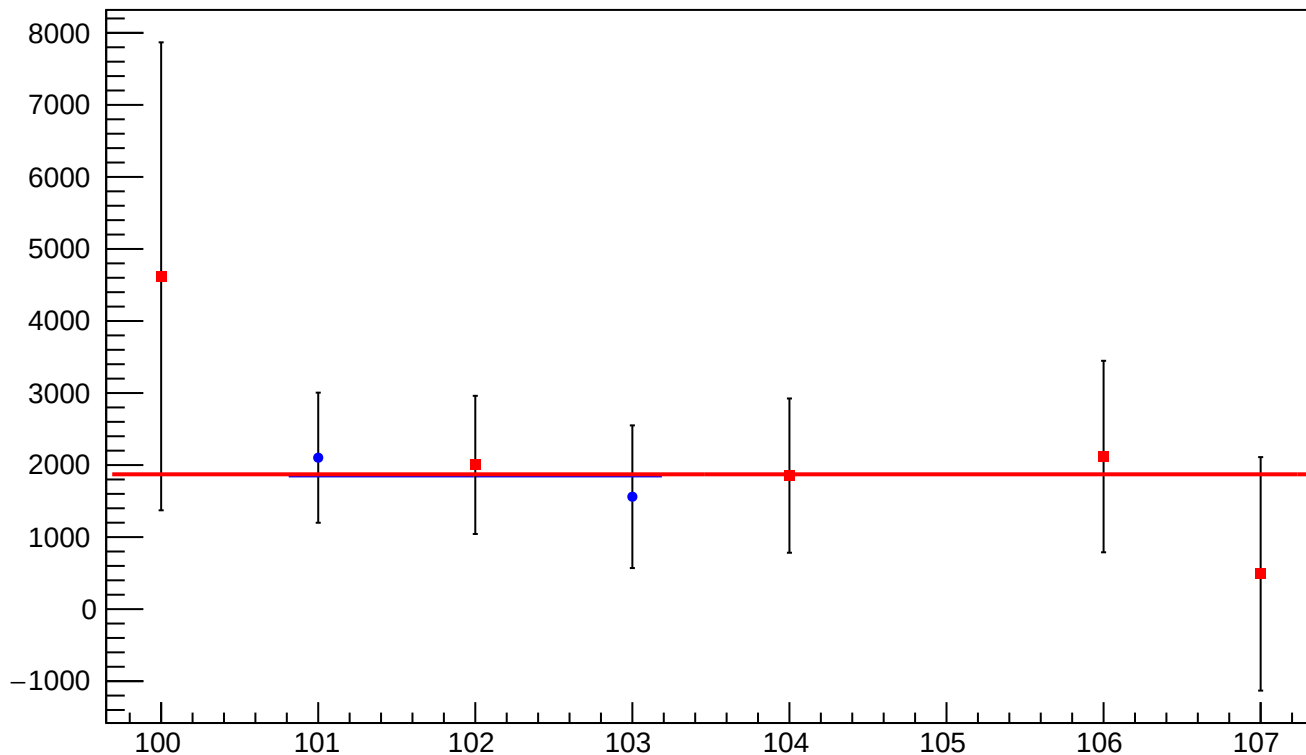


reg_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 1856.266+/-667.235 χ^2/NDF : 0.2/1

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

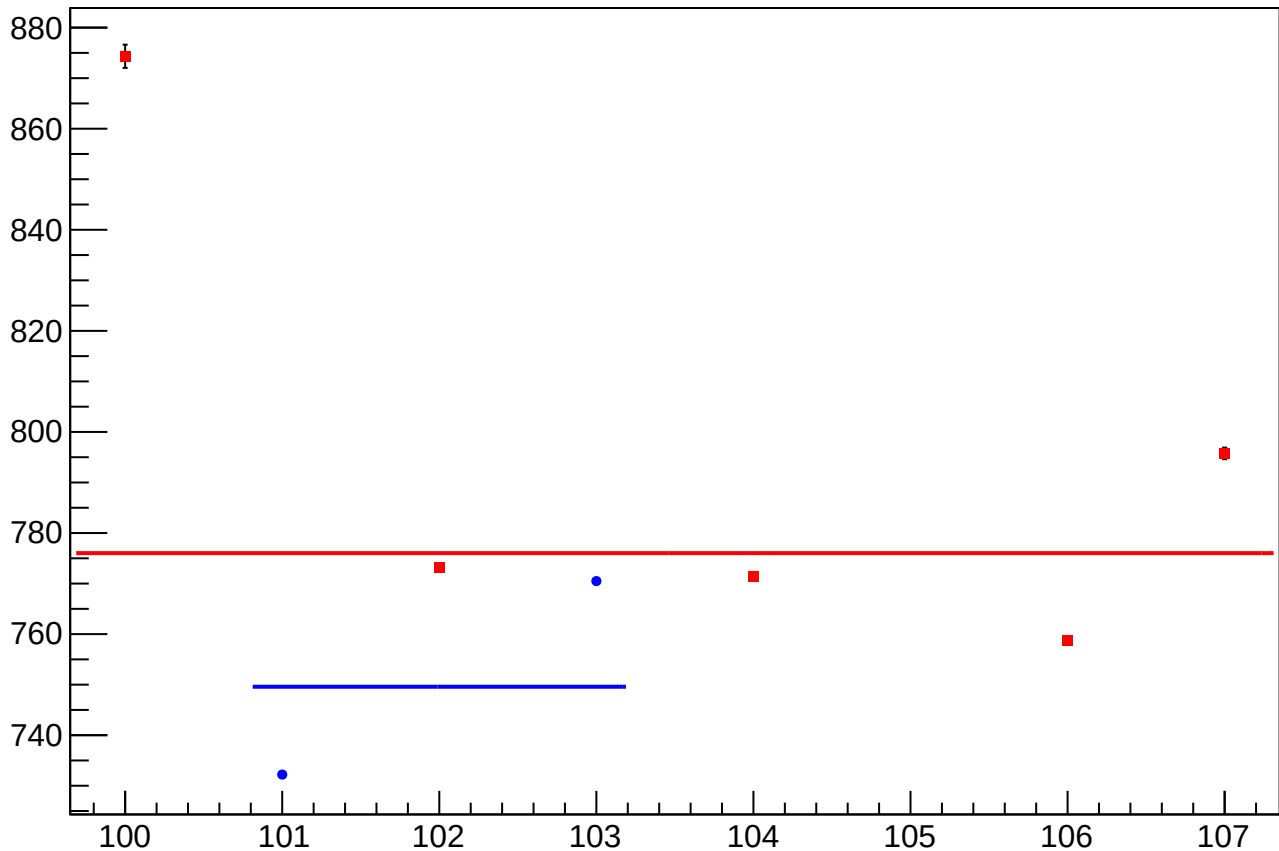
Right: 1865.110+/-436.556 χ^2/NDF : 1.7/6

In: 1856.266+/-667.235 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1865.110+/-436.556 χ^2/NDF : 1.7/6

reg_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 749.590+/-0.472 χ^2/NDF : 1632.1/1

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

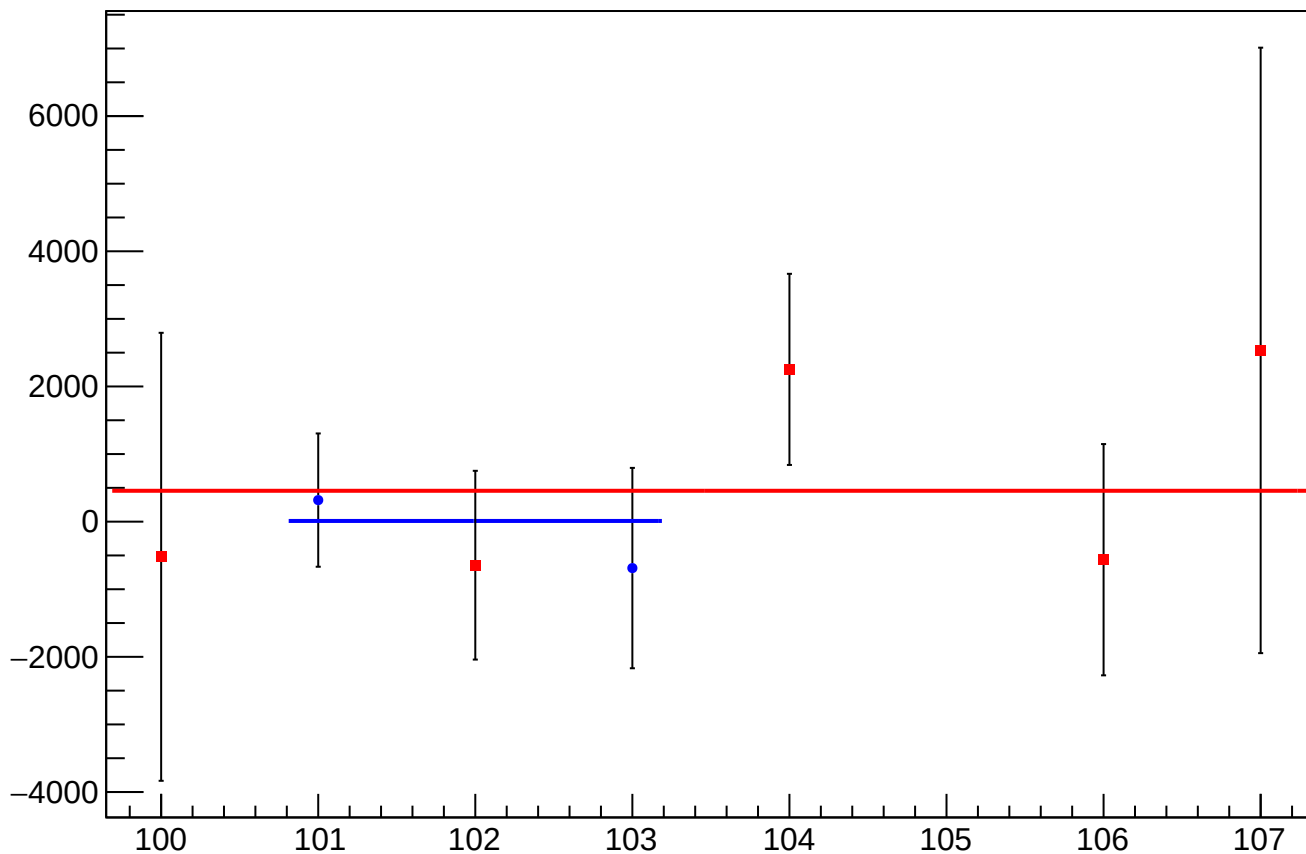
Right: 764.710+/-0.309 χ^2/NDF : 5945.2/6

In: 749.590+/-0.472 χ^2/NDF : 1632.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 764.710+/-0.309 χ^2/NDF : 5945.2/6

asym_us_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 10.333+/-820.946 χ^2/NDF : 0.3/1

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

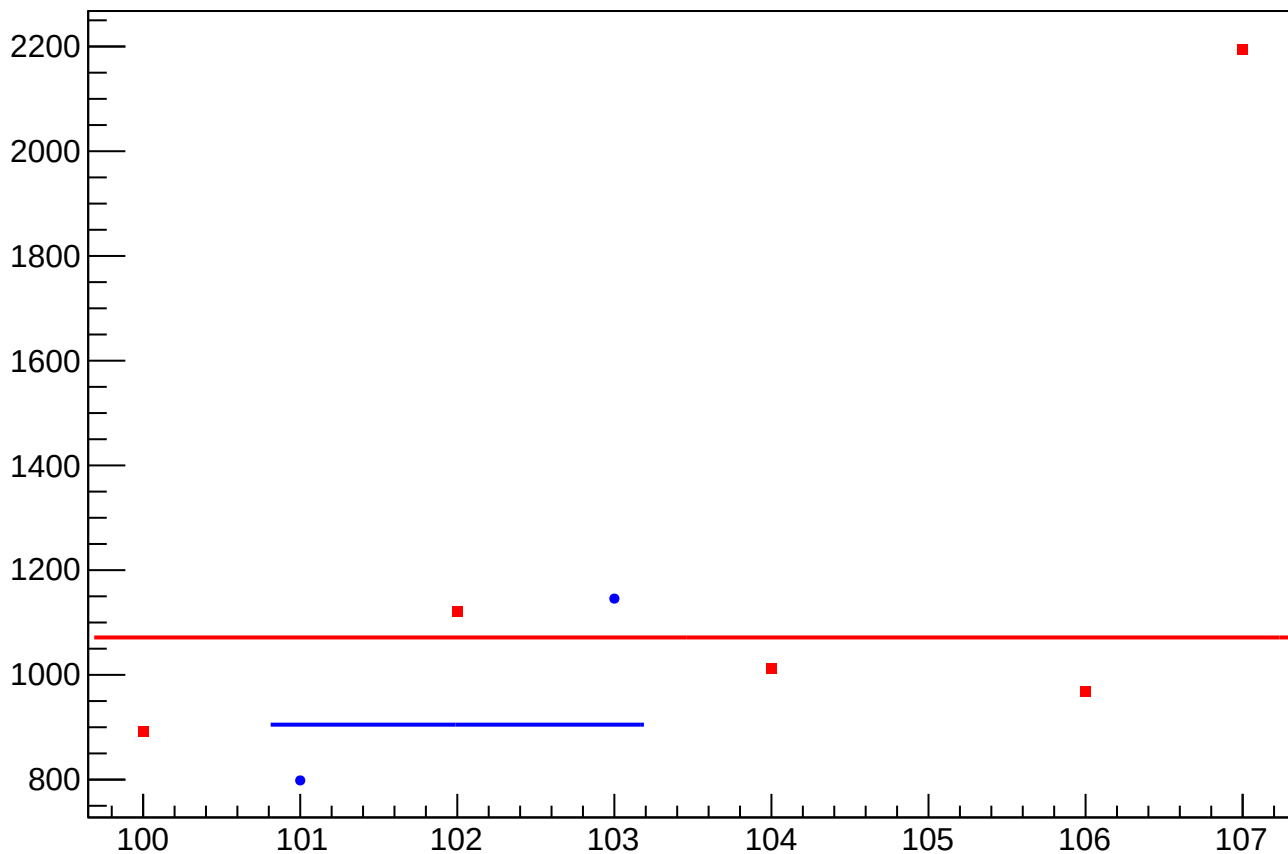
Right: 234.428+/-579.328 χ^2/NDF : 3.4/6

In: 10.333+/-820.946 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 234.428+/-579.328 χ^2/NDF : 3.4/6

asym_us_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 904.943+/-0.580 χ^2/NDF : 76086.5/1

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

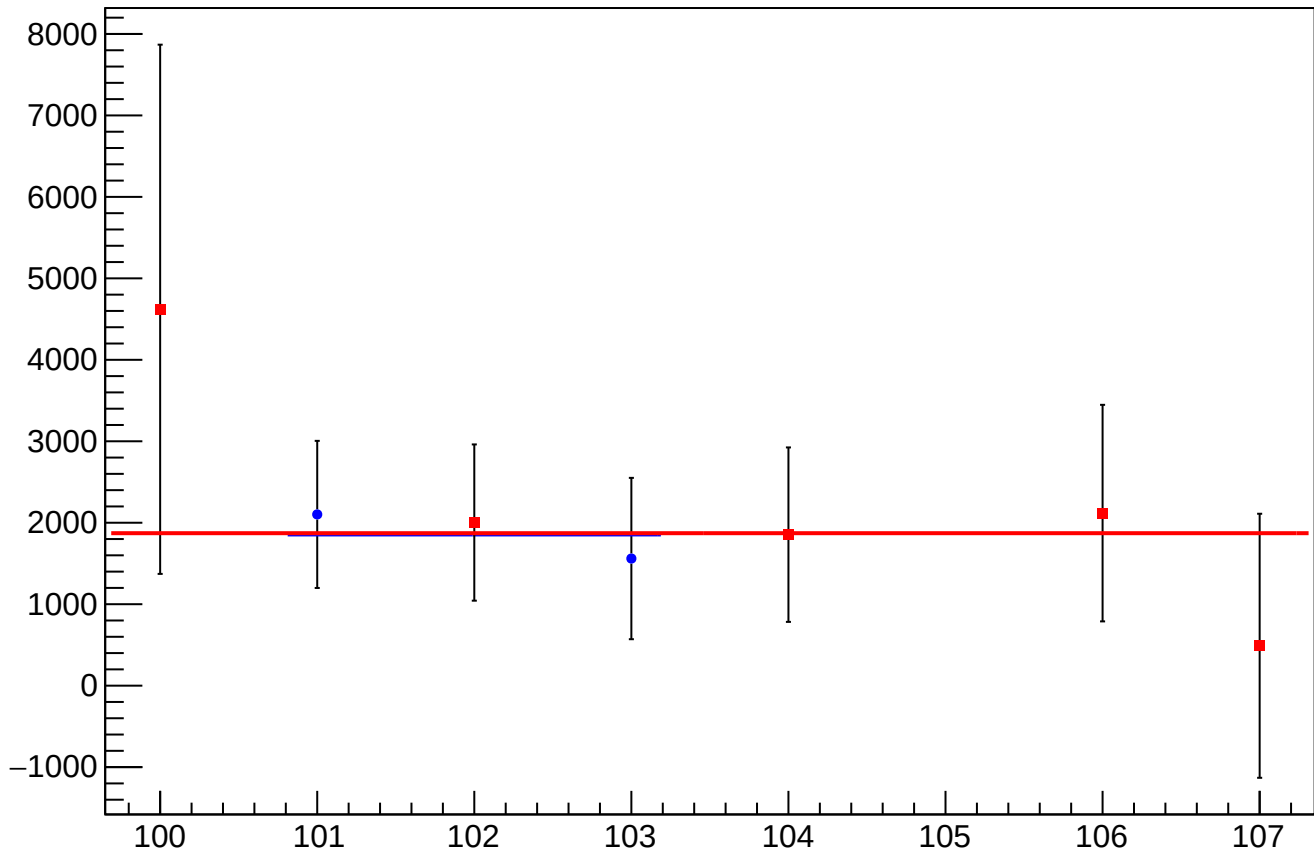
Right: 988.526+/-0.410 χ^2/NDF : 262185.4/6

In: 904.943+/-0.580 χ^2/NDF : 76086.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 988.526+/-0.410 χ^2/NDF : 262185.4/6

cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 1856.266+/-667.235 χ^2/NDF : 0.2/1

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

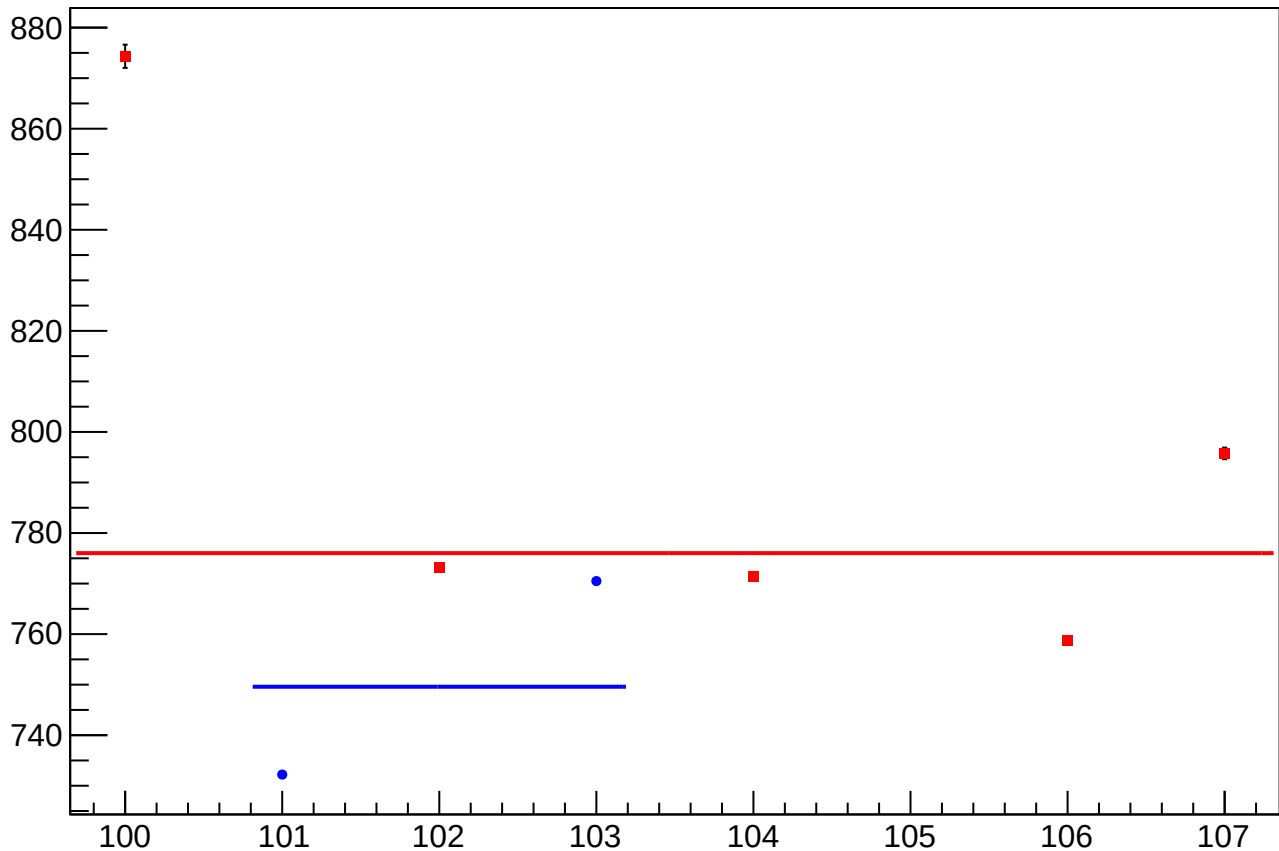
Right: 1865.110+/-436.556 χ^2/NDF : 1.7/6

In: 1856.266+/-667.235 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1865.110+/-436.556 χ^2/NDF : 1.7/6

cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 749.590 $\pm$ 0.472 χ^2 /NDF: 1632.1/1

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

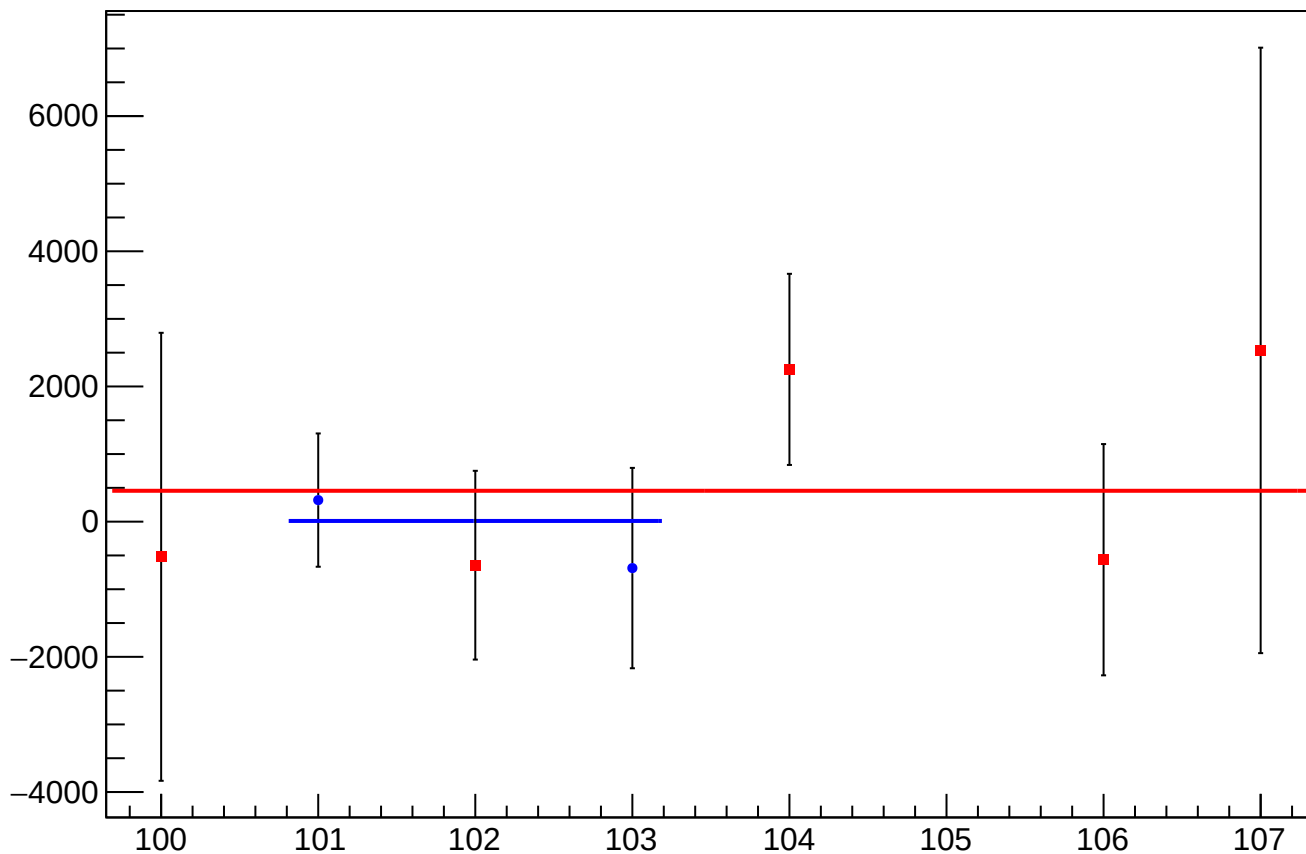
Right: 764.710 $\pm$ 0.309 χ^2 /NDF: 5945.2/6

In: 749.590 $\pm$ 0.472 χ^2 /NDF: 1632.1/1

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

All: 764.710 $\pm$ 0.309 χ^2 /NDF: 5945.2/6

asym_us_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 10.333+/-820.946 χ^2/NDF : 0.3/1

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

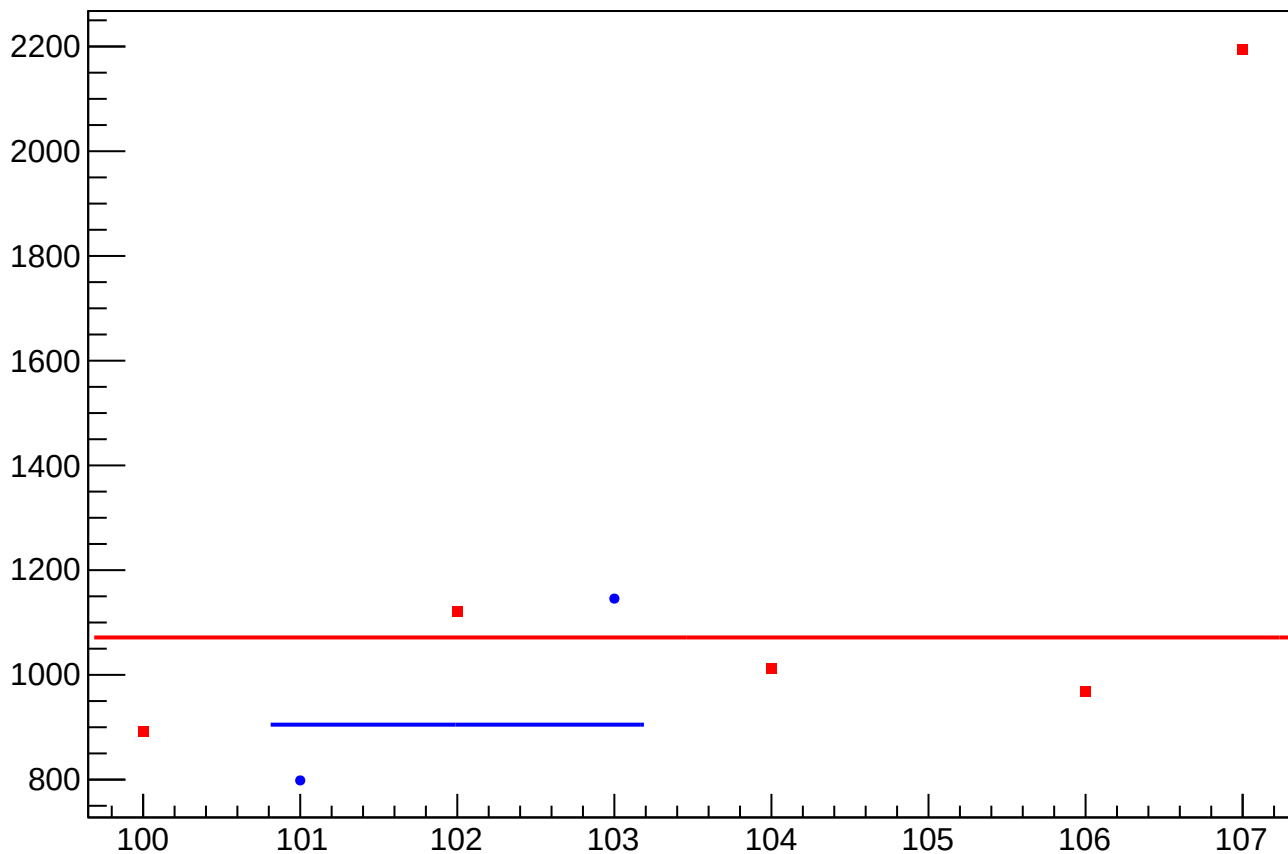
Right: 234.428+/-579.328 χ^2/NDF : 3.4/6

In: 10.333+/-820.946 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 234.428+/-579.328 χ^2/NDF : 3.4/6

asym_us_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 904.943+/-0.580 χ^2/NDF : 76086.5/1

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

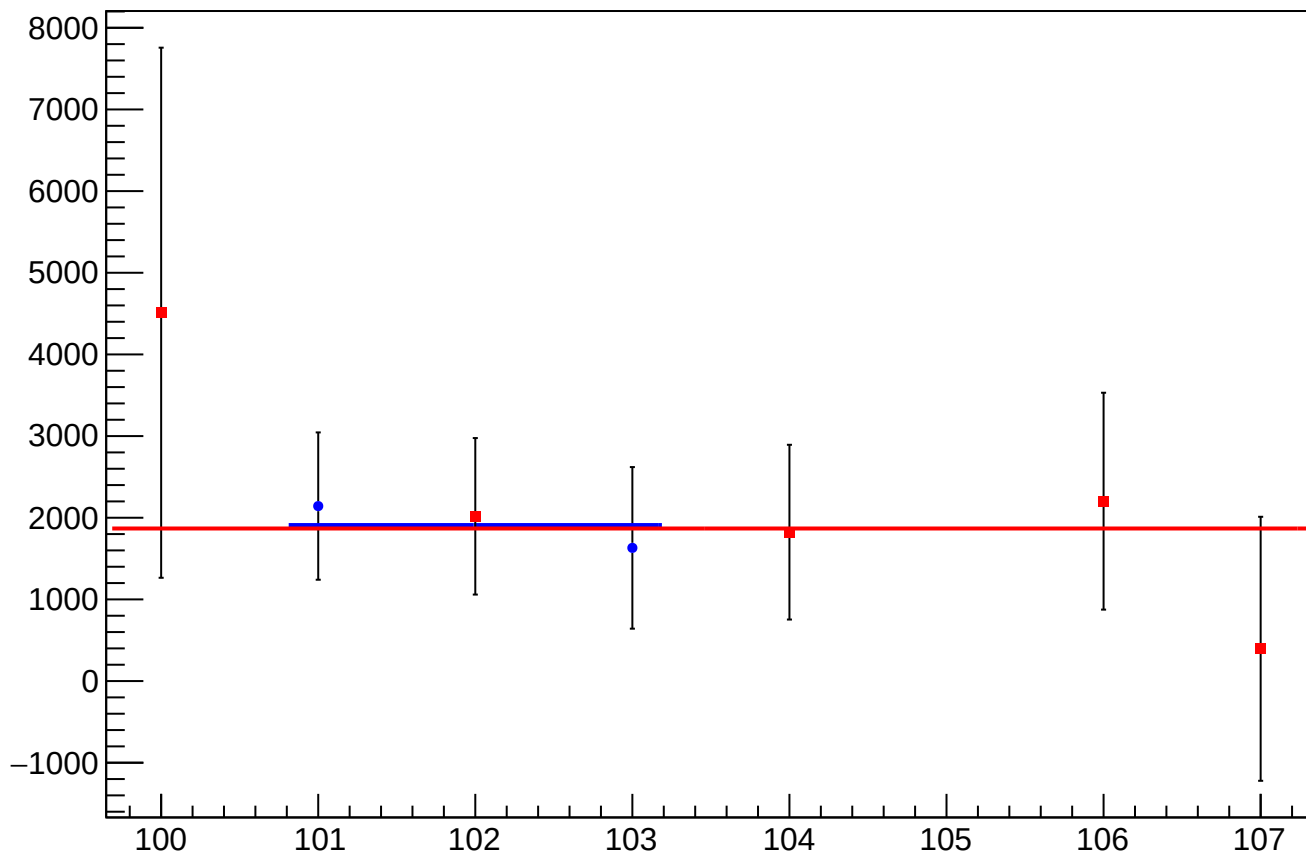
Right: 988.526+/-0.410 χ^2/NDF : 262185.4/6

In: 904.943+/-0.580 χ^2/NDF : 76086.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 988.526+/-0.410 χ^2/NDF : 262185.4/6

overload_cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 1910.521+/-666.609 χ^2/NDF : 0.1/1

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

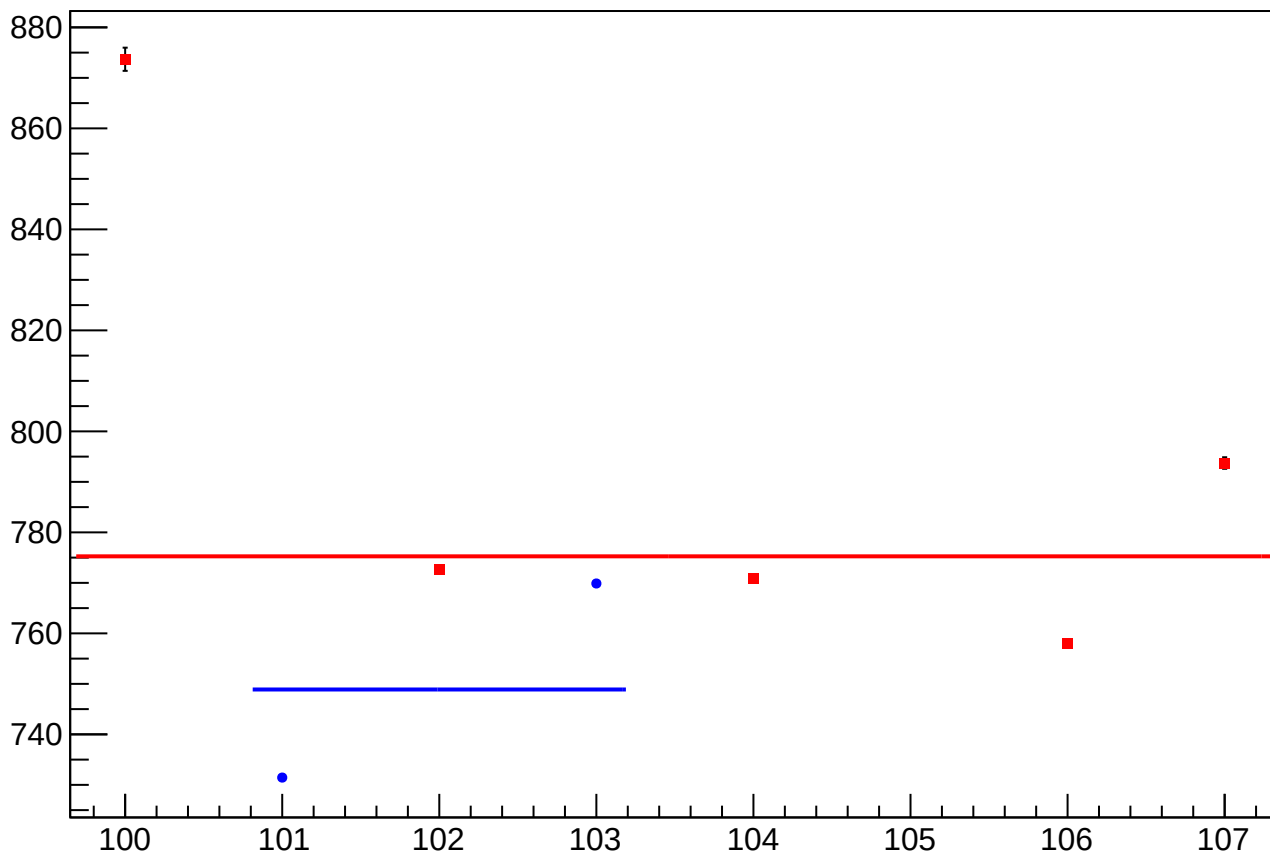
Right: 1886.372+/-436.132 χ^2/NDF : 1.7/6

In: 1910.521+/-666.609 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1886.372+/-436.132 χ^2/NDF : 1.7/6

overload_cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 748.886 $\pm$ 0.471 χ^2 /NDF: 1647.8/1

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

Right Out: 775.254 $\pm$ 0.408 χ^2 /NDF: 2483.2/4

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

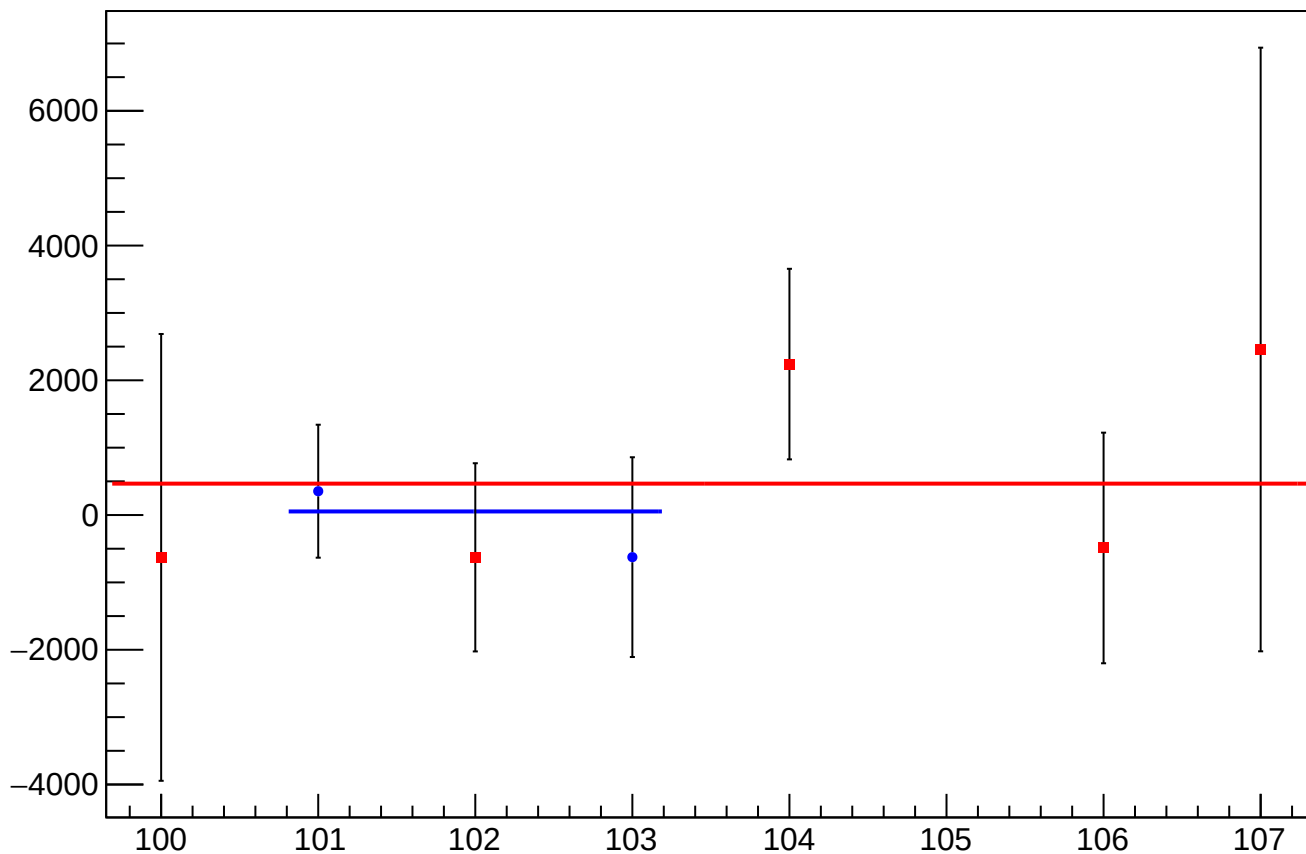
Right: 763.967 $\pm$ 0.308 χ^2 /NDF: 5920.9/6

In: 748.886 $\pm$ 0.471 χ^2 /NDF:1647.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 763.967 $\pm$ 0.308 χ^2 /NDF: 5920.9/6

asym_us_avg_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 53.261+/-821.544 χ^2/NDF : 0.3/1

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

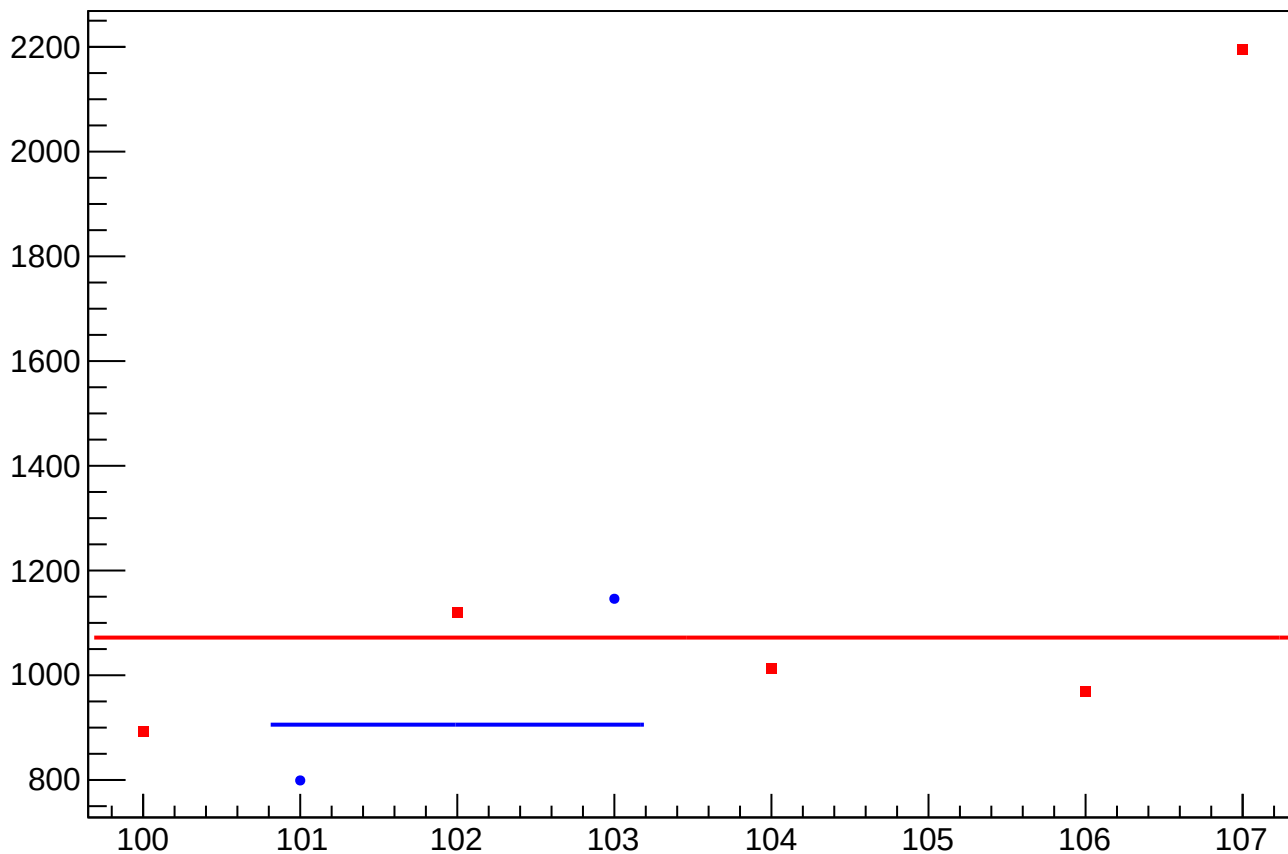
Right: 260.562+/-579.668 χ^2/NDF : 3.2/6

In: 53.261+/-821.544 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 260.562+/-579.668 χ^2/NDF : 3.2/6

asym_us_avg_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 905.645+/-0.581 χ^2/NDF : 75875.2/1

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

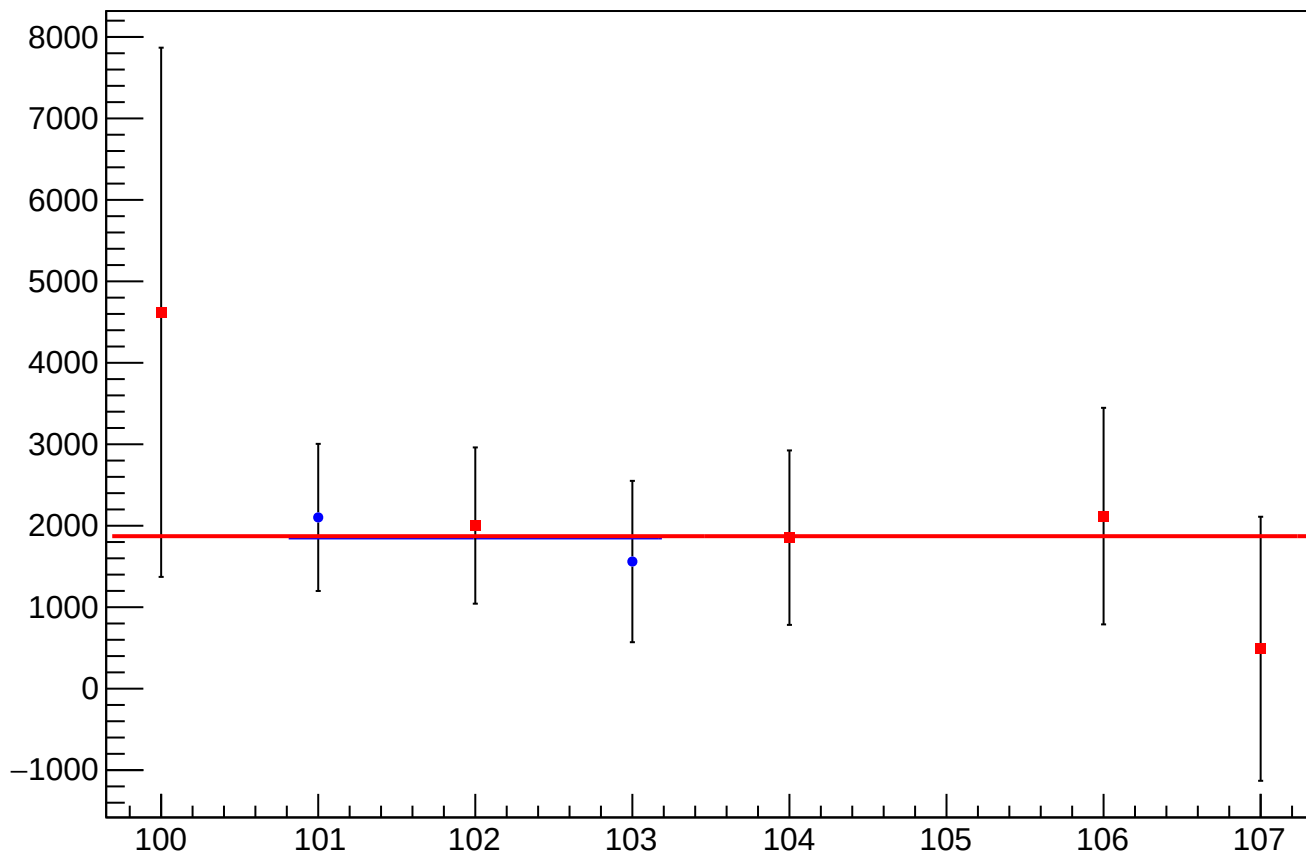
Right: 989.149+/-0.410 χ^2/NDF : 261749.4/6

In: 905.645+/-0.581 χ^2/NDF : 75875.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 989.149+/-0.410 χ^2/NDF : 261749.4/6

eigen_cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 1856.266+/-667.235 χ^2/NDF : 0.2/1

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

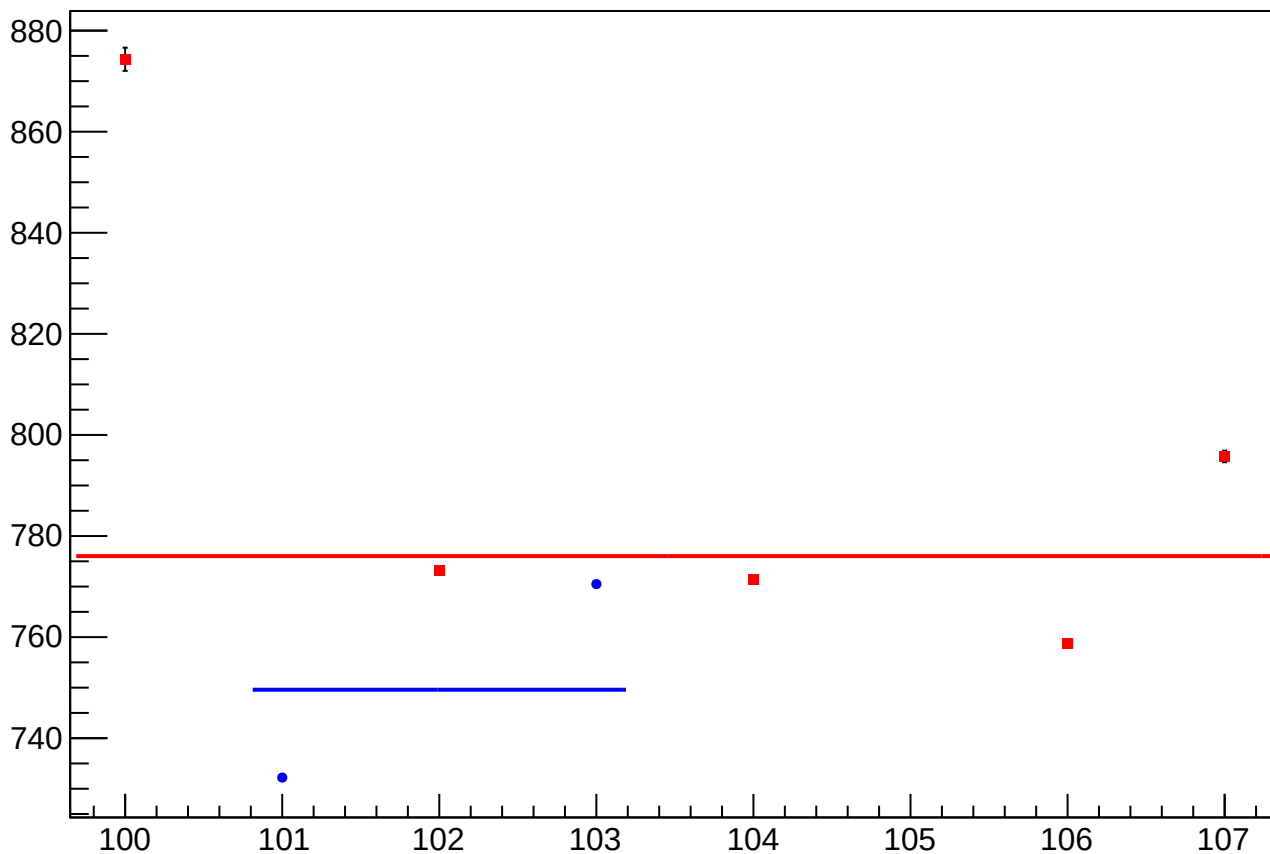
Right: 1865.110+/-436.556 χ^2/NDF : 1.7/6

In: 1856.266+/-667.235 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1865.110+/-436.556 χ^2/NDF : 1.7/6

eigen_cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 749.590 ± 0.472 $\chi^2/\text{NDF}: 1632.1/1$

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

Right Out: 776.027 ± 0.408 $\chi^2/\text{NDF}: 2517.6/4$

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

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

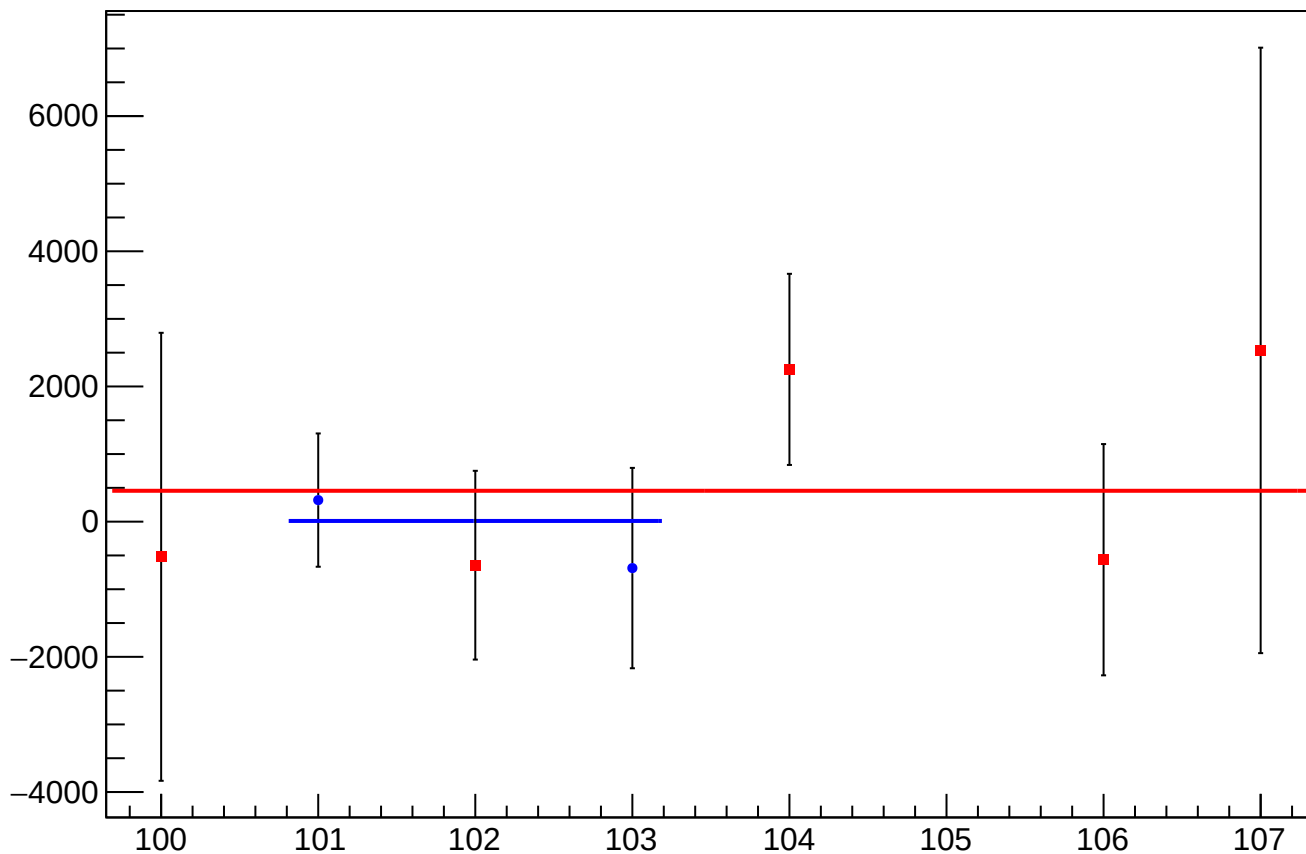
Right: 764.710 ± 0.309 $\chi^2/\text{NDF}: 5945.2/6$

In: 749.590 ± 0.472 $\chi^2/\text{NDF}: 1632.1/1$

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

All: 764.710 ± 0.309 $\chi^2/\text{NDF}: 5945.2/6$

asym_us_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 10.333+/-820.946 χ^2/NDF : 0.3/1

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

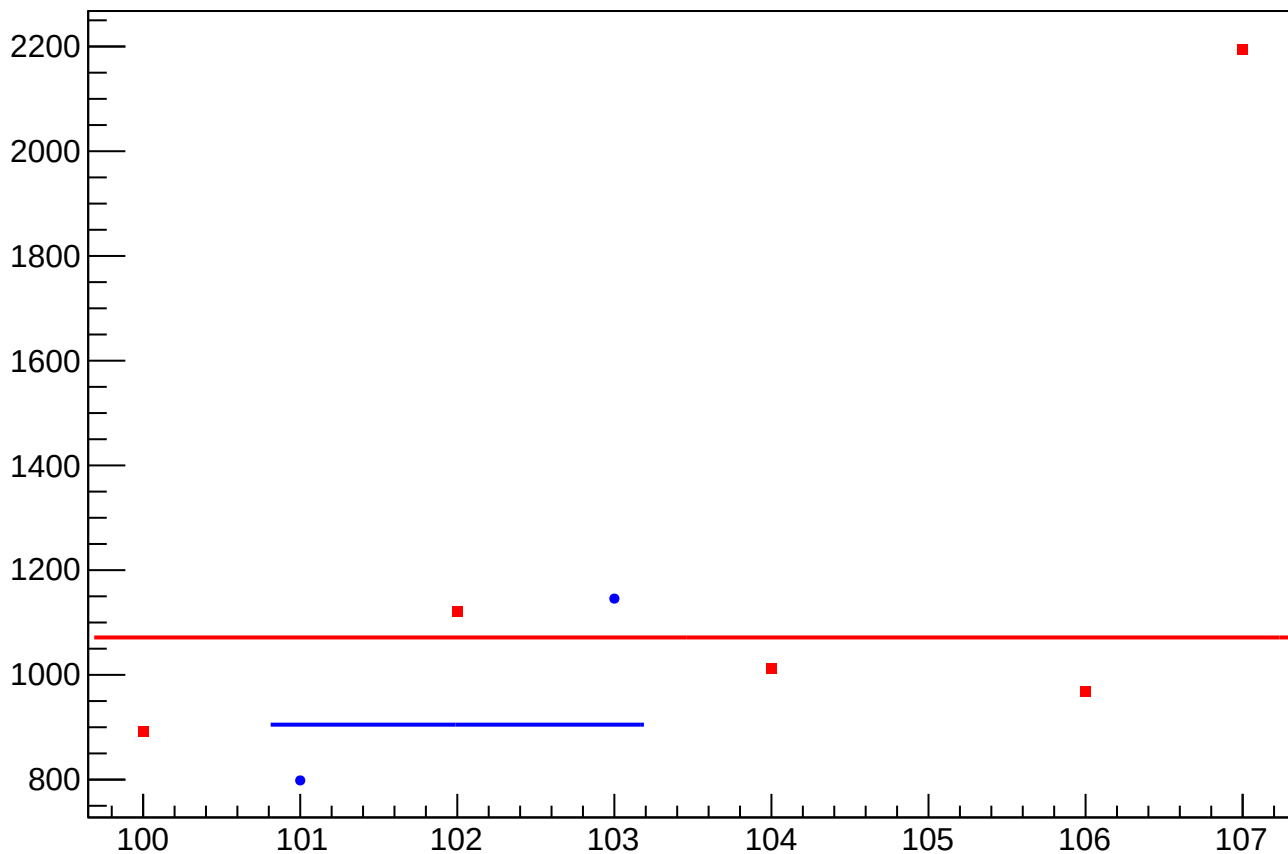
Right: 234.428+/-579.328 χ^2/NDF : 3.4/6

In: 10.333+/-820.946 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 234.428+/-579.328 χ^2/NDF : 3.4/6

asym_us_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 904.943+/-0.580 χ^2/NDF : 76086.5/1

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

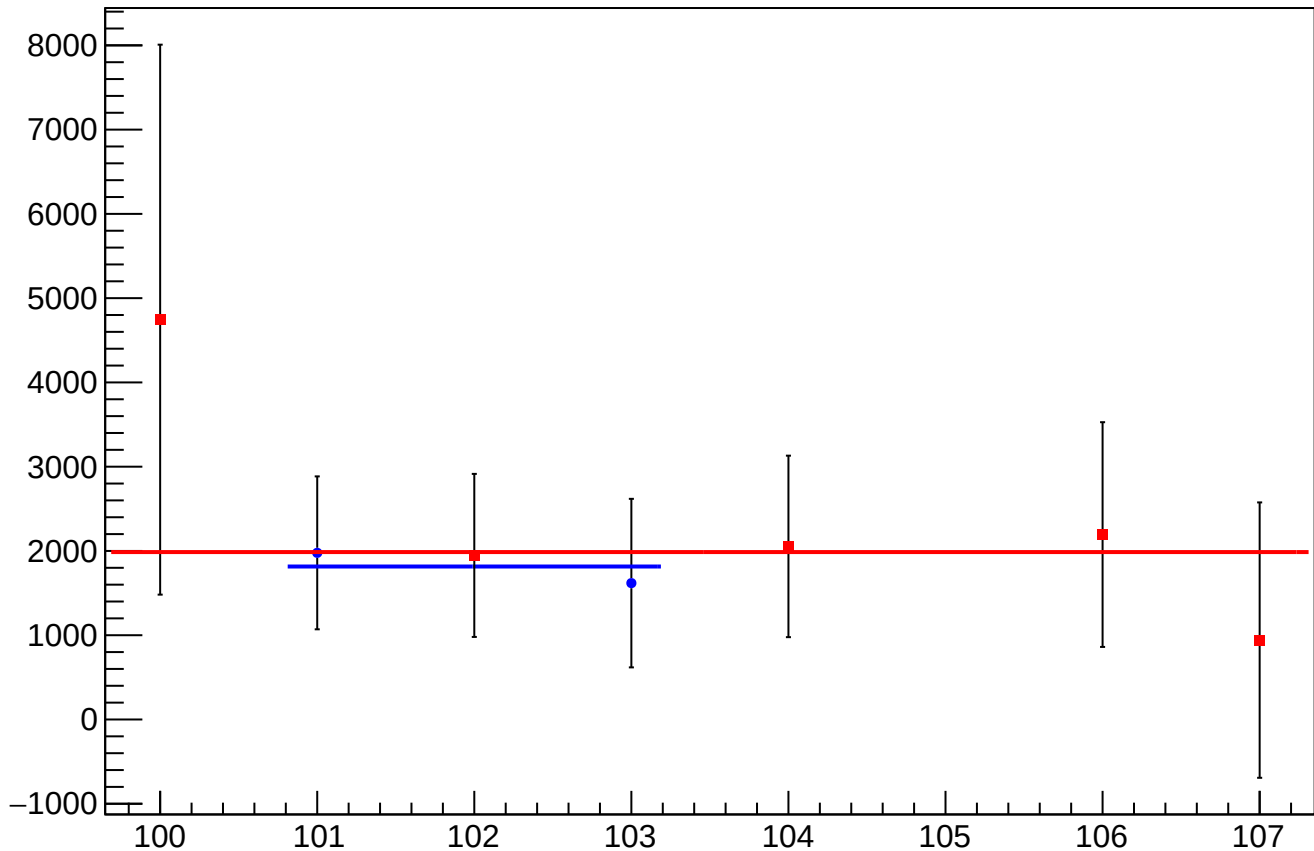
Right: 988.526+/-0.410 χ^2/NDF : 262185.4/6

In: 904.943+/-0.580 χ^2/NDF : 76086.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 988.526+/-0.410 χ^2/NDF : 262185.4/6

dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 1815.357+/-671.992 χ^2/NDF : 0.1/1

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

Right Out: 1986.764+/-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

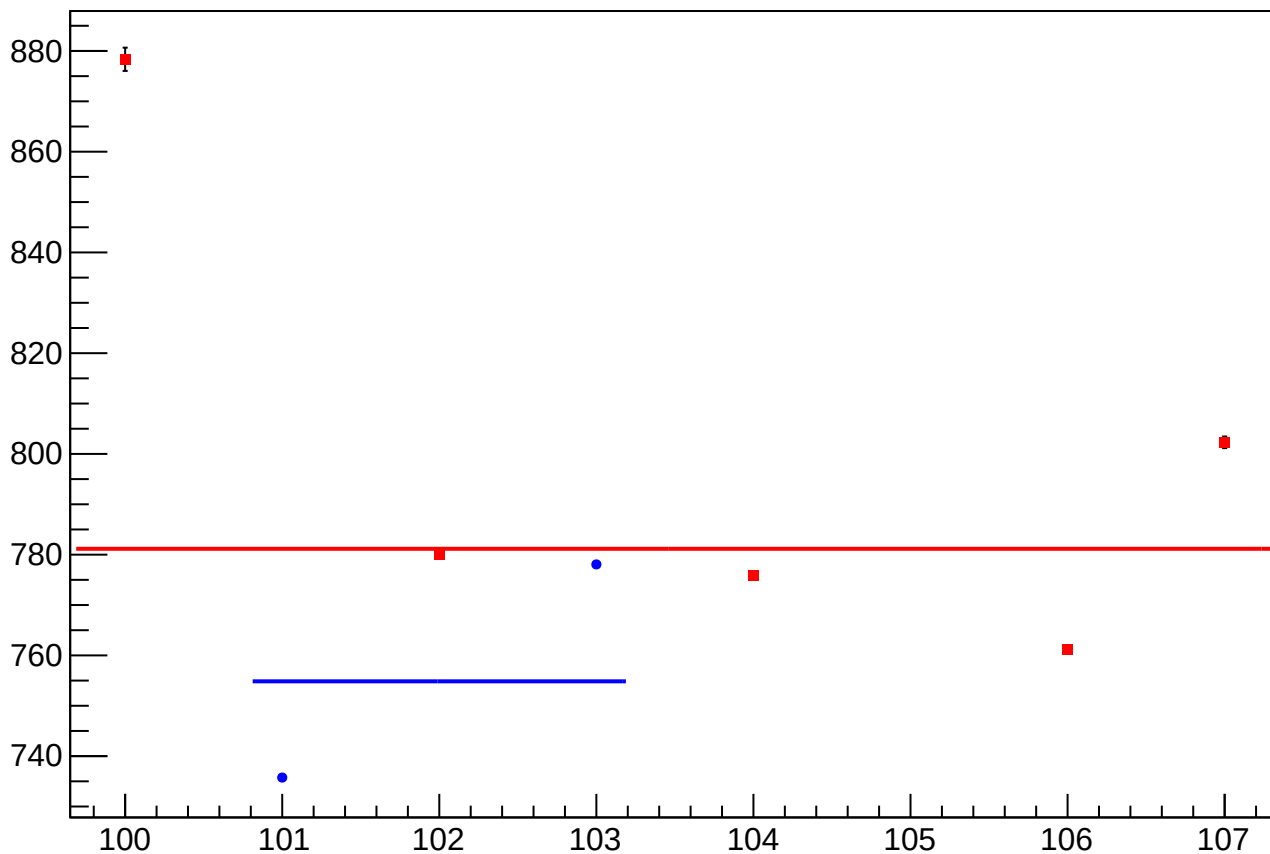
Right: 1913.428+/-439.549 χ^2/NDF : 1.3/6

In: 1815.357+/-671.992 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1913.428+/-439.549 χ^2/NDF : 1.3/6

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 754.853+/-0.475 χ^2/NDF : 1964.3/1

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

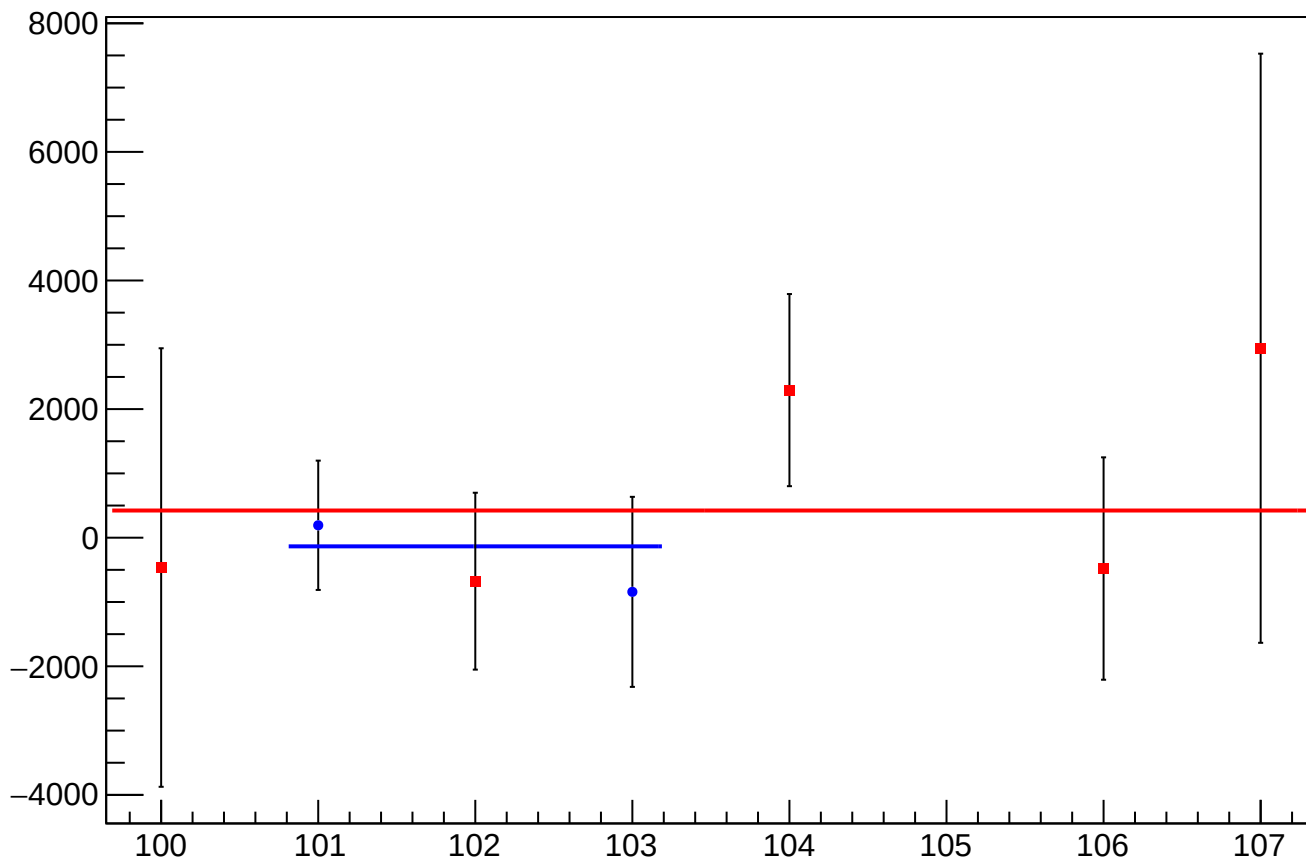
Right: 769.908+/-0.311 χ^2/NDF : 6324.6/6

In: 754.853+/-0.475 χ^2/NDF : 1964.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 769.908+/-0.311 χ^2/NDF : 6324.6/6

asym_us_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -134.615 $\pm$ 831.313 χ^2 /NDF: 0.3/1

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

Right Out: 422.794 $\pm$ -831.988 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

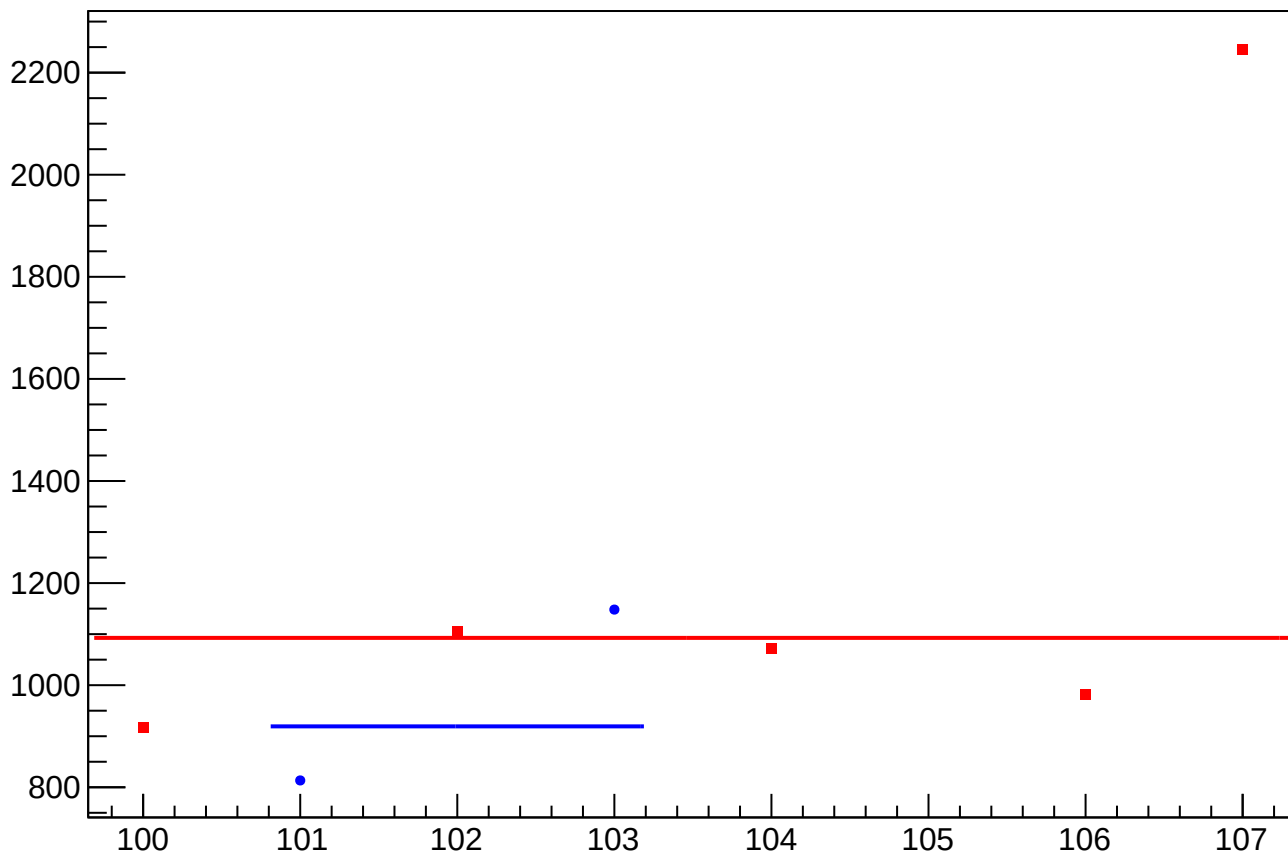
Right: 143.863 $\pm$ -588.066 χ^2 /NDF: 3.4/6

In: -134.615 $\pm$ 831.313 χ^2 /NDF:0.3/1

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

All: 143.863 $\pm$ -588.066 χ^2 /NDF: 3.4/6

asym_us_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 919.316+/-0.588 χ^2/NDF : 70124.6/1

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

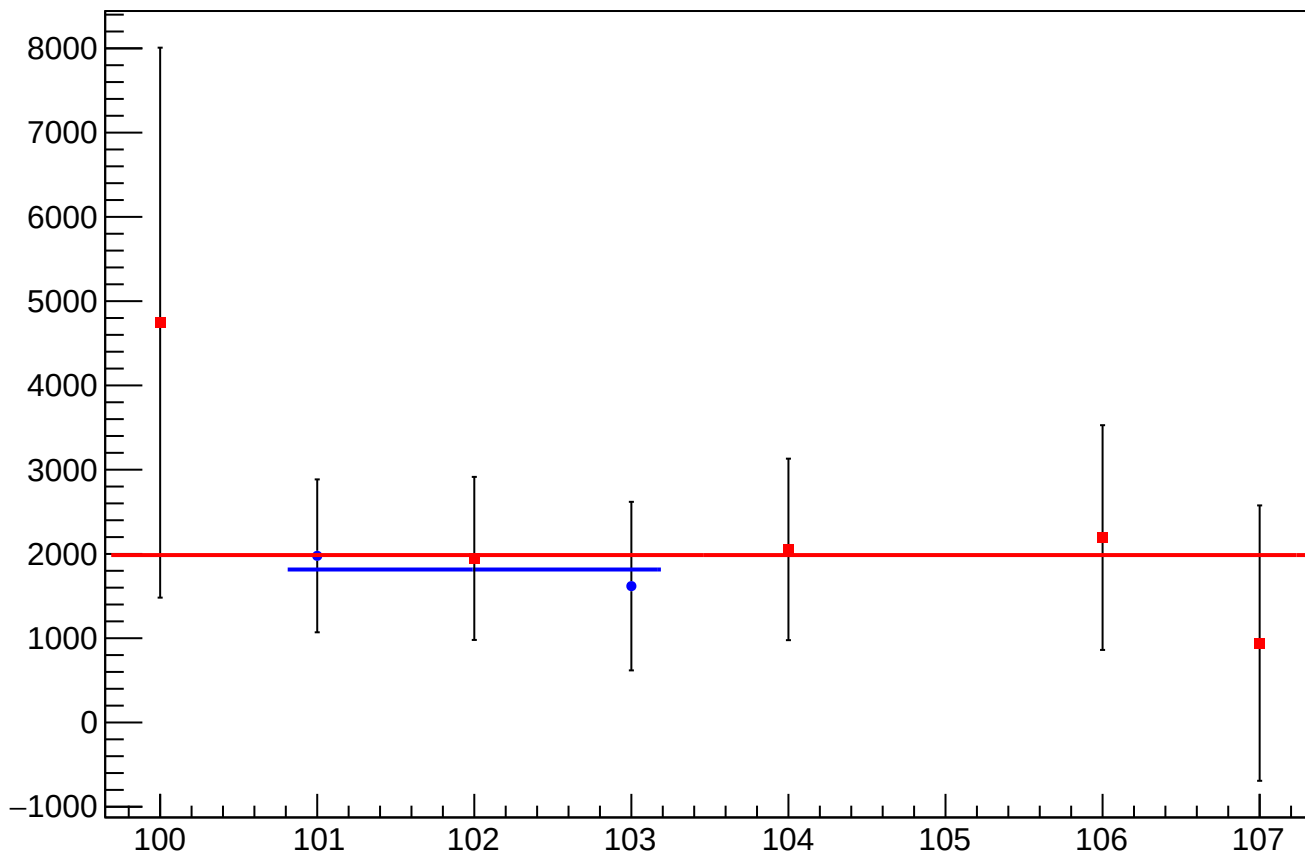
Right: 1005.915+/-0.416 χ^2/NDF : 254357.2/6

In: 919.316+/-0.588 χ^2/NDF : 70124.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1005.915+/-0.416 χ^2/NDF : 254357.2/6

eigen_dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 1815.355+/-671.992 χ^2/NDF : 0.1/1

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

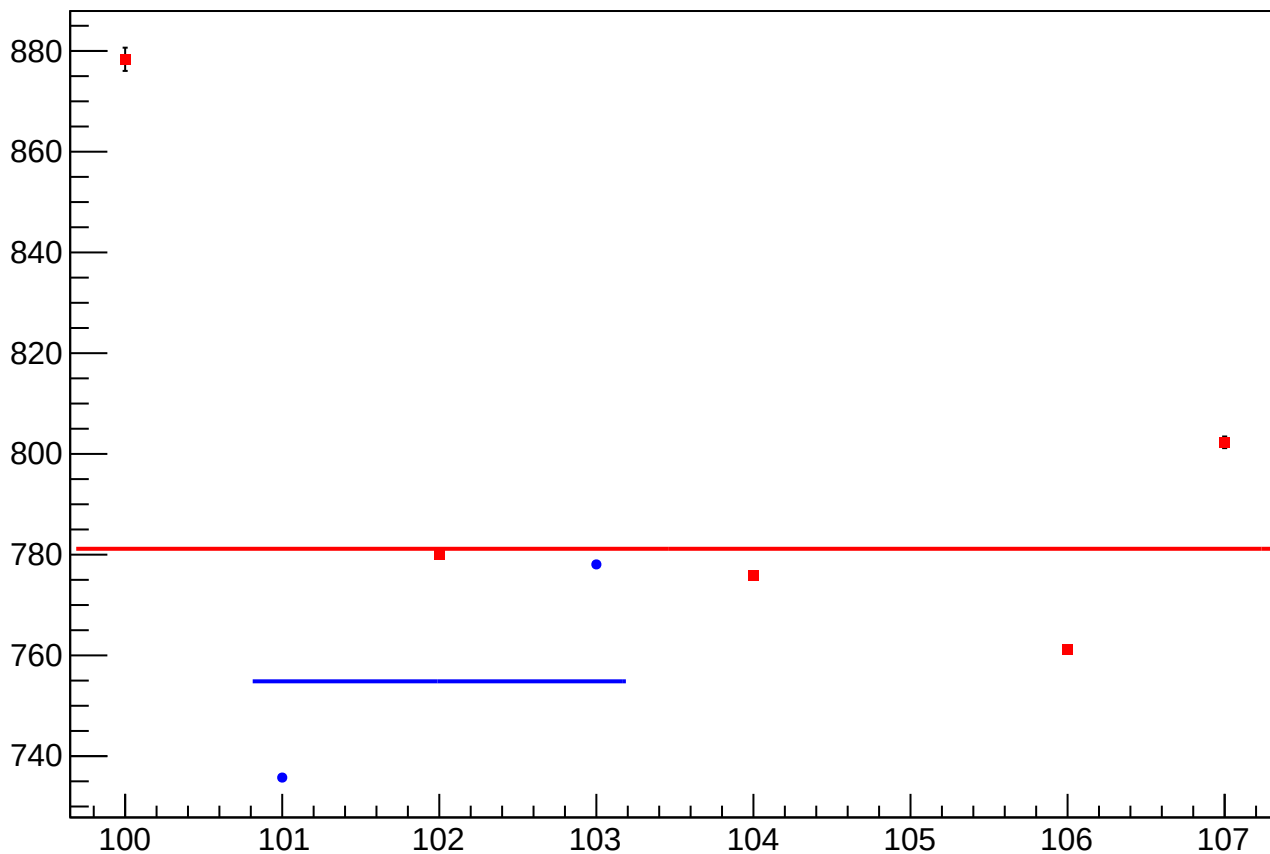
Right: 1913.424+/-439.549 χ^2/NDF : 1.3/6

In: 1815.355+/-671.992 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1913.424+/-439.549 χ^2/NDF : 1.3/6

eigen_dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 754.853 $\pm$ 0.475 χ^2 /NDF: 1964.3/1

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

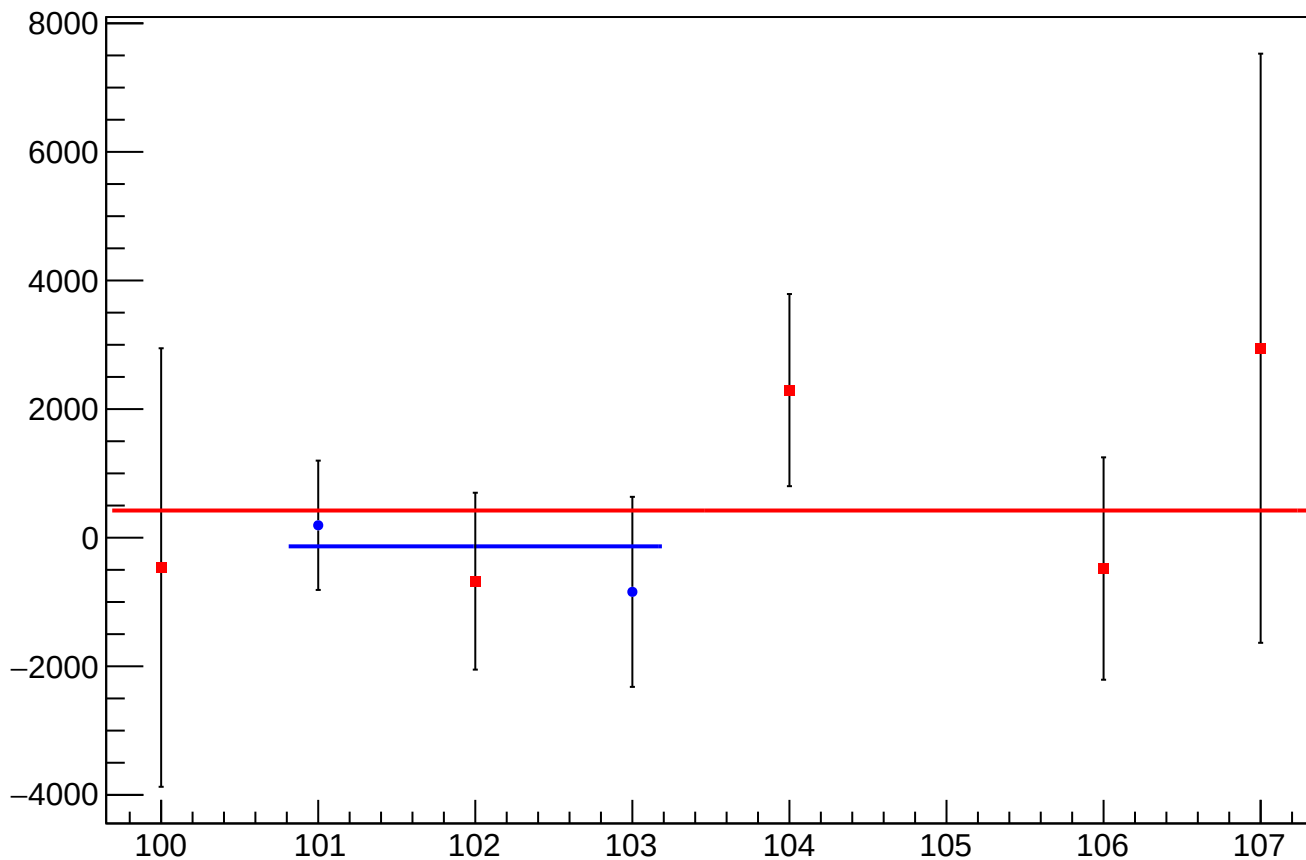
Right: 769.908 $\pm$ 0.311 χ^2 /NDF: 6324.6/6

In: 754.853 $\pm$ 0.475 χ^2 /NDF:1964.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 769.908 $\pm$ 0.311 χ^2 /NDF: 6324.6/6

asym_us_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -134.616+/-831.312 χ^2/NDF : 0.3/1

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

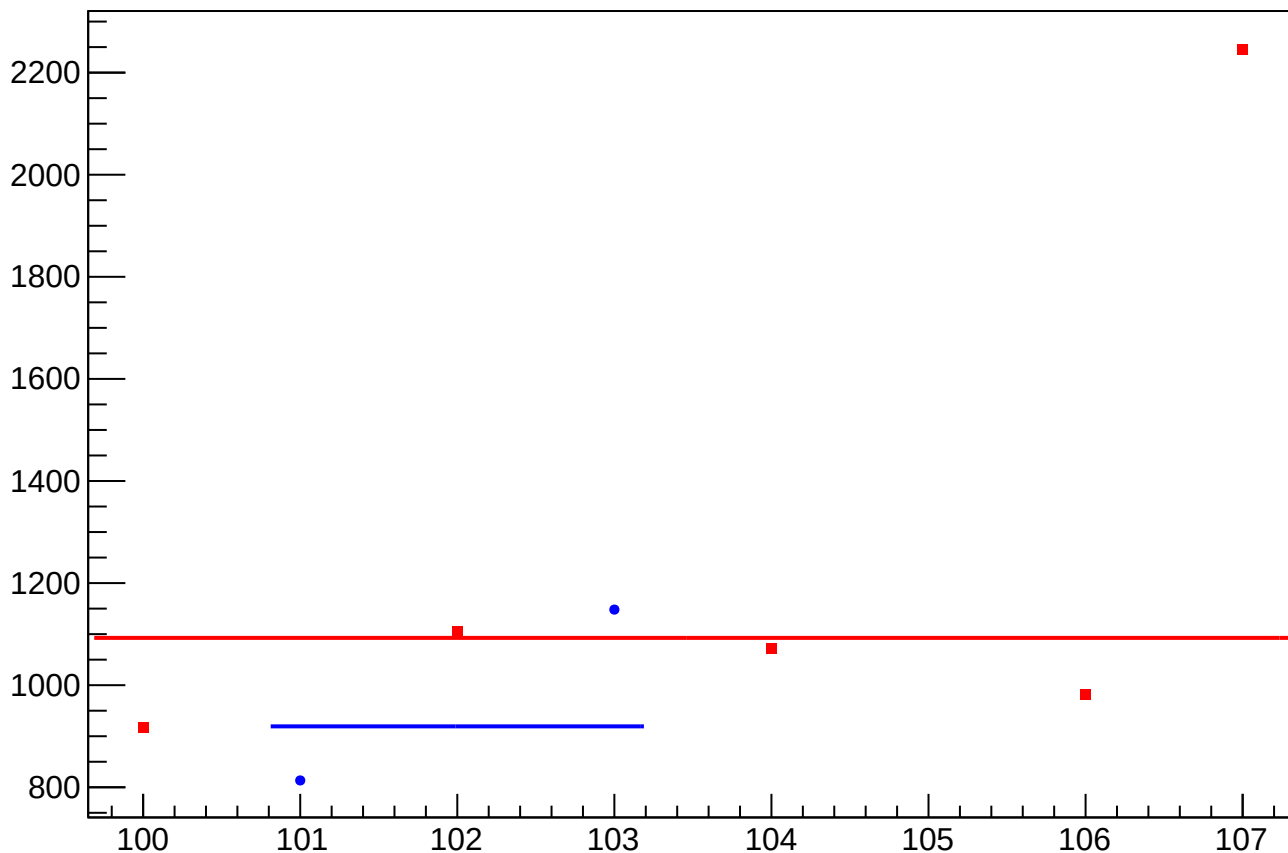
Right: 143.861+/-588.065 χ^2/NDF : 3.4/6

In: -134.616+/-831.312 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.861+/-588.065 χ^2/NDF : 3.4/6

asym_us_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 919.314+/-0.588 χ^2/NDF : 70124.1/1

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

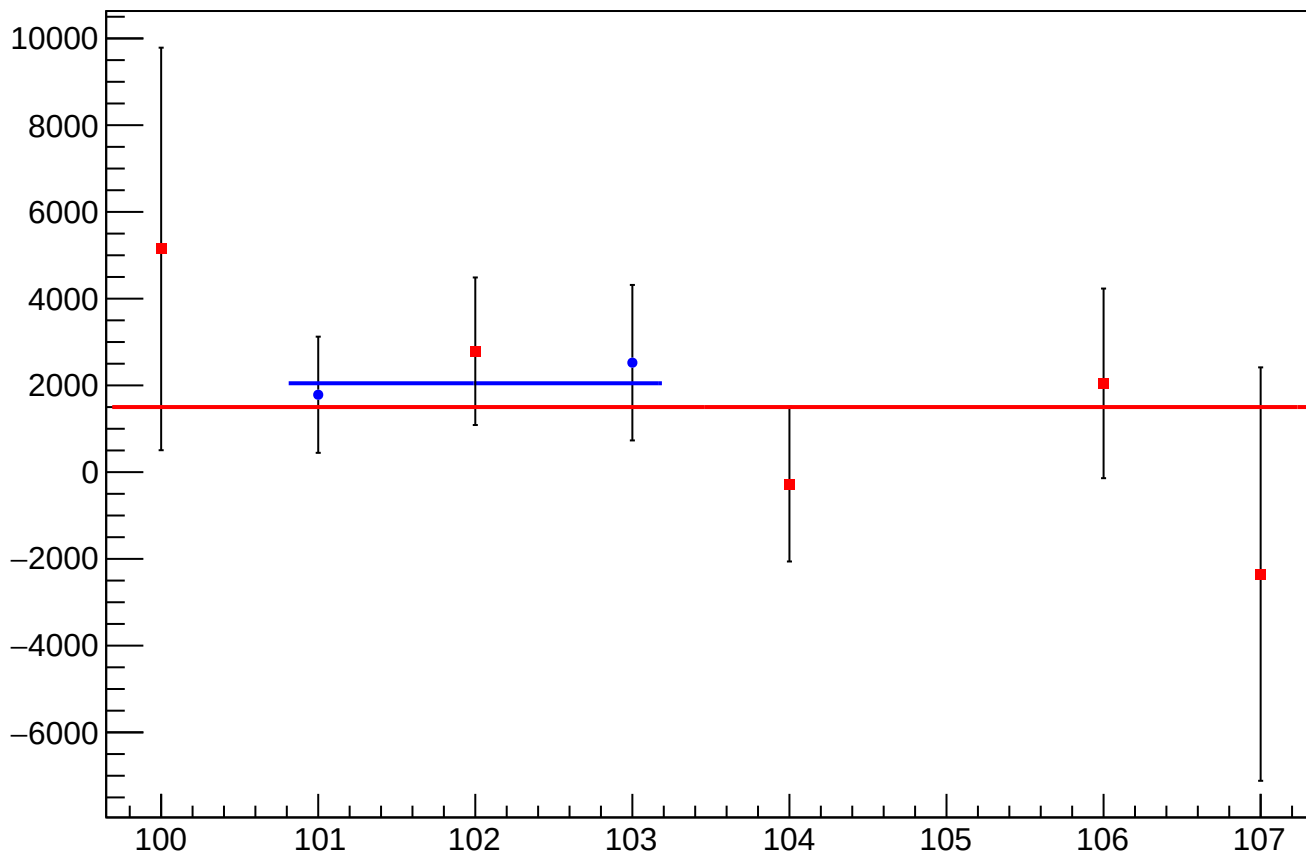
Right: 1005.914+/-0.416 χ^2/NDF : 254355.3/6

In: 919.314+/-0.588 χ^2/NDF : 70124.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1005.914+/-0.416 χ^2/NDF : 254355.3/6

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2049.167+/-1072.891 χ^2/NDF : 0.1/1

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

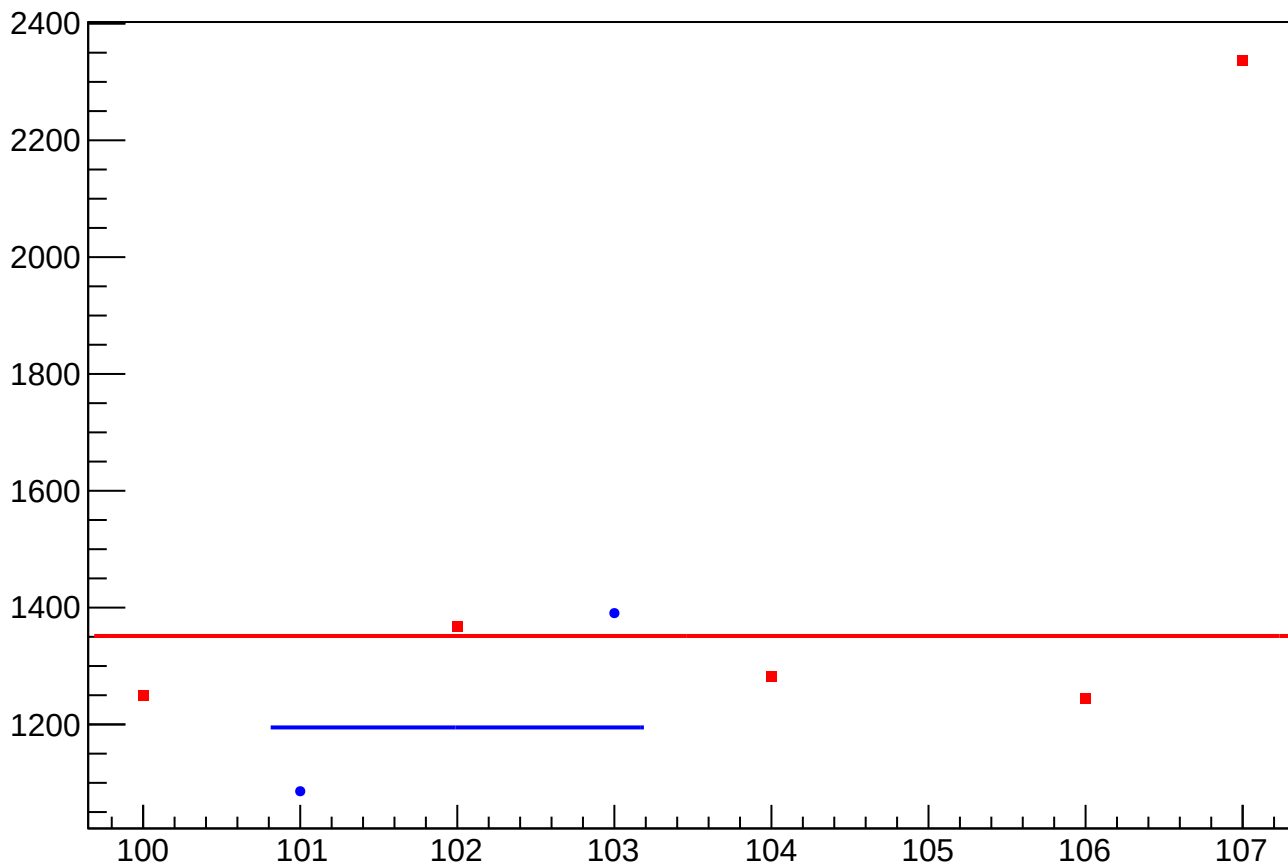
Right: 1761.369+/-739.542 χ^2/NDF : 3.1/6

In: 2049.167+/-1072.891 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1761.369+/-739.542 χ^2/NDF : 3.1/6

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1194.872+/-0.759 χ^2/NDF : 37147.3/1

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

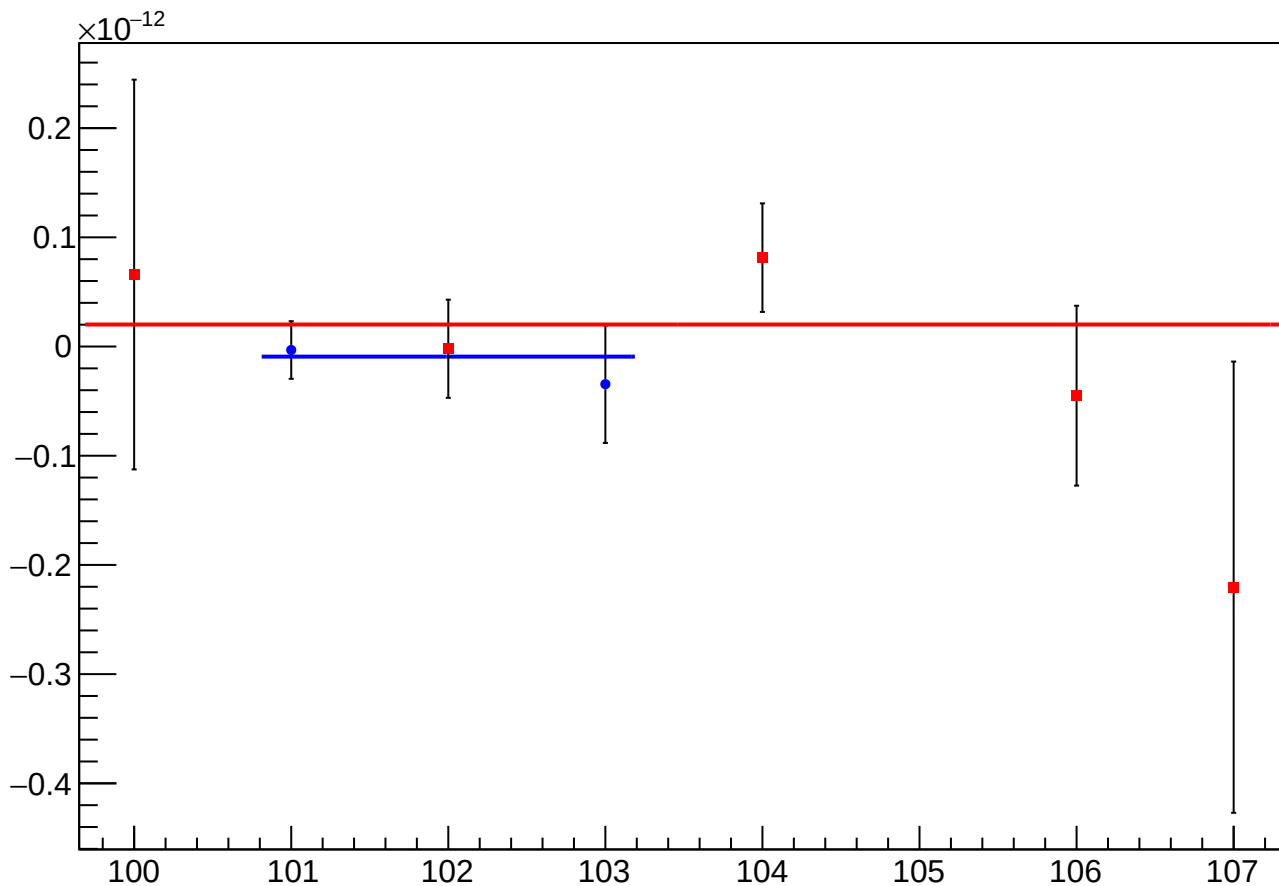
Right: 1277.052+/-0.523 χ^2/NDF : 153959.5/6

