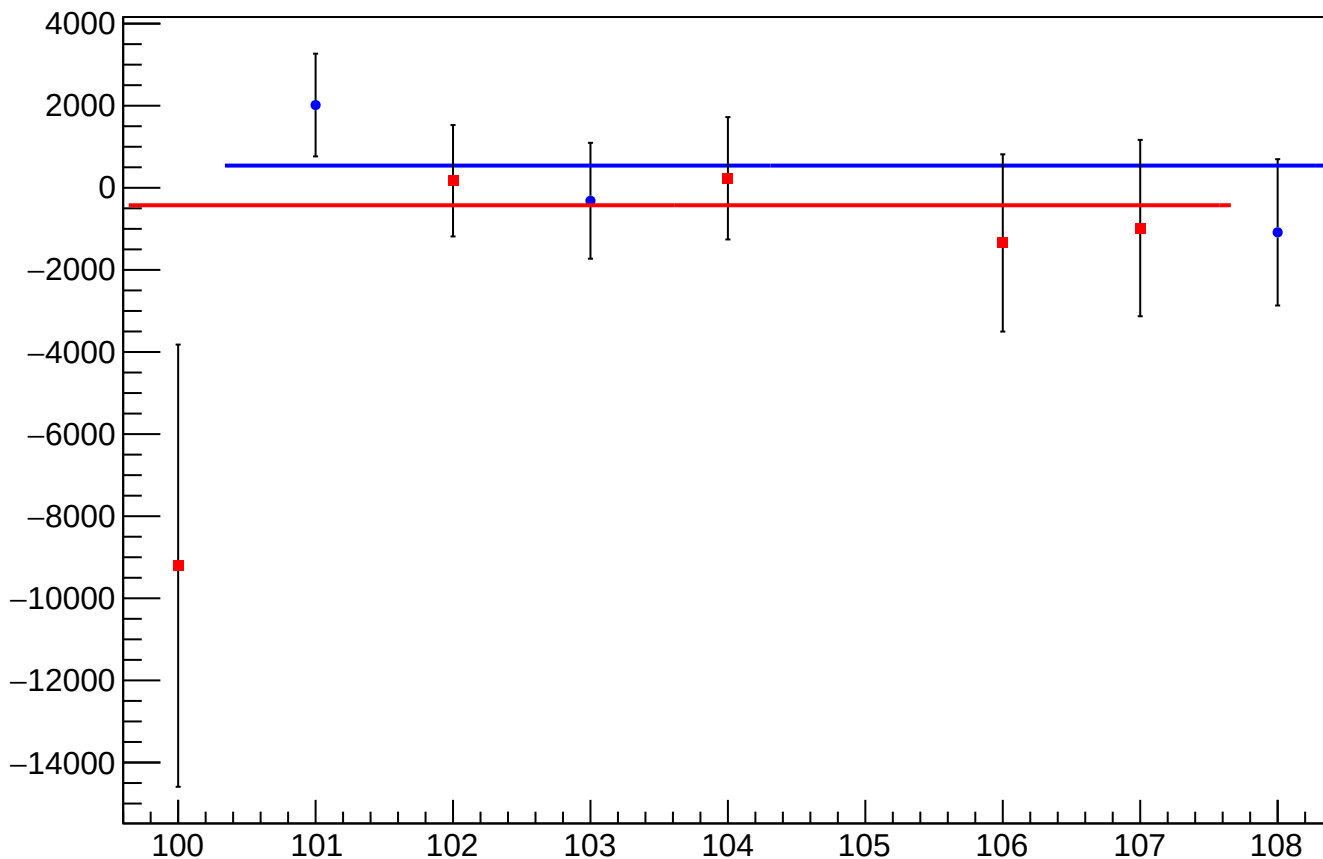
Right: 100.544+/-0.039 χ^2/NDF : 58063.5/7

In: 98.266+/-0.055 χ^2/NDF : 25180.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.544+/-0.039 χ^2/NDF : 58063.5/7

asym_sam_15_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 541.428 $\pm$ 828.965 χ^2 /NDF: 2.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -425.007 $\pm$ 827.887 χ^2 /NDF: 3.3/4

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

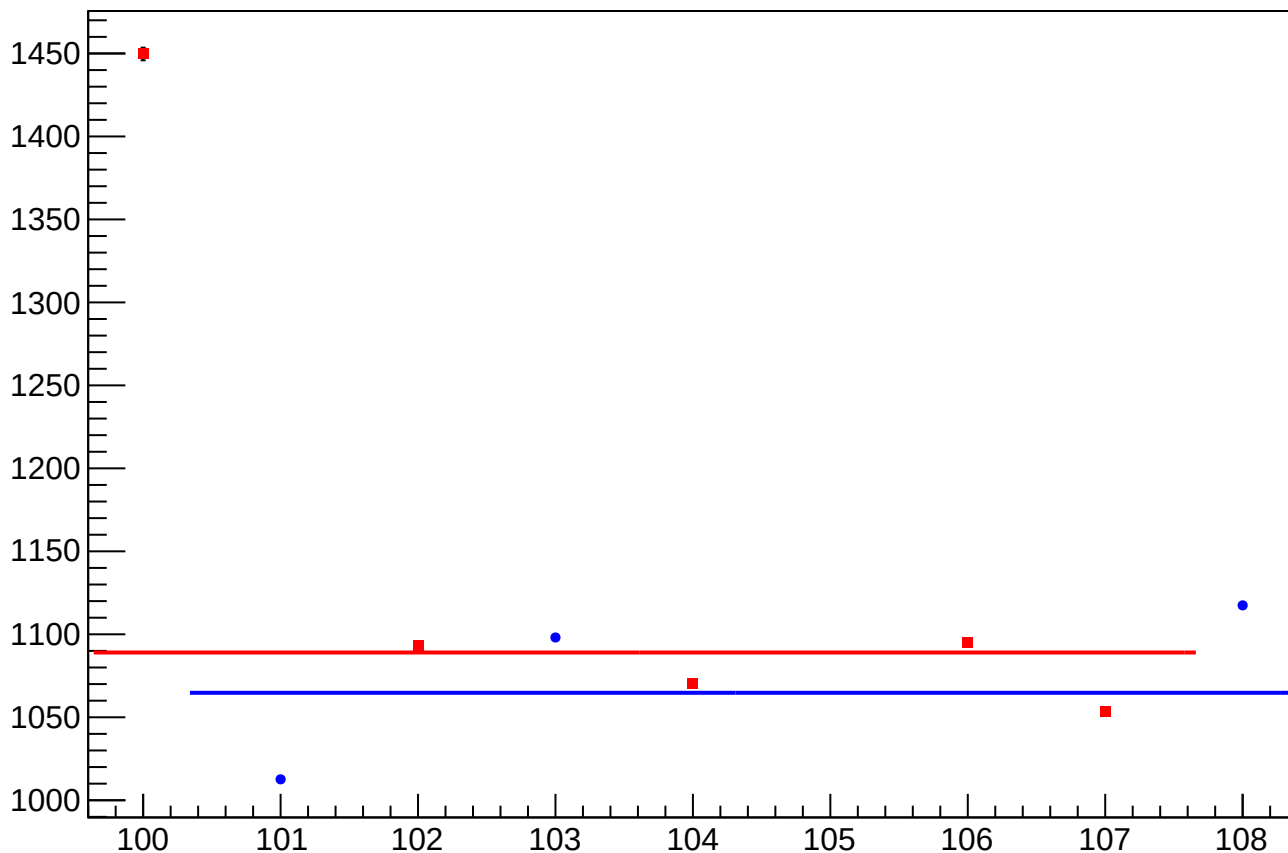
Right: 57.582 $\pm$ 585.785 χ^2 /NDF: 6.6/7

In: 541.428 $\pm$ 828.965 χ^2 /NDF:2.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 57.582 $\pm$ 585.785 χ^2 /NDF: 6.6/7

asym_sam_15_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1064.757+/-0.586 χ^2/NDF : 6335.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1089.040+/-0.585 χ^2/NDF : 9861.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

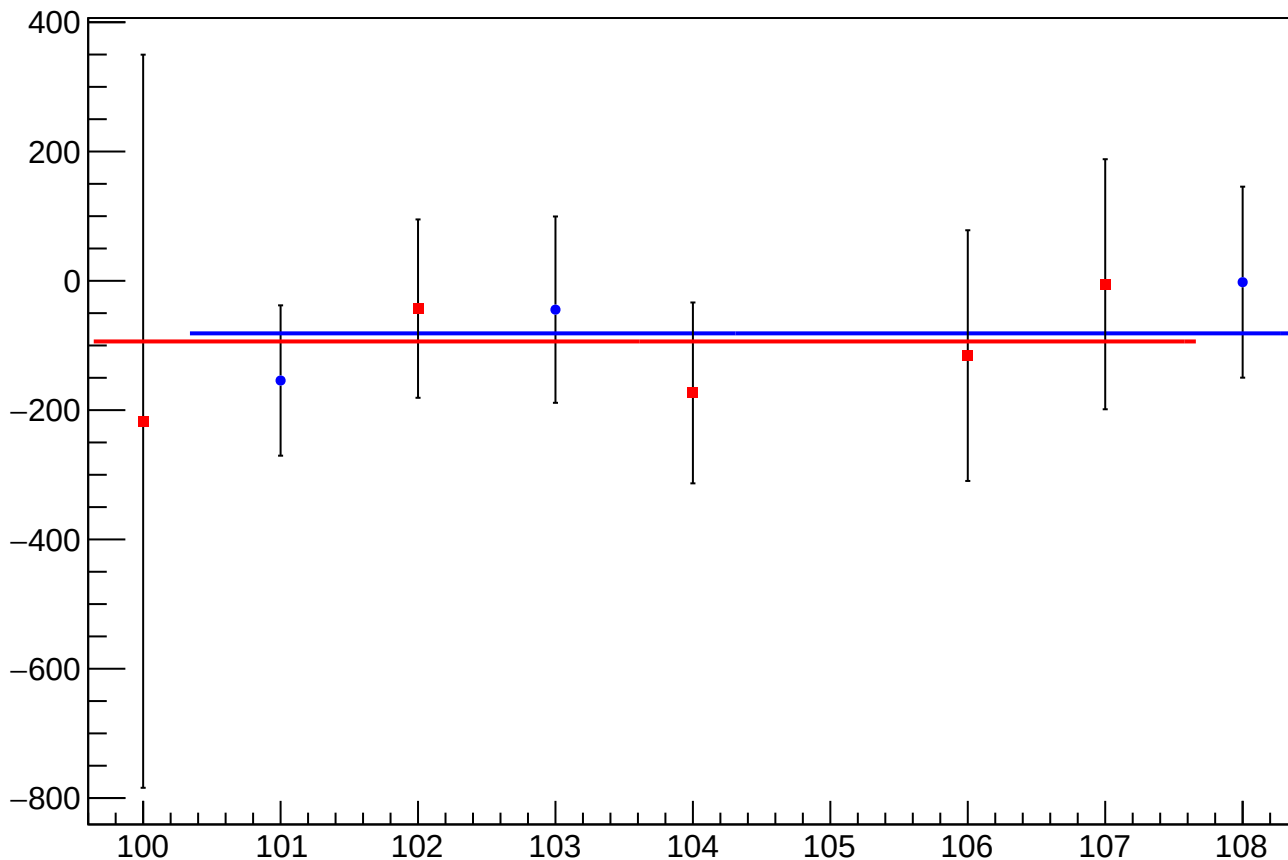
Right: 1076.914+/-0.414 χ^2/NDF : 17056.9/7

In: 1064.757+/-0.586 χ^2/NDF : 6335.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1076.914+/-0.414 χ^2/NDF : 17056.9/7

eigen_cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -81.260+/-77.161 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -93.772+/-79.029 χ^2/NDF : 0.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

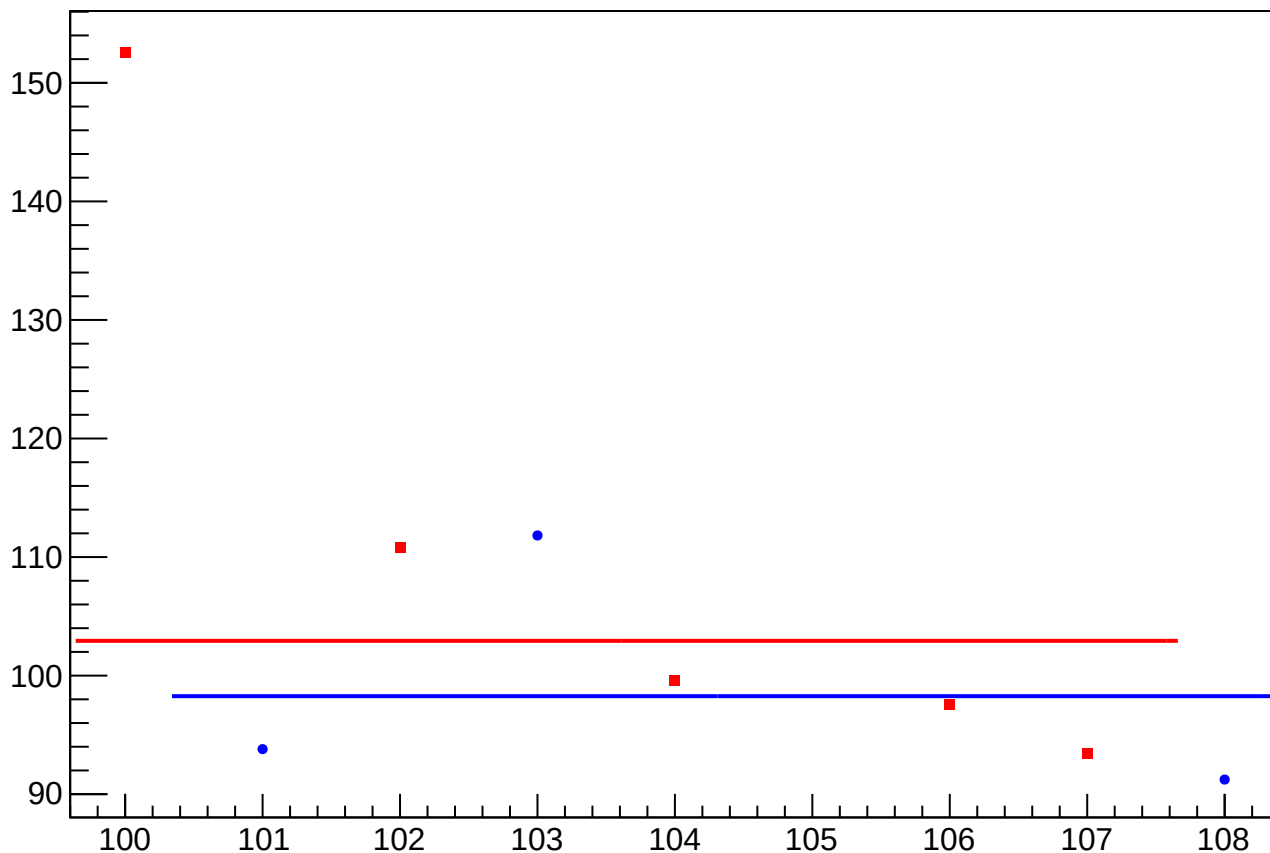
Right: -87.366+/-55.210 χ^2/NDF : 1.5/7

In: -81.260+/-77.161 χ^2/NDF : 0.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -87.366+/-55.210 χ^2/NDF : 1.5/7

eigen_cor_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 98.266+/-0.055 χ^2/NDF : 25180.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.933+/-0.056 χ^2/NDF : 29312.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

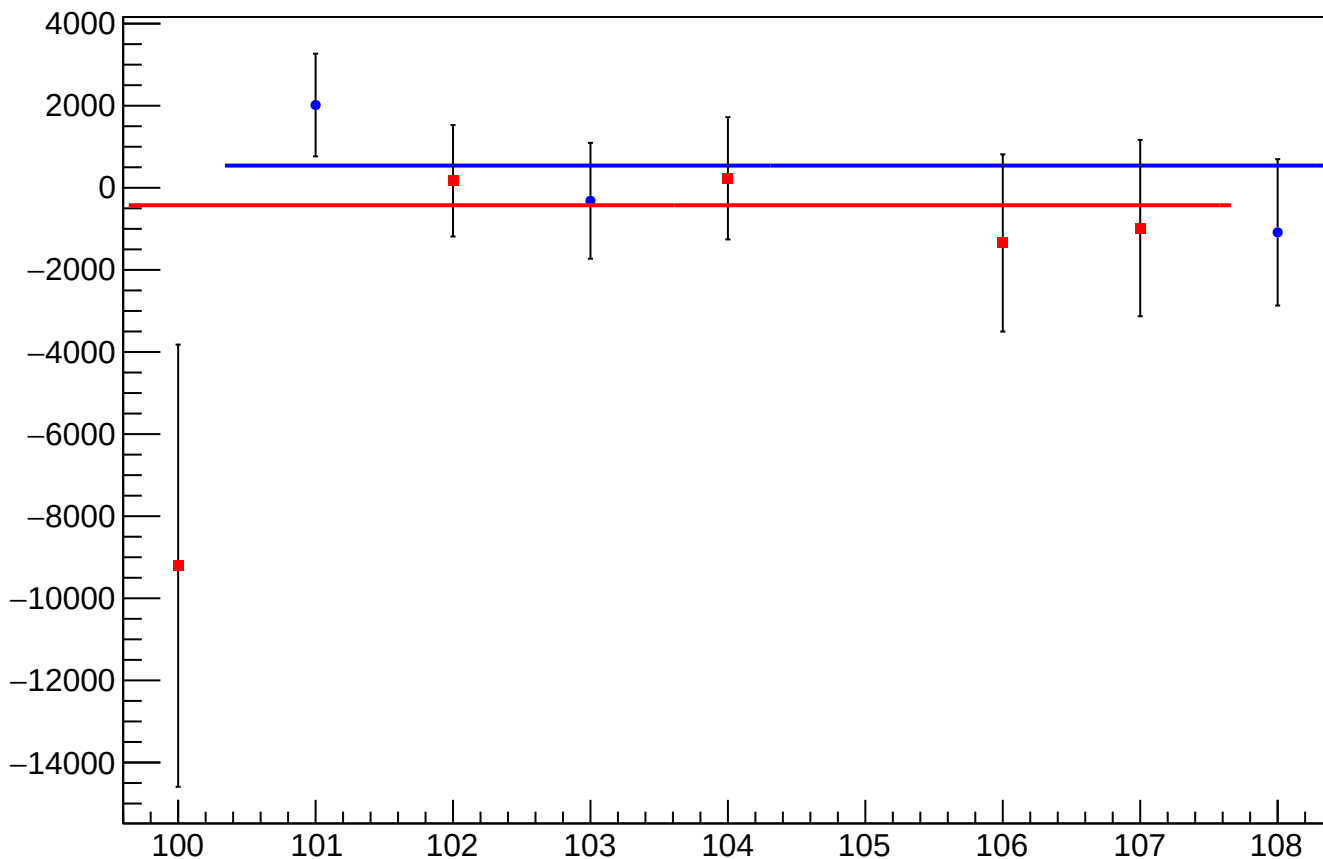
Right: 100.544+/-0.039 χ^2/NDF : 58063.5/7

In: 98.266+/-0.055 χ^2/NDF : 25180.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.544+/-0.039 χ^2/NDF : 58063.5/7

asym_sam_15_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 541.428+/-828.965 χ^2/NDF : 2.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -425.007+/-827.887 χ^2/NDF : 3.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

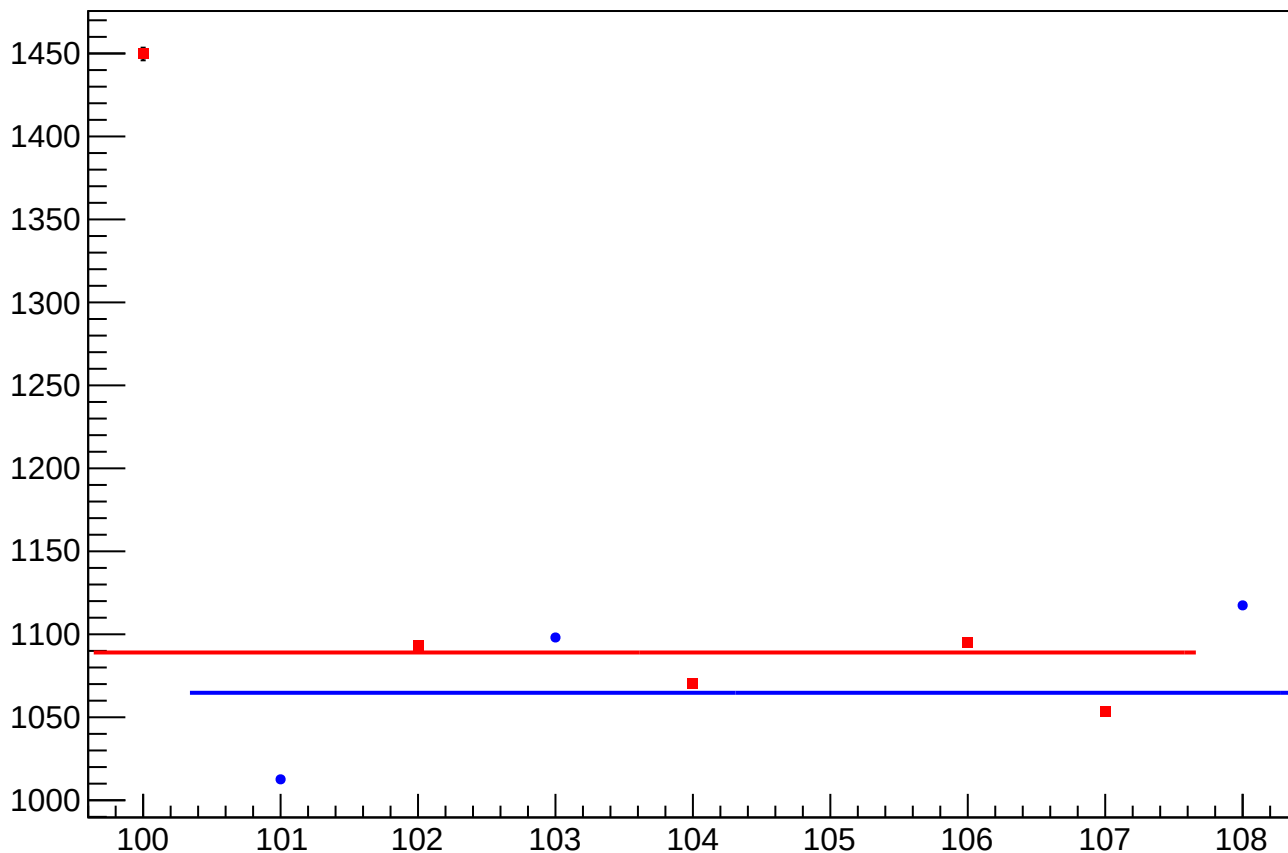
Right: 57.582+/-585.785 χ^2/NDF : 6.6/7

In: 541.428+/-828.965 χ^2/NDF : 2.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.582+/-585.785 χ^2/NDF : 6.6/7

asym_sam_15_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1064.757+/-0.586 χ^2/NDF : 6335.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1089.040+/-0.585 χ^2/NDF : 9861.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

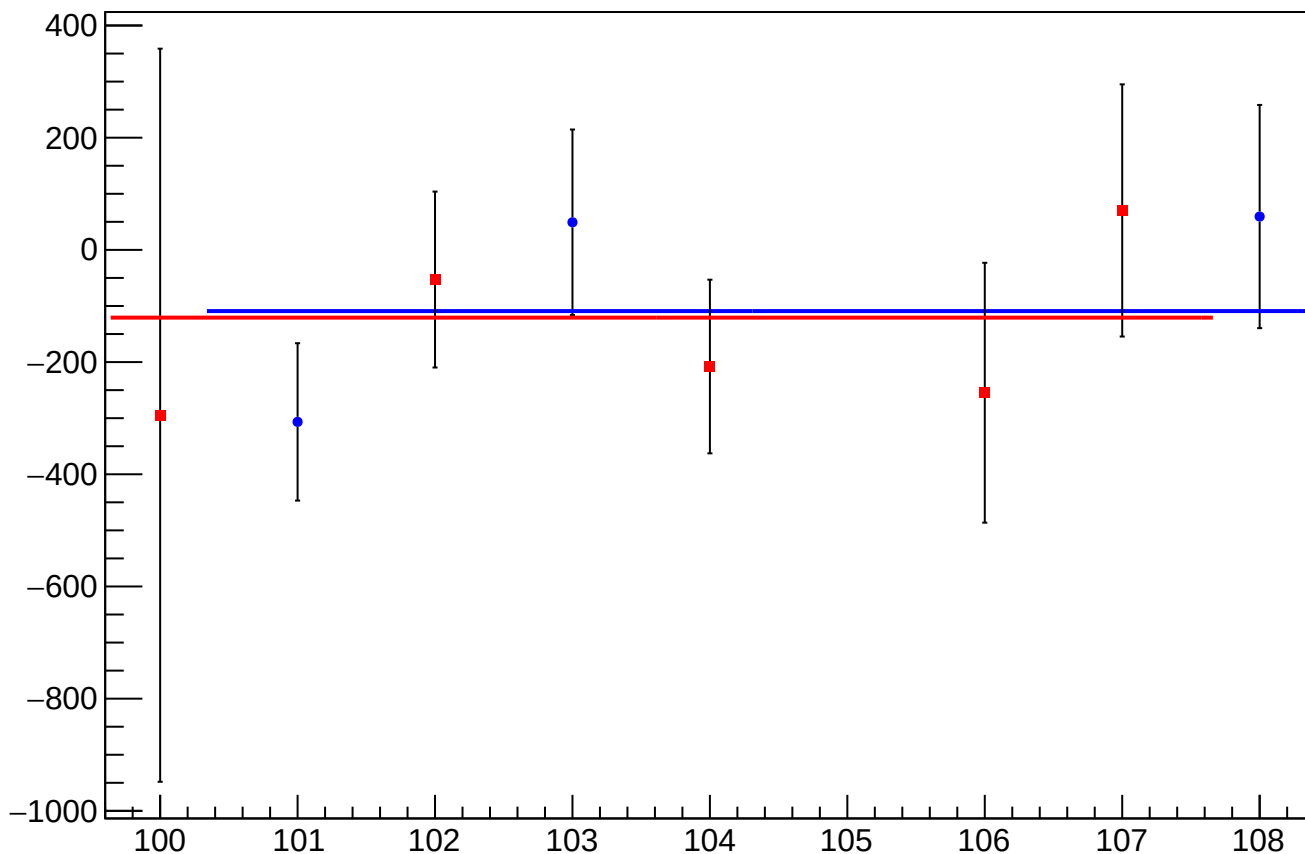
Right: 1076.914+/-0.414 χ^2/NDF : 17056.9/7

In: 1064.757+/-0.586 χ^2/NDF : 6335.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1076.914+/-0.414 χ^2/NDF : 17056.9/7

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -109.092 $\pm$ 94.218 χ^2 /NDF: 3.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -120.743 $\pm$ 90.101 χ^2 /NDF: 1.6/4

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

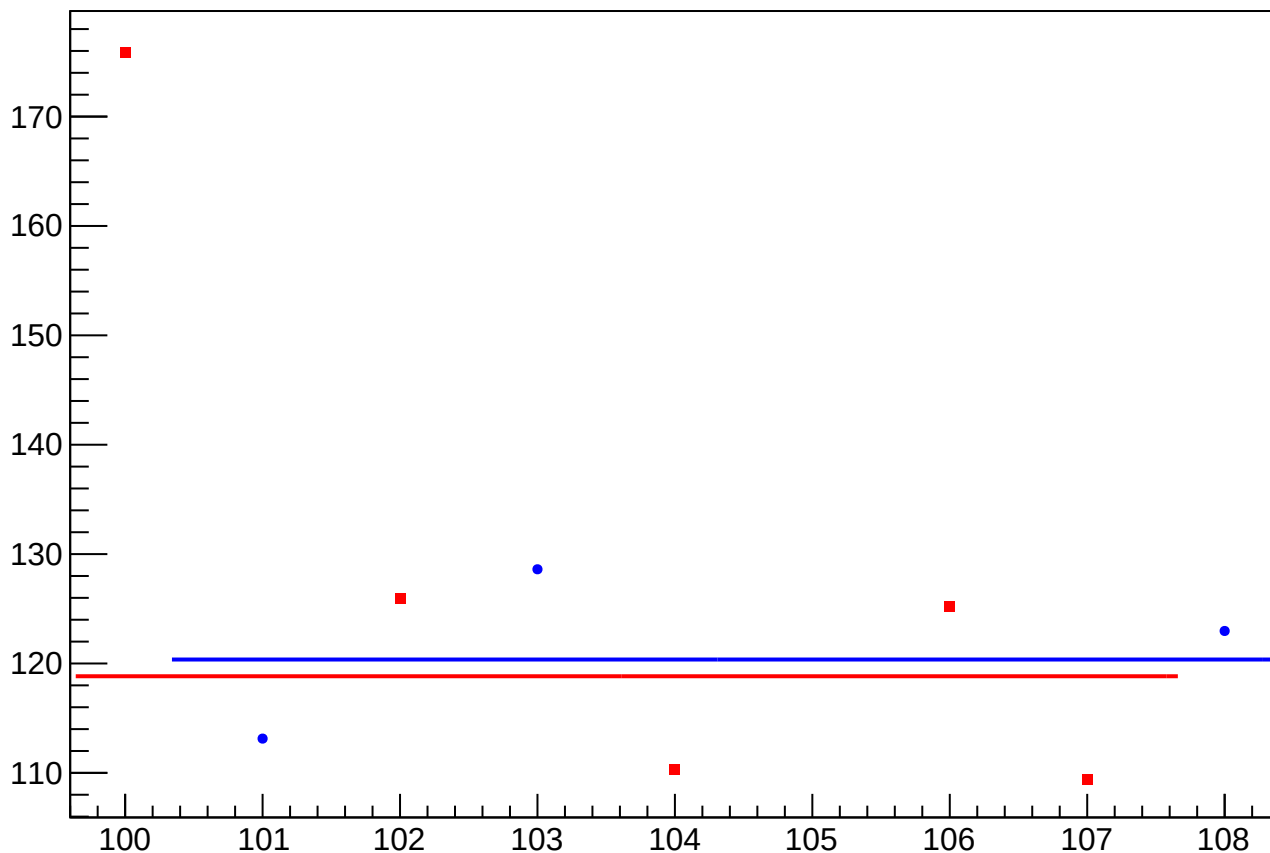
Right: -115.177 $\pm$ 65.118 χ^2 /NDF: 5.3/7

In: -109.092 $\pm$ 94.218 χ^2 /NDF:3.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -115.177 $\pm$ 65.118 χ^2 /NDF: 5.3/7

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 120.362 $\pm$ 0.067 χ^2 /NDF: 10635.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 118.833 $\pm$ 0.064 χ^2 /NDF: 30445.9/4

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

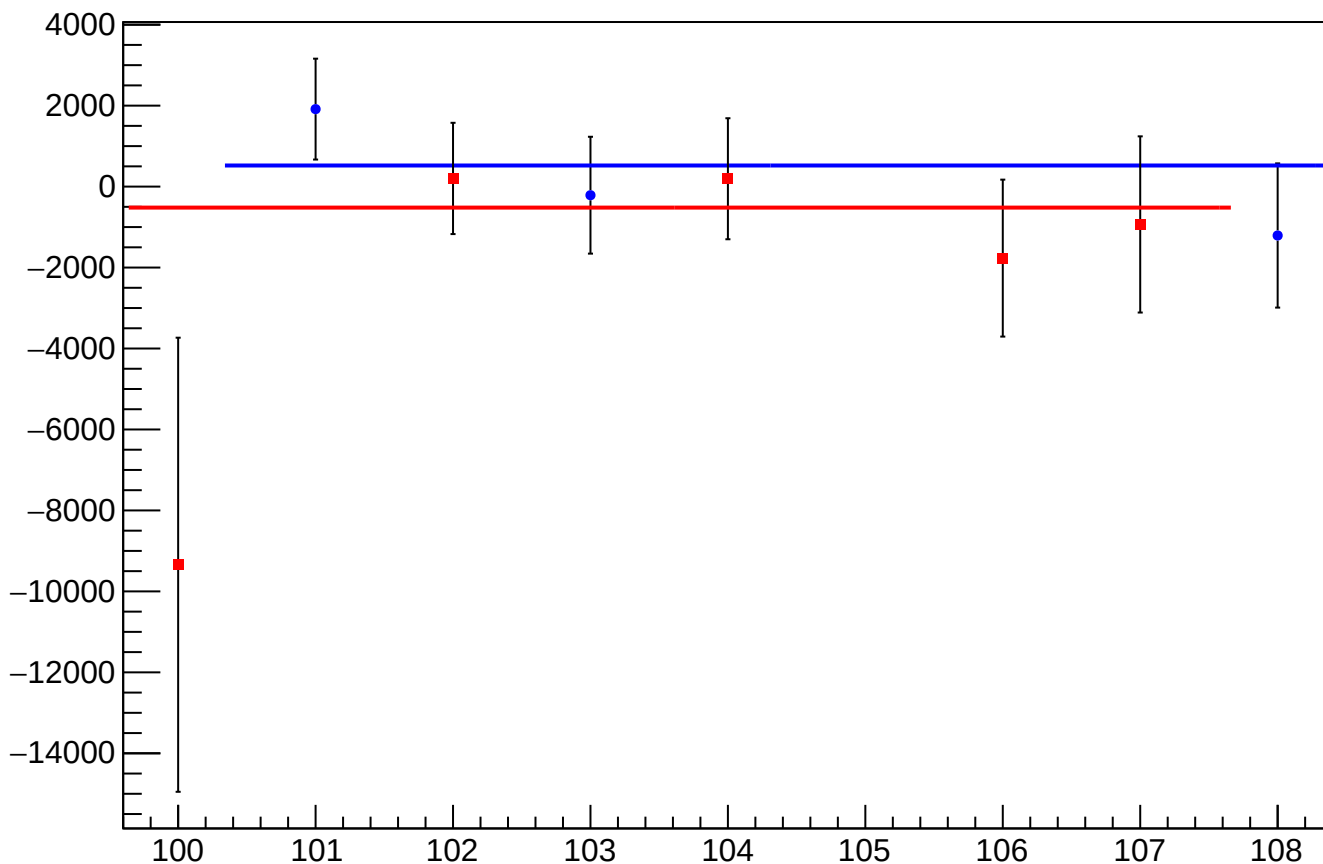
Right: 119.564 $\pm$ 0.046 χ^2 /NDF: 41356.7/7

In: 120.362 $\pm$ 0.067 χ^2 /NDF:10635.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 119.564 $\pm$ 0.046 χ^2 /NDF: 41356.7/7

asym_sam_15_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 521.195+/-833.565 χ^2/NDF : 2.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -518.841+/-820.359 χ^2/NDF : 3.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

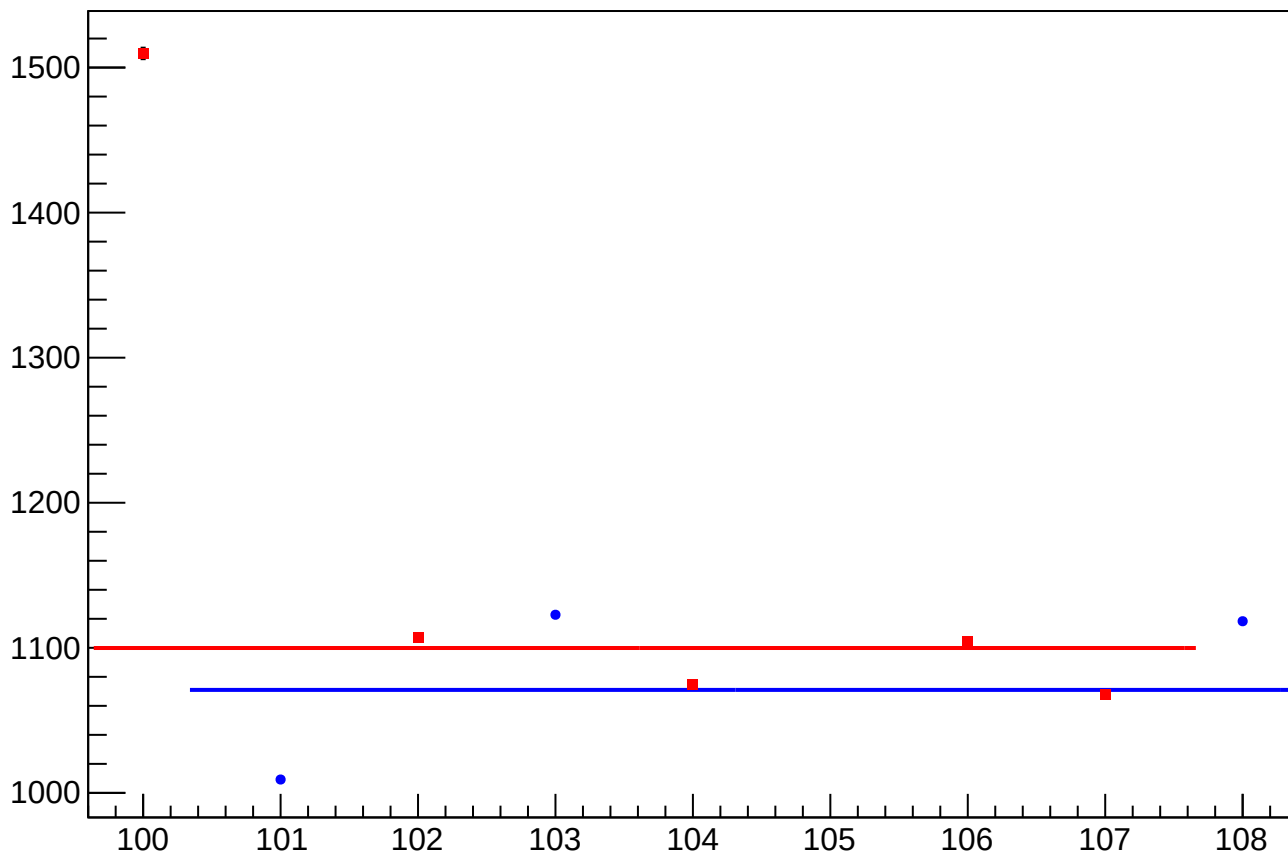
Right: -7.126+/-584.694 χ^2/NDF : 6.7/7

In: 521.195+/-833.565 χ^2/NDF : 2.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.126+/-584.694 χ^2/NDF : 6.7/7

asym_sam_15_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1070.988+/-0.589 χ^2/NDF : 8905.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1099.871+/-0.580 χ^2/NDF : 11763.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

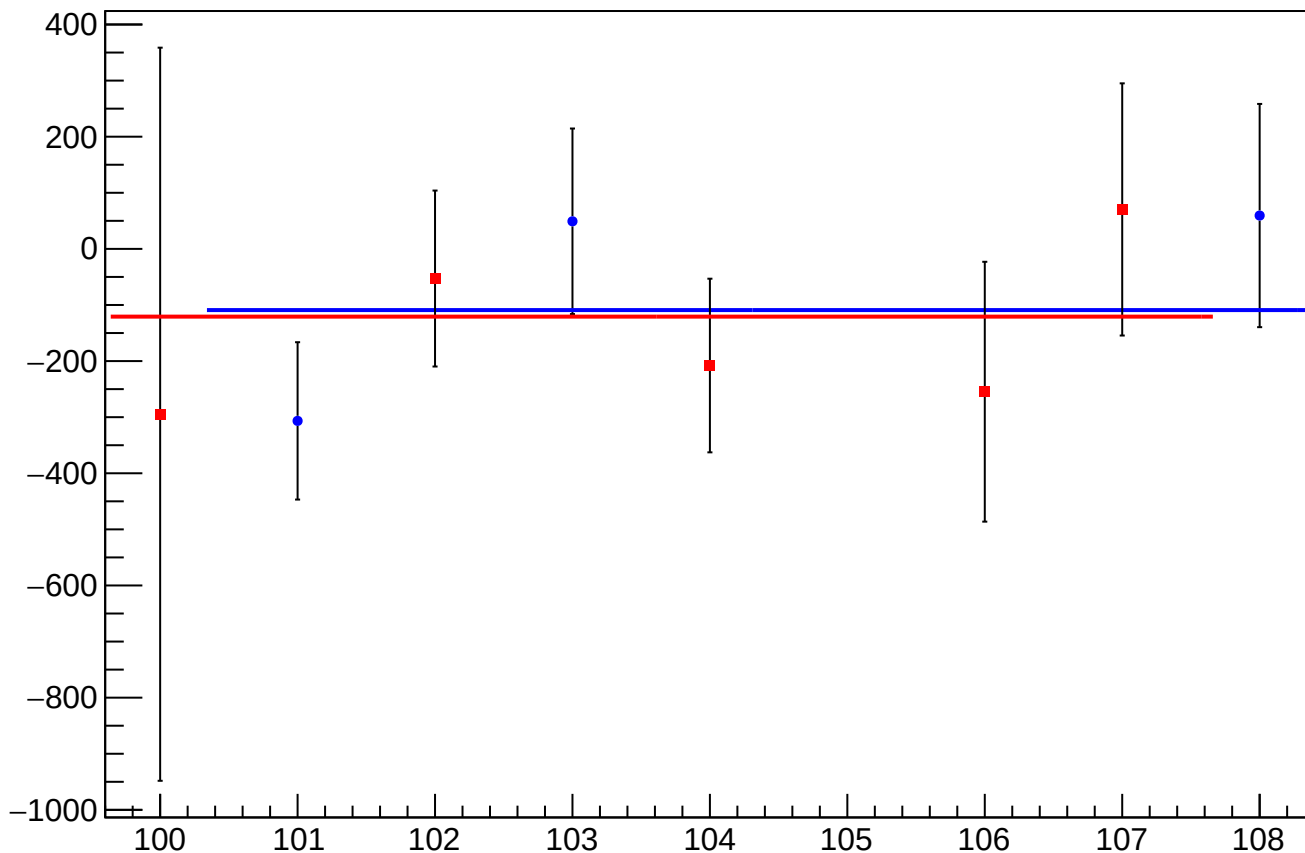
Right: 1085.660+/-0.413 χ^2/NDF : 21888.0/7

In: 1070.988+/-0.589 χ^2/NDF : 8905.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1085.660+/-0.413 χ^2/NDF : 21888.0/7

eigen_dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -109.090 $\pm$ 94.218 χ^2 /NDF: 3.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -120.746 $\pm$ 90.101 χ^2 /NDF: 1.6/4

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

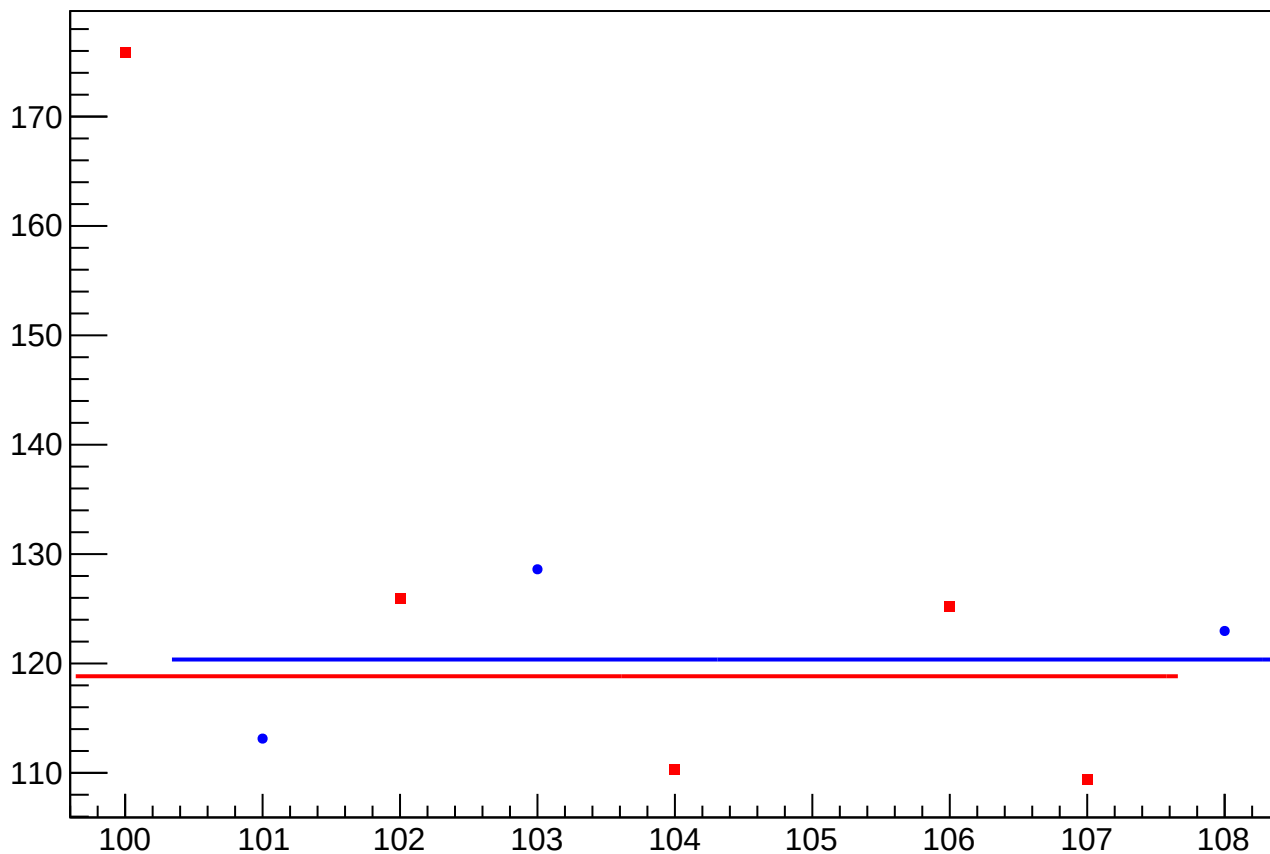
Right: -115.178 $\pm$ 65.118 χ^2 /NDF: 5.3/7

In: -109.090 $\pm$ 94.218 χ^2 /NDF:3.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -115.178 $\pm$ 65.118 χ^2 /NDF: 5.3/7

eigen_dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 120.362 $\pm$ 0.067 χ^2 /NDF: 10634.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 118.833 $\pm$ 0.064 χ^2 /NDF: 30445.1/4

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

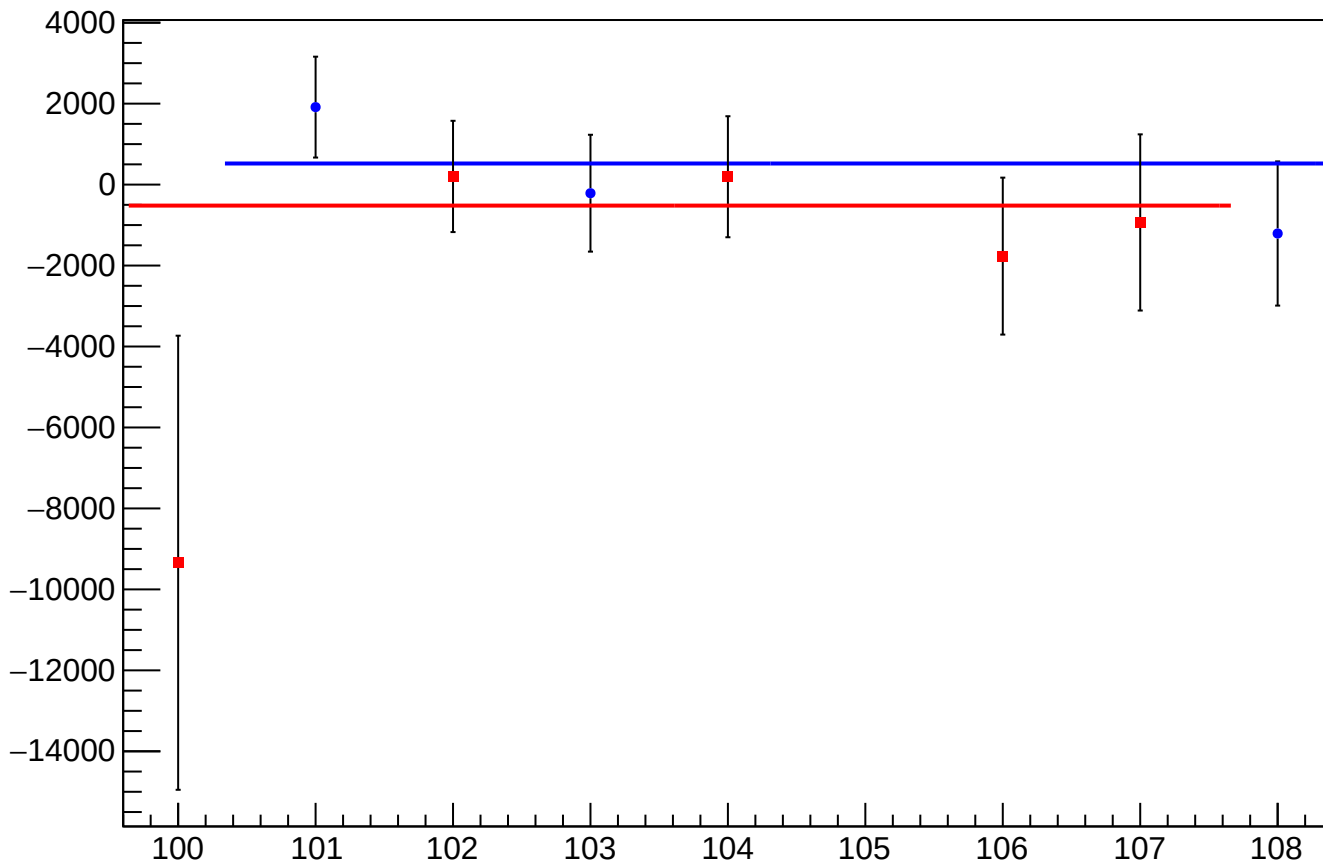
Right: 119.563 $\pm$ 0.046 χ^2 /NDF: 41355.0/7

In: 120.362 $\pm$ 0.067 χ^2 /NDF:10634.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 119.563 $\pm$ 0.046 χ^2 /NDF: 41355.0/7

asym_sam_15_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 521.195+/-833.563 χ^2 /NDF: 2.5/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -518.839+/-820.357 χ^2 /NDF: 3.4/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

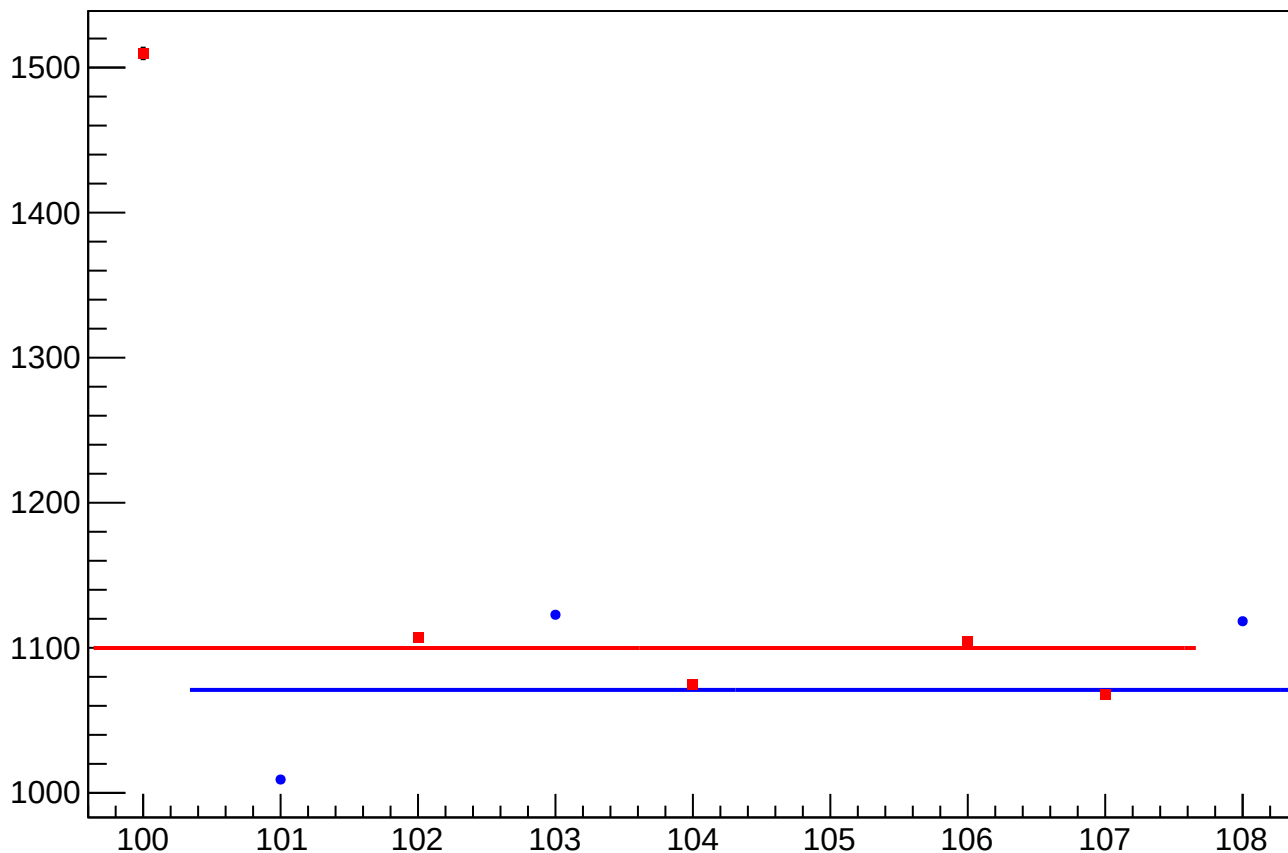
Right: -7.126+/-584.693 χ^2 /NDF: 6.7/7

In: 521.195+/-833.563 χ^2 /NDF:2.5/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -7.126+/-584.693 χ^2 /NDF: 6.7/7

asym_sam_15_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1070.986 $\pm$ 0.589 χ^2 /NDF: 8904.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1099.869 $\pm$ 0.580 χ^2 /NDF: 11763.3/4

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

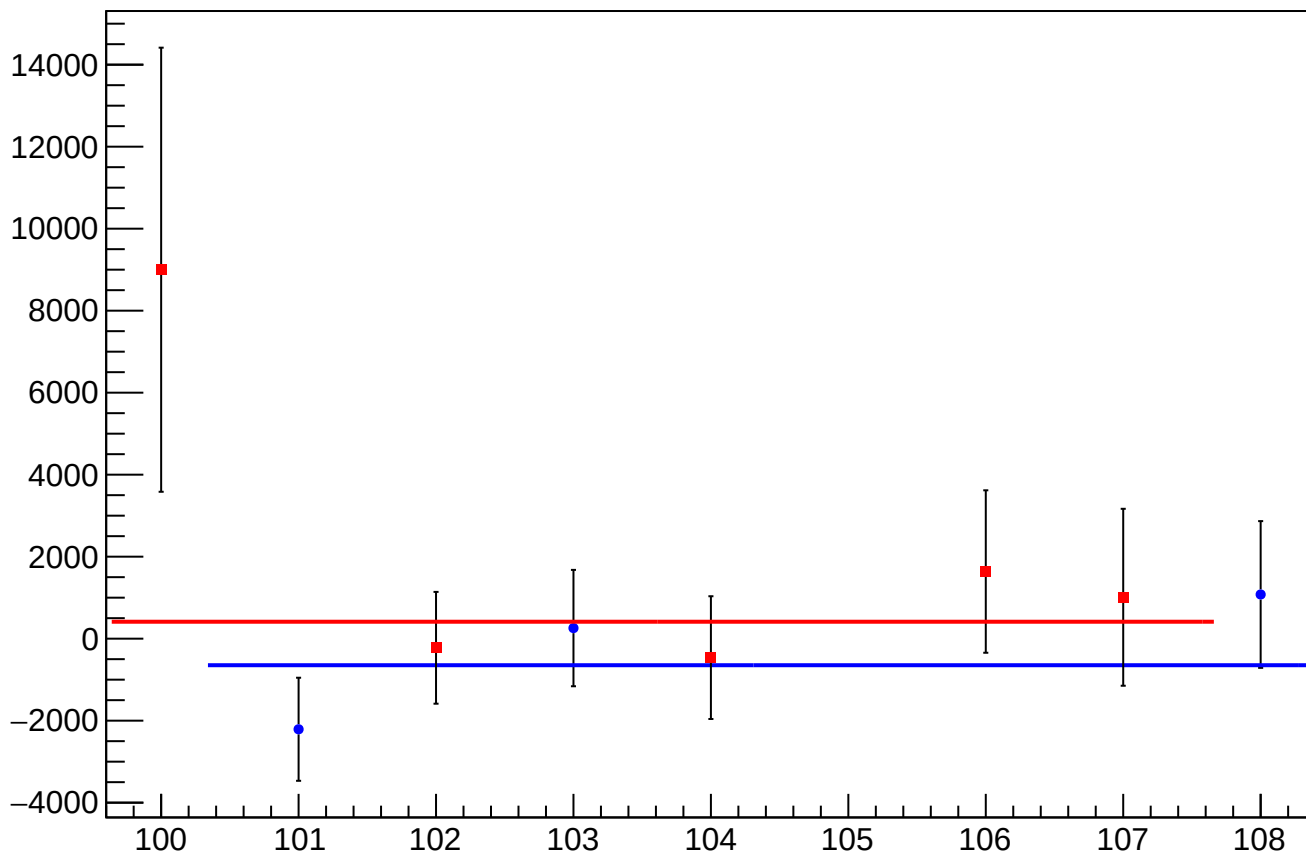
Right: 1085.658 $\pm$ 0.413 χ^2 /NDF: 21887.7/7

In: 1070.986 $\pm$ 0.589 χ^2 /NDF:8904.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1085.658 $\pm$ 0.413 χ^2 /NDF: 21887.7/7

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -647.520 $\pm$ 832.835 χ^2 /NDF: 2.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 413.256 $\pm$ 819.847 χ^2 /NDF: 3.5/4

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

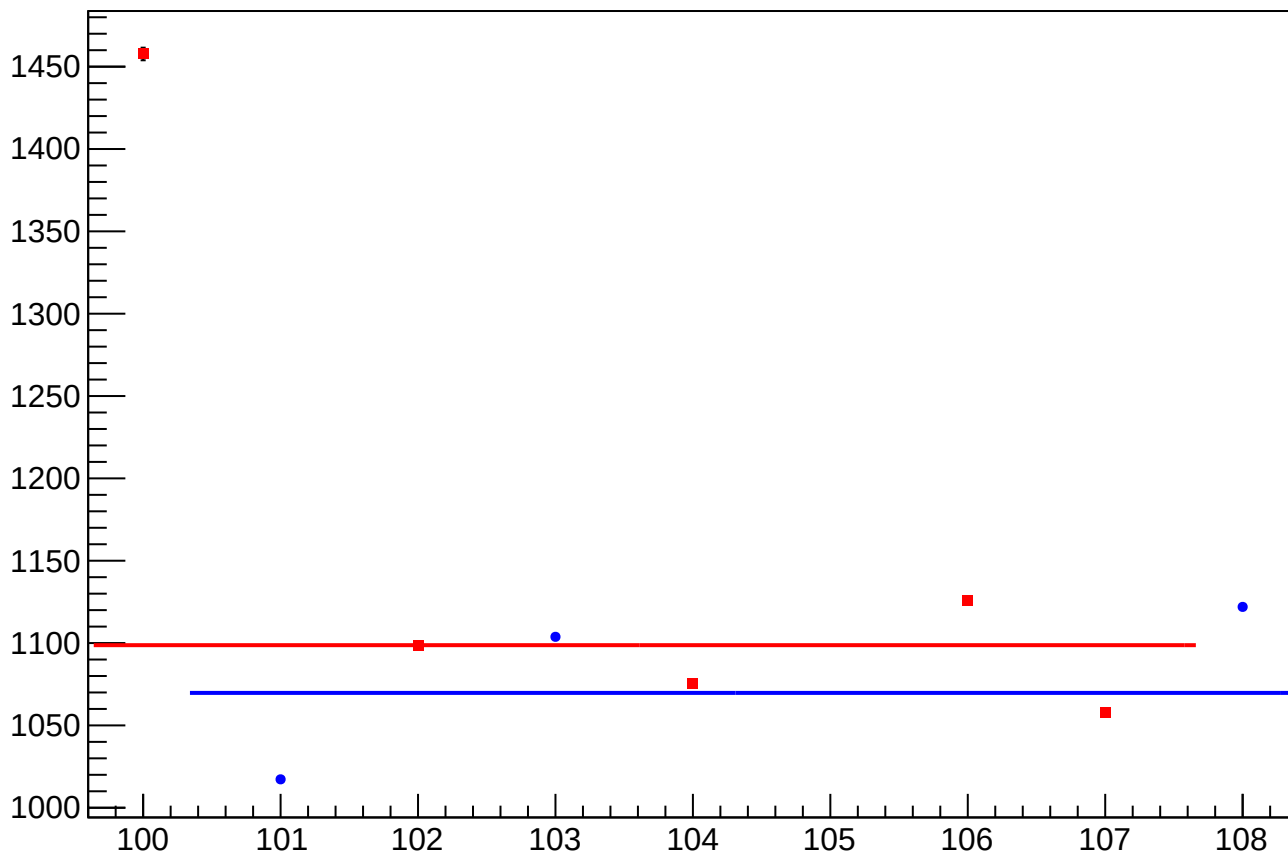
Right: -108.796 $\pm$ 584.257 χ^2 /NDF: 7.2/7

In: -647.520 $\pm$ 832.835 χ^2 /NDF: 2.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -108.796 $\pm$ 584.257 χ^2 /NDF: 7.2/7

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 1069.739+/-0.589 χ^2/NDF : 6342.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1098.720+/-0.580 χ^2/NDF : 10357.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

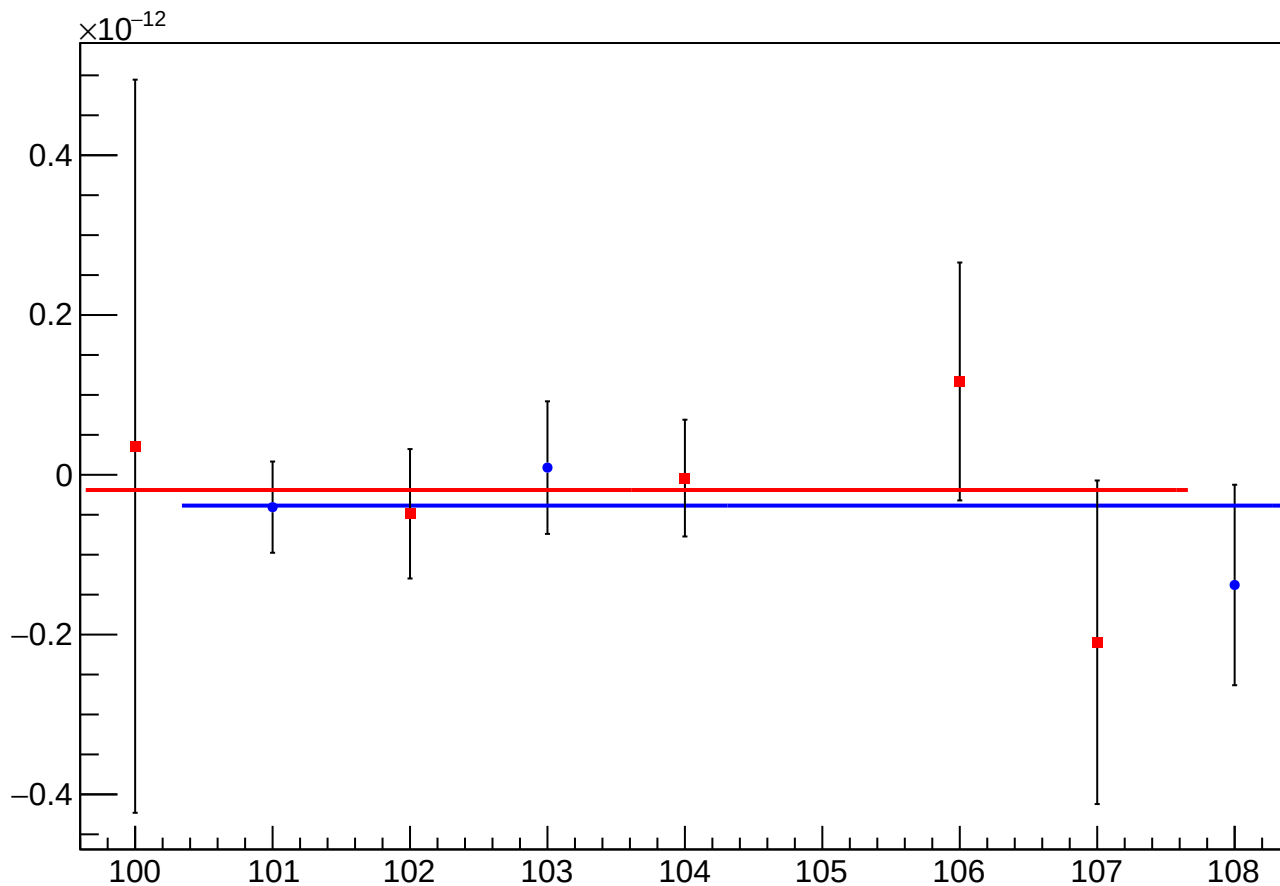
Right: 1084.457+/-0.413 χ^2/NDF : 17929.6/7

In: 1069.739+/-0.589 χ^2/NDF : 6342.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1084.457+/-0.413 χ^2/NDF : 17929.6/7

asym_sam_15_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 1.0/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 1.9/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

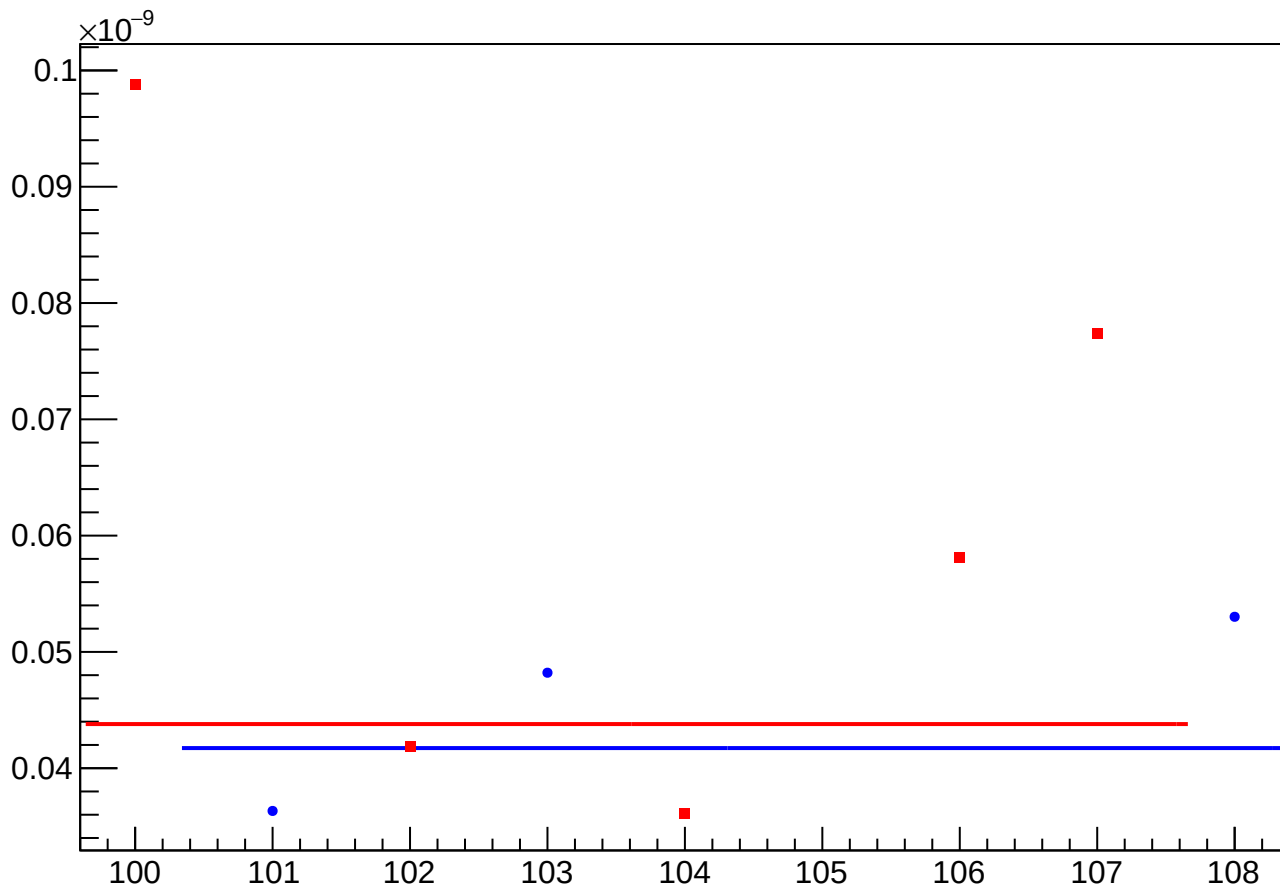
Right: -0.000+/-0.000 χ^2 /NDF: 3.0/7

In: -0.000+/-0.000 χ^2 /NDF:1.0/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 3.0/7

asym_sam_15_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 46319.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 125566.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

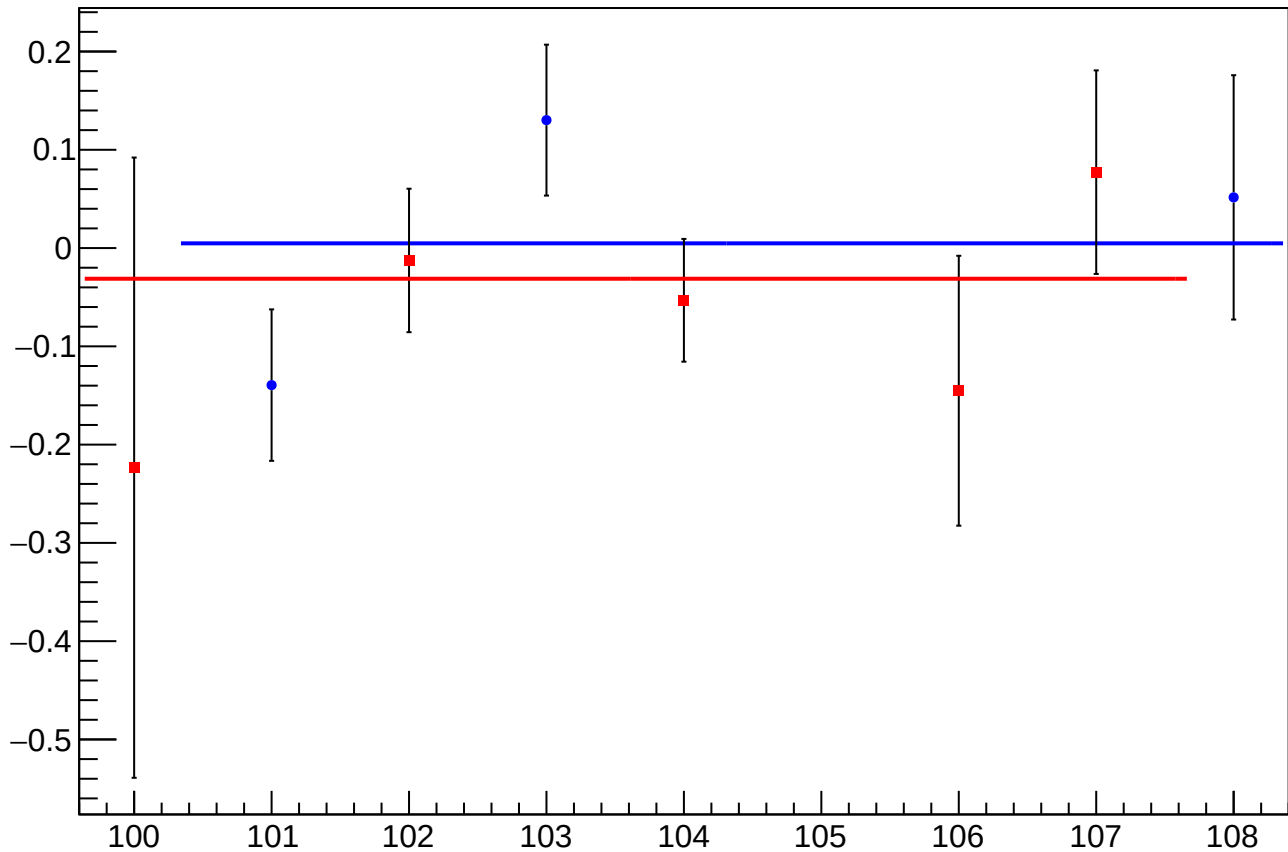
Right: 0.000+/-0.000 χ^2/NDF : 173843.3/7

In: 0.000+/-0.000 χ^2/NDF : 46319.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 173843.3/7

asym_sam_15_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.050 χ^2 /NDF: 6.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.031 $\pm$ 0.041 χ^2 /NDF: 2.3/4

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

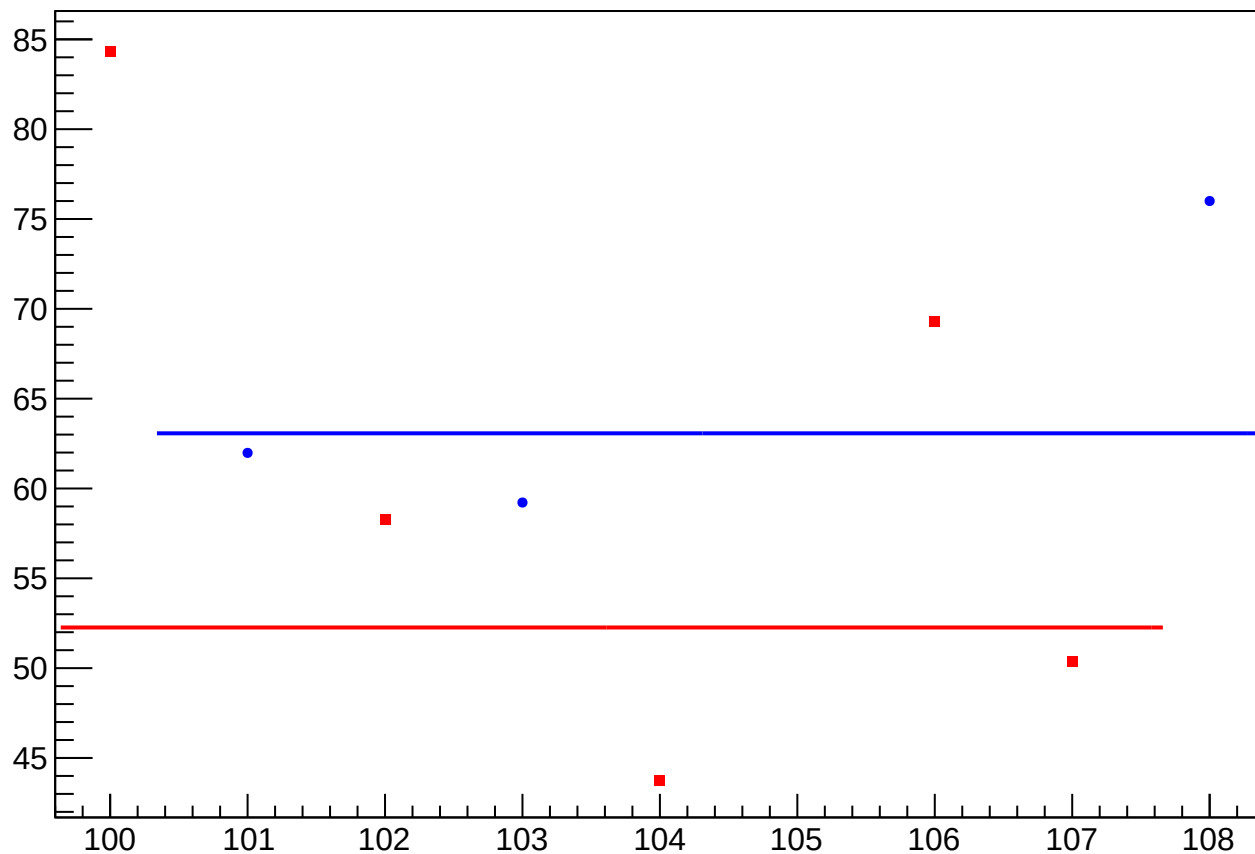
Right: -0.017 $\pm$ 0.032 χ^2 /NDF: 9.0/7

In: 0.005 $\pm$ 0.050 χ^2 /NDF:6.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.017 $\pm$ 0.032 χ^2 /NDF: 9.0/7

asym_sam_15_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.071+/-0.035 χ^2/NDF : 27076.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.263+/-0.029 χ^2/NDF : 102511.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

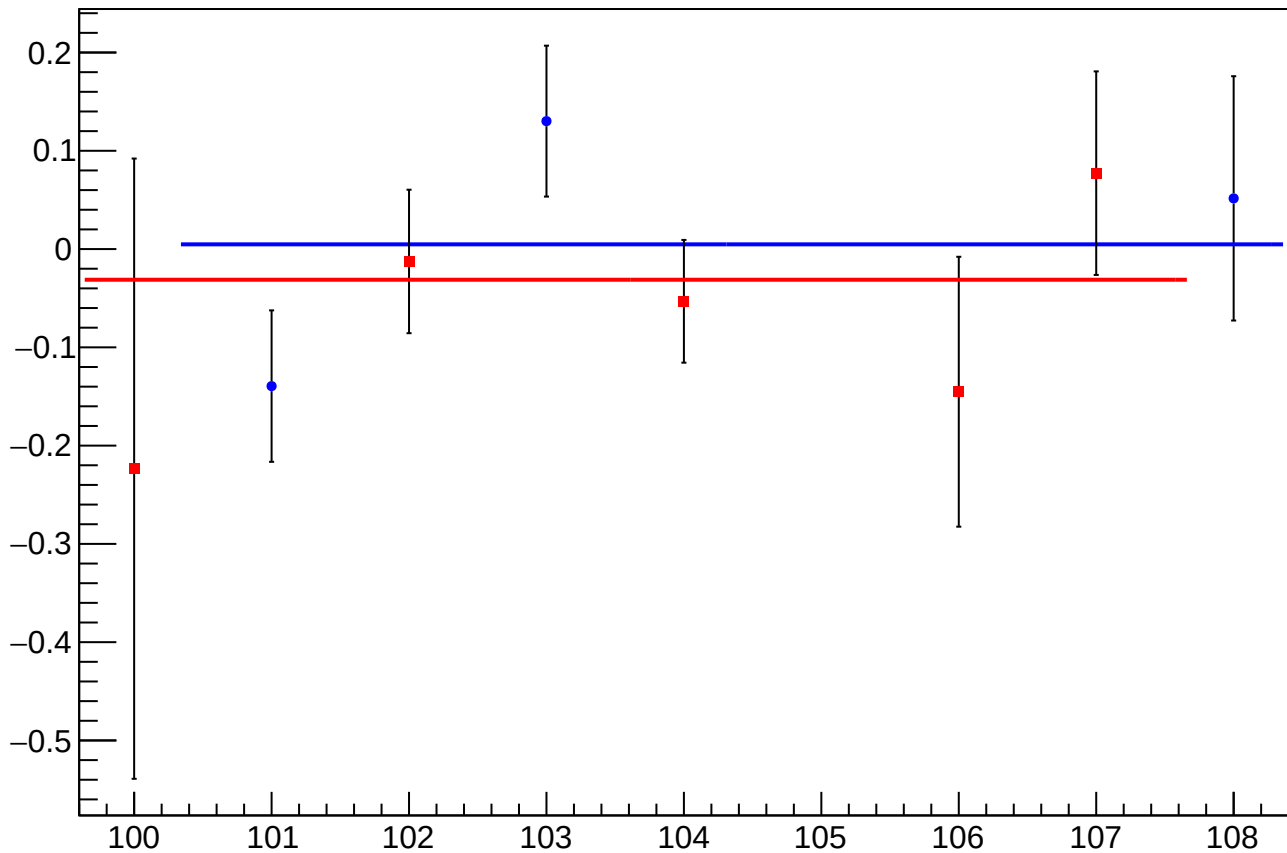
Right: 56.603+/-0.022 χ^2/NDF : 185903.7/7

In: 63.071+/-0.035 χ^2/NDF : 27076.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.603+/-0.022 χ^2/NDF : 185903.7/7

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.050 χ^2 /NDF: 6.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.031 $\pm$ 0.041 χ^2 /NDF: 2.3/4

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

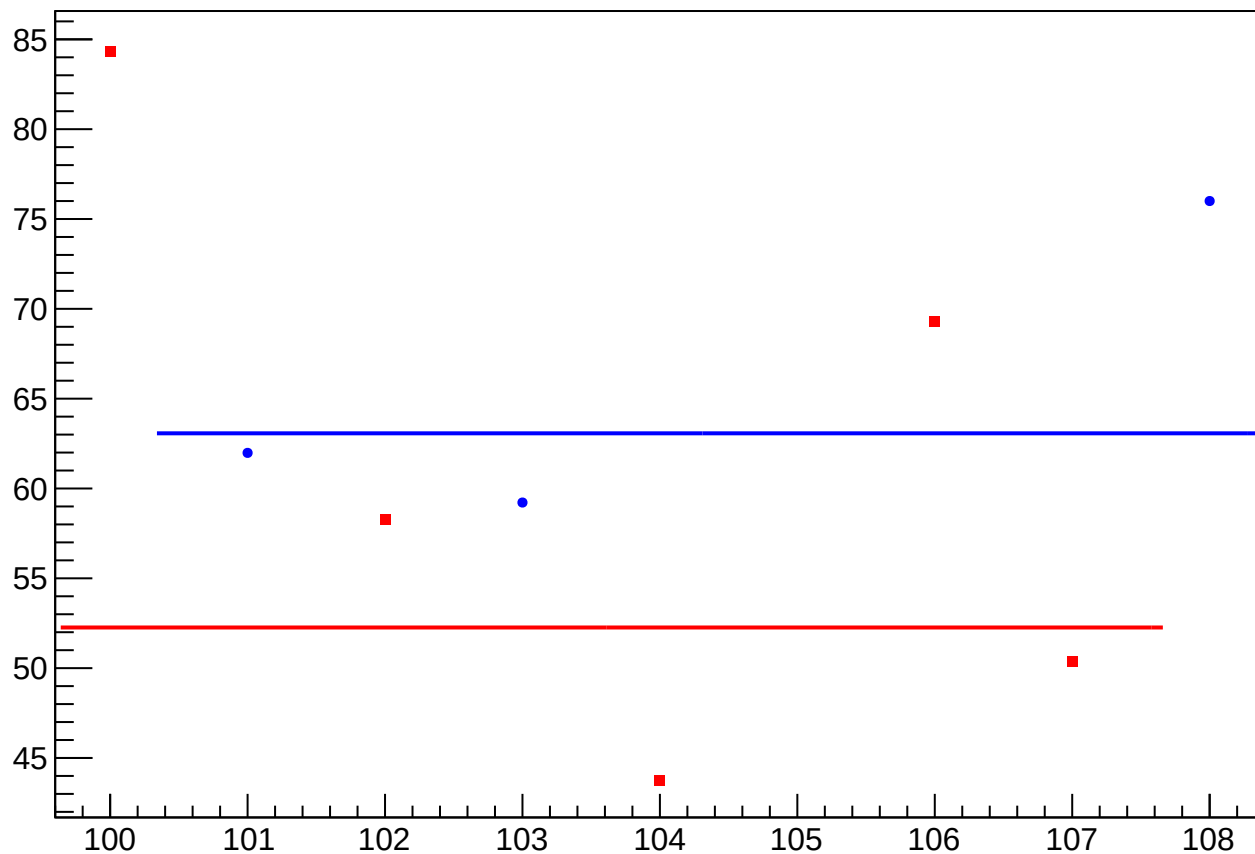
Right: -0.017 $\pm$ 0.032 χ^2 /NDF: 9.0/7

In: 0.005 $\pm$ 0.050 χ^2 /NDF:6.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.017 $\pm$ 0.032 χ^2 /NDF: 9.0/7

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.071+/-0.035 χ^2/NDF : 27076.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.263+/-0.029 χ^2/NDF : 102511.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

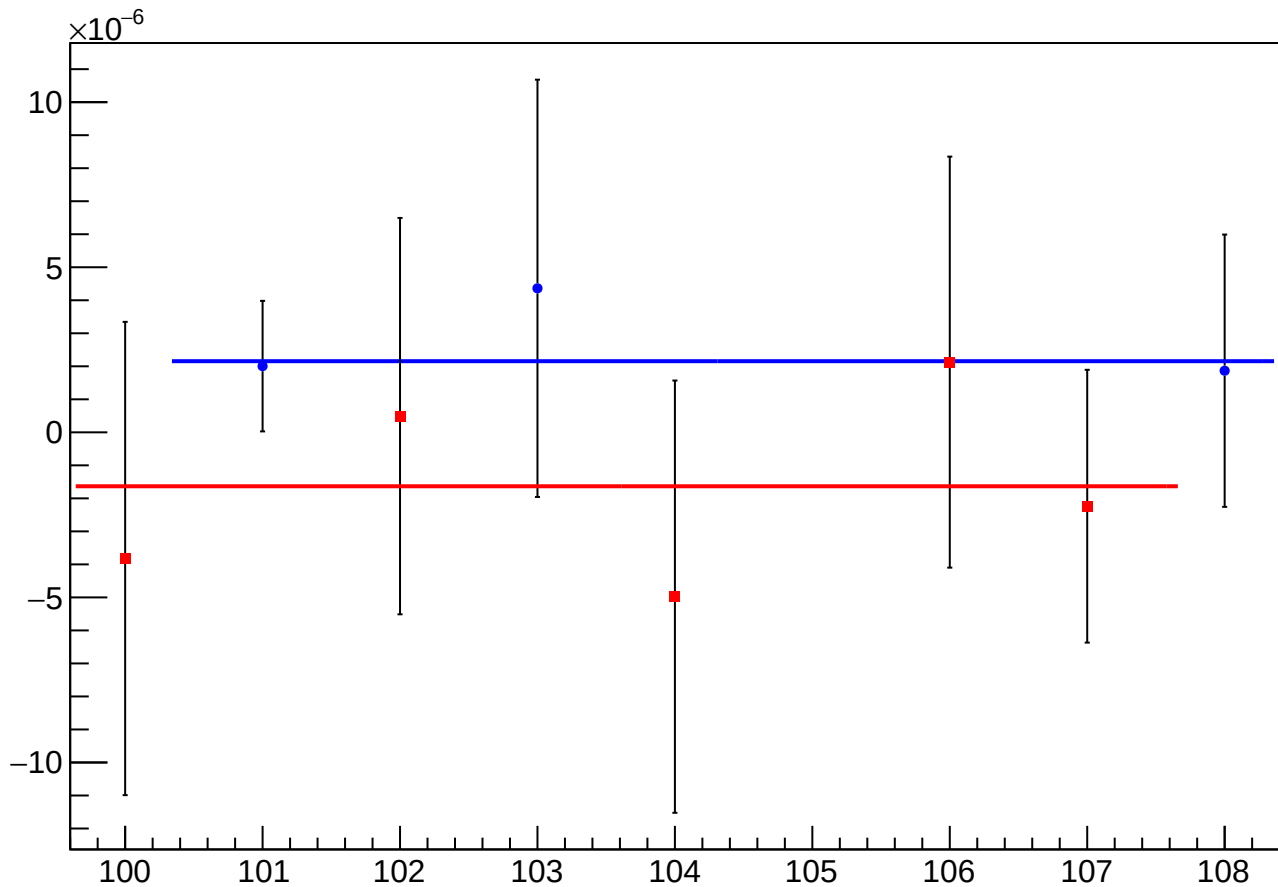
Right: 56.603+/-0.022 χ^2/NDF : 185903.7/7

In: 63.071+/-0.035 χ^2/NDF : 27076.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.603+/-0.022 χ^2/NDF : 185903.7/7

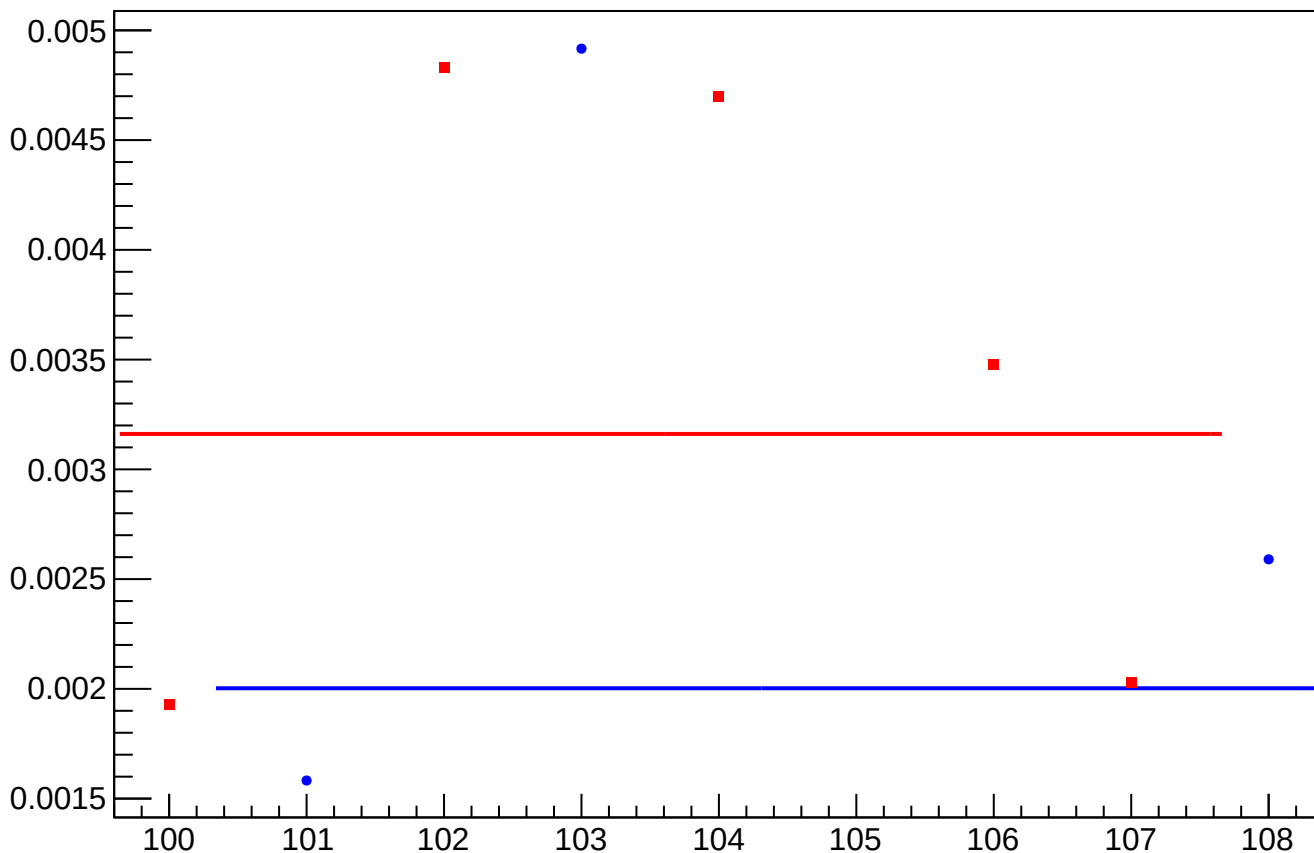
asym_sam_15_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.1/2
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 0.9/4
 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: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.5/7
 In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.1/2
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.5/7

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 556092.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 480649.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

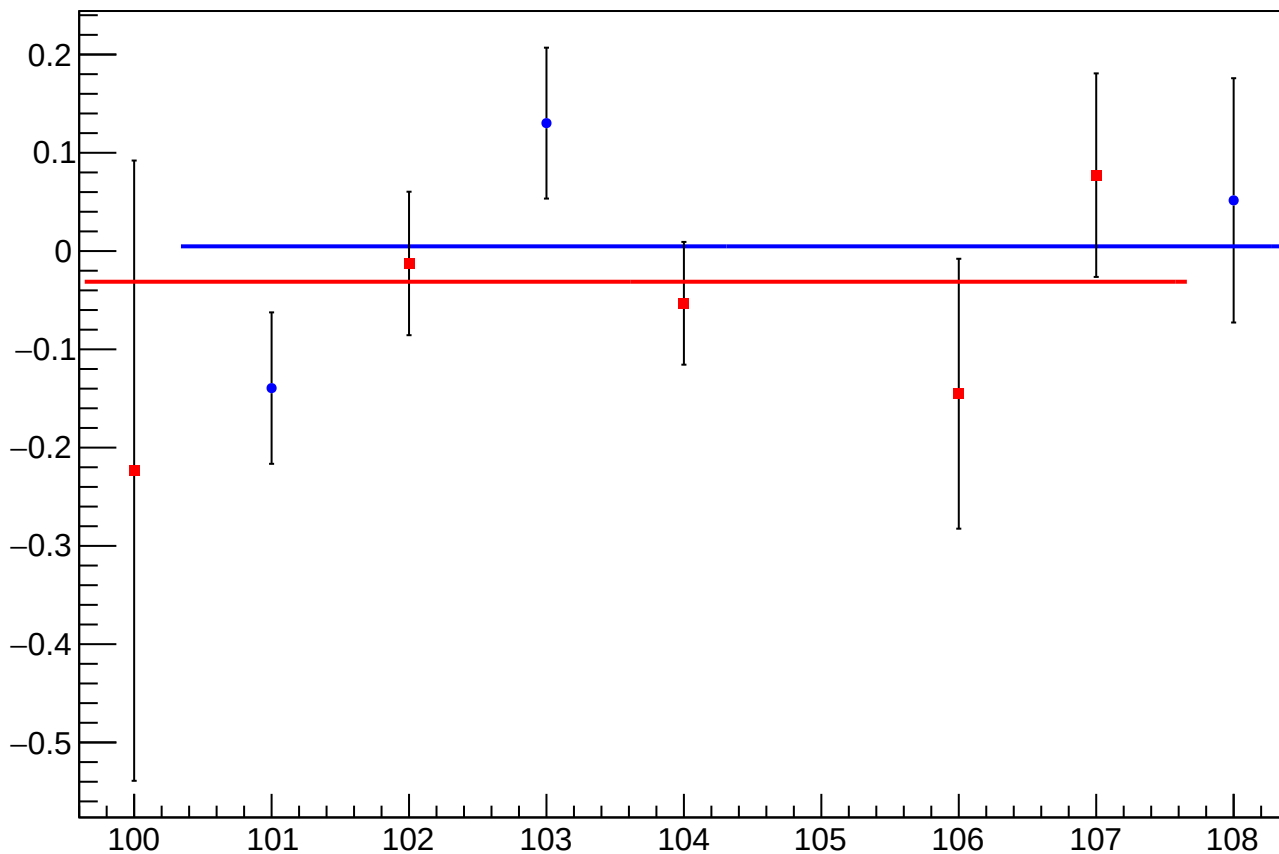
Right: 0.002+/-0.000 χ^2/NDF : 1322404.4/7

In: 0.002+/-0.000 χ^2/NDF : 556092.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1322404.4/7

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.050 χ^2 /NDF: 6.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.031 $\pm$ 0.041 χ^2 /NDF: 2.3/4

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

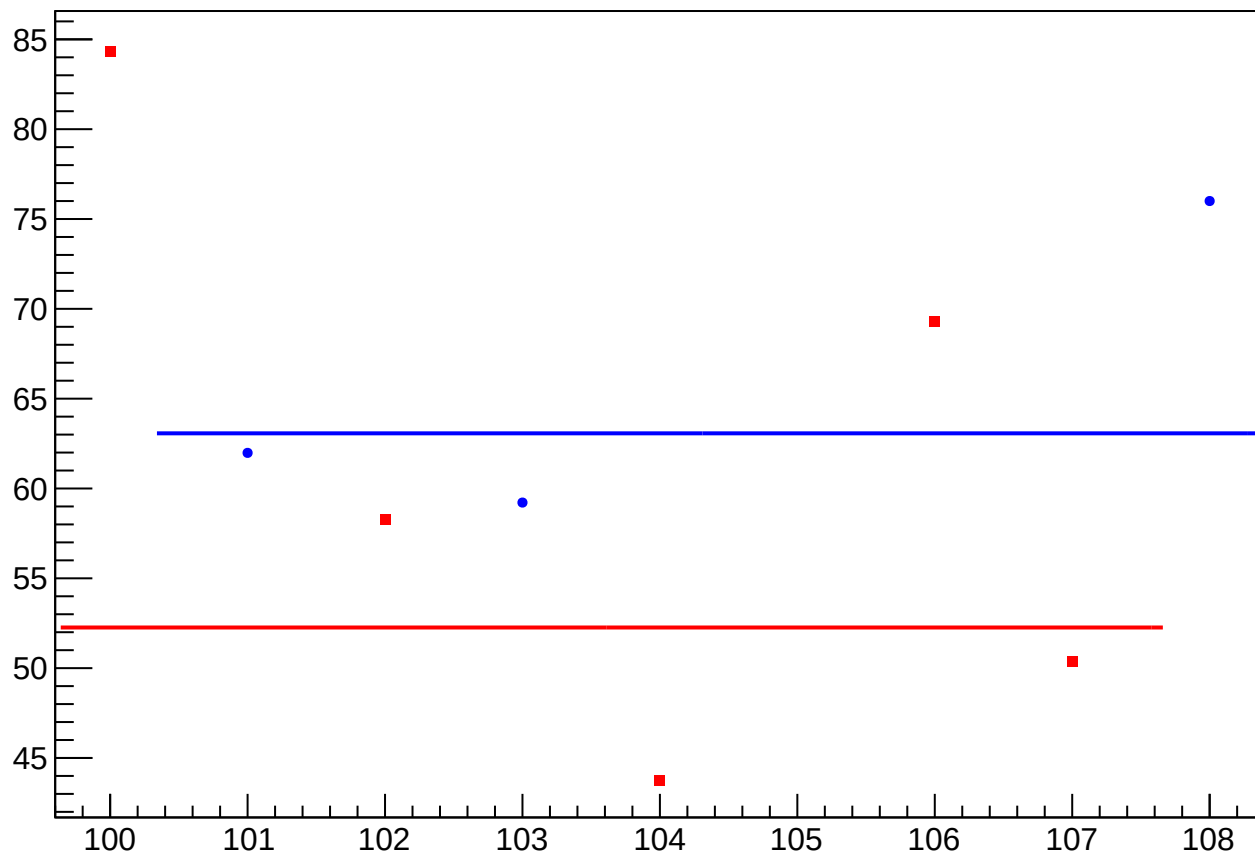
Right: -0.017 $\pm$ 0.032 χ^2 /NDF: 9.0/7

In: 0.005 $\pm$ 0.050 χ^2 /NDF:6.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.017 $\pm$ 0.032 χ^2 /NDF: 9.0/7

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.070+/-0.035 χ^2/NDF : 27080.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.263+/-0.029 χ^2/NDF : 102506.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

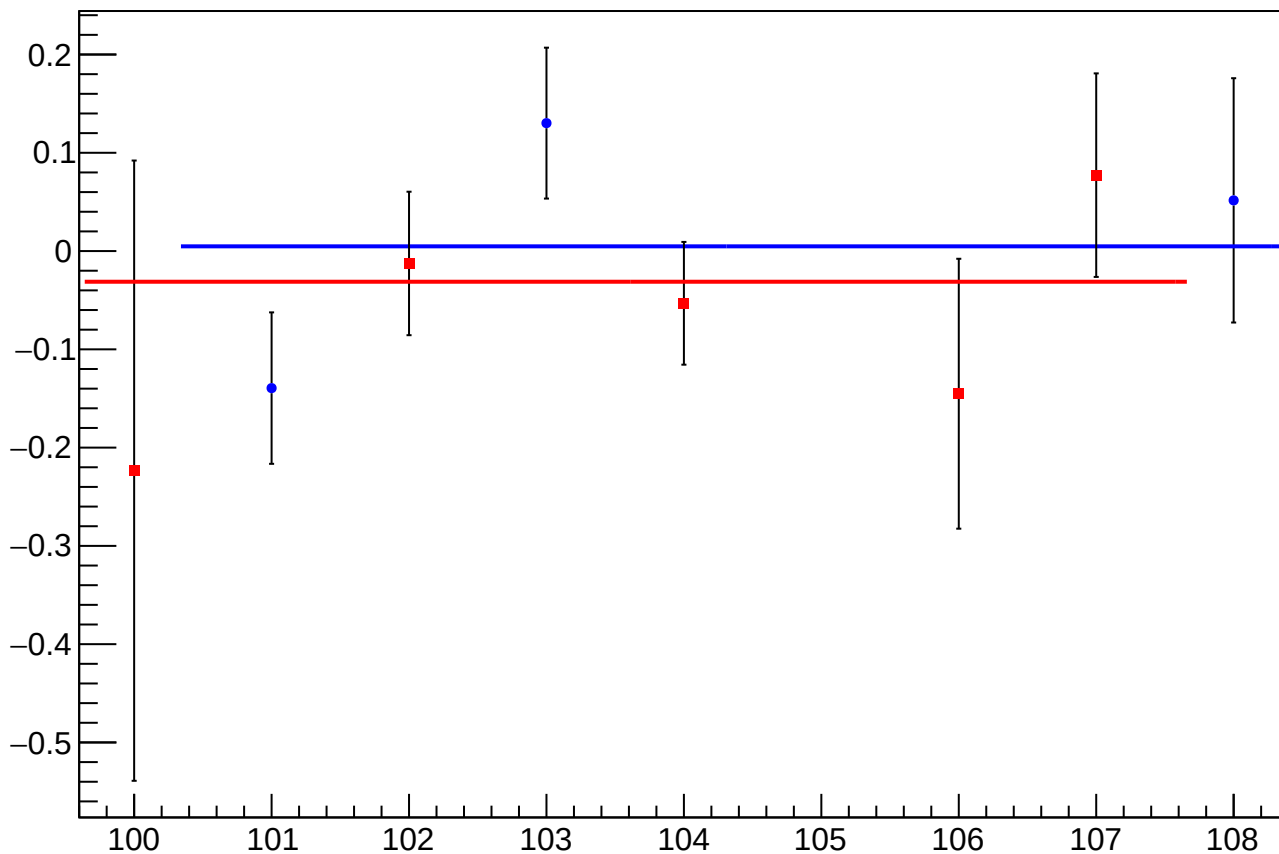
Right: 56.602+/-0.022 χ^2/NDF : 185902.7/7

In: 63.070+/-0.035 χ^2/NDF : 27080.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.602+/-0.022 χ^2/NDF : 185902.7/7

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.050 χ^2 /NDF: 6.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.031 $\pm$ 0.041 χ^2 /NDF: 2.3/4

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

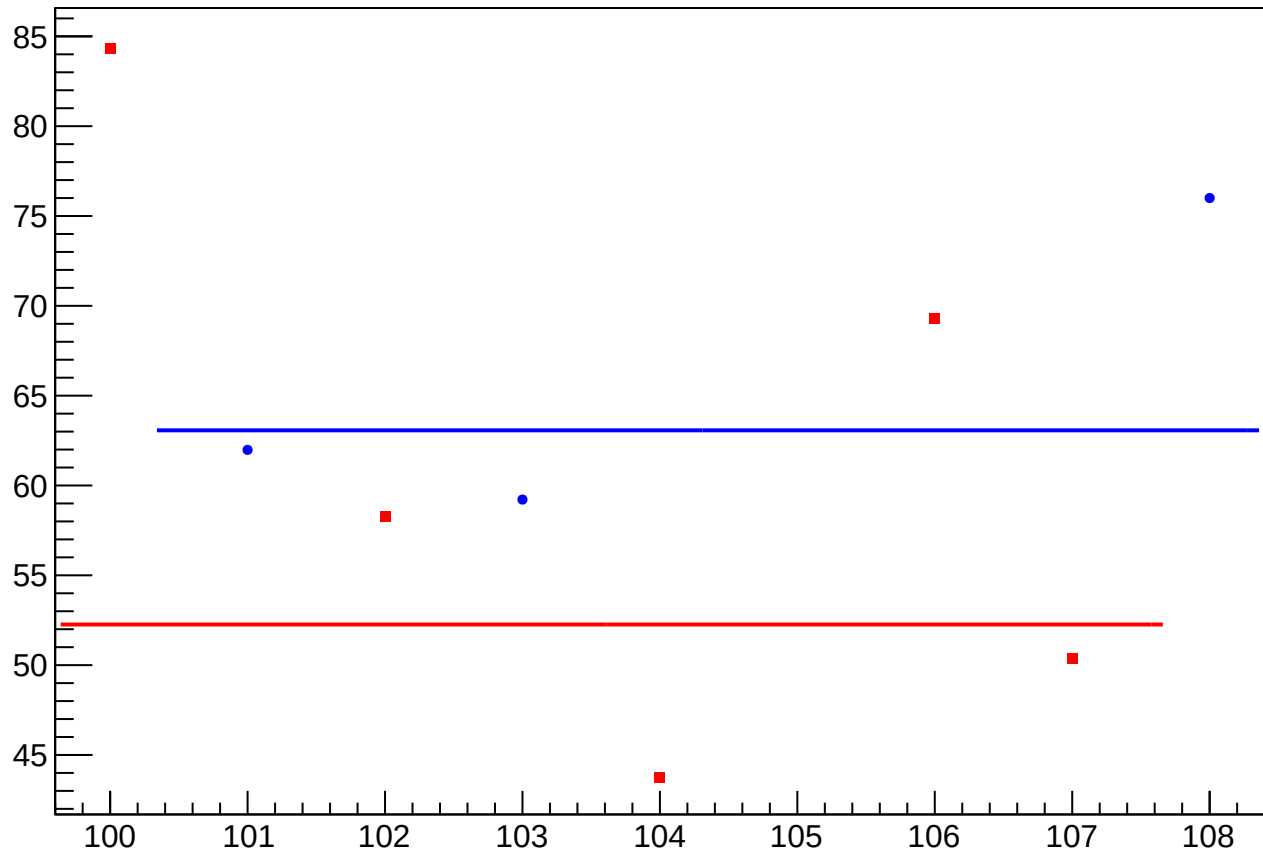
Right: -0.017 $\pm$ 0.032 χ^2 /NDF: 9.0/7

In: 0.005 $\pm$ 0.050 χ^2 /NDF:6.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.017 $\pm$ 0.032 χ^2 /NDF: 9.0/7

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.070+/-0.035 χ^2/NDF : 27080.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.263+/-0.029 χ^2/NDF : 102506.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

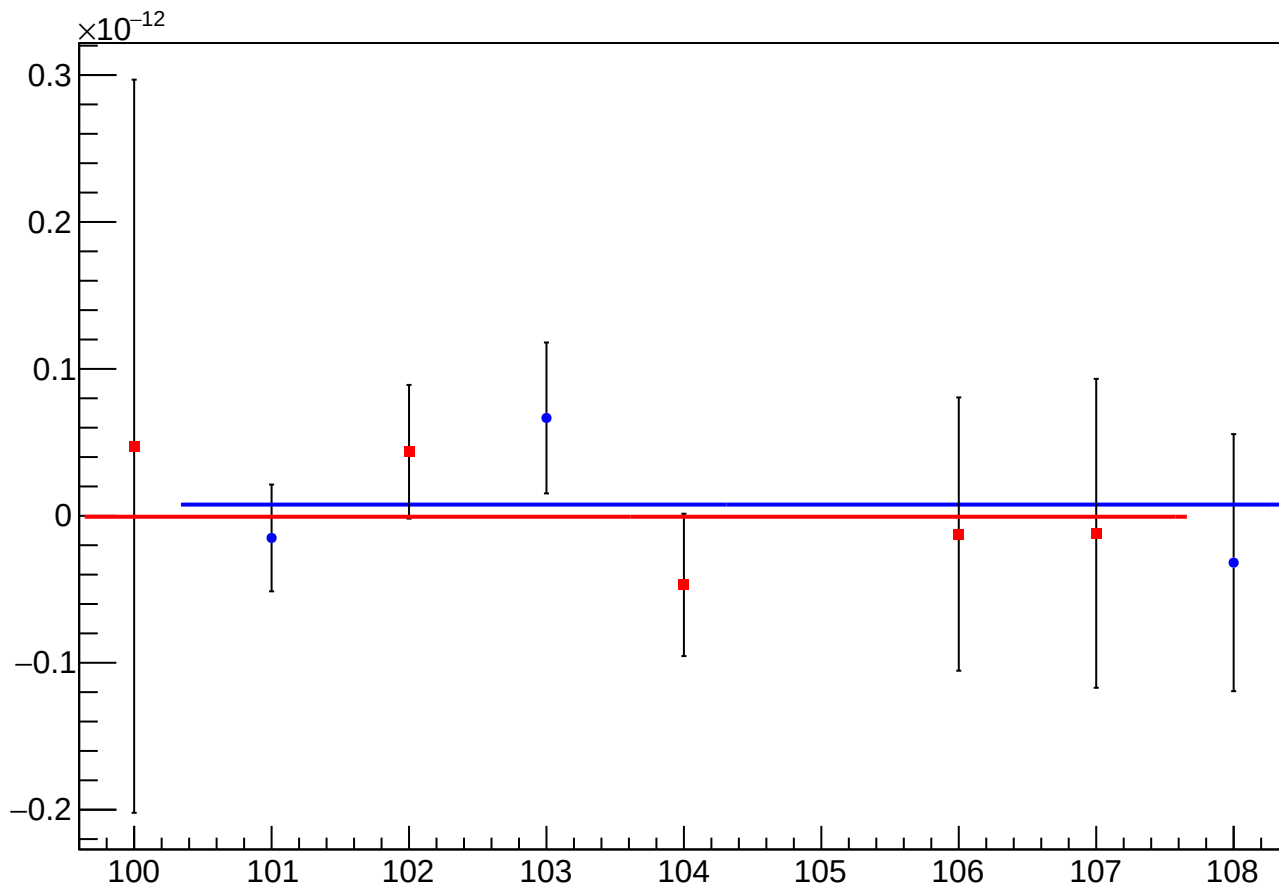
Right: 56.602+/-0.022 χ^2/NDF : 185902.7/7

In: 63.070+/-0.035 χ^2/NDF : 27080.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.602+/-0.022 χ^2/NDF : 185902.7/7

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

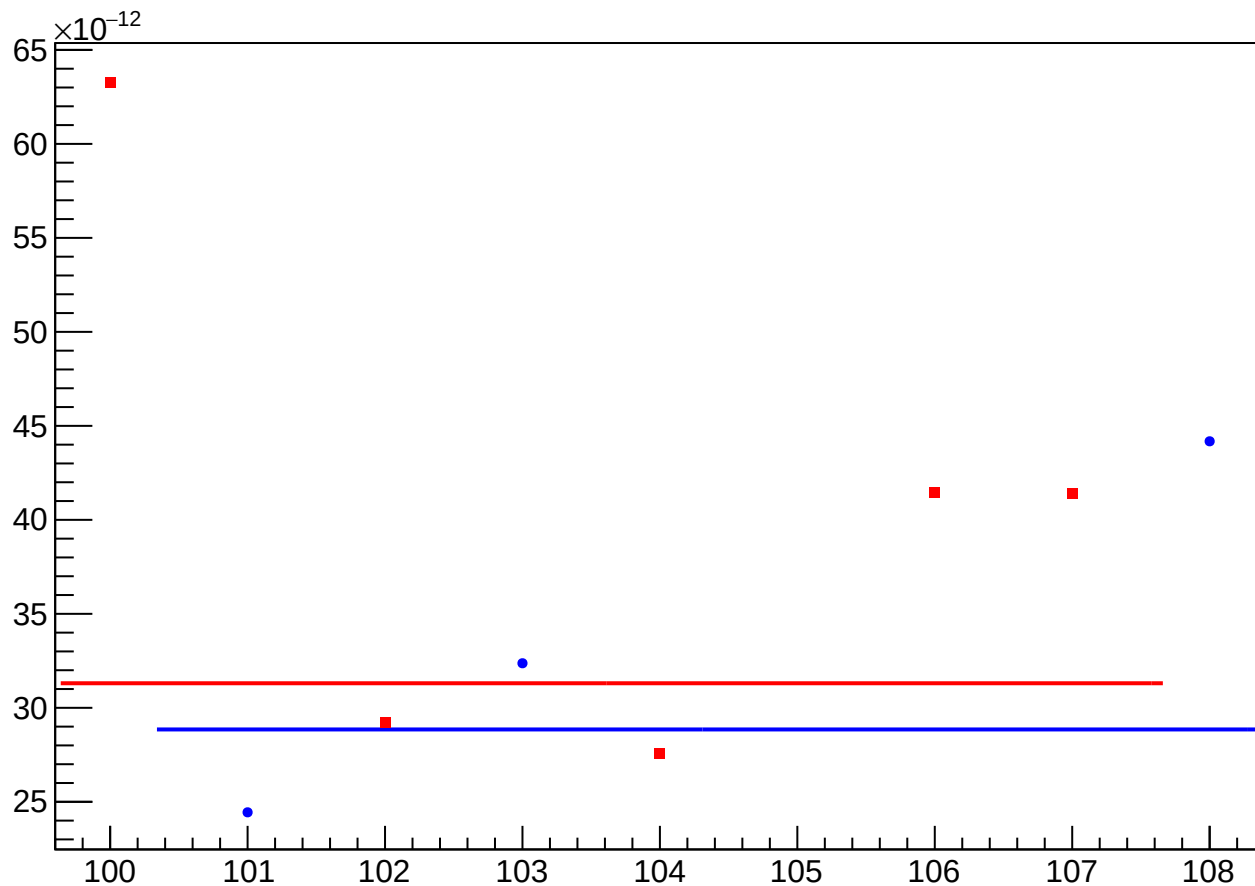
Right: 0.000+/-0.000 χ^2/NDF : 3.9/7

In: 0.000+/-0.000 χ^2/NDF : 1.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.9/7

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 100264.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 91095.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

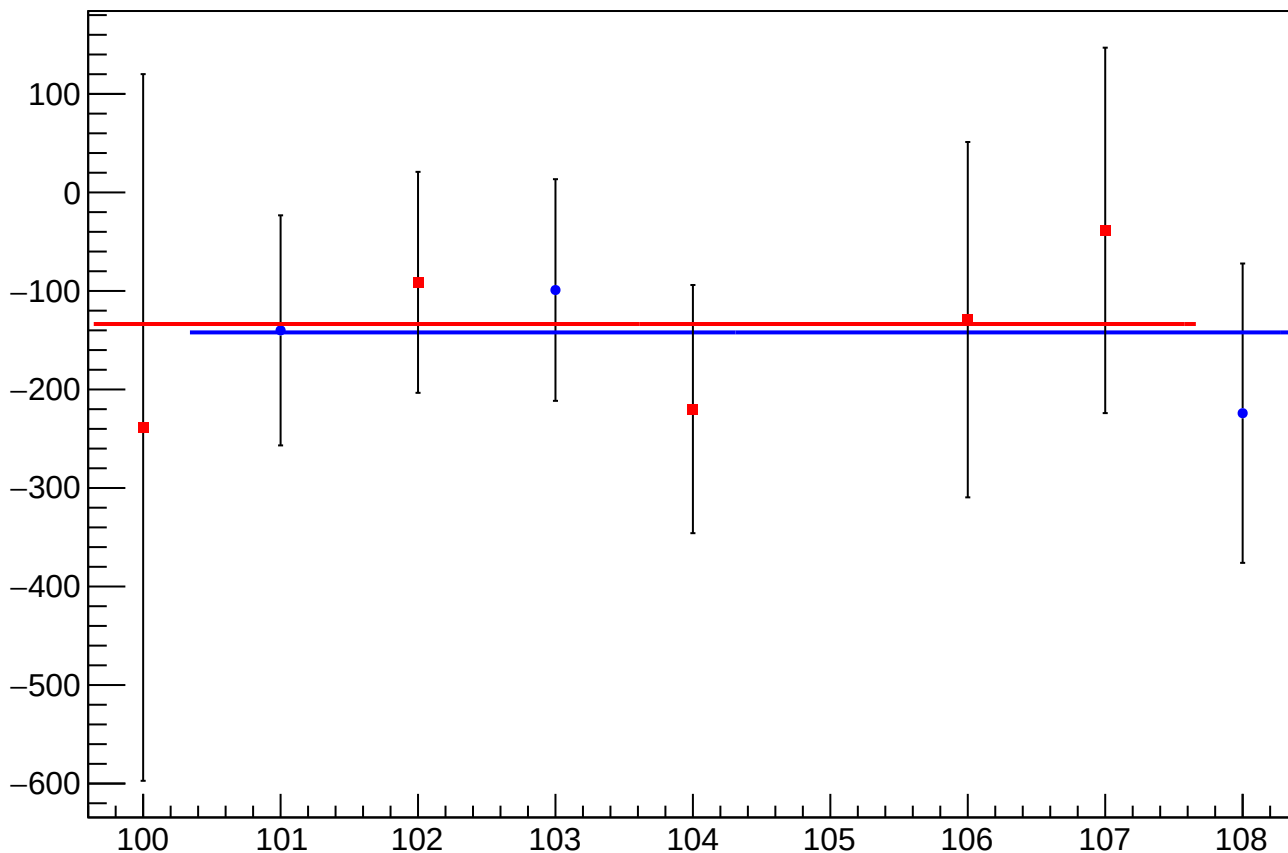
Right: 0.000+/-0.000 χ^2/NDF : 198581.9/7

In: 0.000+/-0.000 χ^2/NDF : 100264.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 198581.9/7

reg_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -142.081+/-71.486 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -133.549+/-68.986 χ^2/NDF : 1.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

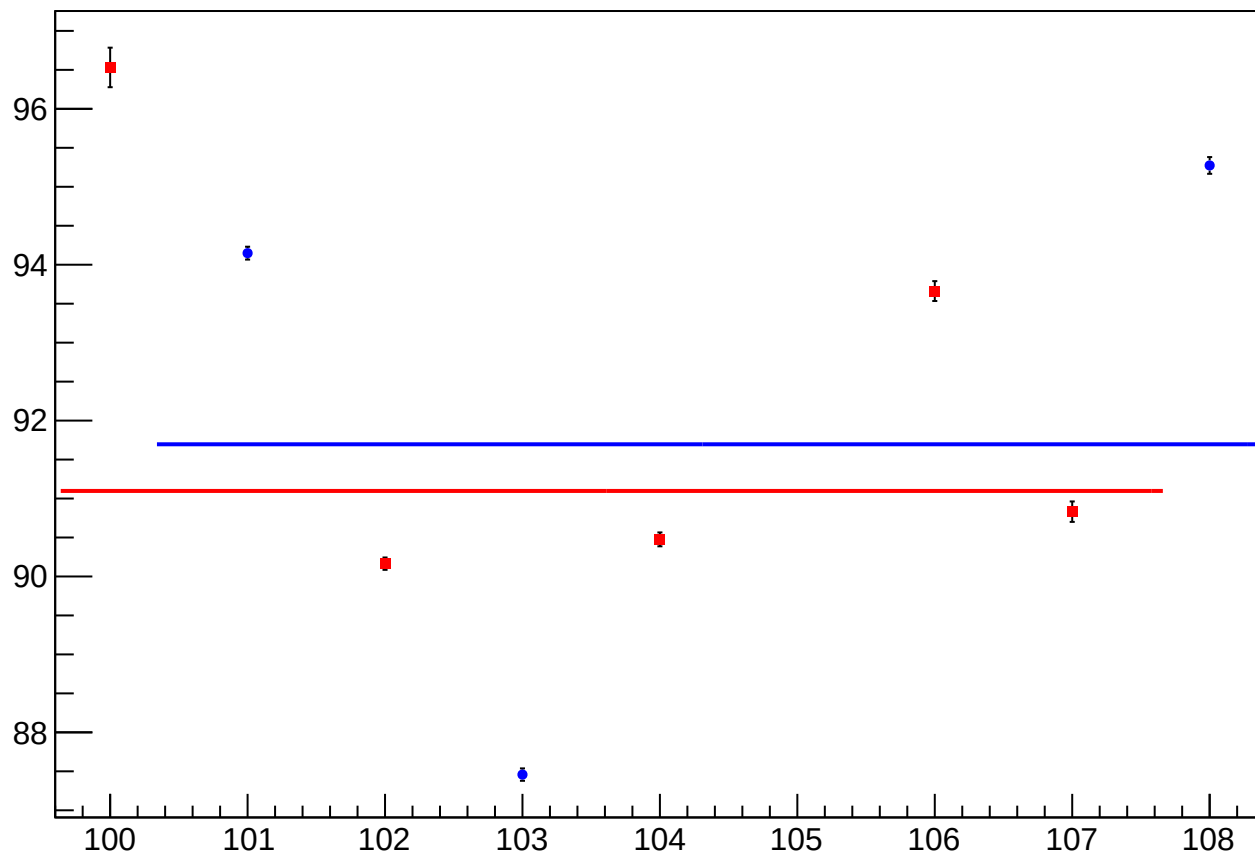
Right: -137.663+/-49.641 χ^2/NDF : 1.4/7

In: -142.081+/-71.486 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -137.663+/-49.641 χ^2/NDF : 1.4/7

reg_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 91.696 $\pm$ 0.051 χ^2 /NDF: 4829.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 91.097 $\pm$ 0.049 χ^2 /NDF: 1054.7/4

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

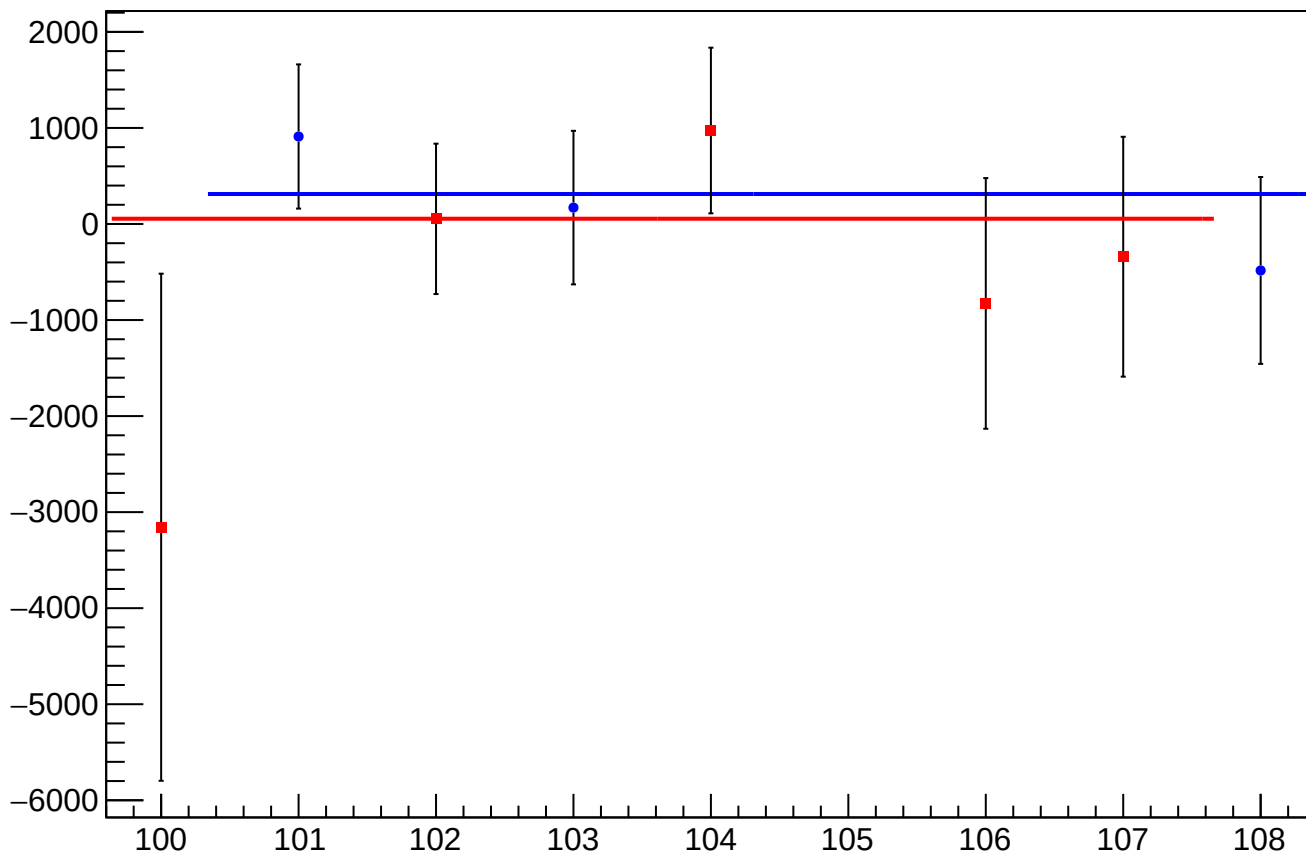
Right: 91.386 $\pm$ 0.035 χ^2 /NDF: 5957.2/7

In: 91.696 $\pm$ 0.051 χ^2 /NDF:4829.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 91.386 $\pm$ 0.035 χ^2 /NDF: 5957.2/7

asym_sam_37_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 312.069+/-476.938 χ^2/NDF : 1.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.842+/-479.587 χ^2/NDF : 3.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

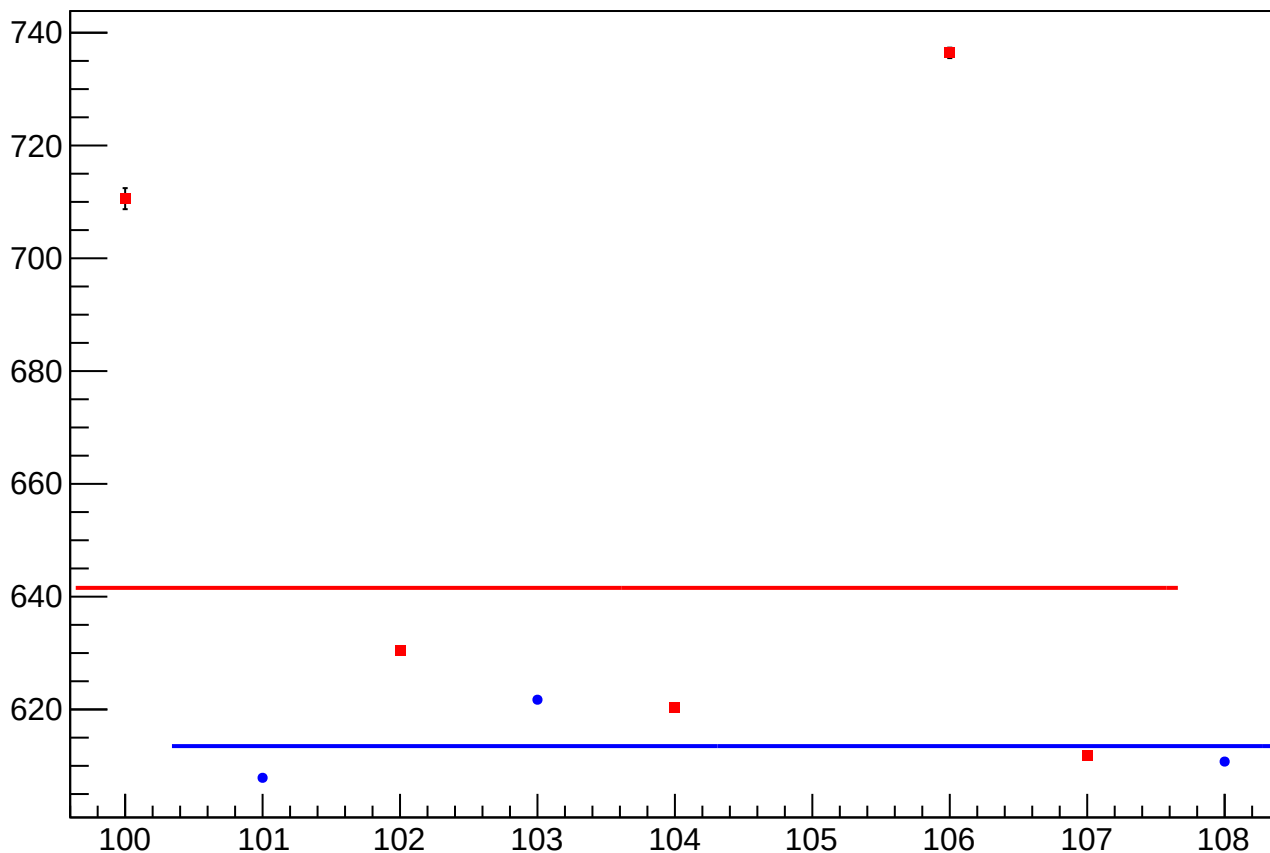
Right: 184.168+/-338.179 χ^2/NDF : 4.7/7

In: 312.069+/-476.938 χ^2/NDF : 1.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.168+/-338.179 χ^2/NDF : 4.7/7

asym_sam_37_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 613.501 $\pm$ 0.337 χ^2 /NDF: 339.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 641.559 $\pm$ 0.339 χ^2 /NDF: 14675.9/4

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

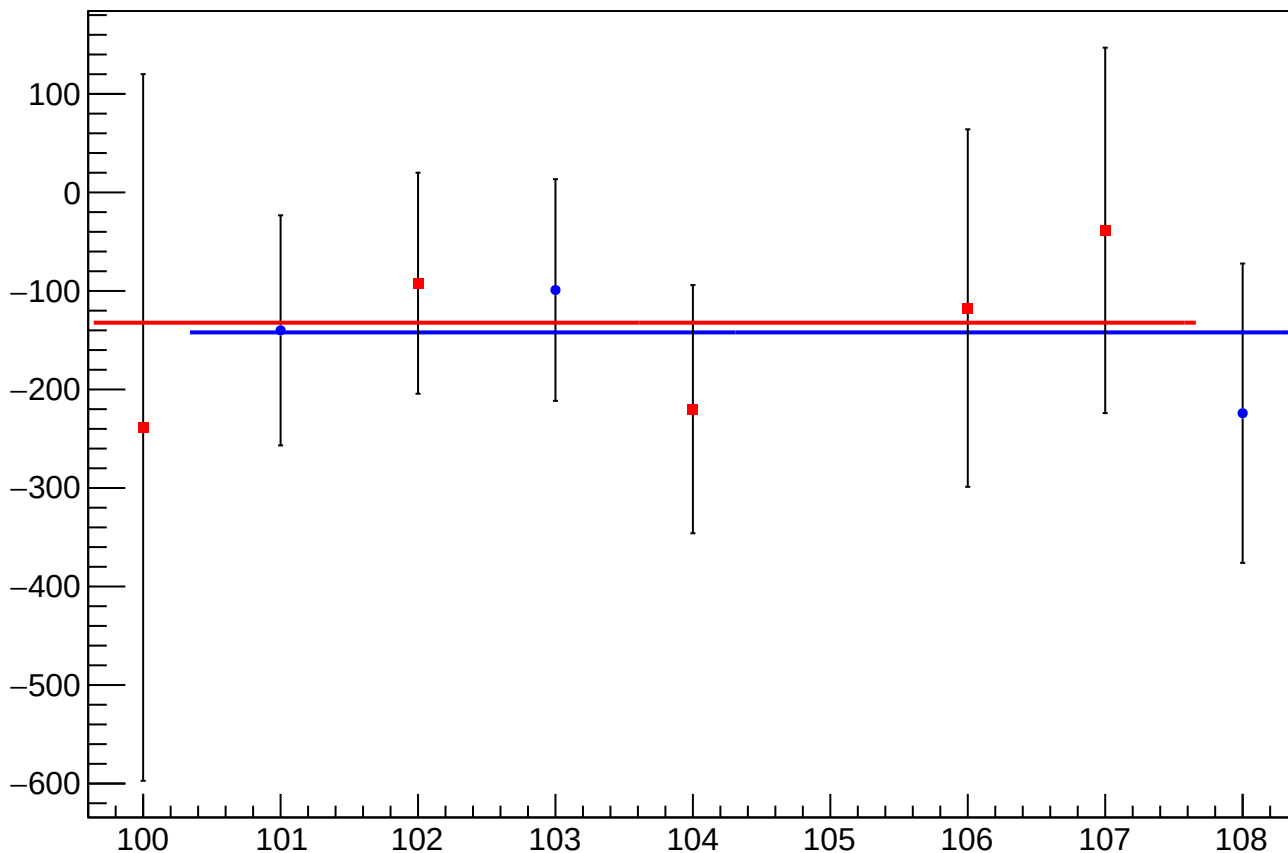
Right: 627.452 $\pm$ 0.239 χ^2 /NDF: 18457.5/7

In: 613.501 $\pm$ 0.337 χ^2 /NDF:339.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 627.452 $\pm$ 0.239 χ^2 /NDF: 18457.5/7

cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -142.083+/-71.486 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -132.210+/-69.051 χ^2/NDF : 1.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

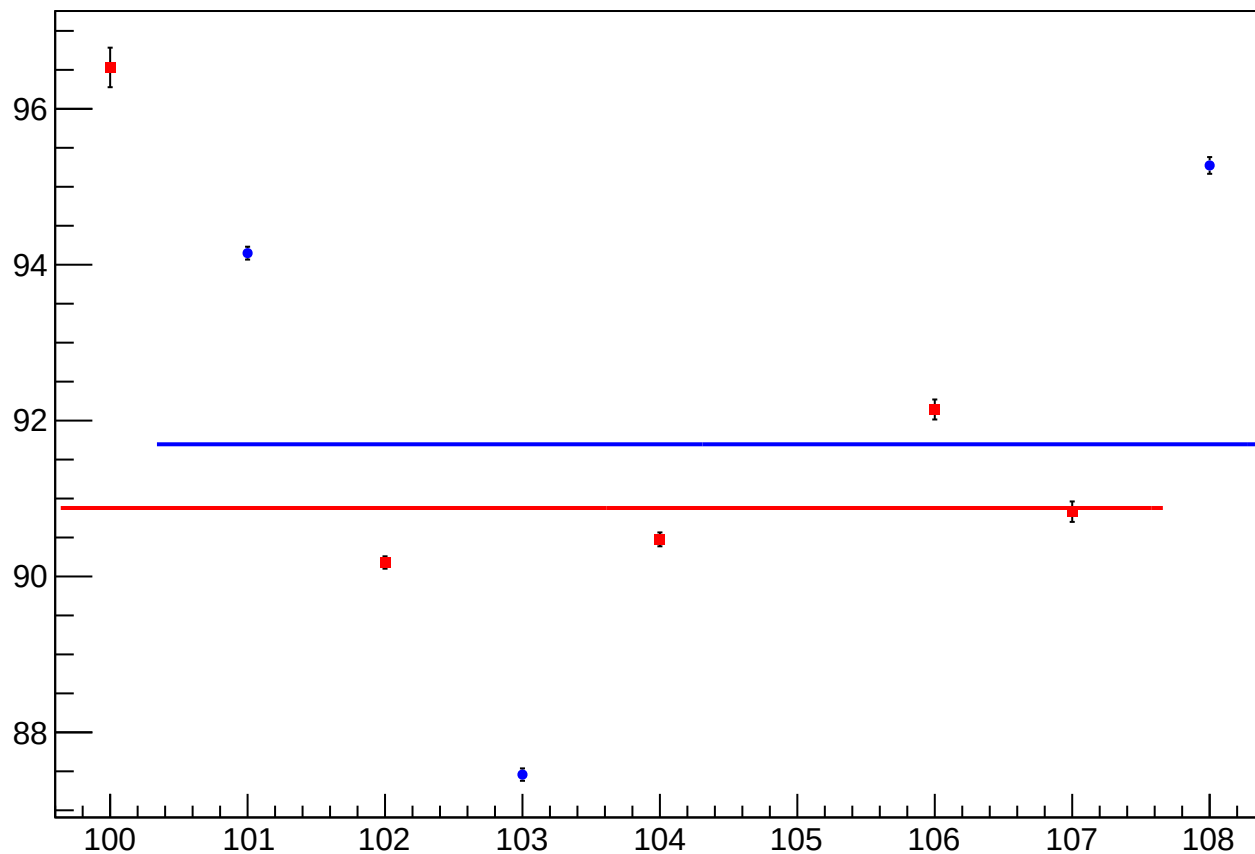
Right: -136.975+/-49.665 χ^2/NDF : 1.4/7

In: -142.083+/-71.486 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -136.975+/-49.665 χ^2/NDF : 1.4/7

cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 91.696 ± 0.051 $\chi^2/\text{NDF}: 4829.8/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 90.879 ± 0.049 $\chi^2/\text{NDF}: 692.1/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

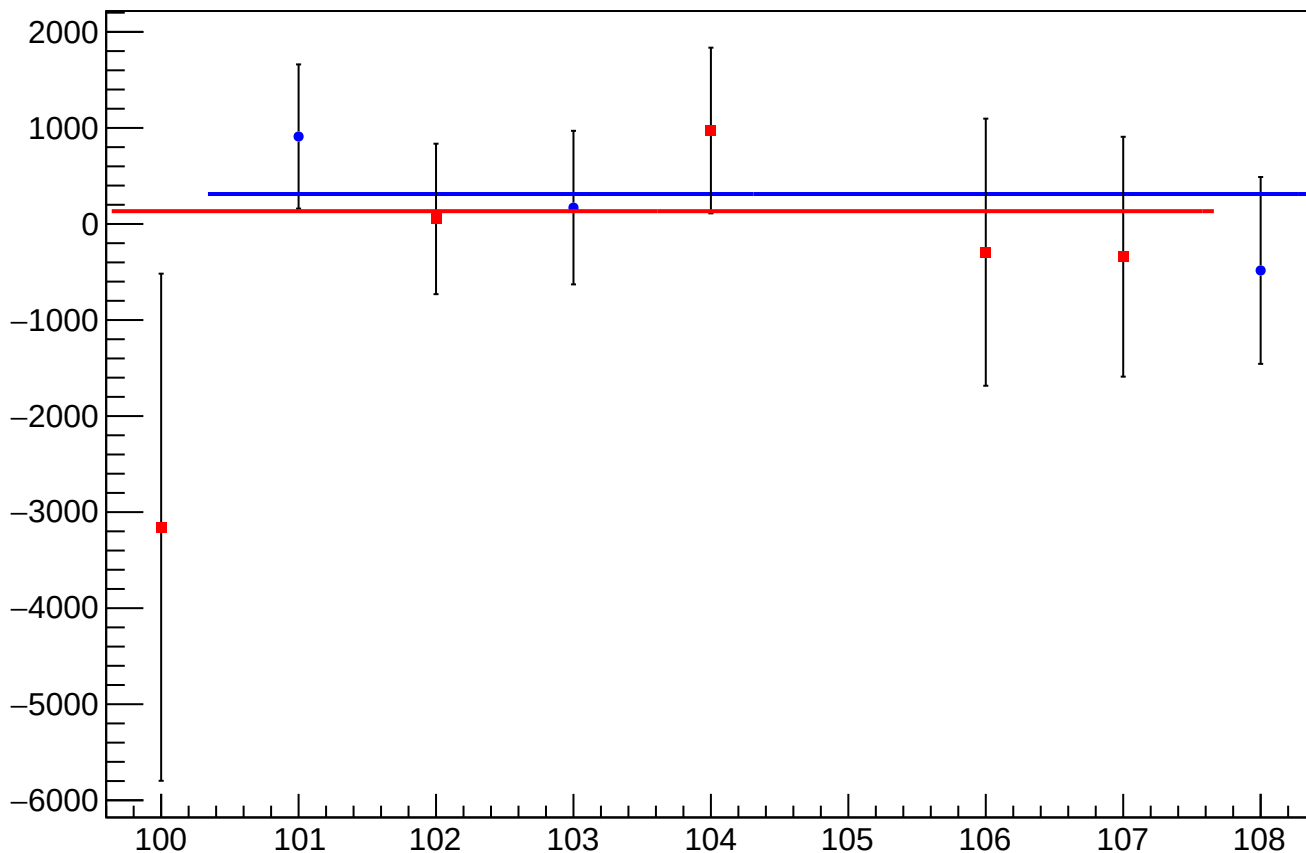
Right: 91.273 ± 0.035 $\chi^2/\text{NDF}: 5657.2/7$

In: 91.696 ± 0.051 $\chi^2/\text{NDF}: 4829.8/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 91.273 ± 0.035 $\chi^2/\text{NDF}: 5657.2/7$

asym_sam_37_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 312.028+/-476.941 χ^2/NDF : 1.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.372+/-483.563 χ^2/NDF : 2.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

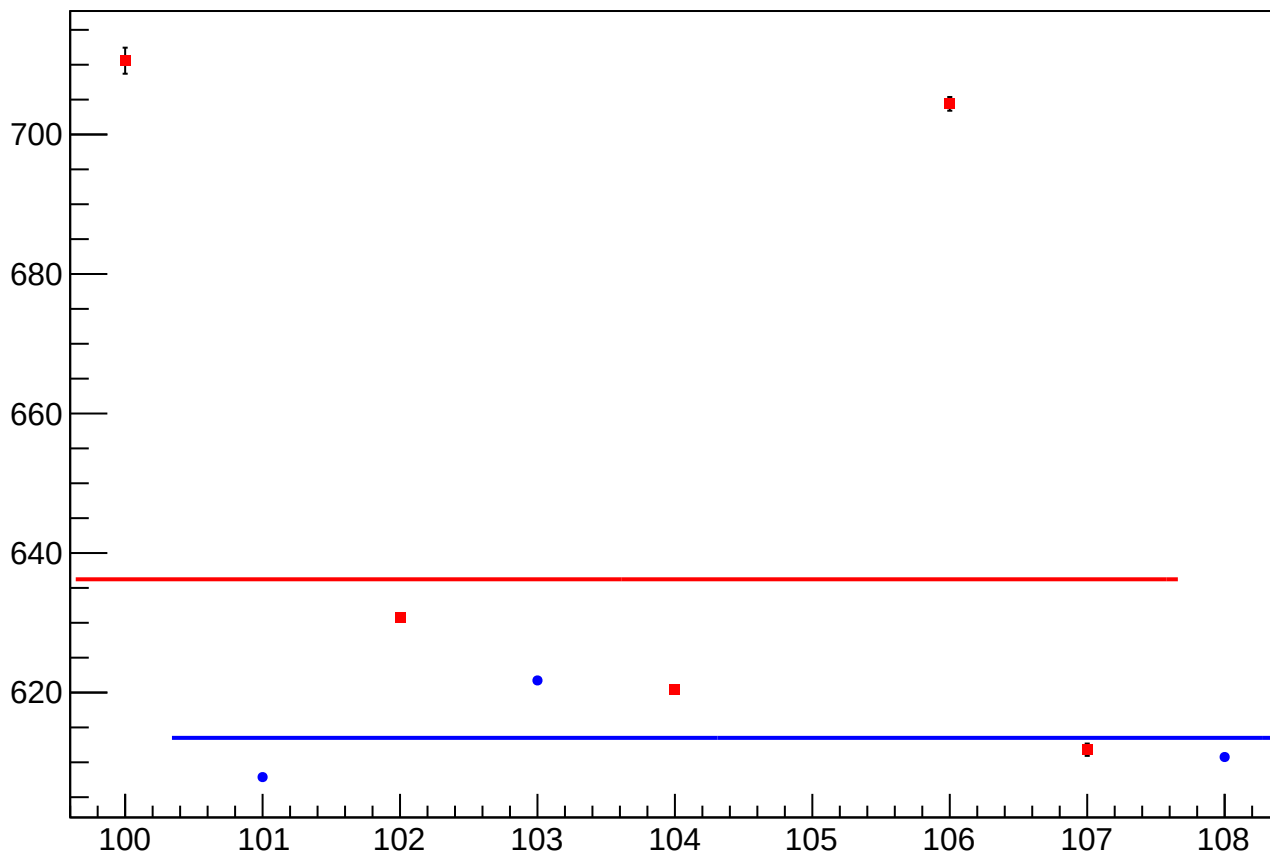
Right: 223.932+/-339.565 χ^2/NDF : 4.2/7

In: 312.028+/-476.941 χ^2/NDF : 1.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 223.932+/-339.565 χ^2/NDF : 4.2/7

asym_sam_37_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 613.505+/-0.337 χ^2/NDF : 340.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 636.236+/-0.342 χ^2/NDF : 7930.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

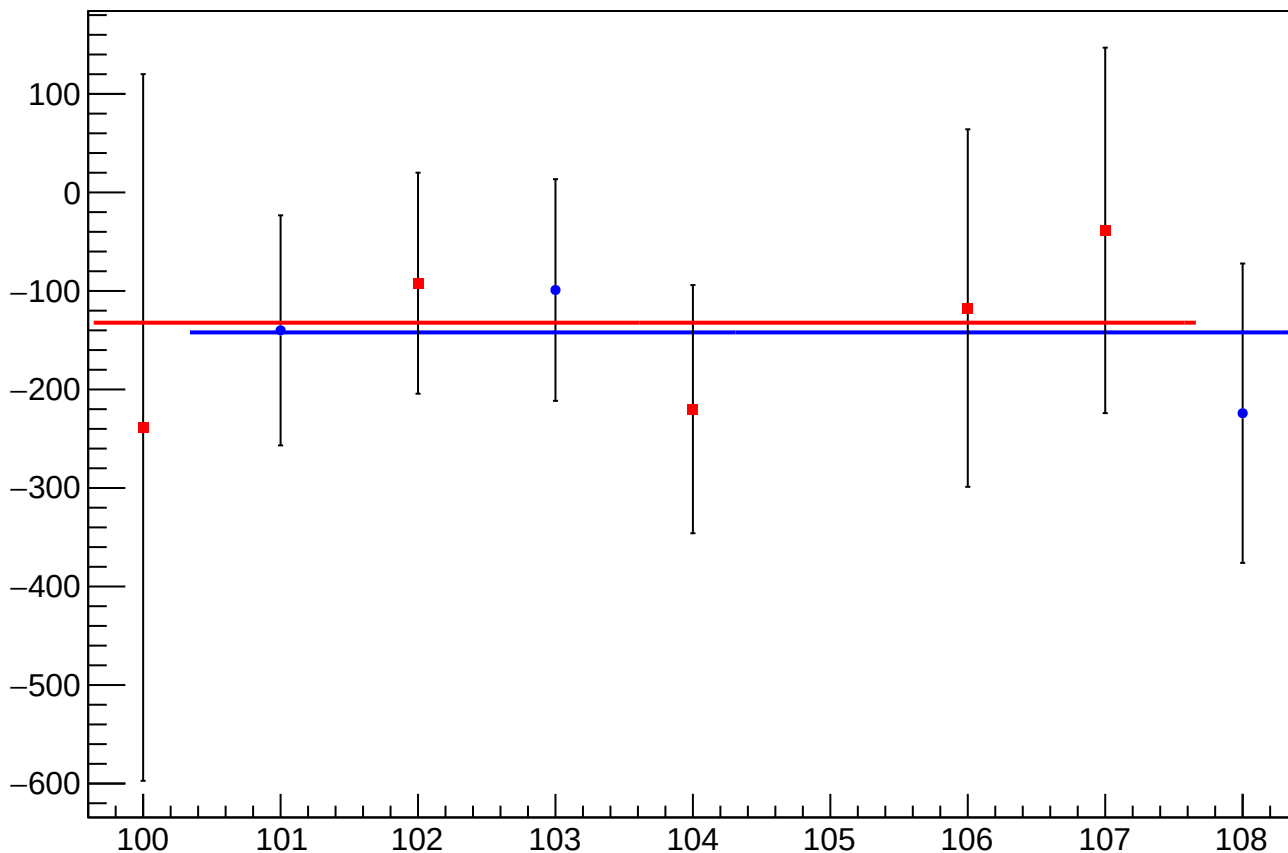
Right: 624.714+/-0.240 χ^2/NDF : 10510.5/7

In: 613.505+/-0.337 χ^2/NDF : 340.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 624.714+/-0.240 χ^2/NDF : 10510.5/7

eigen_cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -142.083+/-71.486 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -132.210+/-69.051 χ^2/NDF : 1.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

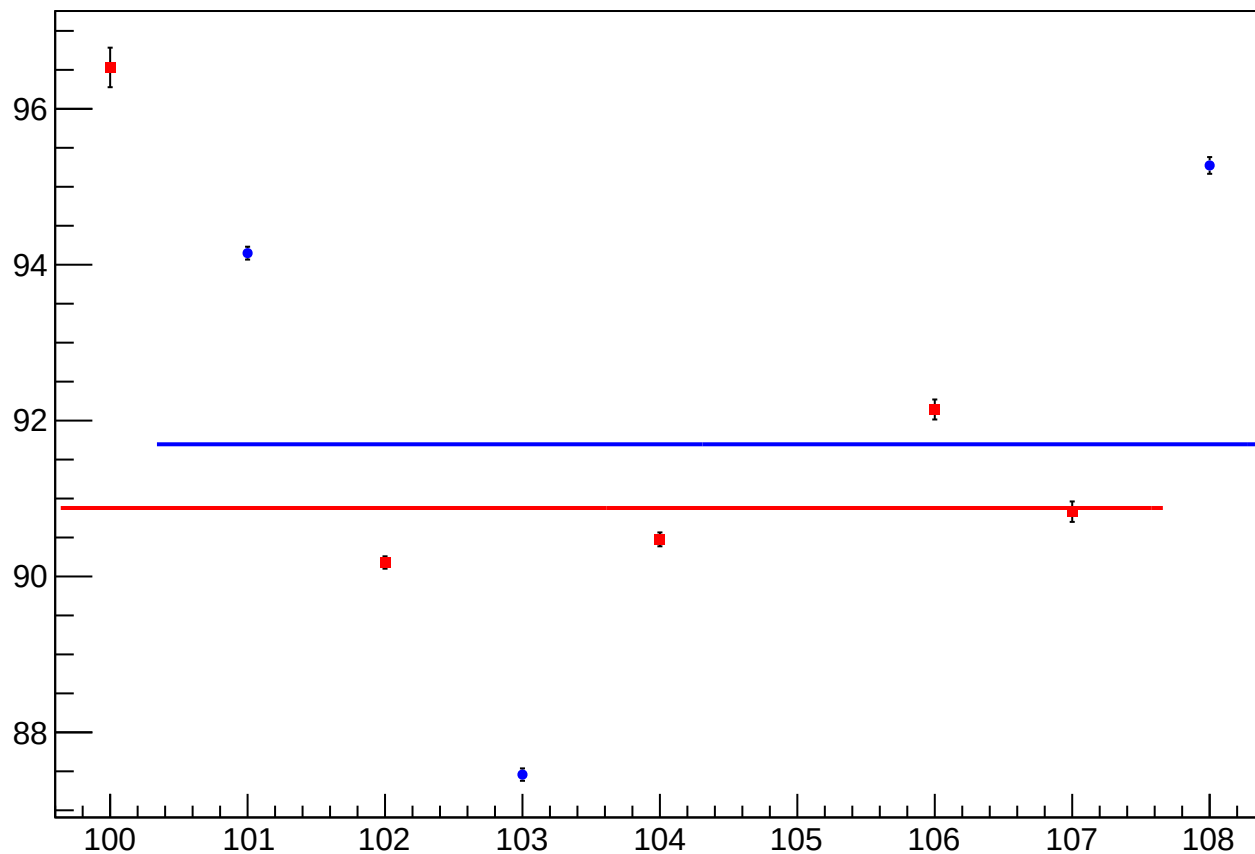
Right: -136.975+/-49.665 χ^2/NDF : 1.4/7

In: -142.083+/-71.486 χ^2/NDF : 0.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -136.975+/-49.665 χ^2/NDF : 1.4/7

eigen_cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 91.696 ± 0.051 $\chi^2/\text{NDF}: 4829.8/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 90.879 ± 0.049 $\chi^2/\text{NDF}: 692.1/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

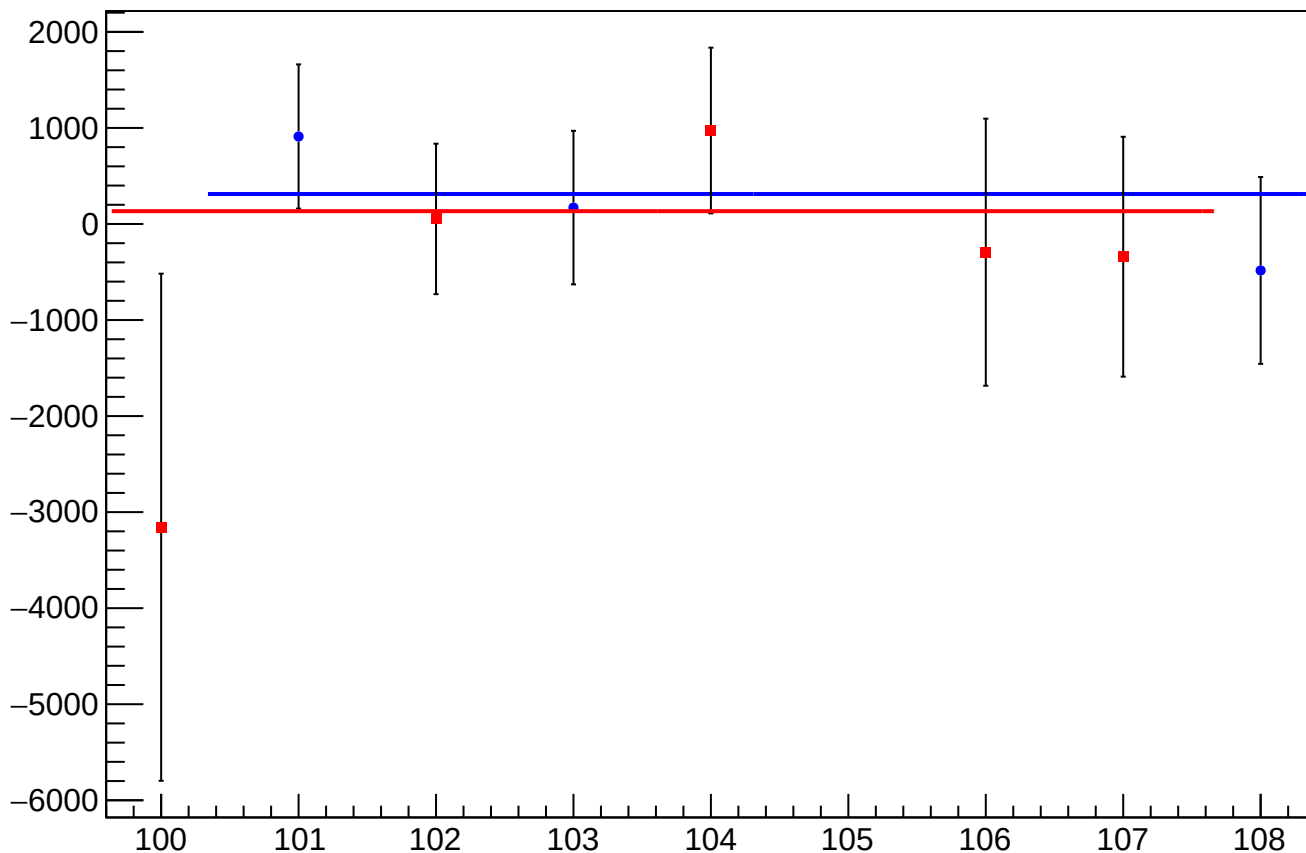
Right: 91.273 ± 0.035 $\chi^2/\text{NDF}: 5657.2/7$

In: 91.696 ± 0.051 $\chi^2/\text{NDF}: 4829.8/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 91.273 ± 0.035 $\chi^2/\text{NDF}: 5657.2/7$

asym_sam_37_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 312.028 $\pm$ 476.941 χ^2 /NDF: 1.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 133.372 $\pm$ 483.563 χ^2 /NDF: 2.8/4

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

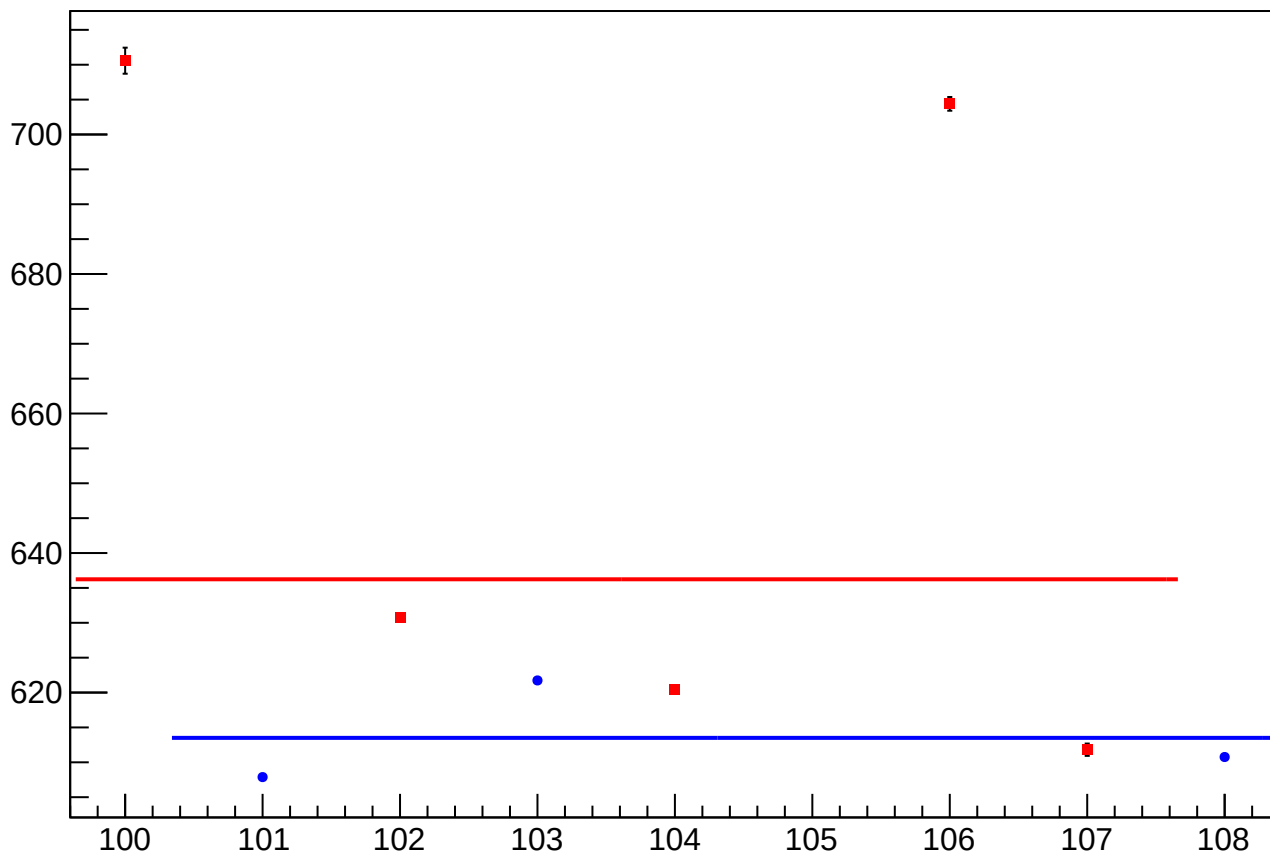
Right: 223.932 $\pm$ 339.565 χ^2 /NDF: 4.2/7

In: 312.028 $\pm$ 476.941 χ^2 /NDF:1.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 223.932 $\pm$ 339.565 χ^2 /NDF: 4.2/7

asym_sam_37_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 613.505+/-0.337 χ^2/NDF : 340.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 636.236+/-0.342 χ^2/NDF : 7930.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

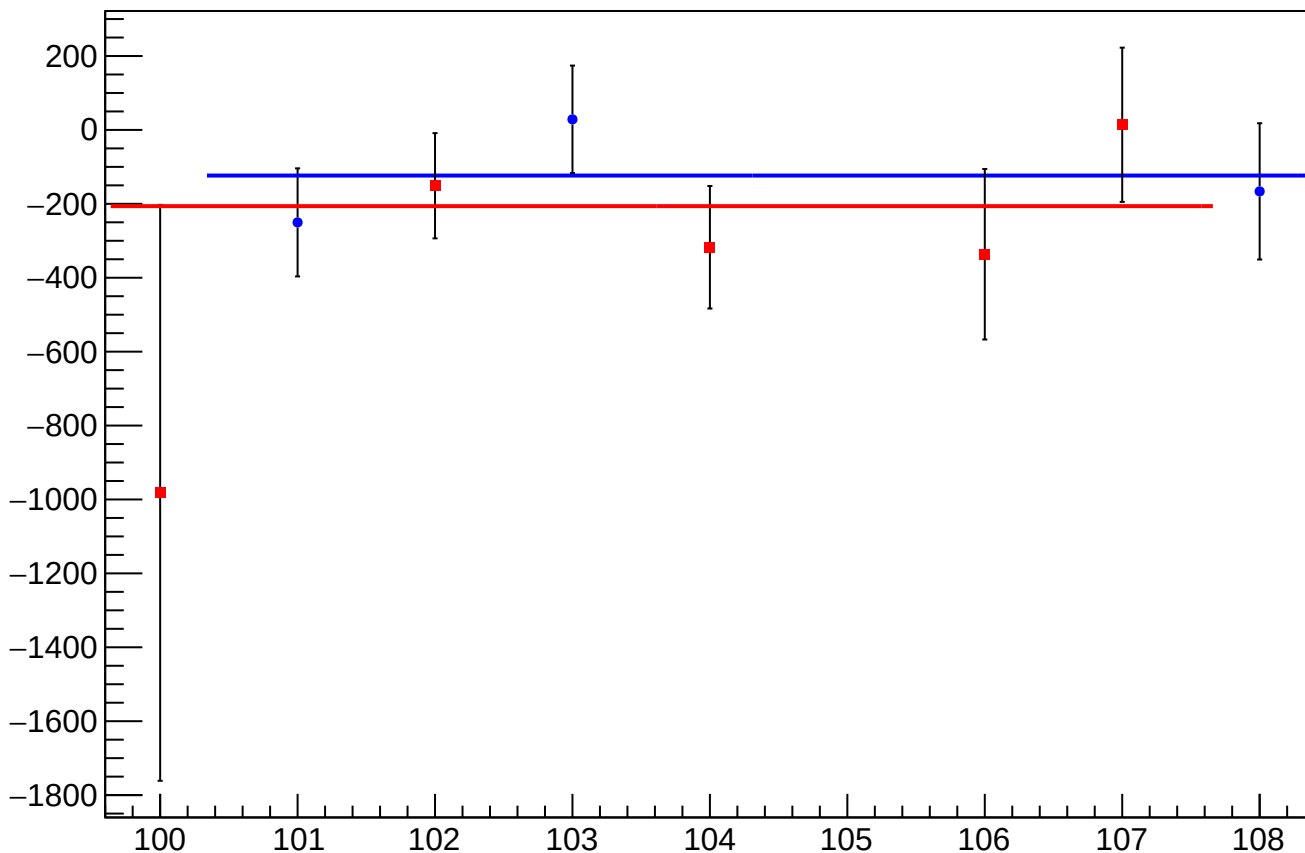
Right: 624.714+/-0.240 χ^2/NDF : 10510.5/7

In: 613.505+/-0.337 χ^2/NDF : 340.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 624.714+/-0.240 χ^2/NDF : 10510.5/7

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -123.454 $\pm$ 90.012 χ^2 /NDF: 1.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -206.223 $\pm$ 87.990 χ^2 /NDF: 3.0/4

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

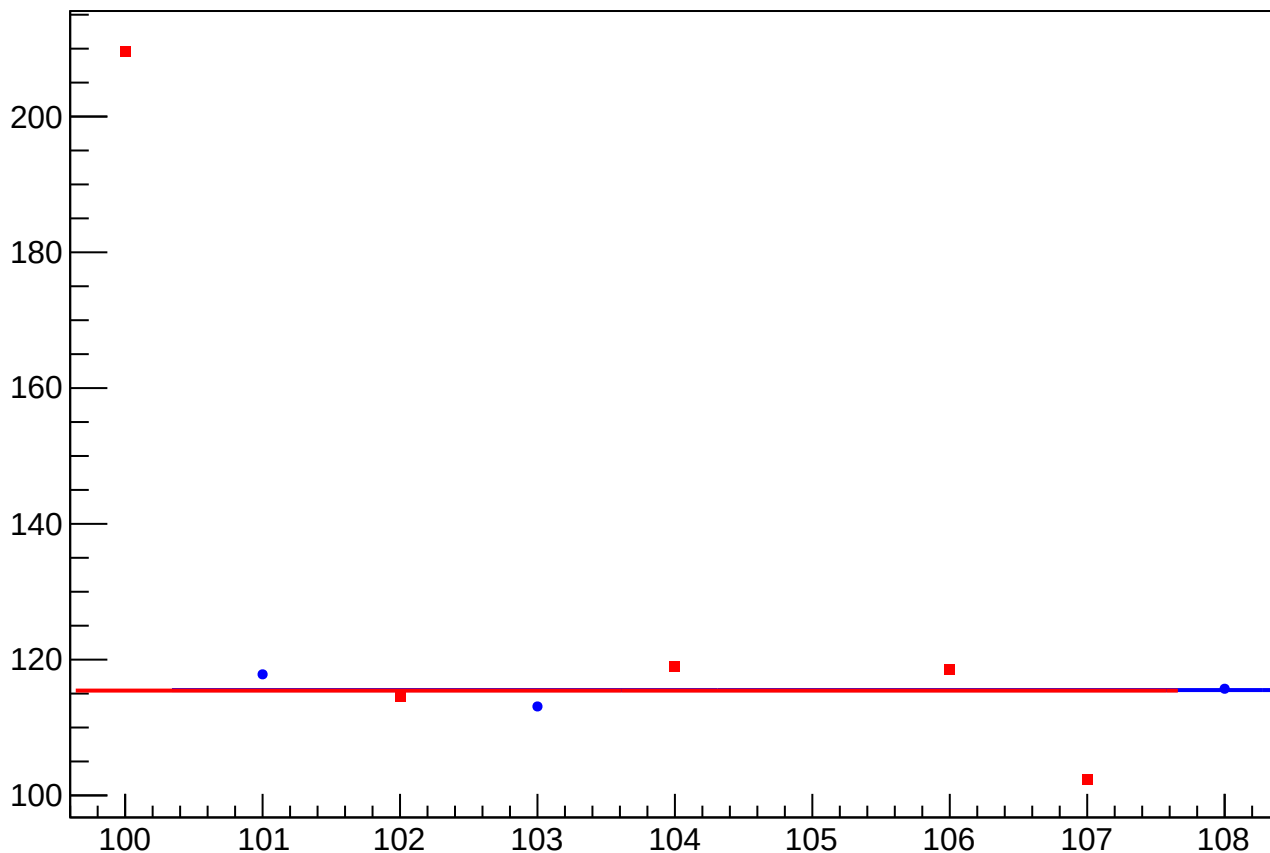
Right: -165.778 $\pm$ 62.921 χ^2 /NDF: 5.4/7

In: -123.454 $\pm$ 90.012 χ^2 /NDF:1.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -165.778 $\pm$ 62.921 χ^2 /NDF: 5.4/7

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 115.517+/-0.064 χ^2/NDF : 1055.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.441+/-0.062 χ^2/NDF : 38521.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

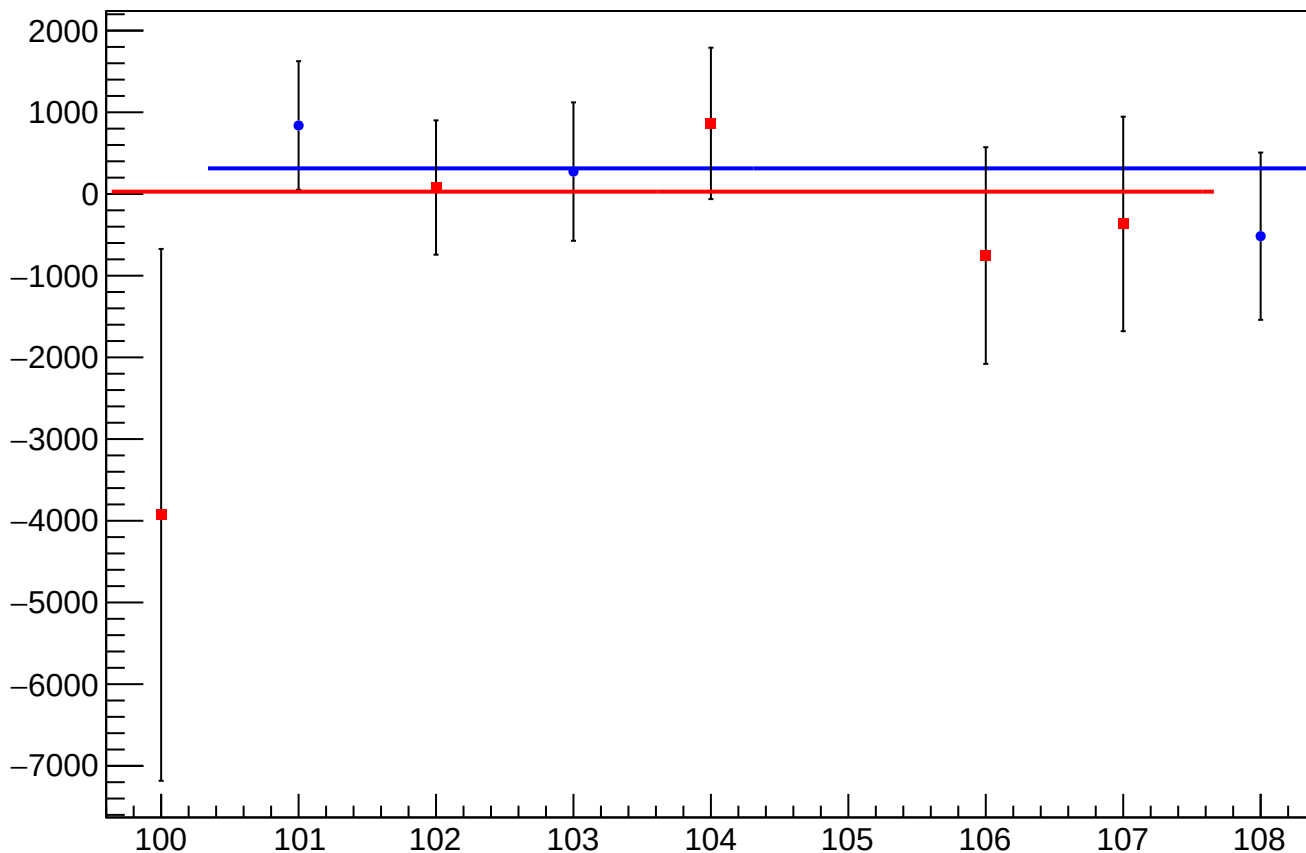
Right: 115.478+/-0.044 χ^2/NDF : 39577.6/7

In: 115.517+/-0.064 χ^2/NDF : 1055.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.478+/-0.044 χ^2/NDF : 39577.6/7

asym_sam_37_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 313.645+/-502.395 χ^2/NDF : 1.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.619+/-507.195 χ^2/NDF : 2.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

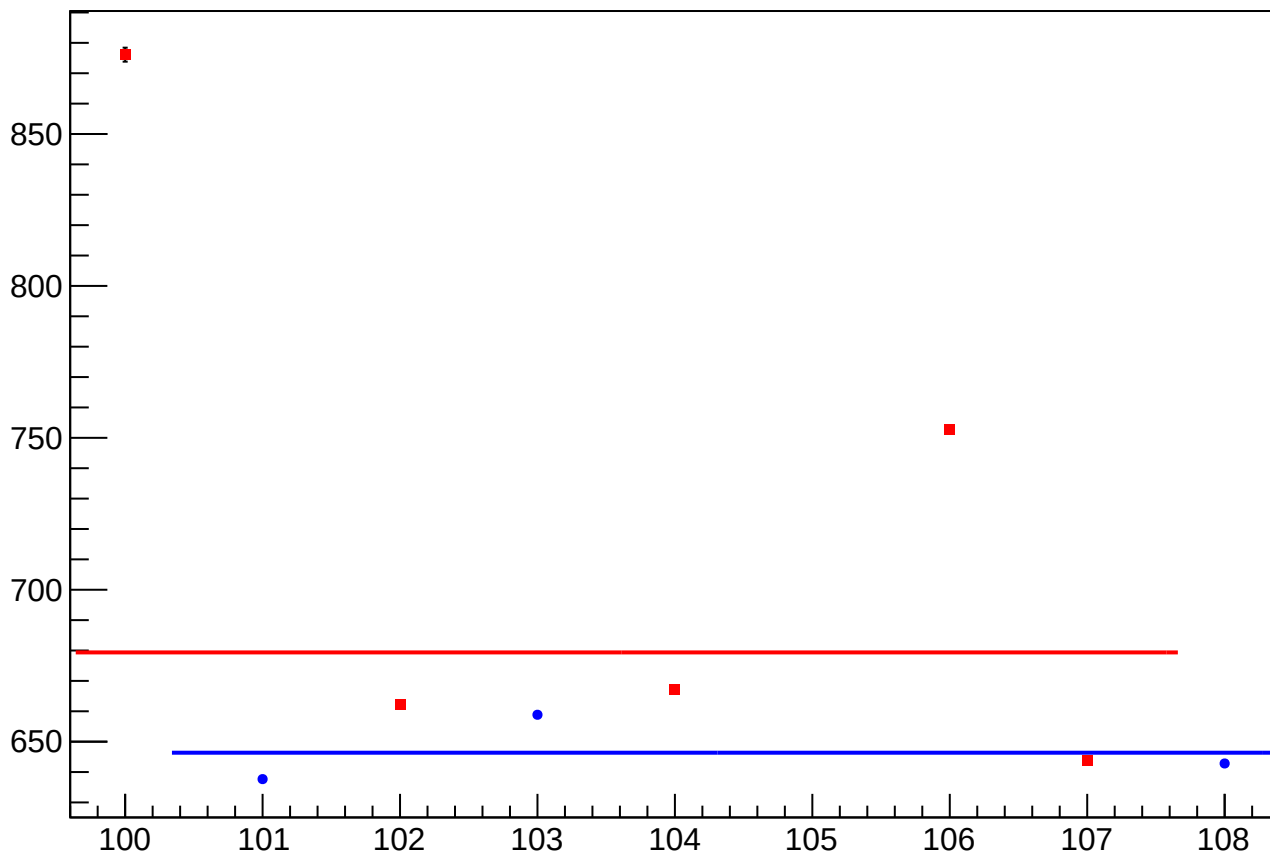
Right: 172.488+/-356.932 χ^2/NDF : 4.0/7

In: 313.645+/-502.395 χ^2/NDF : 1.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.488+/-356.932 χ^2/NDF : 4.0/7

asym_sam_37_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 646.365+/-0.355 χ^2/NDF : 702.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 679.374+/-0.359 χ^2/NDF : 16102.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

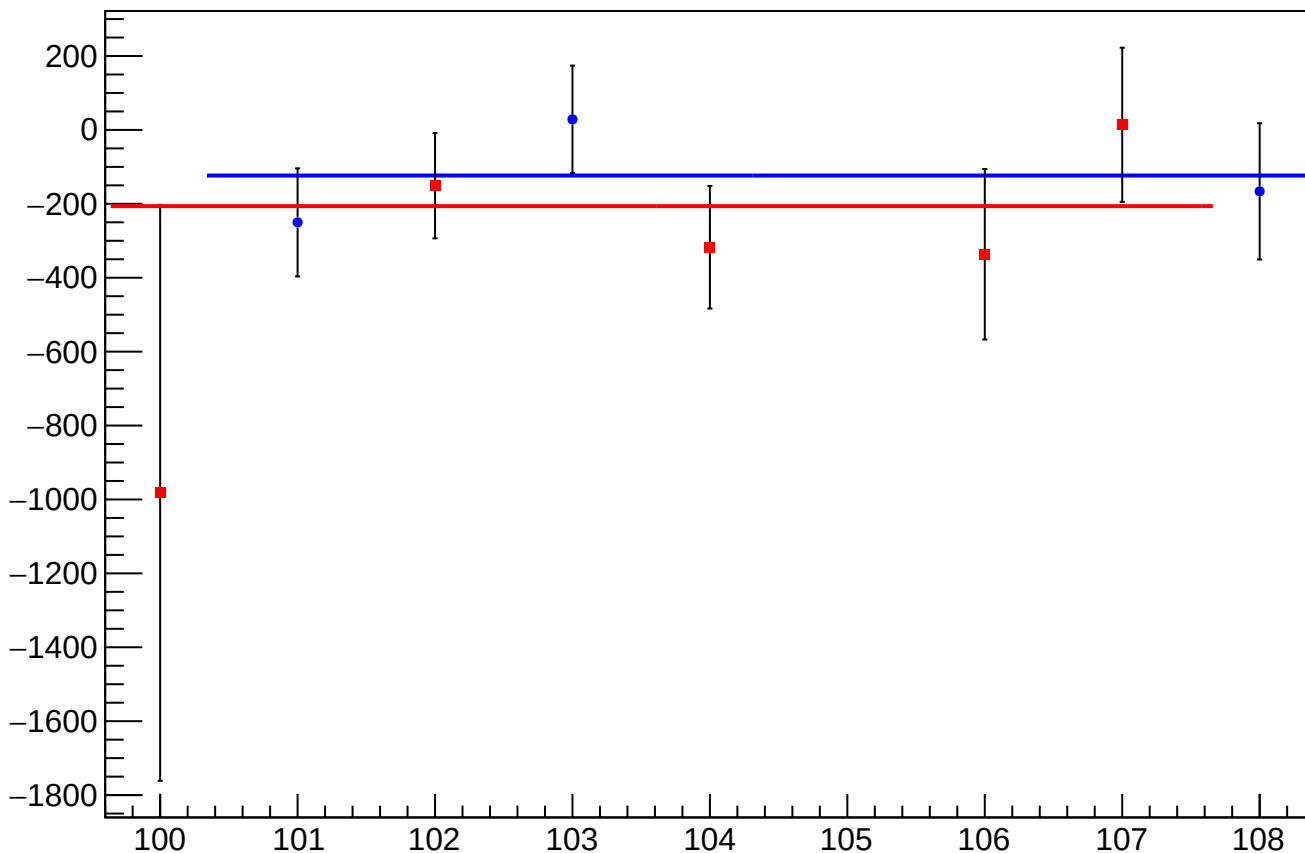
Right: 662.712+/-0.252 χ^2/NDF : 21080.7/7

In: 646.365+/-0.355 χ^2/NDF : 702.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 662.712+/-0.252 χ^2/NDF : 21080.7/7

eigen_dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -123.449+/-90.011 χ^2/NDF : 1.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -206.224+/-87.989 χ^2/NDF : 3.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

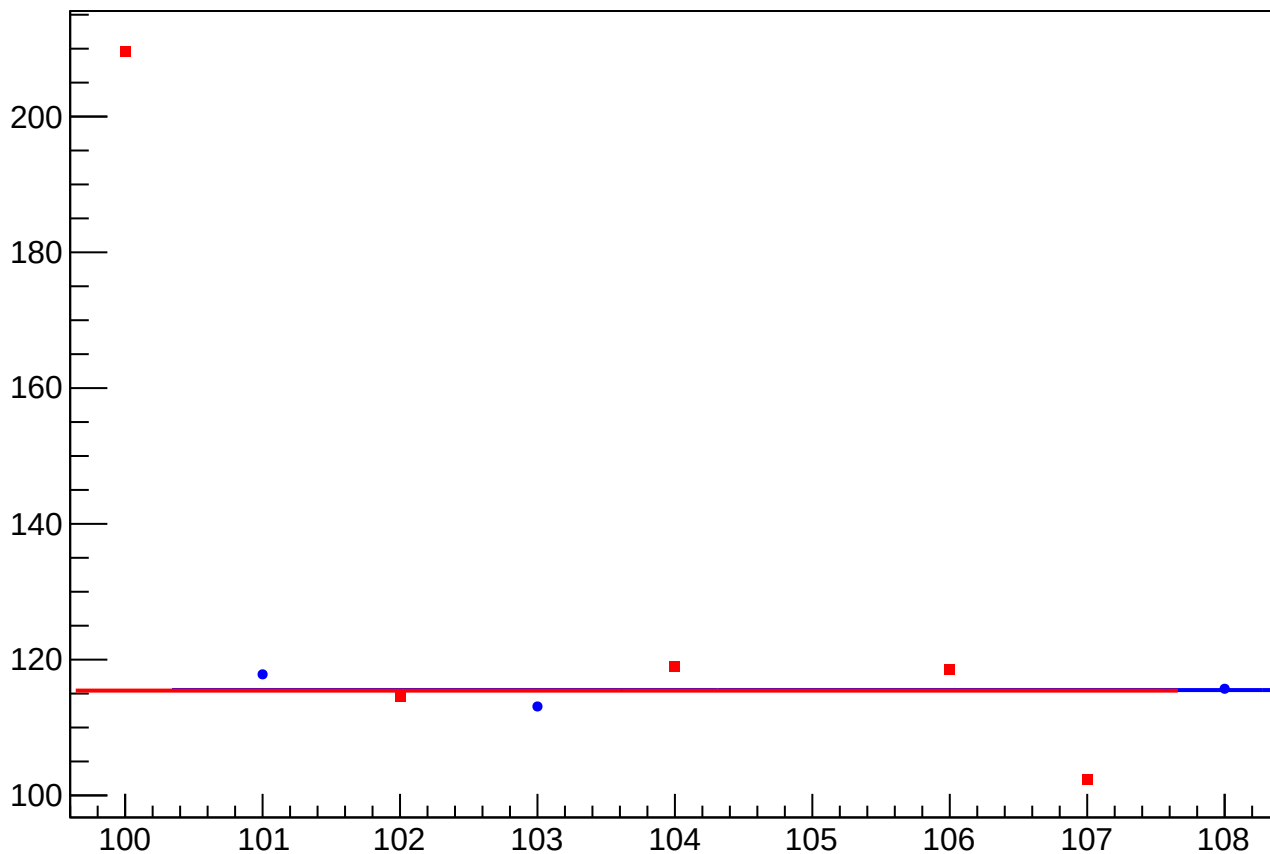
Right: -165.777+/-62.921 χ^2/NDF : 5.4/7

In: -123.449+/-90.011 χ^2/NDF : 1.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -165.777+/-62.921 χ^2/NDF : 5.4/7

eigen_dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 115.517+/-0.064 χ^2/NDF : 1055.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.440+/-0.062 χ^2/NDF : 38521.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

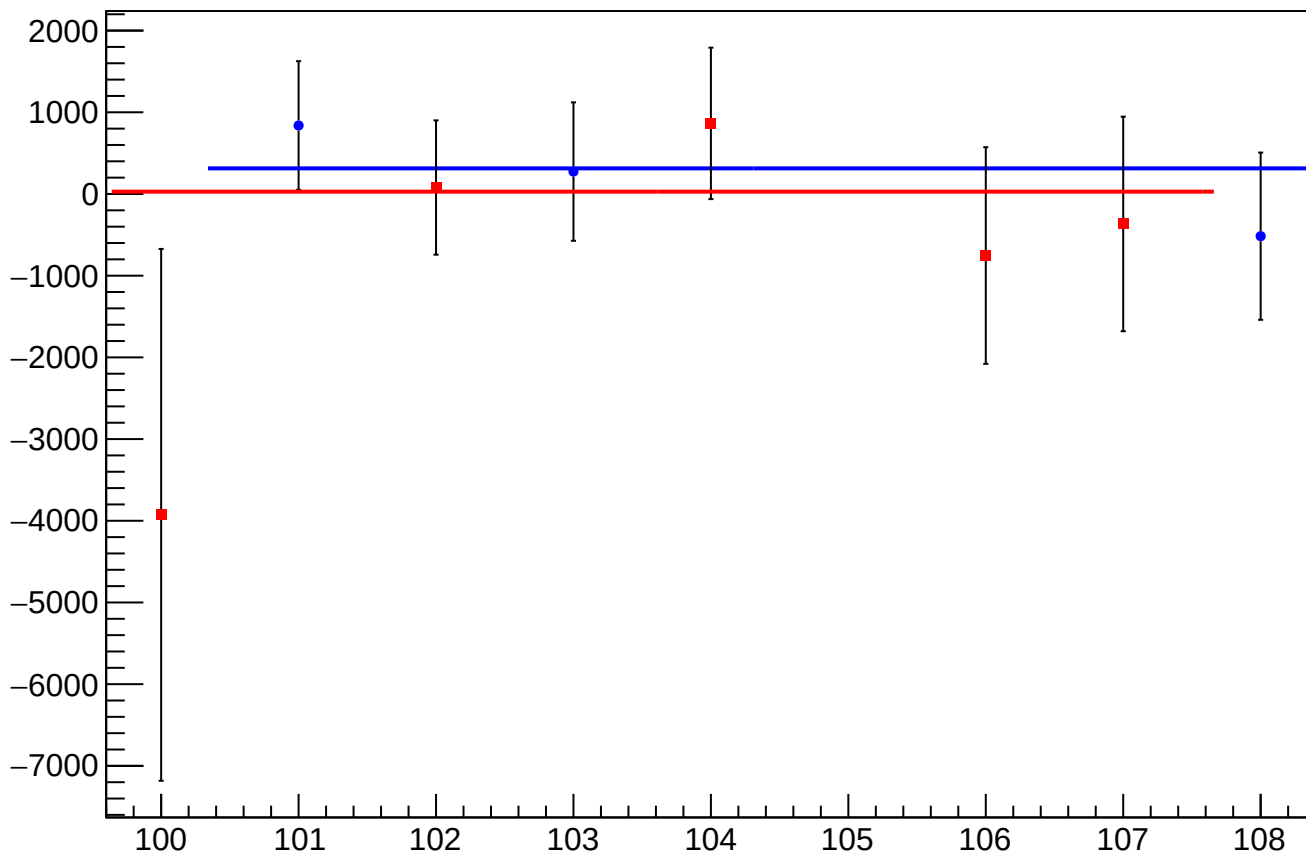
Right: 115.478+/-0.044 χ^2/NDF : 39578.2/7

In: 115.517+/-0.064 χ^2/NDF : 1055.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.478+/-0.044 χ^2/NDF : 39578.2/7

asym_sam_37_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 313.648 $\pm$ 502.394 χ^2 /NDF: 1.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 28.620 $\pm$ 507.194 χ^2 /NDF: 2.7/4

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

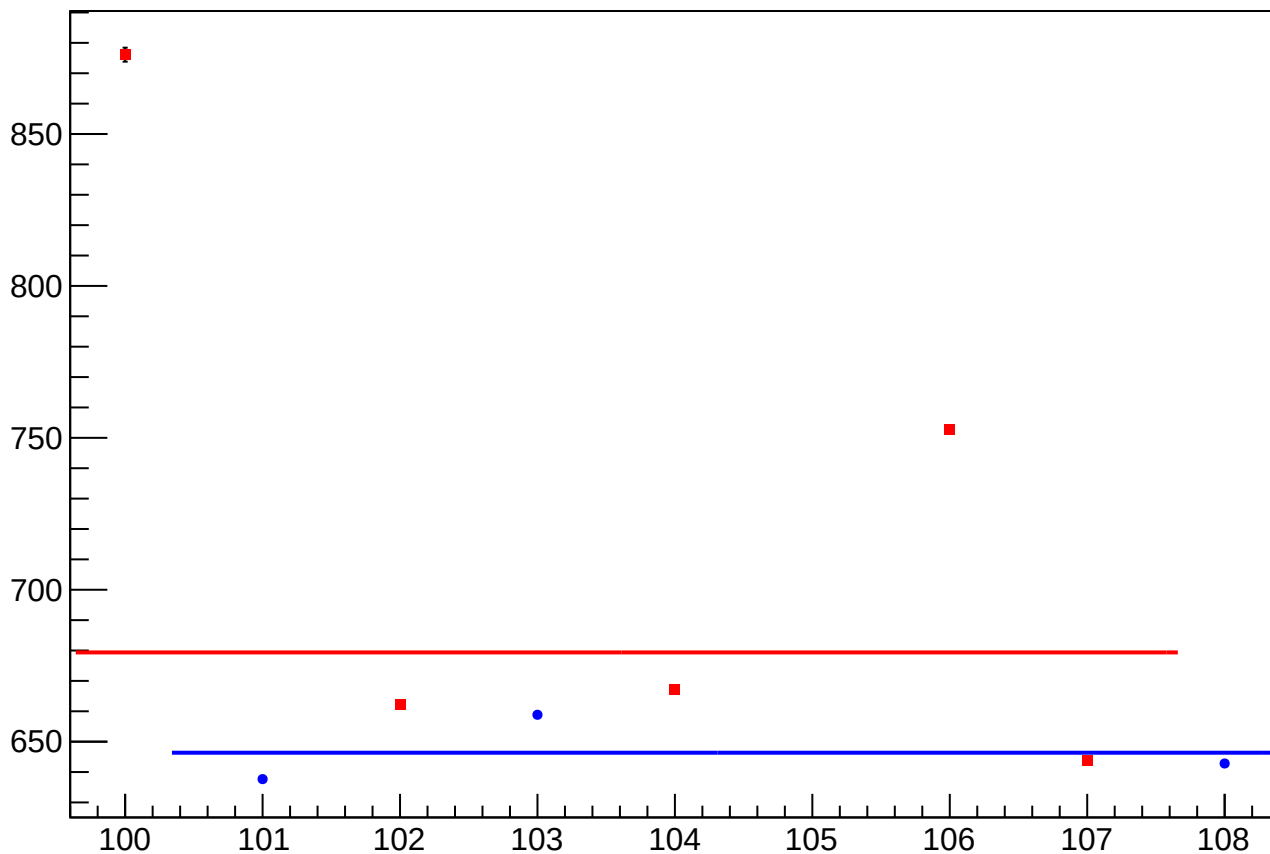
Right: 172.489 $\pm$ 356.931 χ^2 /NDF: 4.0/7

In: 313.648 $\pm$ 502.394 χ^2 /NDF:1.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 172.489 $\pm$ 356.931 χ^2 /NDF: 4.0/7

asym_sam_37_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 646.364+/-0.355 χ^2/NDF : 702.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 679.373+/-0.359 χ^2/NDF : 16102.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

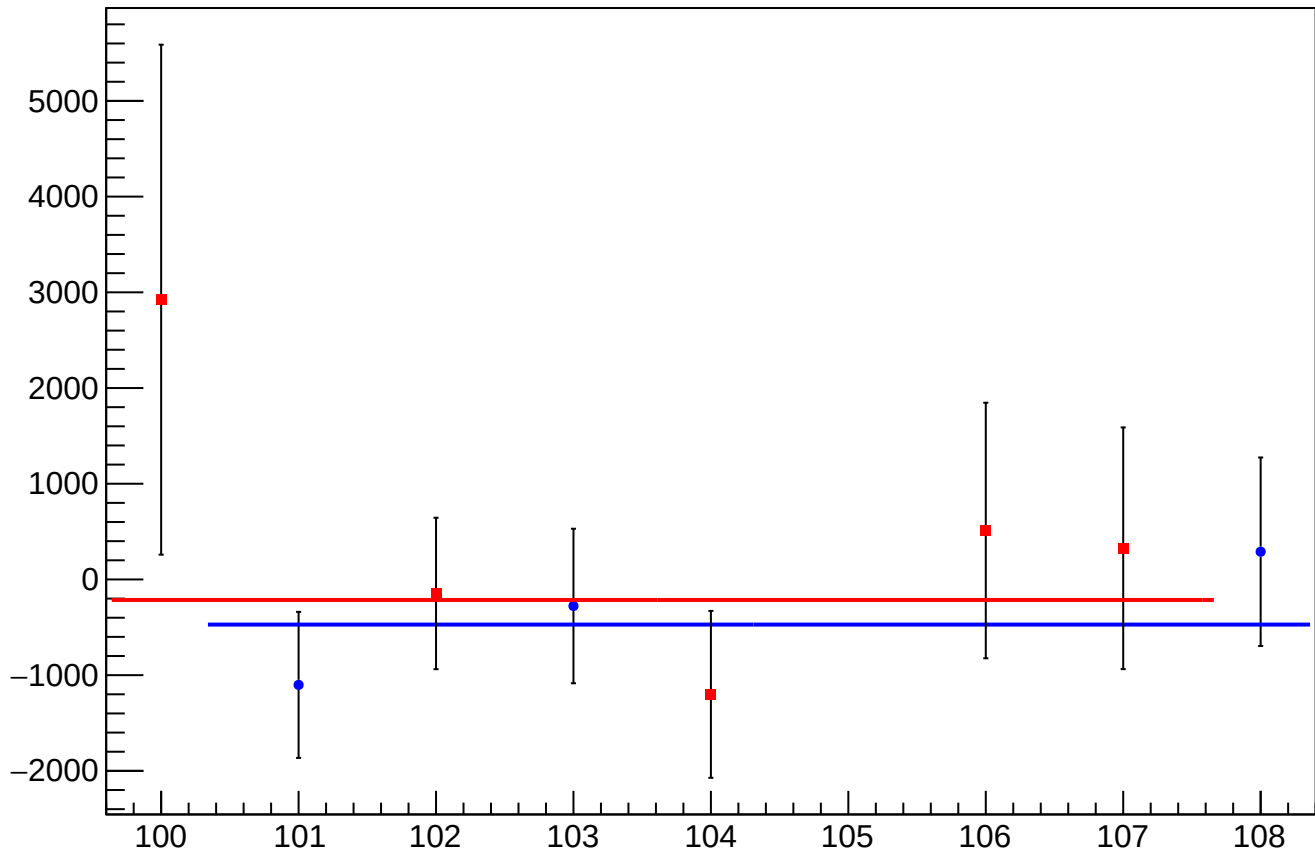
Right: 662.711+/-0.252 χ^2/NDF : 21080.8/7

In: 646.364+/-0.355 χ^2/NDF : 702.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 662.711+/-0.252 χ^2/NDF : 21080.8/7

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -471.503+/-483.178 χ^2/NDF : 1.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -214.469+/-485.481 χ^2/NDF : 3.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

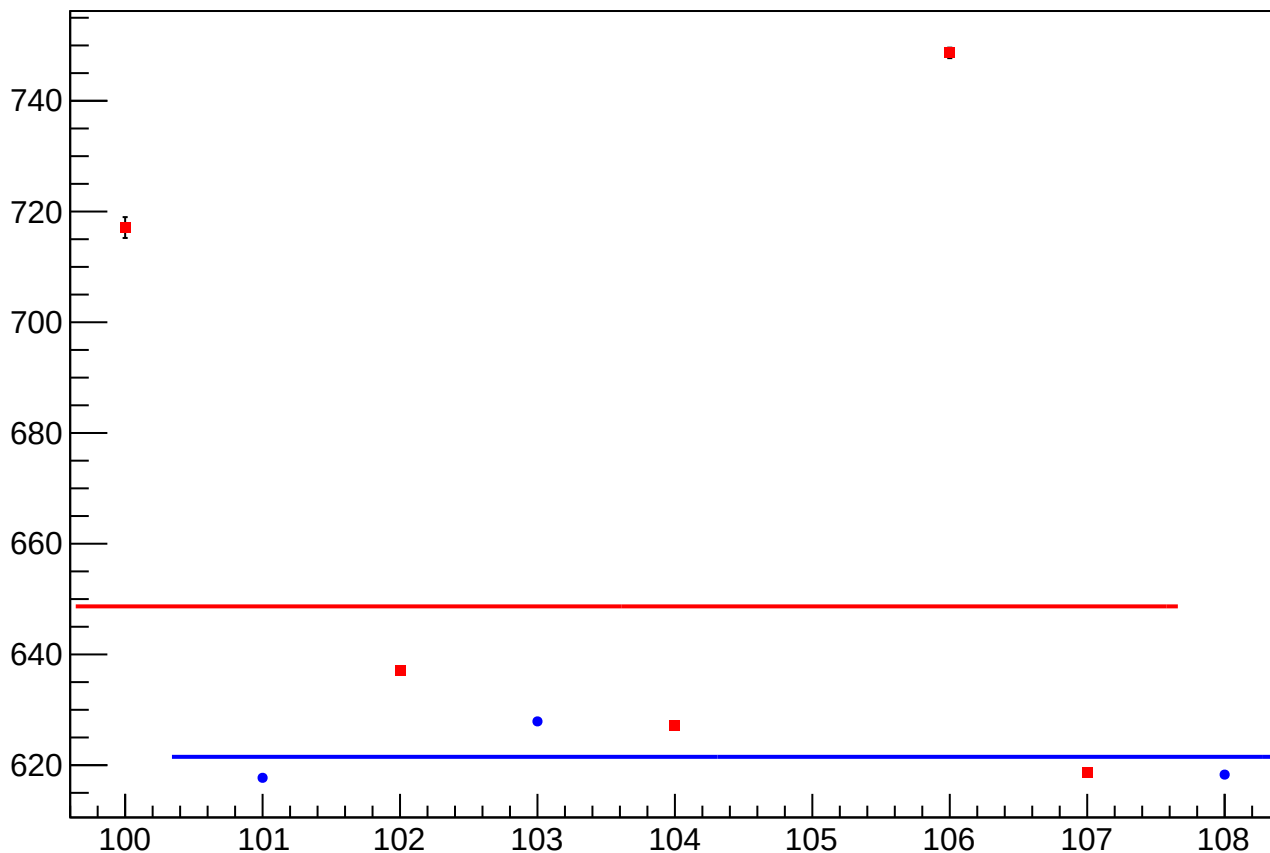
Right: -343.597+/-342.470 χ^2/NDF : 4.6/7

In: -471.503+/-483.178 χ^2/NDF : 1.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -343.597+/-342.470 χ^2/NDF : 4.6/7

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 621.506 $\pm$ 0.342 χ^2 /NDF: 196.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 648.681 $\pm$ 0.343 χ^2 /NDF: 15316.6/4

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

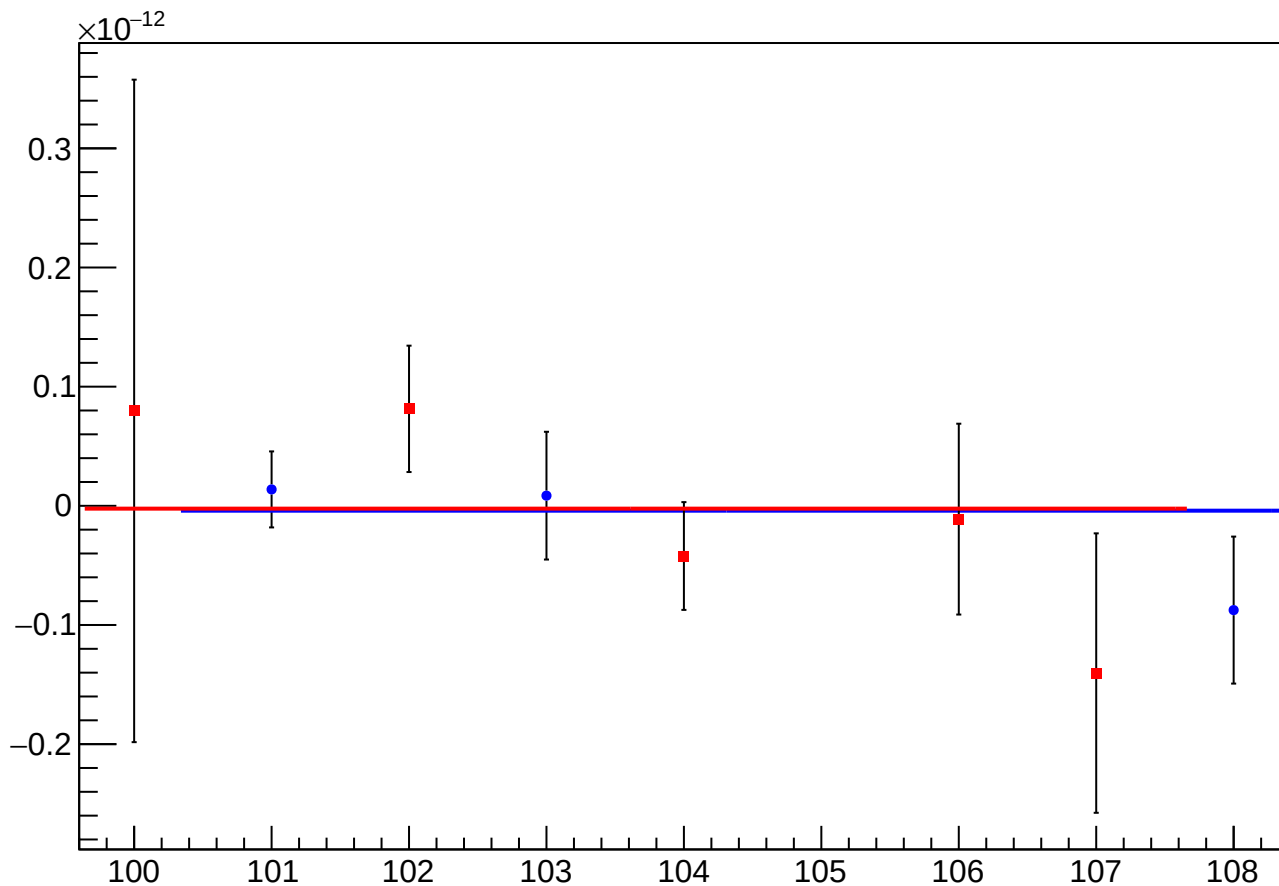
Right: 635.028 $\pm$ 0.242 χ^2 /NDF: 18661.0/7

In: 621.506 $\pm$ 0.342 χ^2 /NDF:196.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 635.028 $\pm$ 0.242 χ^2 /NDF: 18661.0/7

asym_sam_37_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

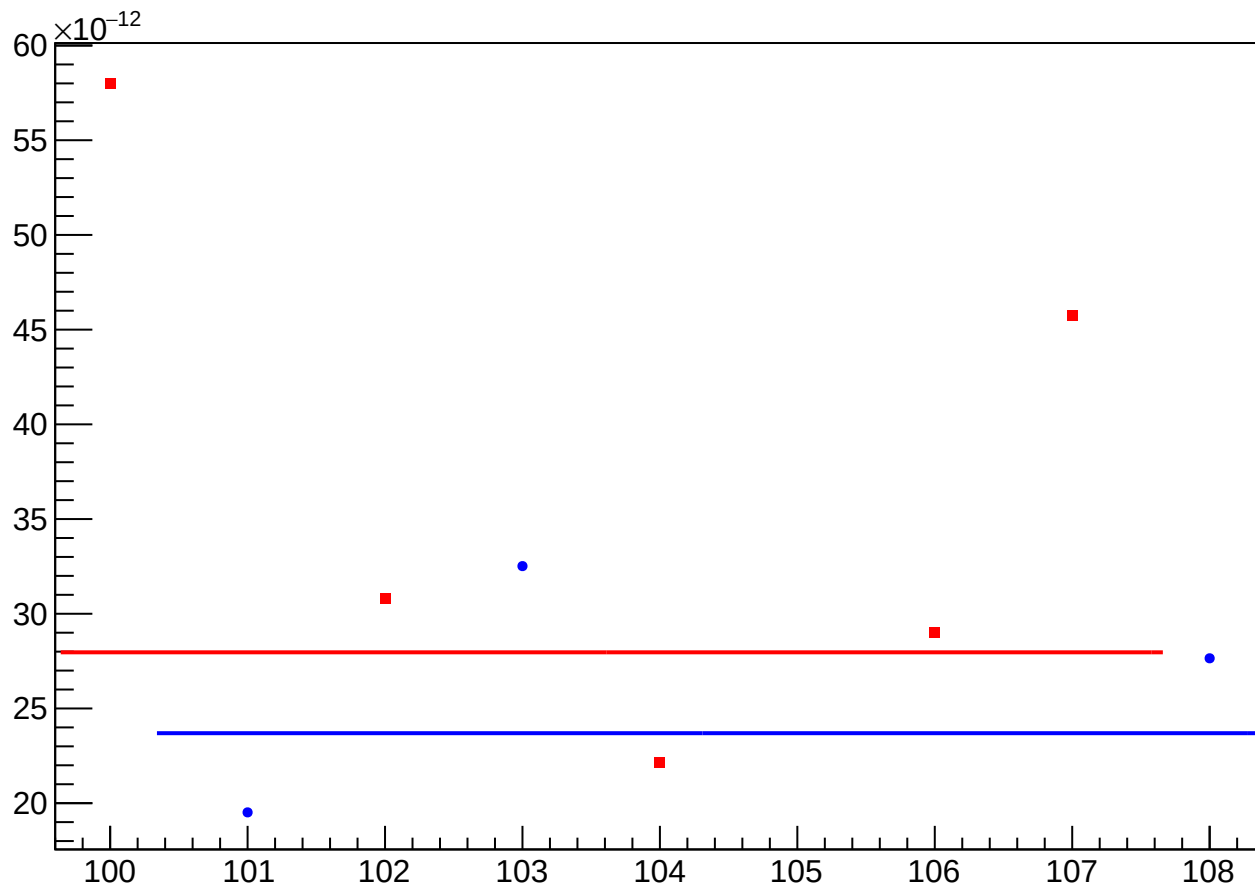
Right: -0.000+/-0.000 χ^2/NDF : 7.0/7

In: -0.000+/-0.000 χ^2/NDF : 2.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.0/7

asym_sam_37_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 96723.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 108518.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

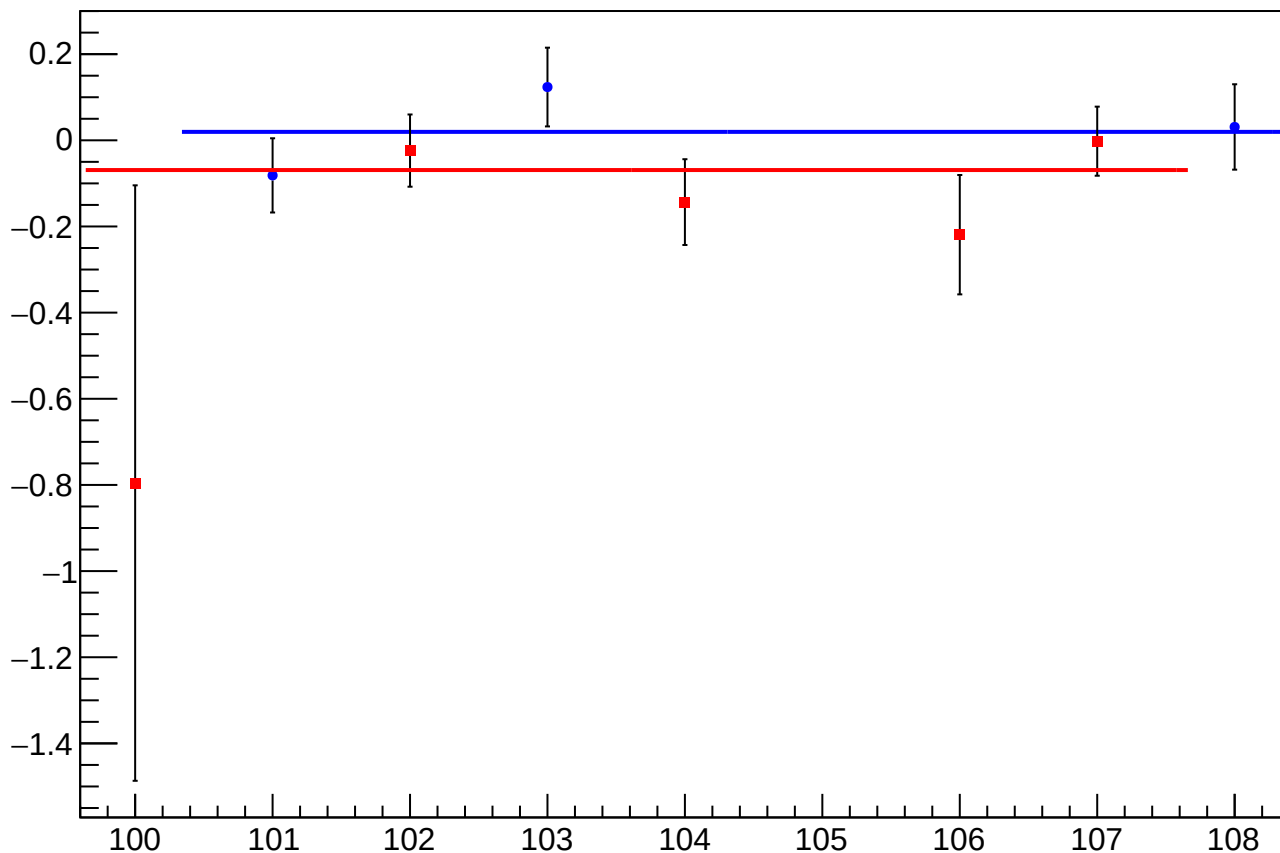
Right: 0.000+/-0.000 χ^2/NDF : 228793.1/7

In: 0.000+/-0.000 χ^2/NDF : 96723.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 228793.1/7

asym_sam_37_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.053 χ^2/NDF : 2.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.069+/-0.047 χ^2/NDF : 3.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

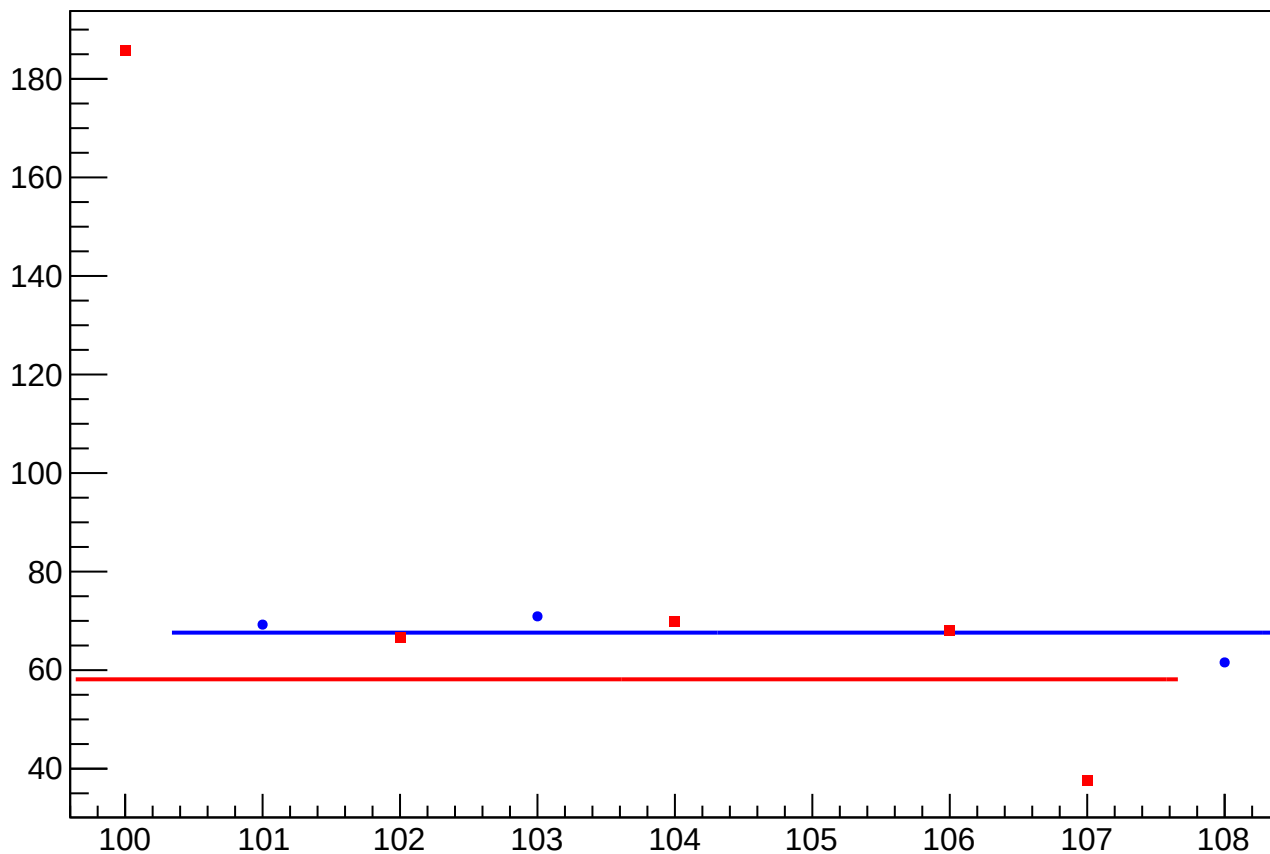
Right: -0.030+/-0.035 χ^2/NDF : 8.1/7

In: 0.020+/-0.053 χ^2/NDF : 2.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.030+/-0.035 χ^2/NDF : 8.1/7

asym_sam_37_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 67.612 $\pm$ 0.037 χ^2 /NDF: 10768.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 58.138 $\pm$ 0.033 χ^2 /NDF: 258806.9/4

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

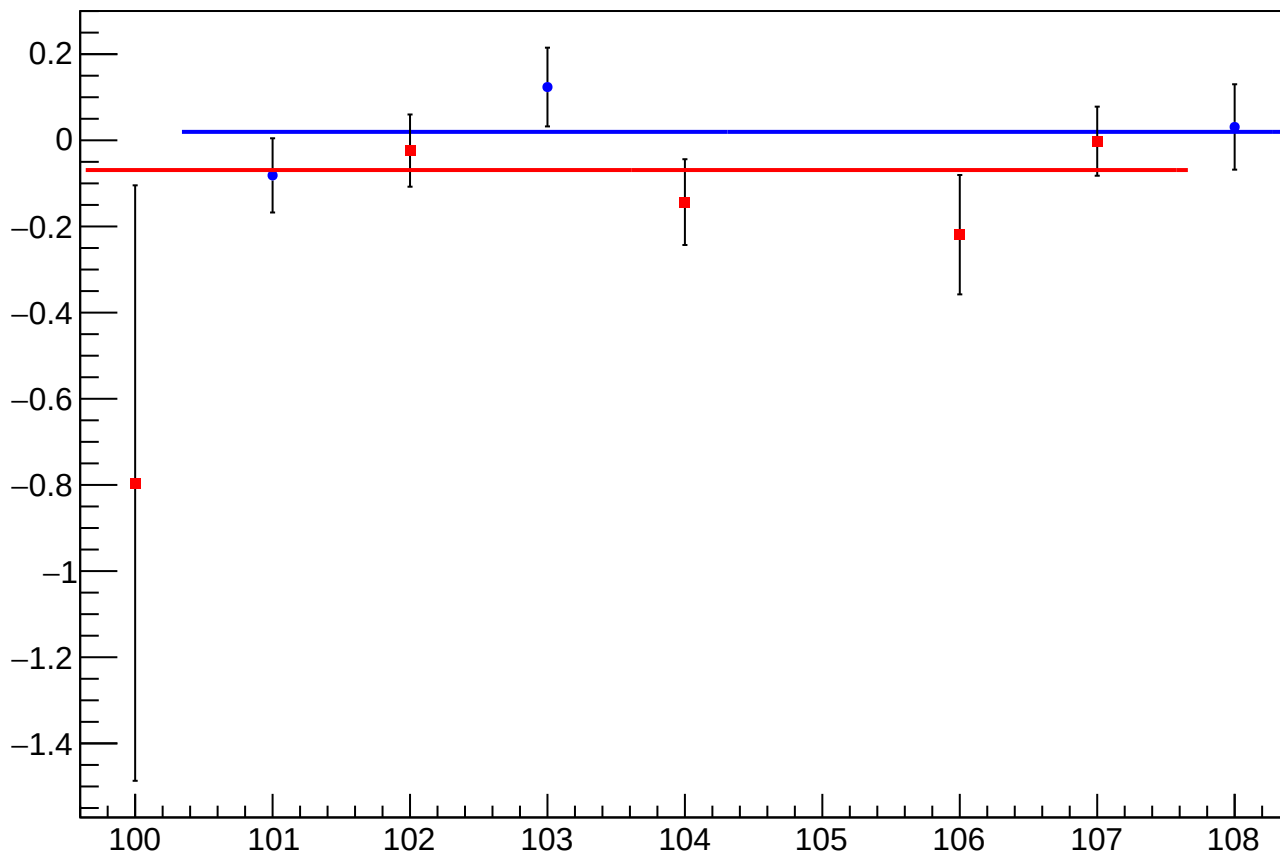
Right: 62.309 $\pm$ 0.025 χ^2 /NDF: 305373.1/7

In: 67.612 $\pm$ 0.037 χ^2 /NDF:10768.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 62.309 $\pm$ 0.025 χ^2 /NDF: 305373.1/7

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020 ± 0.053 $\chi^2/\text{NDF}: 2.7/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.069 ± 0.047 $\chi^2/\text{NDF}: 3.8/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

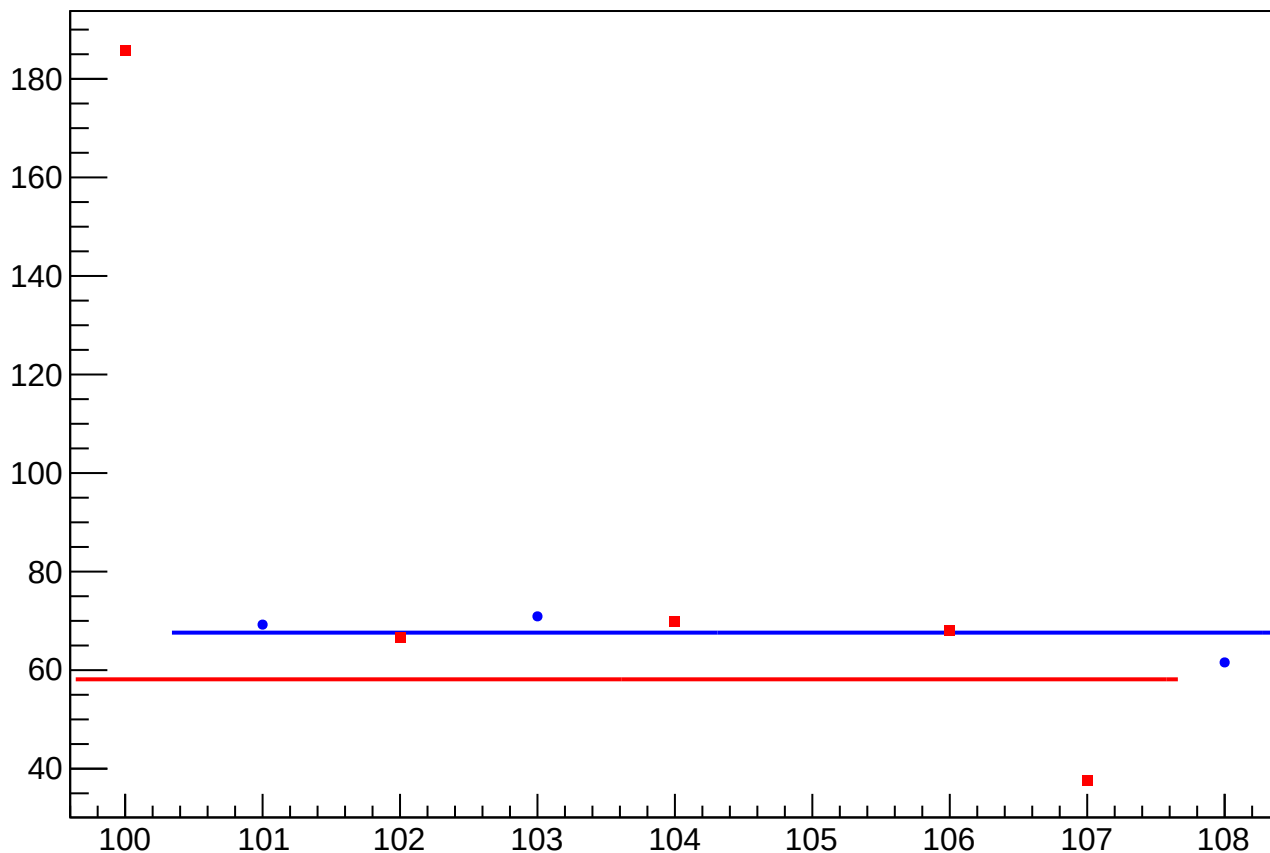
Right: -0.030 ± 0.035 $\chi^2/\text{NDF}: 8.1/7$

In: 0.020 ± 0.053 $\chi^2/\text{NDF}: 2.7/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.030 ± 0.035 $\chi^2/\text{NDF}: 8.1/7$

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 67.612 $\pm$ 0.037 χ^2 /NDF: 10768.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 58.138 $\pm$ 0.033 χ^2 /NDF: 258806.9/4

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

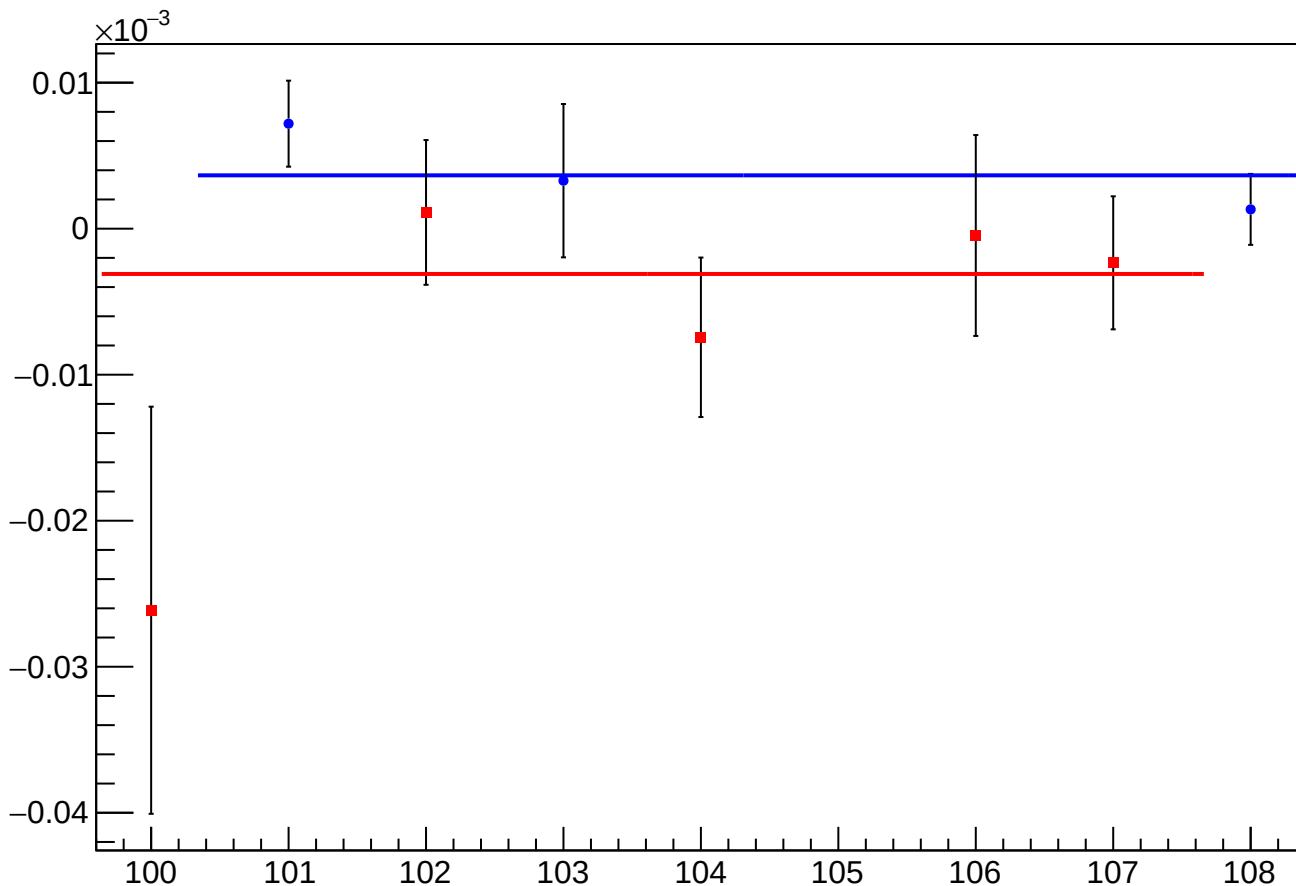
Right: 62.309 $\pm$ 0.025 χ^2 /NDF: 305373.1/7

In: 67.612 $\pm$ 0.037 χ^2 /NDF:10768.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 62.309 $\pm$ 0.025 χ^2 /NDF: 305373.1/7

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

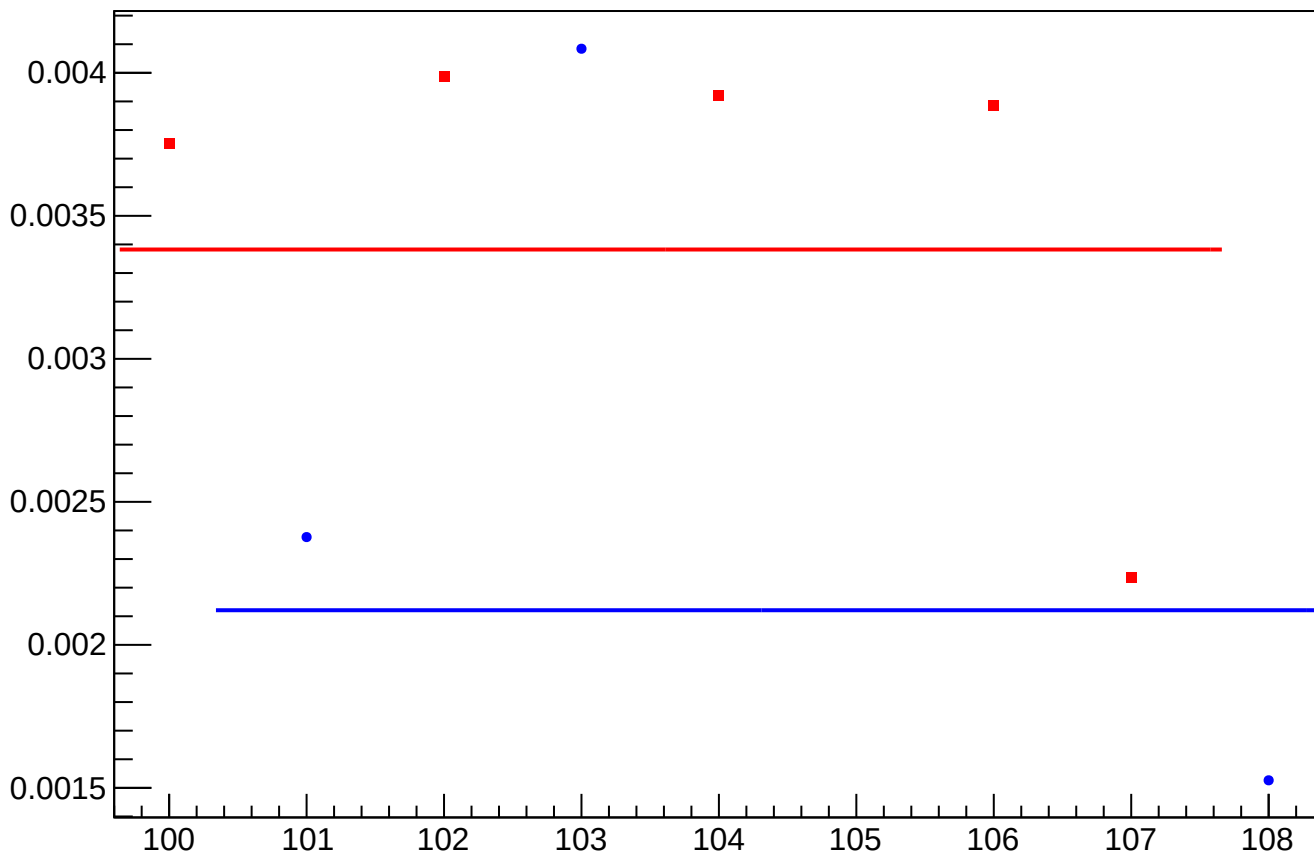
Right: 0.000+/-0.000 χ^2/NDF : 11.3/7

In: 0.000+/-0.000 χ^2/NDF : 2.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.3/7

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 414311.5/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 188254.1/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

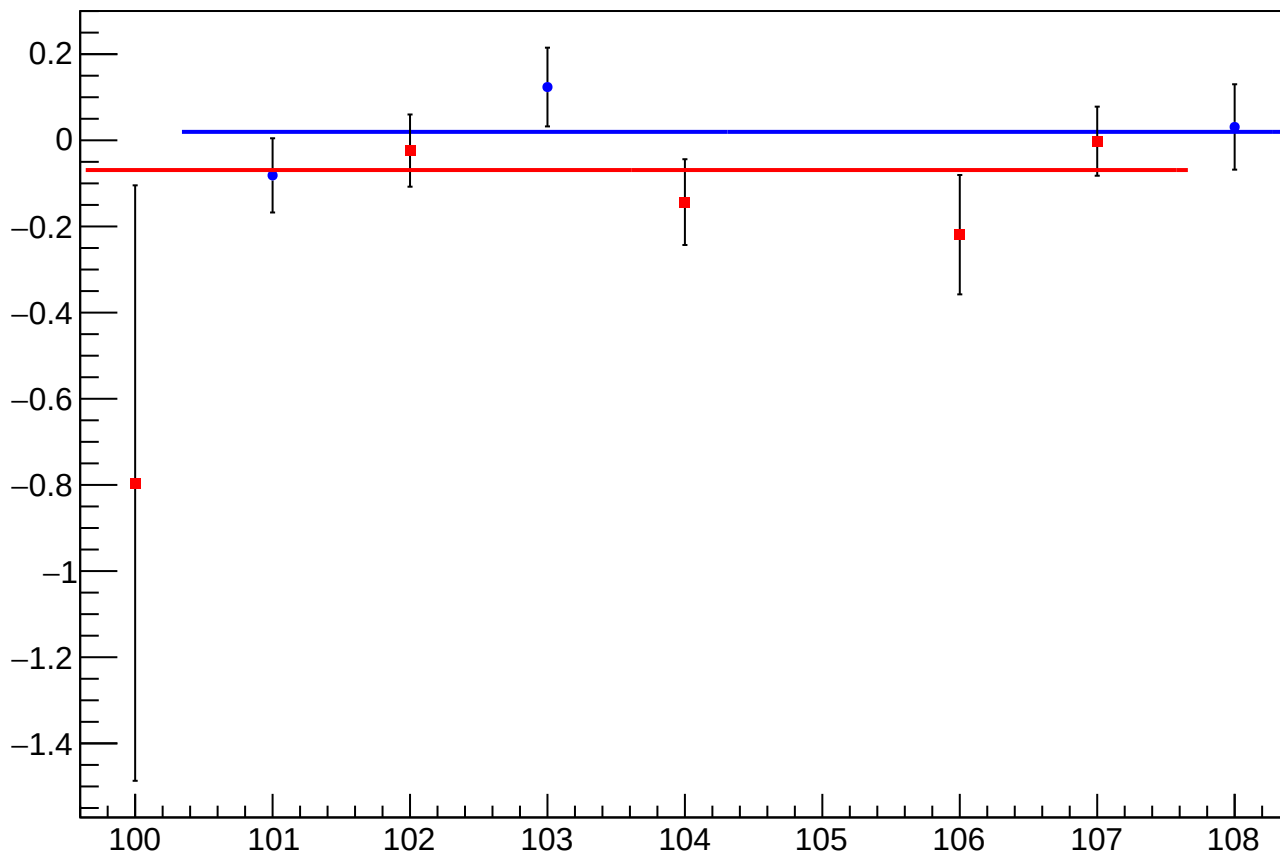
Right: 0.003+/-0.000 χ^2/NDF : 925808.0/7

In: 0.002+/-0.000 χ^2/NDF :414311.5/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 925808.0/7

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.053 χ^2 /NDF: 2.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.069 $\pm$ 0.047 χ^2 /NDF: 3.8/4

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

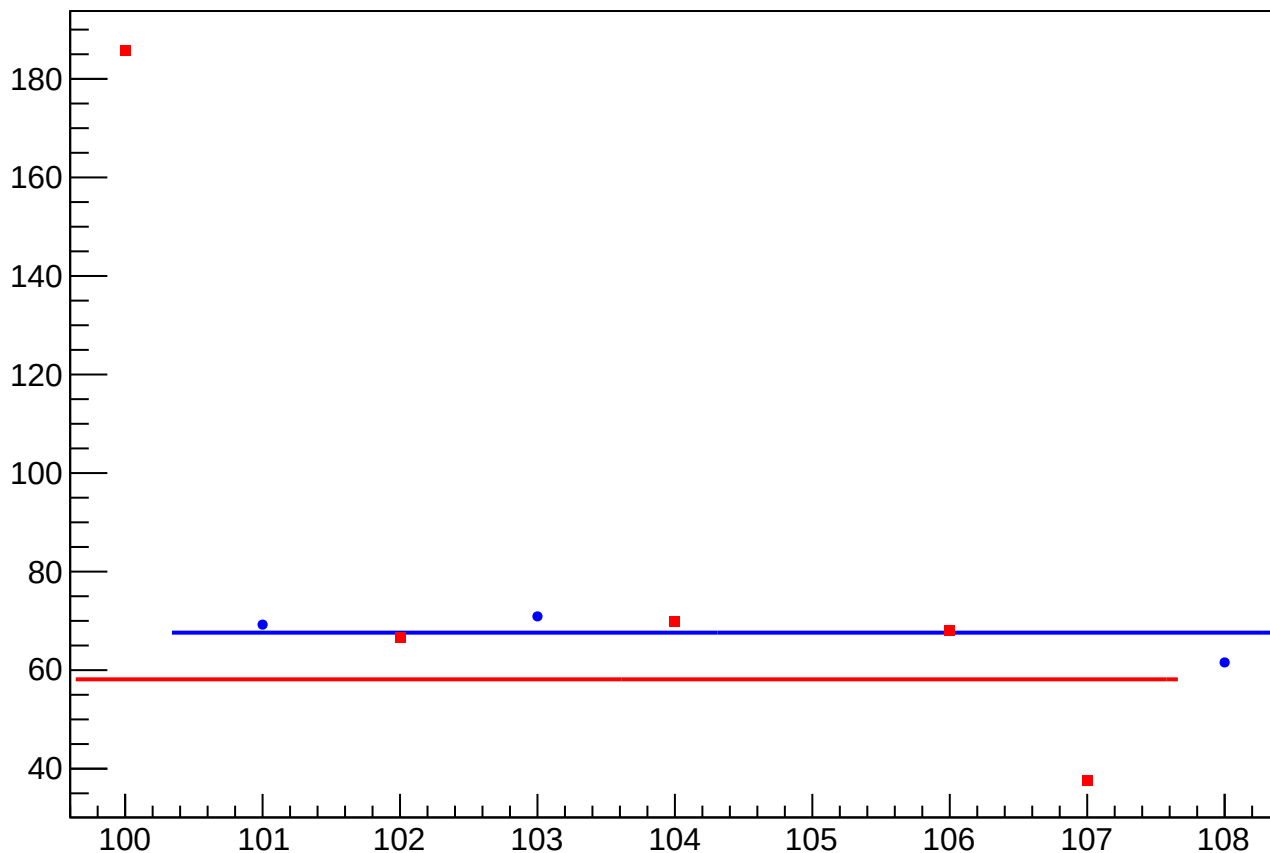
Right: -0.030 $\pm$ 0.035 χ^2 /NDF: 8.1/7

In: 0.020 $\pm$ 0.053 χ^2 /NDF: 2.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.030 $\pm$ 0.035 χ^2 /NDF: 8.1/7

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 67.612 $\pm$ 0.037 χ^2 /NDF: 10768.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 58.138 $\pm$ 0.033 χ^2 /NDF: 258790.7/4

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

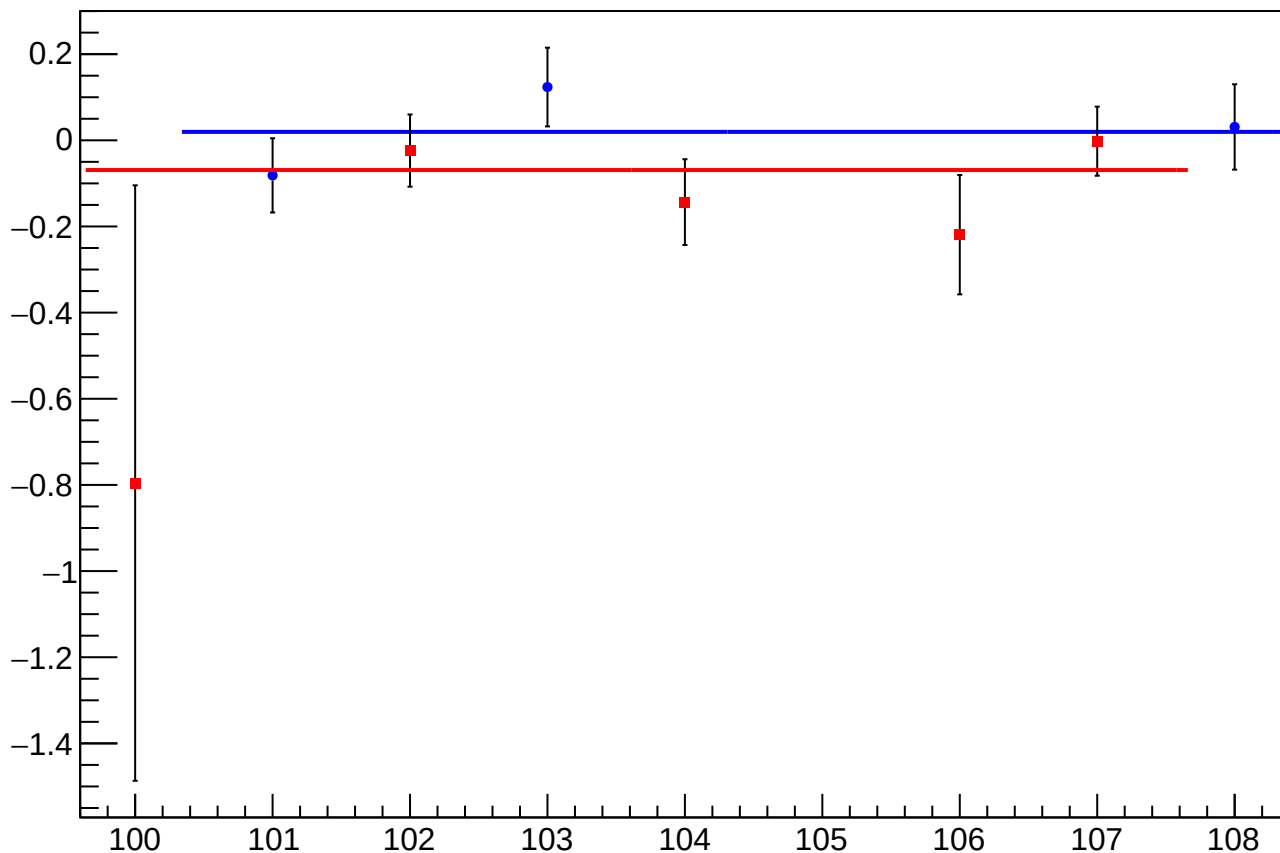
Right: 62.309 $\pm$ 0.025 χ^2 /NDF: 305355.9/7

In: 67.612 $\pm$ 0.037 χ^2 /NDF:10768.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 62.309 $\pm$ 0.025 χ^2 /NDF: 305355.9/7

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.053 χ^2/NDF : 2.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.069+/-0.047 χ^2/NDF : 3.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

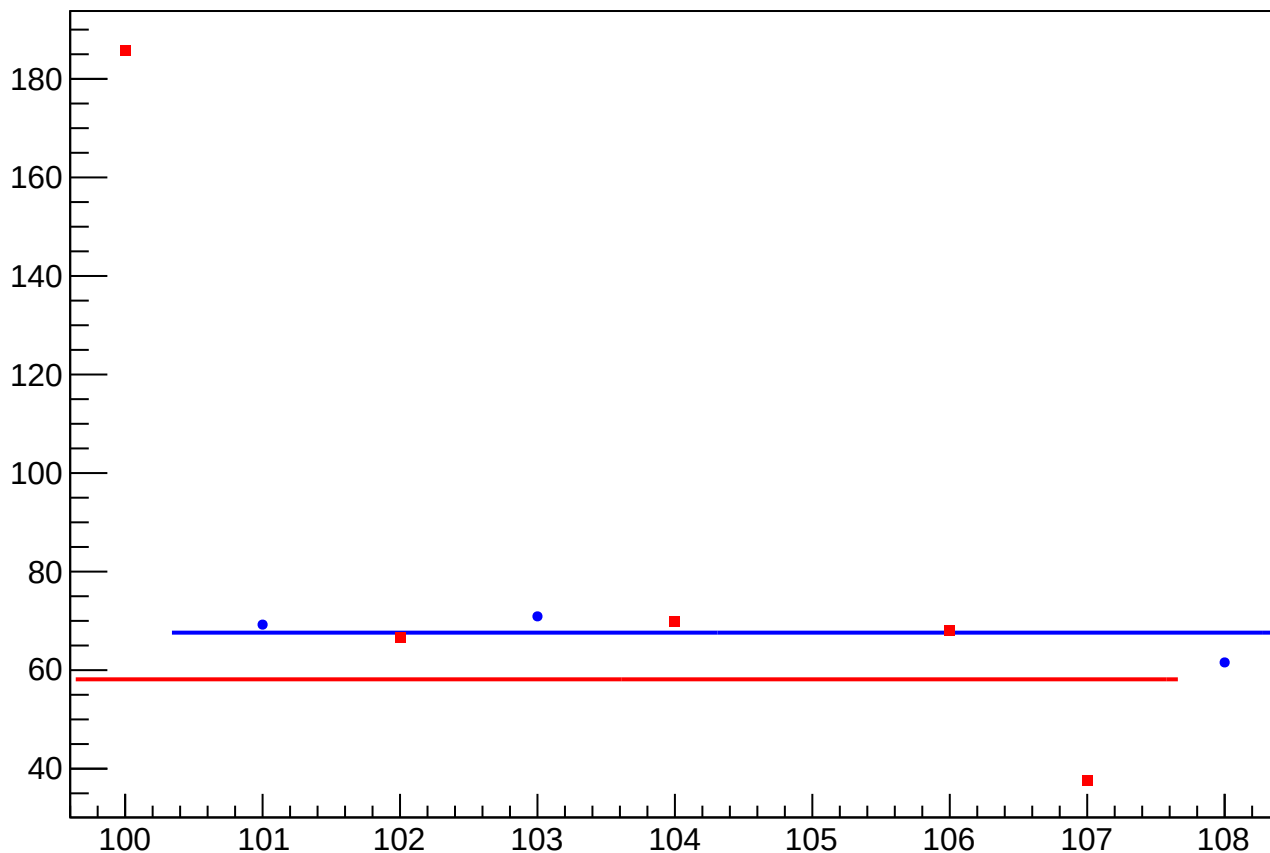
Right: -0.030+/-0.035 χ^2/NDF : 8.1/7

In: 0.020+/-0.053 χ^2/NDF : 2.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.030+/-0.035 χ^2/NDF : 8.1/7

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 67.612 $\pm$ 0.037 χ^2 /NDF: 10768.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 58.138 $\pm$ 0.033 χ^2 /NDF: 258790.7/4

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

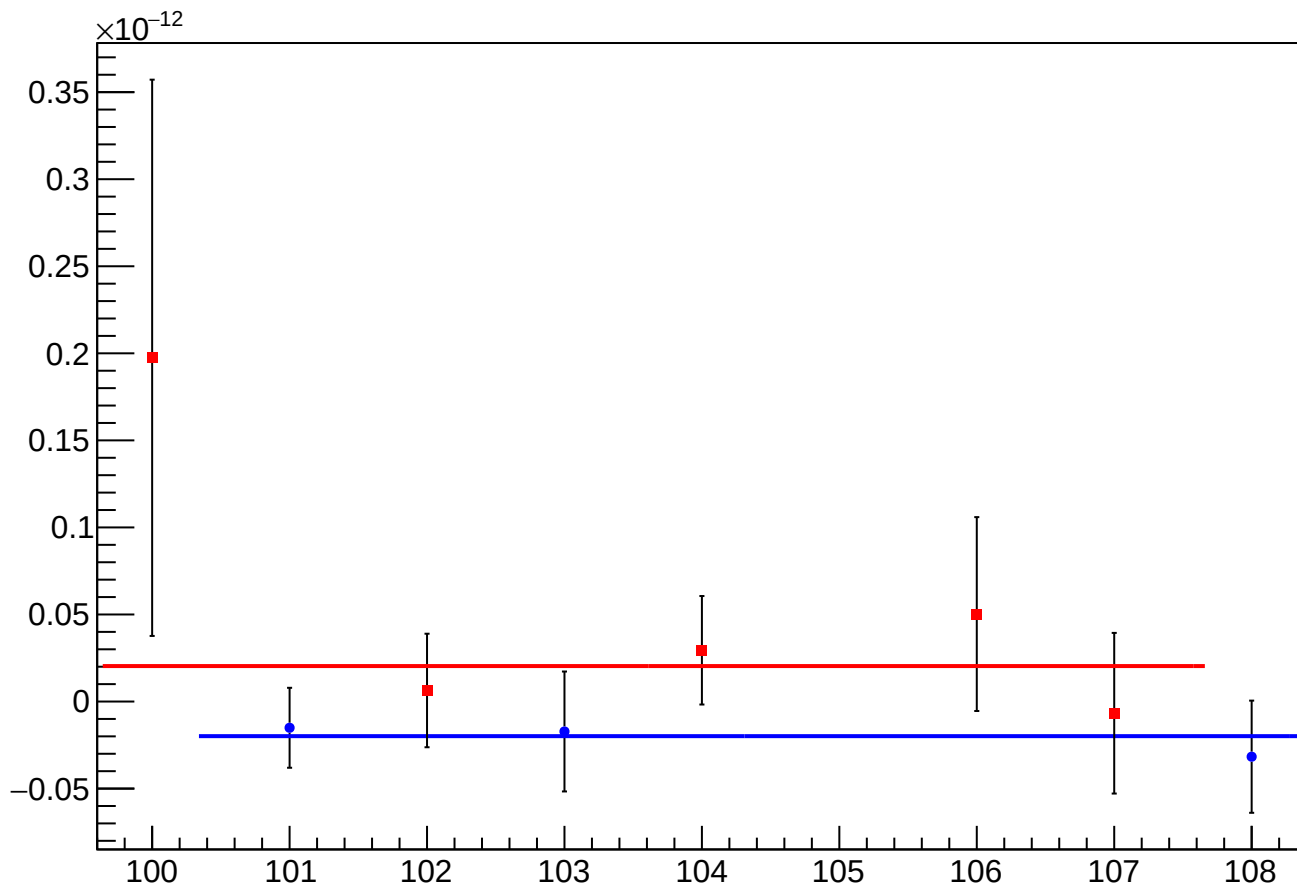
Right: 62.309 $\pm$ 0.025 χ^2 /NDF: 305355.9/7

In: 67.612 $\pm$ 0.037 χ^2 /NDF:10768.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 62.309 $\pm$ 0.025 χ^2 /NDF: 305355.9/7

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

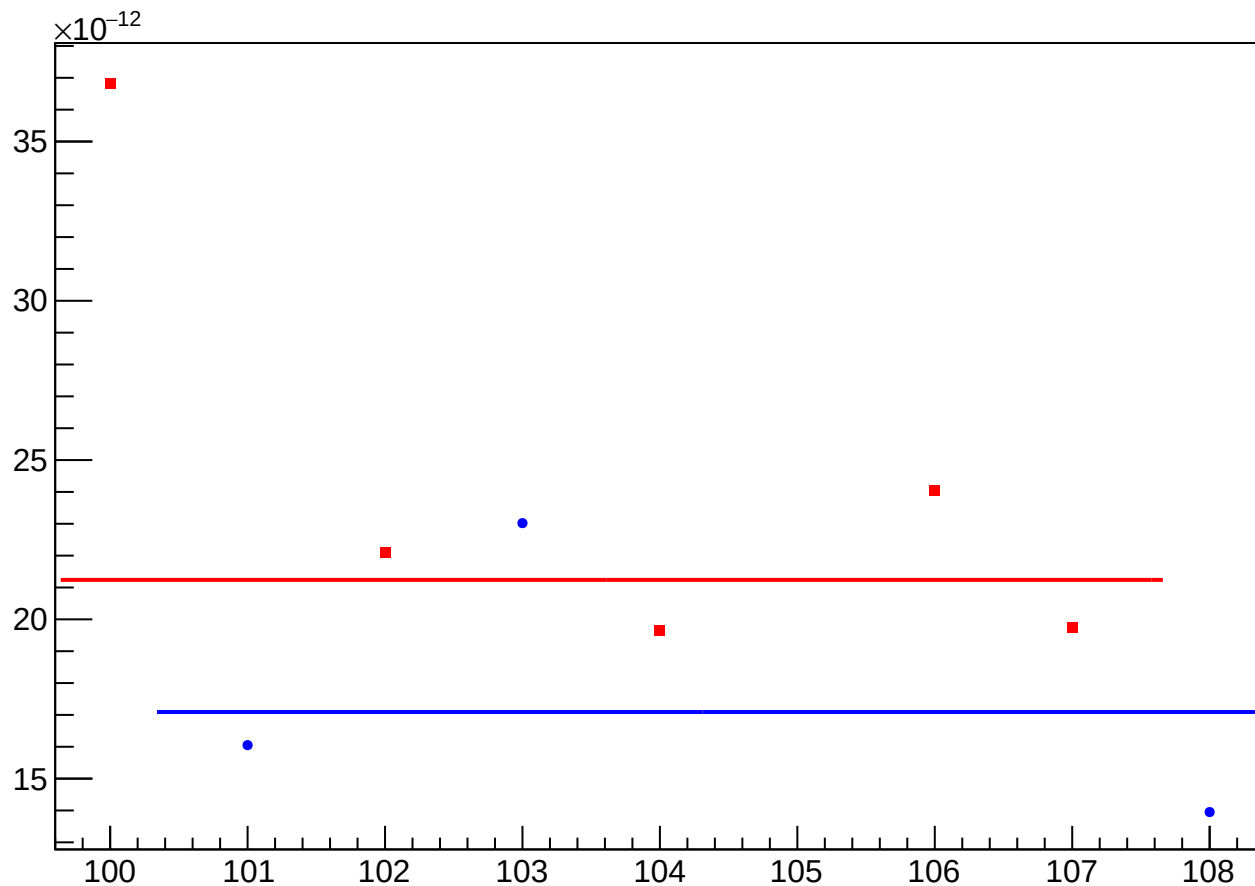
Right: -0.000+/-0.000 χ^2/NDF : 4.9/7

In: -0.000+/-0.000 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.9/7

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 82396.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 32808.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

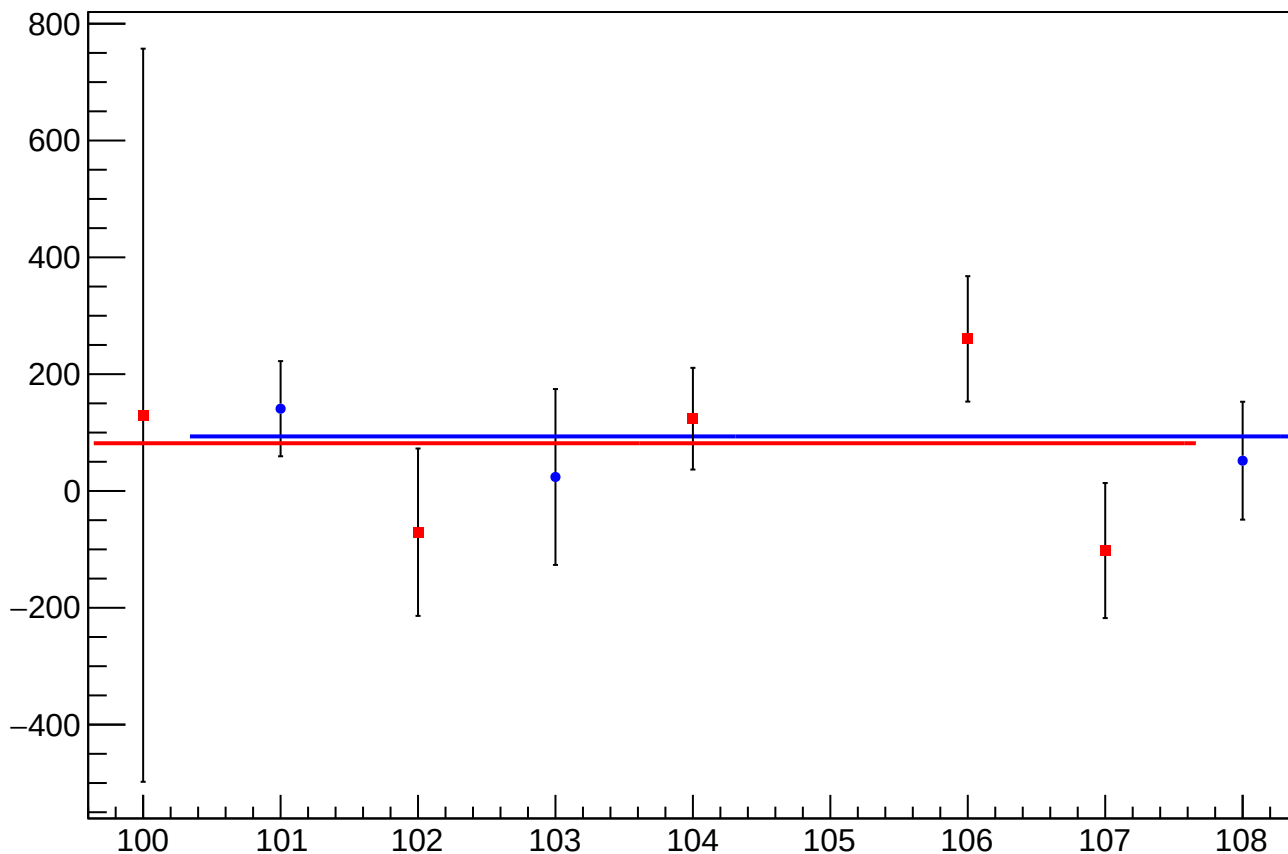
Right: 0.000+/-0.000 χ^2/NDF : 170100.7/7

In: 0.000+/-0.000 χ^2/NDF : 82396.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 170100.7/7

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 93.424+/-58.427 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.724+/-53.862 χ^2/NDF : 6.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

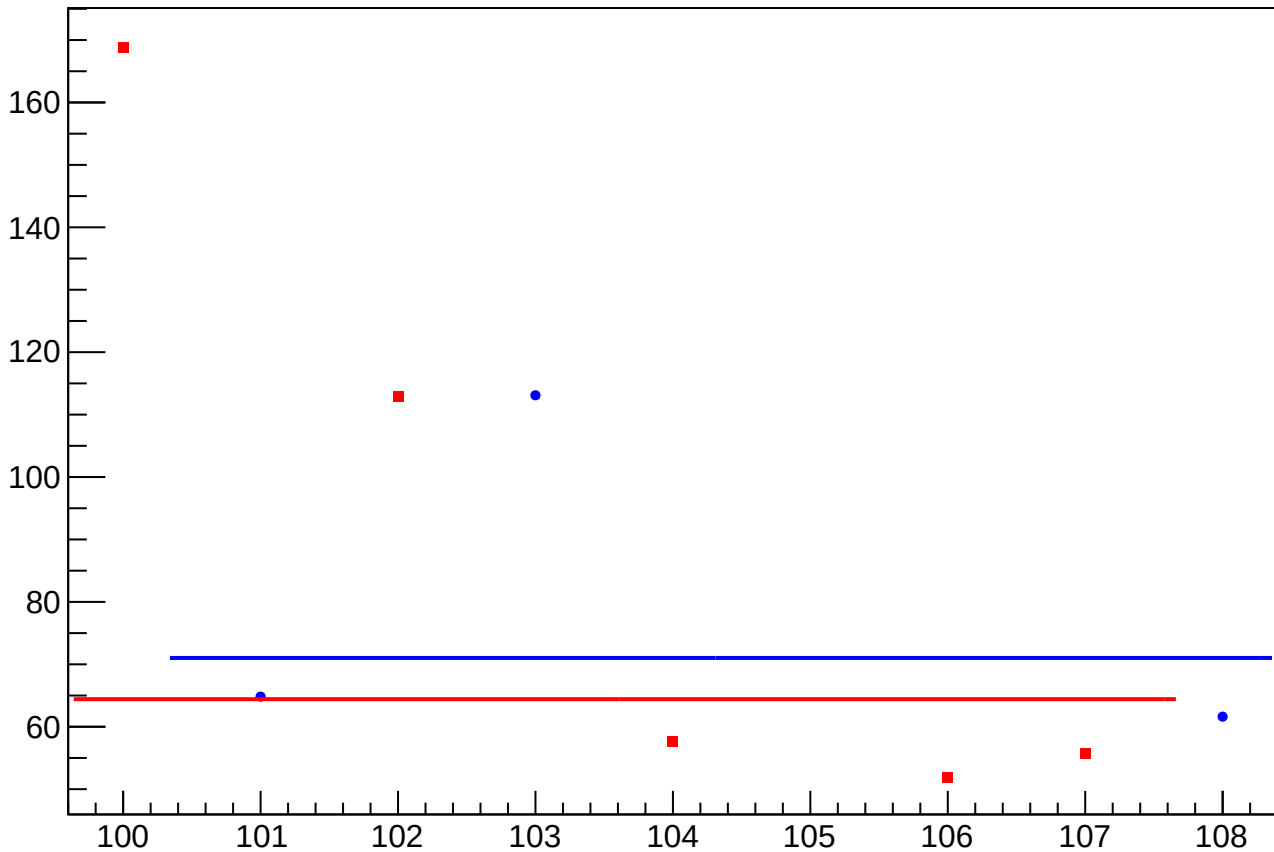
Right: 87.099+/-39.602 χ^2/NDF : 7.4/7

In: 93.424+/-58.427 χ^2/NDF : 0.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.099+/-39.602 χ^2/NDF : 7.4/7

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 71.021+/-0.041 χ^2/NDF : 185142.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.417+/-0.038 χ^2/NDF : 335457.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

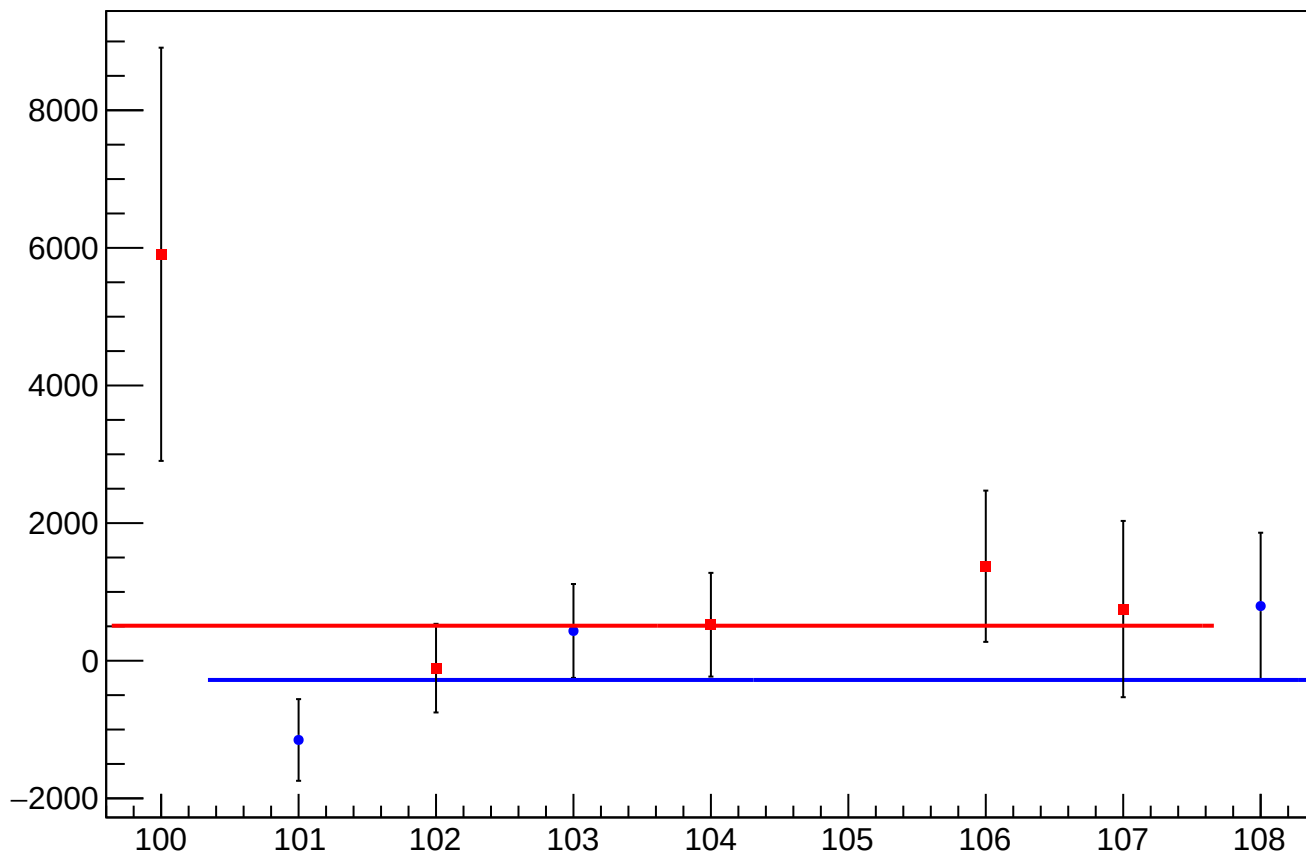
Right: 67.451+/-0.028 χ^2/NDF : 534413.1/7

In: 71.021+/-0.041 χ^2/NDF : 185142.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.451+/-0.028 χ^2/NDF : 534413.1/7

asym_sam_1357_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -279.287+/-412.795 χ^2/NDF : 4.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 508.971+/-418.127 χ^2/NDF : 4.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

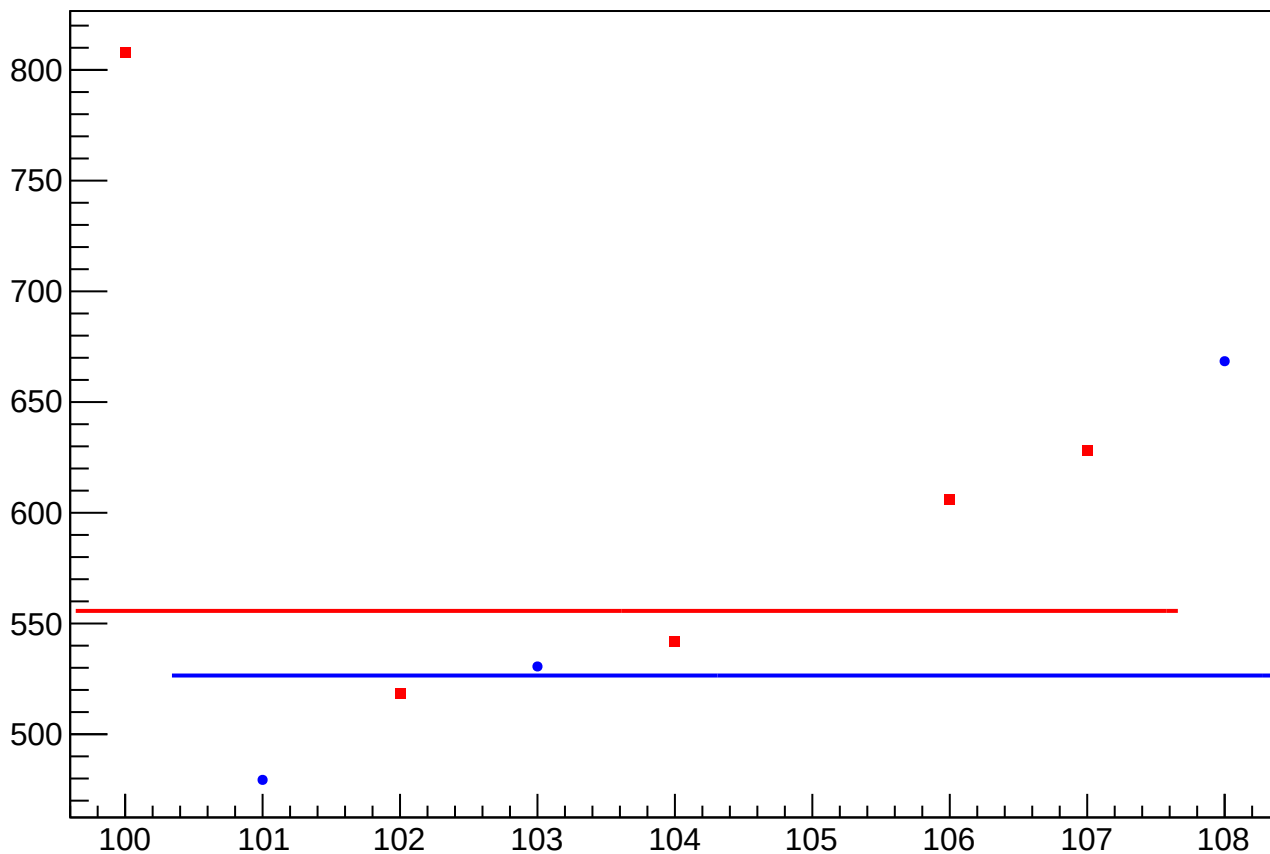
Right: 109.784+/-293.757 χ^2/NDF : 10.9/7

In: -279.287+/-412.795 χ^2/NDF : 4.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.784+/-293.757 χ^2/NDF : 10.9/7

asym_sam_1357_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 526.512+/-0.292 χ^2/NDF : 48166.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 555.695+/-0.296 χ^2/NDF : 32045.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

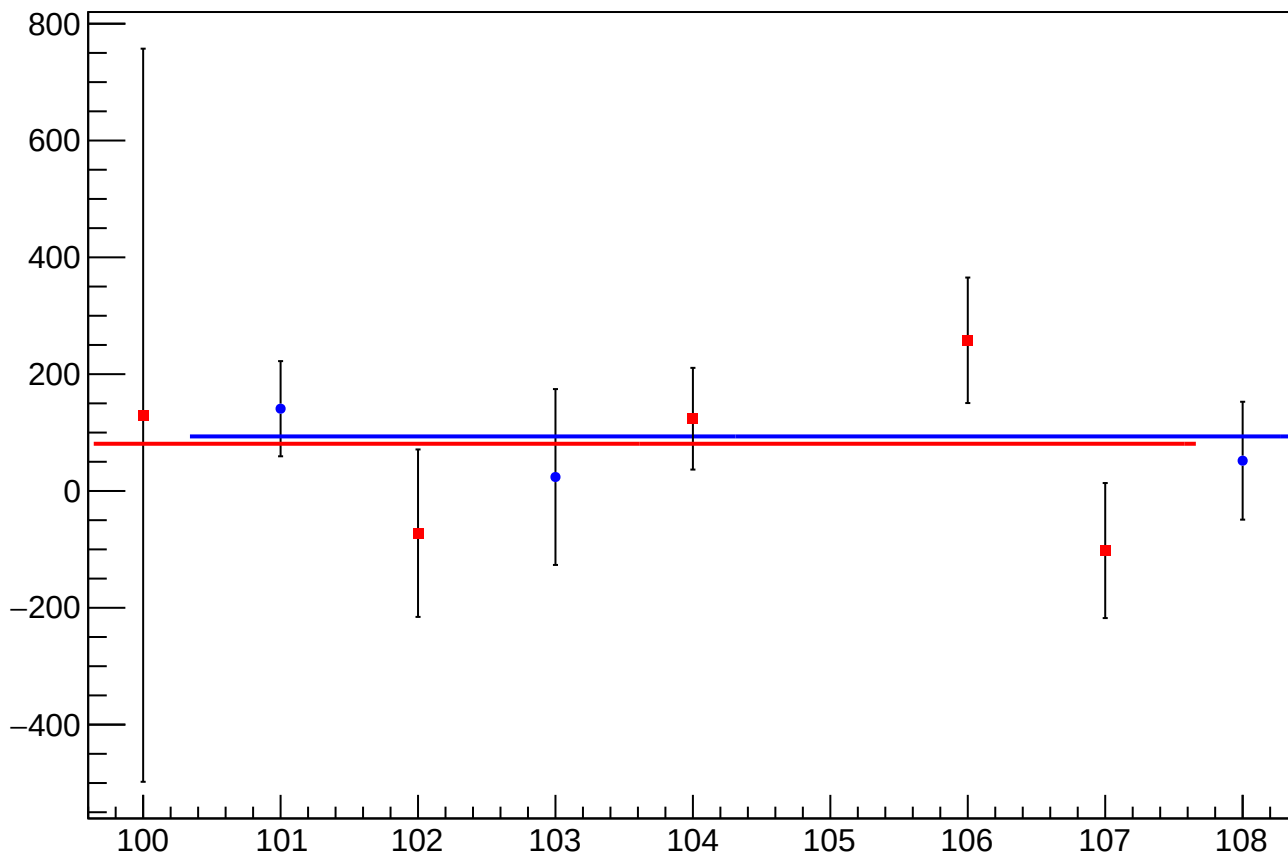
Right: 540.916+/-0.208 χ^2/NDF : 85145.5/7

In: 526.512+/-0.292 χ^2/NDF : 48166.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 540.916+/-0.208 χ^2/NDF : 85145.5/7

cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 93.411+/-58.427 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.838+/-53.872 χ^2/NDF : 6.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

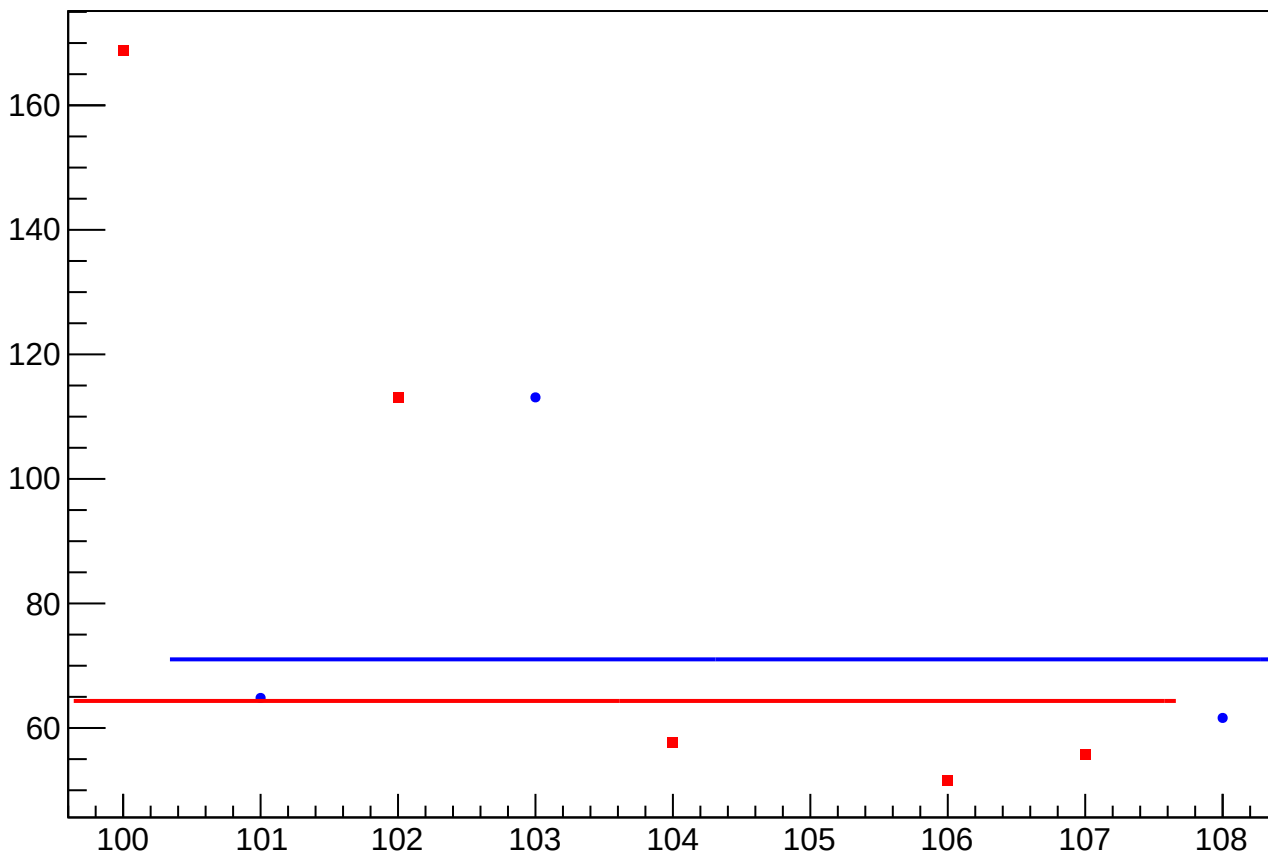
Right: 86.615+/-39.606 χ^2/NDF : 7.4/7

In: 93.411+/-58.427 χ^2/NDF : 0.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.615+/-39.606 χ^2/NDF : 7.4/7

cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 71.021+/-0.041 χ^2/NDF : 185144.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.344+/-0.038 χ^2/NDF : 337007.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

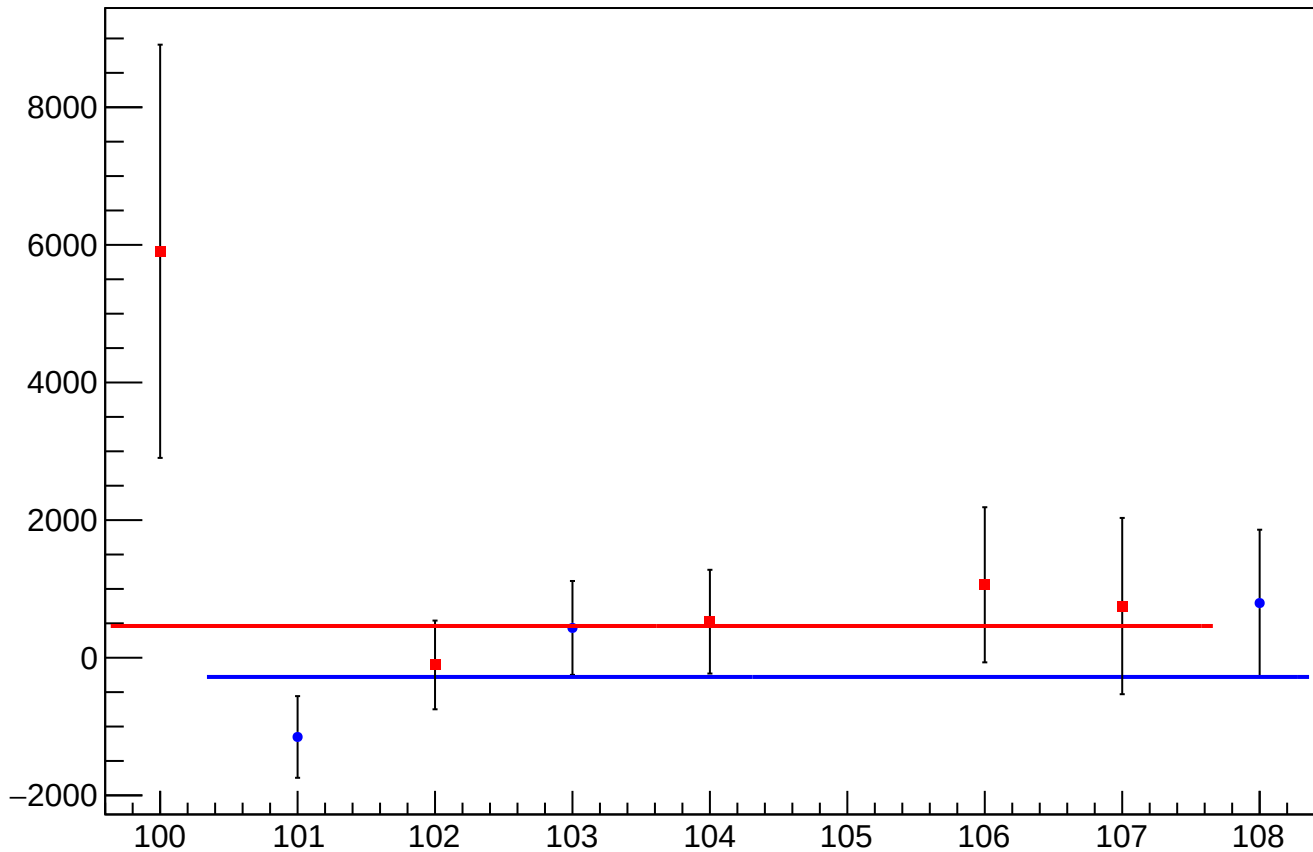
Right: 67.412+/-0.028 χ^2/NDF : 536268.0/7

In: 71.021+/-0.041 χ^2/NDF : 185144.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.412+/-0.028 χ^2/NDF : 536268.0/7

asym_sam_1357_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -279.219+/-412.812 χ^2/NDF : 4.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 461.328+/-419.798 χ^2/NDF : 4.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

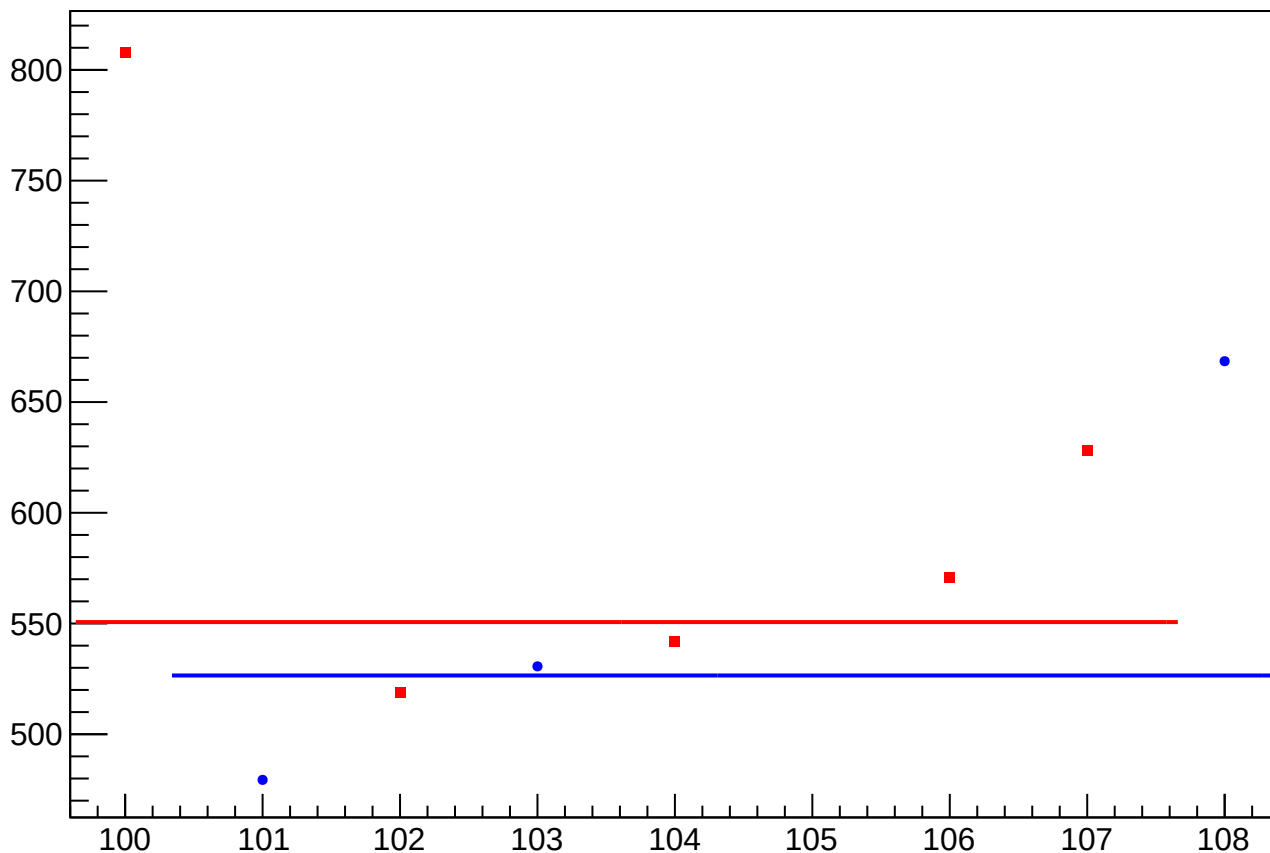
Right: 84.841+/-294.341 χ^2/NDF : 10.2/7

In: -279.219+/-412.812 χ^2/NDF : 4.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.841+/-294.341 χ^2/NDF : 10.2/7

asym_sam_1357_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 526.533+/-0.292 χ^2/NDF : 48167.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 550.648+/-0.297 χ^2/NDF : 27717.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

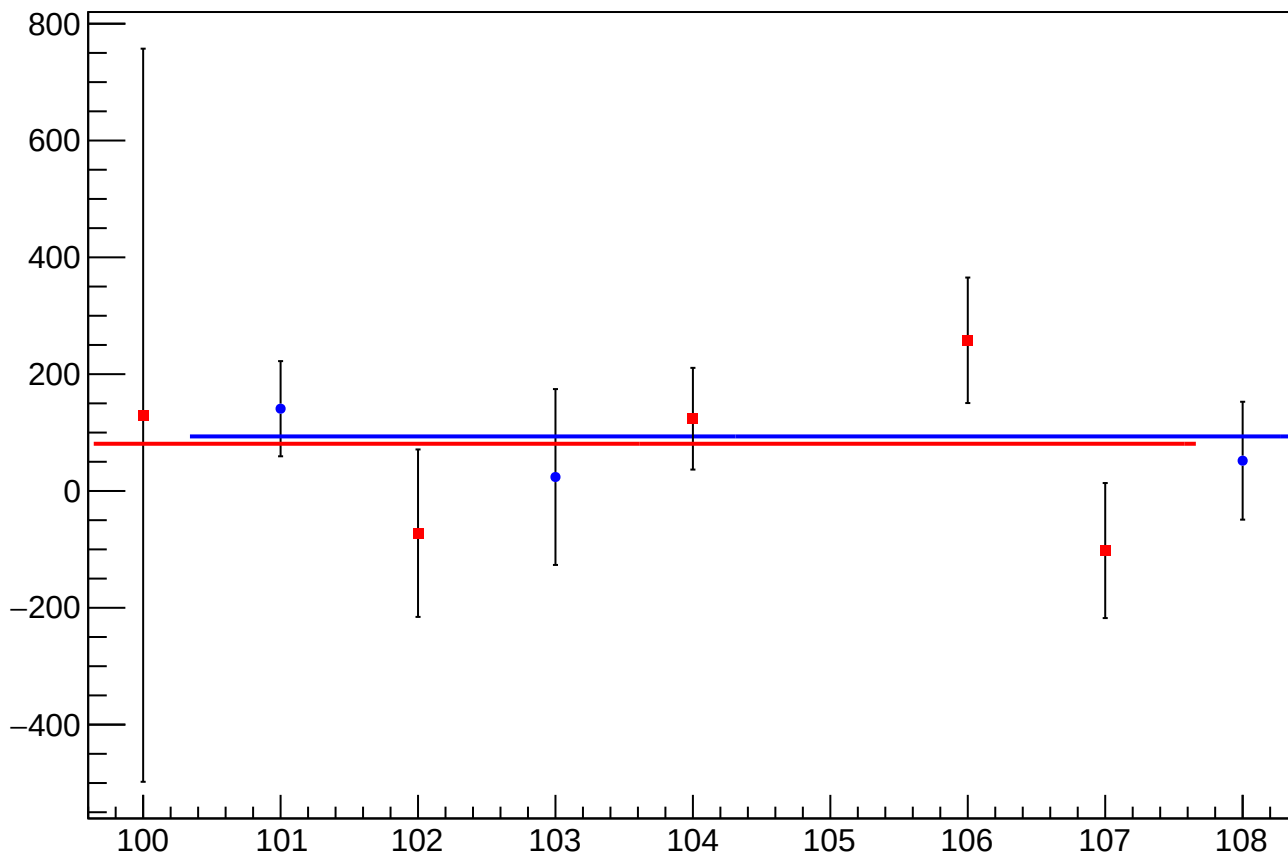
Right: 538.388+/-0.208 χ^2/NDF : 79239.4/7

In: 526.533+/-0.292 χ^2/NDF : 48167.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 538.388+/-0.208 χ^2/NDF : 79239.4/7

eigen_cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 93.411+/-58.427 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.838+/-53.872 χ^2/NDF : 6.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

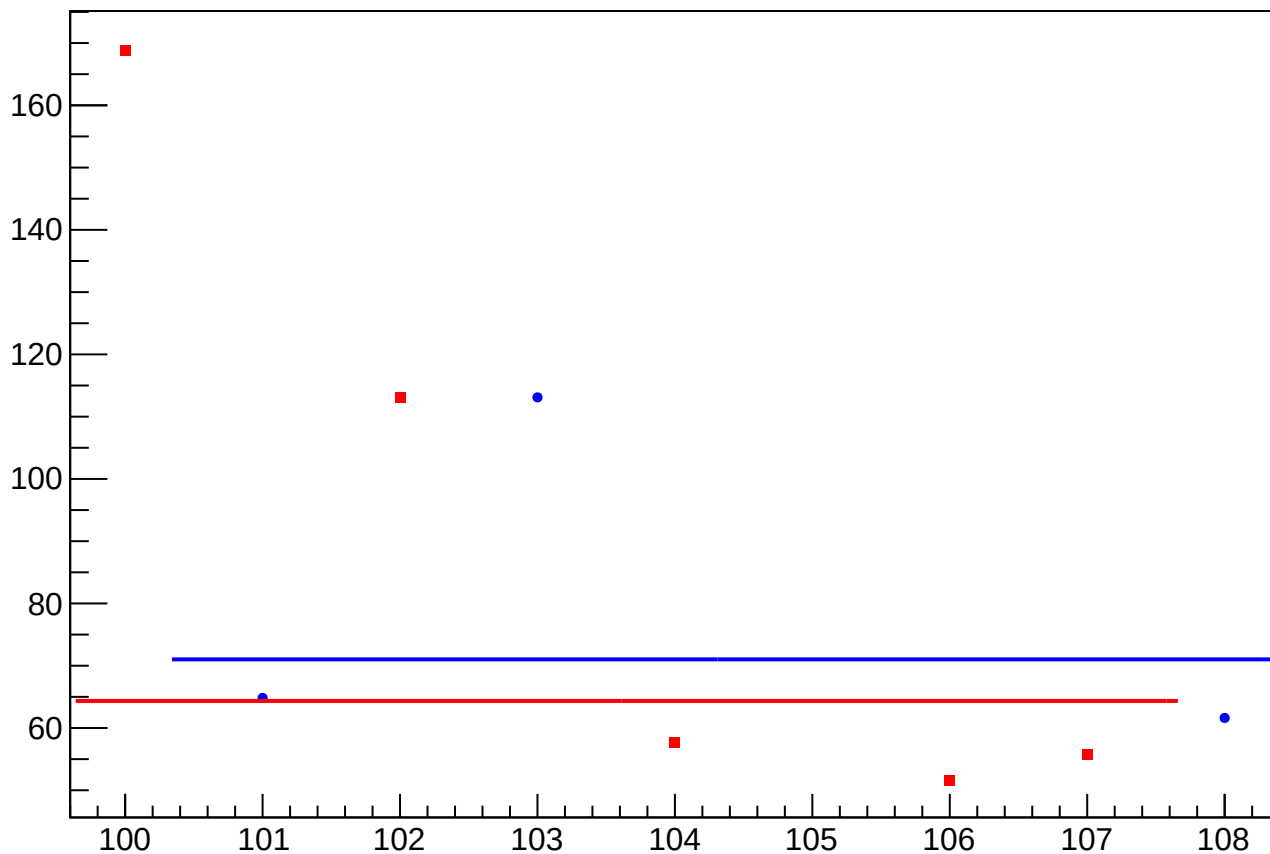
Right: 86.615+/-39.606 χ^2/NDF : 7.4/7

In: 93.411+/-58.427 χ^2/NDF : 0.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.615+/-39.606 χ^2/NDF : 7.4/7

eigen_cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 71.021+/-0.041 χ^2/NDF : 185144.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.344+/-0.038 χ^2/NDF : 337007.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

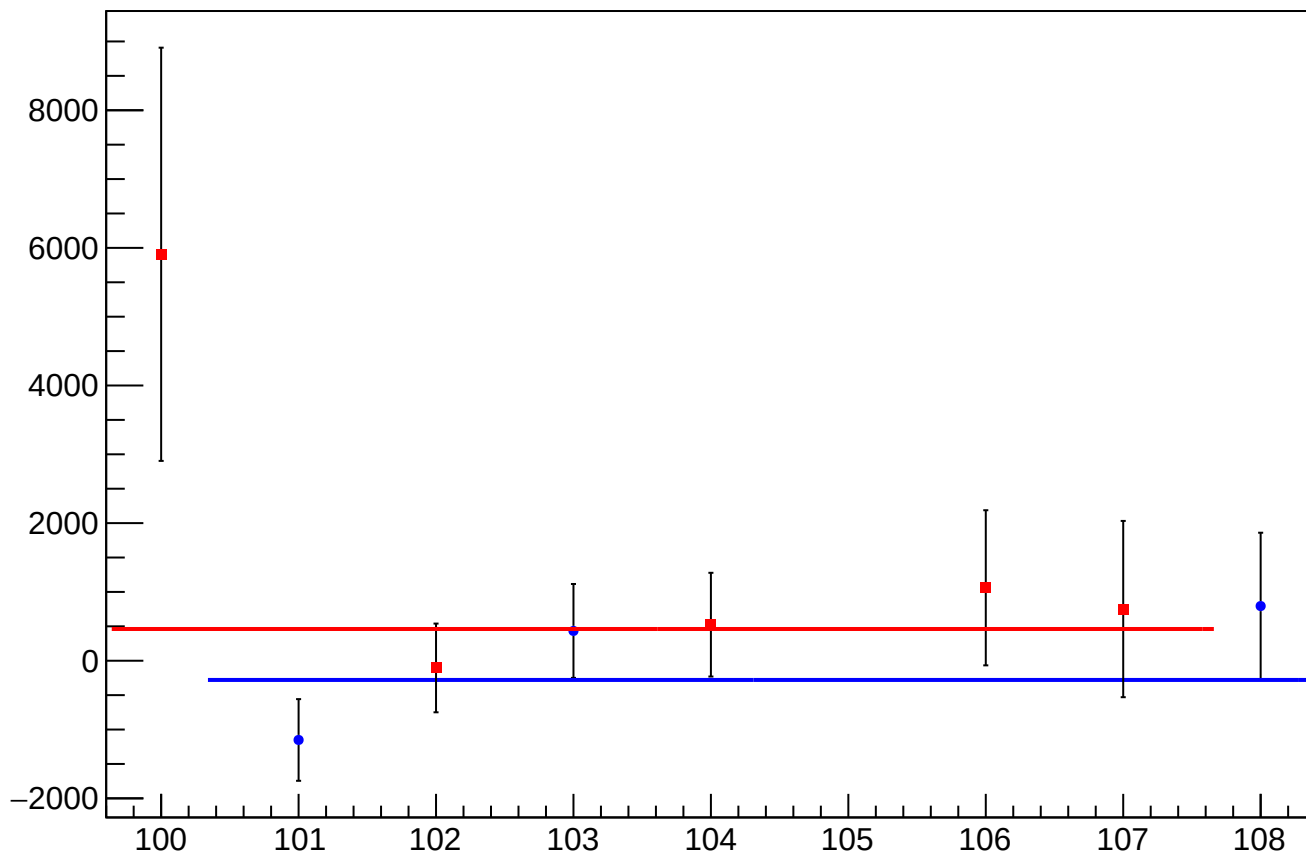
Right: 67.412+/-0.028 χ^2/NDF : 536268.0/7

In: 71.021+/-0.041 χ^2/NDF : 185144.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.412+/-0.028 χ^2/NDF : 536268.0/7

asym_sam_1357_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -279.219+/-412.812 χ^2/NDF : 4.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 461.328+/-419.798 χ^2/NDF : 4.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

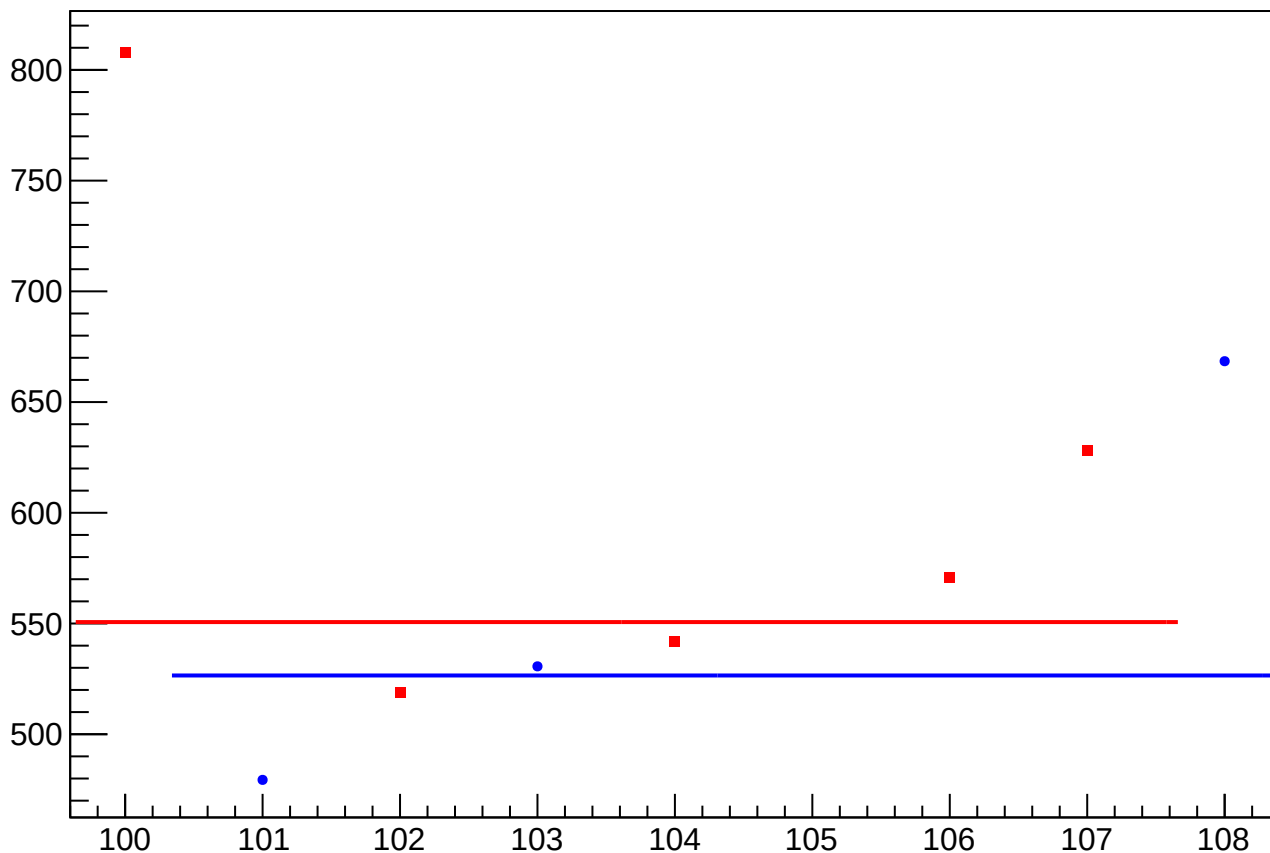
Right: 84.841+/-294.341 χ^2/NDF : 10.2/7

In: -279.219+/-412.812 χ^2/NDF : 4.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.841+/-294.341 χ^2/NDF : 10.2/7

asym_sam_1357_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 526.533+/-0.292 χ^2/NDF : 48167.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 550.648+/-0.297 χ^2/NDF : 27717.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

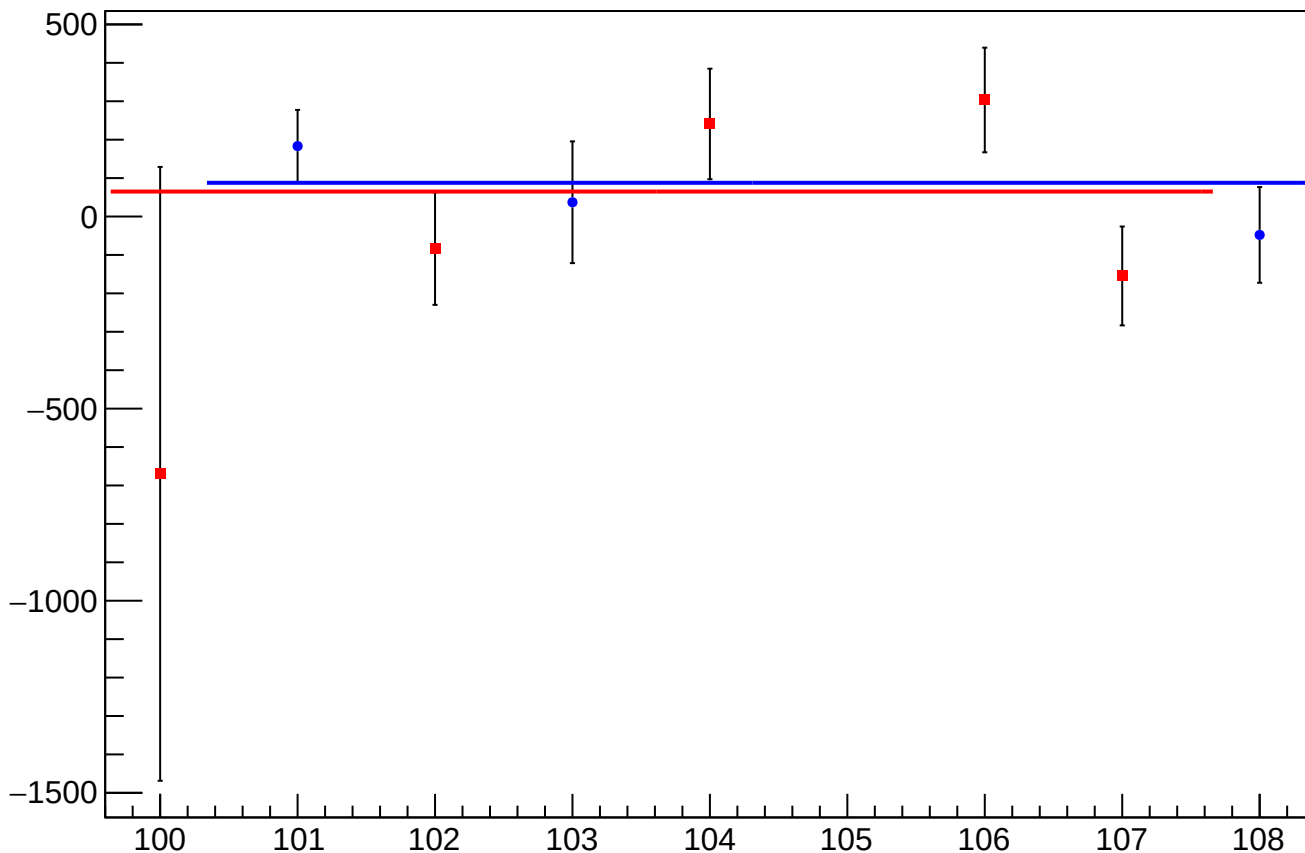
Right: 538.388+/-0.208 χ^2/NDF : 79239.4/7

In: 526.533+/-0.292 χ^2/NDF : 48167.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 538.388+/-0.208 χ^2/NDF : 79239.4/7

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 87.781+/-67.883 χ^2/NDF : 2.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.974+/-68.856 χ^2/NDF : 9.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

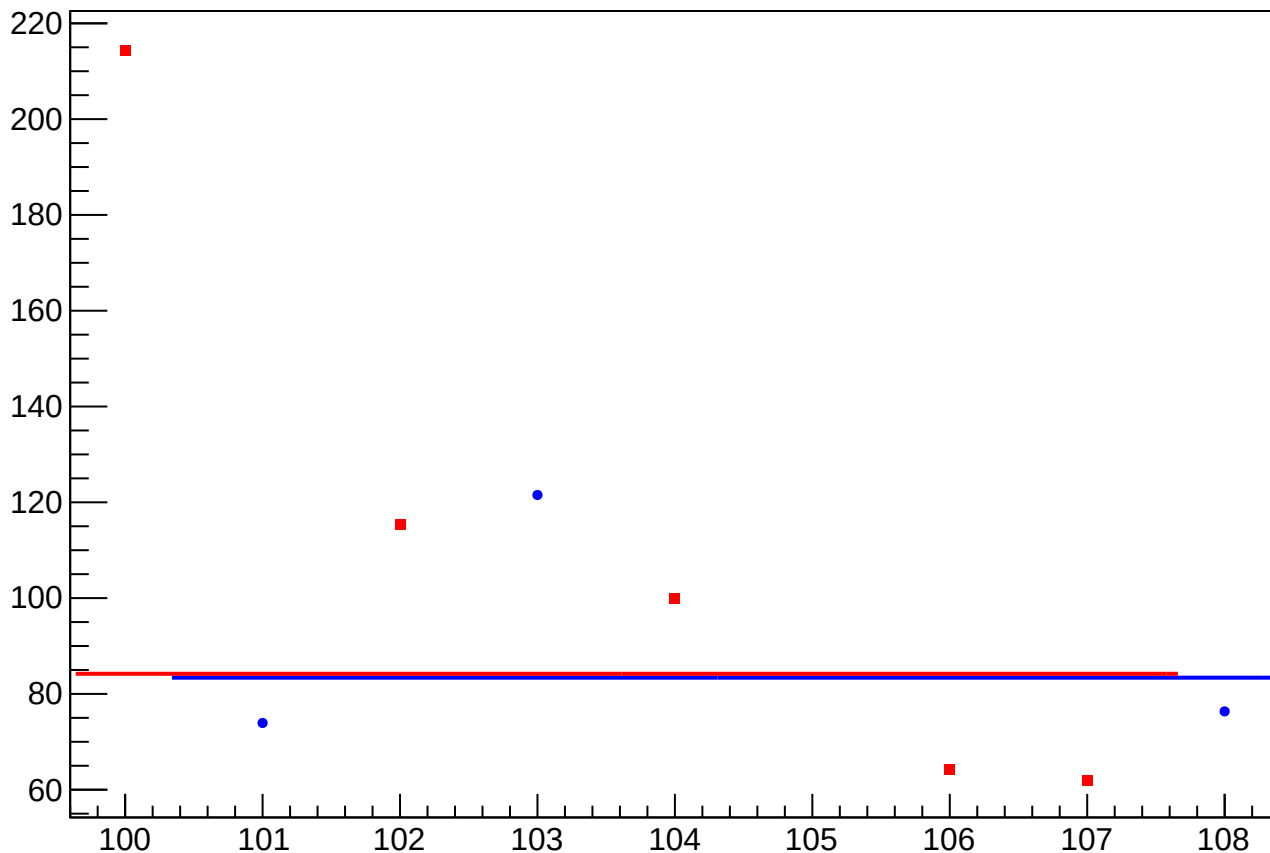
Right: 76.540+/-48.341 χ^2/NDF : 11.7/7

In: 87.781+/-67.883 χ^2/NDF : 2.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.540+/-48.341 χ^2/NDF : 11.7/7

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 83.388+/-0.048 χ^2/NDF : 142448.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.204+/-0.049 χ^2/NDF : 271013.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

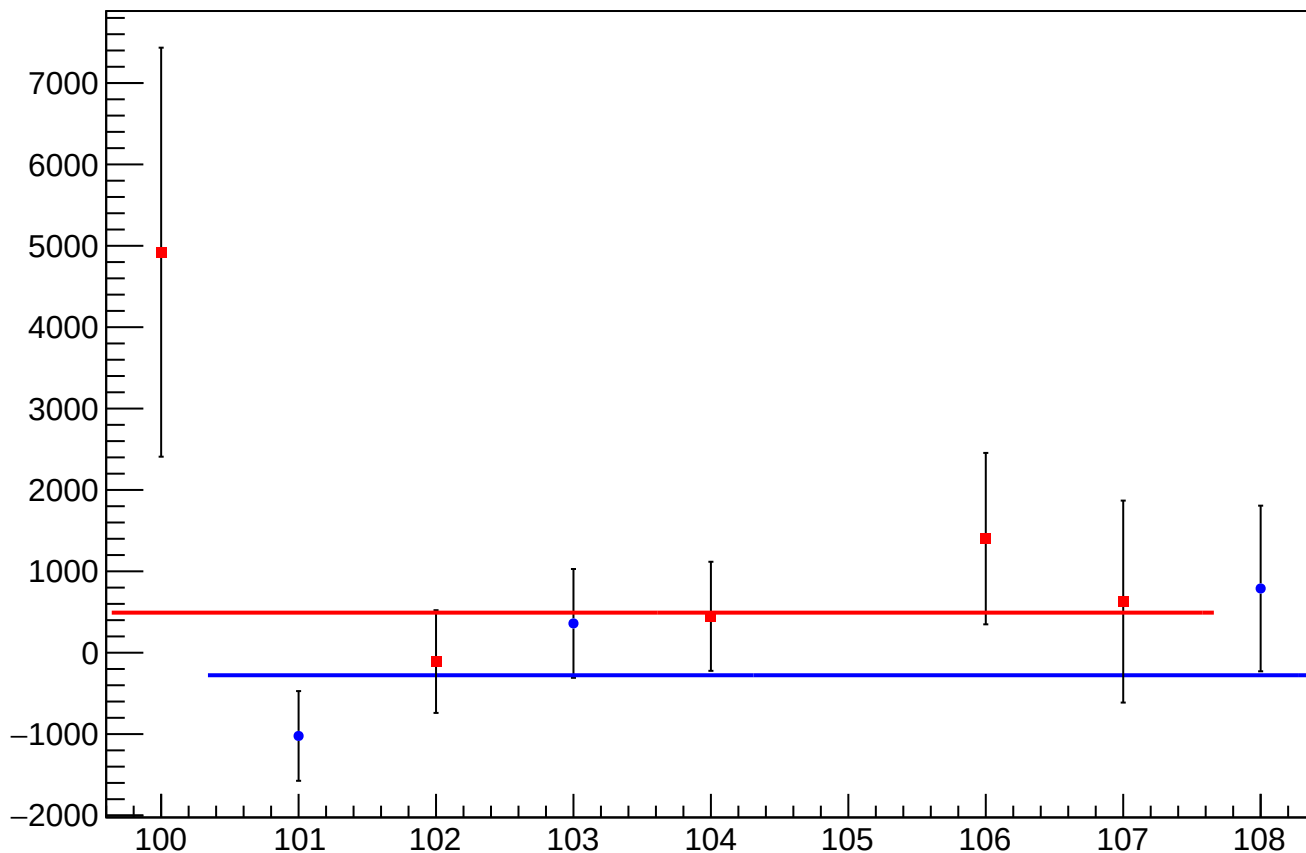
Right: 83.791+/-0.034 χ^2/NDF : 413604.7/7

In: 83.388+/-0.048 χ^2/NDF : 142448.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.791+/-0.034 χ^2/NDF : 413604.7/7

asym_sam_1357_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -276.973+/-392.397 χ^2/NDF : 3.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 492.340+/-393.834 χ^2/NDF : 4.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

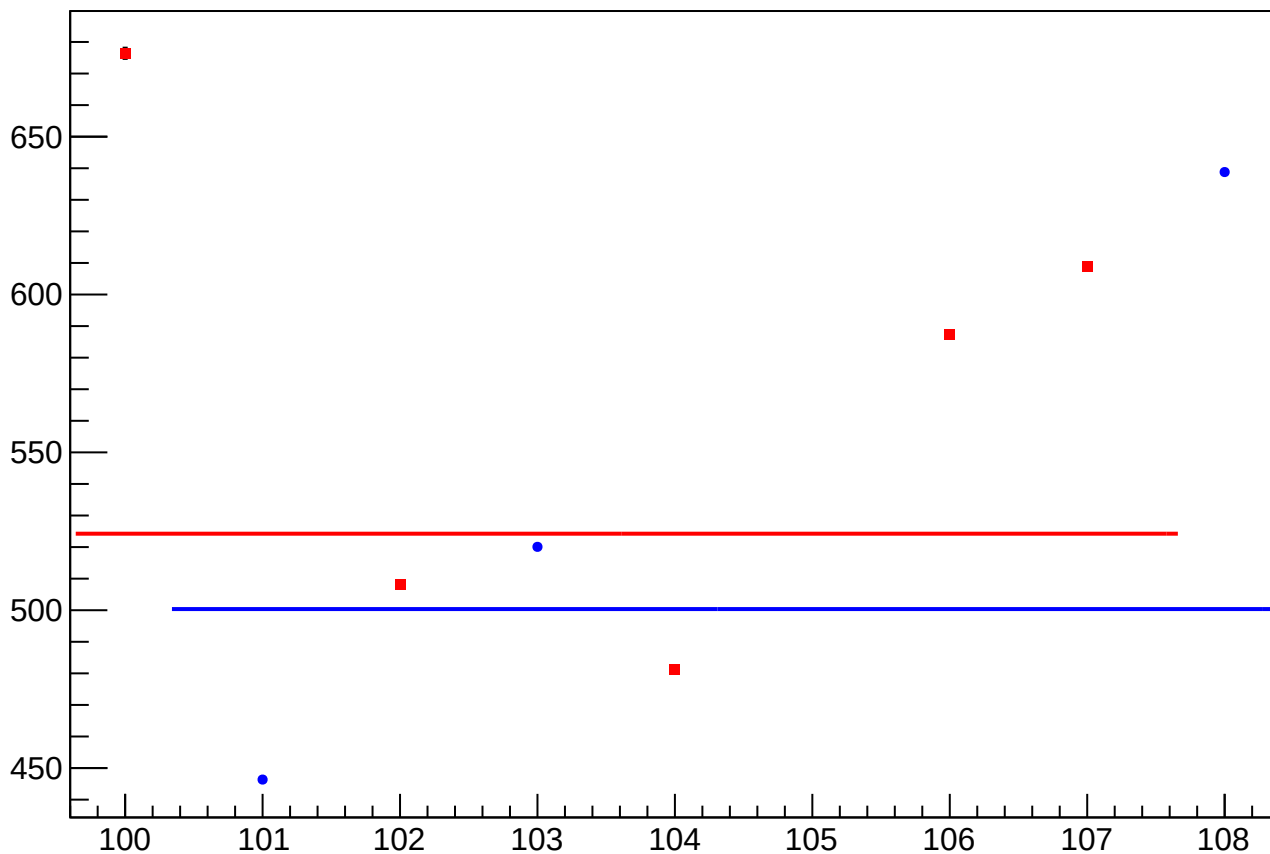
Right: 106.278+/-277.973 χ^2/NDF : 10.5/7

In: -276.973+/-392.397 χ^2/NDF : 3.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.278+/-277.973 χ^2/NDF : 10.5/7

asym_sam_1357_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 500.366+/-0.277 χ^2/NDF : 57948.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 524.241+/-0.278 χ^2/NDF : 33290.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

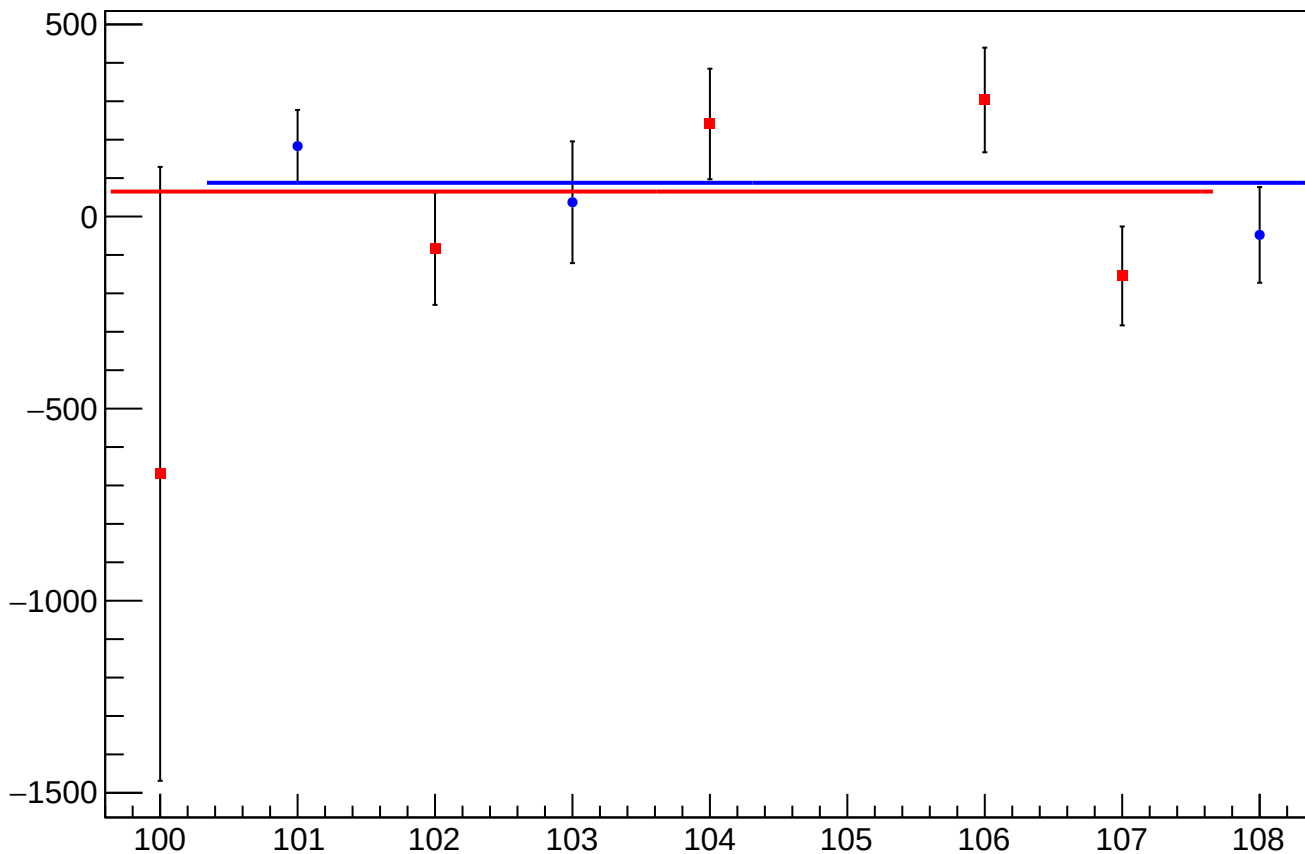
Right: 512.260+/-0.197 χ^2/NDF : 94927.0/7

In: 500.366+/-0.277 χ^2/NDF : 57948.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 512.260+/-0.197 χ^2/NDF : 94927.0/7

eigen_dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 87.783+/-67.884 χ^2/NDF : 2.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.972+/-68.856 χ^2/NDF : 9.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

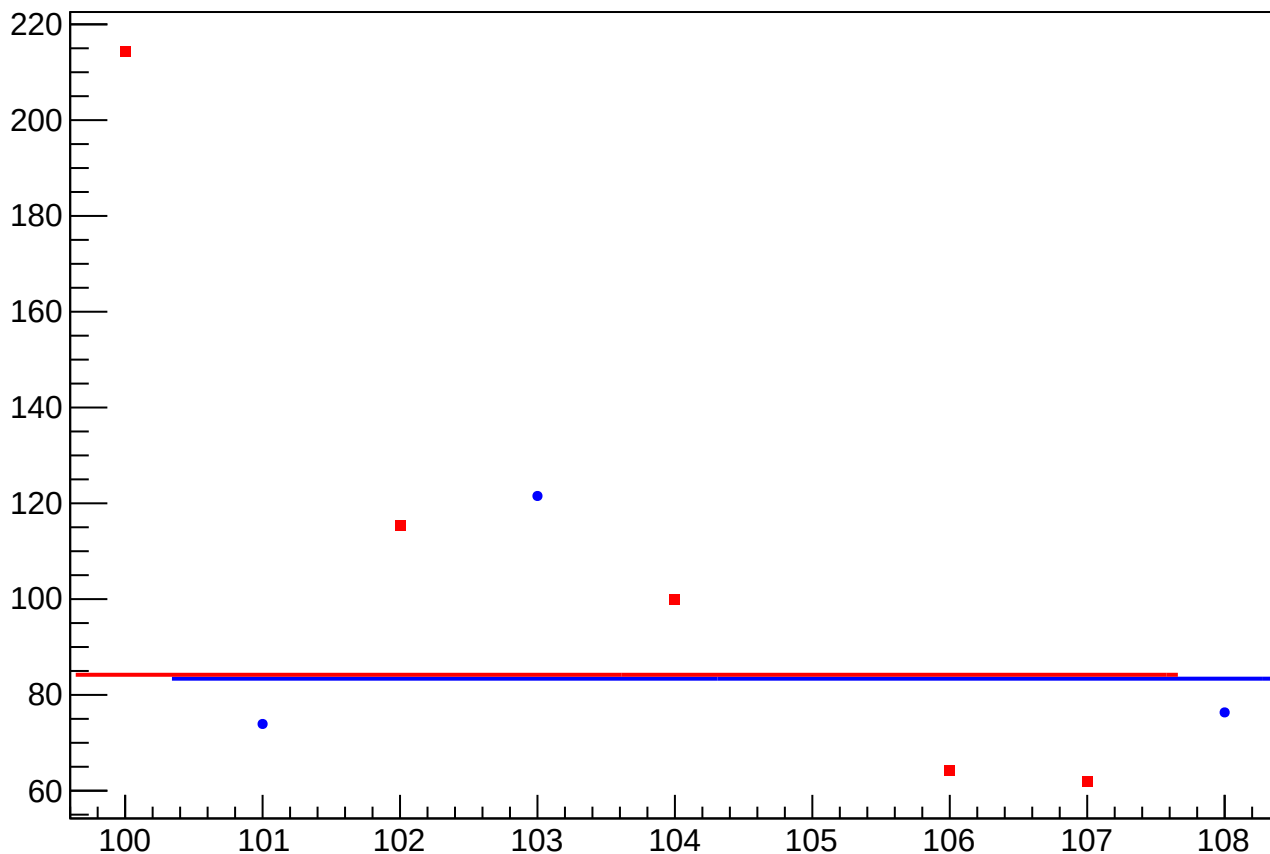
Right: 76.540+/-48.341 χ^2/NDF : 11.7/7

In: 87.783+/-67.884 χ^2/NDF : 2.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.540+/-48.341 χ^2/NDF : 11.7/7

eigen_dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 83.389+/-0.048 χ^2/NDF : 142447.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.205+/-0.049 χ^2/NDF : 271015.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

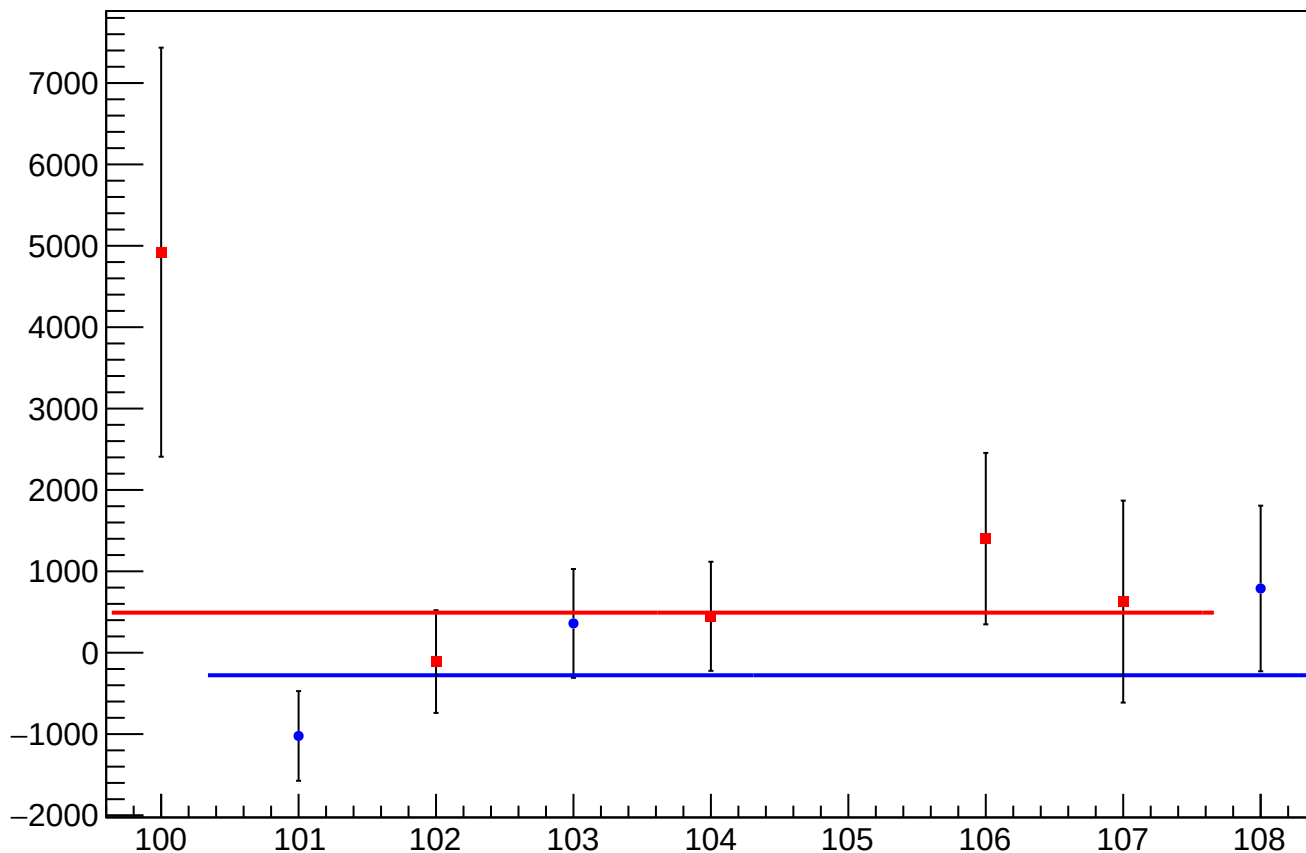
Right: 83.791+/-0.034 χ^2/NDF : 413605.6/7

In: 83.389+/-0.048 χ^2/NDF : 142447.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.791+/-0.034 χ^2/NDF : 413605.6/7

asym_sam_1357_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -276.972 $\pm$ 392.395 χ^2 /NDF: 3.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 492.339 $\pm$ 393.833 χ^2 /NDF: 4.8/4

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

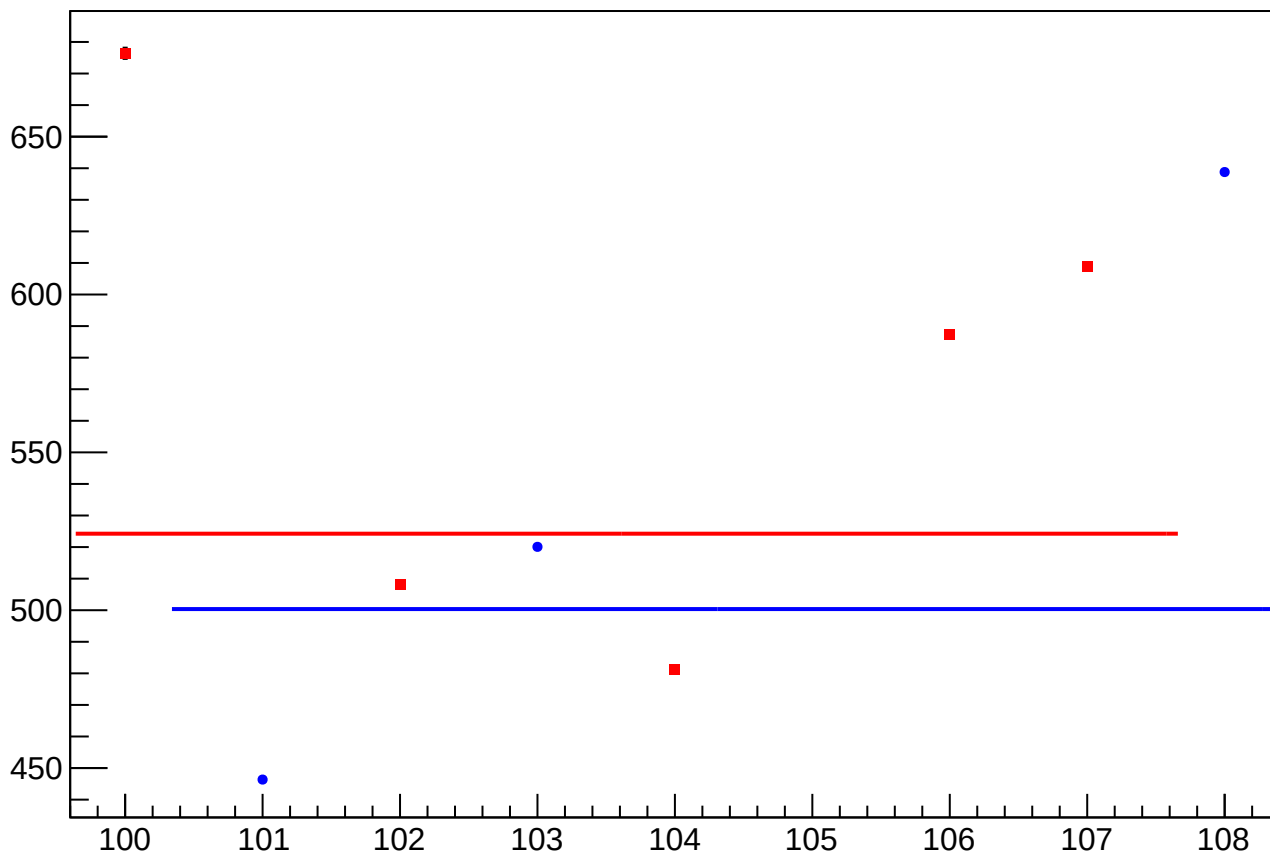
Right: 106.277 $\pm$ 277.972 χ^2 /NDF: 10.5/7

In: -276.972 $\pm$ 392.395 χ^2 /NDF:3.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 106.277 $\pm$ 277.972 χ^2 /NDF: 10.5/7

asym_sam_1357_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 500.364+/-0.277 χ^2/NDF : 57949.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 524.239+/-0.278 χ^2/NDF : 33290.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

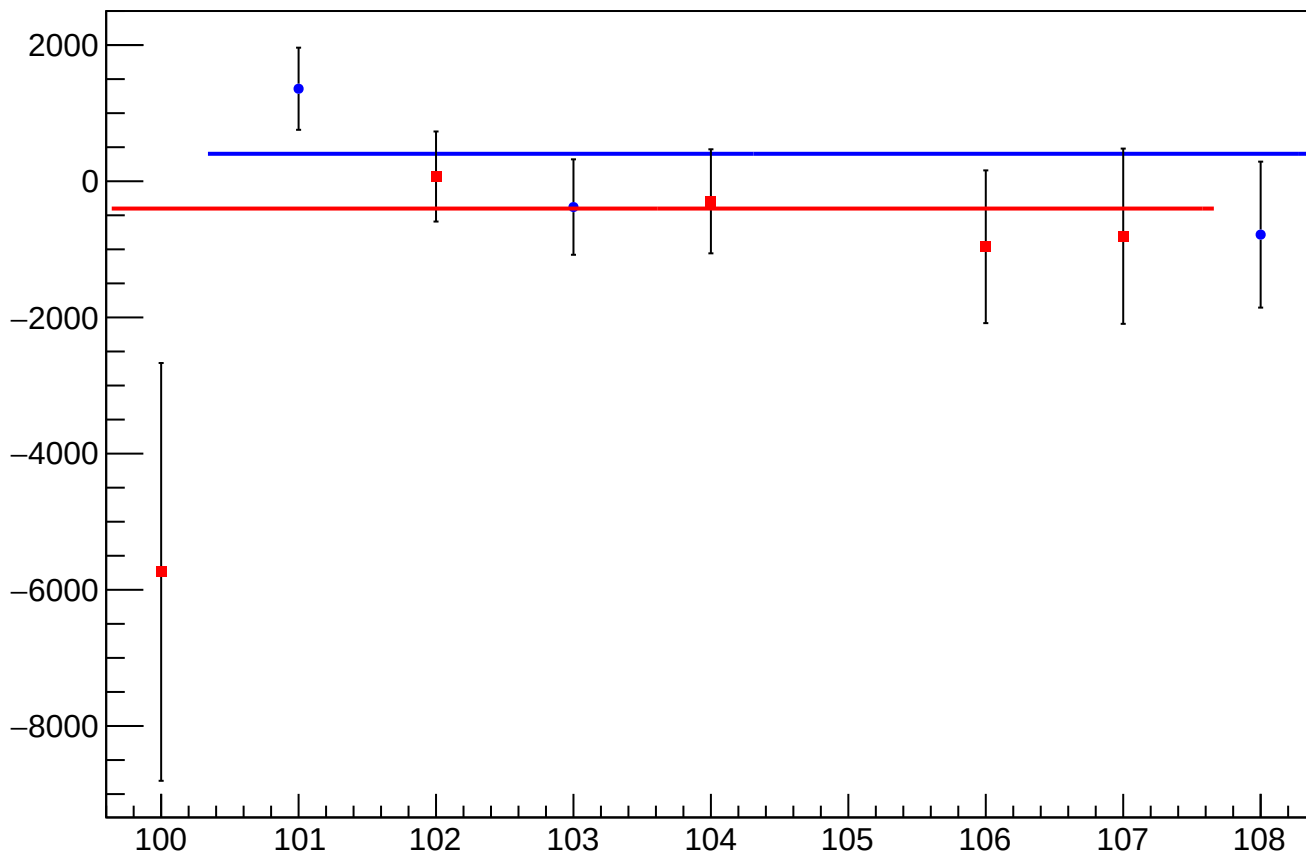
Right: 512.258+/-0.197 χ^2/NDF : 94928.6/7

In: 500.364+/-0.277 χ^2/NDF : 57949.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 512.258+/-0.197 χ^2/NDF : 94928.6/7

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 403.304+/-420.540 χ^2/NDF : 5.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -401.037+/-426.231 χ^2/NDF : 3.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

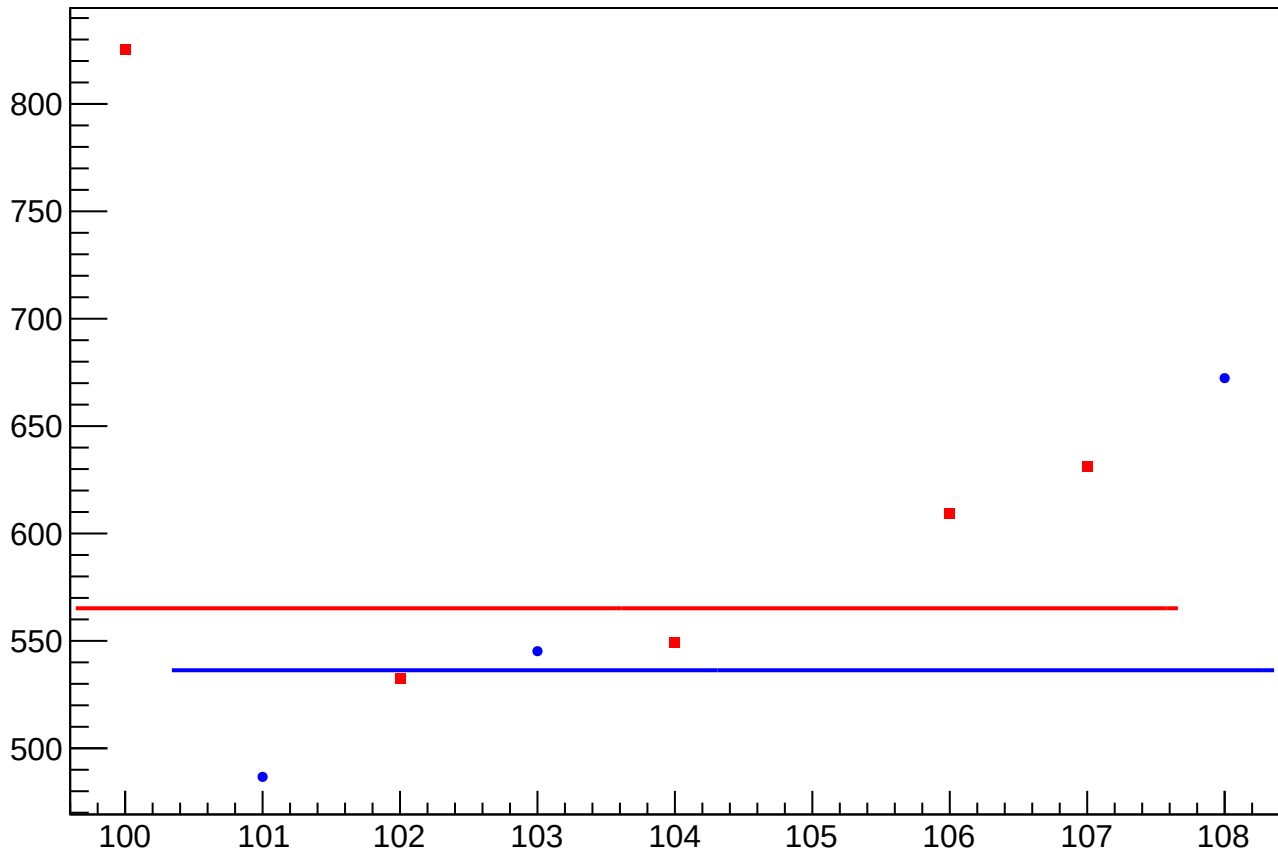
Right: 6.539+/-299.359 χ^2/NDF : 10.7/7

In: 403.304+/-420.540 χ^2/NDF : 5.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.539+/-299.359 χ^2/NDF : 10.7/7

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 536.327+/-0.297 χ^2/NDF : 46074.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 565.184+/-0.301 χ^2/NDF : 28493.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

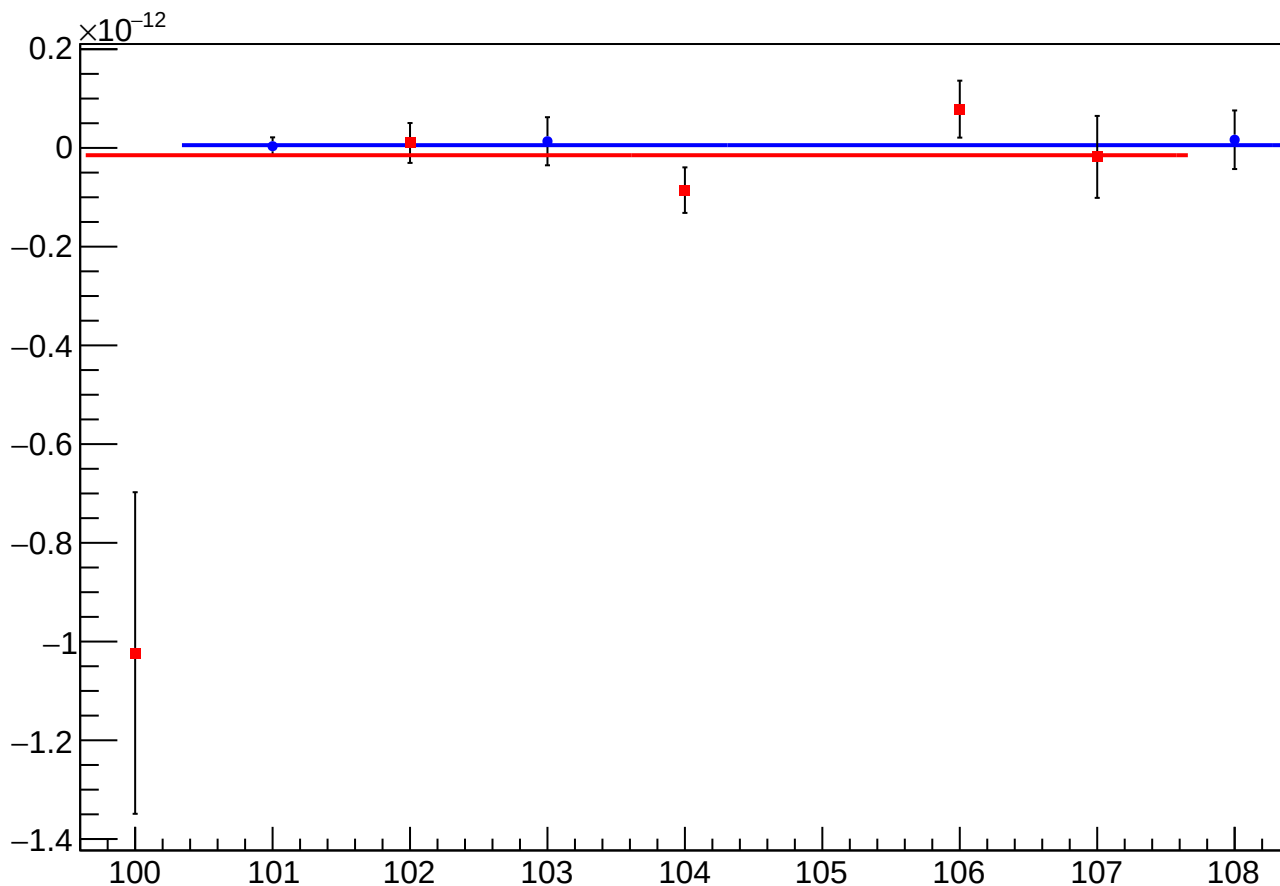
Right: 550.562+/-0.212 χ^2/NDF : 79213.3/7

In: 536.327+/-0.297 χ^2/NDF : 46074.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 550.562+/-0.212 χ^2/NDF : 79213.3/7