In: 1194.872+/-0.759 χ^2/NDF : 37147.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1277.052+/-0.523 χ^2/NDF : 153959.5/6

asym_us_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.3/1

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

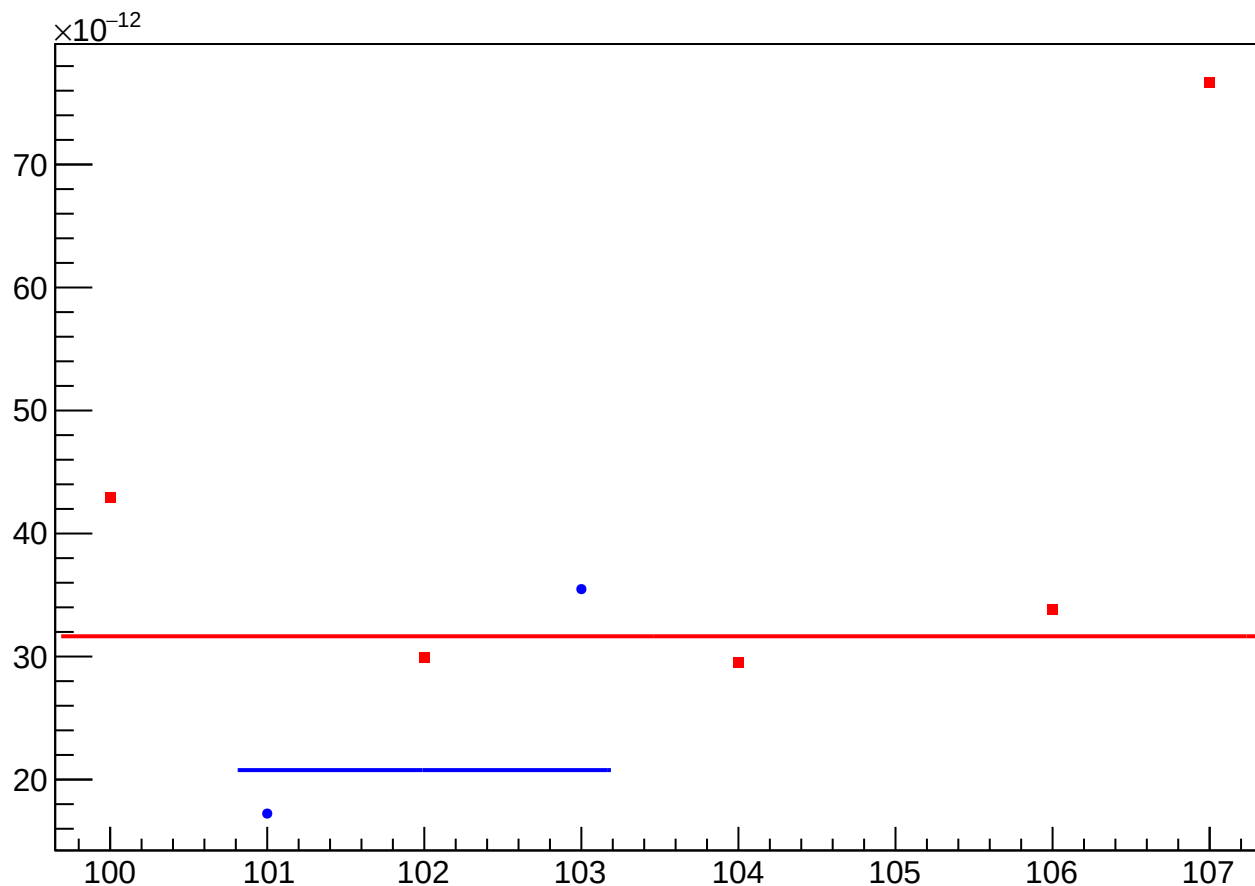
Right: 0.000+/-0.000 χ^2/NDF : 4.7/6

In: -0.000+/-0.000 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.7/6

asym_us_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 185322.5/1

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

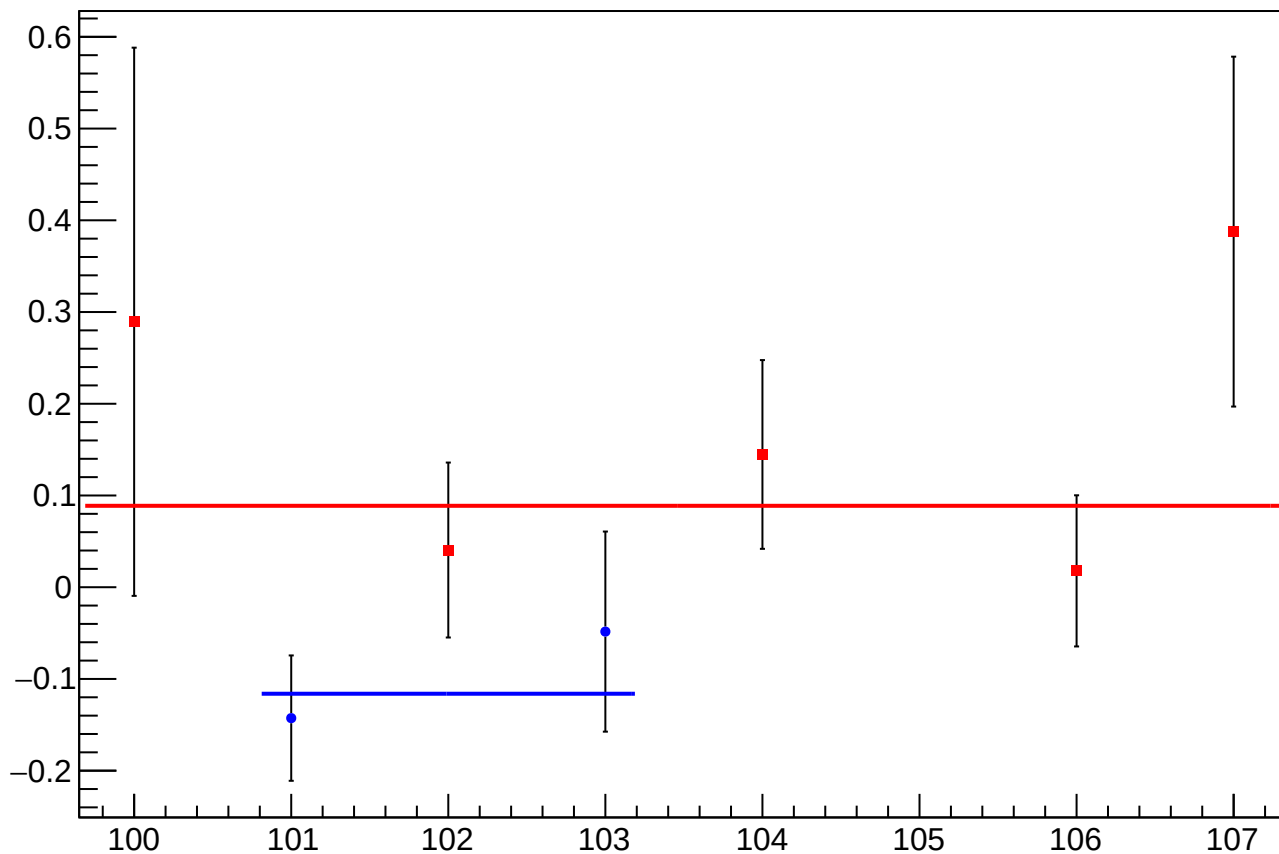
Right: 0.000+/-0.000 χ^2/NDF : 457452.0/6

In: 0.000+/-0.000 χ^2/NDF : 185322.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 457452.0/6

asym_us_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.116 $\pm$ 0.058 χ^2 /NDF: 0.5/1

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

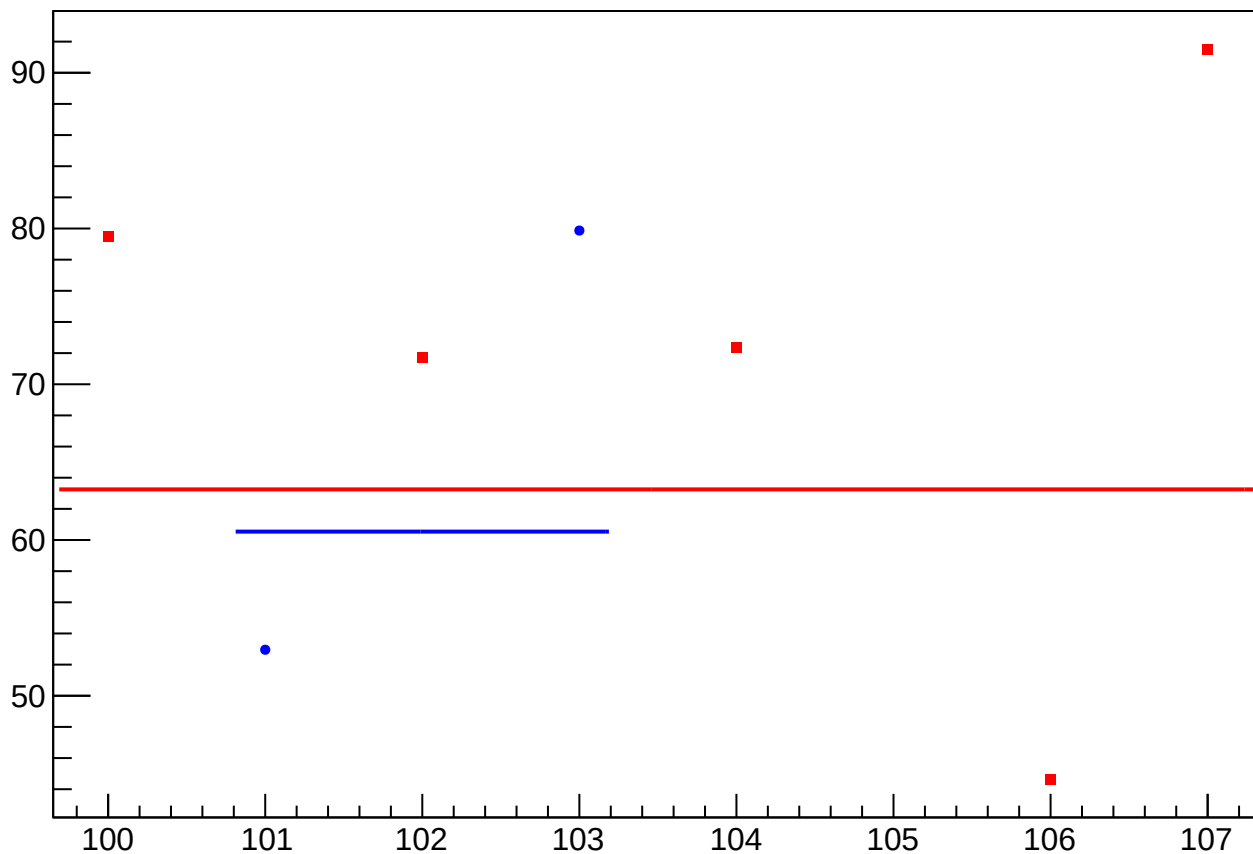
Right: 0.000 $\pm$ 0.038 χ^2 /NDF: 11.8/6

In: -0.116 $\pm$ 0.058 χ^2 /NDF:0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.038 χ^2 /NDF: 11.8/6

asym_us_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.540 $\pm$ 0.041 χ^2 /NDF: 87440.4/1

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

Right Out: 63.251 $\pm$ 0.036 χ^2 /NDF: 183581.5/4

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

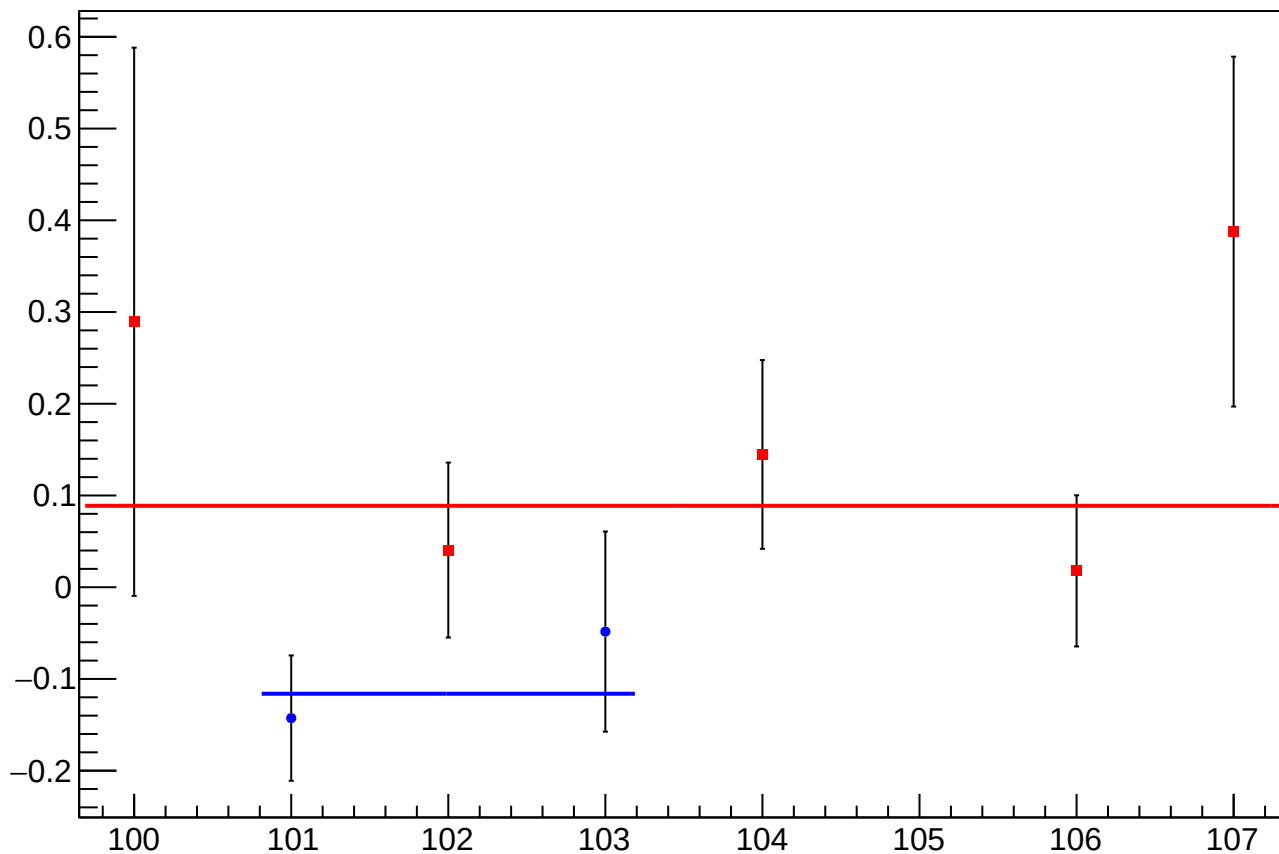
Right: 62.077 $\pm$ 0.027 χ^2 /NDF: 273507.0/6

In: 60.540 $\pm$ 0.041 χ^2 /NDF:87440.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 62.077 $\pm$ 0.027 χ^2 /NDF: 273507.0/6

asym_us_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.116 $\pm$ 0.058 χ^2 /NDF: 0.5/1

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

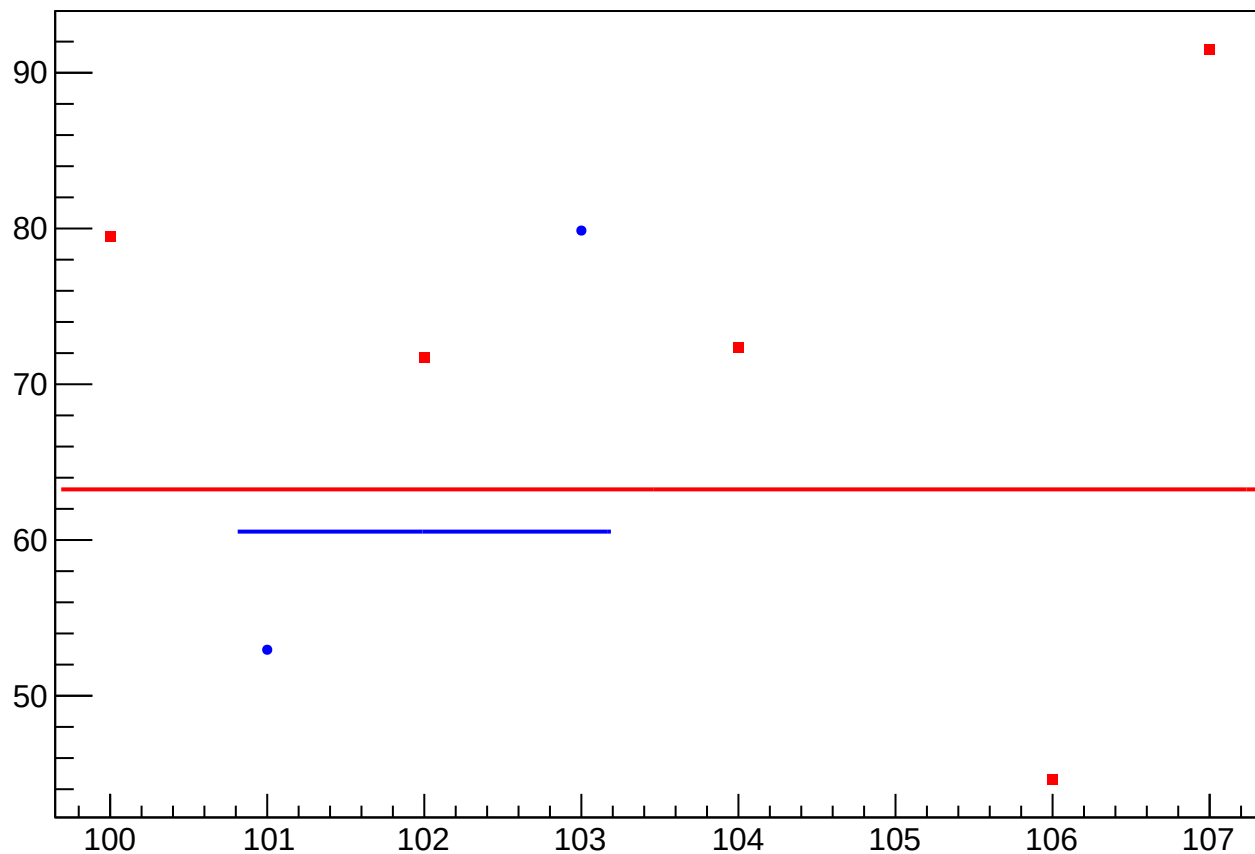
Right: 0.000 $\pm$ 0.038 χ^2 /NDF: 11.8/6

In: -0.116 $\pm$ 0.058 χ^2 /NDF:0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.038 χ^2 /NDF: 11.8/6

asym_us_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.540+/-0.041 χ^2/NDF : 87440.4/1

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

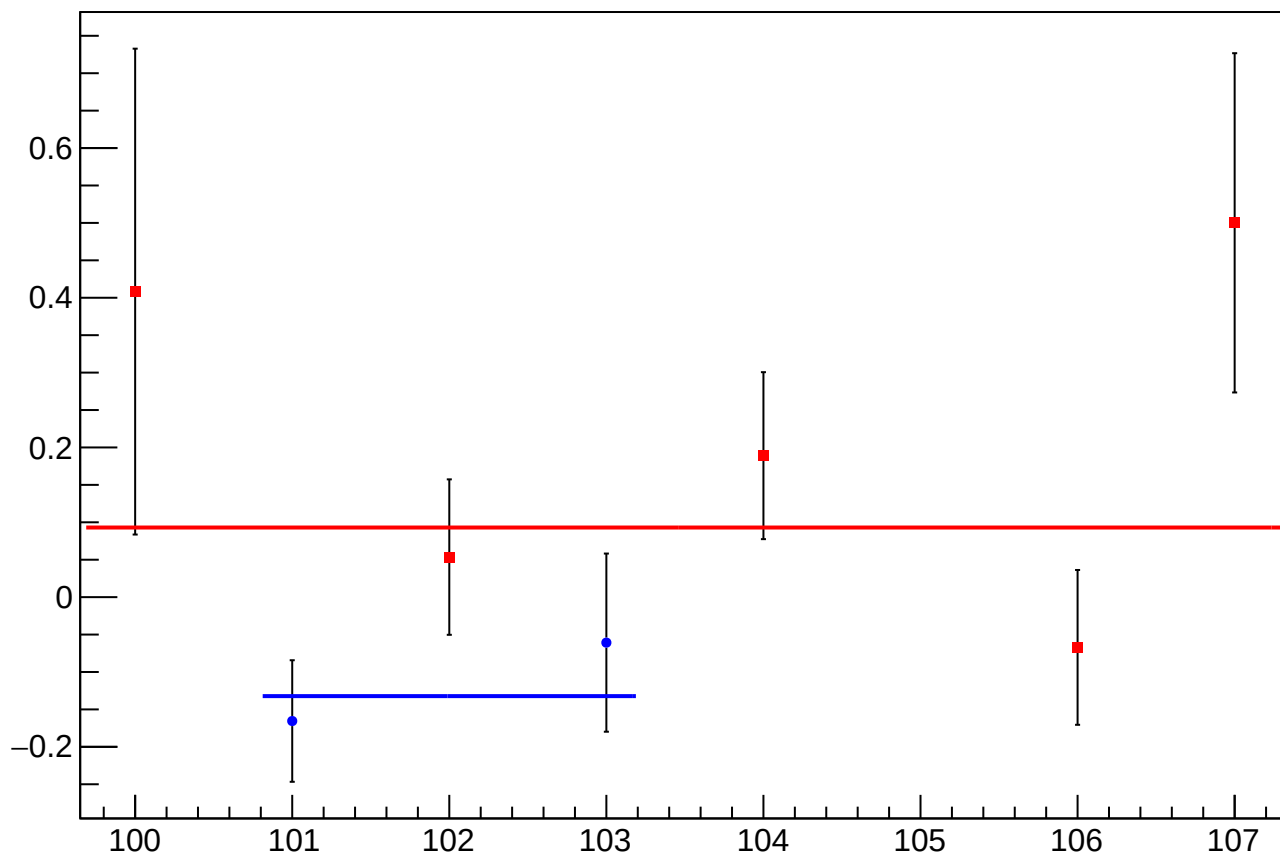
Right: 62.077+/-0.027 χ^2/NDF : 273507.0/6

In: 60.540+/-0.041 χ^2/NDF : 87440.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.077+/-0.027 χ^2/NDF : 273507.0/6

asym_us_avg_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.132 $\pm$ 0.067 χ^2 /NDF: 0.5/1

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

Right Out: 0.093 $\pm$ 0.058 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

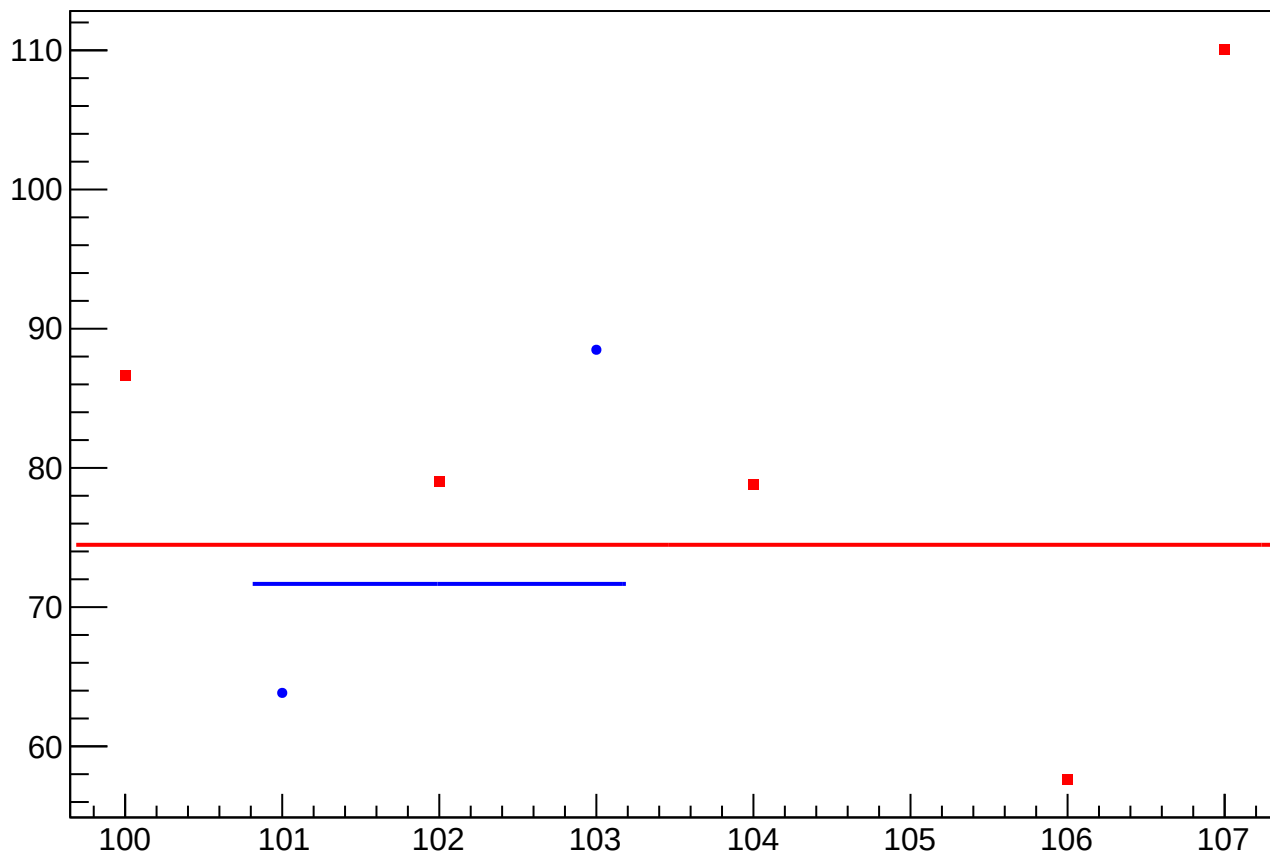
Right: -0.004 $\pm$ 0.044 χ^2 /NDF: 14.4/6

In: -0.132 $\pm$ 0.067 χ^2 /NDF:0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.044 χ^2 /NDF: 14.4/6

asym_us_avg_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 71.669+/-0.047 χ^2/NDF : 58533.3/1

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

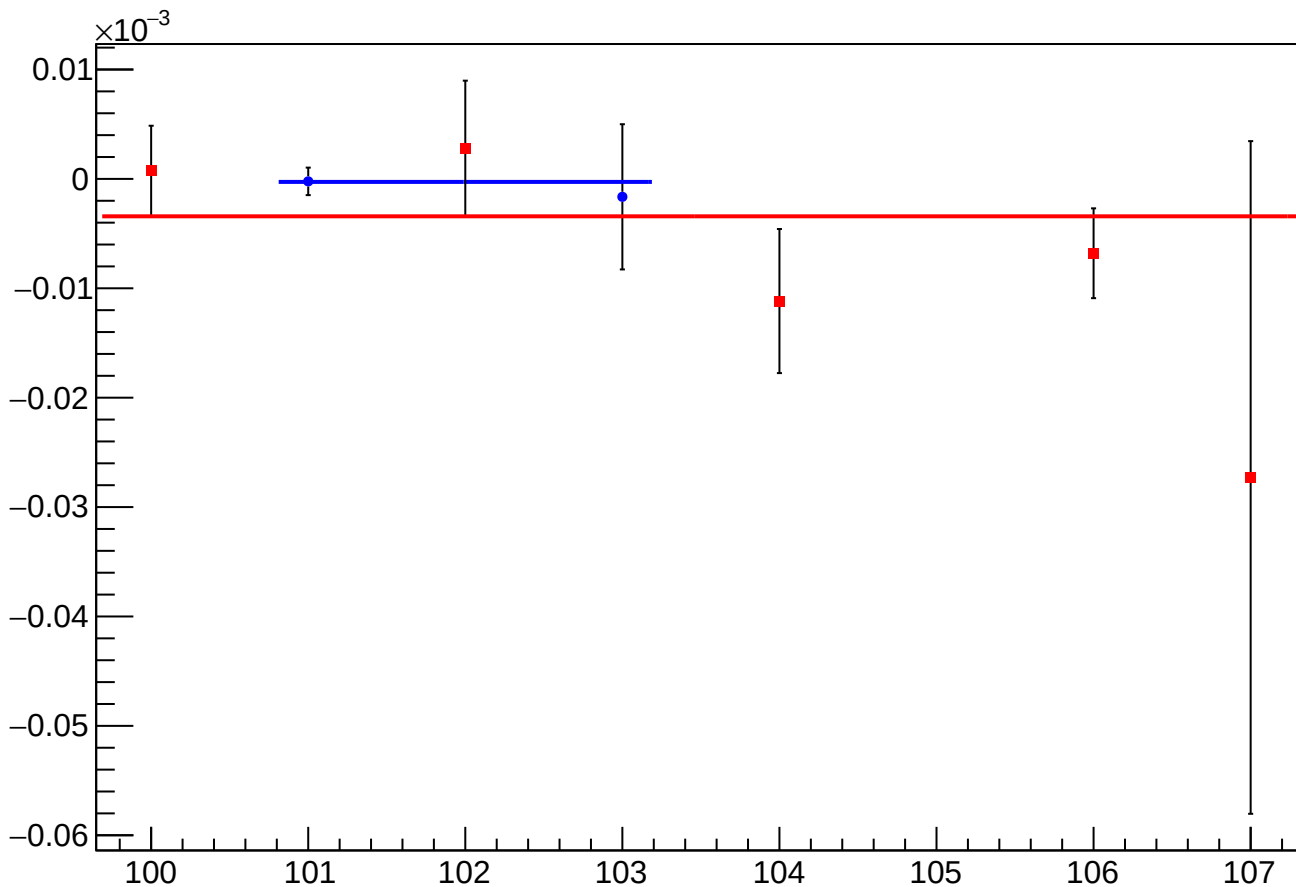
Right: 73.272+/-0.031 χ^2/NDF : 172681.7/6

In: 71.669+/-0.047 χ^2/NDF : 58533.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.272+/-0.031 χ^2/NDF : 172681.7/6

asym_us_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/1

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

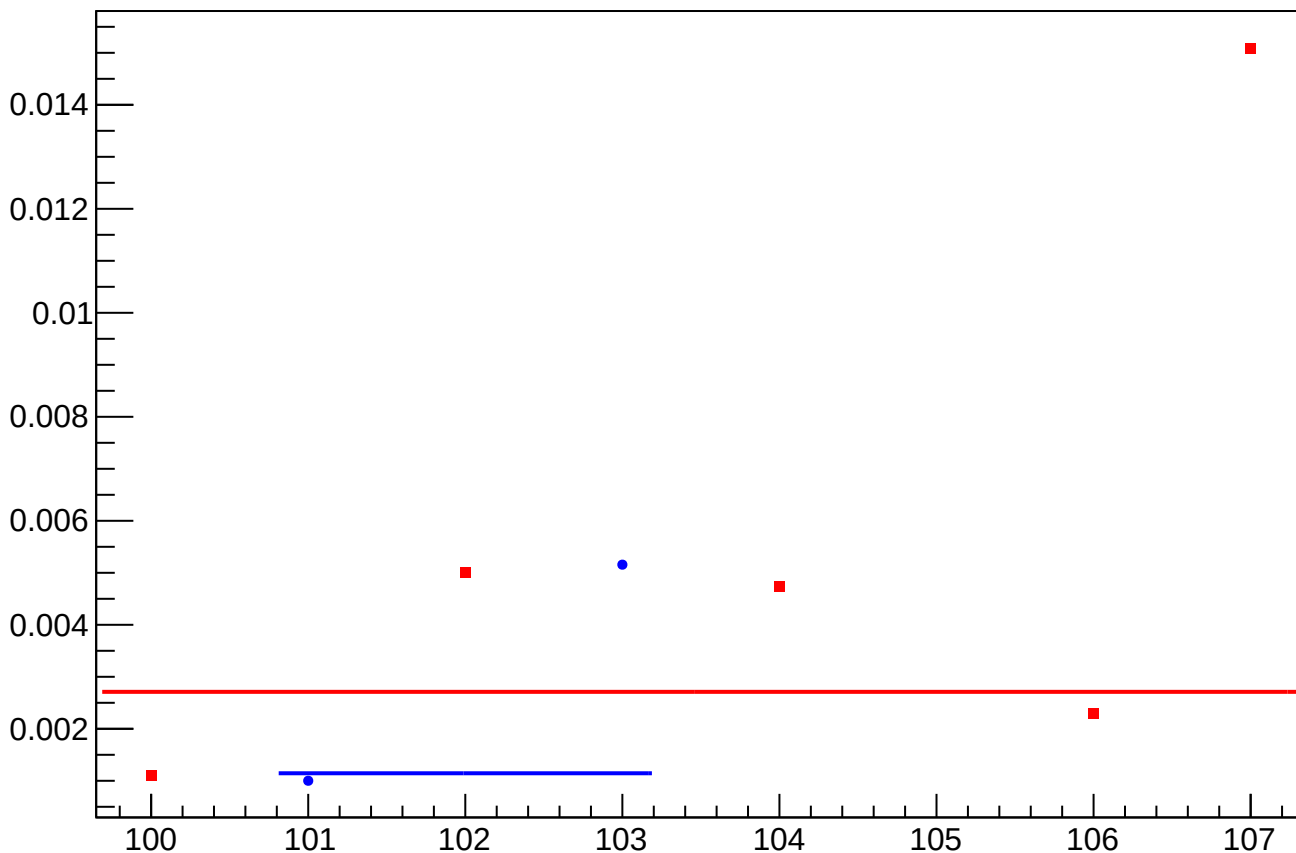
Right: -0.000+/-0.000 χ^2/NDF : 6.0/6

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.0/6

asym_us_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 756845.1/1

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

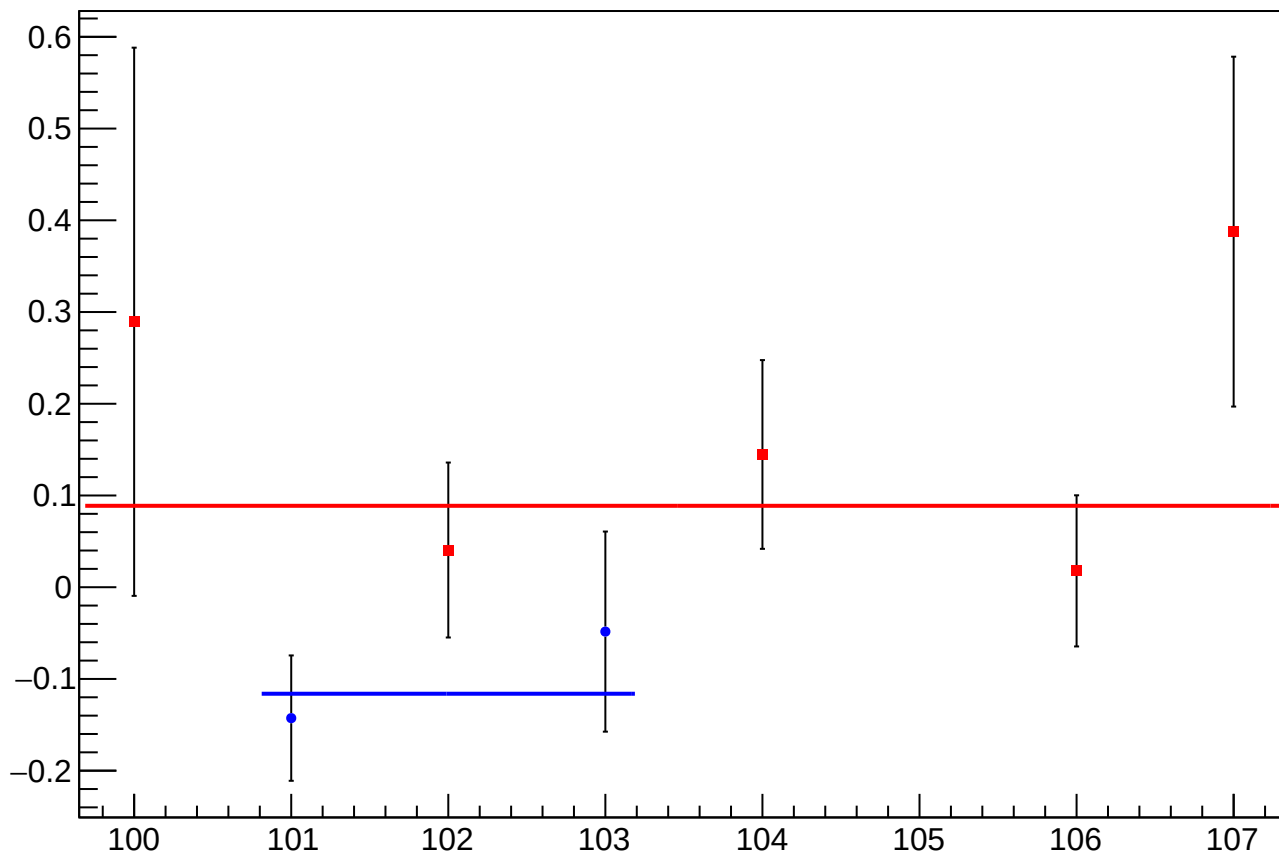
Right: 0.001+/-0.000 χ^2/NDF : 2518480.3/6

In: 0.001+/-0.000 χ^2/NDF : 756845.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2518480.3/6

asym_us_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.116 $\pm$ 0.058 χ^2 /NDF: 0.5/1

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

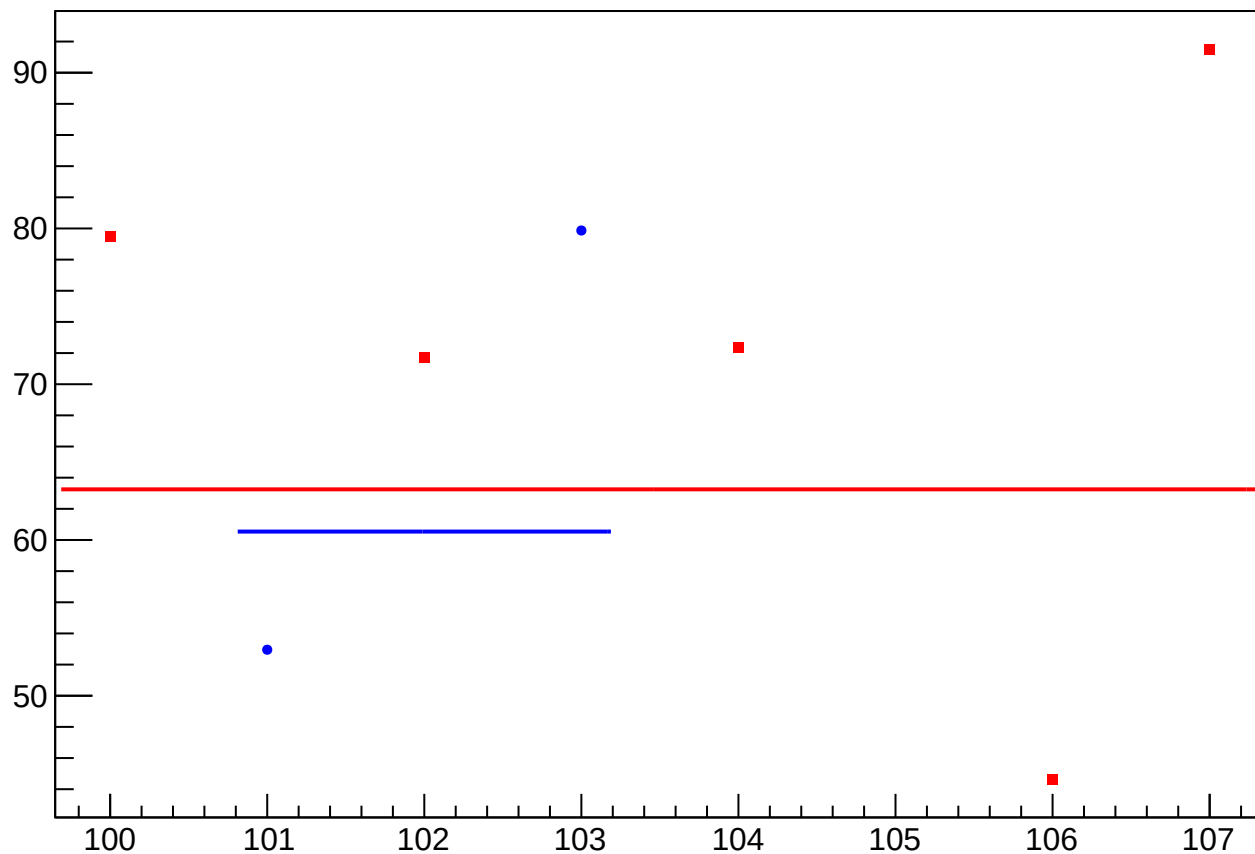
Right: 0.000 $\pm$ 0.038 χ^2 /NDF: 11.8/6

In: -0.116 $\pm$ 0.058 χ^2 /NDF:0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.038 χ^2 /NDF: 11.8/6

asym_us_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.540+/-0.041 χ^2/NDF : 87446.2/1

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

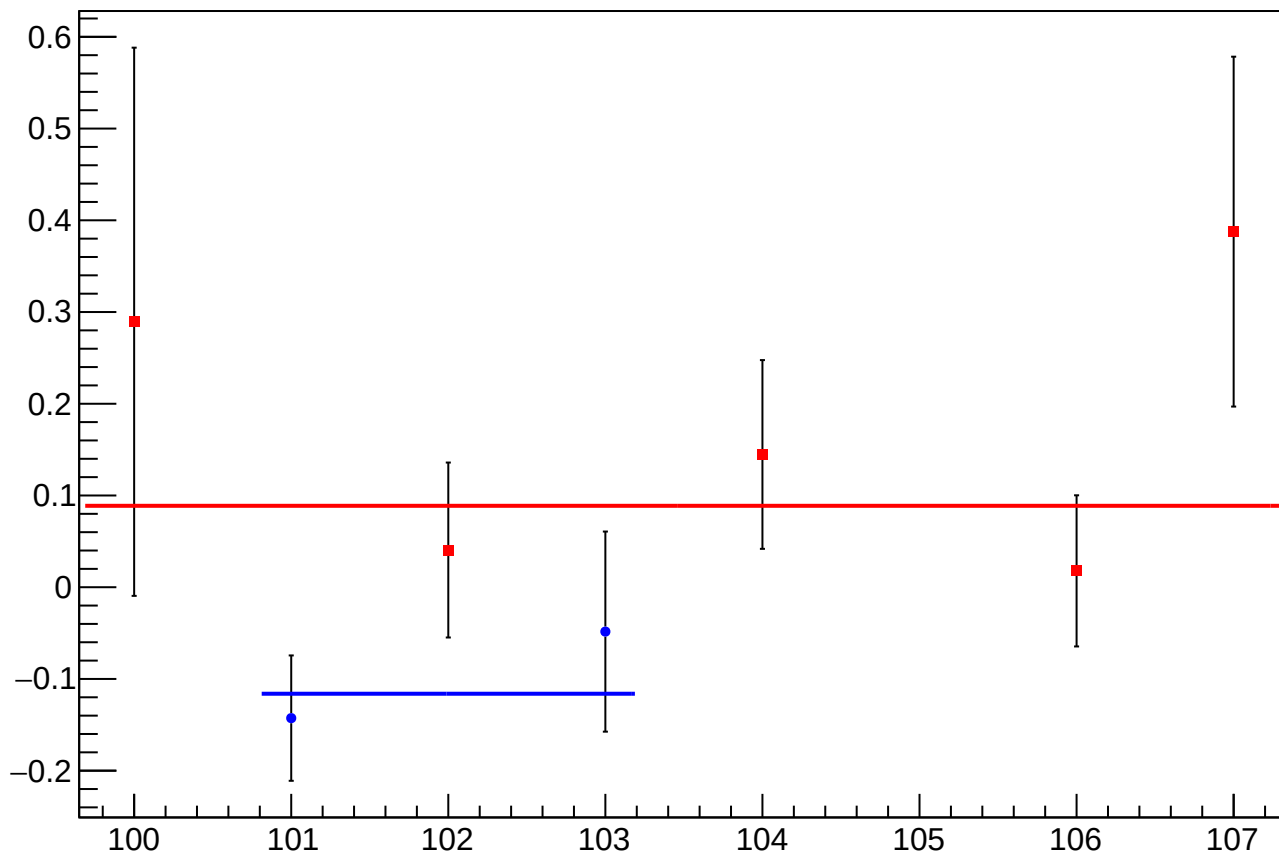
Right: 62.077+/-0.027 χ^2/NDF : 273515.5/6

In: 60.540+/-0.041 χ^2/NDF : 87446.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.077+/-0.027 χ^2/NDF : 273515.5/6

asym_us_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.116 $\pm$ 0.058 χ^2 /NDF: 0.5/1

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

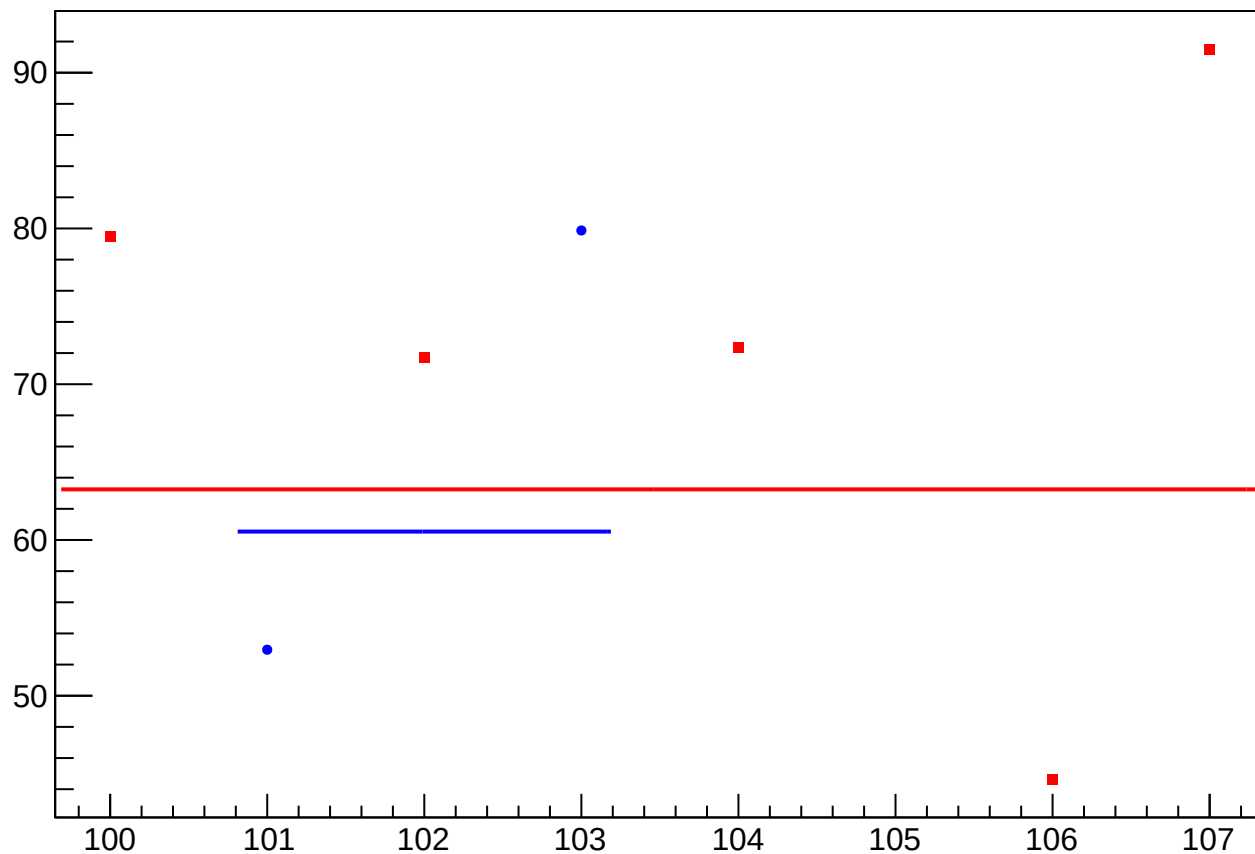
Right: 0.000 $\pm$ 0.038 χ^2 /NDF: 11.8/6

In: -0.116 $\pm$ 0.058 χ^2 /NDF:0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.038 χ^2 /NDF: 11.8/6

asym_us_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.540+/-0.041 χ^2/NDF : 87446.2/1

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

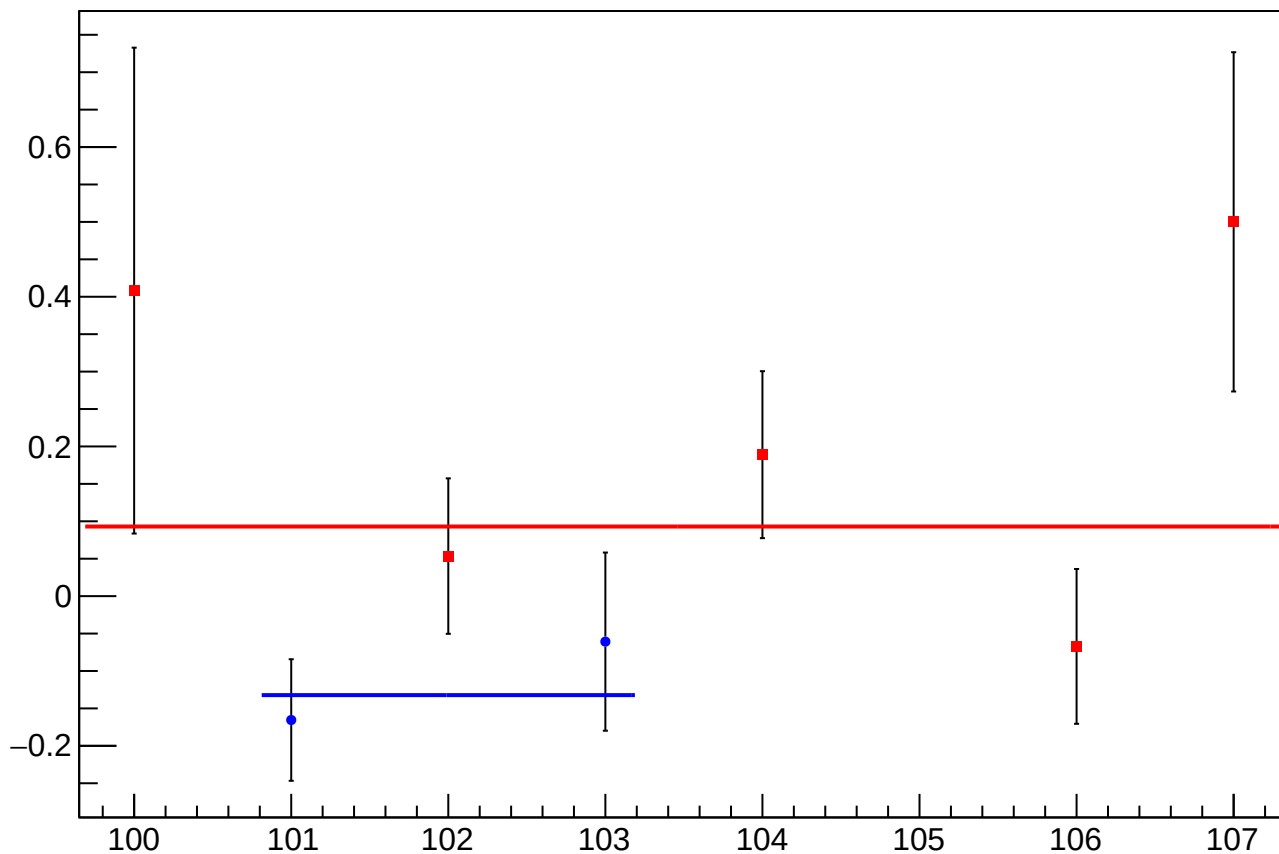
Right: 62.077+/-0.027 χ^2/NDF : 273515.5/6

In: 60.540+/-0.041 χ^2/NDF : 87446.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.077+/-0.027 χ^2/NDF : 273515.5/6

asym_us_avg_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.132 ± 0.067 χ^2/NDF : 0.5/1

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

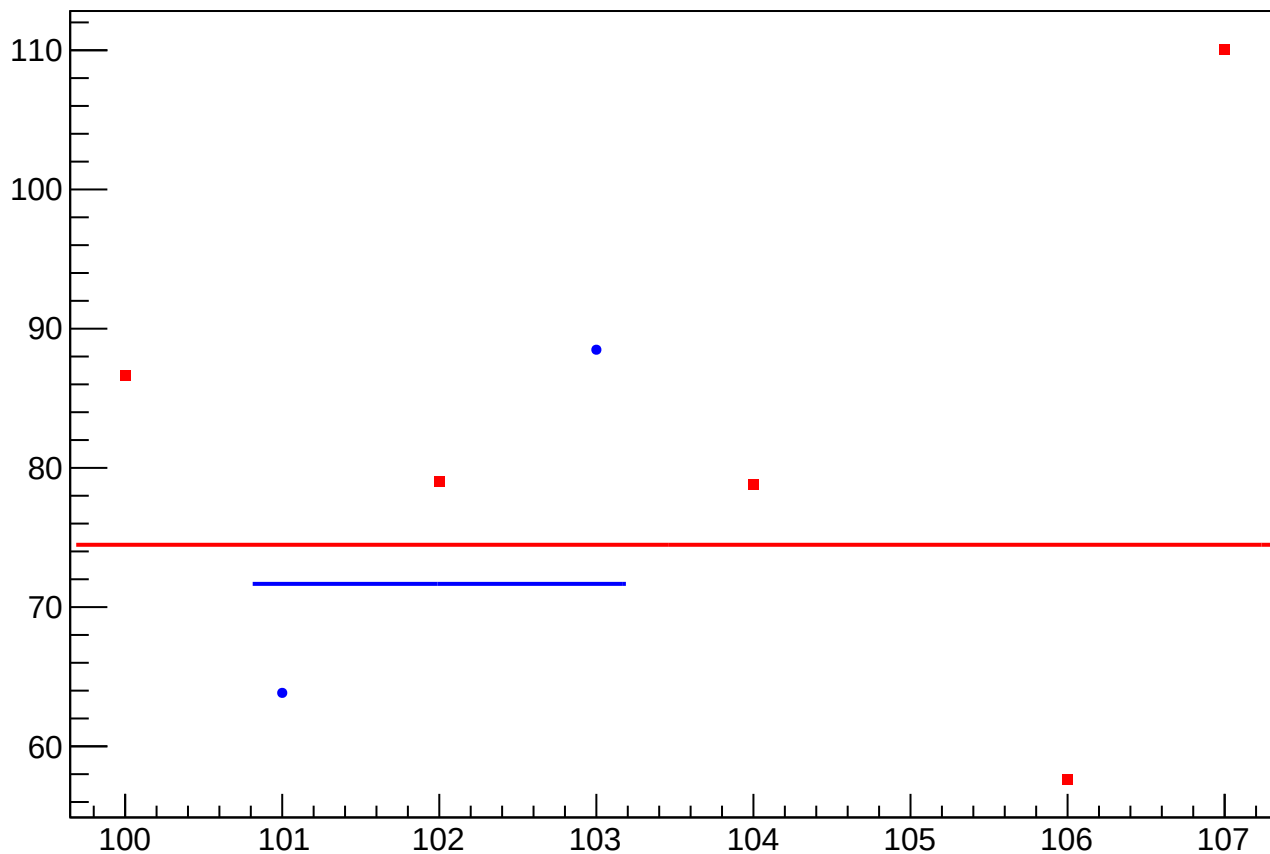
Right: -0.004 ± 0.044 χ^2/NDF : 14.4/6

In: -0.132 ± 0.067 χ^2/NDF : 0.5/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.004 ± 0.044 χ^2/NDF : 14.4/6

asym_us_avg_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 71.669+/-0.047 χ^2/NDF : 58536.3/1

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

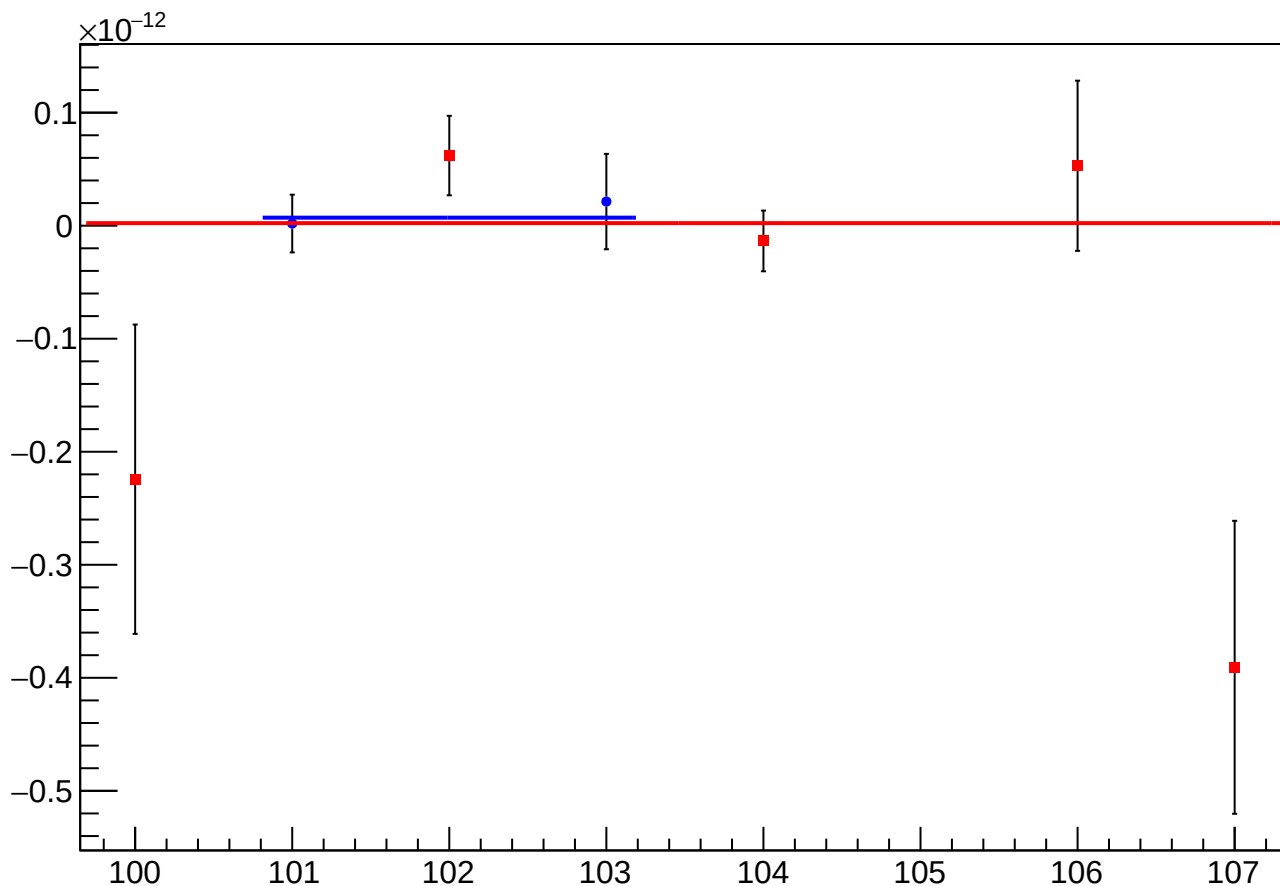
Right: 73.272+/-0.031 χ^2/NDF : 172682.1/6

In: 71.669+/-0.047 χ^2/NDF : 58536.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.272+/-0.031 χ^2/NDF : 172682.1/6

asym_us_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.2/1

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

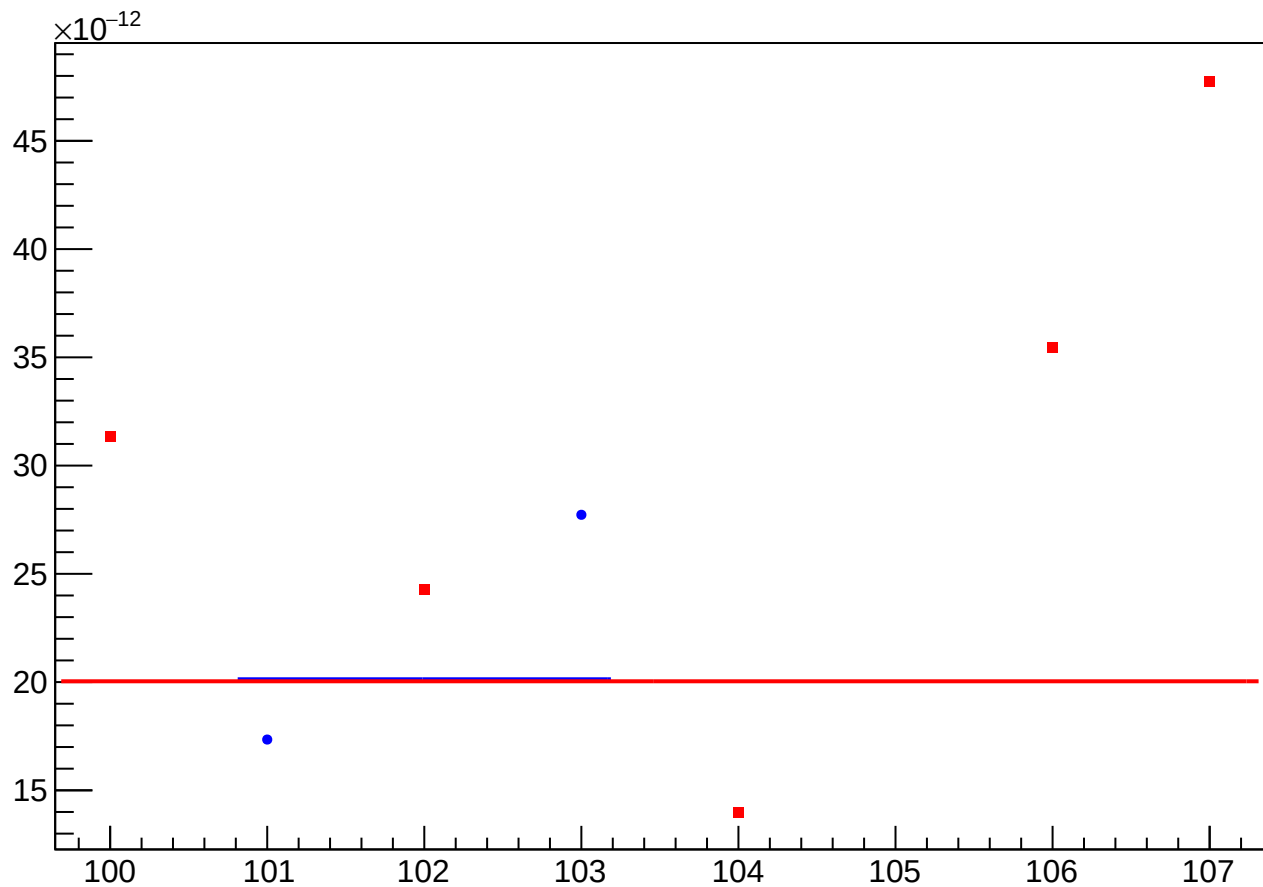
Right: 0.000+/-0.000 χ^2 /NDF: 15.8/6

In: 0.000+/-0.000 χ^2 /NDF:0.2/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 15.8/6

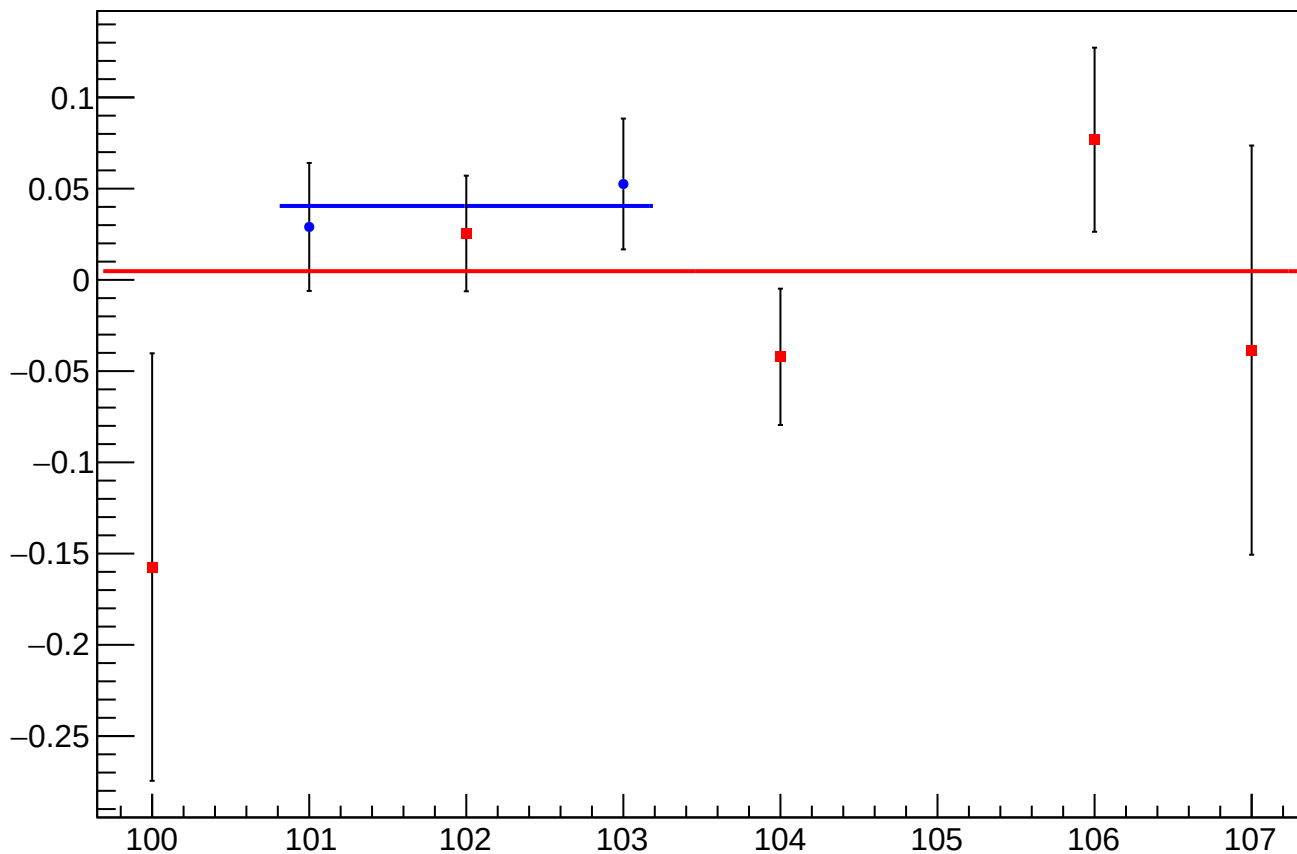
asym_us_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 88591.4/1
 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 : 408039.3/6
 In: 0.000+/-0.000 χ^2/NDF : 88591.4/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 408039.3/6

asym_us_avg_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.041+/-0.025 χ^2/NDF : 0.2/1

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

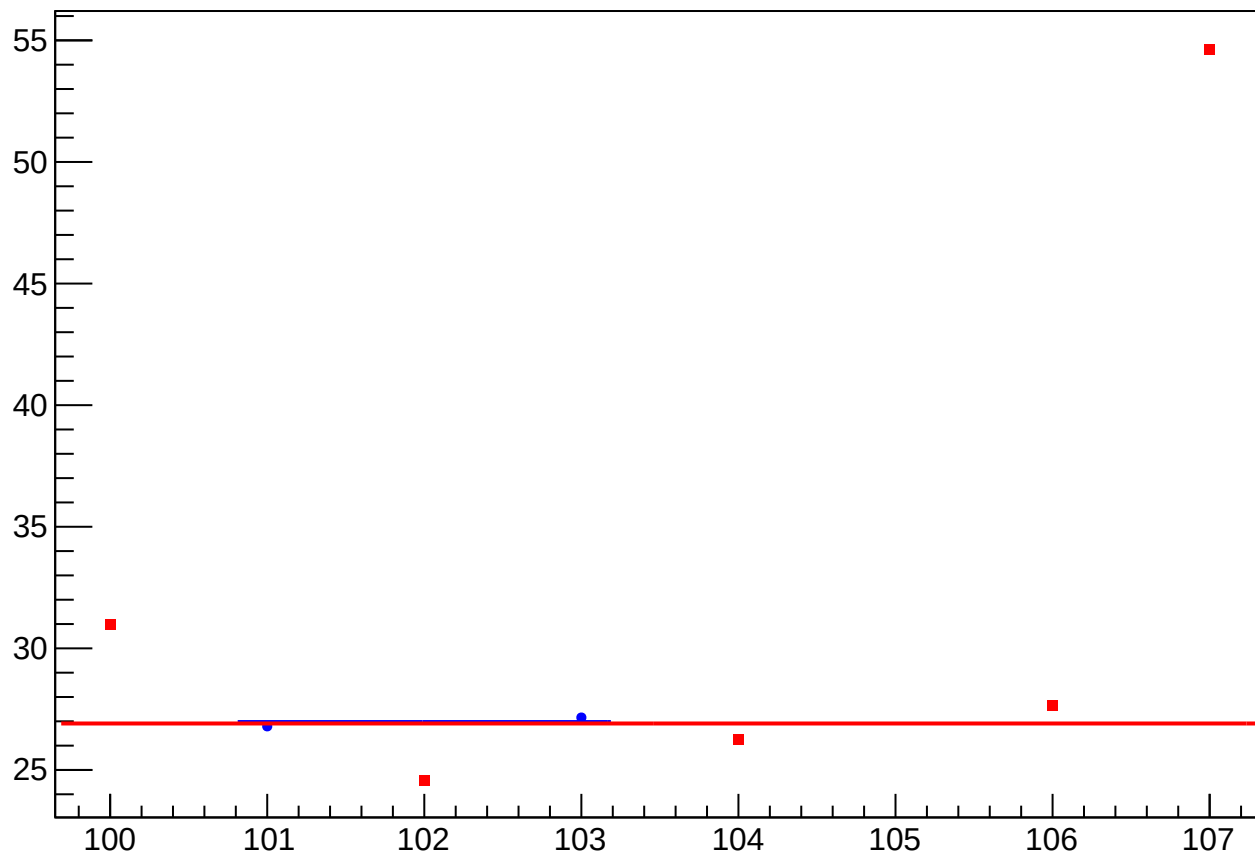
Right: 0.020+/-0.016 χ^2/NDF : 7.5/6

In: 0.041+/-0.025 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.016 χ^2/NDF : 7.5/6

asym_us_avg_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.970+/-0.018 χ^2/NDF : 104.6/1

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

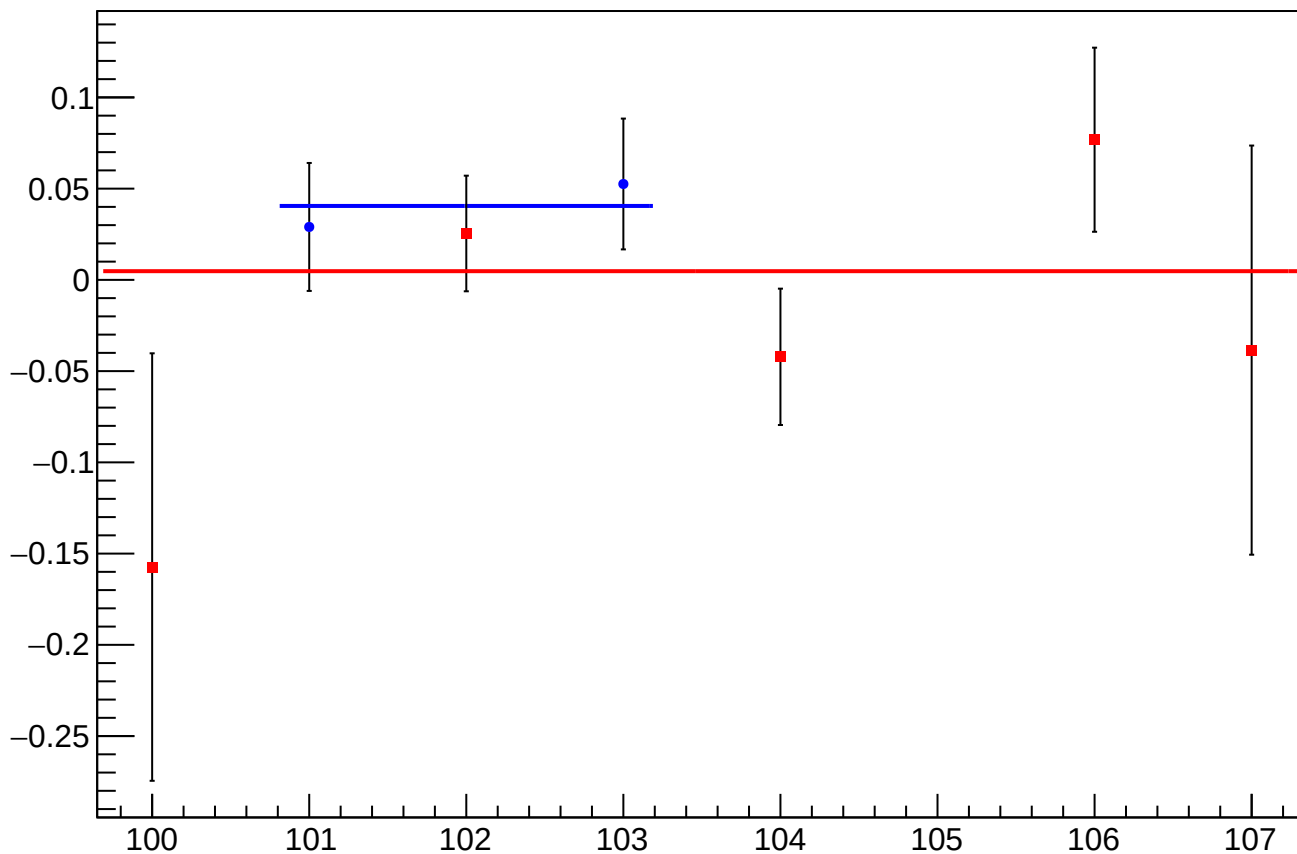
Right: 26.935+/-0.011 χ^2/NDF : 136606.0/6

In: 26.970+/-0.018 χ^2/NDF : 104.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.935+/-0.011 χ^2/NDF : 136606.0/6

asym_us_avg_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.041+/-0.025 χ^2/NDF : 0.2/1

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

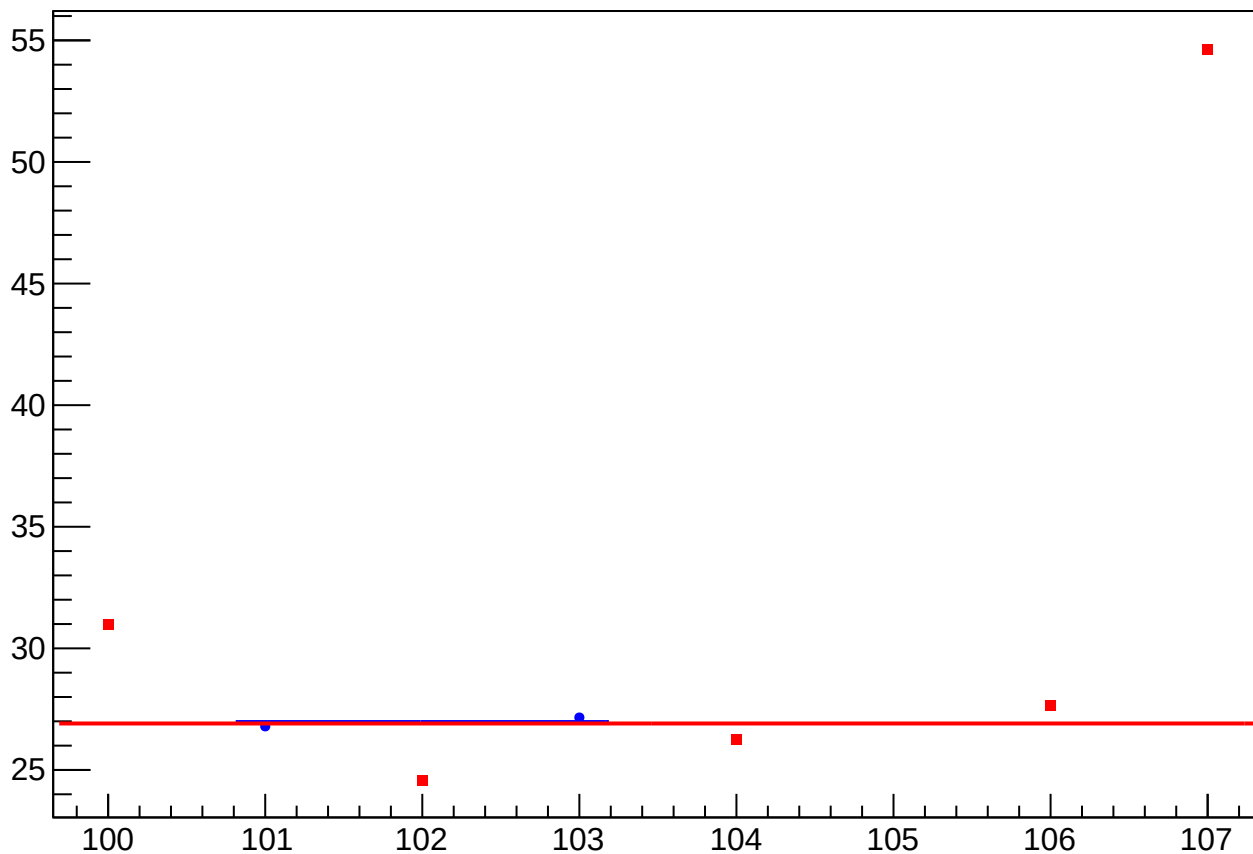
Right: 0.020+/-0.016 χ^2/NDF : 7.5/6

In: 0.041+/-0.025 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.016 χ^2/NDF : 7.5/6

asym_us_avg_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.970+/-0.018 χ^2/NDF : 104.6/1

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

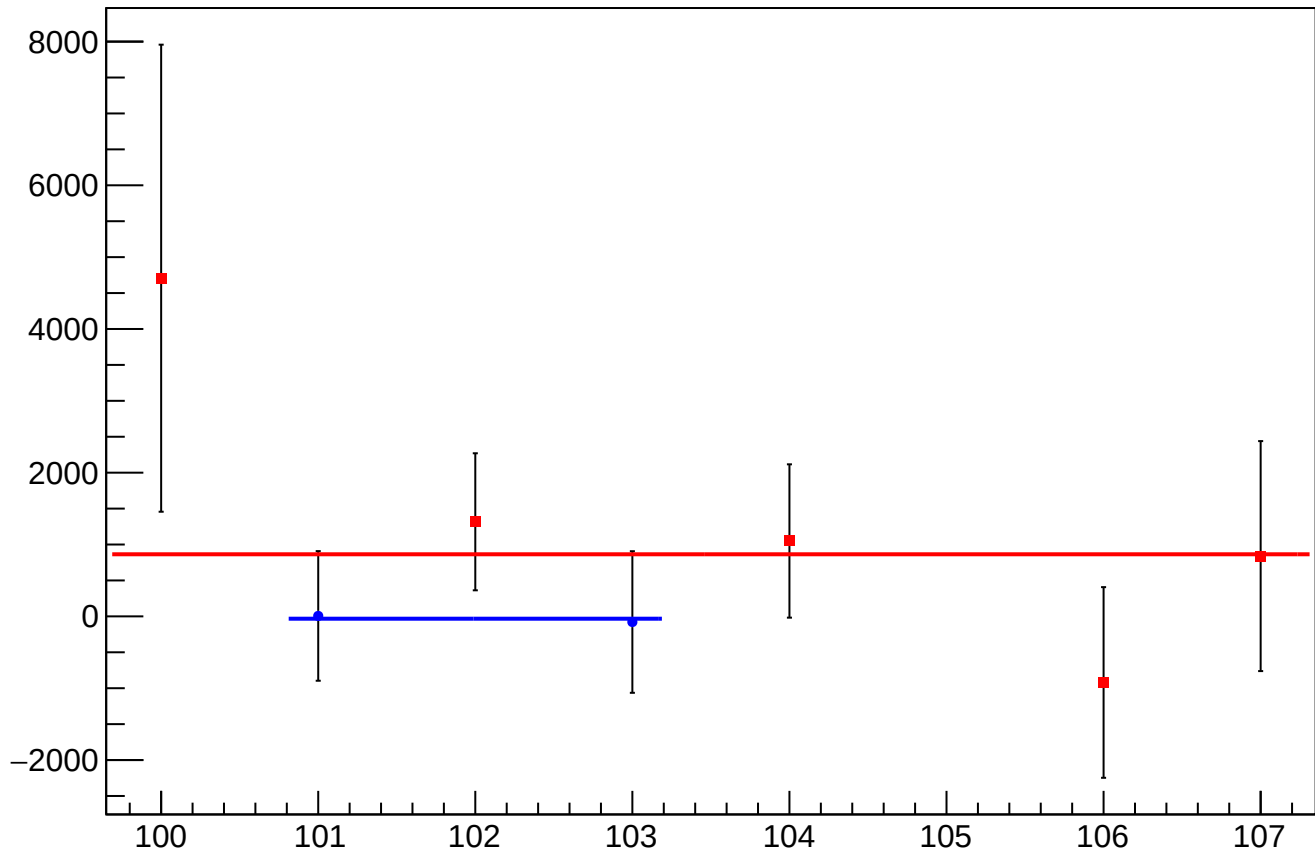
Right: 26.935+/-0.011 χ^2/NDF : 136606.0/6

In: 26.970+/-0.018 χ^2/NDF : 104.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.935+/-0.011 χ^2/NDF : 136606.0/6

reg_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -32.573+/-665.376 χ^2/NDF : 0.0/1

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

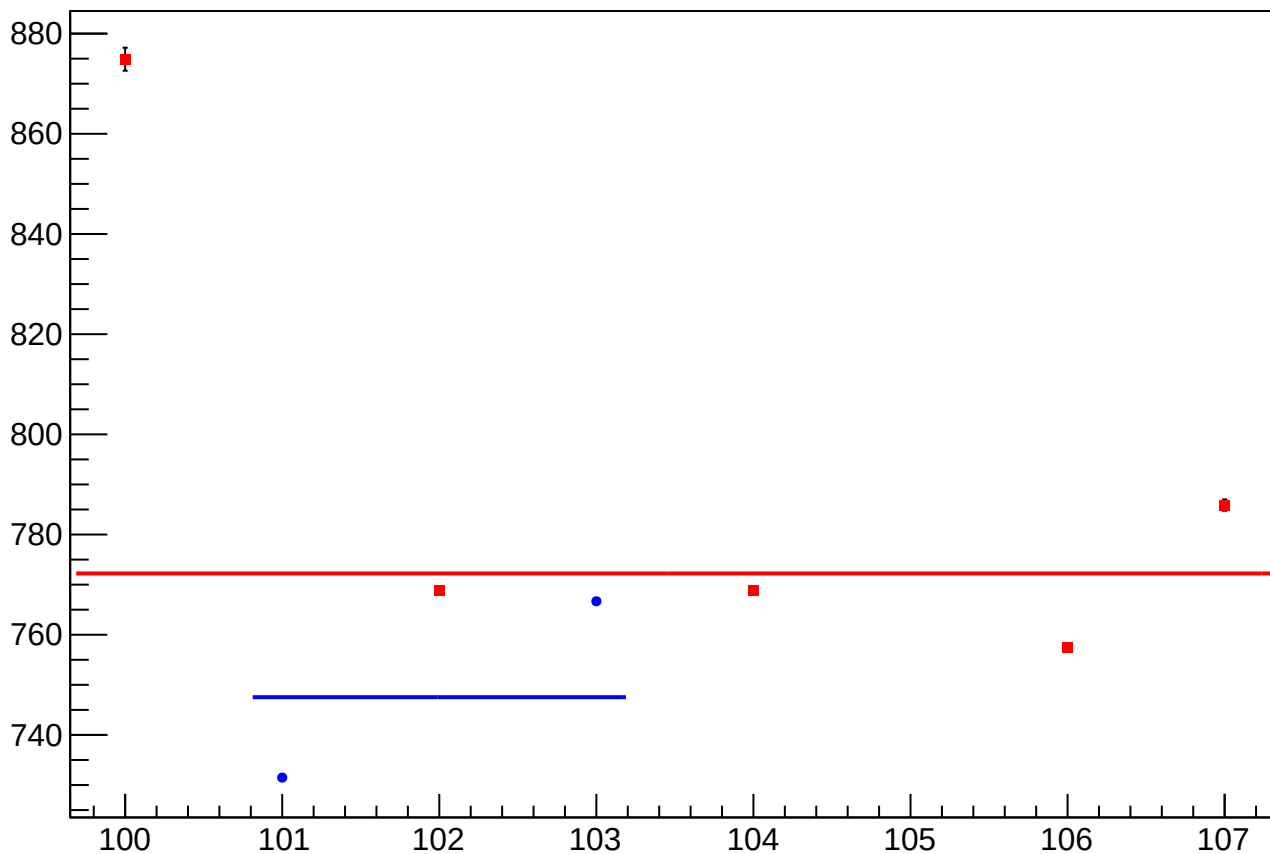
Right: 481.212+/-434.811 χ^2/NDF : 4.5/6

In: -32.573+/-665.376 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 481.212+/-434.811 χ^2/NDF : 4.5/6

reg_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 747.531+/-0.470 χ^2/NDF : 1388.4/1

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

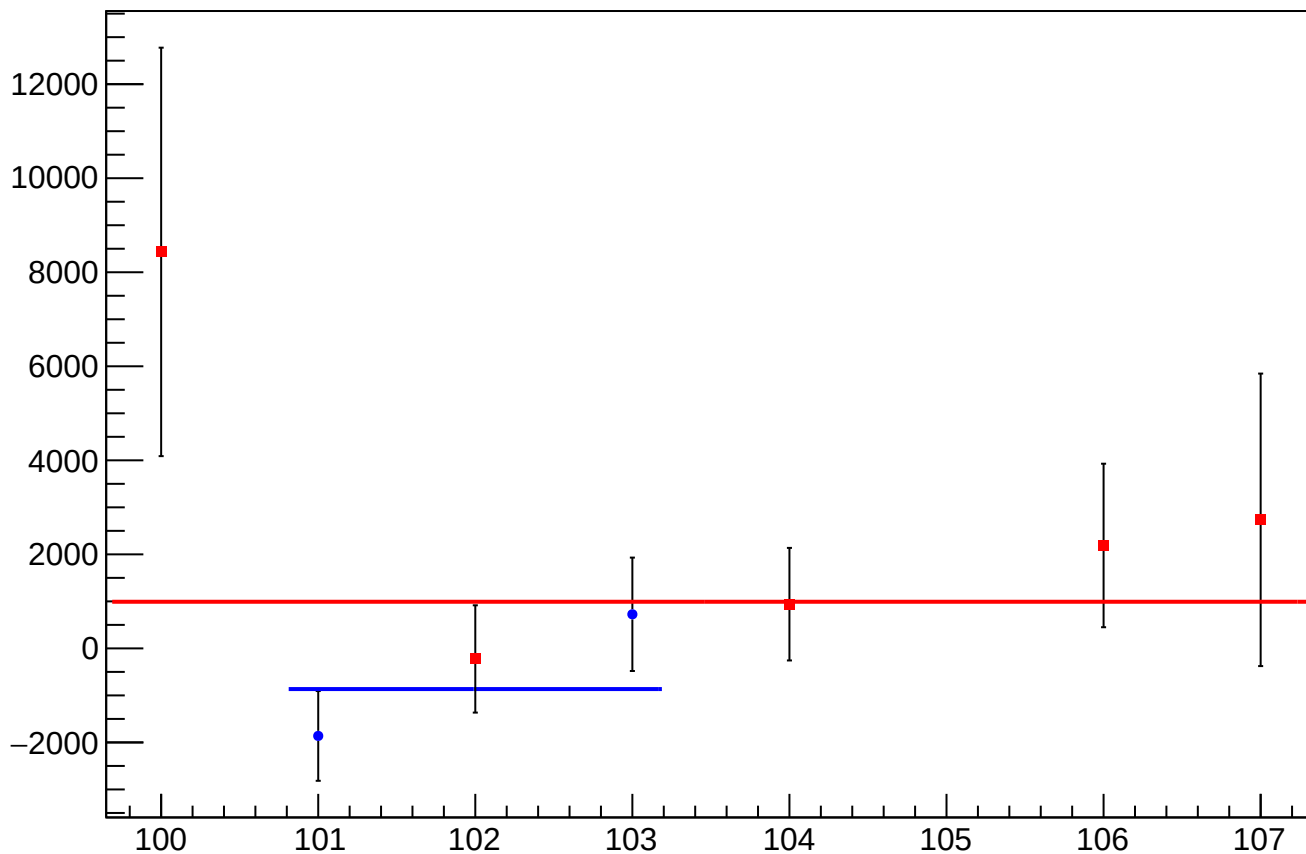
Right: 761.683+/-0.307 χ^2/NDF : 5399.9/6

In: 747.531+/-0.470 χ^2/NDF : 1388.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 761.683+/-0.307 χ^2/NDF : 5399.9/6

asym_us_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -864.980+/-748.437 χ^2/NDF : 2.8/1

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

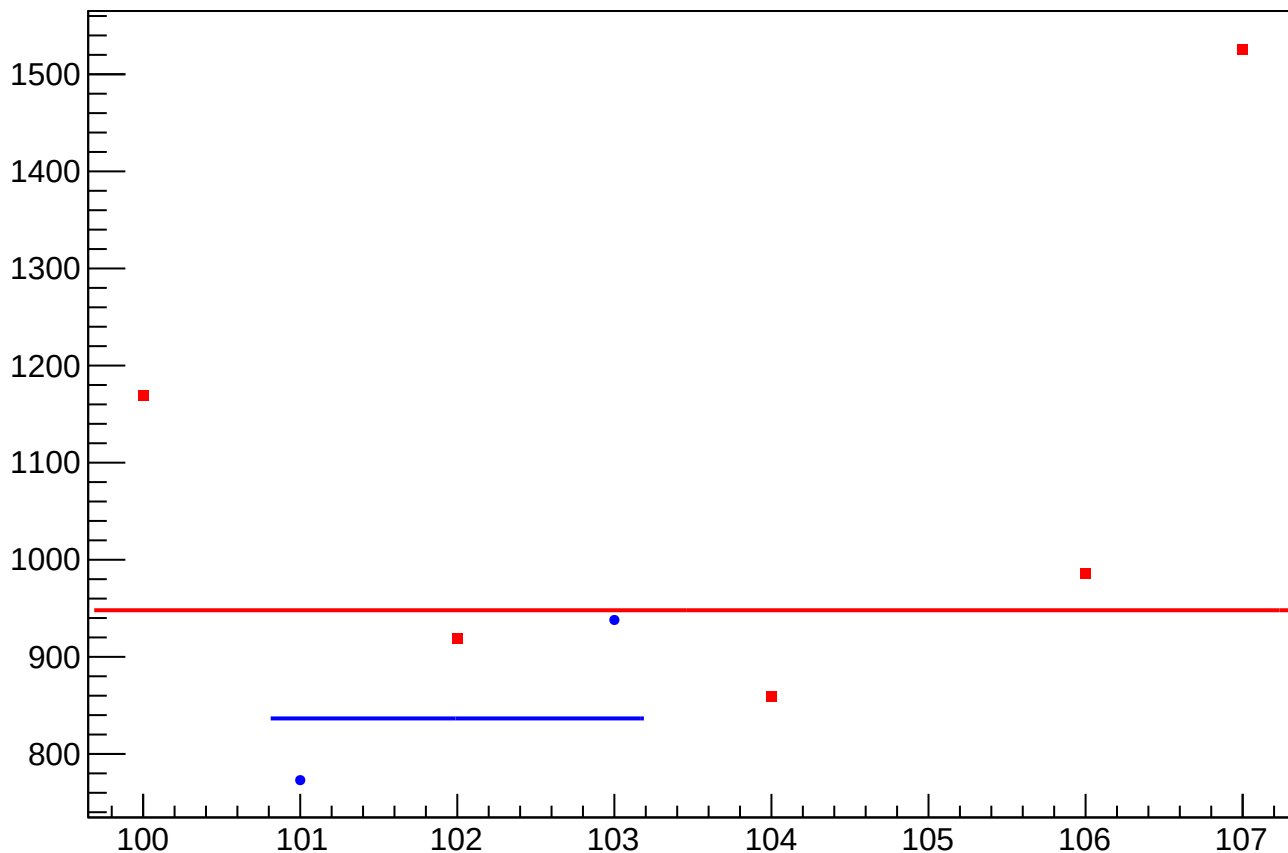
Right: 105.197+/-517.204 χ^2/NDF : 10.9/6

In: -864.980+/-748.437 χ^2/NDF : 2.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.197+/-517.204 χ^2/NDF : 10.9/6

asym_us_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 836.587 $\pm$ 0.529 χ^2 /NDF: 23013.8/1

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

Right Out: 947.999 $\pm$ 0.506 χ^2 /NDF: 87210.2/4

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

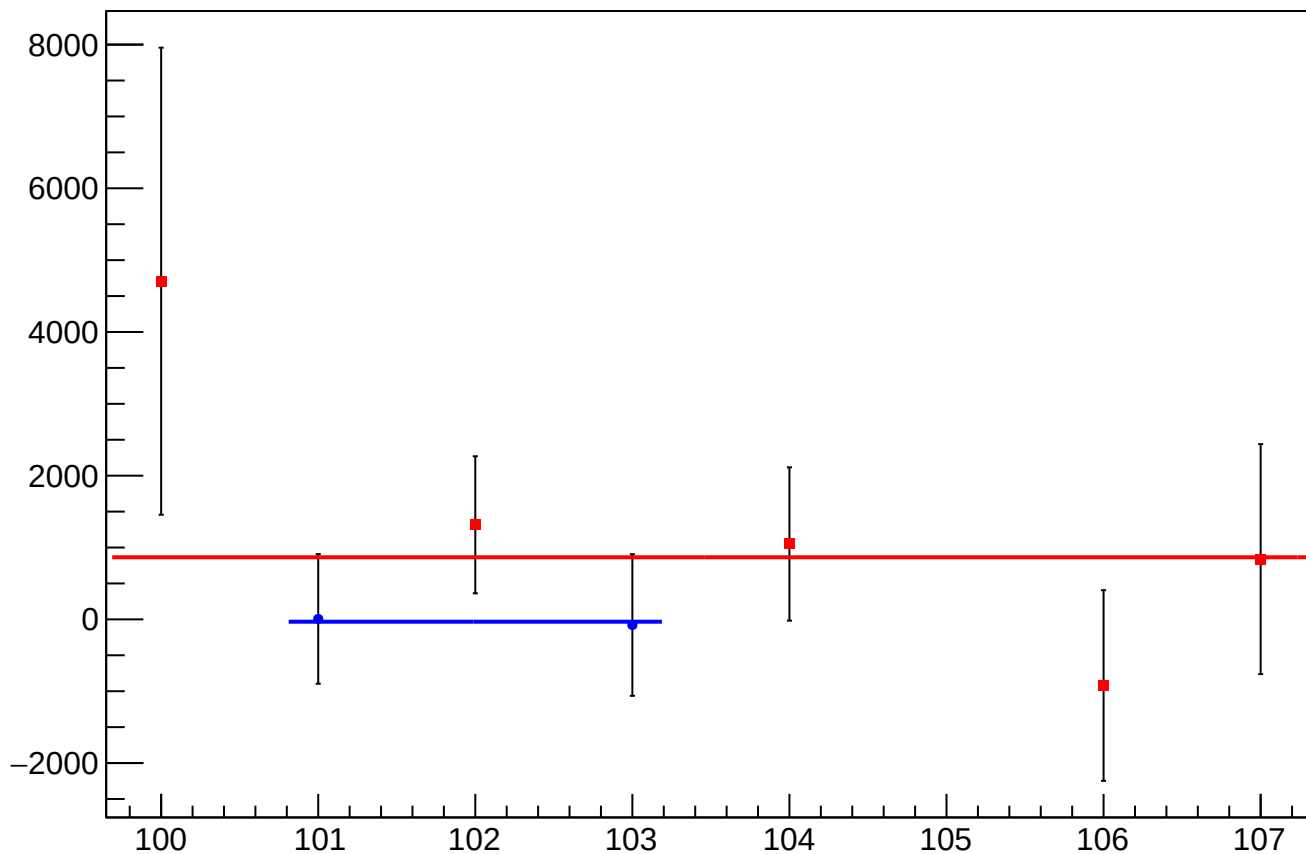
Right: 894.795 $\pm$ 0.366 χ^2 /NDF: 133378.3/6

In: 836.587 $\pm$ 0.529 χ^2 /NDF:23013.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 894.795 $\pm$ 0.366 χ^2 /NDF: 133378.3/6

cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -32.573+/-665.376 χ^2/NDF : 0.0/1

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

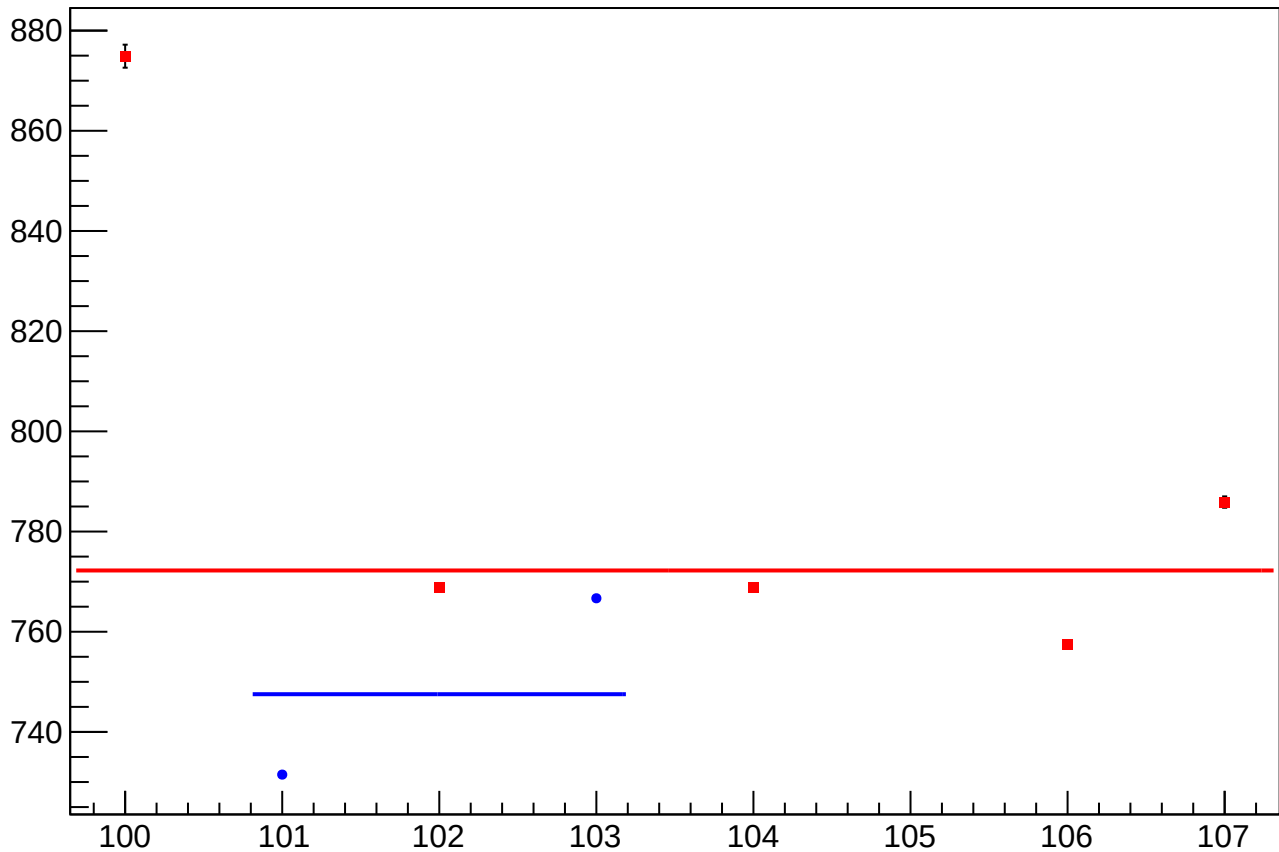
Right: 481.212+/-434.811 χ^2/NDF : 4.5/6