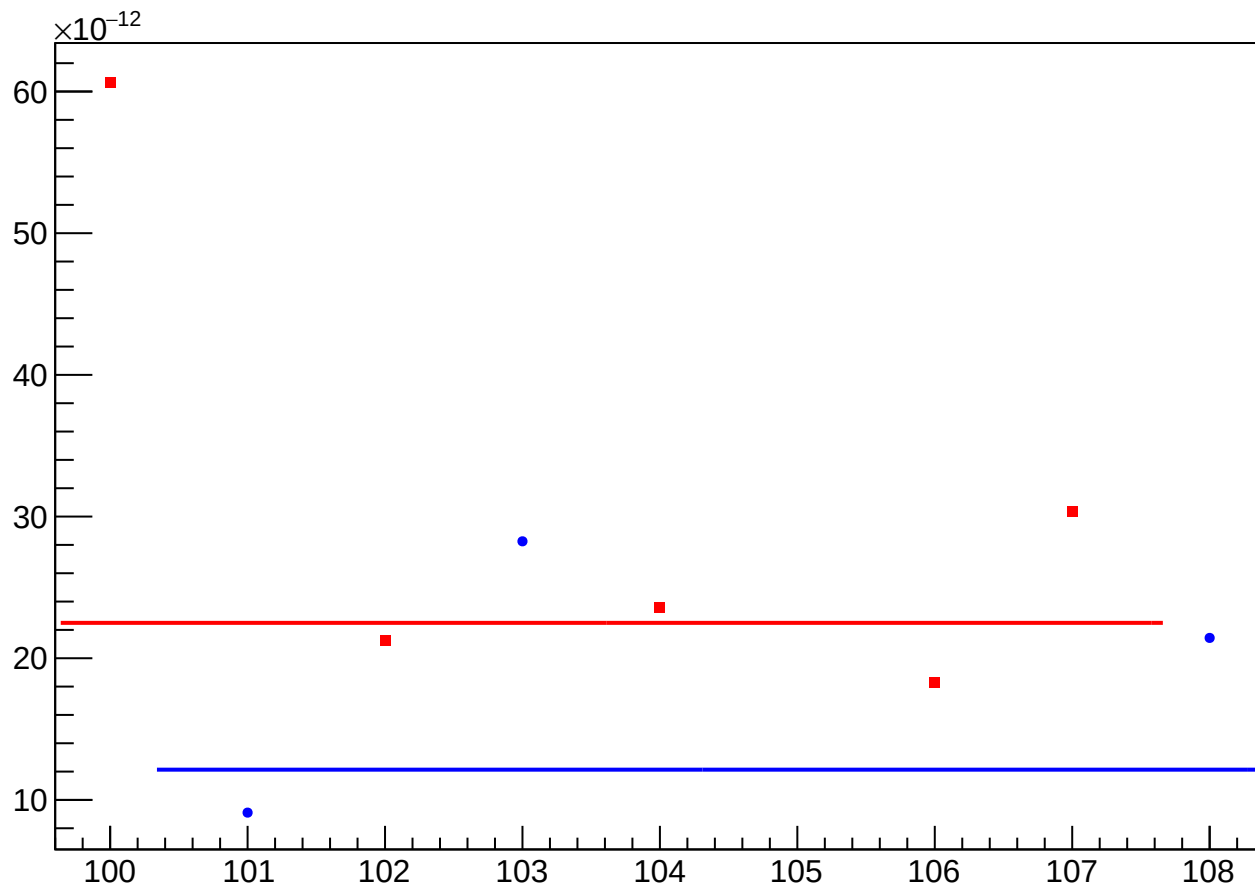
asym_sam_1357_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.1/2
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 14.9/4
 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: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.5/7
 In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.1/2
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.5/7

asym_sam_1357_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 325166.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 59049.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

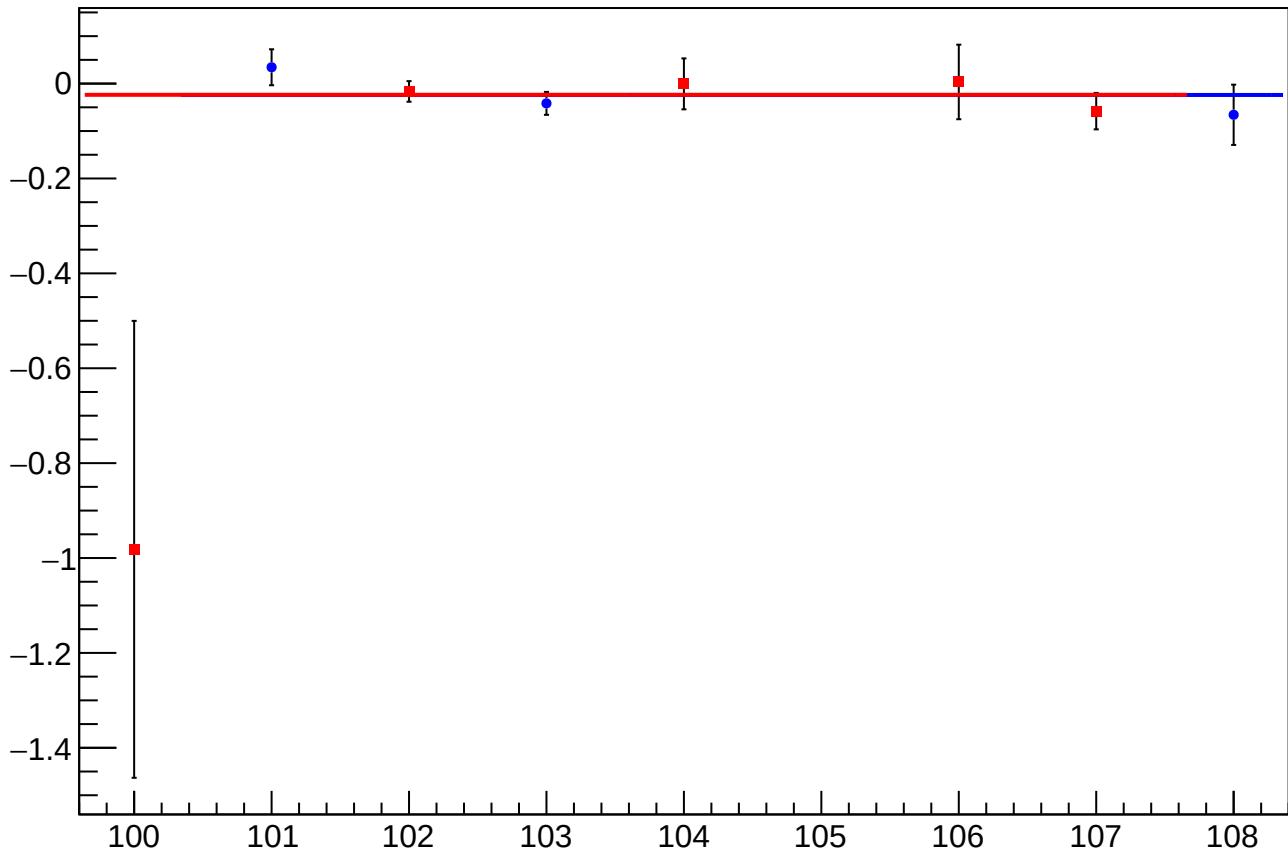
Right: 0.000+/-0.000 χ^2/NDF : 619619.4/7

In: 0.000+/-0.000 χ^2/NDF : 325166.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 619619.4/7

asym_sam_1357_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024 $\pm$ 0.019 χ^2 /NDF: 3.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.024 $\pm$ 0.017 χ^2 /NDF: 5.2/4

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

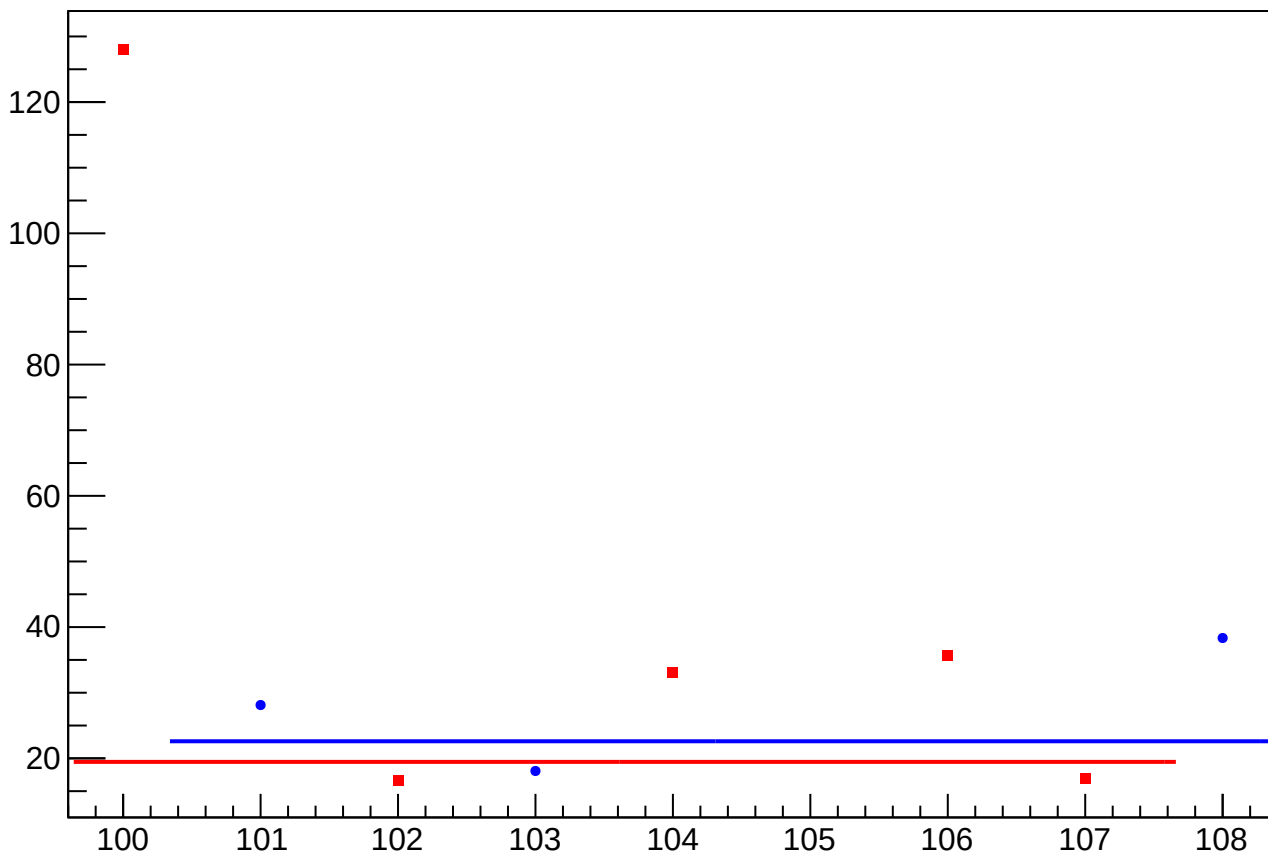
Right: -0.024 $\pm$ 0.013 χ^2 /NDF: 8.5/7

In: -0.024 $\pm$ 0.019 χ^2 /NDF:3.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.024 $\pm$ 0.013 χ^2 /NDF: 8.5/7

asym_sam_1357_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.603+/-0.014 χ^2/NDF : 235288.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.463+/-0.012 χ^2/NDF : 360372.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

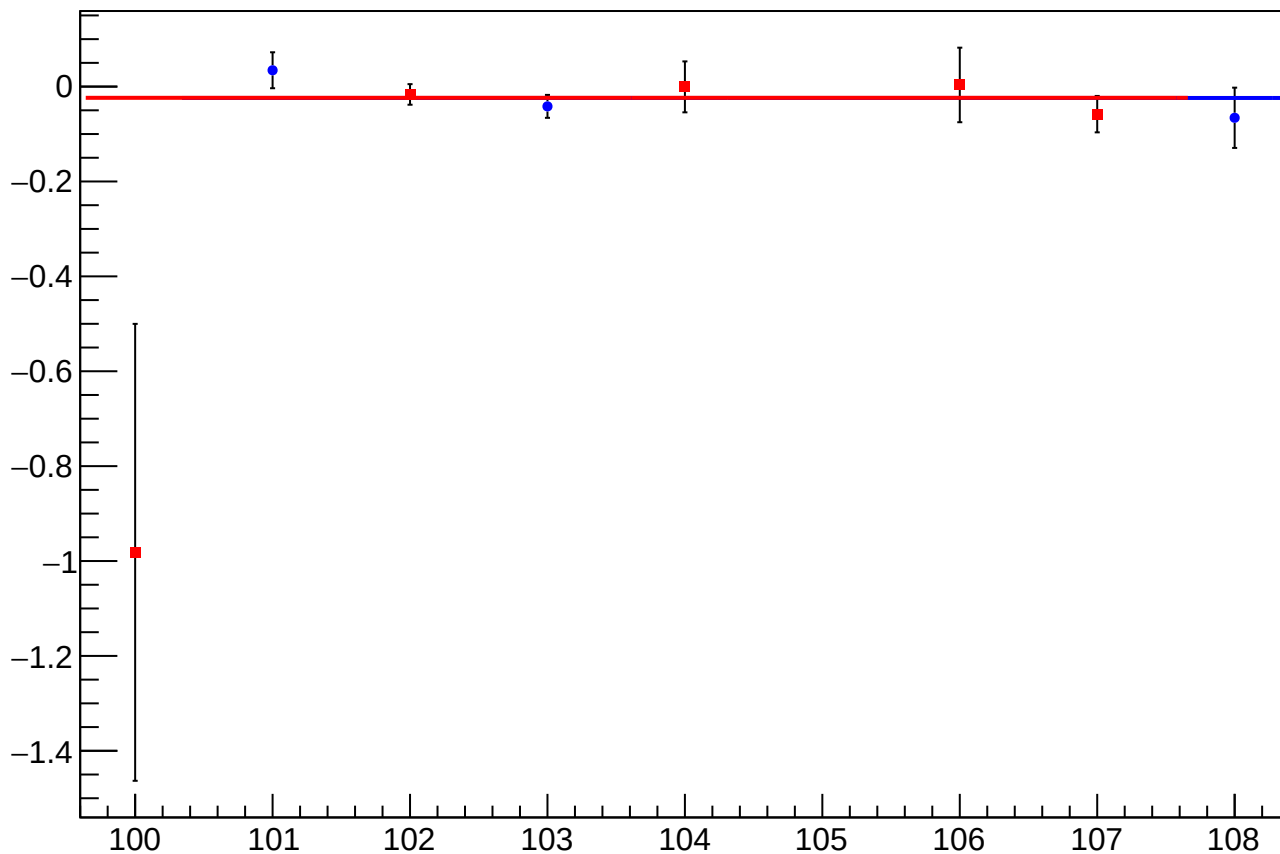
Right: 20.860+/-0.009 χ^2/NDF : 624733.9/7

In: 22.603+/-0.014 χ^2/NDF : 235288.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.860+/-0.009 χ^2/NDF : 624733.9/7

asym_sam_1357_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024 $\pm$ 0.019 χ^2 /NDF: 3.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.024 $\pm$ 0.017 χ^2 /NDF: 5.2/4

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

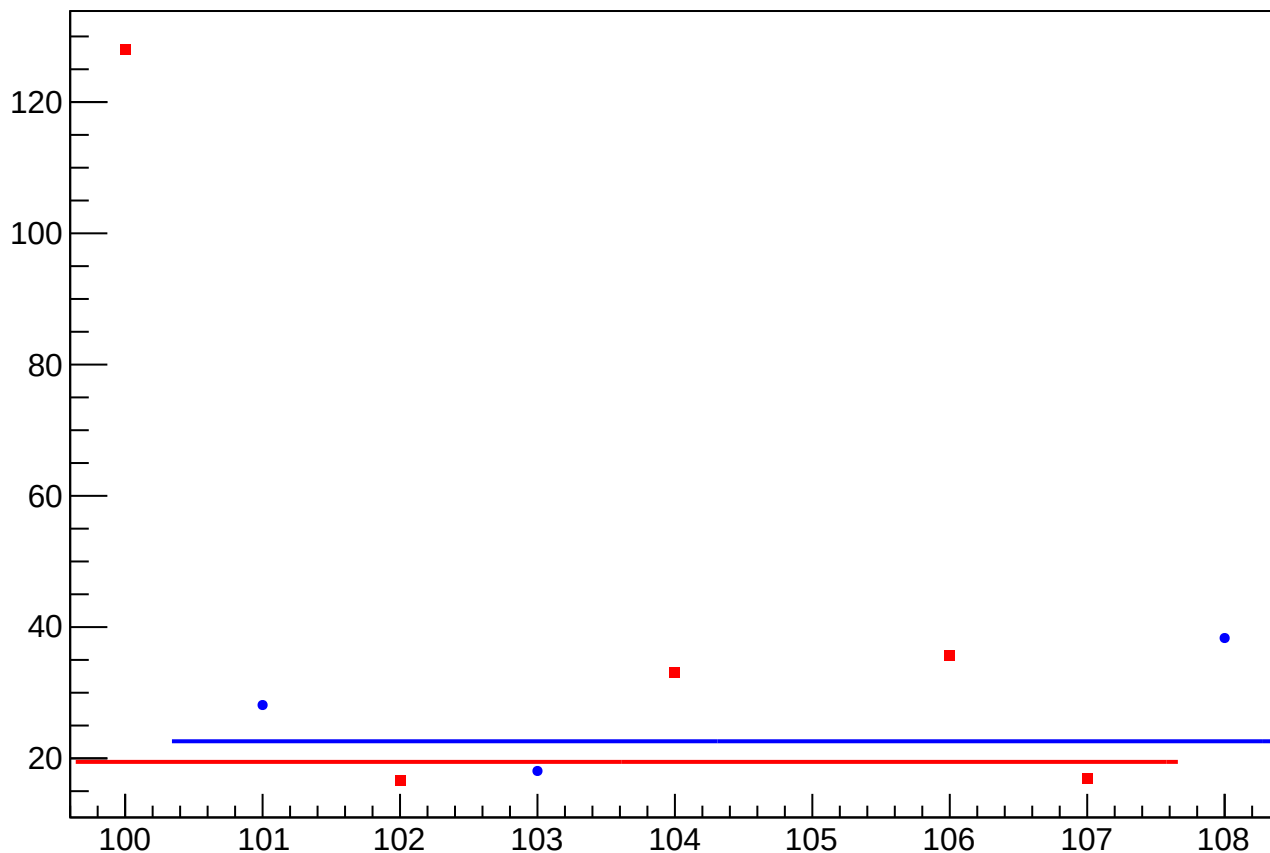
Right: -0.024 $\pm$ 0.013 χ^2 /NDF: 8.5/7

In: -0.024 $\pm$ 0.019 χ^2 /NDF:3.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.024 $\pm$ 0.013 χ^2 /NDF: 8.5/7

asym_sam_1357_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.603 $\pm$ 0.014 χ^2 /NDF: 235288.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 19.463 $\pm$ 0.012 χ^2 /NDF: 360372.0/4

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

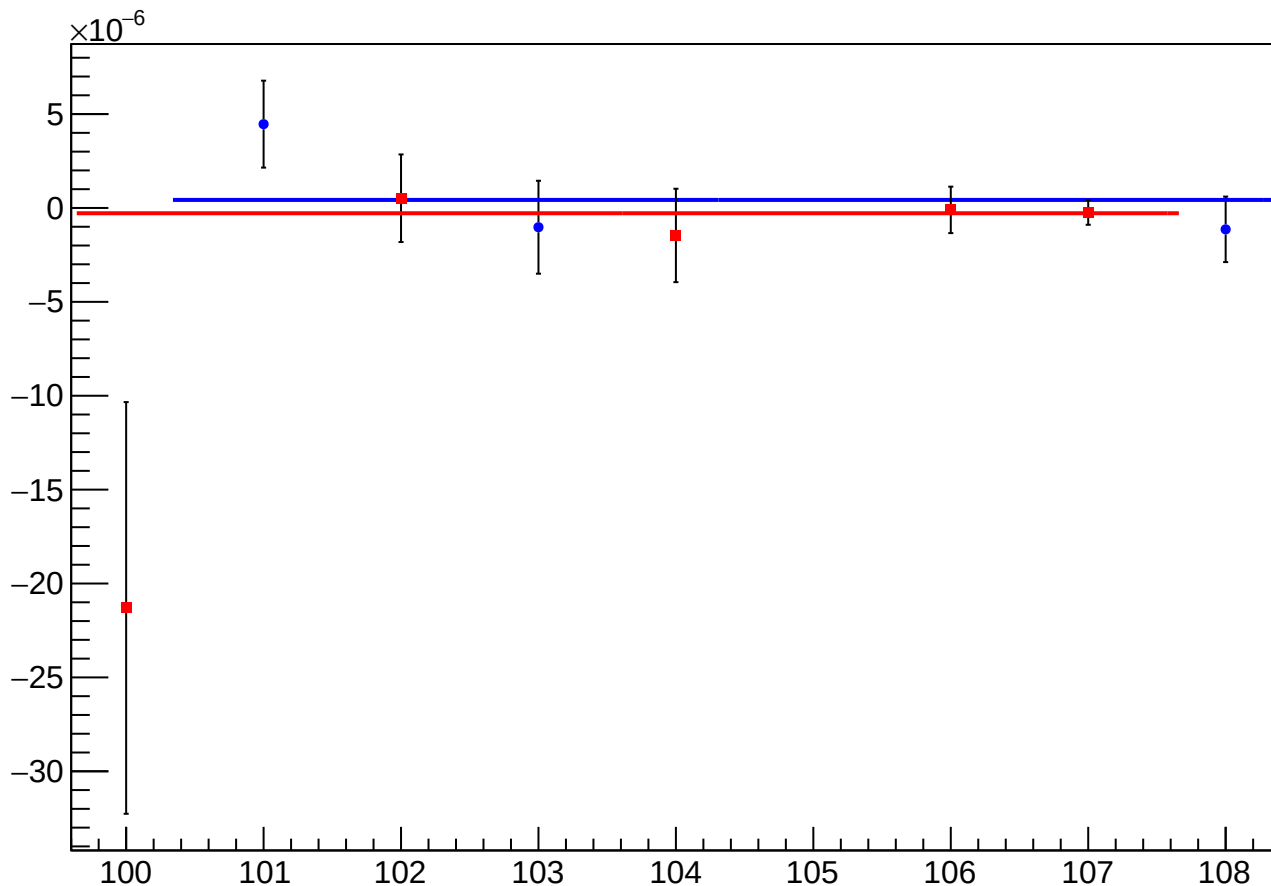
Right: 20.860 $\pm$ 0.009 χ^2 /NDF: 624733.9/7

In: 22.603 $\pm$ 0.014 χ^2 /NDF: 235288.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.860 $\pm$ 0.009 χ^2 /NDF: 624733.9/7

asym_sam_1357_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.0/4

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

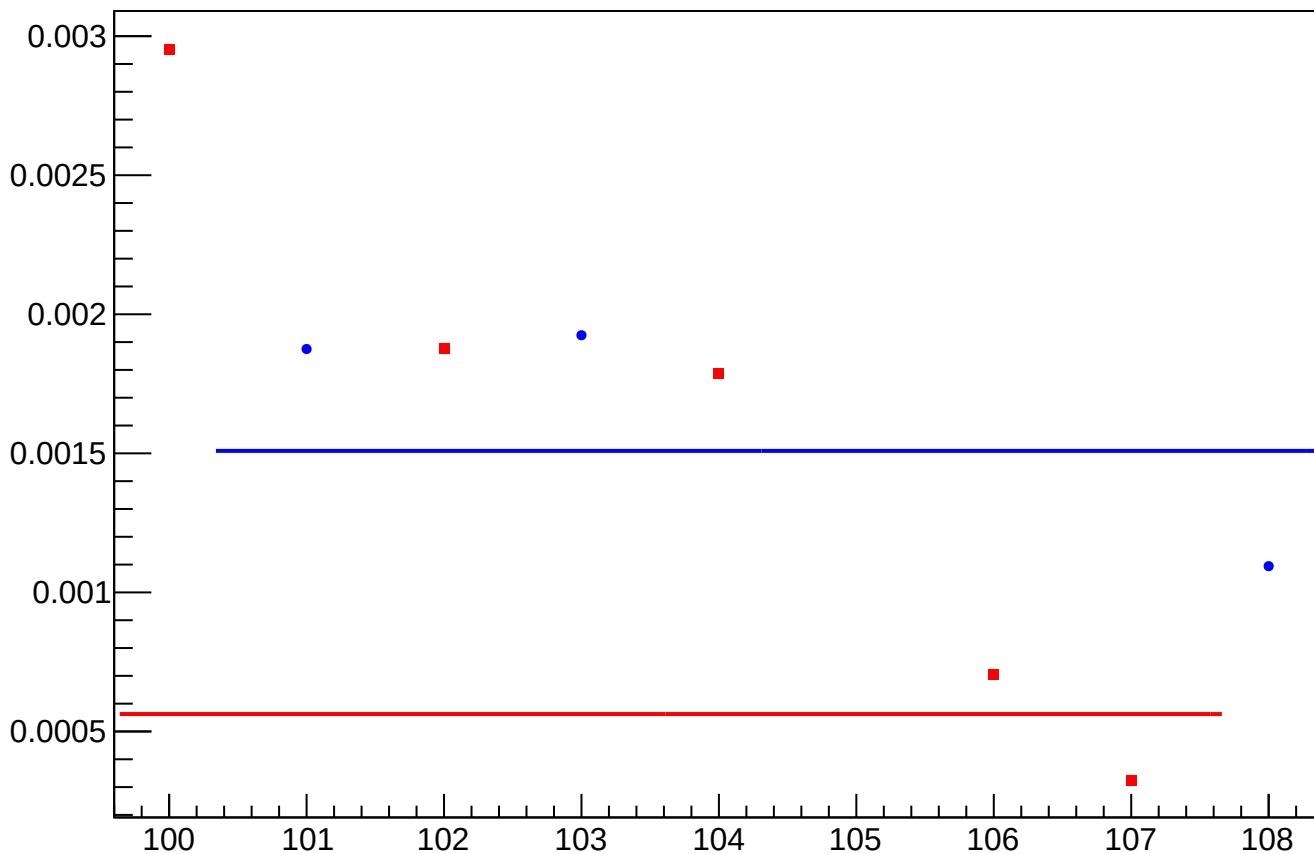
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.5/7

In: 0.000 $\pm$ 0.000 χ^2 /NDF:4.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.5/7

asym_sam_1357_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 219503.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1506723.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

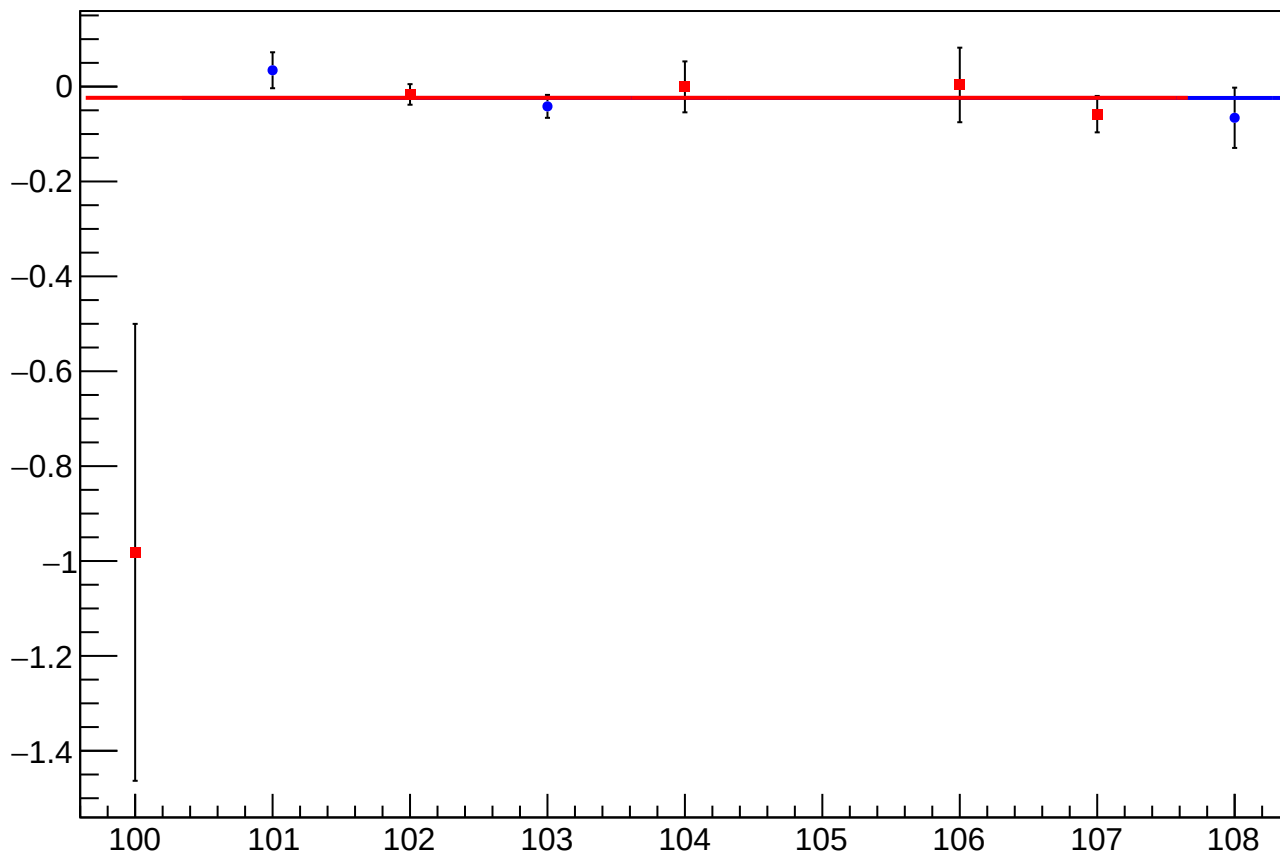
Right: 0.001+/-0.000 χ^2/NDF : 2734794.7/7

In: 0.002+/-0.000 χ^2/NDF : 219503.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2734794.7/7

asym_sam_1357_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024 $\pm$ 0.019 χ^2 /NDF: 3.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.024 $\pm$ 0.017 χ^2 /NDF: 5.2/4

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

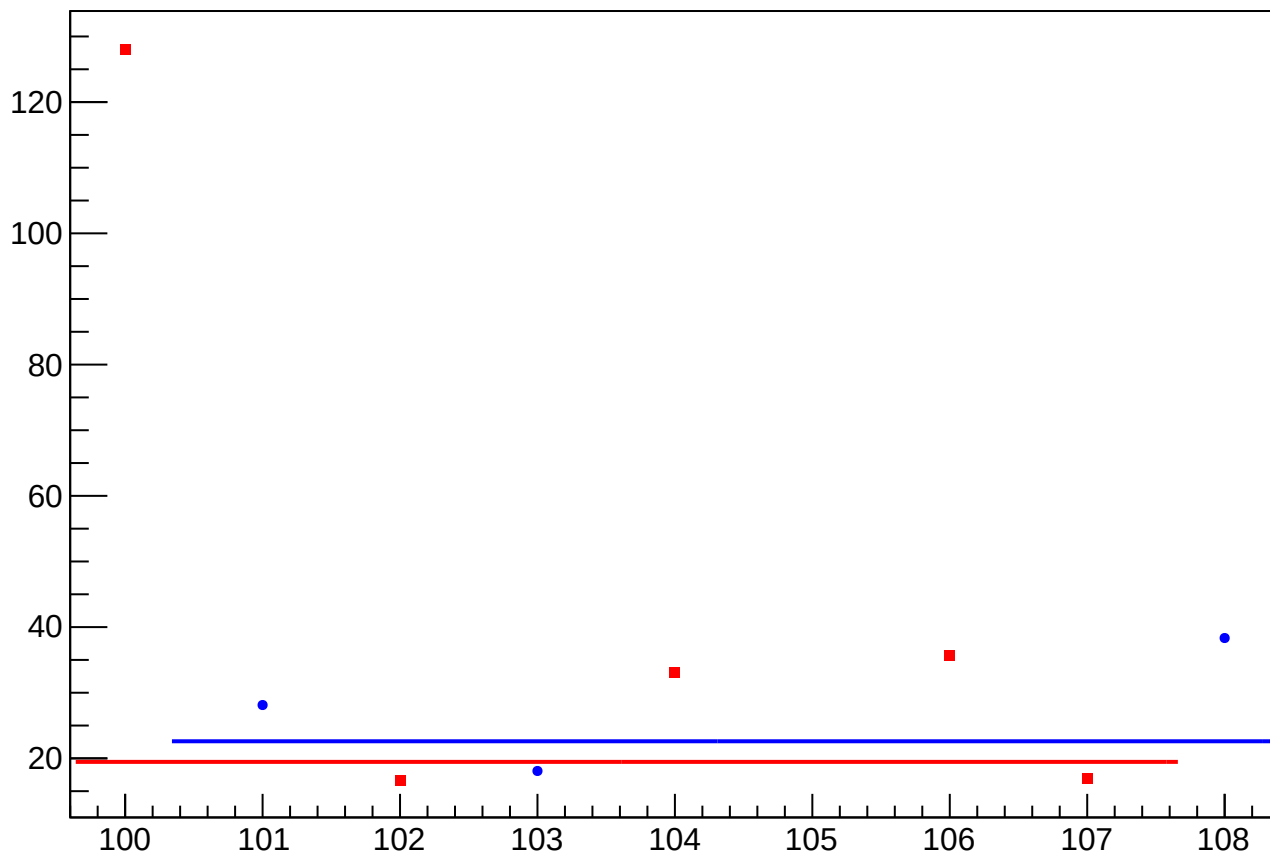
Right: -0.024 $\pm$ 0.013 χ^2 /NDF: 8.5/7

In: -0.024 $\pm$ 0.019 χ^2 /NDF:3.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.024 $\pm$ 0.013 χ^2 /NDF: 8.5/7

asym_sam_1357_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.603 $\pm$ 0.014 χ^2 /NDF: 235291.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 19.464 $\pm$ 0.012 χ^2 /NDF: 360381.6/4

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

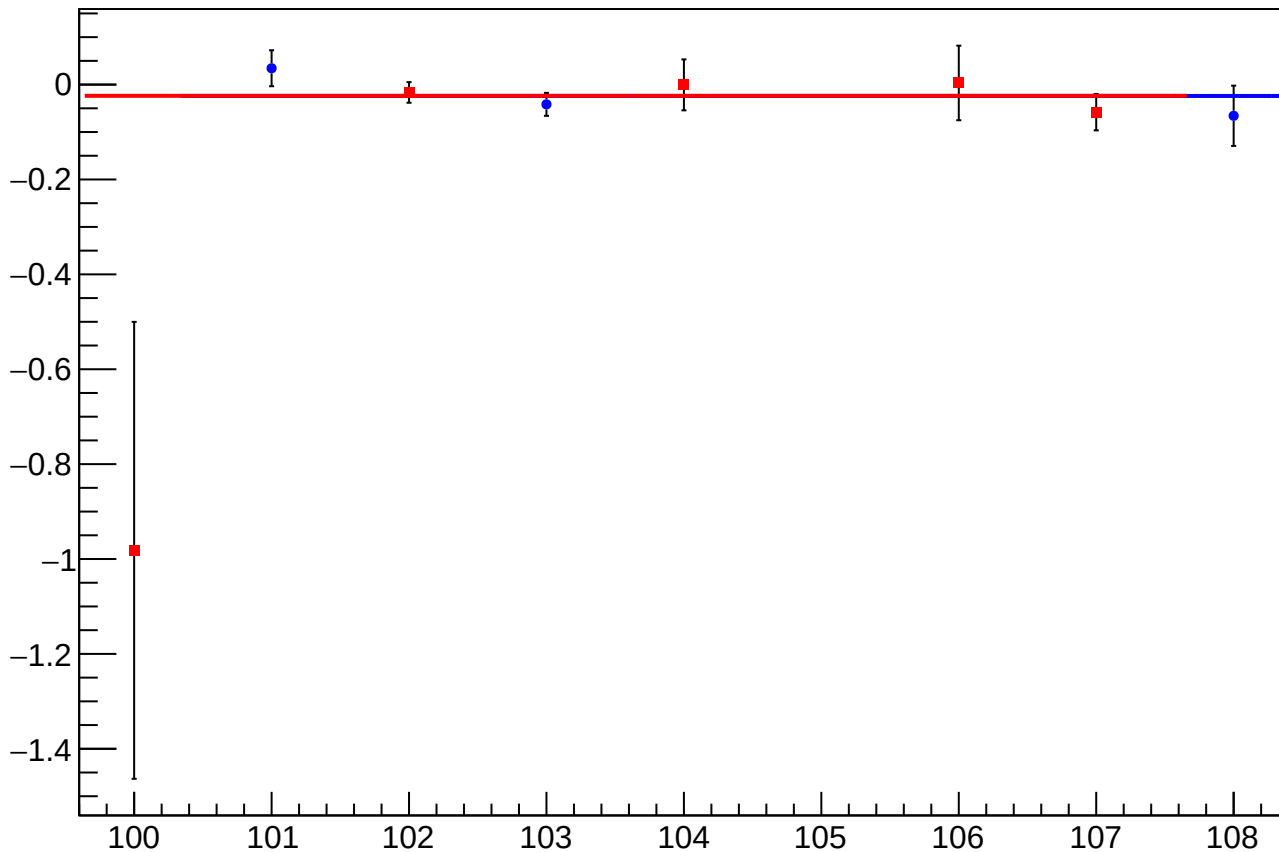
Right: 20.860 $\pm$ 0.009 χ^2 /NDF: 624745.1/7

In: 22.603 $\pm$ 0.014 χ^2 /NDF: 235291.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.860 $\pm$ 0.009 χ^2 /NDF: 624745.1/7

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024 $\pm$ 0.019 χ^2 /NDF: 3.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.024 $\pm$ 0.017 χ^2 /NDF: 5.2/4

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

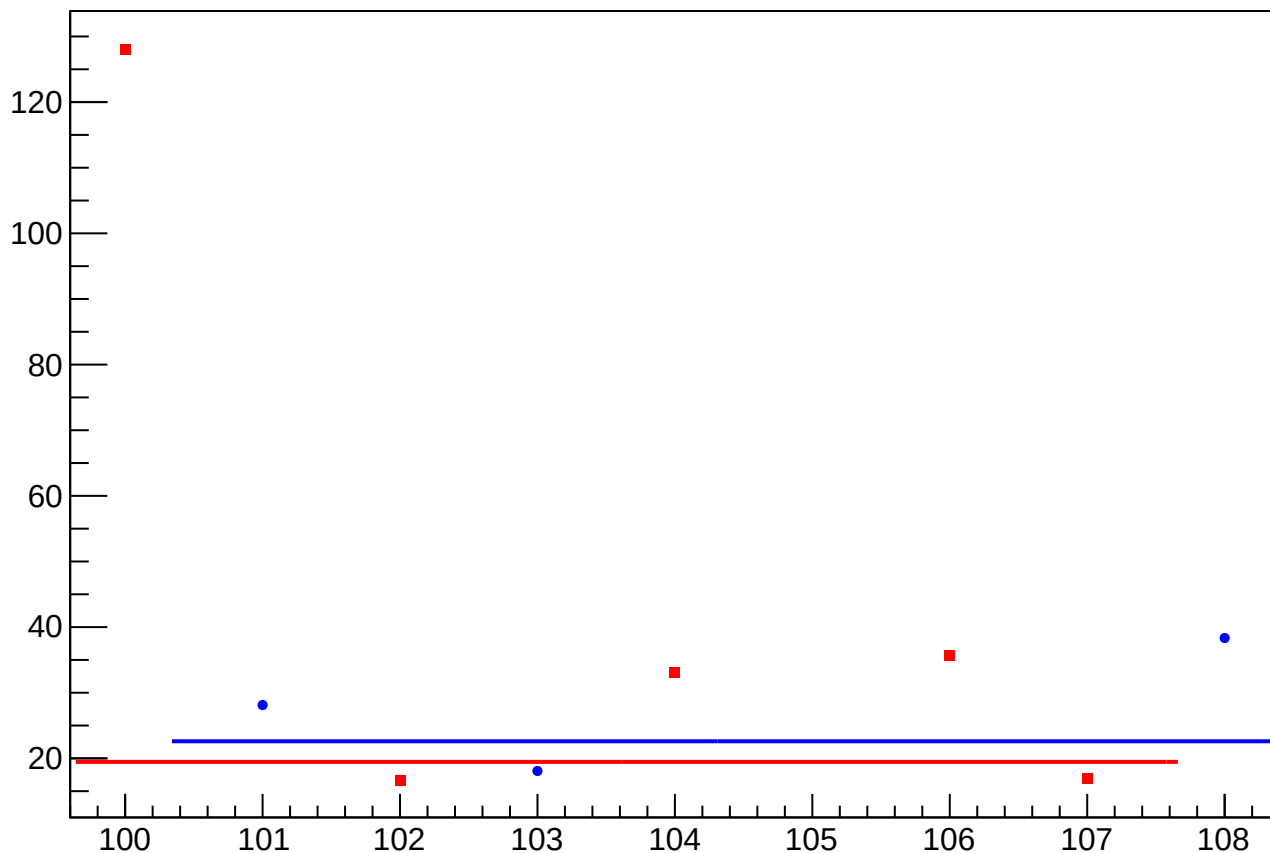
Right: -0.024 $\pm$ 0.013 χ^2 /NDF: 8.5/7

In: -0.024 $\pm$ 0.019 χ^2 /NDF:3.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.024 $\pm$ 0.013 χ^2 /NDF: 8.5/7

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.603 $\pm$ 0.014 χ^2 /NDF: 235291.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 19.464 $\pm$ 0.012 χ^2 /NDF: 360381.6/4

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

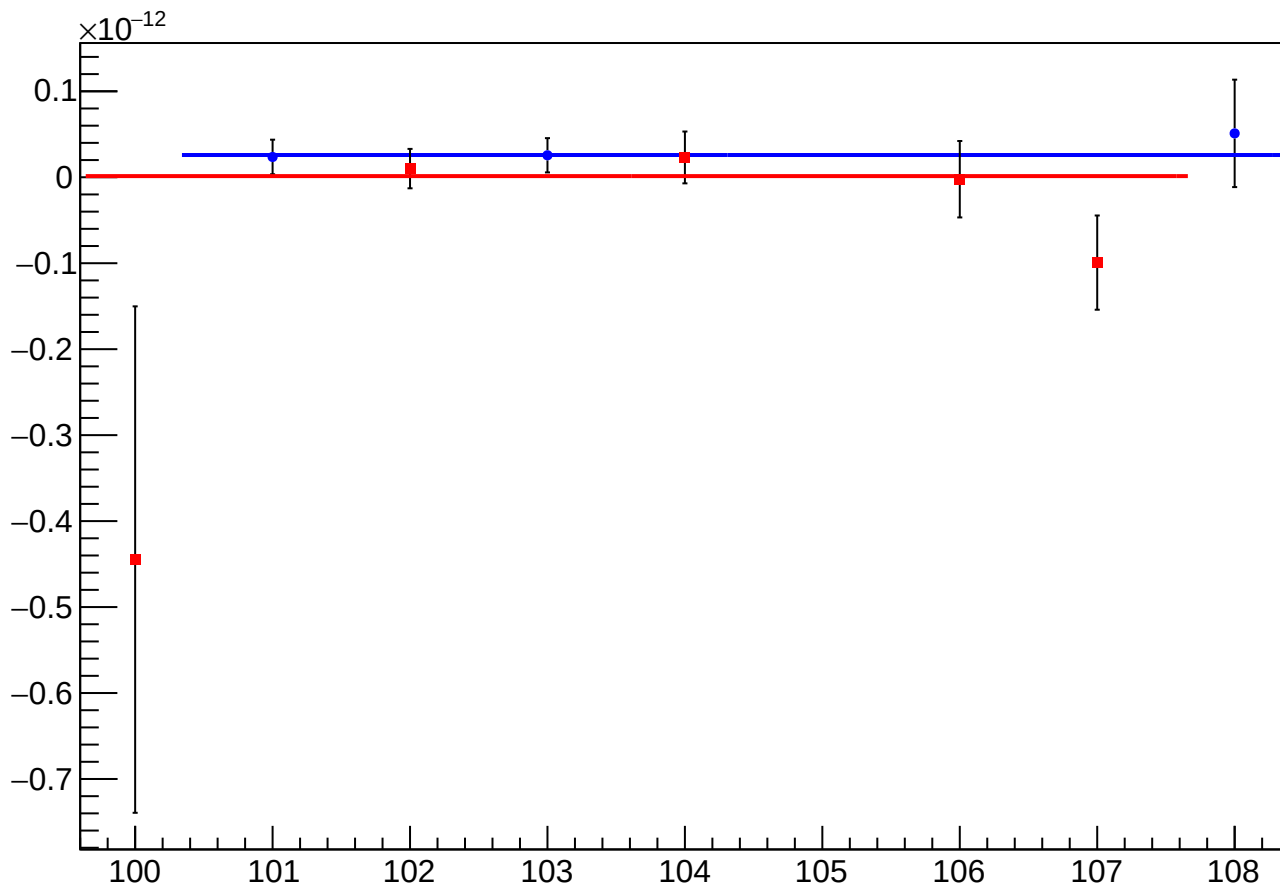
Right: 20.860 $\pm$ 0.009 χ^2 /NDF: 624745.1/7

In: 22.603 $\pm$ 0.014 χ^2 /NDF:235291.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 20.860 $\pm$ 0.009 χ^2 /NDF: 624745.1/7

asym_sam_1357_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

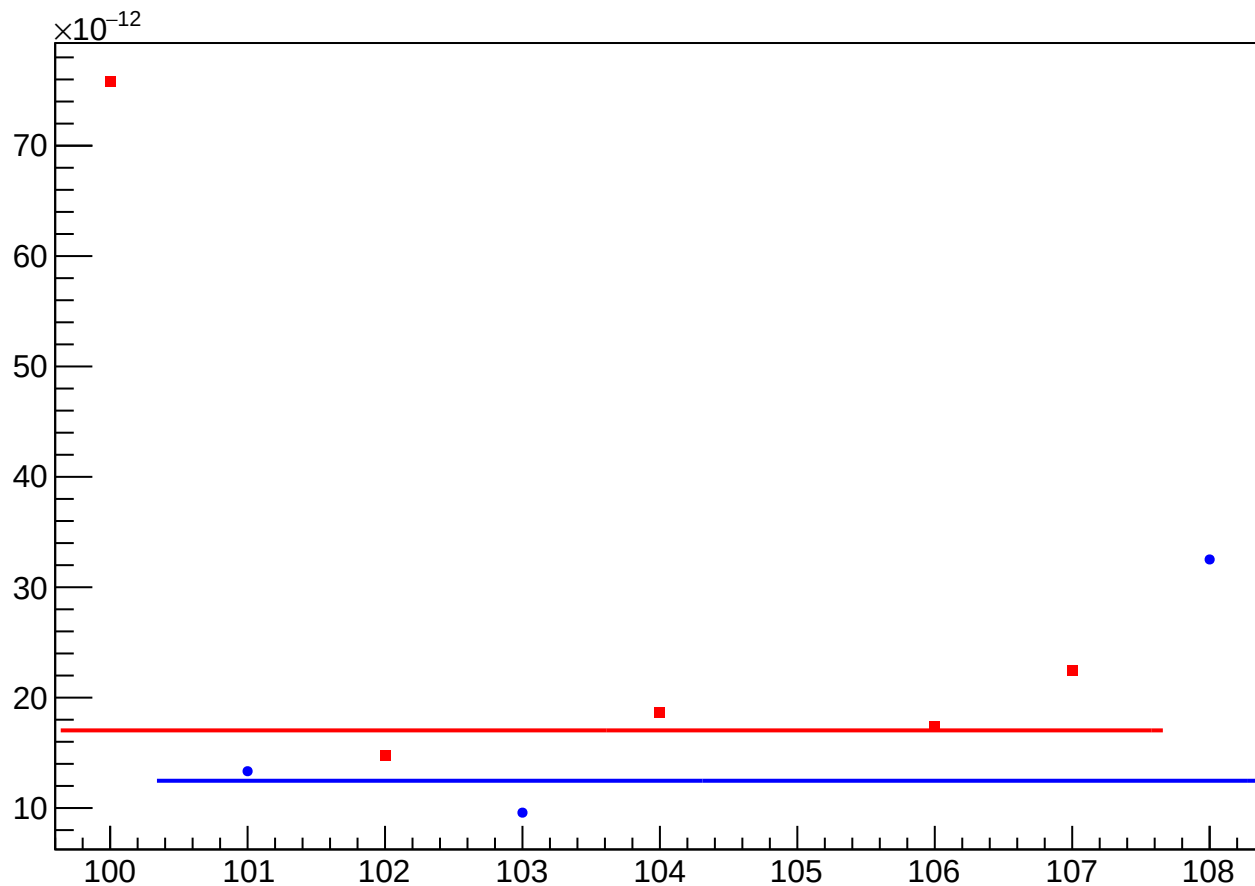
Right: 0.000+/-0.000 χ^2/NDF : 7.8/7

In: 0.000+/-0.000 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.8/7

asym_sam_1357_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 251572.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 125283.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

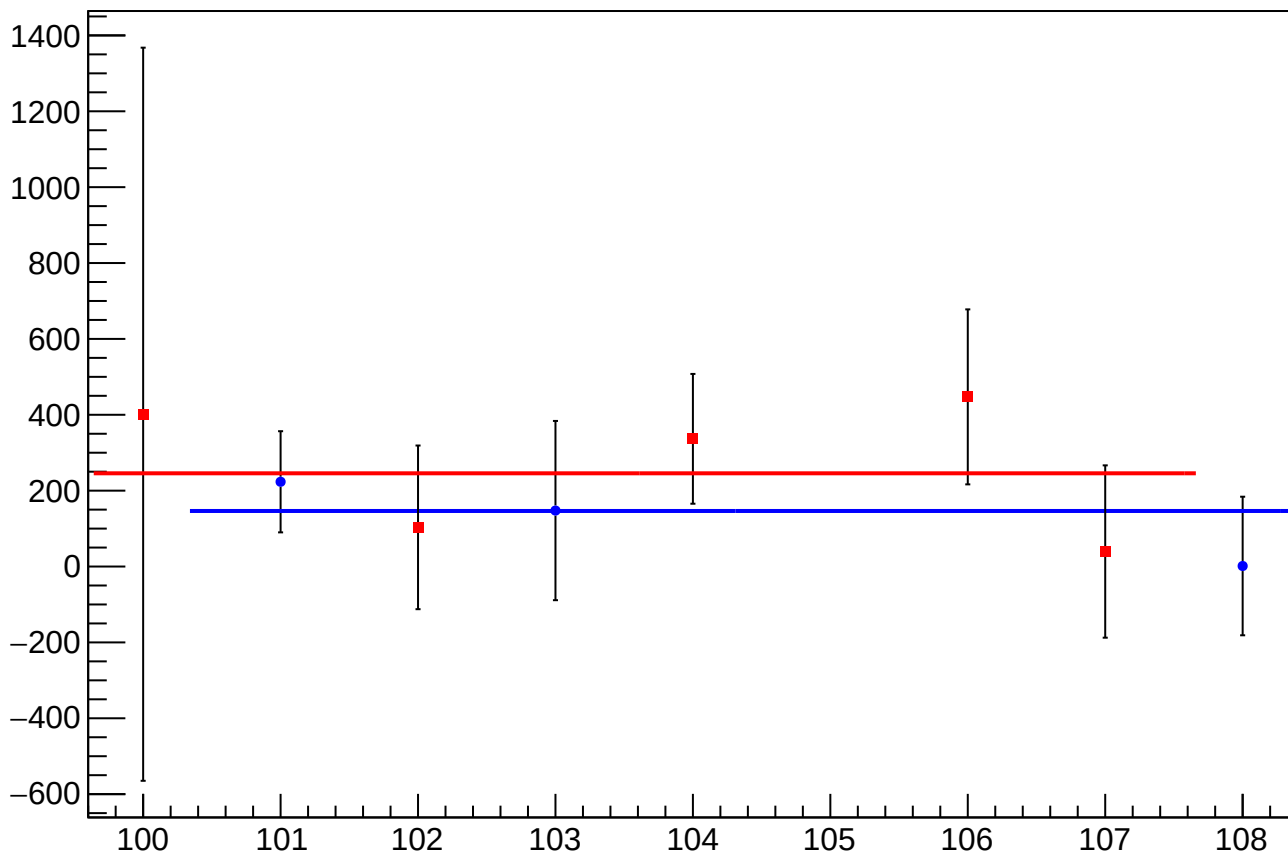
Right: 0.000+/-0.000 χ^2/NDF : 469348.6/7

In: 0.000+/-0.000 χ^2/NDF : 251572.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 469348.6/7

reg_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 146.433+/-97.995 χ^2/NDF : 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 245.749+/-102.640 χ^2/NDF : 2.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

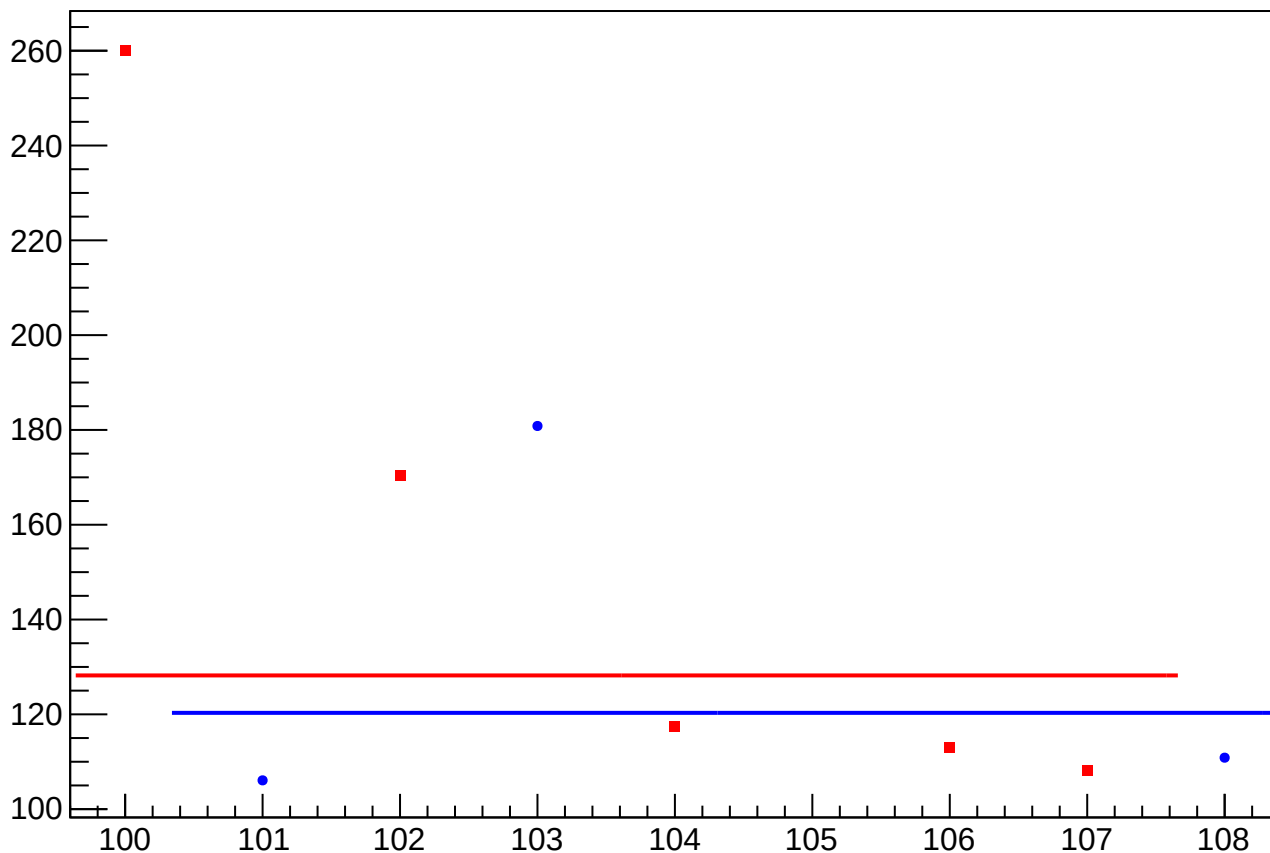
Right: 193.793+/-70.878 χ^2/NDF : 3.8/7

In: 146.433+/-97.995 χ^2/NDF : 1.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 193.793+/-70.878 χ^2/NDF : 3.8/7

reg_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 120.315+/-0.069 χ^2/NDF : 159432.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.210+/-0.073 χ^2/NDF : 145839.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

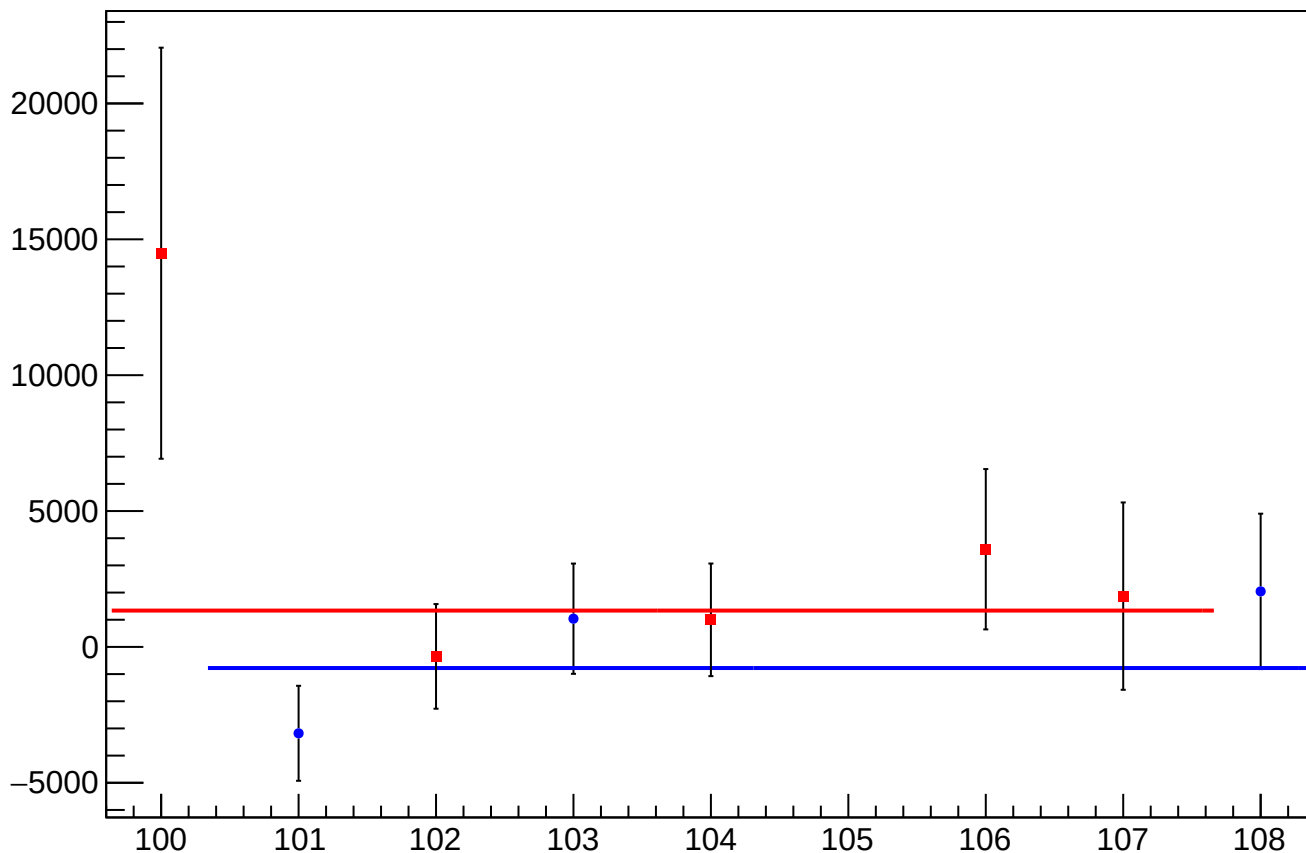
Right: 124.080+/-0.050 χ^2/NDF : 311462.4/7

In: 120.315+/-0.069 χ^2/NDF : 159432.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.080+/-0.050 χ^2/NDF : 311462.4/7

asym_sam_2468_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -777.095 $\pm$ 1201.657 χ^2 /NDF: 3.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1337.092 $\pm$ 1179.238 χ^2 /NDF: 4.4/4

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

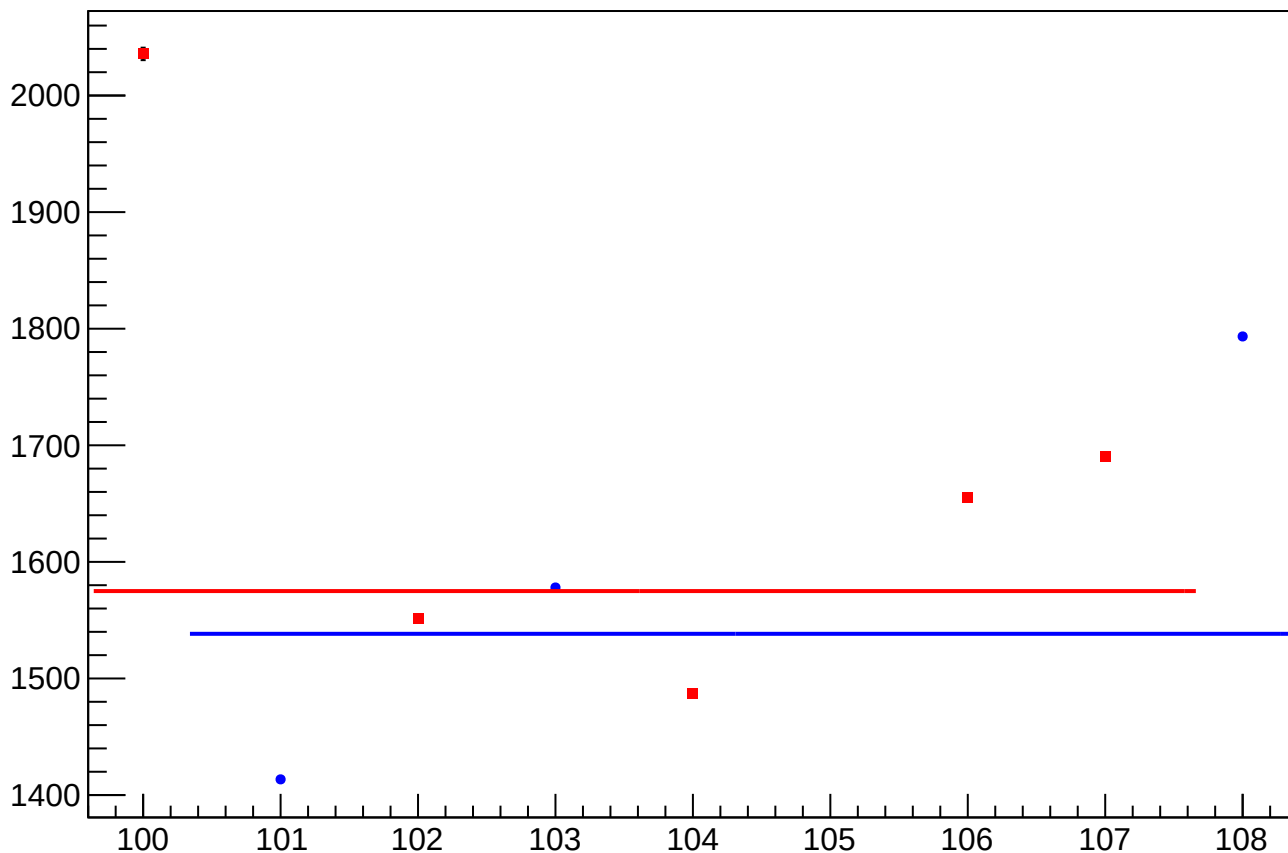
Right: 299.904 $\pm$ 841.662 χ^2 /NDF: 9.7/7

In: -777.095 $\pm$ 1201.657 χ^2 /NDF:3.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 299.904 $\pm$ 841.662 χ^2 /NDF: 9.7/7

asym_sam_2468_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1538.307 ± 0.850 $\chi^2/\text{NDF}: 26882.3/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1574.969 ± 0.834 $\chi^2/\text{NDF}: 15063.4/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

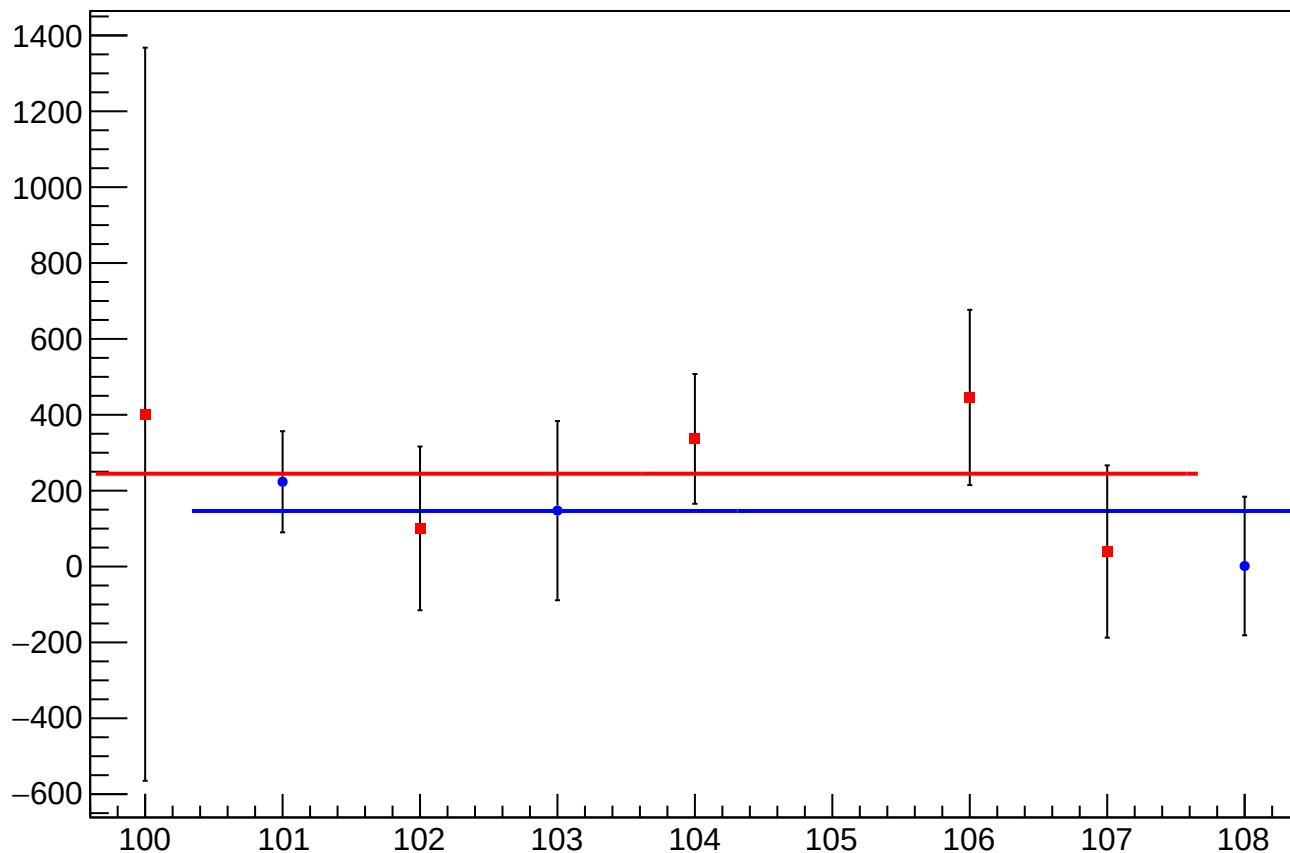
Right: 1556.983 ± 0.595 $\chi^2/\text{NDF}: 42894.1/7$

In: 1538.307 ± 0.850 $\chi^2/\text{NDF}: 26882.3/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 1556.983 ± 0.595 $\chi^2/\text{NDF}: 42894.1/7$

cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 146.412 $\pm$ 97.995 χ^2 /NDF: 1.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 244.687 $\pm$ 102.689 χ^2 /NDF: 2.3/4

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

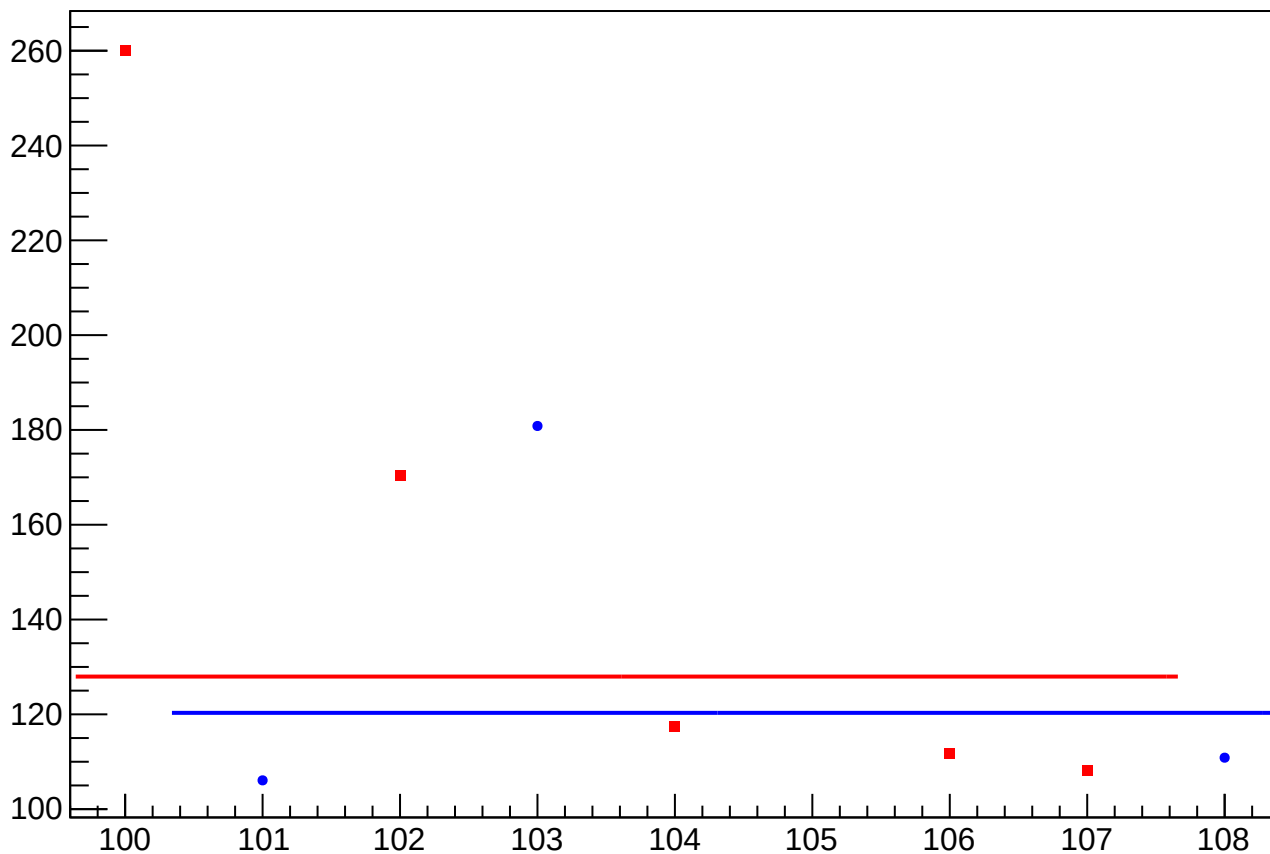
Right: 193.252 $\pm$ 70.894 χ^2 /NDF: 3.8/7

In: 146.412 $\pm$ 97.995 χ^2 /NDF: 1.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 193.252 $\pm$ 70.894 χ^2 /NDF: 3.8/7

cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 120.315+/-0.069 χ^2/NDF : 159435.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.969+/-0.073 χ^2/NDF : 147596.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

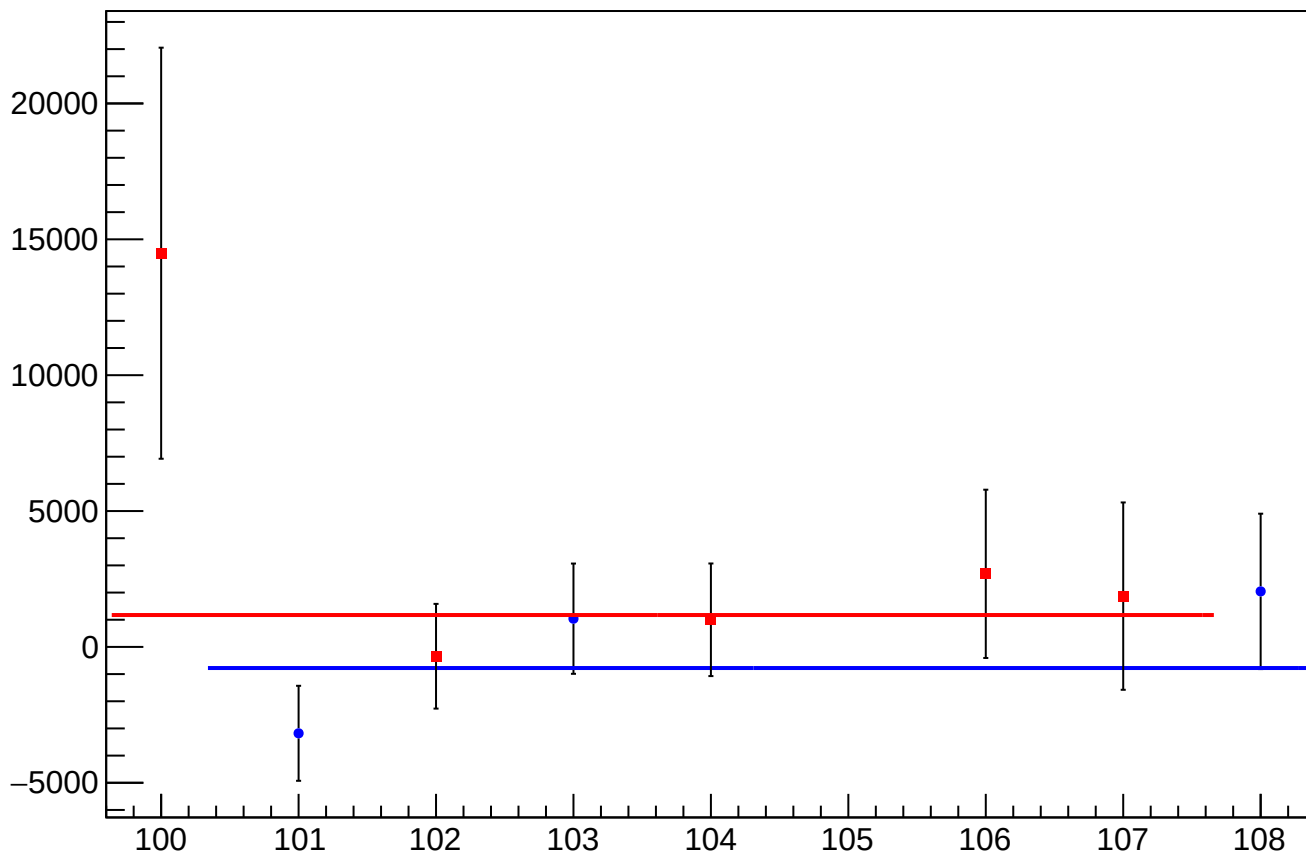
Right: 123.963+/-0.050 χ^2/NDF : 312847.1/7

In: 120.315+/-0.069 χ^2/NDF : 159435.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.963+/-0.050 χ^2/NDF : 312847.1/7

asym_sam_2468_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -776.915+/-1201.687 χ^2/NDF : 3.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1173.539+/-1188.271 χ^2/NDF : 4.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

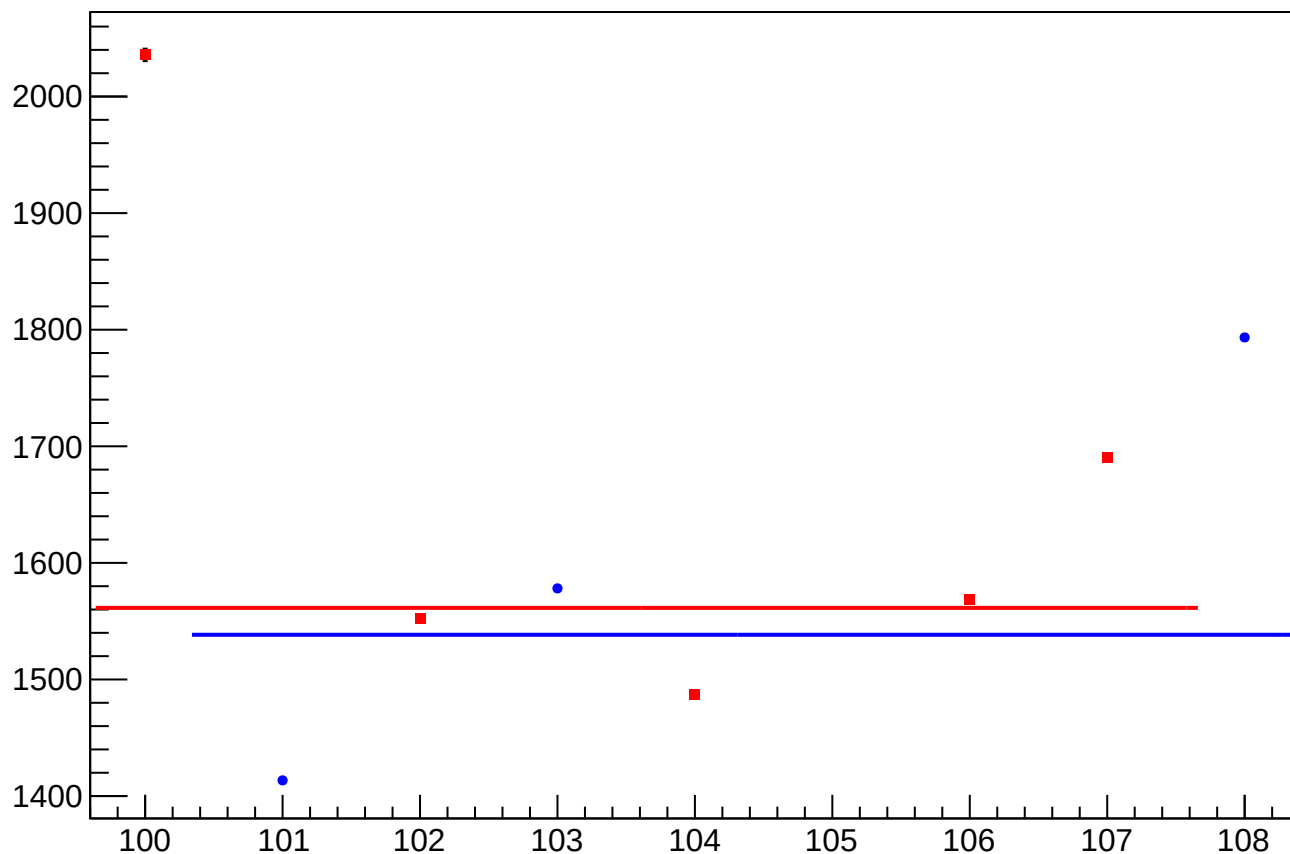
Right: 209.261+/-844.938 χ^2/NDF : 9.0/7

In: -776.915+/-1201.687 χ^2/NDF : 3.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 209.261+/-844.938 χ^2/NDF : 9.0/7

asym_sam_2468_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1538.343+/-0.850 χ^2/NDF : 26886.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1561.445+/-0.840 χ^2/NDF : 13316.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

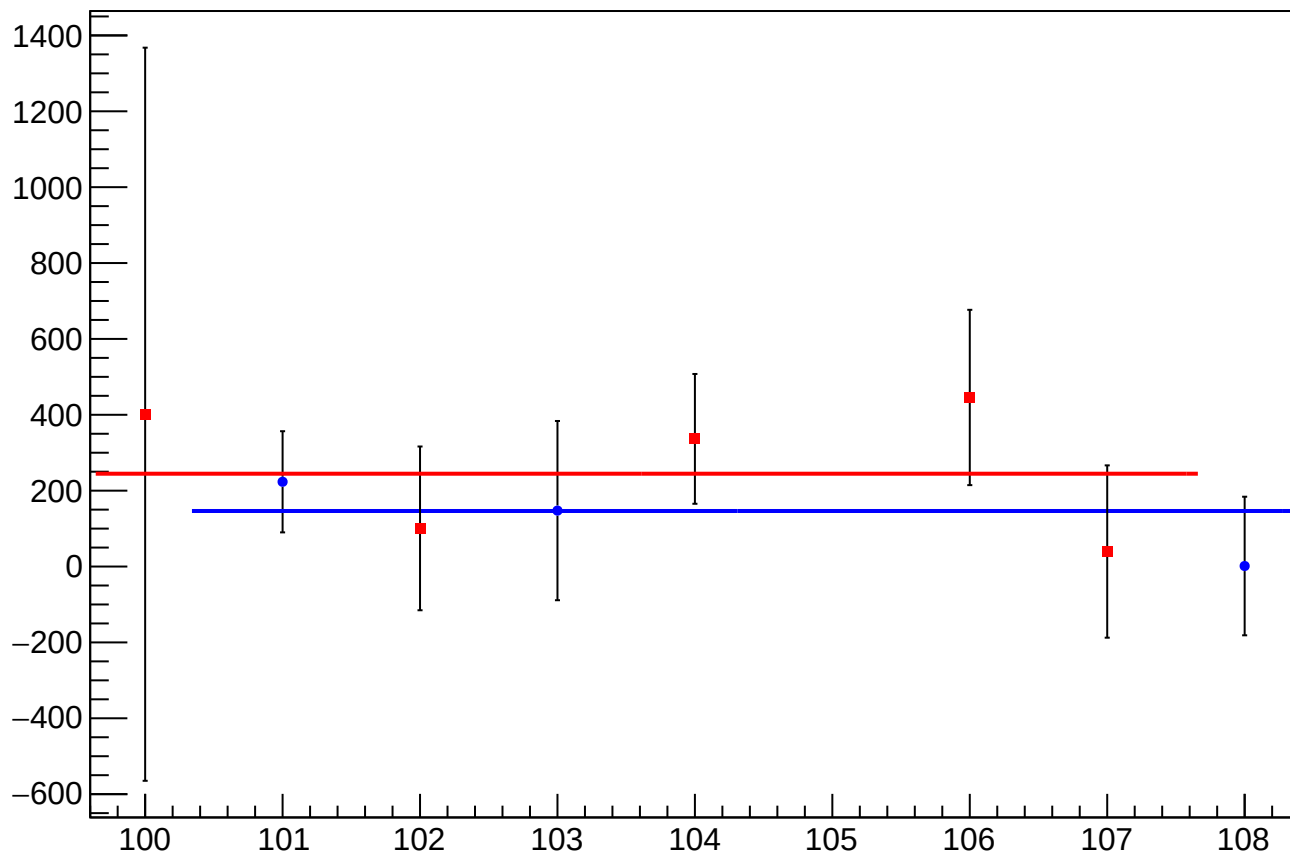
Right: 1550.024+/-0.597 χ^2/NDF : 40576.1/7

In: 1538.343+/-0.850 χ^2/NDF : 26886.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1550.024+/-0.597 χ^2/NDF : 40576.1/7

eigen_cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 146.412 $\pm$ 97.995 χ^2 /NDF: 1.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 244.687 $\pm$ 102.689 χ^2 /NDF: 2.3/4

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

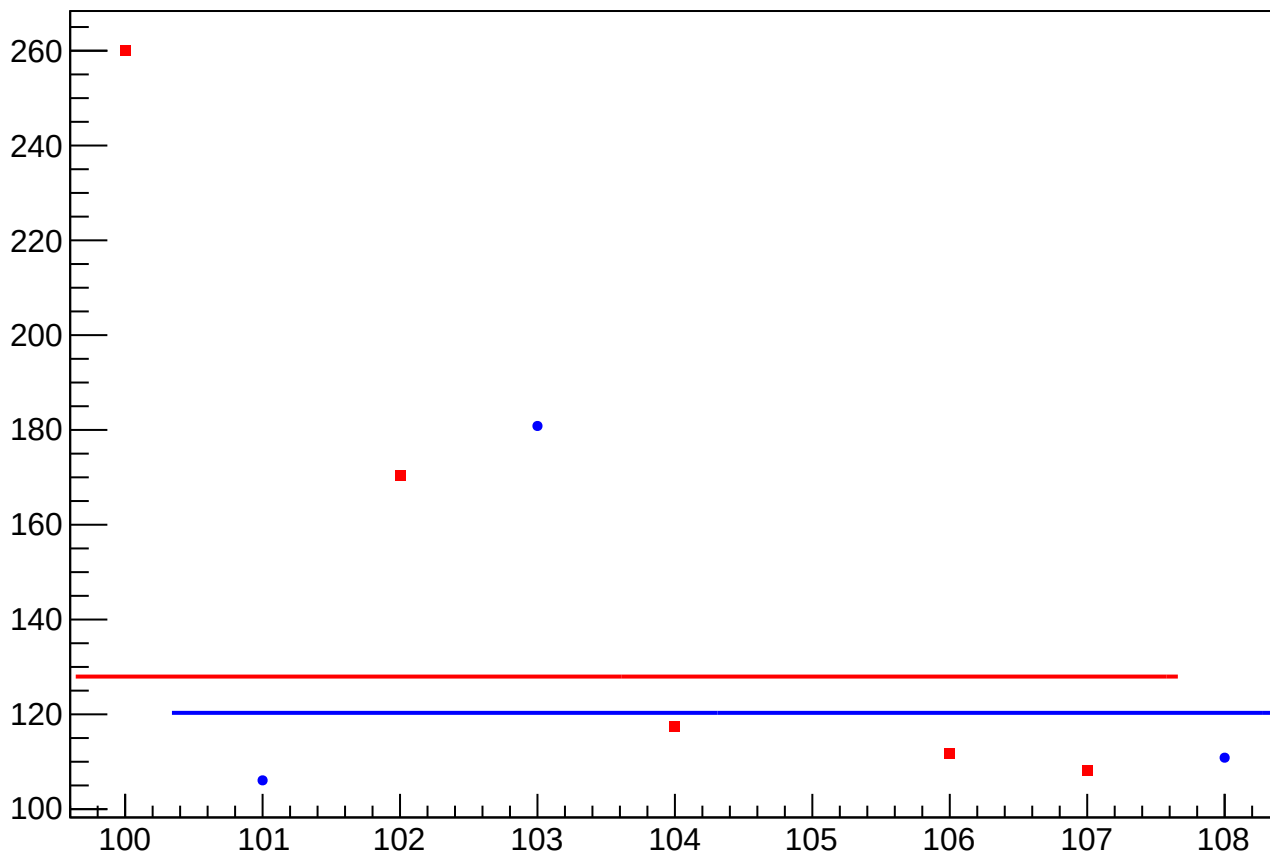
Right: 193.252 $\pm$ 70.894 χ^2 /NDF: 3.8/7

In: 146.412 $\pm$ 97.995 χ^2 /NDF: 1.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 193.252 $\pm$ 70.894 χ^2 /NDF: 3.8/7

eigen_cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 120.315+/-0.069 χ^2/NDF : 159435.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.969+/-0.073 χ^2/NDF : 147596.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

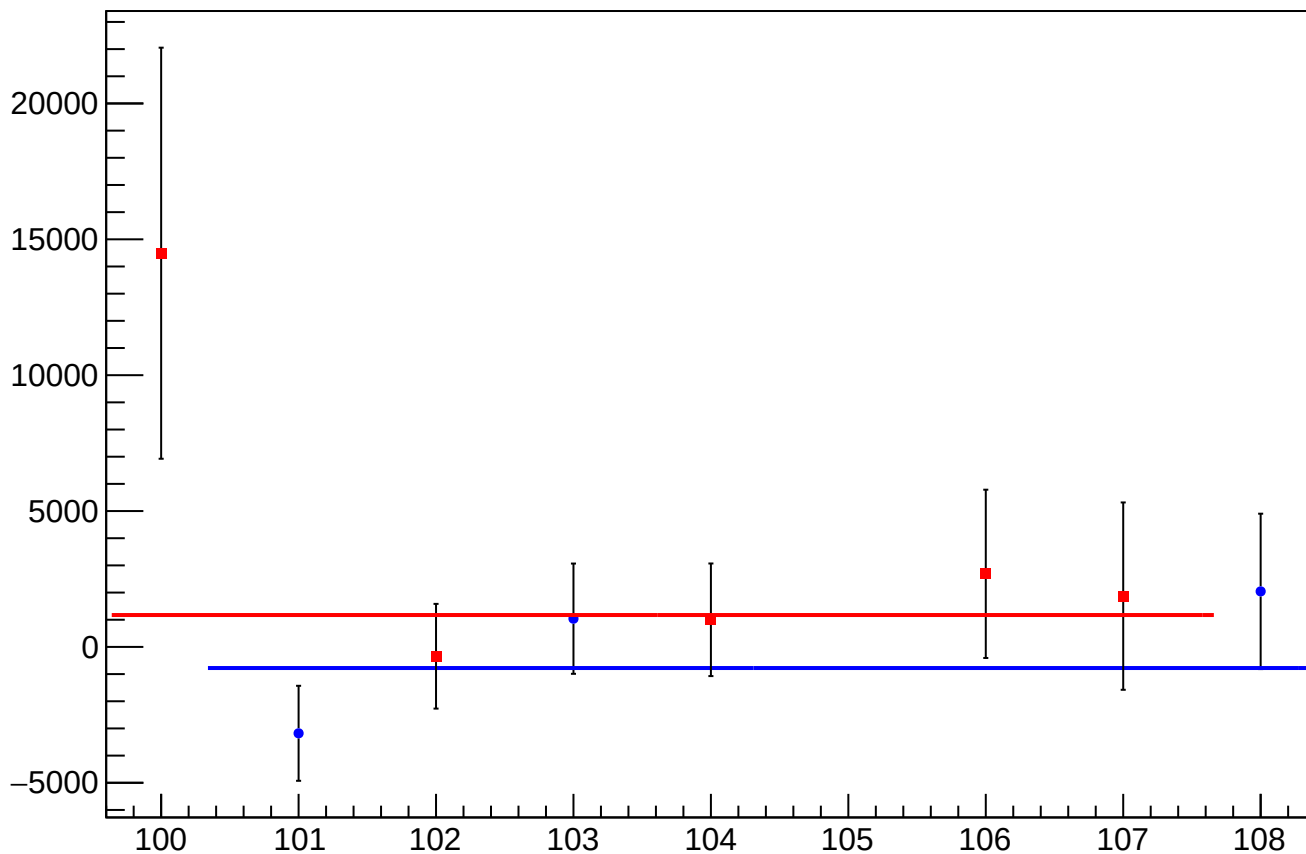
Right: 123.963+/-0.050 χ^2/NDF : 312847.1/7

In: 120.315+/-0.069 χ^2/NDF : 159435.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.963+/-0.050 χ^2/NDF : 312847.1/7

asym_sam_2468_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -776.915+/-1201.687 χ^2/NDF : 3.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1173.539+/-1188.271 χ^2/NDF : 4.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

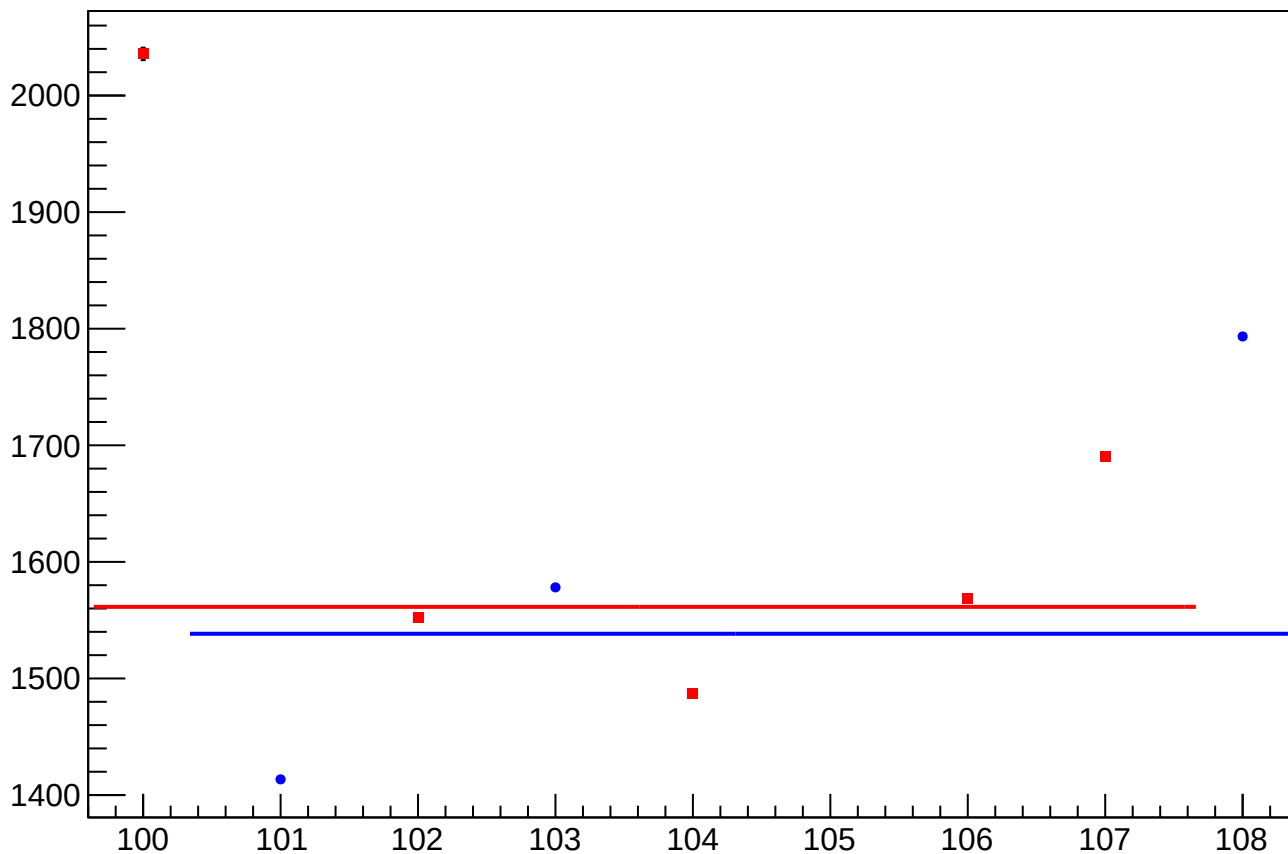
Right: 209.261+/-844.938 χ^2/NDF : 9.0/7

In: -776.915+/-1201.687 χ^2/NDF : 3.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 209.261+/-844.938 χ^2/NDF : 9.0/7

asym_sam_2468_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1538.343+/-0.850 χ^2/NDF : 26886.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1561.445+/-0.840 χ^2/NDF : 13316.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

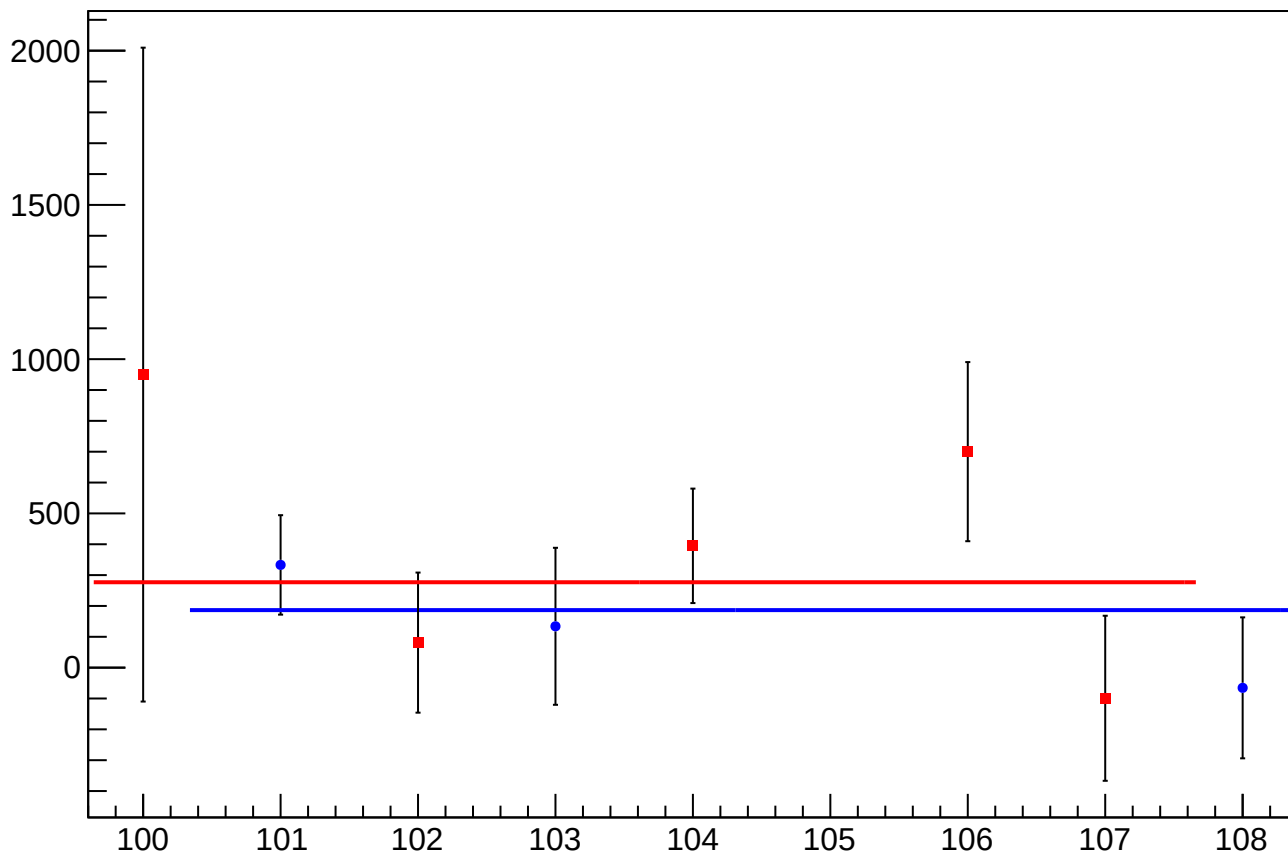
Right: 1550.024+/-0.597 χ^2/NDF : 40576.1/7

In: 1538.343+/-0.850 χ^2/NDF : 26886.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1550.024+/-0.597 χ^2/NDF : 40576.1/7

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 186.518 $\pm$ 116.984 χ^2 /NDF: 2.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 276.841 $\pm$ 115.333 χ^2 /NDF: 5.7/4

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

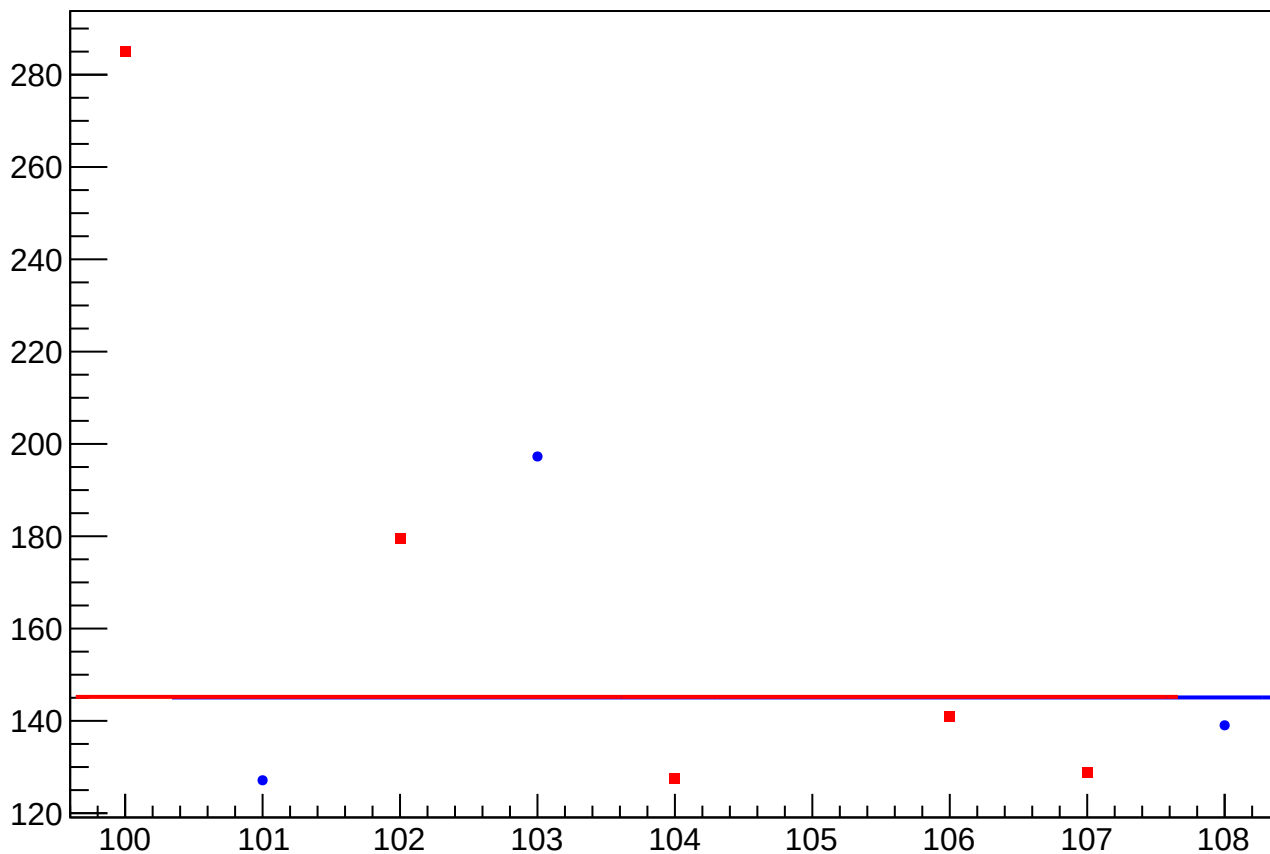
Right: 232.322 $\pm$ 82.130 χ^2 /NDF: 8.0/7

In: 186.518 $\pm$ 116.984 χ^2 /NDF:2.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 232.322 $\pm$ 82.130 χ^2 /NDF: 8.0/7

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 145.075+/-0.083 χ^2/NDF : 110339.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.198+/-0.082 χ^2/NDF : 106838.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

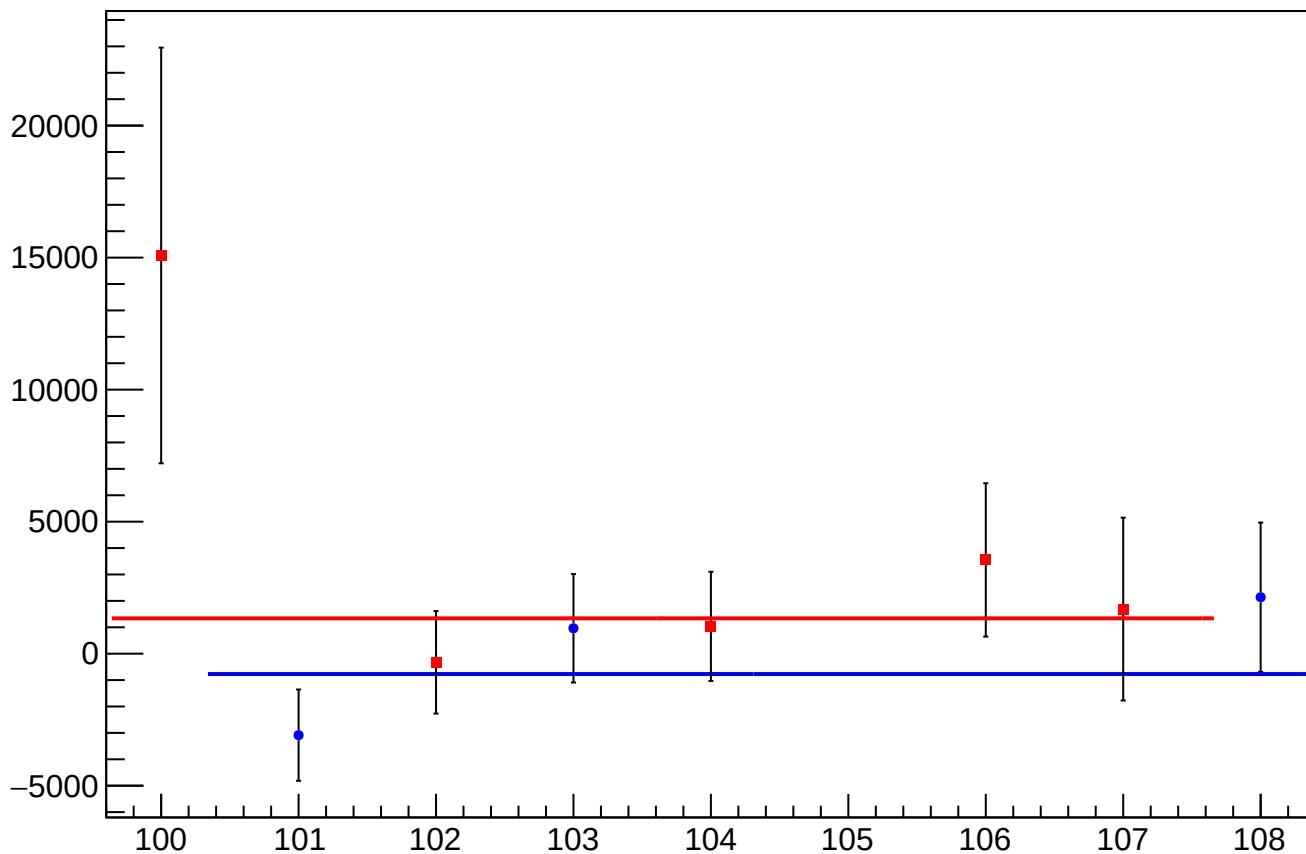
Right: 145.137+/-0.058 χ^2/NDF : 217178.2/7

In: 145.075+/-0.083 χ^2/NDF : 110339.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.137+/-0.058 χ^2/NDF : 217178.2/7

asym_sam_2468_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -771.102+/-1197.990 χ^2/NDF : 3.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1338.598+/-1180.375 χ^2/NDF : 4.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

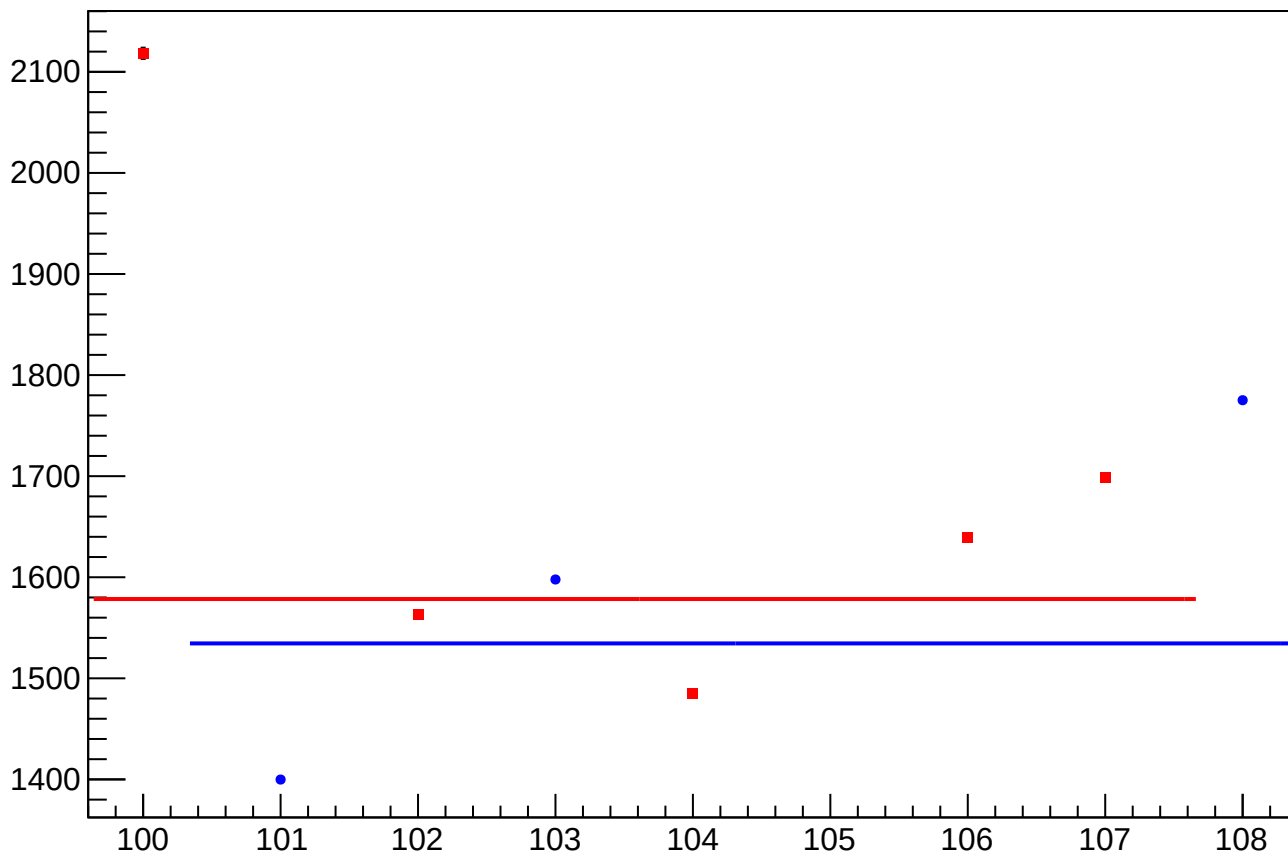
Right: 299.372+/-840.810 χ^2/NDF : 9.5/7

In: -771.102+/-1197.990 χ^2/NDF : 3.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 299.372+/-840.810 χ^2/NDF : 9.5/7

asym_sam_2468_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1534.538 $\pm$ 0.847 χ^2 /NDF: 28518.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1578.458 $\pm$ 0.835 χ^2 /NDF: 16906.9/4

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

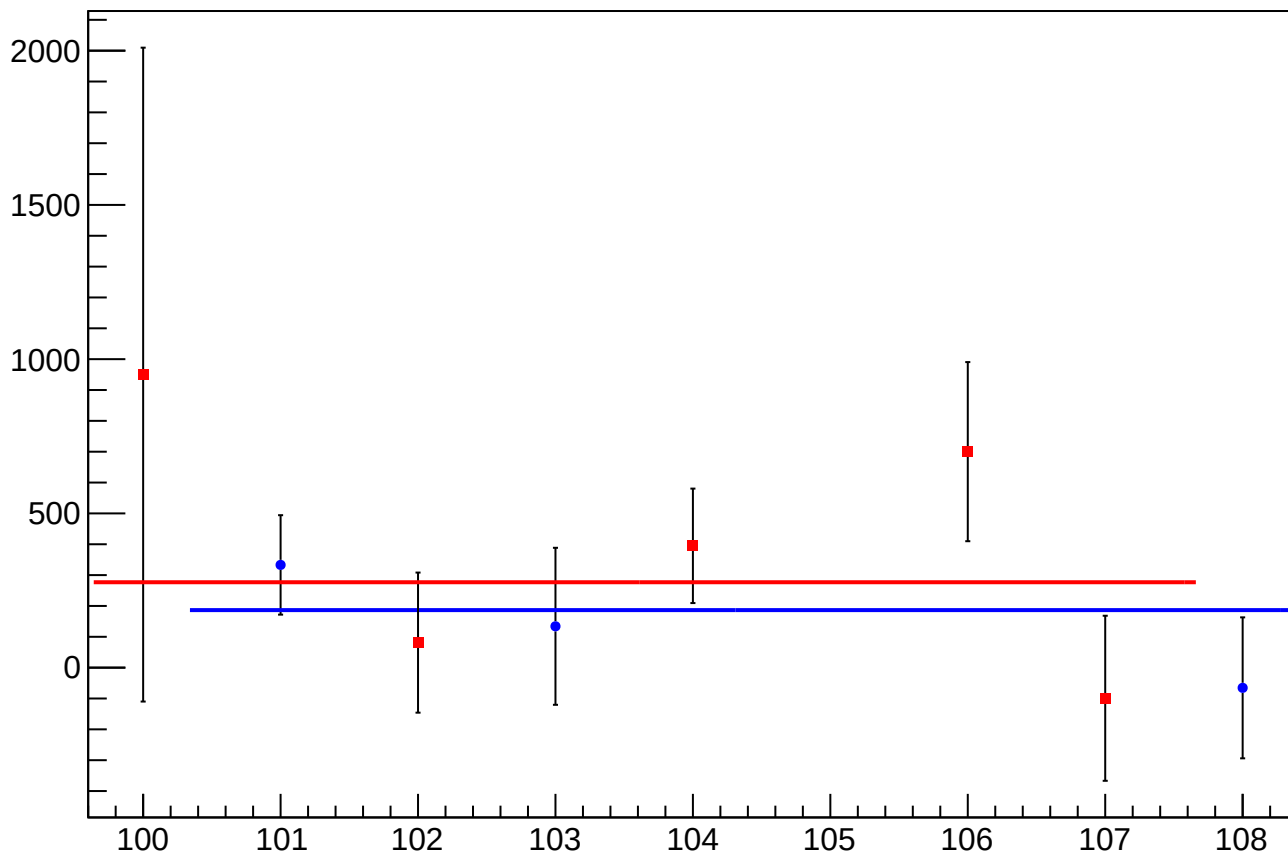
Right: 1556.823 $\pm$ 0.595 χ^2 /NDF: 46789.6/7

In: 1534.538 $\pm$ 0.847 χ^2 /NDF:28518.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1556.823 $\pm$ 0.595 χ^2 /NDF: 46789.6/7

eigen_dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 186.517 $\pm$ 116.985 χ^2 /NDF: 2.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 276.845 $\pm$ 115.333 χ^2 /NDF: 5.7/4

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

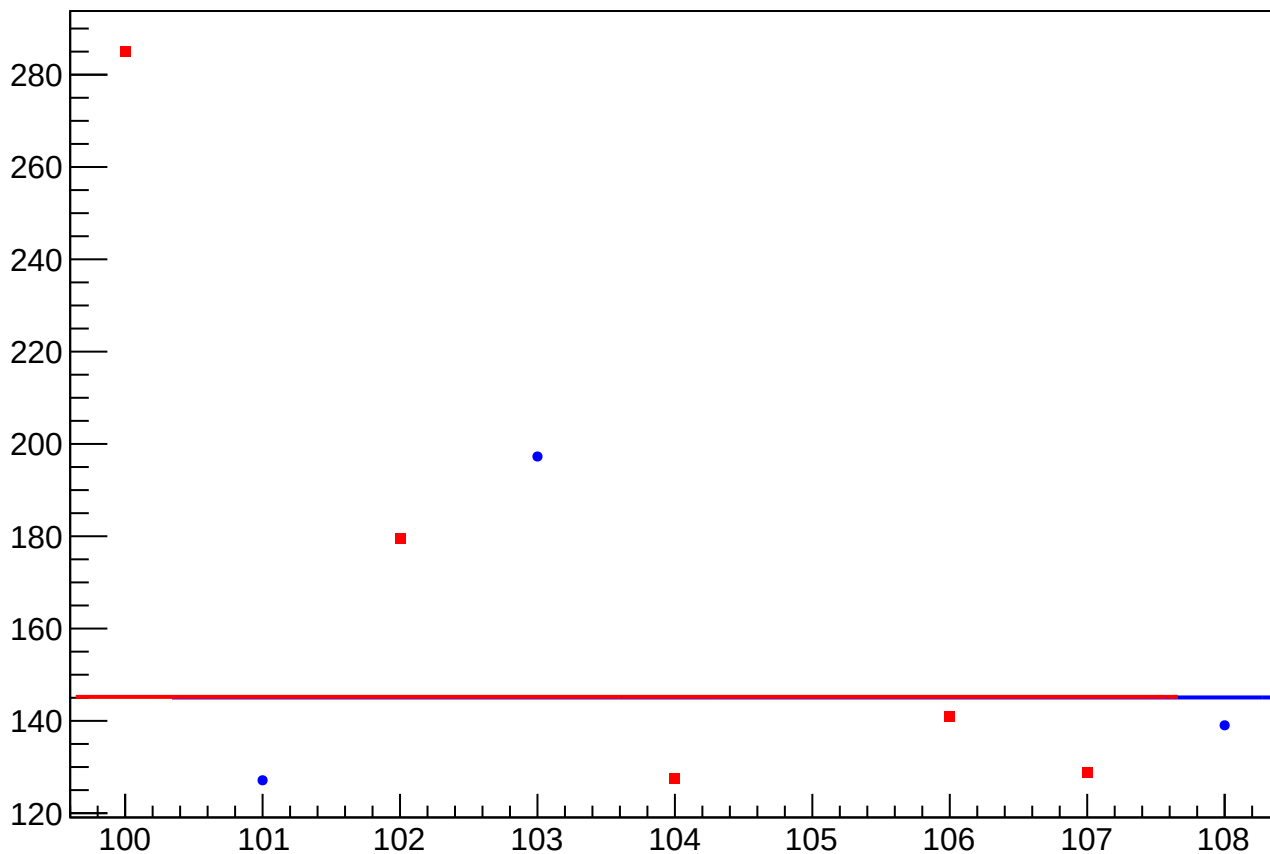
Right: 232.323 $\pm$ 82.130 χ^2 /NDF: 8.0/7

In: 186.517 $\pm$ 116.985 χ^2 /NDF:2.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 232.323 $\pm$ 82.130 χ^2 /NDF: 8.0/7

eigen_dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 145.075+/-0.083 χ^2/NDF : 110335.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.198+/-0.082 χ^2/NDF : 106837.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

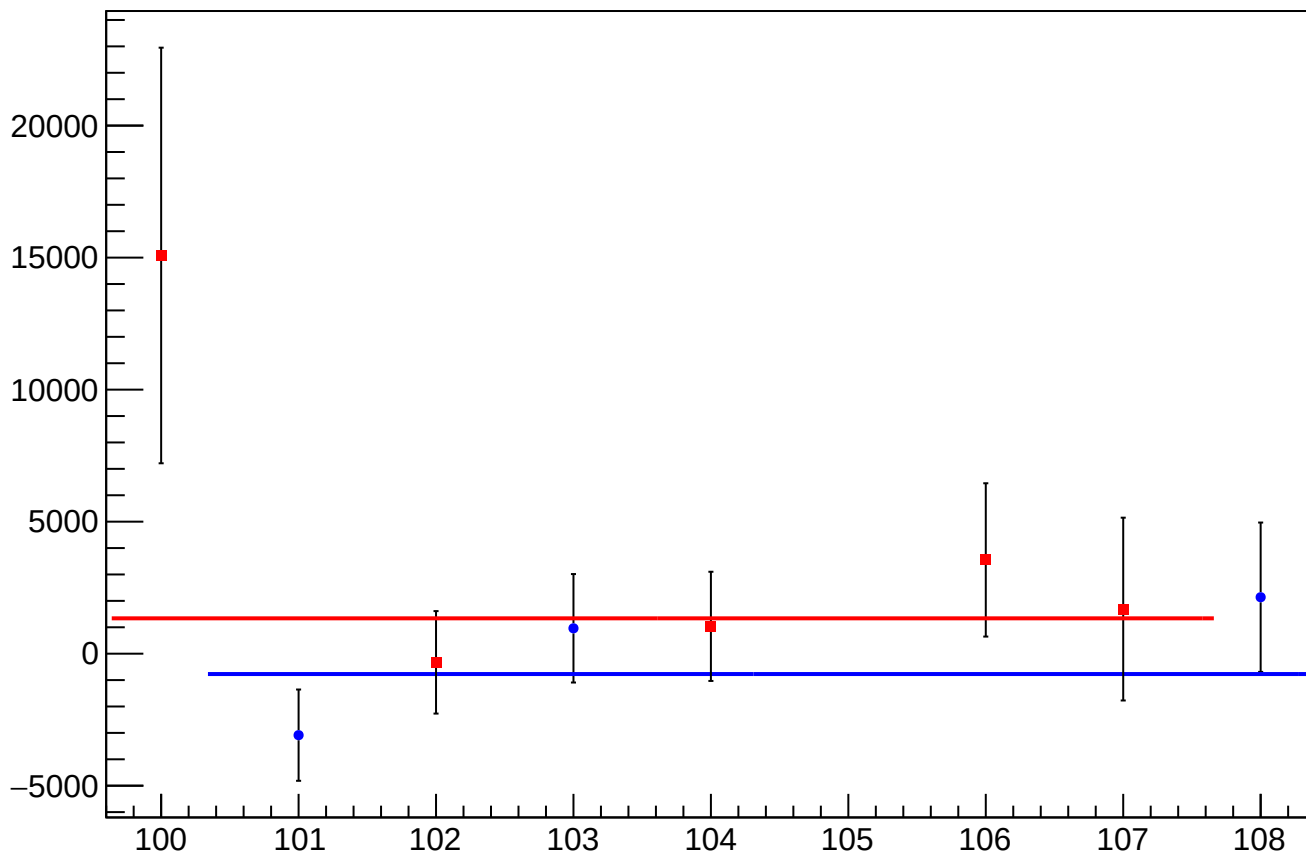
Right: 145.137+/-0.058 χ^2/NDF : 217173.7/7

In: 145.075+/-0.083 χ^2/NDF : 110335.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.137+/-0.058 χ^2/NDF : 217173.7/7

asym_sam_2468_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -771.102+/-1197.988 χ^2/NDF : 3.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1338.597+/-1180.373 χ^2/NDF : 4.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

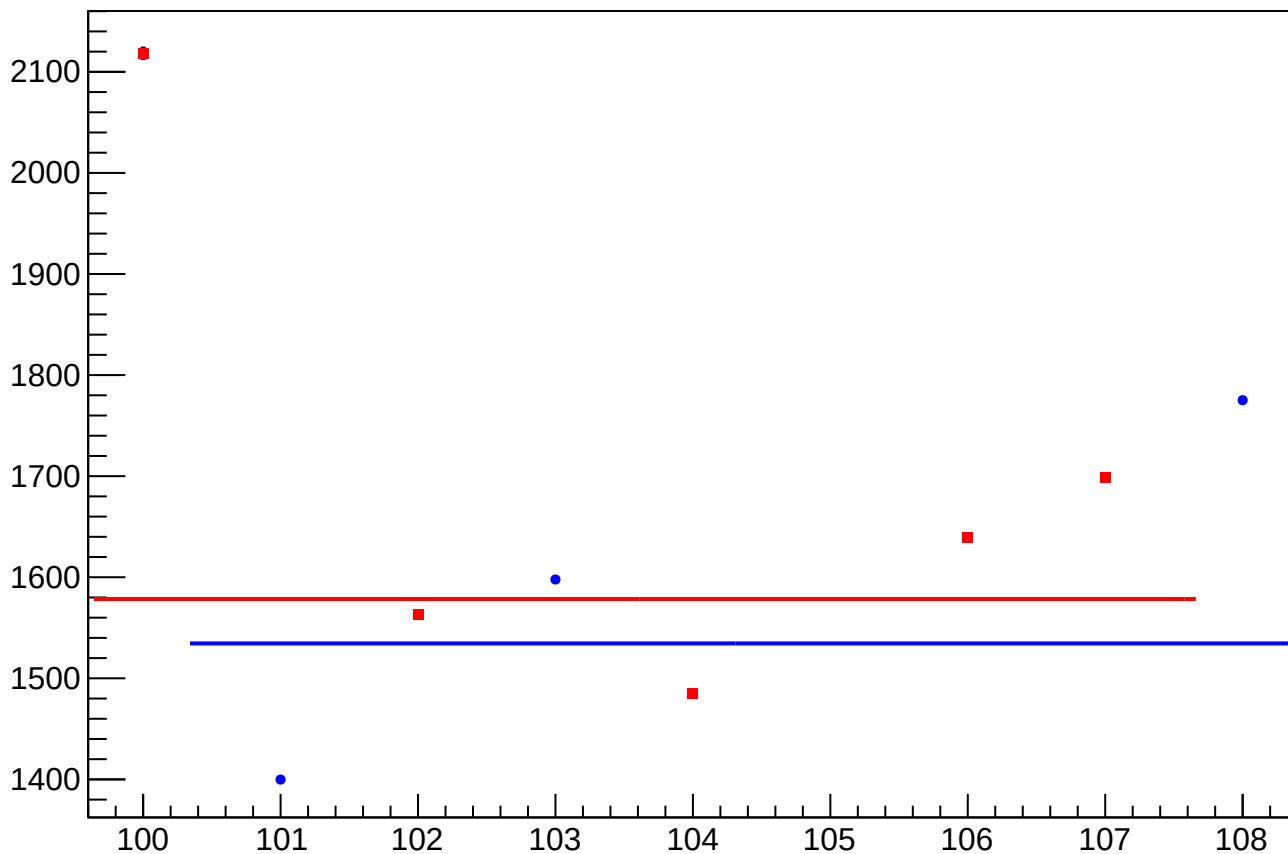
Right: 299.371+/-840.808 χ^2/NDF : 9.5/7

In: -771.102+/-1197.988 χ^2/NDF : 3.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 299.371+/-840.808 χ^2/NDF : 9.5/7

asym_sam_2468_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1534.536+/-0.847 χ^2/NDF : 28518.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1578.455+/-0.835 χ^2/NDF : 16907.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

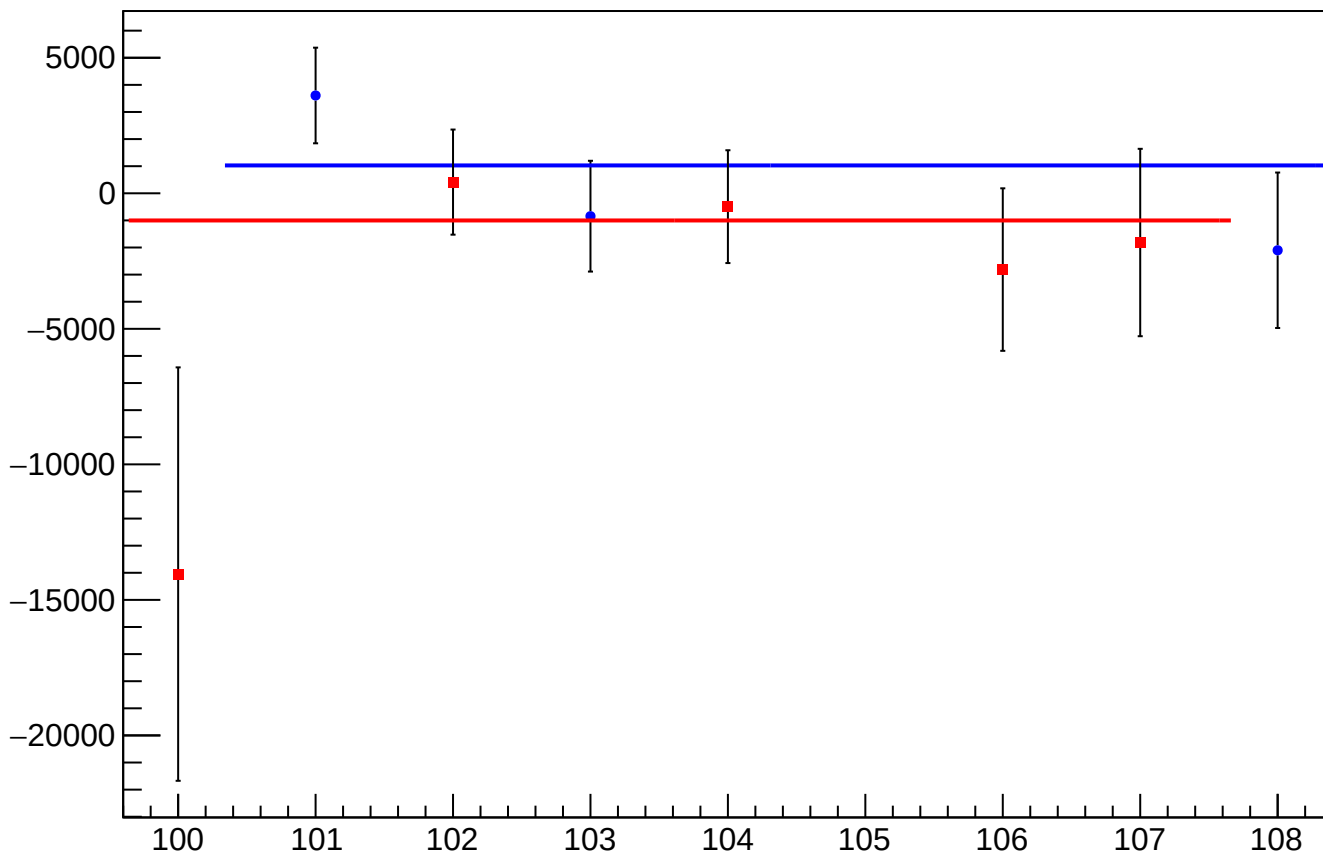
Right: 1556.820+/-0.595 χ^2/NDF : 46789.7/7

In: 1534.536+/-0.847 χ^2/NDF : 28518.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1556.820+/-0.595 χ^2/NDF : 46789.7/7

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 1028.117+/-1210.521 χ^2/NDF : 4.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1002.328+/-1187.515 χ^2/NDF : 3.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

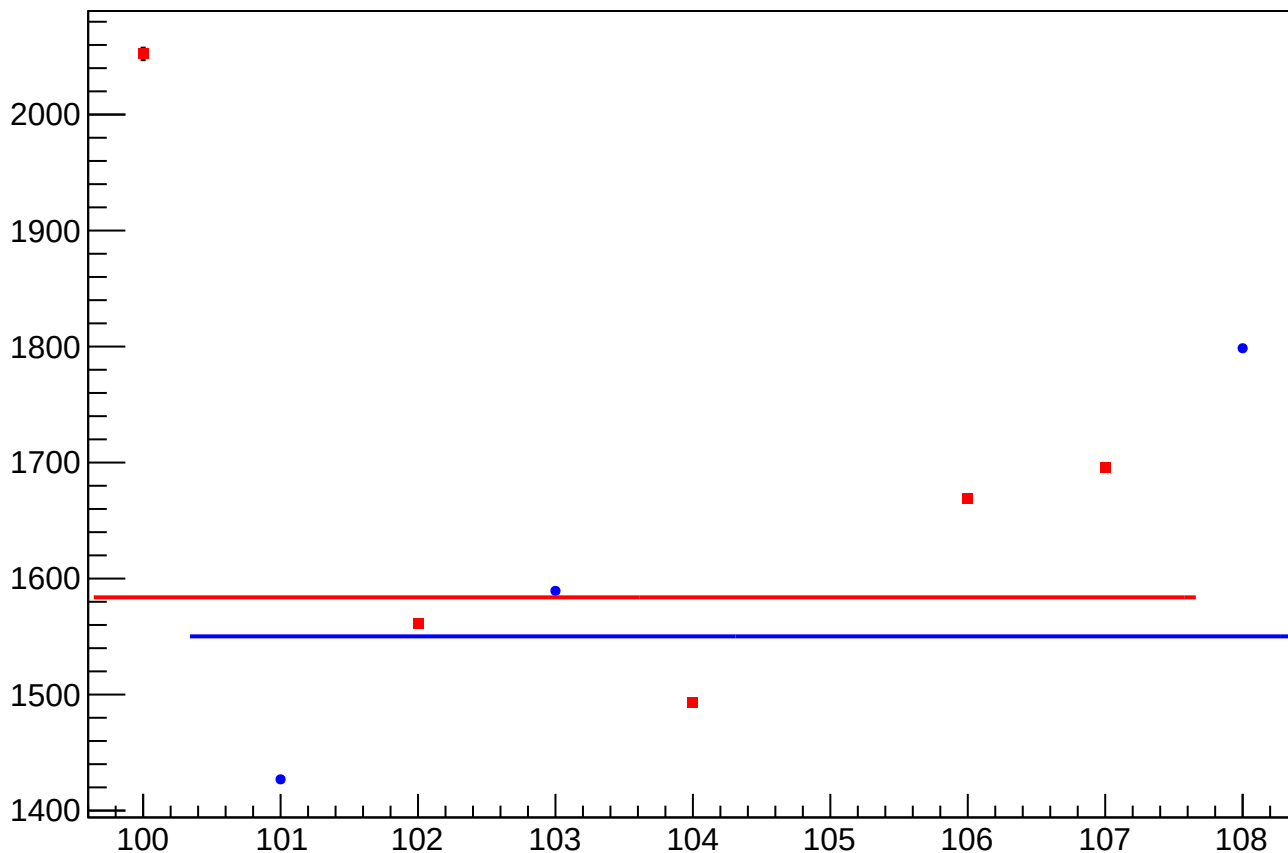
Right: -6.583+/-847.717 χ^2/NDF : 9.5/7

In: 1028.117+/-1210.521 χ^2/NDF : 4.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.583+/-847.717 χ^2/NDF : 9.5/7

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1550.169+/-0.856 χ^2/NDF : 25507.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1583.808+/-0.840 χ^2/NDF : 15281.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

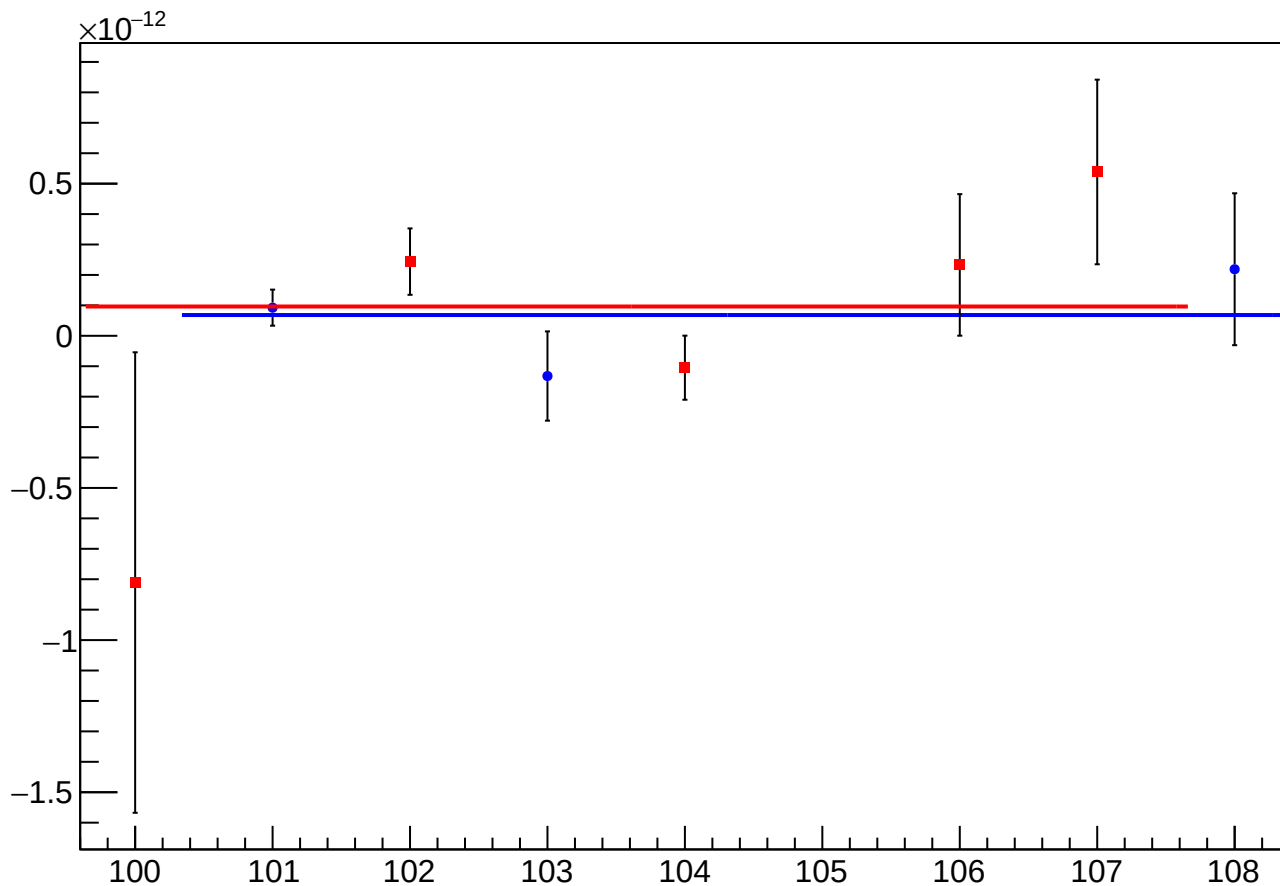
Right: 1567.311+/-0.599 χ^2/NDF : 41575.6/7

In: 1550.169+/-0.856 χ^2/NDF : 25507.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1567.311+/-0.599 χ^2/NDF : 41575.6/7

asym_sam_2468_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

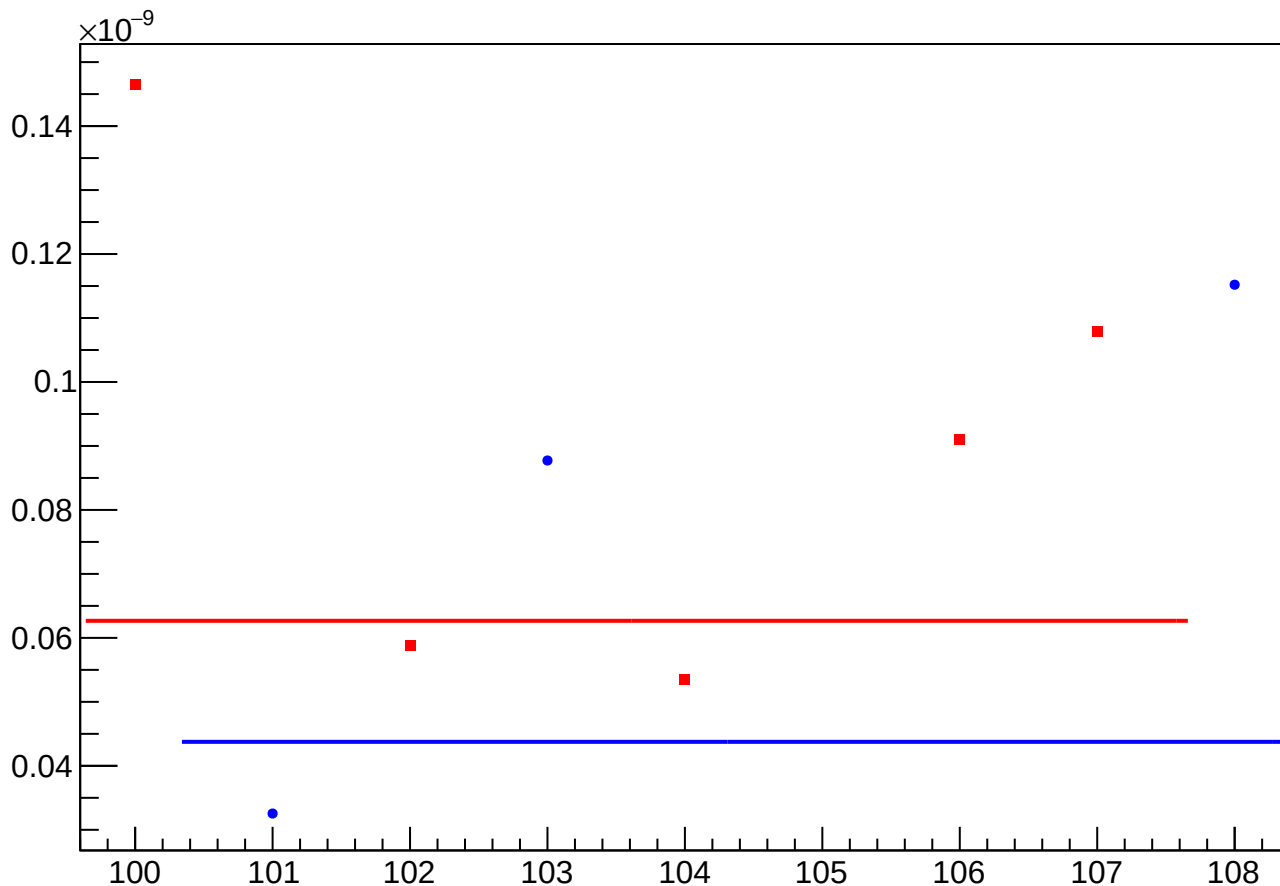
Right: 0.000+/-0.000 χ^2/NDF : 11.9/7

In: 0.000+/-0.000 χ^2/NDF : 2.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.9/7

asym_sam_2468_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 415232.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 116540.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

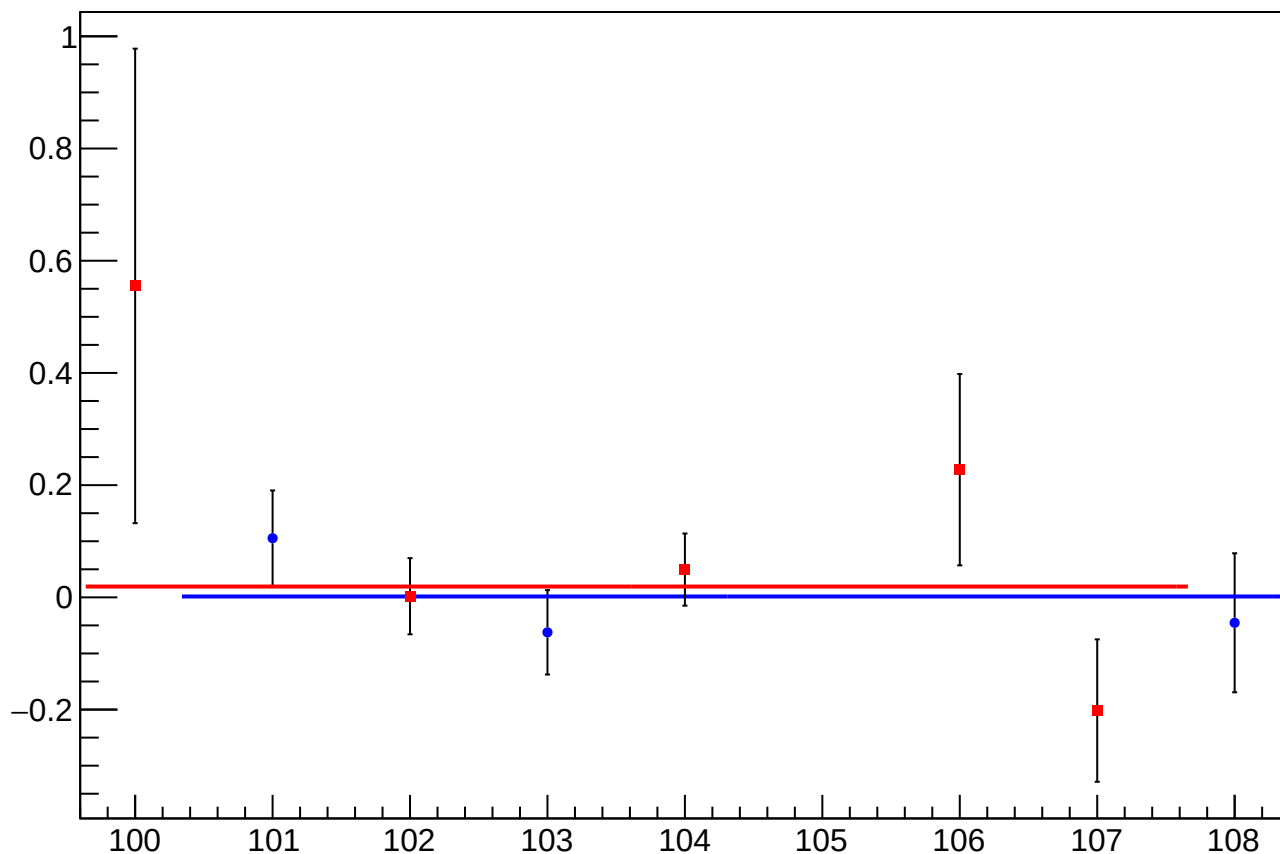
Right: 0.000+/-0.000 χ^2/NDF : 624094.4/7

In: 0.000+/-0.000 χ^2/NDF : 415232.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 624094.4/7

asym_sam_2468_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.051 χ^2 /NDF: 2.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.019 $\pm$ 0.042 χ^2 /NDF: 6.4/4

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

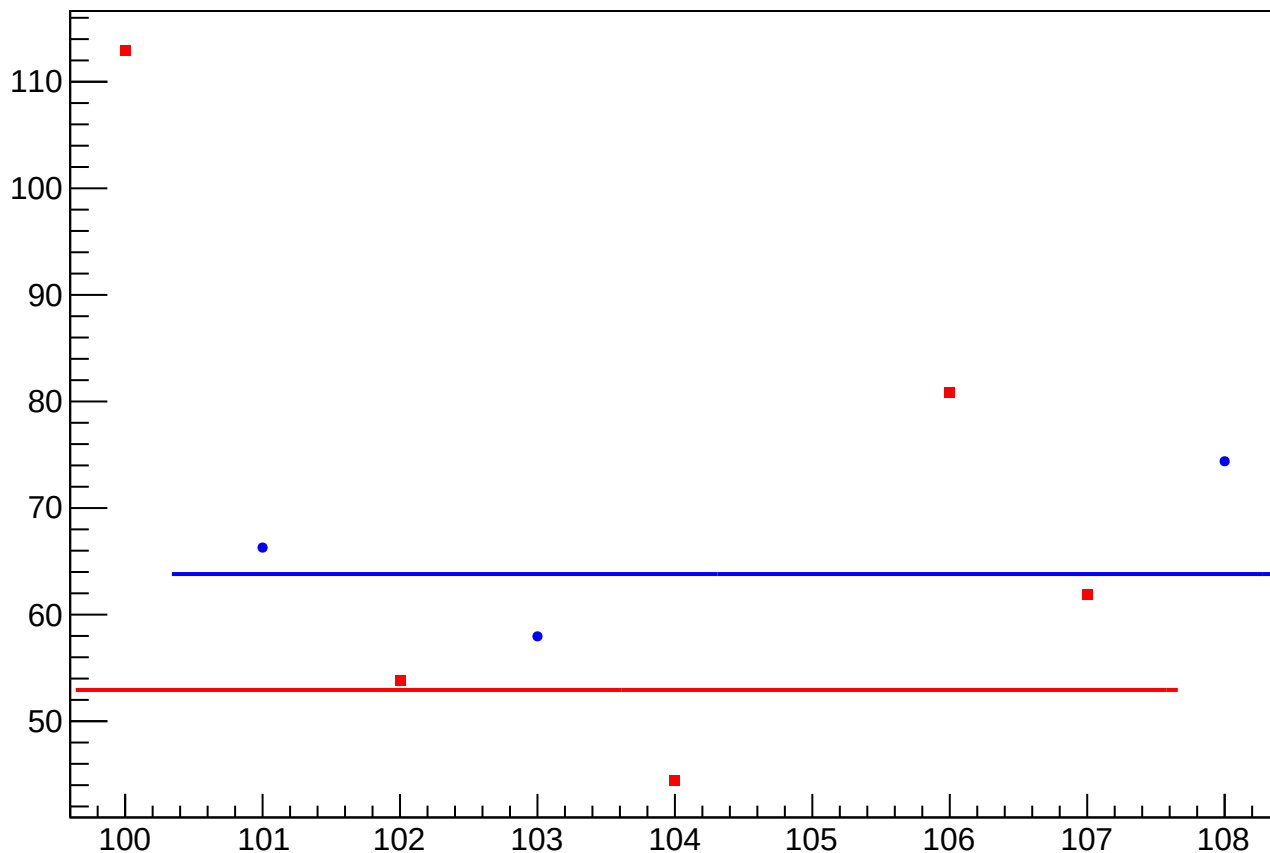
Right: 0.012 $\pm$ 0.033 χ^2 /NDF: 8.8/7

In: 0.002 $\pm$ 0.051 χ^2 /NDF:2.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.012 $\pm$ 0.033 χ^2 /NDF: 8.8/7

asym_sam_2468_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.807+/-0.036 χ^2/NDF : 28361.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.932+/-0.030 χ^2/NDF : 138827.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

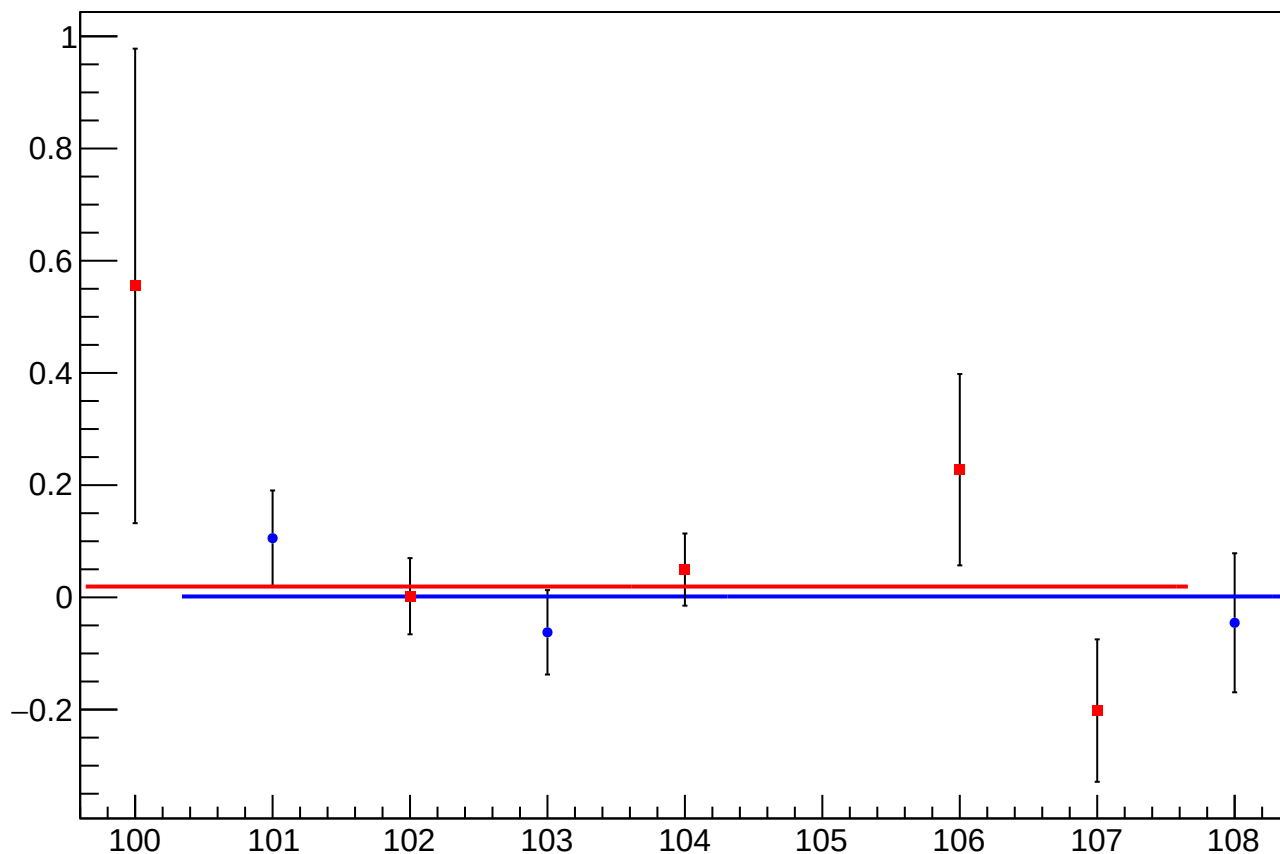
Right: 57.324+/-0.023 χ^2/NDF : 220775.6/7

In: 63.807+/-0.036 χ^2/NDF : 28361.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.324+/-0.023 χ^2/NDF : 220775.6/7

asym_sam_2468_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.051 χ^2 /NDF: 2.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.019 $\pm$ 0.042 χ^2 /NDF: 6.4/4

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

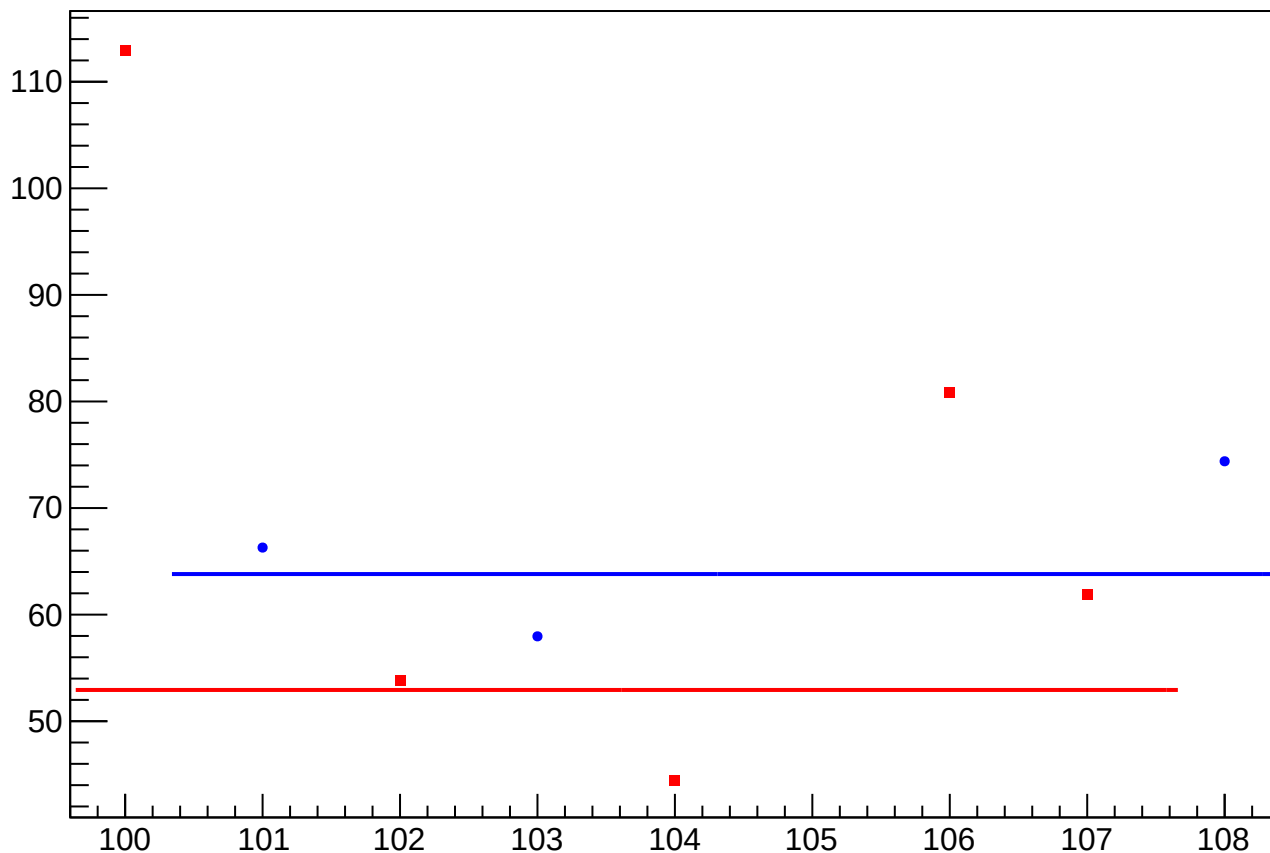
Right: 0.012 $\pm$ 0.033 χ^2 /NDF: 8.8/7

In: 0.002 $\pm$ 0.051 χ^2 /NDF:2.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.012 $\pm$ 0.033 χ^2 /NDF: 8.8/7

asym_sam_2468_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.807 ± 0.036 $\chi^2/\text{NDF}: 28361.8/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 52.932 ± 0.030 $\chi^2/\text{NDF}: 138827.0/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

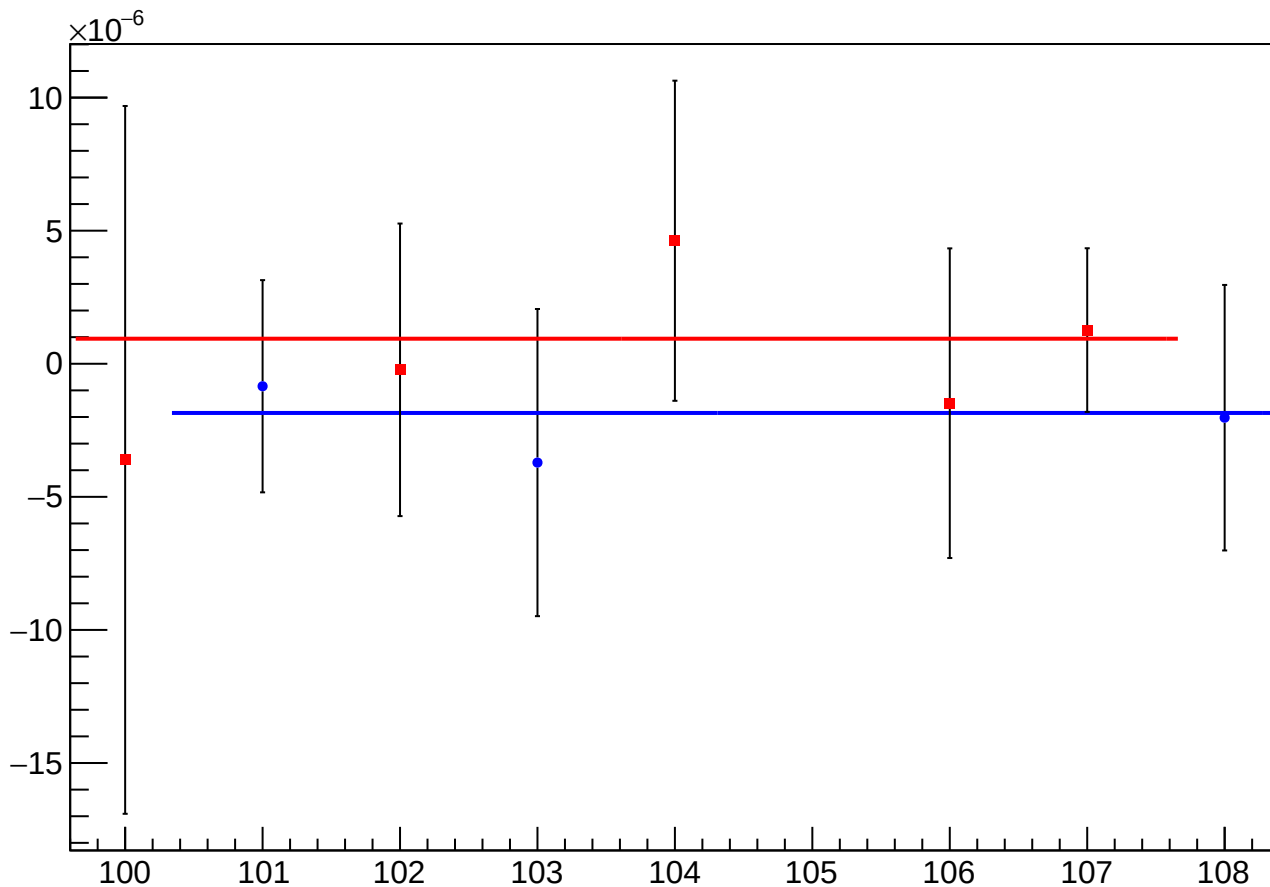
Right: 57.324 ± 0.023 $\chi^2/\text{NDF}: 220775.6/7$

In: 63.807 ± 0.036 $\chi^2/\text{NDF}: 28361.8/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 57.324 ± 0.023 $\chi^2/\text{NDF}: 220775.6/7$

asym_sam_2468_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

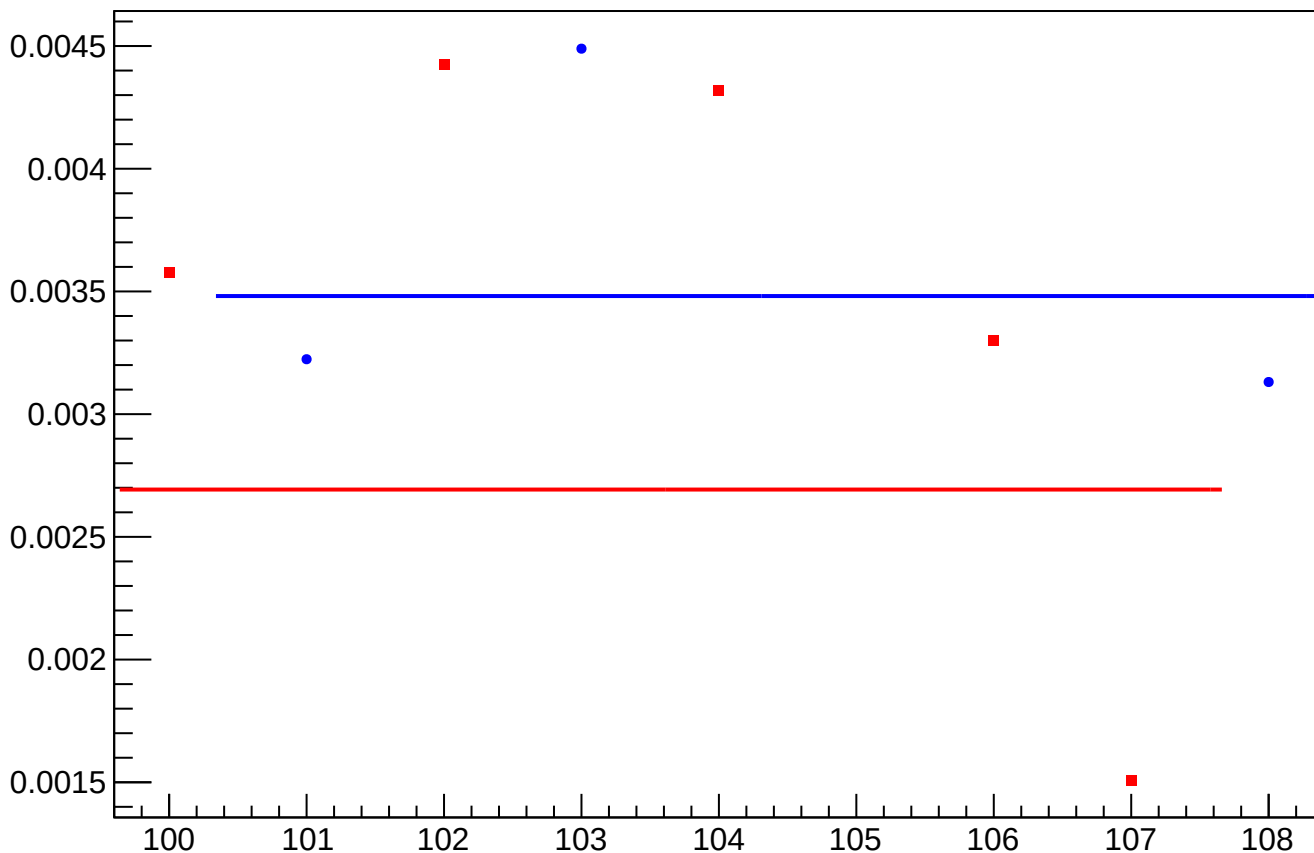
Right: -0.000+/-0.000 χ^2/NDF : 1.5/7

In: -0.000+/-0.000 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1.5/7

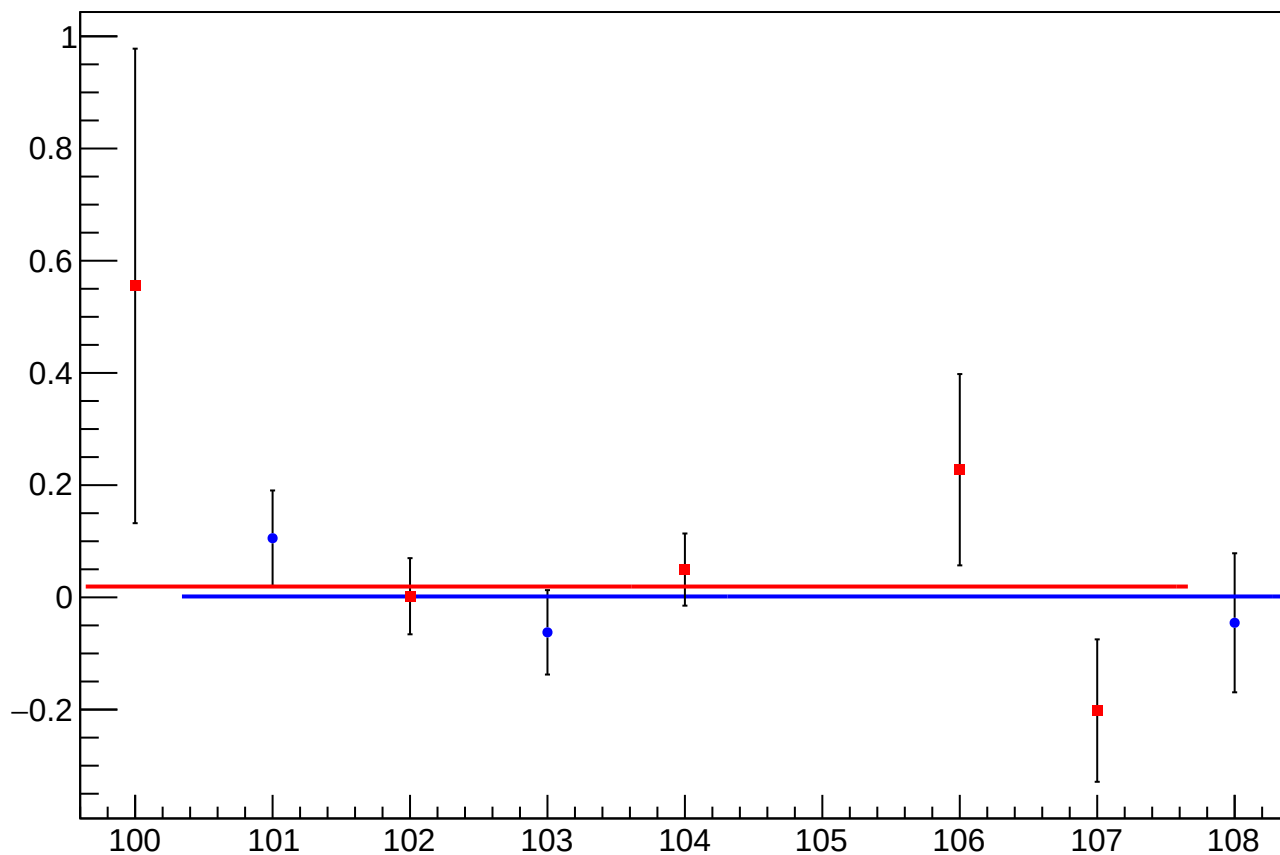
asym_sam_2468_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 79223.9/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.003+/-0.000 χ^2/NDF : 672809.9/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.003+/-0.000 χ^2/NDF : 851764.3/7
 In: 0.003+/-0.000 χ^2/NDF : 79223.9/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.003+/-0.000 χ^2/NDF : 851764.3/7

asym_sam_2468_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.051 χ^2 /NDF: 2.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.019 $\pm$ 0.042 χ^2 /NDF: 6.4/4

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

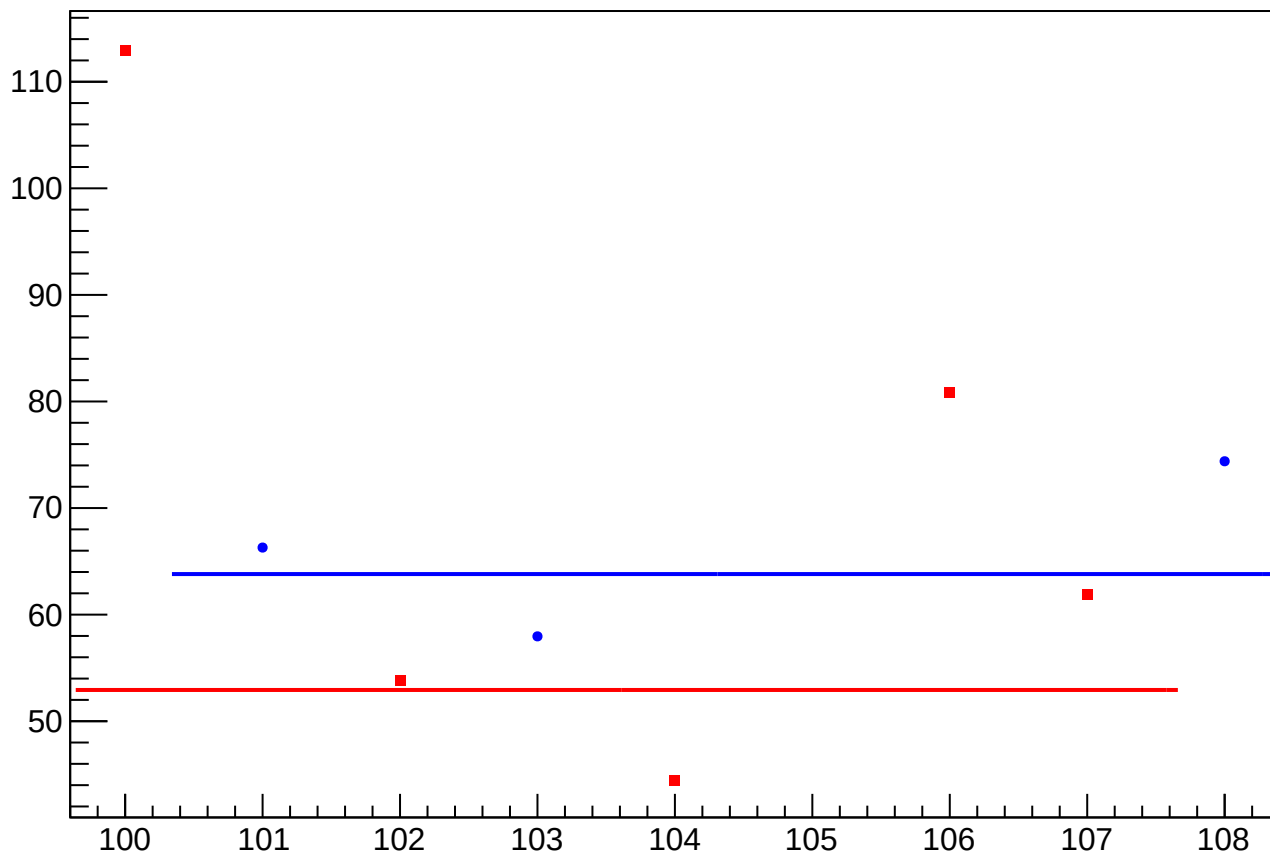
Right: 0.012 $\pm$ 0.033 χ^2 /NDF: 8.8/7

In: 0.002 $\pm$ 0.051 χ^2 /NDF:2.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.012 $\pm$ 0.033 χ^2 /NDF: 8.8/7

asym_sam_2468_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.807+/-0.036 χ^2/NDF : 28372.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.931+/-0.030 χ^2/NDF : 138820.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

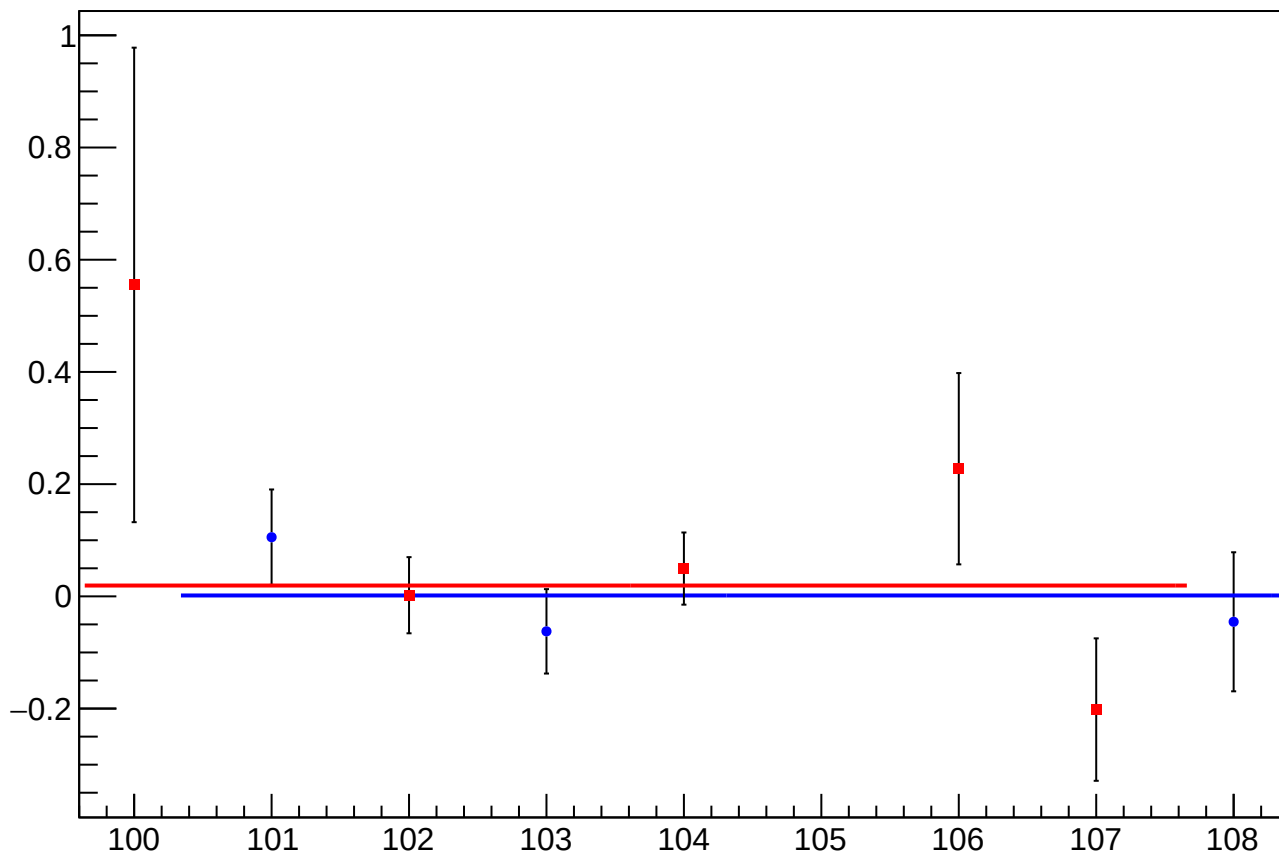
Right: 57.323+/-0.023 χ^2/NDF : 220782.3/7

In: 63.807+/-0.036 χ^2/NDF : 28372.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.323+/-0.023 χ^2/NDF : 220782.3/7

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.051 χ^2 /NDF: 2.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.019 $\pm$ 0.042 χ^2 /NDF: 6.4/4

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

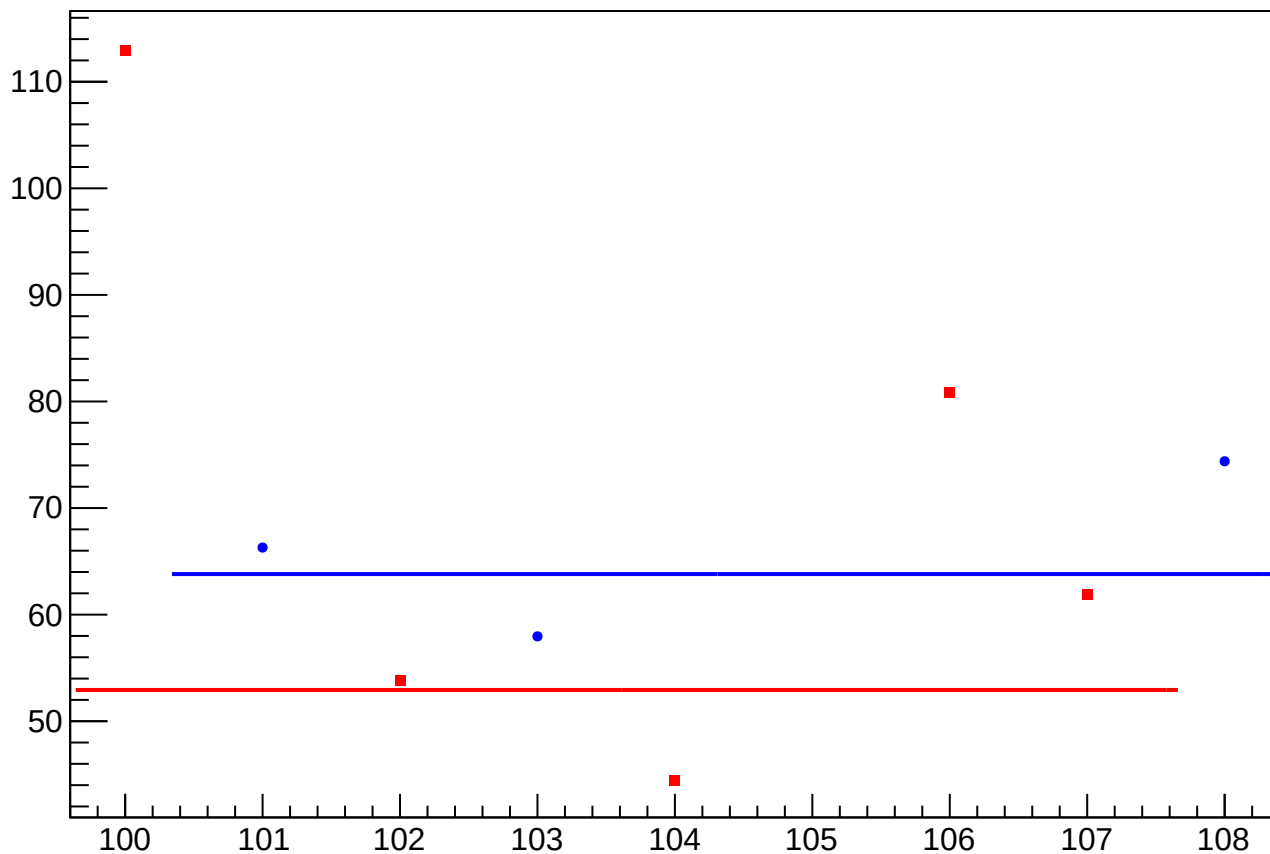
Right: 0.012 $\pm$ 0.033 χ^2 /NDF: 8.8/7

In: 0.002 $\pm$ 0.051 χ^2 /NDF:2.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.012 $\pm$ 0.033 χ^2 /NDF: 8.8/7

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.807+/-0.036 χ^2/NDF : 28372.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.931+/-0.030 χ^2/NDF : 138820.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

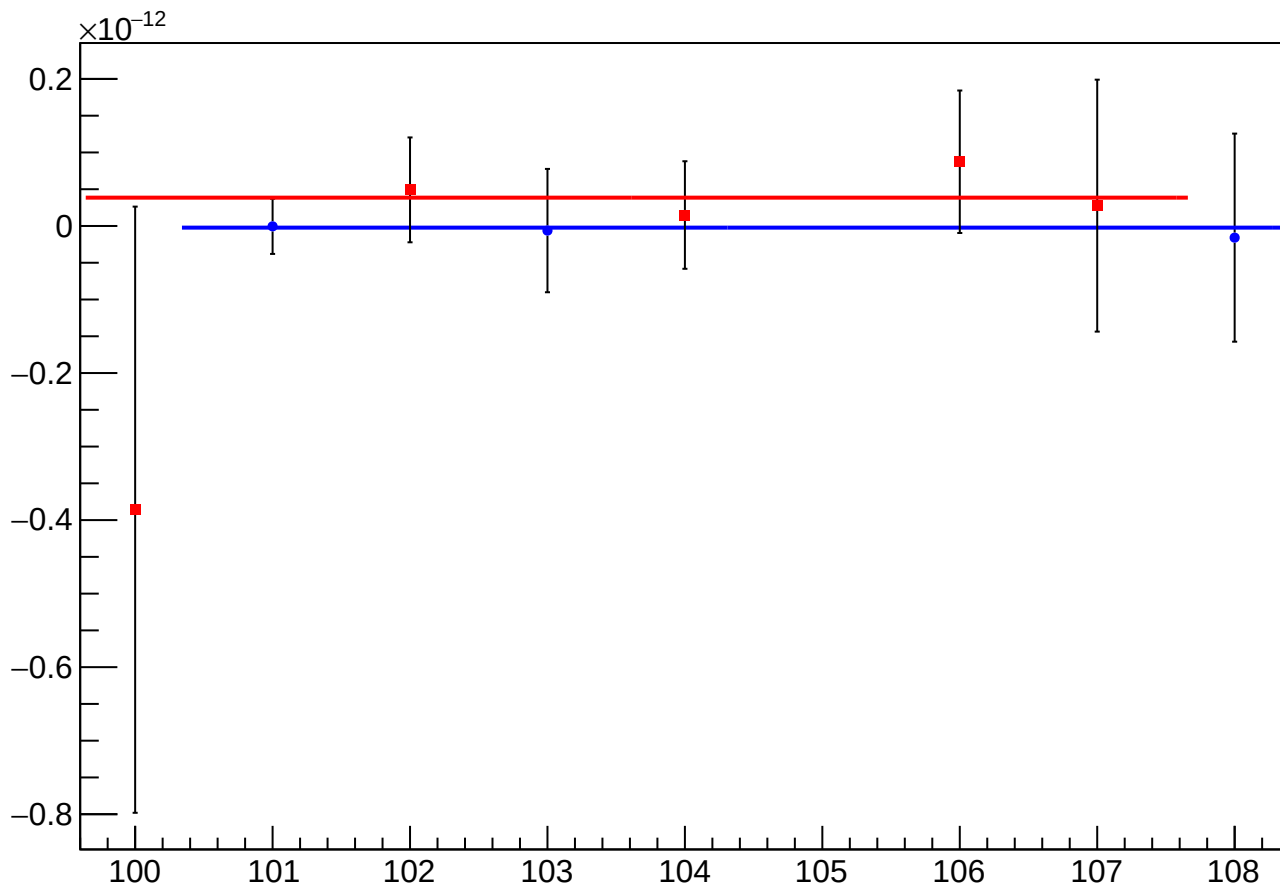
Right: 57.323+/-0.023 χ^2/NDF : 220782.3/7

In: 63.807+/-0.036 χ^2/NDF : 28372.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.323+/-0.023 χ^2/NDF : 220782.3/7

asym_sam_2468_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

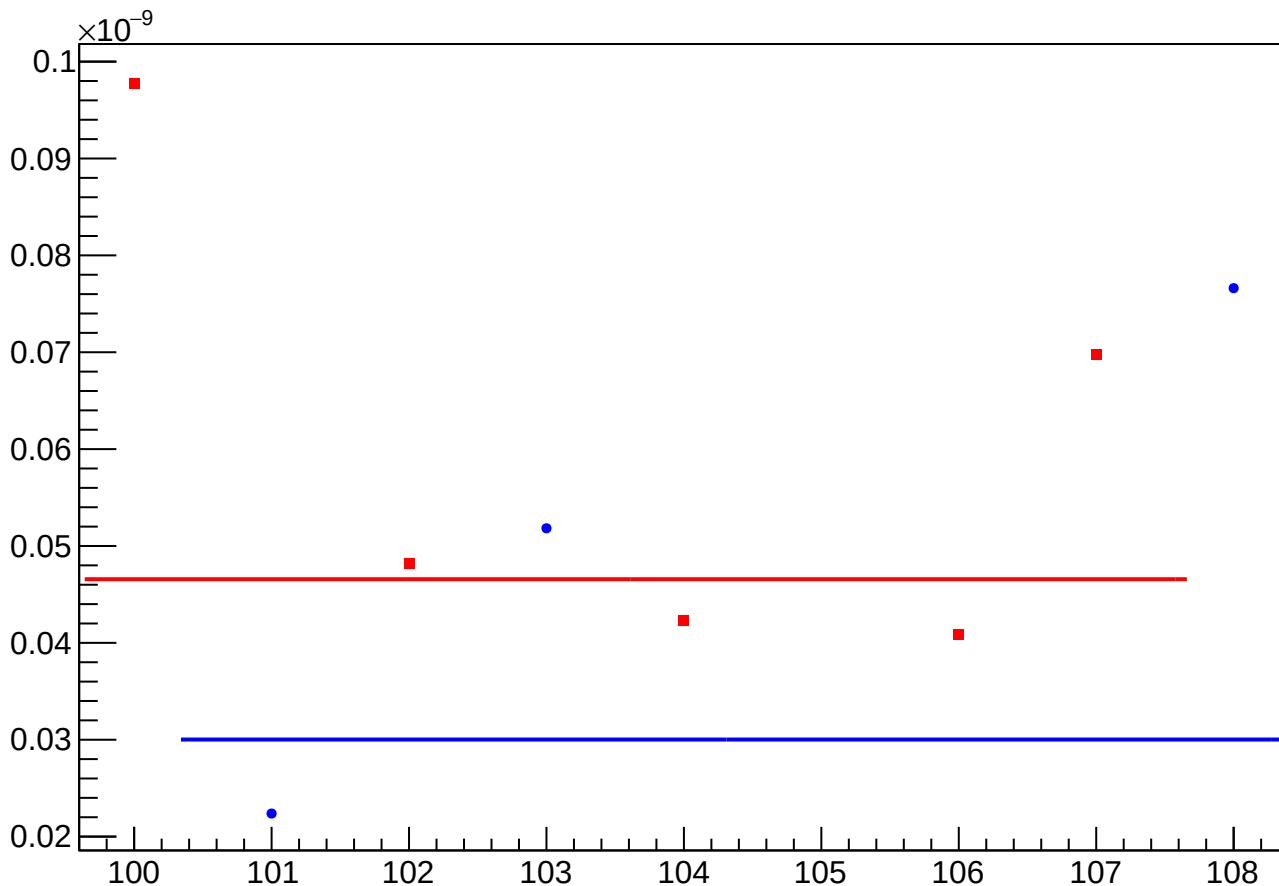
Right: 0.000+/-0.000 χ^2/NDF : 2.0/7

In: -0.000+/-0.000 χ^2/NDF : 0.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2.0/7

asym_sam_2468_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 434969.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 82318.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

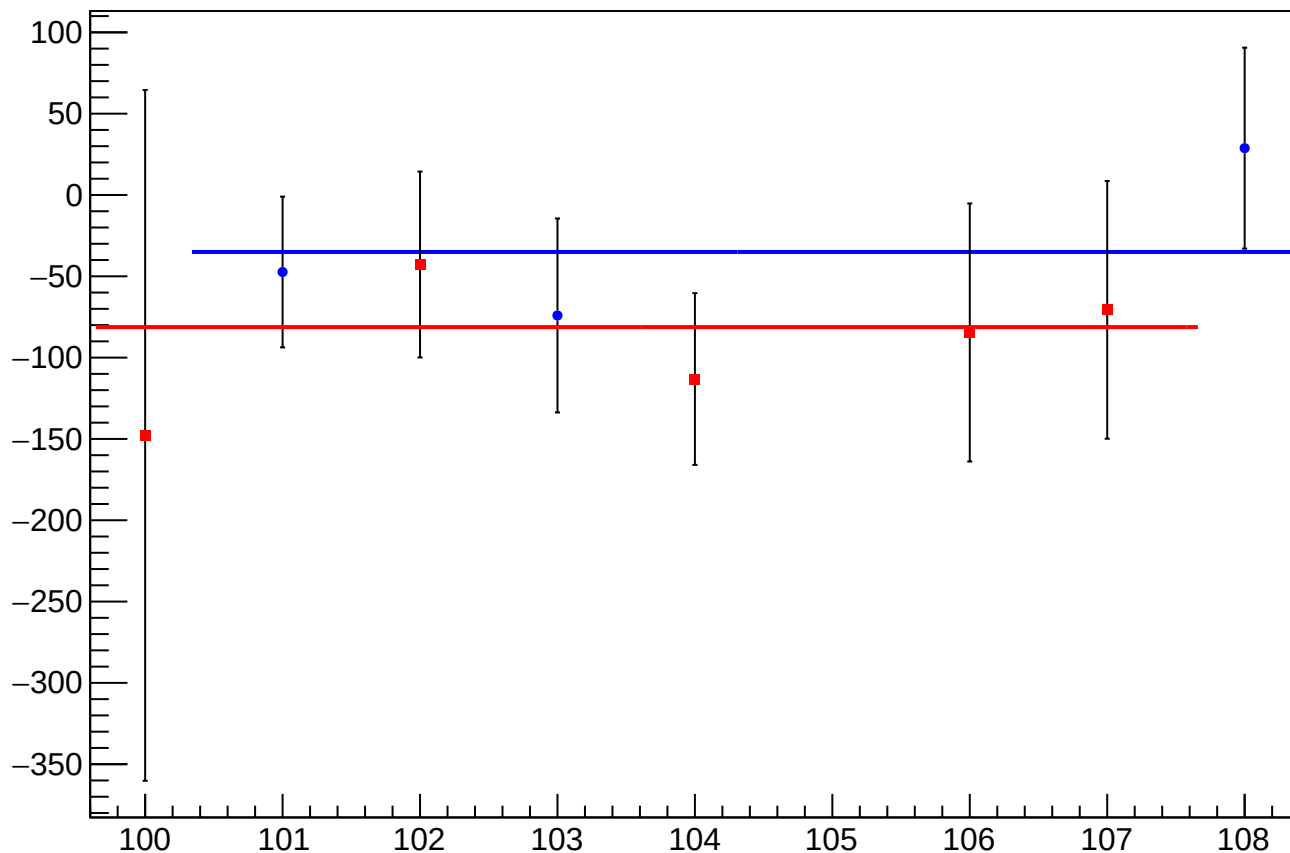
Right: 0.000+/-0.000 χ^2/NDF : 700250.8/7

In: 0.000+/-0.000 χ^2/NDF : 434969.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 700250.8/7

reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -35.027 $\pm$ 31.486 χ^2 /NDF: 1.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -81.214 $\pm$ 31.543 χ^2 /NDF: 0.9/4

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

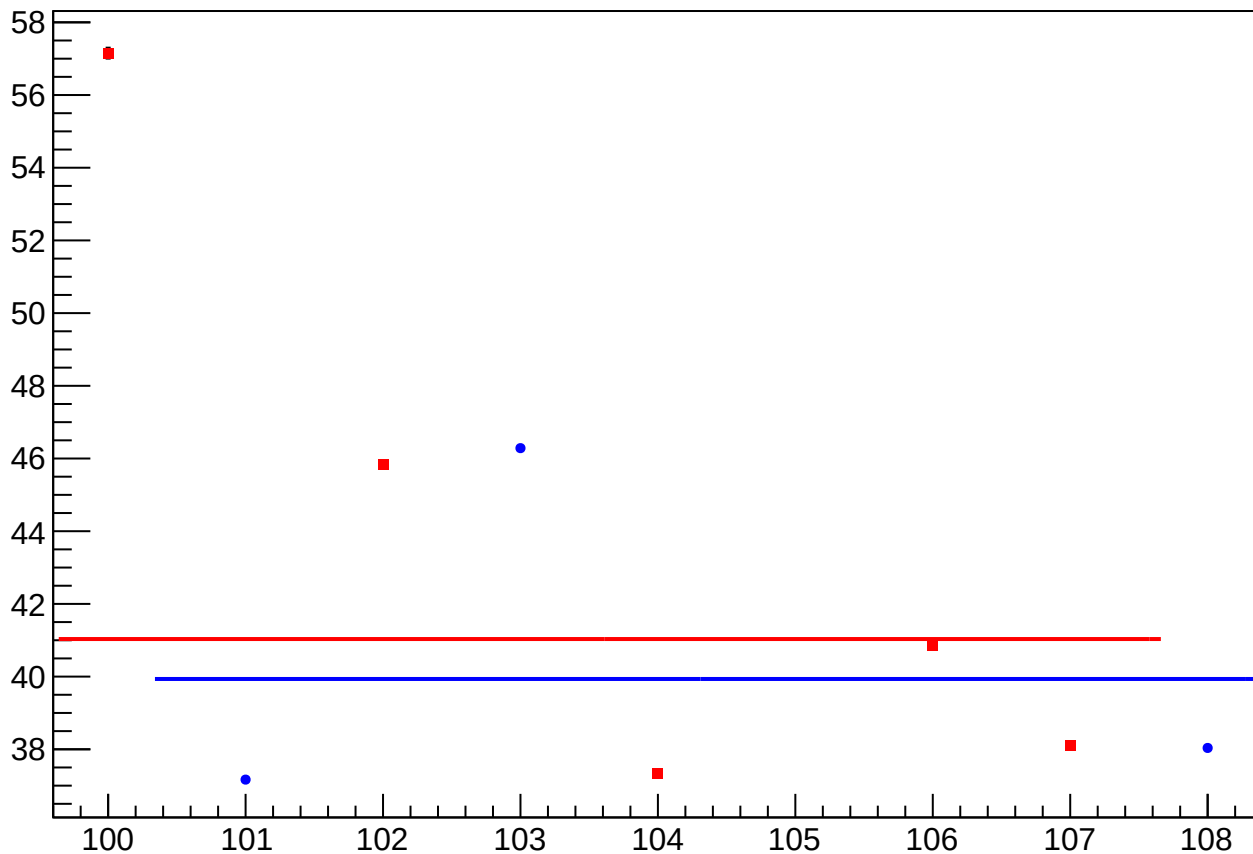
Right: -58.079 $\pm$ 22.284 χ^2 /NDF: 3.6/7

In: -35.027 $\pm$ 31.486 χ^2 /NDF:1.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -58.079 $\pm$ 22.284 χ^2 /NDF: 3.6/7

reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 39.935+/-0.022 χ^2/NDF : 31705.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.034+/-0.022 χ^2/NDF : 38251.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

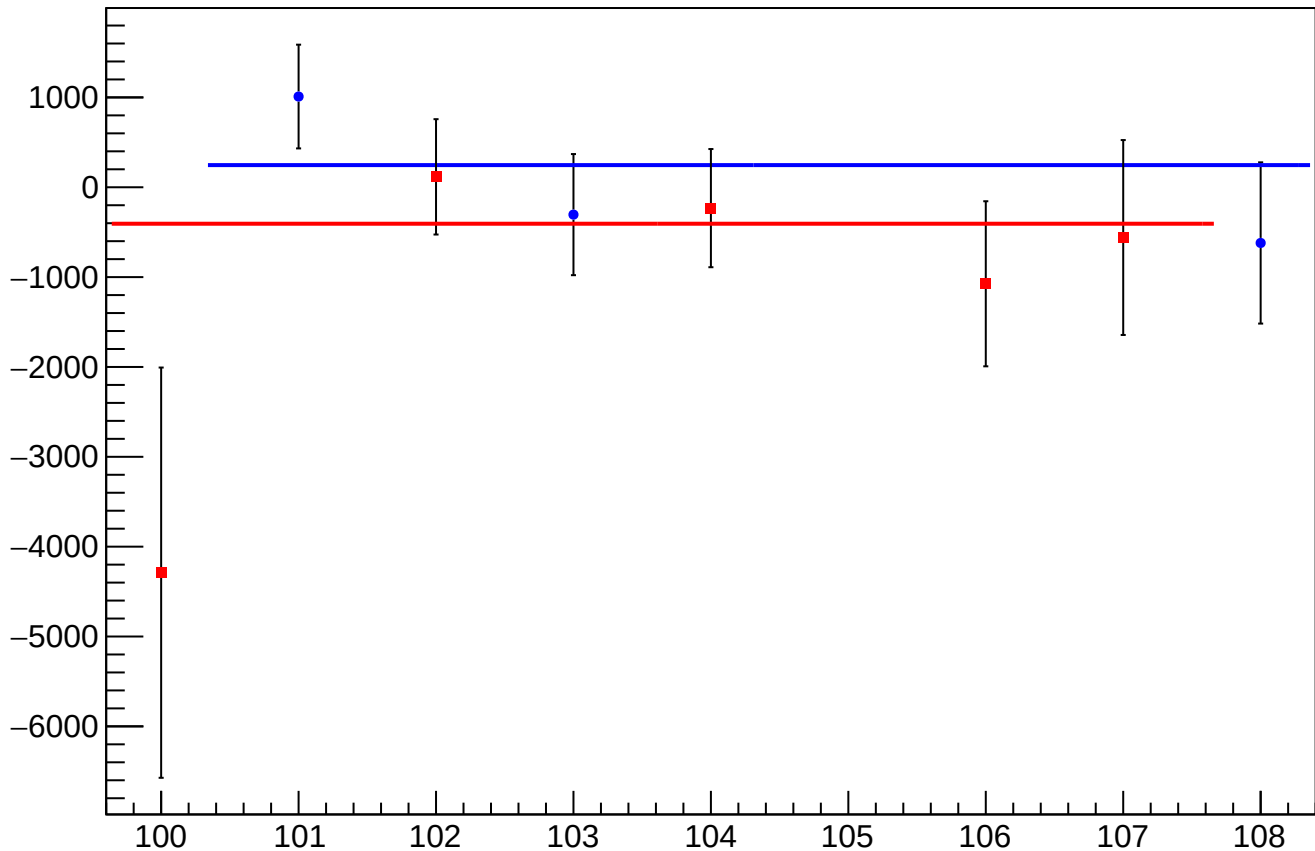
Right: 40.483+/-0.016 χ^2/NDF : 71172.1/7

In: 39.935+/-0.022 χ^2/NDF : 31705.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.483+/-0.016 χ^2/NDF : 71172.1/7

asym_sam_1357_2468_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 246.626 $\pm$ 393.938 χ^2 /NDF: 3.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -405.842 $\pm$ 378.893 χ^2 /NDF: 4.2/4

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

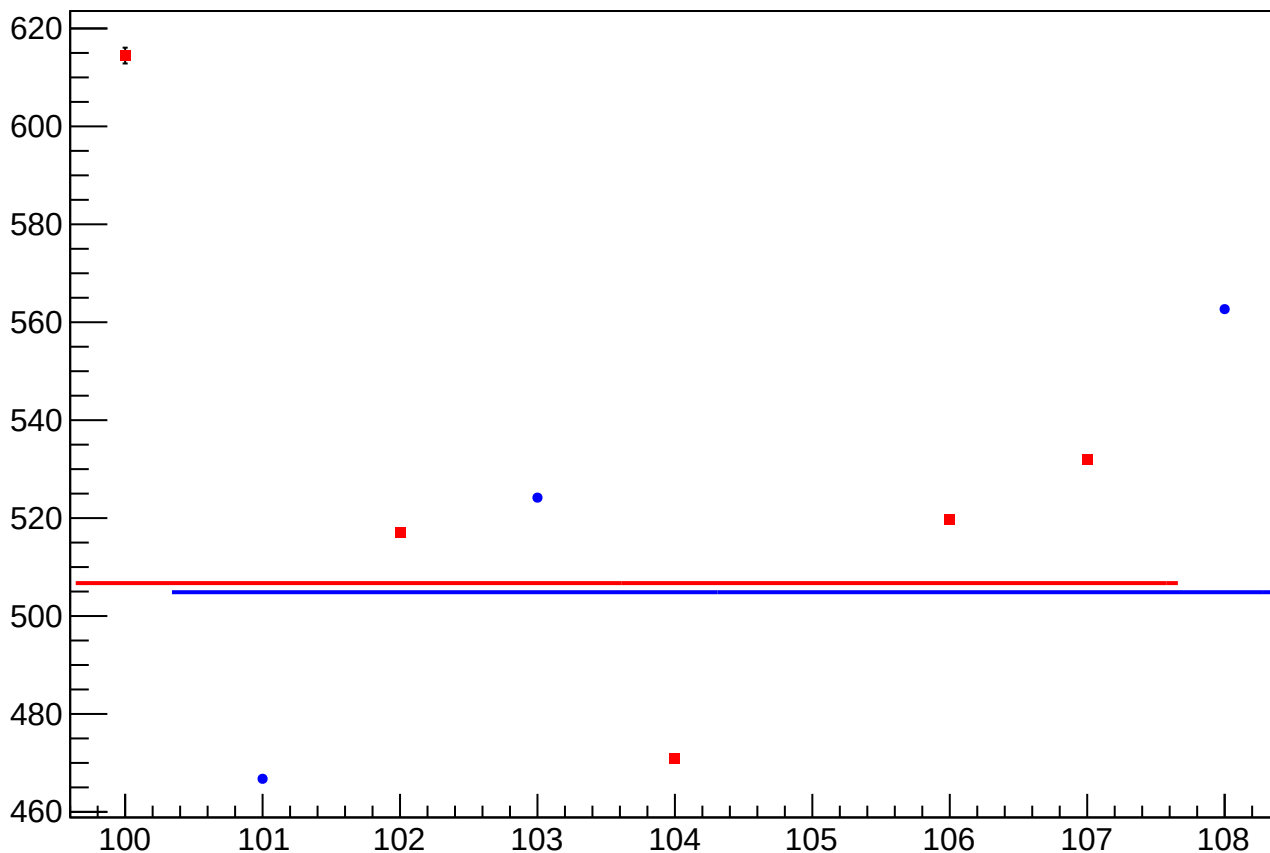
Right: -92.305 $\pm$ 273.082 χ^2 /NDF: 8.9/7

In: 246.626 $\pm$ 393.938 χ^2 /NDF:3.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -92.305 $\pm$ 273.082 χ^2 /NDF: 8.9/7

asym_sam_1357_2468_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 504.862 $\pm$ 0.279 χ^2 /NDF: 18660.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 506.722 $\pm$ 0.268 χ^2 /NDF: 12382.7/4

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

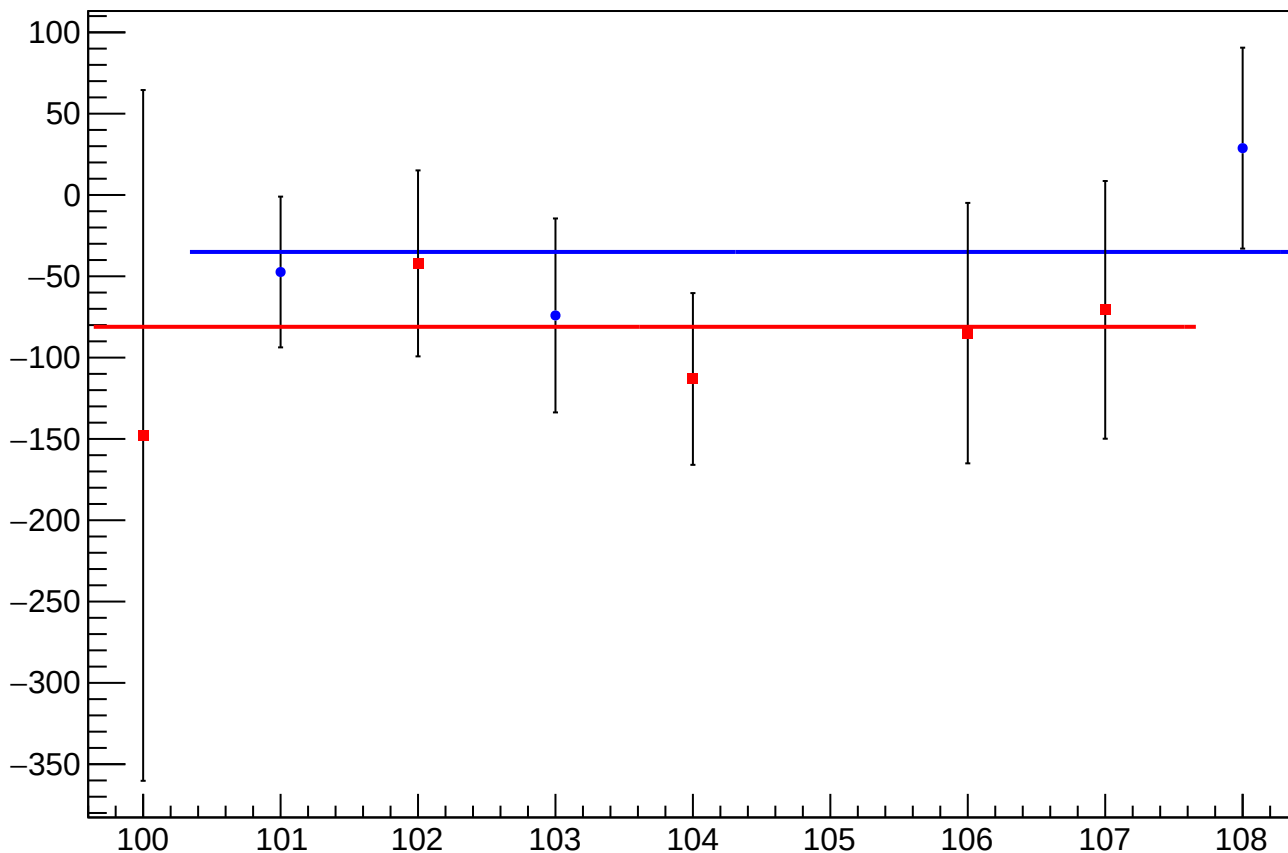
Right: 505.829 $\pm$ 0.193 χ^2 /NDF: 31066.3/7

In: 504.862 $\pm$ 0.279 χ^2 /NDF:18660.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 505.829 $\pm$ 0.193 χ^2 /NDF: 31066.3/7

cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -35.023 $\pm$ 31.486 χ^2 /NDF: 1.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -81.059 $\pm$ 31.593 χ^2 /NDF: 1.0/4

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

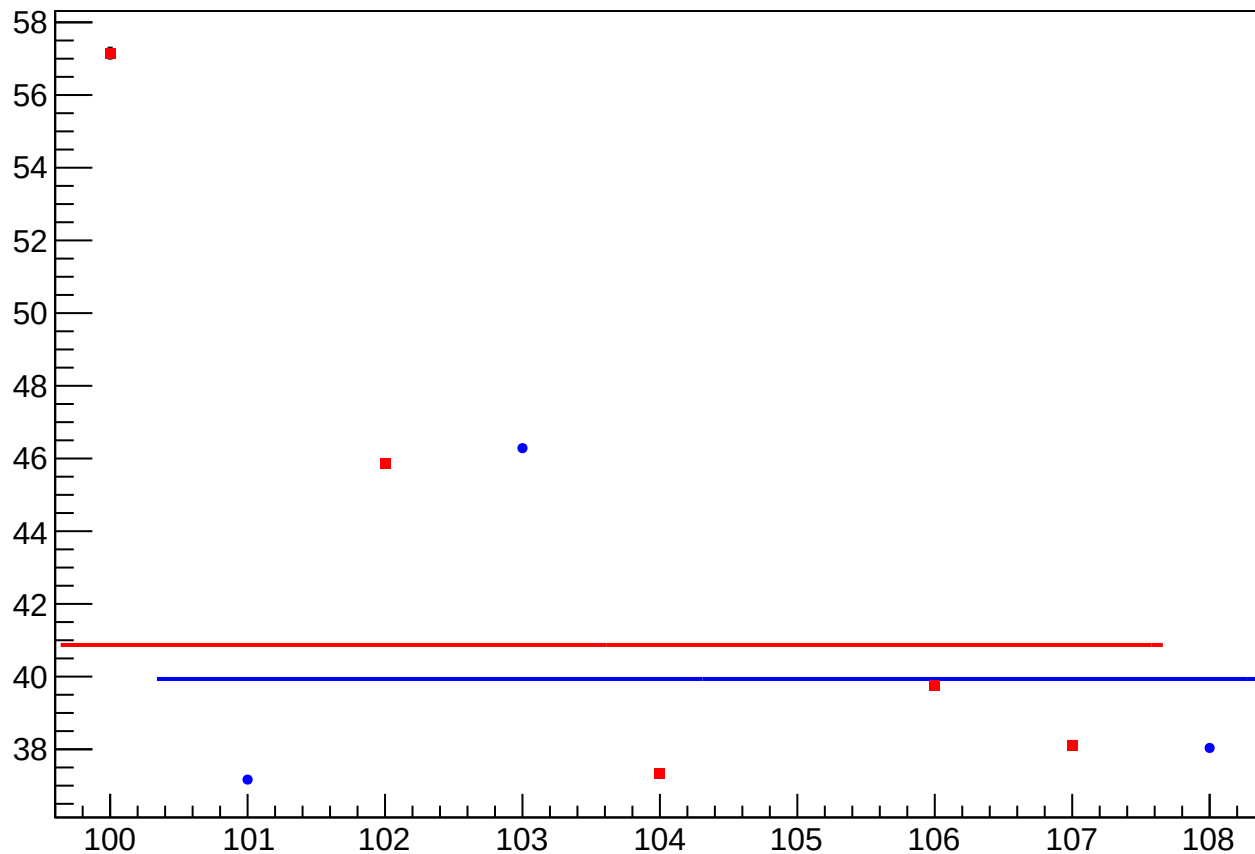
Right: -57.963 $\pm$ 22.302 χ^2 /NDF: 3.6/7

In: -35.023 $\pm$ 31.486 χ^2 /NDF:1.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -57.963 $\pm$ 22.302 χ^2 /NDF: 3.6/7

cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 39.935+/-0.022 χ^2/NDF : 31706.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.870+/-0.022 χ^2/NDF : 38787.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

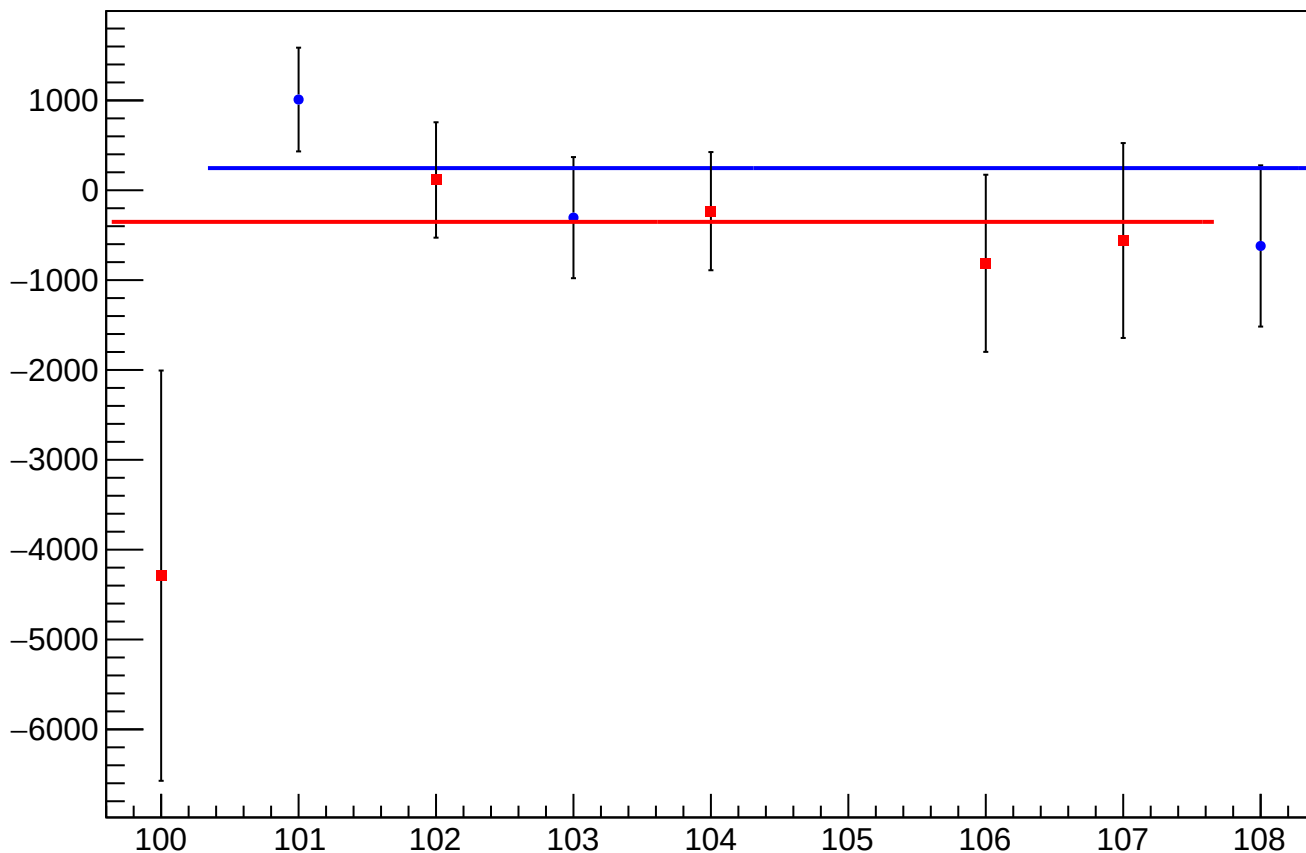
Right: 40.401+/-0.016 χ^2/NDF : 71372.9/7

In: 39.935+/-0.022 χ^2/NDF : 31706.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.401+/-0.016 χ^2/NDF : 71372.9/7

asym_sam_1357_2468_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 246.575 $\pm$ 393.945 χ^2 /NDF: 3.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -351.778 $\pm$ 383.270 χ^2 /NDF: 3.8/4

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

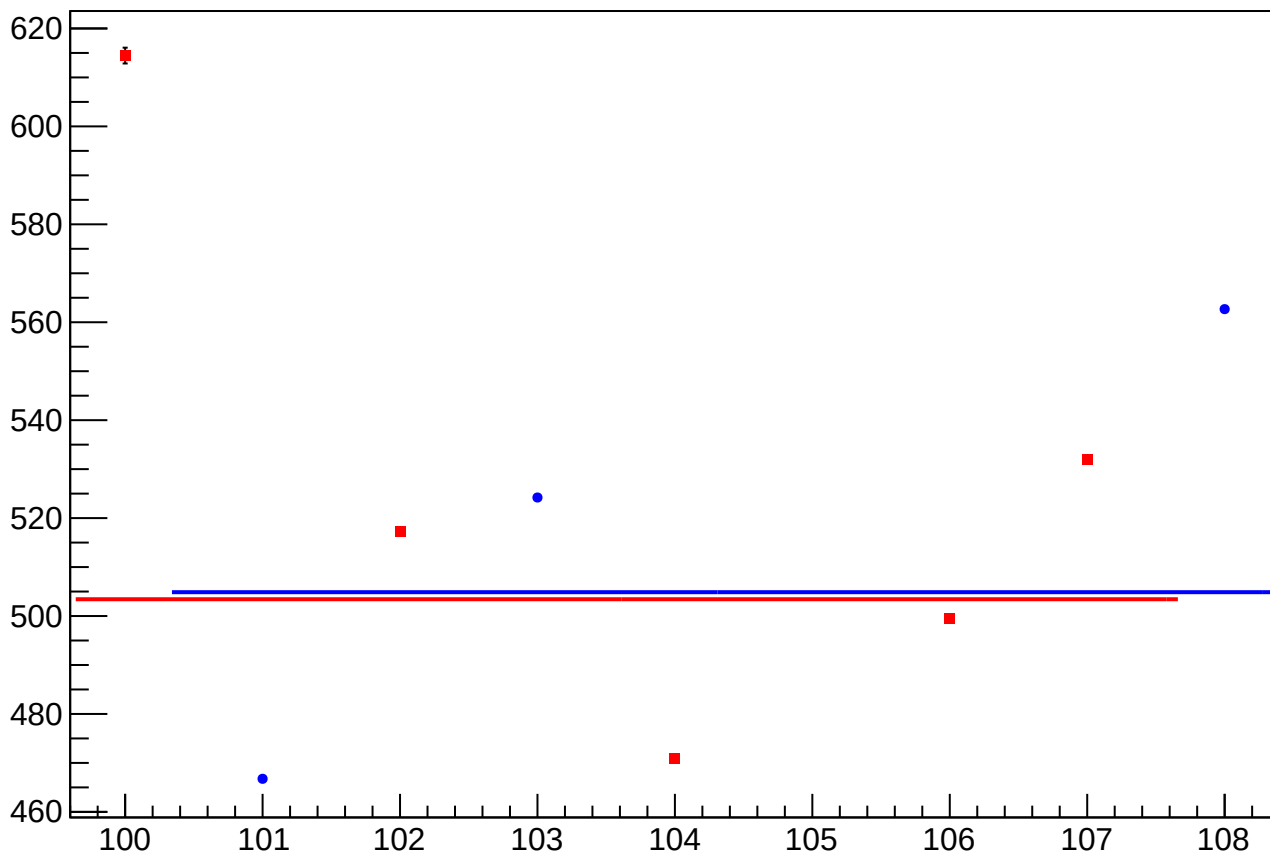
Right: -60.818 $\pm$ 274.709 χ^2 /NDF: 8.3/7

In: 246.575 $\pm$ 393.945 χ^2 /NDF:3.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -60.818 $\pm$ 274.709 χ^2 /NDF: 8.3/7

asym_sam_1357_2468_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 504.870+/-0.279 χ^2/NDF : 18664.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 503.430+/-0.271 χ^2/NDF : 11955.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

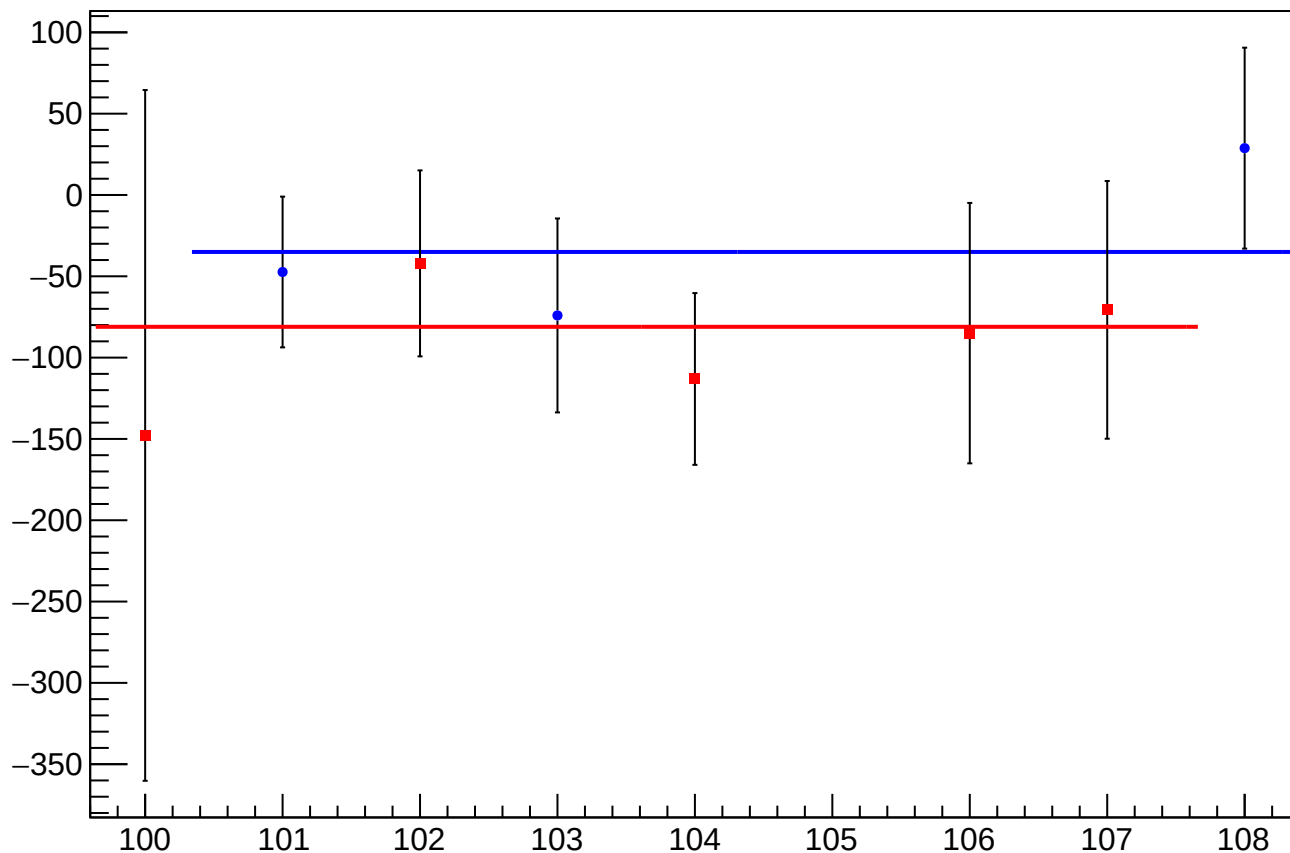
Right: 504.130+/-0.194 χ^2/NDF : 30633.9/7

In: 504.870+/-0.279 χ^2/NDF : 18664.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 504.130+/-0.194 χ^2/NDF : 30633.9/7

eigen_cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -35.023+/-31.486 χ^2/NDF : 1.6/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -81.059+/-31.593 χ^2/NDF : 1.0/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

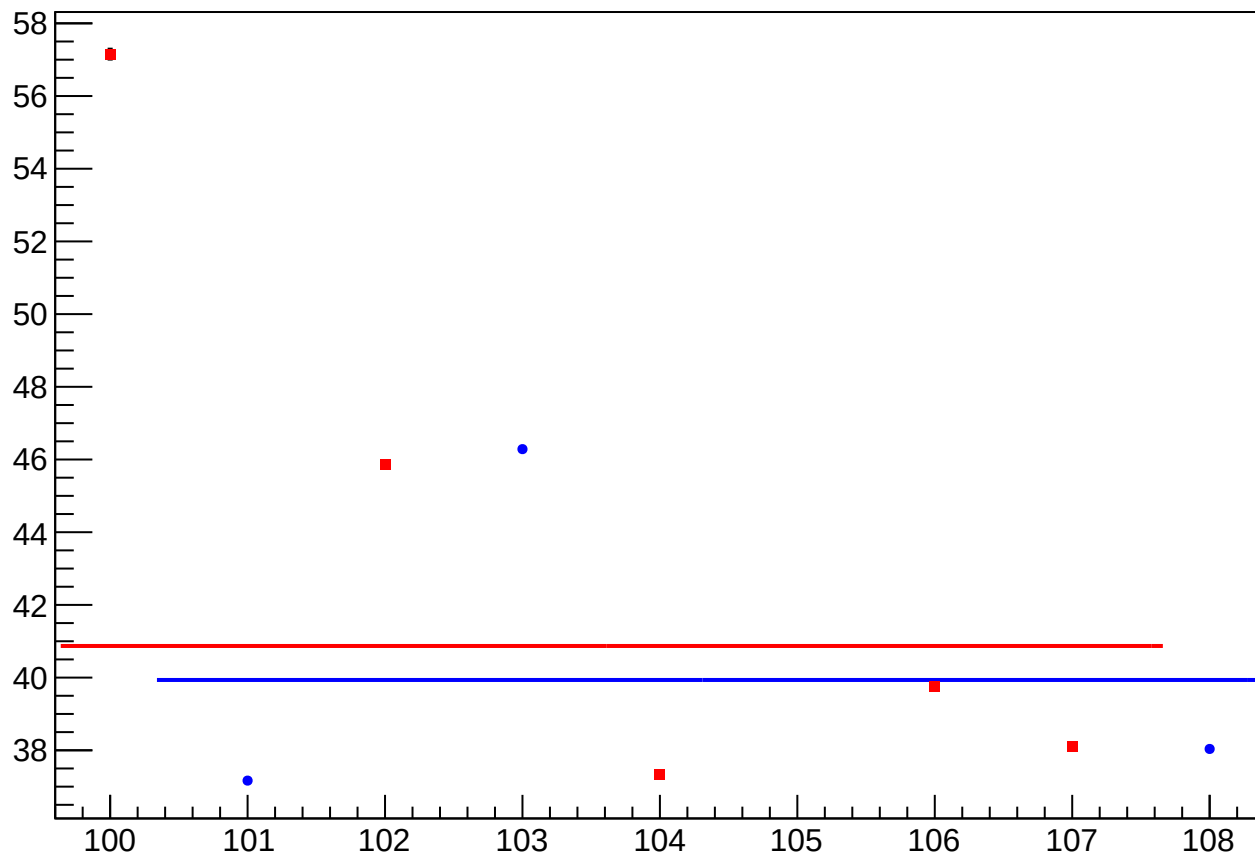
Right: -57.963+/-22.302 χ^2/NDF : 3.6/7

In: -35.023+/-31.486 χ^2/NDF :1.6/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -57.963+/-22.302 χ^2/NDF : 3.6/7

eigen_cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 39.935+/-0.022 χ^2/NDF : 31706.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.870+/-0.022 χ^2/NDF : 38787.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

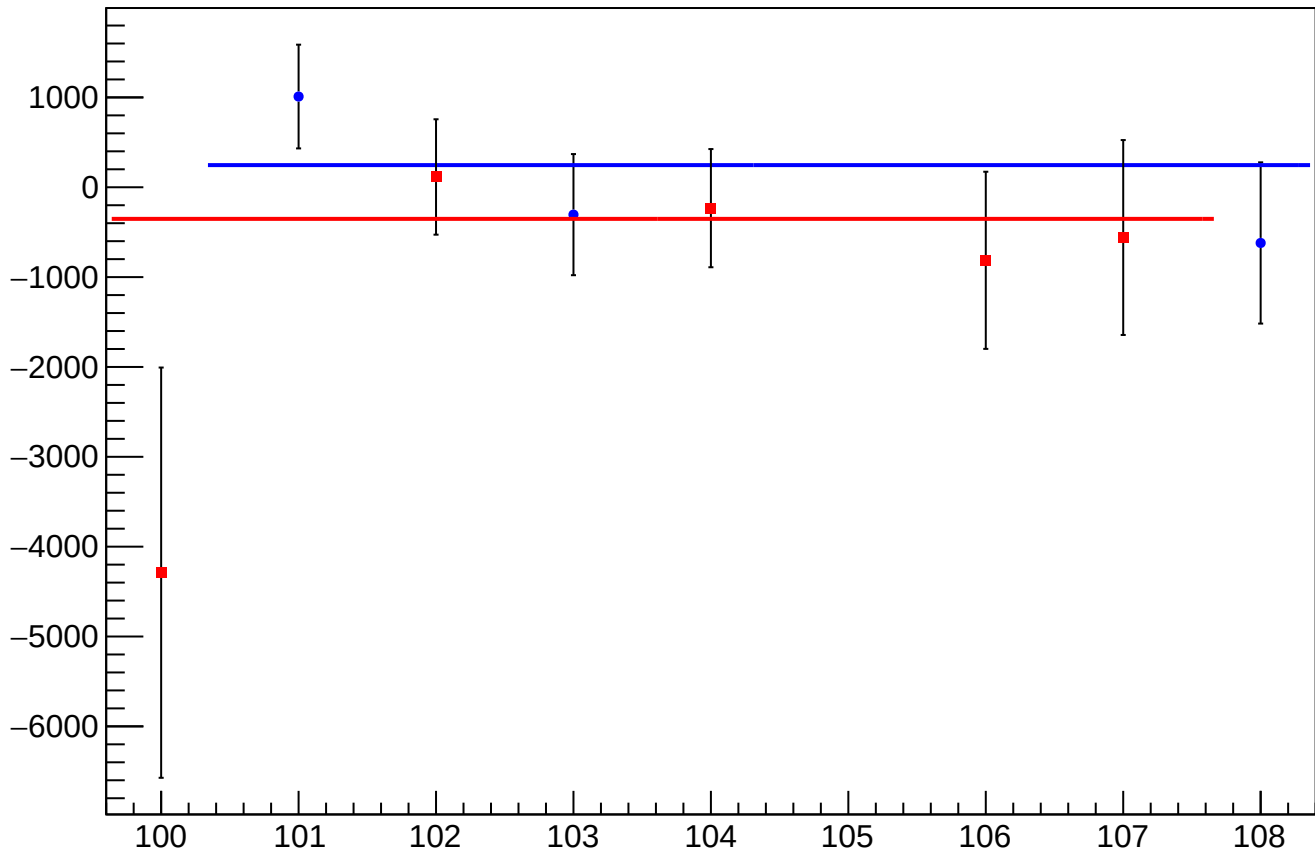
Right: 40.401+/-0.016 χ^2/NDF : 71372.9/7

In: 39.935+/-0.022 χ^2/NDF : 31706.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.401+/-0.016 χ^2/NDF : 71372.9/7

asym_sam_1357_2468_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 246.575+/-393.945 χ^2/NDF : 3.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -351.778+/-383.270 χ^2/NDF : 3.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

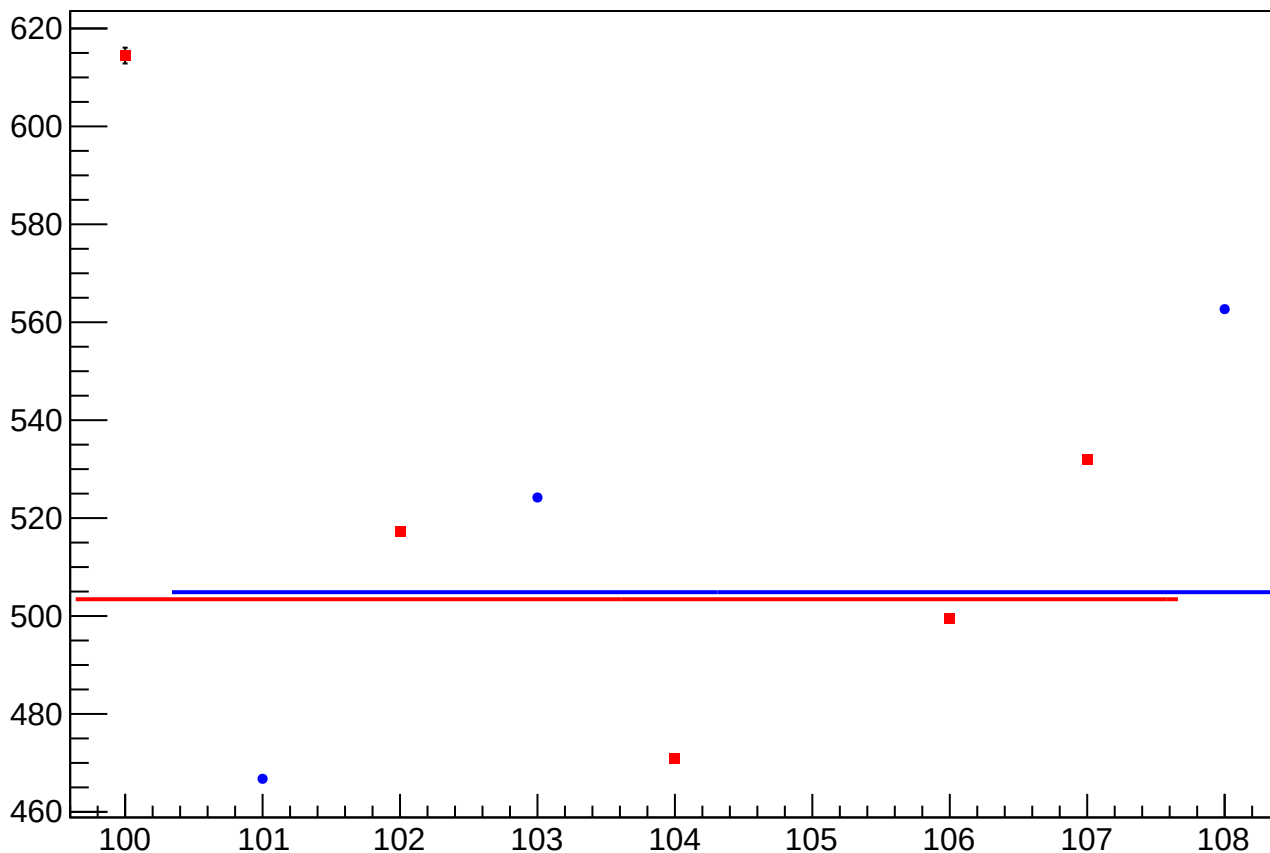
Right: -60.818+/-274.709 χ^2/NDF : 8.3/7

In: 246.575+/-393.945 χ^2/NDF : 3.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -60.818+/-274.709 χ^2/NDF : 8.3/7

asym_sam_1357_2468_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 504.870+/-0.279 χ^2/NDF : 18664.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 503.430+/-0.271 χ^2/NDF : 11955.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

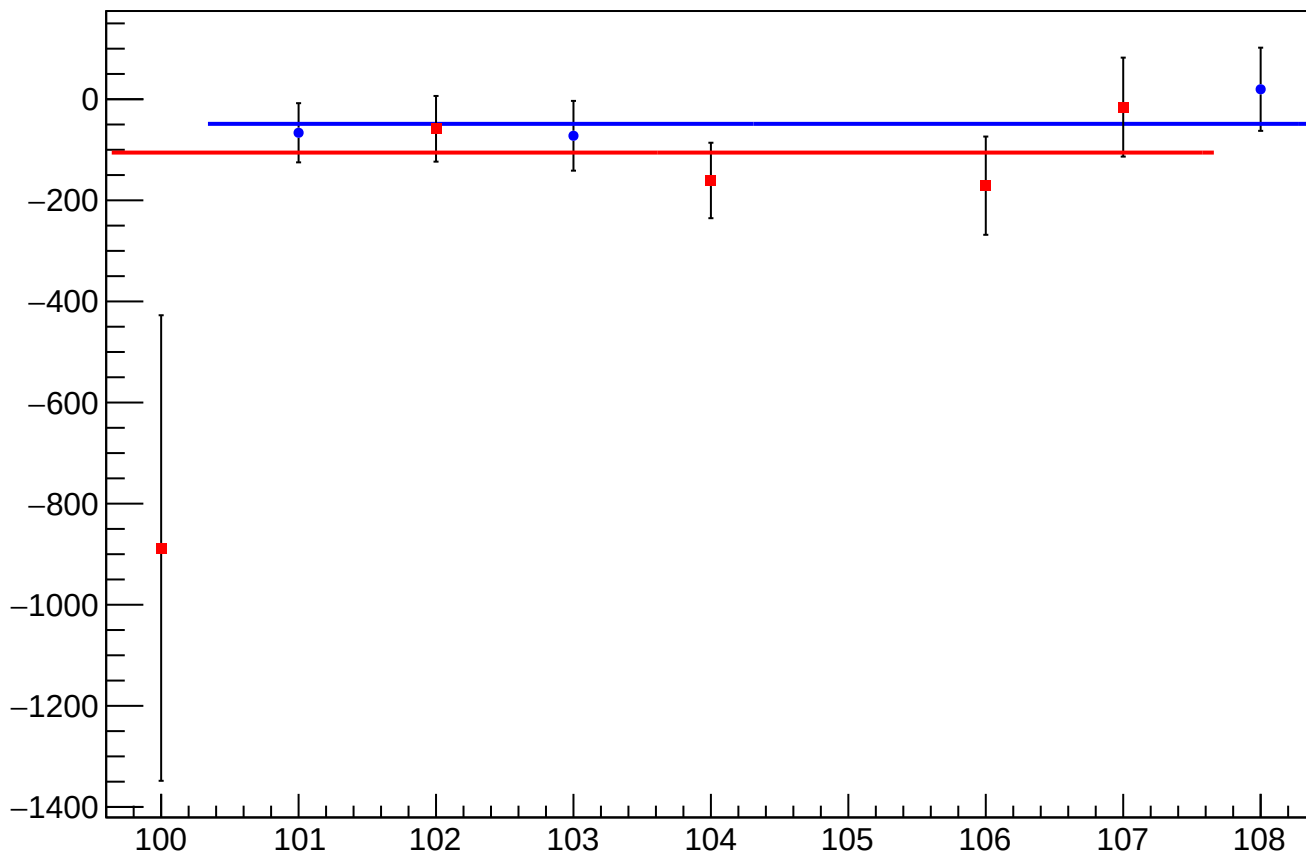
Right: 504.130+/-0.194 χ^2/NDF : 30633.9/7

In: 504.870+/-0.279 χ^2/NDF : 18664.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 504.130+/-0.194 χ^2/NDF : 30633.9/7

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -48.709 $\pm$ 39.239 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -105.544 $\pm$ 39.797 χ^2 /NDF: 5.3/4

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

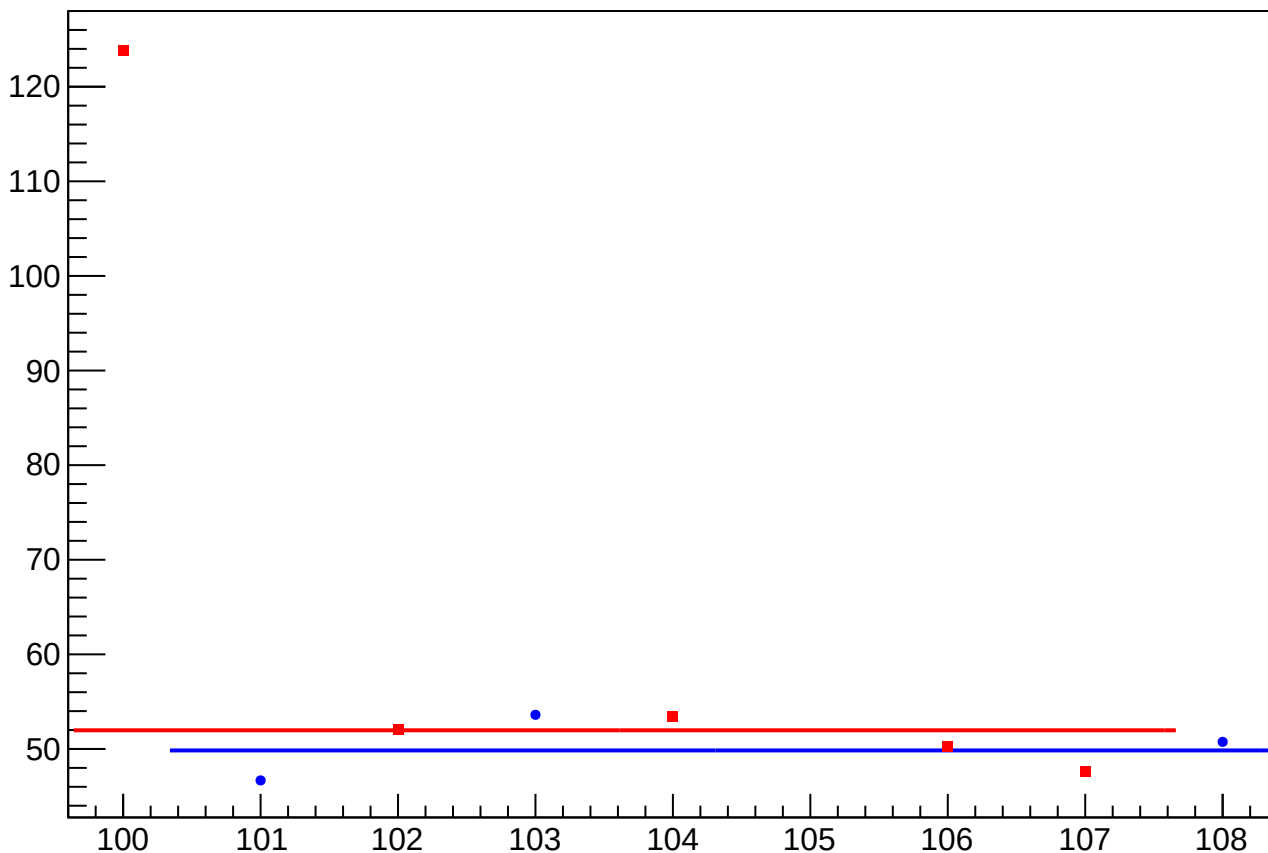
Right: -76.726 $\pm$ 27.941 χ^2 /NDF: 7.2/7

In: -48.709 $\pm$ 39.239 χ^2 /NDF:0.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -76.726 $\pm$ 27.941 χ^2 /NDF: 7.2/7

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 49.845+/-0.028 χ^2/NDF : 12056.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.974+/-0.028 χ^2/NDF : 53924.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

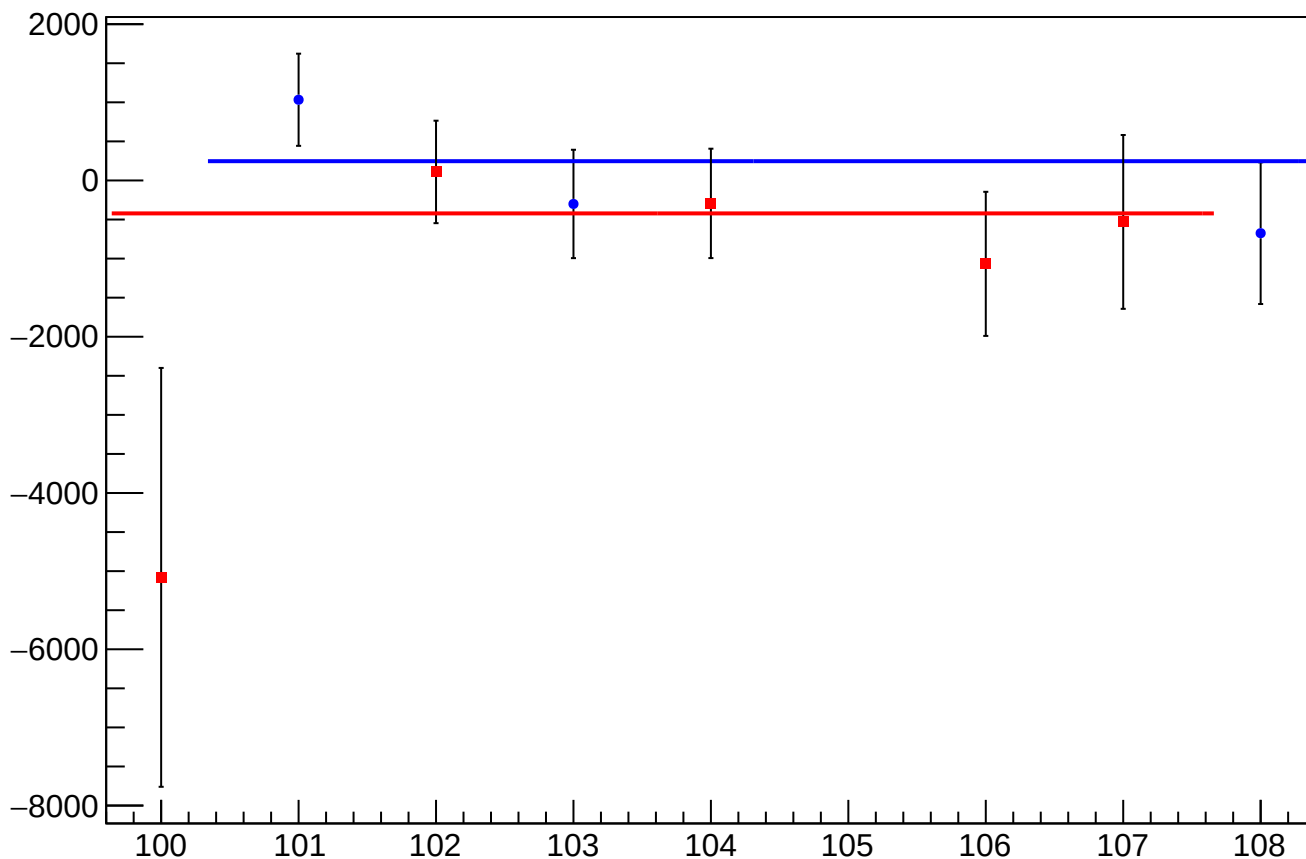
Right: 50.894+/-0.020 χ^2/NDF : 68881.2/7

In: 49.845+/-0.028 χ^2/NDF : 12056.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.894+/-0.020 χ^2/NDF : 68881.2/7

asym_sam_1357_2468_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 246.745+/-402.561 χ^2/NDF : 3.4/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -421.617+/-392.511 χ^2/NDF : 4.2/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

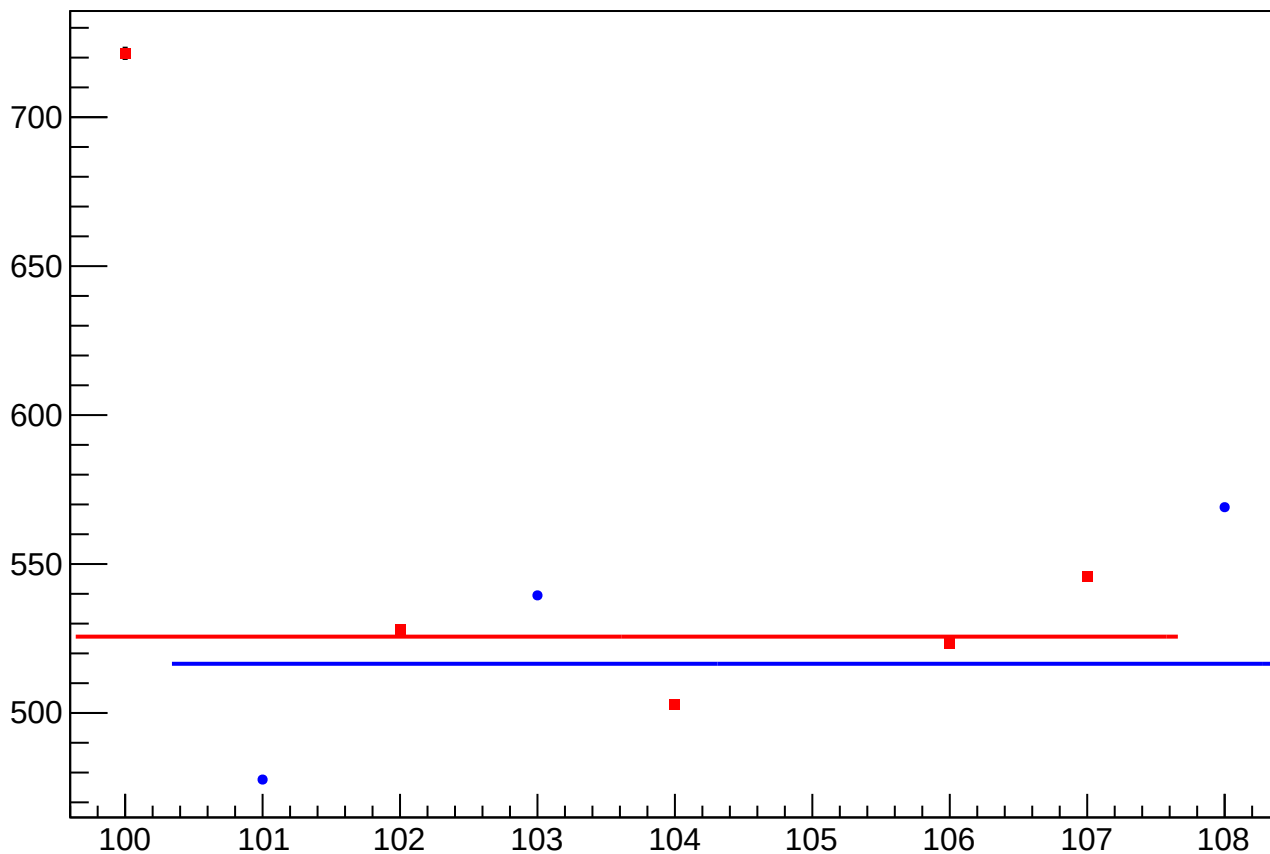
Right: -95.883+/-281.033 χ^2/NDF : 9.1/7

In: 246.745+/-402.561 χ^2/NDF :3.4/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -95.883+/-281.033 χ^2/NDF : 9.1/7

asym_sam_1357_2468_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 516.514+/-0.285 χ^2/NDF : 17601.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 525.628+/-0.278 χ^2/NDF : 13506.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

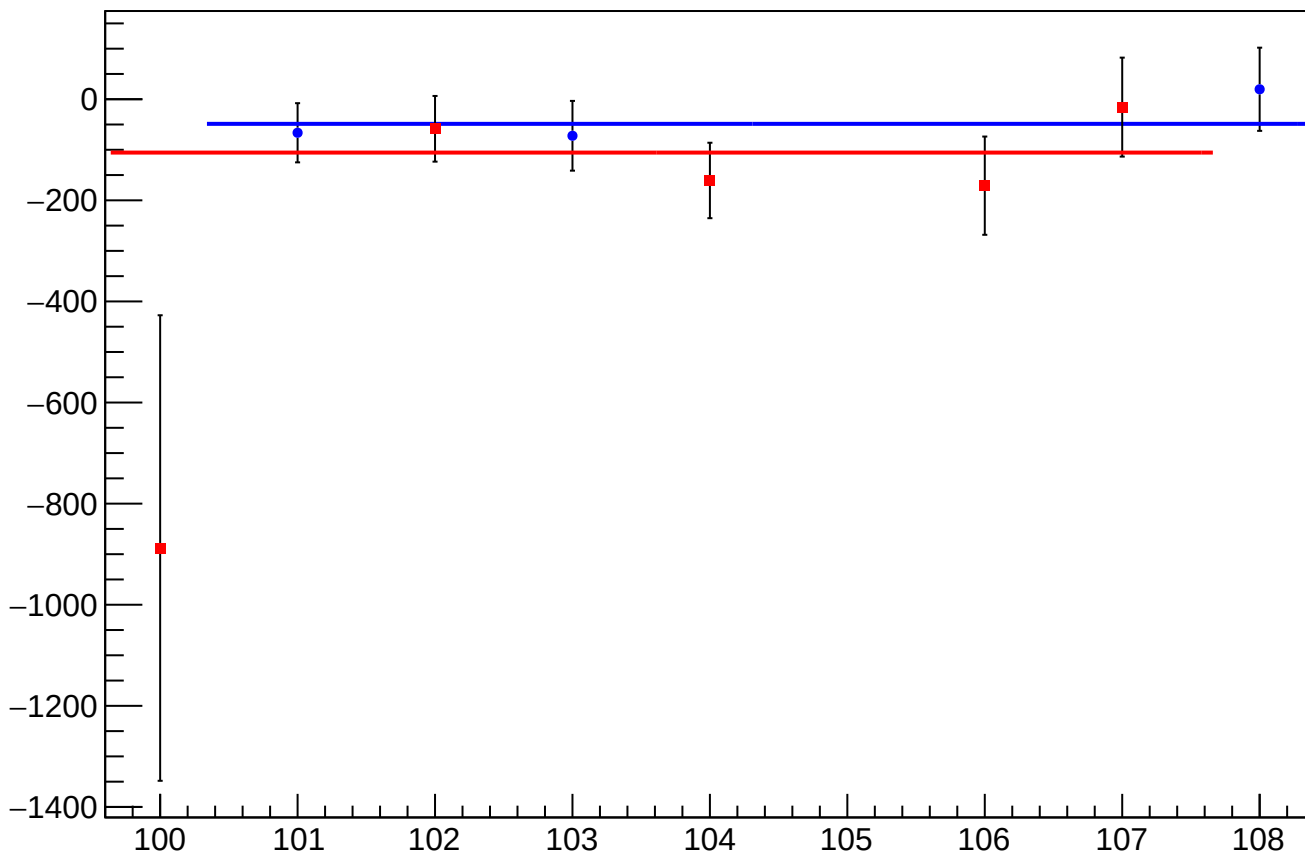
Right: 521.186+/-0.199 χ^2/NDF : 31634.0/7

In: 516.514+/-0.285 χ^2/NDF : 17601.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 521.186+/-0.199 χ^2/NDF : 31634.0/7

eigen_dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -48.708 $\pm$ 39.239 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -105.545 $\pm$ 39.796 χ^2 /NDF: 5.3/4

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

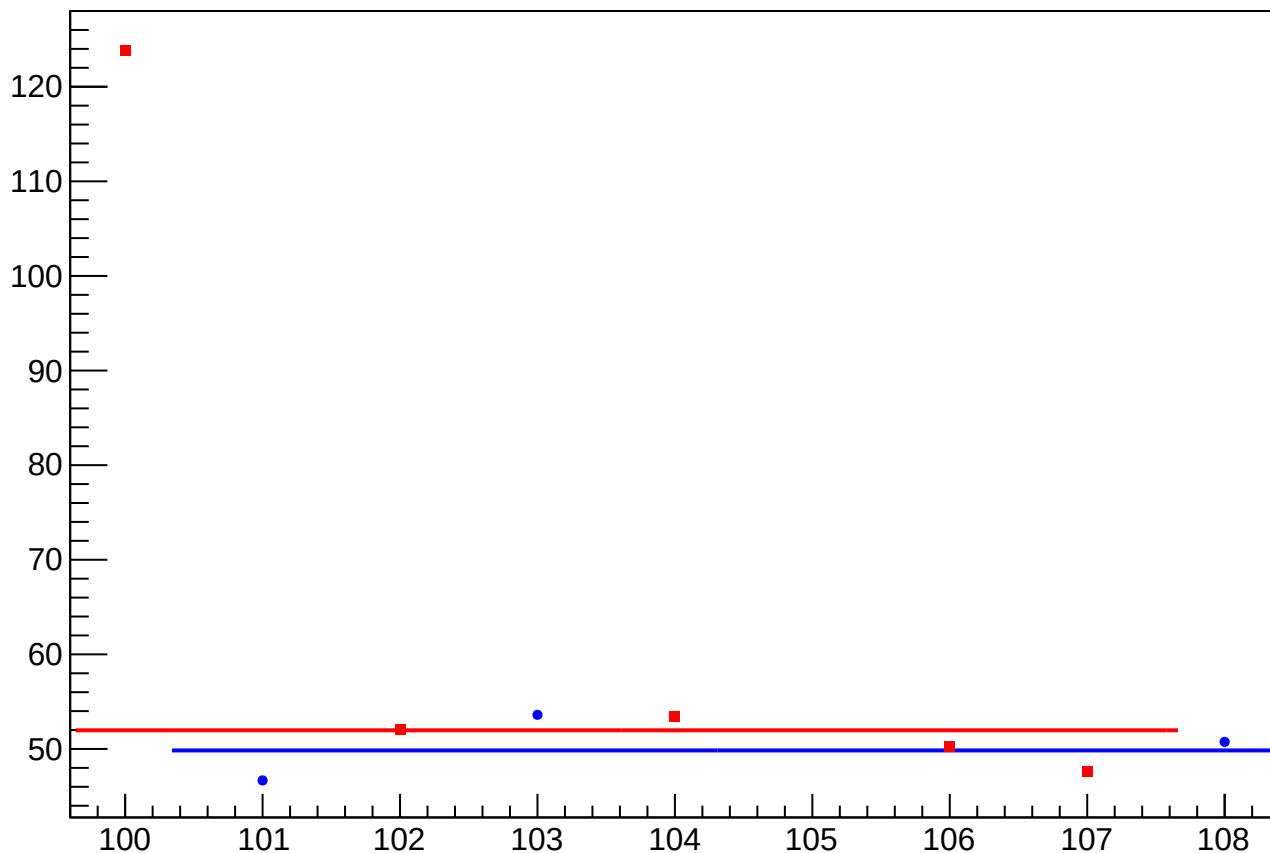
Right: -76.725 $\pm$ 27.941 χ^2 /NDF: 7.2/7

In: -48.708 $\pm$ 39.239 χ^2 /NDF:0.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -76.725 $\pm$ 27.941 χ^2 /NDF: 7.2/7

eigen_dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 49.845+/-0.028 χ^2/NDF : 12054.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.973+/-0.028 χ^2/NDF : 53924.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

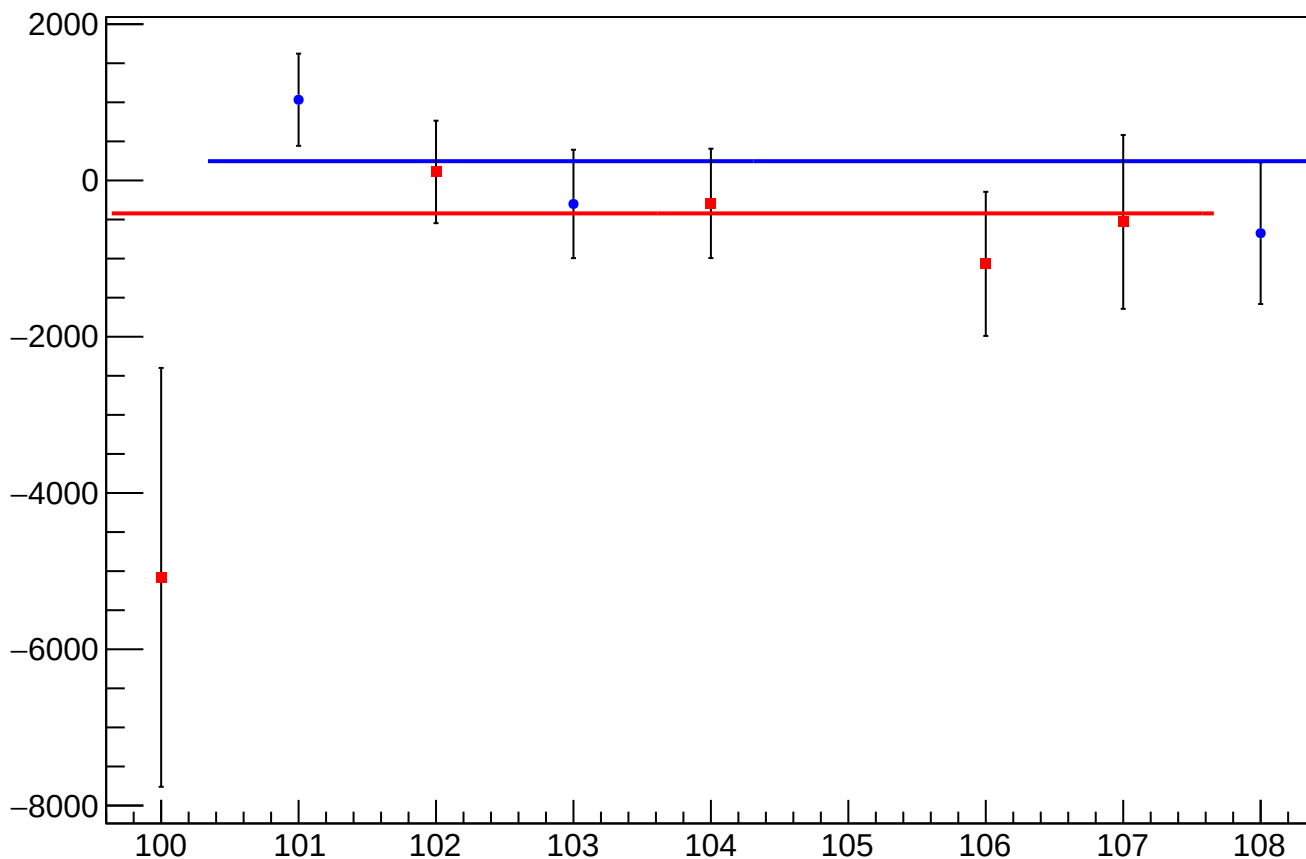
Right: 50.894+/-0.020 χ^2/NDF : 68878.4/7

In: 49.845+/-0.028 χ^2/NDF : 12054.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.894+/-0.020 χ^2/NDF : 68878.4/7

asym_sam_1357_2468_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 246.745+/-402.561 χ^2 /NDF: 3.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -421.617+/-392.511 χ^2 /NDF: 4.2/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

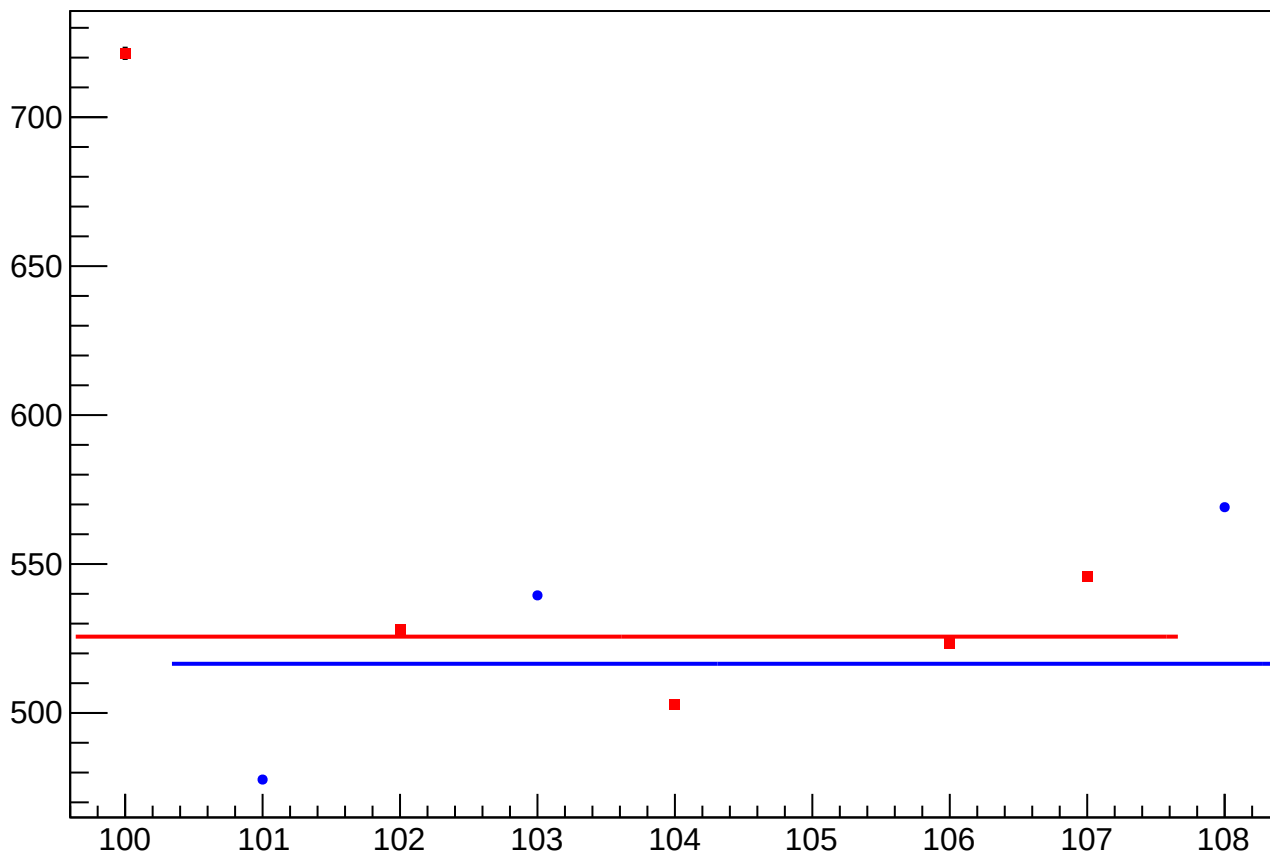
Right: -95.883+/-281.033 χ^2 /NDF: 9.1/7

In: 246.745+/-402.561 χ^2 /NDF:3.4/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -95.883+/-281.033 χ^2 /NDF: 9.1/7

asym_sam_1357_2468_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 516.514+/-0.285 χ^2/NDF : 17601.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 525.627+/-0.278 χ^2/NDF : 13507.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

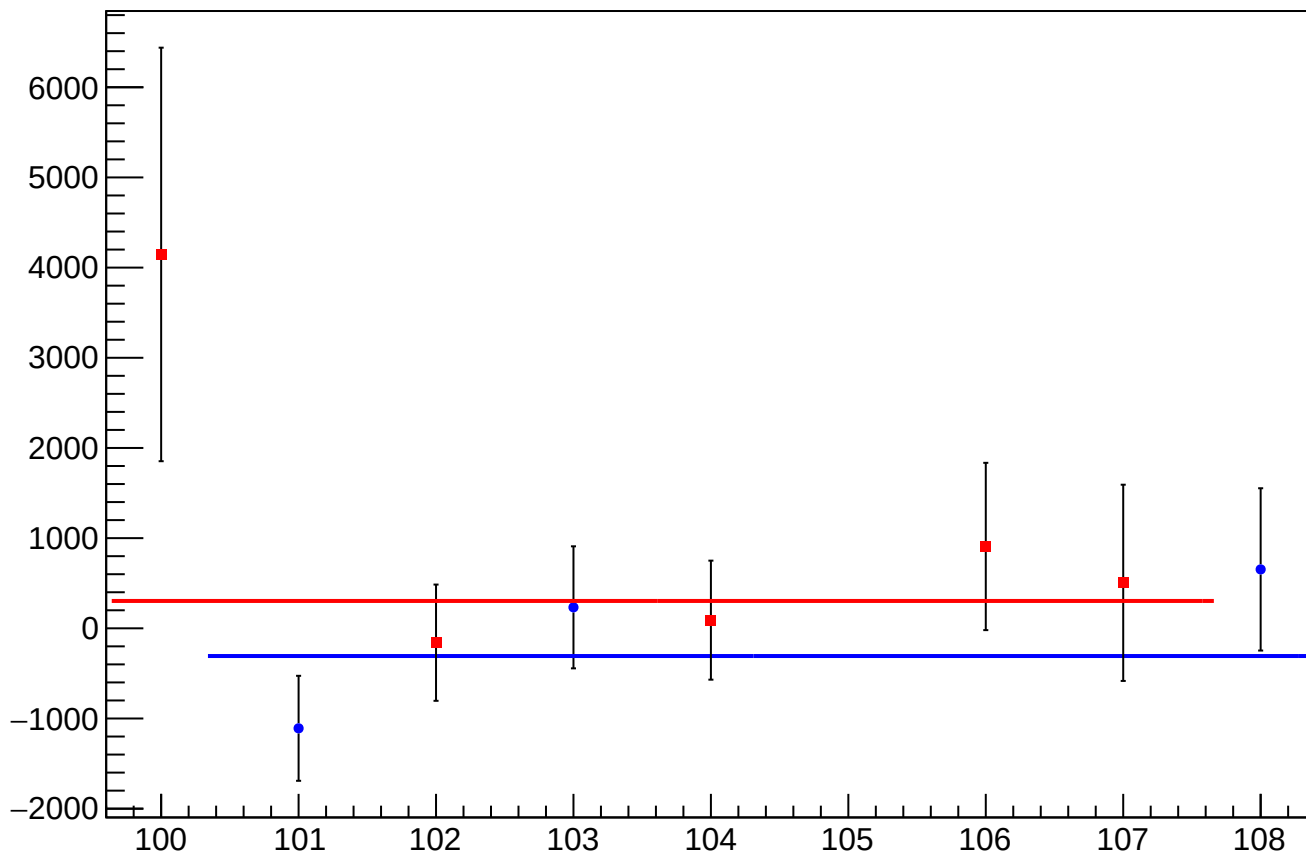
Right: 521.186+/-0.199 χ^2/NDF : 31633.8/7

In: 516.514+/-0.285 χ^2/NDF : 17601.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 521.186+/-0.199 χ^2/NDF : 31633.8/7

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -307.261+/-396.206 χ^2/NDF : 3.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 303.440+/-380.673 χ^2/NDF : 3.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

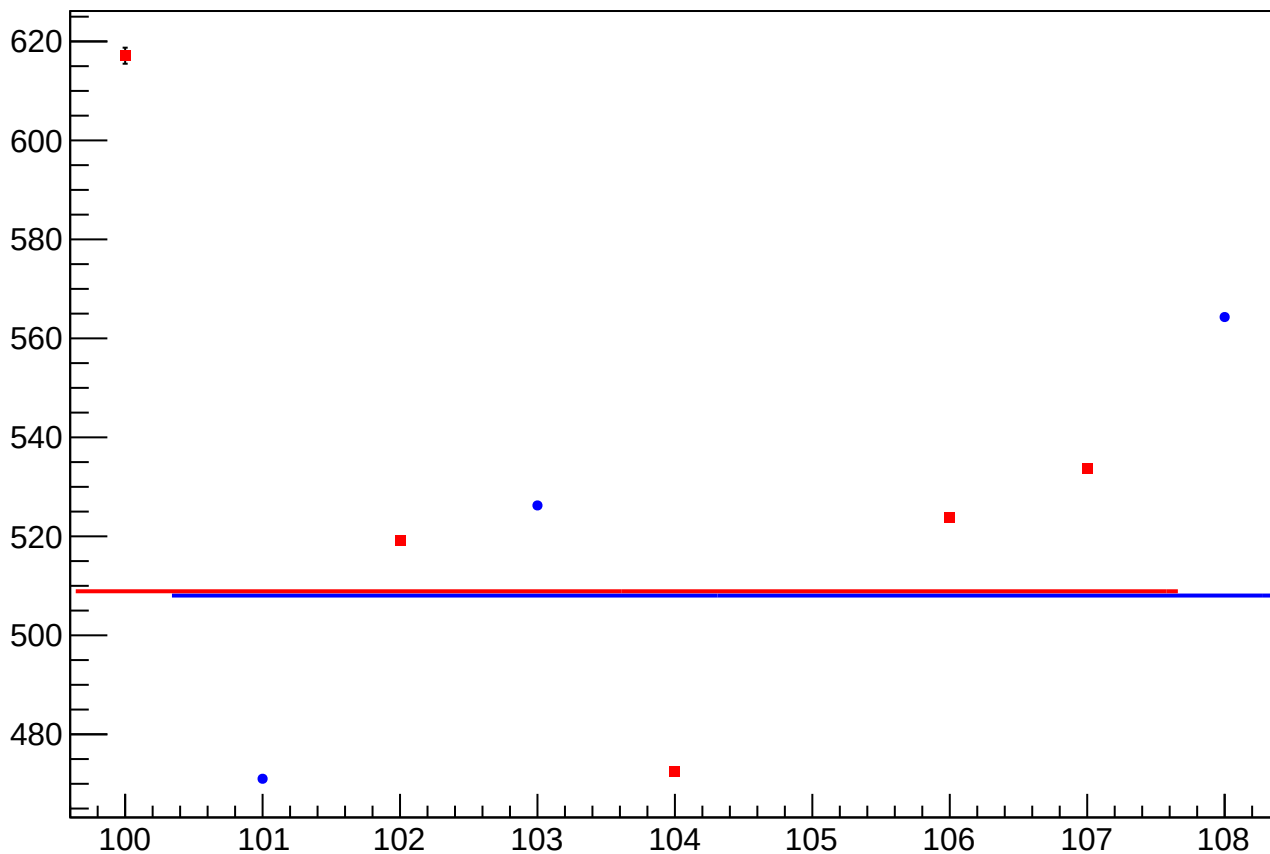
Right: 10.295+/-274.503 χ^2/NDF : 8.8/7

In: -307.261+/-396.206 χ^2/NDF : 3.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.295+/-274.503 χ^2/NDF : 8.8/7

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 508.037 $\pm$ 0.280 χ^2 /NDF: 17358.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 508.901 $\pm$ 0.269 χ^2 /NDF: 12584.7/4

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

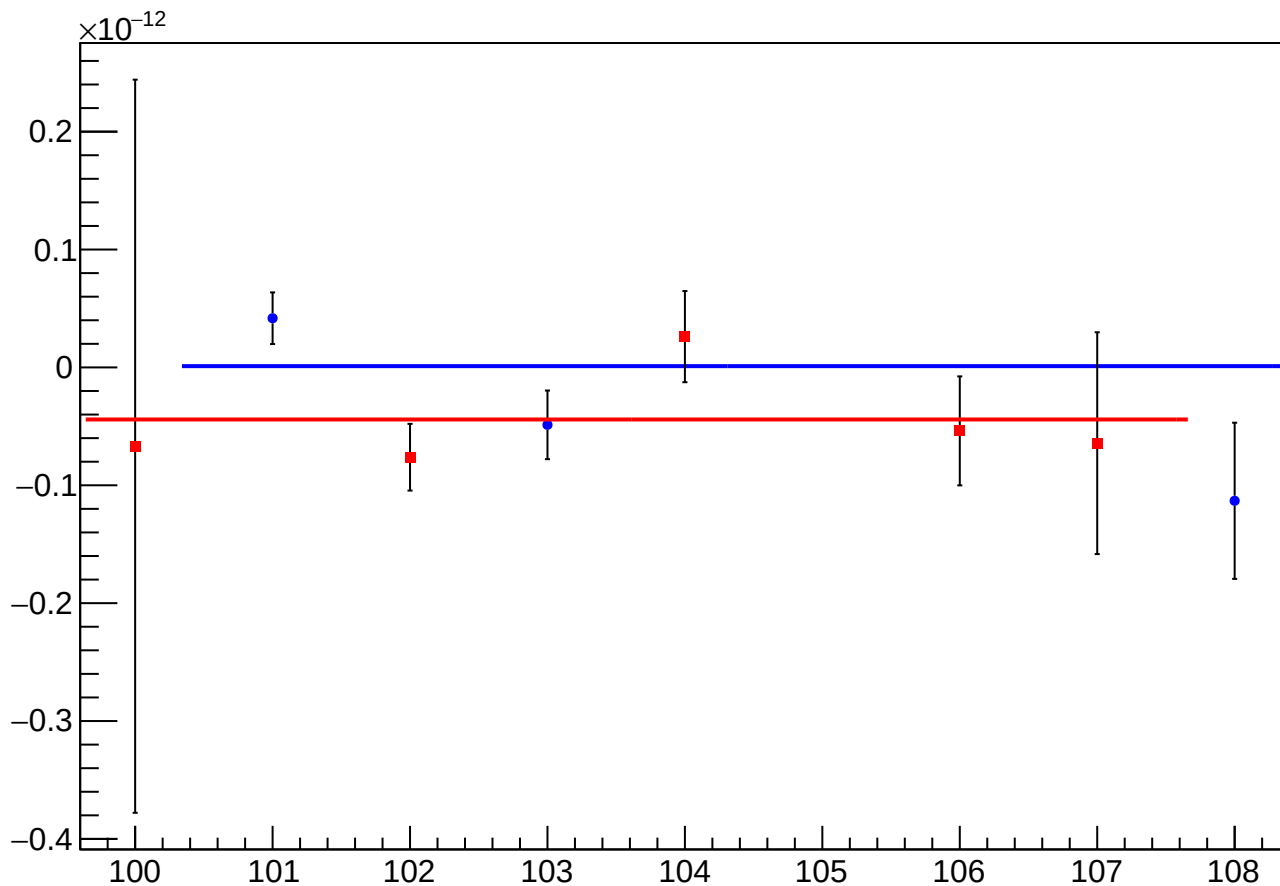
Right: 508.486 $\pm$ 0.194 χ^2 /NDF: 29948.2/7

In: 508.037 $\pm$ 0.280 χ^2 /NDF:17358.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 508.486 $\pm$ 0.194 χ^2 /NDF: 29948.2/7

asym_sam_1357_2468_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

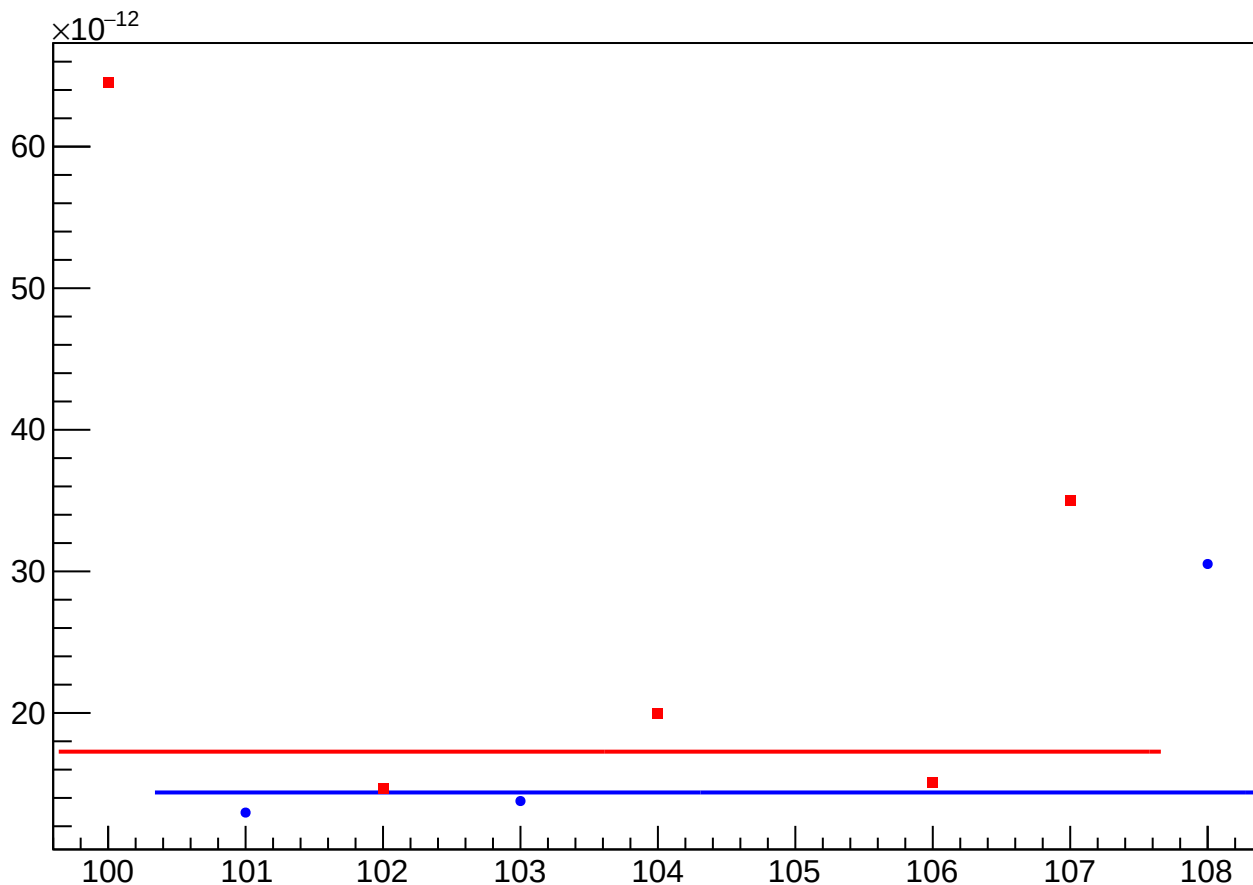
Right: -0.000+/-0.000 χ^2/NDF : 17.0/7

In: 0.000+/-0.000 χ^2/NDF : 9.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.0/7

asym_sam_1357_2468_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 127947.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 148199.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

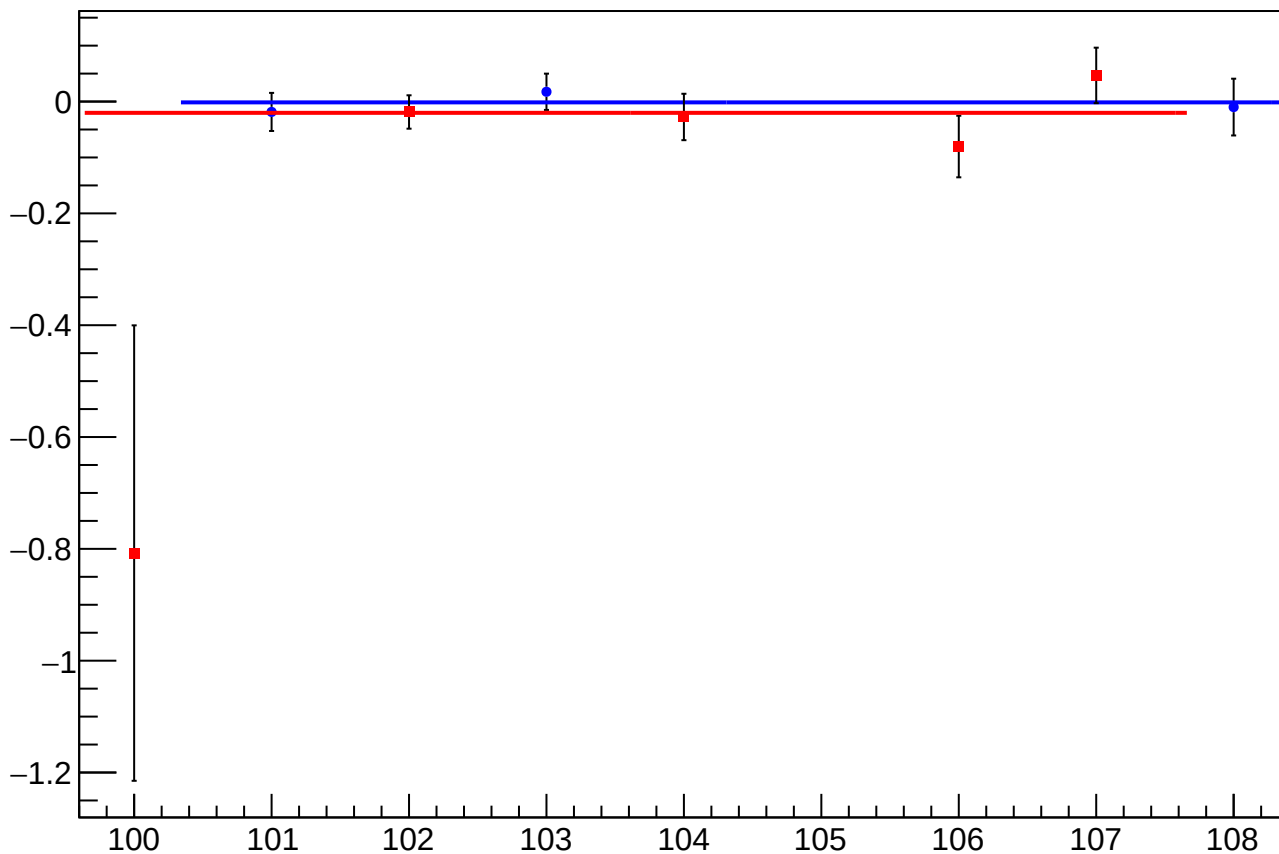
Right: 0.000+/-0.000 χ^2/NDF : 300407.1/7

In: 0.000+/-0.000 χ^2/NDF : 127947.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 300407.1/7

asym_sam_1357_2468_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 $\pm$ 0.021 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.020 $\pm$ 0.020 χ^2 /NDF: 6.8/4

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

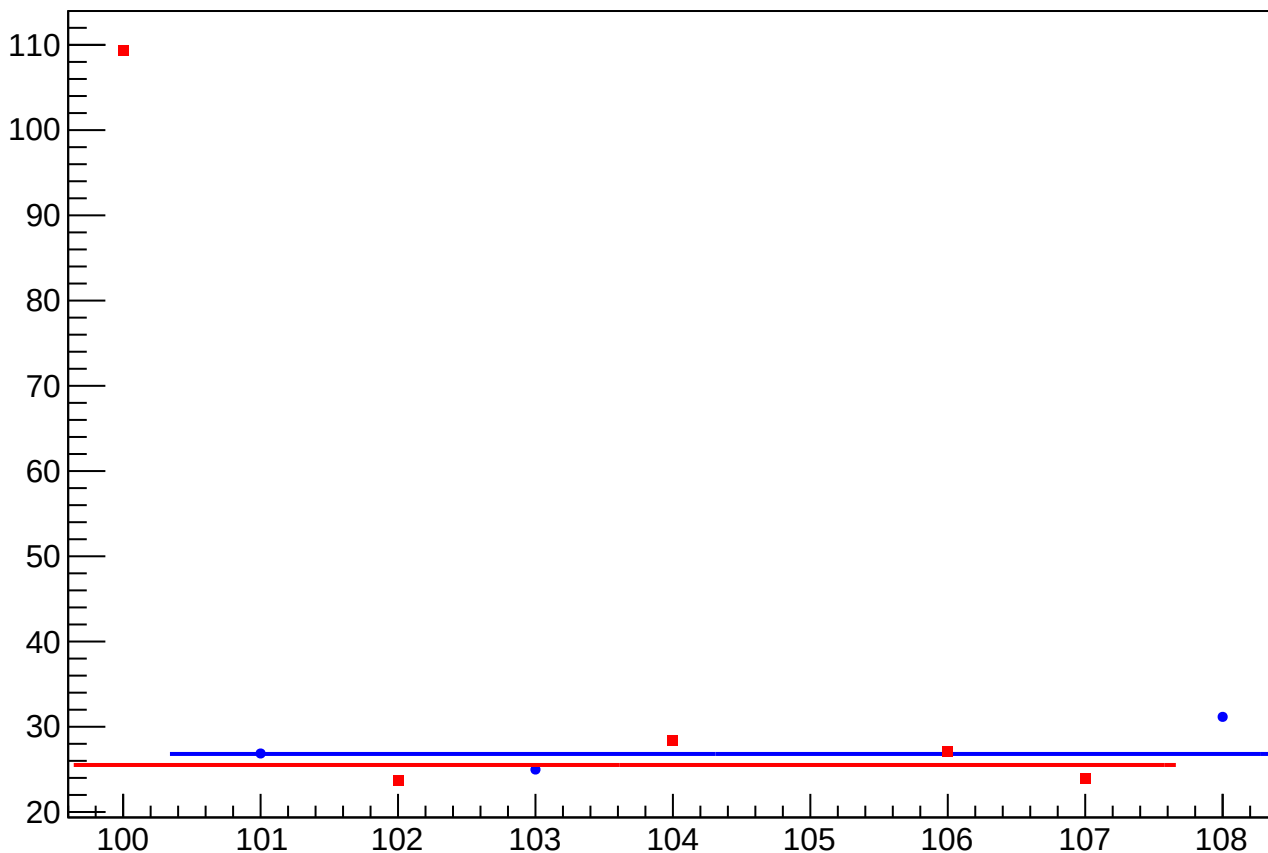
Right: -0.011 $\pm$ 0.015 χ^2 /NDF: 7.8/7

In: -0.001 $\pm$ 0.021 χ^2 /NDF:0.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.011 $\pm$ 0.015 χ^2 /NDF: 7.8/7

asym_sam_1357_2468_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.810 $\pm$ 0.015 χ^2 /NDF: 21044.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 25.517 $\pm$ 0.014 χ^2 /NDF: 105386.9/4

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

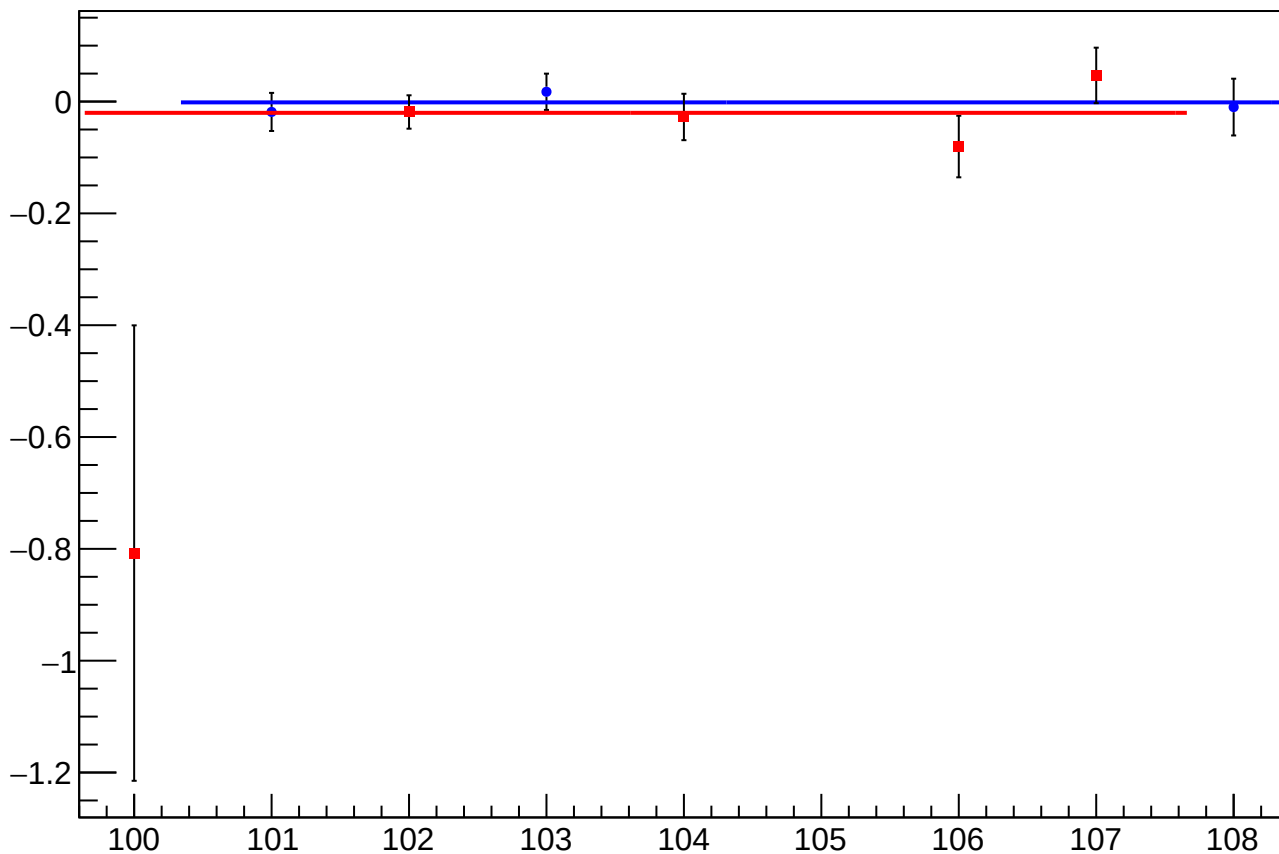
Right: 26.129 $\pm$ 0.010 χ^2 /NDF: 130304.7/7

In: 26.810 $\pm$ 0.015 χ^2 /NDF:21044.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 26.129 $\pm$ 0.010 χ^2 /NDF: 130304.7/7

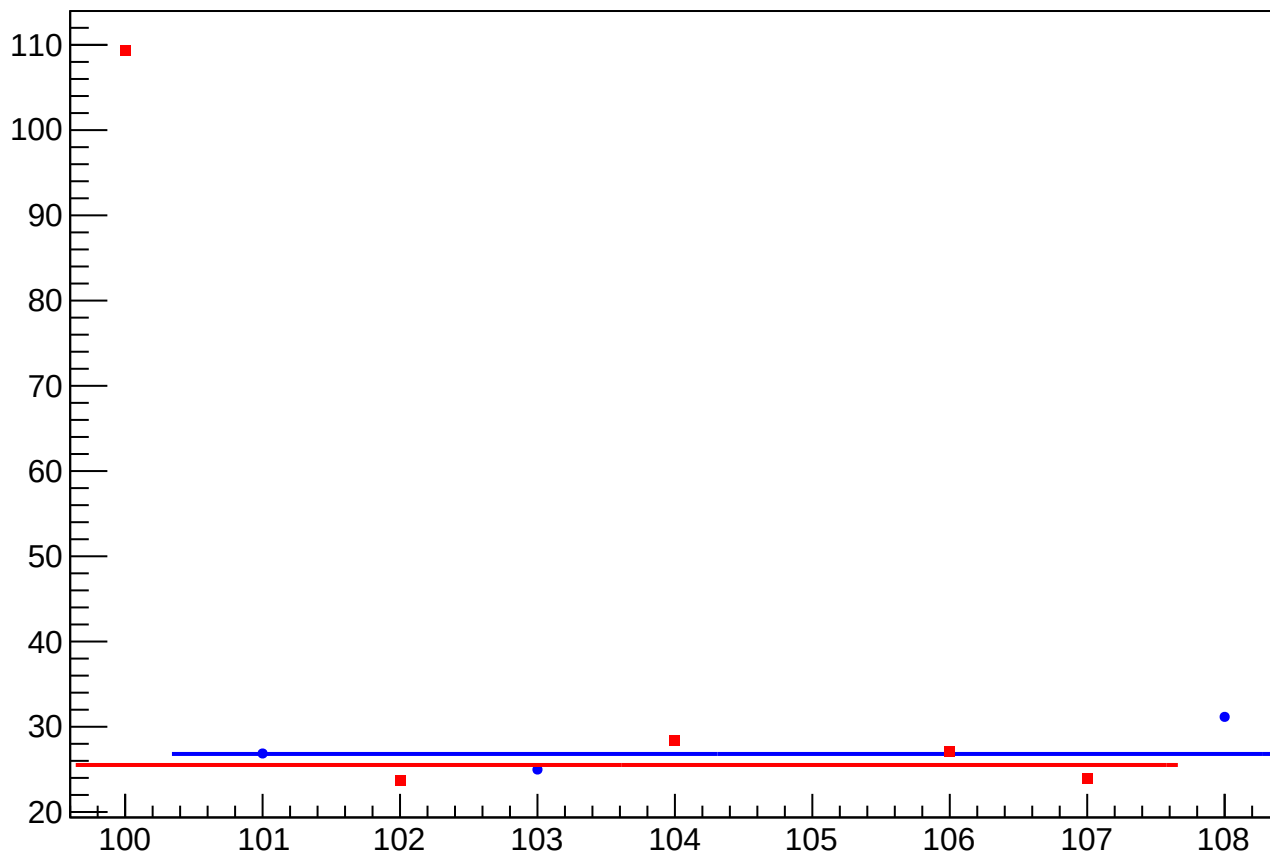
asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 ± 0.021 χ^2/NDF : 0.6/2
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -0.020 ± 0.020 χ^2/NDF : 6.8/4
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -0.011 ± 0.015 χ^2/NDF : 7.8/7
 In: -0.001 ± 0.021 χ^2/NDF : 0.6/2
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -0.011 ± 0.015 χ^2/NDF : 7.8/7

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.810 $\pm$ 0.015 χ^2 /NDF: 21044.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 25.517 $\pm$ 0.014 χ^2 /NDF: 105386.9/4

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

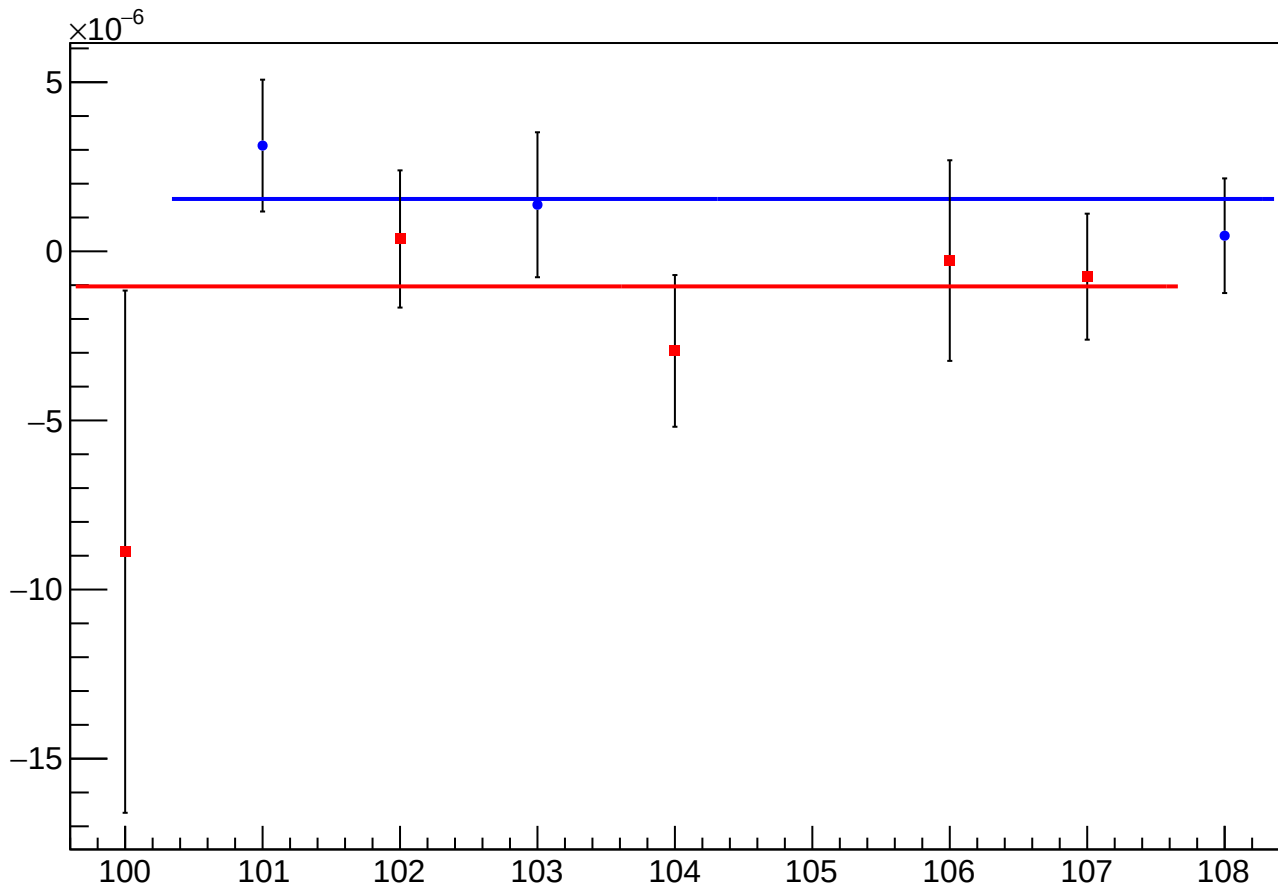
Right: 26.129 $\pm$ 0.010 χ^2 /NDF: 130304.7/7

In: 26.810 $\pm$ 0.015 χ^2 /NDF:21044.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 26.129 $\pm$ 0.010 χ^2 /NDF: 130304.7/7

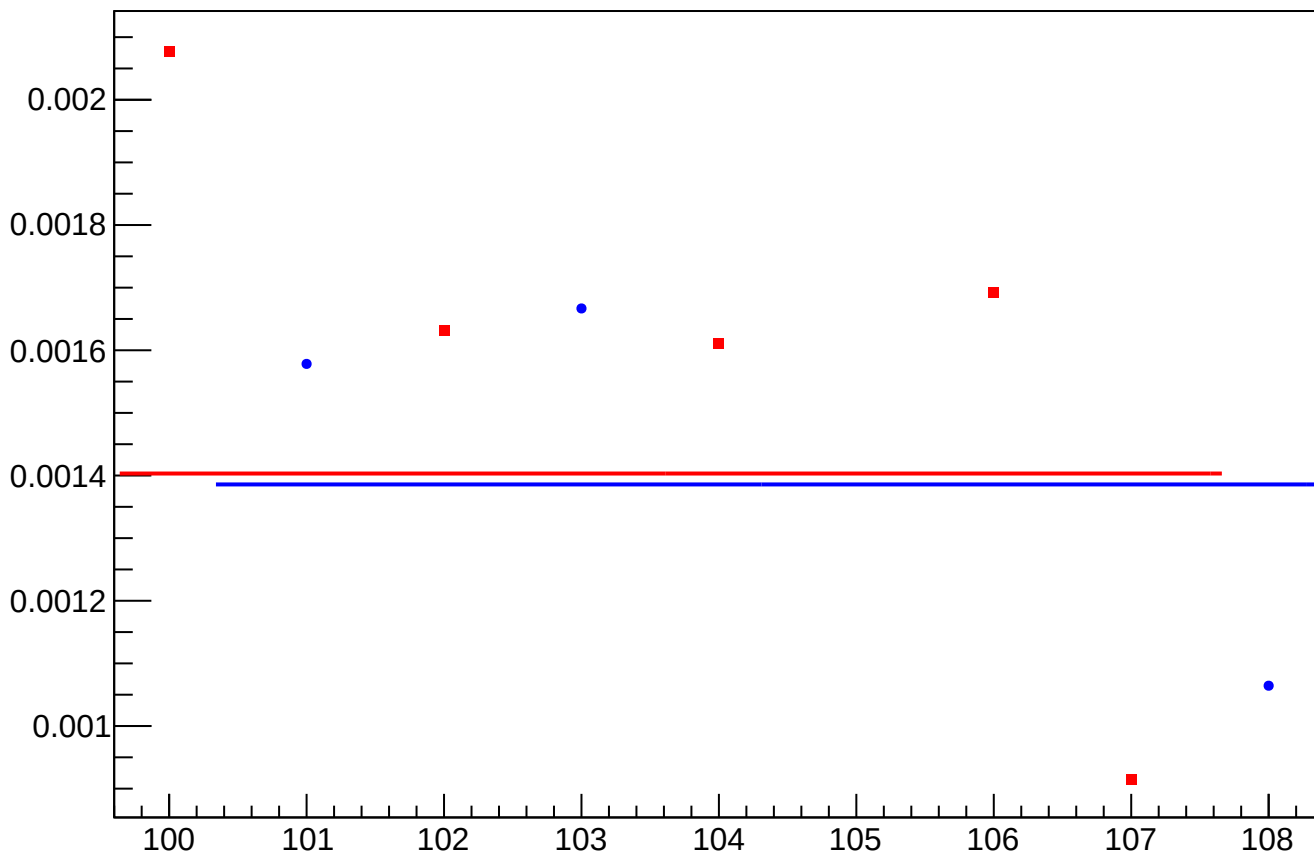
asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.1/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 2.3/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 6.2/7
 In: 0.000+/-0.000 χ^2/NDF : 1.1/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 6.2/7

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 125814.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 214861.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

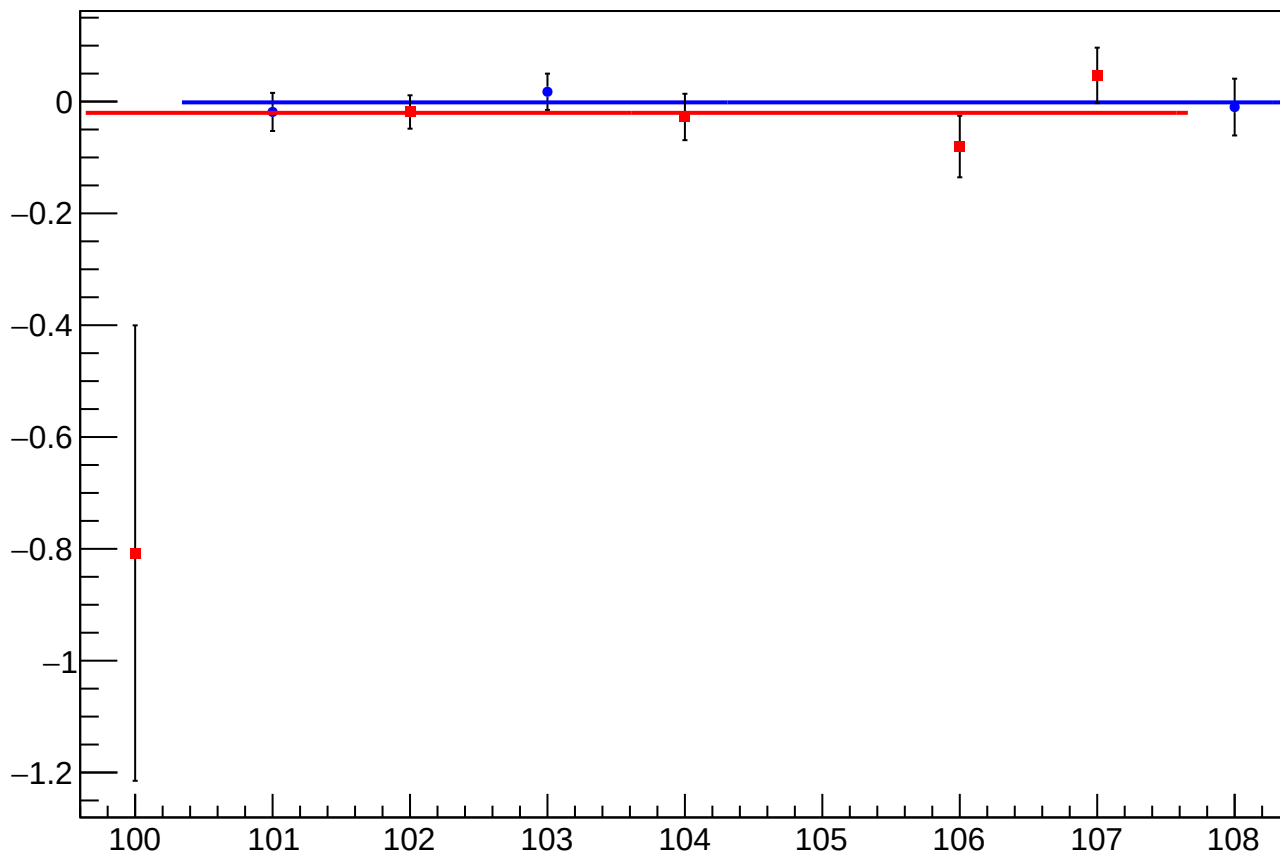
Right: 0.001+/-0.000 χ^2/NDF : 340931.8/7

In: 0.001+/-0.000 χ^2/NDF : 125814.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 340931.8/7

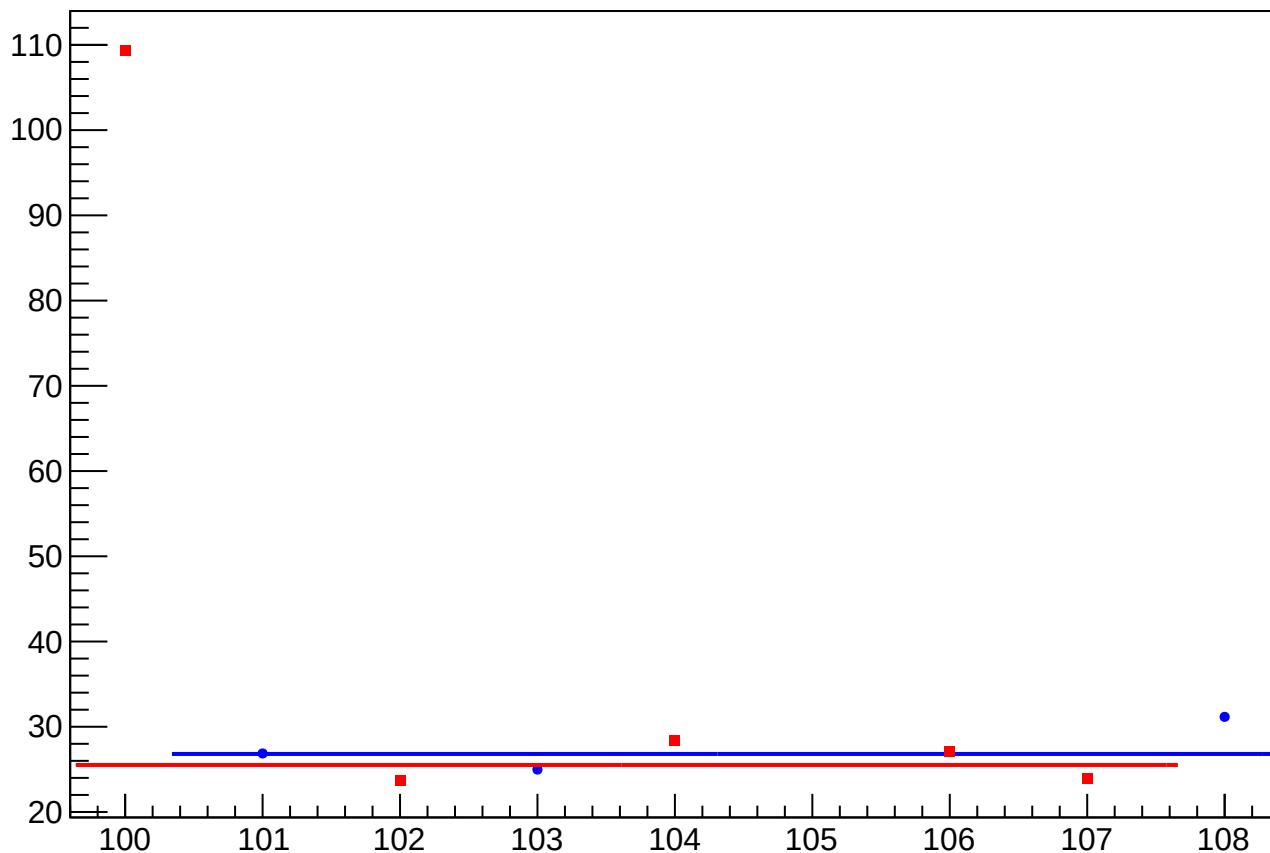
asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 $\pm$ 0.021 χ^2 /NDF: 0.6/2
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.020 $\pm$ 0.020 χ^2 /NDF: 6.8/4
 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: -0.011 $\pm$ 0.015 χ^2 /NDF: 7.8/7
 In: -0.001 $\pm$ 0.021 χ^2 /NDF:0.6/2
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.011 $\pm$ 0.015 χ^2 /NDF: 7.8/7

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.810 $\pm$ 0.015 χ^2 /NDF: 21051.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 25.516 $\pm$ 0.014 χ^2 /NDF: 105385.9/4

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

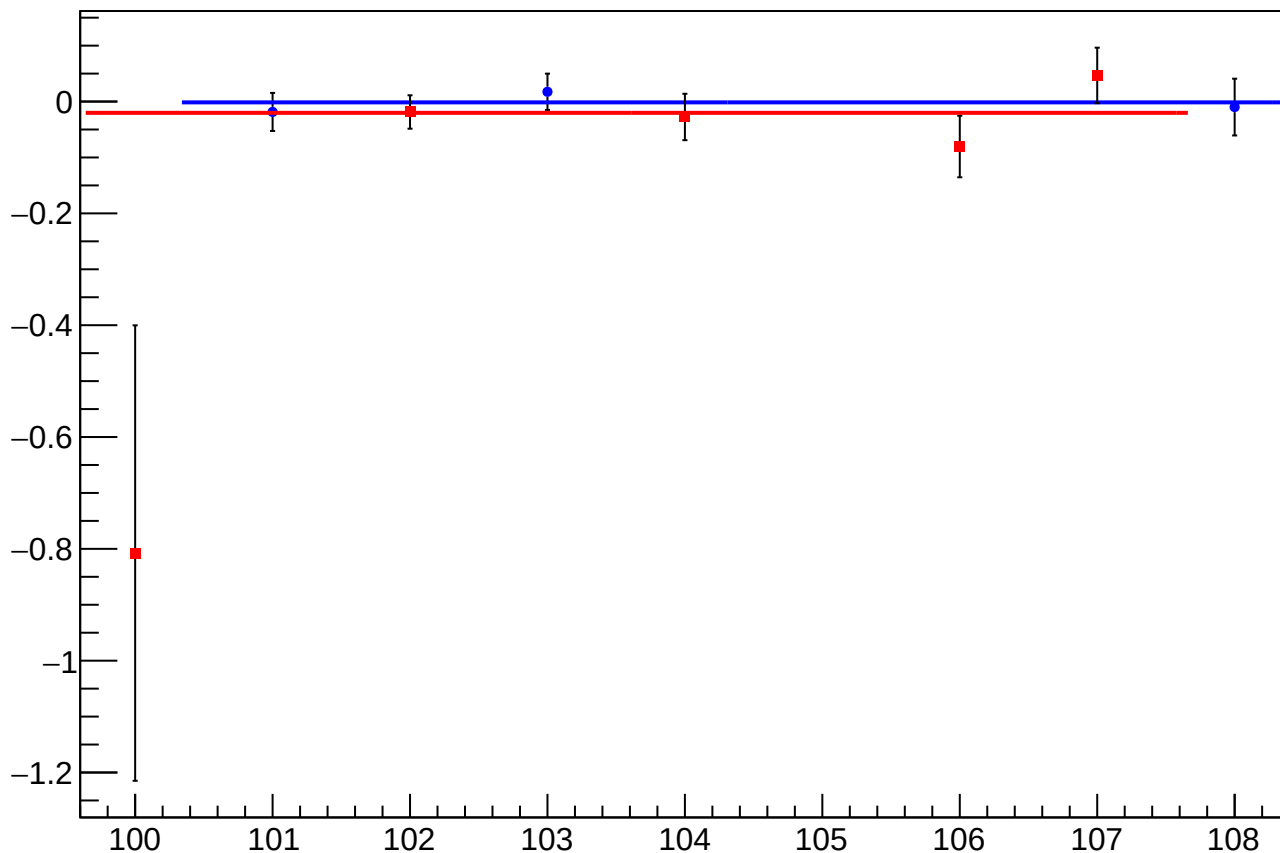
Right: 26.129 $\pm$ 0.010 χ^2 /NDF: 130313.5/7

In: 26.810 $\pm$ 0.015 χ^2 /NDF:21051.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 26.129 $\pm$ 0.010 χ^2 /NDF: 130313.5/7

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 ± 0.021 χ^2/NDF : 0.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.020 ± 0.020 χ^2/NDF : 6.8/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

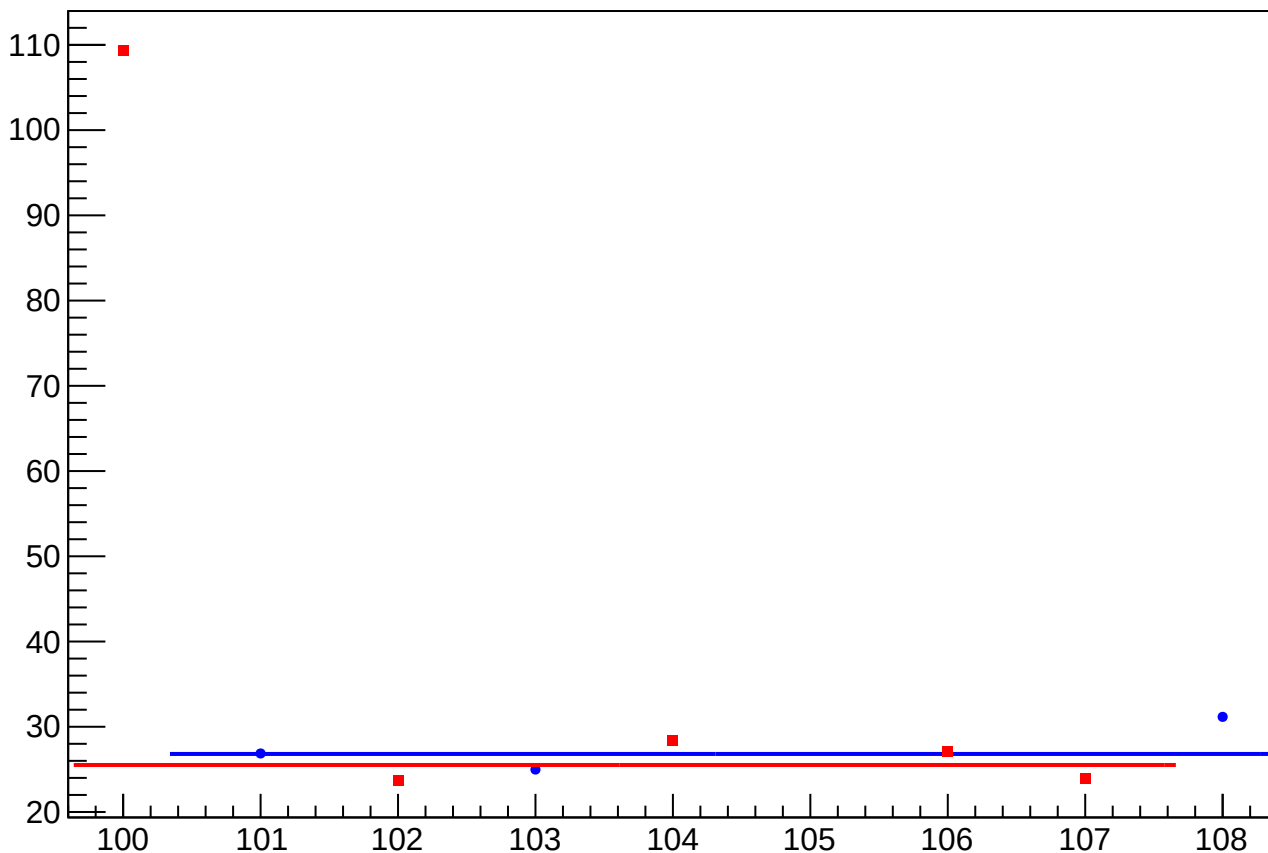
Right: -0.011 ± 0.015 χ^2/NDF : 7.8/7

In: -0.001 ± 0.021 χ^2/NDF : 0.6/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.015 χ^2/NDF : 7.8/7

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.810 $\pm$ 0.015 χ^2 /NDF: 21051.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 25.516 $\pm$ 0.014 χ^2 /NDF: 105385.9/4

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

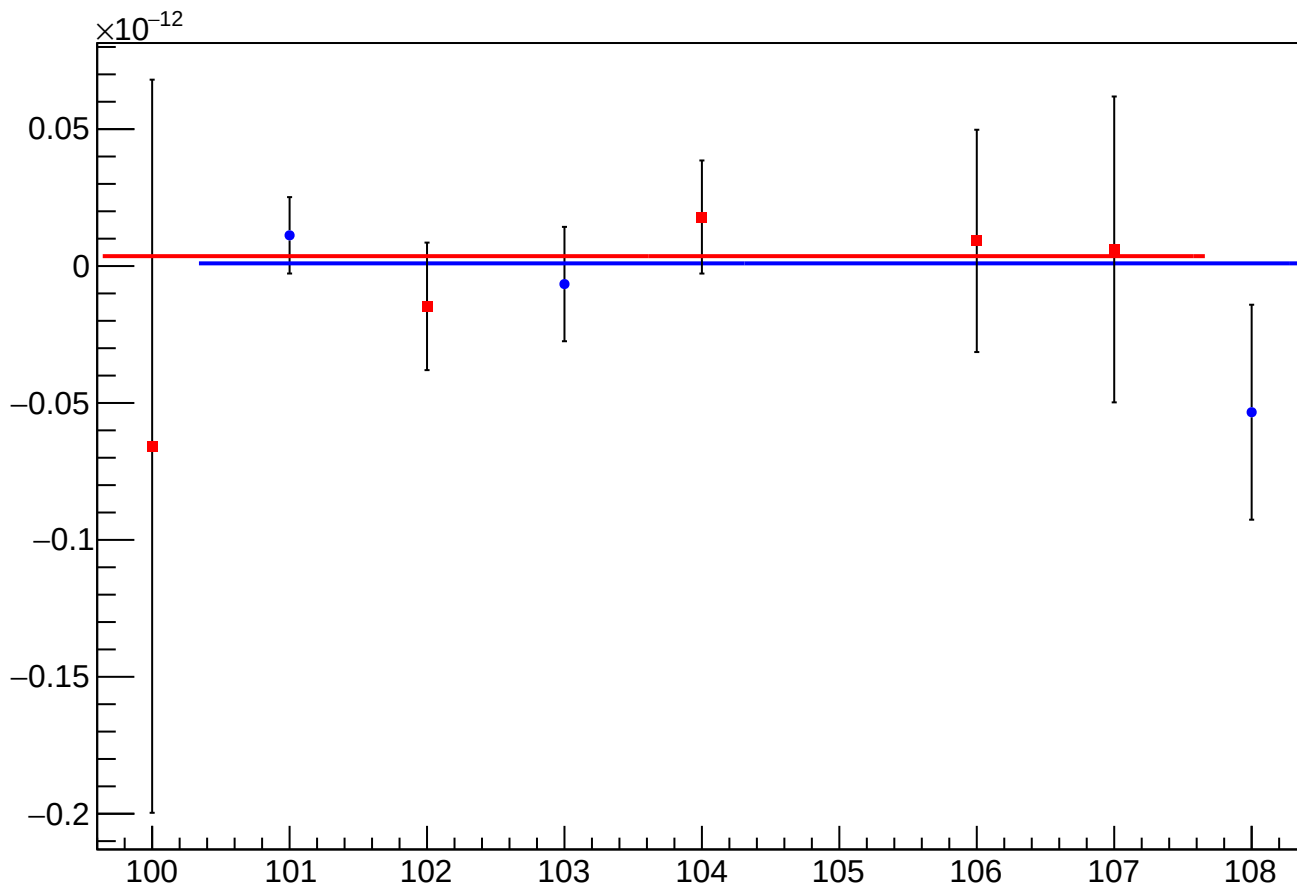
Right: 26.129 $\pm$ 0.010 χ^2 /NDF: 130313.5/7

In: 26.810 $\pm$ 0.015 χ^2 /NDF:21051.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 26.129 $\pm$ 0.010 χ^2 /NDF: 130313.5/7

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.4/4

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

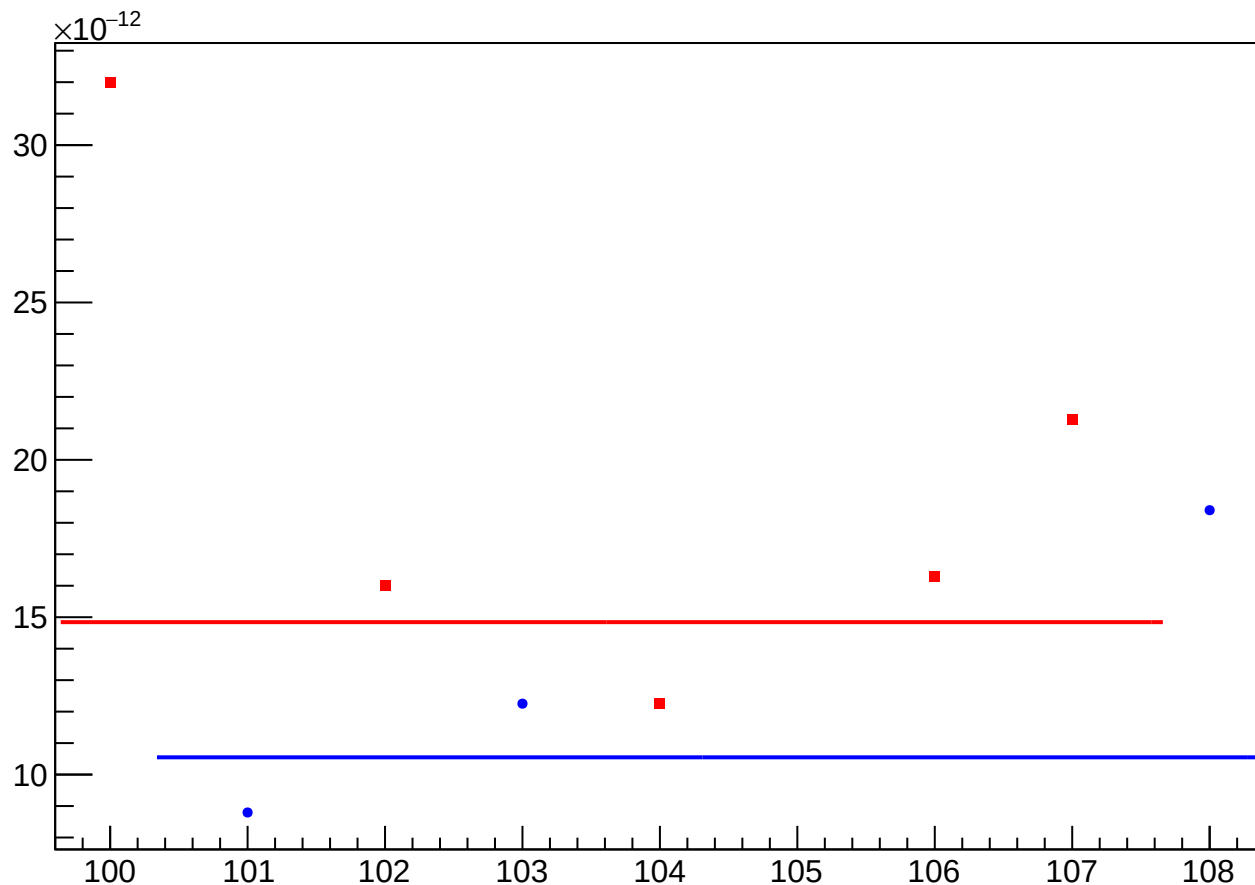
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.0/7

In: 0.000 $\pm$ 0.000 χ^2 /NDF:2.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.0/7

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 124965.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 98340.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

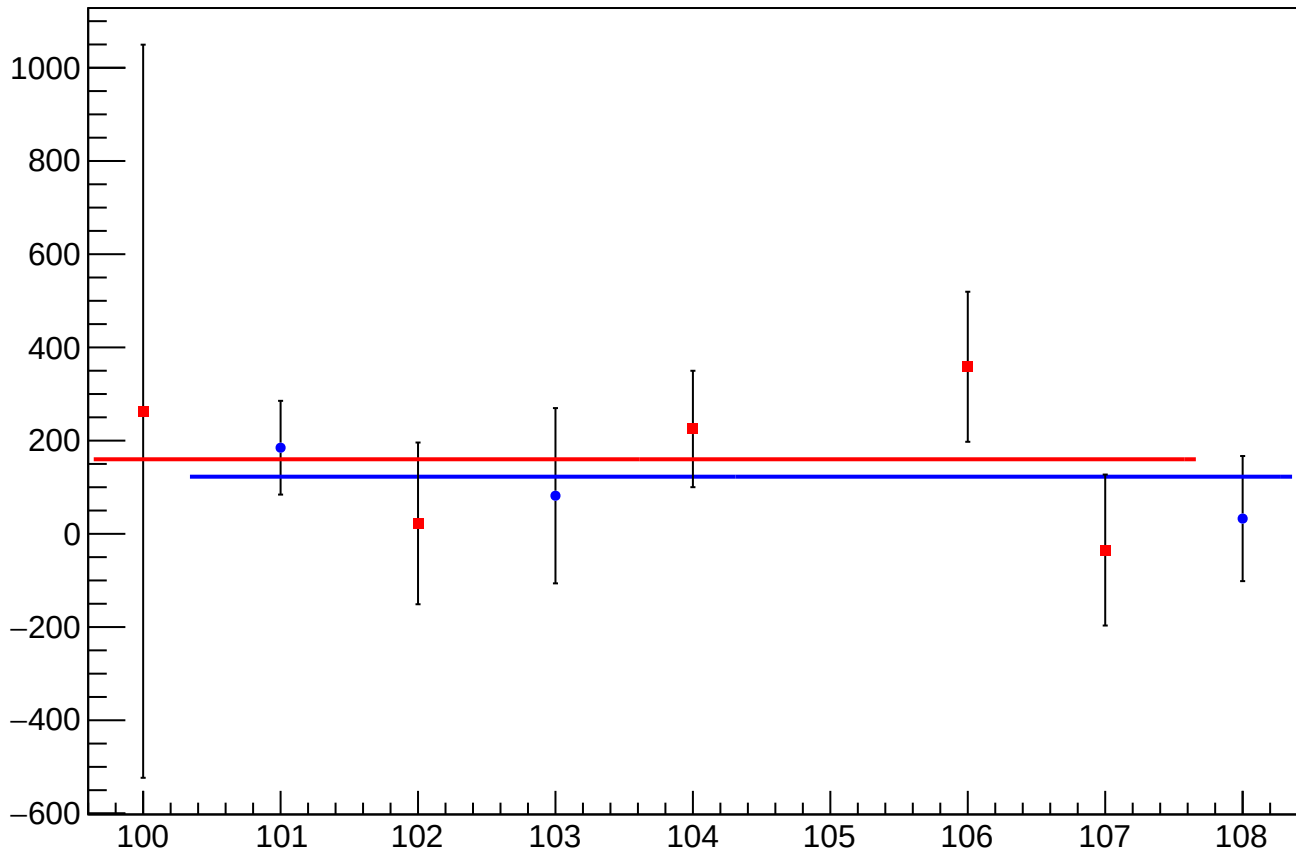
Right: 0.000+/-0.000 χ^2/NDF : 339674.7/7

In: 0.000+/-0.000 χ^2/NDF : 124965.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 339674.7/7

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 122.637 $\pm$ 73.994 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 159.999 $\pm$ 75.448 χ^2 /NDF: 3.9/4

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

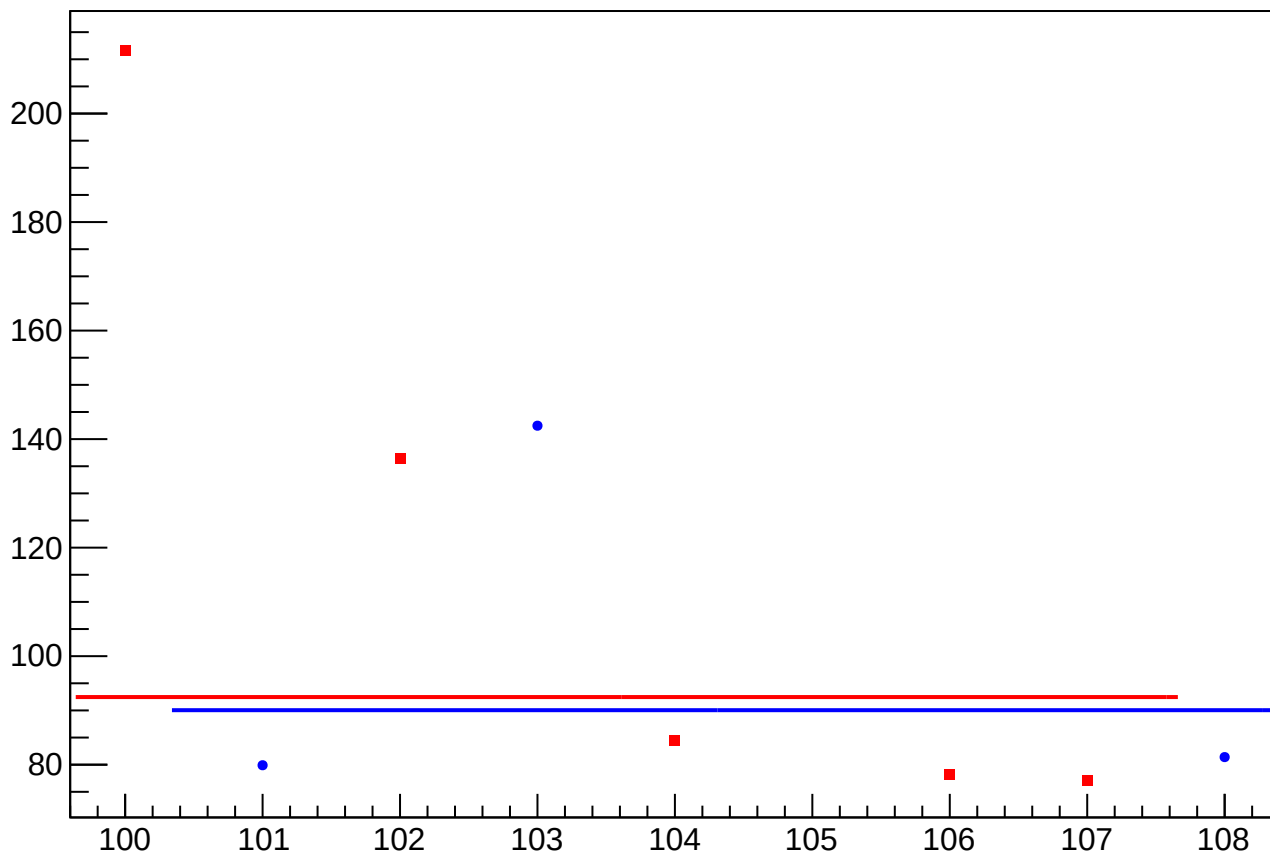
Right: 140.955 $\pm$ 52.828 χ^2 /NDF: 4.9/7

In: 122.637 $\pm$ 73.994 χ^2 /NDF: 0.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 140.955 $\pm$ 52.828 χ^2 /NDF: 4.9/7

reg_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 90.044+/-0.052 χ^2/NDF : 184116.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.464+/-0.053 χ^2/NDF : 216265.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

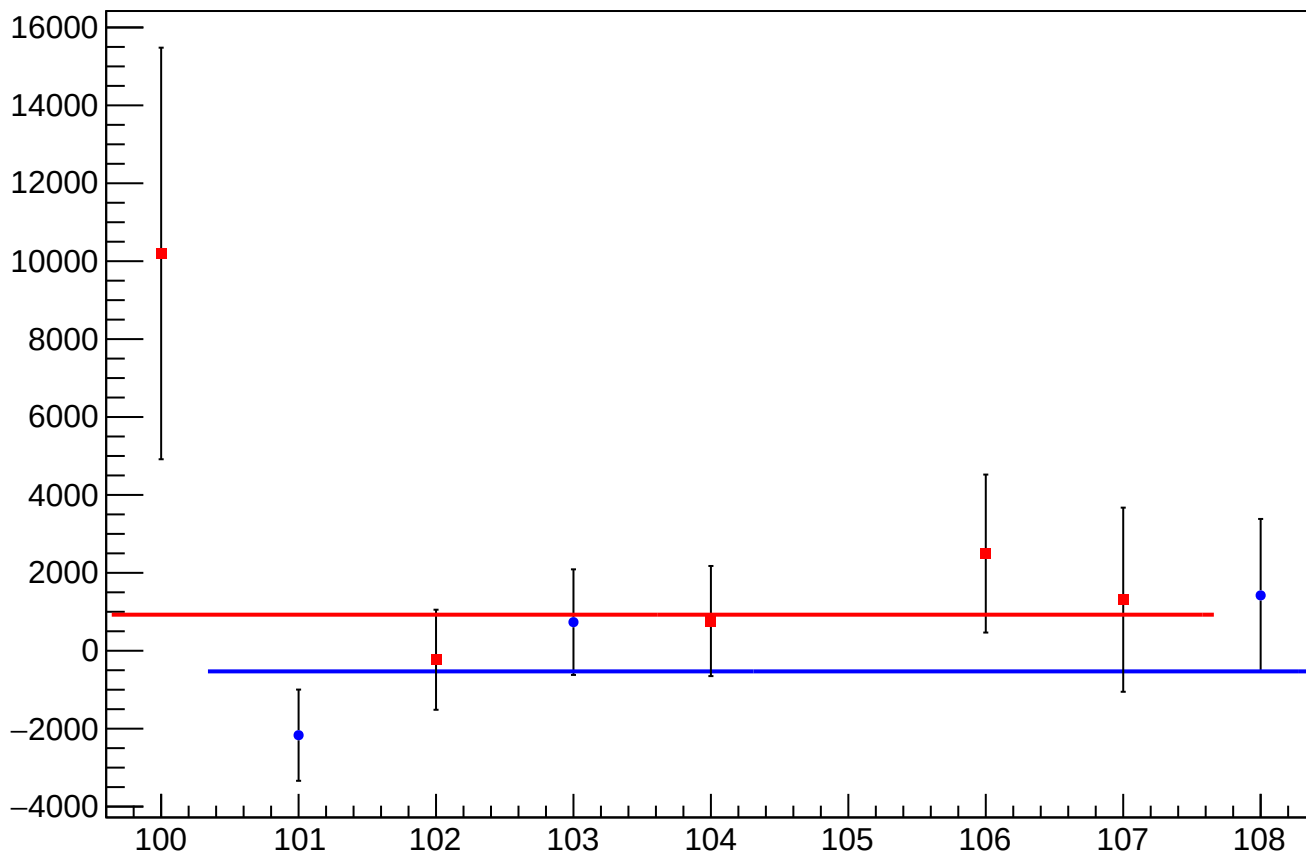
Right: 91.230+/-0.037 χ^2/NDF : 401432.0/7

In: 90.044+/-0.052 χ^2/NDF : 184116.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.230+/-0.037 χ^2/NDF : 401432.0/7

asym_sam_12345678_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -529.507+/-807.439 χ^2 /NDF: 3.8/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 925.771+/-799.385 χ^2 /NDF: 4.5/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

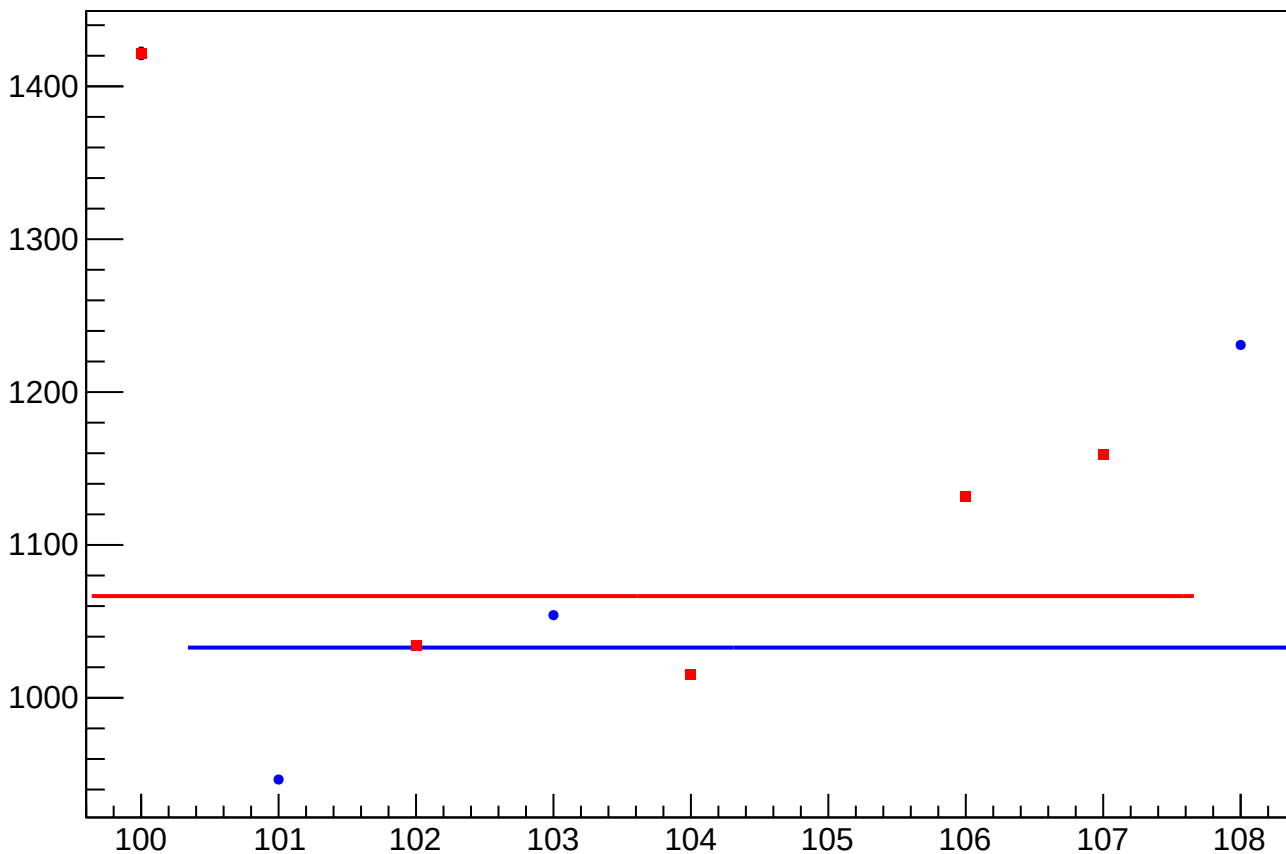
Right: 205.426+/-568.077 χ^2 /NDF: 10.0/7

In: -529.507+/-807.439 χ^2 /NDF:3.8/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 205.426+/-568.077 χ^2 /NDF: 10.0/7

asym_sam_12345678_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1032.861+/-0.571 χ^2/NDF : 31717.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1066.547+/-0.565 χ^2/NDF : 18081.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

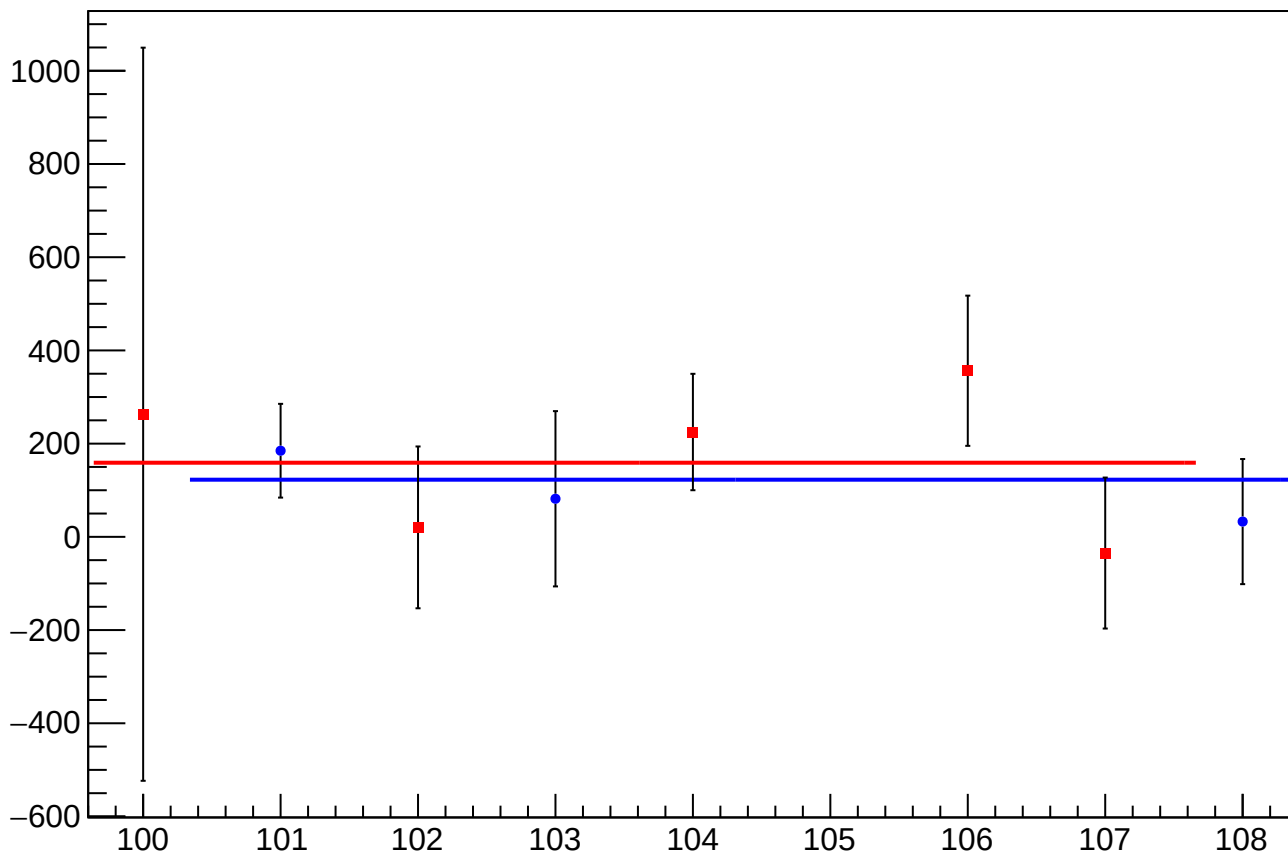
Right: 1049.873+/-0.402 χ^2/NDF : 51556.6/7

In: 1032.861+/-0.571 χ^2/NDF : 31717.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1049.873+/-0.402 χ^2/NDF : 51556.6/7

cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 122.622 $\pm$ 73.994 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 159.054 $\pm$ 75.473 χ^2 /NDF: 3.9/4

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

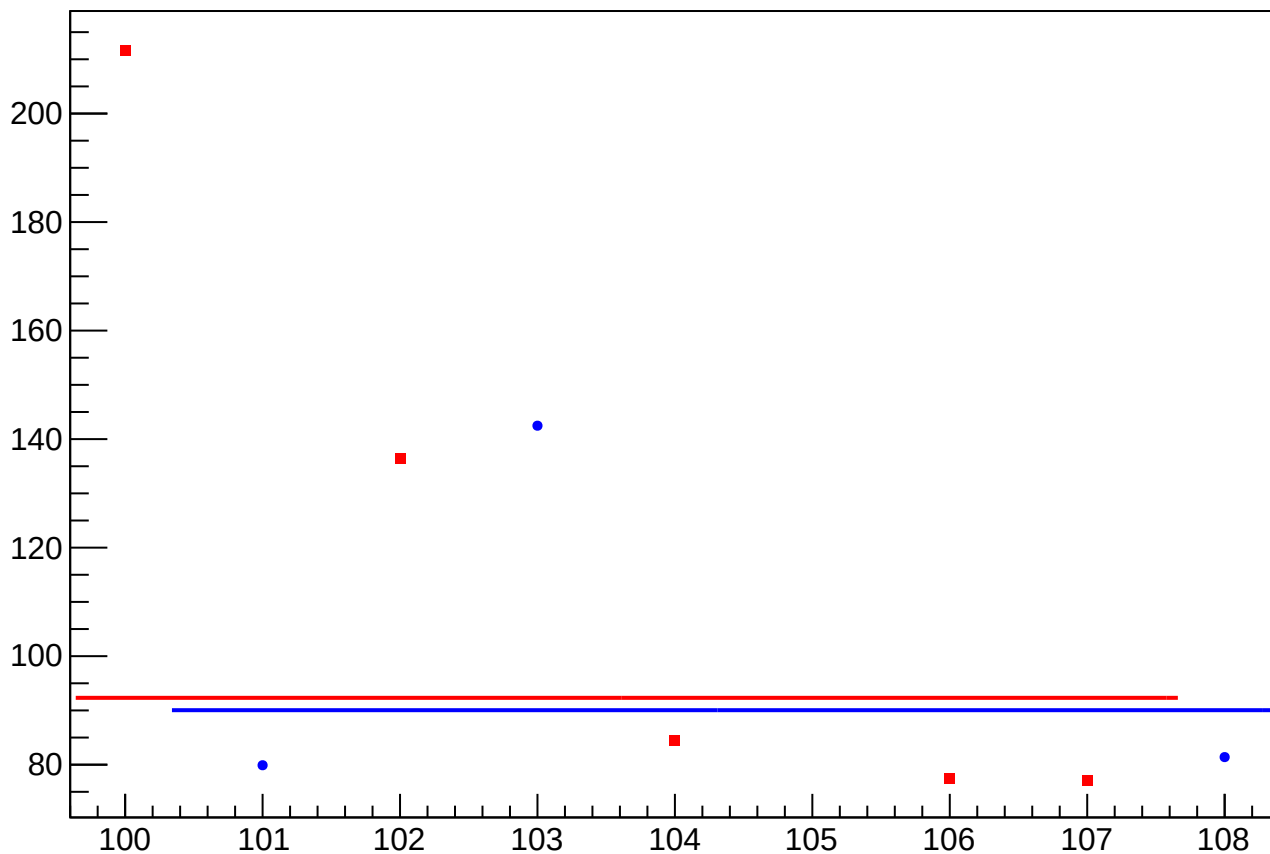
Right: 140.478 $\pm$ 52.837 χ^2 /NDF: 4.9/7

In: 122.622 $\pm$ 73.994 χ^2 /NDF: 0.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 140.478 $\pm$ 52.837 χ^2 /NDF: 4.9/7

cor_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 90.044+/-0.052 χ^2/NDF : 184119.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.322+/-0.053 χ^2/NDF : 218051.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

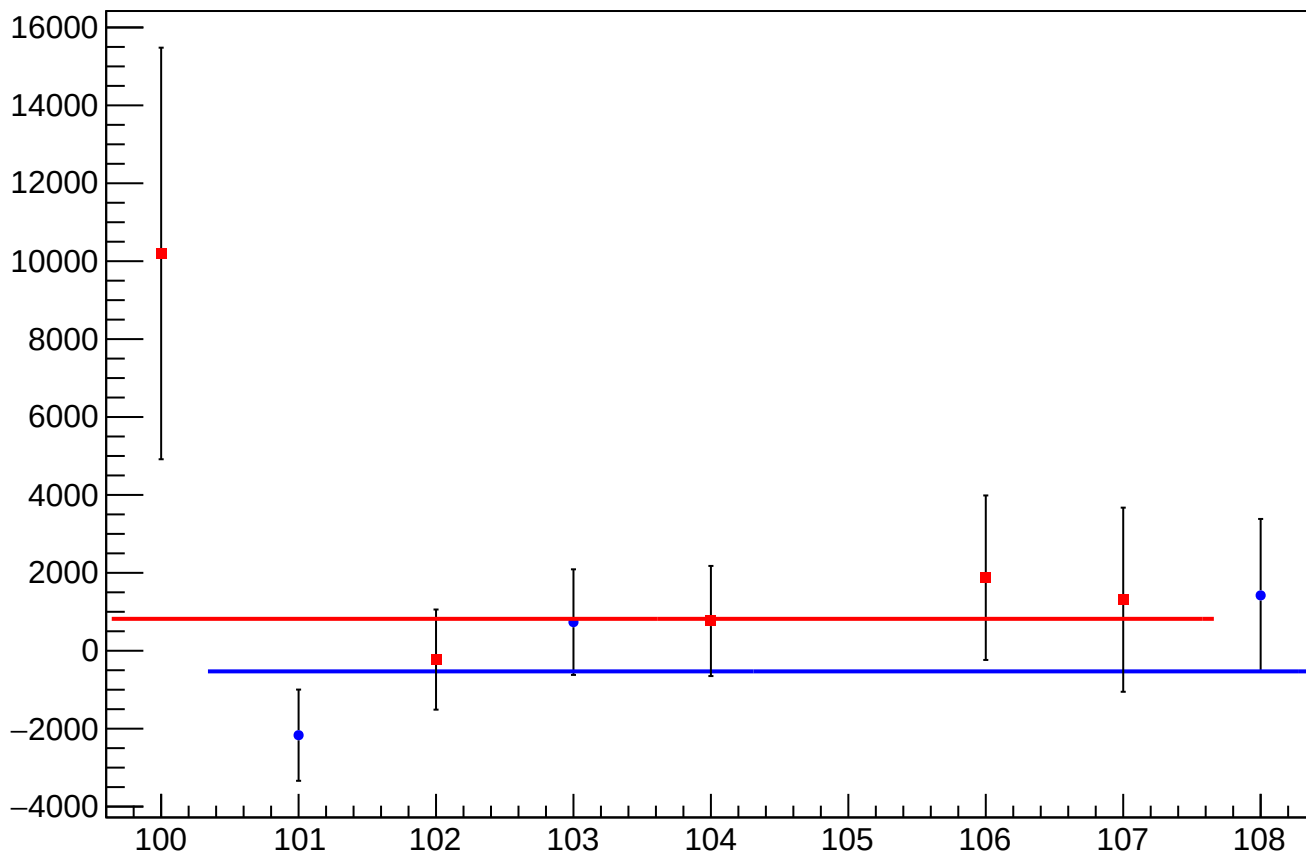
Right: 91.160+/-0.037 χ^2/NDF : 403100.3/7

In: 90.044+/-0.052 χ^2/NDF : 184119.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.160+/-0.037 χ^2/NDF : 403100.3/7

asym_sam_12345678_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -529.381+/-807.462 χ^2/NDF : 3.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 819.304+/-804.482 χ^2/NDF : 4.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

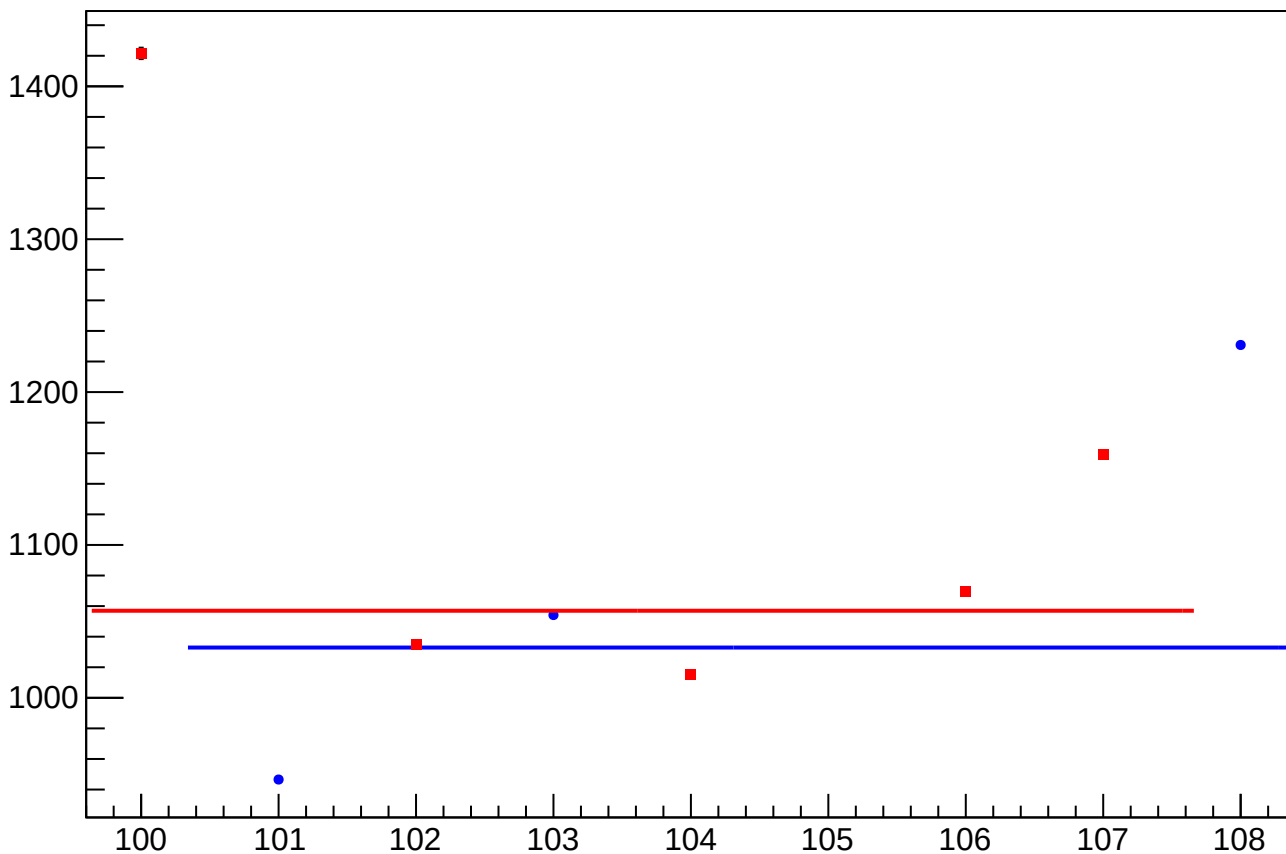
Right: 147.455+/-569.906 χ^2/NDF : 9.3/7

In: -529.381+/-807.462 χ^2/NDF : 3.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.455+/-569.906 χ^2/NDF : 9.3/7

asym_sam_12345678_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1032.889+/-0.571 χ^2/NDF : 31720.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1056.960+/-0.569 χ^2/NDF : 15655.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

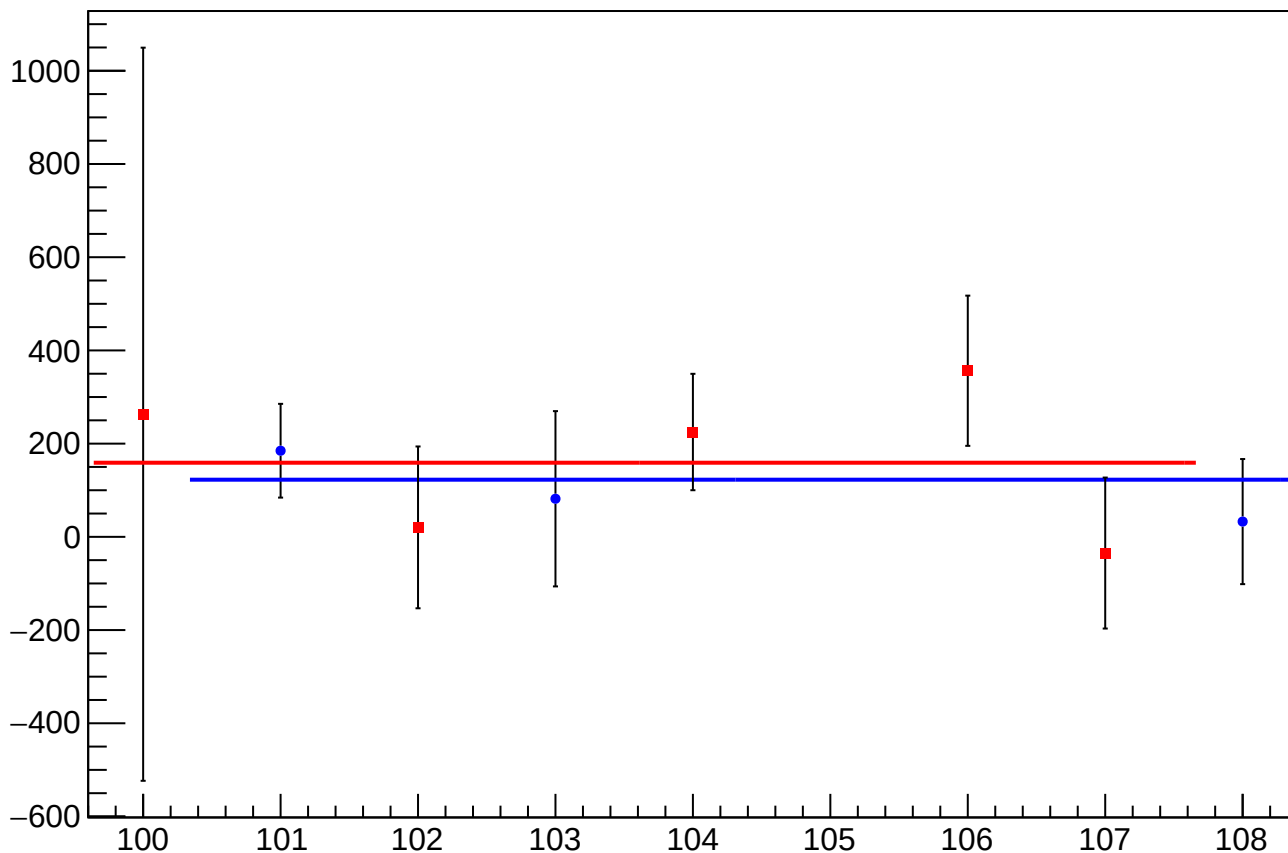
Right: 1044.969+/-0.403 χ^2/NDF : 48268.3/7

In: 1032.889+/-0.571 χ^2/NDF : 31720.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1044.969+/-0.403 χ^2/NDF : 48268.3/7

eigen_cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 122.622+/-73.994 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 159.054+/-75.473 χ^2/NDF : 3.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

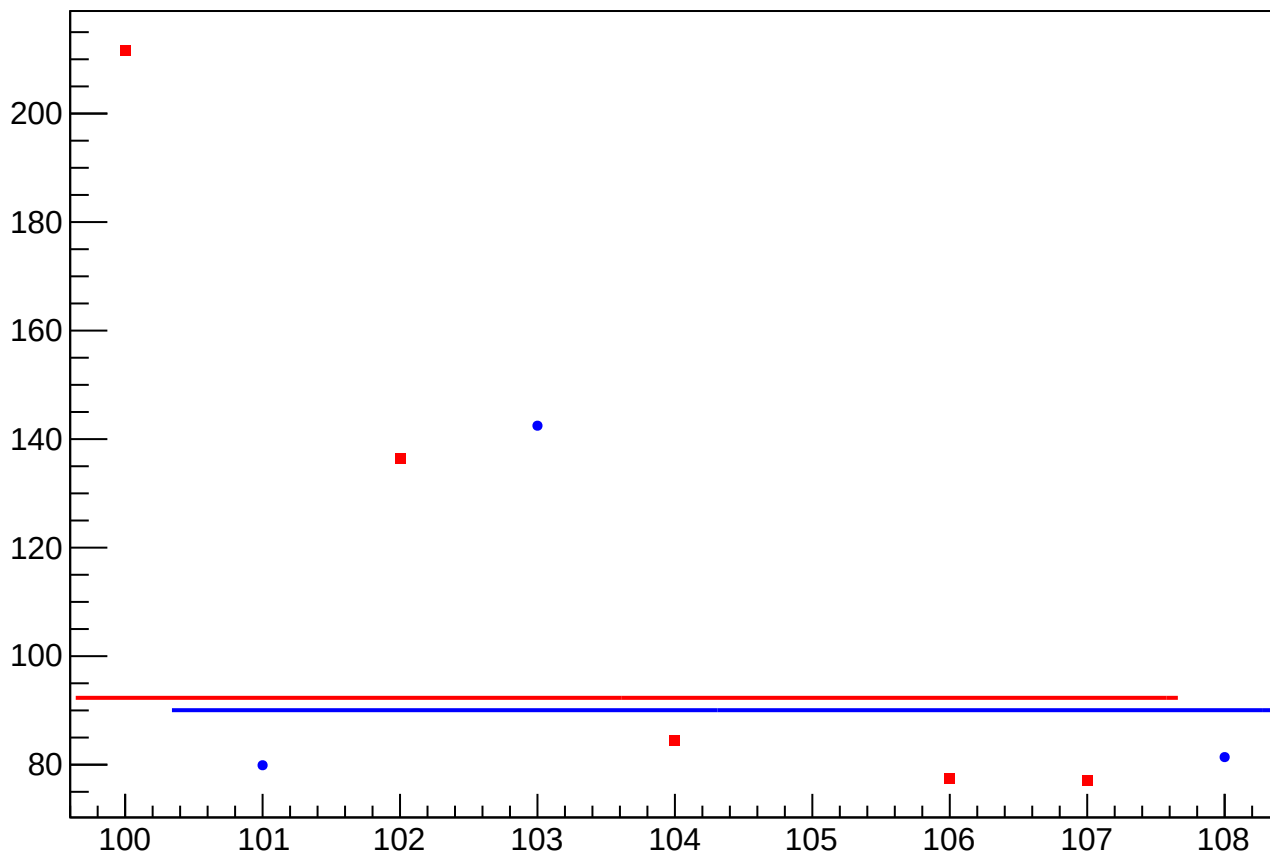
Right: 140.478+/-52.837 χ^2/NDF : 4.9/7

In: 122.622+/-73.994 χ^2/NDF : 0.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.478+/-52.837 χ^2/NDF : 4.9/7

eigen_cor_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 90.044+/-0.052 χ^2/NDF : 184119.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.322+/-0.053 χ^2/NDF : 218051.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

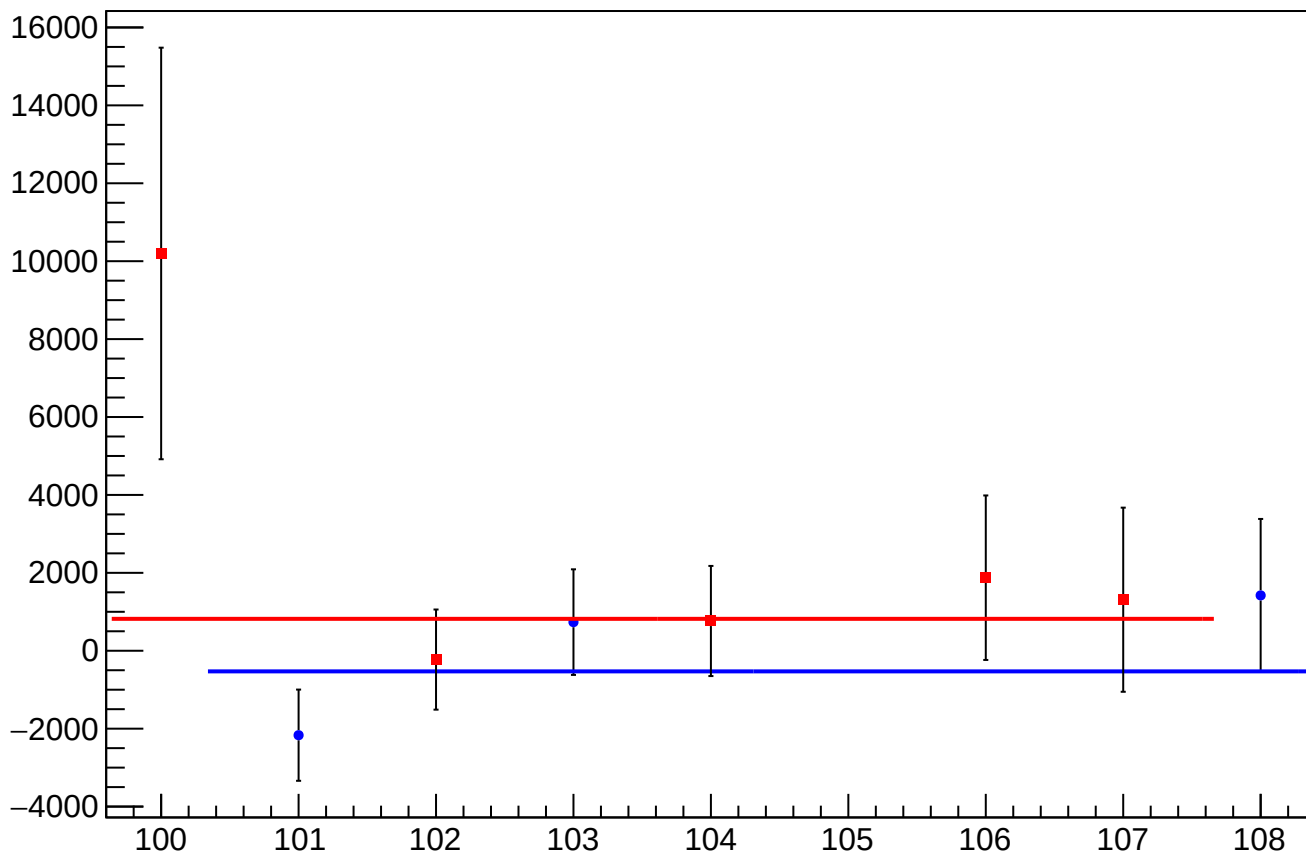
Right: 91.160+/-0.037 χ^2/NDF : 403100.3/7

In: 90.044+/-0.052 χ^2/NDF : 184119.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.160+/-0.037 χ^2/NDF : 403100.3/7

asym_sam_12345678_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -529.381+/-807.462 χ^2/NDF : 3.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 819.304+/-804.482 χ^2/NDF : 4.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

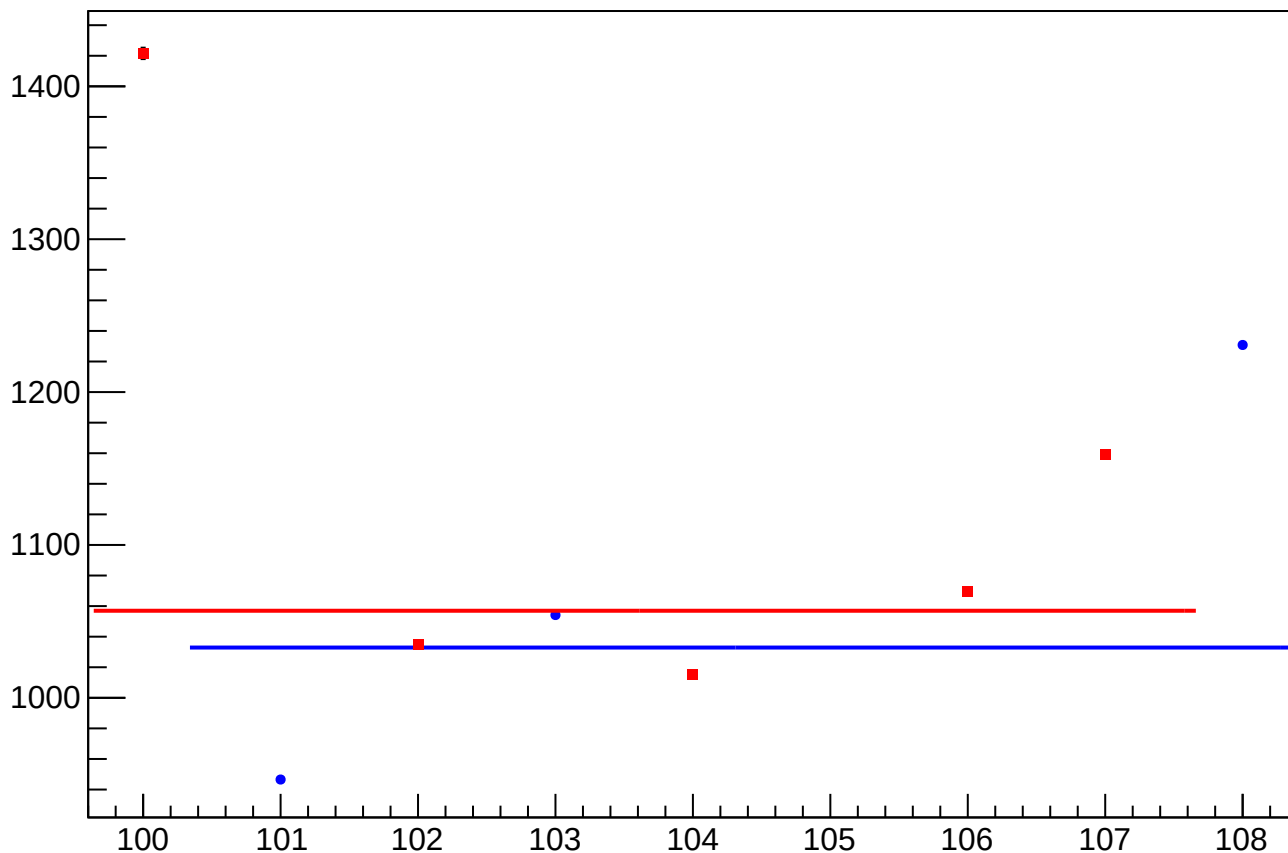
Right: 147.455+/-569.906 χ^2/NDF : 9.3/7

In: -529.381+/-807.462 χ^2/NDF : 3.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.455+/-569.906 χ^2/NDF : 9.3/7

asym_sam_12345678_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1032.889+/-0.571 χ^2/NDF : 31720.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1056.960+/-0.569 χ^2/NDF : 15655.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

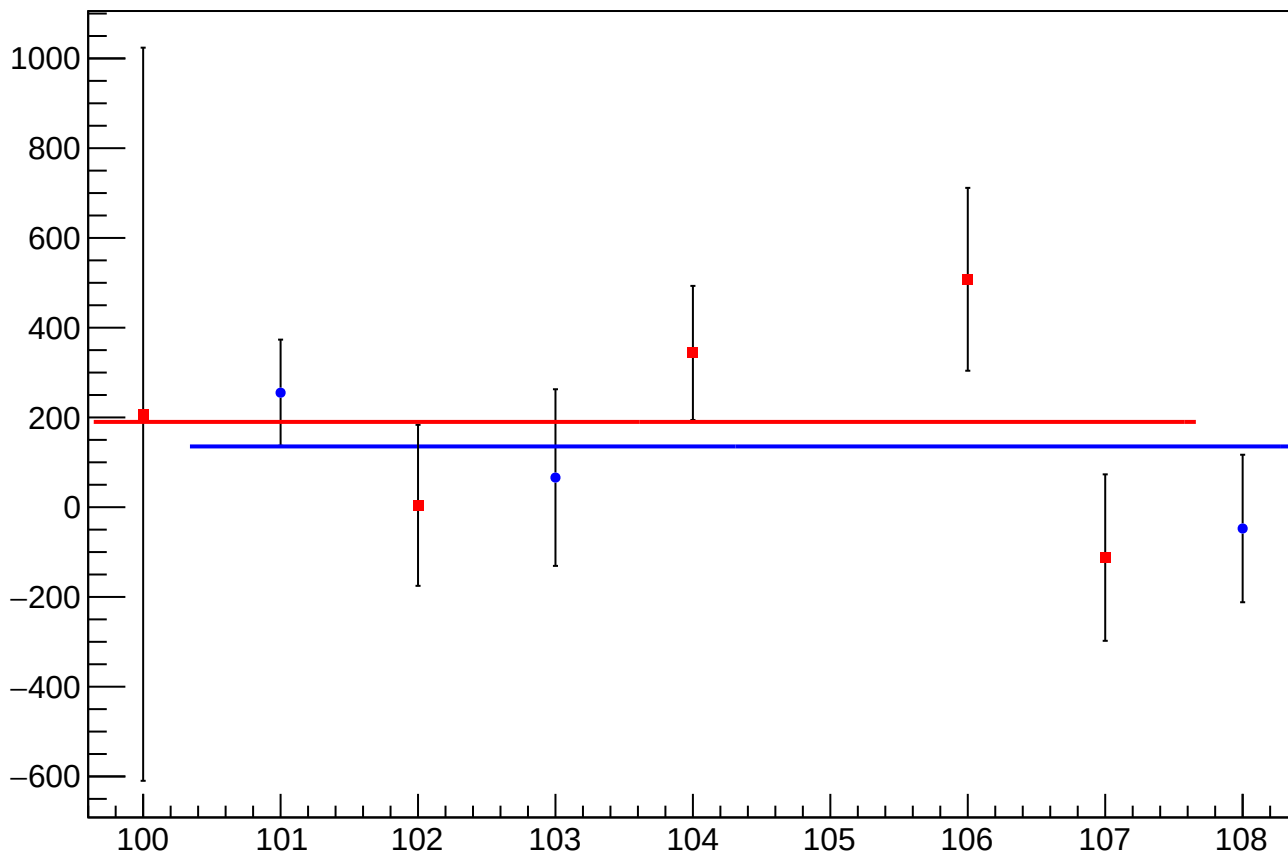
Right: 1044.969+/-0.403 χ^2/NDF : 48268.3/7

In: 1032.889+/-0.571 χ^2/NDF : 31720.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1044.969+/-0.403 χ^2/NDF : 48268.3/7

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 135.384 $\pm$ 86.283 χ^2 /NDF: 2.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 190.048 $\pm$ 87.527 χ^2 /NDF: 7.2/4

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

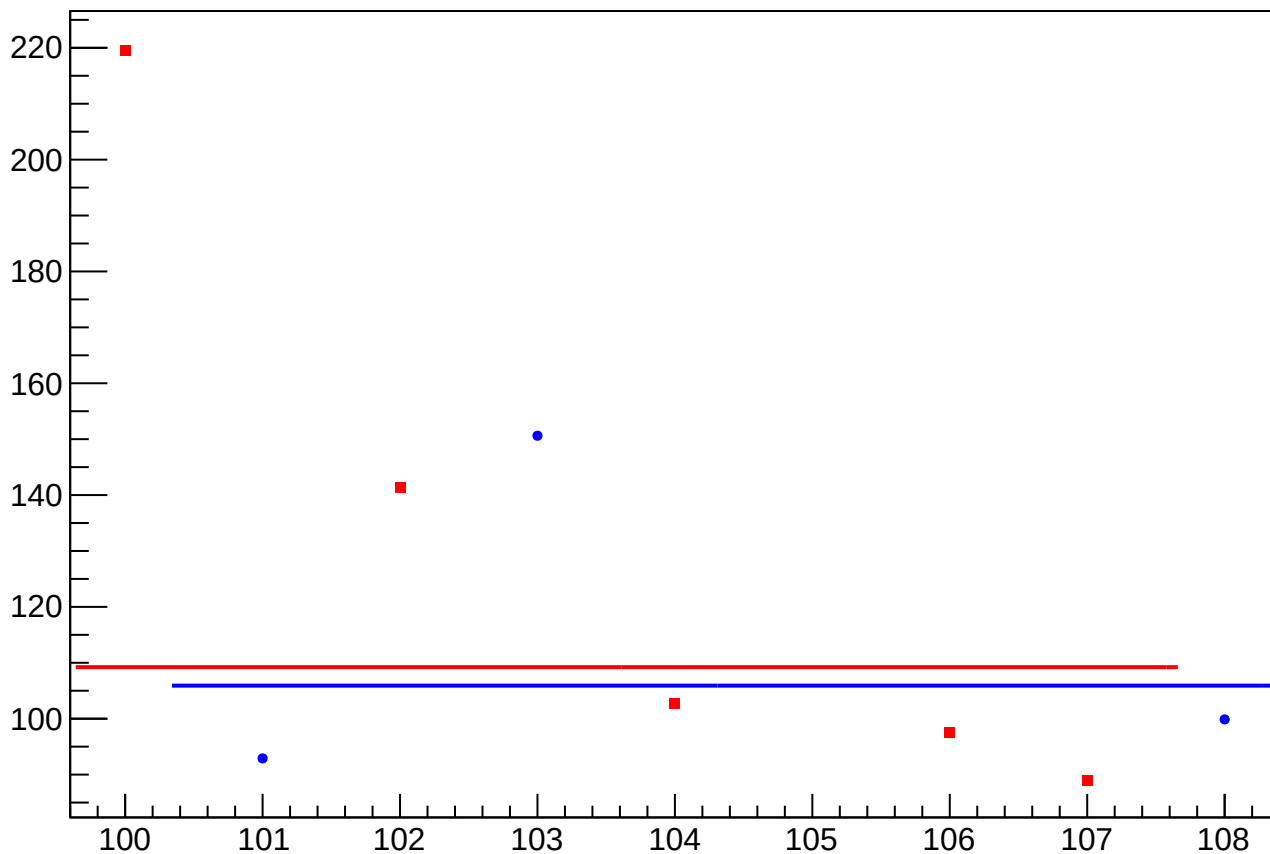
Right: 162.325 $\pm$ 61.446 χ^2 /NDF: 9.8/7

In: 135.384 $\pm$ 86.283 χ^2 /NDF: 2.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 162.325 $\pm$ 61.446 χ^2 /NDF: 9.8/7

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 105.912+/-0.061 χ^2/NDF : 130085.7/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 109.224+/-0.062 χ^2/NDF : 134467.1/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

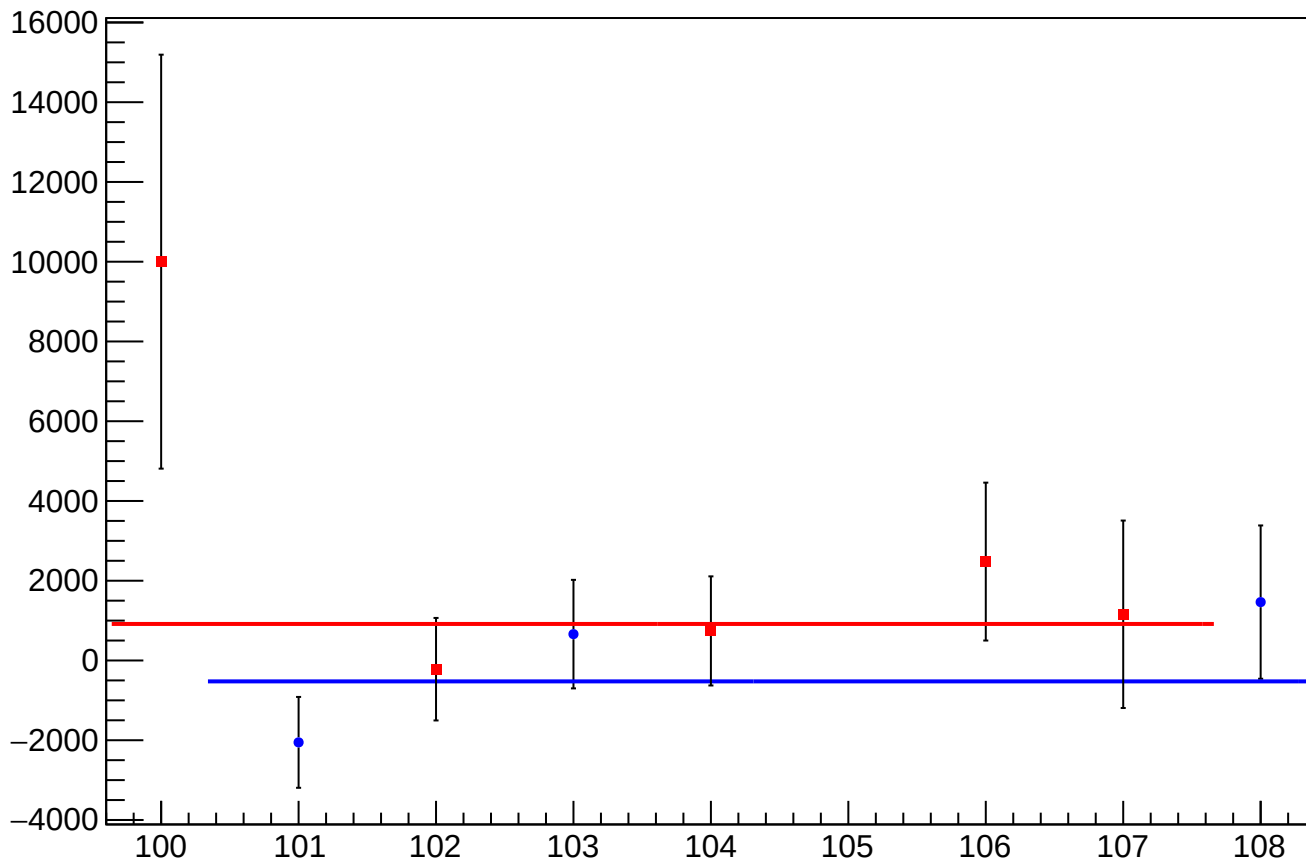
Right: 107.545+/-0.043 χ^2/NDF : 266004.9/7

In: 105.912+/-0.061 χ^2/NDF :130085.7/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 107.545+/-0.043 χ^2/NDF : 266004.9/7

asym_sam_12345678_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -524.236+/-795.279 χ^2/NDF : 3.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 916.007+/-787.433 χ^2/NDF : 4.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

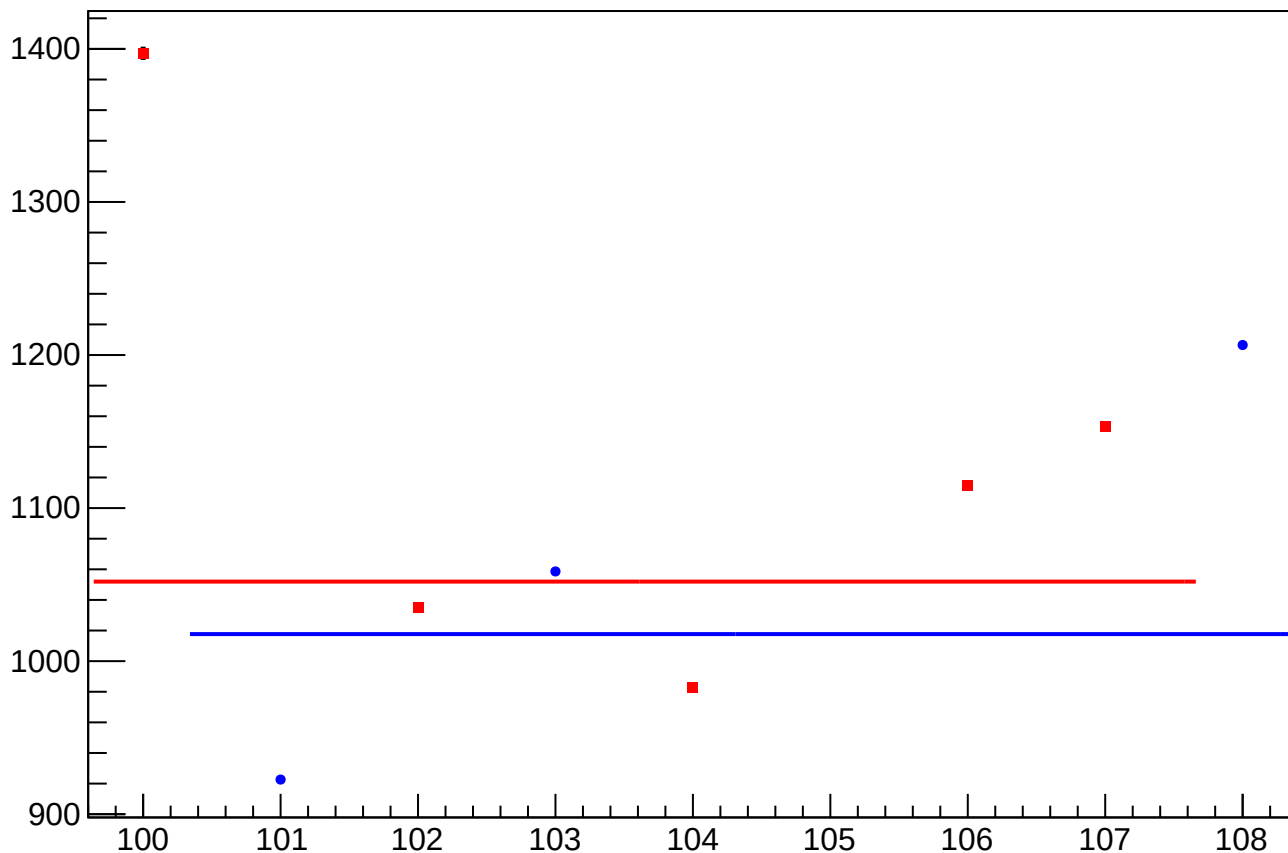
Right: 203.025+/-559.553 χ^2/NDF : 9.8/7

In: -524.236+/-795.279 χ^2/NDF : 3.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.025+/-559.553 χ^2/NDF : 9.8/7

asym_sam_12345678_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1017.678+/-0.562 χ^2/NDF : 35039.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1051.968+/-0.557 χ^2/NDF : 20022.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

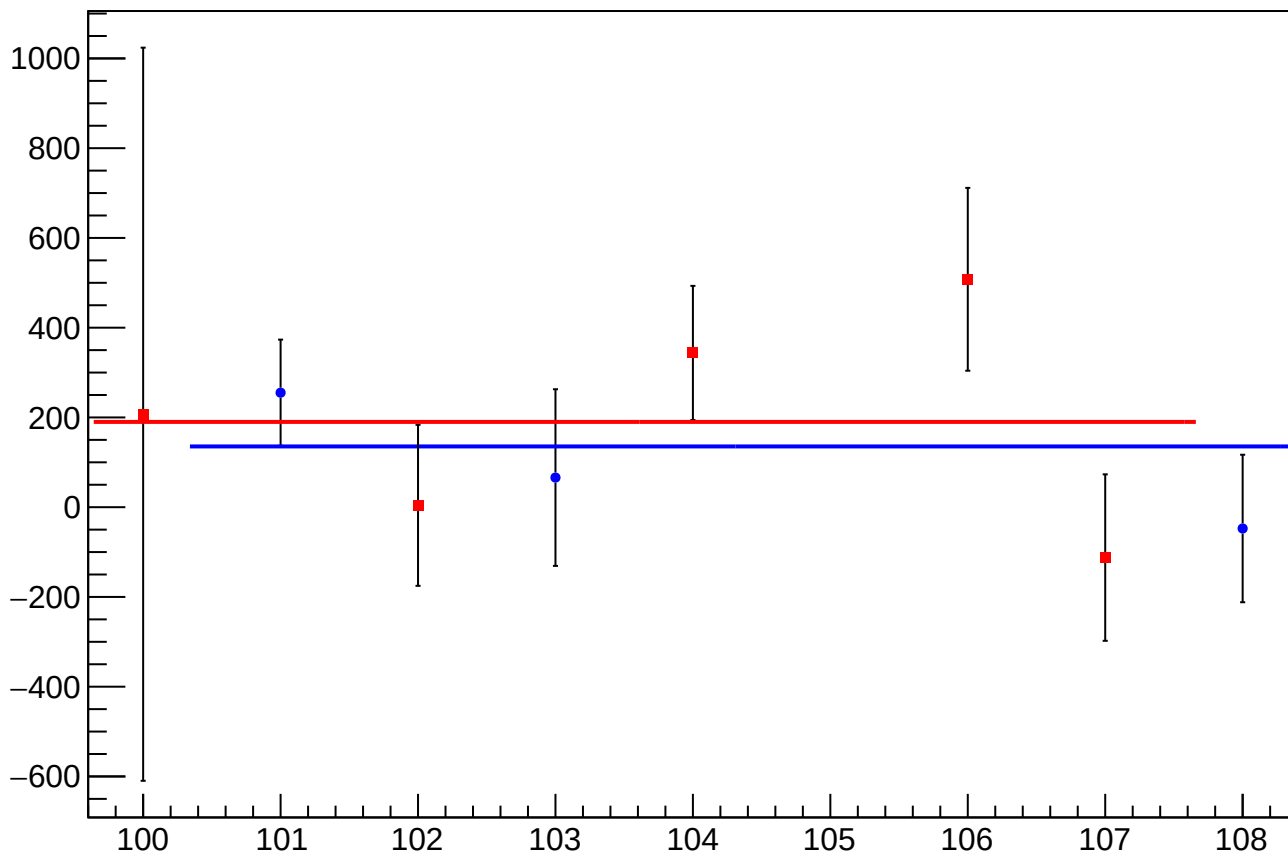
Right: 1034.993+/-0.396 χ^2/NDF : 56939.0/7

In: 1017.678+/-0.562 χ^2/NDF : 35039.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1034.993+/-0.396 χ^2/NDF : 56939.0/7

eigen_dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 135.384 $\pm$ 86.283 χ^2 /NDF: 2.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 190.049 $\pm$ 87.527 χ^2 /NDF: 7.2/4

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

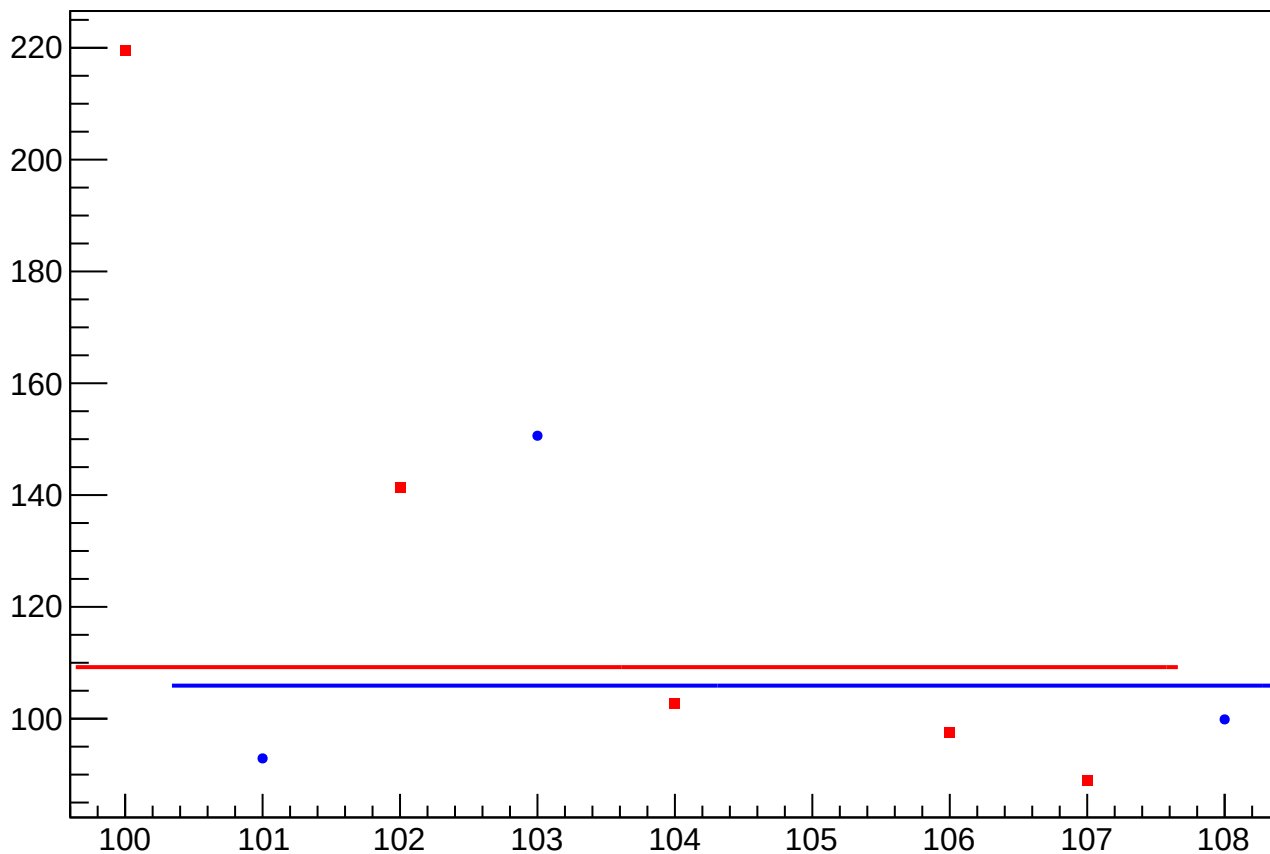
Right: 162.325 $\pm$ 61.447 χ^2 /NDF: 9.8/7

In: 135.384 $\pm$ 86.283 χ^2 /NDF: 2.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 162.325 $\pm$ 61.447 χ^2 /NDF: 9.8/7

eigen_dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 105.913+/-0.061 χ^2/NDF : 130081.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.225+/-0.062 χ^2/NDF : 134466.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

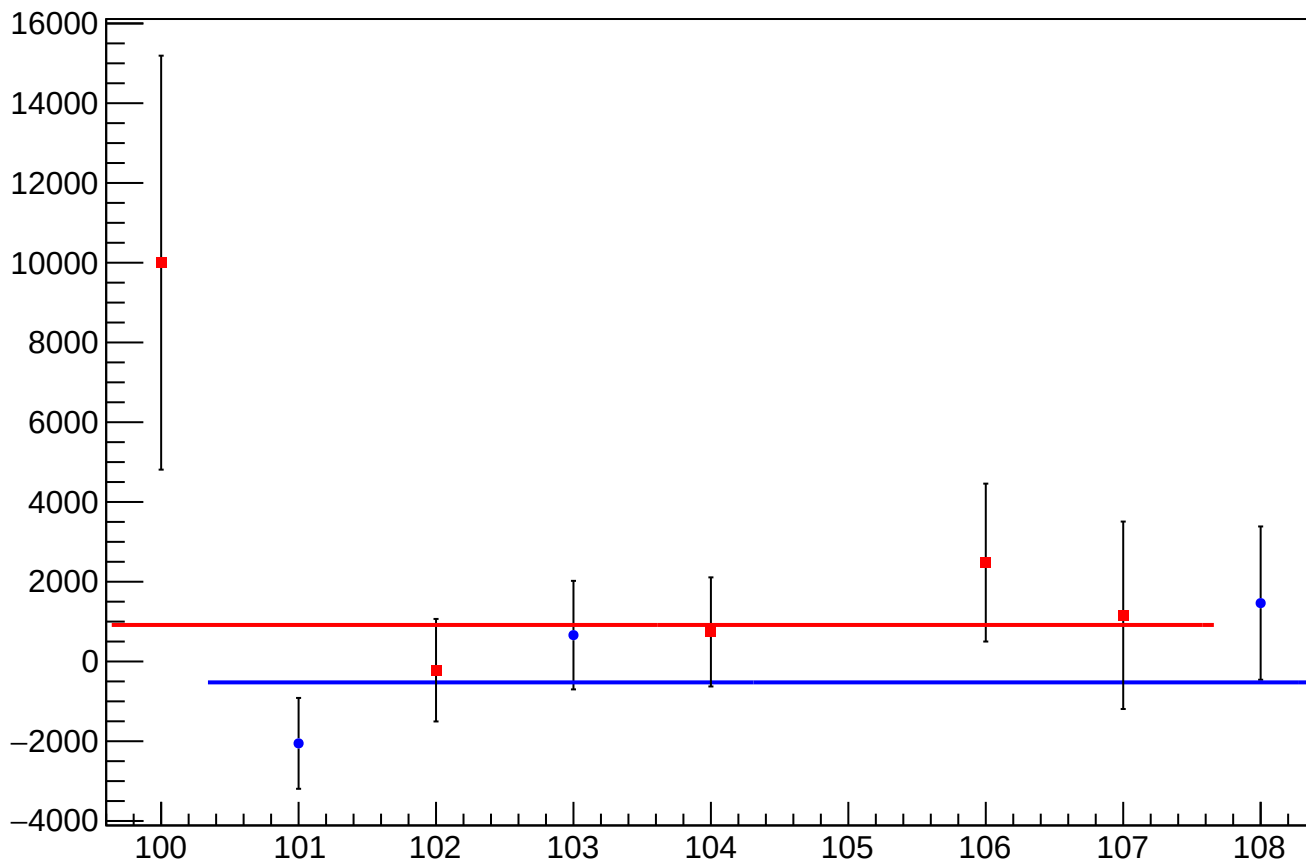
Right: 107.545+/-0.043 χ^2/NDF : 266000.3/7

In: 105.913+/-0.061 χ^2/NDF : 130081.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.545+/-0.043 χ^2/NDF : 266000.3/7

asym_sam_12345678_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -524.236+/-795.277 χ^2/NDF : 3.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 916.005+/-787.431 χ^2/NDF : 4.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

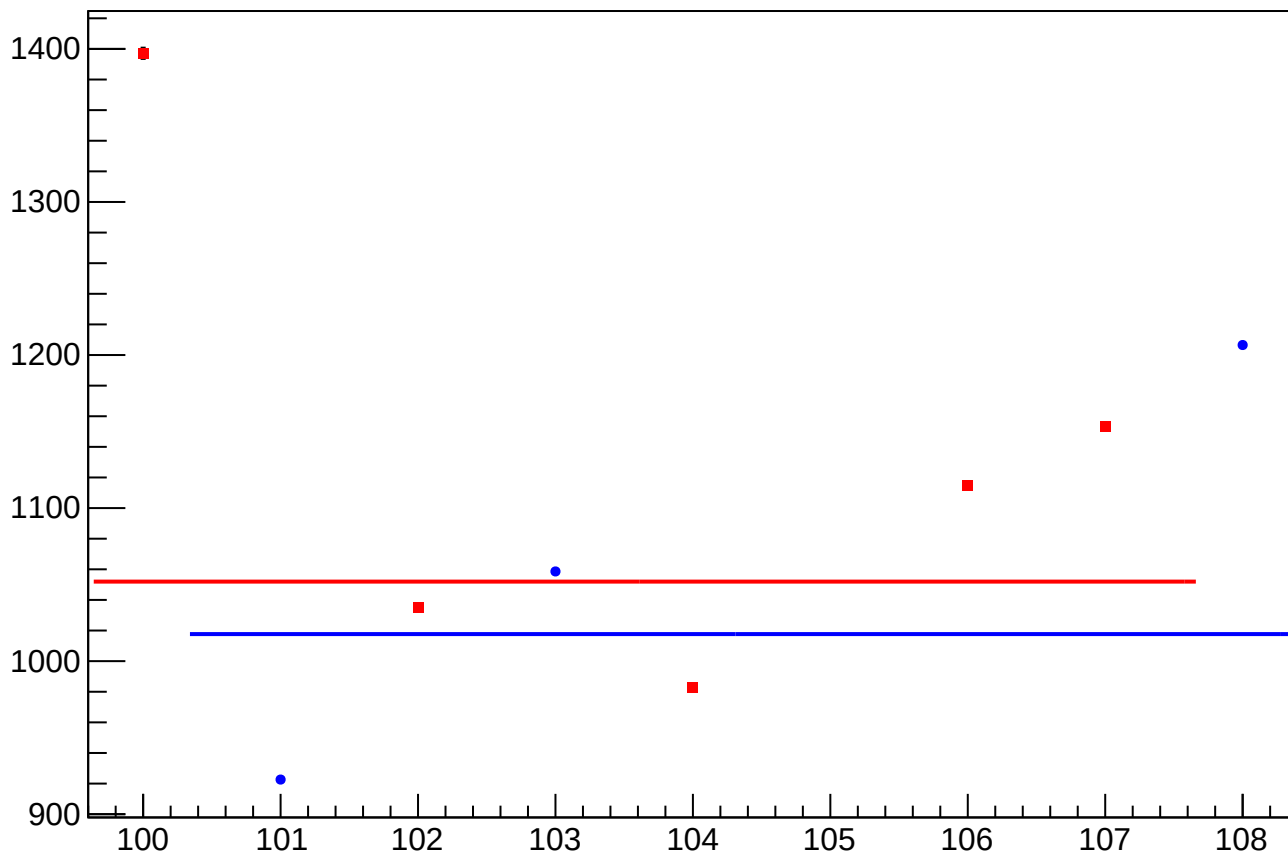
Right: 203.025+/-559.551 χ^2/NDF : 9.8/7

In: -524.236+/-795.277 χ^2/NDF : 3.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.025+/-559.551 χ^2/NDF : 9.8/7

asym_sam_12345678_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1017.676+/-0.562 χ^2/NDF : 35039.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1051.966+/-0.557 χ^2/NDF : 20022.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

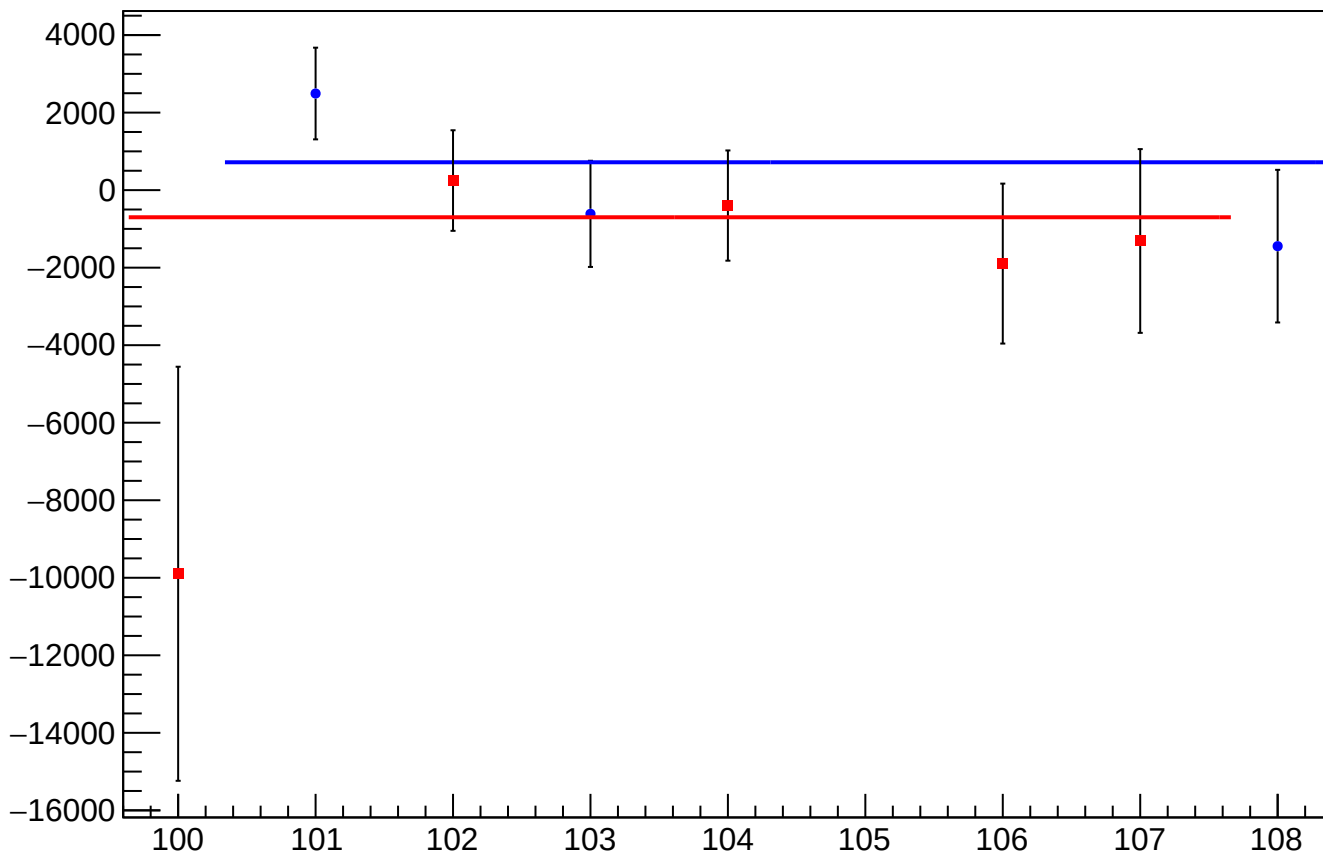
Right: 1034.991+/-0.396 χ^2/NDF : 56939.4/7

In: 1017.676+/-0.562 χ^2/NDF : 35039.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1034.991+/-0.396 χ^2/NDF : 56939.4/7

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 718.814 $\pm$ 814.864 χ^2 /NDF: 4.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -699.849 $\pm$ 806.621 χ^2 /NDF: 3.9/4

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

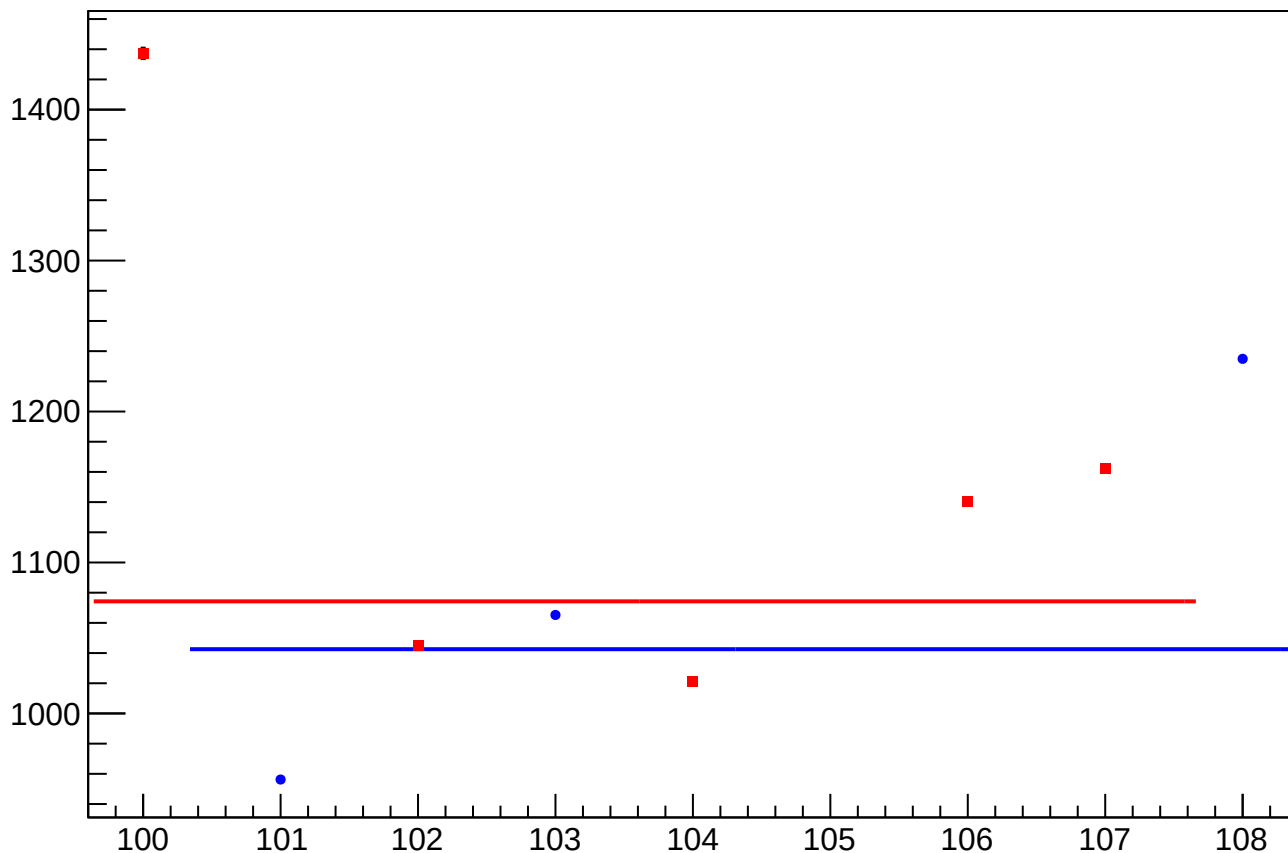
Right: 2.271 $\pm$ 573.259 χ^2 /NDF: 9.9/7

In: 718.814 $\pm$ 814.864 χ^2 /NDF:4.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.271 $\pm$ 573.259 χ^2 /NDF: 9.9/7

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 1042.562+/-0.576 χ^2/NDF : 30298.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1074.259+/-0.570 χ^2/NDF : 17916.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

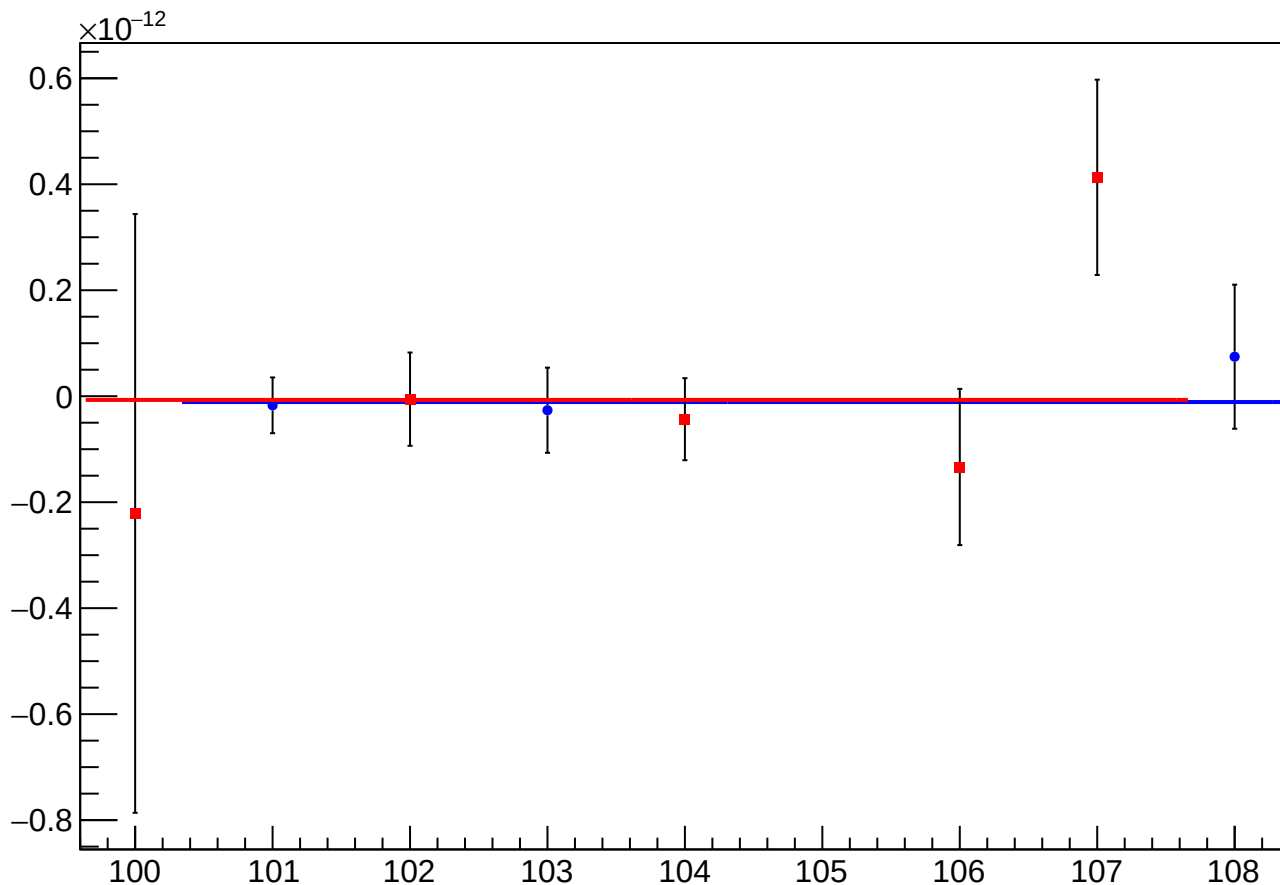
Right: 1058.572+/-0.405 χ^2/NDF : 49743.9/7

In: 1042.562+/-0.576 χ^2/NDF : 30298.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1058.572+/-0.405 χ^2/NDF : 49743.9/7

asym_sam_12345678_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 6.3/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

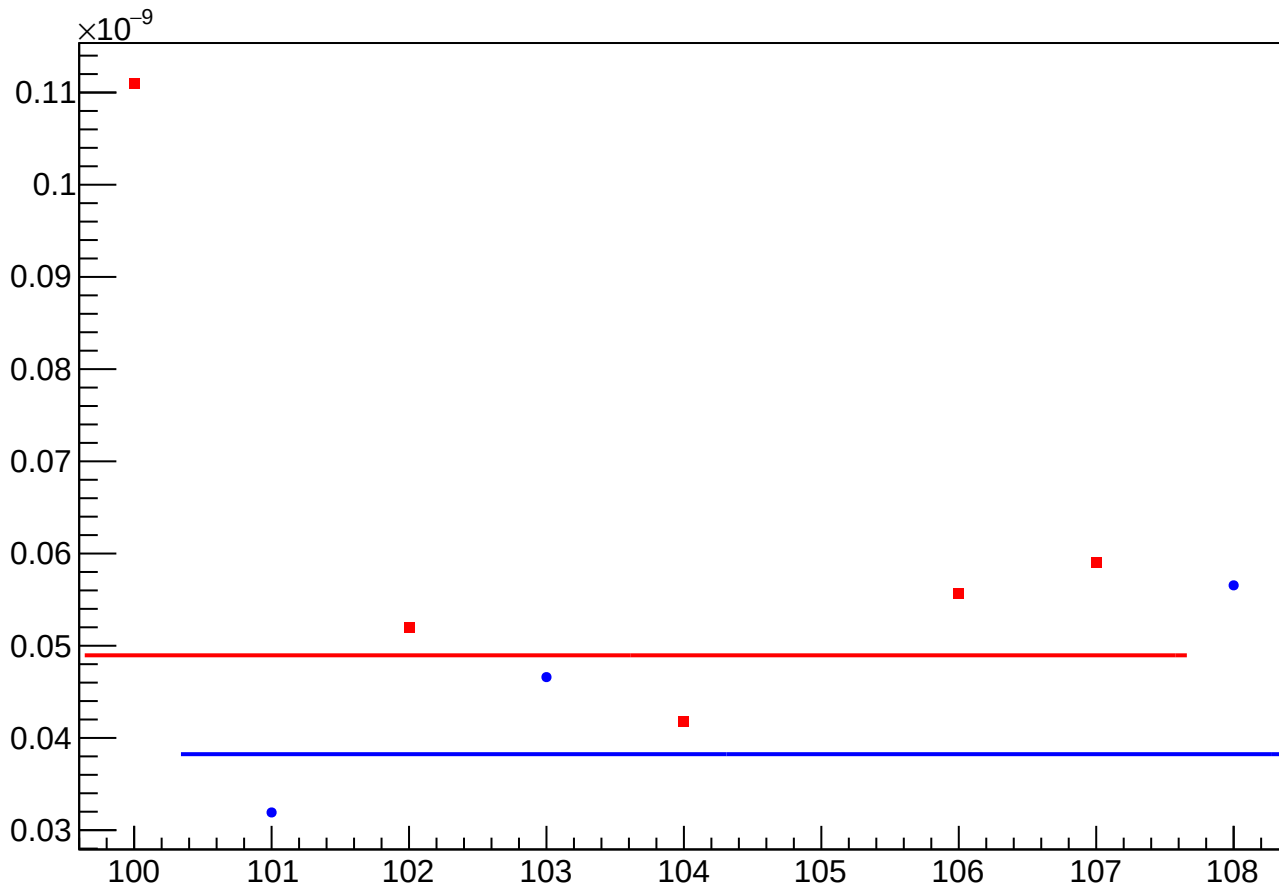
Right: -0.000+/-0.000 χ^2 /NDF: 6.7/7

In: -0.000+/-0.000 χ^2 /NDF:0.4/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 6.7/7

asym_sam_12345678_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 86805.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 53567.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

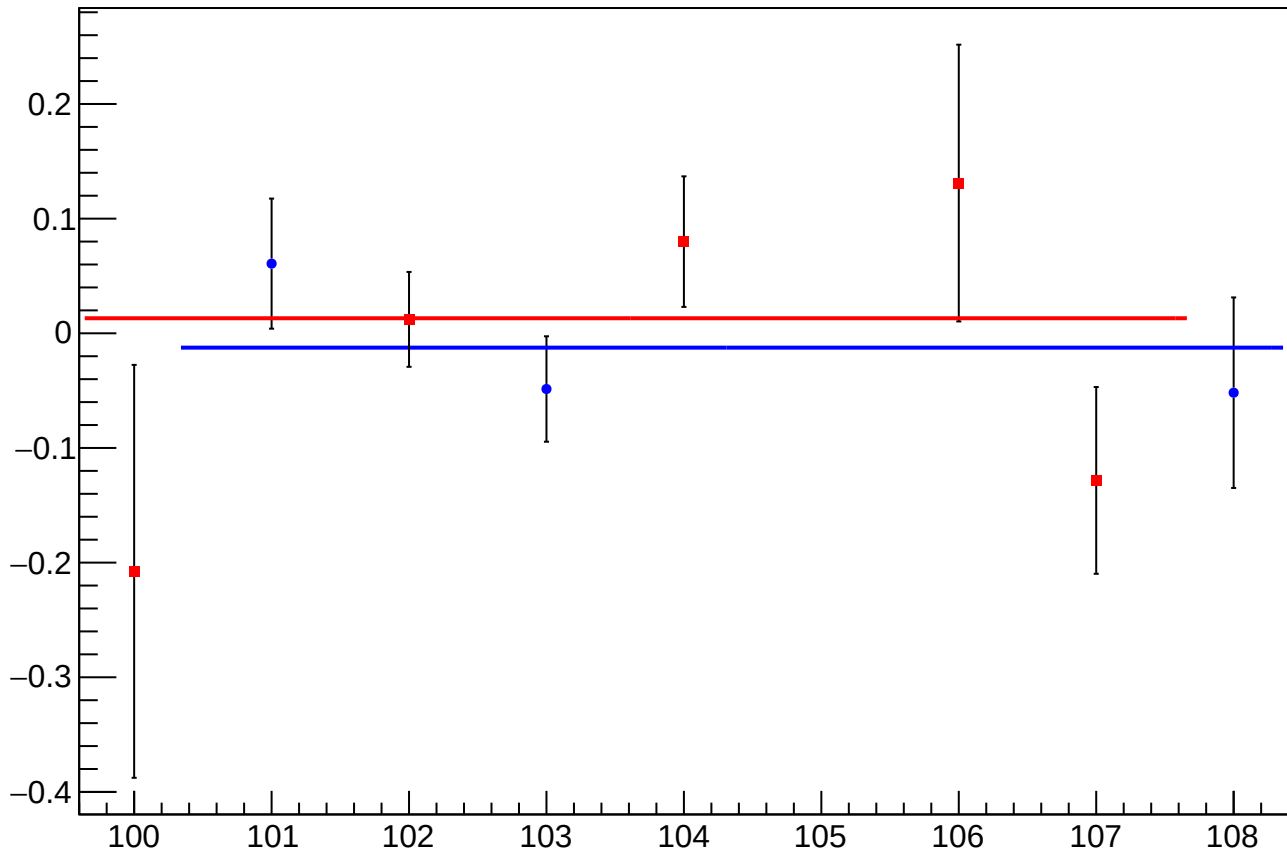
Right: 0.000+/-0.000 χ^2/NDF : 192345.7/7

In: 0.000+/-0.000 χ^2/NDF : 86805.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 192345.7/7

asym_sam_12345678_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.033 χ^2 /NDF: 2.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.013 $\pm$ 0.030 χ^2 /NDF: 6.9/4

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

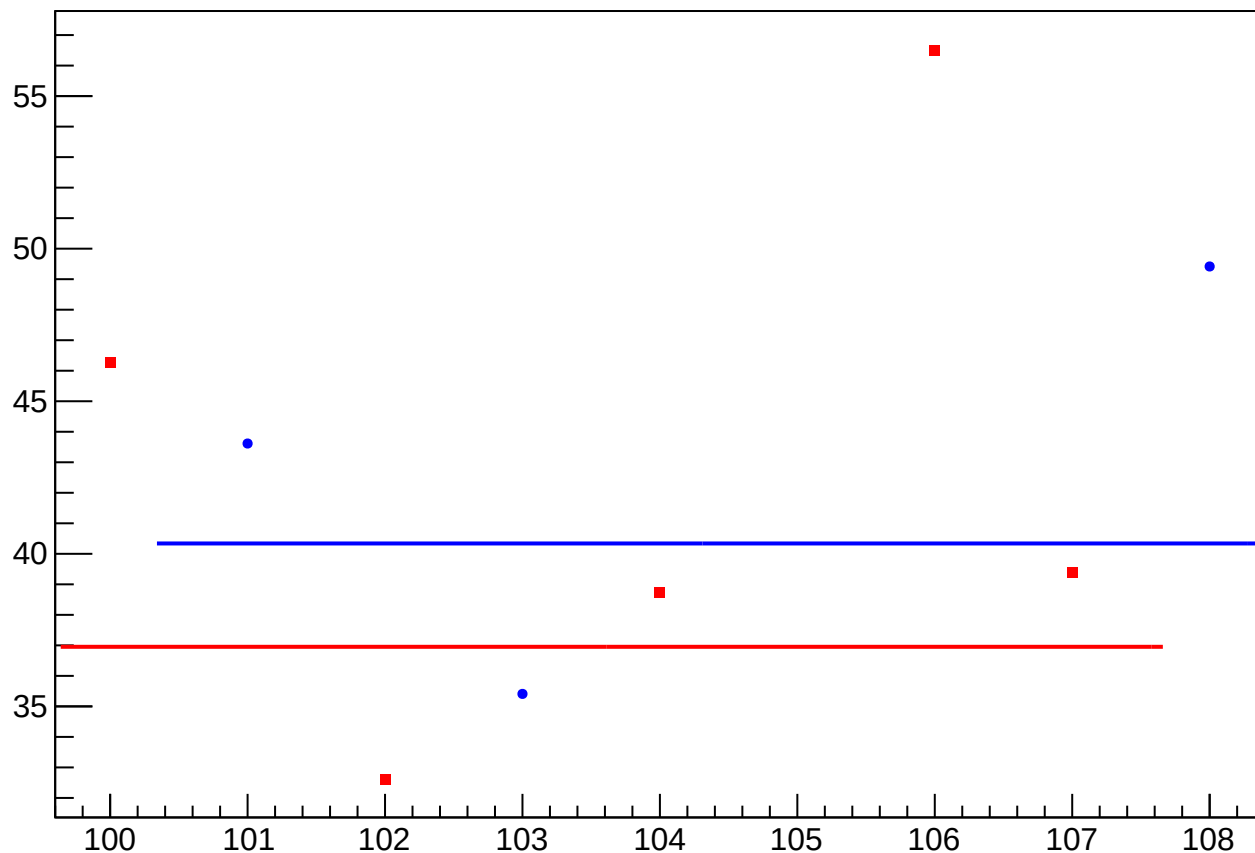
Right: 0.002 $\pm$ 0.022 χ^2 /NDF: 9.7/7

In: -0.012 $\pm$ 0.033 χ^2 /NDF:2.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.022 χ^2 /NDF: 9.7/7

asym_sam_12345678_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.339+/-0.023 χ^2/NDF : 53525.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.953+/-0.021 χ^2/NDF : 83828.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

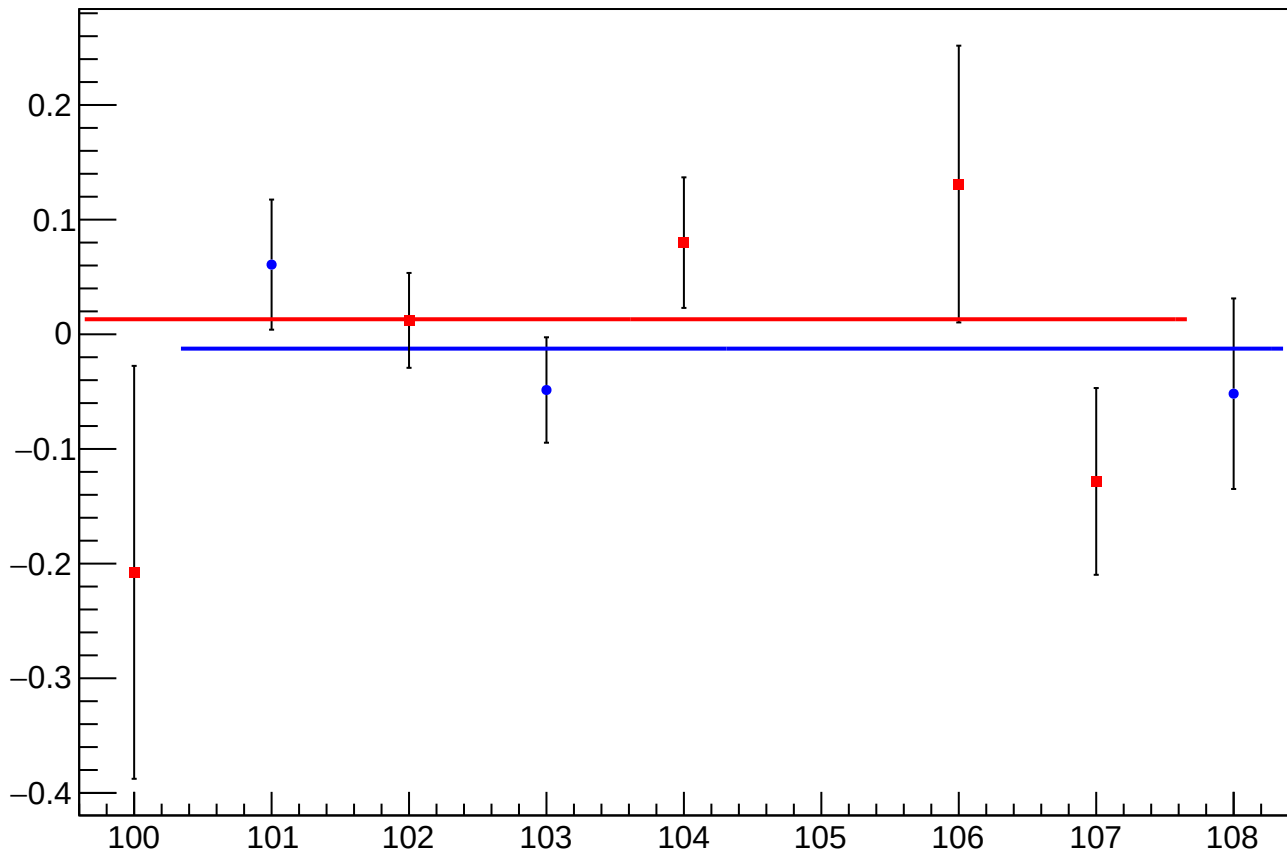
Right: 38.471+/-0.016 χ^2/NDF : 149105.1/7

In: 40.339+/-0.023 χ^2/NDF : 53525.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.471+/-0.016 χ^2/NDF : 149105.1/7

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.033 χ^2 /NDF: 2.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.013 $\pm$ 0.030 χ^2 /NDF: 6.9/4

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

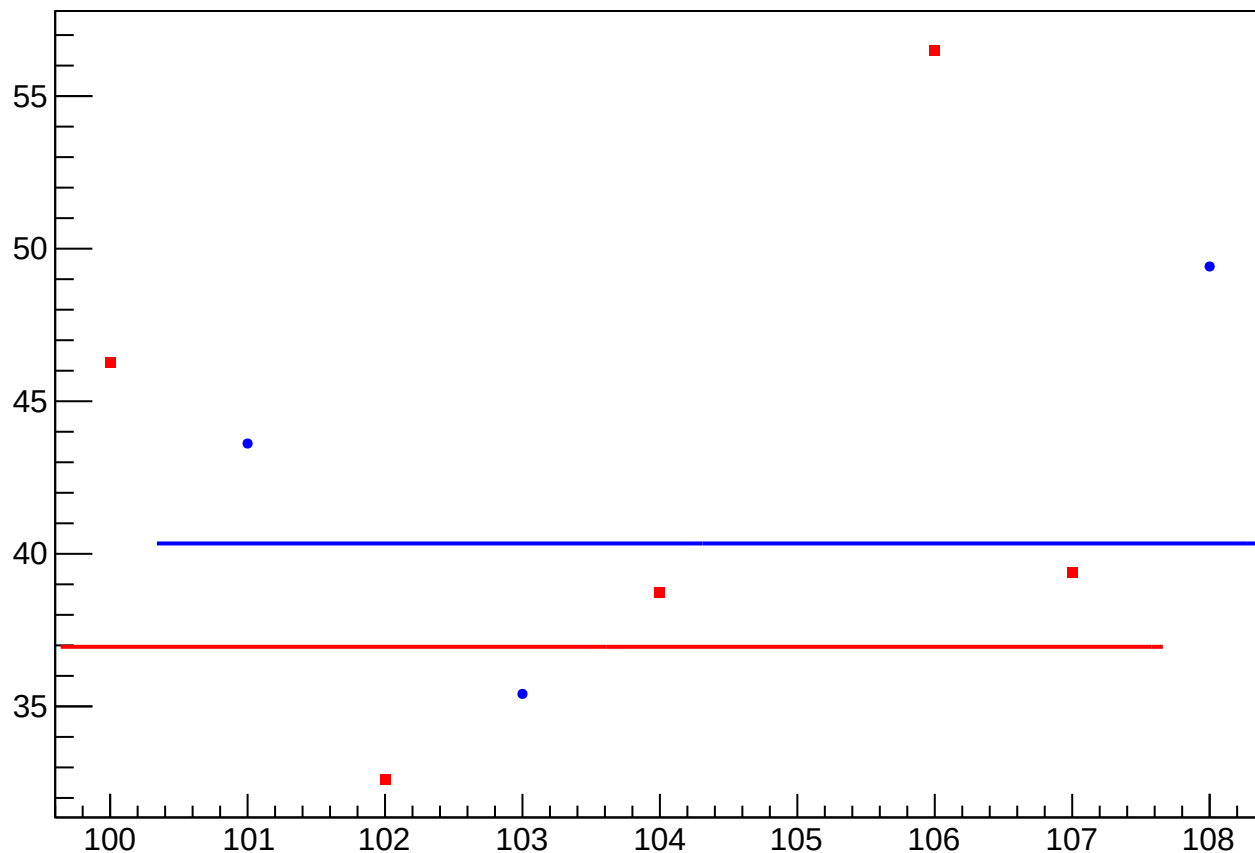
Right: 0.002 $\pm$ 0.022 χ^2 /NDF: 9.7/7

In: -0.012 $\pm$ 0.033 χ^2 /NDF:2.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.022 χ^2 /NDF: 9.7/7

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.339+/-0.023 χ^2/NDF : 53525.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.953+/-0.021 χ^2/NDF : 83828.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

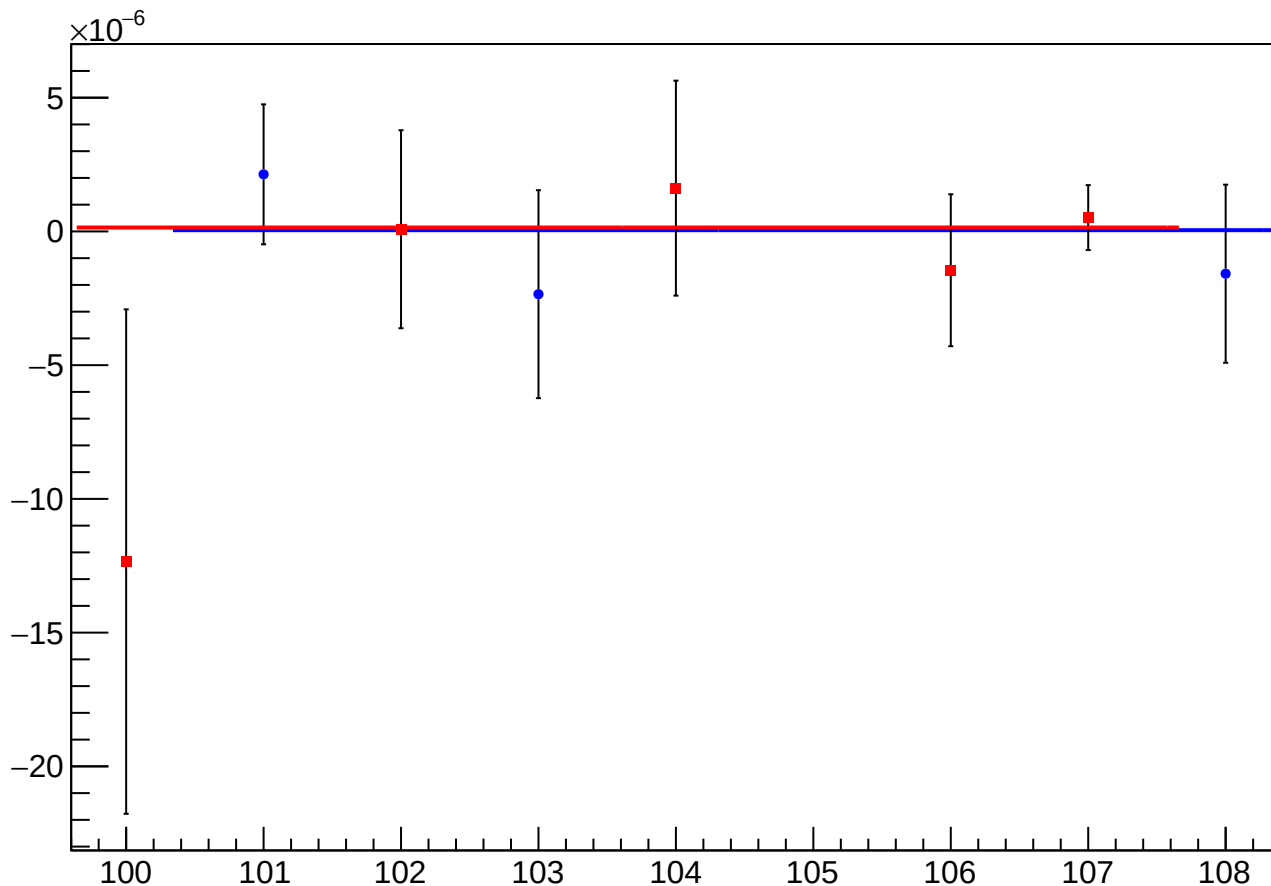
Right: 38.471+/-0.016 χ^2/NDF : 149105.1/7

In: 40.339+/-0.023 χ^2/NDF : 53525.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.471+/-0.016 χ^2/NDF : 149105.1/7

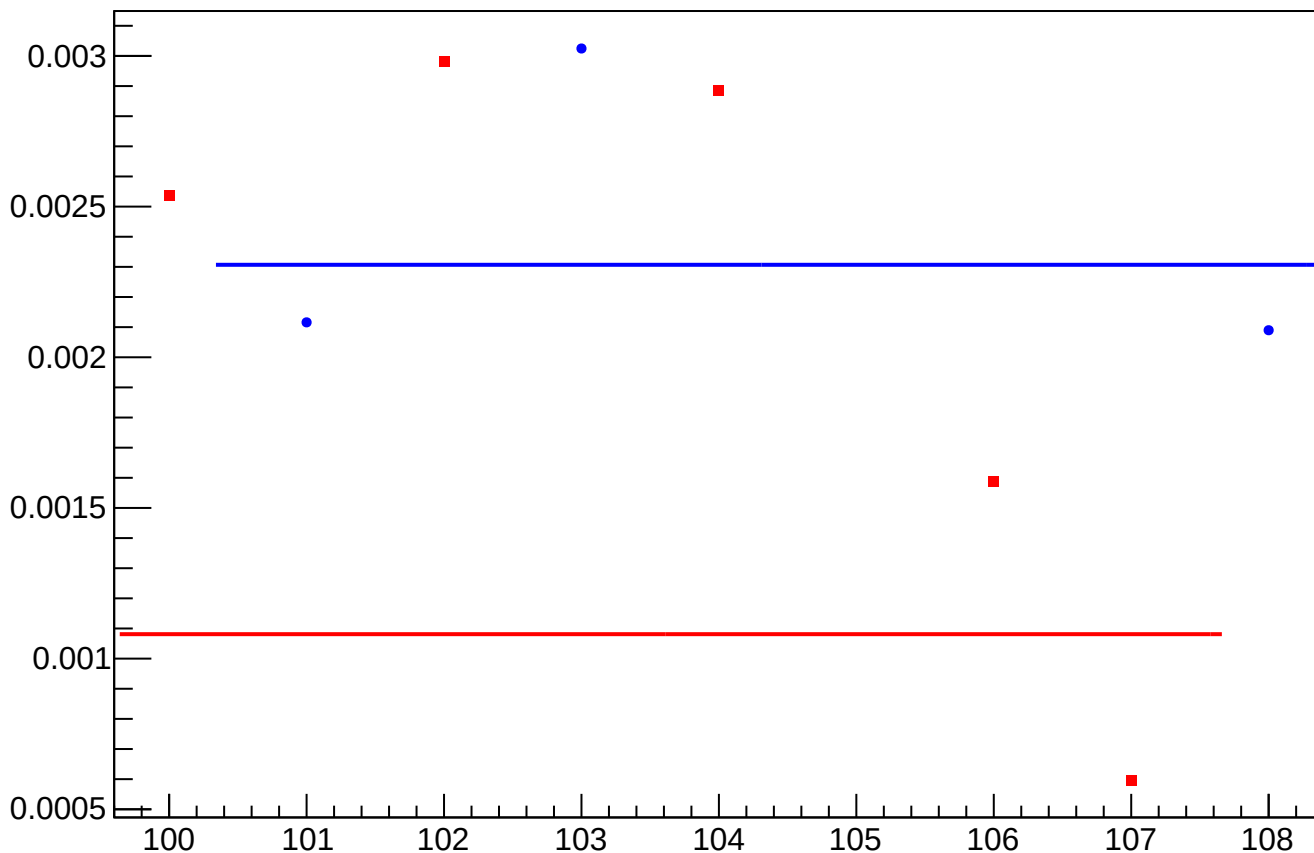
asym_sam_12345678_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.3/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 2.3/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 3.6/7
 In: 0.000+/-0.000 χ^2/NDF : 1.3/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 3.6/7

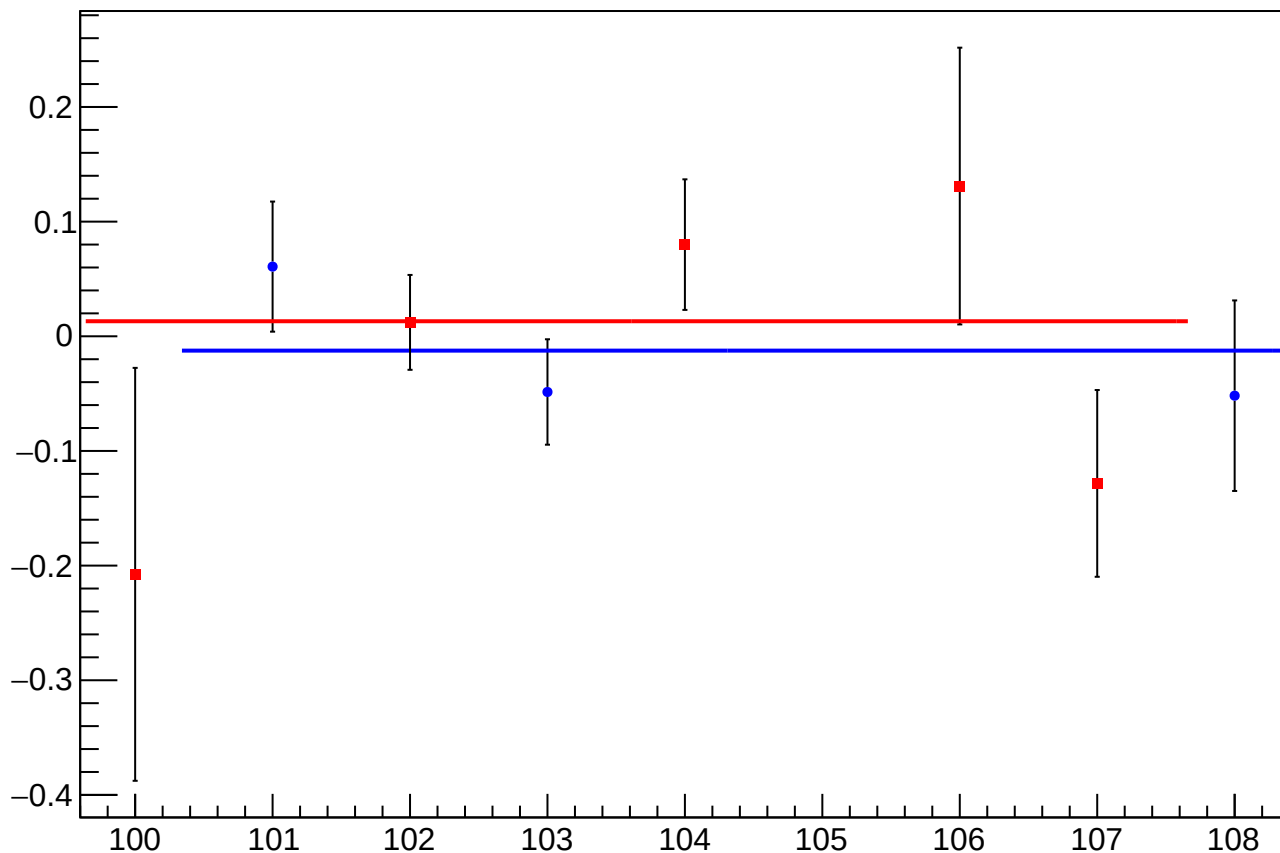
asym_sam_12345678_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 87336.3/2
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 0.001+/-0.000 χ^2/NDF : 1362571.9/4
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.001+/-0.000 χ^2/NDF : 2139132.6/7
 In: 0.002+/-0.000 χ^2/NDF :87336.3/2
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.001+/-0.000 χ^2/NDF : 2139132.6/7

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 $\pm$ 0.033 χ^2 /NDF: 2.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.013 $\pm$ 0.030 χ^2 /NDF: 6.9/4

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

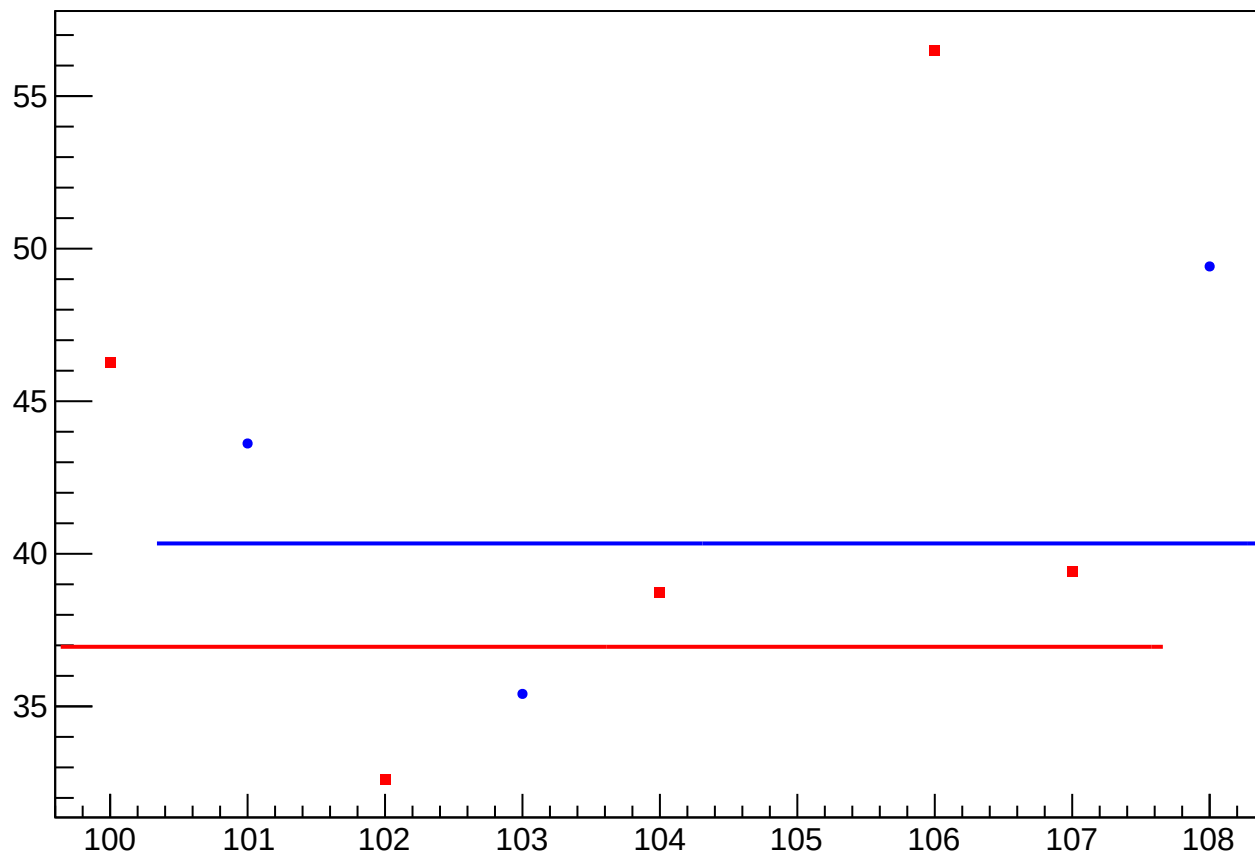
Right: 0.002 $\pm$ 0.022 χ^2 /NDF: 9.7/7

In: -0.013 $\pm$ 0.033 χ^2 /NDF:2.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.022 χ^2 /NDF: 9.7/7

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.339 ± 0.023 $\chi^2/\text{NDF}: 53538.8/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 36.953 ± 0.021 $\chi^2/\text{NDF}: 83836.5/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

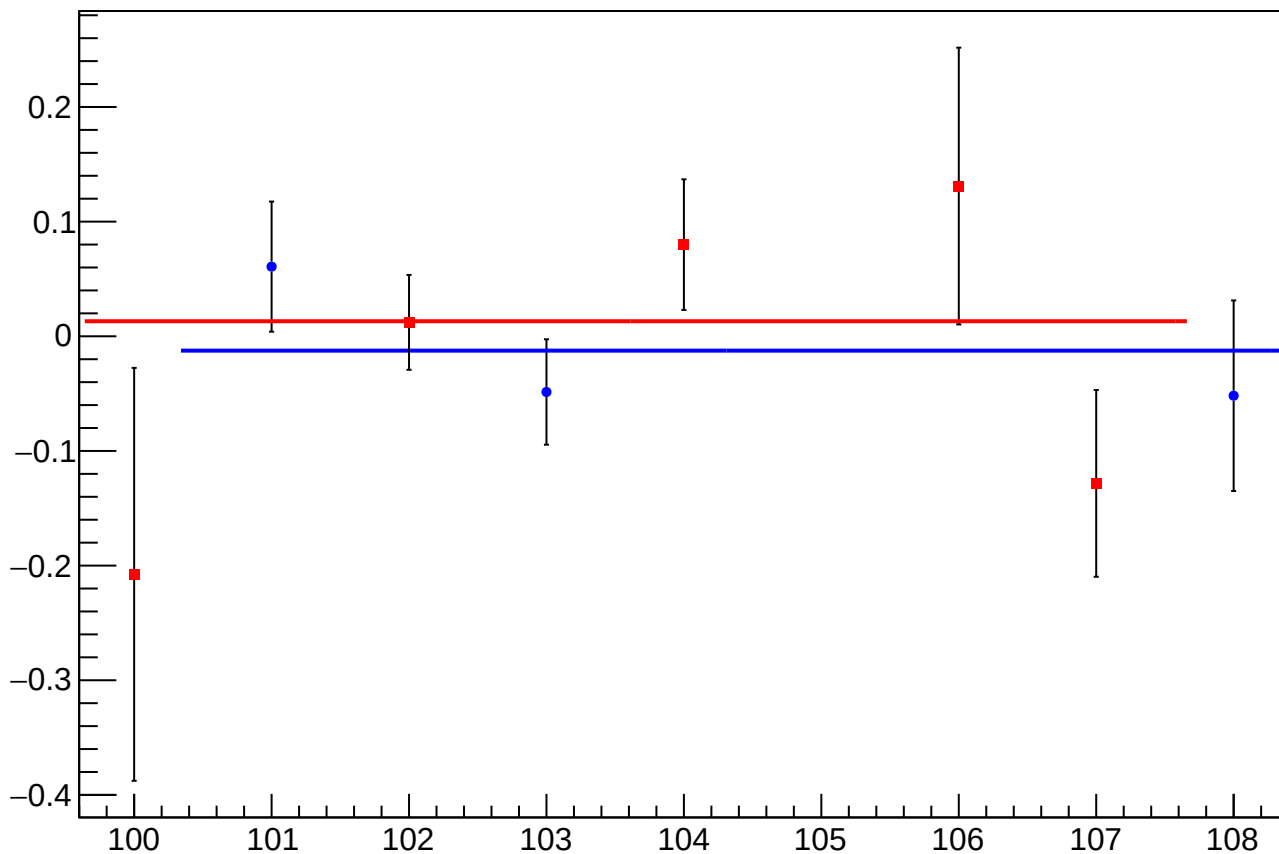
Right: 38.471 ± 0.016 $\chi^2/\text{NDF}: 149127.1/7$

In: 40.339 ± 0.023 $\chi^2/\text{NDF}: 53538.8/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 38.471 ± 0.016 $\chi^2/\text{NDF}: 149127.1/7$

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 $\pm$ 0.033 χ^2 /NDF: 2.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.013 $\pm$ 0.030 χ^2 /NDF: 6.9/4

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

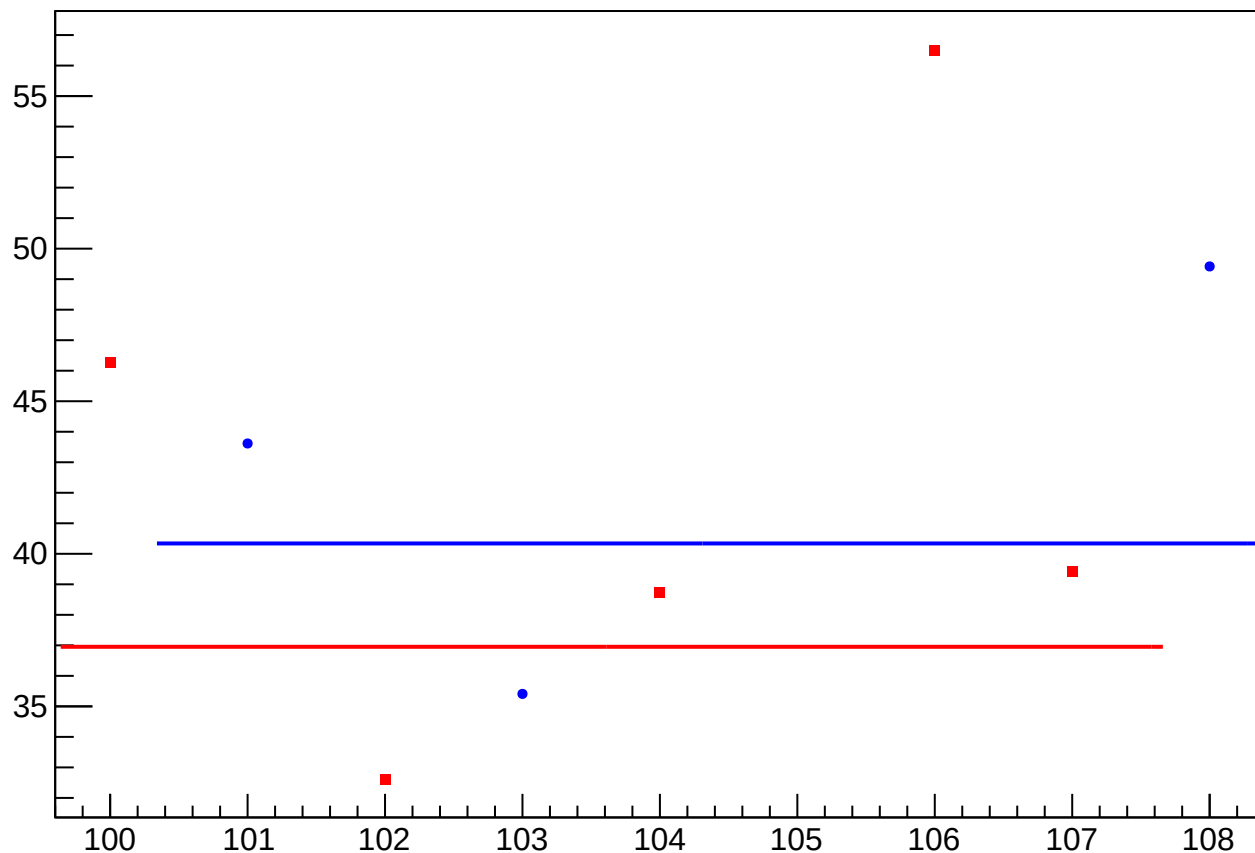
Right: 0.002 $\pm$ 0.022 χ^2 /NDF: 9.7/7

In: -0.013 $\pm$ 0.033 χ^2 /NDF:2.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.022 χ^2 /NDF: 9.7/7

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.339+/-0.023 χ^2/NDF : 53538.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.953+/-0.021 χ^2/NDF : 83836.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

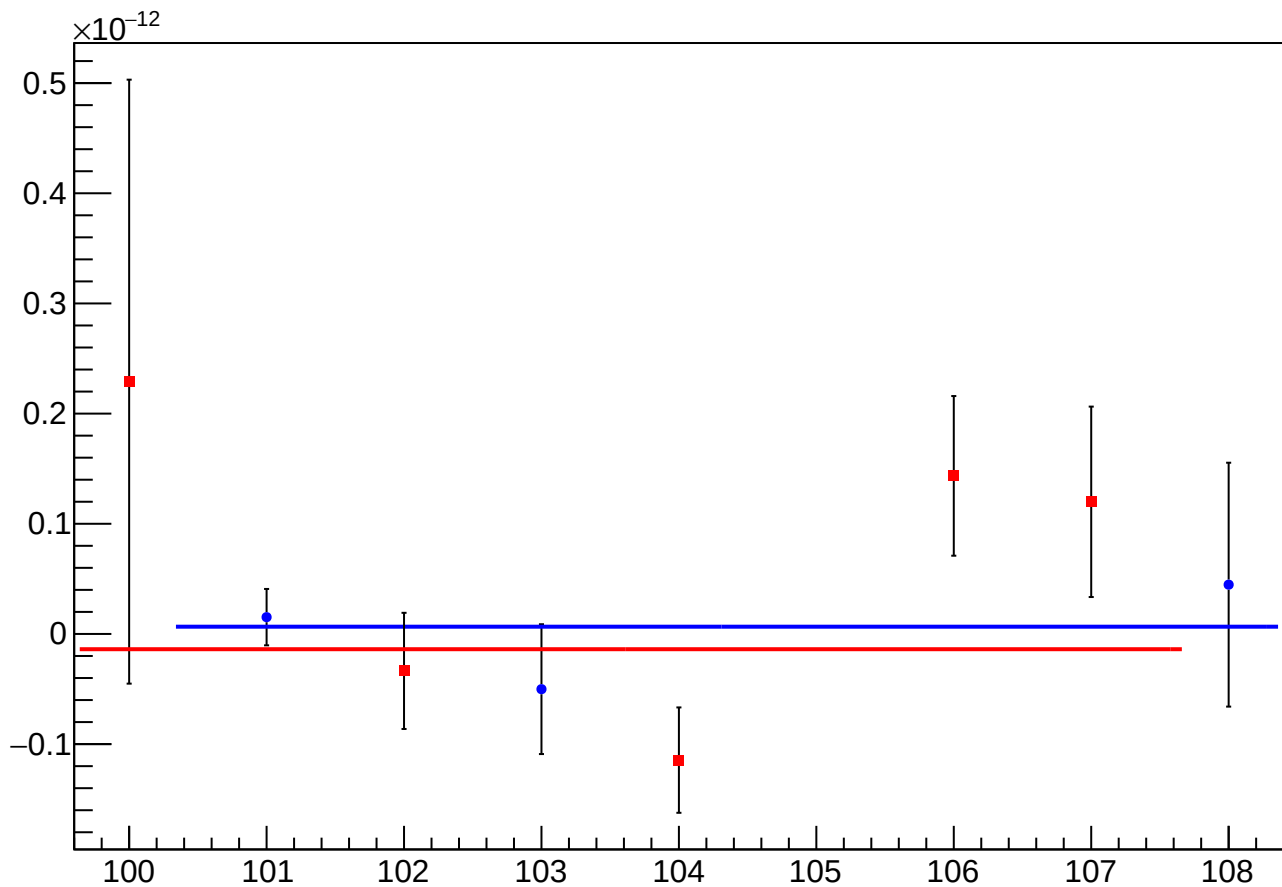
Right: 38.471+/-0.016 χ^2/NDF : 149127.1/7

In: 40.339+/-0.023 χ^2/NDF : 53538.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.471+/-0.016 χ^2/NDF : 149127.1/7

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

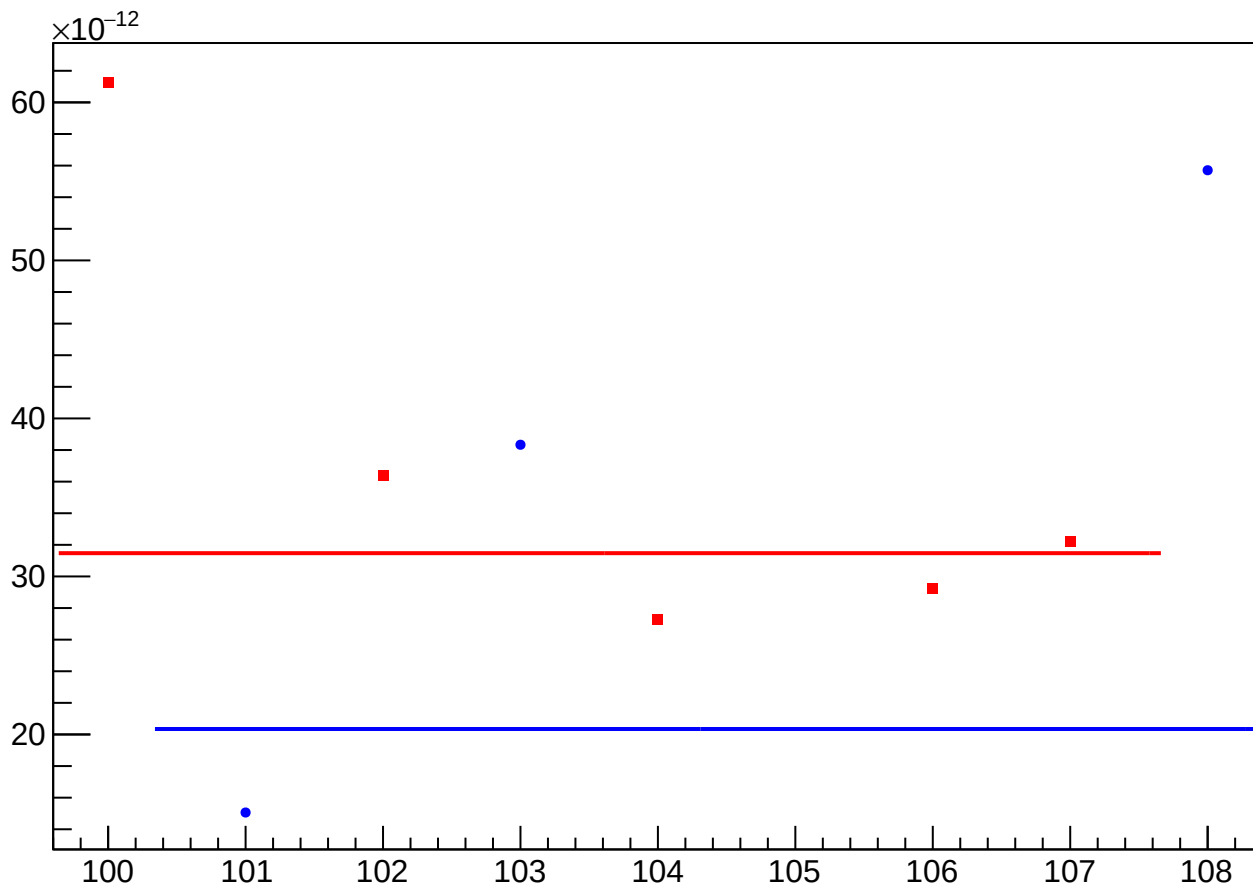
Right: -0.000+/-0.000 χ^2/NDF : 13.9/7

In: 0.000+/-0.000 χ^2/NDF : 1.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.9/7

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 475899.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 58268.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

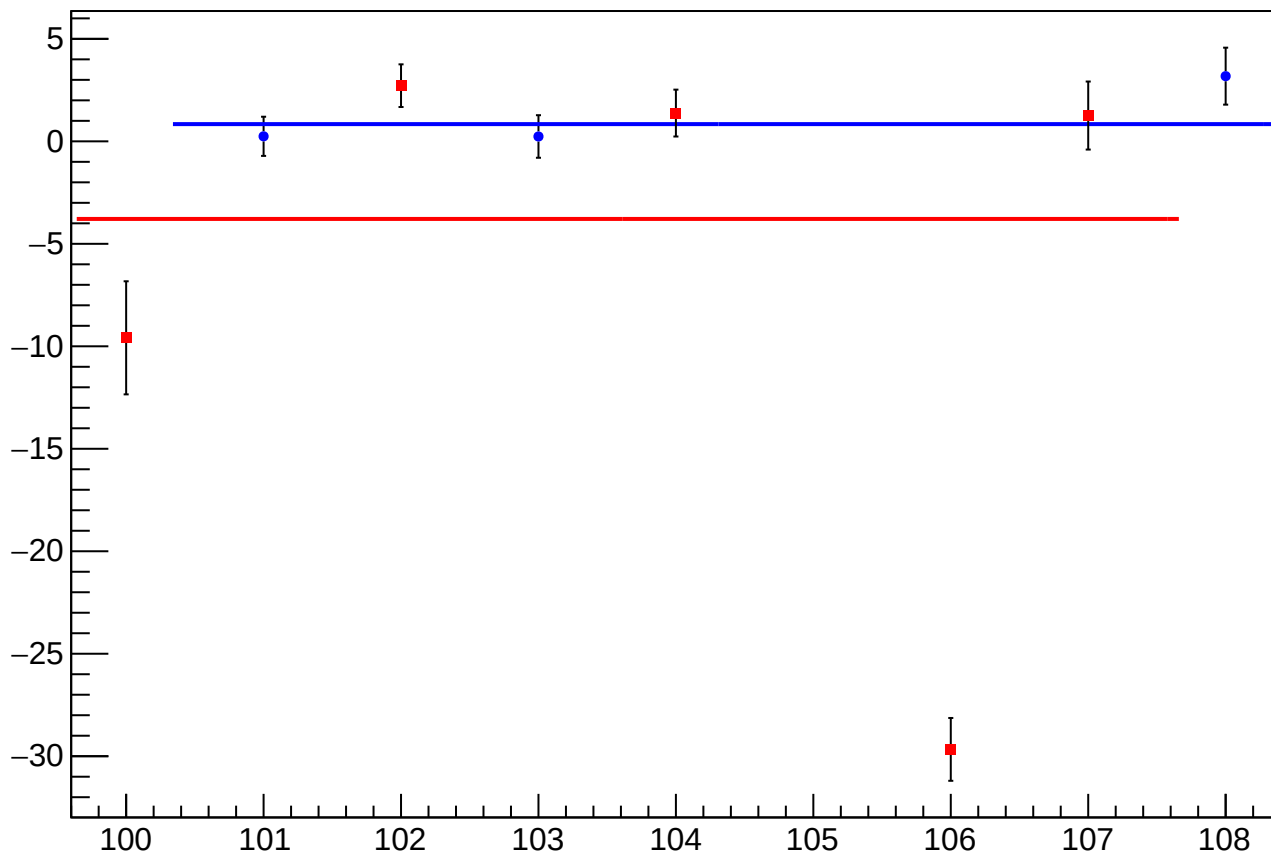
Right: 0.000+/-0.000 χ^2/NDF : 709991.0/7

In: 0.000+/-0.000 χ^2/NDF : 475899.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 709991.0/7

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.840+/-0.627 χ^2/NDF : 3.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.786+/-0.619 χ^2/NDF : 358.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

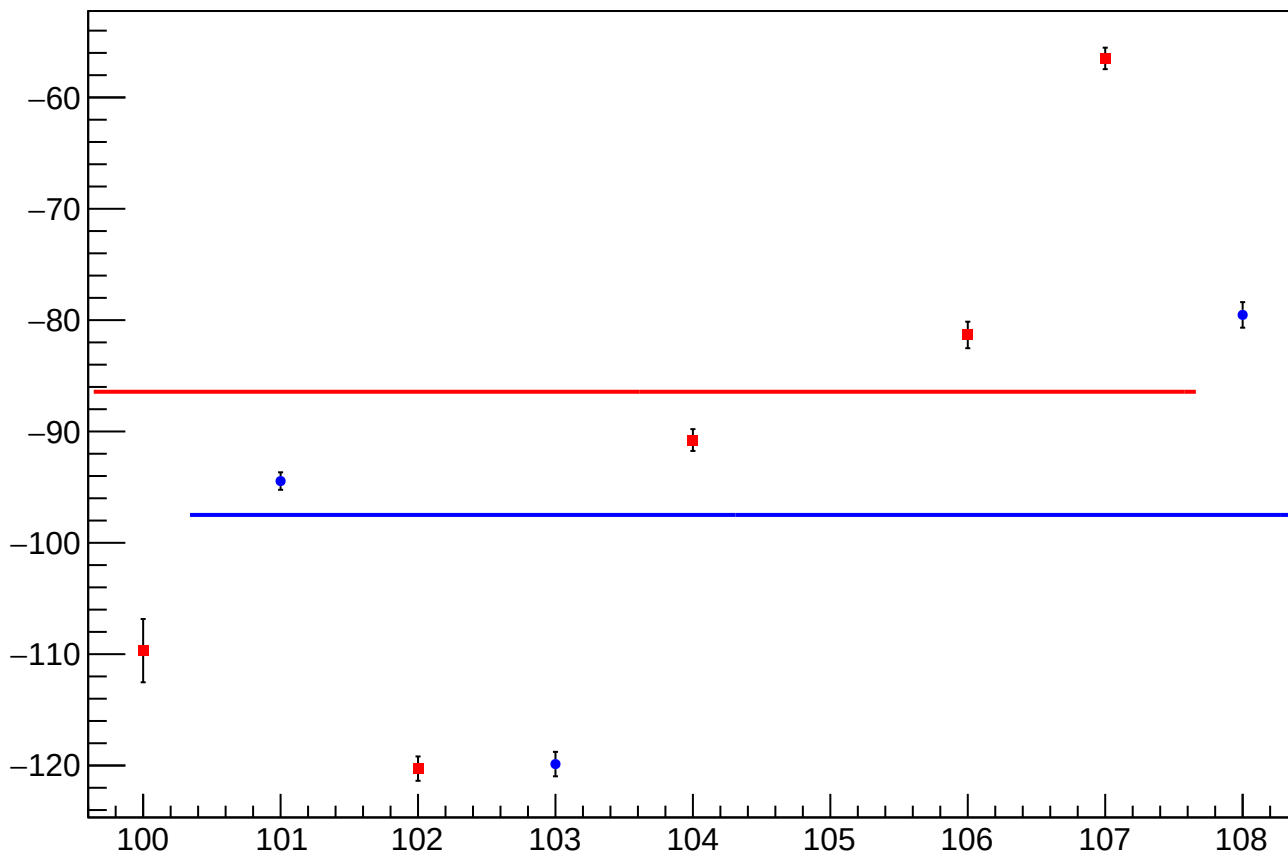
Right: -1.503+/-0.441 χ^2/NDF : 389.4/7

In: 0.840+/-0.627 χ^2/NDF : 3.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.503+/-0.441 χ^2/NDF : 389.4/7

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -97.494 $\pm$ 0.558 χ^2 /NDF: 675.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -86.433 $\pm$ 0.514 χ^2 /NDF: 2024.5/4

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

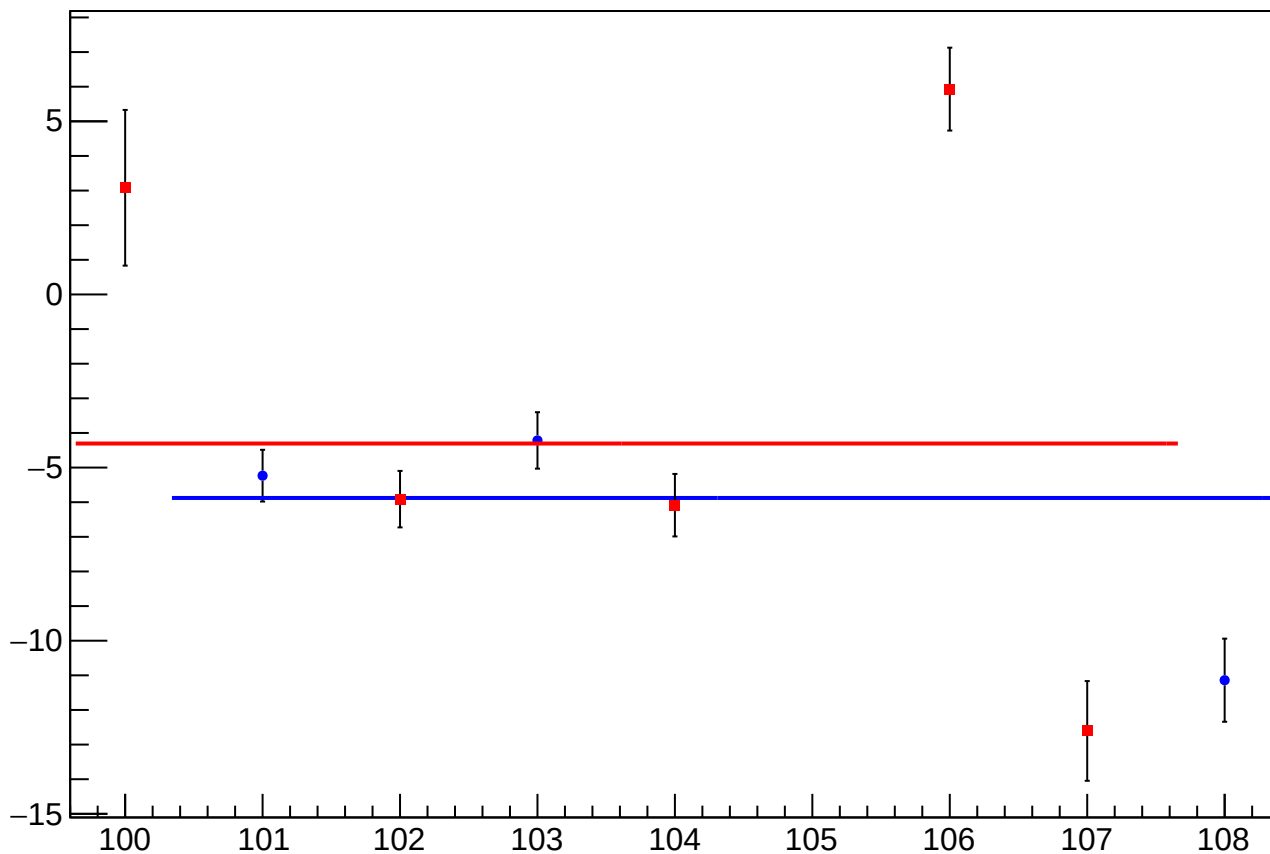
Right: -91.512 $\pm$ 0.378 χ^2 /NDF: 2912.3/7

In: -97.494 $\pm$ 0.558 χ^2 /NDF:675.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -91.512 $\pm$ 0.378 χ^2 /NDF: 2912.3/7

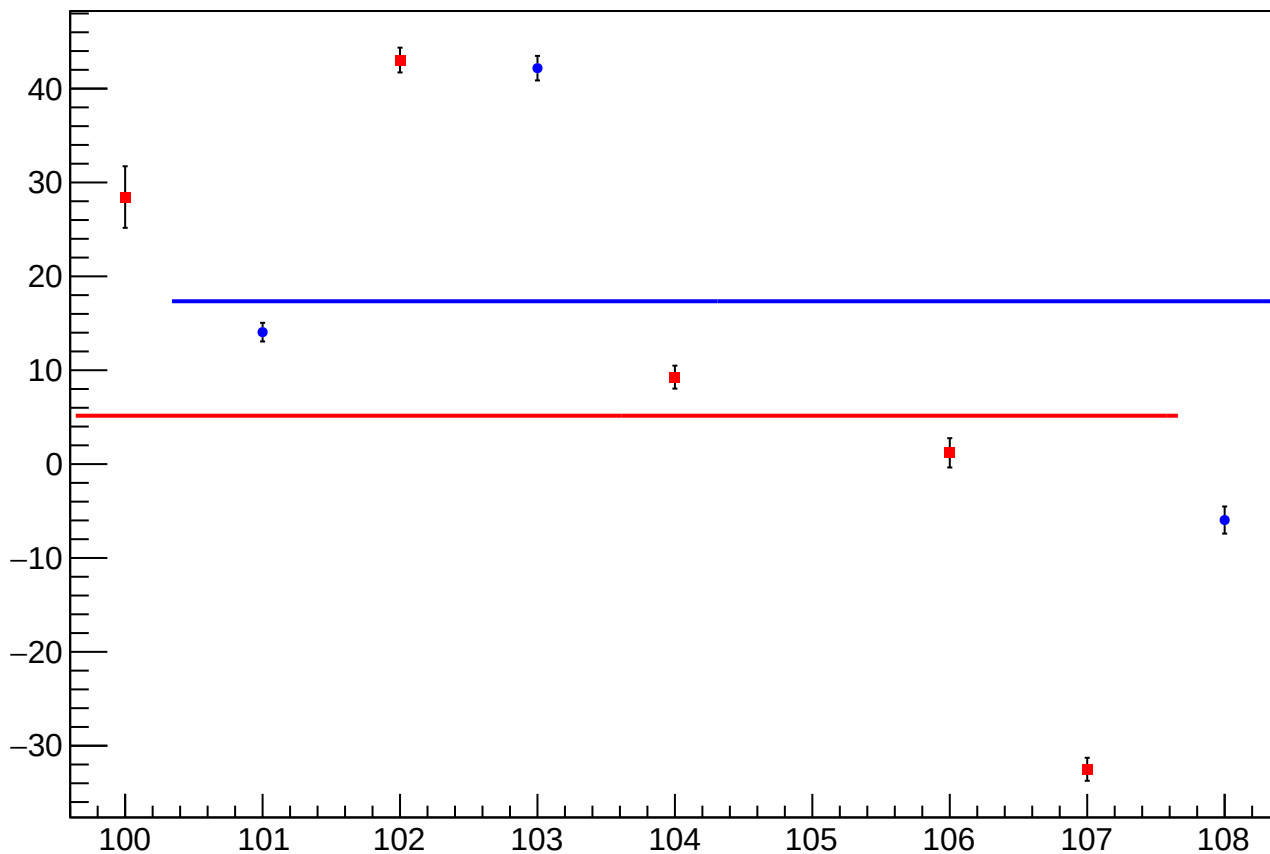
reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.877 ± 0.501 $\chi^2/\text{NDF}: 24.1/2$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -4.305 ± 0.493 $\chi^2/\text{NDF}: 124.9/4$
 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: -5.080 ± 0.351 $\chi^2/\text{NDF}: 154.0/7$
 In: -5.877 ± 0.501 $\chi^2/\text{NDF}: 24.1/2$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -5.080 ± 0.351 $\chi^2/\text{NDF}: 154.0/7$

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 17.348+/-0.694 χ^2/NDF : 632.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.154+/-0.644 χ^2/NDF : 1836.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

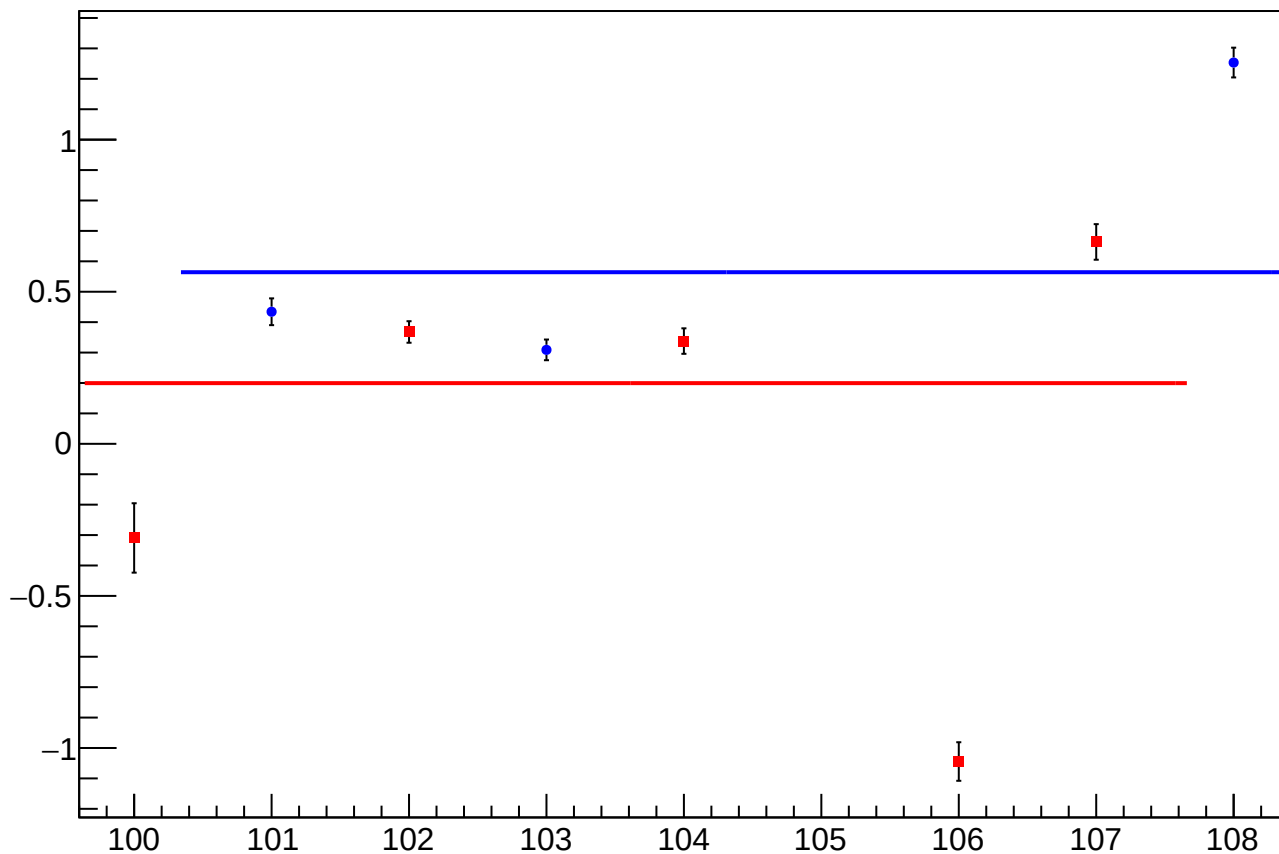
Right: 10.794+/-0.472 χ^2/NDF : 2634.8/7

In: 17.348+/-0.694 χ^2/NDF : 632.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.794+/-0.472 χ^2/NDF : 2634.8/7

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.564+/-0.024 χ^2/NDF : 263.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.200+/-0.022 χ^2/NDF : 501.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

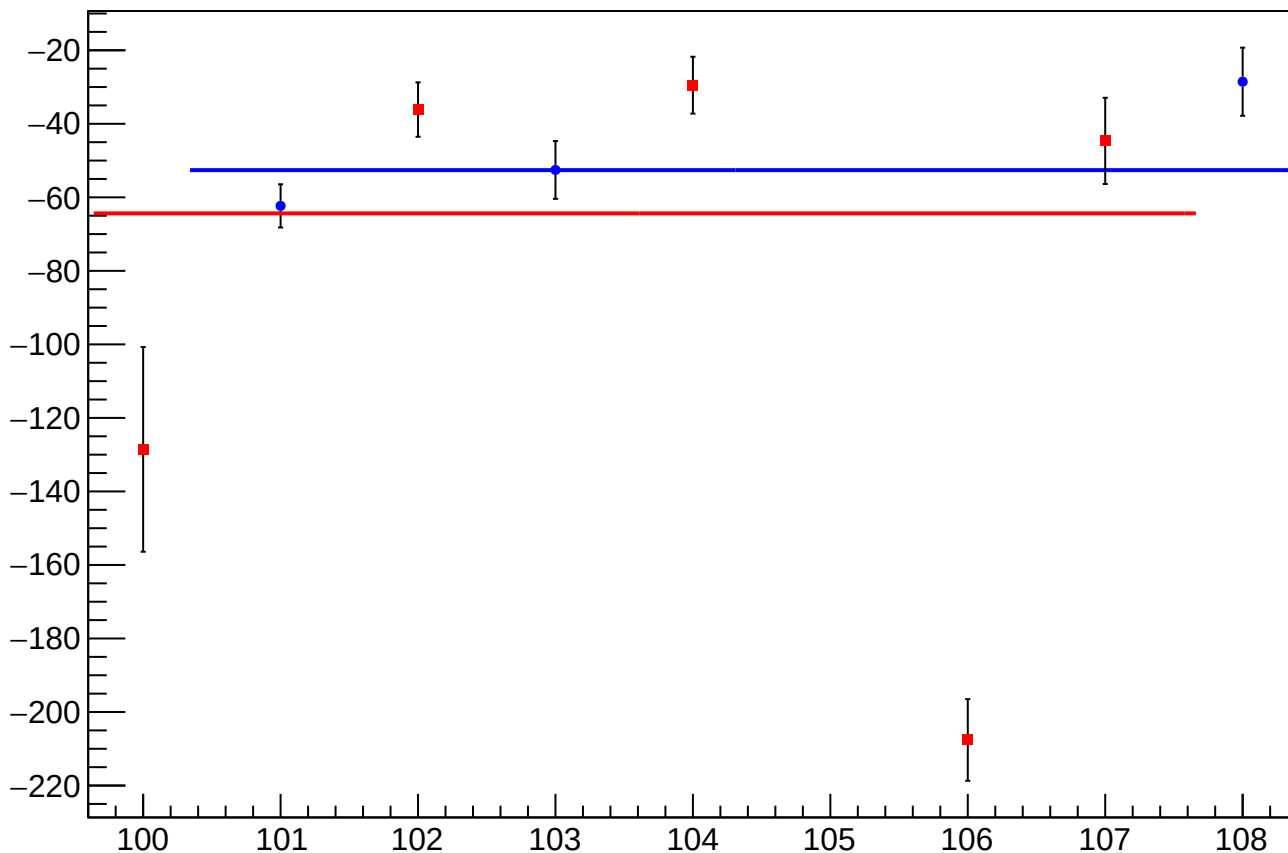
Right: 0.373+/-0.016 χ^2/NDF : 890.5/7

In: 0.564+/-0.024 χ^2/NDF : 263.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.373+/-0.016 χ^2/NDF : 890.5/7

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -52.605 $\pm$ 4.197 χ^2 /NDF: 9.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -64.367 $\pm$ 4.399 χ^2 /NDF: 209.2/4

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

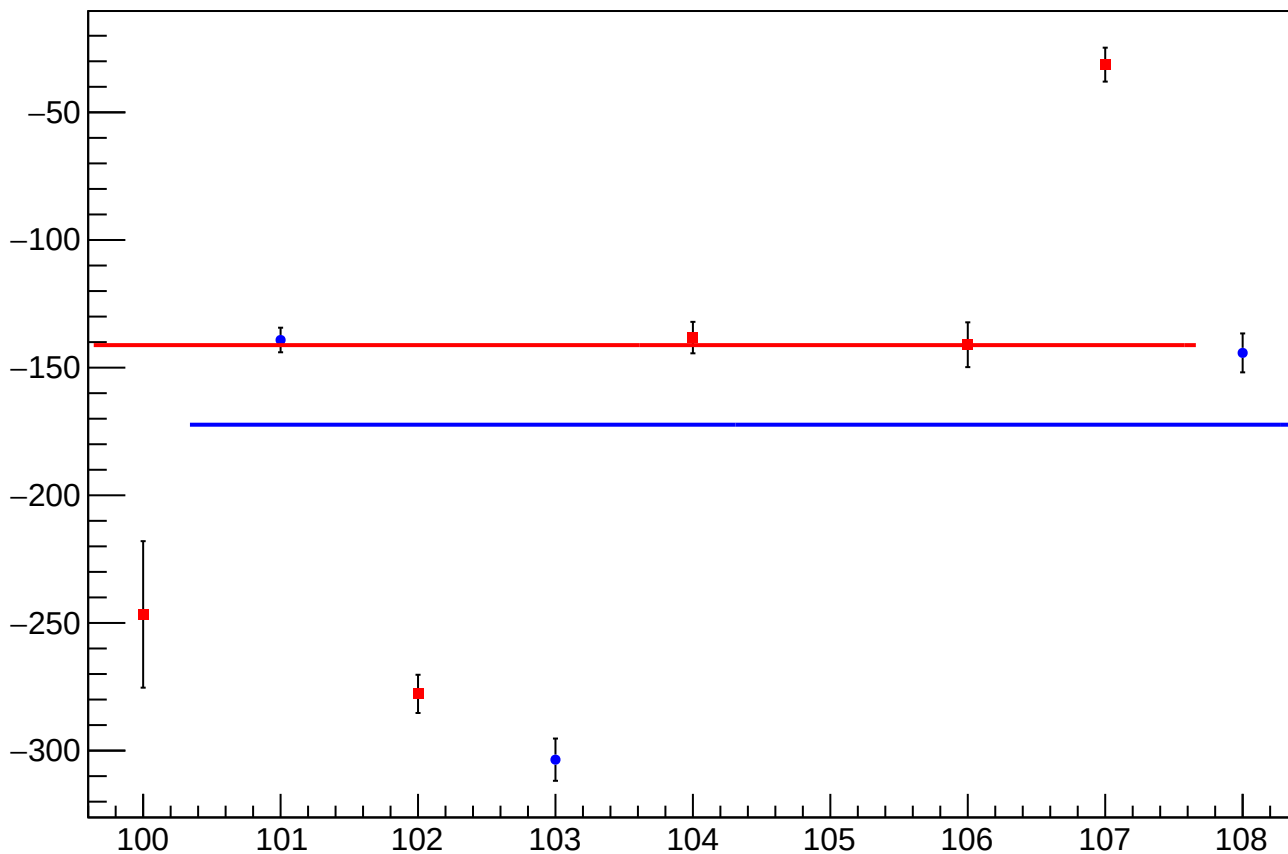
Right: -58.210 $\pm$ 3.037 χ^2 /NDF: 222.5/7

In: -52.605 $\pm$ 4.197 χ^2 /NDF:9.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -58.210 $\pm$ 3.037 χ^2 /NDF: 222.5/7

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -172.348+/-3.652 χ^2/NDF : 312.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -141.175+/-3.513 χ^2/NDF : 620.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

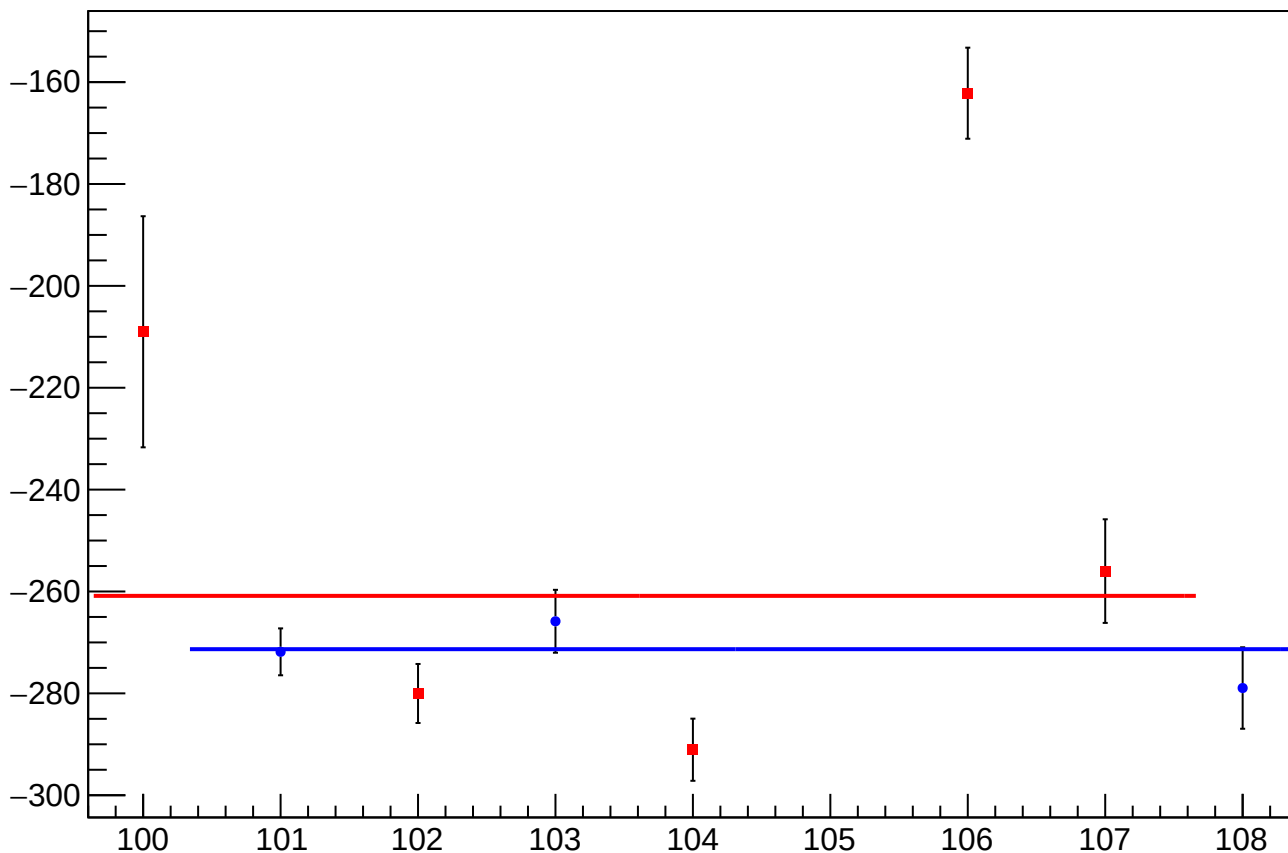
Right: -156.155+/-2.532 χ^2/NDF : 970.4/7

In: -172.348+/-3.652 χ^2/NDF : 312.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -156.155+/-2.532 χ^2/NDF : 970.4/7

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -271.327+/-3.351 χ^2/NDF : 1.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -260.860+/-3.518 χ^2/NDF : 162.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

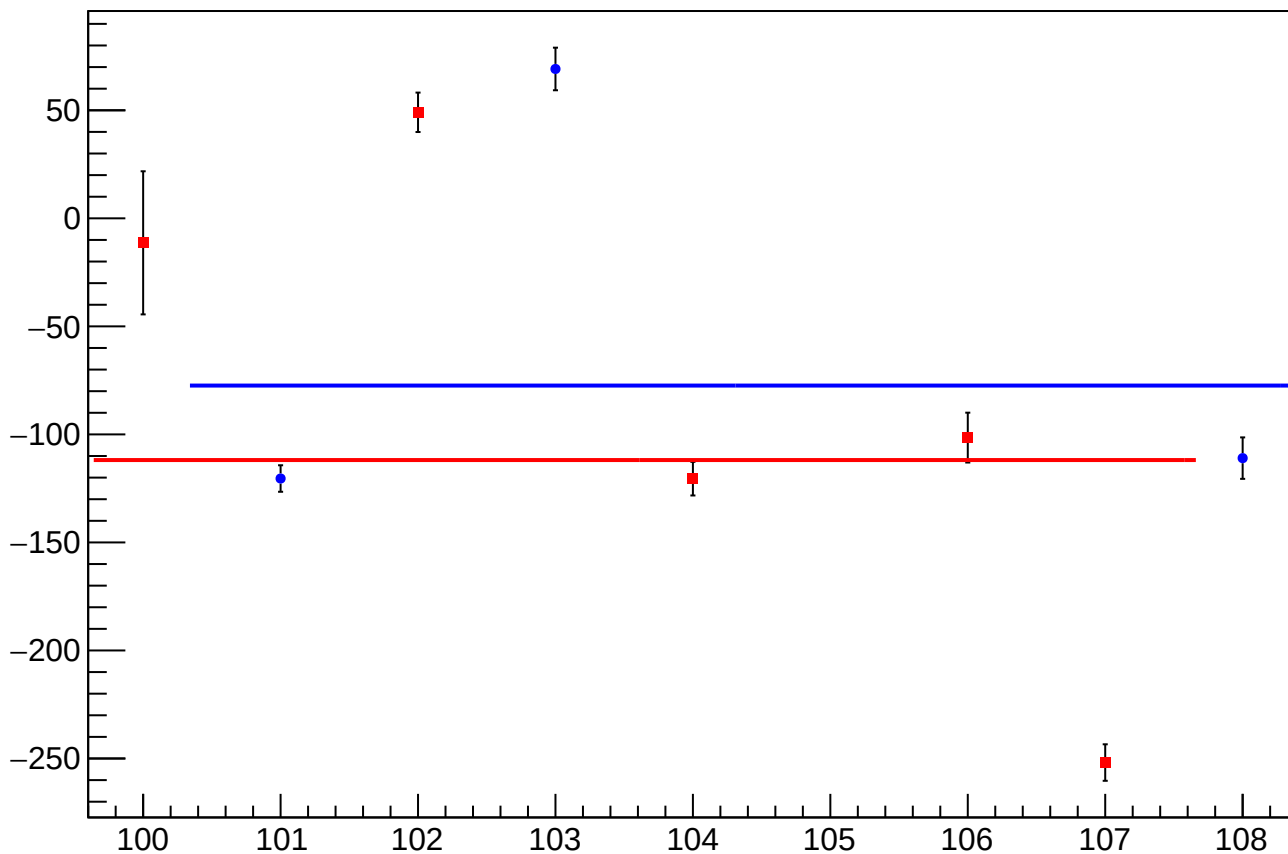
Right: -266.348+/-2.426 χ^2/NDF : 169.1/7

In: -271.327+/-3.351 χ^2/NDF : 1.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -266.348+/-2.426 χ^2/NDF : 169.1/7

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.400 $\pm$ 4.577 χ^2 /NDF: 282.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -111.874 $\pm$ 4.428 χ^2 /NDF: 597.3/4

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

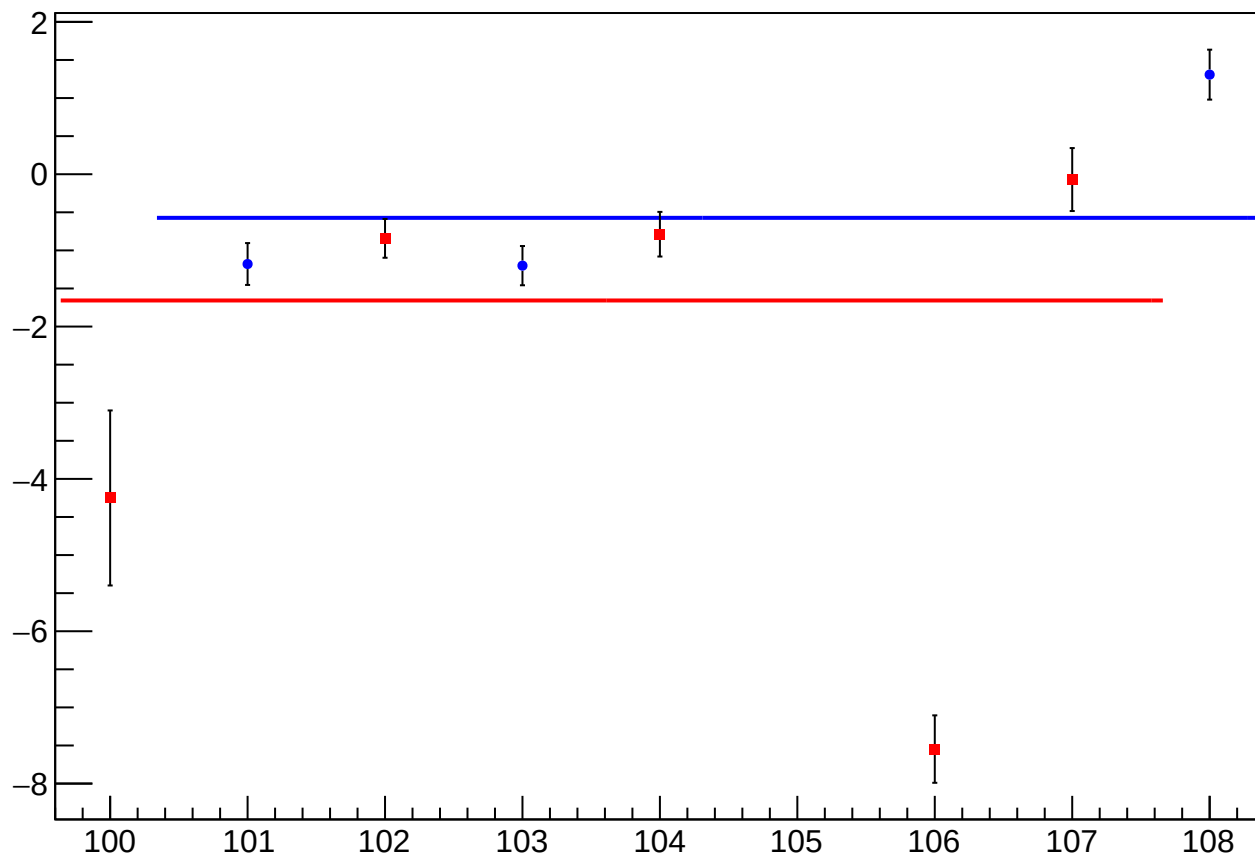
Right: -95.210 $\pm$ 3.182 χ^2 /NDF: 908.9/7

In: -77.400 $\pm$ 4.577 χ^2 /NDF:282.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -95.210 $\pm$ 3.182 χ^2 /NDF: 908.9/7

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.573+/-0.163 χ^2/NDF : 43.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.658+/-0.161 χ^2/NDF : 215.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

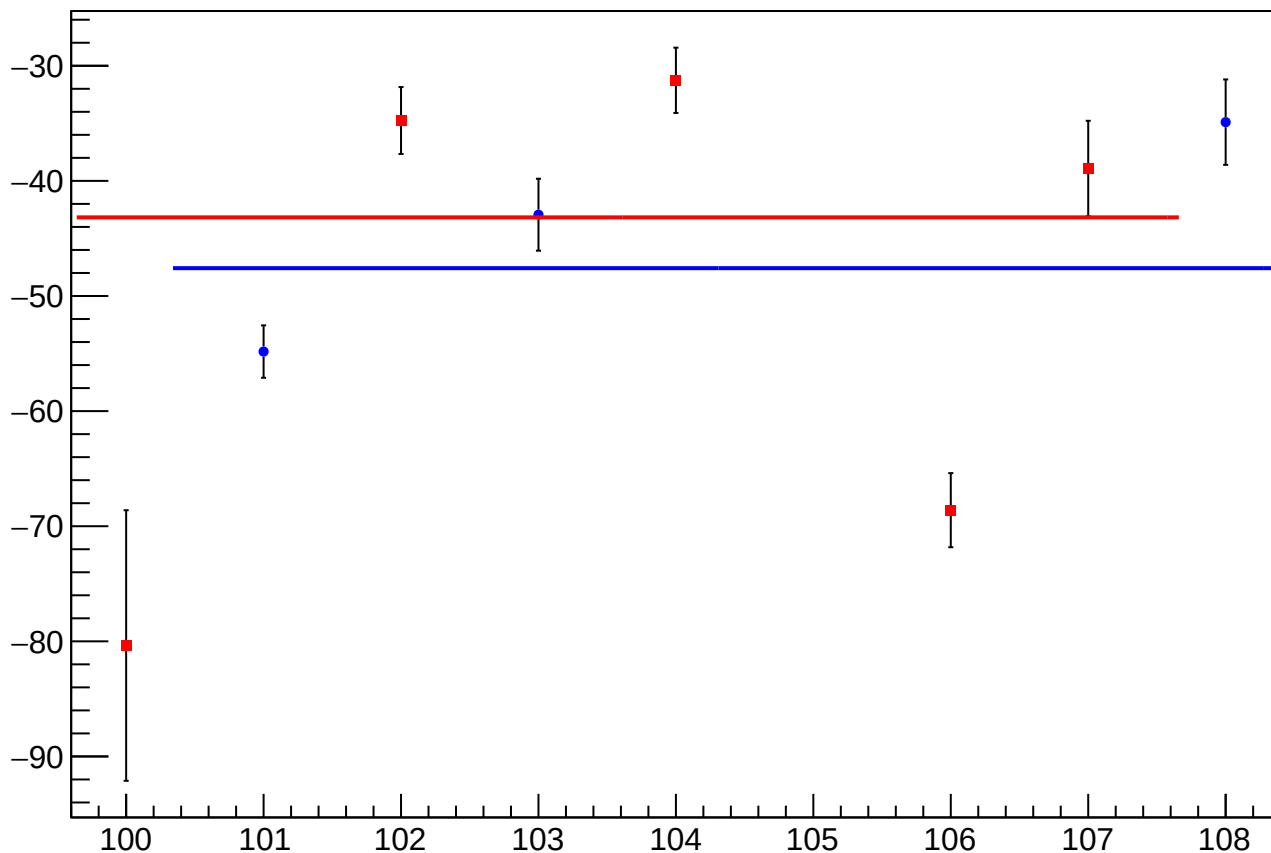
Right: -1.123+/-0.114 χ^2/NDF : 282.1/7

In: -0.573+/-0.163 χ^2/NDF : 43.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.123+/-0.114 χ^2/NDF : 282.1/7

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -47.582 $\pm$ 1.648 χ^2 /NDF: 24.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -43.169 $\pm$ 1.572 χ^2 /NDF: 99.5/4

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

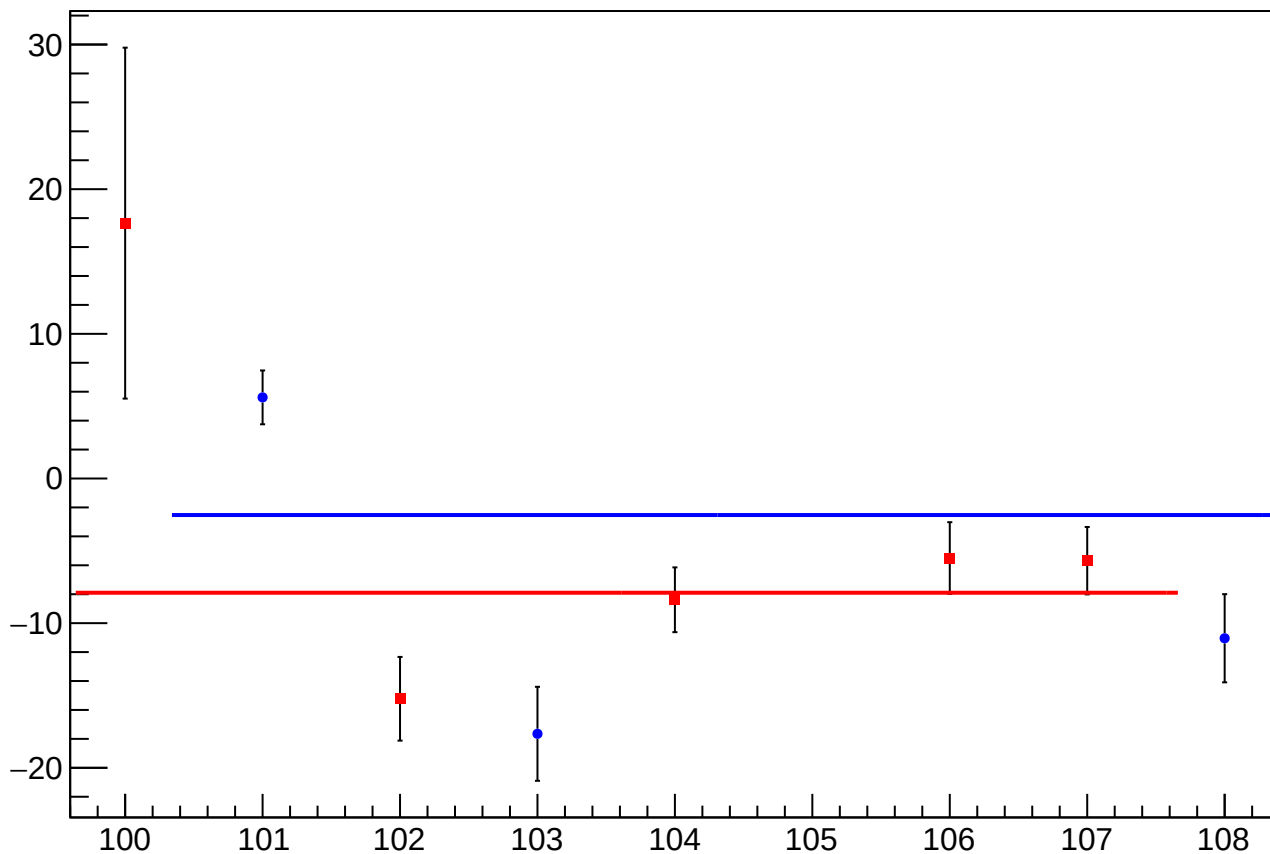
Right: -45.271 $\pm$ 1.138 χ^2 /NDF: 127.3/7

In: -47.582 $\pm$ 1.648 χ^2 /NDF: 24.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -45.271 $\pm$ 1.138 χ^2 /NDF: 127.3/7

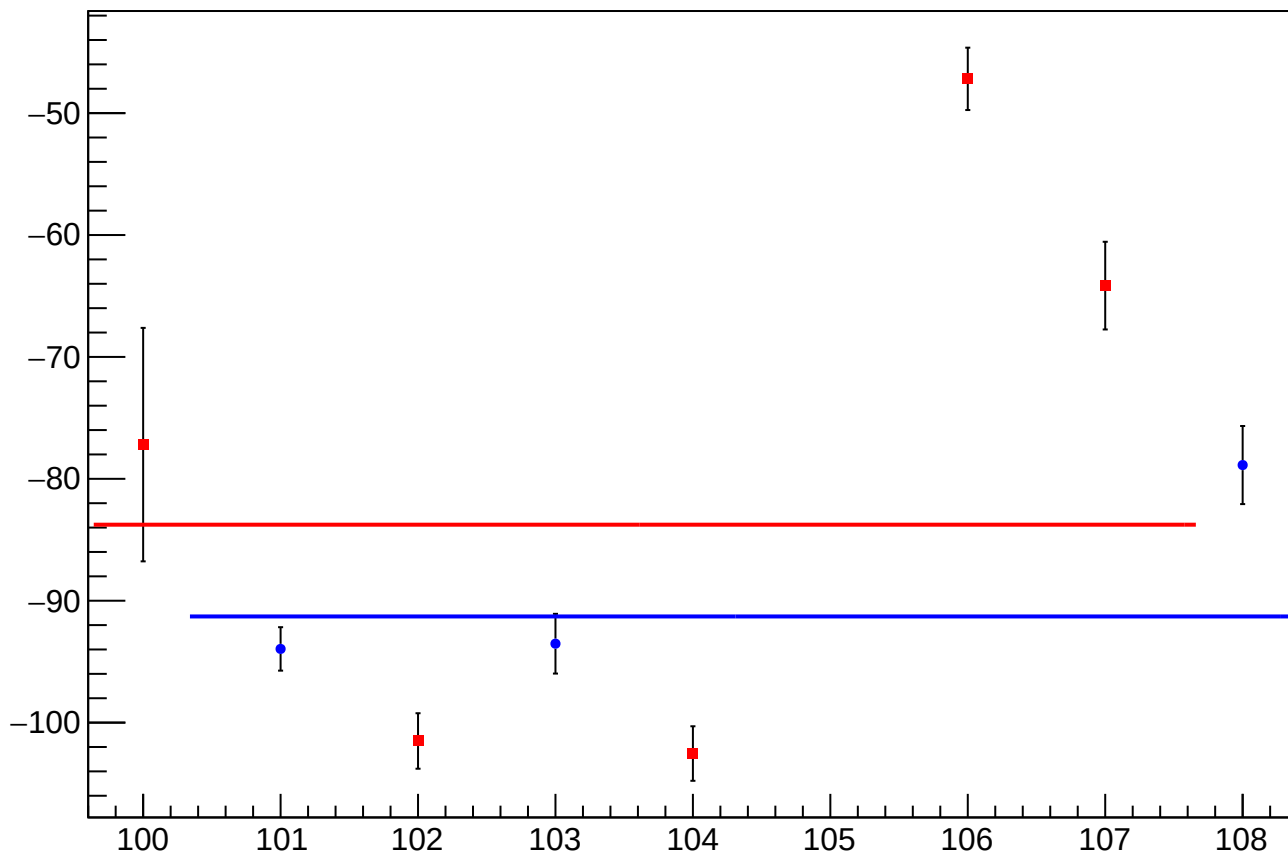
reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.526+/-1.427 χ^2/NDF : 48.6/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -7.897+/-1.219 χ^2/NDF : 12.7/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -5.630+/-0.927 χ^2/NDF : 69.5/7
 In: -2.526+/-1.427 χ^2/NDF : 48.6/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -5.630+/-0.927 χ^2/NDF : 69.5/7

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -91.291+/-1.315 χ^2/NDF : 18.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -83.763+/-1.256 χ^2/NDF : 365.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

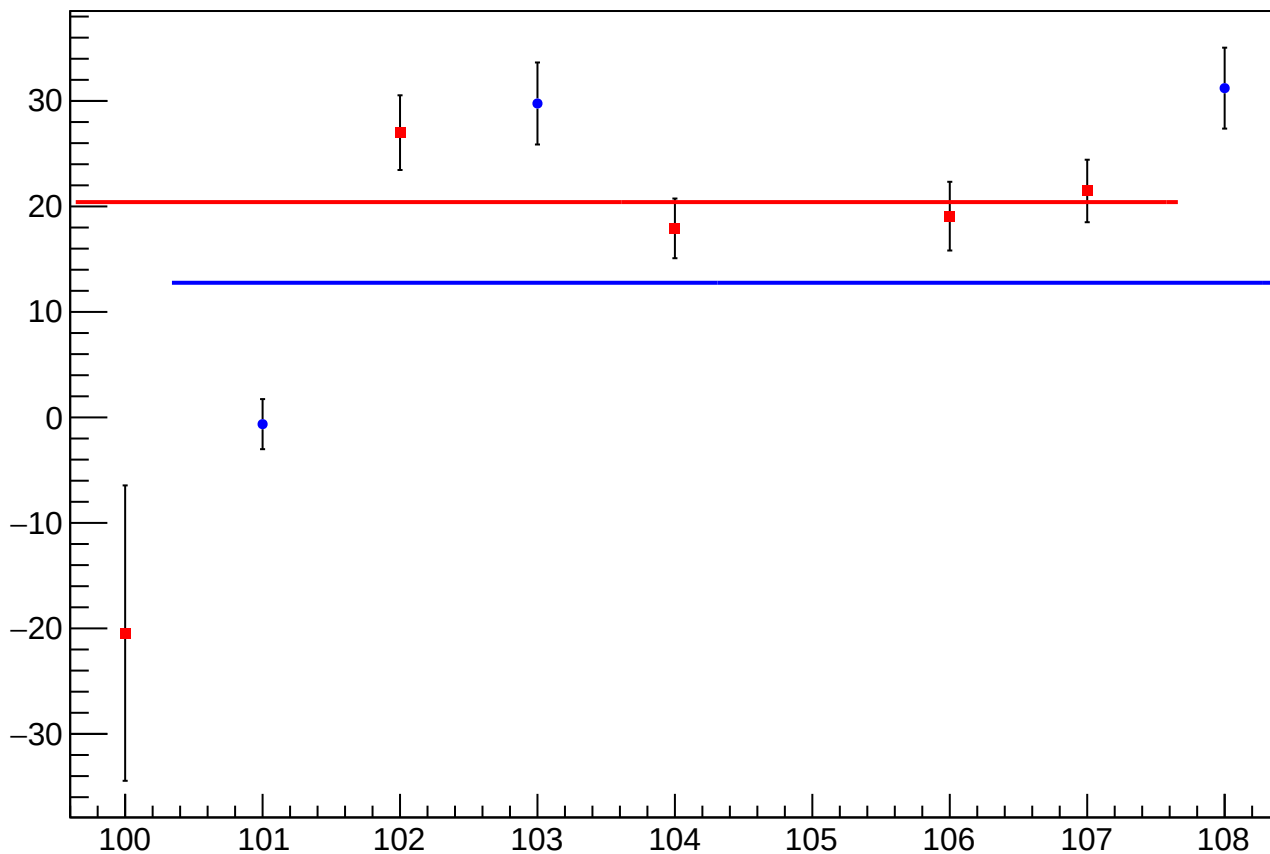
Right: -87.356+/-0.908 χ^2/NDF : 401.1/7

In: -91.291+/-1.315 χ^2/NDF : 18.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -87.356+/-0.908 χ^2/NDF : 401.1/7

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 12.764 $\pm$ 1.791 χ^2 /NDF: 74.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 20.412 $\pm$ 1.547 χ^2 /NDF: 13.0/4

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

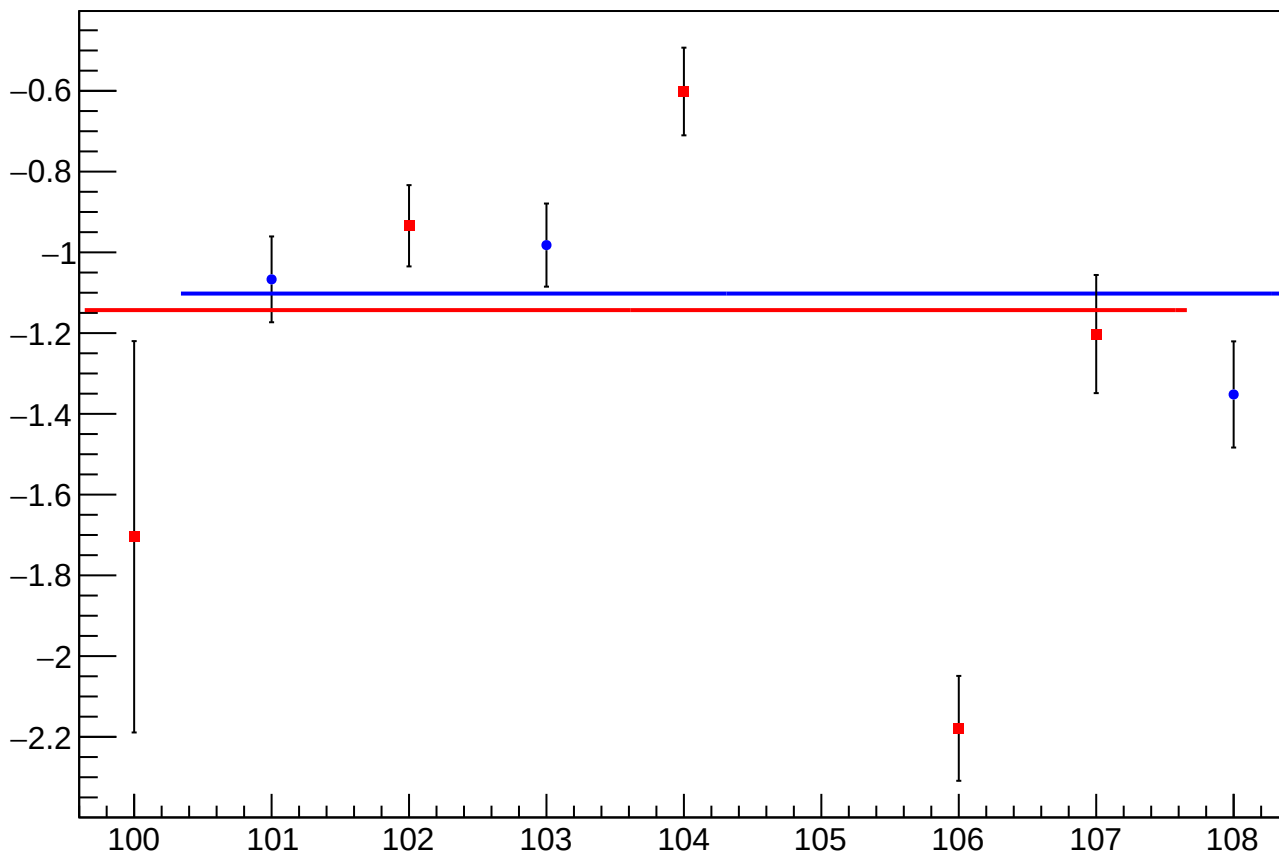
Right: 17.146 $\pm$ 1.171 χ^2 /NDF: 97.6/7

In: 12.764 $\pm$ 1.791 χ^2 /NDF:74.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 17.146 $\pm$ 1.171 χ^2 /NDF: 97.6/7

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.102 $\pm$ 0.064 χ^2 /NDF: 5.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.143 $\pm$ 0.058 χ^2 /NDF: 94.3/4

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

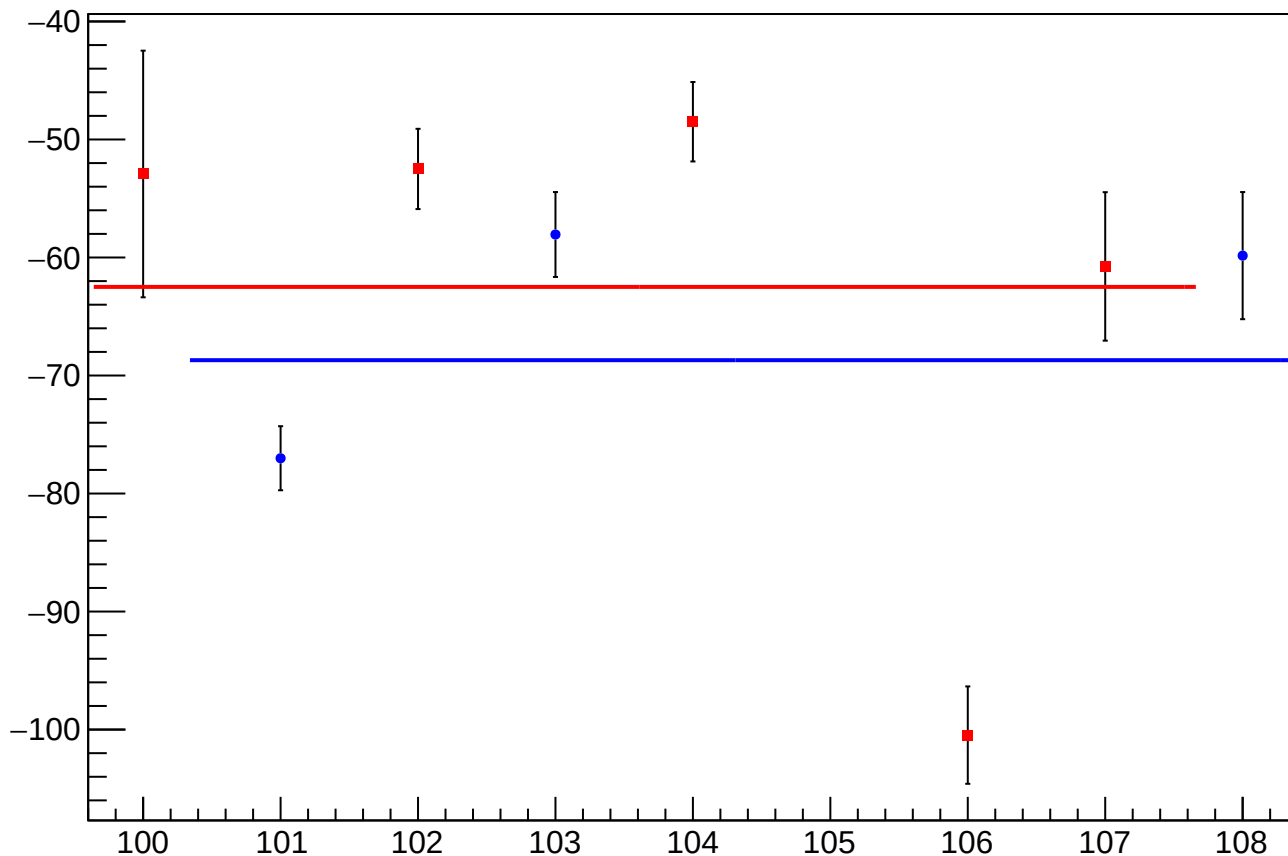
Right: -1.125 $\pm$ 0.043 χ^2 /NDF: 99.6/7

In: -1.102 $\pm$ 0.064 χ^2 /NDF:5.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.125 $\pm$ 0.043 χ^2 /NDF: 99.6/7

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -68.701 $\pm$ 2.010 χ^2 /NDF: 20.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -62.491 $\pm$ 1.932 χ^2 /NDF: 111.6/4

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

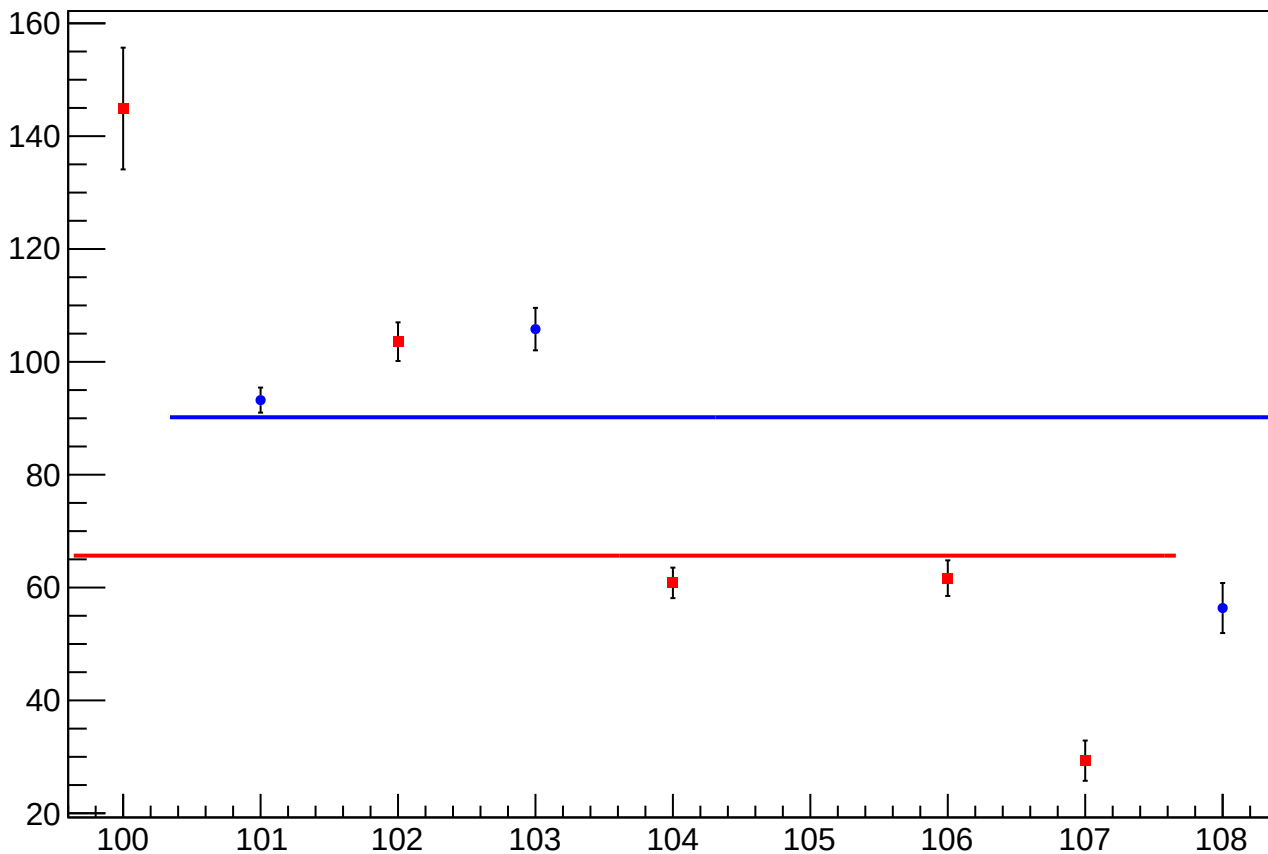
Right: -65.473 $\pm$ 1.393 χ^2 /NDF: 137.4/7

In: -68.701 $\pm$ 2.010 χ^2 /NDF: 20.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -65.473 $\pm$ 1.393 χ^2 /NDF: 137.4/7

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 90.183+/-1.756 χ^2/NDF : 77.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.658+/-1.562 χ^2/NDF : 285.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

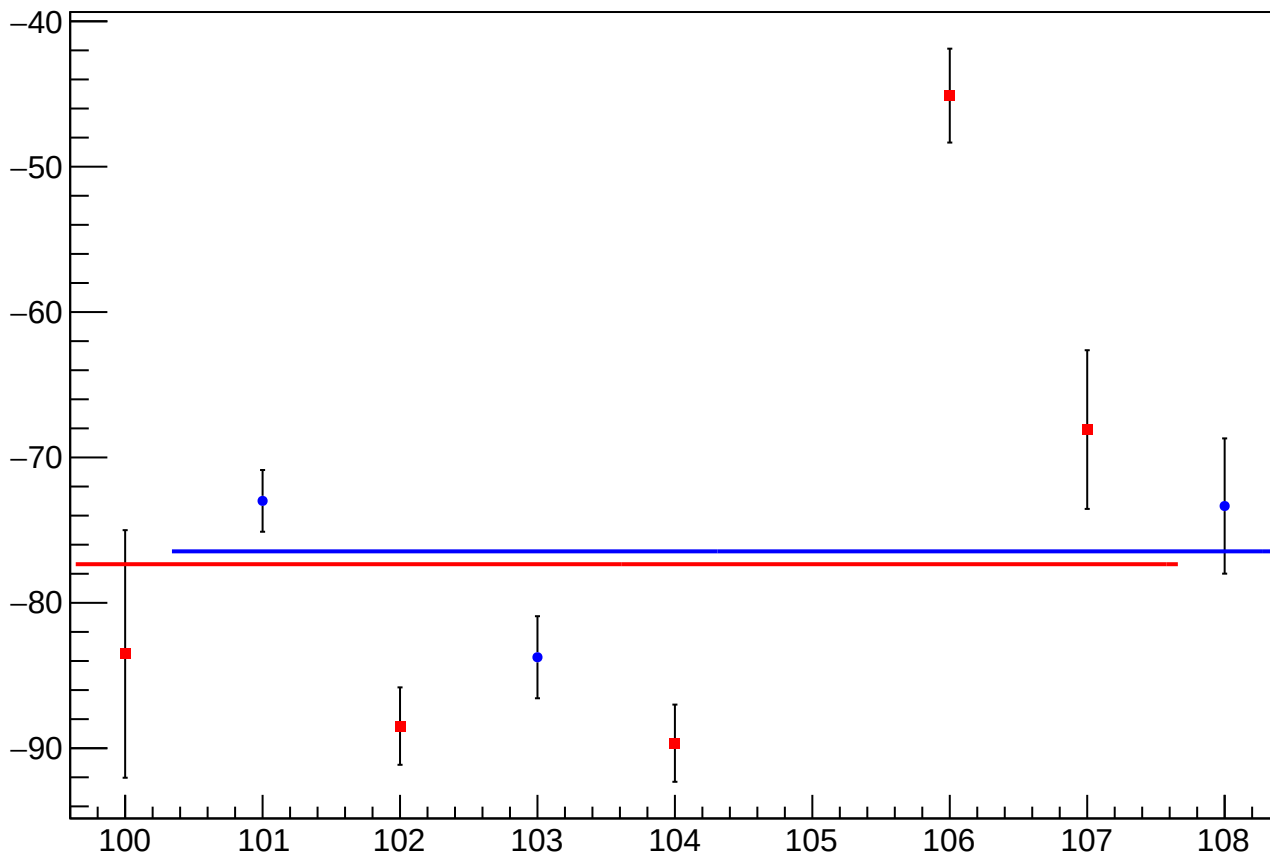
Right: 76.491+/-1.167 χ^2/NDF : 471.5/7

In: 90.183+/-1.756 χ^2/NDF : 77.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.491+/-1.167 χ^2/NDF : 471.5/7

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.458+/-1.594 χ^2/NDF : 9.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -77.343+/-1.532 χ^2/NDF : 142.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

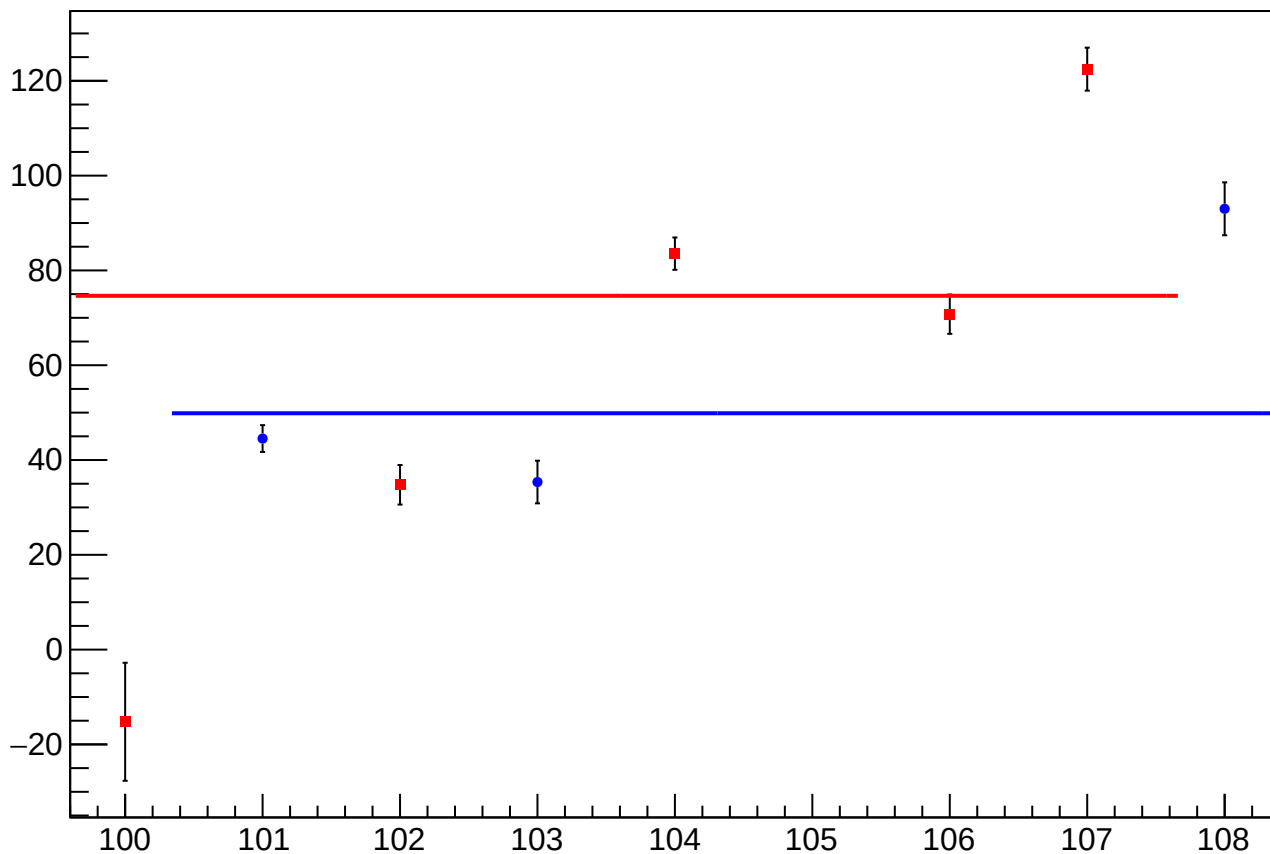
Right: -76.918+/-1.105 χ^2/NDF : 151.9/7

In: -76.458+/-1.594 χ^2/NDF : 9.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -76.918+/-1.105 χ^2/NDF : 151.9/7

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 49.865+/-2.200 χ^2/NDF : 73.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.649+/-1.974 χ^2/NDF : 262.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

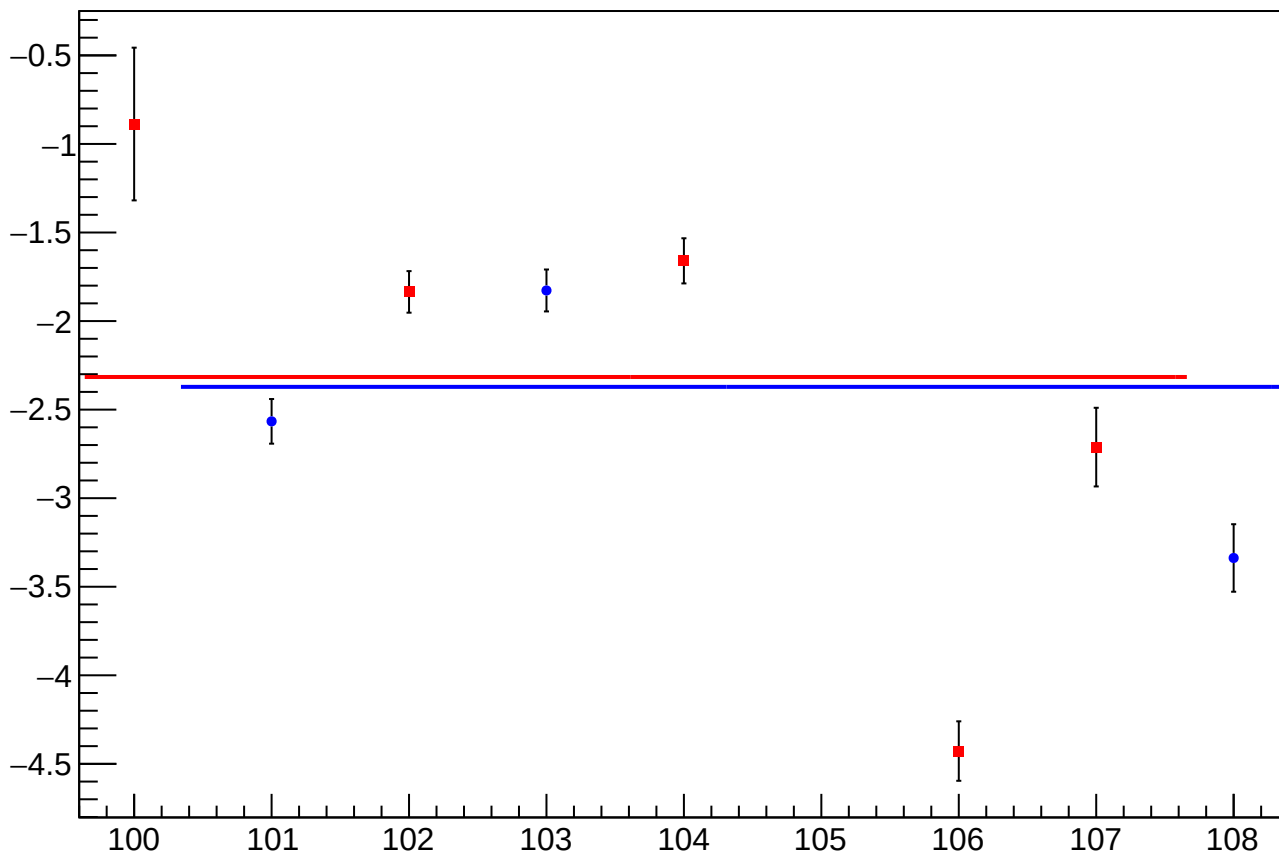
Right: 63.598+/-1.469 χ^2/NDF : 406.2/7

In: 49.865+/-2.200 χ^2/NDF : 73.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.598+/-1.469 χ^2/NDF : 406.2/7

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -2.372 $\pm$ 0.079 χ^2 /NDF: 49.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.316 $\pm$ 0.072 χ^2 /NDF: 215.6/4

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

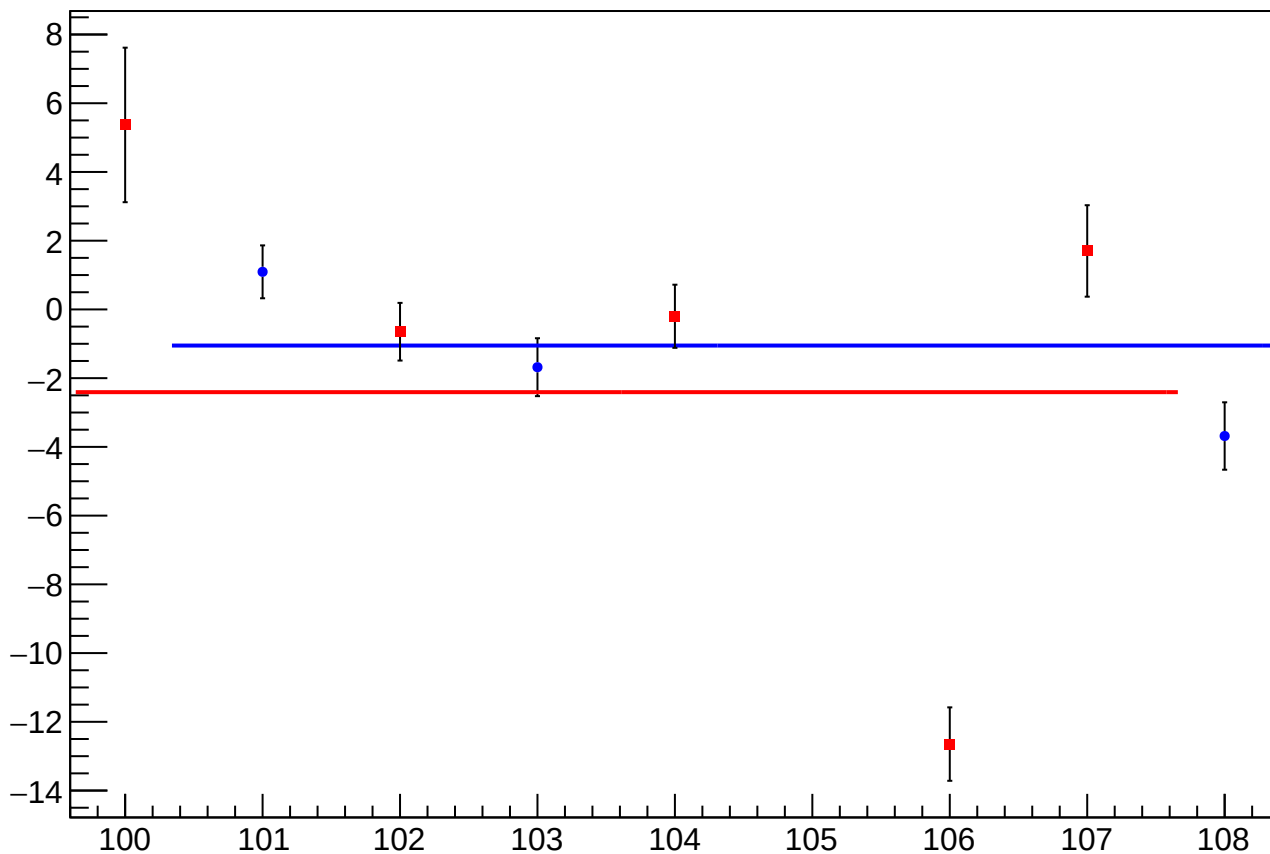
Right: -2.341 $\pm$ 0.053 χ^2 /NDF: 265.1/7

In: -2.372 $\pm$ 0.079 χ^2 /NDF: 49.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2.341 $\pm$ 0.053 χ^2 /NDF: 265.1/7

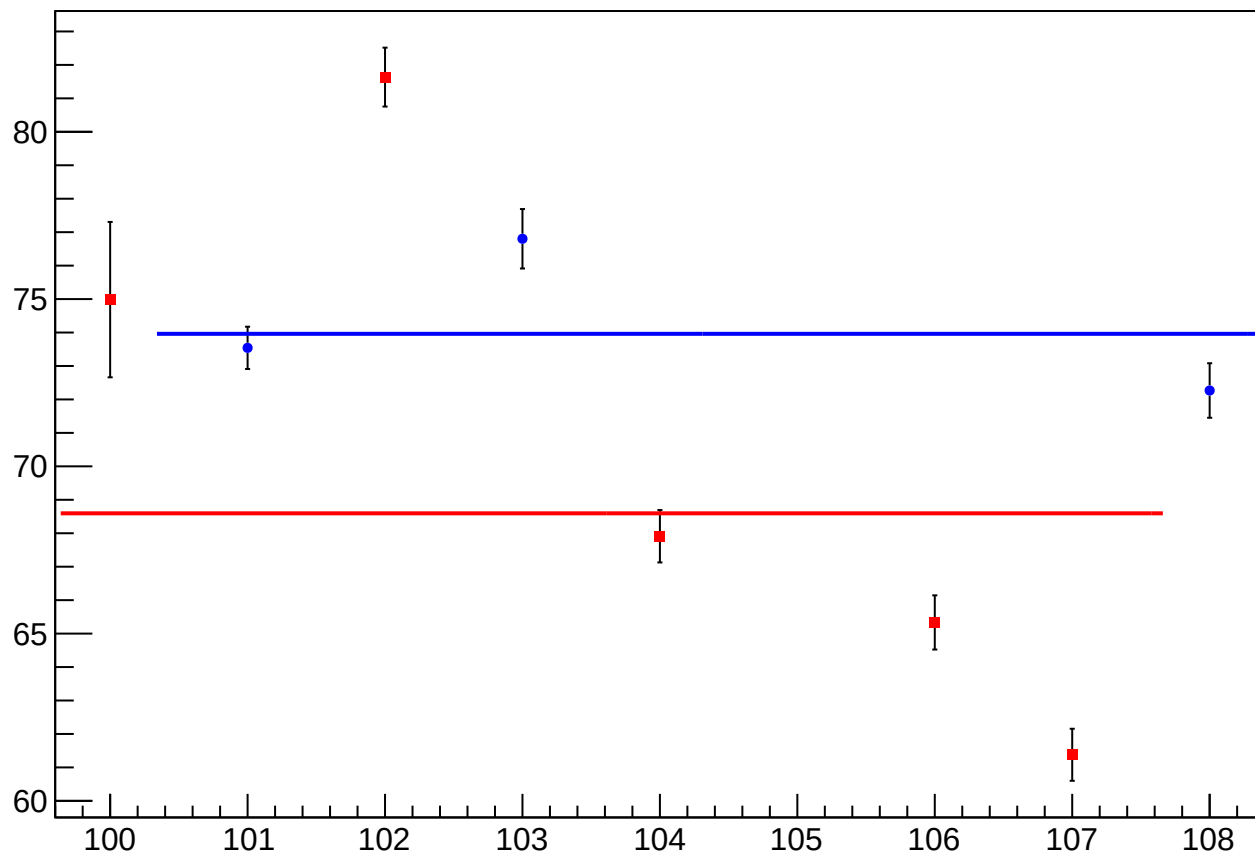
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.051 $\pm$ 0.492 χ^2 /NDF: 15.5/2
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -2.407 $\pm$ 0.485 χ^2 /NDF: 123.5/4
 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: -1.738 $\pm$ 0.345 χ^2 /NDF: 142.9/7
 In: -1.051 $\pm$ 0.492 χ^2 /NDF:15.5/2
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -1.738 $\pm$ 0.345 χ^2 /NDF: 142.9/7

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 73.961 $\pm$ 0.435 χ^2 /NDF: 15.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 68.595 $\pm$ 0.399 χ^2 /NDF: 330.1/4

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

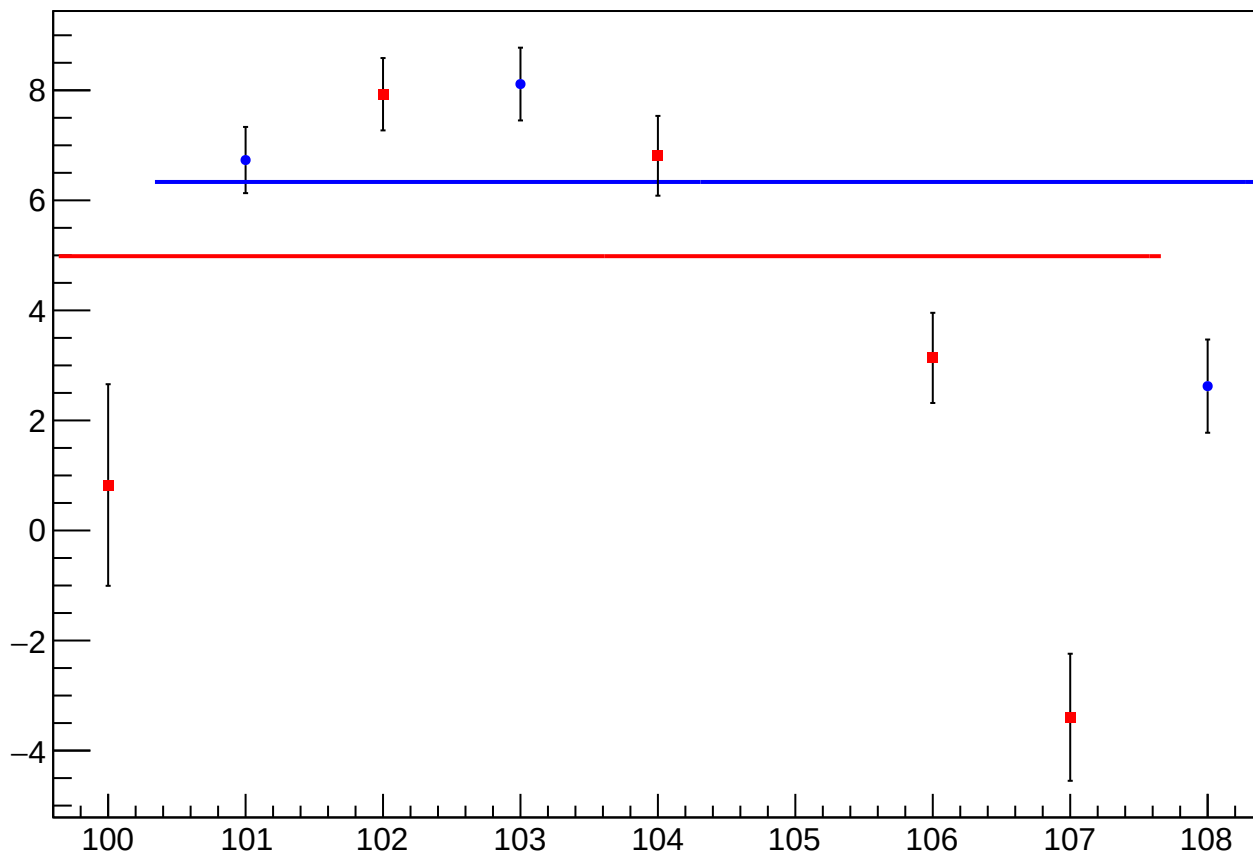
Right: 71.044 $\pm$ 0.294 χ^2 /NDF: 427.6/7

In: 73.961 $\pm$ 0.435 χ^2 /NDF: 15.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 71.044 $\pm$ 0.294 χ^2 /NDF: 427.6/7

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.334+/-0.394 χ^2/NDF : 26.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.985+/-0.385 χ^2/NDF : 89.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

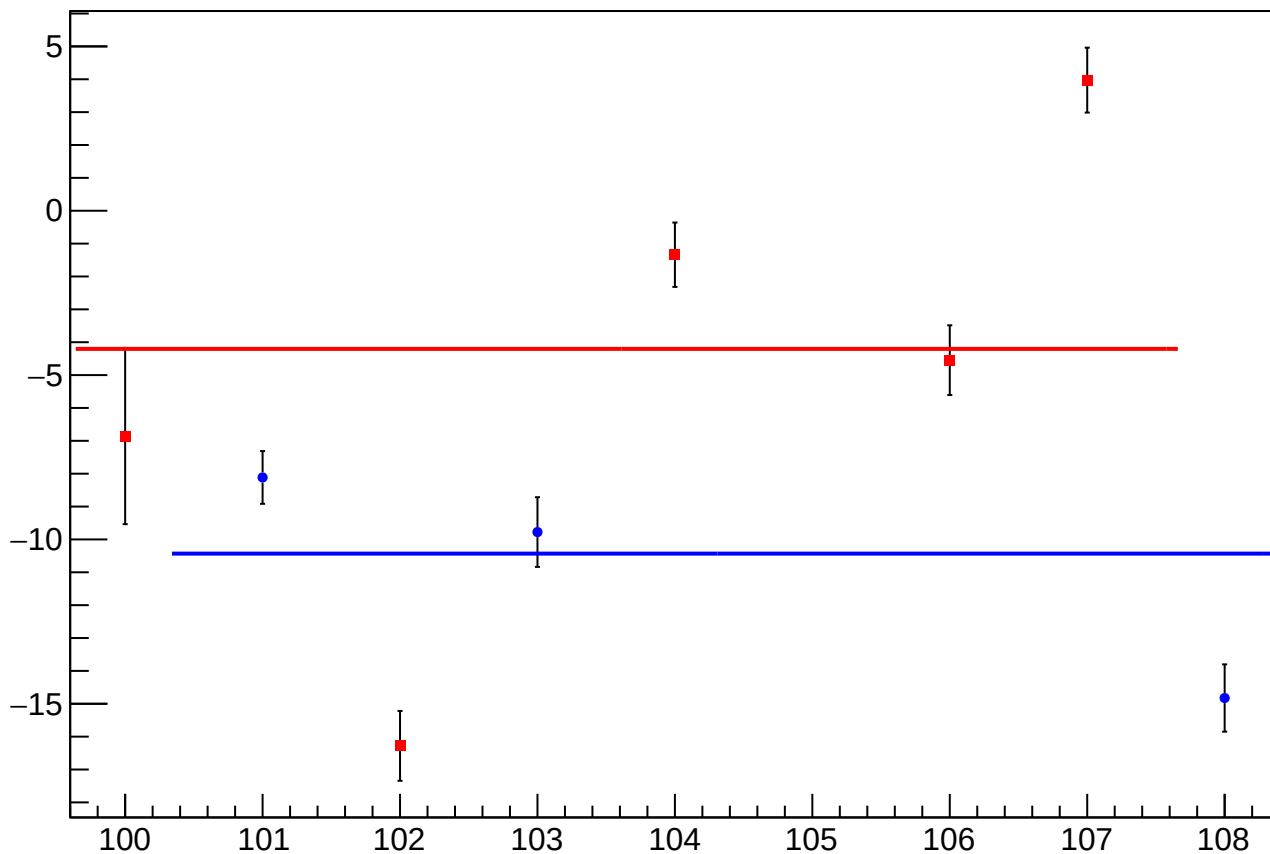
Right: 5.644+/-0.275 χ^2/NDF : 122.2/7

In: 6.334+/-0.394 χ^2/NDF : 26.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.644+/-0.275 χ^2/NDF : 122.2/7

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -10.432 ± 0.543 $\chi^2/\text{NDF}: 27.1/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -4.203 ± 0.501 $\chi^2/\text{NDF}: 207.5/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

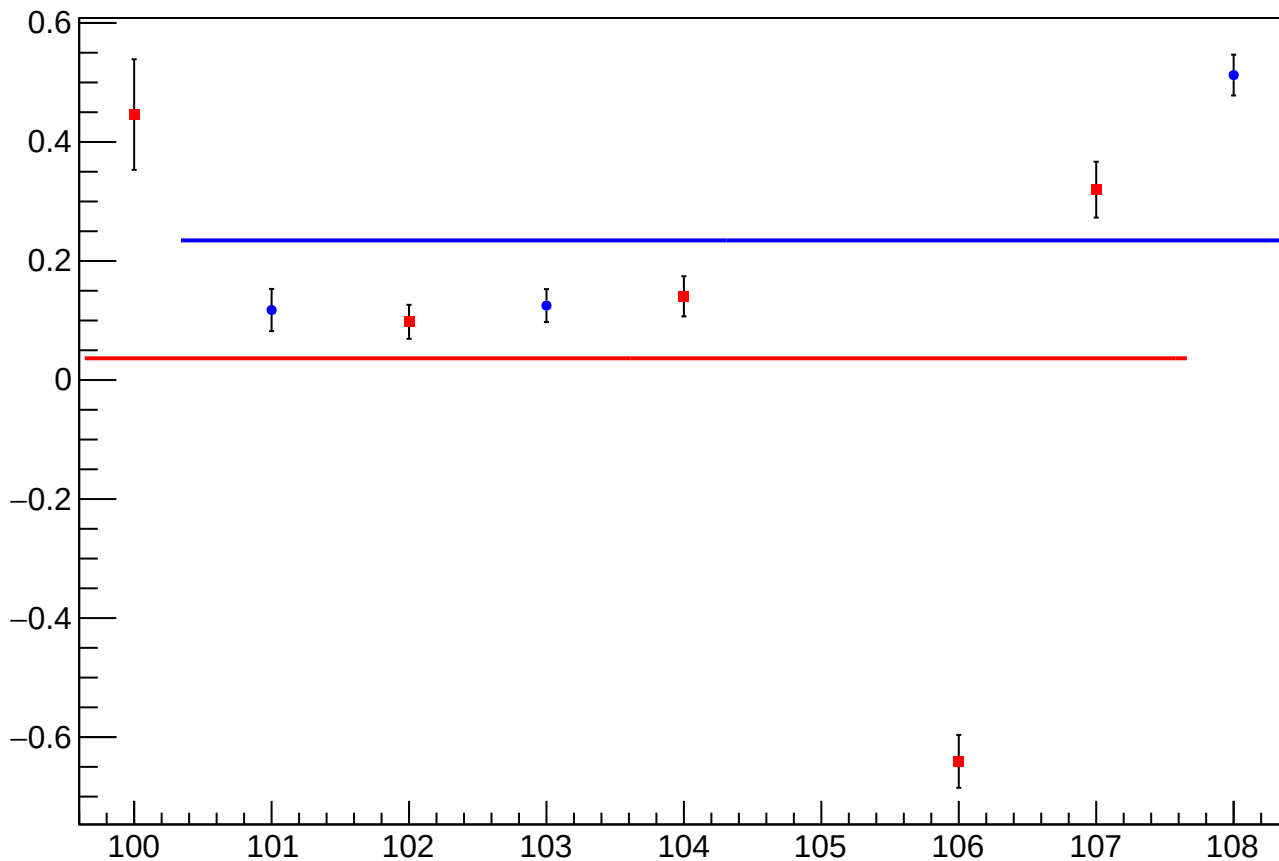
Right: -7.070 ± 0.368 $\chi^2/\text{NDF}: 305.7/7$

In: -10.432 ± 0.543 $\chi^2/\text{NDF}: 27.1/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -7.070 ± 0.368 $\chi^2/\text{NDF}: 305.7/7$

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.235+/-0.018 χ^2/NDF : 92.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.037+/-0.018 χ^2/NDF : 302.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

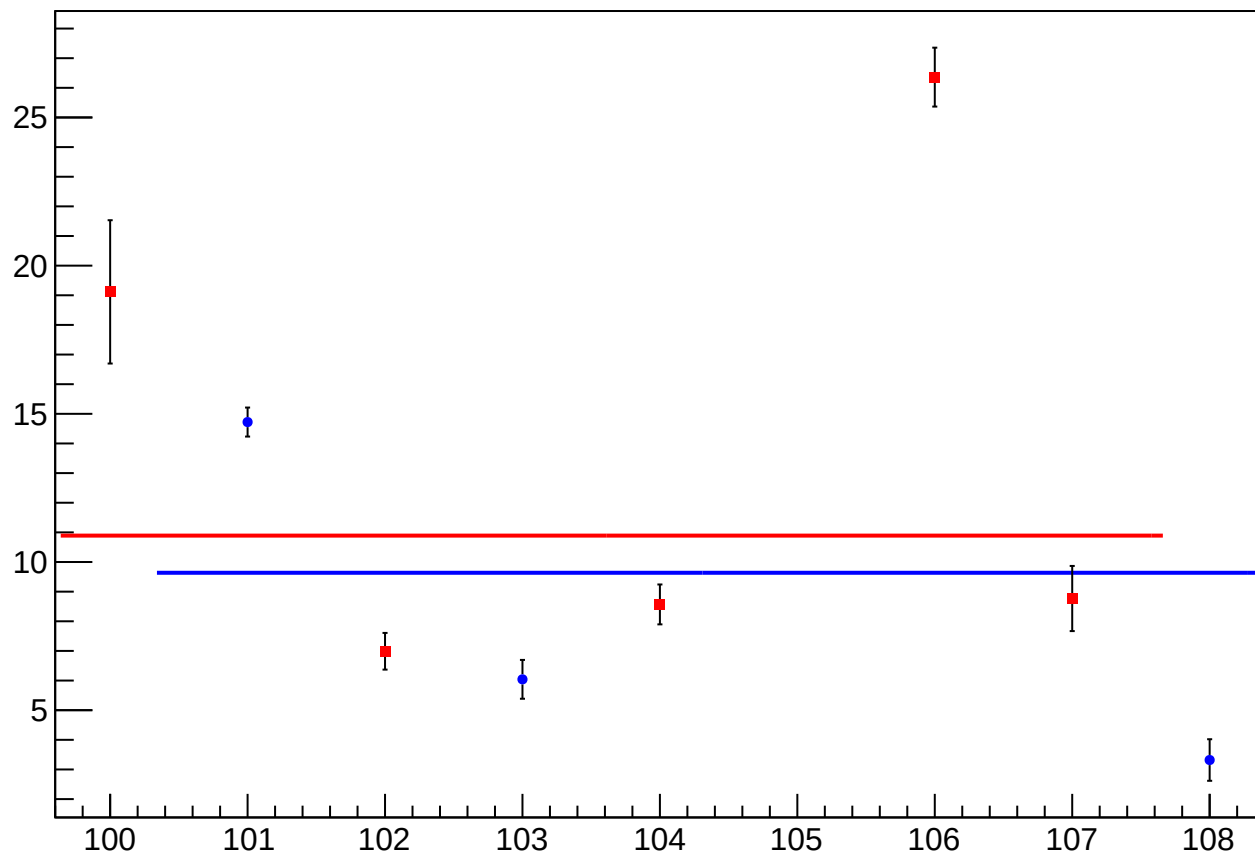
Right: 0.132+/-0.013 χ^2/NDF : 454.5/7

In: 0.235+/-0.018 χ^2/NDF : 92.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.132+/-0.013 χ^2/NDF : 454.5/7

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 9.637 $\pm$ 0.342 χ^2 /NDF: 219.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.891 $\pm$ 0.383 χ^2 /NDF: 309.3/4

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

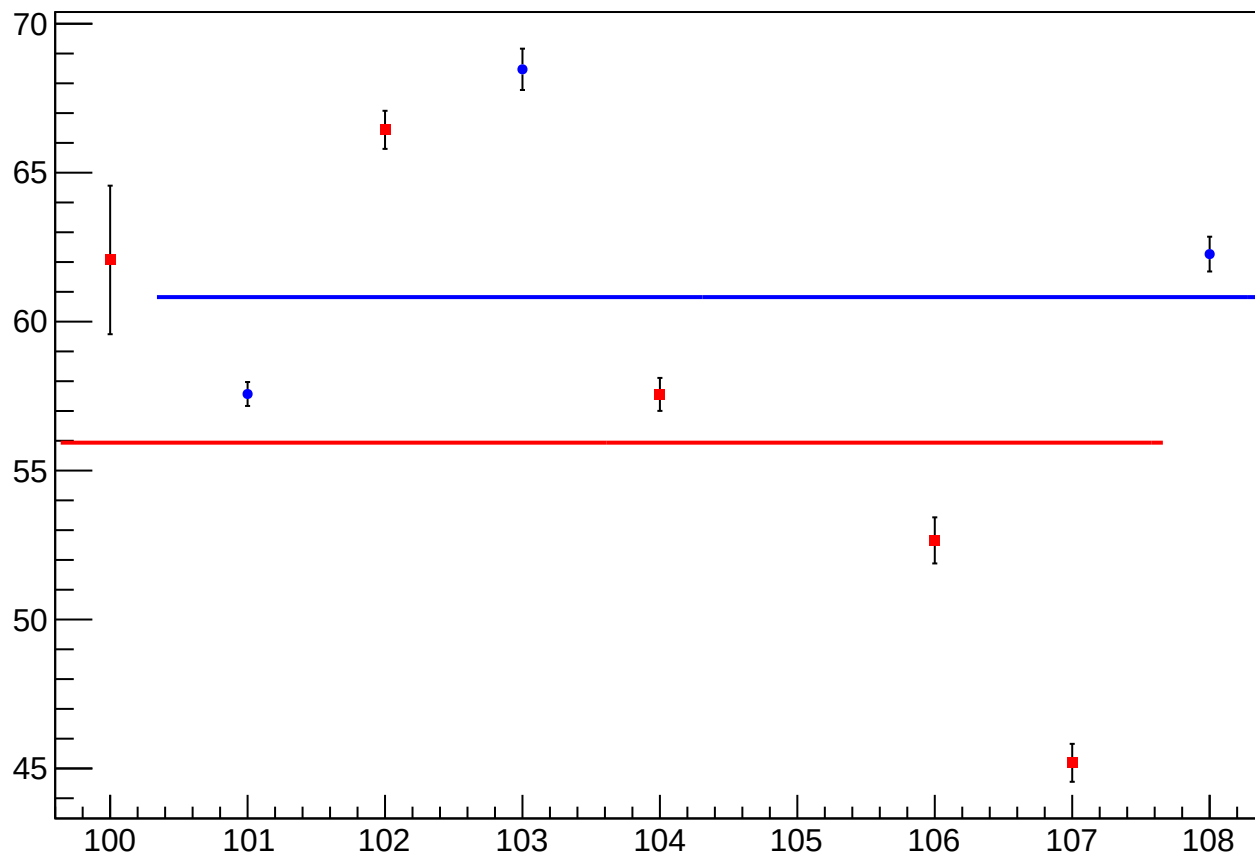
Right: 10.194 $\pm$ 0.255 χ^2 /NDF: 534.5/7

In: 9.637 $\pm$ 0.342 χ^2 /NDF: 219.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.194 $\pm$ 0.255 χ^2 /NDF: 534.5/7

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.823+/-0.299 χ^2/NDF : 193.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.937+/-0.316 χ^2/NDF : 587.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

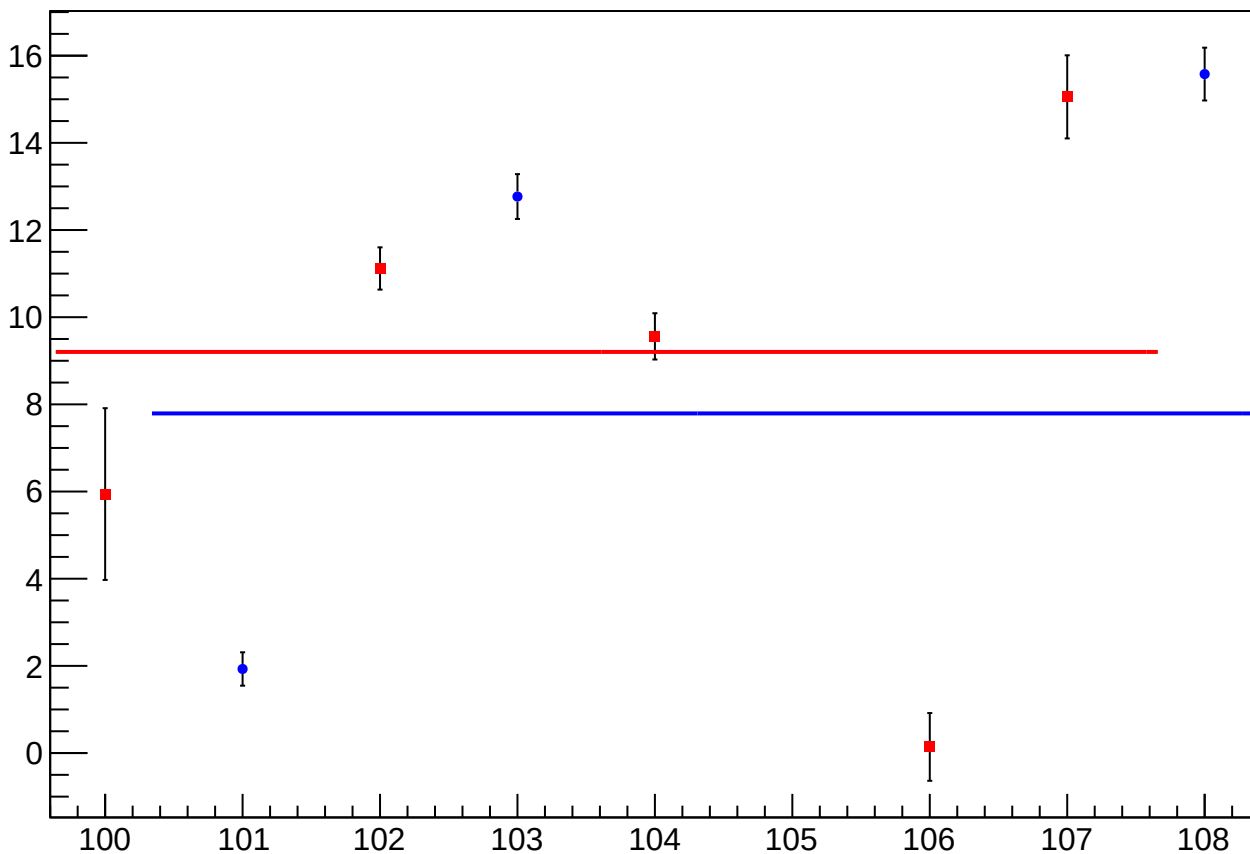
Right: 58.518+/-0.217 χ^2/NDF : 906.8/7

In: 60.823+/-0.299 χ^2/NDF : 193.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.518+/-0.217 χ^2/NDF : 906.8/7

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.792 $\pm$ 0.274 χ^2 /NDF: 493.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.203 $\pm$ 0.304 χ^2 /NDF: 192.4/4

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

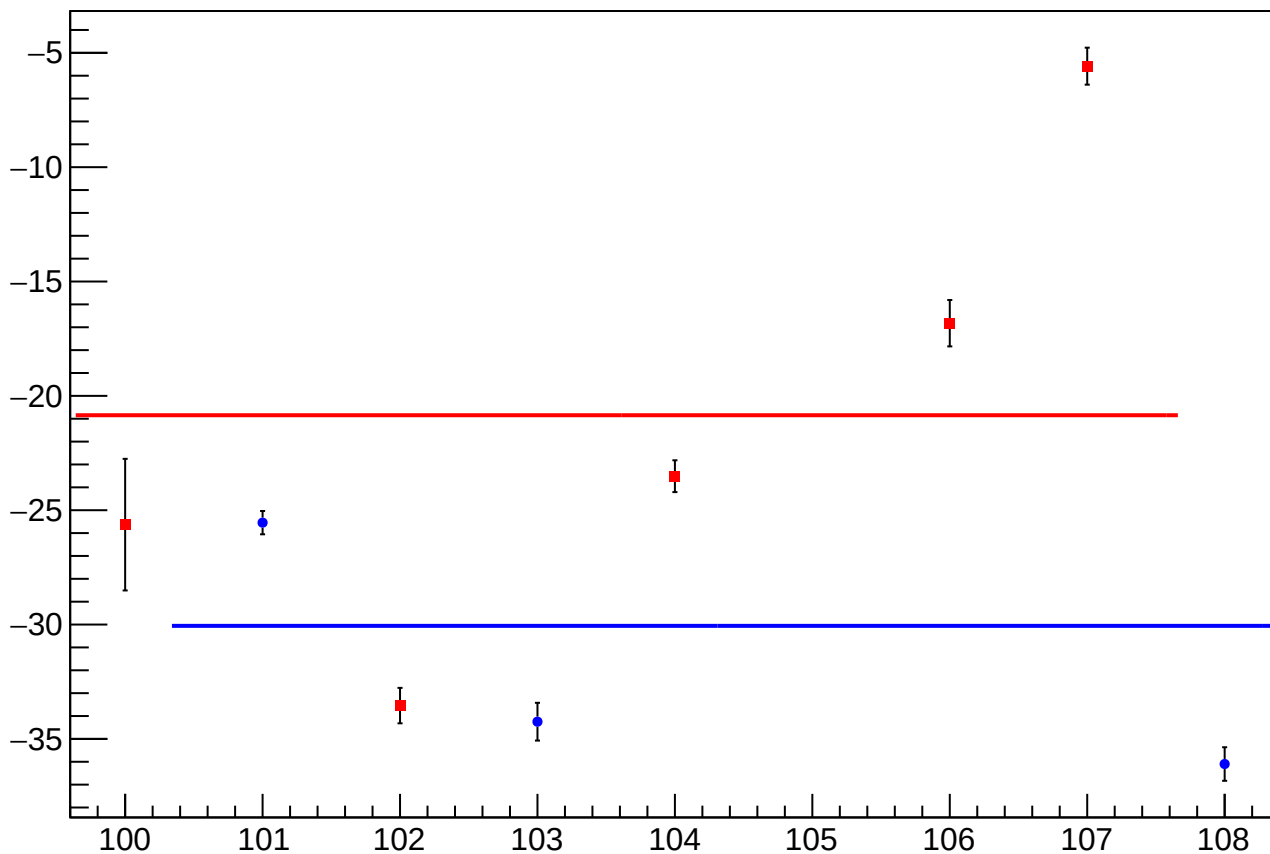
Right: 8.424 $\pm$ 0.204 χ^2 /NDF: 697.8/7

In: 7.792 $\pm$ 0.274 χ^2 /NDF: 493.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.424 $\pm$ 0.204 χ^2 /NDF: 697.8/7

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -30.057 $\pm$ 0.373 χ^2 /NDF: 172.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -20.847 $\pm$ 0.397 χ^2 /NDF: 657.9/4

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

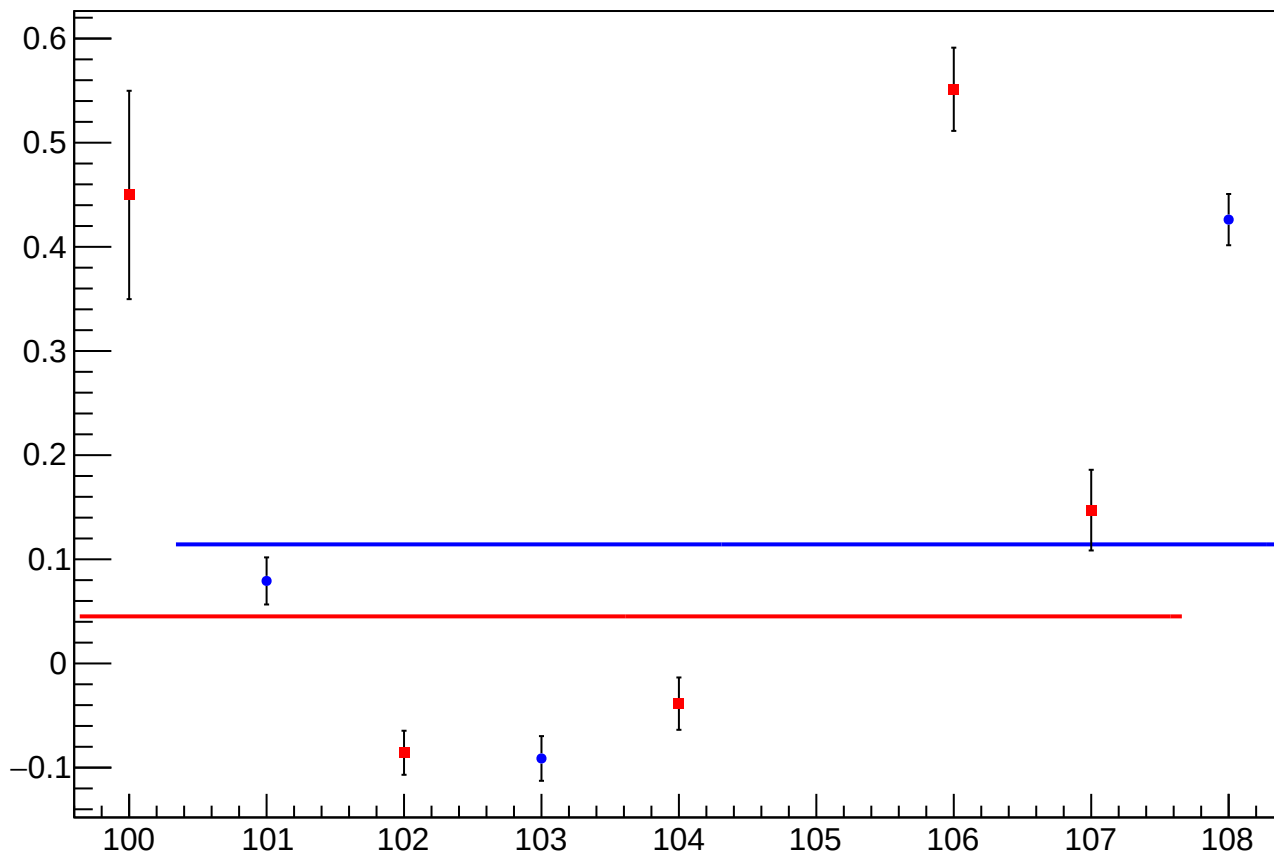
Right: -25.730 $\pm$ 0.272 χ^2 /NDF: 1115.8/7

In: -30.057 $\pm$ 0.373 χ^2 /NDF: 172.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -25.730 $\pm$ 0.272 χ^2 /NDF: 1115.8/7

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.114+/-0.013 χ^2/NDF : 254.9/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.045+/-0.014 χ^2/NDF : 233.3/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

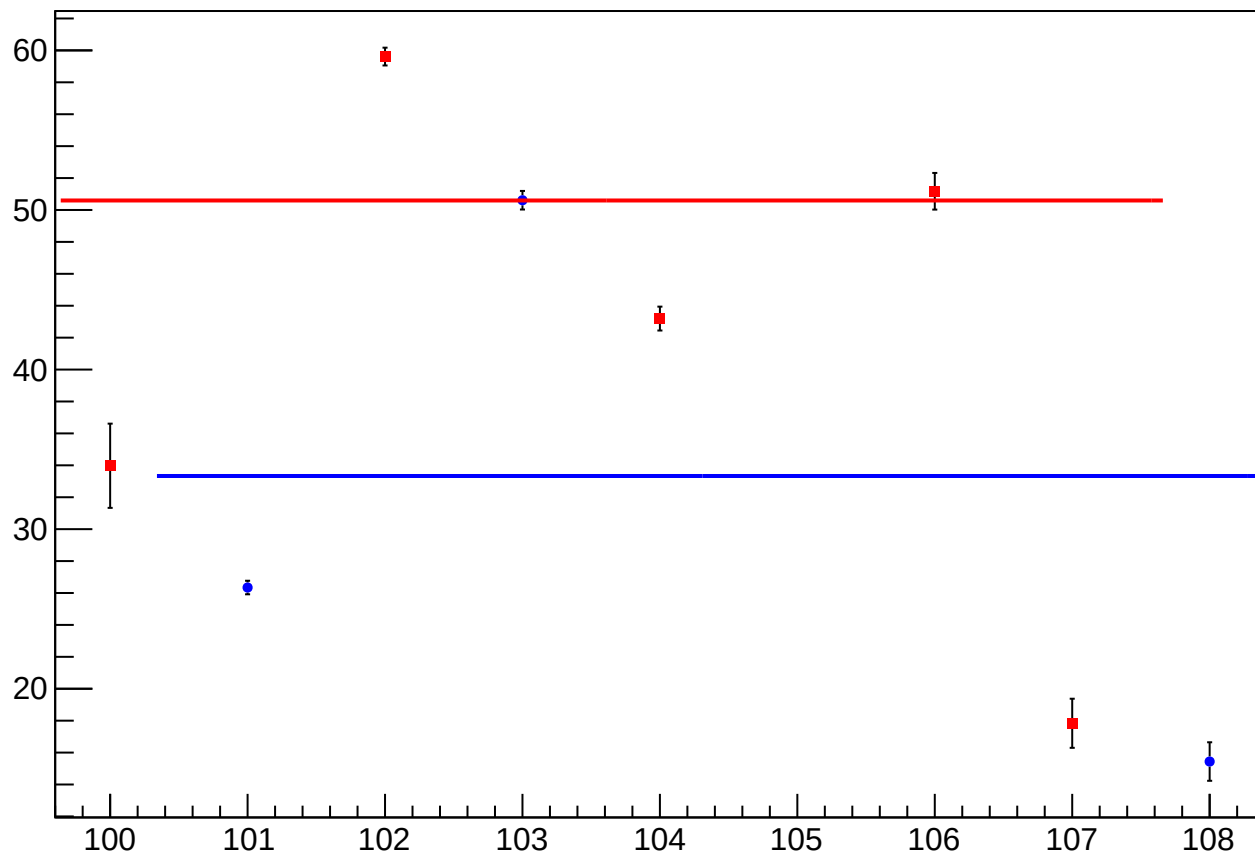
Right: 0.082+/-0.010 χ^2/NDF : 501.3/7

In: 0.114+/-0.013 χ^2/NDF :254.9/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.082+/-0.010 χ^2/NDF : 501.3/7

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 33.331+/-0.330 χ^2/NDF : 1371.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.595+/-0.397 χ^2/NDF : 852.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

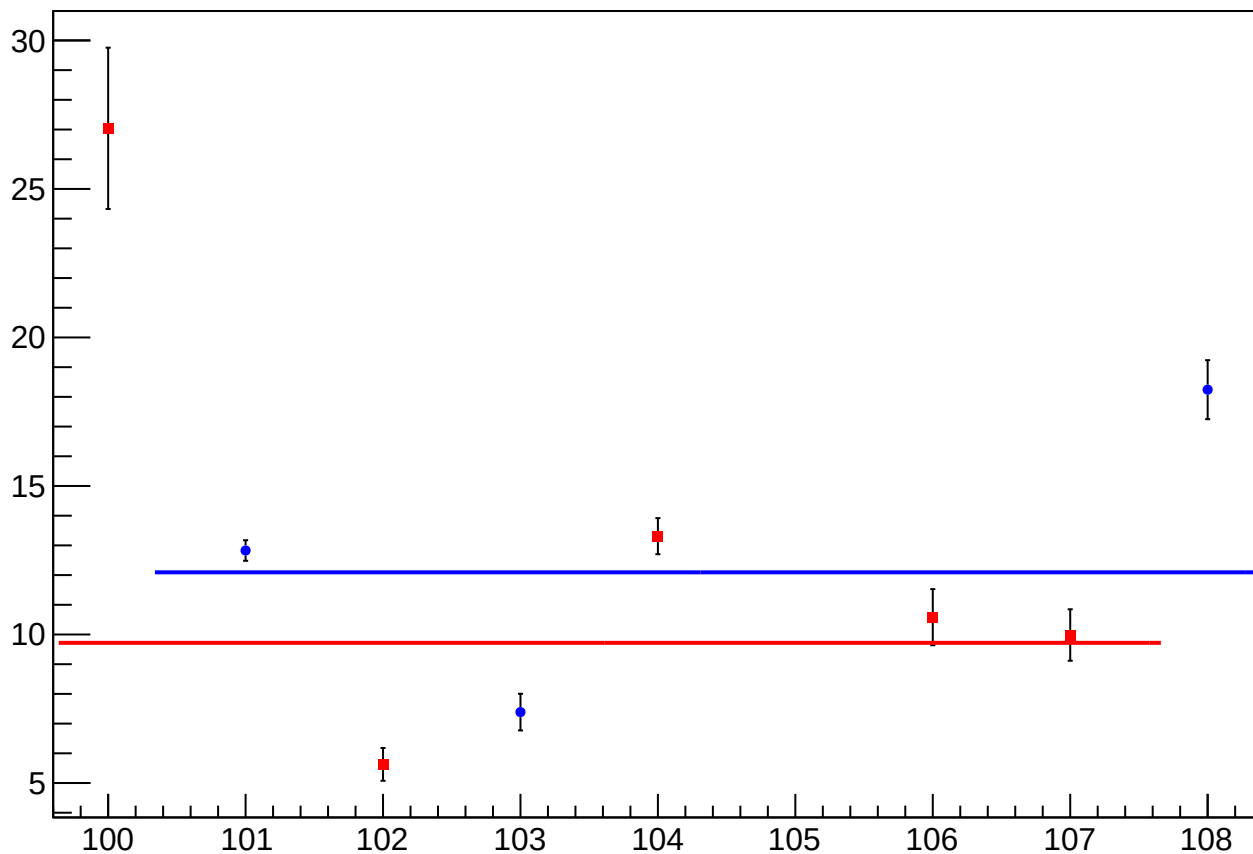
Right: 40.380+/-0.254 χ^2/NDF : 3339.9/7

In: 33.331+/-0.330 χ^2/NDF : 1371.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.380+/-0.254 χ^2/NDF : 3339.9/7

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.093+/-0.289 χ^2 /NDF: 101.0/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 9.719+/-0.342 χ^2 /NDF: 131.4/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

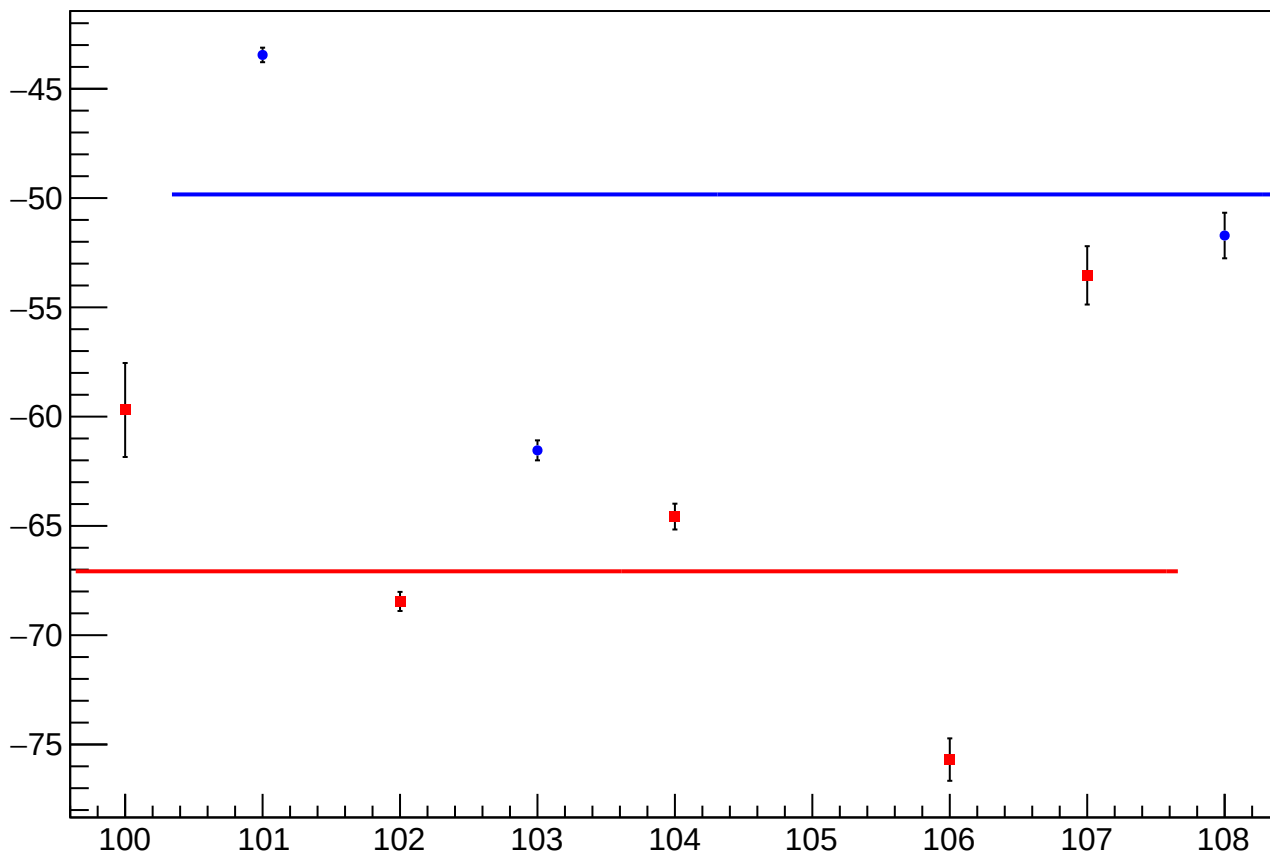
Right: 11.102+/-0.221 χ^2 /NDF: 260.5/7

In: 12.093+/-0.289 χ^2 /NDF:101.0/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 11.102+/-0.221 χ^2 /NDF: 260.5/7

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -49.834+/-0.260 χ^2/NDF : 1027.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -67.077+/-0.317 χ^2/NDF : 221.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

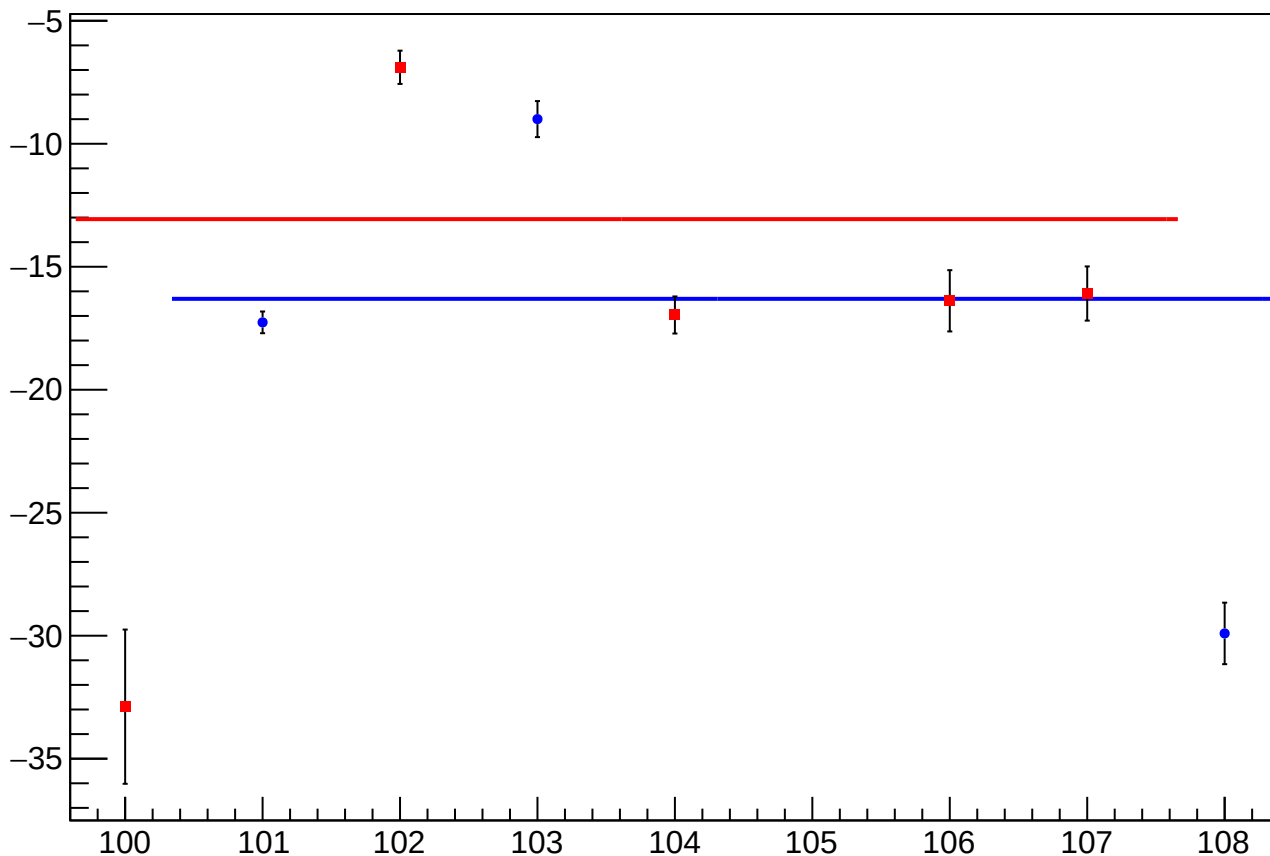
Right: -56.783+/-0.201 χ^2/NDF : 3015.3/7

In: -49.834+/-0.260 χ^2/NDF : 1027.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.783+/-0.201 χ^2/NDF : 3015.3/7

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.304 $\pm$ 0.362 χ^2 /NDF: 222.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -13.064 $\pm$ 0.426 χ^2 /NDF: 164.7/4

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

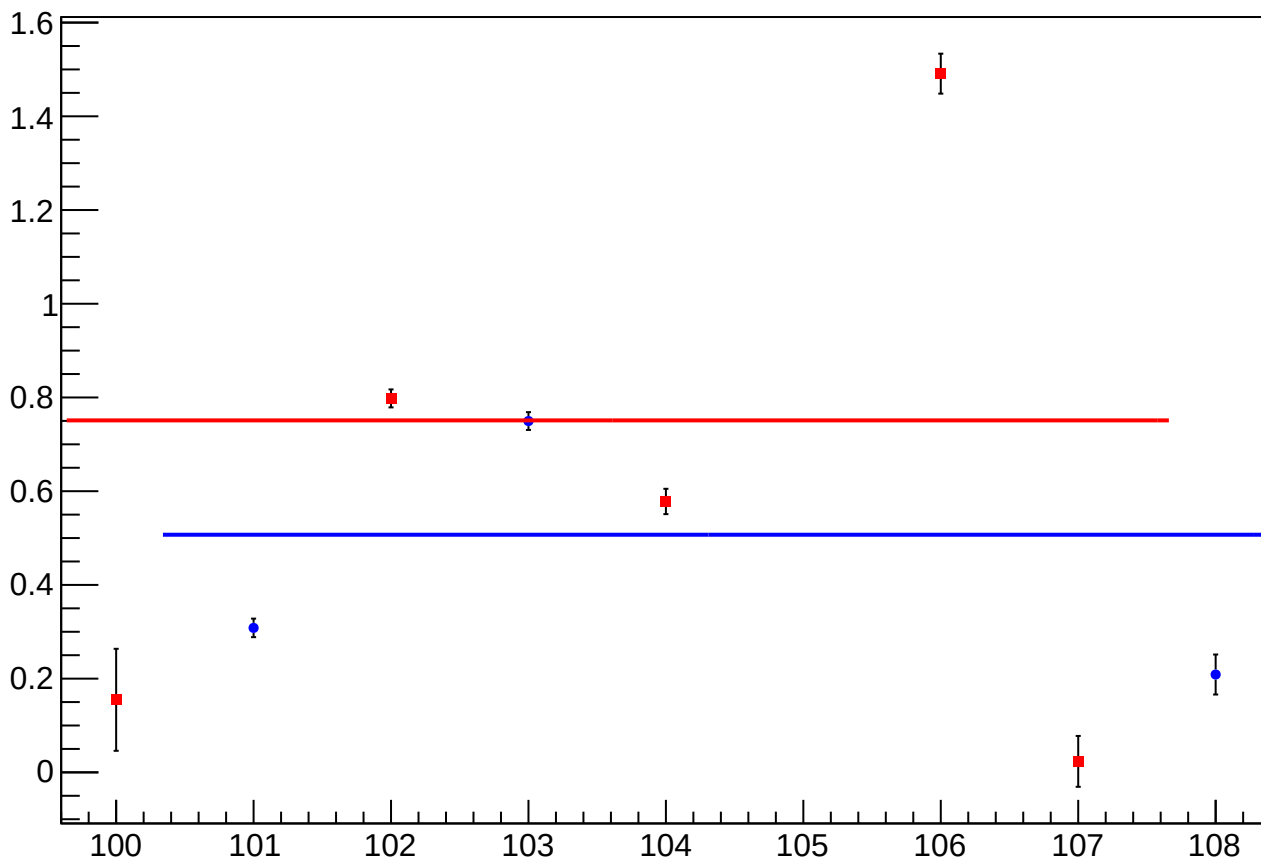
Right: -14.944 $\pm$ 0.276 χ^2 /NDF: 420.8/7

In: -16.304 $\pm$ 0.362 χ^2 /NDF: 222.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.944 $\pm$ 0.276 χ^2 /NDF: 420.8/7

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.507+/-0.013 χ^2/NDF : 313.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.751+/-0.014 χ^2/NDF : 558.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

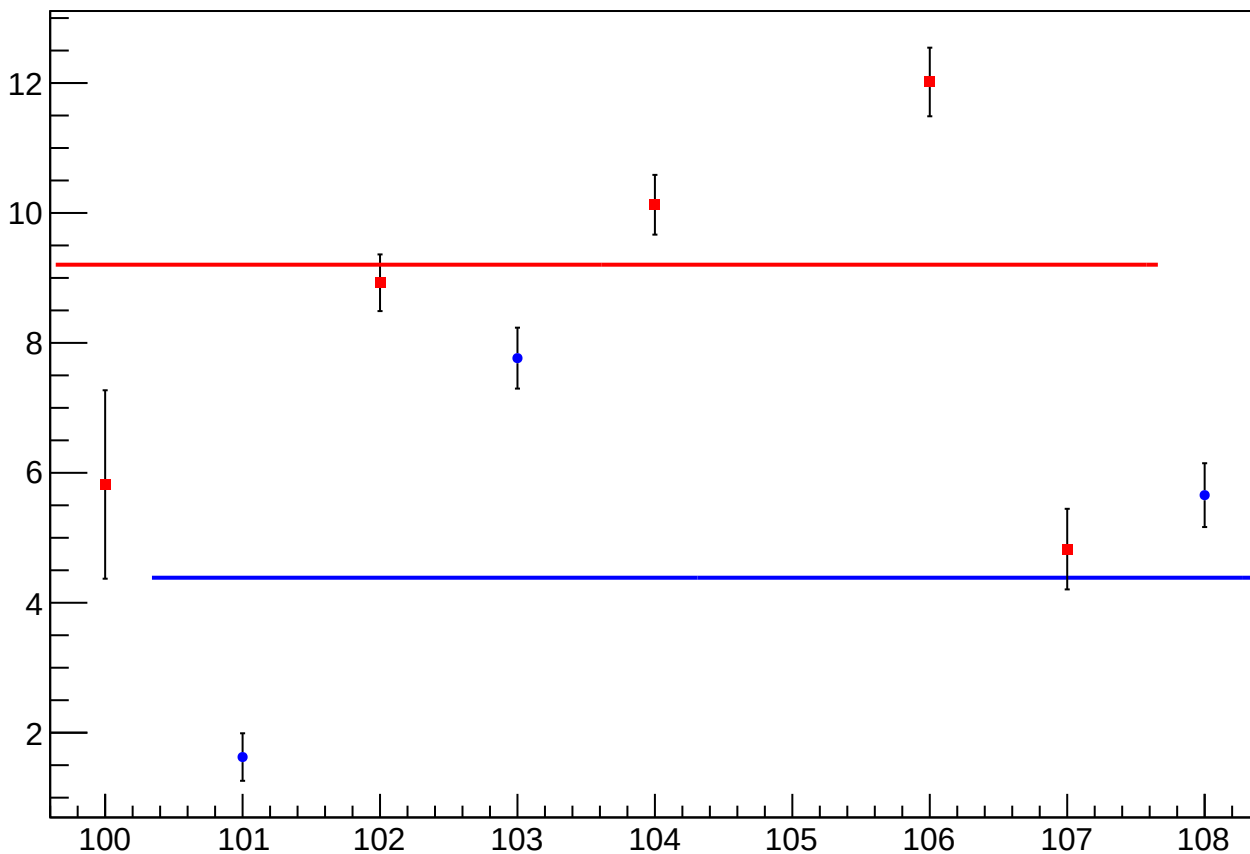
Right: 0.620+/-0.010 χ^2/NDF : 1033.0/7

In: 0.507+/-0.013 χ^2/NDF : 313.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.620+/-0.010 χ^2/NDF : 1033.0/7

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 4.385+/-0.249 χ^2/NDF : 115.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.204+/-0.245 χ^2/NDF : 88.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

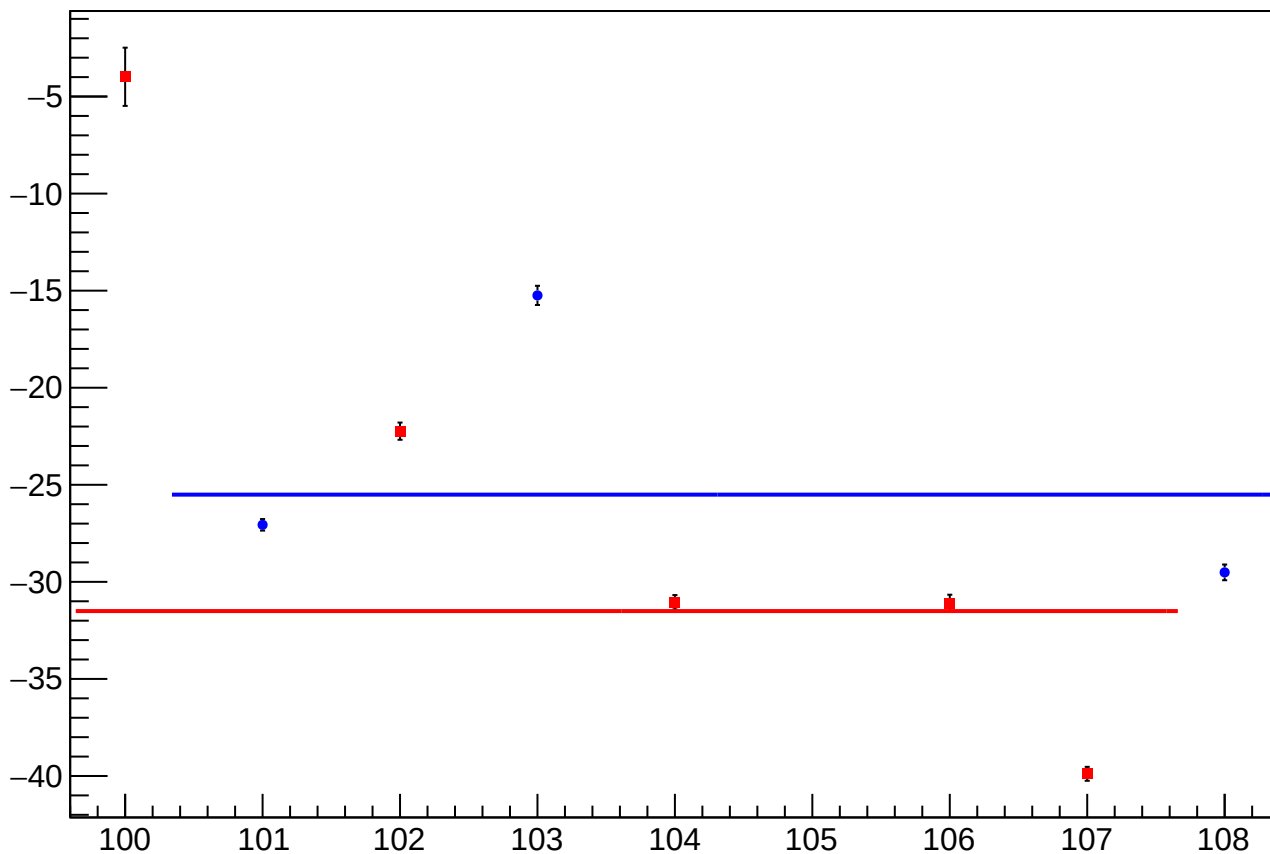
Right: 6.829+/-0.175 χ^2/NDF : 394.1/7

In: 4.385+/-0.249 χ^2/NDF : 115.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.829+/-0.175 χ^2/NDF : 394.1/7

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -25.507 $\pm$ 0.216 χ^2 /NDF: 555.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -31.505 $\pm$ 0.197 χ^2 /NDF: 1320.7/4

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

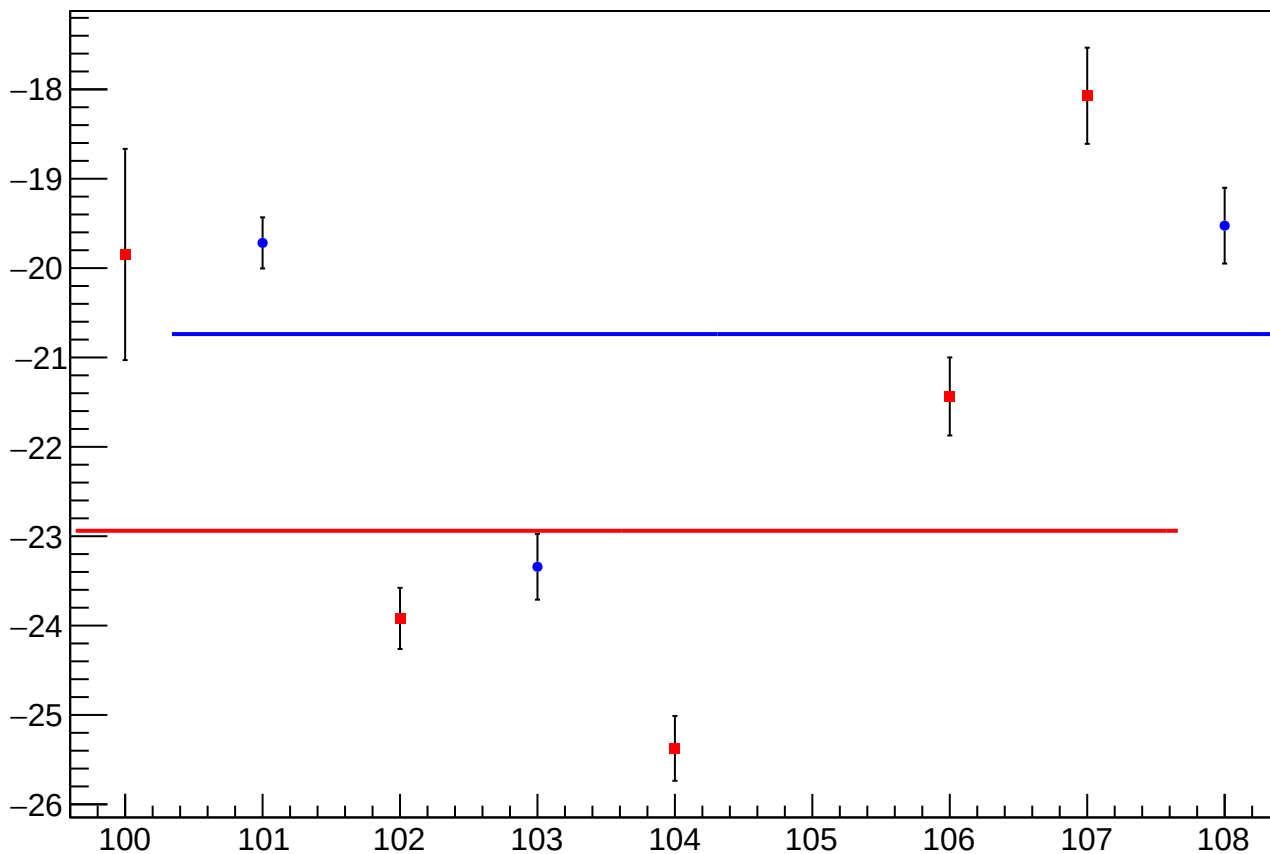
Right: -28.781 $\pm$ 0.145 χ^2 /NDF: 2298.0/7

In: -25.507 $\pm$ 0.216 χ^2 /NDF:555.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -28.781 $\pm$ 0.145 χ^2 /NDF: 2298.0/7

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -20.738 $\pm$ 0.199 χ^2 /NDF: 71.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -22.939 $\pm$ 0.198 χ^2 /NDF: 153.8/4

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

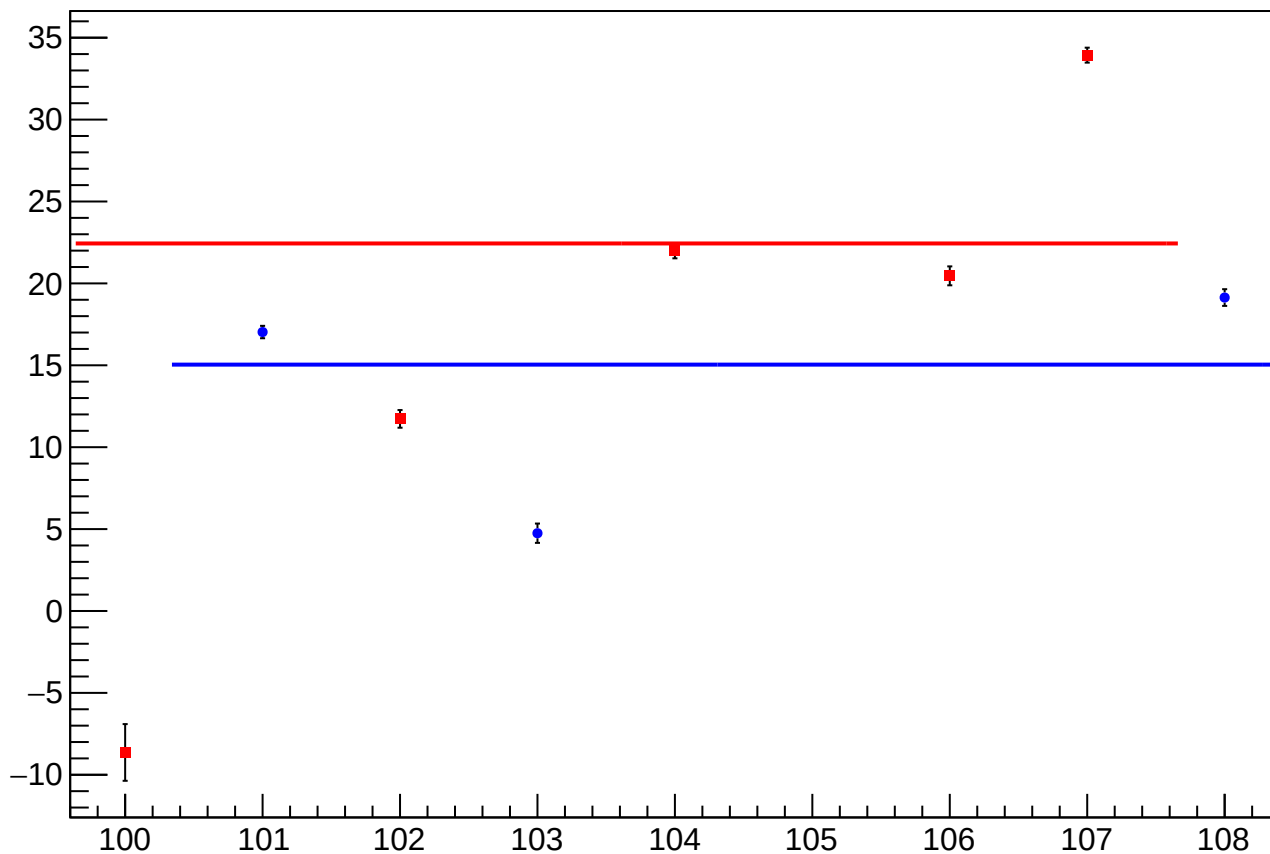
Right: -21.848 $\pm$ 0.140 χ^2 /NDF: 286.2/7

In: -20.738 $\pm$ 0.199 χ^2 /NDF: 71.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -21.848 $\pm$ 0.140 χ^2 /NDF: 286.2/7

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.041+/-0.270 χ^2/NDF : 396.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.438+/-0.249 χ^2/NDF : 1363.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

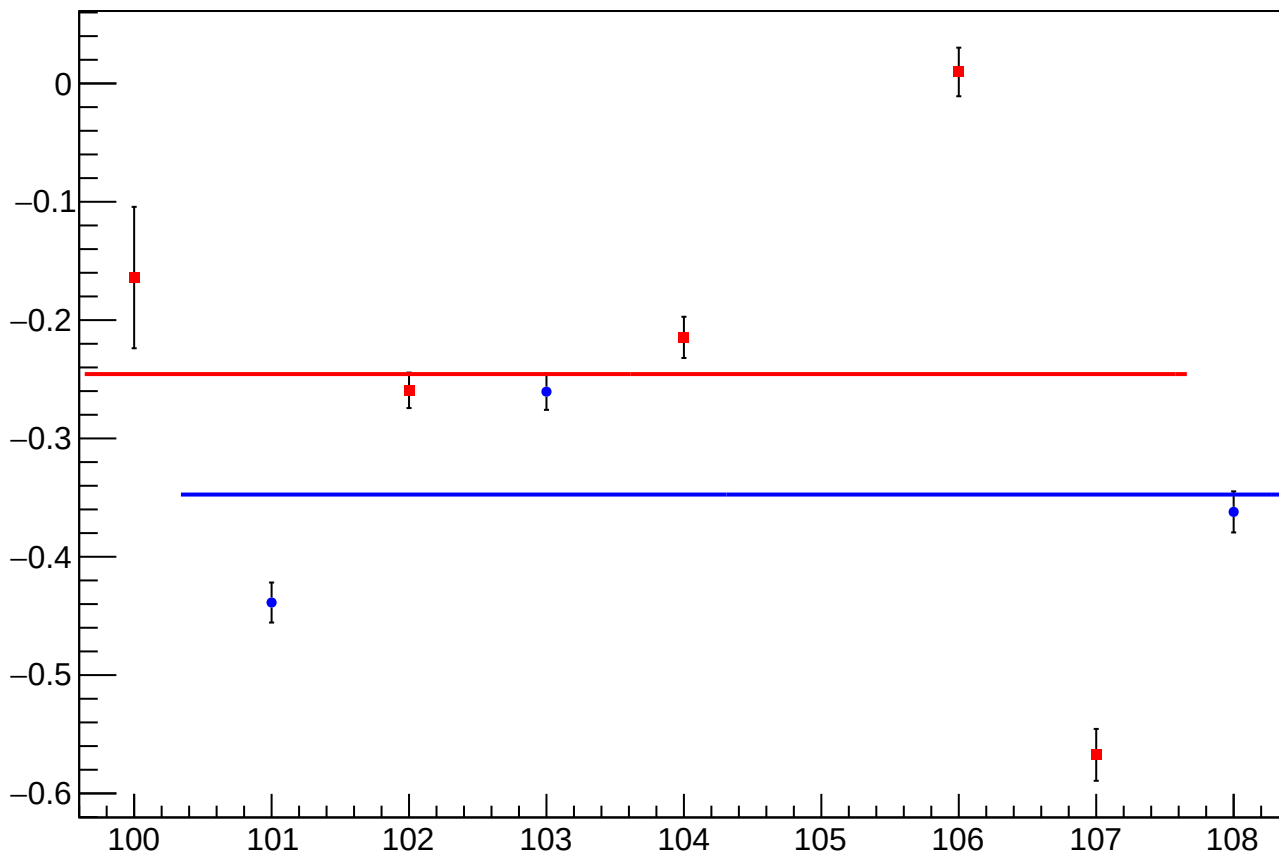
Right: 19.050+/-0.183 χ^2/NDF : 2165.6/7

In: 15.041+/-0.270 χ^2/NDF : 396.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.050+/-0.183 χ^2/NDF : 2165.6/7

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.347+/-0.010 χ^2/NDF : 61.8/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.246+/-0.009 χ^2/NDF : 376.1/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

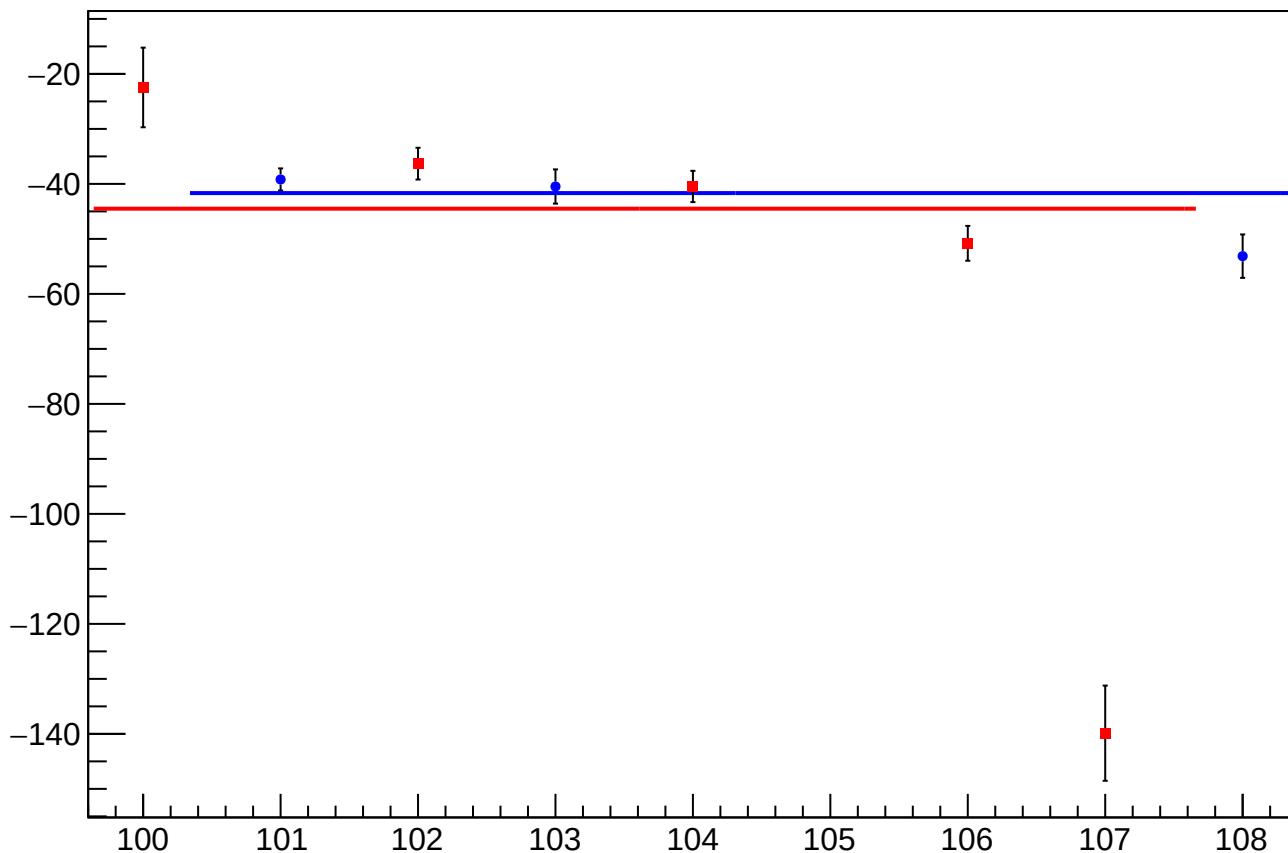
Right: -0.293+/-0.007 χ^2/NDF : 498.6/7

In: -0.347+/-0.010 χ^2/NDF :61.8/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.293+/-0.007 χ^2/NDF : 498.6/7

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -41.669 $\pm$ 1.552 χ^2 /NDF: 10.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -44.503 $\pm$ 1.632 χ^2 /NDF: 144.7/4

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

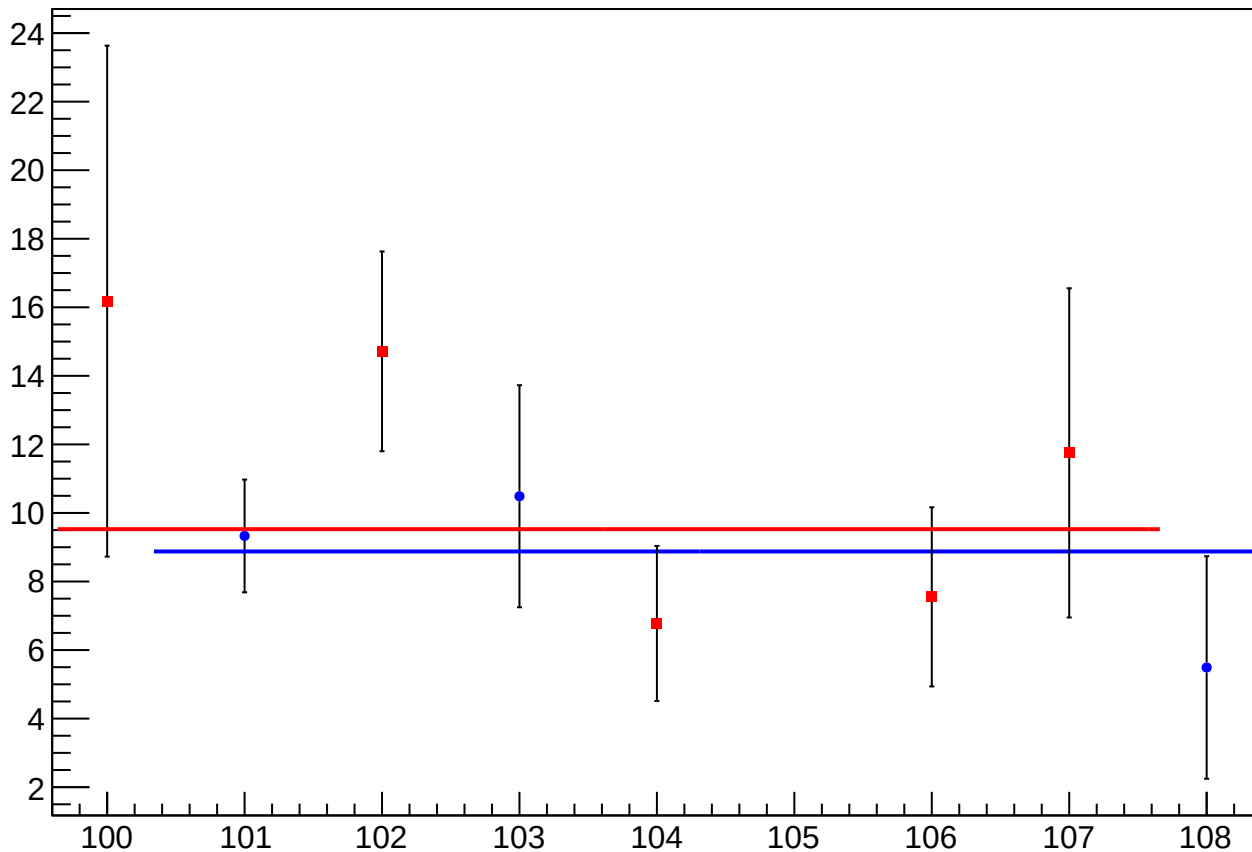
Right: -43.015 $\pm$ 1.125 χ^2 /NDF: 156.4/7

In: -41.669 $\pm$ 1.552 χ^2 /NDF: 10.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -43.015 $\pm$ 1.125 χ^2 /NDF: 156.4/7

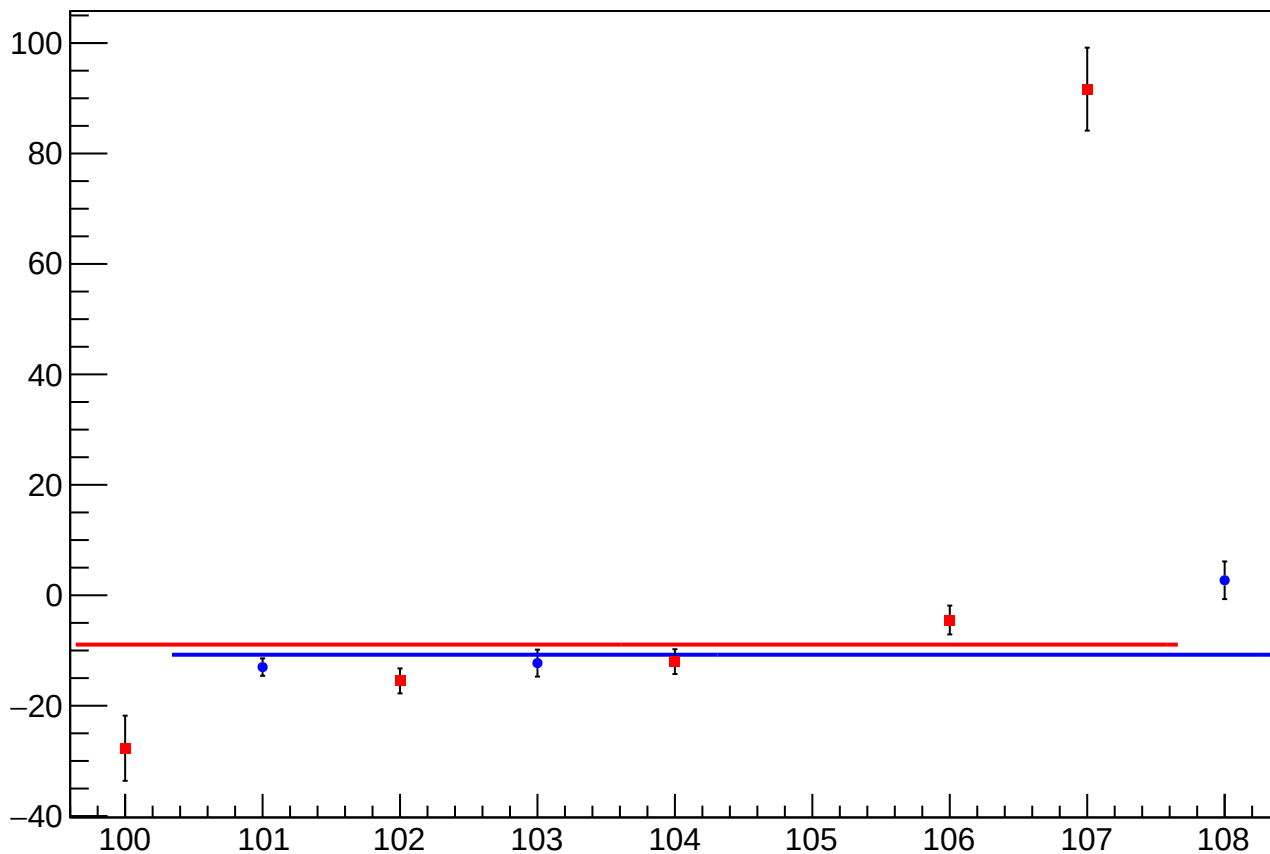
reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.876+/-1.336 χ^2/NDF : 1.4/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 9.526+/-1.385 χ^2/NDF : 6.2/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 9.190+/-0.962 χ^2/NDF : 7.8/7
 In: 8.876+/-1.336 χ^2/NDF : 1.4/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 9.190+/-0.962 χ^2/NDF : 7.8/7

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -10.765 ± 1.233 $\chi^2/\text{NDF}: 18.1/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -8.934 ± 1.305 $\chi^2/\text{NDF}: 202.7/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

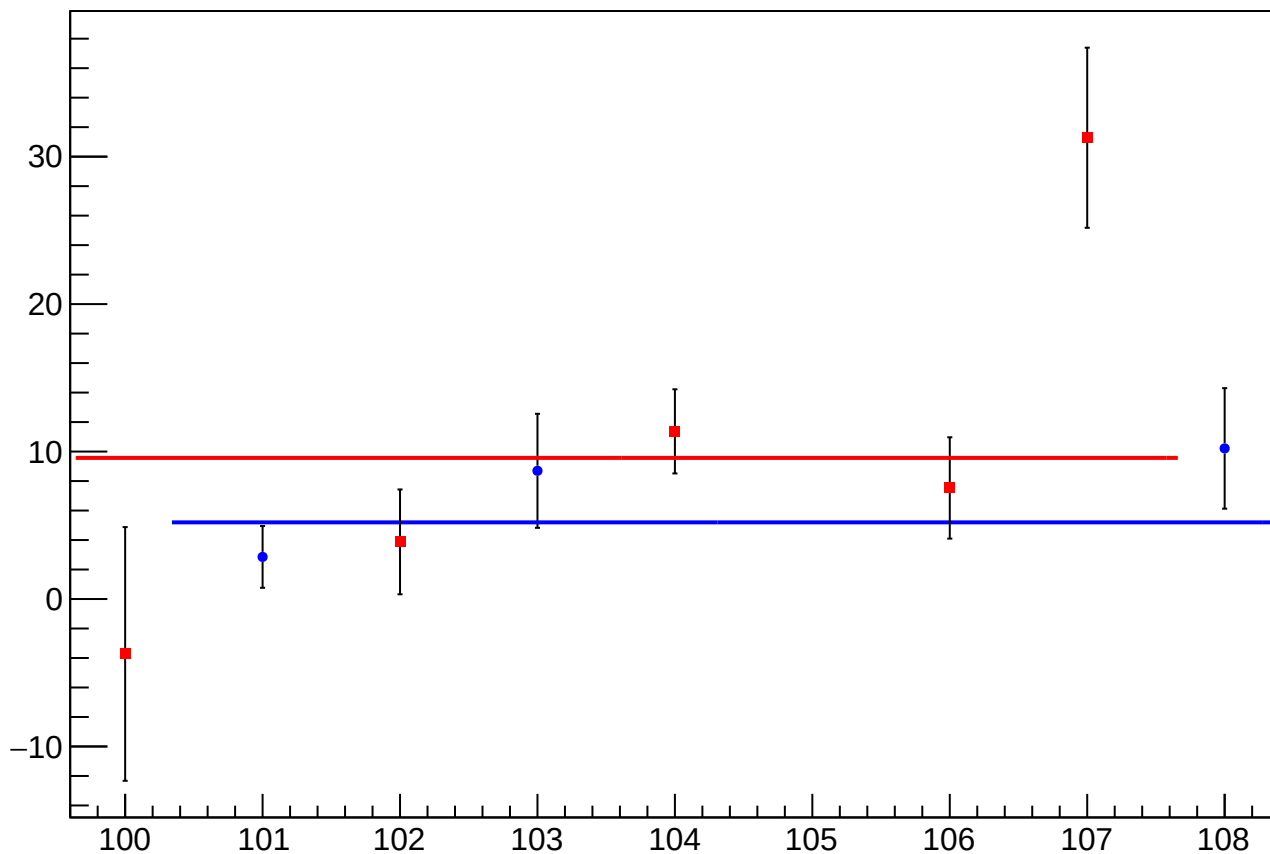
Right: -9.901 ± 0.896 $\chi^2/\text{NDF}: 221.8/7$

In: -10.765 ± 1.233 $\chi^2/\text{NDF}: 18.1/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -9.901 ± 0.896 $\chi^2/\text{NDF}: 221.8/7$

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.198+/-1.679 χ^2/NDF : 3.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.570+/-1.749 χ^2/NDF : 18.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

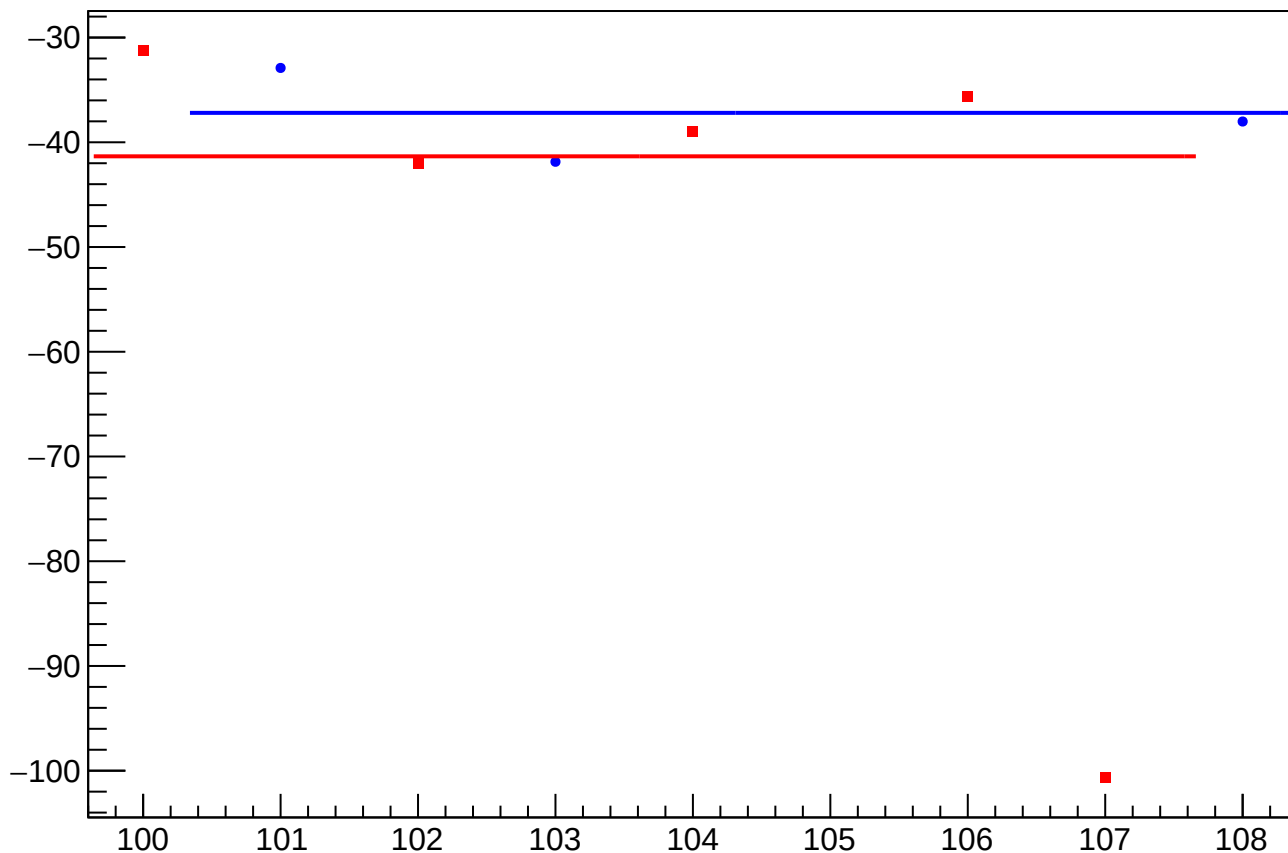
Right: 7.295+/-1.211 χ^2/NDF : 25.2/7

In: 5.198+/-1.679 χ^2/NDF : 3.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.295+/-1.211 χ^2/NDF : 25.2/7

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -37.191+/-0.062 χ^2/NDF : 4212.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -41.341+/-0.060 χ^2/NDF : 41652.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

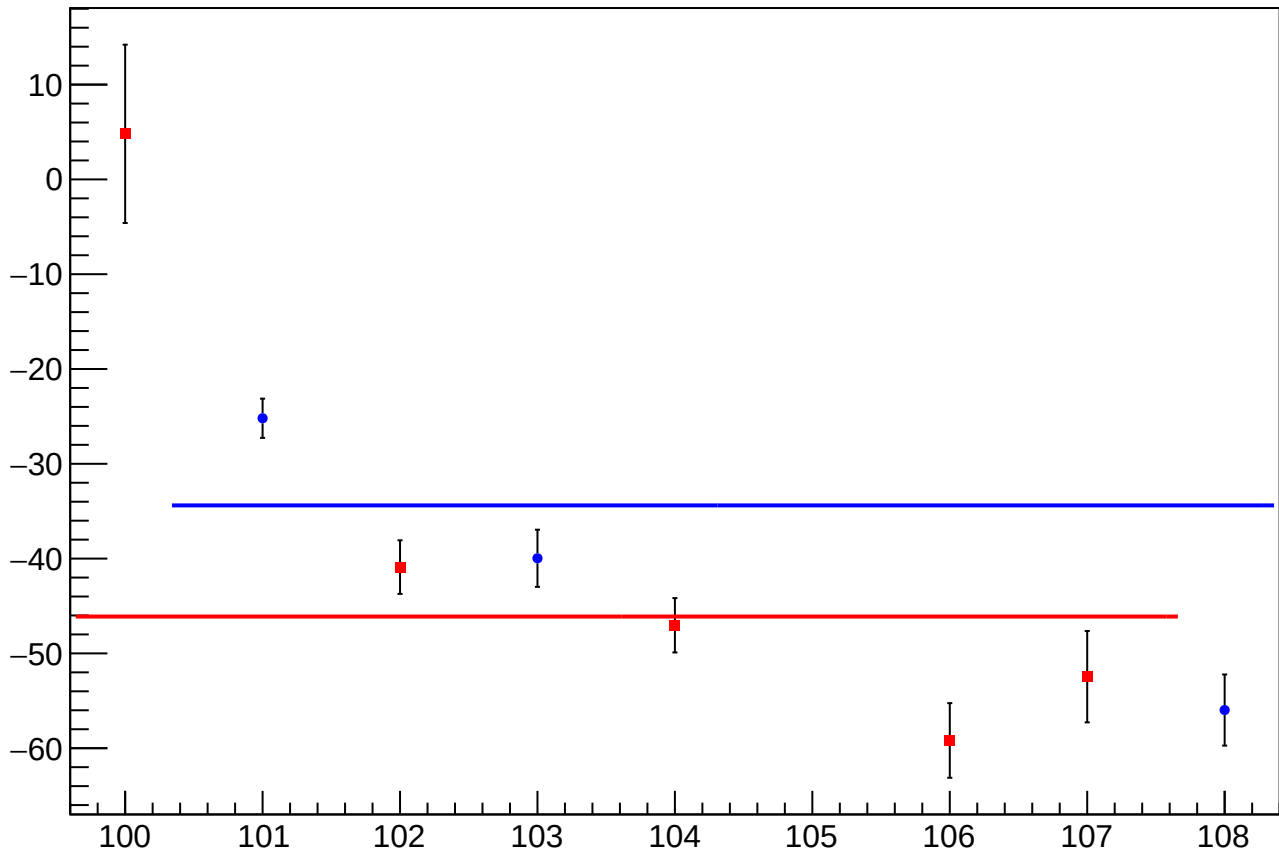
Right: -39.329+/-0.043 χ^2/NDF : 48176.2/7

In: -37.191+/-0.062 χ^2/NDF : 4212.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.329+/-0.043 χ^2/NDF : 48176.2/7

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -34.389 $\pm$ 1.553 χ^2 /NDF: 56.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -46.112 $\pm$ 1.654 χ^2 /NDF: 45.6/4

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

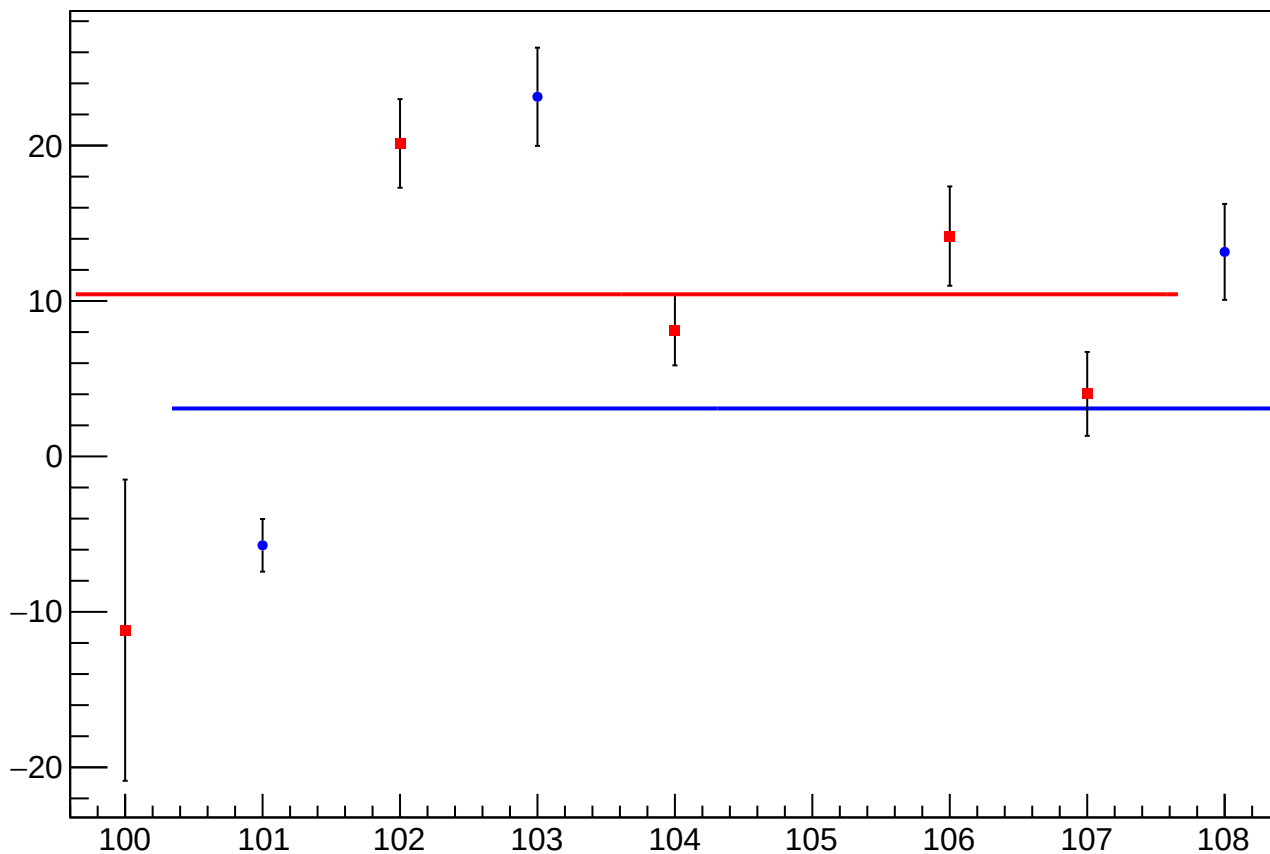
Right: -39.882 $\pm$ 1.132 χ^2 /NDF: 128.5/7

In: -34.389 $\pm$ 1.553 χ^2 /NDF: 56.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -39.882 $\pm$ 1.132 χ^2 /NDF: 128.5/7

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.085+/-1.344 χ^2/NDF : 77.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.431+/-1.332 χ^2/NDF : 24.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

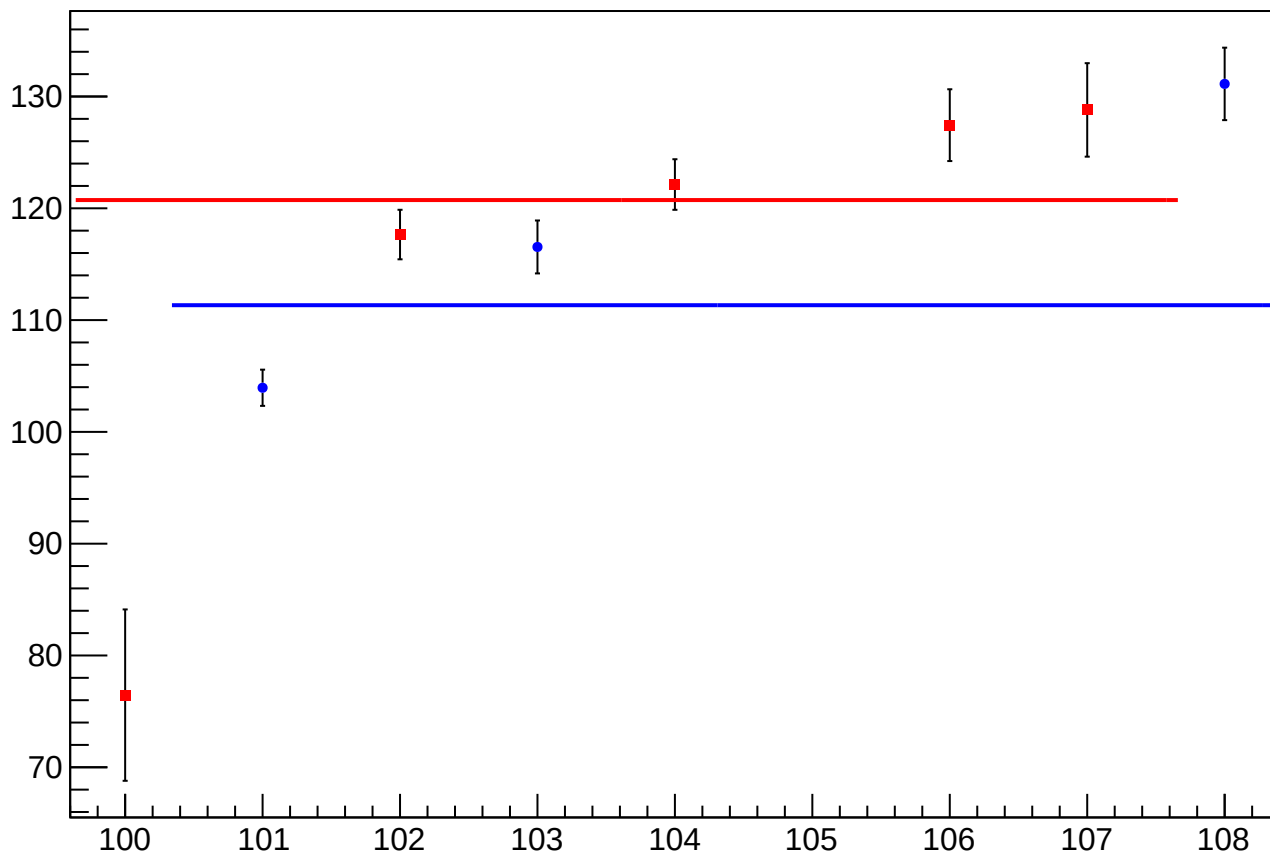
Right: 6.792+/-0.946 χ^2/NDF : 117.6/7

In: 3.085+/-1.344 χ^2/NDF : 77.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.792+/-0.946 χ^2/NDF : 117.6/7

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 111.332 $\pm$ 1.236 χ^2 /NDF: 63.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 120.737 $\pm$ 1.324 χ^2 /NDF: 43.8/4

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

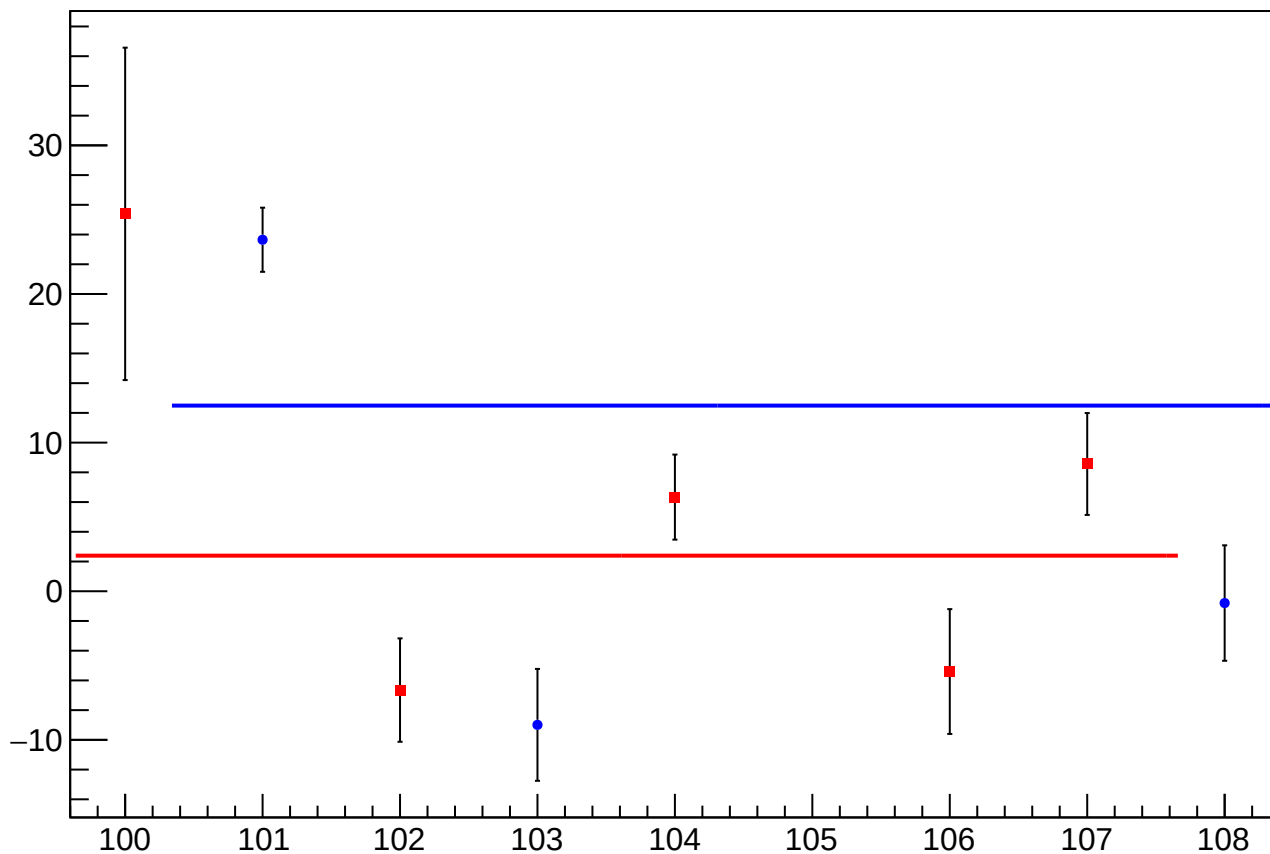
Right: 115.711 $\pm$ 0.903 χ^2 /NDF: 133.7/7

In: 111.332 $\pm$ 1.236 χ^2 /NDF:63.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 115.711 $\pm$ 0.903 χ^2 /NDF: 133.7/7

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 12.491+/-1.686 χ^2/NDF : 71.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.395+/-1.679 χ^2/NDF : 19.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

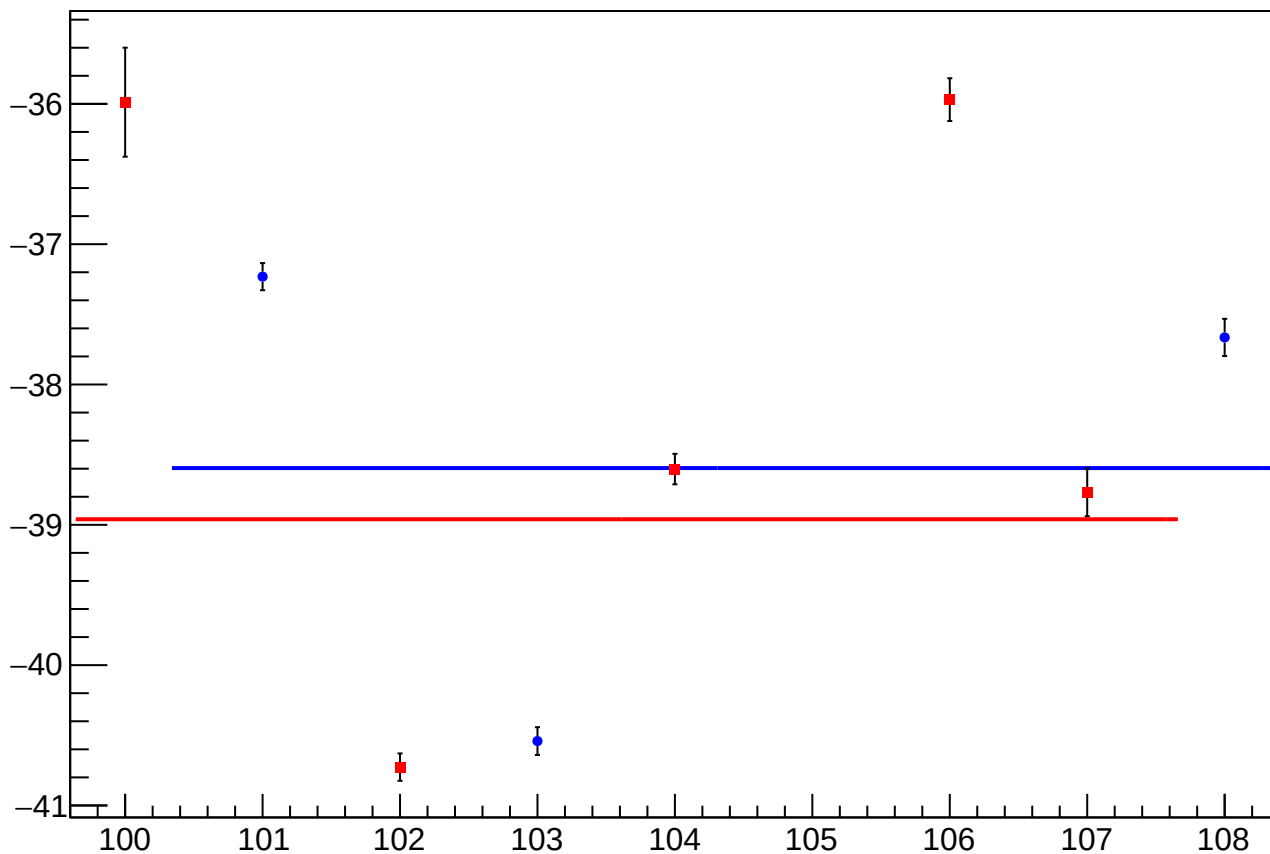
Right: 7.422+/-1.190 χ^2/NDF : 108.6/7

In: 12.491+/-1.686 χ^2/NDF : 71.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.422+/-1.190 χ^2/NDF : 108.6/7

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.596 $\pm$ 0.061 χ^2 /NDF: 636.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -38.960 $\pm$ 0.060 χ^2 /NDF: 783.6/4

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

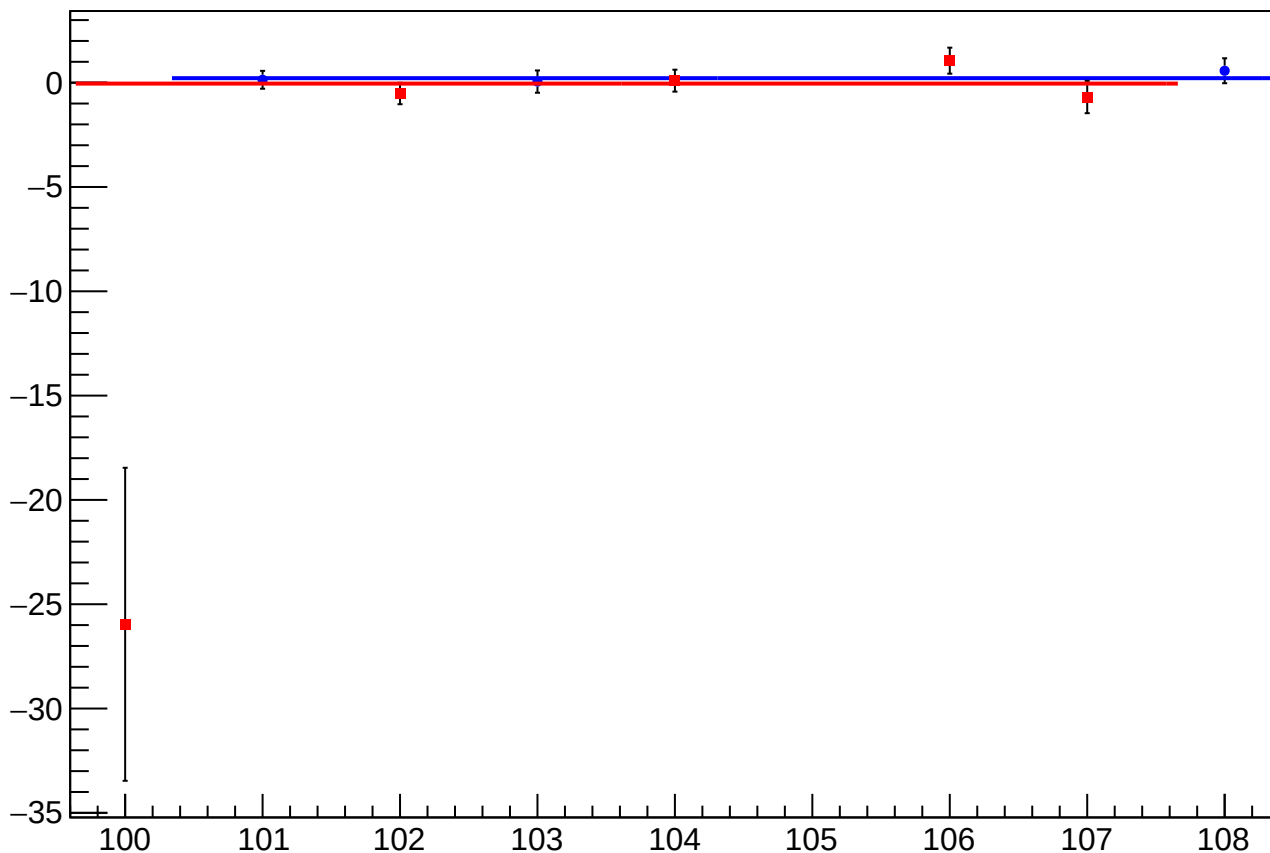
Right: -38.781 $\pm$ 0.043 χ^2 /NDF: 1437.7/7

In: -38.596 $\pm$ 0.061 χ^2 /NDF: 636.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -38.781 $\pm$ 0.043 χ^2 /NDF: 1437.7/7

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.216+/-0.292 χ^2/NDF : 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.044+/-0.293 χ^2/NDF : 16.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

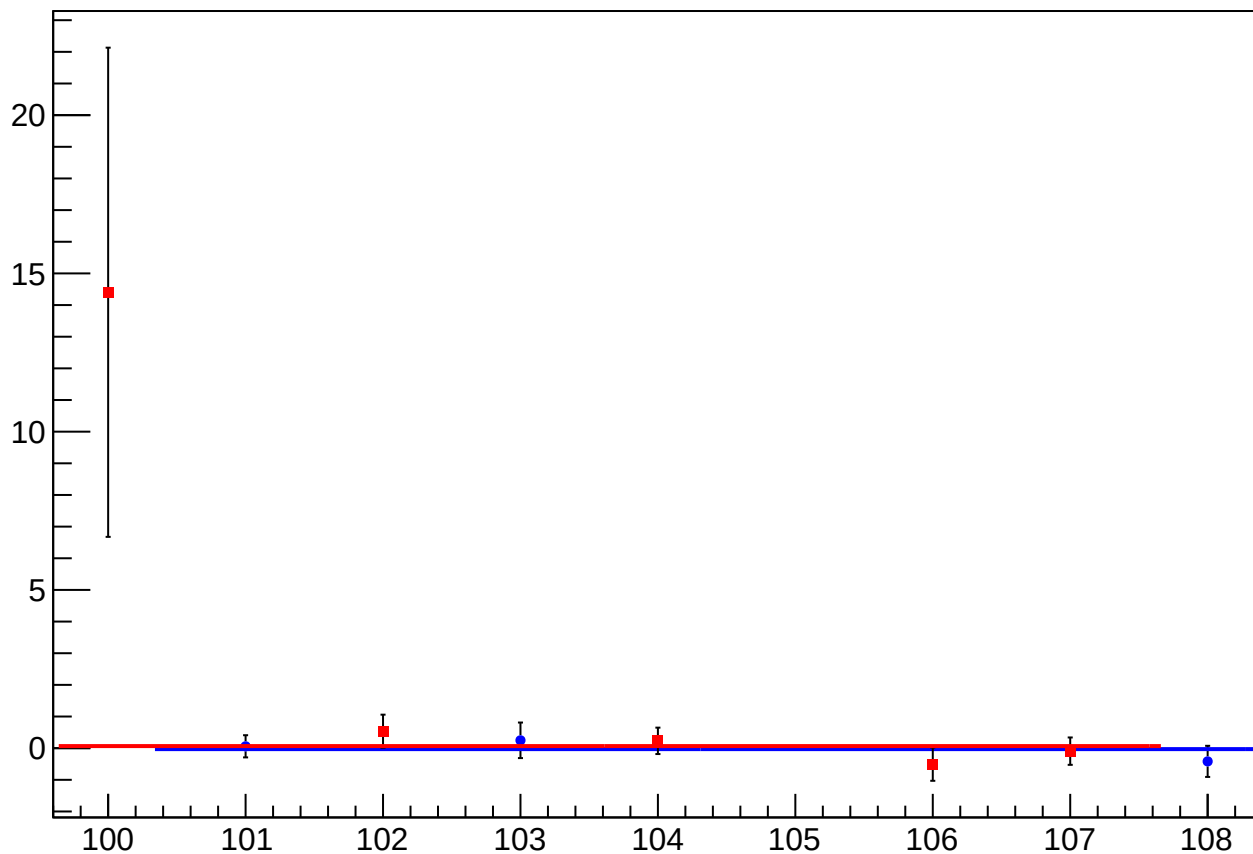
Right: 0.086+/-0.207 χ^2/NDF : 17.5/7

In: 0.216+/-0.292 χ^2/NDF : 0.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.086+/-0.207 χ^2/NDF : 17.5/7

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.030 $\pm$ 0.254 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.066 $\pm$ 0.233 χ^2 /NDF: 5.7/4

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

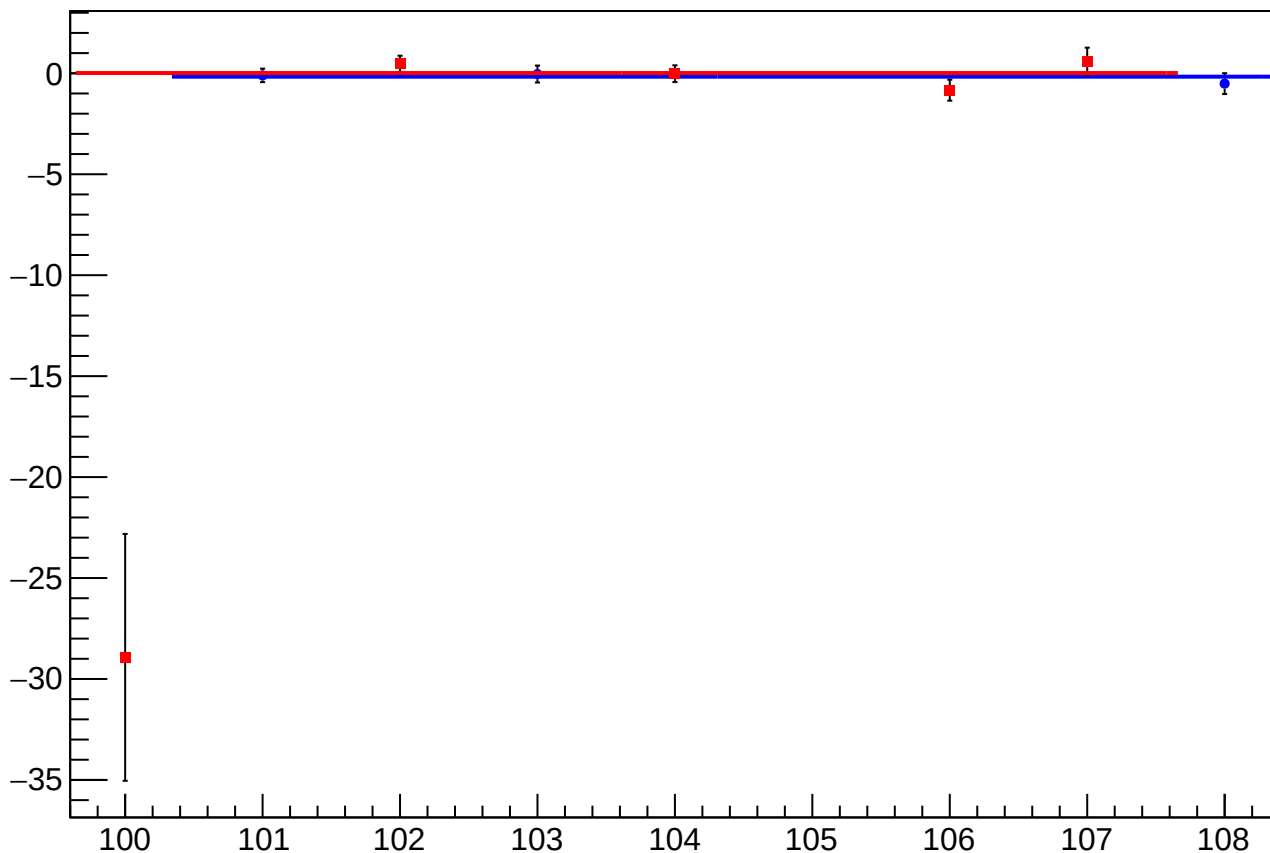
Right: 0.022 $\pm$ 0.172 χ^2 /NDF: 6.7/7

In: -0.030 $\pm$ 0.254 χ^2 /NDF: 0.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.022 $\pm$ 0.172 χ^2 /NDF: 6.7/7

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.167 ± 0.234 χ^2/NDF : 0.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.013 ± 0.236 χ^2/NDF : 27.1/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

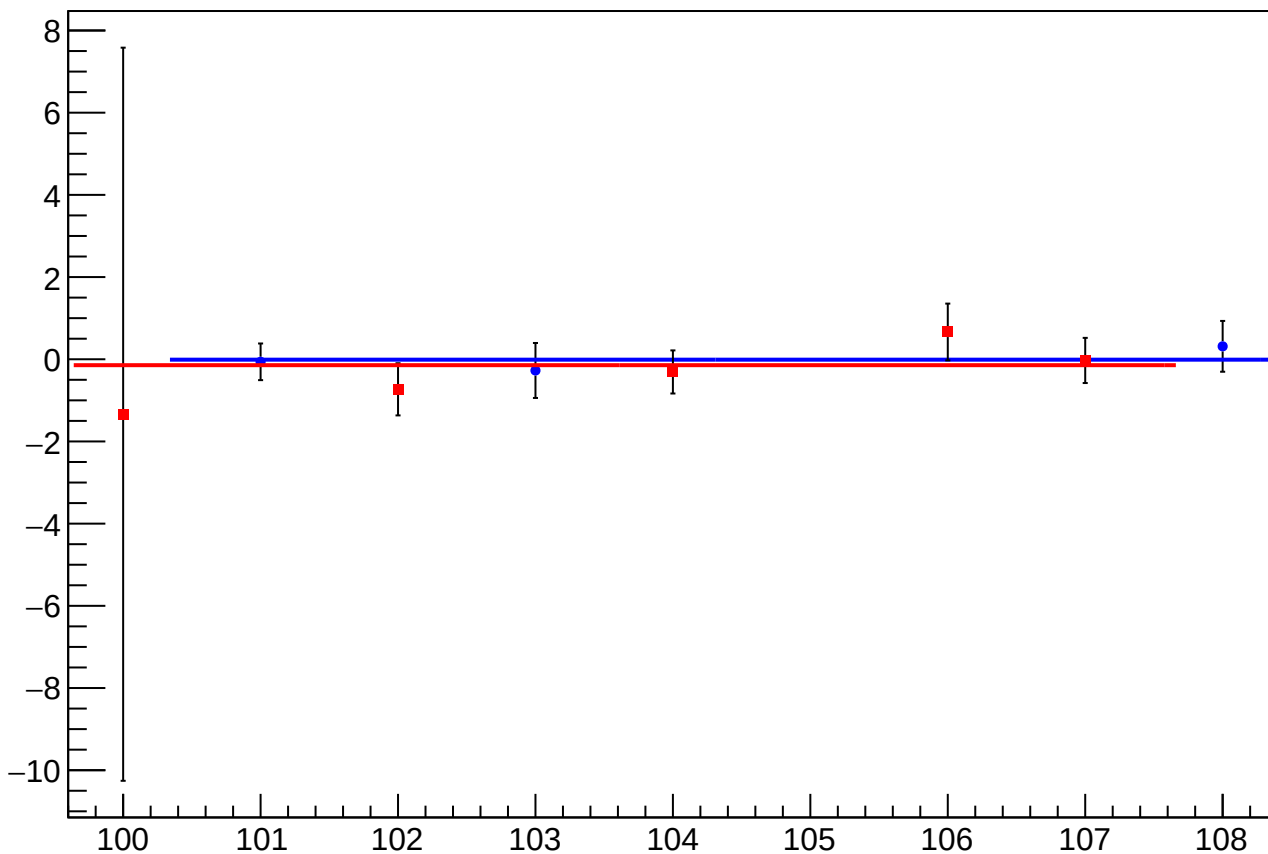
Right: -0.078 ± 0.166 χ^2/NDF : 28.0/7

In: -0.167 ± 0.234 χ^2/NDF : 0.6/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.078 ± 0.166 χ^2/NDF : 28.0/7

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.318 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.144 $\pm$ 0.294 χ^2 /NDF: 2.4/4

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

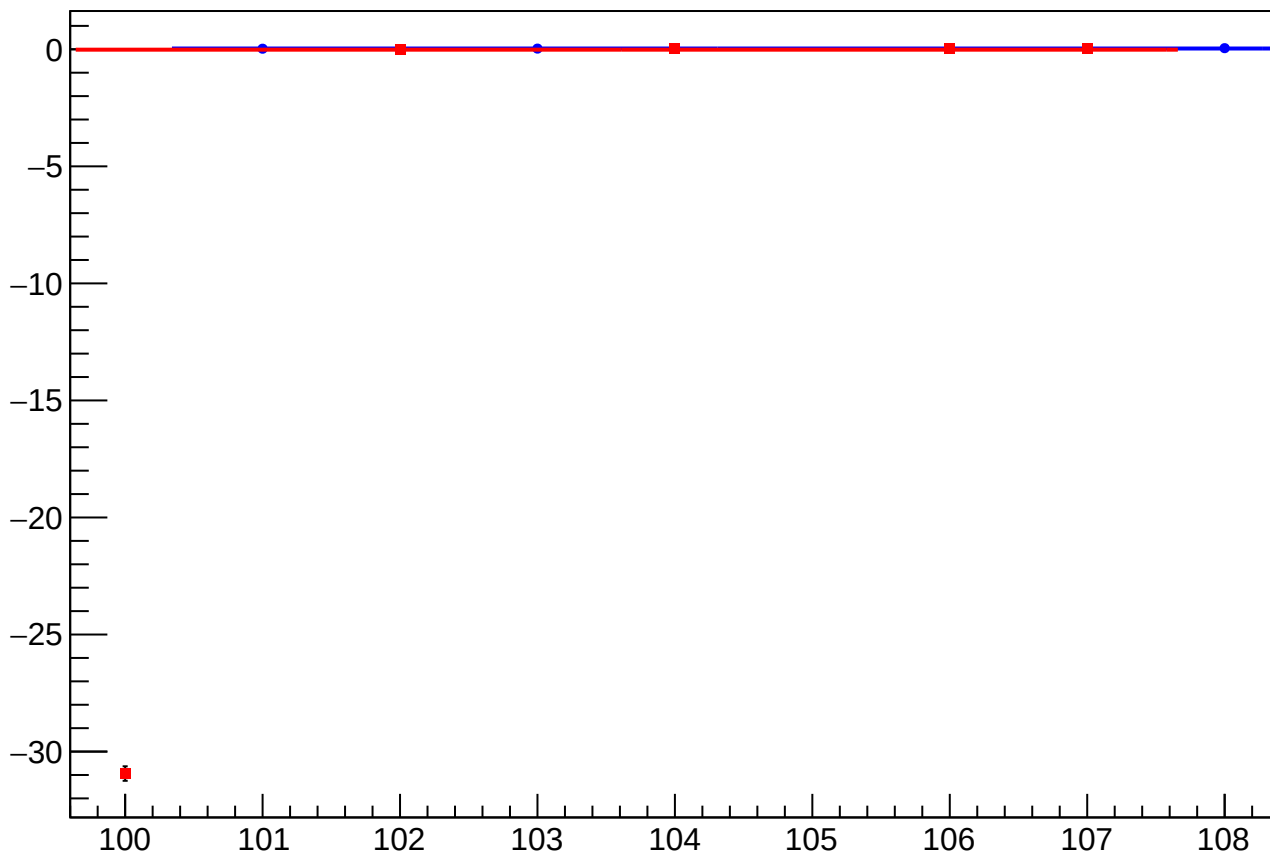
Right: -0.082 $\pm$ 0.216 χ^2 /NDF: 2.9/7

In: -0.010 $\pm$ 0.318 χ^2 /NDF:0.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.082 $\pm$ 0.216 χ^2 /NDF: 2.9/7

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.033+/-0.011 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.011 χ^2/NDF : 9978.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

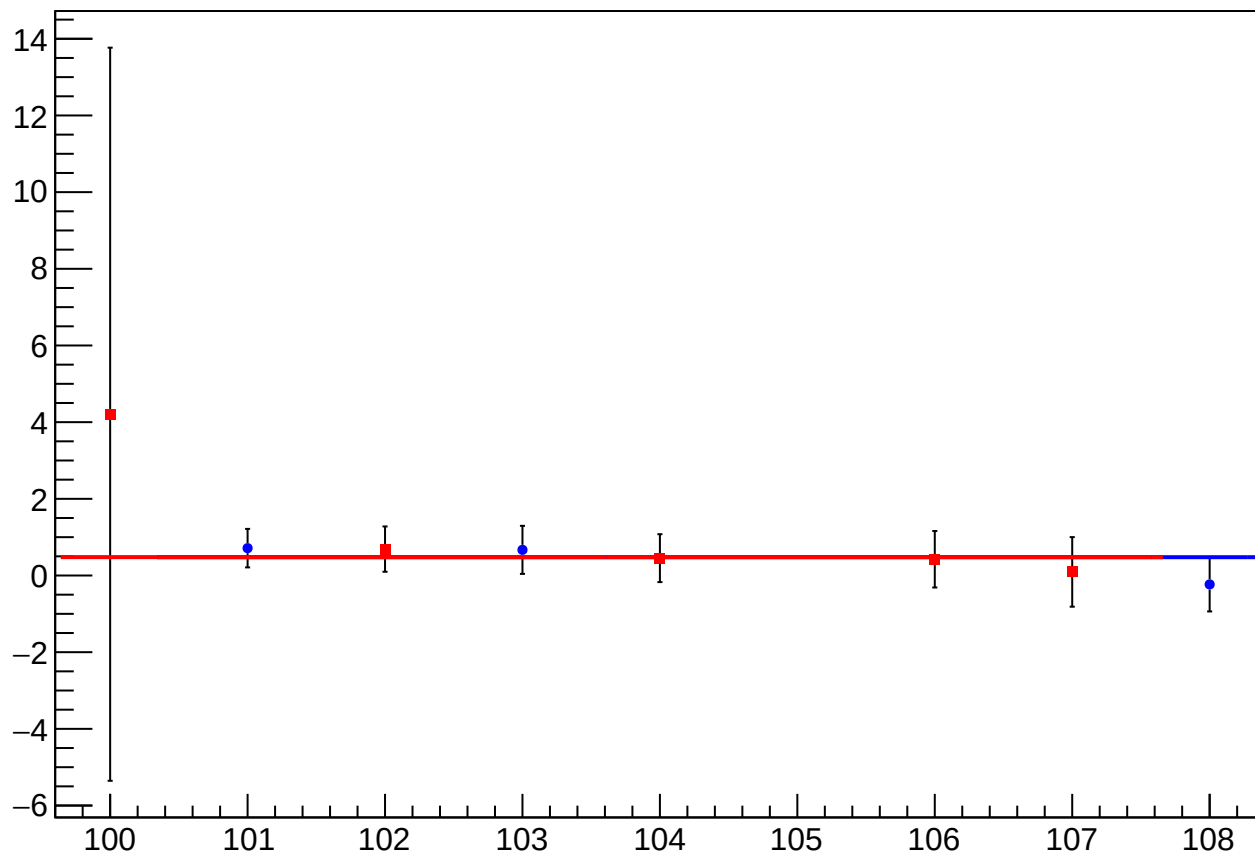
Right: 0.007+/-0.008 χ^2/NDF : 9989.5/7

In: 0.033+/-0.011 χ^2/NDF : 0.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.008 χ^2/NDF : 9989.5/7

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.478+/-0.343 χ^2/NDF : 1.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.480+/-0.343 χ^2/NDF : 0.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

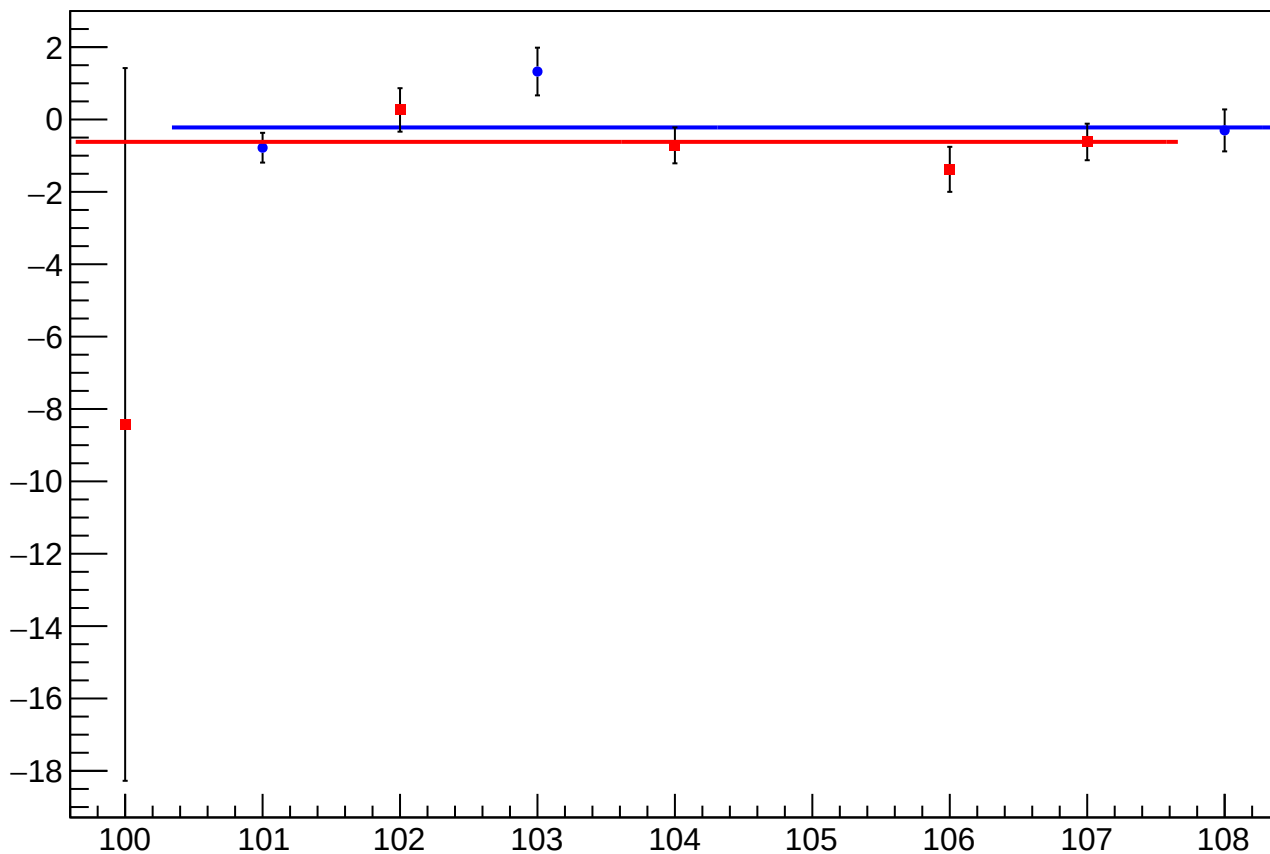
Right: 0.479+/-0.242 χ^2/NDF : 1.8/7

In: 0.478+/-0.343 χ^2/NDF : 1.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.479+/-0.242 χ^2/NDF : 1.8/7

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.220 ± 0.299 $\chi^2/\text{NDF}: 7.4/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.618 ± 0.274 $\chi^2/\text{NDF}: 4.3/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

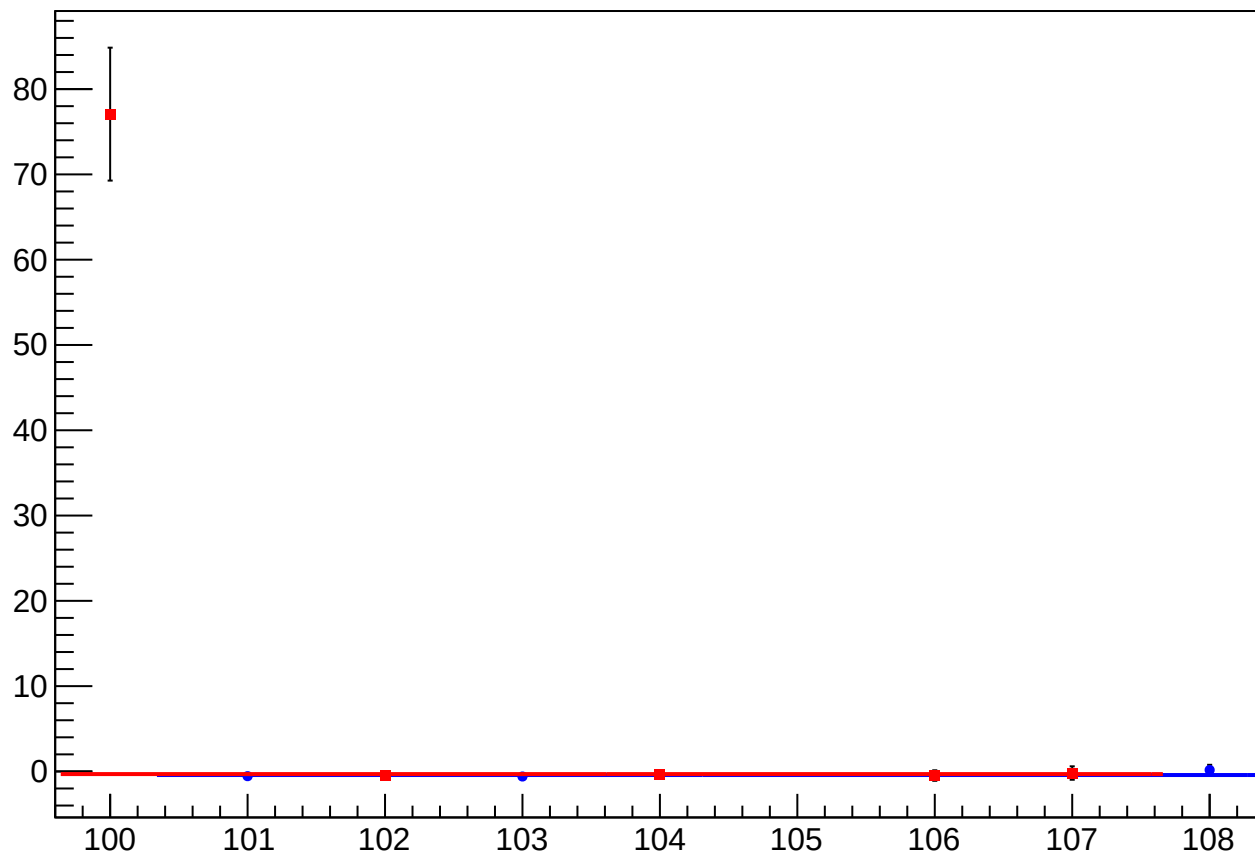
Right: -0.436 ± 0.202 $\chi^2/\text{NDF}: 12.6/7$

In: -0.220 ± 0.299 $\chi^2/\text{NDF}: 7.4/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.436 ± 0.202 $\chi^2/\text{NDF}: 12.6/7$

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.422 ± 0.274 $\chi^2/\text{NDF}: 1.2/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.311 ± 0.277 $\chi^2/\text{NDF}: 98.9/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

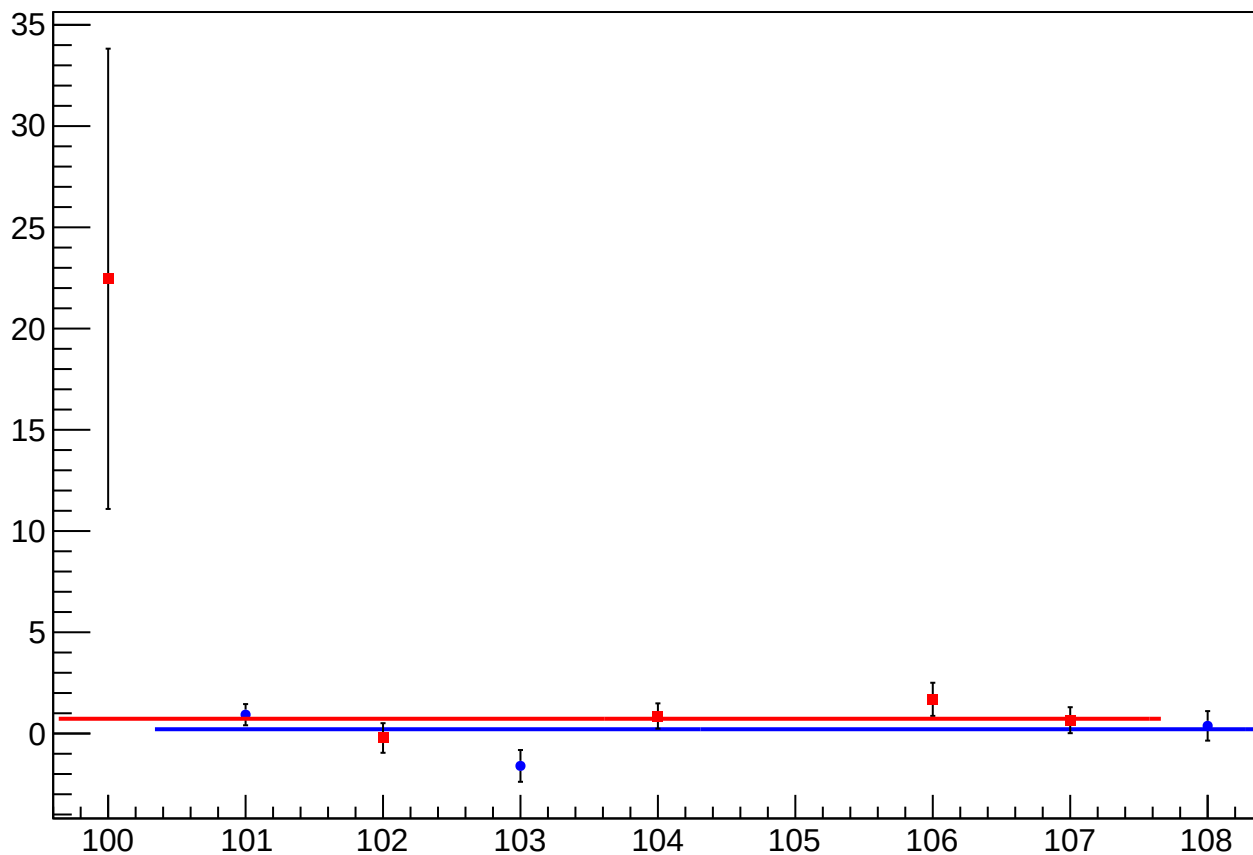
Right: -0.367 ± 0.195 $\chi^2/\text{NDF}: 100.2/7$