In: -32.573+/-665.376 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 481.212+/-434.811 χ^2/NDF : 4.5/6

cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 747.531 $\pm$ 0.470 χ^2/NDF : 1388.4/1

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

Right Out: 772.230 $\pm$ 0.406 χ^2/NDF : 2432.5/4

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

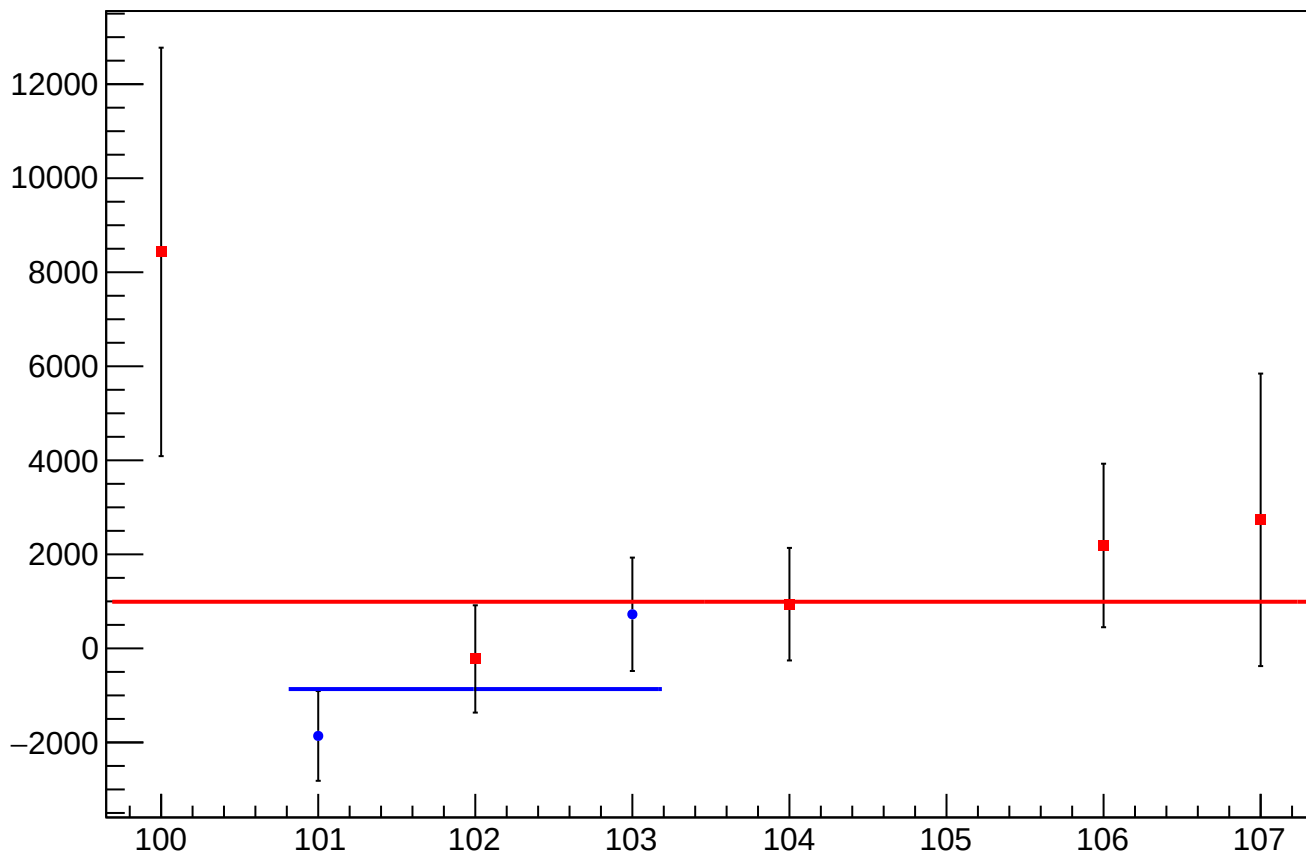
Right: 761.683 $\pm$ 0.307 χ^2/NDF : 5399.9/6

In: 747.531 $\pm$ 0.470 χ^2/NDF : 1388.4/1

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

All: 761.683 $\pm$ 0.307 χ^2/NDF : 5399.9/6

asym_us_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -864.980+/-748.437 χ^2 /NDF: 2.8/1

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

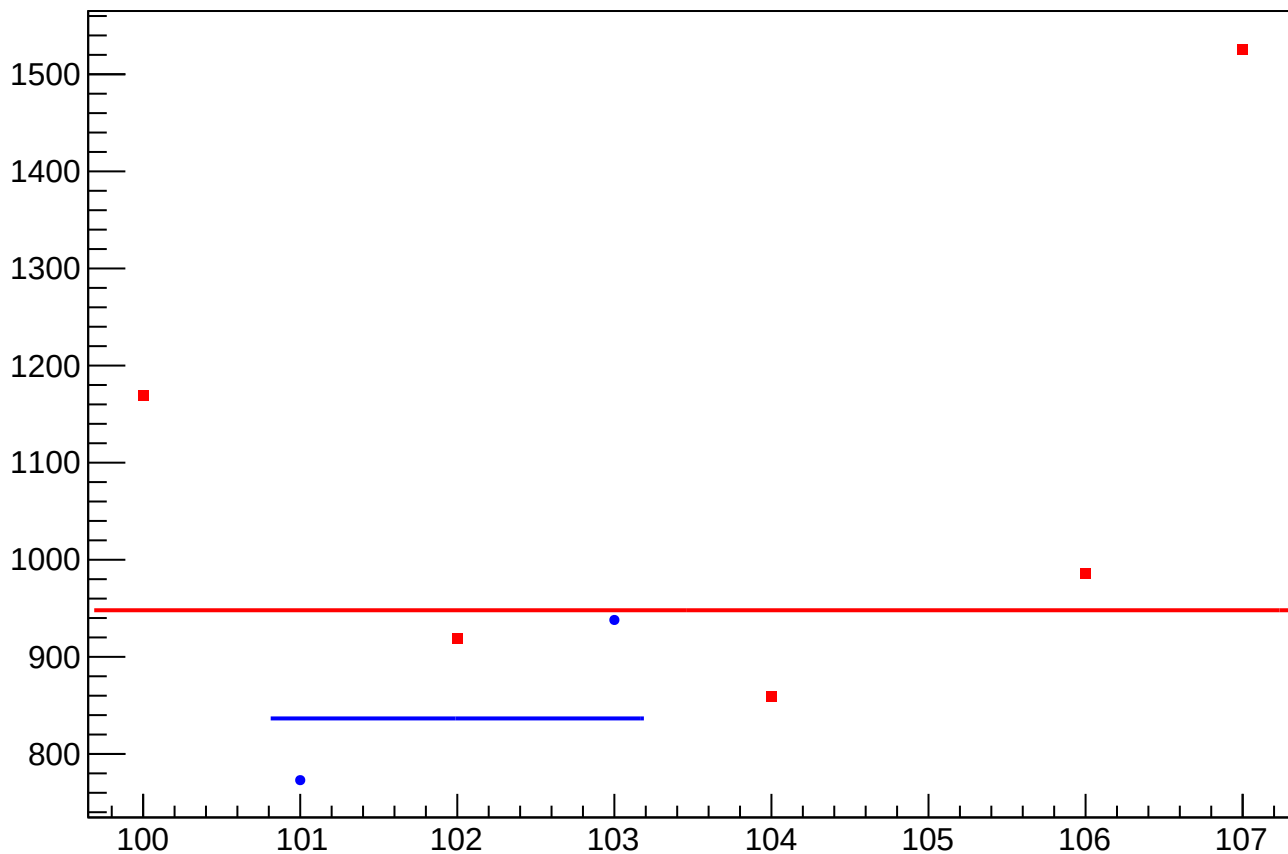
Right: 105.197+/-517.204 χ^2 /NDF: 10.9/6

In: -864.980+/-748.437 χ^2 /NDF: 2.8/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 105.197+/-517.204 χ^2 /NDF: 10.9/6

asym_us_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 836.587 $\pm$ 0.529 χ^2 /NDF: 23013.8/1

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

Right Out: 947.999 $\pm$ 0.506 χ^2 /NDF: 87210.2/4

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

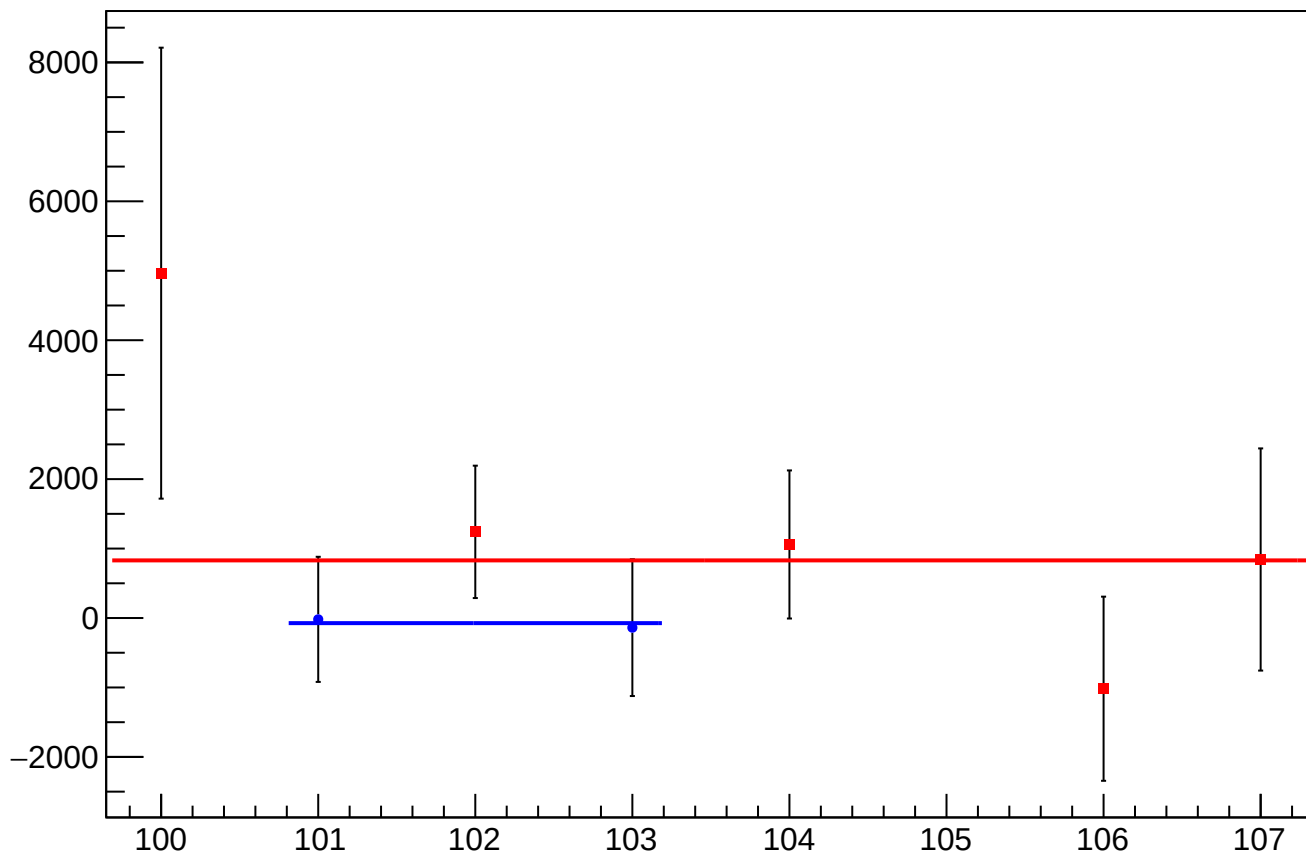
Right: 894.795 $\pm$ 0.366 χ^2 /NDF: 133378.3/6

In: 836.587 $\pm$ 0.529 χ^2 /NDF:23013.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 894.795 $\pm$ 0.366 χ^2 /NDF: 133378.3/6

overload_cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -73.649+/-664.646 χ^2/NDF : 0.0/1

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

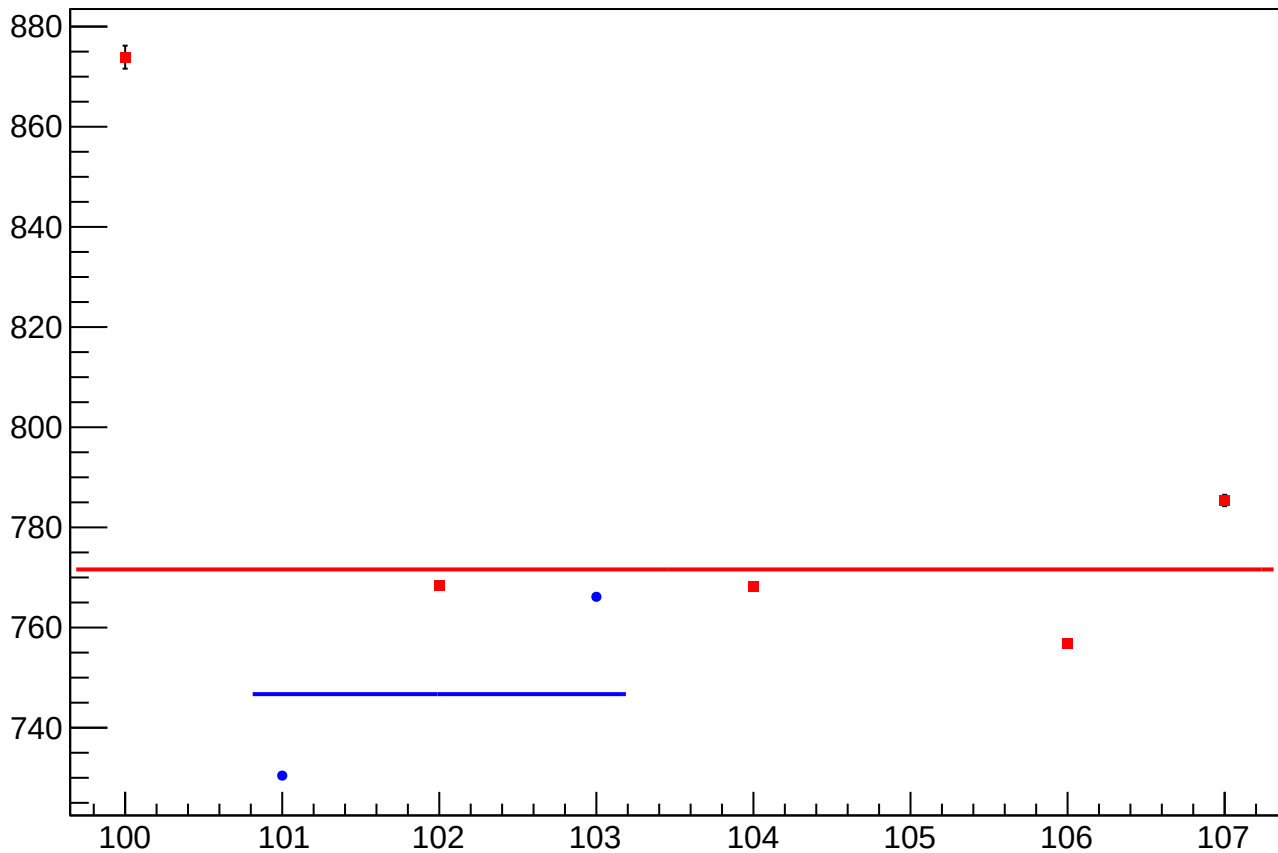
Right: 443.806+/-434.406 χ^2/NDF : 4.9/6

In: -73.649+/-664.646 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 443.806+/-434.406 χ^2/NDF : 4.9/6

overload_cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 746.705+/-0.470 χ^2/NDF : 1431.6/1

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

Right Out: 771.609+/-0.406 χ^2/NDF : 2426.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

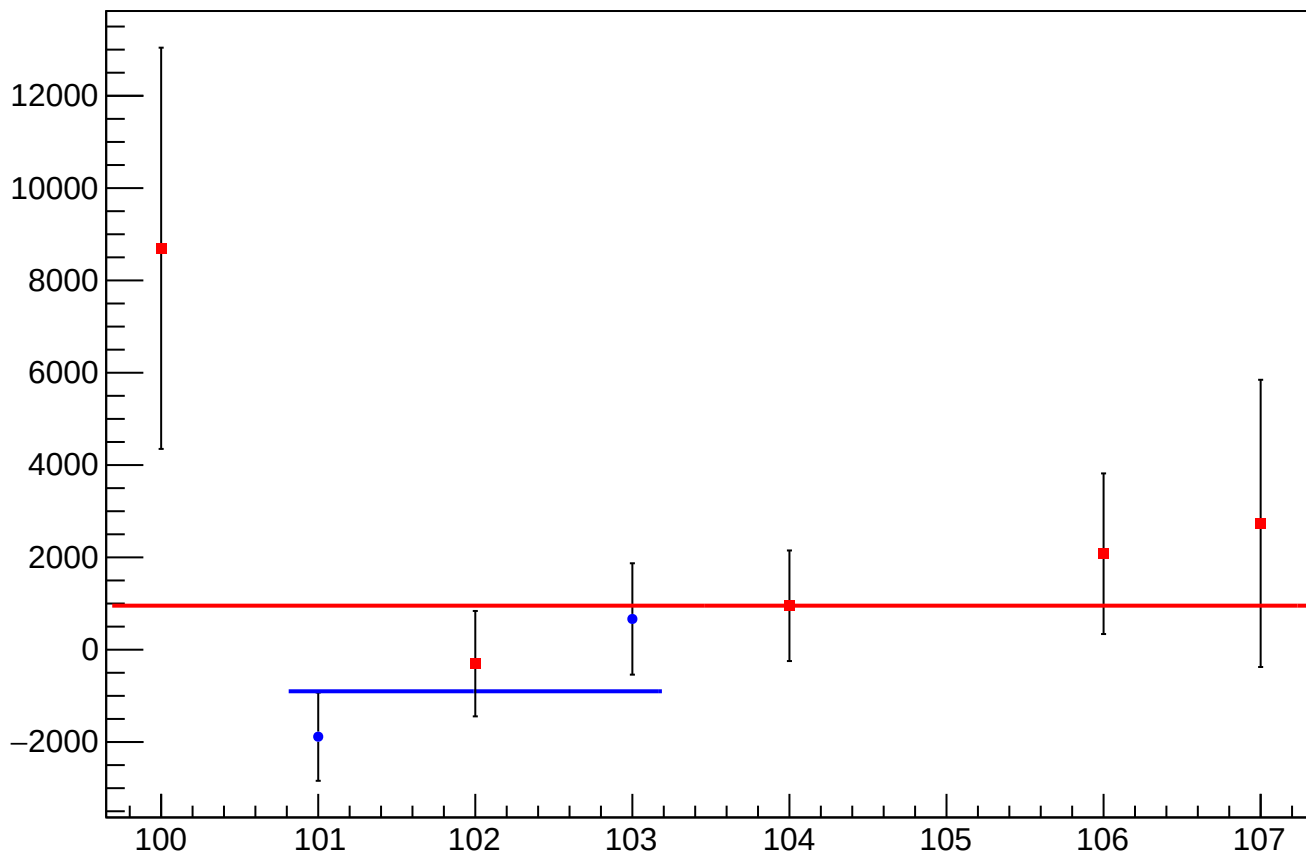
Right: 760.970+/-0.307 χ^2/NDF : 5466.8/6

In: 746.705+/-0.470 χ^2/NDF : 1431.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 760.970+/-0.307 χ^2/NDF : 5466.8/6

asym_us_dd_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: -900.849+/-749.172 χ^2/NDF : 2.7/1

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

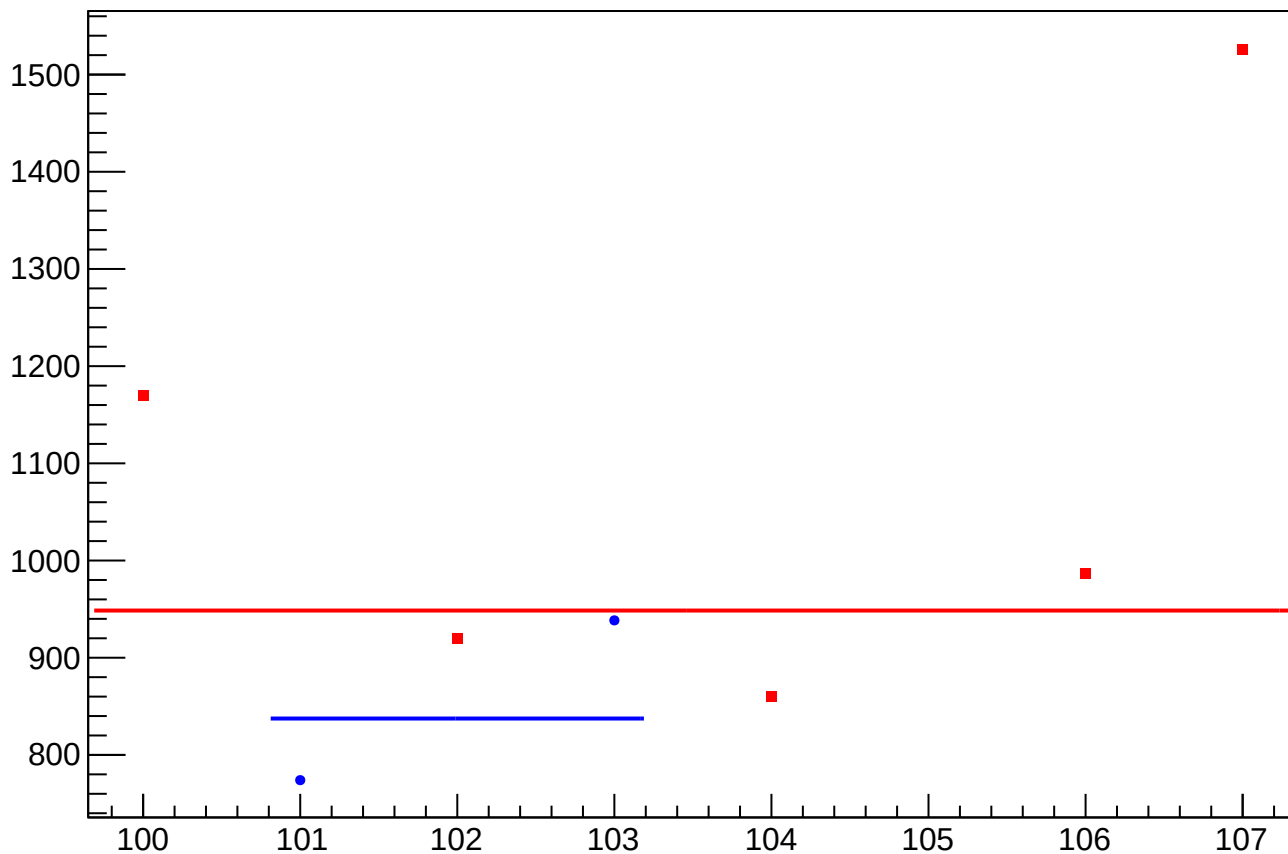
Right: 68.609+/-517.600 χ^2/NDF : 11.1/6

In: -900.849+/-749.172 χ^2/NDF : 2.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.609+/-517.600 χ^2/NDF : 11.1/6

asym_us_dd_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 837.445+/-0.530 χ^2/NDF : 22816.1/1

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

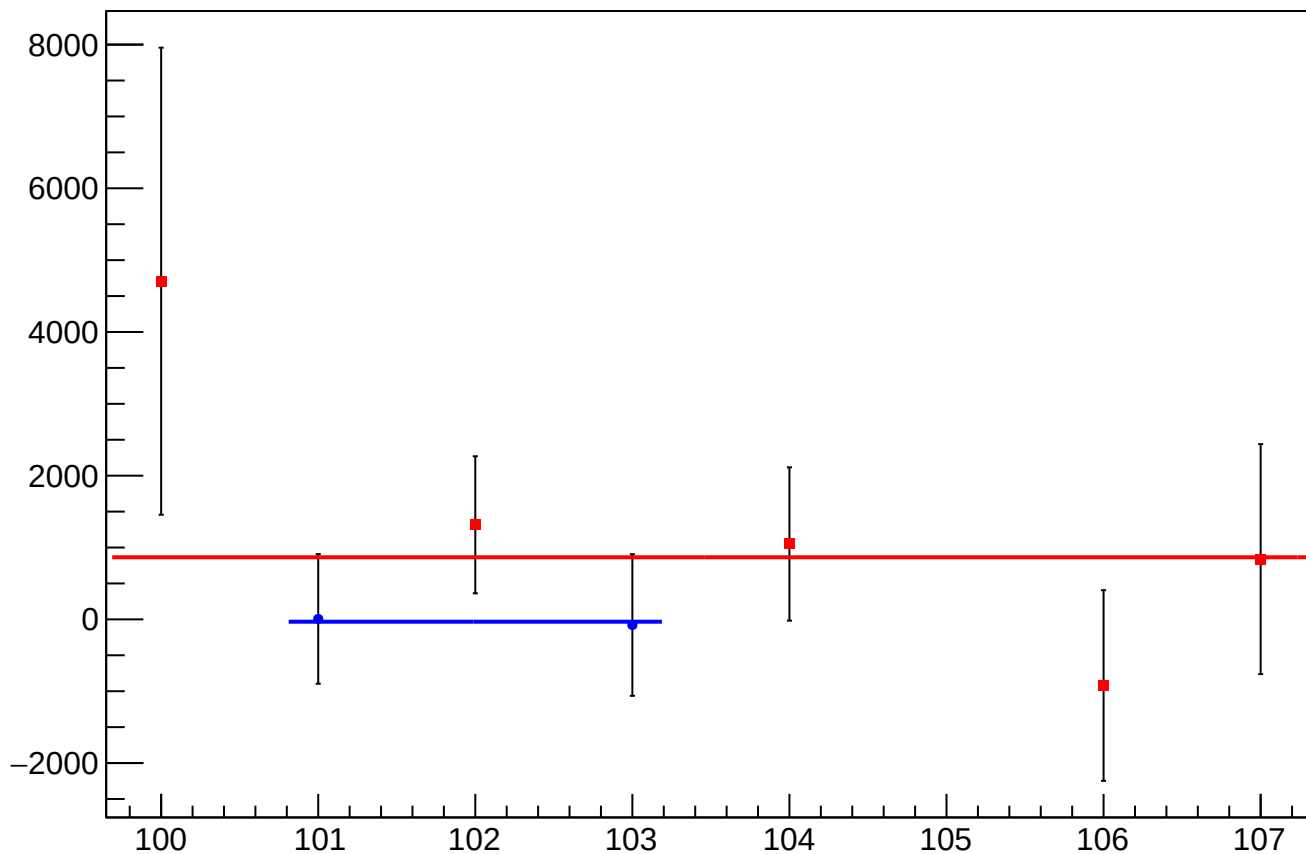
Right: 895.518+/-0.366 χ^2/NDF : 132905.4/6

In: 837.445+/-0.530 χ^2/NDF : 22816.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 895.518+/-0.366 χ^2/NDF : 132905.4/6

eigen_cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -32.573+/-665.376 χ^2/NDF : 0.0/1

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

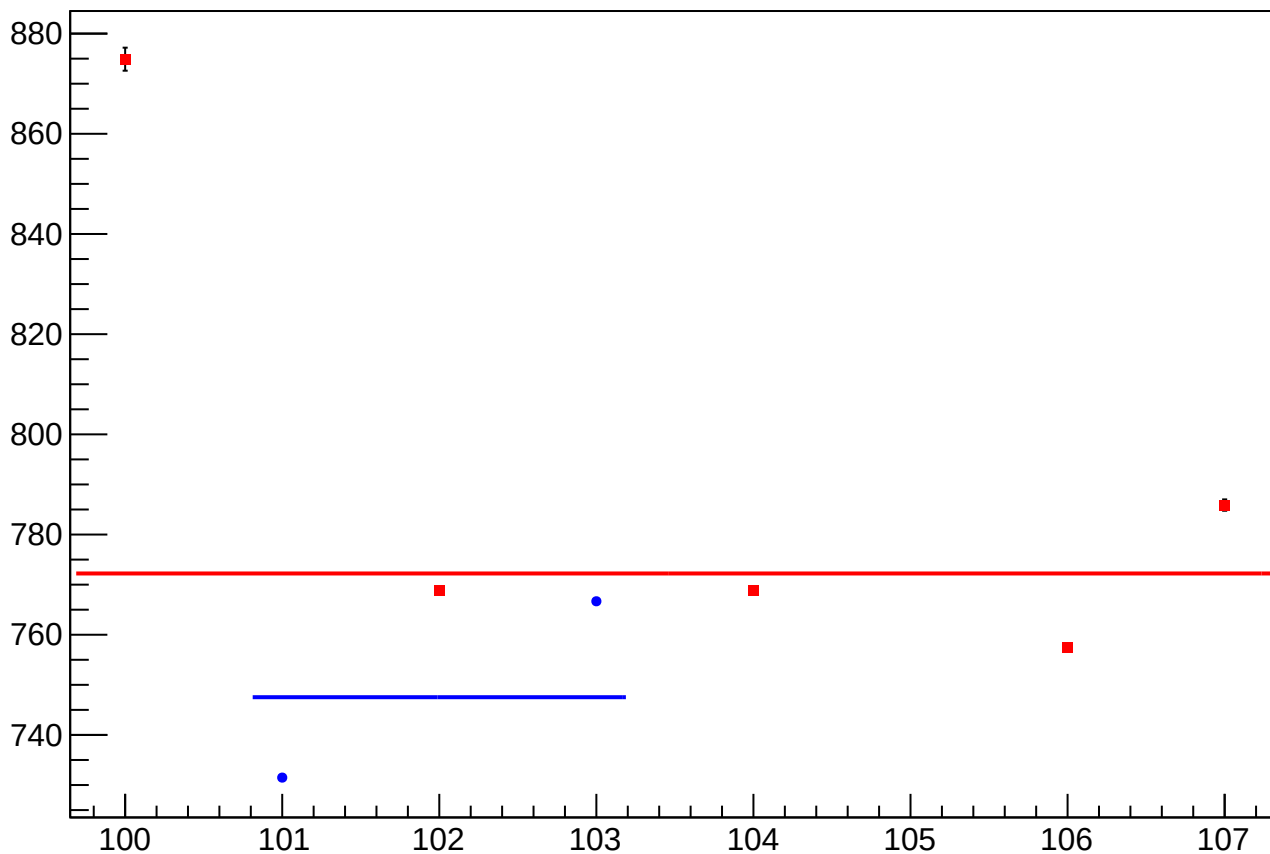
Right: 481.212+/-434.811 χ^2/NDF : 4.5/6

In: -32.573+/-665.376 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 481.212+/-434.811 χ^2/NDF : 4.5/6

eigen_cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 747.531+/-0.470 χ^2/NDF : 1388.4/1

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

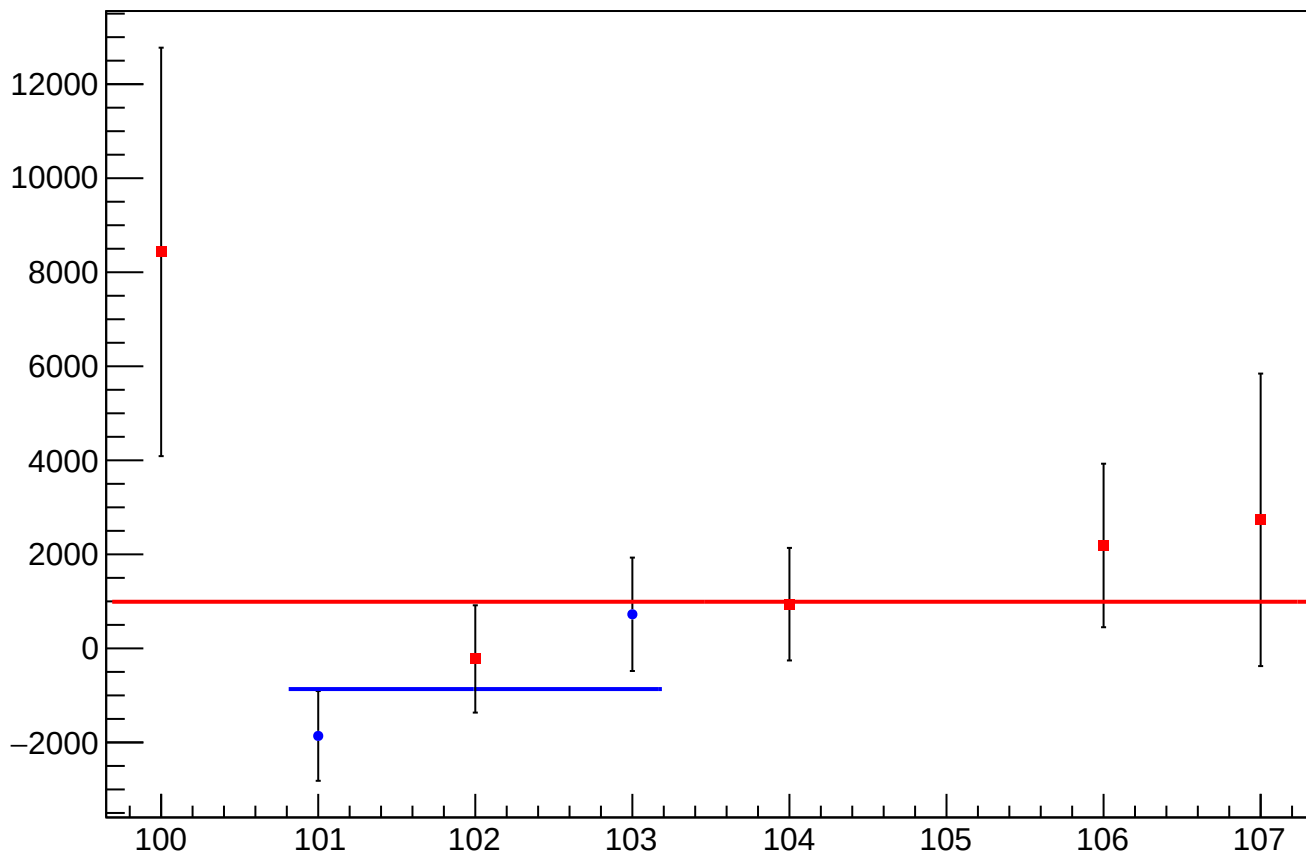
Right: 761.683+/-0.307 χ^2/NDF : 5399.9/6

In: 747.531+/-0.470 χ^2/NDF : 1388.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 761.683+/-0.307 χ^2/NDF : 5399.9/6

asym_us_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -864.980+/-748.437 χ^2/NDF : 2.8/1

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

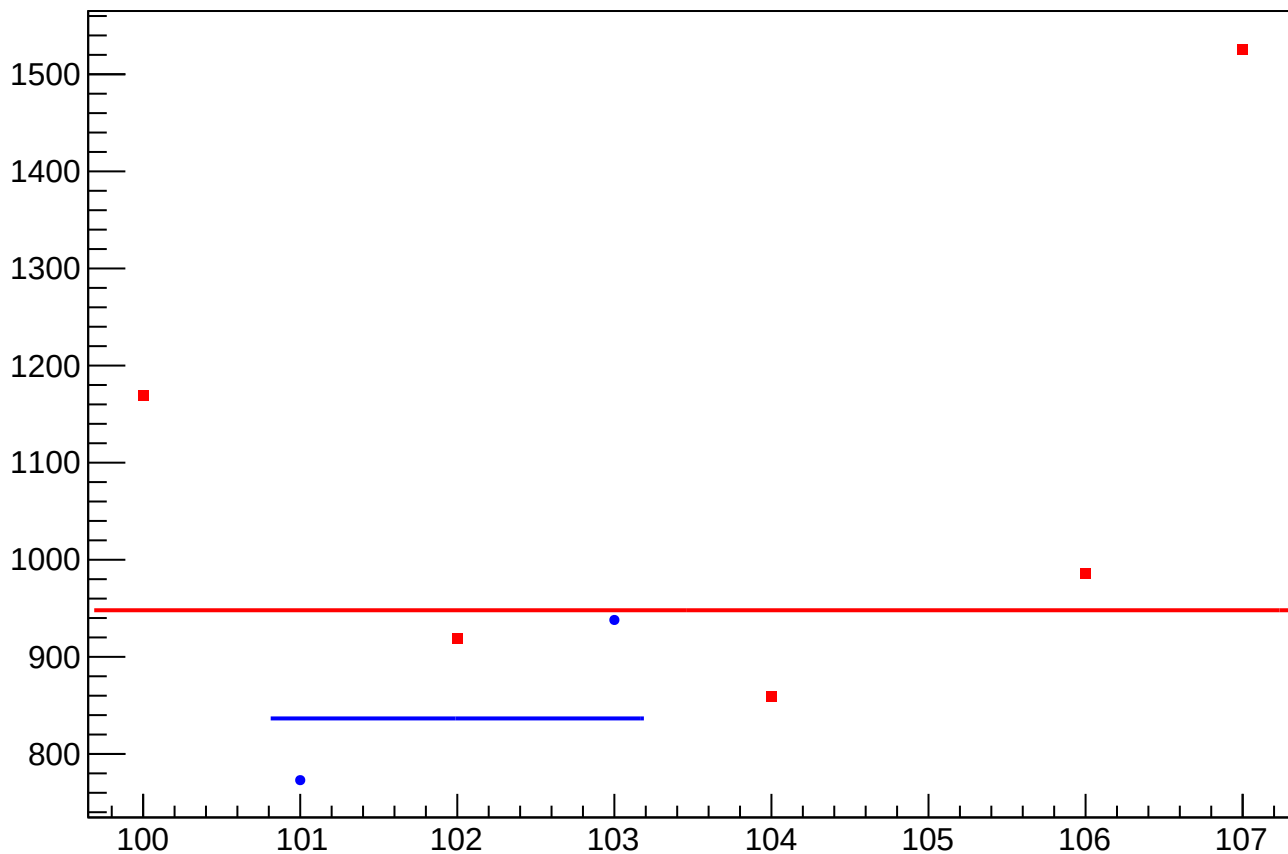
Right: 105.197+/-517.204 χ^2/NDF : 10.9/6

In: -864.980+/-748.437 χ^2/NDF : 2.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.197+/-517.204 χ^2/NDF : 10.9/6

asym_us_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 836.587+/-0.529 χ^2/NDF : 23013.8/1

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

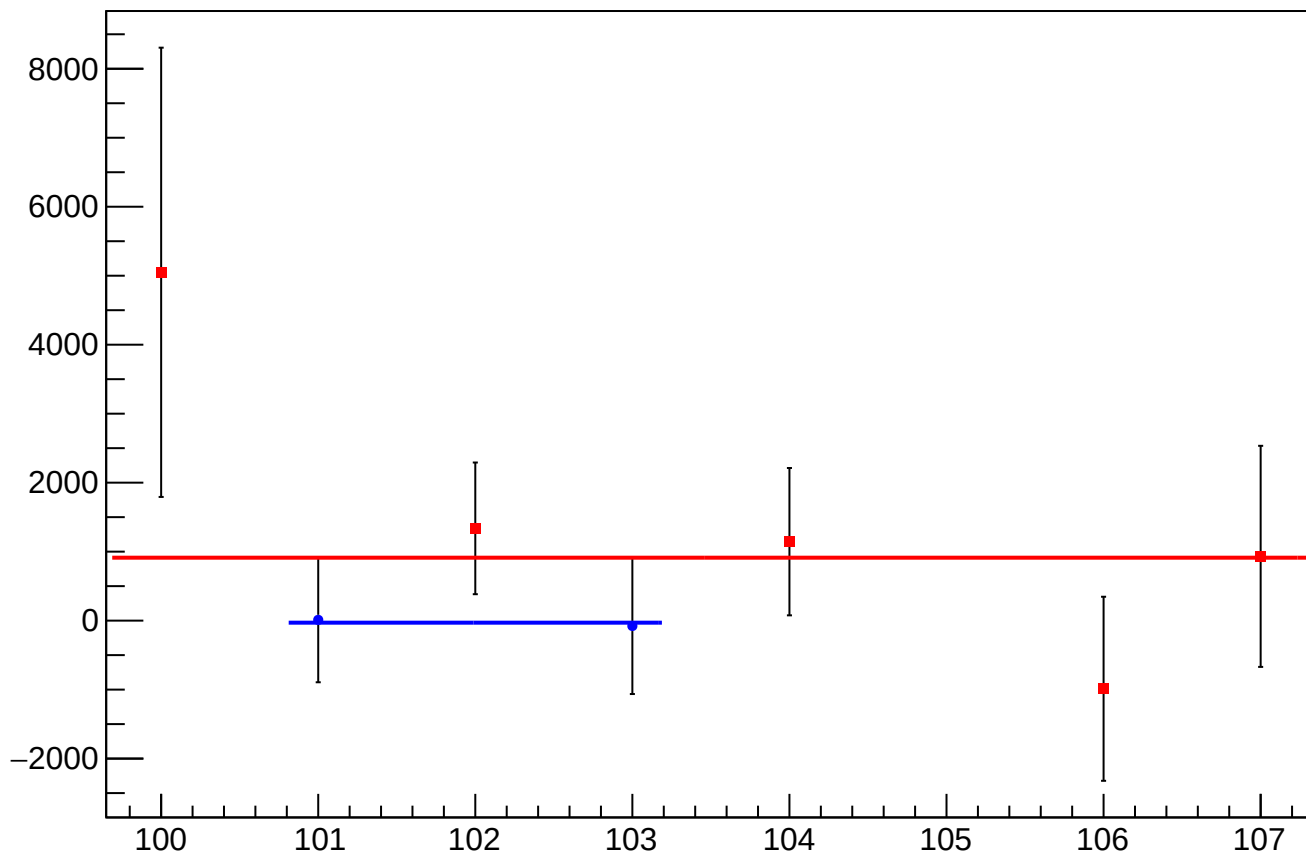
Right: 894.795+/-0.366 χ^2/NDF : 133378.3/6

In: 836.587+/-0.529 χ^2/NDF : 23013.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 894.795+/-0.366 χ^2/NDF : 133378.3/6

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -29.665 ± 666.553 χ^2/NDF : 0.0/1

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

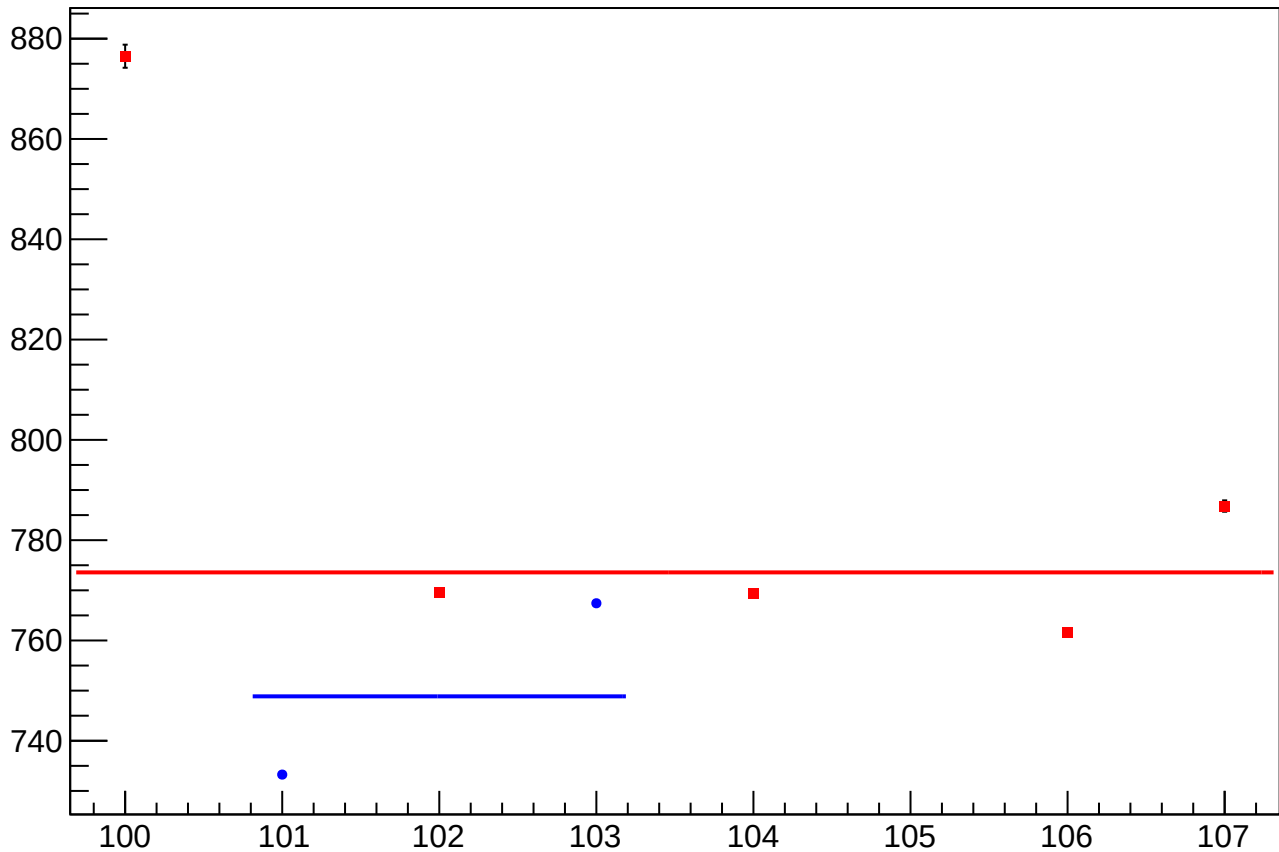
Right: 510.115 ± 435.570 χ^2/NDF : 5.0/6

In: -29.665 ± 666.553 χ^2/NDF : 0.0/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 510.115 ± 435.570 χ^2/NDF : 5.0/6

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 748.860 ± 0.471 χ^2/NDF : 1303.6/1

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

Right Out: 773.576 ± 0.407 χ^2/NDF : 2362.6/4

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

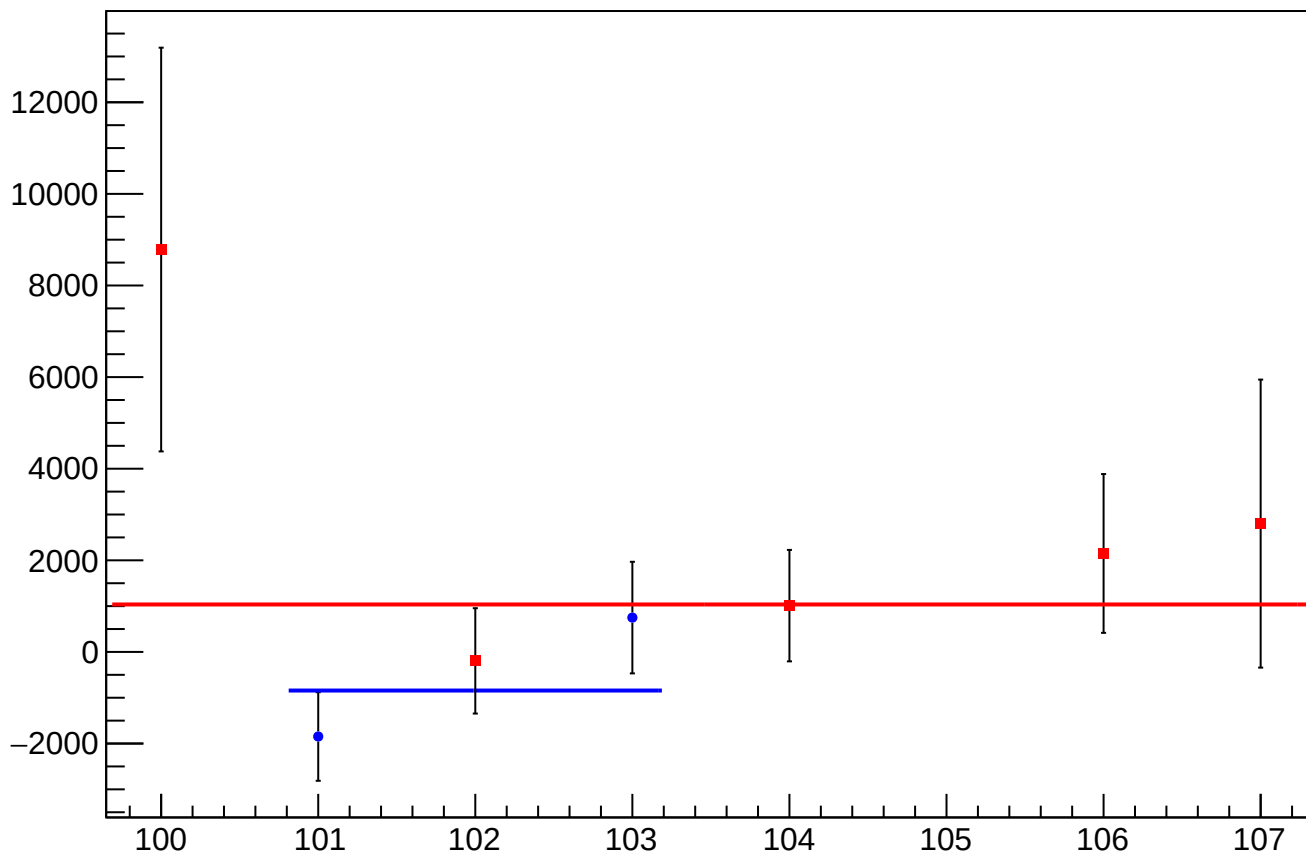
Right: 763.022 ± 0.308 χ^2/NDF : 5241.9/6

In: 748.860 ± 0.471 χ^2/NDF : 1303.6/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 763.022 ± 0.308 χ^2/NDF : 5241.9/6

asym_us_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -842.829+/-757.401 χ^2/NDF : 2.8/1

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

Right Out: 1036.152+/-722.257 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

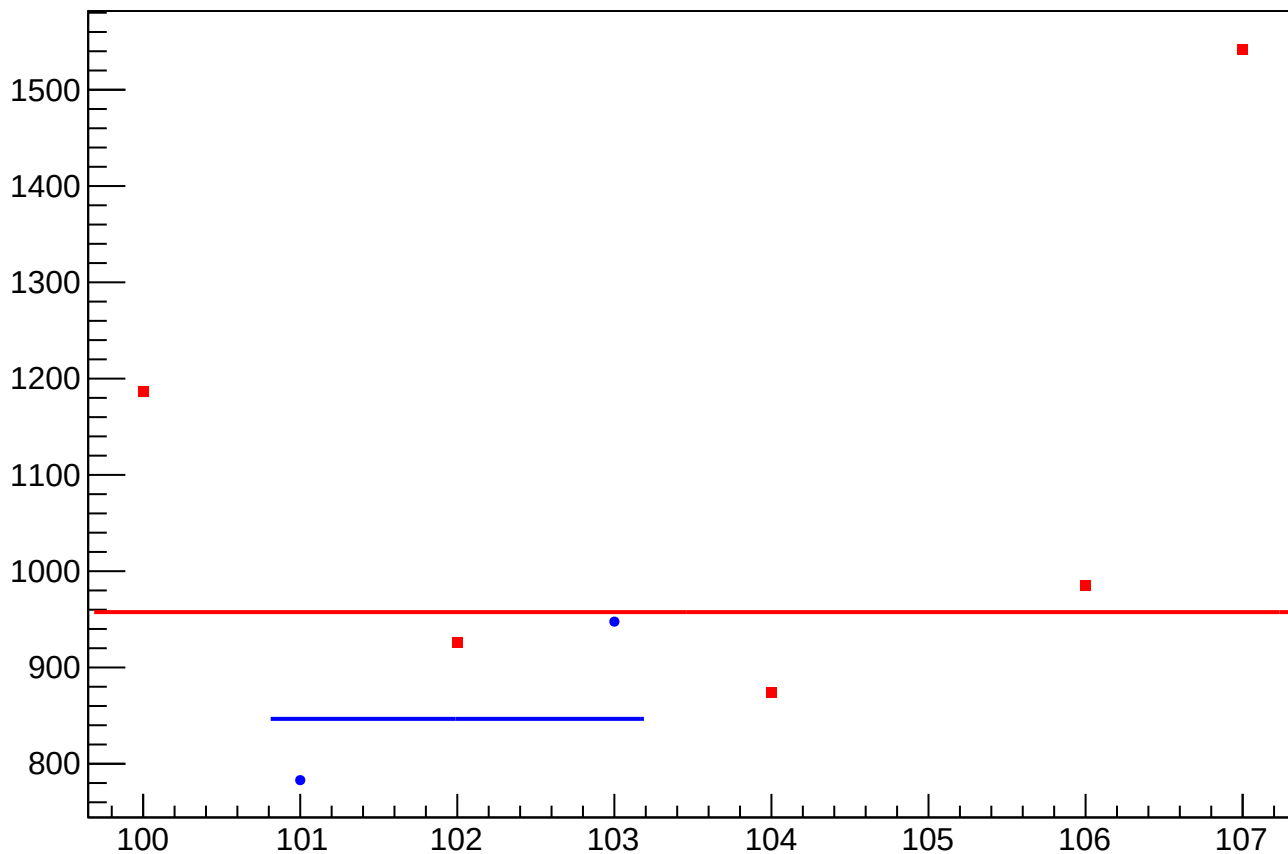
Right: 141.265+/-522.696 χ^2/NDF : 11.0/6

In: -842.829+/-757.401 χ^2/NDF : 2.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.265+/-522.696 χ^2/NDF : 11.0/6

asym_us_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 846.635 $\pm$ 0.536 χ^2 /NDF: 22404.2/1

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

Right Out: 957.516 $\pm$ 0.511 χ^2 /NDF: 85831.3/4

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

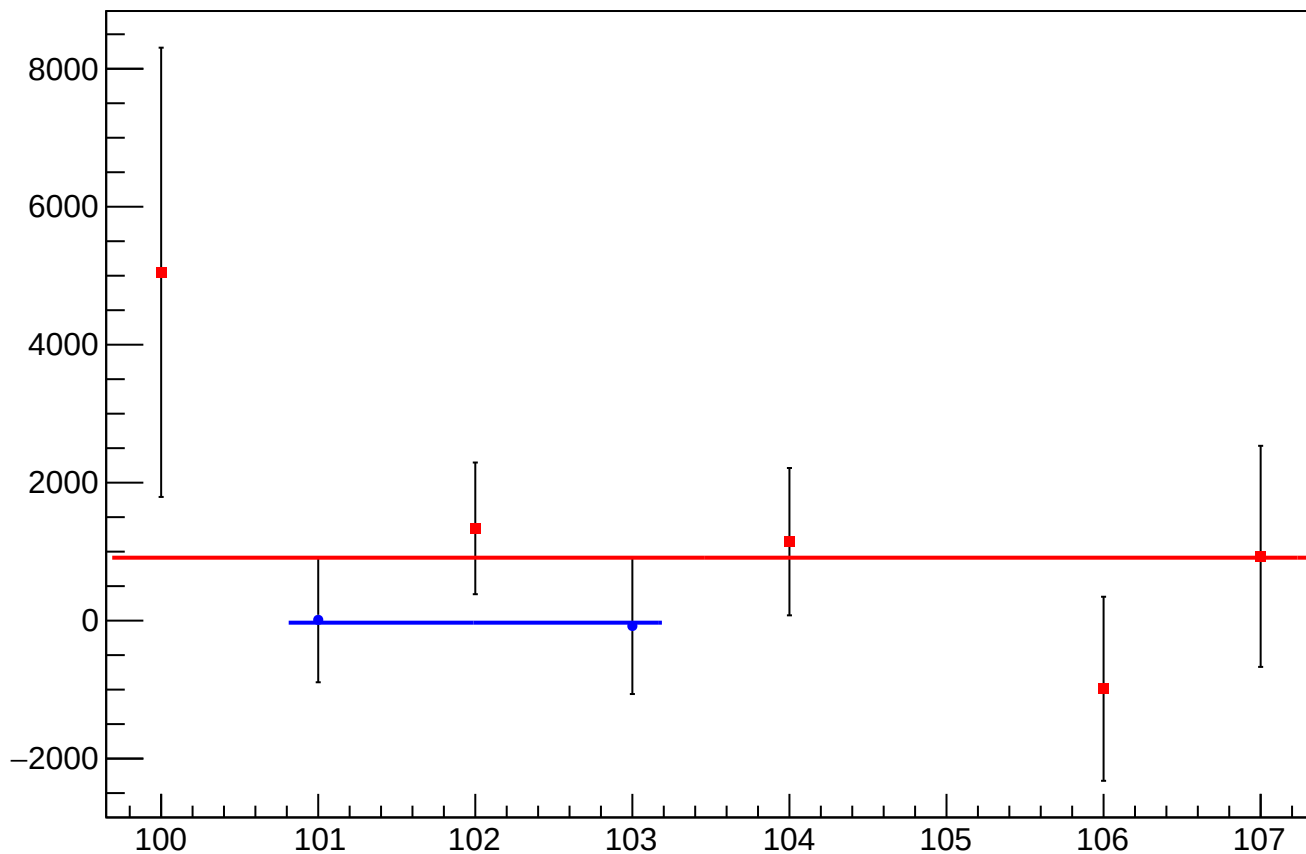
Right: 904.708 $\pm$ 0.370 χ^2 /NDF: 130685.0/6

In: 846.635 $\pm$ 0.536 χ^2 /NDF:22404.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 904.708 $\pm$ 0.370 χ^2 /NDF: 130685.0/6

eigen_dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -29.662 ± 666.553 χ^2/NDF : 0.0/1

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

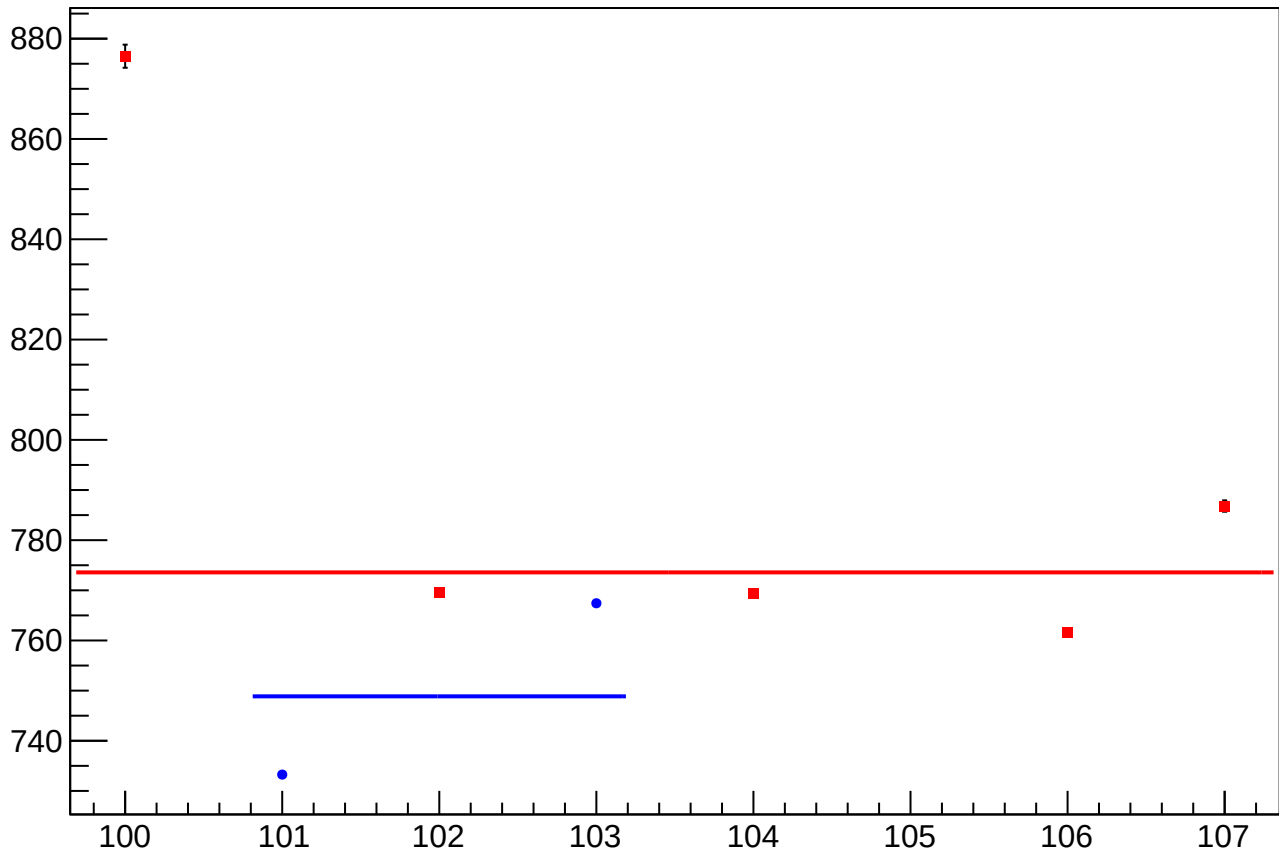
Right: 510.116 ± 435.570 χ^2/NDF : 5.0/6

In: -29.662 ± 666.553 χ^2/NDF : 0.0/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 510.116 ± 435.570 χ^2/NDF : 5.0/6

eigen_dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 748.860+/-0.471 χ^2/NDF : 1303.6/1

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

Right Out: 773.576+/-0.407 χ^2/NDF : 2362.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

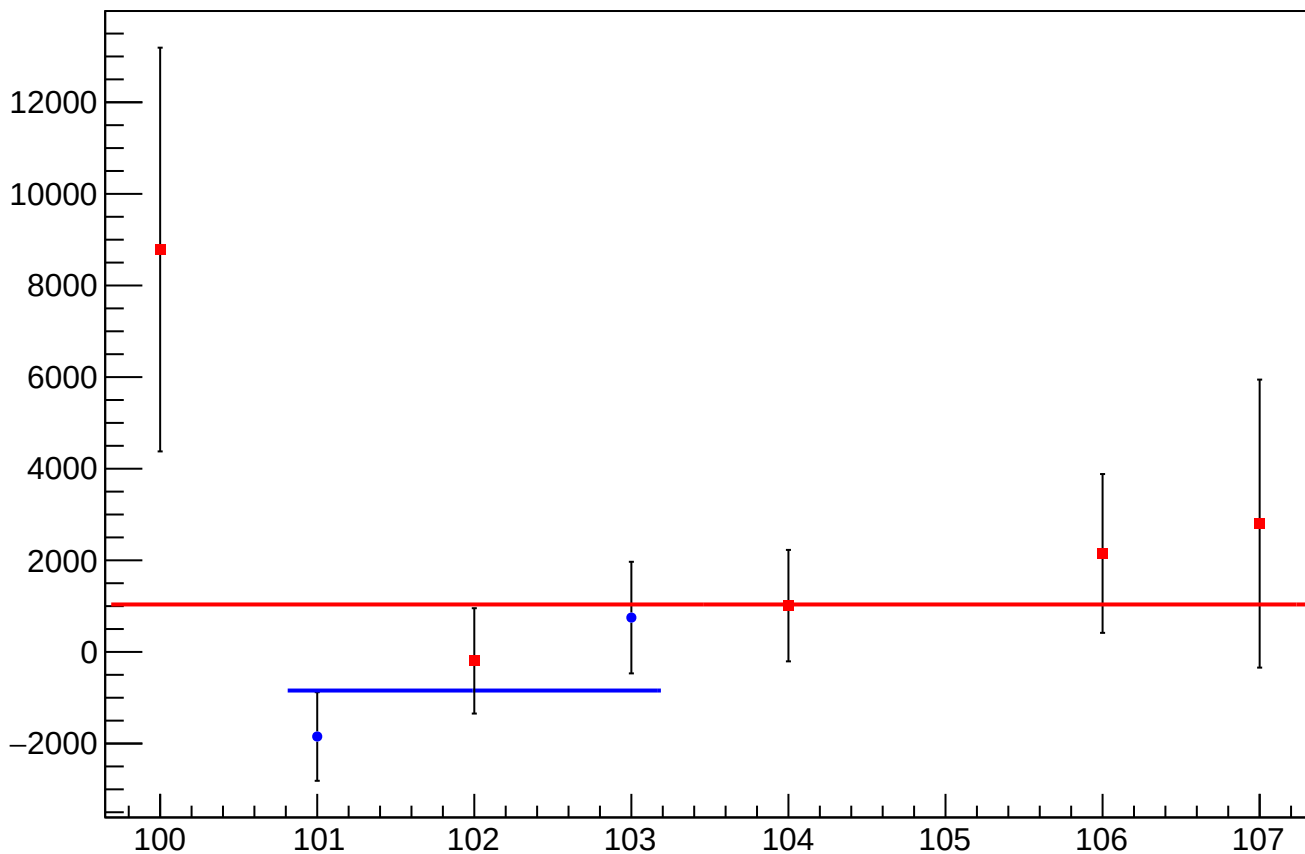
Right: 763.022+/-0.308 χ^2/NDF : 5241.9/6

In: 748.860+/-0.471 χ^2/NDF : 1303.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 763.022+/-0.308 χ^2/NDF : 5241.9/6

asym_us_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -842.834+/-757.402 χ^2/NDF : 2.8/1

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

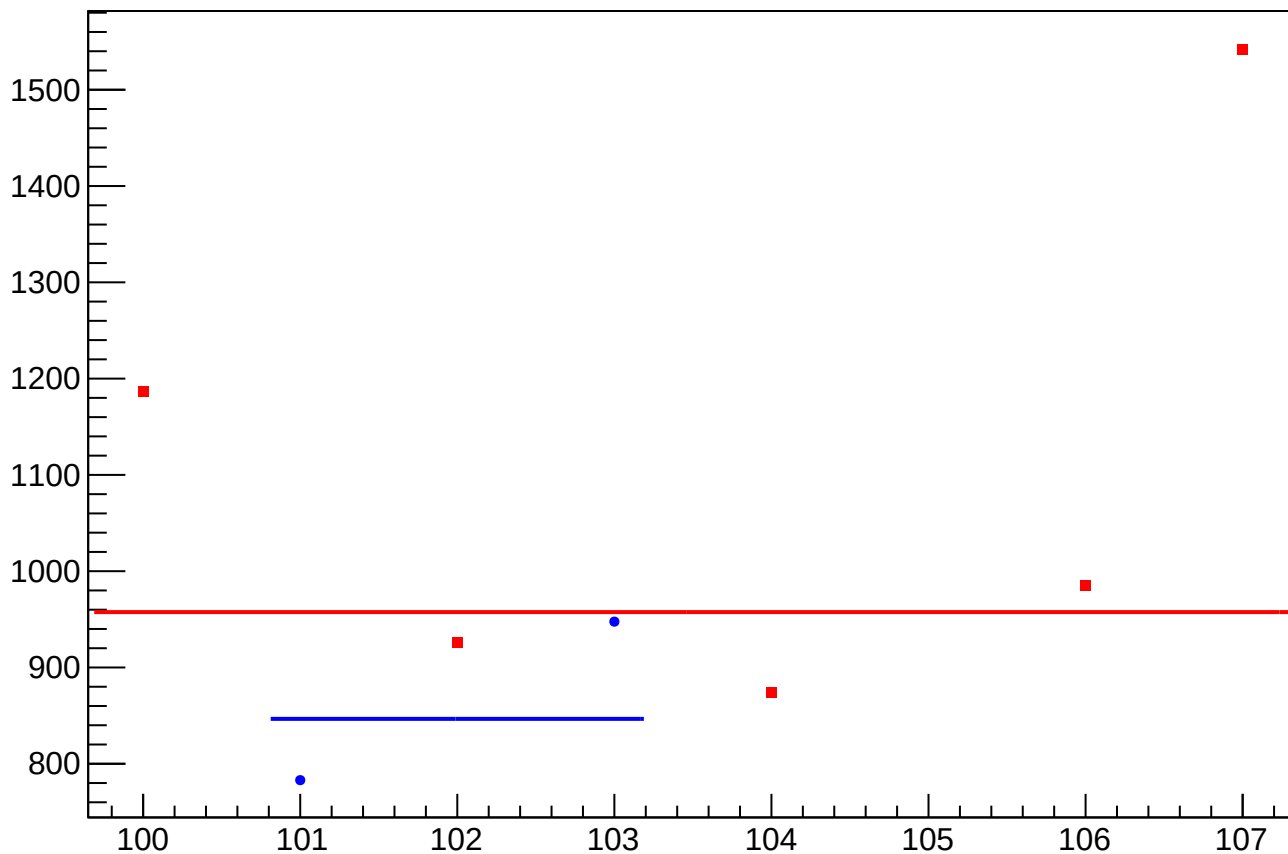
Right: 141.264+/-522.697 χ^2/NDF : 11.0/6

In: -842.834+/-757.402 χ^2/NDF : 2.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.264+/-522.697 χ^2/NDF : 11.0/6

asym_us_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 846.636+/-0.536 χ^2/NDF : 22405.2/1

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

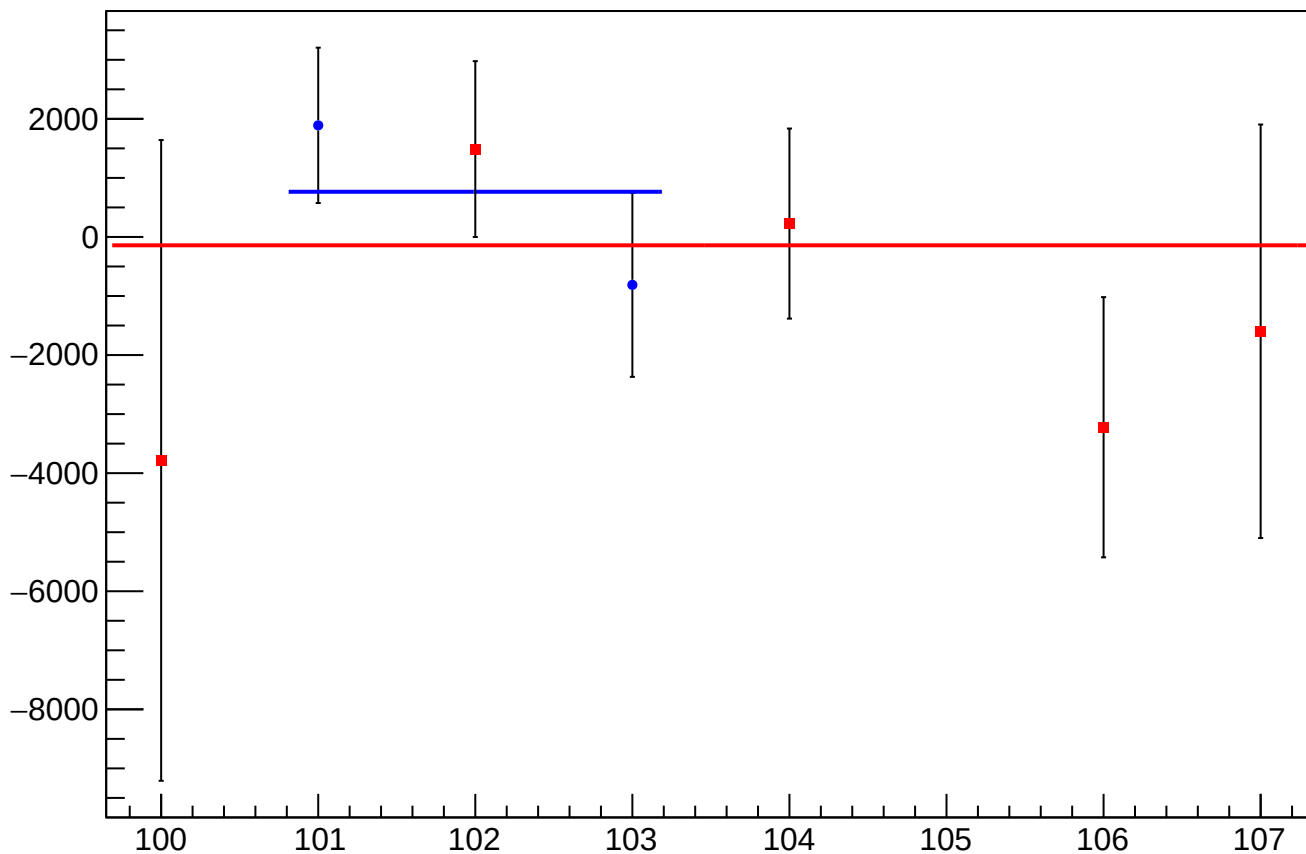
Right: 904.710+/-0.370 χ^2/NDF : 130684.3/6

In: 846.636+/-0.536 χ^2/NDF : 22405.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 904.710+/-0.370 χ^2/NDF : 130684.3/6

asym_us_dd_mean vs Slug, Sign Corrected



Right In: 765.263+/-1005.114 χ^2/NDF : 1.8/1

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

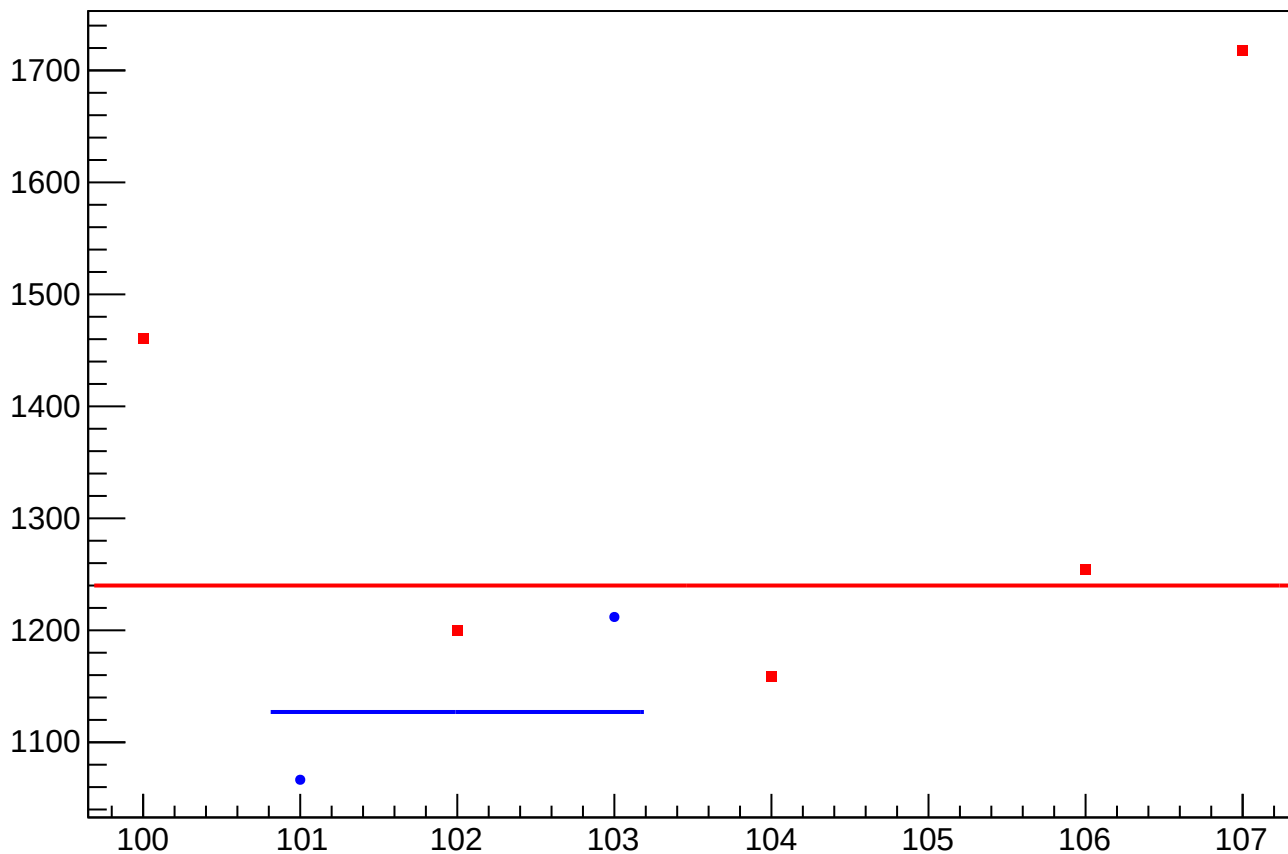
Right: 276.294+/-682.235 χ^2/NDF : 6.0/6

In: 765.263+/-1005.114 χ^2/NDF : 1.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 276.294+/-682.235 χ^2/NDF : 6.0/6

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1127.078+/-0.711 χ^2/NDF : 10165.7/1

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

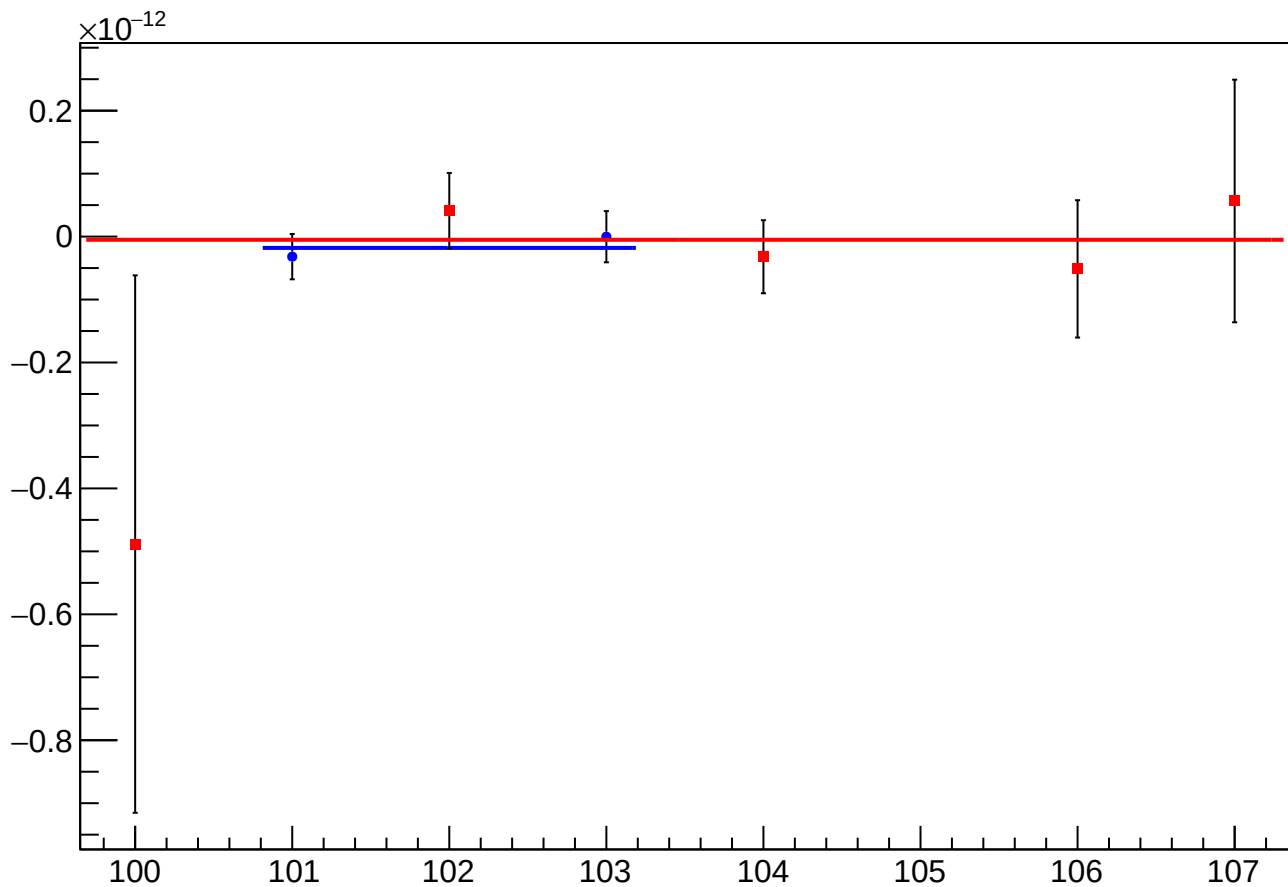
Right: 1187.980+/-0.482 χ^2/NDF : 70980.7/6

In: 1127.078+/-0.711 χ^2/NDF : 10165.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1187.980+/-0.482 χ^2/NDF : 70980.7/6

asym_us_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.3/1

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

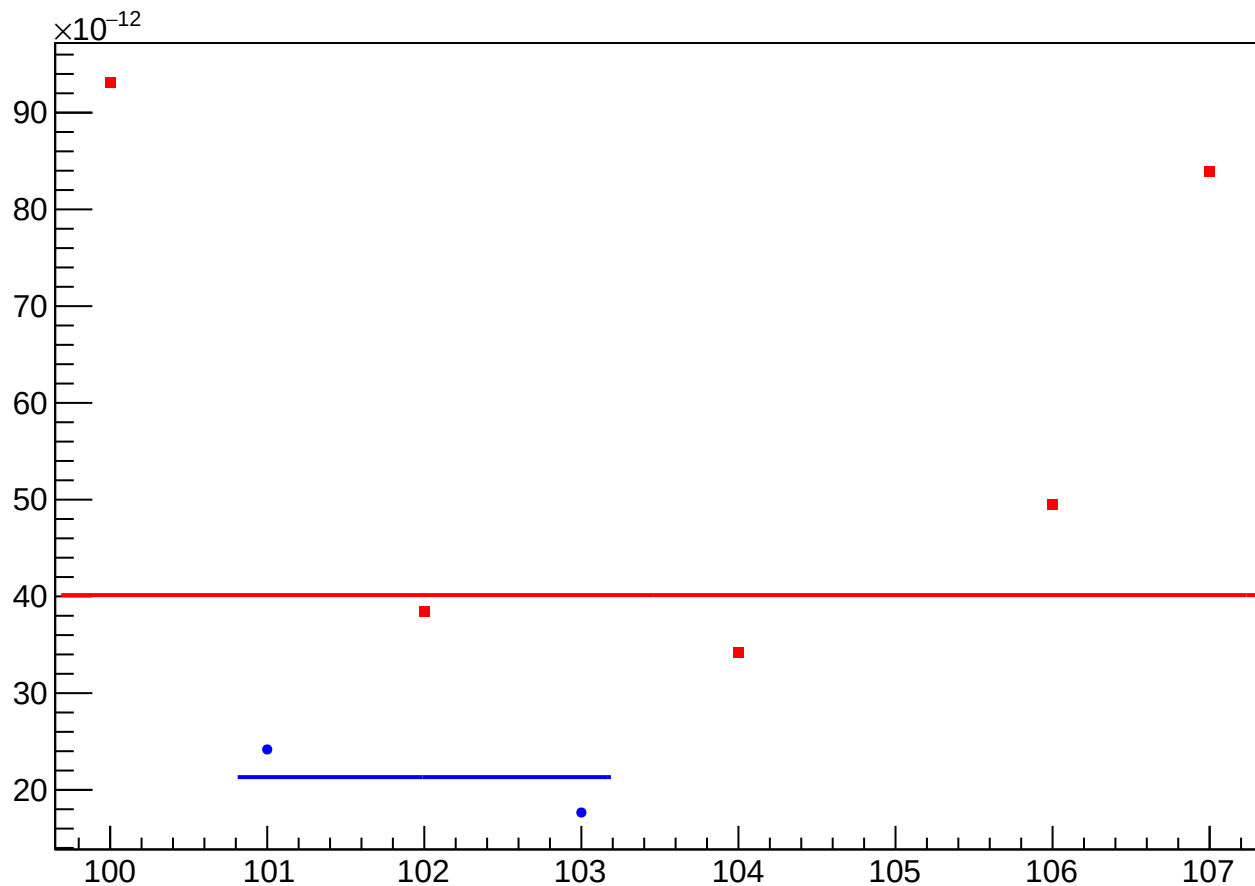
Right: -0.000+/-0.000 χ^2/NDF : 2.8/6

In: -0.000+/-0.000 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 2.8/6

asym_us_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 28870.7/1

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

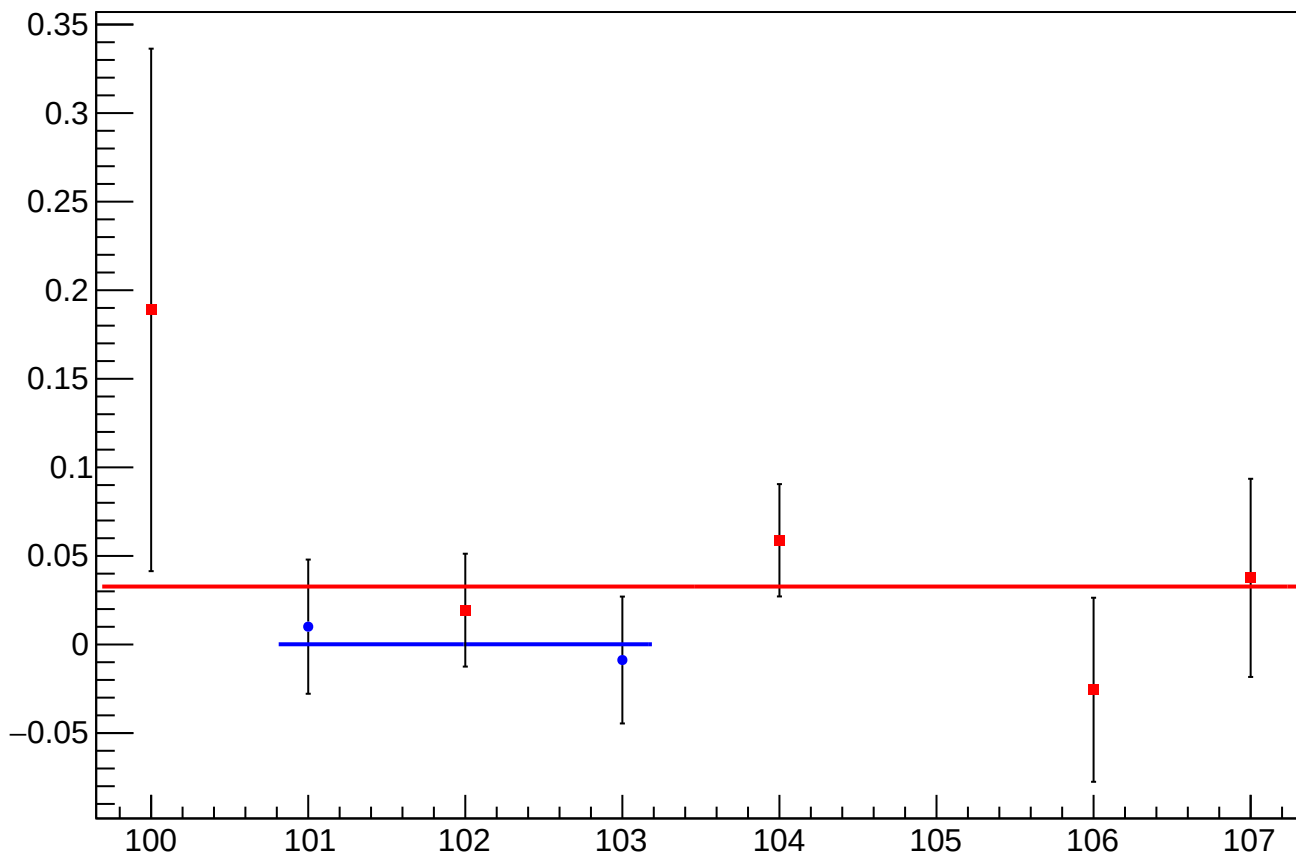
Right: 0.000+/-0.000 χ^2/NDF : 526891.9/6

In: 0.000+/-0.000 χ^2/NDF : 28870.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 526891.9/6

asym_us_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.026 χ^2 /NDF: 0.1/1

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

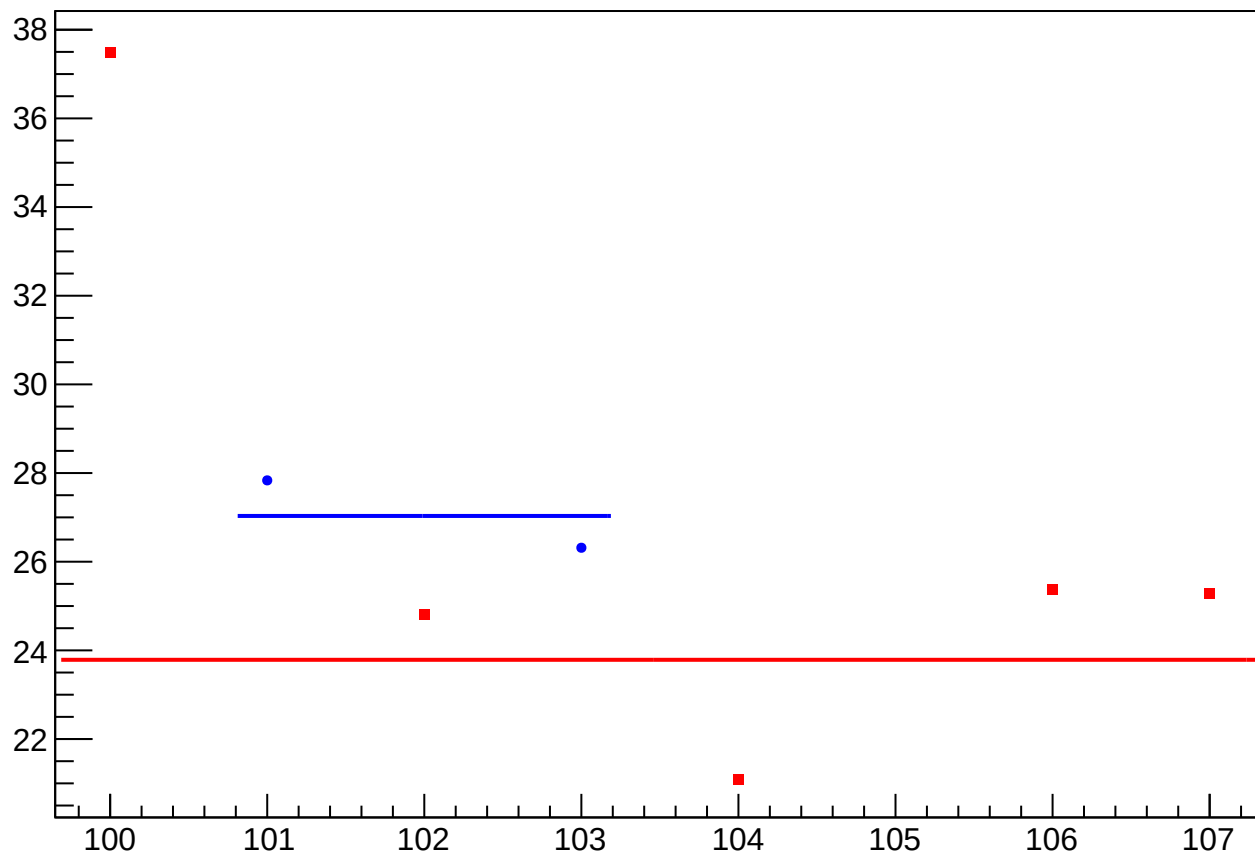
Right: 0.021 $\pm$ 0.015 χ^2 /NDF: 4.4/6

In: 0.000 $\pm$ 0.026 χ^2 /NDF: 0.1/1

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

All: 0.021 $\pm$ 0.015 χ^2 /NDF: 4.4/6

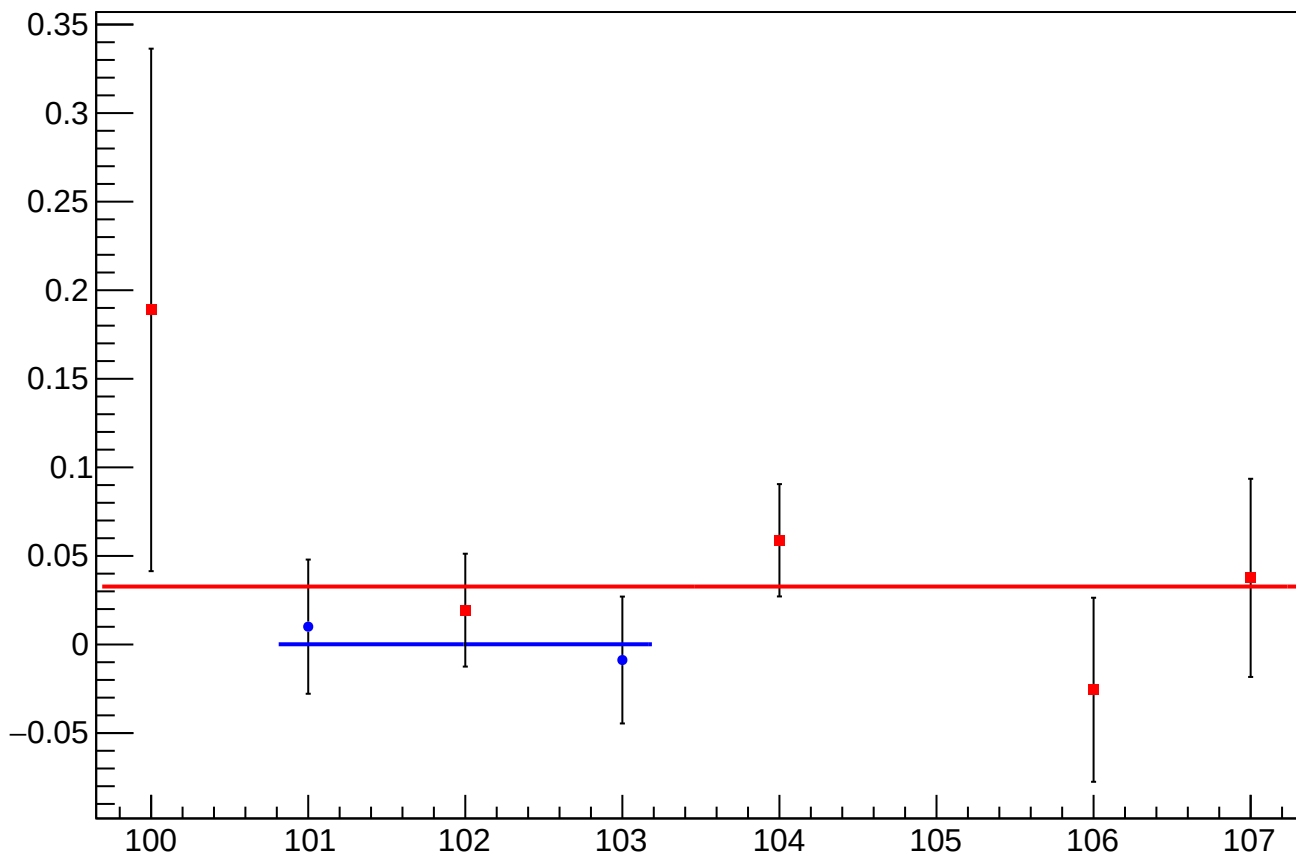
asym_us_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.032 $\pm$ 0.018 χ^2 /NDF: 1700.5/1
 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: 24.930 $\pm$ 0.011 χ^2 /NDF: 59006.7/6
 In: 27.032 $\pm$ 0.018 χ^2 /NDF:1700.5/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 24.930 $\pm$ 0.011 χ^2 /NDF: 59006.7/6

asym_us_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.026 χ^2 /NDF: 0.1/1

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

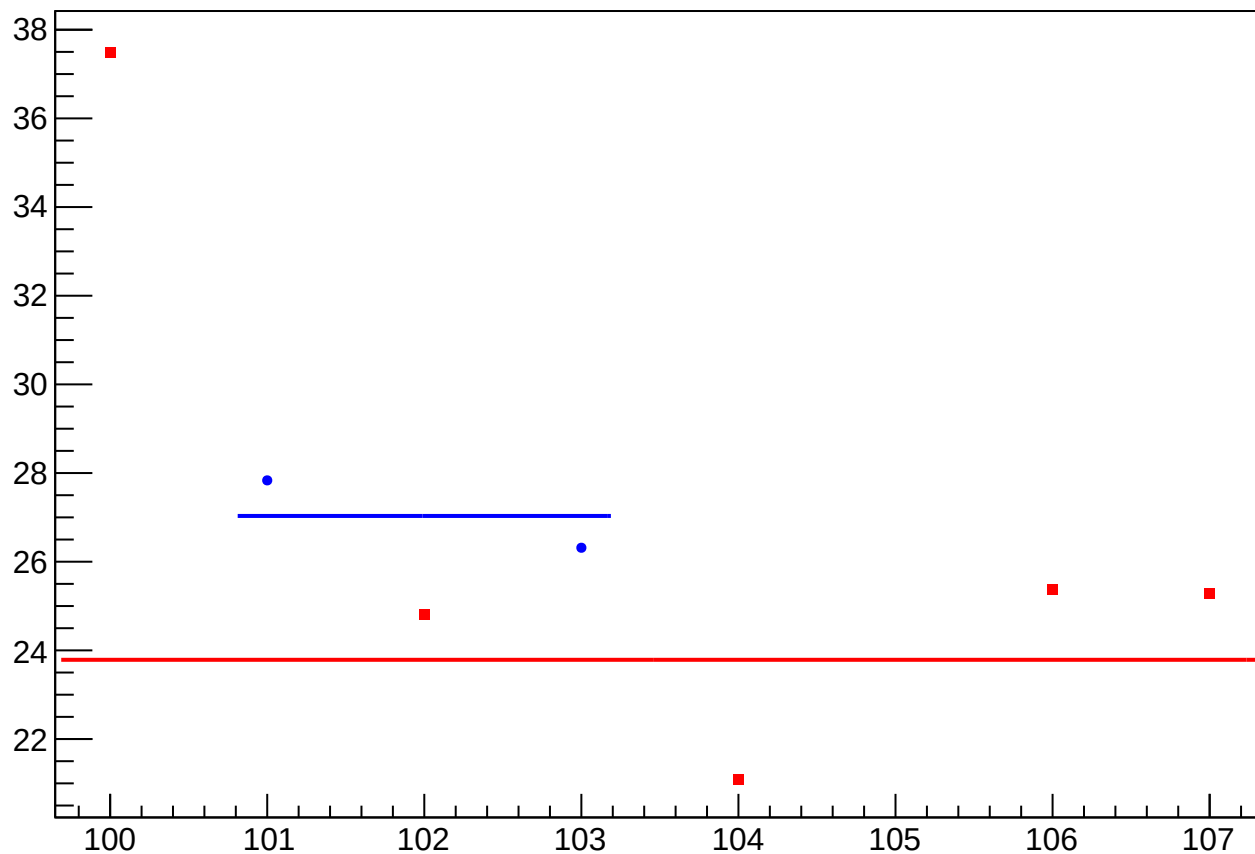
Right: 0.021 $\pm$ 0.015 χ^2 /NDF: 4.4/6

In: 0.000 $\pm$ 0.026 χ^2 /NDF: 0.1/1

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

All: 0.021 $\pm$ 0.015 χ^2 /NDF: 4.4/6

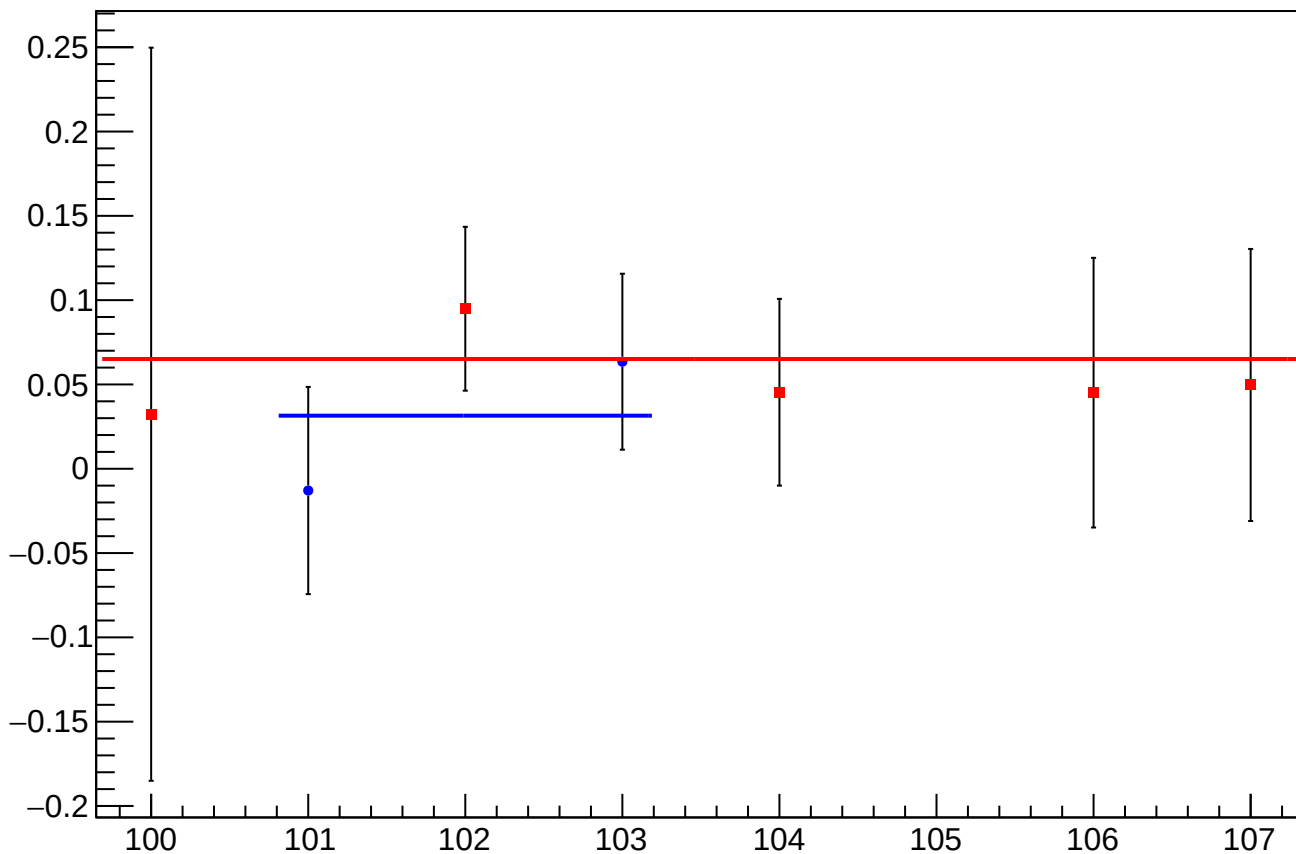
asym_us_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.032 $\pm$ 0.018 χ^2 /NDF: 1700.5/1
 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: 24.930 $\pm$ 0.011 χ^2 /NDF: 59006.7/6
 In: 27.032 $\pm$ 0.018 χ^2 /NDF:1700.5/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 24.930 $\pm$ 0.011 χ^2 /NDF: 59006.7/6

asym_us_dd_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.031+/-0.040 χ^2/NDF : 0.9/1