In: -0.422 ± 0.274 $\chi^2/\text{NDF}: 1.2/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.367 ± 0.195 $\chi^2/\text{NDF}: 100.2/7$

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.211+/-0.374 χ^2/NDF : 7.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.729+/-0.346 χ^2/NDF : 6.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

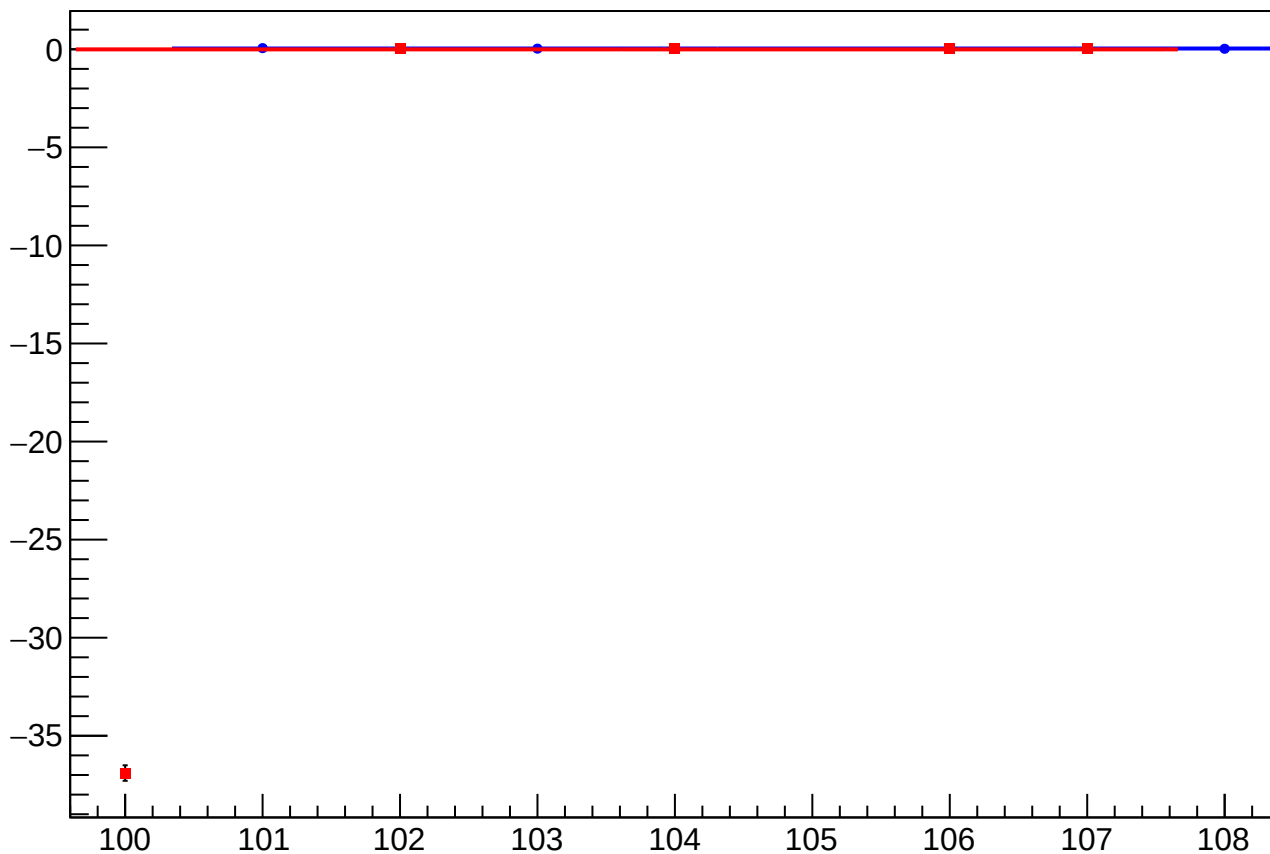
Right: 0.490+/-0.254 χ^2/NDF : 15.1/7

In: 0.211+/-0.374 χ^2/NDF : 7.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.490+/-0.254 χ^2/NDF : 15.1/7

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.039 $\pm$ 0.013 χ^2 /NDF: 1.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.005 $\pm$ 0.012 χ^2 /NDF: 8740.8/4

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

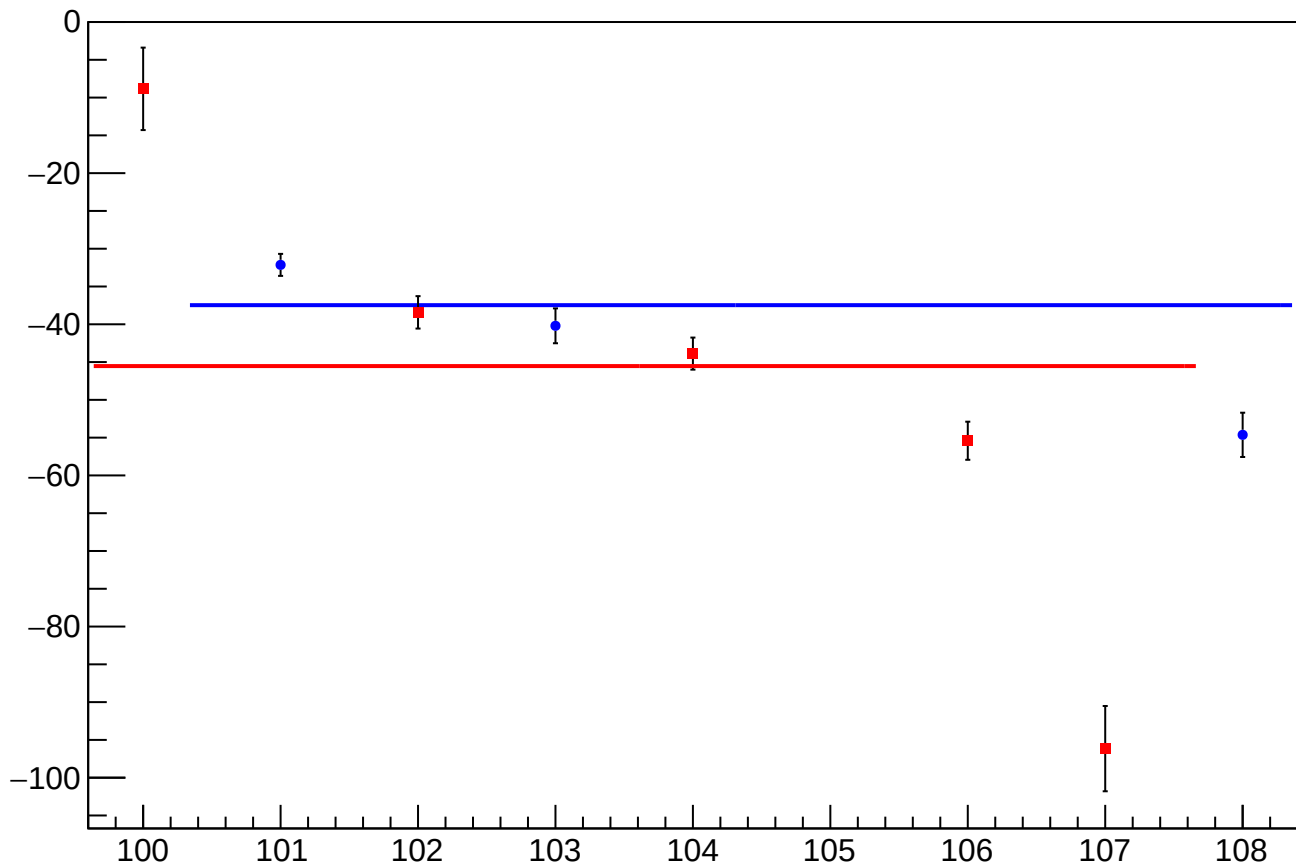
Right: 0.016 $\pm$ 0.009 χ^2 /NDF: 8747.8/7

In: 0.039 $\pm$ 0.013 χ^2 /NDF:1.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.016 $\pm$ 0.009 χ^2 /NDF: 8747.8/7

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -37.469+/-1.135 χ^2/NDF : 49.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -45.531+/-1.229 χ^2/NDF : 152.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

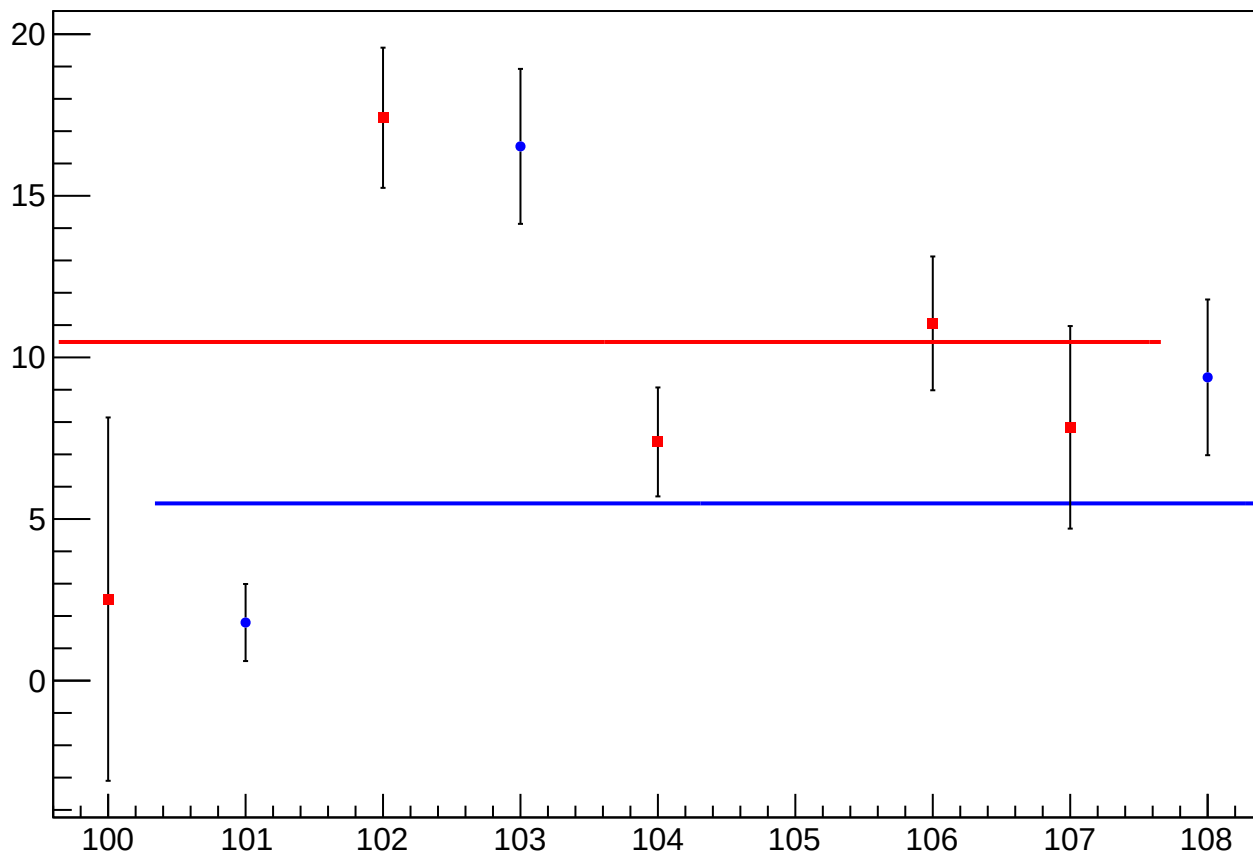
Right: -41.181+/-0.834 χ^2/NDF : 225.0/7

In: -37.469+/-1.135 χ^2/NDF : 49.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.181+/-0.834 χ^2/NDF : 225.0/7

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.483+/-0.976 χ^2/NDF : 33.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.477+/-1.036 χ^2/NDF : 16.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

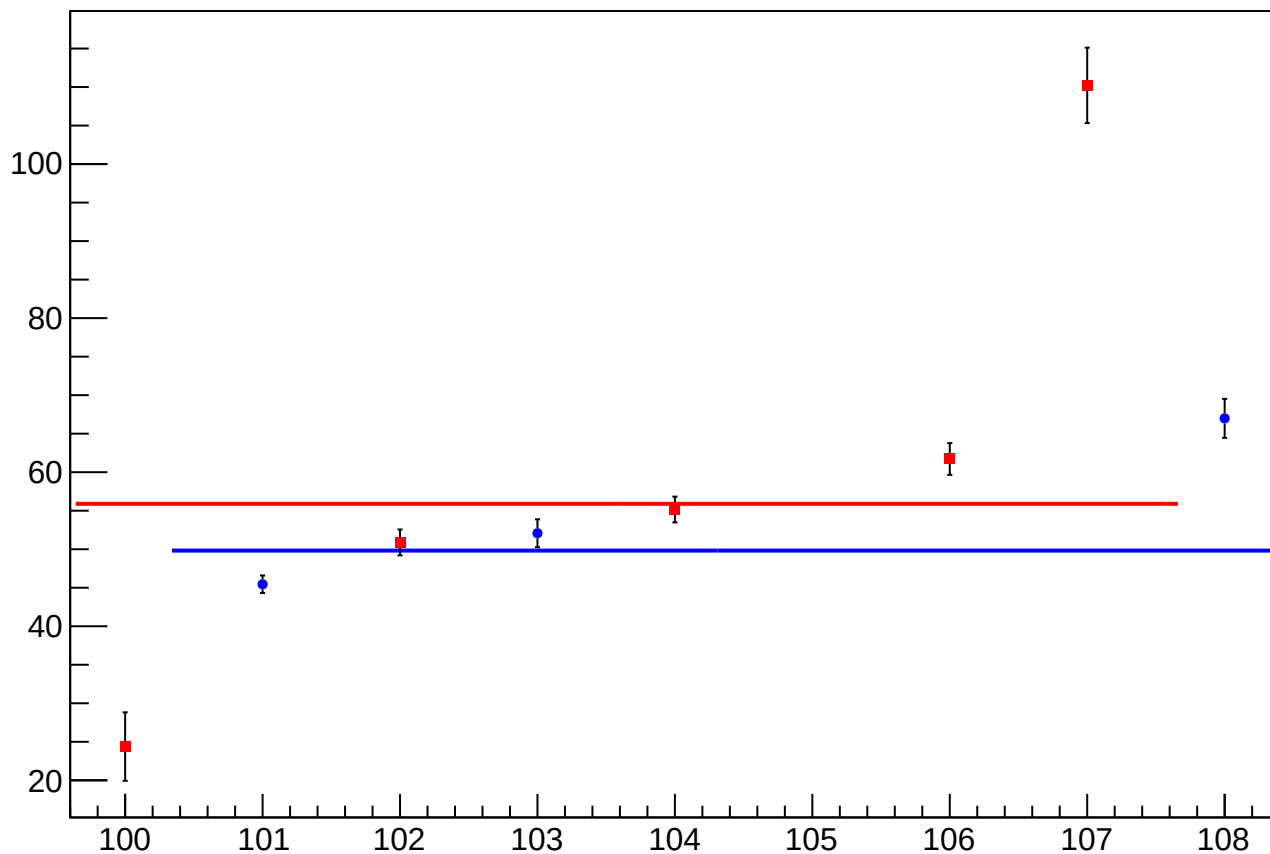
Right: 7.831+/-0.710 χ^2/NDF : 62.1/7

In: 5.483+/-0.976 χ^2/NDF : 33.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.831+/-0.710 χ^2/NDF : 62.1/7

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 49.824+/-0.901 χ^2/NDF : 62.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.896+/-0.981 χ^2/NDF : 190.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

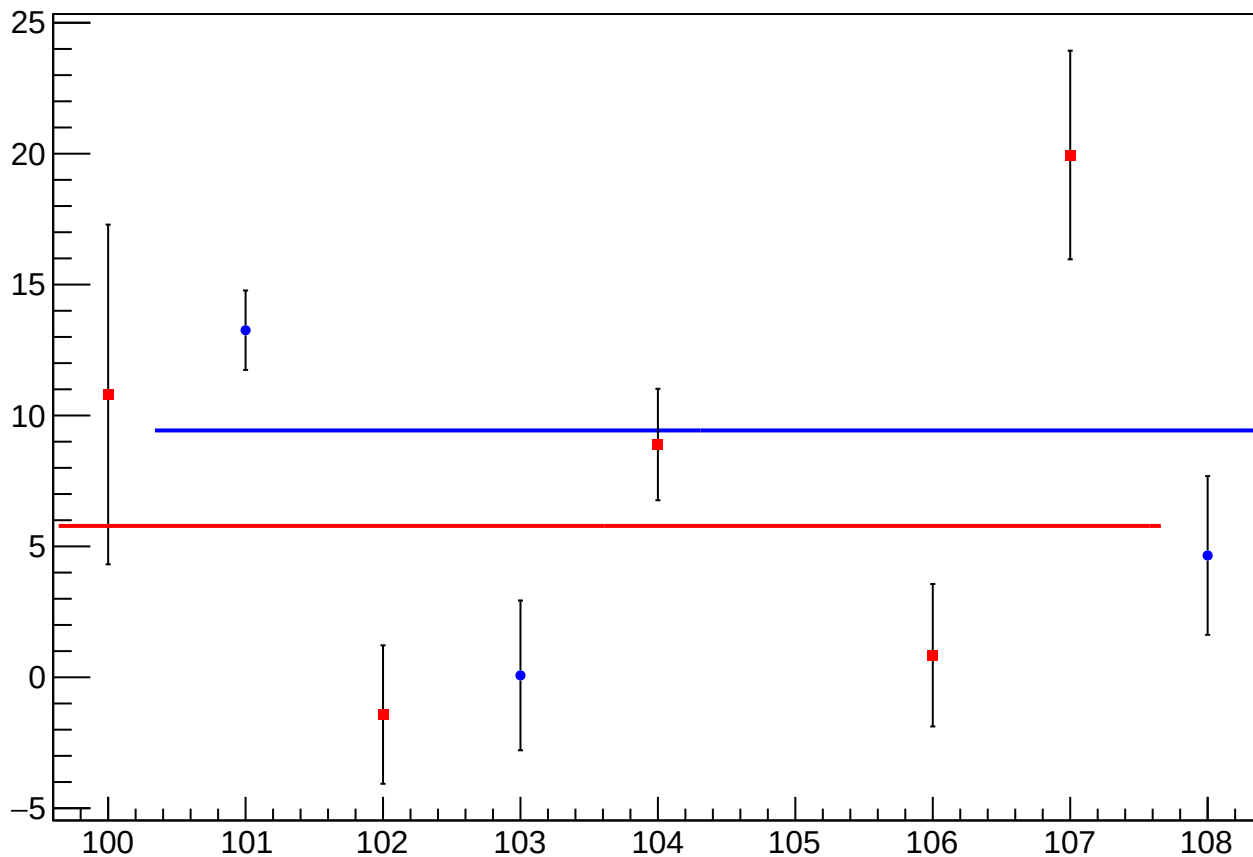
Right: 52.604+/-0.664 χ^2/NDF : 273.4/7

In: 49.824+/-0.901 χ^2/NDF : 62.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.604+/-0.664 χ^2/NDF : 273.4/7

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.429+/-1.226 χ^2/NDF : 19.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.782+/-1.307 χ^2/NDF : 26.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

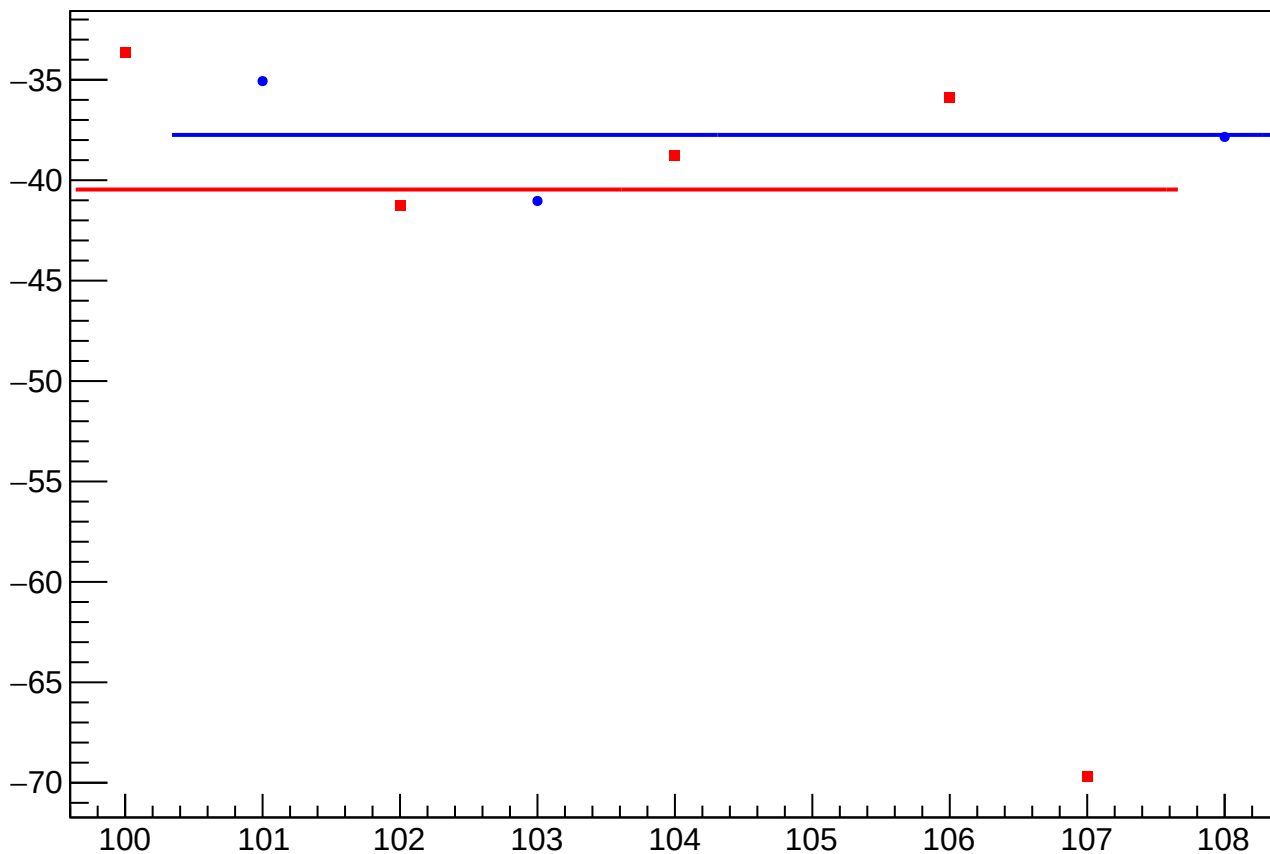
Right: 7.722+/-0.894 χ^2/NDF : 49.8/7

In: 9.429+/-1.226 χ^2/NDF : 19.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.722+/-0.894 χ^2/NDF : 49.8/7

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -37.744+/-0.045 χ^2/NDF : 3434.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -40.464+/-0.045 χ^2/NDF : 25278.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

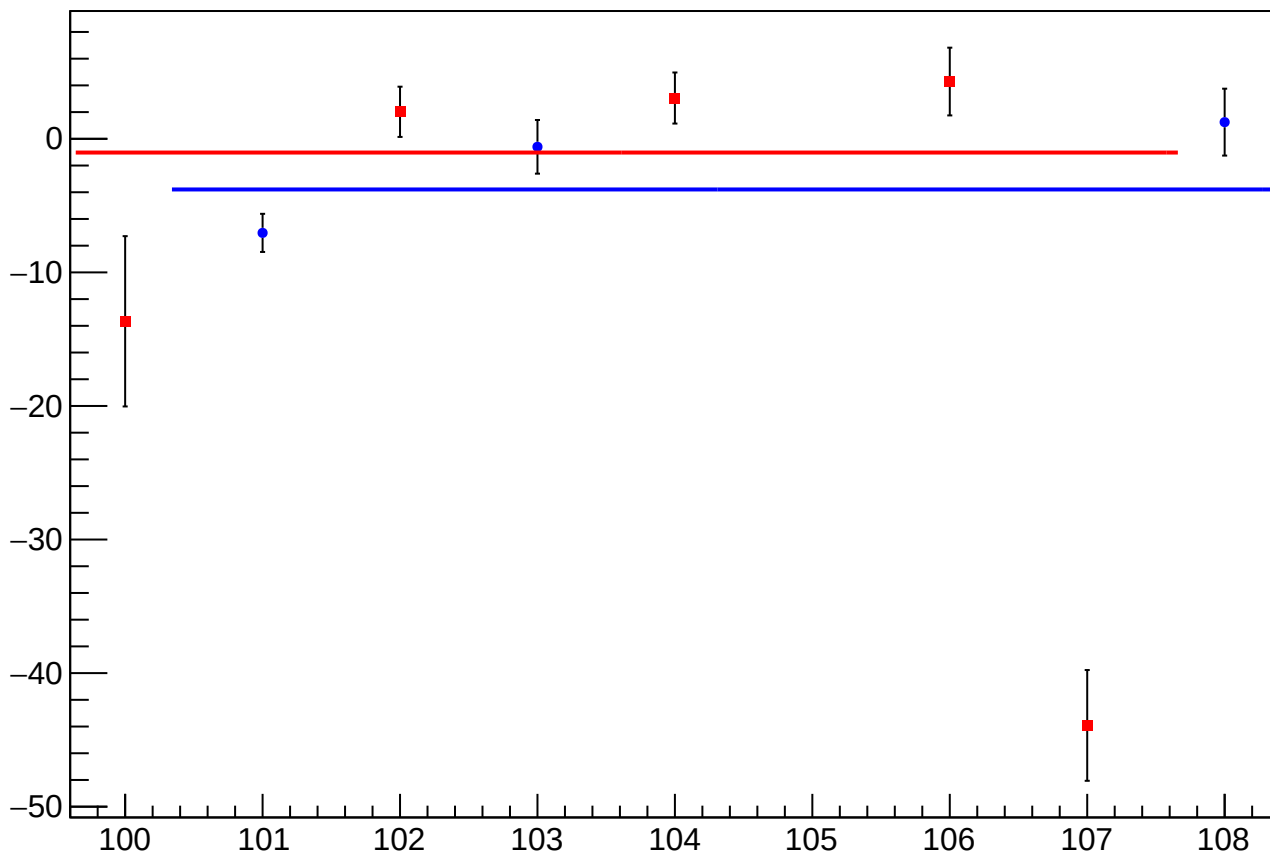
Right: -39.109+/-0.032 χ^2/NDF : 30508.3/7

In: -37.744+/-0.045 χ^2/NDF : 3434.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.109+/-0.032 χ^2/NDF : 30508.3/7

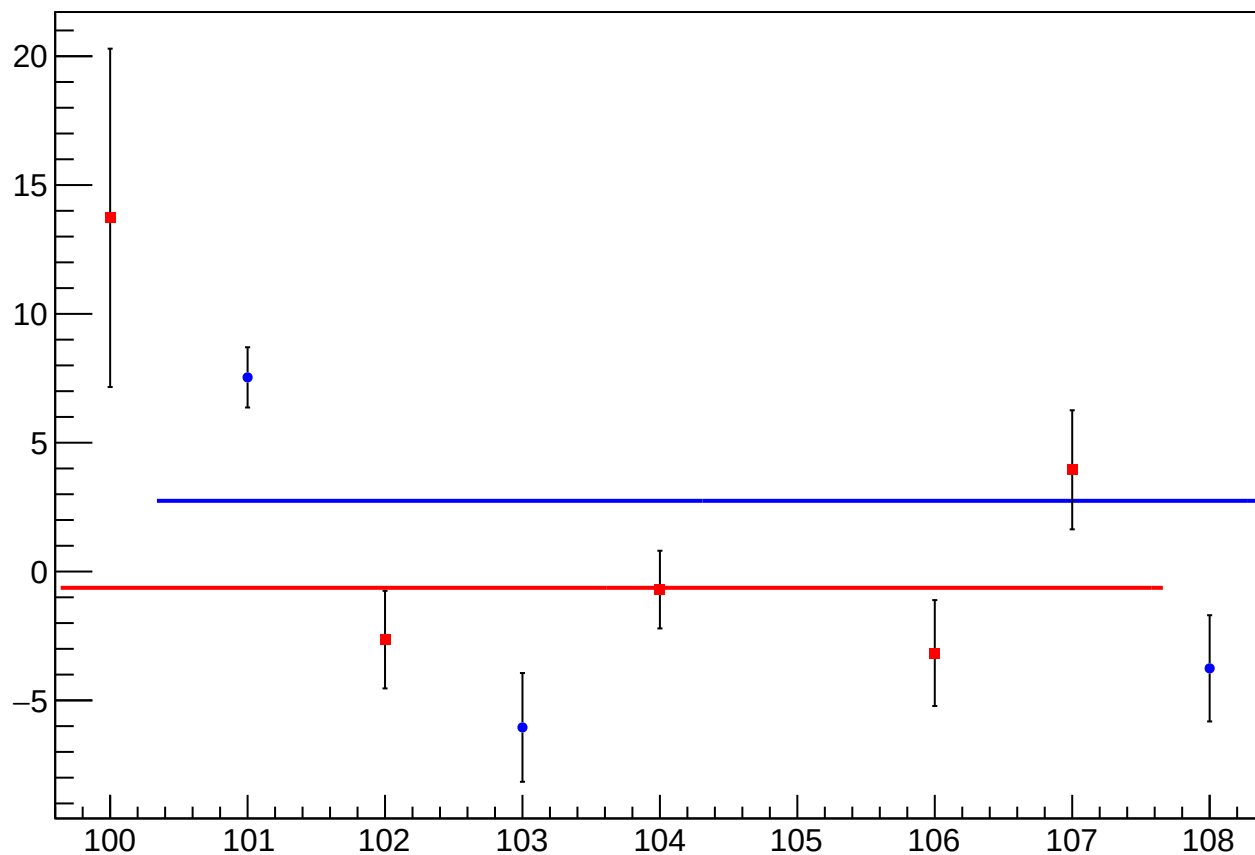
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.792±/-1.055 χ^2 /NDF: 11.8/2
 Left Out: 0.000±/-0.000 χ^2 /NDF:0.0/0
 Right Out: -1.028±/-1.122 χ^2 /NDF: 122.5/4
 Left In: 0.000±/-0.000 χ^2 /NDF:0.0/0

Left: 0.000±/-0.000 χ^2 /NDF: 0.0/0
 Right: -2.494±/-0.769 χ^2 /NDF: 137.5/7
 In: -3.792±/-1.055 χ^2 /NDF:11.8/2
 Out: 0.000±/-0.000 χ^2 /NDF:0.0/0
 All: -2.494±/-0.769 χ^2 /NDF: 137.5/7

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.745+/-0.916 χ^2/NDF : 44.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.631+/-0.926 χ^2/NDF : 11.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

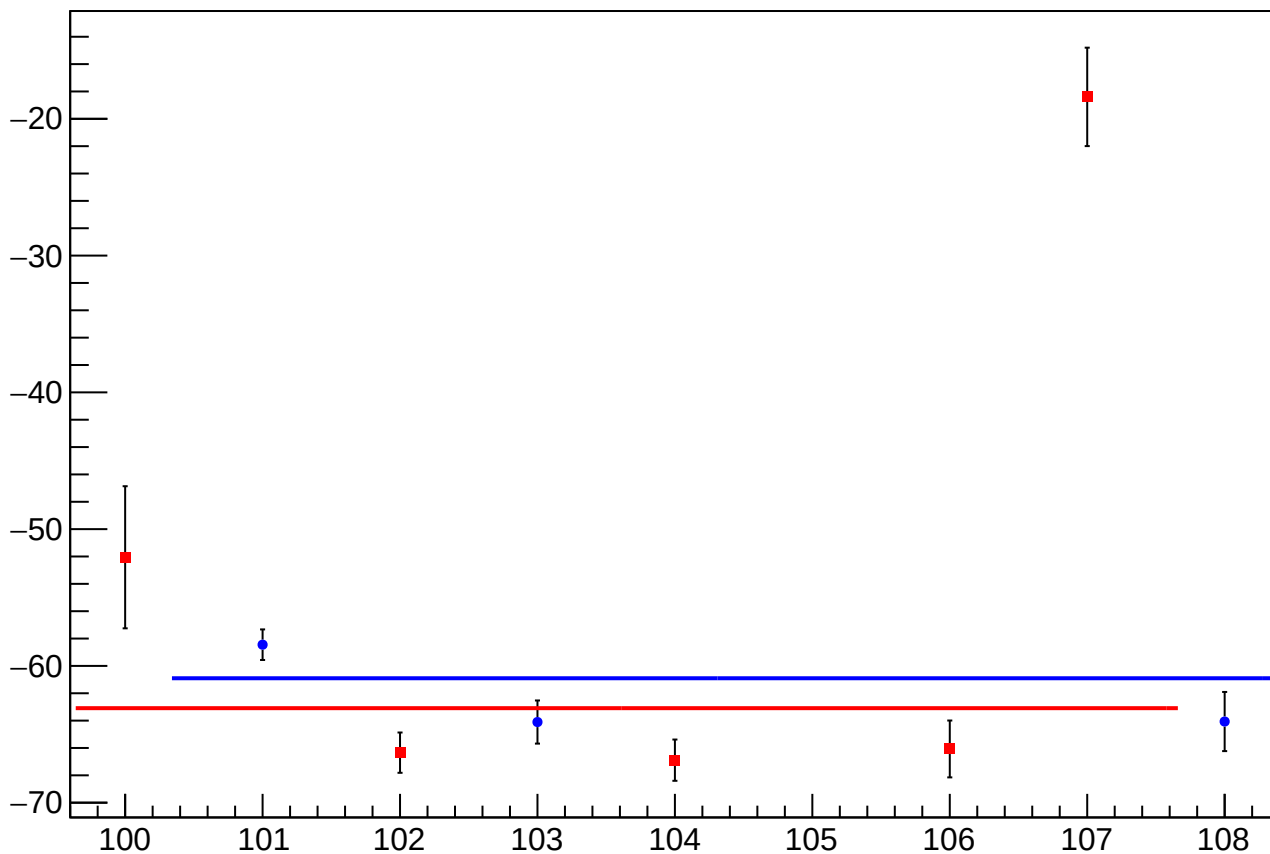
Right: 1.075+/-0.651 χ^2/NDF : 62.2/7

In: 2.745+/-0.916 χ^2/NDF : 44.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.075+/-0.651 χ^2/NDF : 62.2/7

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -60.902 $\pm$ 0.840 χ^2 /NDF: 11.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -63.090 $\pm$ 0.896 χ^2 /NDF: 172.1/4

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

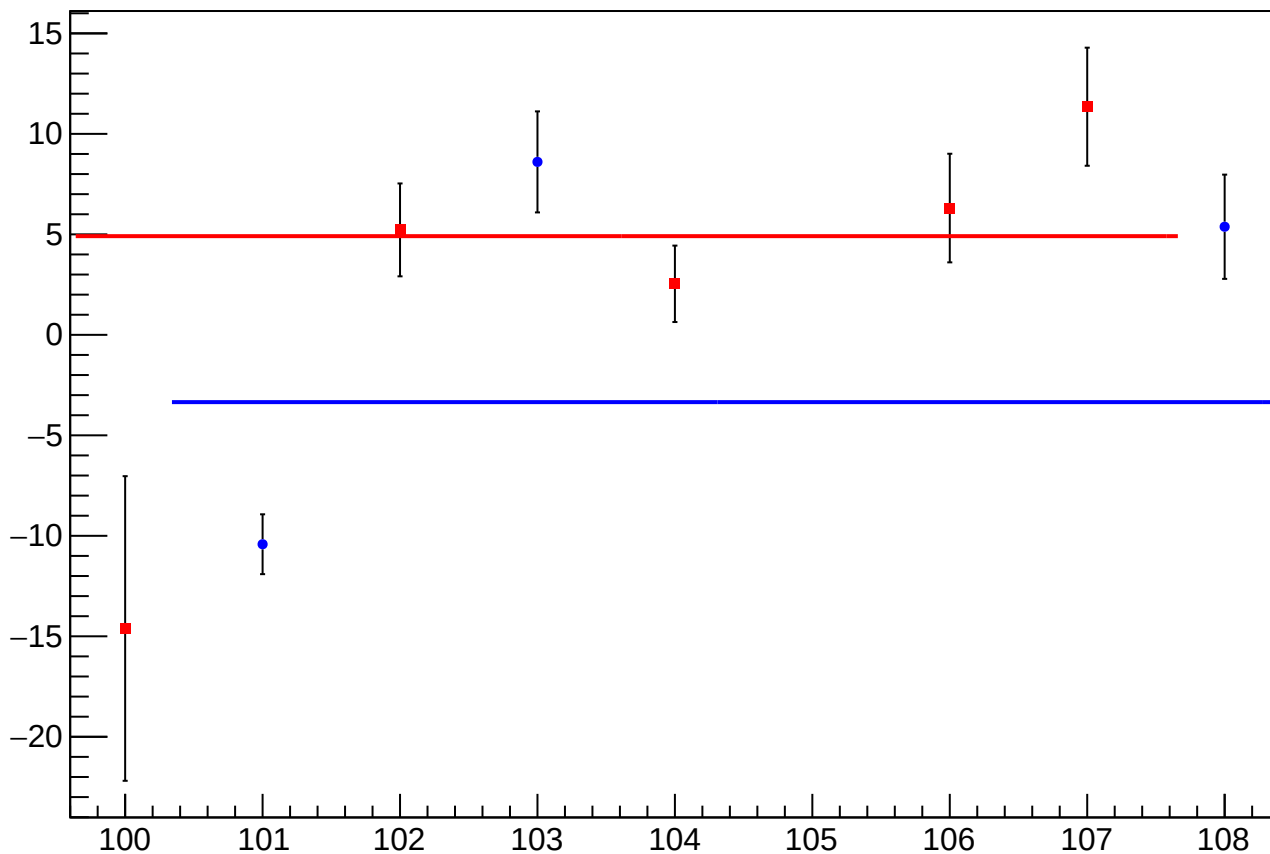
Right: -61.926 $\pm$ 0.613 χ^2 /NDF: 186.3/7

In: -60.902 $\pm$ 0.840 χ^2 /NDF:11.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -61.926 $\pm$ 0.613 χ^2 /NDF: 186.3/7

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -3.348+/-1.149 χ^2/NDF : 56.5/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 4.911+/-1.167 χ^2/NDF : 13.3/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

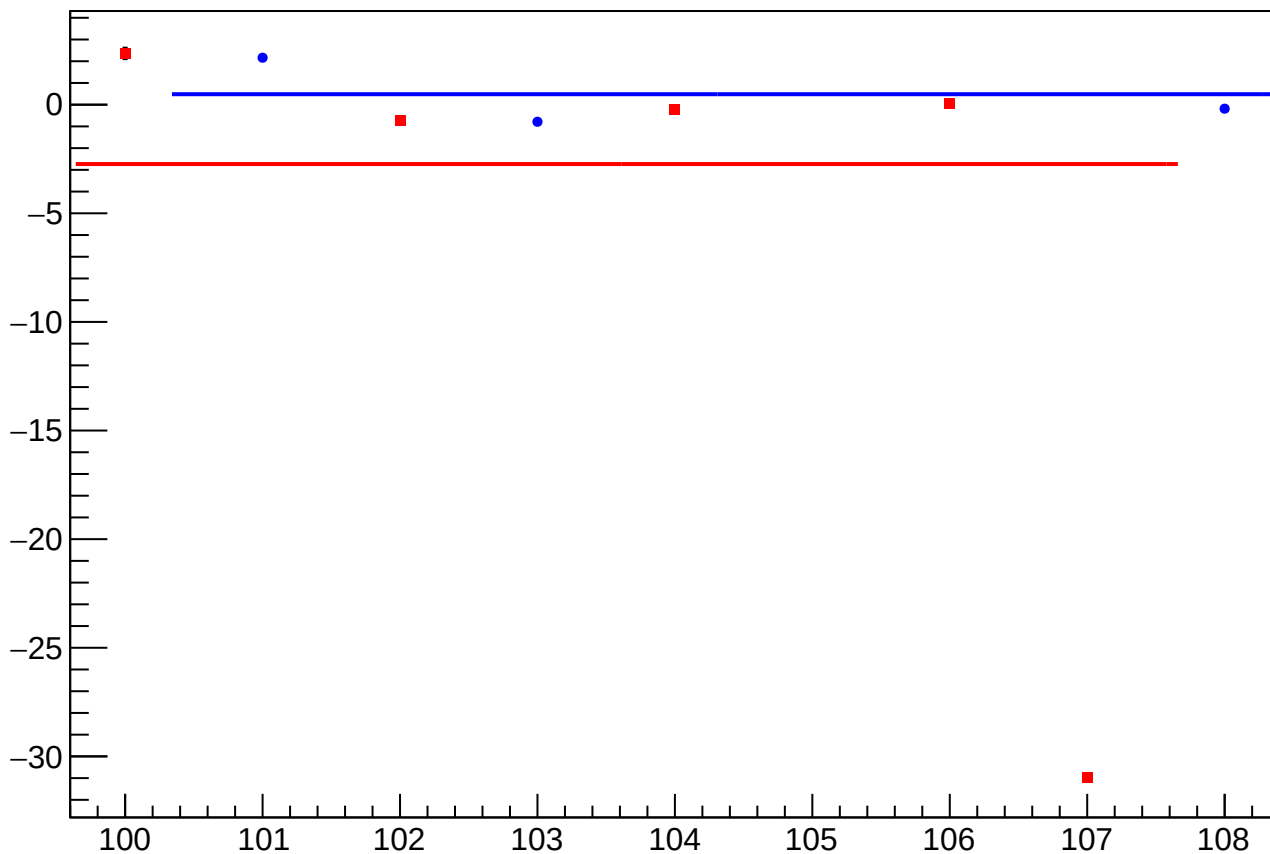
Right: 0.716+/-0.819 χ^2/NDF : 95.2/7

In: -3.348+/-1.149 χ^2/NDF :56.5/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.716+/-0.819 χ^2/NDF : 95.2/7

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.482+/-0.041 χ^2/NDF : 1063.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.733+/-0.041 χ^2/NDF : 40684.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

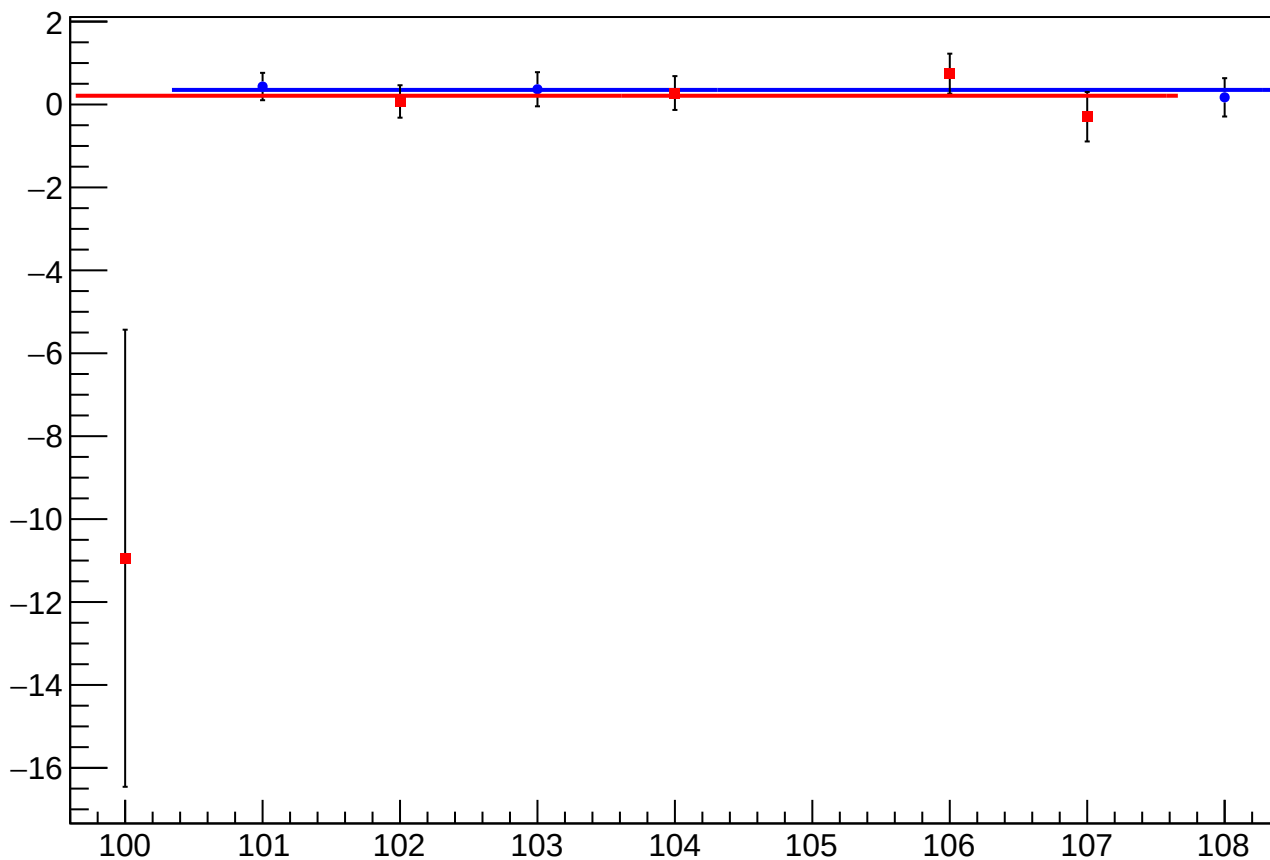
Right: -1.141+/-0.029 χ^2/NDF : 44795.3/7

In: 0.482+/-0.041 χ^2/NDF : 1063.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.141+/-0.029 χ^2/NDF : 44795.3/7

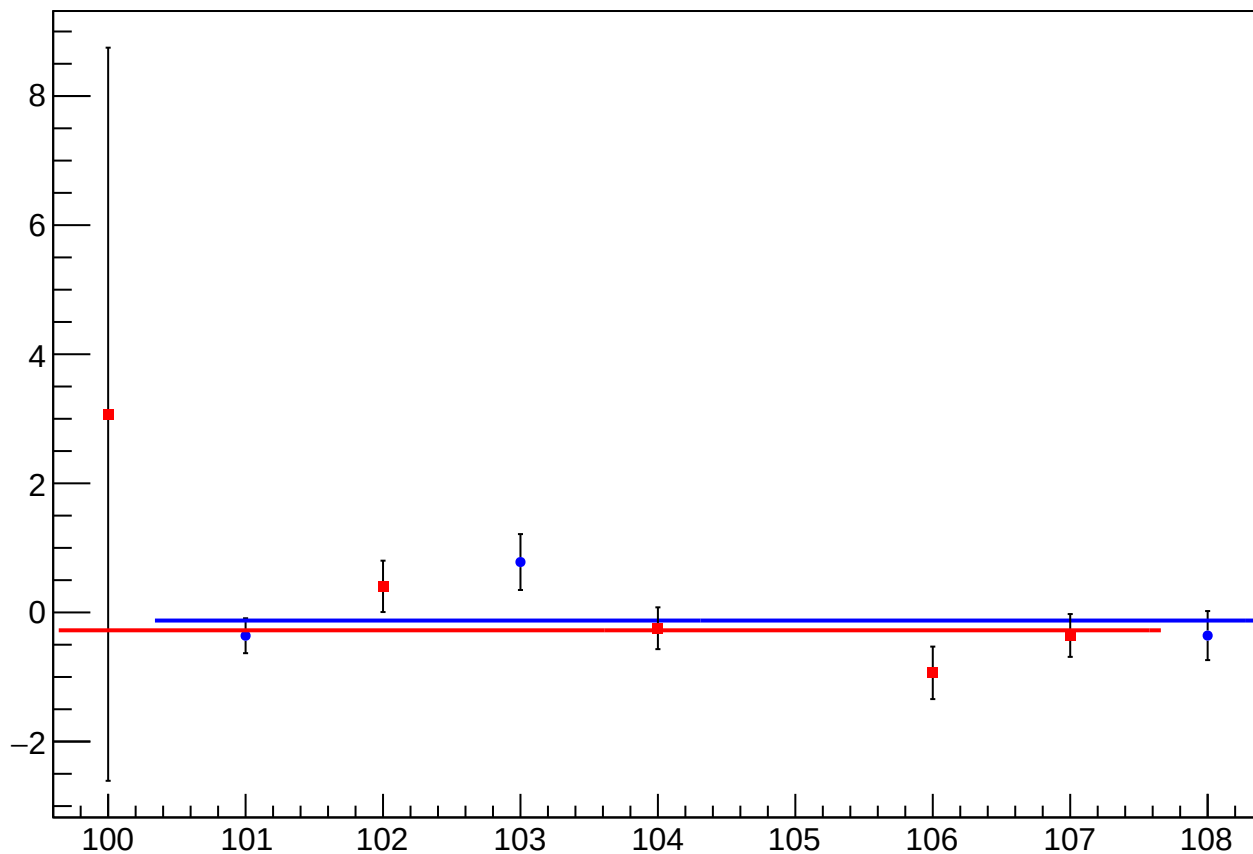
reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.352 $\pm$ 0.225 χ^2 /NDF: 0.2/2
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 0.211 $\pm$ 0.225 χ^2 /NDF: 6.2/4
 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: 0.282 $\pm$ 0.159 χ^2 /NDF: 6.6/7
 In: 0.352 $\pm$ 0.225 χ^2 /NDF: 0.2/2
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.282 $\pm$ 0.159 χ^2 /NDF: 6.6/7

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.126+/-0.196 χ^2/NDF : 5.5/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.277+/-0.180 χ^2/NDF : 6.0/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

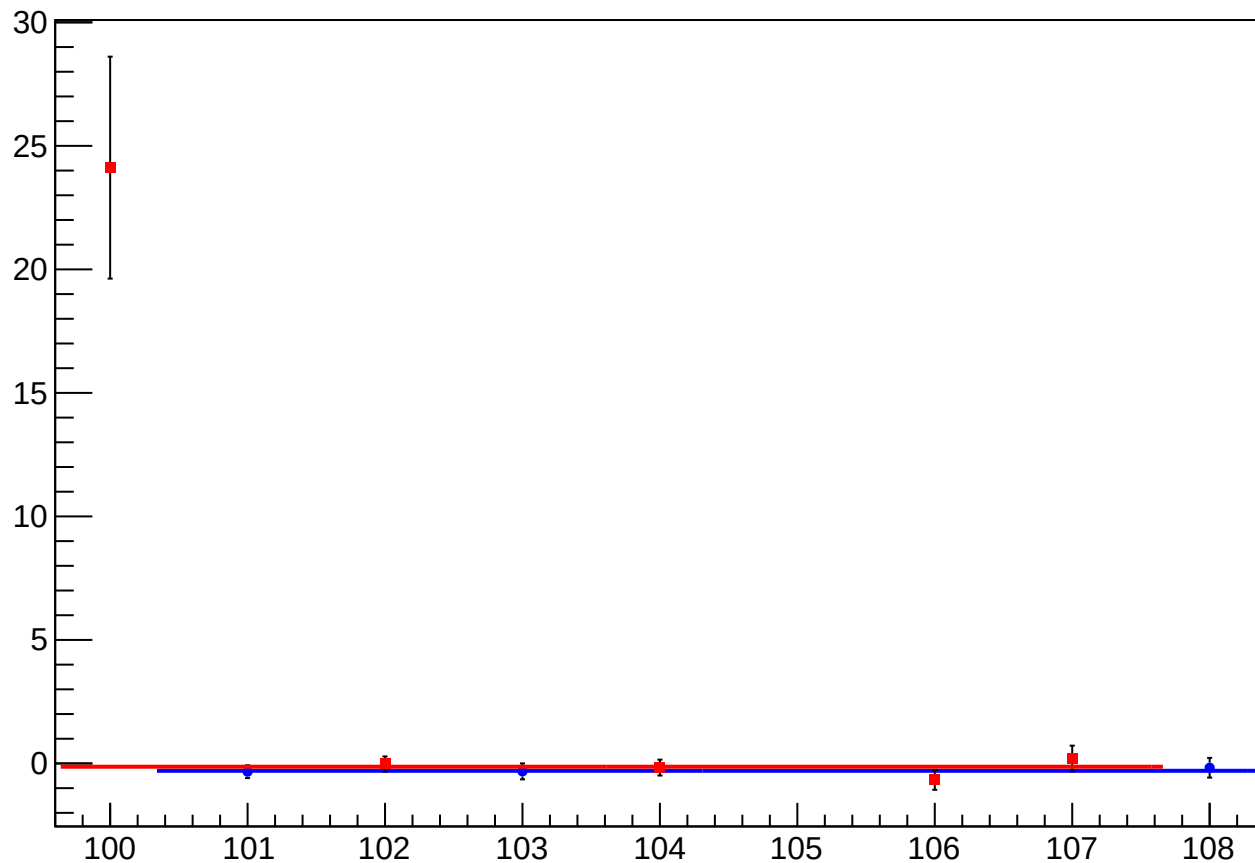
Right: -0.208+/-0.132 χ^2/NDF : 11.8/7

In: -0.126+/-0.196 χ^2/NDF :5.5/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.208+/-0.132 χ^2/NDF : 11.8/7

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.297 ± 0.180 χ^2/NDF : 0.1/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.132 ± 0.182 χ^2/NDF : 31.4/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

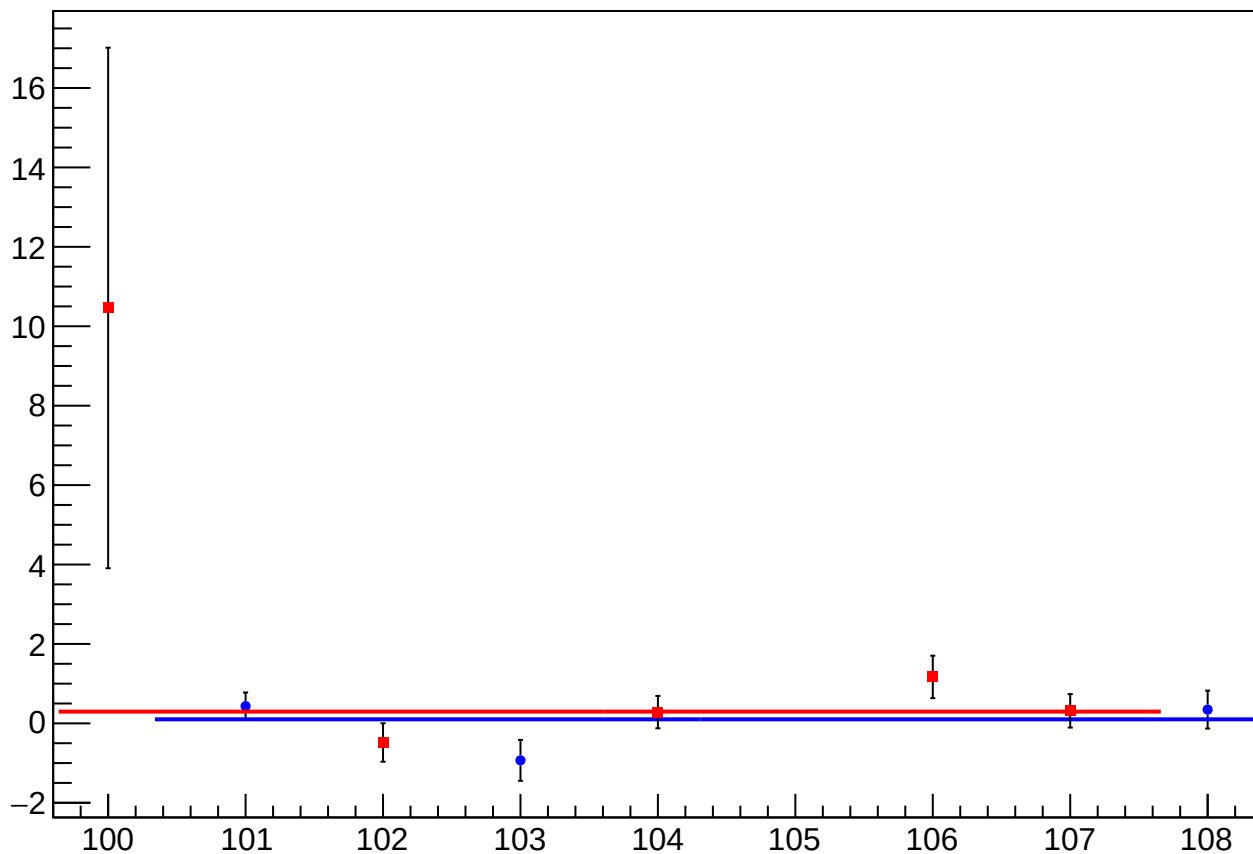
Right: -0.215 ± 0.128 χ^2/NDF : 32.0/7

In: -0.297 ± 0.180 χ^2/NDF : 0.1/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.215 ± 0.128 χ^2/NDF : 32.0/7

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.102 $\pm$ 0.245 χ^2 /NDF: 5.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.296 $\pm$ 0.227 χ^2 /NDF: 7.7/4

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

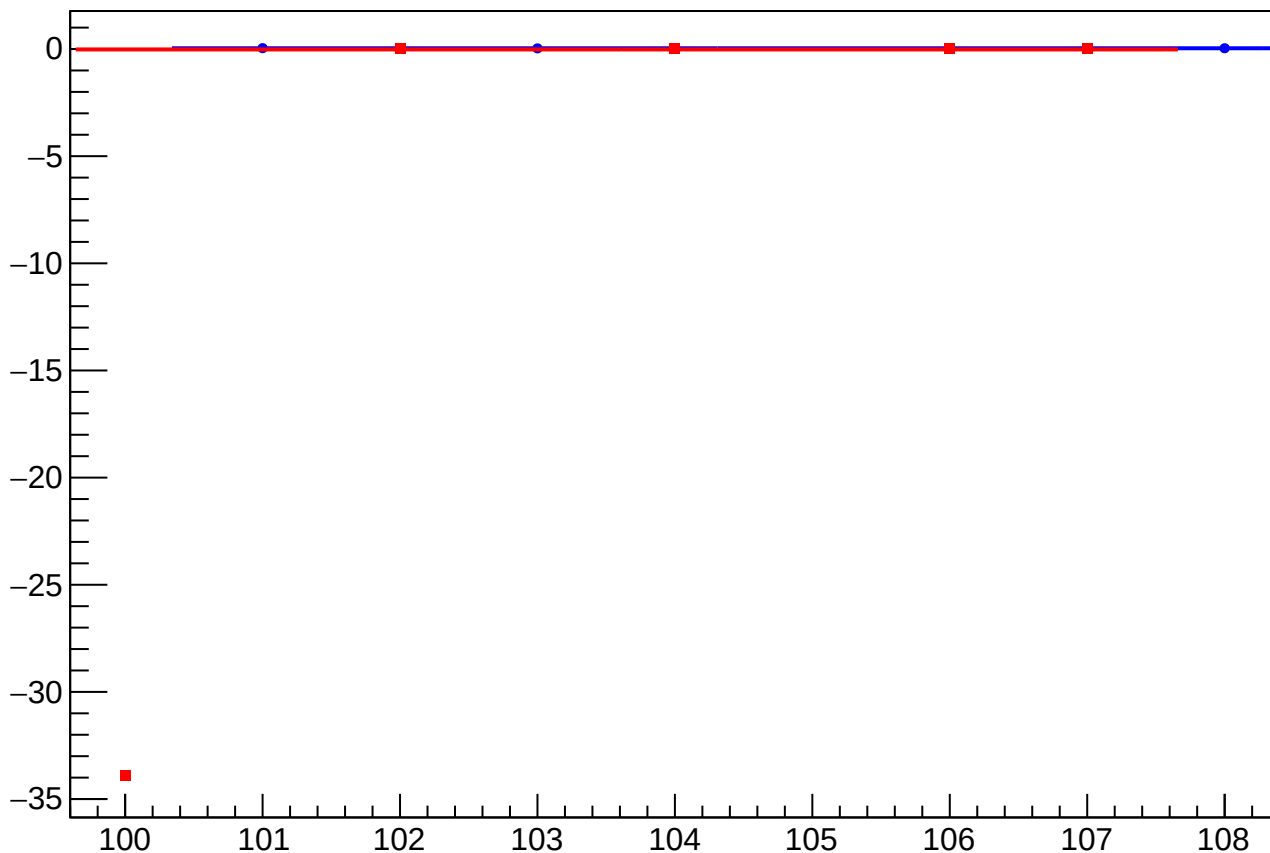
Right: 0.207 $\pm$ 0.167 χ^2 /NDF: 13.2/7

In: 0.102 $\pm$ 0.245 χ^2 /NDF: 5.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.207 $\pm$ 0.167 χ^2 /NDF: 13.2/7

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.036 $\pm$ 0.009 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.018 $\pm$ 0.008 χ^2 /NDF: 22229.1/4

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

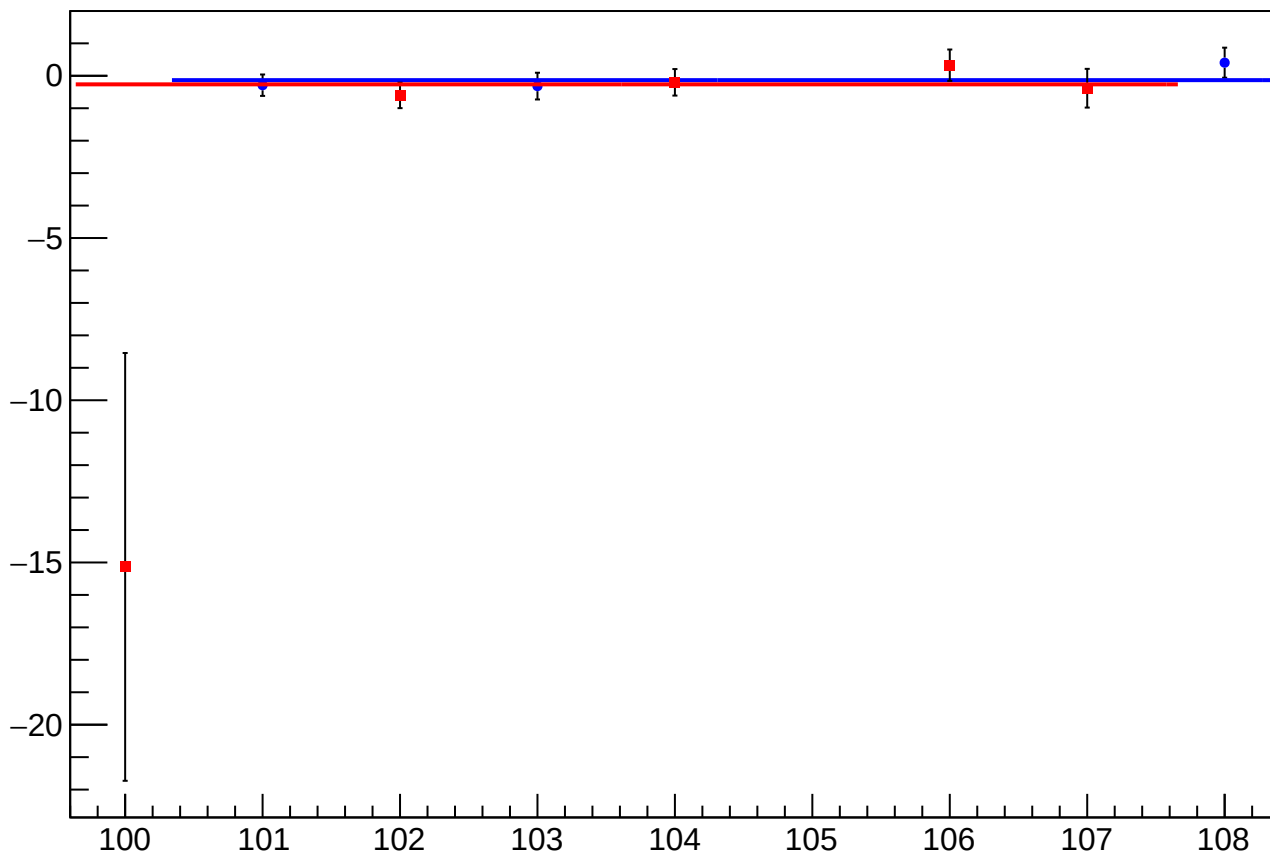
Right: 0.008 $\pm$ 0.006 χ^2 /NDF: 22250.2/7

In: 0.036 $\pm$ 0.009 χ^2 /NDF: 0.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.008 $\pm$ 0.006 χ^2 /NDF: 22250.2/7

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.134 ± 0.225 χ^2/NDF : 1.8/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.264 ± 0.226 χ^2/NDF : 7.4/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

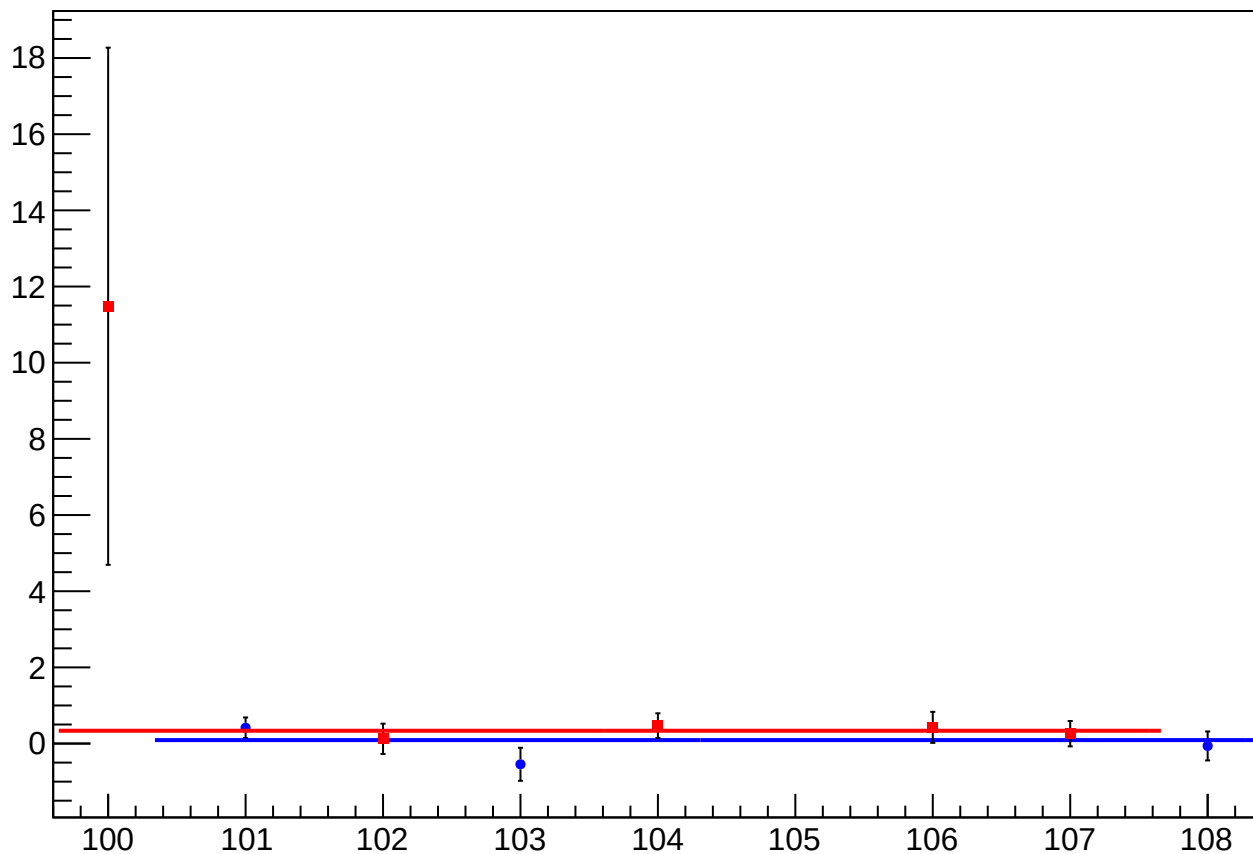
Right: -0.199 ± 0.159 χ^2/NDF : 9.3/7

In: -0.134 ± 0.225 χ^2/NDF : 1.8/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.199 ± 0.159 χ^2/NDF : 9.3/7

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.091+/-0.196 χ^2/NDF : 3.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.337+/-0.180 χ^2/NDF : 3.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

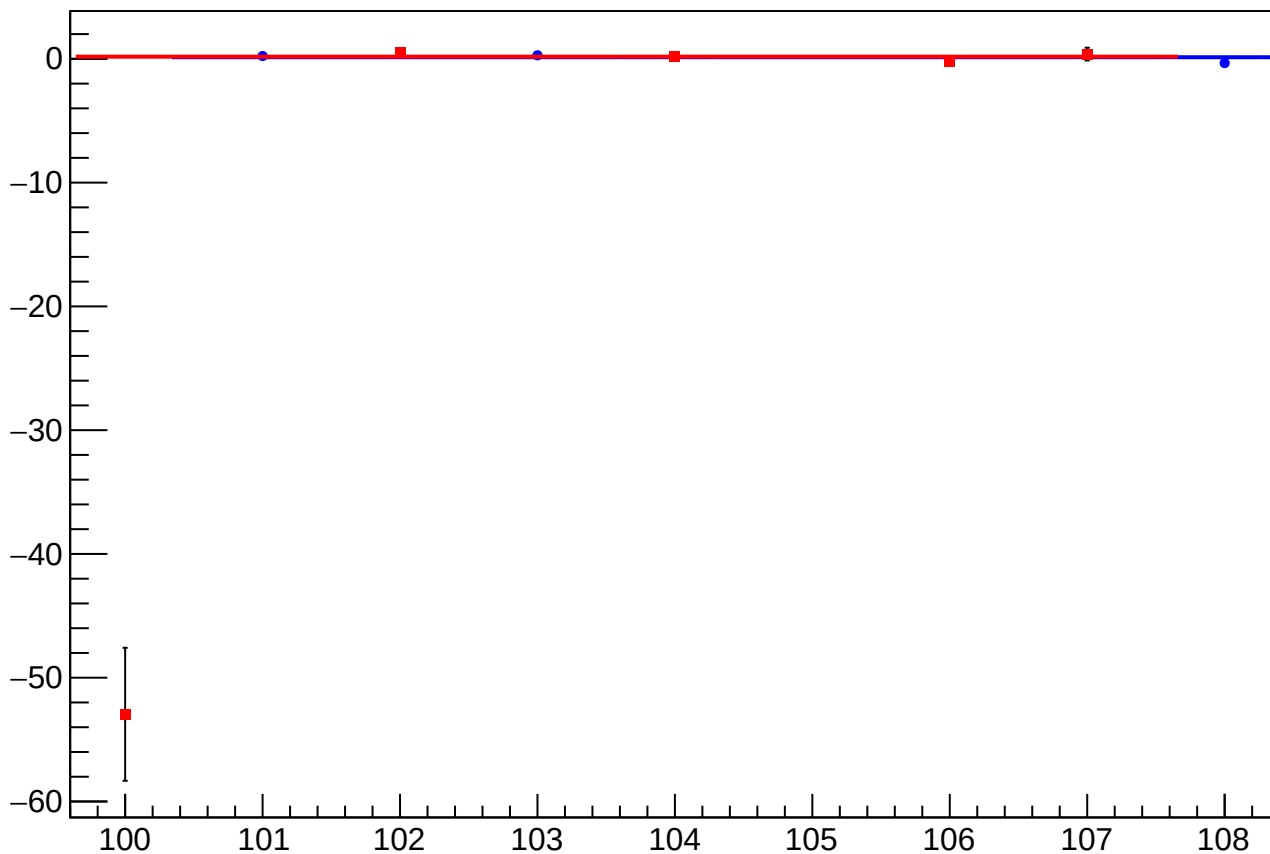
Right: 0.224+/-0.133 χ^2/NDF : 7.9/7

In: 0.091+/-0.196 χ^2/NDF : 3.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.224+/-0.133 χ^2/NDF : 7.9/7

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.131+/-0.180 χ^2/NDF : 1.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.177+/-0.182 χ^2/NDF : 99.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

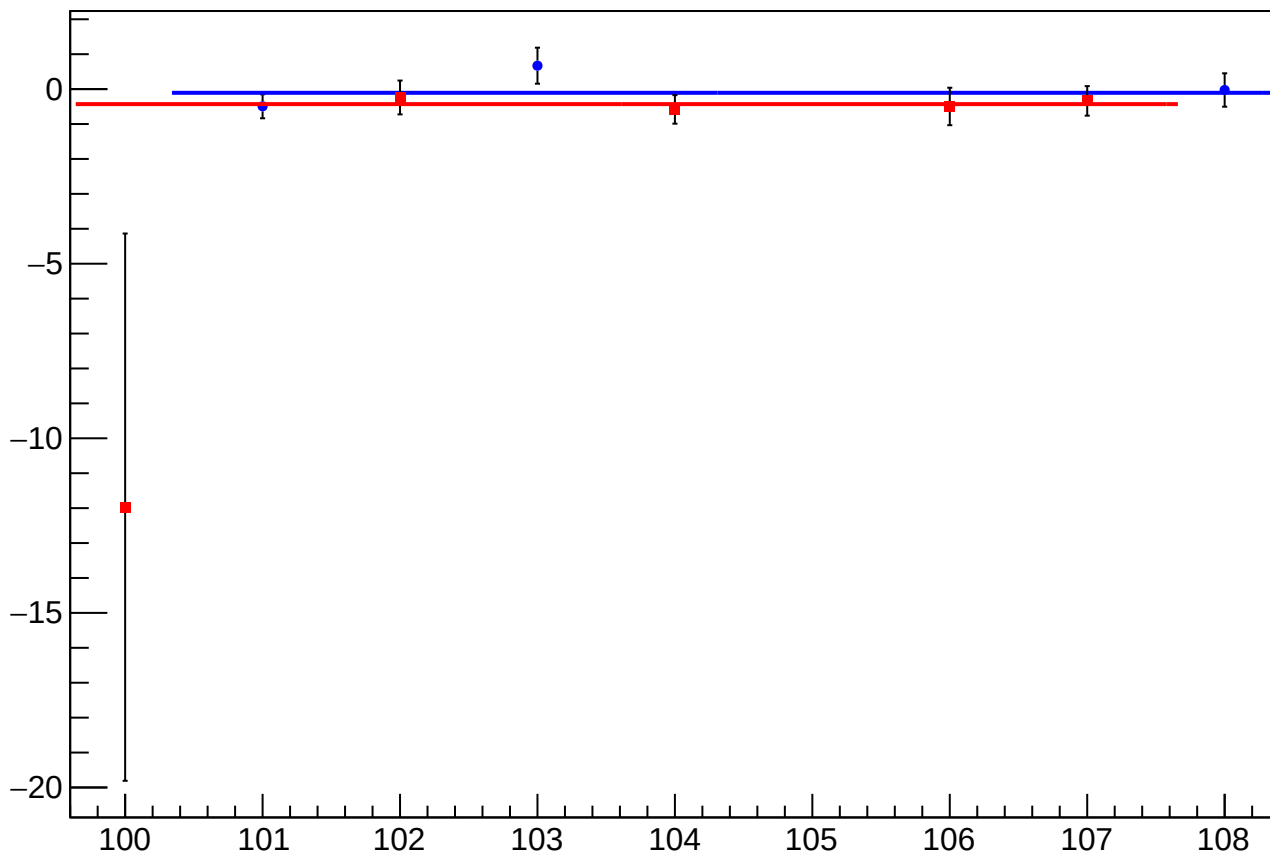
Right: 0.154+/-0.128 χ^2/NDF : 101.7/7

In: 0.131+/-0.180 χ^2/NDF : 1.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.154+/-0.128 χ^2/NDF : 101.7/7

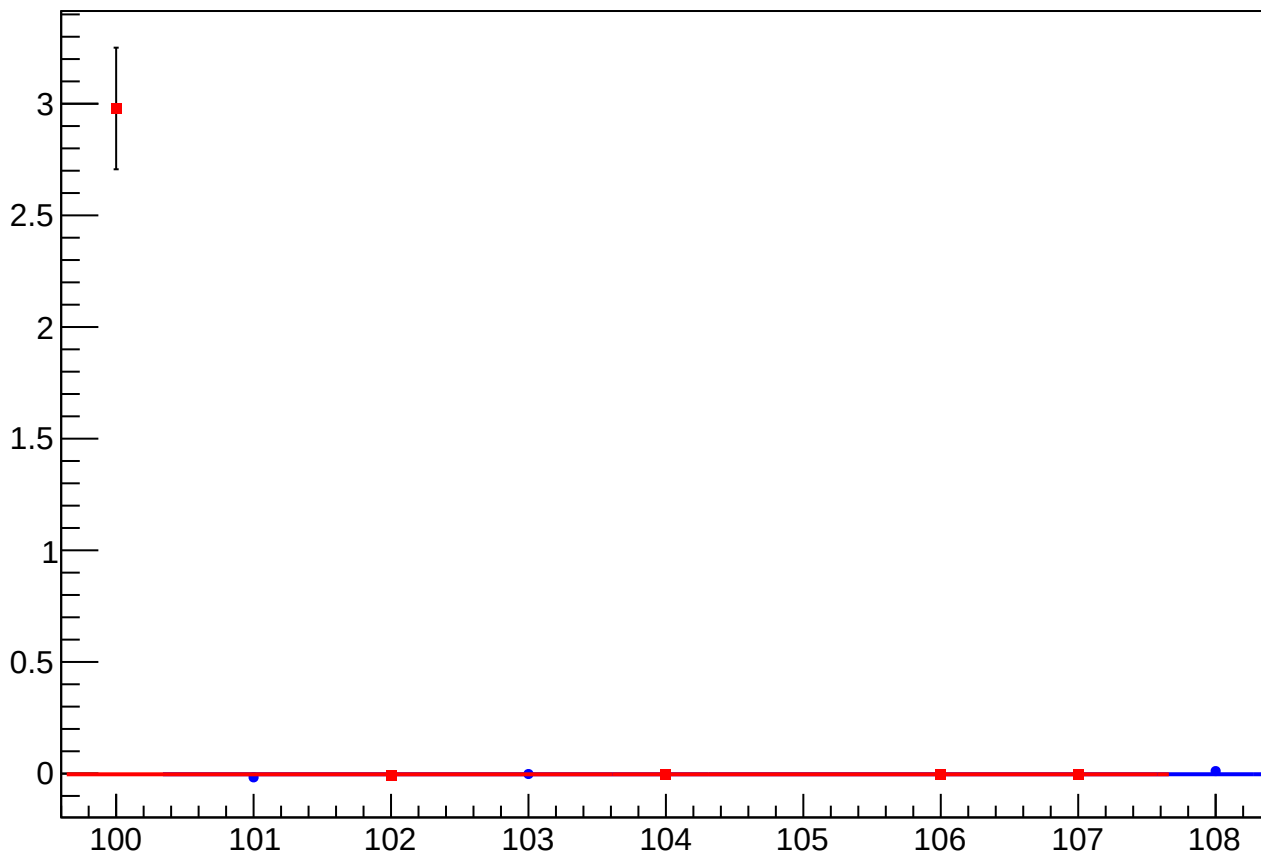
reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.106 ± 0.245 χ^2/NDF : 3.6/2
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -0.430 ± 0.227 χ^2/NDF : 2.5/4
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -0.280 ± 0.167 χ^2/NDF : 7.0/7
 In: -0.106 ± 0.245 χ^2/NDF : 3.6/2
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -0.280 ± 0.167 χ^2/NDF : 7.0/7

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.003 ± 0.009 χ^2/NDF : 1.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.003 ± 0.008 χ^2/NDF : 120.1/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

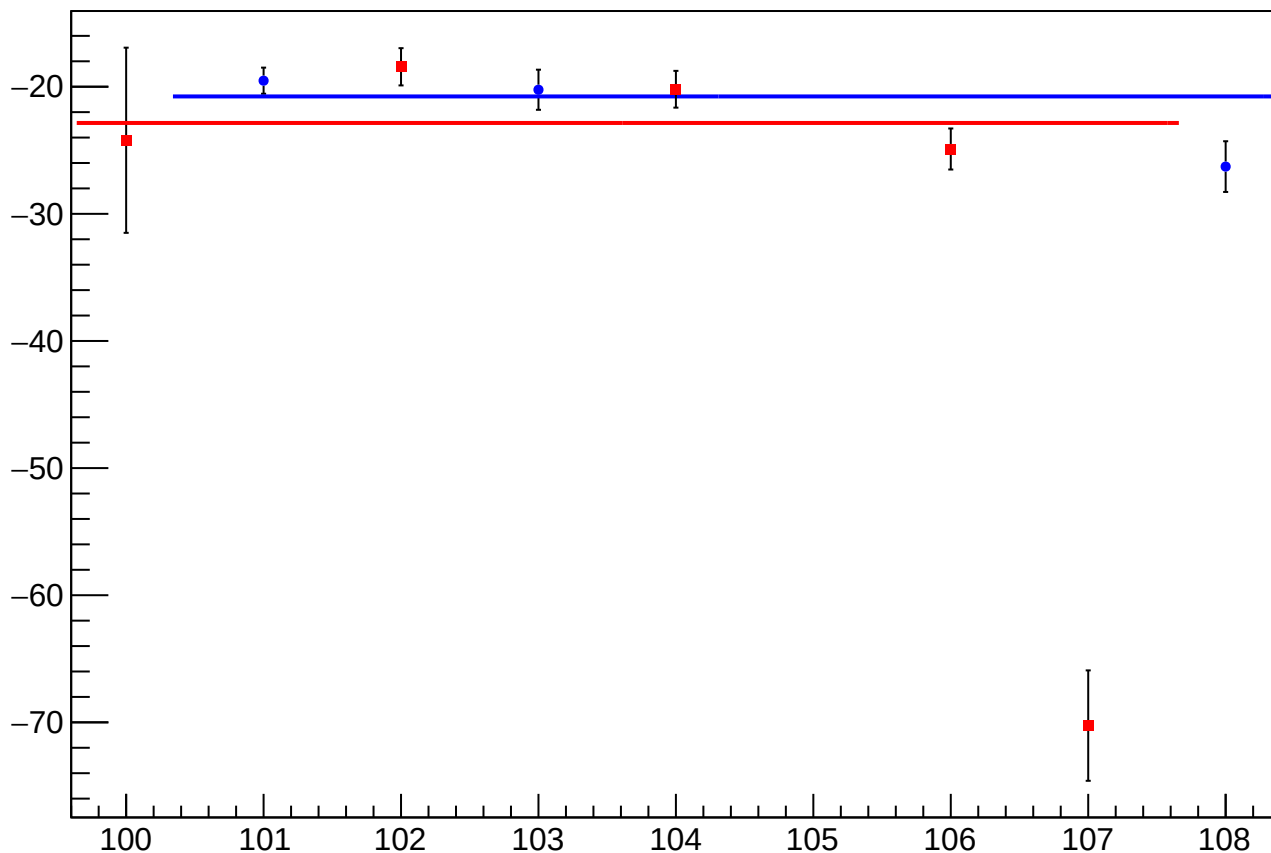
Right: -0.003 ± 0.006 χ^2/NDF : 121.7/7

In: -0.003 ± 0.009 χ^2/NDF : 1.6/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.003 ± 0.006 χ^2/NDF : 121.7/7

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -20.764 $\pm$ 0.790 χ^2 /NDF: 9.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -22.851 $\pm$ 0.845 χ^2 /NDF: 133.3/4

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

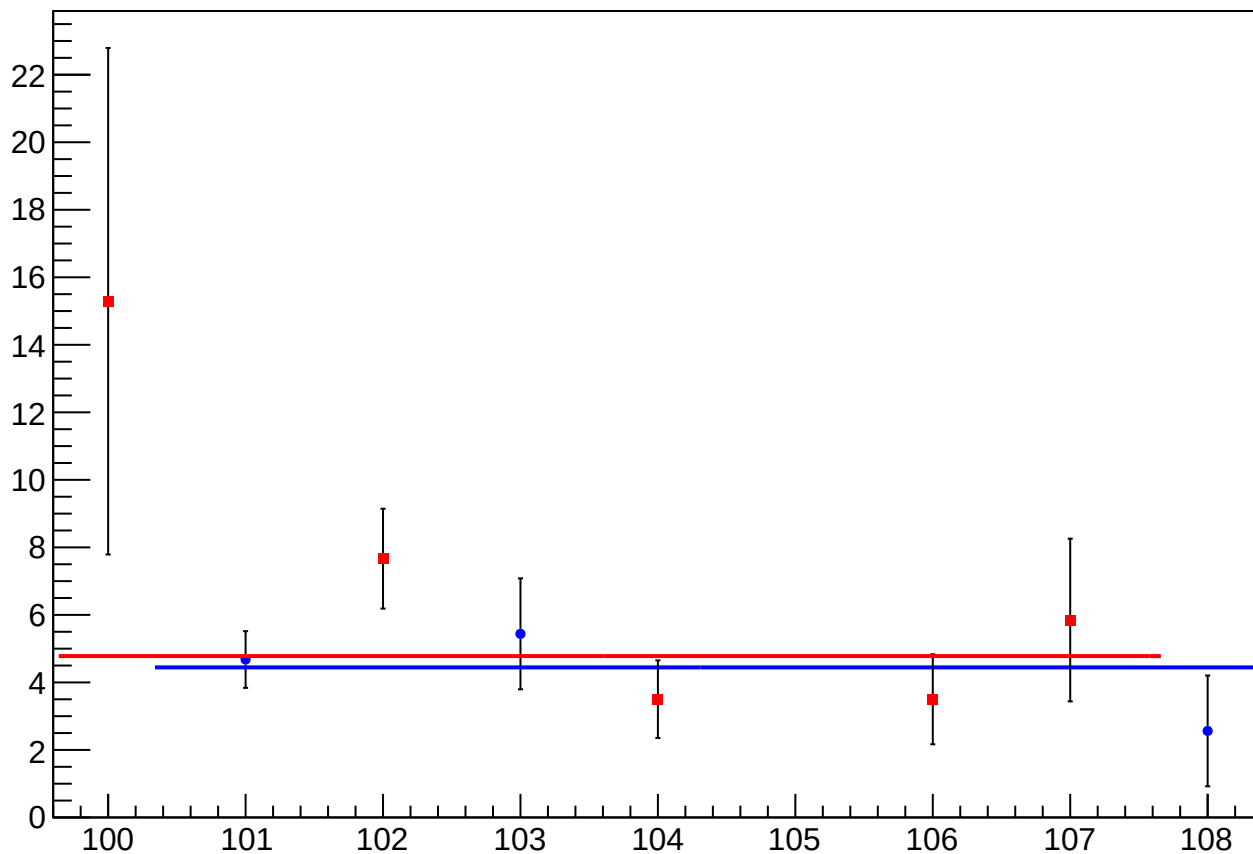
Right: -21.738 $\pm$ 0.577 χ^2 /NDF: 145.7/7

In: -20.764 $\pm$ 0.790 χ^2 /NDF: 9.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -21.738 $\pm$ 0.577 χ^2 /NDF: 145.7/7

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.445+/-0.681 χ^2/NDF : 1.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.780+/-0.713 χ^2/NDF : 8.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

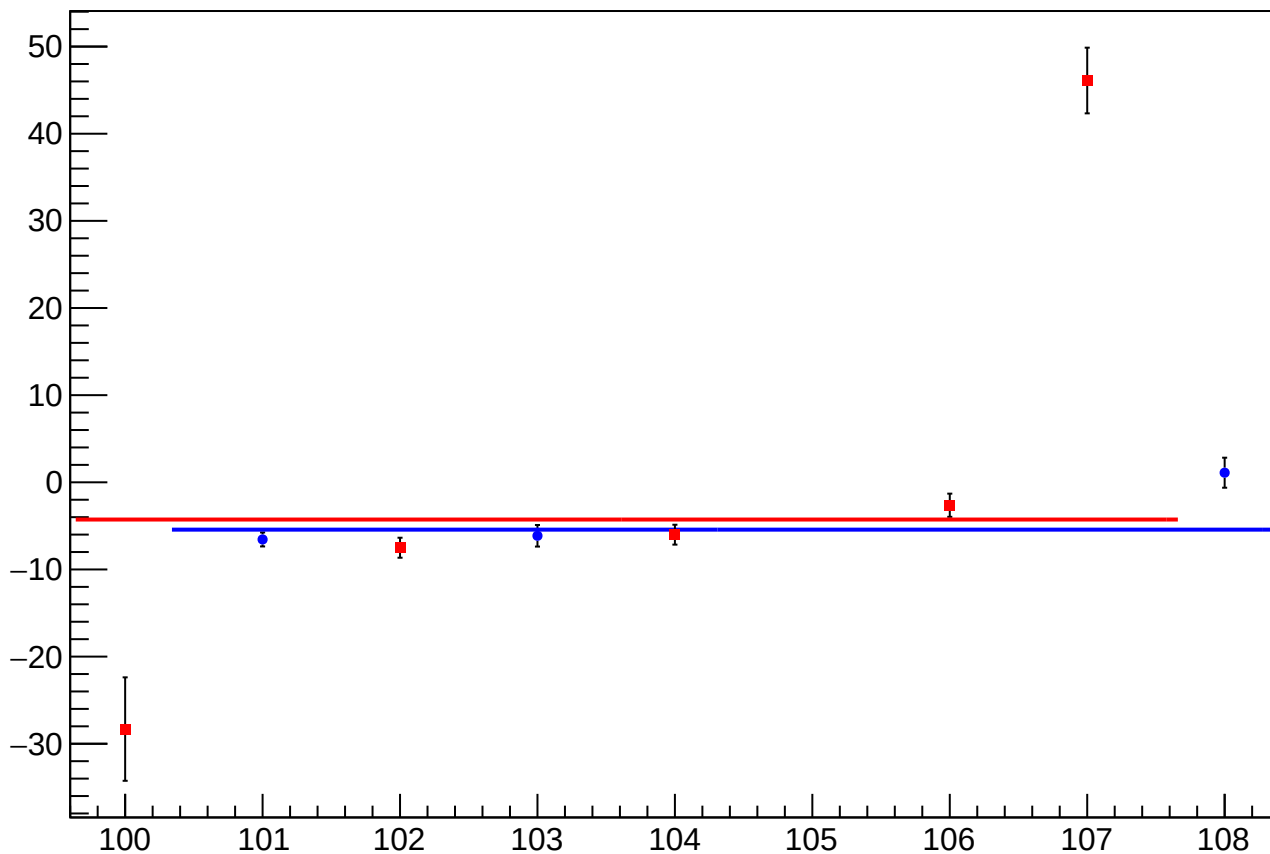
Right: 4.605+/-0.492 χ^2/NDF : 10.0/7

In: 4.445+/-0.681 χ^2/NDF : 1.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.605+/-0.492 χ^2/NDF : 10.0/7

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.431+/-0.628 χ^2/NDF : 16.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.272+/-0.675 χ^2/NDF : 206.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

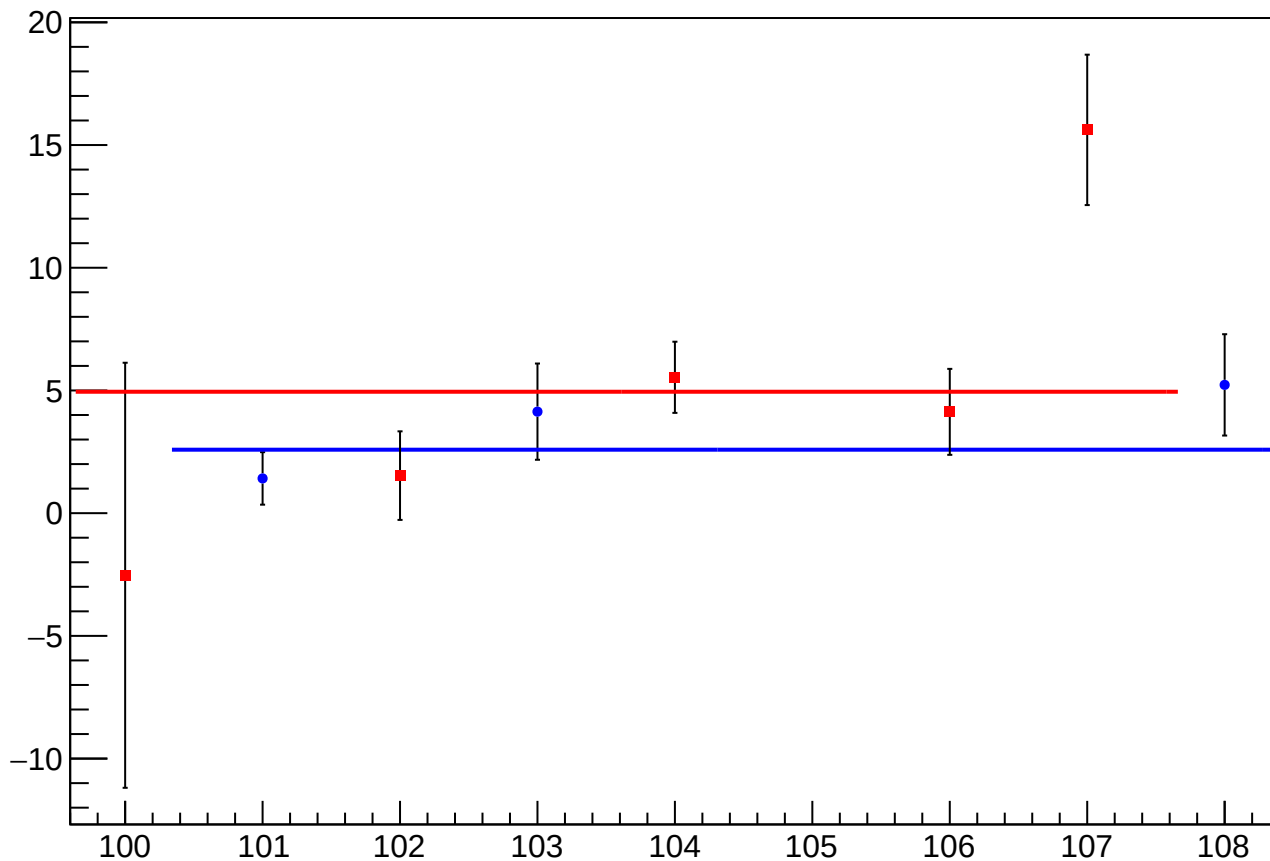
Right: -4.894+/-0.460 χ^2/NDF : 225.2/7

In: -5.431+/-0.628 χ^2/NDF : 16.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.894+/-0.460 χ^2/NDF : 225.2/7

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.586+/-0.855 χ^2/NDF : 3.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.948+/-0.902 χ^2/NDF : 16.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

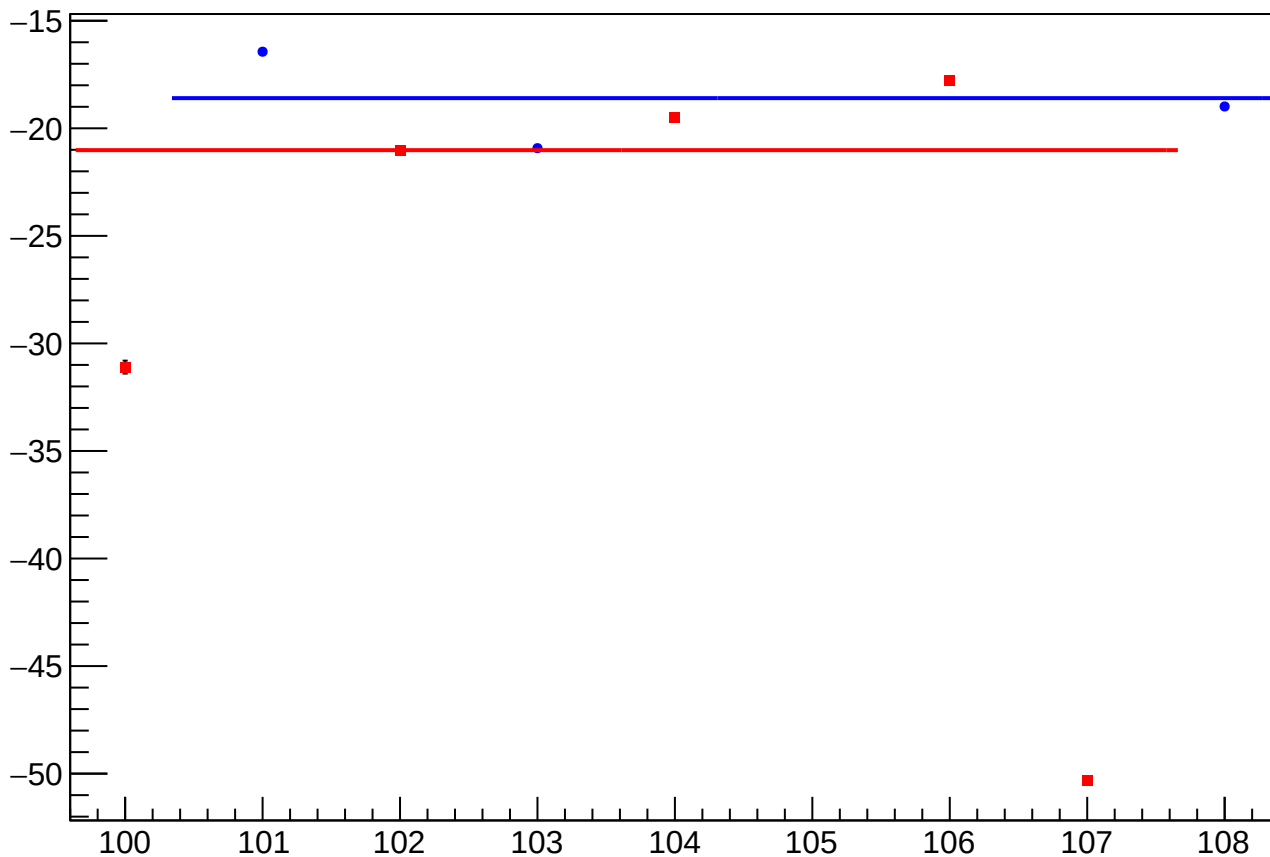
Right: 3.703+/-0.620 χ^2/NDF : 23.9/7

In: 2.586+/-0.855 χ^2/NDF : 3.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.703+/-0.620 χ^2/NDF : 23.9/7

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -18.597 $\pm$ 0.031 χ^2 /NDF: 4074.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -21.015 $\pm$ 0.031 χ^2 /NDF: 41265.7/4

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

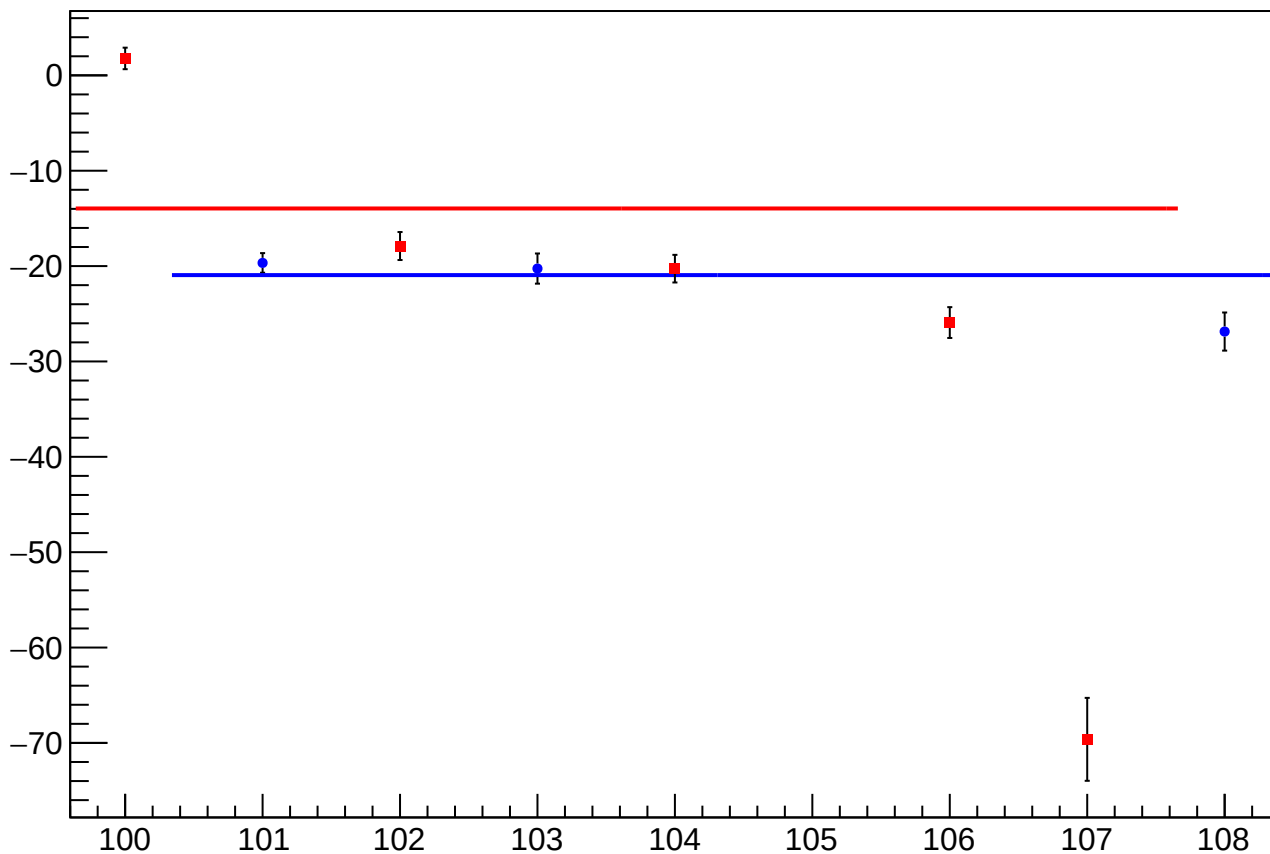
Right: -19.825 $\pm$ 0.022 χ^2 /NDF: 48336.2/7

In: -18.597 $\pm$ 0.031 χ^2 /NDF:4074.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -19.825 $\pm$ 0.022 χ^2 /NDF: 48336.2/7

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -20.945 ± 0.792 $\chi^2/\text{NDF}: 10.5/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -13.959 ± 0.680 $\chi^2/\text{NDF}: 439.3/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

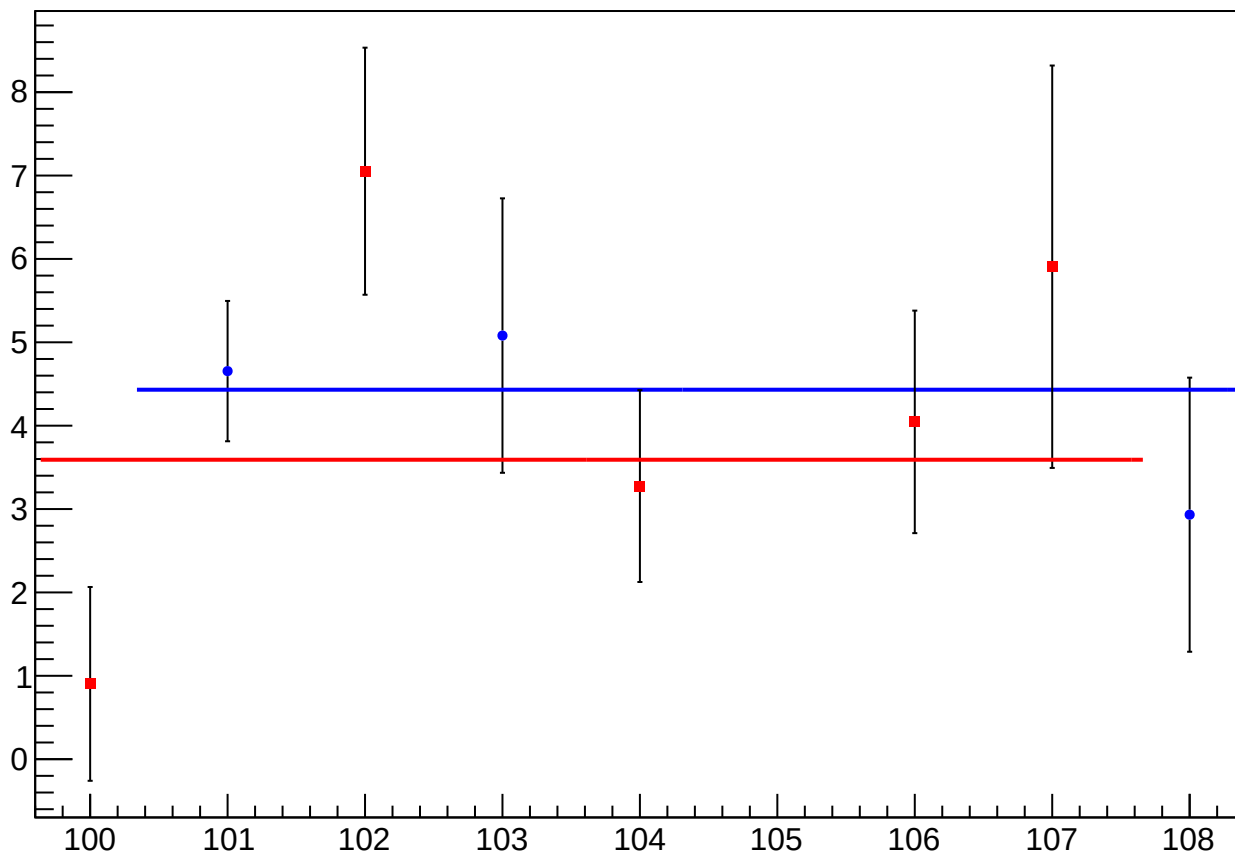
Right: -16.926 ± 0.516 $\chi^2/\text{NDF}: 494.6/7$

In: -20.945 ± 0.792 $\chi^2/\text{NDF}: 10.5/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -16.926 ± 0.516 $\chi^2/\text{NDF}: 494.6/7$

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.431+/-0.682 χ^2/NDF : 1.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.591+/-0.610 χ^2/NDF : 11.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

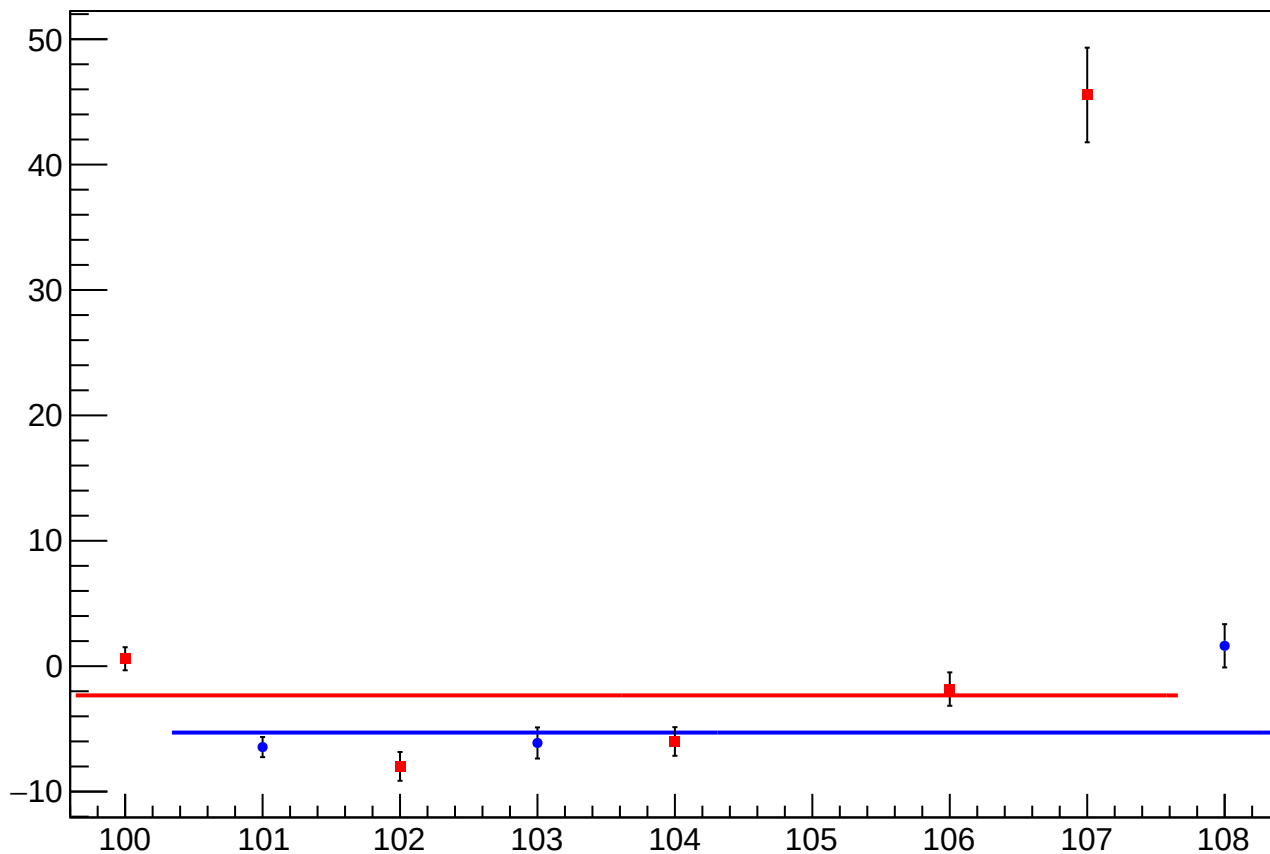
Right: 3.965+/-0.455 χ^2/NDF : 13.8/7

In: 4.431+/-0.682 χ^2/NDF : 1.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.965+/-0.455 χ^2/NDF : 13.8/7

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.295+/-0.629 χ^2/NDF : 18.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.330+/-0.547 χ^2/NDF : 205.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

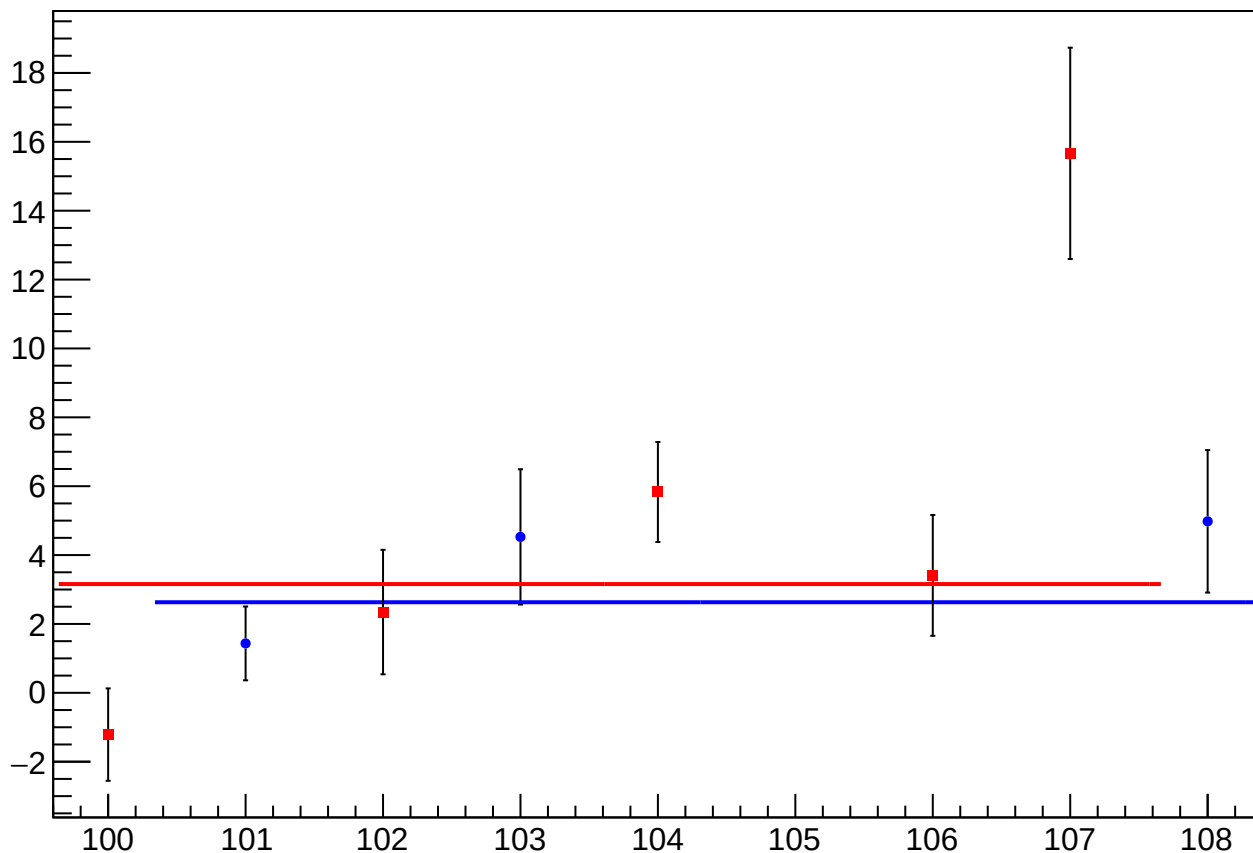
Right: -3.607+/-0.413 χ^2/NDF : 237.1/7

In: -5.295+/-0.629 χ^2/NDF : 18.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.607+/-0.413 χ^2/NDF : 237.1/7

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.630+/-0.856 χ^2/NDF : 3.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.158+/-0.752 χ^2/NDF : 30.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

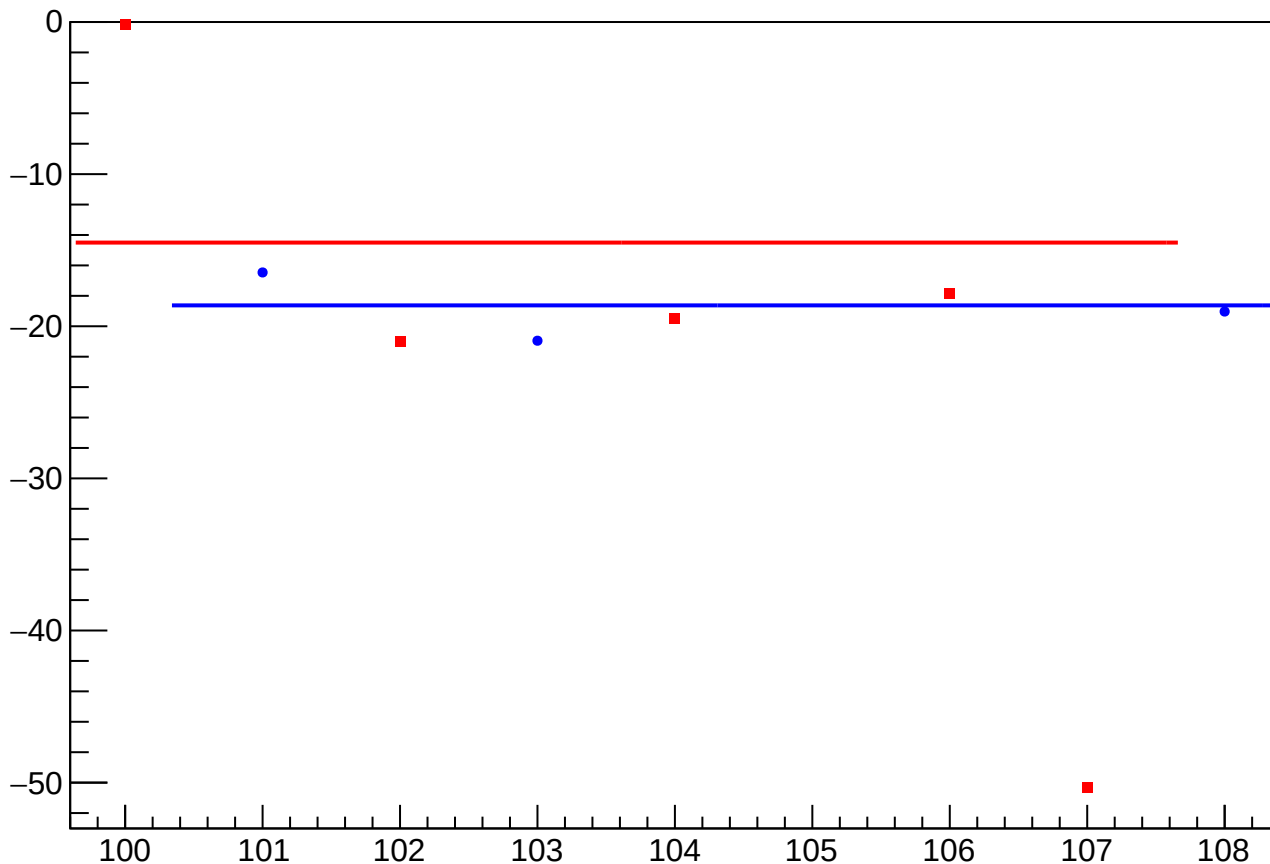
Right: 2.928+/-0.565 χ^2/NDF : 34.5/7

In: 2.630+/-0.856 χ^2/NDF : 3.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.928+/-0.565 χ^2/NDF : 34.5/7

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -18.627 $\pm$ 0.032 χ^2 /NDF: 4067.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -14.499 $\pm$ 0.026 χ^2 /NDF: 177124.0/4

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

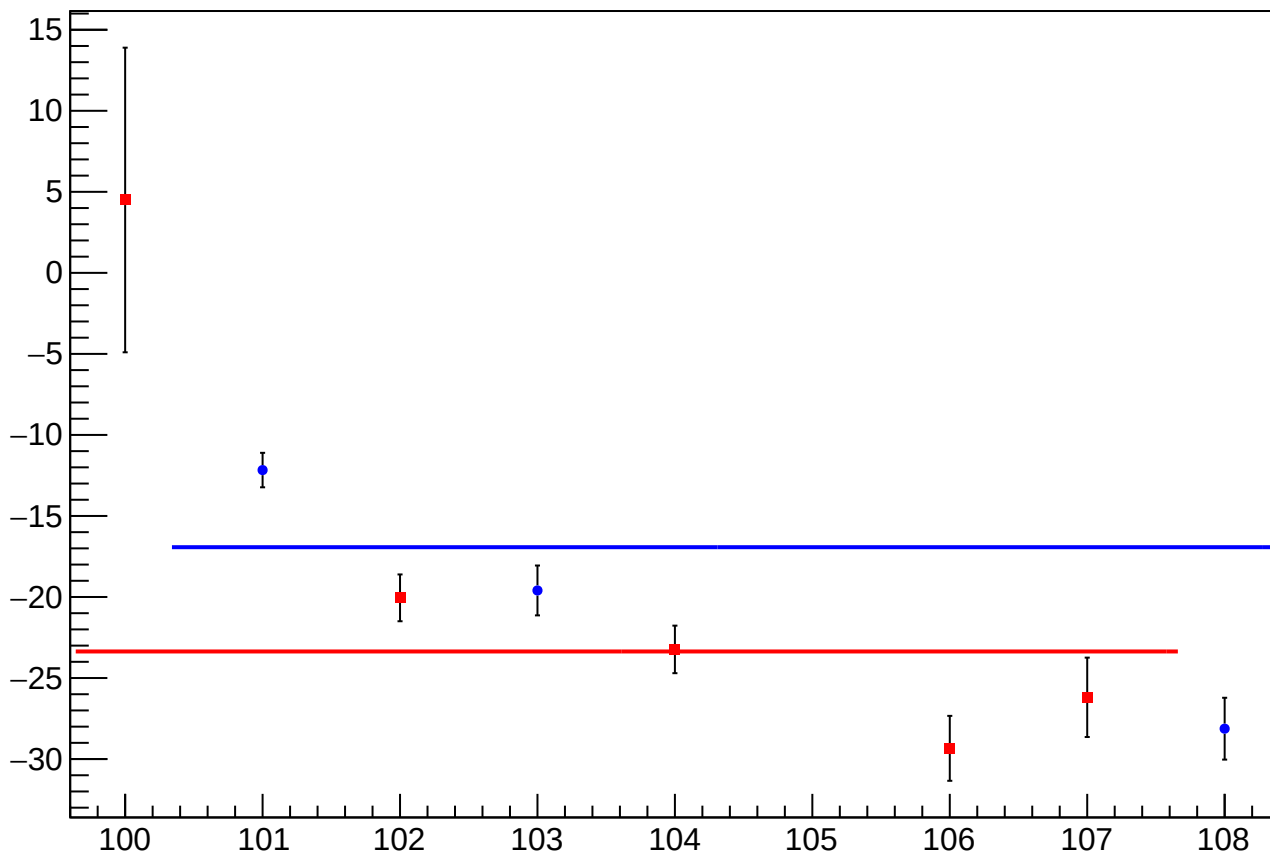
Right: -16.164 $\pm$ 0.020 χ^2 /NDF: 191414.2/7

In: -18.627 $\pm$ 0.032 χ^2 /NDF:4067.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -16.164 $\pm$ 0.020 χ^2 /NDF: 191414.2/7

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -16.927 ± 0.795 $\chi^2/\text{NDF}: 57.5/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -23.361 ± 0.854 $\chi^2/\text{NDF}: 24.3/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

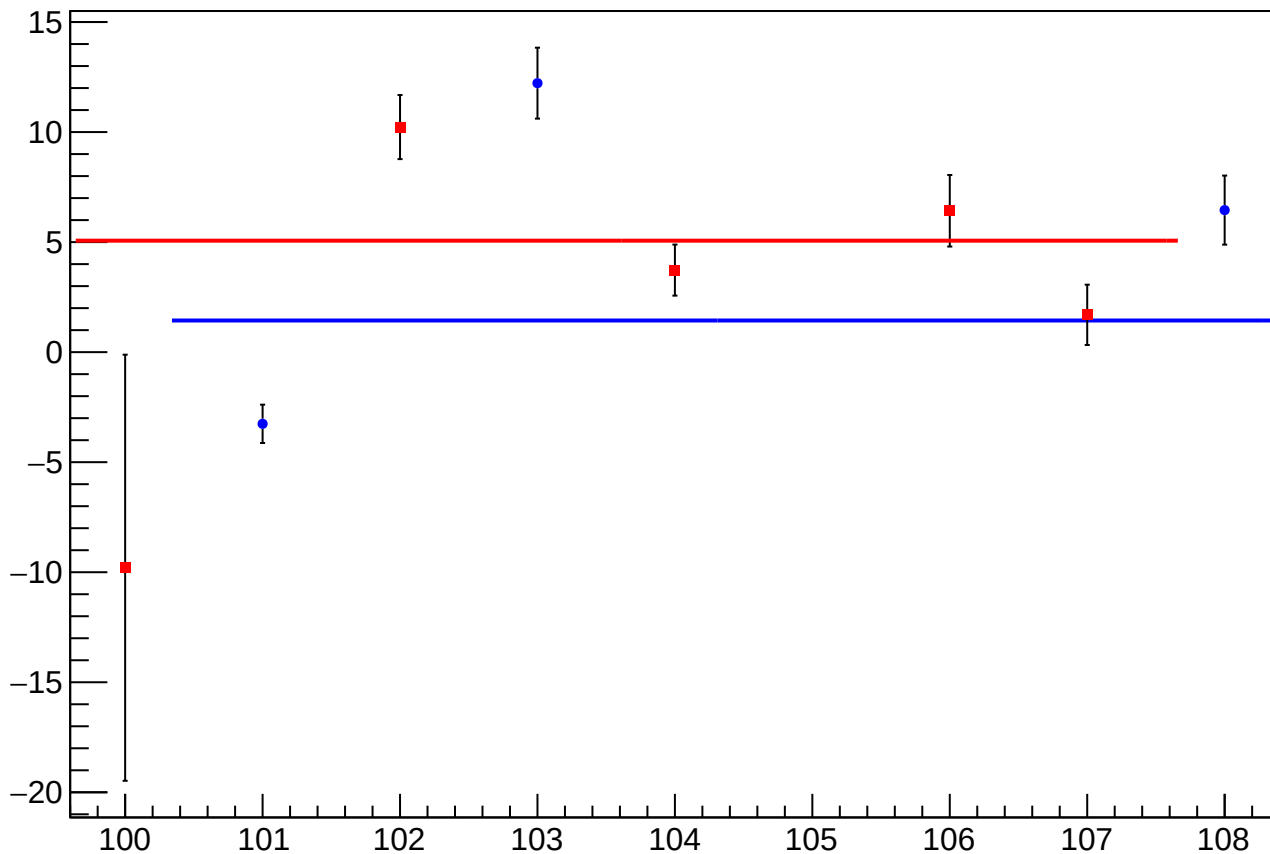
Right: -19.917 ± 0.582 $\chi^2/\text{NDF}: 112.2/7$

In: -16.927 ± 0.795 $\chi^2/\text{NDF}: 57.5/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -19.917 ± 0.582 $\chi^2/\text{NDF}: 112.2/7$

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.438+/-0.689 χ^2/NDF : 84.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.065+/-0.684 χ^2/NDF : 23.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

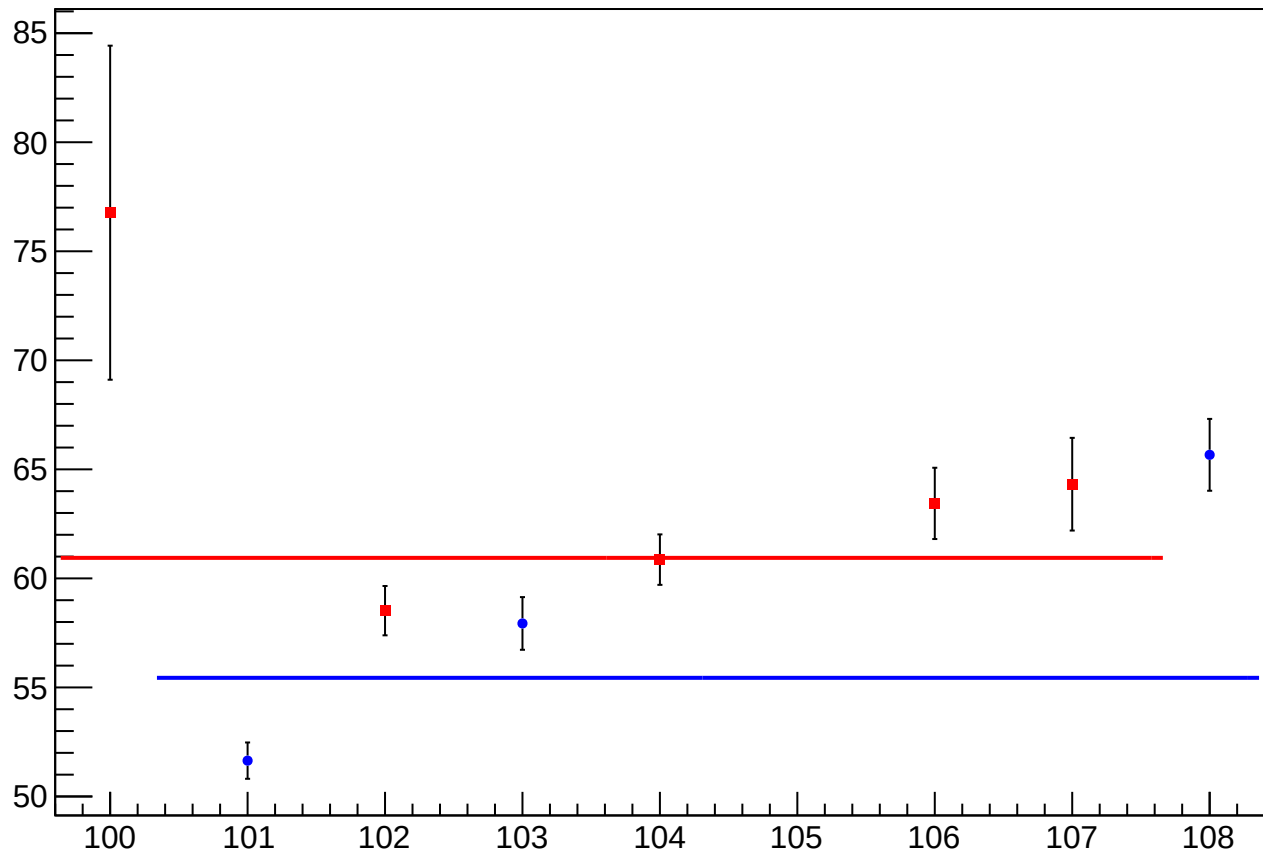
Right: 3.263+/-0.485 χ^2/NDF : 121.0/7

In: 1.438+/-0.689 χ^2/NDF : 84.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.263+/-0.485 χ^2/NDF : 121.0/7

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 55.441+/-0.633 χ^2/NDF : 63.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.941+/-0.683 χ^2/NDF : 13.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

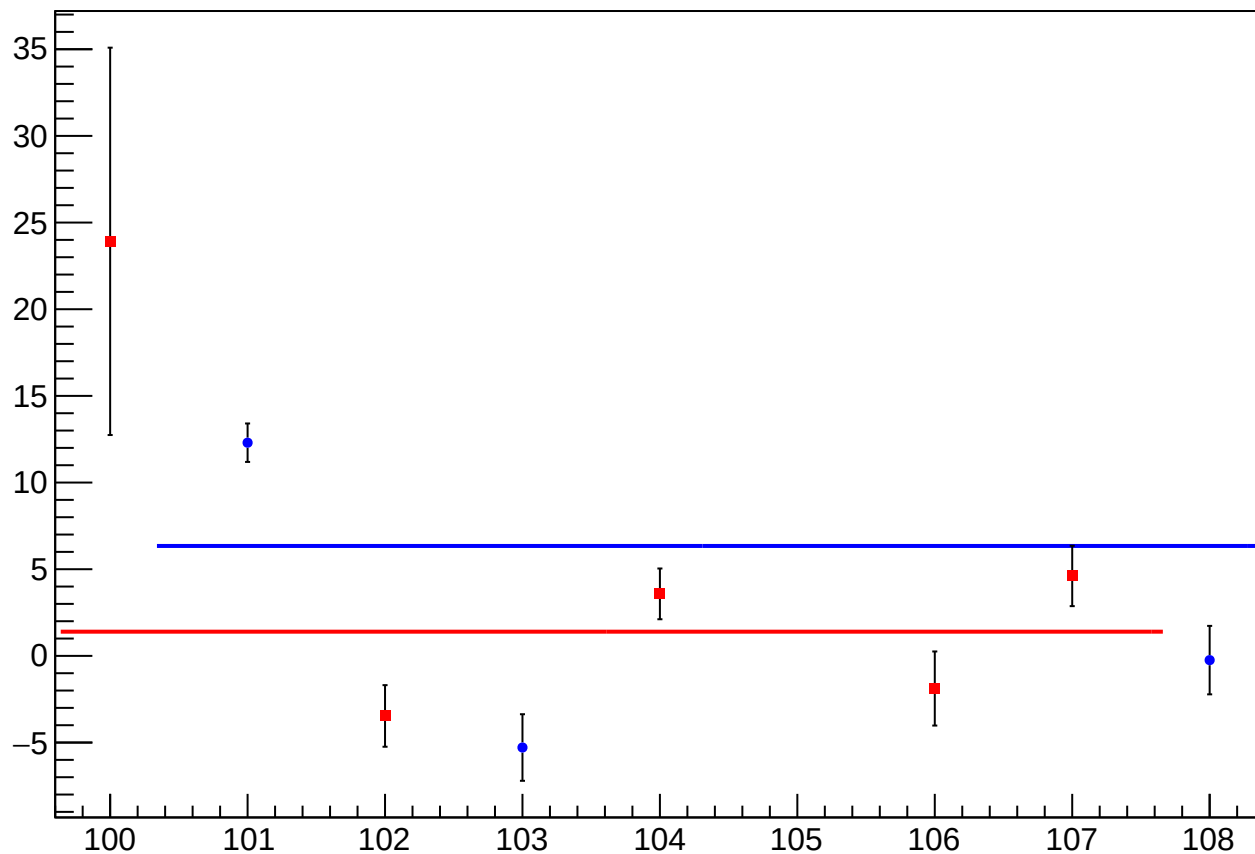
Right: 57.981+/-0.464 χ^2/NDF : 112.2/7

In: 55.441+/-0.633 χ^2/NDF : 63.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.981+/-0.464 χ^2/NDF : 112.2/7

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.342+/-0.864 χ^2/NDF : 76.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.397+/-0.864 χ^2/NDF : 19.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

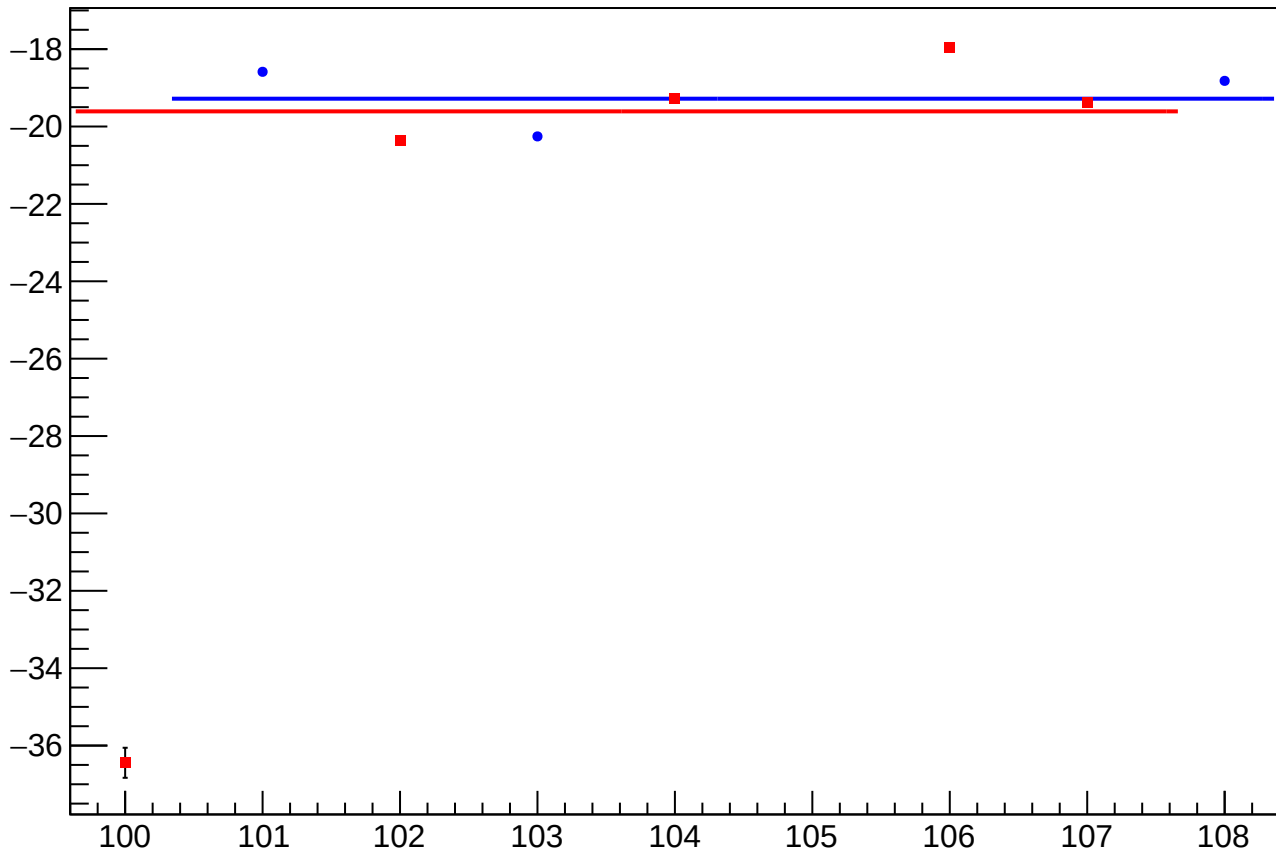
Right: 3.870+/-0.611 χ^2/NDF : 112.5/7

In: 6.342+/-0.864 χ^2/NDF : 76.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.870+/-0.611 χ^2/NDF : 112.5/7

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.281+/-0.031 χ^2/NDF : 616.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -19.609+/-0.031 χ^2/NDF : 2601.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

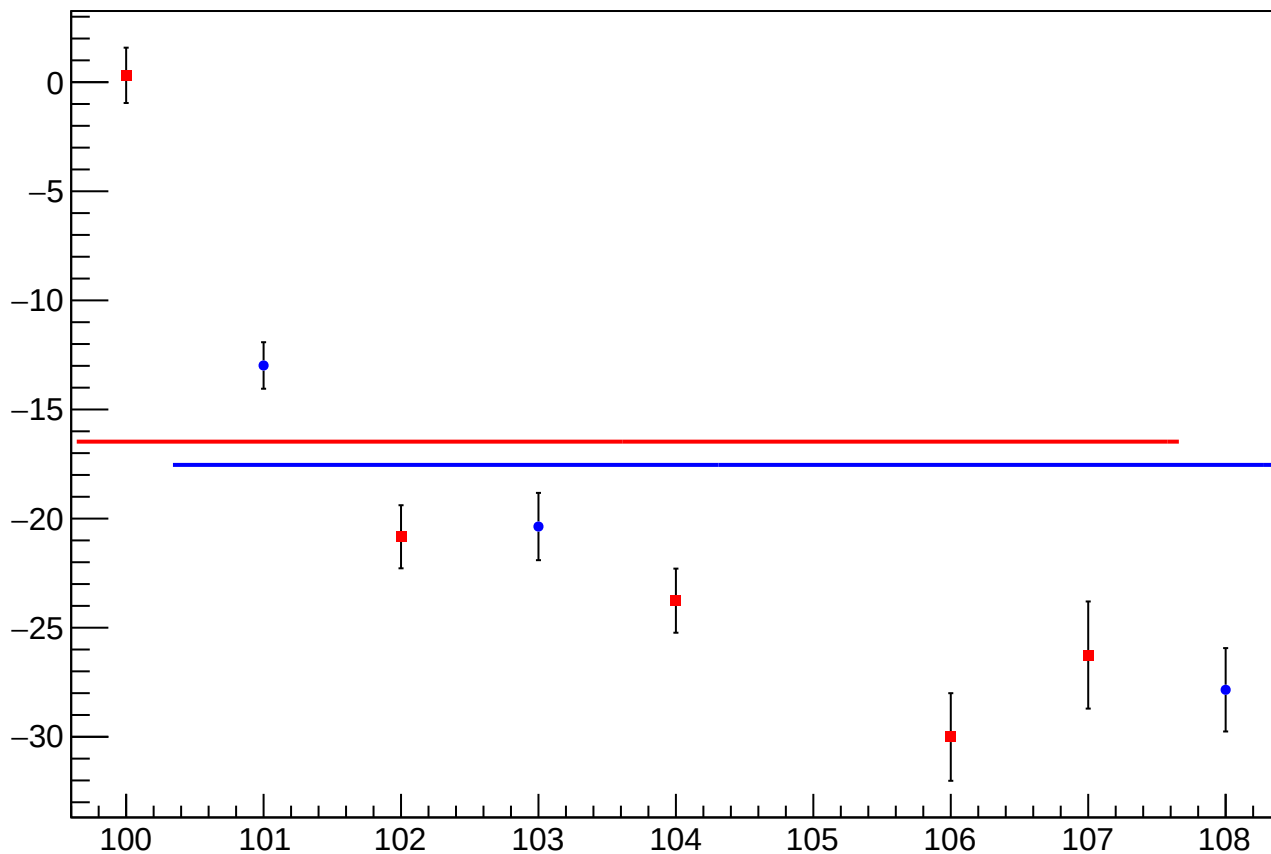
Right: -19.446+/-0.022 χ^2/NDF : 3272.6/7

In: -19.281+/-0.031 χ^2/NDF : 616.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.446+/-0.022 χ^2/NDF : 3272.6/7

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -17.539+/-0.797 χ^2/NDF : 50.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.473+/-0.711 χ^2/NDF : 270.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

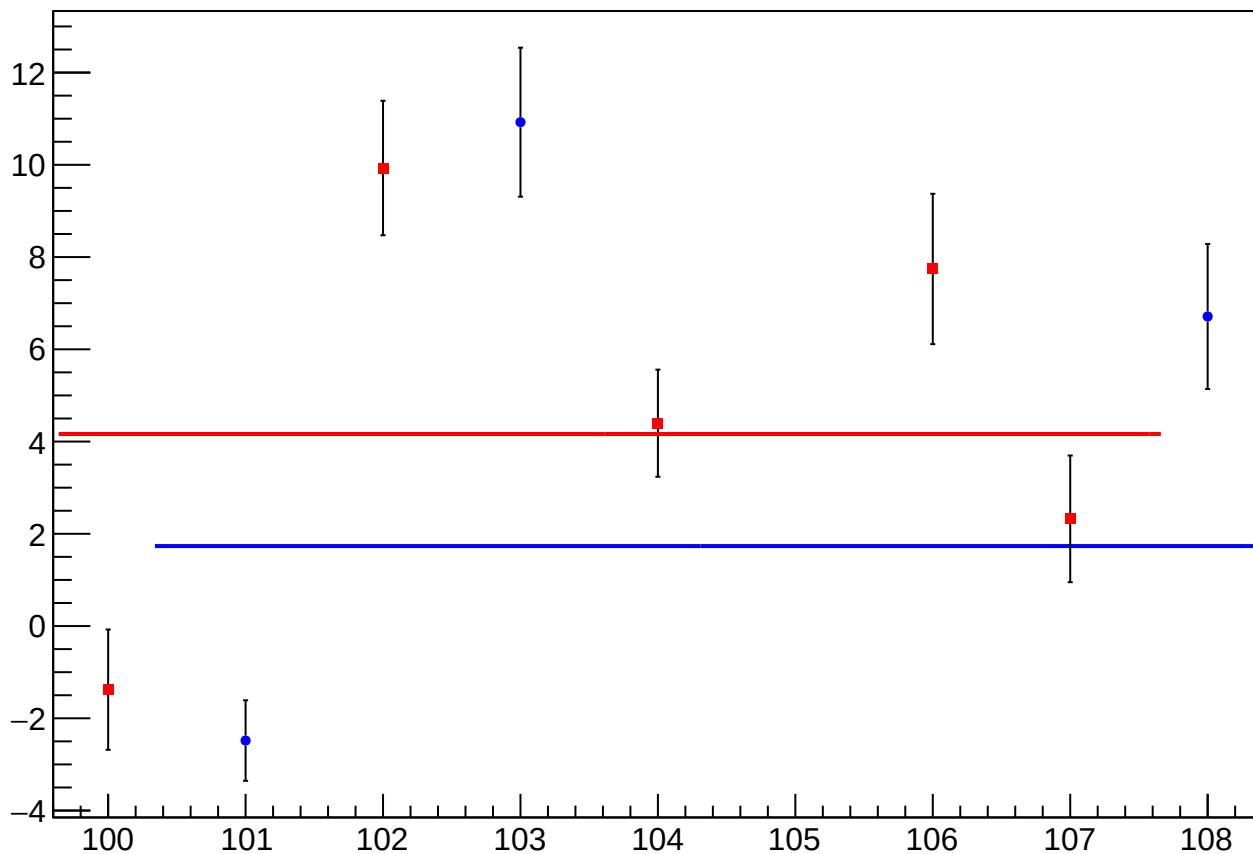
Right: -16.946+/-0.530 χ^2/NDF : 322.1/7

In: -17.539+/-0.797 χ^2/NDF : 50.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.946+/-0.530 χ^2/NDF : 322.1/7

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.734 $\pm$ 0.690 χ^2 /NDF: 65.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.164 $\pm$ 0.608 χ^2 /NDF: 40.4/4

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

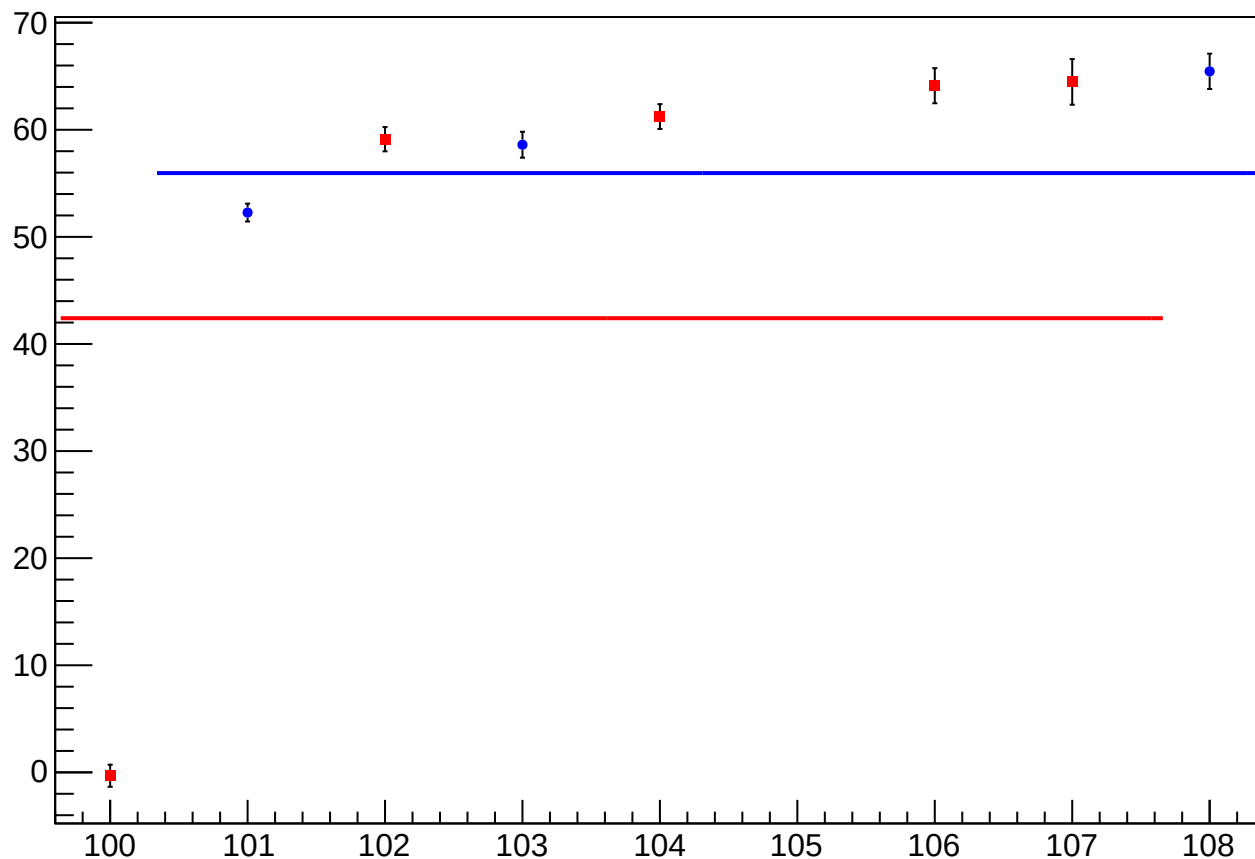
Right: 3.102 $\pm$ 0.456 χ^2 /NDF: 113.1/7

In: 1.734 $\pm$ 0.690 χ^2 /NDF: 65.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.102 $\pm$ 0.456 χ^2 /NDF: 113.1/7

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 55.956 $\pm$ 0.634 χ^2/NDF : 57.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 42.406 $\pm$ 0.572 χ^2/NDF : 2474.8/4

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

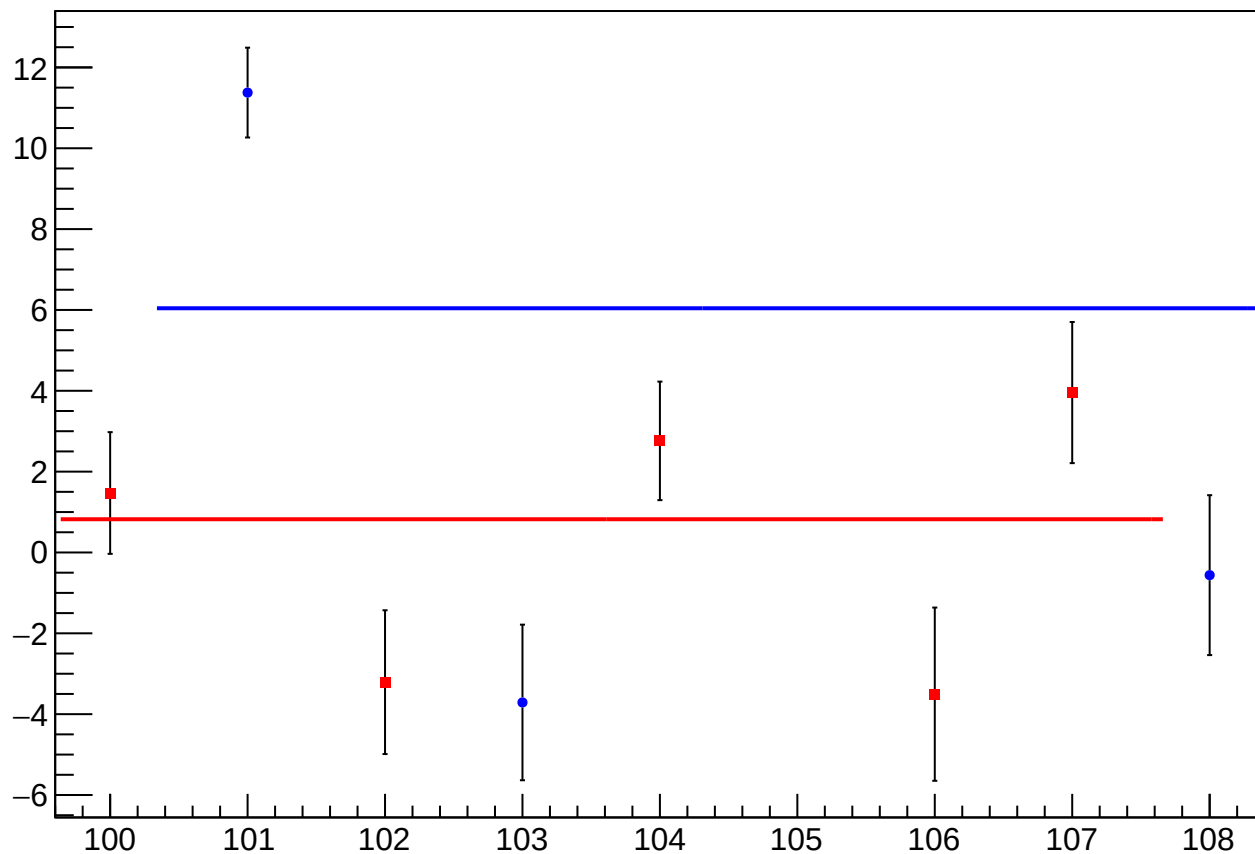
Right: 48.486 $\pm$ 0.425 χ^2/NDF : 2784.0/7

In: 55.956 $\pm$ 0.634 χ^2/NDF : 57.5/2

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 48.486 $\pm$ 0.425 χ^2/NDF : 2784.0/7

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.042 $\pm$ 0.865 χ^2 /NDF: 59.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.822 $\pm$ 0.752 χ^2 /NDF: 14.4/4

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

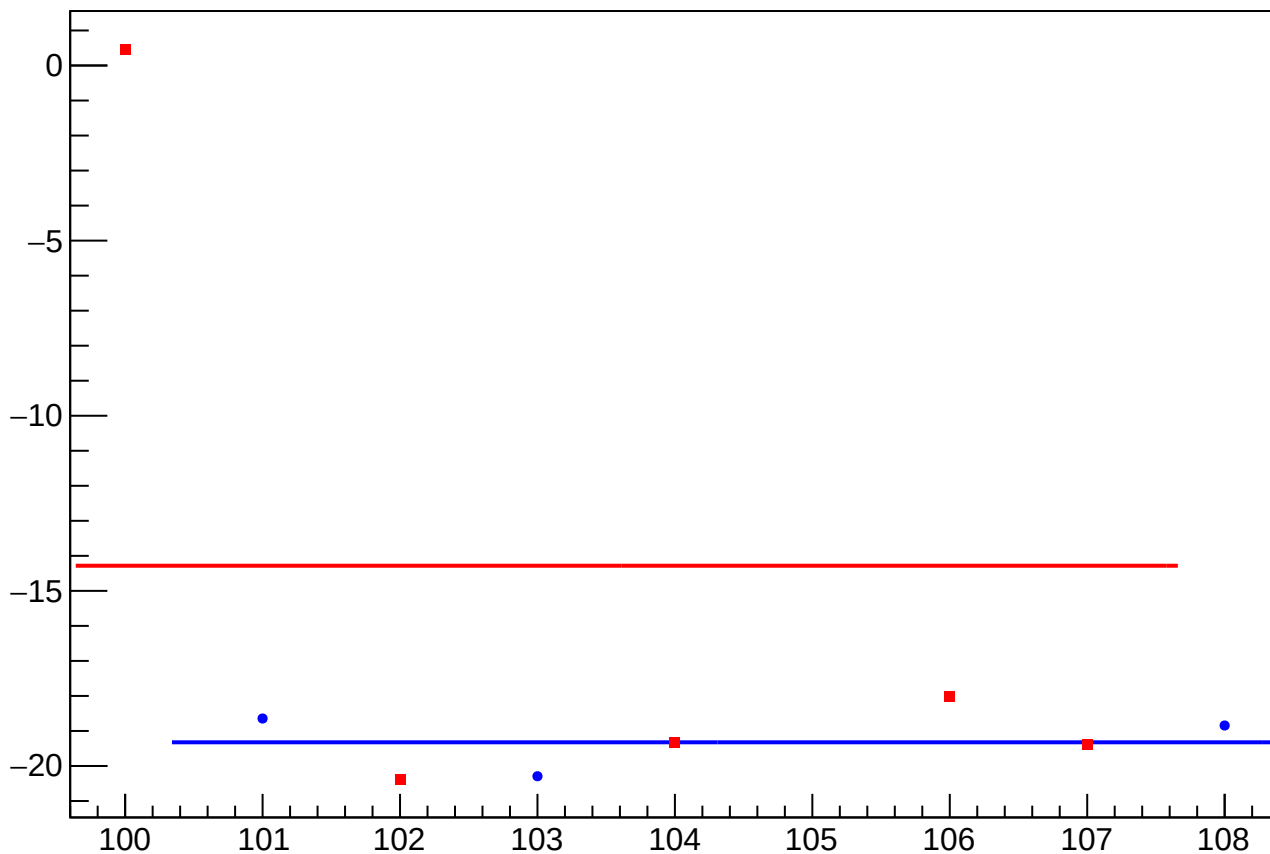
Right: 3.068 $\pm$ 0.568 χ^2 /NDF: 95.0/7

In: 6.042 $\pm$ 0.865 χ^2 /NDF:59.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.068 $\pm$ 0.568 χ^2 /NDF: 95.0/7

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.323 ± 0.031 χ^2/NDF : 604.5/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -14.282 ± 0.027 χ^2/NDF : 108299.3/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

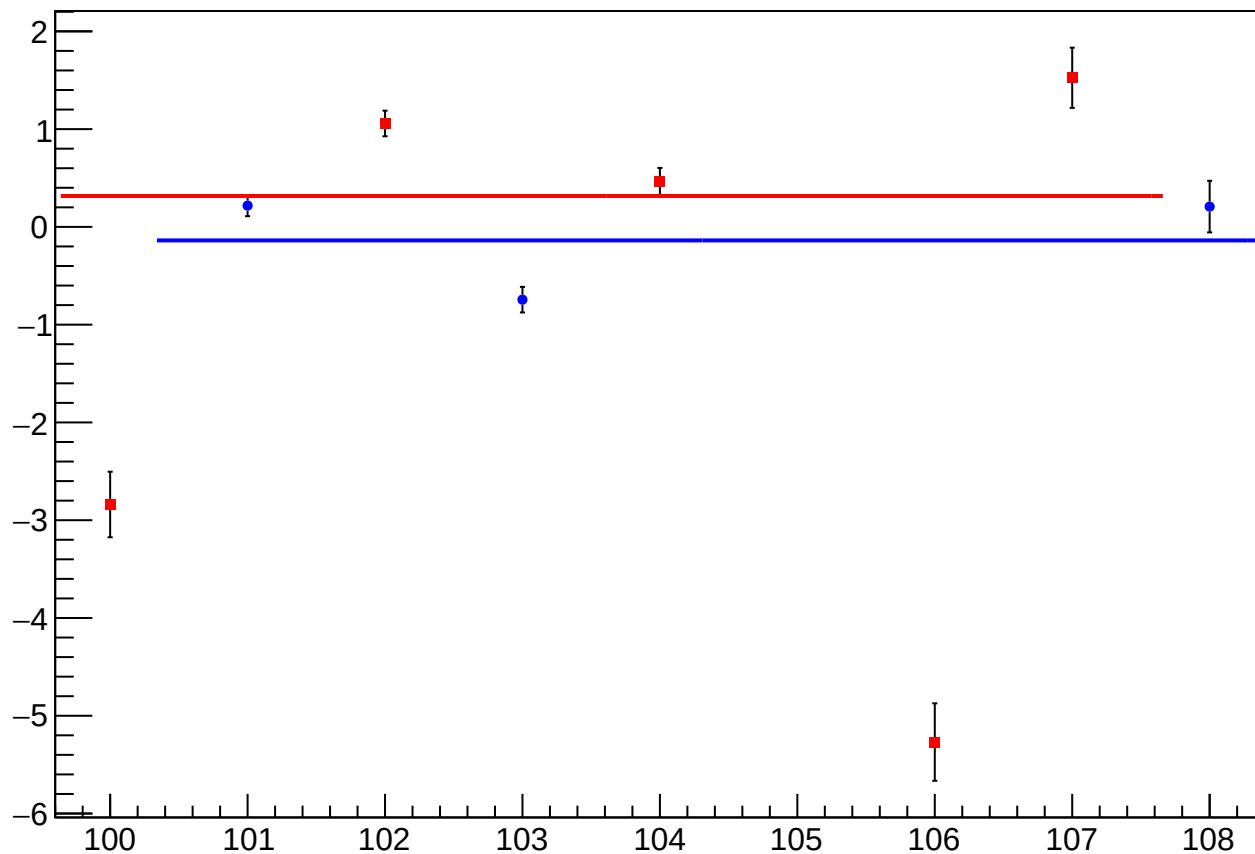
Right: -16.410 ± 0.020 χ^2/NDF : 123812.5/7

In: -19.323 ± 0.031 χ^2/NDF : 604.5/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.410 ± 0.020 χ^2/NDF : 123812.5/7

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.138 ± 0.079 $\chi^2/\text{NDF}: 34.0/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.316 ± 0.086 $\chi^2/\text{NDF}: 335.8/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

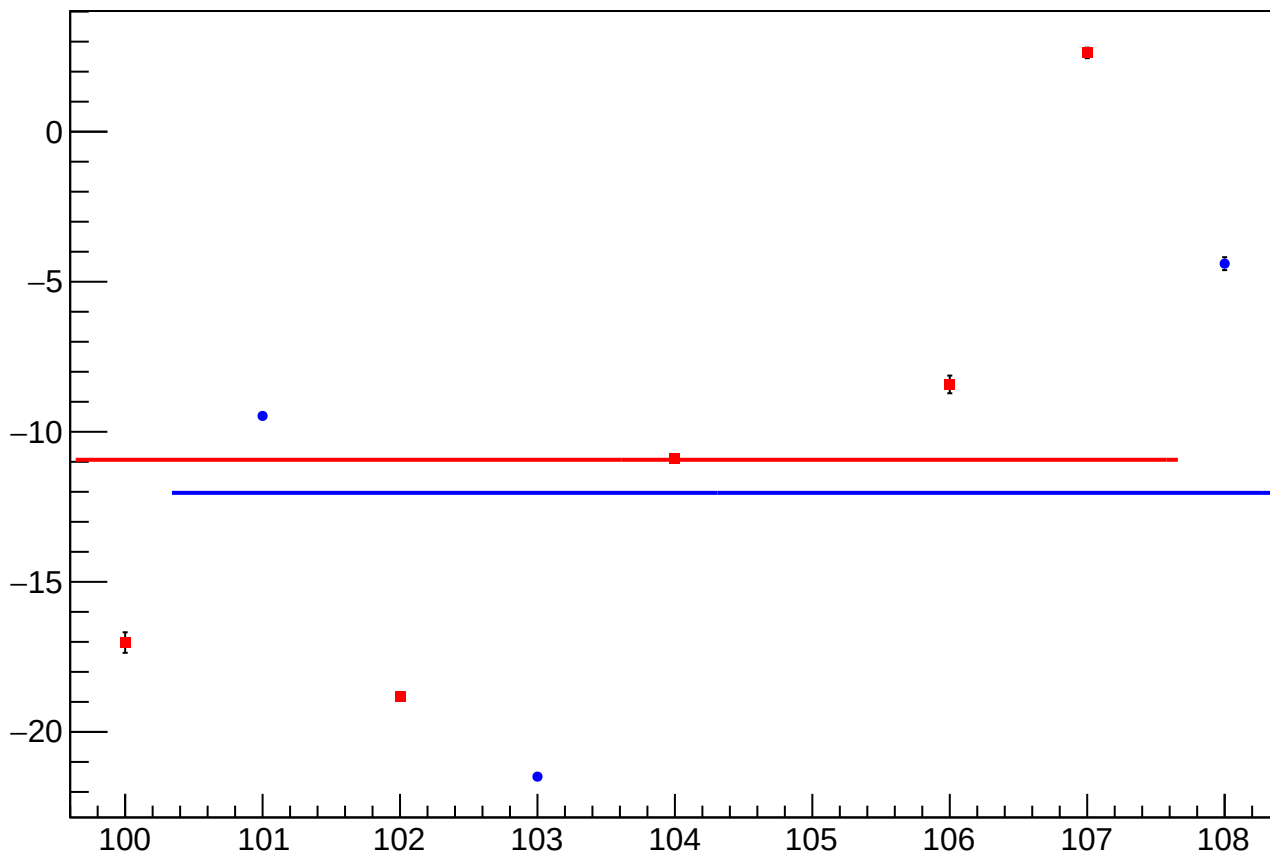
Right: 0.072 ± 0.058 $\chi^2/\text{NDF}: 384.9/7$

In: -0.138 ± 0.079 $\chi^2/\text{NDF}: 34.0/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.072 ± 0.058 $\chi^2/\text{NDF}: 384.9/7$

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.034 $\pm$ 0.071 χ^2 /NDF: 6740.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -10.932 $\pm$ 0.075 χ^2 /NDF: 9762.7/4

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

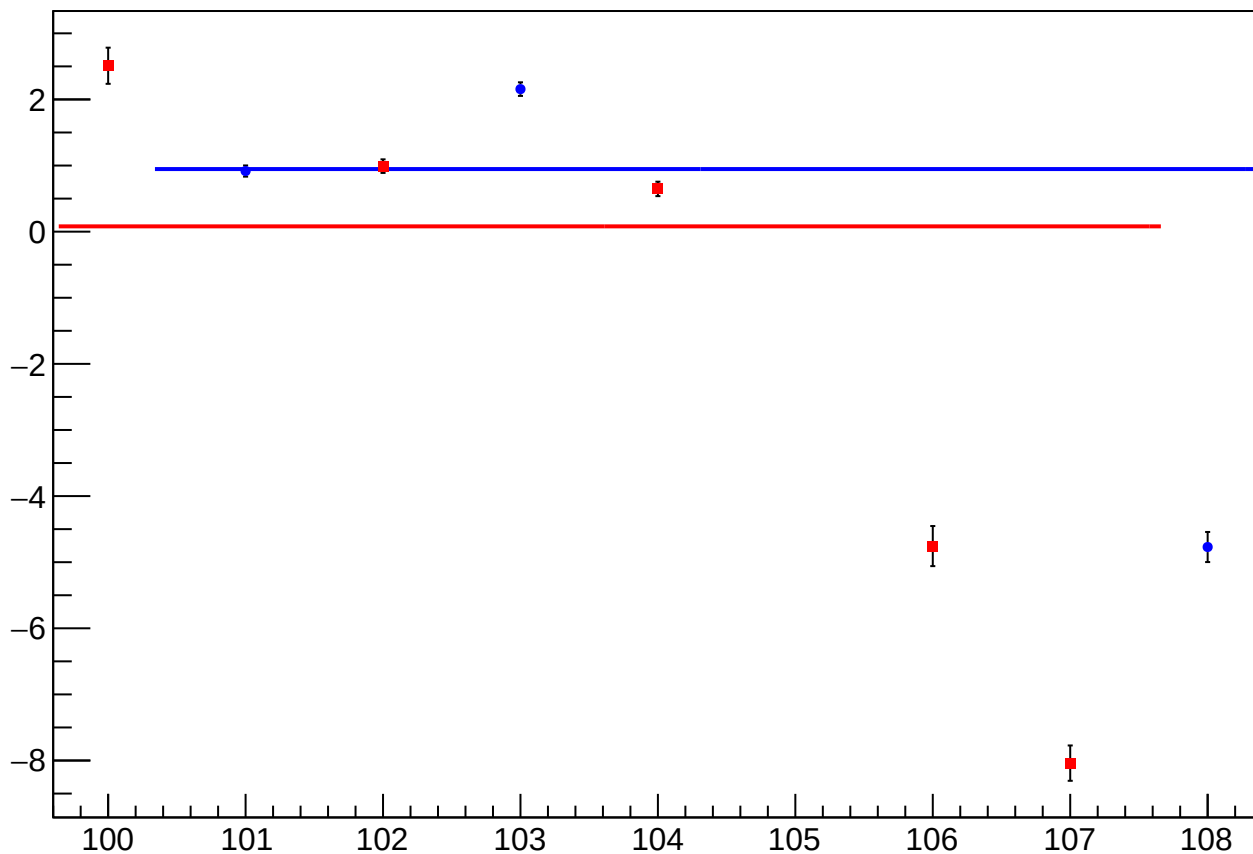
Right: -11.515 $\pm$ 0.051 χ^2 /NDF: 16618.2/7

In: -12.034 $\pm$ 0.071 χ^2 /NDF: 6740.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -11.515 $\pm$ 0.051 χ^2 /NDF: 16618.2/7

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.947 $\pm$ 0.063 χ^2 /NDF: 769.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.080 $\pm$ 0.068 χ^2 /NDF: 1362.0/4

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

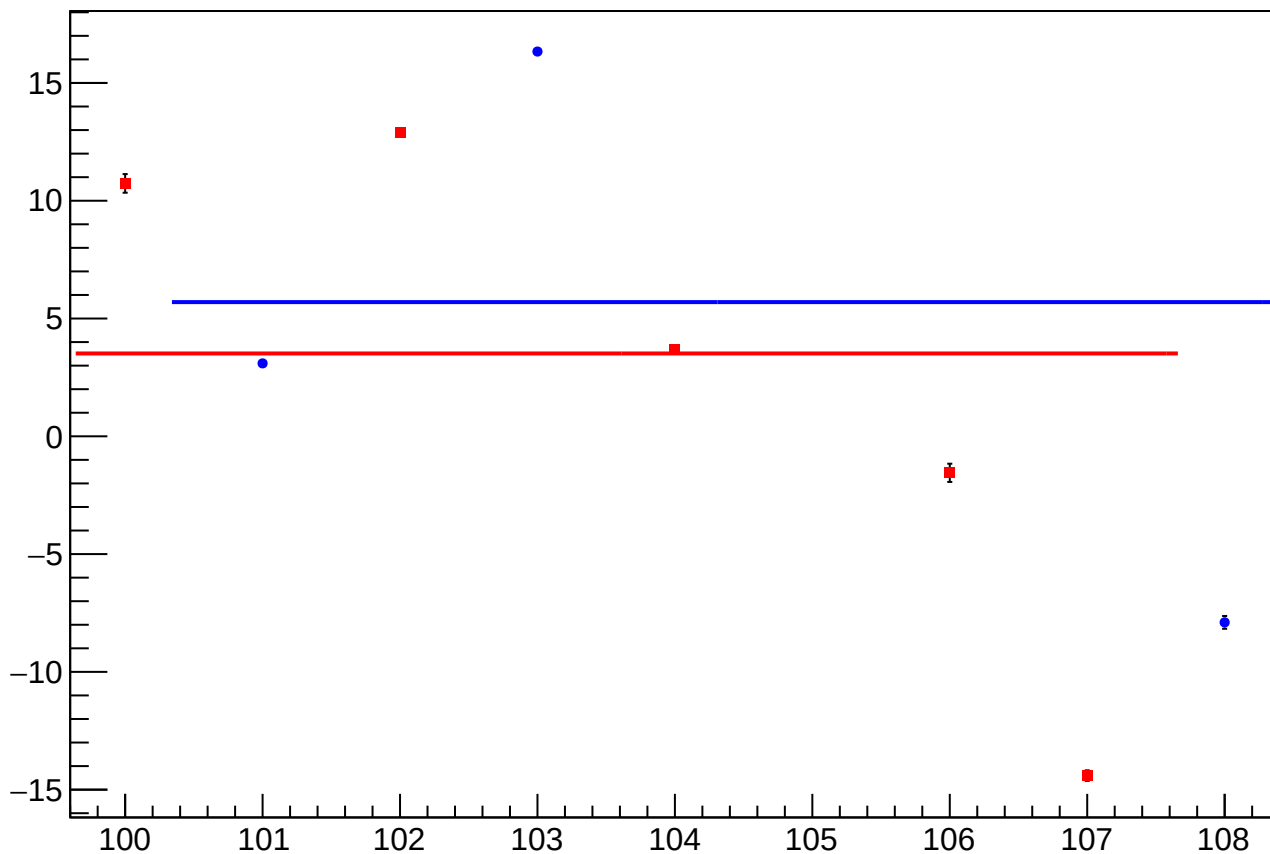
Right: 0.548 $\pm$ 0.046 χ^2 /NDF: 2219.0/7

In: 0.947 $\pm$ 0.063 χ^2 /NDF:769.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.548 $\pm$ 0.046 χ^2 /NDF: 2219.0/7

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.697+/-0.088 χ^2/NDF : 7220.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.517+/-0.093 χ^2/NDF : 10257.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

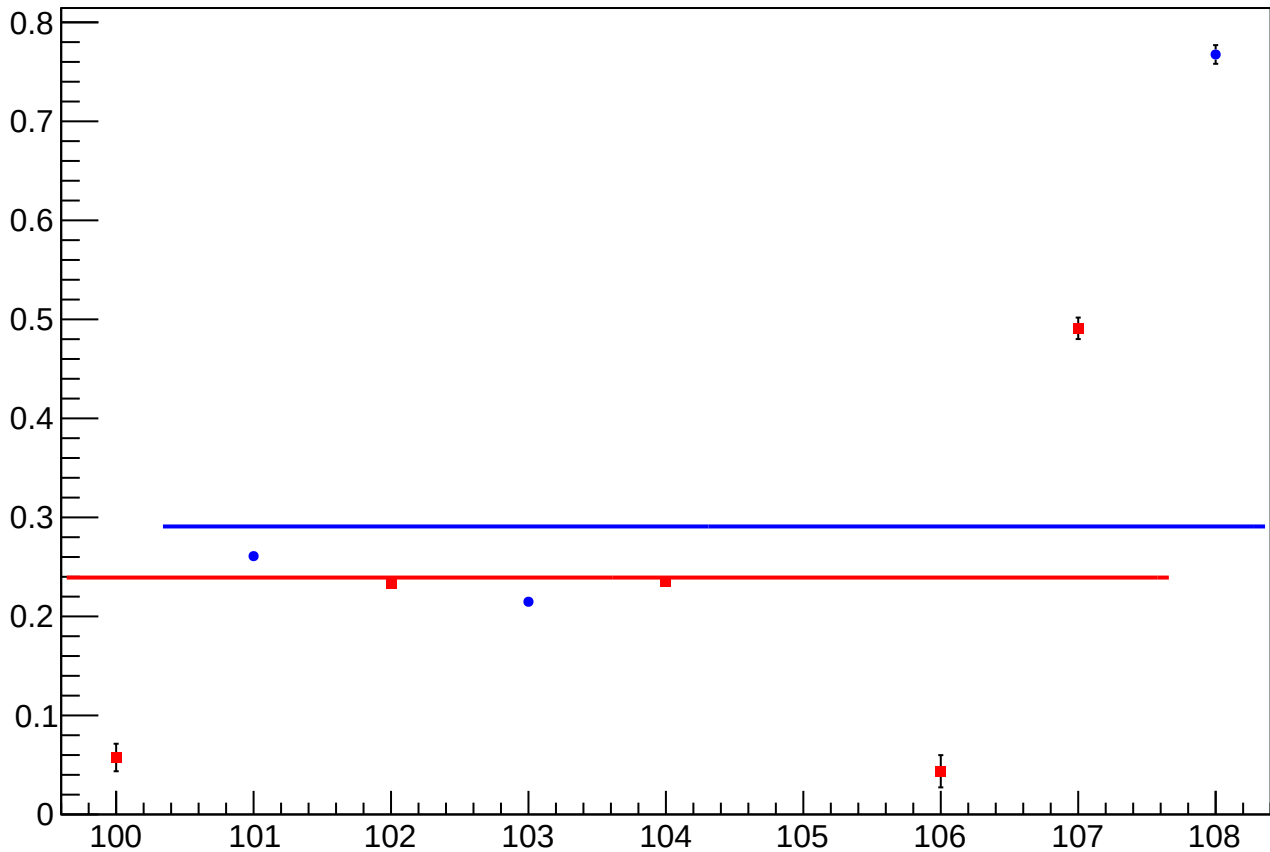
Right: 4.666+/-0.064 χ^2/NDF : 17769.7/7

In: 5.697+/-0.088 χ^2/NDF : 7220.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.666+/-0.064 χ^2/NDF : 17769.7/7

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.291+/-0.003 χ^2/NDF : 2908.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.239+/-0.003 χ^2/NDF : 855.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

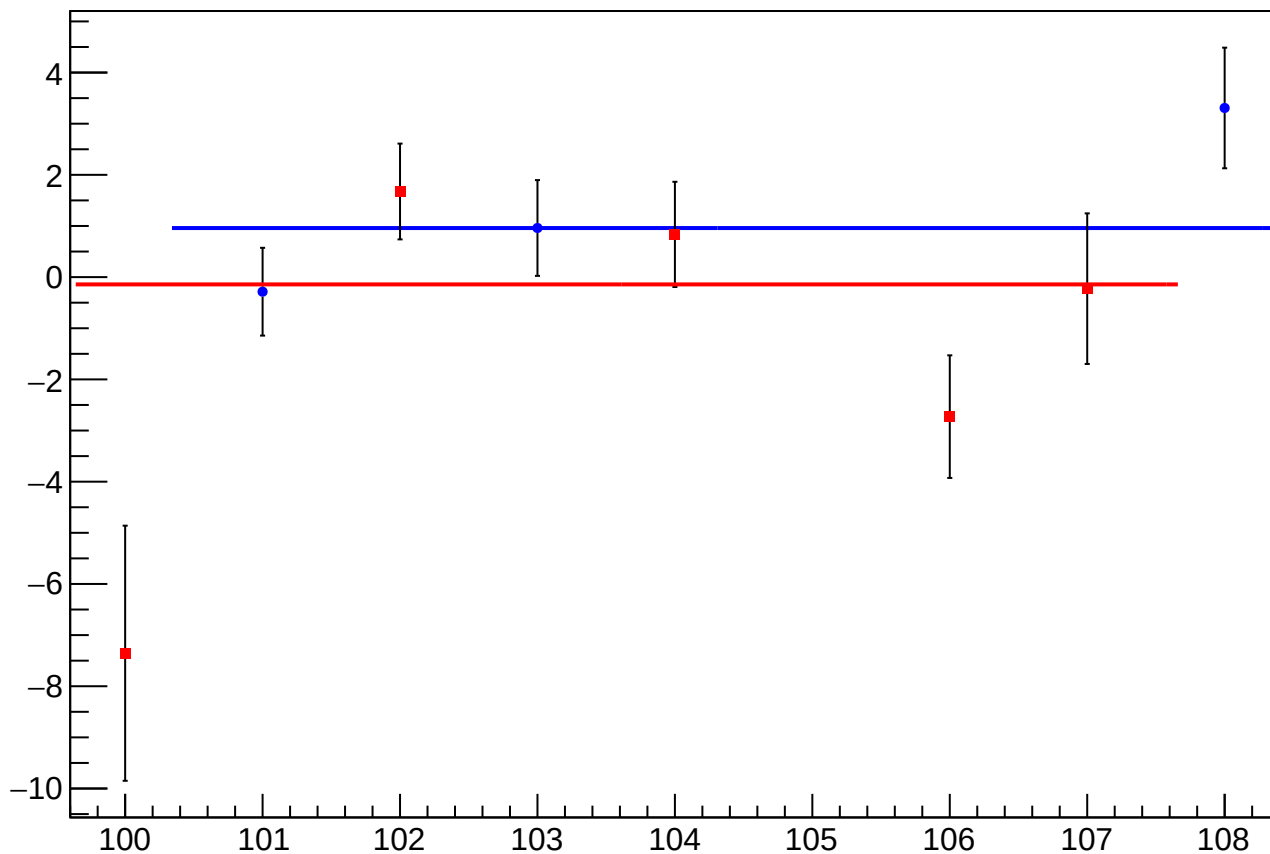
Right: 0.265+/-0.002 χ^2/NDF : 3904.2/7

In: 0.291+/-0.003 χ^2/NDF : 2908.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.265+/-0.002 χ^2/NDF : 3904.2/7

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.960+/-0.558 χ^2/NDF : 6.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.142+/-0.542 χ^2/NDF : 17.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

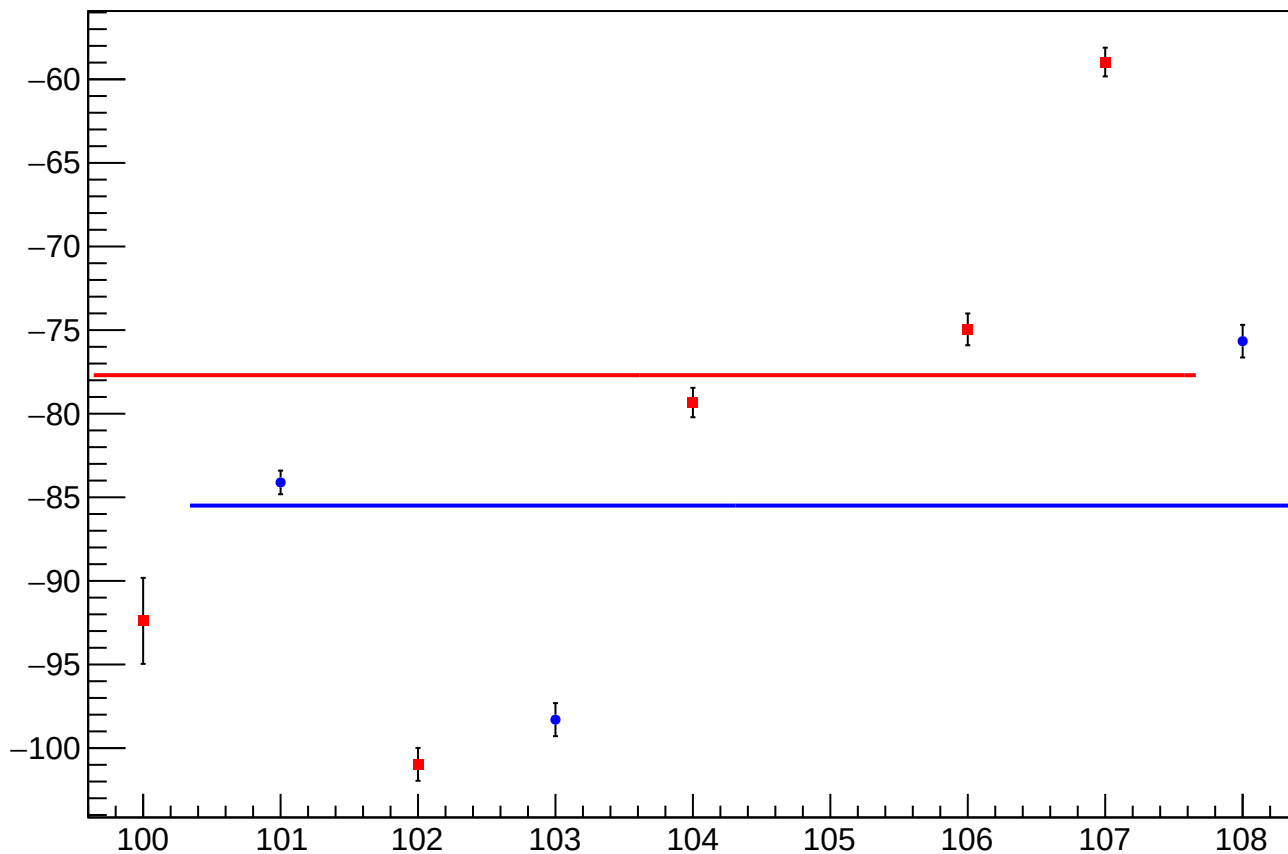
Right: 0.393+/-0.389 χ^2/NDF : 25.8/7

In: 0.960+/-0.558 χ^2/NDF : 6.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.393+/-0.389 χ^2/NDF : 25.8/7

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -85.496±/0.495 χ^2/NDF : 273.0/2

Left Out: 0.000±/0.000 χ^2/NDF : 0.0/0

Right Out: -77.698±/0.450 χ^2/NDF : 1080.3/4

Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

Left: 0.000±/0.000 χ^2/NDF : 0.0/0

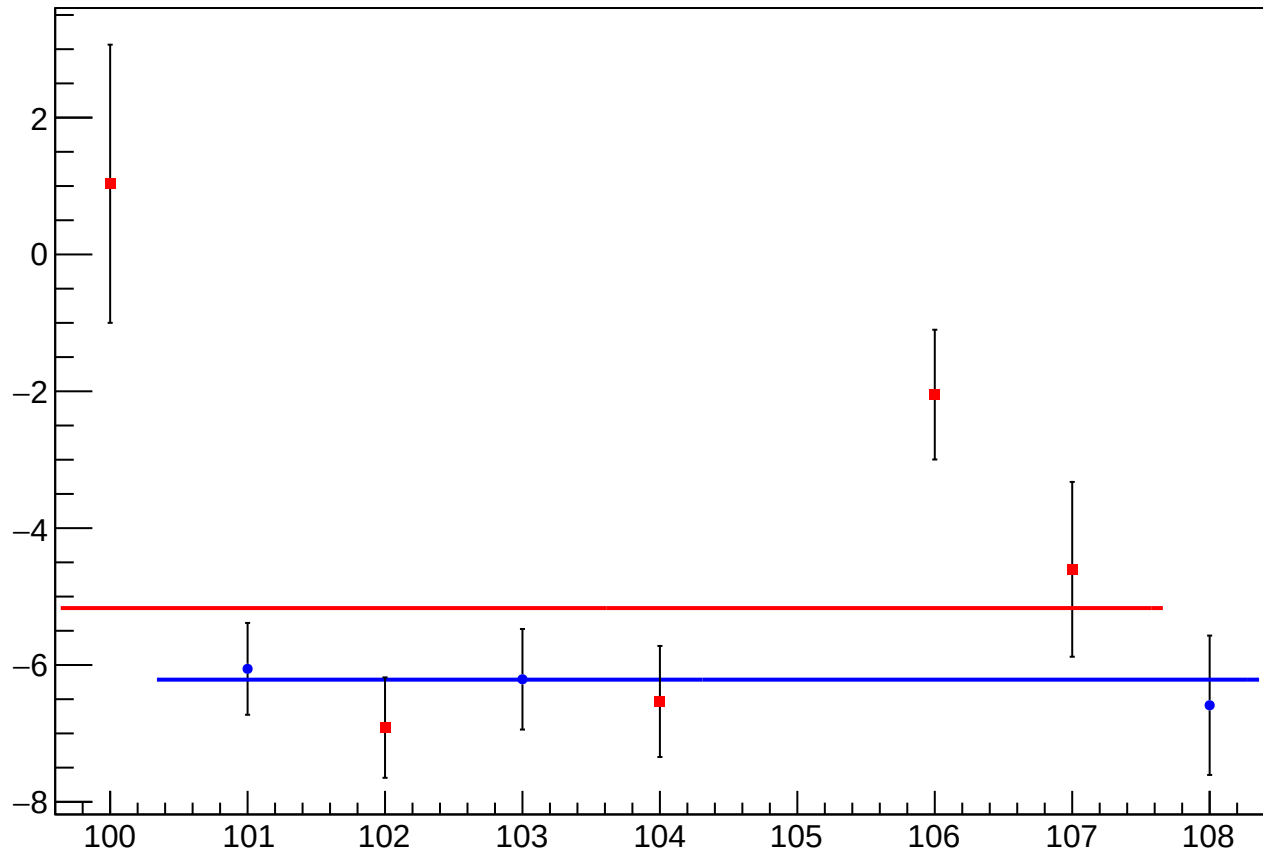
Right: -81.224±/0.333 χ^2/NDF : 1489.1/7

In: -85.496±/0.495 χ^2/NDF : 273.0/2

Out: 0.000±/0.000 χ^2/NDF : 0.0/0

All: -81.224±/0.333 χ^2/NDF : 1489.1/7

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -6.214 $\pm$ 0.446 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -5.168 $\pm$ 0.433 χ^2 /NDF: 28.8/4

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

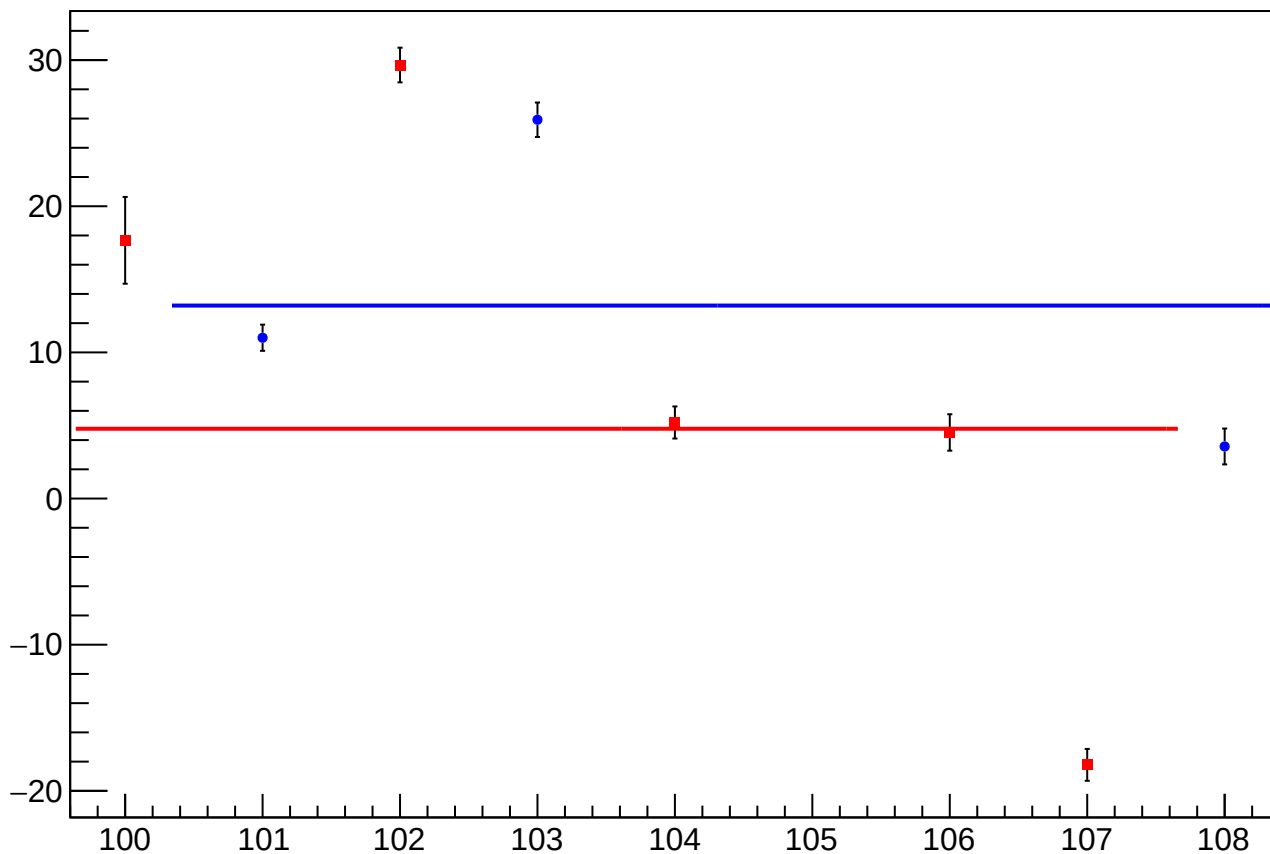
Right: -5.676 $\pm$ 0.310 χ^2 /NDF: 31.9/7

In: -6.214 $\pm$ 0.446 χ^2 /NDF: 0.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -5.676 $\pm$ 0.310 χ^2 /NDF: 31.9/7

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.205+/-0.617 χ^2/NDF : 184.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.776+/-0.565 χ^2/NDF : 903.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

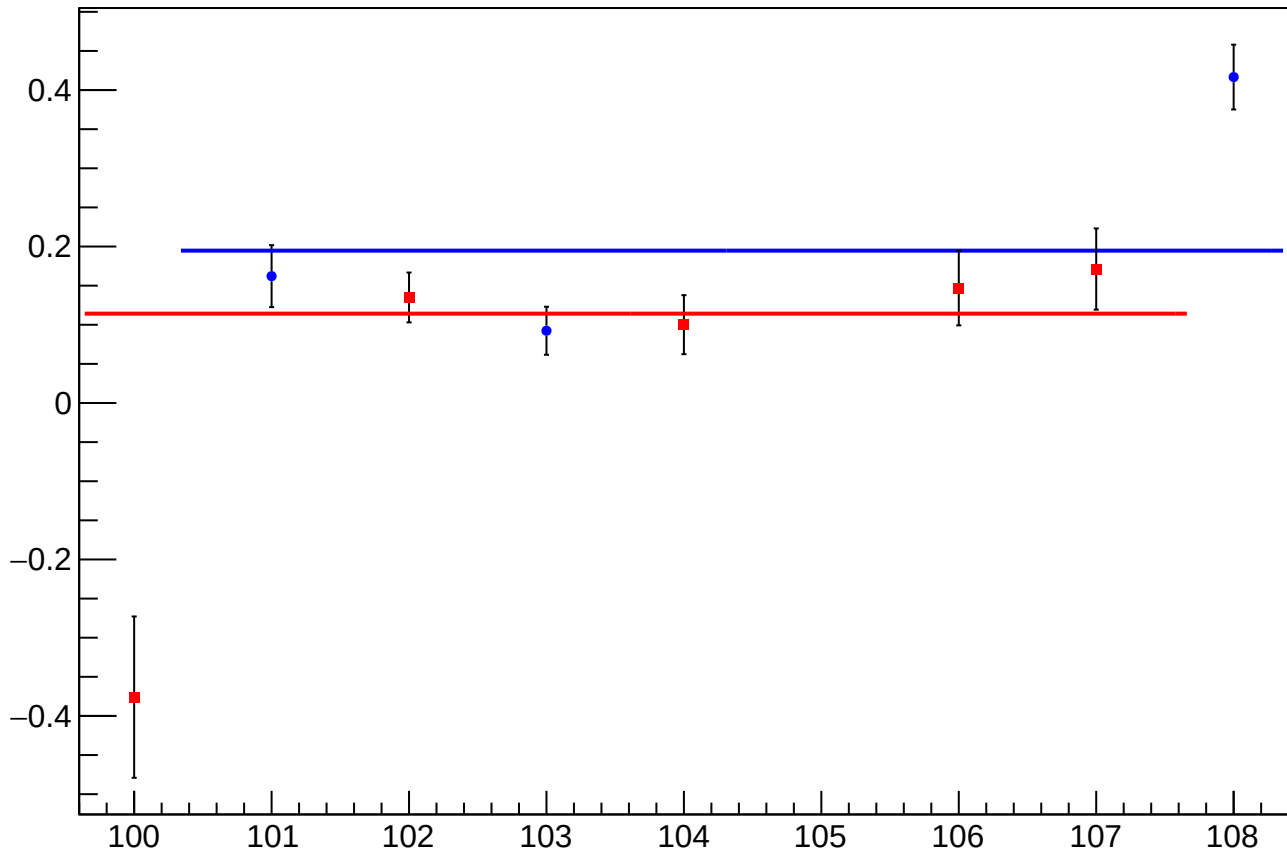
Right: 8.620+/-0.416 χ^2/NDF : 1189.6/7

In: 13.205+/-0.617 χ^2/NDF : 184.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.620+/-0.416 χ^2/NDF : 1189.6/7

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.195 $\pm$ 0.021 χ^2 /NDF: 40.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.114 $\pm$ 0.020 χ^2 /NDF: 24.8/4

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

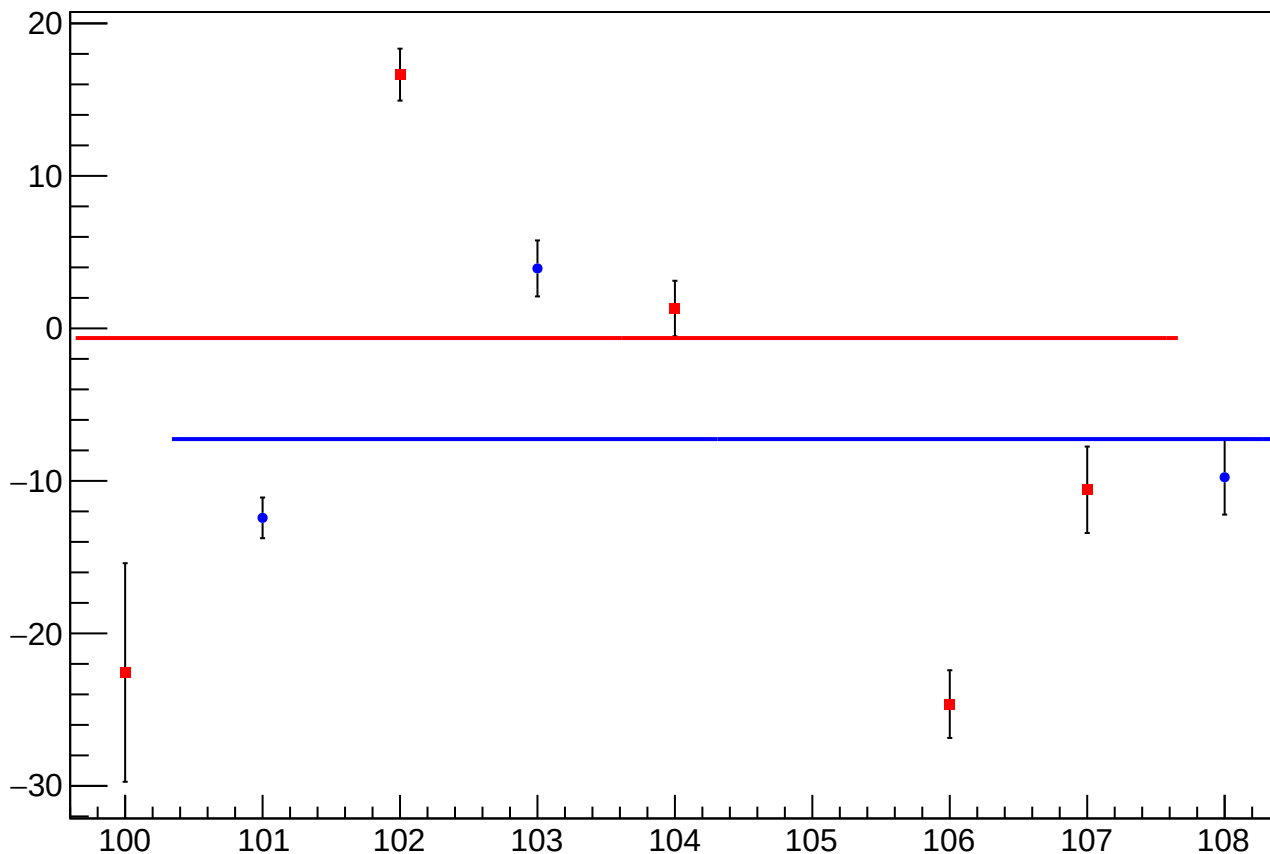
Right: 0.152 $\pm$ 0.014 χ^2 /NDF: 73.2/7

In: 0.195 $\pm$ 0.021 χ^2 /NDF: 40.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.152 $\pm$ 0.014 χ^2 /NDF: 73.2/7

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -7.259+/-0.987 χ^2/NDF : 53.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.633+/-1.004 χ^2/NDF : 242.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

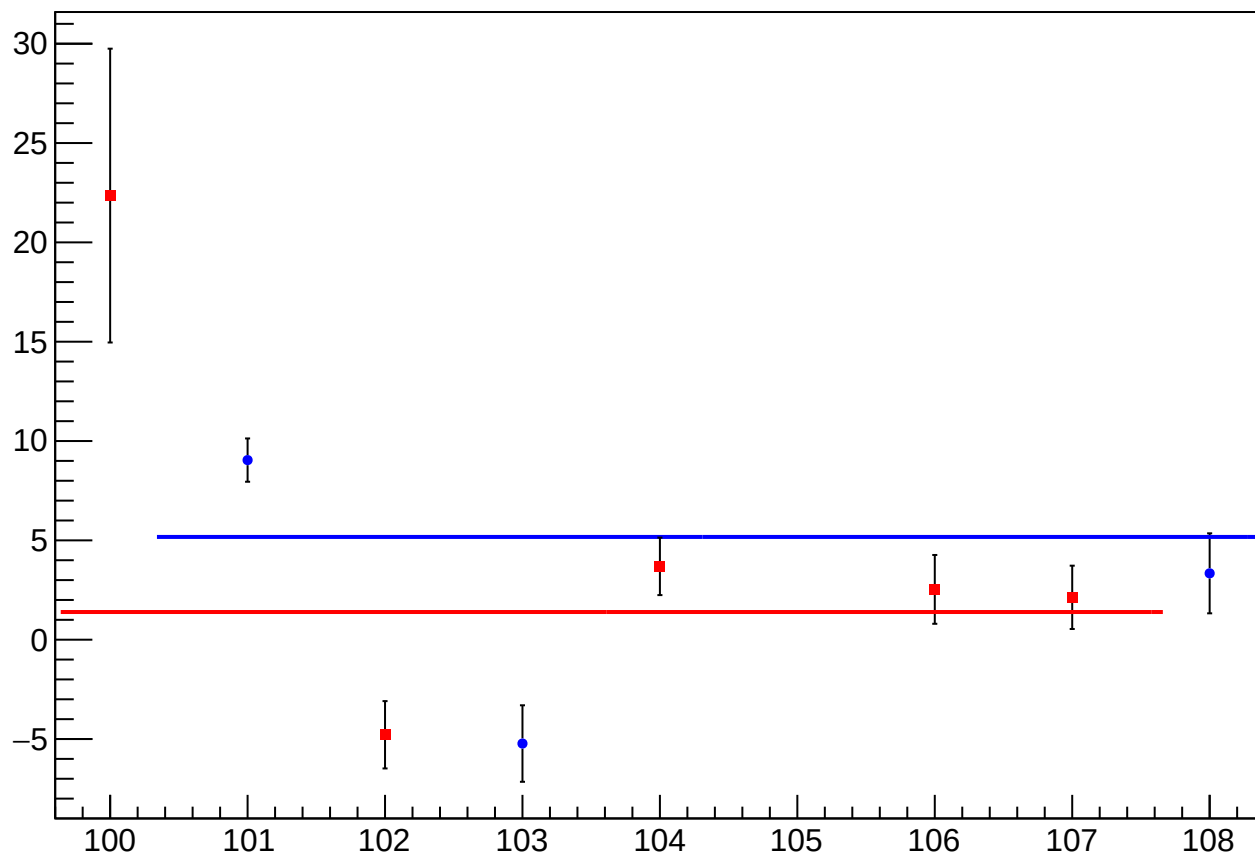
Right: -3.999+/-0.704 χ^2/NDF : 318.1/7

In: -7.259+/-0.987 χ^2/NDF : 53.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.999+/-0.704 χ^2/NDF : 318.1/7

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.173+/-0.858 χ^2/NDF : 42.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.393+/-0.798 χ^2/NDF : 24.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

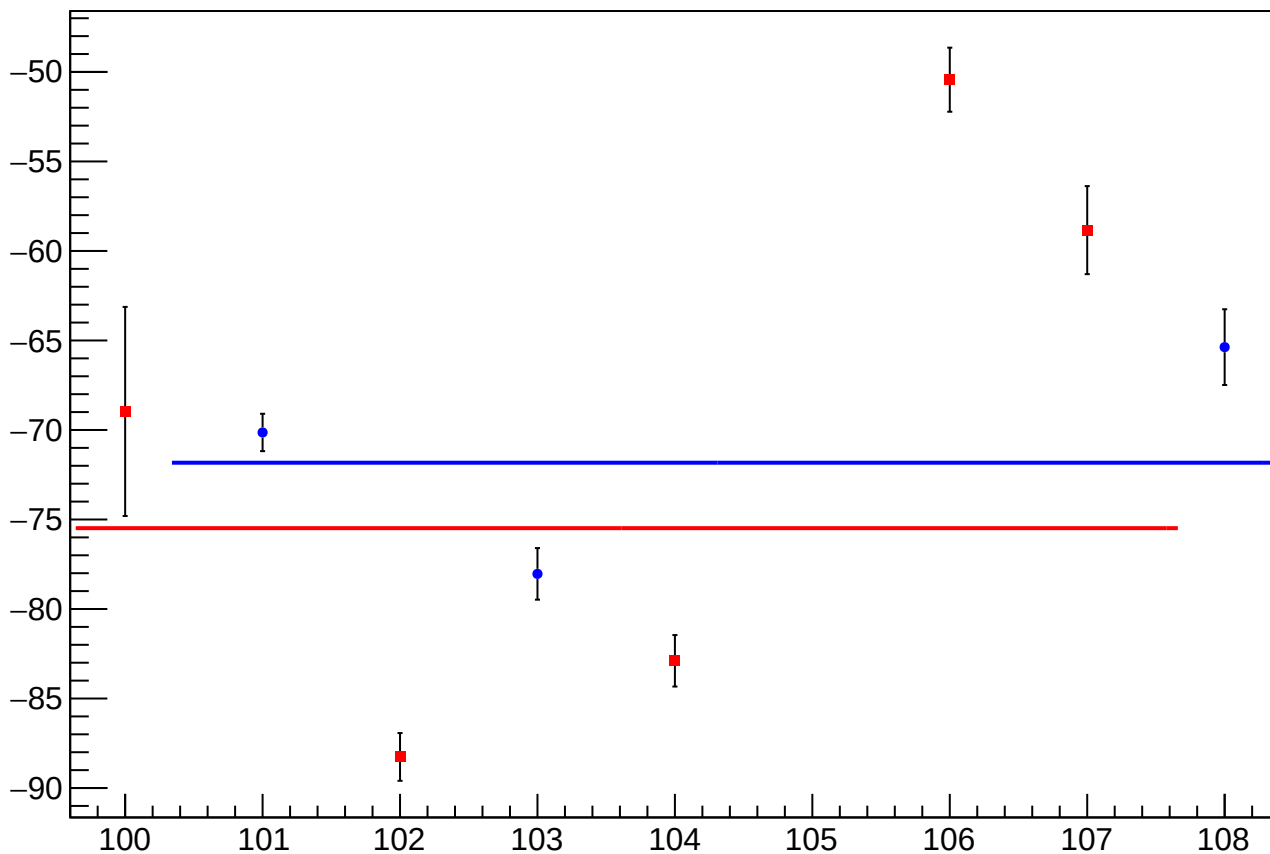
Right: 3.146+/-0.584 χ^2/NDF : 77.5/7

In: 5.173+/-0.858 χ^2/NDF : 42.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.146+/-0.584 χ^2/NDF : 77.5/7

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -71.828 $\pm$ 0.785 χ^2 /NDF: 30.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -75.484 $\pm$ 0.802 χ^2 /NDF: 361.5/4

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

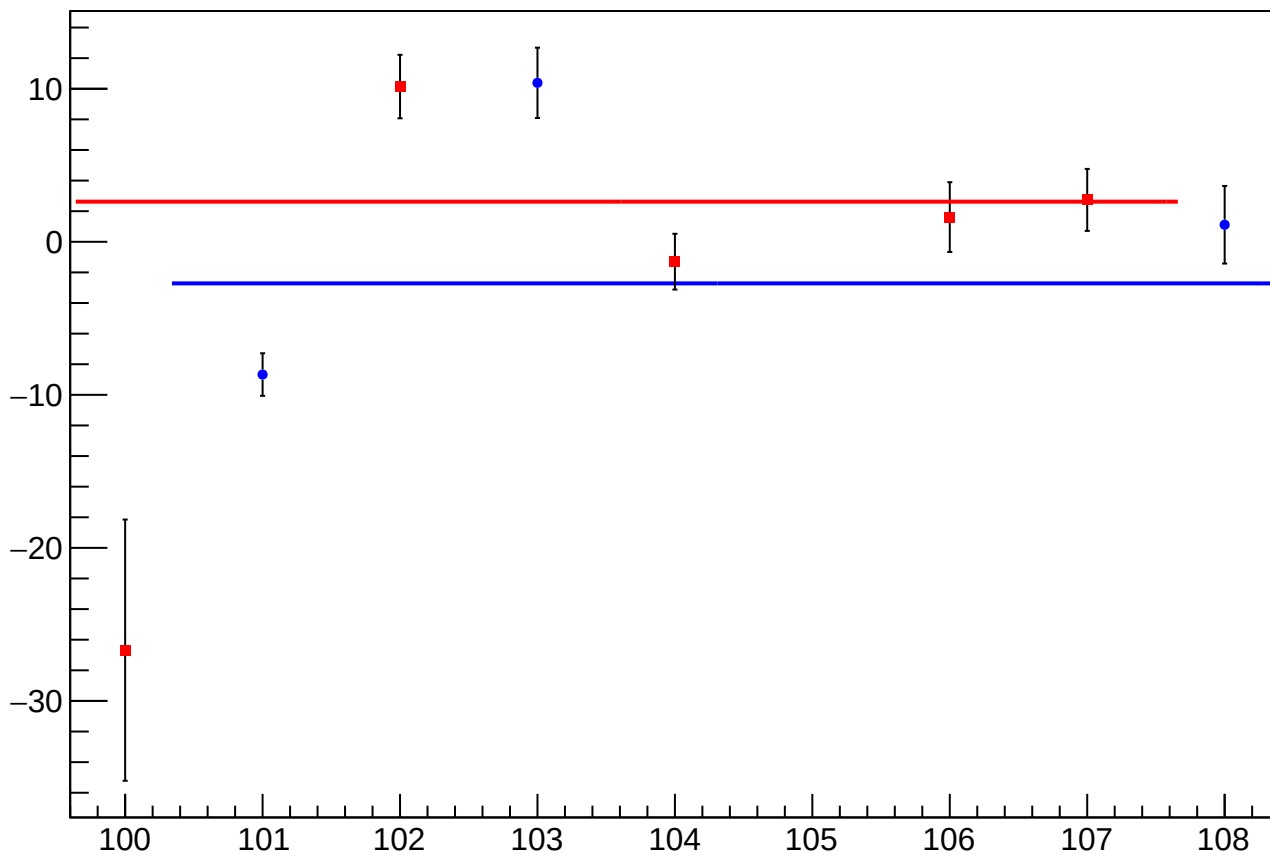
Right: -73.616 $\pm$ 0.561 χ^2 /NDF: 402.6/7

In: -71.828 $\pm$ 0.785 χ^2 /NDF:30.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -73.616 $\pm$ 0.561 χ^2 /NDF: 402.6/7

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.718+/-1.077 χ^2/NDF : 53.2/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2.622+/-1.008 χ^2/NDF : 29.8/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

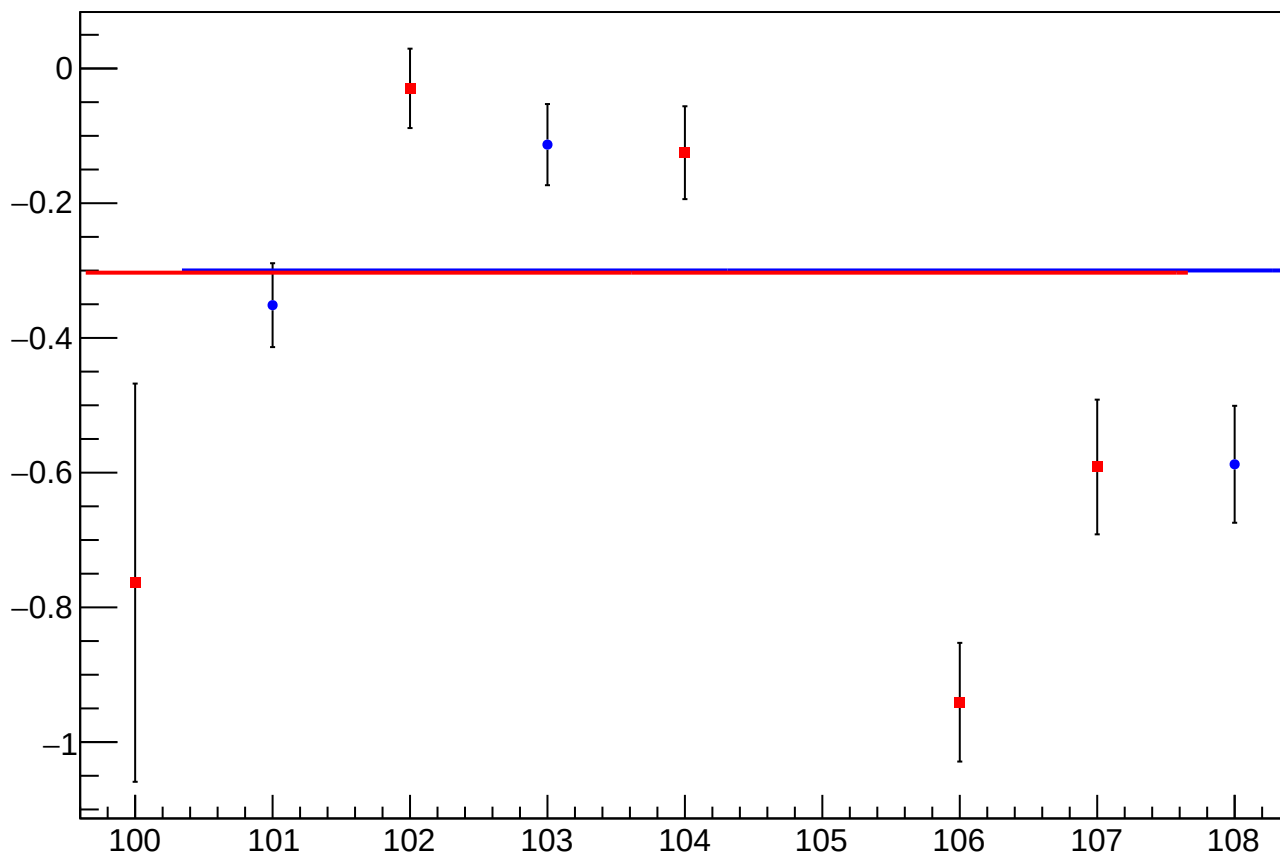
Right: 0.127+/-0.736 χ^2/NDF : 96.0/7

In: -2.718+/-1.077 χ^2/NDF :53.2/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.127+/-0.736 χ^2/NDF : 96.0/7

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.300+/-0.039 χ^2/NDF : 21.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.303+/-0.037 χ^2/NDF : 91.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

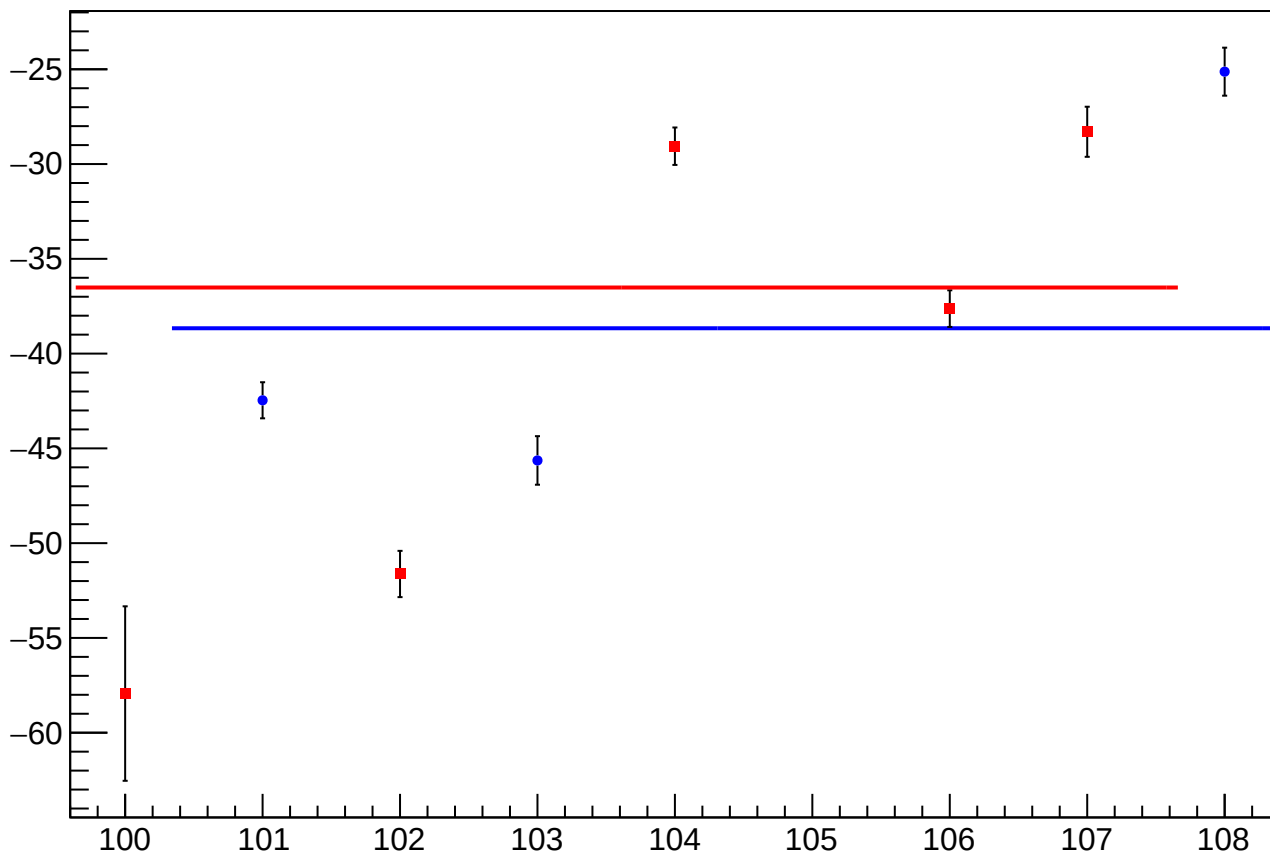
Right: -0.302+/-0.027 χ^2/NDF : 112.7/7

In: -0.300+/-0.039 χ^2/NDF : 21.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.302+/-0.027 χ^2/NDF : 112.7/7

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -38.663+/-0.654 χ^2/NDF : 159.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.514+/-0.543 χ^2/NDF : 272.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

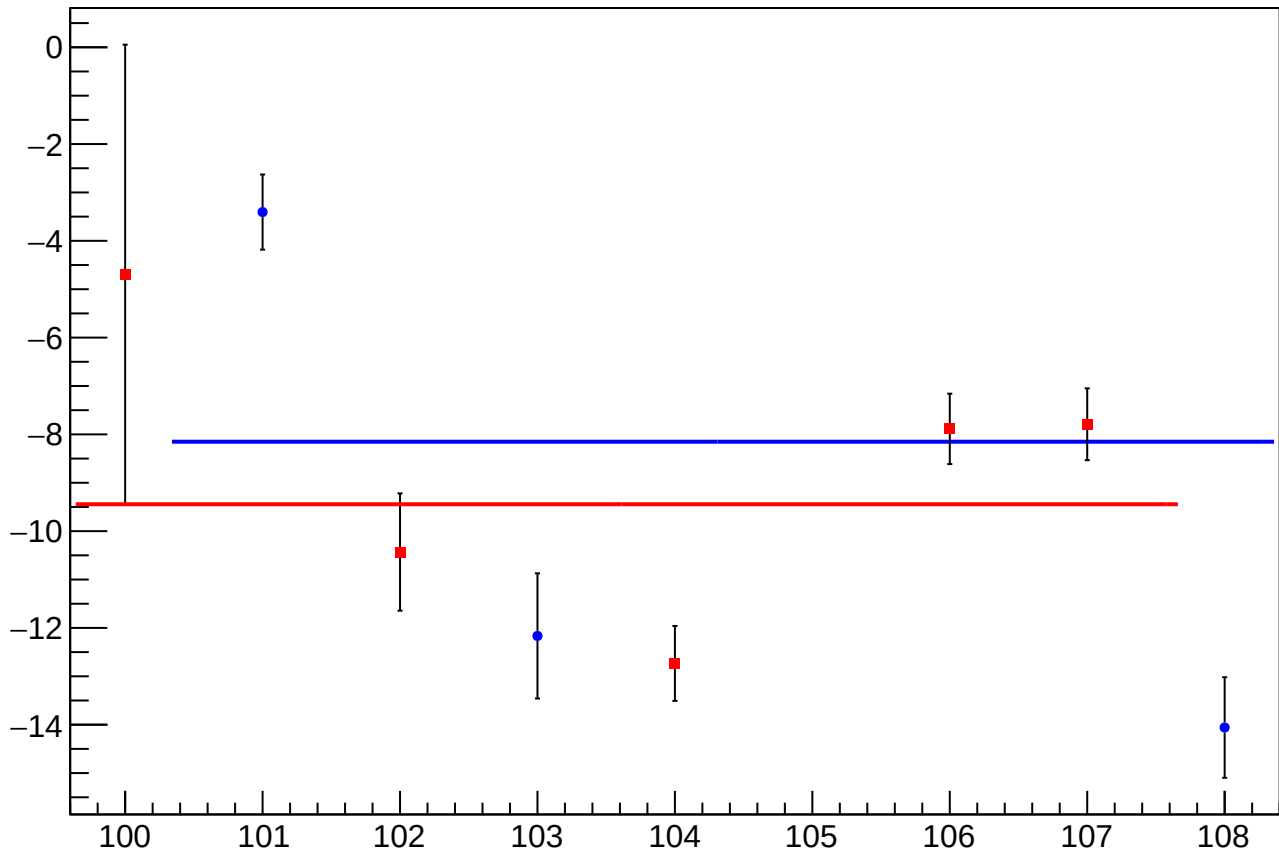
Right: -37.391+/-0.418 χ^2/NDF : 438.3/7

In: -38.663+/-0.654 χ^2/NDF : 159.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.391+/-0.418 χ^2/NDF : 438.3/7

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.152 $\pm$ 0.561 χ^2 /NDF: 79.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -9.444 $\pm$ 0.405 χ^2 /NDF: 29.2/4

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

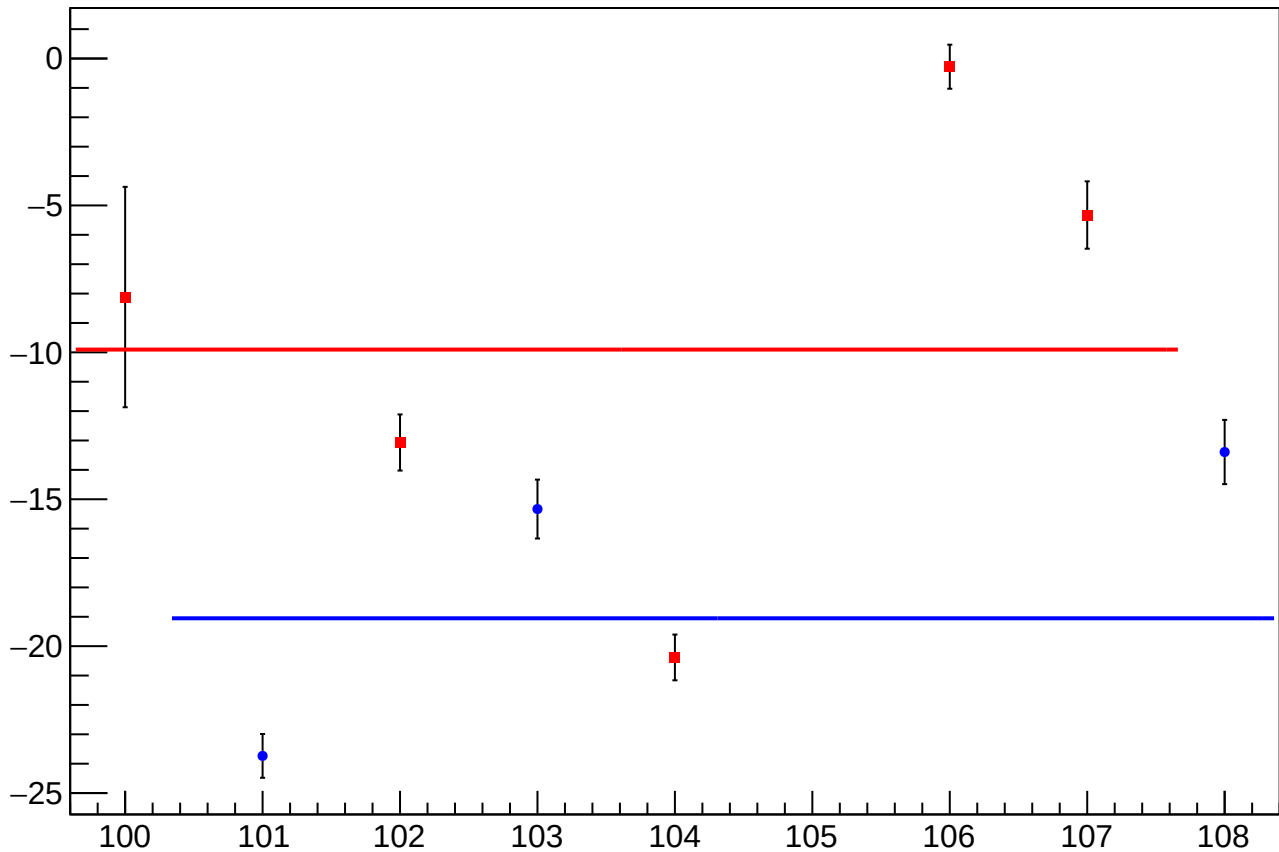
Right: -9.001 $\pm$ 0.328 χ^2 /NDF: 112.0/7

In: -8.152 $\pm$ 0.561 χ^2 /NDF:79.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -9.001 $\pm$ 0.328 χ^2 /NDF: 112.0/7

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -19.052 $\pm$ 0.525 χ^2 /NDF: 80.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -9.906 $\pm$ 0.432 χ^2 /NDF: 373.1/4

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

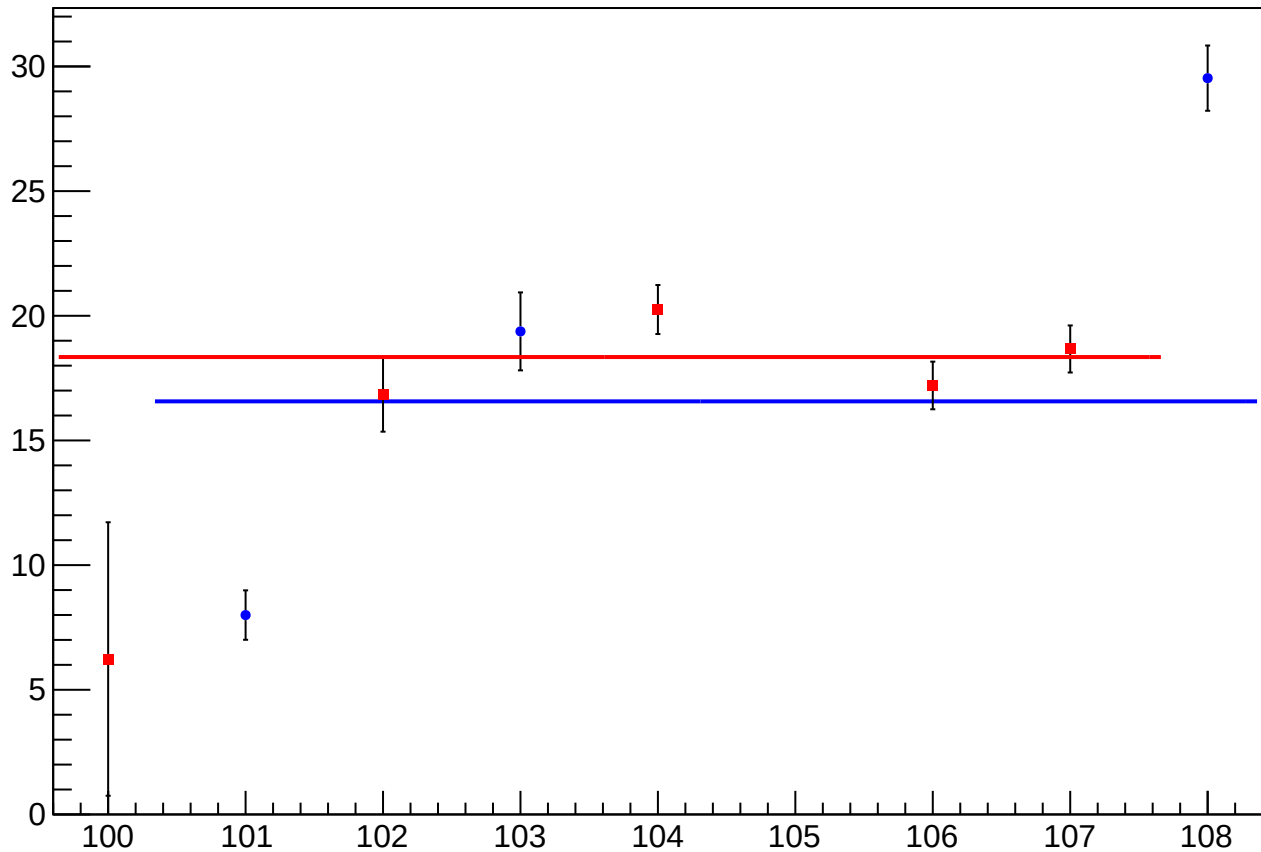
Right: -13.602 $\pm$ 0.334 χ^2 /NDF: 634.1/7

In: -19.052 $\pm$ 0.525 χ^2 /NDF: 80.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -13.602 $\pm$ 0.334 χ^2 /NDF: 634.1/7

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.568+/-0.705 χ^2/NDF : 176.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.345+/-0.517 χ^2/NDF : 11.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

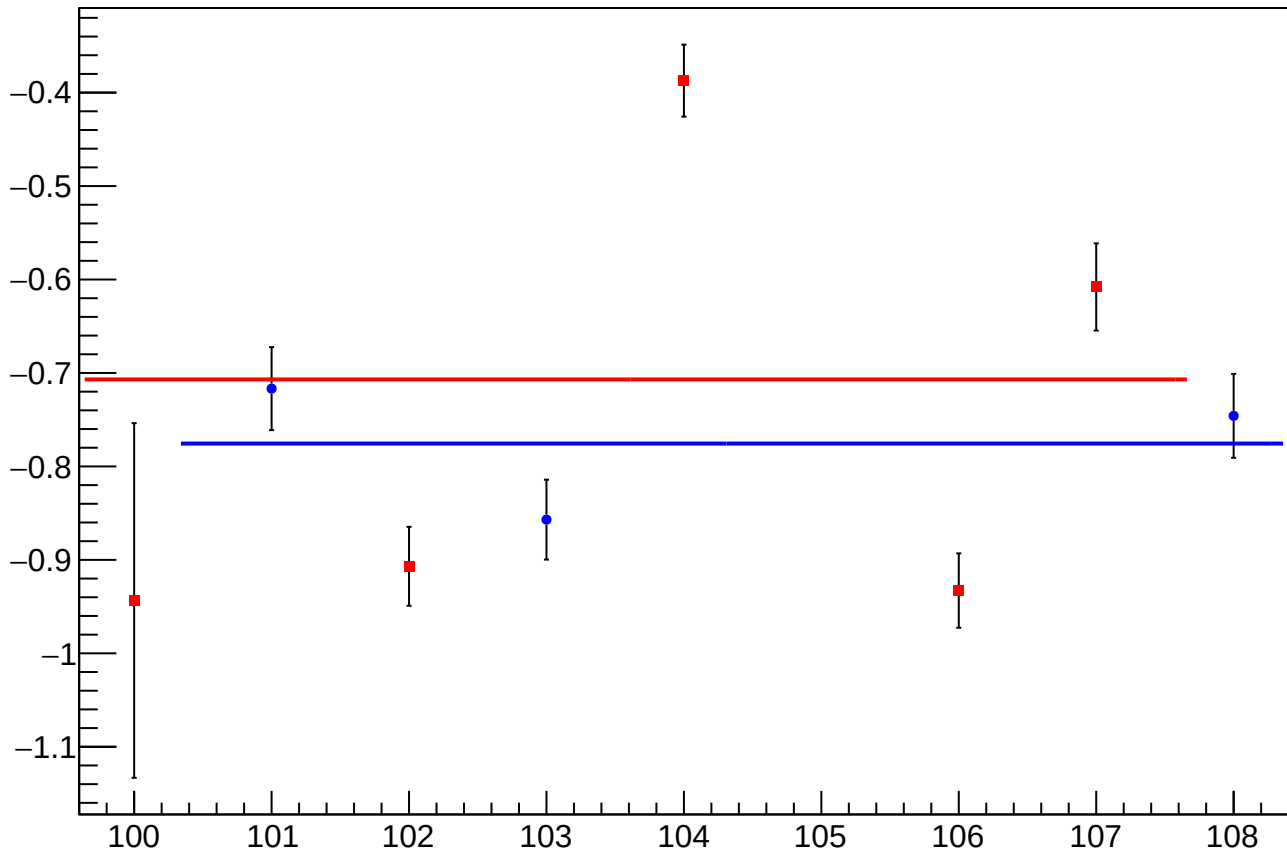
Right: 17.724+/-0.417 χ^2/NDF : 191.5/7

In: 16.568+/-0.705 χ^2/NDF : 176.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.724+/-0.417 χ^2/NDF : 191.5/7

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.776+/-0.025 χ^2/NDF : 5.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.707+/-0.021 χ^2/NDF : 129.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

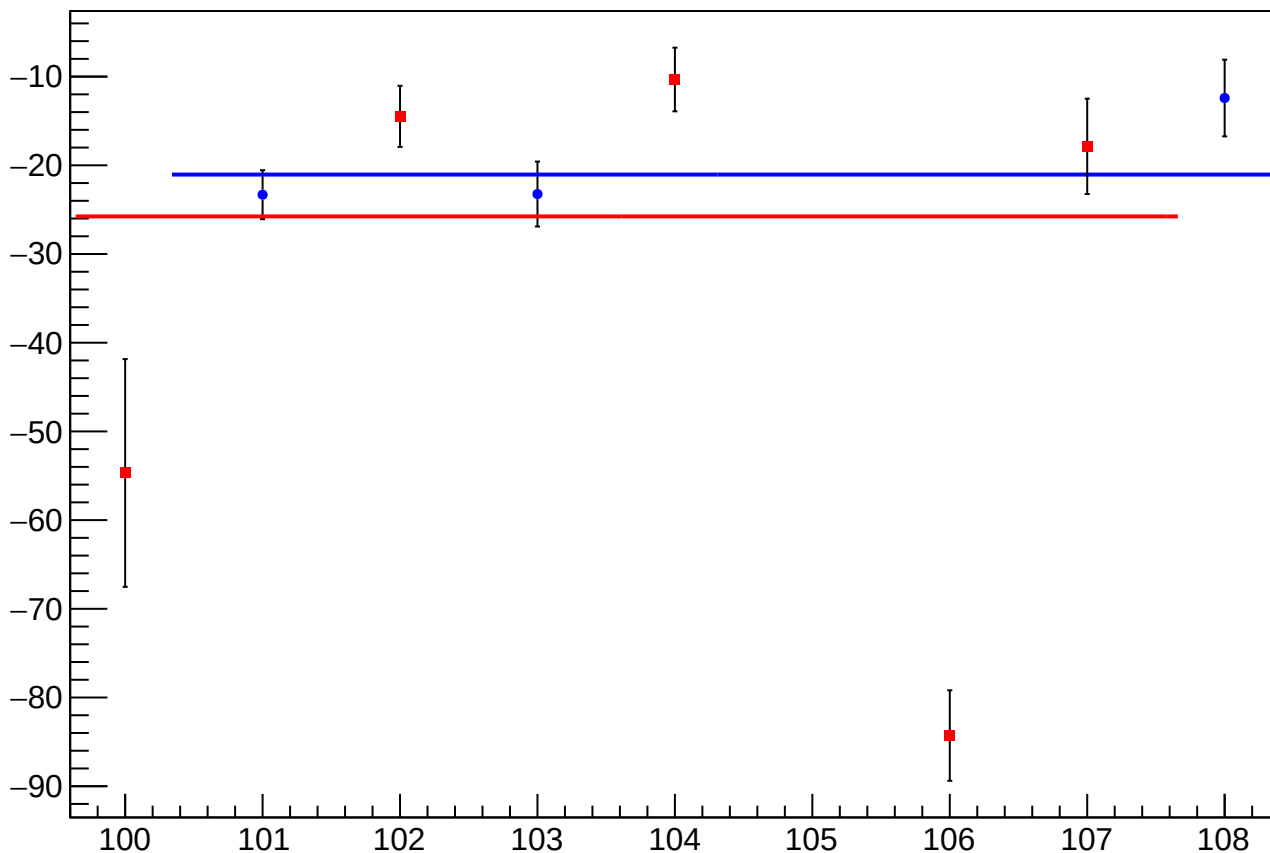
Right: -0.734+/-0.016 χ^2/NDF : 139.8/7

In: -0.776+/-0.025 χ^2/NDF : 5.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.734+/-0.016 χ^2/NDF : 139.8/7

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -21.042 $\pm$ 1.965 χ^2 /NDF: 5.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -25.761 $\pm$ 2.037 χ^2 /NDF: 167.9/4

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

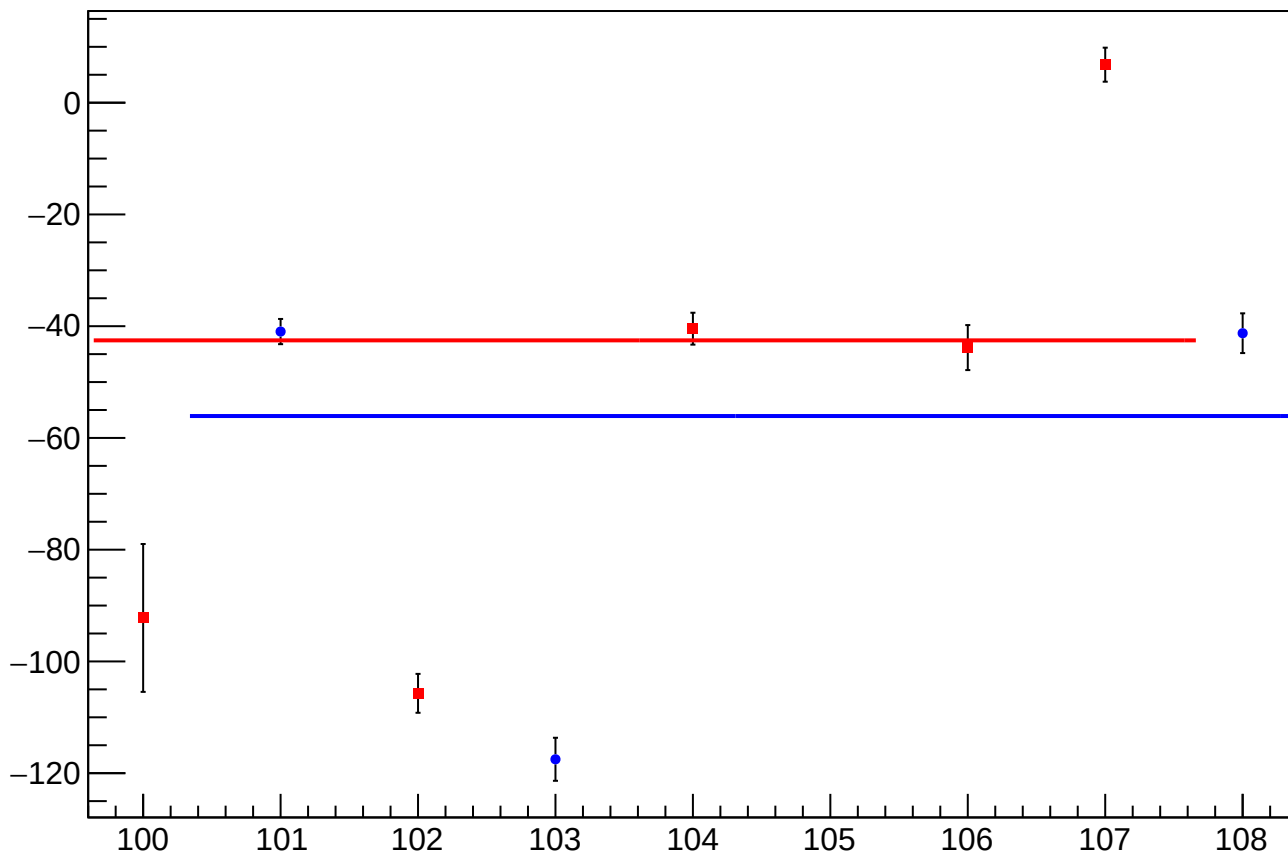
Right: -23.316 $\pm$ 1.414 χ^2 /NDF: 175.7/7

In: -21.042 $\pm$ 1.965 χ^2 /NDF: 5.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -23.316 $\pm$ 1.414 χ^2 /NDF: 175.7/7

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -56.079+/-1.708 χ^2/NDF : 316.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -42.537+/-1.621 χ^2/NDF : 606.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

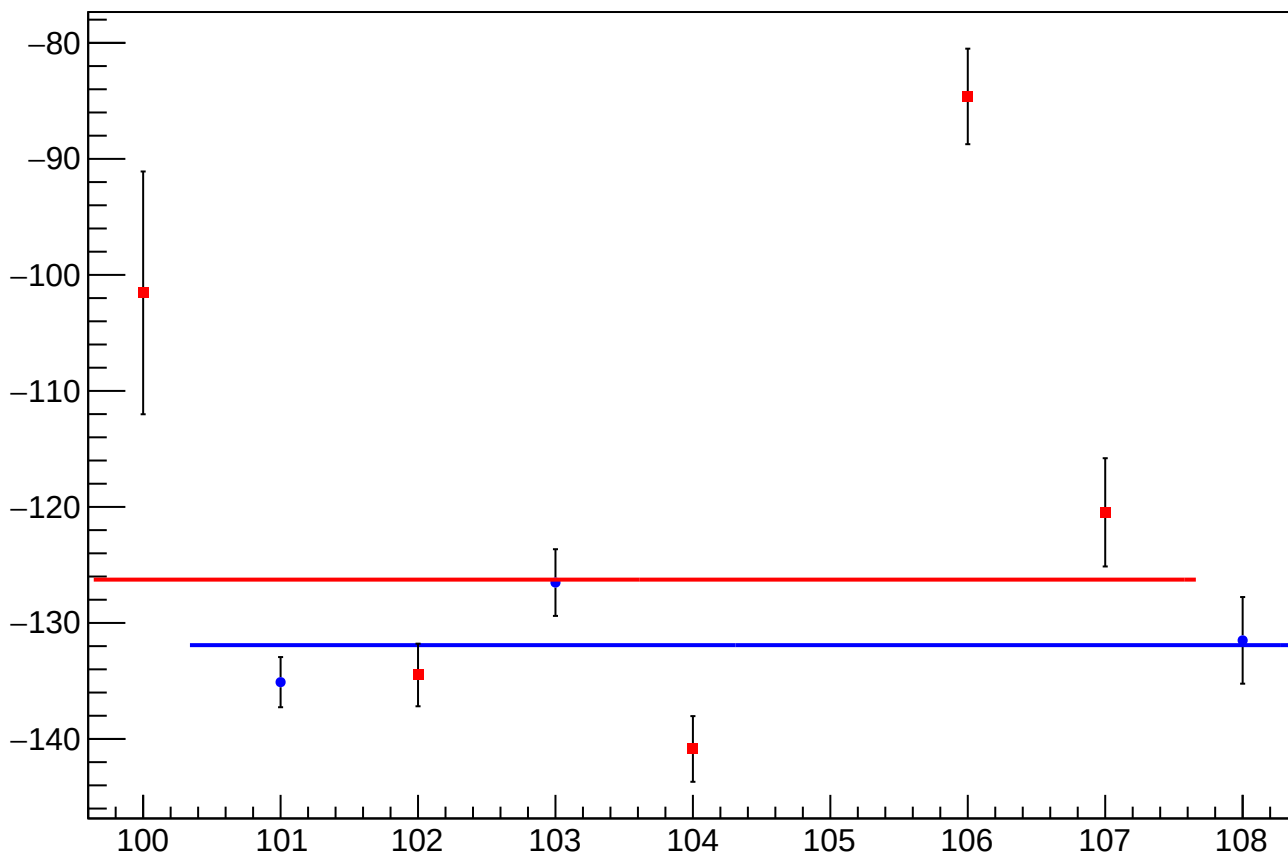
Right: -48.956+/-1.176 χ^2/NDF : 956.3/7

In: -56.079+/-1.708 χ^2/NDF : 316.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.956+/-1.176 χ^2/NDF : 956.3/7

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -131.914+/-1.568 χ^2/NDF : 5.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -126.266+/-1.631 χ^2/NDF : 145.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

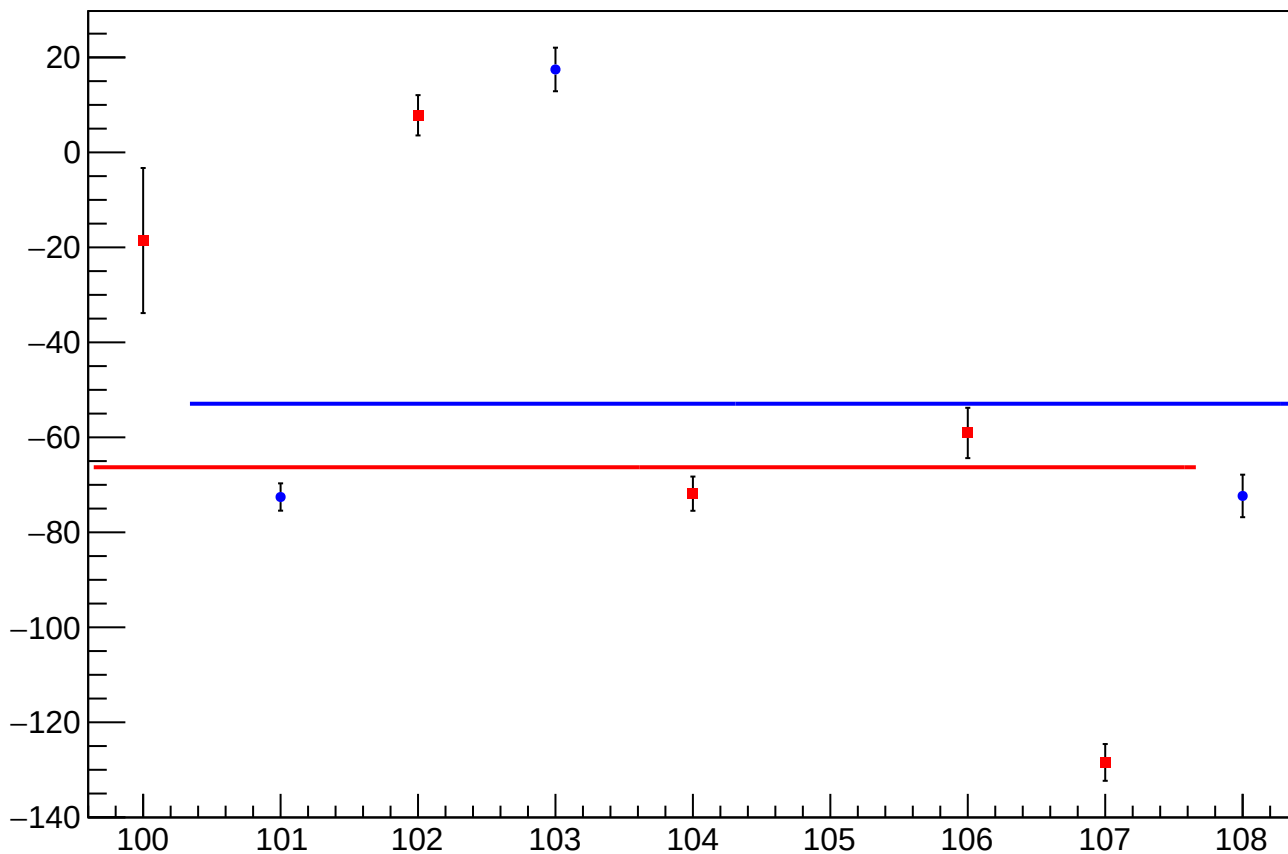
Right: -129.200+/-1.130 χ^2/NDF : 157.3/7

In: -131.914+/-1.568 χ^2/NDF : 5.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -129.200+/-1.130 χ^2/NDF : 157.3/7

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -52.924 $\pm$ 2.140 χ^2 /NDF: 300.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -66.295 $\pm$ 2.044 χ^2 /NDF: 576.7/4

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

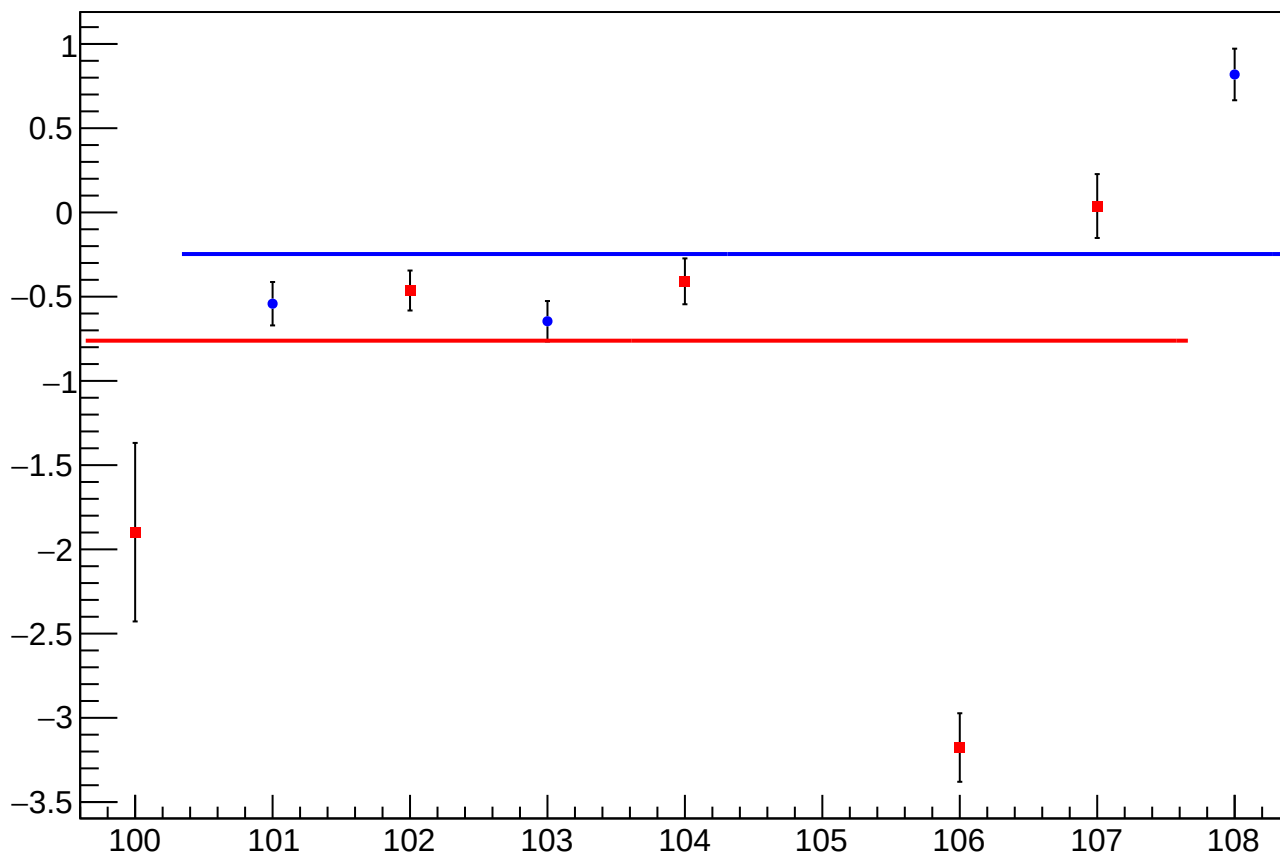
Right: -59.915 $\pm$ 1.478 χ^2 /NDF: 897.9/7

In: -52.924 $\pm$ 2.140 χ^2 /NDF:300.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -59.915 $\pm$ 1.478 χ^2 /NDF: 897.9/7

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.247+/-0.076 χ^2/NDF : 64.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.761+/-0.074 χ^2/NDF : 176.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

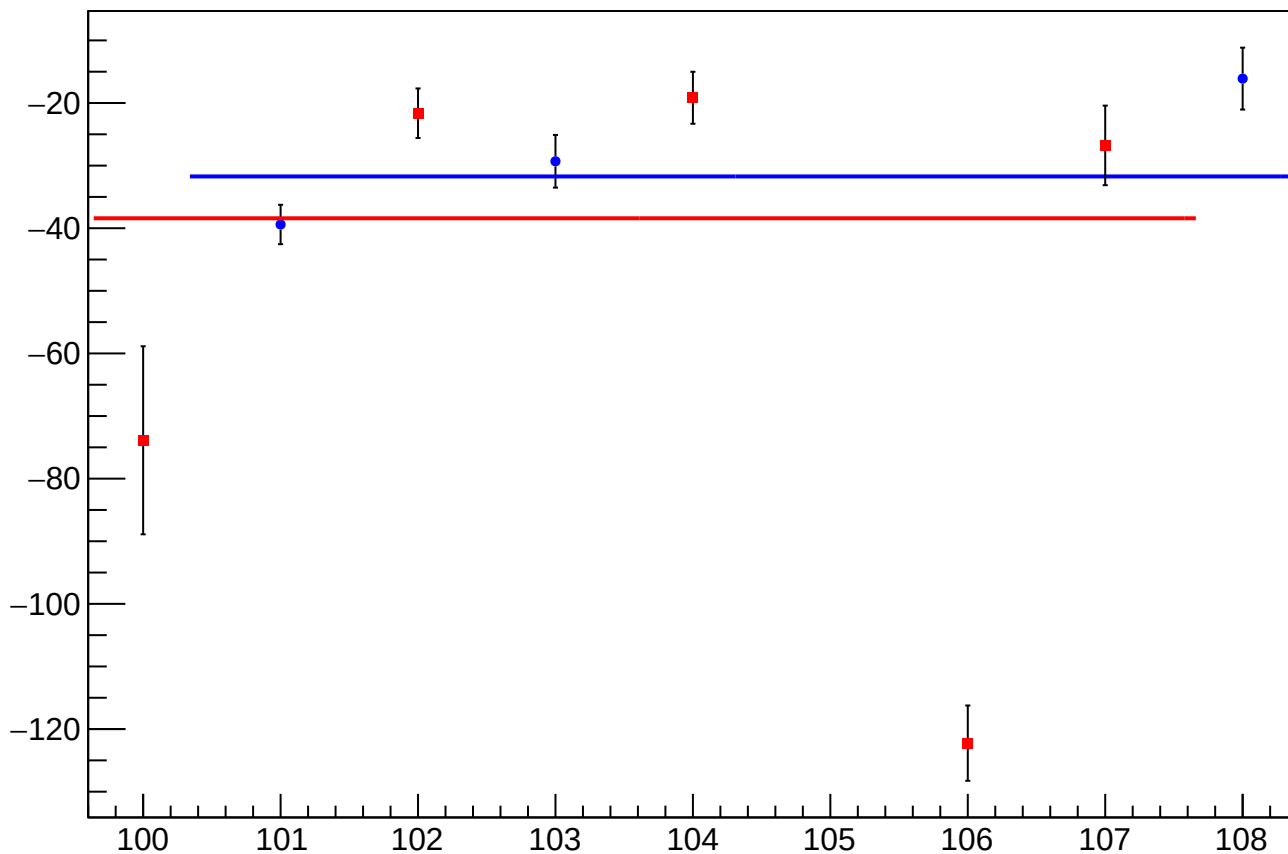
Right: -0.510+/-0.053 χ^2/NDF : 264.4/7

In: -0.247+/-0.076 χ^2/NDF : 64.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.510+/-0.053 χ^2/NDF : 264.4/7

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -31.728+/-2.245 χ^2/NDF : 16.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.413+/-2.366 χ^2/NDF : 242.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

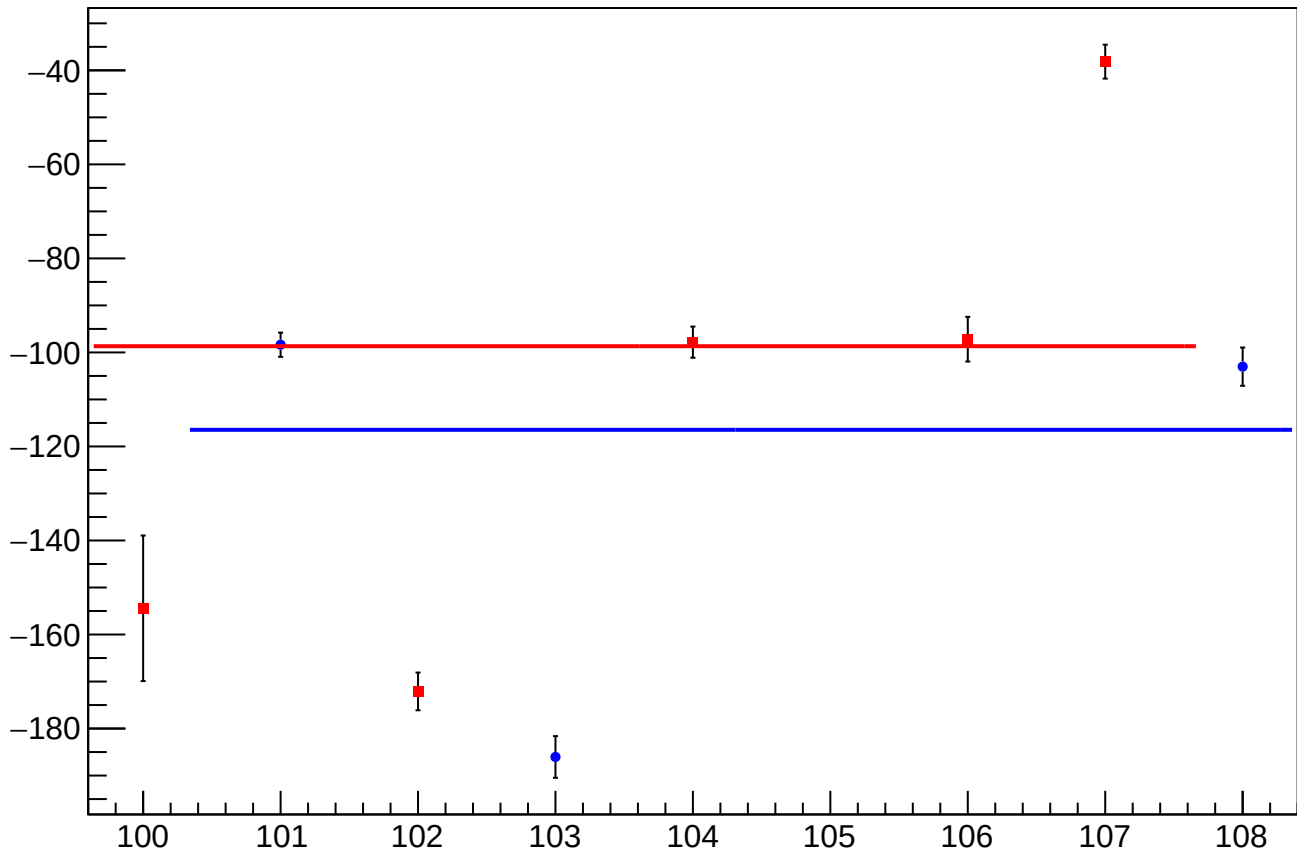
Right: -34.895+/-1.629 χ^2/NDF : 263.2/7

In: -31.728+/-2.245 χ^2/NDF : 16.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.895+/-1.629 χ^2/NDF : 263.2/7

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -116.457+/-1.953 χ^2/NDF : 306.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -98.677+/-1.895 χ^2/NDF : 629.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

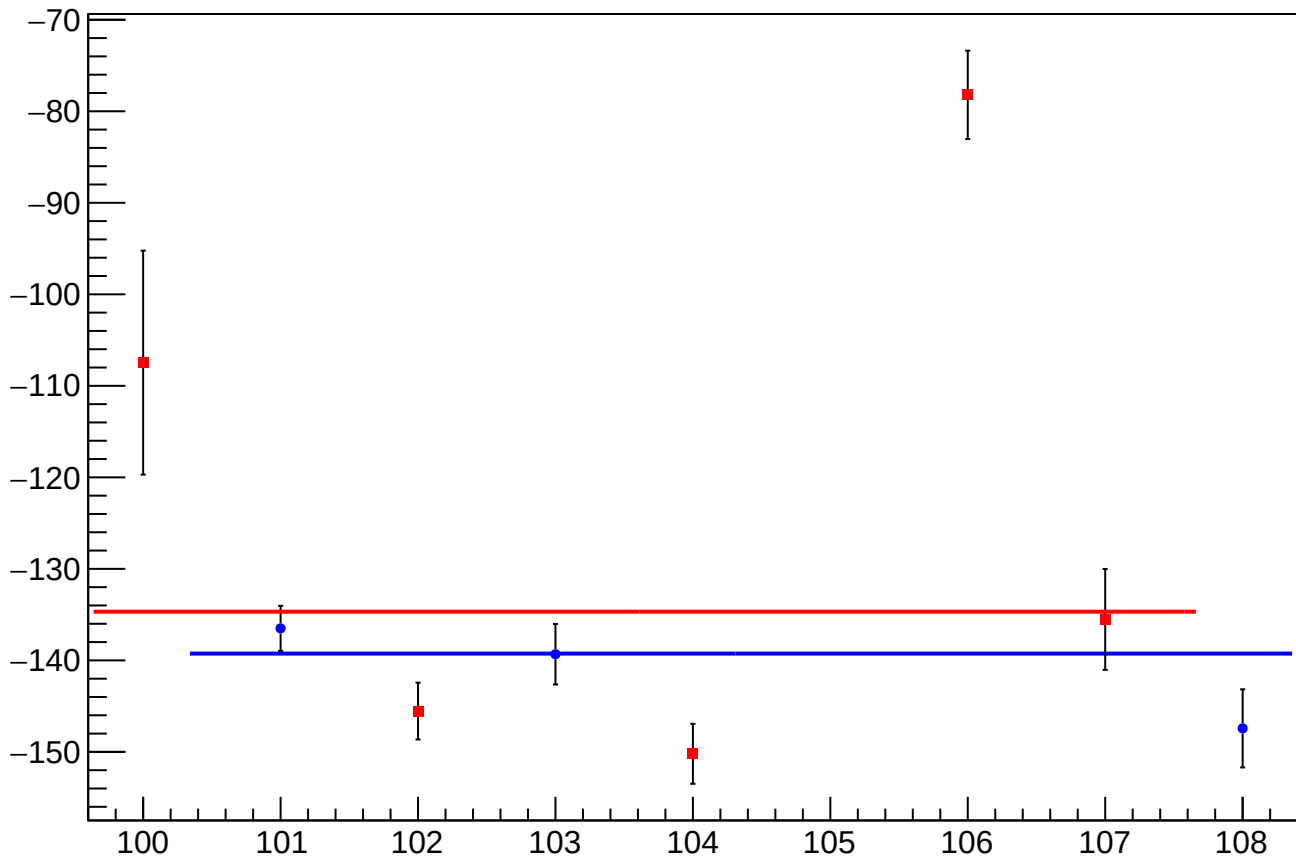
Right: -107.300+/-1.360 χ^2/NDF : 979.1/7

In: -116.457+/-1.953 χ^2/NDF : 306.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -107.300+/-1.360 χ^2/NDF : 979.1/7

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -139.258 $\pm$ 1.792 χ^2 /NDF: 4.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -134.677 $\pm$ 1.891 χ^2 /NDF: 176.5/4

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

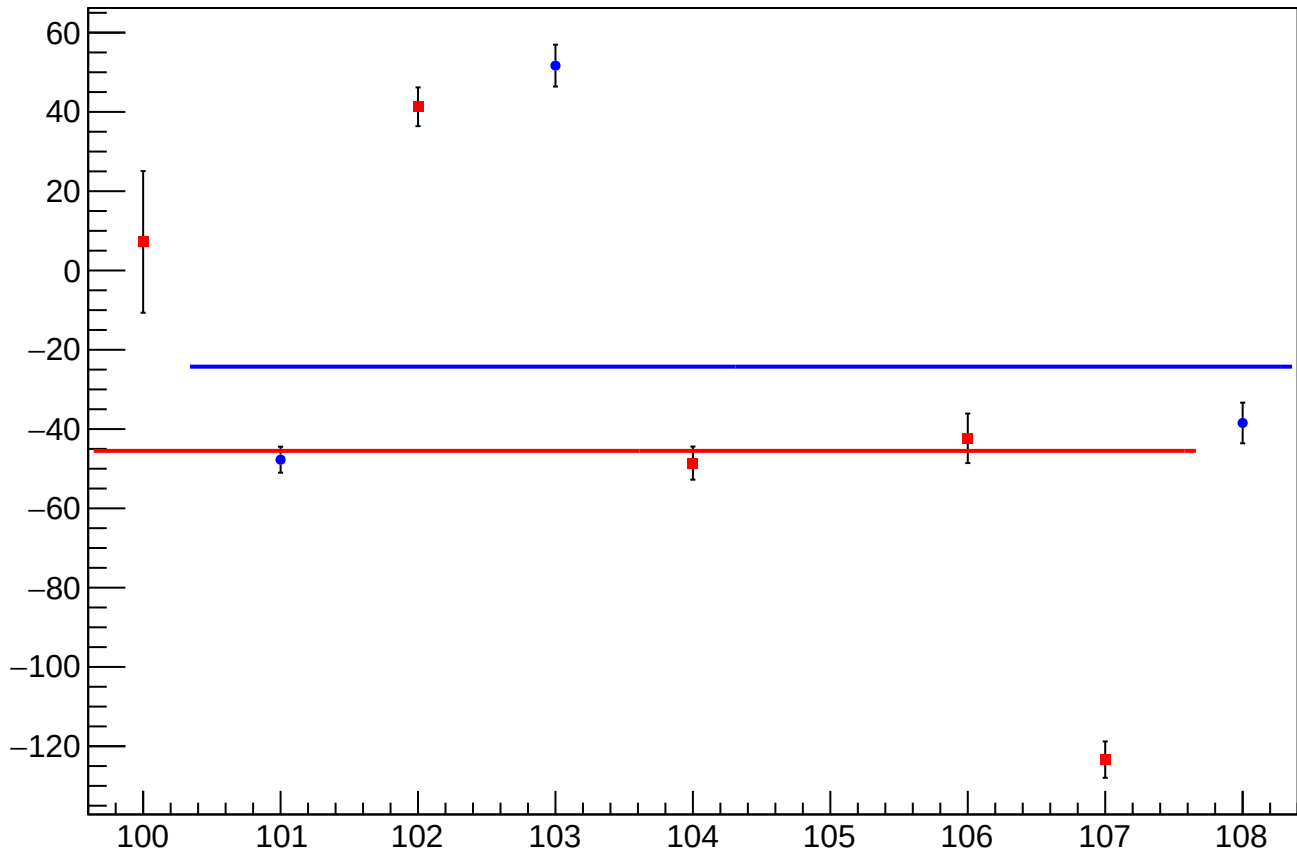
Right: -137.091 $\pm$ 1.301 χ^2 /NDF: 184.5/7

In: -139.258 $\pm$ 1.792 χ^2 /NDF: 4.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -137.091 $\pm$ 1.301 χ^2 /NDF: 184.5/7

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -24.257+/-2.447 χ^2/NDF : 265.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -45.500+/-2.388 χ^2/NDF : 613.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

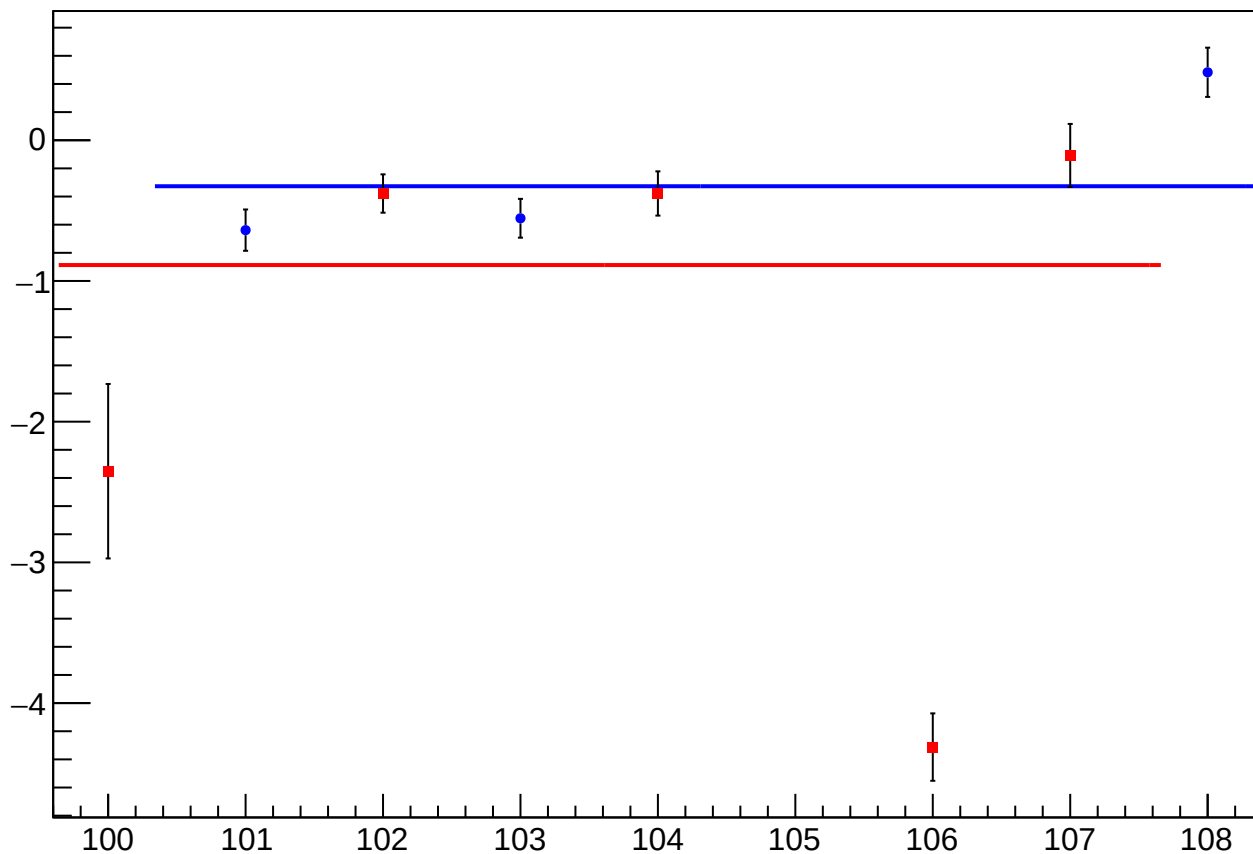
Right: -35.139+/-1.709 χ^2/NDF : 917.7/7

In: -24.257+/-2.447 χ^2/NDF : 265.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.139+/-1.709 χ^2/NDF : 917.7/7

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.327 ± 0.087 $\chi^2/\text{NDF}: 28.7/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.887 ± 0.086 $\chi^2/\text{NDF}: 246.5/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

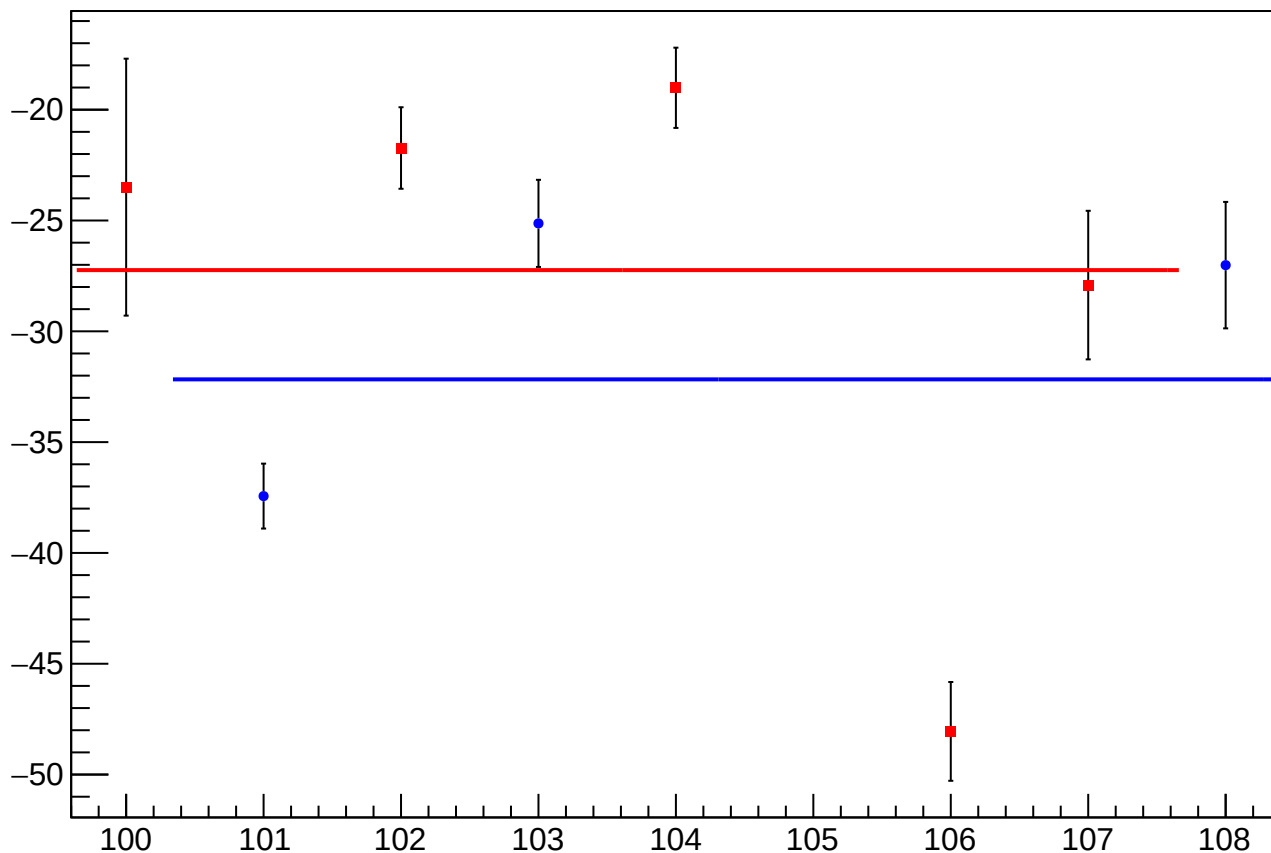
Right: -0.610 ± 0.061 $\chi^2/\text{NDF}: 296.0/7$

In: -0.327 ± 0.087 $\chi^2/\text{NDF}: 28.7/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.610 ± 0.061 $\chi^2/\text{NDF}: 296.0/7$

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -32.169+/-1.086 χ^2/NDF : 29.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -27.238+/-1.042 χ^2/NDF : 117.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

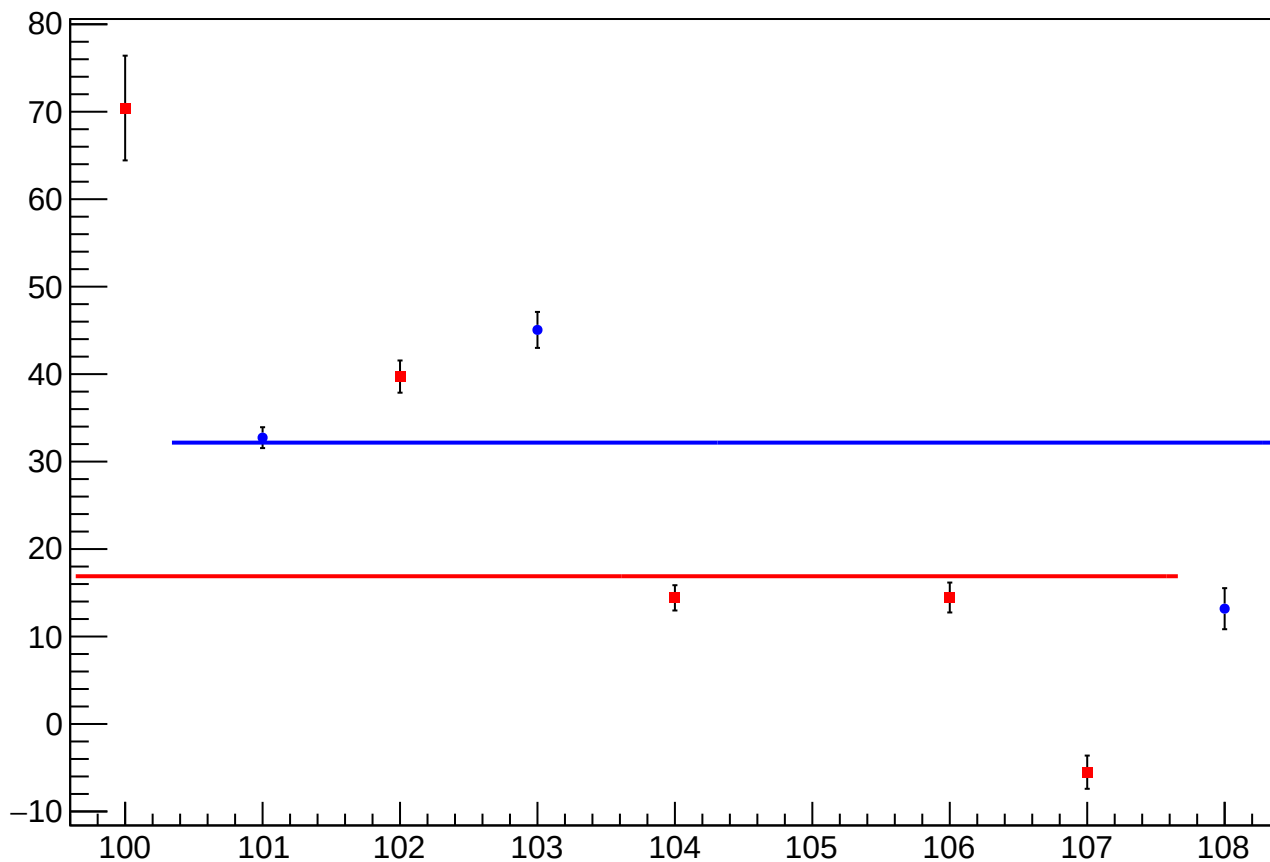
Right: -29.602+/-0.752 χ^2/NDF : 157.0/7

In: -32.169+/-1.086 χ^2/NDF : 29.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.602+/-0.752 χ^2/NDF : 157.0/7

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.169+/-0.945 χ^2/NDF : 104.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.892+/-0.839 χ^2/NDF : 377.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

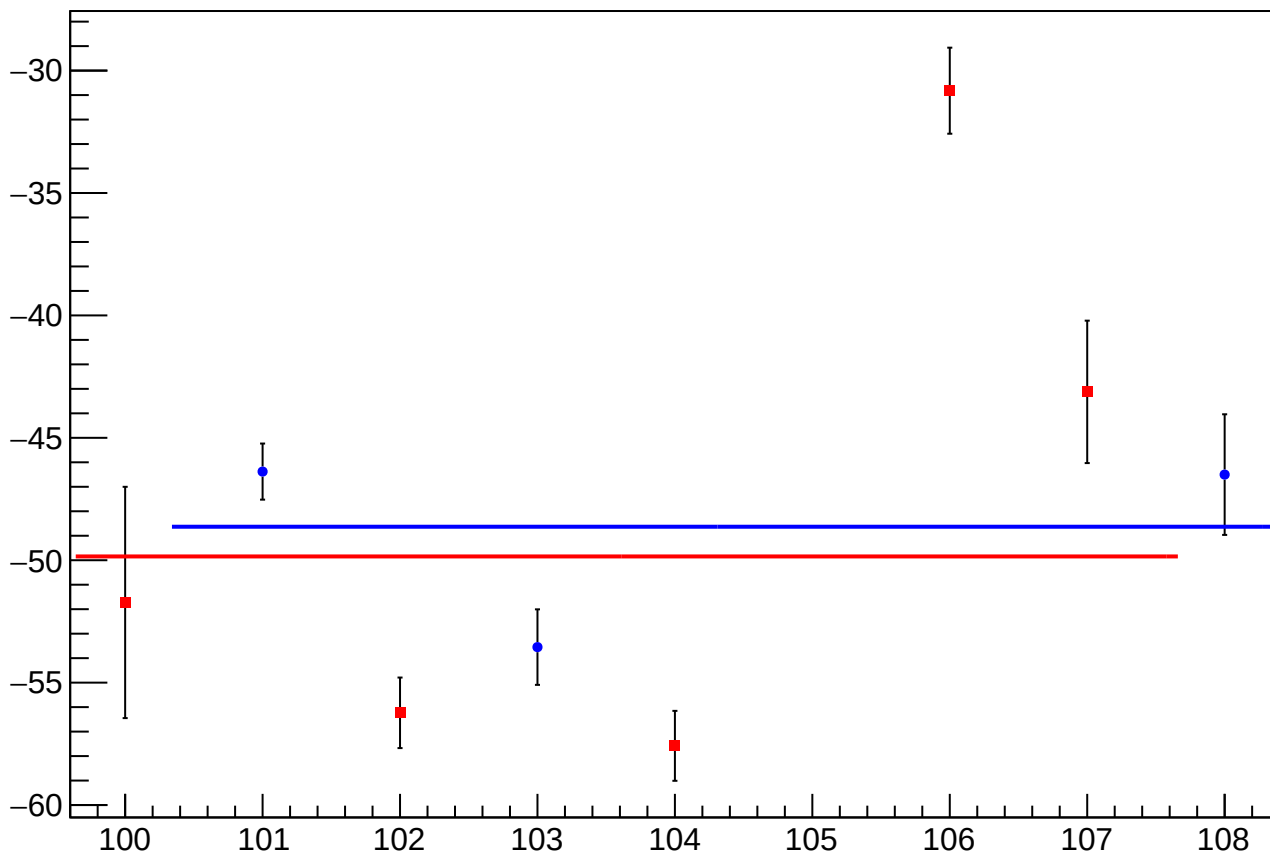
Right: 23.624+/-0.627 χ^2/NDF : 628.8/7

In: 32.169+/-0.945 χ^2/NDF : 104.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.624+/-0.627 χ^2/NDF : 628.8/7

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.632 $\pm$ 0.862 χ^2 /NDF: 14.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -49.845 $\pm$ 0.828 χ^2 /NDF: 171.7/4

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

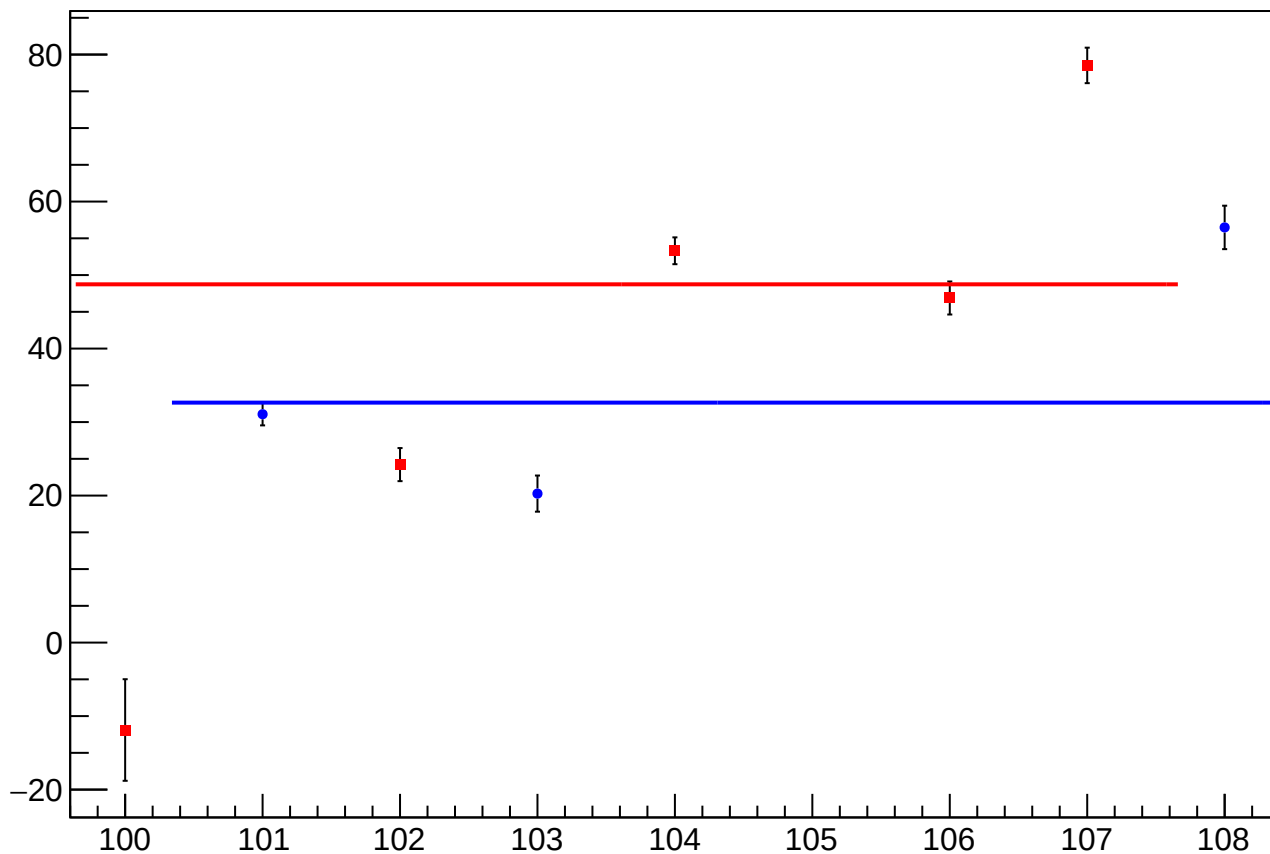
Right: -49.263 $\pm$ 0.597 χ^2 /NDF: 187.5/7

In: -48.632 $\pm$ 0.862 χ^2 /NDF: 14.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -49.263 $\pm$ 0.597 χ^2 /NDF: 187.5/7

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 32.647+/-1.185 χ^2/NDF : 91.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.741+/-1.061 χ^2/NDF : 354.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

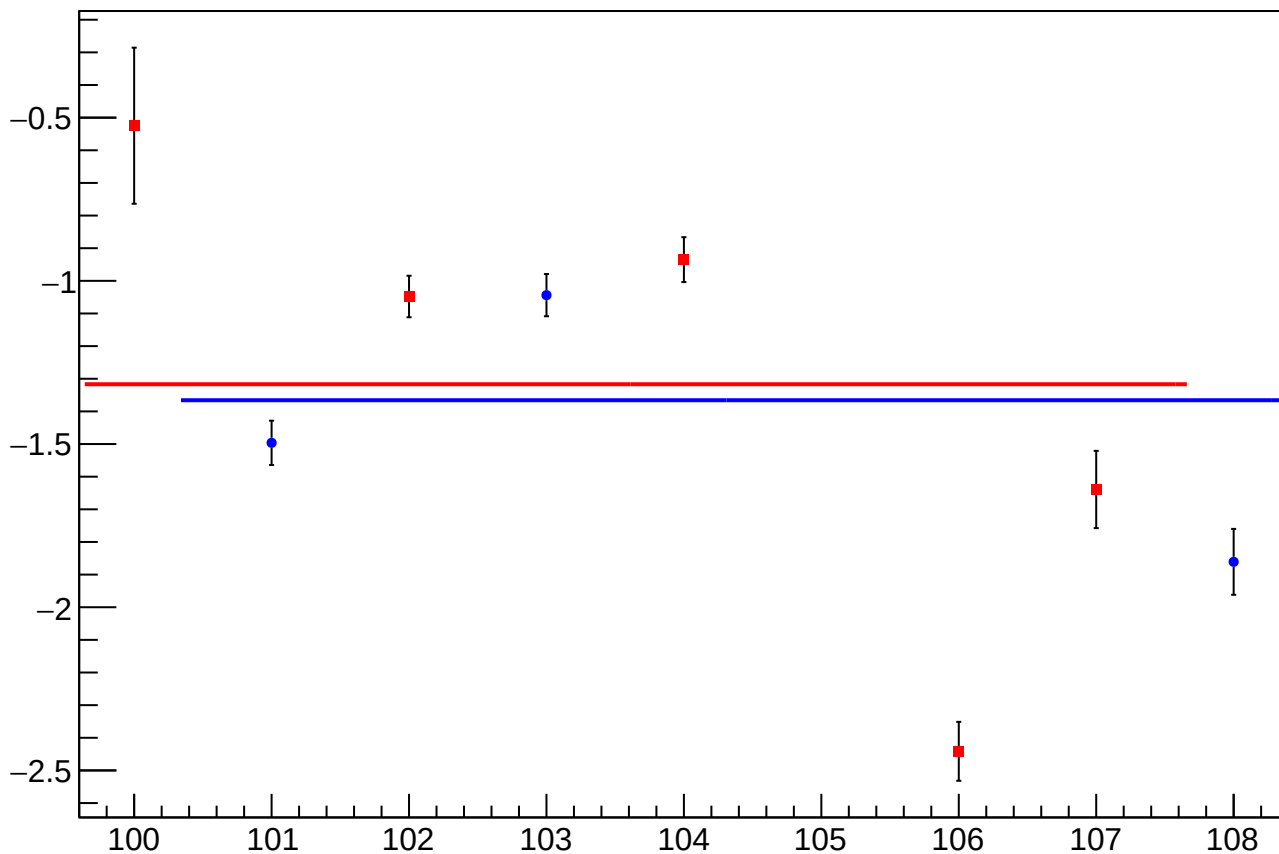
Right: 41.580+/-0.790 χ^2/NDF : 548.8/7

In: 32.647+/-1.185 χ^2/NDF : 91.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.580+/-0.790 χ^2/NDF : 548.8/7

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.366+/-0.042 χ^2 /NDF: 52.5/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1.317+/-0.039 χ^2 /NDF: 222.2/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

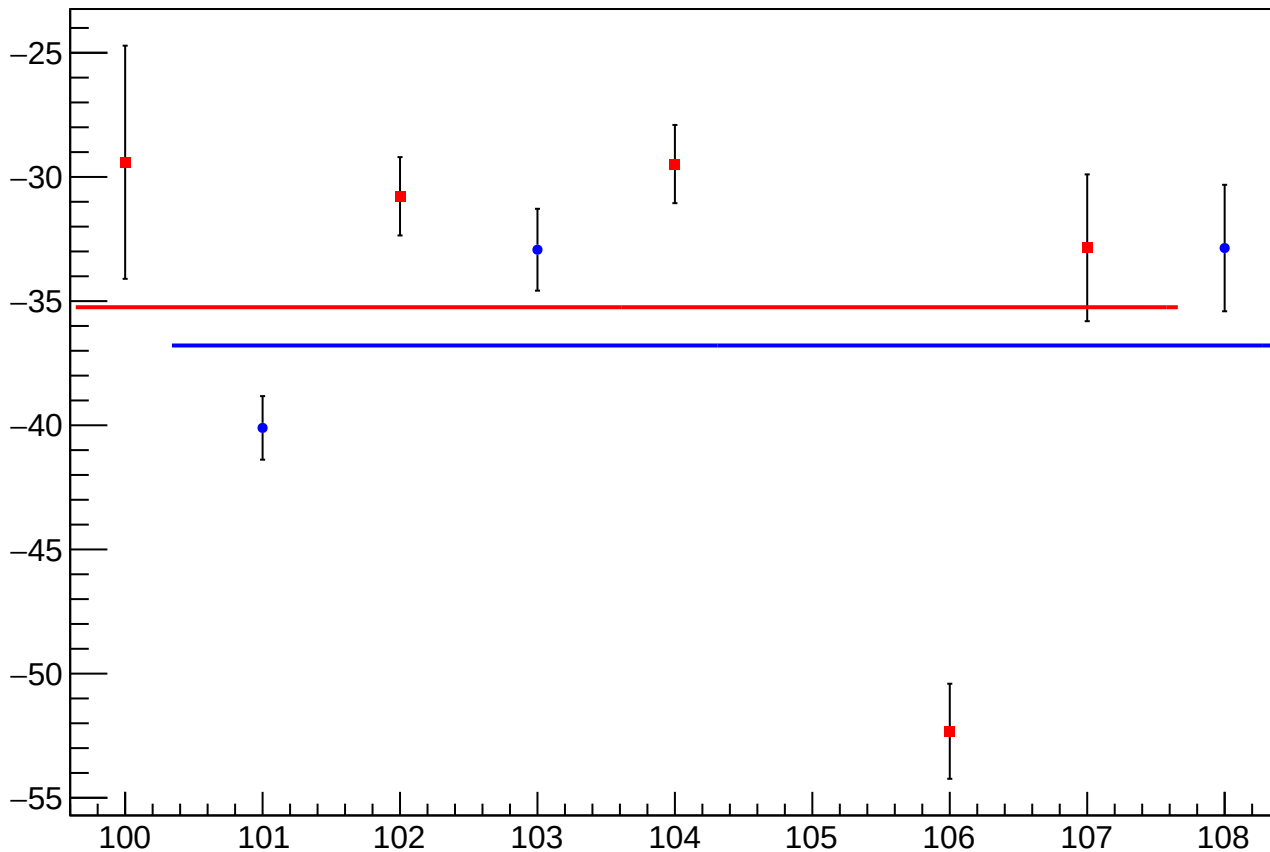
Right: -1.339+/-0.029 χ^2 /NDF: 275.4/7

In: -1.366+/-0.042 χ^2 /NDF:52.5/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1.339+/-0.029 χ^2 /NDF: 275.4/7

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -36.787 $\pm$ 0.940 χ^2 /NDF: 14.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -35.246 $\pm$ 0.899 χ^2 /NDF: 103.2/4

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

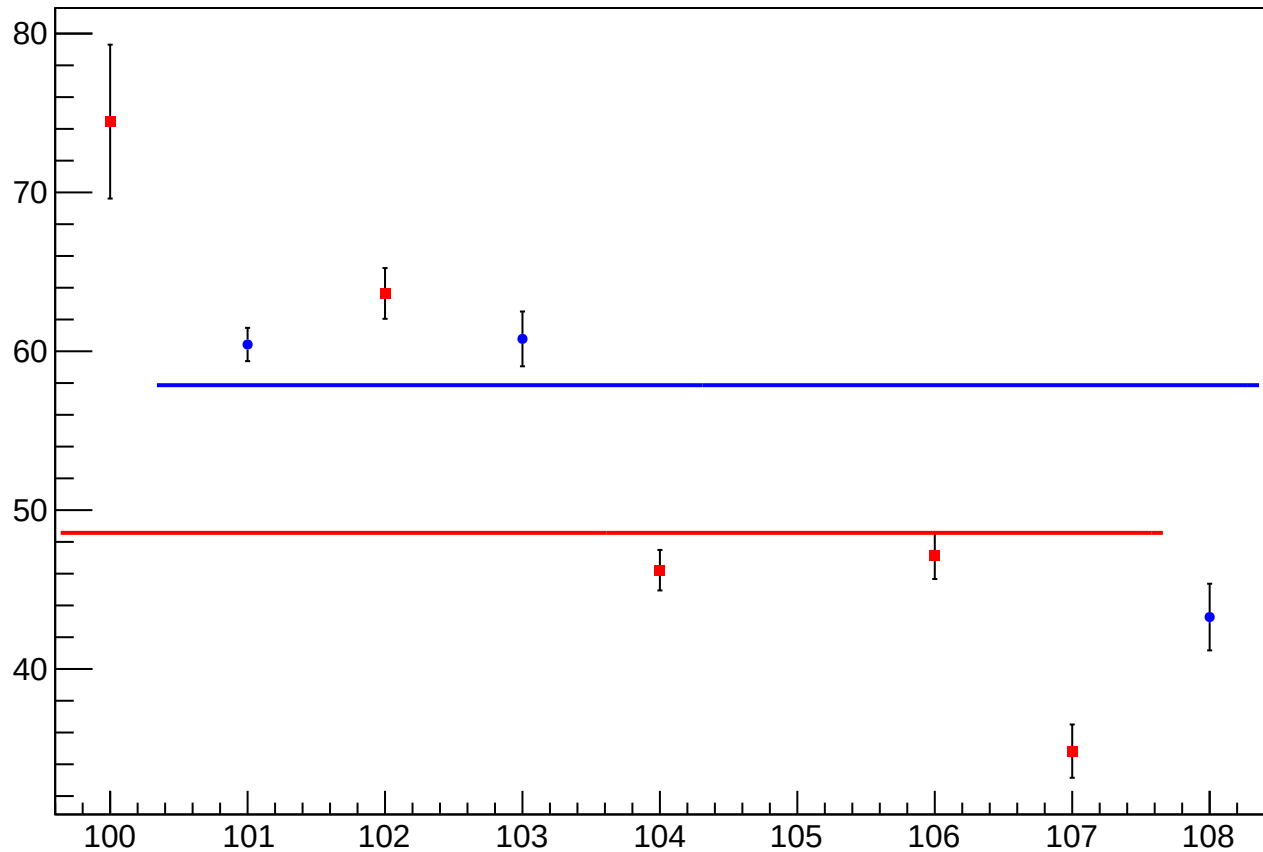
Right: -35.982 $\pm$ 0.649 χ^2 /NDF: 119.2/7

In: -36.787 $\pm$ 0.940 χ^2 /NDF: 14.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -35.982 $\pm$ 0.649 χ^2 /NDF: 119.2/7

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 57.865+/-0.823 χ^2/NDF : 57.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.570+/-0.731 χ^2/NDF : 188.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

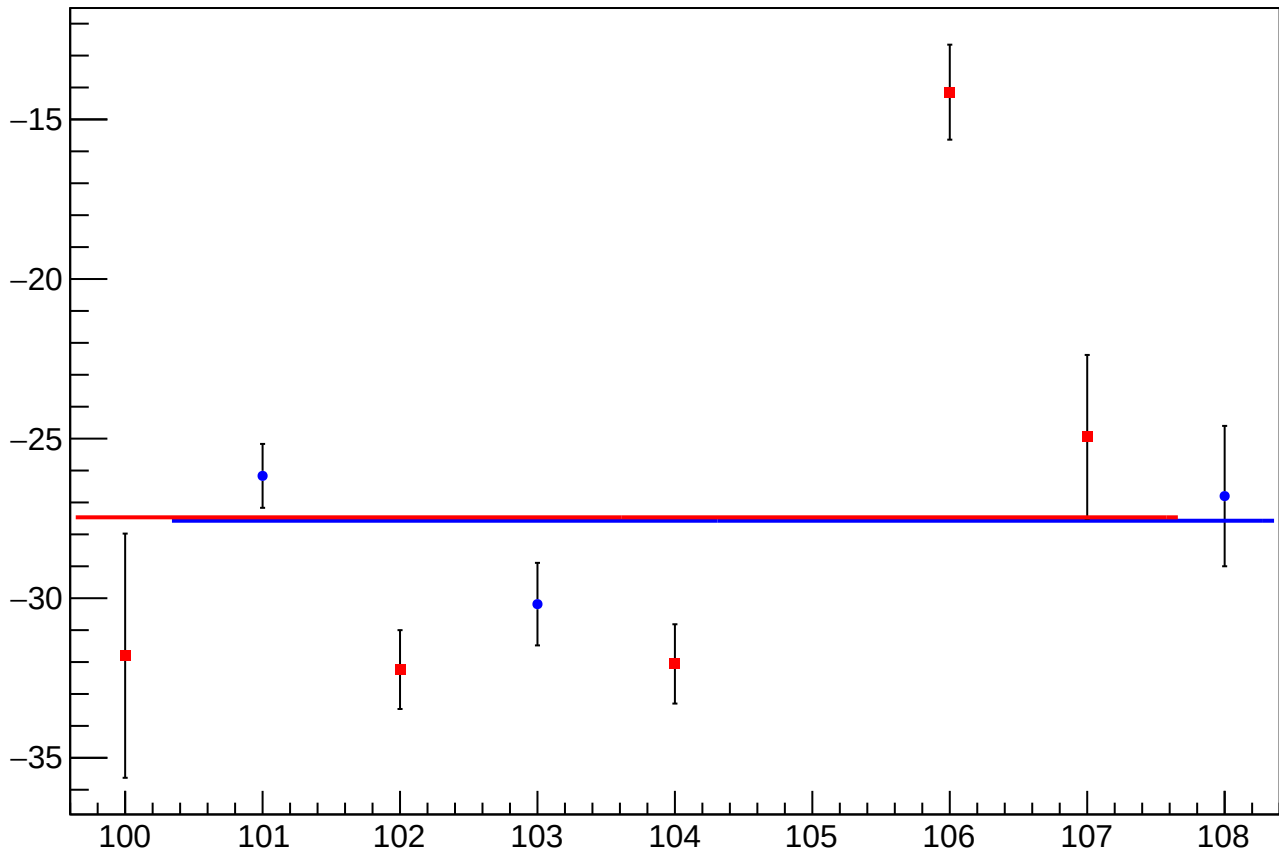
Right: 52.667+/-0.546 χ^2/NDF : 317.5/7

In: 57.865+/-0.823 χ^2/NDF : 57.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.667+/-0.546 χ^2/NDF : 317.5/7

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -27.573 ± 0.745 $\chi^2/\text{NDF}: 6.2/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -27.466 ± 0.711 $\chi^2/\text{NDF}: 110.9/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

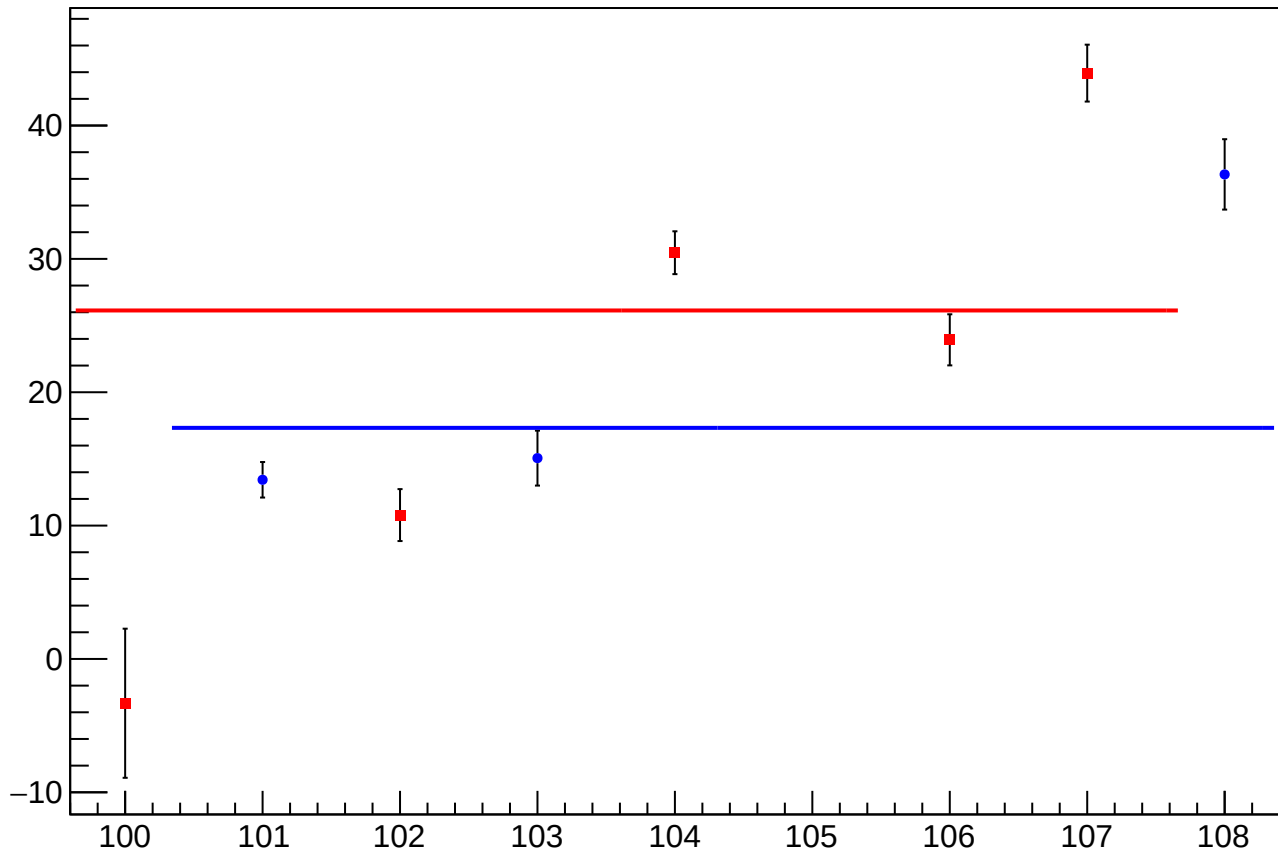
Right: -27.517 ± 0.514 $\chi^2/\text{NDF}: 117.1/7$

In: -27.573 ± 0.745 $\chi^2/\text{NDF}: 6.2/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -27.517 ± 0.514 $\chi^2/\text{NDF}: 117.1/7$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 17.329+/-1.030 χ^2/NDF : 61.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.132+/-0.922 χ^2/NDF : 168.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

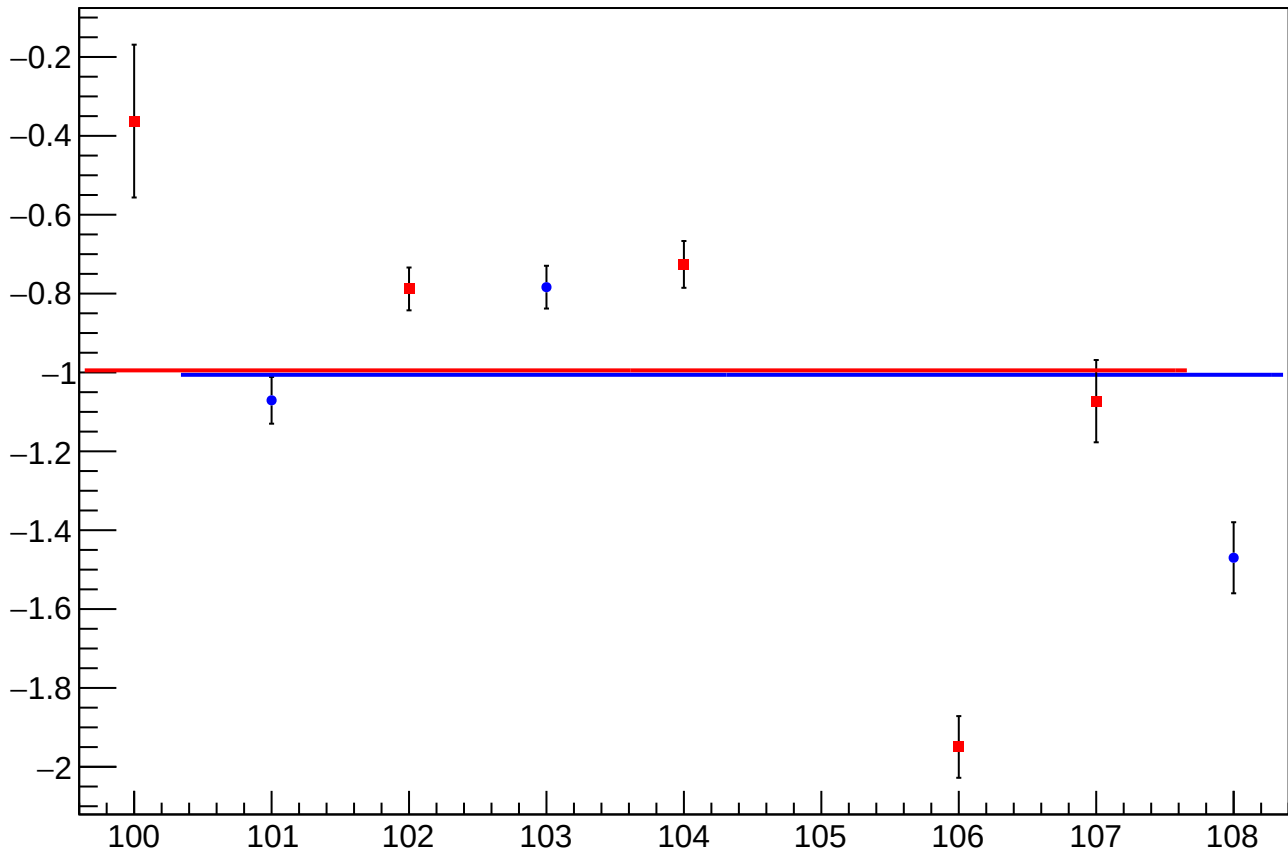
Right: 22.215+/-0.687 χ^2/NDF : 270.2/7

In: 17.329+/-1.030 χ^2/NDF : 61.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.215+/-0.687 χ^2/NDF : 270.2/7

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.006+/-0.037 χ^2/NDF : 44.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.995+/-0.033 χ^2/NDF : 195.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

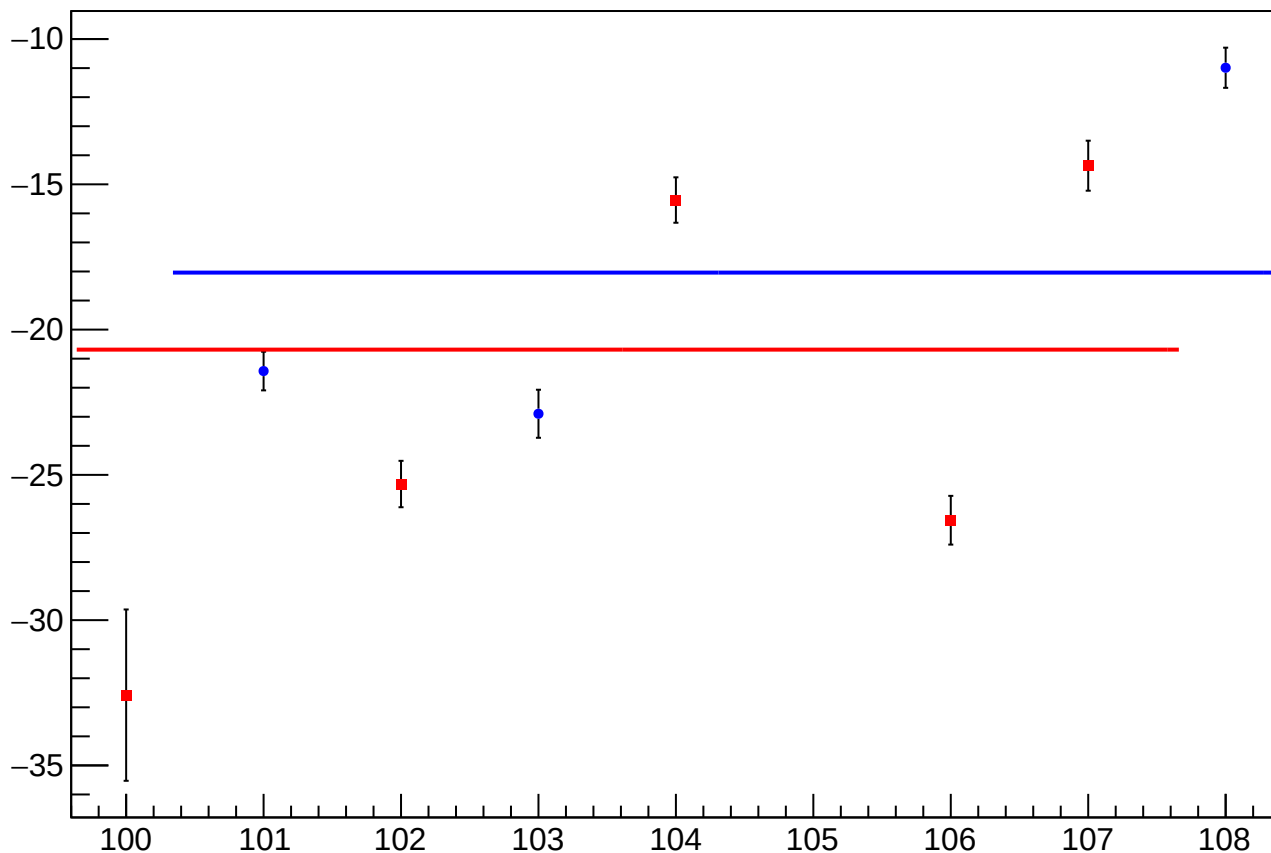
Right: -1.000+/-0.025 χ^2/NDF : 239.7/7

In: -1.006+/-0.037 χ^2/NDF : 44.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.000+/-0.025 χ^2/NDF : 239.7/7

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -18.038 $\pm$ 0.415 χ^2 /NDF: 164.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -20.689 $\pm$ 0.405 χ^2 /NDF: 196.3/4

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

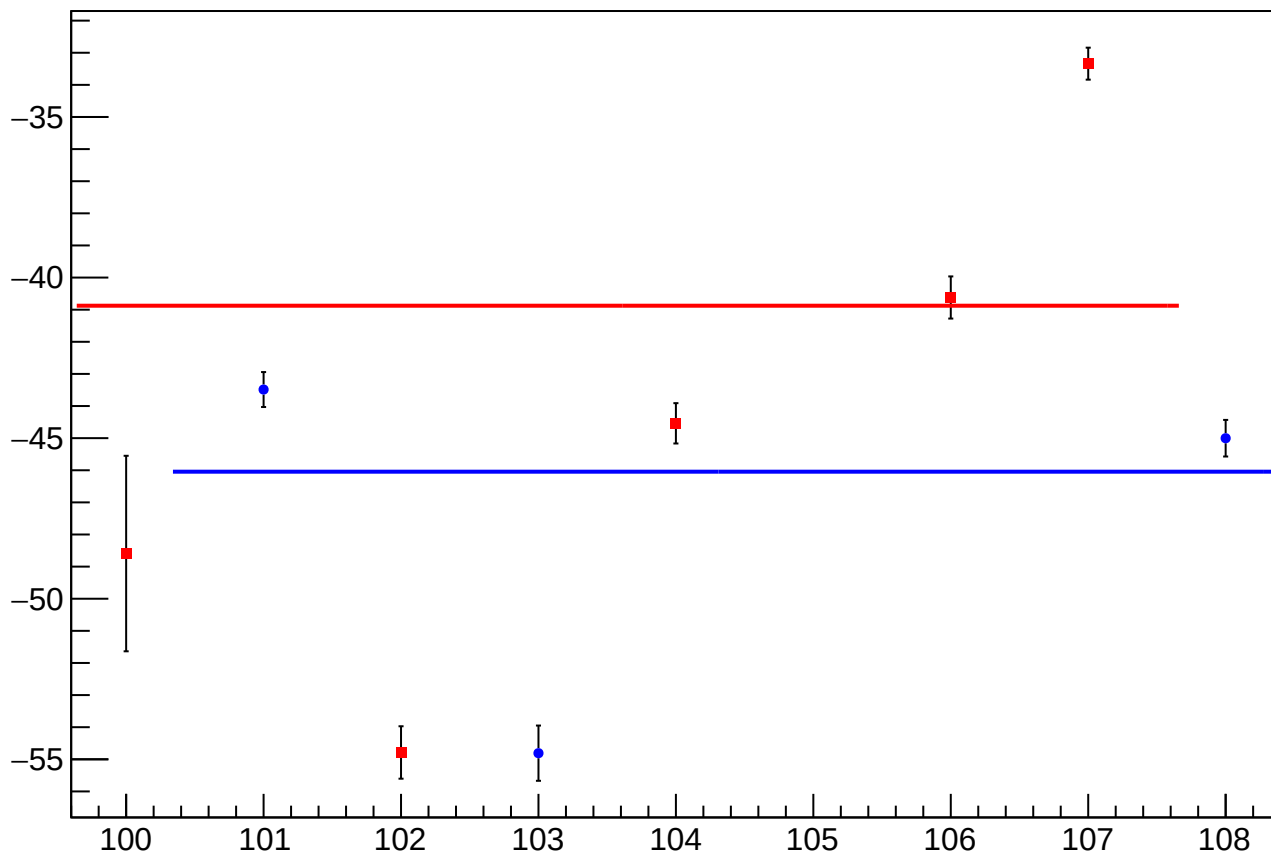
Right: -19.394 $\pm$ 0.290 χ^2 /NDF: 381.7/7

In: -18.038 $\pm$ 0.415 χ^2 /NDF: 164.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -19.394 $\pm$ 0.290 χ^2 /NDF: 381.7/7

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.044+/-0.358 χ^2/NDF : 129.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -40.876+/-0.309 χ^2/NDF : 560.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

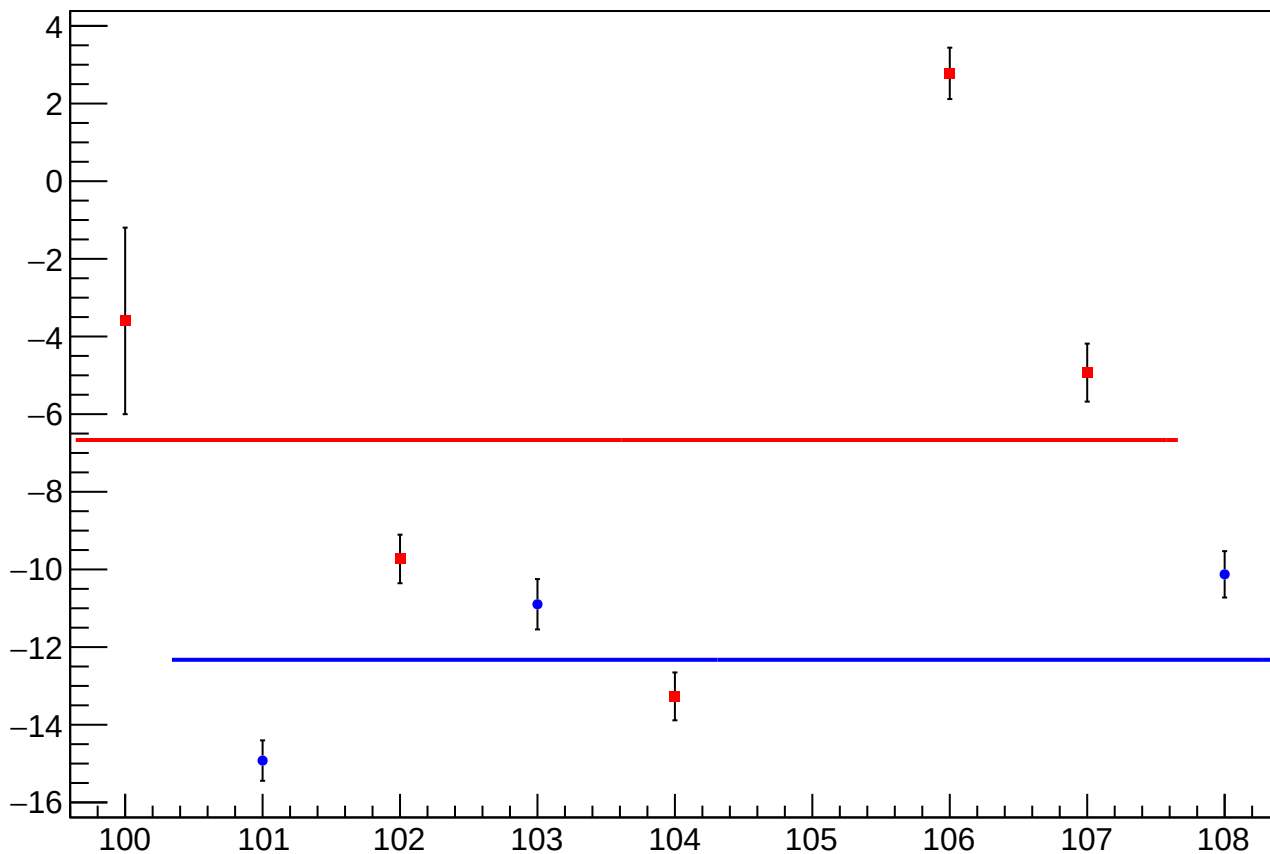
Right: -43.080+/-0.234 χ^2/NDF : 809.0/7

In: -46.044+/-0.358 χ^2/NDF : 129.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -43.080+/-0.234 χ^2/NDF : 809.0/7

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -12.327 $\pm$ 0.336 χ^2 /NDF: 43.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -6.666 $\pm$ 0.326 χ^2 /NDF: 349.2/4

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

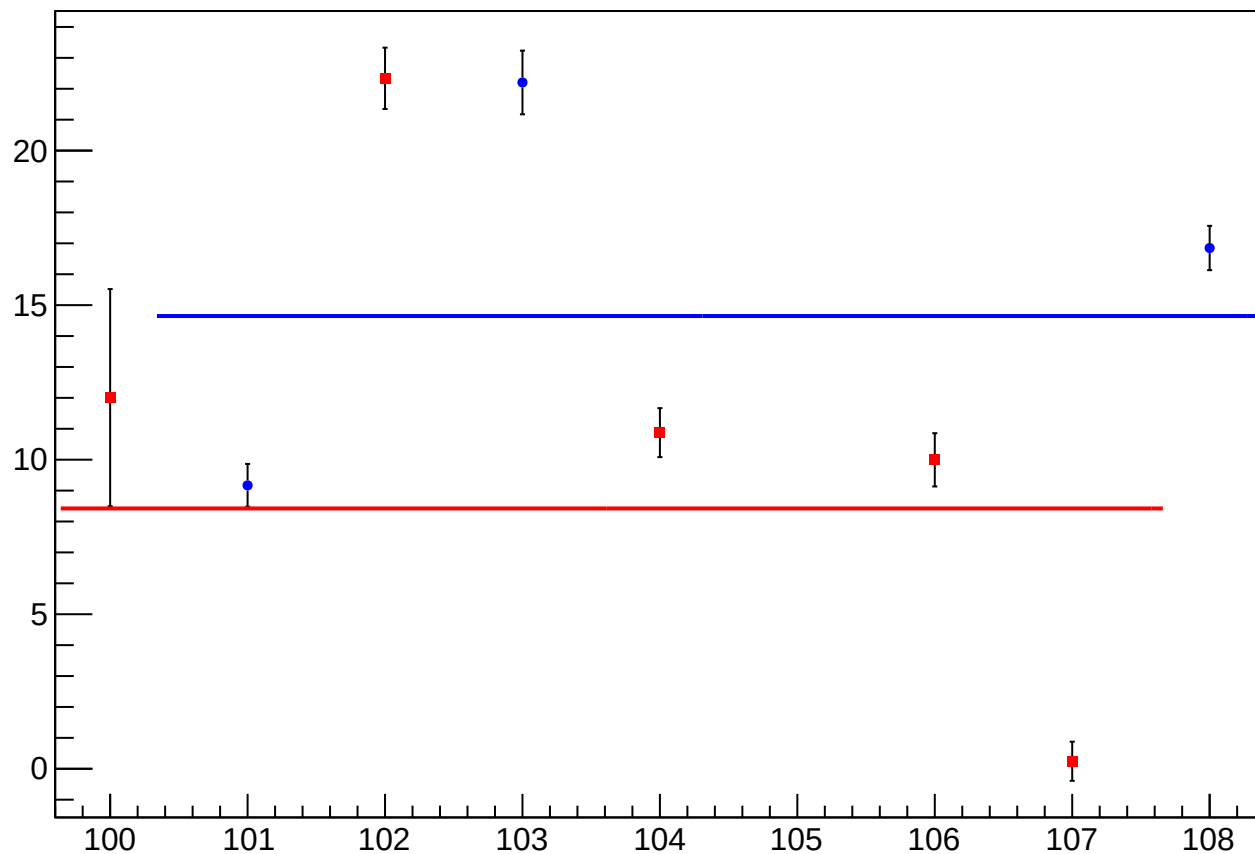
Right: -9.410 $\pm$ 0.234 χ^2 /NDF: 539.0/7

In: -12.327 $\pm$ 0.336 χ^2 /NDF: 43.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -9.410 $\pm$ 0.234 χ^2 /NDF: 539.0/7

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 14.647 $\pm$ 0.449 χ^2 /NDF: 125.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.422 $\pm$ 0.391 χ^2 /NDF: 378.0/4

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

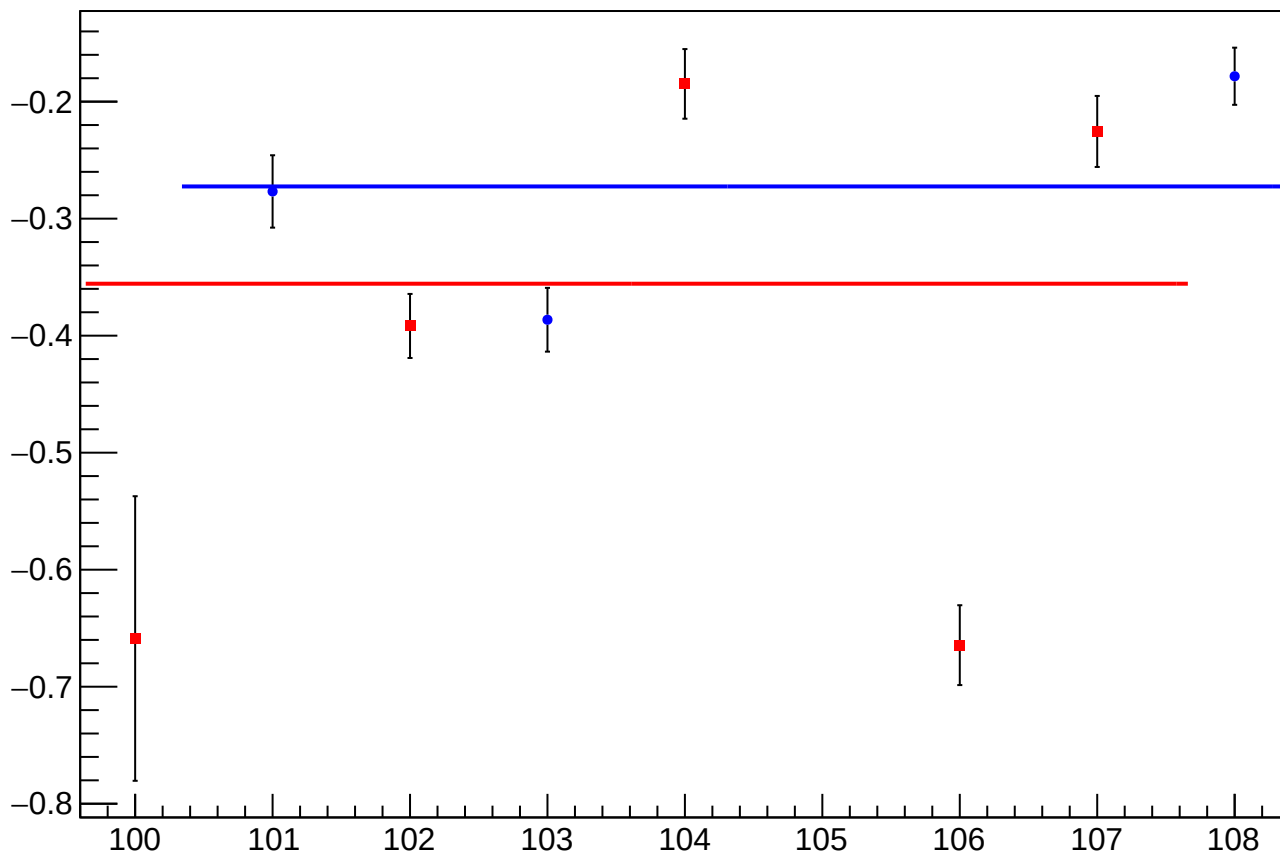
Right: 11.111 $\pm$ 0.295 χ^2 /NDF: 613.2/7

In: 14.647 $\pm$ 0.449 χ^2 /NDF: 125.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.111 $\pm$ 0.295 χ^2 /NDF: 613.2/7

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.272+/-0.016 χ^2 /NDF: 32.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.356+/-0.015 χ^2 /NDF: 141.2/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

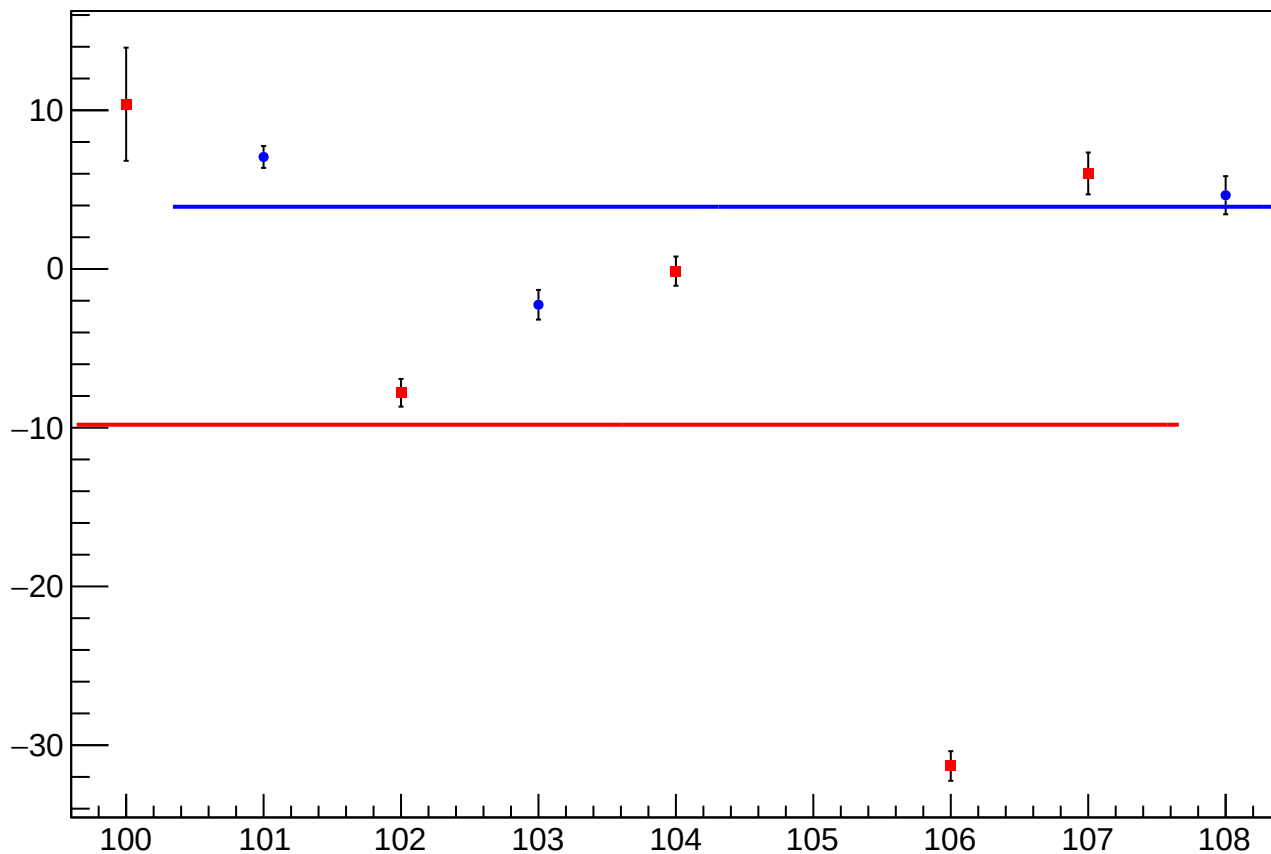
Right: -0.316+/-0.011 χ^2 /NDF: 188.3/7

In: -0.272+/-0.016 χ^2 /NDF:32.4/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.316+/-0.011 χ^2 /NDF: 188.3/7

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 3.921+/-0.504 χ^2/NDF : 64.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.810+/-0.483 χ^2/NDF : 823.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

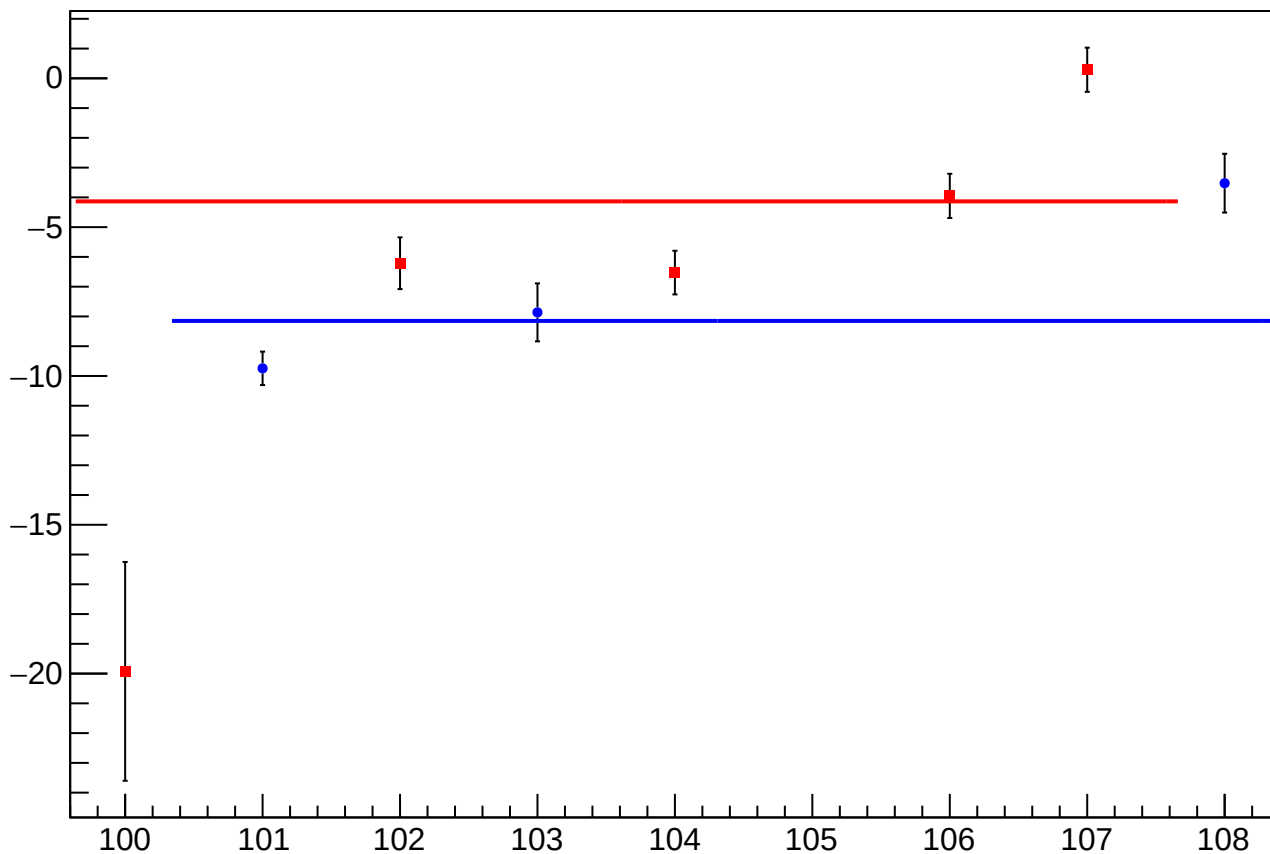
Right: -3.246+/-0.349 χ^2/NDF : 1275.1/7

In: 3.921+/-0.504 χ^2/NDF : 64.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.246+/-0.349 χ^2/NDF : 1275.1/7

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.150 ± 0.437 χ^2/NDF : 30.1/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.134 ± 0.381 χ^2/NDF : 70.4/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

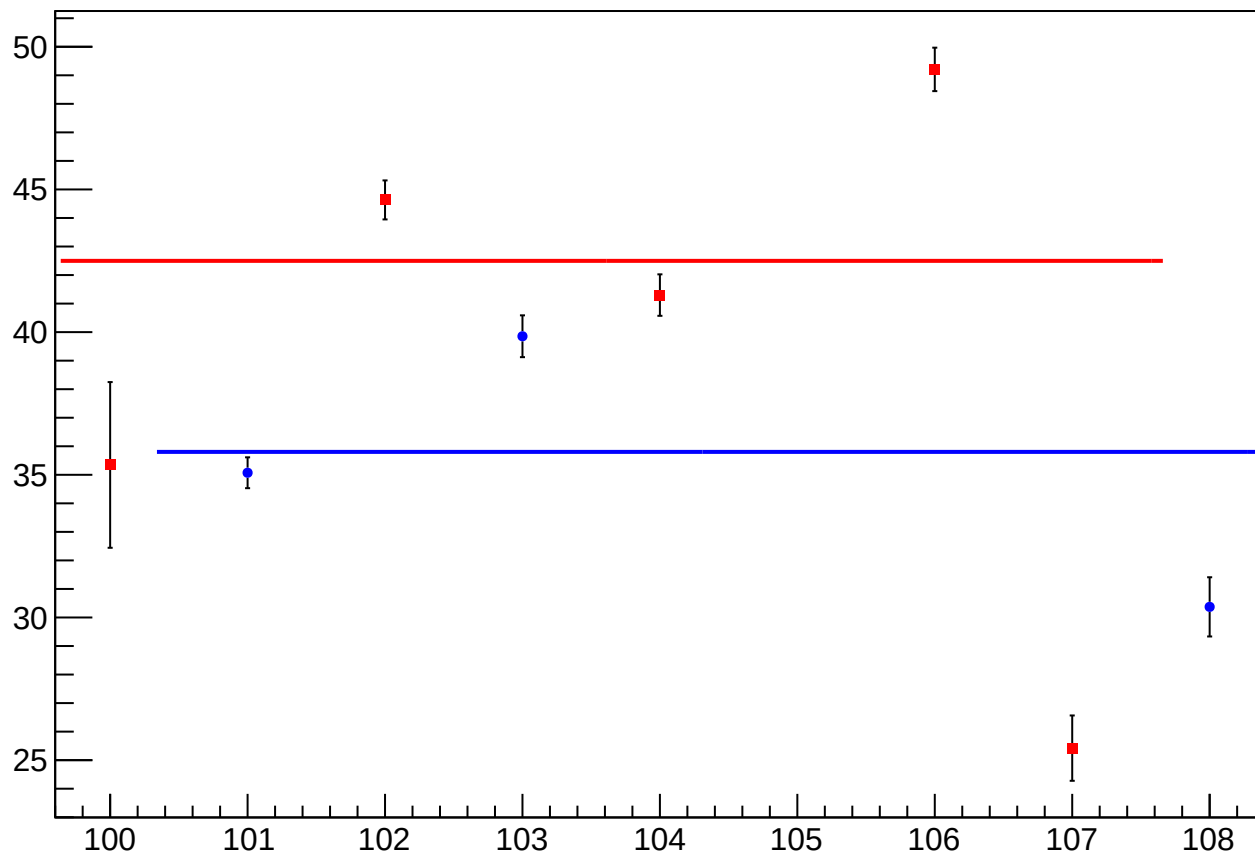
Right: -5.870 ± 0.287 χ^2/NDF : 148.6/7

In: -8.150 ± 0.437 χ^2/NDF : 30.1/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.870 ± 0.287 χ^2/NDF : 148.6/7

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 35.803 $\pm$ 0.401 χ^2 /NDF: 59.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 42.497 $\pm$ 0.388 χ^2 /NDF: 318.8/4

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

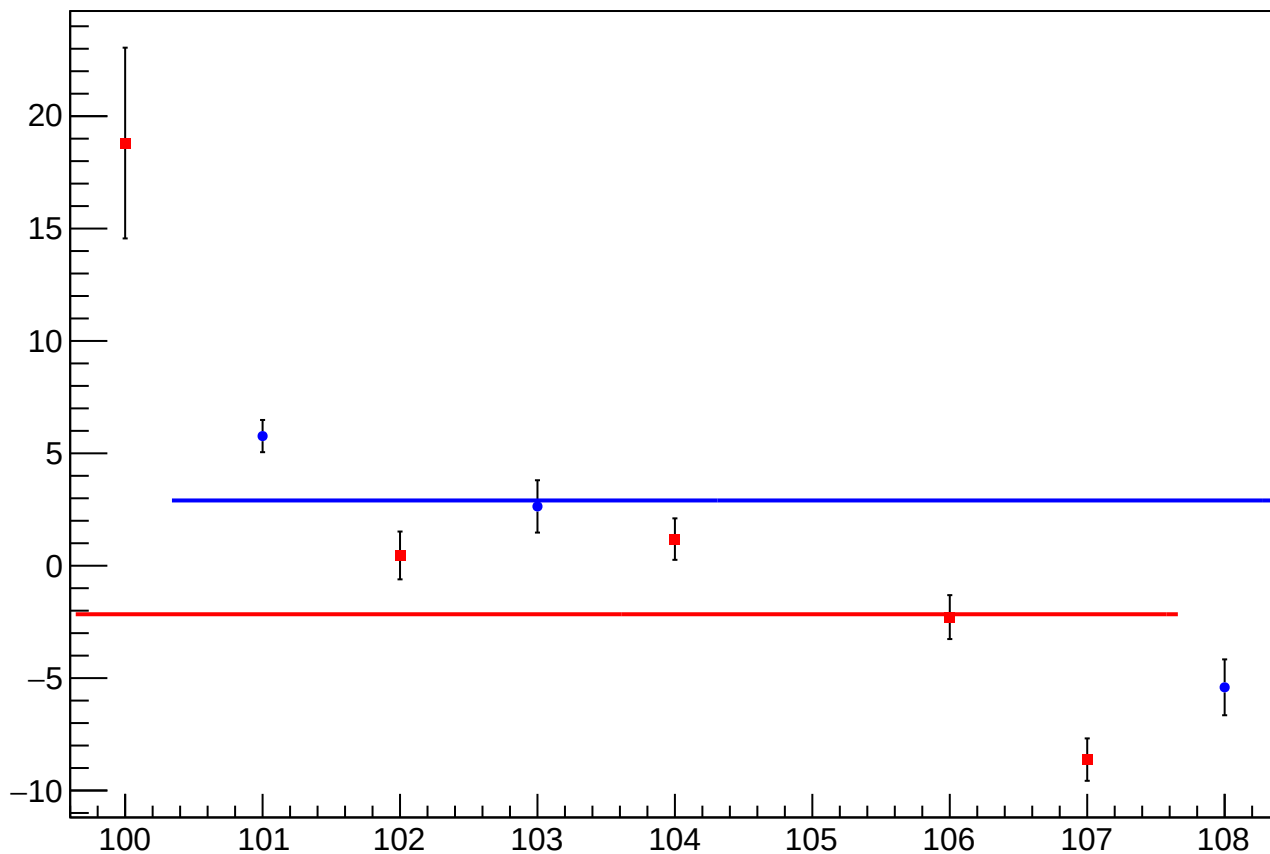
Right: 39.261 $\pm$ 0.279 χ^2 /NDF: 522.4/7

In: 35.803 $\pm$ 0.401 χ^2 /NDF:59.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 39.261 $\pm$ 0.279 χ^2 /NDF: 522.4/7

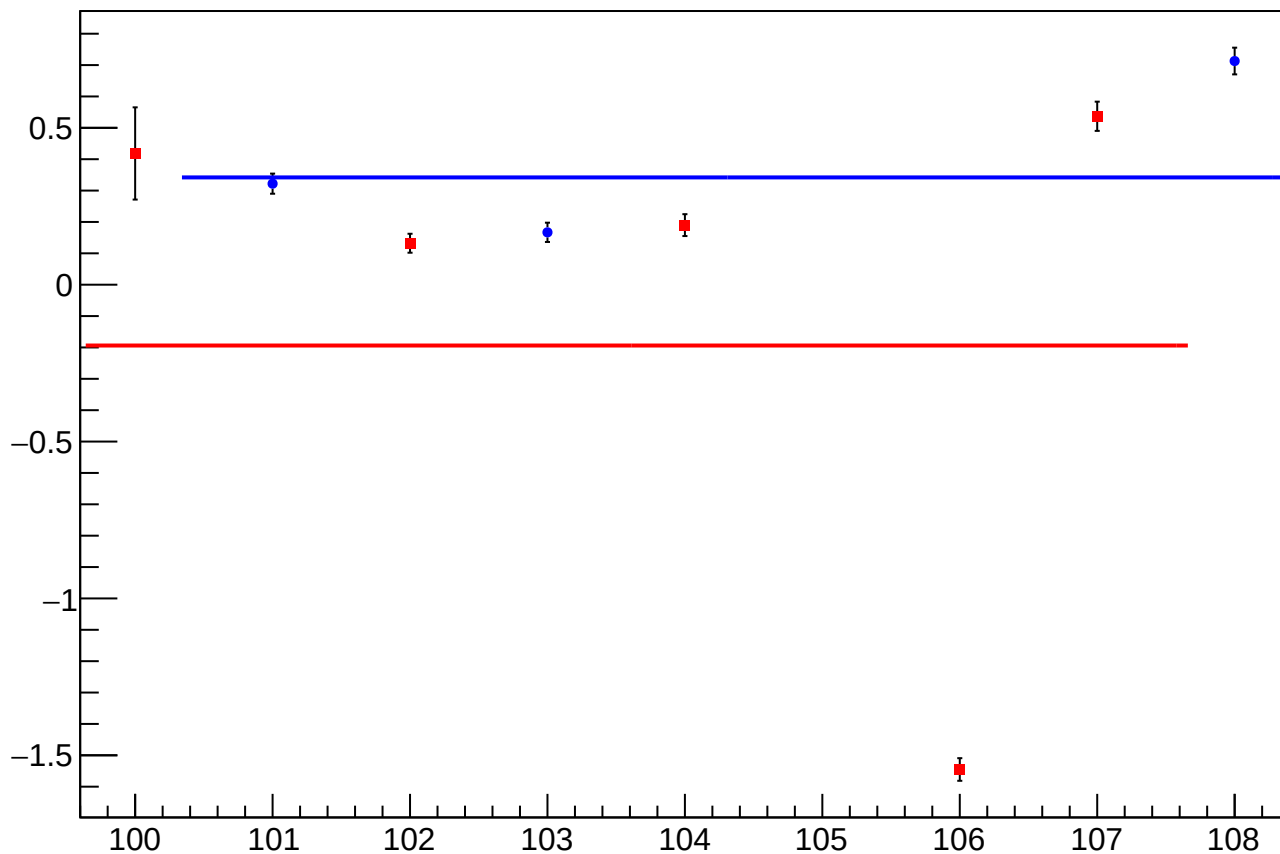
reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.903+/-0.548 χ^2/NDF : 60.8/2
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -2.159+/-0.483 χ^2/NDF : 90.6/4
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.056+/-0.362 χ^2/NDF : 199.4/7
 In: 2.903+/-0.548 χ^2/NDF :60.8/2
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.056+/-0.362 χ^2/NDF : 199.4/7

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.342+/-0.020 χ^2/NDF : 108.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.194+/-0.018 χ^2/NDF : 1905.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

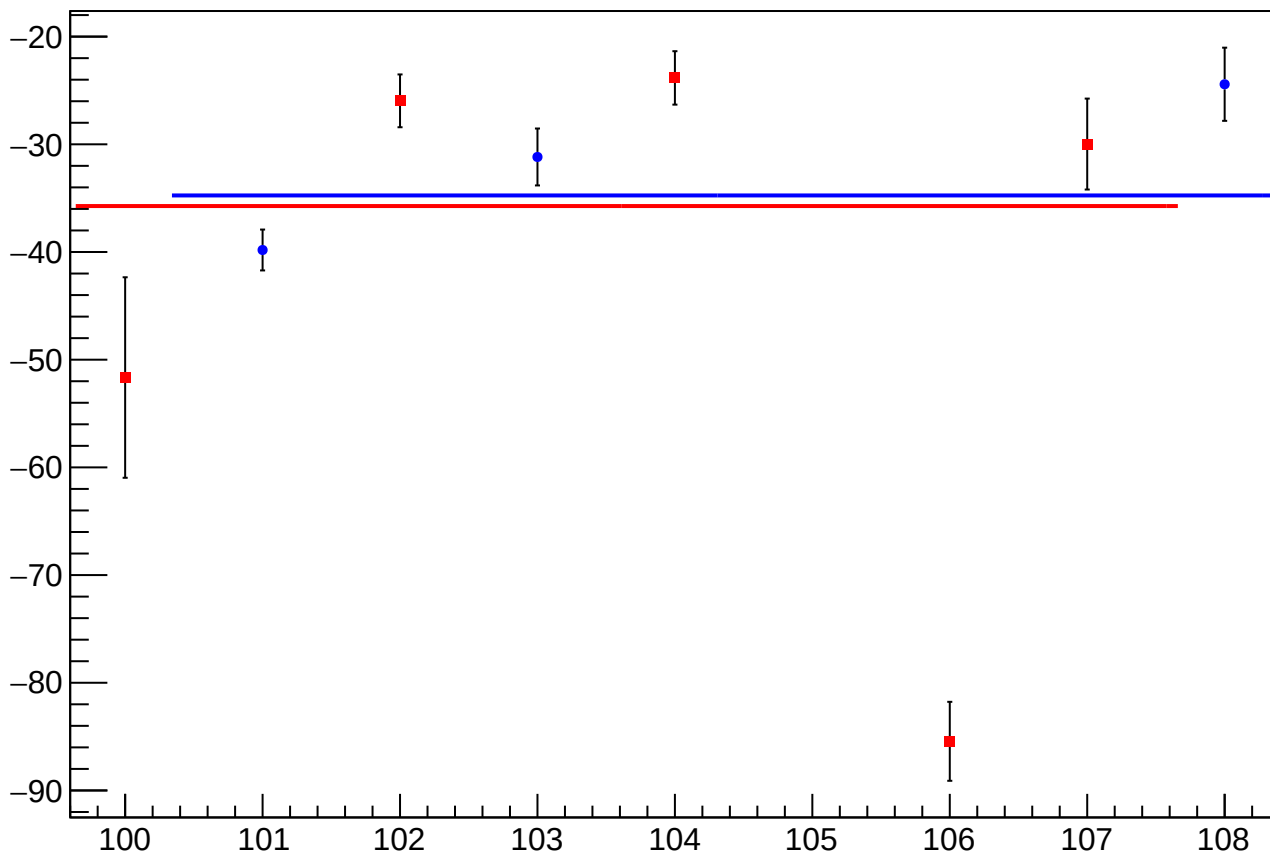
Right: 0.046+/-0.013 χ^2/NDF : 2423.9/7

In: 0.342+/-0.020 χ^2/NDF : 108.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.046+/-0.013 χ^2/NDF : 2423.9/7

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -34.749+/-1.404 χ^2/NDF : 18.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -35.734+/-1.457 χ^2/NDF : 227.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

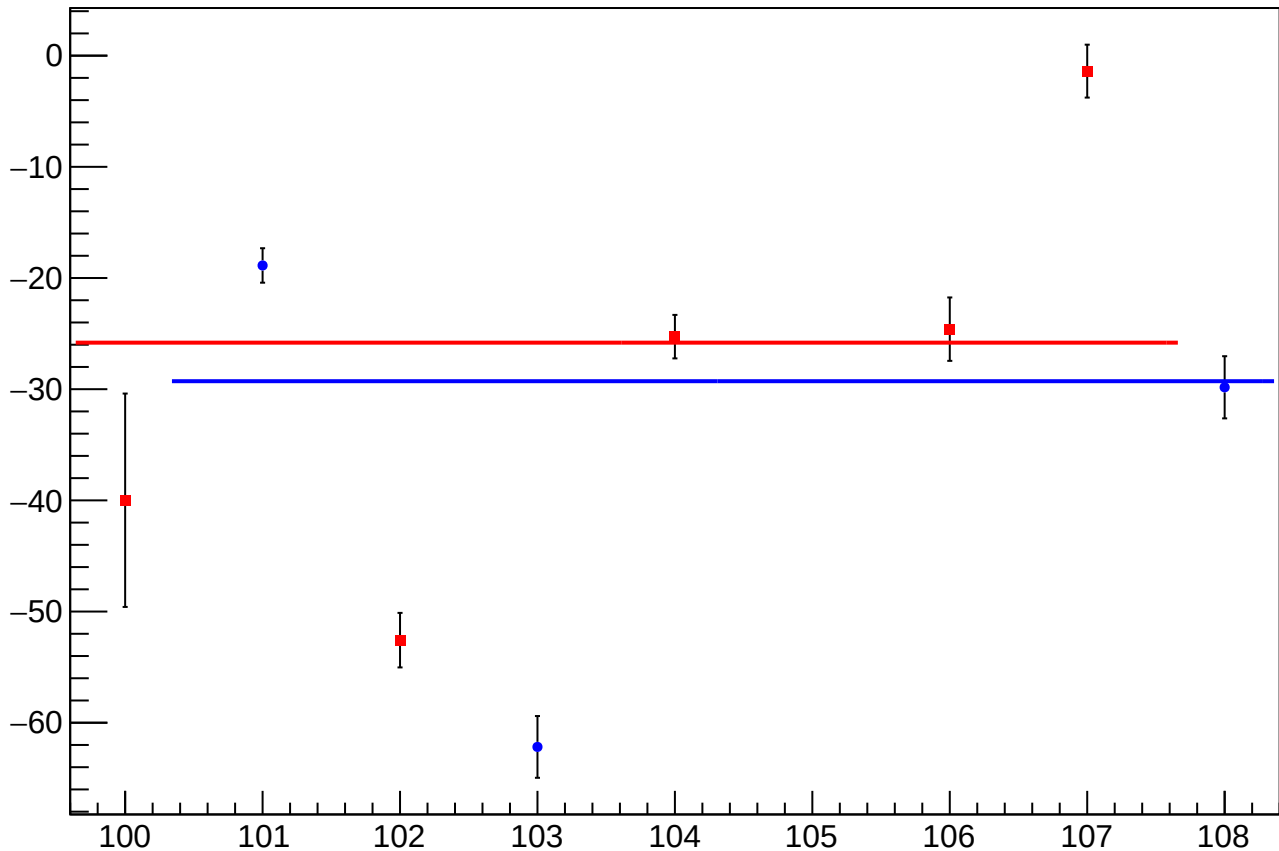
Right: -35.223+/-1.011 χ^2/NDF : 245.9/7

In: -34.749+/-1.404 χ^2/NDF : 18.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.223+/-1.011 χ^2/NDF : 245.9/7

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -29.281+/-1.218 χ^2/NDF : 185.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.814+/-1.164 χ^2/NDF : 226.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

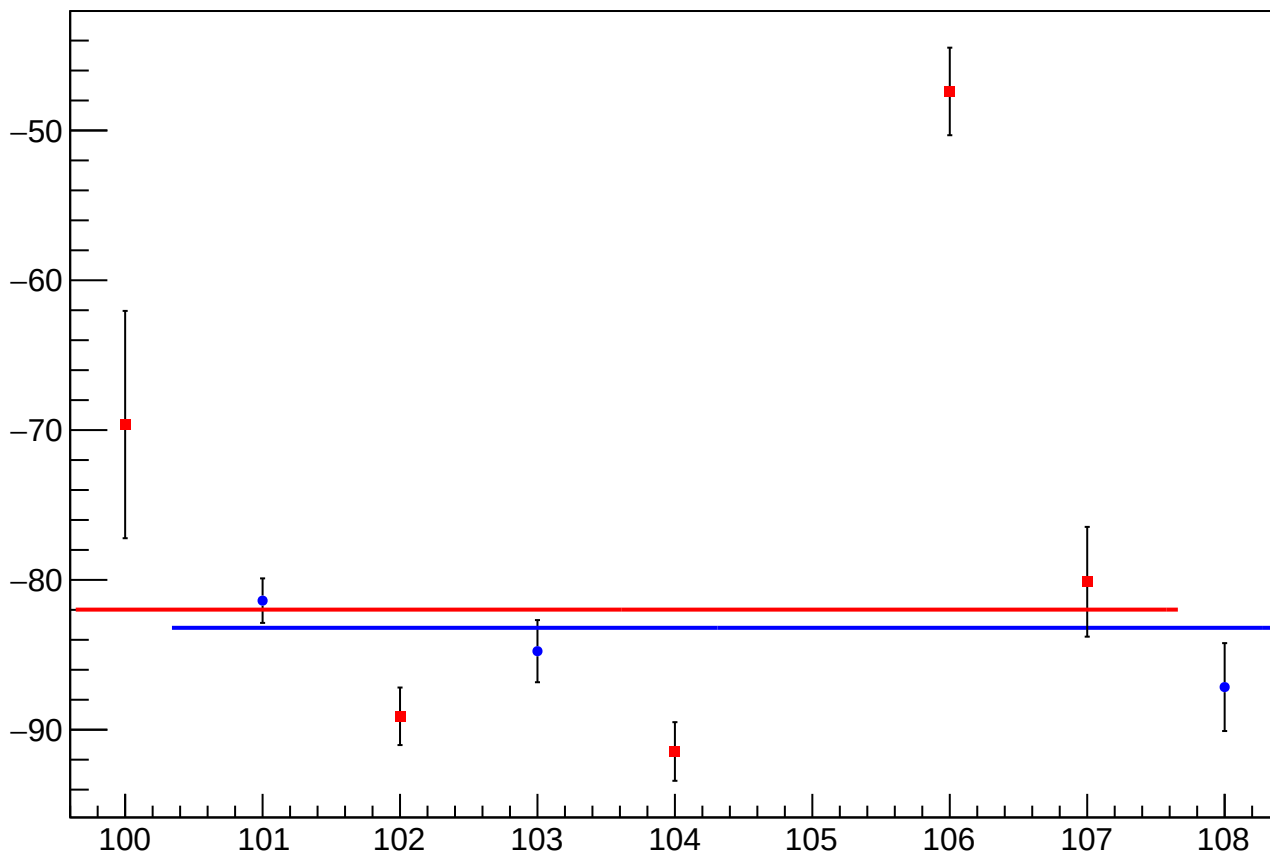
Right: -27.469+/-0.842 χ^2/NDF : 416.4/7

In: -29.281+/-1.218 χ^2/NDF : 185.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.469+/-0.842 χ^2/NDF : 416.4/7

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -83.199+/-1.117 χ^2/NDF : 3.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -81.984+/-1.161 χ^2/NDF : 180.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

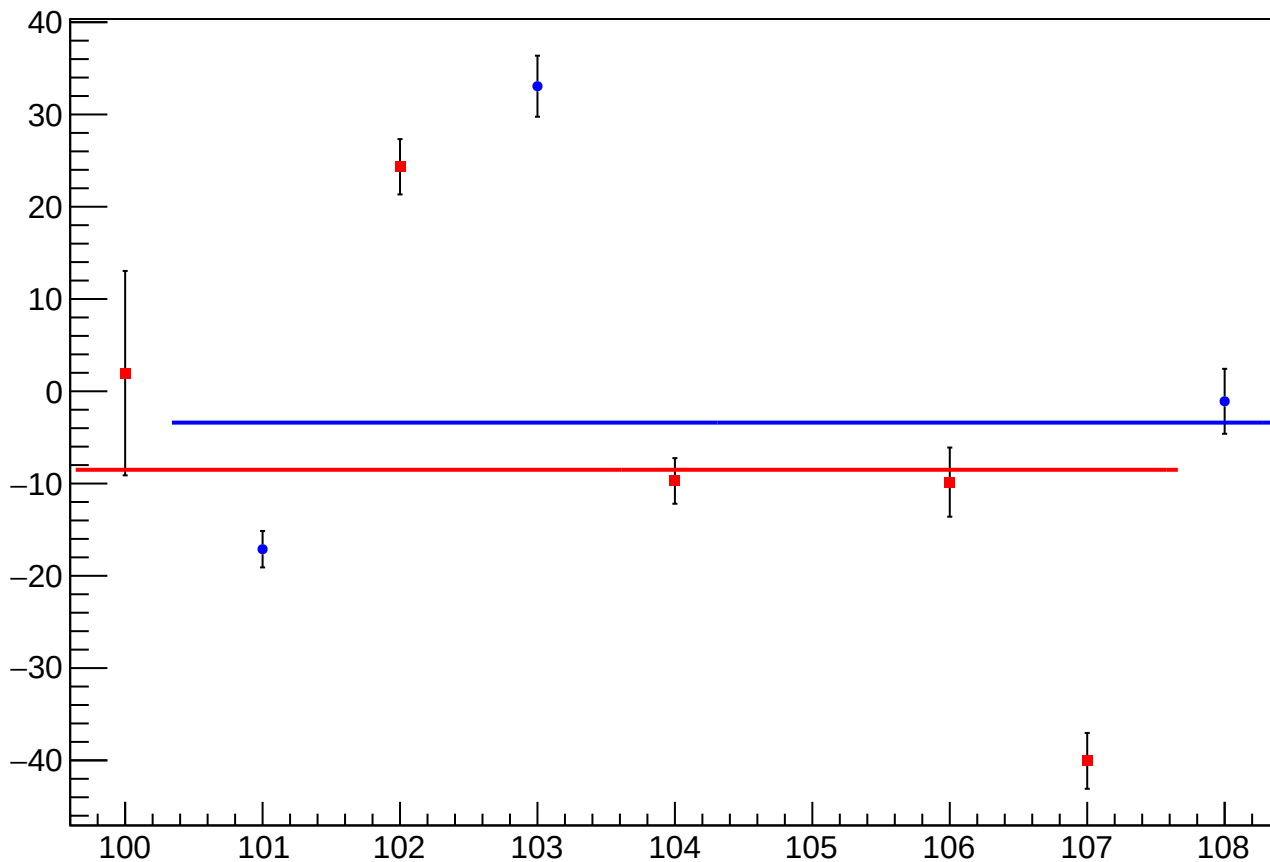
Right: -82.615+/-0.805 χ^2/NDF : 184.6/7

In: -83.199+/-1.117 χ^2/NDF : 3.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -82.615+/-0.805 χ^2/NDF : 184.6/7

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -3.397+/-1.528 χ^2/NDF : 169.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.508+/-1.469 χ^2/NDF : 230.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

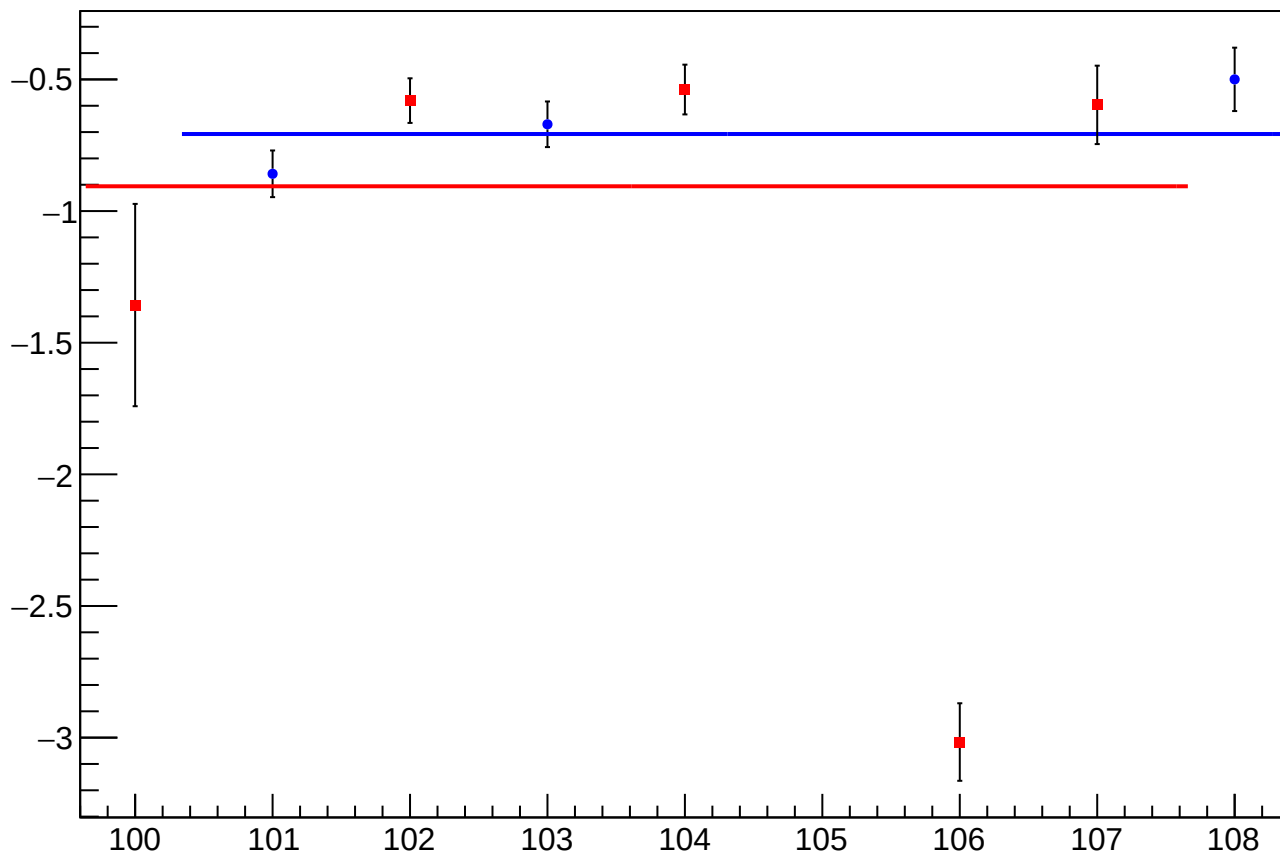
Right: -6.054+/-1.059 χ^2/NDF : 405.7/7

In: -3.397+/-1.528 χ^2/NDF : 169.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.054+/-1.059 χ^2/NDF : 405.7/7

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.707+/-0.055 χ^2 /NDF: 6.1/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.906+/-0.054 χ^2 /NDF: 241.1/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

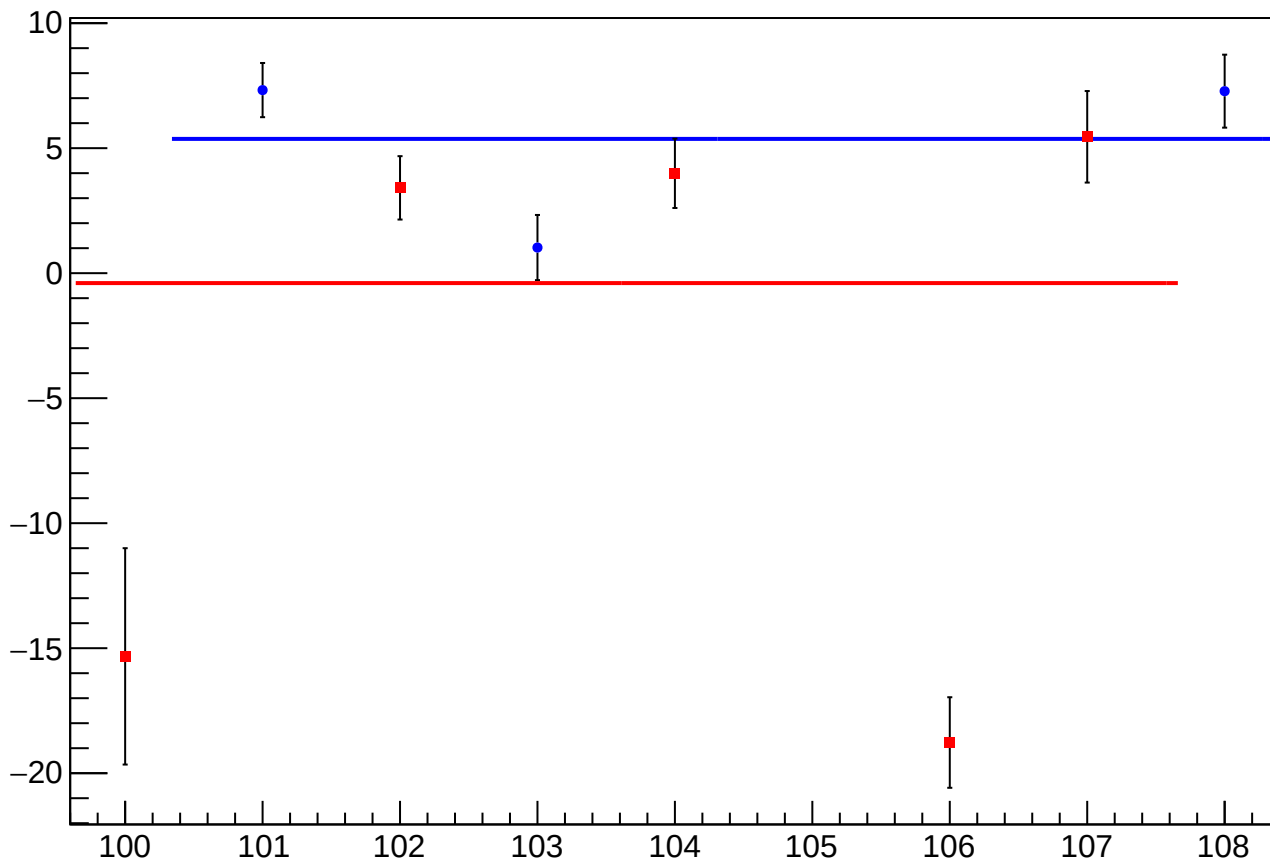
Right: -0.809+/-0.038 χ^2 /NDF: 253.8/7

In: -0.707+/-0.055 χ^2 /NDF:6.1/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.809+/-0.038 χ^2 /NDF: 253.8/7

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 5.371+/-0.724 χ^2/NDF : 16.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.396+/-0.746 χ^2/NDF : 144.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

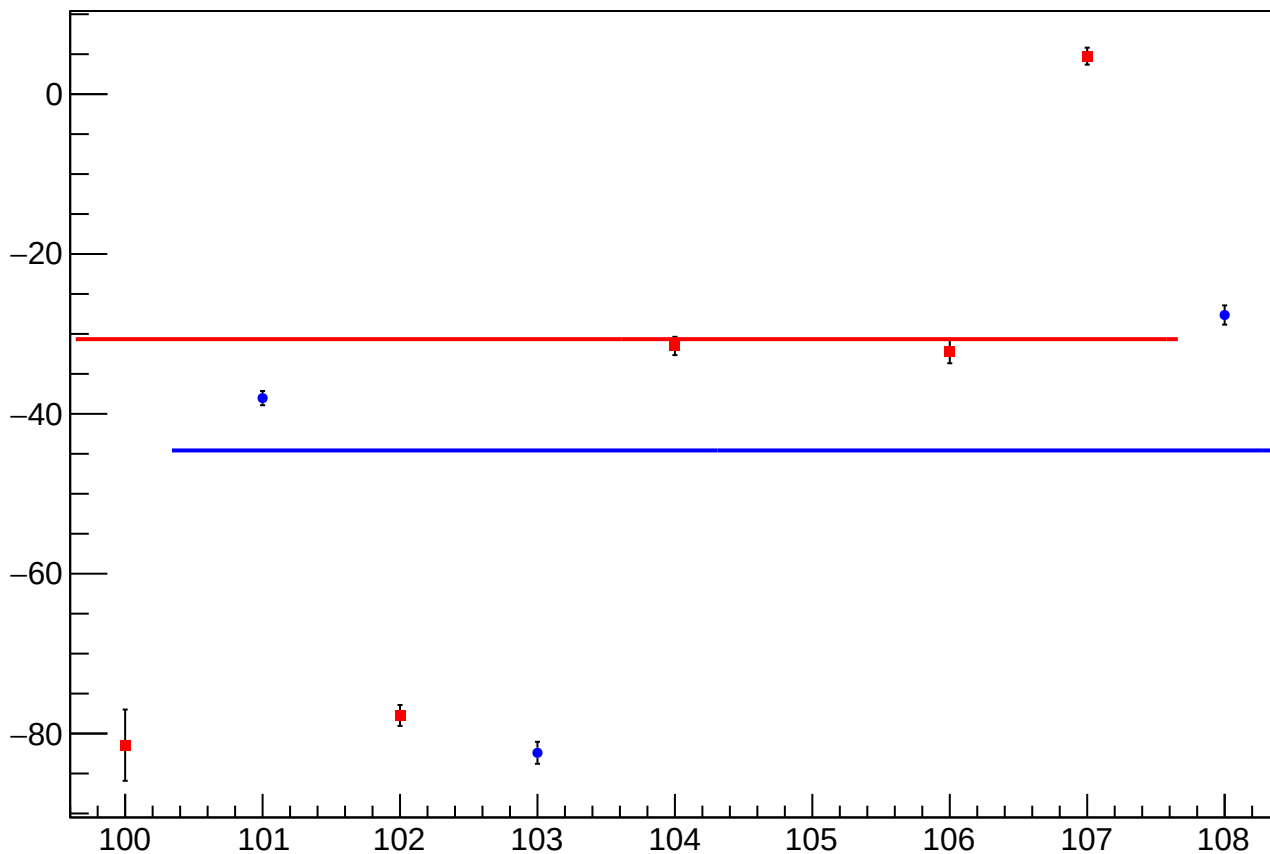
Right: 2.573+/-0.519 χ^2/NDF : 191.0/7

In: 5.371+/-0.724 χ^2/NDF : 16.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.573+/-0.519 χ^2/NDF : 191.0/7

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -44.579+/-0.635 χ^2/NDF : 1008.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -30.655+/-0.603 χ^2/NDF : 2537.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

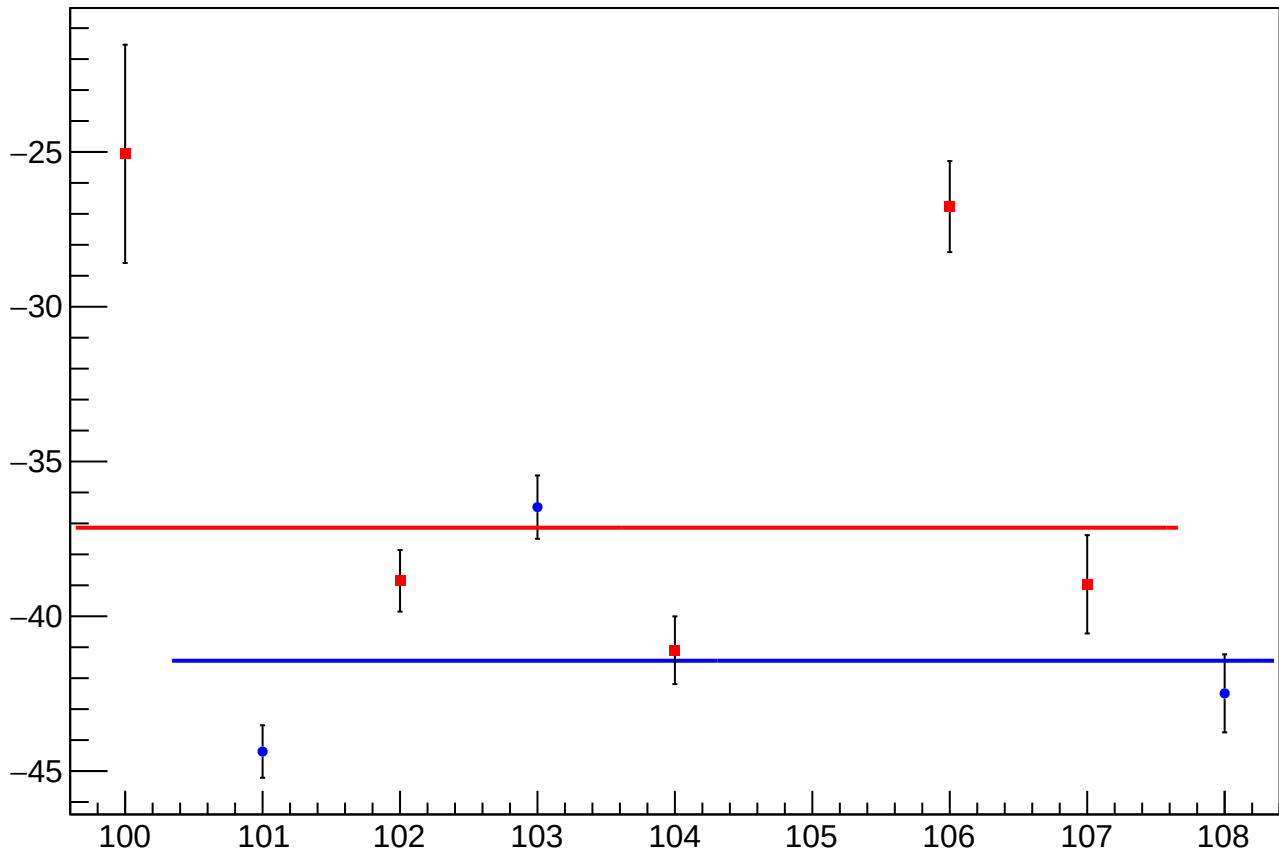
Right: -37.260+/-0.437 χ^2/NDF : 3798.7/7

In: -44.579+/-0.635 χ^2/NDF : 1008.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.260+/-0.437 χ^2/NDF : 3798.7/7

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -41.436 $\pm$ 0.580 χ^2 /NDF: 36.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -37.138 $\pm$ 0.599 χ^2 /NDF: 78.9/4

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

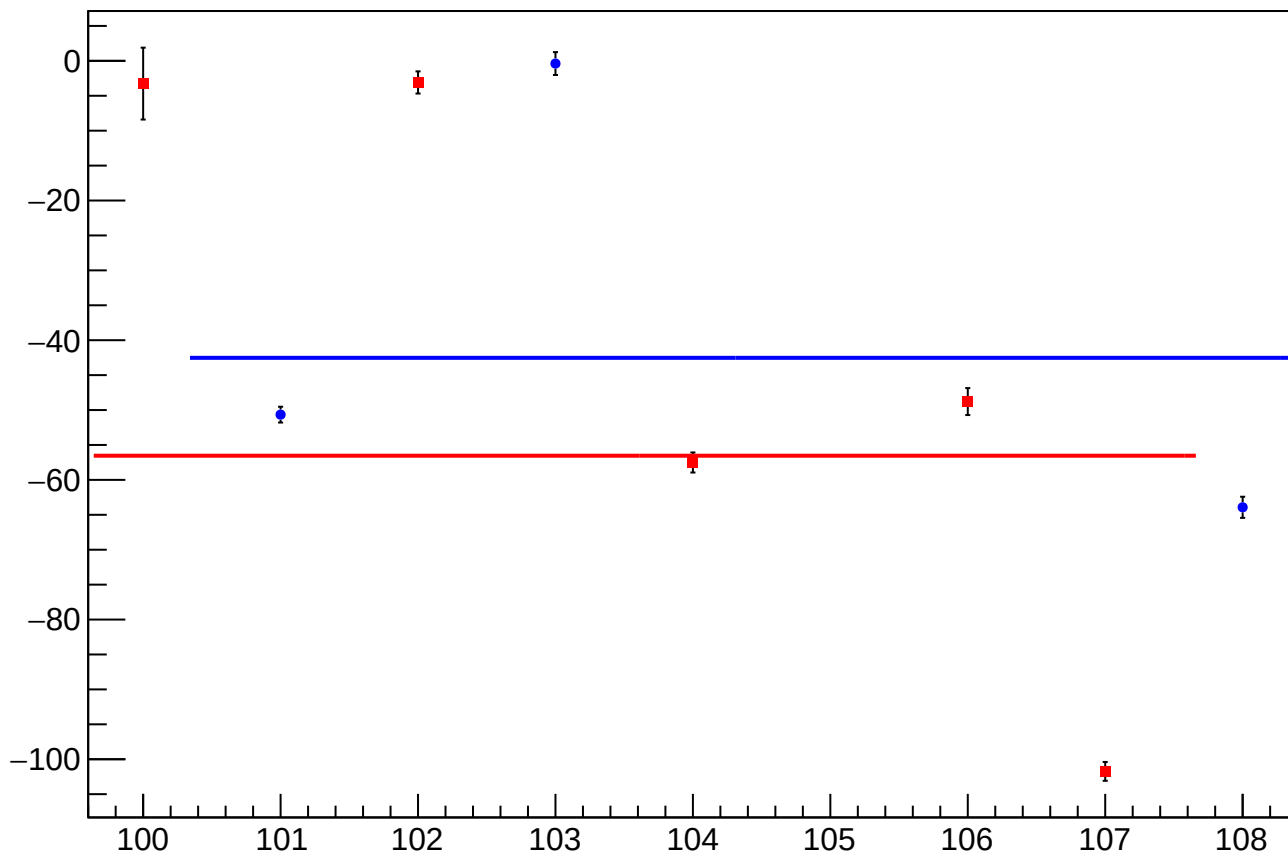
Right: -39.356 $\pm$ 0.417 χ^2 /NDF: 141.7/7

In: -41.436 $\pm$ 0.580 χ^2 /NDF: 36.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -39.356 $\pm$ 0.417 χ^2 /NDF: 141.7/7

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -42.524 $\pm$ 0.793 χ^2 /NDF: 912.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -56.540 $\pm$ 0.758 χ^2 /NDF: 2381.9/4

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

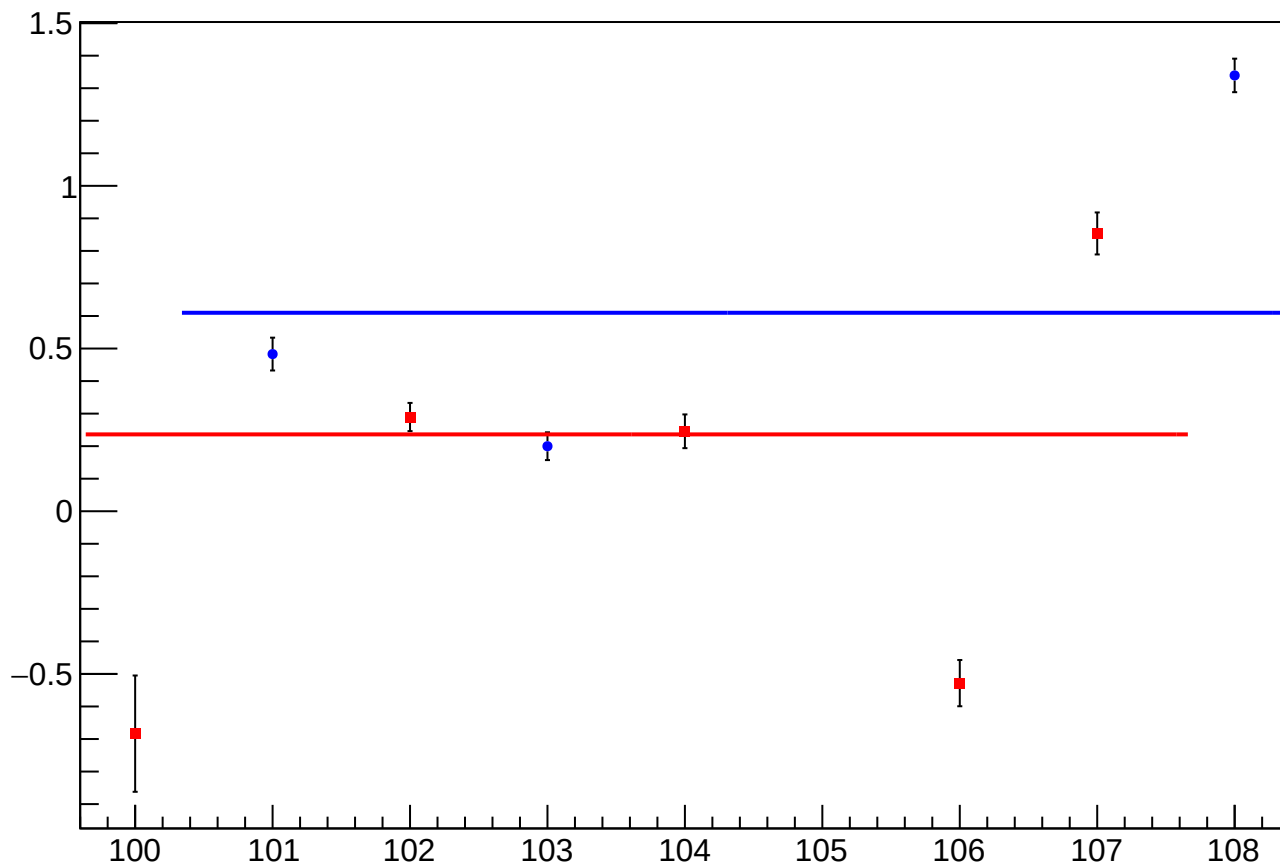
Right: -49.845 $\pm$ 0.548 χ^2 /NDF: 3457.8/7

In: -42.524 $\pm$ 0.793 χ^2 /NDF: 912.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -49.845 $\pm$ 0.548 χ^2 /NDF: 3457.8/7

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.610 $\pm$ 0.028 χ^2 /NDF: 299.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.236 $\pm$ 0.027 χ^2 /NDF: 235.3/4

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

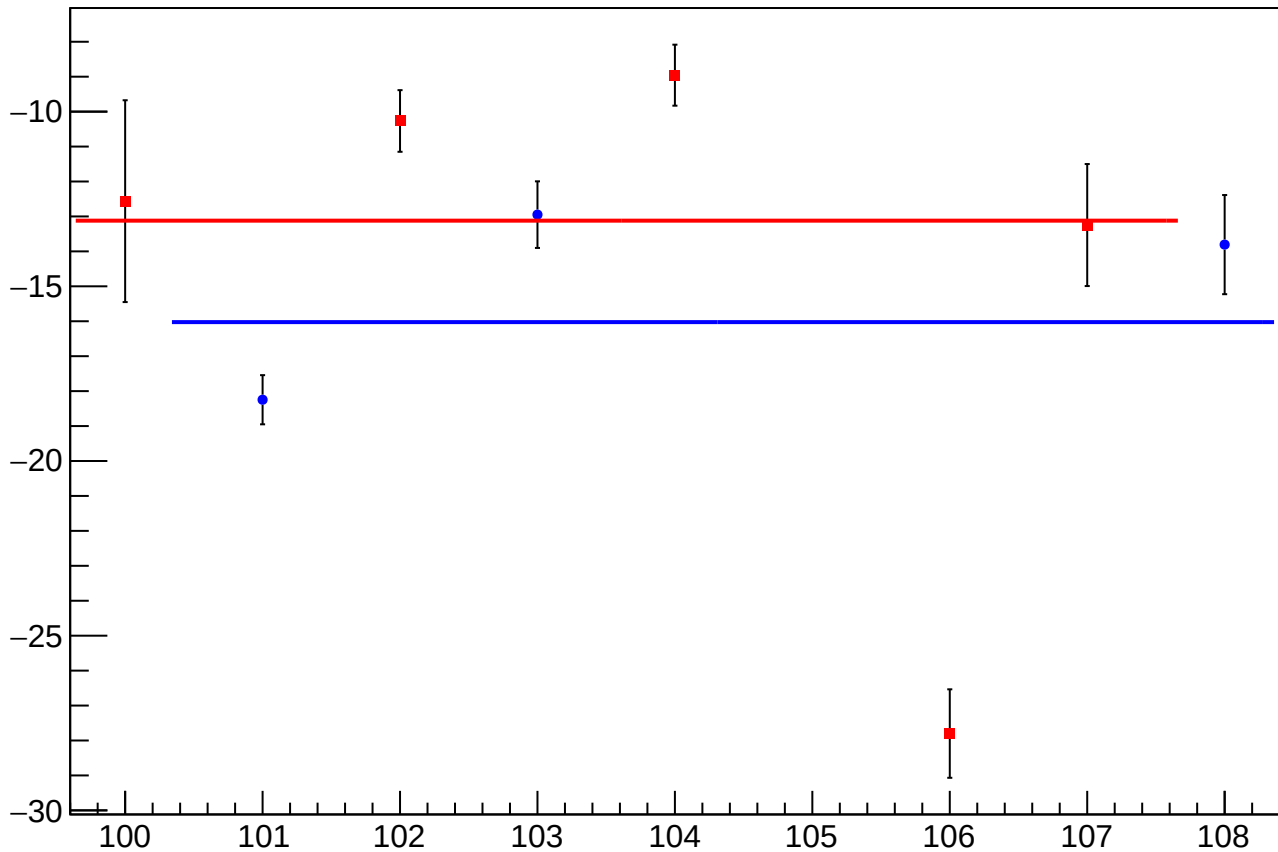
Right: 0.419 $\pm$ 0.019 χ^2 /NDF: 628.6/7

In: 0.610 $\pm$ 0.028 χ^2 /NDF: 299.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.419 $\pm$ 0.019 χ^2 /NDF: 628.6/7

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -16.025 $\pm$ 0.526 χ^2 /NDF: 22.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -13.121 $\pm$ 0.522 χ^2 /NDF: 167.7/4

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

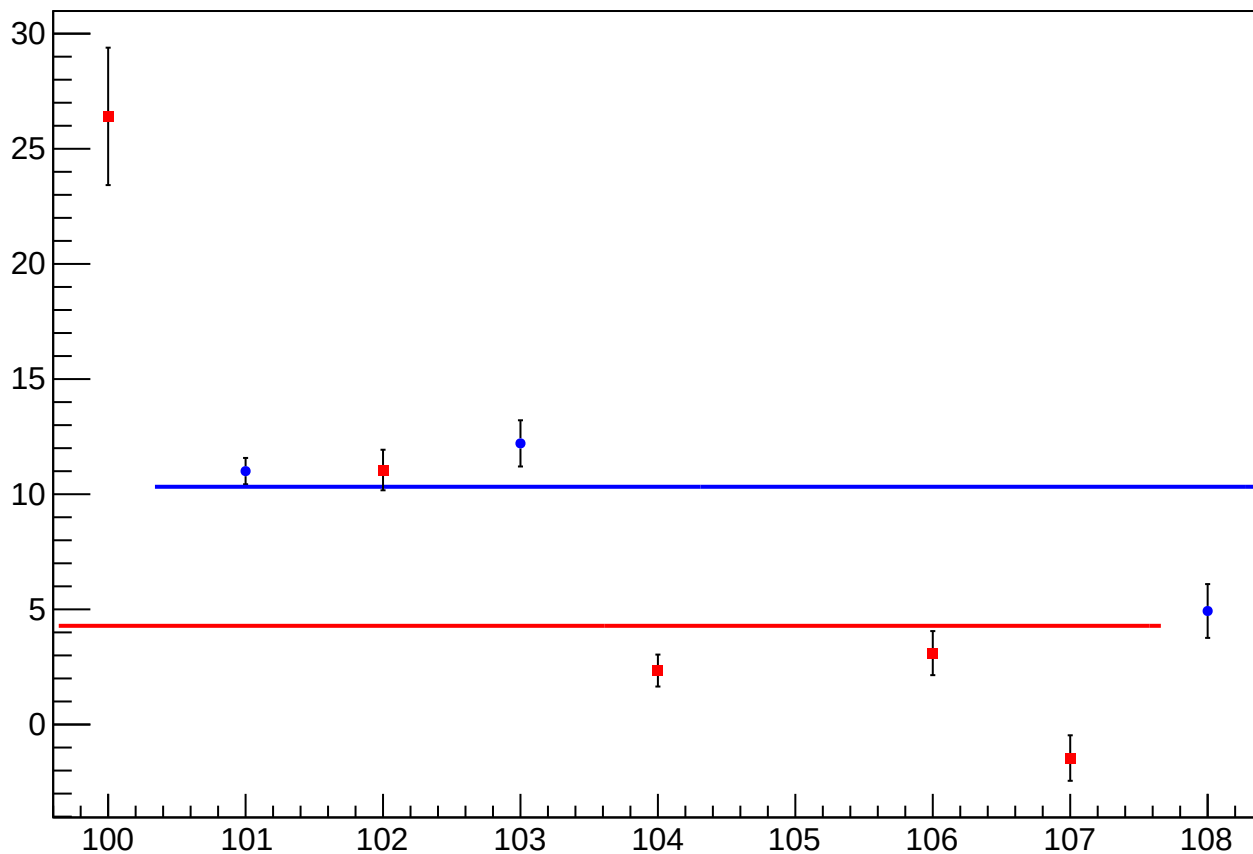
Right: -14.562 $\pm$ 0.370 χ^2 /NDF: 205.8/7

In: -16.025 $\pm$ 0.526 χ^2 /NDF: 22.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.562 $\pm$ 0.370 χ^2 /NDF: 205.8/7

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.324+/-0.457 χ^2/NDF : 26.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.286+/-0.423 χ^2/NDF : 157.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

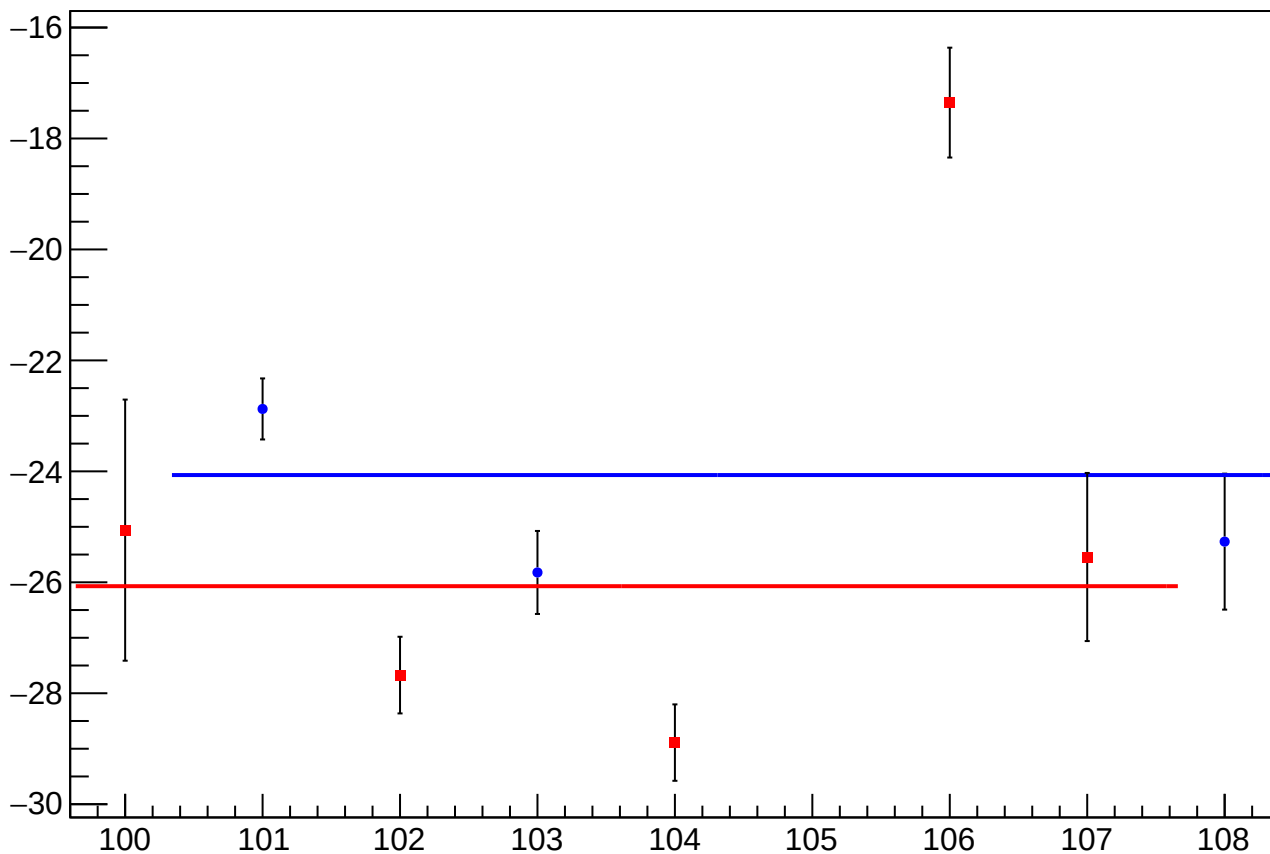
Right: 7.068+/-0.310 χ^2/NDF : 277.5/7

In: 10.324+/-0.457 χ^2/NDF : 26.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.068+/-0.310 χ^2/NDF : 277.5/7

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -24.067+/-0.417 χ^2/NDF : 11.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -26.070+/-0.414 χ^2/NDF : 99.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

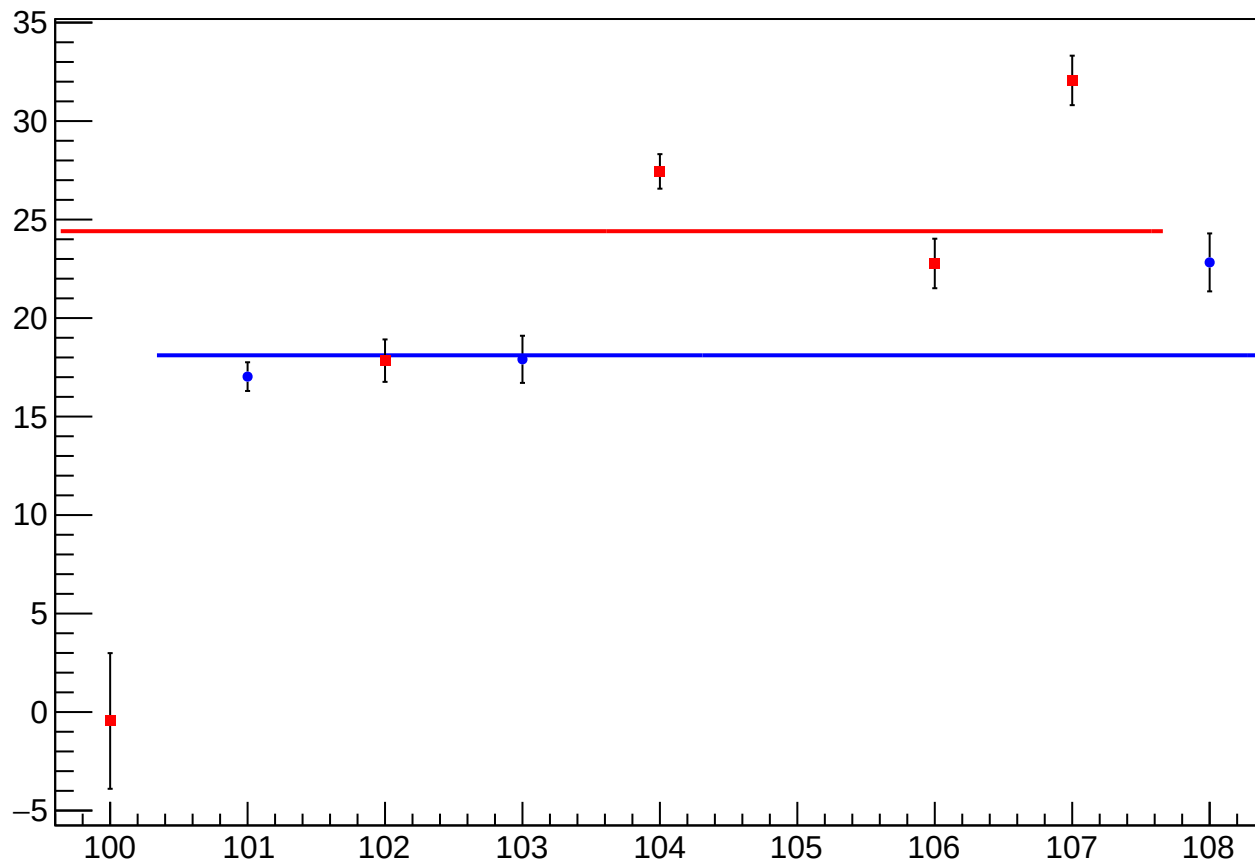
Right: -25.076+/-0.294 χ^2/NDF : 122.7/7

In: -24.067+/-0.417 χ^2/NDF : 11.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.076+/-0.294 χ^2/NDF : 122.7/7

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 18.110+/-0.573 χ^2/NDF : 12.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.410+/-0.533 χ^2/NDF : 140.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

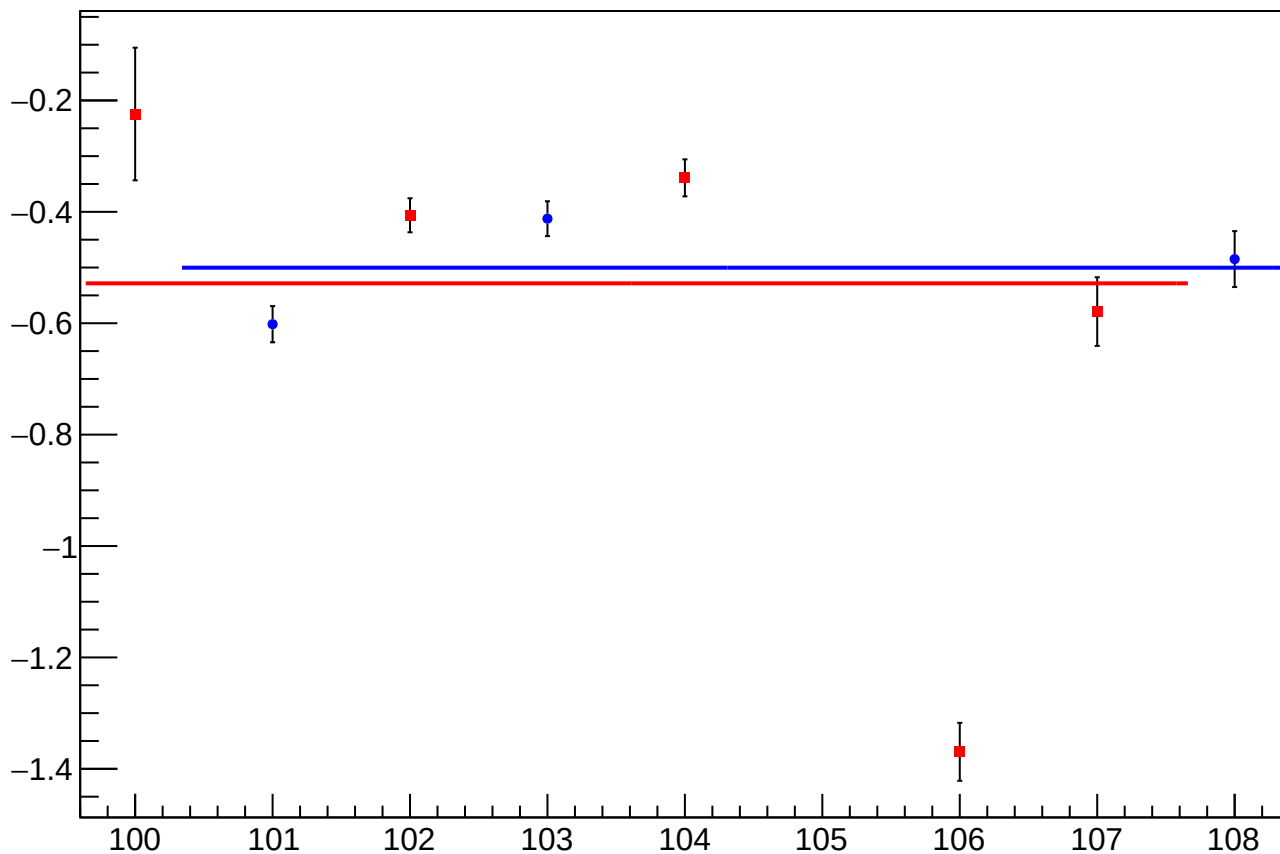
Right: 21.486+/-0.390 χ^2/NDF : 217.5/7

In: 18.110+/-0.573 χ^2/NDF : 12.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.486+/-0.390 χ^2/NDF : 217.5/7

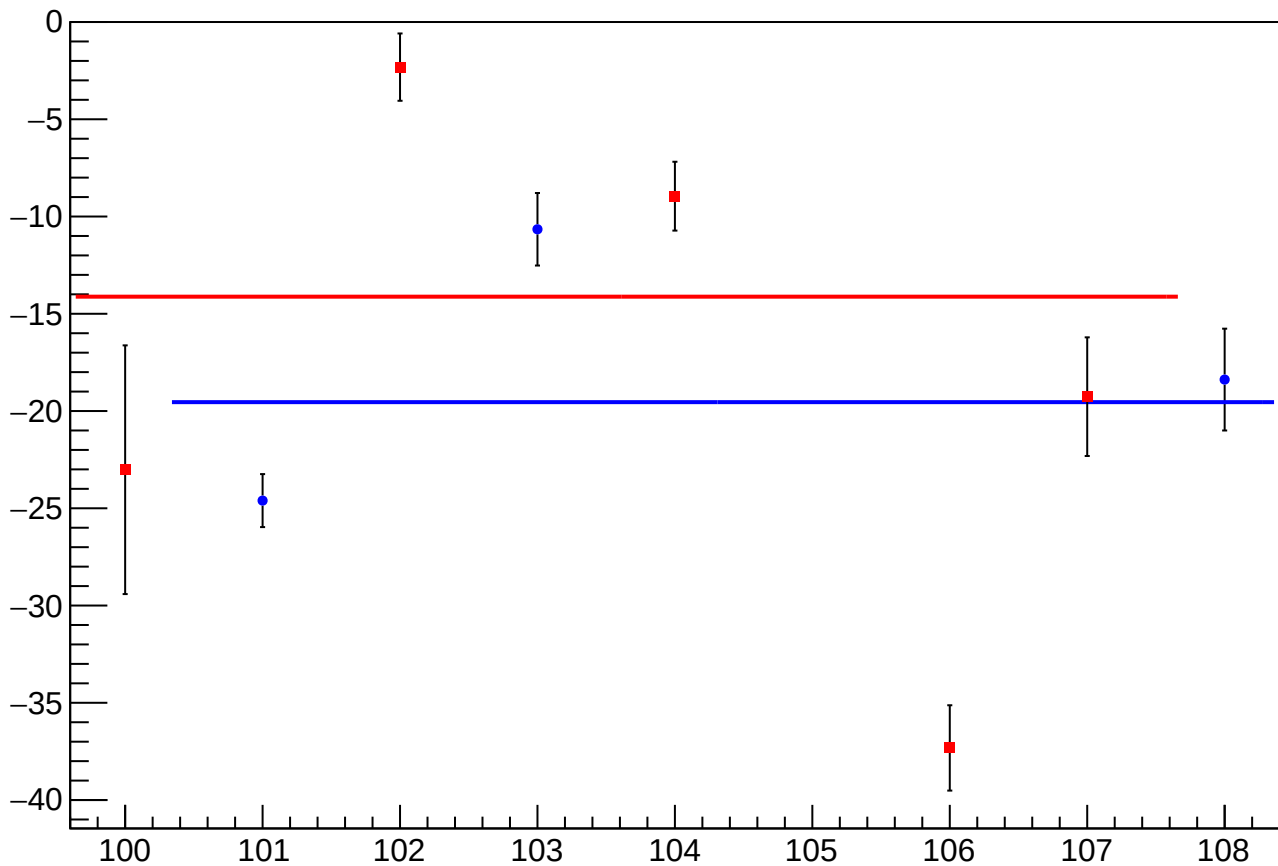
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.500+/-0.021 χ^2/NDF : 17.7/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.528+/-0.019 χ^2/NDF : 317.0/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.515+/-0.014 χ^2/NDF : 335.8/7
 In: -0.500+/-0.021 χ^2/NDF : 17.7/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.515+/-0.014 χ^2/NDF : 335.8/7

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -19.543 ± 1.014 $\chi^2/\text{NDF}: 36.7/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -14.120 ± 1.004 $\chi^2/\text{NDF}: 171.6/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

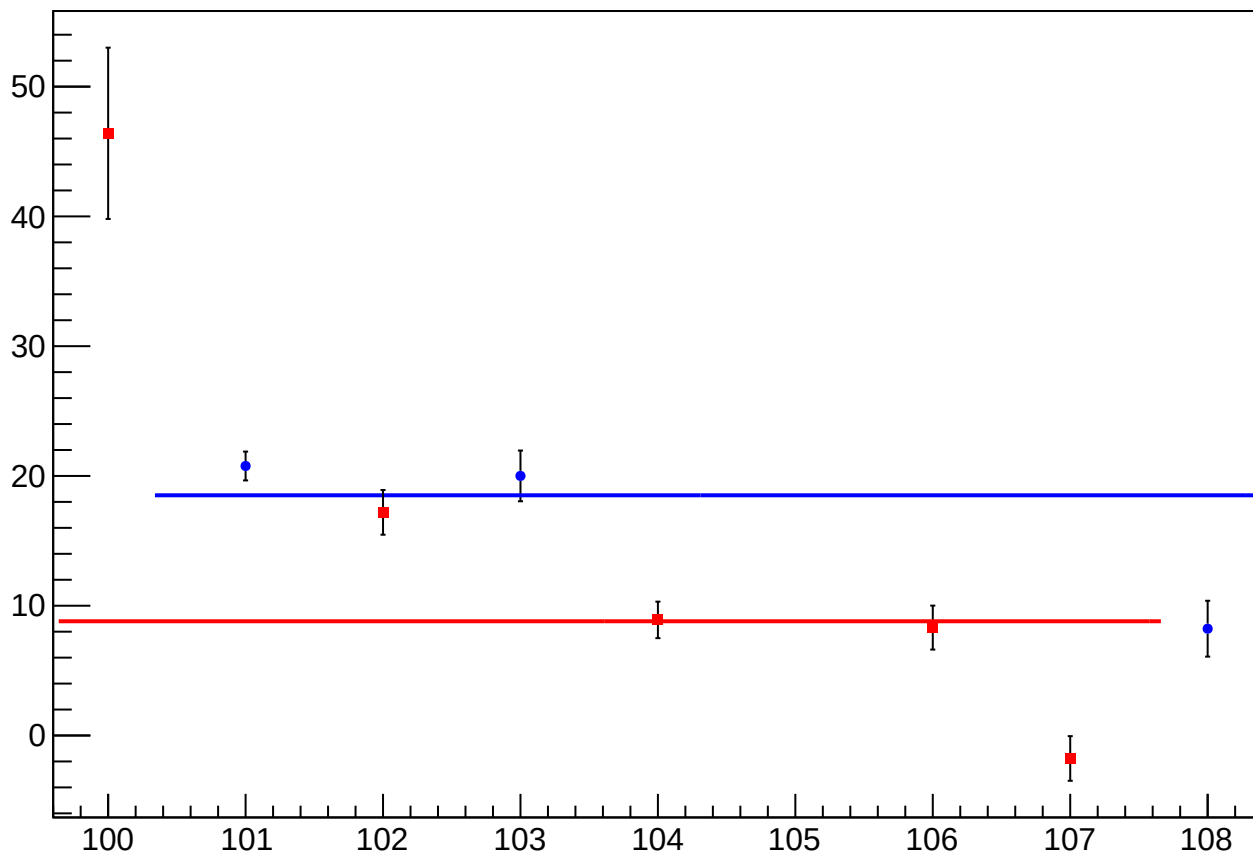
Right: -16.803 ± 0.713 $\chi^2/\text{NDF}: 222.8/7$

In: -19.543 ± 1.014 $\chi^2/\text{NDF}: 36.7/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -16.803 ± 0.713 $\chi^2/\text{NDF}: 222.8/7$

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.510+/-0.881 χ^2/NDF : 27.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.803+/-0.803 χ^2/NDF : 94.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

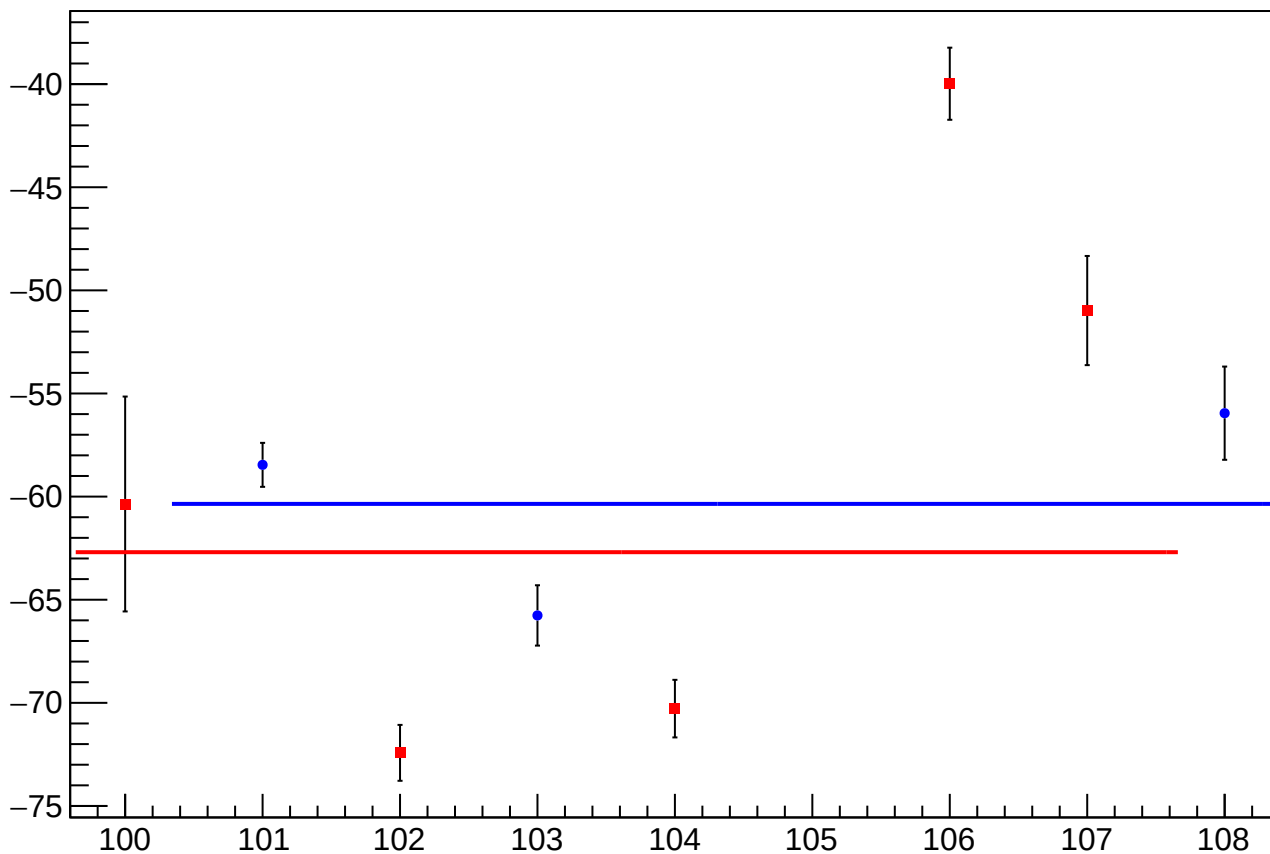
Right: 13.205+/-0.593 χ^2/NDF : 187.9/7

In: 18.510+/-0.881 χ^2/NDF : 27.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.205+/-0.593 χ^2/NDF : 187.9/7

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -60.353+/-0.805 χ^2/NDF : 20.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -62.695+/-0.800 χ^2/NDF : 269.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

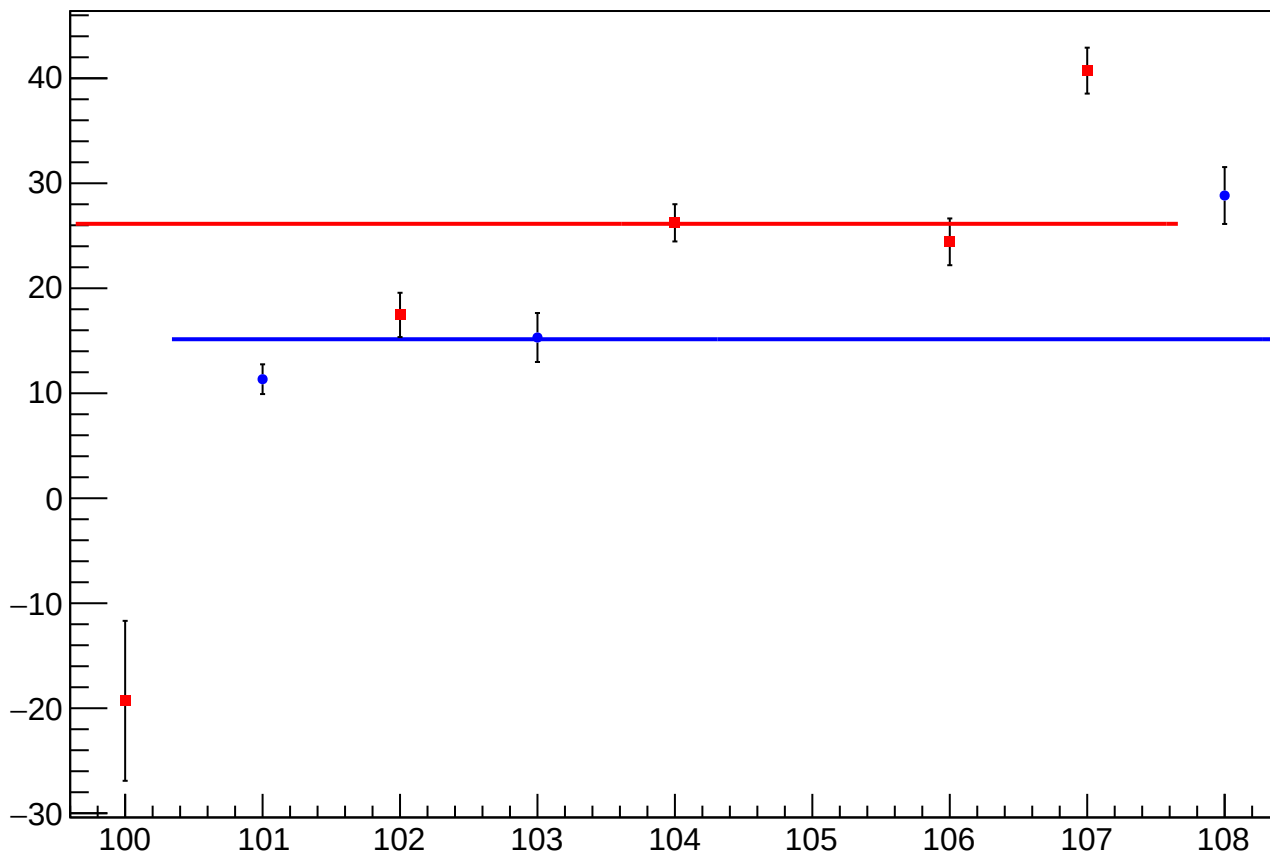
Right: -61.532+/-0.567 χ^2/NDF : 294.5/7

In: -60.353+/-0.805 χ^2/NDF : 20.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -61.532+/-0.567 χ^2/NDF : 294.5/7

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.145 $\pm$ 1.106 χ^2 /NDF: 32.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 26.139 $\pm$ 1.015 χ^2 /NDF: 97.6/4

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

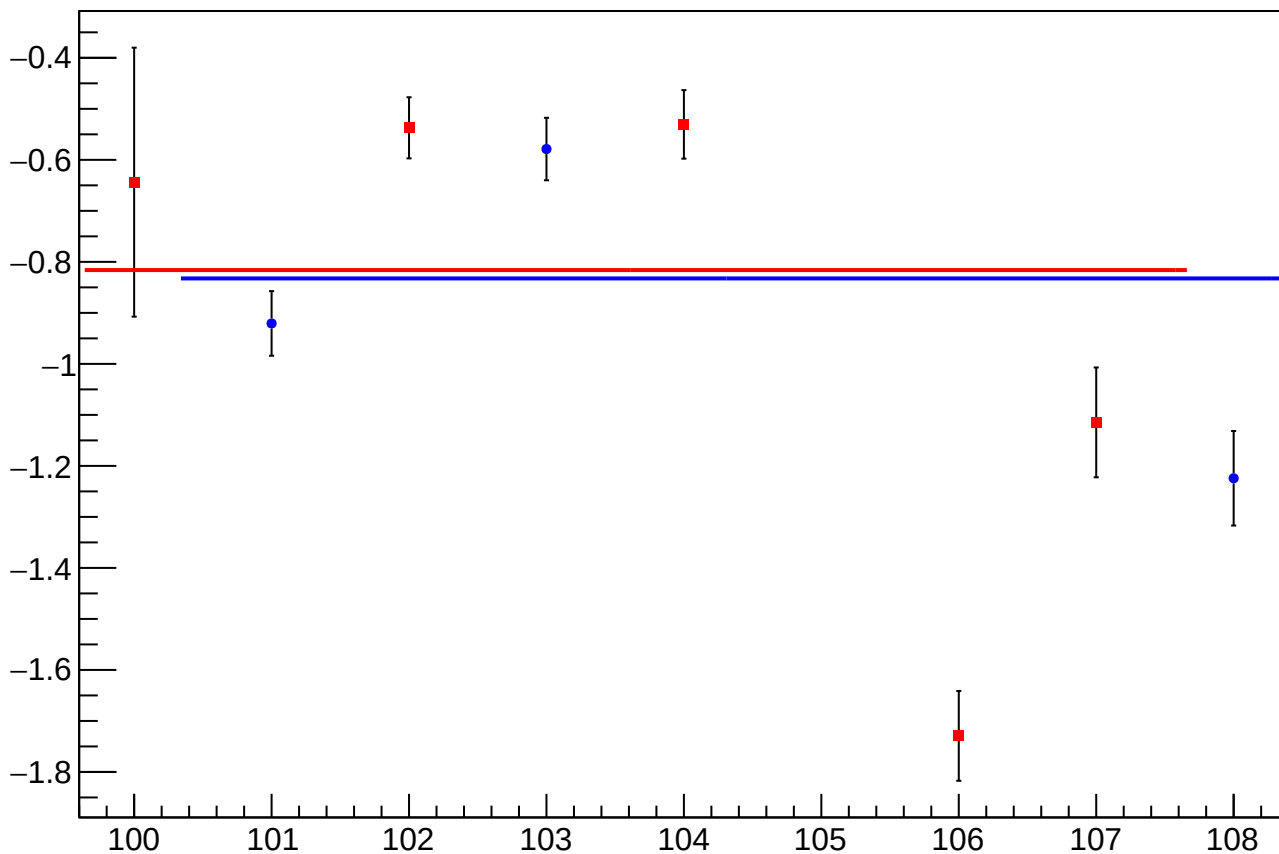
Right: 21.111 $\pm$ 0.748 χ^2 /NDF: 184.0/7

In: 15.145 $\pm$ 1.106 χ^2 /NDF:32.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 21.111 $\pm$ 0.748 χ^2 /NDF: 184.0/7

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.832 ± 0.040 $\chi^2/\text{NDF}: 37.0/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.816 ± 0.037 $\chi^2/\text{NDF}: 155.4/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

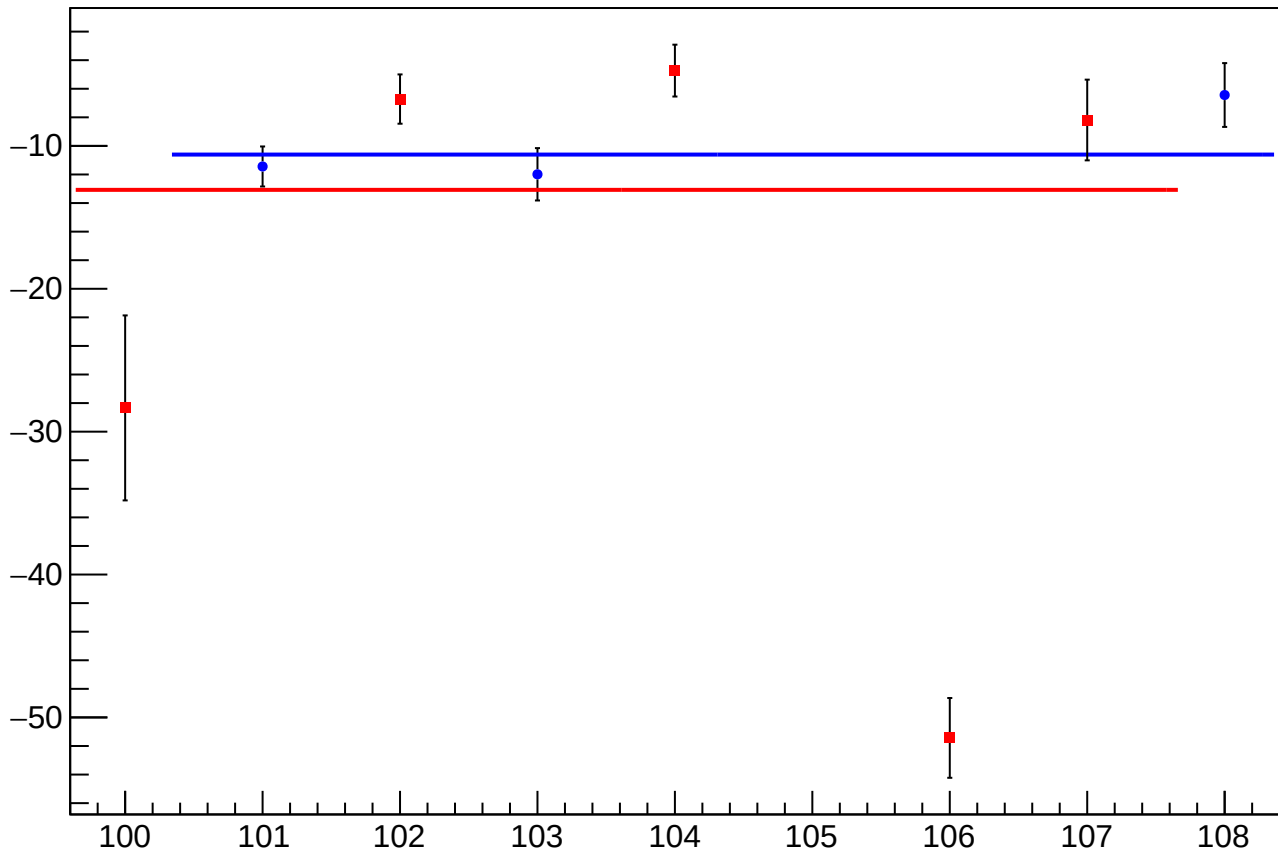
Right: -0.824 ± 0.027 $\chi^2/\text{NDF}: 192.4/7$

In: -0.832 ± 0.040 $\chi^2/\text{NDF}: 37.0/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.824 ± 0.027 $\chi^2/\text{NDF}: 192.4/7$

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -10.607 $\pm$ 0.996 χ^2 /NDF: 4.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -13.076 $\pm$ 1.044 χ^2 /NDF: 232.0/4

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

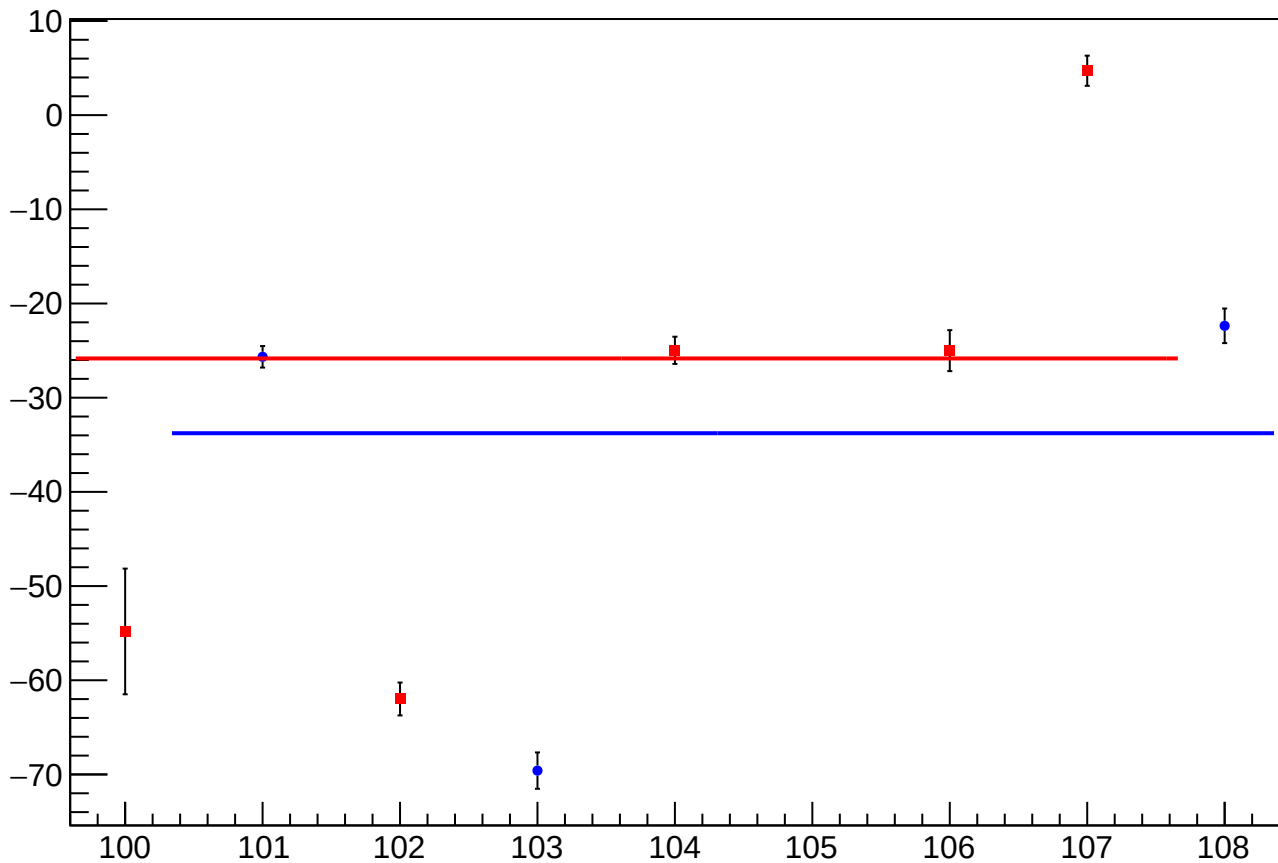
Right: -11.783 $\pm$ 0.721 χ^2 /NDF: 239.4/7

In: -10.607 $\pm$ 0.996 χ^2 /NDF: 4.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -11.783 $\pm$ 0.721 χ^2 /NDF: 239.4/7

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -33.771 ± 0.866 $\chi^2/\text{NDF}: 433.5/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -25.833 ± 0.836 $\chi^2/\text{NDF}: 812.6/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

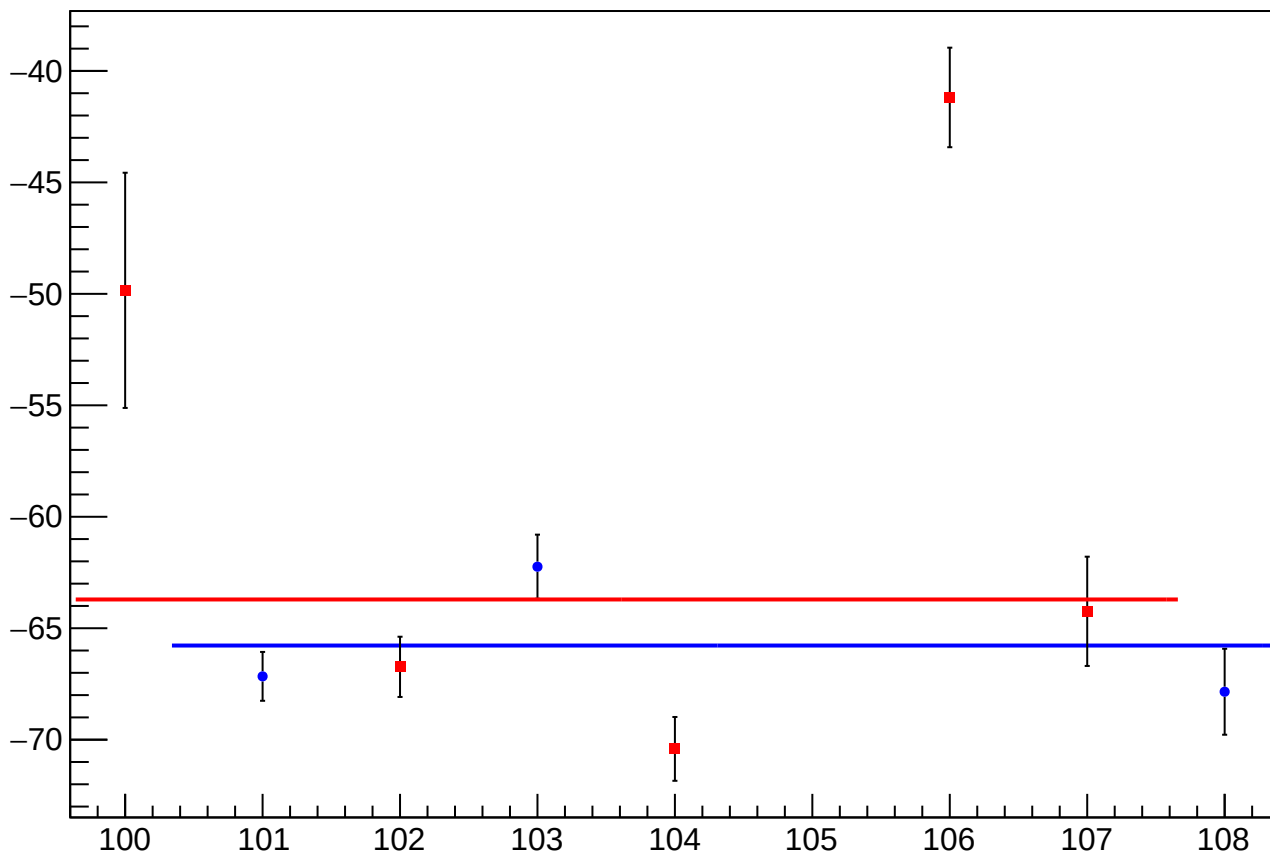
Right: -29.661 ± 0.601 $\chi^2/\text{NDF}: 1289.6/7$

In: -33.771 ± 0.866 $\chi^2/\text{NDF}: 433.5/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -29.661 ± 0.601 $\chi^2/\text{NDF}: 1289.6/7$

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -65.776 ± 0.794 χ^2/NDF : 8.8/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -63.710 ± 0.834 χ^2/NDF : 135.6/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

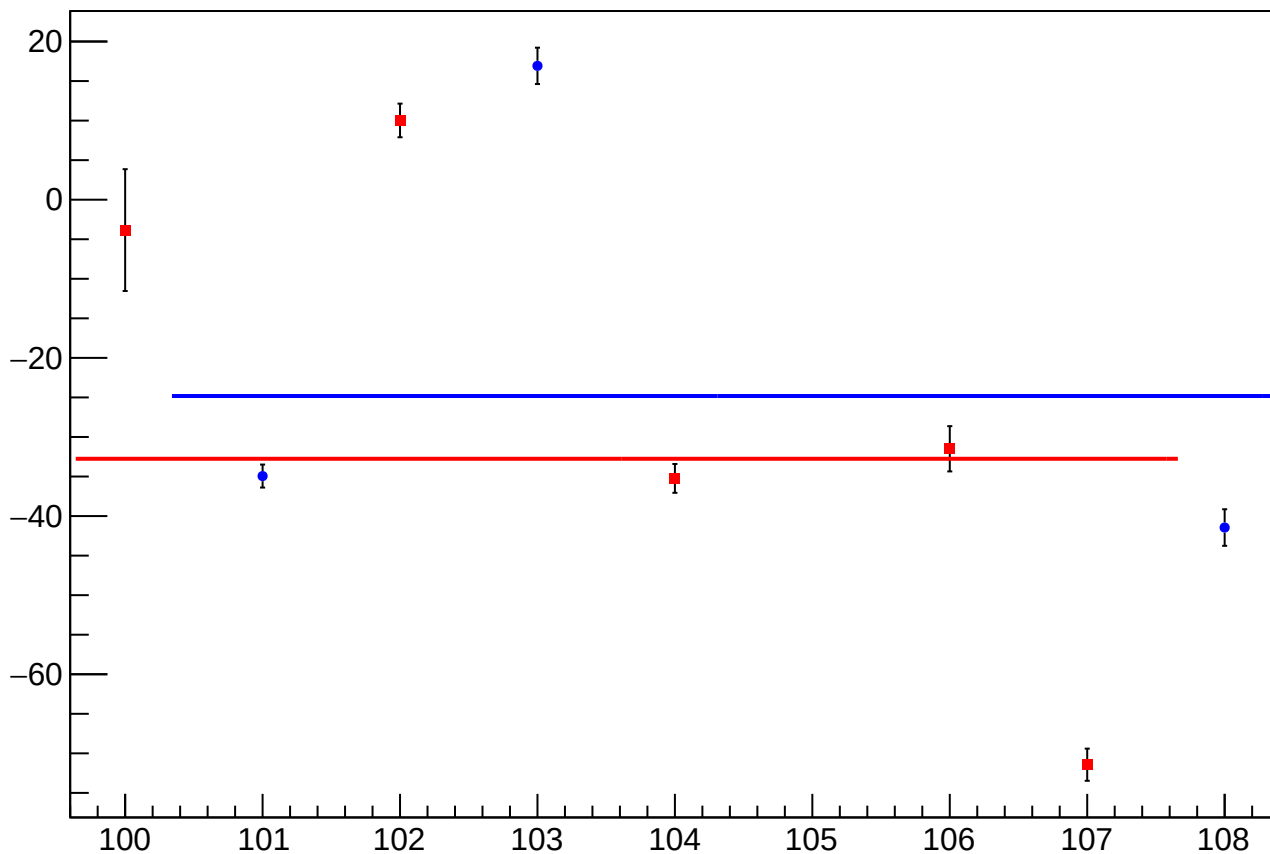
Right: -64.793 ± 0.575 χ^2/NDF : 147.6/7

In: -65.776 ± 0.794 χ^2/NDF : 8.8/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -64.793 ± 0.575 χ^2/NDF : 147.6/7

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -24.821 $\pm$ 1.085 χ^2 /NDF: 430.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -32.756 $\pm$ 1.053 χ^2 /NDF: 782.0/4

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

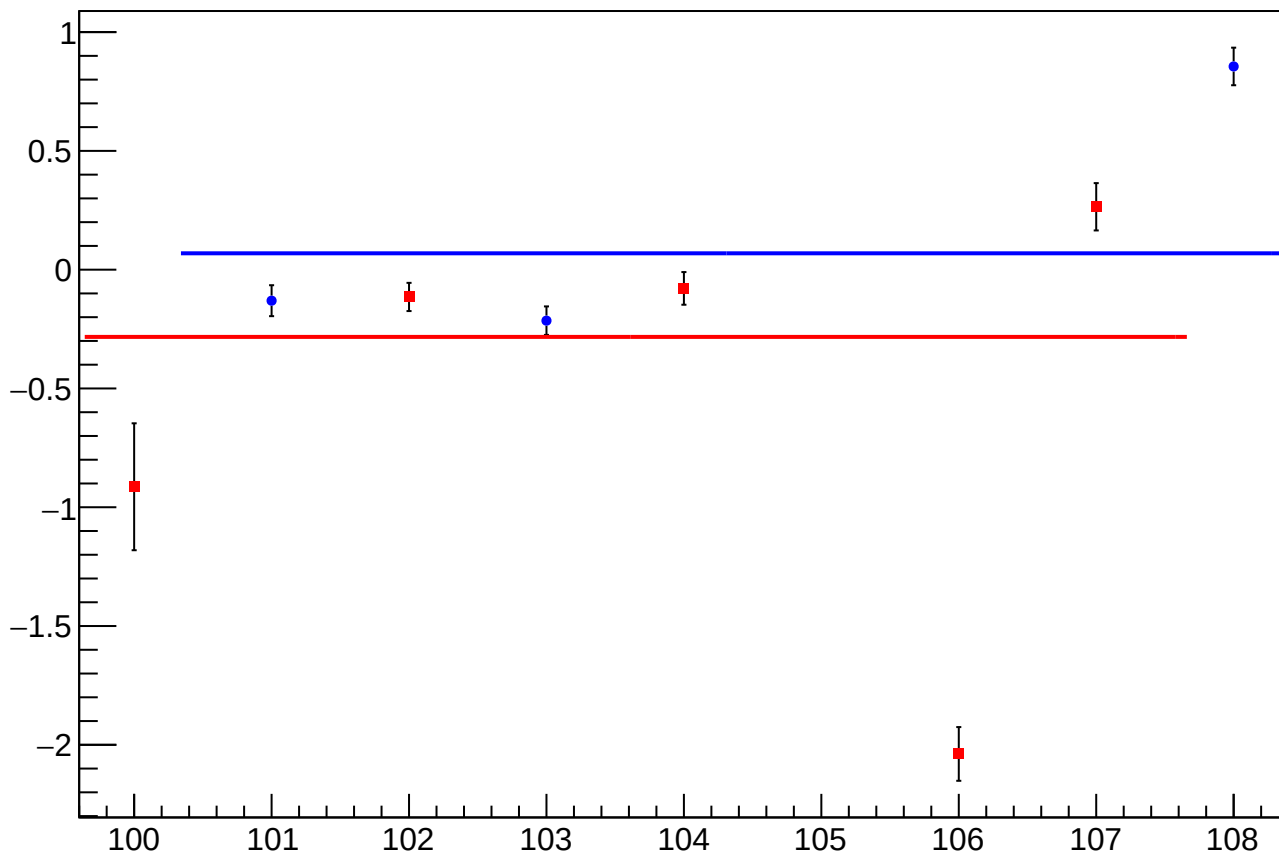
Right: -28.908 $\pm$ 0.755 χ^2 /NDF: 1239.6/7

In: -24.821 $\pm$ 1.085 χ^2 /NDF: 430.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -28.908 $\pm$ 0.755 χ^2 /NDF: 1239.6/7

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.069+/-0.039 χ^2/NDF : 130.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.283+/-0.038 χ^2/NDF : 293.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

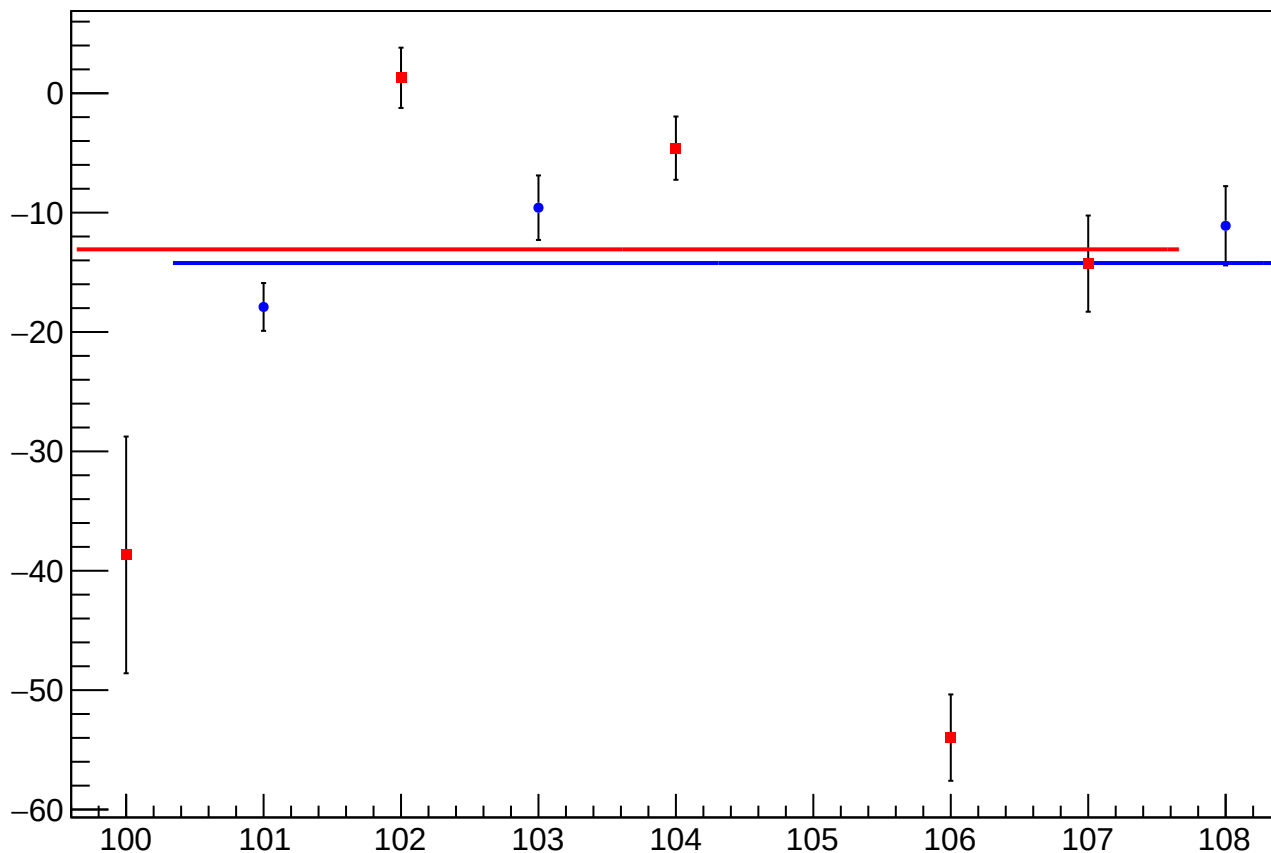
Right: -0.109+/-0.027 χ^2/NDF : 466.5/7

In: 0.069+/-0.039 χ^2/NDF : 130.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.109+/-0.027 χ^2/NDF : 466.5/7

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -14.221+/-1.448 χ^2/NDF : 7.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.075+/-1.495 χ^2/NDF : 177.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

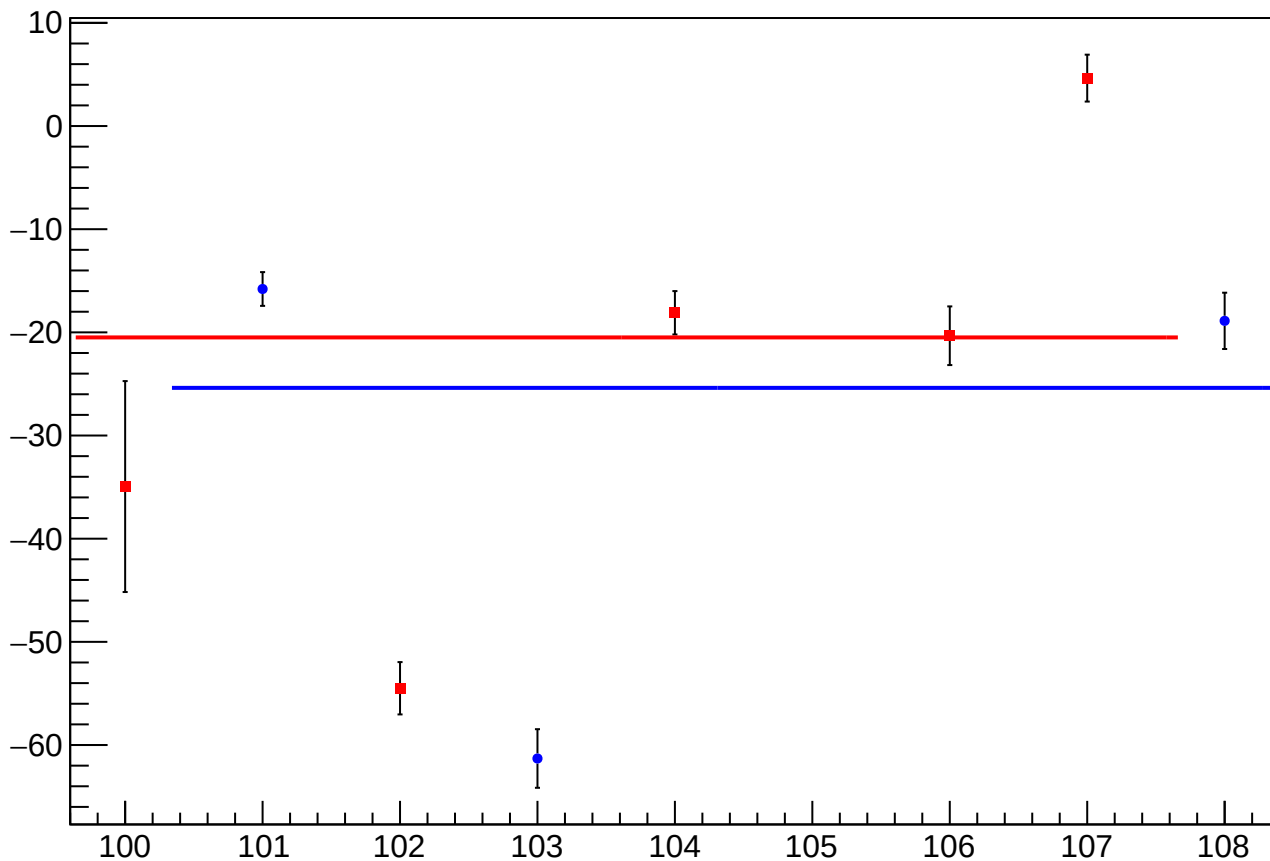
Right: -13.666+/-1.040 χ^2/NDF : 184.7/7

In: -14.221+/-1.448 χ^2/NDF : 7.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.666+/-1.040 χ^2/NDF : 184.7/7

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -25.380 $\pm$ 1.258 χ^2 /NDF: 199.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -20.491 $\pm$ 1.188 χ^2 /NDF: 305.4/4

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

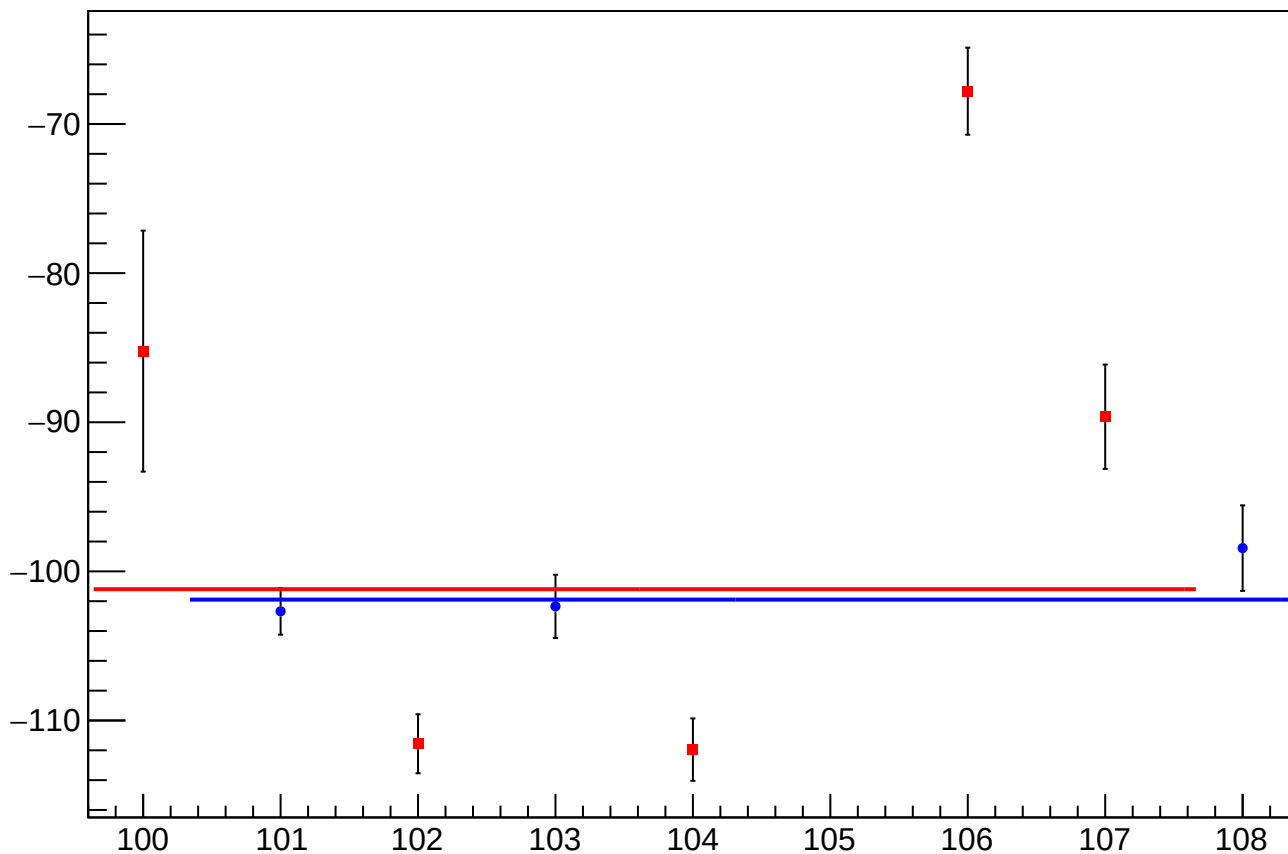
Right: -22.796 $\pm$ 0.864 χ^2 /NDF: 513.3/7

In: -25.380 $\pm$ 1.258 χ^2 /NDF:199.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -22.796 $\pm$ 0.864 χ^2 /NDF: 513.3/7

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -101.893+/-1.154 χ^2/NDF : 1.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -101.195+/-1.196 χ^2/NDF : 199.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

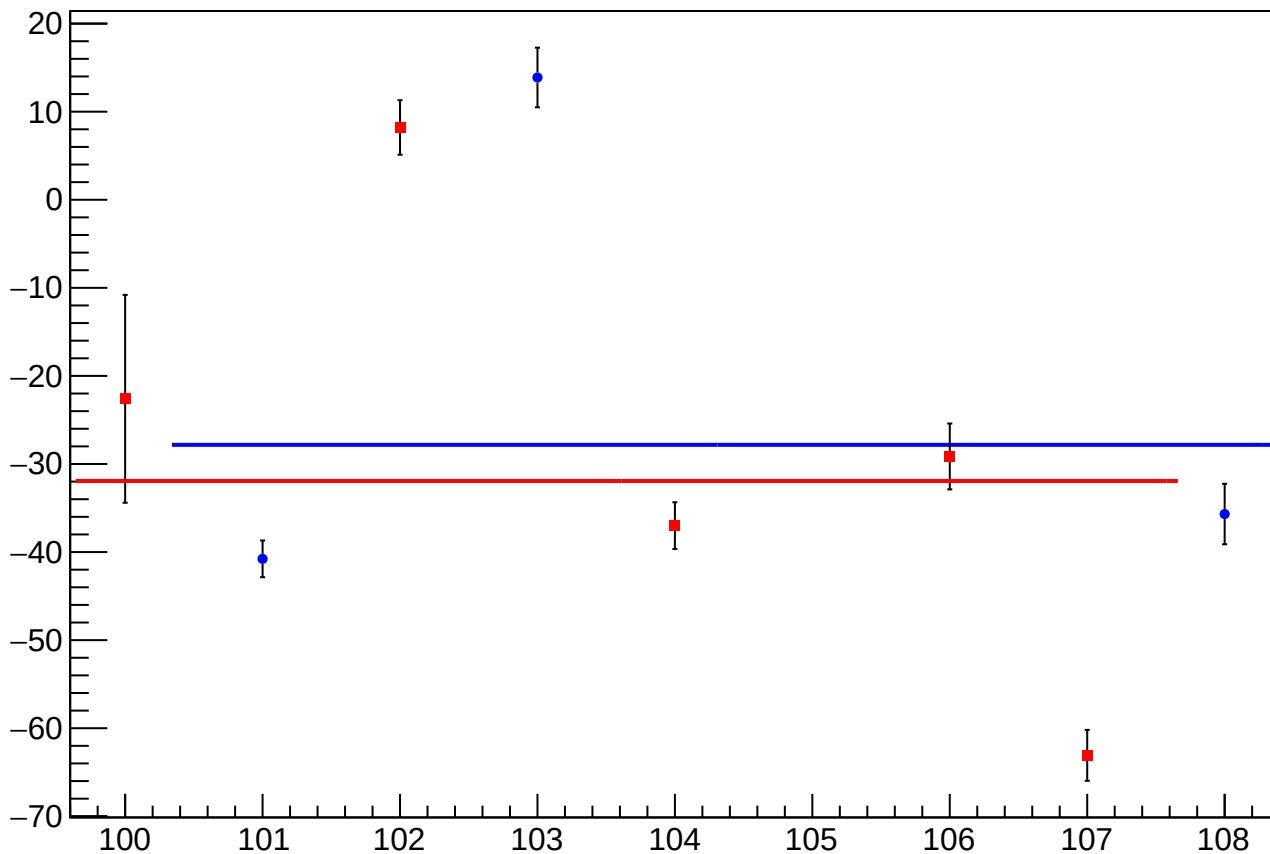
Right: -101.557+/-0.831 χ^2/NDF : 201.6/7

In: -101.893+/-1.154 χ^2/NDF : 1.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -101.557+/-0.831 χ^2/NDF : 201.6/7

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -27.825+/-1.578 χ^2/NDF : 195.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.928+/-1.499 χ^2/NDF : 289.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

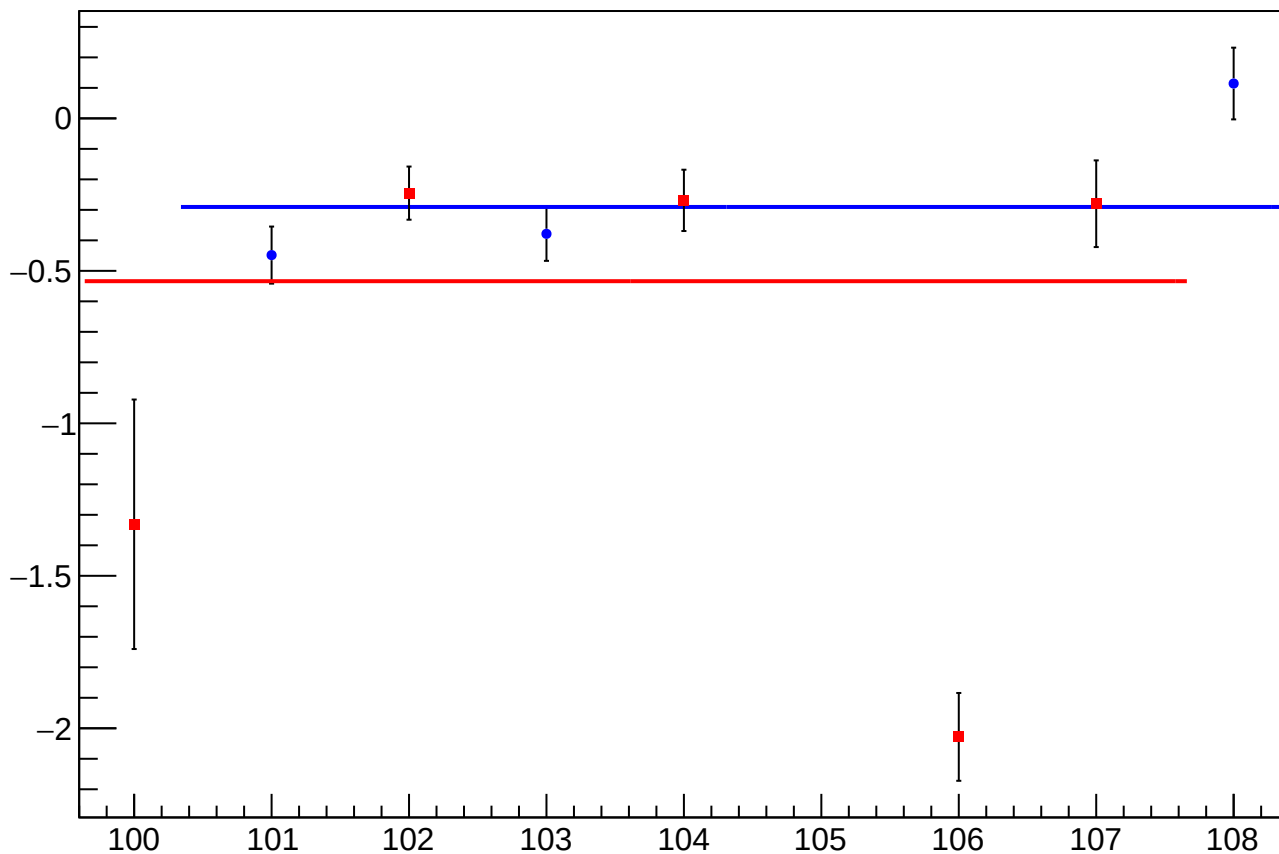
Right: -29.981+/-1.087 χ^2/NDF : 488.1/7

In: -27.825+/-1.578 χ^2/NDF : 195.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.981+/-1.087 χ^2/NDF : 488.1/7

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.290+/-0.056 χ^2/NDF : 15.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.534+/-0.055 χ^2/NDF : 132.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

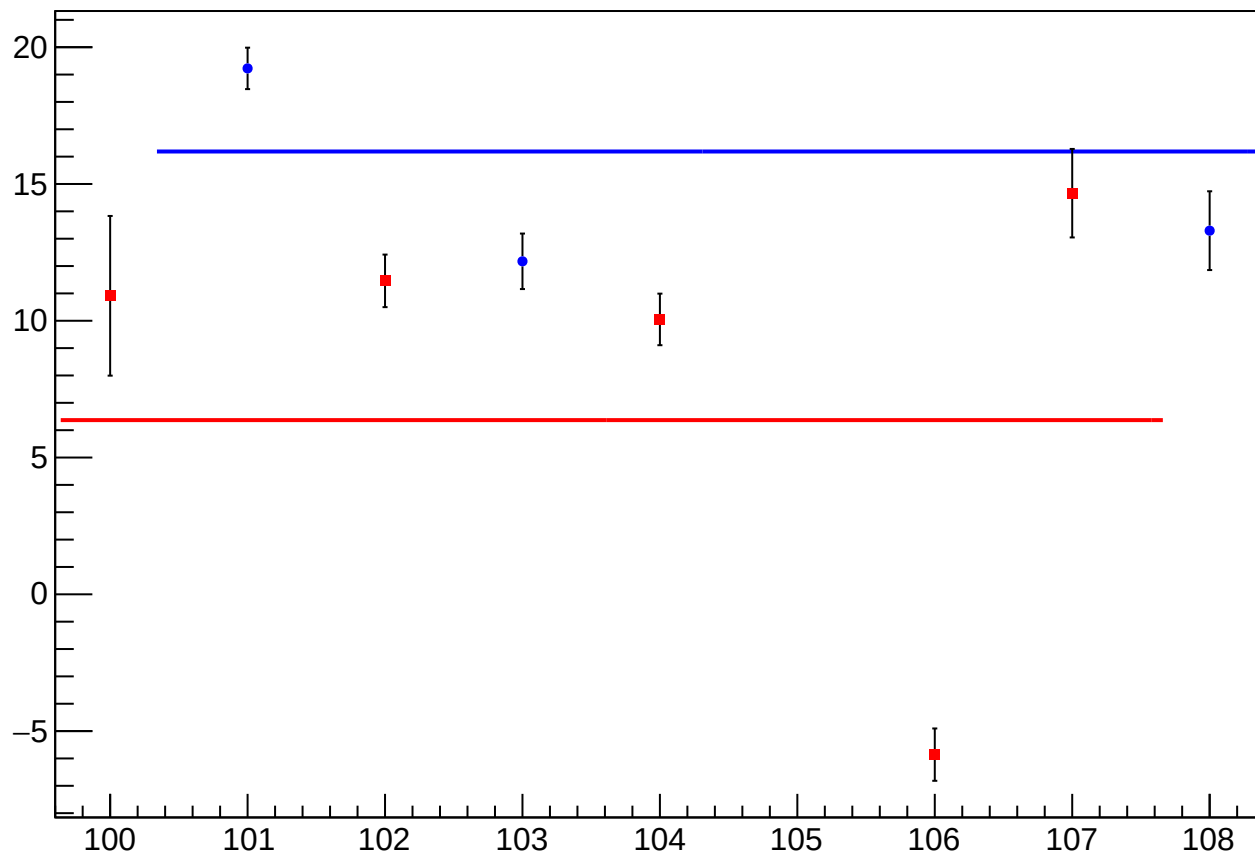
Right: -0.416+/-0.039 χ^2/NDF : 157.9/7

In: -0.290+/-0.056 χ^2/NDF : 15.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.416+/-0.039 χ^2/NDF : 157.9/7

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 16.188 ± 0.559 $\chi^2/\text{NDF}: 35.8/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 6.368 ± 0.513 $\chi^2/\text{NDF}: 235.5/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

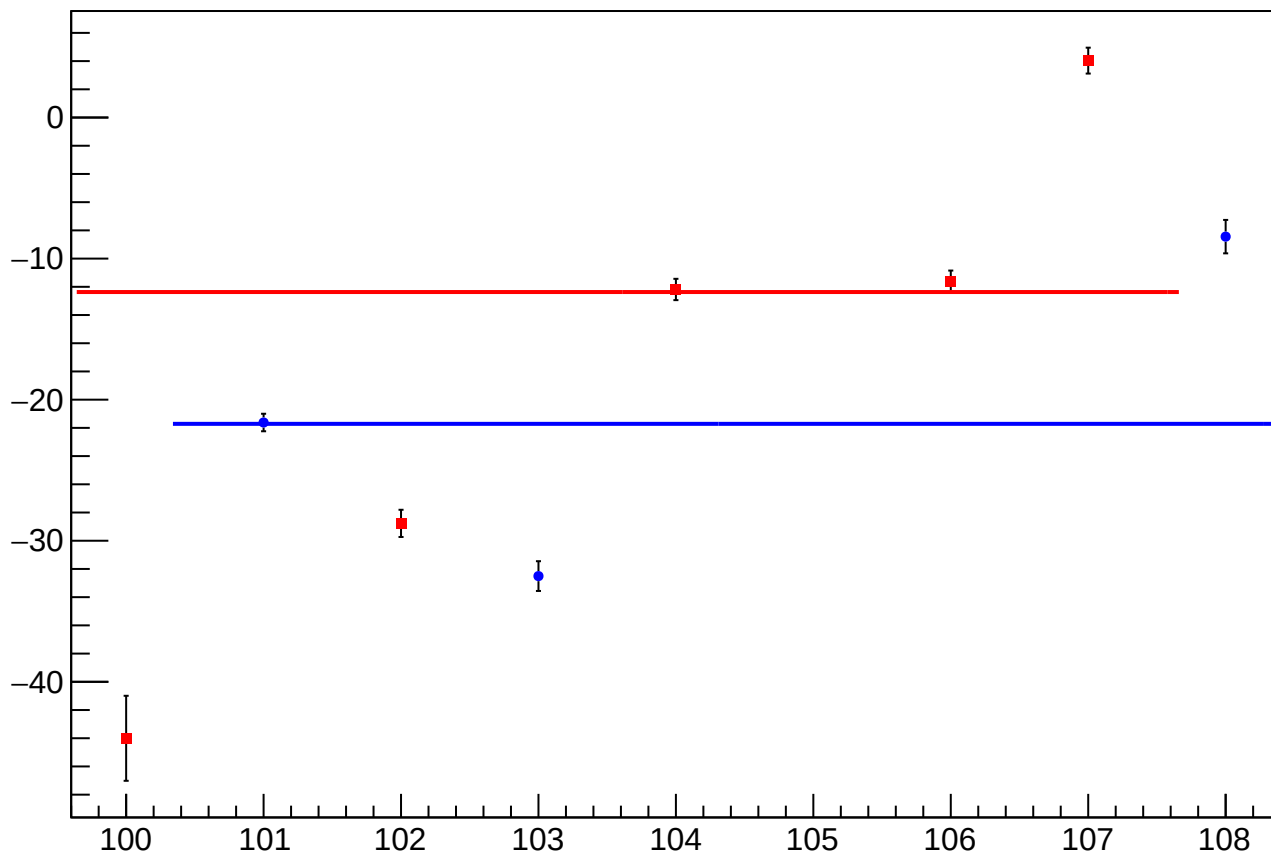
Right: 10.853 ± 0.378 $\chi^2/\text{NDF}: 438.8/7$

In: 16.188 ± 0.559 $\chi^2/\text{NDF}: 35.8/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 10.853 ± 0.378 $\chi^2/\text{NDF}: 438.8/7$

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -21.714 $\pm$ 0.488 χ^2 /NDF: 230.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -12.370 $\pm$ 0.413 χ^2 /NDF: 720.2/4

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

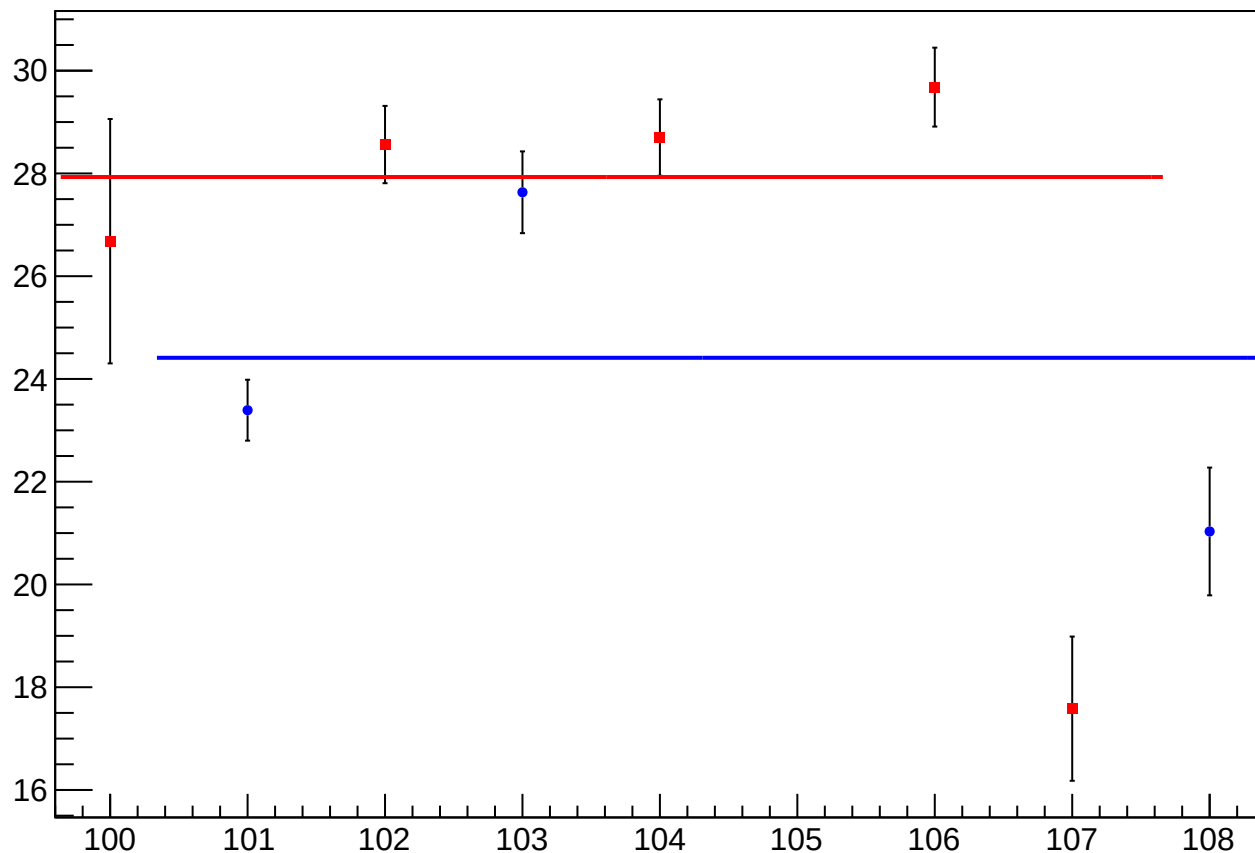
Right: -16.271 $\pm$ 0.315 χ^2 /NDF: 1164.4/7

In: -21.714 $\pm$ 0.488 χ^2 /NDF:230.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -16.271 $\pm$ 0.315 χ^2 /NDF: 1164.4/7

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 24.412 $\pm$ 0.444 χ^2 /NDF: 26.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.930 $\pm$ 0.410 χ^2 /NDF: 61.6/4

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

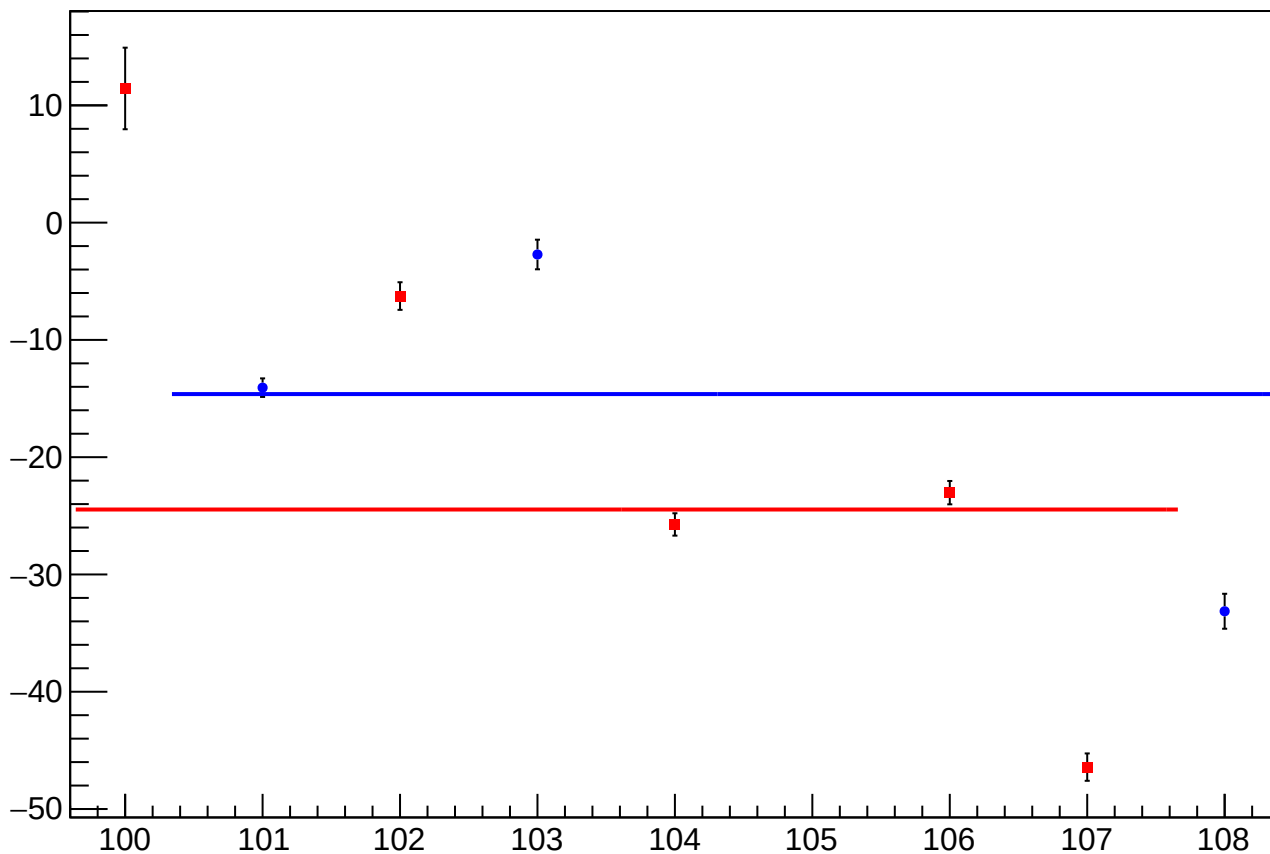
Right: 26.312 $\pm$ 0.301 χ^2 /NDF: 122.2/7

In: 24.412 $\pm$ 0.444 χ^2 /NDF: 26.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 26.312 $\pm$ 0.301 χ^2 /NDF: 122.2/7

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -14.619+/-0.611 χ^2/NDF : 243.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -24.462+/-0.523 χ^2/NDF : 704.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

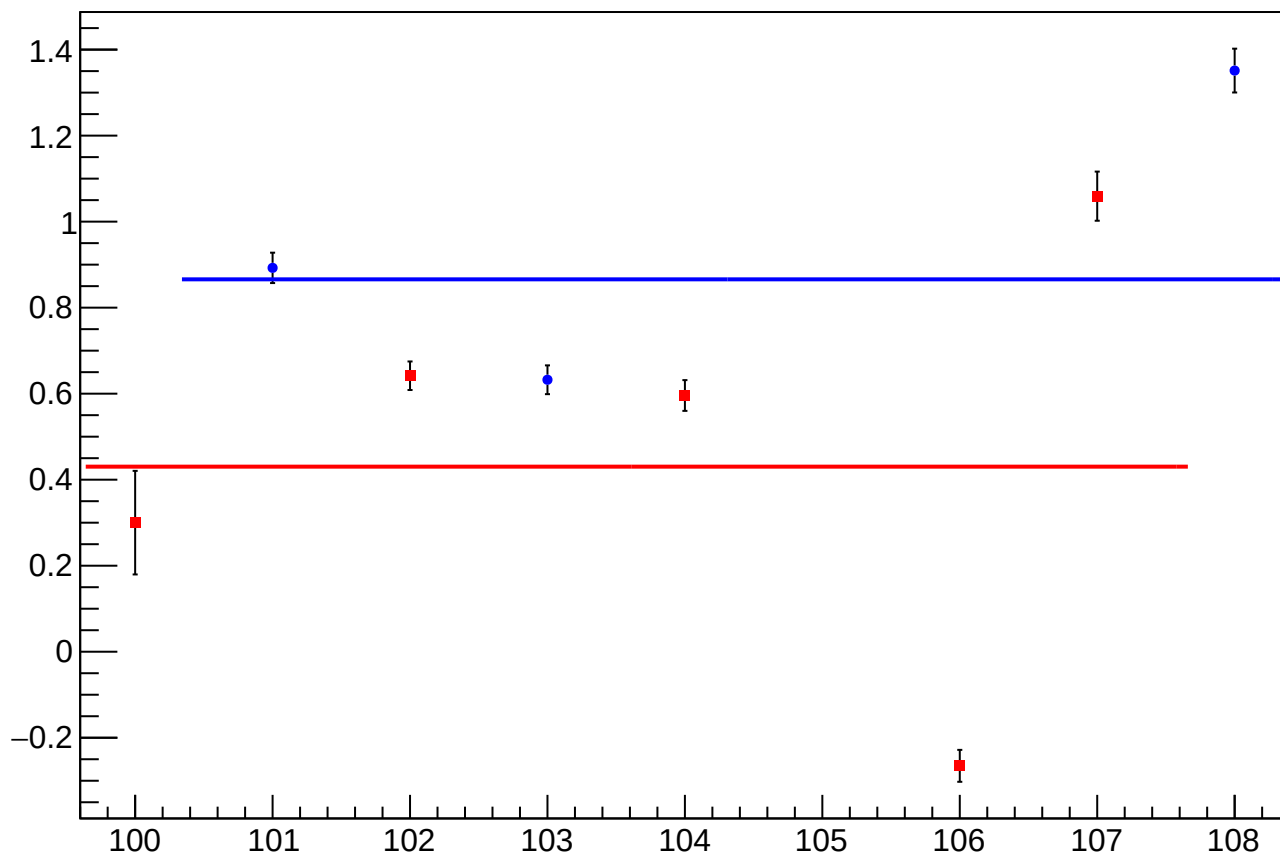
Right: -20.299+/-0.398 χ^2/NDF : 1097.2/7

In: -14.619+/-0.611 χ^2/NDF : 243.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.299+/-0.398 χ^2/NDF : 1097.2/7

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.866+/-0.022 χ^2/NDF : 140.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.430+/-0.019 χ^2/NDF : 535.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

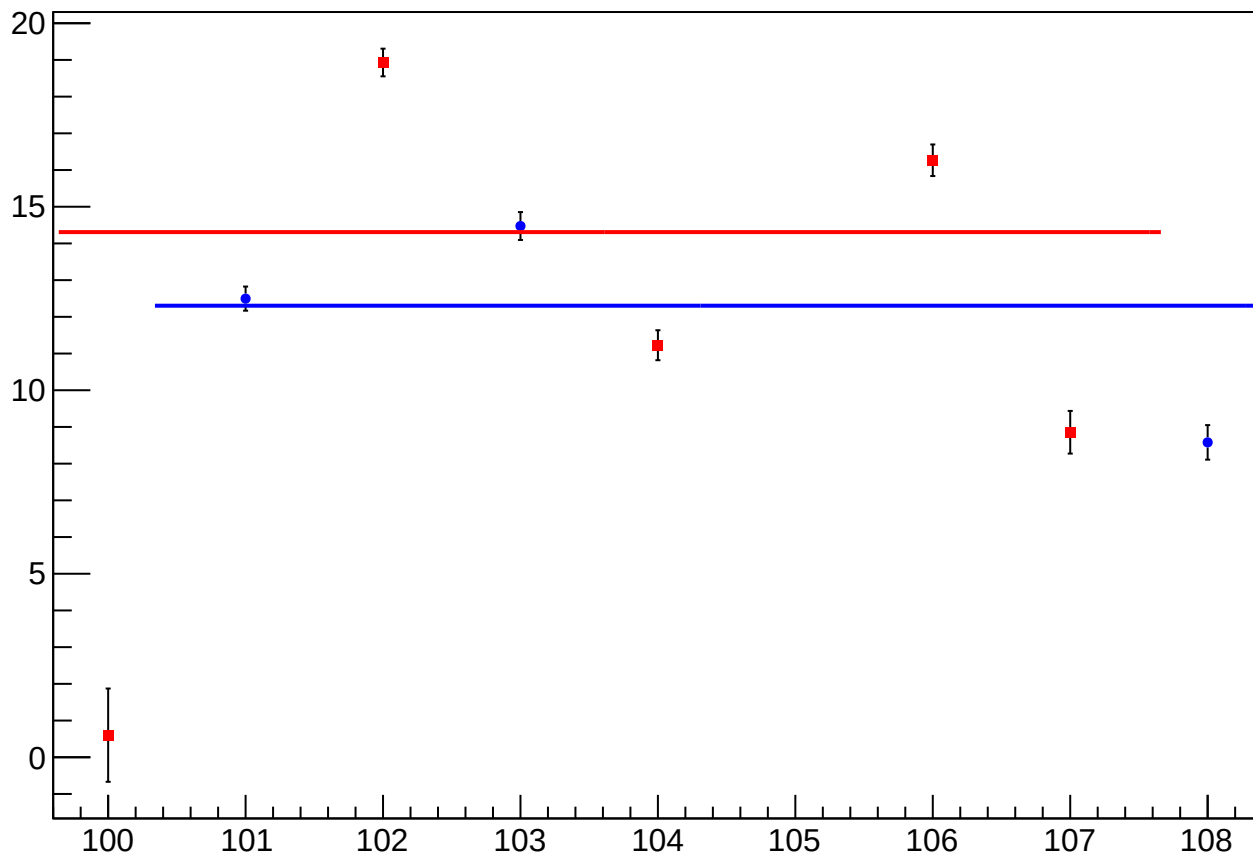
Right: 0.616+/-0.014 χ^2/NDF : 901.9/7

In: 0.866+/-0.022 χ^2/NDF : 140.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.616+/-0.014 χ^2/NDF : 901.9/7

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 12.303 $\pm$ 0.220 χ^2 /NDF: 95.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 14.309 $\pm$ 0.213 χ^2 /NDF: 432.3/4

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

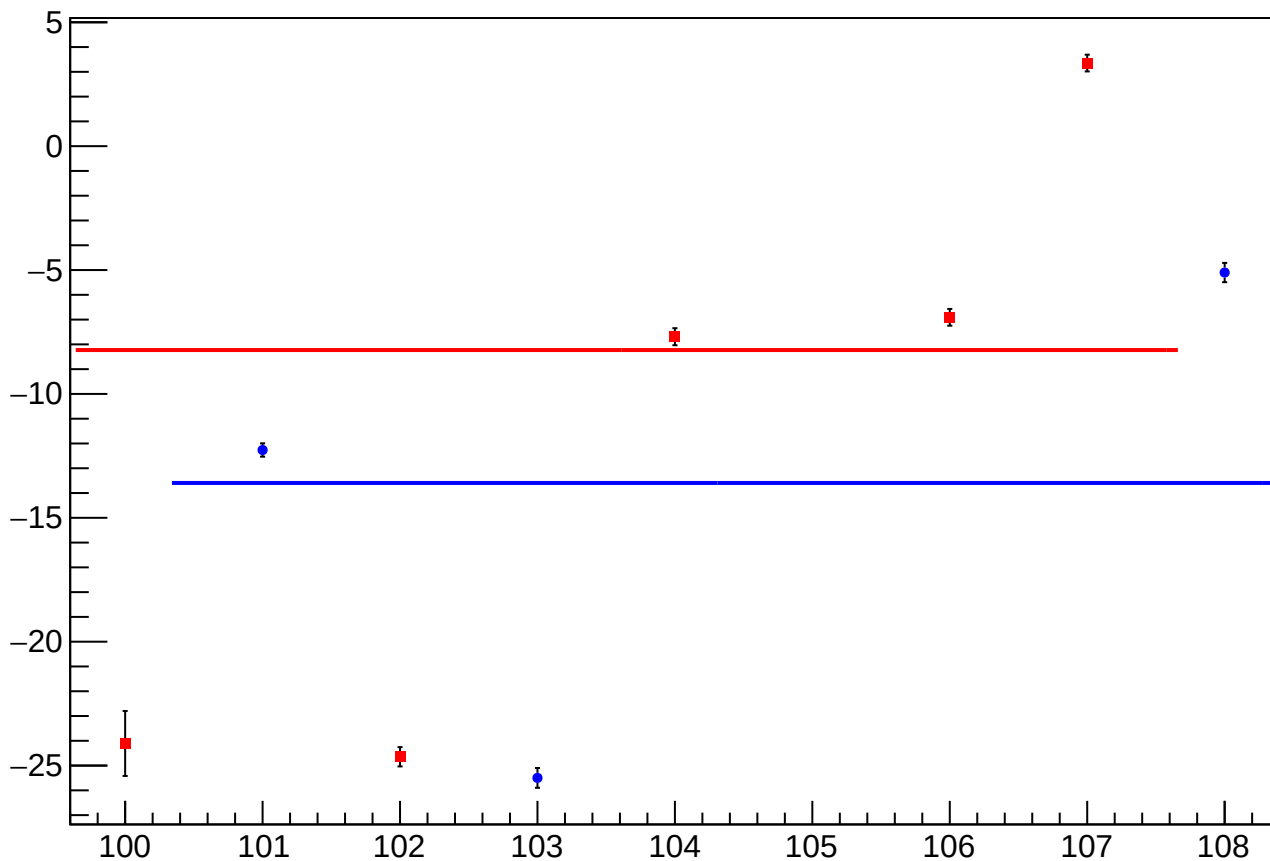
Right: 13.337 $\pm$ 0.153 χ^2 /NDF: 570.9/7

In: 12.303 $\pm$ 0.220 χ^2 /NDF:95.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 13.337 $\pm$ 0.153 χ^2 /NDF: 570.9/7

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -13.593 $\pm$ 0.193 χ^2 /NDF: 1389.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -8.229 $\pm$ 0.174 χ^2 /NDF: 3112.2/4

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

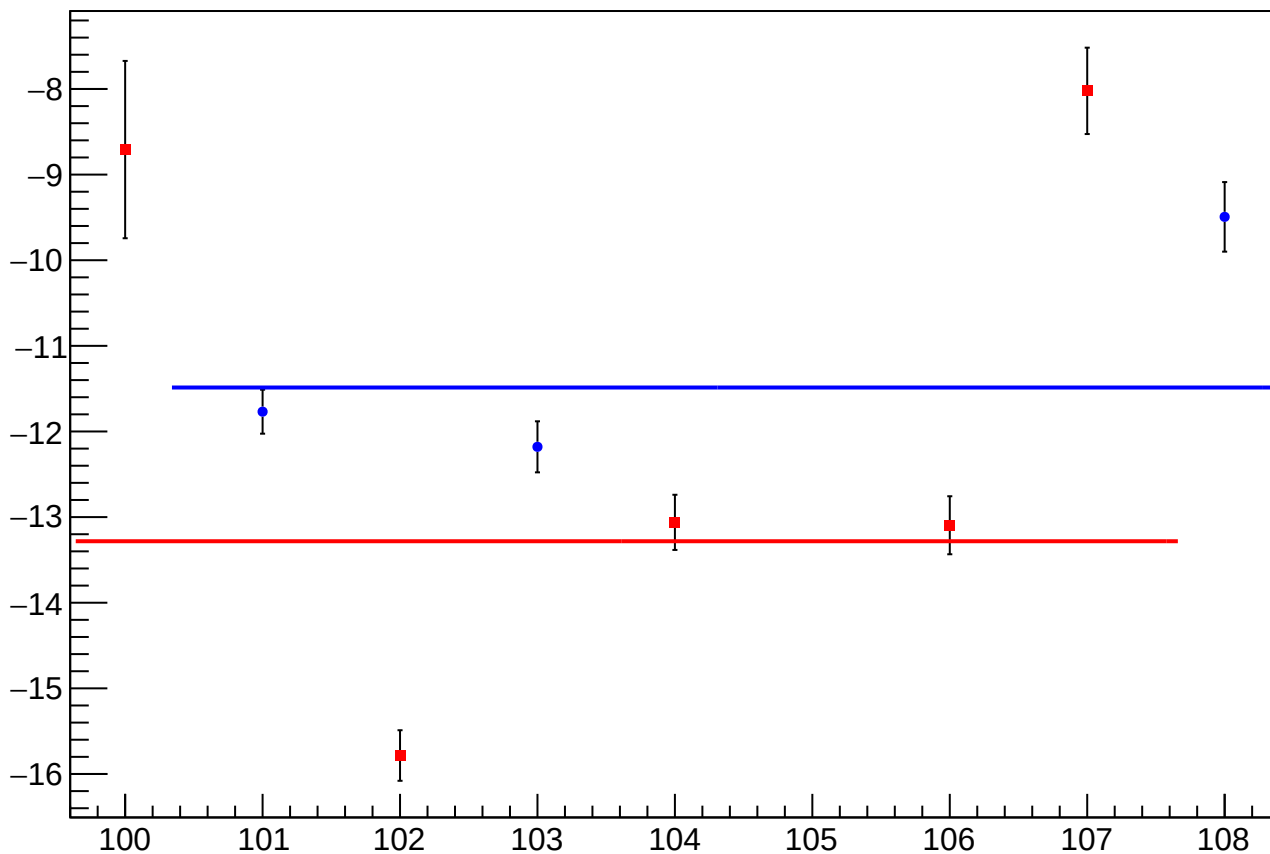
Right: -10.625 $\pm$ 0.129 χ^2 /NDF: 4927.3/7

In: -13.593 $\pm$ 0.193 χ^2 /NDF:1389.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -10.625 $\pm$ 0.129 χ^2 /NDF: 4927.3/7

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -11.487 $\pm$ 0.176 χ^2 /NDF: 30.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -13.282 $\pm$ 0.170 χ^2 /NDF: 200.9/4

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

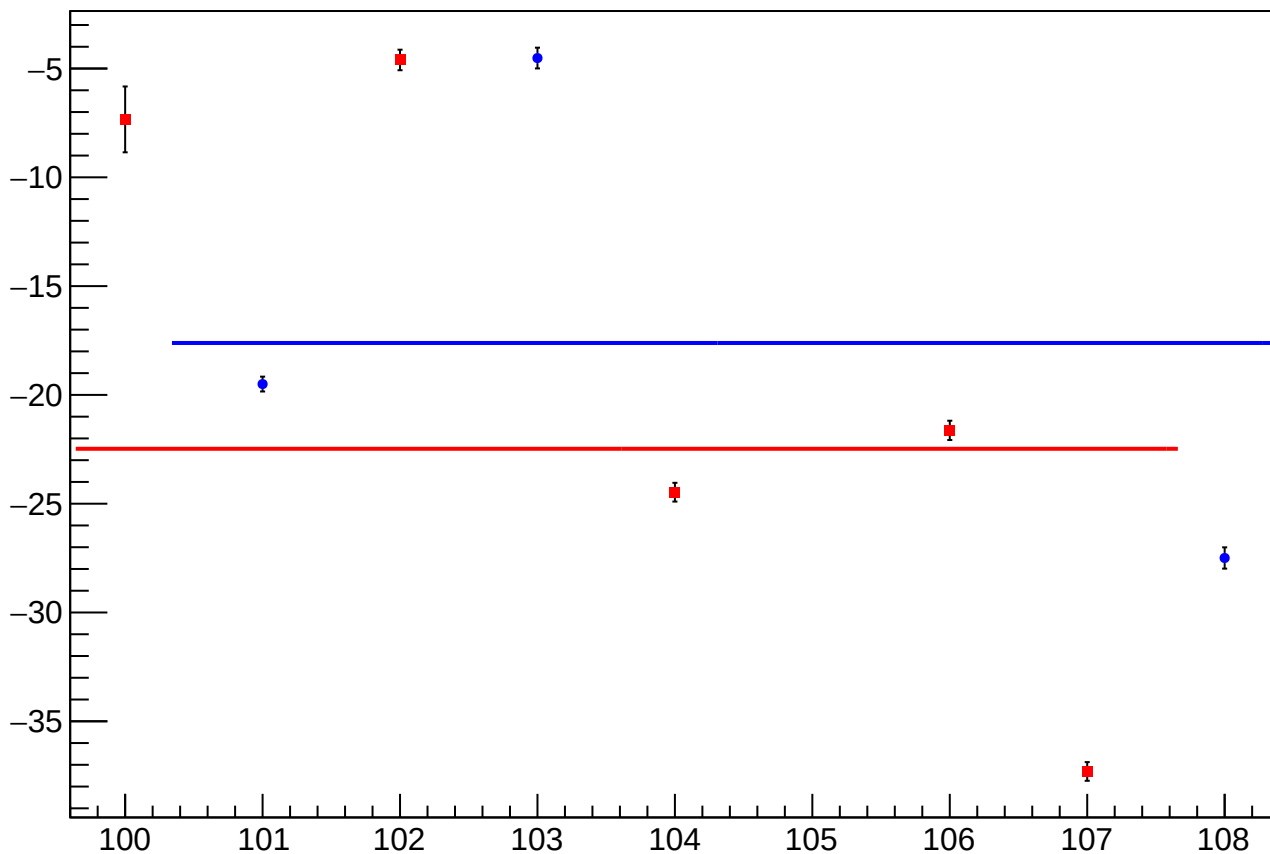
Right: -12.414 $\pm$ 0.122 χ^2 /NDF: 285.6/7

In: -11.487 $\pm$ 0.176 χ^2 /NDF:30.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -12.414 $\pm$ 0.122 χ^2 /NDF: 285.6/7

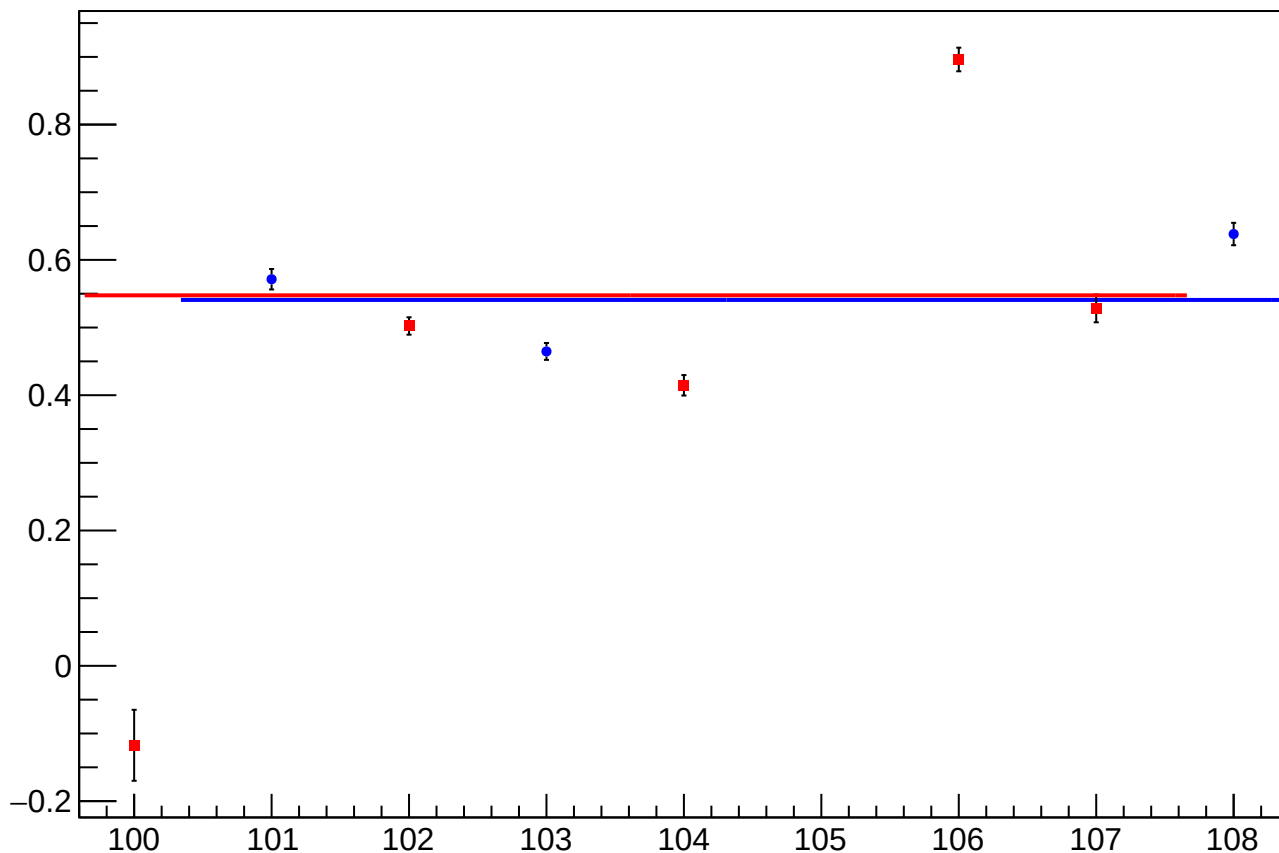
reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -17.613+/-0.241 χ^2/NDF : 1191.7/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -22.476+/-0.219 χ^2/NDF : 2750.8/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -20.280+/-0.162 χ^2/NDF : 4164.9/7
 In: -17.613+/-0.241 χ^2/NDF : 1191.7/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -20.280+/-0.162 χ^2/NDF : 4164.9/7

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.541+/-0.008 χ^2/NDF : 75.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.548+/-0.008 χ^2/NDF : 649.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

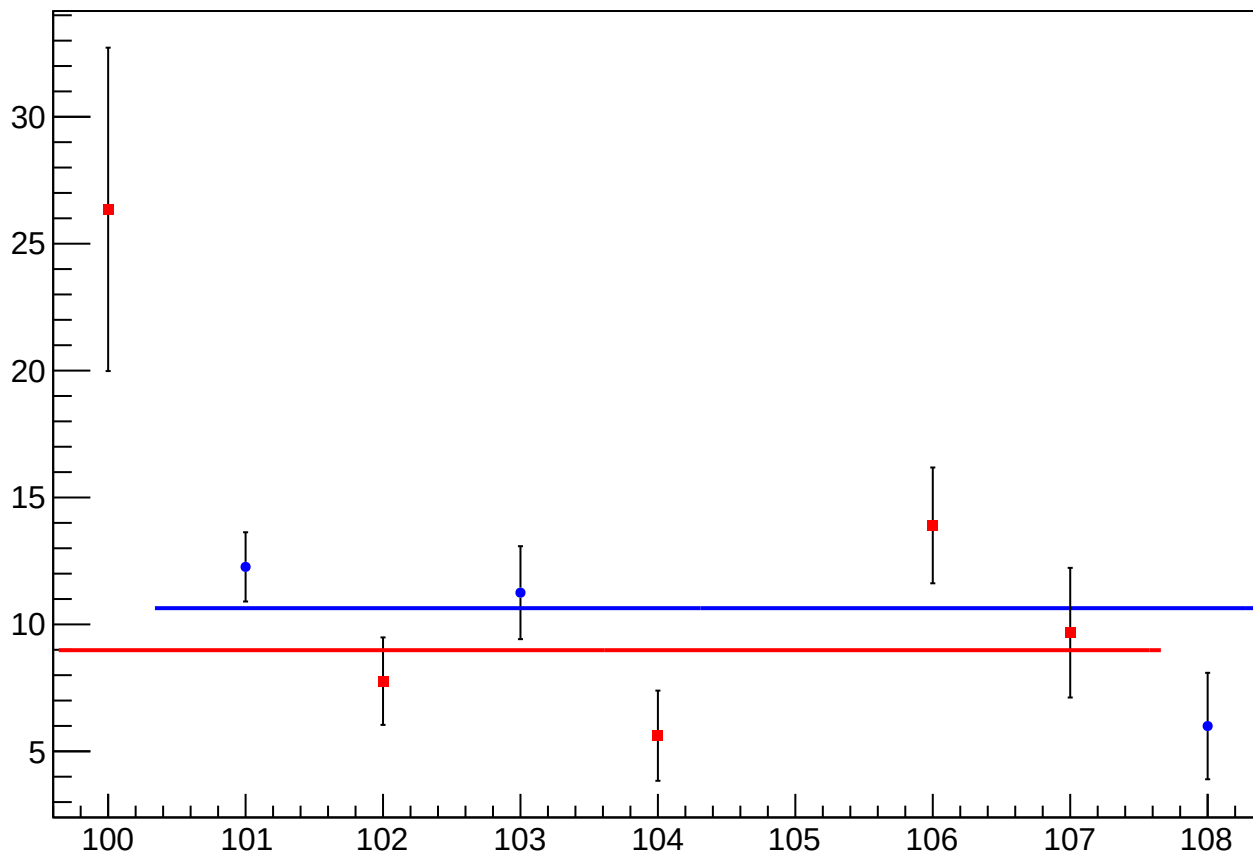
Right: 0.544+/-0.006 χ^2/NDF : 726.1/7

In: 0.541+/-0.008 χ^2/NDF : 75.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.544+/-0.006 χ^2/NDF : 726.1/7

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 10.640 $\pm$ 0.970 χ^2 /NDF: 6.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.984 $\pm$ 0.988 χ^2 /NDF: 16.2/4

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

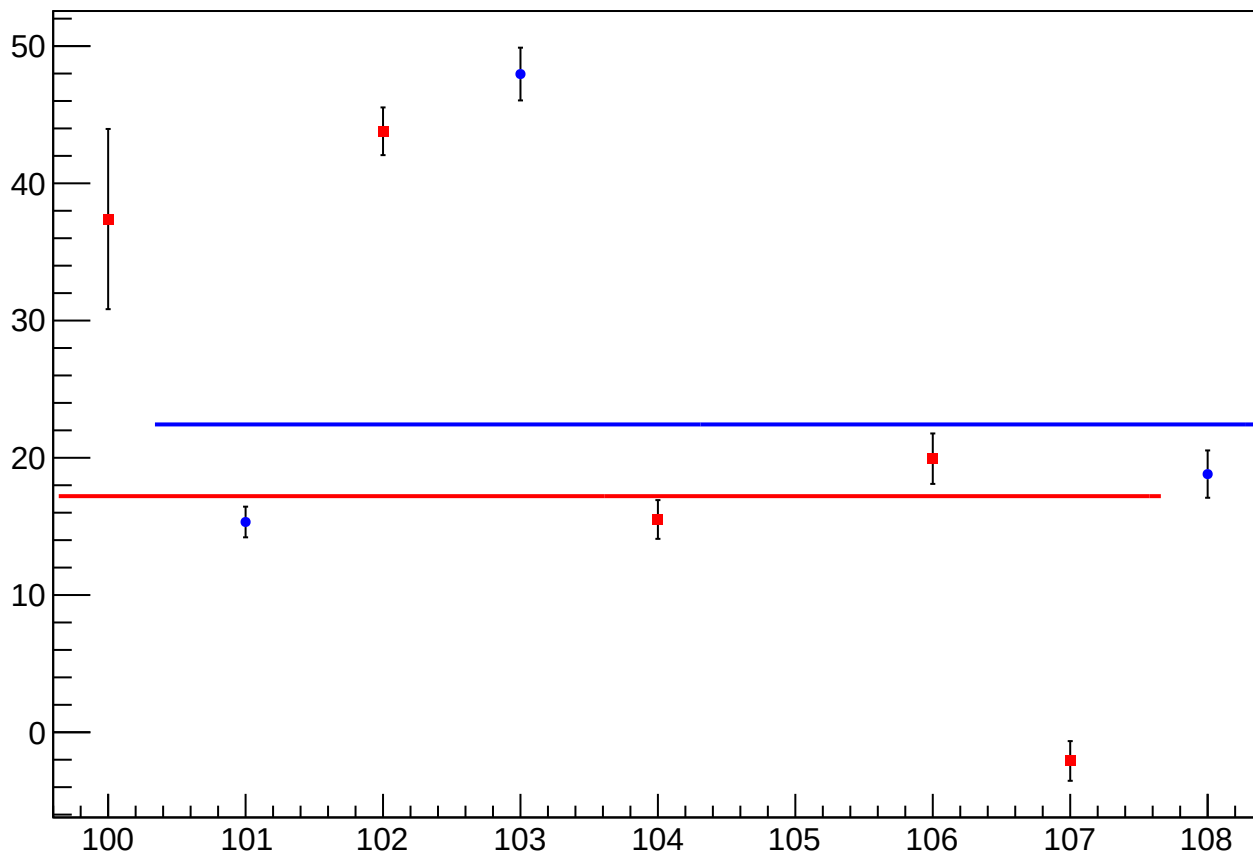
Right: 9.828 $\pm$ 0.692 χ^2 /NDF: 24.1/7

In: 10.640 $\pm$ 0.970 χ^2 /NDF: 6.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.828 $\pm$ 0.692 χ^2 /NDF: 24.1/7

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.431+/-0.843 χ^2/NDF : 221.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.205+/-0.783 χ^2/NDF : 425.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

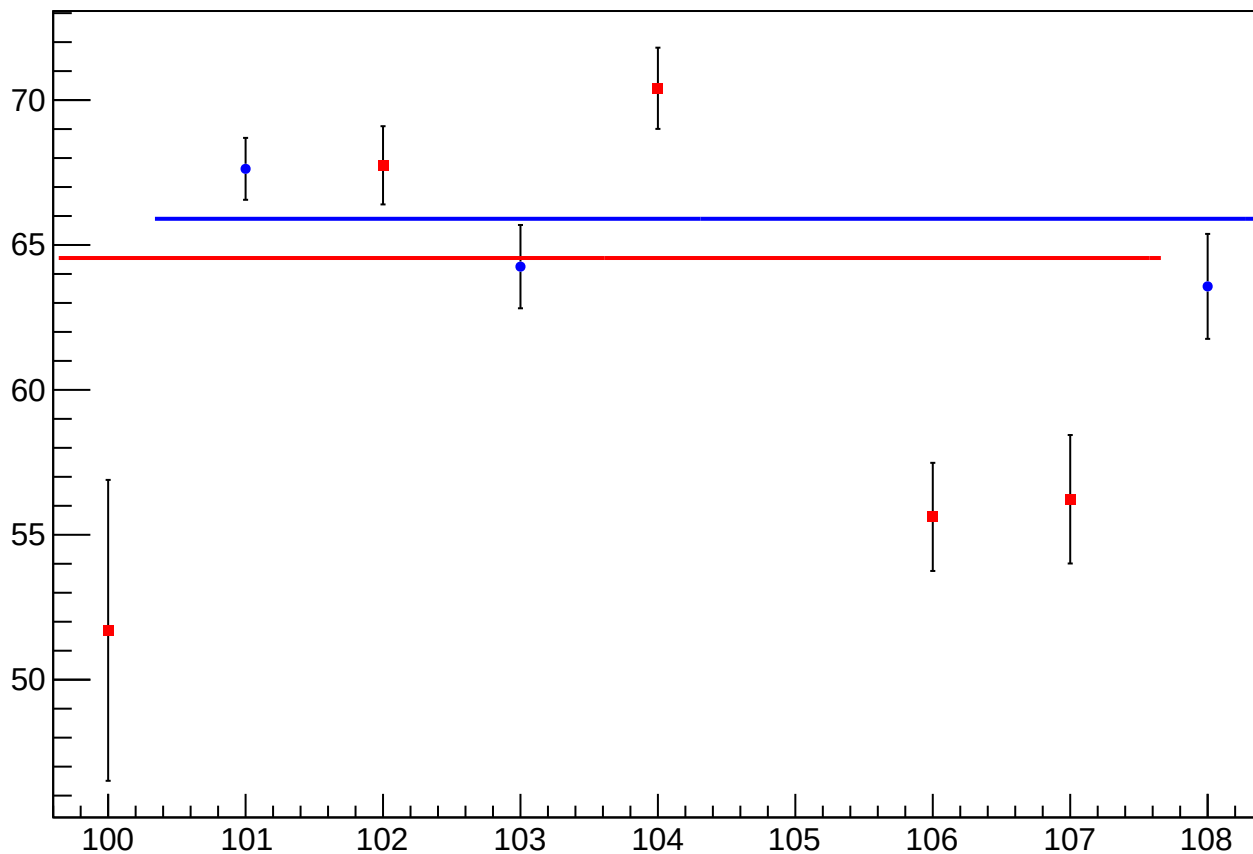
Right: 19.627+/-0.574 χ^2/NDF : 667.1/7

In: 22.431+/-0.843 χ^2/NDF : 221.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.627+/-0.574 χ^2/NDF : 667.1/7

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 65.904 $\pm$ 0.775 χ^2 /NDF: 5.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 64.550 $\pm$ 0.794 χ^2 /NDF: 66.2/4

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

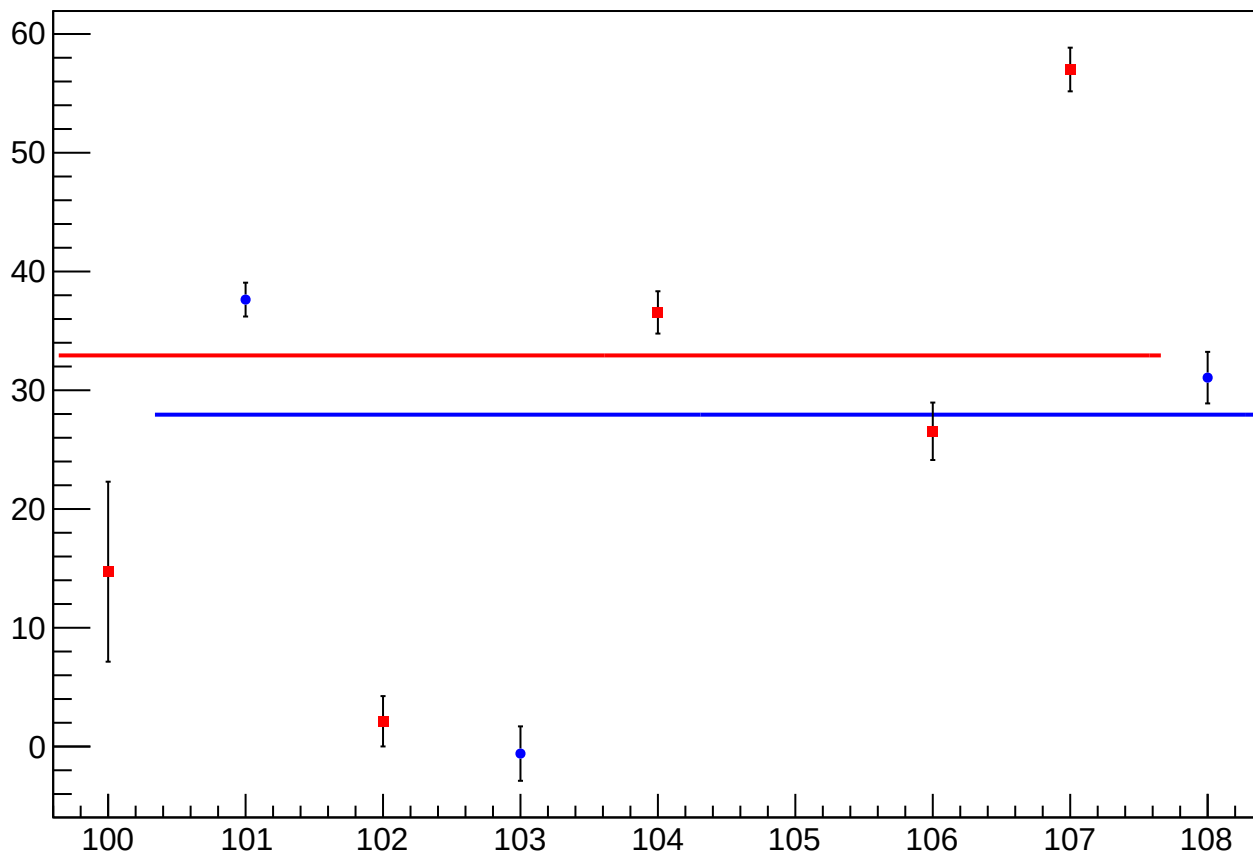
Right: 65.244 $\pm$ 0.555 χ^2 /NDF: 73.3/7

In: 65.904 $\pm$ 0.775 χ^2 /NDF: 5.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 65.244 $\pm$ 0.555 χ^2 /NDF: 73.3/7

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 27.945 $\pm$ 1.057 χ^2 /NDF: 203.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 32.934 $\pm$ 0.989 χ^2 /NDF: 399.6/4

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

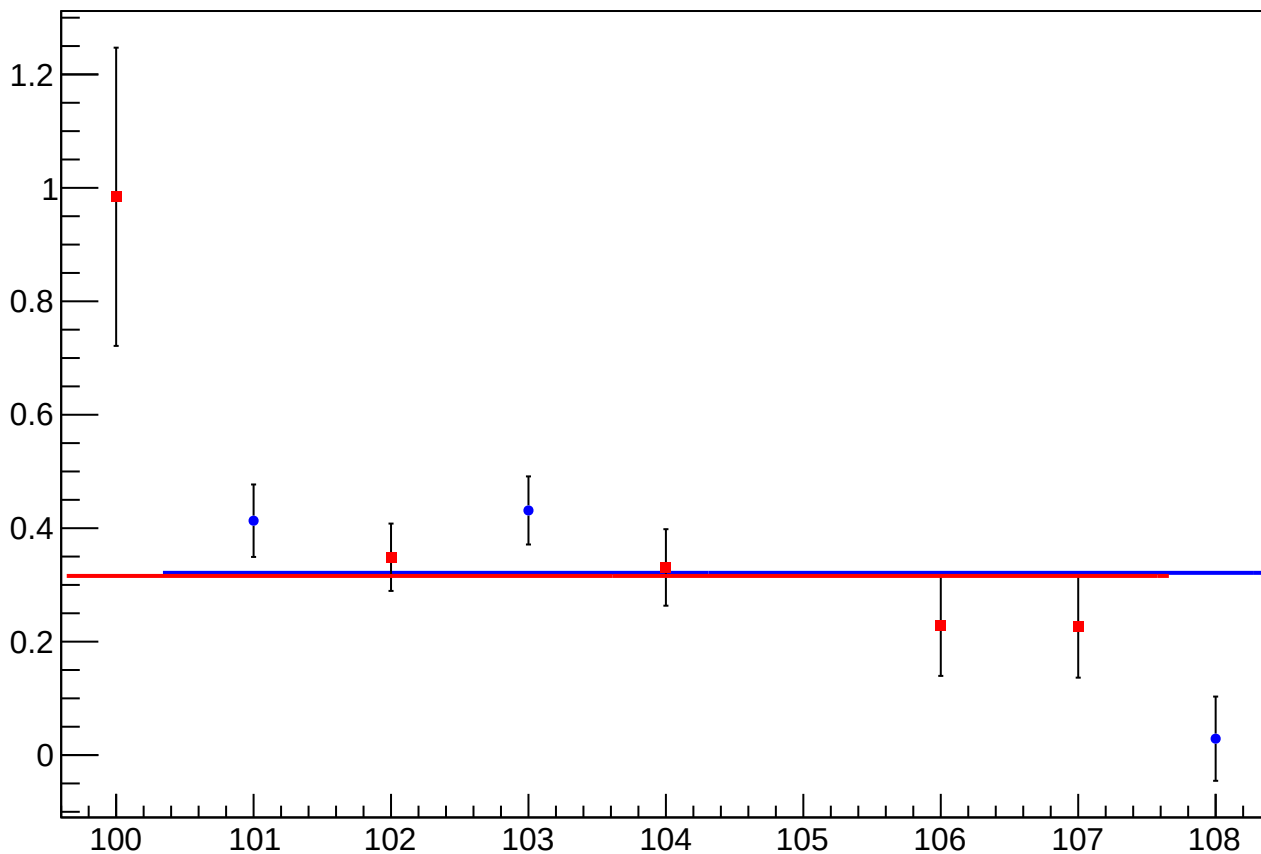
Right: 30.604 $\pm$ 0.722 χ^2 /NDF: 615.0/7

In: 27.945 $\pm$ 1.057 χ^2 /NDF: 203.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.604 $\pm$ 0.722 χ^2 /NDF: 615.0/7

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.321+/-0.038 χ^2/NDF : 20.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.316+/-0.036 χ^2/NDF : 8.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

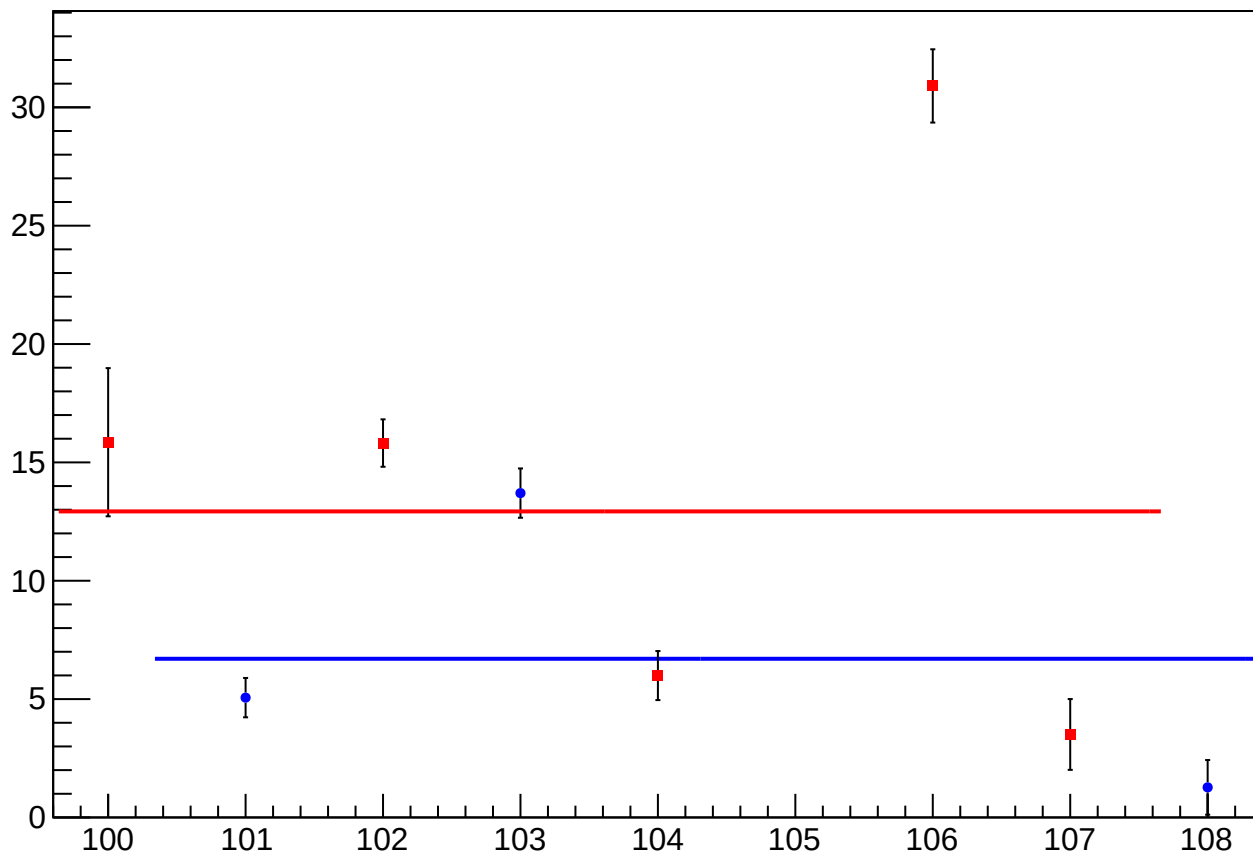
Right: 0.318+/-0.026 χ^2/NDF : 29.7/7

In: 0.321+/-0.038 χ^2/NDF : 20.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.318+/-0.026 χ^2/NDF : 29.7/7

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 6.703+/-0.566 χ^2/NDF : 71.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.929+/-0.588 χ^2/NDF : 228.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

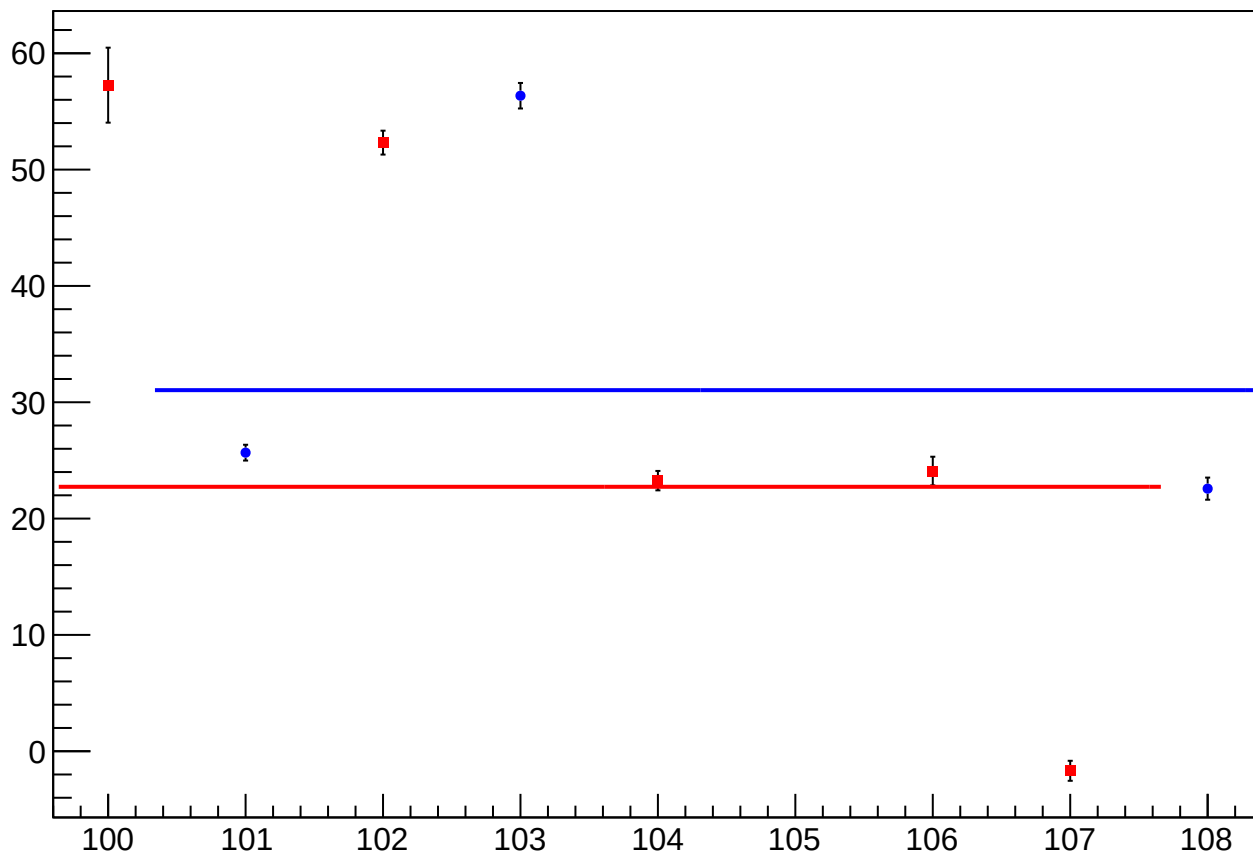
Right: 9.701+/-0.408 χ^2/NDF : 357.8/7

In: 6.703+/-0.566 χ^2/NDF : 71.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.701+/-0.408 χ^2/NDF : 357.8/7

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 31.041+/-0.494 χ^2/NDF : 673.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.732+/-0.472 χ^2/NDF : 1752.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

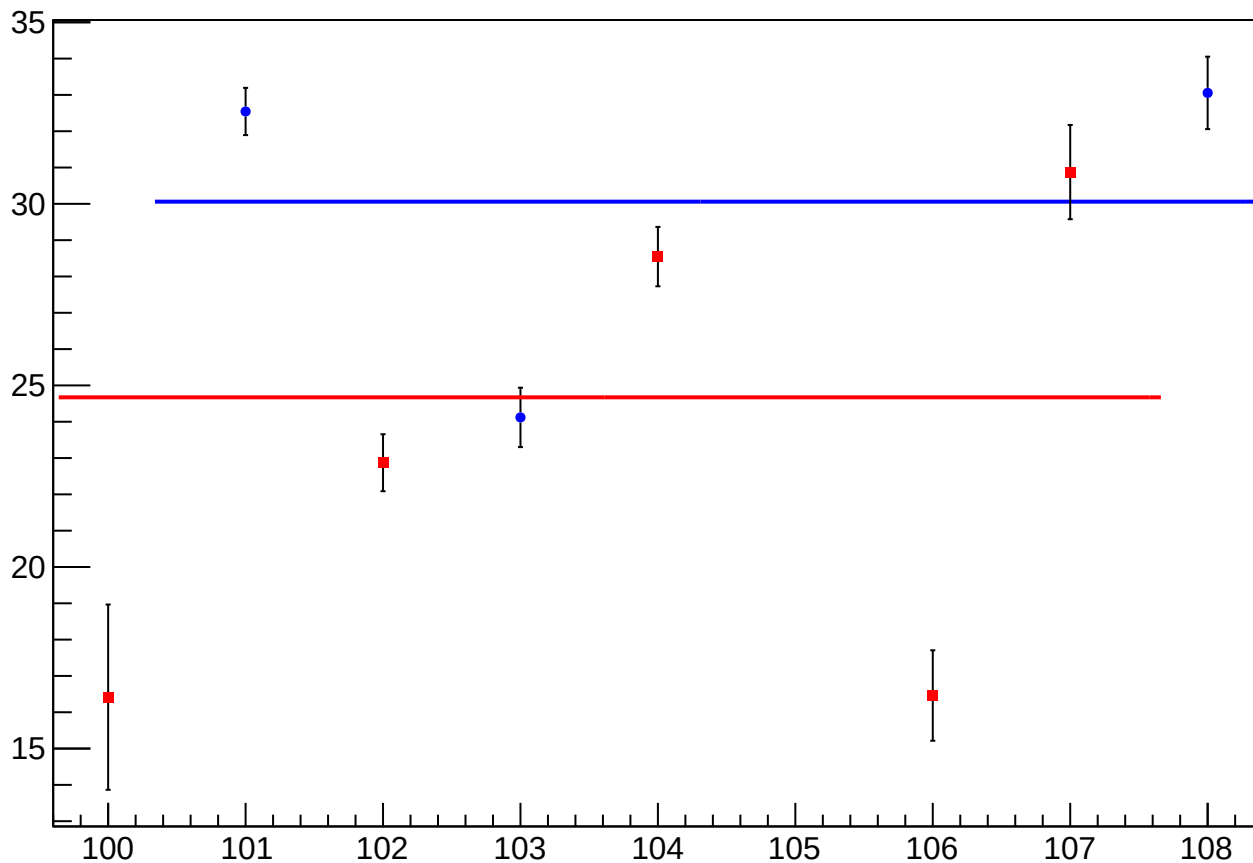
Right: 26.698+/-0.341 χ^2/NDF : 2573.7/7

In: 31.041+/-0.494 χ^2/NDF : 673.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.698+/-0.341 χ^2/NDF : 2573.7/7

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 30.060 $\pm$ 0.453 χ^2 /NDF: 76.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 24.672 $\pm$ 0.471 χ^2 /NDF: 104.5/4

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

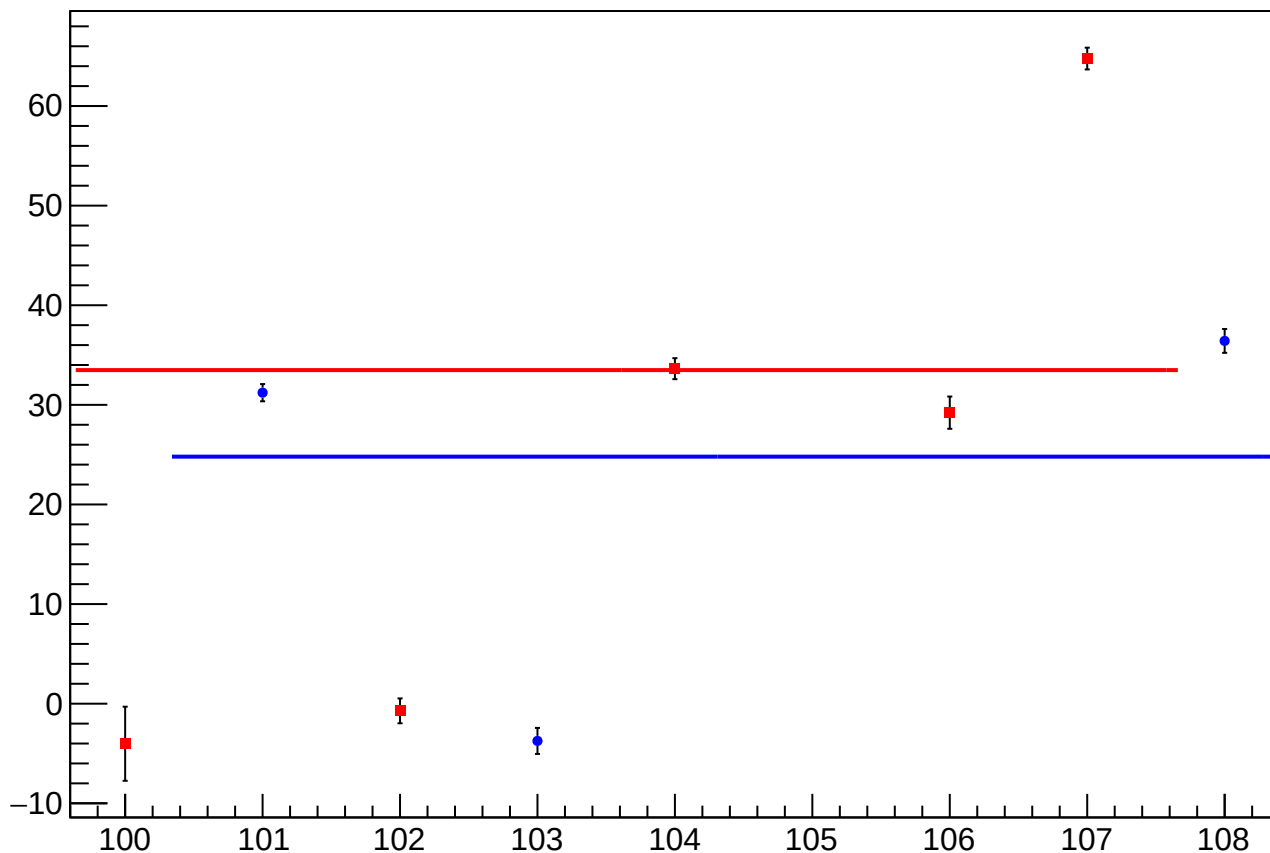
Right: 27.467 $\pm$ 0.327 χ^2 /NDF: 248.9/7

In: 30.060 $\pm$ 0.453 χ^2 /NDF:76.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 27.467 $\pm$ 0.327 χ^2 /NDF: 248.9/7

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 24.801+/-0.618 χ^2/NDF : 626.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.490+/-0.594 χ^2/NDF : 1680.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

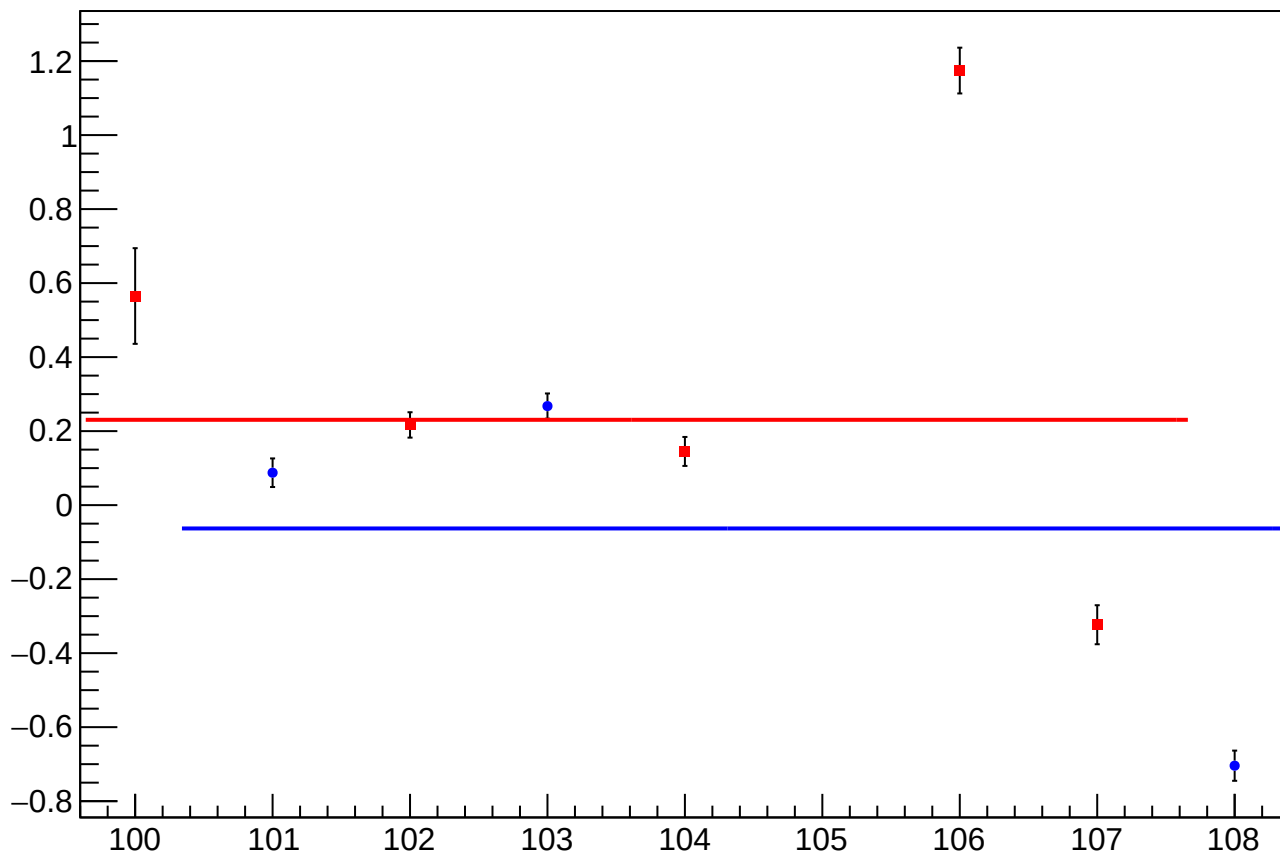
Right: 29.315+/-0.428 χ^2/NDF : 2409.3/7

In: 24.801+/-0.618 χ^2/NDF : 626.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.315+/-0.428 χ^2/NDF : 2409.3/7

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.063+/-0.022 χ^2/NDF : 356.2/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.231+/-0.021 χ^2/NDF : 354.8/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

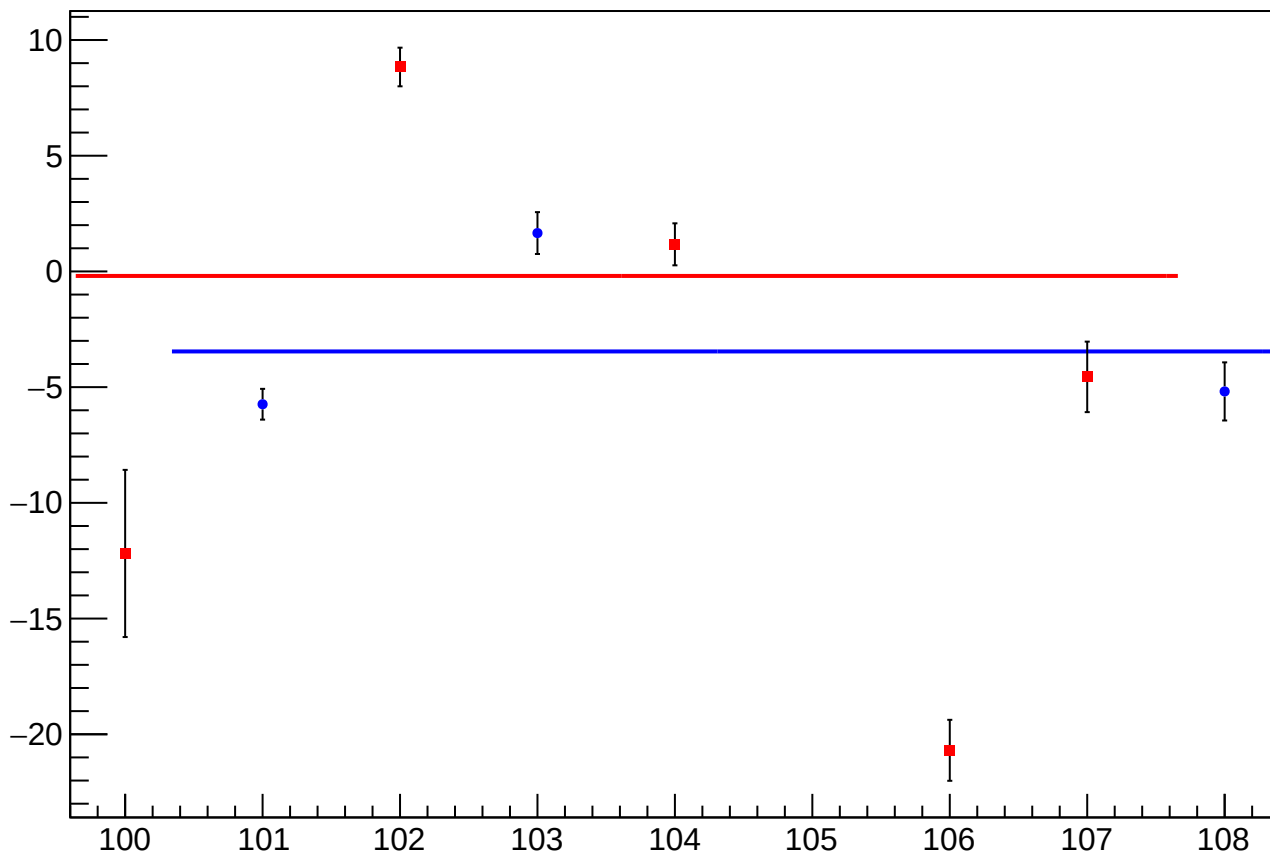
Right: 0.086+/-0.015 χ^2/NDF : 803.9/7

In: -0.063+/-0.022 χ^2/NDF :356.2/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.086+/-0.015 χ^2/NDF : 803.9/7

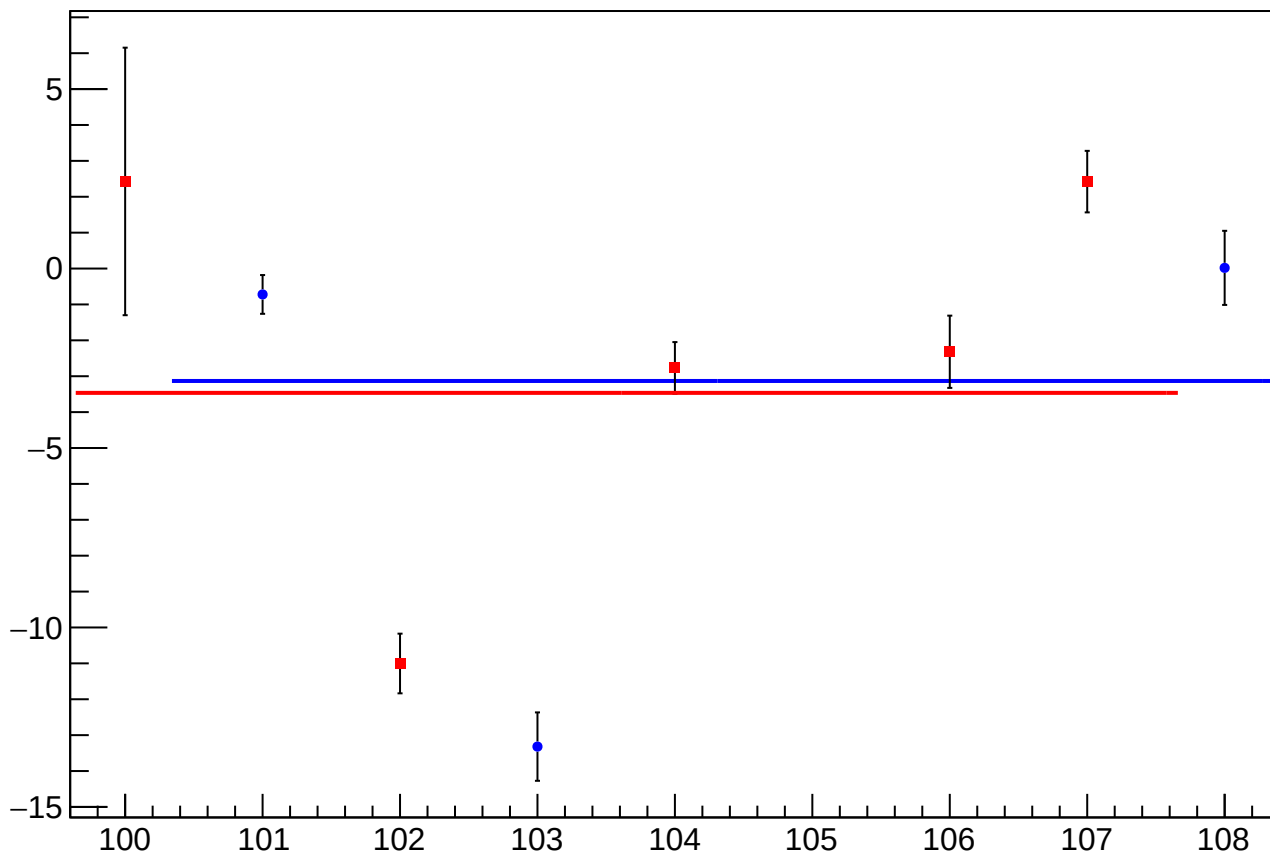
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.458+/-0.493 χ^2/NDF : 45.7/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.195+/-0.518 χ^2/NDF : 380.6/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -1.906+/-0.357 χ^2/NDF : 447.1/7
 In: -3.458+/-0.493 χ^2/NDF : 45.7/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -1.906+/-0.357 χ^2/NDF : 447.1/7

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.132 $\pm$ 0.428 χ^2 /NDF: 143.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.464 $\pm$ 0.415 χ^2 /NDF: 134.1/4

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

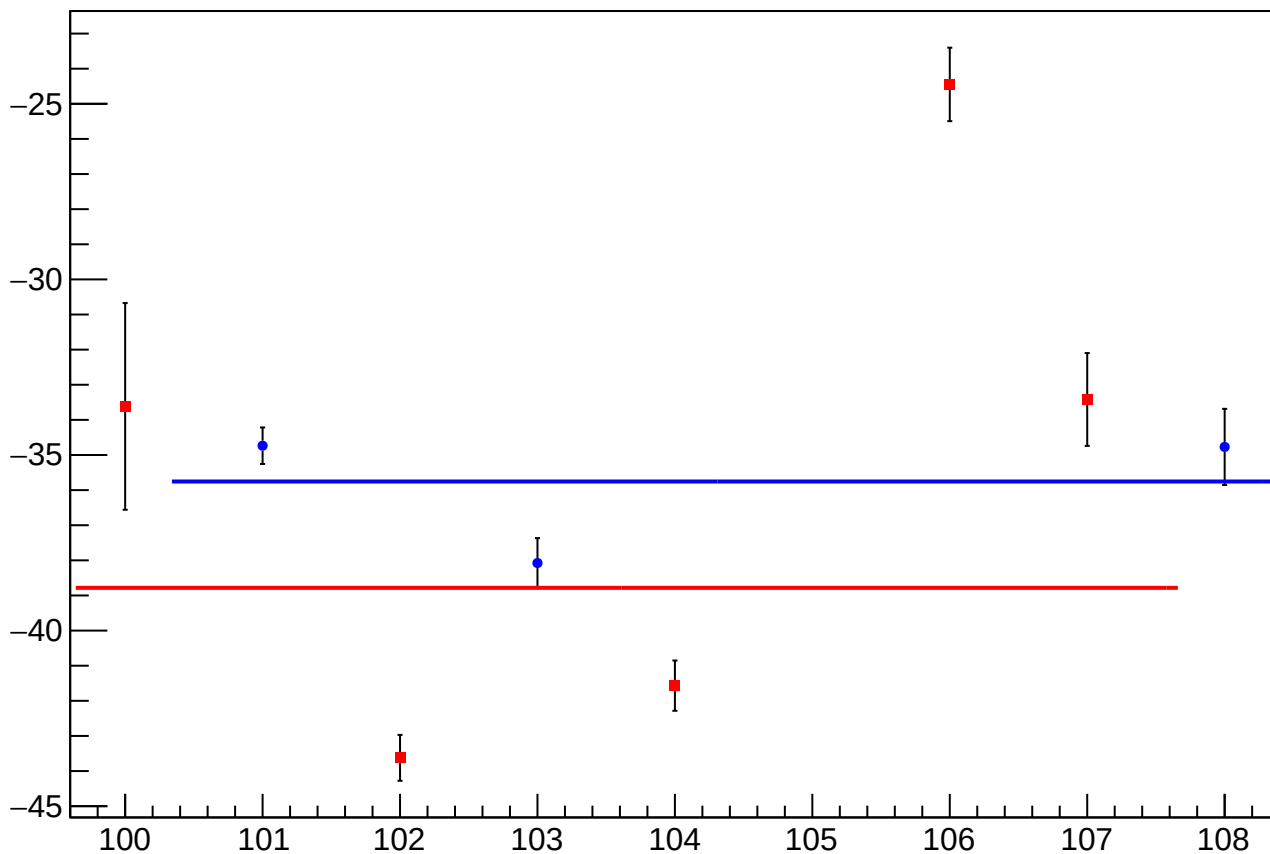
Right: -3.303 $\pm$ 0.298 χ^2 /NDF: 278.0/7

In: -3.132 $\pm$ 0.428 χ^2 /NDF:143.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -3.303 $\pm$ 0.298 χ^2 /NDF: 278.0/7

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -35.755 $\pm$ 0.391 χ^2 /NDF: 15.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -38.783 $\pm$ 0.412 χ^2 /NDF: 277.2/4

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

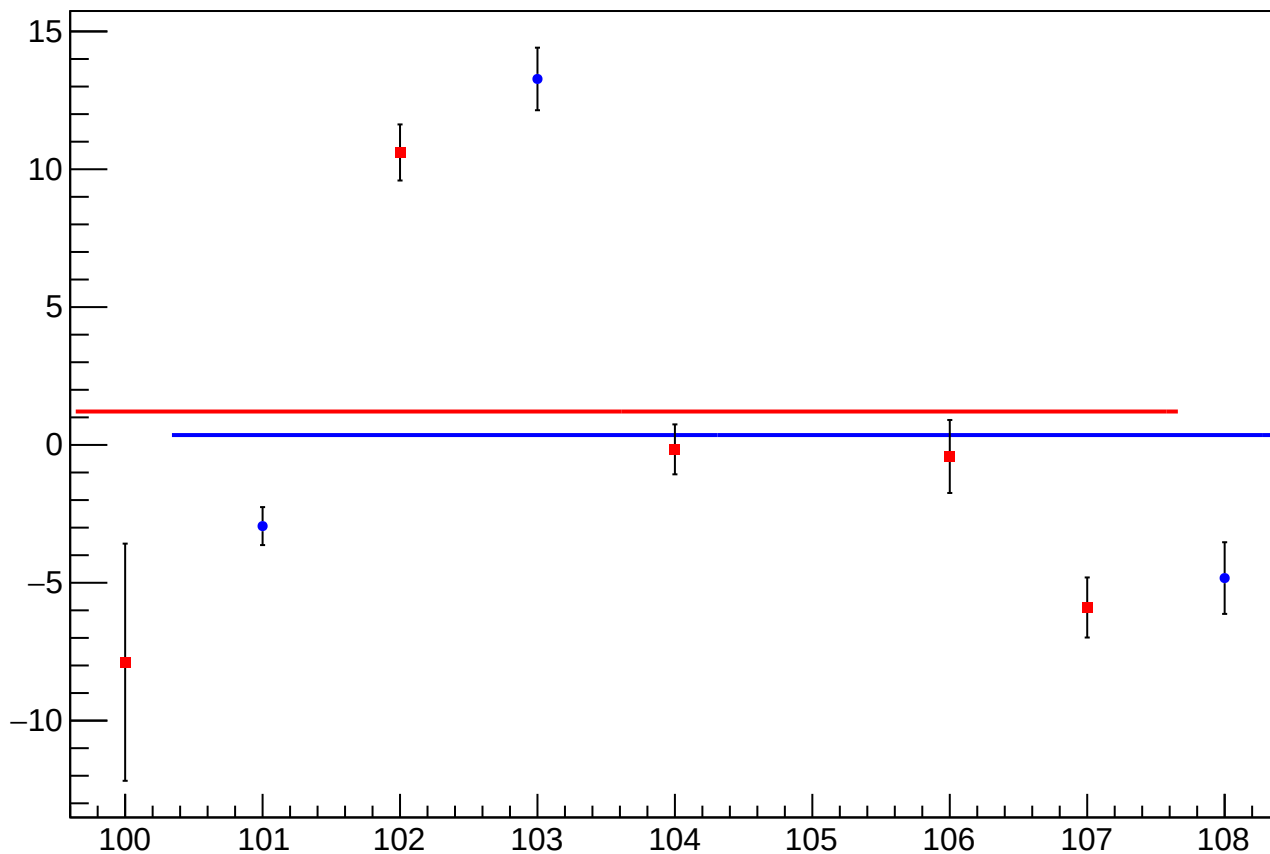
Right: -37.191 $\pm$ 0.284 χ^2 /NDF: 320.9/7

In: -35.755 $\pm$ 0.391 χ^2 /NDF: 15.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -37.191 $\pm$ 0.284 χ^2 /NDF: 320.9/7

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.358+/-0.536 χ^2/NDF : 168.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.212+/-0.523 χ^2/NDF : 136.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

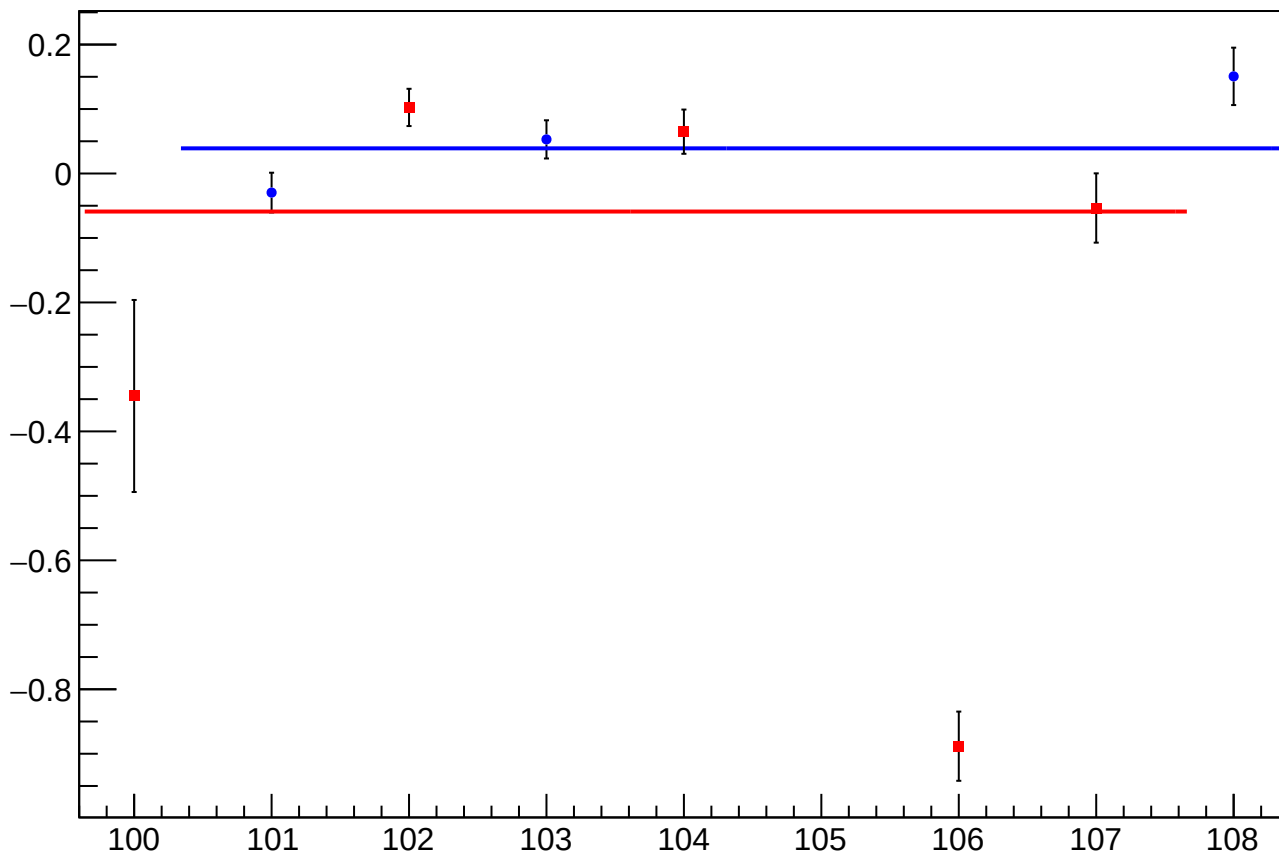
Right: 0.796+/-0.375 χ^2/NDF : 305.9/7

In: 0.358+/-0.536 χ^2/NDF : 168.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.796+/-0.375 χ^2/NDF : 305.9/7

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.039+/-0.019 χ^2/NDF : 11.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.059+/-0.019 χ^2/NDF : 286.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

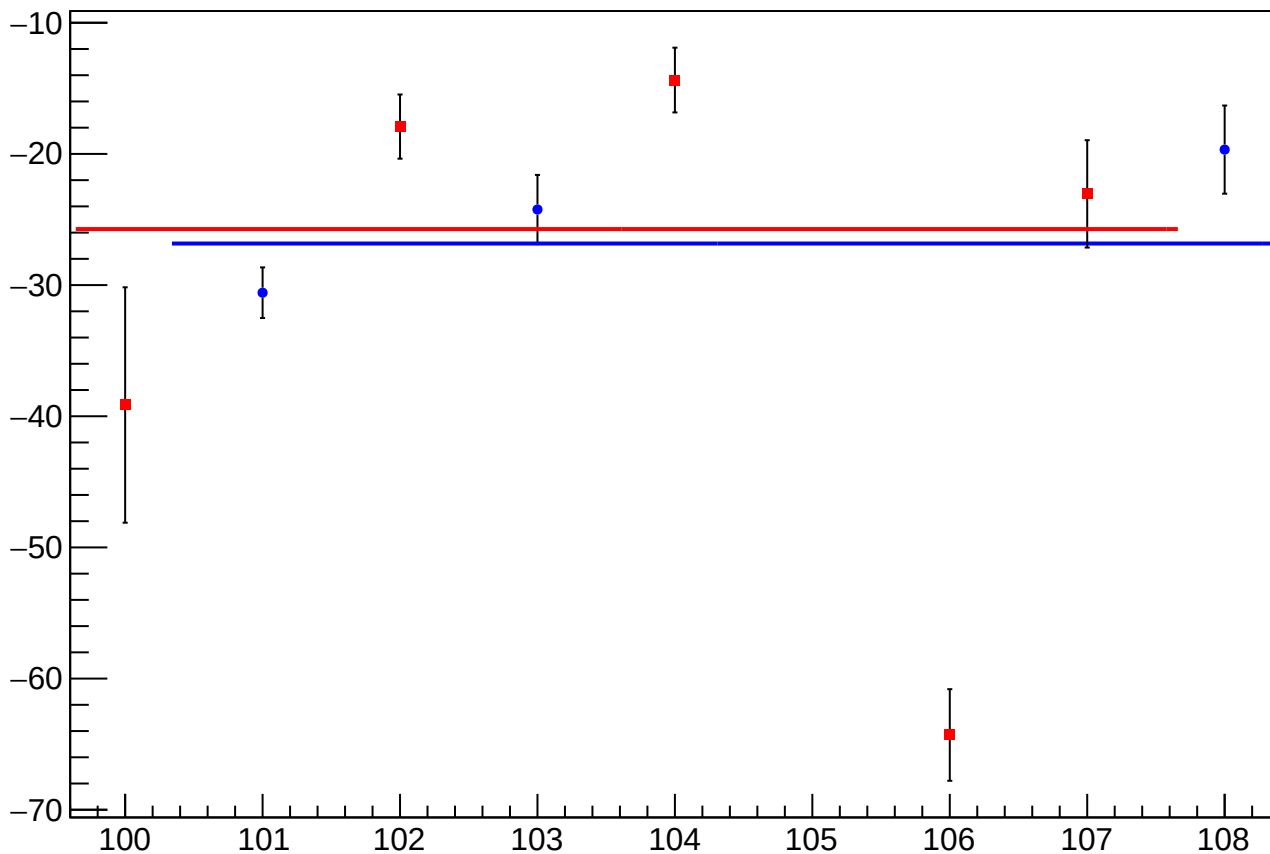
Right: -0.011+/-0.014 χ^2/NDF : 311.3/7

In: 0.039+/-0.019 χ^2/NDF : 11.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.014 χ^2/NDF : 311.3/7

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -26.831+/-1.413 χ^2/NDF : 9.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.729+/-1.436 χ^2/NDF : 156.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

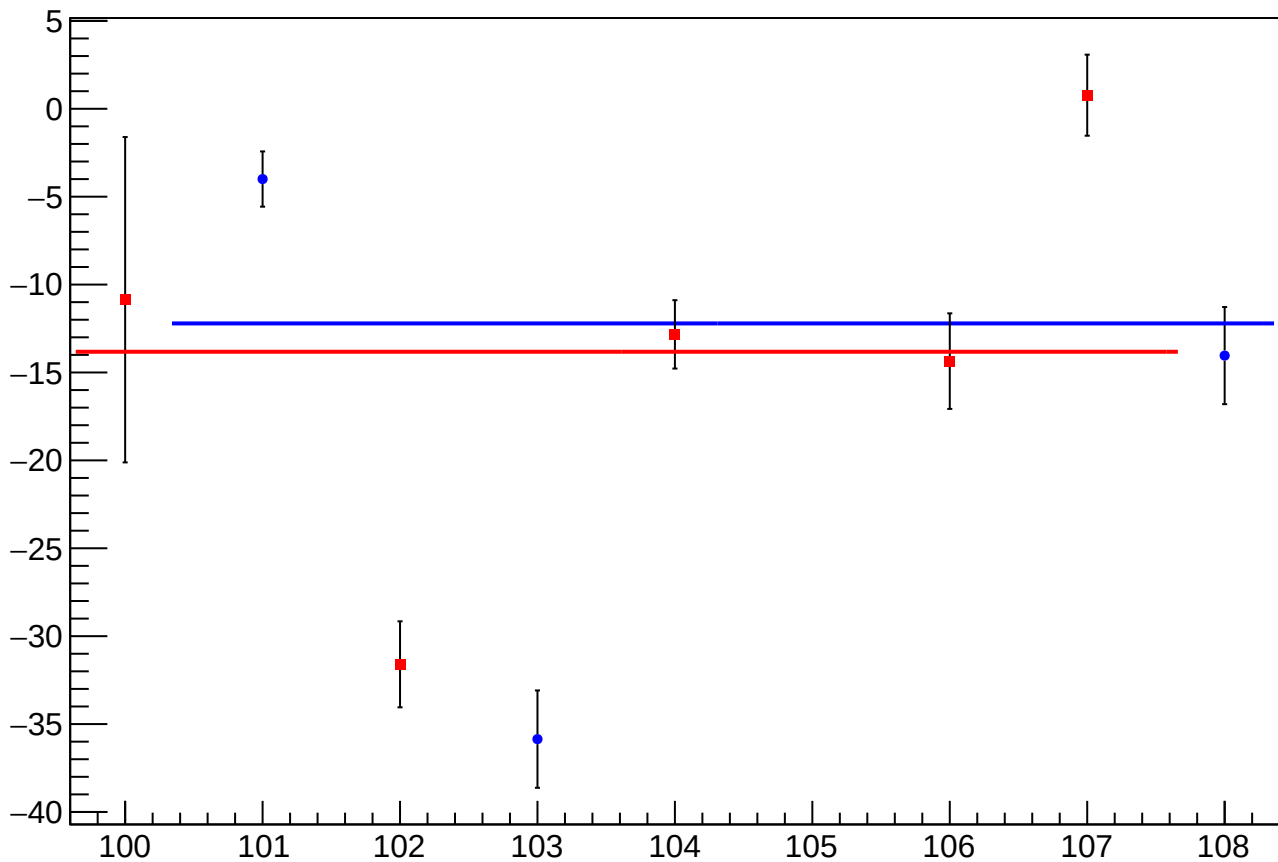
Right: -26.289+/-1.007 χ^2/NDF : 165.6/7

In: -26.831+/-1.413 χ^2/NDF : 9.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.289+/-1.007 χ^2/NDF : 165.6/7

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.210 $\pm$ 1.225 χ^2 /NDF: 100.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -13.822 $\pm$ 1.142 χ^2 /NDF: 93.3/4

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

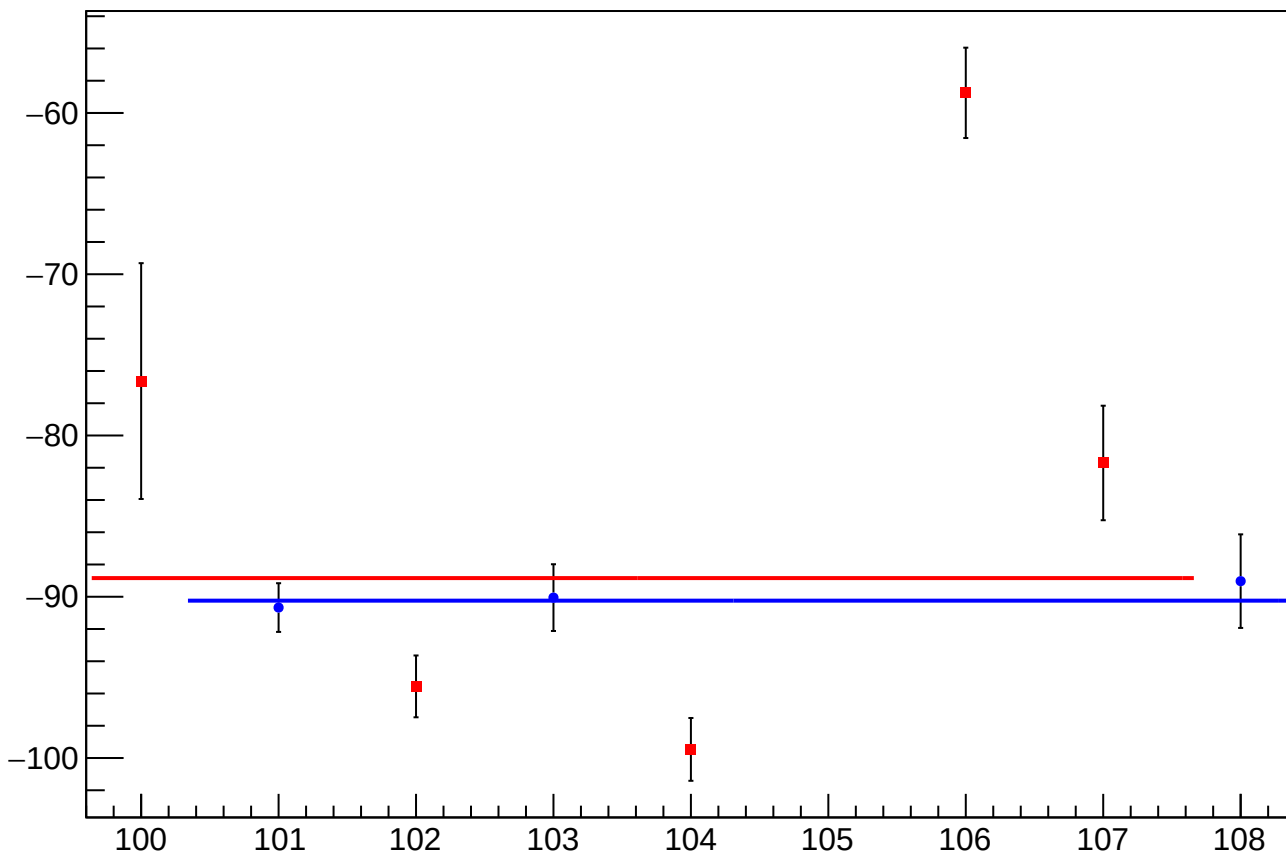
Right: -13.072 $\pm$ 0.835 χ^2 /NDF: 194.9/7

In: -12.210 $\pm$ 1.225 χ^2 /NDF:100.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -13.072 $\pm$ 0.835 χ^2 /NDF: 194.9/7

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -90.242+/-1.124 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -88.843+/-1.146 χ^2/NDF : 164.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

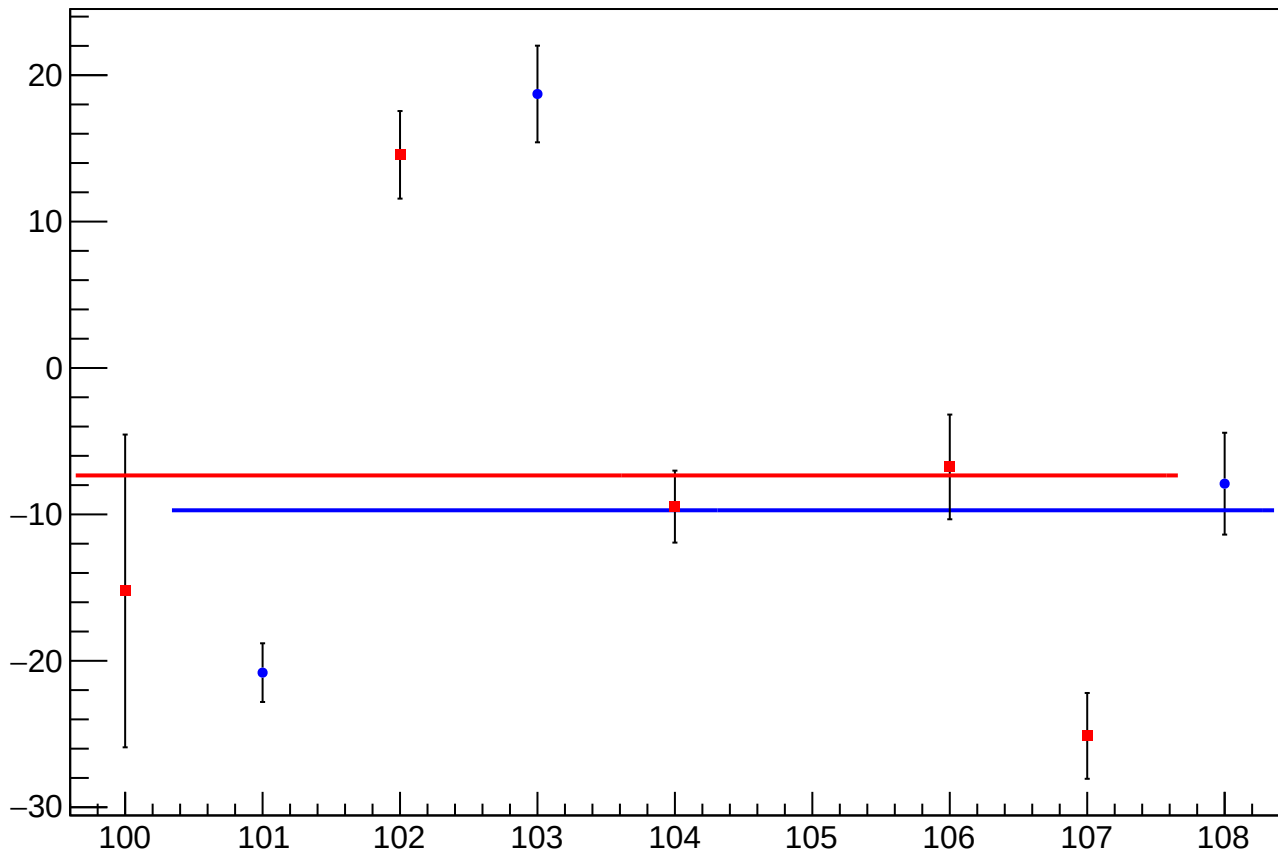
Right: -89.556+/-0.803 χ^2/NDF : 165.2/7

In: -90.242+/-1.124 χ^2/NDF : 0.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -89.556+/-0.803 χ^2/NDF : 165.2/7

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -9.719+/-1.537 χ^2/NDF : 105.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.338+/-1.442 χ^2/NDF : 91.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

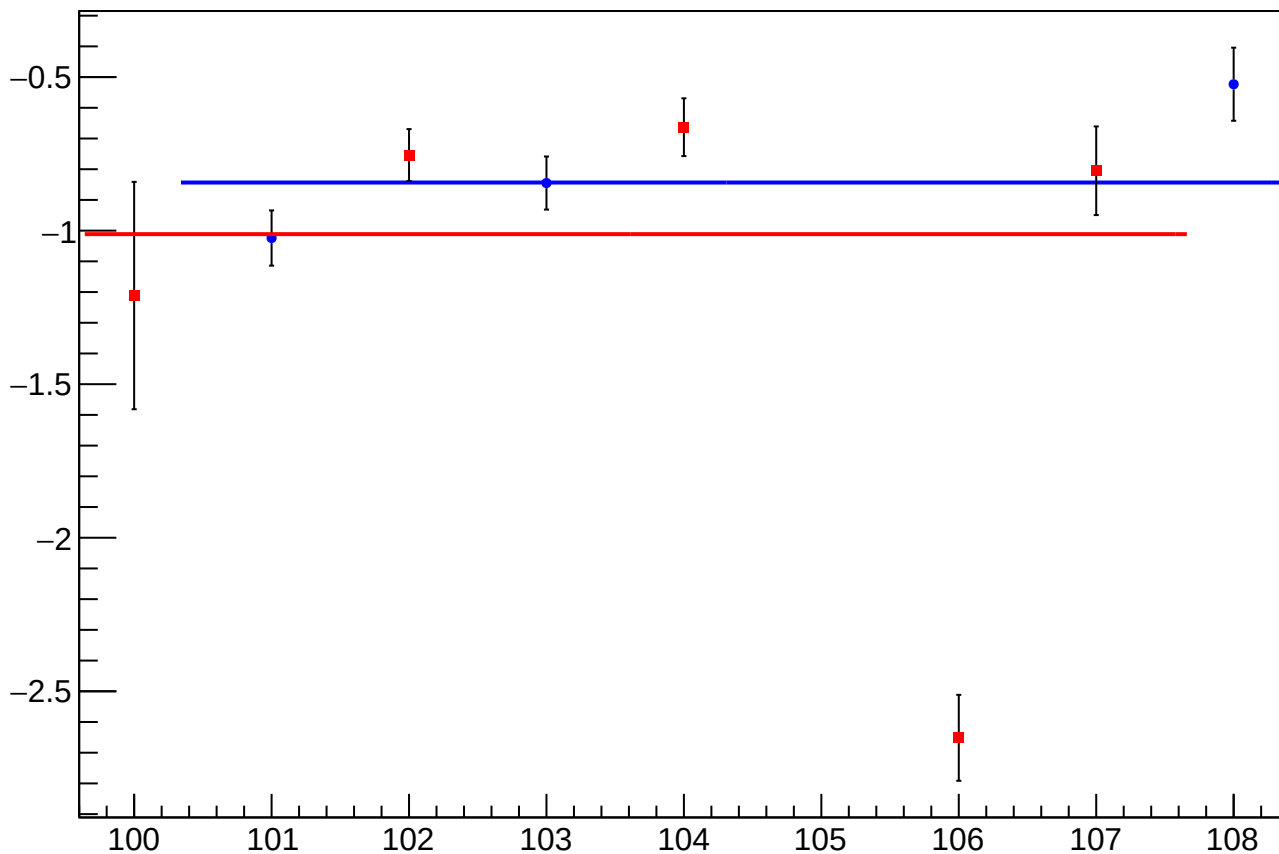
Right: -8.453+/-1.052 χ^2/NDF : 198.1/7

In: -9.719+/-1.537 χ^2/NDF : 105.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.453+/-1.052 χ^2/NDF : 198.1/7

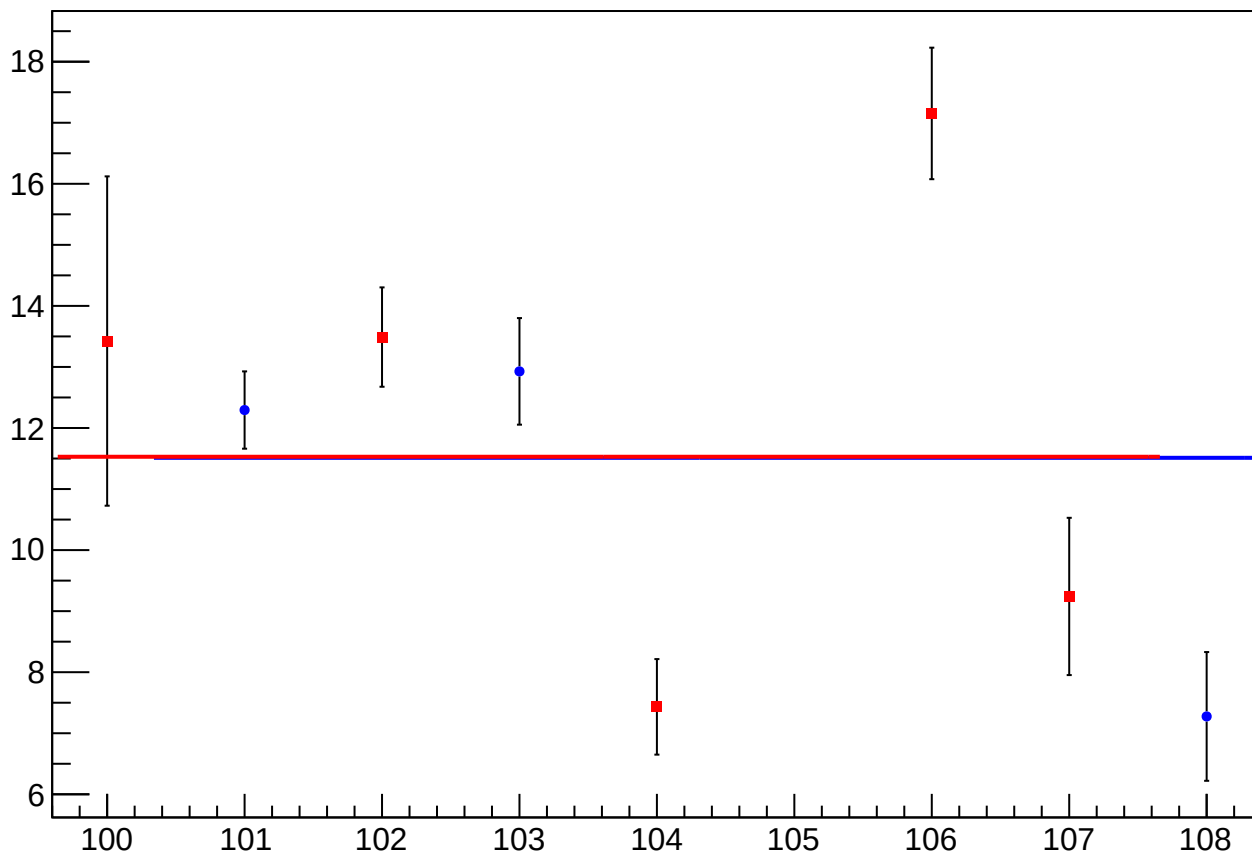
reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.843+/-0.055 χ^2 /NDF: 11.3/2
 Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 Right Out: -1.011+/-0.053 χ^2 /NDF: 162.7/4
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: -0.931+/-0.038 χ^2 /NDF: 178.8/7
 In: -0.843+/-0.055 χ^2 /NDF:11.3/2
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: -0.931+/-0.038 χ^2 /NDF: 178.8/7

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 11.512 $\pm$ 0.461 χ^2 /NDF: 20.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.529 $\pm$ 0.459 χ^2 /NDF: 64.1/4

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

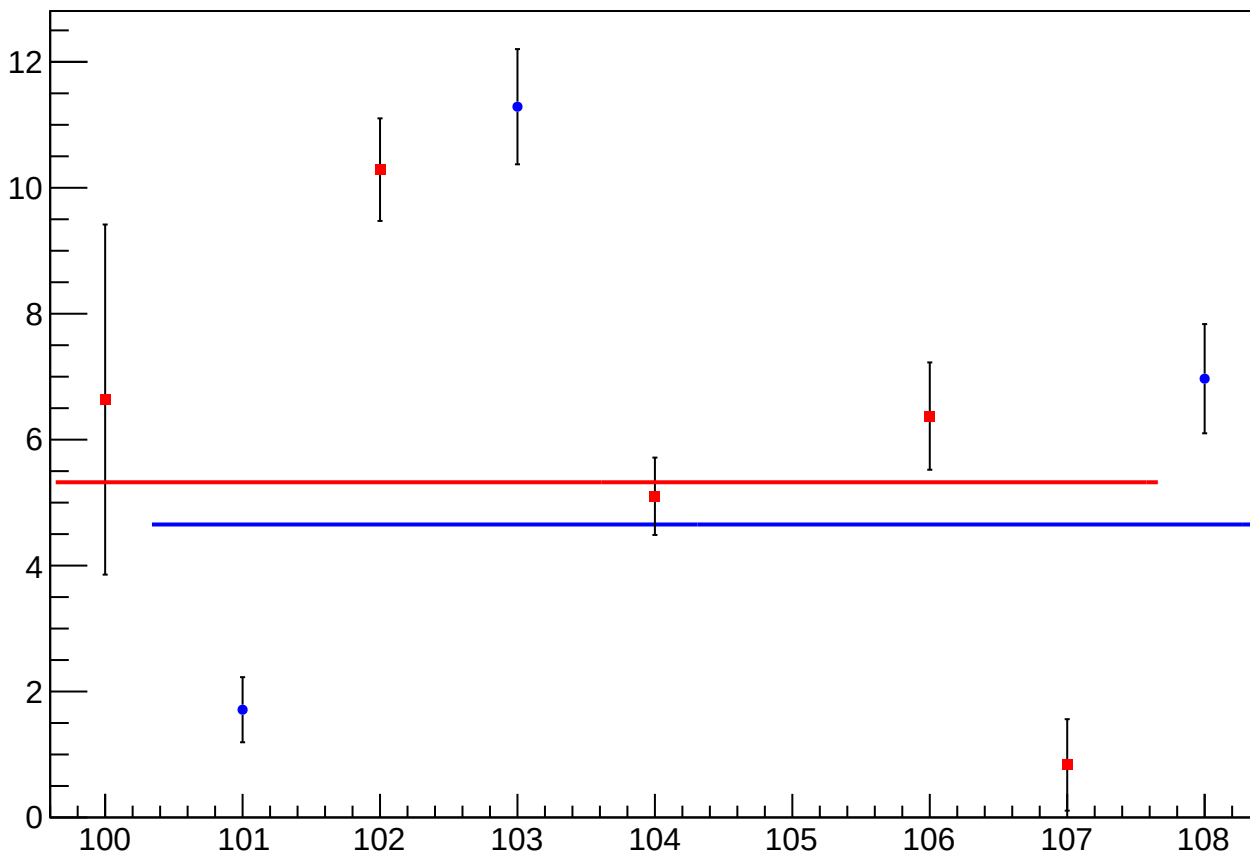
Right: 11.520 $\pm$ 0.325 χ^2 /NDF: 84.4/7

In: 11.512 $\pm$ 0.461 χ^2 /NDF:20.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 11.520 $\pm$ 0.325 χ^2 /NDF: 84.4/7

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.653+/-0.400 χ^2/NDF : 92.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.323+/-0.364 χ^2/NDF : 77.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

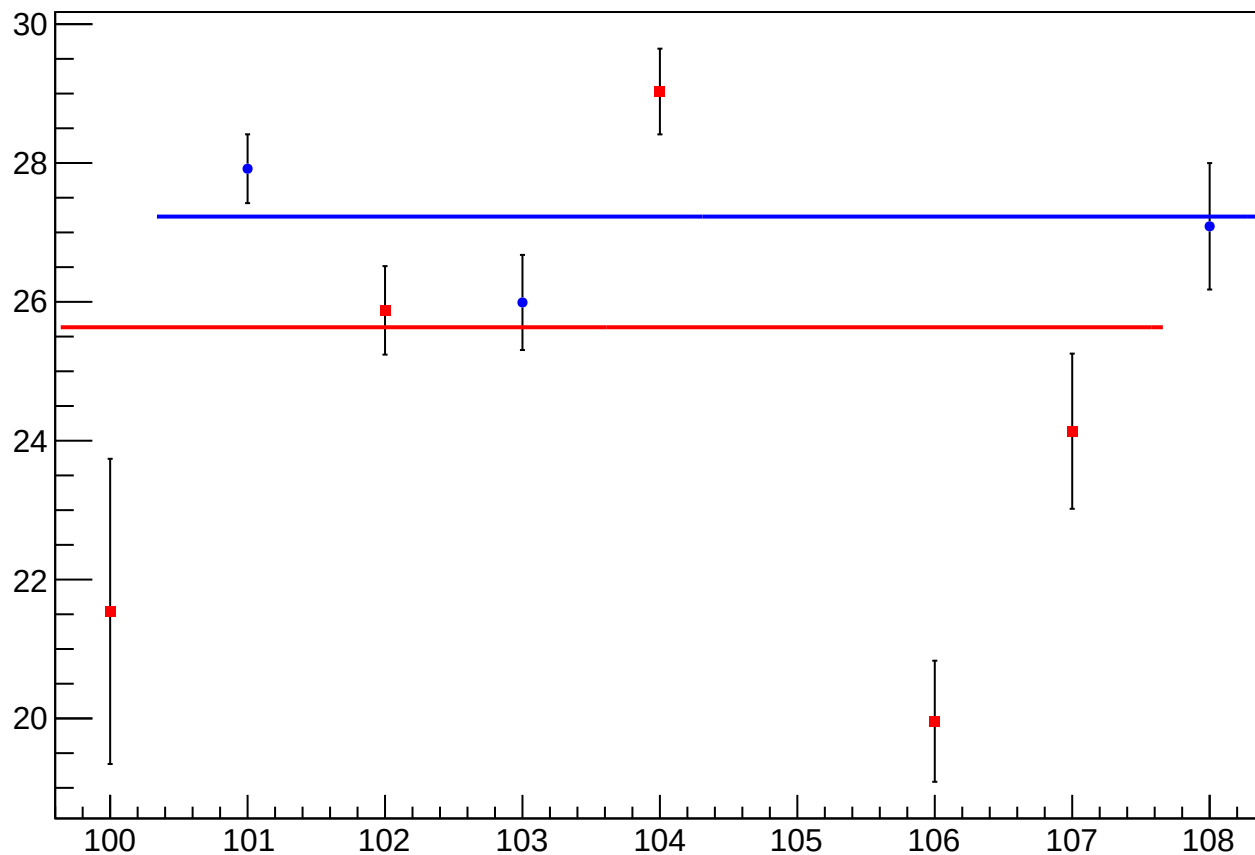
Right: 5.019+/-0.269 χ^2/NDF : 170.9/7

In: 4.653+/-0.400 χ^2/NDF : 92.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.019+/-0.269 χ^2/NDF : 170.9/7

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.228 $\pm$ 0.367 χ^2 /NDF: 5.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 25.634 $\pm$ 0.367 χ^2 /NDF: 78.0/4

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

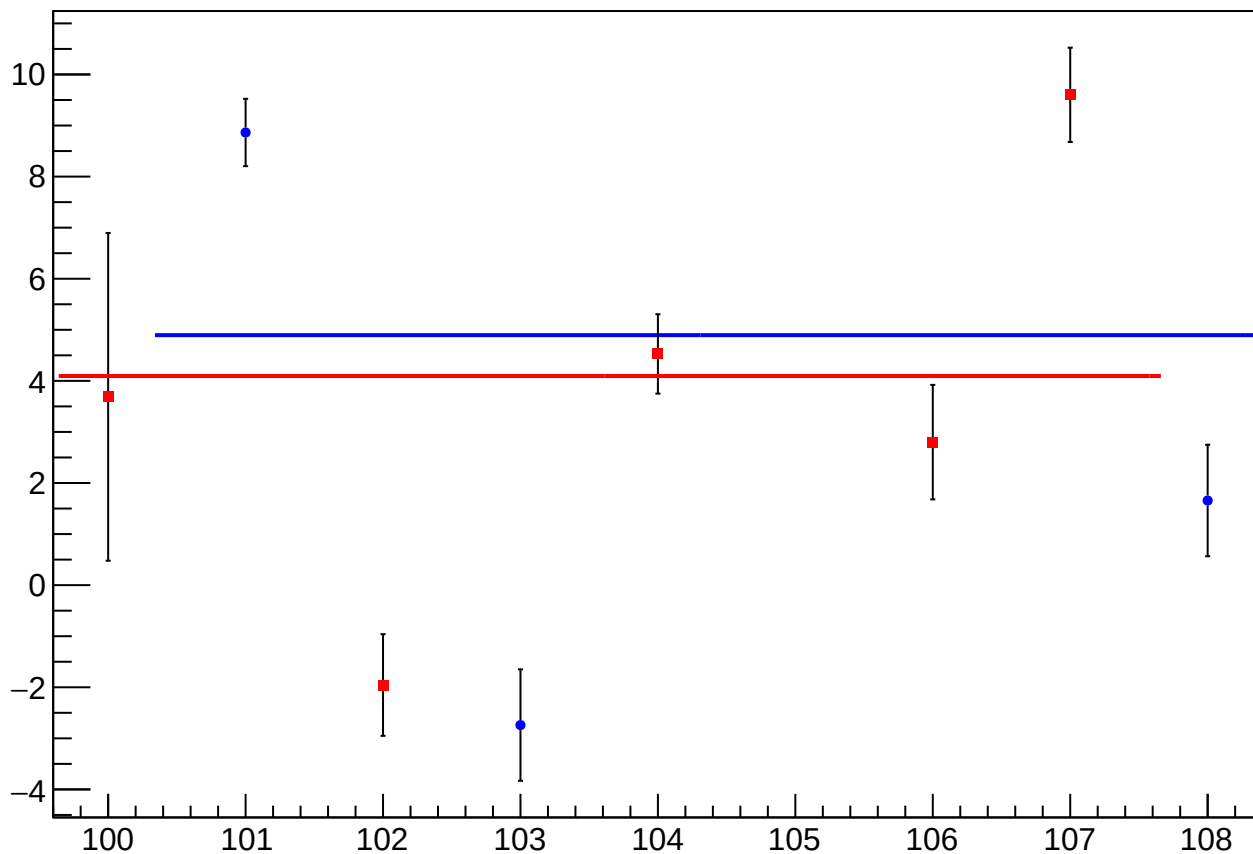
Right: 26.431 $\pm$ 0.260 χ^2 /NDF: 92.6/7

In: 27.228 $\pm$ 0.367 χ^2 /NDF: 5.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 26.431 $\pm$ 0.260 χ^2 /NDF: 92.6/7

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.895+/-0.501 χ^2/NDF : 94.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.095+/-0.460 χ^2/NDF : 74.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

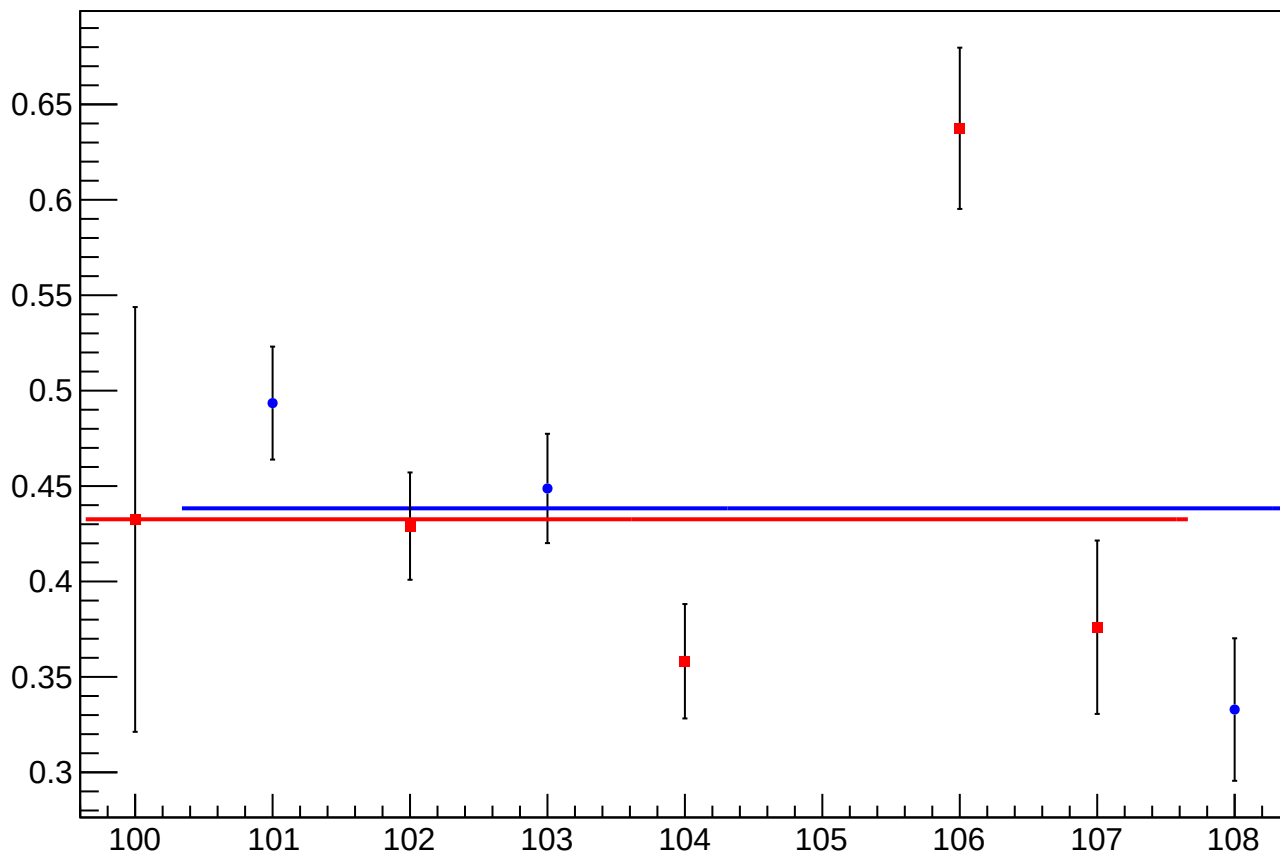
Right: 4.461+/-0.339 χ^2/NDF : 169.5/7

In: 4.895+/-0.501 χ^2/NDF : 94.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.461+/-0.339 χ^2/NDF : 169.5/7

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.438+/-0.018 χ^2/NDF : 11.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.433+/-0.017 χ^2/NDF : 31.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

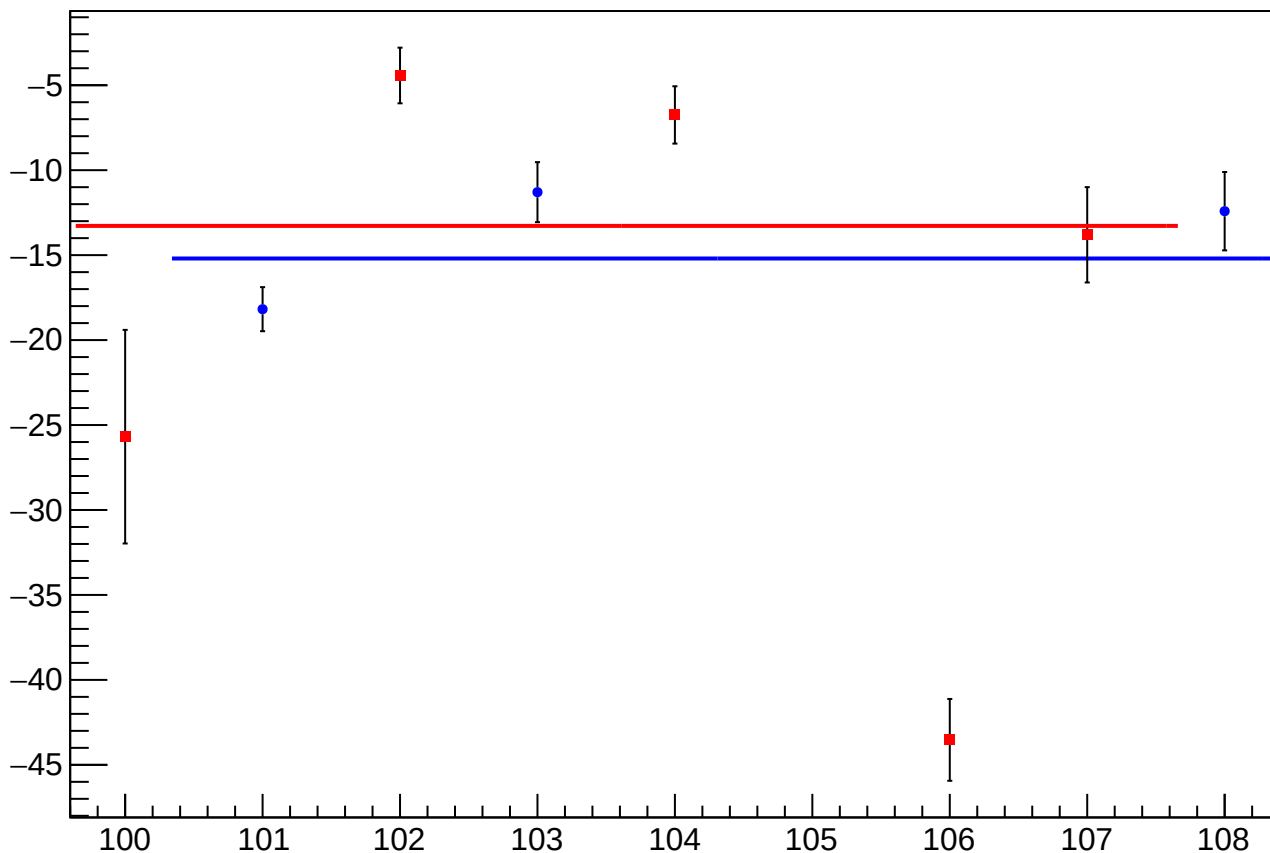
Right: 0.435+/-0.012 χ^2/NDF : 42.9/7

In: 0.438+/-0.018 χ^2/NDF : 11.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.435+/-0.012 χ^2/NDF : 42.9/7

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -15.198 $\pm$ 0.952 χ^2 /NDF: 11.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -13.279 $\pm$ 0.976 χ^2 /NDF: 205.9/4

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

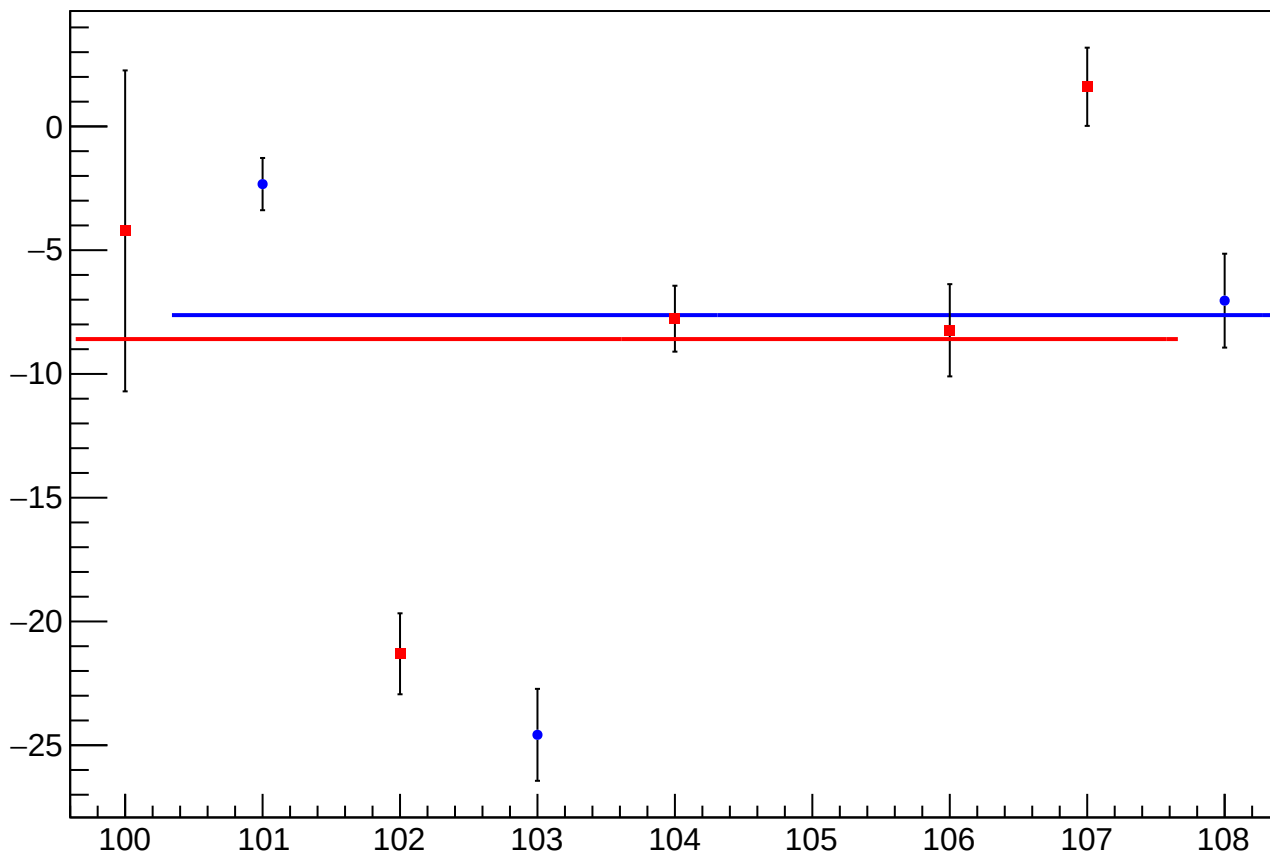
Right: -14.263 $\pm$ 0.682 χ^2 /NDF: 219.5/7

In: -15.198 $\pm$ 0.952 χ^2 /NDF:11.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -14.263 $\pm$ 0.682 χ^2 /NDF: 219.5/7

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.623+/-0.826 χ^2/NDF : 108.6/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -8.591+/-0.778 χ^2/NDF : 102.9/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

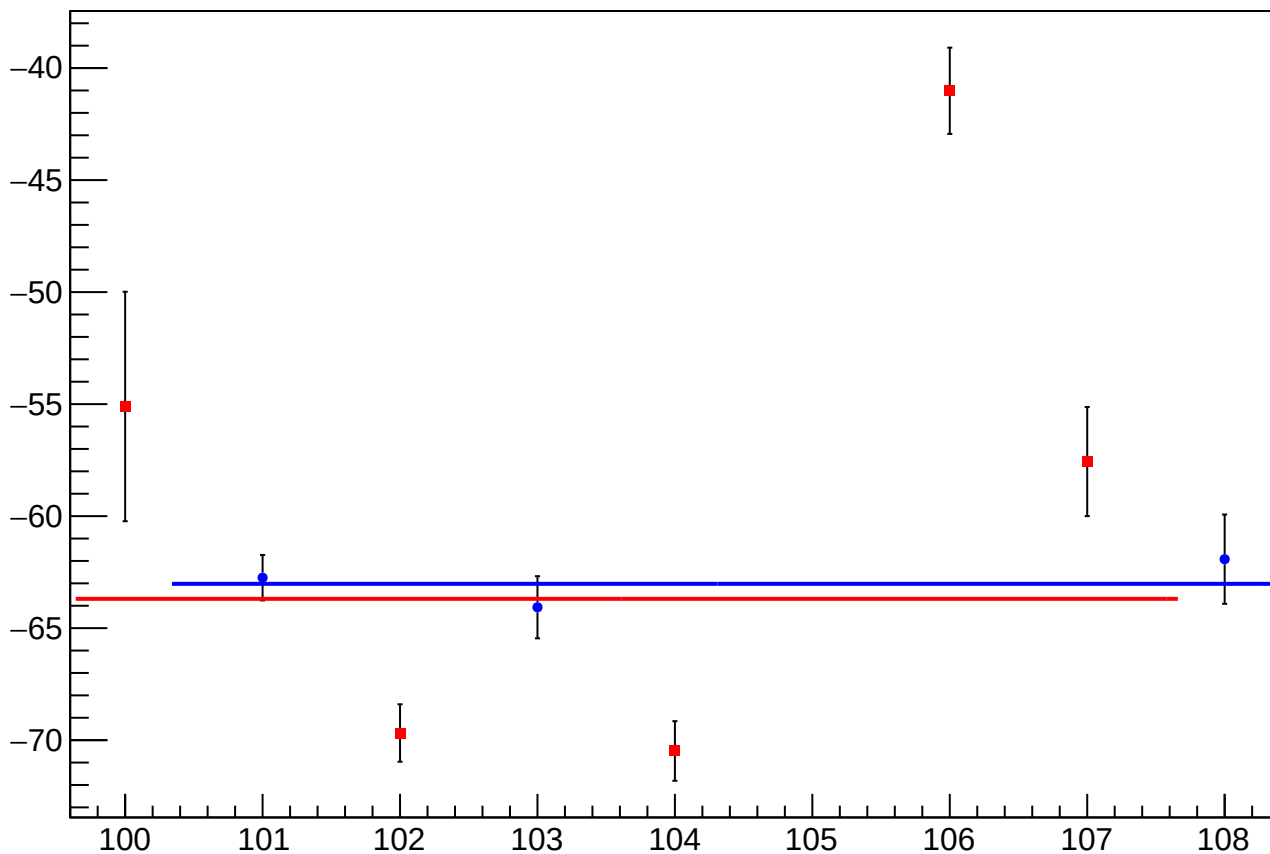
Right: -8.136+/-0.566 χ^2/NDF : 212.3/7

In: -7.623+/-0.826 χ^2/NDF :108.6/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -8.136+/-0.566 χ^2/NDF : 212.3/7

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -63.022+/-0.757 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -63.691+/-0.779 χ^2/NDF : 195.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

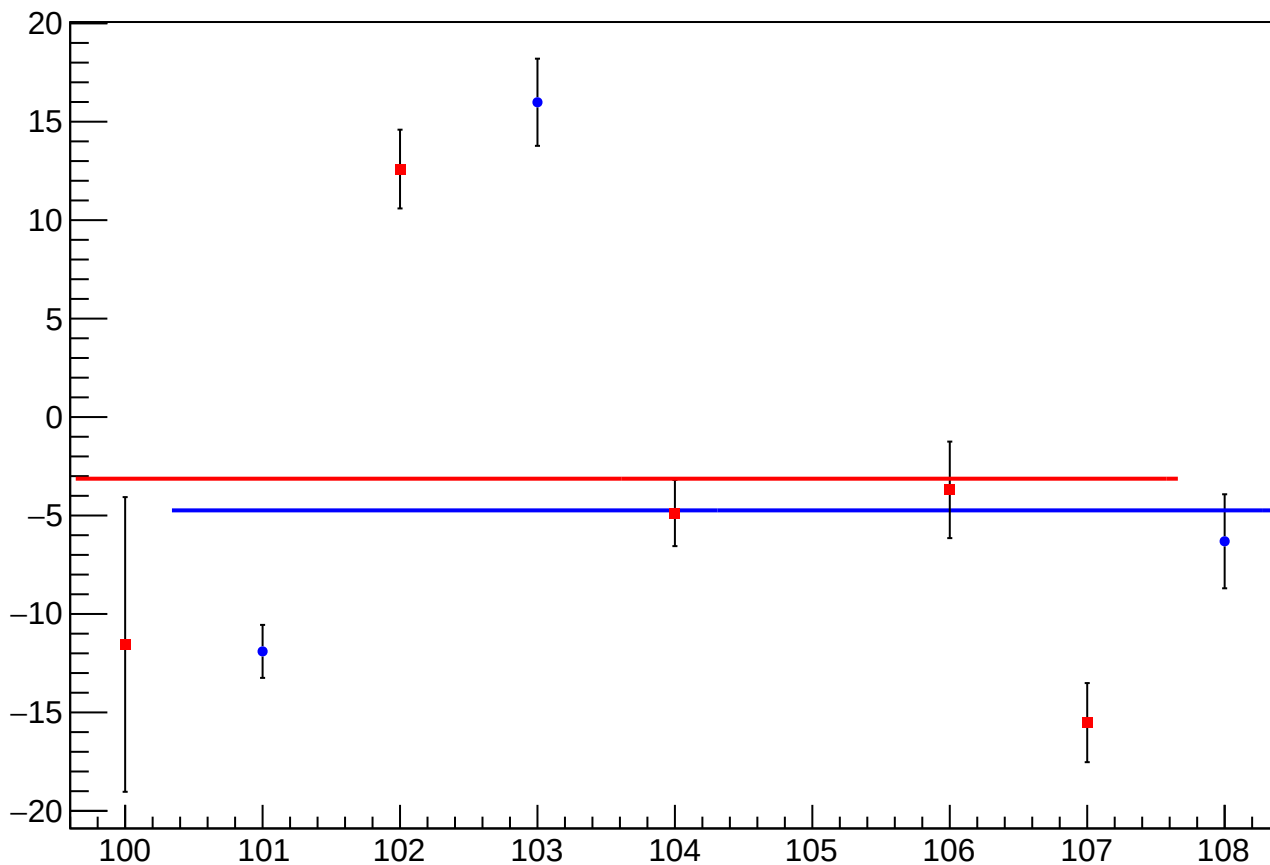
Right: -63.347+/-0.543 χ^2/NDF : 197.0/7

In: -63.022+/-0.757 χ^2/NDF : 0.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -63.347+/-0.543 χ^2/NDF : 197.0/7

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.739+/-1.036 χ^2/NDF : 116.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.130+/-0.982 χ^2/NDF : 102.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

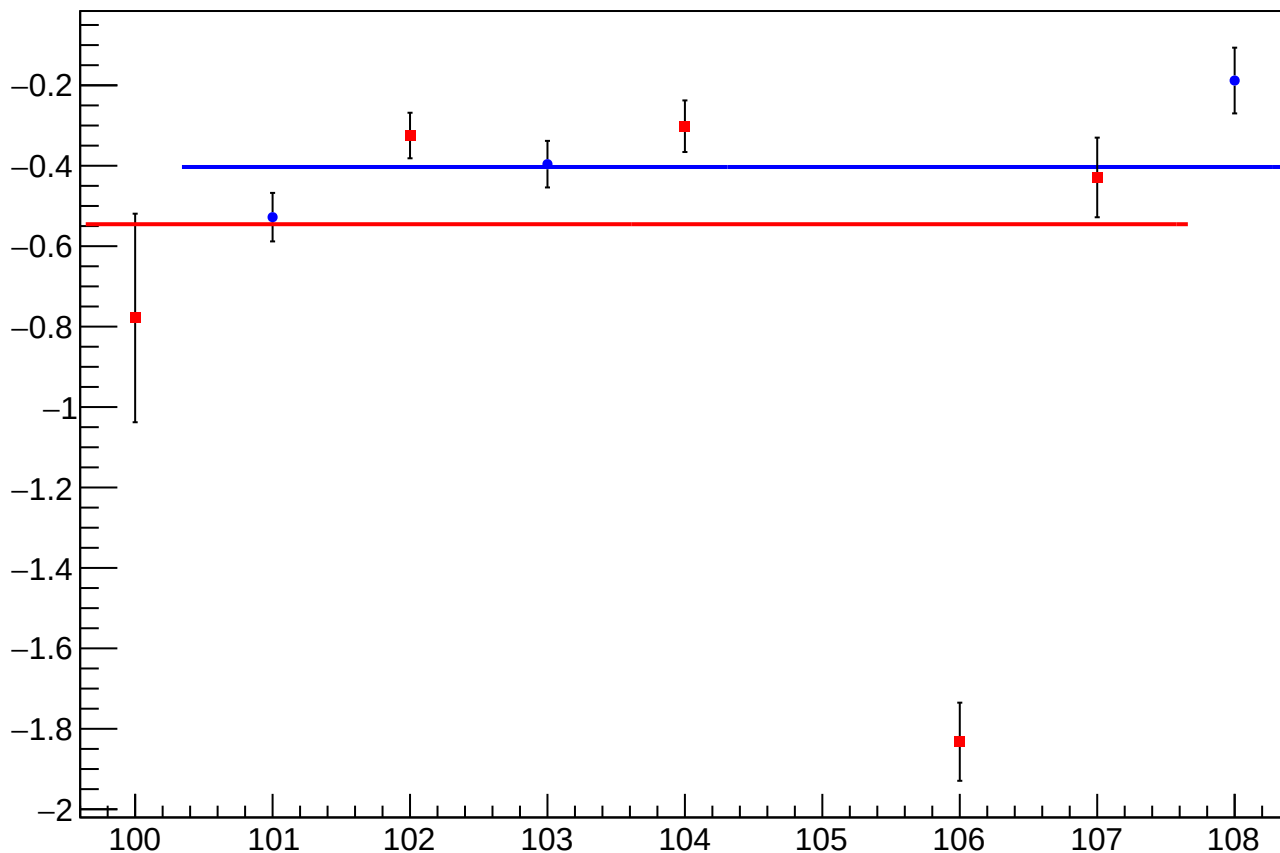
Right: -3.892+/-0.713 χ^2/NDF : 219.9/7

In: -4.739+/-1.036 χ^2/NDF : 116.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.892+/-0.713 χ^2/NDF : 219.9/7

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.403+/-0.037 χ^2/NDF : 11.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.545+/-0.036 χ^2/NDF : 207.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

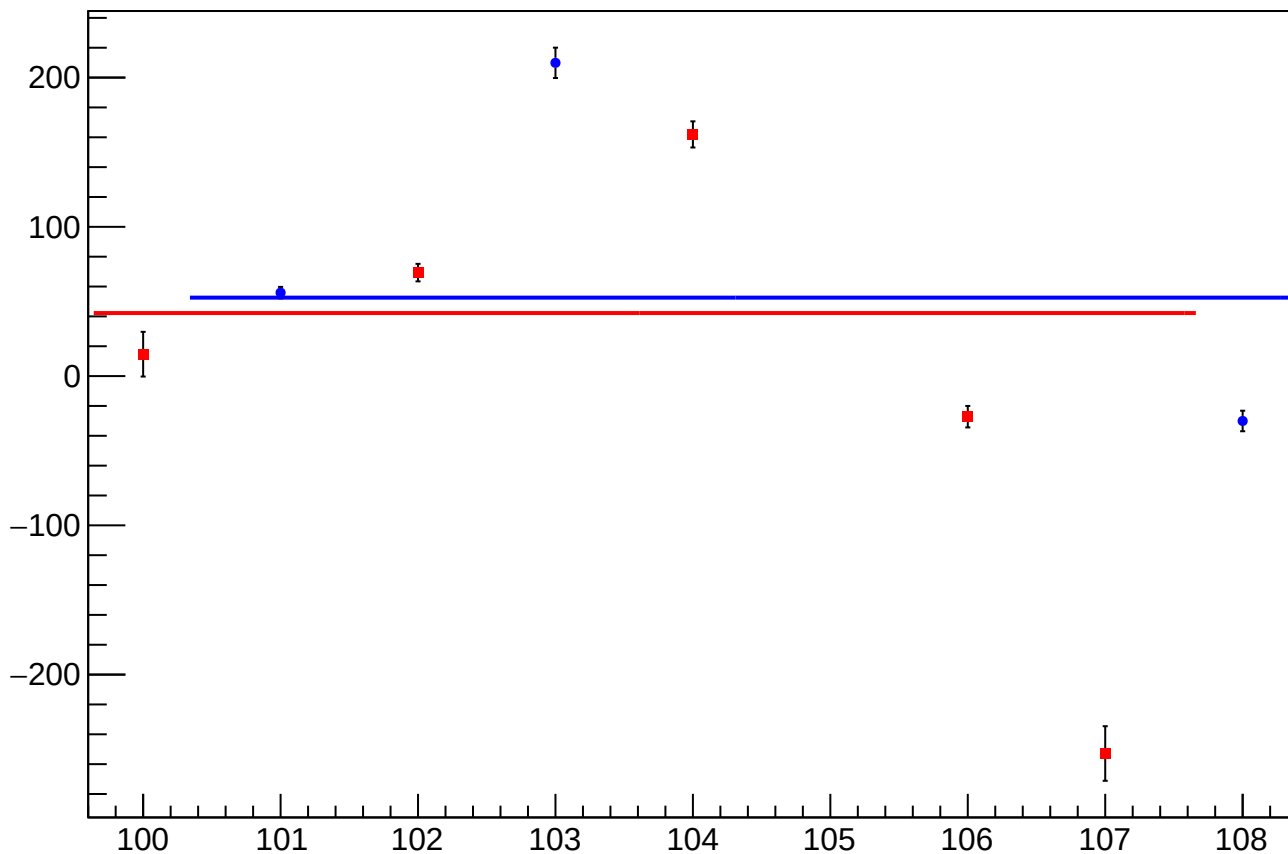
Right: -0.477+/-0.026 χ^2/NDF : 226.1/7

In: -0.403+/-0.037 χ^2/NDF : 11.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.477+/-0.026 χ^2/NDF : 226.1/7

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 52.567+/-3.198 χ^2/NDF : 384.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.239+/-3.811 χ^2/NDF : 564.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

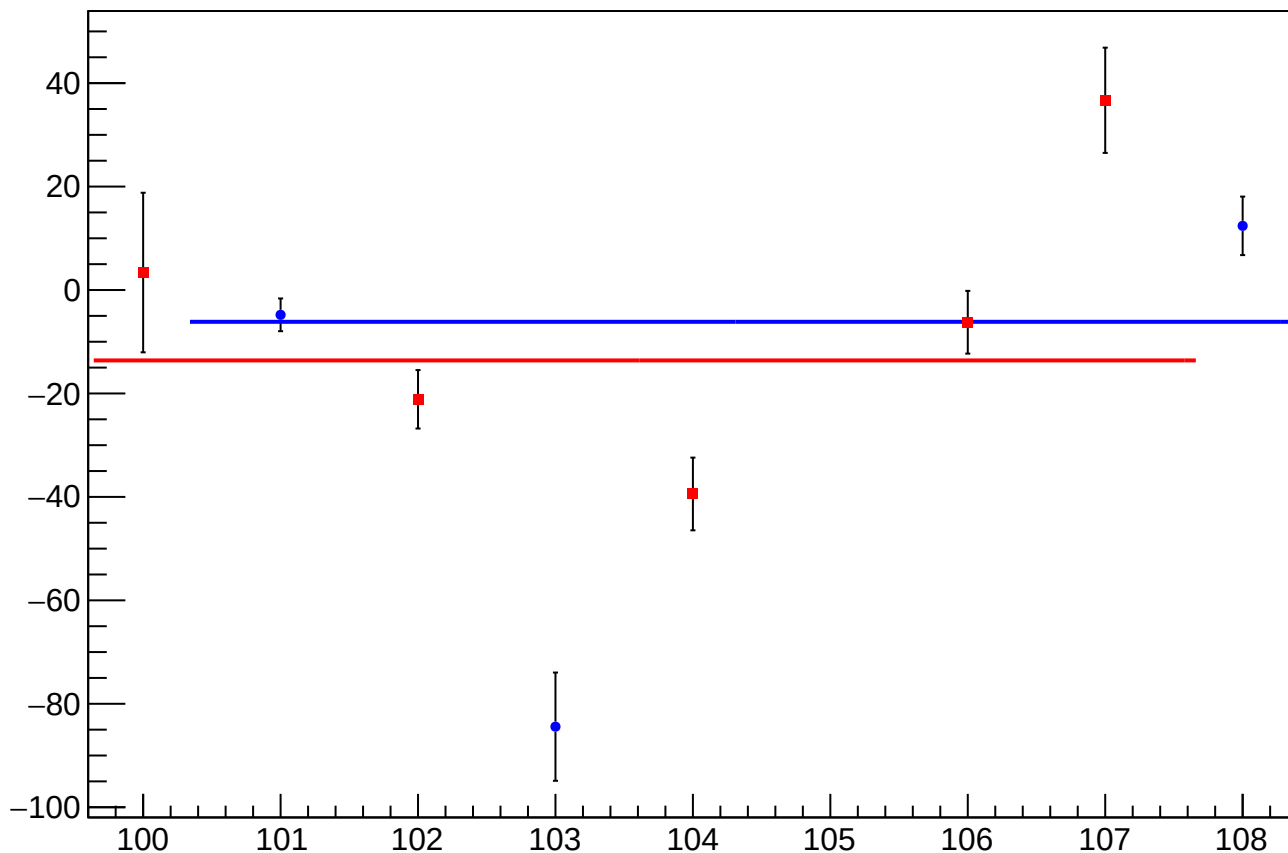
Right: 48.298+/-2.450 χ^2/NDF : 953.4/7

In: 52.567+/-3.198 χ^2/NDF : 384.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.298+/-2.450 χ^2/NDF : 953.4/7

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.146+/-2.670 χ^2/NDF : 66.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.611+/-3.286 χ^2/NDF : 42.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

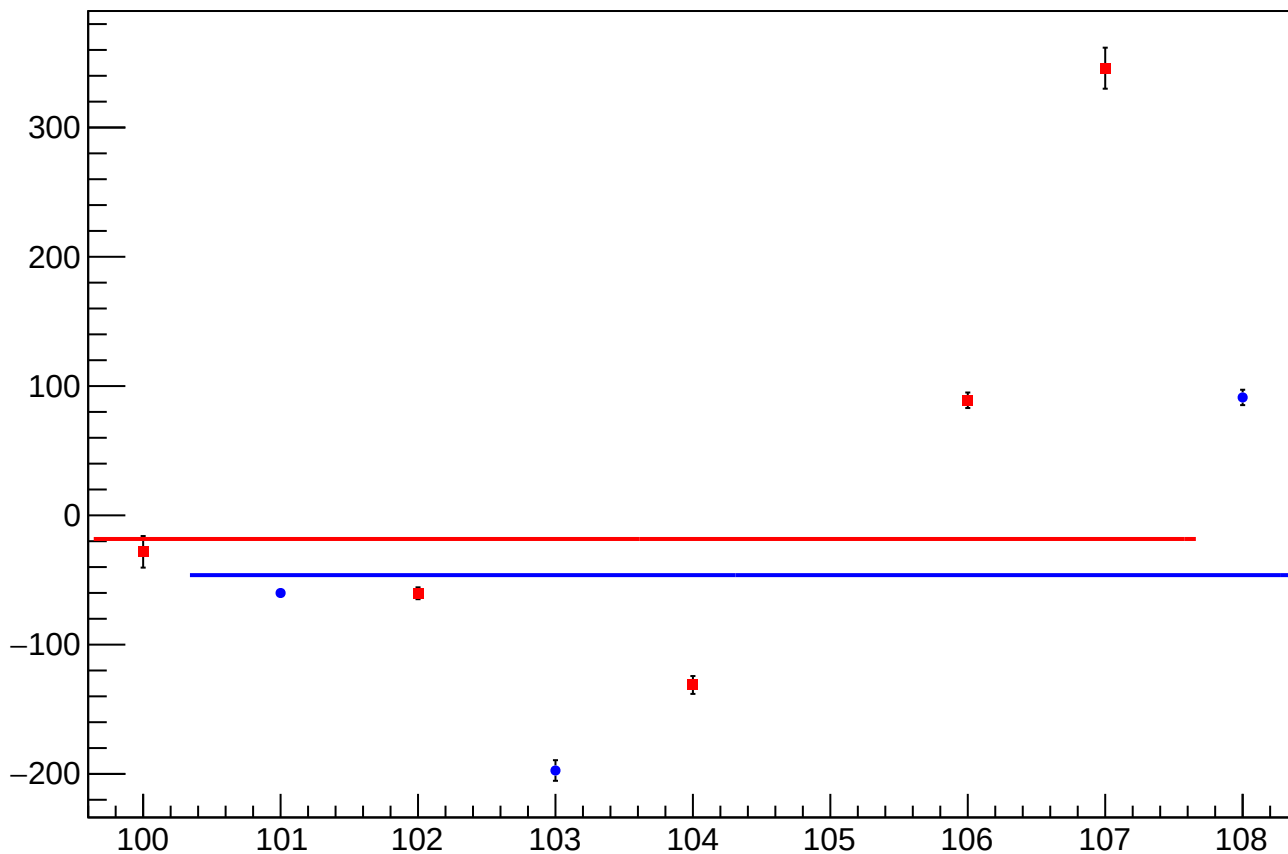
Right: -9.114+/-2.072 χ^2/NDF : 112.4/7

In: -6.146+/-2.670 χ^2/NDF : 66.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.114+/-2.072 χ^2/NDF : 112.4/7

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -46.238+/-2.553 χ^2/NDF : 914.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.273+/-3.059 χ^2/NDF : 1197.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

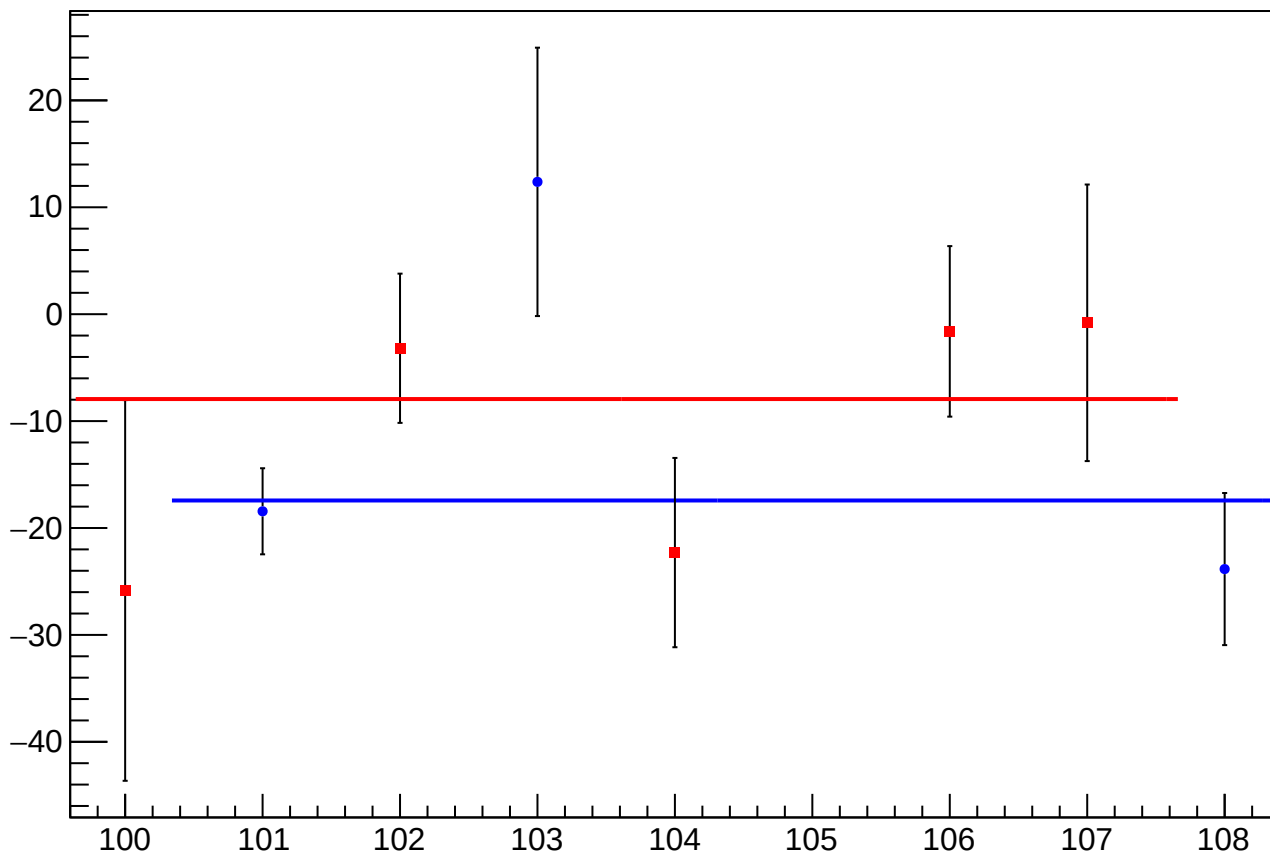
Right: -34.755+/-1.960 χ^2/NDF : 2161.5/7

In: -46.238+/-2.553 χ^2/NDF : 914.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.755+/-1.960 χ^2/NDF : 2161.5/7

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -17.426 $\pm$ 3.375 χ^2 /NDF: 6.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -7.938 $\pm$ 4.147 χ^2 /NDF: 5.0/4

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

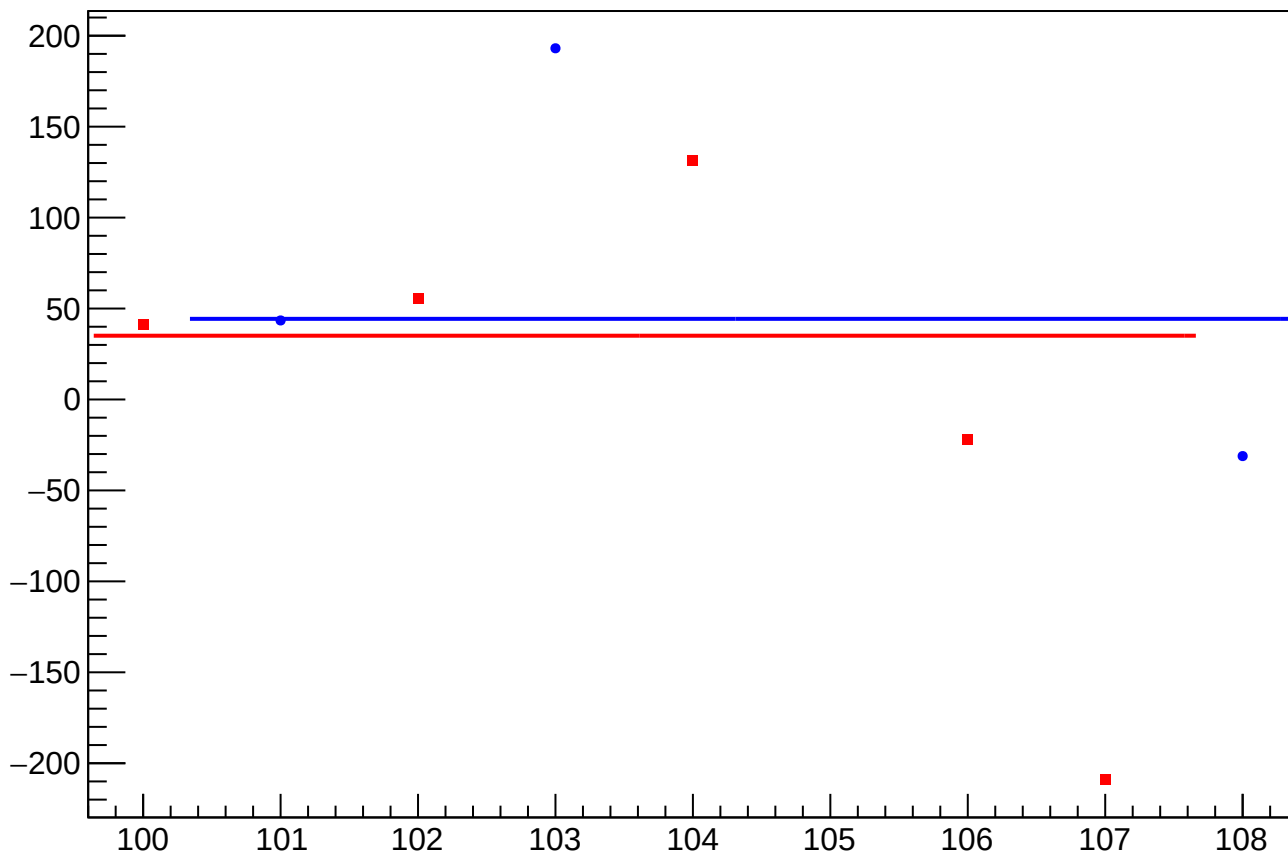
Right: -13.646 $\pm$ 2.618 χ^2 /NDF: 14.7/7

In: -17.426 $\pm$ 3.375 χ^2 /NDF:6.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -13.646 $\pm$ 2.618 χ^2 /NDF: 14.7/7

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 44.334+/-0.133 χ^2/NDF : 293278.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.060+/-0.141 χ^2/NDF : 278030.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

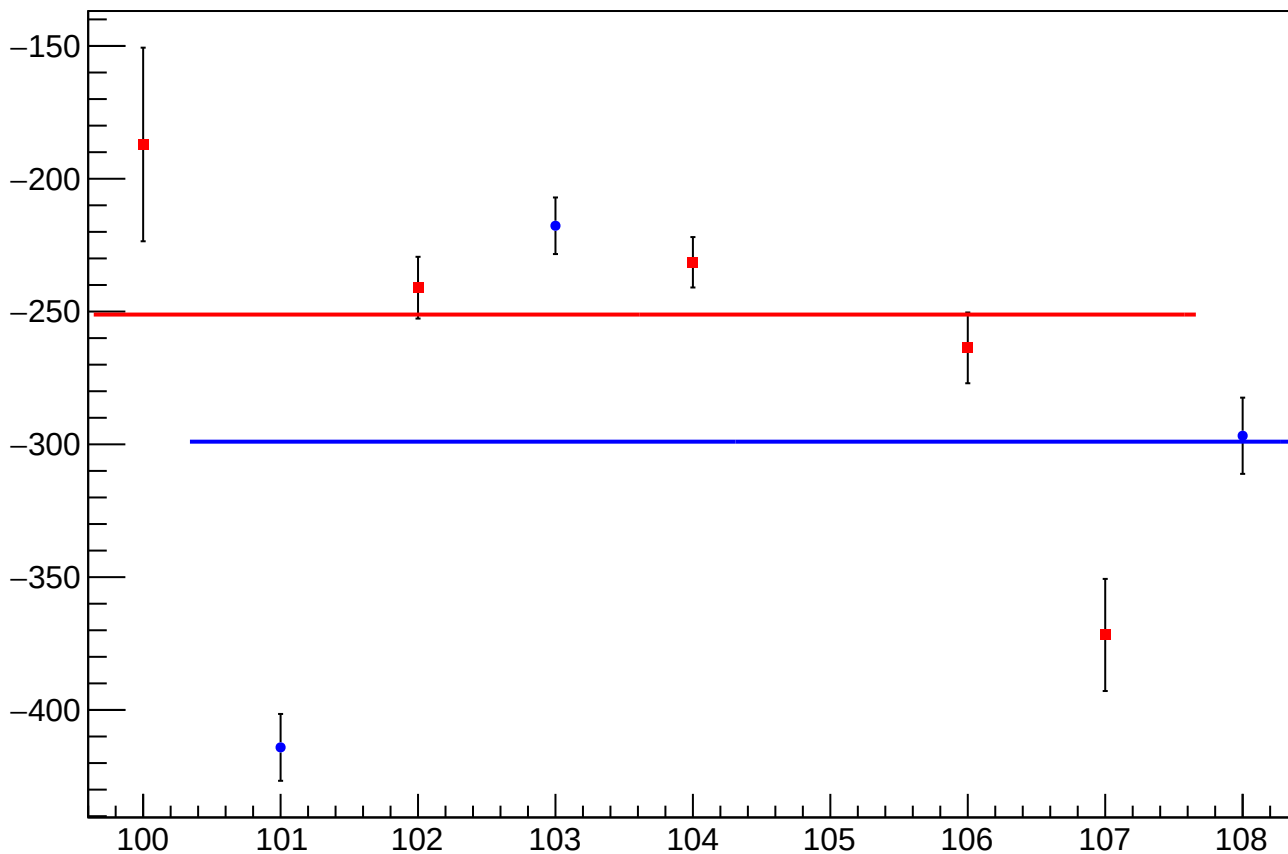
Right: 39.971+/-0.097 χ^2/NDF : 573610.1/7

In: 44.334+/-0.133 χ^2/NDF : 293278.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.971+/-0.097 χ^2/NDF : 573610.1/7

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -298.991+/-7.074 χ^2/NDF : 141.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -251.134+/-6.072 χ^2/NDF : 41.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

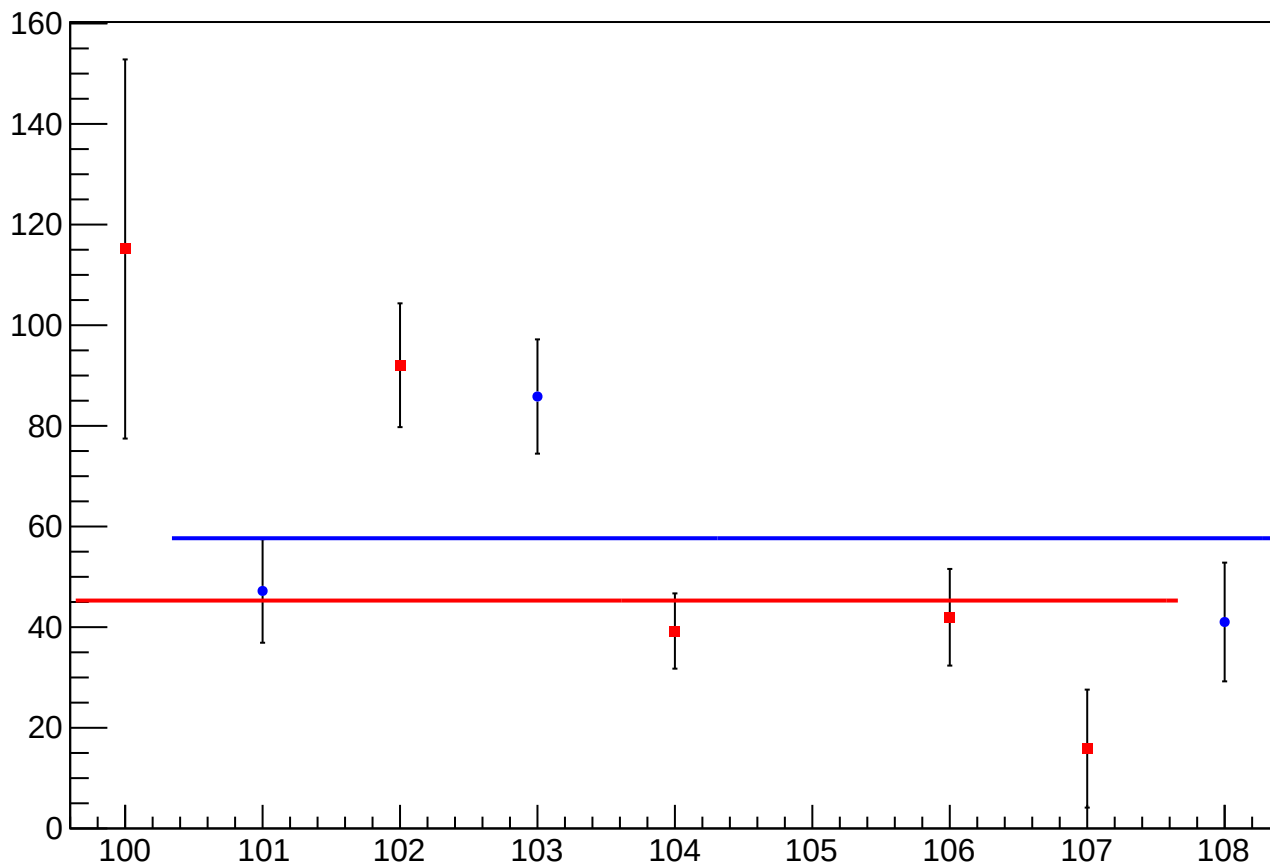
Right: -271.435+/-4.607 χ^2/NDF : 210.0/7

In: -298.991+/-7.074 χ^2/NDF : 141.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -271.435+/-4.607 χ^2/NDF : 210.0/7

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 57.671+/-6.405 χ^2/NDF : 9.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.286+/-4.805 χ^2/NDF : 25.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

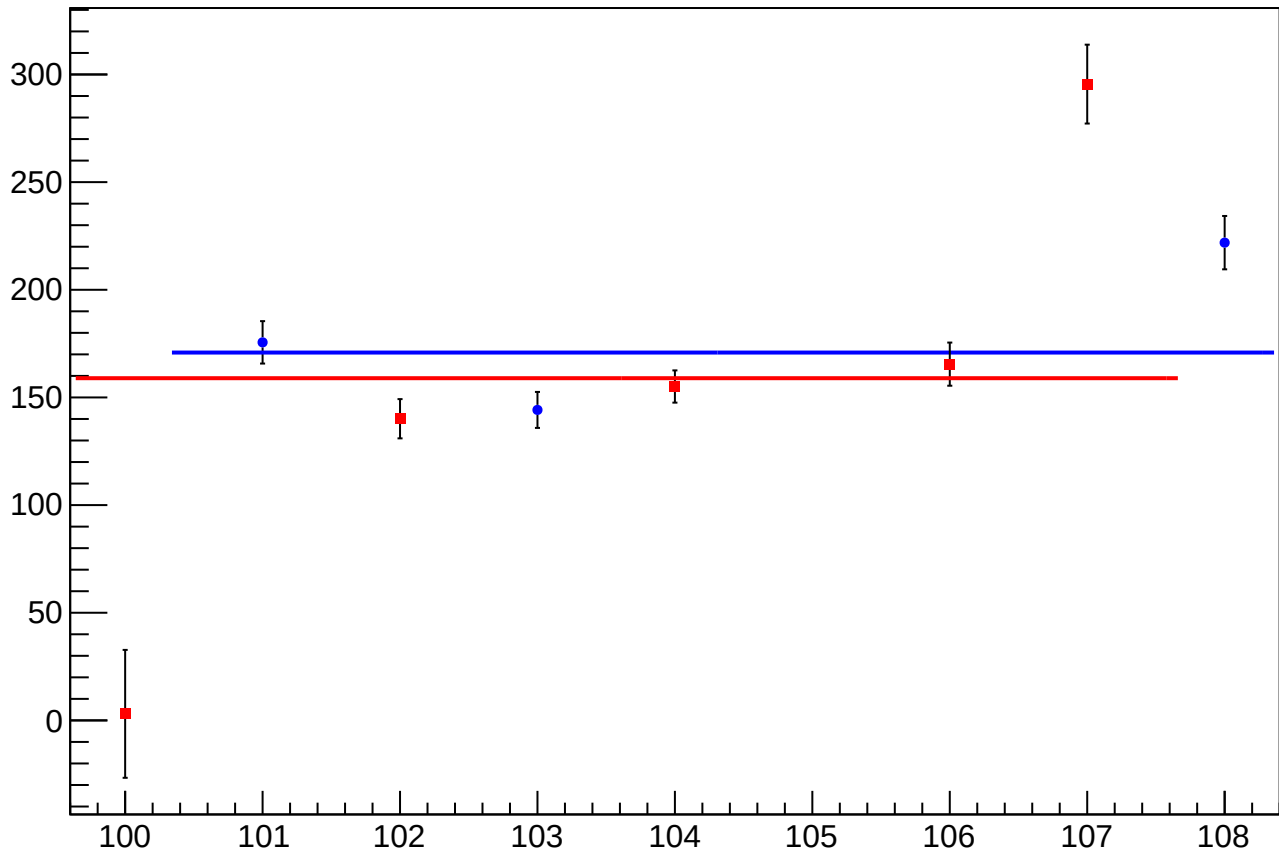
Right: 49.747+/-3.844 χ^2/NDF : 36.5/7

In: 57.671+/-6.405 χ^2/NDF : 9.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.747+/-3.844 χ^2/NDF : 36.5/7

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 170.849+/-5.667 χ^2/NDF : 27.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.938+/-4.770 χ^2/NDF : 88.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

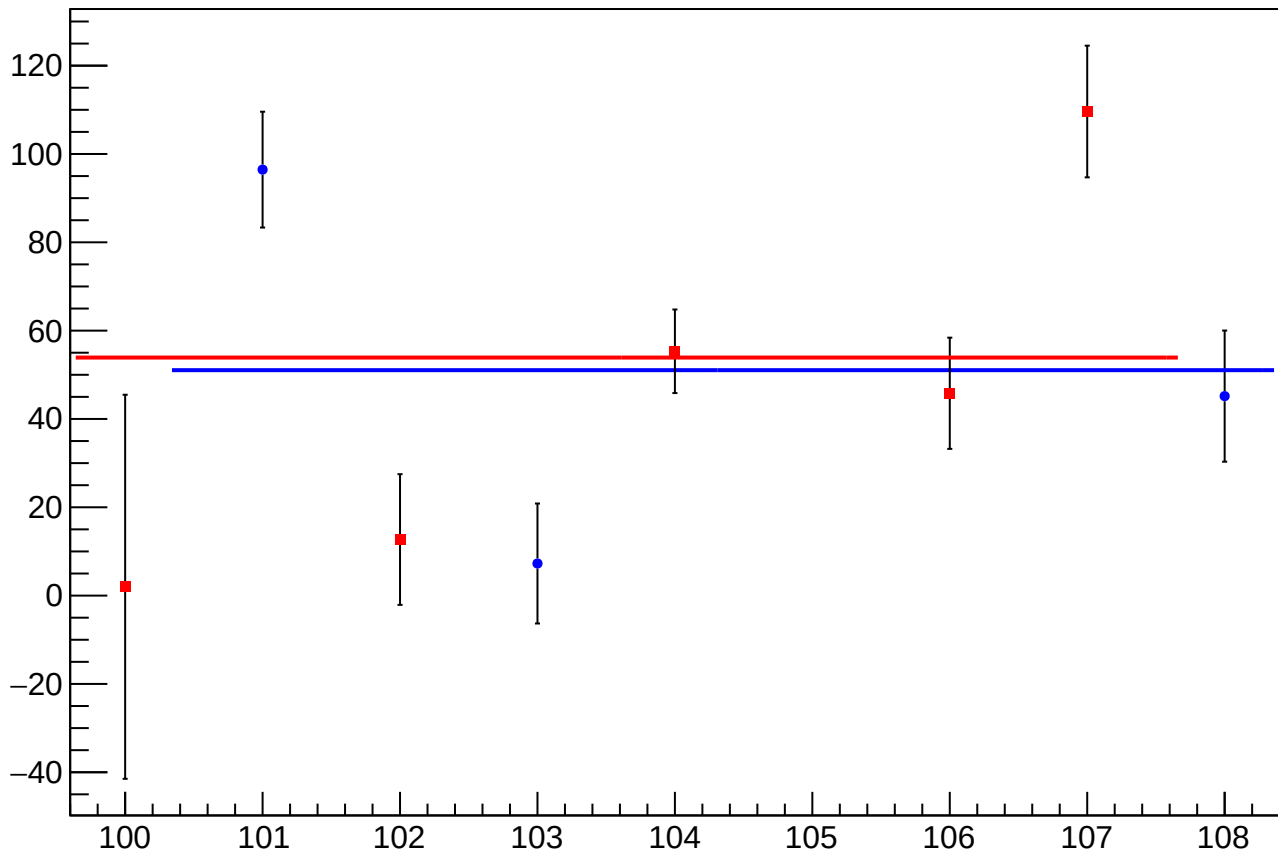
Right: 163.877+/-3.650 χ^2/NDF : 118.1/7

In: 170.849+/-5.667 χ^2/NDF : 27.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.877+/-3.650 χ^2/NDF : 118.1/7

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 51.047+/-7.964 χ^2/NDF : 22.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.904+/-6.077 χ^2/NDF : 23.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

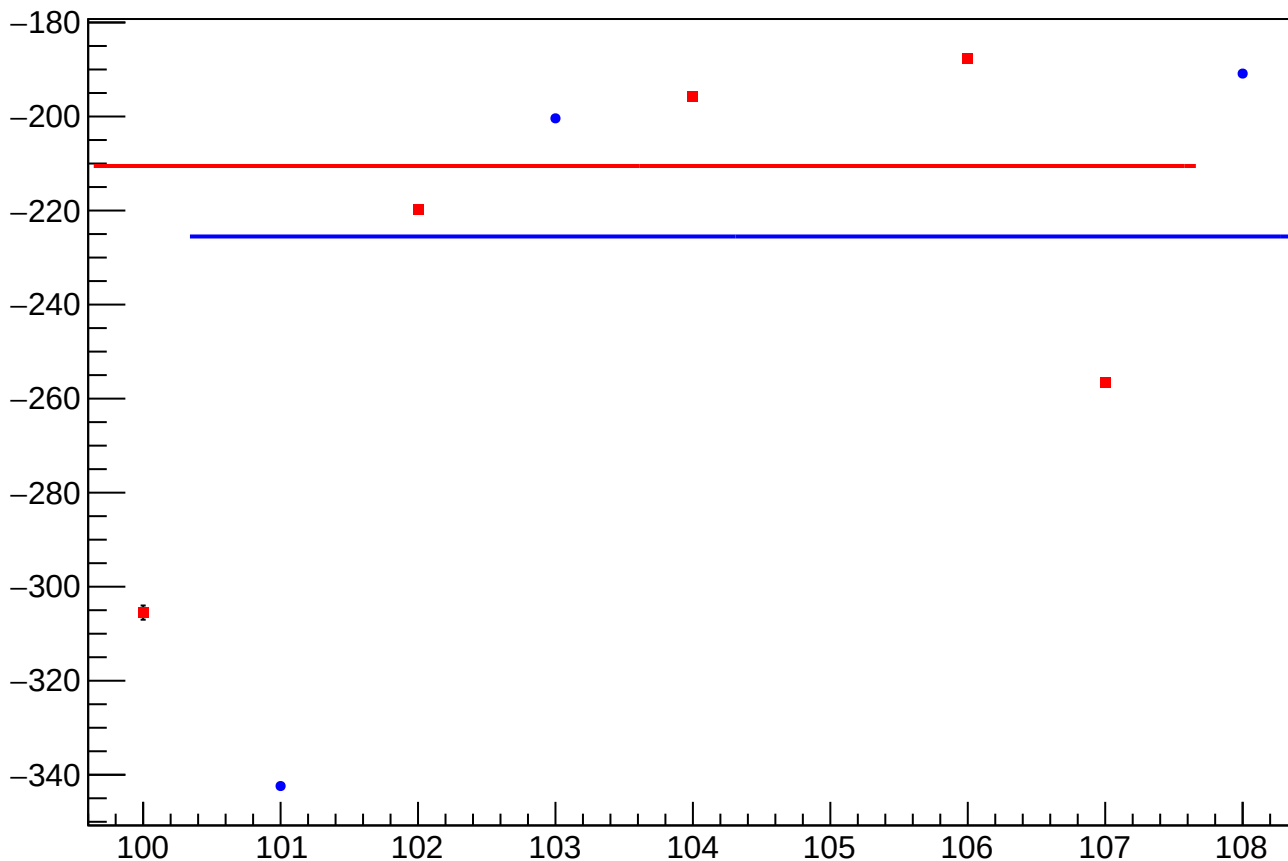
Right: 52.853+/-4.831 χ^2/NDF : 46.2/7

In: 51.047+/-7.964 χ^2/NDF : 22.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.853+/-4.831 χ^2/NDF : 46.2/7

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -225.516+/-0.259 χ^2/NDF : 49224.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -210.524+/-0.226 χ^2/NDF : 11696.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

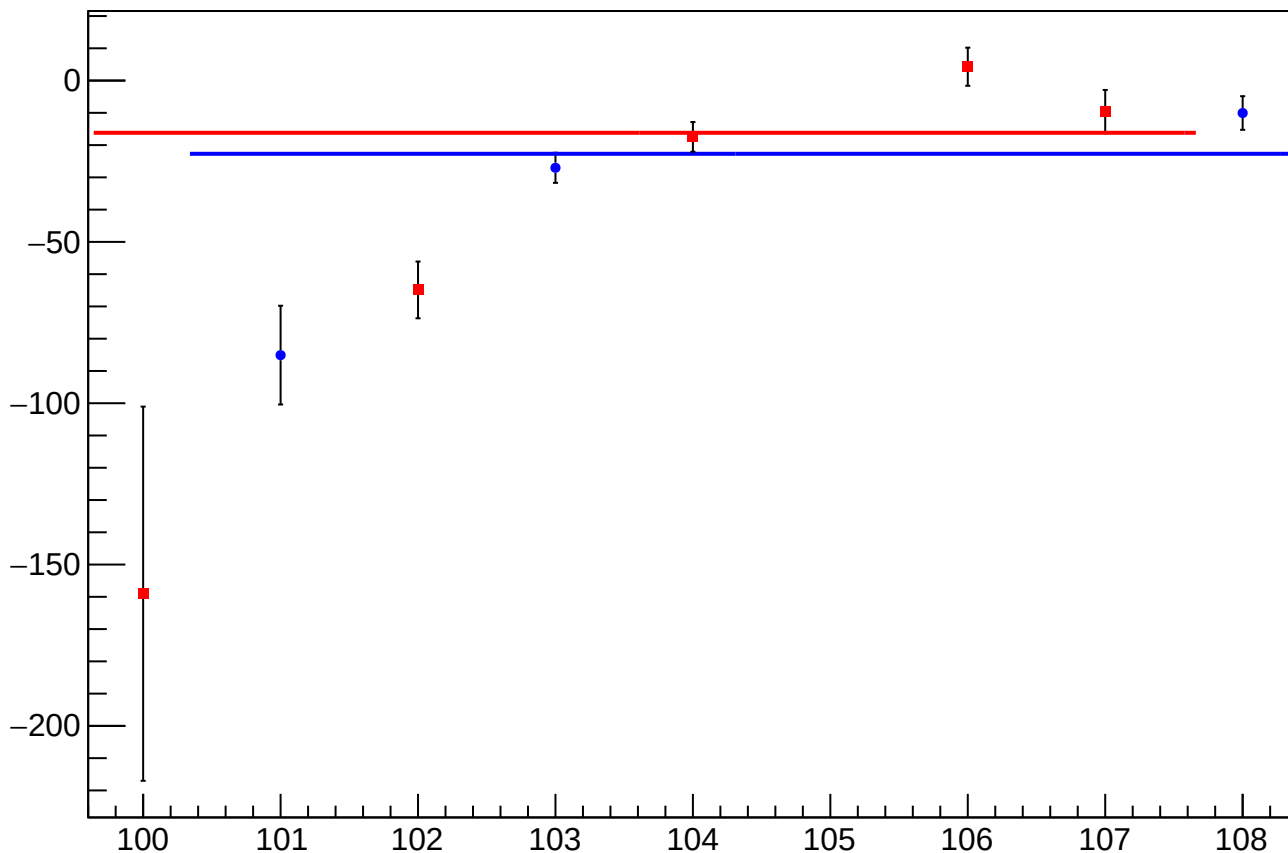
Right: -216.999+/-0.170 χ^2/NDF : 62818.7/7

In: -225.516+/-0.259 χ^2/NDF : 49224.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -216.999+/-0.170 χ^2/NDF : 62818.7/7

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -22.696+/-3.389 χ^2/NDF : 23.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.184+/-2.996 χ^2/NDF : 49.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

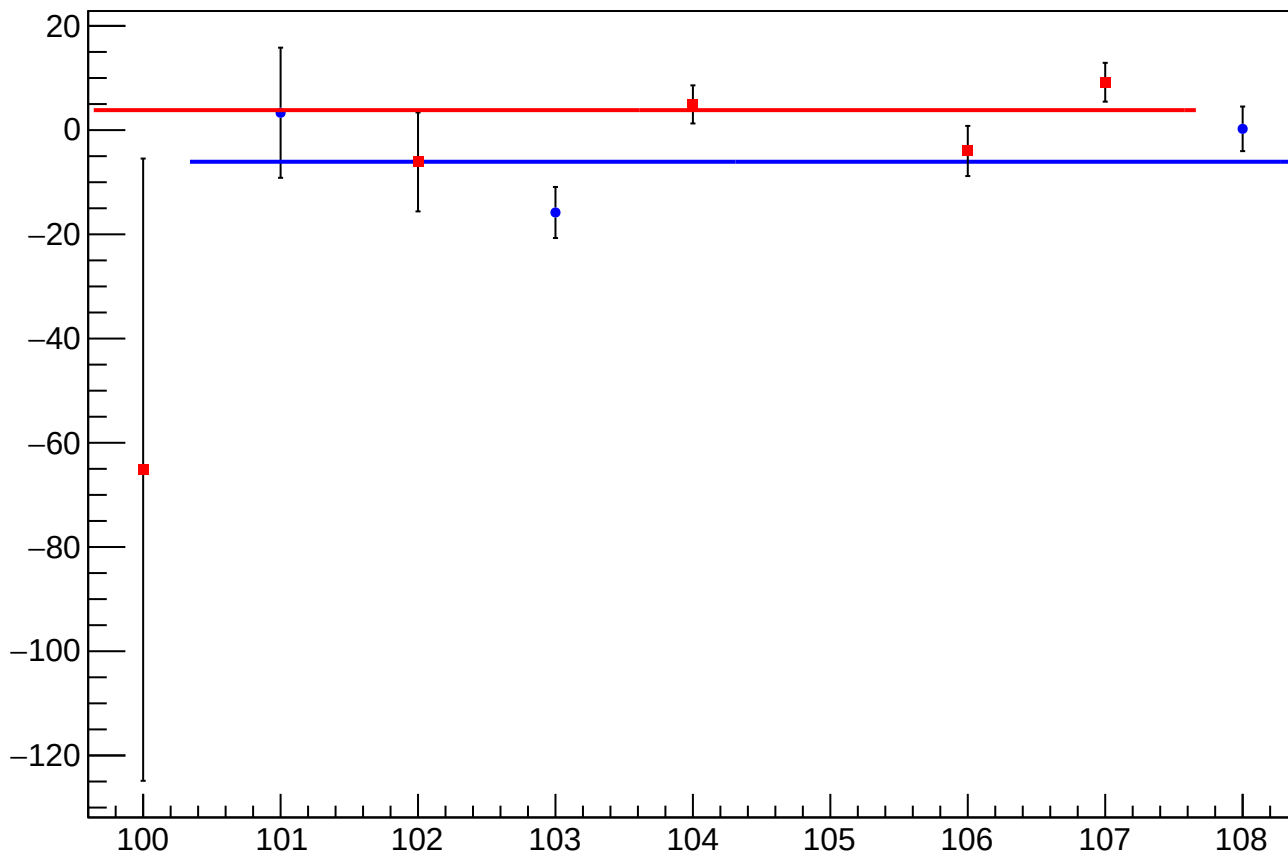
Right: -19.040+/-2.245 χ^2/NDF : 75.2/7

In: -22.696+/-3.389 χ^2/NDF : 23.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.040+/-2.245 χ^2/NDF : 75.2/7

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.071+/-3.120 χ^2/NDF : 6.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.833+/-2.228 χ^2/NDF : 7.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

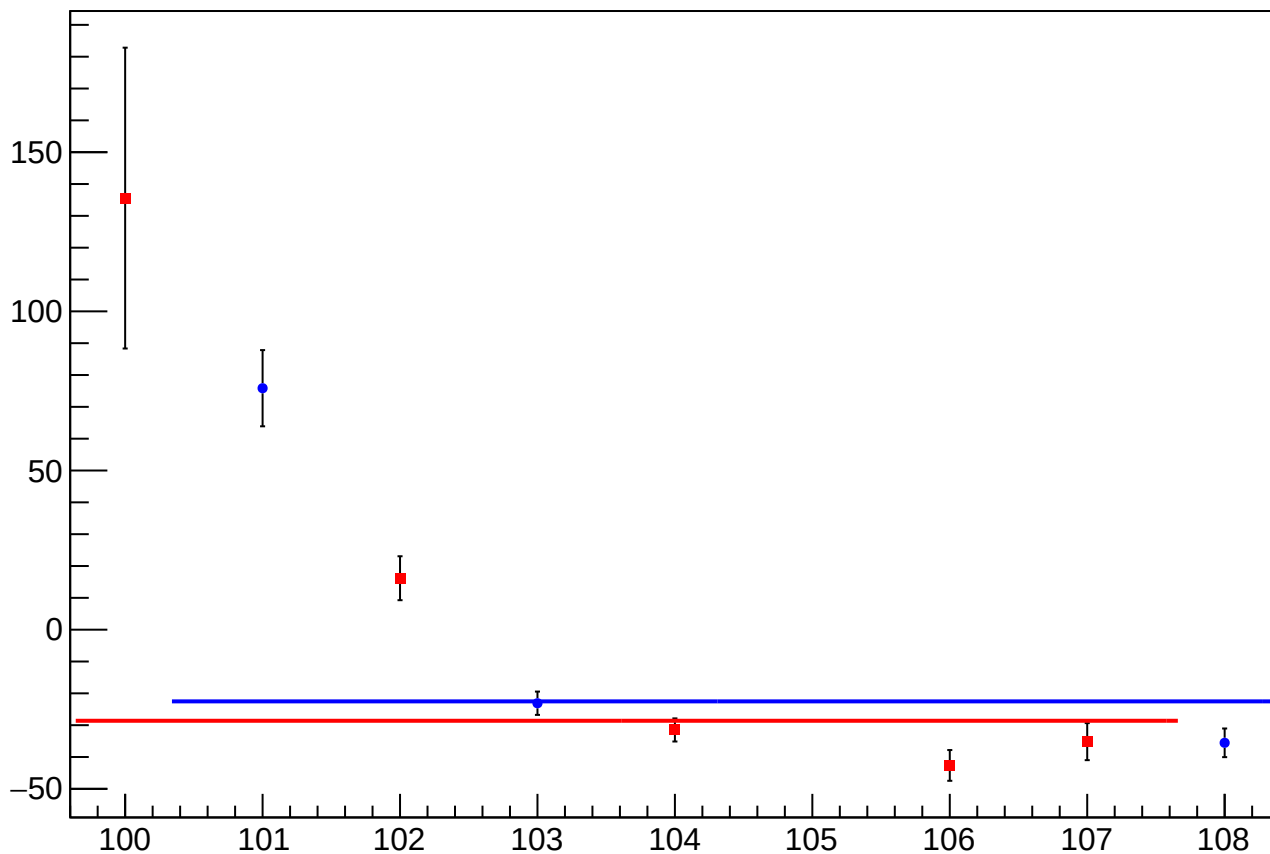
Right: 0.489+/-1.813 χ^2/NDF : 20.6/7

In: -6.071+/-3.120 χ^2/NDF : 6.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.489+/-1.813 χ^2/NDF : 20.6/7

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -22.523 ± 2.764 $\chi^2/\text{NDF}: 75.9/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -28.616 ± 2.427 $\chi^2/\text{NDF}: 64.5/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

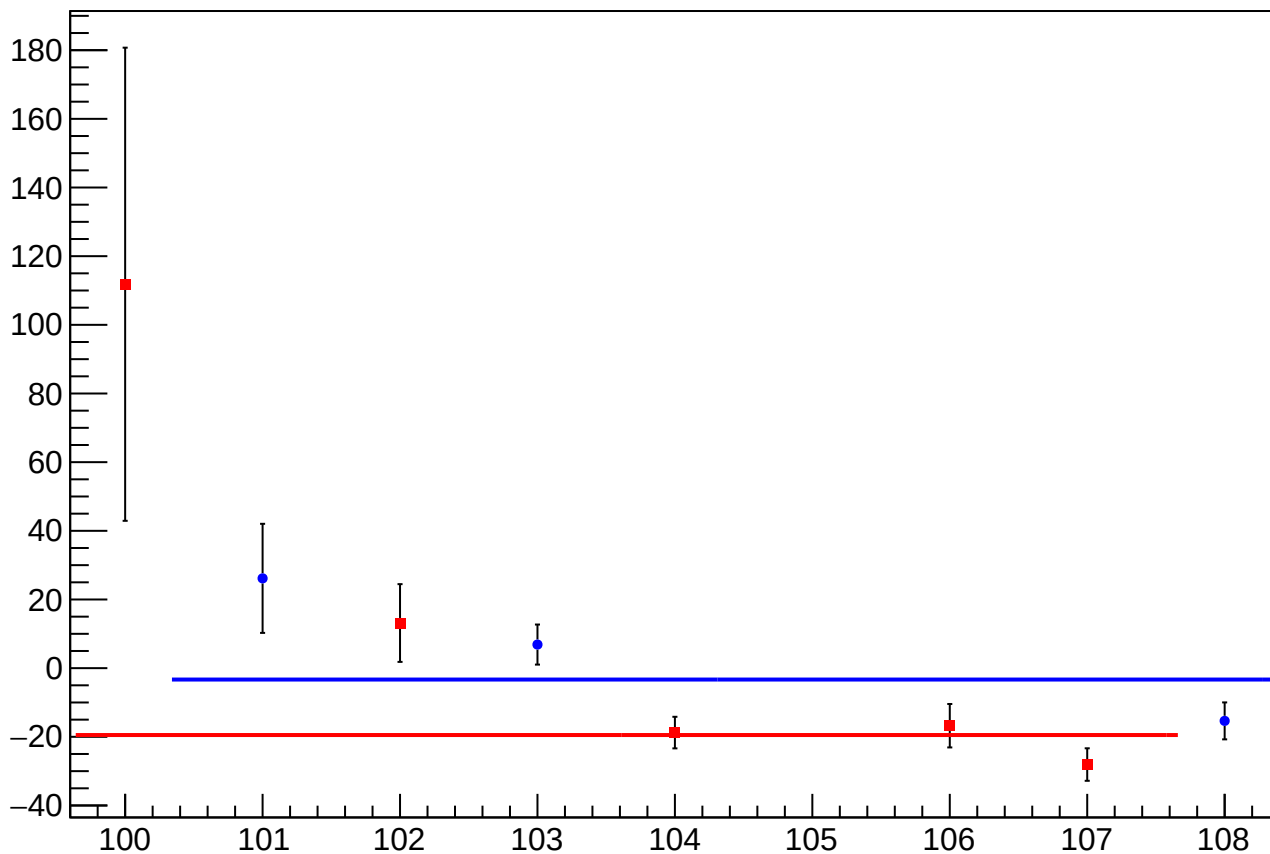
Right: -25.963 ± 1.824 $\chi^2/\text{NDF}: 143.2/7$

In: -22.523 ± 2.764 $\chi^2/\text{NDF}: 75.9/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -25.963 ± 1.824 $\chi^2/\text{NDF}: 143.2/7$

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -3.318+/-3.838 χ^2/NDF : 11.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -19.481+/-2.830 χ^2/NDF : 15.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

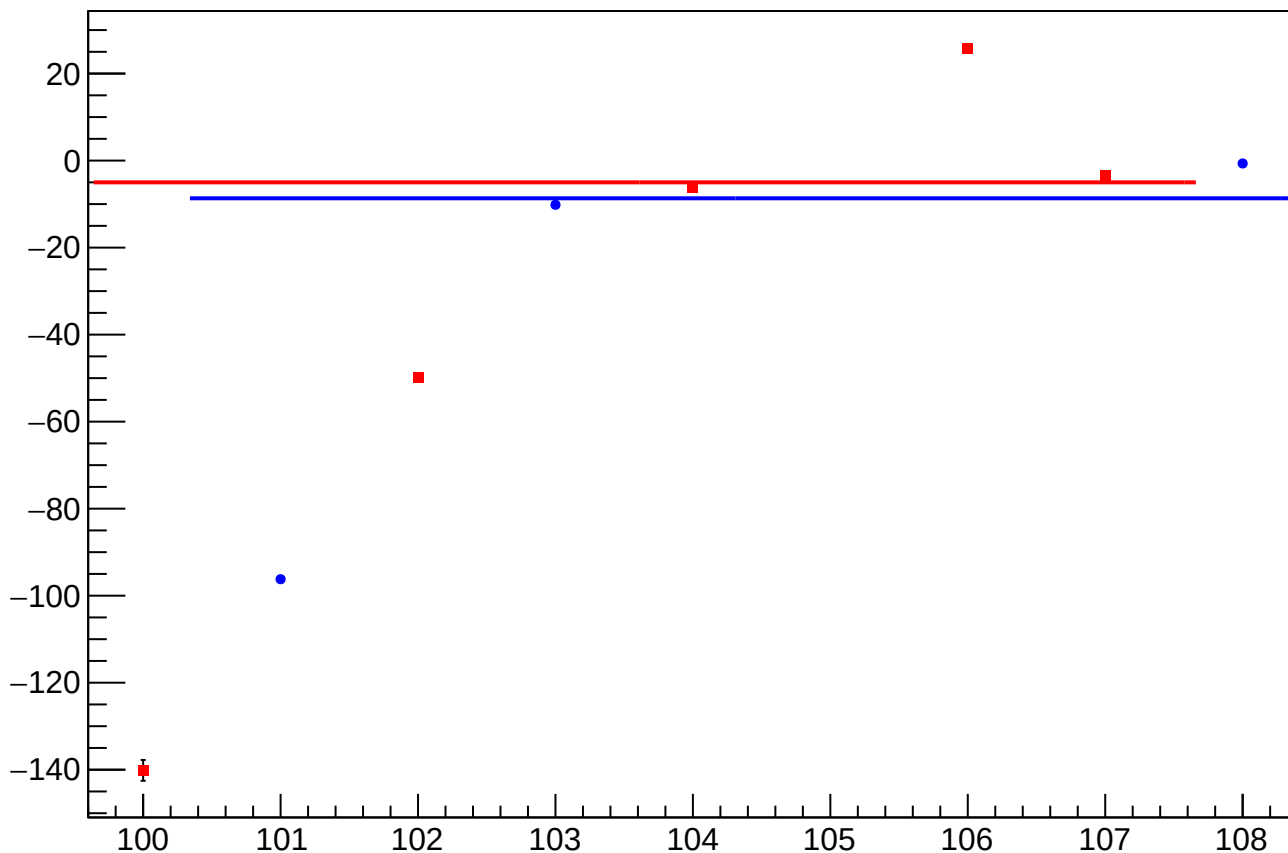
Right: -13.790+/-2.278 χ^2/NDF : 38.4/7

In: -3.318+/-3.838 χ^2/NDF : 11.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.790+/-2.278 χ^2/NDF : 38.4/7

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.665 $\pm$ 0.116 χ^2 /NDF: 17277.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -5.003 $\pm$ 0.111 χ^2 /NDF: 44135.5/4

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

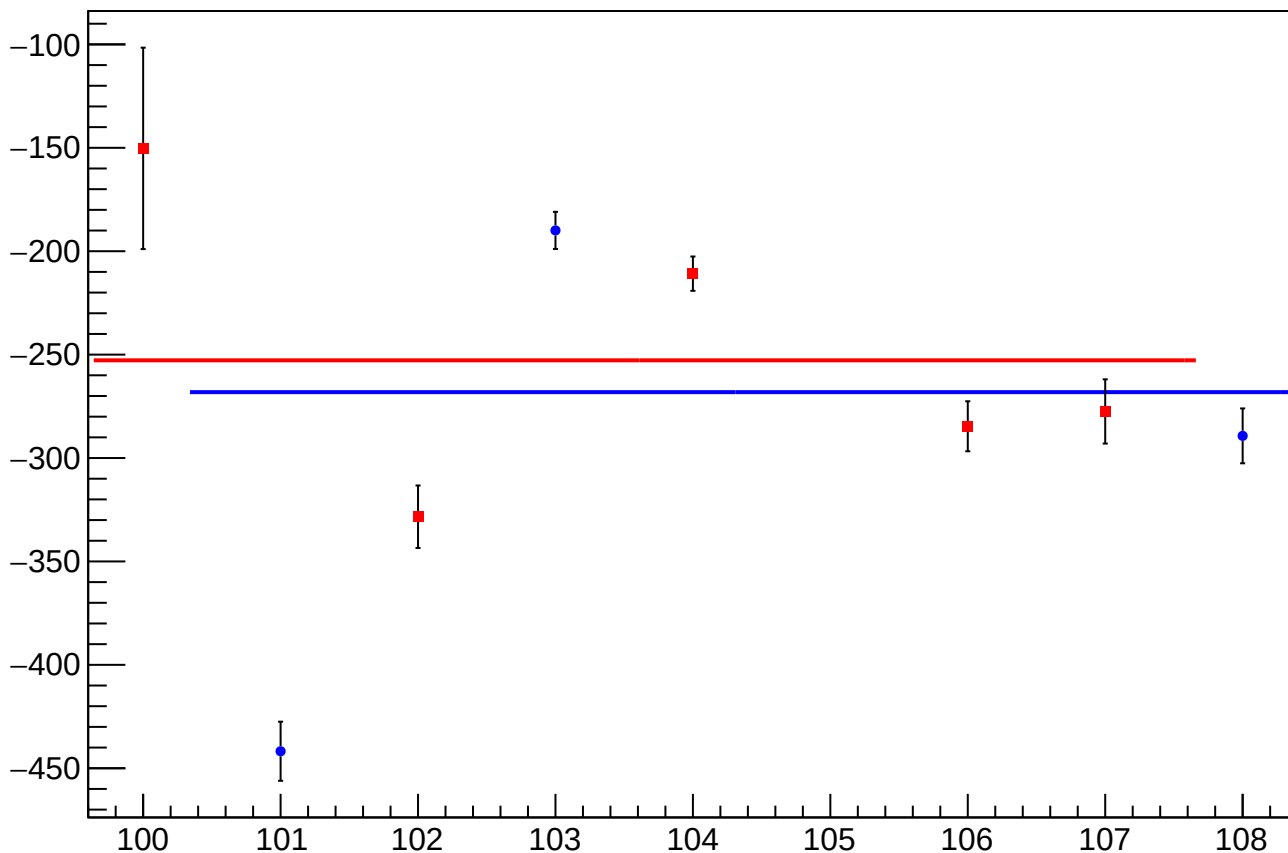
Right: -6.751 $\pm$ 0.080 χ^2 /NDF: 61936.7/7

In: -8.665 $\pm$ 0.116 χ^2 /NDF: 17277.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -6.751 $\pm$ 0.080 χ^2 /NDF: 61936.7/7

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -268.139+/-6.595 χ^2/NDF : 226.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -252.759+/-5.743 χ^2/NDF : 64.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

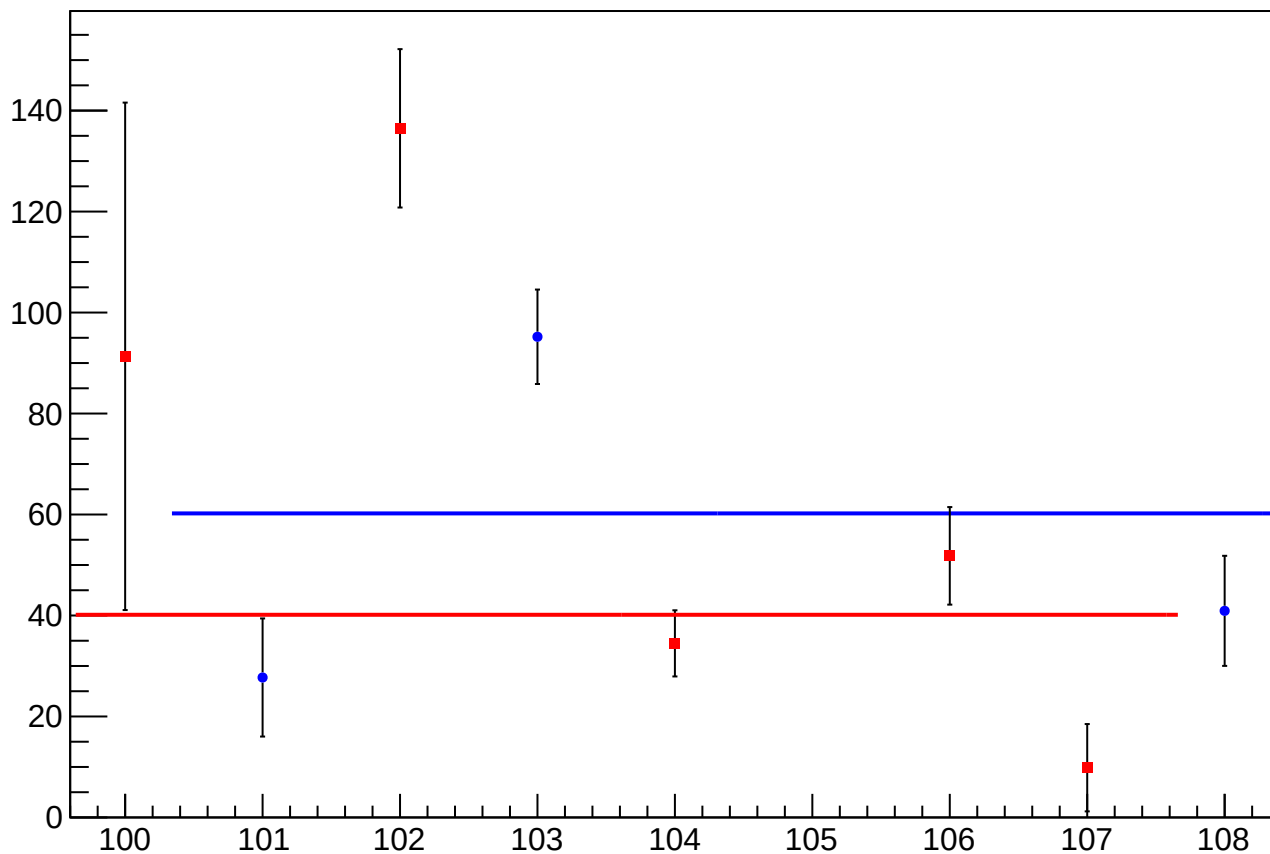
Right: -259.392+/-4.331 χ^2/NDF : 293.6/7

In: -268.139+/-6.595 χ^2/NDF : 226.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -259.392+/-4.331 χ^2/NDF : 293.6/7

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.219+/-6.068 χ^2/NDF : 24.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.140+/-4.392 χ^2/NDF : 53.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

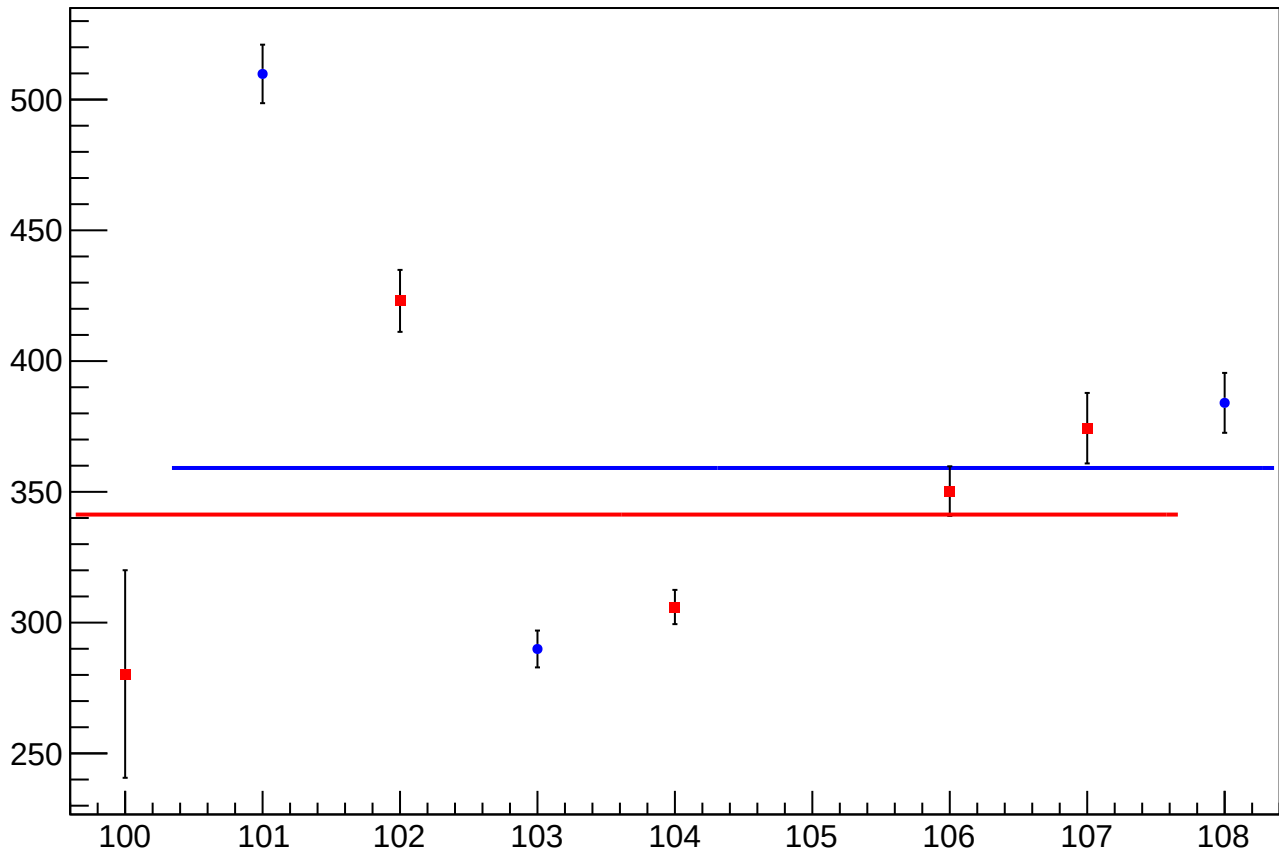
Right: 47.042+/-3.558 χ^2/NDF : 85.3/7

In: 60.219+/-6.068 χ^2/NDF : 24.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.042+/-3.558 χ^2/NDF : 85.3/7

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 359.127+/-5.288 χ^2/NDF : 282.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 341.313+/-4.576 χ^2/NDF : 86.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

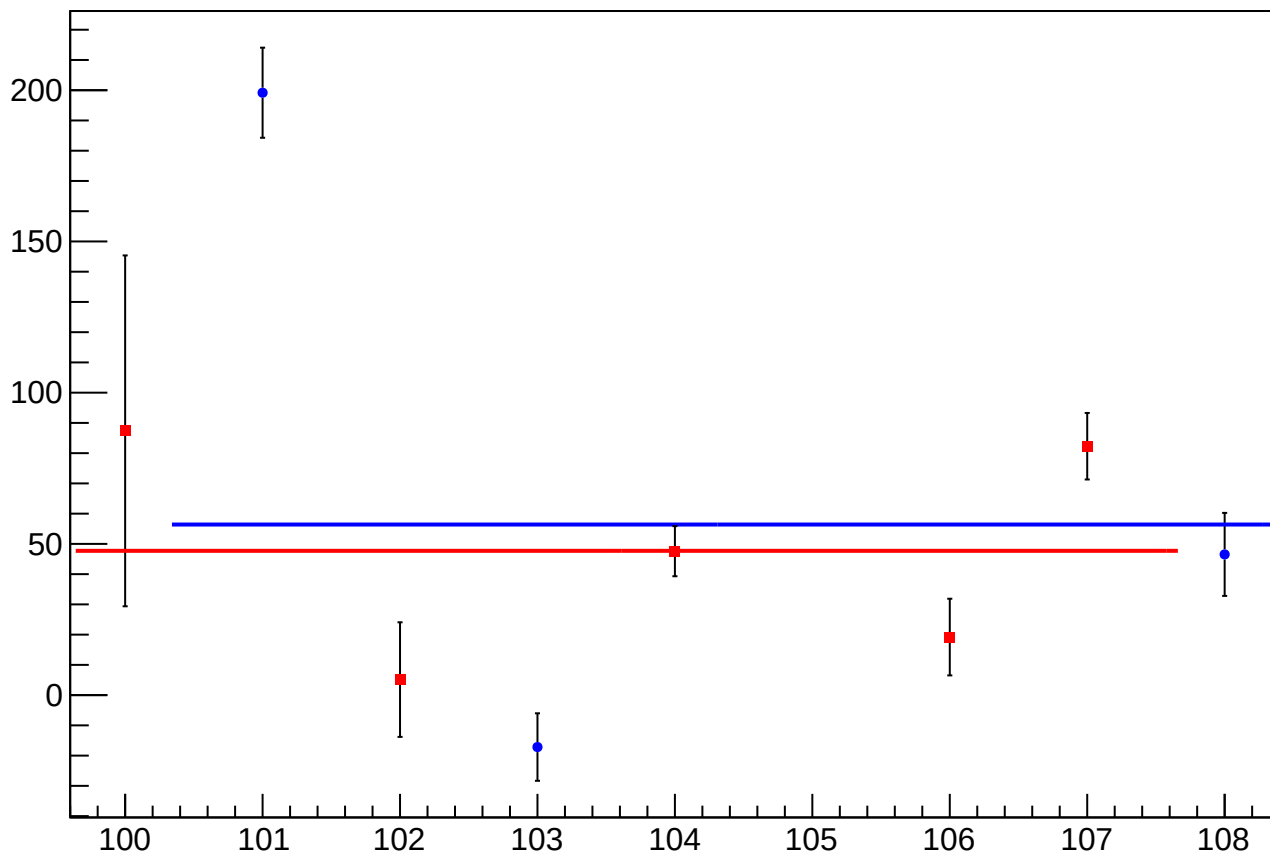
Right: 348.942+/-3.460 χ^2/NDF : 375.2/7