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

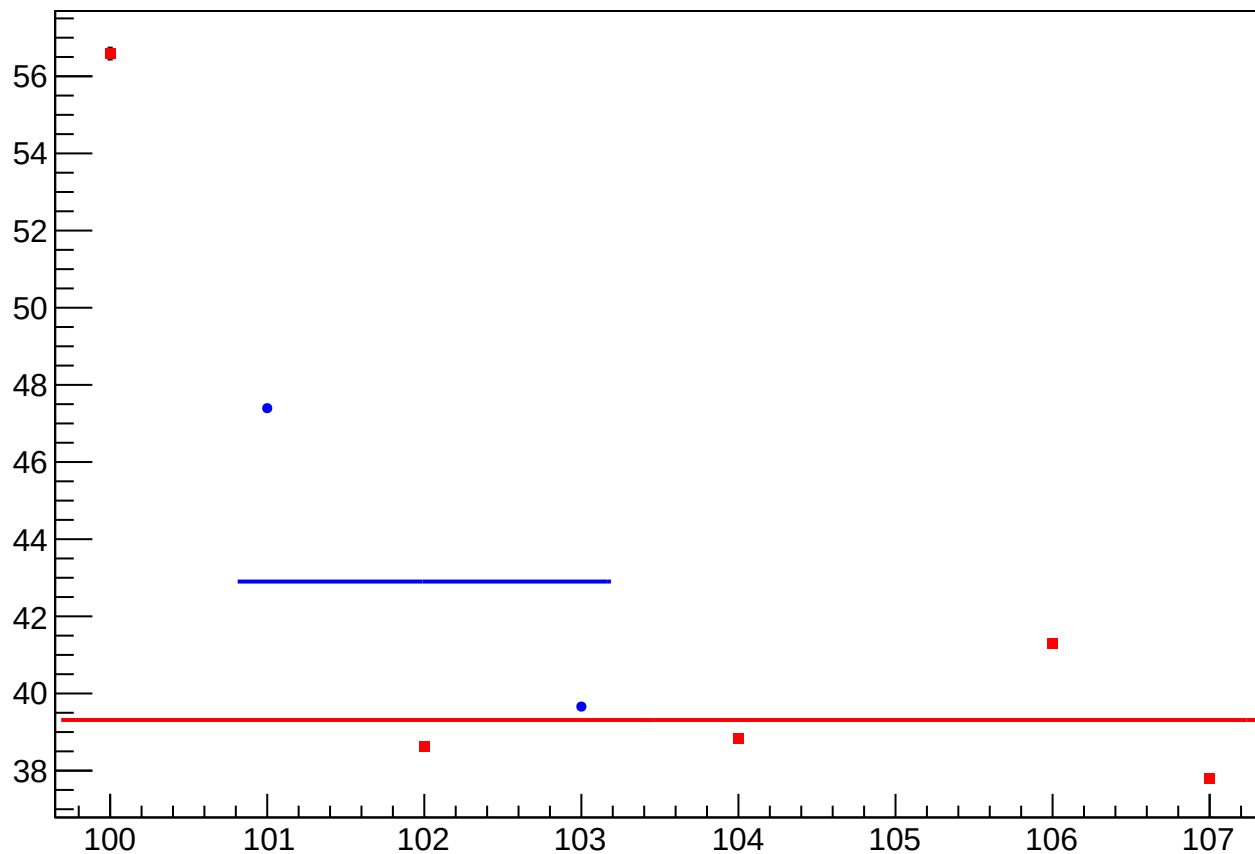
Right: 0.053+/-0.024 χ^2/NDF : 2.0/6

In: 0.031+/-0.040 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.053+/-0.024 χ^2/NDF : 2.0/6

asym_us_dd_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.902 $\pm$ 0.028 χ^2 /NDF: 18418.2/1

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

Right Out: 39.313 $\pm$ 0.022 χ^2 /NDF: 15108.5/4

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

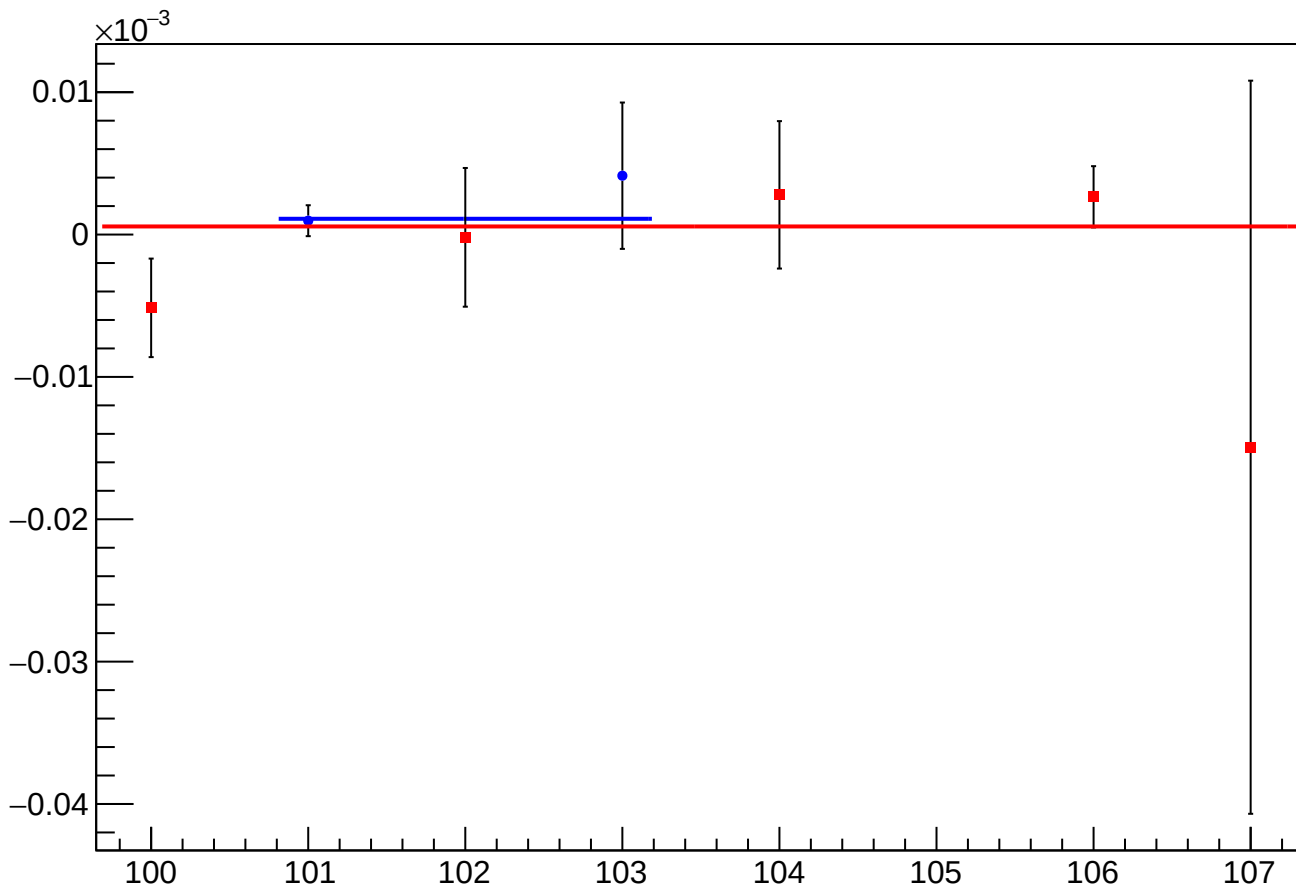
Right: 40.638 $\pm$ 0.017 χ^2 /NDF: 43799.1/6

In: 42.902 $\pm$ 0.028 χ^2 /NDF: 18418.2/1

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

All: 40.638 $\pm$ 0.017 χ^2 /NDF: 43799.1/6

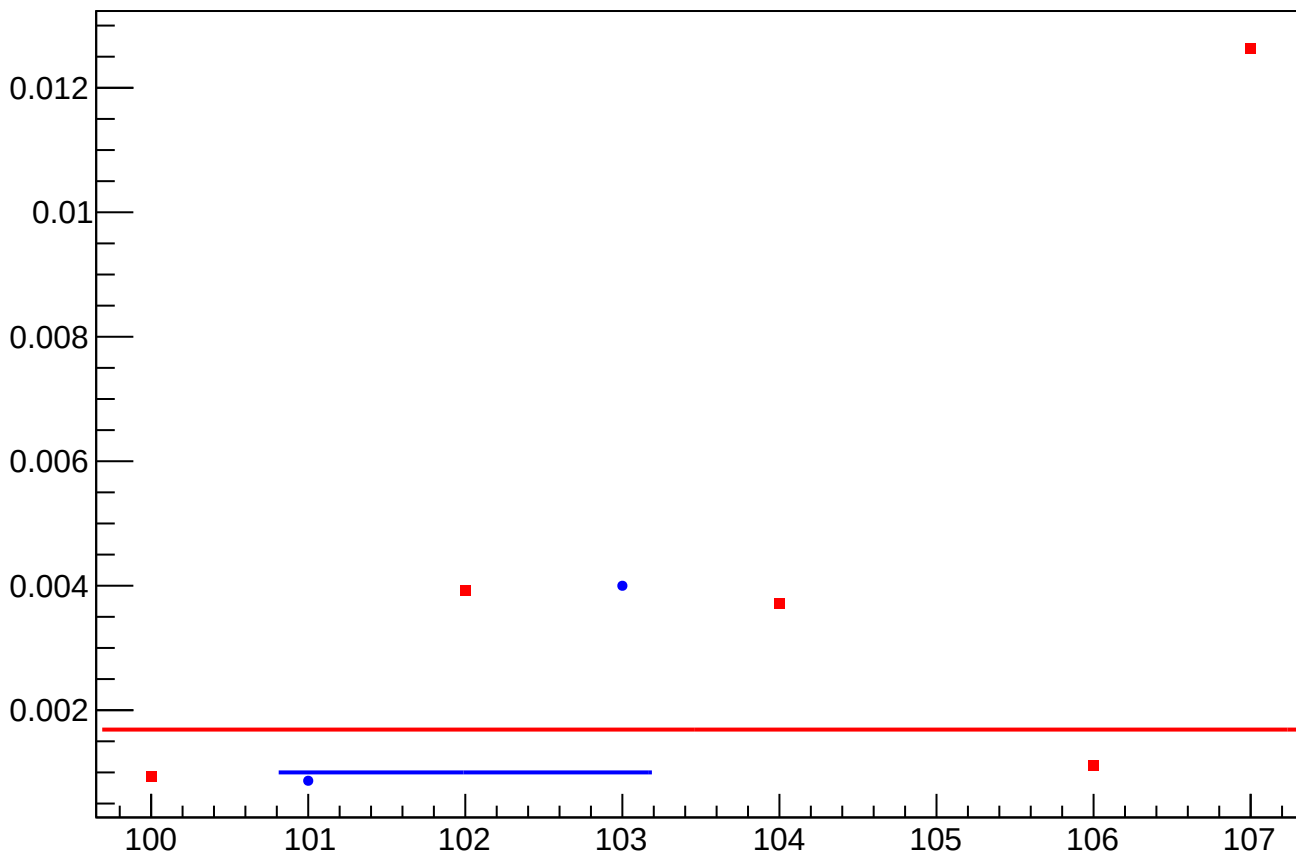
asym_us_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.4/1
 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 : 4.7/6
 In: 0.000+/-0.000 χ^2/NDF : 0.4/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 4.7/6

asym_us_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 711098.5/1

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

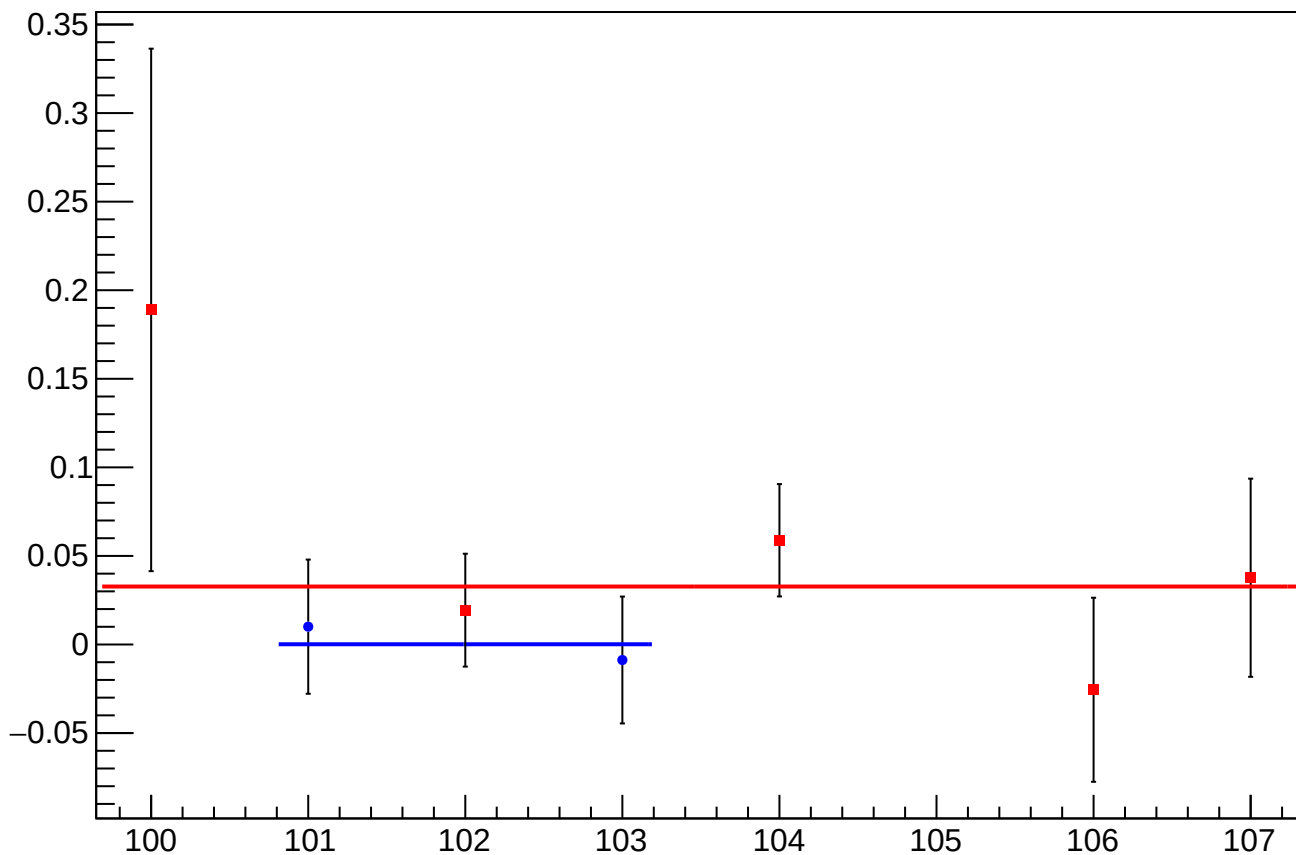
Right: 0.001+/-0.000 χ^2/NDF : 2288725.5/6

In: 0.001+/-0.000 χ^2/NDF : 711098.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2288725.5/6

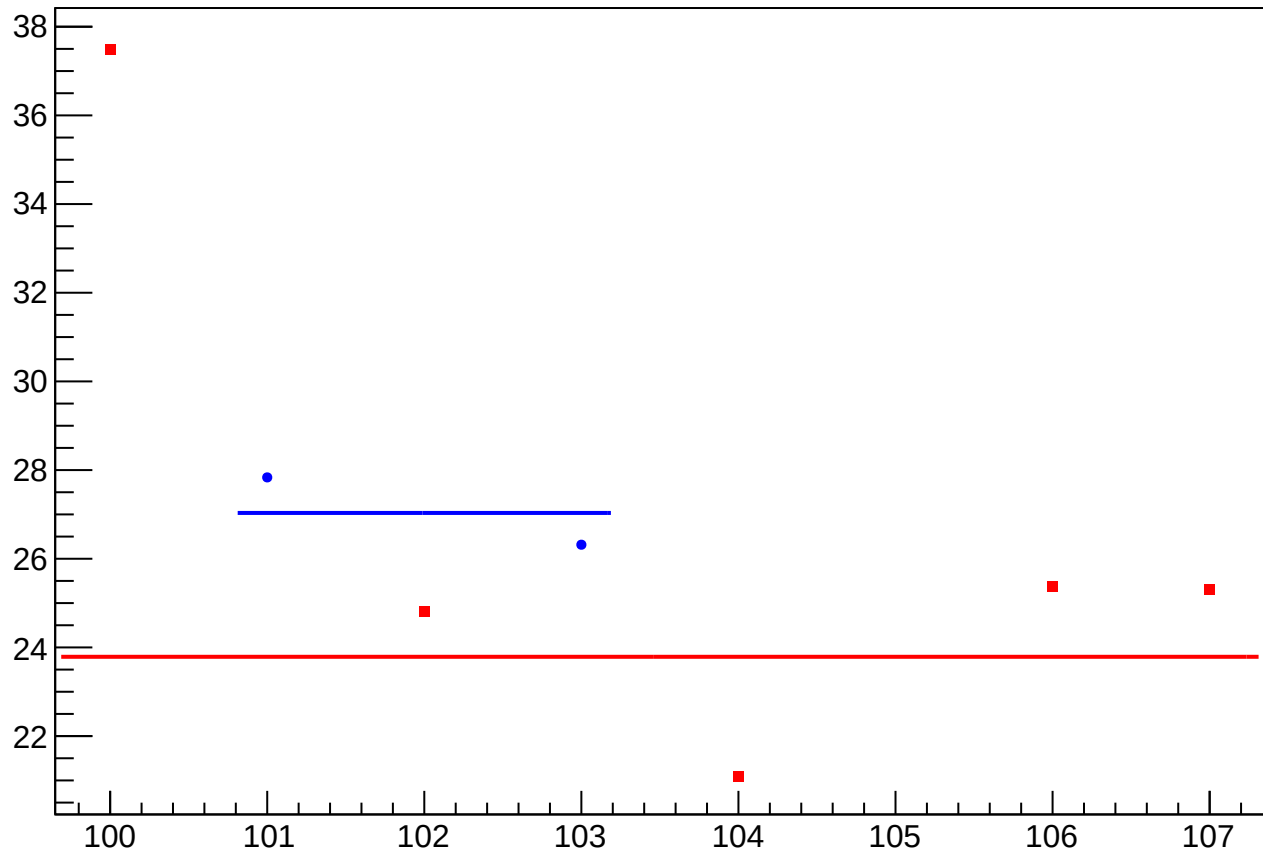
asym_us_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.026 χ^2 /NDF: 0.1/1
 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: 0.021 $\pm$ 0.015 χ^2 /NDF: 4.4/6
 In: 0.000 $\pm$ 0.026 χ^2 /NDF: 0.1/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.021 $\pm$ 0.015 χ^2 /NDF: 4.4/6

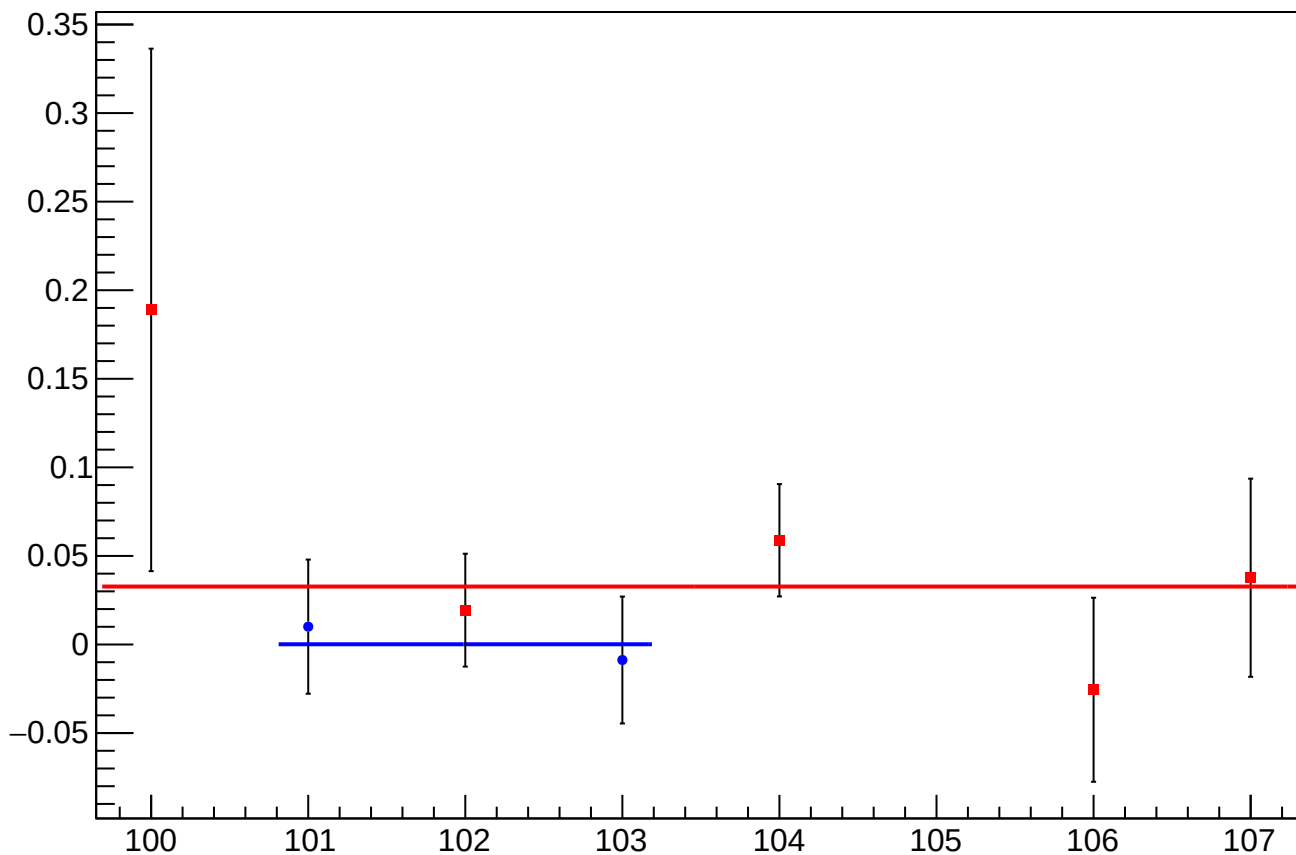
asym_us_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.033+/-0.018 χ^2/NDF : 1697.1/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 23.789+/-0.014 χ^2/NDF : 37151.8/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 24.932+/-0.011 χ^2/NDF : 58989.9/6
 In: 27.033+/-0.018 χ^2/NDF : 1697.1/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 24.932+/-0.011 χ^2/NDF : 58989.9/6

asym_us_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.026 χ^2 /NDF: 0.1/1

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

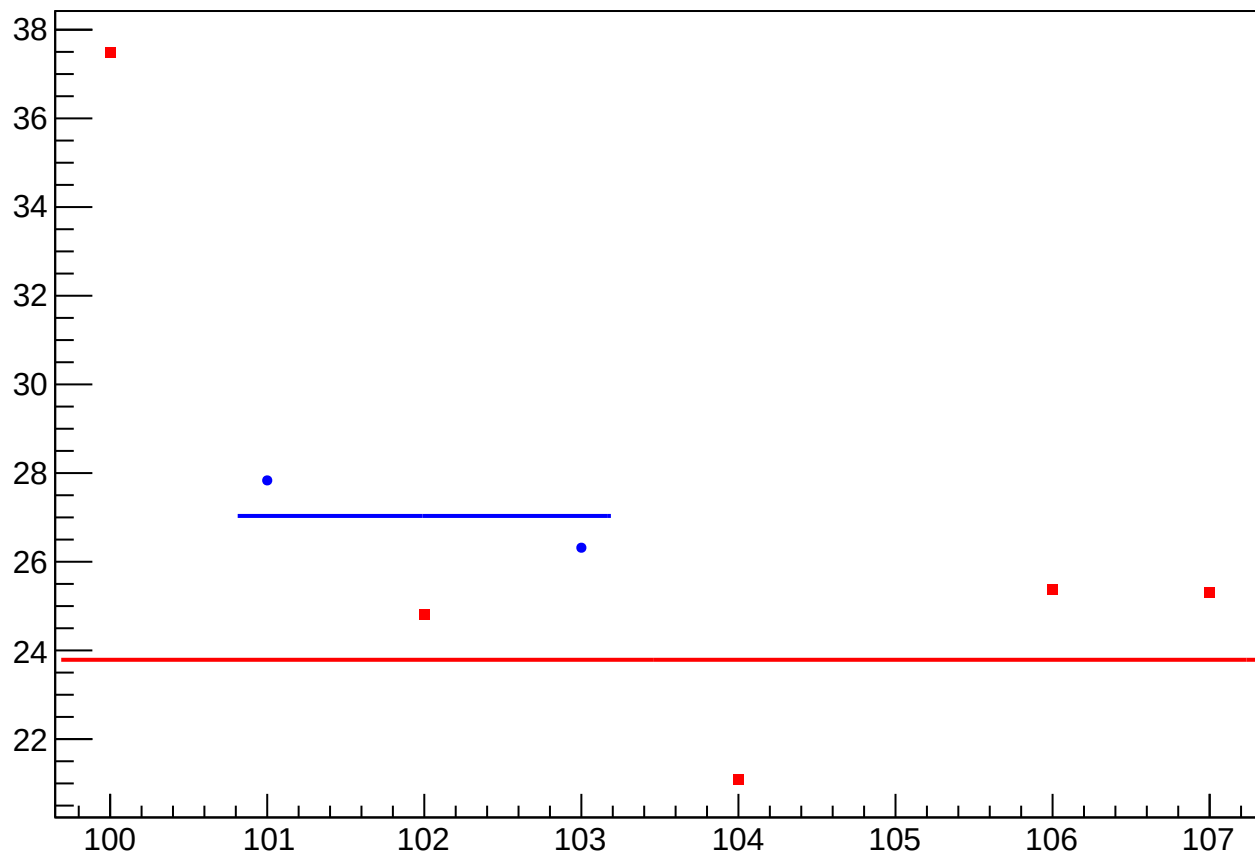
Right: 0.021 $\pm$ 0.015 χ^2 /NDF: 4.4/6

In: 0.000 $\pm$ 0.026 χ^2 /NDF: 0.1/1

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

All: 0.021 $\pm$ 0.015 χ^2 /NDF: 4.4/6

asym_us_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.033+/-0.018 χ^2/NDF : 1697.1/1

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

Right Out: 23.789+/-0.014 χ^2/NDF : 37151.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

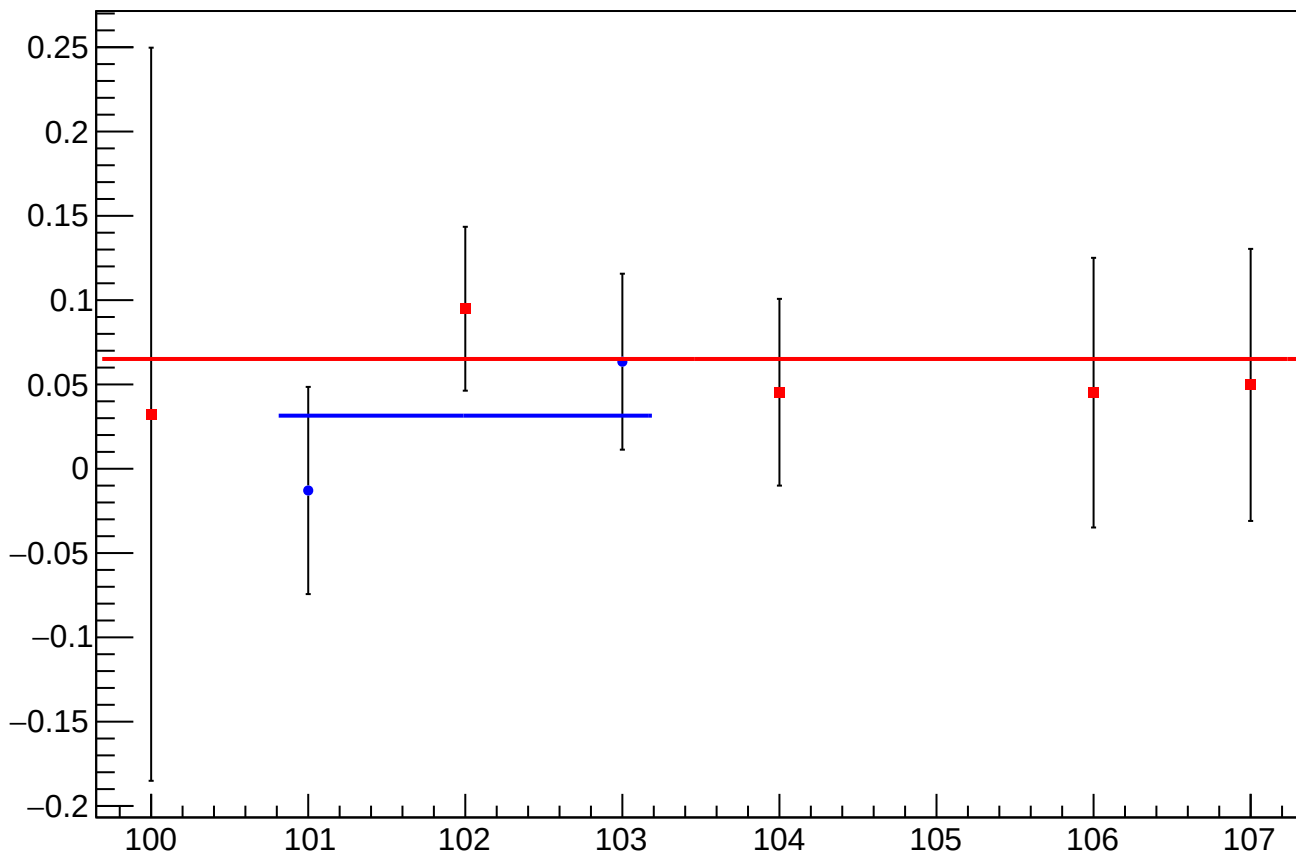
Right: 24.932+/-0.011 χ^2/NDF : 58989.9/6

In: 27.033+/-0.018 χ^2/NDF : 1697.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.932+/-0.011 χ^2/NDF : 58989.9/6

asym_us_dd_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.031+/-0.040 χ^2/NDF : 0.9/1

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

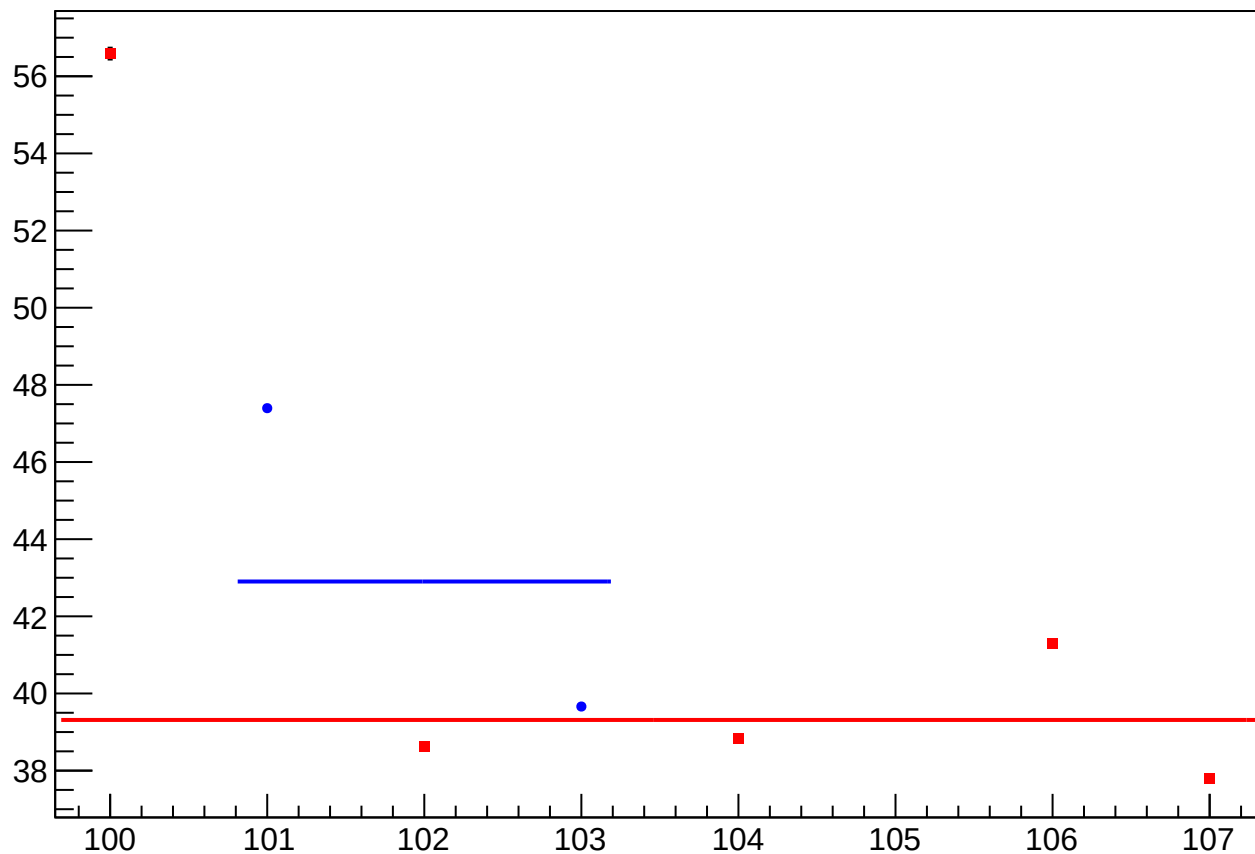
Right: 0.053+/-0.024 χ^2/NDF : 2.0/6

In: 0.031+/-0.040 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.053+/-0.024 χ^2/NDF : 2.0/6

asym_us_dd_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.903+/-0.028 χ^2/NDF : 18411.9/1

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

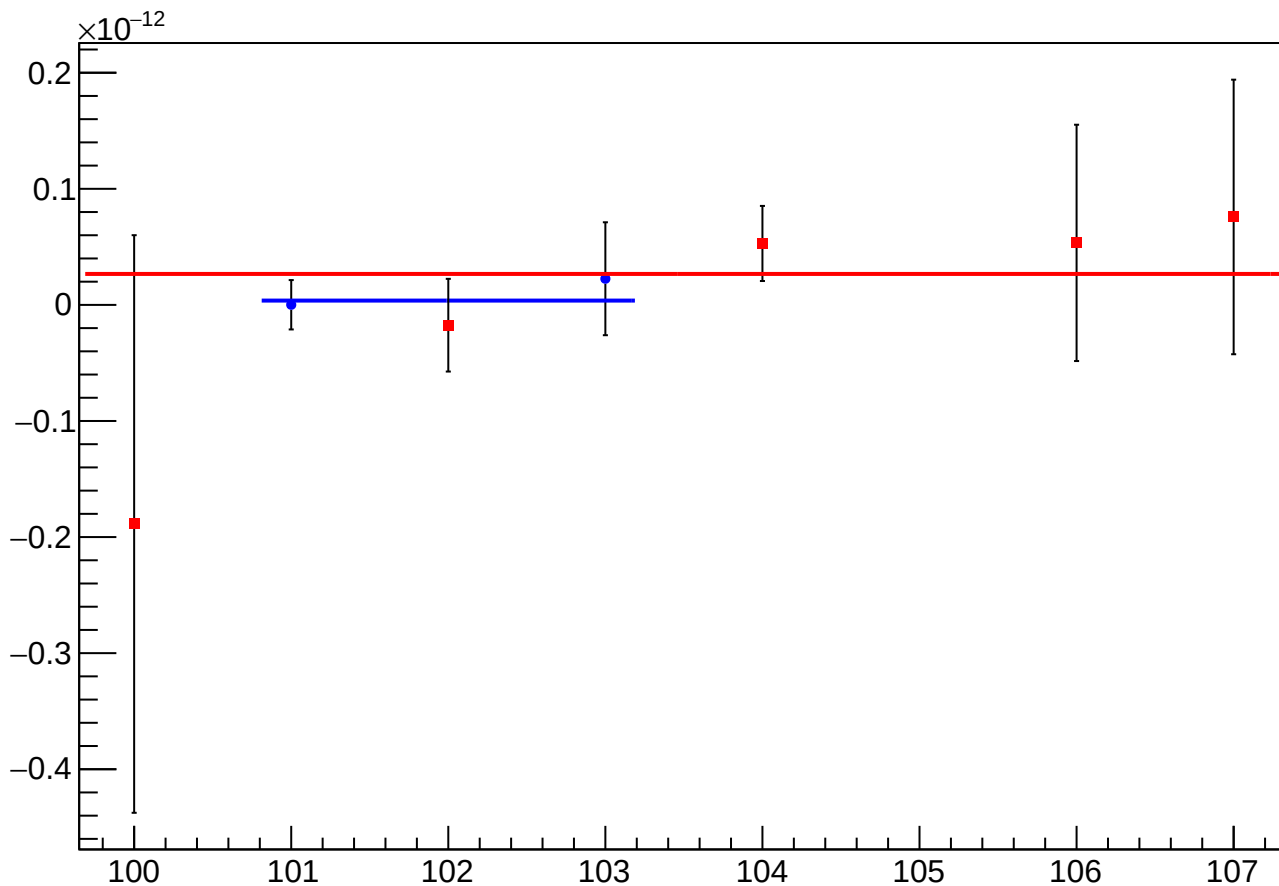
Right: 40.638+/-0.017 χ^2/NDF : 43792.6/6

In: 42.903+/-0.028 χ^2/NDF : 18411.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.638+/-0.017 χ^2/NDF : 43792.6/6

asym_us_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.2/1

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

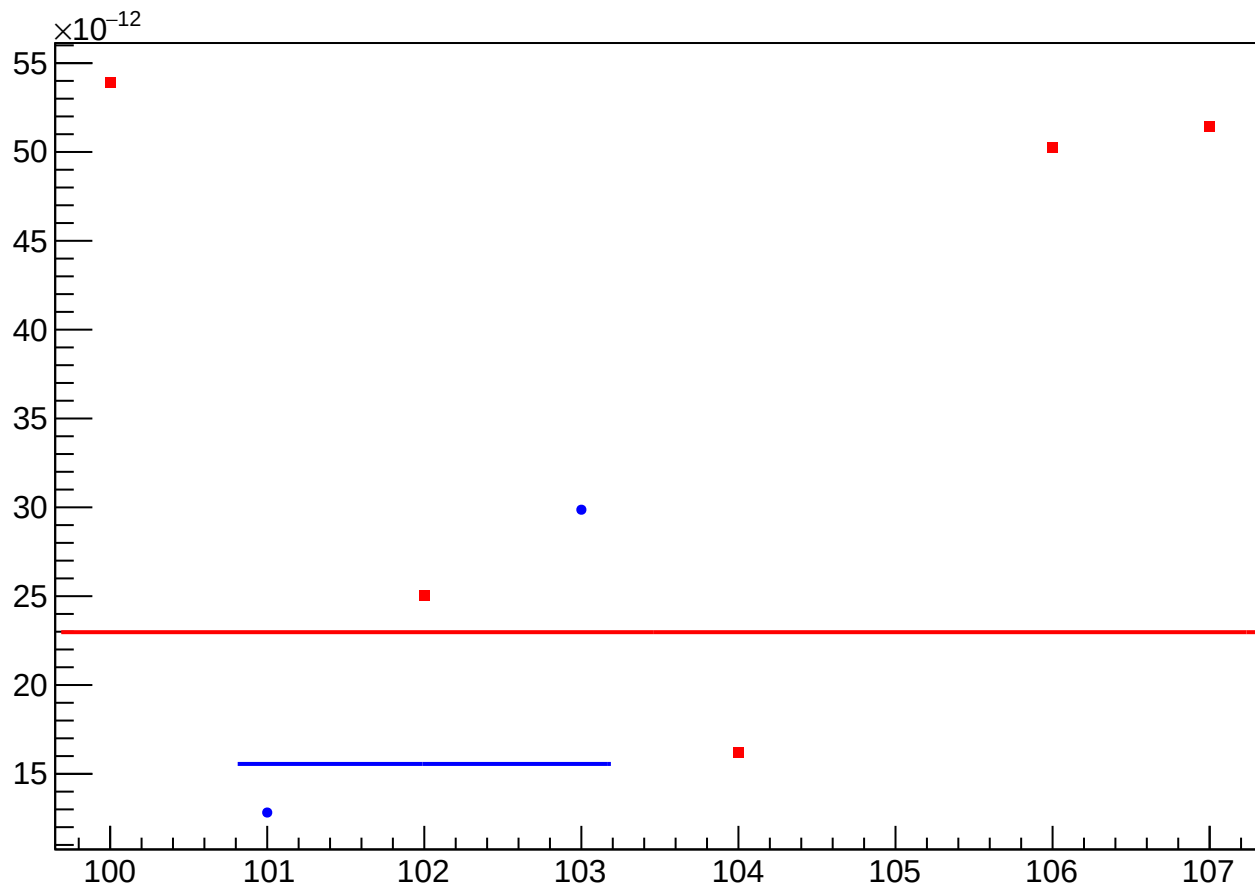
Right: 0.000+/-0.000 χ^2/NDF : 3.6/6

In: 0.000+/-0.000 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.6/6

asym_us_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 206138.7/1

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

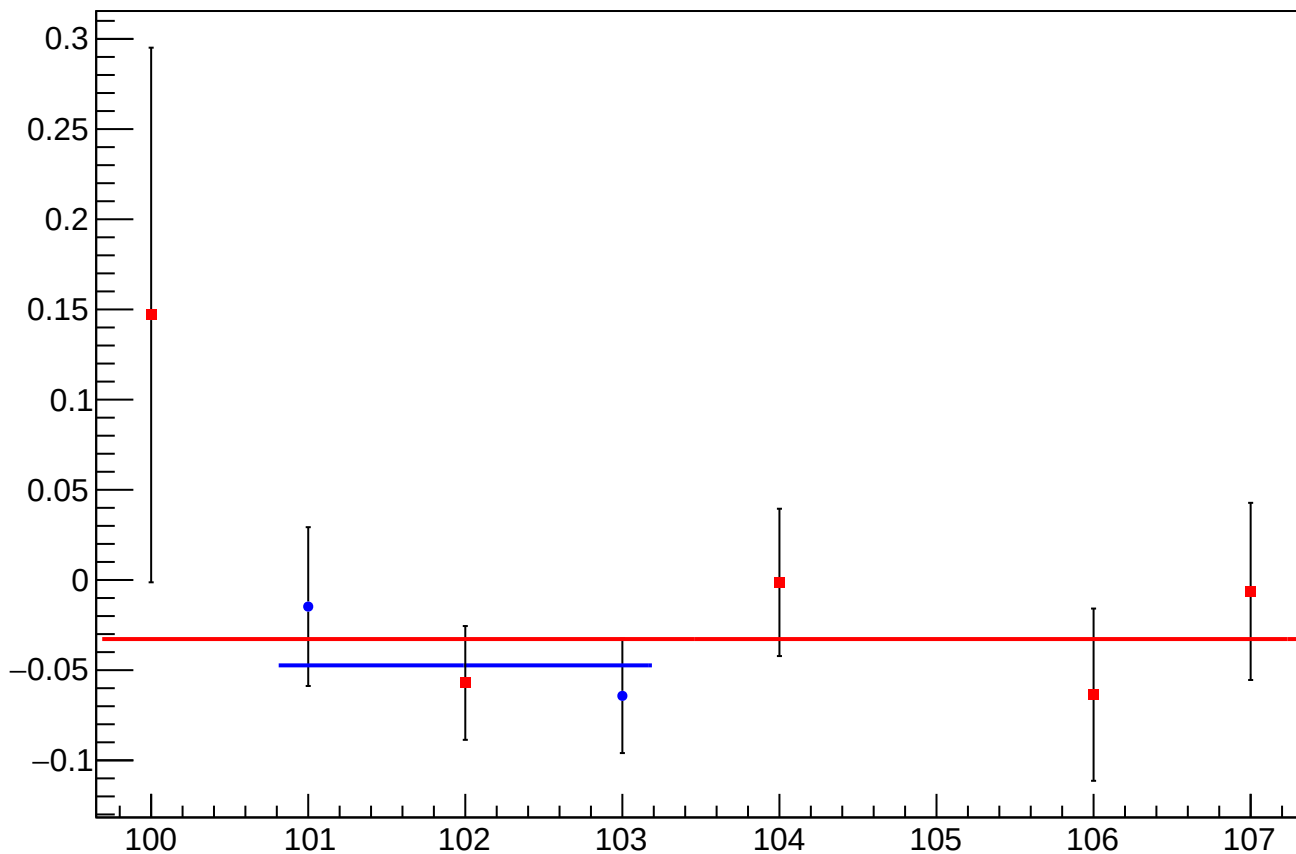
Right: 0.000+/-0.000 χ^2/NDF : 706033.7/6

In: 0.000+/-0.000 χ^2/NDF : 206138.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 706033.7/6

asym_us_dd_overload_cor_vs_slug_sign_corrected



Right In: -0.047 $\pm$ 0.026 χ^2 /NDF: 0.8/1

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

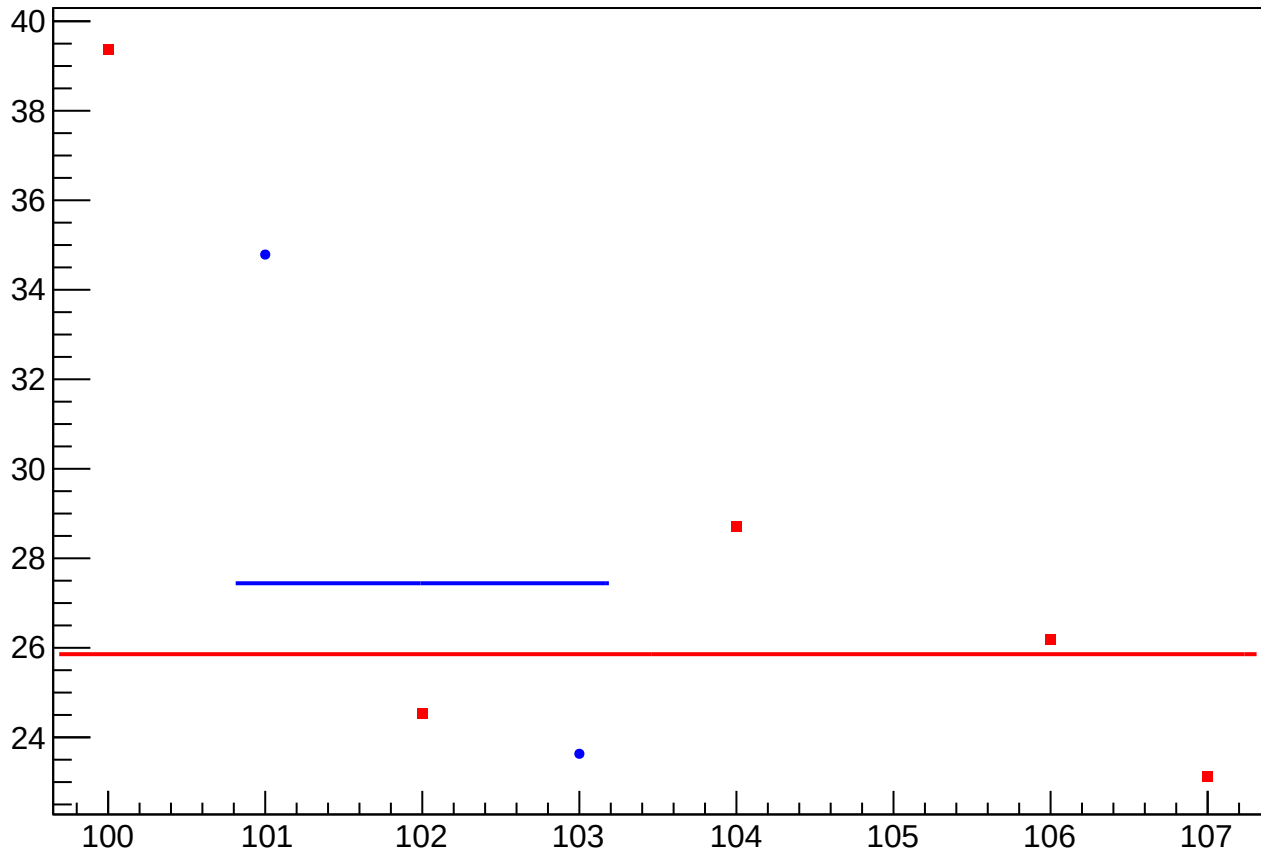
Right: -0.038 $\pm$ 0.016 χ^2 /NDF: 4.4/6

In: -0.047 $\pm$ 0.026 χ^2 /NDF:0.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.038 $\pm$ 0.016 χ^2 /NDF: 4.4/6

asym_us_dd_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.443+/-0.018 χ^2/NDF : 84531.7/1

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

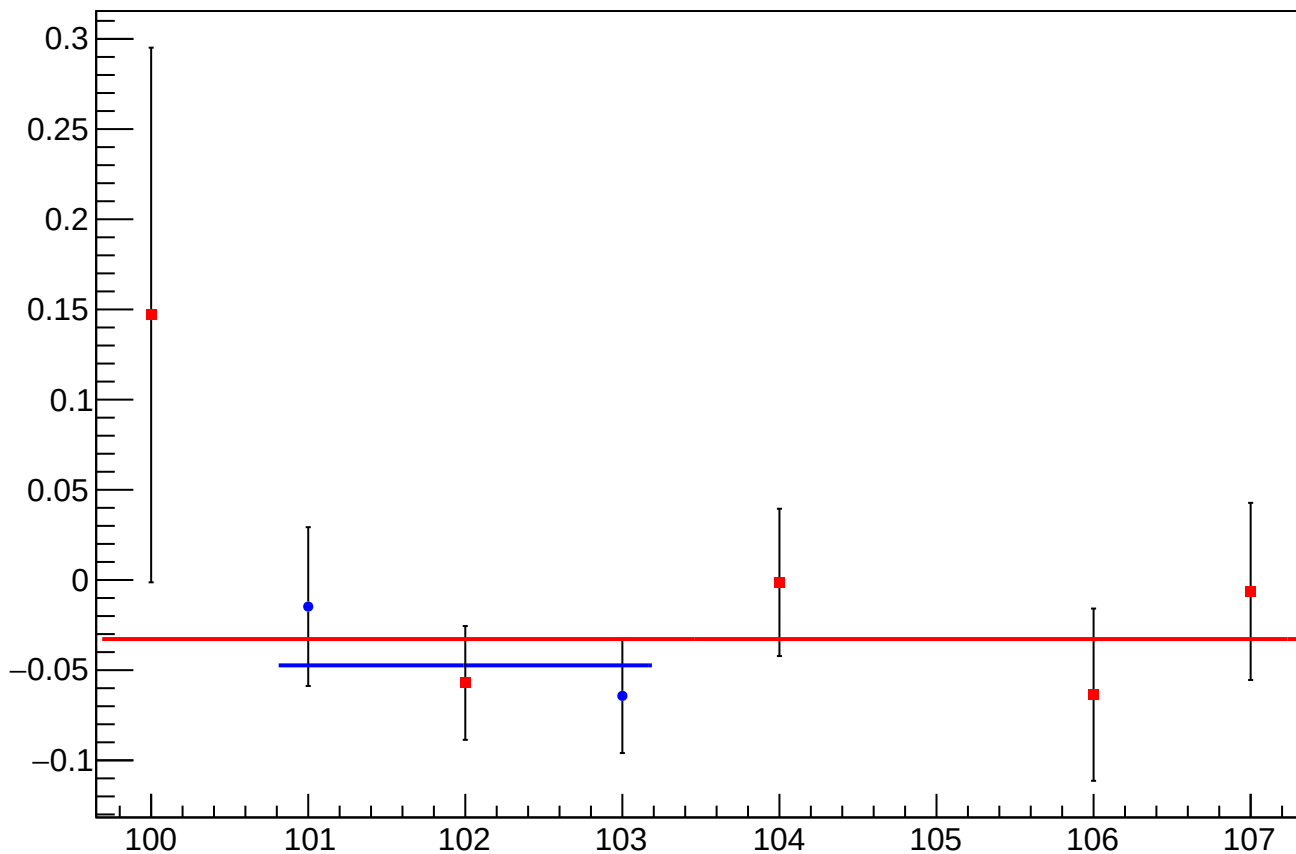
Right: 26.454+/-0.011 χ^2/NDF : 125392.8/6

In: 27.443+/-0.018 χ^2/NDF : 84531.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.454+/-0.011 χ^2/NDF : 125392.8/6

asym_us_dd_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.047 $\pm$ 0.026 χ^2 /NDF: 0.8/1

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

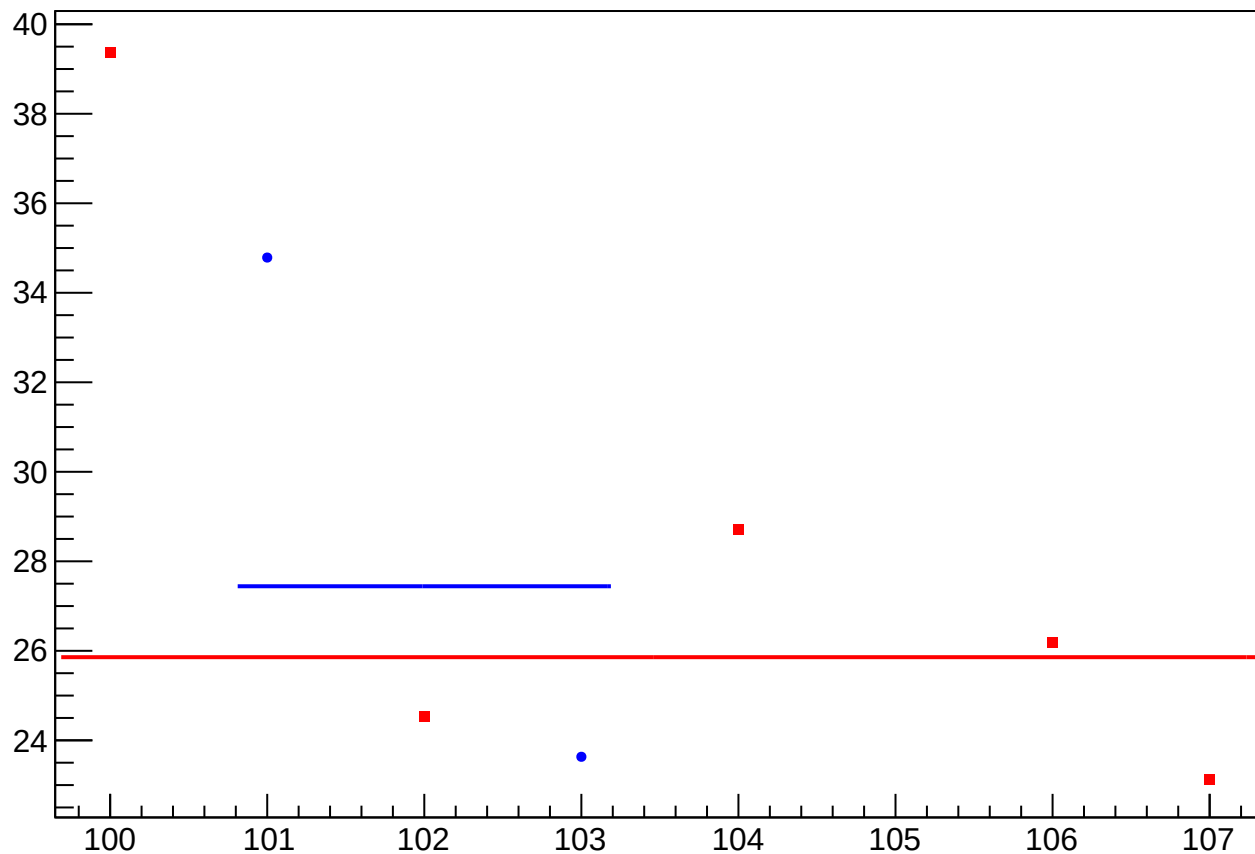
Right: -0.038 $\pm$ 0.016 χ^2 /NDF: 4.4/6

In: -0.047 $\pm$ 0.026 χ^2 /NDF:0.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.038 $\pm$ 0.016 χ^2 /NDF: 4.4/6

asym_us_dd_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.443+/-0.018 χ^2/NDF : 84531.7/1

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

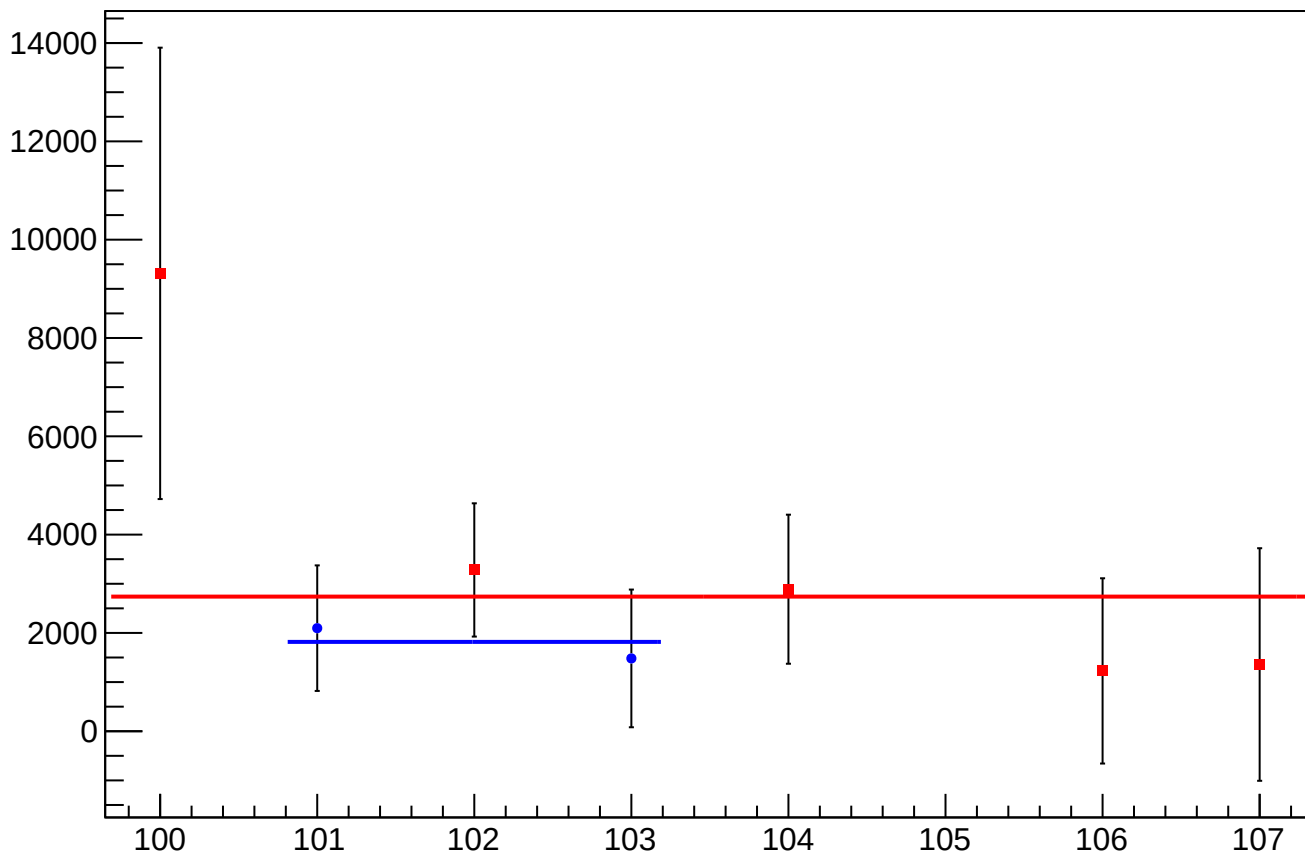
Right: 26.454+/-0.011 χ^2/NDF : 125392.8/6

In: 27.443+/-0.018 χ^2/NDF : 84531.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.454+/-0.011 χ^2/NDF : 125392.8/6

reg_asym_usl_mean vs Slug, Sign Corrected



Right In: 1817.654+/-943.706 χ^2/NDF : 0.1/1

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

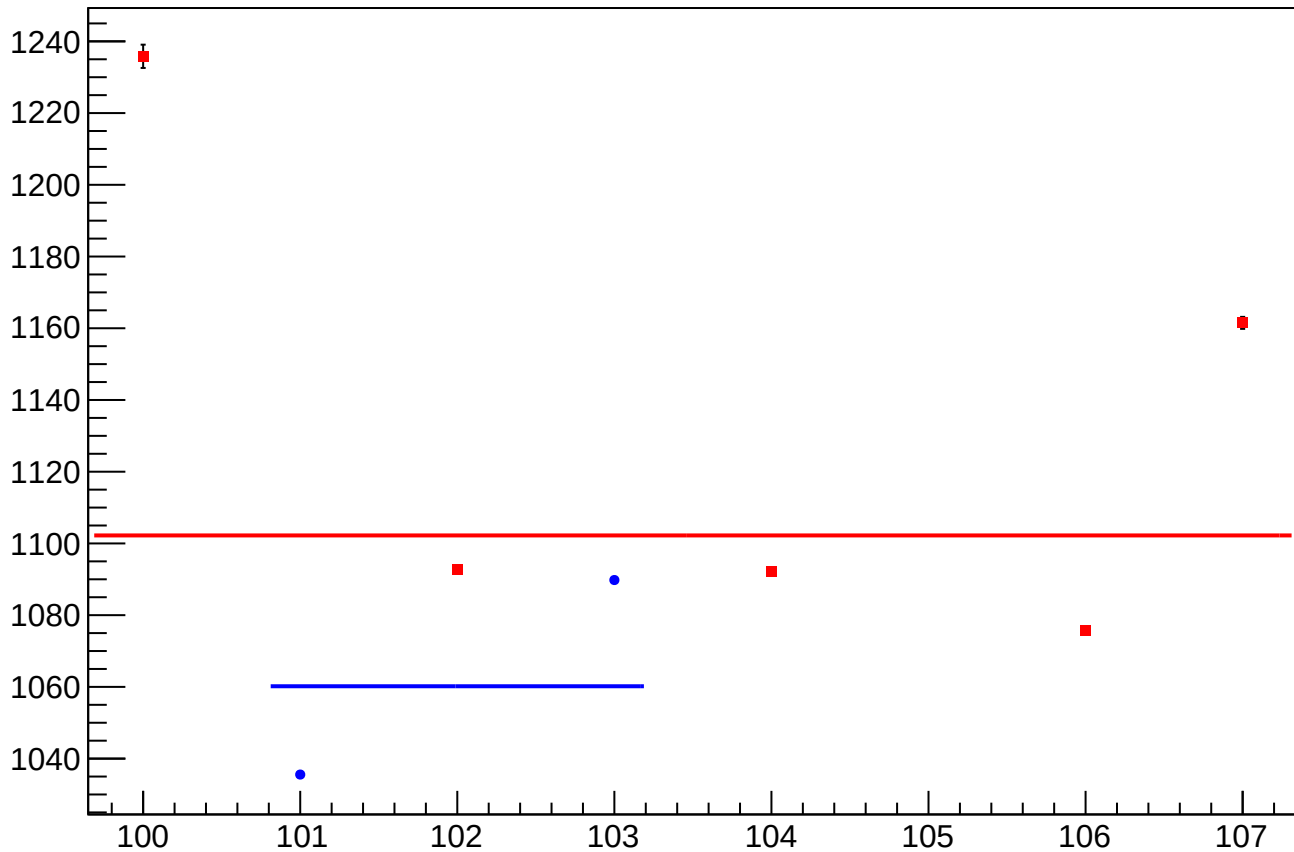
Right: 2342.607+/-618.993 χ^2/NDF : 3.9/6

In: 1817.654+/-943.706 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2342.607+/-618.993 χ^2/NDF : 3.9/6

reg_asym_usl_rms vs Slug, Sign Corrected



Right In: 1060.177+/-0.667 χ^2/NDF : 1637.8/1

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

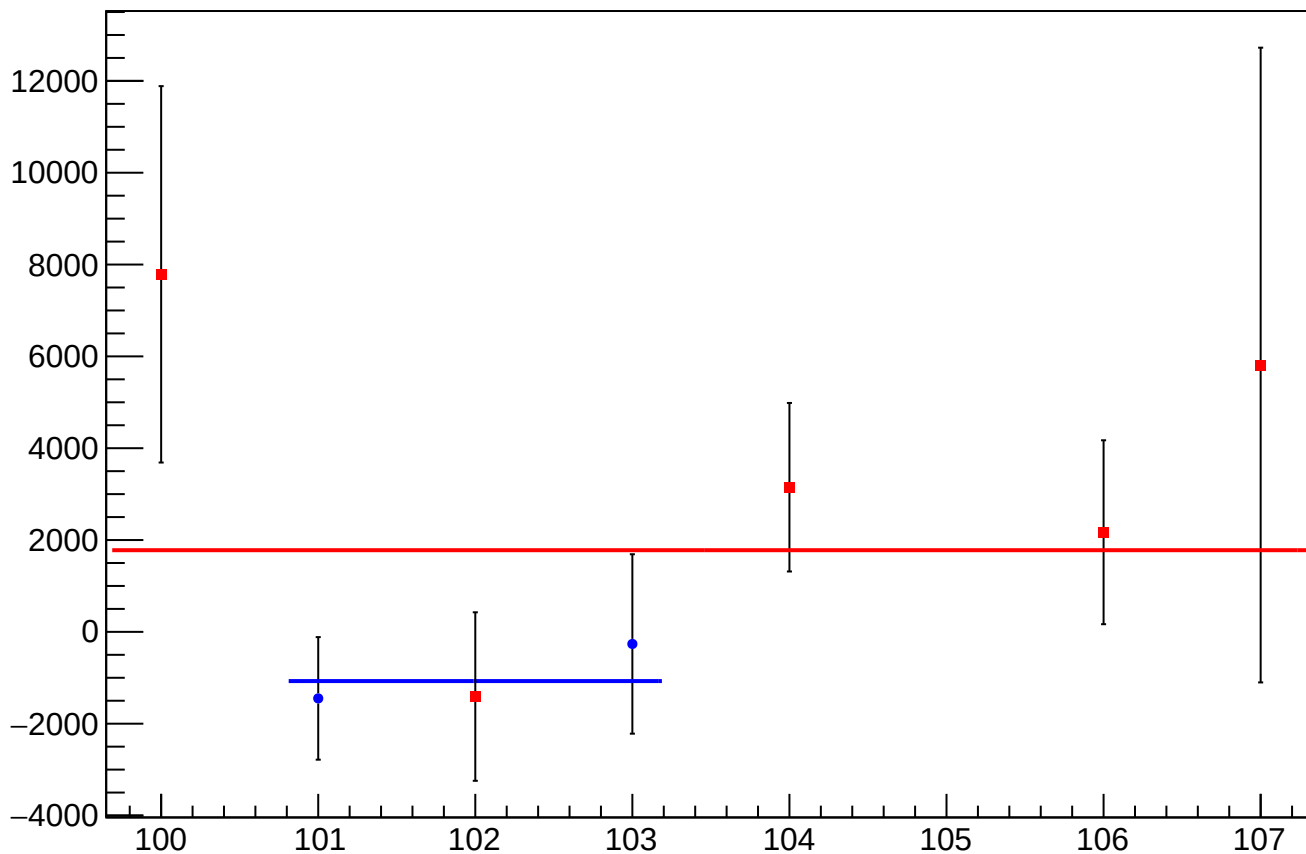
Right: 1084.139+/-0.438 χ^2/NDF : 7428.7/6

In: 1060.177+/-0.667 χ^2/NDF : 1637.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1084.139+/-0.438 χ^2/NDF : 7428.7/6

asym_usl_reg_correction_mean vs Slug, Sign Corrected



Right In: -1071.797 $\pm$ 1102.160 χ^2 /NDF: 0.3/1

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

Right Out: 1778.525 $\pm$ 1040.581 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

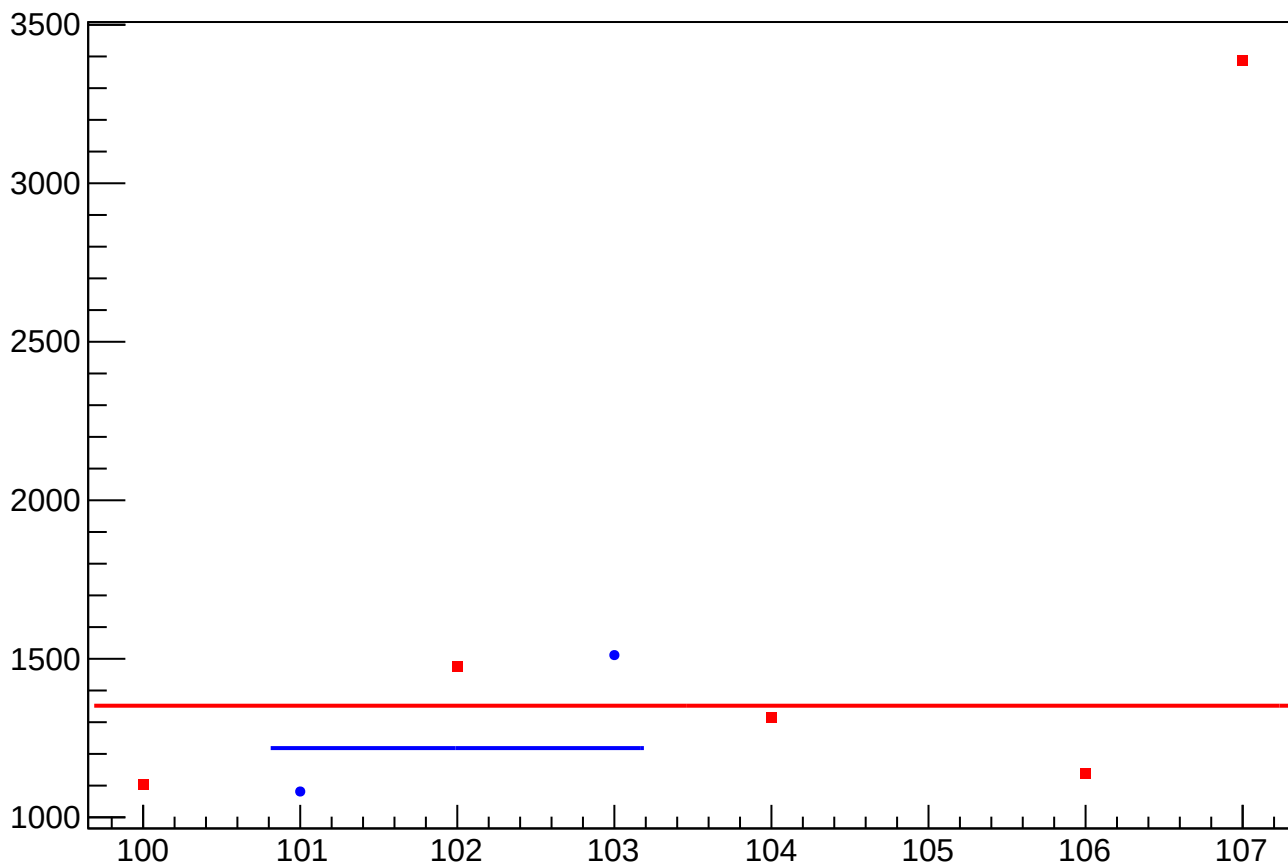
Right: 435.210 $\pm$ 756.635 χ^2 /NDF: 9.9/6

In: -1071.797 $\pm$ 1102.160 χ^2 /NDF: 0.3/1

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

All: 435.210 $\pm$ 756.635 χ^2 /NDF: 9.9/6

asym_usl_reg_correction_rms vs Slug, Sign Corrected



Right In: 1218.327+/-0.779 χ^2/NDF : 66130.2/1

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

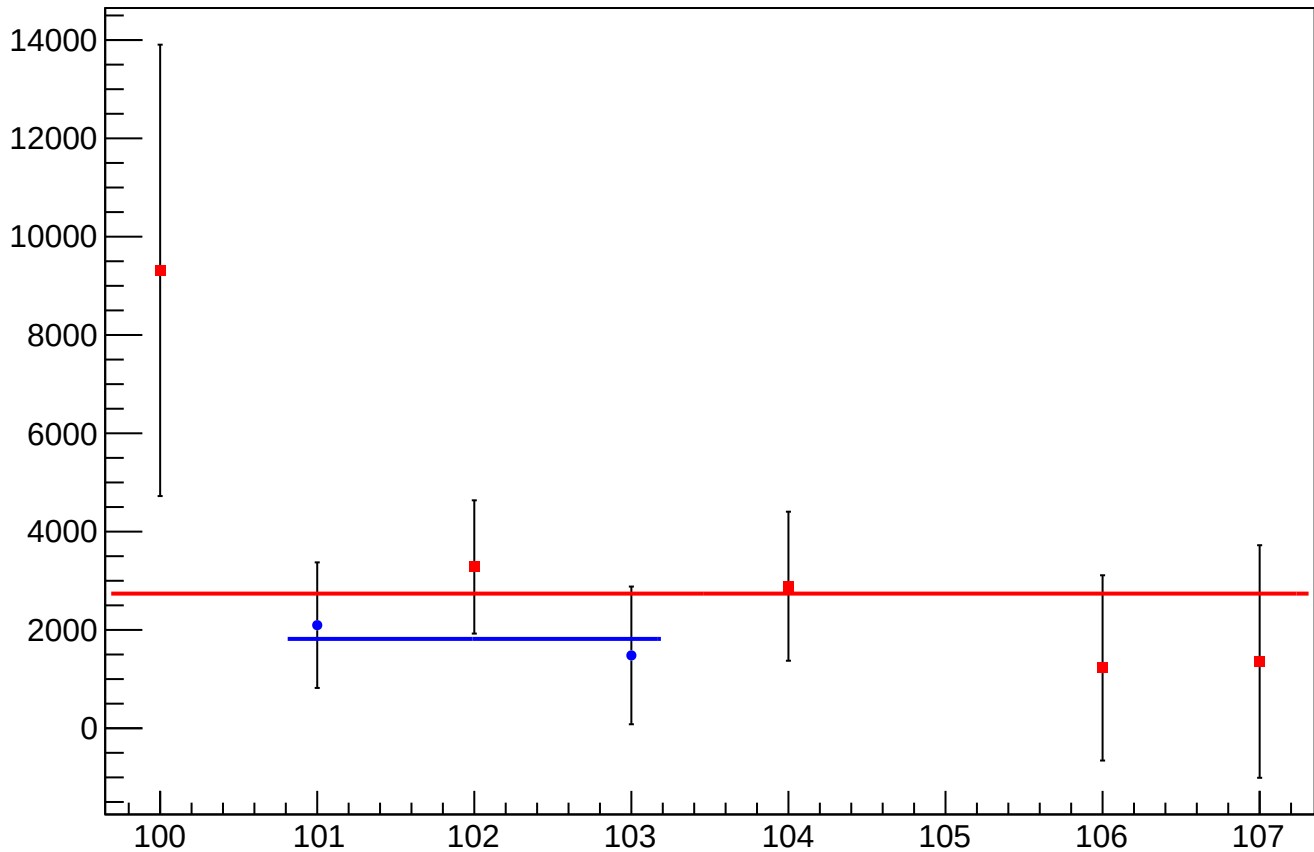
Right: 1289.012+/-0.535 χ^2/NDF : 295165.2/6

In: 1218.327+/-0.779 χ^2/NDF : 66130.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1289.012+/-0.535 χ^2/NDF : 295165.2/6

cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 1817.654 $\pm$ 943.706 χ^2 /NDF: 0.1/1

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

Right Out: 2738.991 $\pm$ 820.040 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

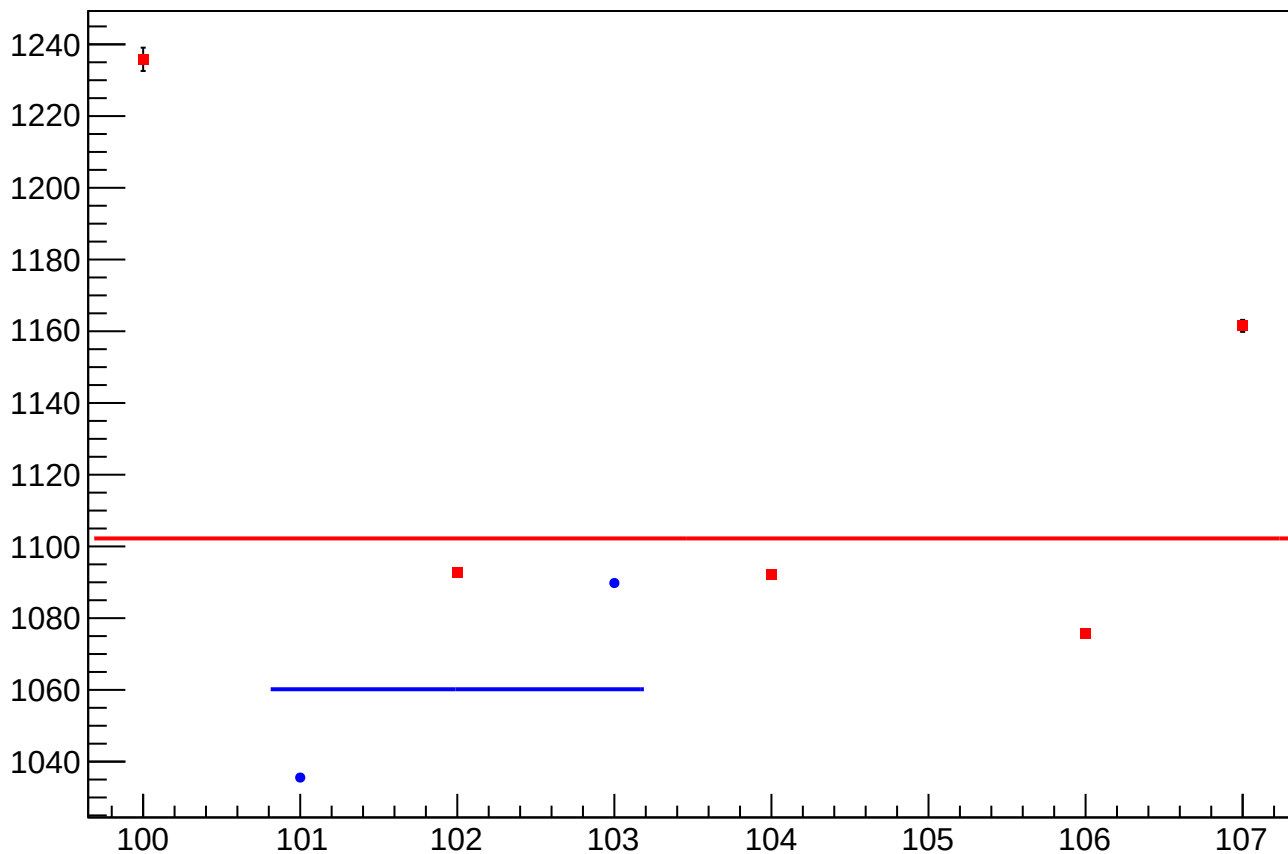
Right: 2342.607 $\pm$ 618.993 χ^2 /NDF: 3.9/6

In: 1817.654 $\pm$ 943.706 χ^2 /NDF: 0.1/1

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

All: 2342.607 $\pm$ 618.993 χ^2 /NDF: 3.9/6

cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1060.177+/-0.667 χ^2/NDF : 1637.8/1

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

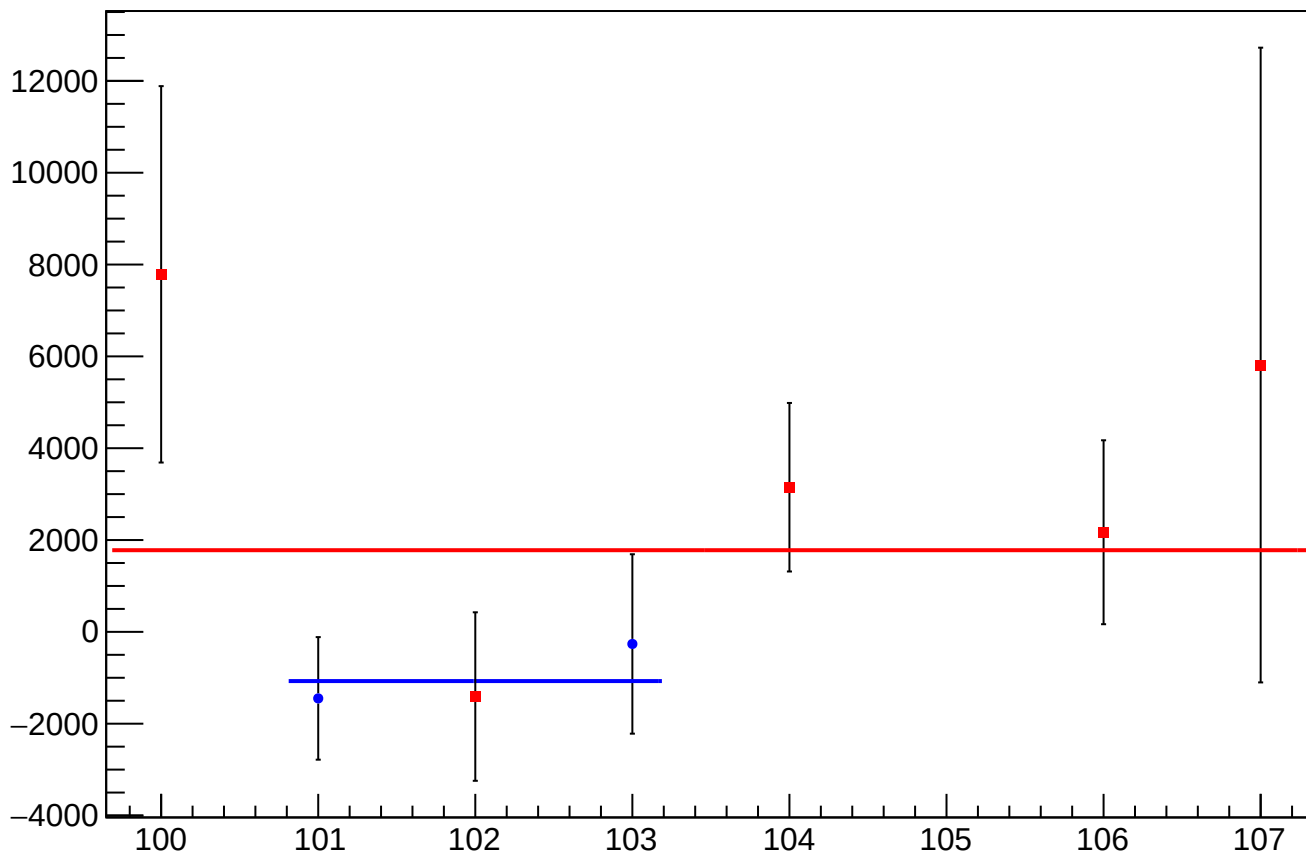
Right: 1084.139+/-0.438 χ^2/NDF : 7428.7/6

In: 1060.177+/-0.667 χ^2/NDF : 1637.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1084.139+/-0.438 χ^2/NDF : 7428.7/6

asym_usl_cor_correction_mean vs Slug, Sign Corrected



Right In: -1071.797 $\pm$ 1102.160 χ^2 /NDF: 0.3/1

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

Right Out: 1778.525 $\pm$ 1040.581 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

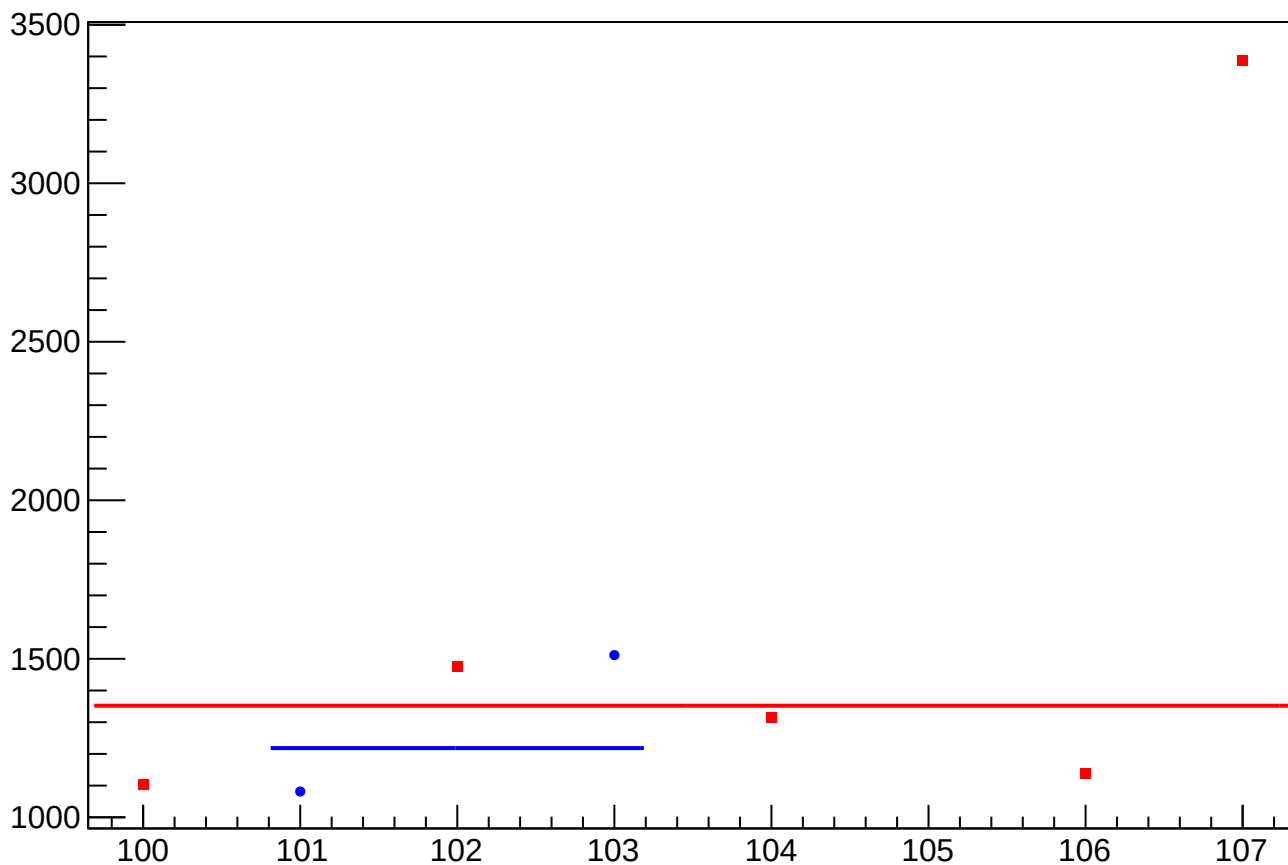
Right: 435.210 $\pm$ 756.635 χ^2 /NDF: 9.9/6

In: -1071.797 $\pm$ 1102.160 χ^2 /NDF: 0.3/1

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

All: 435.210 $\pm$ 756.635 χ^2 /NDF: 9.9/6

asym_usl_cor_correction_rms vs Slug, Sign Corrected



Right In: 1218.327+/-0.779 χ^2/NDF : 66130.2/1

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

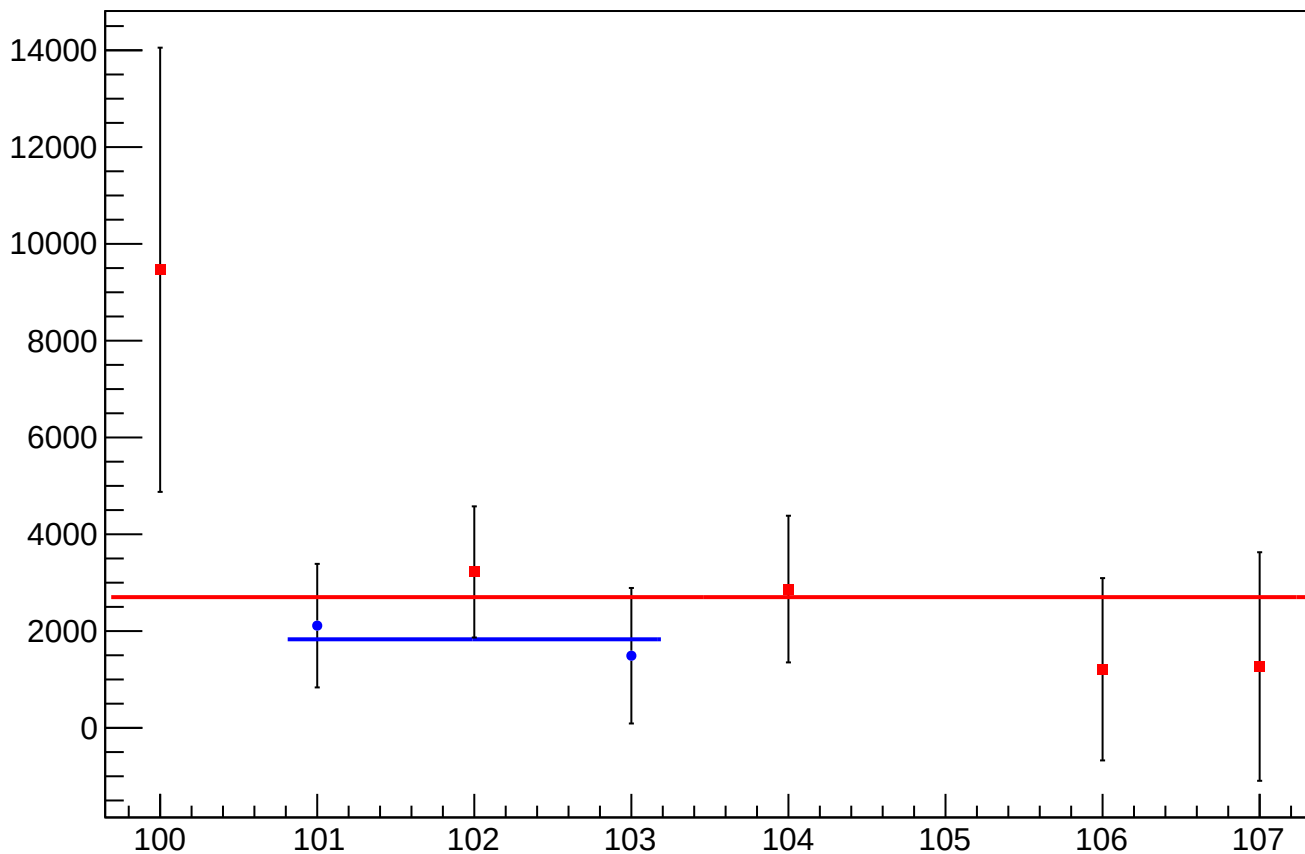
Right: 1289.012+/-0.535 χ^2/NDF : 295165.2/6

In: 1218.327+/-0.779 χ^2/NDF : 66130.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1289.012+/-0.535 χ^2/NDF : 295165.2/6

overload_cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 1830.072+/-943.228 χ^2/NDF : 0.1/1

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

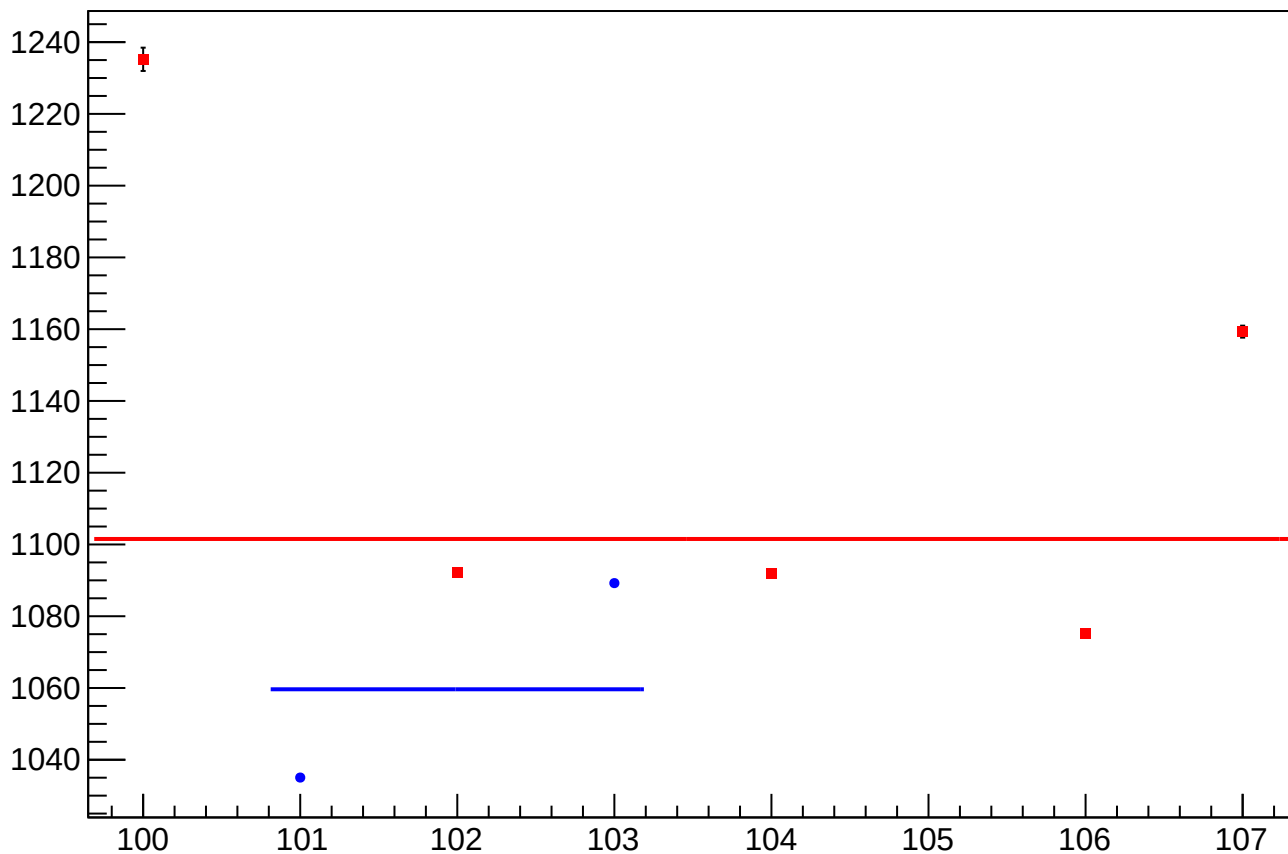
Right: 2326.613+/-618.631 χ^2/NDF : 3.9/6

In: 1830.072+/-943.228 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2326.613+/-618.631 χ^2/NDF : 3.9/6

overload_cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1059.640+/-0.667 χ^2/NDF : 1636.4/1

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

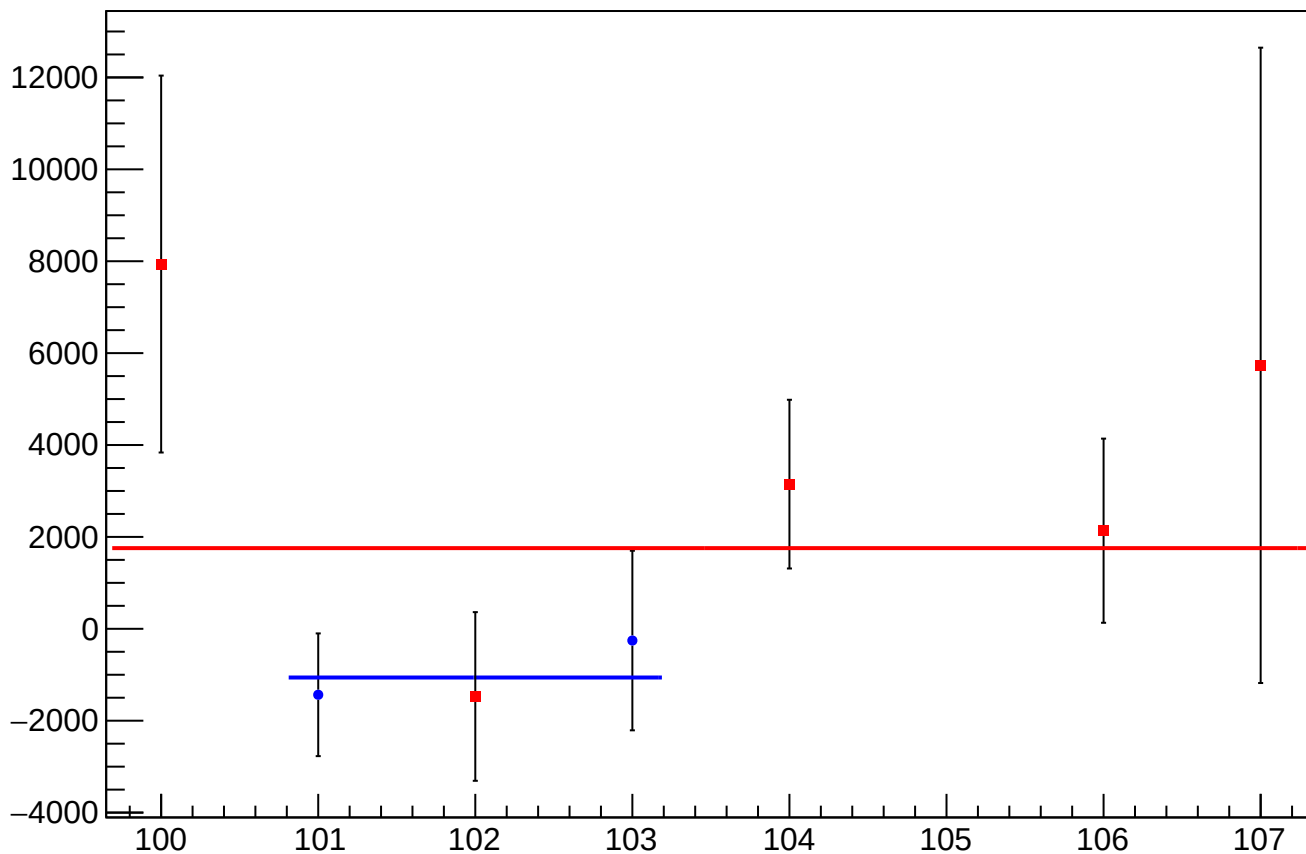
Right: 1083.511+/-0.437 χ^2/NDF : 7347.1/6

In: 1059.640+/-0.667 χ^2/NDF : 1636.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1083.511+/-0.437 χ^2/NDF : 7347.1/6

asym_usl_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: -1060.003+/-1102.595 χ^2/NDF : 0.2/1