In: 359.127+/-5.288 χ^2/NDF : 282.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 348.942+/-3.460 χ^2/NDF : 375.2/7

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 56.403+/-7.485 χ^2/NDF : 135.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.710+/-5.578 χ^2/NDF : 20.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

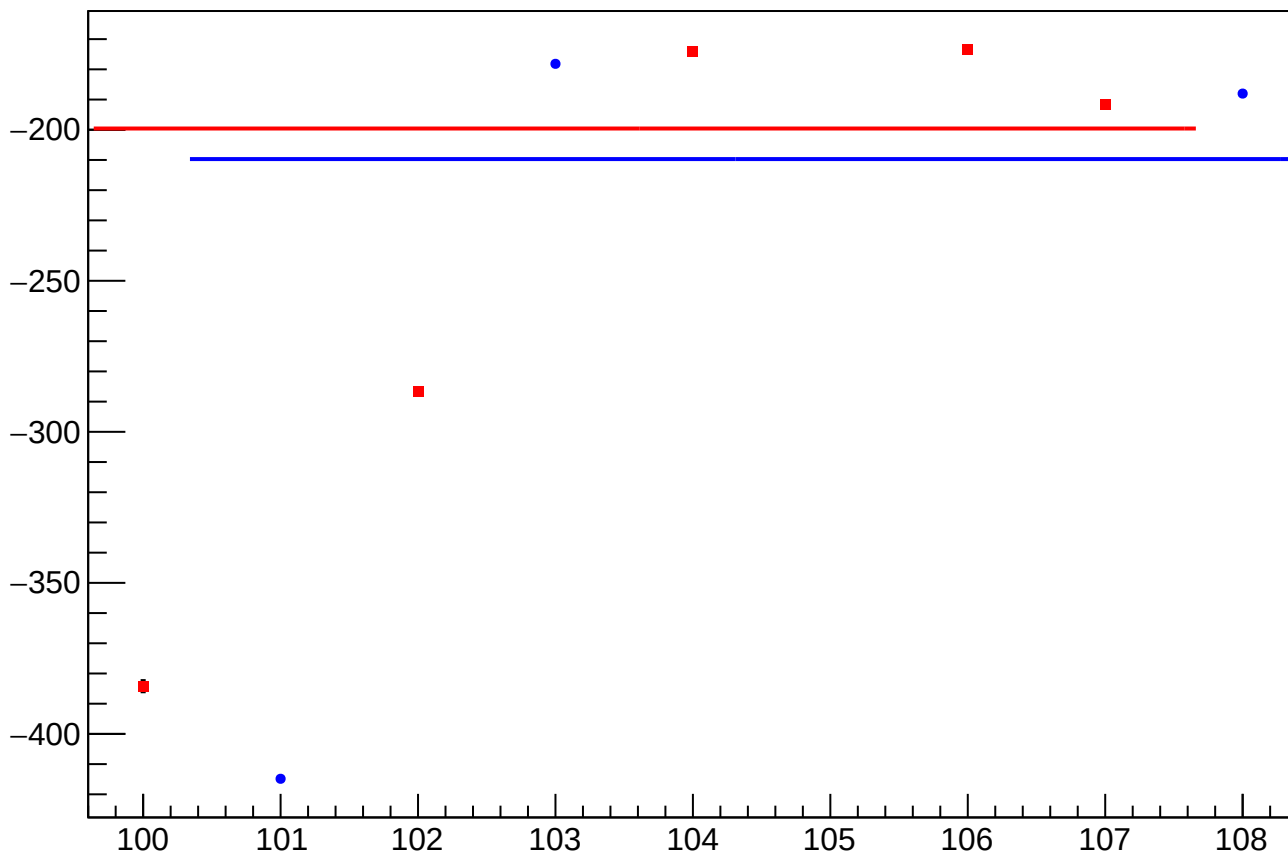
Right: 50.813+/-4.473 χ^2/NDF : 157.2/7

In: 56.403+/-7.485 χ^2/NDF : 135.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.813+/-4.473 χ^2/NDF : 157.2/7

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -209.706+/-0.234 χ^2/NDF : 108065.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -199.589+/-0.218 χ^2/NDF : 46622.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

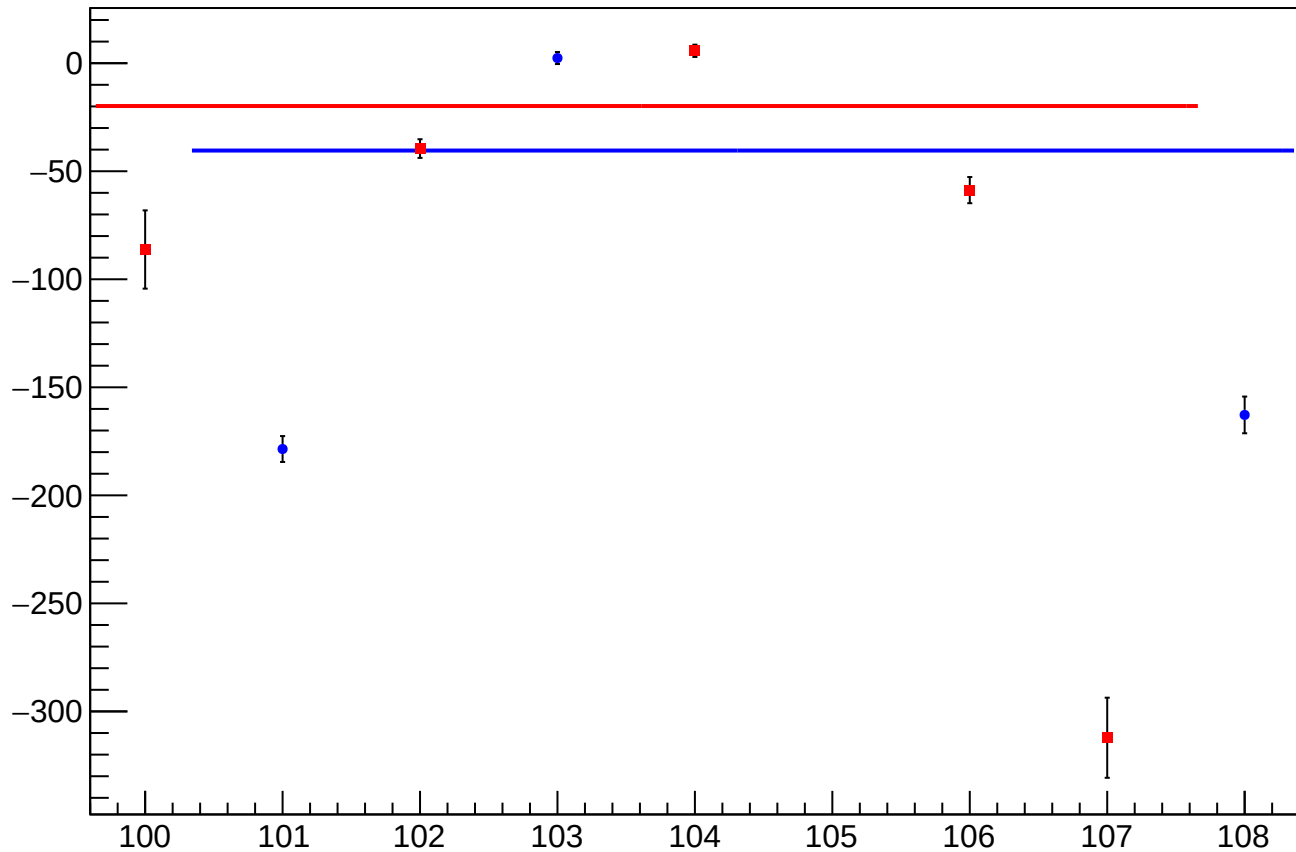
Right: -204.290+/-0.159 χ^2/NDF : 155689.7/7

In: -209.706+/-0.234 χ^2/NDF : 108065.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -204.290+/-0.159 χ^2/NDF : 155689.7/7

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -40.425 ± 2.417 $\chi^2/\text{NDF}: 976.1/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -19.820 ± 2.178 $\chi^2/\text{NDF}: 405.3/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

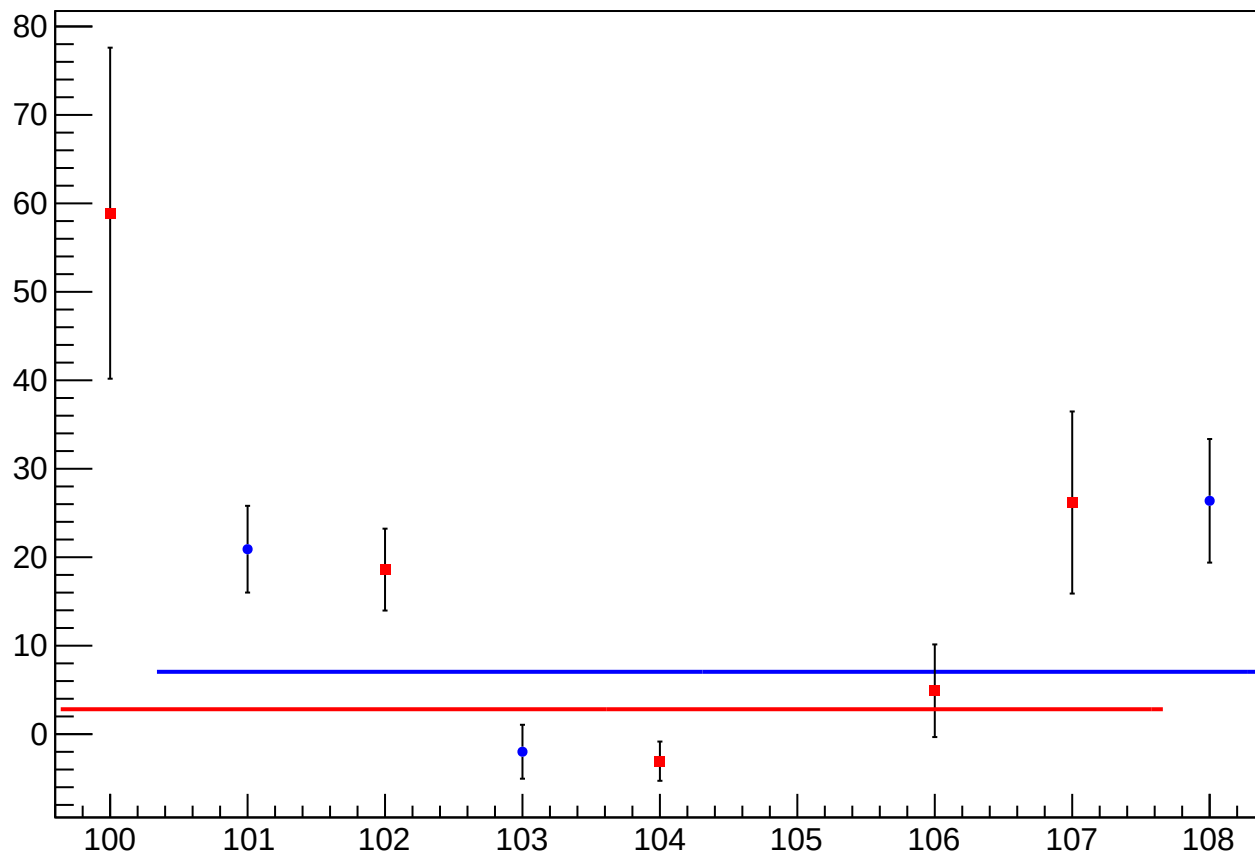
Right: -29.053 ± 1.618 $\chi^2/\text{NDF}: 1421.4/7$

In: -40.425 ± 2.417 $\chi^2/\text{NDF}: 976.1/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -29.053 ± 1.618 $\chi^2/\text{NDF}: 1421.4/7$

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.047+/-2.427 χ^2/NDF : 24.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.816+/-1.829 χ^2/NDF : 32.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

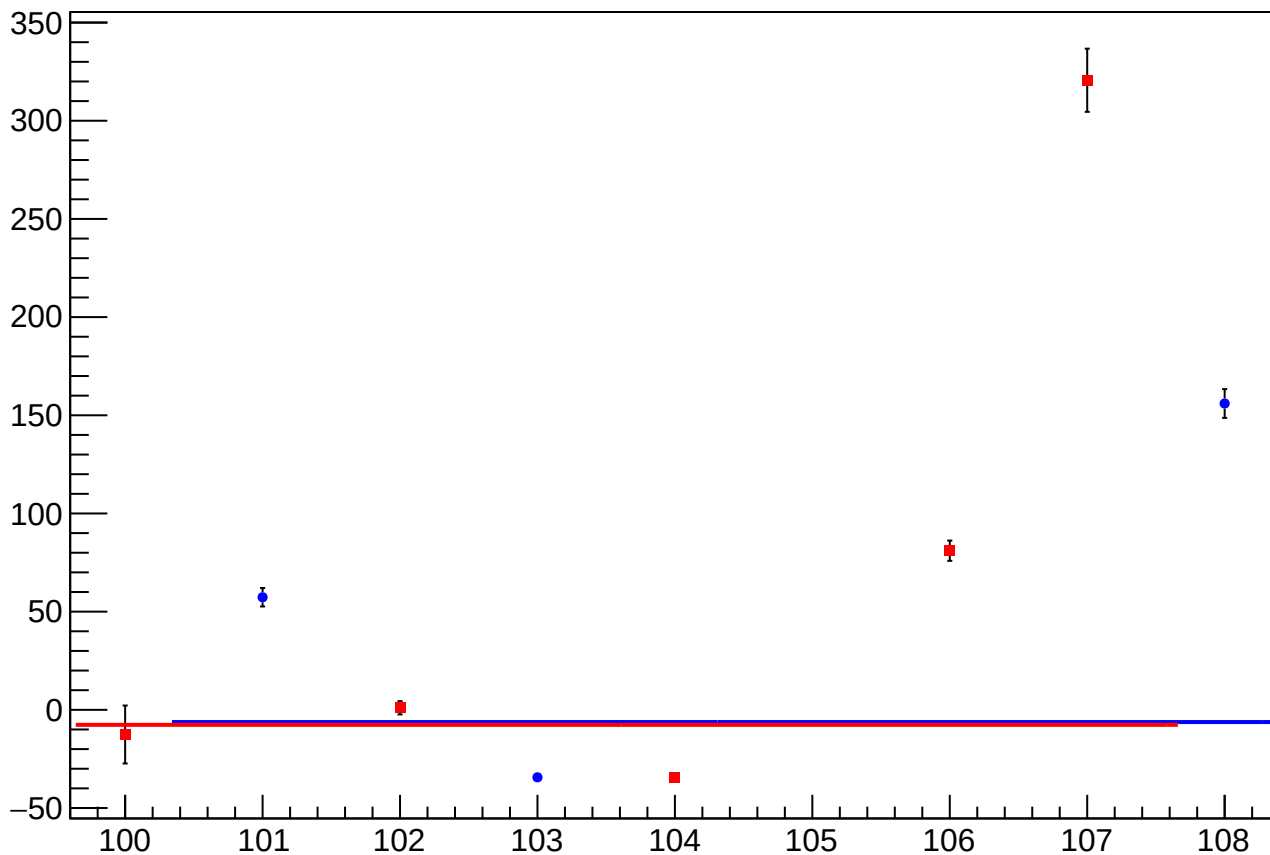
Right: 4.349+/-1.461 χ^2/NDF : 59.3/7

In: 7.047+/-2.427 χ^2/NDF : 24.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.349+/-1.461 χ^2/NDF : 59.3/7

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -6.225+/-1.911 χ^2/NDF : 838.5/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -7.651+/-1.735 χ^2/NDF : 861.2/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

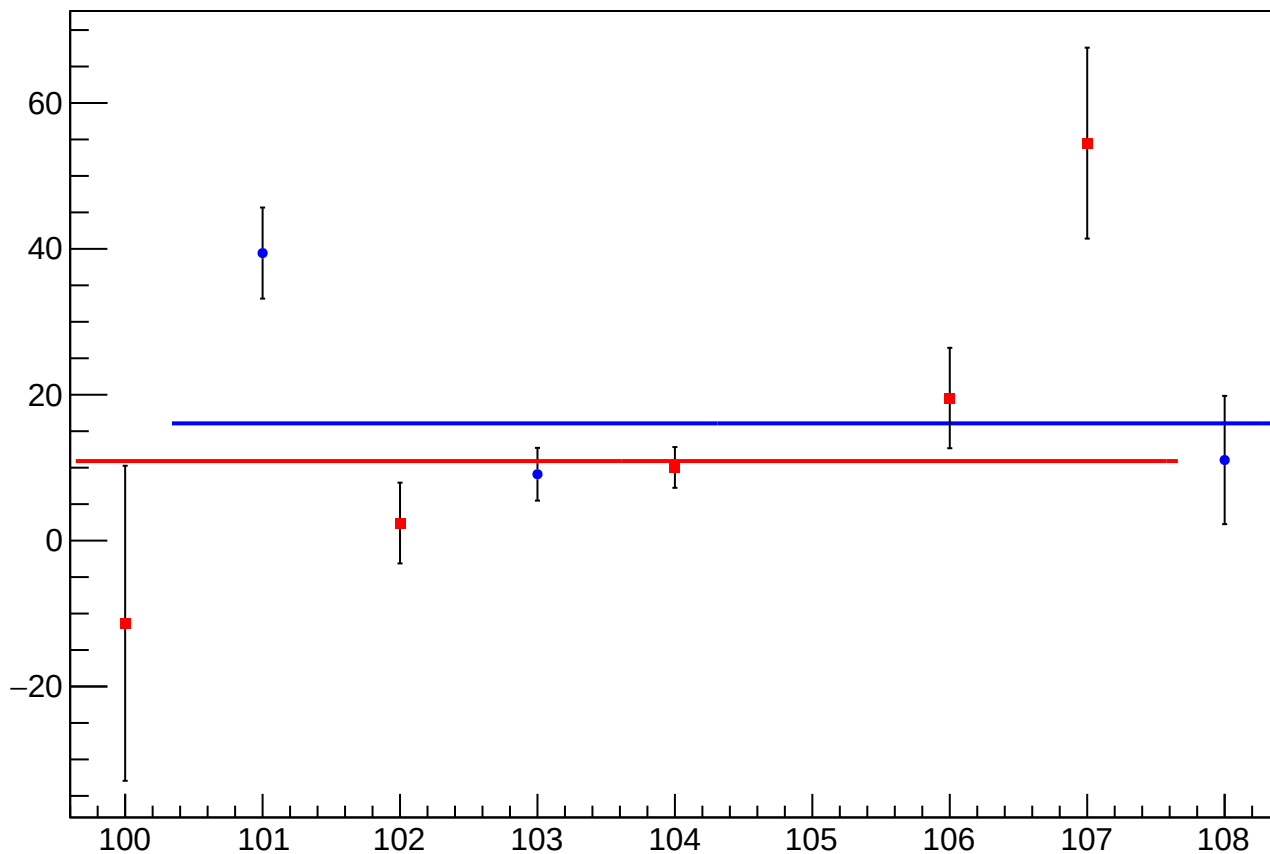
Right: -7.007+/-1.284 χ^2/NDF : 1700.1/7

In: -6.225+/-1.911 χ^2/NDF :838.5/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -7.007+/-1.284 χ^2/NDF : 1700.1/7

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.075+/-2.948 χ^2/NDF : 18.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.907+/-2.296 χ^2/NDF : 16.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

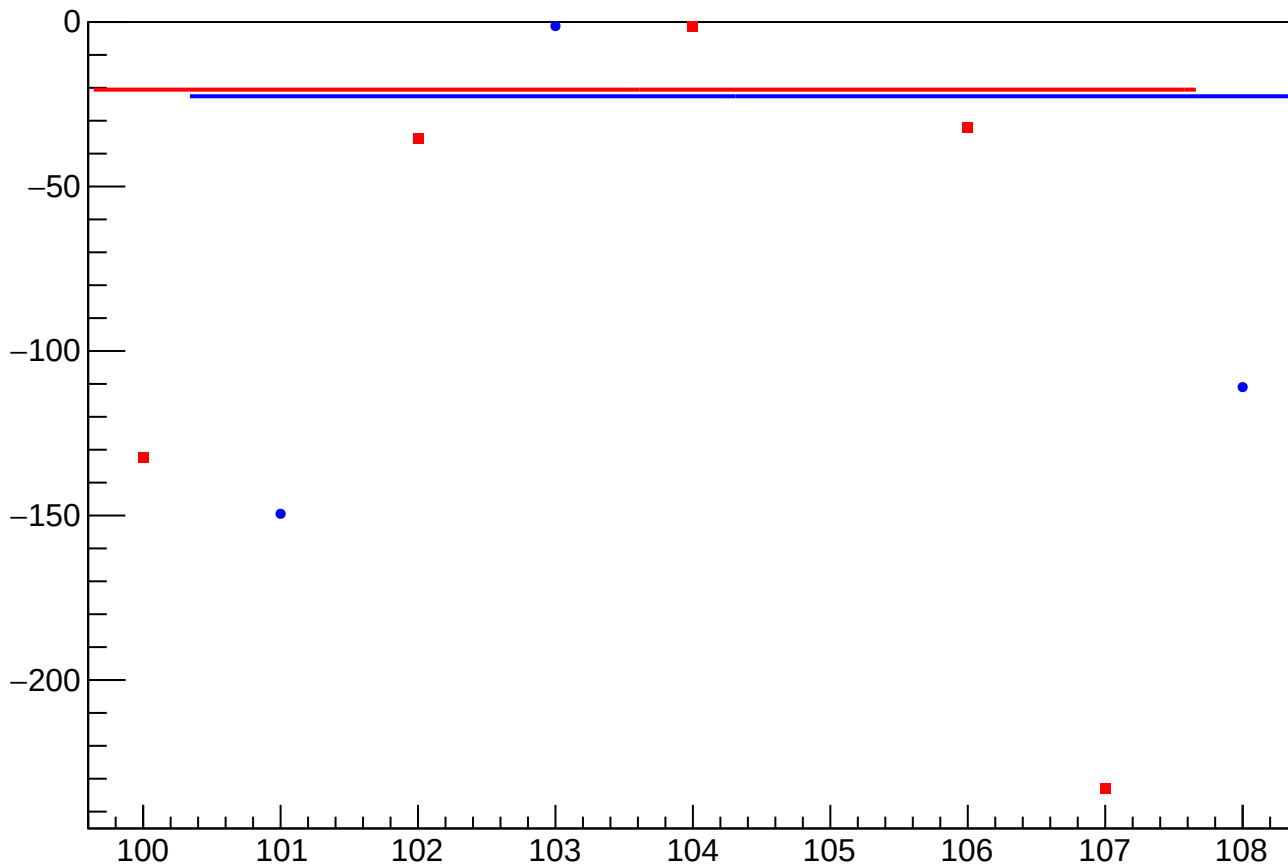
Right: 12.858+/-1.811 χ^2/NDF : 36.1/7

In: 16.075+/-2.948 χ^2/NDF : 18.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.858+/-1.811 χ^2/NDF : 36.1/7

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -22.568+/-0.083 χ^2/NDF : 347118.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.555+/-0.078 χ^2/NDF : 174189.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

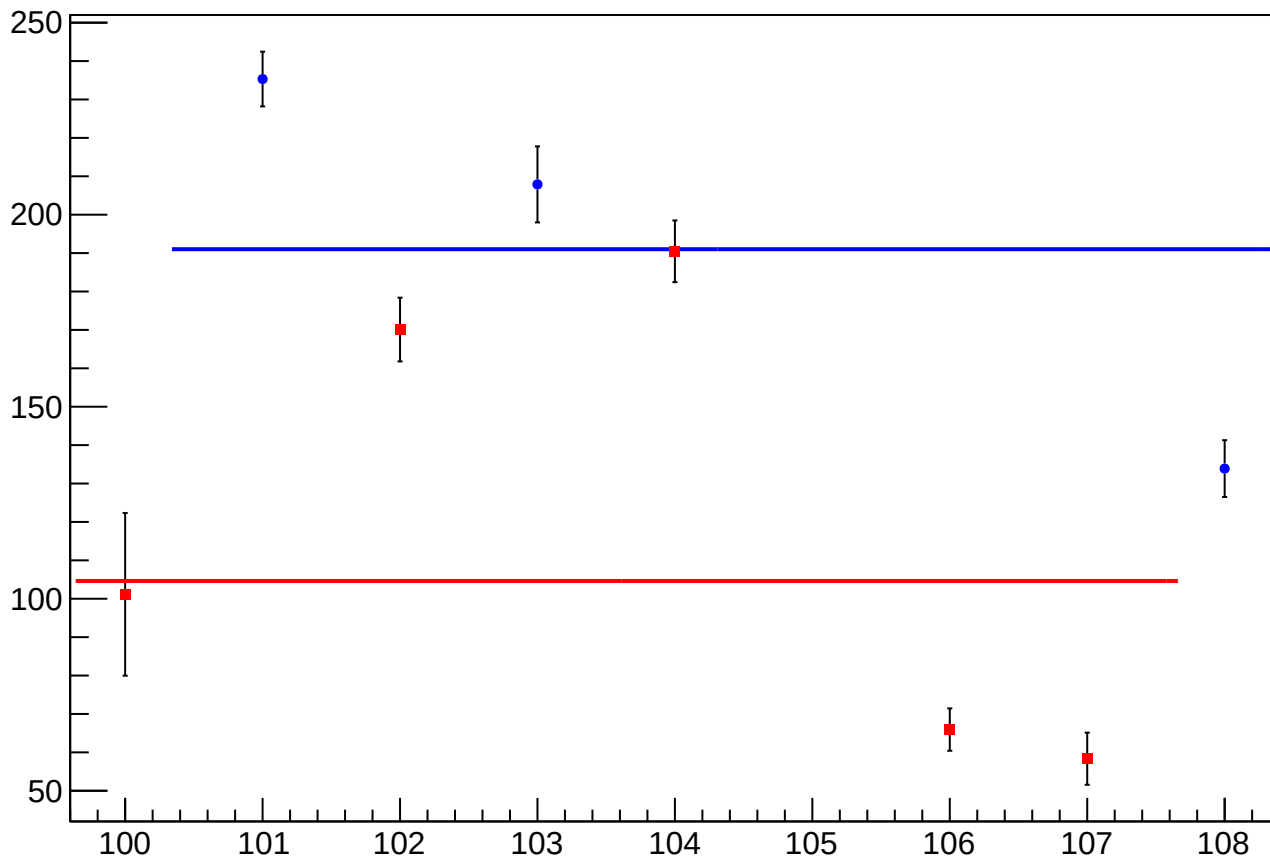
Right: -21.495+/-0.057 χ^2/NDF : 521622.4/7

In: -22.568+/-0.083 χ^2/NDF : 347118.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.495+/-0.057 χ^2/NDF : 521622.4/7

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 191.014 $\pm$ 4.556 χ^2 /NDF: 101.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 104.624 $\pm$ 3.395 χ^2 /NDF: 272.1/4

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

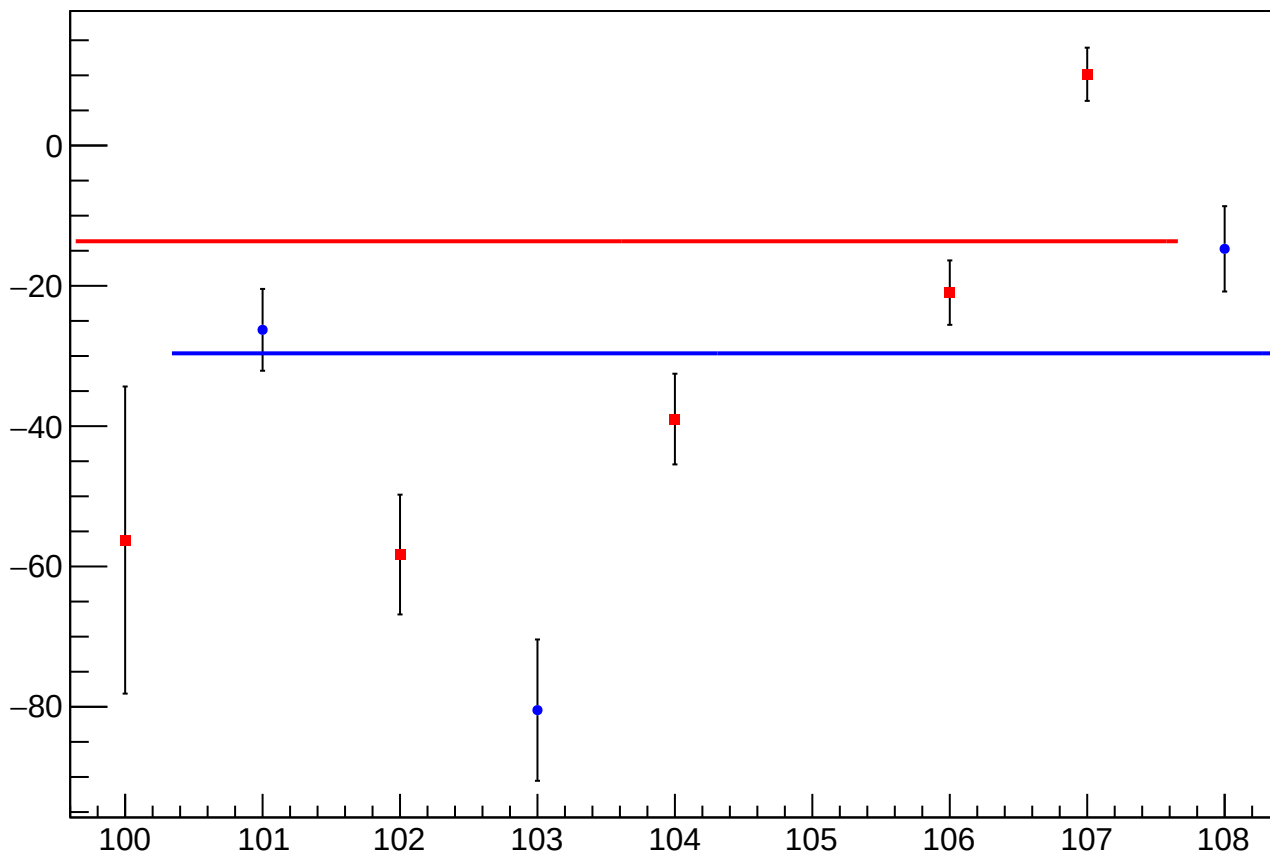
Right: 135.462 $\pm$ 2.722 χ^2 /NDF: 604.5/7

In: 191.014 $\pm$ 4.556 χ^2 /NDF:101.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 135.462 $\pm$ 2.722 χ^2 /NDF: 604.5/7

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -29.621+/-3.883 χ^2/NDF : 31.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.647+/-2.526 χ^2/NDF : 88.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

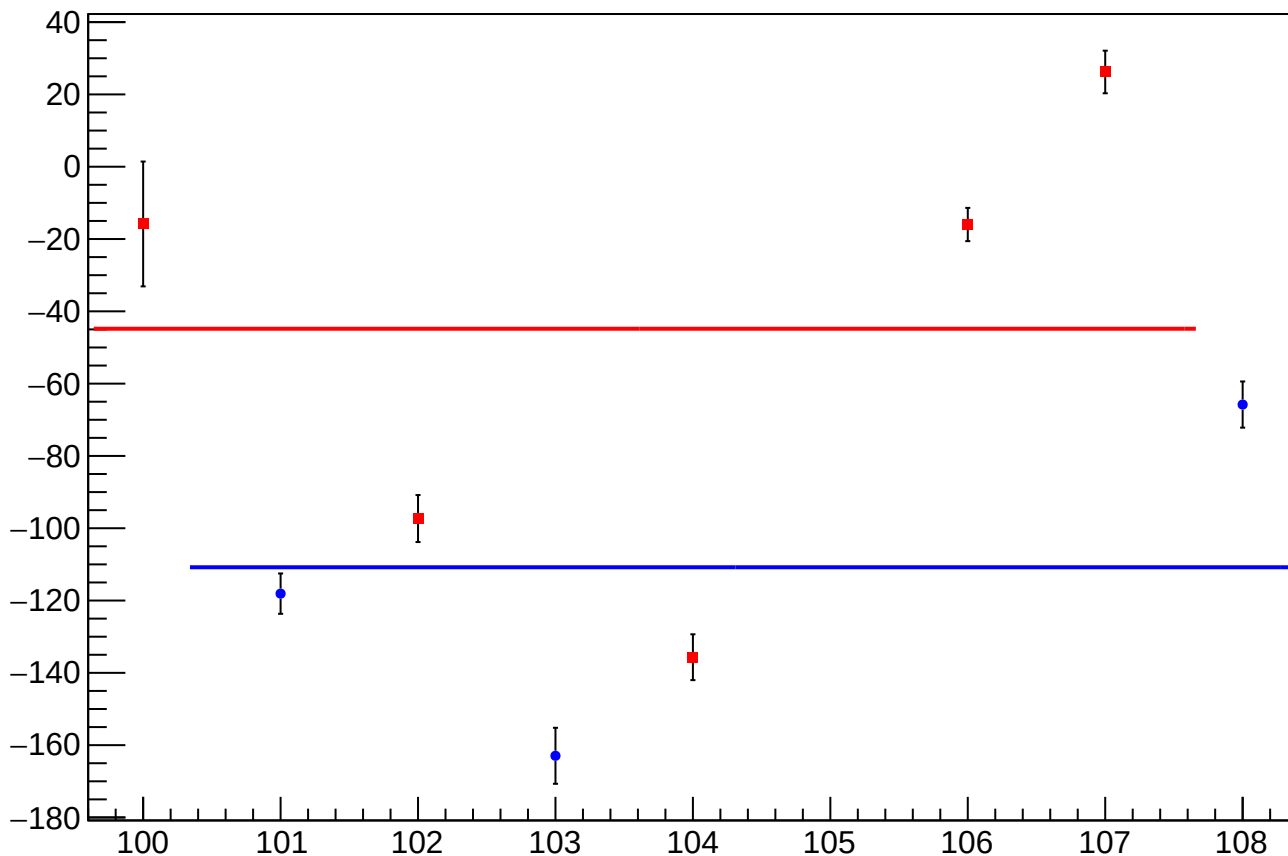
Right: -18.396+/-2.117 χ^2/NDF : 132.2/7

In: -29.621+/-3.883 χ^2/NDF : 31.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.396+/-2.117 χ^2/NDF : 132.2/7

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -110.795 $\pm$ 3.694 χ^2 /NDF: 96.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -44.815 $\pm$ 2.795 χ^2 /NDF: 458.1/4

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

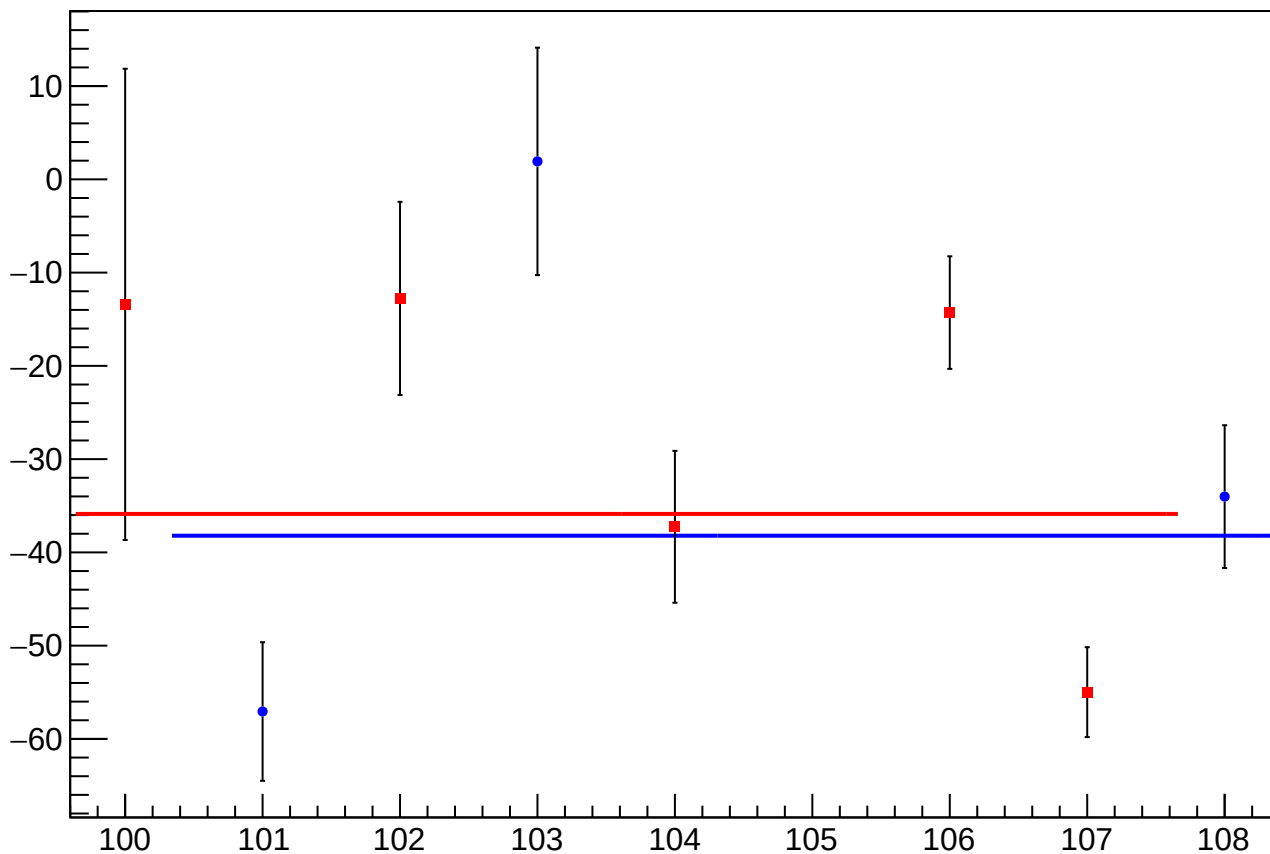
Right: -68.844 $\pm$ 2.229 χ^2 /NDF: 757.7/7

In: -110.795 $\pm$ 3.694 χ^2 /NDF:96.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -68.844 $\pm$ 2.229 χ^2 /NDF: 757.7/7

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -38.211 $\pm$ 4.884 χ^2 /NDF: 17.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -35.876 $\pm$ 3.219 χ^2 /NDF: 34.3/4

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

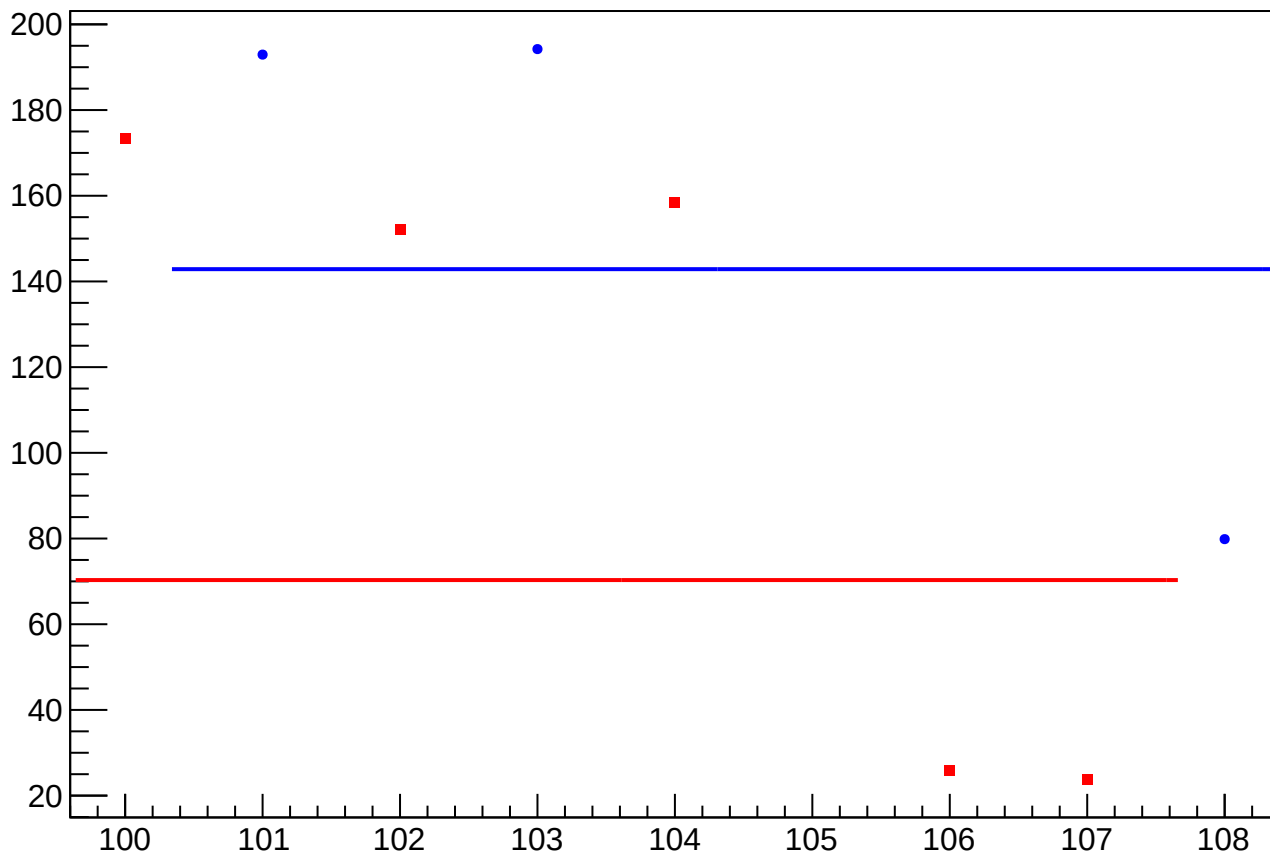
Right: -36.583 $\pm$ 2.688 χ^2 /NDF: 52.0/7

In: -38.211 $\pm$ 4.884 χ^2 /NDF: 17.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -36.583 $\pm$ 2.688 χ^2 /NDF: 52.0/7

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 142.867 $\pm$ 0.175 χ^2 /NDF: 104518.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 70.306 $\pm$ 0.120 χ^2 /NDF: 271410.0/4

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

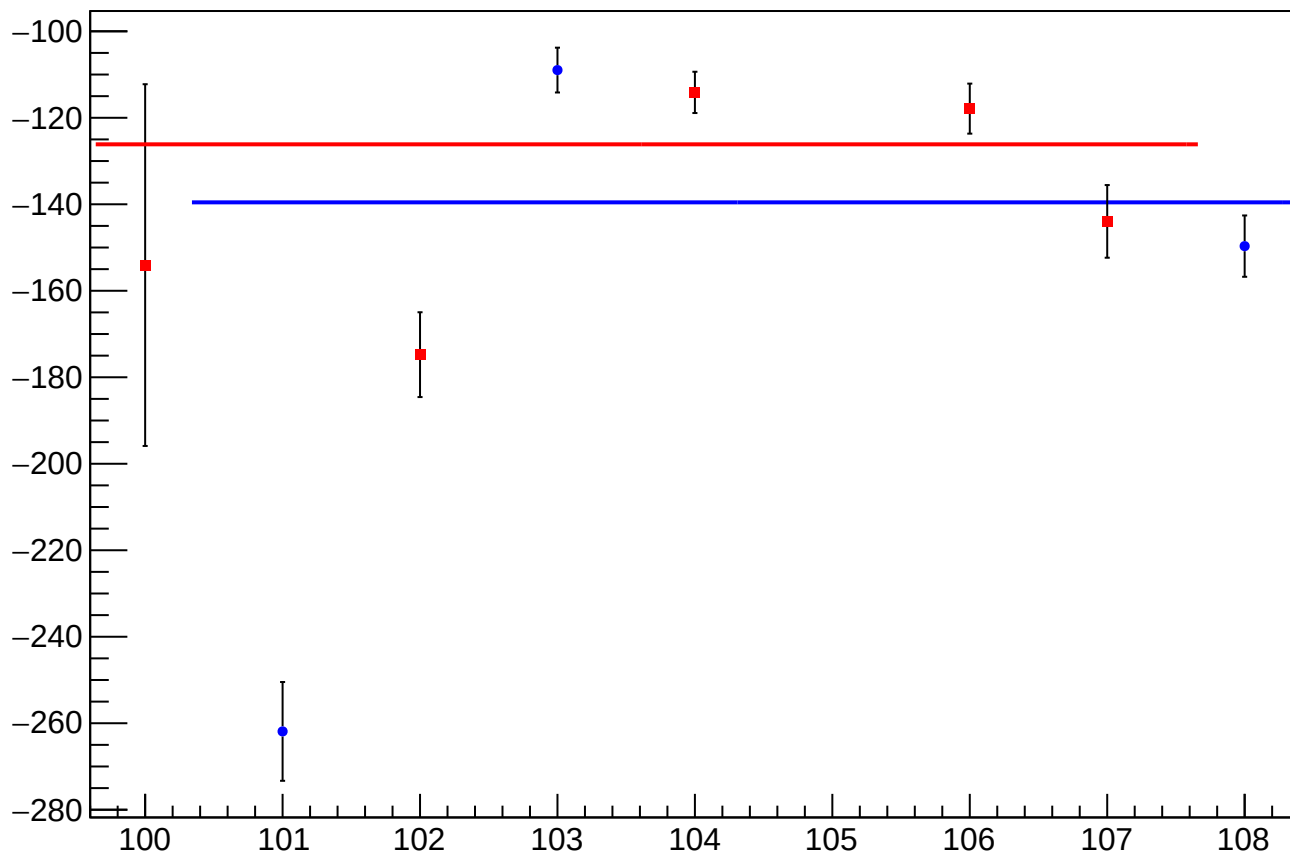
Right: 93.459 $\pm$ 0.099 χ^2 /NDF: 493170.7/7

In: 142.867 $\pm$ 0.175 χ^2 /NDF:104518.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 93.459 $\pm$ 0.099 χ^2 /NDF: 493170.7/7

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -139.554+/-3.928 χ^2/NDF : 151.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -126.137+/-3.179 χ^2/NDF : 37.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

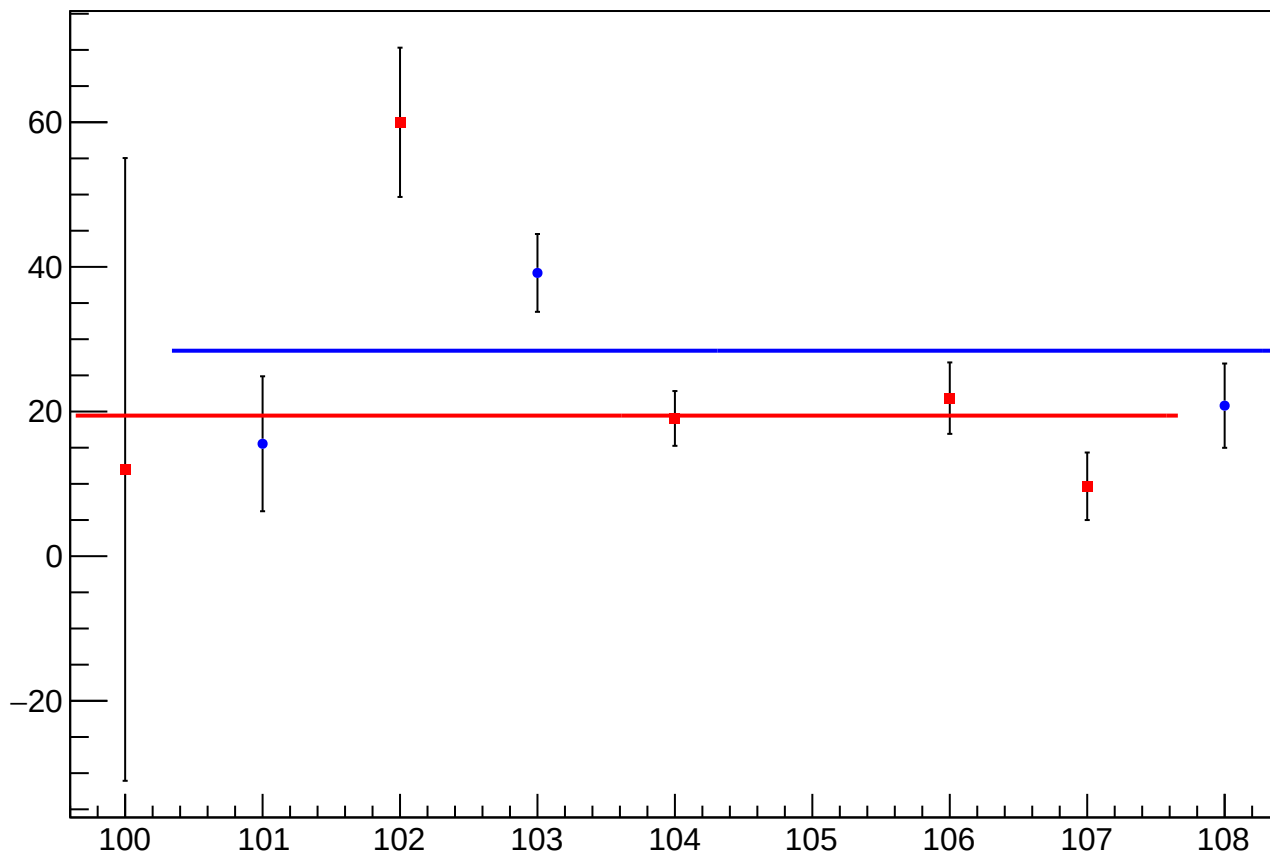
Right: -131.447+/-2.471 χ^2/NDF : 196.6/7

In: -139.554+/-3.928 χ^2/NDF : 151.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -131.447+/-2.471 χ^2/NDF : 196.6/7

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 28.410 $\pm$ 3.640 χ^2 /NDF: 7.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 19.438 $\pm$ 2.451 χ^2 /NDF: 20.1/4

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

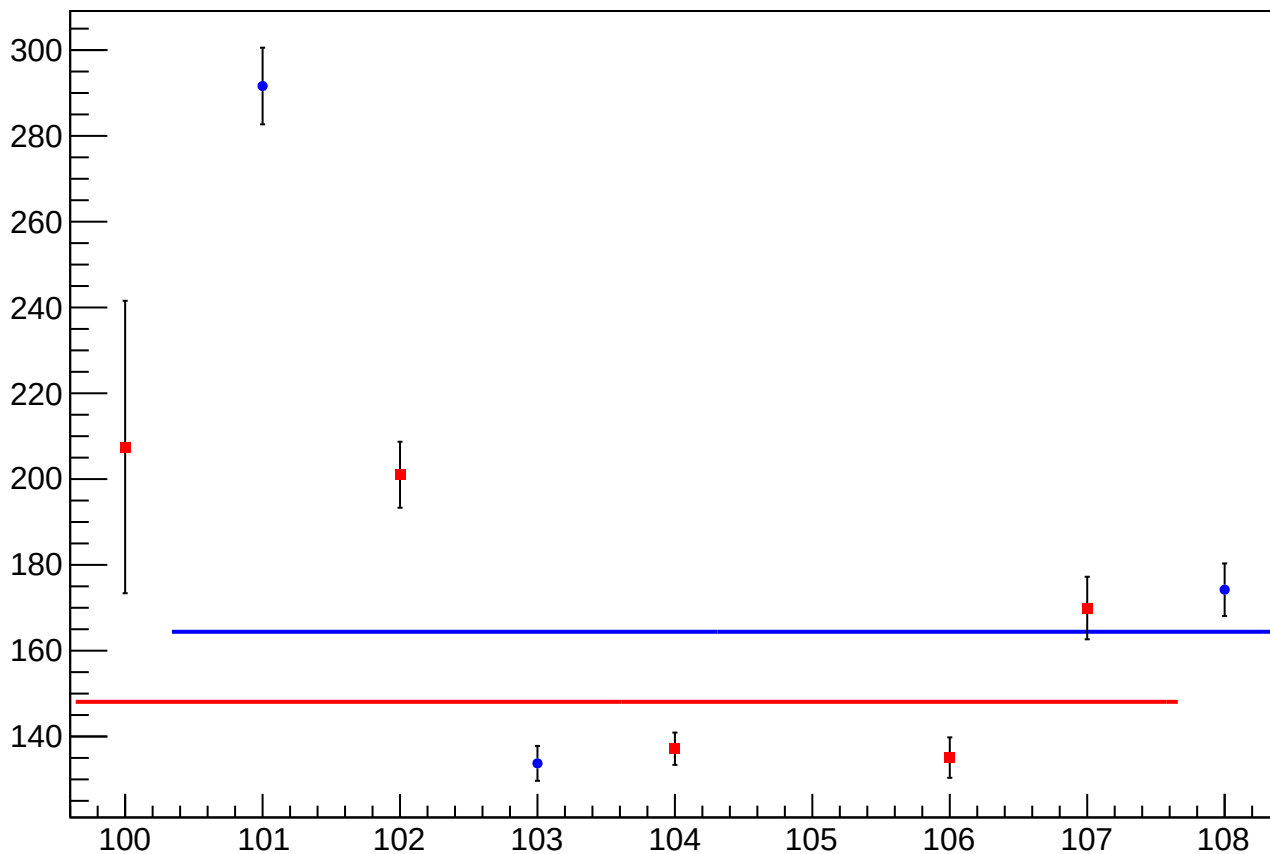
Right: 22.236 $\pm$ 2.033 χ^2 /NDF: 31.9/7

In: 28.410 $\pm$ 3.640 χ^2 /NDF: 7.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.236 $\pm$ 2.033 χ^2 /NDF: 31.9/7

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 164.407+/-3.167 χ^2/NDF : 262.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148.079+/-2.563 χ^2/NDF : 75.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

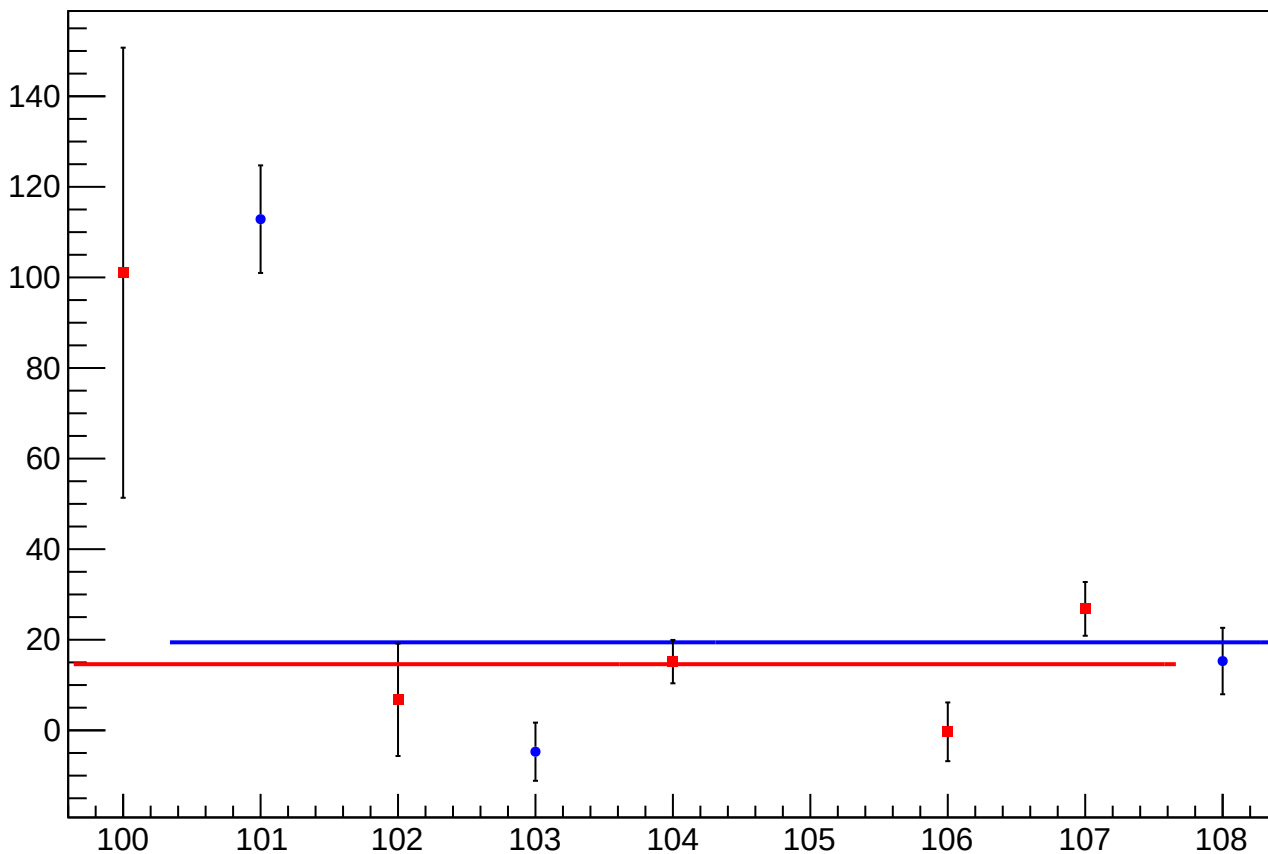
Right: 154.541+/-1.993 χ^2/NDF : 353.6/7

In: 164.407+/-3.167 χ^2/NDF : 262.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.541+/-1.993 χ^2/NDF : 353.6/7

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 19.430+/-4.475 χ^2/NDF : 76.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.605+/-3.120 χ^2/NDF : 13.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

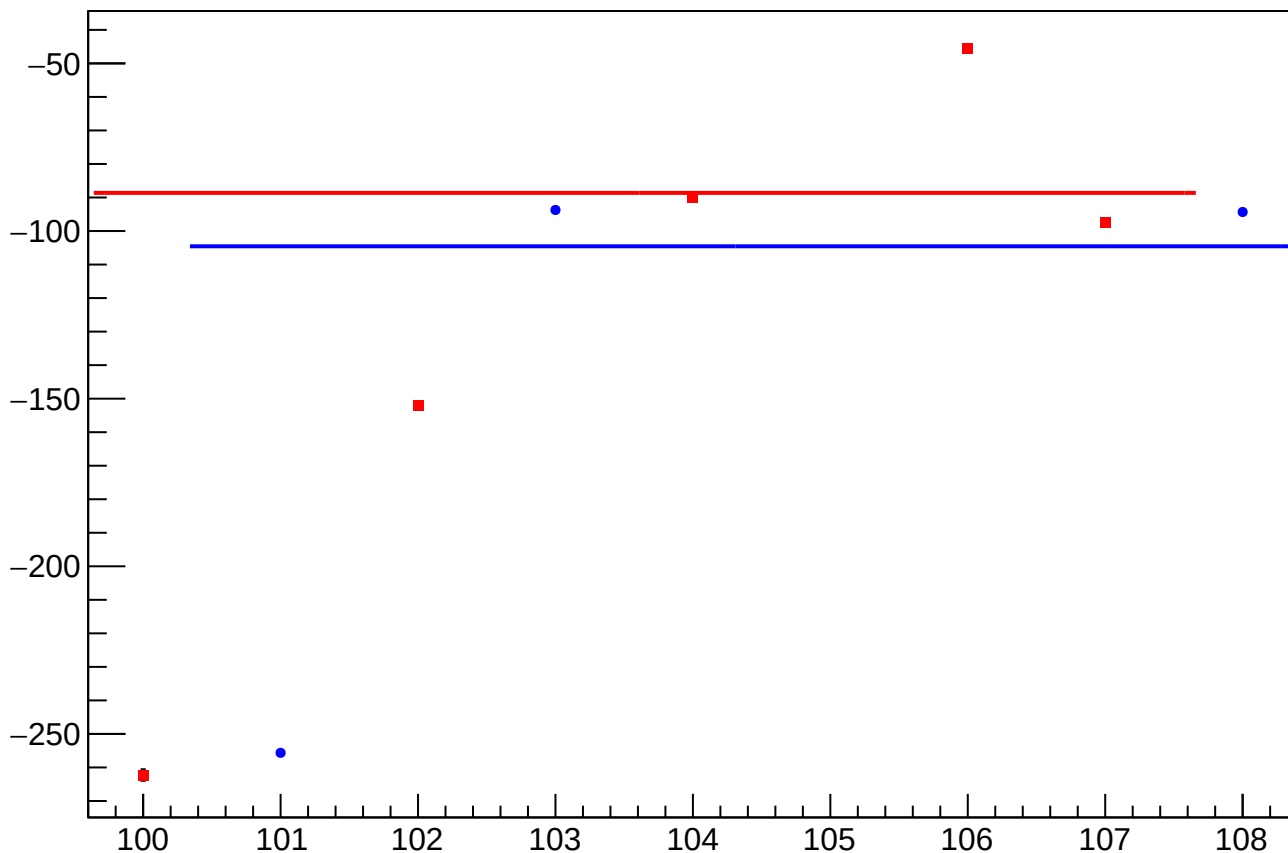
Right: 16.183+/-2.559 χ^2/NDF : 90.1/7

In: 19.430+/-4.475 χ^2/NDF : 76.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.183+/-2.559 χ^2/NDF : 90.1/7

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -104.554+/-0.136 χ^2/NDF : 86668.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -88.621+/-0.120 χ^2/NDF : 82259.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

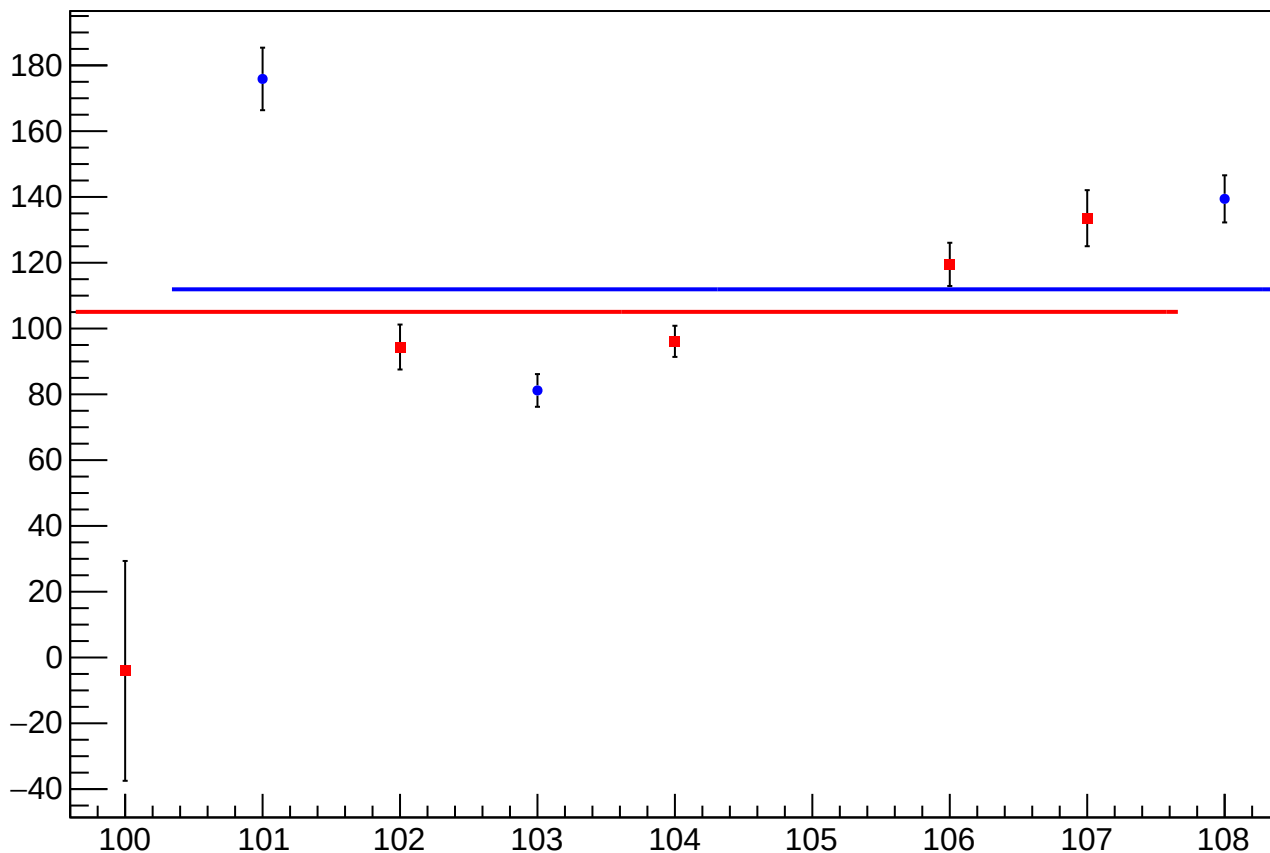
Right: -95.569+/-0.090 χ^2/NDF : 176644.2/7

In: -104.554+/-0.136 χ^2/NDF : 86668.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -95.569+/-0.090 χ^2/NDF : 176644.2/7

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 111.922+/-3.753 χ^2/NDF : 98.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 105.070+/-3.103 χ^2/NDF : 32.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

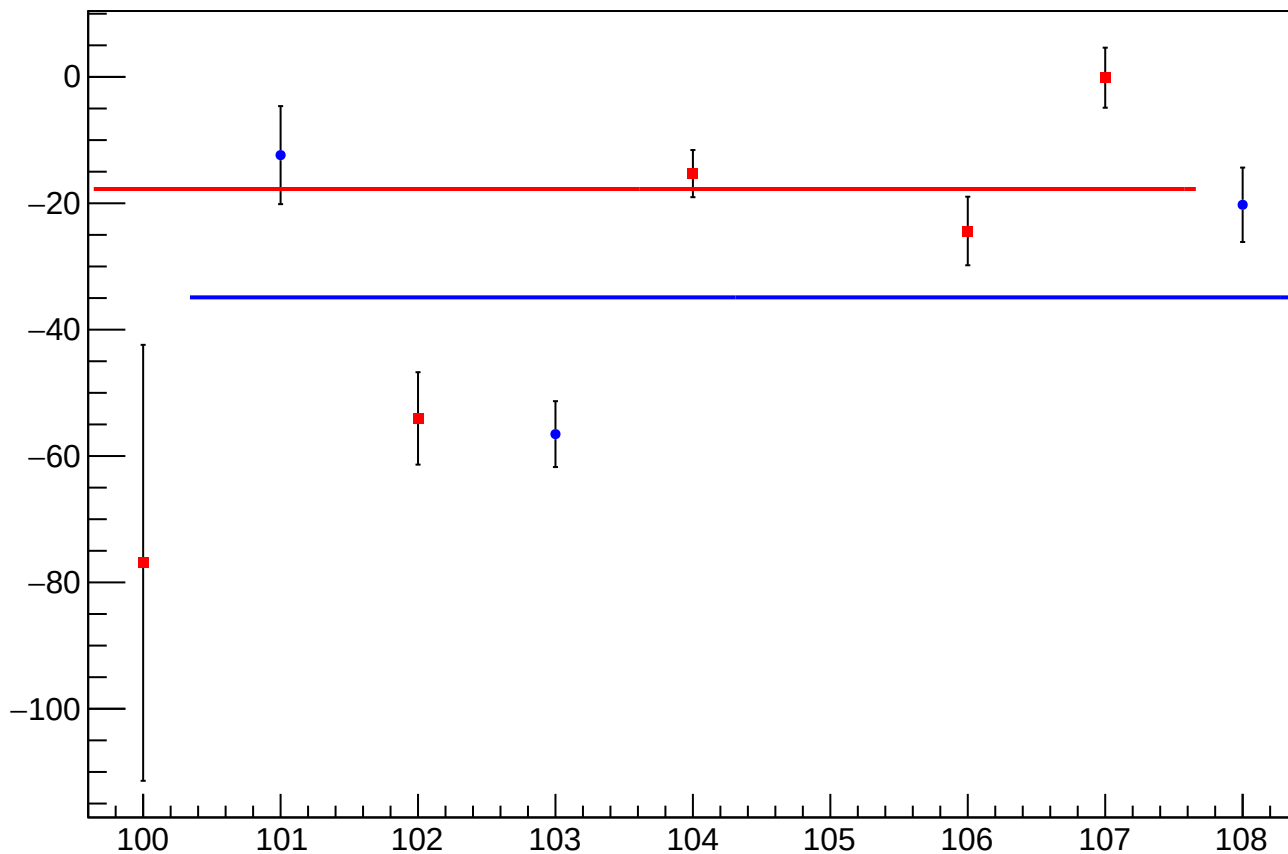
Right: 107.852+/-2.391 χ^2/NDF : 132.9/7

In: 111.922+/-3.753 χ^2/NDF : 98.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.852+/-2.391 χ^2/NDF : 132.9/7

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.889+/-3.487 χ^2/NDF : 31.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.738+/-2.428 χ^2/NDF : 43.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

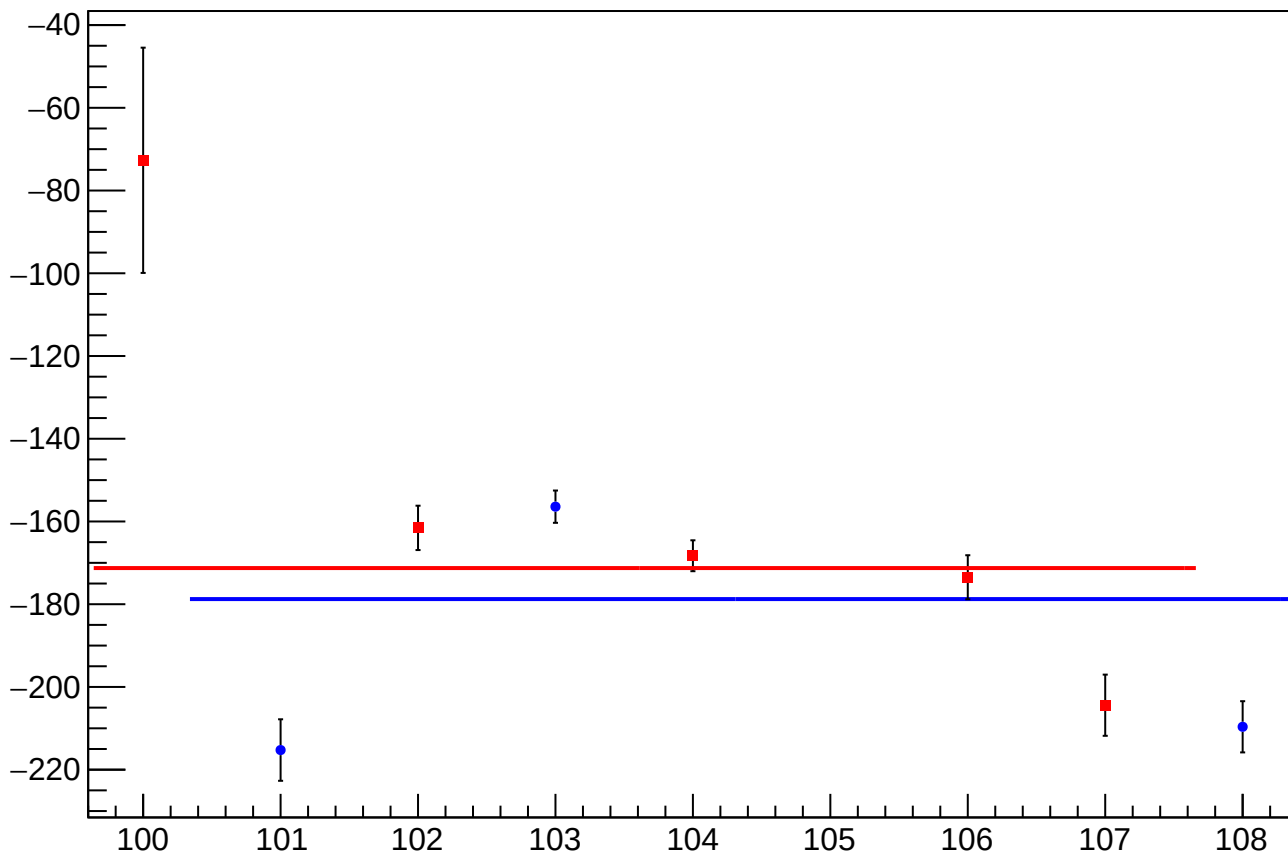
Right: -23.339+/-1.993 χ^2/NDF : 91.4/7

In: -34.889+/-3.487 χ^2/NDF : 31.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.339+/-1.993 χ^2/NDF : 91.4/7

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -178.760+/-3.017 χ^2/NDF : 81.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -171.262+/-2.489 χ^2/NDF : 37.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

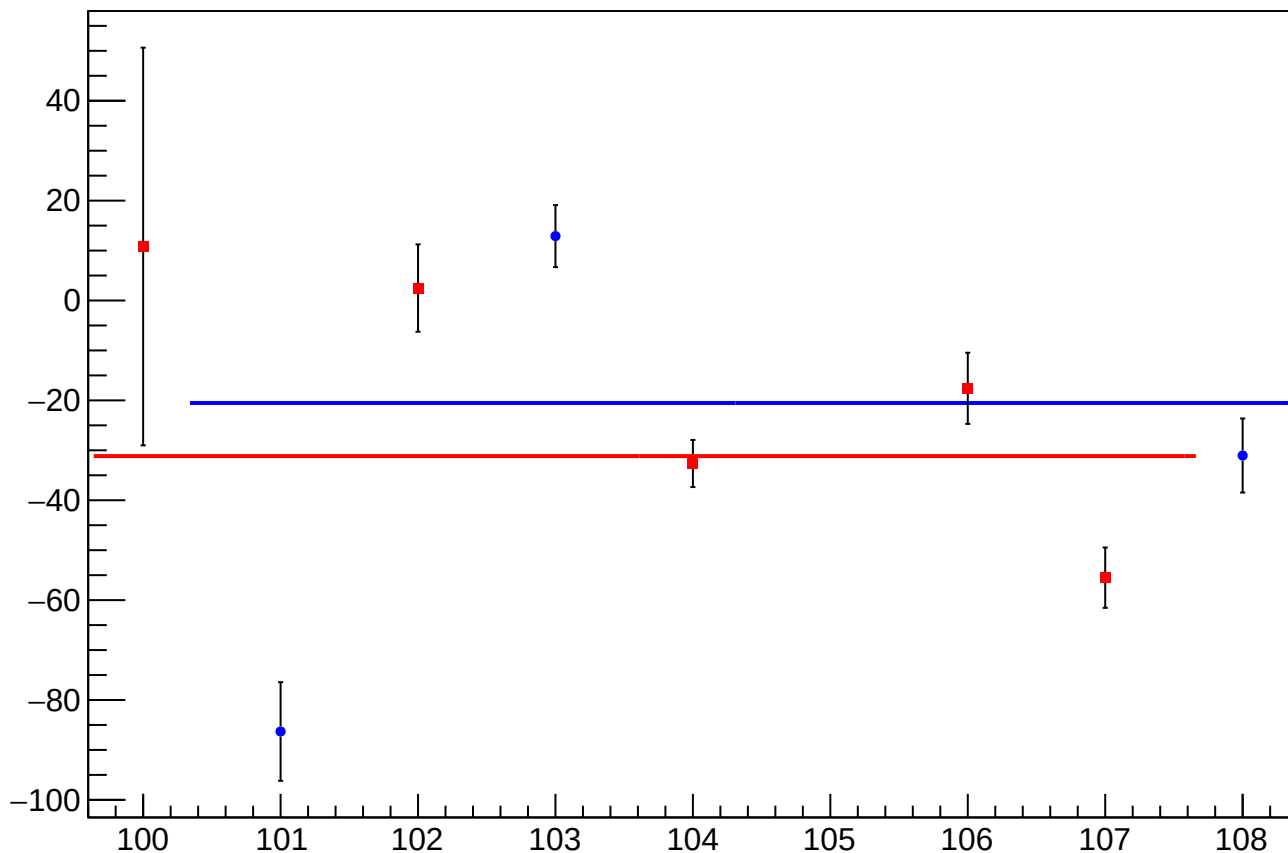
Right: -174.298+/-1.920 χ^2/NDF : 122.7/7

In: -178.760+/-3.017 χ^2/NDF : 81.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -174.298+/-1.920 χ^2/NDF : 122.7/7

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -20.522 $\pm$ 4.289 χ^2 /NDF: 75.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -31.157 $\pm$ 3.075 χ^2 /NDF: 35.9/4

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

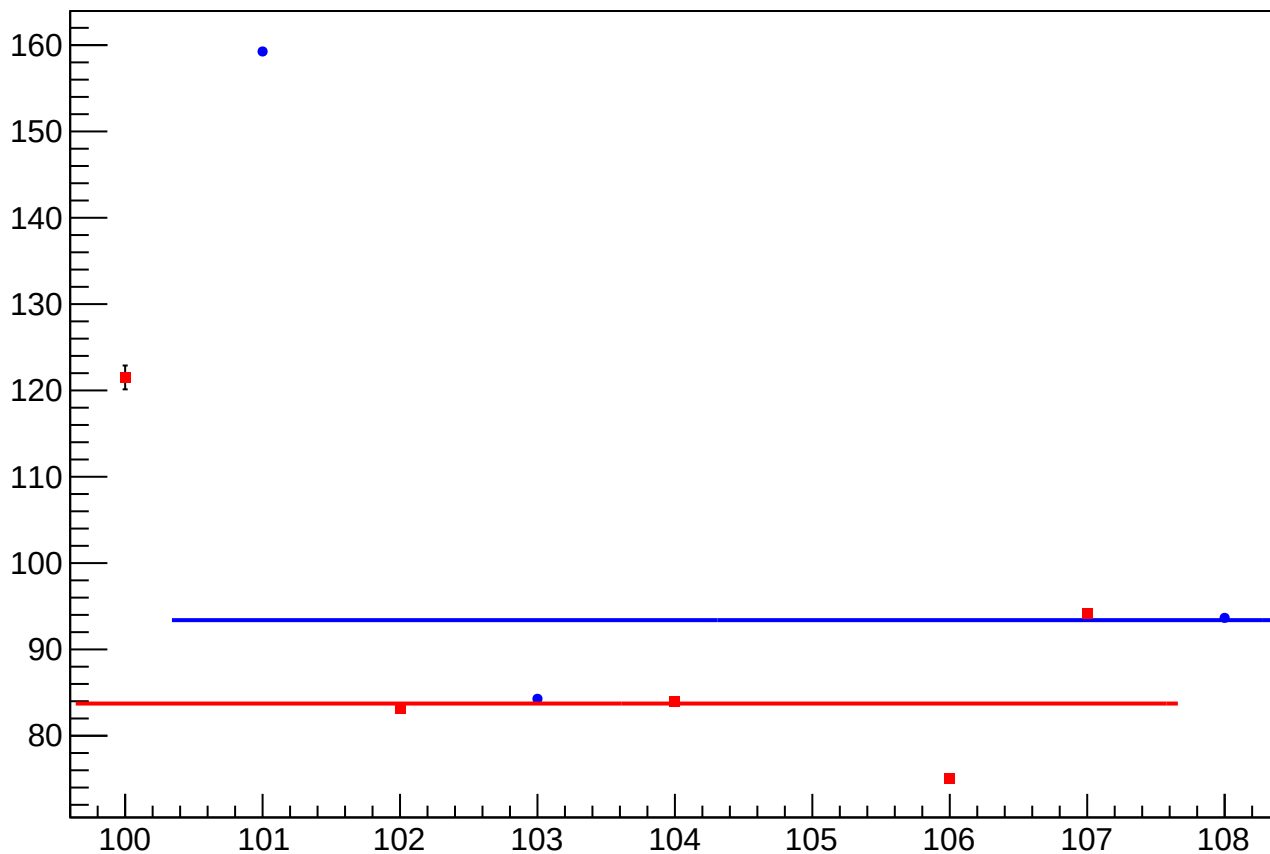
Right: -27.547 $\pm$ 2.499 χ^2 /NDF: 115.3/7

In: -20.522 $\pm$ 4.289 χ^2 /NDF:75.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -27.547 $\pm$ 2.499 χ^2 /NDF: 115.3/7

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 93.391+/-0.131 χ^2/NDF : 25446.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.731+/-0.114 χ^2/NDF : 3116.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

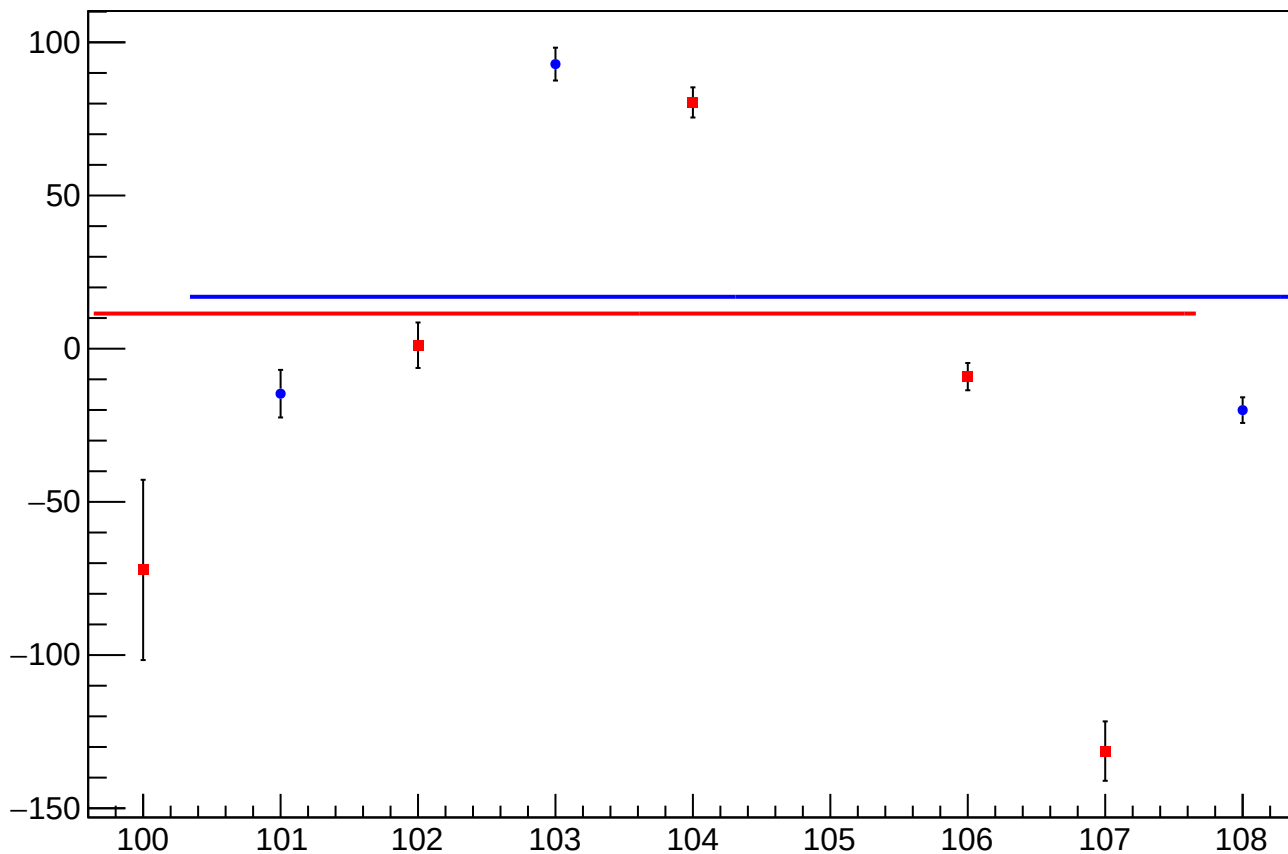
Right: 87.888+/-0.086 χ^2/NDF : 31661.9/7

In: 93.391+/-0.131 χ^2/NDF : 25446.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.888+/-0.086 χ^2/NDF : 31661.9/7

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 16.942+/-3.036 χ^2/NDF : 295.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.470+/-2.867 χ^2/NDF : 444.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

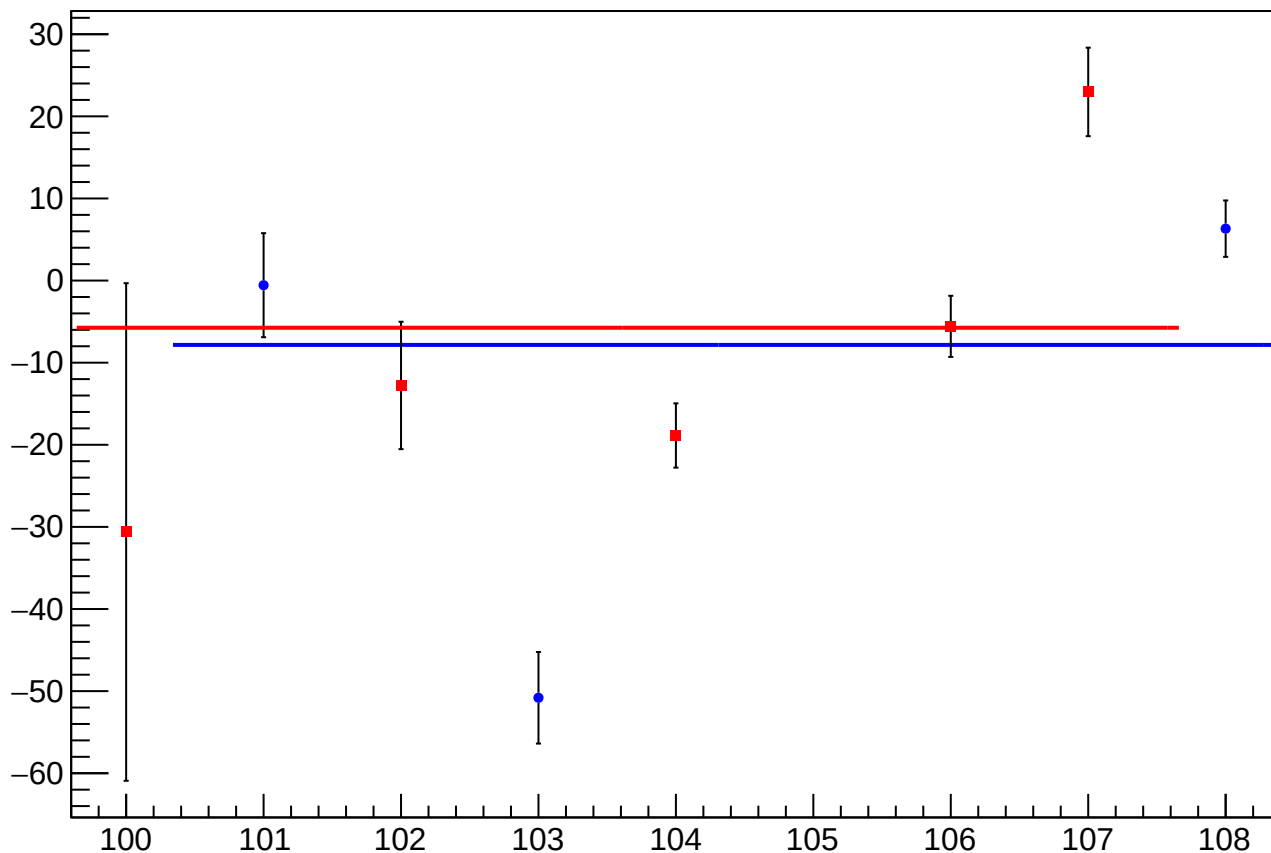
Right: 14.050+/-2.084 χ^2/NDF : 741.2/7

In: 16.942+/-3.036 χ^2/NDF : 295.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.050+/-2.084 χ^2/NDF : 741.2/7

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.835+/-2.655 χ^2/NDF : 77.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.745+/-2.297 χ^2/NDF : 41.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

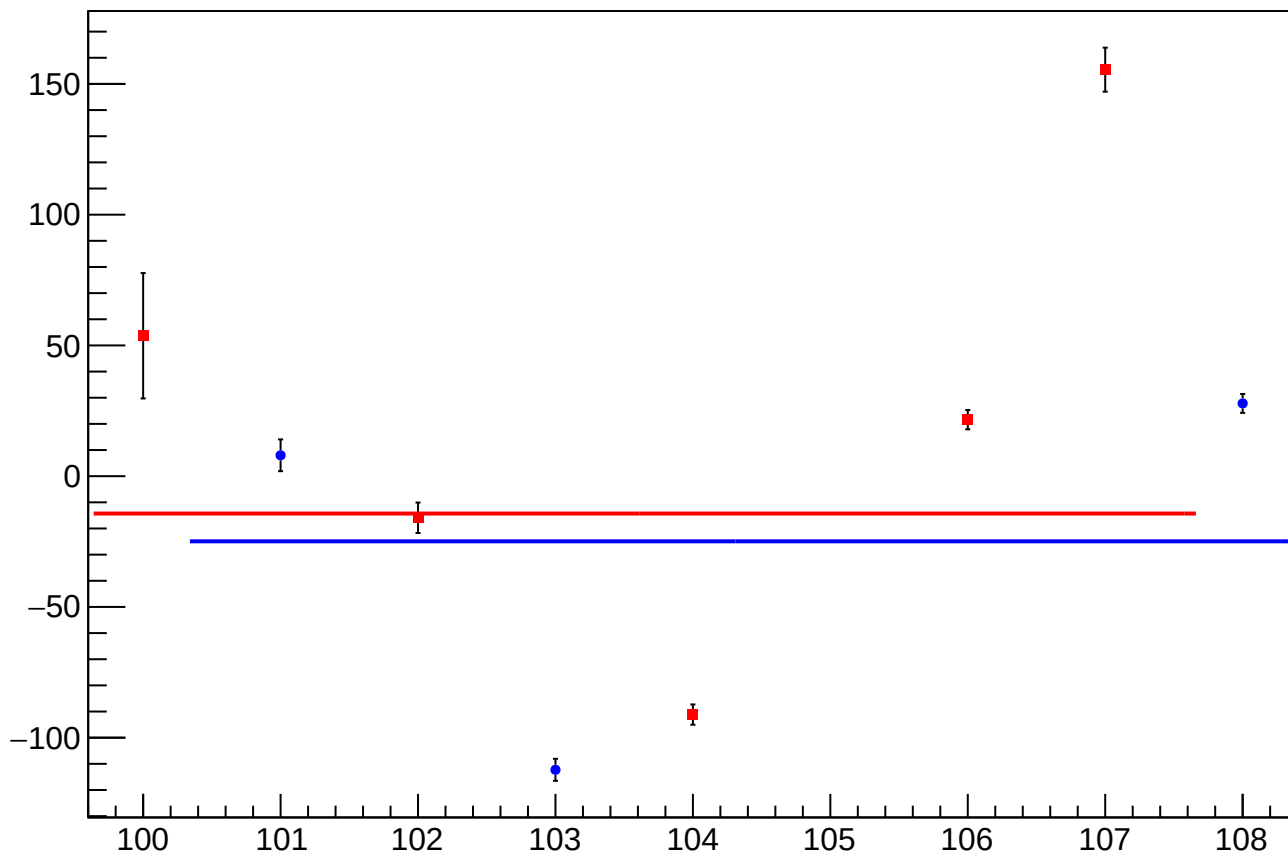
Right: -6.640+/-1.737 χ^2/NDF : 119.2/7

In: -7.835+/-2.655 χ^2/NDF : 77.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.640+/-1.737 χ^2/NDF : 119.2/7

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -24.915 ± 2.498 $\chi^2/\text{NDF}: 673.6/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -14.284 ± 2.326 $\chi^2/\text{NDF}: 901.0/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

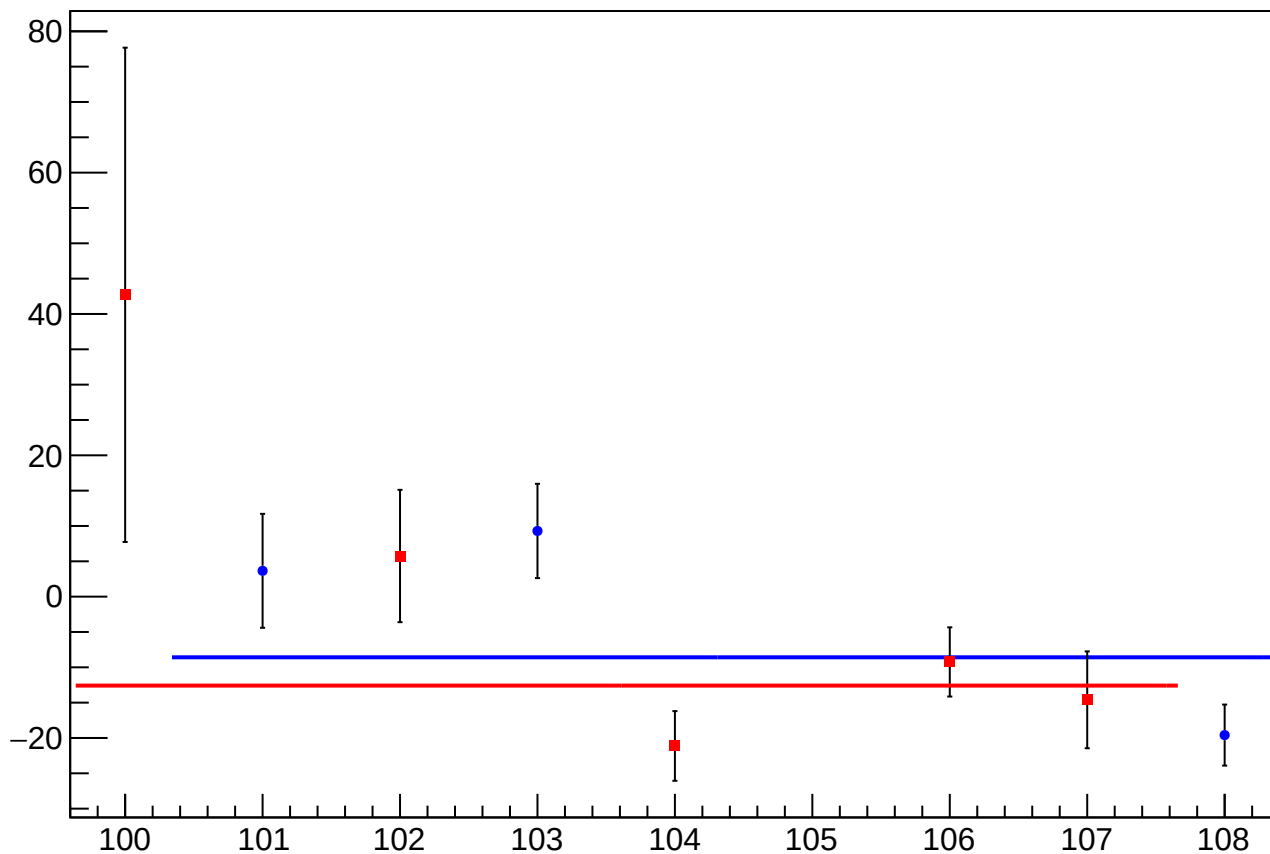
Right: -19.220 ± 1.702 $\chi^2/\text{NDF}: 1584.4/7$

In: -24.915 ± 2.498 $\chi^2/\text{NDF}: 673.6/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -19.220 ± 1.702 $\chi^2/\text{NDF}: 1584.4/7$

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -8.585+/-3.306 χ^2/NDF : 16.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.587+/-2.932 χ^2/NDF : 9.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

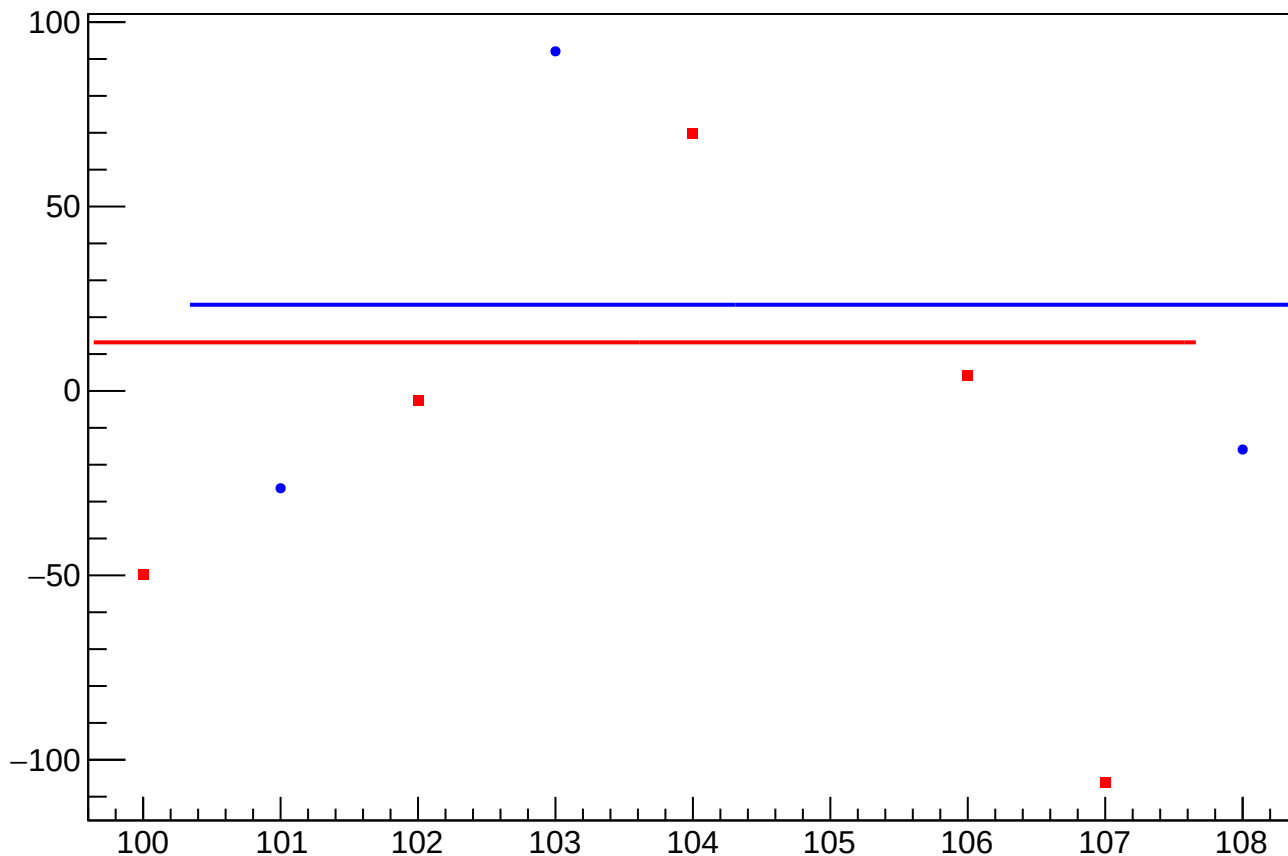
Right: -10.826+/-2.194 χ^2/NDF : 26.7/7

In: -8.585+/-3.306 χ^2/NDF : 16.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.826+/-2.194 χ^2/NDF : 26.7/7

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 23.371+/-0.108 χ^2/NDF : 242060.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.174+/-0.107 χ^2/NDF : 222331.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

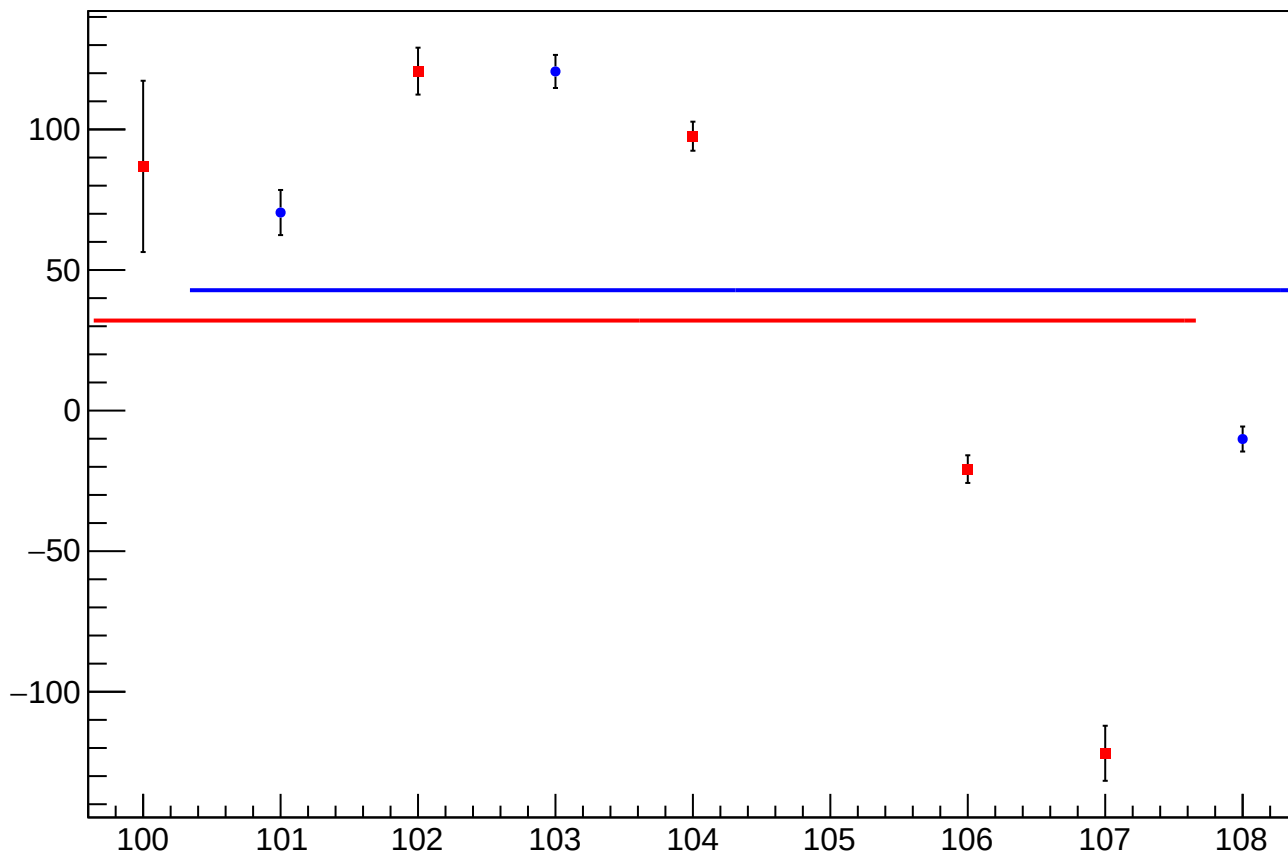
Right: 18.260+/-0.076 χ^2/NDF : 468883.7/7

In: 23.371+/-0.108 χ^2/NDF : 242060.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.260+/-0.076 χ^2/NDF : 468883.7/7

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 42.817+/-3.244 χ^2/NDF : 328.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.024+/-3.091 χ^2/NDF : 639.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

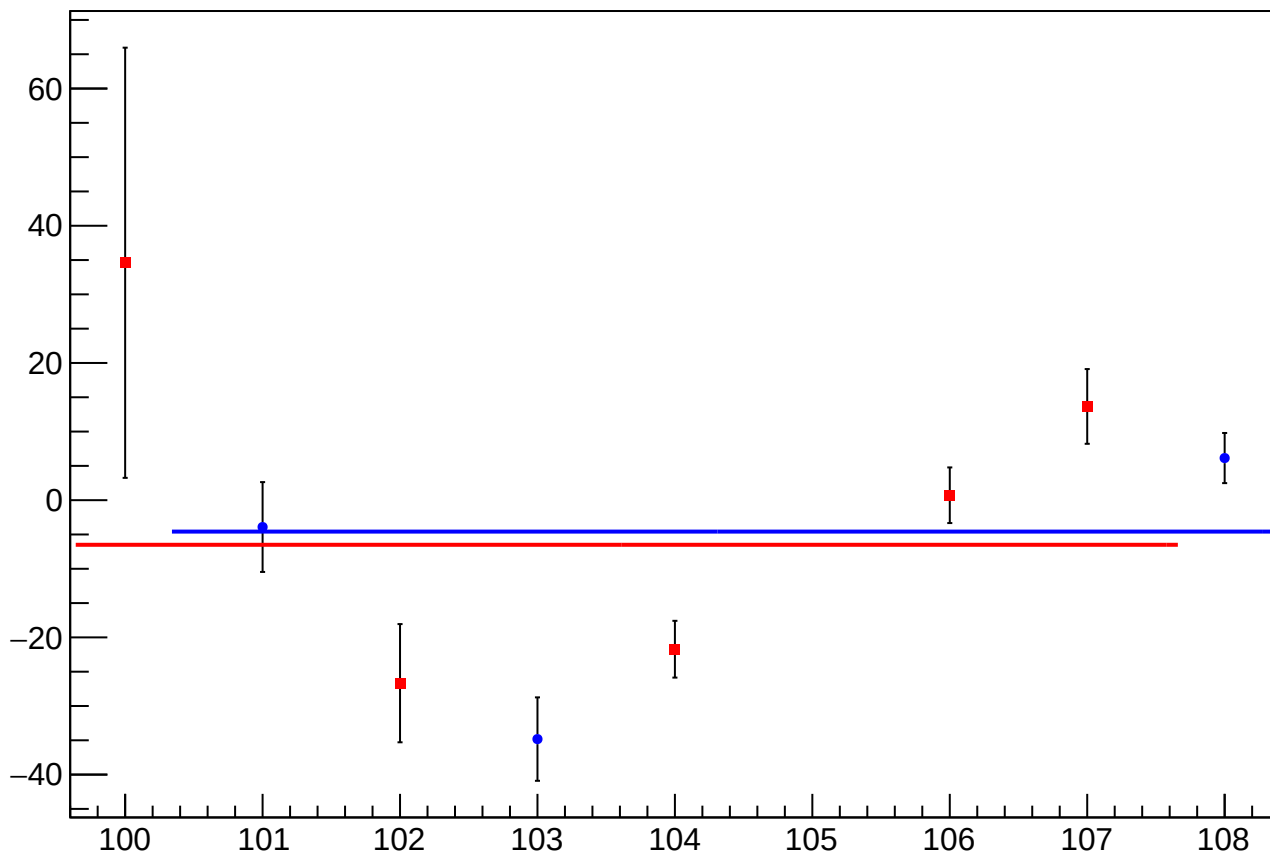
Right: 37.160+/-2.238 χ^2/NDF : 974.2/7

In: 42.817+/-3.244 χ^2/NDF : 328.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.160+/-2.238 χ^2/NDF : 974.2/7

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.579+/-2.826 χ^2/NDF : 33.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.503+/-2.444 χ^2/NDF : 37.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

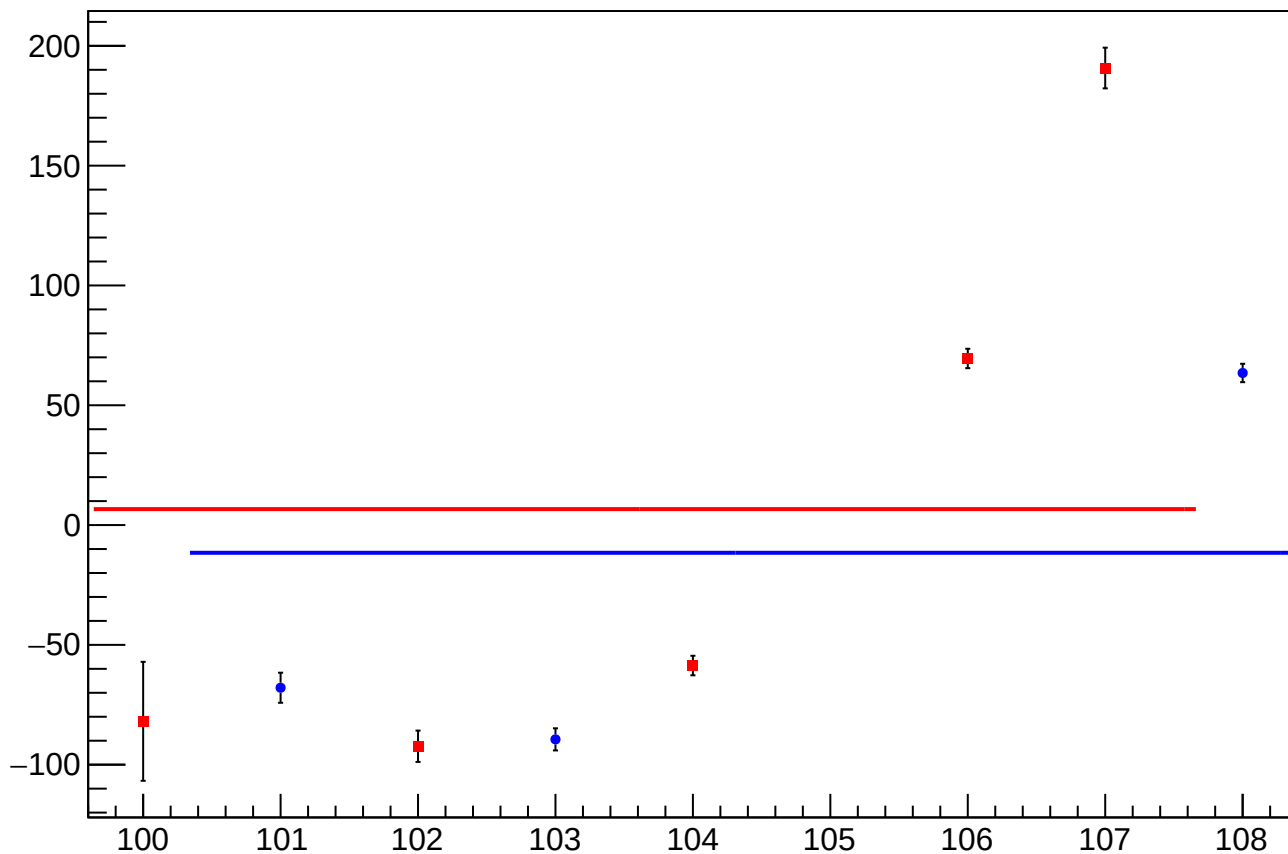
Right: -5.680+/-1.848 χ^2/NDF : 71.2/7

In: -4.579+/-2.826 χ^2/NDF : 33.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.680+/-1.848 χ^2/NDF : 71.2/7

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -11.561 $\pm$ 2.671 χ^2 /NDF: 747.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 6.663 $\pm$ 2.500 χ^2 /NDF: 1209.2/4

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

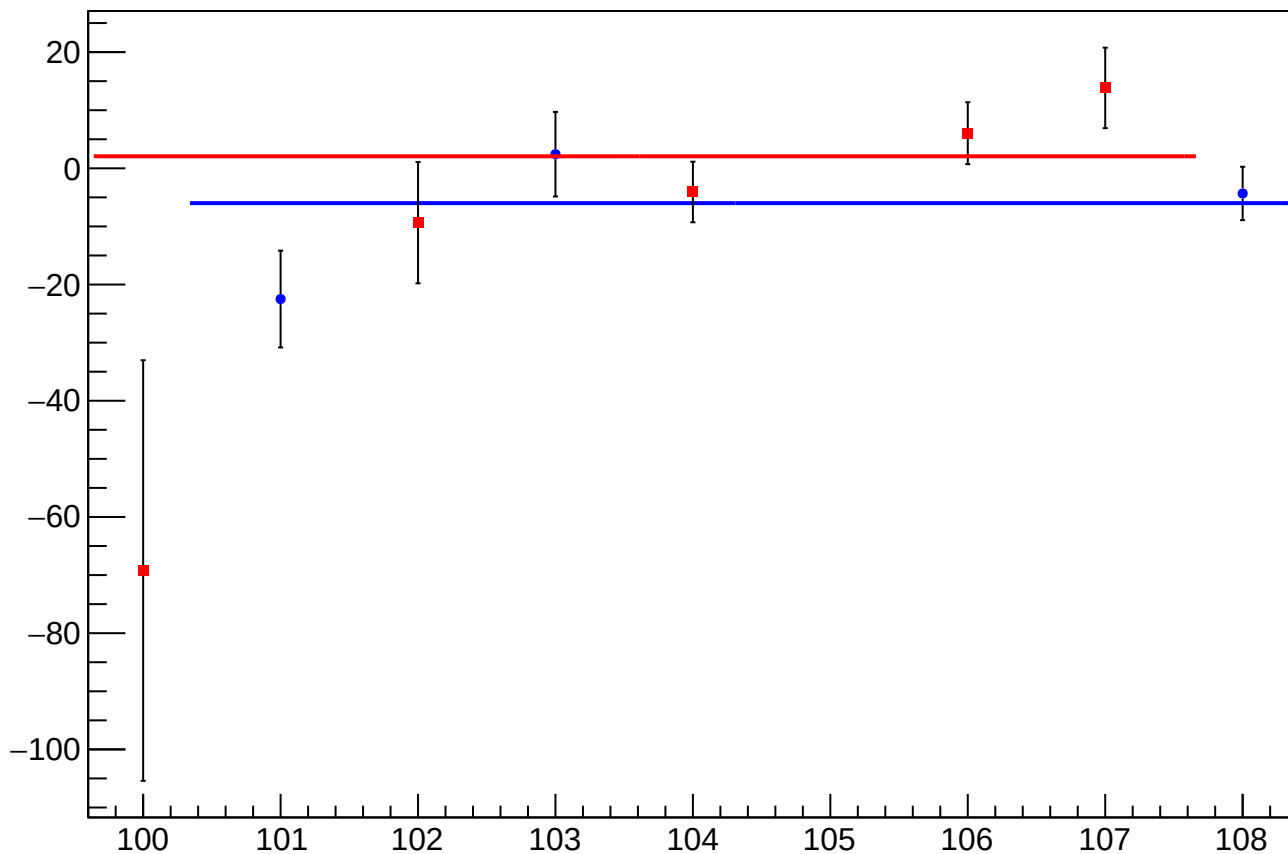
Right: -1.845 $\pm$ 1.825 χ^2 /NDF: 1981.1/7

In: -11.561 $\pm$ 2.671 χ^2 /NDF:747.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.845 $\pm$ 1.825 χ^2 /NDF: 1981.1/7

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.989+/-3.522 χ^2/NDF : 5.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.069+/-3.120 χ^2/NDF : 9.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

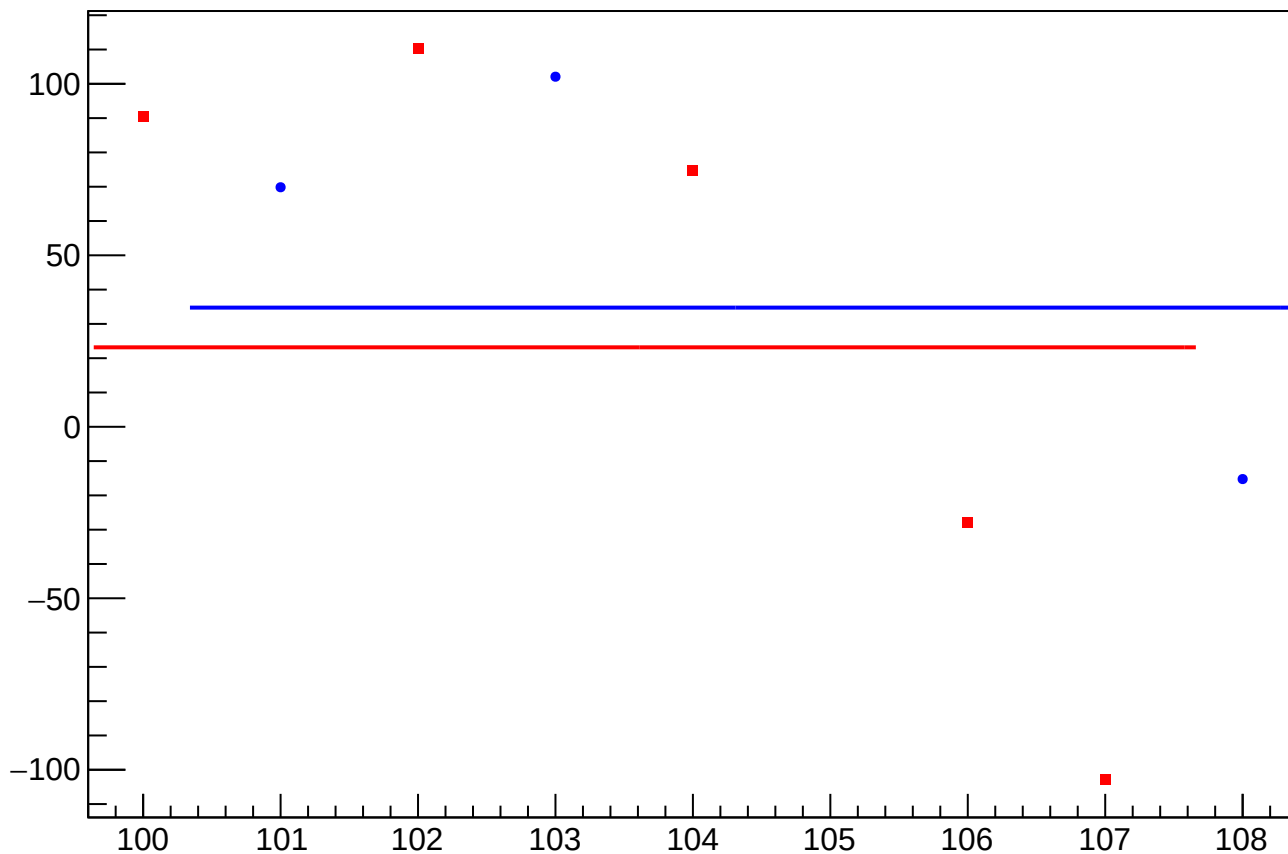
Right: -1.474+/-2.335 χ^2/NDF : 18.2/7

In: -5.989+/-3.522 χ^2/NDF : 5.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.474+/-2.335 χ^2/NDF : 18.2/7

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 34.750+/-0.116 χ^2/NDF : 231642.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.171+/-0.116 χ^2/NDF : 369757.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

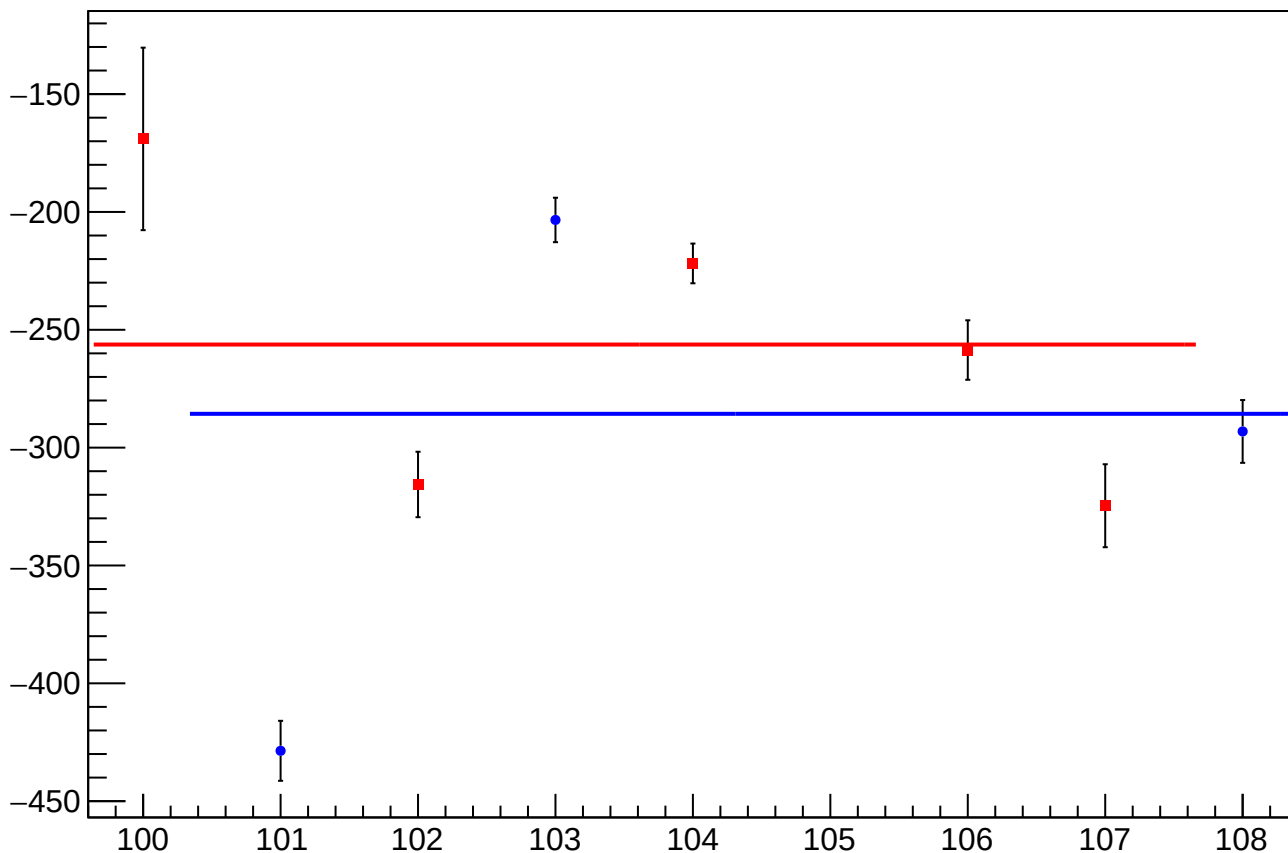
Right: 28.970+/-0.082 χ^2/NDF : 606401.5/7

In: 34.750+/-0.116 χ^2/NDF : 231642.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.970+/-0.082 χ^2/NDF : 606401.5/7

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -285.655+/-6.585 χ^2/NDF : 202.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -256.260+/-5.827 χ^2/NDF : 55.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

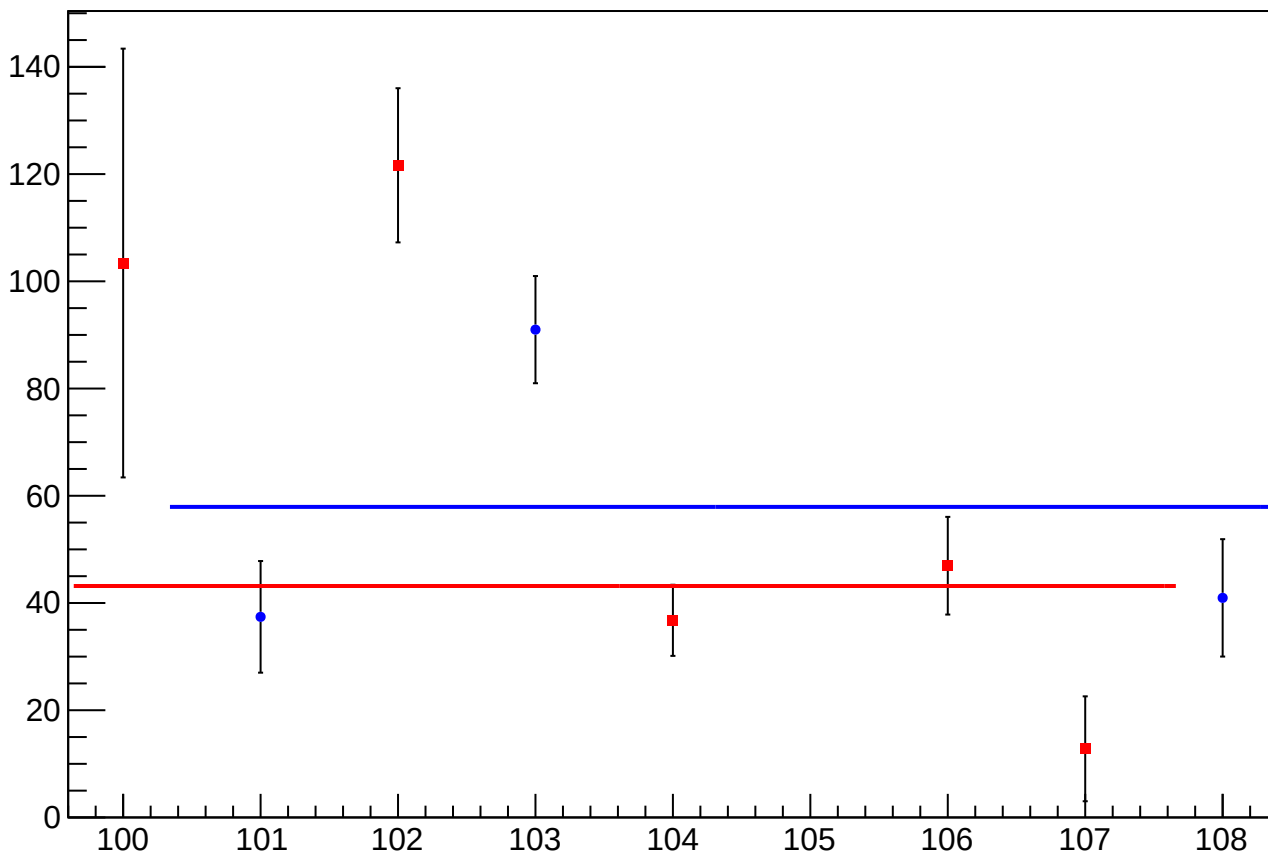
Right: -269.170+/-4.364 χ^2/NDF : 269.0/7

In: -285.655+/-6.585 χ^2/NDF : 202.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -269.170+/-4.364 χ^2/NDF : 269.0/7

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 57.926+/-6.022 χ^2/NDF : 17.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.170+/-4.442 χ^2/NDF : 42.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

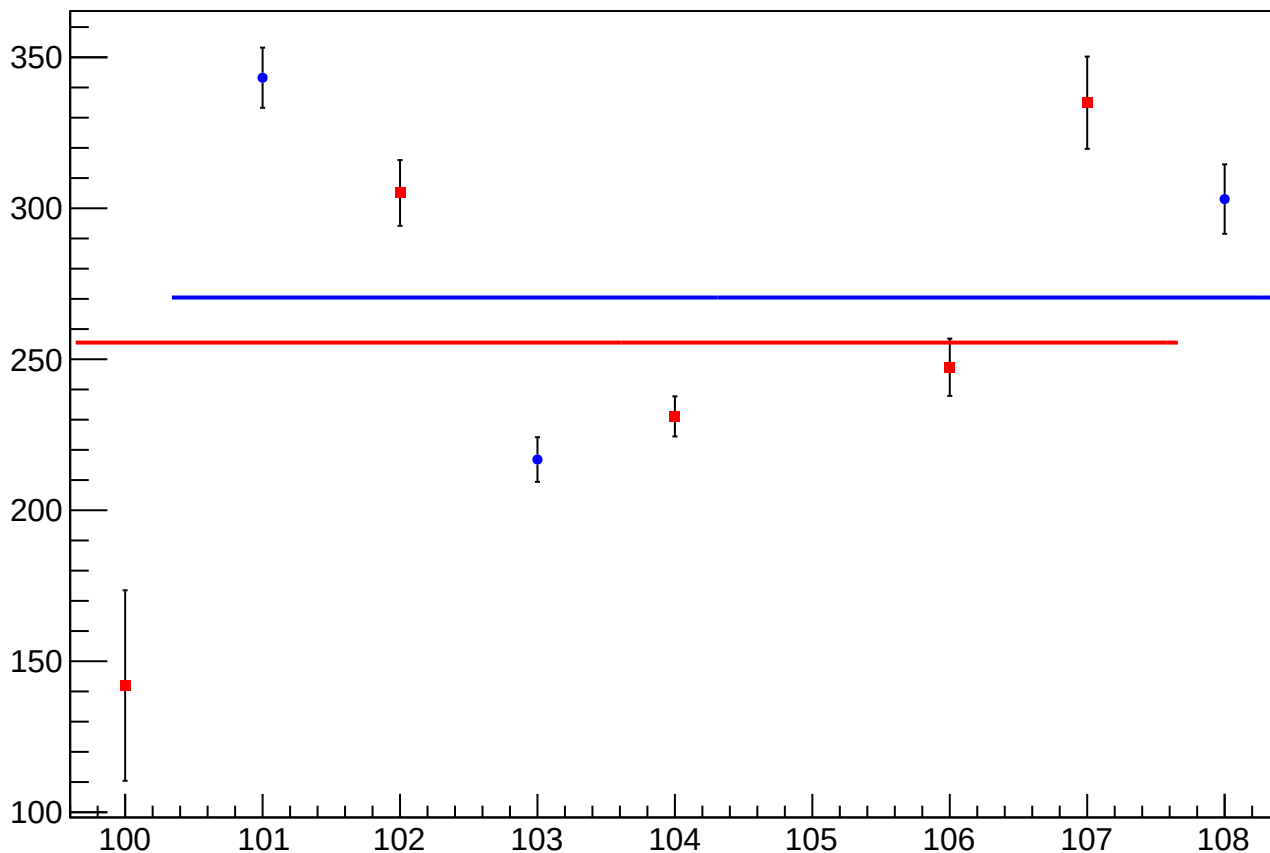
Right: 48.369+/-3.575 χ^2/NDF : 63.9/7

In: 57.926+/-6.022 χ^2/NDF : 17.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.369+/-3.575 χ^2/NDF : 63.9/7

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 270.453+/-5.277 χ^2/NDF : 114.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 255.533+/-4.589 χ^2/NDF : 75.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

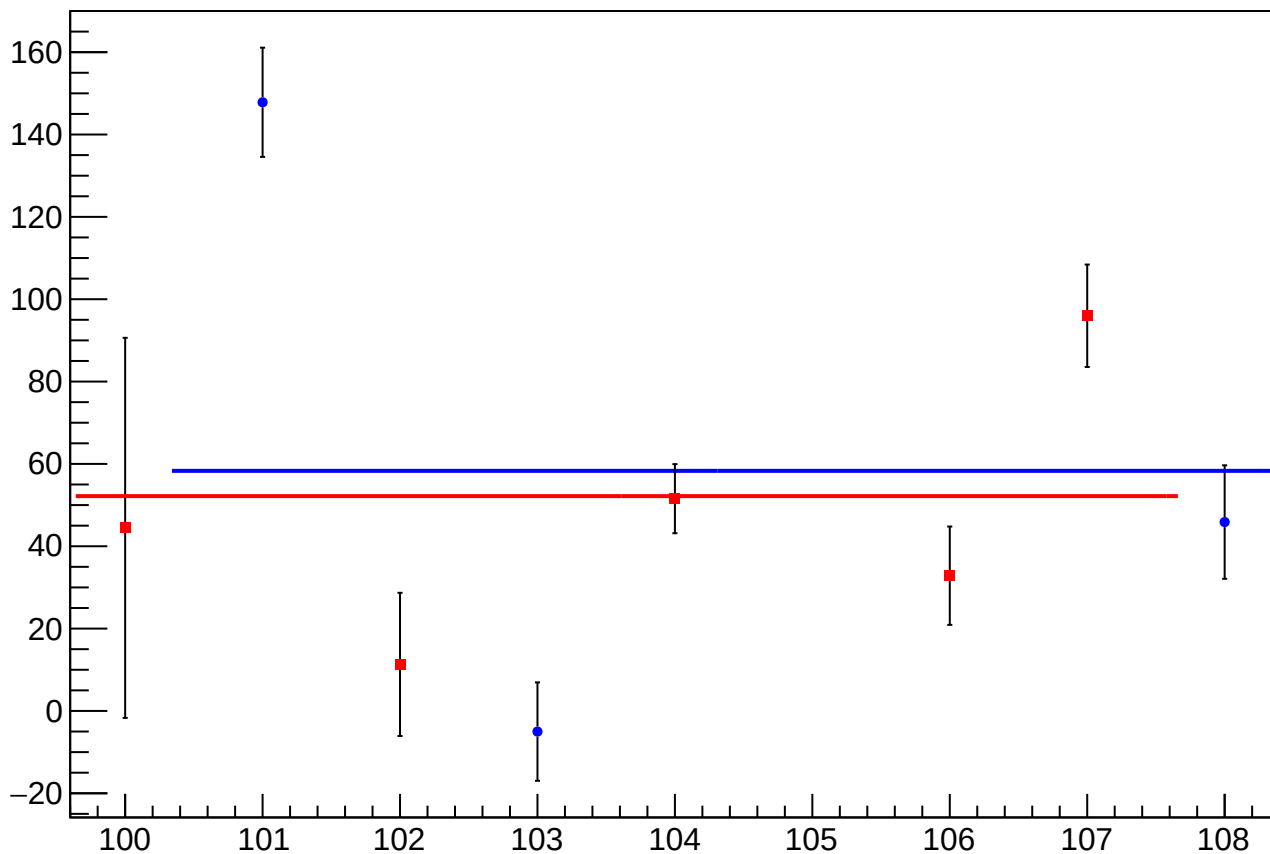
Right: 261.958+/-3.463 χ^2/NDF : 193.5/7

In: 270.453+/-5.277 χ^2/NDF : 114.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 261.958+/-3.463 χ^2/NDF : 193.5/7

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 58.313+/-7.464 χ^2/NDF : 74.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.176+/-5.640 χ^2/NDF : 20.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

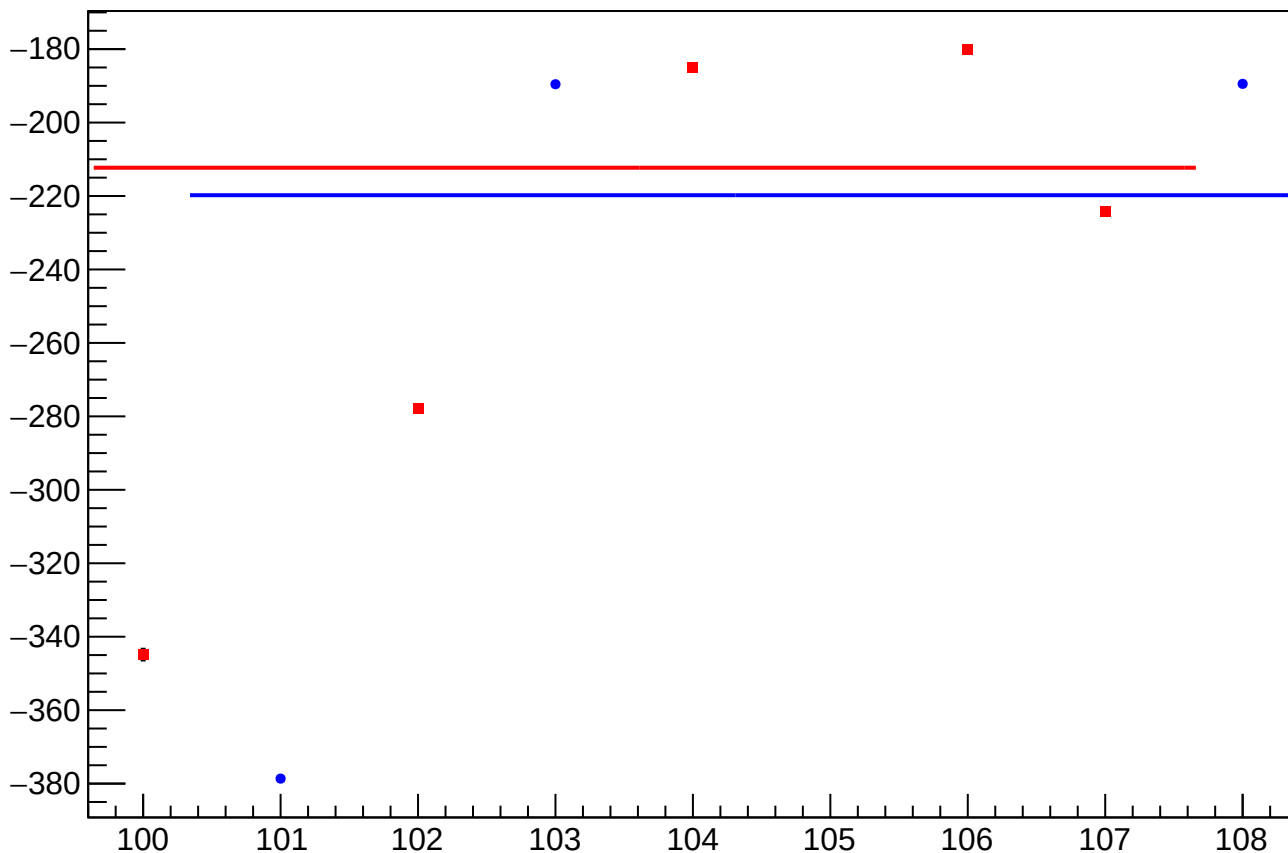
Right: 54.407+/-4.500 χ^2/NDF : 95.5/7

In: 58.313+/-7.464 χ^2/NDF : 74.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.407+/-4.500 χ^2/NDF : 95.5/7

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -219.782 $\pm$ 0.238 χ^2 /NDF: 84972.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -212.296 $\pm$ 0.220 χ^2 /NDF: 37493.2/4

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

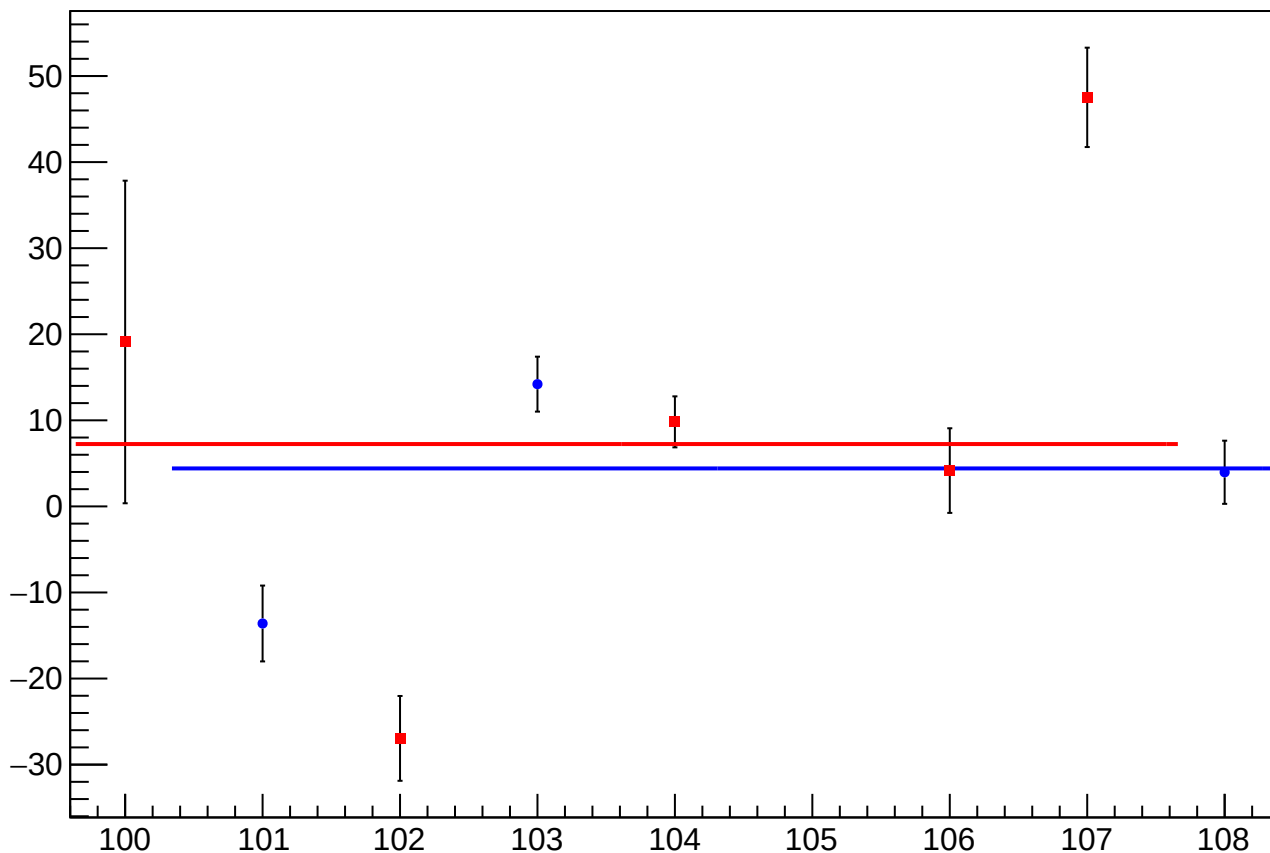
Right: -215.744 $\pm$ 0.161 χ^2 /NDF: 123000.2/7

In: -219.782 $\pm$ 0.238 χ^2 /NDF:84972.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -215.744 $\pm$ 0.161 χ^2 /NDF: 123000.2/7

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 4.411+/-2.113 χ^2/NDF : 26.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.243+/-2.088 χ^2/NDF : 98.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

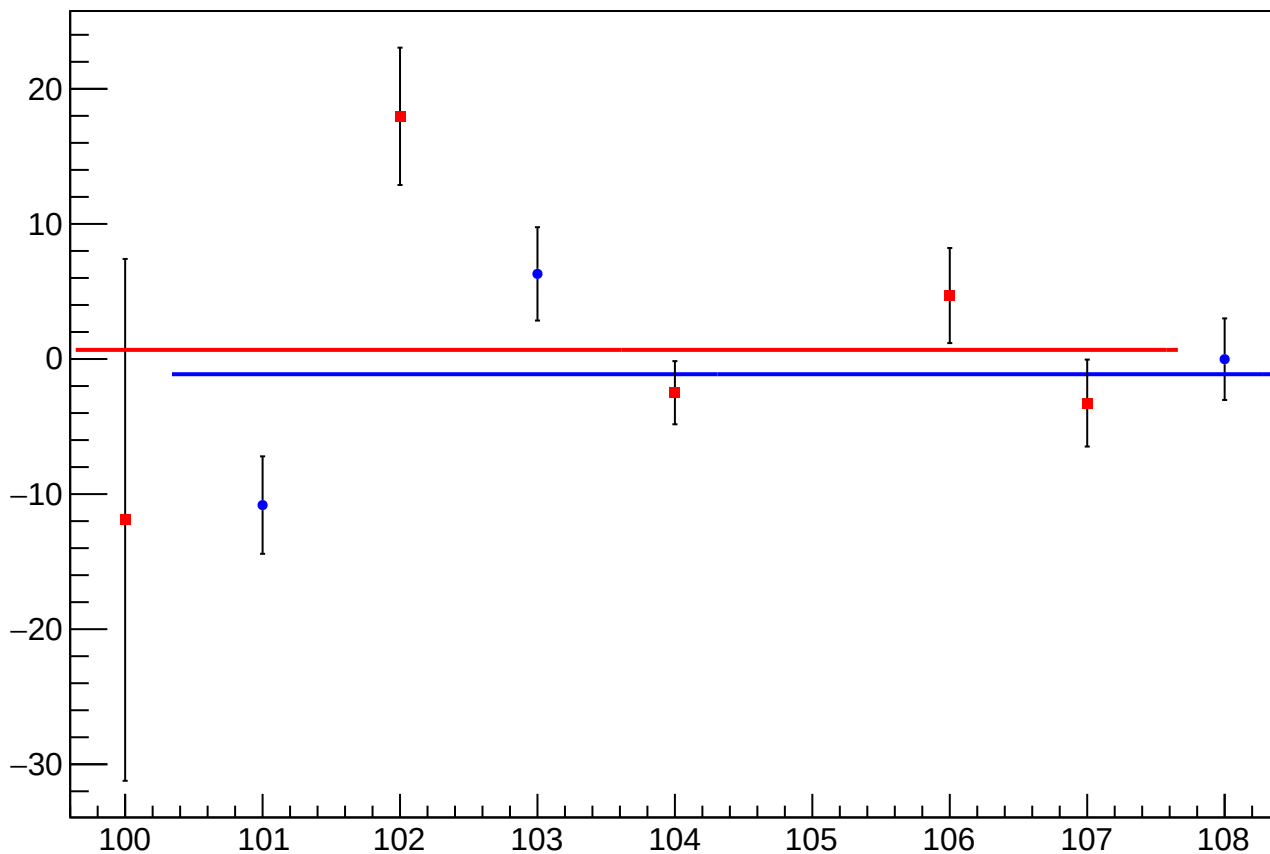
Right: 5.844+/-1.485 χ^2/NDF : 125.5/7

In: 4.411+/-2.113 χ^2/NDF : 26.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.844+/-1.485 χ^2/NDF : 125.5/7

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.126+/-1.924 χ^2 /NDF: 12.0/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.676+/-1.578 χ^2 /NDF: 16.6/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

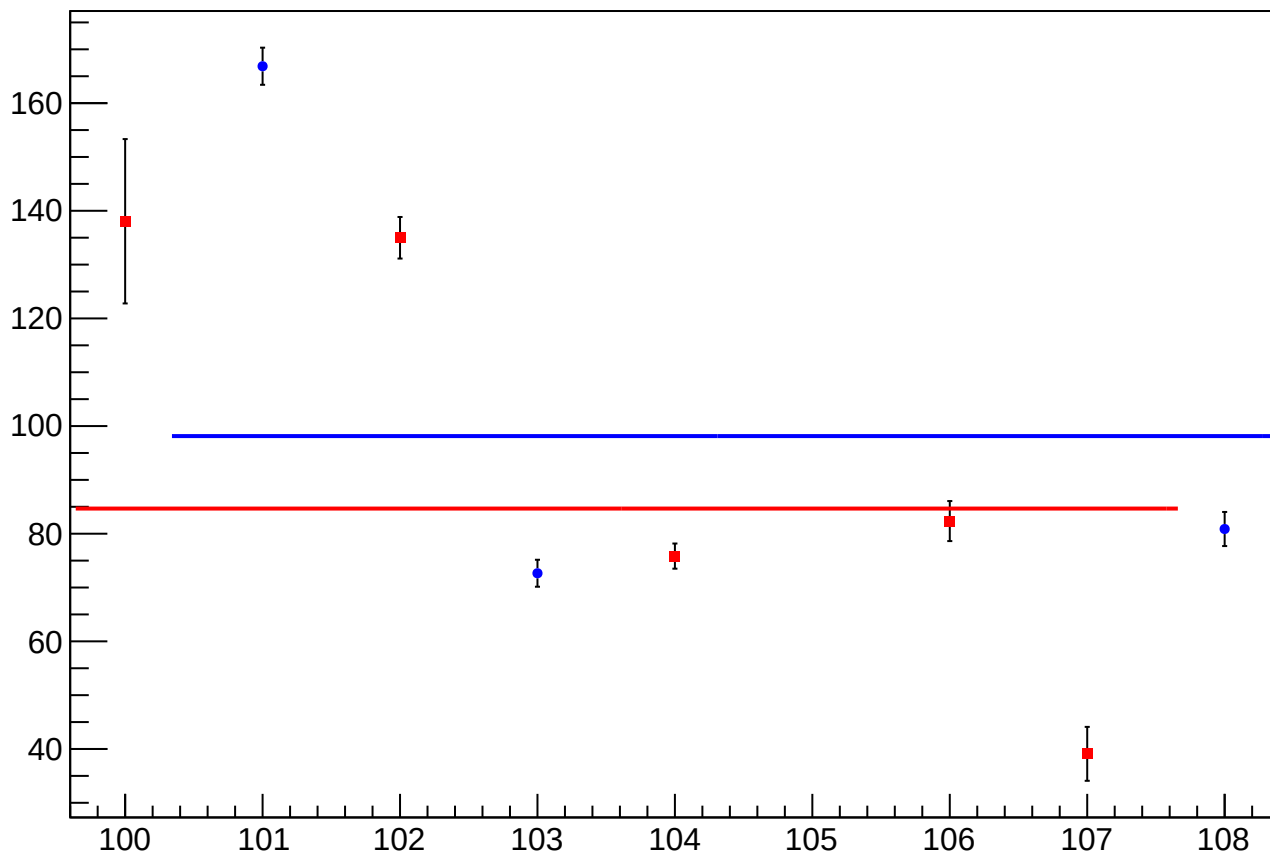
Right: -0.049+/-1.220 χ^2 /NDF: 29.1/7

In: -1.126+/-1.924 χ^2 /NDF:12.0/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.049+/-1.220 χ^2 /NDF: 29.1/7

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 98.138 $\pm$ 1.708 χ^2 /NDF: 530.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 84.671 $\pm$ 1.652 χ^2 /NDF: 279.4/4

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

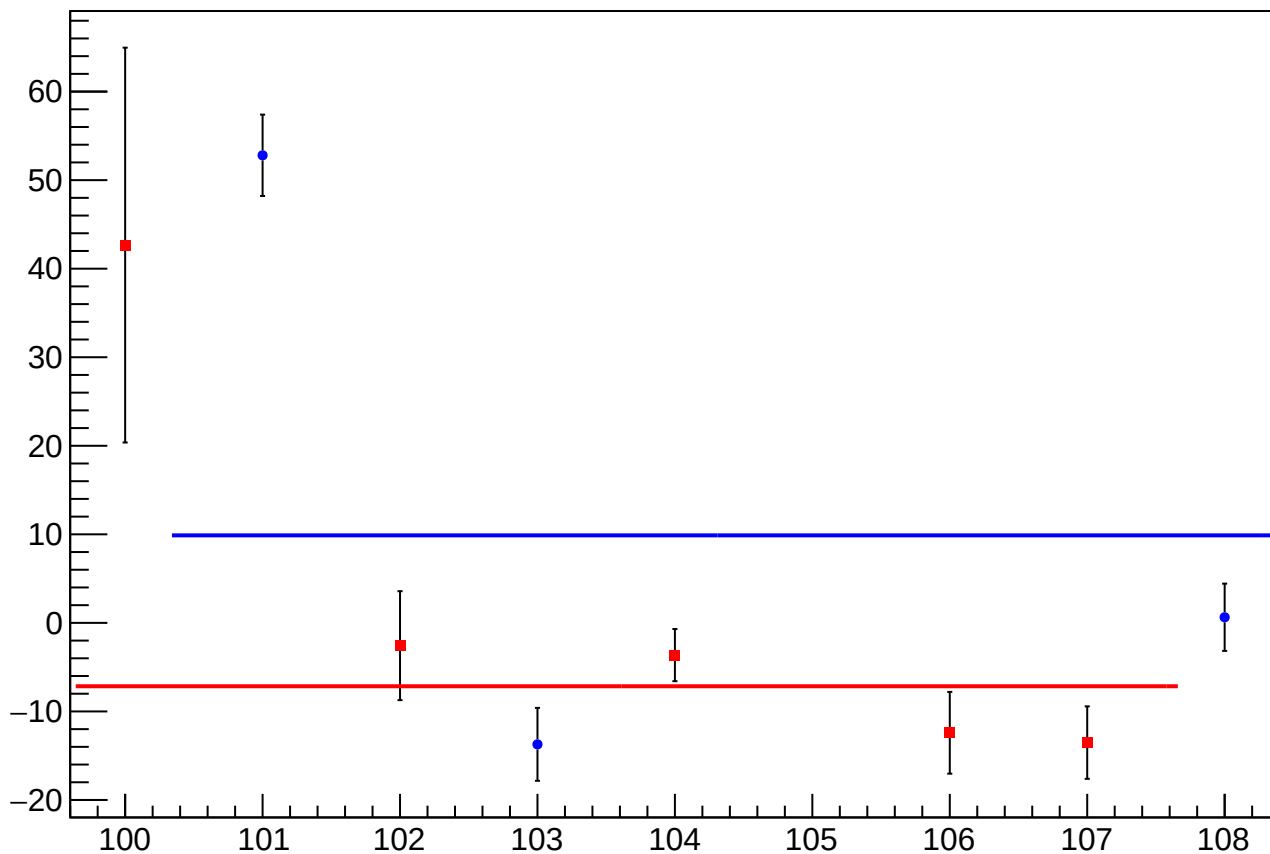
Right: 91.180 $\pm$ 1.187 χ^2 /NDF: 841.6/7

In: 98.138 $\pm$ 1.708 χ^2 /NDF: 530.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 91.180 $\pm$ 1.187 χ^2 /NDF: 841.6/7

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.884+/-2.386 χ^2/NDF : 126.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.158+/-1.999 χ^2/NDF : 10.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

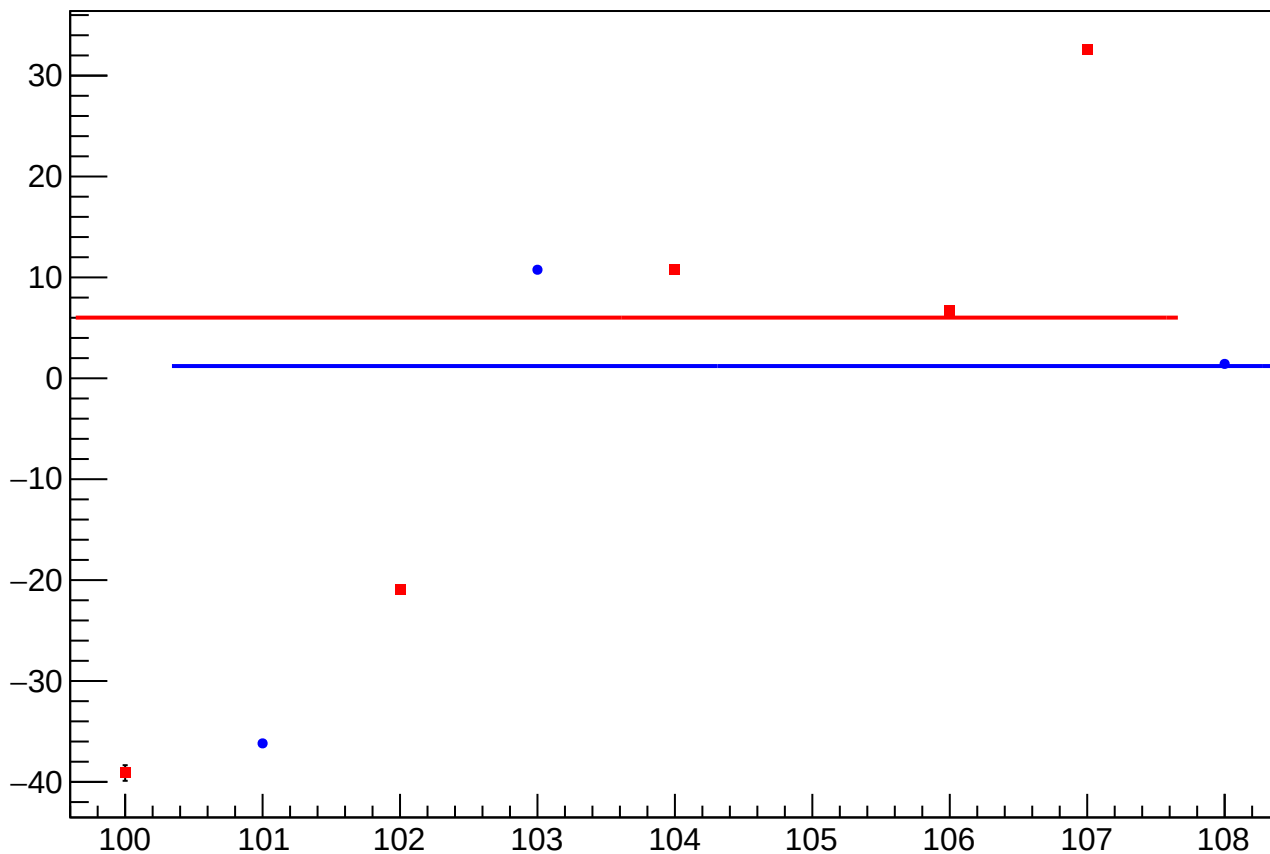
Right: -0.127+/-1.532 χ^2/NDF : 166.8/7

In: 9.884+/-2.386 χ^2/NDF : 126.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.127+/-1.532 χ^2/NDF : 166.8/7

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.215+/-0.076 χ^2/NDF : 41398.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.016+/-0.078 χ^2/NDF : 48251.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

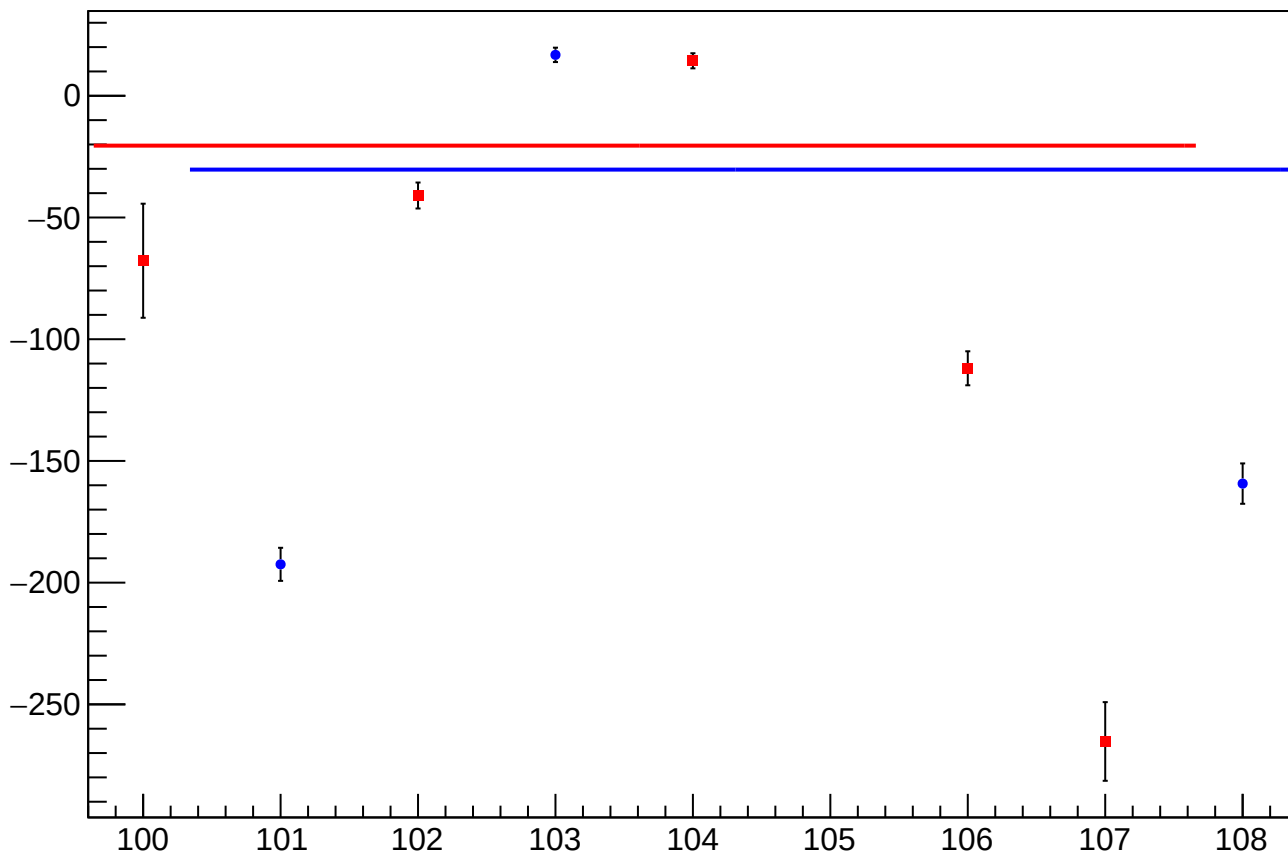
Right: 3.547+/-0.054 χ^2/NDF : 91605.9/7

In: 1.215+/-0.076 χ^2/NDF : 41398.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.547+/-0.054 χ^2/NDF : 91605.9/7

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -30.322+/-2.577 χ^2/NDF : 1066.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.476+/-2.461 χ^2/NDF : 545.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

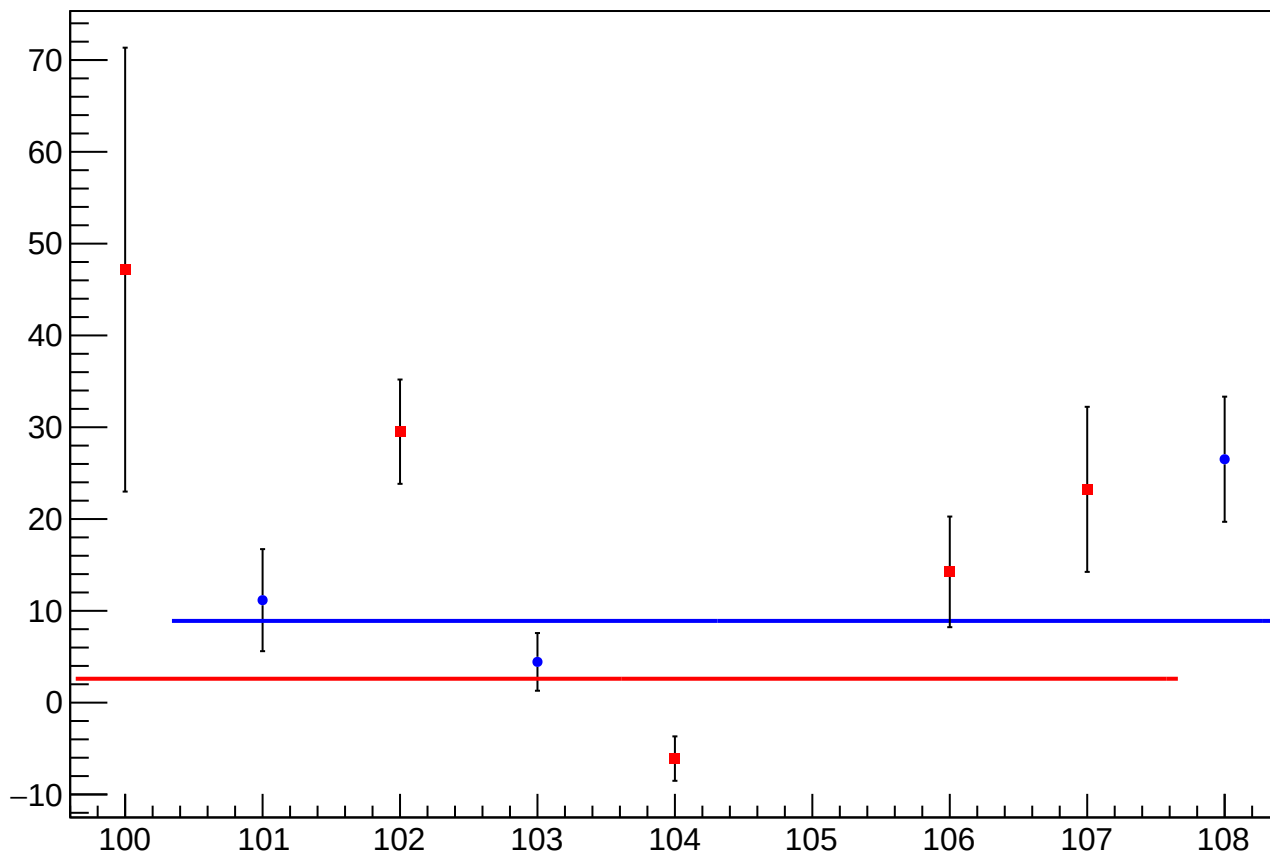
Right: -25.173+/-1.780 χ^2/NDF : 1619.7/7

In: -30.322+/-2.577 χ^2/NDF : 1066.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.173+/-1.780 χ^2/NDF : 1619.7/7

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.903+/-2.539 χ^2/NDF : 8.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.603+/-2.027 χ^2/NDF : 47.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

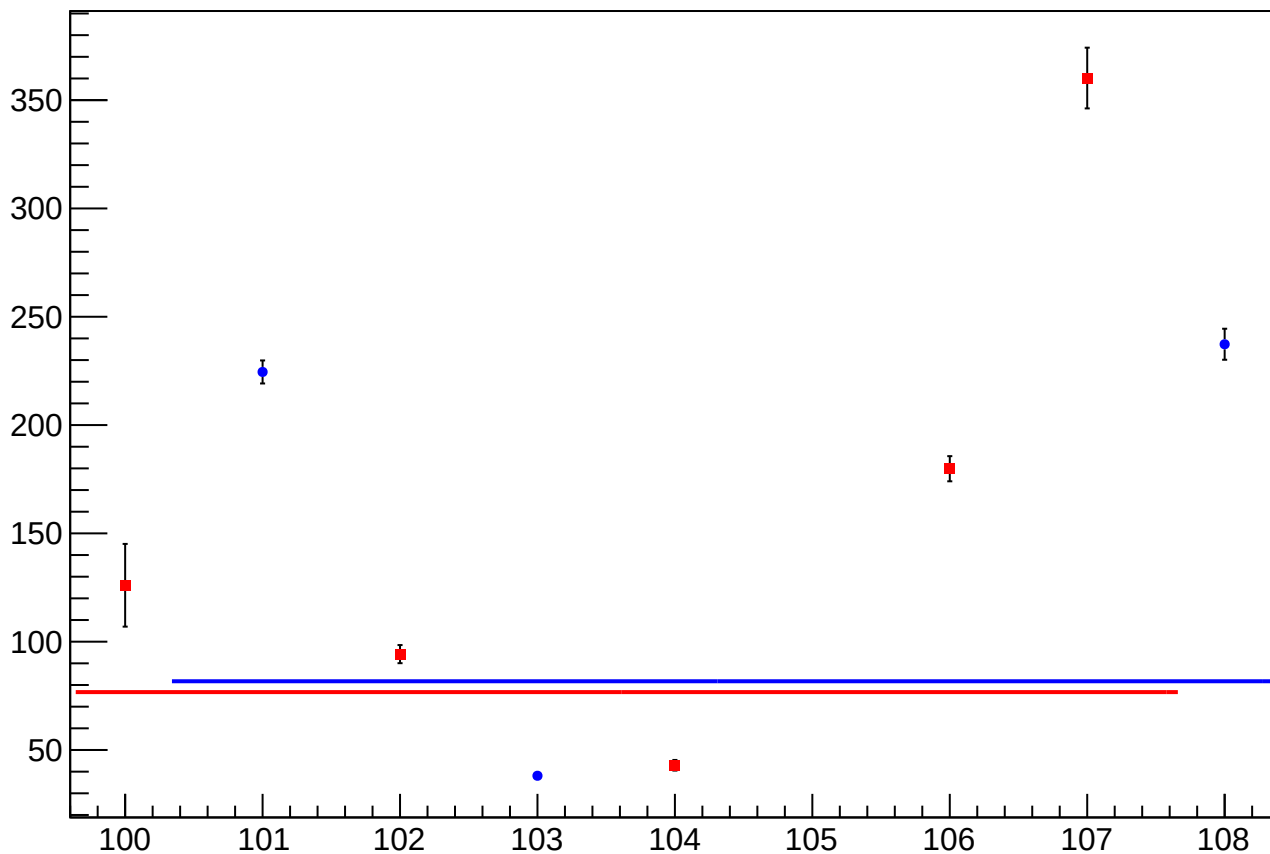
Right: 5.056+/-1.584 χ^2/NDF : 60.4/7

In: 8.903+/-2.539 χ^2/NDF : 8.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.056+/-1.584 χ^2/NDF : 60.4/7

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 81.727+/-2.040 χ^2/NDF : 1546.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.722+/-1.956 χ^2/NDF : 938.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

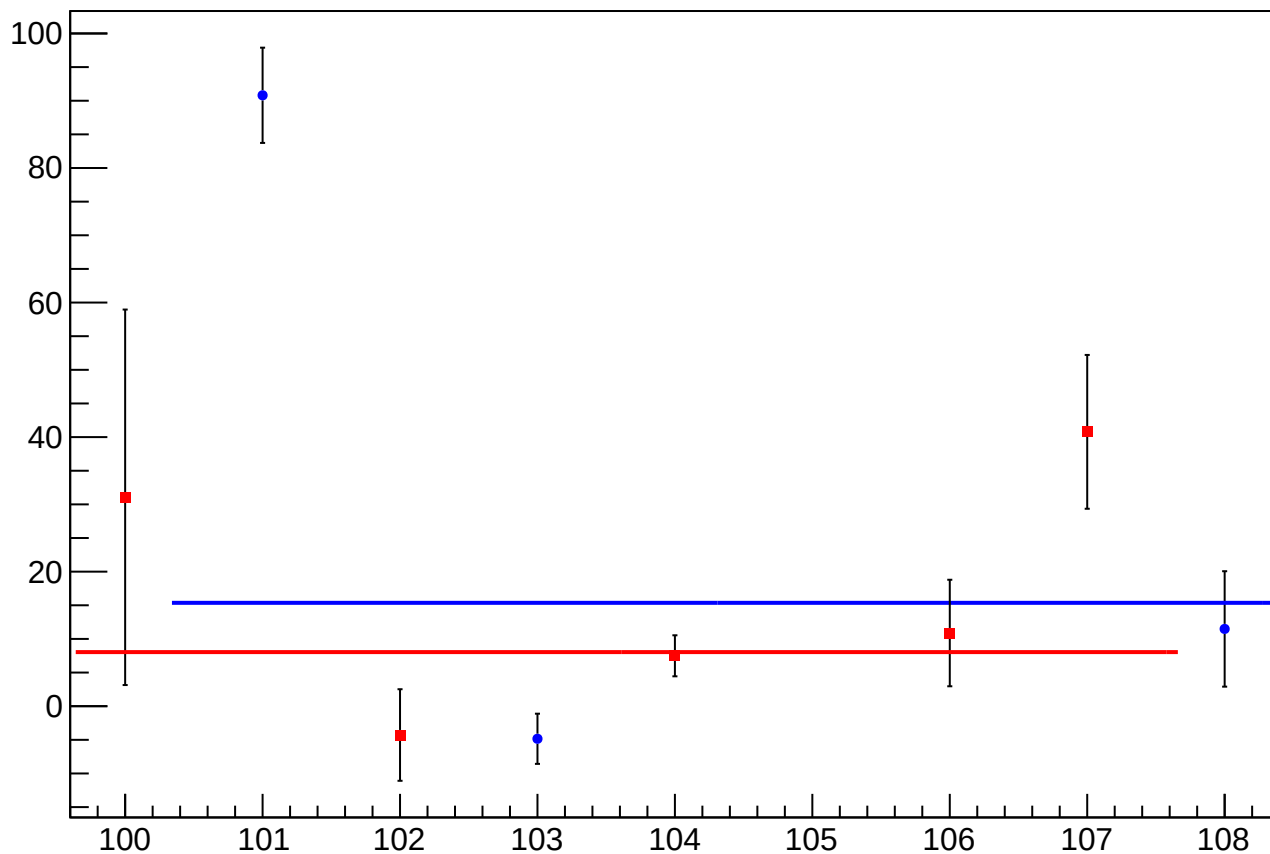
Right: 79.120+/-1.412 χ^2/NDF : 2488.4/7

In: 81.727+/-2.040 χ^2/NDF : 1546.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.120+/-1.412 χ^2/NDF : 2488.4/7

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.366+/-3.080 χ^2/NDF : 143.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.041+/-2.548 χ^2/NDF : 12.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

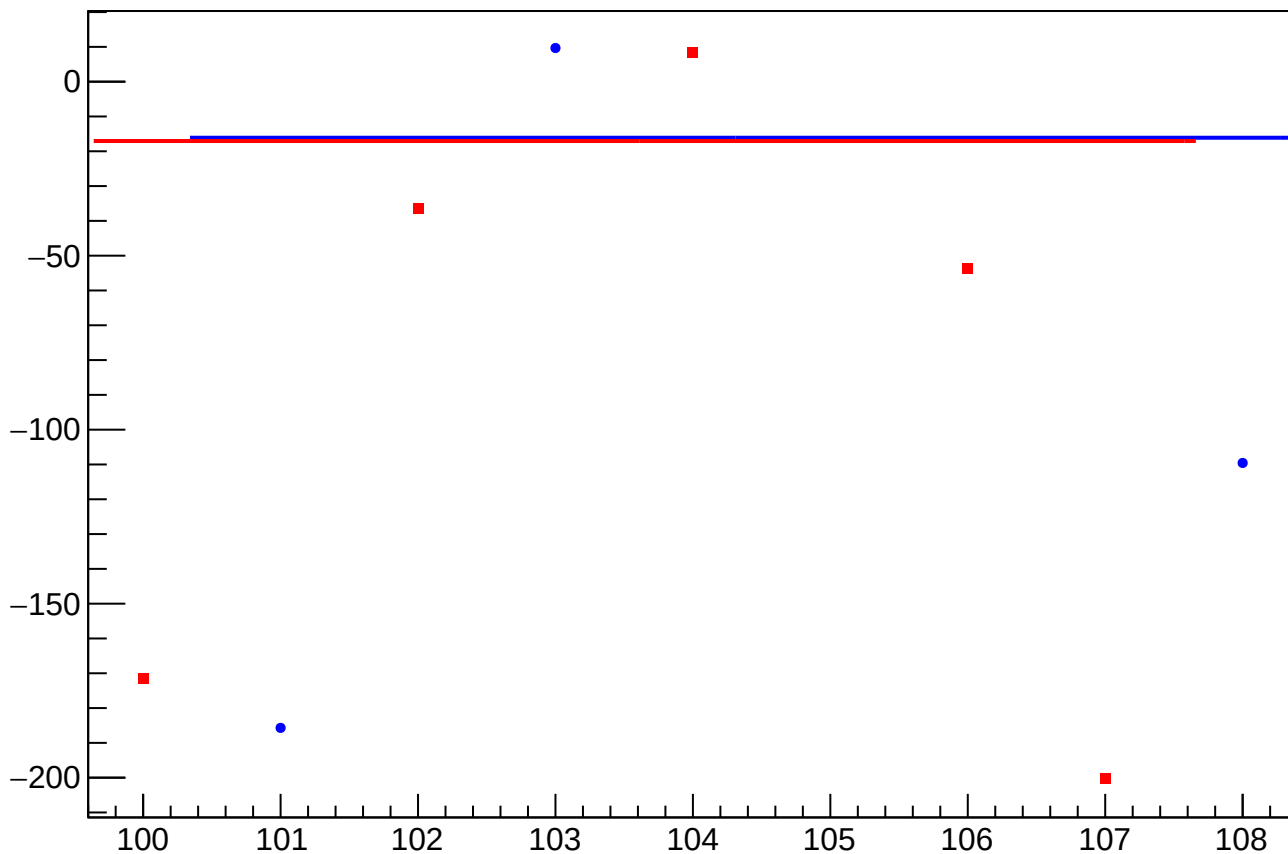
Right: 11.018+/-1.963 χ^2/NDF : 158.8/7

In: 15.366+/-3.080 χ^2/NDF : 143.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.018+/-1.963 χ^2/NDF : 158.8/7

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.110 $\pm$ 0.088 χ^2 /NDF: 459151.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -17.051 $\pm$ 0.090 χ^2 /NDF: 208292.8/4

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

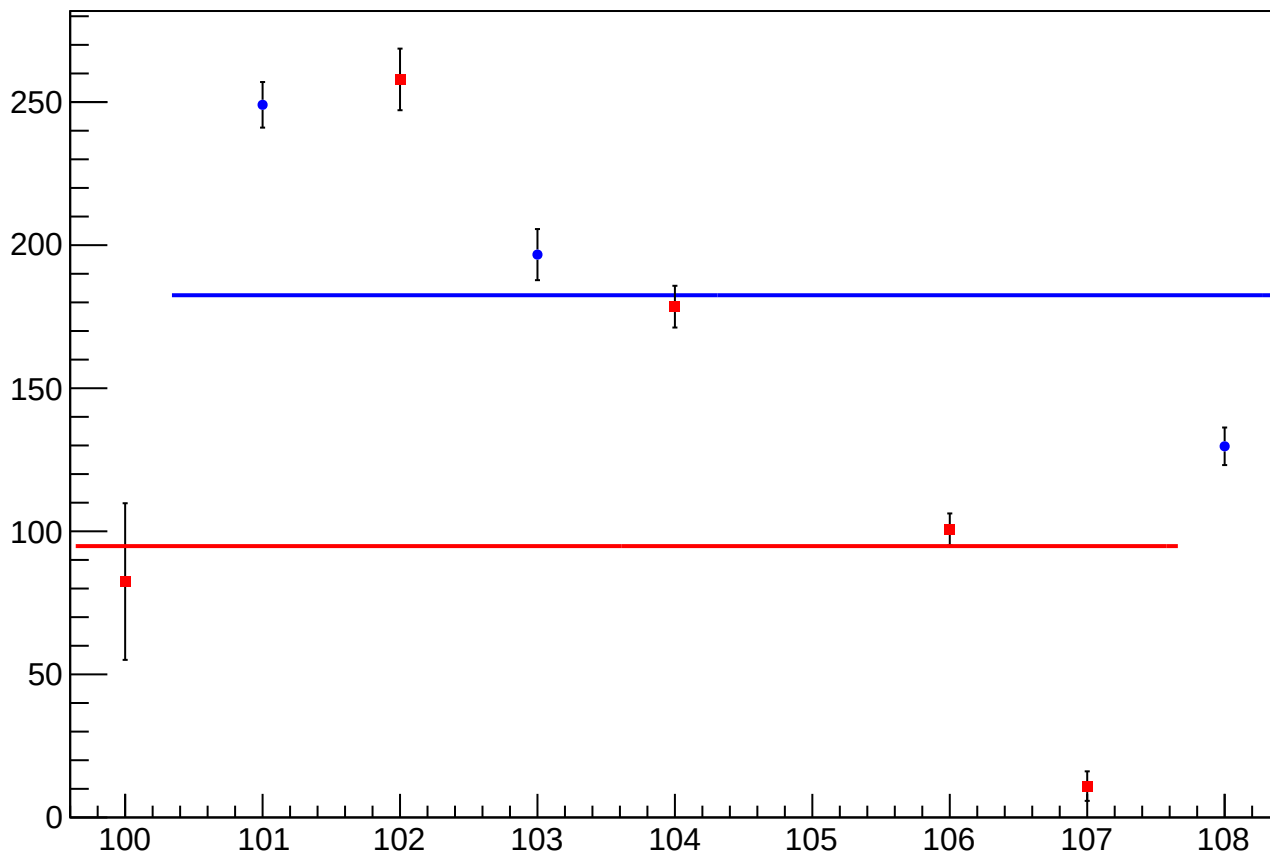
Right: -16.572 $\pm$ 0.063 χ^2 /NDF: 667500.5/7

In: -16.110 $\pm$ 0.088 χ^2 /NDF: 459151.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -16.572 $\pm$ 0.063 χ^2 /NDF: 667500.5/7

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 182.501 $\pm$ 4.407 χ^2 /NDF: 137.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 94.830 $\pm$ 3.189 χ^2 /NDF: 626.8/4

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

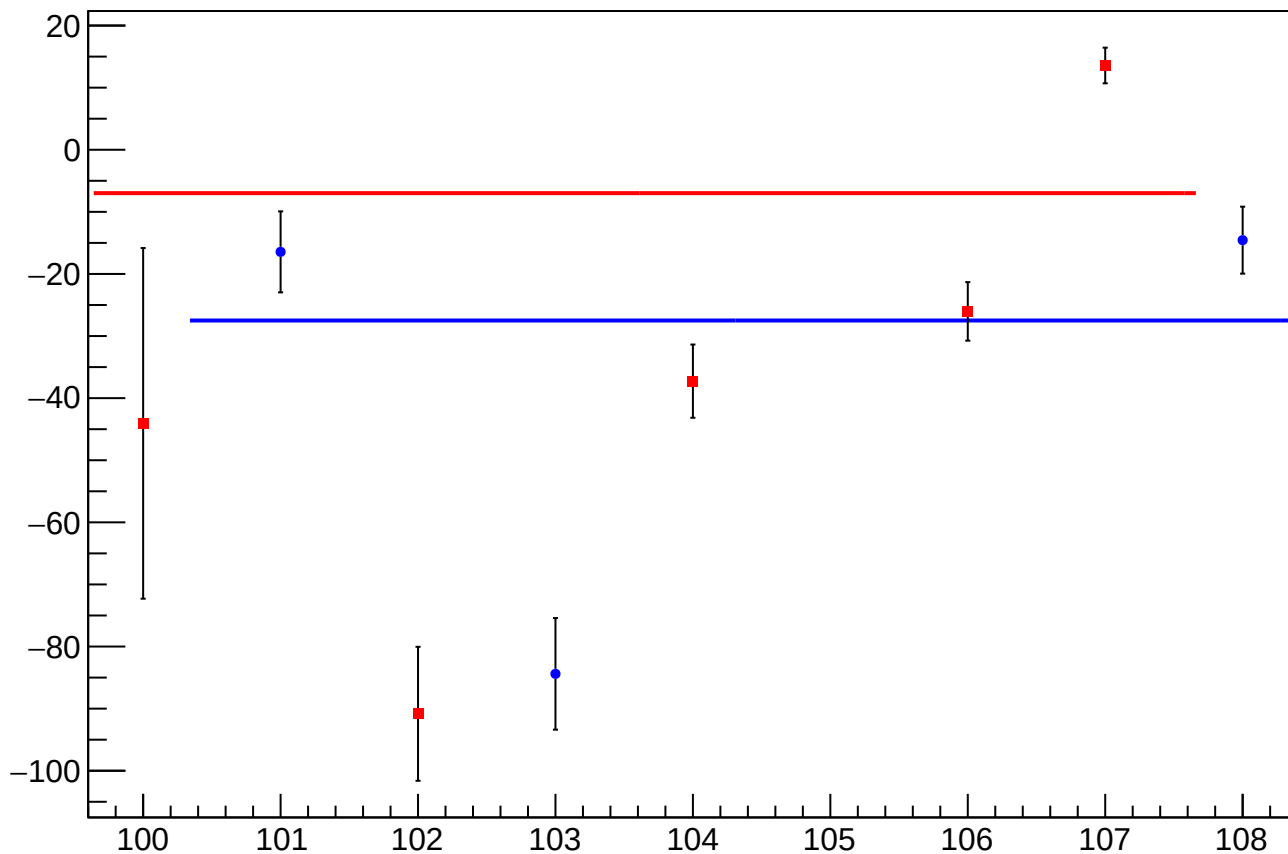
Right: 124.964 $\pm$ 2.583 χ^2 /NDF: 1023.5/7

In: 182.501 $\pm$ 4.407 χ^2 /NDF:137.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 124.964 $\pm$ 2.583 χ^2 /NDF: 1023.5/7

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -27.496 $\pm$ 3.772 χ^2 /NDF: 48.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -6.988 $\pm$ 2.209 χ^2 /NDF: 156.1/4

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

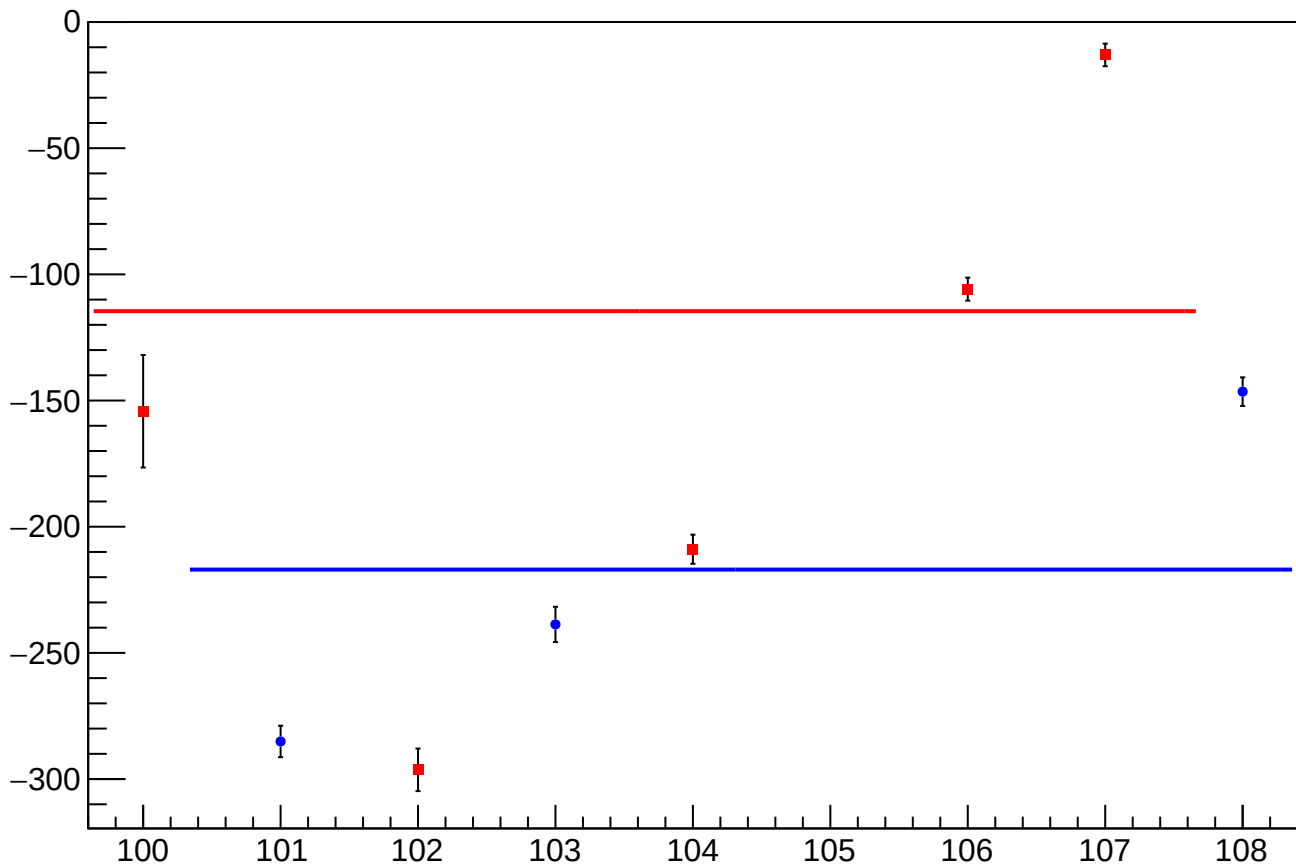
Right: -12.225 $\pm$ 1.906 χ^2 /NDF: 226.8/7

In: -27.496 $\pm$ 3.772 χ^2 /NDF:48.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -12.225 $\pm$ 1.906 χ^2 /NDF: 226.8/7

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -216.981+/-3.597 χ^2/NDF : 283.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -114.589+/-2.634 χ^2/NDF : 1254.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

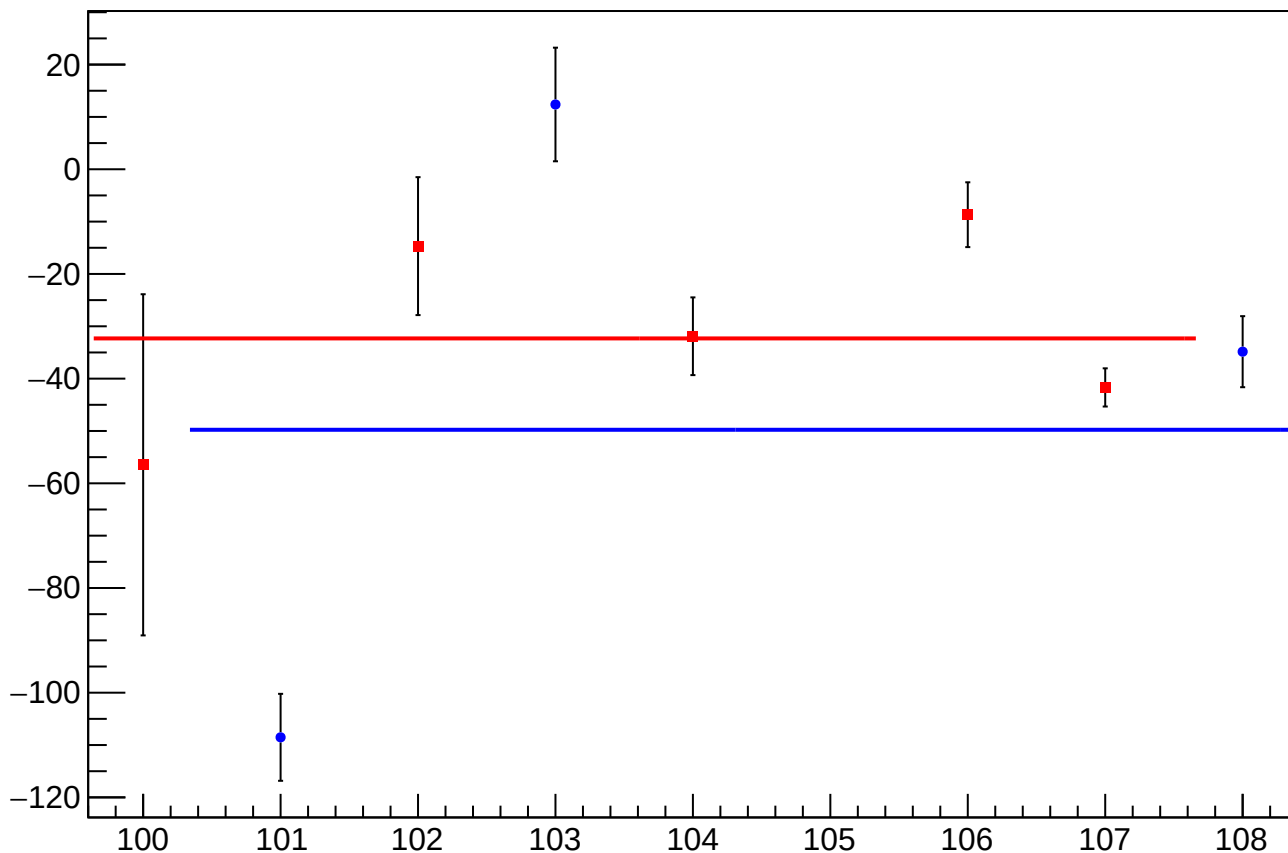
Right: -150.327+/-2.125 χ^2/NDF : 2065.9/7

In: -216.981+/-3.597 χ^2/NDF : 283.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -150.327+/-2.125 χ^2/NDF : 2065.9/7

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -49.772 $\pm$ 4.730 χ^2 /NDF: 87.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -32.318 $\pm$ 2.817 χ^2 /NDF: 23.5/4

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

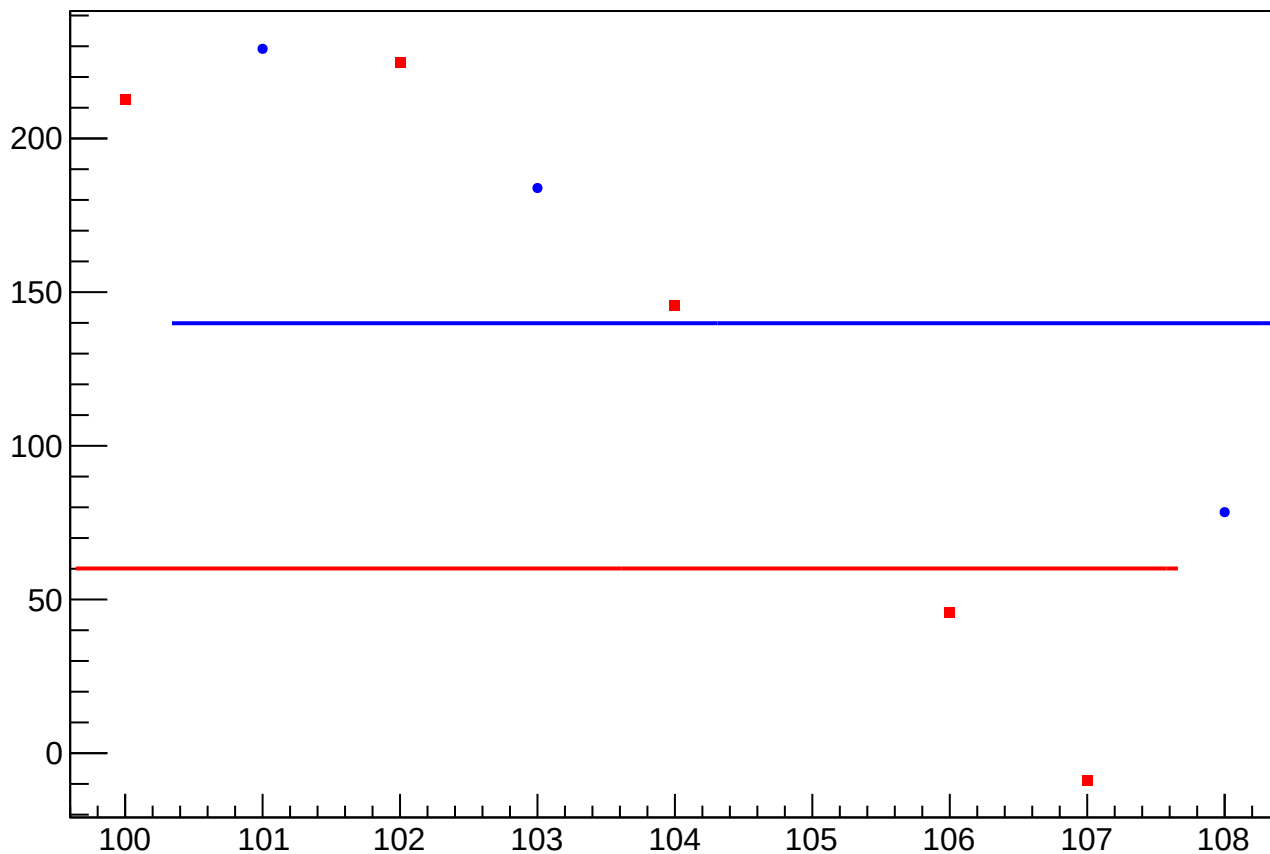
Right: -36.886 $\pm$ 2.420 χ^2 /NDF: 121.2/7

In: -49.772 $\pm$ 4.730 χ^2 /NDF:87.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -36.886 $\pm$ 2.420 χ^2 /NDF: 121.2/7

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 139.888 $\pm$ 0.164 χ^2 /NDF: 149399.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 60.091 $\pm$ 0.118 χ^2 /NDF: 455533.5/4

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

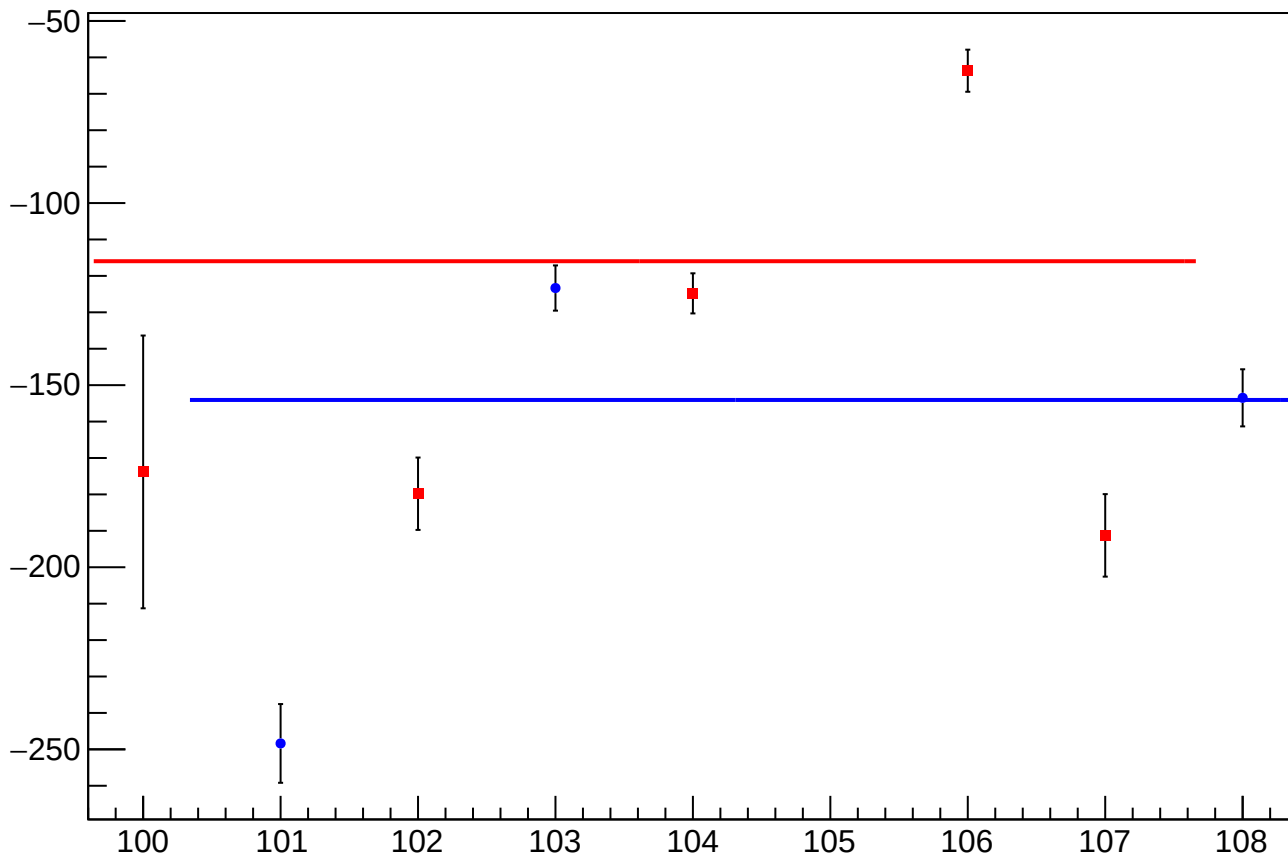
Right: 87.226 $\pm$ 0.096 χ^2 /NDF: 760479.0/7

In: 139.888 $\pm$ 0.164 χ^2 /NDF:149399.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 87.226 $\pm$ 0.096 χ^2 /NDF: 760479.0/7

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -154.066+/-4.438 χ^2/NDF : 100.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -115.967+/-3.502 χ^2/NDF : 172.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

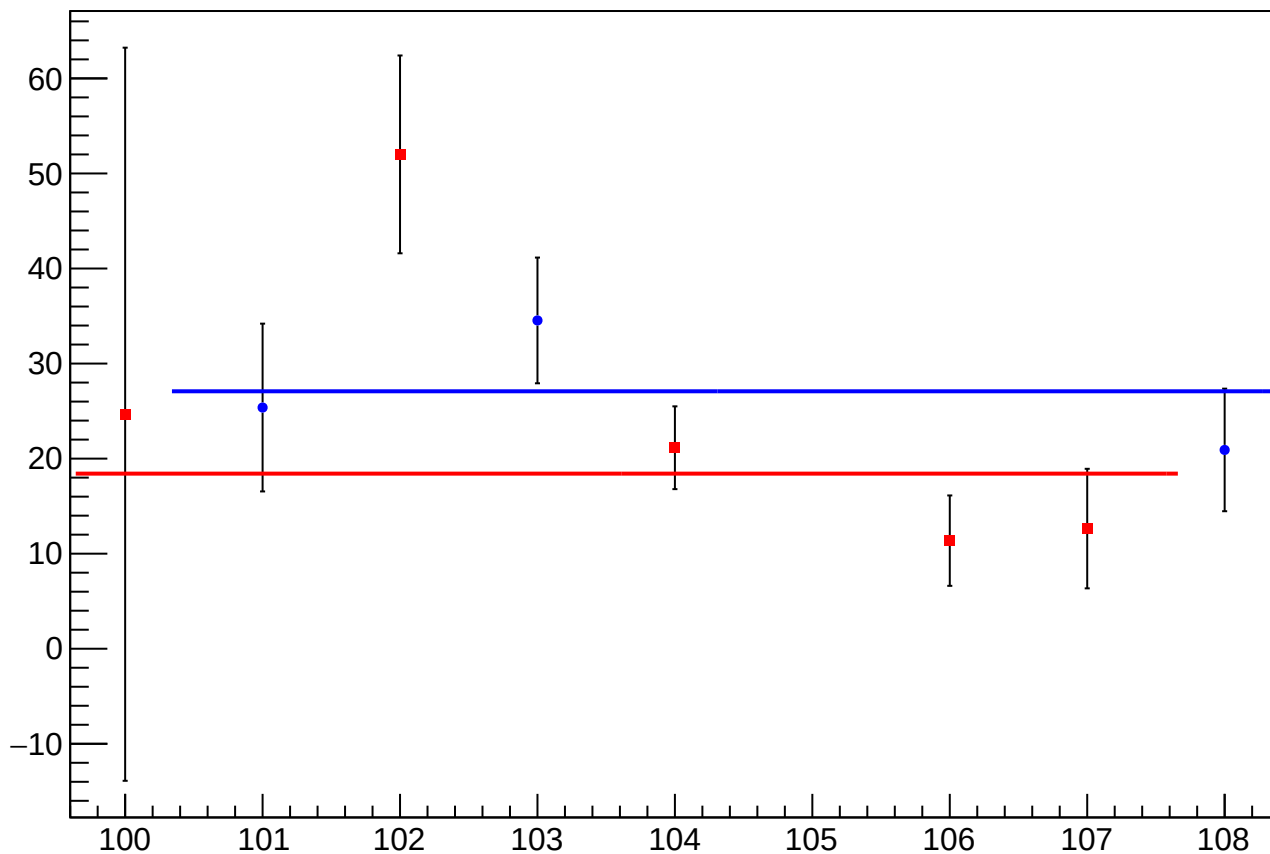
Right: -130.584+/-2.749 χ^2/NDF : 318.4/7

In: -154.066+/-4.438 χ^2/NDF : 100.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -130.584+/-2.749 χ^2/NDF : 318.4/7

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 27.084 $\pm$ 4.091 χ^2 /NDF: 2.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 18.421 $\pm$ 2.751 χ^2 /NDF: 13.9/4

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

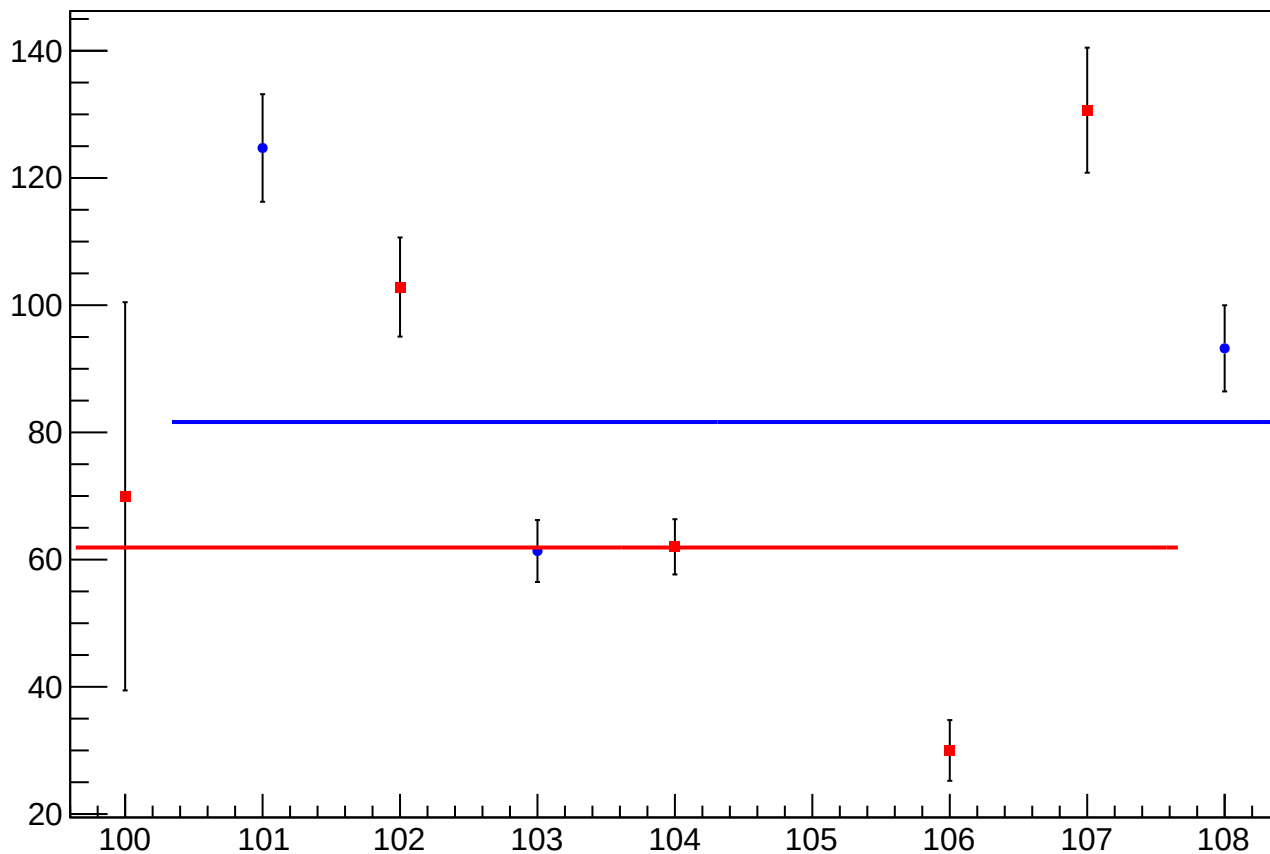
Right: 21.118 $\pm$ 2.283 χ^2 /NDF: 19.2/7

In: 27.084 $\pm$ 4.091 χ^2 /NDF:2.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 21.118 $\pm$ 2.283 χ^2 /NDF: 19.2/7

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 81.631+/-3.582 χ^2/NDF : 46.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.902+/-2.831 χ^2/NDF : 121.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

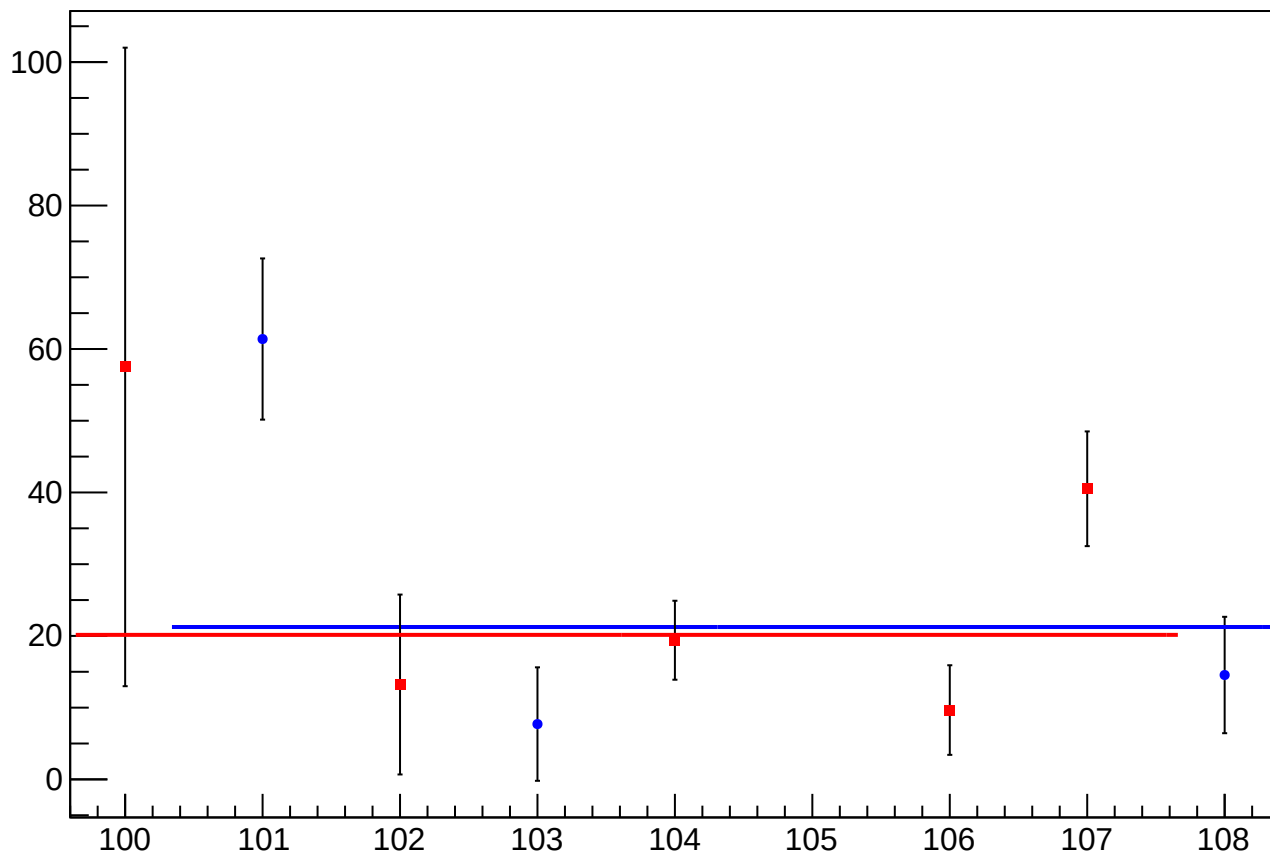
Right: 69.486+/-2.221 χ^2/NDF : 186.2/7

In: 81.631+/-3.582 χ^2/NDF : 46.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.486+/-2.221 χ^2/NDF : 186.2/7

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 21.242+/-5.057 χ^2/NDF : 16.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.146+/-3.511 χ^2/NDF : 10.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

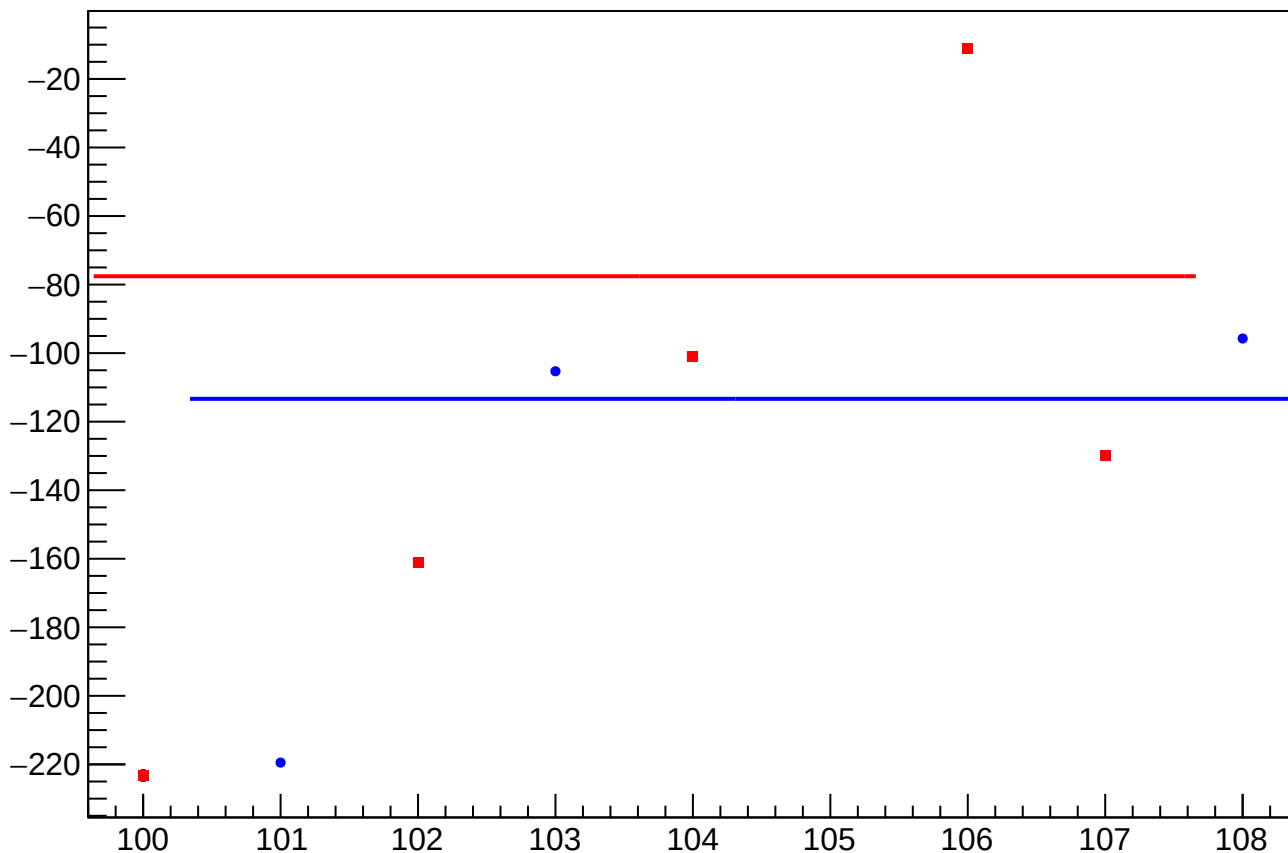
Right: 20.503+/-2.884 χ^2/NDF : 26.7/7

In: 21.242+/-5.057 χ^2/NDF : 16.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.503+/-2.884 χ^2/NDF : 26.7/7

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -113.336+/-0.157 χ^2/NDF : 50177.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -77.571+/-0.126 χ^2/NDF : 211593.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

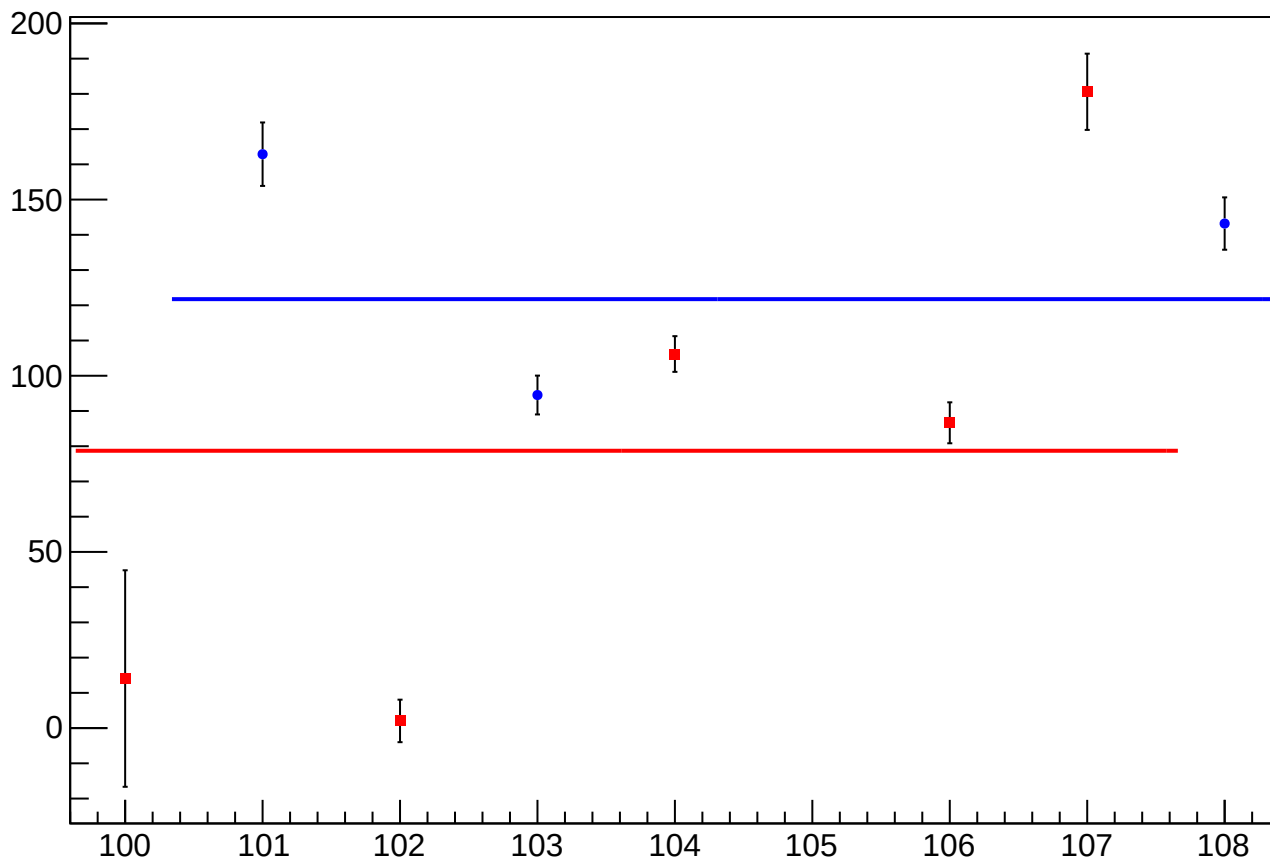
Right: -91.581+/-0.098 χ^2/NDF : 293536.8/7

In: -113.336+/-0.157 χ^2/NDF : 50177.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -91.581+/-0.098 χ^2/NDF : 293536.8/7

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 121.741+/-3.973 χ^2/NDF : 53.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.711+/-3.076 χ^2/NDF : 286.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

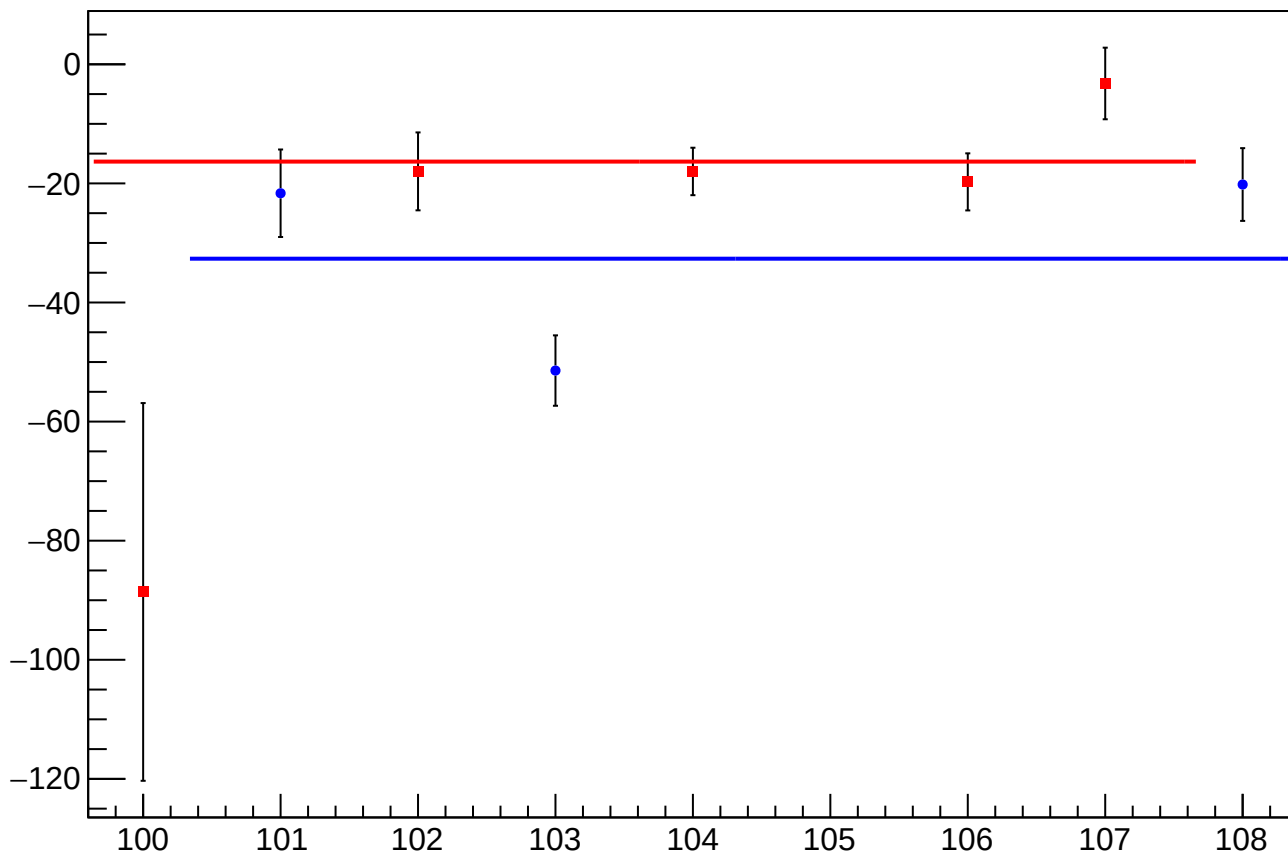
Right: 94.841+/-2.432 χ^2/NDF : 412.9/7

In: 121.741+/-3.973 χ^2/NDF : 53.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.841+/-2.432 χ^2/NDF : 412.9/7

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -32.644+/-3.678 χ^2/NDF : 16.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.338+/-2.511 χ^2/NDF : 10.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

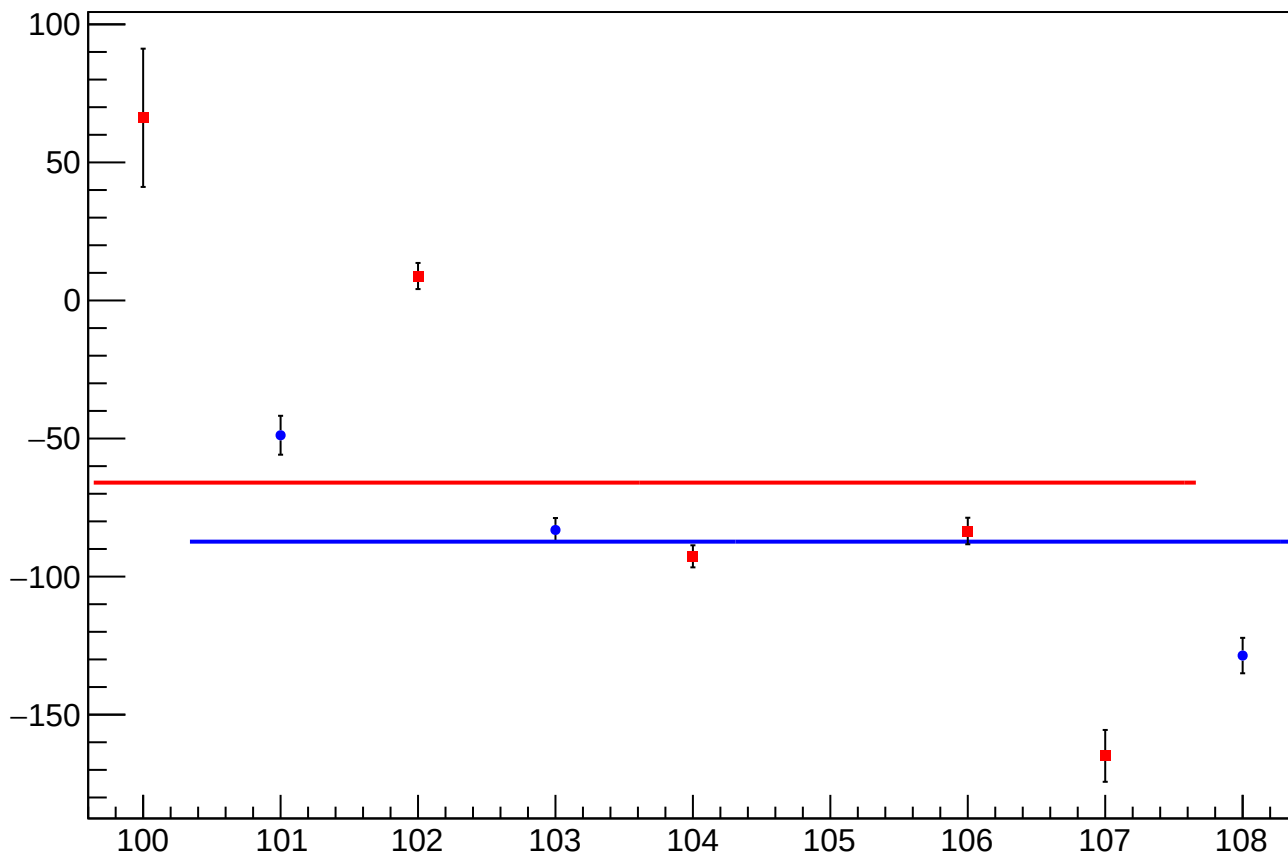
Right: -21.524+/-2.074 χ^2/NDF : 40.6/7

In: -32.644+/-3.678 χ^2/NDF : 16.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.524+/-2.074 χ^2/NDF : 40.6/7

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -87.343 ± 3.196 χ^2/NDF : 72.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -65.966 ± 2.472 χ^2/NDF : 447.1/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

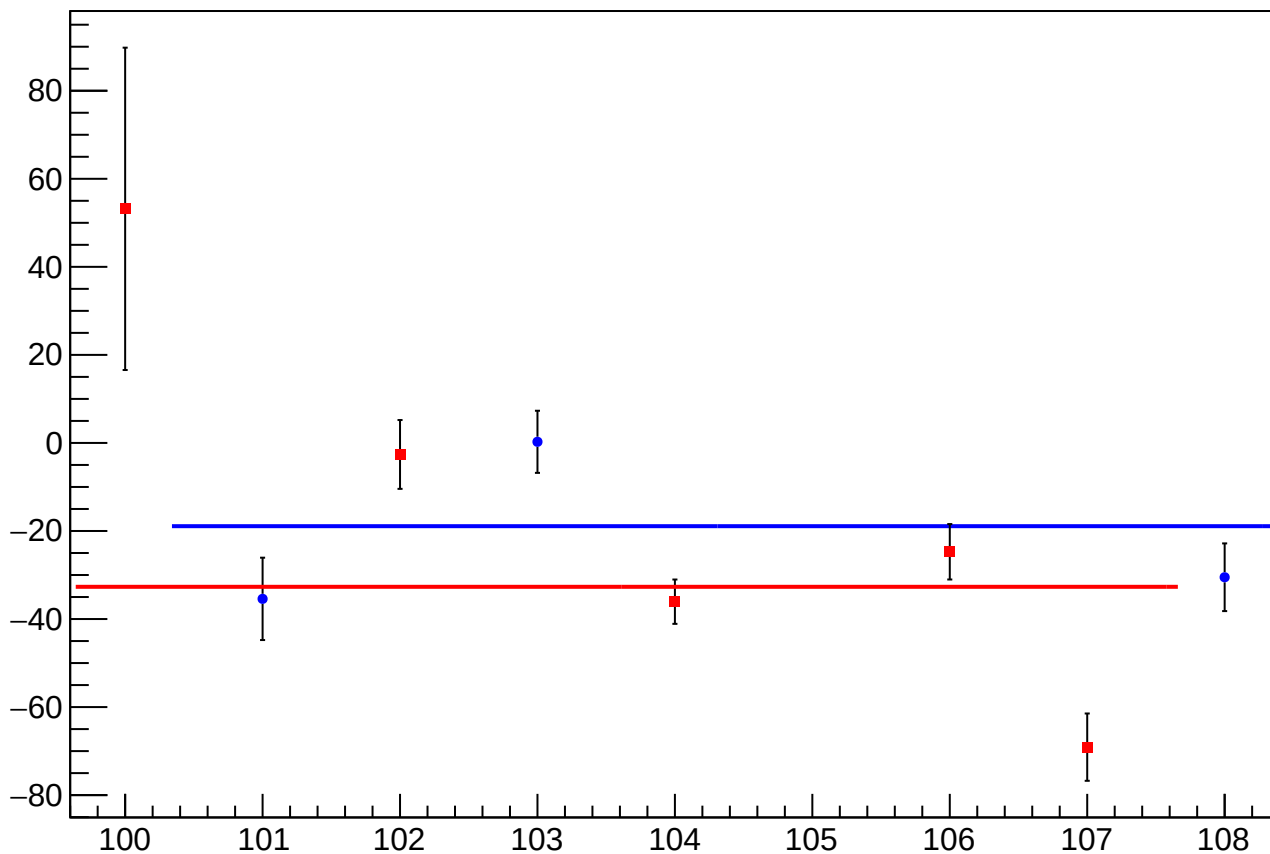
Right: -73.967 ± 1.955 χ^2/NDF : 547.3/7

In: -87.343 ± 3.196 χ^2/NDF : 72.2/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -73.967 ± 1.955 χ^2/NDF : 547.3/7

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -18.910 $\pm$ 4.544 χ^2 /NDF: 12.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -32.680 $\pm$ 3.180 χ^2 /NDF: 45.0/4

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

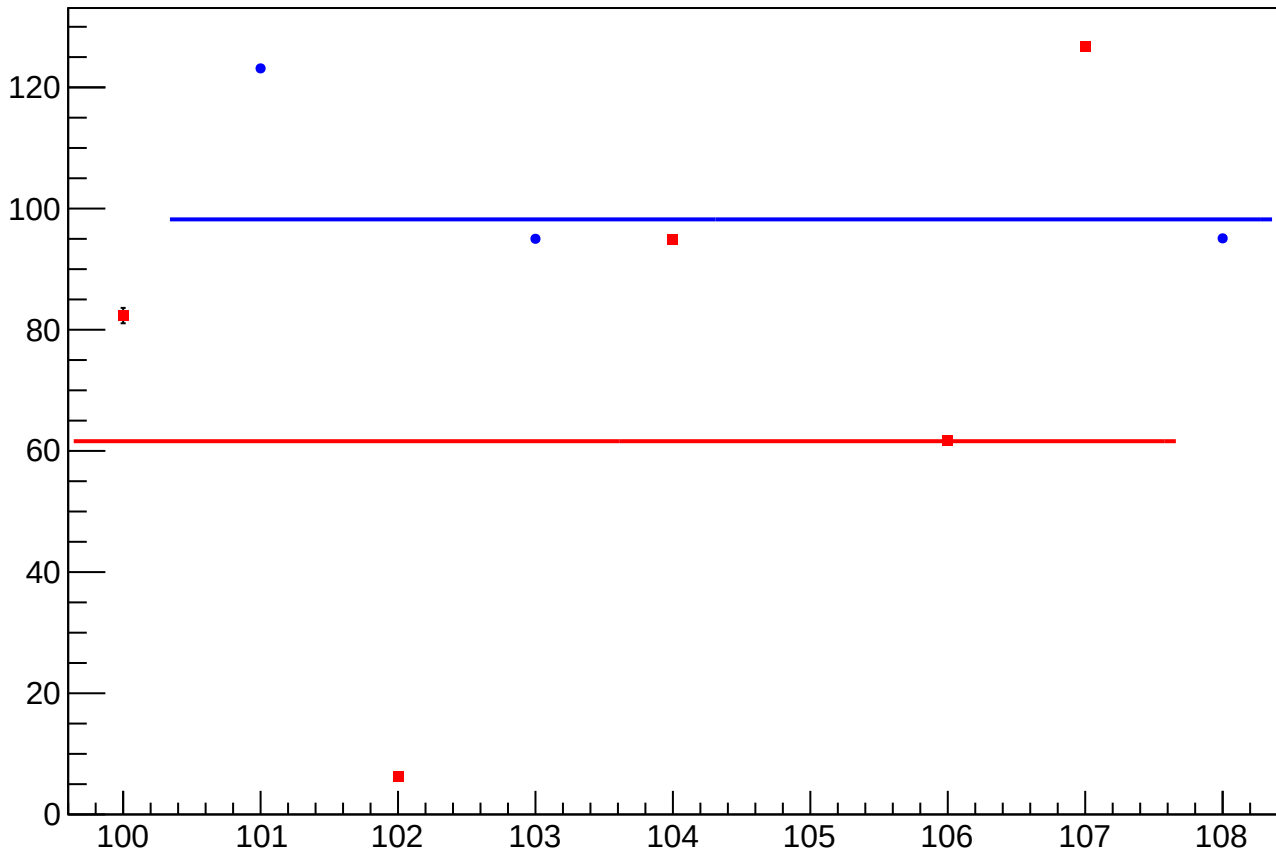
Right: -28.153 $\pm$ 2.605 χ^2 /NDF: 64.0/7

In: -18.910 $\pm$ 4.544 χ^2 /NDF: 12.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -28.153 $\pm$ 2.605 χ^2 /NDF: 64.0/7

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 98.213+/-0.141 χ^2/NDF : 4011.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.604+/-0.109 χ^2/NDF : 134140.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

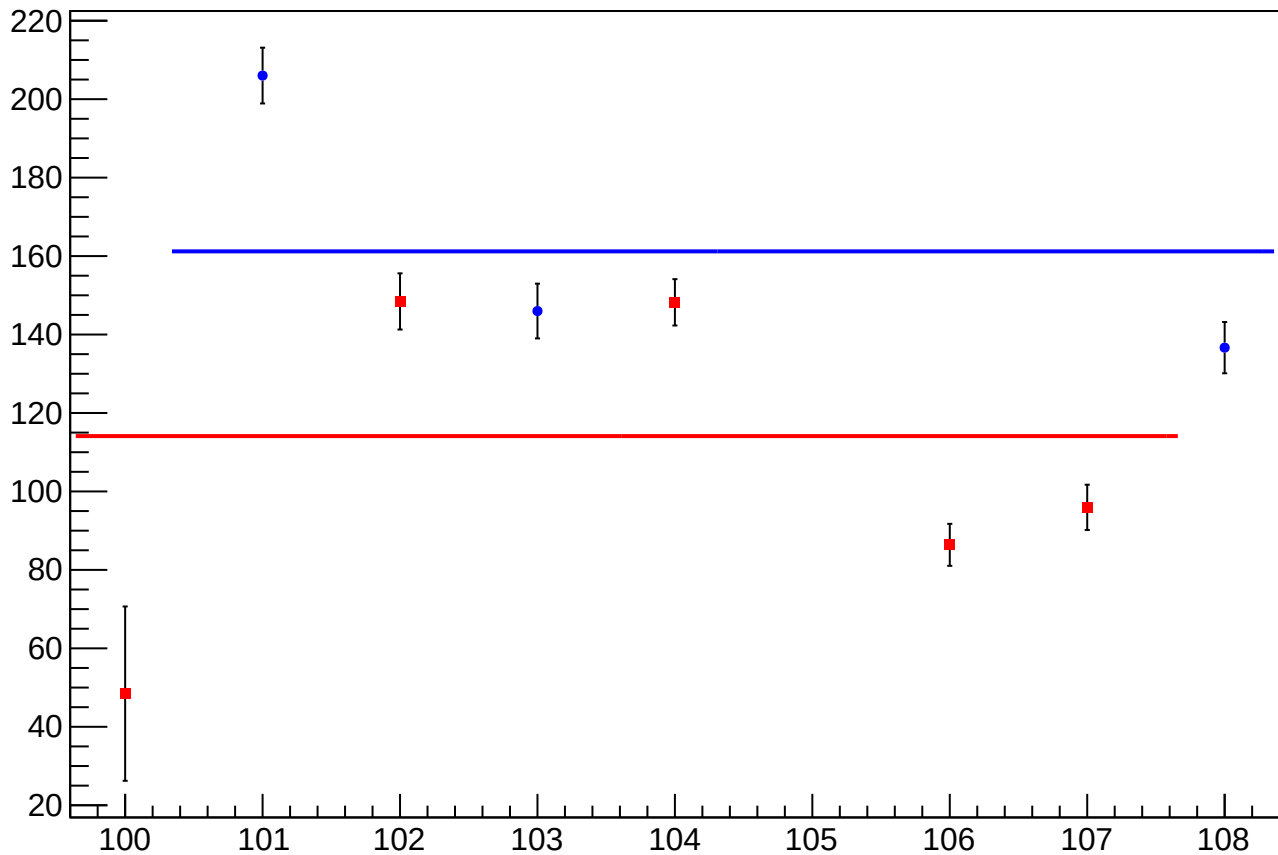
Right: 75.400+/-0.086 χ^2/NDF : 180450.4/7

In: 98.213+/-0.141 χ^2/NDF : 4011.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.400+/-0.086 χ^2/NDF : 180450.4/7

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 161.202 $\pm$ 3.961 χ^2 /NDF: 58.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 114.111 $\pm$ 2.948 χ^2 /NDF: 101.8/4

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

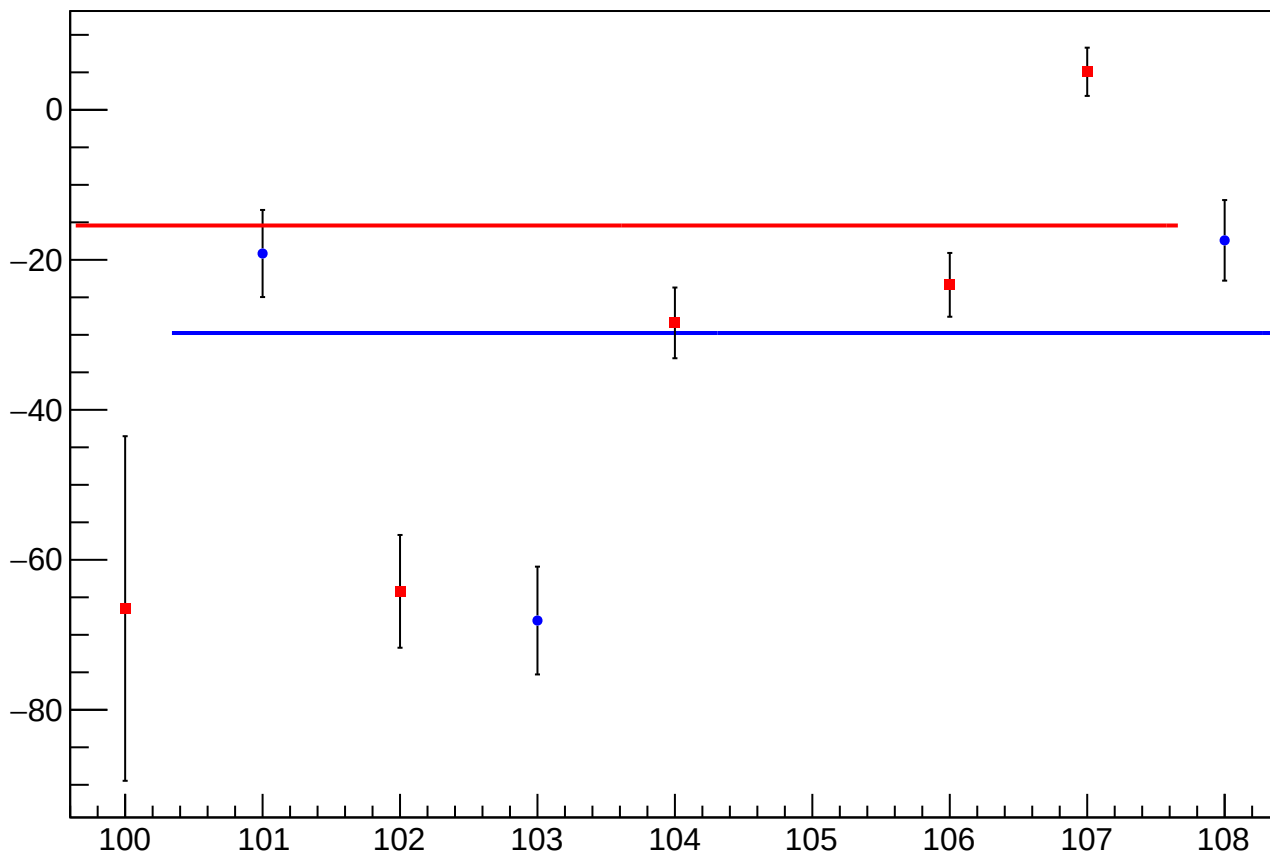
Right: 130.893 $\pm$ 2.365 χ^2 /NDF: 251.3/7

In: 161.202 $\pm$ 3.961 χ^2 /NDF: 58.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 130.893 $\pm$ 2.365 χ^2 /NDF: 251.3/7

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -29.756 $\pm$ 3.457 χ^2 /NDF: 37.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -15.421 $\pm$ 2.149 χ^2 /NDF: 98.7/4

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

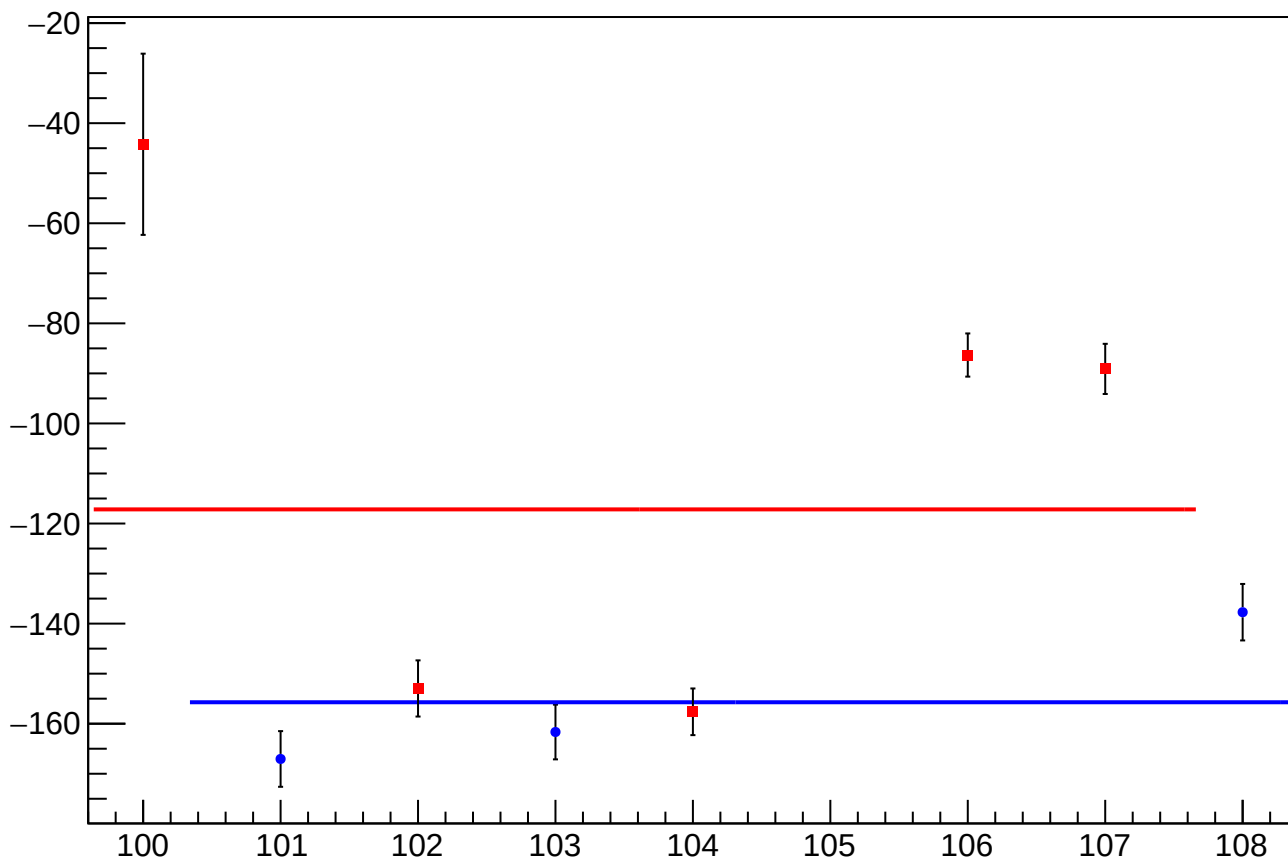
Right: -19.416 $\pm$ 1.825 χ^2 /NDF: 148.2/7

In: -29.756 $\pm$ 3.457 χ^2 /NDF:37.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -19.416 $\pm$ 1.825 χ^2 /NDF: 148.2/7

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -155.715+/-3.208 χ^2/NDF : 15.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -117.175+/-2.395 χ^2/NDF : 214.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

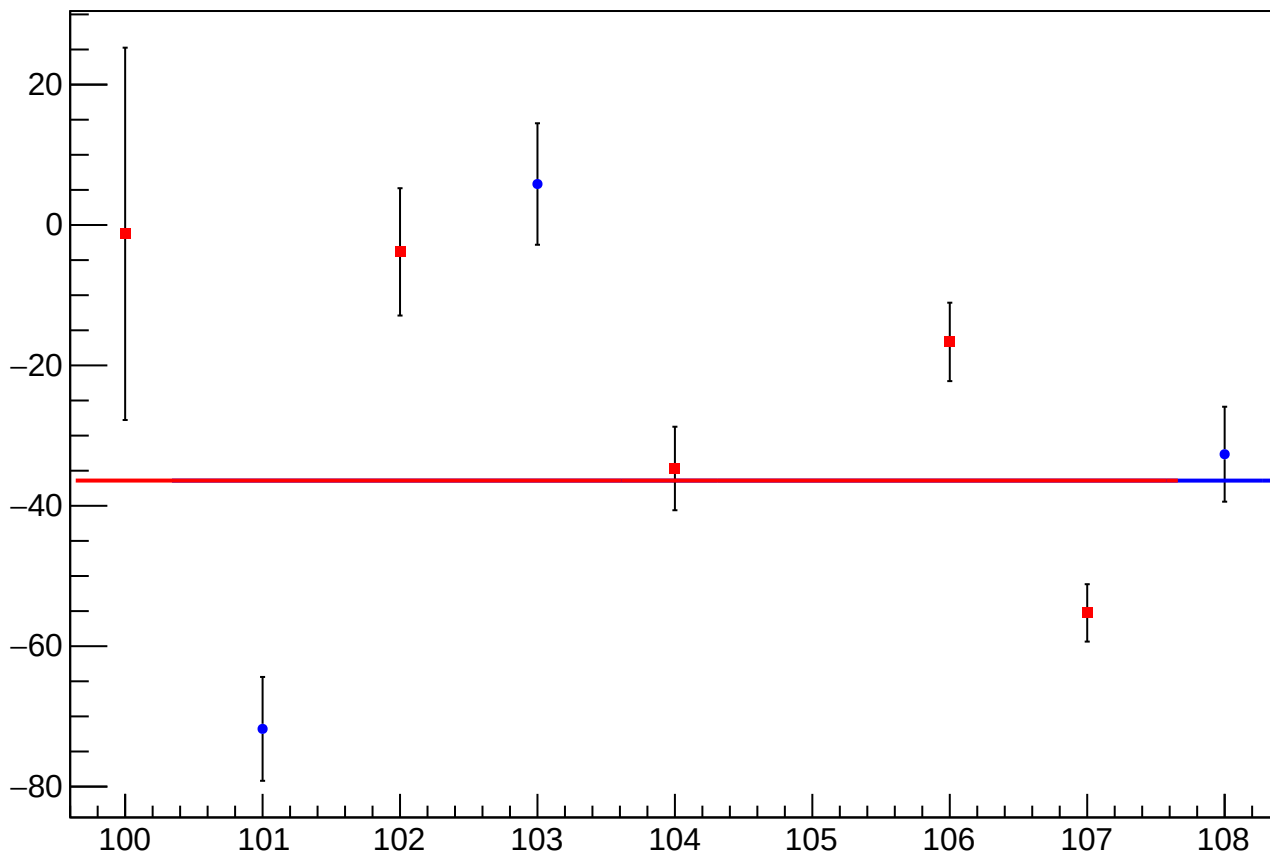
Right: -130.965+/-1.919 χ^2/NDF : 322.8/7

In: -155.715+/-3.208 χ^2/NDF : 15.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -130.965+/-1.919 χ^2/NDF : 322.8/7

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -36.411 $\pm$ 4.323 χ^2 /NDF: 47.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -36.404 $\pm$ 2.735 χ^2 /NDF: 48.5/4

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

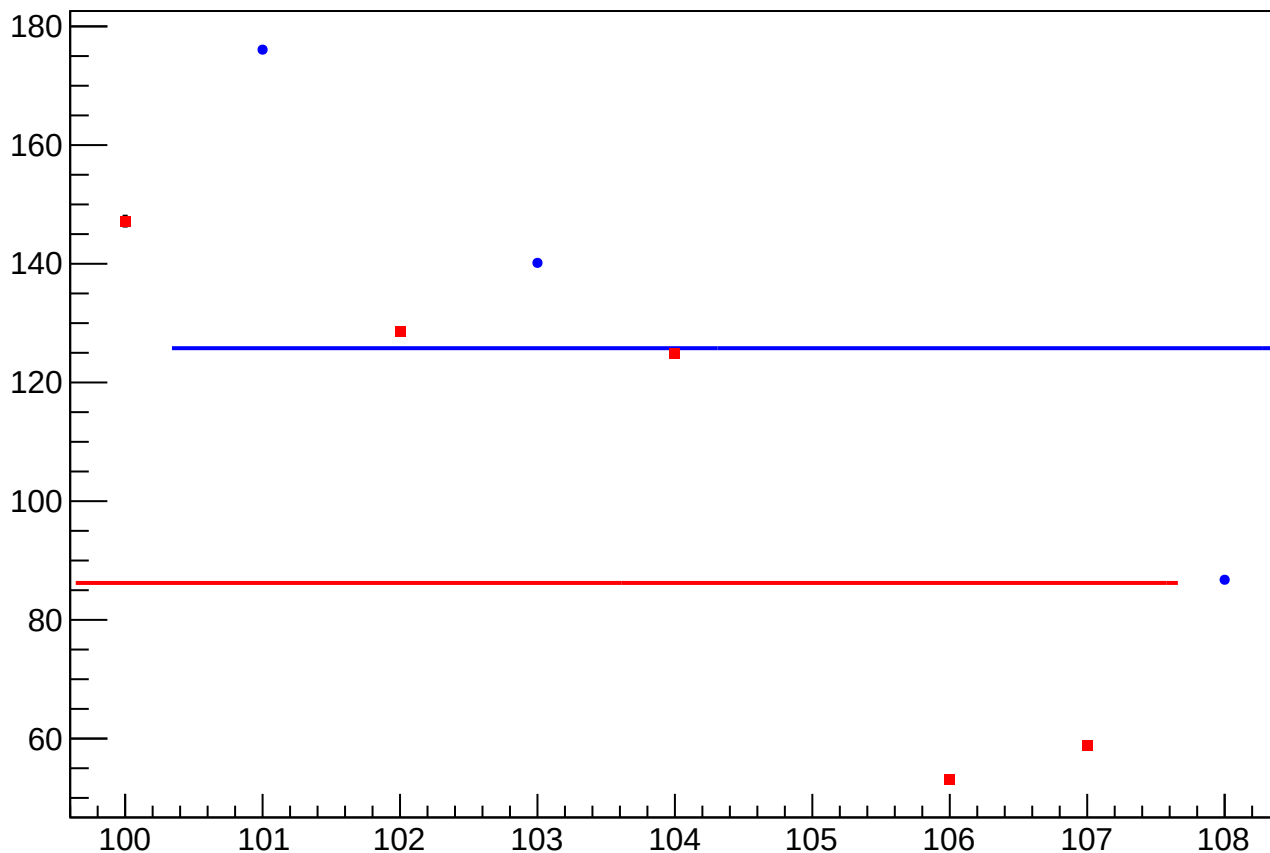
Right: -36.406 $\pm$ 2.311 χ^2 /NDF: 95.5/7

In: -36.411 $\pm$ 4.323 χ^2 /NDF:47.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -36.406 $\pm$ 2.311 χ^2 /NDF: 95.5/7

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 125.777 $\pm$ 0.147 χ^2 /NDF: 55281.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 86.224 $\pm$ 0.106 χ^2 /NDF: 111169.3/4

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

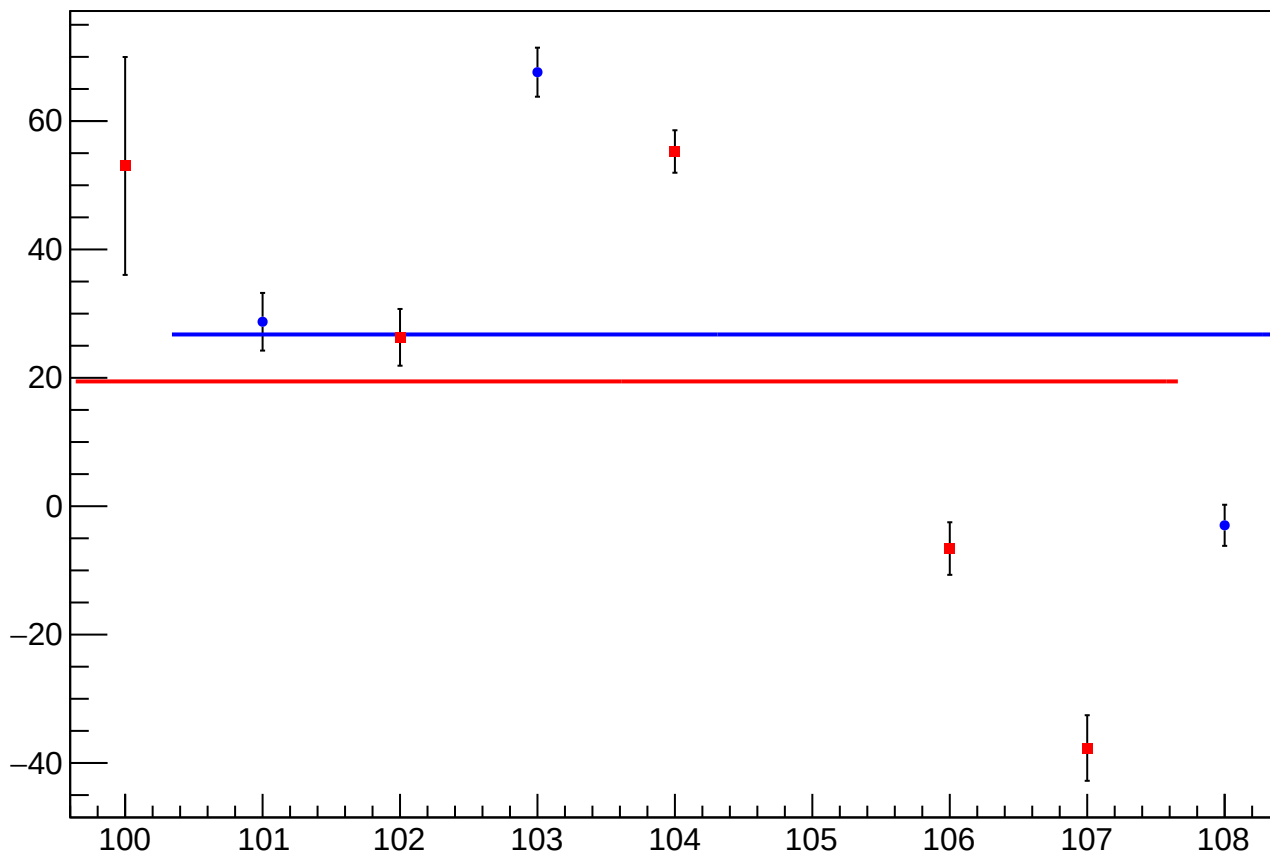
Right: 99.849 $\pm$ 0.086 χ^2 /NDF: 213982.6/7

In: 125.777 $\pm$ 0.147 χ^2 /NDF:55281.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 99.849 $\pm$ 0.086 χ^2 /NDF: 213982.6/7

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 26.756 $\pm$ 2.154 χ^2 /NDF: 200.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 19.441 $\pm$ 2.025 χ^2 /NDF: 288.9/4

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

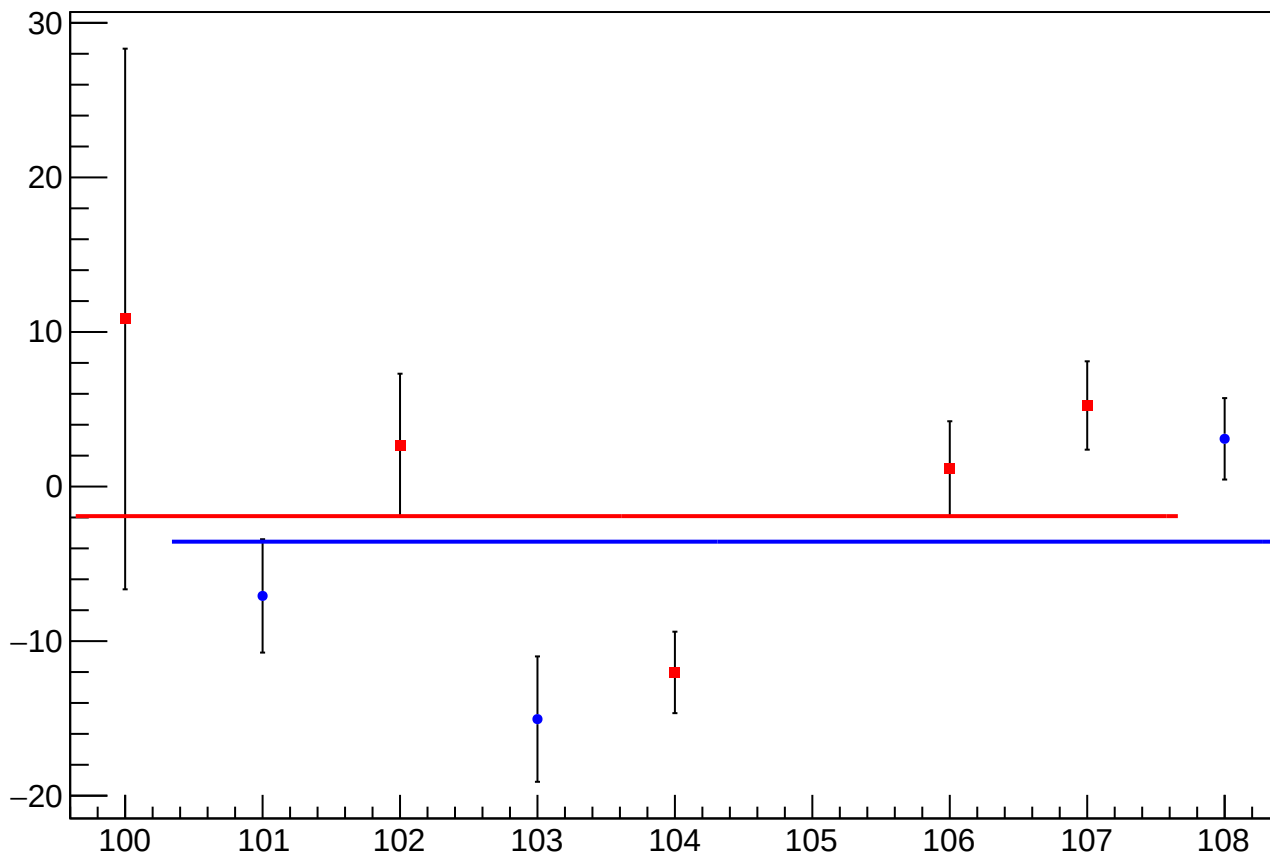
Right: 22.873 $\pm$ 1.475 χ^2 /NDF: 495.8/7

In: 26.756 $\pm$ 2.154 χ^2 /NDF: 200.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.873 $\pm$ 1.475 χ^2 /NDF: 495.8/7

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.566+/-1.892 χ^2 /NDF: 15.3/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1.913+/-1.539 χ^2 /NDF: 23.5/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

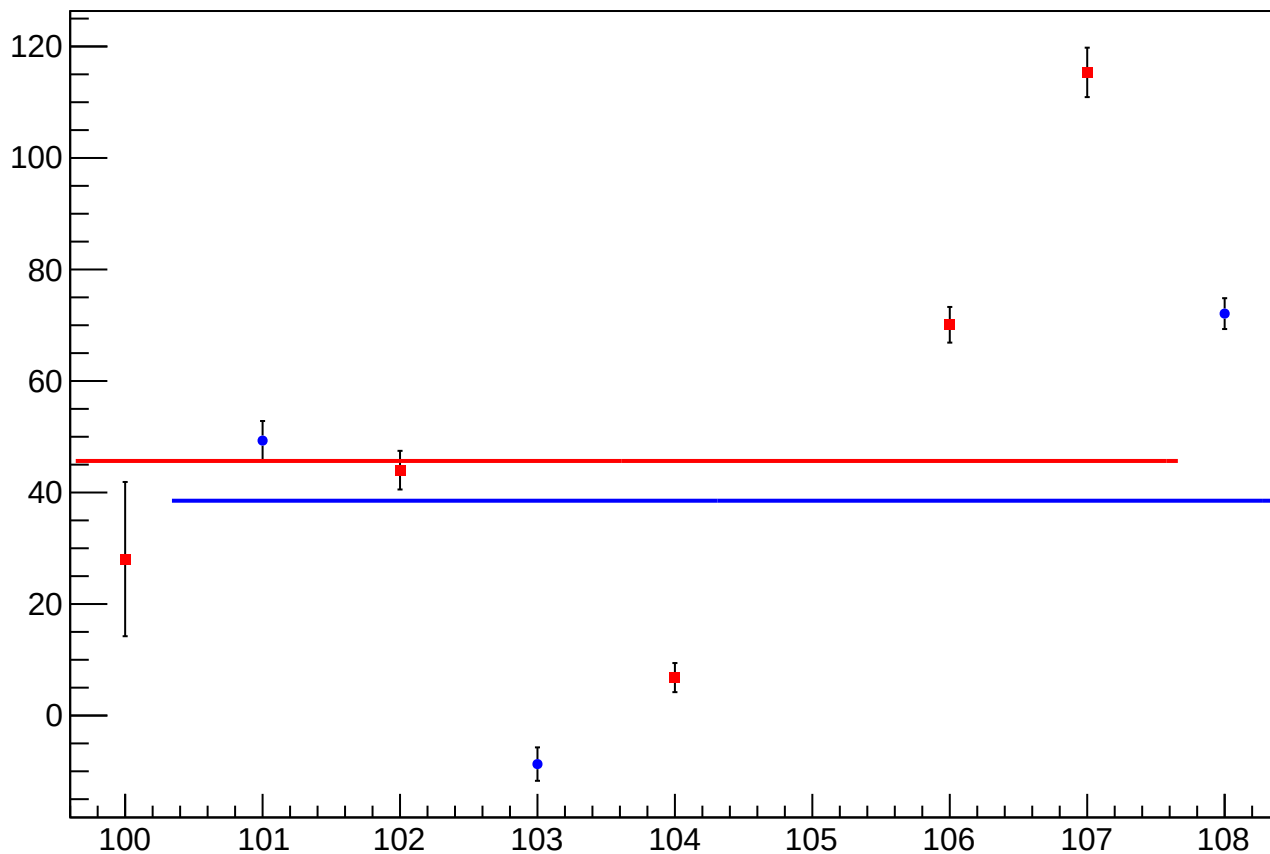
Right: -2.571+/-1.194 χ^2 /NDF: 39.3/7

In: -3.566+/-1.892 χ^2 /NDF:15.3/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2.571+/-1.194 χ^2 /NDF: 39.3/7

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 38.529+/-1.760 χ^2/NDF : 405.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.659+/-1.614 χ^2/NDF : 528.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

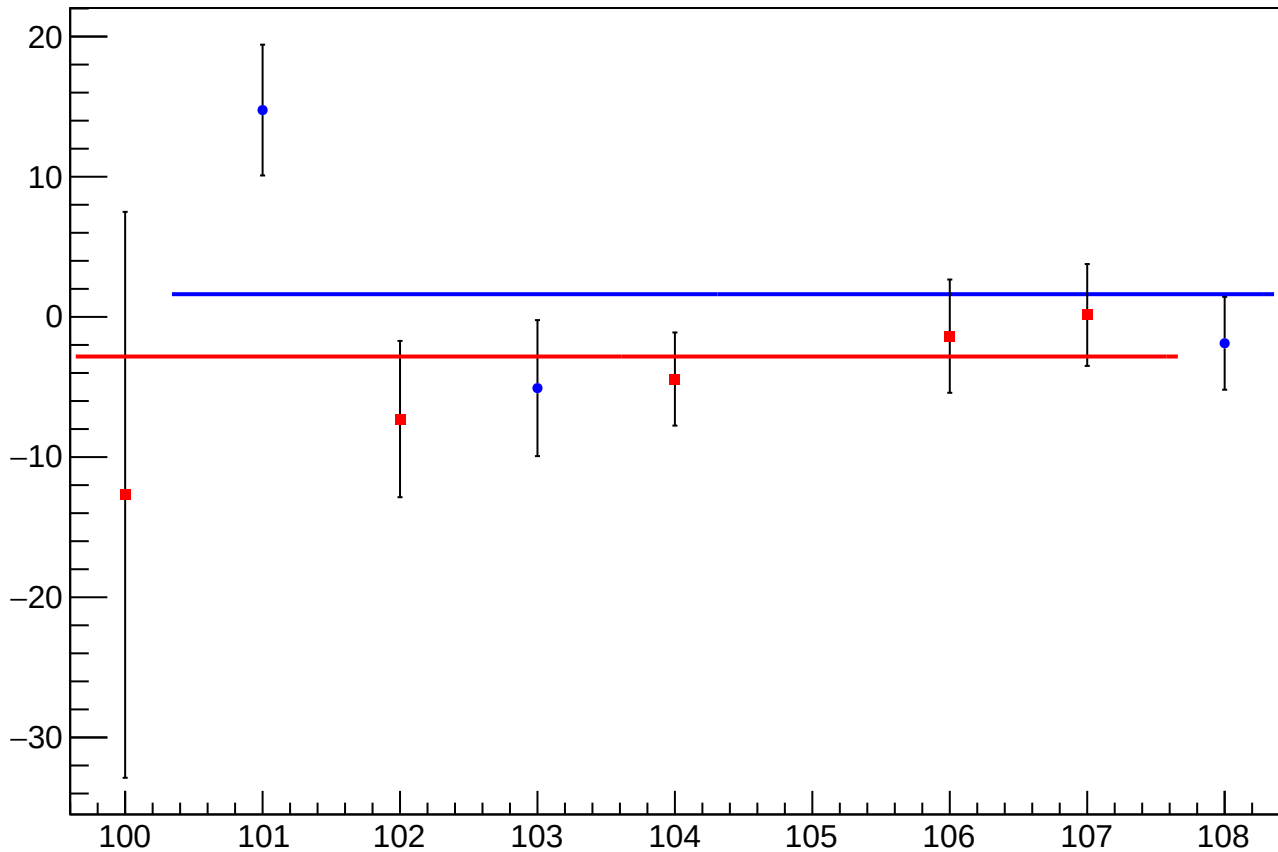
Right: 42.401+/-1.189 χ^2/NDF : 942.7/7

In: 38.529+/-1.760 χ^2/NDF : 405.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.401+/-1.189 χ^2/NDF : 942.7/7

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.621+/-2.361 χ^2/NDF : 10.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.825+/-1.953 χ^2/NDF : 1.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

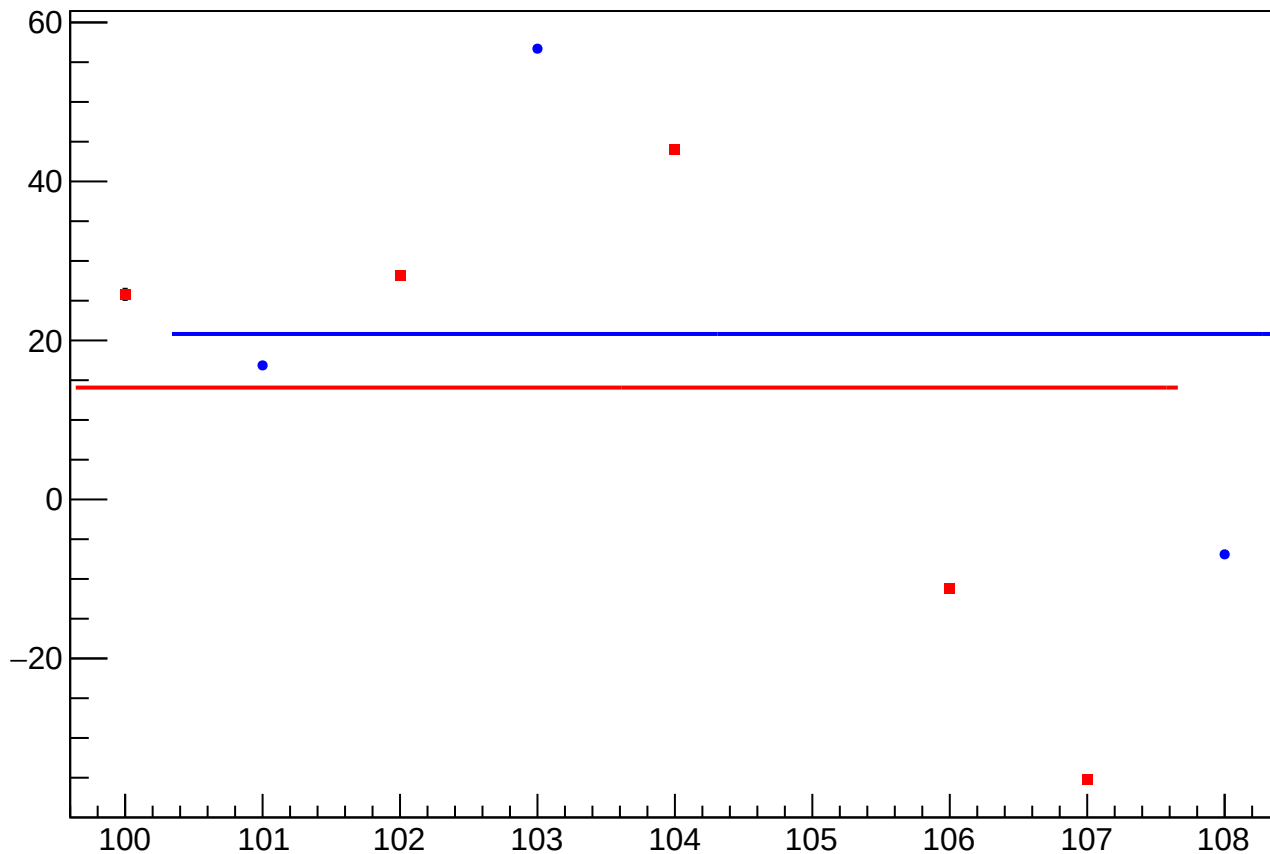
Right: -1.019+/-1.505 χ^2/NDF : 15.0/7

In: 1.621+/-2.361 χ^2/NDF : 10.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.019+/-1.505 χ^2/NDF : 15.0/7

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 20.816+/-0.078 χ^2/NDF : 142005.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.072+/-0.075 χ^2/NDF : 165651.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

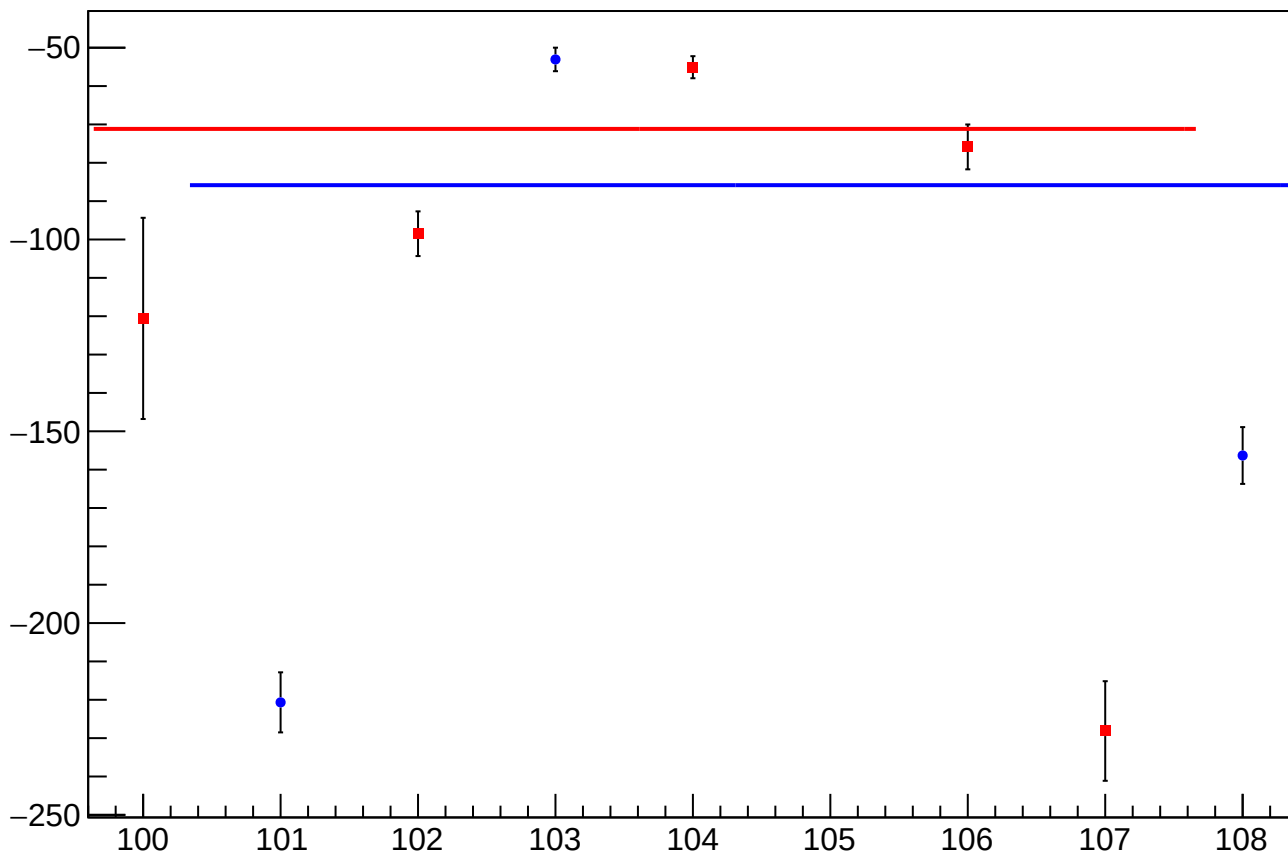
Right: 17.295+/-0.054 χ^2/NDF : 311567.0/7

In: 20.816+/-0.078 χ^2/NDF : 142005.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.295+/-0.054 χ^2/NDF : 311567.0/7

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -85.836 $\pm$ 2.665 χ^2 /NDF: 501.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -71.167 $\pm$ 2.312 χ^2 /NDF: 203.6/4

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

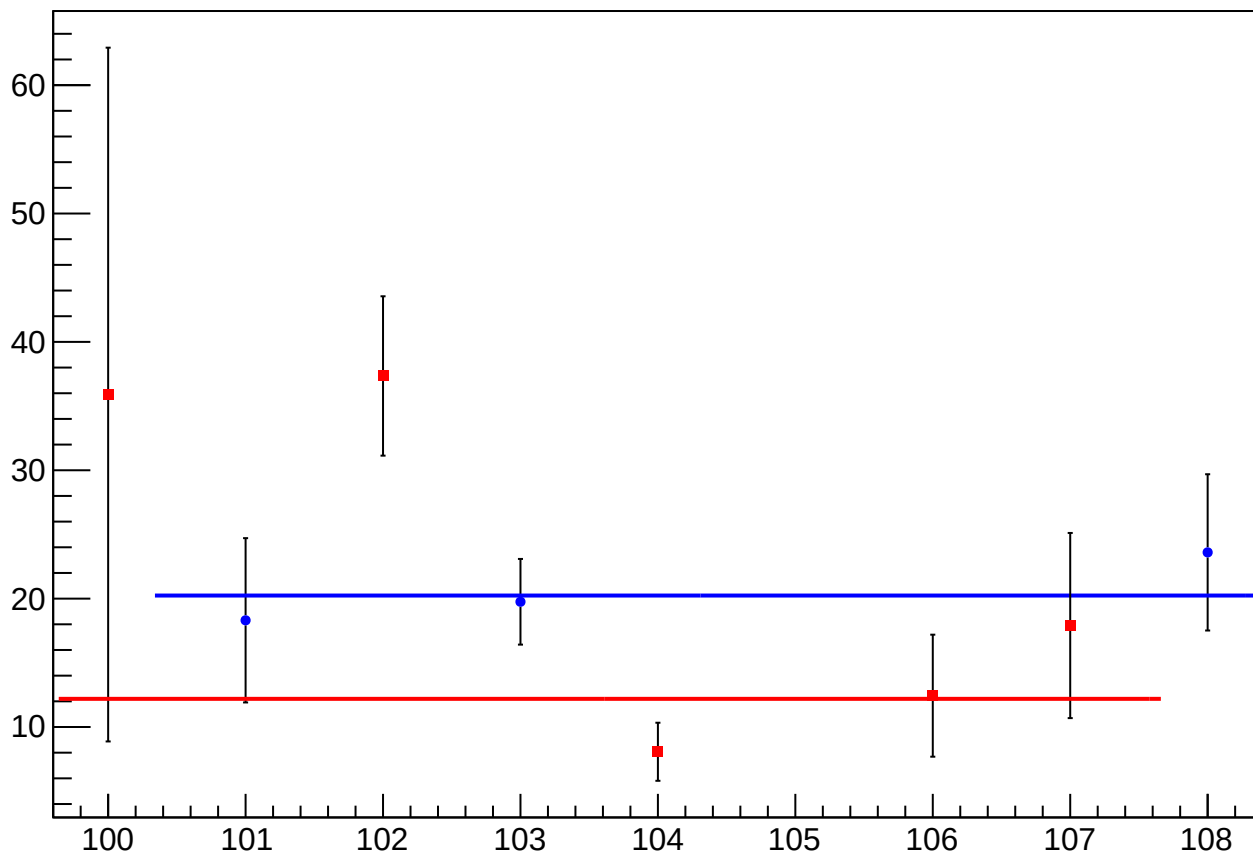
Right: -77.468 $\pm$ 1.746 χ^2 /NDF: 722.2/7

In: -85.836 $\pm$ 2.665 χ^2 /NDF:501.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -77.468 $\pm$ 1.746 χ^2 /NDF: 722.2/7

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 20.241 $\pm$ 2.661 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 12.193 $\pm$ 1.869 χ^2 /NDF: 21.1/4

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

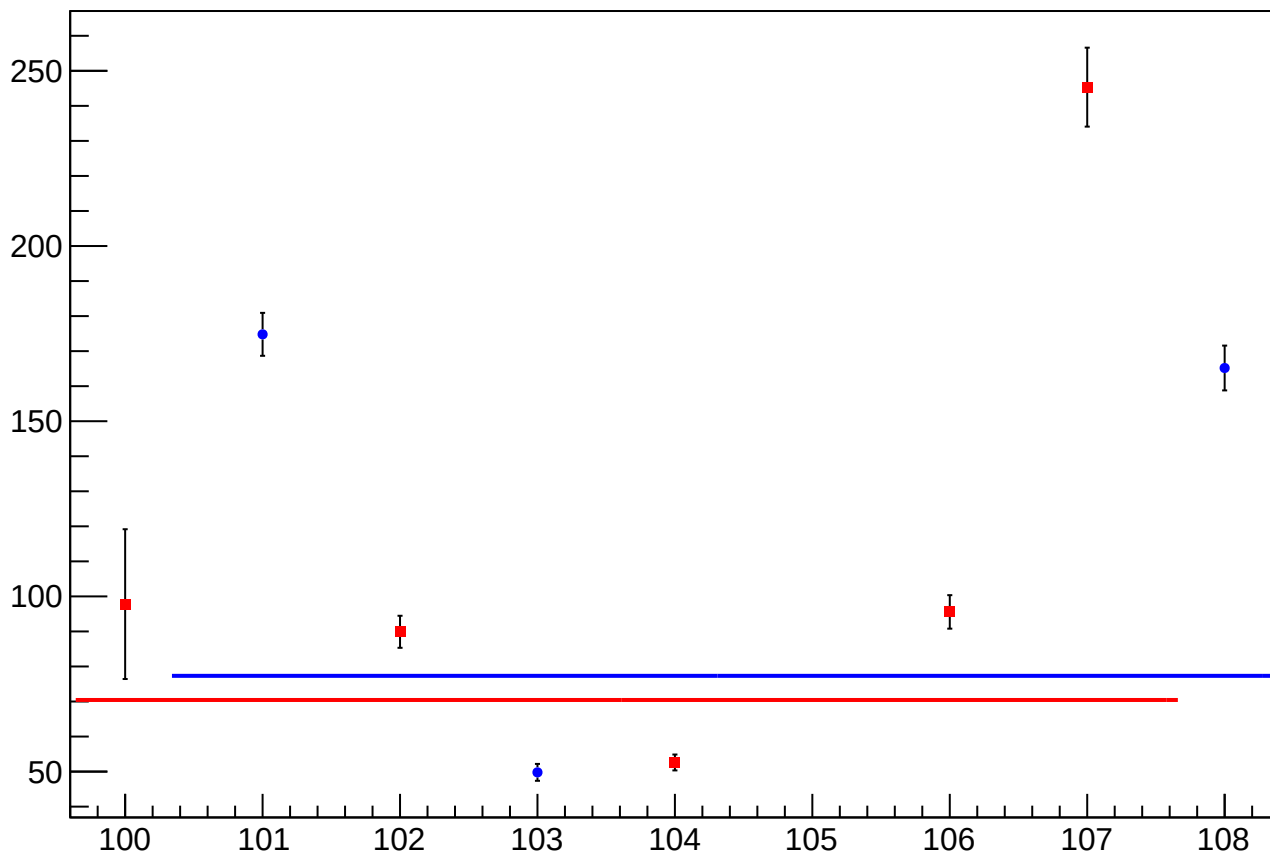
Right: 14.851 $\pm$ 1.529 χ^2 /NDF: 27.7/7

In: 20.241 $\pm$ 2.661 χ^2 /NDF:0.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 14.851 $\pm$ 1.529 χ^2 /NDF: 27.7/7

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 77.329+/-2.116 χ^2/NDF : 572.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.439+/-1.838 χ^2/NDF : 350.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

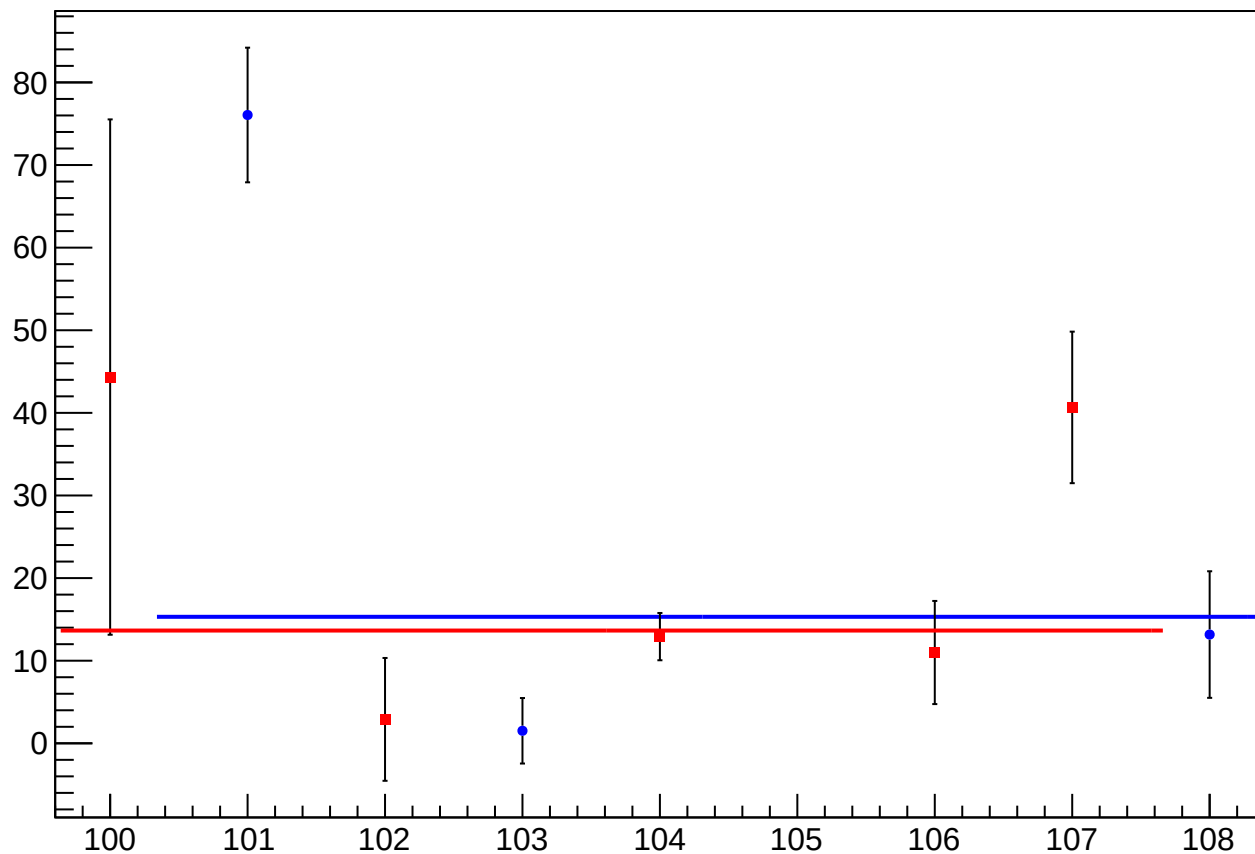
Right: 73.401+/-1.388 χ^2/NDF : 928.7/7

In: 77.329+/-2.116 χ^2/NDF : 572.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.401+/-1.388 χ^2/NDF : 928.7/7

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.314+/-3.232 χ^2/NDF : 67.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.651+/-2.365 χ^2/NDF : 12.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

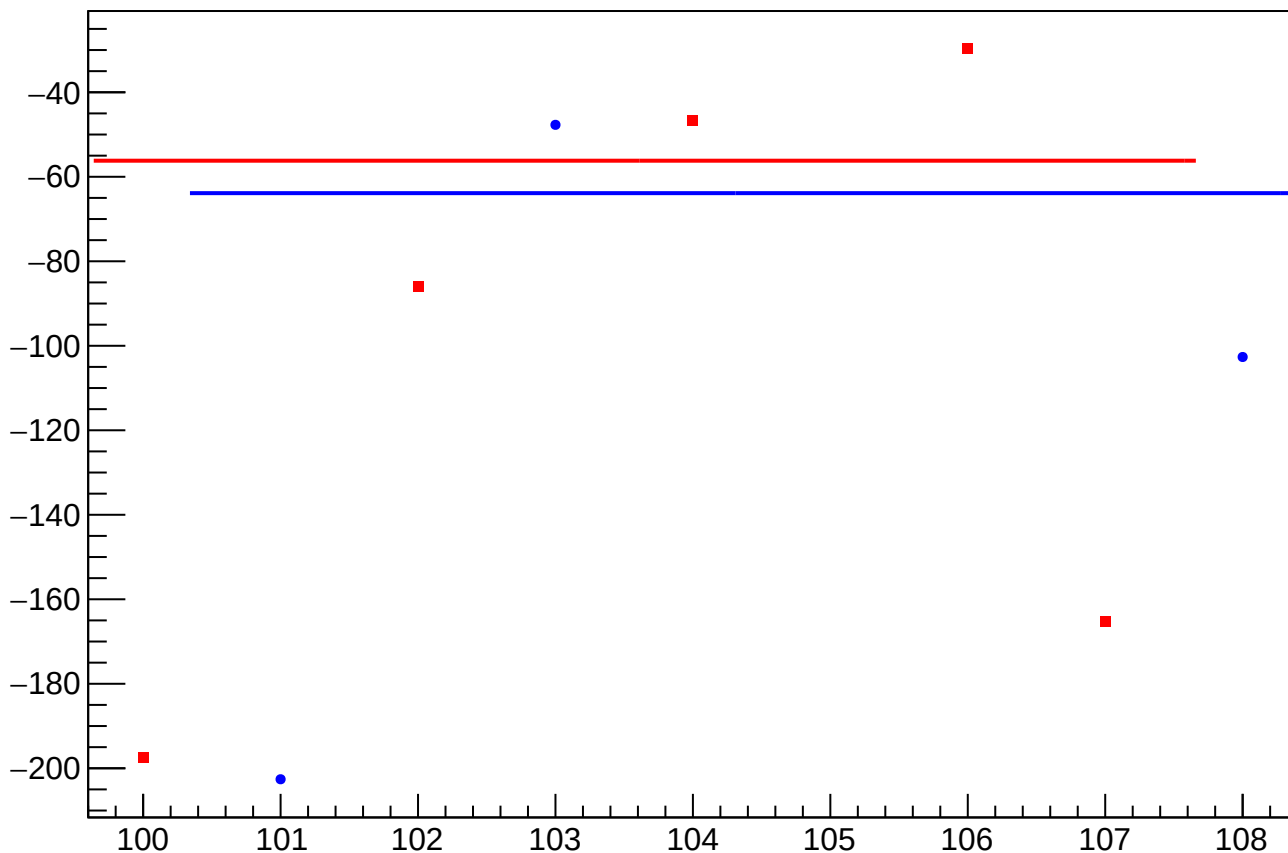
Right: 14.231+/-1.908 χ^2/NDF : 79.9/7

In: 15.314+/-3.232 χ^2/NDF : 67.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.231+/-1.908 χ^2/NDF : 79.9/7

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -63.874 $\pm$ 0.091 χ^2 /NDF: 192416.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -56.194 $\pm$ 0.084 χ^2 /NDF: 121081.2/4

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

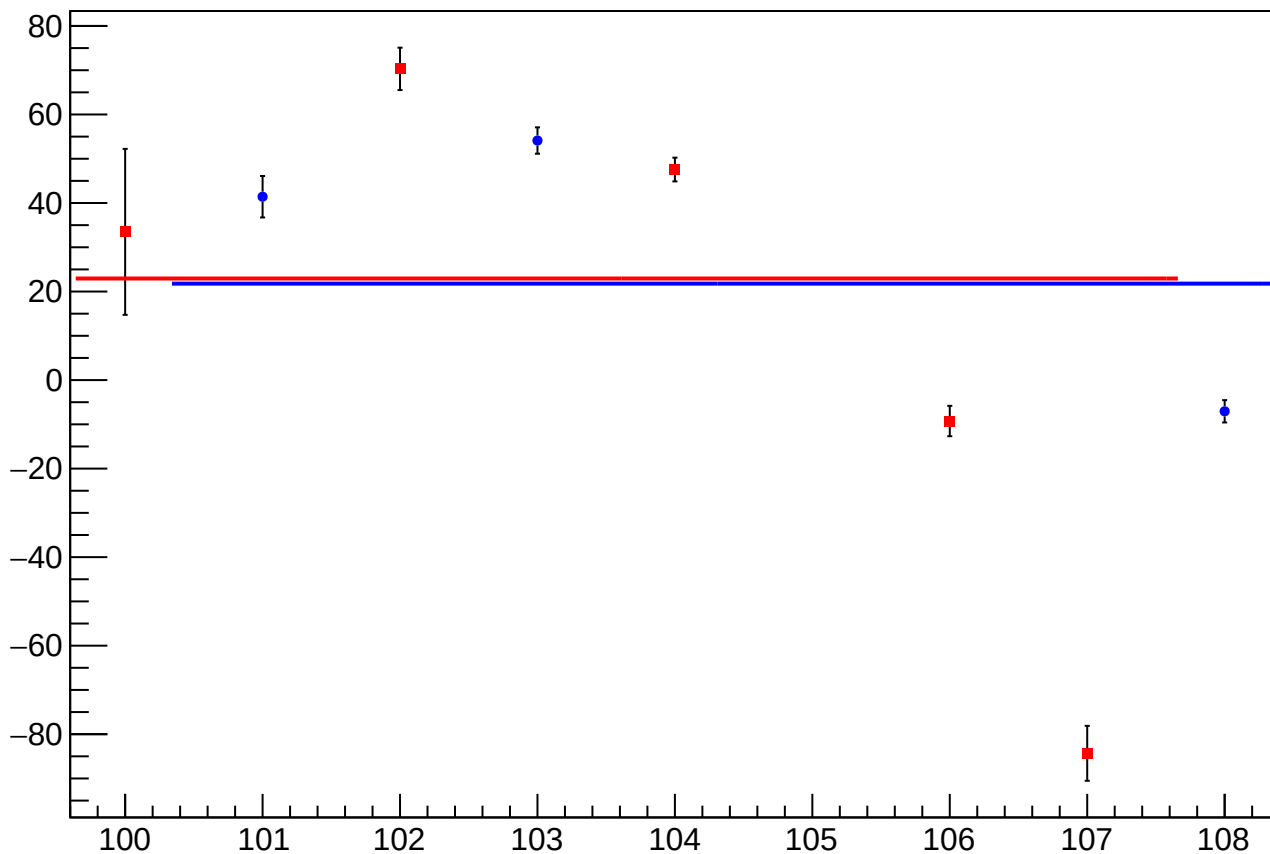
Right: -59.753 $\pm$ 0.062 χ^2 /NDF: 317340.4/7

In: -63.874 $\pm$ 0.091 χ^2 /NDF:192416.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -59.753 $\pm$ 0.062 χ^2 /NDF: 317340.4/7

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 21.788+/-1.780 χ^2/NDF : 266.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.947+/-1.836 χ^2/NDF : 569.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

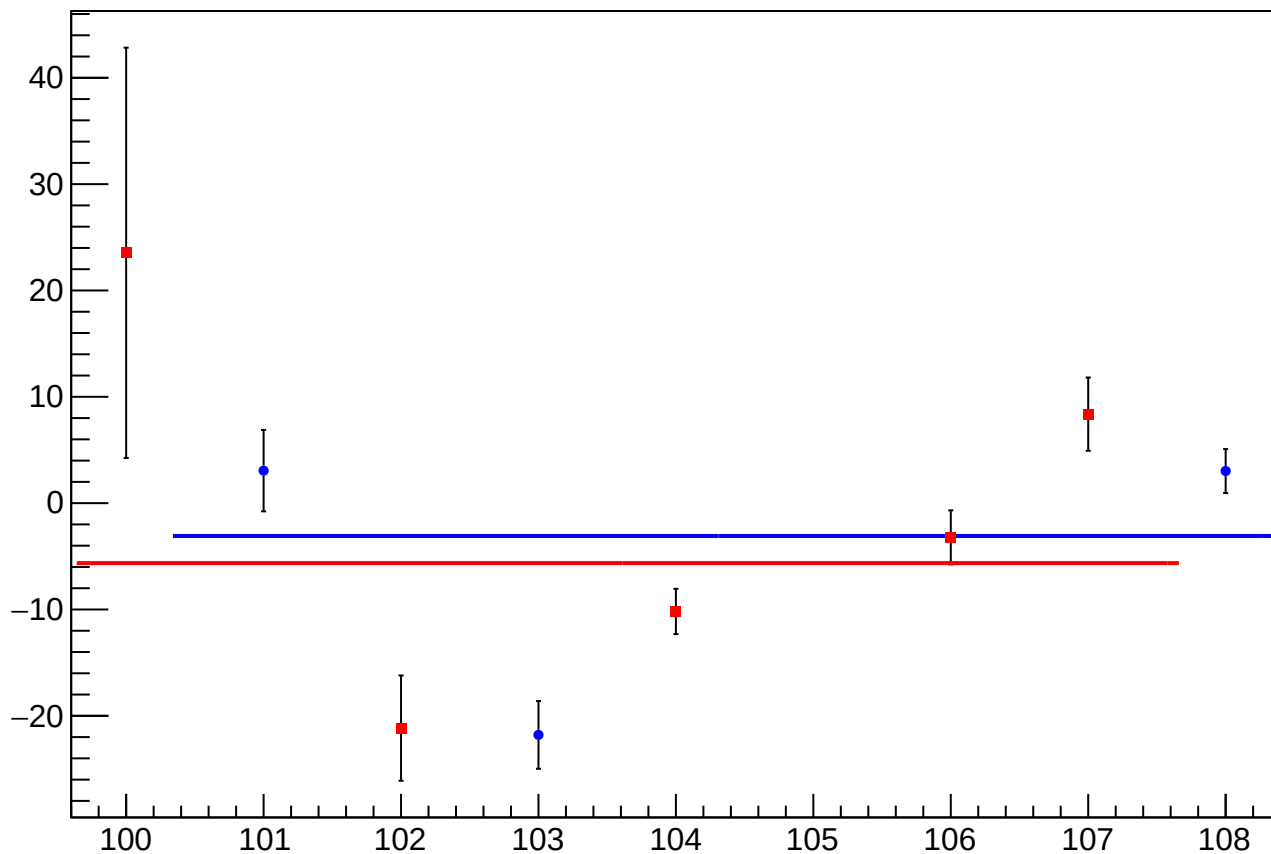
Right: 22.350+/-1.278 χ^2/NDF : 835.7/7

In: 21.788+/-1.780 χ^2/NDF : 266.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.350+/-1.278 χ^2/NDF : 835.7/7

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.087+/-1.582 χ^2/NDF : 45.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.635+/-1.409 χ^2/NDF : 34.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

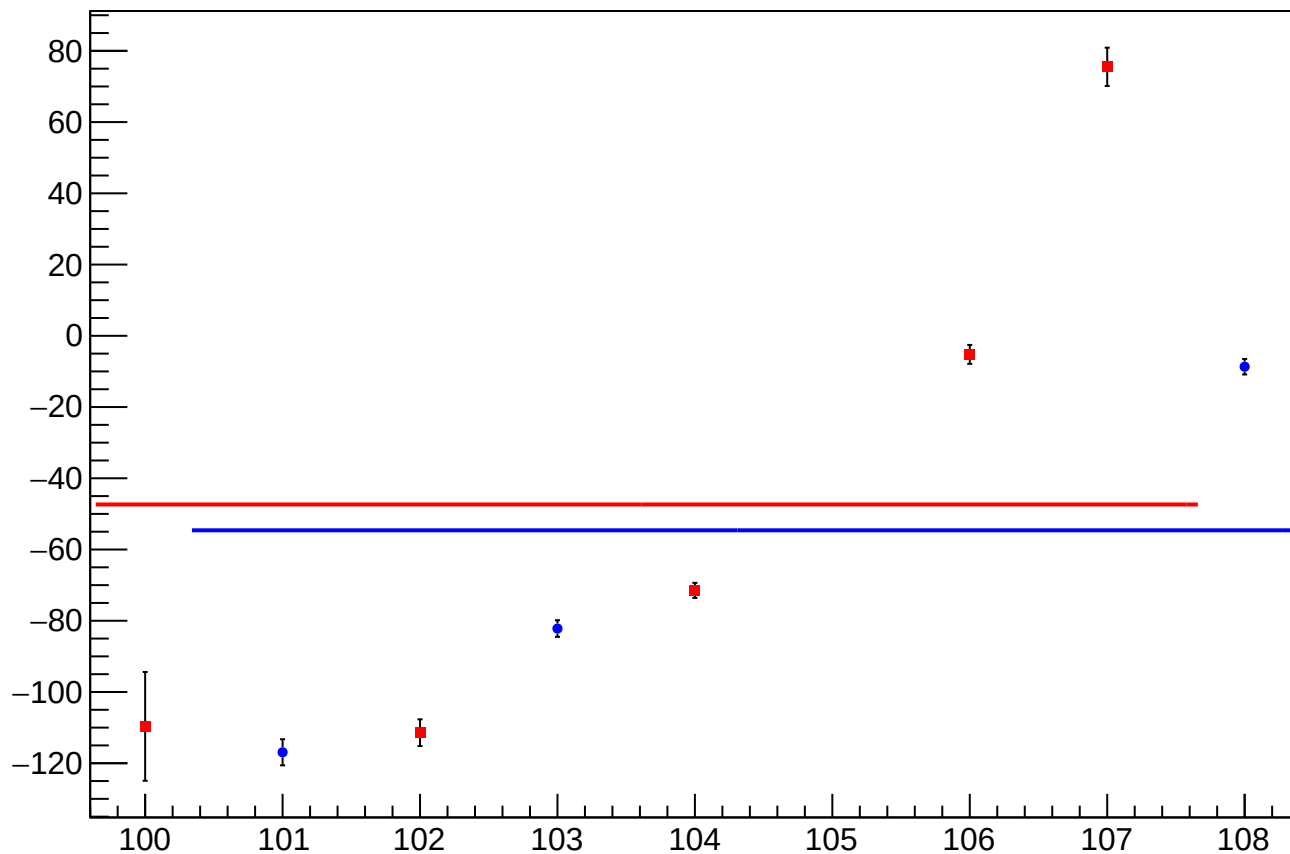
Right: -4.508+/-1.052 χ^2/NDF : 81.3/7

In: -3.087+/-1.582 χ^2/NDF : 45.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.508+/-1.052 χ^2/NDF : 81.3/7

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.607 $\pm$ 1.462 χ^2 /NDF: 873.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -47.358 $\pm$ 1.451 χ^2 /NDF: 1209.9/4

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

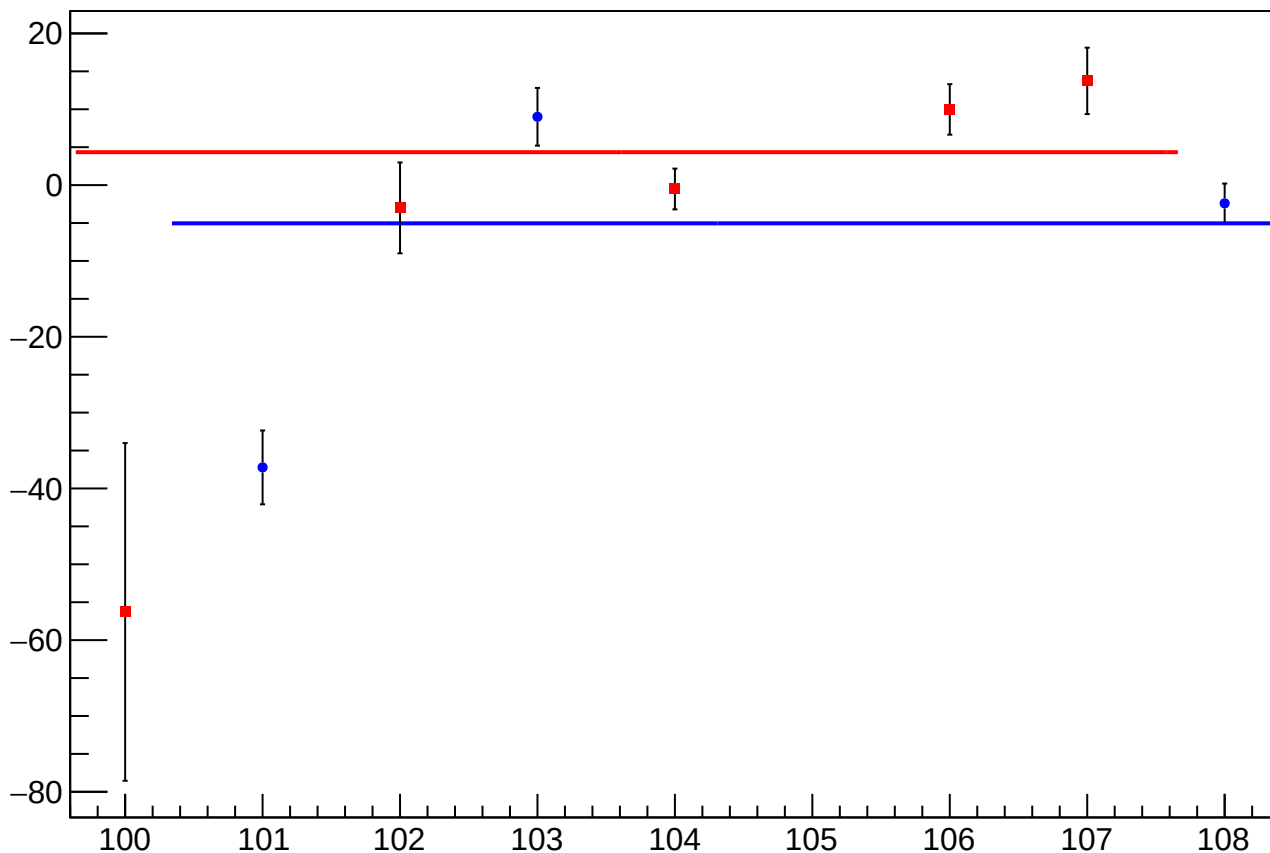
Right: -50.956 $\pm$ 1.030 χ^2 /NDF: 2095.2/7

In: -54.607 $\pm$ 1.462 χ^2 /NDF:873.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -50.956 $\pm$ 1.030 χ^2 /NDF: 2095.2/7

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.041+/-1.967 χ^2/NDF : 58.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.339+/-1.794 χ^2/NDF : 19.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

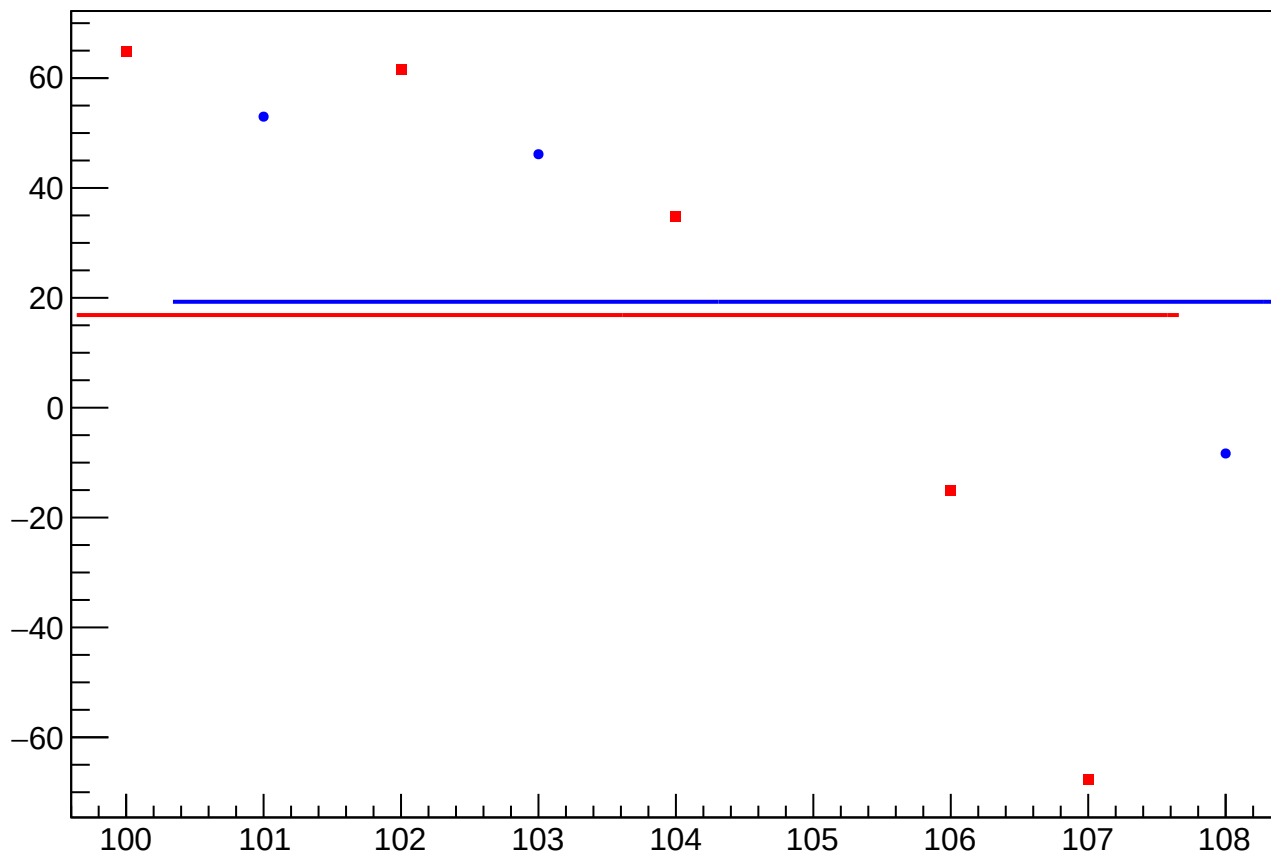
Right: 0.081+/-1.325 χ^2/NDF : 90.4/7

In: -5.041+/-1.967 χ^2/NDF : 58.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.081+/-1.325 χ^2/NDF : 90.4/7

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 19.284+/-0.063 χ^2/NDF : 196201.4/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 16.867+/-0.069 χ^2/NDF : 316140.6/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

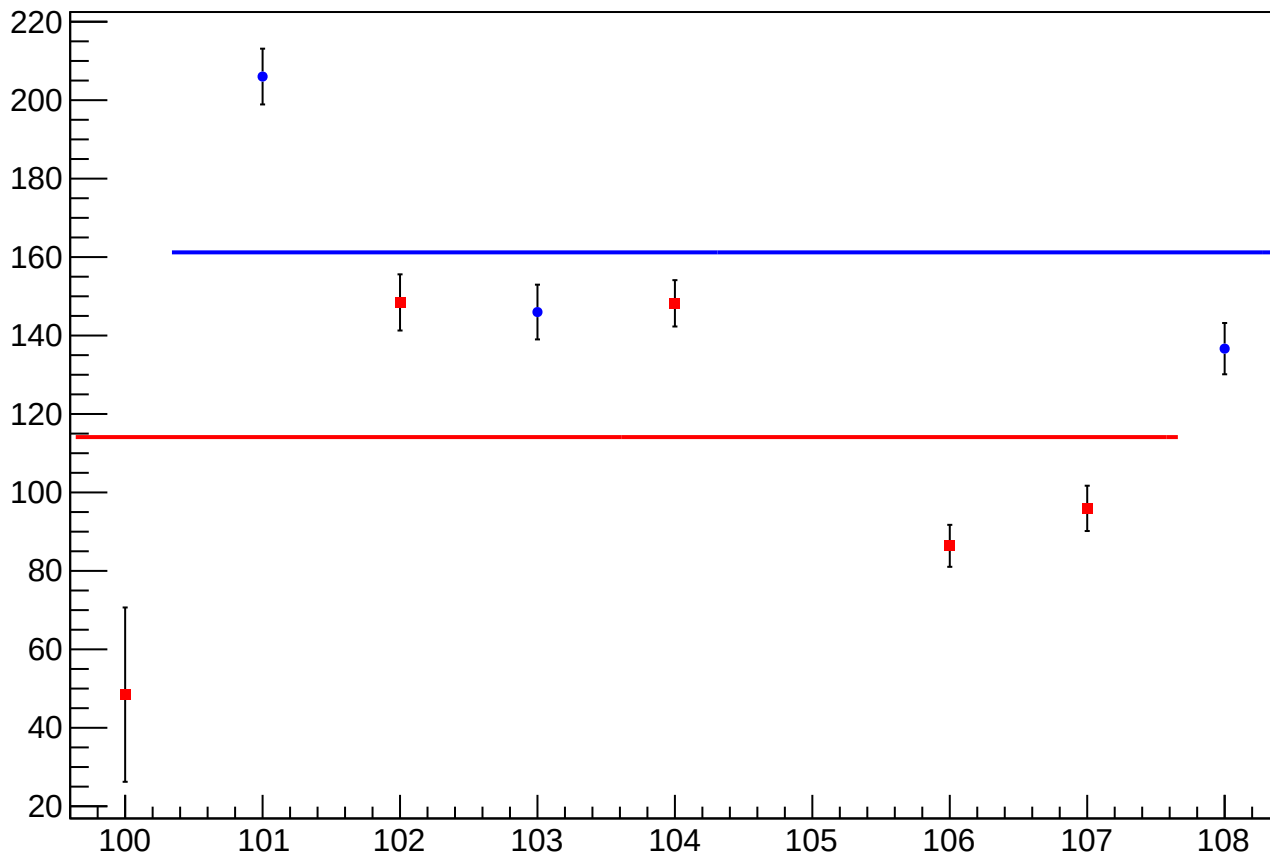
Right: 18.183+/-0.046 χ^2/NDF : 513014.1/7

In: 19.284+/-0.063 χ^2/NDF :196201.4/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 18.183+/-0.046 χ^2/NDF : 513014.1/7

reg_asym_at1_avg_at2_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 161.202 ± 3.961 χ^2/NDF : 58.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 114.111 ± 2.948 χ^2/NDF : 101.8/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

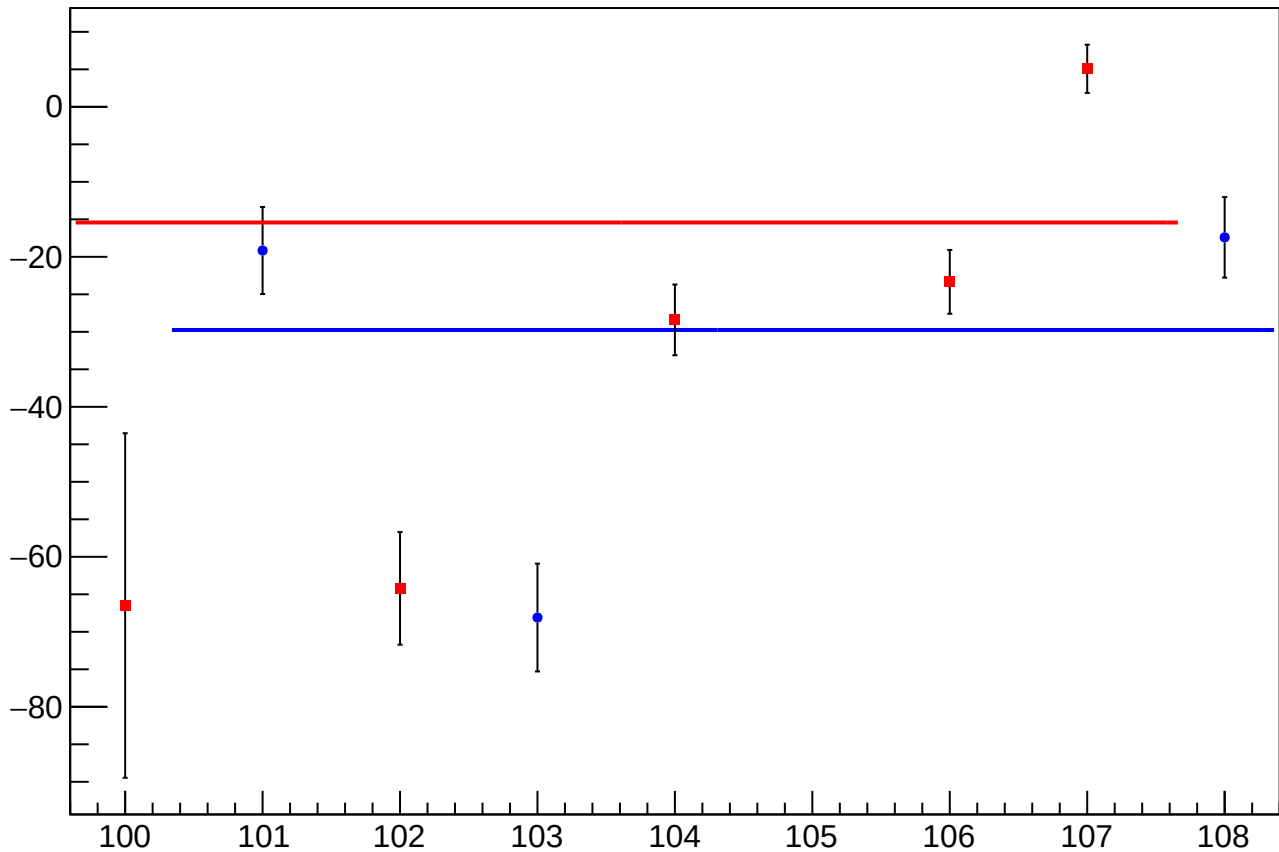
Right: 130.893 ± 2.365 χ^2/NDF : 251.3/7

In: 161.202 ± 3.961 χ^2/NDF : 58.6/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 130.893 ± 2.365 χ^2/NDF : 251.3/7

reg_asym_at1_avg_at2_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -29.756+/-3.457 χ^2/NDF : 37.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.421+/-2.149 χ^2/NDF : 98.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

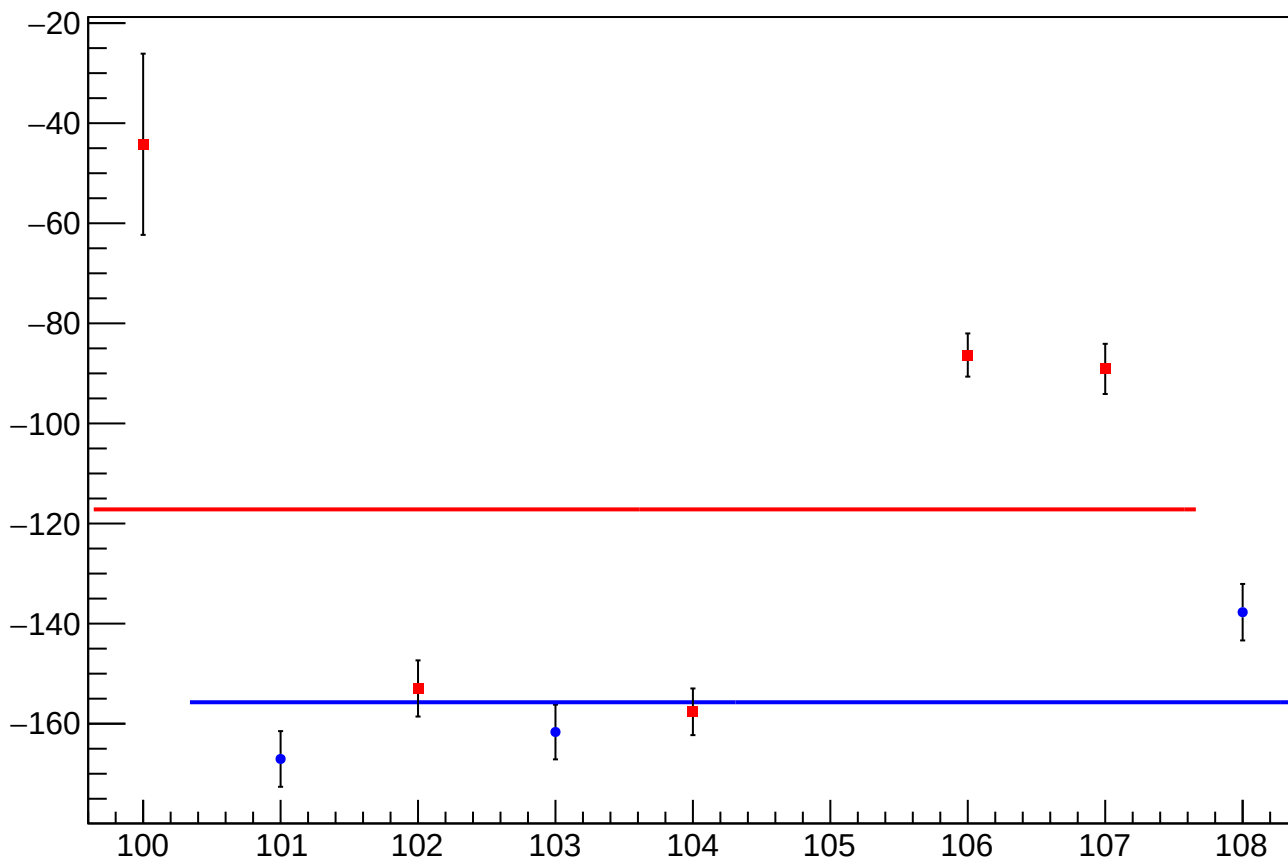
Right: -19.416+/-1.825 χ^2/NDF : 148.2/7

In: -29.756+/-3.457 χ^2/NDF : 37.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.416+/-1.825 χ^2/NDF : 148.2/7

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -155.715+/-3.208 χ^2/NDF : 15.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -117.175+/-2.395 χ^2/NDF : 214.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

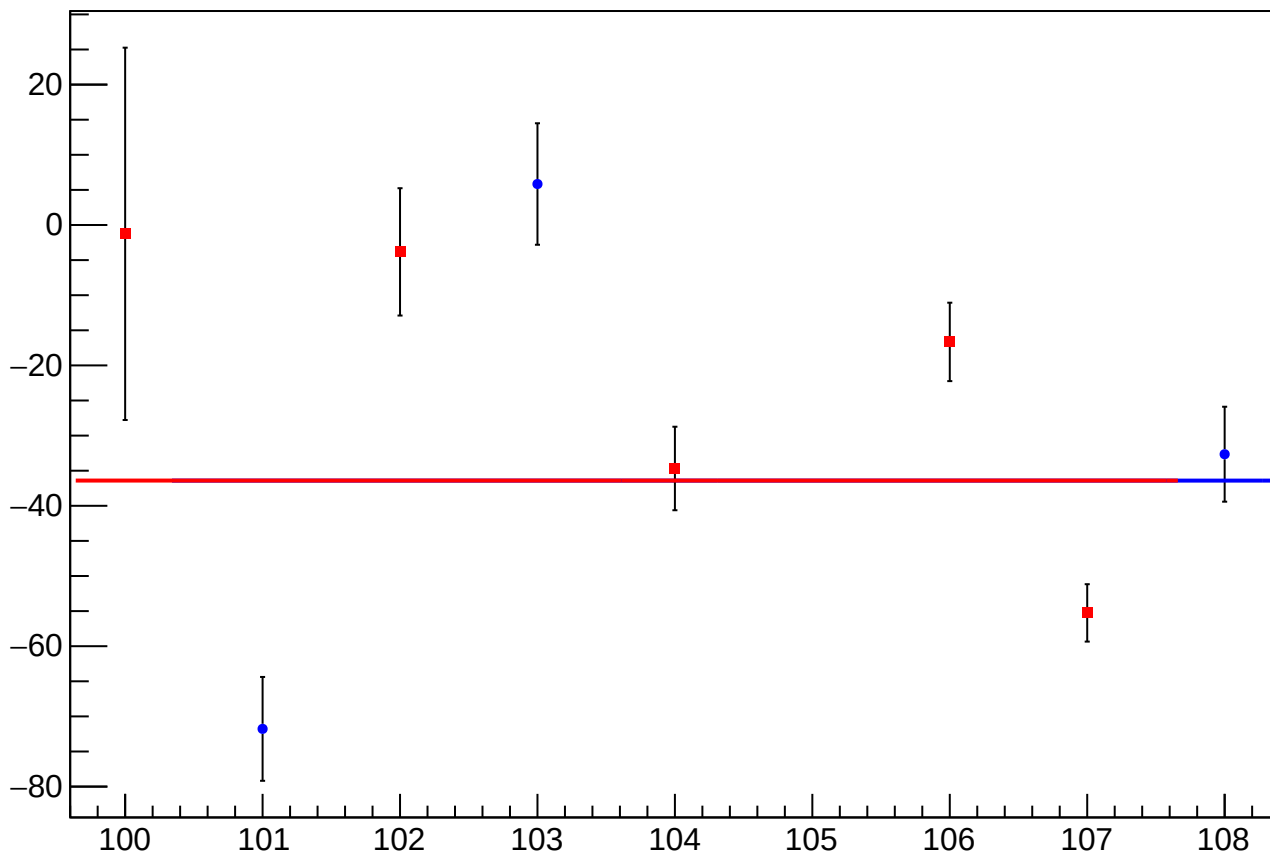
Right: -130.965+/-1.919 χ^2/NDF : 322.8/7

In: -155.715+/-3.208 χ^2/NDF : 15.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -130.965+/-1.919 χ^2/NDF : 322.8/7

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -36.411 $\pm$ 4.323 χ^2 /NDF: 47.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -36.404 $\pm$ 2.735 χ^2 /NDF: 48.5/4

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

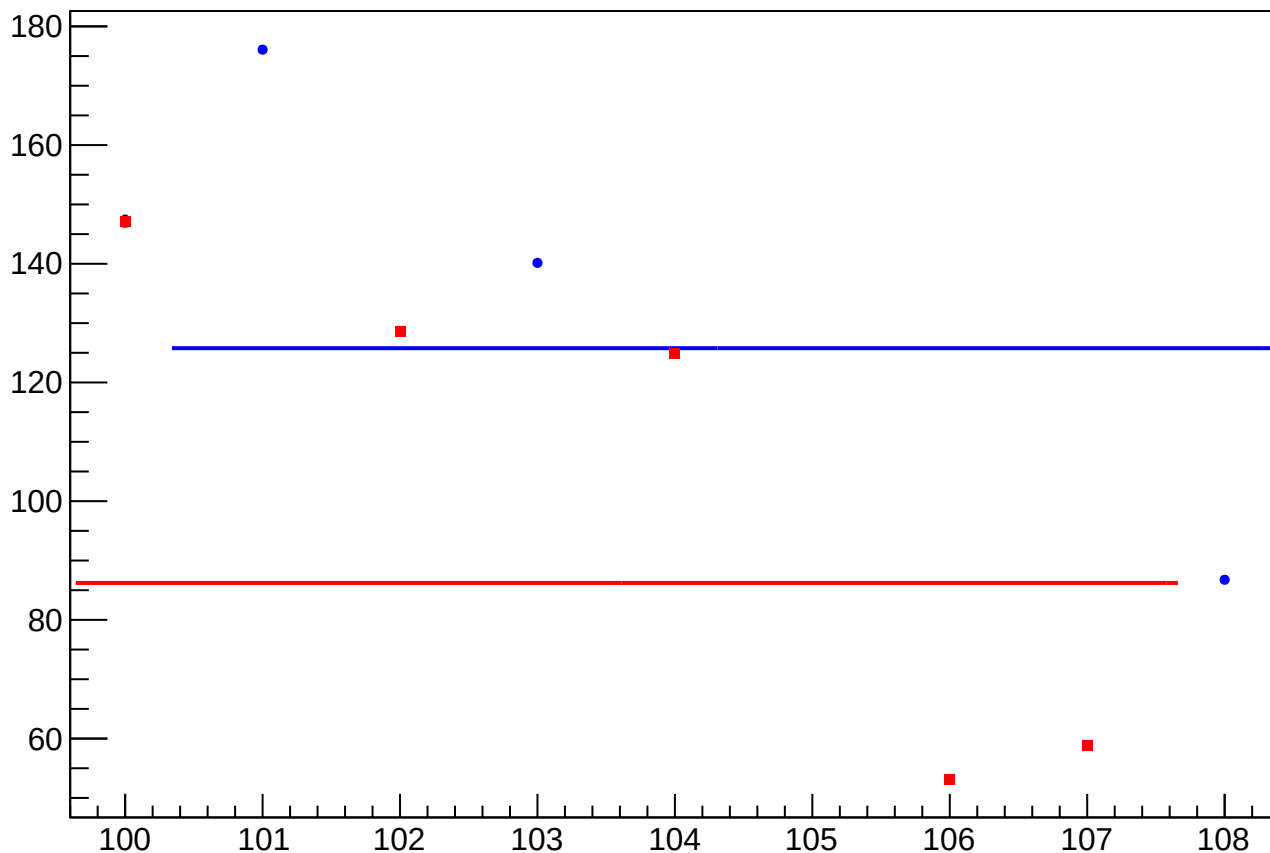
Right: -36.406 $\pm$ 2.311 χ^2 /NDF: 95.5/7

In: -36.411 $\pm$ 4.323 χ^2 /NDF:47.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -36.406 $\pm$ 2.311 χ^2 /NDF: 95.5/7

reg_asym_at1_avg_at2_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 125.777 $\pm$ 0.147 χ^2 /NDF: 55281.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 86.224 $\pm$ 0.106 χ^2 /NDF: 111169.3/4

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

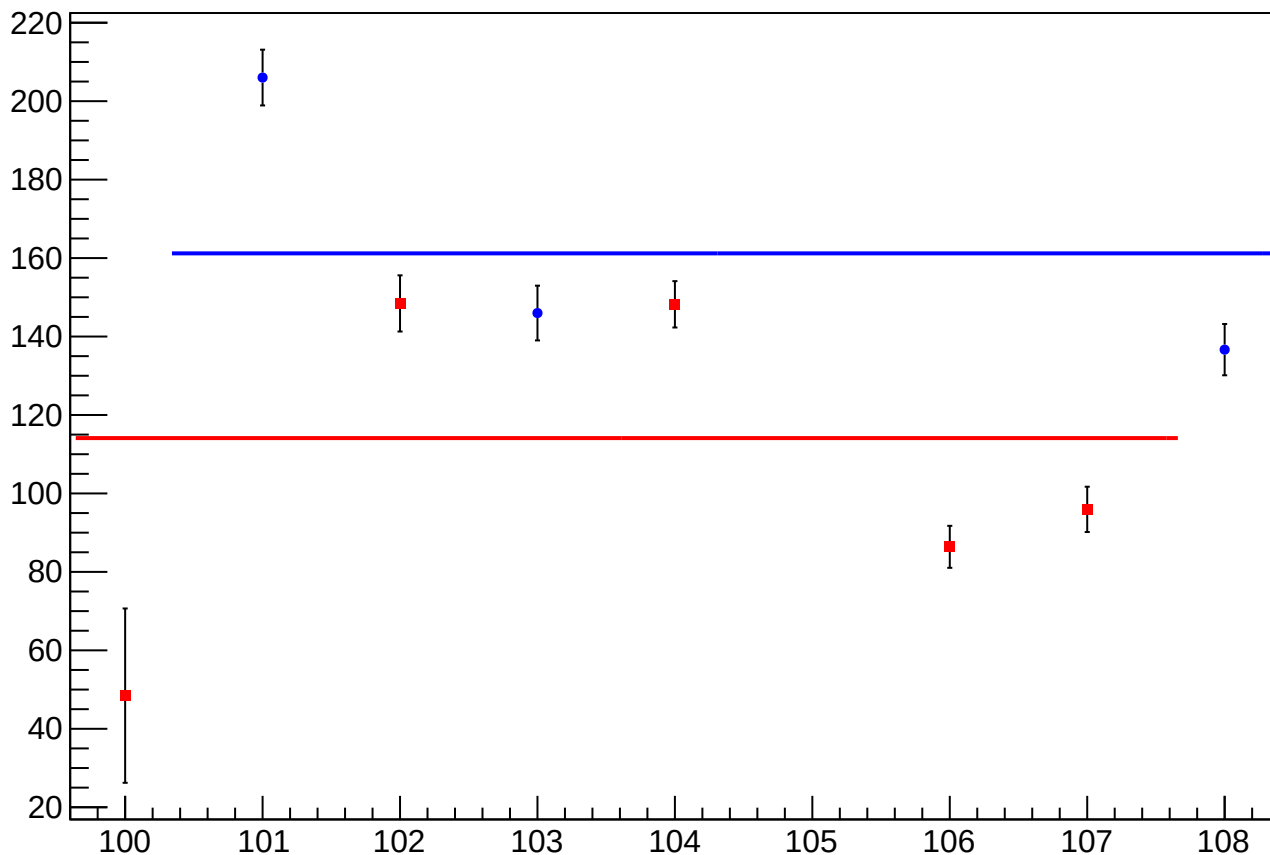
Right: 99.849 $\pm$ 0.086 χ^2 /NDF: 213982.6/7

In: 125.777 $\pm$ 0.147 χ^2 /NDF: 55281.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 99.849 $\pm$ 0.086 χ^2 /NDF: 213982.6/7

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 161.202 $\pm$ 3.961 χ^2 /NDF: 58.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 114.111 $\pm$ 2.948 χ^2 /NDF: 101.8/4

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

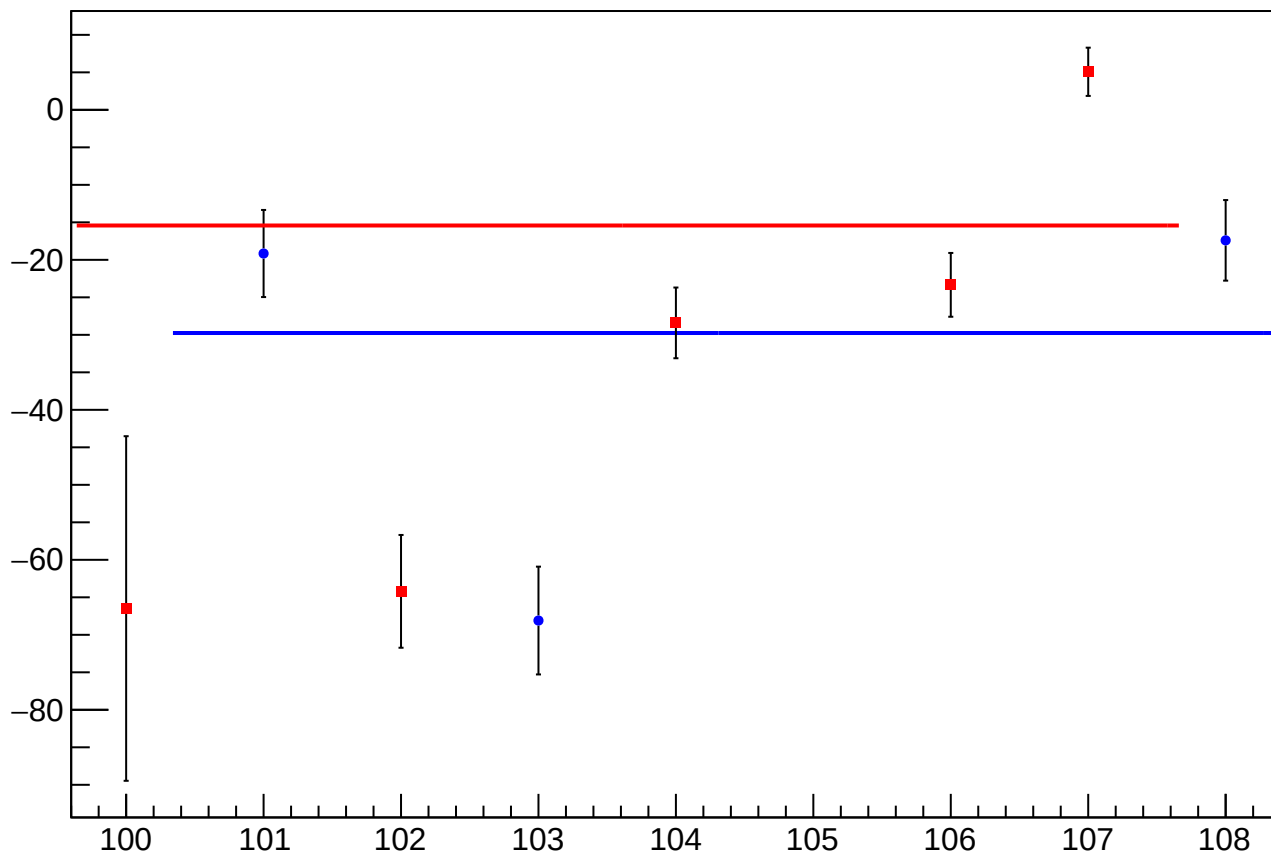
Right: 130.893 $\pm$ 2.365 χ^2 /NDF: 251.3/7

In: 161.202 $\pm$ 3.961 χ^2 /NDF:58.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 130.893 $\pm$ 2.365 χ^2 /NDF: 251.3/7

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -29.756 $\pm$ 3.457 χ^2 /NDF: 37.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -15.421 $\pm$ 2.149 χ^2 /NDF: 98.7/4

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

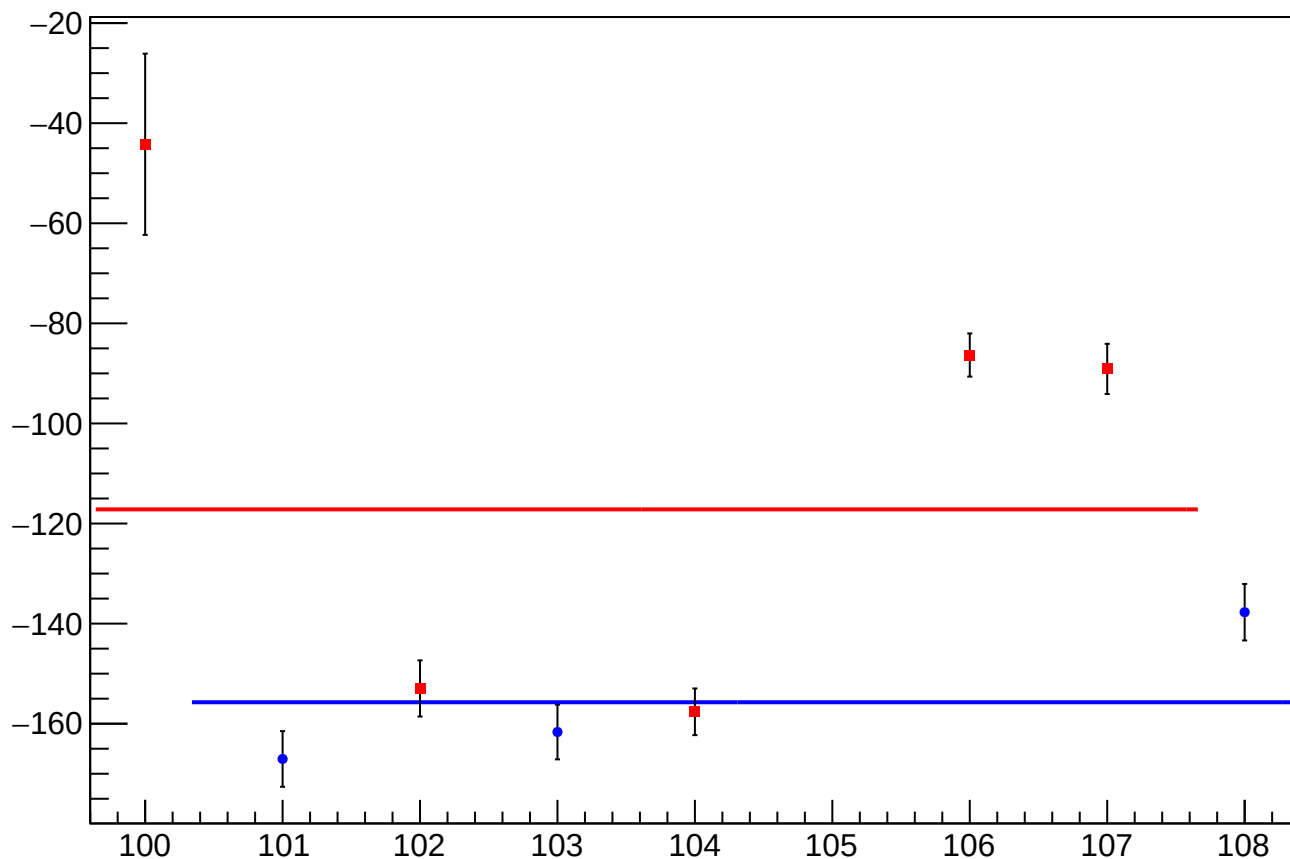
Right: -19.416 $\pm$ 1.825 χ^2 /NDF: 148.2/7

In: -29.756 $\pm$ 3.457 χ^2 /NDF:37.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -19.416 $\pm$ 1.825 χ^2 /NDF: 148.2/7

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -155.715 ± 3.208 $\chi^2/\text{NDF}: 15.5/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -117.175 ± 2.395 $\chi^2/\text{NDF}: 214.6/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

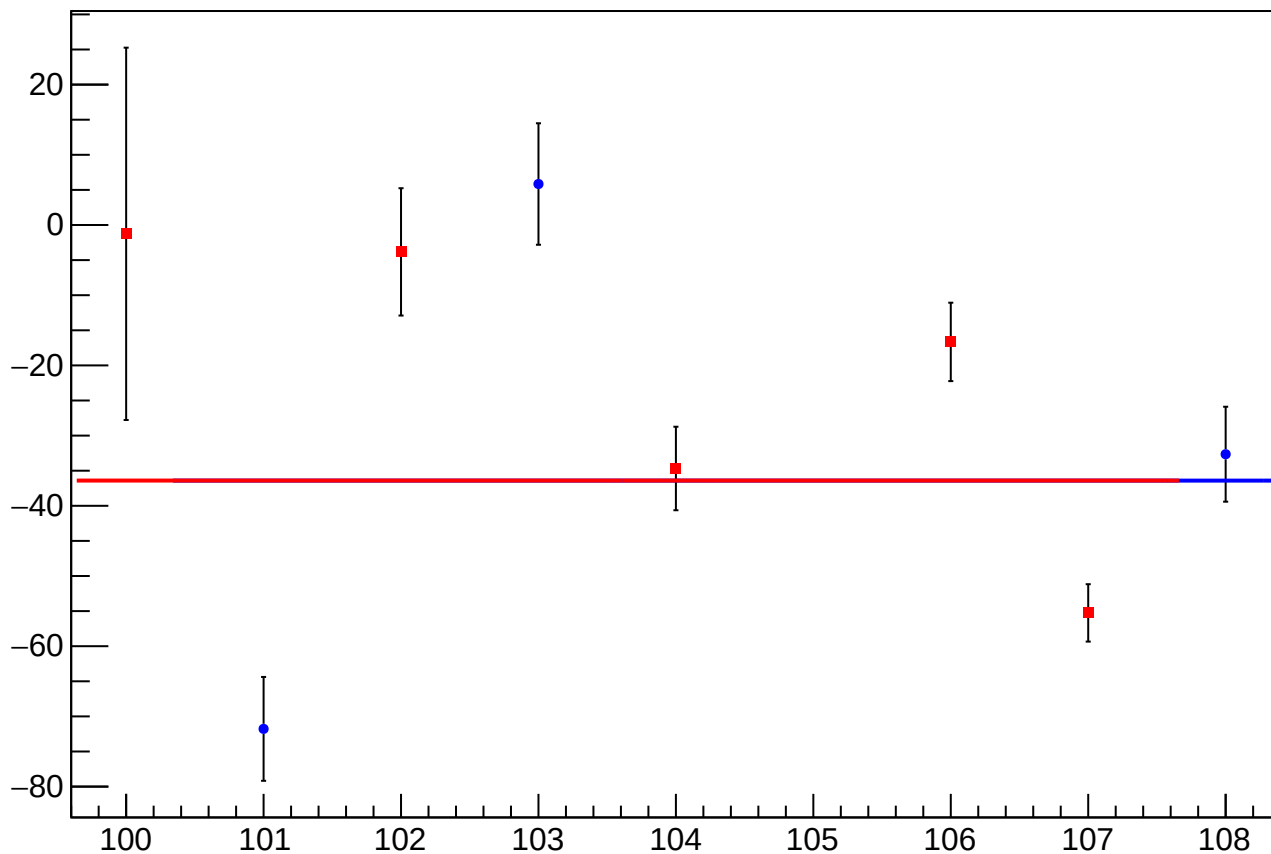
Right: -130.965 ± 1.919 $\chi^2/\text{NDF}: 322.8/7$

In: -155.715 ± 3.208 $\chi^2/\text{NDF}: 15.5/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -130.965 ± 1.919 $\chi^2/\text{NDF}: 322.8/7$

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -36.411 $\pm$ 4.323 χ^2 /NDF: 47.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -36.404 $\pm$ 2.735 χ^2 /NDF: 48.5/4

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

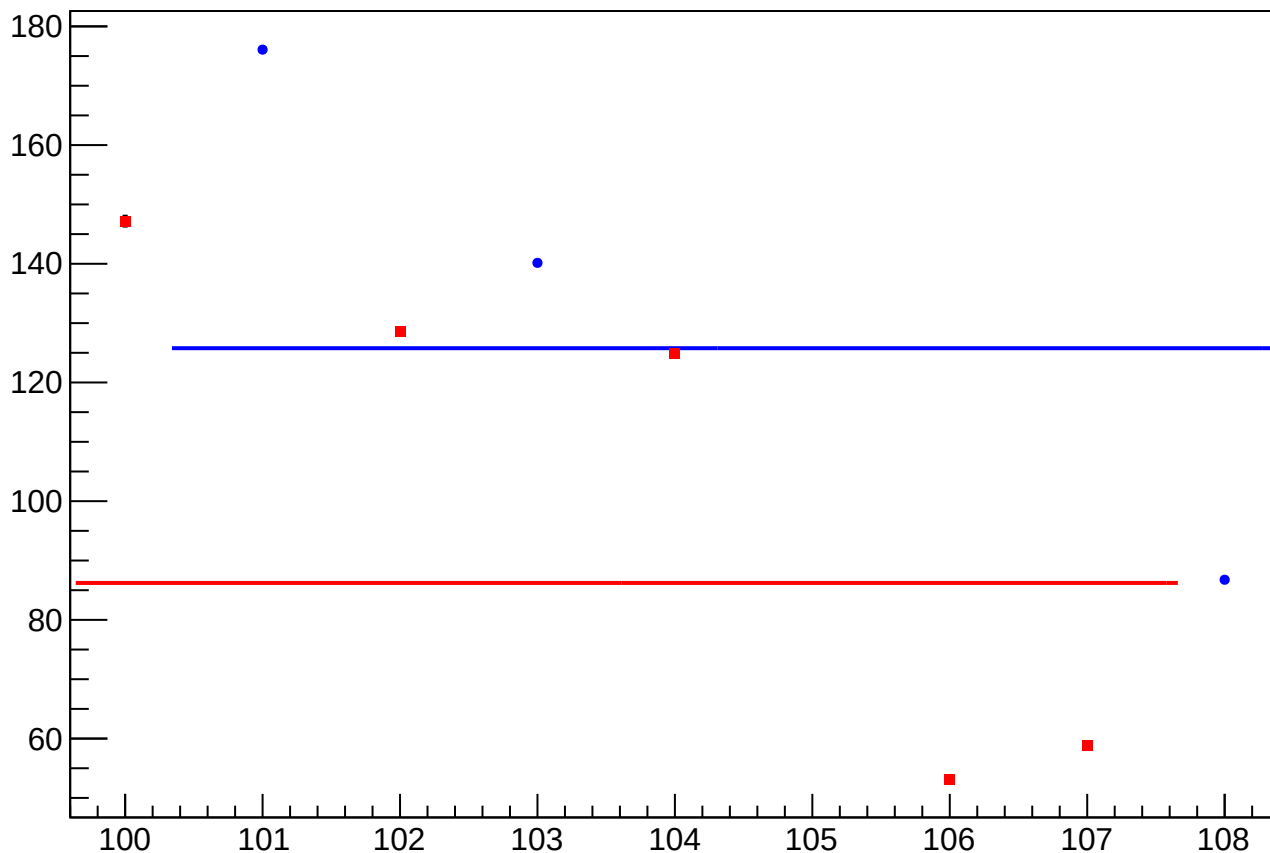
Right: -36.406 $\pm$ 2.311 χ^2 /NDF: 95.5/7

In: -36.411 $\pm$ 4.323 χ^2 /NDF:47.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -36.406 $\pm$ 2.311 χ^2 /NDF: 95.5/7

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 125.777 $\pm$ 0.147 χ^2 /NDF: 55281.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 86.224 $\pm$ 0.106 χ^2 /NDF: 111169.3/4

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

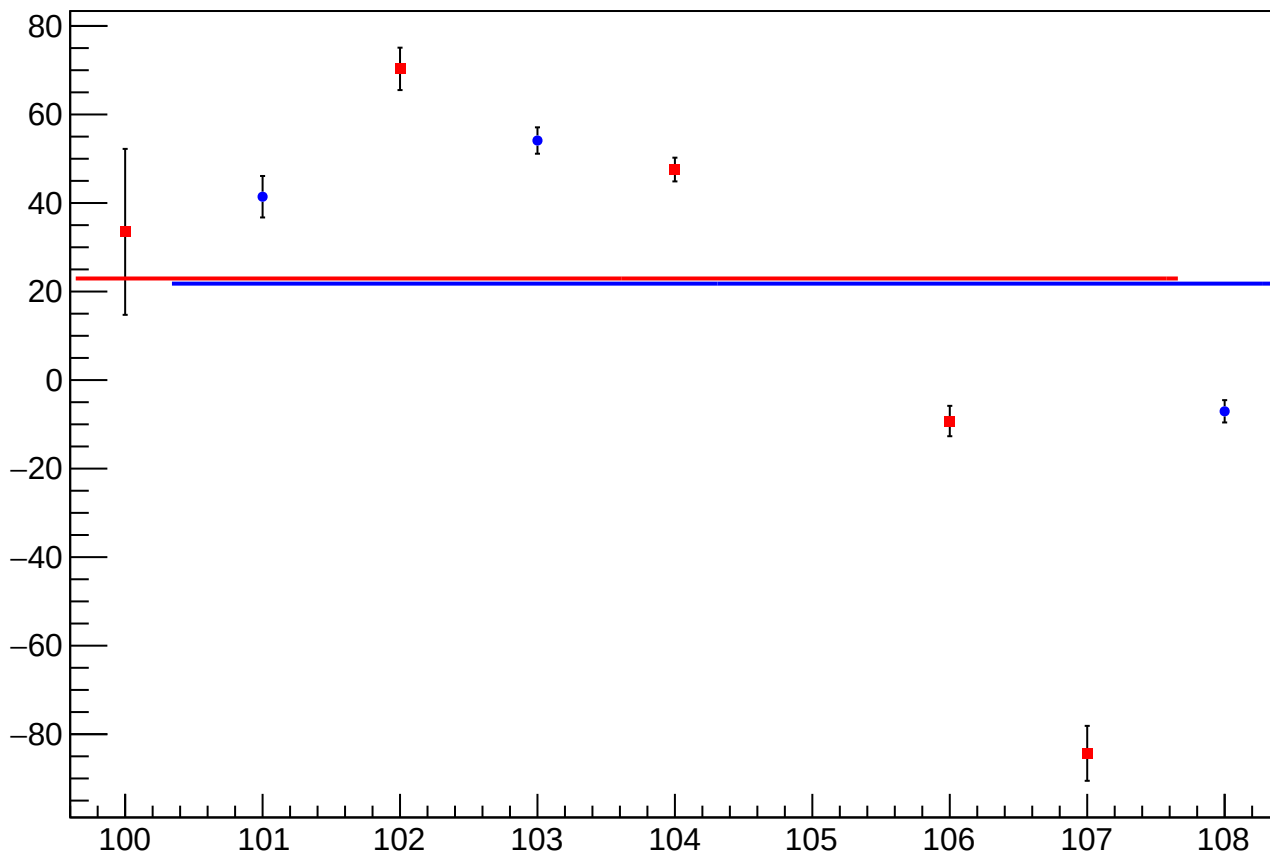
Right: 99.849 $\pm$ 0.086 χ^2 /NDF: 213982.6/7

In: 125.777 $\pm$ 0.147 χ^2 /NDF:55281.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 99.849 $\pm$ 0.086 χ^2 /NDF: 213982.6/7

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 21.788+/-1.780 χ^2/NDF : 266.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.947+/-1.836 χ^2/NDF : 569.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

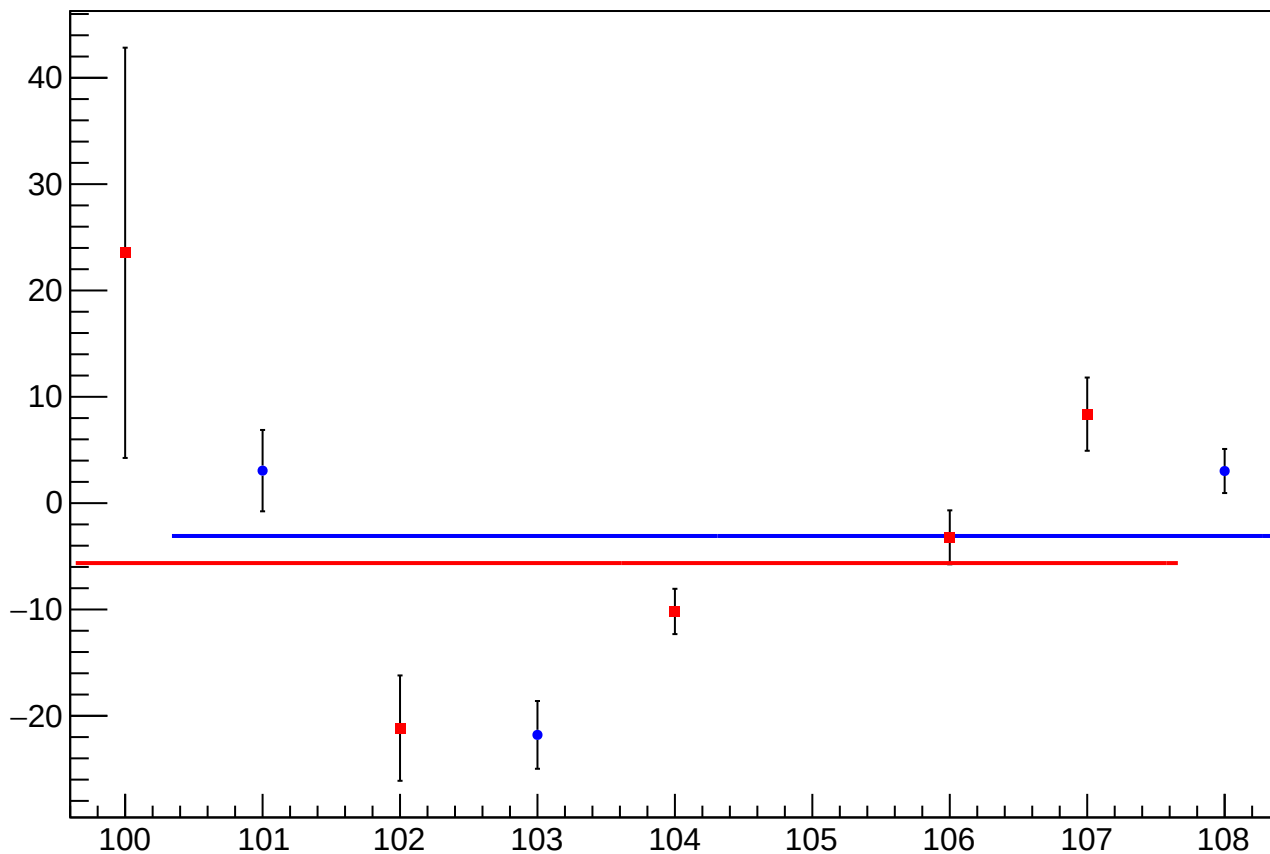
Right: 22.350+/-1.278 χ^2/NDF : 835.7/7

In: 21.788+/-1.780 χ^2/NDF : 266.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.350+/-1.278 χ^2/NDF : 835.7/7

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.087+/-1.582 χ^2/NDF : 45.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.635+/-1.409 χ^2/NDF : 34.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

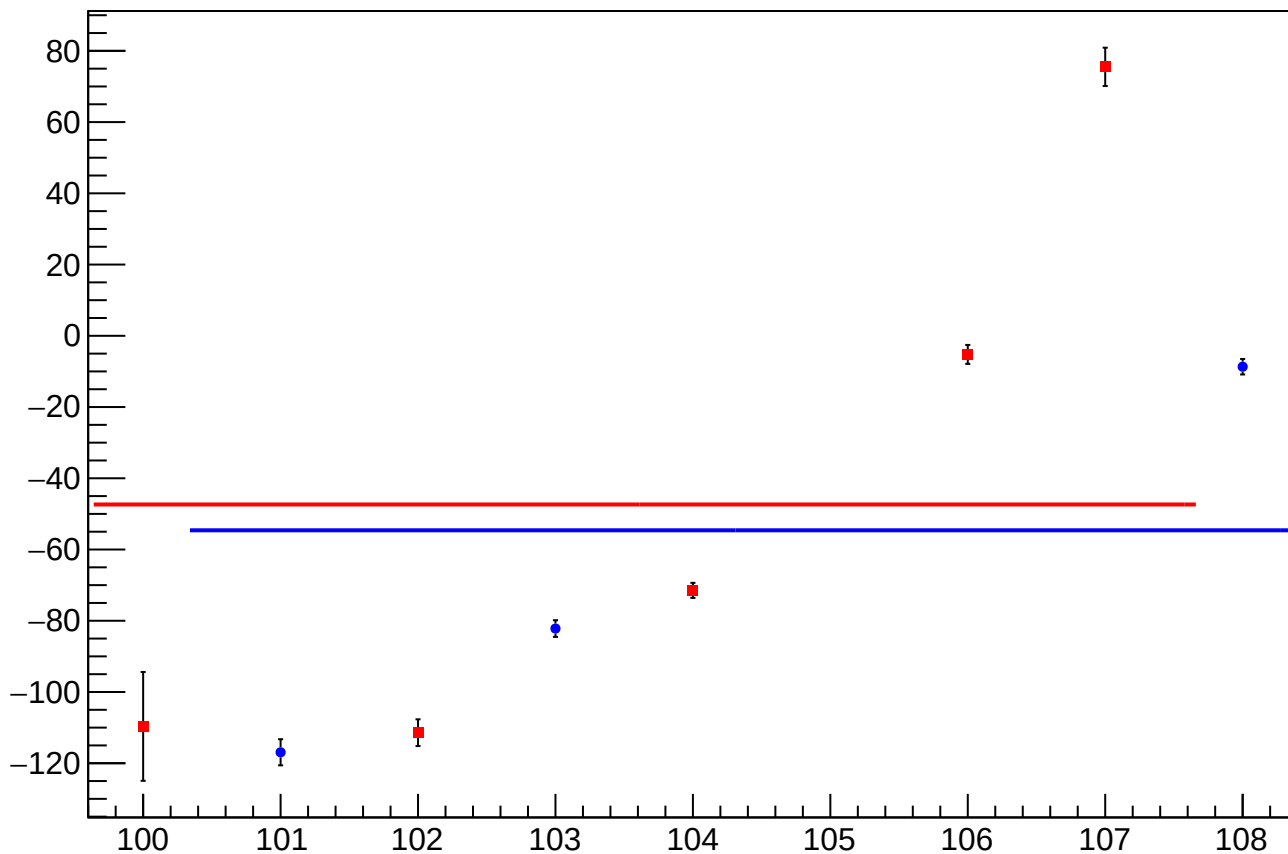
Right: -4.508+/-1.052 χ^2/NDF : 81.3/7

In: -3.087+/-1.582 χ^2/NDF : 45.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.508+/-1.052 χ^2/NDF : 81.3/7

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.607 $\pm$ 1.462 χ^2 /NDF: 873.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -47.358 $\pm$ 1.451 χ^2 /NDF: 1209.9/4

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

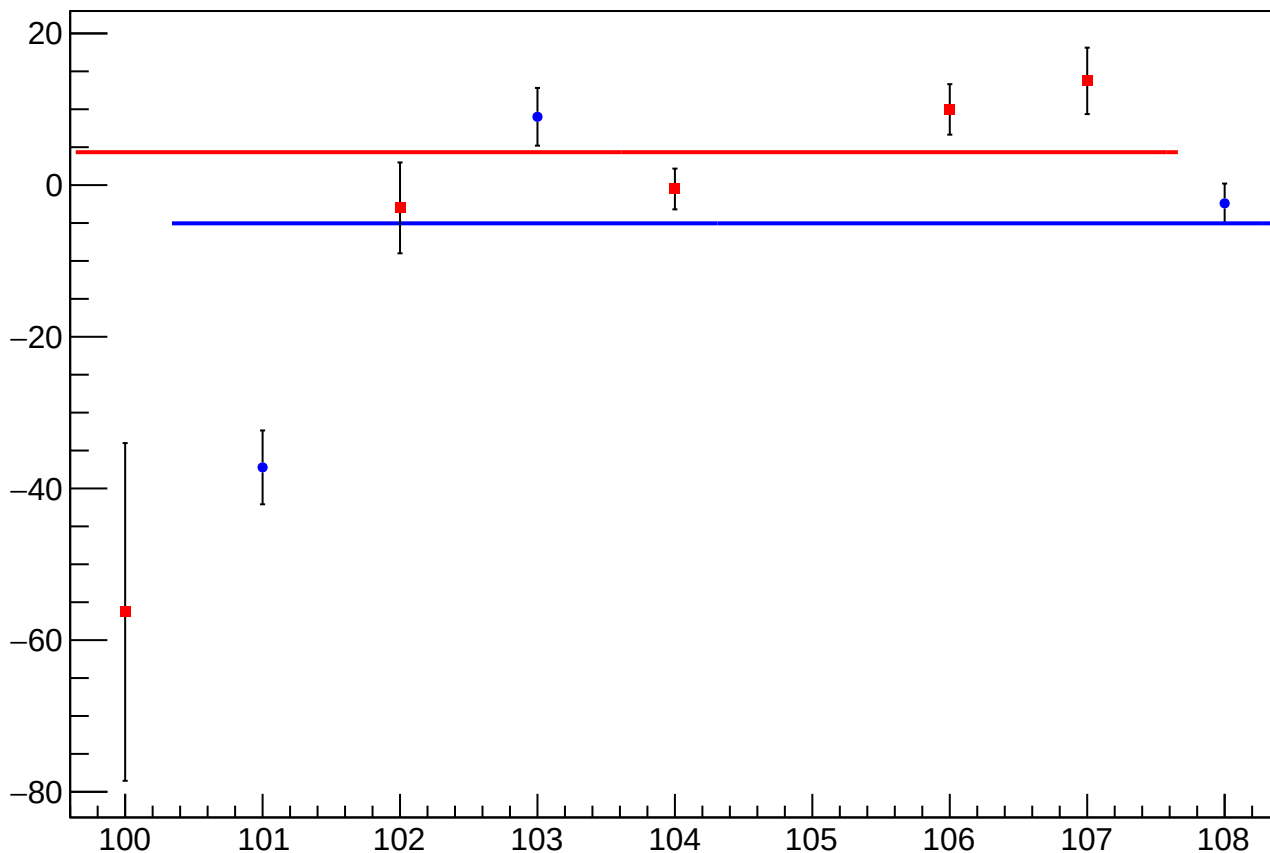
Right: -50.956 $\pm$ 1.030 χ^2 /NDF: 2095.2/7

In: -54.607 $\pm$ 1.462 χ^2 /NDF:873.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -50.956 $\pm$ 1.030 χ^2 /NDF: 2095.2/7

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.041+/-1.967 χ^2/NDF : 58.3/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 4.339+/-1.794 χ^2/NDF : 19.7/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

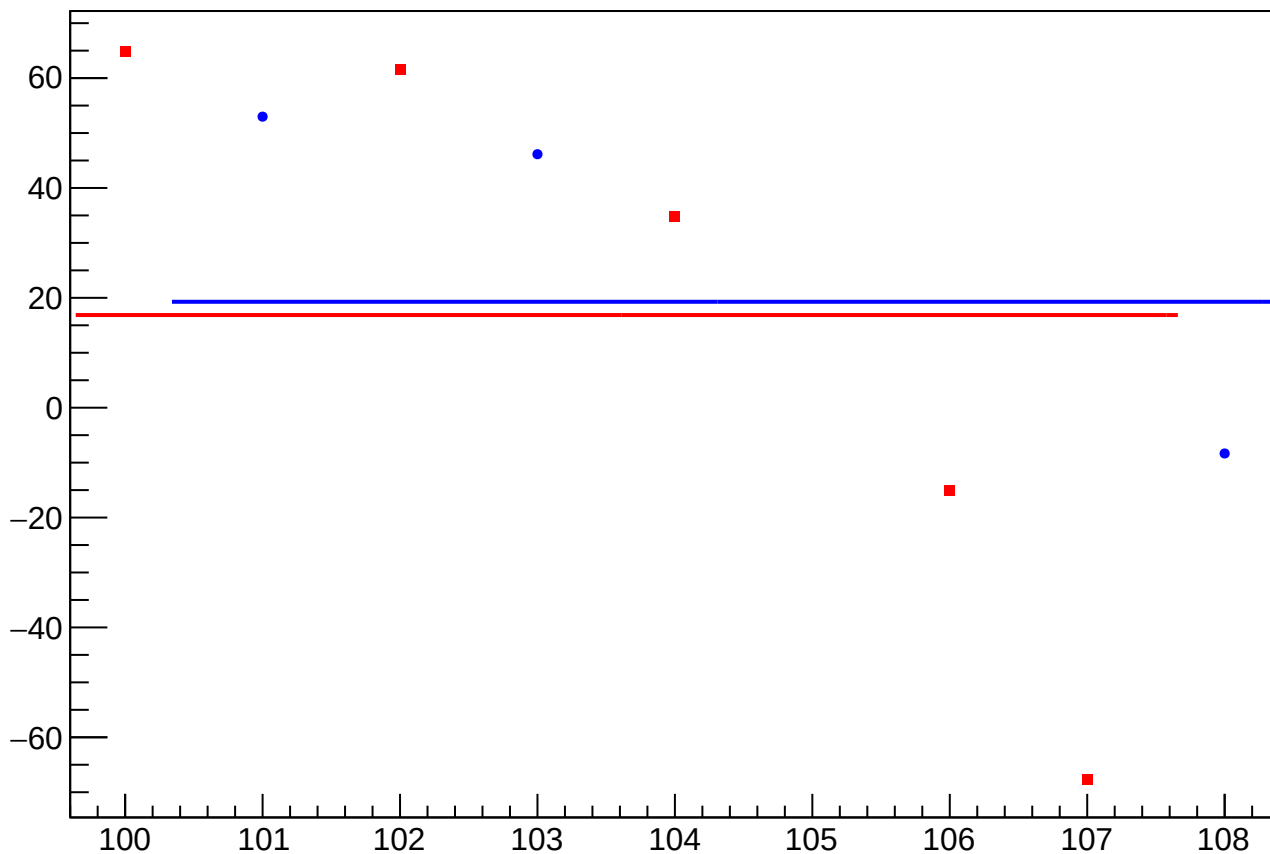
Right: 0.081+/-1.325 χ^2/NDF : 90.4/7

In: -5.041+/-1.967 χ^2/NDF :58.3/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.081+/-1.325 χ^2/NDF : 90.4/7

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 19.284+/-0.063 χ^2/NDF : 196201.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.867+/-0.069 χ^2/NDF : 316140.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

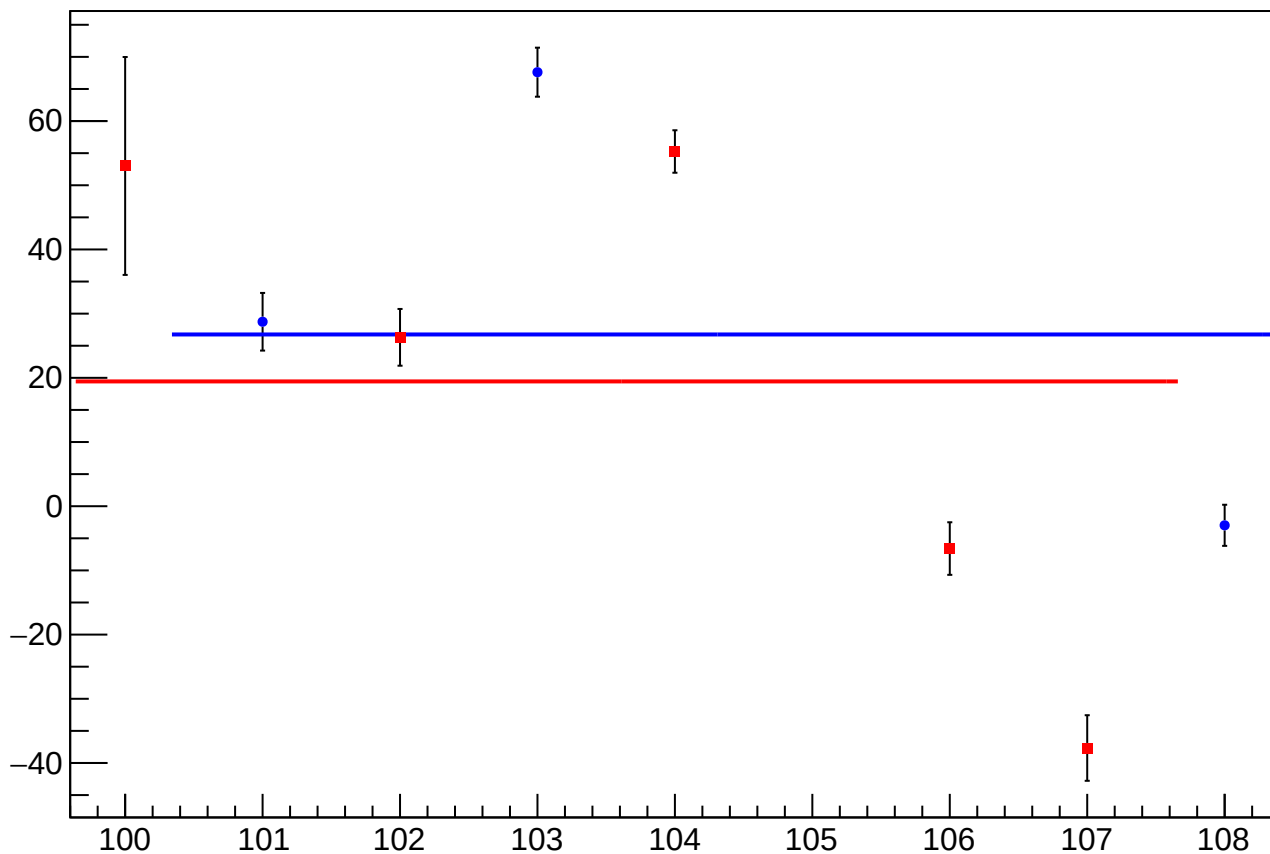
Right: 18.183+/-0.046 χ^2/NDF : 513014.1/7

In: 19.284+/-0.063 χ^2/NDF : 196201.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.183+/-0.046 χ^2/NDF : 513014.1/7

reg_asym_at1_dd_at2_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 26.756 $\pm$ 2.154 χ^2 /NDF: 200.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 19.441 $\pm$ 2.025 χ^2 /NDF: 288.9/4

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

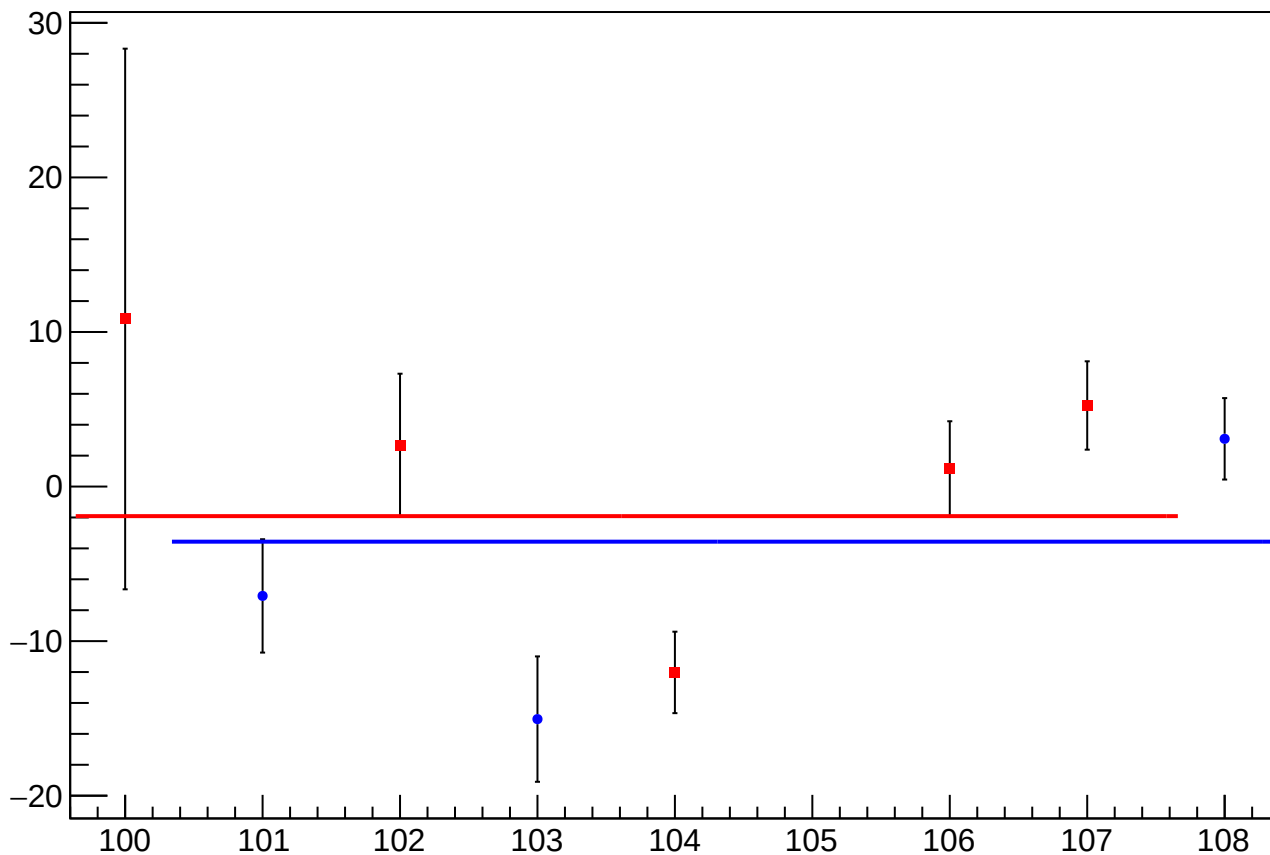
Right: 22.873 $\pm$ 1.475 χ^2 /NDF: 495.8/7

In: 26.756 $\pm$ 2.154 χ^2 /NDF: 200.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.873 $\pm$ 1.475 χ^2 /NDF: 495.8/7

reg_asym_at1_dd_at2_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.566+/-1.892 χ^2/NDF : 15.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.913+/-1.539 χ^2/NDF : 23.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

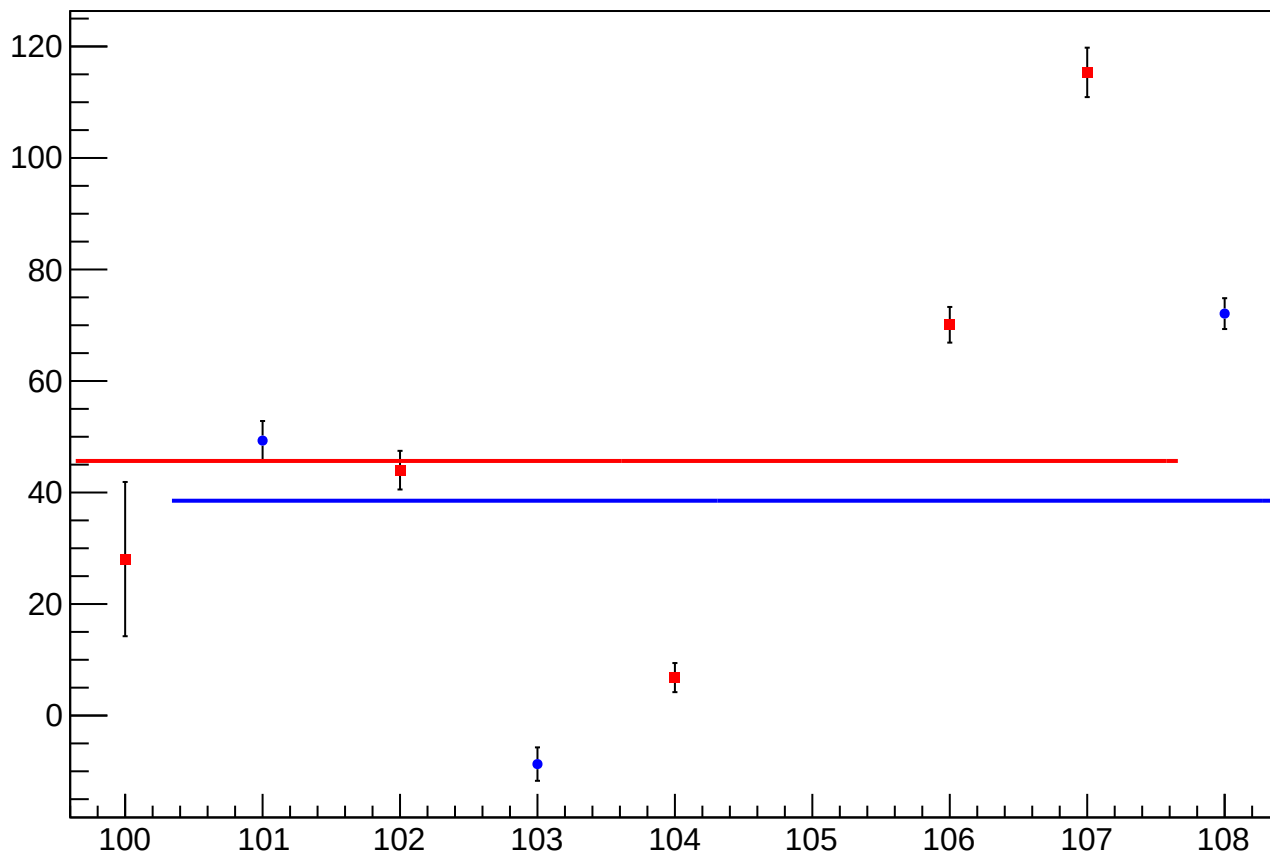
Right: -2.571+/-1.194 χ^2/NDF : 39.3/7

In: -3.566+/-1.892 χ^2/NDF : 15.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.571+/-1.194 χ^2/NDF : 39.3/7

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 38.529+/-1.760 χ^2/NDF : 405.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.659+/-1.614 χ^2/NDF : 528.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

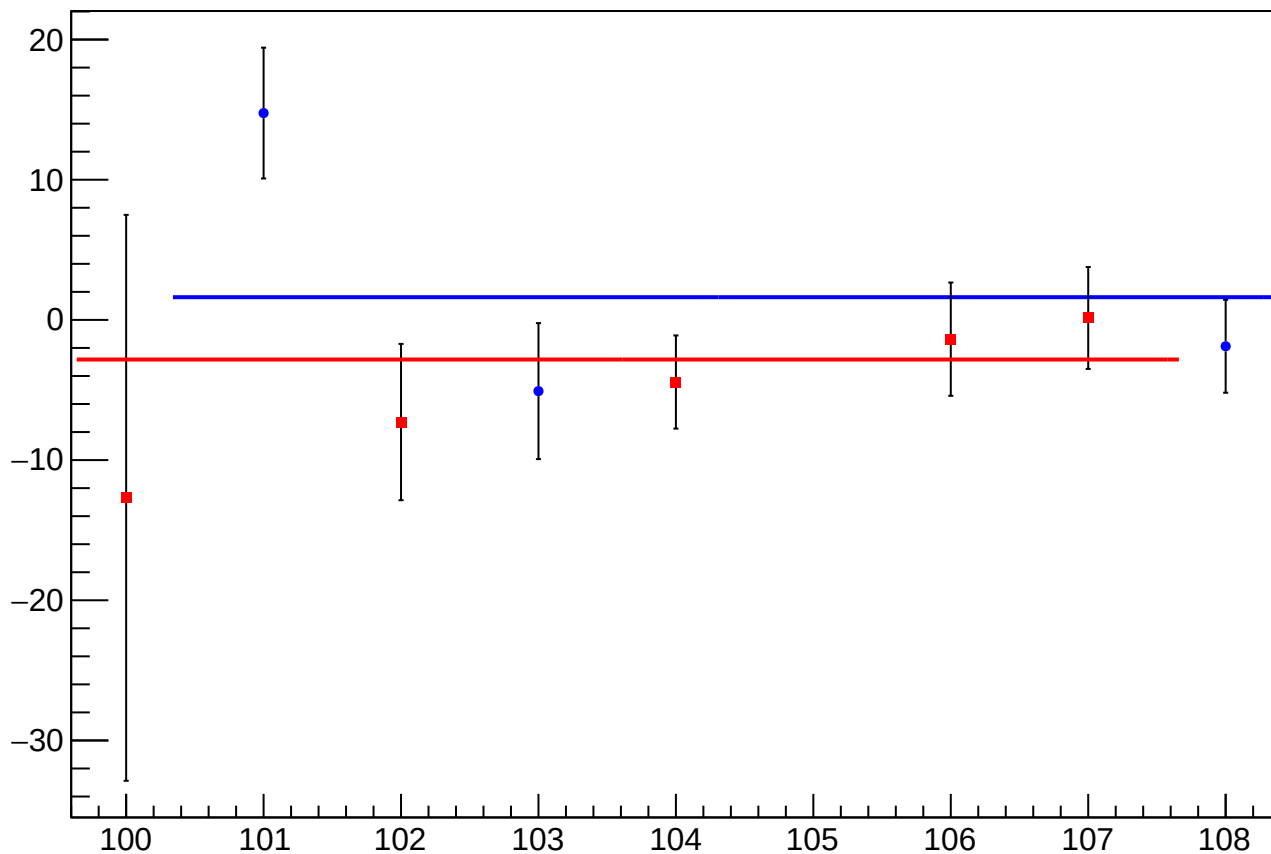
Right: 42.401+/-1.189 χ^2/NDF : 942.7/7

In: 38.529+/-1.760 χ^2/NDF : 405.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.401+/-1.189 χ^2/NDF : 942.7/7

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.621+/-2.361 χ^2/NDF : 10.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.825+/-1.953 χ^2/NDF : 1.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

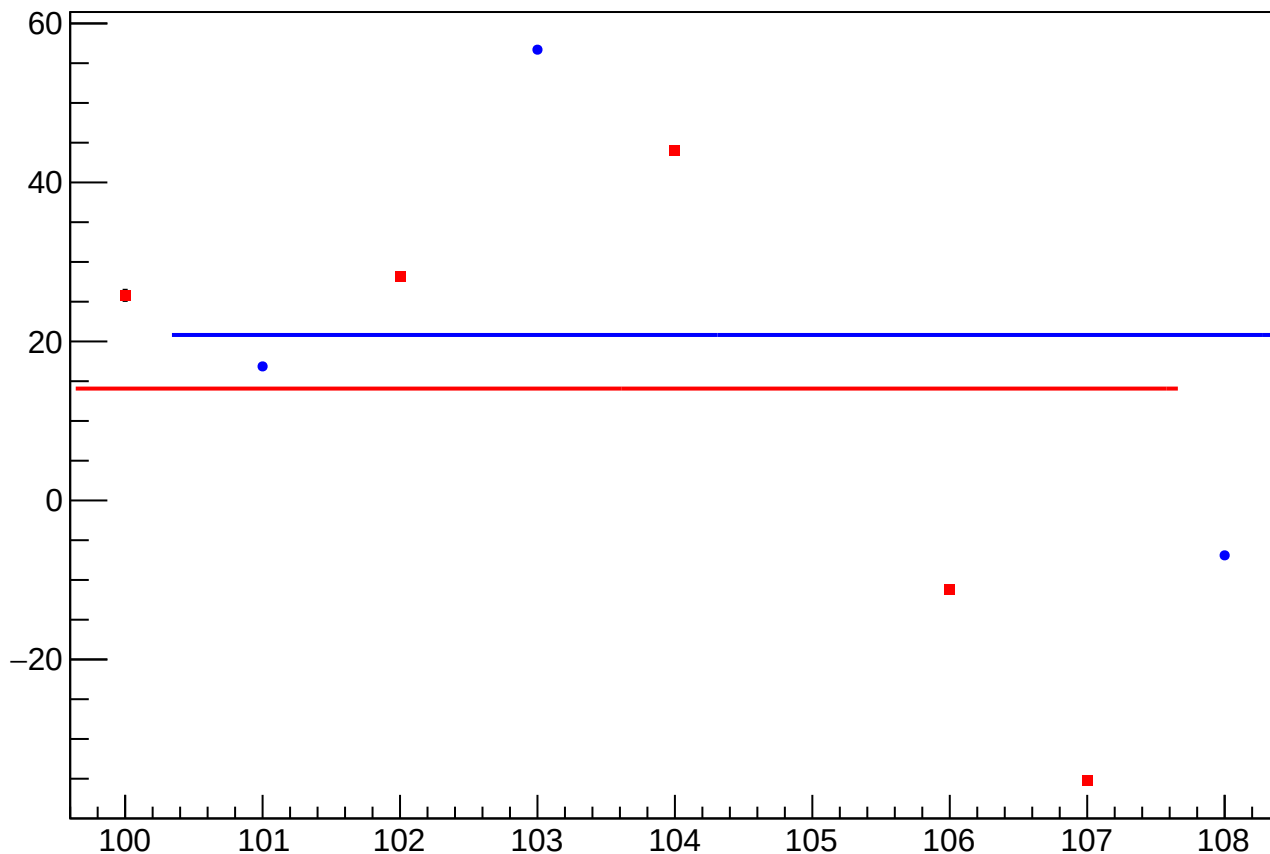
Right: -1.019+/-1.505 χ^2/NDF : 15.0/7

In: 1.621+/-2.361 χ^2/NDF : 10.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.019+/-1.505 χ^2/NDF : 15.0/7

reg_asym_at1_dd_at2_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 20.816+/-0.078 χ^2/NDF : 142005.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.072+/-0.075 χ^2/NDF : 165651.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

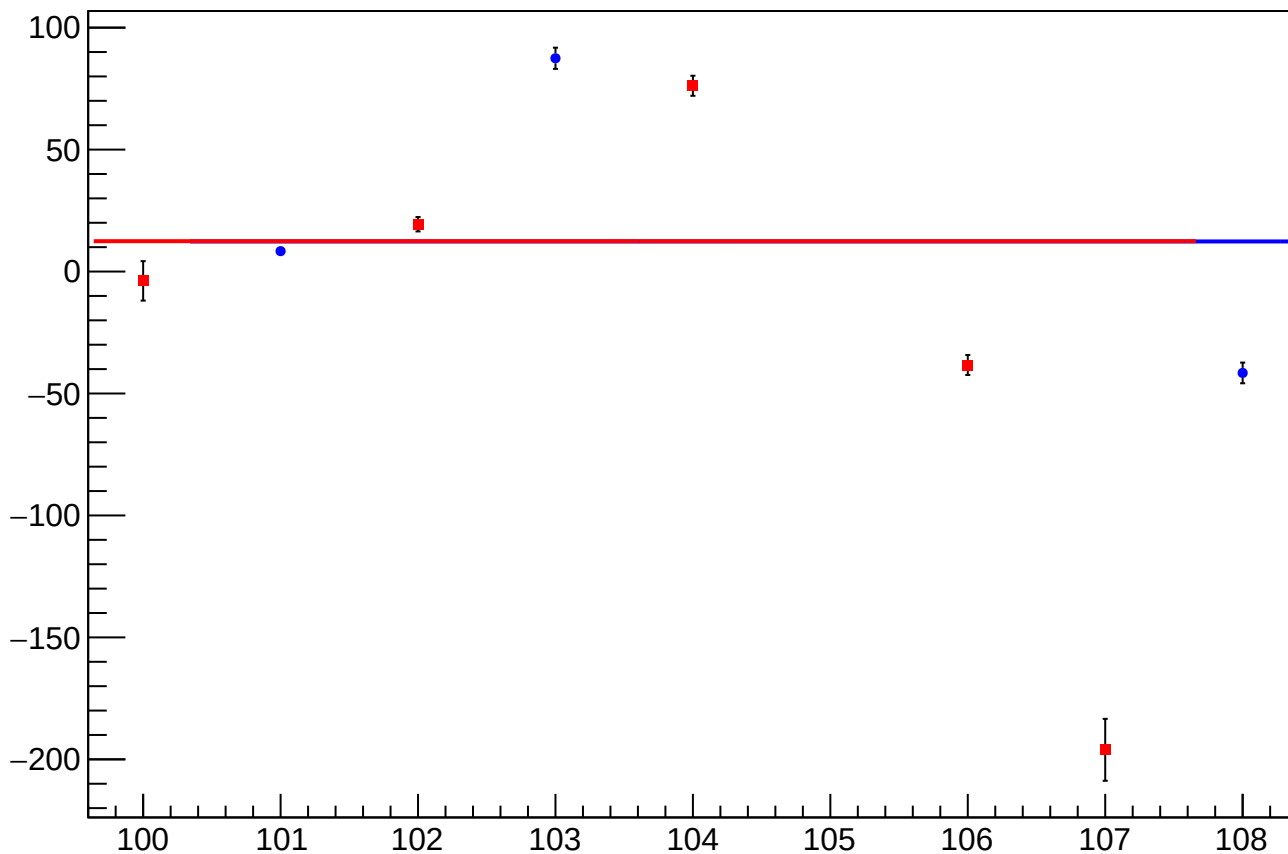
Right: 17.295+/-0.054 χ^2/NDF : 311567.0/7

In: 20.816+/-0.078 χ^2/NDF : 142005.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.295+/-0.054 χ^2/NDF : 311567.0/7

reg_asym_usl_atl1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 12.340+/-1.675 χ^2/NDF : 464.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.453+/-1.982 χ^2/NDF : 673.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

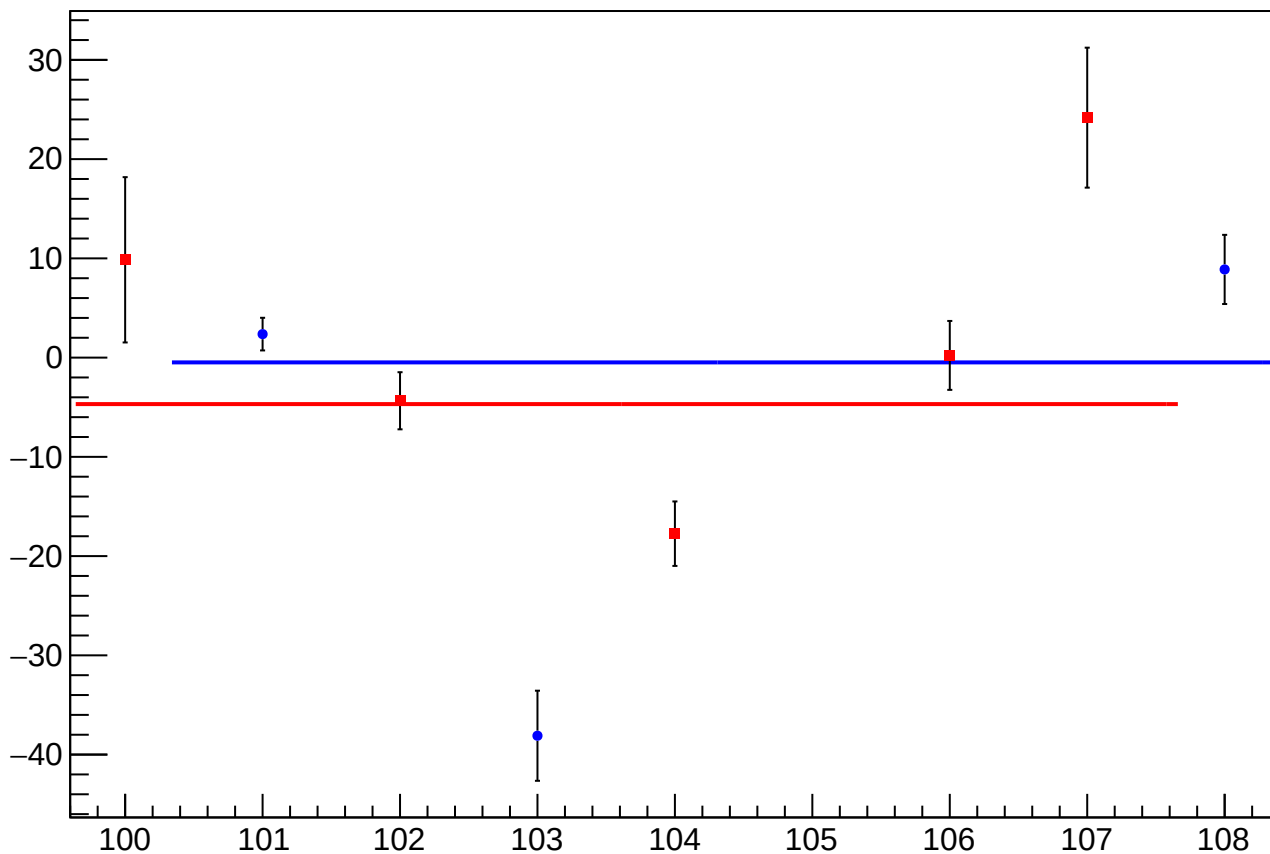
Right: 12.387+/-1.279 χ^2/NDF : 1138.0/7

In: 12.340+/-1.675 χ^2/NDF : 464.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.387+/-1.279 χ^2/NDF : 1138.0/7

reg_asym_usl_atl1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.482+/-1.413 χ^2/NDF : 78.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.683+/-1.733 χ^2/NDF : 38.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

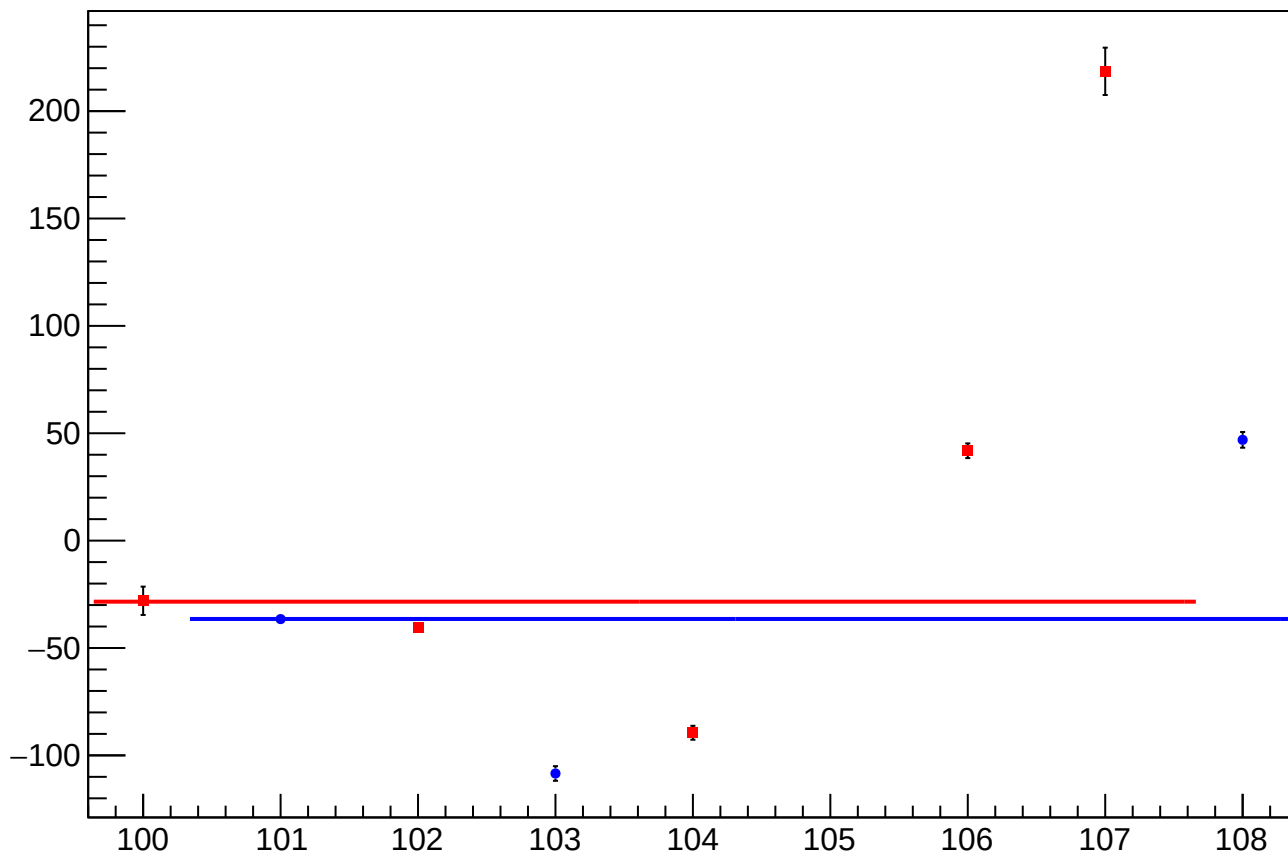
Right: -2.160+/-1.095 χ^2/NDF : 120.4/7

In: -0.482+/-1.413 χ^2/NDF : 78.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.160+/-1.095 χ^2/NDF : 120.4/7

reg_asym_usl_atl1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -36.479 ± 1.330 $\chi^2/\text{NDF}: 964.9/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -28.426 ± 1.585 $\chi^2/\text{NDF}: 1304.6/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

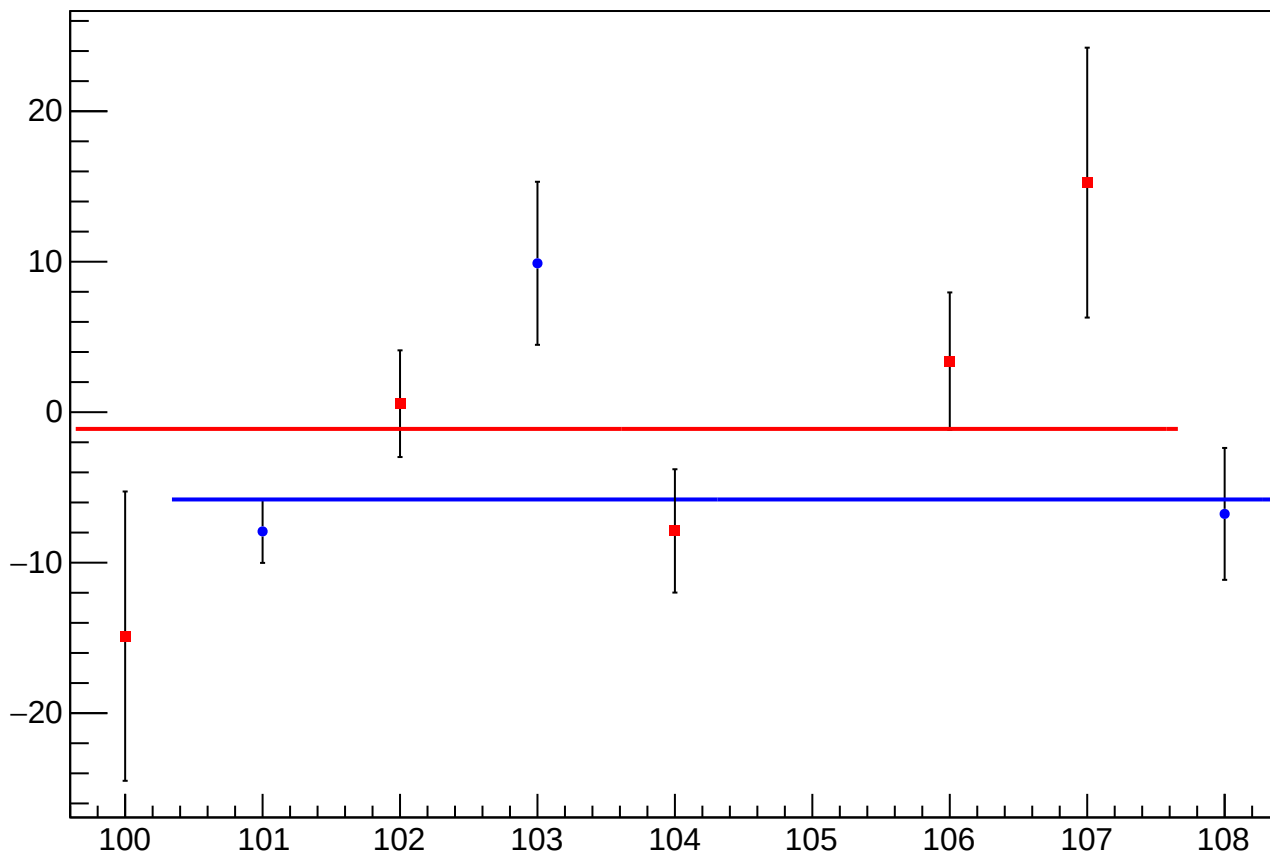
Right: -33.152 ± 1.019 $\chi^2/\text{NDF}: 2284.6/7$

In: -36.479 ± 1.330 $\chi^2/\text{NDF}: 964.9/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -33.152 ± 1.019 $\chi^2/\text{NDF}: 2284.6/7$

reg_asym_usl_atl1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.800+/-1.783 χ^2/NDF : 9.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.111+/-2.181 χ^2/NDF : 9.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

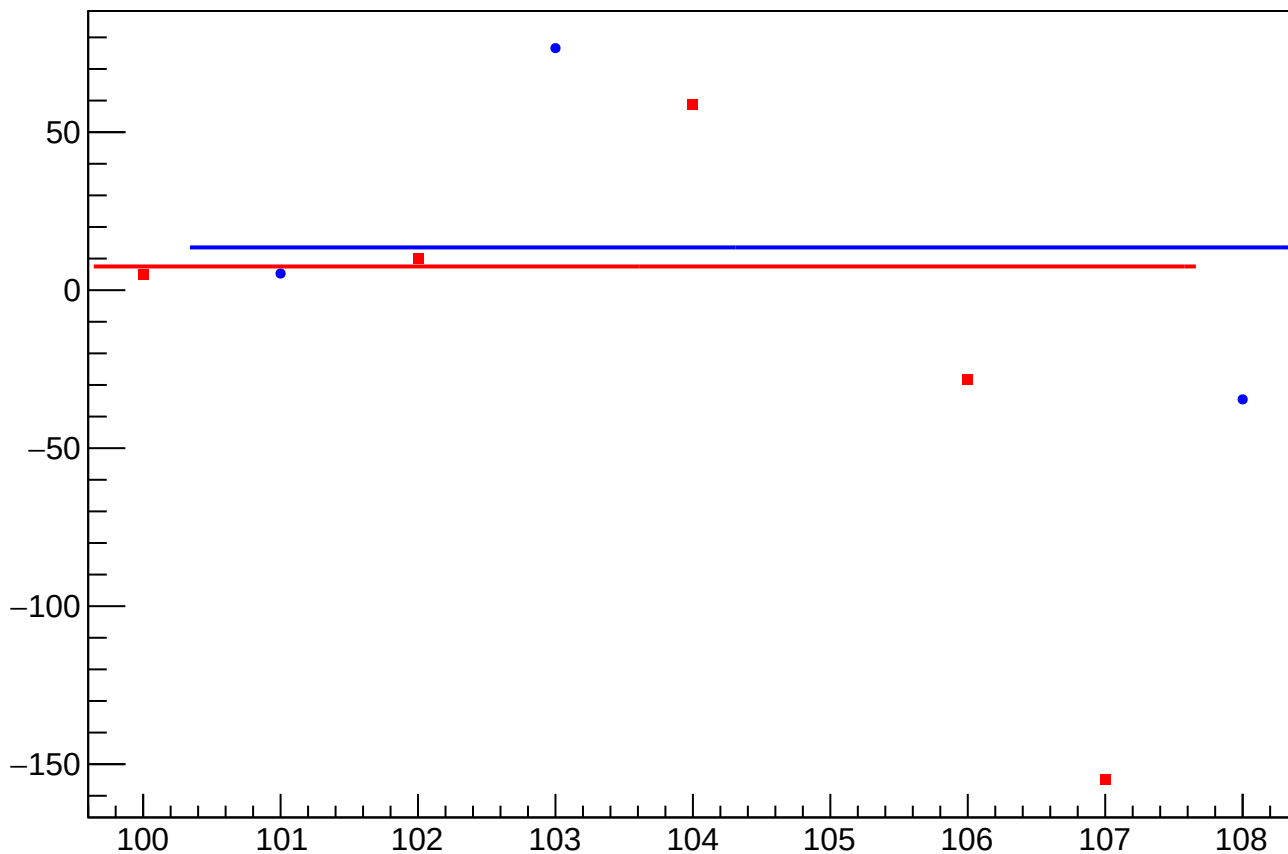
Right: -3.921+/-1.380 χ^2/NDF : 21.6/7

In: -5.800+/-1.783 χ^2/NDF : 9.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.921+/-1.380 χ^2/NDF : 21.6/7

reg_asym_usl_atl1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 13.531+/-0.069 χ^2/NDF : 307453.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.501+/-0.073 χ^2/NDF : 291660.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

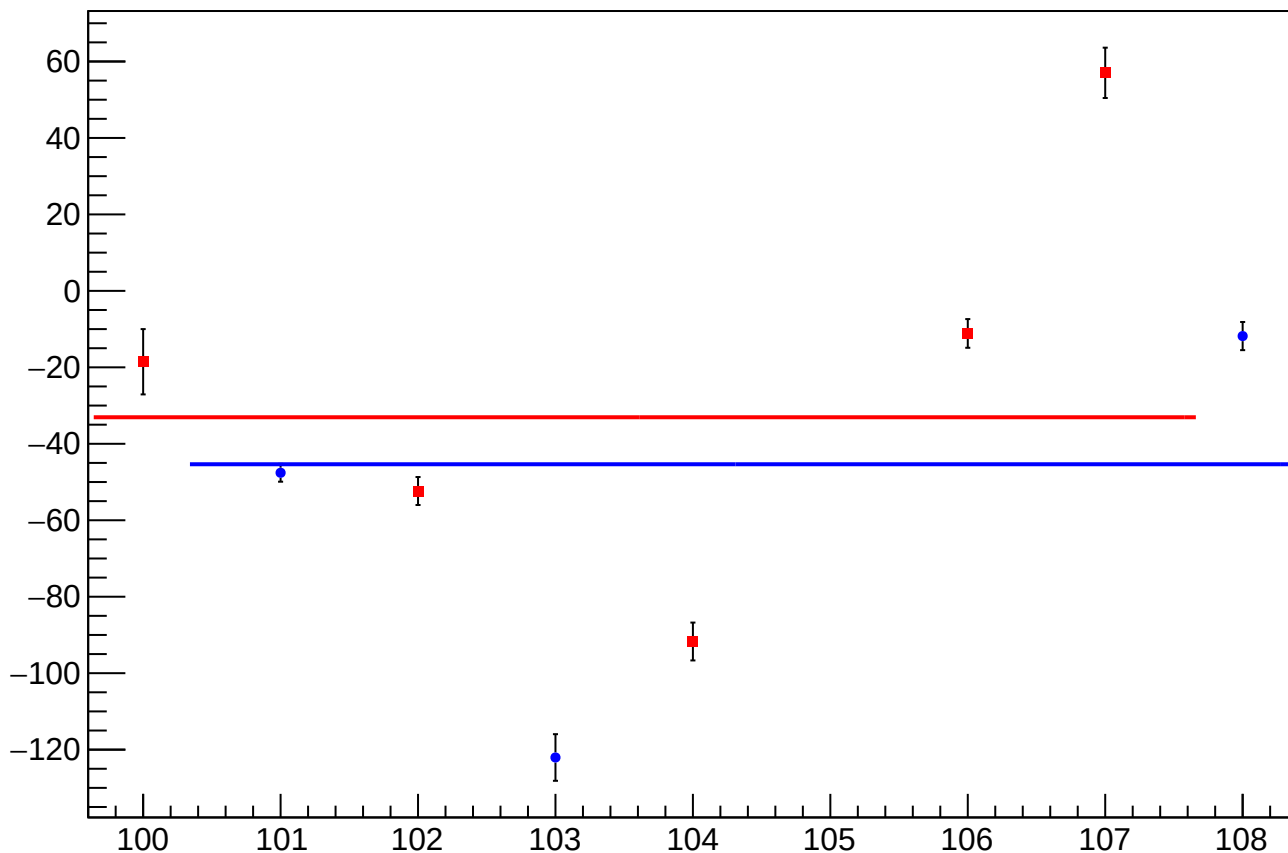
Right: 10.667+/-0.050 χ^2/NDF : 602717.4/7

In: 13.531+/-0.069 χ^2/NDF : 307453.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.667+/-0.050 χ^2/NDF : 602717.4/7

reg_asym_usl_atl1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -45.350+/-1.876 χ^2/NDF : 242.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -33.058+/-2.117 χ^2/NDF : 392.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

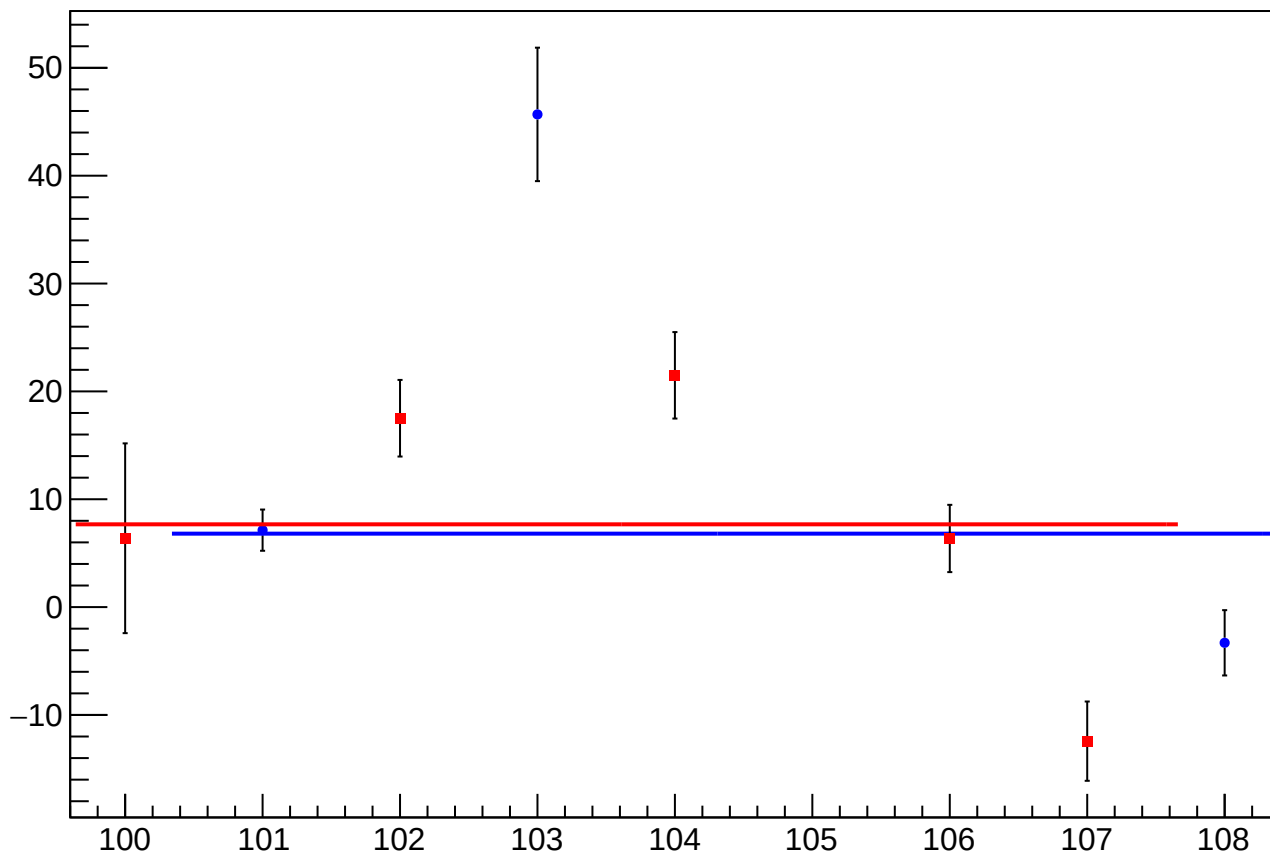
Right: -39.941+/-1.404 χ^2/NDF : 653.3/7

In: -45.350+/-1.876 χ^2/NDF : 242.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.941+/-1.404 χ^2/NDF : 653.3/7

reg_asym_usl_atl1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.809+/-1.564 χ^2/NDF : 50.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.675+/-1.738 χ^2/NDF : 49.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

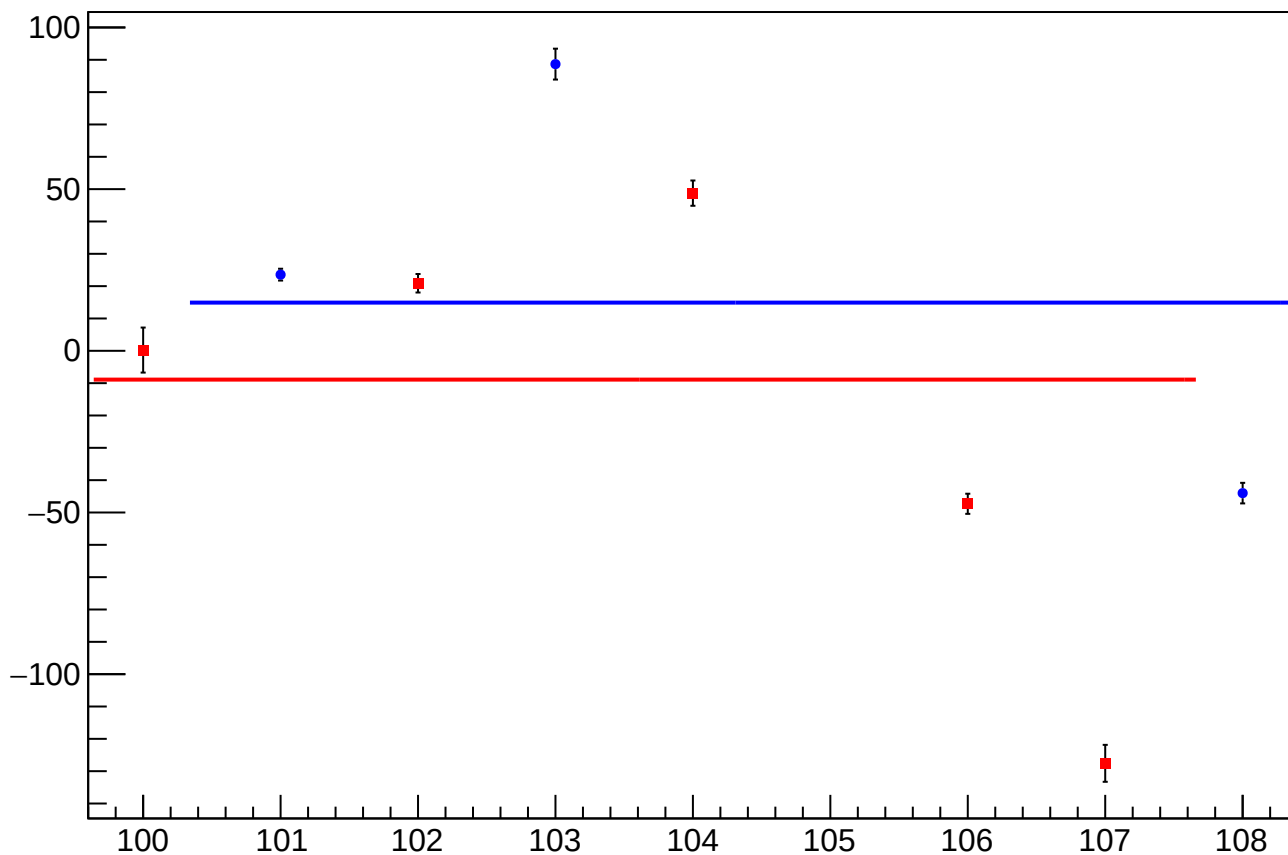
Right: 7.197+/-1.162 χ^2/NDF : 100.5/7

In: 6.809+/-1.564 χ^2/NDF : 50.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.197+/-1.162 χ^2/NDF : 100.5/7

reg_asym_usl_atl1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 14.910 $\pm$ 1.504 χ^2 /NDF: 604.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -8.904 $\pm$ 1.710 χ^2 /NDF: 911.7/4

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

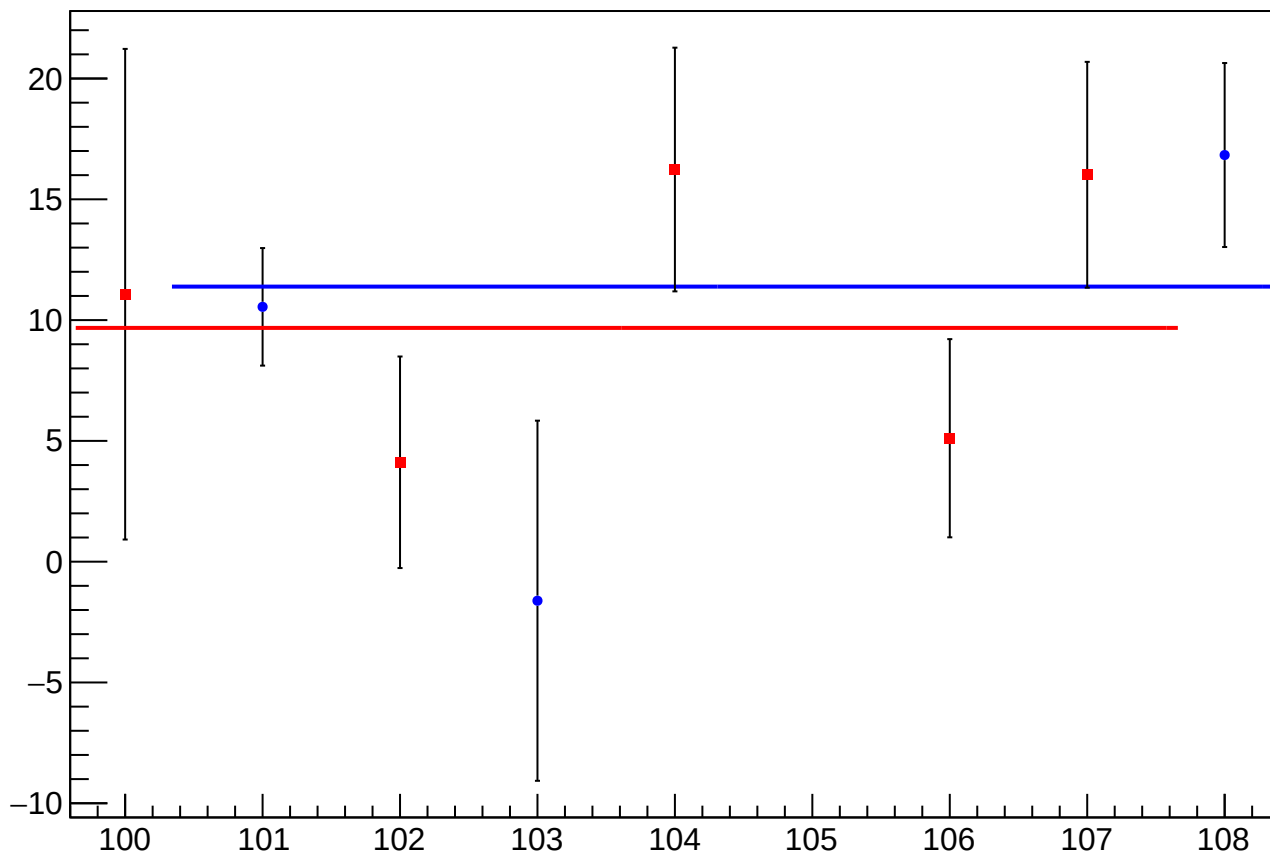
Right: 4.523 $\pm$ 1.129 χ^2 /NDF: 1625.1/7

In: 14.910 $\pm$ 1.504 χ^2 /NDF:604.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4.523 $\pm$ 1.129 χ^2 /NDF: 1625.1/7

reg_asym_usl_atl1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.387 $\pm$ 1.977 χ^2 /NDF: 5.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.677 $\pm$ 2.201 χ^2 /NDF: 6.4/4

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

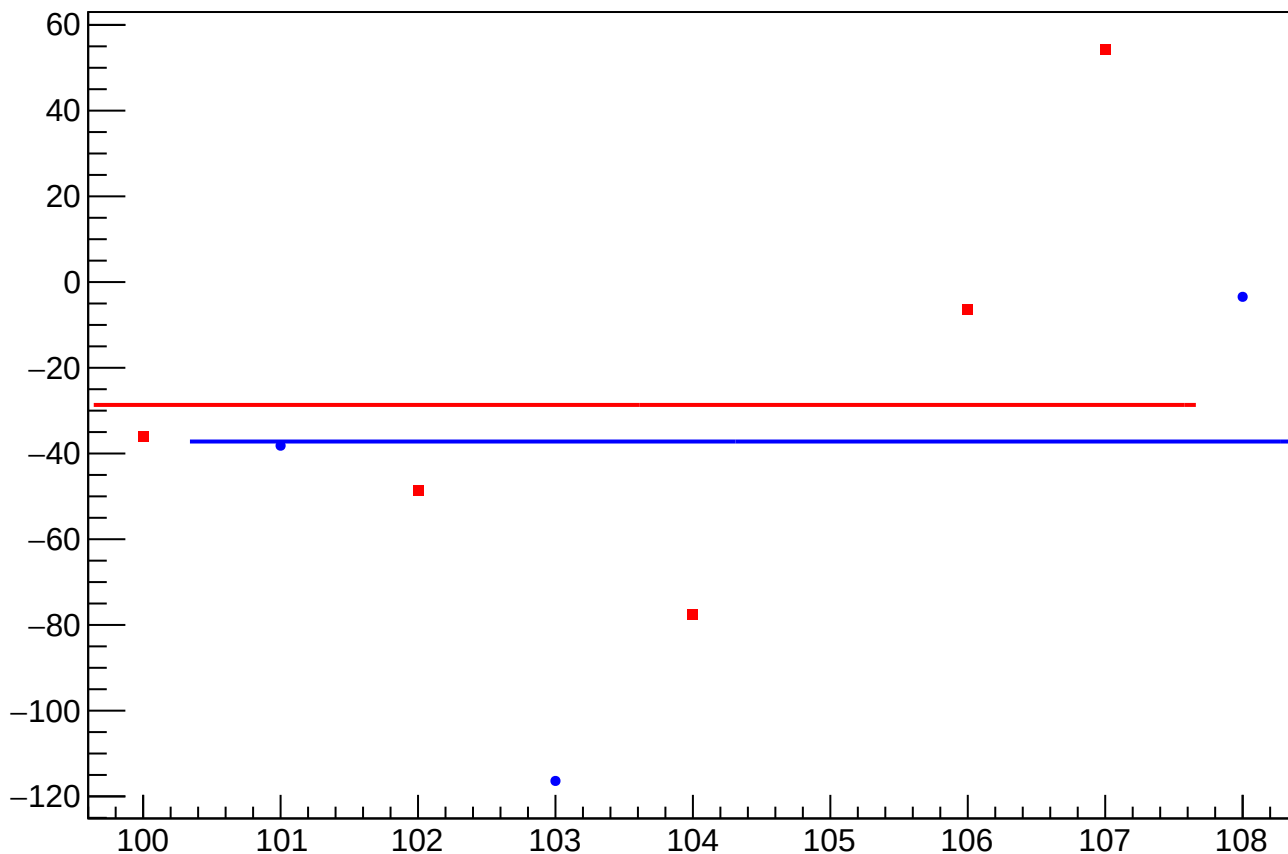
Right: 10.623 $\pm$ 1.471 χ^2 /NDF: 11.9/7

In: 11.387 $\pm$ 1.977 χ^2 /NDF: 5.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.623 $\pm$ 1.471 χ^2 /NDF: 11.9/7

reg_asym_usl_atl1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -37.202 $\pm$ 0.077 χ^2 /NDF: 220501.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -28.665 $\pm$ 0.078 χ^2 /NDF: 242123.6/4

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

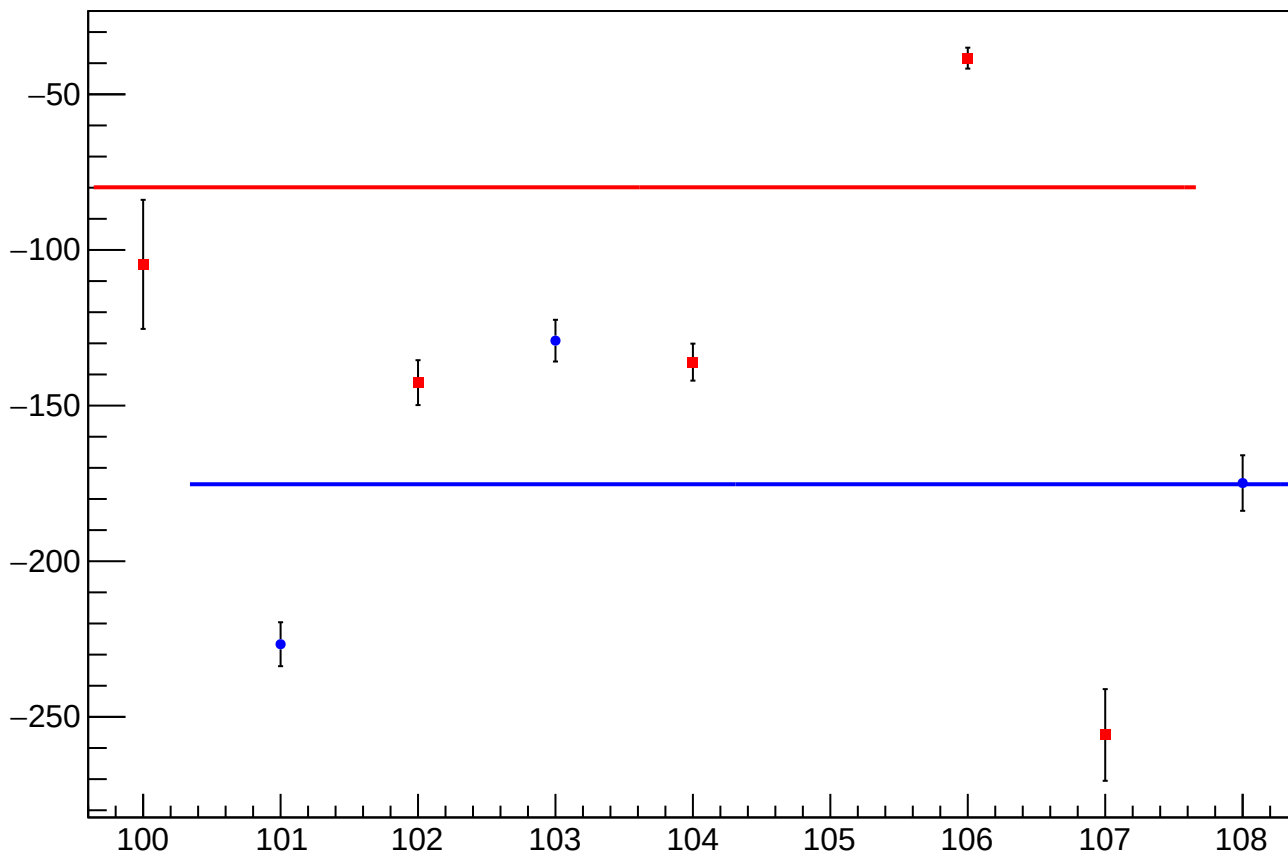
Right: -33.005 $\pm$ 0.055 χ^2 /NDF: 468656.1/7

In: -37.202 $\pm$ 0.077 χ^2 /NDF:220501.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -33.005 $\pm$ 0.055 χ^2 /NDF: 468656.1/7

reg_asym_usl_atl2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -175.266+/-4.268 χ^2/NDF : 100.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -79.868+/-2.646 χ^2/NDF : 461.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

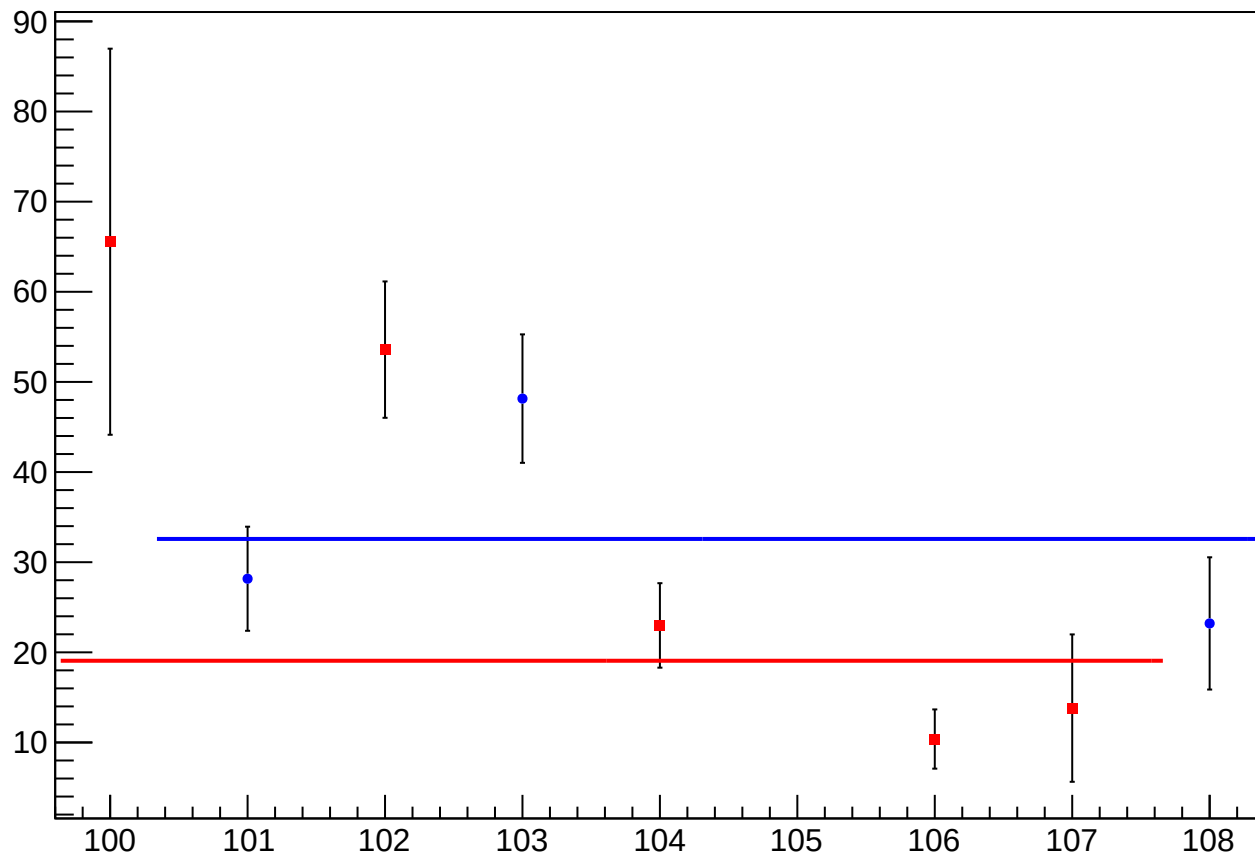
Right: -106.351+/-2.249 χ^2/NDF : 922.7/7

In: -175.266+/-4.268 χ^2/NDF : 100.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -106.351+/-2.249 χ^2/NDF : 922.7/7

reg_asym_usl_atl2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.580+/-3.828 χ^2/NDF : 7.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.066+/-2.406 χ^2/NDF : 33.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

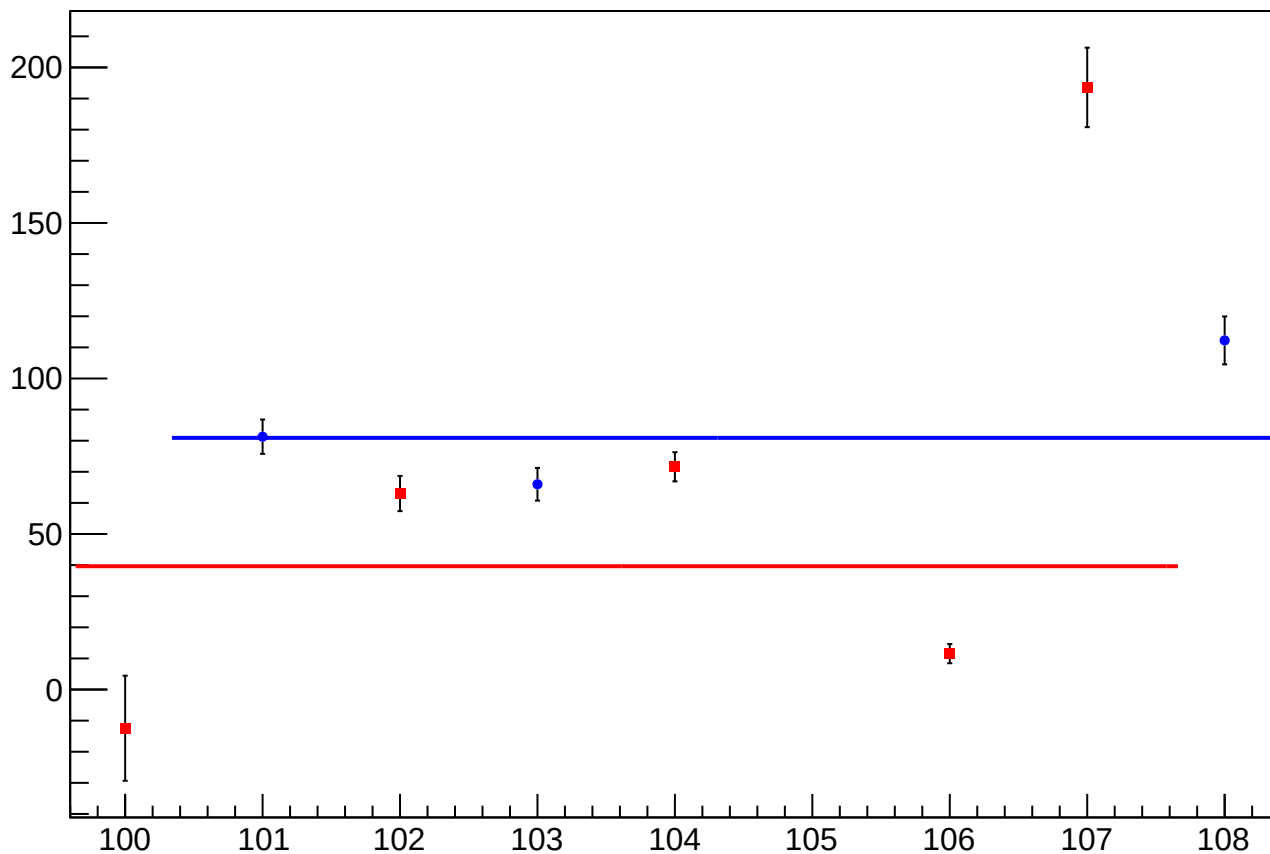
Right: 22.893+/-2.037 χ^2/NDF : 49.6/7

In: 32.580+/-3.828 χ^2/NDF : 7.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.893+/-2.037 χ^2/NDF : 49.6/7

reg_asym_usl_atl2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 80.917+/-3.414 χ^2/NDF : 24.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.642+/-2.286 χ^2/NDF : 301.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

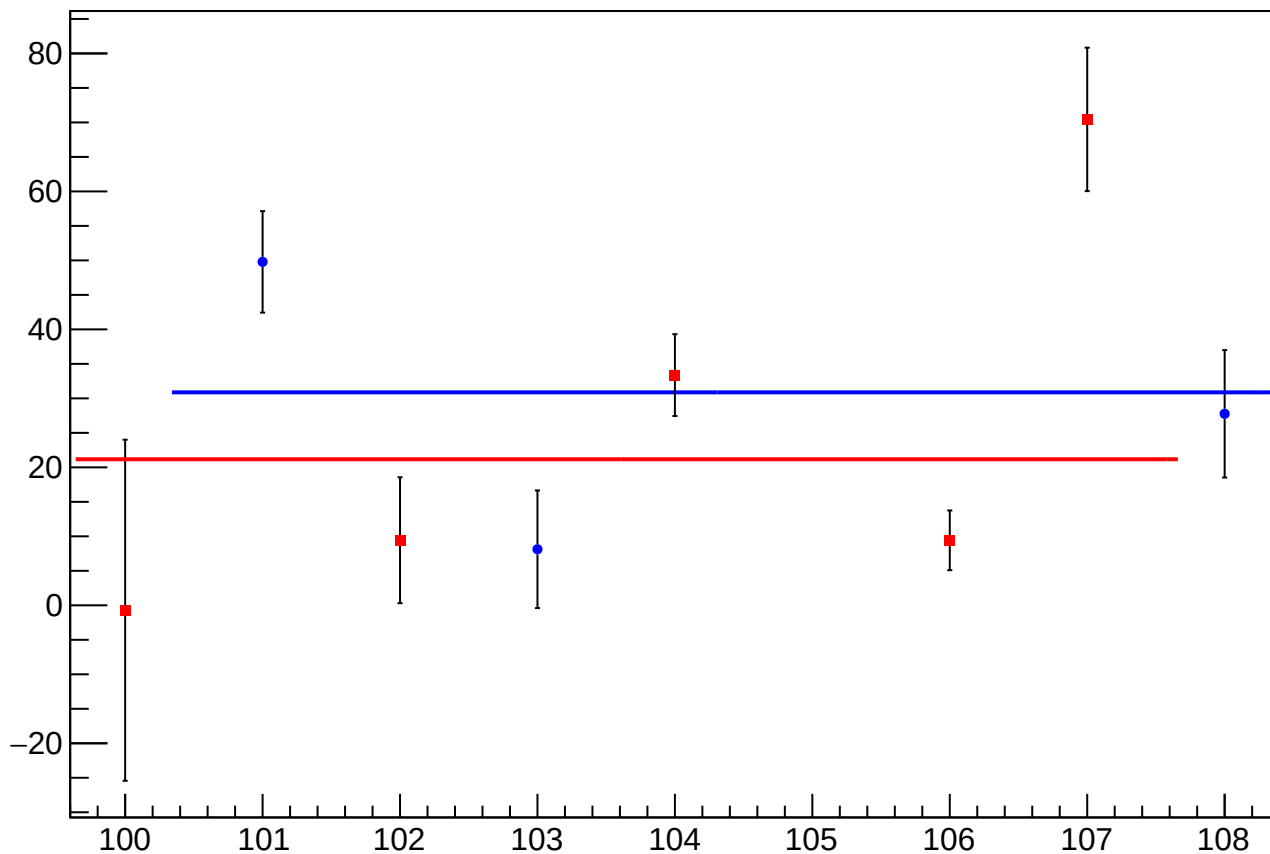
Right: 52.419+/-1.900 χ^2/NDF : 426.5/7

In: 80.917+/-3.414 χ^2/NDF : 24.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.419+/-1.900 χ^2/NDF : 426.5/7

reg_asym_usl_atl2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 30.871+/-4.769 χ^2/NDF : 13.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.174+/-3.091 χ^2/NDF : 36.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

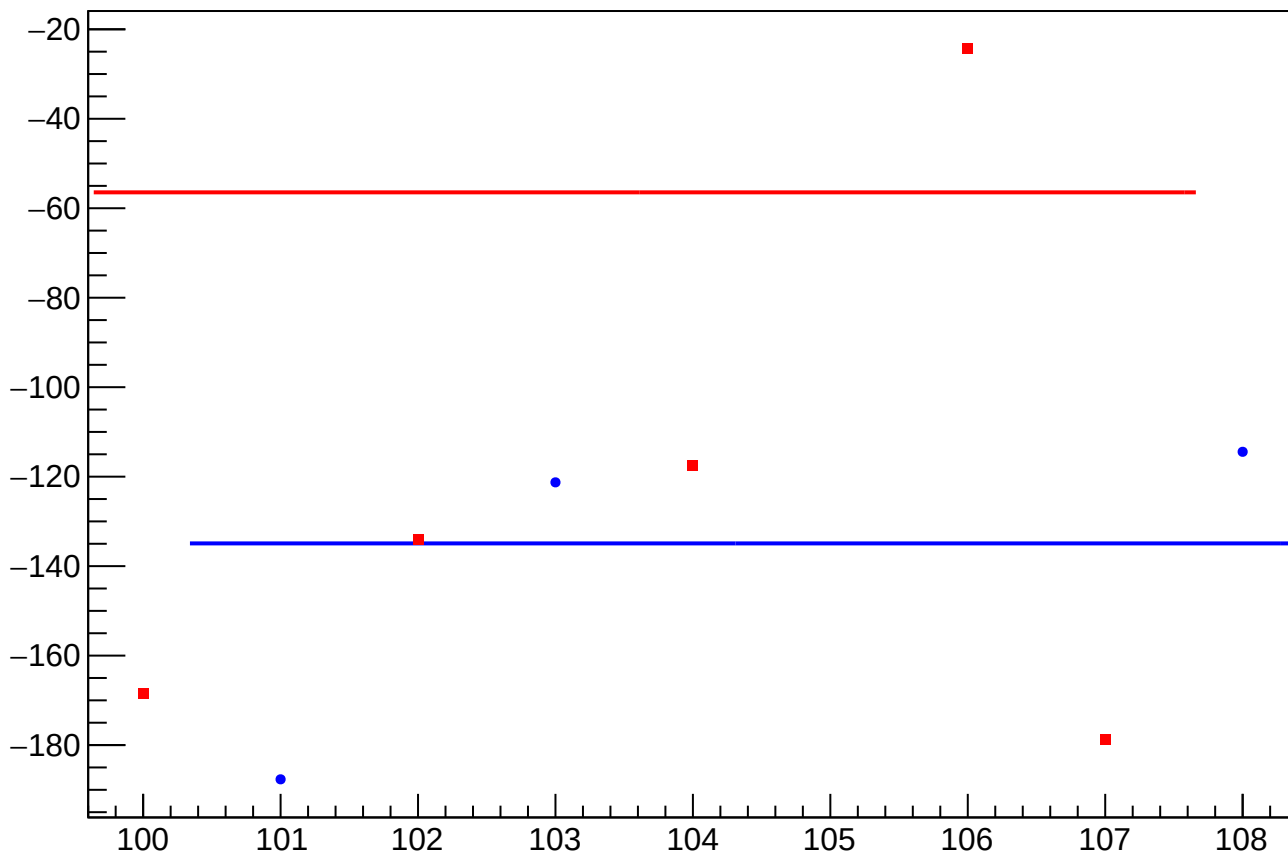
Right: 24.042+/-2.594 χ^2/NDF : 53.2/7

In: 30.871+/-4.769 χ^2/NDF : 13.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.042+/-2.594 χ^2/NDF : 53.2/7

reg_asym_usl_atl2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -134.918+/-0.159 χ^2/NDF : 33550.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -56.447+/-0.085 χ^2/NDF : 345544.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

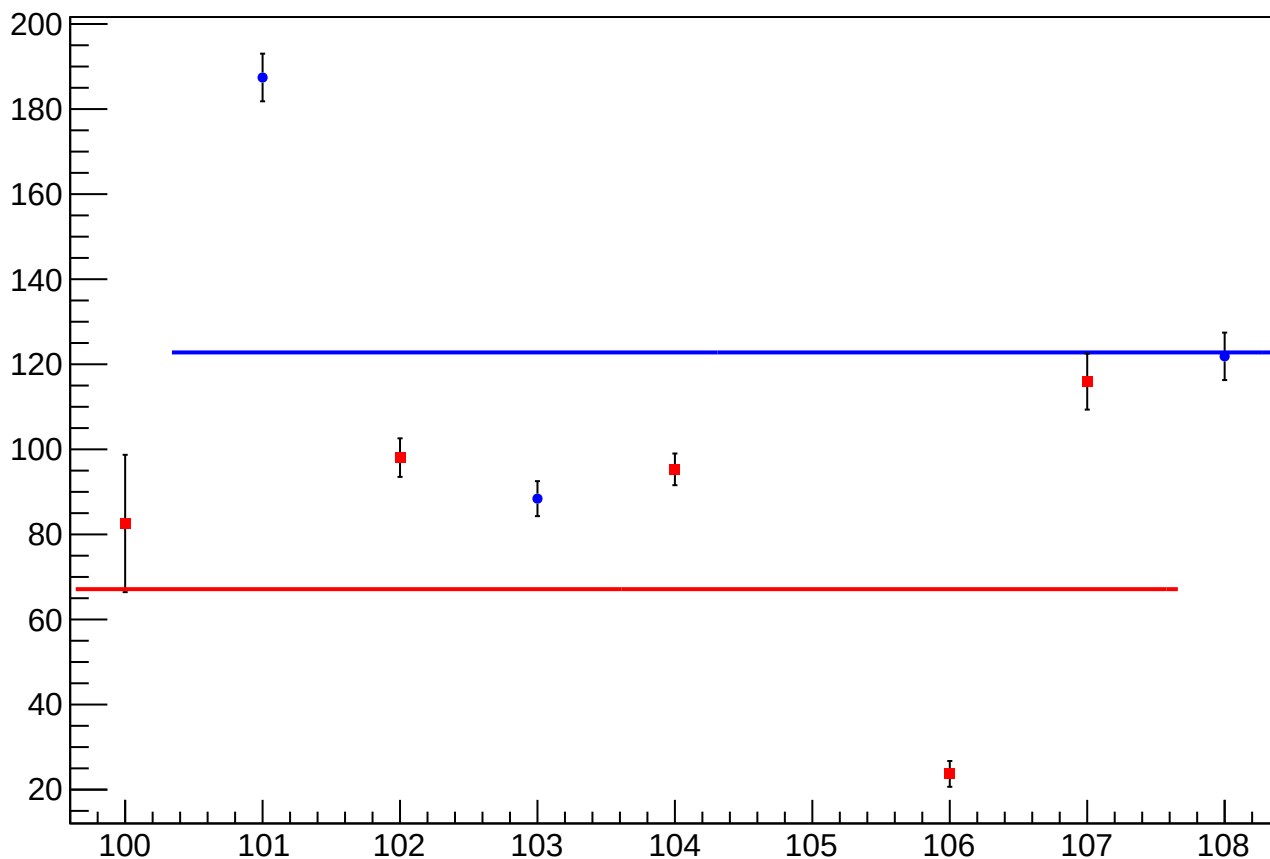
Right: -74.051+/-0.075 χ^2/NDF : 568585.8/7

In: -134.918+/-0.159 χ^2/NDF : 33550.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -74.051+/-0.075 χ^2/NDF : 568585.8/7

reg_asym_usl_atl2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 122.783 $\pm$ 2.850 χ^2 /NDF: 203.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 67.131 $\pm$ 1.975 χ^2 /NDF: 364.8/4

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

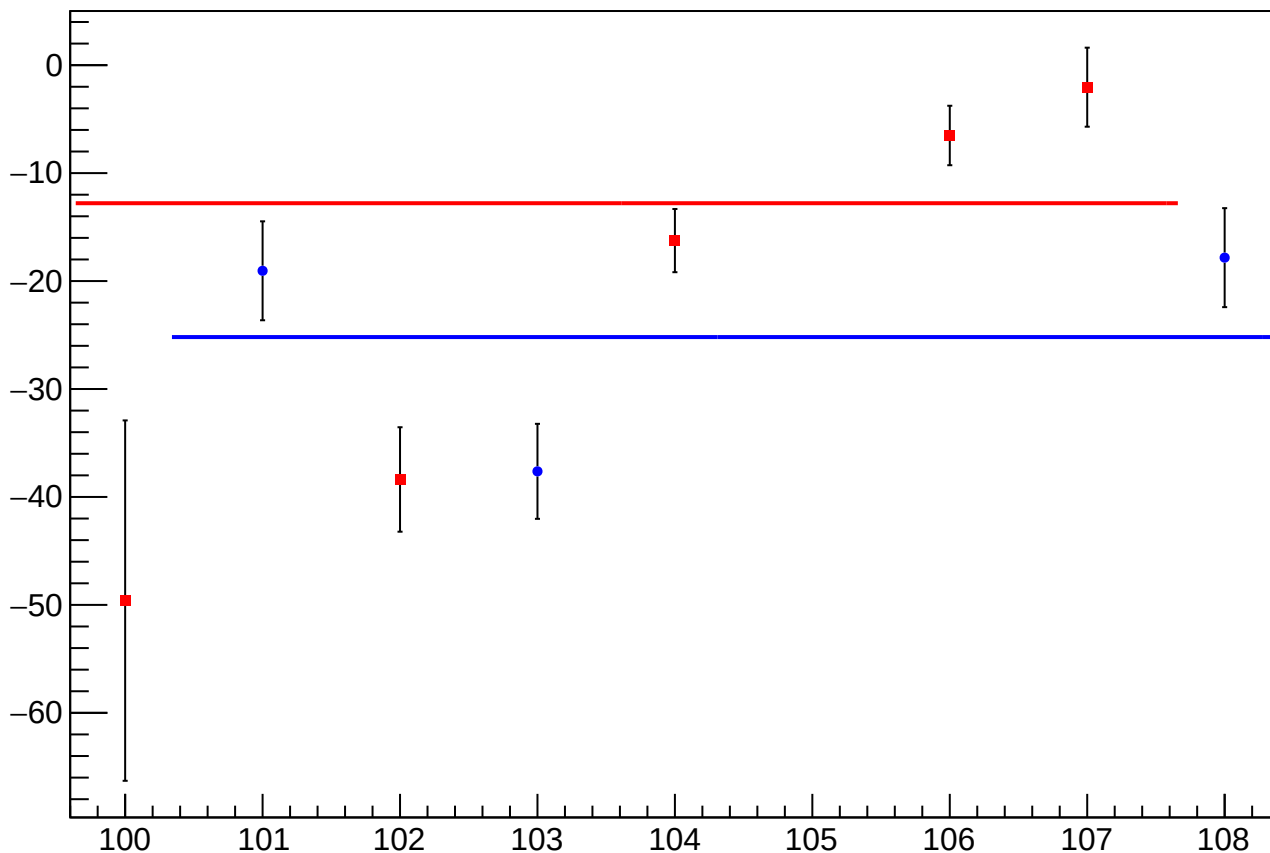
Right: 85.178 $\pm$ 1.623 χ^2 /NDF: 825.4/7

In: 122.783 $\pm$ 2.850 χ^2 /NDF: 203.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 85.178 $\pm$ 1.623 χ^2 /NDF: 825.4/7

reg_asym_usl_atl2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -25.188+/-2.610 χ^2/NDF : 12.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.789+/-1.645 χ^2/NDF : 48.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

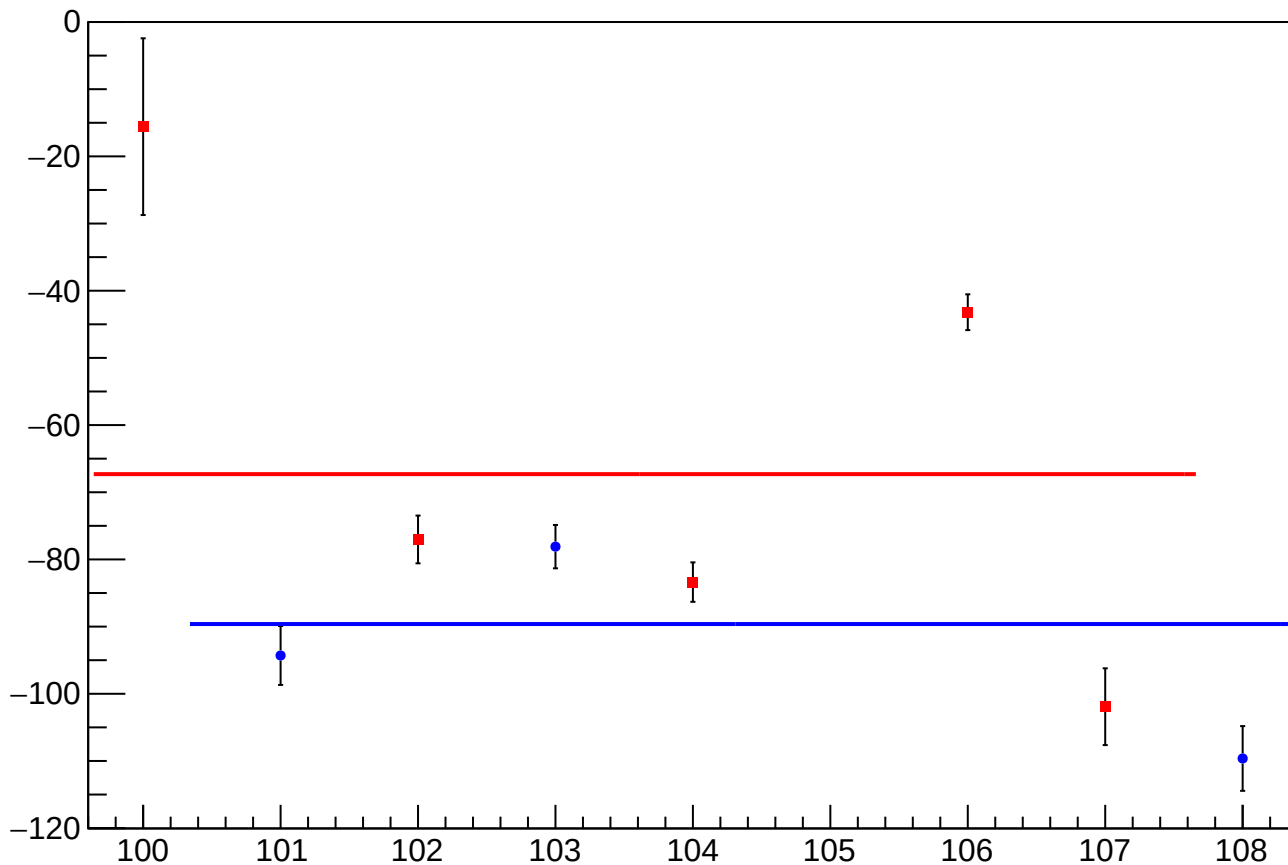
Right: -16.315+/-1.392 χ^2/NDF : 76.6/7

In: -25.188+/-2.610 χ^2/NDF : 12.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.315+/-1.392 χ^2/NDF : 76.6/7

reg_asym_usl_atl2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -89.620 ± 2.288 χ^2/NDF : 31.1/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -67.303 ± 1.639 χ^2/NDF : 171.5/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

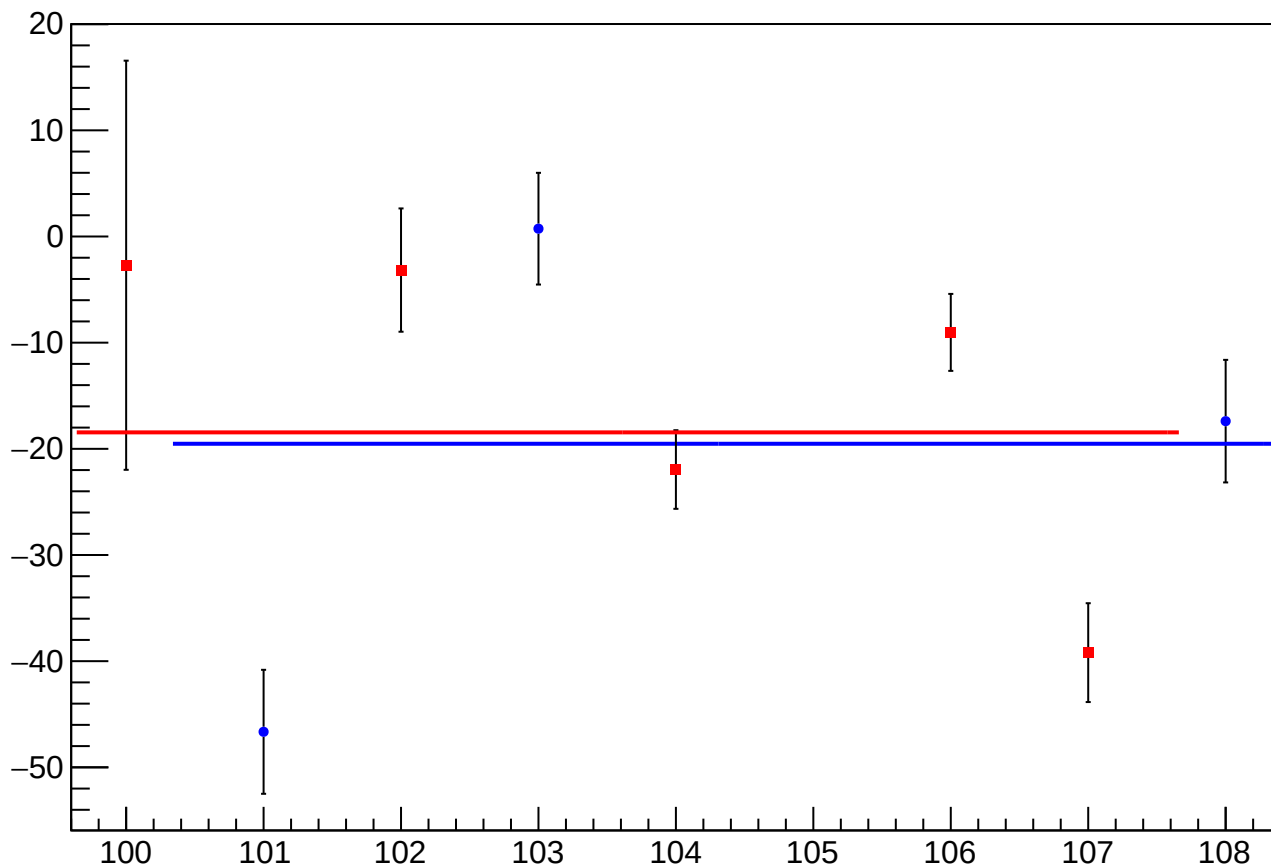
Right: -74.870 ± 1.332 χ^2/NDF : 265.5/7

In: -89.620 ± 2.288 χ^2/NDF : 31.1/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -74.870 ± 1.332 χ^2/NDF : 265.5/7

reg_asym_usl_atl2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -19.523+/-3.236 χ^2/NDF : 36.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.450+/-2.096 χ^2/NDF : 35.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

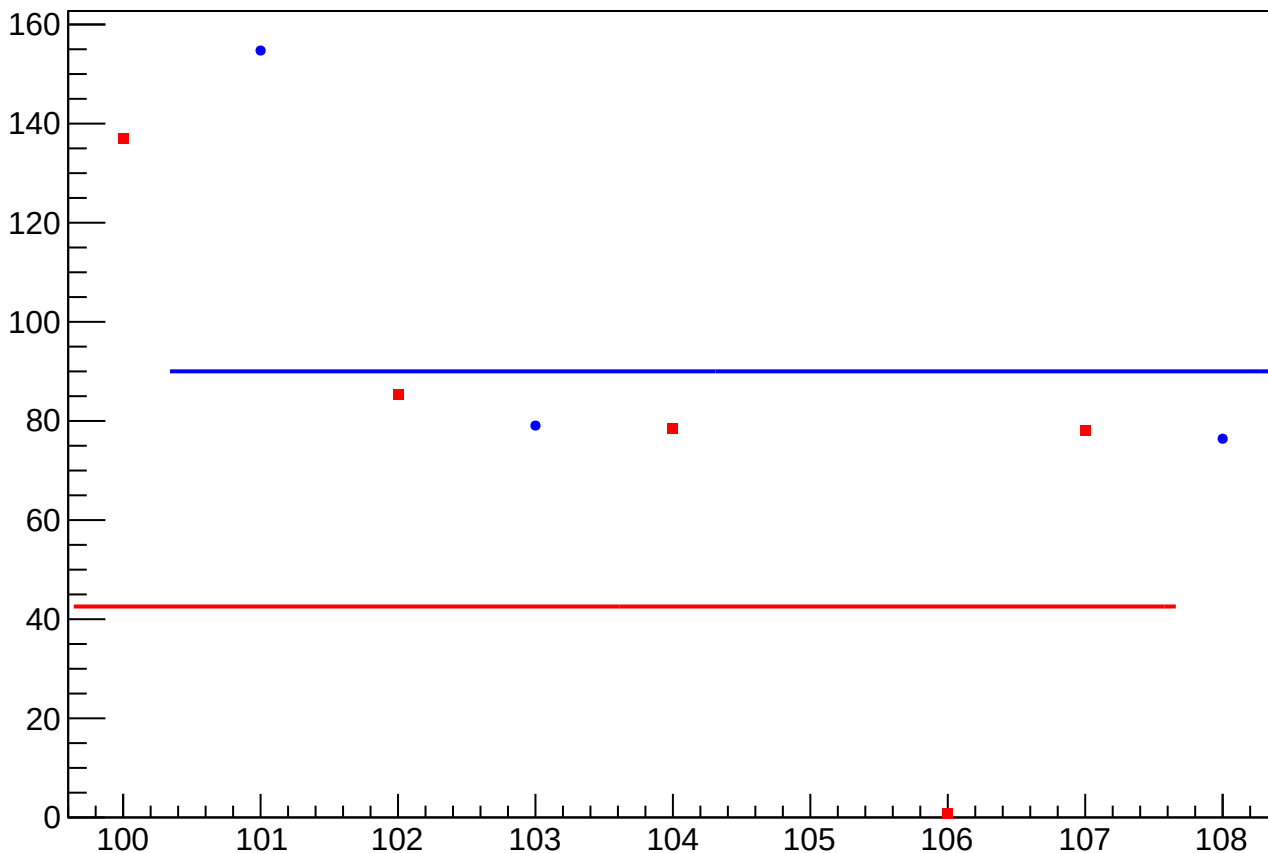
Right: -18.767+/-1.760 χ^2/NDF : 71.7/7

In: -19.523+/-3.236 χ^2/NDF : 36.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.767+/-1.760 χ^2/NDF : 71.7/7

reg_asym_usl_atl2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 90.014+/-0.103 χ^2/NDF : 72325.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.565+/-0.067 χ^2/NDF : 372860.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

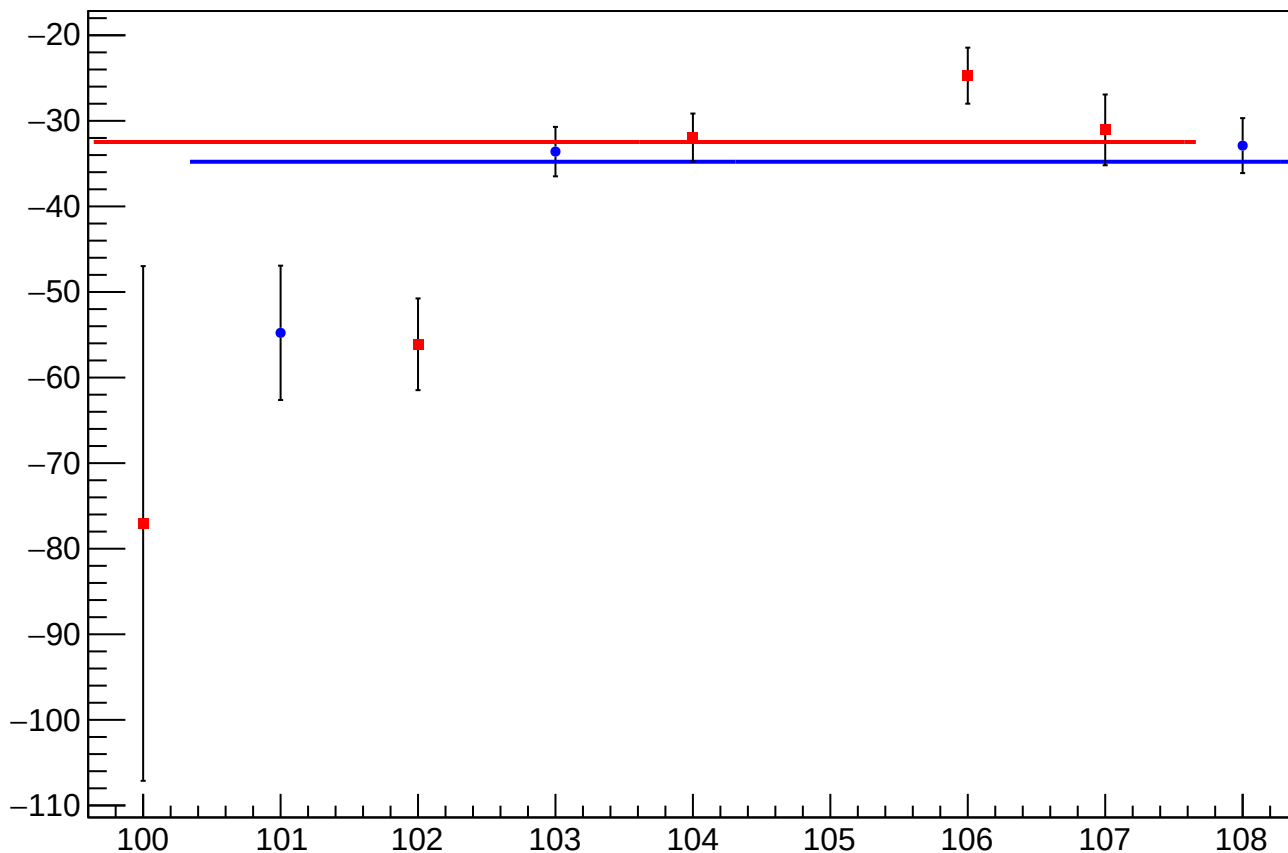
Right: 56.796+/-0.056 χ^2/NDF : 594316.3/7

In: 90.014+/-0.103 χ^2/NDF : 72325.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.796+/-0.056 χ^2/NDF : 594316.3/7

reg_asym_usr_atr1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -34.779 ± 2.072 $\chi^2/\text{NDF}: 7.0/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -32.473 ± 1.782 $\chi^2/\text{NDF}: 27.4/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

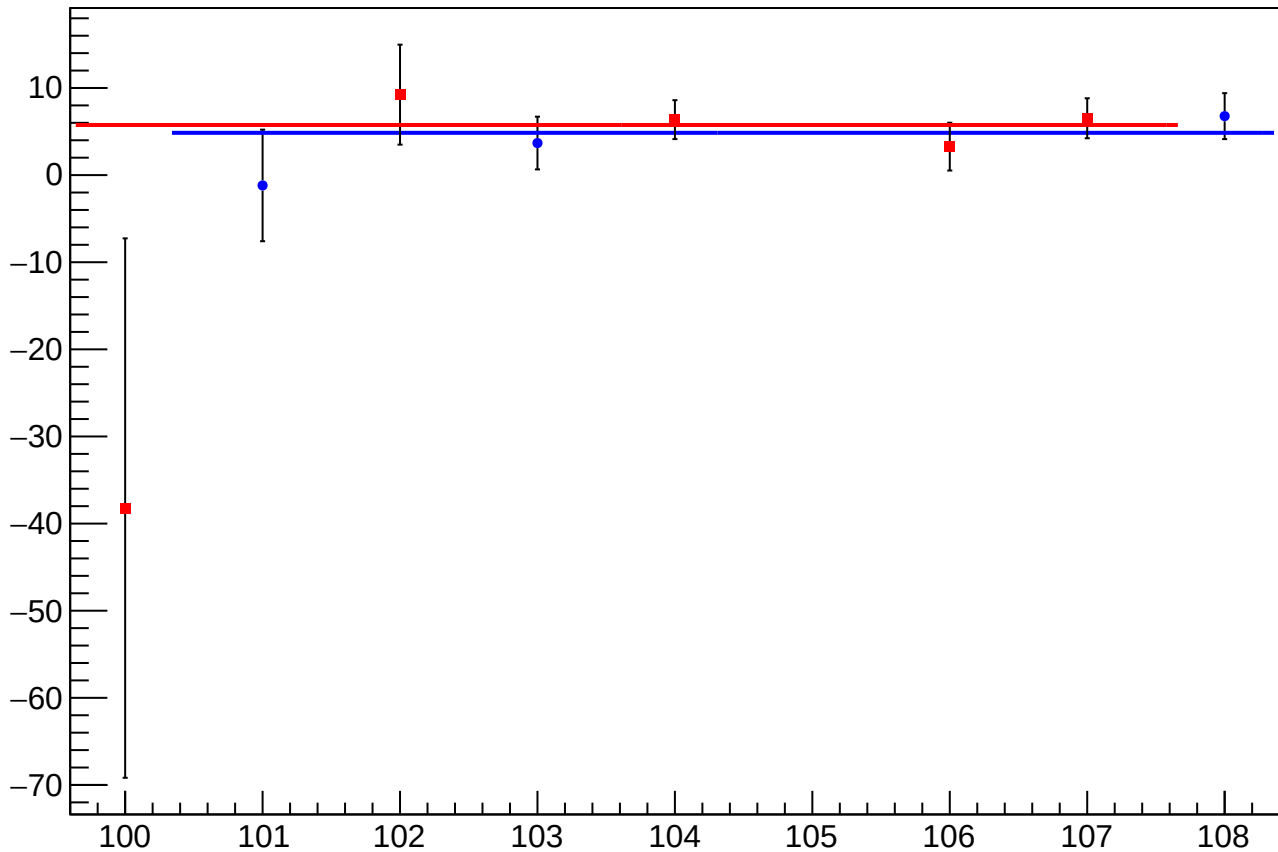
Right: -33.454 ± 1.351 $\chi^2/\text{NDF}: 35.1/7$

In: -34.779 ± 2.072 $\chi^2/\text{NDF}: 7.0/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -33.454 ± 1.351 $\chi^2/\text{NDF}: 35.1/7$

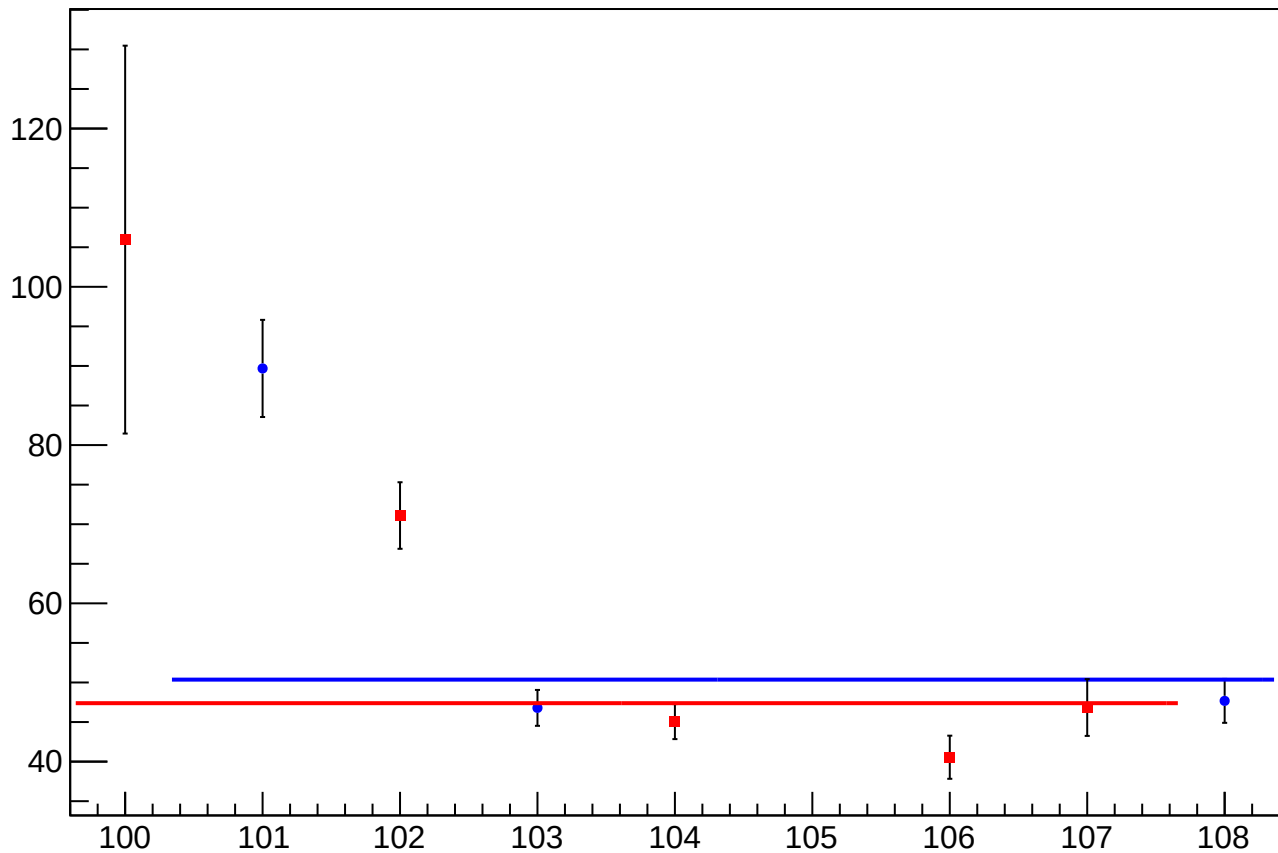
reg_asym_usr_atr1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.854+/-1.899 χ^2/NDF : 1.6/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 5.752+/-1.343 χ^2/NDF : 3.4/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 5.453+/-1.096 χ^2/NDF : 5.1/7
 In: 4.854+/-1.899 χ^2/NDF : 1.6/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 5.453+/-1.096 χ^2/NDF : 5.1/7

reg_asym_usr_atr1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.361+/-1.688 χ^2/NDF : 44.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.385+/-1.451 χ^2/NDF : 44.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

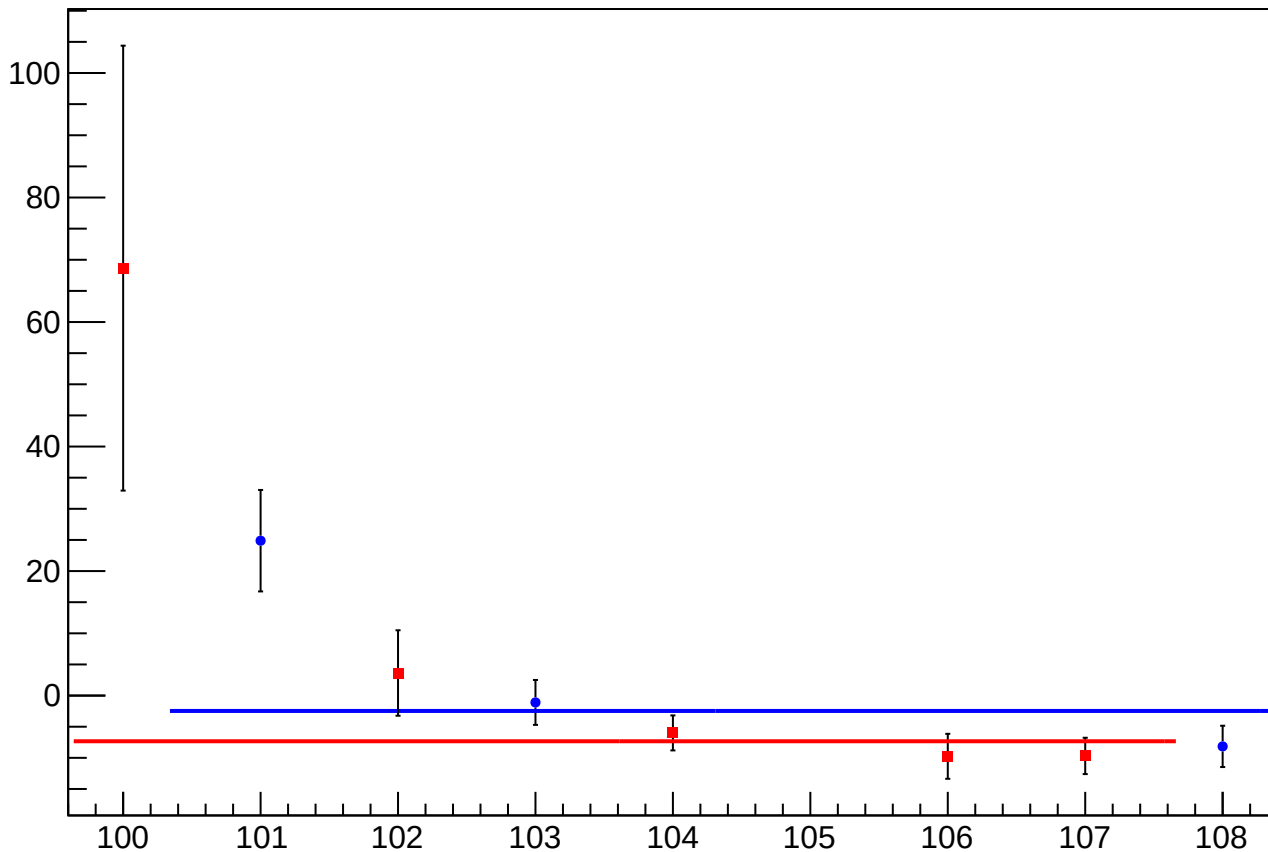
Right: 48.649+/-1.100 χ^2/NDF : 91.2/7

In: 50.361+/-1.688 χ^2/NDF : 44.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.649+/-1.100 χ^2/NDF : 91.2/7

reg_asym_usr_atr1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.468+/-2.339 χ^2 /NDF: 14.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -7.337+/-1.708 χ^2 /NDF: 8.4/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

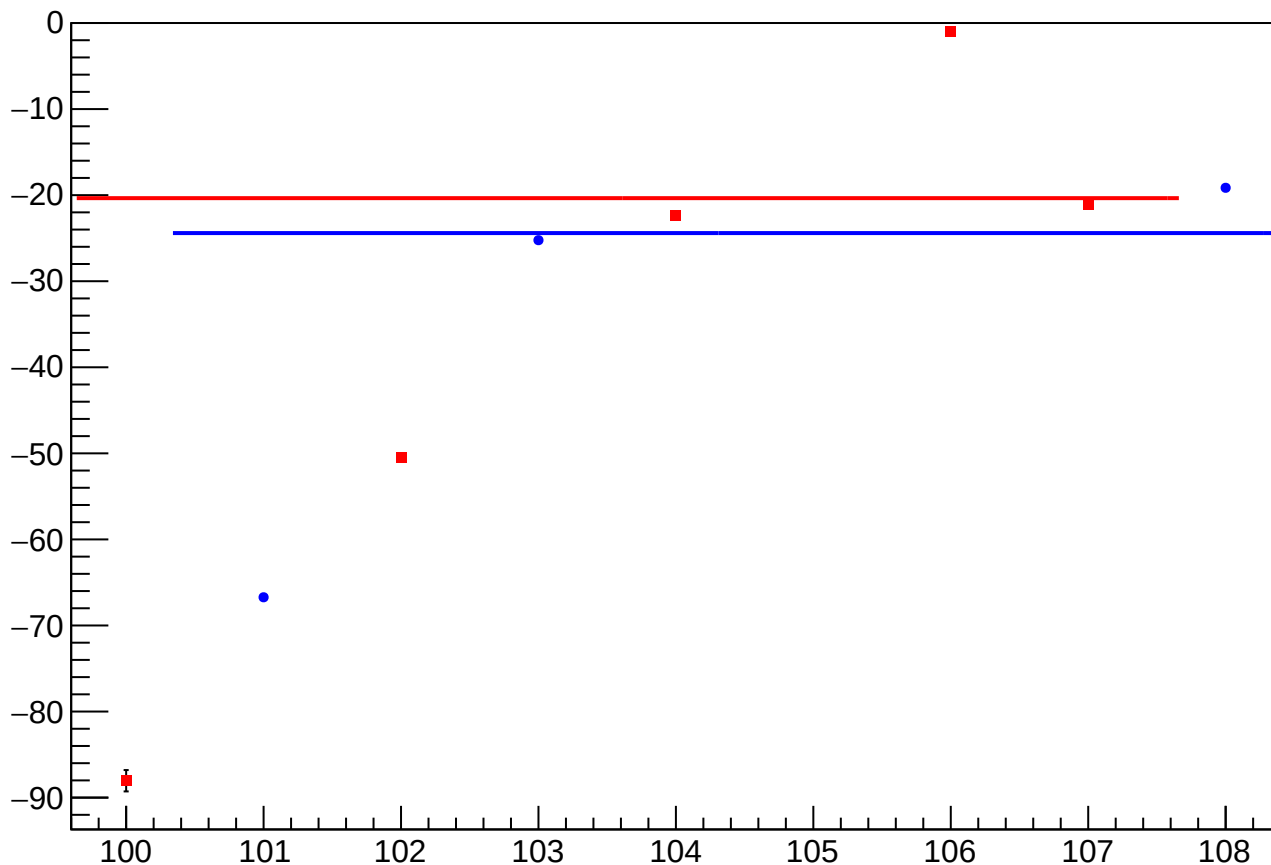
Right: -5.643+/-1.379 χ^2 /NDF: 25.6/7

In: -2.468+/-2.339 χ^2 /NDF:14.4/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -5.643+/-1.379 χ^2 /NDF: 25.6/7

reg_asym_usr_atr1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -24.407 $\pm$ 0.071 χ^2 /NDF: 15803.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -20.349 $\pm$ 0.066 χ^2 /NDF: 55179.8/4

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

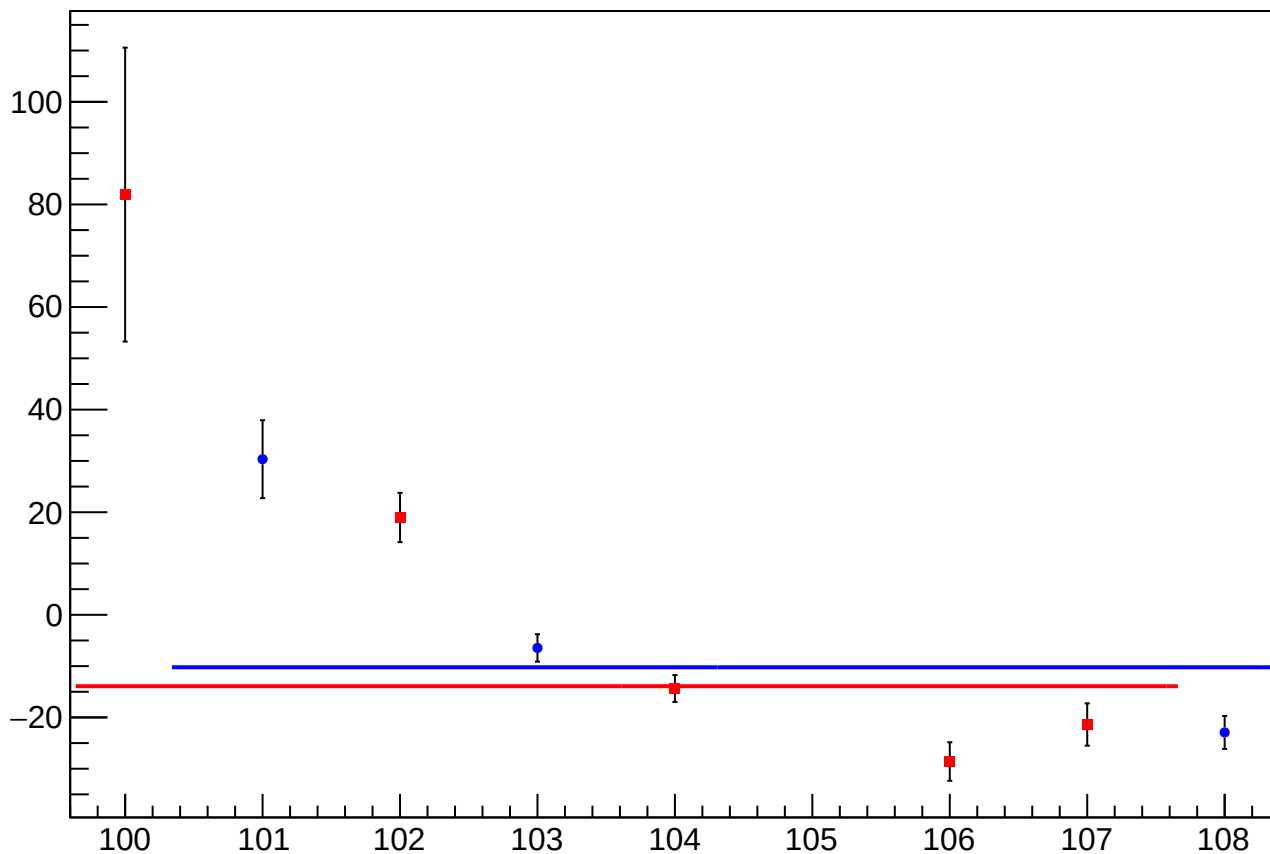
Right: -22.216 $\pm$ 0.048 χ^2 /NDF: 72738.6/7

In: -24.407 $\pm$ 0.071 χ^2 /NDF:15803.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -22.216 $\pm$ 0.048 χ^2 /NDF: 72738.6/7

reg_asym_usr_atr1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -10.226+/-1.982 χ^2/NDF : 46.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.919+/-1.767 χ^2/NDF : 76.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

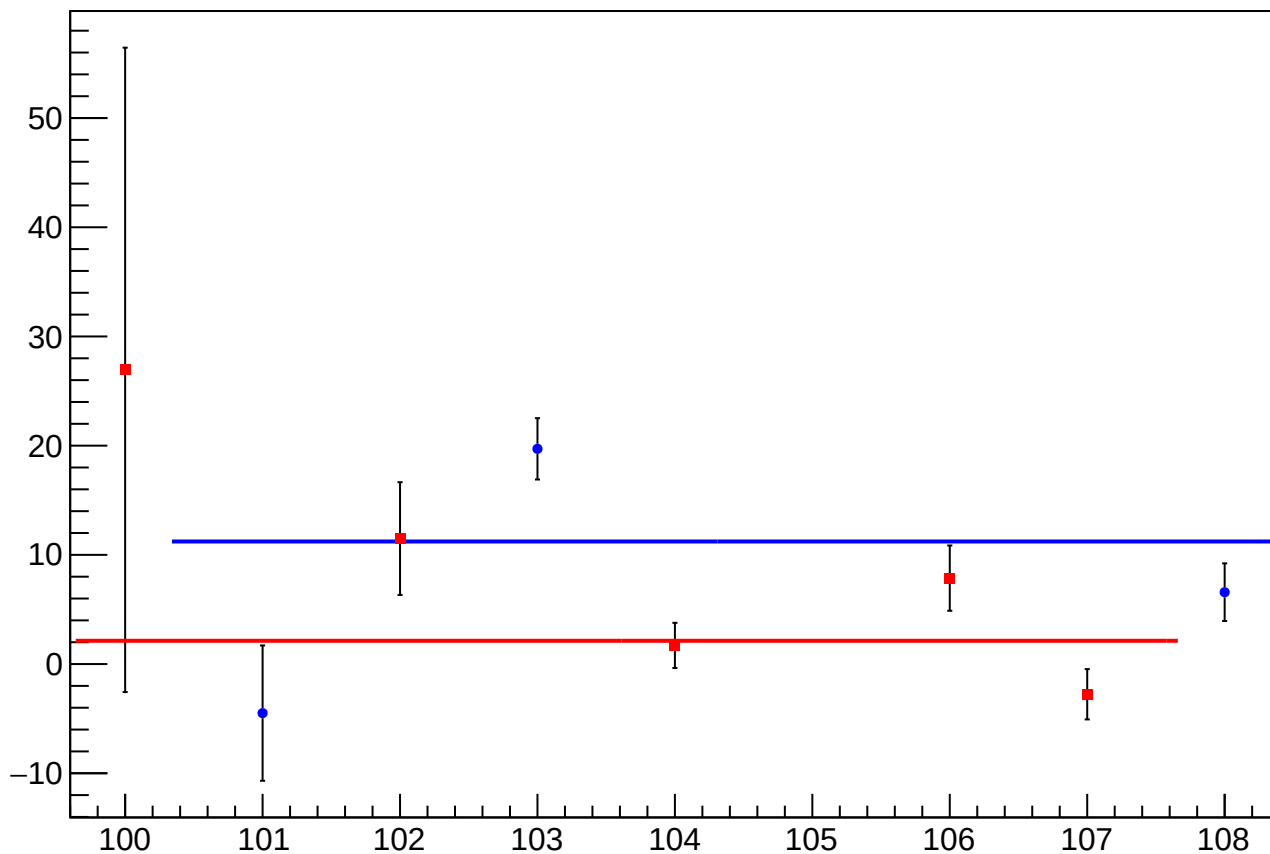
Right: -12.283+/-1.319 χ^2/NDF : 124.8/7

In: -10.226+/-1.982 χ^2/NDF : 46.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.283+/-1.319 χ^2/NDF : 124.8/7

reg_asym_usr_atr1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.223+/-1.837 χ^2/NDF : 18.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.131+/-1.322 χ^2/NDF : 12.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

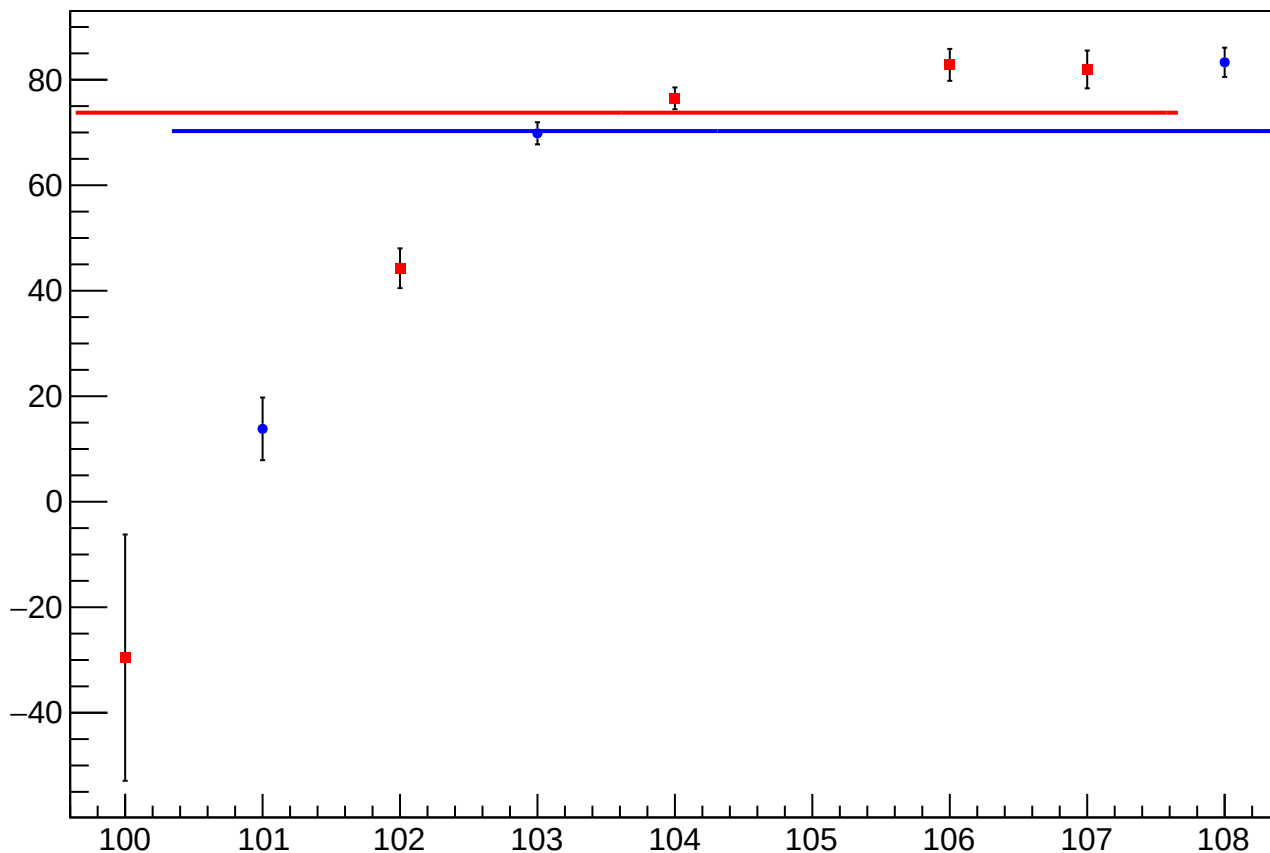
Right: 5.234+/-1.073 χ^2/NDF : 47.0/7

In: 11.223+/-1.837 χ^2/NDF : 18.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.234+/-1.073 χ^2/NDF : 47.0/7

reg_asym_usr_atr1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 70.270+/-1.610 χ^2 /NDF: 112.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 73.756+/-1.423 χ^2 /NDF: 96.8/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

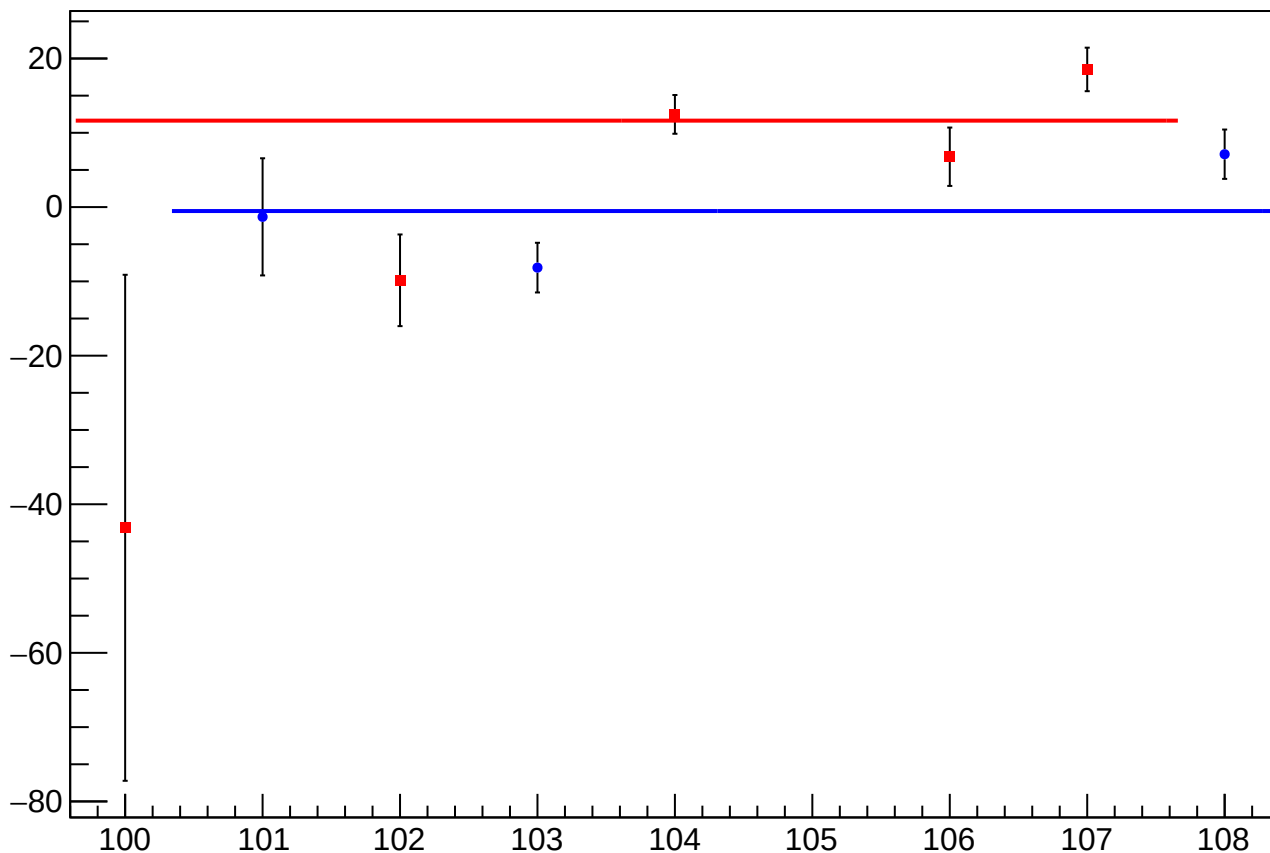
Right: 72.227+/-1.066 χ^2 /NDF: 211.9/7

In: 70.270+/-1.610 χ^2 /NDF:112.4/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 72.227+/-1.066 χ^2 /NDF: 211.9/7

reg_asym_usr_atr1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.532 $\pm$ 2.258 χ^2 /NDF: 10.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.637 $\pm$ 1.677 χ^2 /NDF: 21.9/4

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

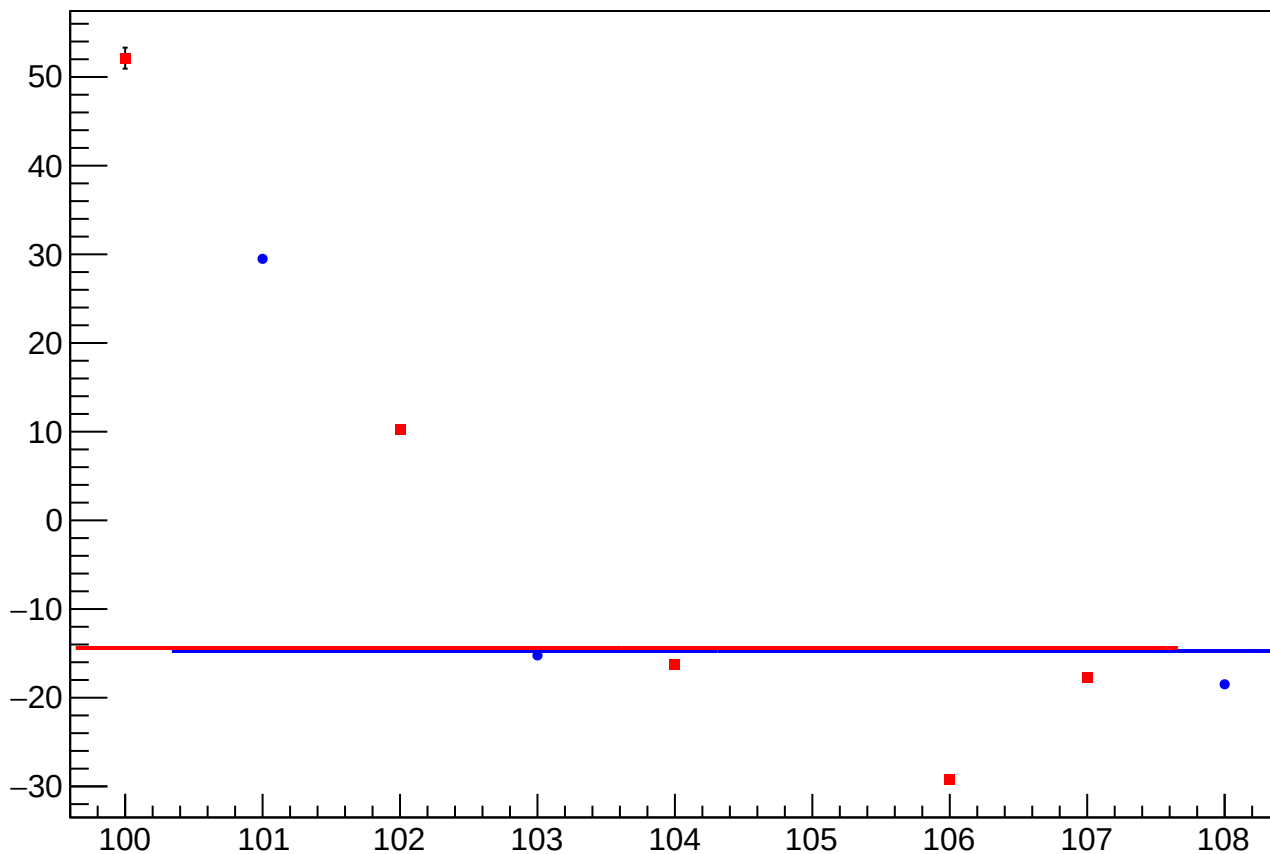
Right: 7.310 $\pm$ 1.346 χ^2 /NDF: 51.1/7

In: -0.532 $\pm$ 2.258 χ^2 /NDF:10.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 7.310 $\pm$ 1.346 χ^2 /NDF: 51.1/7

reg_asym_usr_atr1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -14.731+/-0.068 χ^2/NDF : 16957.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.392+/-0.065 χ^2/NDF : 37597.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

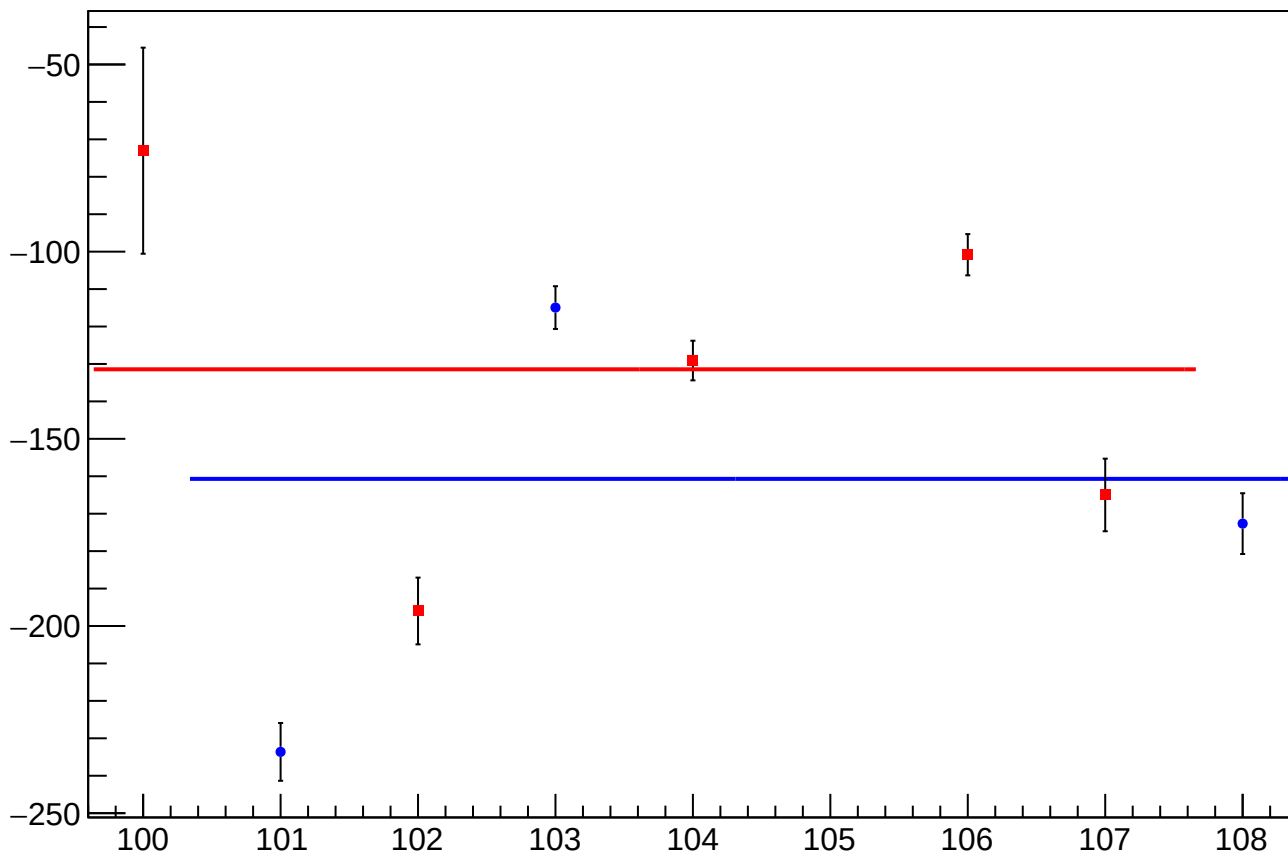
Right: -14.555+/-0.047 χ^2/NDF : 54567.6/7

In: -14.731+/-0.068 χ^2/NDF : 16957.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.555+/-0.047 χ^2/NDF : 54567.6/7

reg_asym_usr_atr2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -160.695+/-3.996 χ^2/NDF : 155.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -131.428+/-3.276 χ^2/NDF : 100.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

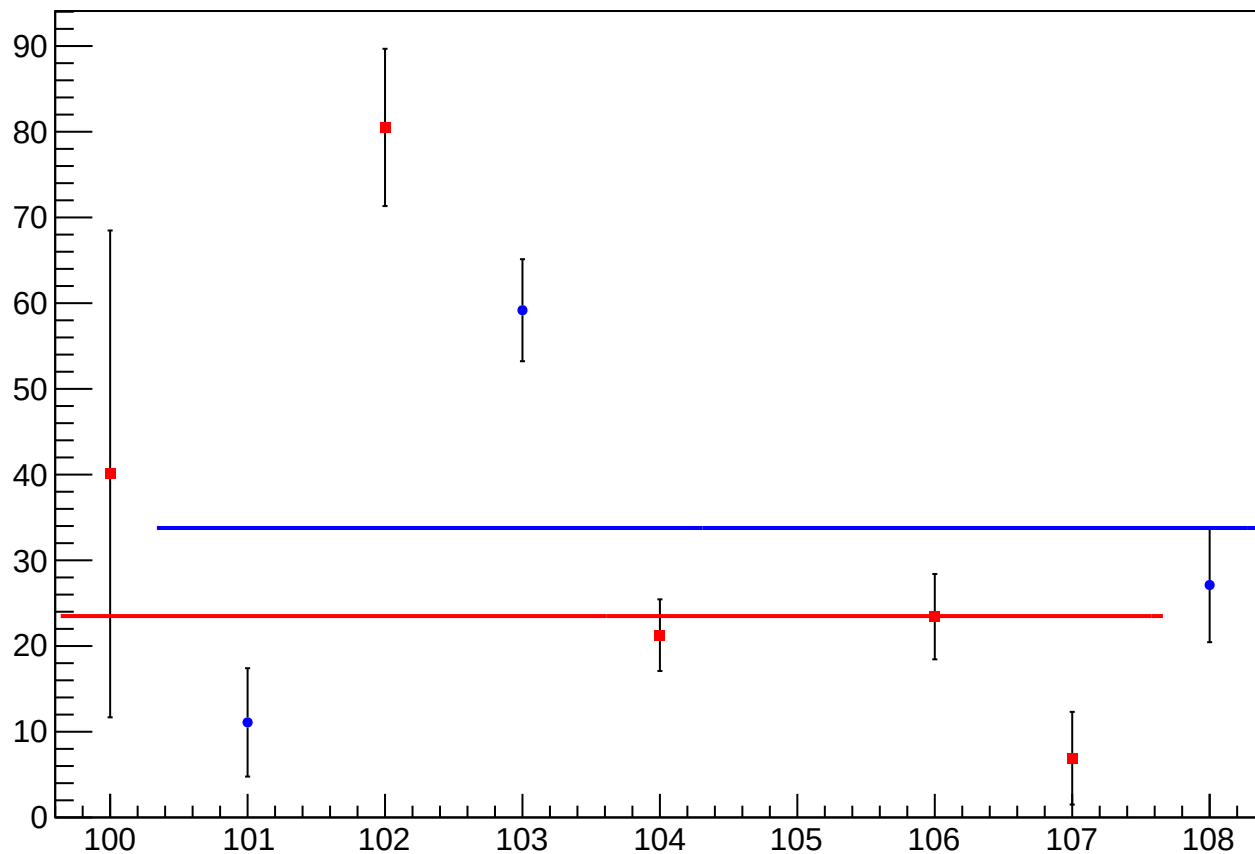
Right: -143.193+/-2.534 χ^2/NDF : 287.6/7

In: -160.695+/-3.996 χ^2/NDF : 155.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -143.193+/-2.534 χ^2/NDF : 287.6/7

reg_asym_usr_atr2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 33.771+/-3.635 χ^2/NDF : 32.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.495+/-2.627 χ^2/NDF : 48.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

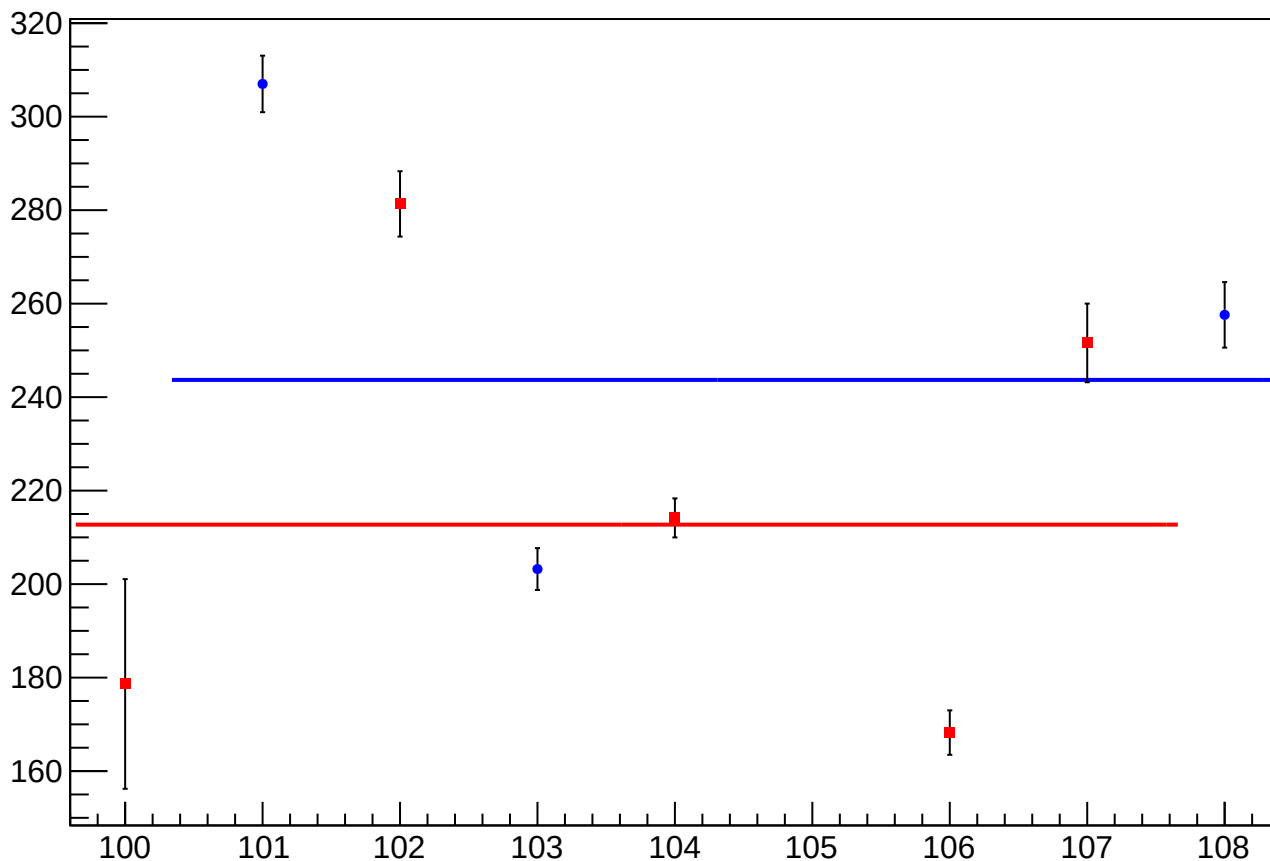
Right: 27.022+/-2.129 χ^2/NDF : 86.0/7

In: 33.771+/-3.635 χ^2/NDF : 32.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.022+/-2.129 χ^2/NDF : 86.0/7

reg_asym_usr_atr2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 243.687 $\pm$ 3.202 χ^2 /NDF: 195.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 212.723 $\pm$ 2.690 χ^2 /NDF: 207.7/4

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

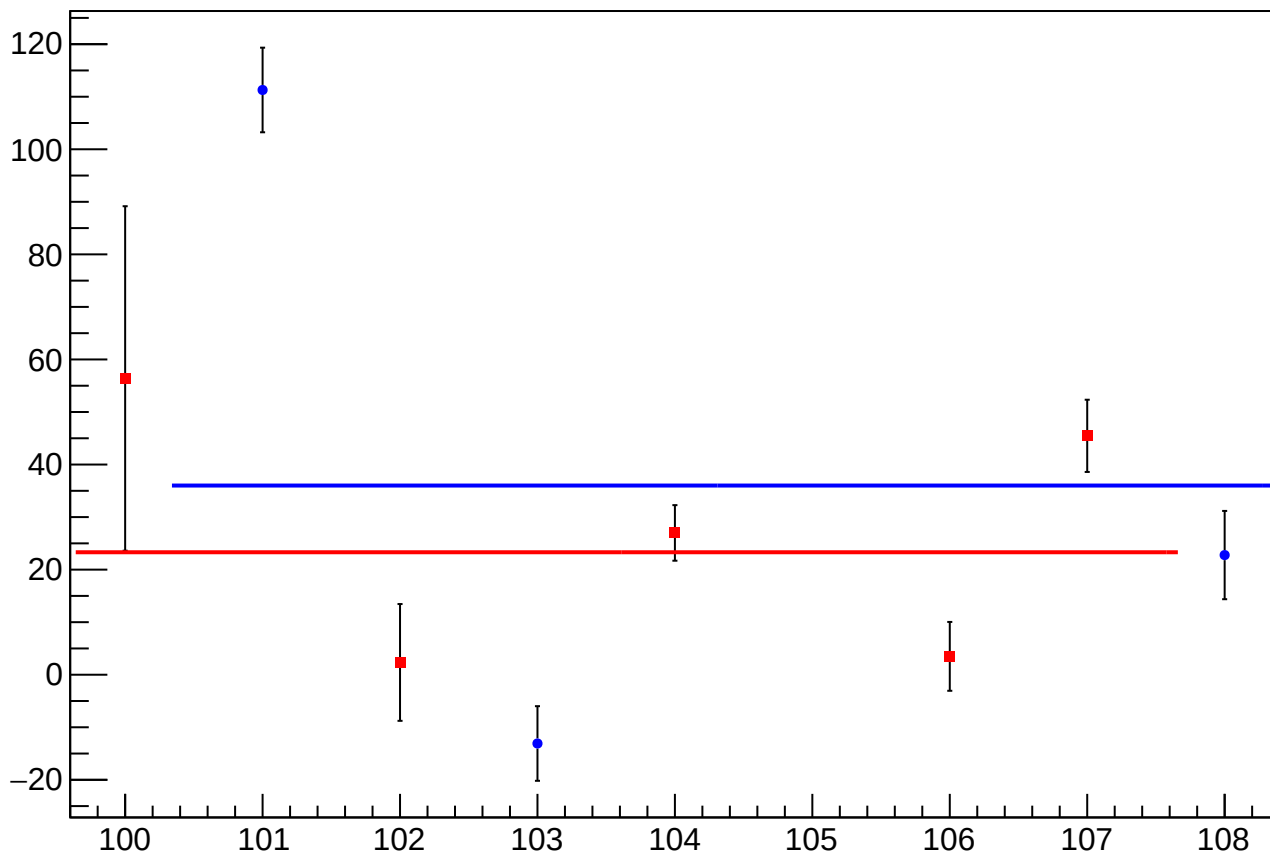
Right: 225.536 $\pm$ 2.060 χ^2 /NDF: 457.8/7

In: 243.687 $\pm$ 3.202 χ^2 /NDF:195.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 225.536 $\pm$ 2.060 χ^2 /NDF: 457.8/7

reg_asym_usr_atr2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 36.004 $\pm$ 4.498 χ^2 /NDF: 137.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 23.308 $\pm$ 3.347 χ^2 /NDF: 24.6/4

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

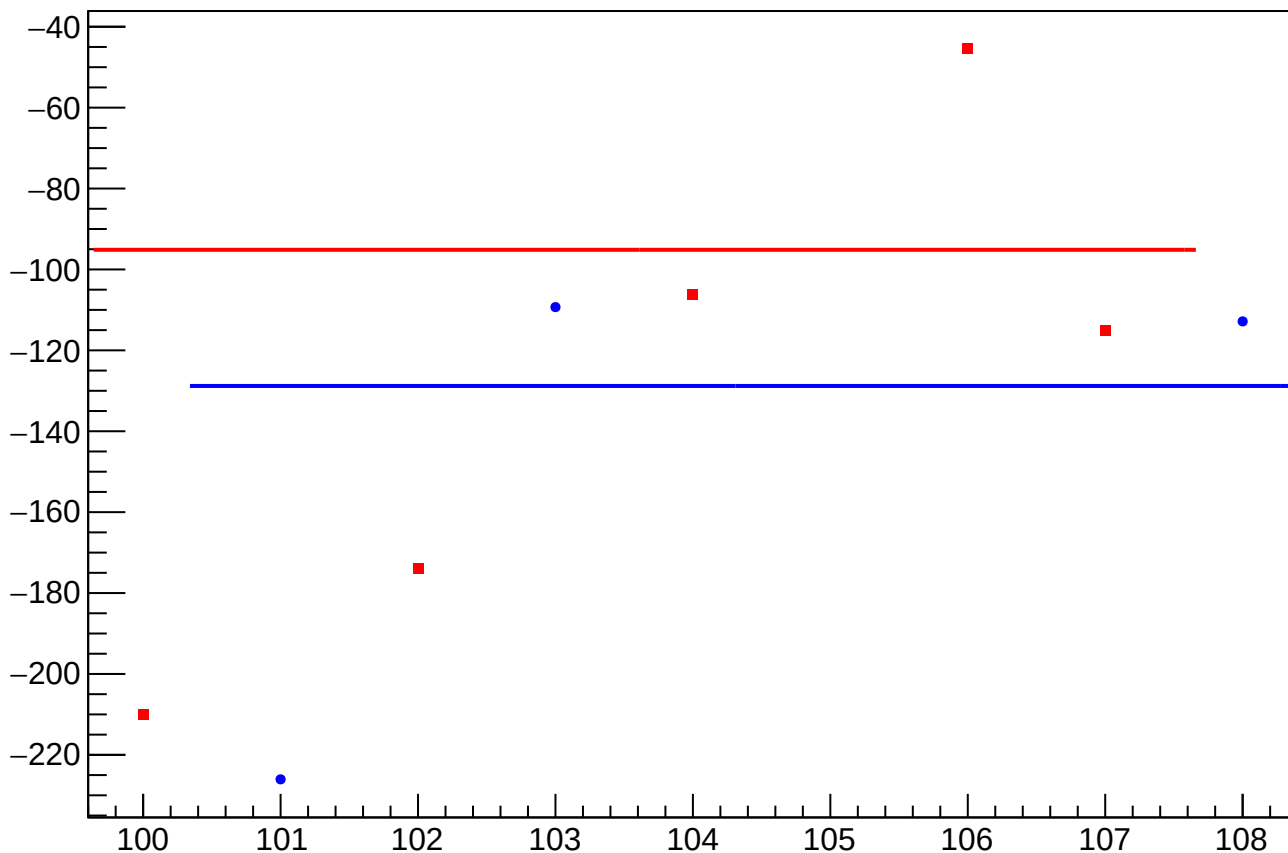
Right: 27.833 $\pm$ 2.685 χ^2 /NDF: 167.4/7

In: 36.004 $\pm$ 4.498 χ^2 /NDF: 137.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.833 $\pm$ 2.685 χ^2 /NDF: 167.4/7

reg_asym_usr_atr2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -128.802+/-0.144 χ^2/NDF : 86574.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -95.144+/-0.117 χ^2/NDF : 153524.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

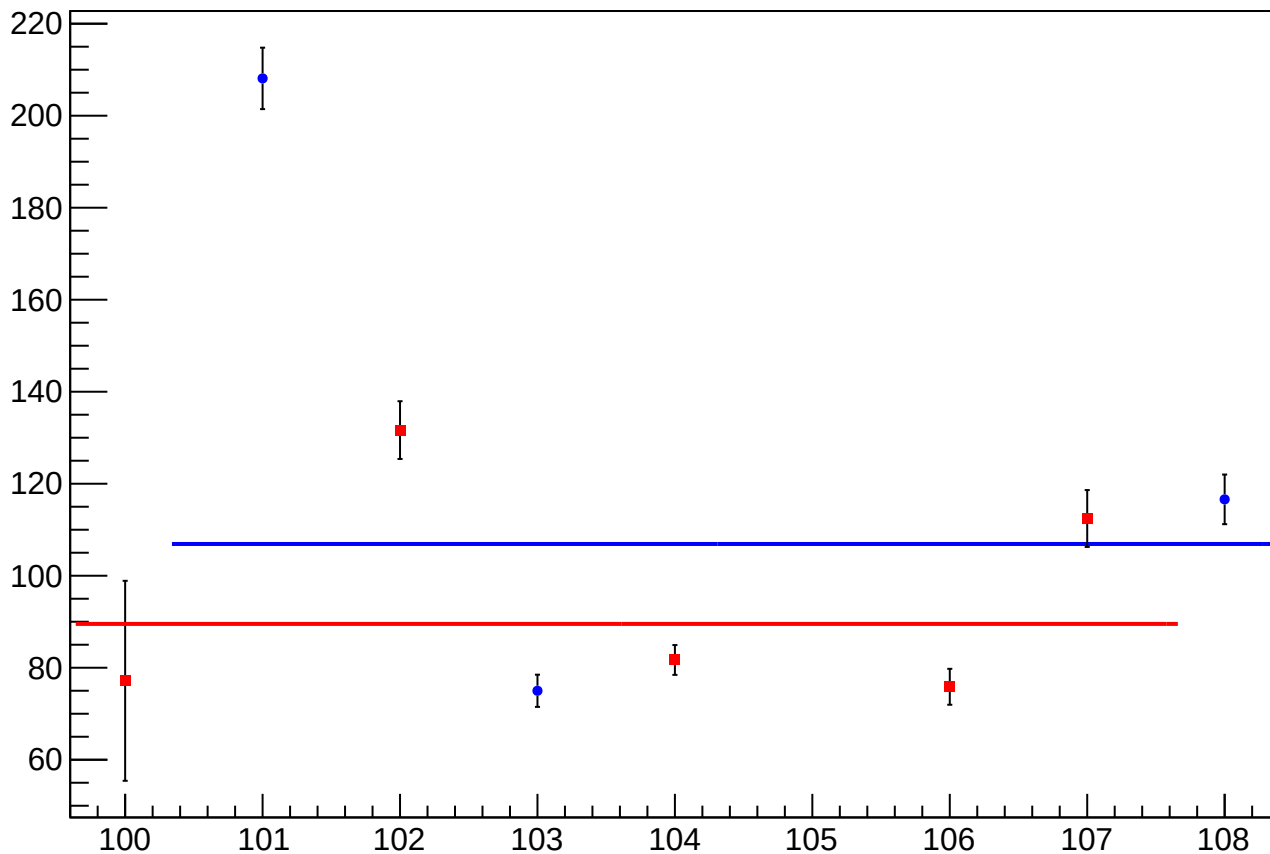
Right: -108.562+/-0.091 χ^2/NDF : 272953.9/7

In: -128.802+/-0.144 χ^2/NDF : 86574.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -108.562+/-0.091 χ^2/NDF : 272953.9/7

reg_asym_usr_atr2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 106.904 $\pm$ 2.689 χ^2 /NDF: 315.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 89.528 $\pm$ 2.159 χ^2 /NDF: 77.2/4

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

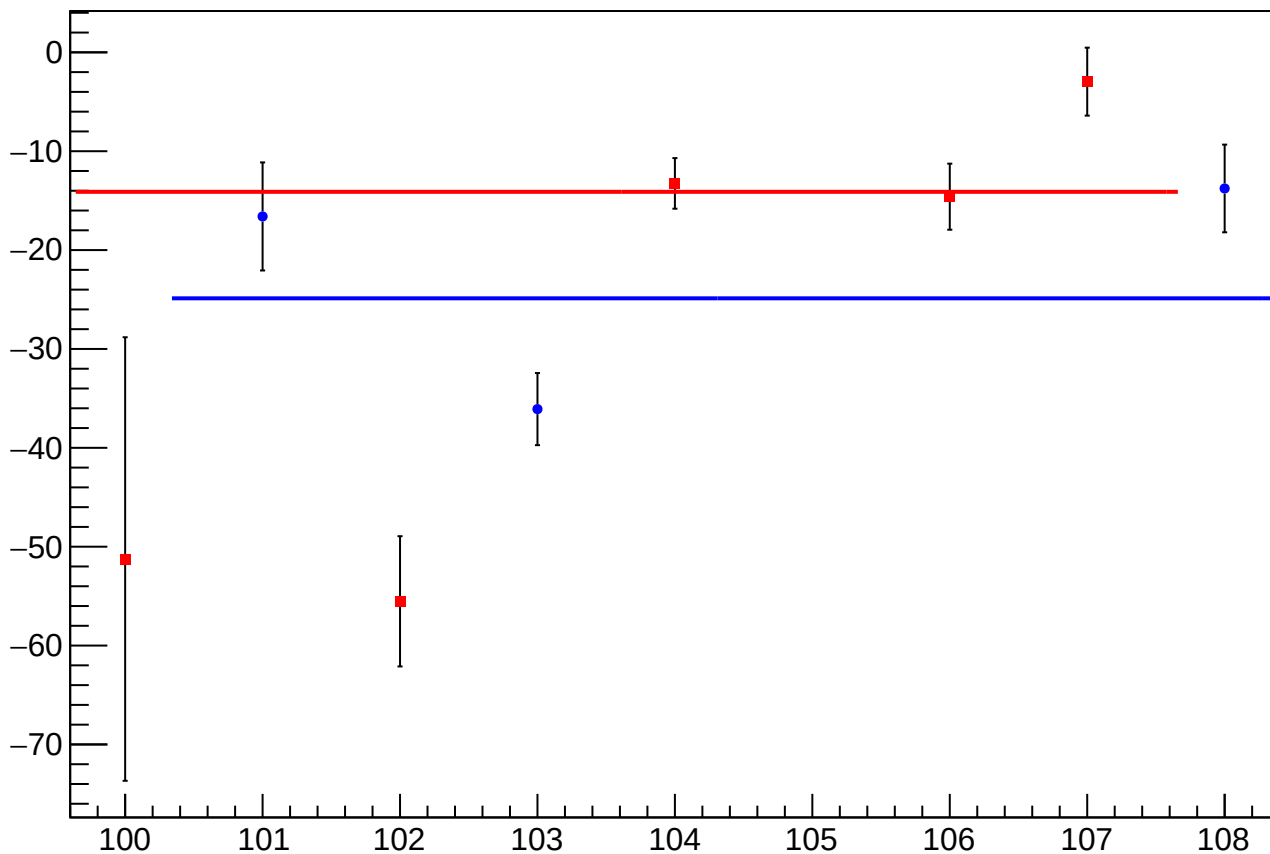
Right: 96.340 $\pm$ 1.684 χ^2 /NDF: 418.5/7

In: 106.904 $\pm$ 2.689 χ^2 /NDF:315.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 96.340 $\pm$ 1.684 χ^2 /NDF: 418.5/7

reg_asym_usr_atr2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -24.879 $\pm$ 2.504 χ^2 /NDF: 18.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -14.108 $\pm$ 1.686 χ^2 /NDF: 52.9/4

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

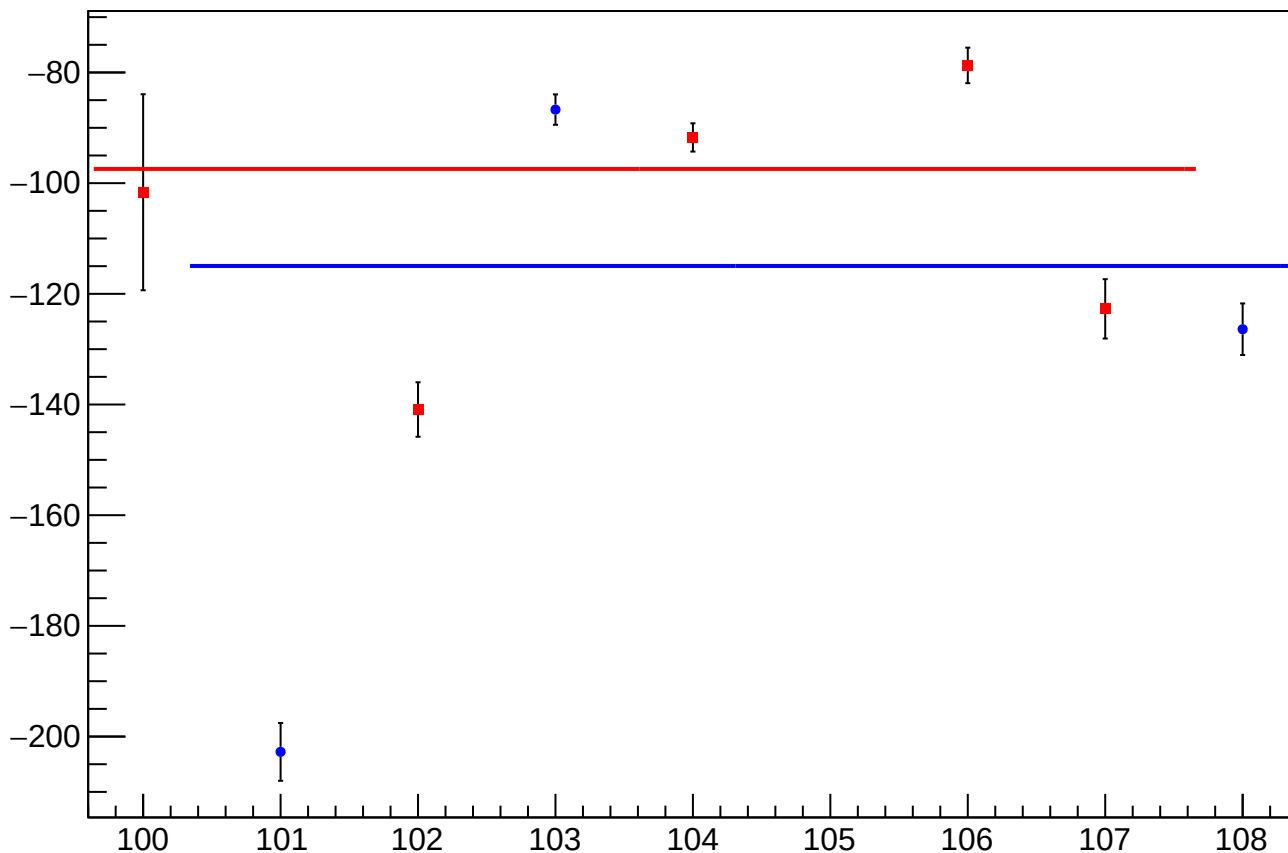
Right: -17.467 $\pm$ 1.398 χ^2 /NDF: 83.7/7

In: -24.879 $\pm$ 2.504 χ^2 /NDF:18.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -17.467 $\pm$ 1.398 χ^2 /NDF: 83.7/7

reg_asym_usr_atr2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.961+/-2.156 χ^2/NDF : 393.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -97.429+/-1.743 χ^2/NDF : 139.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

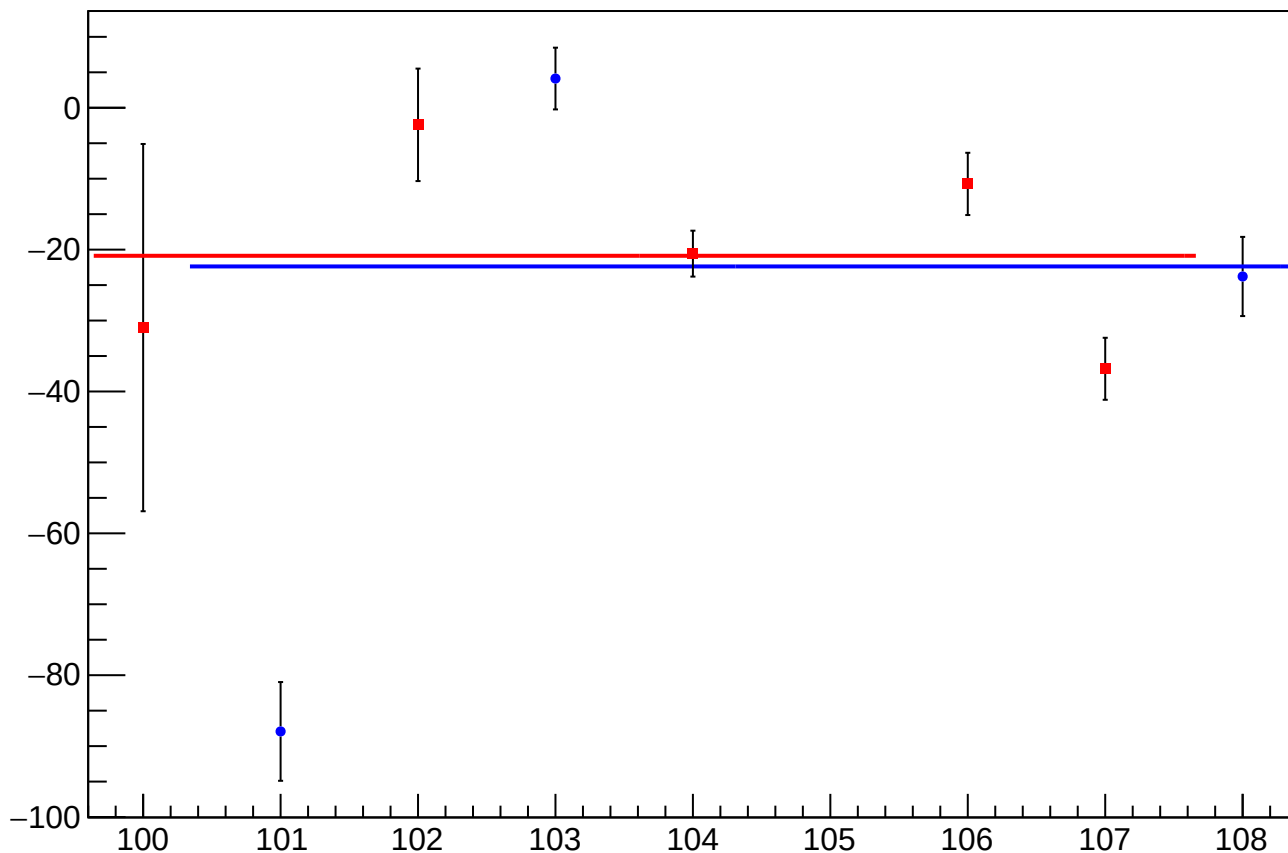
Right: -104.355+/-1.355 χ^2/NDF : 573.1/7

In: -114.961+/-2.156 χ^2/NDF : 393.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -104.355+/-1.355 χ^2/NDF : 573.1/7

reg_asym_usr_atr2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -22.370+/-3.079 χ^2/NDF : 125.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.869+/-2.146 χ^2/NDF : 24.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

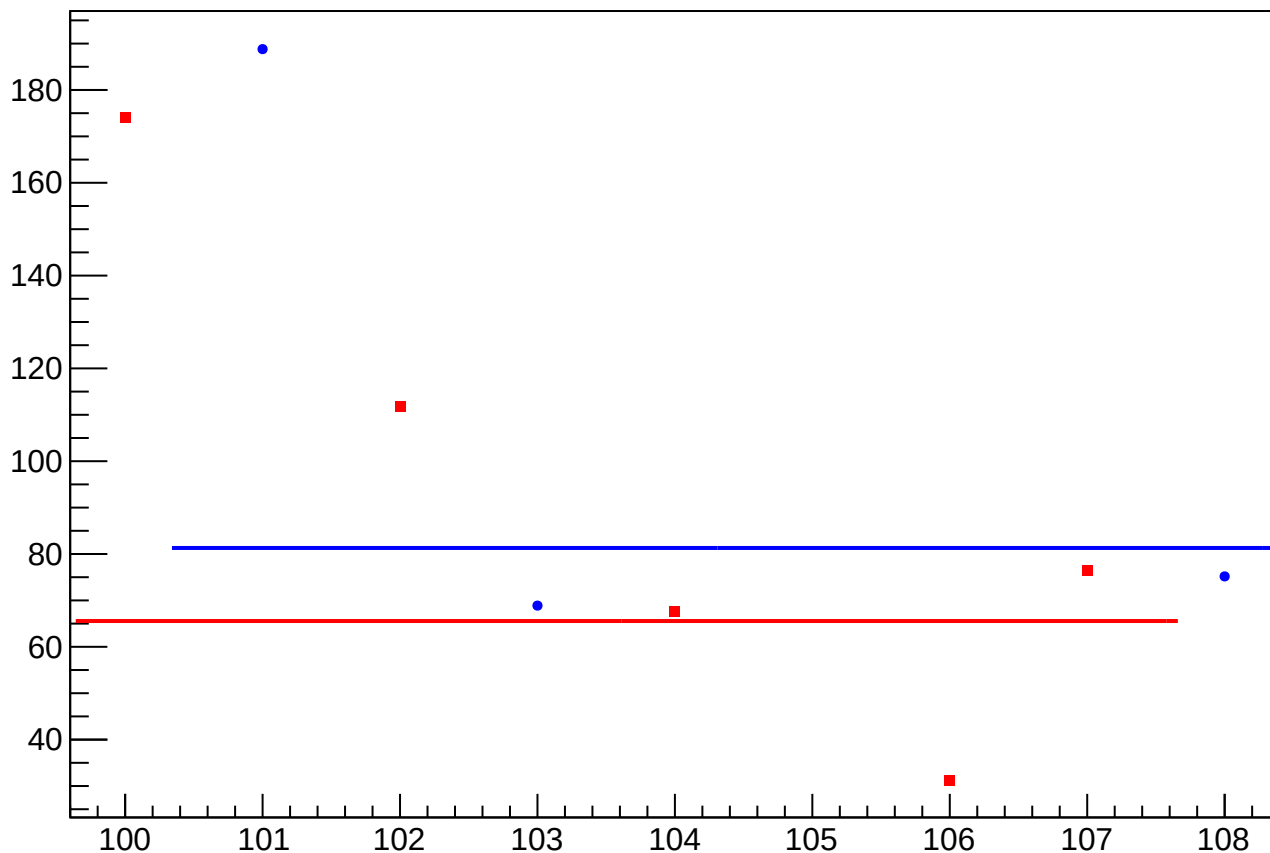
Right: -21.360+/-1.760 χ^2/NDF : 150.2/7

In: -22.370+/-3.079 χ^2/NDF : 125.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.360+/-1.760 χ^2/NDF : 150.2/7

reg_asym_usr_atr2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 81.302 $\pm$ 0.094 χ^2 /NDF: 131548.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 65.558 $\pm$ 0.080 χ^2 /NDF: 118049.6/4

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

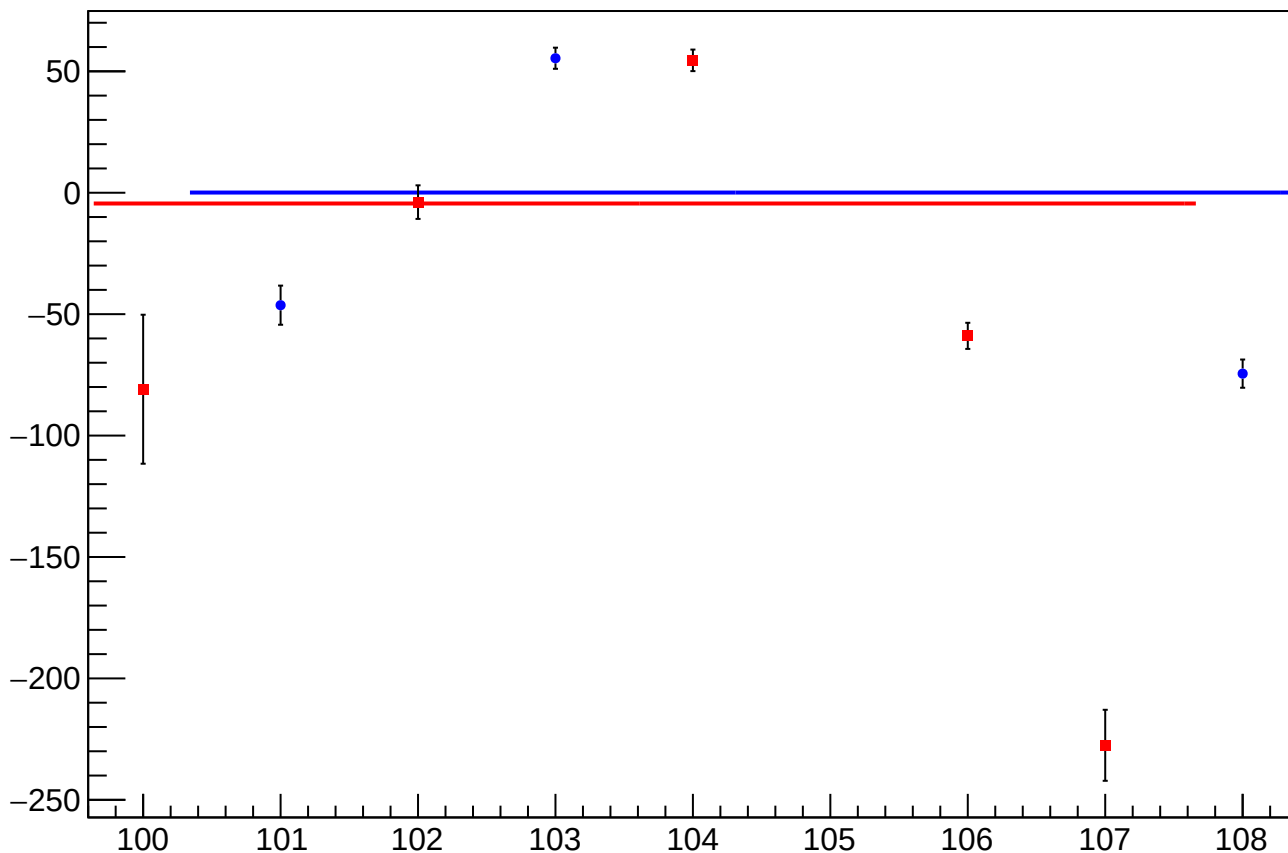
Right: 72.194 $\pm$ 0.061 χ^2 /NDF: 265820.7/7

In: 81.302 $\pm$ 0.094 χ^2 /NDF:131548.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 72.194 $\pm$ 0.061 χ^2 /NDF: 265820.7/7

reg_asym_us_avg_at1lr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.081+/-3.197 χ^2/NDF : 359.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.432+/-2.987 χ^2/NDF : 518.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

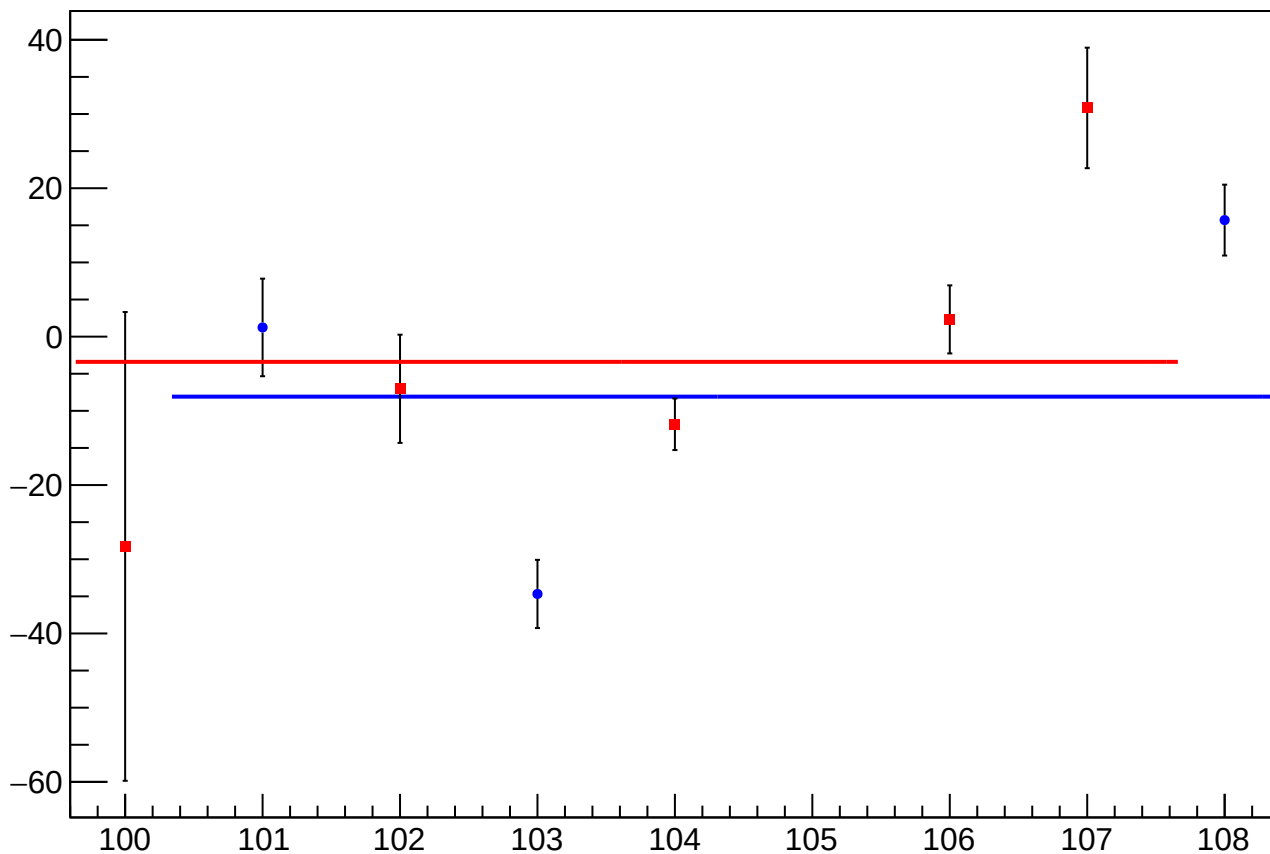
Right: -2.329+/-2.183 χ^2/NDF : 878.9/7

In: 0.081+/-3.197 χ^2/NDF : 359.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.329+/-2.183 χ^2/NDF : 878.9/7

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.086+/-2.958 χ^2/NDF : 60.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.399+/-2.458 χ^2/NDF : 26.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

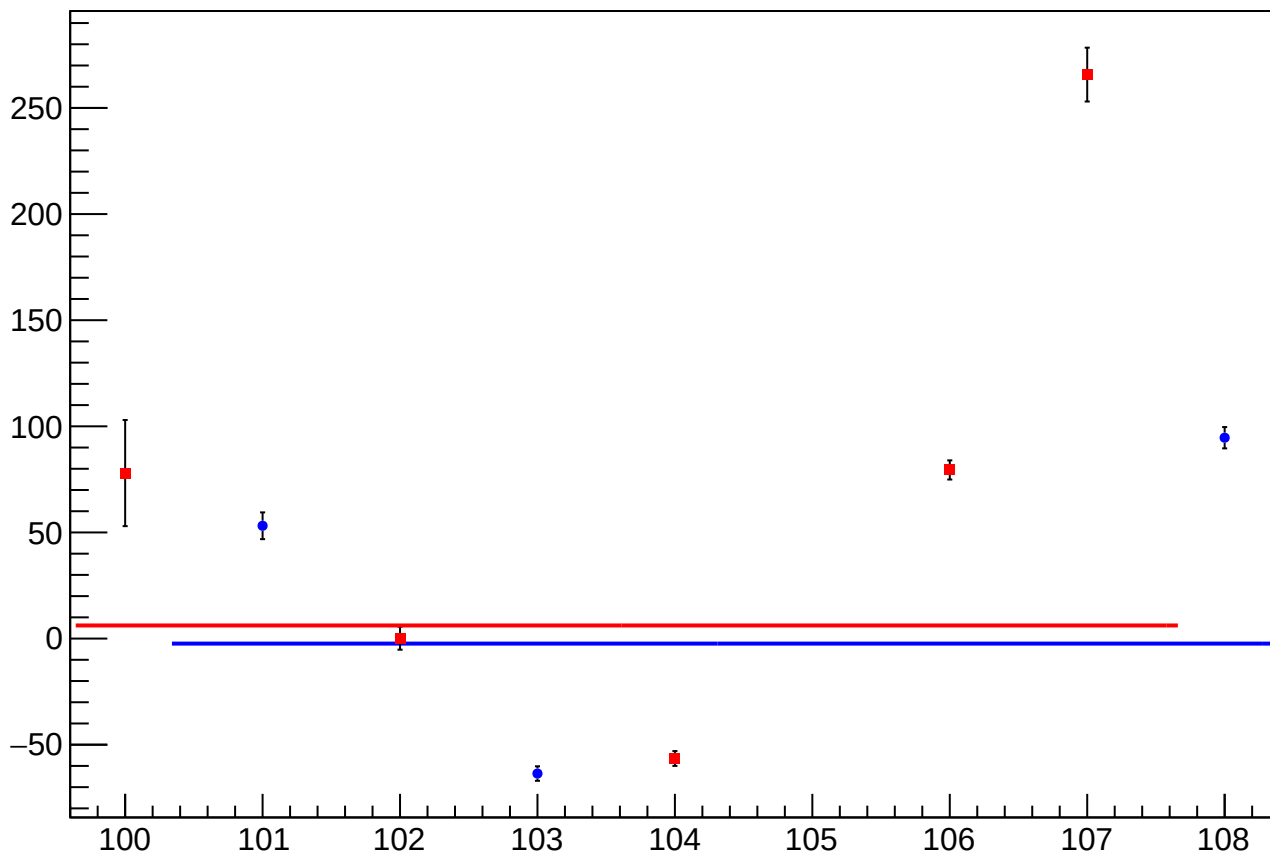
Right: -5.314+/-1.891 χ^2/NDF : 87.8/7

In: -8.086+/-2.958 χ^2/NDF : 60.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.314+/-1.891 χ^2/NDF : 87.8/7

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.366+/-2.577 χ^2/NDF : 772.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.178+/-2.407 χ^2/NDF : 1012.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

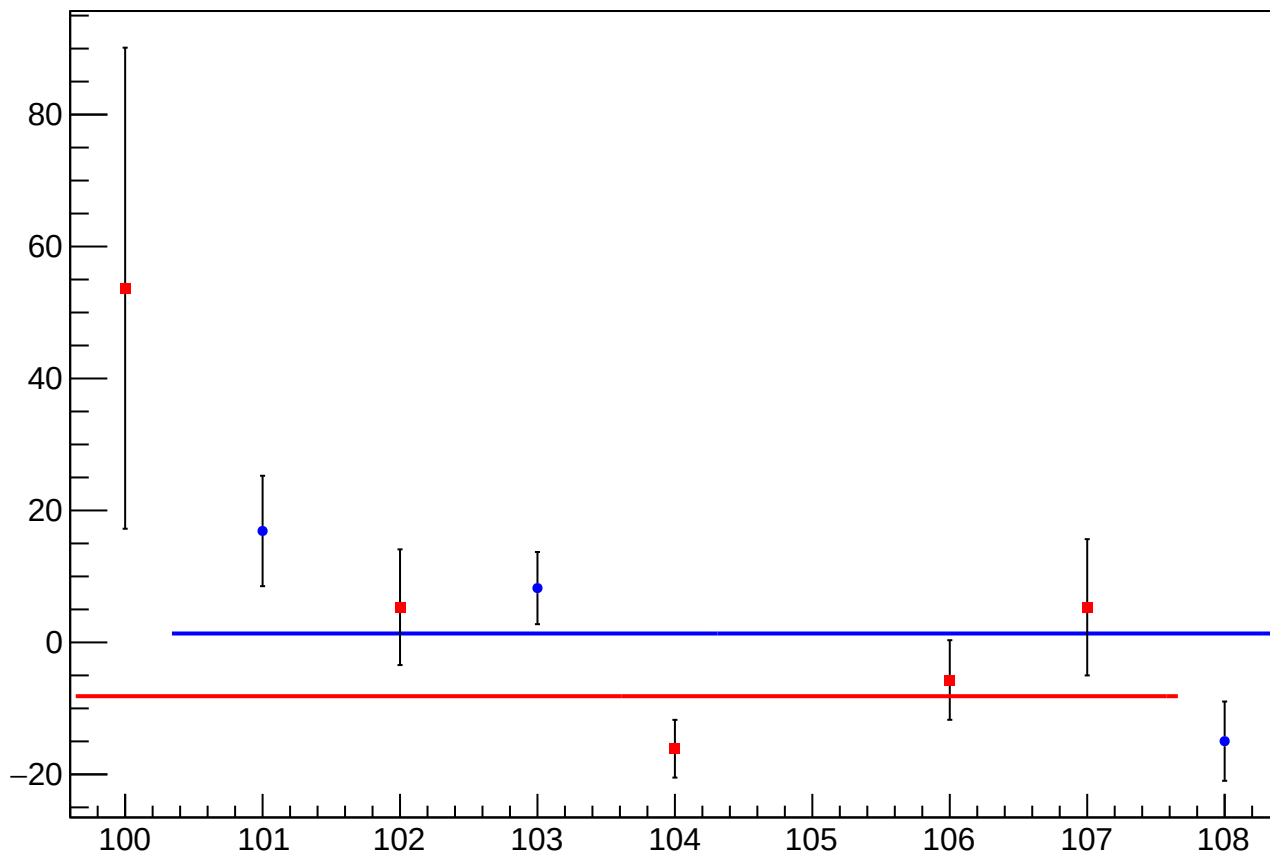
Right: 2.198+/-1.759 χ^2/NDF : 1790.5/7

In: -2.366+/-2.577 χ^2/NDF : 772.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.198+/-1.759 χ^2/NDF : 1790.5/7

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.351+/-3.641 χ^2/NDF : 12.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.152+/-3.118 χ^2/NDF : 10.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

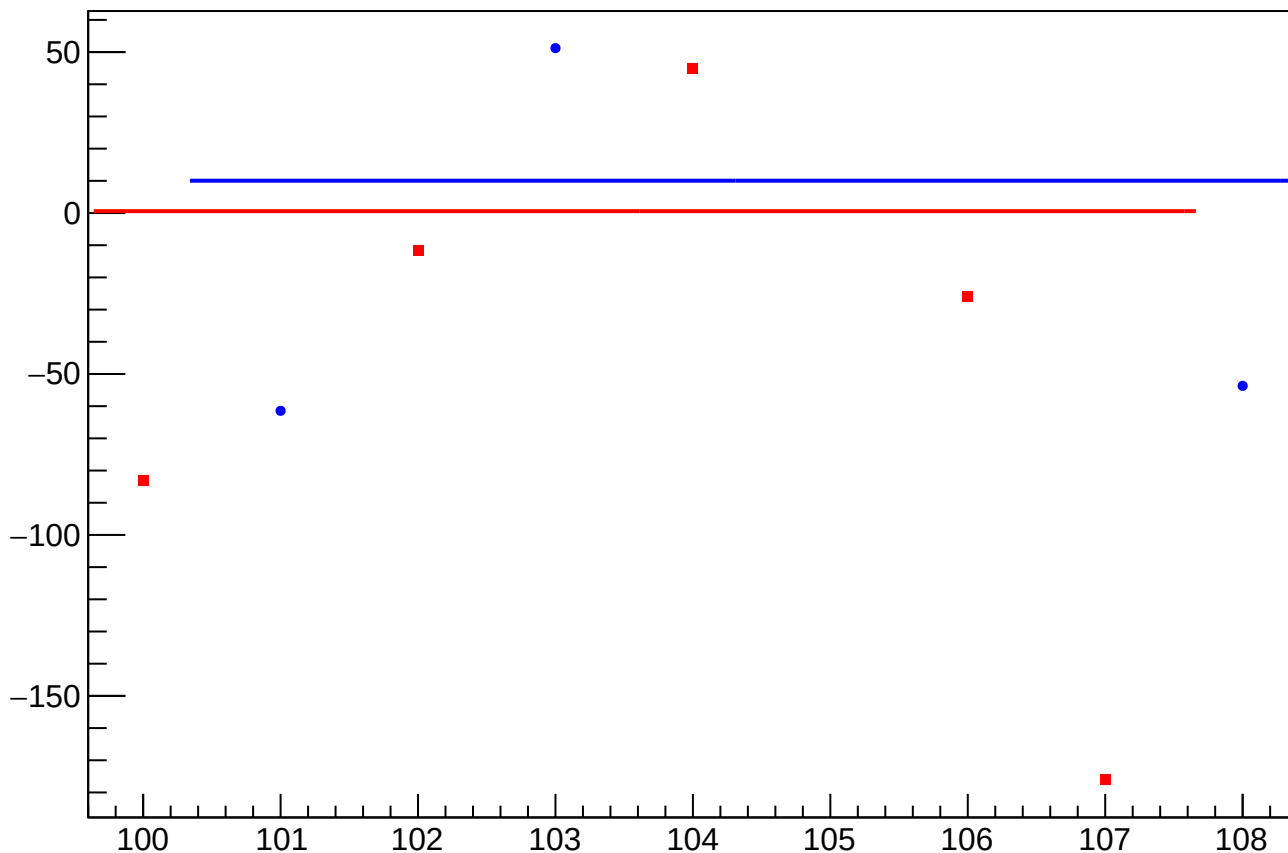
Right: -4.131+/-2.368 χ^2/NDF : 26.8/7

In: 1.351+/-3.641 χ^2/NDF : 12.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.131+/-2.368 χ^2/NDF : 26.8/7

reg_asym_us_avg_at1lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.045+/-0.111 χ^2/NDF : 217453.6/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.586+/-0.110 χ^2/NDF : 211067.1/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

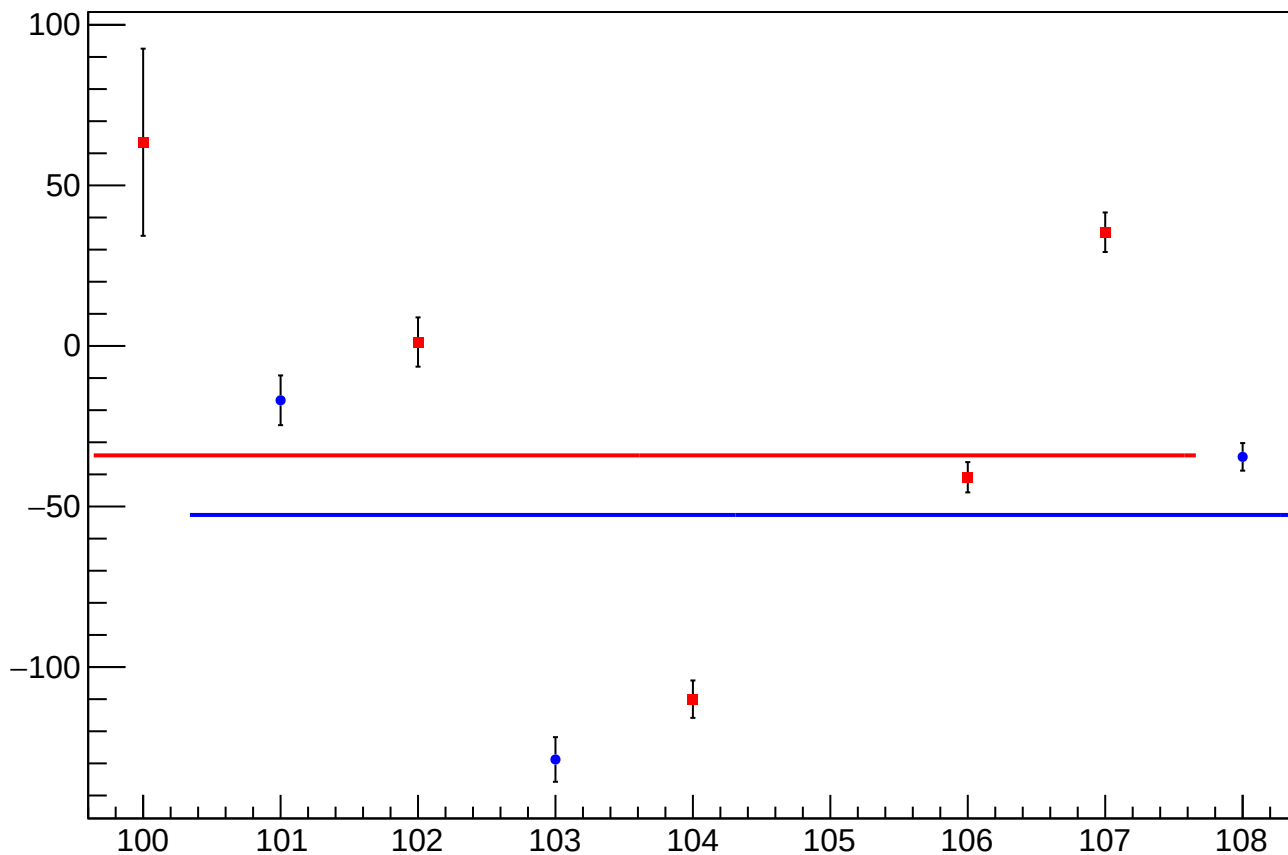
Right: 5.247+/-0.078 χ^2/NDF : 432172.1/7

In: 10.045+/-0.111 χ^2/NDF :217453.6/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 5.247+/-0.078 χ^2/NDF : 432172.1/7

reg_asym_us_avg_at1lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -52.628+/-3.305 χ^2/NDF : 159.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -34.073+/-2.899 χ^2/NDF : 331.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

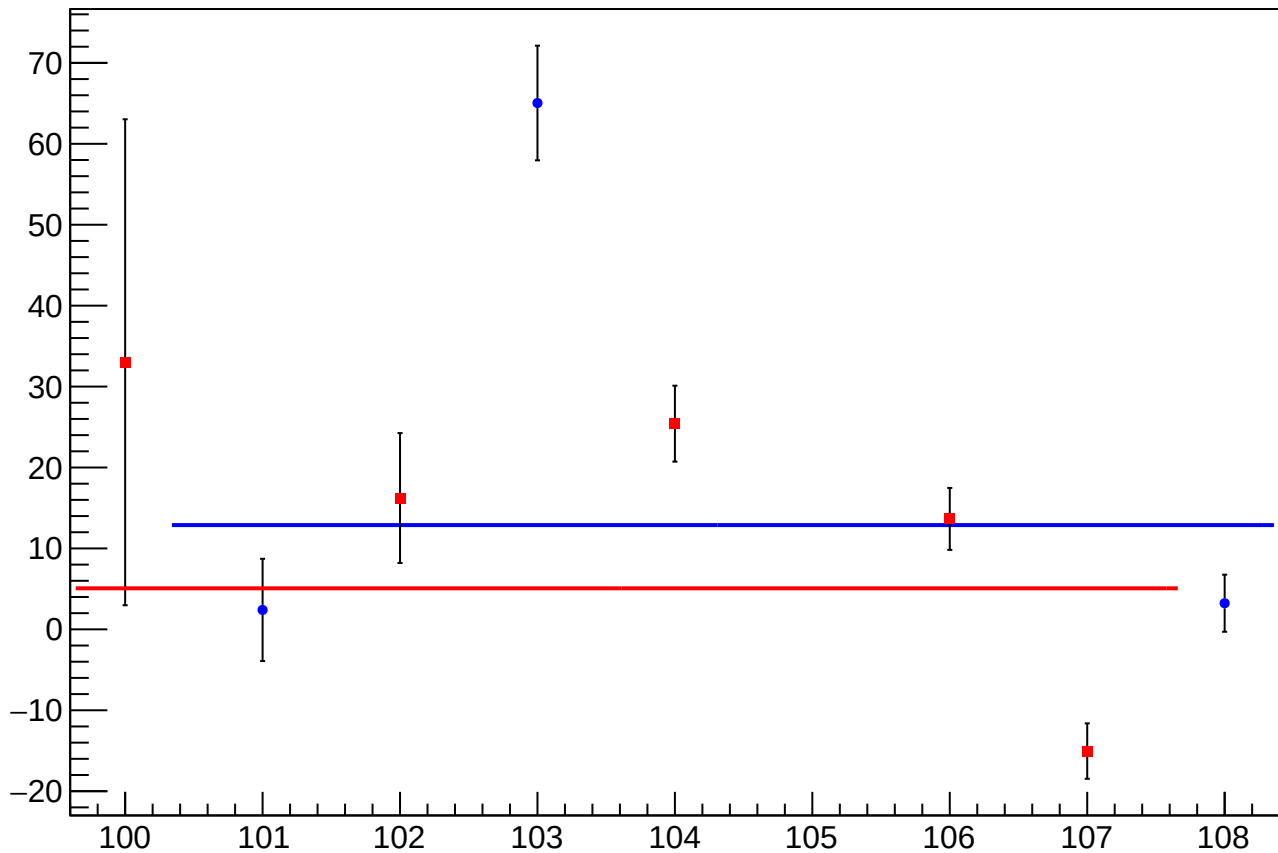
Right: -42.142+/-2.179 χ^2/NDF : 508.7/7

In: -52.628+/-3.305 χ^2/NDF : 159.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.142+/-2.179 χ^2/NDF : 508.7/7

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.884+/-2.824 χ^2/NDF : 64.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.071+/-2.154 χ^2/NDF : 61.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

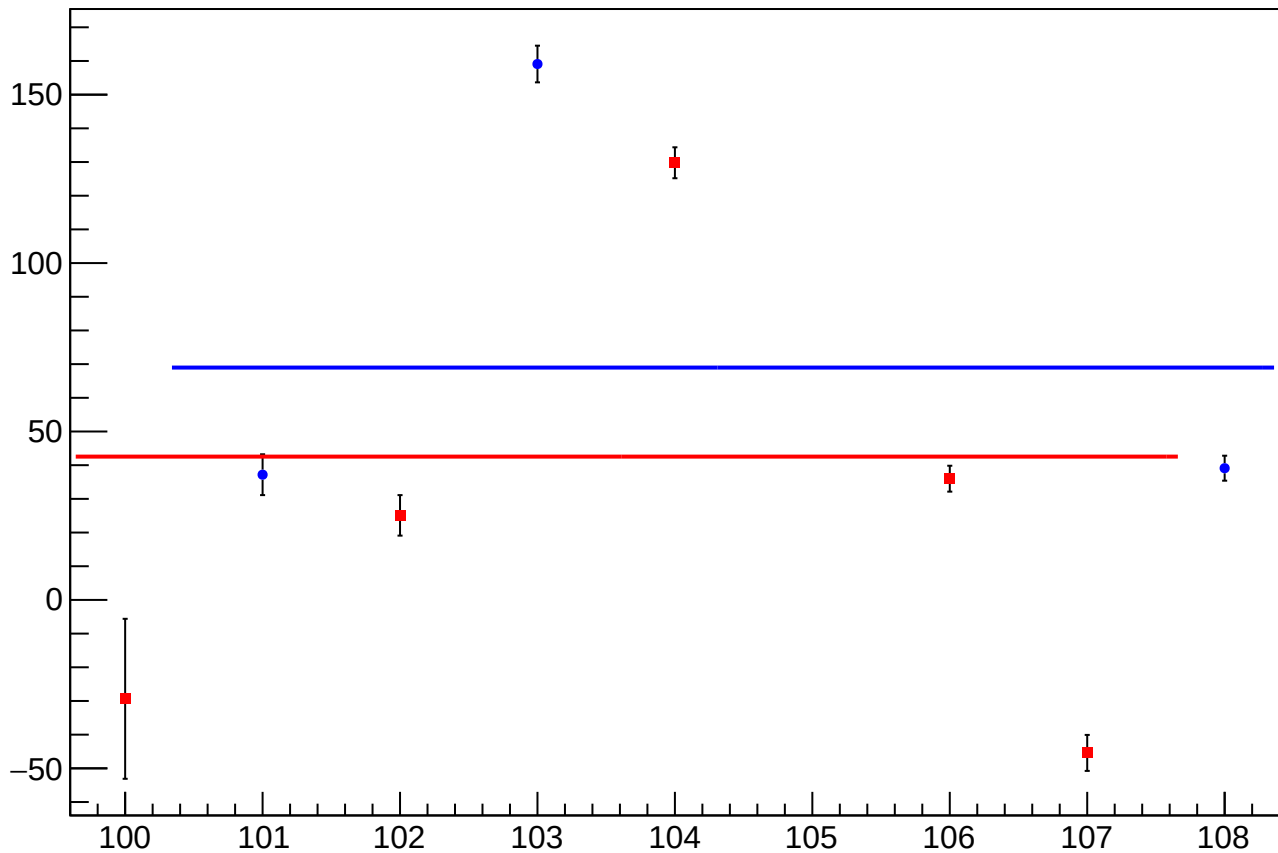
Right: 7.944+/-1.713 χ^2/NDF : 130.3/7

In: 12.884+/-2.824 χ^2/NDF : 64.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.944+/-1.713 χ^2/NDF : 130.3/7

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.981+/-2.736 χ^2/NDF : 366.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.547+/-2.361 χ^2/NDF : 652.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

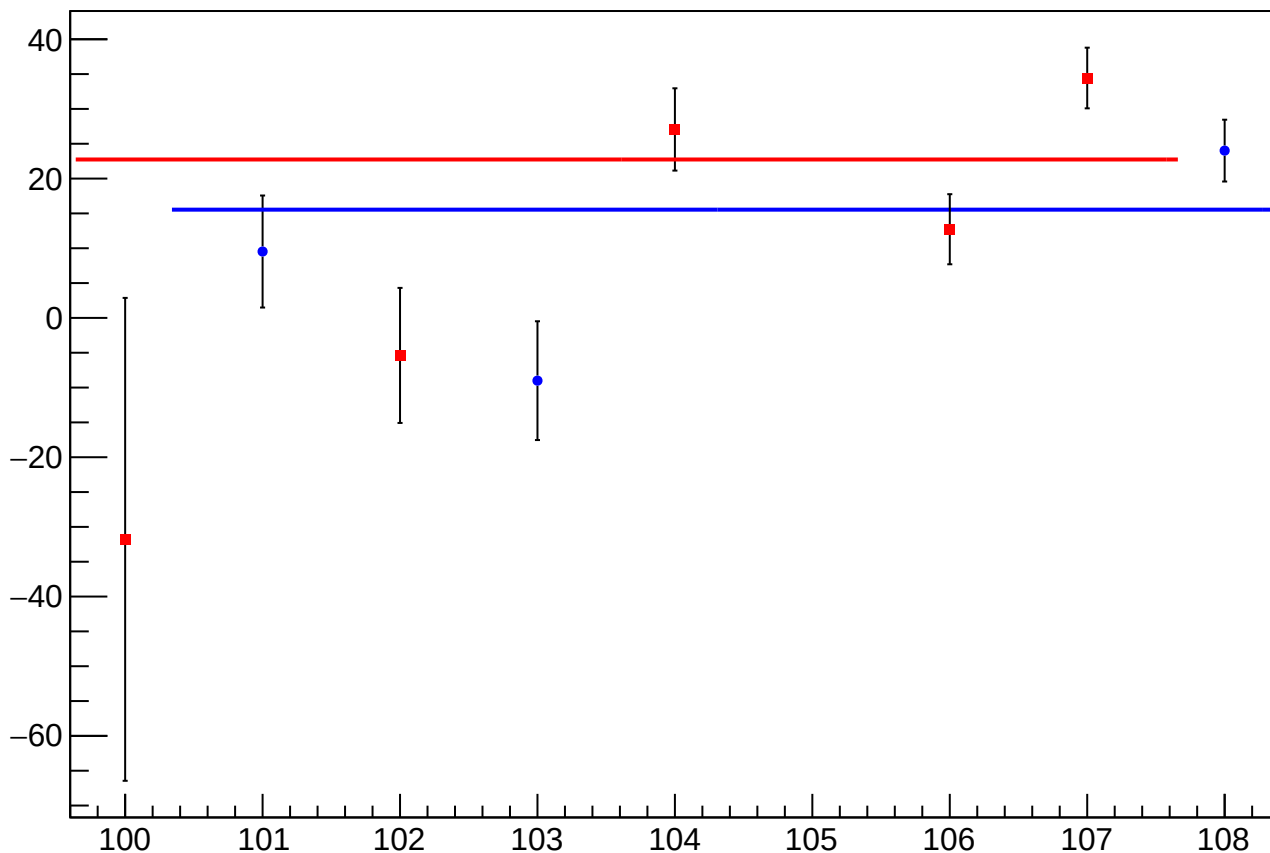
Right: 53.829+/-1.787 χ^2/NDF : 1072.0/7

In: 68.981+/-2.736 χ^2/NDF : 366.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.829+/-1.787 χ^2/NDF : 1072.0/7

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.539+/-3.535 χ^2/NDF : 12.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.741+/-2.749 χ^2/NDF : 22.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

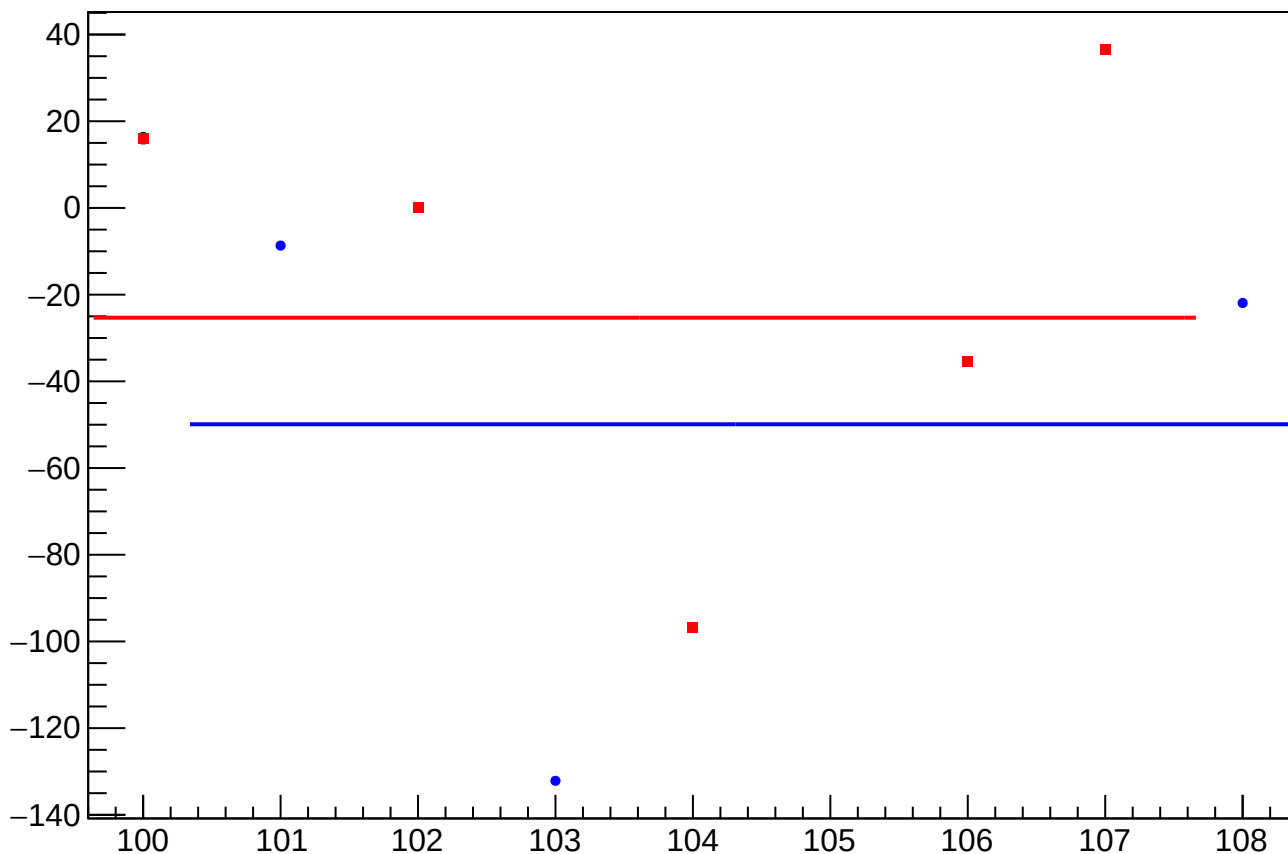
Right: 20.027+/-2.170 χ^2/NDF : 37.7/7

In: 15.539+/-3.535 χ^2/NDF : 12.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.027+/-2.170 χ^2/NDF : 37.7/7

reg_asym_us_avg_at1lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -49.905 $\pm$ 0.119 χ^2 /NDF: 174542.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -25.316 $\pm$ 0.108 χ^2 /NDF: 197010.4/4

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

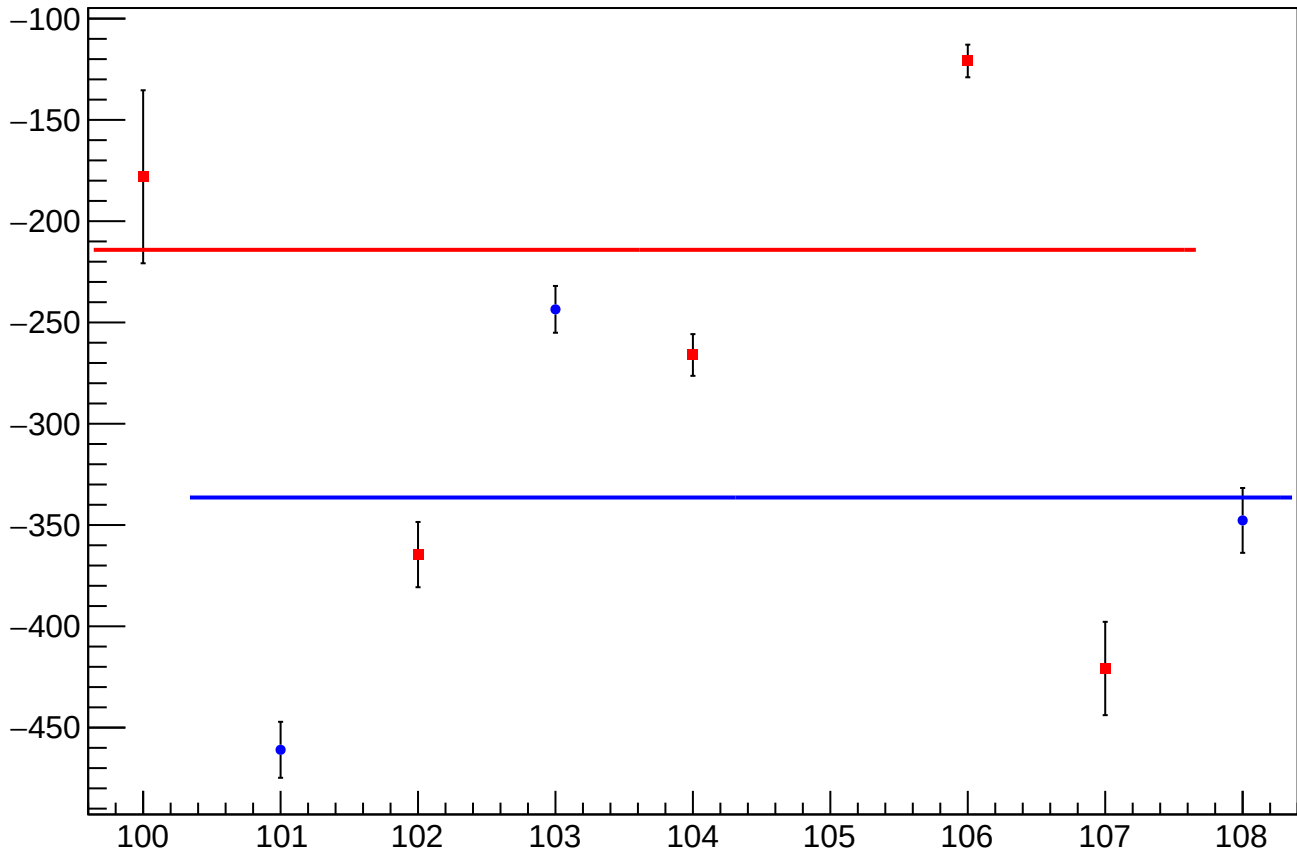
Right: -36.425 $\pm$ 0.080 χ^2 /NDF: 394857.5/7

In: -49.905 $\pm$ 0.119 χ^2 /NDF:174542.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -36.425 $\pm$ 0.080 χ^2 /NDF: 394857.5/7

reg_asym_us_avg_at2lr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -336.414+/-7.753 χ^2/NDF : 146.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -214.144+/-5.666 χ^2/NDF : 328.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

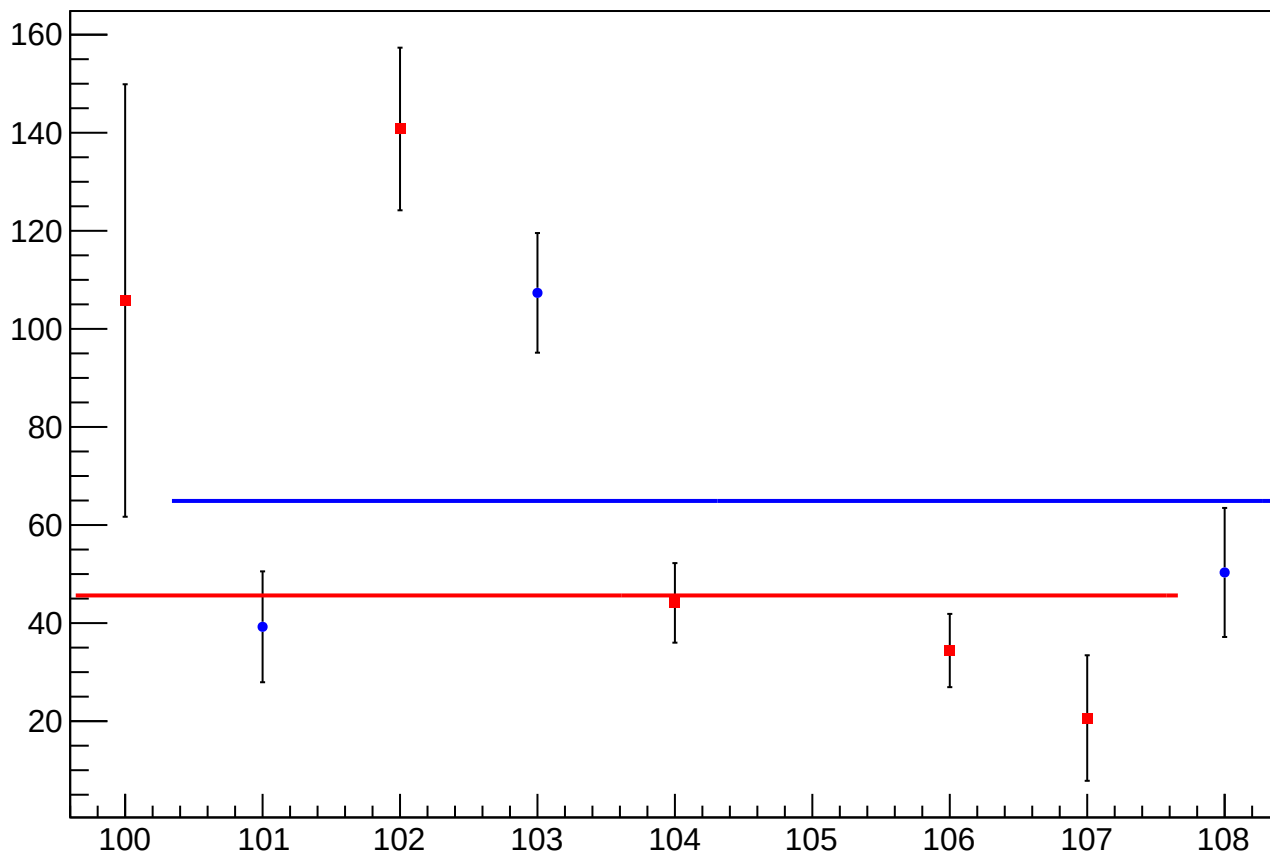
Right: -256.711+/-4.574 χ^2/NDF : 636.6/7

In: -336.414+/-7.753 χ^2/NDF : 146.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -256.711+/-4.574 χ^2/NDF : 636.6/7

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 64.913+/-7.016 χ^2/NDF : 18.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.638+/-4.802 χ^2/NDF : 40.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

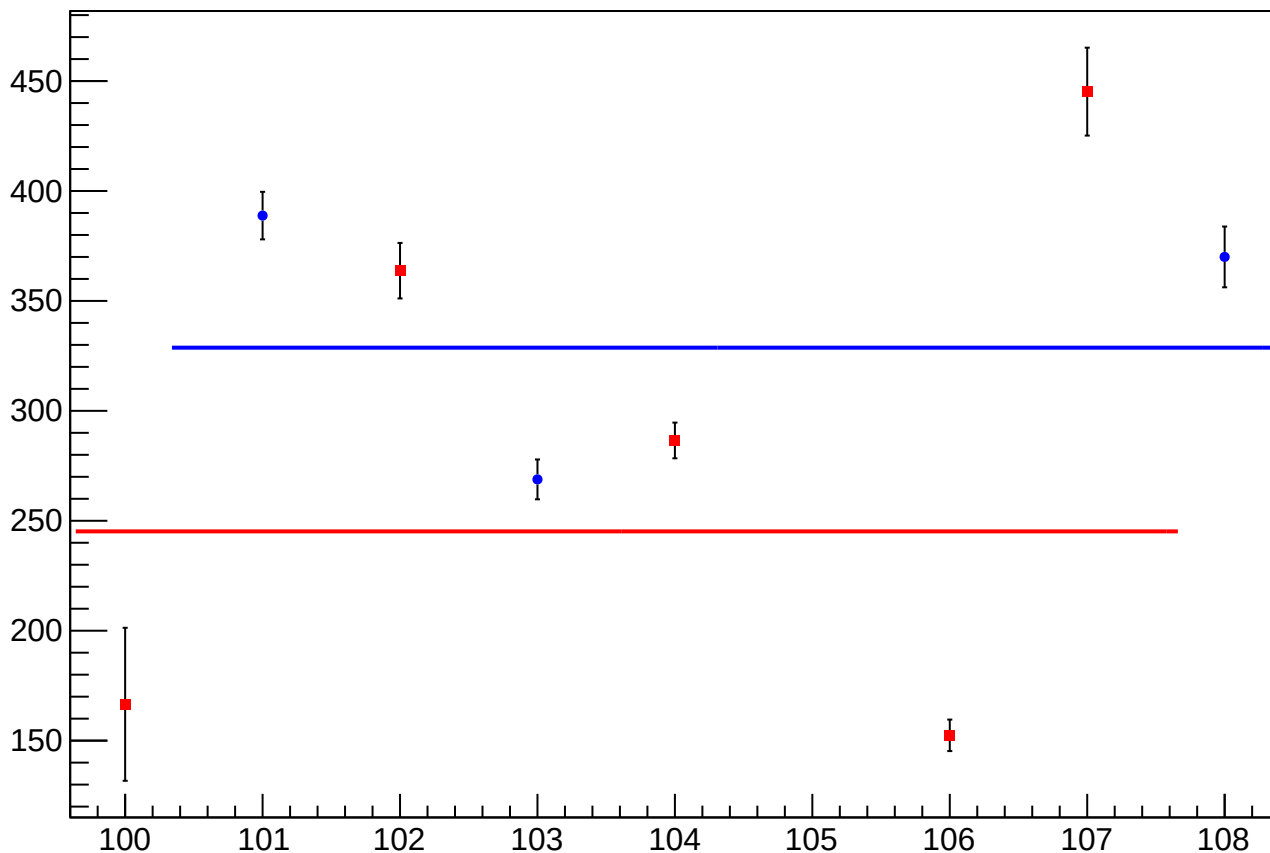
Right: 51.787+/-3.963 χ^2/NDF : 64.5/7

In: 64.913+/-7.016 χ^2/NDF : 18.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.787+/-3.963 χ^2/NDF : 64.5/7

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 328.738+/-6.206 χ^2/NDF : 83.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 245.179+/-4.755 χ^2/NDF : 386.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

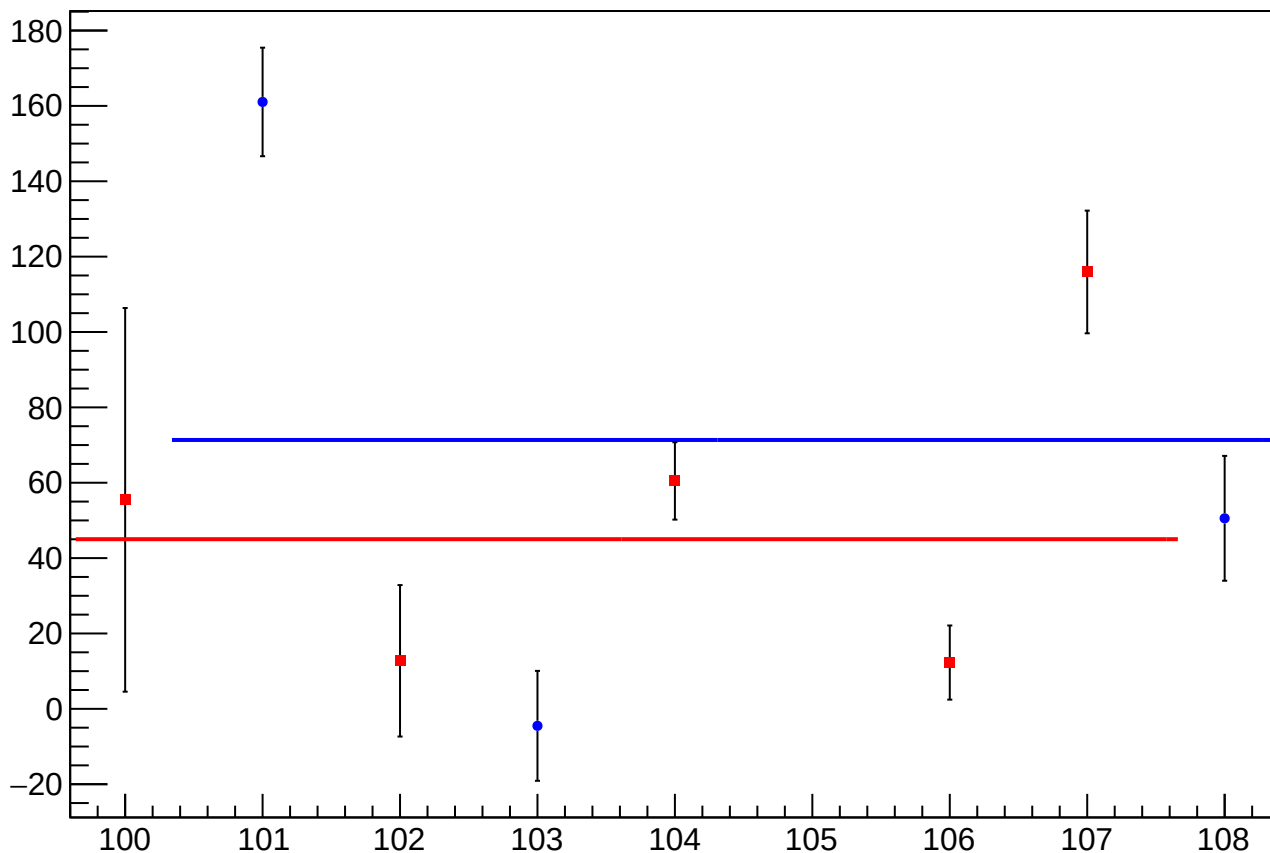
Right: 276.083+/-3.774 χ^2/NDF : 584.6/7

In: 328.738+/-6.206 χ^2/NDF : 83.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 276.083+/-3.774 χ^2/NDF : 584.6/7

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 71.350+/-8.715 χ^2/NDF : 67.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.020+/-6.148 χ^2/NDF : 34.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

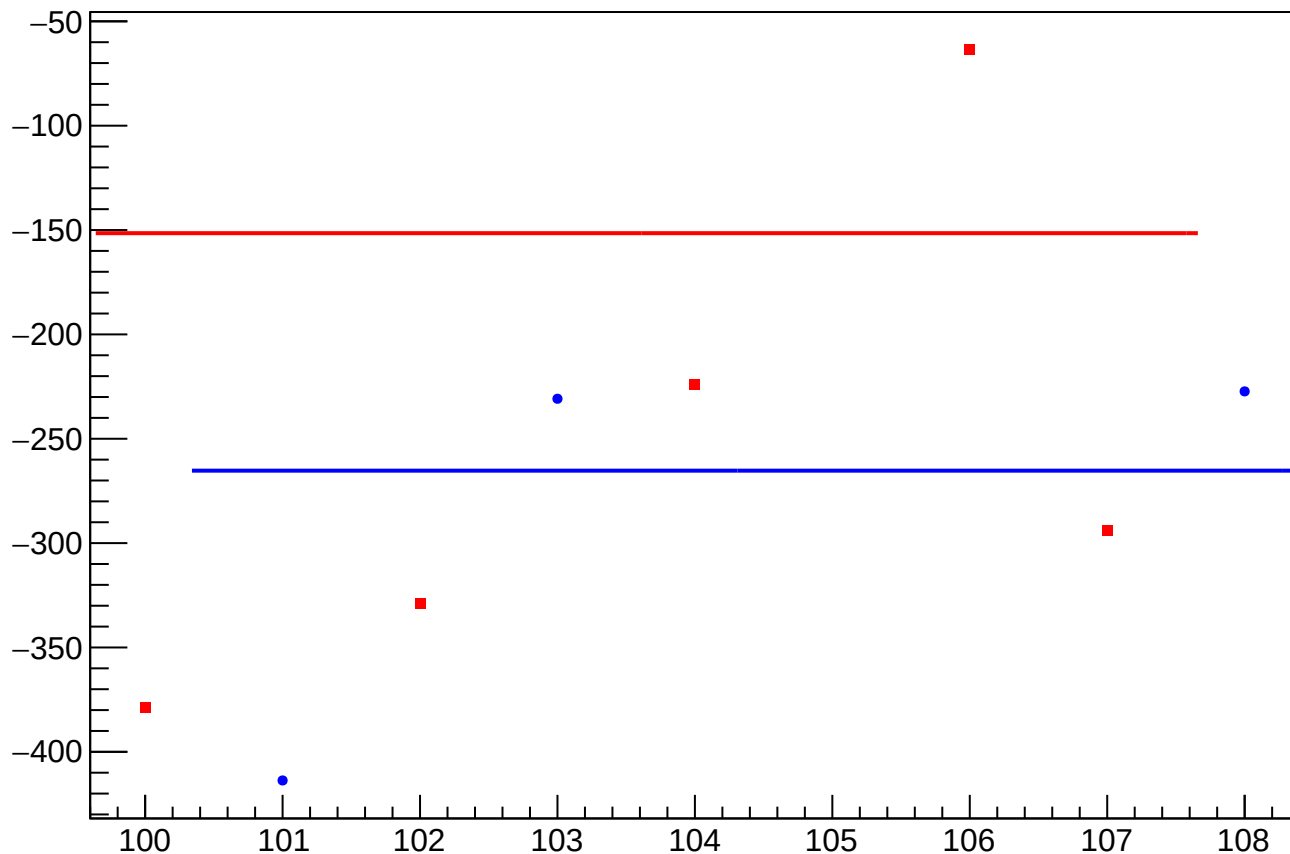
Right: 53.770+/-5.024 χ^2/NDF : 108.5/7

In: 71.350+/-8.715 χ^2/NDF : 67.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.770+/-5.024 χ^2/NDF : 108.5/7

reg_asym_us_avg_at2lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -265.285+/-0.284 χ^2/NDF : 65530.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -151.499+/-0.193 χ^2/NDF : 304197.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

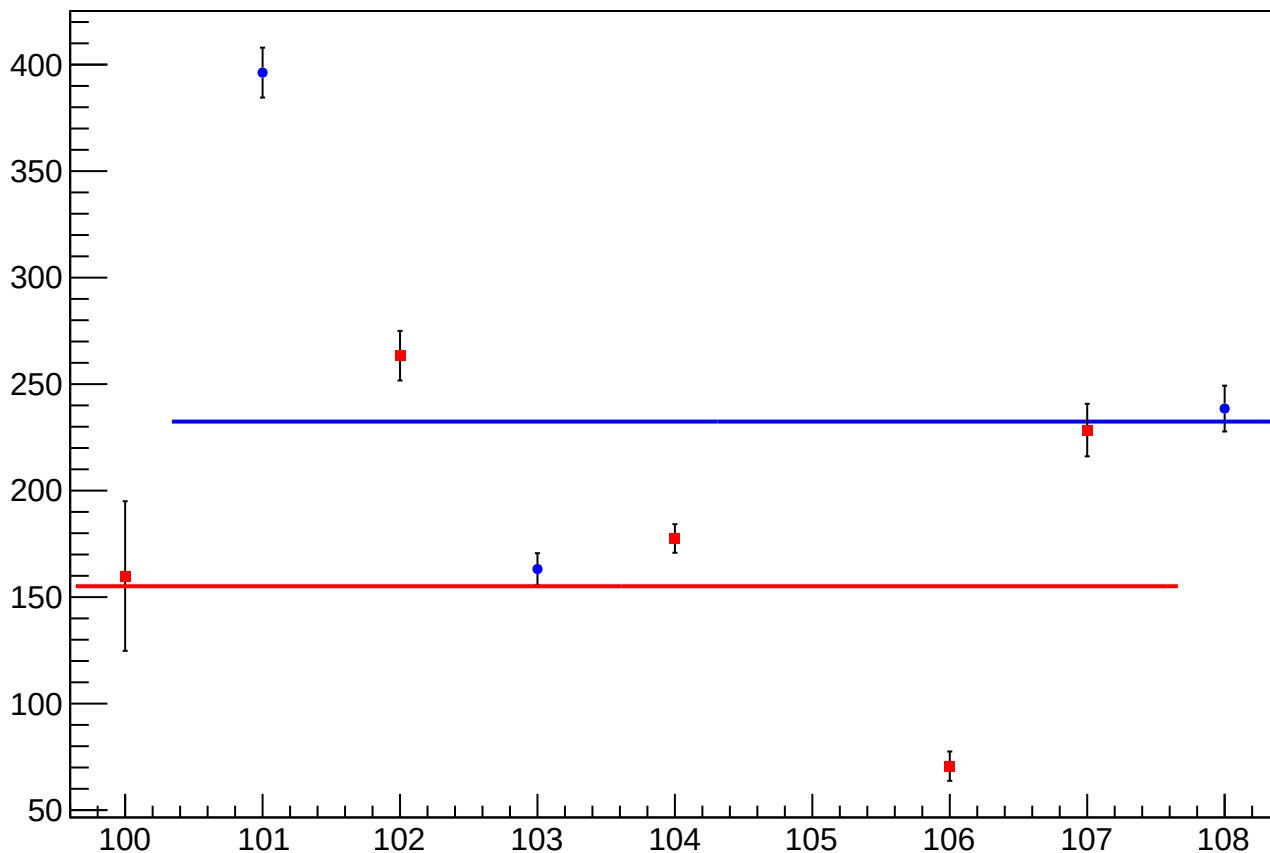
Right: -187.451+/-0.160 χ^2/NDF : 479688.7/7

In: -265.285+/-0.284 χ^2/NDF : 65530.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -187.451+/-0.160 χ^2/NDF : 479688.7/7

reg_asym_us_avg_at2lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 232.413+/-5.427 χ^2/NDF : 282.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.113+/-4.152 χ^2/NDF : 283.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

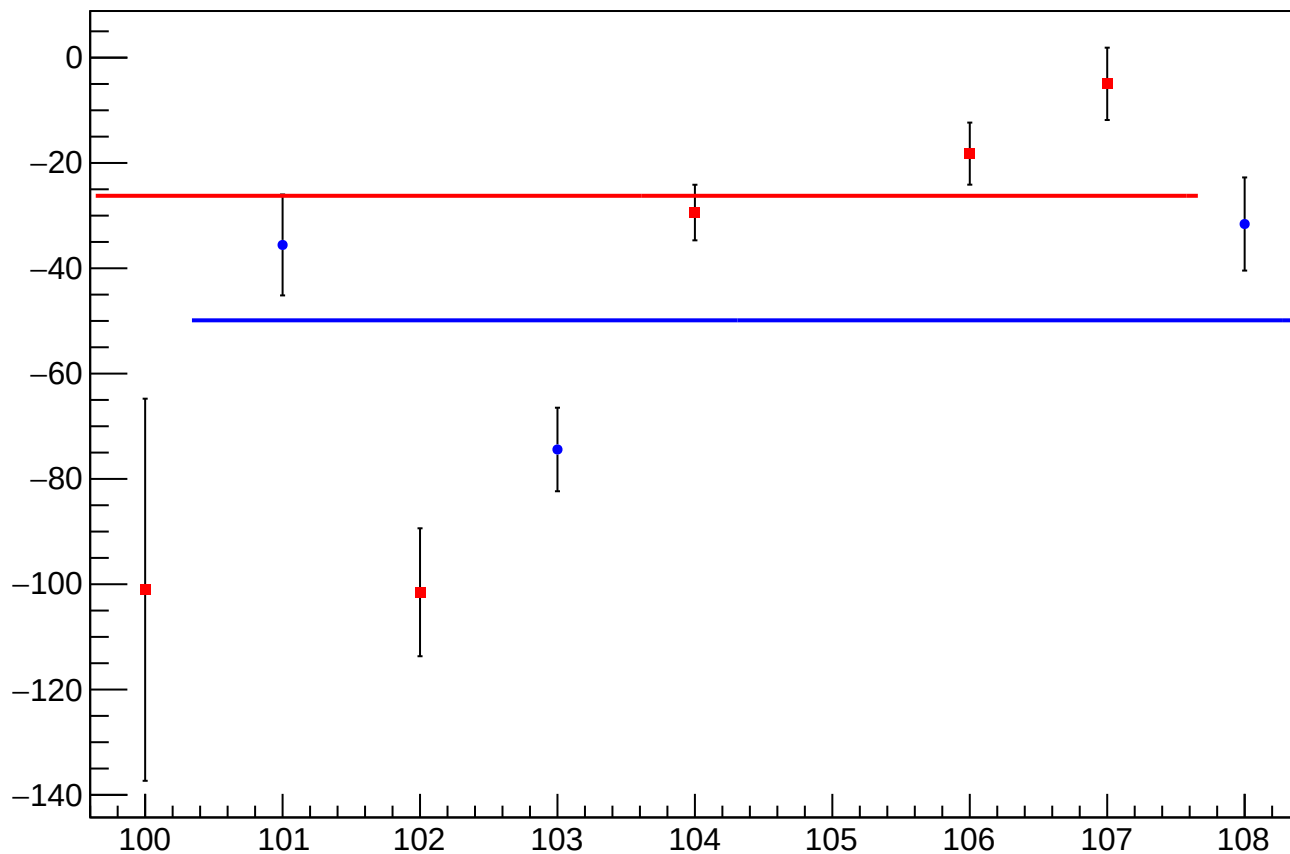
Right: 183.650+/-3.298 χ^2/NDF : 693.7/7

In: 232.413+/-5.427 χ^2/NDF : 282.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.650+/-3.298 χ^2/NDF : 693.7/7

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -49.884+/-5.027 χ^2/NDF : 16.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -26.234+/-3.272 χ^2/NDF : 54.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

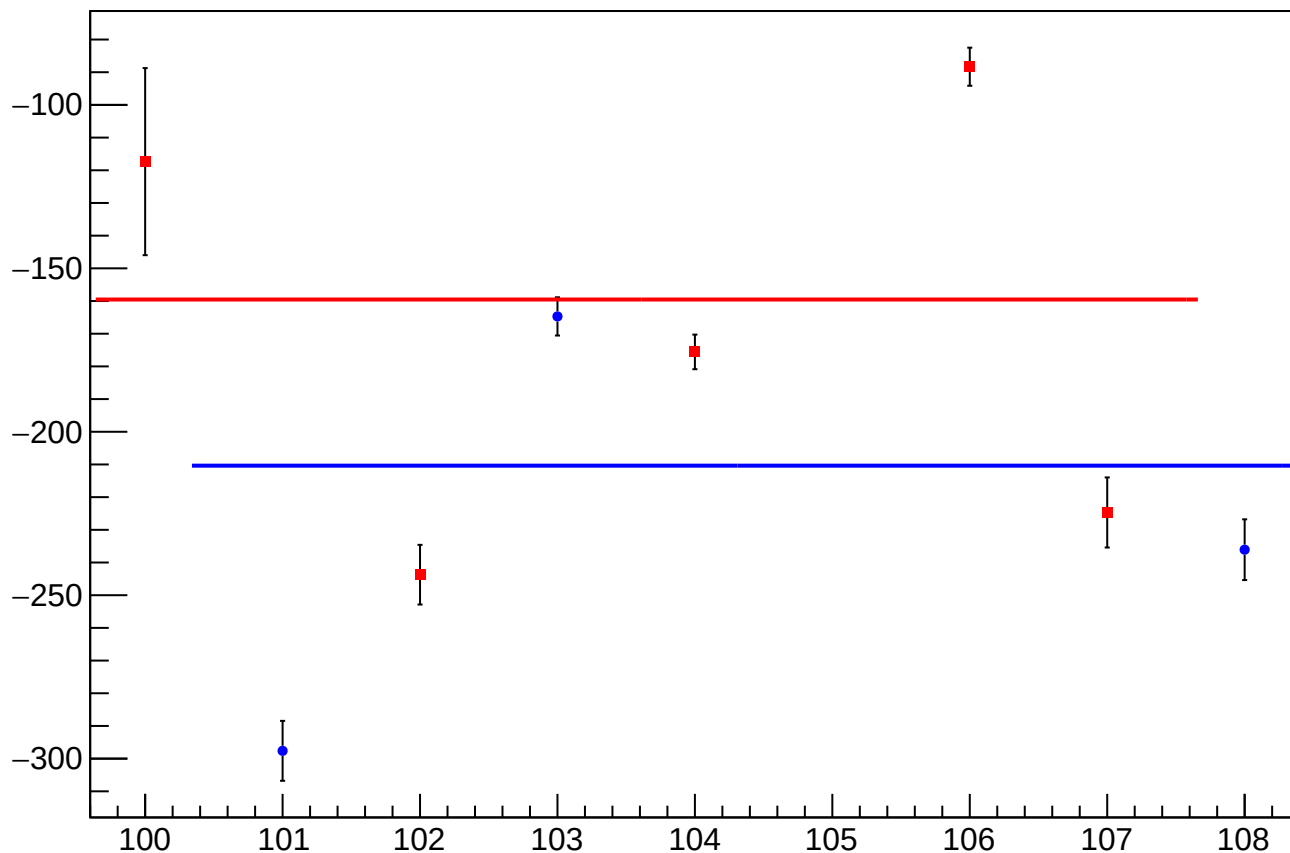
Right: -33.271+/-2.742 χ^2/NDF : 86.1/7

In: -49.884+/-5.027 χ^2/NDF : 16.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.271+/-2.742 χ^2/NDF : 86.1/7

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -210.367+/-4.354 χ^2/NDF : 159.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -159.536+/-3.389 χ^2/NDF : 282.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

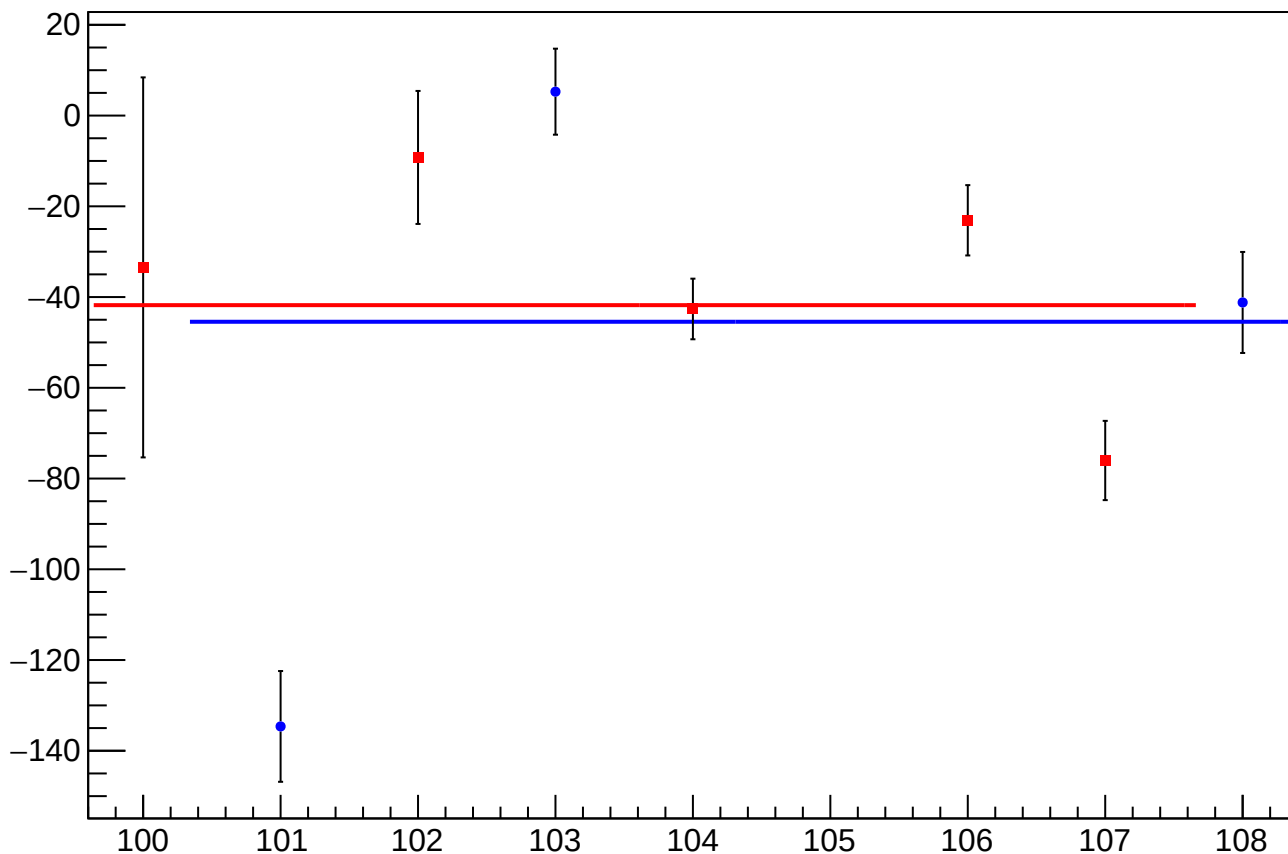
Right: -178.718+/-2.675 χ^2/NDF : 526.9/7

In: -210.367+/-4.354 χ^2/NDF : 159.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -178.718+/-2.675 χ^2/NDF : 526.9/7

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -45.445 $\pm$ 6.213 χ^2 /NDF: 82.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -41.784 $\pm$ 4.174 χ^2 /NDF: 26.2/4

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

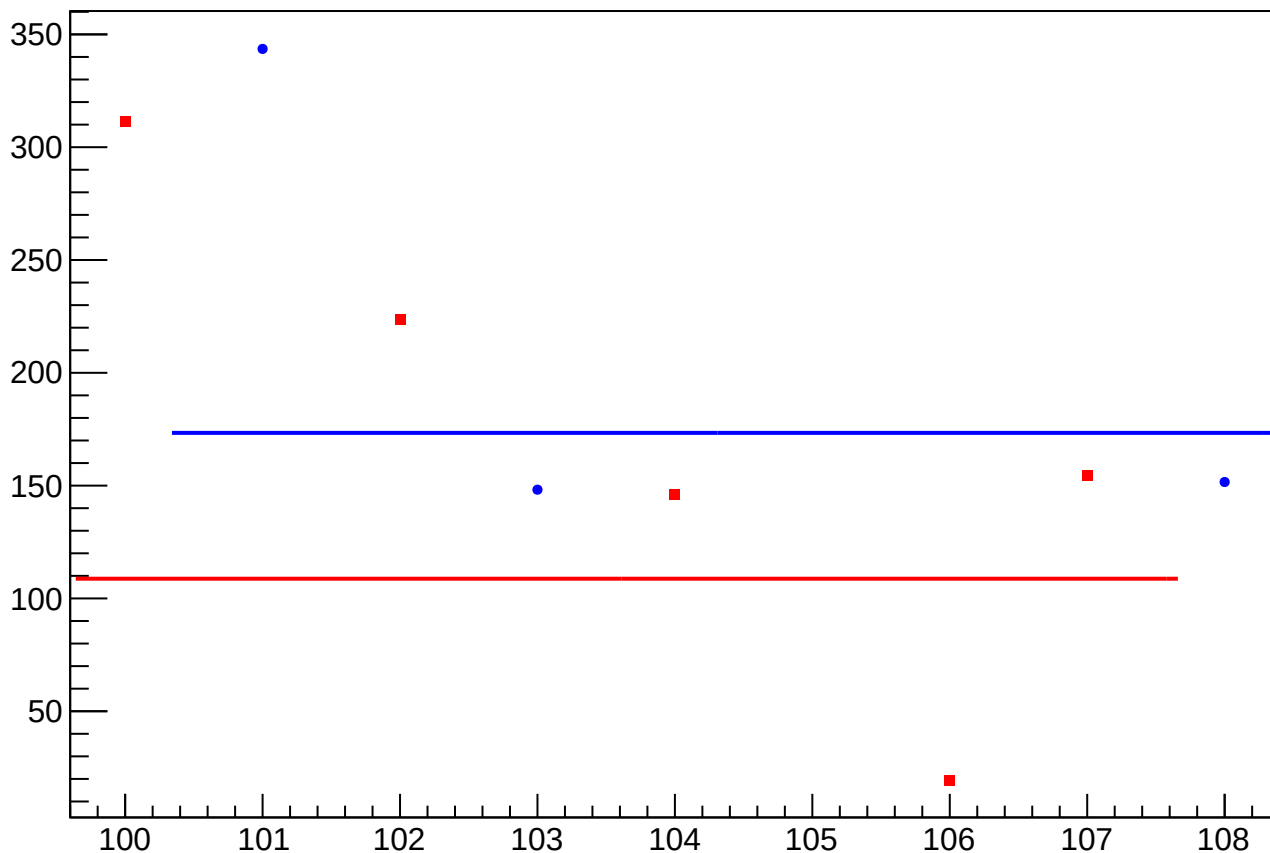
Right: -42.922 $\pm$ 3.465 χ^2 /NDF: 108.6/7

In: -45.445 $\pm$ 6.213 χ^2 /NDF: 82.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -42.922 $\pm$ 3.465 χ^2 /NDF: 108.6/7

reg_asym_us_avg_at2lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 173.379+/-0.193 χ^2/NDF : 110523.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.739+/-0.148 χ^2/NDF : 284959.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

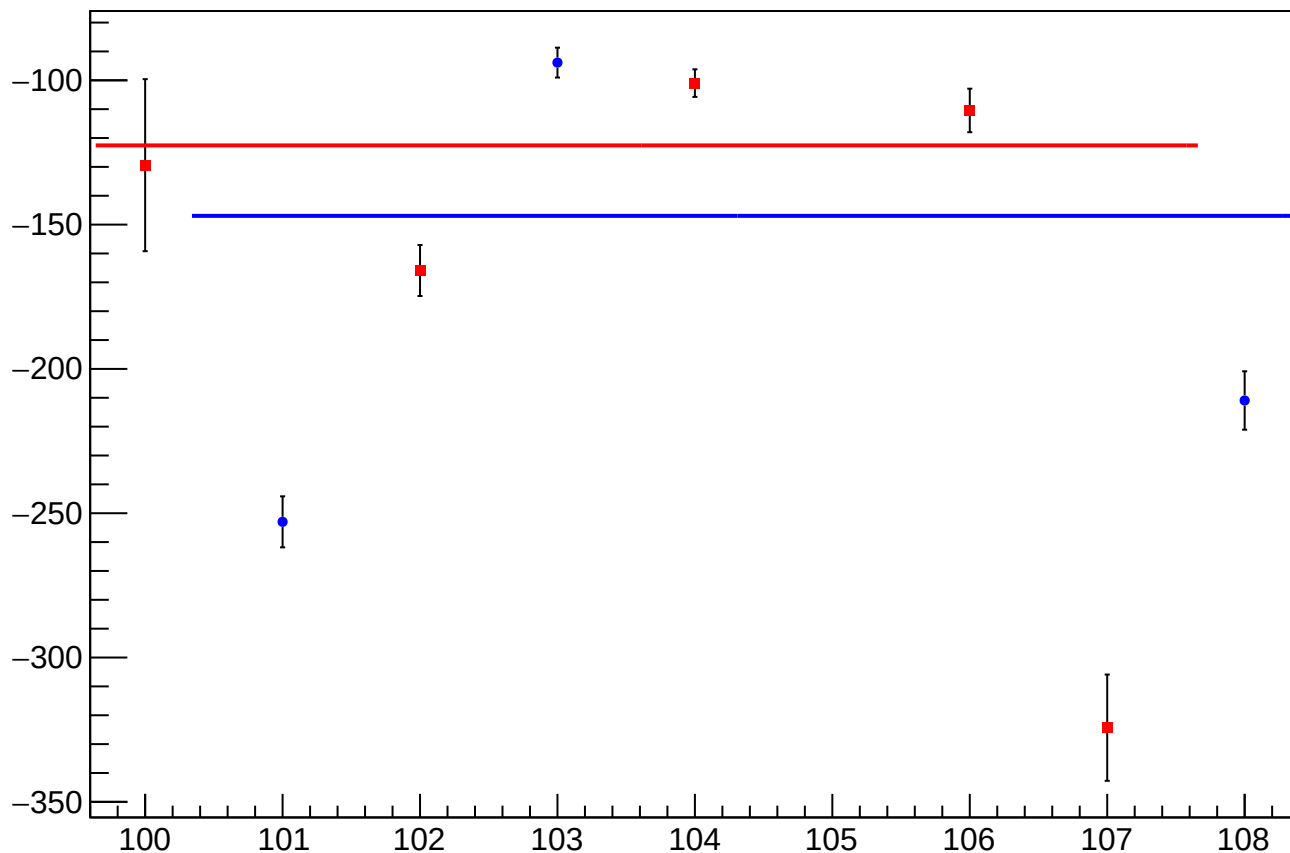
Right: 132.599+/-0.117 χ^2/NDF : 466236.9/7

In: 173.379+/-0.193 χ^2/NDF : 110523.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.599+/-0.117 χ^2/NDF : 466236.9/7

reg_asym_us_avg_atlr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -146.964 $\pm$ 4.086 χ^2 /NDF: 289.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -122.558 $\pm$ 3.574 χ^2 /NDF: 167.2/4

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

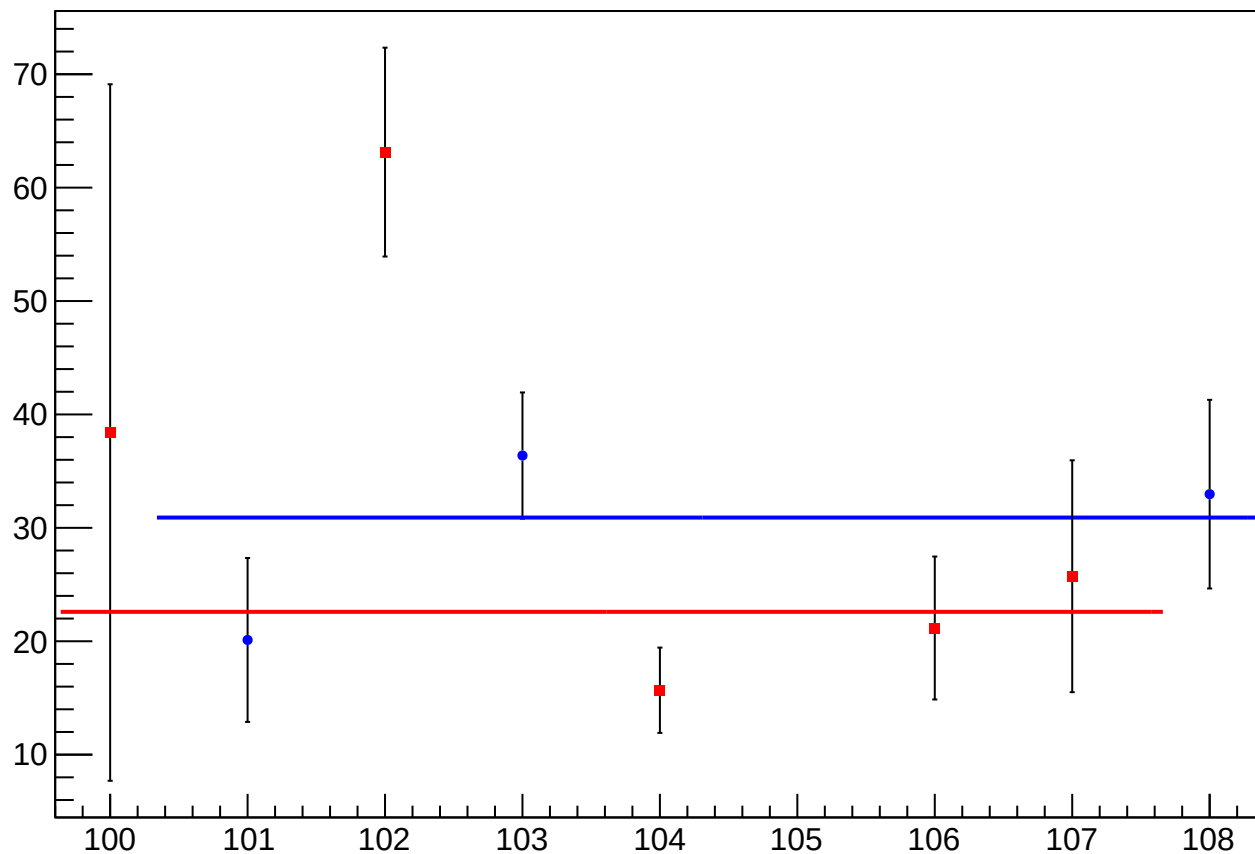
Right: -133.136 $\pm$ 2.690 χ^2 /NDF: 476.5/7

In: -146.964 $\pm$ 4.086 χ^2 /NDF: 289.1/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -133.136 $\pm$ 2.690 χ^2 /NDF: 476.5/7

reg_asym_us_avg_atlr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 30.907+/-3.894 χ^2/NDF : 3.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.594+/-2.907 χ^2/NDF : 23.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

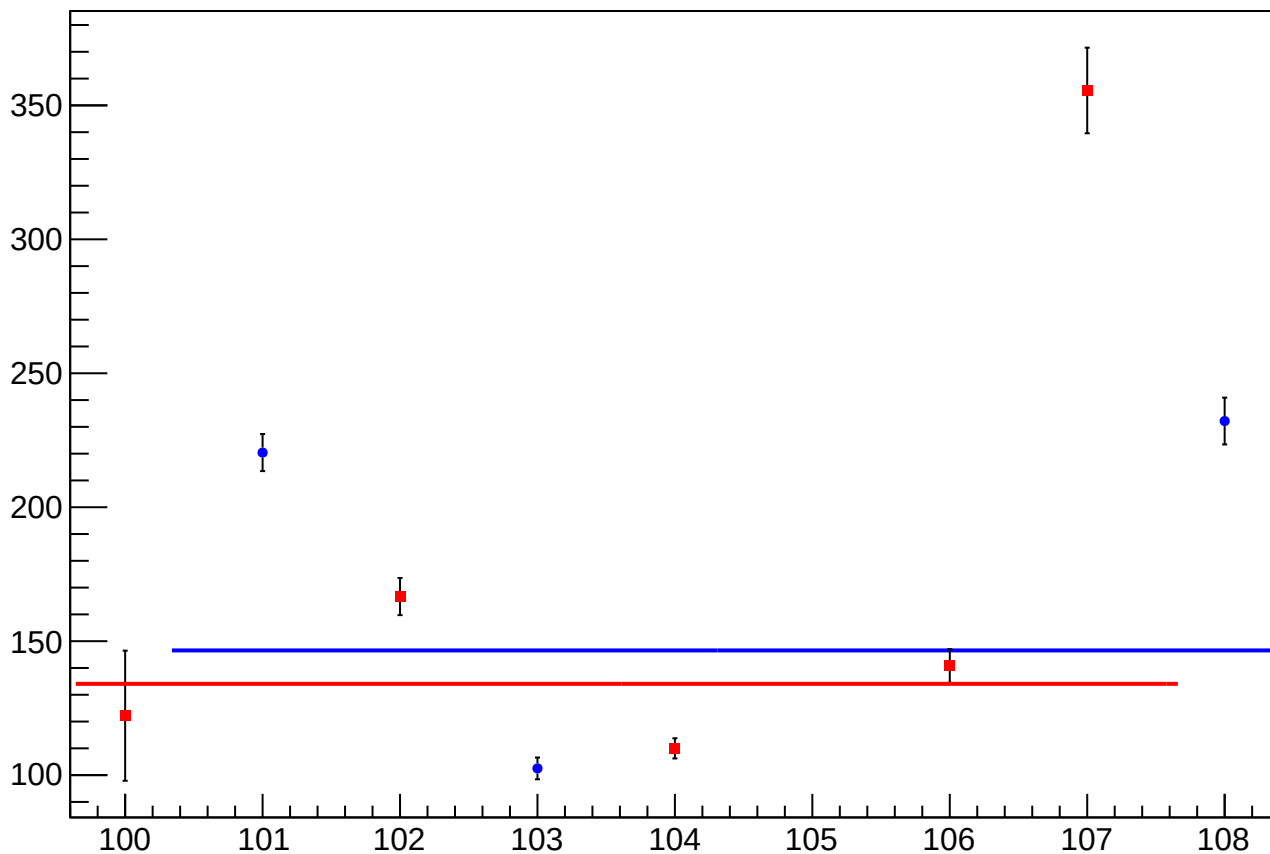
Right: 25.569+/-2.330 χ^2/NDF : 29.4/7

In: 30.907+/-3.894 χ^2/NDF : 3.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.569+/-2.330 χ^2/NDF : 29.4/7

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 146.554+/-3.253 χ^2/NDF : 327.4/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 134.078+/-2.860 χ^2/NDF : 256.6/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

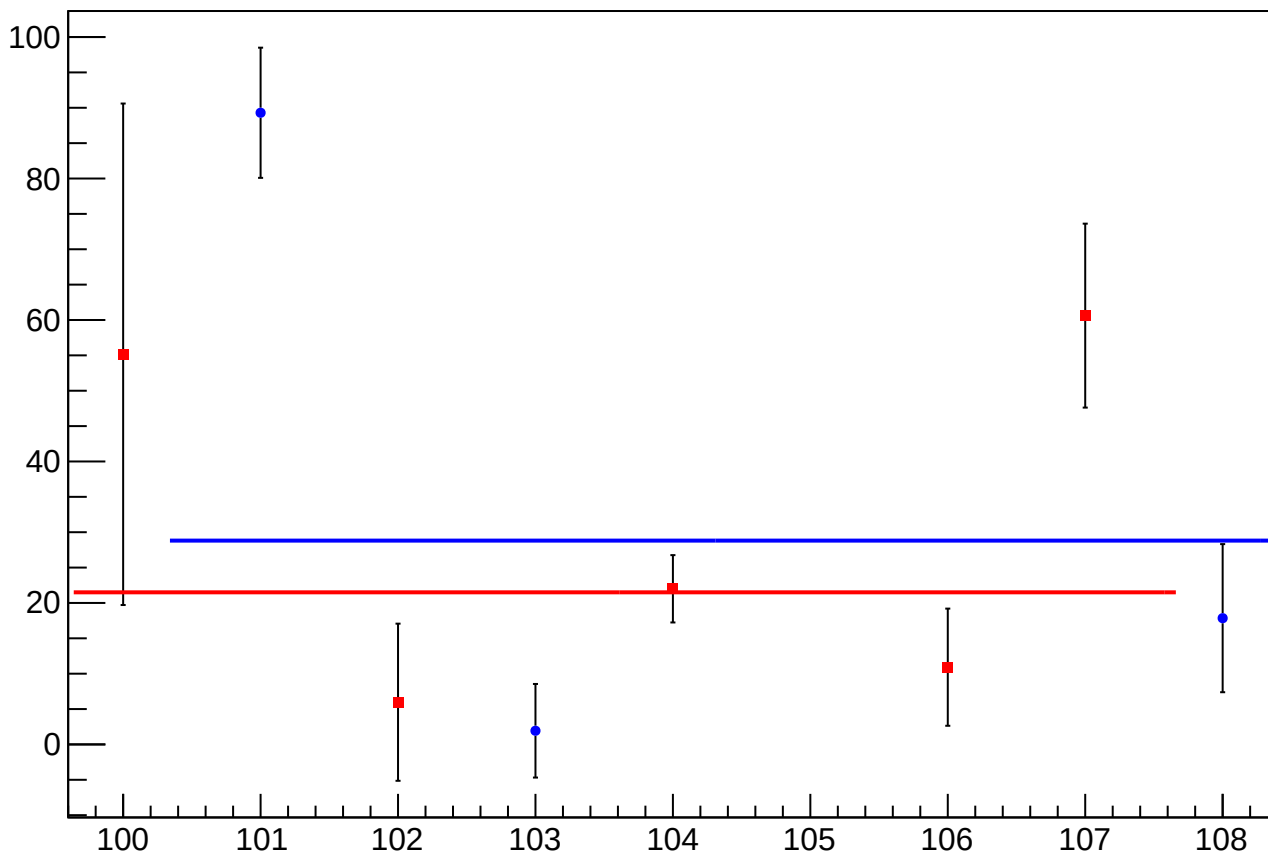
Right: 139.518+/-2.148 χ^2/NDF : 592.2/7

In: 146.554+/-3.253 χ^2/NDF :327.4/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 139.518+/-2.148 χ^2/NDF : 592.2/7

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.813+/-4.779 χ^2/NDF : 60.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.502+/-3.688 χ^2/NDF : 13.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

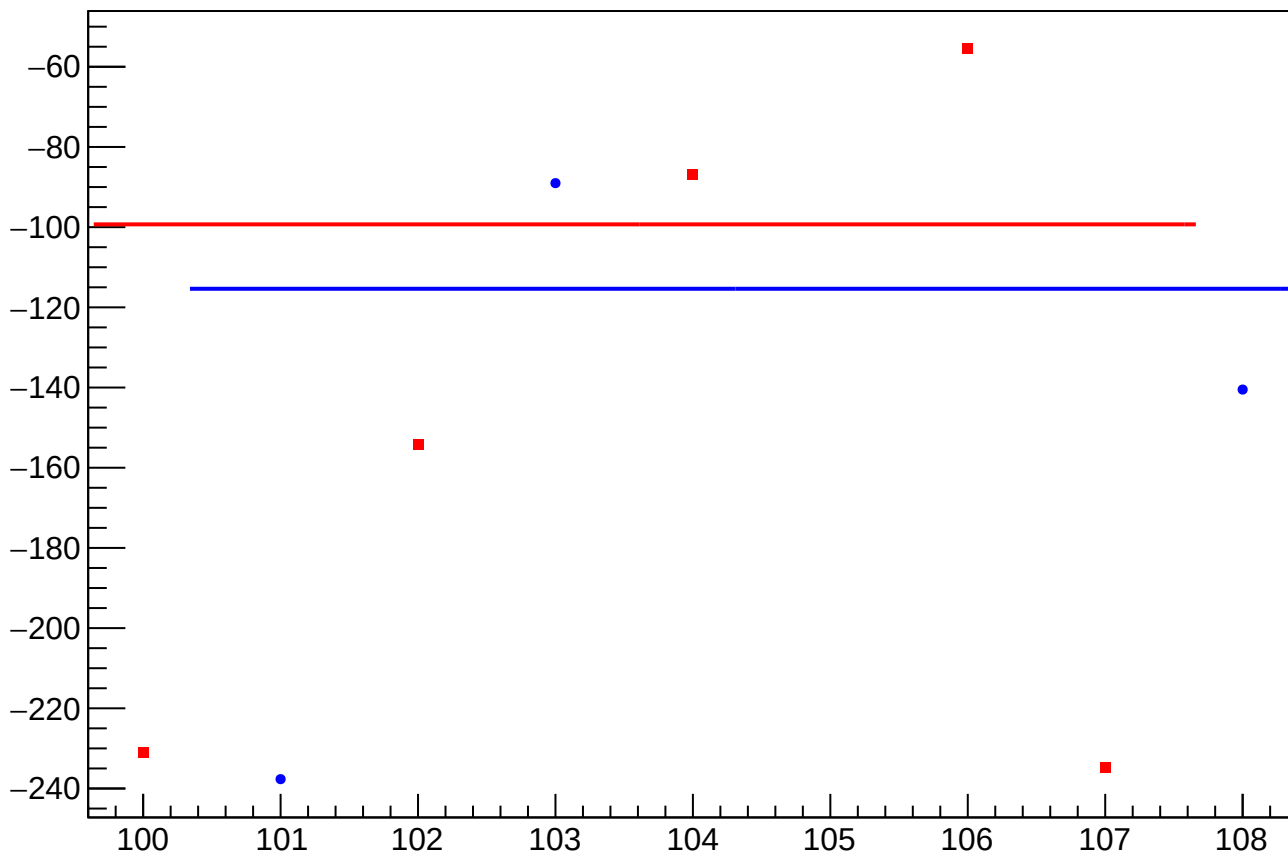
Right: 24.230+/-2.920 χ^2/NDF : 75.8/7

In: 28.813+/-4.779 χ^2/NDF : 60.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.230+/-2.920 χ^2/NDF : 75.8/7

reg_asym_us_avg_atlr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -115.366+/-0.144 χ^2/NDF : 117148.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -99.304+/-0.129 χ^2/NDF : 122030.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

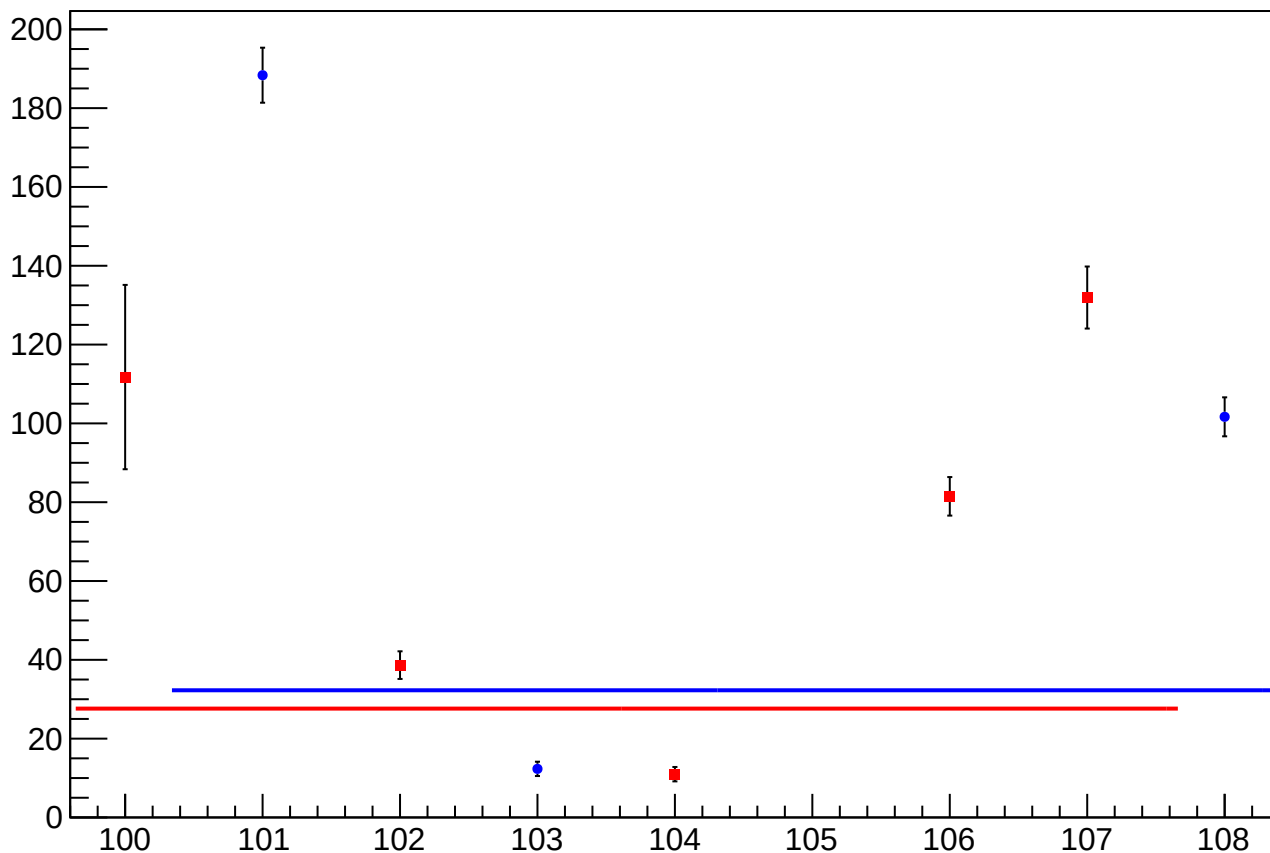
Right: -106.500+/-0.096 χ^2/NDF : 246078.5/7

In: -115.366+/-0.144 χ^2/NDF : 117148.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -106.500+/-0.096 χ^2/NDF : 246078.5/7

reg_asym_us_avg_atlr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 32.273+/-1.657 χ^2 /NDF: 817.1/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 27.623+/-1.506 χ^2 /NDF: 402.7/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

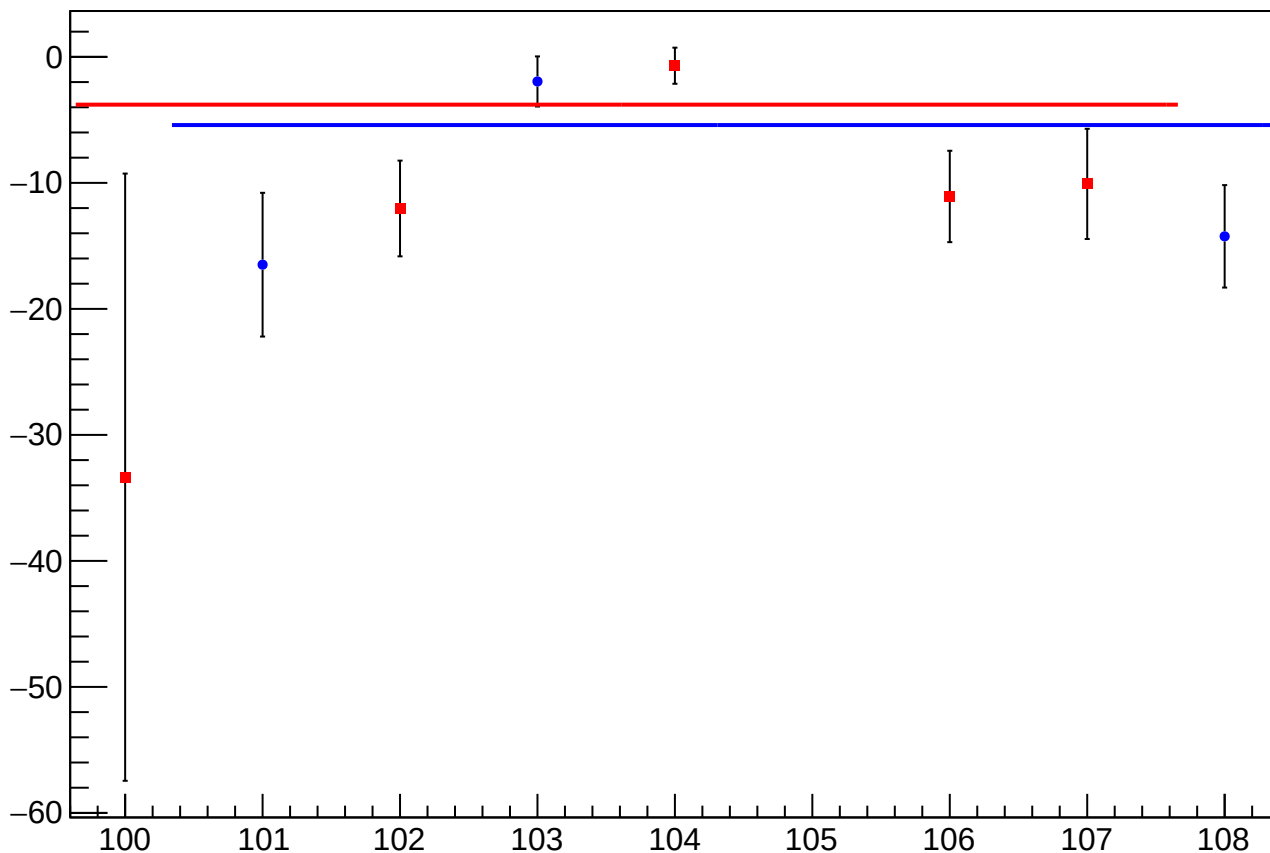
Right: 29.727+/-1.115 χ^2 /NDF: 1224.0/7

In: 32.273+/-1.657 χ^2 /NDF:817.1/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 29.727+/-1.115 χ^2 /NDF: 1224.0/7

reg_asym_us_avg_atlr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.411 $\pm$ 1.705 χ^2 /NDF: 11.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.792 $\pm$ 1.207 χ^2 /NDF: 17.0/4

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

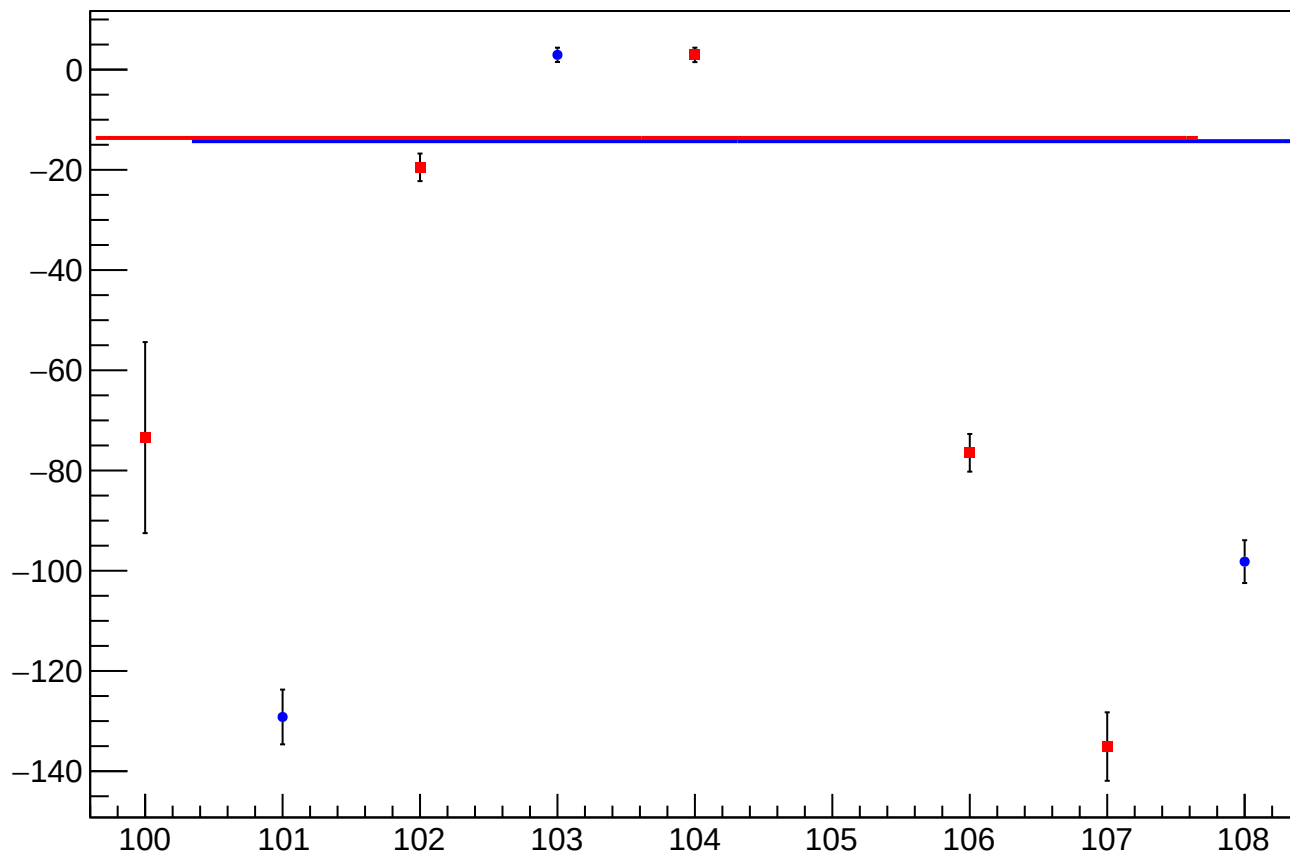
Right: -4.333 $\pm$ 0.985 χ^2 /NDF: 29.1/7

In: -5.411 $\pm$ 1.705 χ^2 /NDF:11.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.333 $\pm$ 0.985 χ^2 /NDF: 29.1/7

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -14.279+/-1.314 χ^2/NDF : 973.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.637+/-1.188 χ^2/NDF : 741.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

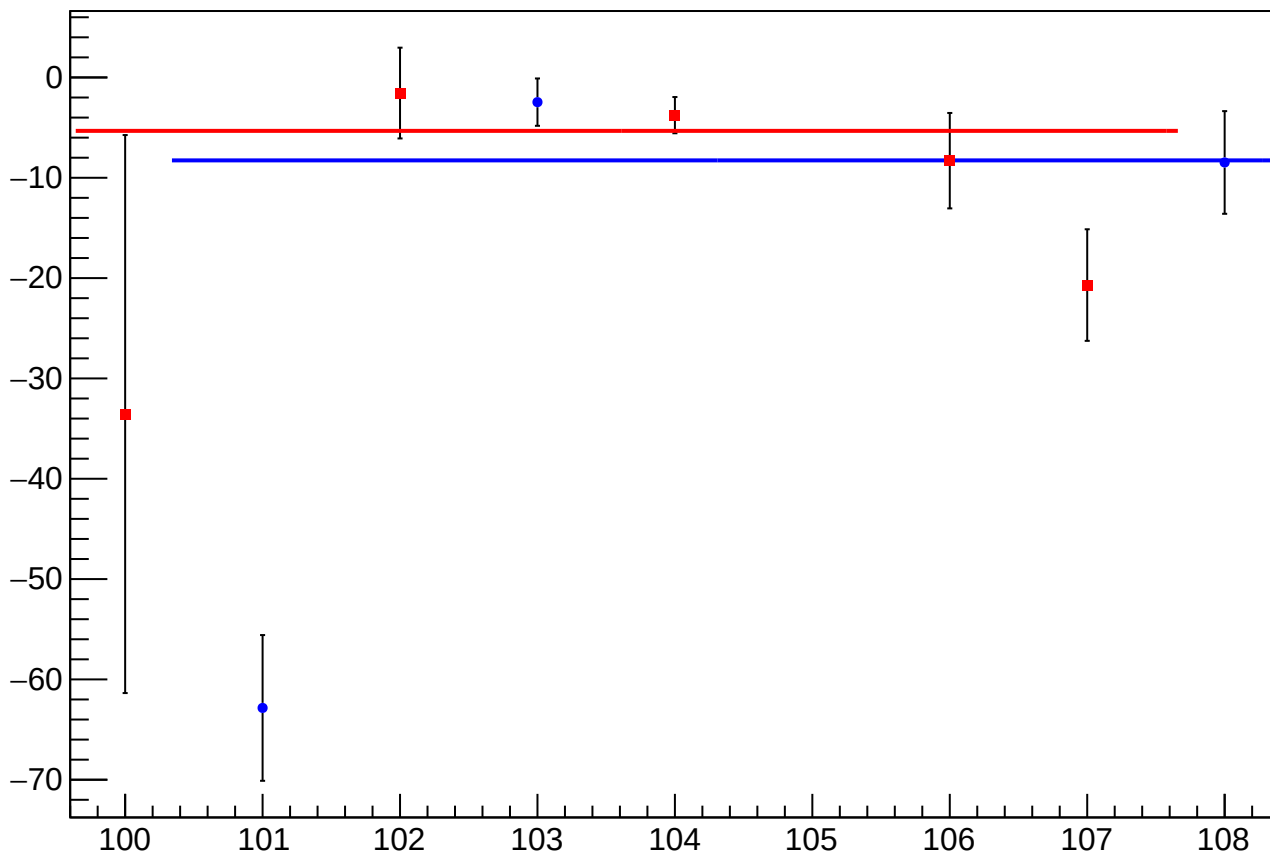
Right: -13.926+/-0.881 χ^2/NDF : 1715.5/7

In: -14.279+/-1.314 χ^2/NDF : 973.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.926+/-0.881 χ^2/NDF : 1715.5/7

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -8.267 $\pm$ 2.055 χ^2 /NDF: 62.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -5.324 $\pm$ 1.519 χ^2 /NDF: 10.5/4

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

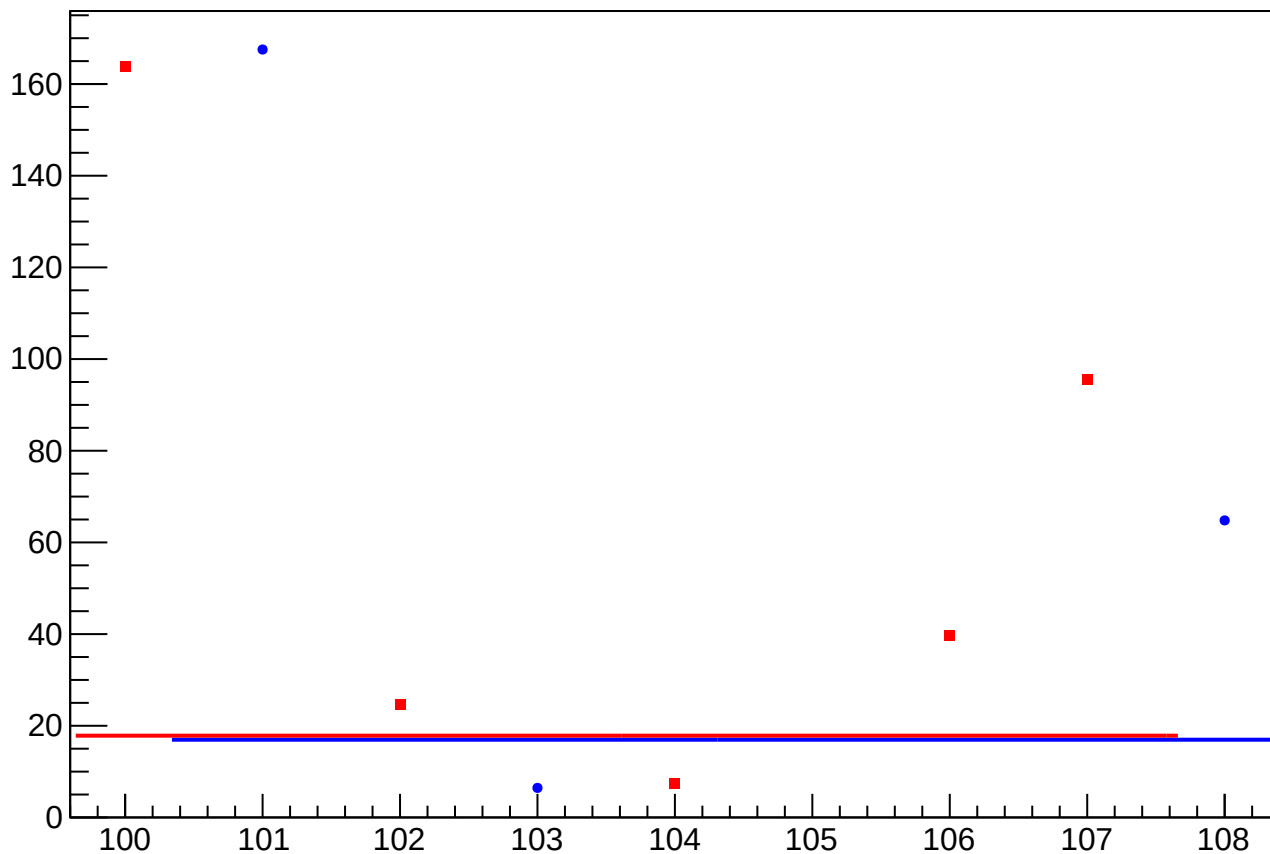
Right: -6.363 $\pm$ 1.222 χ^2 /NDF: 74.4/7

In: -8.267 $\pm$ 2.055 χ^2 /NDF:62.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -6.363 $\pm$ 1.222 χ^2 /NDF: 74.4/7

reg_asym_us_avg_atlr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 16.961+/-0.055 χ^2/NDF : 320707.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.841+/-0.055 χ^2/NDF : 140782.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

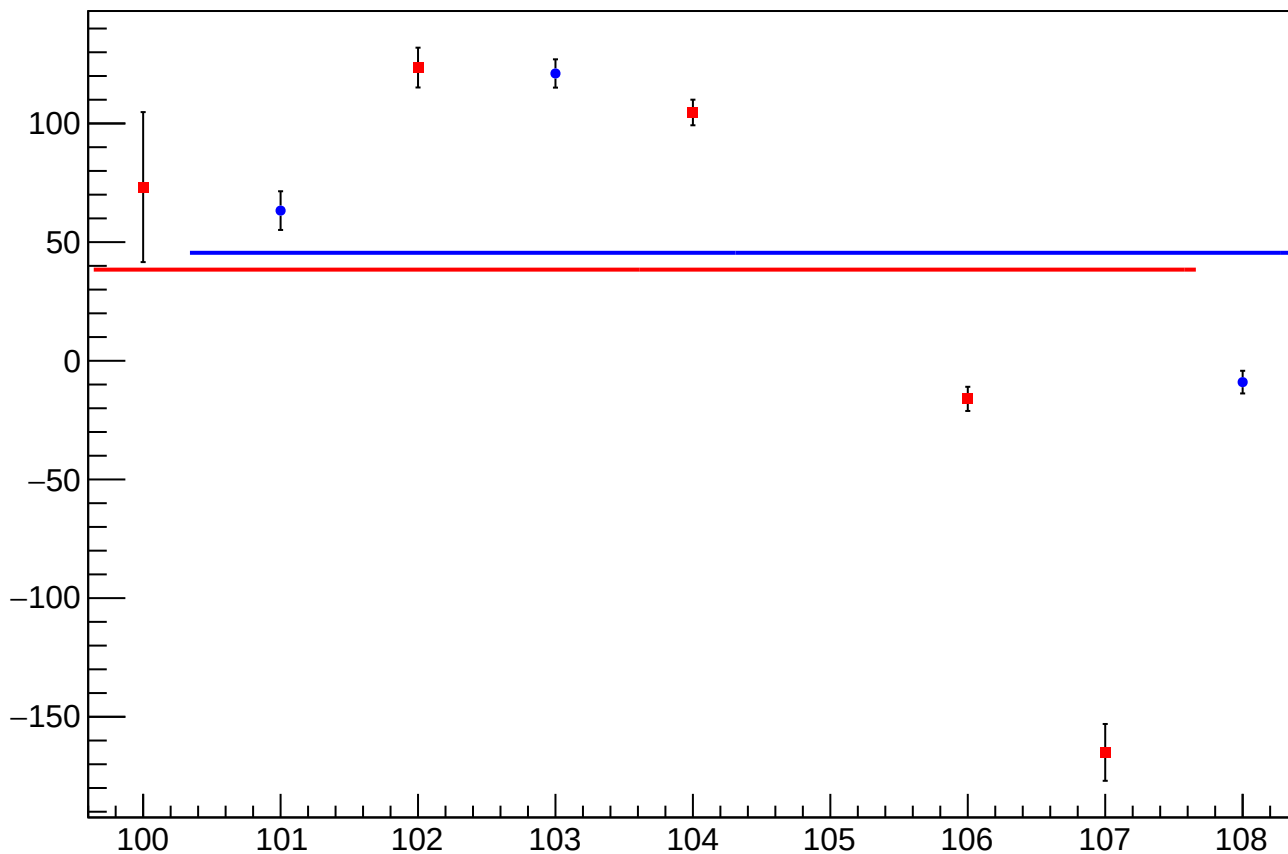
Right: 17.403+/-0.039 χ^2/NDF : 461617.3/7

In: 16.961+/-0.055 χ^2/NDF : 320707.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.403+/-0.039 χ^2/NDF : 461617.3/7

reg_asym_us_dd_at1lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 45.506+/-3.389 χ^2/NDF : 295.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.414+/-3.242 χ^2/NDF : 658.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

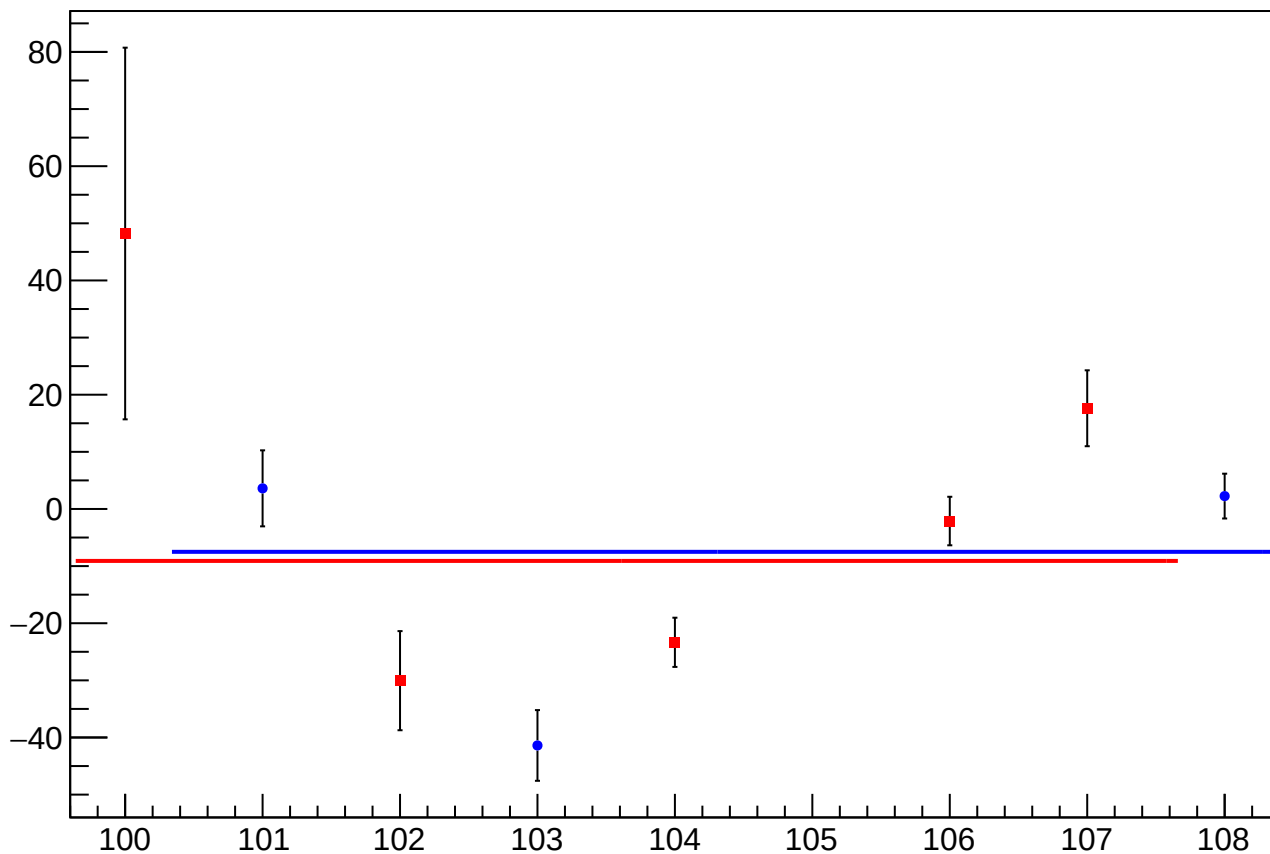
Right: 41.803+/-2.343 χ^2/NDF : 956.0/7

In: 45.506+/-3.389 χ^2/NDF : 295.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.803+/-2.343 χ^2/NDF : 956.0/7

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.502+/-2.965 χ^2/NDF : 39.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.094+/-2.615 χ^2/NDF : 38.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

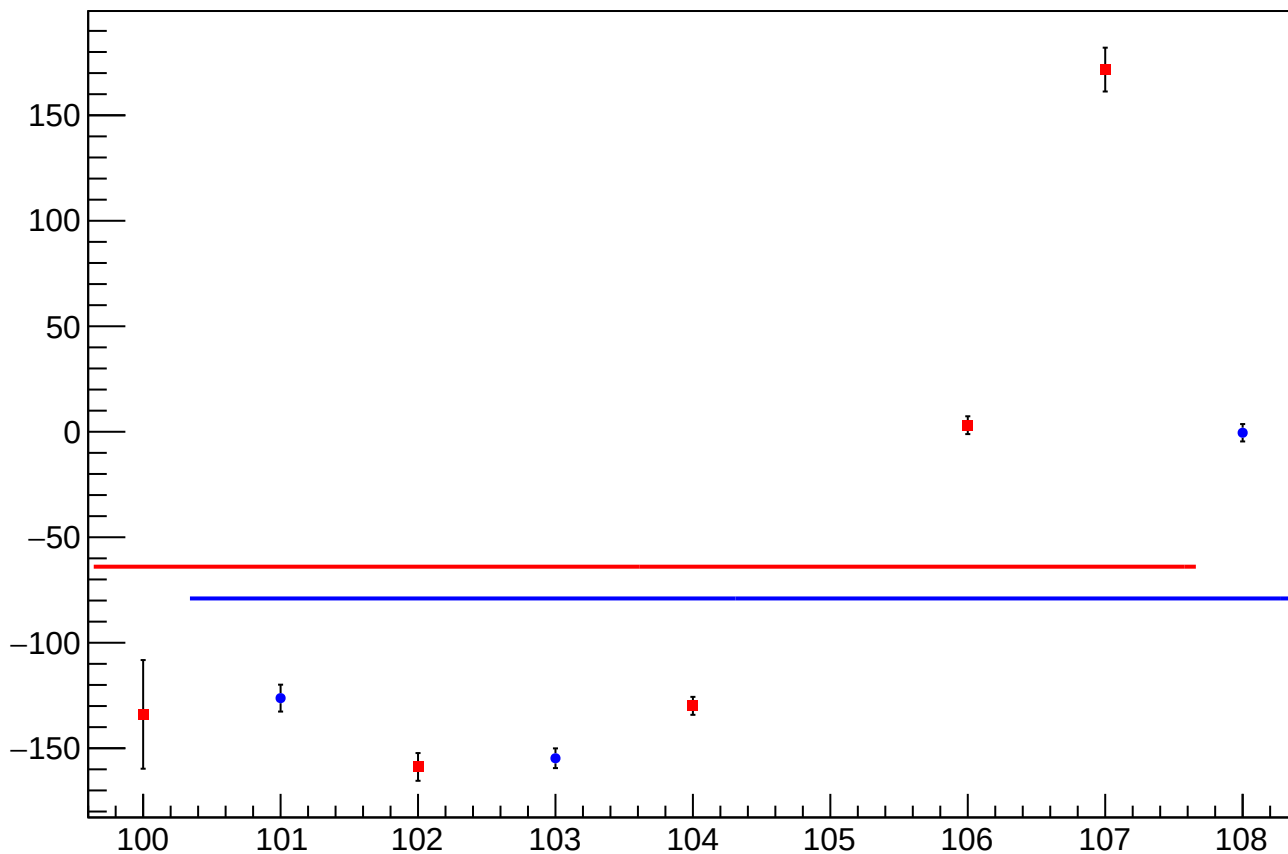
Right: -8.397+/-1.961 χ^2/NDF : 77.9/7

In: -7.502+/-2.965 χ^2/NDF : 39.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.397+/-1.961 χ^2/NDF : 77.9/7

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -79.007+/-2.783 χ^2/NDF : 679.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -63.949+/-2.625 χ^2/NDF : 1222.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

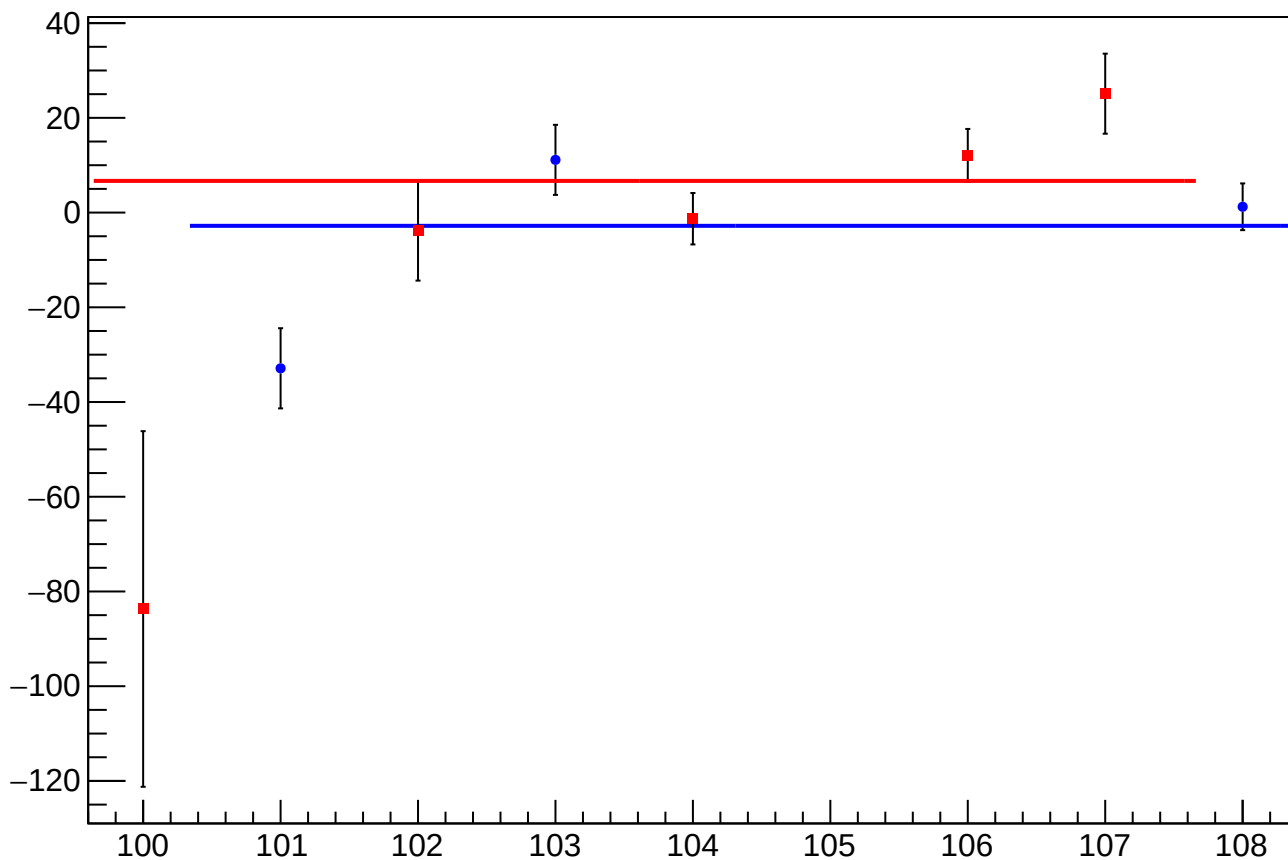
Right: -71.038+/-1.909 χ^2/NDF : 1918.0/7

In: -79.007+/-2.783 χ^2/NDF : 679.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -71.038+/-1.909 χ^2/NDF : 1918.0/7

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.799+/-3.693 χ^2/NDF : 16.8/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 6.685+/-3.338 χ^2/NDF : 14.6/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

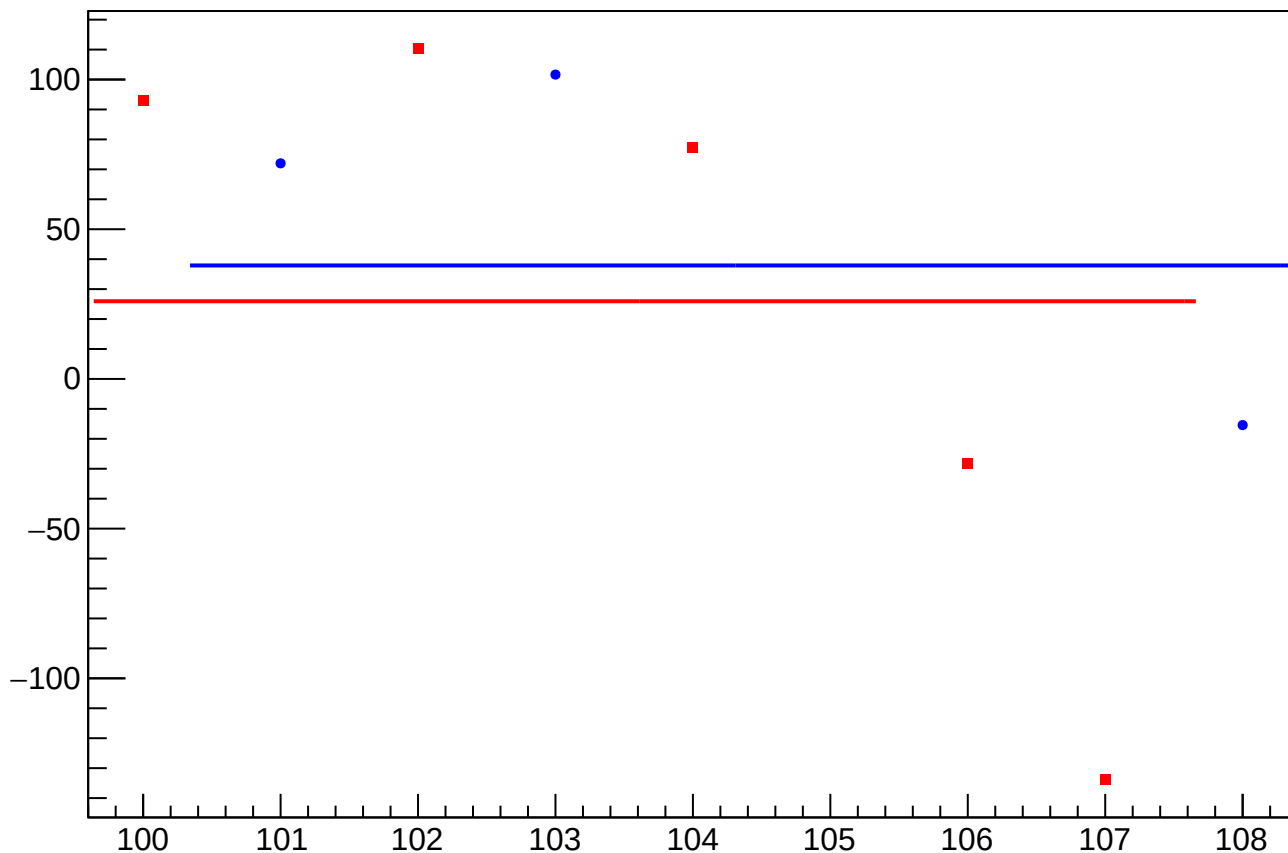
Right: 2.421+/-2.476 χ^2/NDF : 35.1/7

In: -2.799+/-3.693 χ^2/NDF :16.8/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2.421+/-2.476 χ^2/NDF : 35.1/7

reg_asym_us_dd_at1lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 37.898+/-0.121 χ^2/NDF : 214663.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.945+/-0.121 χ^2/NDF : 371608.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

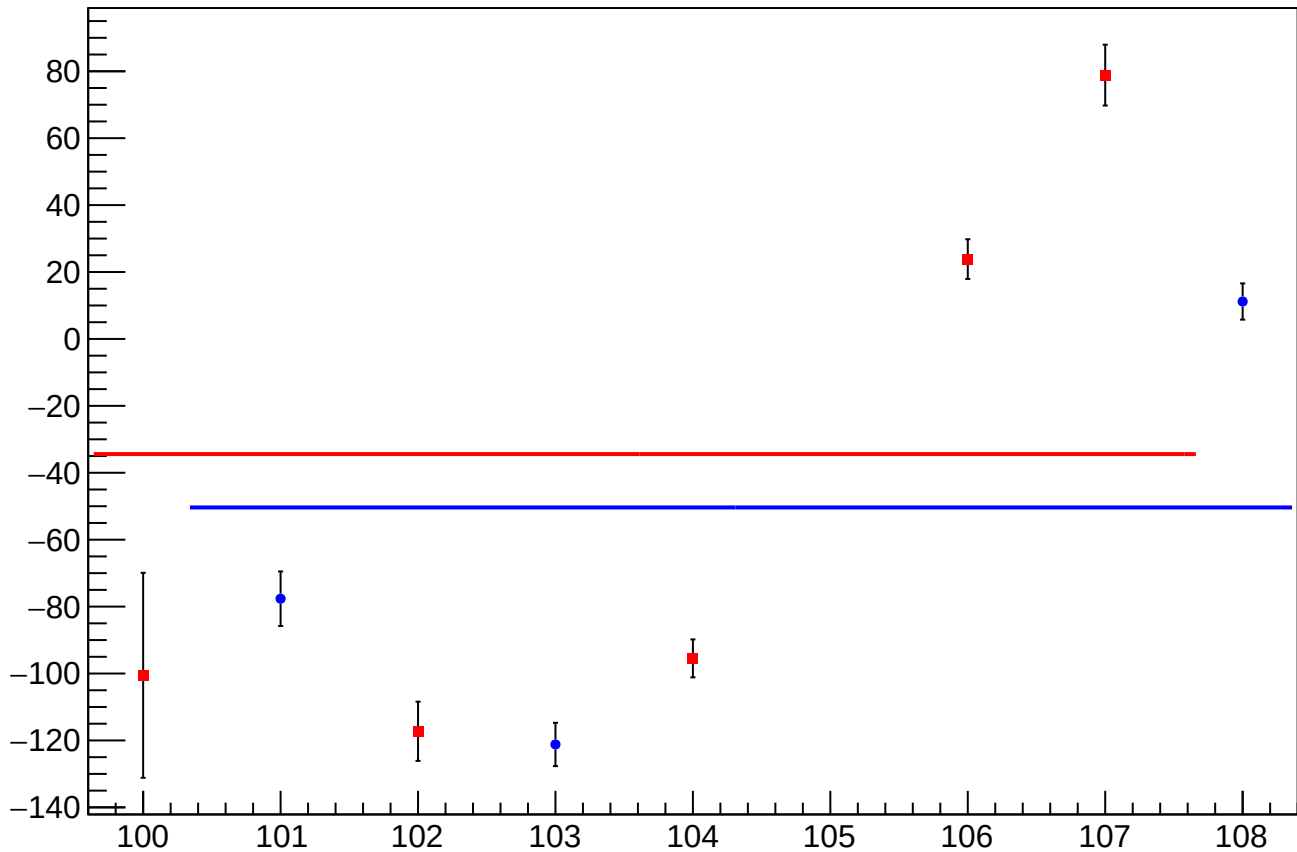
Right: 31.945+/-0.086 χ^2/NDF : 591145.8/7

In: 37.898+/-0.121 χ^2/NDF : 214663.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.945+/-0.086 χ^2/NDF : 591145.8/7

reg_asym_us_dd_at1lr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -50.365+/-3.701 χ^2/NDF : 260.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -34.414+/-3.421 χ^2/NDF : 459.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

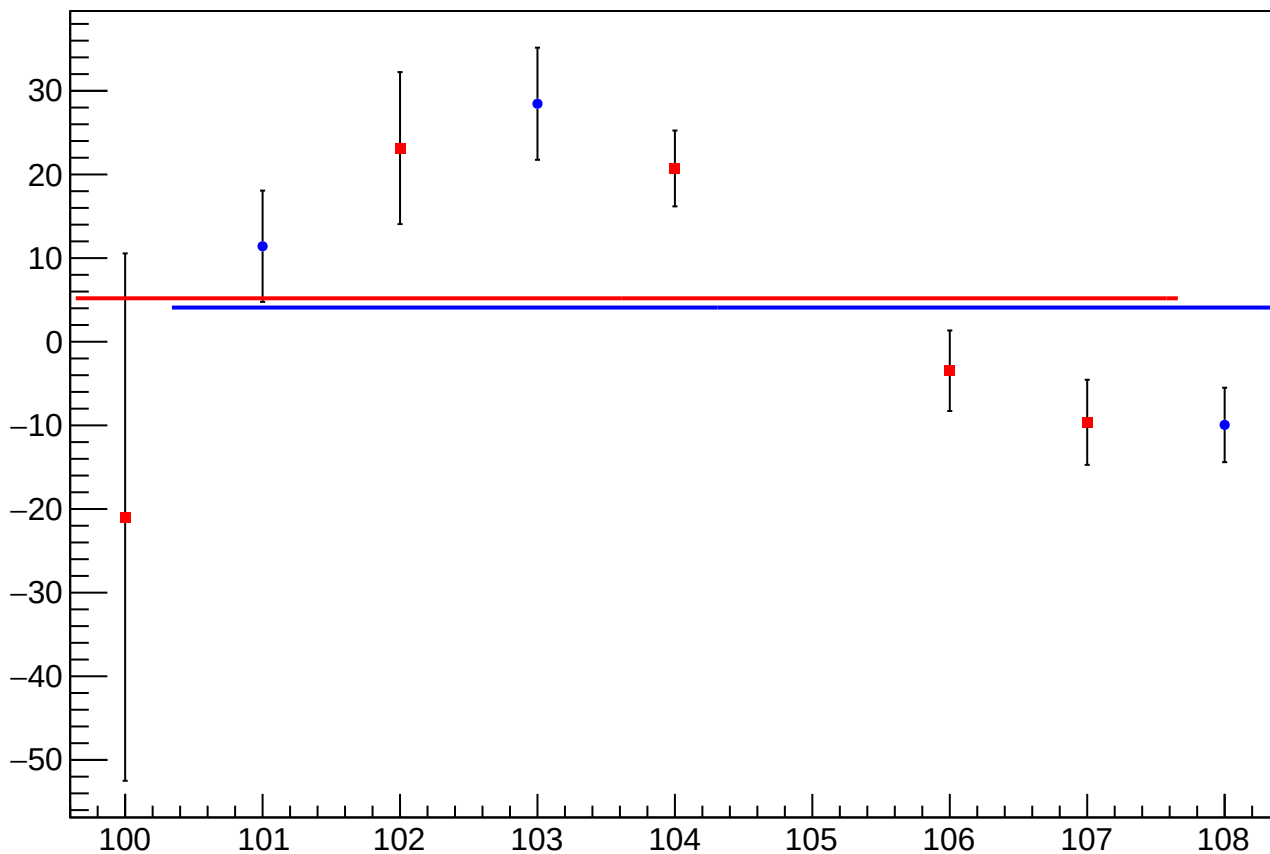
Right: -41.764+/-2.512 χ^2/NDF : 730.0/7

In: -50.365+/-3.701 χ^2/NDF : 260.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.764+/-2.512 χ^2/NDF : 730.0/7

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.088+/-3.240 χ^2/NDF : 24.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.194+/-2.640 χ^2/NDF : 28.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