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

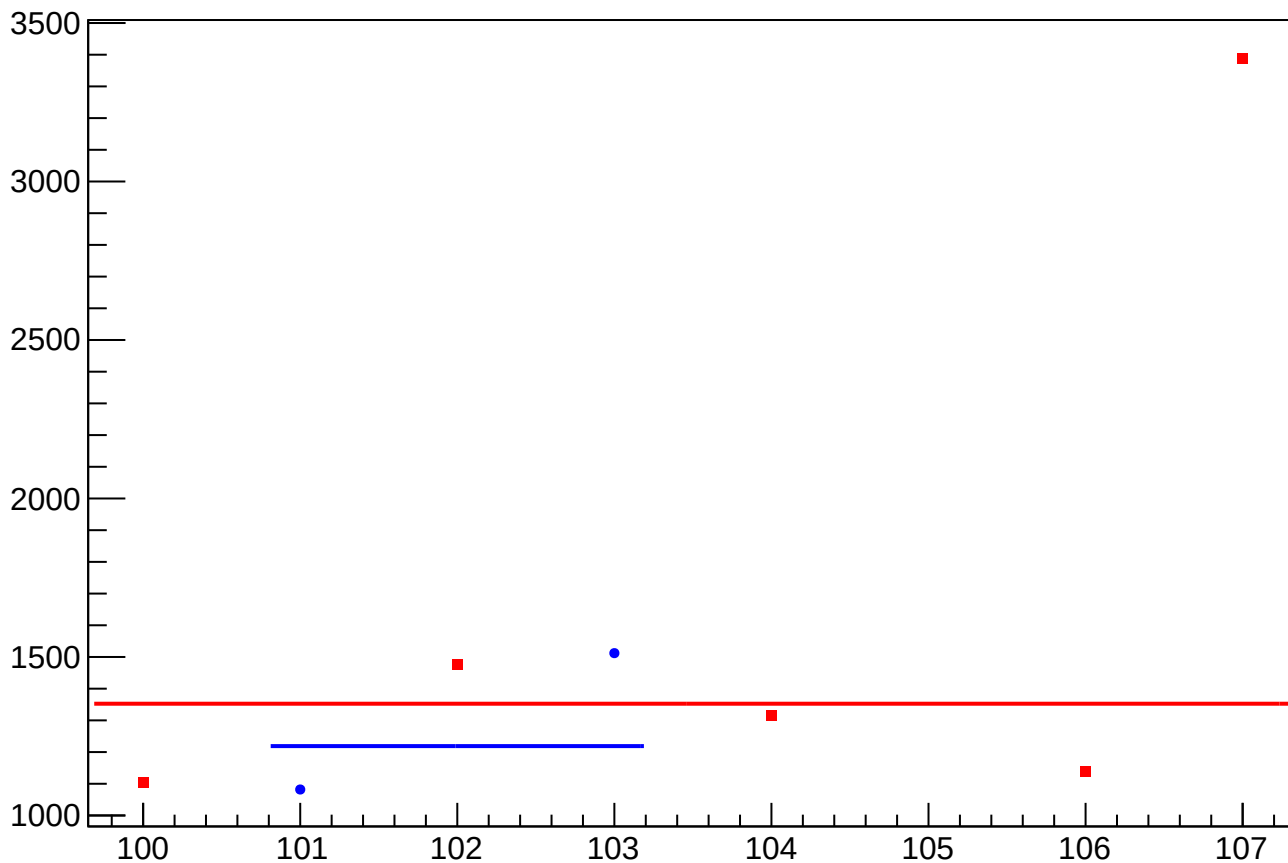
Right: 428.824+/-756.920 χ^2/NDF : 10.0/6

In: -1060.003+/-1102.595 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 428.824+/-756.920 χ^2/NDF : 10.0/6

asym_usl_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 1218.827 $\pm$ 0.780 χ^2 /NDF: 66054.2/1

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

Right Out: 1352.534 $\pm$ 0.736 χ^2 /NDF: 213373.5/4

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

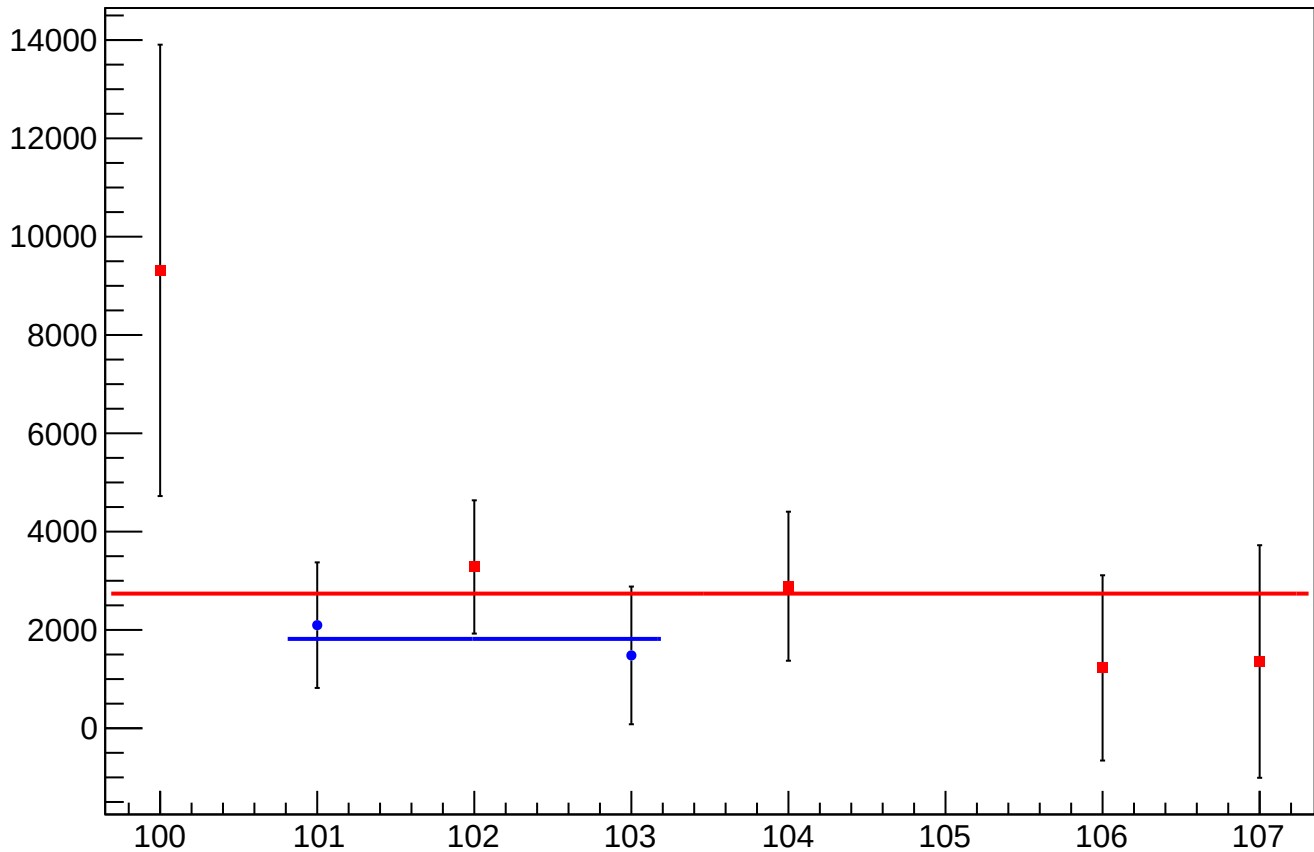
Right: 1289.523 $\pm$ 0.535 χ^2 /NDF: 294978.0/6

In: 1218.827 $\pm$ 0.780 χ^2 /NDF: 66054.2/1

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

All: 1289.523 $\pm$ 0.535 χ^2 /NDF: 294978.0/6

eigen_cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 1817.654+/-943.706 χ^2/NDF : 0.1/1

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

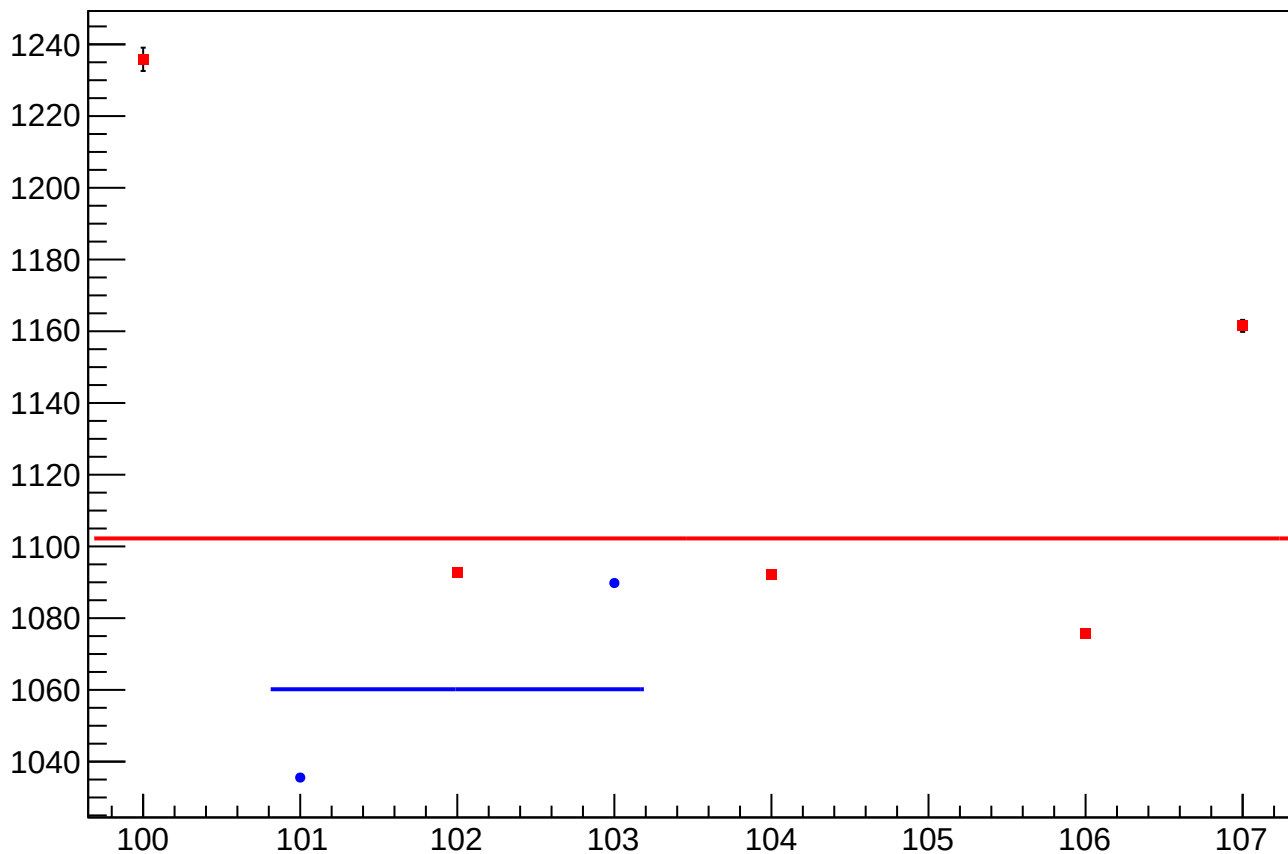
Right: 2342.607+/-618.993 χ^2/NDF : 3.9/6

In: 1817.654+/-943.706 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2342.607+/-618.993 χ^2/NDF : 3.9/6

eigen_cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1060.177+/-0.667 χ^2/NDF : 1637.8/1

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

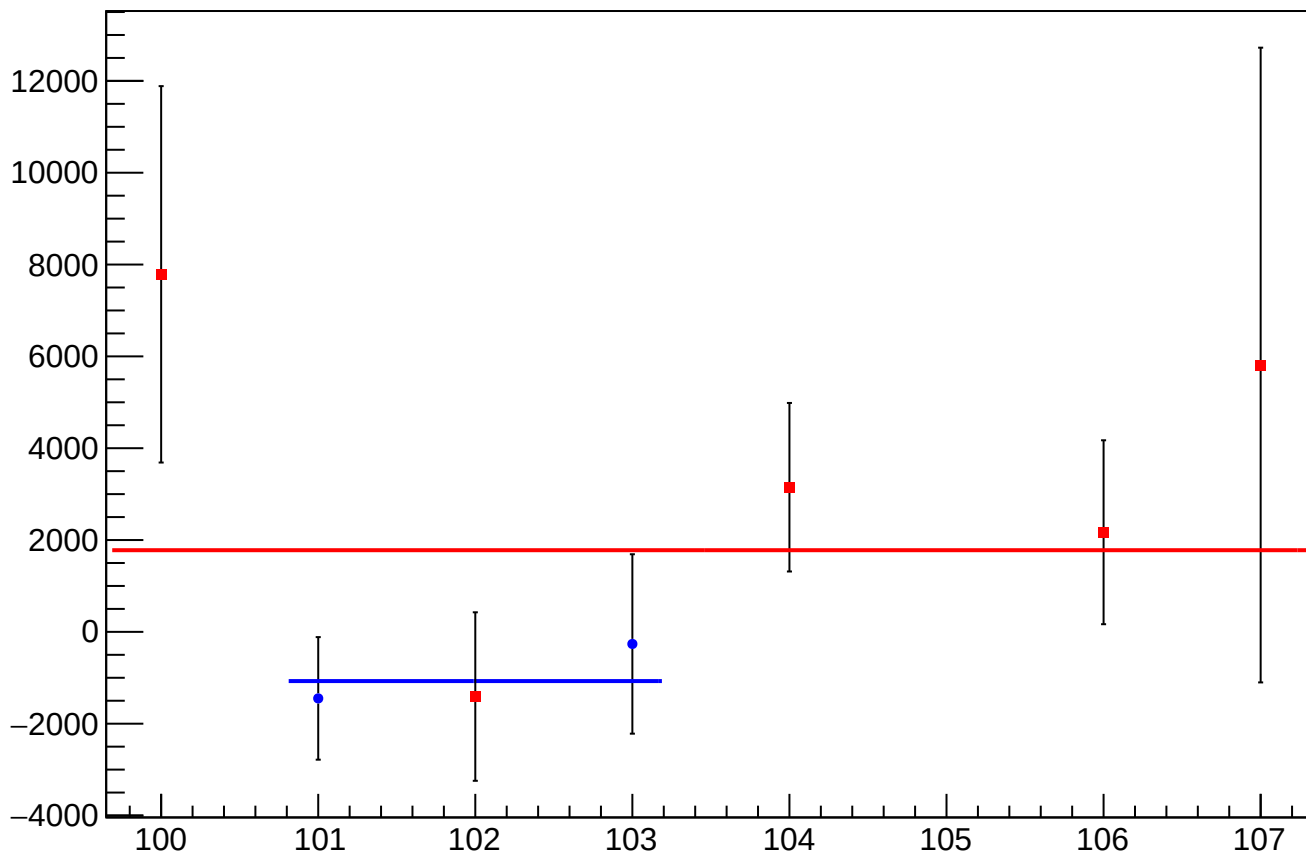
Right: 1084.139+/-0.438 χ^2/NDF : 7428.7/6

In: 1060.177+/-0.667 χ^2/NDF : 1637.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1084.139+/-0.438 χ^2/NDF : 7428.7/6

asym_usl_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1071.797+/-1102.160 χ^2/NDF : 0.3/1

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

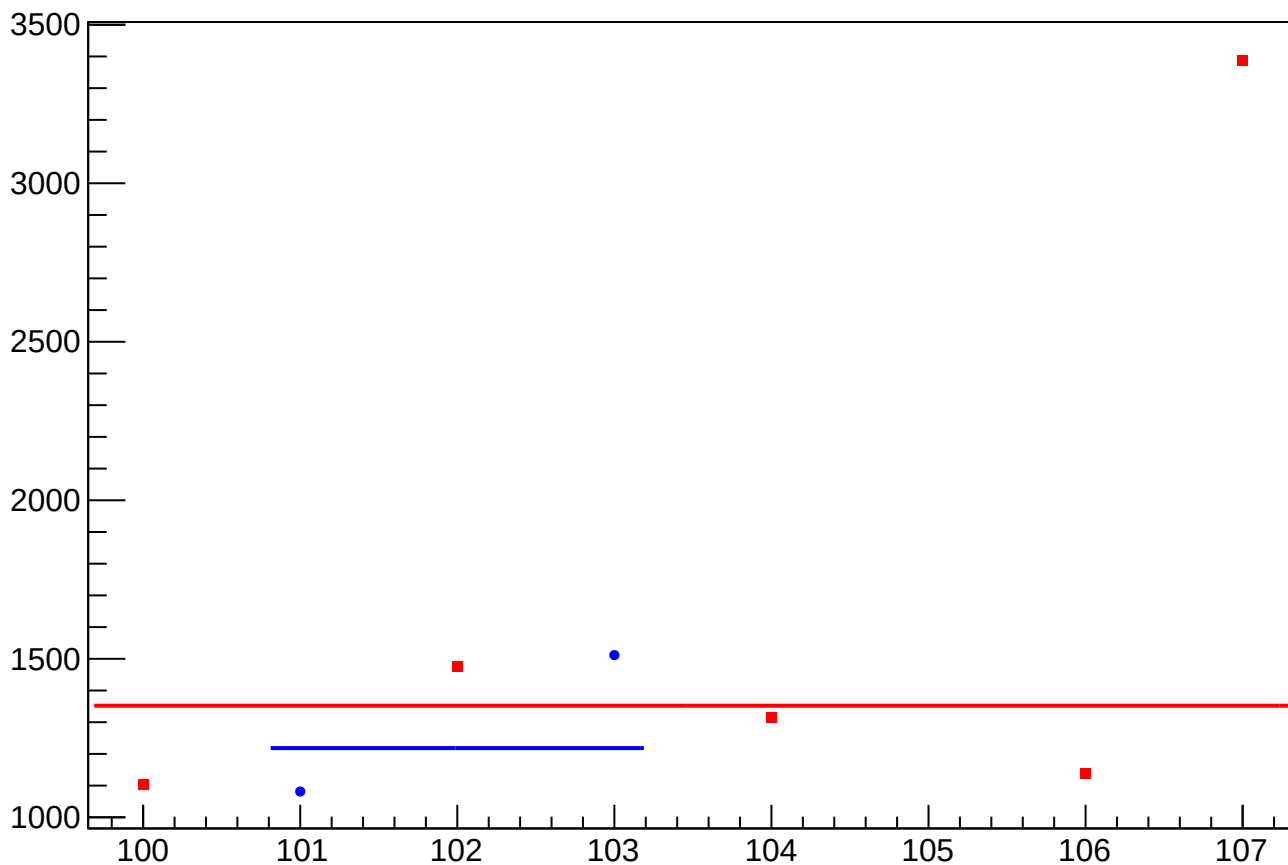
Right: 435.210+/-756.635 χ^2/NDF : 9.9/6

In: -1071.797+/-1102.160 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 435.210+/-756.635 χ^2/NDF : 9.9/6

asym_usl_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1218.327+/-0.779 χ^2/NDF : 66130.2/1

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

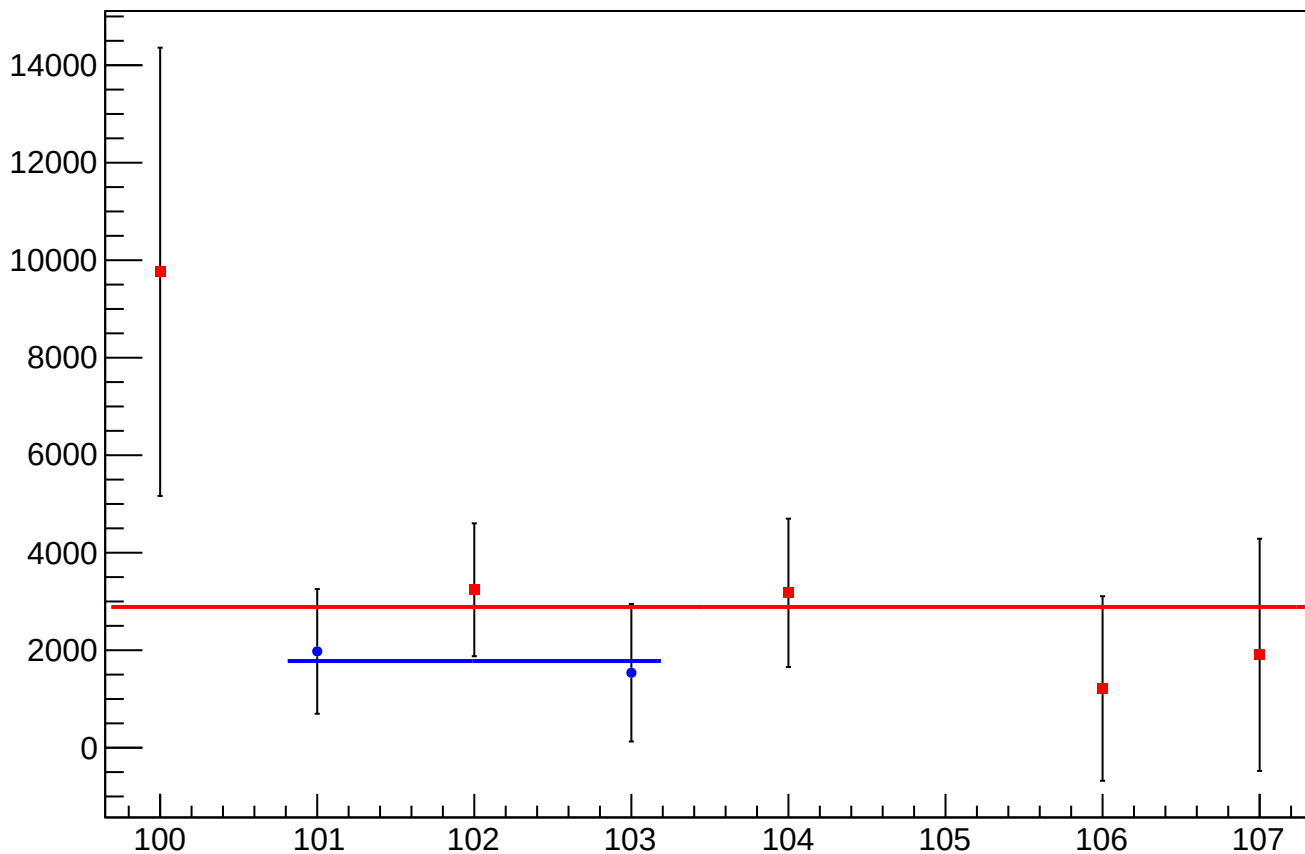
Right: 1289.012+/-0.535 χ^2/NDF : 295165.2/6

In: 1218.327+/-0.779 χ^2/NDF : 66130.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1289.012+/-0.535 χ^2/NDF : 295165.2/6

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1778.372 $\pm$ 947.585 χ^2 /NDF: 0.1/1

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

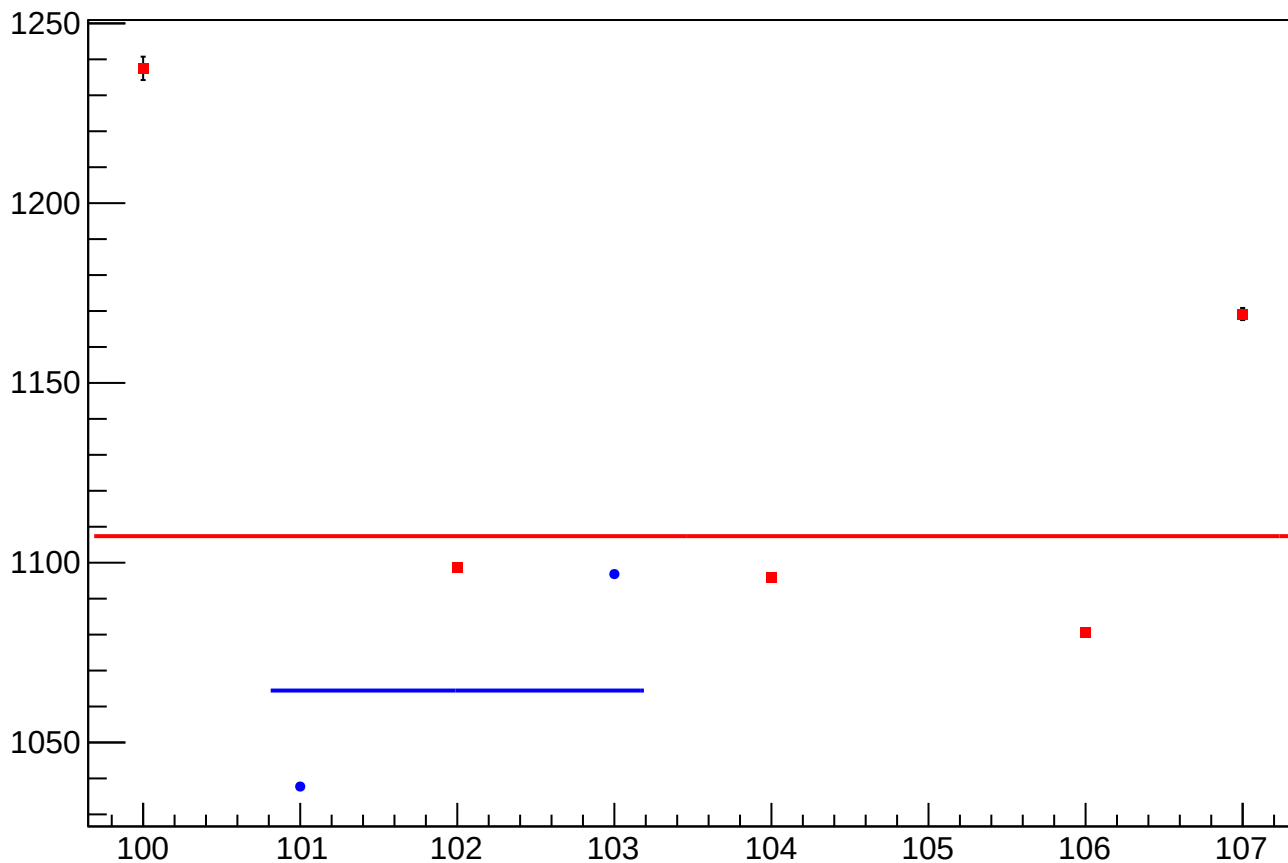
Right: 2410.083 $\pm$ 621.741 χ^2 /NDF: 4.1/6

In: 1778.372 $\pm$ 947.585 χ^2 /NDF:0.1/1

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

All: 2410.083 $\pm$ 621.741 χ^2 /NDF: 4.1/6

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1064.441 $\pm$ 0.670 χ^2 /NDF: 1926.5/1

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

Right Out: 1107.383 $\pm$ 0.583 χ^2 /NDF: 3543.5/4

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

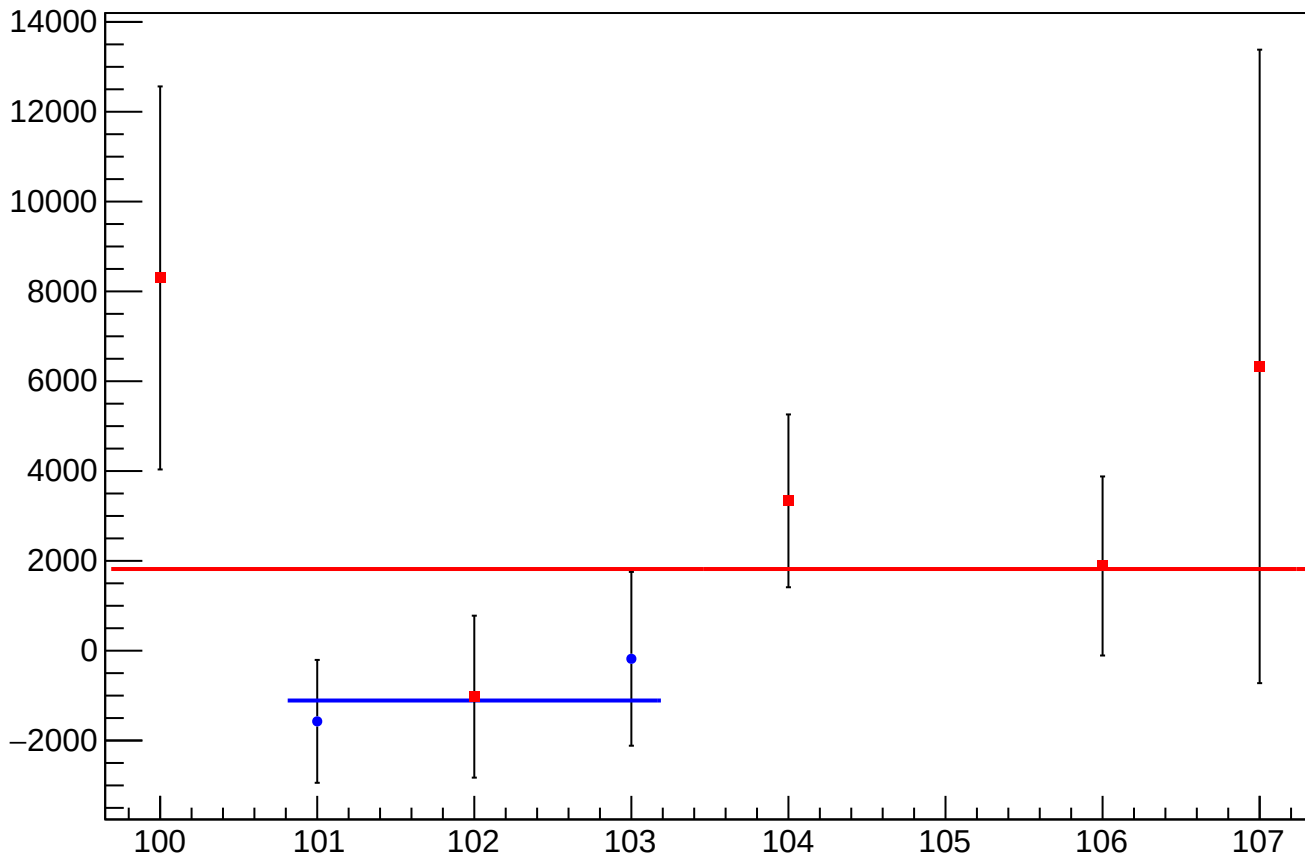
Right: 1088.896 $\pm$ 0.440 χ^2 /NDF: 7809.1/6

In: 1064.441 $\pm$ 0.670 χ^2 /NDF: 1926.5/1

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

All: 1088.896 $\pm$ 0.440 χ^2 /NDF: 7809.1/6

asym_usl_dit_correction_mean vs Slug, Sign Corrected



Right In: -1109.431+/-1117.017 χ^2/NDF : 0.3/1

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

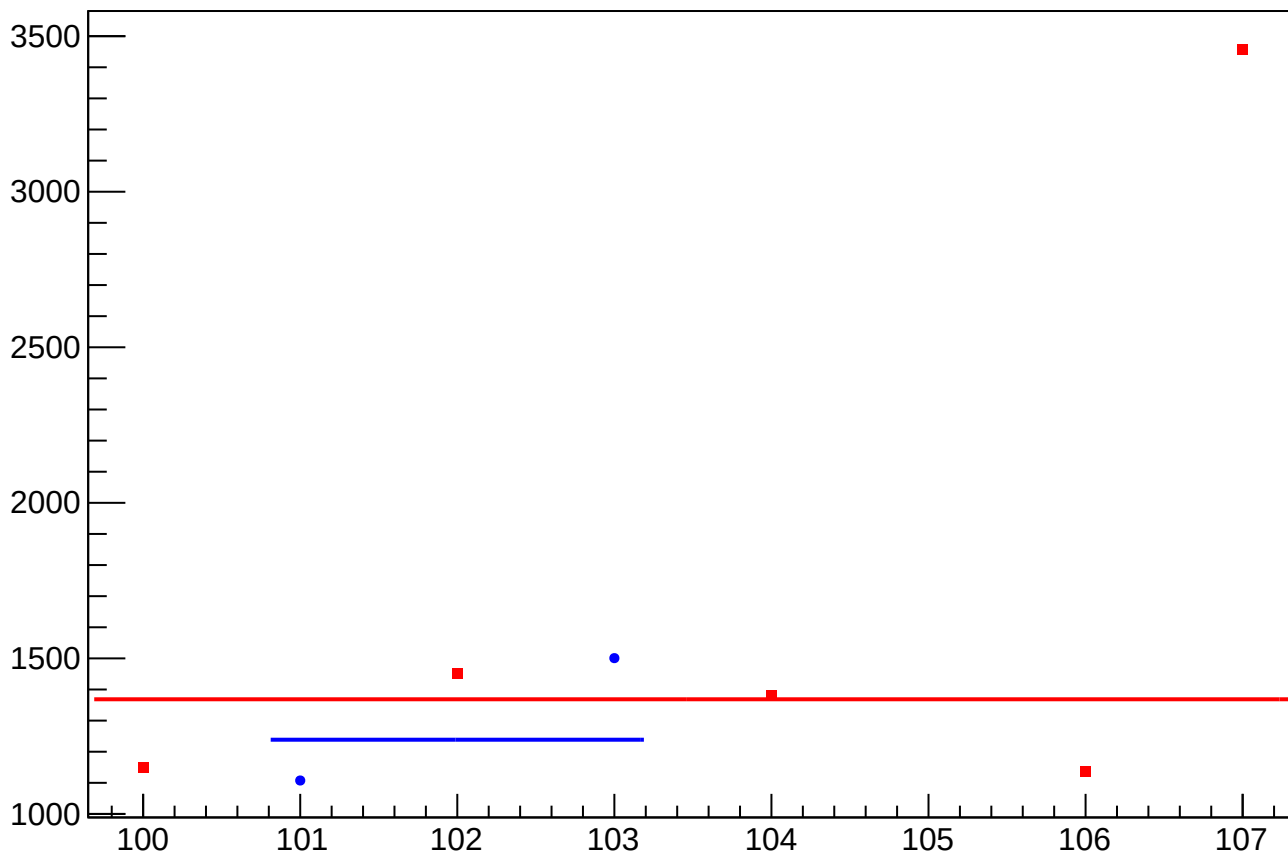
Right: 442.922+/-765.645 χ^2/NDF : 9.8/6

In: -1109.431+/-1117.017 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 442.922+/-765.645 χ^2/NDF : 9.8/6

asym_usl_dit_correction_rms vs Slug, Sign Corrected



Right In: 1238.589+/-0.790 χ^2/NDF : 55102.7/1

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

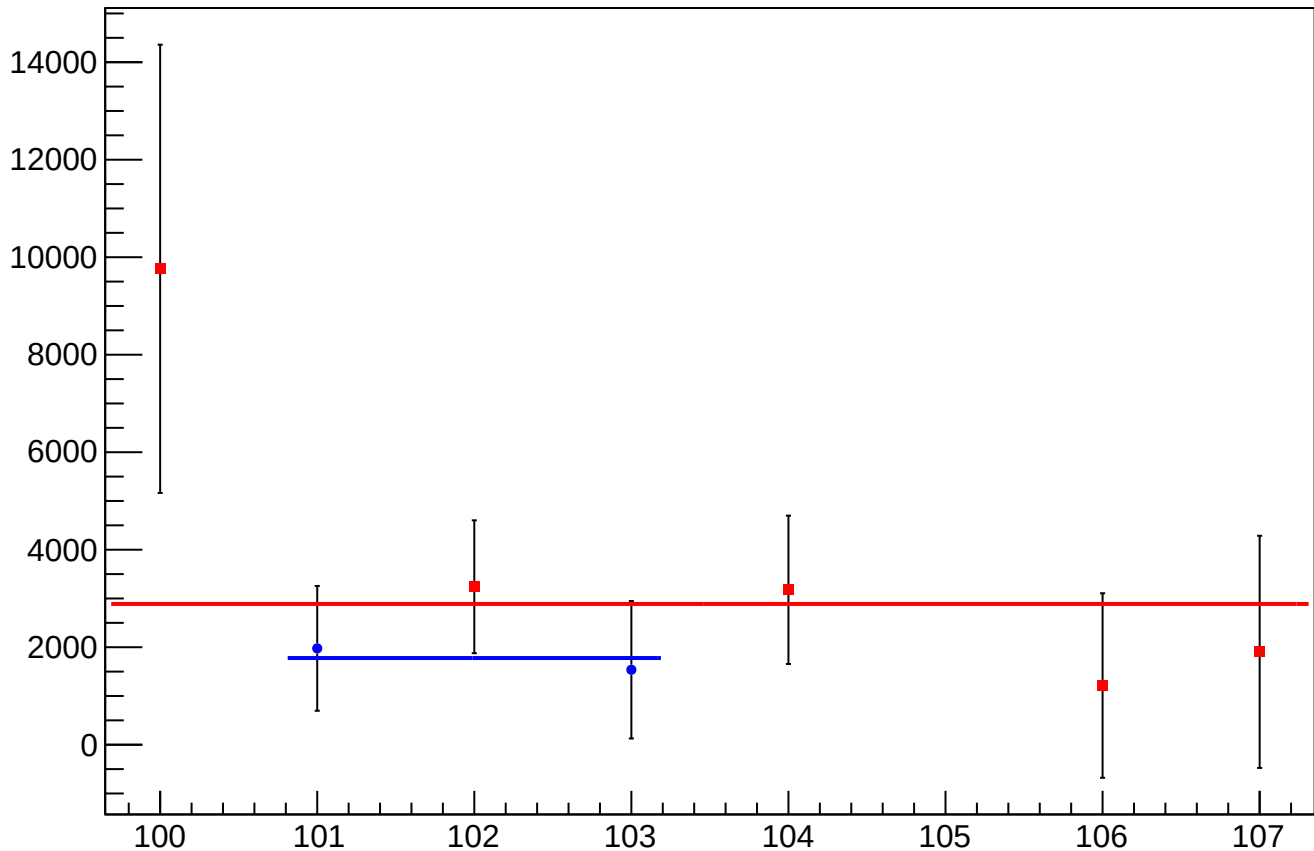
Right: 1307.497+/-0.541 χ^2/NDF : 281670.7/6

In: 1238.589+/-0.790 χ^2/NDF : 55102.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1307.497+/-0.541 χ^2/NDF : 281670.7/6

eigen_dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1778.374+/-947.586 χ^2/NDF : 0.1/1

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

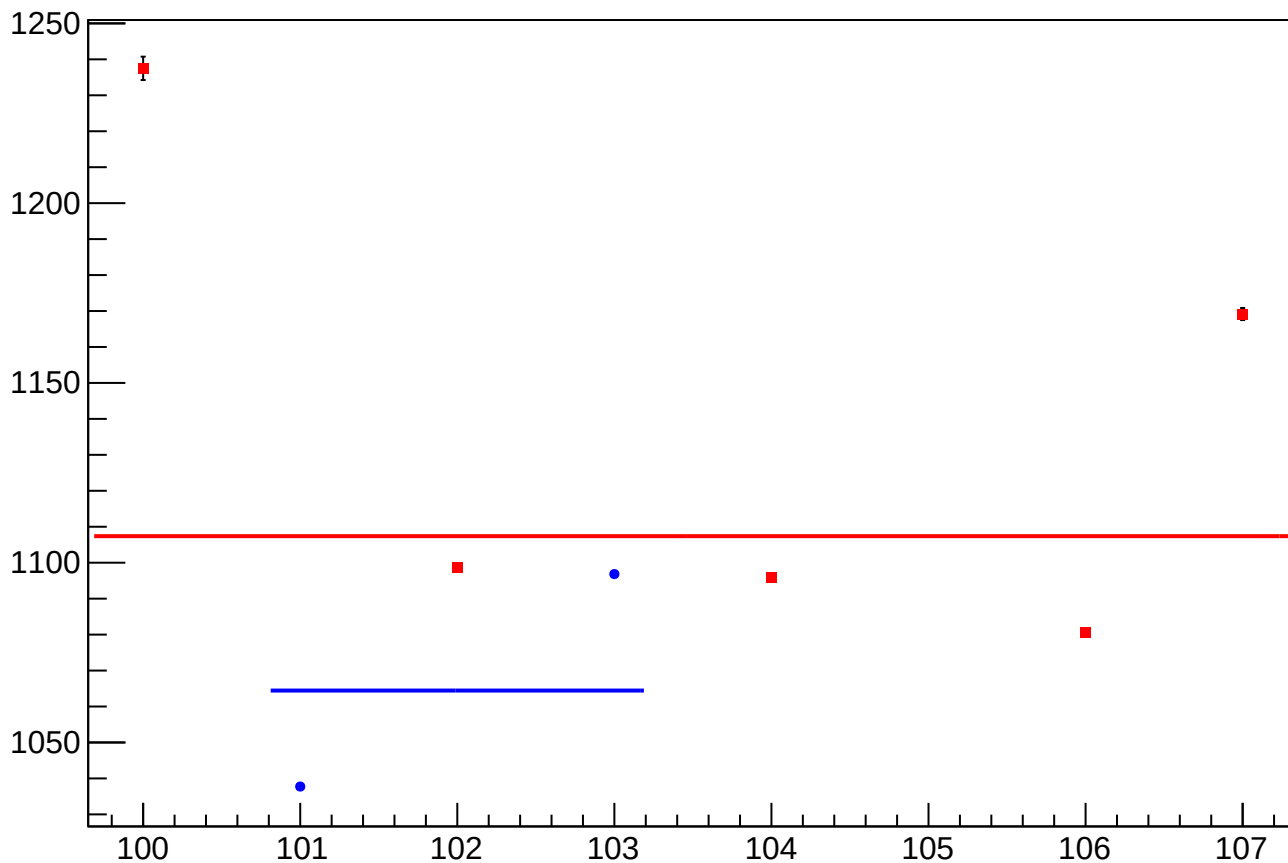
Right: 2410.080+/-621.741 χ^2/NDF : 4.1/6

In: 1778.374+/-947.586 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2410.080+/-621.741 χ^2/NDF : 4.1/6

eigen_dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1064.441 $\pm$ 0.670 χ^2 /NDF: 1926.5/1

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

Right Out: 1107.383 $\pm$ 0.583 χ^2 /NDF: 3543.4/4

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

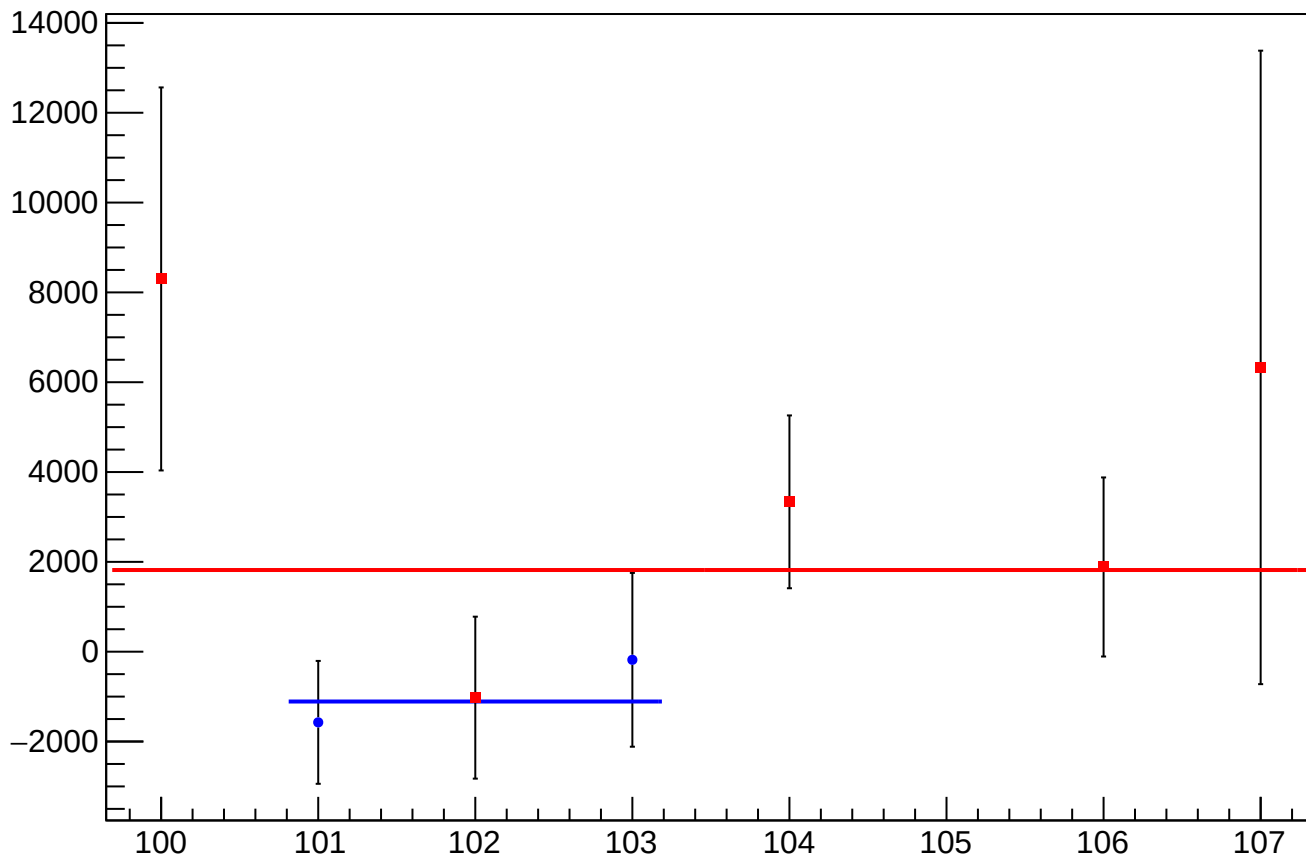
Right: 1088.896 $\pm$ 0.440 χ^2 /NDF: 7809.0/6

In: 1064.441 $\pm$ 0.670 χ^2 /NDF:1926.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1088.896 $\pm$ 0.440 χ^2 /NDF: 7809.0/6

asym_usl_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1109.429+/-1117.015 χ^2/NDF : 0.3/1

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

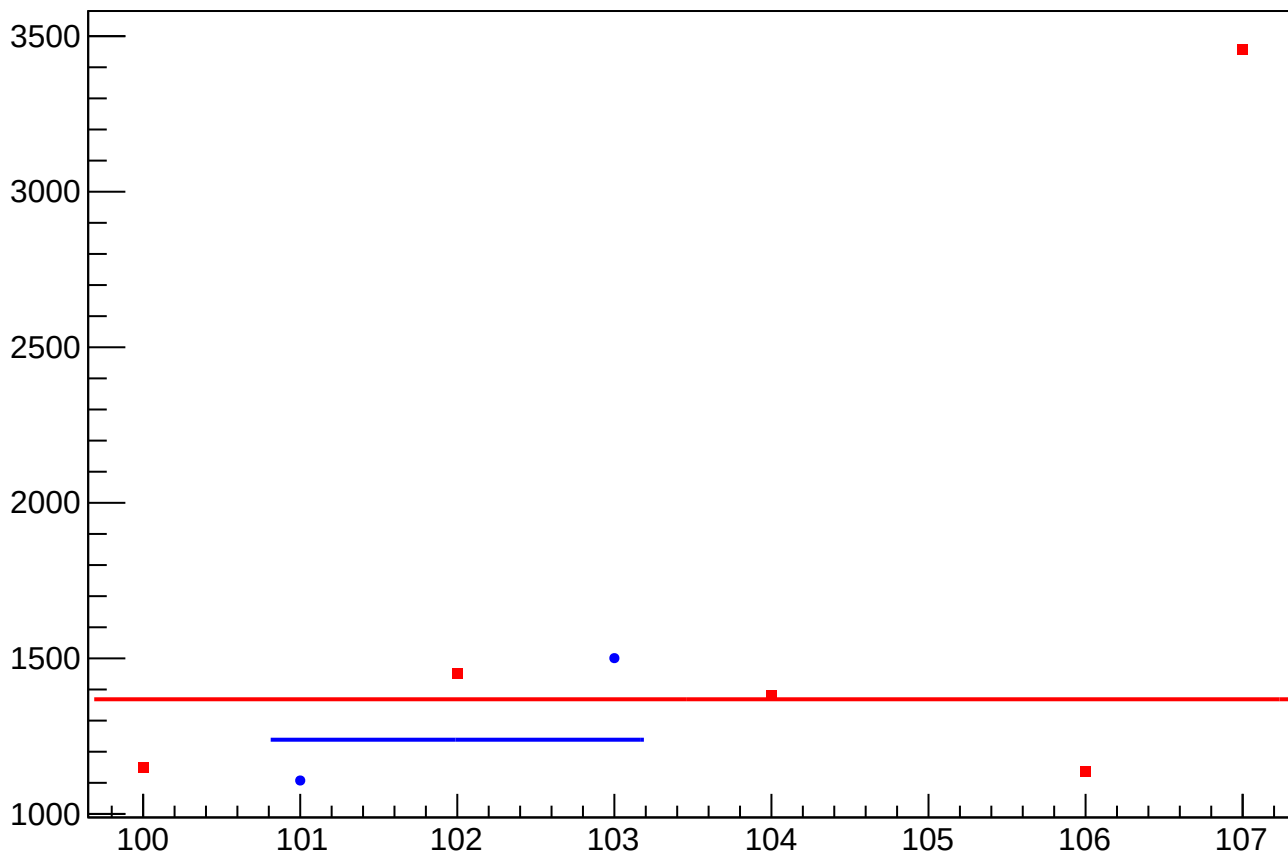
Right: 442.921+/-765.643 χ^2/NDF : 9.8/6

In: -1109.429+/-1117.015 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 442.921+/-765.643 χ^2/NDF : 9.8/6

asym_usl_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1238.587+/-0.790 χ^2/NDF : 55102.4/1

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

Right Out: 1368.559+/-0.744 χ^2/NDF : 212210.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

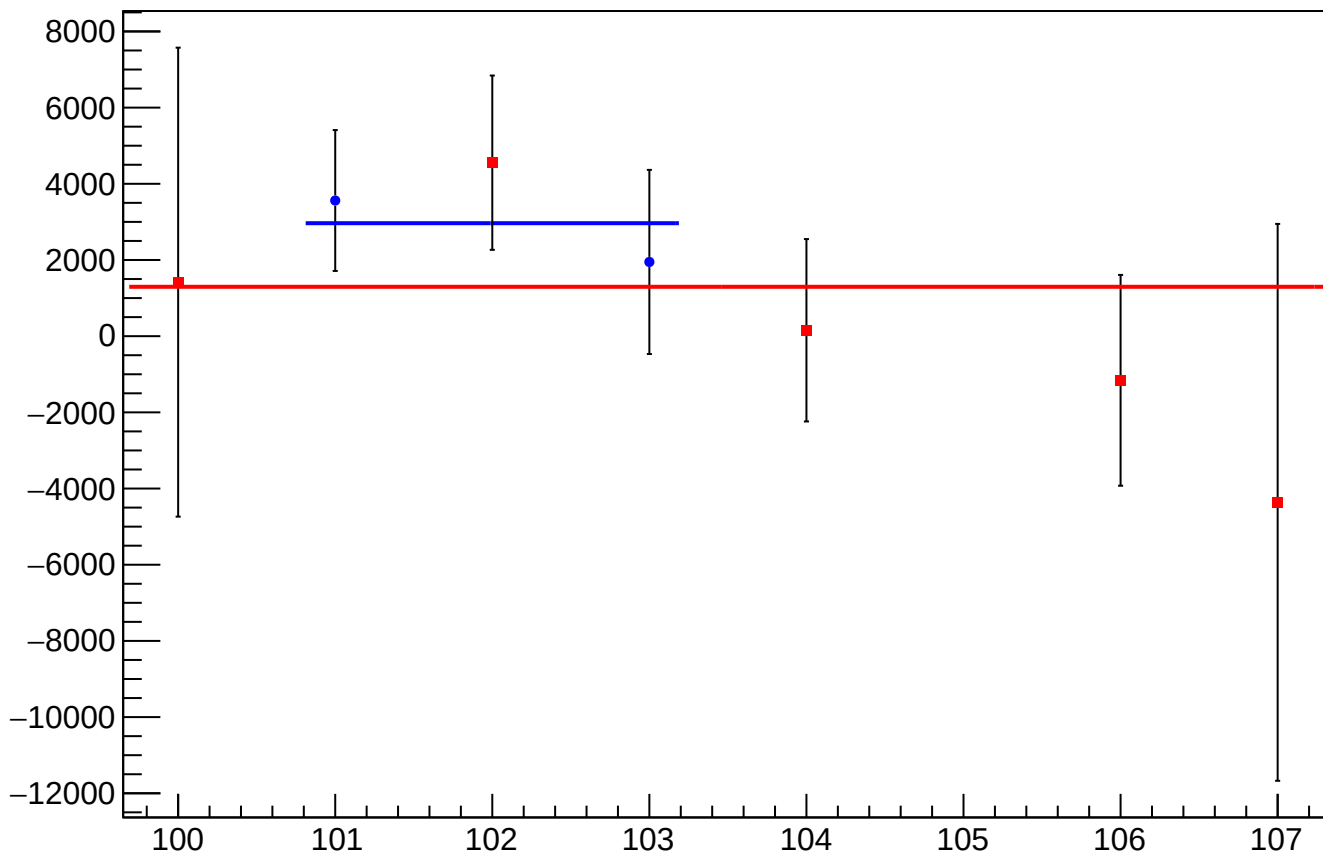
Right: 1307.495+/-0.541 χ^2/NDF : 281668.6/6

In: 1238.587+/-0.790 χ^2/NDF : 55102.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1307.495+/-0.541 χ^2/NDF : 281668.6/6

asym_usl_mean vs Slug, Sign Corrected



Right In: 2965.712 $\pm$ 1468.651 χ^2 /NDF: 0.3/1

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

Right Out: 1296.422 $\pm$ 1359.303 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

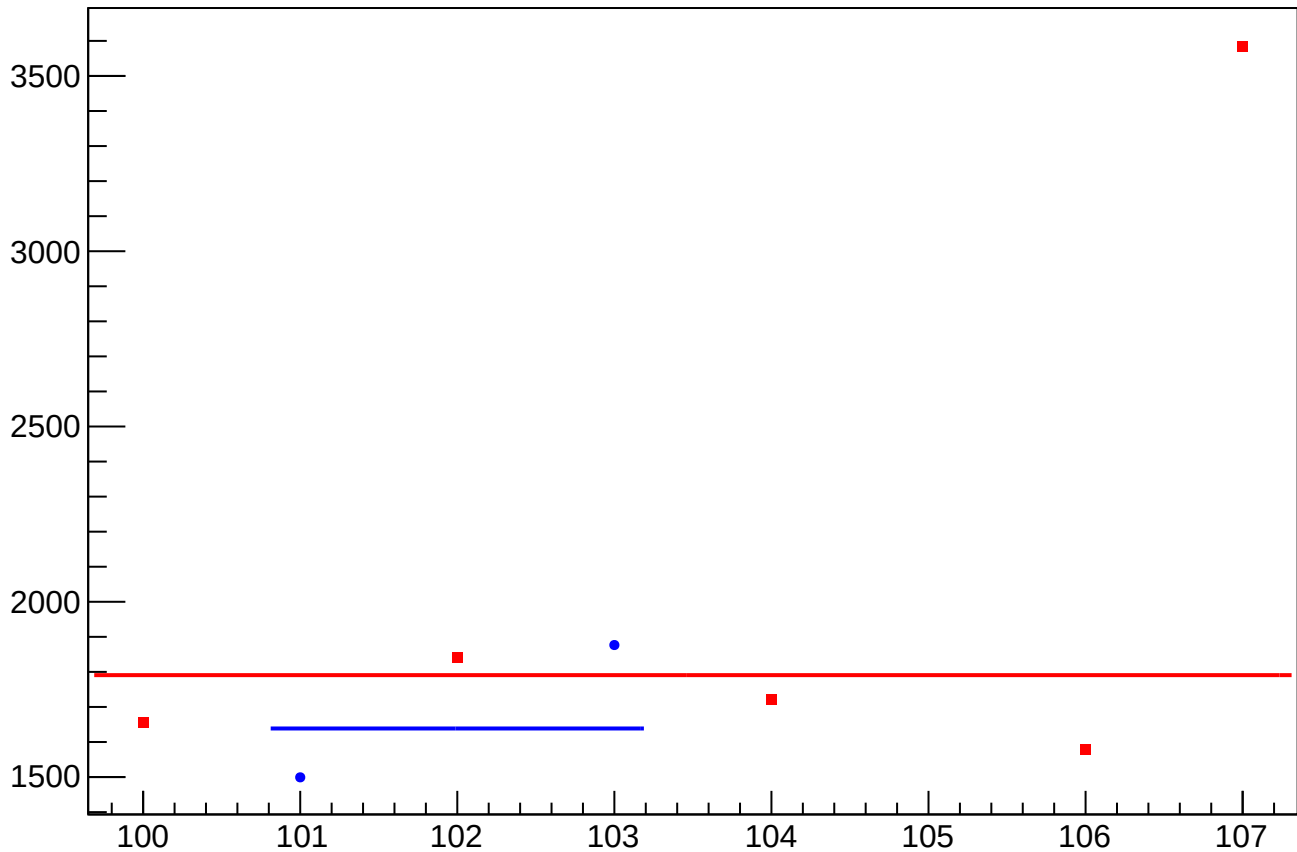
Right: 2066.617 $\pm$ 997.592 χ^2 /NDF: 4.6/6

In: 2965.712 $\pm$ 1468.651 χ^2 /NDF: 0.3/1

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

All: 2066.617 $\pm$ 997.592 χ^2 /NDF: 4.6/6

asym_usl_rms vs Slug, Sign Corrected



Right In: 1638.583+/-1.038 χ^2/NDF : 30762.9/1

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

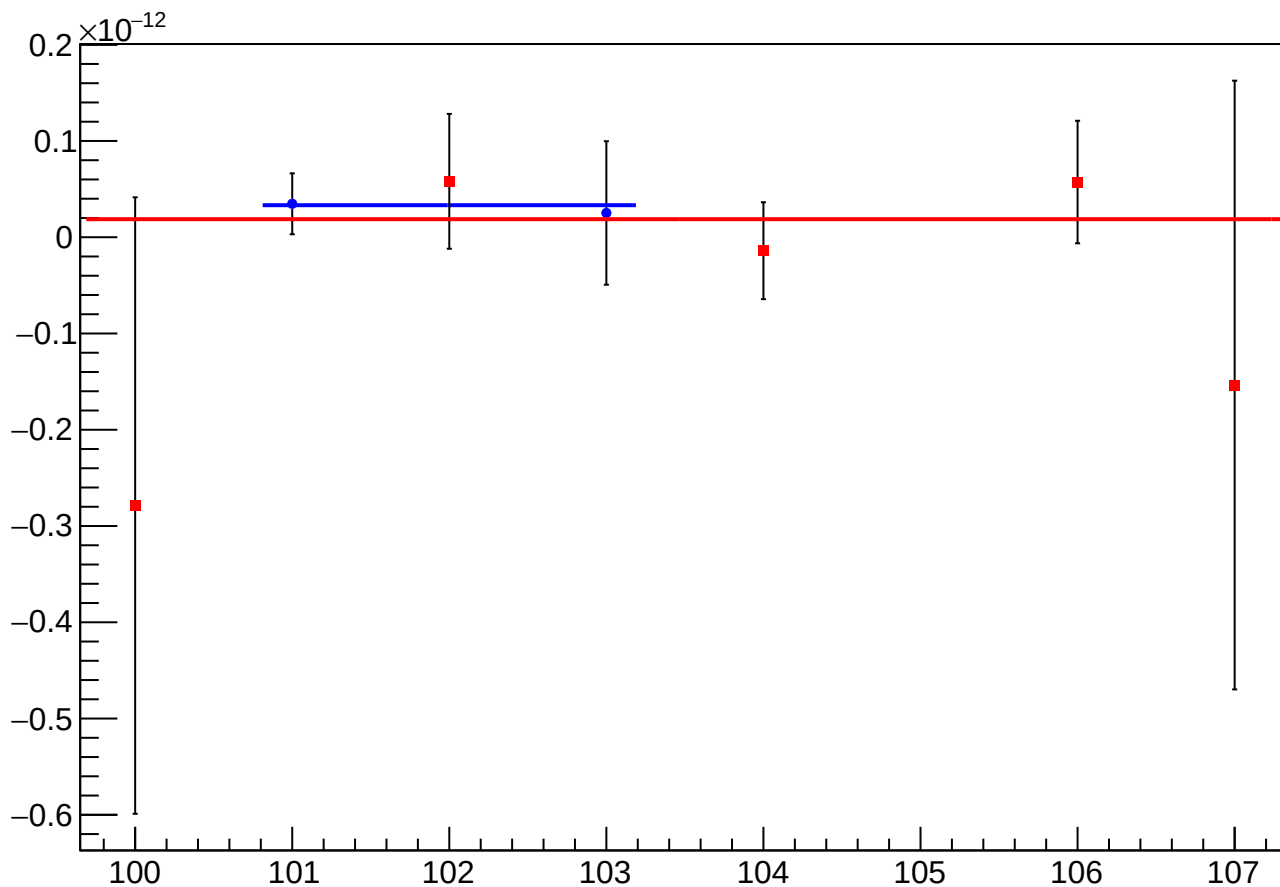
Right: 1720.548+/-0.705 χ^2/NDF : 178130.9/6

In: 1638.583+/-1.038 χ^2/NDF : 30762.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1720.548+/-0.705 χ^2/NDF : 178130.9/6

asym_usl_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/1

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

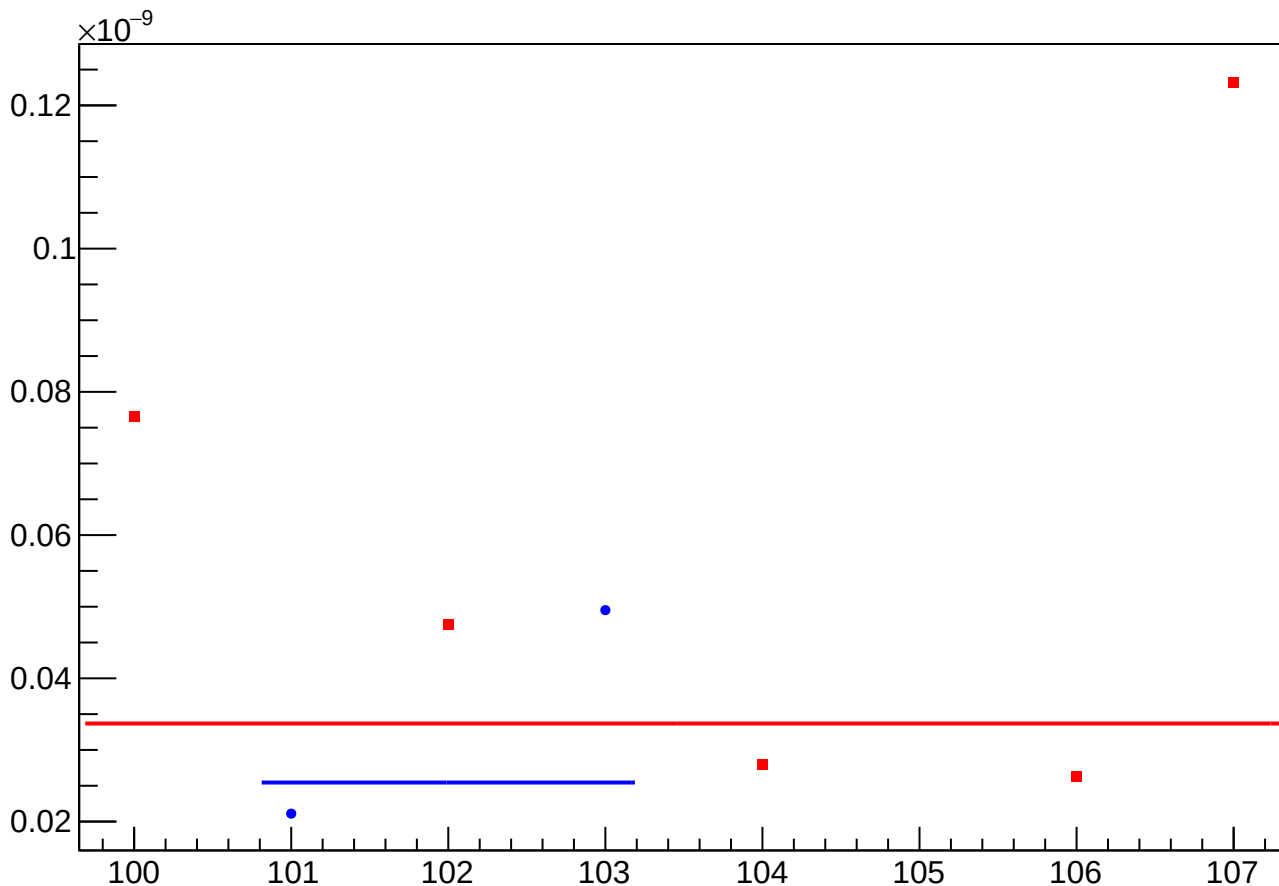
Right: 0.000+/-0.000 χ^2 /NDF: 2.4/6

In: 0.000+/-0.000 χ^2 /NDF:0.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 2.4/6

asym_usl_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 246188.9/1

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

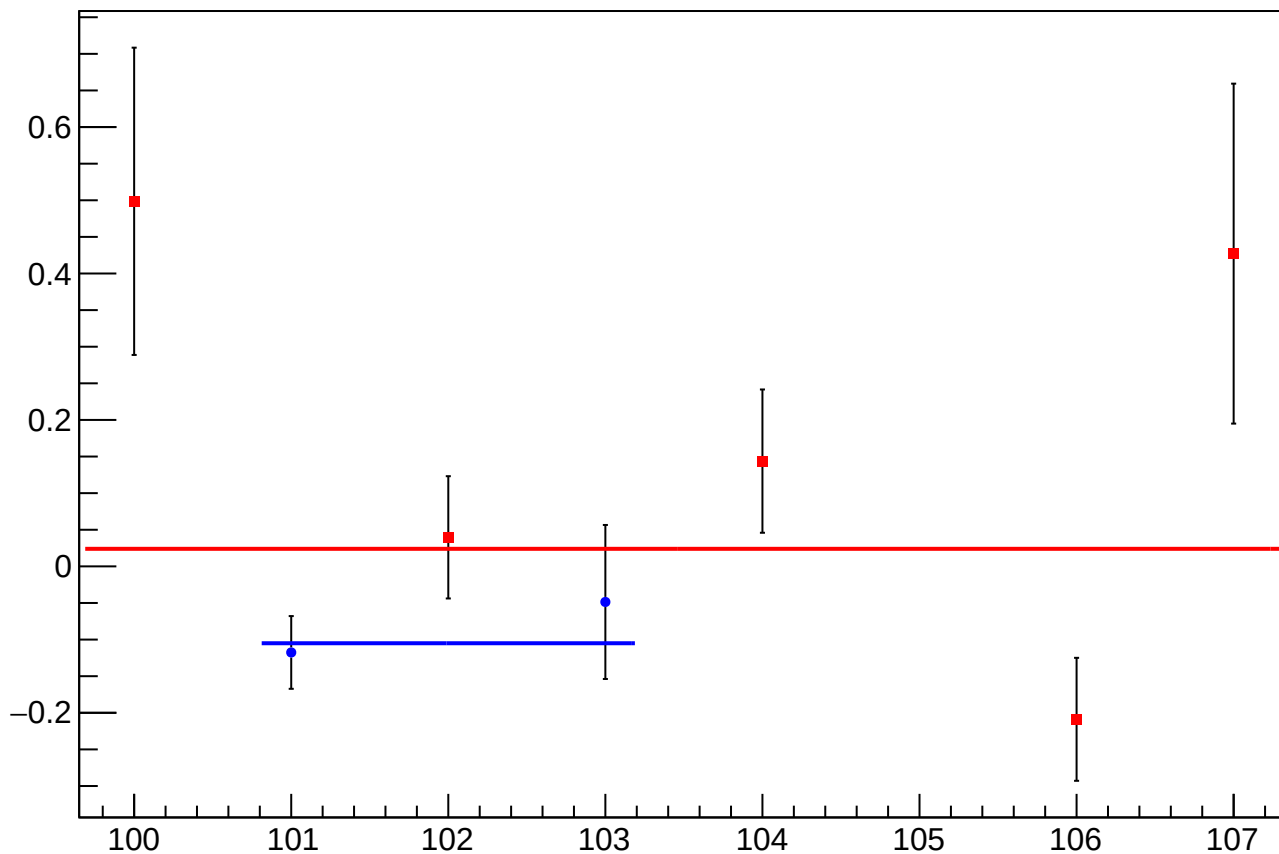
Right: 0.000+/-0.000 χ^2/NDF : 641096.0/6

In: 0.000+/-0.000 χ^2/NDF : 246188.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 641096.0/6

asym_usl_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.105 $\pm$ 0.045 χ^2 /NDF: 0.4/1

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

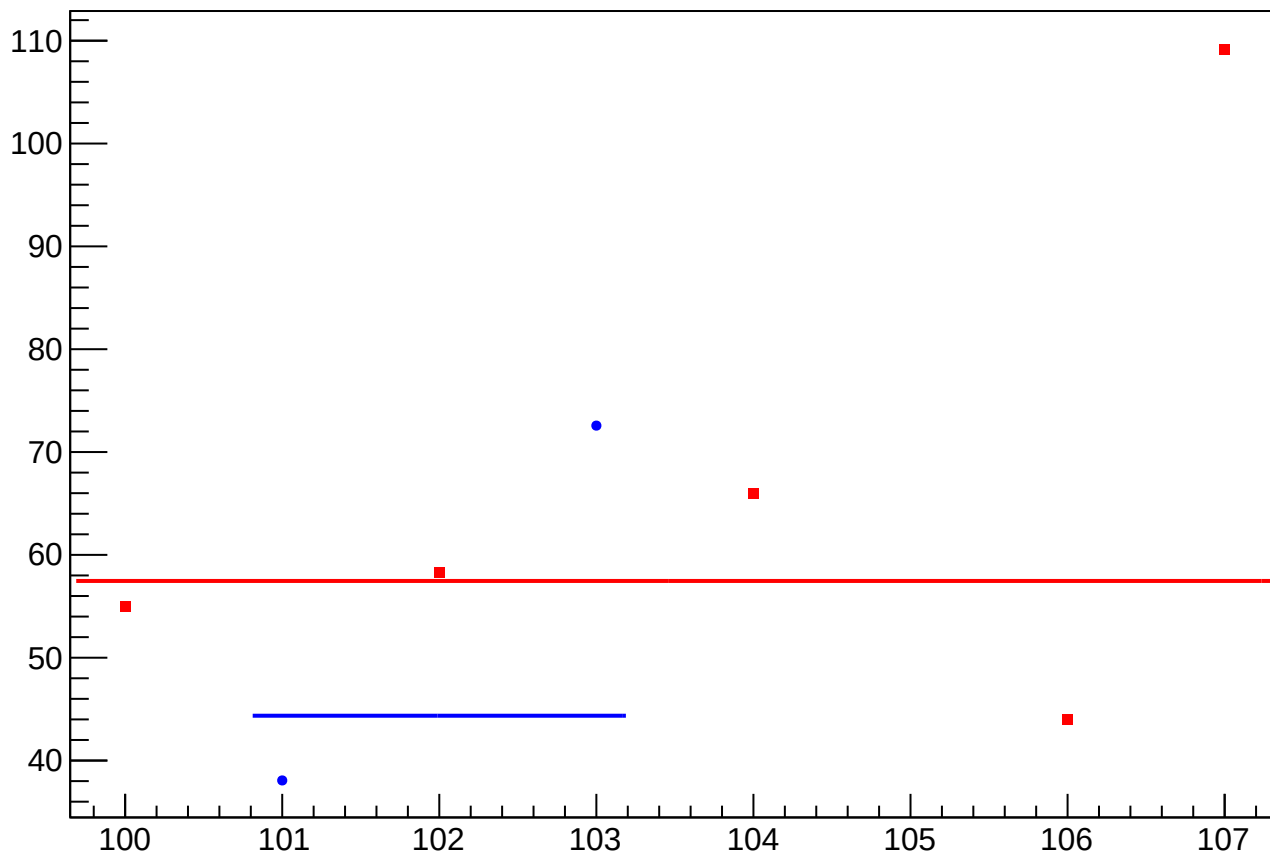
Right: -0.045 $\pm$ 0.033 χ^2 /NDF: 21.5/6

In: -0.105 $\pm$ 0.045 χ^2 /NDF: 0.4/1

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

All: -0.045 $\pm$ 0.033 χ^2 /NDF: 21.5/6

asym_usl_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.359+/-0.032 χ^2/NDF : 175984.2/1

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

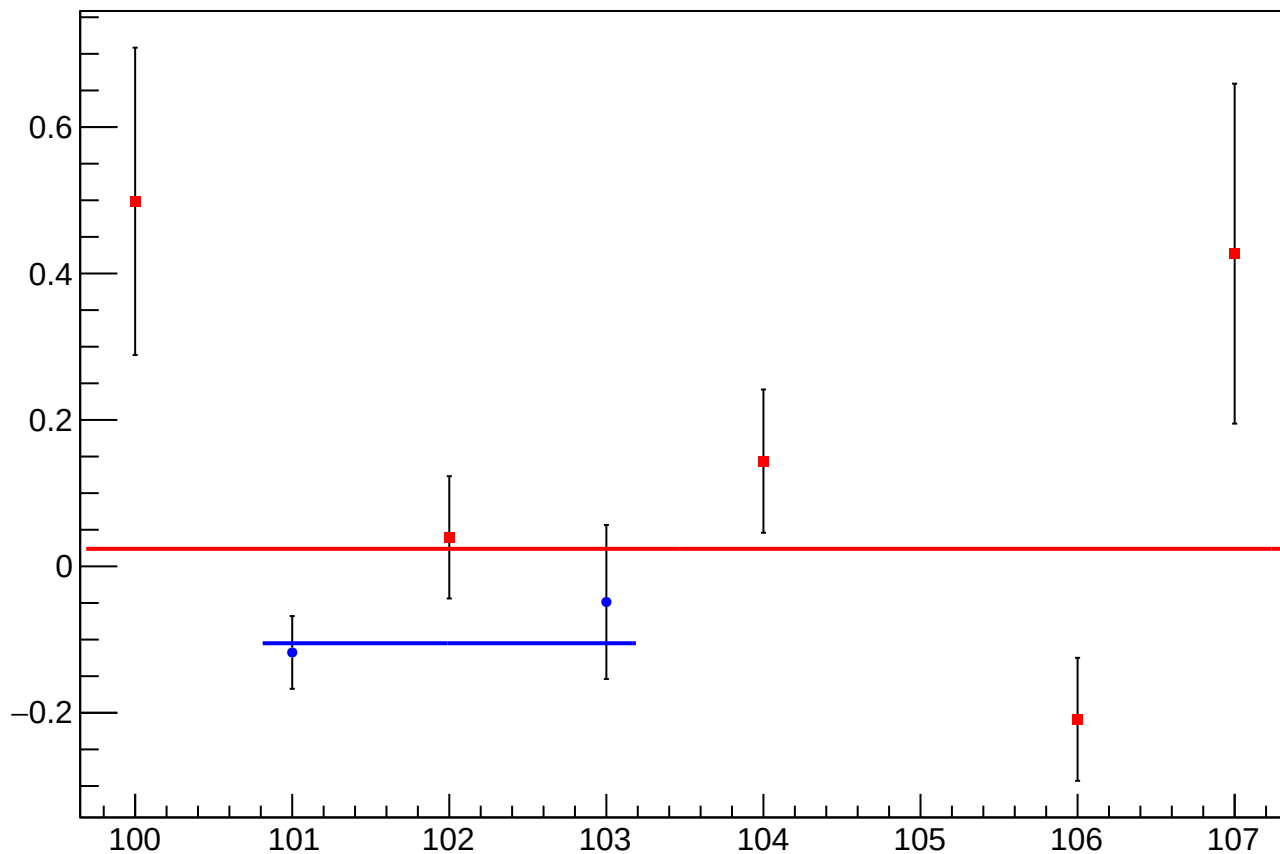
Right: 50.454+/-0.023 χ^2/NDF : 421603.1/6

In: 44.359+/-0.032 χ^2/NDF : 175984.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.454+/-0.023 χ^2/NDF : 421603.1/6

asym_usl_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.105+/-0.045 χ^2/NDF : 0.4/1

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

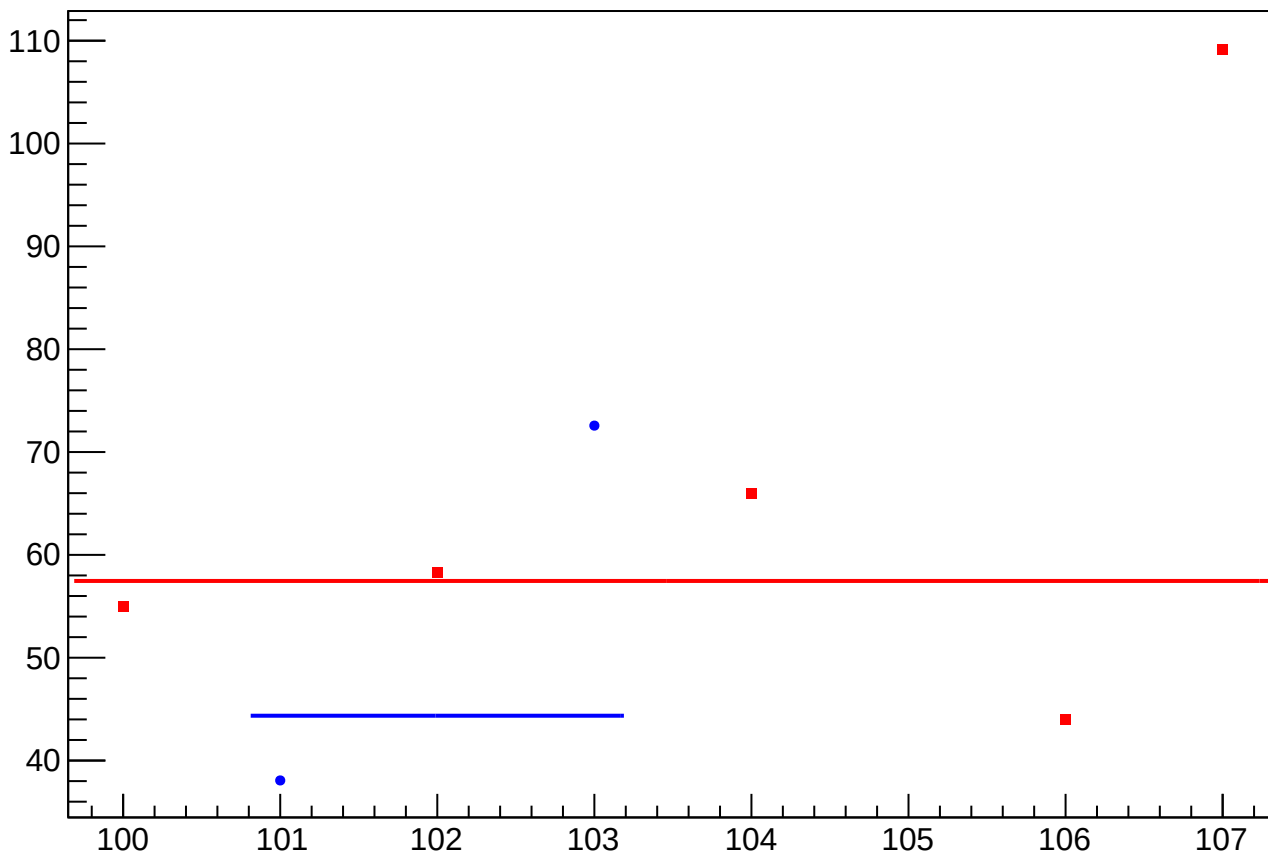
Right: -0.045+/-0.033 χ^2/NDF : 21.5/6

In: -0.105+/-0.045 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.045+/-0.033 χ^2/NDF : 21.5/6

asym_usl_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.359+/-0.032 χ^2/NDF : 175984.2/1

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

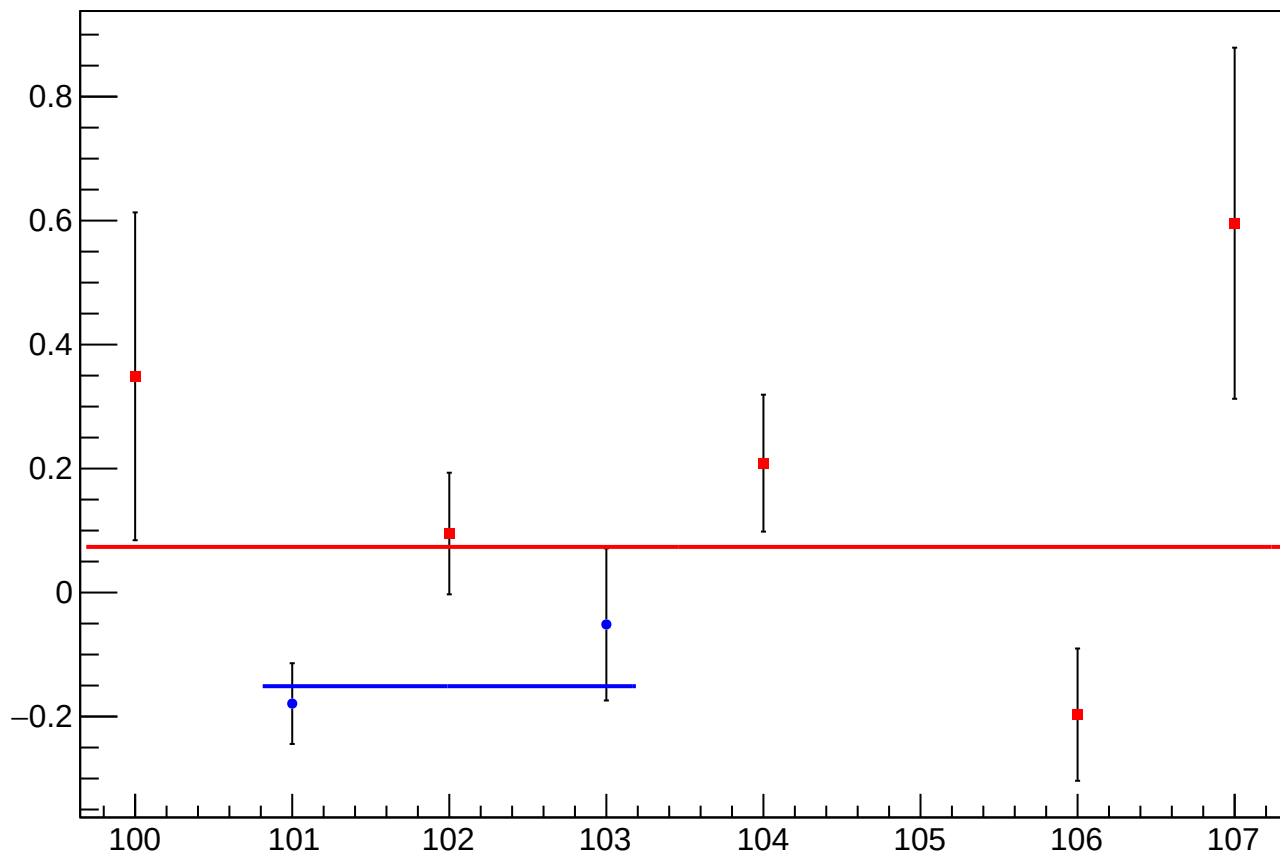
Right: 50.454+/-0.023 χ^2/NDF : 421603.1/6

In: 44.359+/-0.032 χ^2/NDF : 175984.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.454+/-0.023 χ^2/NDF : 421603.1/6

asym_usl_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.151 ± 0.058 $\chi^2/\text{NDF}: 0.8/1$

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 $\chi^2/\text{NDF}: 0.0/0$

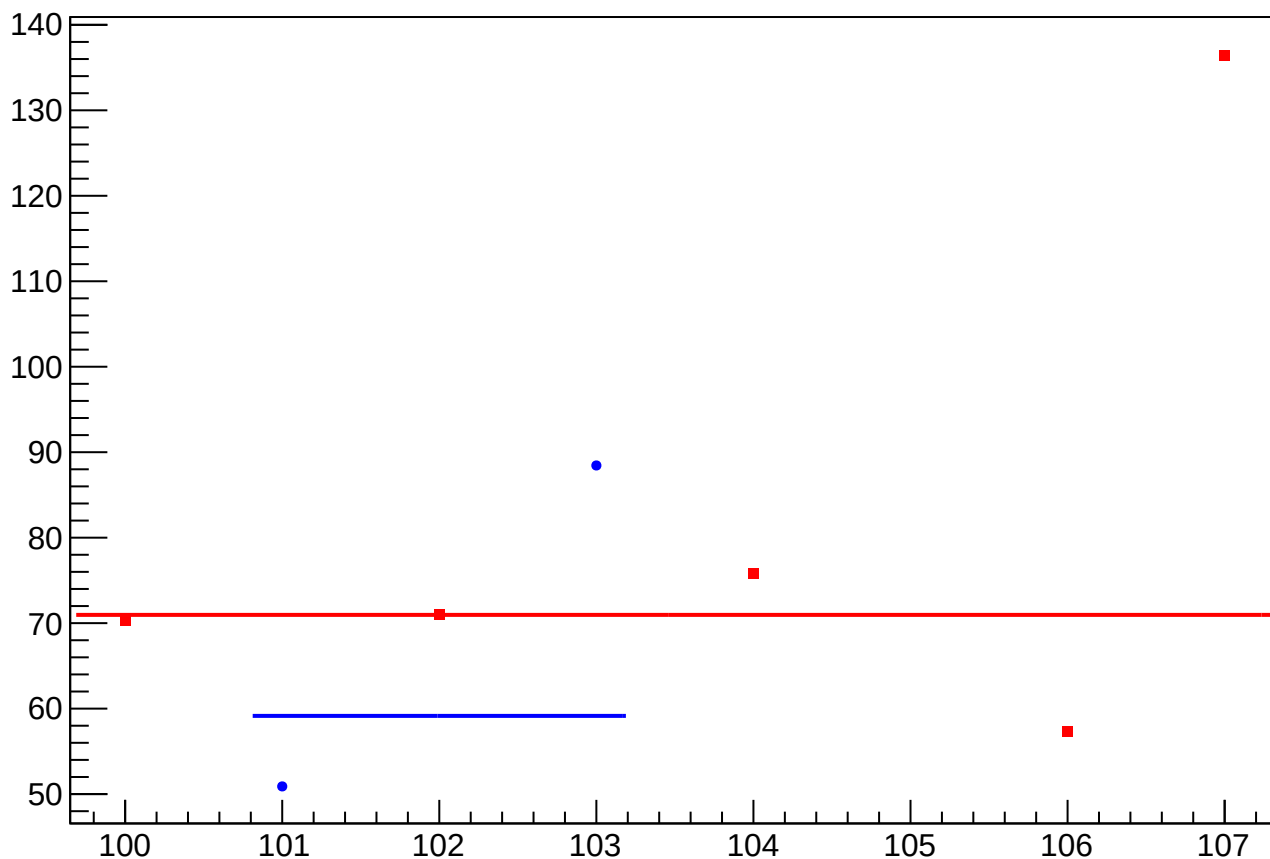
Right: -0.039 ± 0.041 $\chi^2/\text{NDF}: 20.9/6$

In: -0.151 ± 0.058 $\chi^2/\text{NDF}: 0.8/1$

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

All: -0.039 ± 0.041 $\chi^2/\text{NDF}: 20.9/6$

asym_usl_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.150+/-0.041 χ^2/NDF : 146128.8/1

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

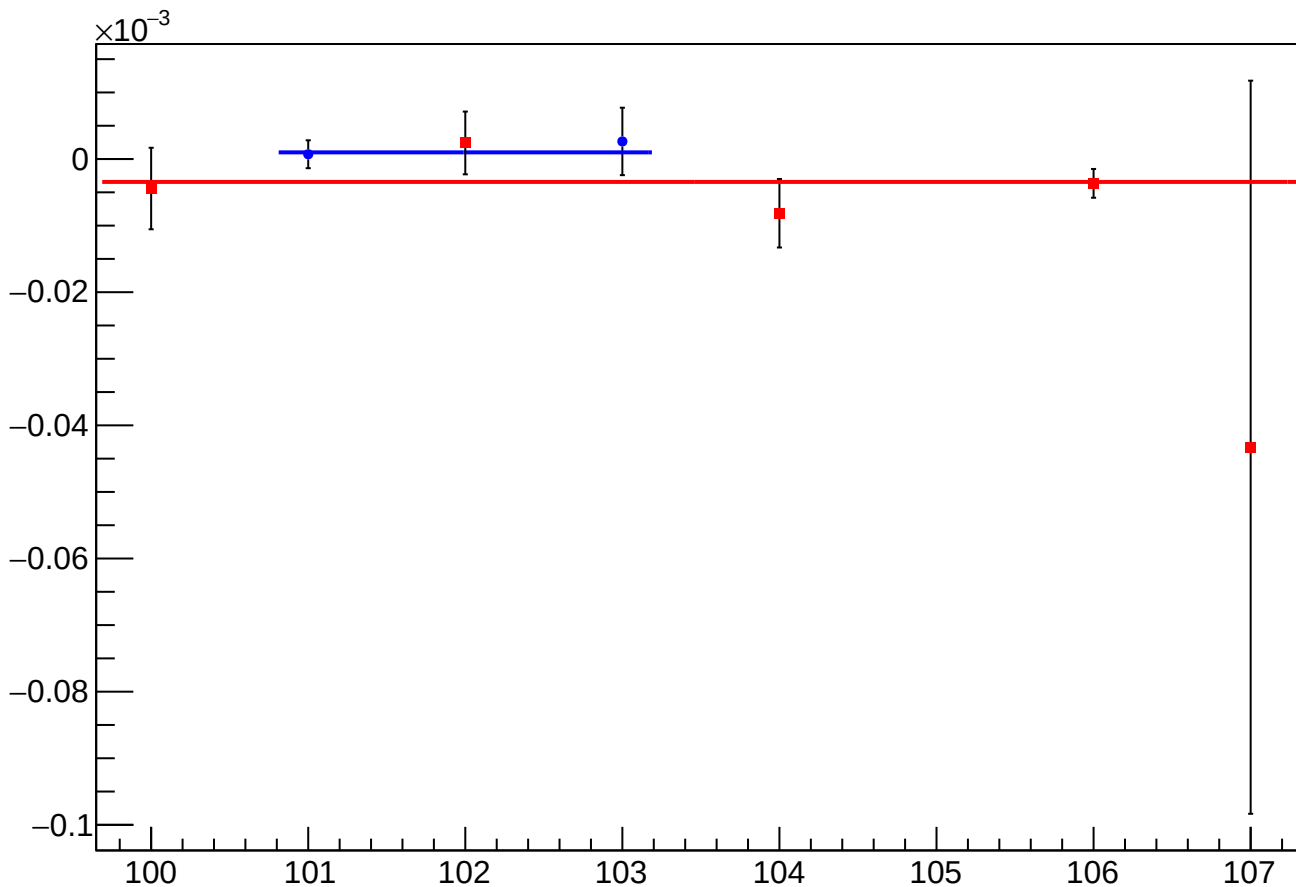
Right: 65.041+/-0.029 χ^2/NDF : 331698.0/6

In: 59.150+/-0.041 χ^2/NDF : 146128.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.041+/-0.029 χ^2/NDF : 331698.0/6

asym_usl_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.1/1

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

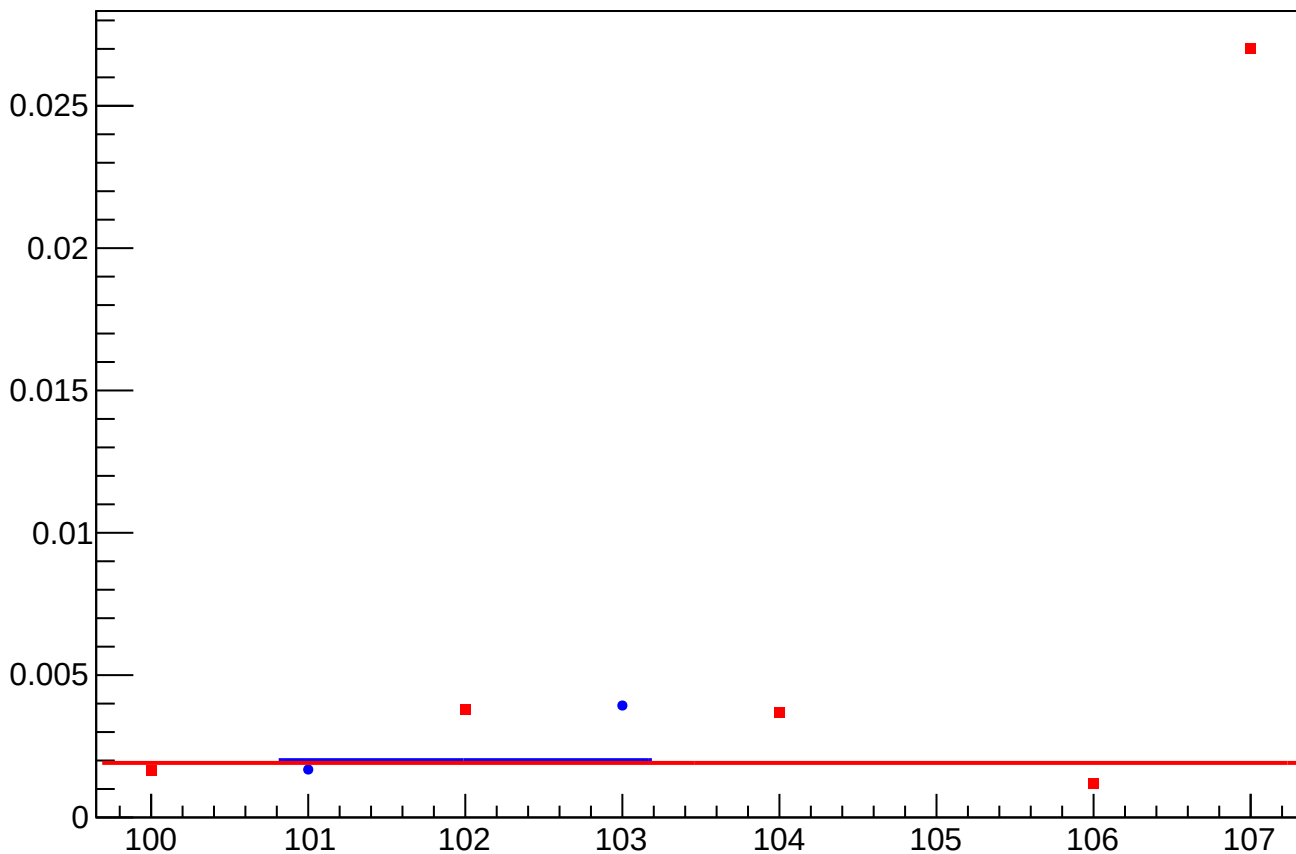
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.9/6

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.1/1

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.9/6

asym_usl_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 336689.6/1

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

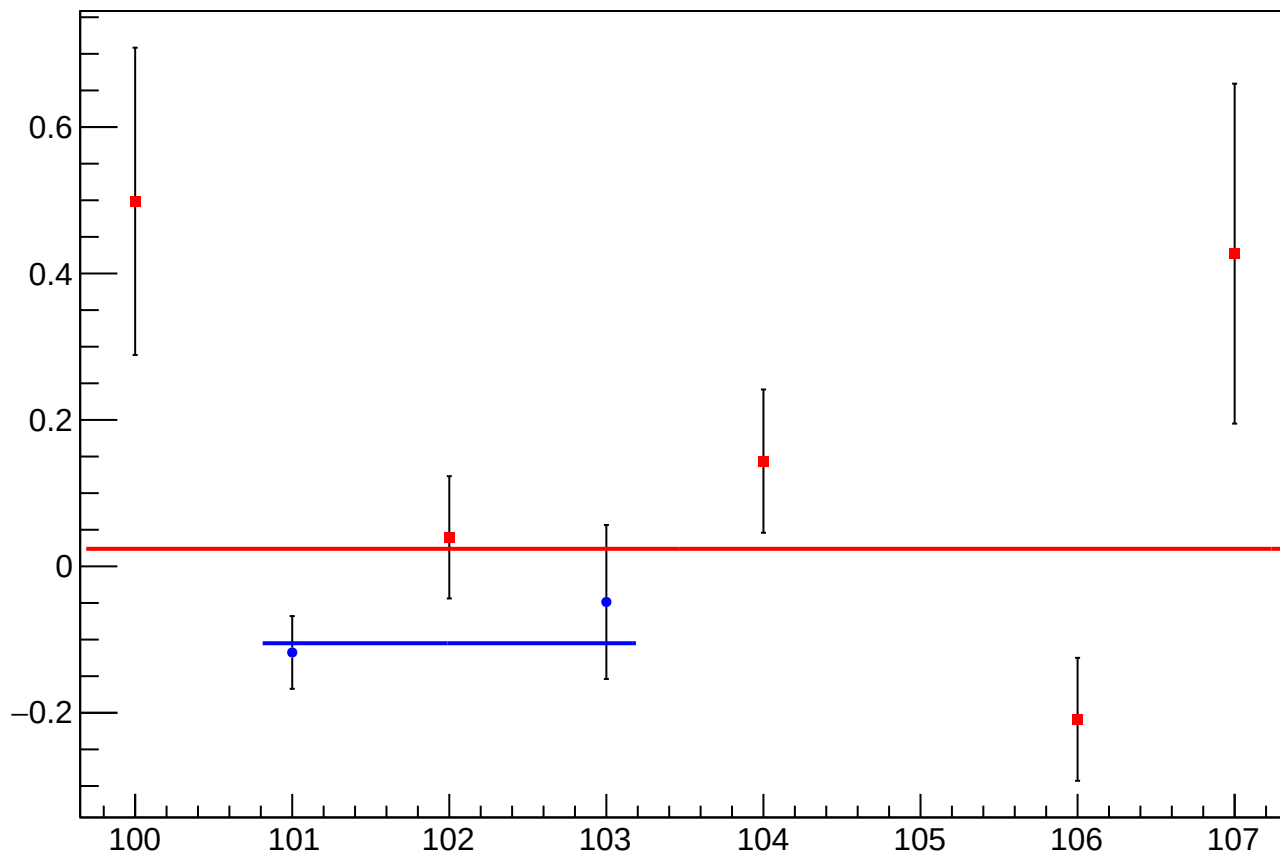
Right: 0.002+/-0.000 χ^2/NDF : 1529730.9/6

In: 0.002+/-0.000 χ^2/NDF : 336689.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1529730.9/6

asym_usl_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.105 $\pm$ 0.045 χ^2 /NDF: 0.4/1

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

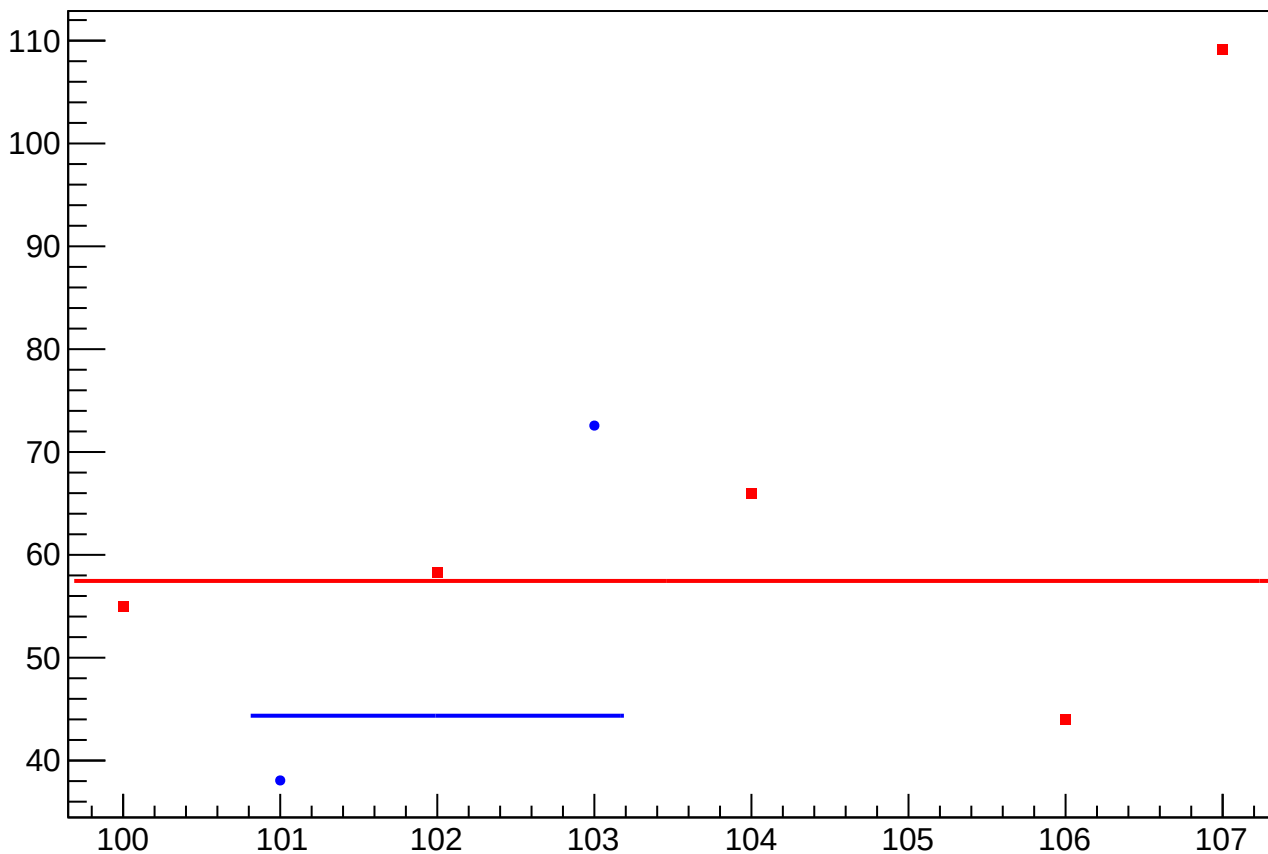
Right: -0.045 $\pm$ 0.033 χ^2 /NDF: 21.5/6