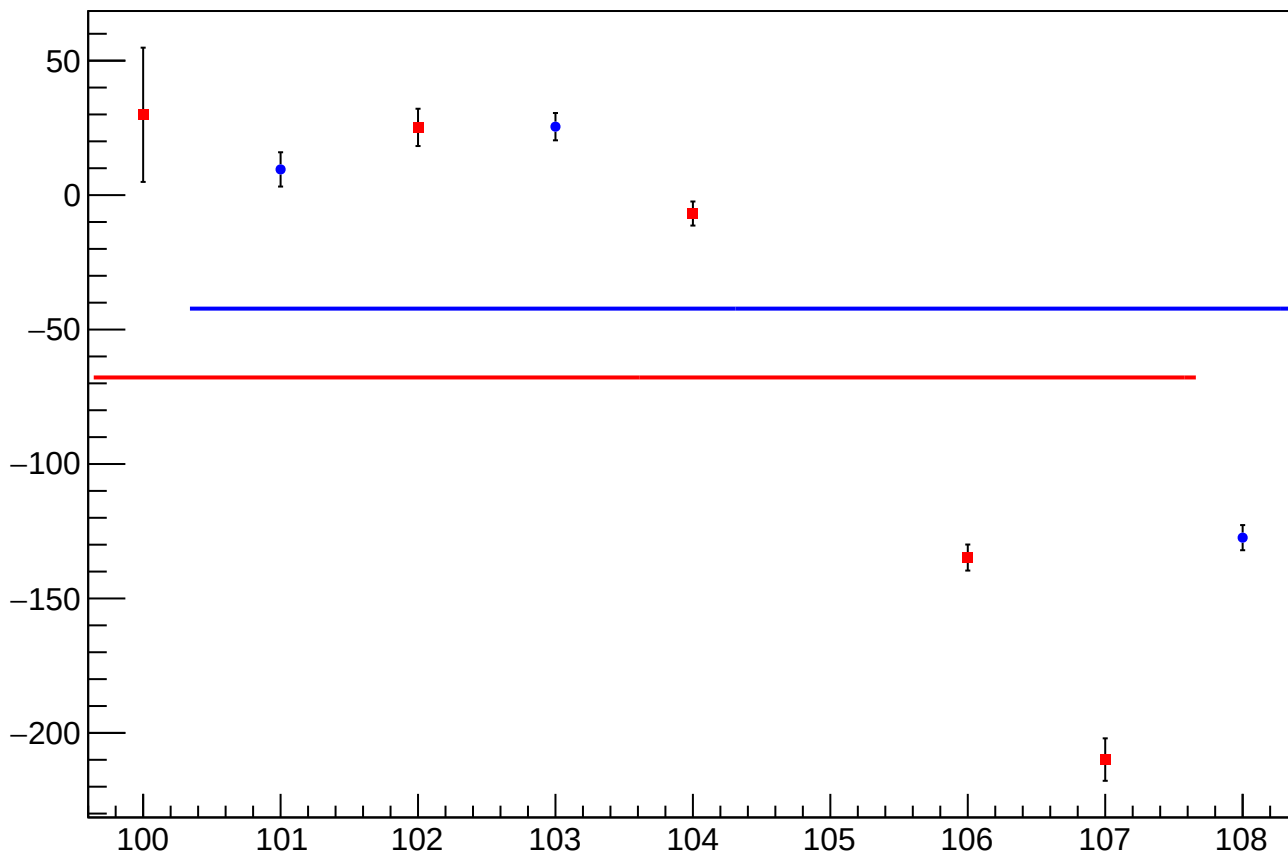
Right: 4.753+/-2.046 χ^2/NDF : 52.5/7

In: 4.088+/-3.240 χ^2/NDF : 24.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.753+/-2.046 χ^2/NDF : 52.5/7

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -42.212+/-3.027 χ^2/NDF : 575.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -67.813+/-2.763 χ^2/NDF : 896.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

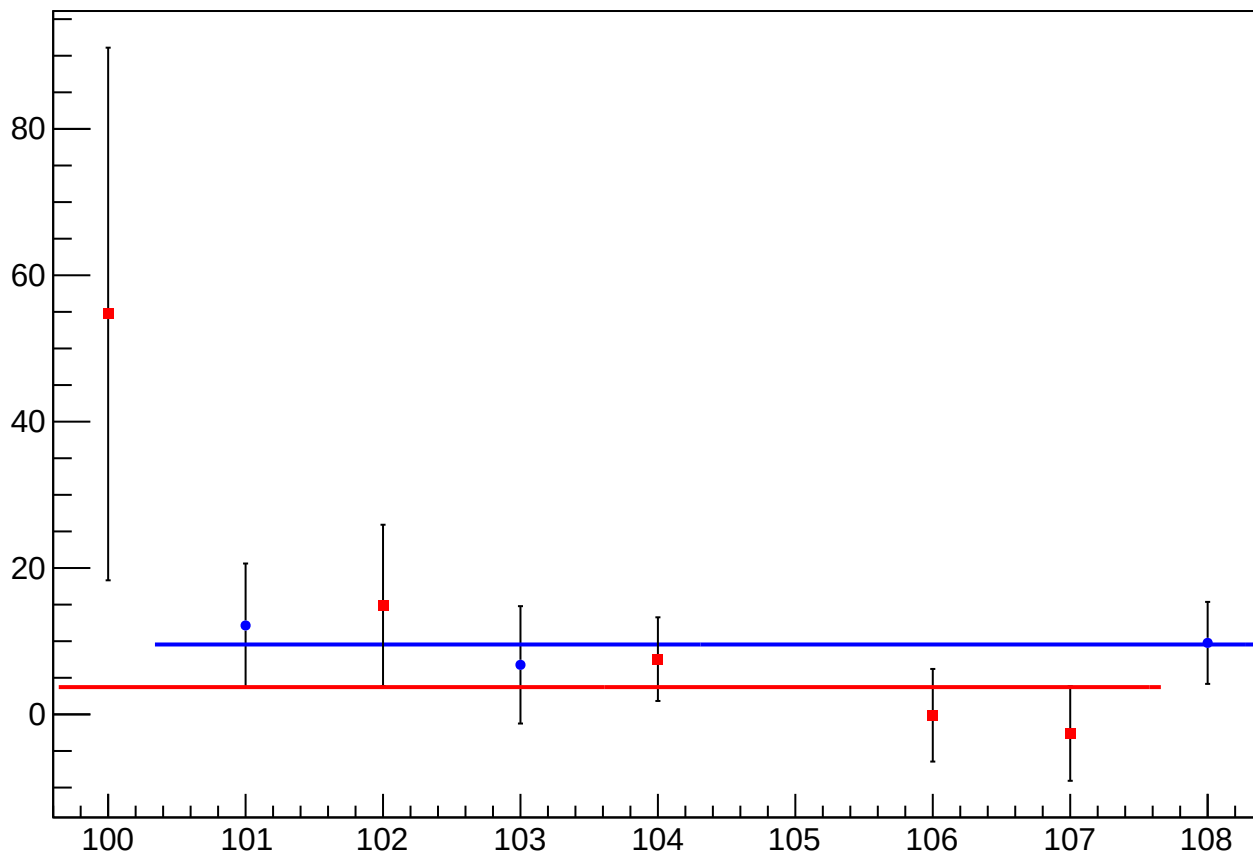
Right: -56.181+/-2.041 χ^2/NDF : 1510.3/7

In: -42.212+/-3.027 χ^2/NDF : 575.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.181+/-2.041 χ^2/NDF : 1510.3/7

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.551+/-4.037 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.728+/-3.362 χ^2/NDF : 4.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

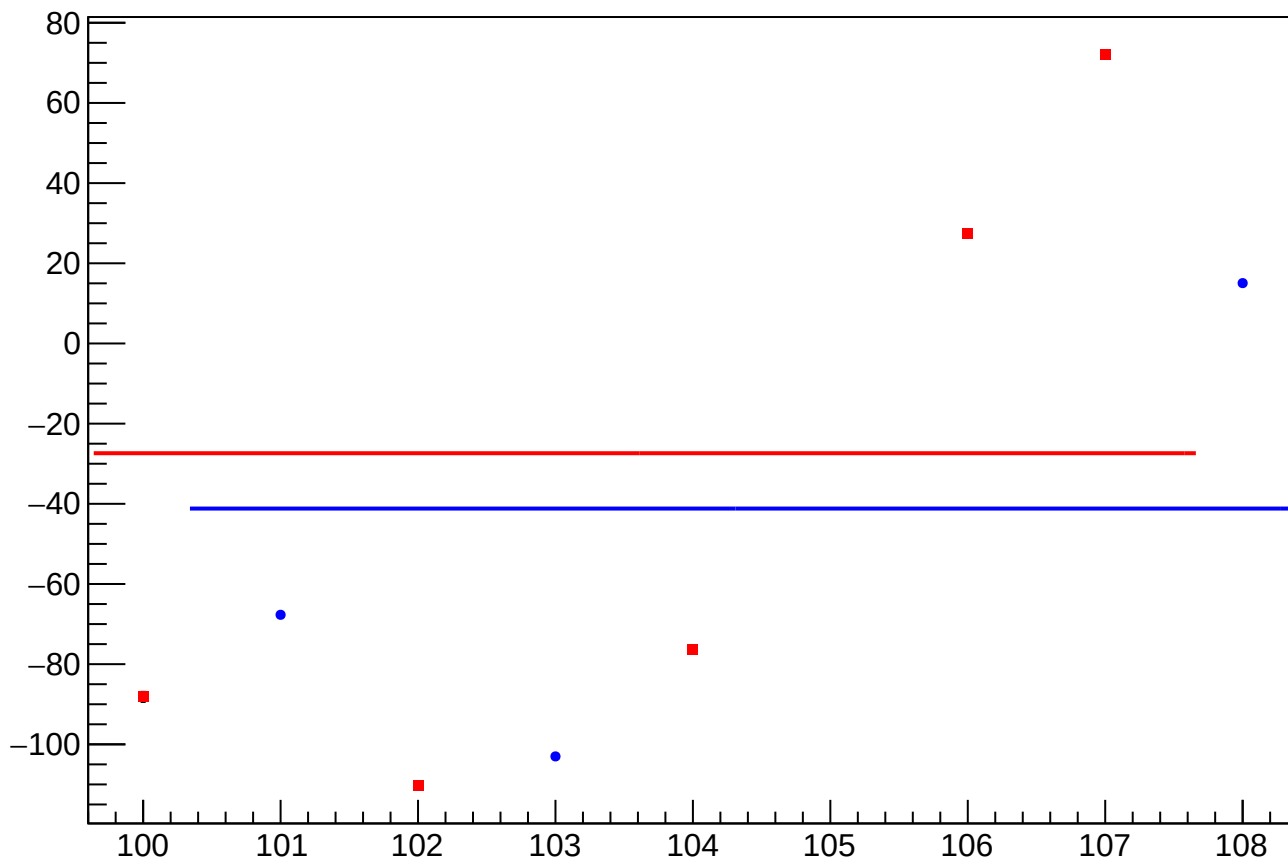
Right: 6.113+/-2.584 χ^2/NDF : 6.2/7

In: 9.551+/-4.037 χ^2/NDF : 0.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.113+/-2.584 χ^2/NDF : 6.2/7

reg_asym_us_dd_at1lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.183+/-0.133 χ^2/NDF : 175829.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -27.377+/-0.127 χ^2/NDF : 281489.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

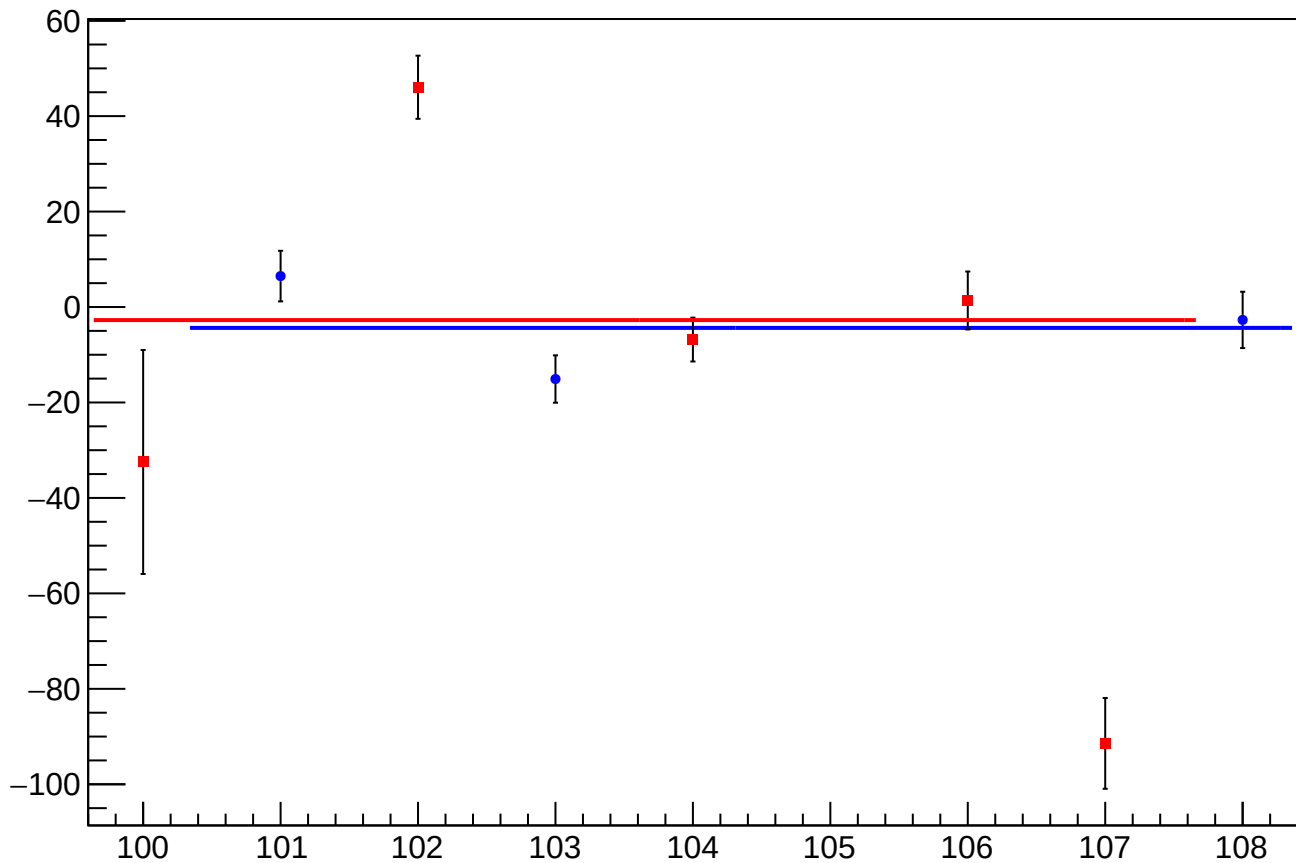
Right: -33.984+/-0.092 χ^2/NDF : 462931.0/7

In: -41.183+/-0.133 χ^2/NDF : 175829.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.984+/-0.092 χ^2/NDF : 462931.0/7

reg_asym_us_dd_at2lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.370+/-3.087 χ^2/NDF : 8.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.738+/-3.012 χ^2/NDF : 144.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

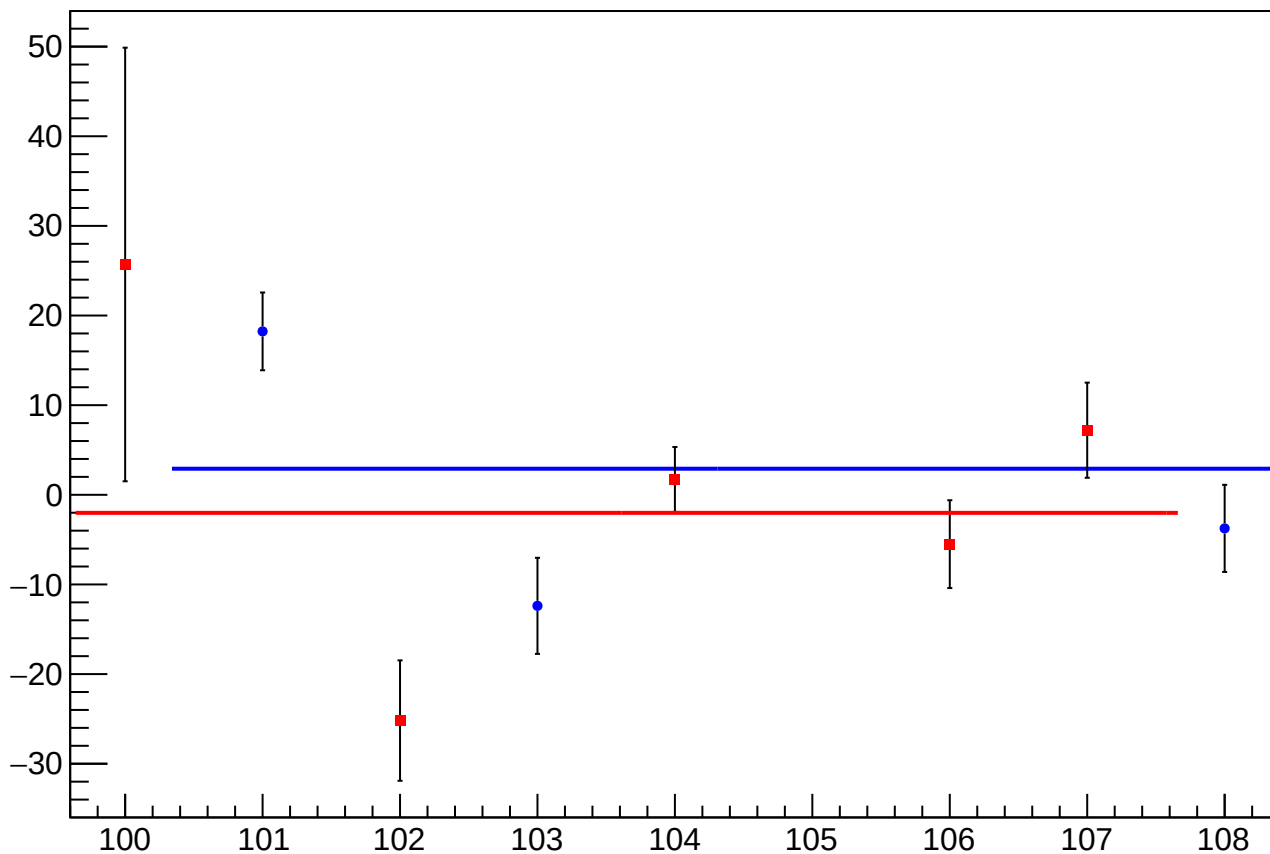
Right: -3.534+/-2.156 χ^2/NDF : 153.2/7

In: -4.370+/-3.087 χ^2/NDF : 8.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.534+/-2.156 χ^2/NDF : 153.2/7

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.911+/-2.770 χ^2/NDF : 22.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.012+/-2.374 χ^2/NDF : 17.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

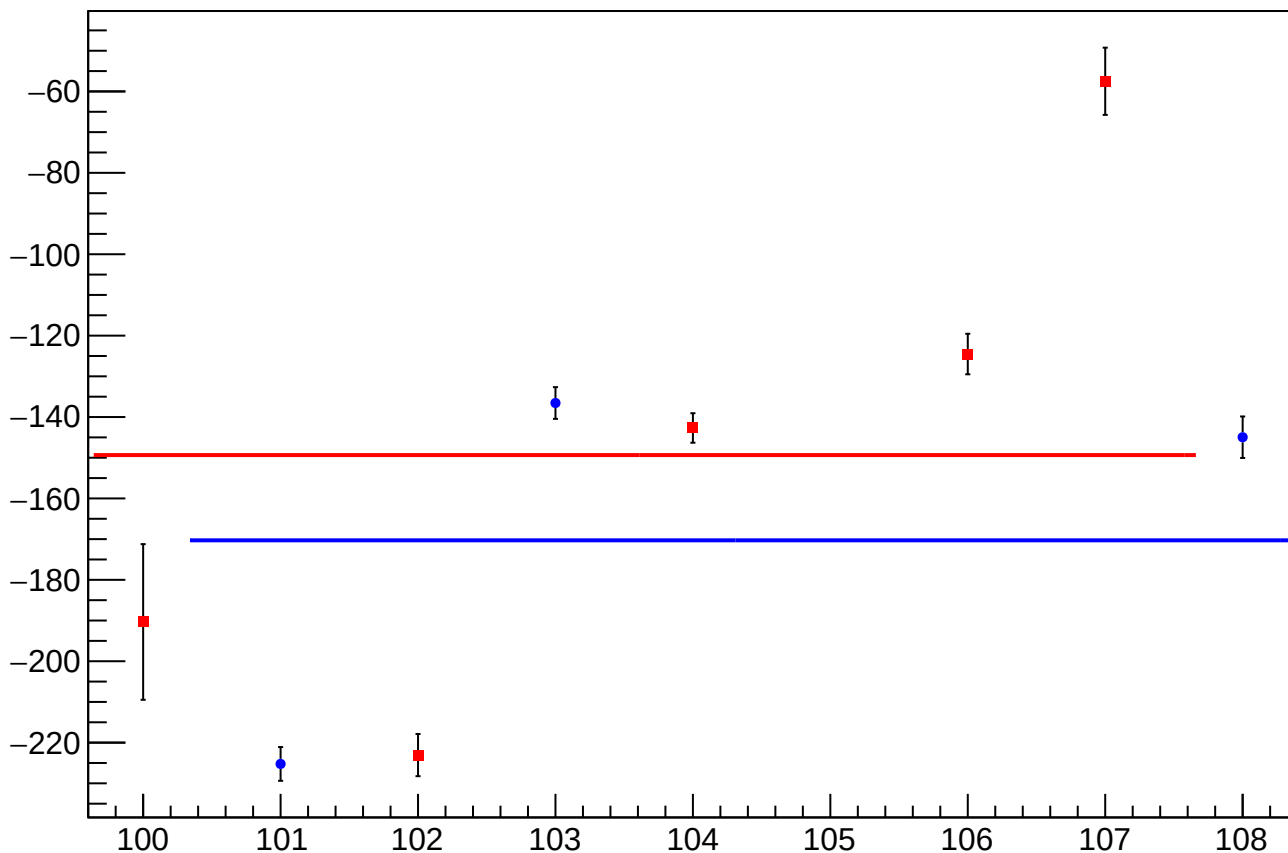
Right: 0.073+/-1.803 χ^2/NDF : 42.1/7

In: 2.911+/-2.770 χ^2/NDF : 22.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.073+/-1.803 χ^2/NDF : 42.1/7

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -170.292+/-2.481 χ^2 /NDF: 275.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -149.349+/-2.418 χ^2 /NDF: 358.8/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

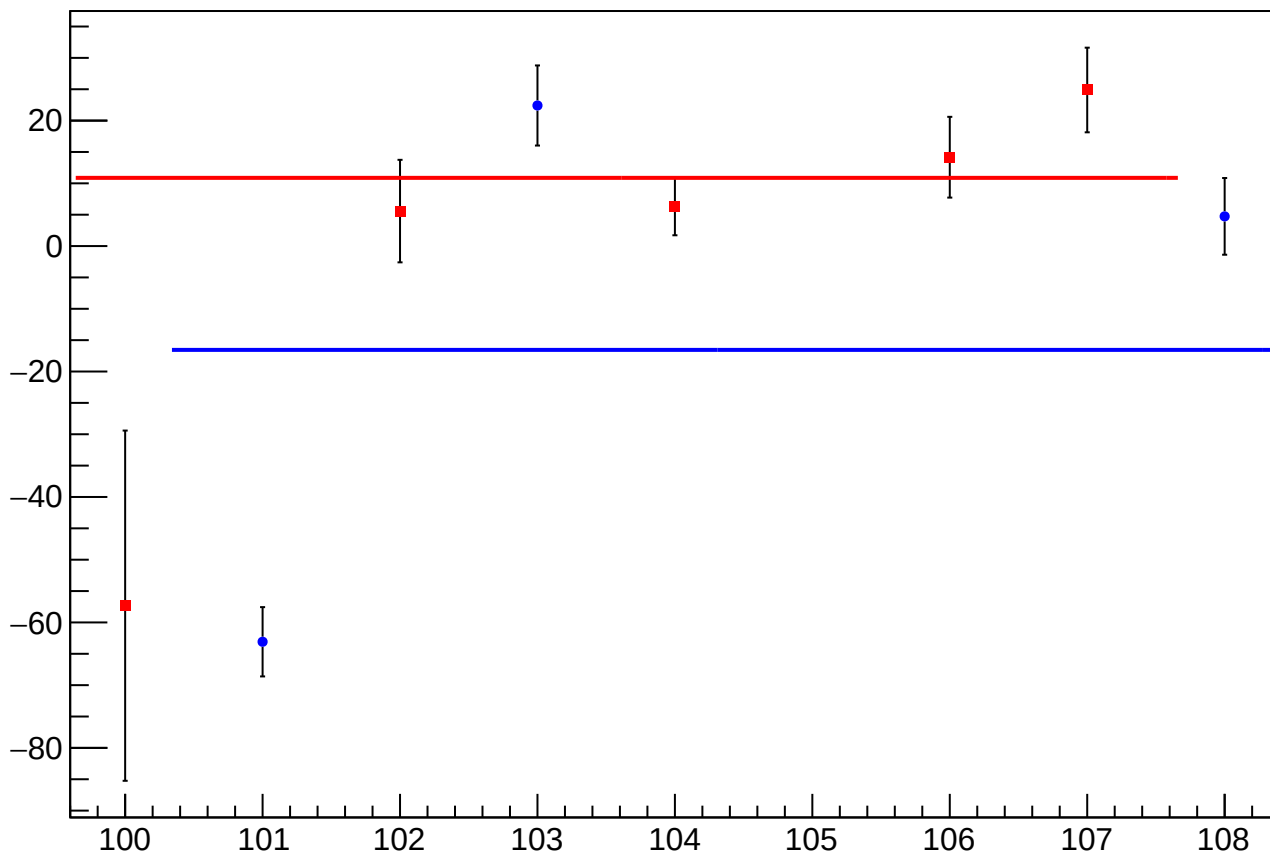
Right: -159.550+/-1.731 χ^2 /NDF: 670.5/7

In: -170.292+/-2.481 χ^2 /NDF:275.2/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -159.550+/-1.731 χ^2 /NDF: 670.5/7

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.552 $\pm$ 3.449 χ^2 /NDF: 120.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 10.874 $\pm$ 3.010 χ^2 /NDF: 12.0/4

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

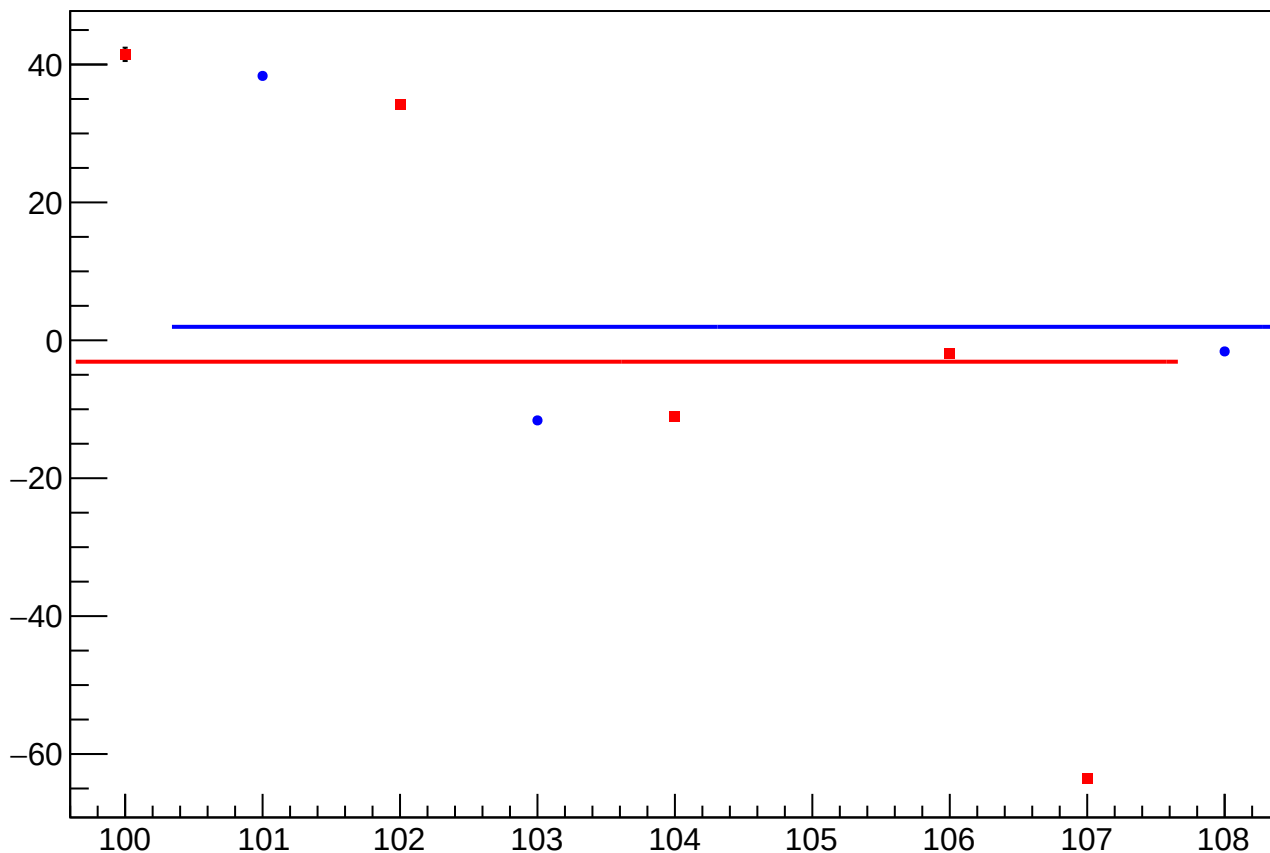
Right: -0.984 $\pm$ 2.268 χ^2 /NDF: 168.2/7

In: -16.552 $\pm$ 3.449 χ^2 /NDF:120.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.984 $\pm$ 2.268 χ^2 /NDF: 168.2/7

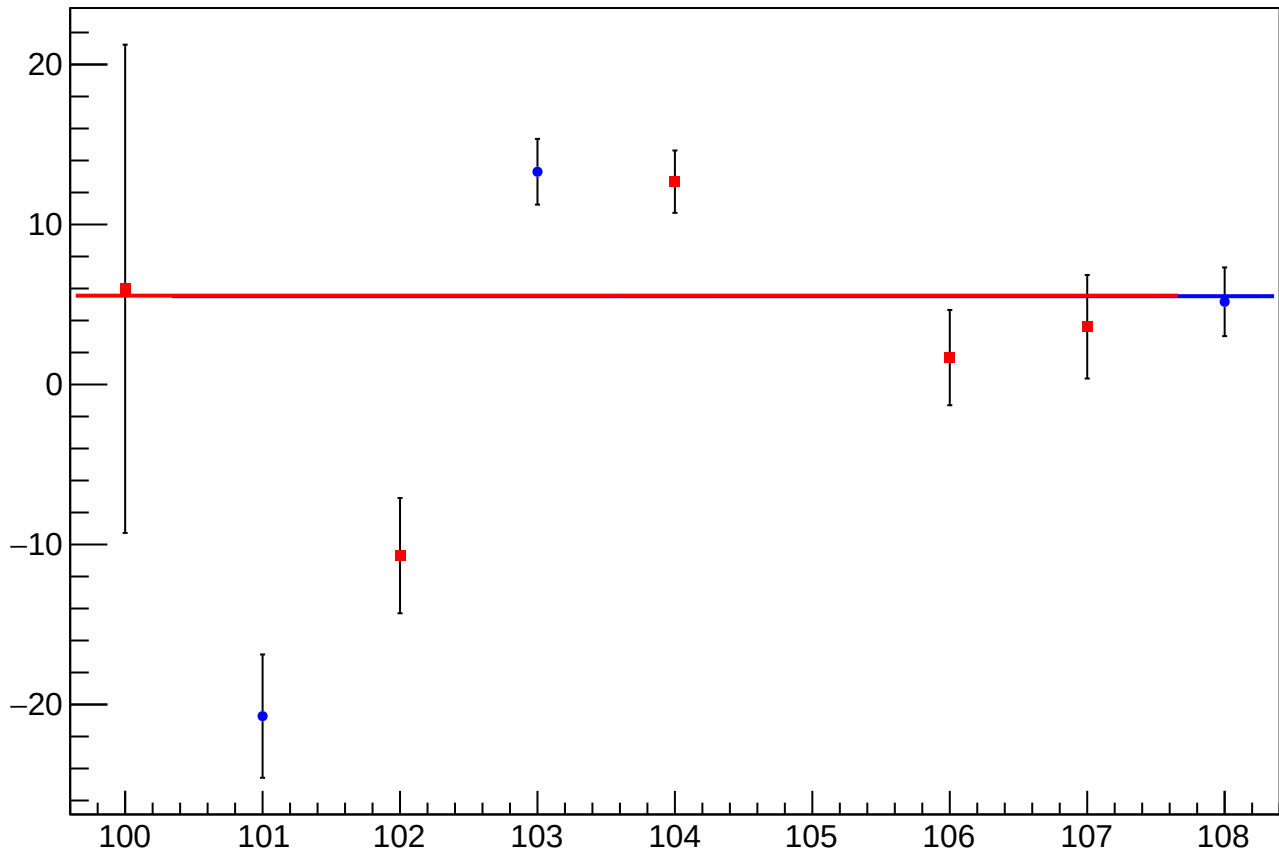
reg_asym_us_dd_at2lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.956+/-0.114 χ^2/NDF : 28890.9/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -3.103+/-0.109 χ^2/NDF : 63773.9/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.682+/-0.079 χ^2/NDF : 93694.3/7
 In: 1.956+/-0.114 χ^2/NDF : 28890.9/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.682+/-0.079 χ^2/NDF : 93694.3/7

reg_asym_us_dd_at2lr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 5.519+/-1.385 χ^2/NDF : 60.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.553+/-1.345 χ^2/NDF : 35.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

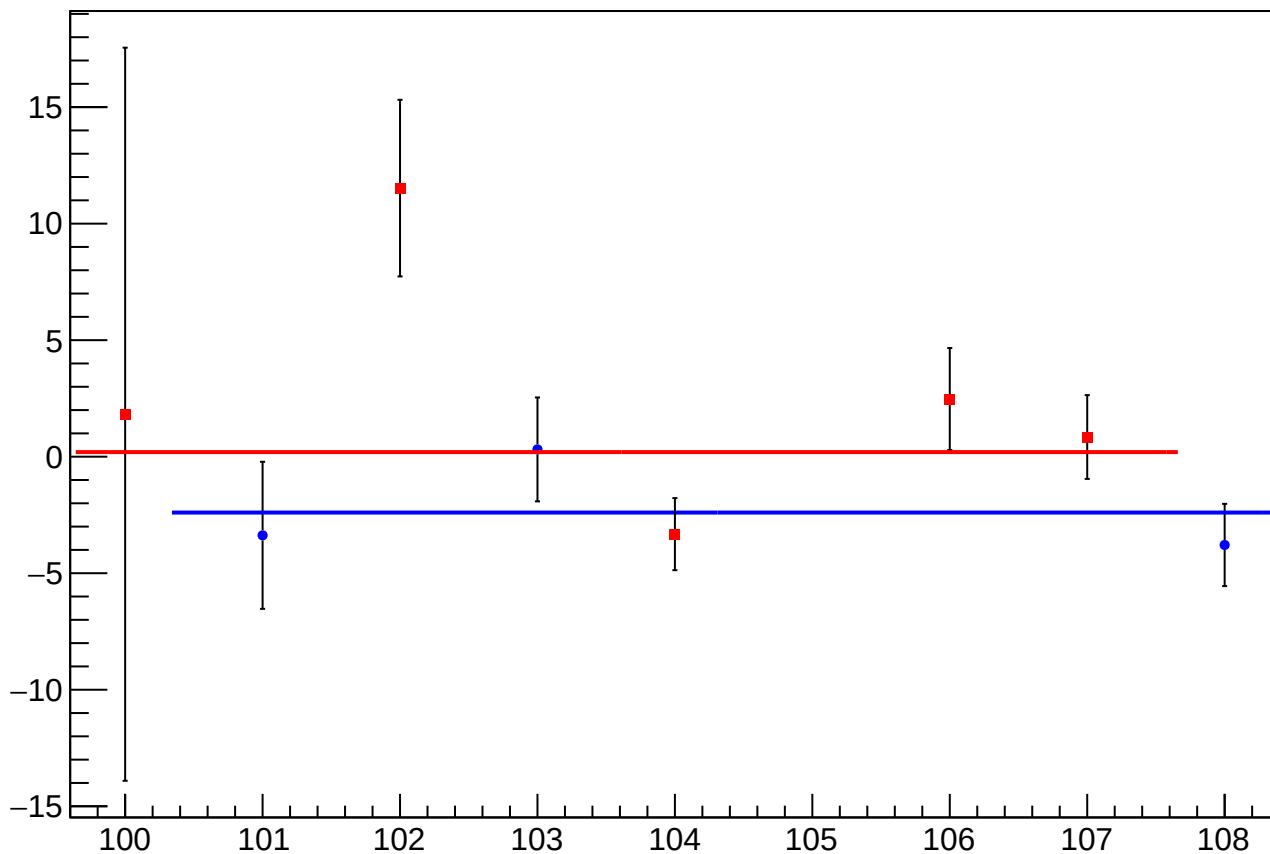
Right: 5.536+/-0.965 χ^2/NDF : 96.5/7

In: 5.519+/-1.385 χ^2/NDF : 60.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.536+/-0.965 χ^2/NDF : 96.5/7

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.397+/-1.267 χ^2/NDF : 2.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.197+/-0.995 χ^2/NDF : 15.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

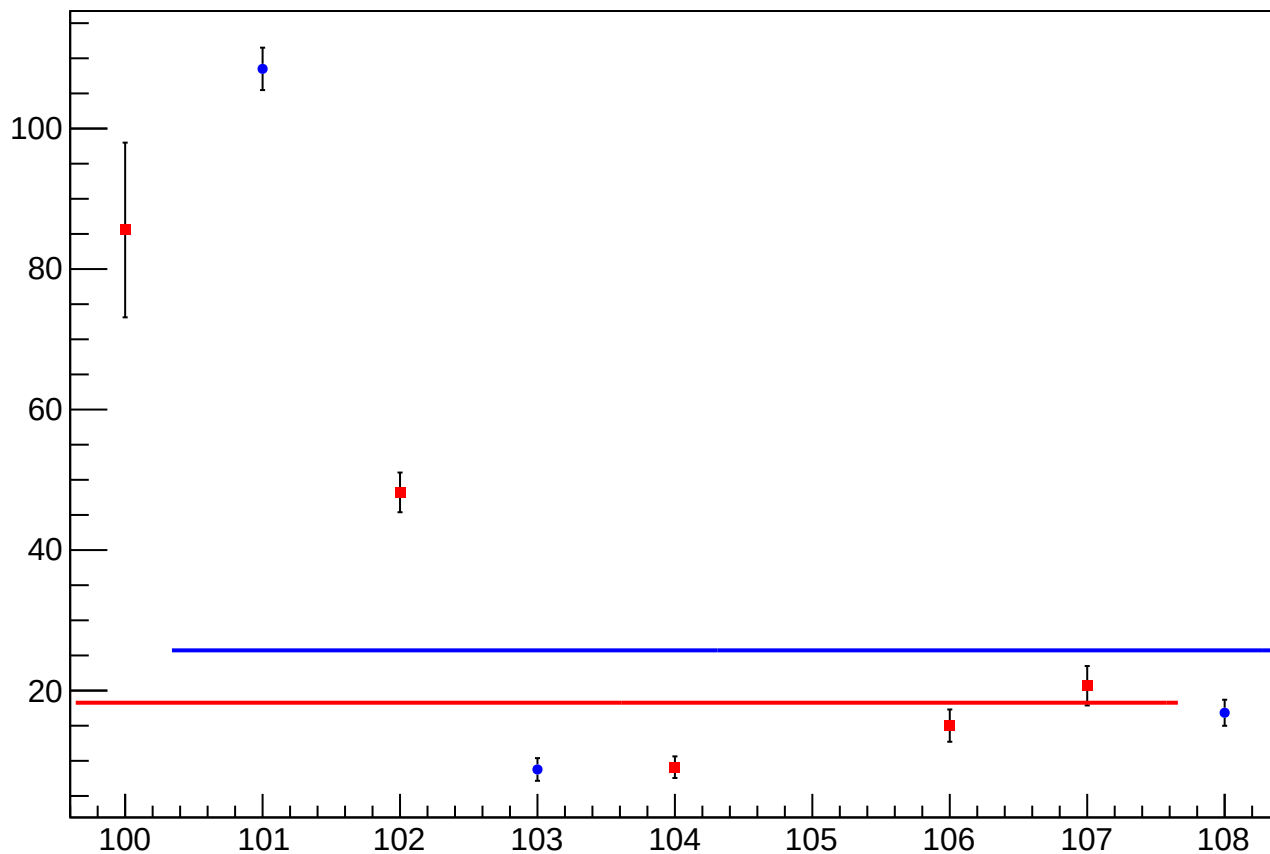
Right: -0.793+/-0.783 χ^2/NDF : 20.1/7

In: -2.397+/-1.267 χ^2/NDF : 2.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.793+/-0.783 χ^2/NDF : 20.1/7

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 25.725+/-1.129 χ^2 /NDF: 886.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 18.272+/-1.072 χ^2 /NDF: 179.9/4

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

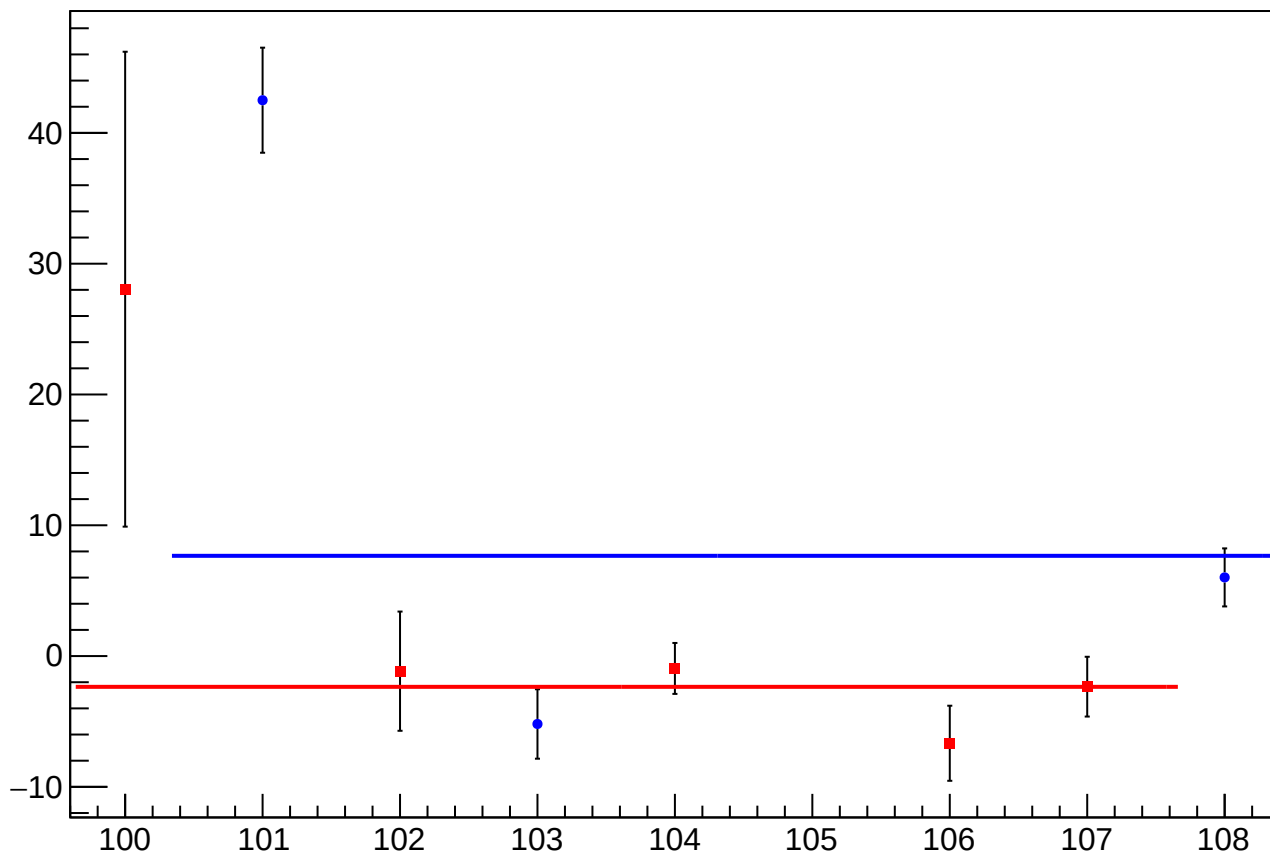
Right: 21.805+/-0.777 χ^2 /NDF: 1089.0/7

In: 25.725+/-1.129 χ^2 /NDF: 886.2/2

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 21.805+/-0.777 χ^2 /NDF: 1089.0/7

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.665+/-1.568 χ^2/NDF : 99.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.353+/-1.262 χ^2/NDF : 5.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

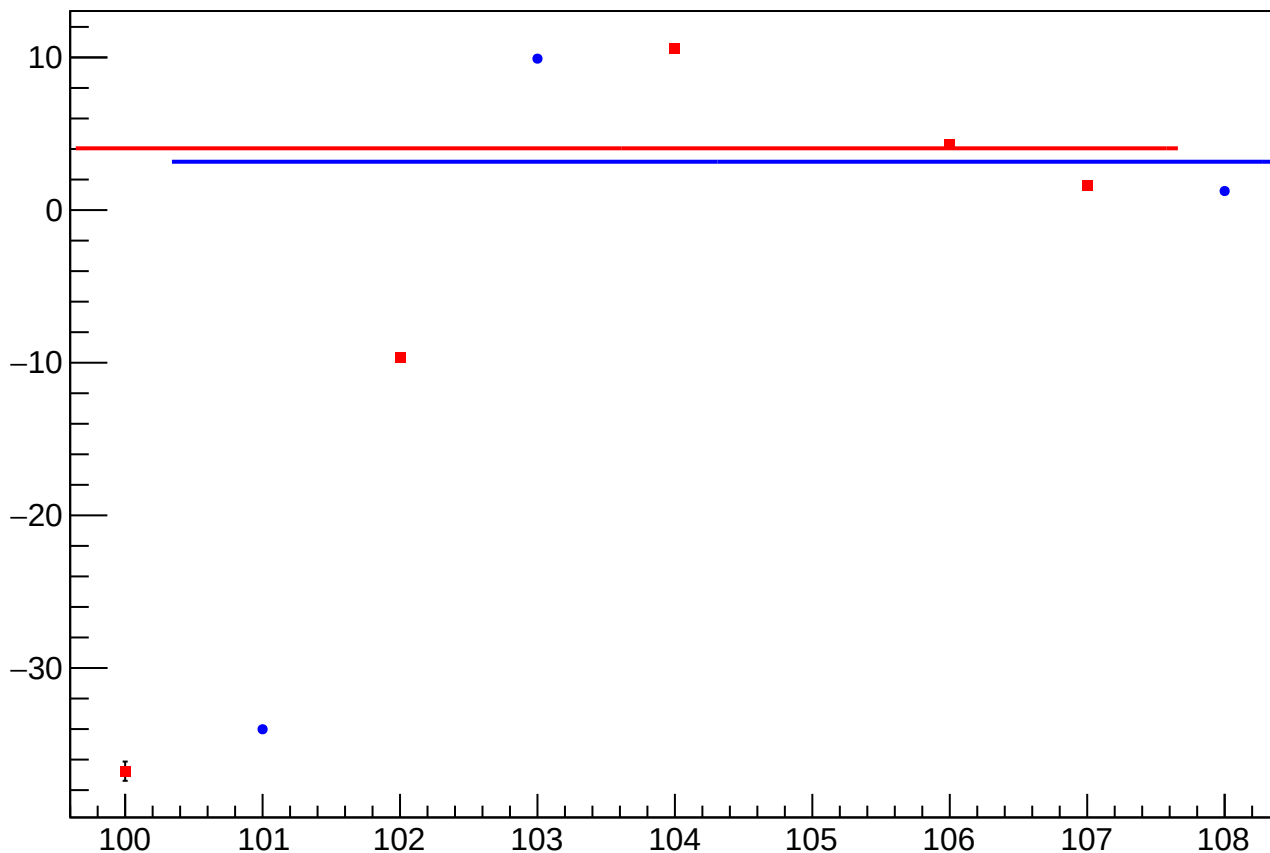
Right: 1.587+/-0.983 χ^2/NDF : 129.6/7

In: 7.665+/-1.568 χ^2/NDF : 99.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.587+/-0.983 χ^2/NDF : 129.6/7

reg_asym_us_dd_at2lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 3.167 $\pm$ 0.048 χ^2 /NDF: 53522.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4.047 $\pm$ 0.050 χ^2 /NDF: 25427.6/4

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

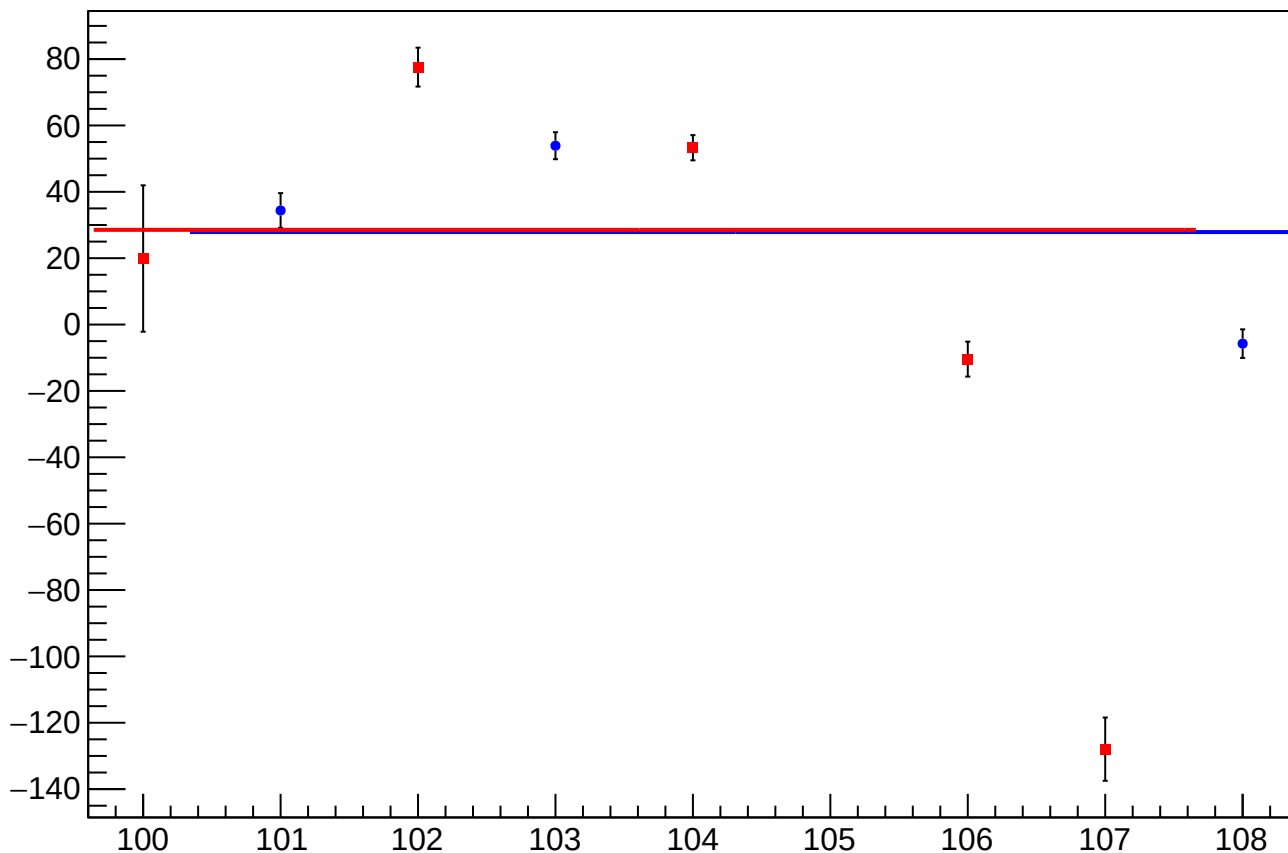
Right: 3.595 $\pm$ 0.035 χ^2 /NDF: 79110.7/7

In: 3.167 $\pm$ 0.048 χ^2 /NDF:53522.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.595 $\pm$ 0.035 χ^2 /NDF: 79110.7/7

reg_asym_us_dd_atlr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 27.873+/-2.575 χ^2/NDF : 103.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.538+/-2.604 χ^2/NDF : 436.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

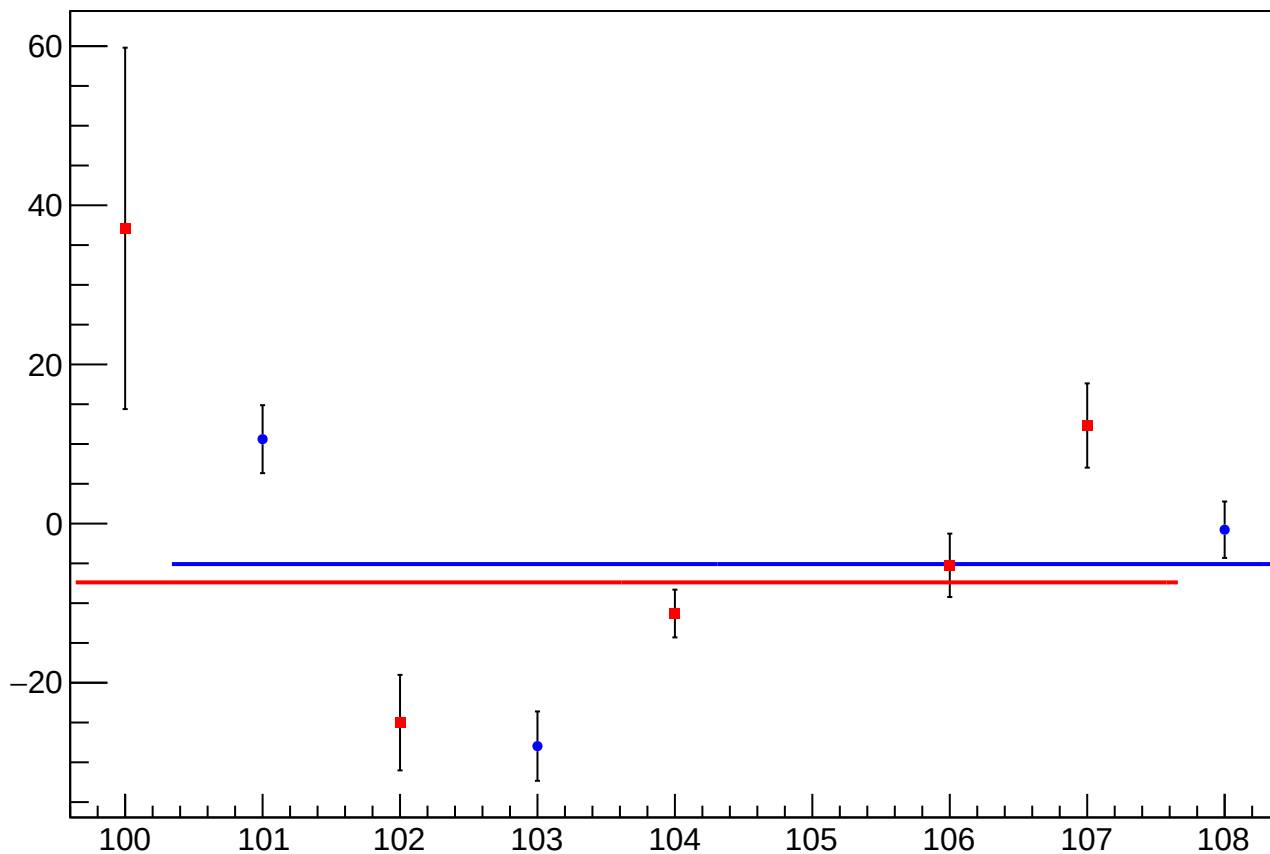
Right: 28.202+/-1.831 χ^2/NDF : 540.0/7

In: 27.873+/-2.575 χ^2/NDF : 103.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.202+/-1.831 χ^2/NDF : 540.0/7

reg_asym_us_dd_atlr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.089+/-2.312 χ^2/NDF : 42.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.388+/-2.043 χ^2/NDF : 28.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

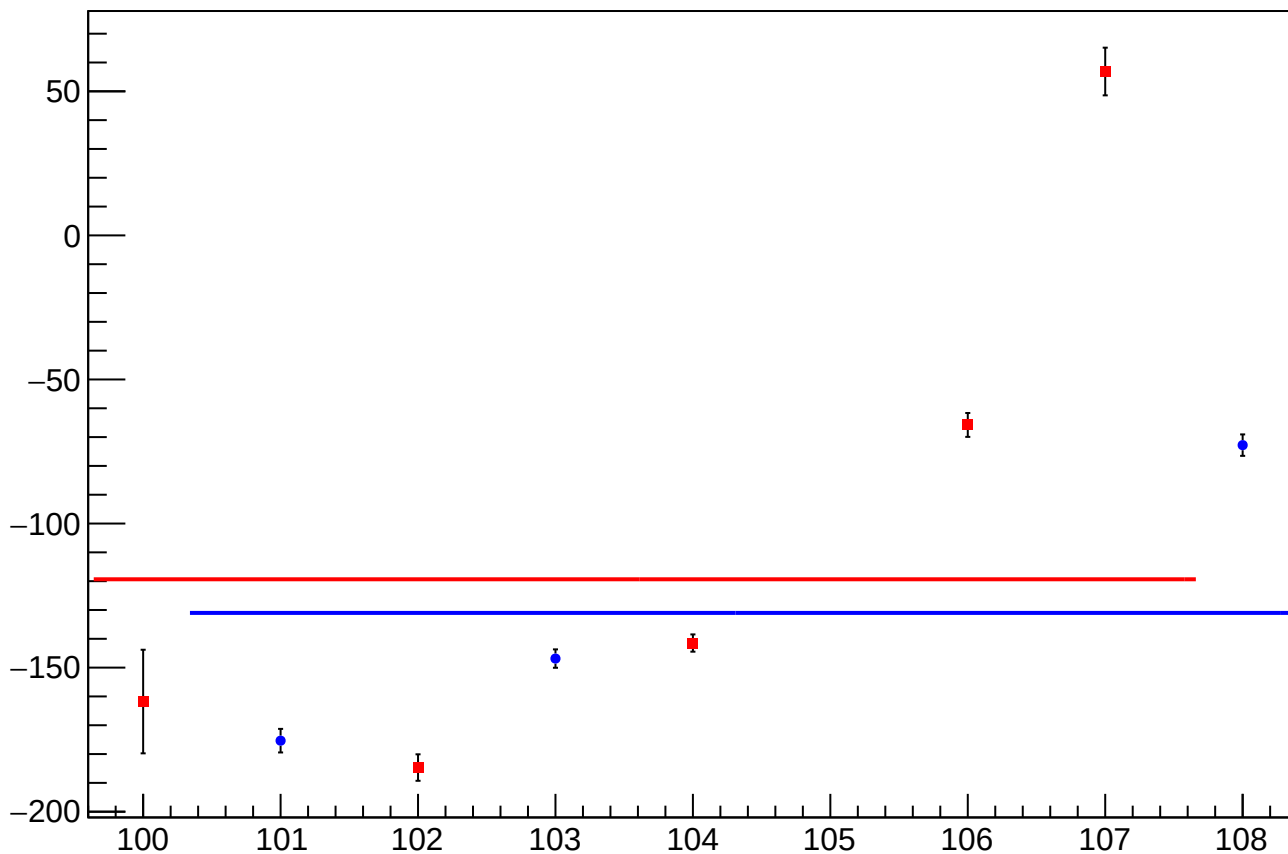
Right: -6.380+/-1.531 χ^2/NDF : 71.4/7

In: -5.089+/-2.312 χ^2/NDF : 42.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.380+/-1.531 χ^2/NDF : 71.4/7

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -131.014 $\pm$ 2.085 χ^2 /NDF: 386.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -119.346 $\pm$ 2.064 χ^2 /NDF: 882.8/4

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

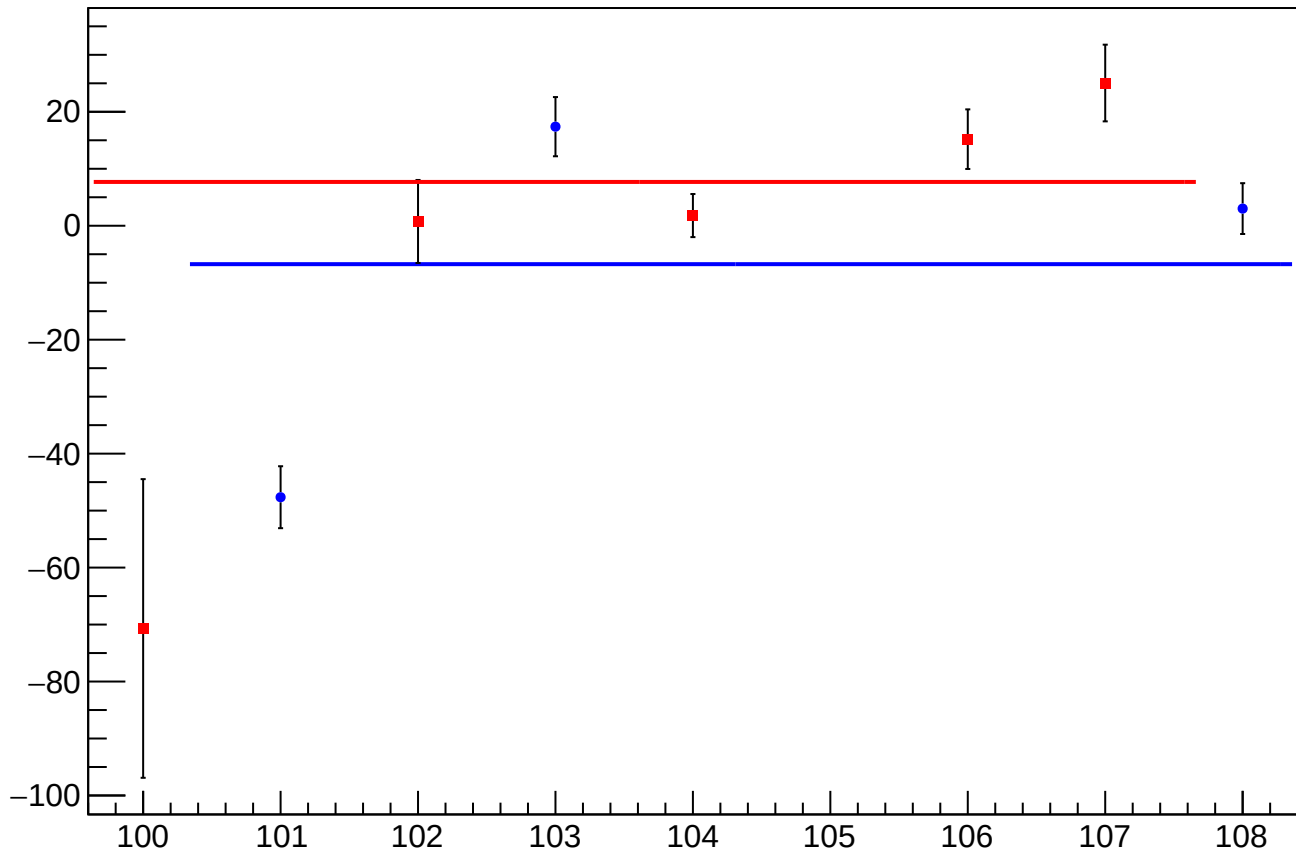
Right: -125.122 $\pm$ 1.467 χ^2 /NDF: 1285.5/7

In: -131.014 $\pm$ 2.085 χ^2 /NDF:386.9/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -125.122 $\pm$ 1.467 χ^2 /NDF: 1285.5/7

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -6.743+/-2.873 χ^2/NDF : 83.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.689+/-2.592 χ^2/NDF : 21.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

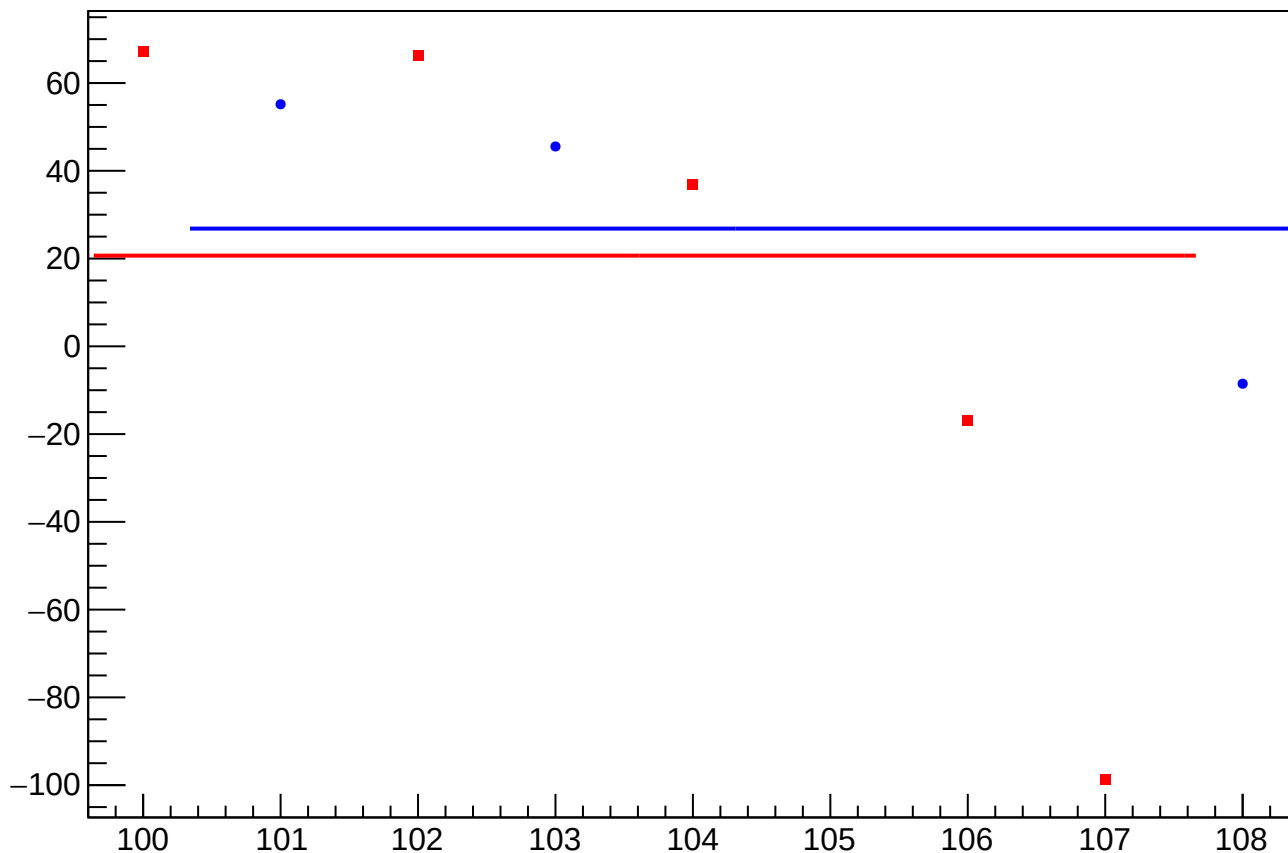
Right: 1.213+/-1.924 χ^2/NDF : 117.9/7

In: -6.743+/-2.873 χ^2/NDF : 83.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.213+/-1.924 χ^2/NDF : 117.9/7

reg_asym_us_dd_atlr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 26.832+/-0.093 χ^2/NDF : 87429.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.668+/-0.096 χ^2/NDF : 228120.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

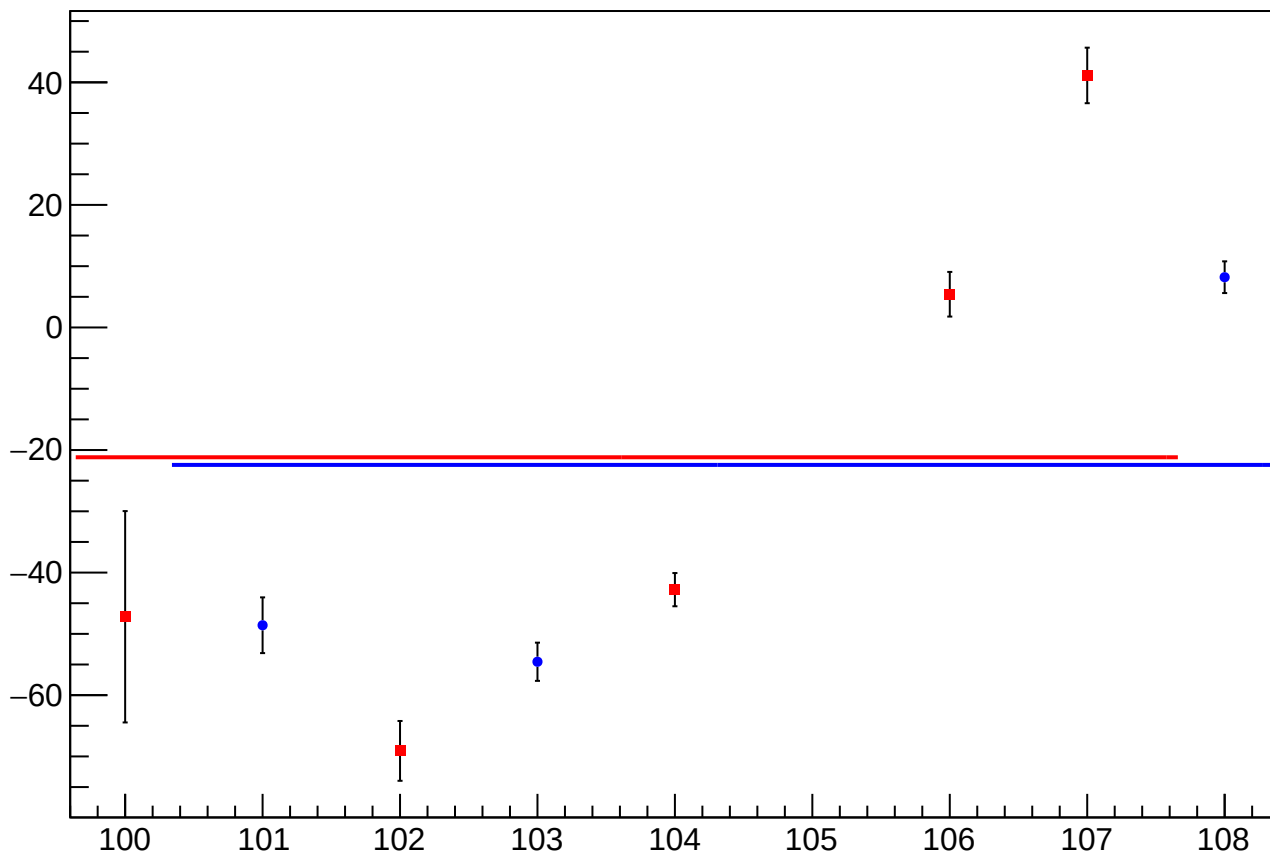
Right: 23.867+/-0.067 χ^2/NDF : 317677.1/7

In: 26.832+/-0.093 χ^2/NDF : 87429.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.867+/-0.067 χ^2/NDF : 317677.1/7

reg_asym_us_dd_atlr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -22.428+/-1.824 χ^2/NDF : 279.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.182+/-1.809 χ^2/NDF : 404.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

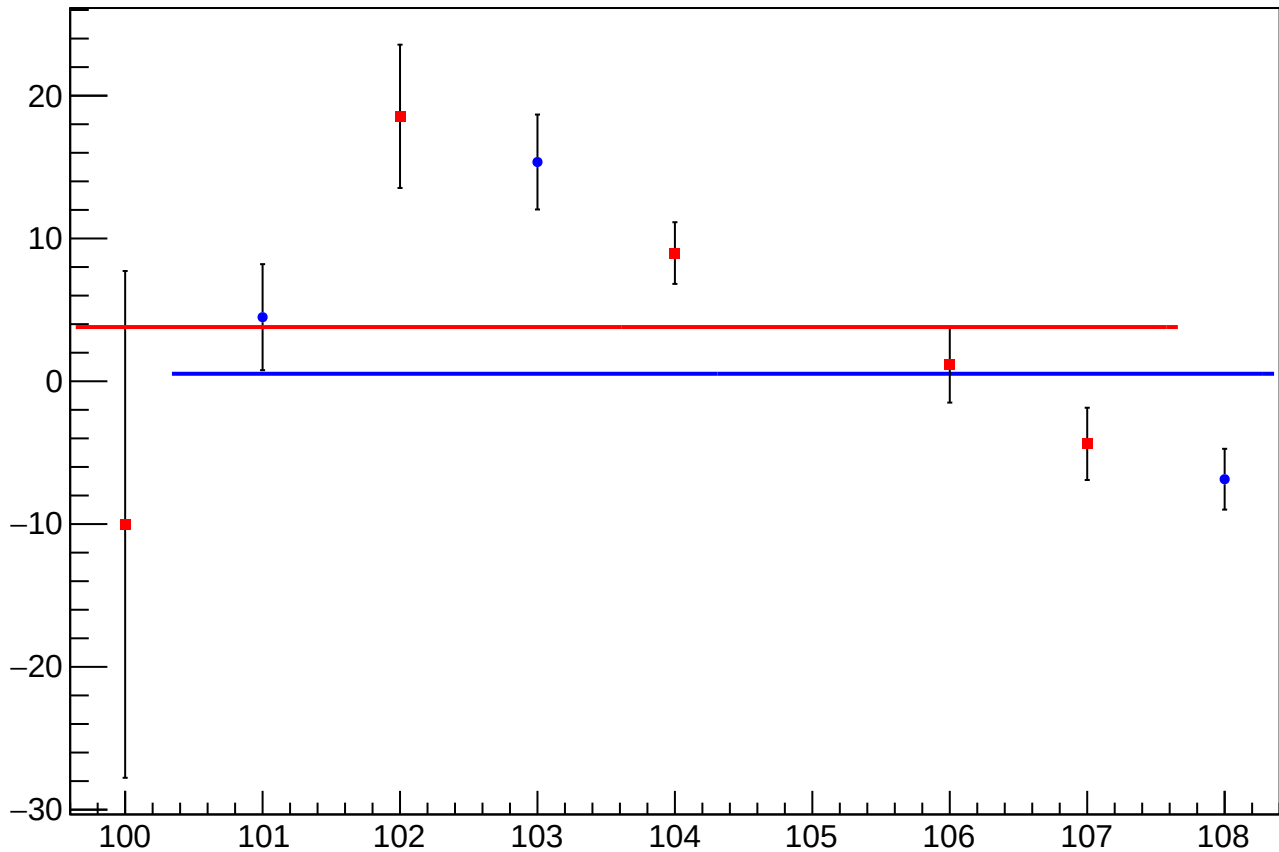
Right: -21.800+/-1.285 χ^2/NDF : 684.1/7

In: -22.428+/-1.824 χ^2/NDF : 279.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.800+/-1.285 χ^2/NDF : 684.1/7

reg_asym_us_dd_atlr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.526+/-1.614 χ^2/NDF : 33.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.797+/-1.342 χ^2/NDF : 26.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

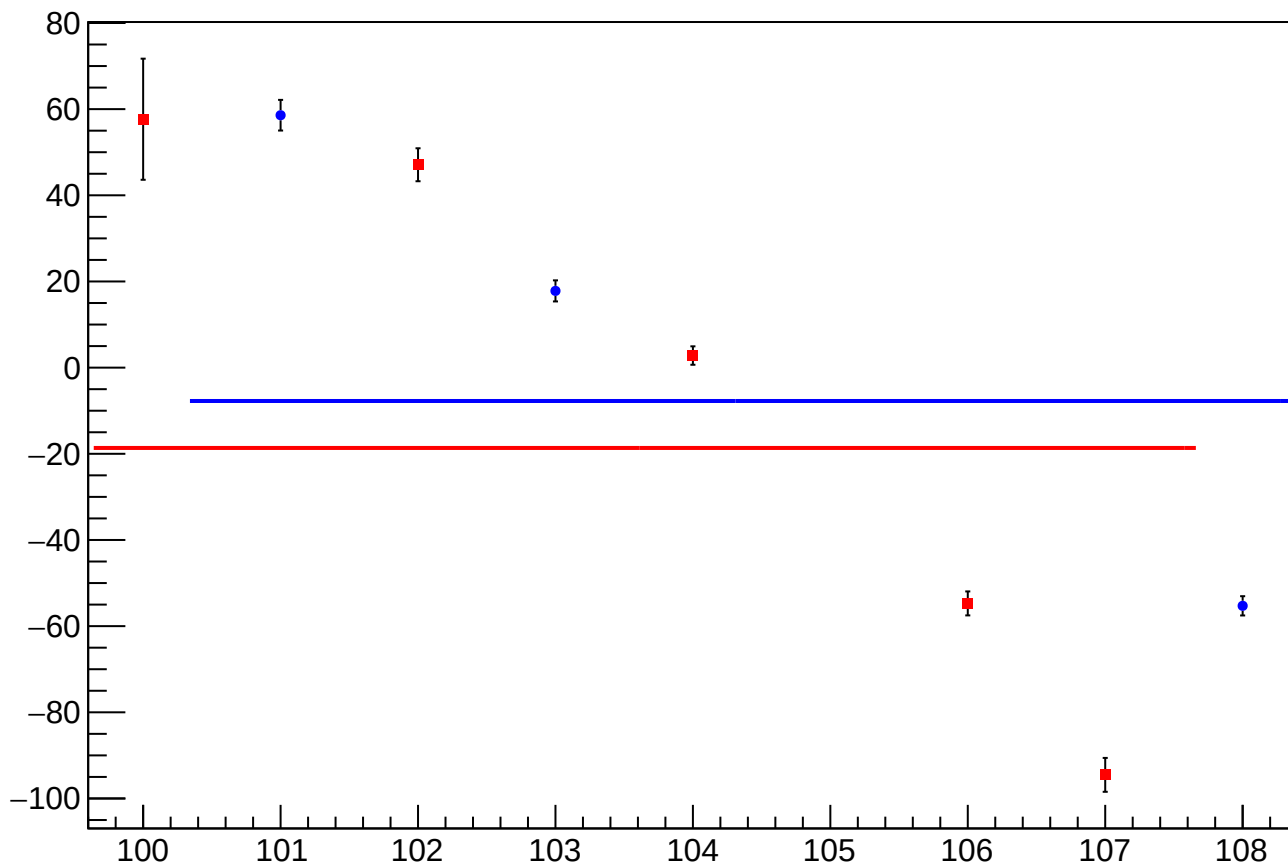
Right: 2.461+/-1.032 χ^2/NDF : 62.0/7

In: 0.526+/-1.614 χ^2/NDF : 33.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.461+/-1.032 χ^2/NDF : 62.0/7

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -7.742+/-1.497 χ^2 /NDF: 909.0/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -18.642+/-1.435 χ^2 /NDF: 965.7/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

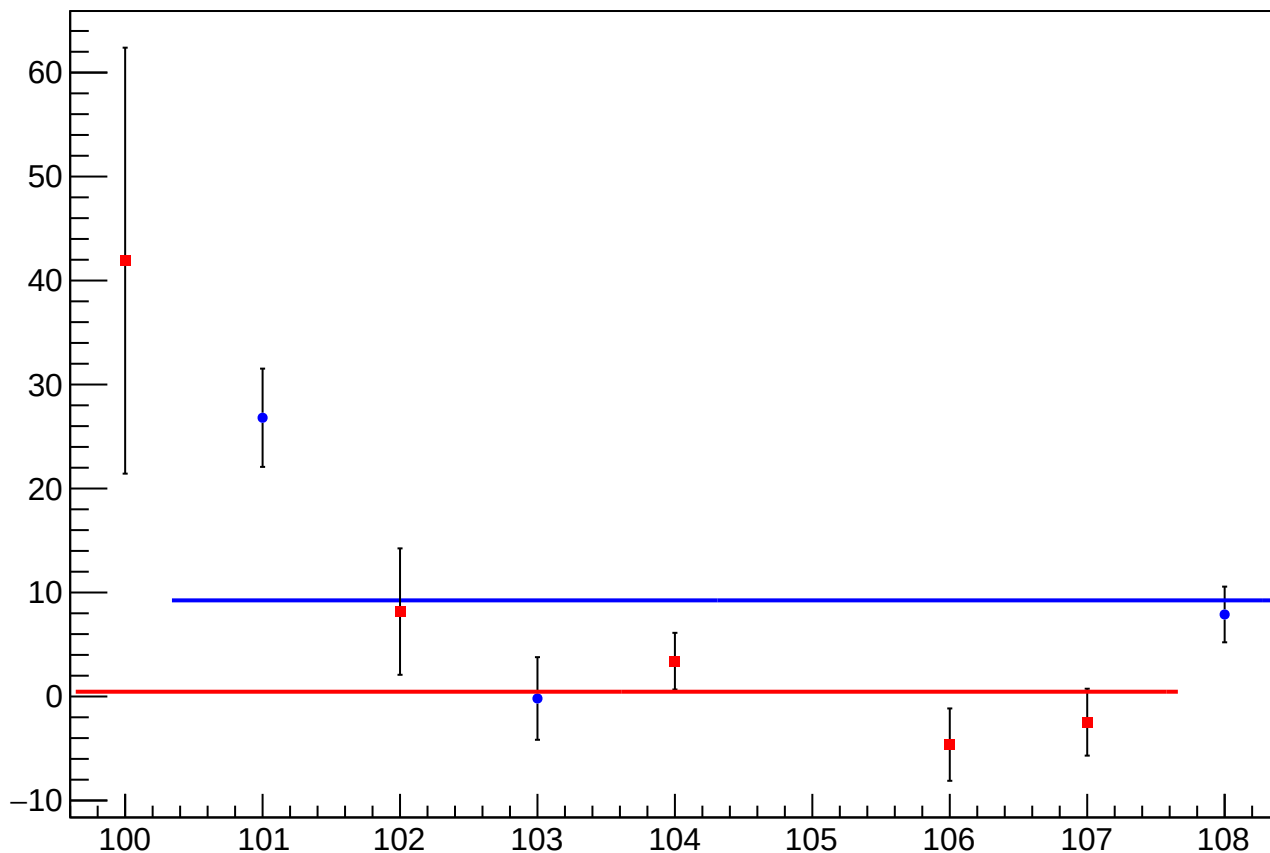
Right: -13.423+/-1.036 χ^2 /NDF: 1902.3/7

In: -7.742+/-1.497 χ^2 /NDF:909.0/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -13.423+/-1.036 χ^2 /NDF: 1902.3/7

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.244 $\pm$ 2.010 χ^2 /NDF: 19.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.459 $\pm$ 1.706 χ^2 /NDF: 9.8/4

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

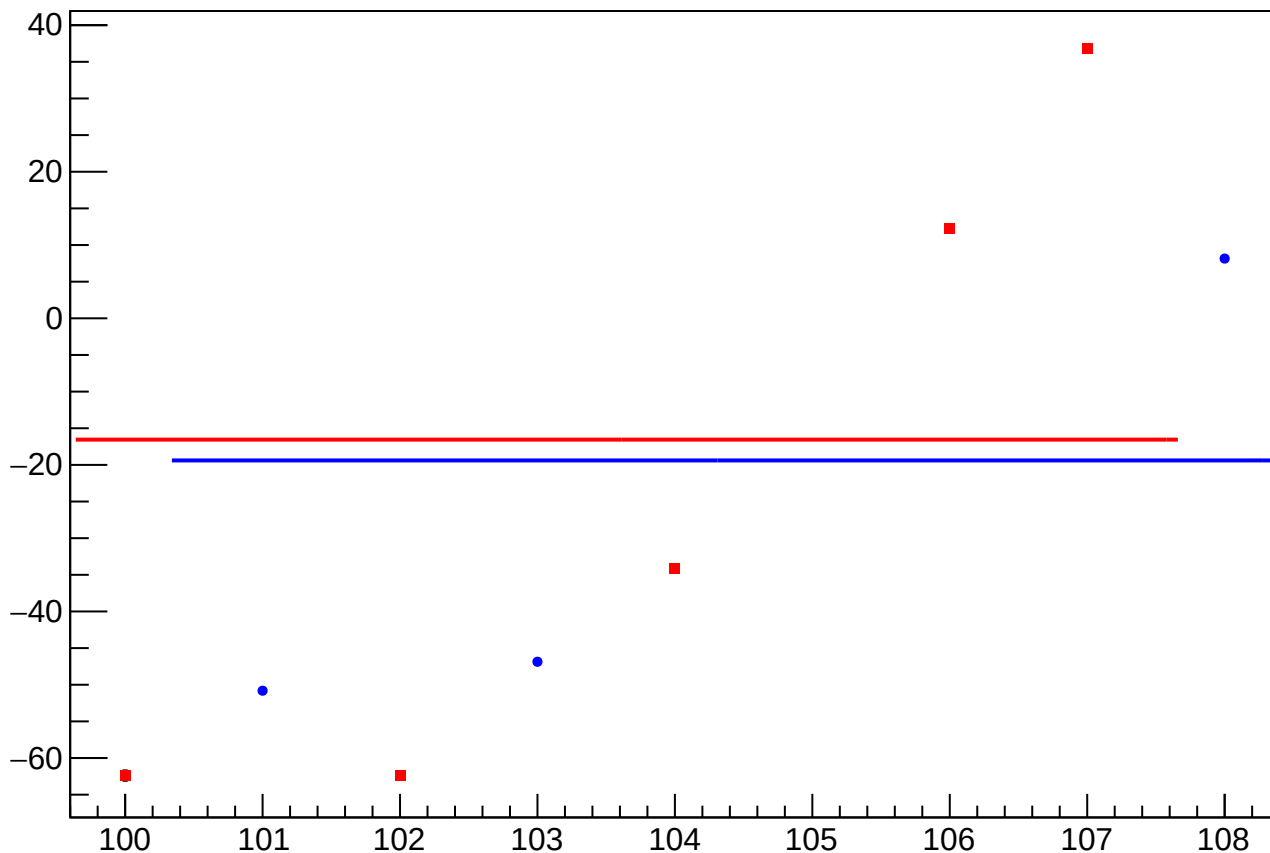
Right: 4.139 $\pm$ 1.301 χ^2 /NDF: 40.6/7

In: 9.244 $\pm$ 2.010 χ^2 /NDF:19.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4.139 $\pm$ 1.301 χ^2 /NDF: 40.6/7

reg_asym_us_dd_atlr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.391 $\pm$ 0.065 χ^2 /NDF: 185167.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -16.553 $\pm$ 0.068 χ^2 /NDF: 259165.7/4

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

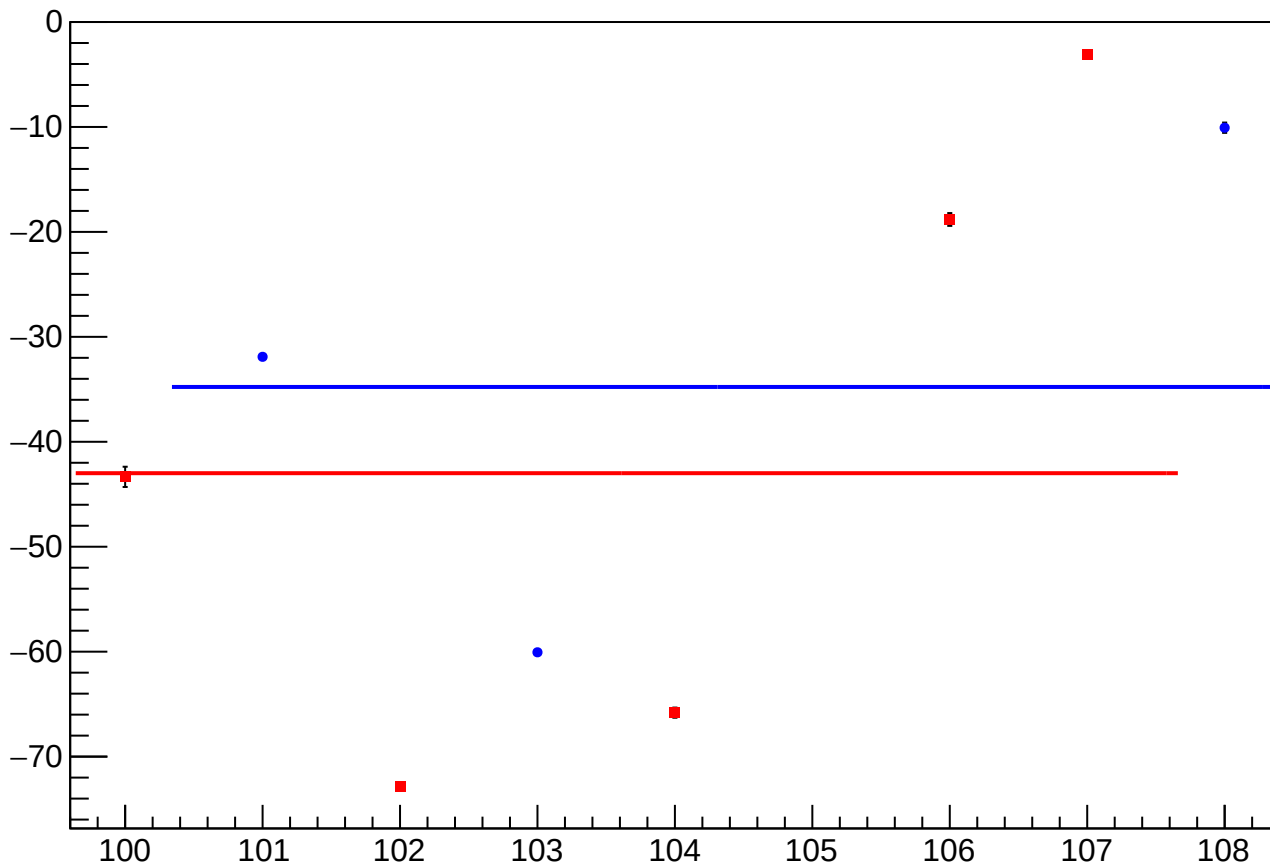
Right: -18.037 $\pm$ 0.047 χ^2 /NDF: 445246.4/7

In: -19.391 $\pm$ 0.065 χ^2 /NDF:185167.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -18.037 $\pm$ 0.047 χ^2 /NDF: 445246.4/7

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -34.775+/-0.218 χ^2/NDF : 6057.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -42.992+/-0.240 χ^2/NDF : 15280.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

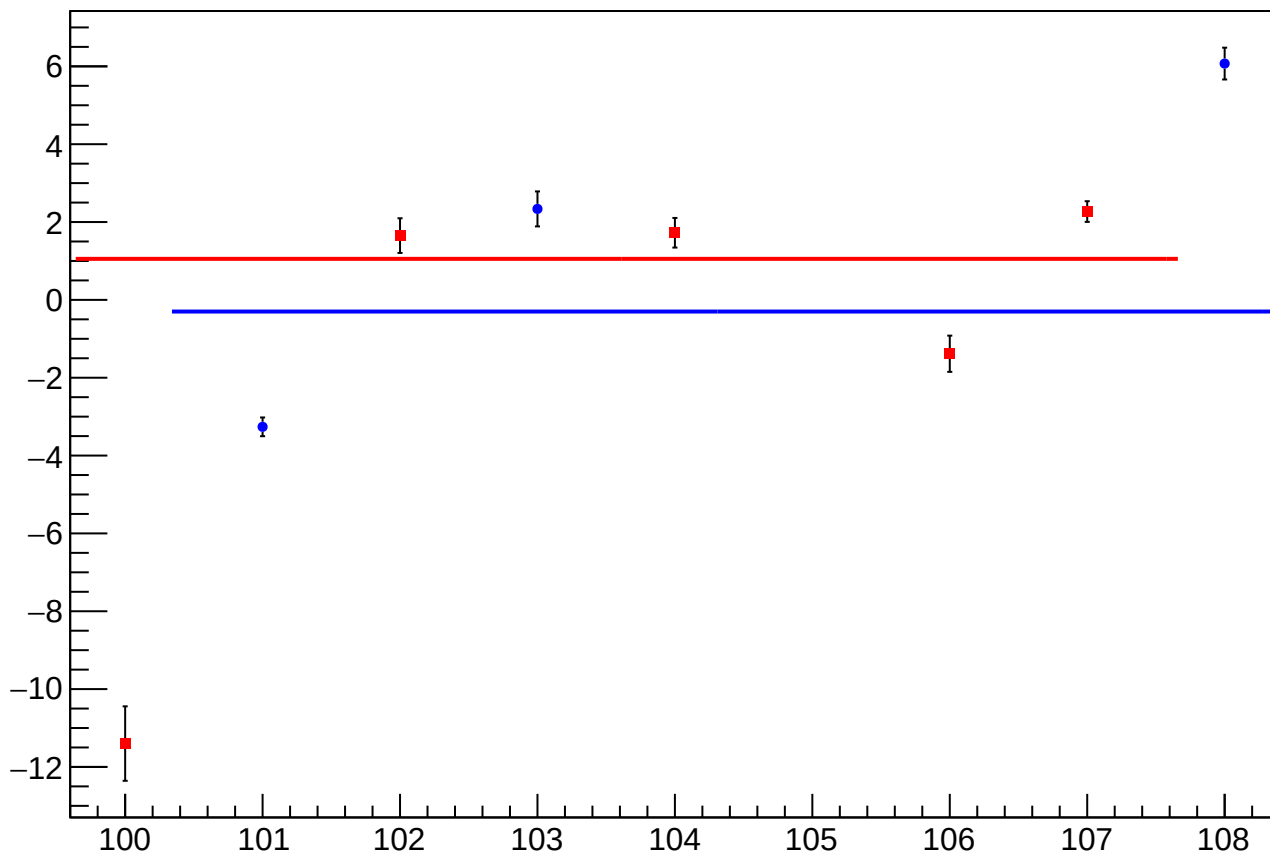
Right: -38.500+/-0.161 χ^2/NDF : 21980.1/7

In: -34.775+/-0.218 χ^2/NDF : 6057.3/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.500+/-0.161 χ^2/NDF : 21980.1/7

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.299 $\pm$ 0.188 χ^2 /NDF: 429.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.054 $\pm$ 0.177 χ^2 /NDF: 222.9/4

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

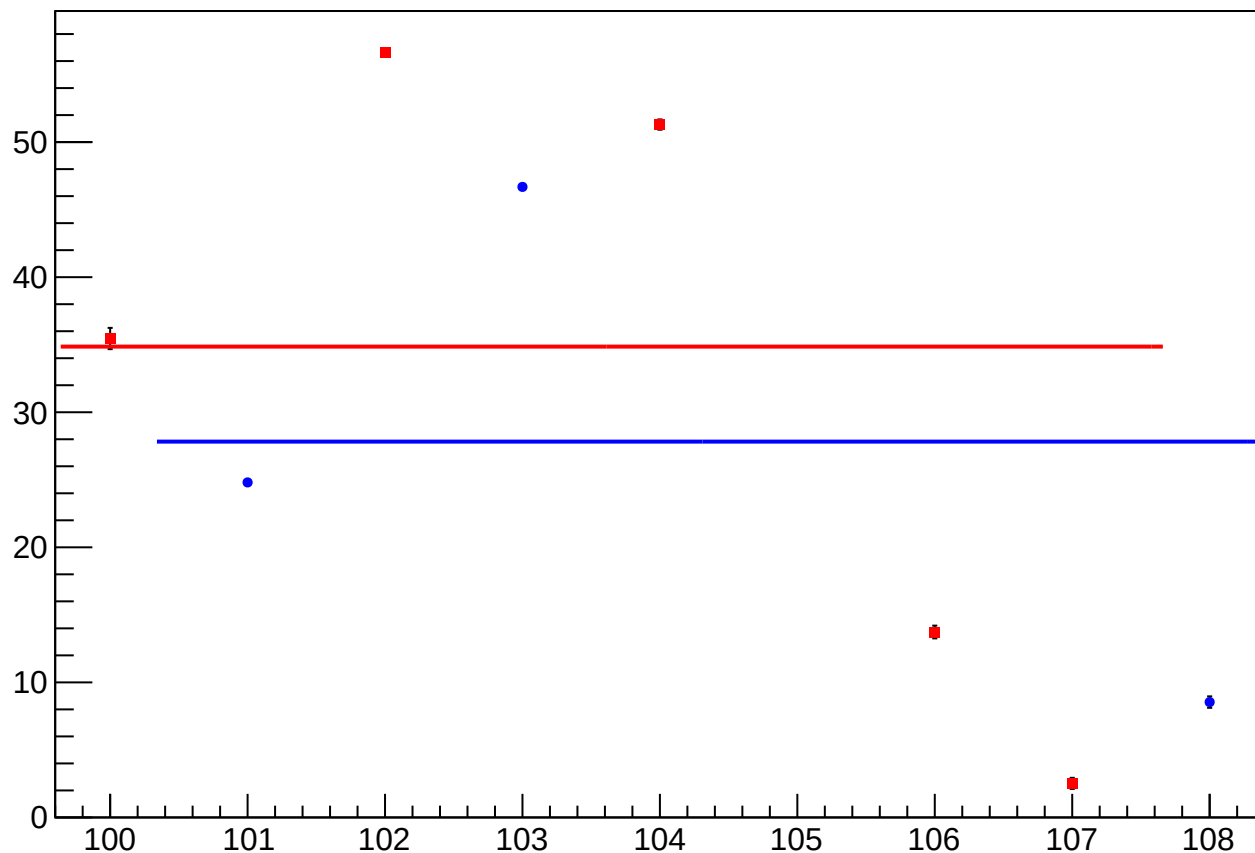
Right: 0.418 $\pm$ 0.129 χ^2 /NDF: 679.5/7

In: -0.299 $\pm$ 0.188 χ^2 /NDF:429.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.418 $\pm$ 0.129 χ^2 /NDF: 679.5/7

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.826+/-0.174 χ^2/NDF : 5338.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.860+/-0.193 χ^2/NDF : 13839.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

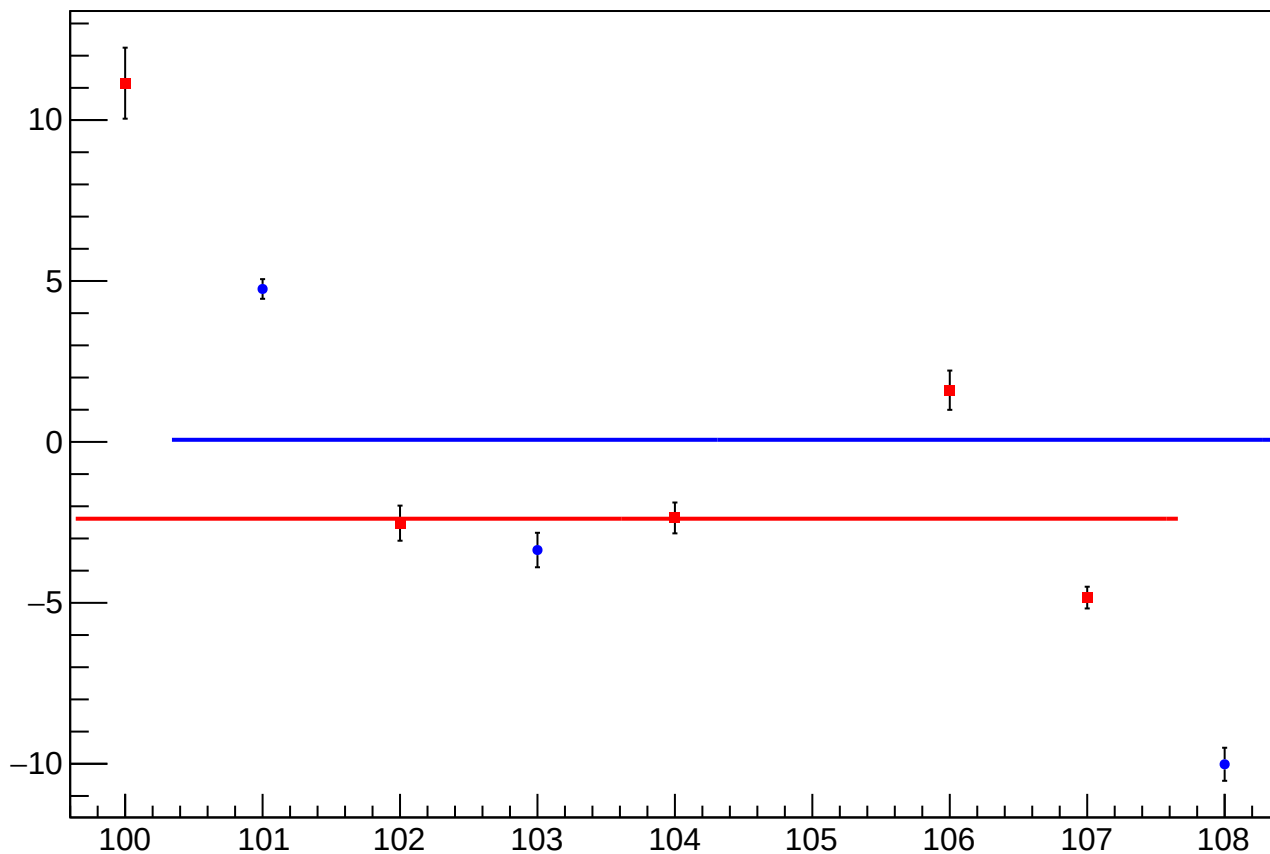
Right: 30.983+/-0.129 χ^2/NDF : 19911.3/7

In: 27.826+/-0.174 χ^2/NDF : 5338.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.983+/-0.129 χ^2/NDF : 19911.3/7

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.066+/-0.236 χ^2/NDF : 661.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.386+/-0.224 χ^2/NDF : 246.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

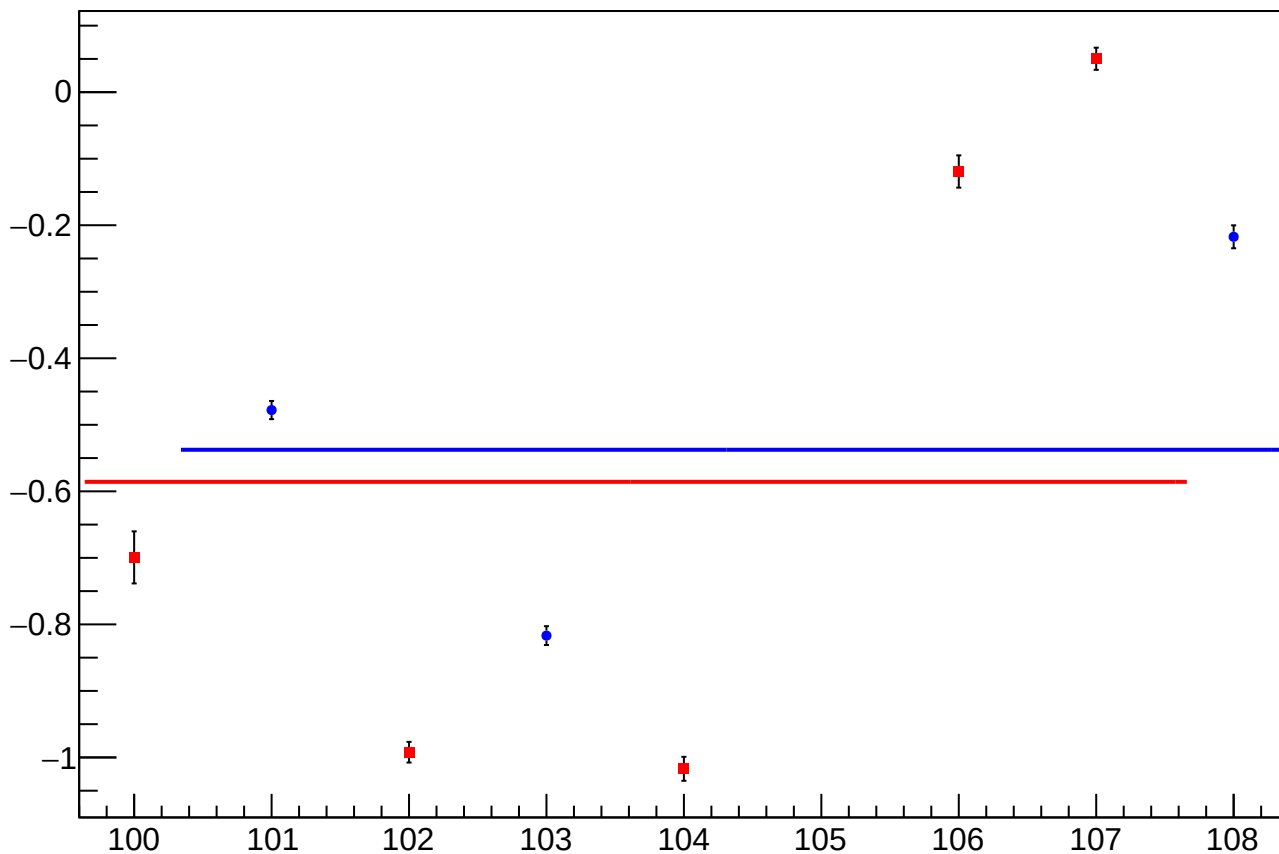
Right: -1.225+/-0.162 χ^2/NDF : 964.5/7

In: 0.066+/-0.236 χ^2/NDF : 661.6/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.225+/-0.162 χ^2/NDF : 964.5/7

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.538+/-0.009 χ^2/NDF : 753.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.586+/-0.009 χ^2/NDF : 3091.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

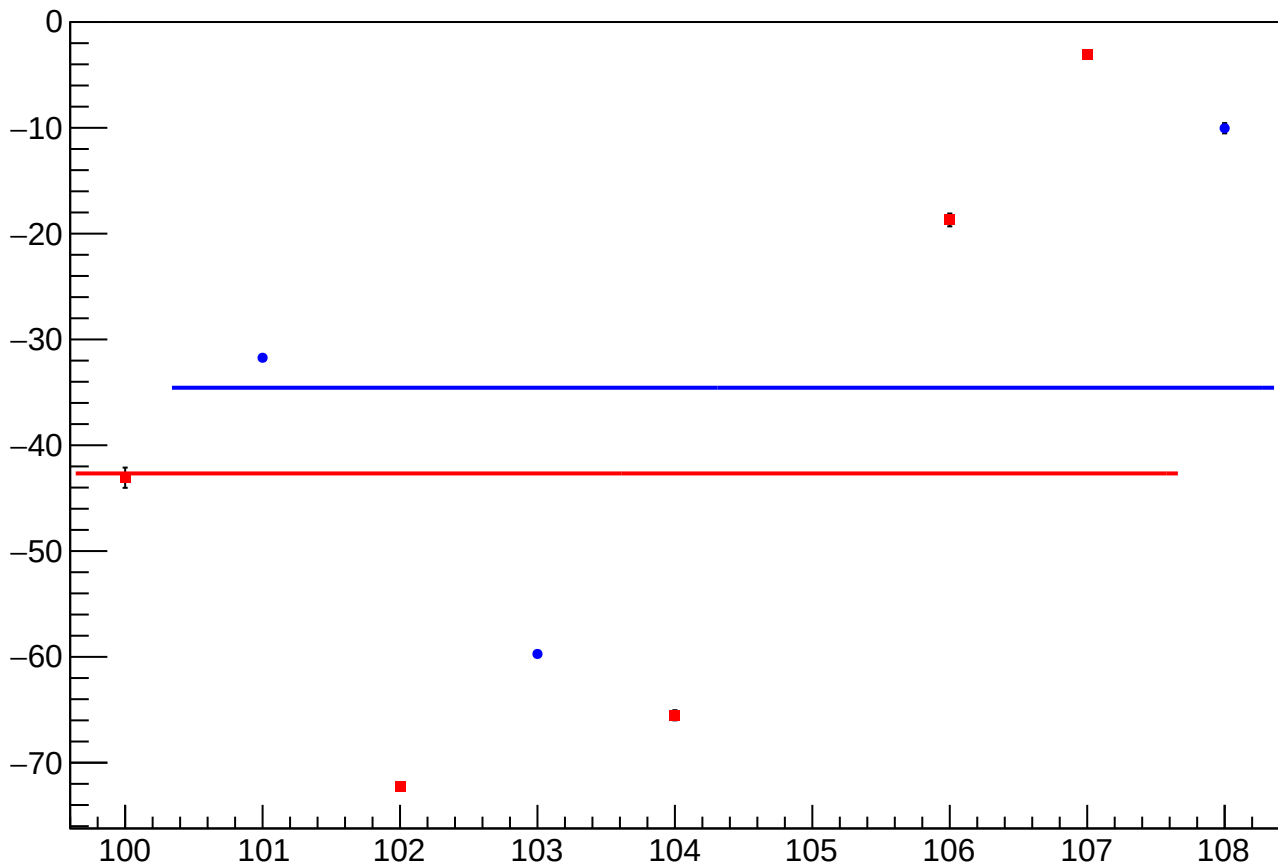
Right: -0.561+/-0.006 χ^2/NDF : 3860.4/7

In: -0.538+/-0.009 χ^2/NDF : 753.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.561+/-0.006 χ^2/NDF : 3860.4/7

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -34.563 $\pm$ 0.217 χ^2 /NDF: 6057.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -42.662 $\pm$ 0.238 χ^2 /NDF: 15293.5/4

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

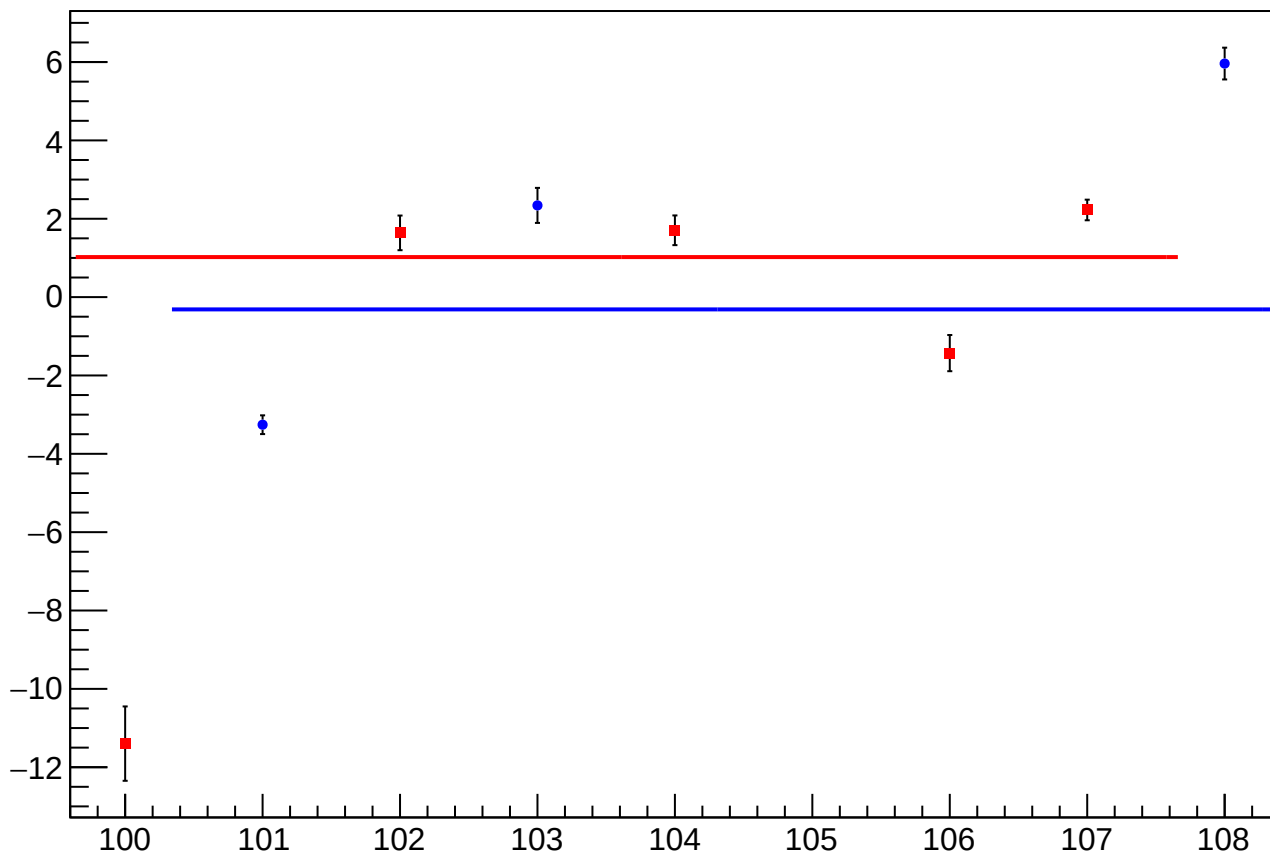
Right: -38.240 $\pm$ 0.160 χ^2 /NDF: 21983.0/7

In: -34.563 $\pm$ 0.217 χ^2 /NDF:6057.6/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -38.240 $\pm$ 0.160 χ^2 /NDF: 21983.0/7

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.314+/-0.187 χ^2 /NDF: 425.9/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1.022+/-0.176 χ^2 /NDF: 225.5/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

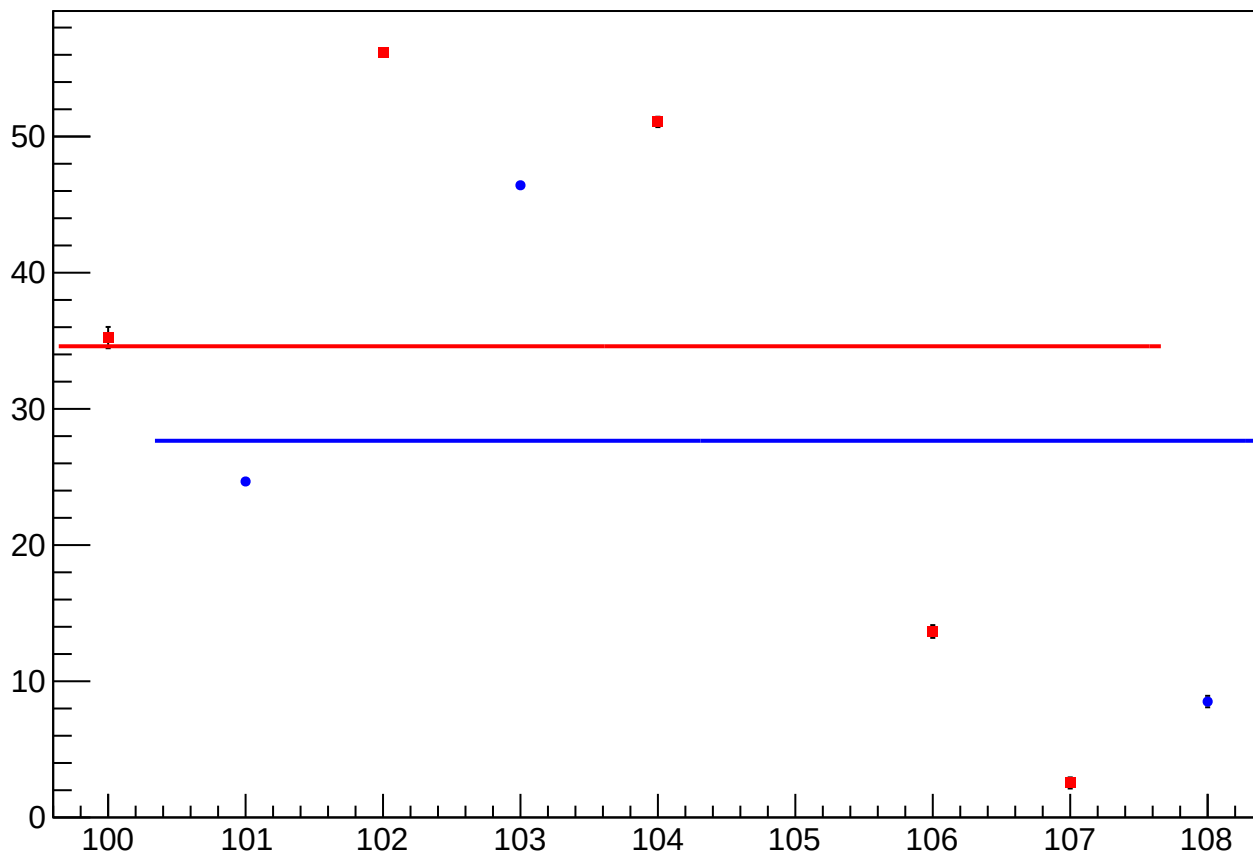
Right: 0.395+/-0.128 χ^2 /NDF: 678.5/7

In: -0.314+/-0.187 χ^2 /NDF:425.9/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.395+/-0.128 χ^2 /NDF: 678.5/7

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.659+/-0.173 χ^2/NDF : 5337.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.599+/-0.192 χ^2/NDF : 13849.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

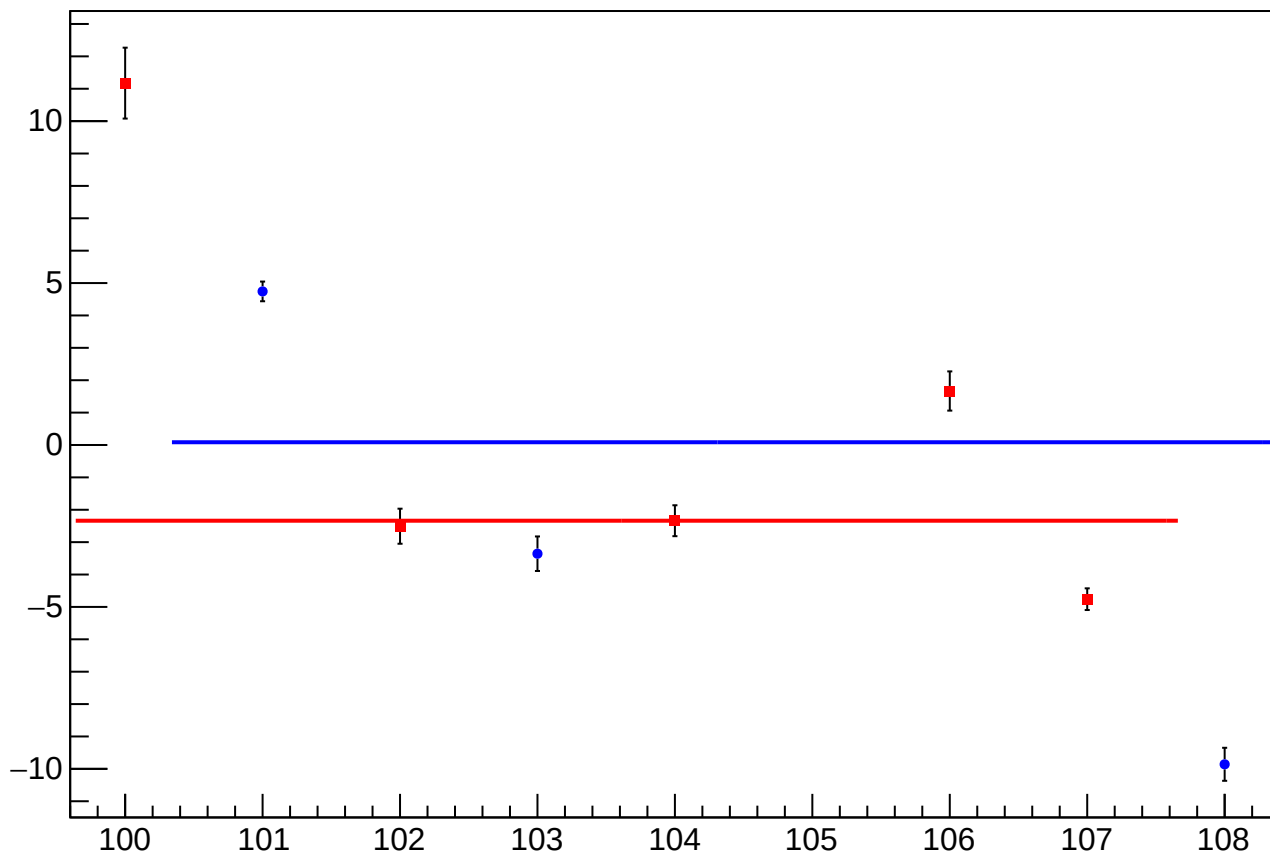
Right: 30.778+/-0.128 χ^2/NDF : 19909.4/7

In: 27.659+/-0.173 χ^2/NDF : 5337.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.778+/-0.128 χ^2/NDF : 19909.4/7

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.085+/-0.234 χ^2/NDF : 657.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.338+/-0.222 χ^2/NDF : 248.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

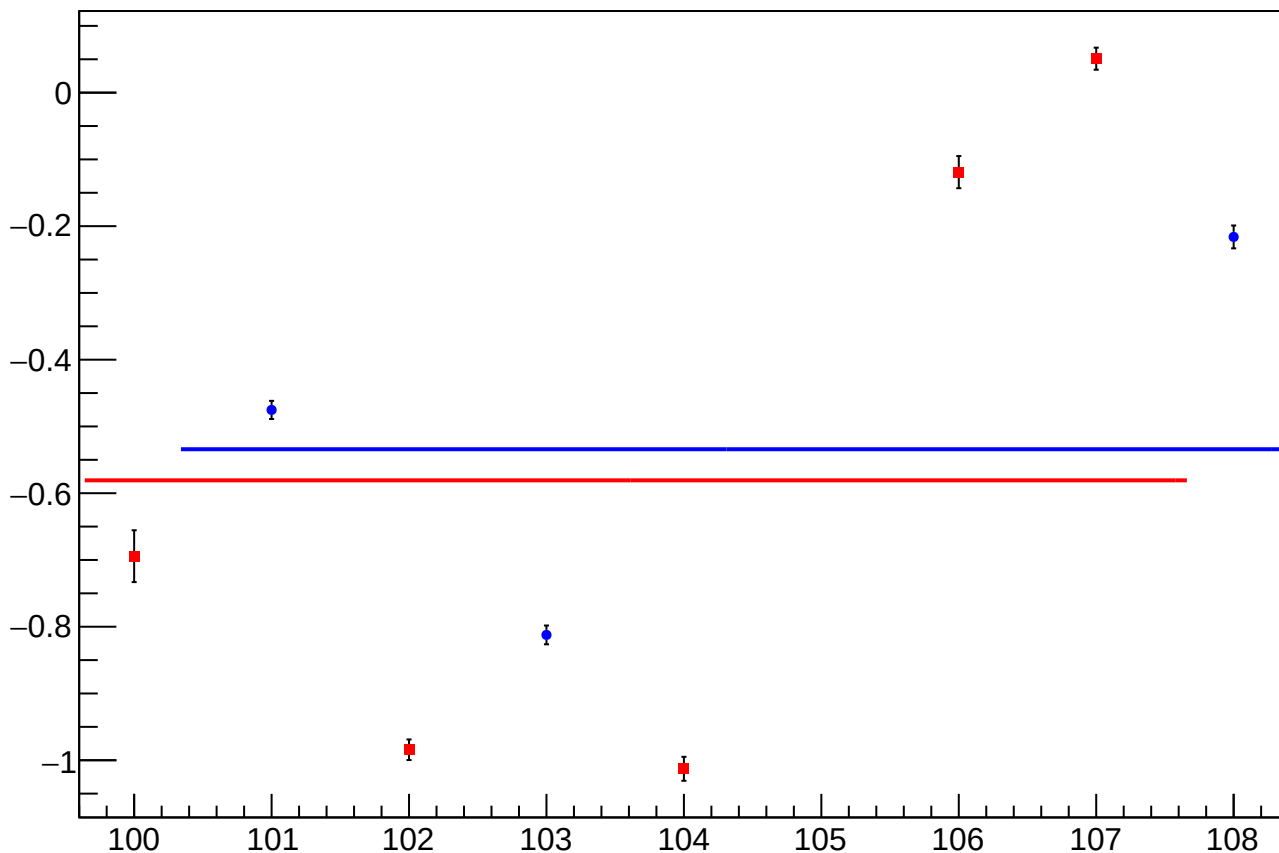
Right: -1.193+/-0.161 χ^2/NDF : 962.1/7

In: 0.085+/-0.234 χ^2/NDF : 657.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.193+/-0.161 χ^2/NDF : 962.1/7

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.534 $\pm$ 0.008 χ^2 /NDF: 754.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.581 $\pm$ 0.009 χ^2 /NDF: 3102.1/4

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

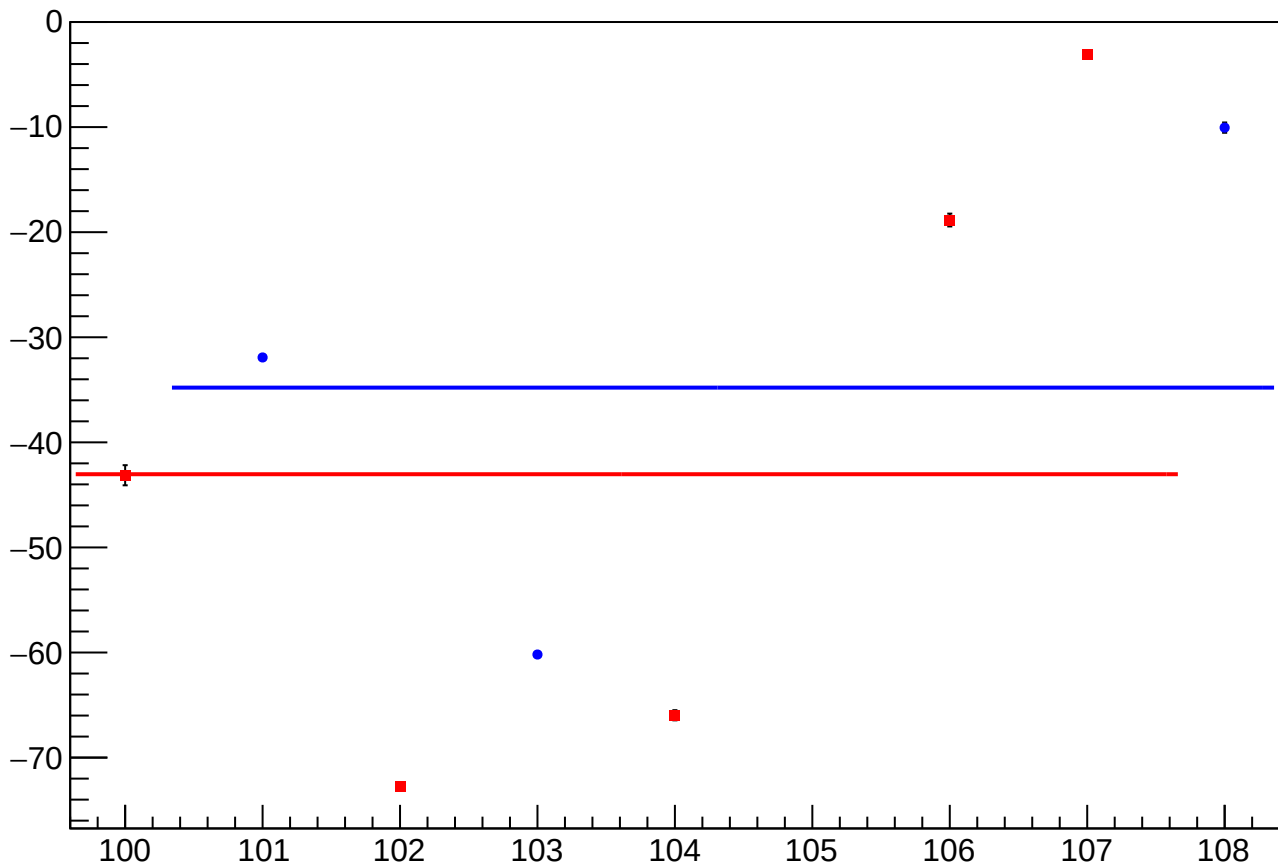
Right: -0.557 $\pm$ 0.006 χ^2 /NDF: 3871.3/7

In: -0.534 $\pm$ 0.008 χ^2 /NDF:754.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.557 $\pm$ 0.006 χ^2 /NDF: 3871.3/7

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -34.792 $\pm$ 0.218 χ^2 /NDF: 6088.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -43.033 $\pm$ 0.240 χ^2 /NDF: 15230.6/4

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

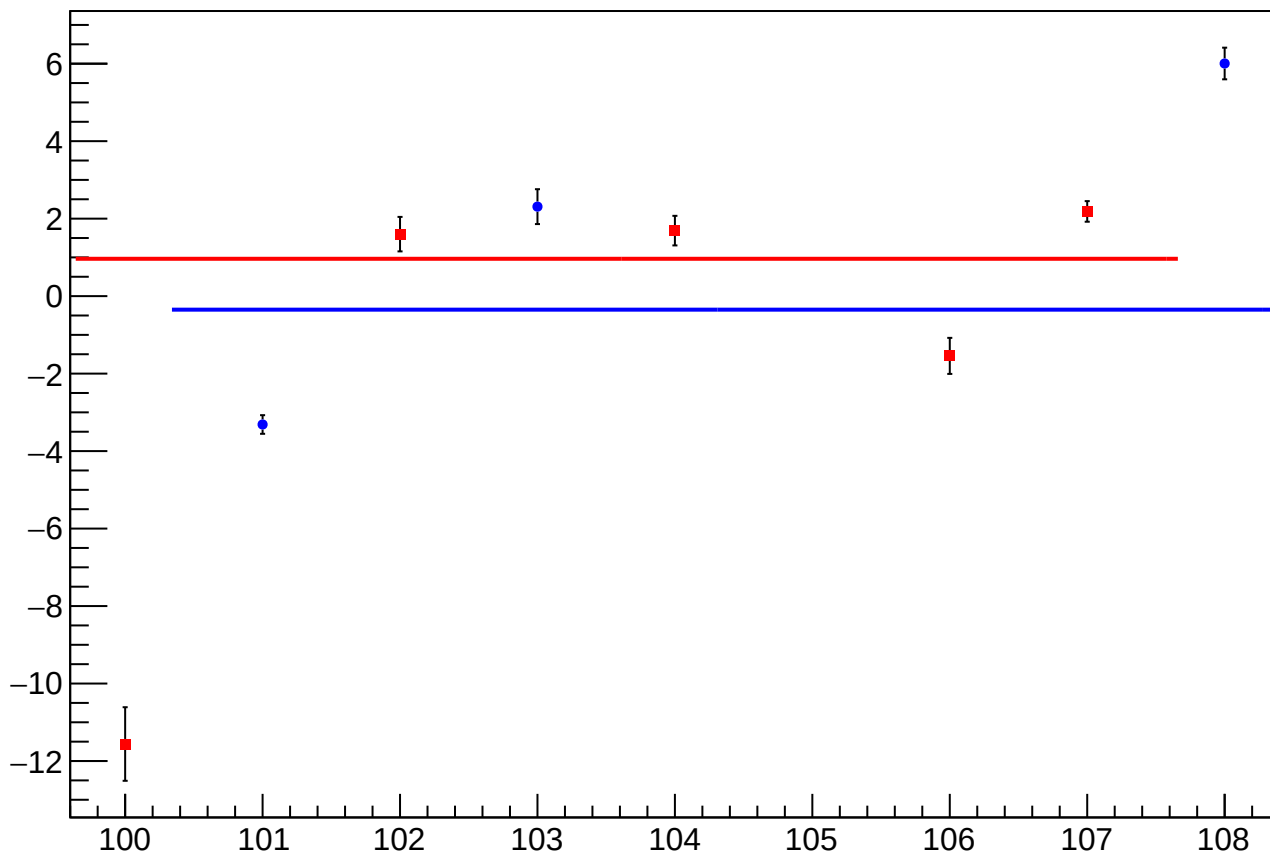
Right: -38.528 $\pm$ 0.161 χ^2 /NDF: 21964.0/7

In: -34.792 $\pm$ 0.218 χ^2 /NDF:6088.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -38.528 $\pm$ 0.161 χ^2 /NDF: 21964.0/7

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.349 ± 0.188 χ^2/NDF : 428.7/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.964 ± 0.177 χ^2/NDF : 229.7/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

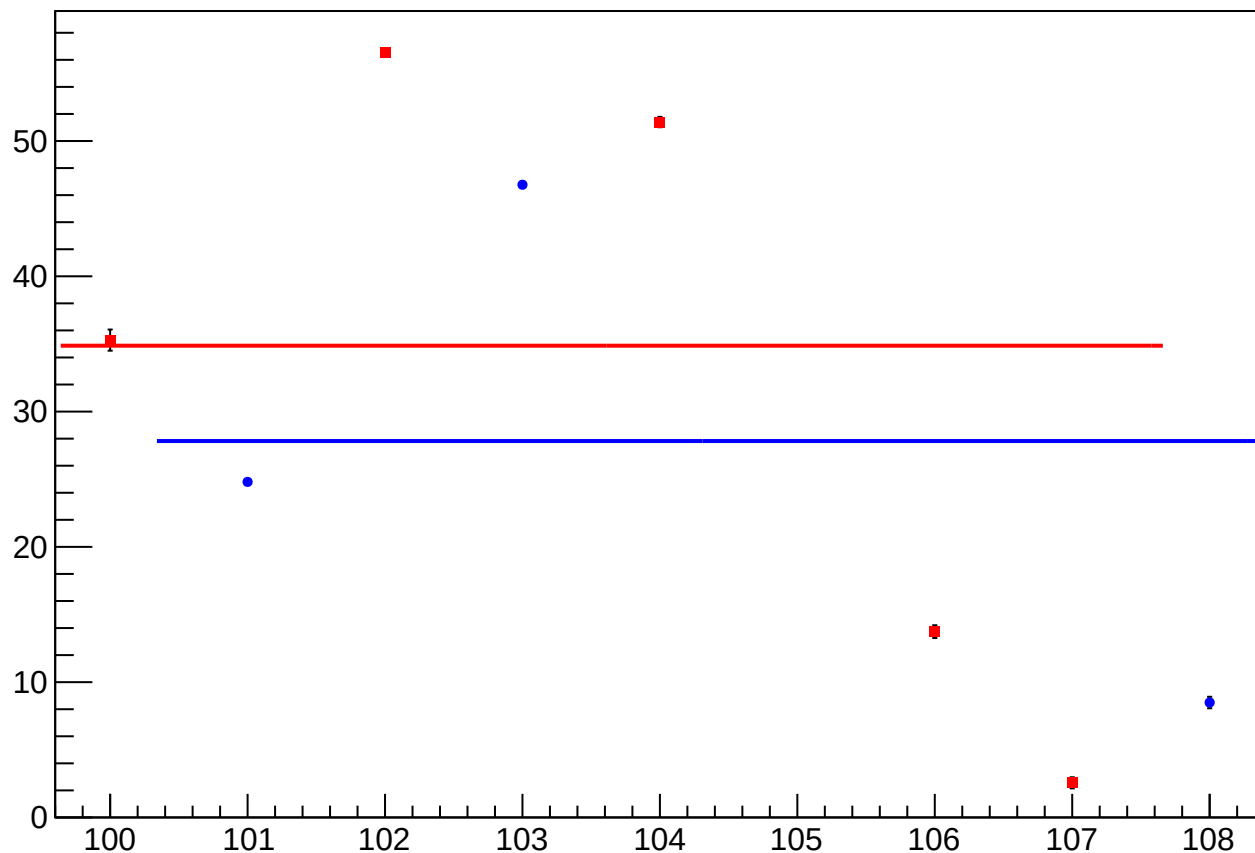
Right: 0.346 ± 0.129 χ^2/NDF : 684.2/7

In: -0.349 ± 0.188 χ^2/NDF : 428.7/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.346 ± 0.129 χ^2/NDF : 684.2/7

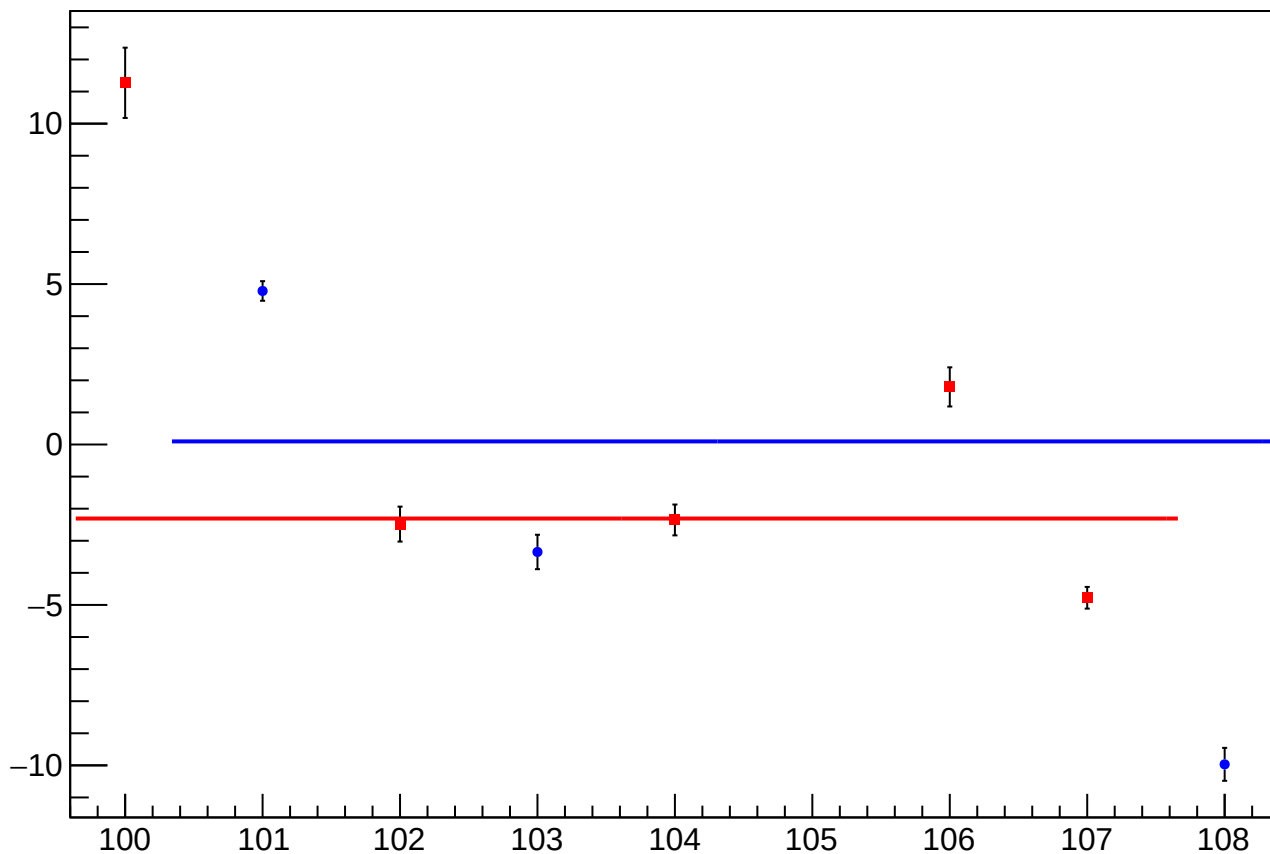
reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.824+/-0.174 χ^2/NDF : 5368.7/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 34.871+/-0.193 χ^2/NDF : 13795.3/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 30.987+/-0.129 χ^2/NDF : 19899.6/7
 In: 27.824+/-0.174 χ^2/NDF : 5368.7/2
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 30.987+/-0.129 χ^2/NDF : 19899.6/7

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.097+/-0.236 χ^2/NDF : 661.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.307+/-0.224 χ^2/NDF : 252.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

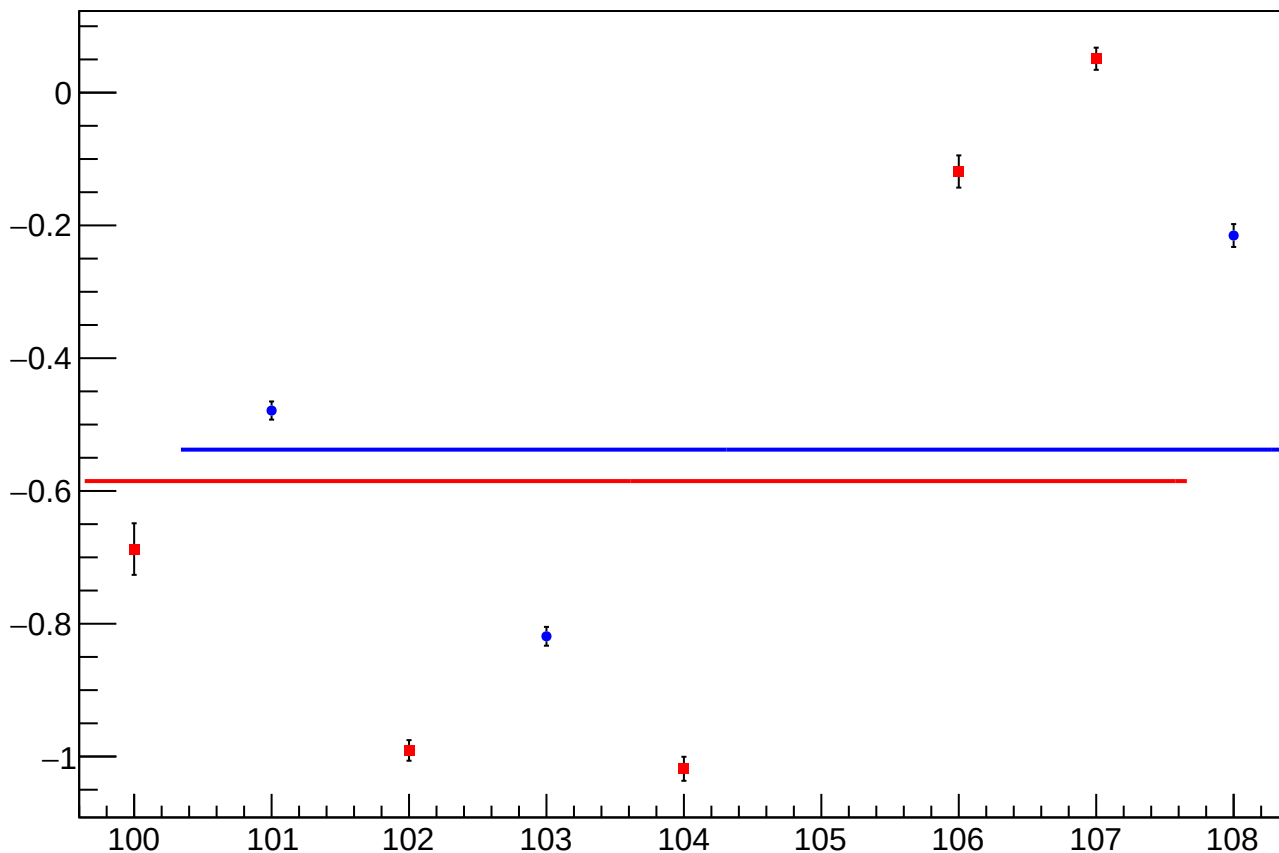
Right: -1.168+/-0.162 χ^2/NDF : 968.1/7

In: 0.097+/-0.236 χ^2/NDF : 661.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.168+/-0.162 χ^2/NDF : 968.1/7

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.538 $\pm$ 0.009 χ^2 /NDF: 762.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.585 $\pm$ 0.009 χ^2 /NDF: 3086.7/4

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

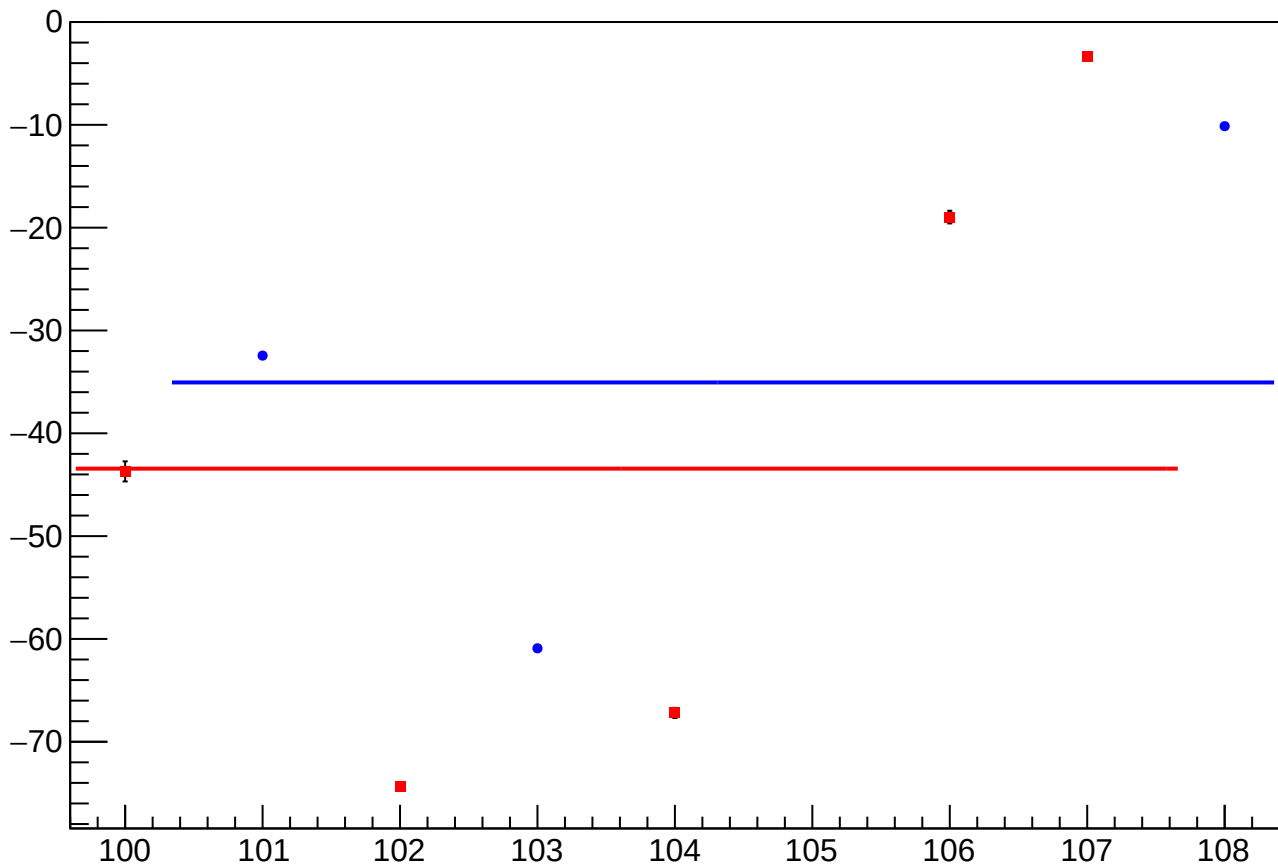
Right: -0.561 $\pm$ 0.006 χ^2 /NDF: 3864.2/7

In: -0.538 $\pm$ 0.009 χ^2 /NDF:762.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.561 $\pm$ 0.006 χ^2 /NDF: 3864.2/7

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -35.054+/-0.222 χ^2/NDF : 6120.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -43.437+/-0.244 χ^2/NDF : 15422.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

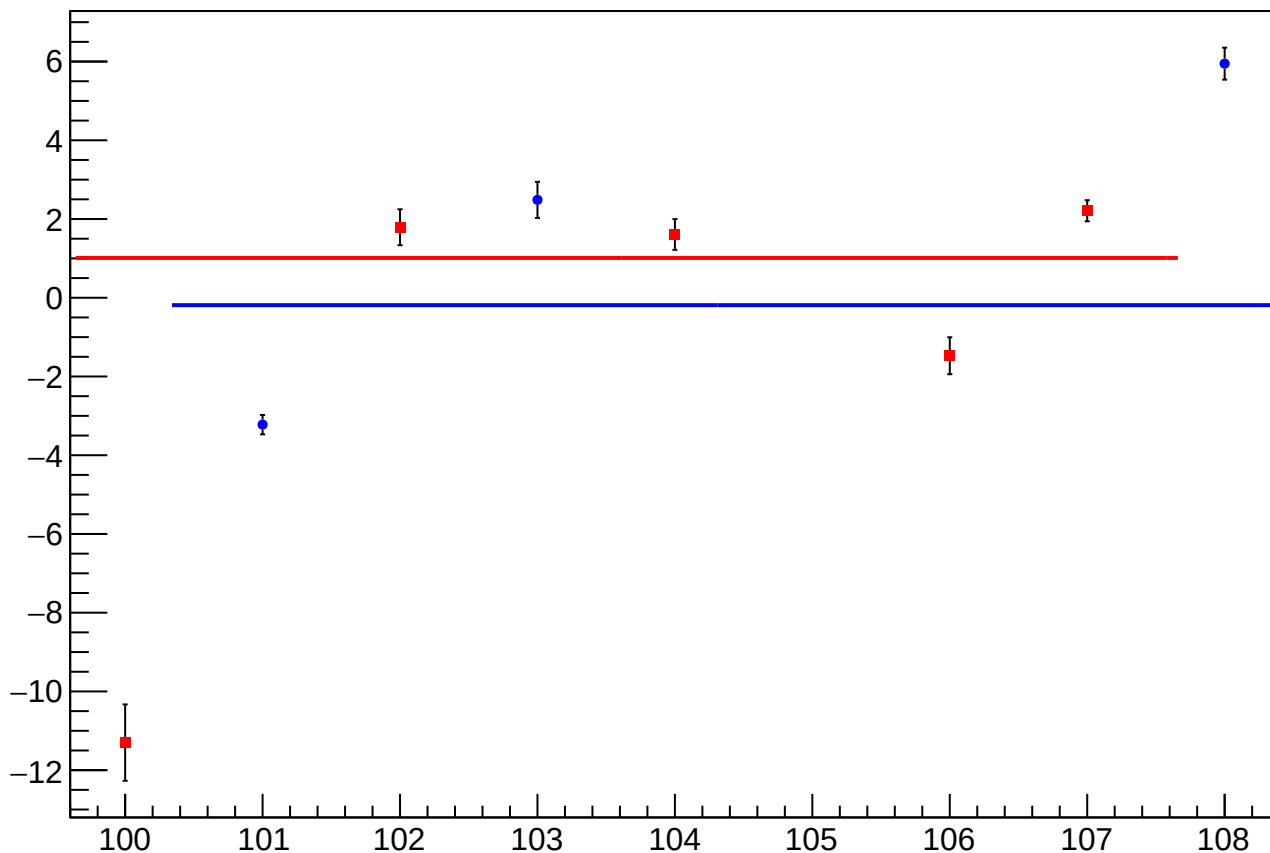
Right: -38.858+/-0.164 χ^2/NDF : 22188.4/7

In: -35.054+/-0.222 χ^2/NDF : 6120.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.858+/-0.164 χ^2/NDF : 22188.4/7

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.188+/-0.191 χ^2 /NDF: 414.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1.012+/-0.180 χ^2 /NDF: 214.5/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

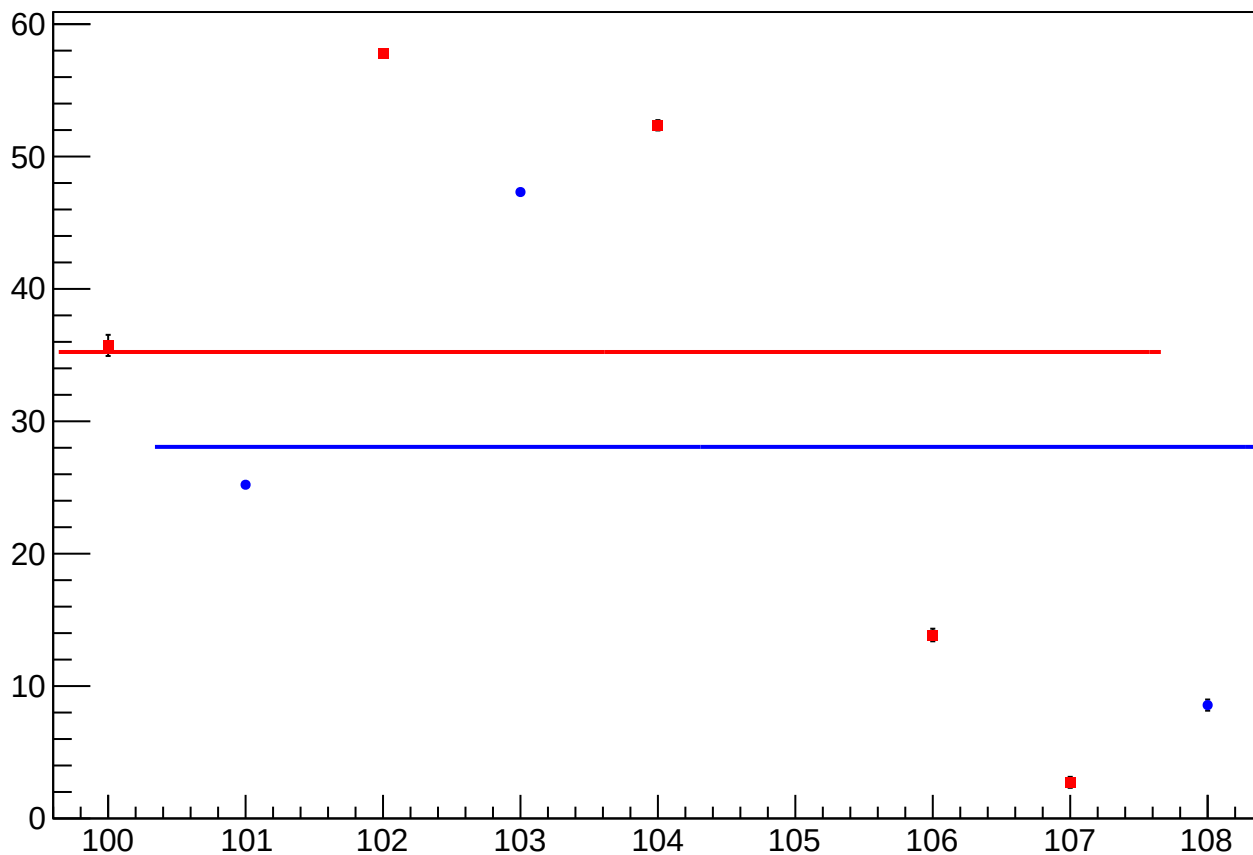
Right: 0.449+/-0.131 χ^2 /NDF: 649.8/7

In: -0.188+/-0.191 χ^2 /NDF:414.4/2

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.449+/-0.131 χ^2 /NDF: 649.8/7

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 28.068+/-0.177 χ^2/NDF : 5382.1/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 35.236+/-0.196 χ^2/NDF : 13969.5/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

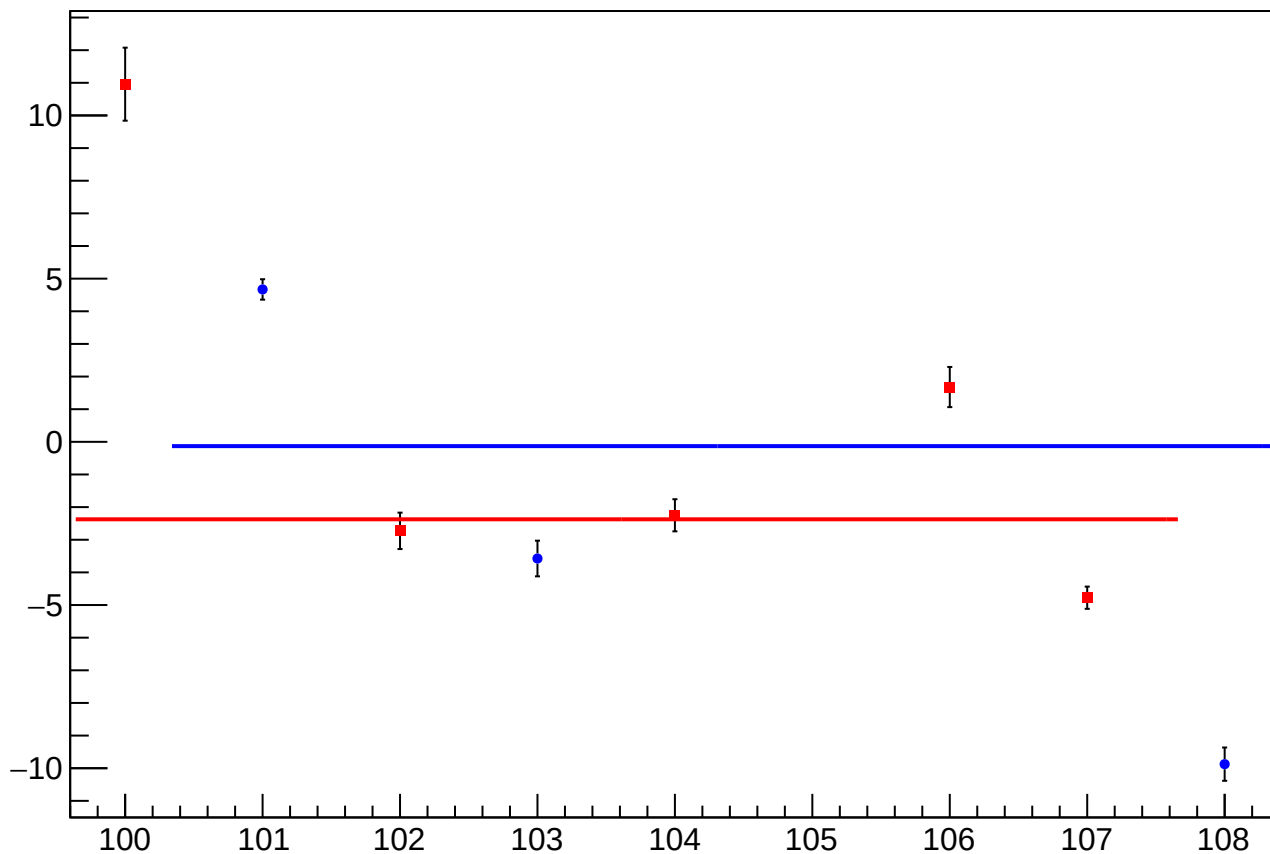
Right: 31.289+/-0.132 χ^2/NDF : 20086.6/7

In: 28.068+/-0.177 χ^2/NDF :5382.1/2

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 31.289+/-0.132 χ^2/NDF : 20086.6/7

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.132 $\pm$ 0.240 χ^2 /NDF: 640.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.373 $\pm$ 0.227 χ^2 /NDF: 235.7/4

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

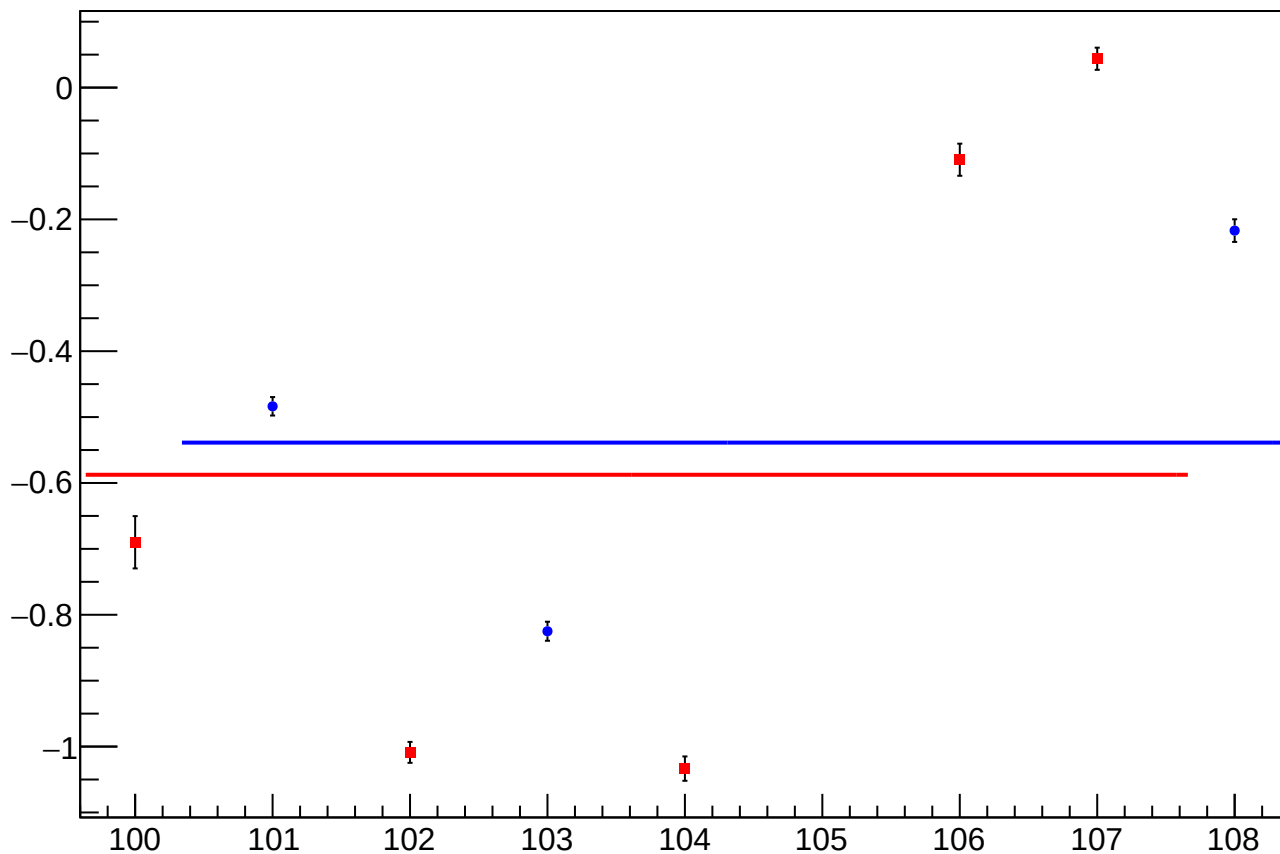
Right: -1.314 $\pm$ 0.165 χ^2 /NDF: 921.8/7

In: -0.132 $\pm$ 0.240 χ^2 /NDF:640.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.314 $\pm$ 0.165 χ^2 /NDF: 921.8/7

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.539+/-0.009 χ^2/NDF : 759.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.588+/-0.009 χ^2/NDF : 3086.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

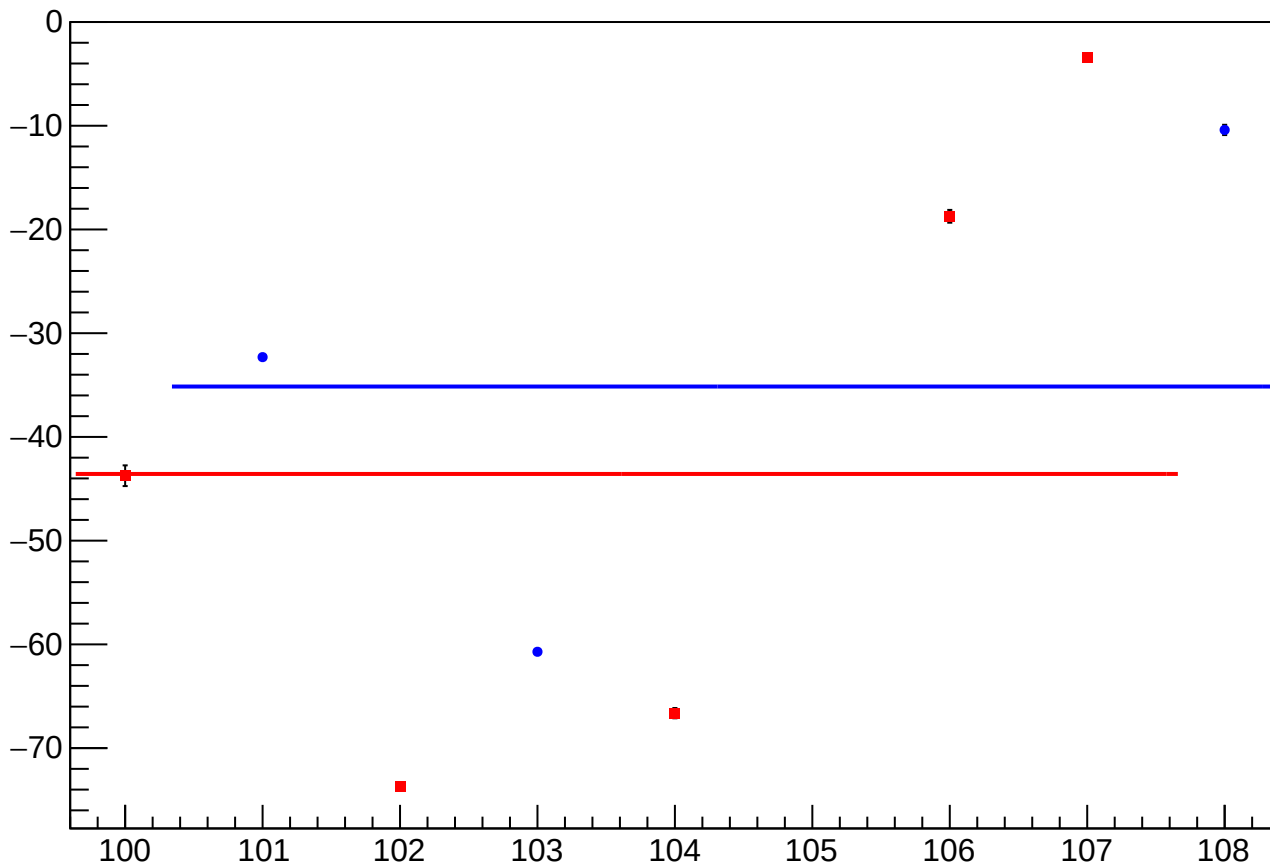
Right: -0.563+/-0.006 χ^2/NDF : 3861.2/7

In: -0.539+/-0.009 χ^2/NDF : 759.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.563+/-0.006 χ^2/NDF : 3861.2/7

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -35.142 $\pm$ 0.224 χ^2 /NDF: 5929.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -43.570 $\pm$ 0.245 χ^2 /NDF: 14859.9/4

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

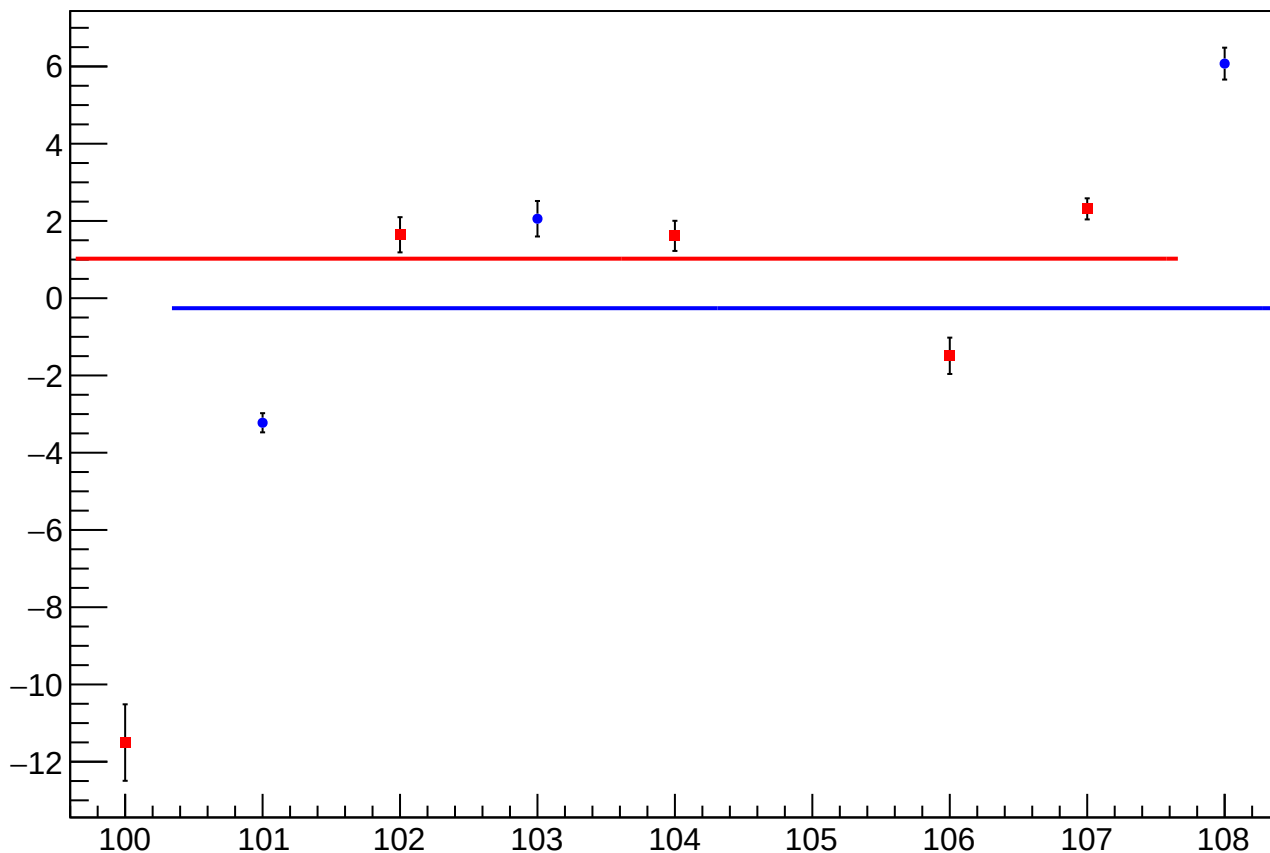
Right: -38.971 $\pm$ 0.165 χ^2 /NDF: 21433.5/7

In: -35.142 $\pm$ 0.224 χ^2 /NDF:5929.5/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -38.971 $\pm$ 0.165 χ^2 /NDF: 21433.5/7

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.259 $\pm$ 0.193 χ^2 /NDF: 403.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.023 $\pm$ 0.182 χ^2 /NDF: 215.1/4

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

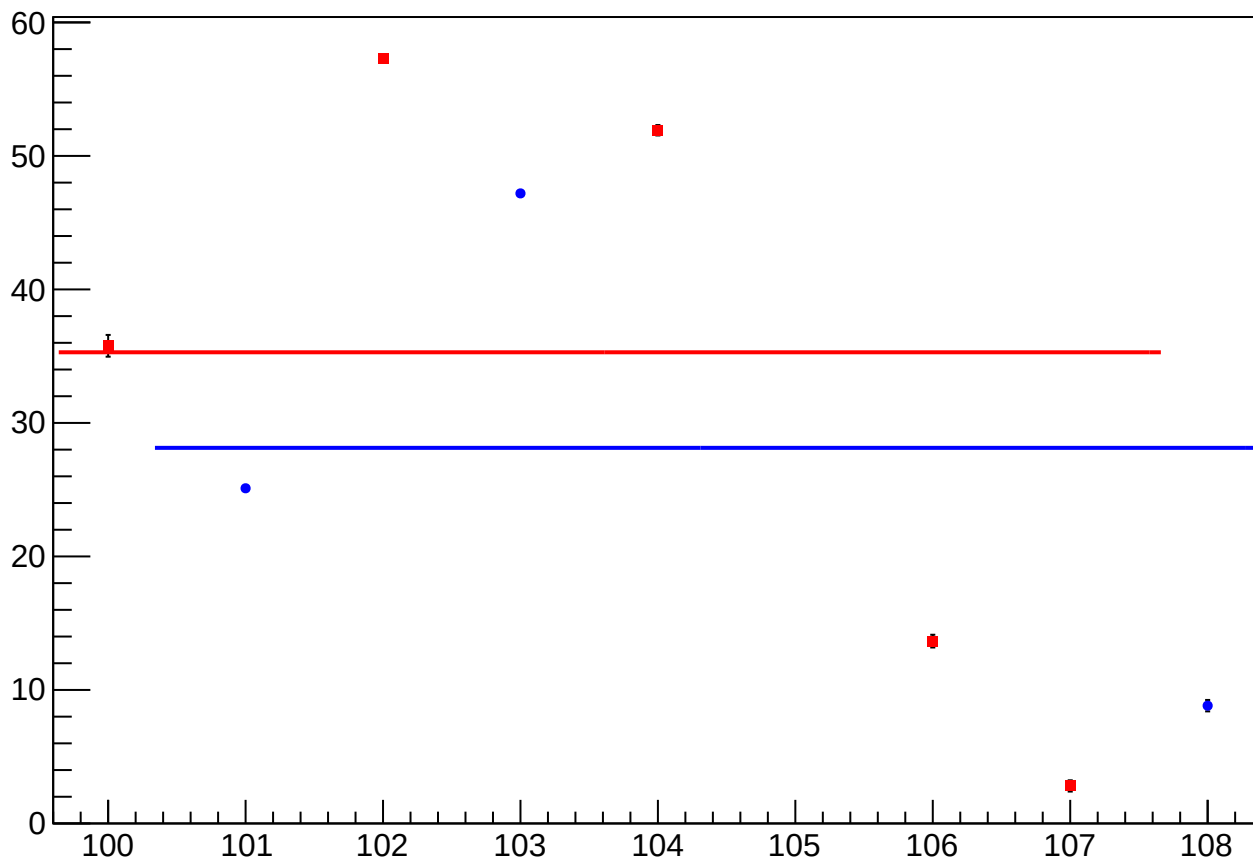
Right: 0.422 $\pm$ 0.132 χ^2 /NDF: 641.7/7

In: -0.259 $\pm$ 0.193 χ^2 /NDF:403.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.422 $\pm$ 0.132 χ^2 /NDF: 641.7/7

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 28.134+/-0.179 χ^2/NDF : 5220.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.291+/-0.197 χ^2/NDF : 13478.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

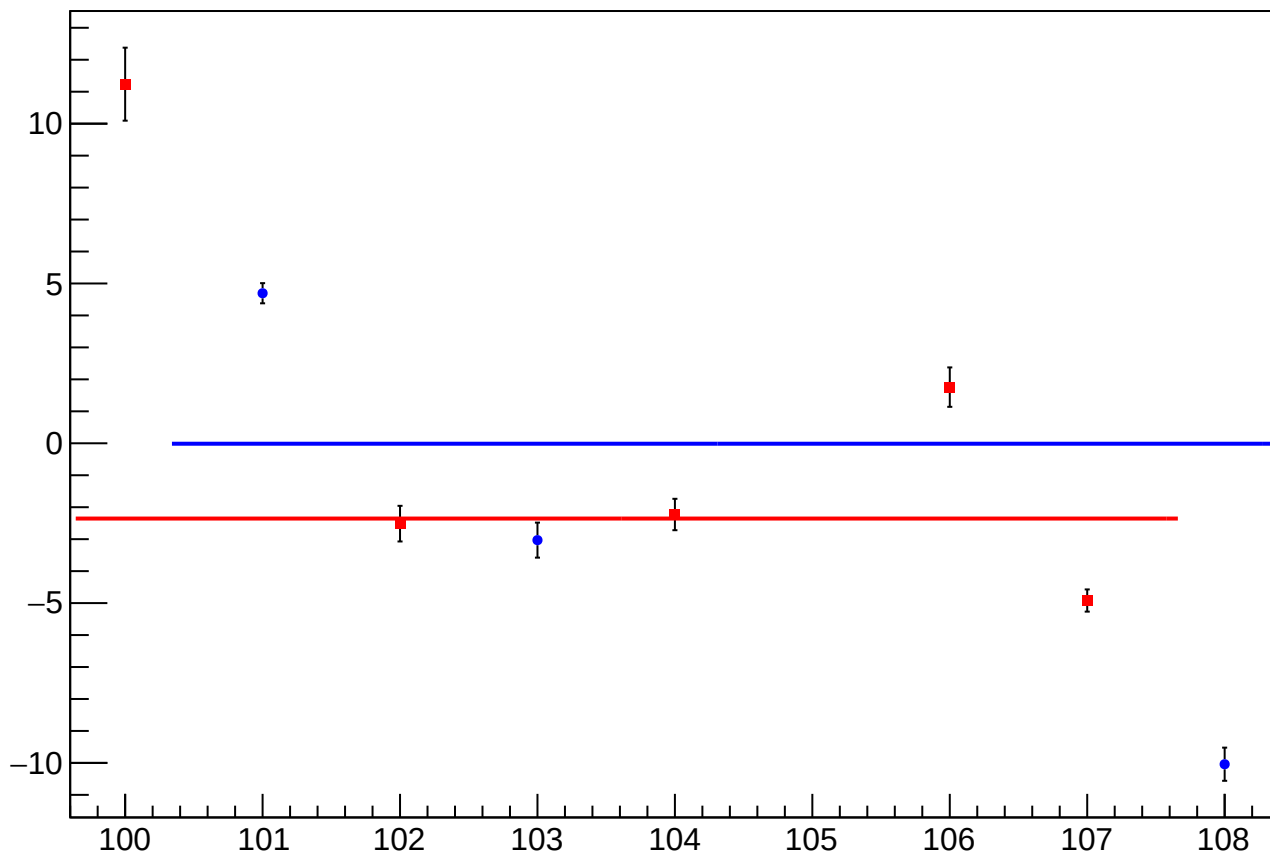
Right: 31.357+/-0.132 χ^2/NDF : 19422.6/7

In: 28.134+/-0.179 χ^2/NDF : 5220.4/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.357+/-0.132 χ^2/NDF : 19422.6/7

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.014 $\pm$ 0.242 χ^2 /NDF: 626.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.355 $\pm$ 0.229 χ^2 /NDF: 240.7/4

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

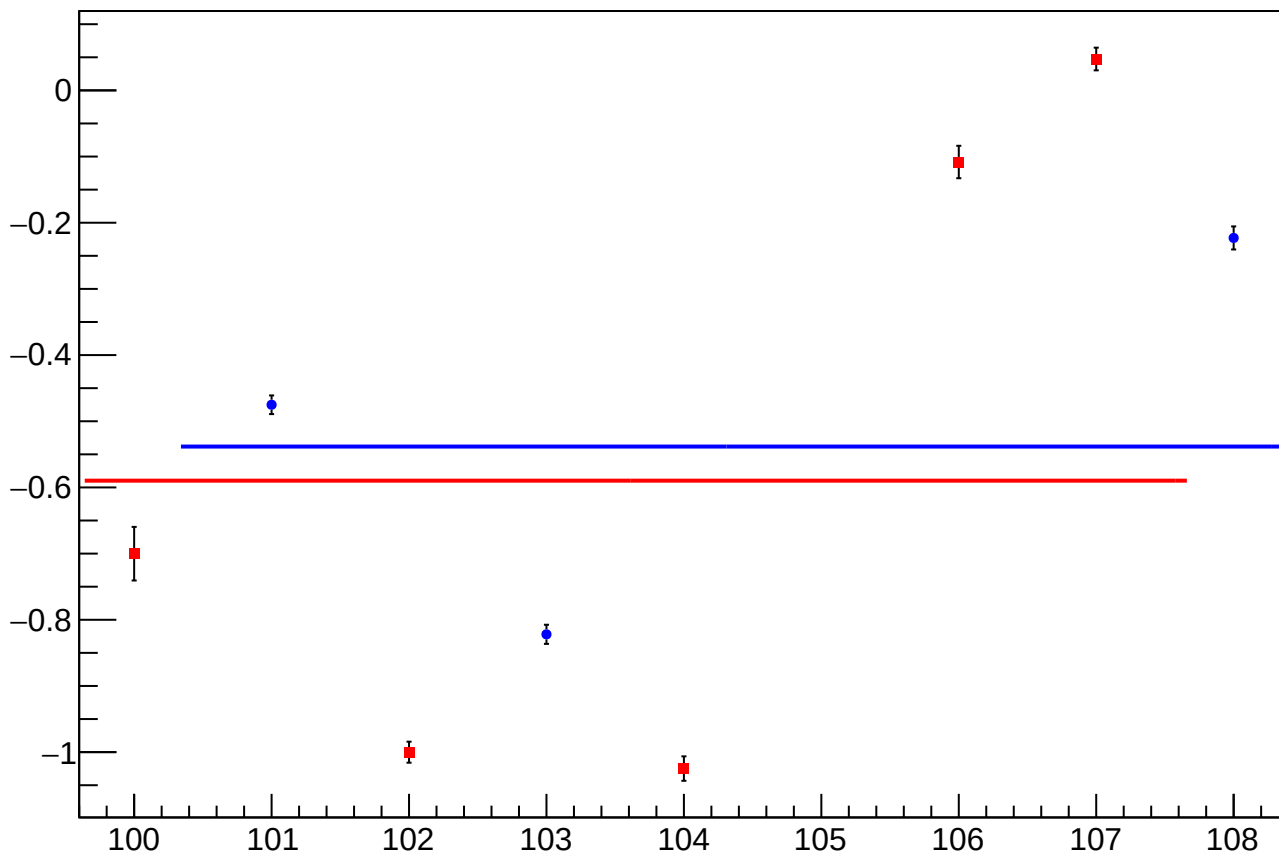
Right: -1.248 $\pm$ 0.166 χ^2 /NDF: 916.8/7

In: -0.014 $\pm$ 0.242 χ^2 /NDF:626.7/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.248 $\pm$ 0.166 χ^2 /NDF: 916.8/7

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.538 $\pm$ 0.009 χ^2 /NDF: 732.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.590 $\pm$ 0.009 χ^2 /NDF: 2998.8/4

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

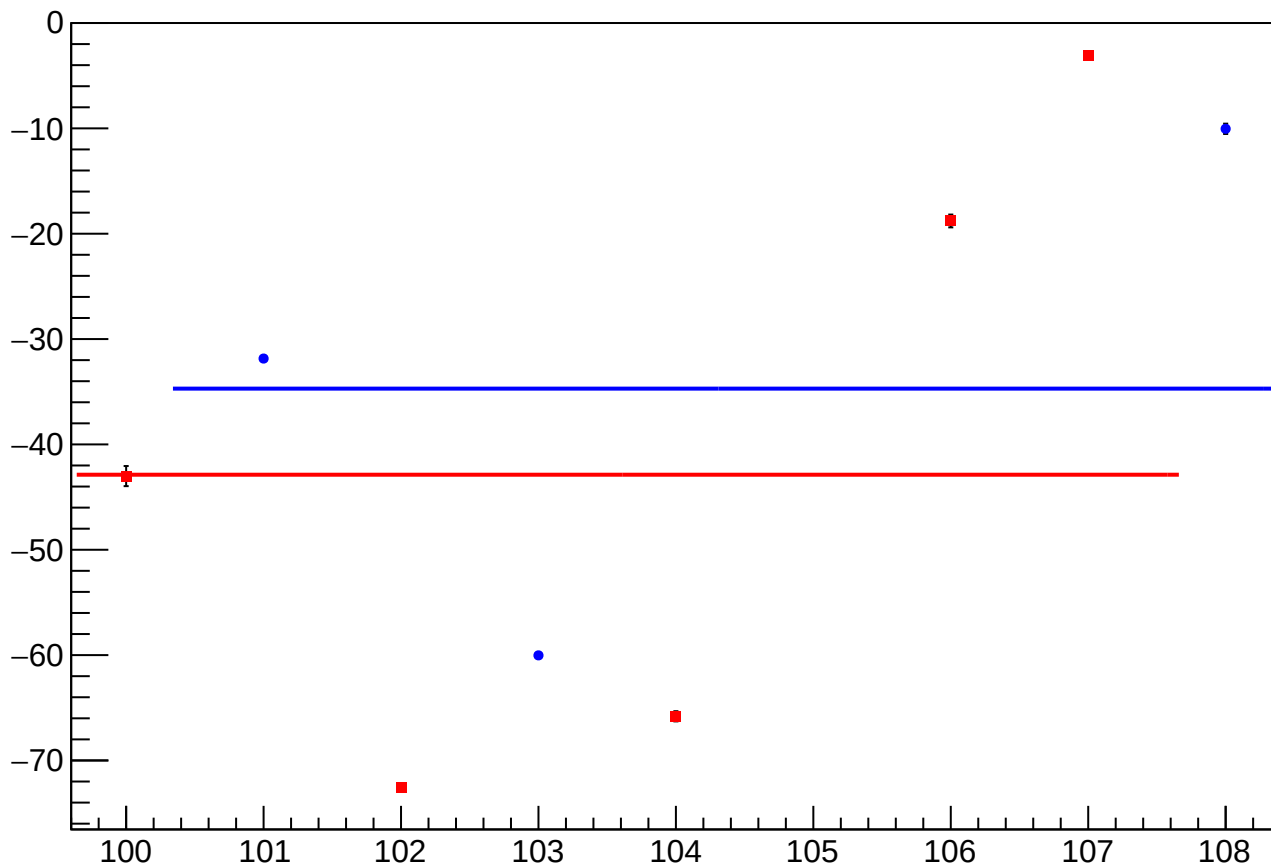
Right: -0.563 $\pm$ 0.006 χ^2 /NDF: 3748.2/7

In: -0.538 $\pm$ 0.009 χ^2 /NDF:732.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.563 $\pm$ 0.006 χ^2 /NDF: 3748.2/7

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -34.704 $\pm$ 0.218 χ^2 /NDF: 6086.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -42.877 $\pm$ 0.239 χ^2 /NDF: 15277.5/4

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

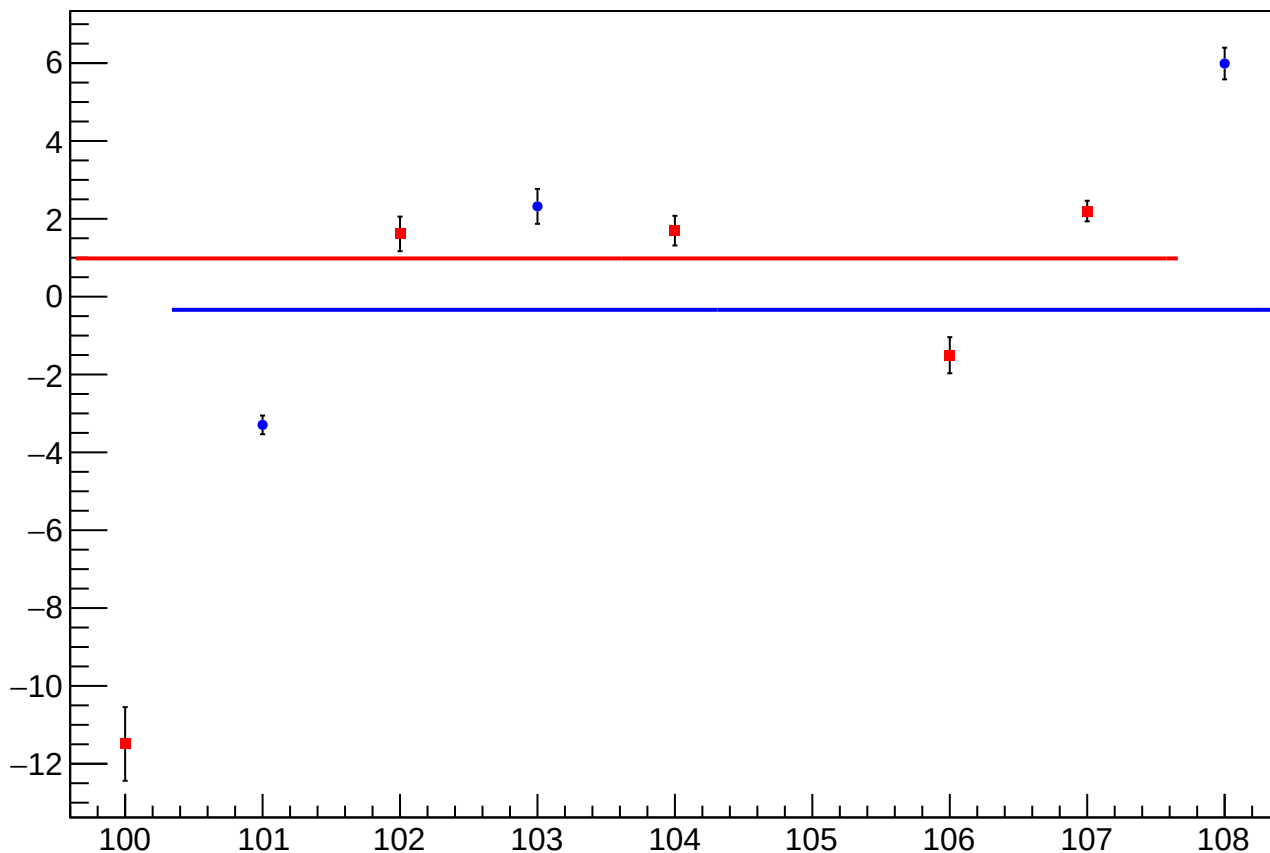
Right: -38.411 $\pm$ 0.161 χ^2 /NDF: 22003.1/7

In: -34.704 $\pm$ 0.218 χ^2 /NDF:6086.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -38.411 $\pm$ 0.161 χ^2 /NDF: 22003.1/7

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.338 ± 0.188 χ^2/NDF : 428.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.982 ± 0.177 χ^2/NDF : 229.2/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

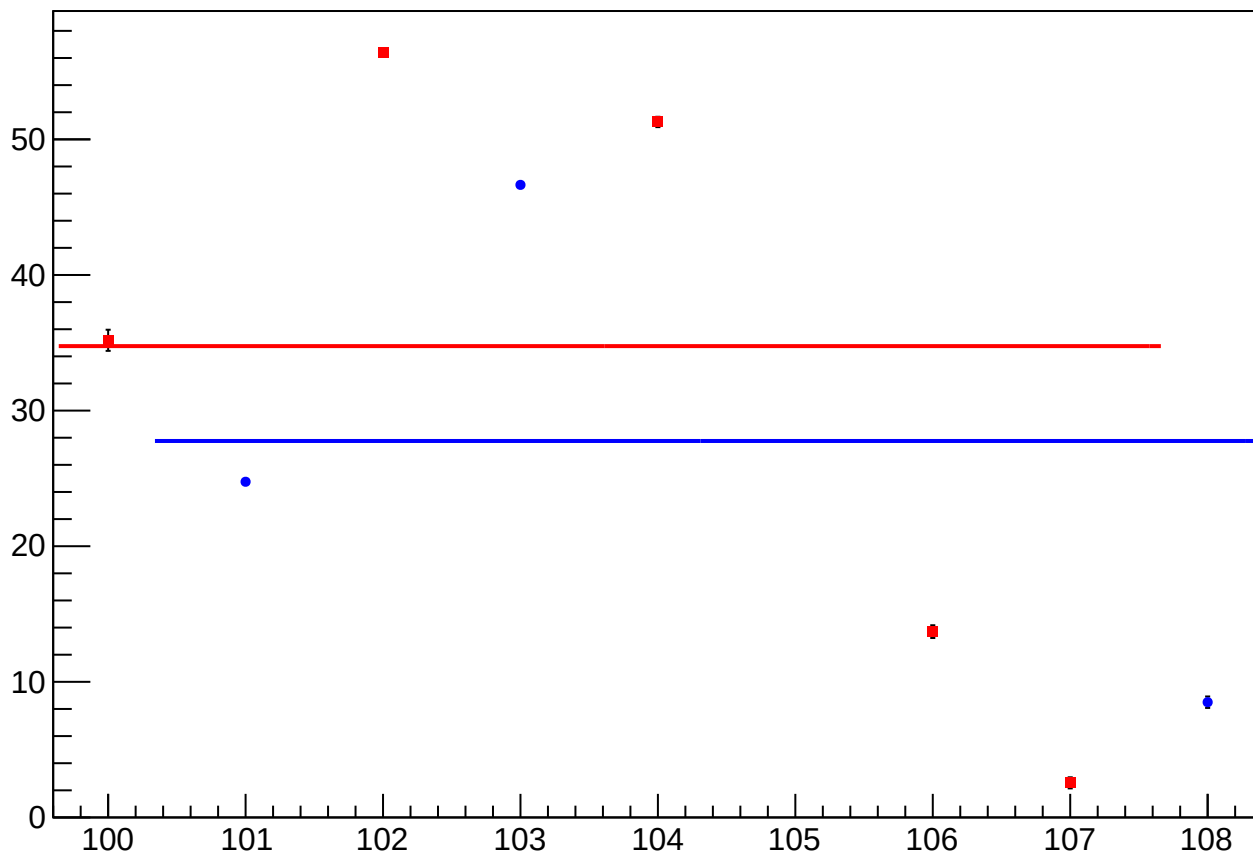
Right: 0.362 ± 0.129 χ^2/NDF : 683.9/7

In: -0.338 ± 0.188 χ^2/NDF : 428.6/2

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.362 ± 0.129 χ^2/NDF : 683.9/7

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.760 $\pm$ 0.174 χ^2 /NDF: 5366.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 34.755 $\pm$ 0.192 χ^2 /NDF: 13837.2/4

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

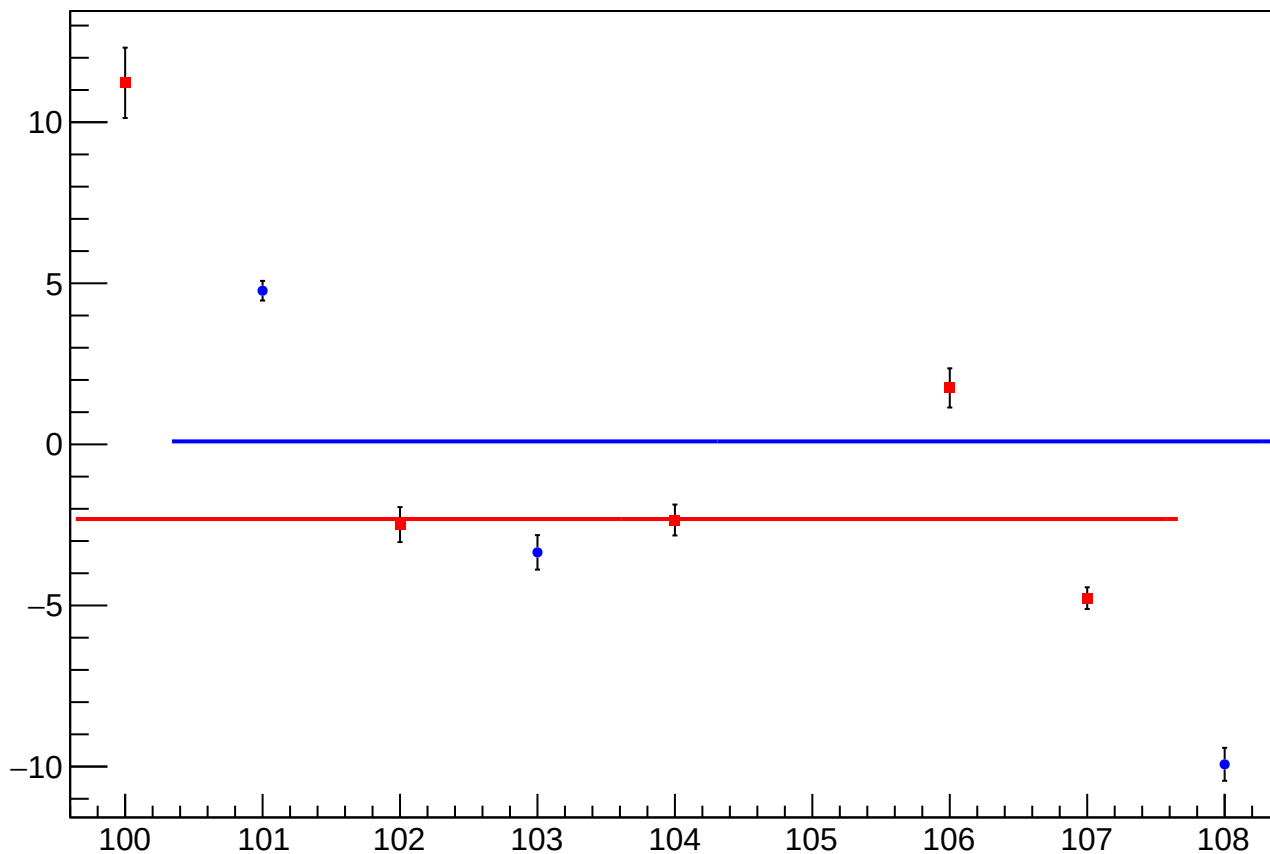
Right: 30.901 $\pm$ 0.129 χ^2 /NDF: 19932.7/7

In: 27.760 $\pm$ 0.174 χ^2 /NDF:5366.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 30.901 $\pm$ 0.129 χ^2 /NDF: 19932.7/7

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.093 ± 0.235 $\chi^2/\text{NDF}: 661.0/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -2.316 ± 0.223 $\chi^2/\text{NDF}: 251.9/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

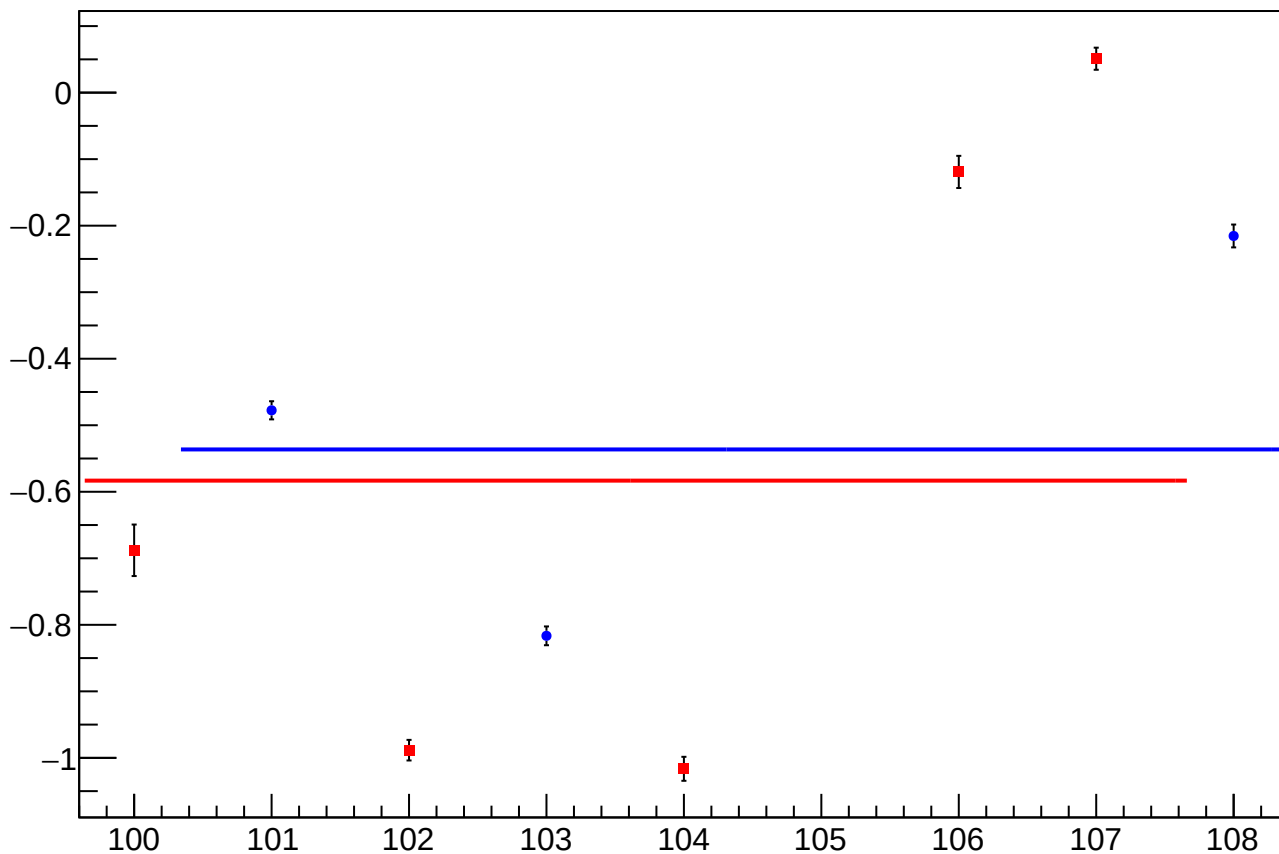
Right: -1.176 ± 0.162 $\chi^2/\text{NDF}: 968.2/7$

In: 0.093 ± 0.235 $\chi^2/\text{NDF}: 661.0/2$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.176 ± 0.162 $\chi^2/\text{NDF}: 968.2/7$

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.536+/-0.009 χ^2/NDF : 761.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.583+/-0.009 χ^2/NDF : 3096.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

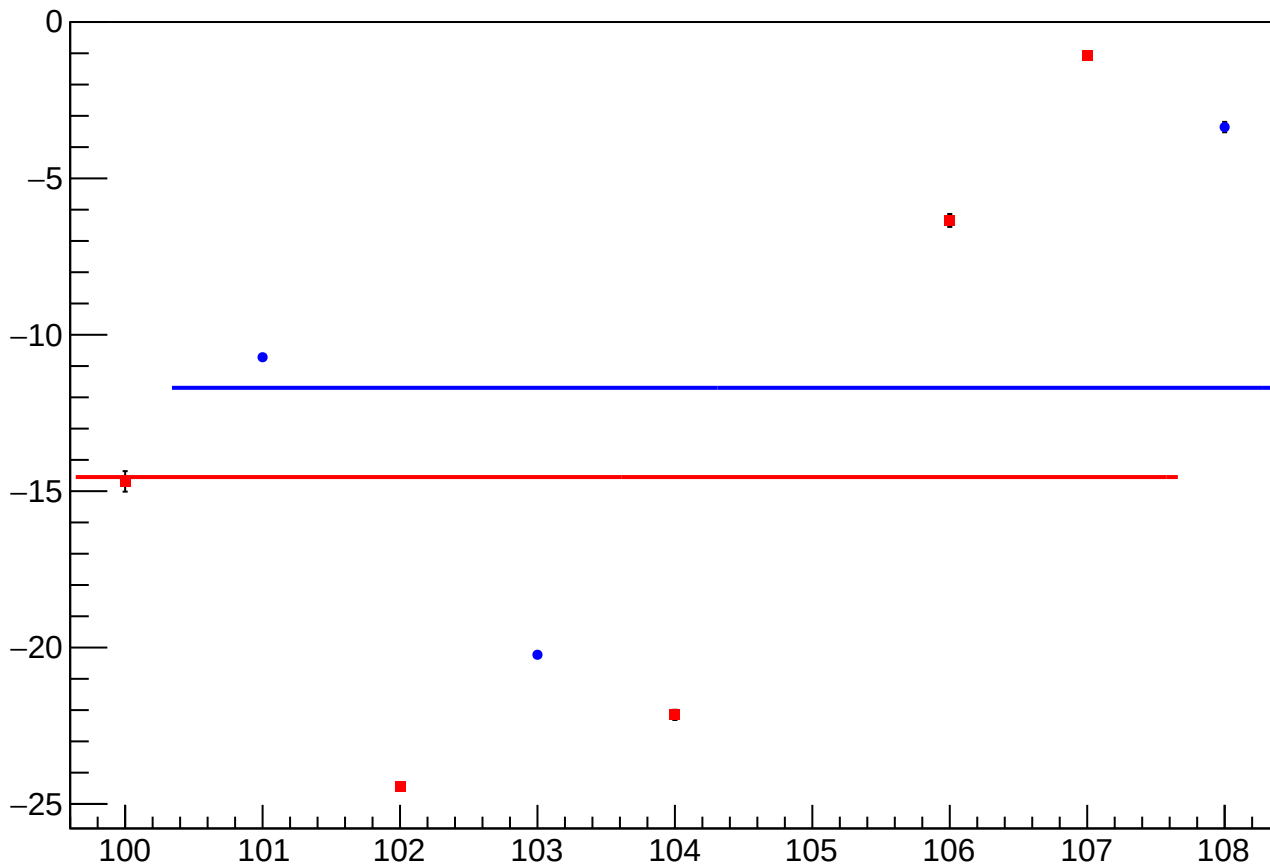
Right: -0.559+/-0.006 χ^2/NDF : 3872.2/7

In: -0.536+/-0.009 χ^2/NDF : 761.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.559+/-0.006 χ^2/NDF : 3872.2/7

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -11.696 $\pm$ 0.074 χ^2 /NDF: 6040.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -14.549 $\pm$ 0.081 χ^2 /NDF: 14945.3/4

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

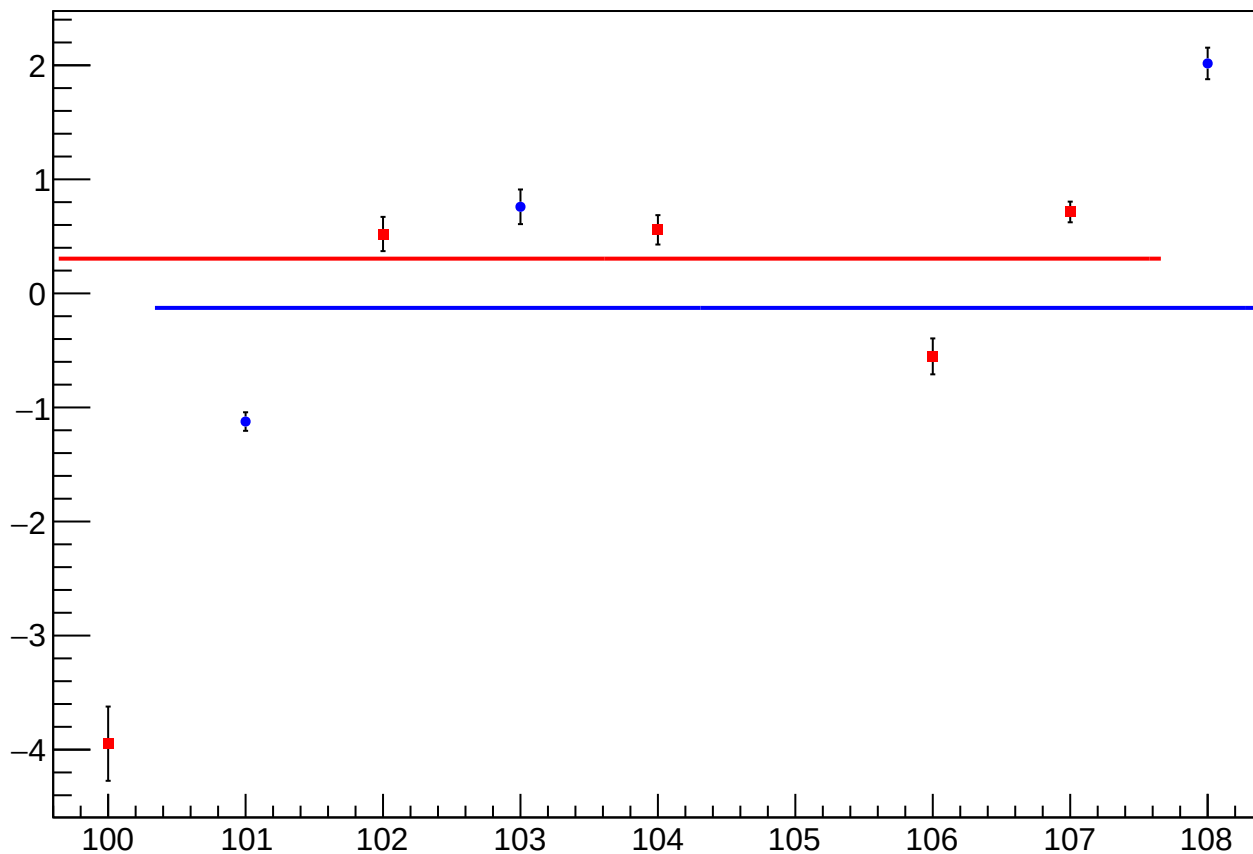
Right: -12.986 $\pm$ 0.055 χ^2 /NDF: 21661.8/7

In: -11.696 $\pm$ 0.074 χ^2 /NDF:6040.3/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -12.986 $\pm$ 0.055 χ^2 /NDF: 21661.8/7

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.127 $\pm$ 0.064 χ^2 /NDF: 424.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.305 $\pm$ 0.060 χ^2 /NDF: 226.7/4

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

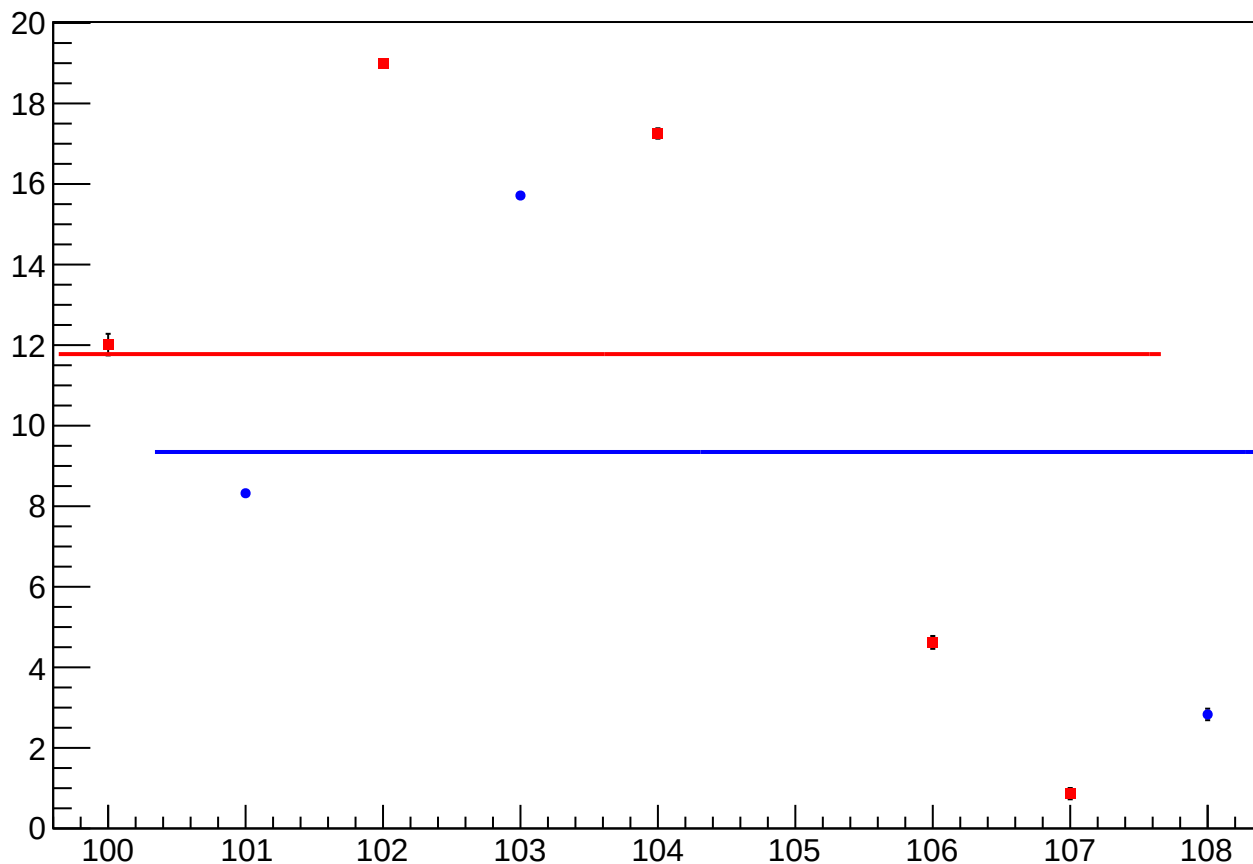
Right: 0.101 $\pm$ 0.044 χ^2 /NDF: 675.9/7

In: -0.127 $\pm$ 0.064 χ^2 /NDF:424.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.101 $\pm$ 0.044 χ^2 /NDF: 675.9/7

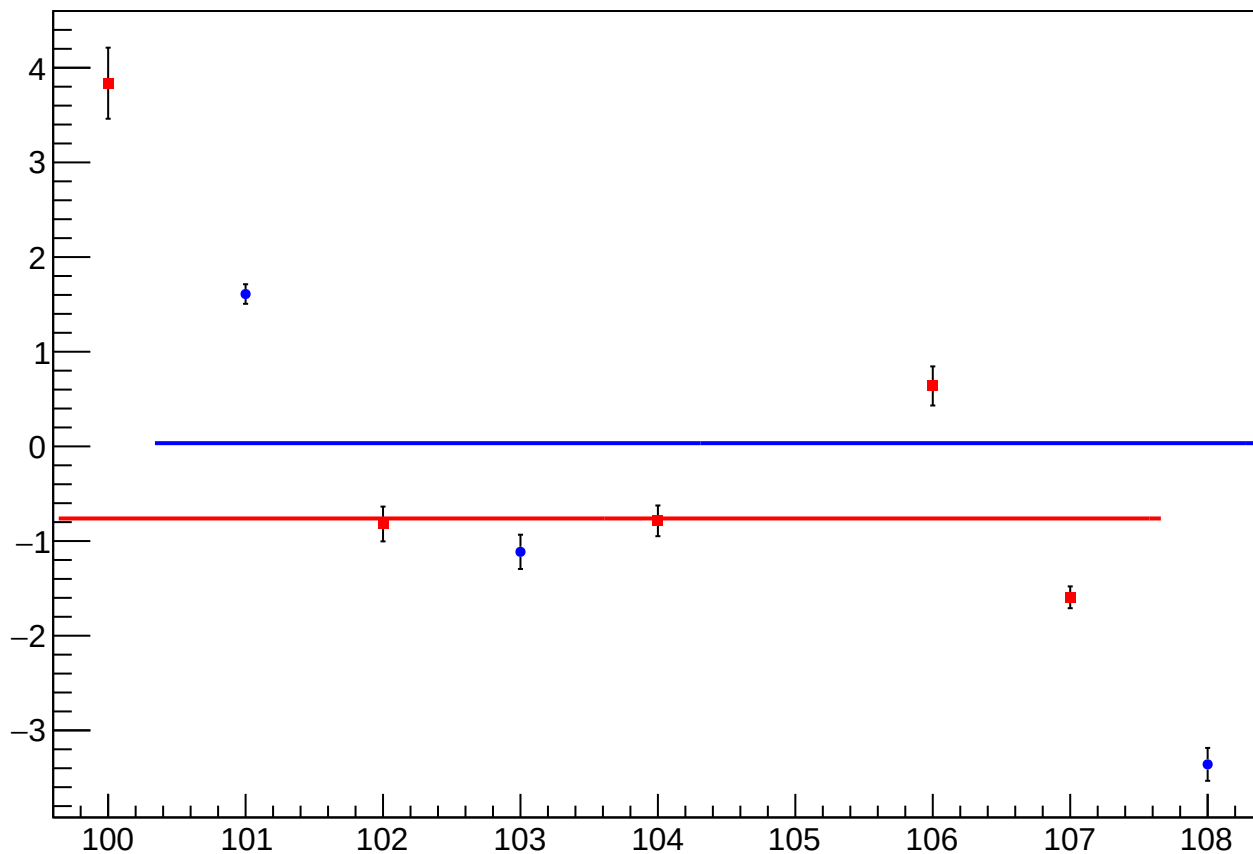
reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 9.347 $\pm$ 0.059 χ^2 /NDF: 5330.9/2
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 11.777 $\pm$ 0.065 χ^2 /NDF: 13536.7/4
 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: 10.436 $\pm$ 0.044 χ^2 /NDF: 19632.2/7
 In: 9.347 $\pm$ 0.059 χ^2 /NDF:5330.9/2
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 10.436 $\pm$ 0.044 χ^2 /NDF: 19632.2/7

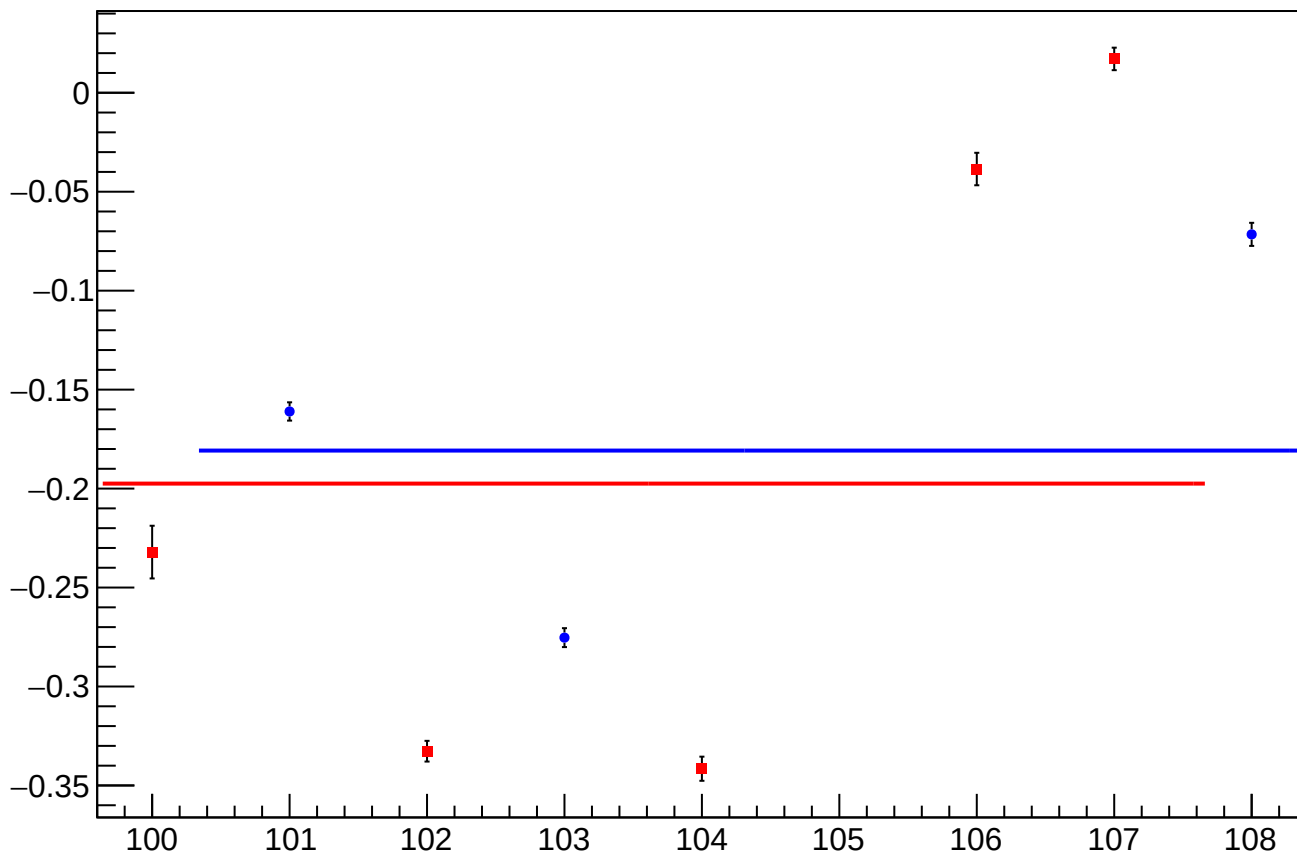
reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.034+/-0.080 χ^2/NDF : 654.8/2
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -0.761+/-0.076 χ^2/NDF : 248.4/4
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.383+/-0.055 χ^2/NDF : 955.4/7
 In: 0.034+/-0.080 χ^2/NDF :654.8/2
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -0.383+/-0.055 χ^2/NDF : 955.4/7

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.181 $\pm$ 0.003 χ^2 /NDF: 760.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.197 $\pm$ 0.003 χ^2 /NDF: 3032.8/4

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

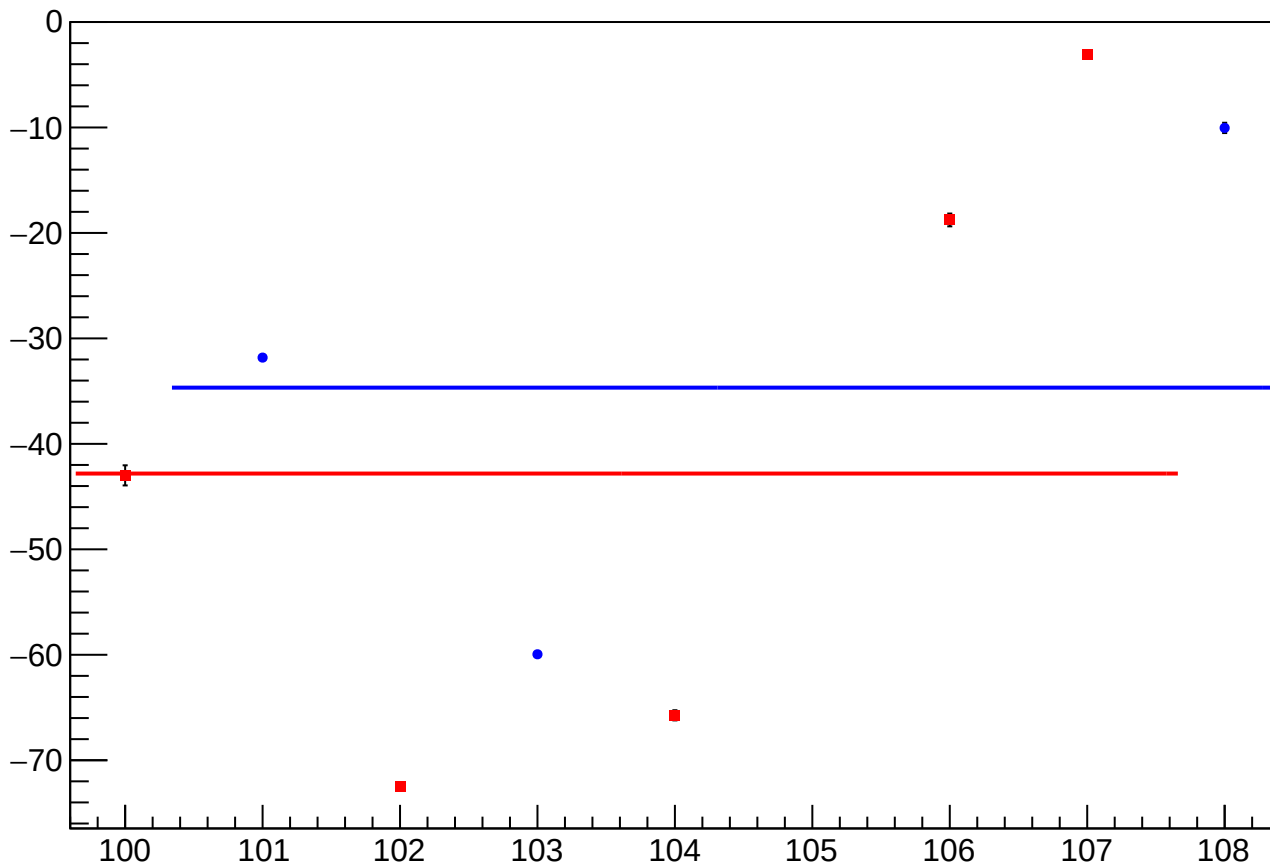
Right: -0.189 $\pm$ 0.002 χ^2 /NDF: 3809.3/7

In: -0.181 $\pm$ 0.003 χ^2 /NDF:760.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.189 $\pm$ 0.002 χ^2 /NDF: 3809.3/7

reg_asym_bcm_an_us_an_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -34.669 $\pm$ 0.218 χ^2 /NDF: 6082.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -42.816 $\pm$ 0.239 χ^2 /NDF: 15291.3/4

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

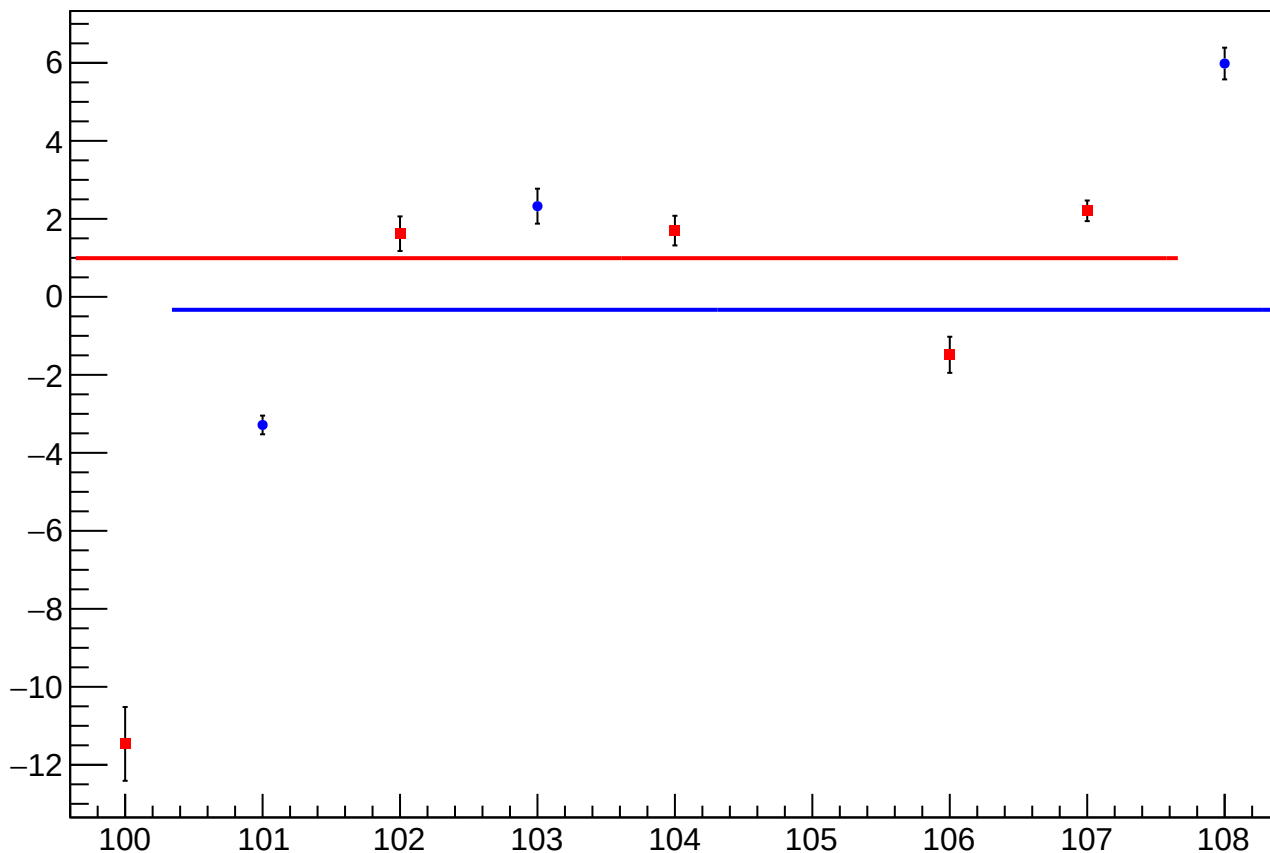
Right: -38.365 $\pm$ 0.161 χ^2 /NDF: 22010.5/7

In: -34.669 $\pm$ 0.218 χ^2 /NDF:6082.8/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -38.365 $\pm$ 0.161 χ^2 /NDF: 22010.5/7

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.332+/-0.188 χ^2/NDF : 428.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.992+/-0.176 χ^2/NDF : 228.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

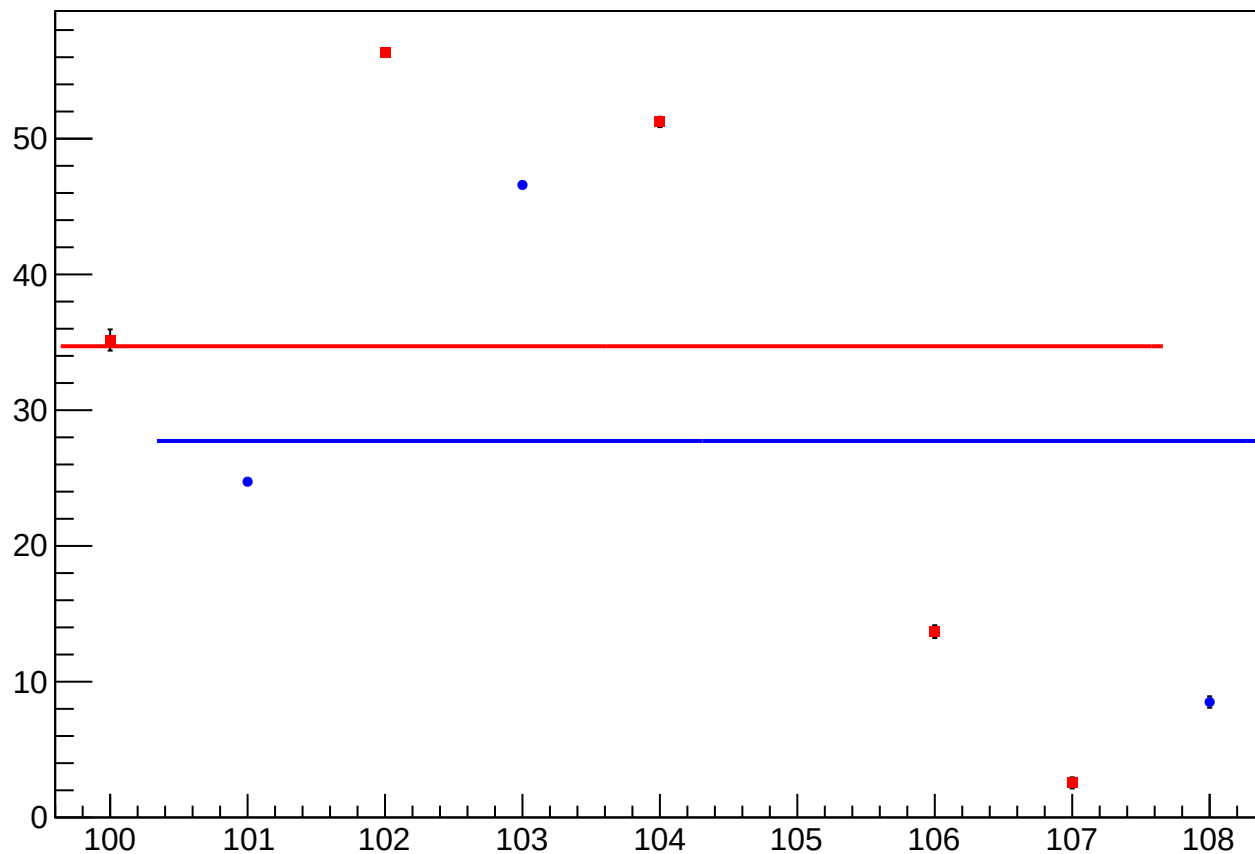
Right: 0.370+/-0.129 χ^2/NDF : 683.2/7

In: -0.332+/-0.188 χ^2/NDF : 428.2/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.370+/-0.129 χ^2/NDF : 683.2/7

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.734+/-0.173 χ^2/NDF : 5361.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.710+/-0.192 χ^2/NDF : 13849.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

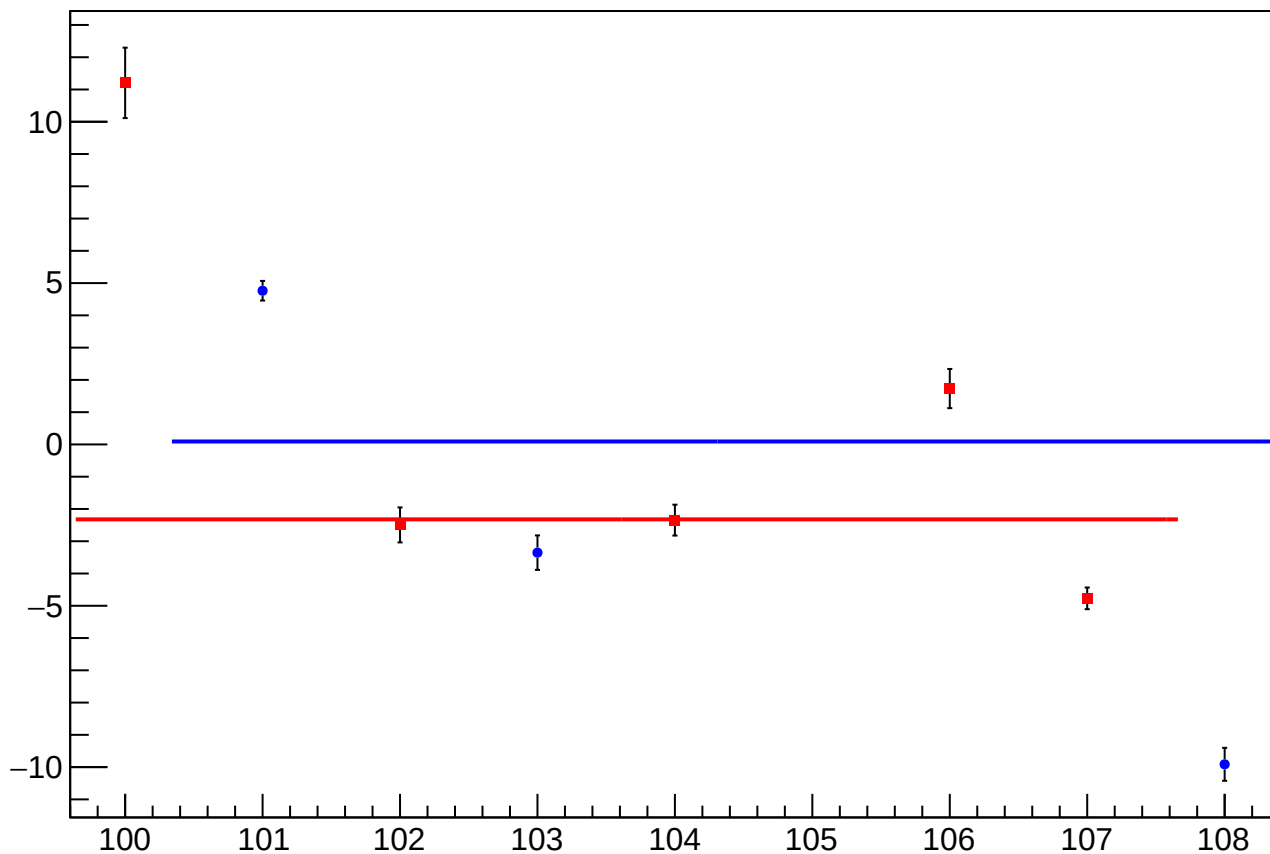
Right: 30.868+/-0.129 χ^2/NDF : 19938.1/7

In: 27.734+/-0.173 χ^2/NDF : 5361.9/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.868+/-0.129 χ^2/NDF : 19938.1/7

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.091+/-0.235 χ^2/NDF : 660.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.322+/-0.223 χ^2/NDF : 251.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

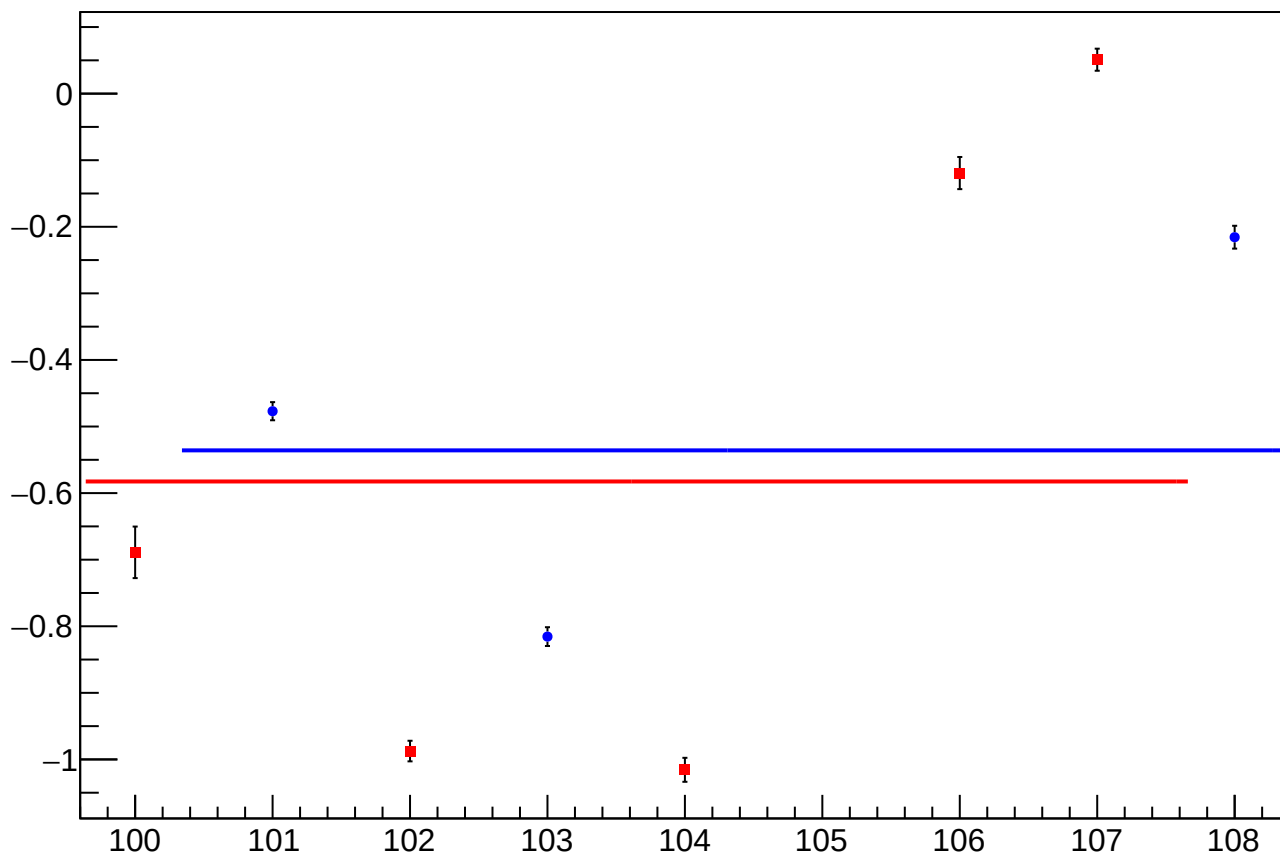
Right: -1.180+/-0.162 χ^2/NDF : 967.5/7

In: 0.091+/-0.235 χ^2/NDF : 660.5/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.180+/-0.162 χ^2/NDF : 967.5/7

reg_asym_bcm_an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.536+/-0.009 χ^2/NDF : 759.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.583+/-0.009 χ^2/NDF : 3099.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

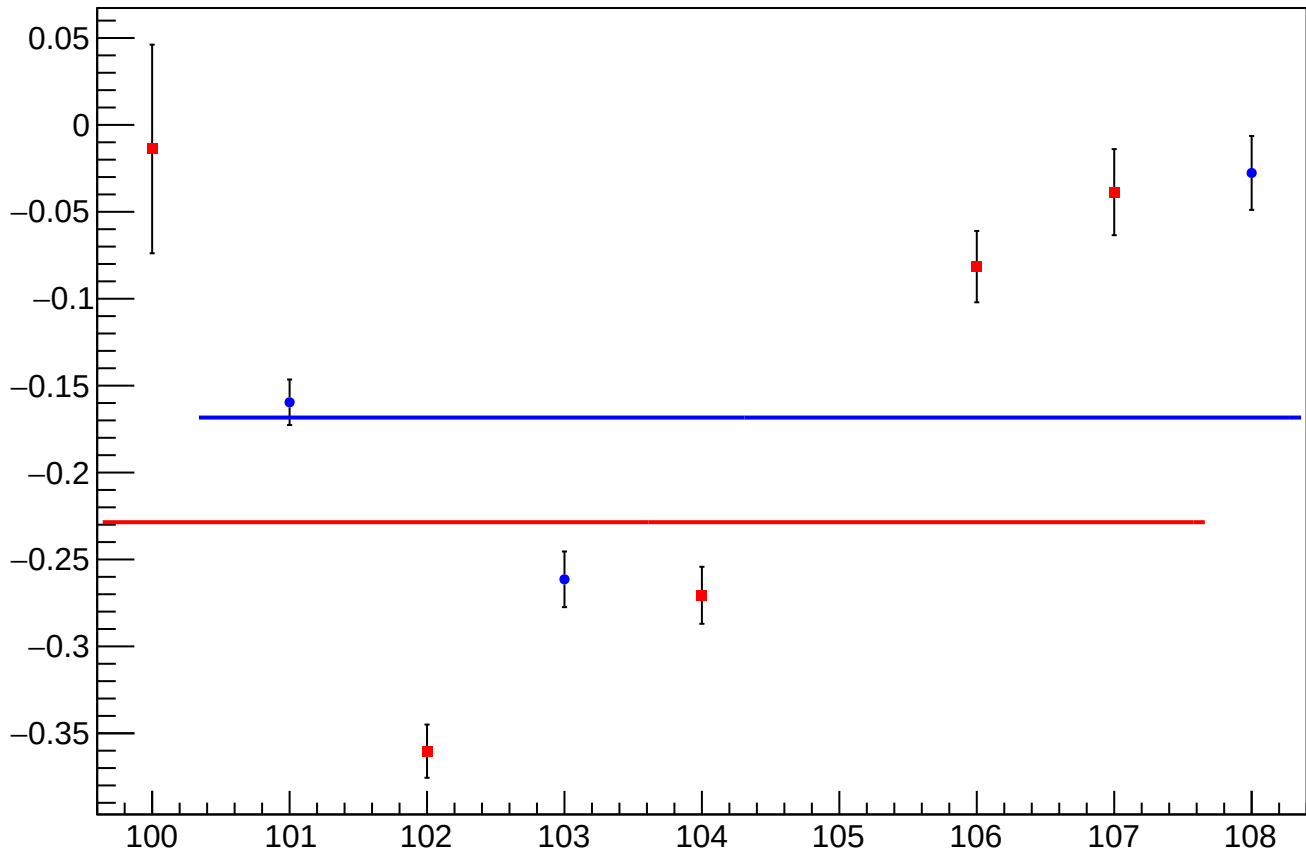
Right: -0.559+/-0.006 χ^2/NDF : 3874.1/7

In: -0.536+/-0.009 χ^2/NDF : 759.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.559+/-0.006 χ^2/NDF : 3874.1/7

reg_asym_bcm_an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.168+/-0.009 χ^2/NDF : 78.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.229+/-0.009 χ^2/NDF : 203.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

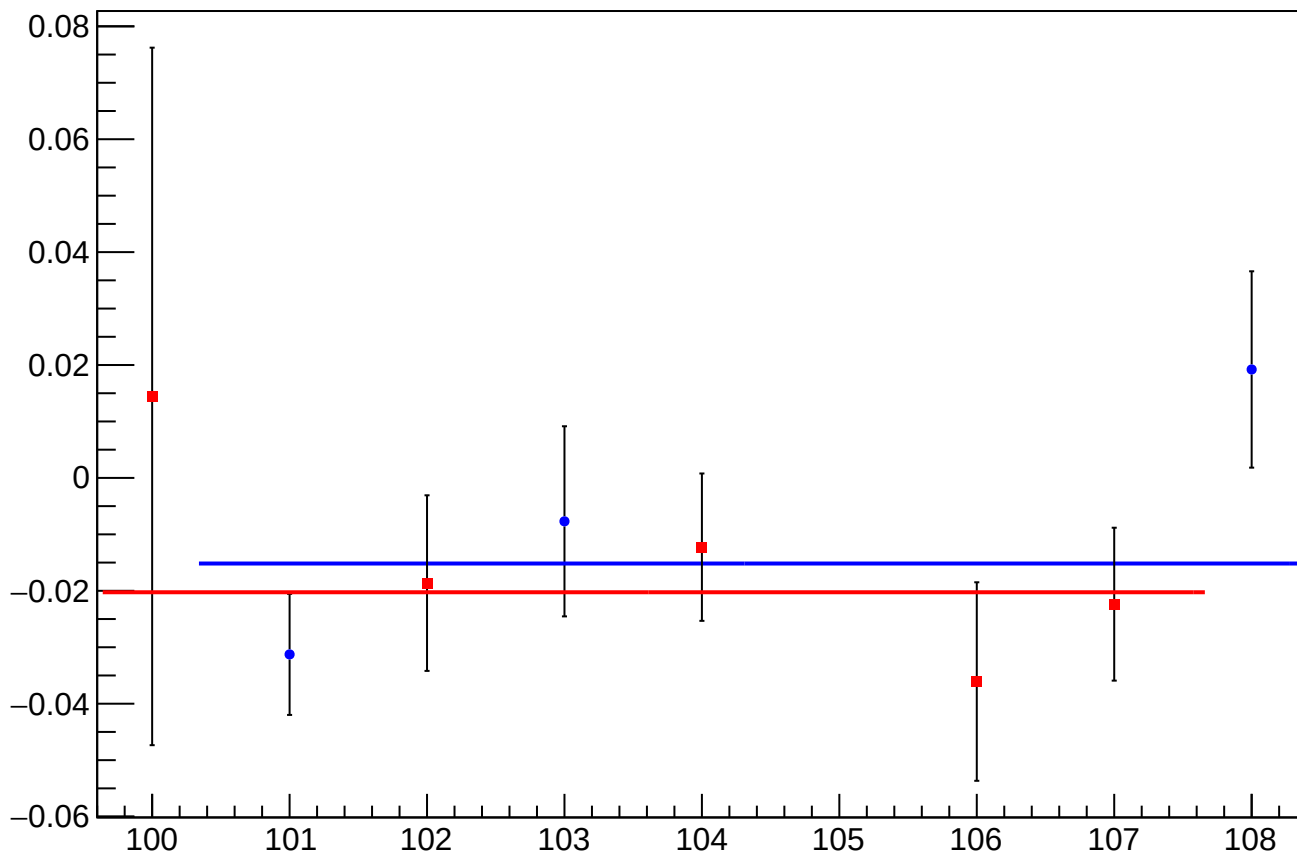
Right: -0.199+/-0.006 χ^2/NDF : 303.4/7

In: -0.168+/-0.009 χ^2/NDF : 78.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.199+/-0.006 χ^2/NDF : 303.4/7

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.015 $\pm$ 0.008 χ^2 /NDF: 6.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.020 $\pm$ 0.007 χ^2 /NDF: 1.5/4

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

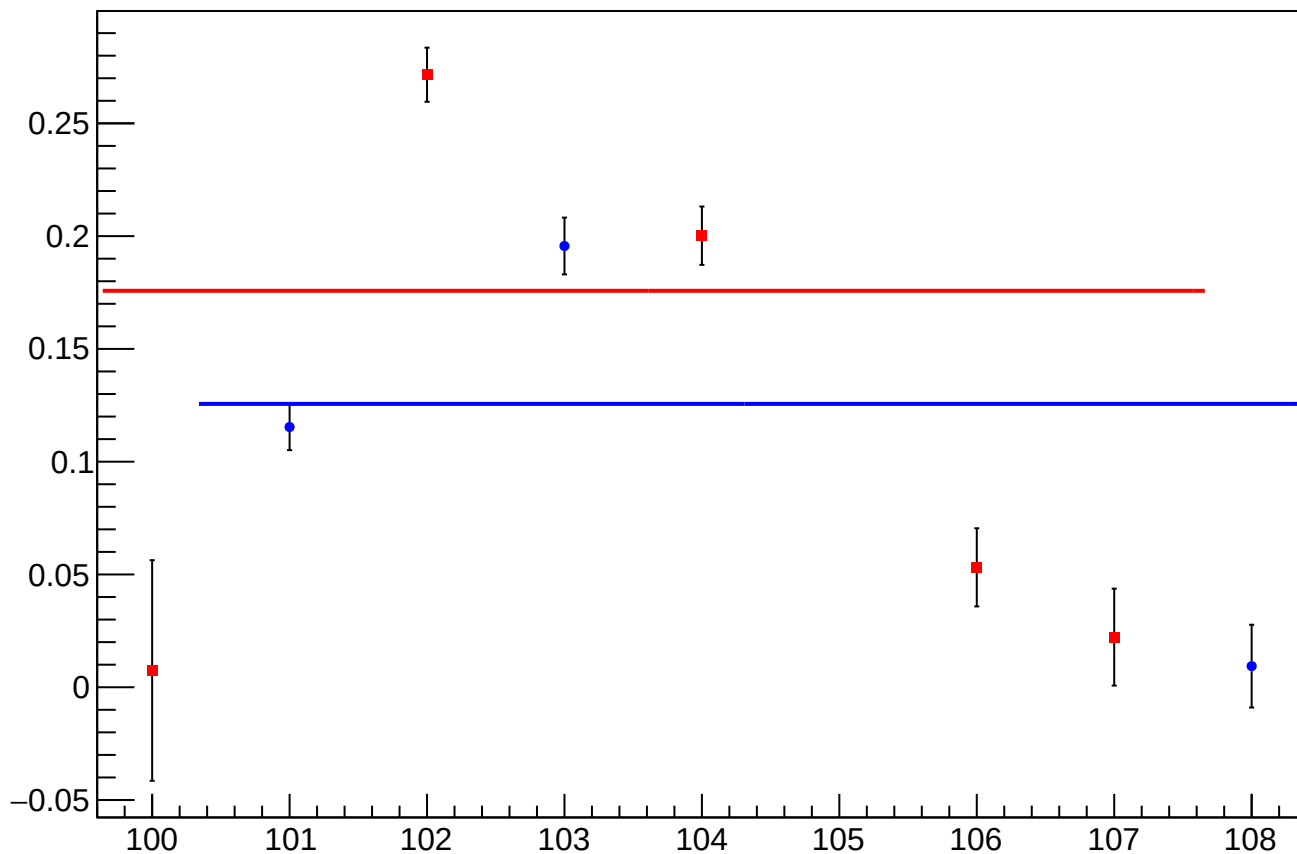
Right: -0.018 $\pm$ 0.005 χ^2 /NDF: 8.1/7

In: -0.015 $\pm$ 0.008 χ^2 /NDF:6.4/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.005 χ^2 /NDF: 8.1/7

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.126+/-0.007 χ^2/NDF : 72.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.176+/-0.007 χ^2/NDF : 180.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

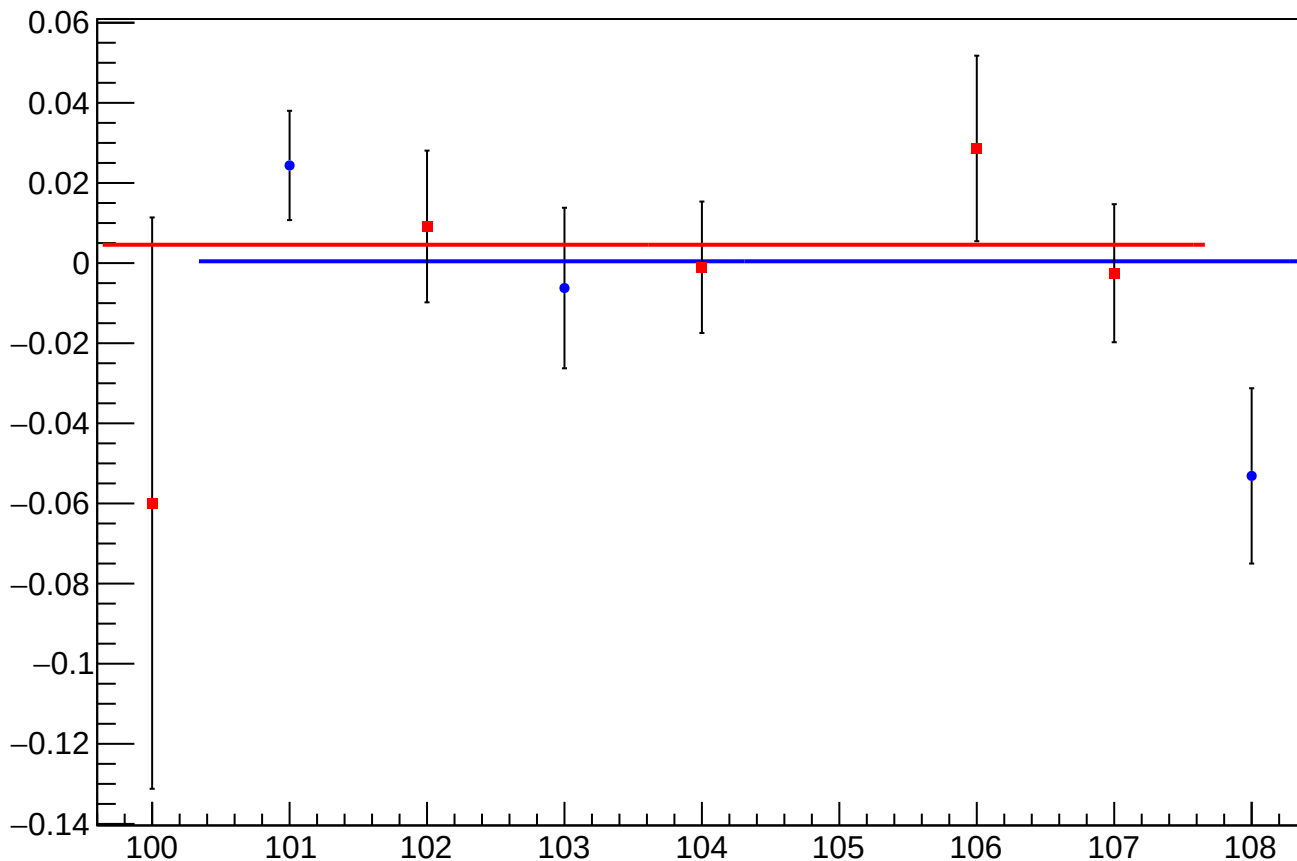
Right: 0.151+/-0.005 χ^2/NDF : 276.1/7

In: 0.126+/-0.007 χ^2/NDF : 72.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.151+/-0.005 χ^2/NDF : 276.1/7

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.010 χ^2 /NDF: 9.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.005 $\pm$ 0.009 χ^2 /NDF: 2.2/4

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

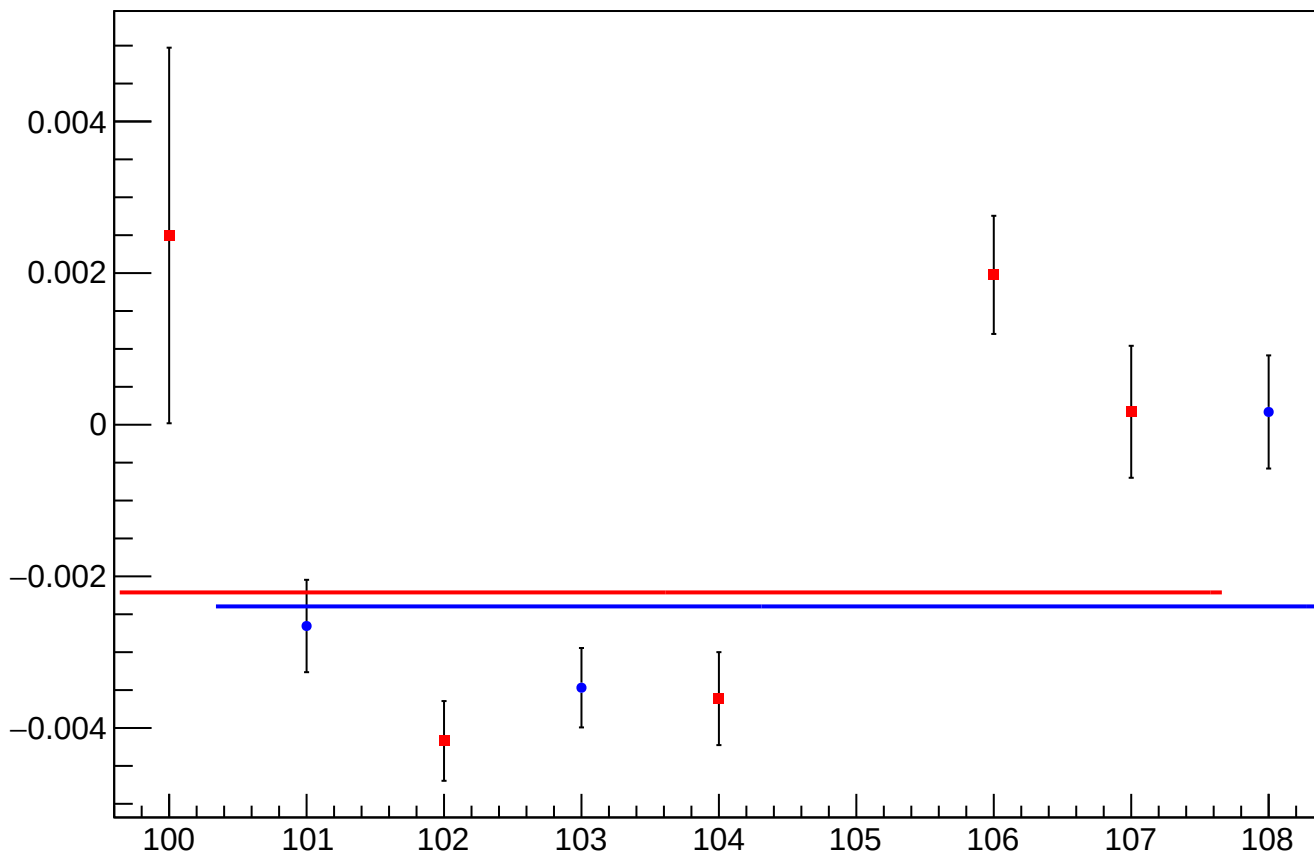
Right: 0.003 $\pm$ 0.007 χ^2 /NDF: 11.5/7

In: 0.000 $\pm$ 0.010 χ^2 /NDF: 9.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.007 χ^2 /NDF: 11.5/7

reg_asym_bcm_an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.000 χ^2 /NDF: 16.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.002 $\pm$ 0.000 χ^2 /NDF: 59.1/4

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

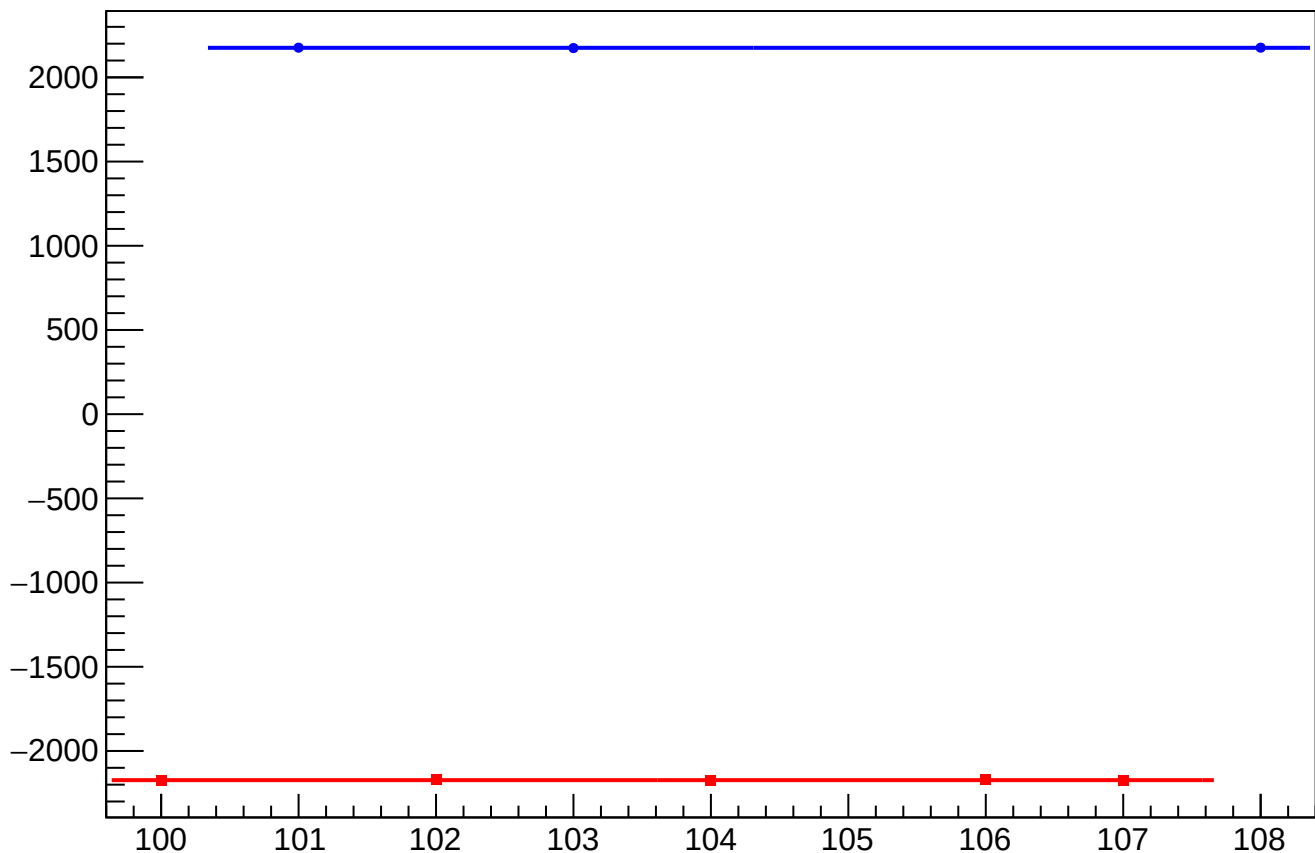
Right: -0.002 $\pm$ 0.000 χ^2 /NDF: 75.4/7

In: -0.002 $\pm$ 0.000 χ^2 /NDF: 16.2/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

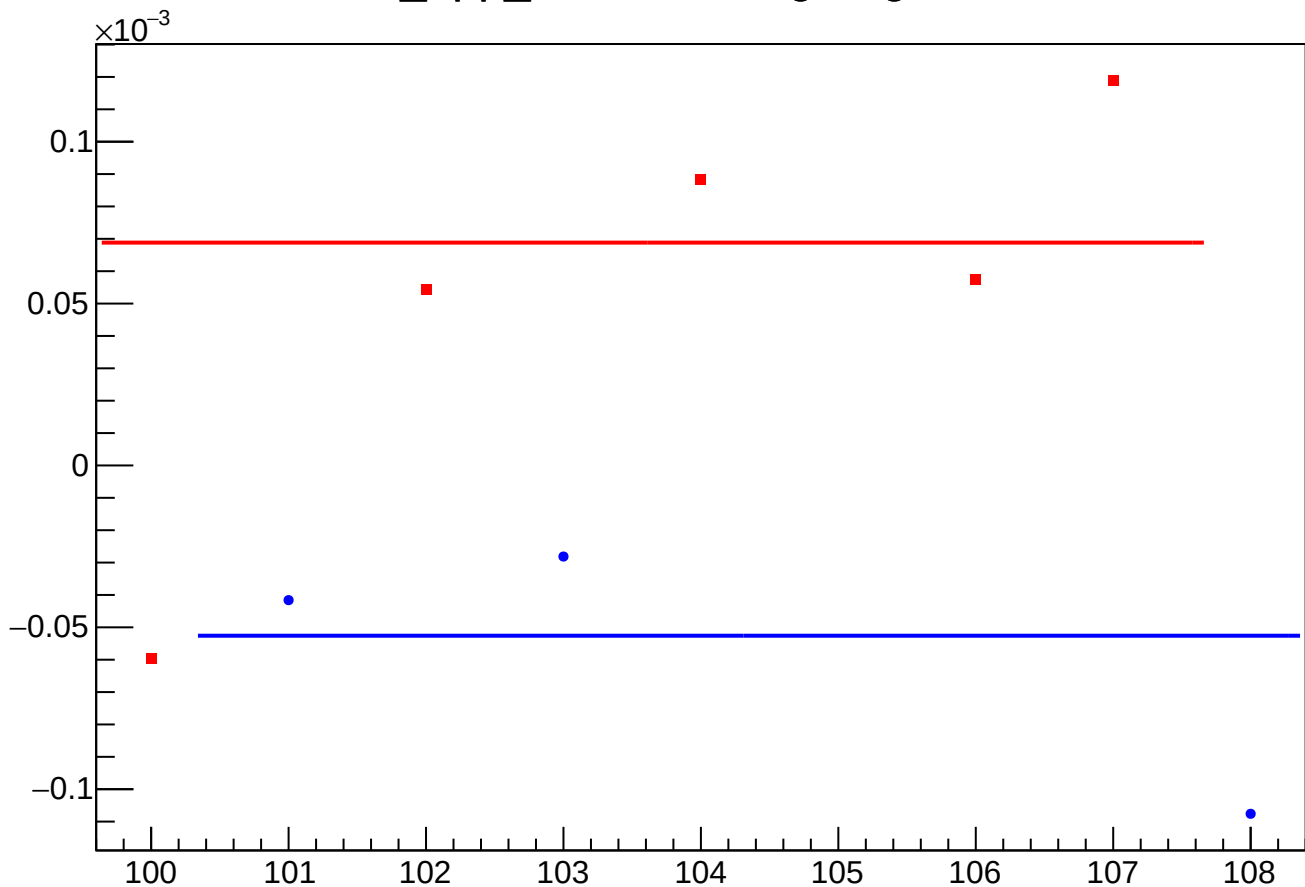
All: -0.002 $\pm$ 0.000 χ^2 /NDF: 75.4/7

HALLA_p_mean vs Slug, Sign Corrected



Right In: 2175.484+/-0.000 χ^2/NDF : 189787821679805103721318539329536.0/2
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -2173.227+/-0.000 χ^2/NDF : 1927898619608668436944566353920000.0/4
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -102.995+/-0.000 χ^2/NDF : 16745300950229

HALLA_dpp_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000

χ^2/NDF : 169580866848105152118784.0/2

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000

χ^2/NDF : 214573977051772103950336.0/4

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.000+/-0.000

χ^2/NDF : 16895701122820457

In: -0.000+/-0.000

χ^2/NDF : 169580866848105152

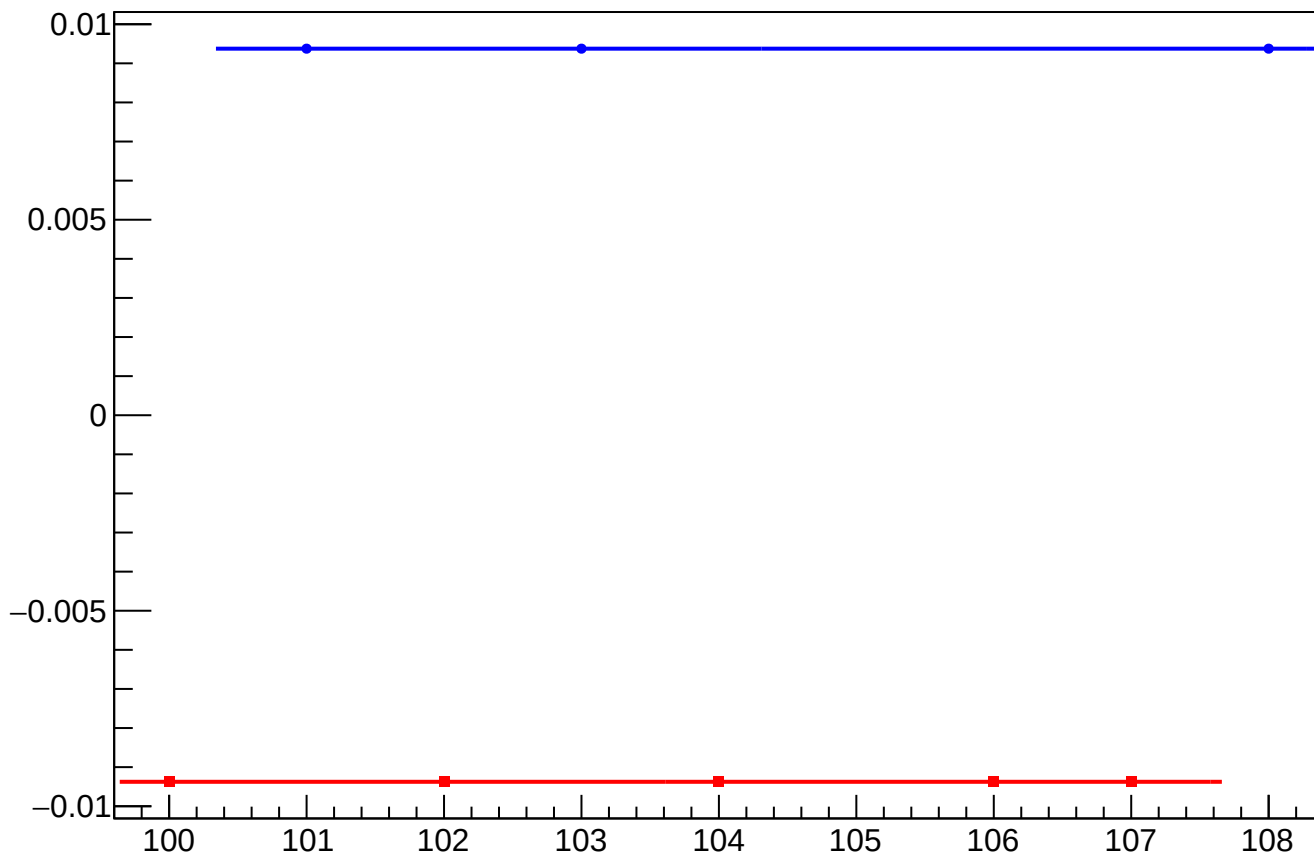
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.000+/-0.000

χ^2/NDF : 16895701122820

MQ171LM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

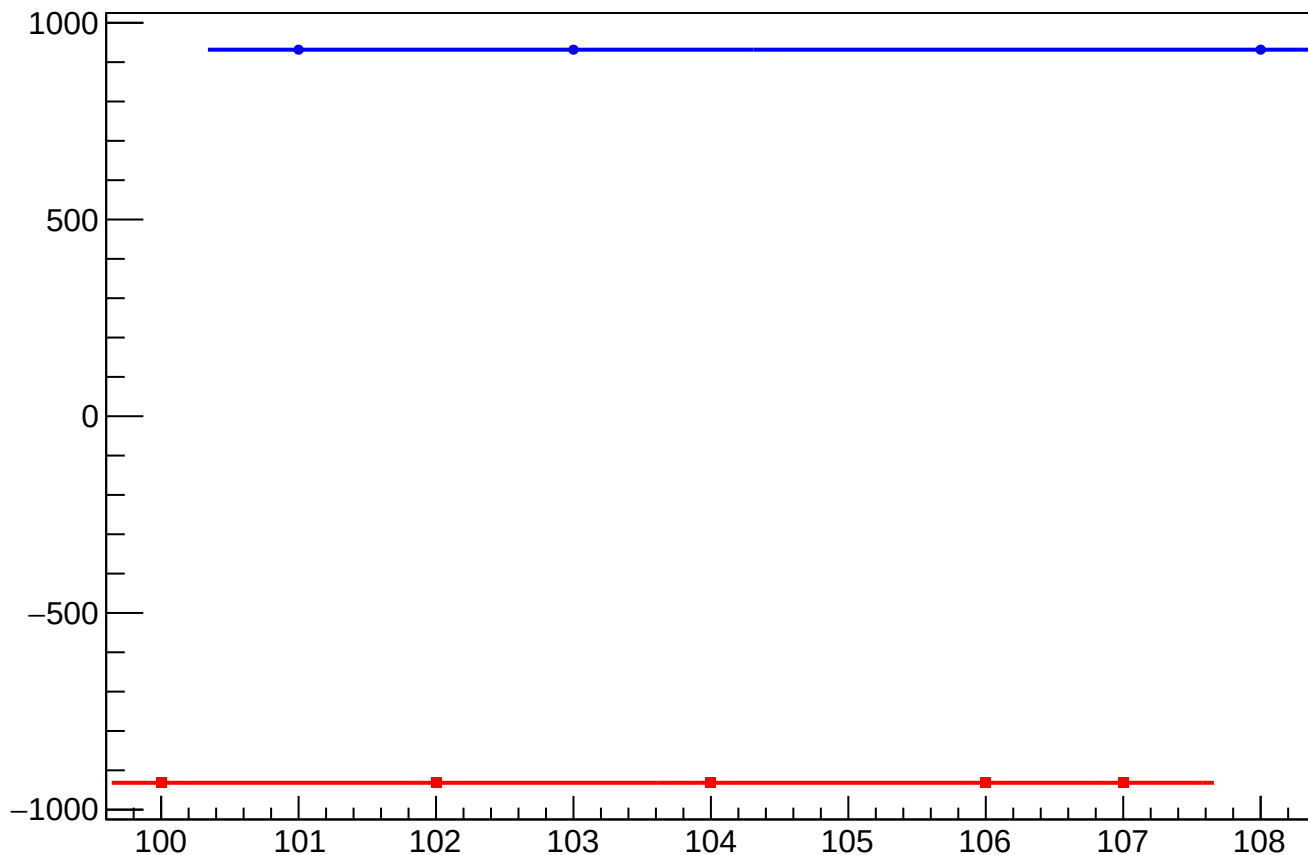
Right: -0.000+/-0.000 χ^2/NDF : 3112962147887322

In: 0.009+/-0.000 χ^2/NDF : 0.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

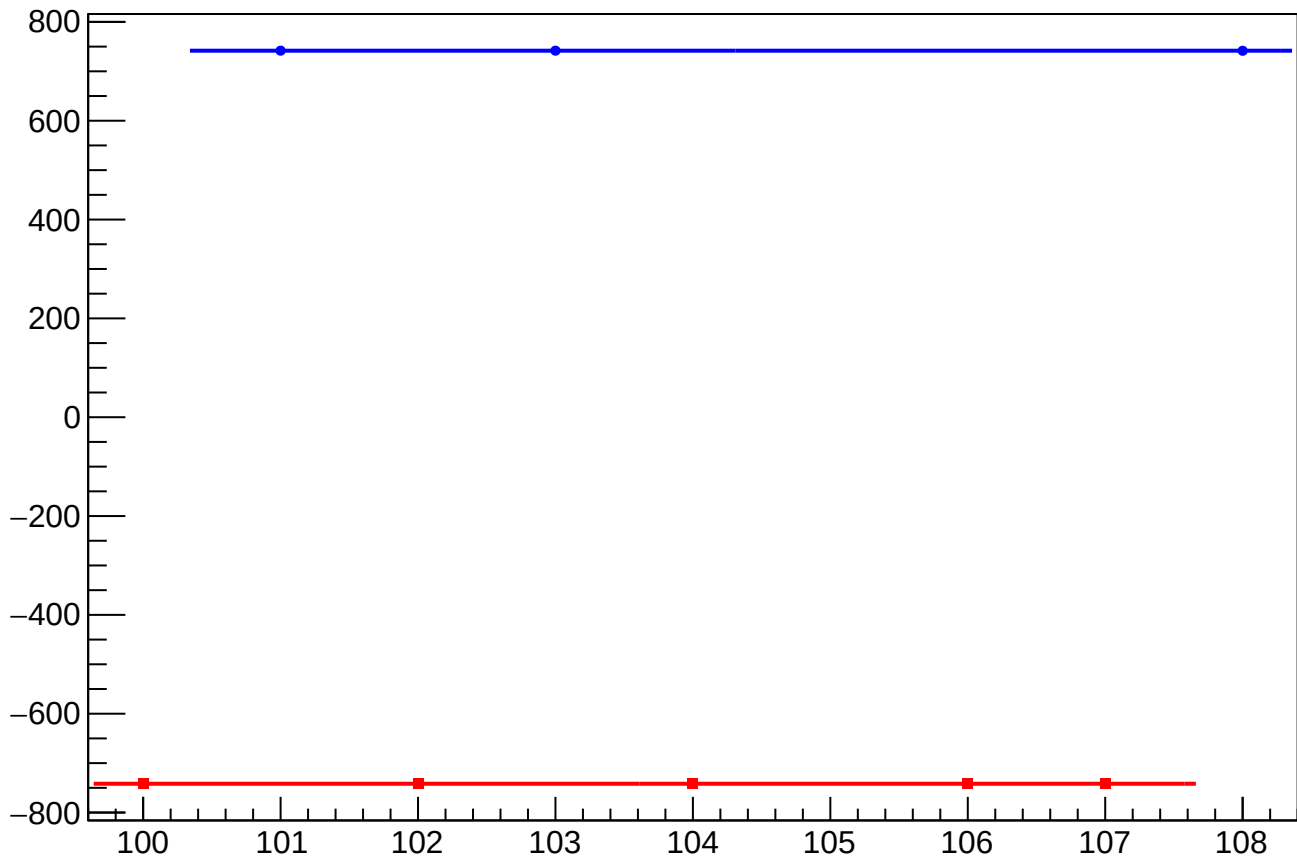
All: -0.000+/-0.000 χ^2/NDF : 3112962147887

HacL_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



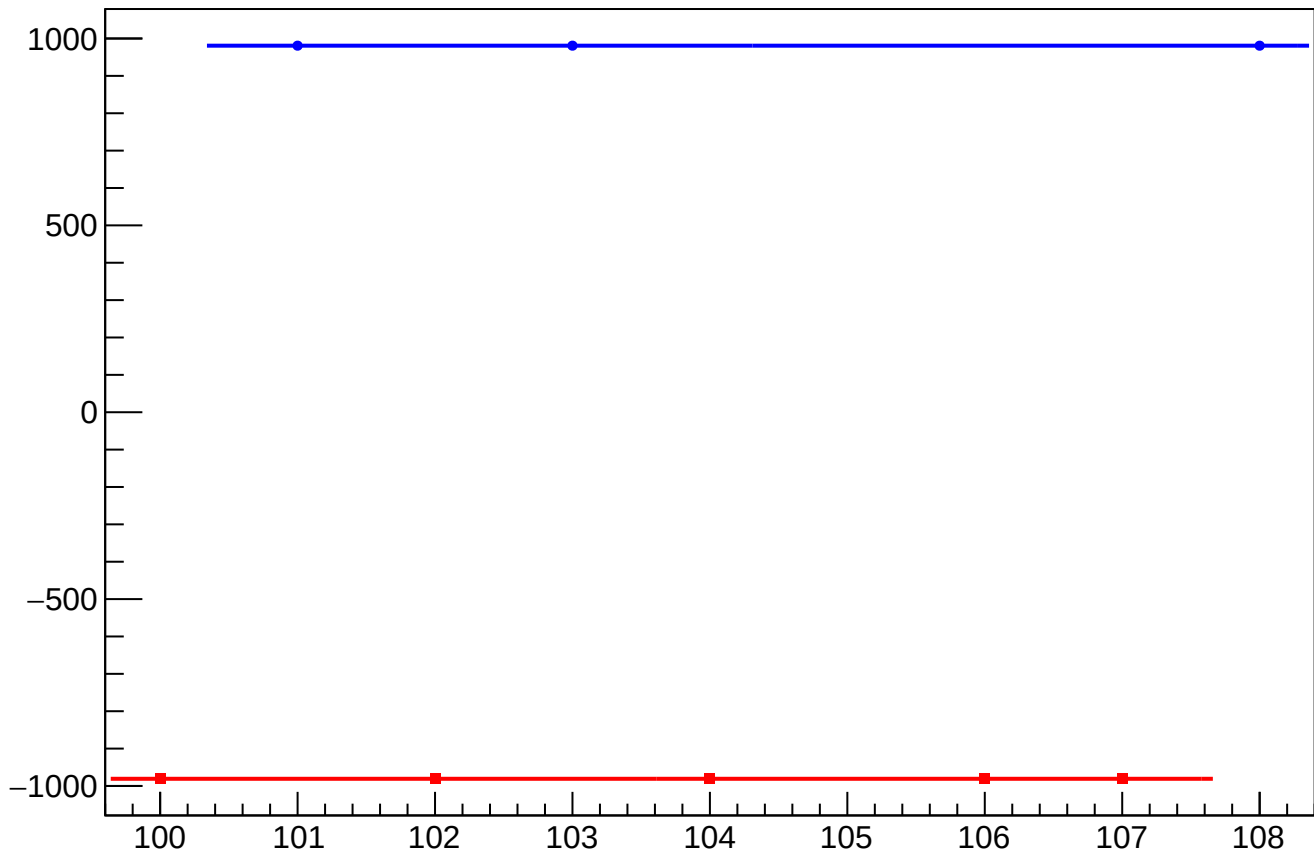
Right In: 931.695+/-0.000 χ^2/NDF : 101758932201085982843674296320.0/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -931.697+/-0.000 χ^2/NDF : 113487661342673597273997312000.0/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -44.617+/-0.000 χ^2/NDF : 307453807641887.0/2

HacL_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



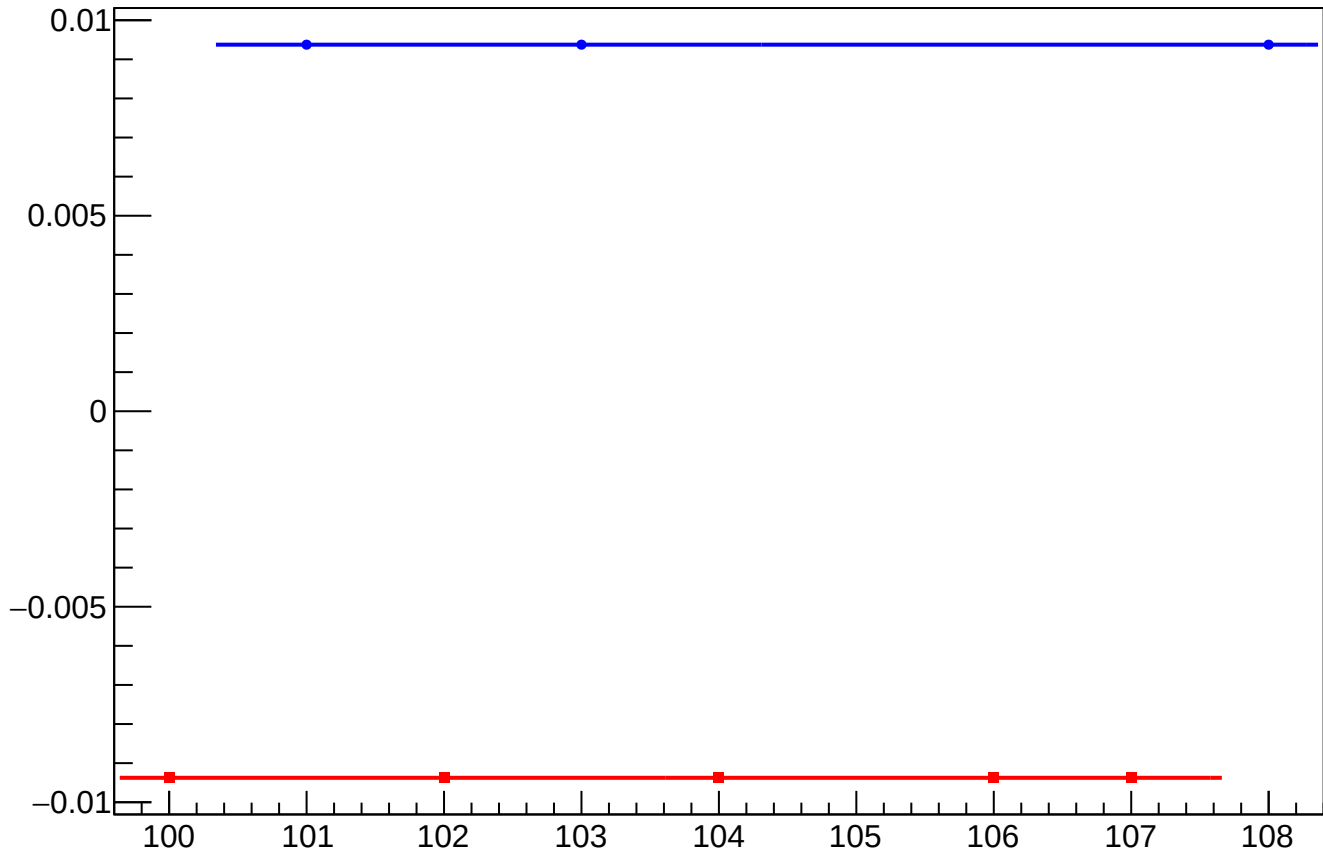
Right In: 741.717+/-0.000 χ^2/NDF : 1572297208659116329510505545728.0/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -741.735+/-0.000 χ^2/NDF : 1534397918150811094019985113088.0/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -35.528+/-0.000 χ^2/NDF : 194858020366719

HacL_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 980.803+/-0.000 χ^2/NDF : 74662724718408561399045292032.0/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -980.798+/-0.000 χ^2/NDF : 209072571761296383311391752192.0/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -46.965+/-0.000 χ^2/NDF : 340716101003185

MQ172RM_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/4

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

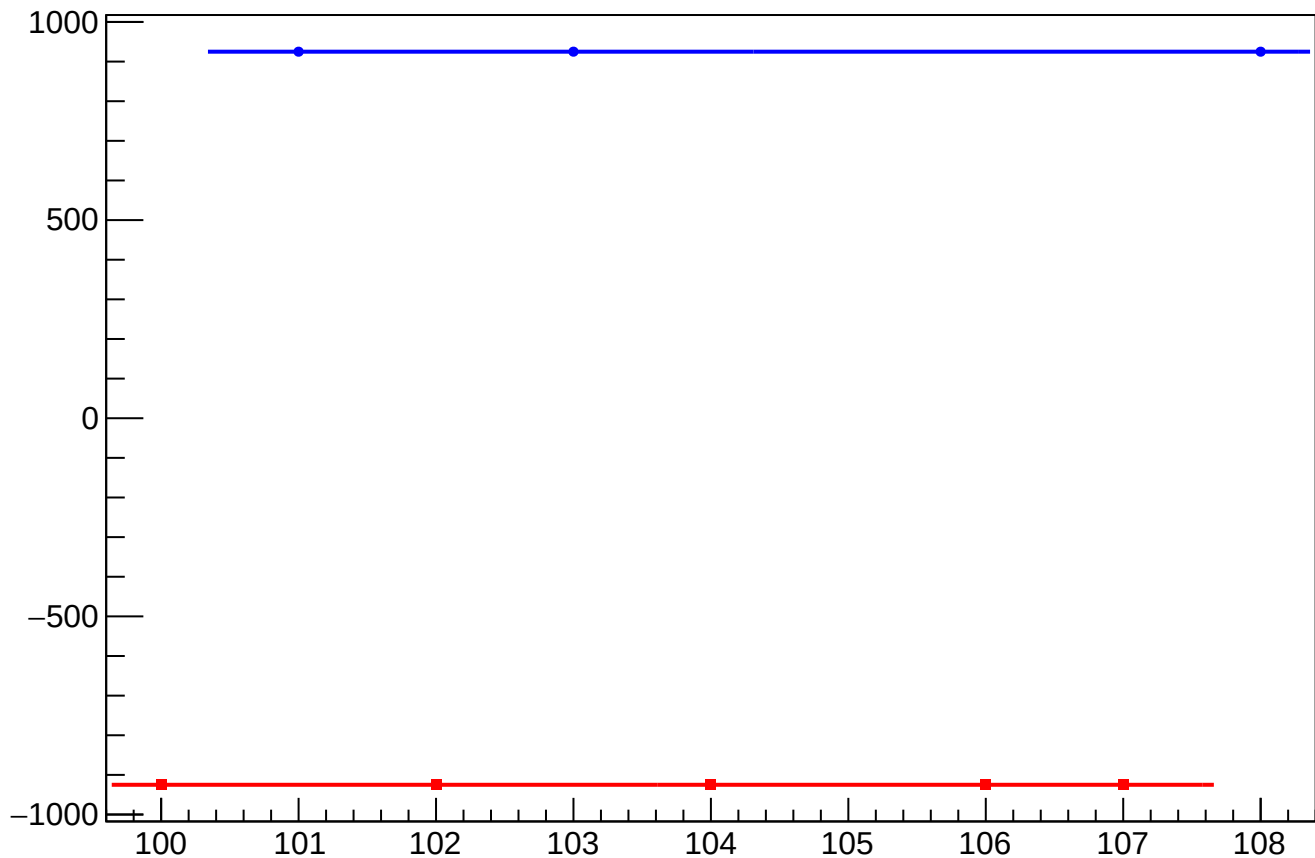
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 3112962147887322

In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

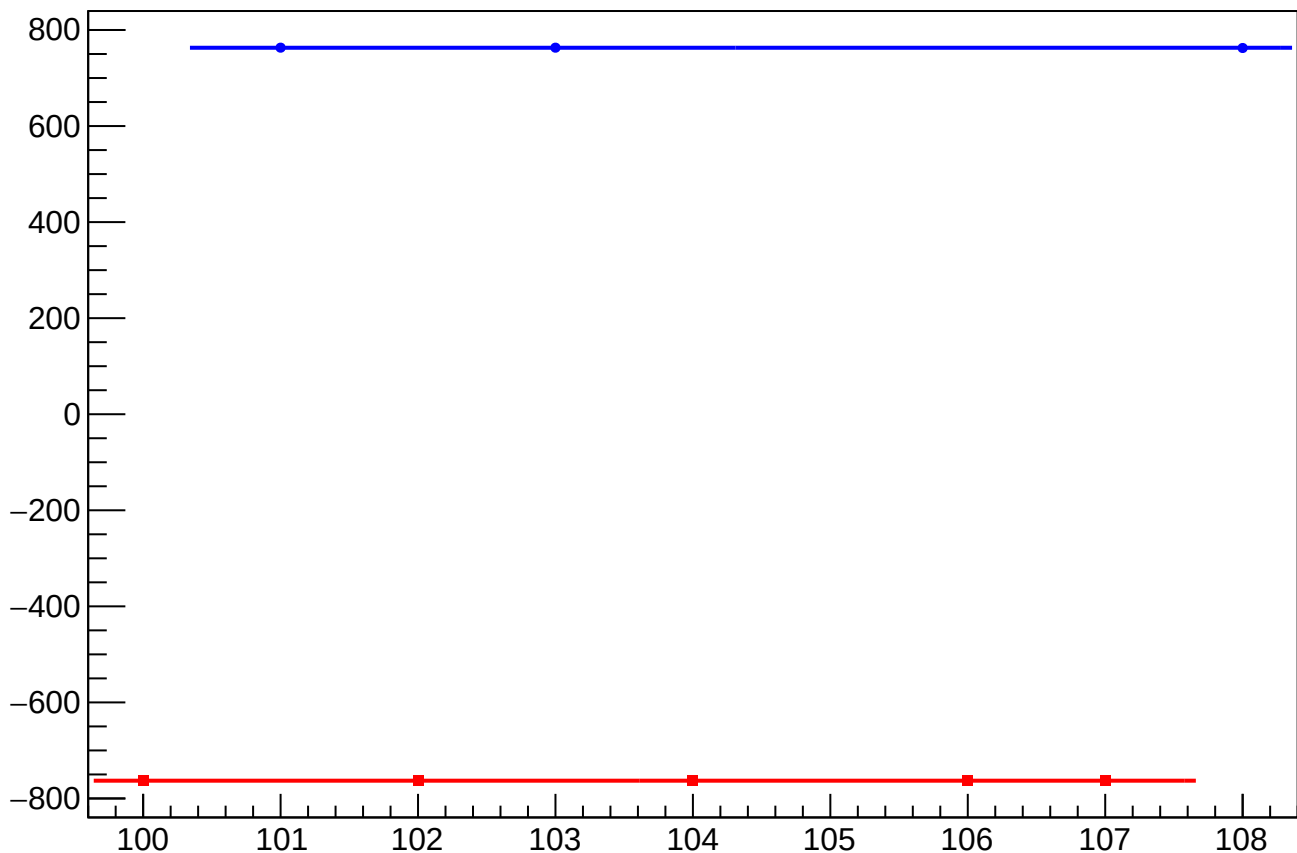
All: -0.000 $\pm$ 0.000 χ^2 /NDF: 3112962147887

HacR_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



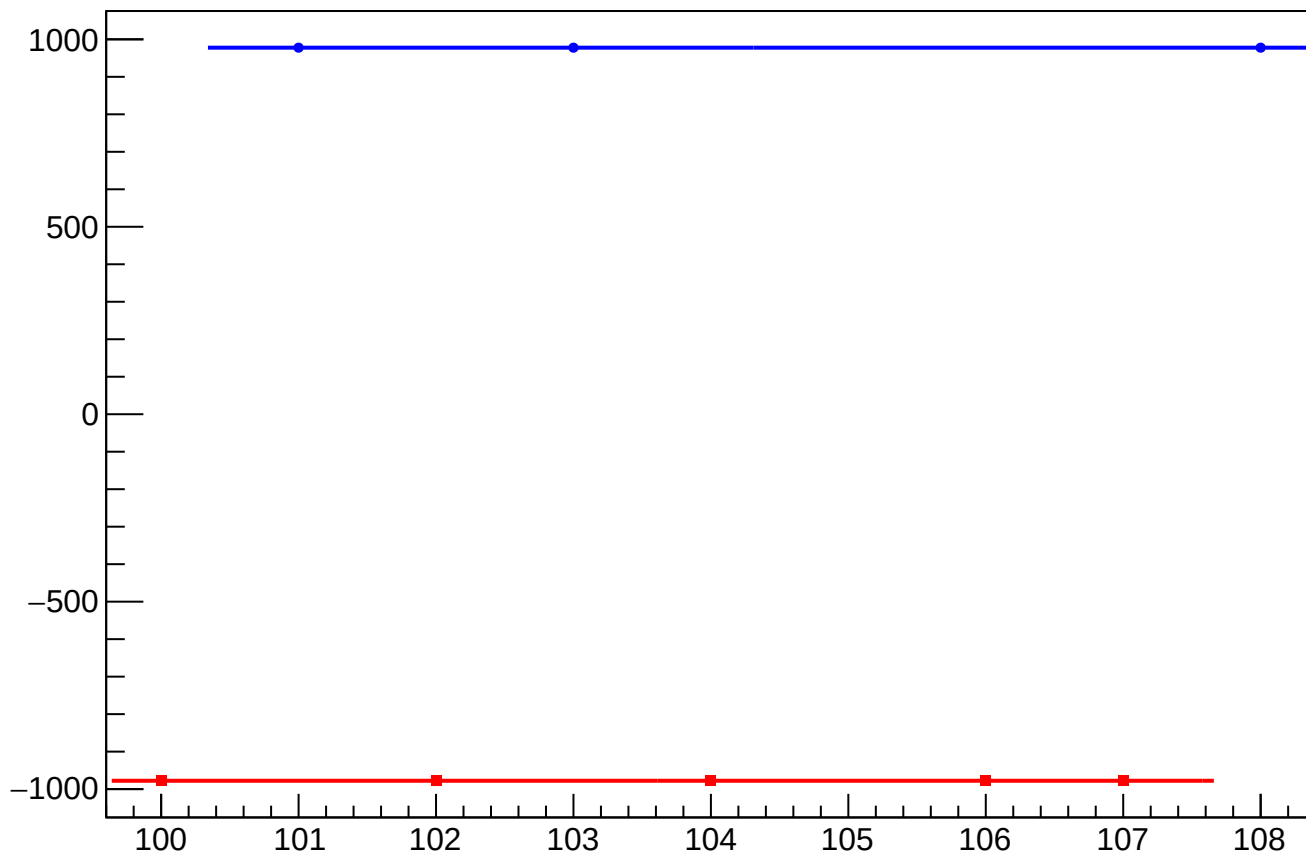
Right In: 924.981+/-0.000 χ^2/NDF : 88963318817149878861786251264.0/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -924.981+/-0.000 χ^2/NDF : 86838540308051734384523345920.0/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -44.295+/-0.000 χ^2/NDF : 303037941142335

HacR_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



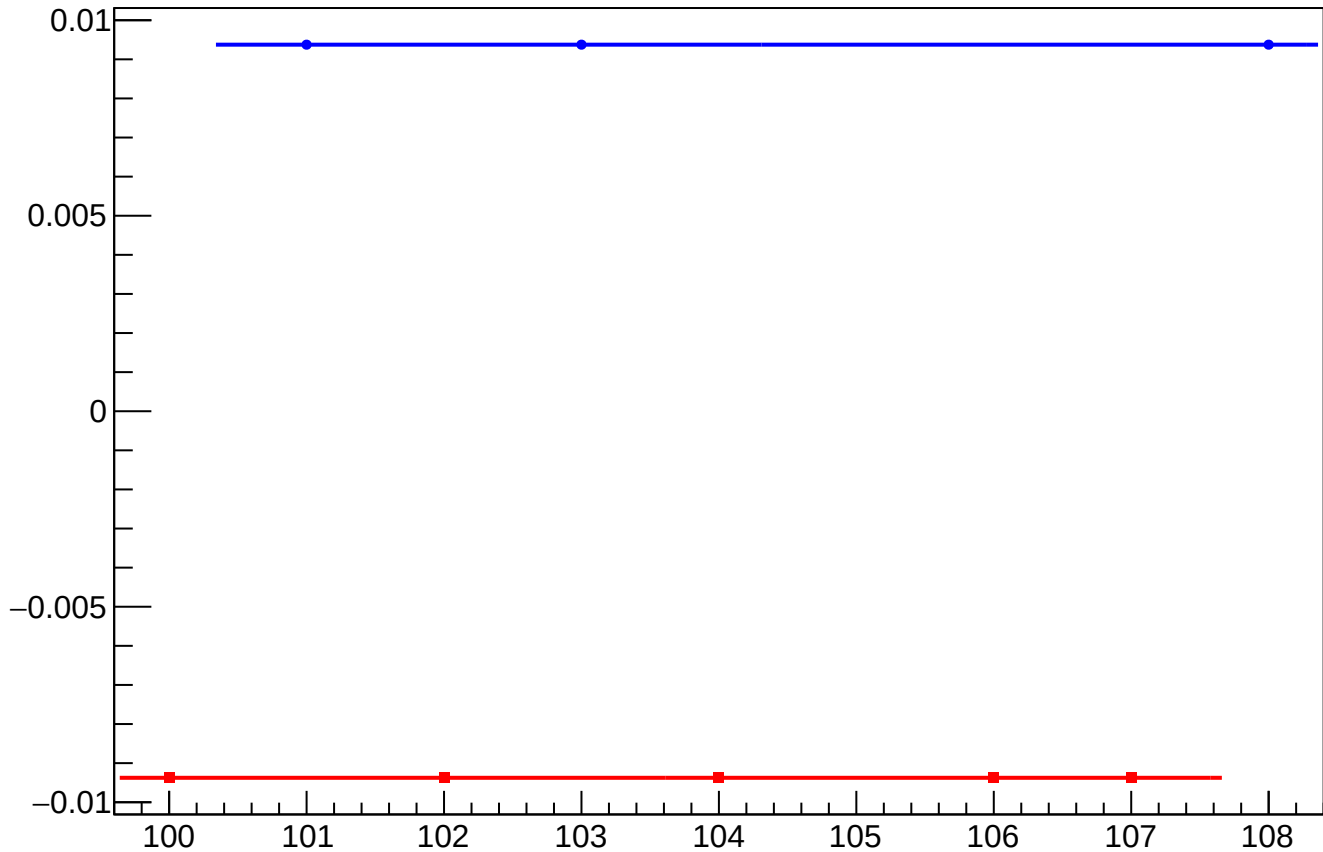
Right In: 763.024+/-0.000 χ^2/NDF : 13973324177973307819528988655616.0/2
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -36.521+/-0.000 χ^2/NDF : 206199790306831.0/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 763.024+/-0.000 χ^2/NDF : 13973324177973307819528988655616.0/2
 Right Out: -762.989+/-0.000 χ^2/NDF : 19179572897183023165978055802880.0/4
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -36.521+/-0.000 χ^2/NDF : 206199790306831.0/1

HacR_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 977.749+/-0.000 χ^2/NDF : 11436759392627933205734883328.0/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -977.739+/-0.000 χ^2/NDF : 77477215767180717349236899840.0/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -46.816+/-0.000 χ^2/NDF : 338595749145725

hesDipole_current_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/4

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

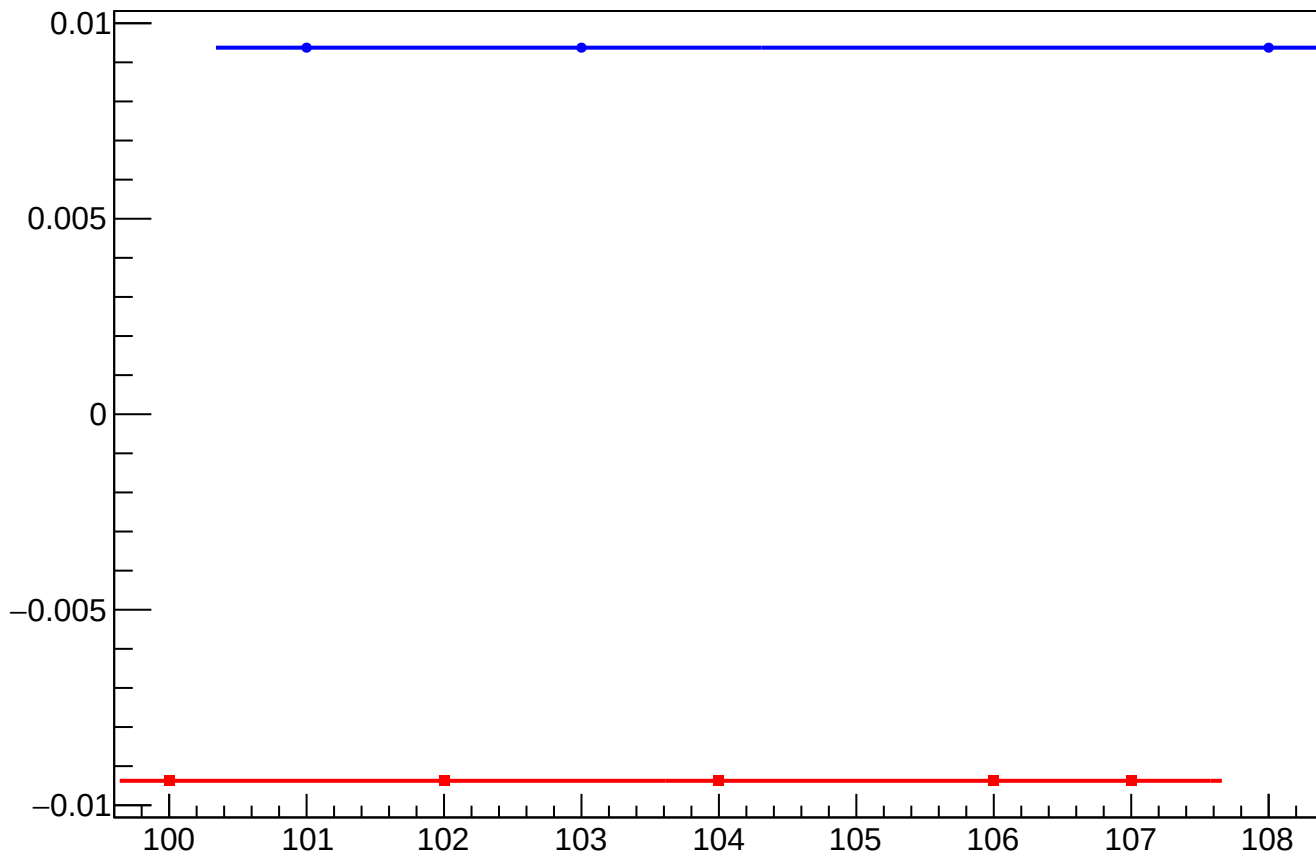
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 3112962147887322

In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 3112962147887

MSUPERBIGBITereadcalc_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/4

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

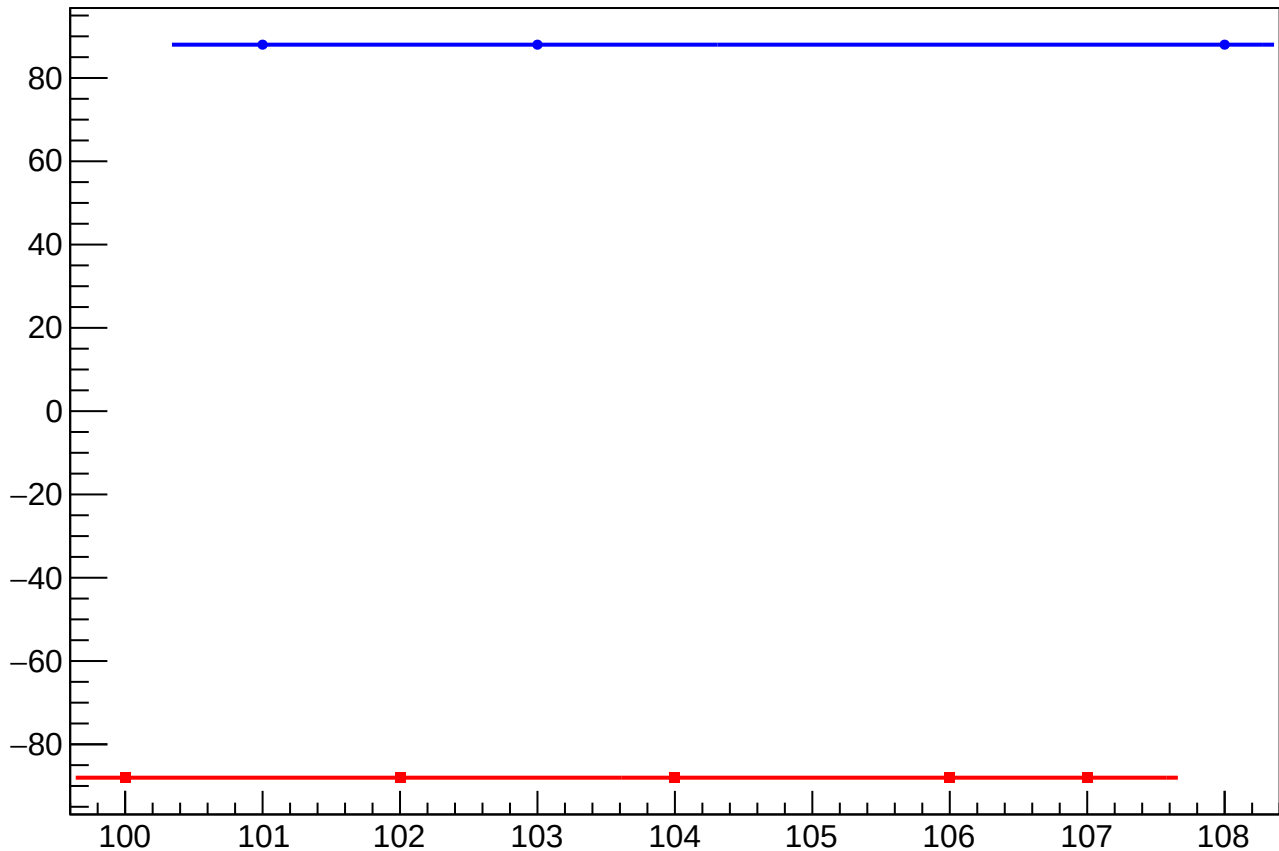
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 3112962147887322

In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 3112962147887

VWienAngle_mean vs Slug, Sign Corrected



Right In: 88.001+/-0.000 χ^2/NDF : 310394.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -88.012+/-0.000 χ^2/NDF : 55925629527748311438296350720.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

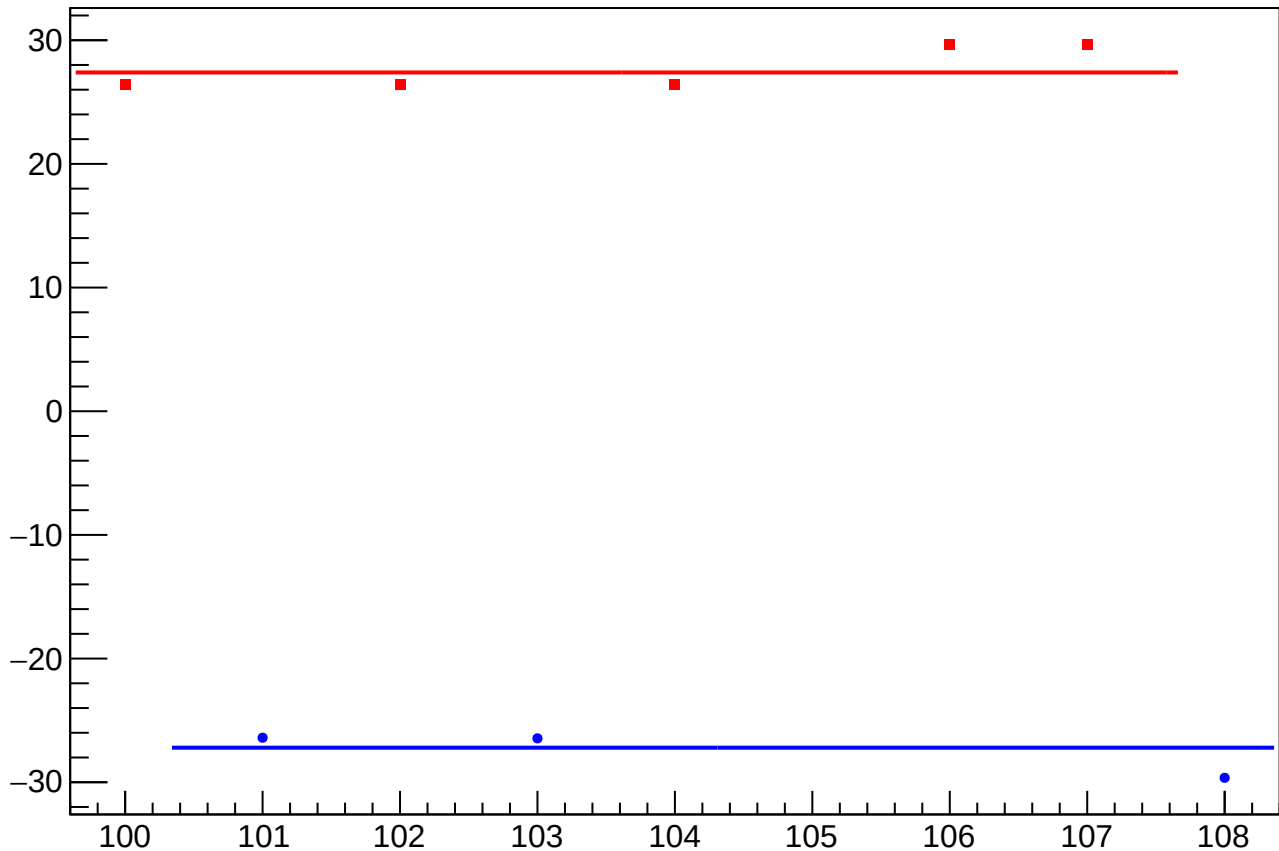
Right: -4.220+/-0.000 χ^2/NDF : 2743205308715571

In: 88.001+/-0.000 χ^2/NDF : 310394.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

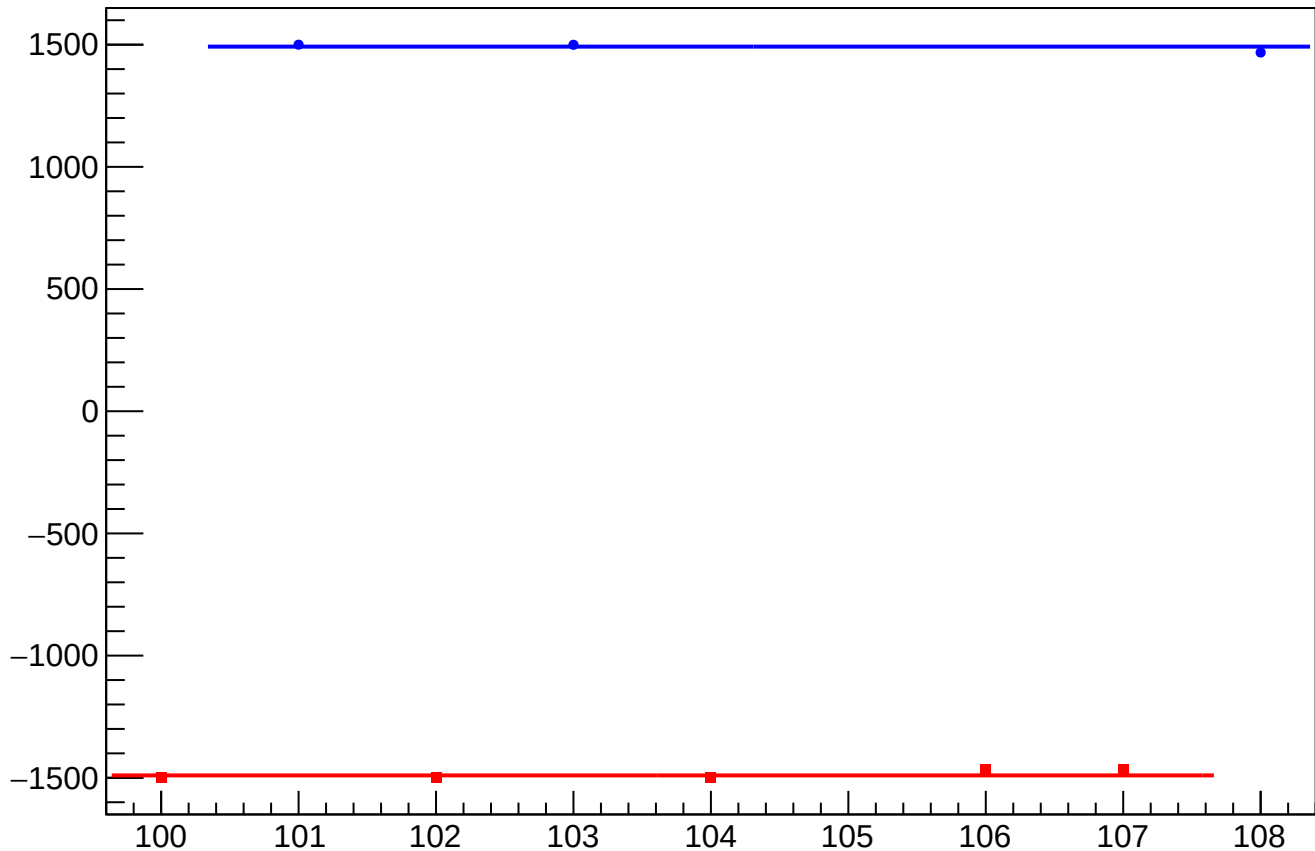
All: -4.220+/-0.000 χ^2/NDF : 2743205308715571

HWienAngle_mean vs Slug, Sign Corrected



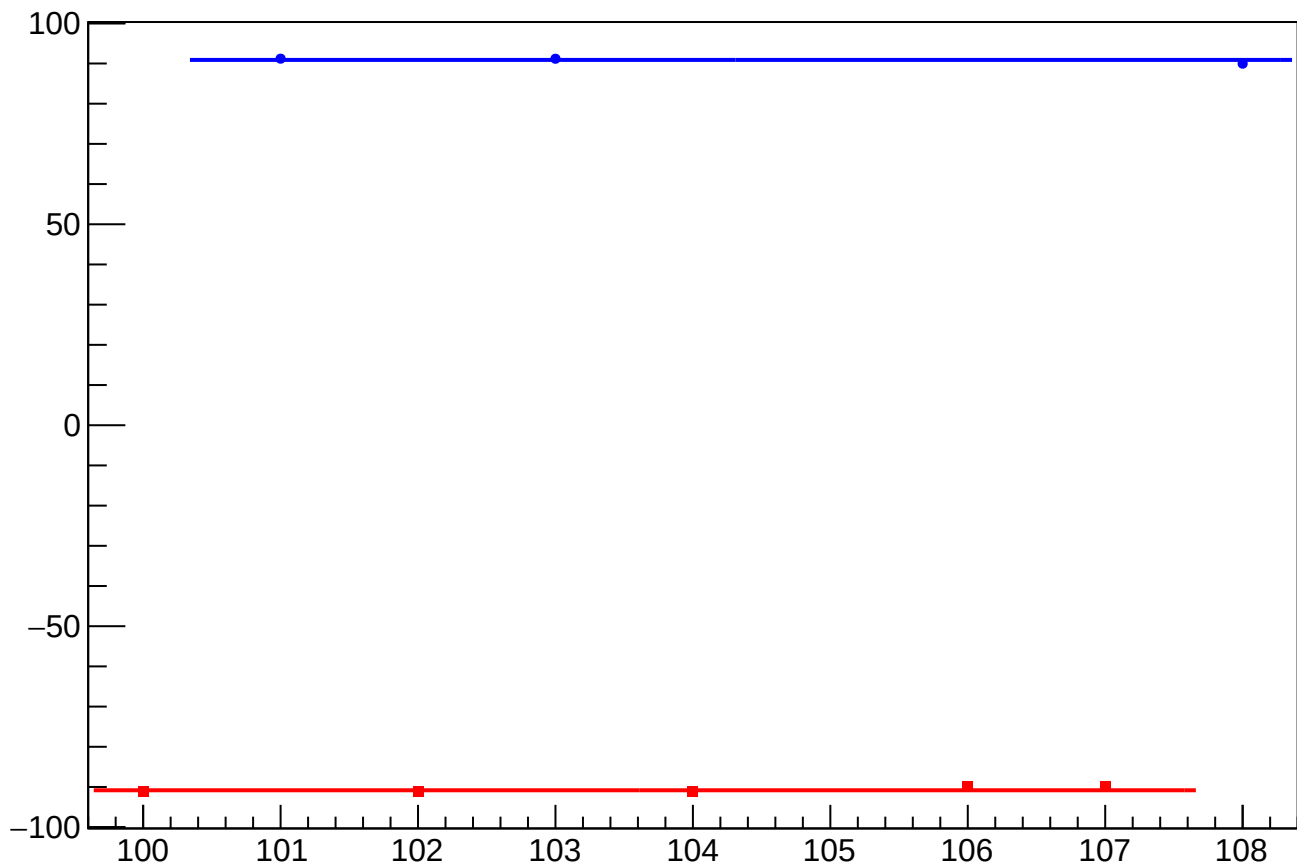
Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 1.401+/-0.000 χ^2/NDF : 26470253610103410
Right In: -27.206+/-0.000 χ^2/NDF : 320995646322918513220922554449920.0/2
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 27.394+/-0.000 χ^2/NDF : 414993832258078671883492321656832.0/4
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 1.401+/-0.000 χ^2/NDF : 26470253610103410

psub_pl_pos_mean vs Slug, Sign Corrected



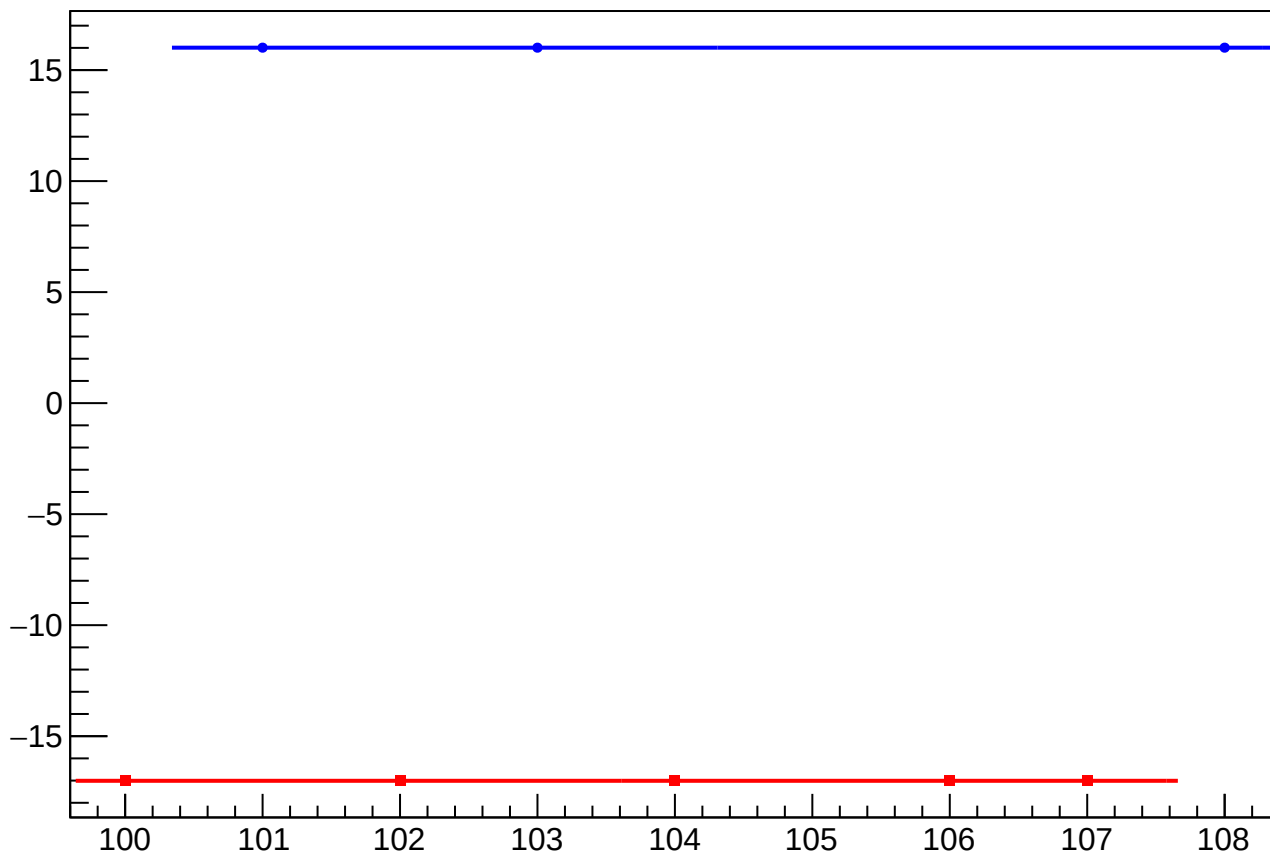
Right In: 1492.043+/-0.000 χ^2/NDF : 31353781146079654072745256170815488.0/2
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -1490.188+/-0.000 χ^2/NDF : 40535209566375408462199078713819136.0/4
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -70.478+/-0.000 χ^2/NDF : 787577551461743

Phi_FG_mean vs Slug, Sign Corrected



Right In: 90.891+/-0.000 χ^2/NDF : 47016737710153315025391917727744.0/2
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -90.819+/-0.000 χ^2/NDF : 60784799999996068106816790200320.0/4
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -4.315+/-0.000 χ^2/NDF : 2923795623289728

IGL1I00DI24_24M_mean vs Slug, Sign Corrected



Right In: 16.009+/-0.000 χ^2/NDF : 16458.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.009+/-0.000 χ^2/NDF : 25508.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

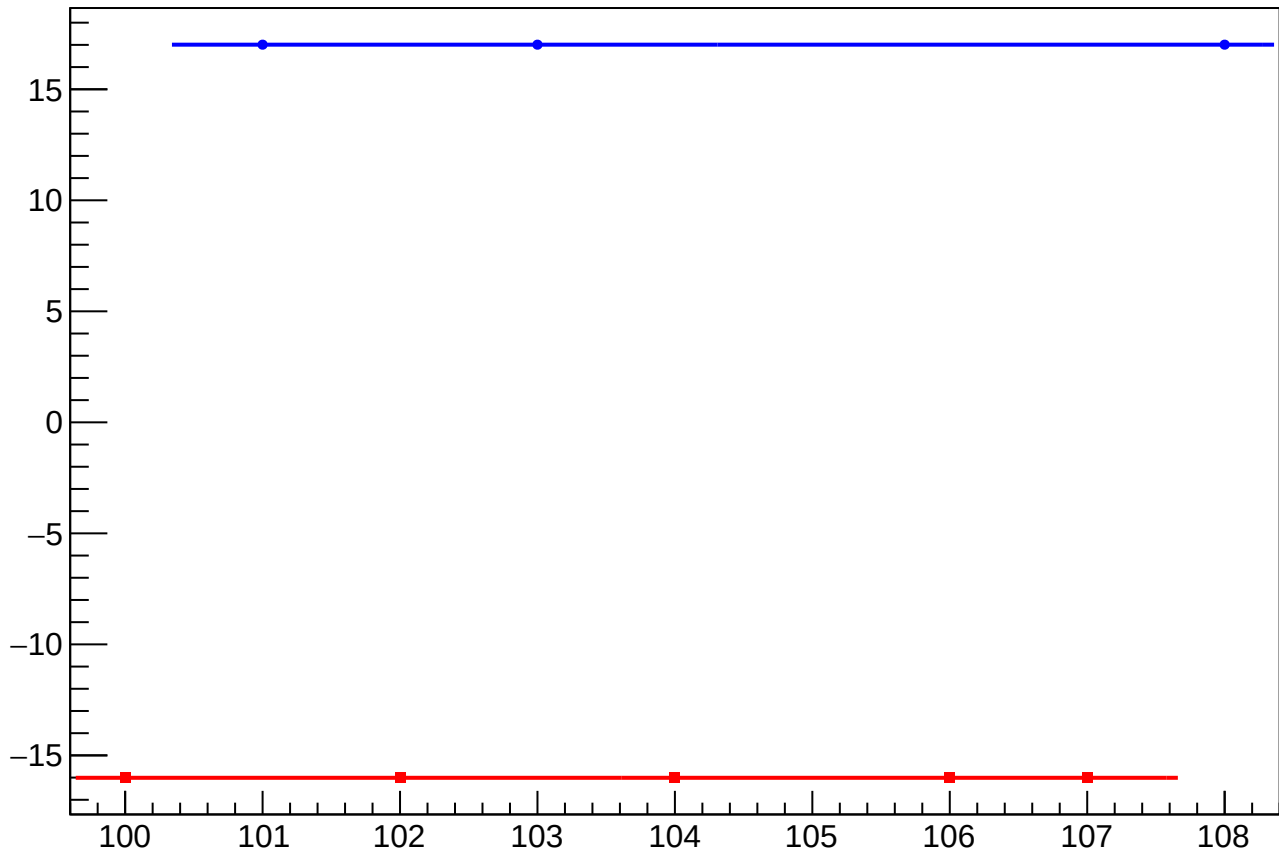
Right: -0.835+/-0.000 χ^2/NDF : 9399430335326097

In: 16.009+/-0.000 χ^2/NDF : 16458.8/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.835+/-0.000 χ^2/NDF : 9399430335326

IGL1I00OD16_16_mean vs Slug, Sign Corrected



Right In: 17.009+/-0.000 χ^2/NDF : 14881.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.009+/-0.000 χ^2/NDF : 12053.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

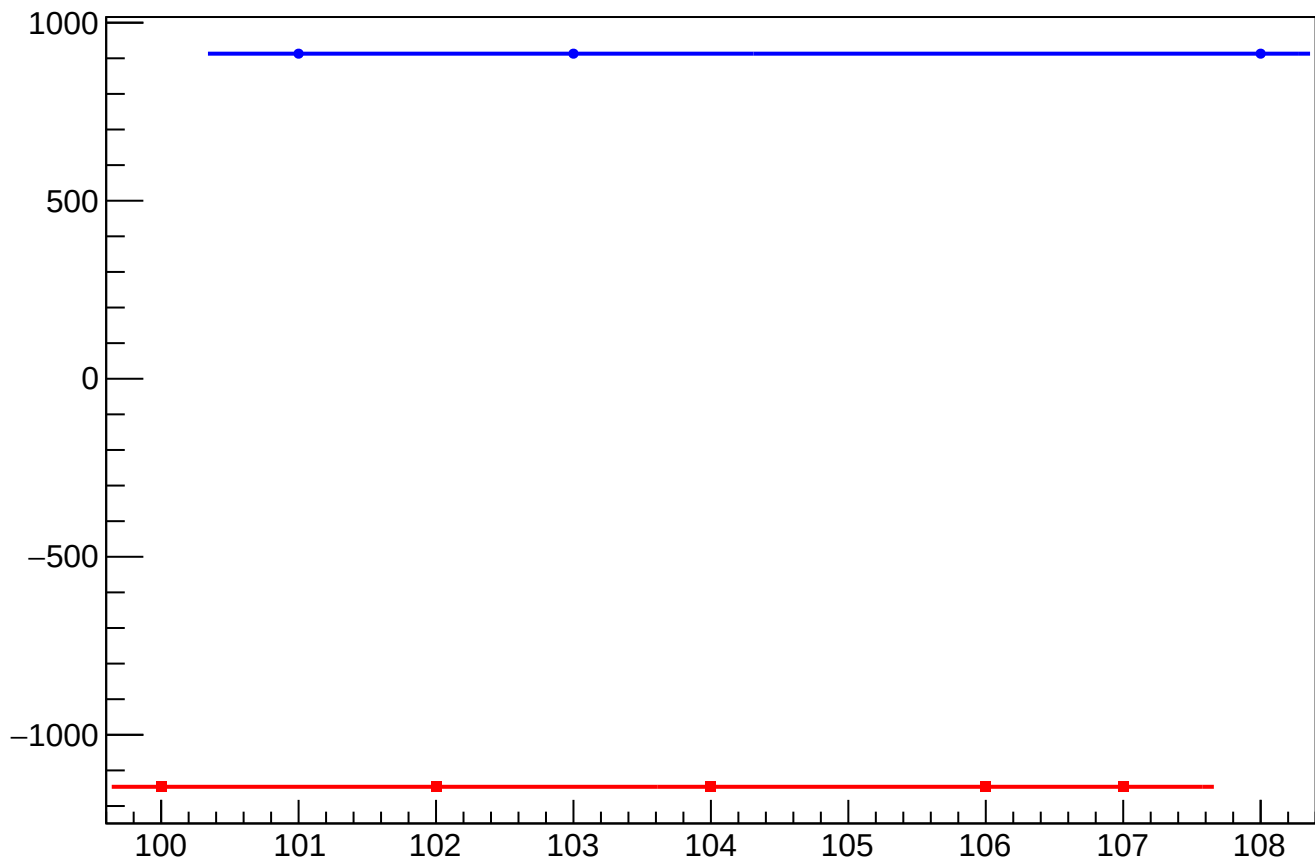
Right: -1.091+/-0.000 χ^2/NDF : 8964907634836226

In: 17.009+/-0.000 χ^2/NDF : 14881.1/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

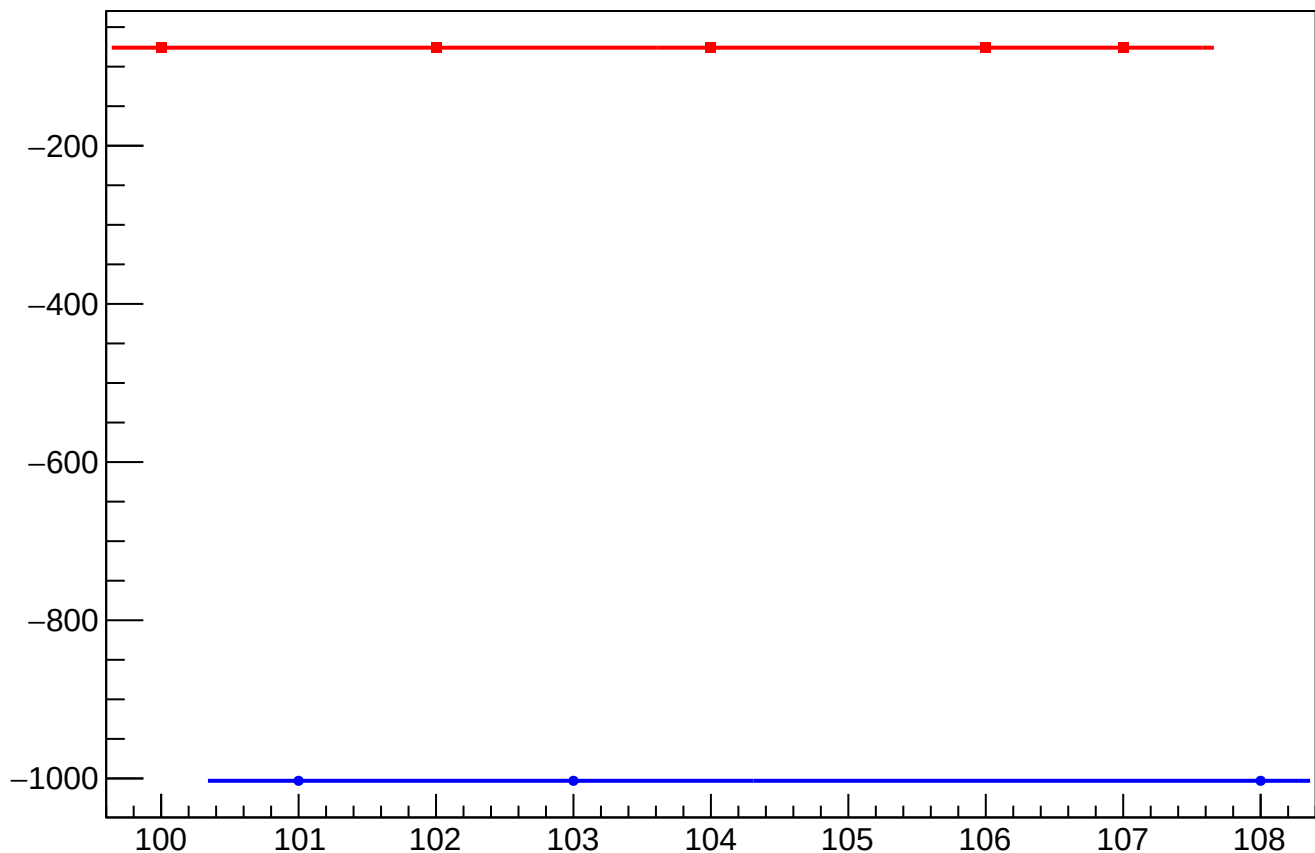
All: -1.091+/-0.000 χ^2/NDF : 8964907634836

RTPAPOSUCNT_mean vs Slug, Sign Corrected



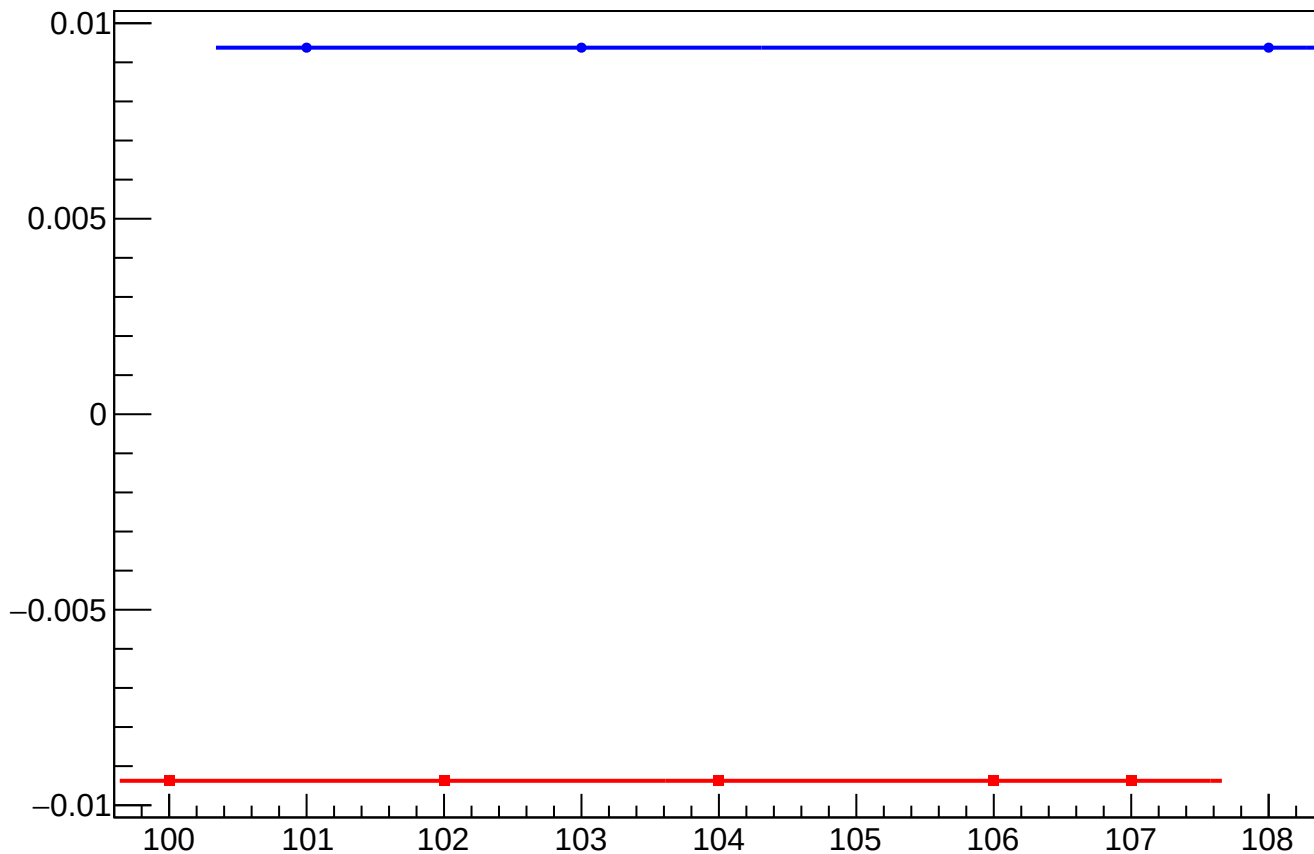
Right In: 912.993+/-0.000 χ^2/NDF : 1594166762904487217023942656.0/2
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1146.010+/-0.000 χ^2/NDF : 601779075869686564313366528.0/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -165.809+/-0.000 χ^2/NDF : 37539223062171

RTPAPOSVCNT_mean vs Slug, Sign Corrected



Right In: -1002.988+/-0.000 χ^2/NDF : 978676743063326940148531200.0/2
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -76.009+/-0.000 χ^2/NDF : 2246275586595673601998848.0/4
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -517.304+/-0.000 χ^2/NDF : 76087112671783

RTPPITA1CNT_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/4

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

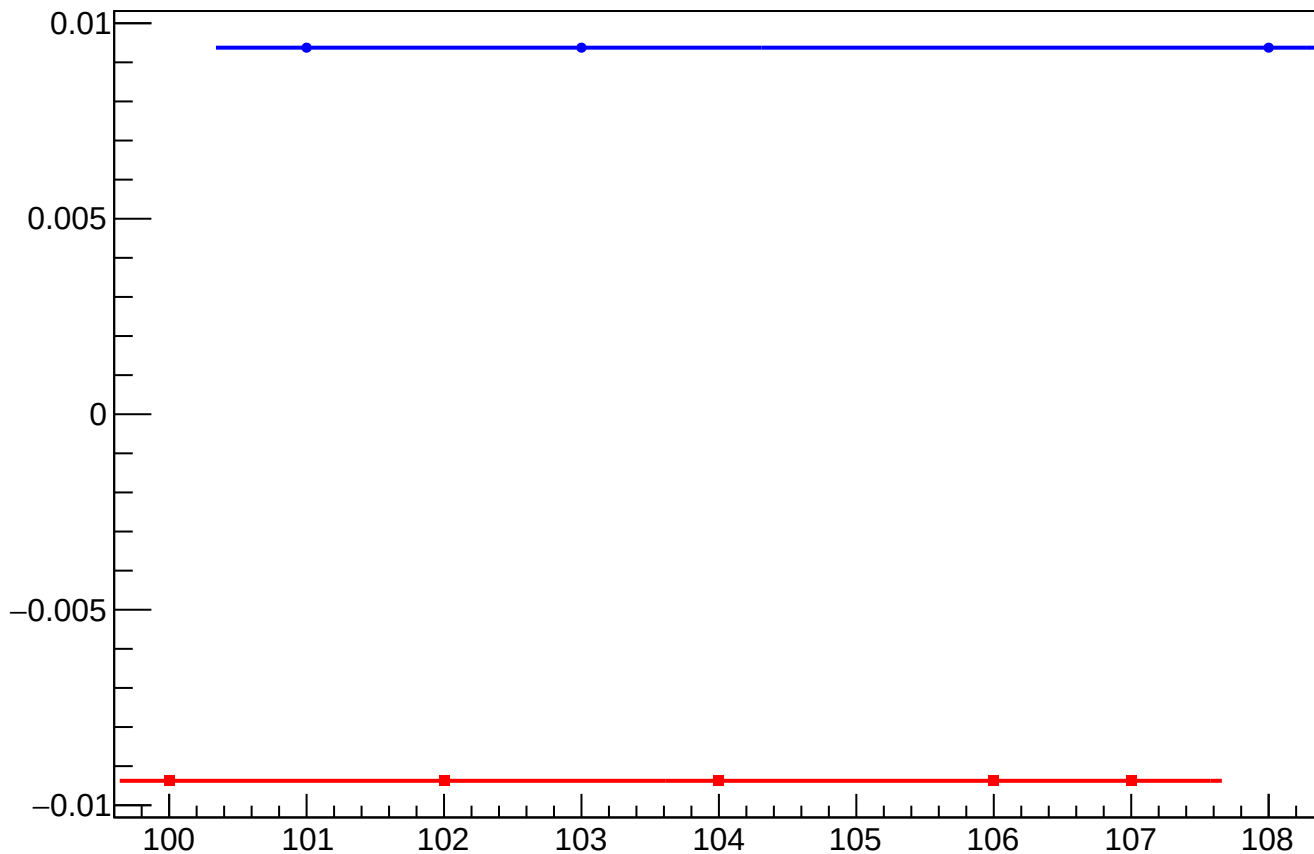
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 3112962147887322

In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/2

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 3112962147887

RTPPITA2CNT_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: -0.000+/-0.000 χ^2/NDF : 3112962147887322

In: 0.009+/-0.000 χ^2/NDF : 0.0/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3112962147887