In: -0.105 $\pm$ 0.045 χ^2 /NDF:0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.045 $\pm$ 0.033 χ^2 /NDF: 21.5/6

asym_usl_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.359+/-0.032 χ^2/NDF : 175988.9/1

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

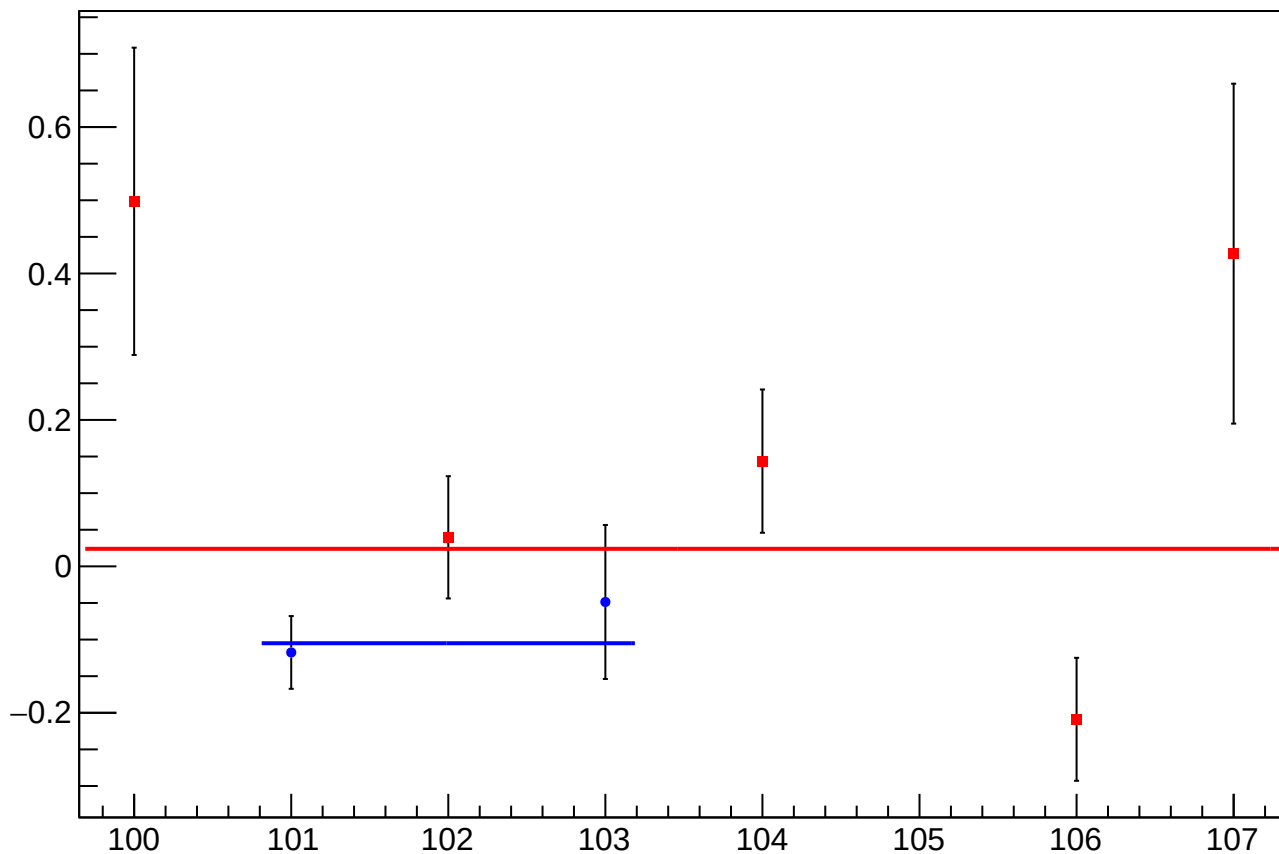
Right: 50.454+/-0.023 χ^2/NDF : 421597.7/6

In: 44.359+/-0.032 χ^2/NDF : 175988.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.454+/-0.023 χ^2/NDF : 421597.7/6

asym_usl_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.105 $\pm$ 0.045 χ^2 /NDF: 0.4/1

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

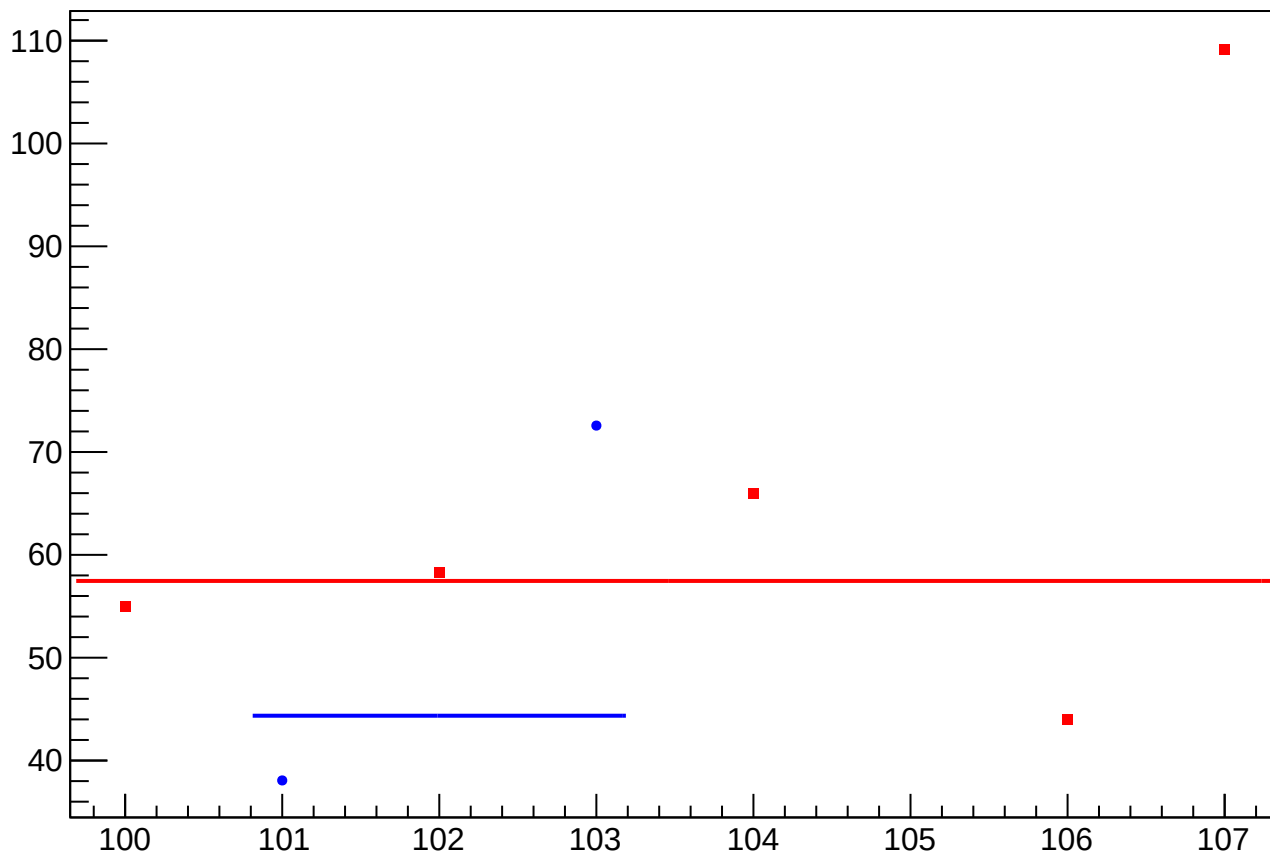
Right: -0.045 $\pm$ 0.033 χ^2 /NDF: 21.5/6

In: -0.105 $\pm$ 0.045 χ^2 /NDF:0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.045 $\pm$ 0.033 χ^2 /NDF: 21.5/6

asym_usl_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.359+/-0.032 χ^2/NDF : 175988.9/1

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

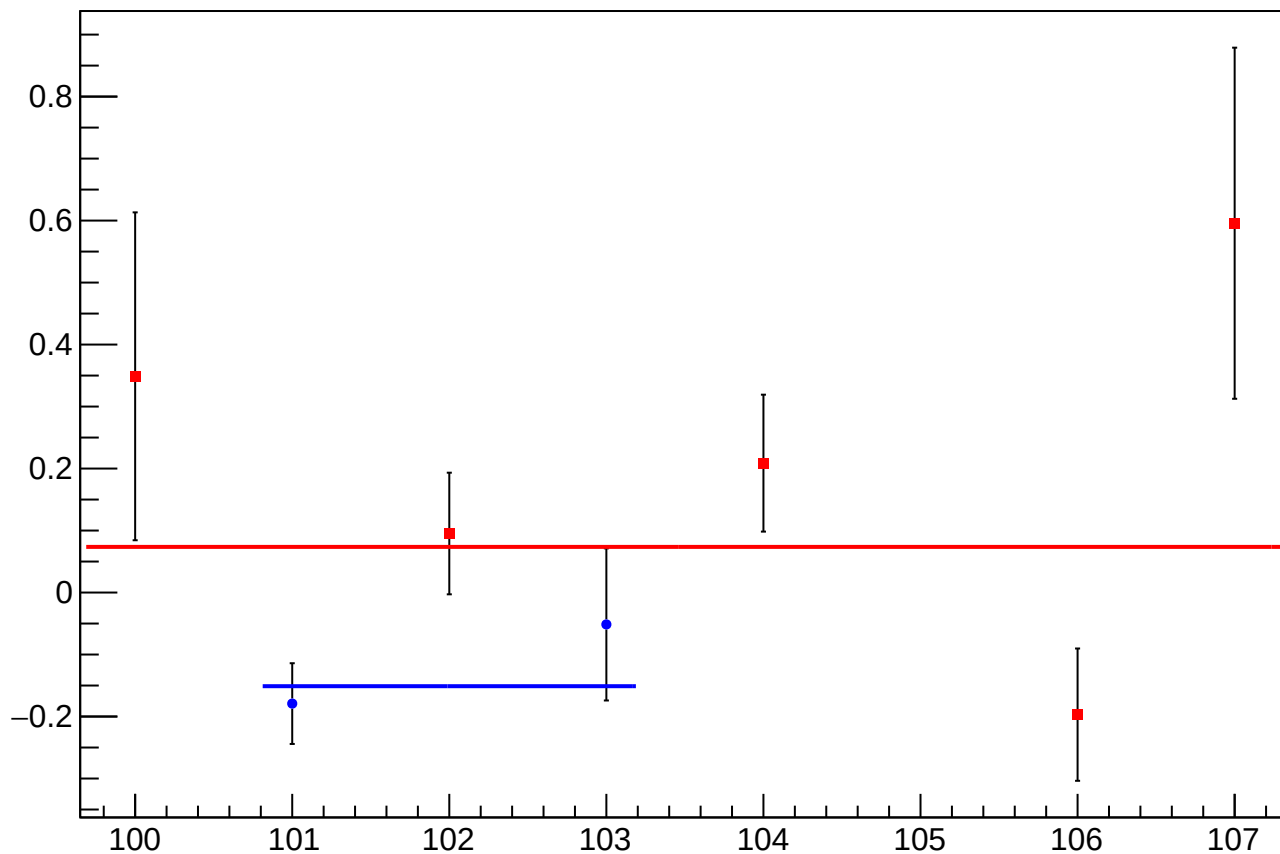
Right: 50.454+/-0.023 χ^2/NDF : 421597.7/6

In: 44.359+/-0.032 χ^2/NDF : 175988.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.454+/-0.023 χ^2/NDF : 421597.7/6

asym_usl_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.151+/-0.058 χ^2/NDF : 0.8/1

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

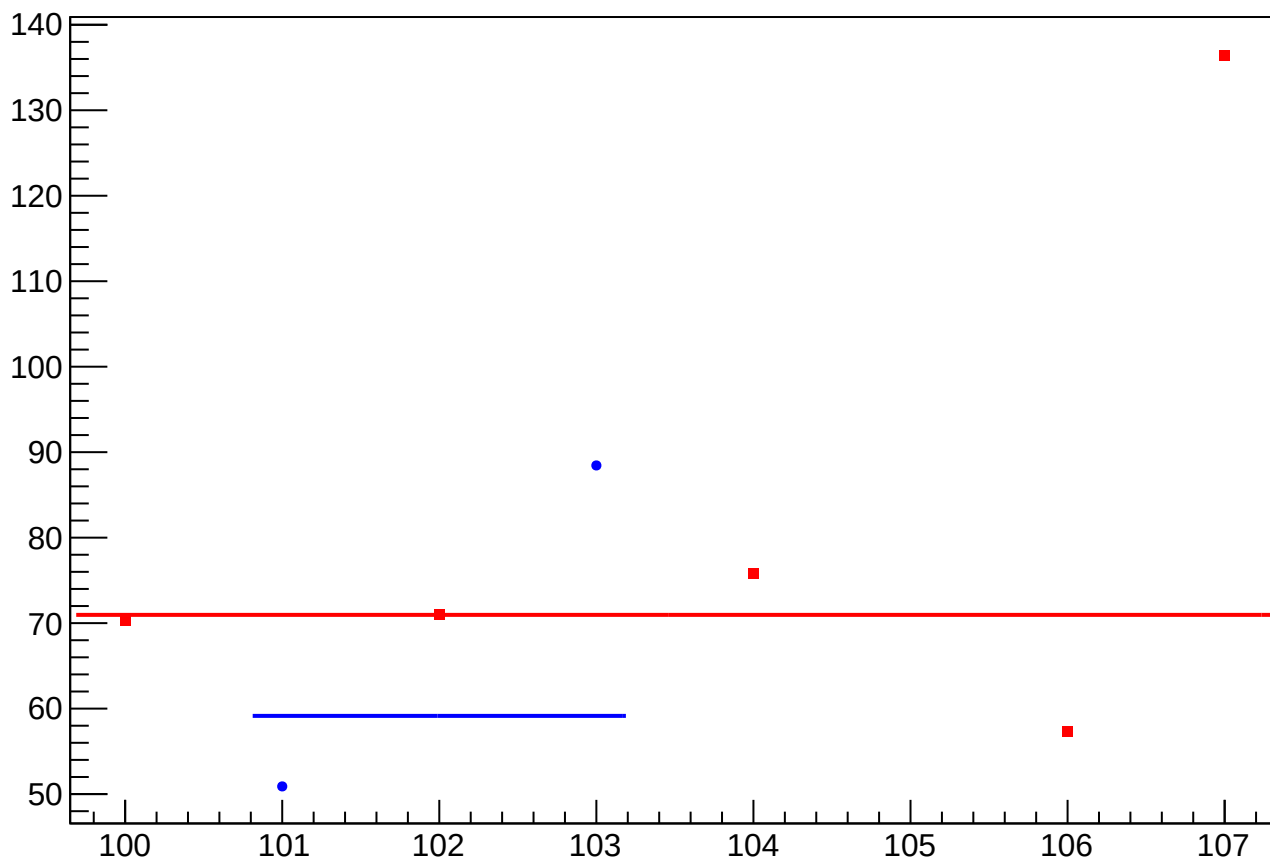
Right: -0.039+/-0.041 χ^2/NDF : 20.9/6

In: -0.151+/-0.058 χ^2/NDF : 0.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.039+/-0.041 χ^2/NDF : 20.9/6

asym_usl_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.150+/-0.041 χ^2/NDF : 146128.4/1

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

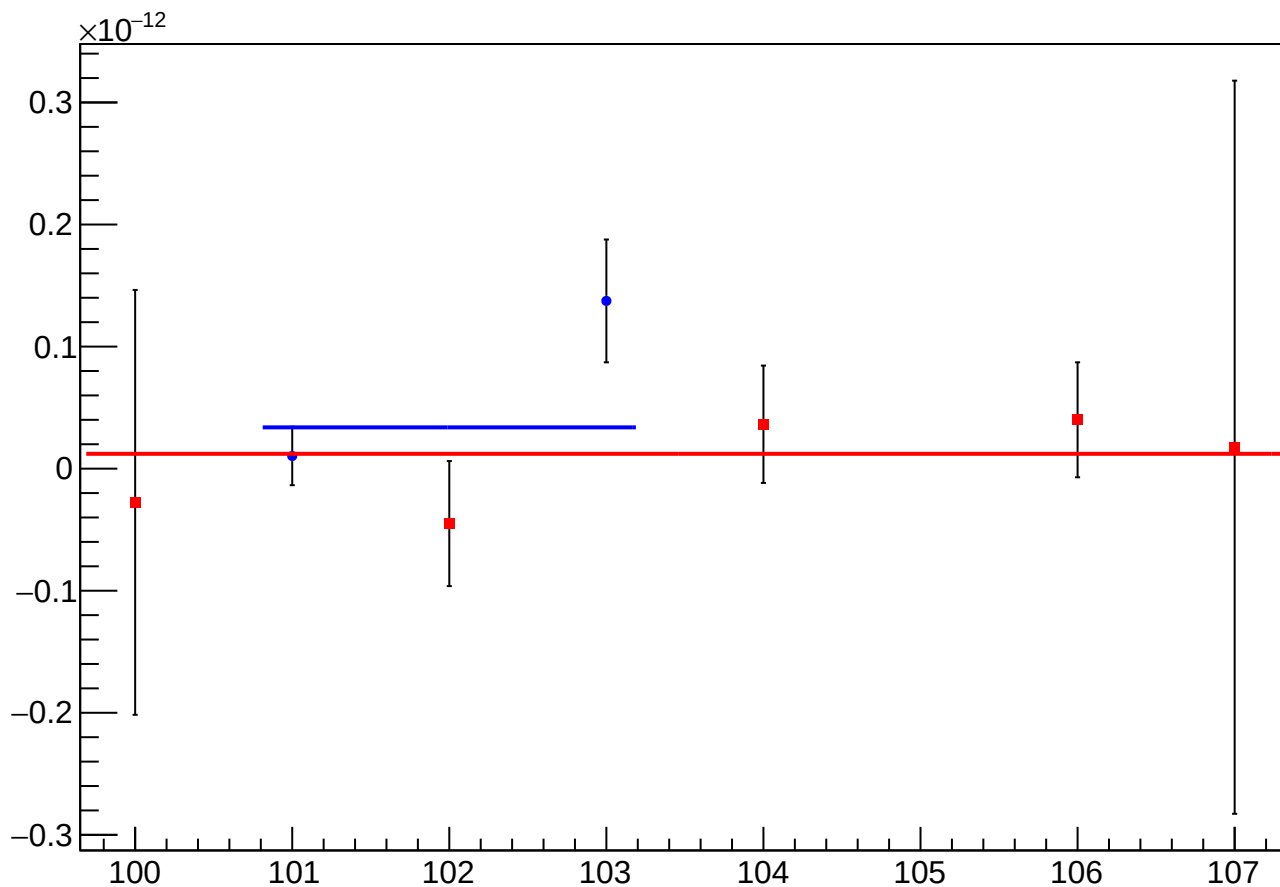
Right: 65.041+/-0.029 χ^2/NDF : 331683.5/6

In: 59.150+/-0.041 χ^2/NDF : 146128.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.041+/-0.029 χ^2/NDF : 331683.5/6

asym_usl_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.2/1

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

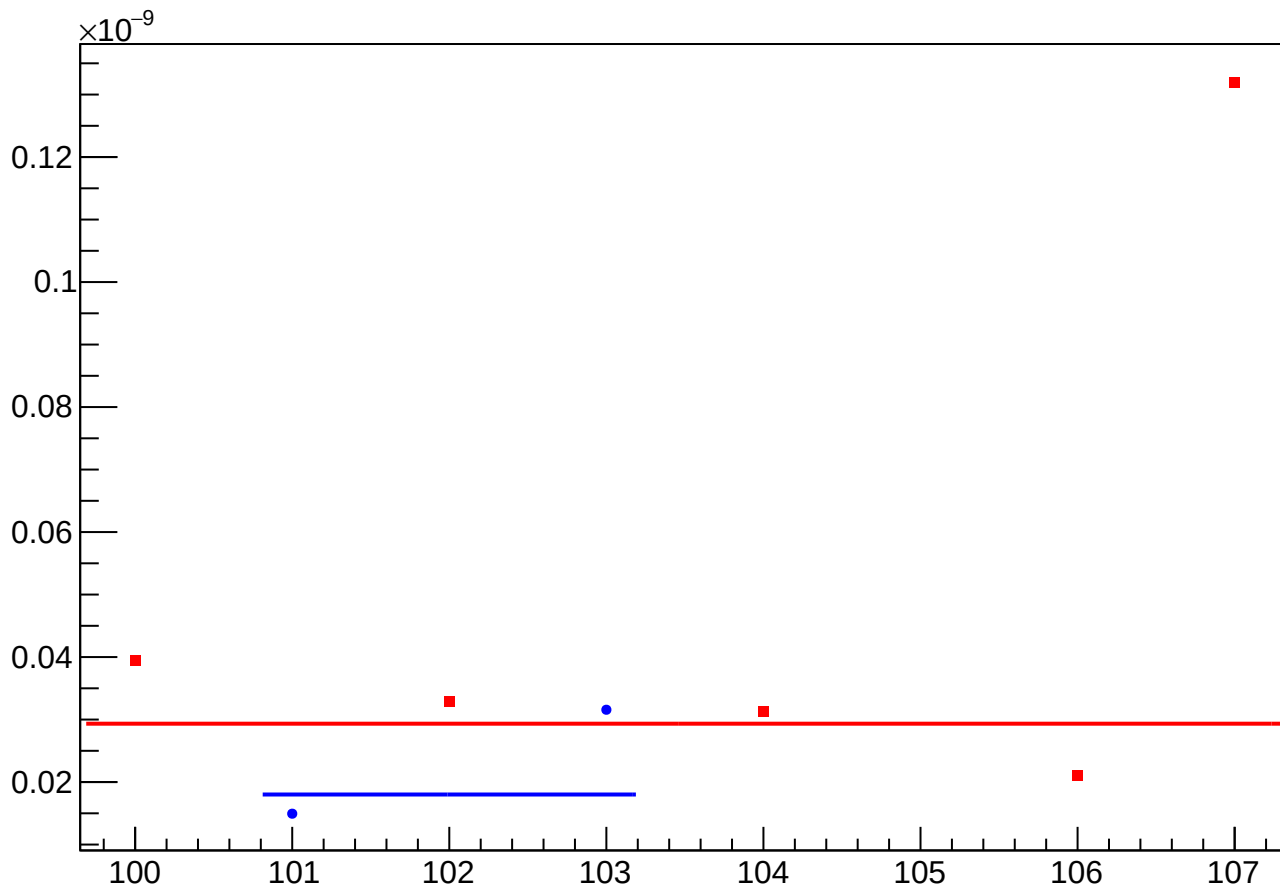
Right: 0.000+/-0.000 χ^2/NDF : 7.5/6

In: 0.000+/-0.000 χ^2/NDF : 5.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.5/6

asym_usl_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 178225.3/1

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

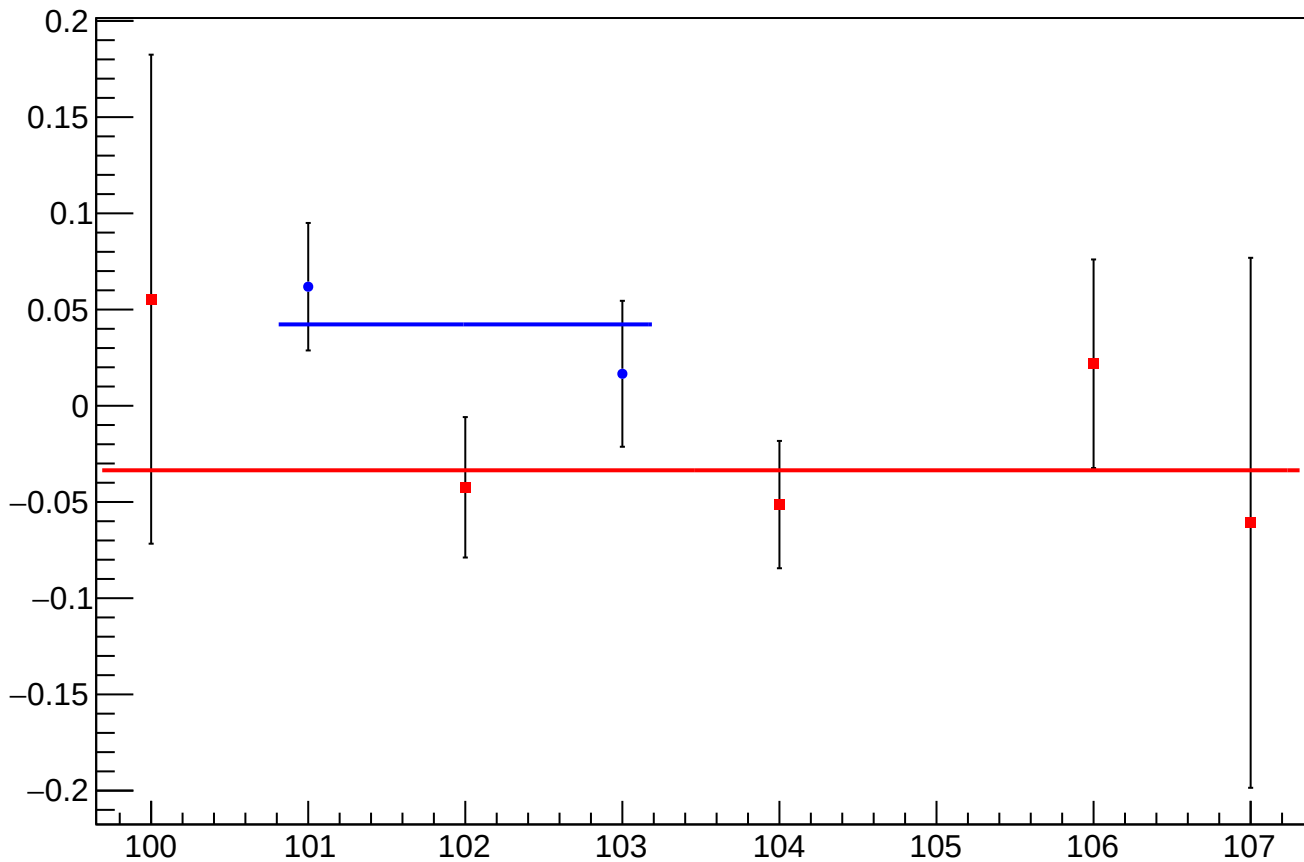
Right: 0.000+/-0.000 χ^2/NDF : 701414.4/6

In: 0.000+/-0.000 χ^2/NDF : 178225.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 701414.4/6

asym_usl_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.042 $\pm$ 0.025 χ^2 /NDF: 0.8/1

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

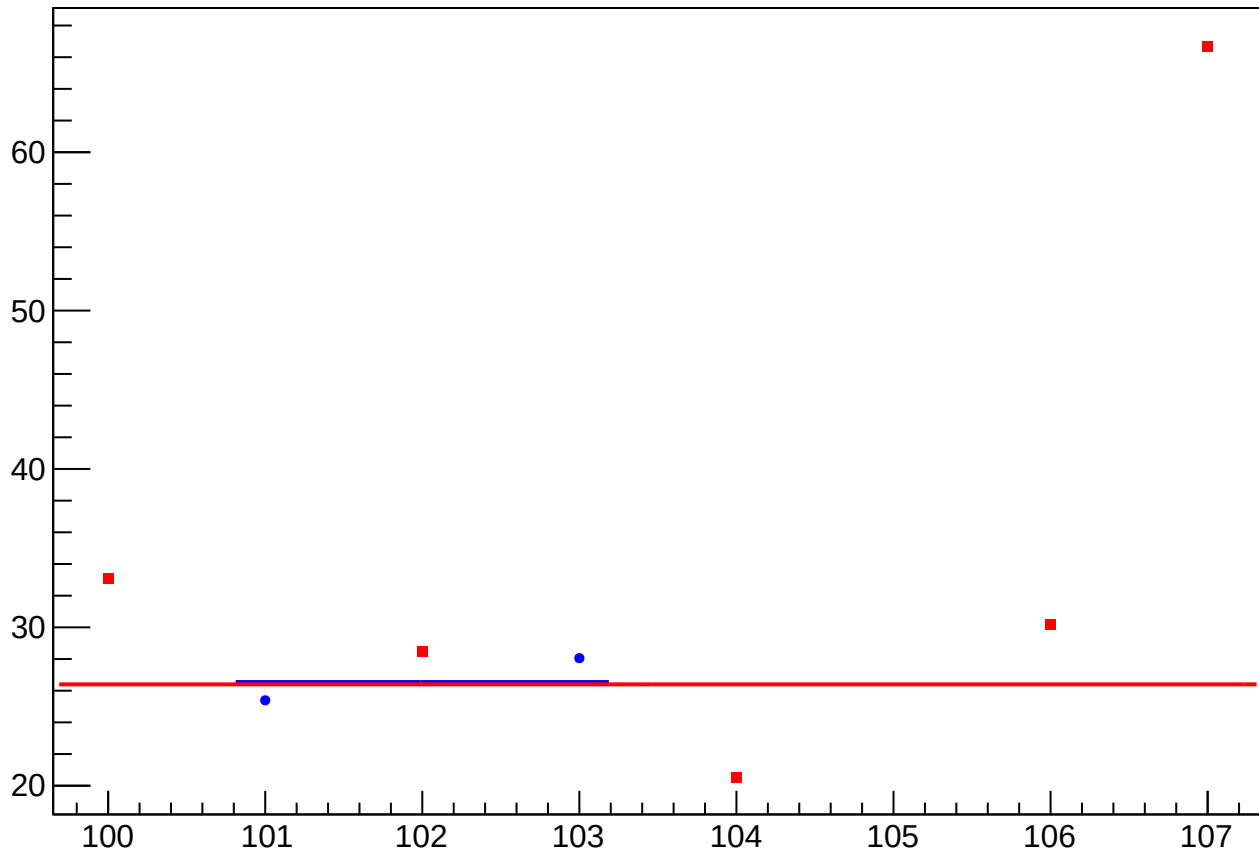
Right: -0.001 $\pm$ 0.016 χ^2 /NDF: 8.0/6

In: 0.042 $\pm$ 0.025 χ^2 /NDF: 0.8/1

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

All: -0.001 $\pm$ 0.016 χ^2 /NDF: 8.0/6

asym_usl_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.545+/-0.018 χ^2/NDF : 5585.0/1

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

Right Out: 26.399+/-0.015 χ^2/NDF : 255899.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

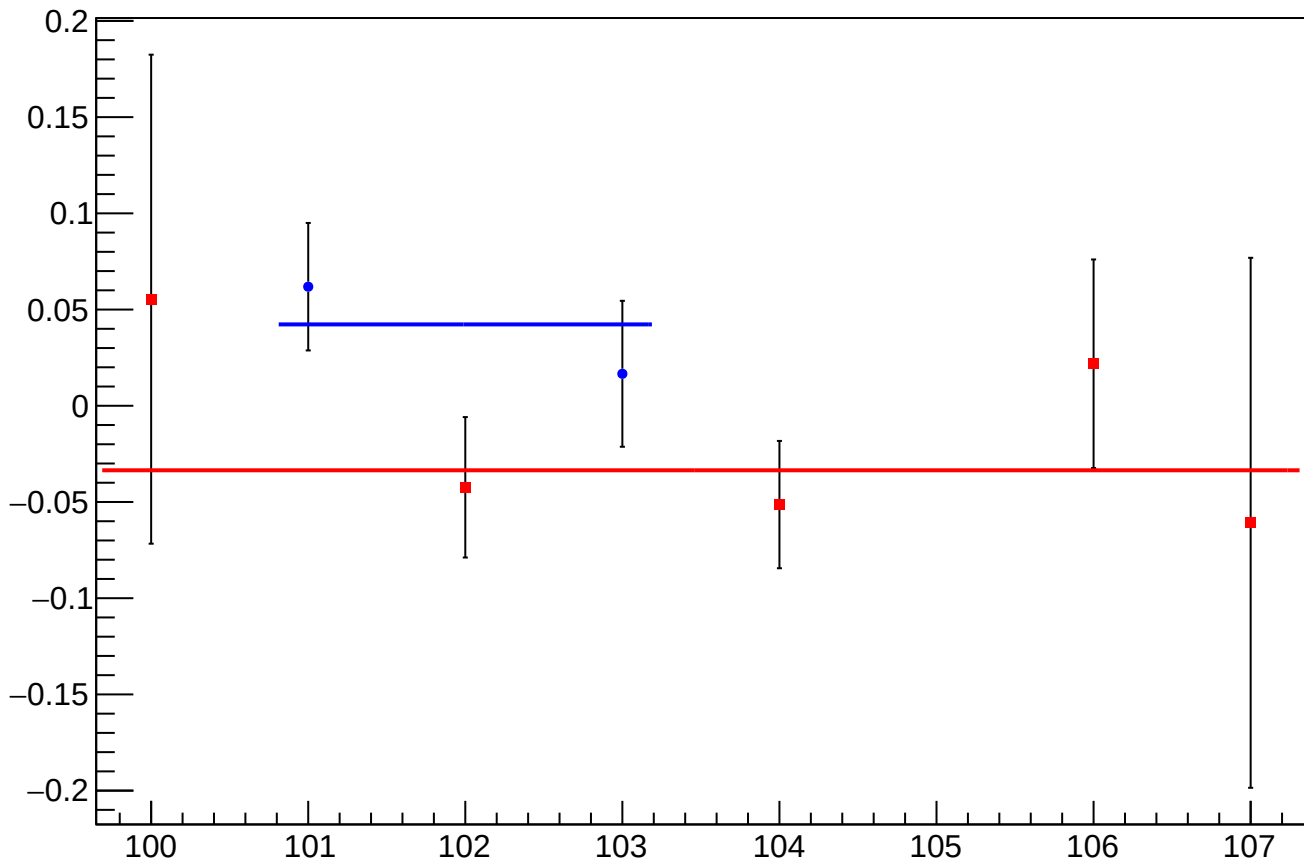
Right: 26.462+/-0.012 χ^2/NDF : 261523.1/6

In: 26.545+/-0.018 χ^2/NDF : 5585.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.462+/-0.012 χ^2/NDF : 261523.1/6

asym_usl_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.042 $\pm$ 0.025 χ^2 /NDF: 0.8/1

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

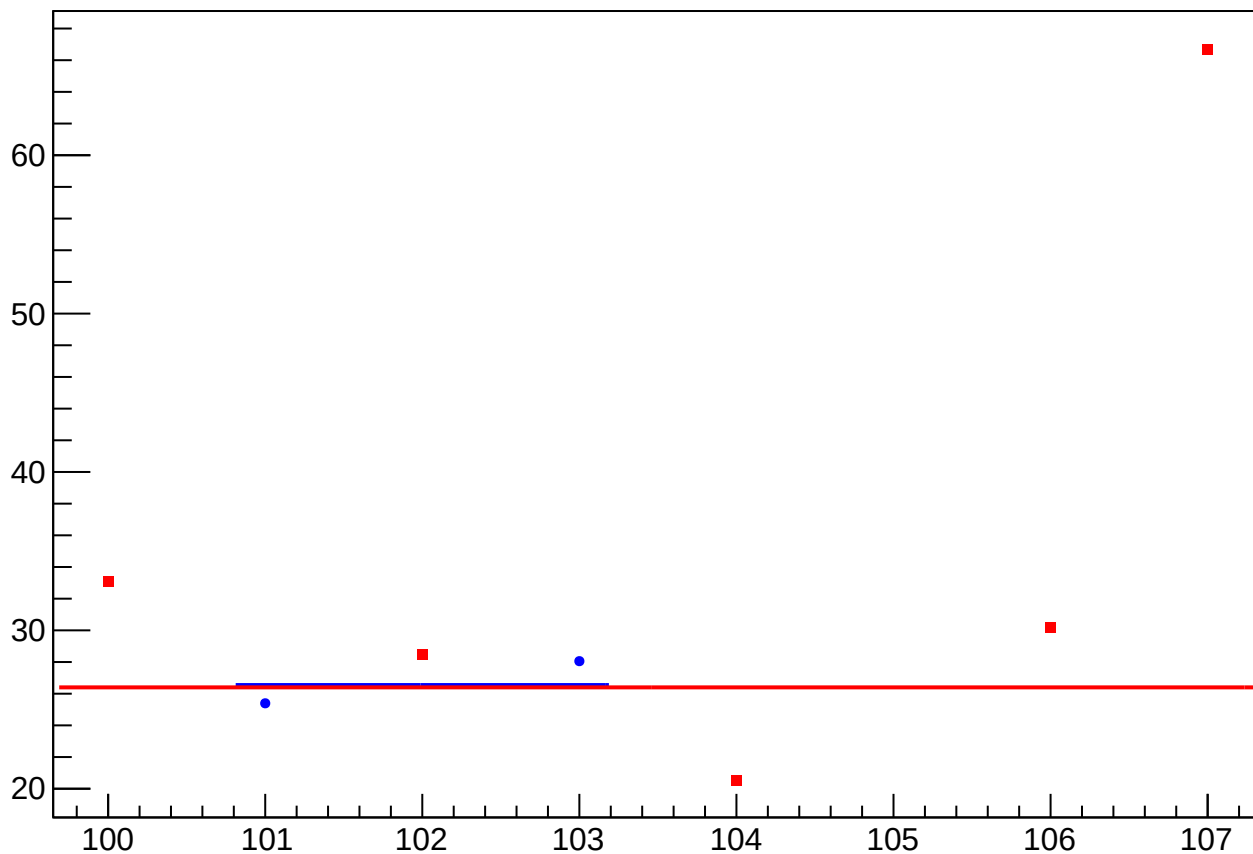
Right: -0.001 $\pm$ 0.016 χ^2 /NDF: 8.0/6

In: 0.042 $\pm$ 0.025 χ^2 /NDF: 0.8/1

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

All: -0.001 $\pm$ 0.016 χ^2 /NDF: 8.0/6

asym_usl_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.545+/-0.018 χ^2/NDF : 5585.0/1

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

Right Out: 26.399+/-0.015 χ^2/NDF : 255899.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

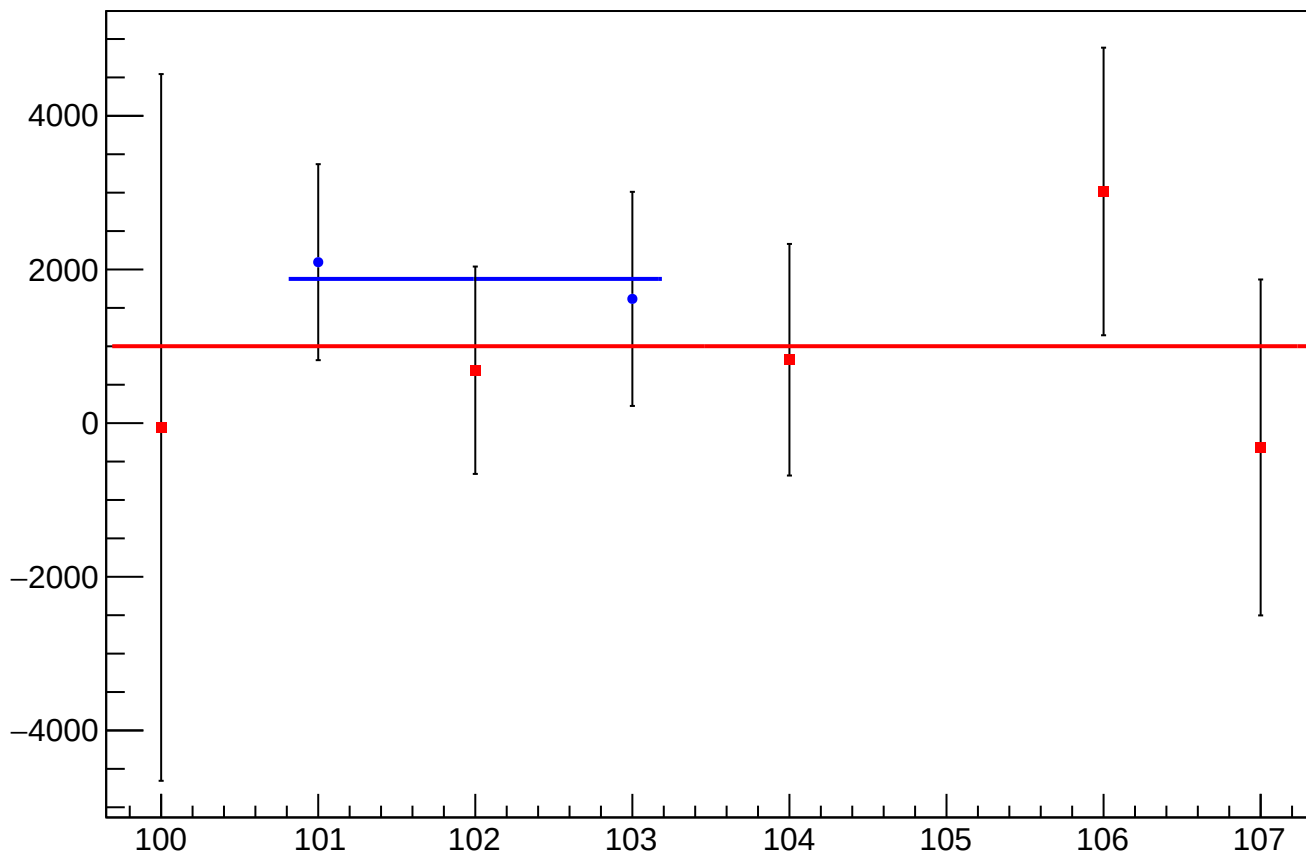
Right: 26.462+/-0.012 χ^2/NDF : 261523.1/6

In: 26.545+/-0.018 χ^2/NDF : 5585.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.462+/-0.012 χ^2/NDF : 261523.1/6

reg_asym_usr_mean vs Slug, Sign Corrected



Right In: 1877.450+/-940.880 χ^2/NDF : 0.1/1

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

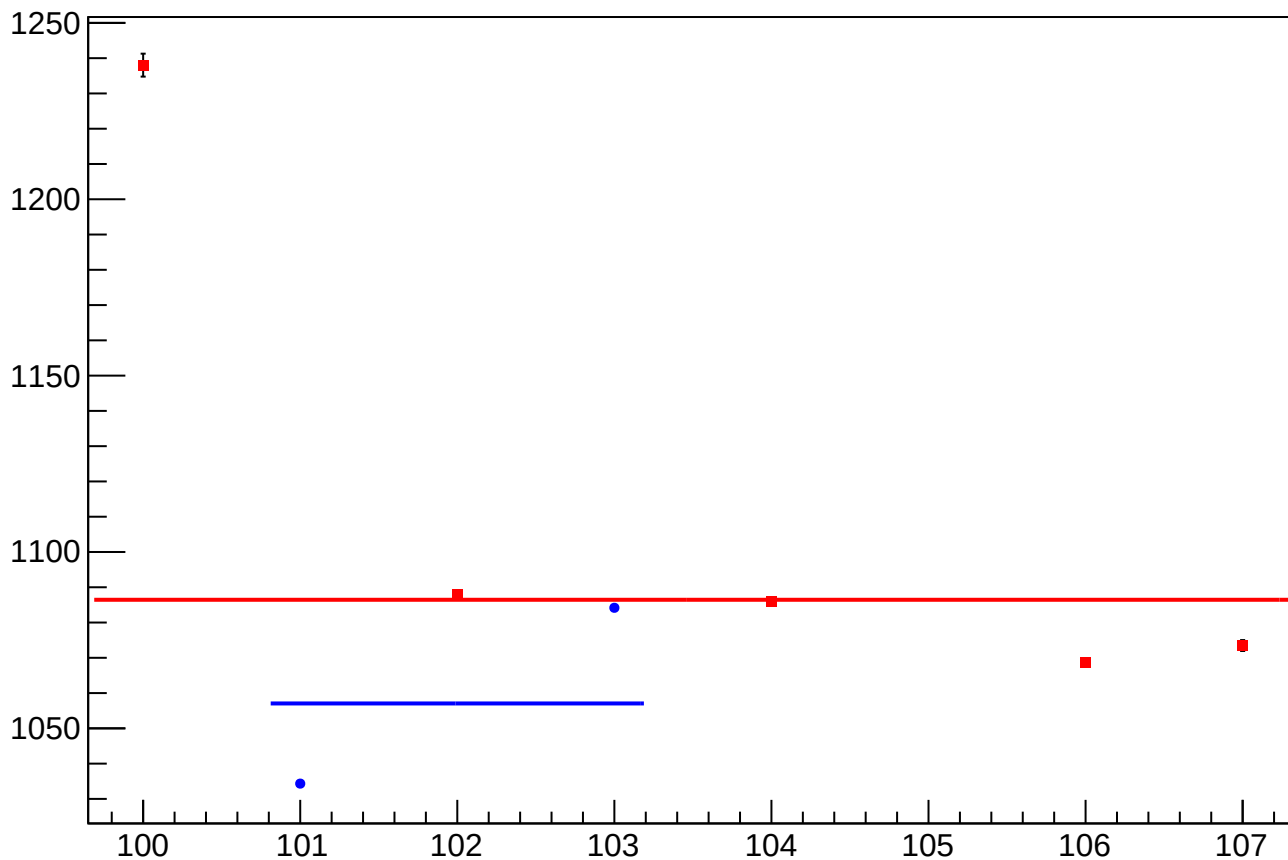
Right: 1373.346+/-613.055 χ^2/NDF : 2.2/6

In: 1877.450+/-940.880 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1373.346+/-613.055 χ^2/NDF : 2.2/6

reg_asym_usr_rms vs Slug, Sign Corrected



Right In: 1057.058 $\pm$ 0.665 χ^2 /NDF: 1392.5/1

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

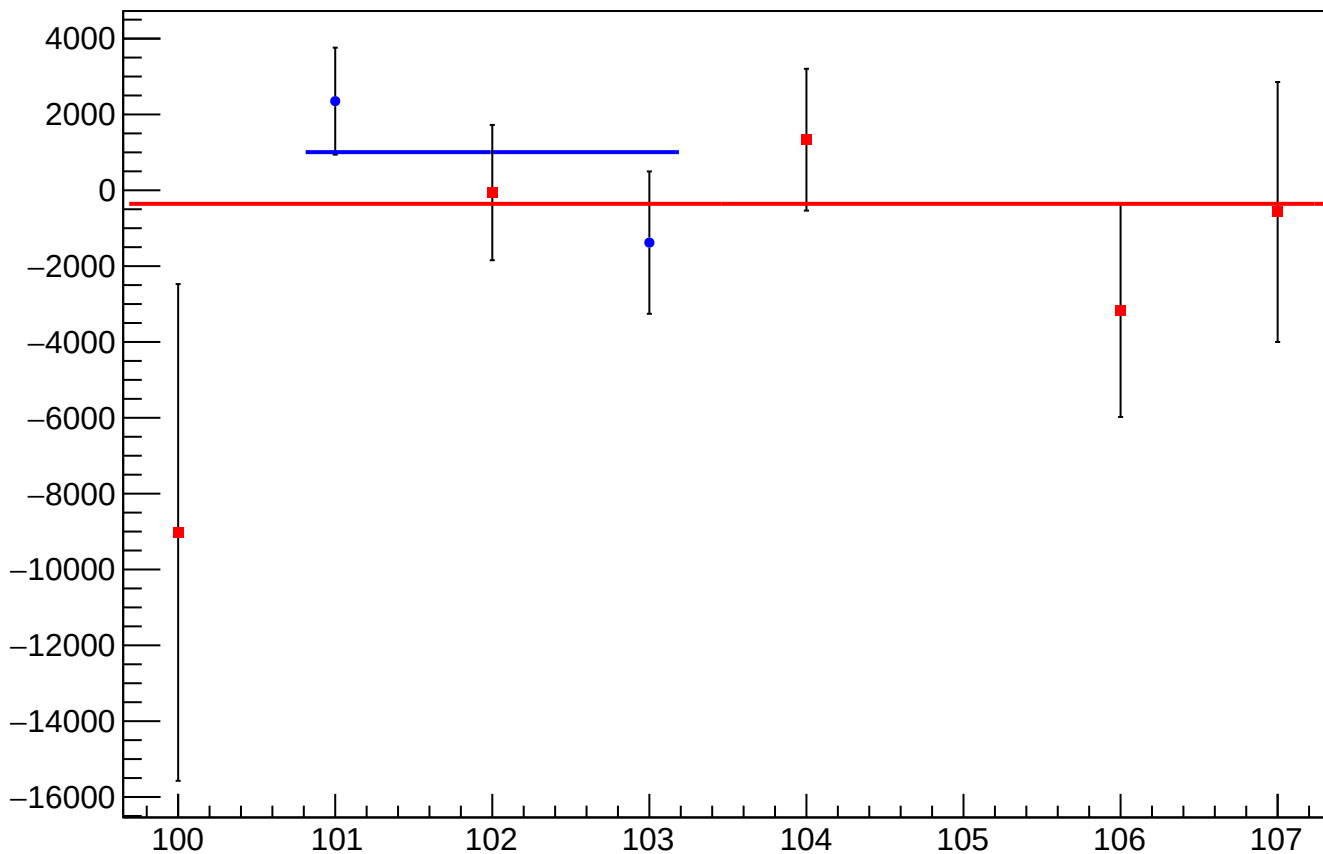
Right: 1073.973 $\pm$ 0.433 χ^2 /NDF: 4943.4/6

In: 1057.058 $\pm$ 0.665 χ^2 /NDF: 1392.5/1

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

All: 1073.973 $\pm$ 0.433 χ^2 /NDF: 4943.4/6

asym_usr_reg_correction_mean vs Slug, Sign Corrected



Right In: 1006.007 $\pm$ 1127.238 χ^2 /NDF: 2.5/1

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

Right Out: -357.090 $\pm$ 1094.130 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

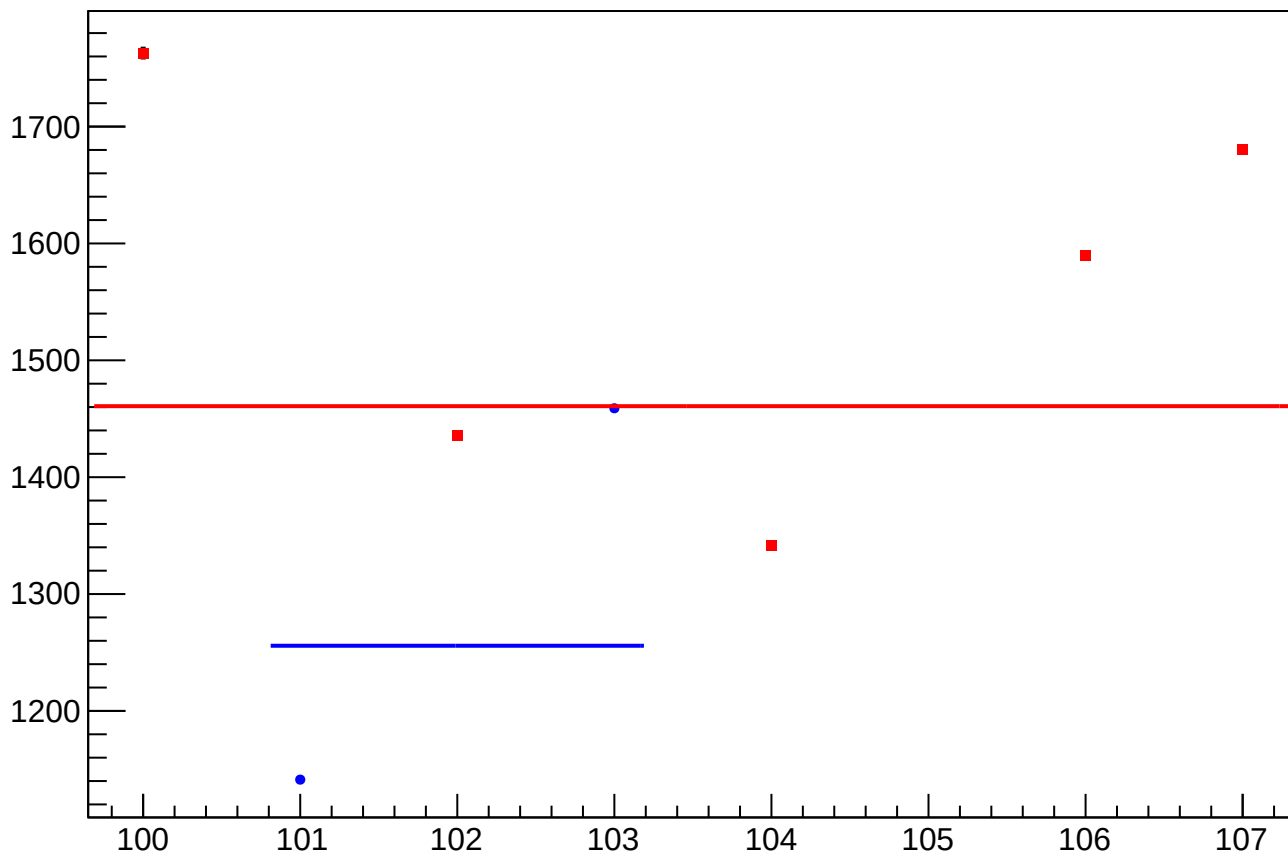
Right: 304.147 $\pm$ 785.110 χ^2 /NDF: 6.9/6

In: 1006.007 $\pm$ 1127.238 χ^2 /NDF: 2.5/1

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

All: 304.147 $\pm$ 785.110 χ^2 /NDF: 6.9/6

asym_usr_reg_correction_rms vs Slug, Sign Corrected



Right In: 1255.776 $\pm$ 0.797 χ^2 /NDF: 36642.4/1

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

Right Out: 1460.769 $\pm$ 0.774 χ^2 /NDF: 25223.6/4

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

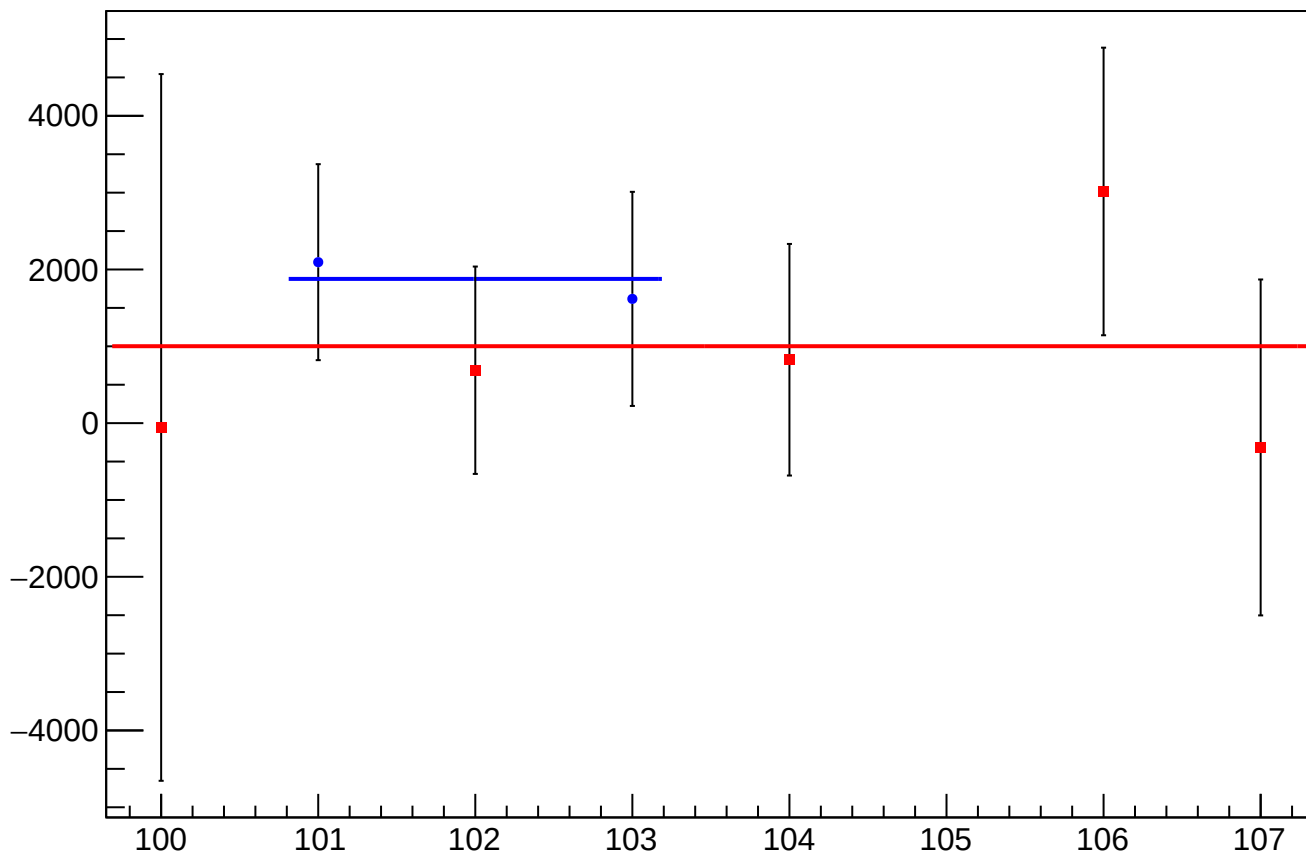
Right: 1361.327 $\pm$ 0.555 χ^2 /NDF: 95922.7/6

In: 1255.776 $\pm$ 0.797 χ^2 /NDF: 36642.4/1

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

All: 1361.327 $\pm$ 0.555 χ^2 /NDF: 95922.7/6

cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 1877.450+/-940.880 χ^2/NDF : 0.1/1

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

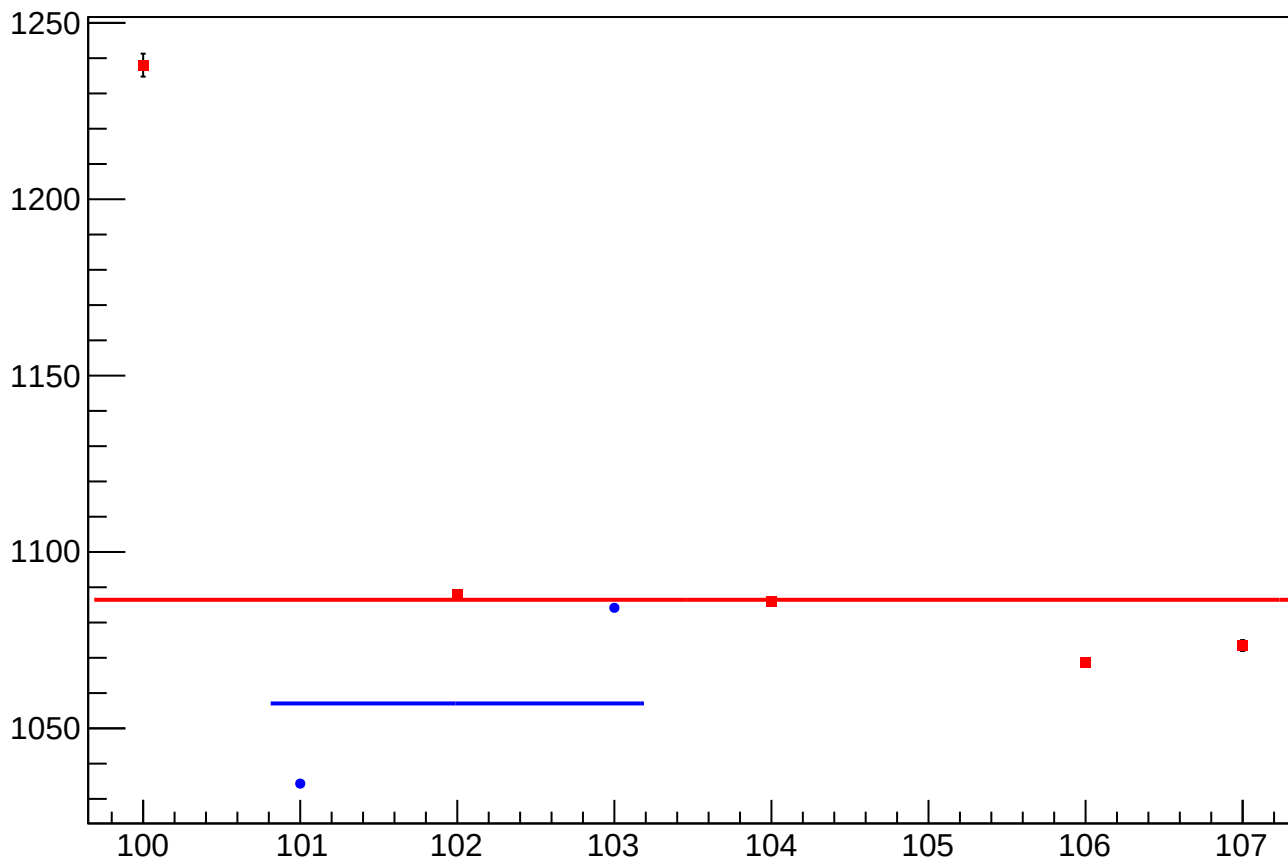
Right: 1373.346+/-613.055 χ^2/NDF : 2.2/6

In: 1877.450+/-940.880 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1373.346+/-613.055 χ^2/NDF : 2.2/6

cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1057.058+/-0.665 χ^2/NDF : 1392.5/1

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

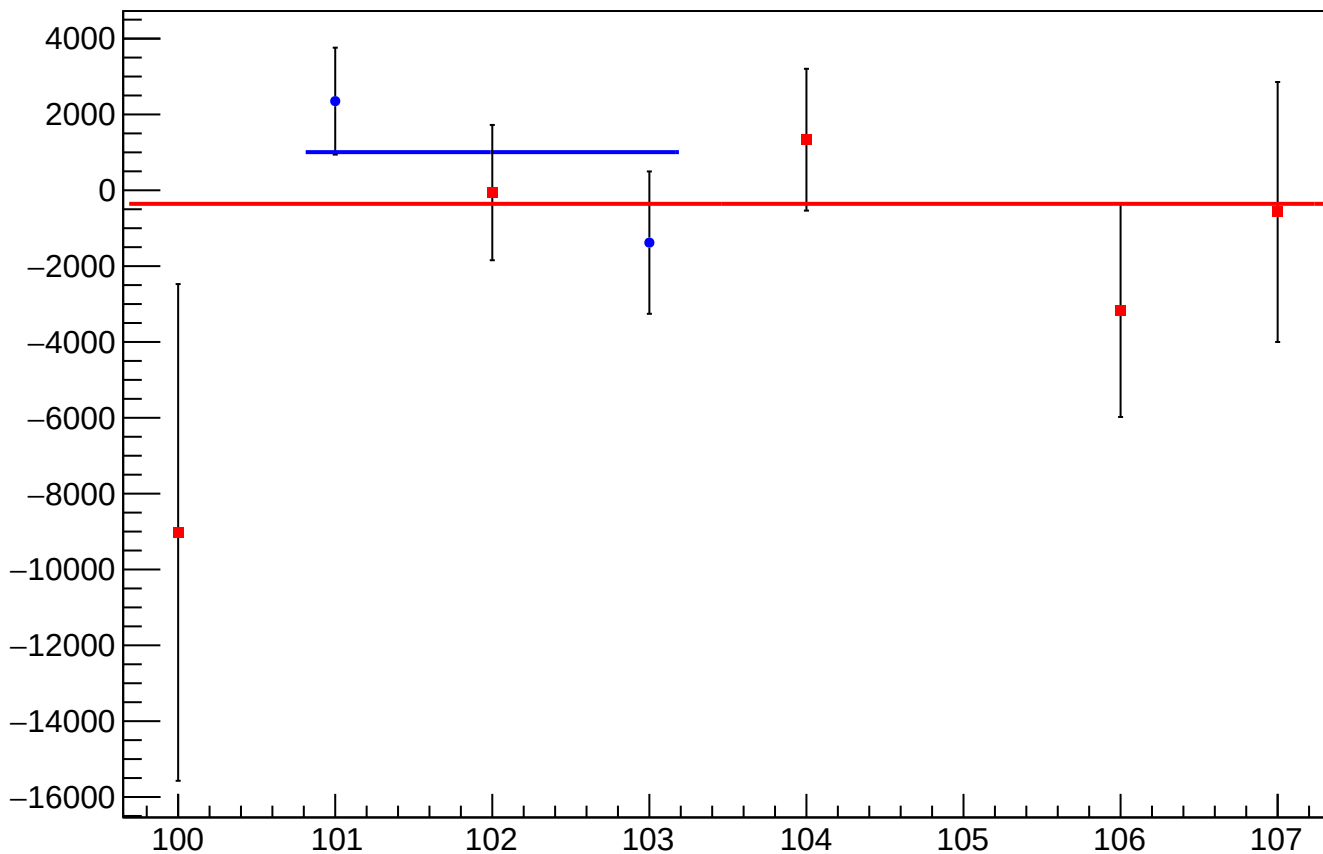
Right: 1073.973+/-0.433 χ^2/NDF : 4943.4/6

In: 1057.058+/-0.665 χ^2/NDF : 1392.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1073.973+/-0.433 χ^2/NDF : 4943.4/6

asym_usr_cor_correction_mean vs Slug, Sign Corrected



Right In: 1006.007 $\pm$ 1127.238 χ^2 /NDF: 2.5/1

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

Right Out: -357.090 $\pm$ 1094.130 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

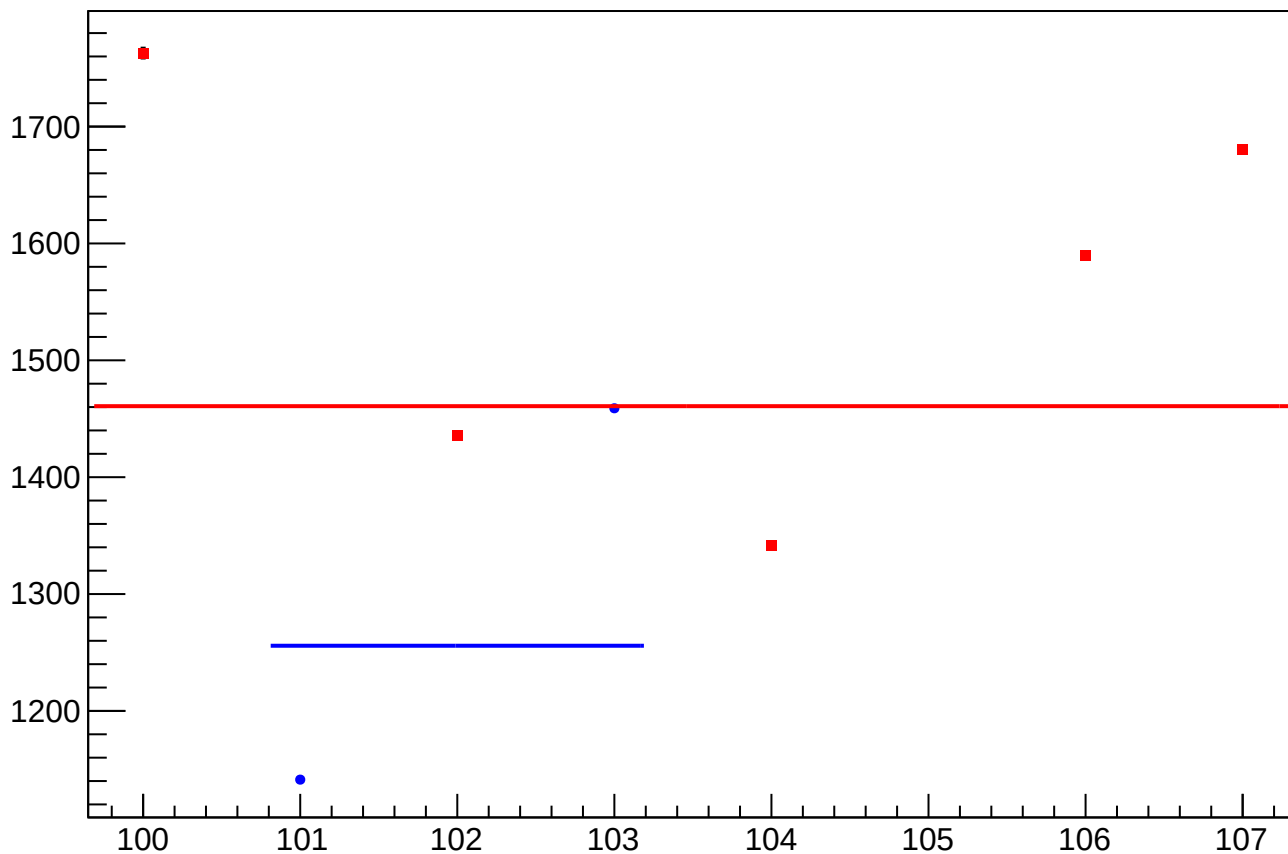
Right: 304.147 $\pm$ 785.110 χ^2 /NDF: 6.9/6

In: 1006.007 $\pm$ 1127.238 χ^2 /NDF: 2.5/1

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

All: 304.147 $\pm$ 785.110 χ^2 /NDF: 6.9/6

asym_usr_cor_correction_rms vs Slug, Sign Corrected



Right In: 1255.776 $\pm$ 0.797 χ^2 /NDF: 36642.4/1

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

Right Out: 1460.769 $\pm$ 0.774 χ^2 /NDF: 25223.6/4

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

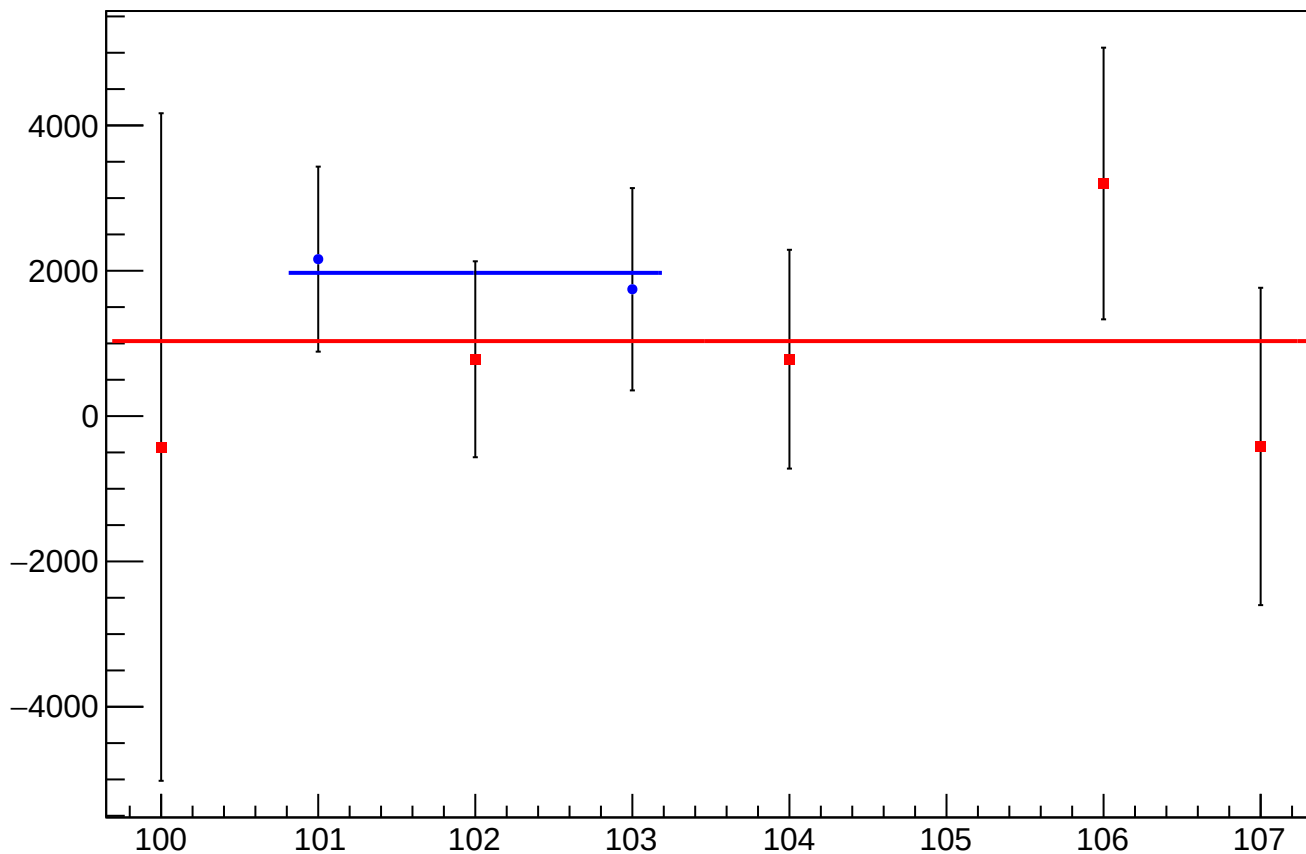
Right: 1361.327 $\pm$ 0.555 χ^2 /NDF: 95922.7/6

In: 1255.776 $\pm$ 0.797 χ^2 /NDF: 36642.4/1

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

All: 1361.327 $\pm$ 0.555 χ^2 /NDF: 95922.7/6

overload_cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 1971.300+/-939.435 χ^2/NDF : 0.0/1

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

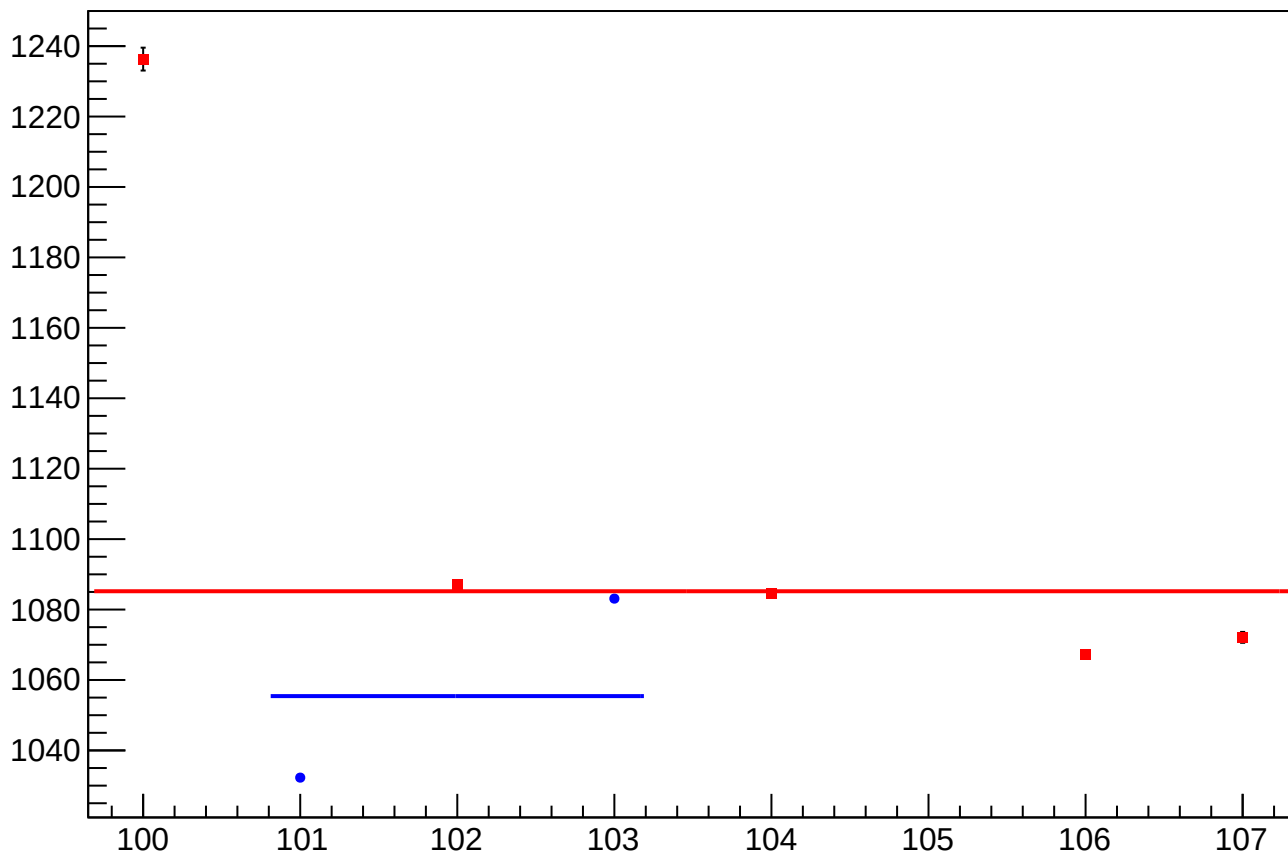
Right: 1431.049+/-612.249 χ^2/NDF : 2.6/6

In: 1971.300+/-939.435 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1431.049+/-612.249 χ^2/NDF : 2.6/6

overload_cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1055.423+/-0.664 χ^2/NDF : 1452.3/1

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

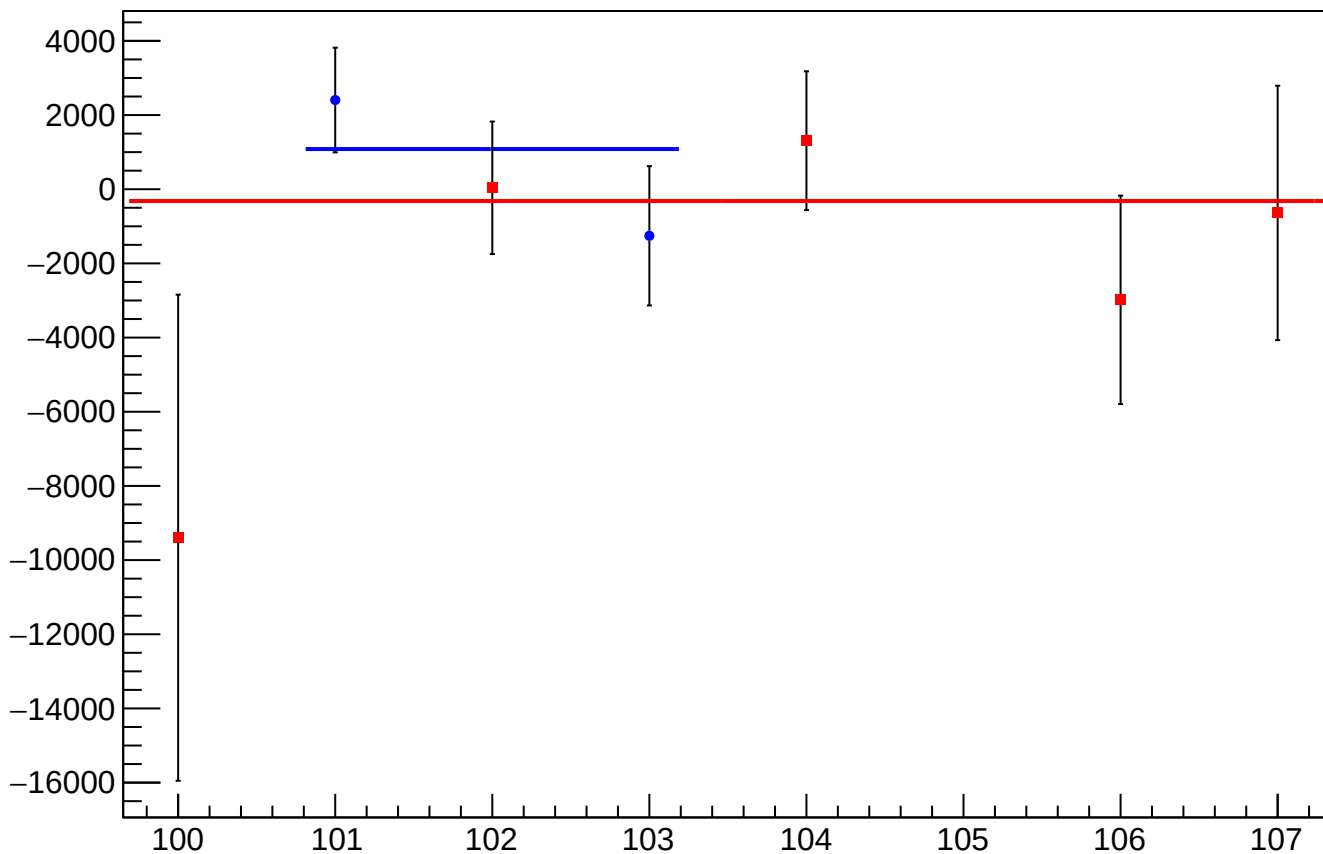
Right: 1072.552+/-0.433 χ^2/NDF : 5035.4/6

In: 1055.423+/-0.664 χ^2/NDF : 1452.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1072.552+/-0.433 χ^2/NDF : 5035.4/6

asym_usr_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 1083.254 $\pm$ 1128.653 χ^2 /NDF: 2.4/1

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

Right Out: -317.711 $\pm$ 1094.832 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

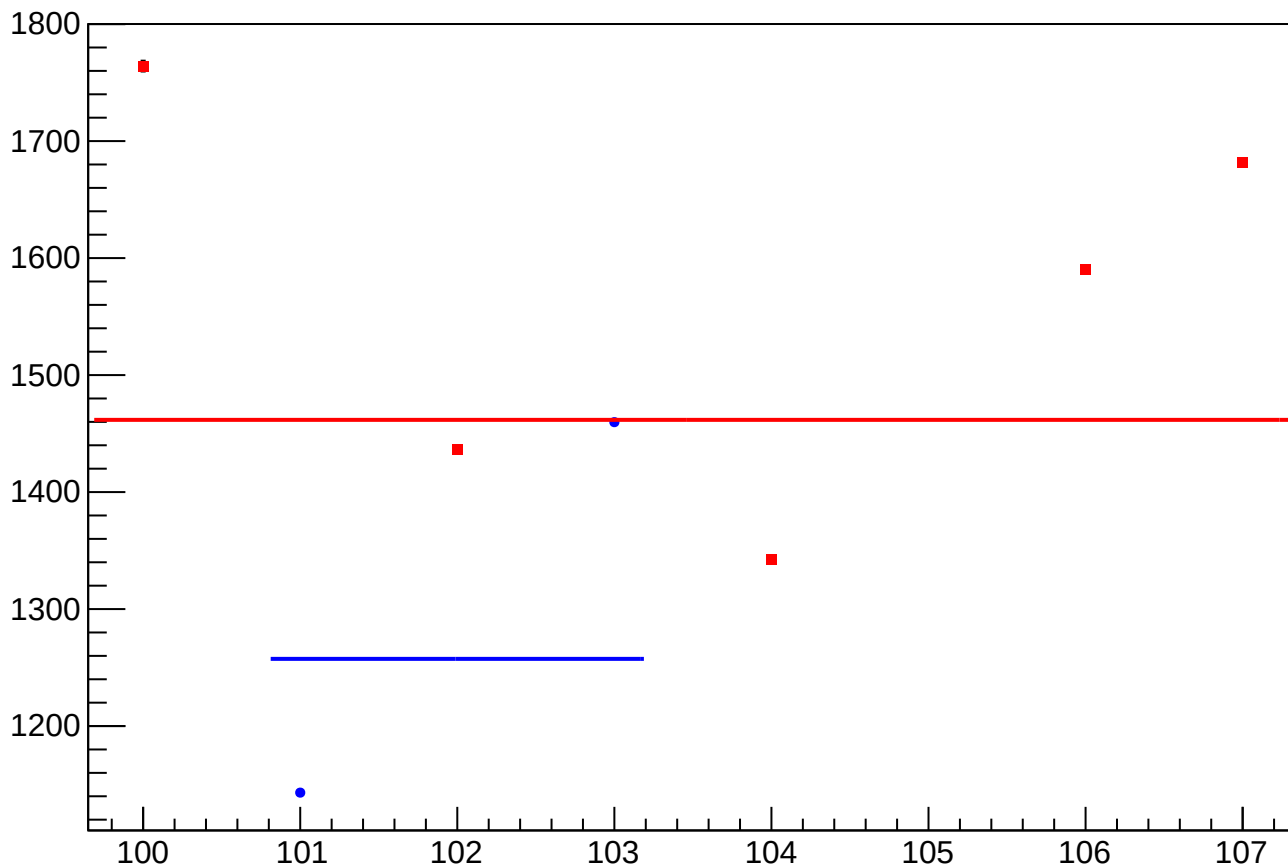
Right: 361.467 $\pm$ 785.848 χ^2 /NDF: 6.8/6

In: 1083.254 $\pm$ 1128.653 χ^2 /NDF:2.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 361.467 $\pm$ 785.848 χ^2 /NDF: 6.8/6

asym_usr_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 1257.441+/-0.798 χ^2/NDF : 36318.8/1

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

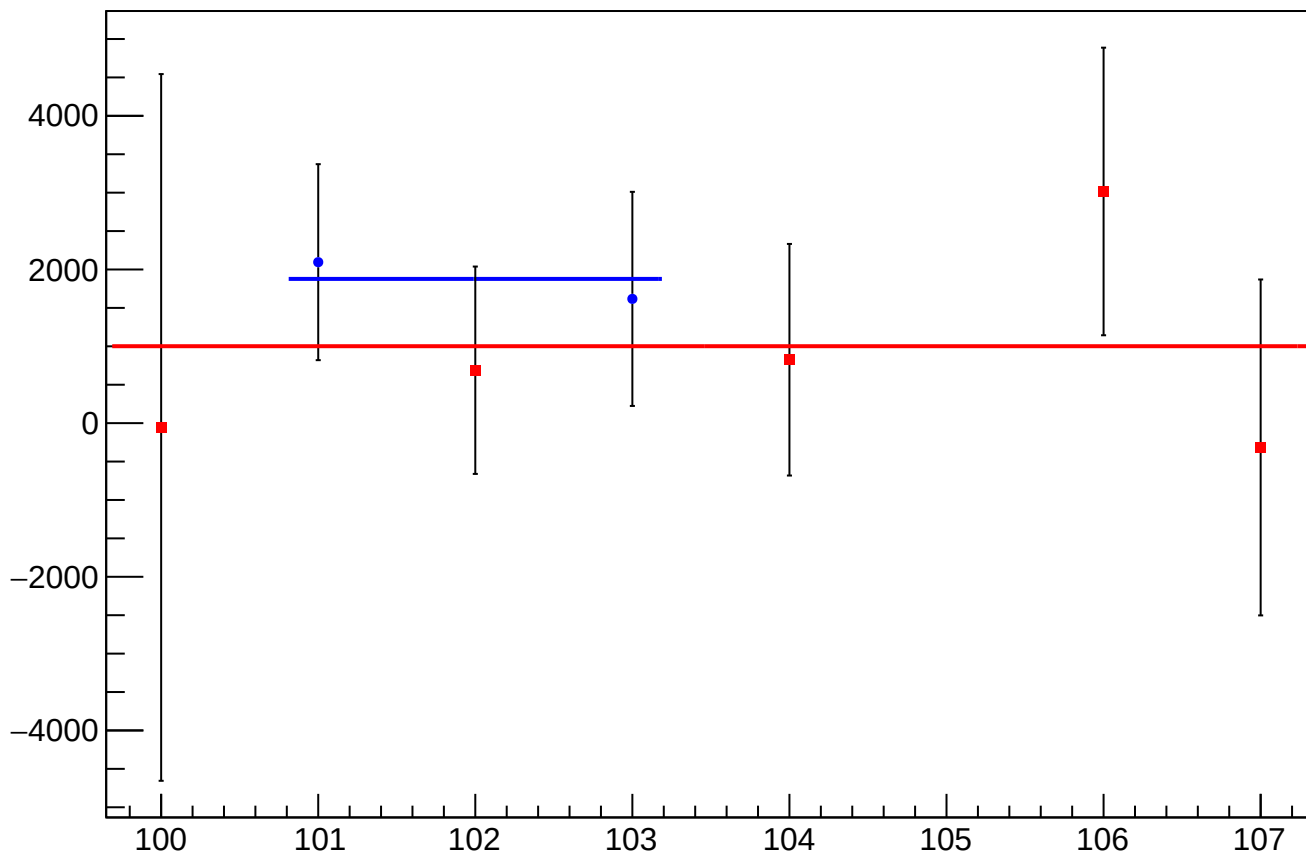
Right: 1362.690+/-0.556 χ^2/NDF : 95254.2/6

In: 1257.441+/-0.798 χ^2/NDF : 36318.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1362.690+/-0.556 χ^2/NDF : 95254.2/6

eigen_cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 1877.450+/-940.880 χ^2/NDF : 0.1/1

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

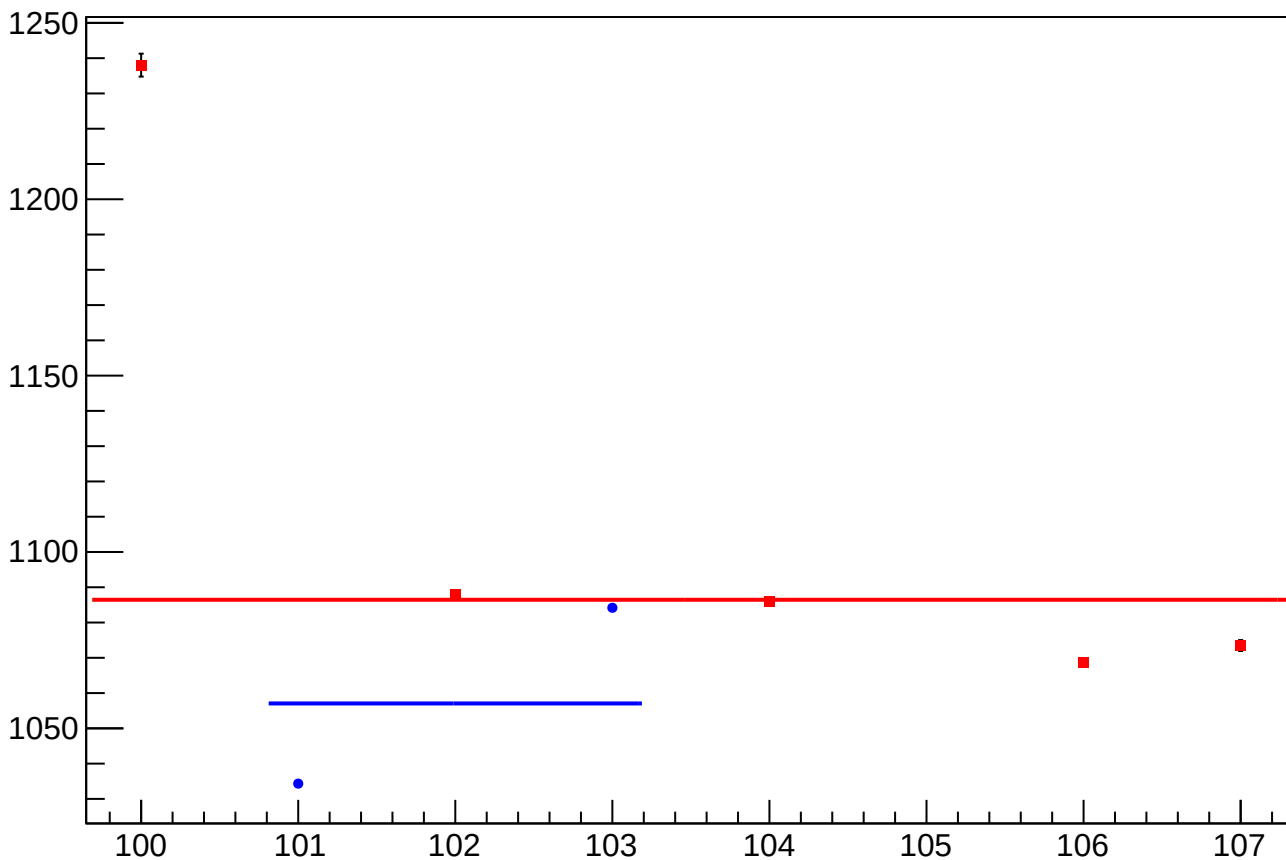
Right: 1373.346+/-613.055 χ^2/NDF : 2.2/6

In: 1877.450+/-940.880 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1373.346+/-613.055 χ^2/NDF : 2.2/6

eigen_cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1057.058+/-0.665 χ^2/NDF : 1392.5/1

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

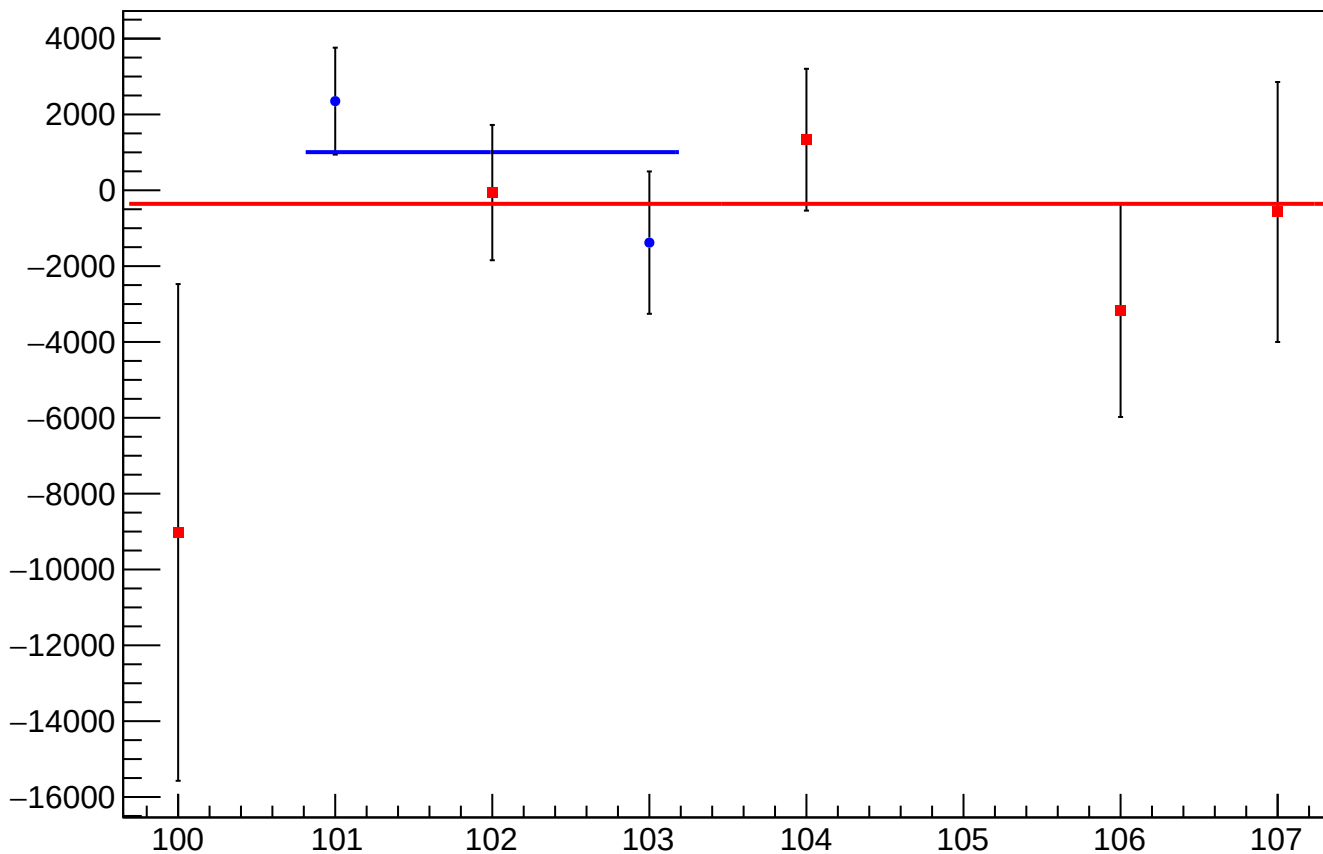
Right: 1073.973+/-0.433 χ^2/NDF : 4943.4/6

In: 1057.058+/-0.665 χ^2/NDF : 1392.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1073.973+/-0.433 χ^2/NDF : 4943.4/6

asym_usr_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1006.007 $\pm$ 1127.238 χ^2 /NDF: 2.5/1

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

Right Out: -357.090 $\pm$ 1094.130 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

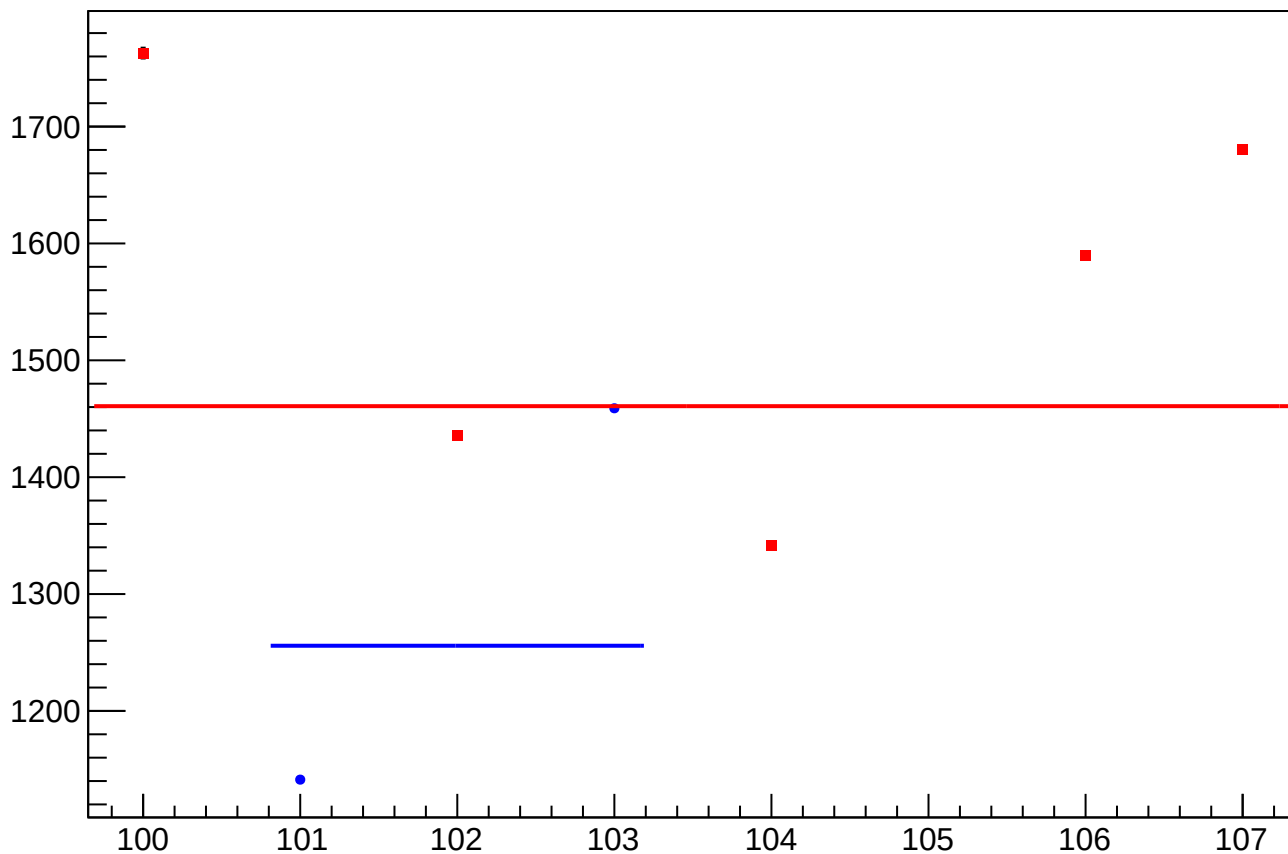
Right: 304.147 $\pm$ 785.110 χ^2 /NDF: 6.9/6

In: 1006.007 $\pm$ 1127.238 χ^2 /NDF:2.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 304.147 $\pm$ 785.110 χ^2 /NDF: 6.9/6

asym_usr_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1255.776 $\pm$ 0.797 χ^2 /NDF: 36642.4/1

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

Right Out: 1460.769 $\pm$ 0.774 χ^2 /NDF: 25223.6/4

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

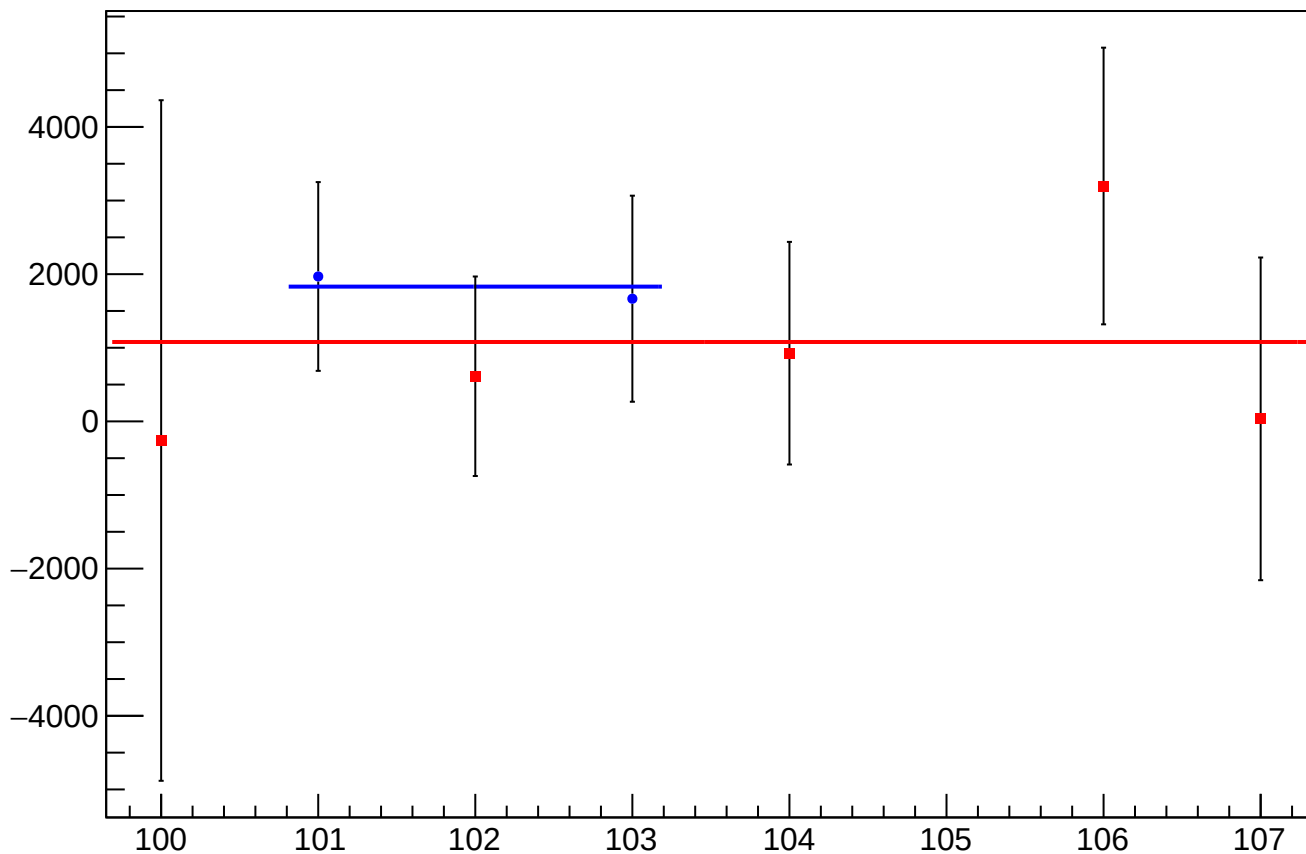
Right: 1361.327 $\pm$ 0.555 χ^2 /NDF: 95922.7/6

In: 1255.776 $\pm$ 0.797 χ^2 /NDF: 36642.4/1

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

All: 1361.327 $\pm$ 0.555 χ^2 /NDF: 95922.7/6

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 1830.761 $\pm$ 945.448 χ^2 /NDF: 0.0/1

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

Right Out: 1078.527 $\pm$ 811.128 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

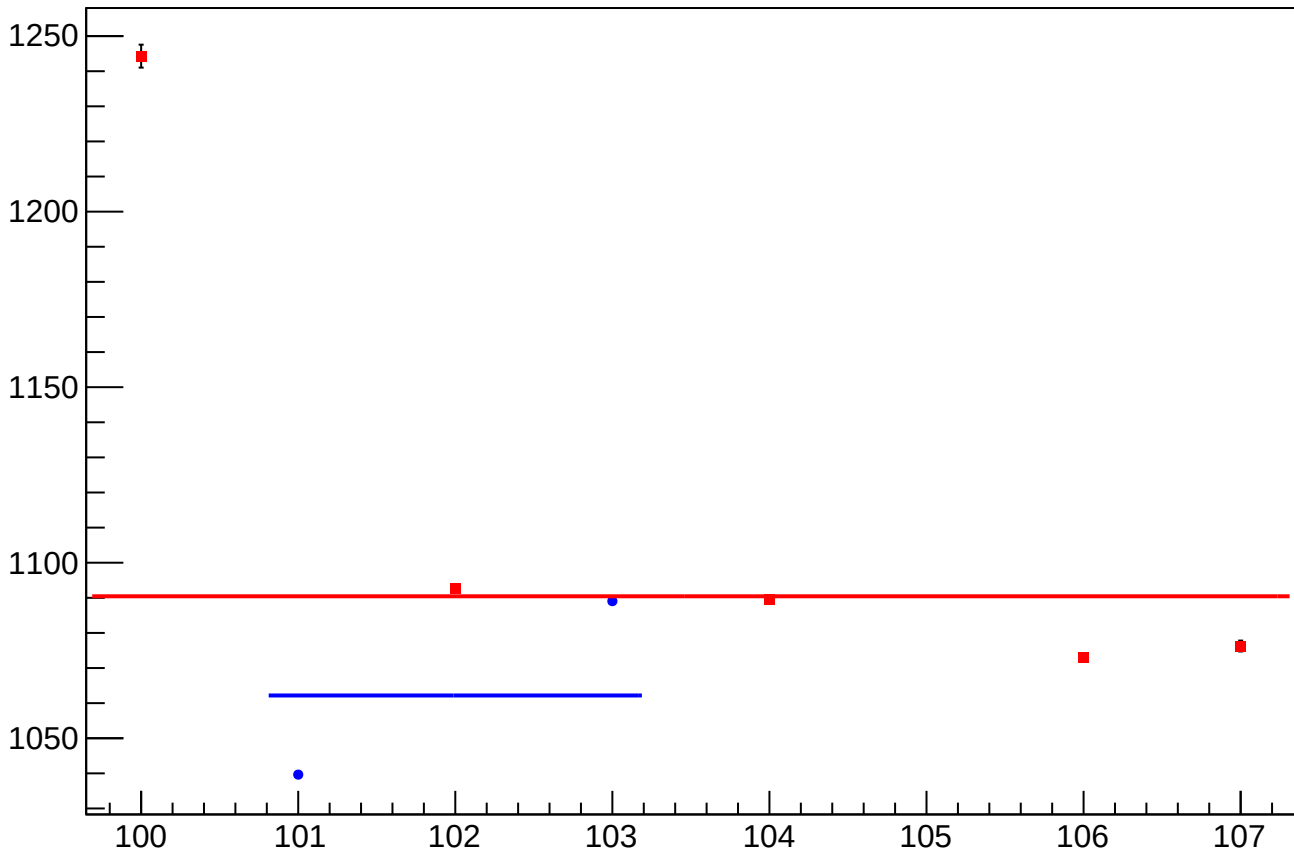
Right: 1397.457 $\pm$ 615.615 χ^2 /NDF: 2.1/6

In: 1830.761 $\pm$ 945.448 χ^2 /NDF: 0.0/1

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

All: 1397.457 $\pm$ 615.615 χ^2 /NDF: 2.1/6

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1062.185 $\pm$ 0.669 χ^2 /NDF: 1355.4/1

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

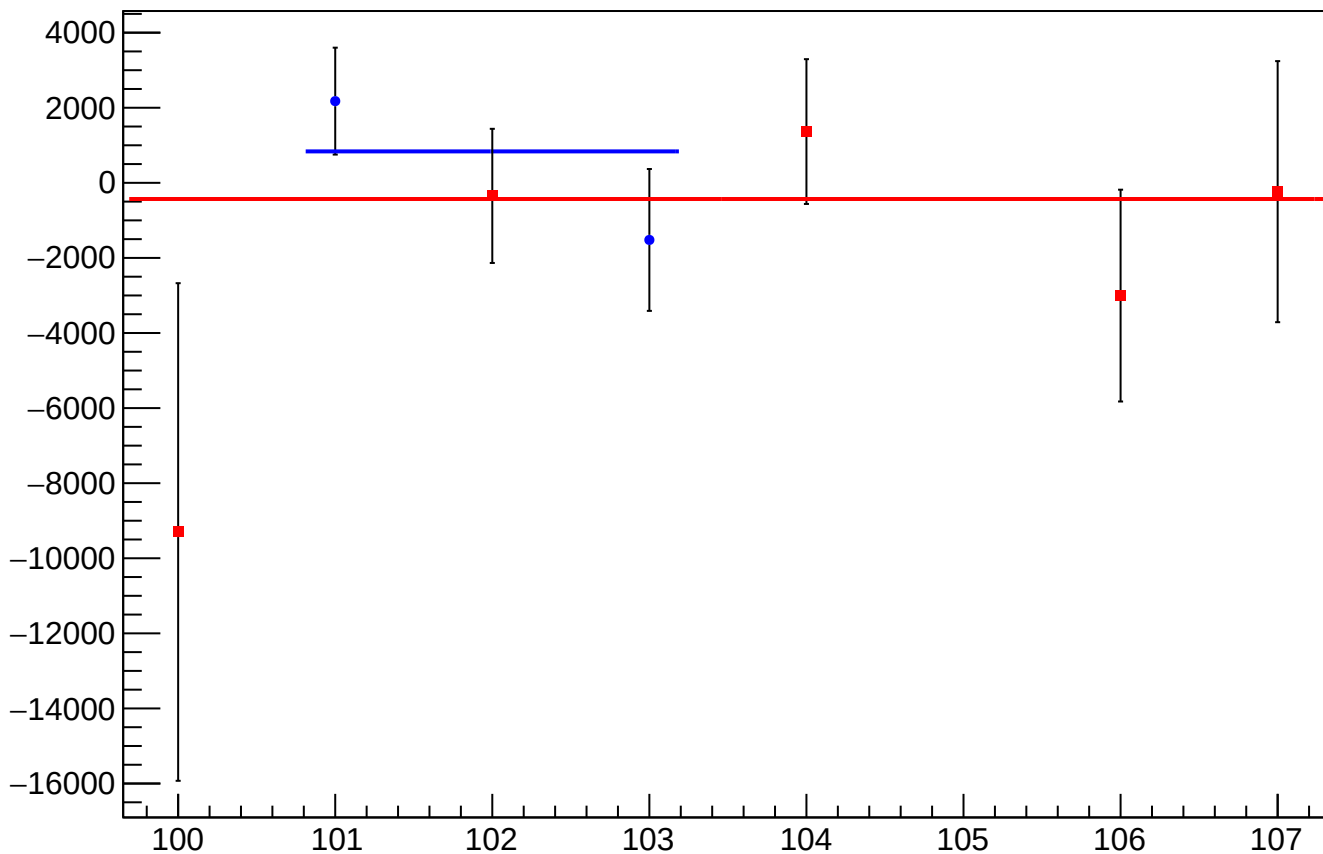
Right: 1078.459 $\pm$ 0.435 χ^2 /NDF: 4862.7/6

In: 1062.185 $\pm$ 0.669 χ^2 /NDF: 1355.4/1

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

All: 1078.459 $\pm$ 0.435 χ^2 /NDF: 4862.7/6

asym_usr_dit_correction_mean vs Slug, Sign Corrected



Right In: 837.452 $\pm$ 1137.032 χ^2 /NDF: 2.4/1

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

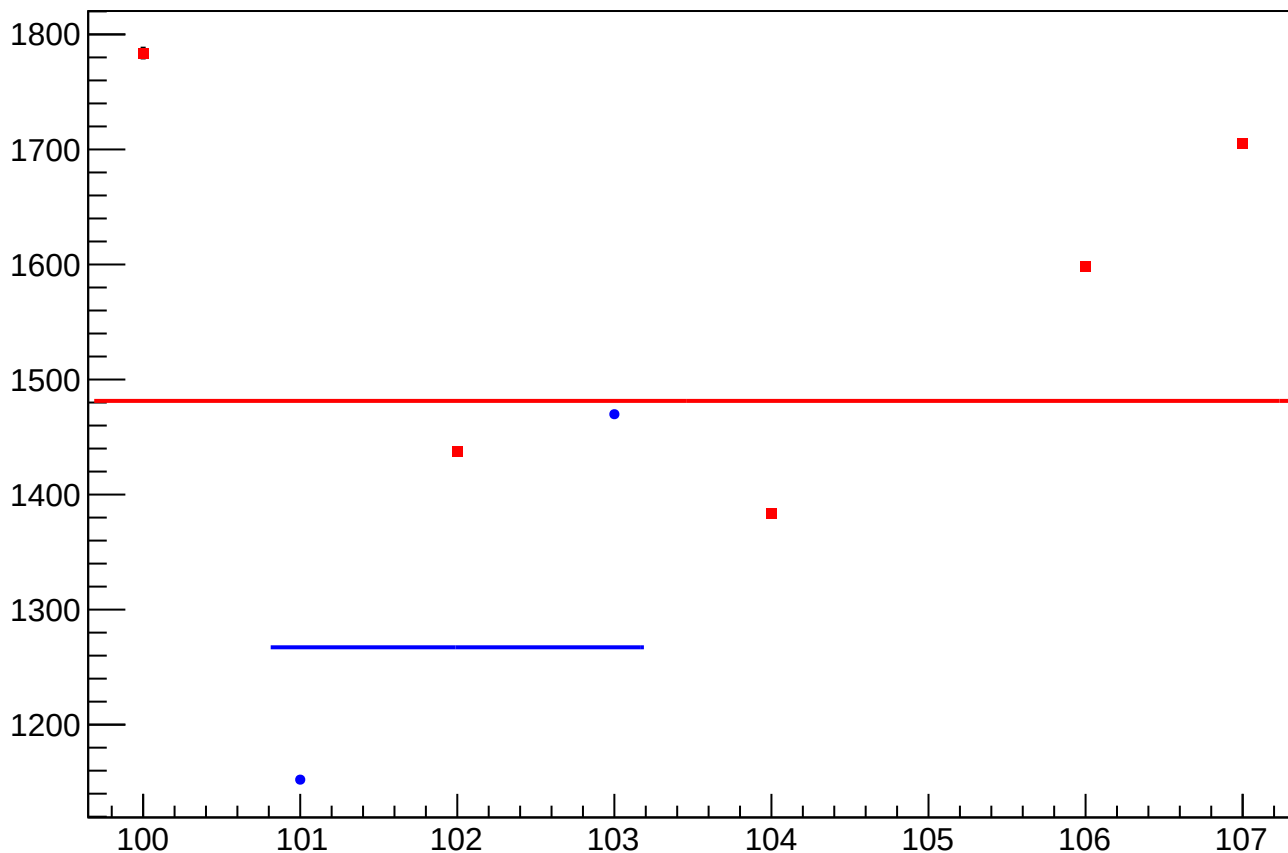
Right: 187.436 $\pm$ 793.825 χ^2 /NDF: 6.6/6

In: 837.452 $\pm$ 1137.032 χ^2 /NDF: 2.4/1

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

All: 187.436 $\pm$ 793.825 χ^2 /NDF: 6.6/6

asym_usr_dit_correction_rms vs Slug, Sign Corrected



Right In: 1267.243+/-0.804 χ^2/NDF : 36059.5/1

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

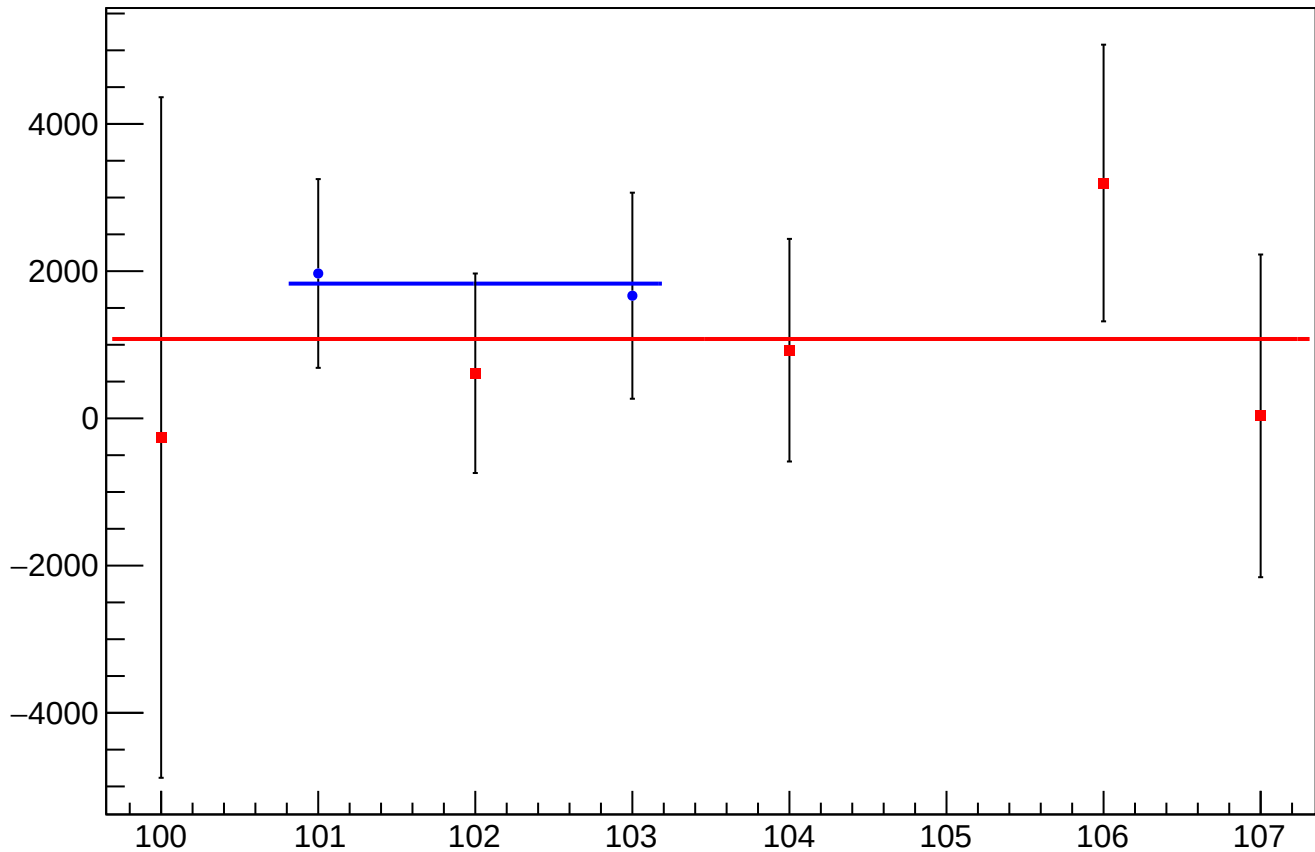
Right: 1377.029+/-0.561 χ^2/NDF : 94610.6/6

In: 1267.243+/-0.804 χ^2/NDF : 36059.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1377.029+/-0.561 χ^2/NDF : 94610.6/6

eigen_dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 1830.756 +/- 945.448 χ^2/NDF : 0.0/1

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

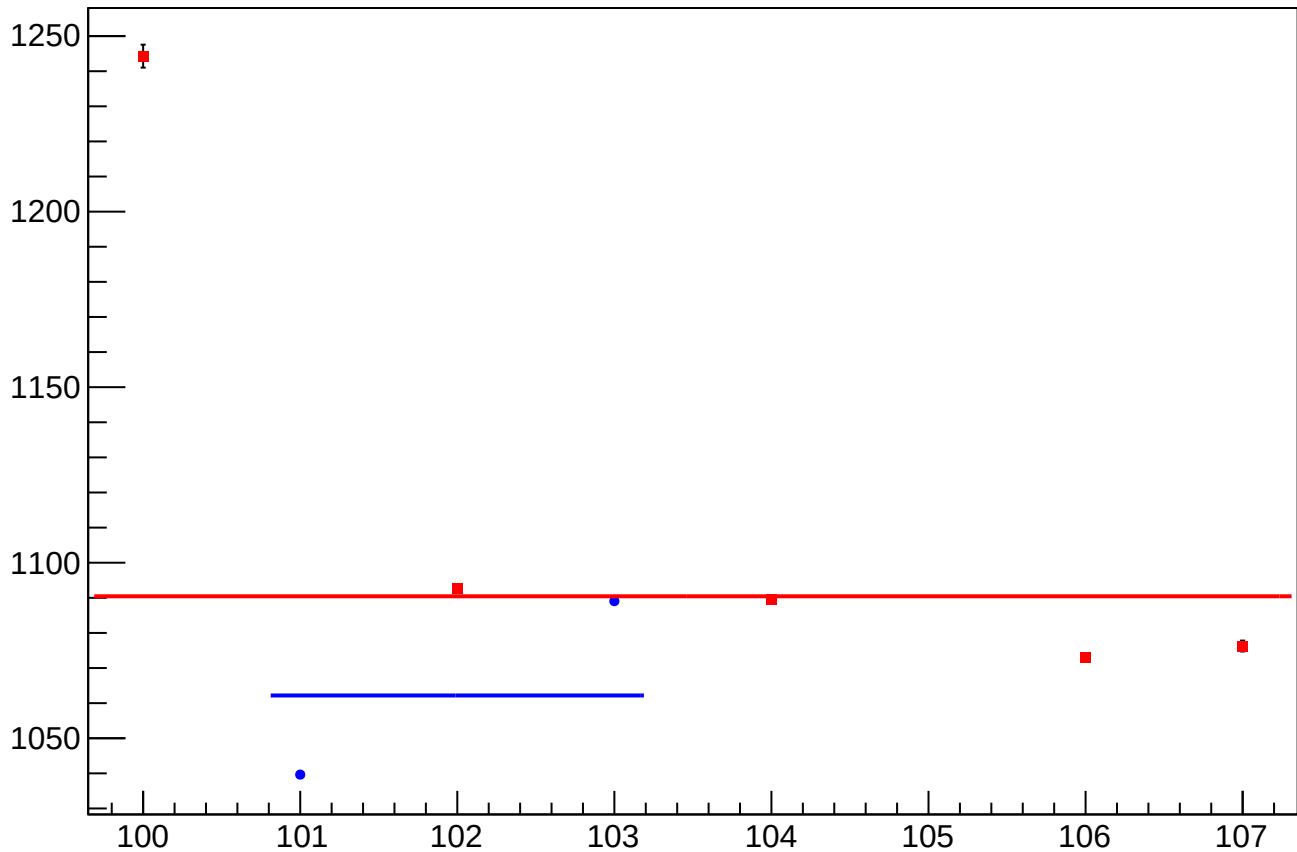
Right: 1397.452 +/- 615.615 χ^2/NDF : 2.1/6

In: 1830.756 +/- 945.448 χ^2/NDF : 0.0/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 1397.452 +/- 615.615 χ^2/NDF : 2.1/6

eigen_dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1062.185 ± 0.669 $\chi^2/\text{NDF}: 1355.4/1$

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

Right Out: 1090.437 ± 0.574 $\chi^2/\text{NDF}: 2478.6/4$

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

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

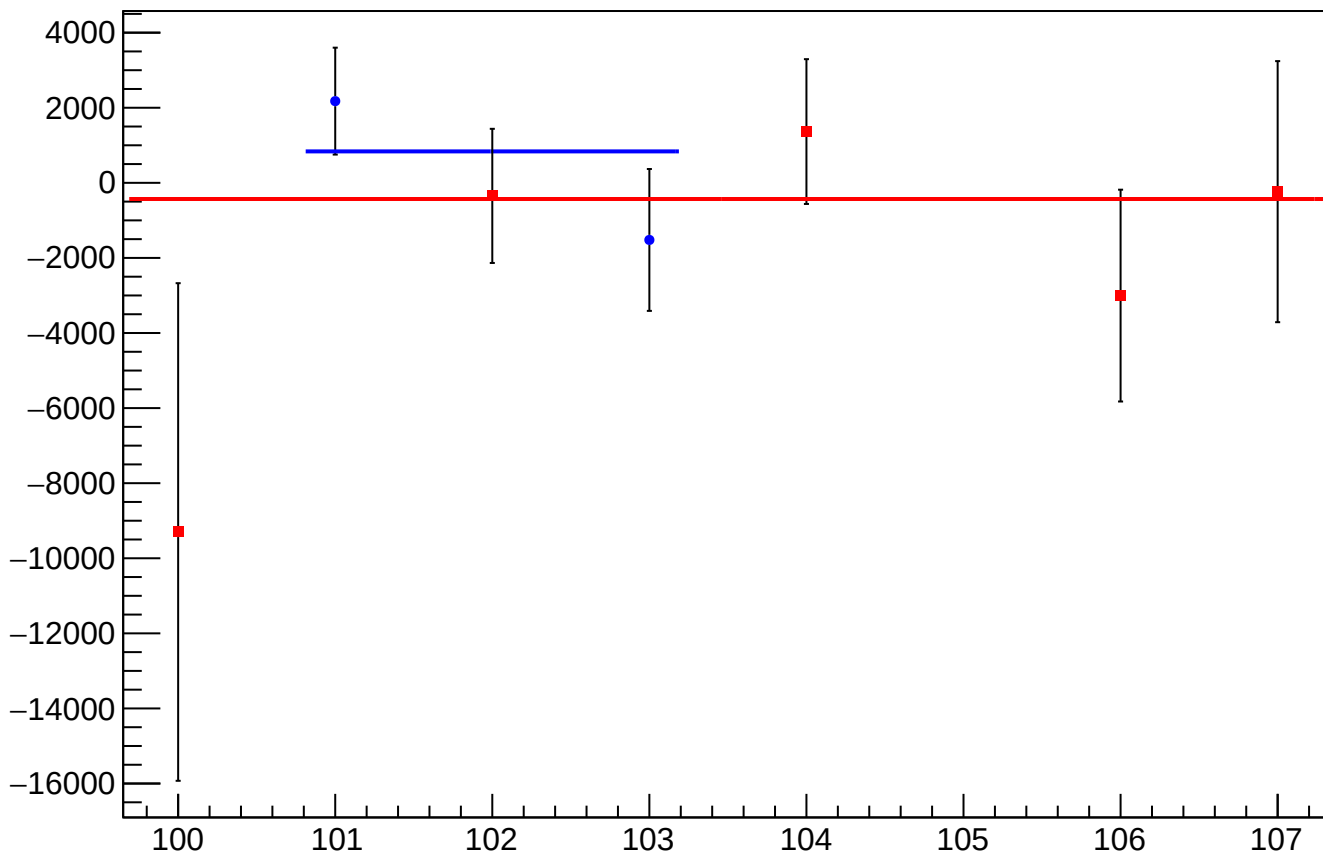
Right: 1078.459 ± 0.435 $\chi^2/\text{NDF}: 4862.7/6$

In: 1062.185 ± 0.669 $\chi^2/\text{NDF}: 1355.4/1$

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

All: 1078.459 ± 0.435 $\chi^2/\text{NDF}: 4862.7/6$

asym_usr_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 837.454 $\pm$ 1137.033 χ^2 /NDF: 2.4/1

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

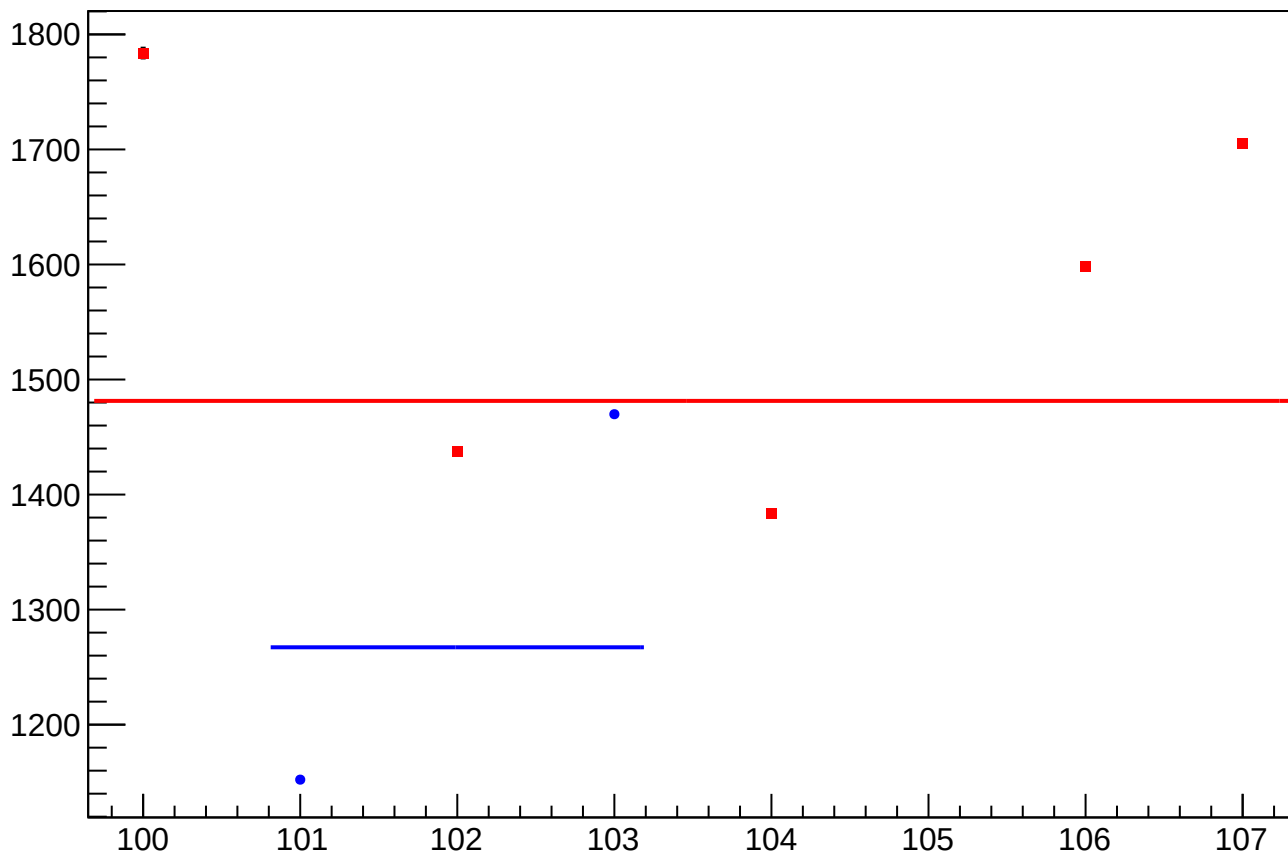
Right: 187.434 $\pm$ 793.827 χ^2 /NDF: 6.6/6

In: 837.454 $\pm$ 1137.033 χ^2 /NDF: 2.4/1

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

All: 187.434 $\pm$ 793.827 χ^2 /NDF: 6.6/6

asym_usr_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1267.243+/-0.804 χ^2/NDF : 36060.3/1

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

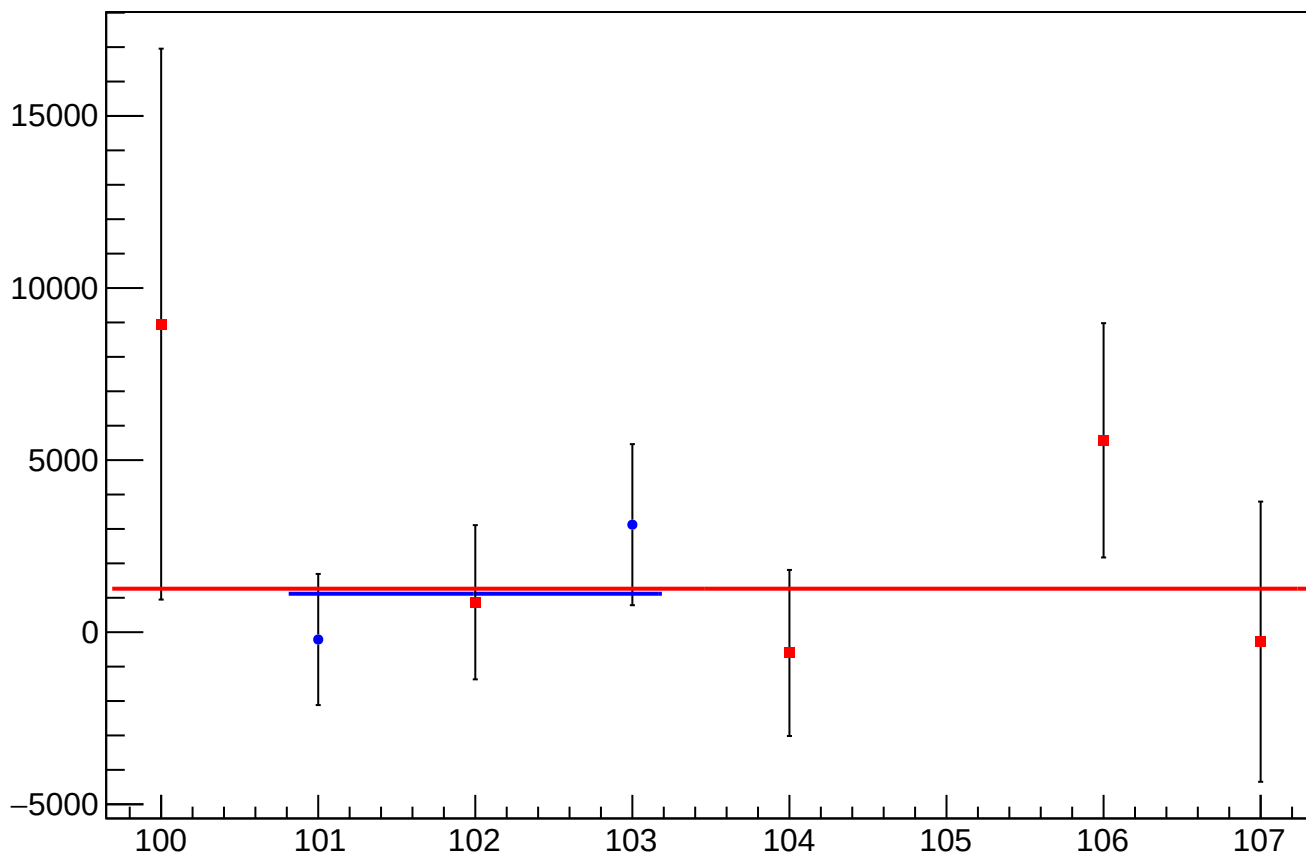
Right: 1377.031+/-0.561 χ^2/NDF : 94612.1/6

In: 1267.243+/-0.804 χ^2/NDF : 36060.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1377.031+/-0.561 χ^2/NDF : 94612.1/6

asym_usr_mean vs Slug, Sign Corrected



Right In: 1117.536+/-1477.549 χ^2/NDF : 1.2/1

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

Right Out: 1263.806+/-1369.380 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

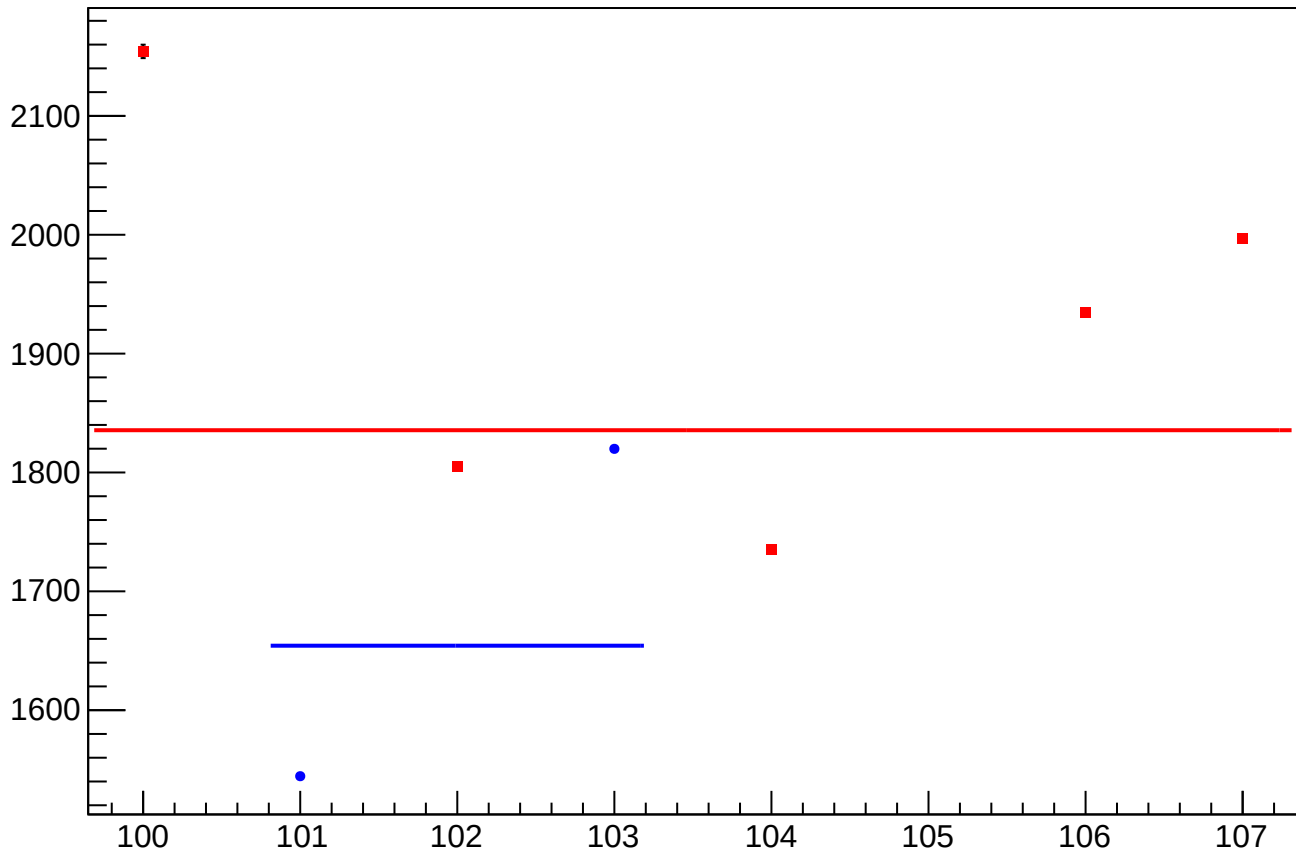
Right: 1196.220+/-1004.363 χ^2/NDF : 4.5/6

In: 1117.536+/-1477.549 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1196.220+/-1004.363 χ^2/NDF : 4.5/6

asym_usr_rms vs Slug, Sign Corrected



Right In: 1654.253+/-1.045 χ^2/NDF : 16659.8/1

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

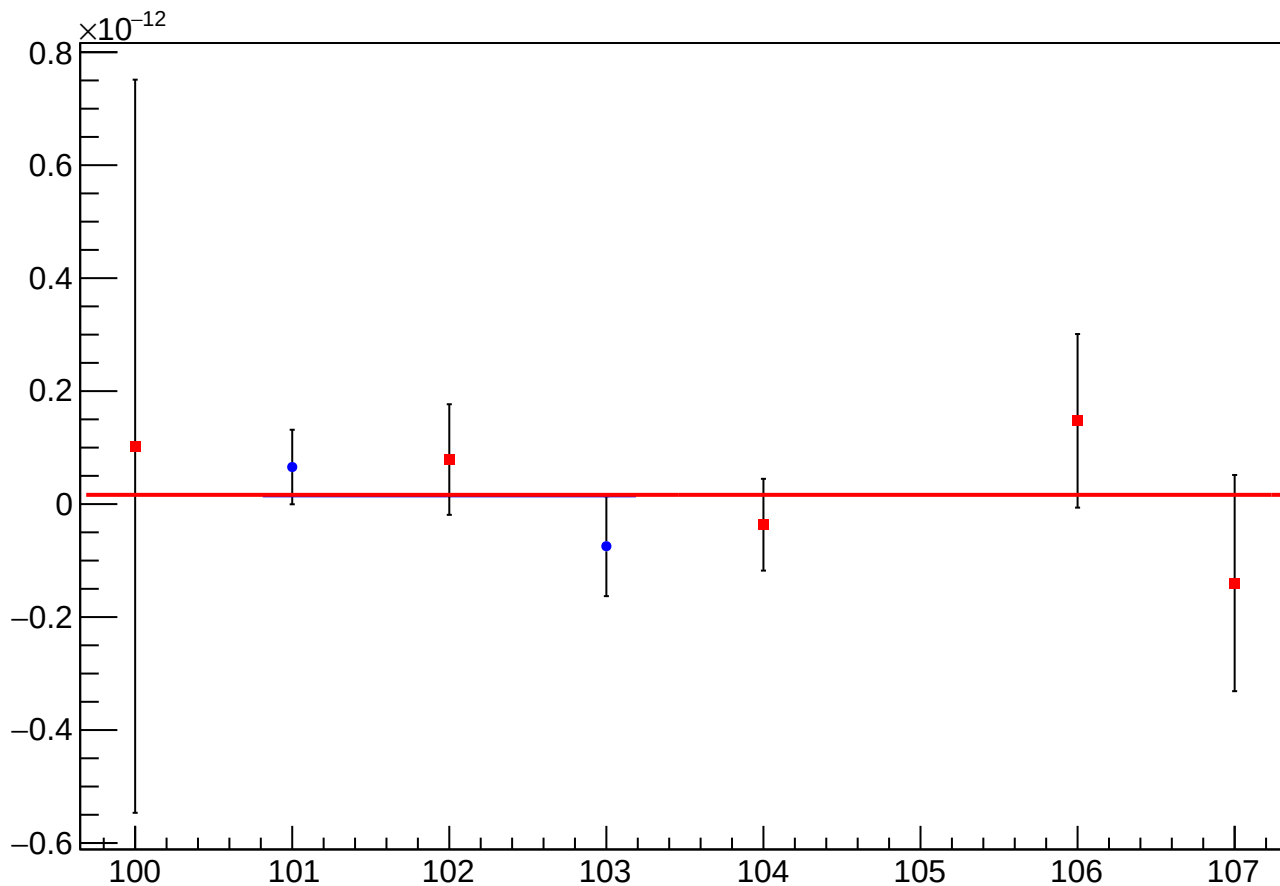
Right: 1751.782+/-0.710 χ^2/NDF : 44707.8/6

In: 1654.253+/-1.045 χ^2/NDF : 16659.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1751.782+/-0.710 χ^2/NDF : 44707.8/6

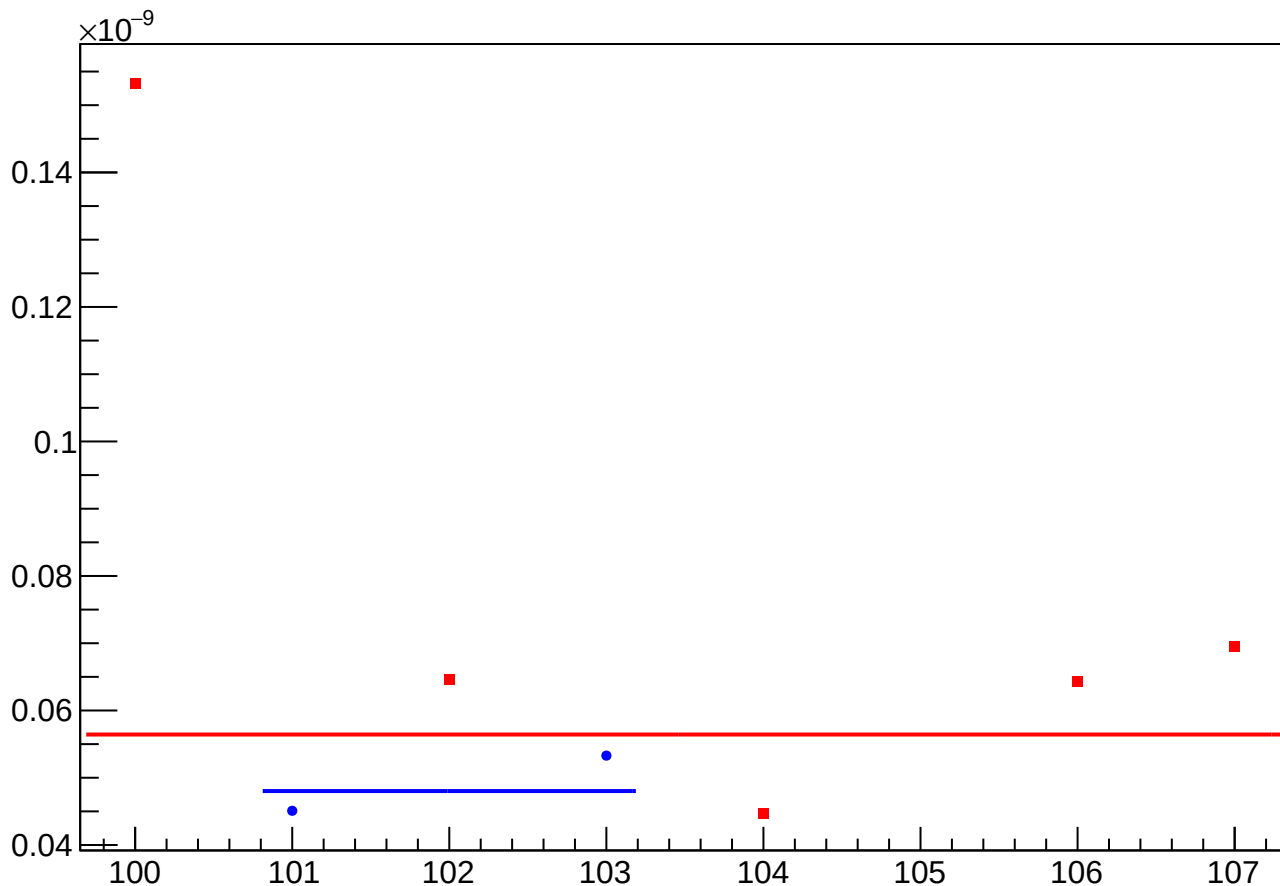
asym_usr_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.6/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 0.000 $\pm$ 0.000 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: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.9/6
 In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.6/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.9/6

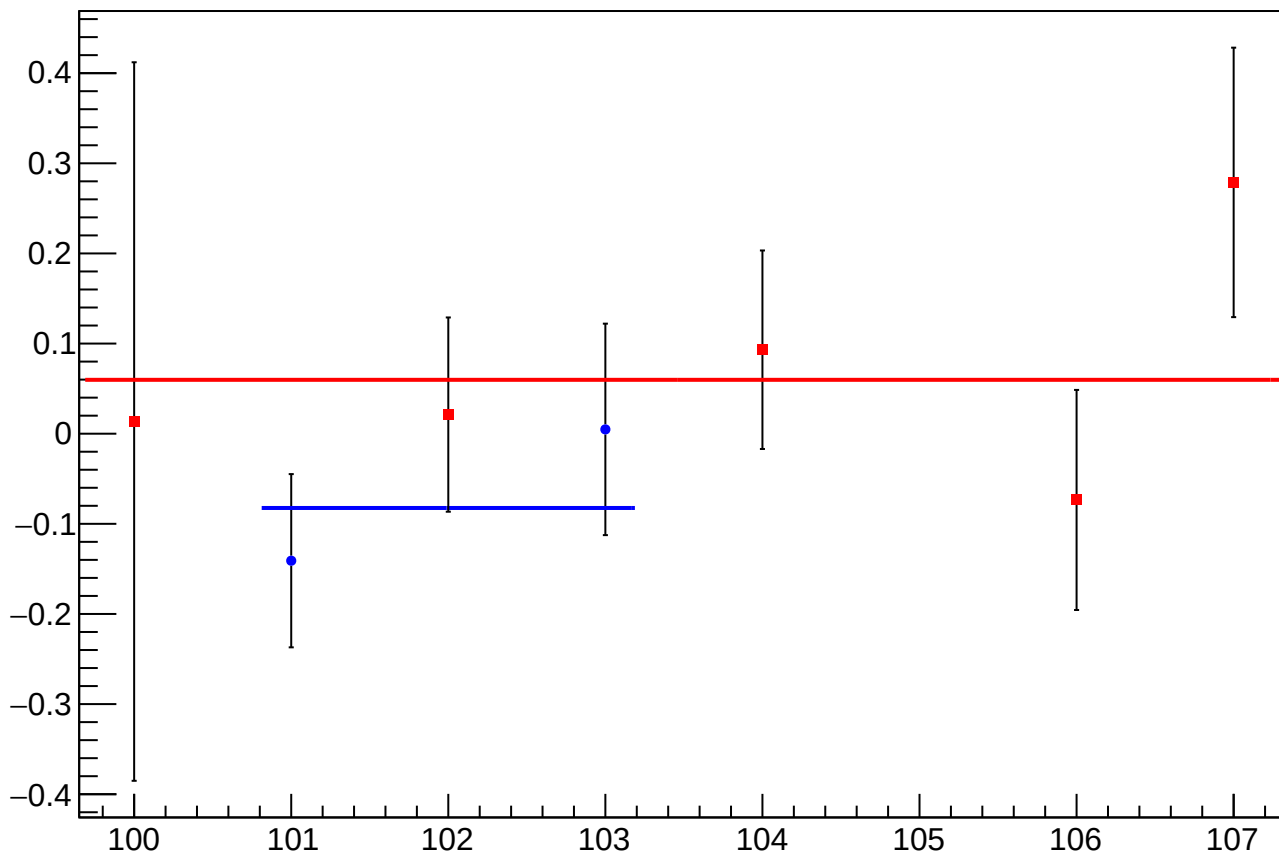
asym_usr_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11063.4/1
 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 : 150054.6/6
 In: 0.000+/-0.000 χ^2/NDF : 11063.4/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 150054.6/6

asym_usr_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.082 $\pm$ 0.074 χ^2 /NDF: 0.9/1

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

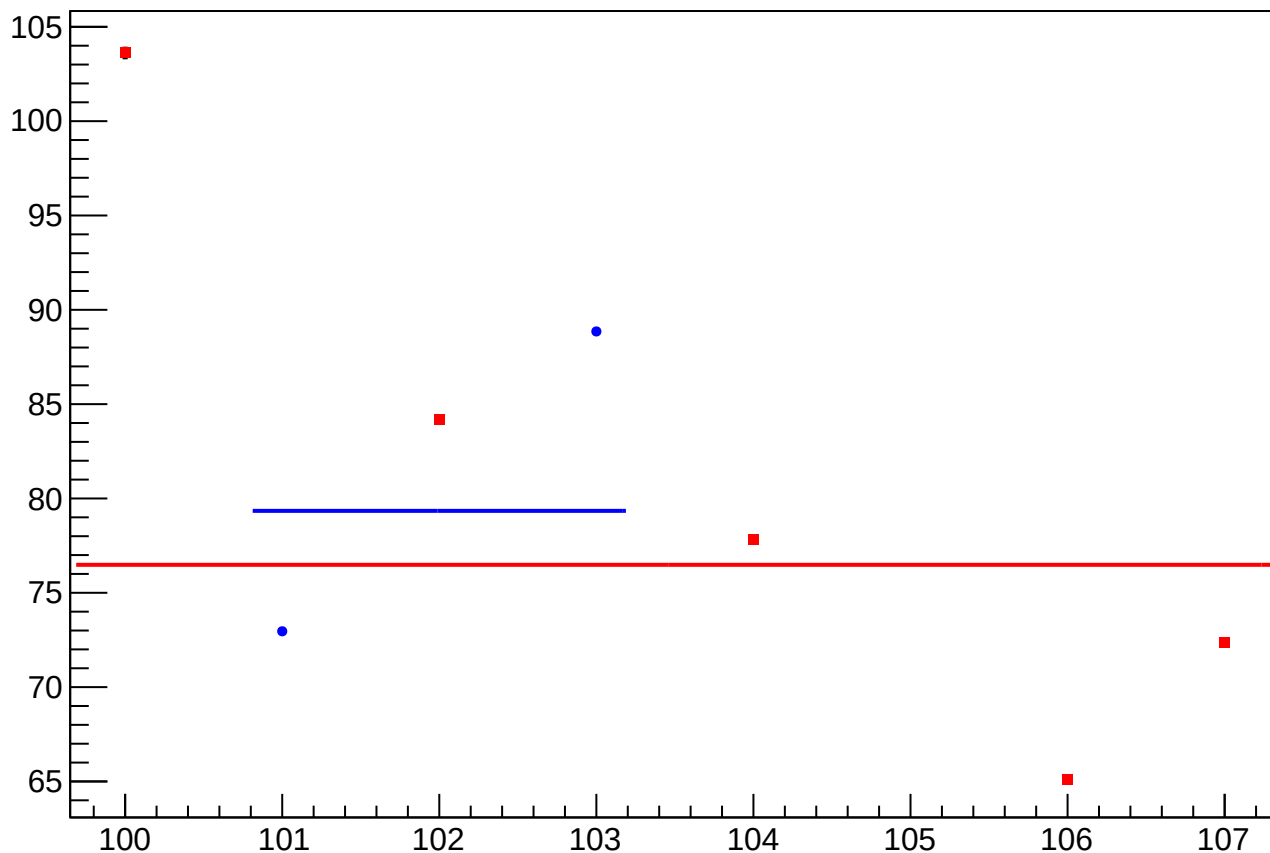
Right: 0.005 $\pm$ 0.046 χ^2 /NDF: 6.7/6

In: -0.082 $\pm$ 0.074 χ^2 /NDF:0.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.005 $\pm$ 0.046 χ^2 /NDF: 6.7/6

asym_usr_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 79.343+/-0.053 χ^2/NDF : 21967.5/1

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

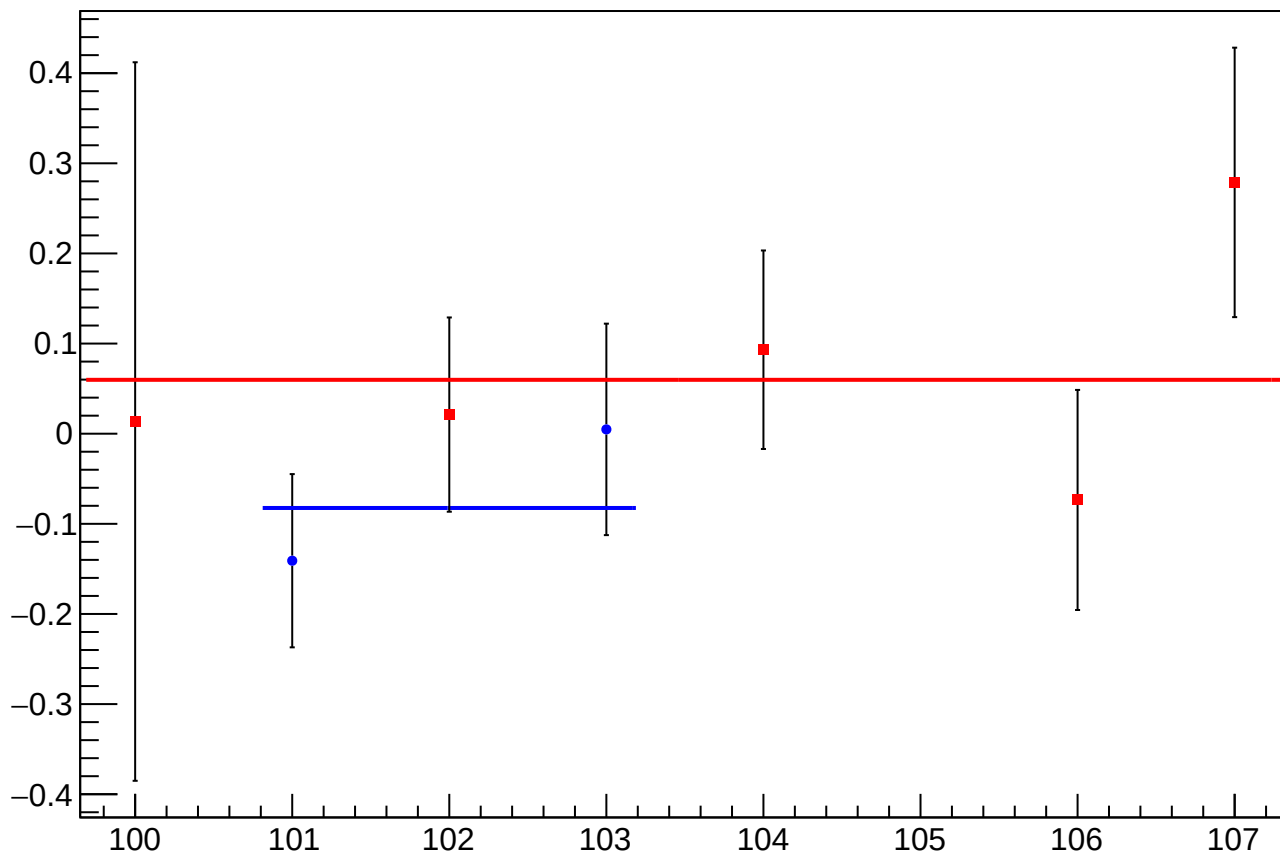
Right: 77.590+/-0.033 χ^2/NDF : 62400.5/6

In: 79.343+/-0.053 χ^2/NDF : 21967.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.590+/-0.033 χ^2/NDF : 62400.5/6

asym_usr_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.082 $\pm$ 0.074 χ^2 /NDF: 0.9/1

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

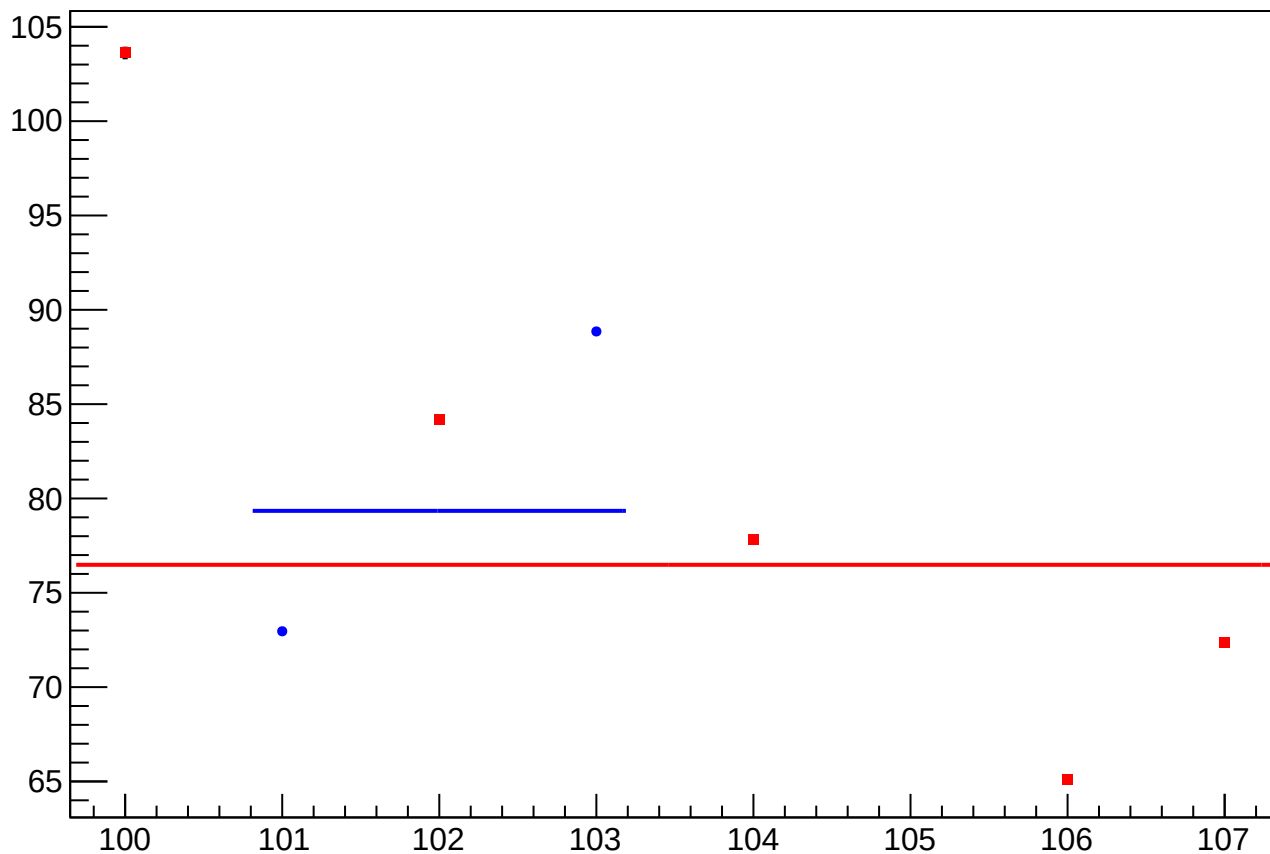
Right: 0.005 $\pm$ 0.046 χ^2 /NDF: 6.7/6

In: -0.082 $\pm$ 0.074 χ^2 /NDF:0.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.005 $\pm$ 0.046 χ^2 /NDF: 6.7/6

asym_usr_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 79.343+/-0.053 χ^2/NDF : 21967.5/1

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

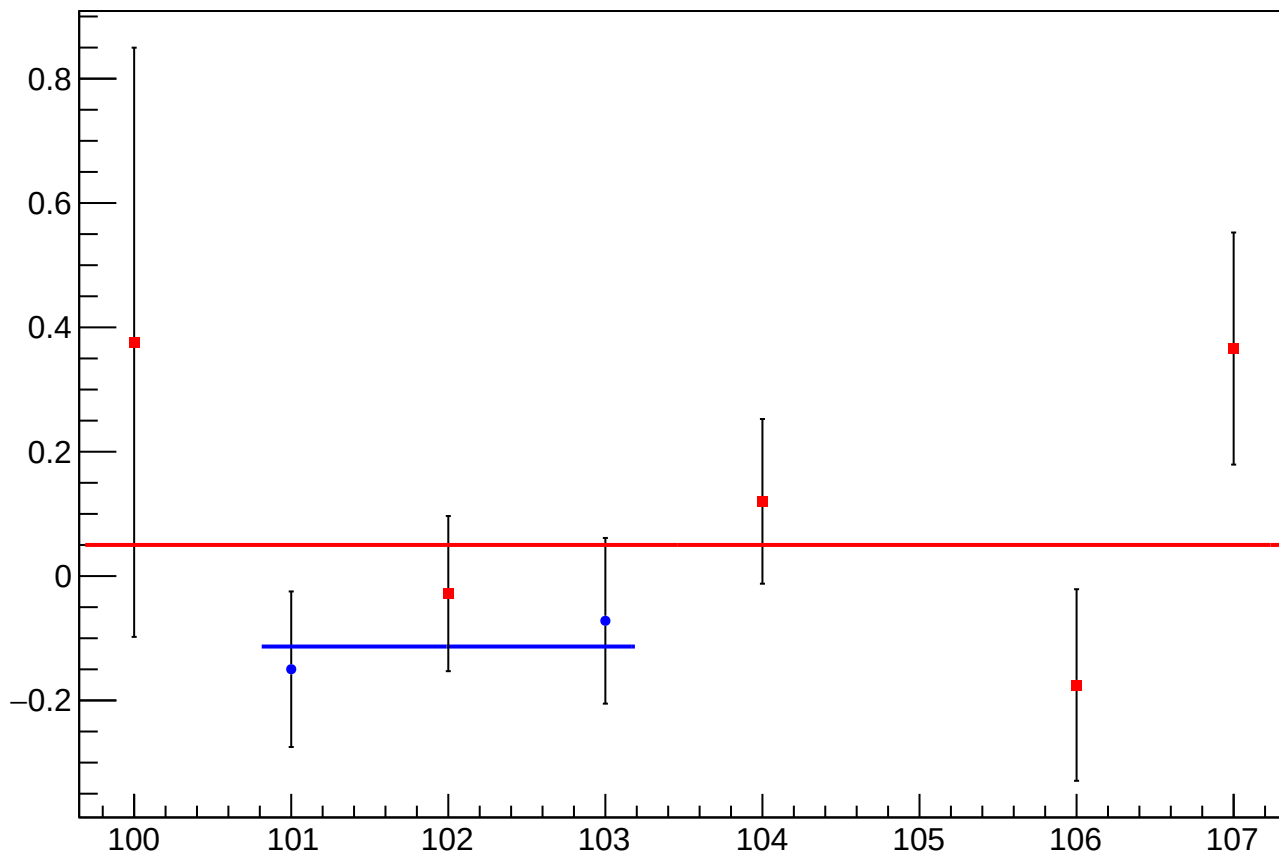
Right: 77.590+/-0.033 χ^2/NDF : 62400.5/6

In: 79.343+/-0.053 χ^2/NDF : 21967.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.590+/-0.033 χ^2/NDF : 62400.5/6

asym_usr_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.113+/-0.091 χ^2/NDF : 0.2/1

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

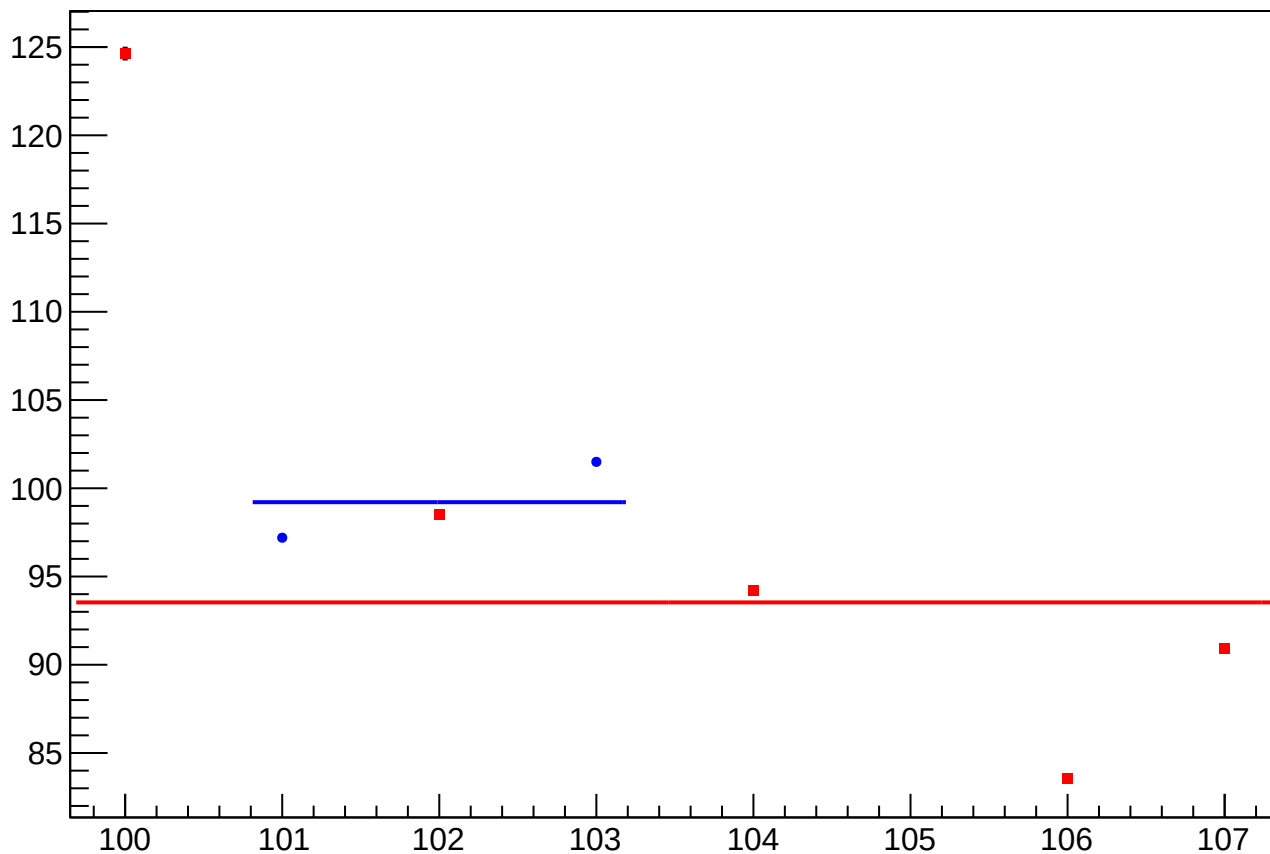
Right: -0.012+/-0.056 χ^2/NDF : 8.3/6

In: -0.113+/-0.091 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.012+/-0.056 χ^2/NDF : 8.3/6

asym_usr_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 99.212+/-0.064 χ^2/NDF : 1106.2/1

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

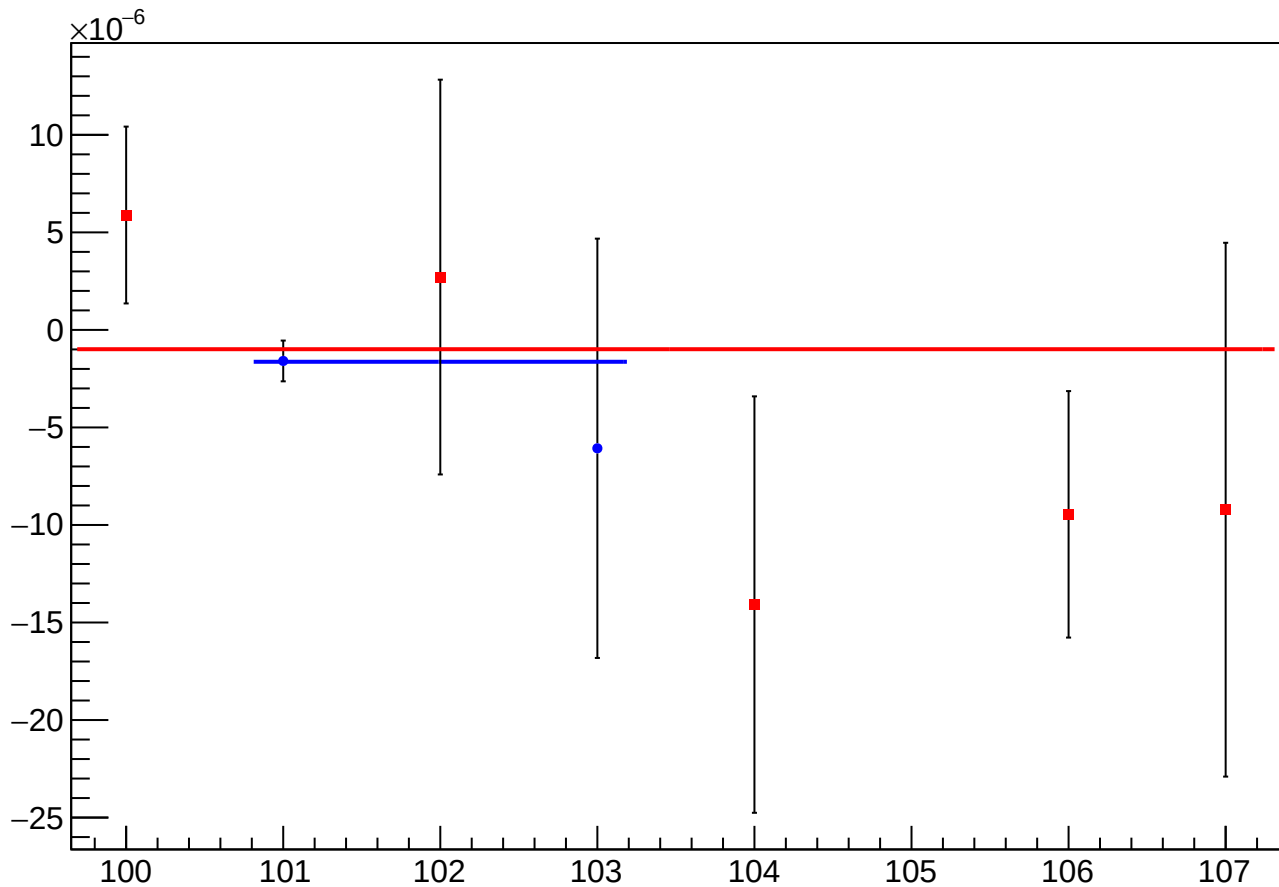
Right: 95.689+/-0.040 χ^2/NDF : 26599.4/6

In: 99.212+/-0.064 χ^2/NDF : 1106.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.689+/-0.040 χ^2/NDF : 26599.4/6

asym_usr_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.2/1

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

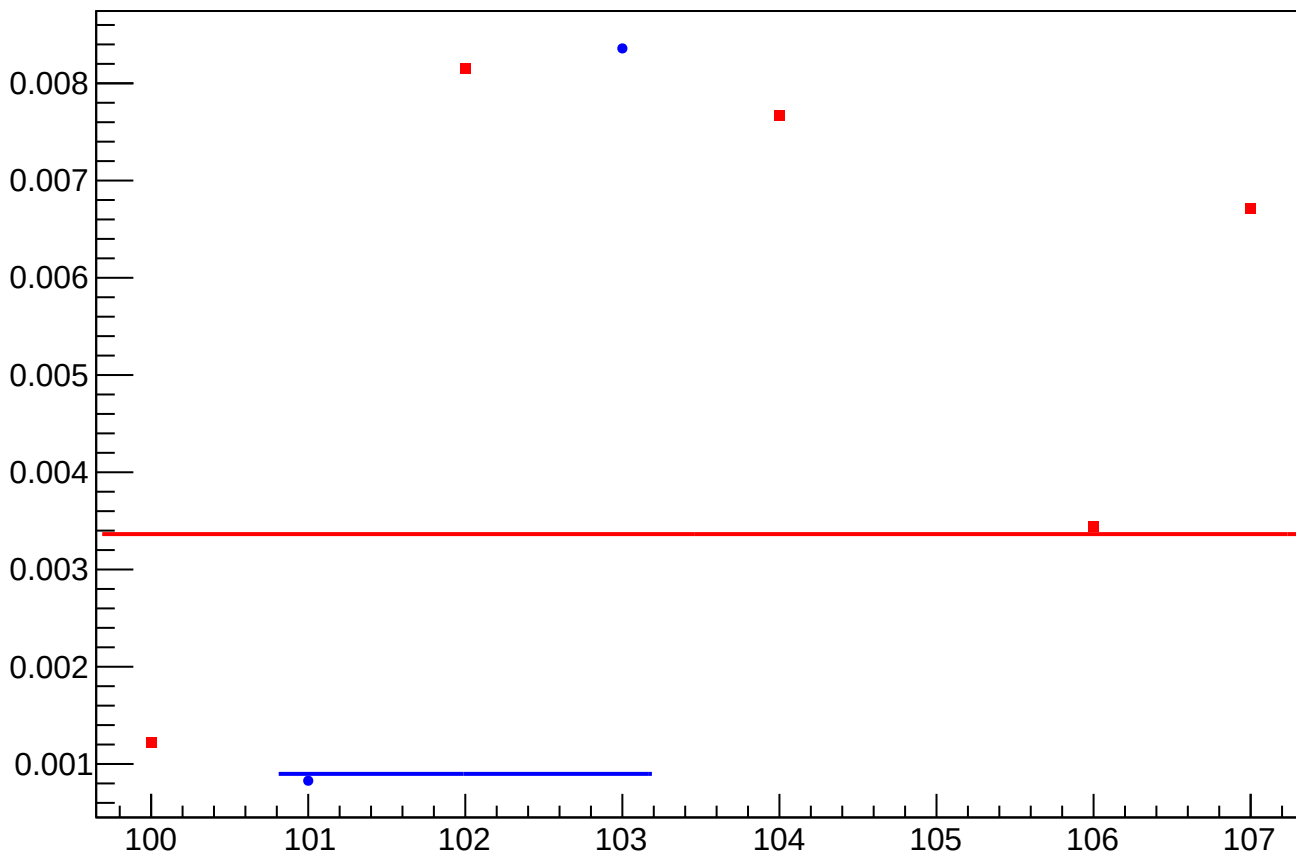
Right: -0.000+/-0.000 χ^2/NDF : 6.3/6

In: -0.000+/-0.000 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.3/6

asym_usr_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 972707.0/1

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

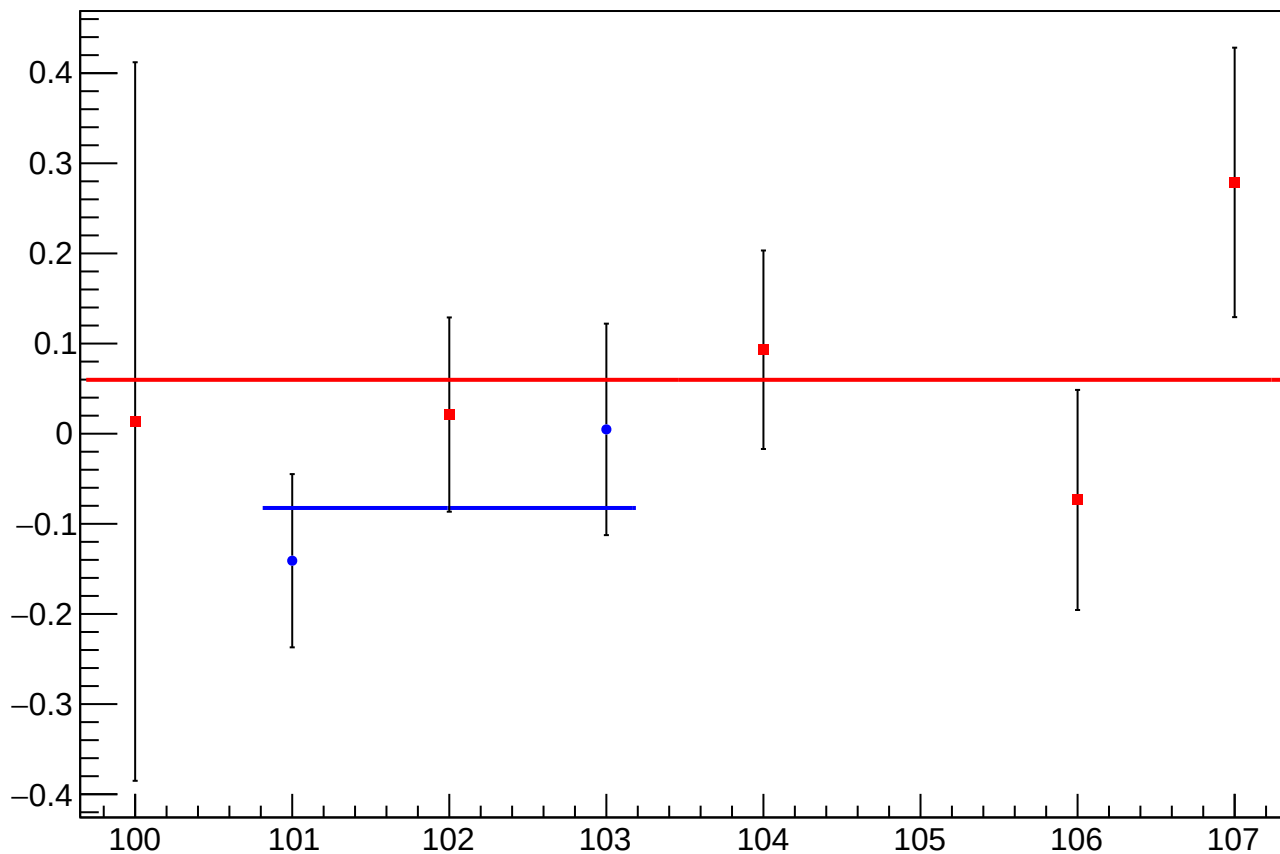
Right: 0.001+/-0.000 χ^2/NDF : 3386173.9/6

In: 0.001+/-0.000 χ^2/NDF : 972707.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3386173.9/6

asym_usr_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.082 ± 0.074 $\chi^2/\text{NDF}: 0.9/1$

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

Right Out: 0.060 ± 0.059 $\chi^2/\text{NDF}: 3.6/4$

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

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

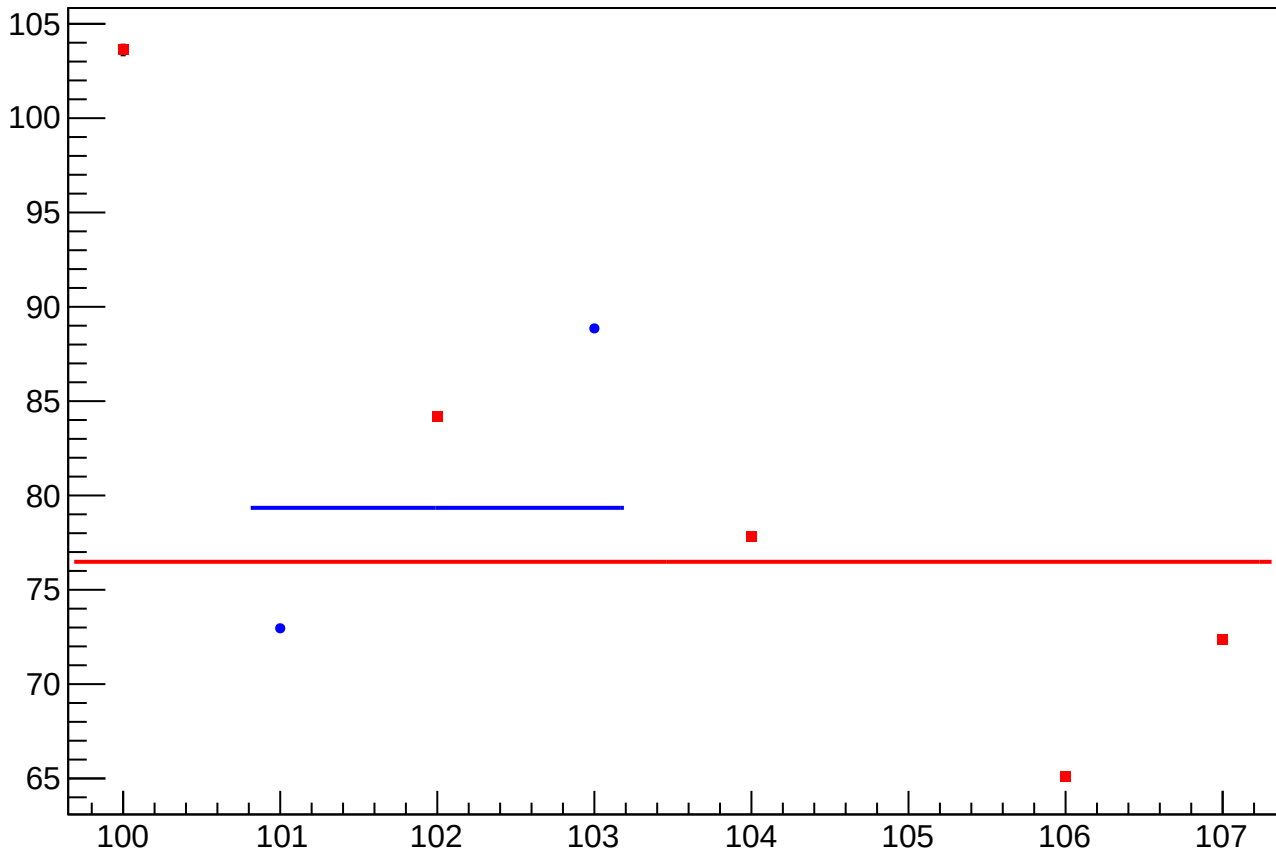
Right: 0.005 ± 0.046 $\chi^2/\text{NDF}: 6.7/6$

In: -0.082 ± 0.074 $\chi^2/\text{NDF}: 0.9/1$

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

All: 0.005 ± 0.046 $\chi^2/\text{NDF}: 6.7/6$

asym_usr_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 79.344+/-0.053 χ^2/NDF : 21973.2/1

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

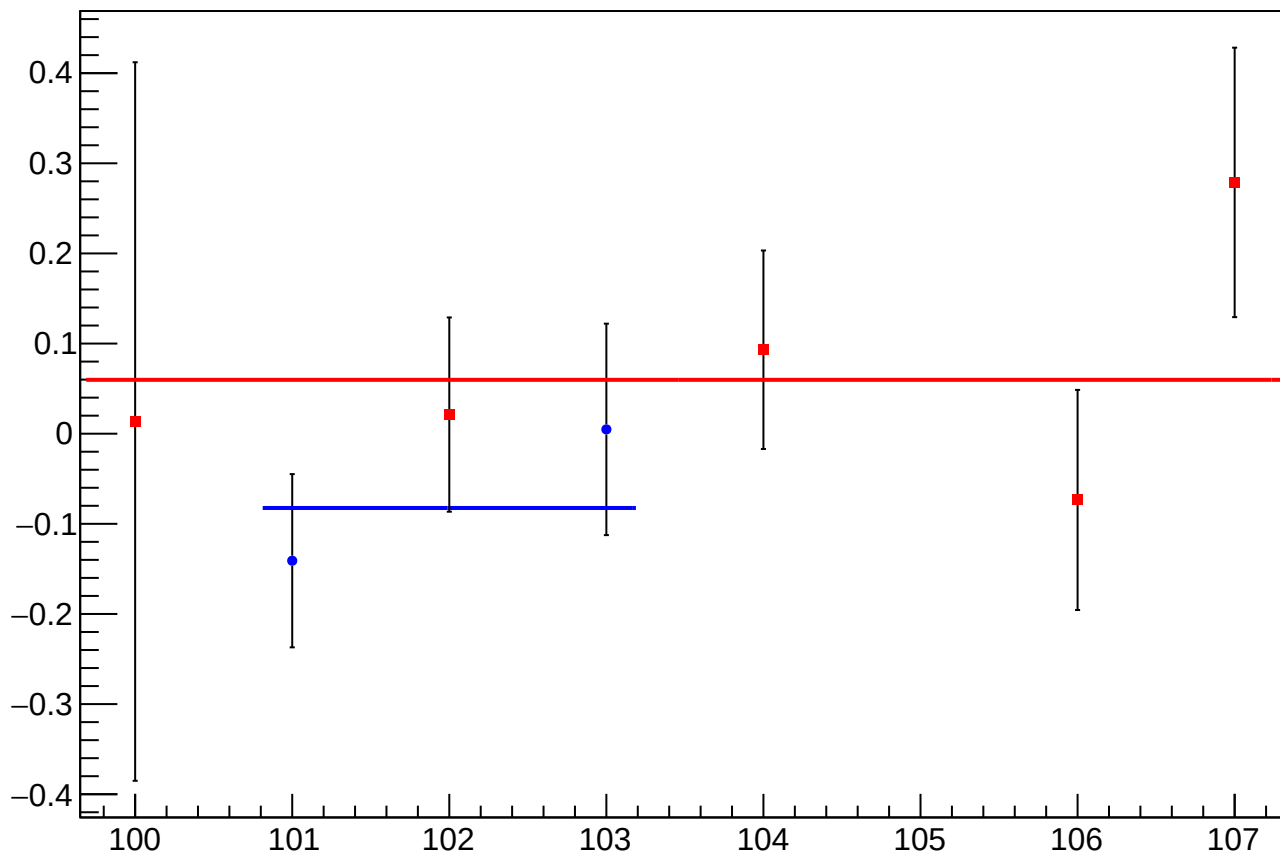
Right: 77.591+/-0.033 χ^2/NDF : 62414.5/6

In: 79.344+/-0.053 χ^2/NDF : 21973.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.591+/-0.033 χ^2/NDF : 62414.5/6

asym_usr_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.082 $\pm$ 0.074 χ^2 /NDF: 0.9/1

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

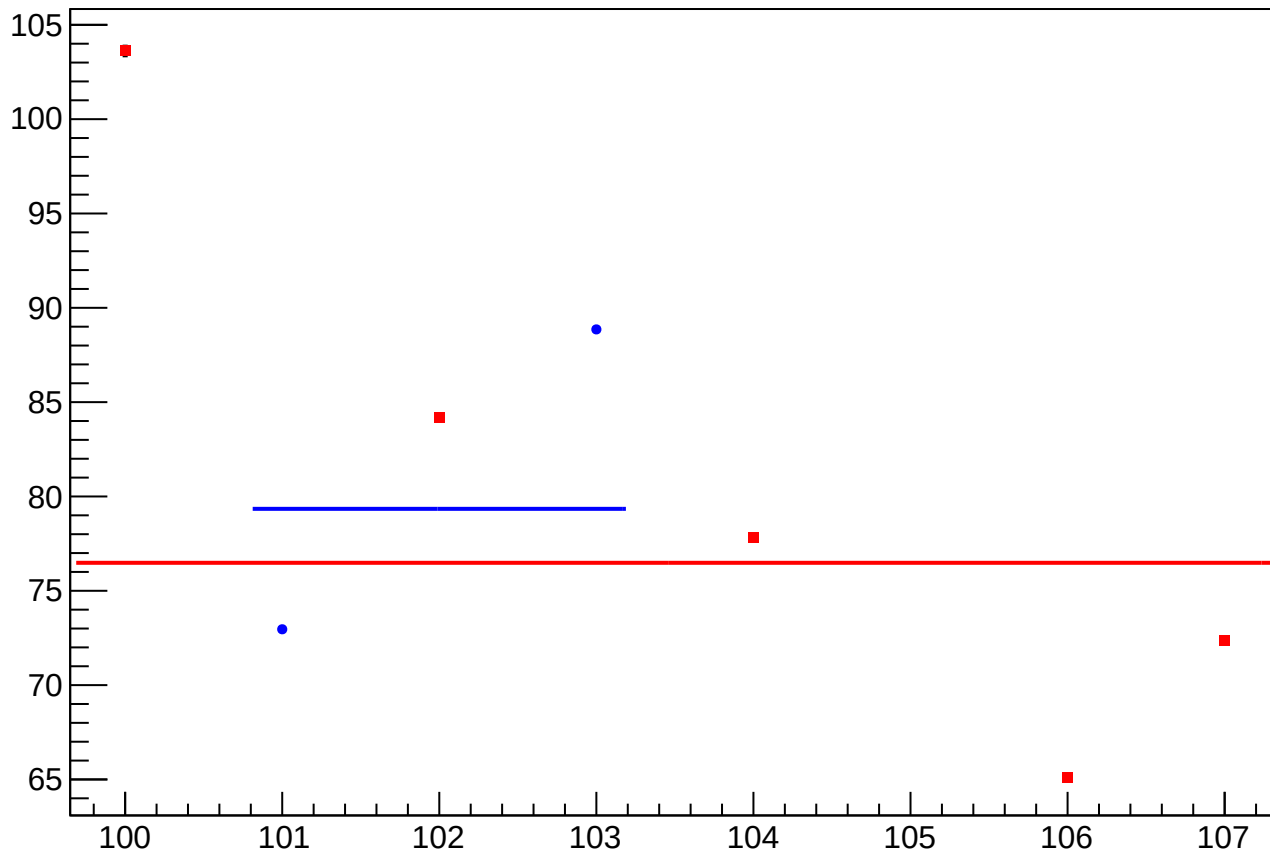
Right: 0.005 $\pm$ 0.046 χ^2 /NDF: 6.7/6

In: -0.082 $\pm$ 0.074 χ^2 /NDF:0.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.005 $\pm$ 0.046 χ^2 /NDF: 6.7/6

asym_usr_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 79.344+/-0.053 χ^2/NDF : 21973.2/1

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

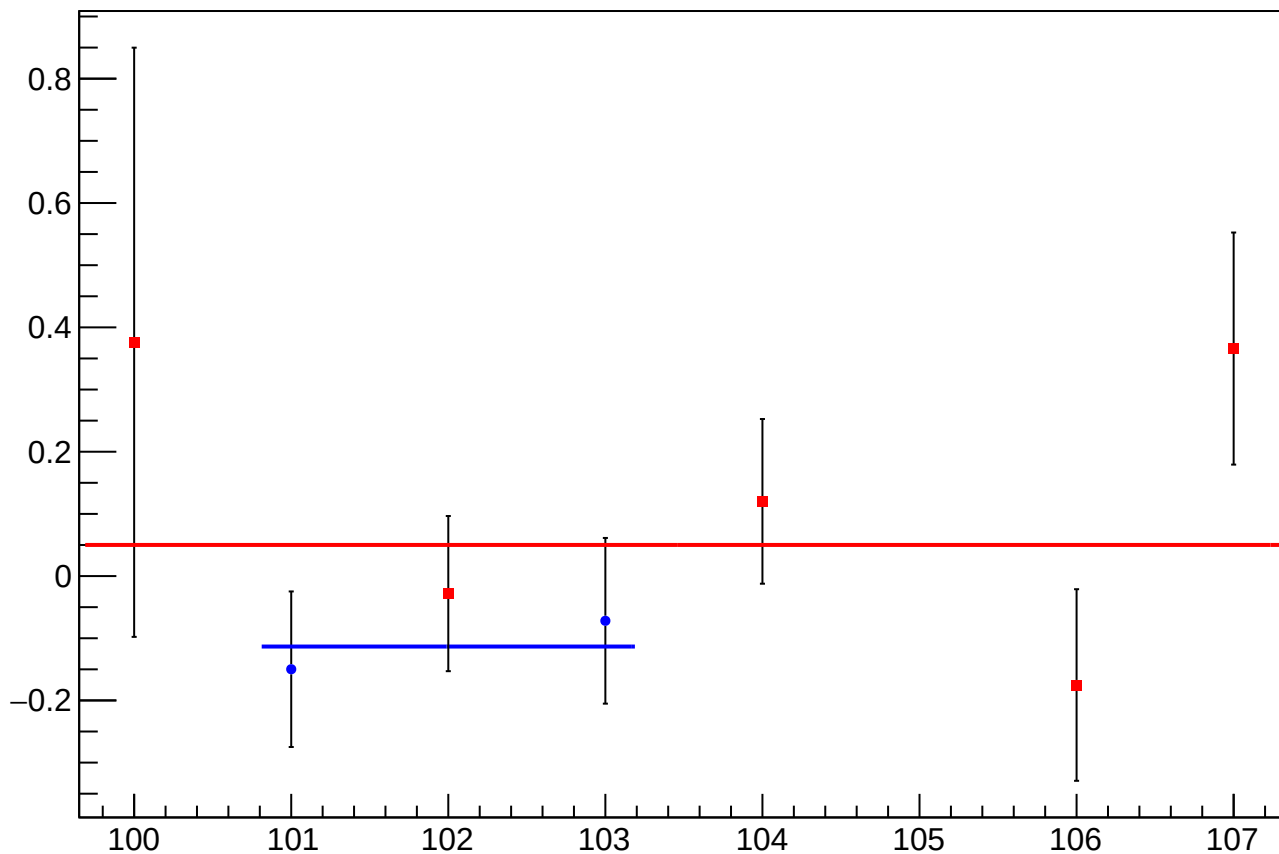
Right: 77.591+/-0.033 χ^2/NDF : 62414.5/6

In: 79.344+/-0.053 χ^2/NDF : 21973.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.591+/-0.033 χ^2/NDF : 62414.5/6

asym_usr_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.113 $\pm$ 0.091 χ^2 /NDF: 0.2/1

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

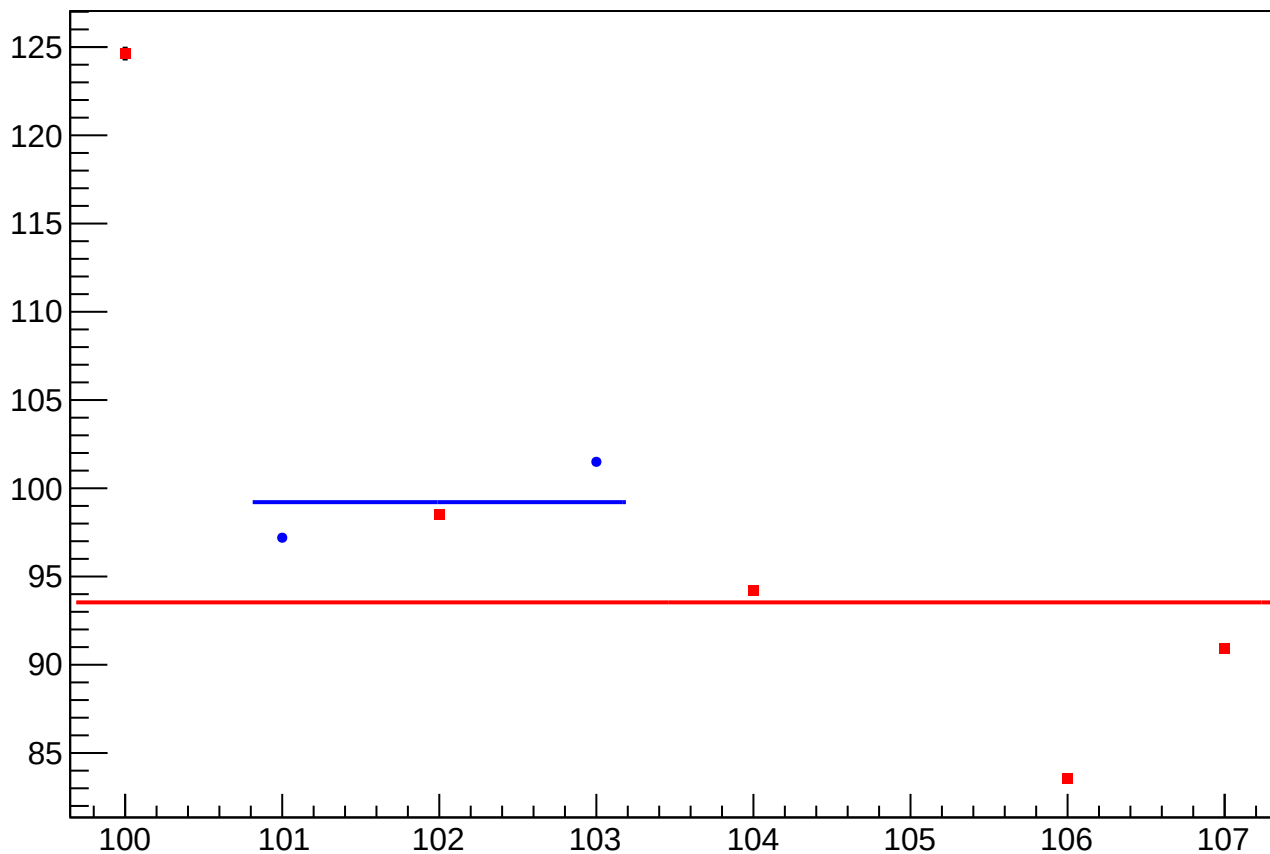
Right: -0.012 $\pm$ 0.056 χ^2 /NDF: 8.3/6

In: -0.113 $\pm$ 0.091 χ^2 /NDF: 0.2/1

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

All: -0.012 $\pm$ 0.056 χ^2 /NDF: 8.3/6

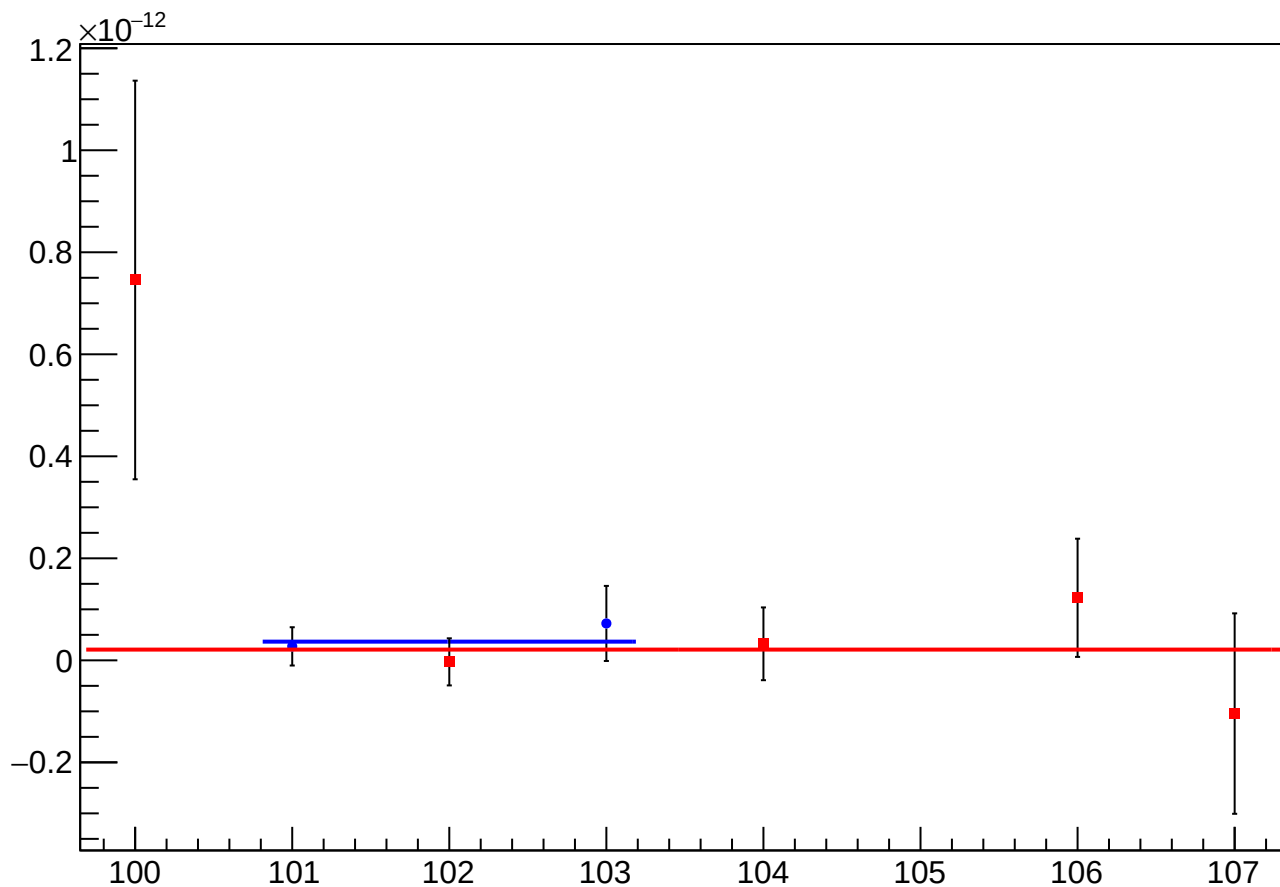
asym_usr_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 99.213+/-0.064 χ^2/NDF : 1107.2/1
 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: 95.690+/-0.040 χ^2/NDF : 26604.6/6
 In: 99.213+/-0.064 χ^2/NDF : 1107.2/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 95.690+/-0.040 χ^2/NDF : 26604.6/6

asym_usr_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.3/1

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

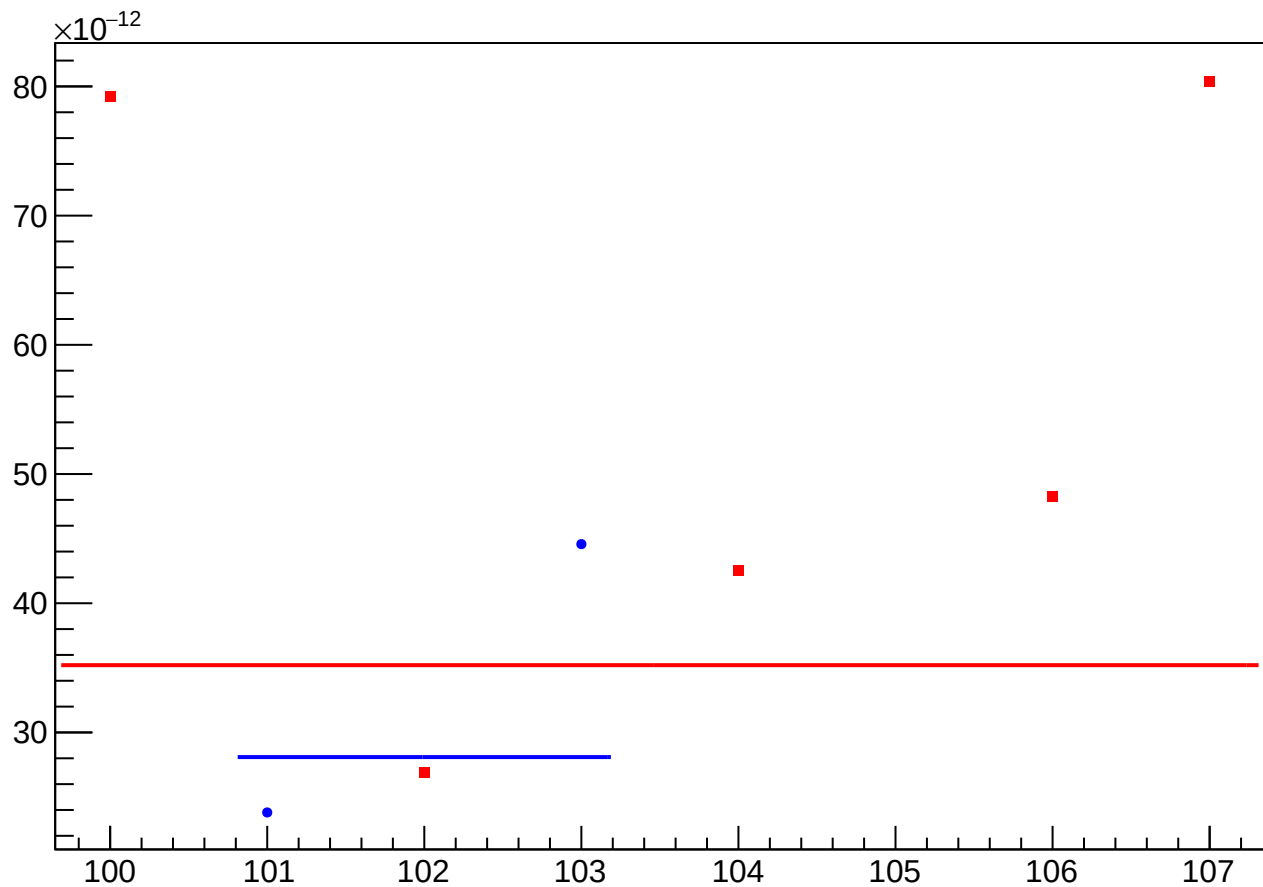
Right: 0.000+/-0.000 χ^2/NDF : 5.3/6

In: 0.000+/-0.000 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5.3/6

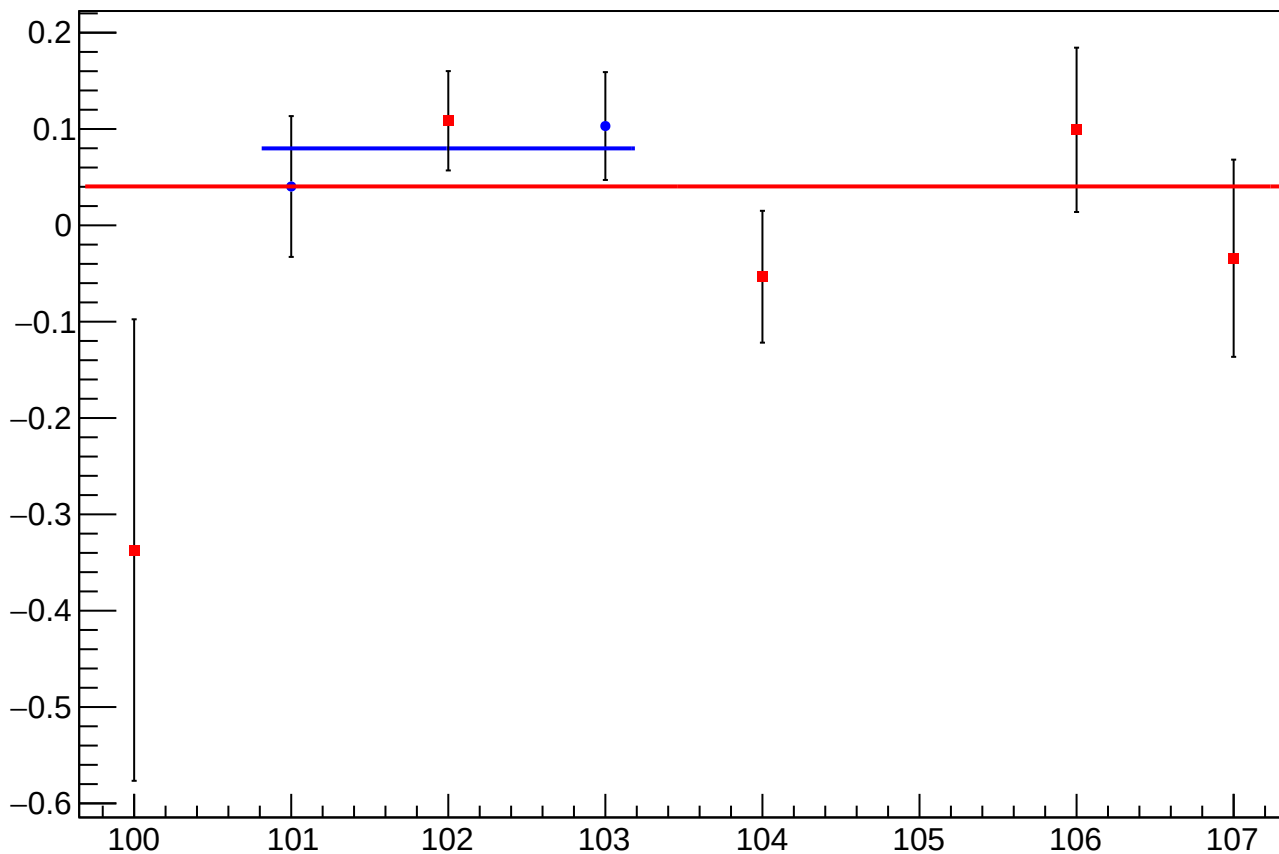
asym_usr_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 126431.0/1
 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 : 410552.7/6
 In: 0.000+/-0.000 χ^2/NDF : 126431.0/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 410552.7/6

asym_usr_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.080+/-0.044 χ^2/NDF : 0.5/1

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

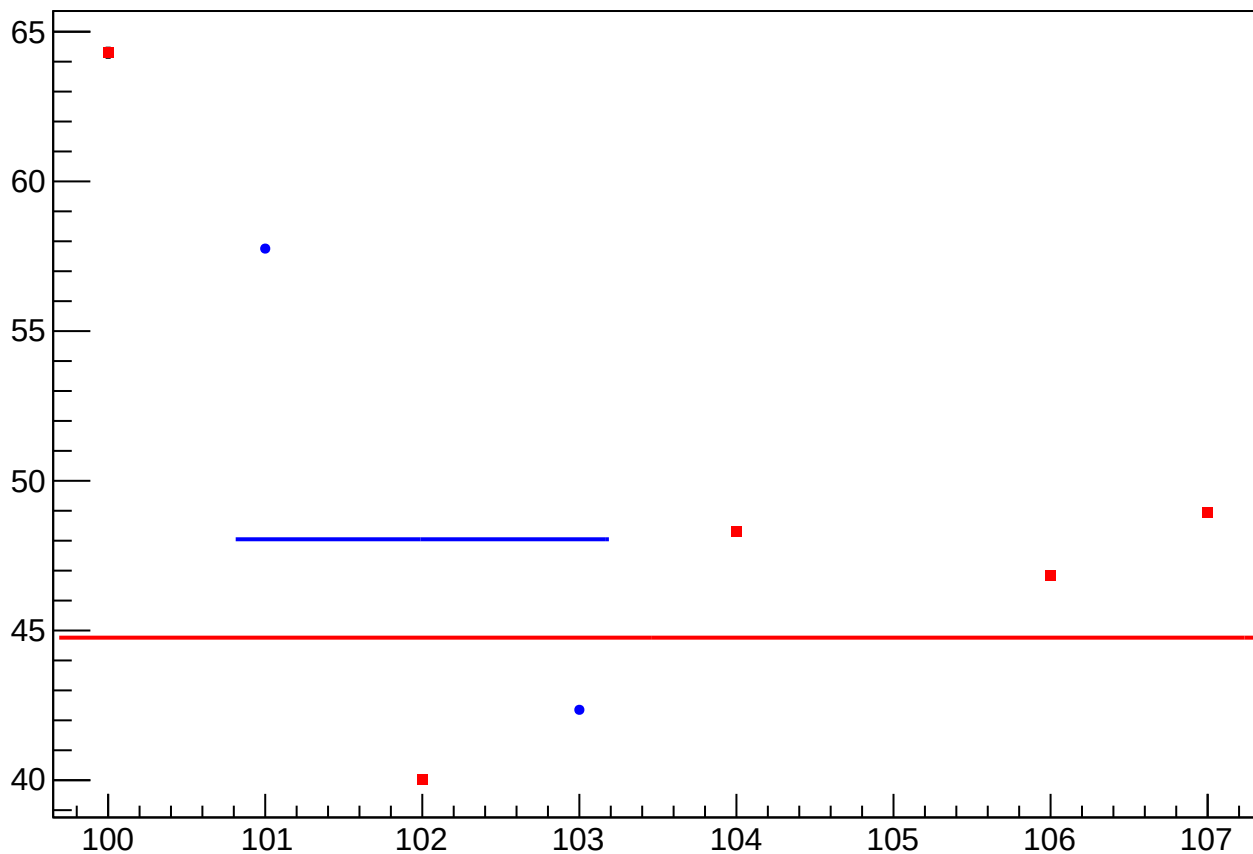
Right: 0.055+/-0.027 χ^2/NDF : 8.1/6

In: 0.080+/-0.044 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.055+/-0.027 χ^2/NDF : 8.1/6

asym_usr_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.047 $\pm$ 0.031 χ^2 /NDF: 56000.5/1

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

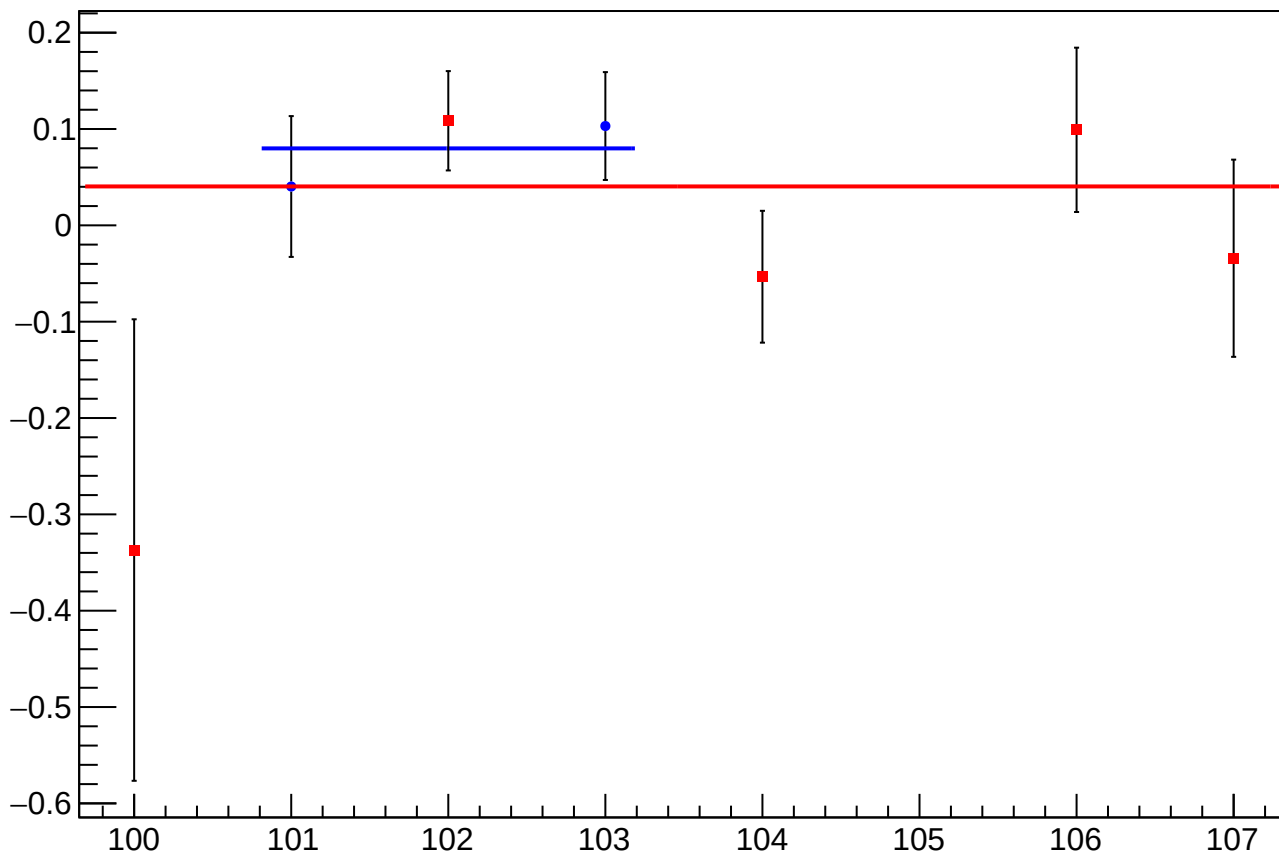
Right: 45.997 $\pm$ 0.019 χ^2 /NDF: 103000.3/6

In: 48.047 $\pm$ 0.031 χ^2 /NDF:56000.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 45.997 $\pm$ 0.019 χ^2 /NDF: 103000.3/6

asym_usr_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.080+/-0.044 χ^2/NDF : 0.5/1

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

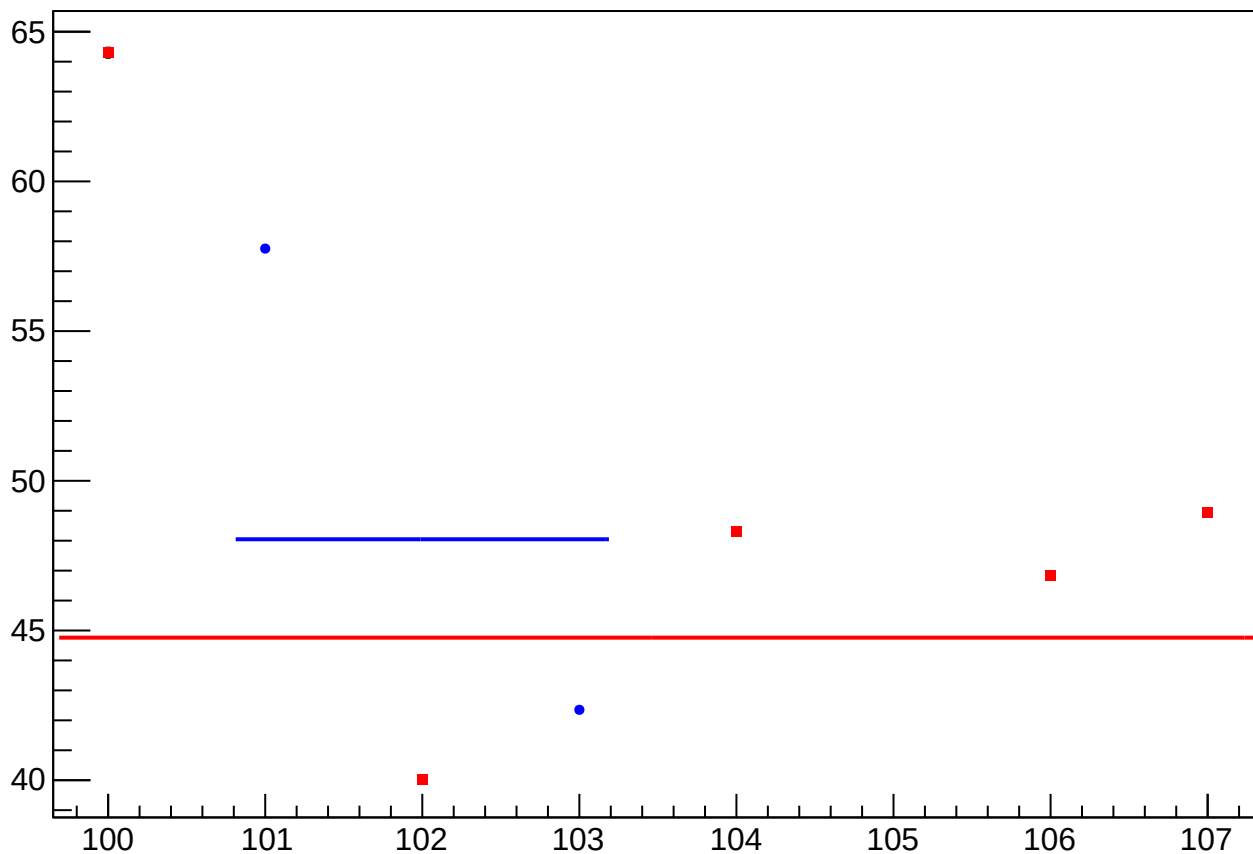
Right: 0.055+/-0.027 χ^2/NDF : 8.1/6

In: 0.080+/-0.044 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.055+/-0.027 χ^2/NDF : 8.1/6

asym_usr_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.047 $\pm$ 0.031 χ^2 /NDF: 56000.5/1

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

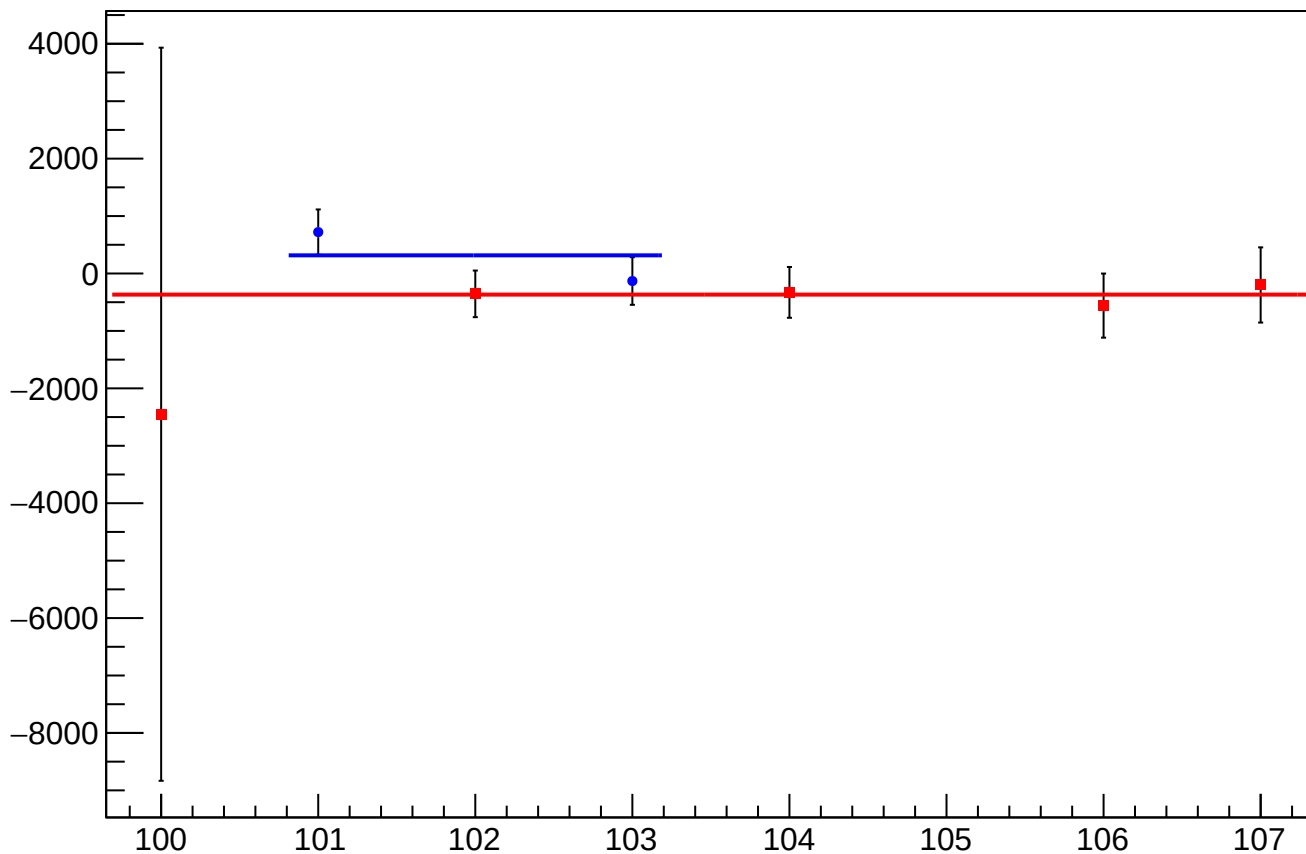
Right: 45.997 $\pm$ 0.019 χ^2 /NDF: 103000.3/6

In: 48.047 $\pm$ 0.031 χ^2 /NDF:56000.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 45.997 $\pm$ 0.019 χ^2 /NDF: 103000.3/6

asym_dsl_mean vs Slug, Sign Corrected



Right In: 316.088+/-285.704 χ^2/NDF : 2.2/1

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

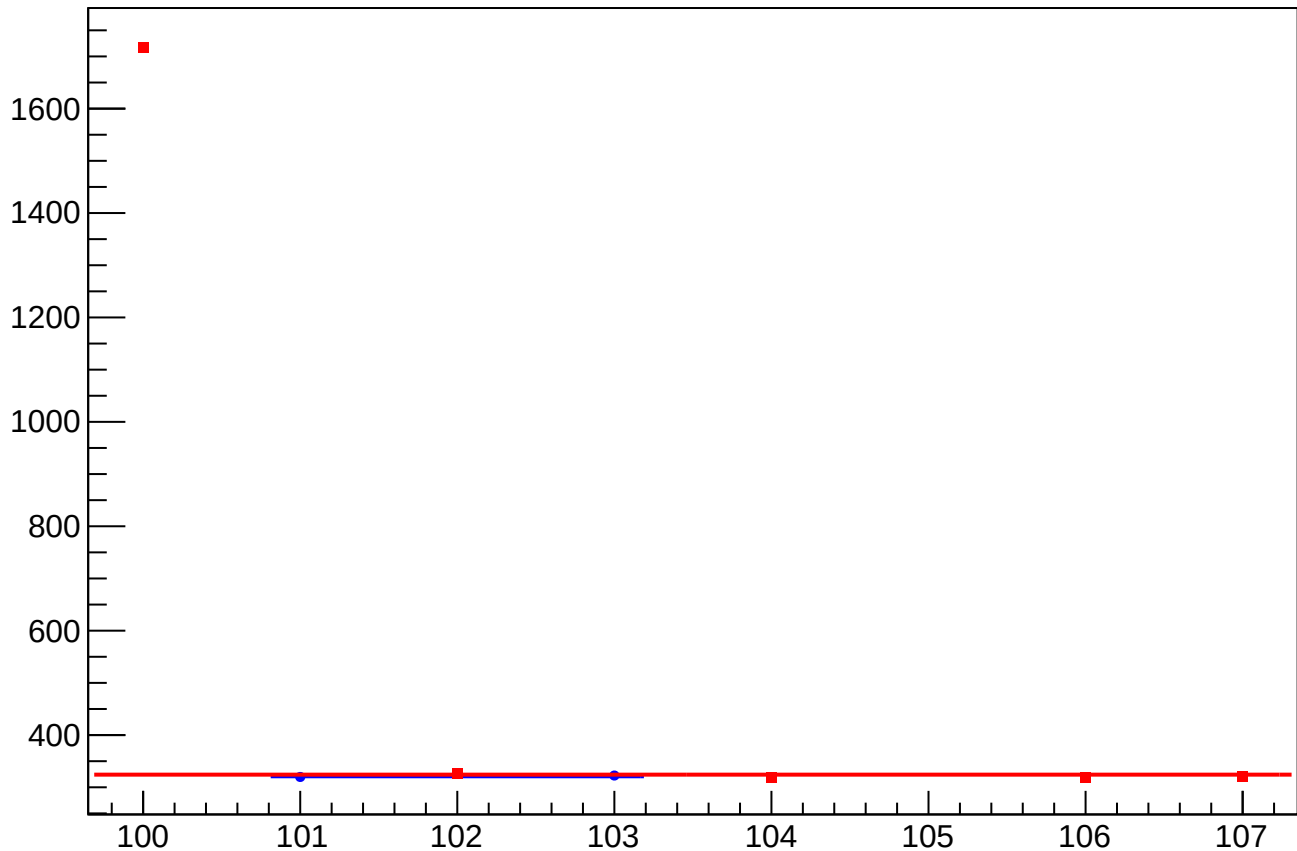
Right: -78.756+/-185.700 χ^2/NDF : 5.8/6

In: 316.088+/-285.704 χ^2/NDF : 2.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -78.756+/-185.700 χ^2/NDF : 5.8/6

asym_dsl_rms vs Slug, Sign Corrected



Right In: 321.090 $\pm$ 0.202 χ^2 /NDF: 45.6/1

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

Right Out: 324.218 $\pm$ 0.173 χ^2 /NDF: 96025.5/4

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

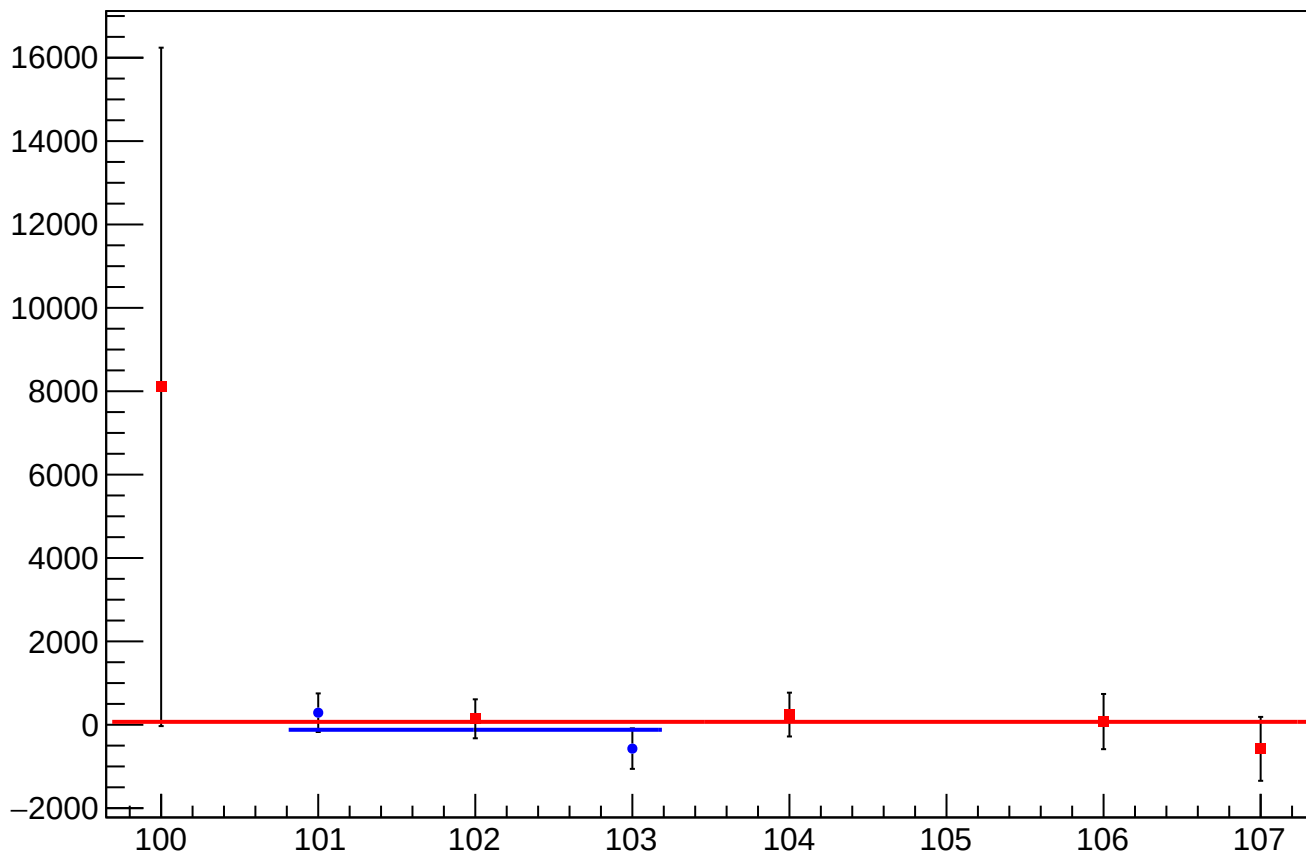
Right: 322.897 $\pm$ 0.131 χ^2 /NDF: 96209.5/6

In: 321.090 $\pm$ 0.202 χ^2 /NDF: 45.6/1

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

All: 322.897 $\pm$ 0.131 χ^2 /NDF: 96209.5/6

asym_dsr_mean vs Slug, Sign Corrected



Right In: -120.551+/-335.107 χ^2/NDF : 1.6/1

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

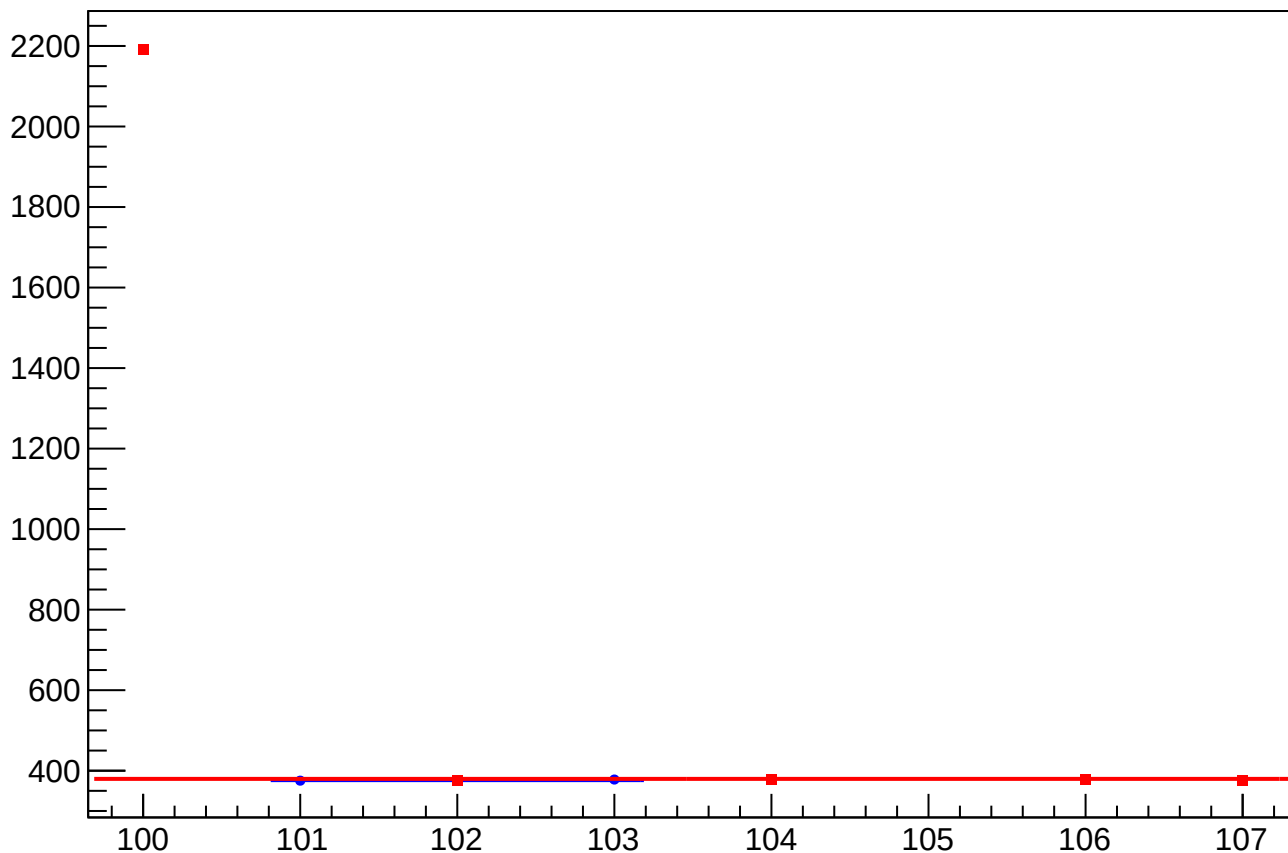
Right: -10.470+/-217.676 χ^2/NDF : 3.7/6

In: -120.551+/-335.107 χ^2/NDF : 1.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.470+/-217.676 χ^2/NDF : 3.7/6

asym_dsr_rms vs Slug, Sign Corrected



Right In: 376.592 $\pm$ 0.237 χ^2 /NDF: 34.7/1

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

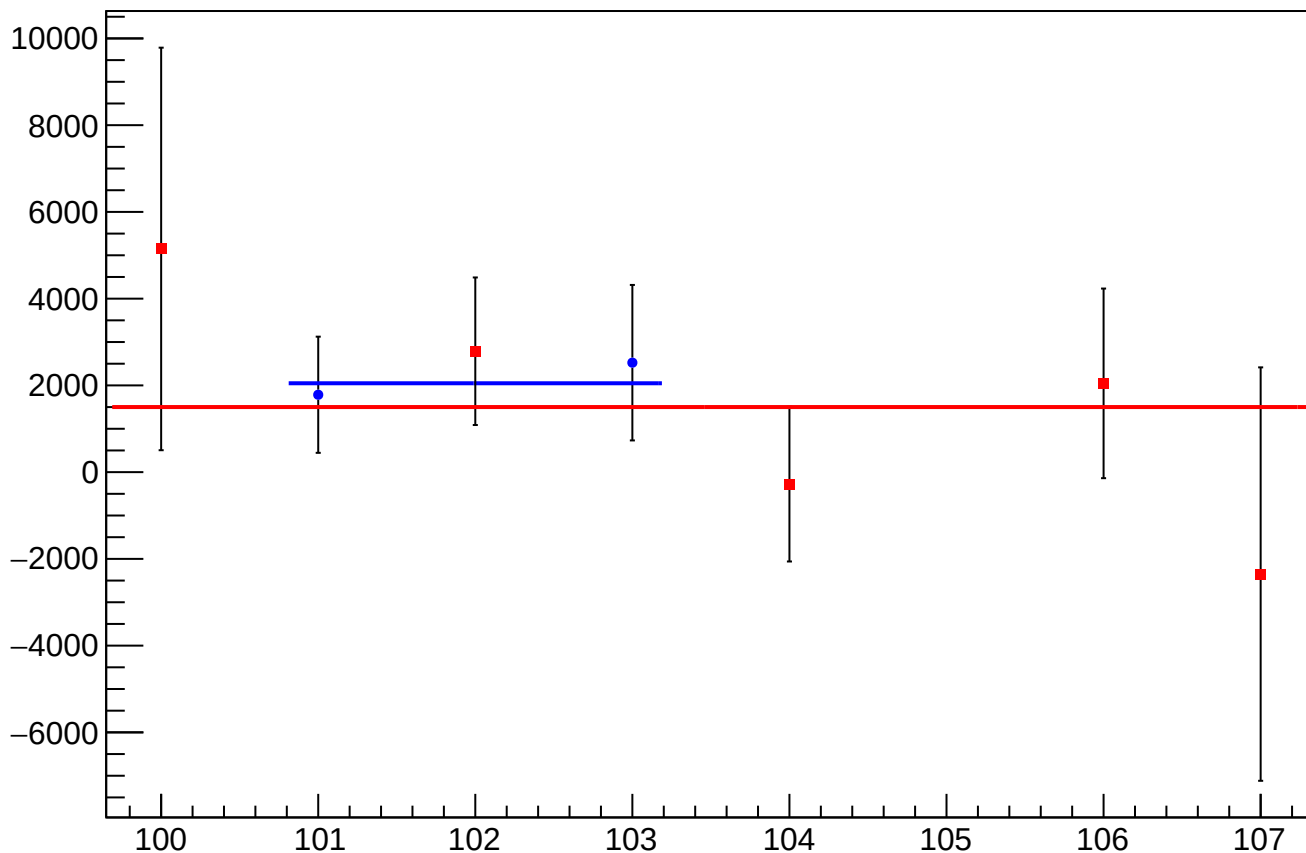
Right: 378.389 $\pm$ 0.154 χ^2 /NDF: 99286.0/6

In: 376.592 $\pm$ 0.237 χ^2 /NDF:34.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 378.389 $\pm$ 0.154 χ^2 /NDF: 99286.0/6

asym_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 2049.167+/-1072.891 χ^2/NDF : 0.1/1

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

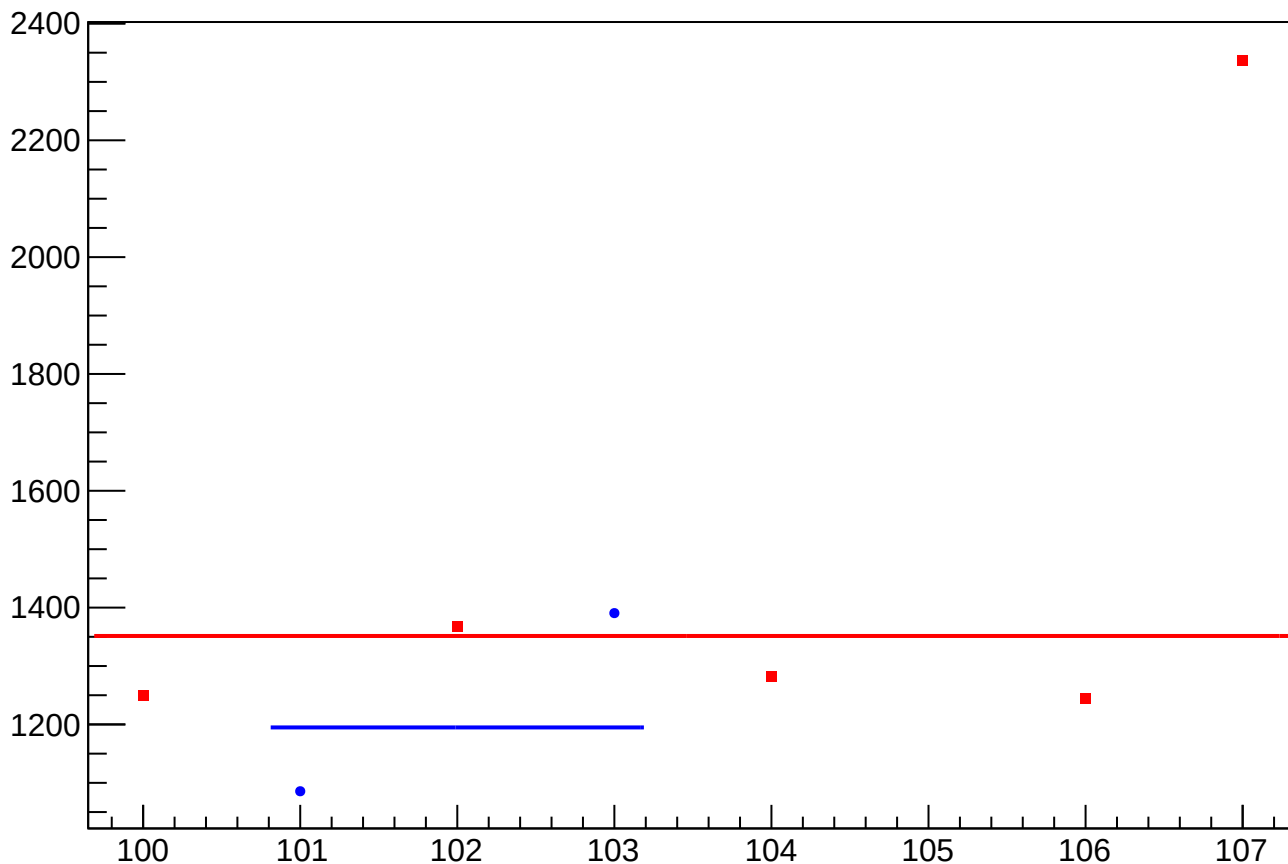
Right: 1761.369+/-739.542 χ^2/NDF : 3.1/6

In: 2049.167+/-1072.891 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1761.369+/-739.542 χ^2/NDF : 3.1/6

asym_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 1194.872+/-0.759 χ^2/NDF : 37147.3/1

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

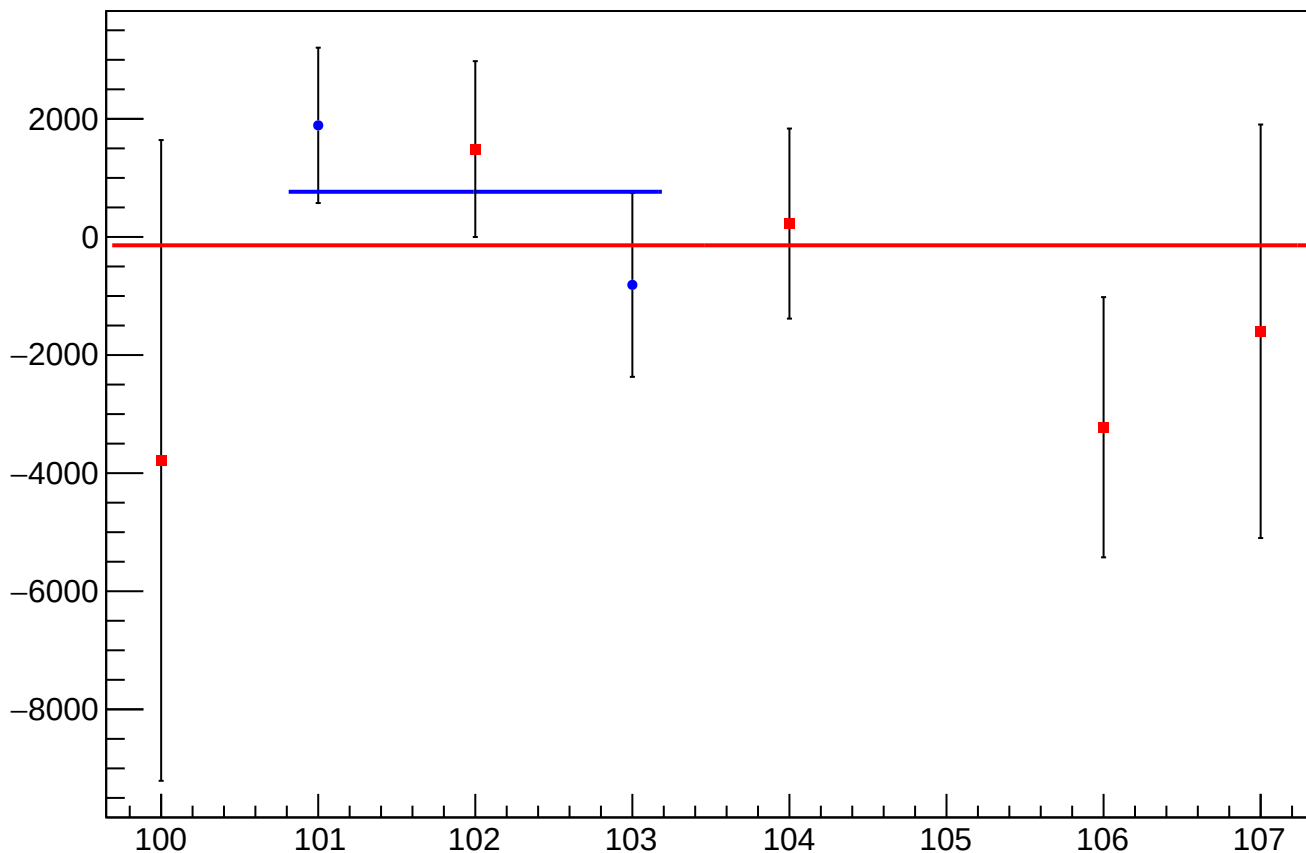
Right: 1277.052+/-0.523 χ^2/NDF : 153959.5/6

In: 1194.872+/-0.759 χ^2/NDF : 37147.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1277.052+/-0.523 χ^2/NDF : 153959.5/6

asym_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 765.263+/-1005.114 χ^2/NDF : 1.8/1

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

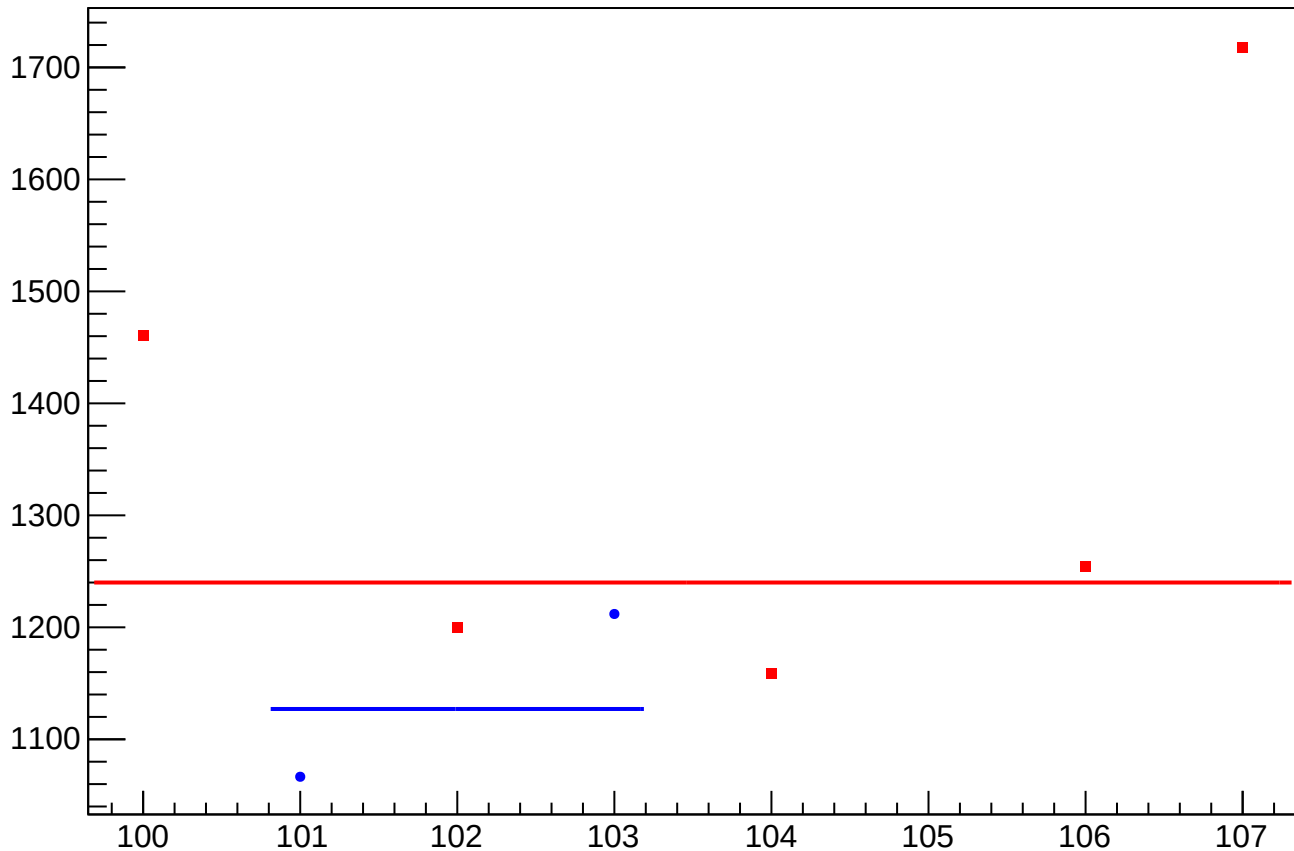
Right: 276.294+/-682.235 χ^2/NDF : 6.0/6

In: 765.263+/-1005.114 χ^2/NDF : 1.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 276.294+/-682.235 χ^2/NDF : 6.0/6

asym_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 1127.078+/-0.711 χ^2/NDF : 10165.7/1

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

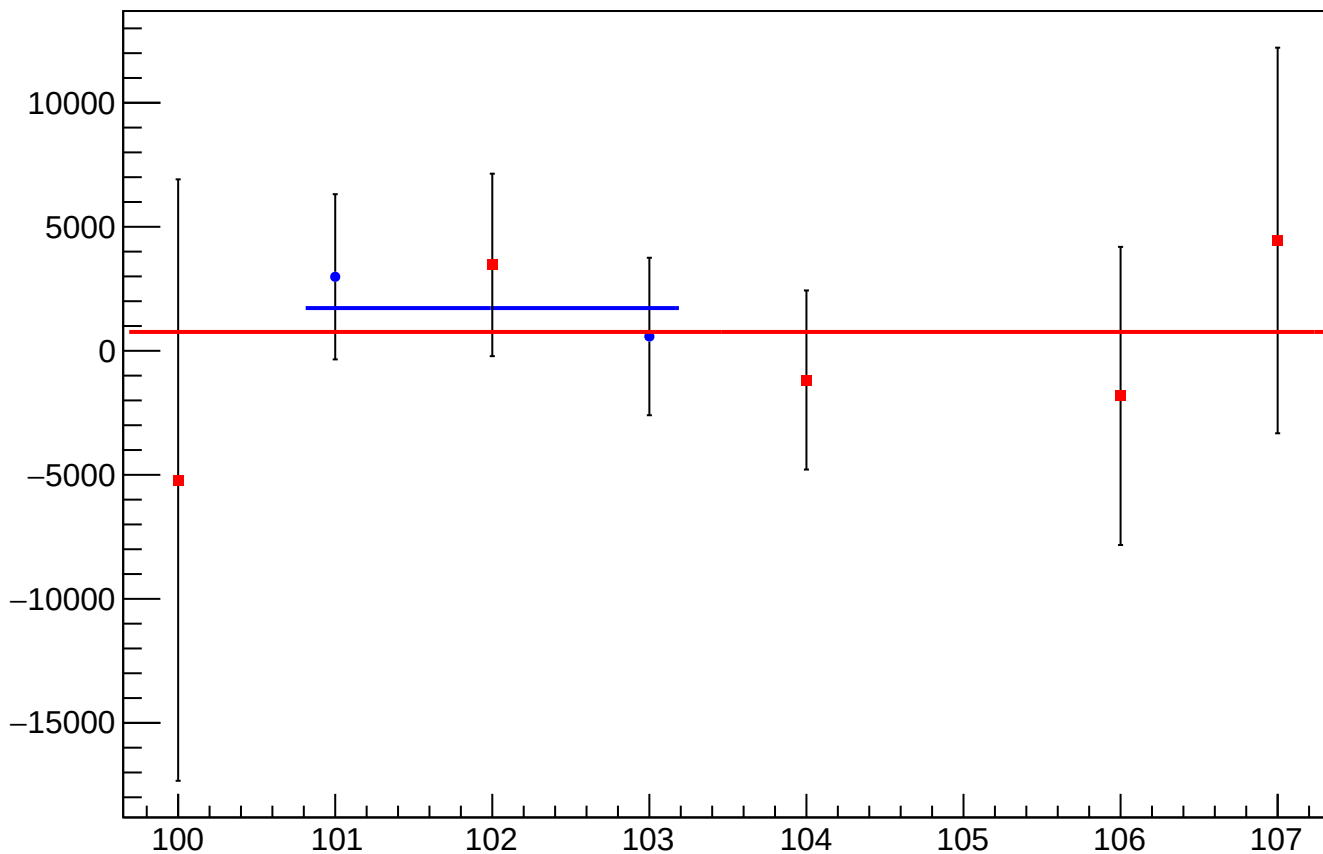
Right: 1187.980+/-0.482 χ^2/NDF : 70980.7/6

In: 1127.078+/-0.711 χ^2/NDF : 10165.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1187.980+/-0.482 χ^2/NDF : 70980.7/6

reg_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1723.217+/-2297.693 χ^2 /NDF: 0.3/1

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

Right Out: 761.027+/-2226.757 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

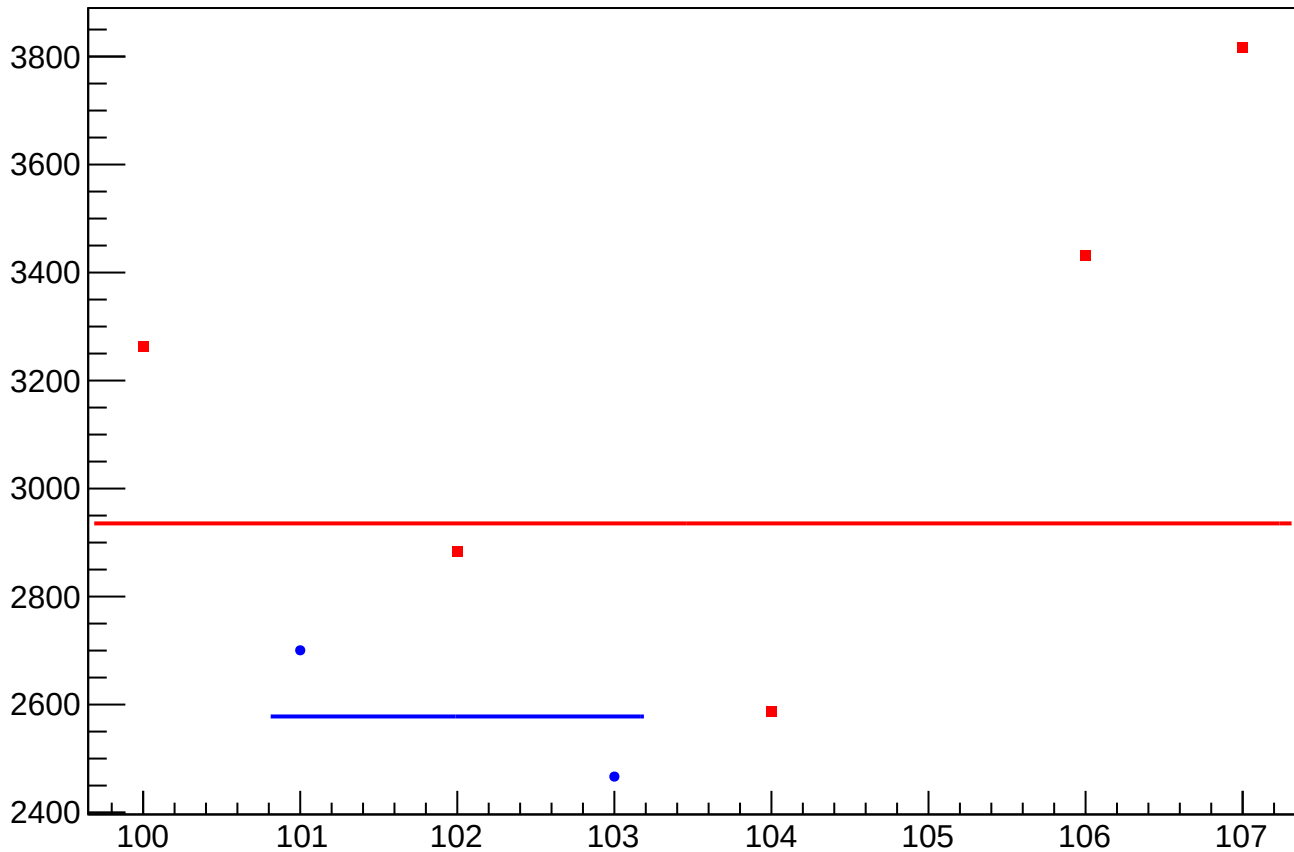
Right: 1227.040+/-1599.045 χ^2 /NDF: 1.8/6

In: 1723.217+/-2297.693 χ^2 /NDF: 0.3/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1227.040+/-1599.045 χ^2 /NDF: 1.8/6

reg_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2577.964+/-1.625 χ^2/NDF : 5167.7/1

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

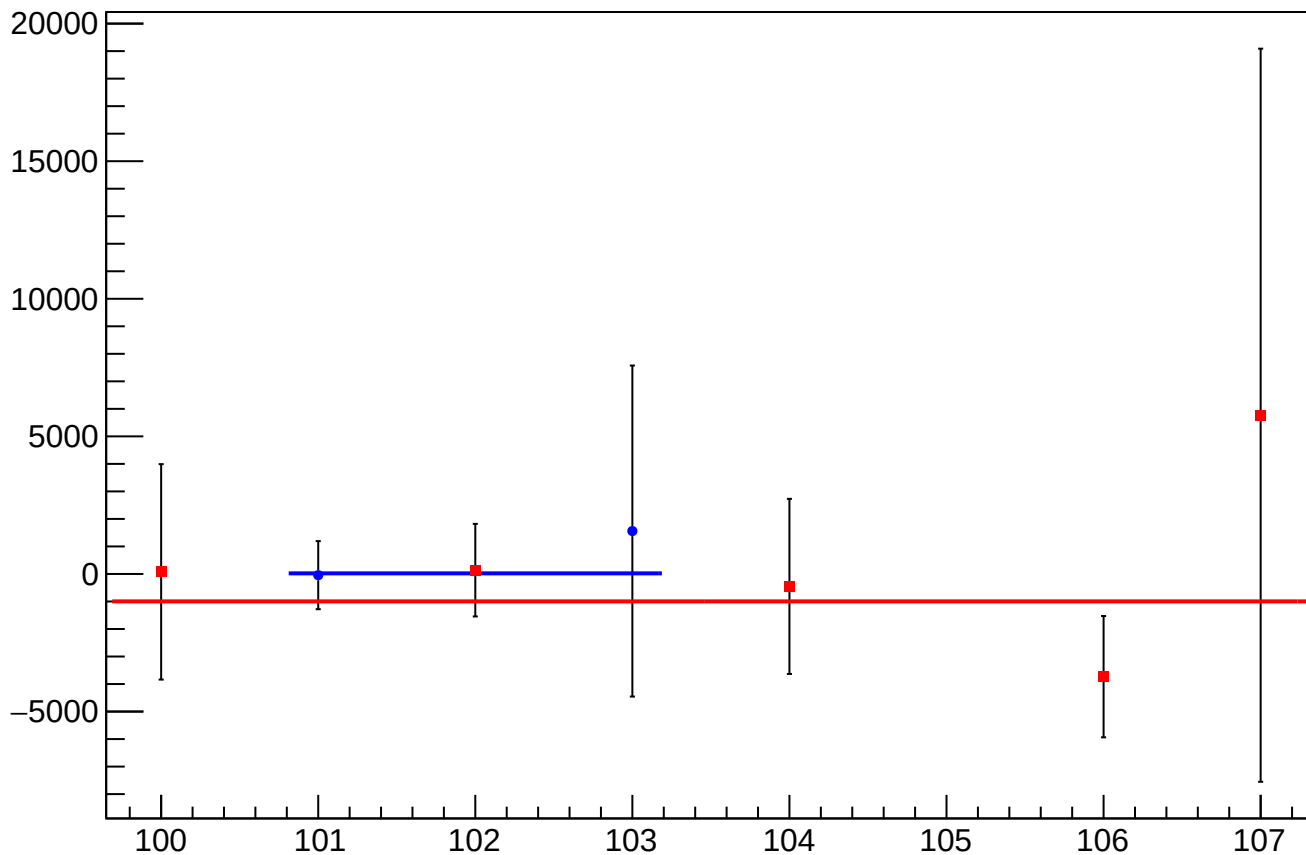
Right: 2762.315+/-1.131 χ^2/NDF : 89863.3/6

In: 2577.964+/-1.625 χ^2/NDF : 5167.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2762.315+/-1.131 χ^2/NDF : 89863.3/6

asym_atl1_reg_correction_mean vs Slug, Sign Corrected



Right In: 21.617+/-1212.072 χ^2/NDF : 0.1/1

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

Right Out: -996.567+/-1171.443 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

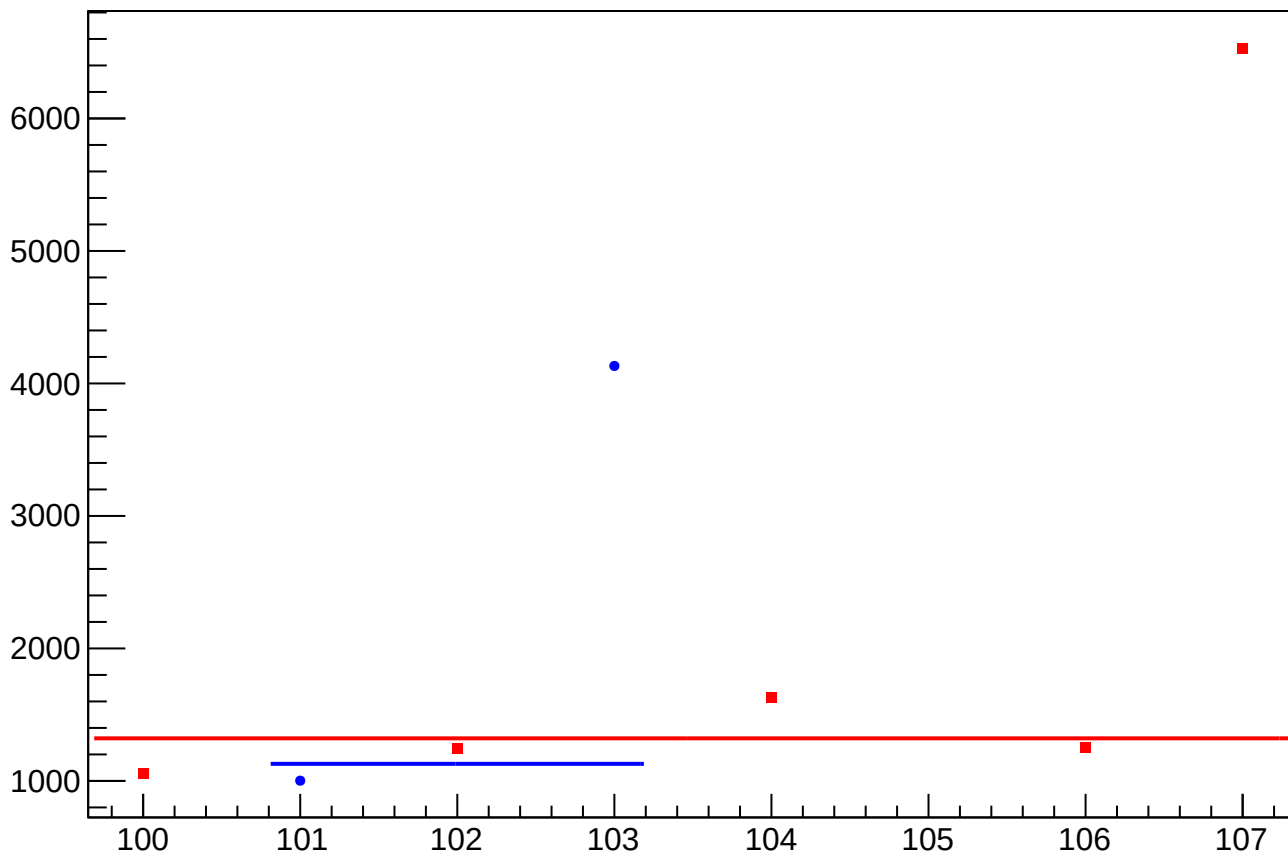
Right: -504.826+/-842.333 χ^2/NDF : 2.8/6

In: 21.617+/-1212.072 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -504.826+/-842.333 χ^2/NDF : 2.8/6

asym_atl1_reg_correction_rms vs Slug, Sign Corrected



Right In: 1129.009+/-0.857 χ^2/NDF : 519593.4/1

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

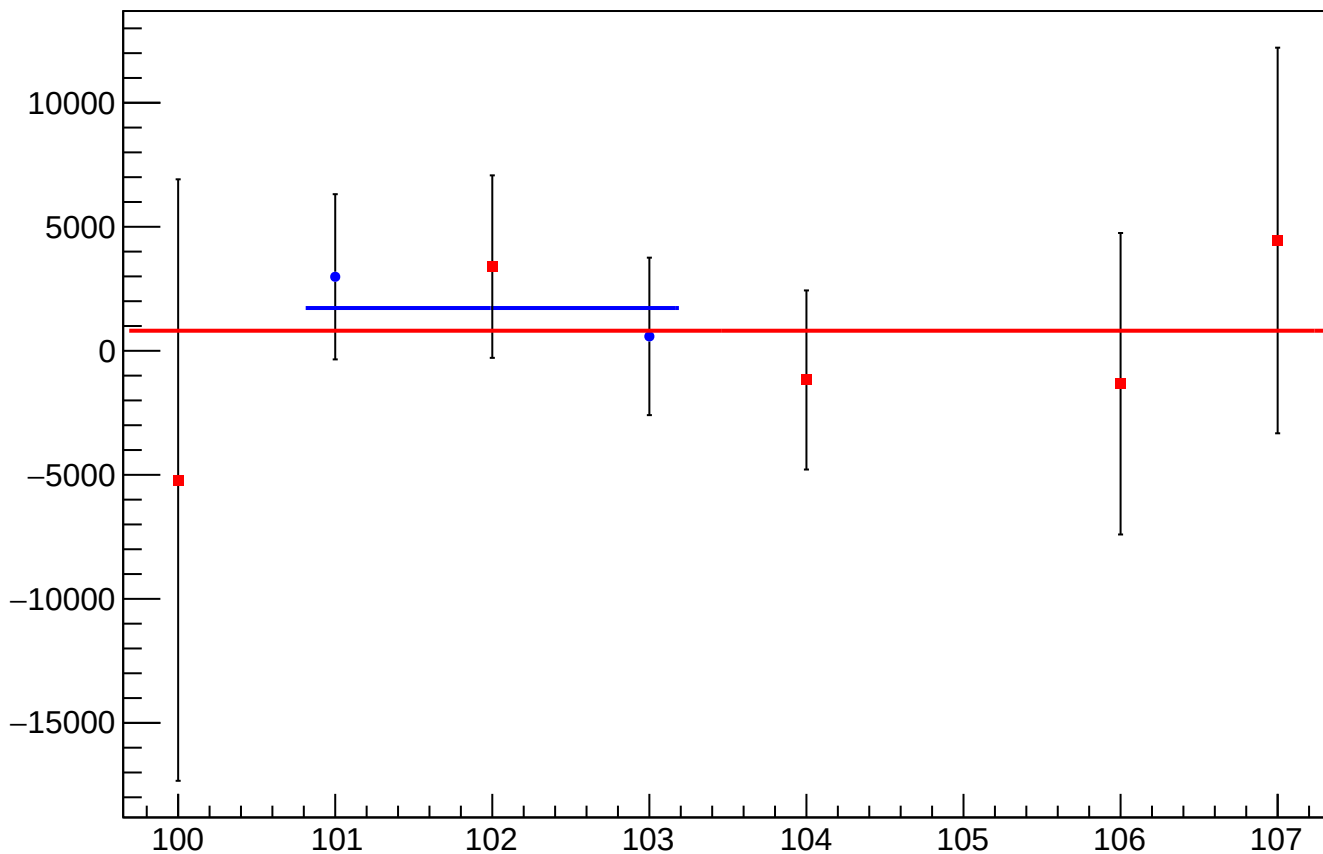
Right: 1228.535+/-0.596 χ^2/NDF : 885276.1/6

In: 1129.009+/-0.857 χ^2/NDF : 519593.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1228.535+/-0.596 χ^2/NDF : 885276.1/6

cor_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1725.156+/-2297.694 χ^2 /NDF: 0.3/1

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

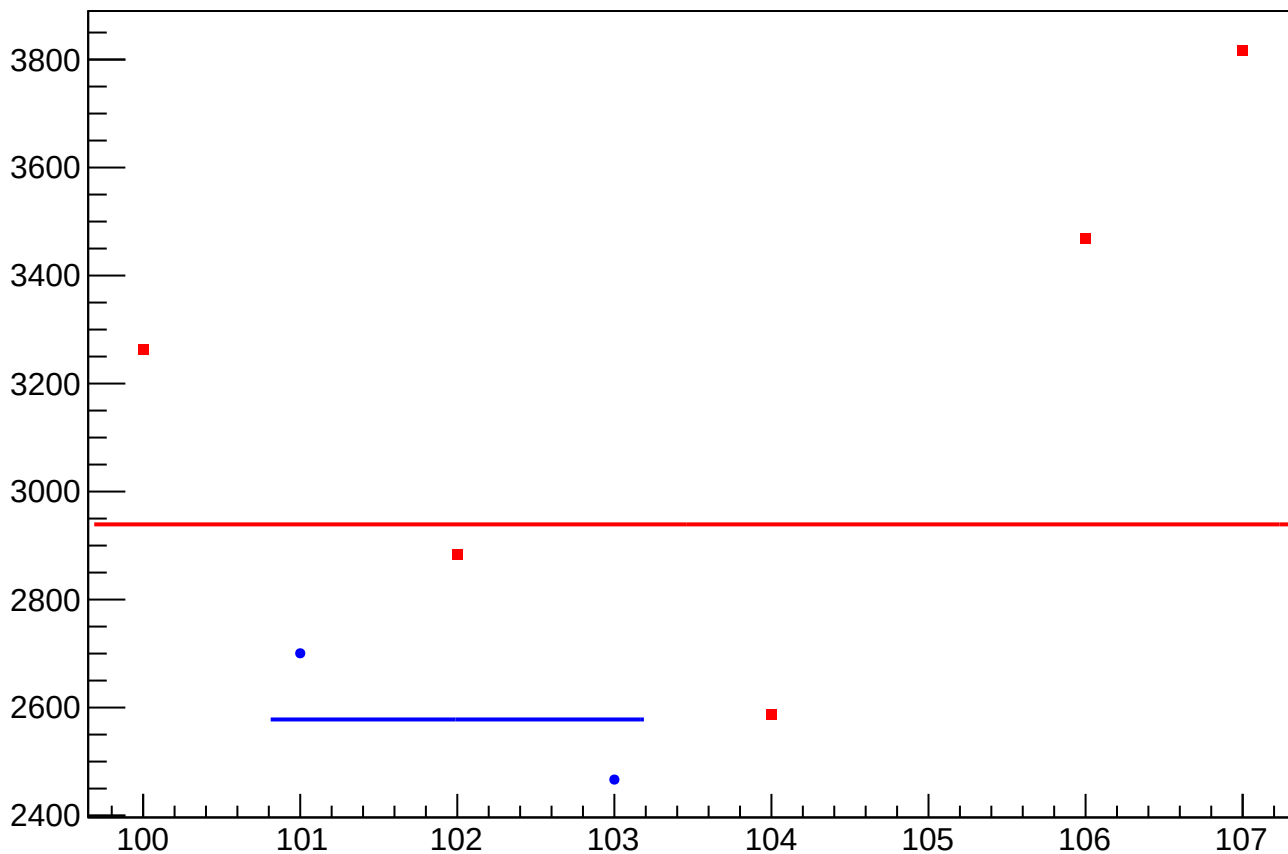
Right: 1253.950+/-1600.332 χ^2 /NDF: 1.7/6

In: 1725.156+/-2297.694 χ^2 /NDF: 0.3/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1253.950+/-1600.332 χ^2 /NDF: 1.7/6

cor_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2577.964 $\pm$ 1.625 χ^2 /NDF: 5167.7/1

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

Right Out: 2939.215 $\pm$ 1.577 χ^2 /NDF: 61535.6/4

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

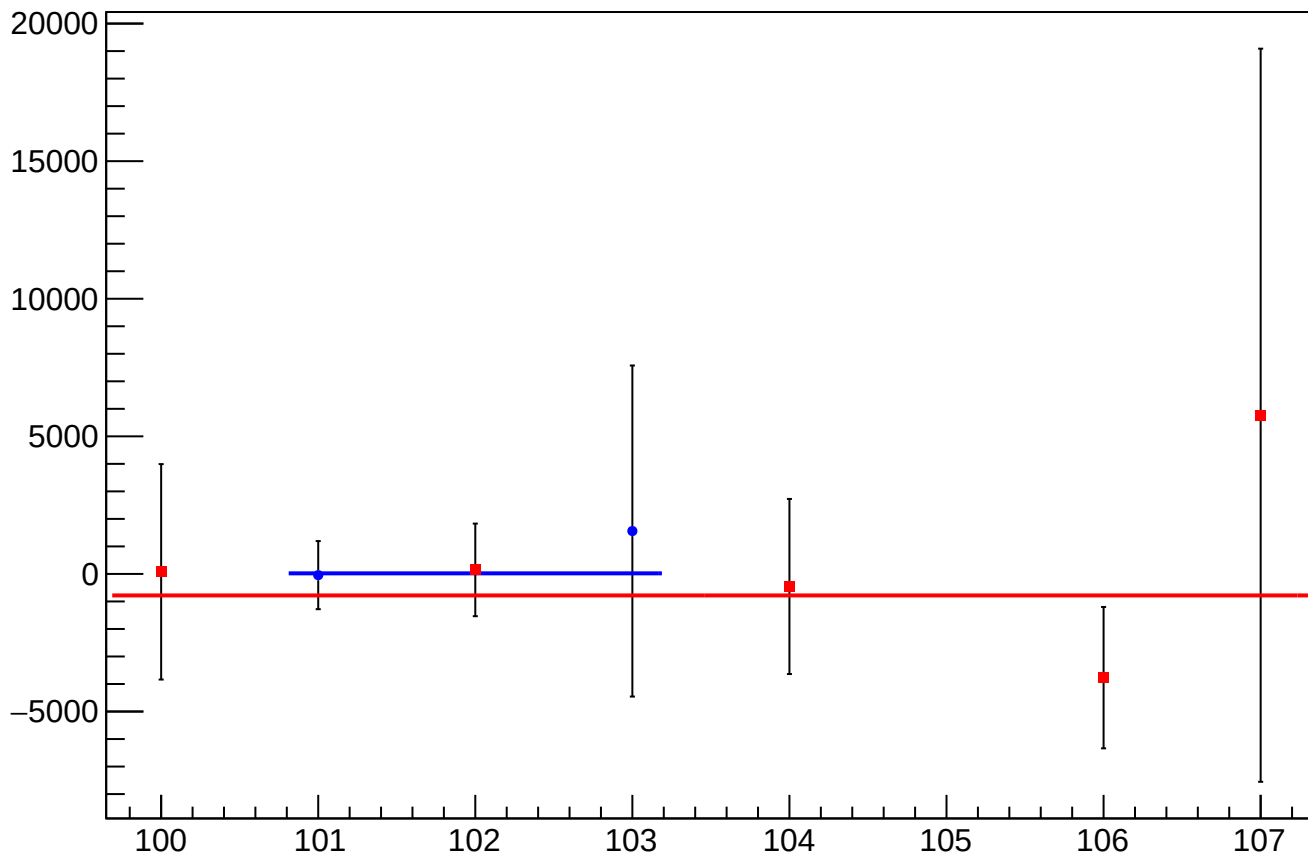
Right: 2763.971 $\pm$ 1.132 χ^2 /NDF: 92158.8/6

In: 2577.964 $\pm$ 1.625 χ^2 /NDF: 5167.7/1

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

All: 2763.971 $\pm$ 1.132 χ^2 /NDF: 92158.8/6

asym_atl1_cor_correction_mean vs Slug, Sign Corrected



Right In: 21.336+/-1212.065 χ^2/NDF : 0.1/1

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

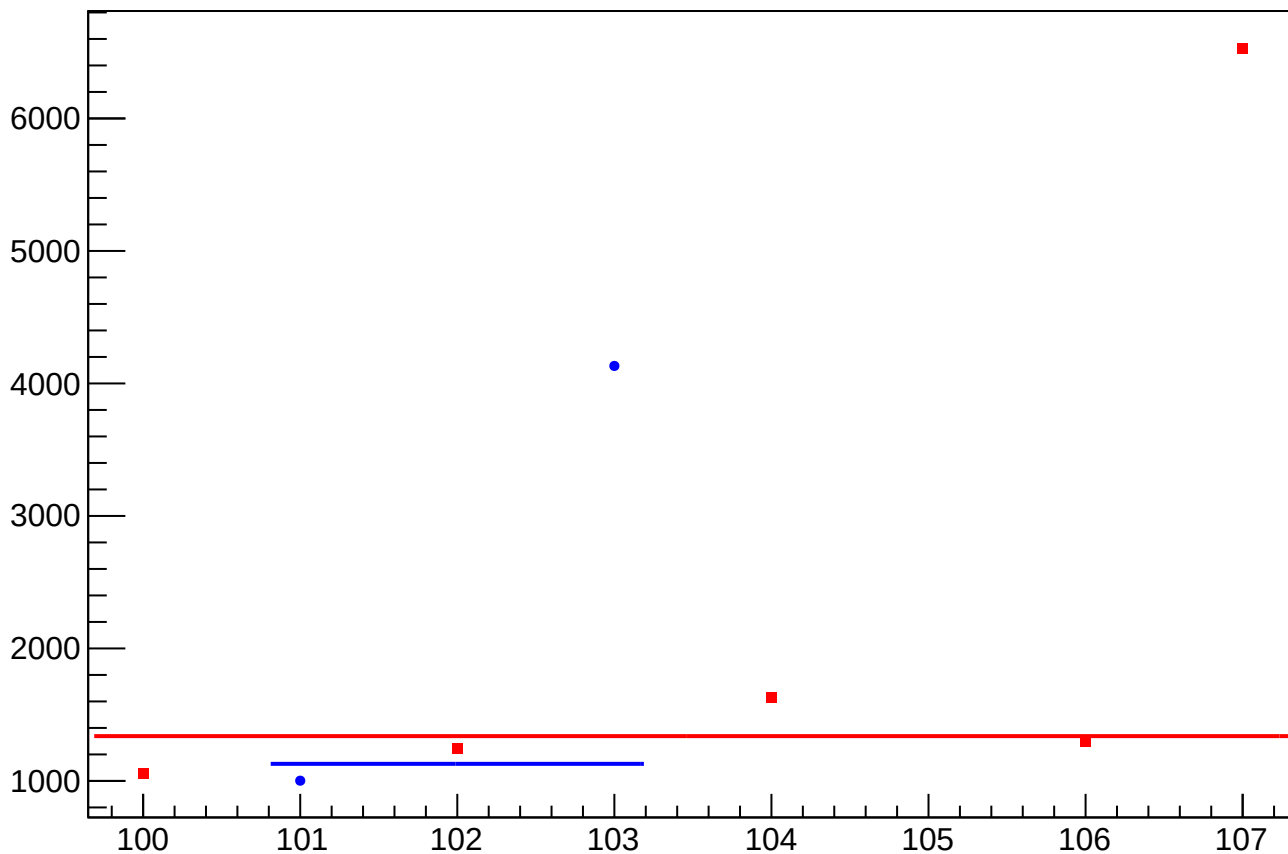
Right: -378.185+/-858.995 χ^2/NDF : 2.2/6

In: 21.336+/-1212.065 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -378.185+/-858.995 χ^2/NDF : 2.2/6

asym_atl1_cor_correction_rms vs Slug, Sign Corrected



Right In: 1128.992 $\pm$ 0.857 χ^2 /NDF: 519590.8/1

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

Right Out: 1338.221 $\pm$ 0.861 χ^2 /NDF: 337298.7/4

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

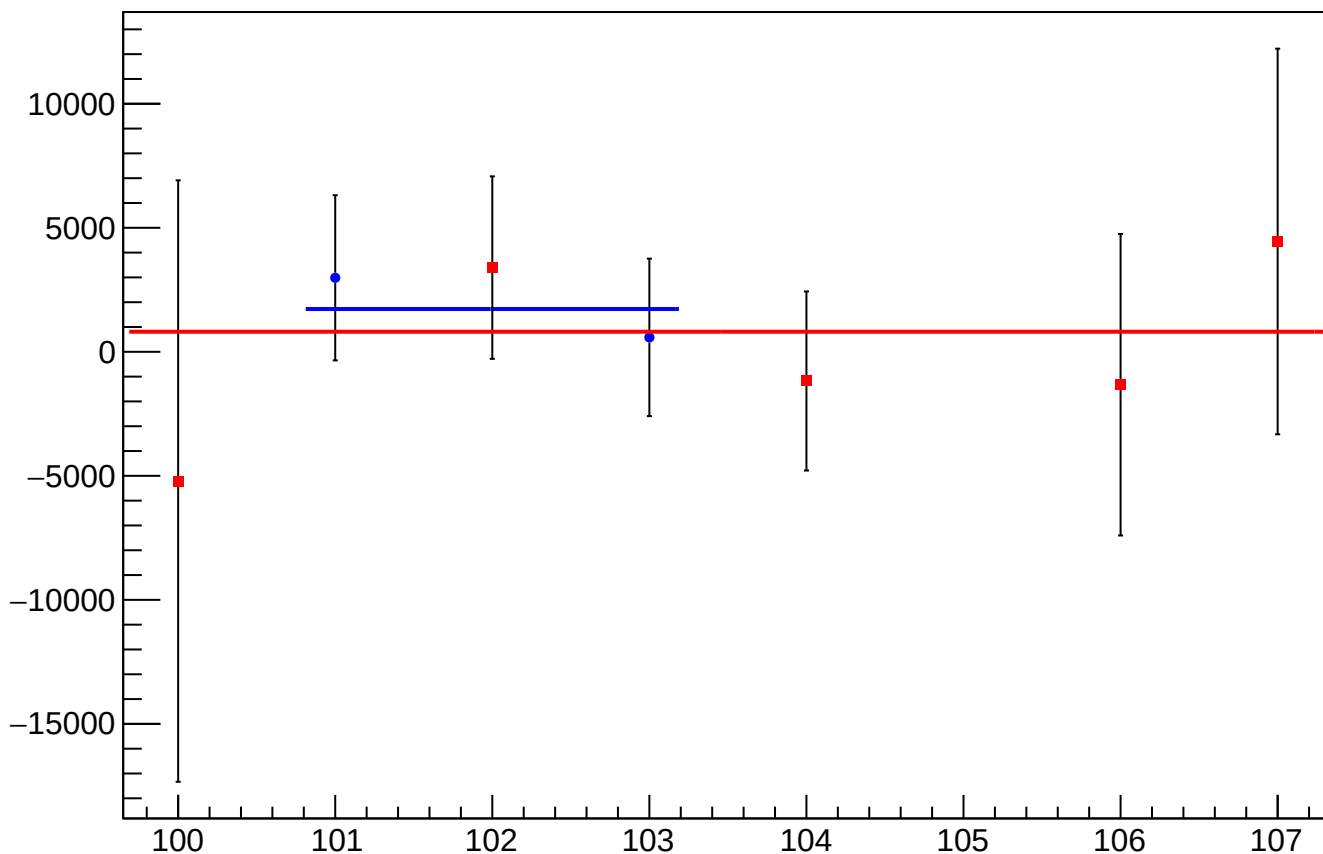
Right: 1233.133 $\pm$ 0.607 χ^2 /NDF: 886553.3/6

In: 1128.992 $\pm$ 0.857 χ^2 /NDF: 519590.8/1

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

All: 1233.133 $\pm$ 0.607 χ^2 /NDF: 886553.3/6

eigen_cor_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1725.156+/-2297.694 χ^2 /NDF: 0.3/1

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

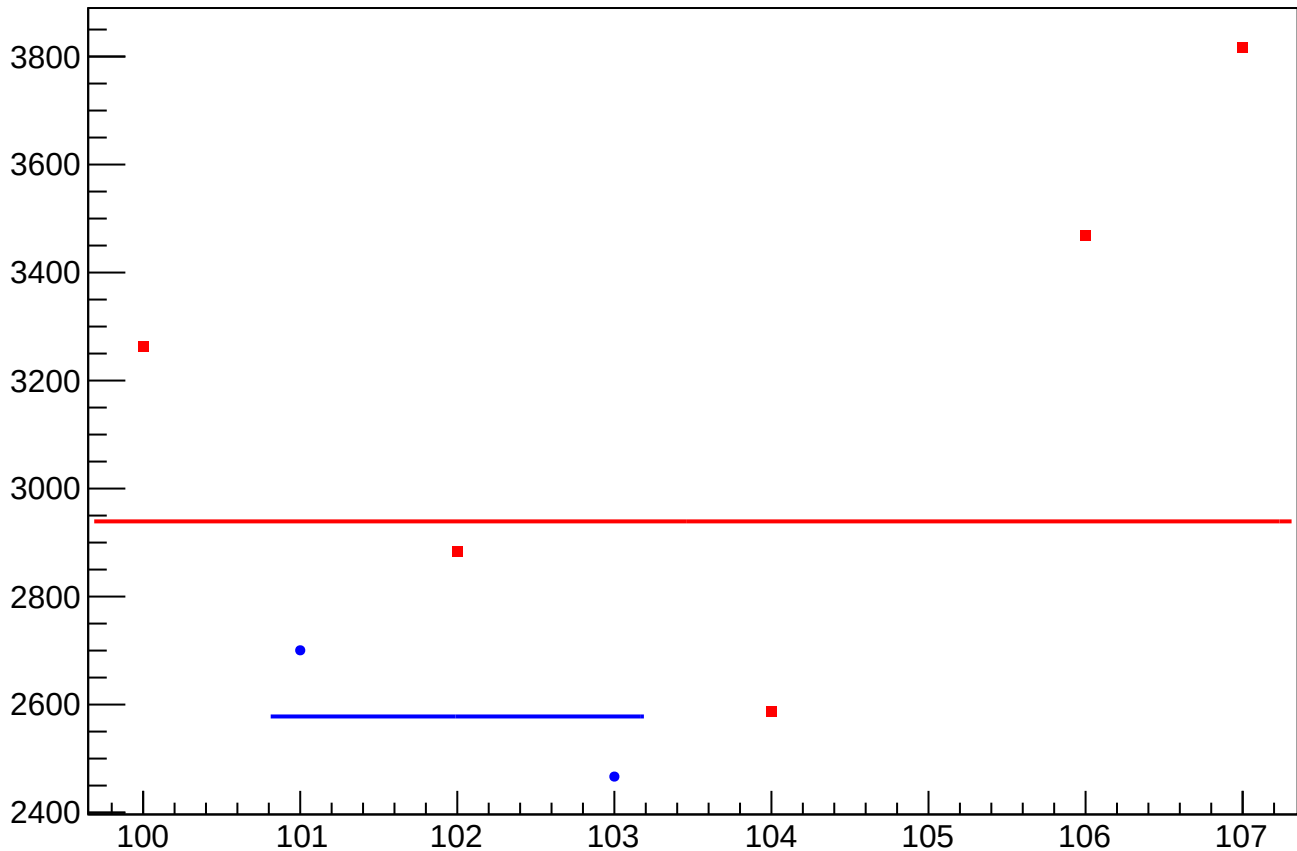
Right: 1253.950+/-1600.332 χ^2 /NDF: 1.7/6

In: 1725.156+/-2297.694 χ^2 /NDF: 0.3/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1253.950+/-1600.332 χ^2 /NDF: 1.7/6

eigen_cor_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2577.964 $\pm$ 1.625 χ^2 /NDF: 5167.7/1

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

Right Out: 2939.215 $\pm$ 1.577 χ^2 /NDF: 61535.6/4

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

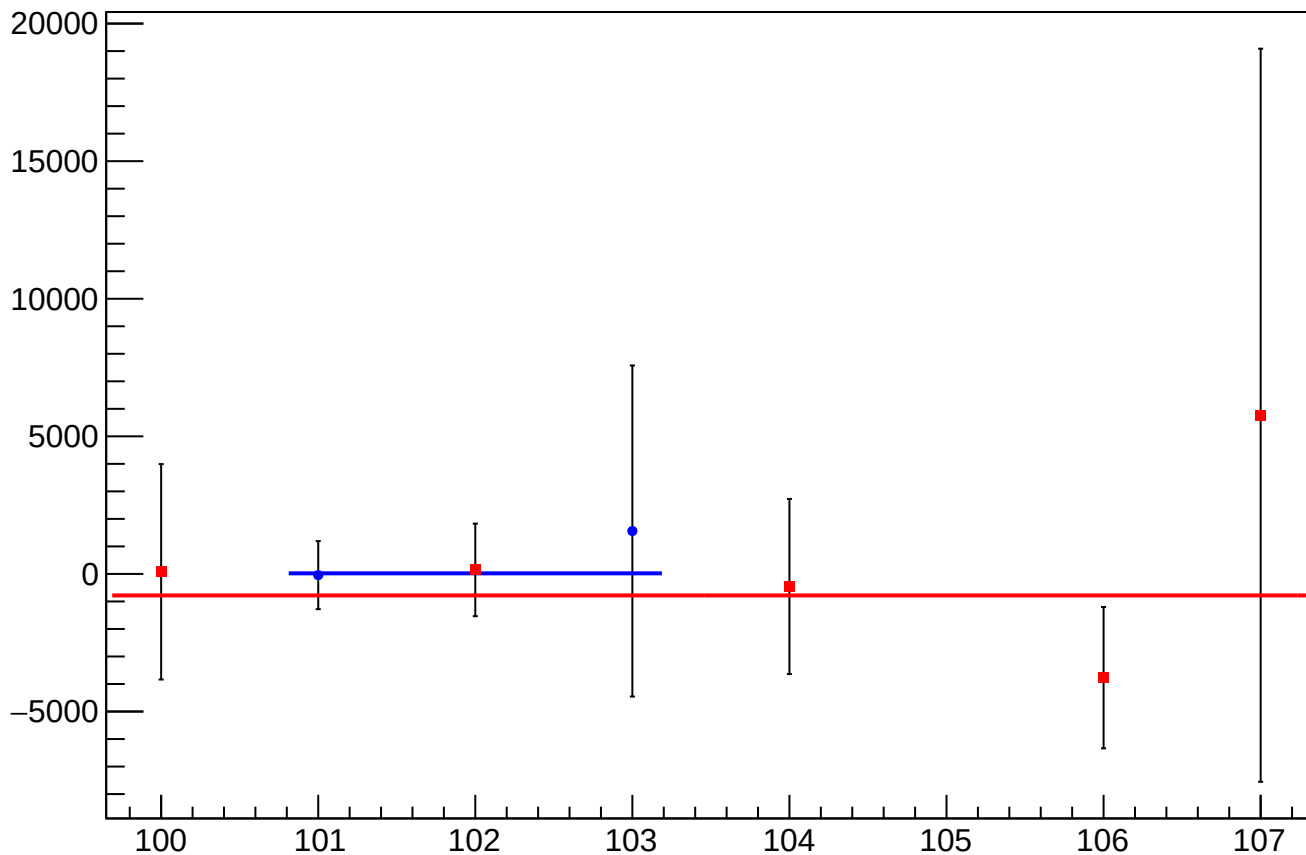
Right: 2763.971 $\pm$ 1.132 χ^2 /NDF: 92158.8/6

In: 2577.964 $\pm$ 1.625 χ^2 /NDF:5167.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2763.971 $\pm$ 1.132 χ^2 /NDF: 92158.8/6

asym_atl1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 21.336+/-1212.065 χ^2 /NDF: 0.1/1

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

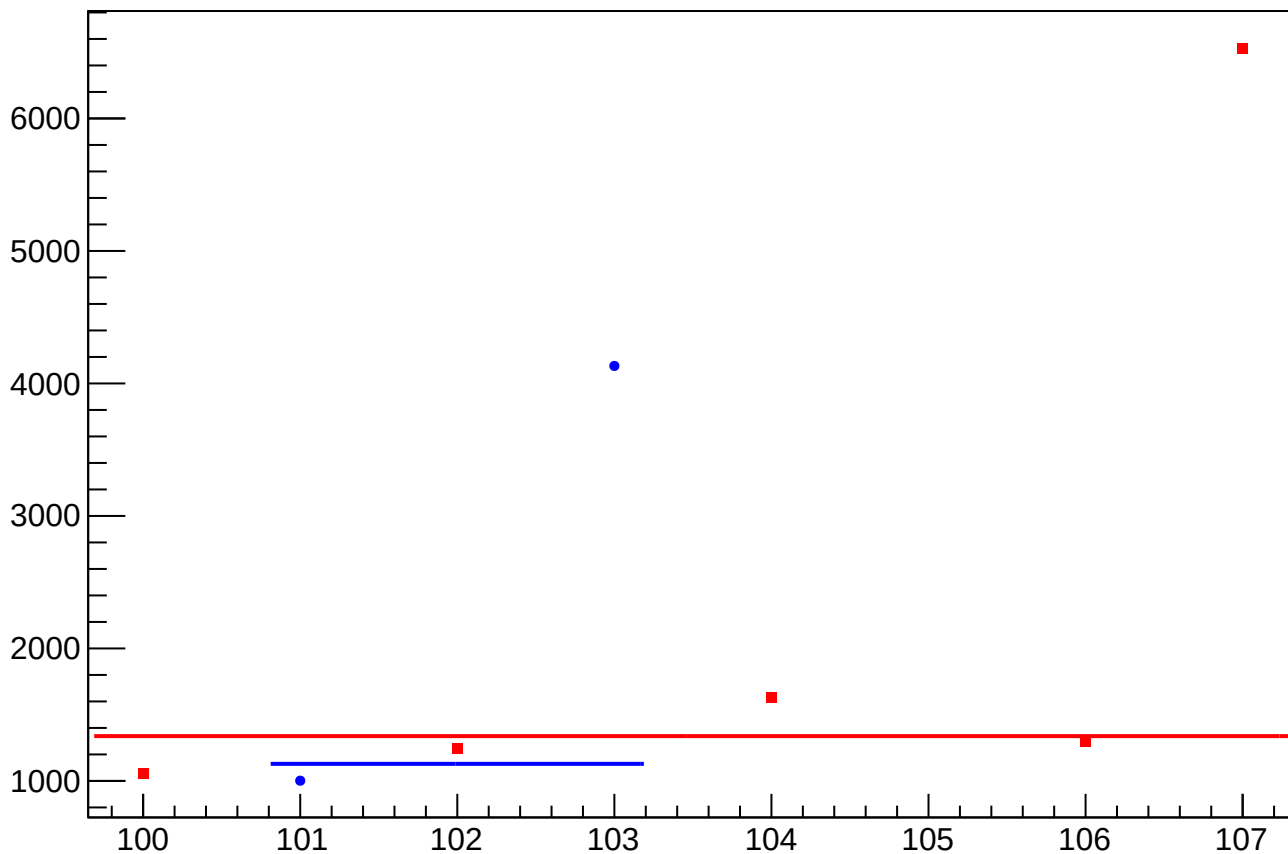
Right: -378.185+/-858.995 χ^2 /NDF: 2.2/6

In: 21.336+/-1212.065 χ^2 /NDF:0.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -378.185+/-858.995 χ^2 /NDF: 2.2/6

asym_atl1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1128.992+/-0.857 χ^2/NDF : 519590.8/1

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

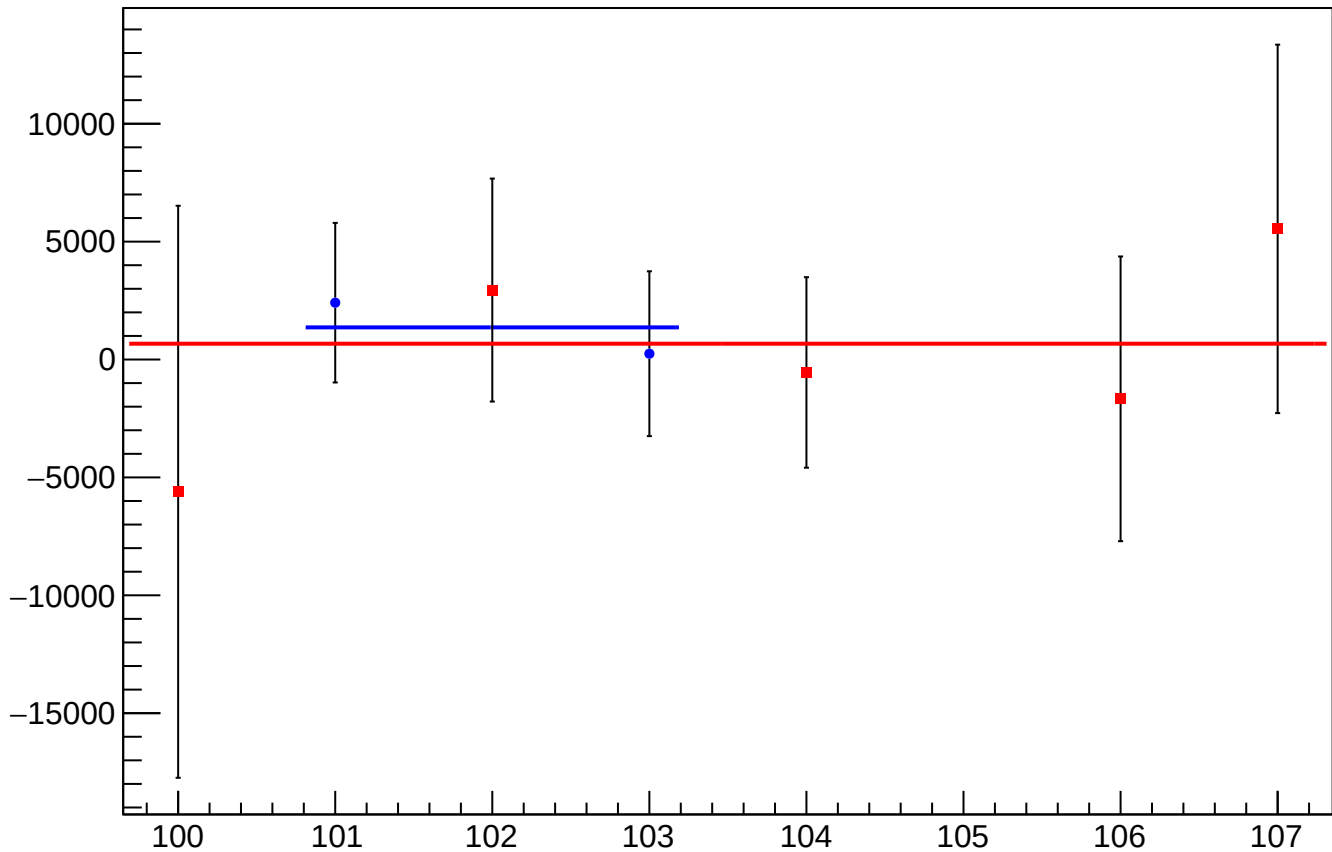
Right: 1233.133+/-0.607 χ^2/NDF : 886553.3/6

In: 1128.992+/-0.857 χ^2/NDF : 519590.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1233.133+/-0.607 χ^2/NDF : 886553.3/6

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1363.404+/-2431.436 χ^2/NDF : 0.2/1

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

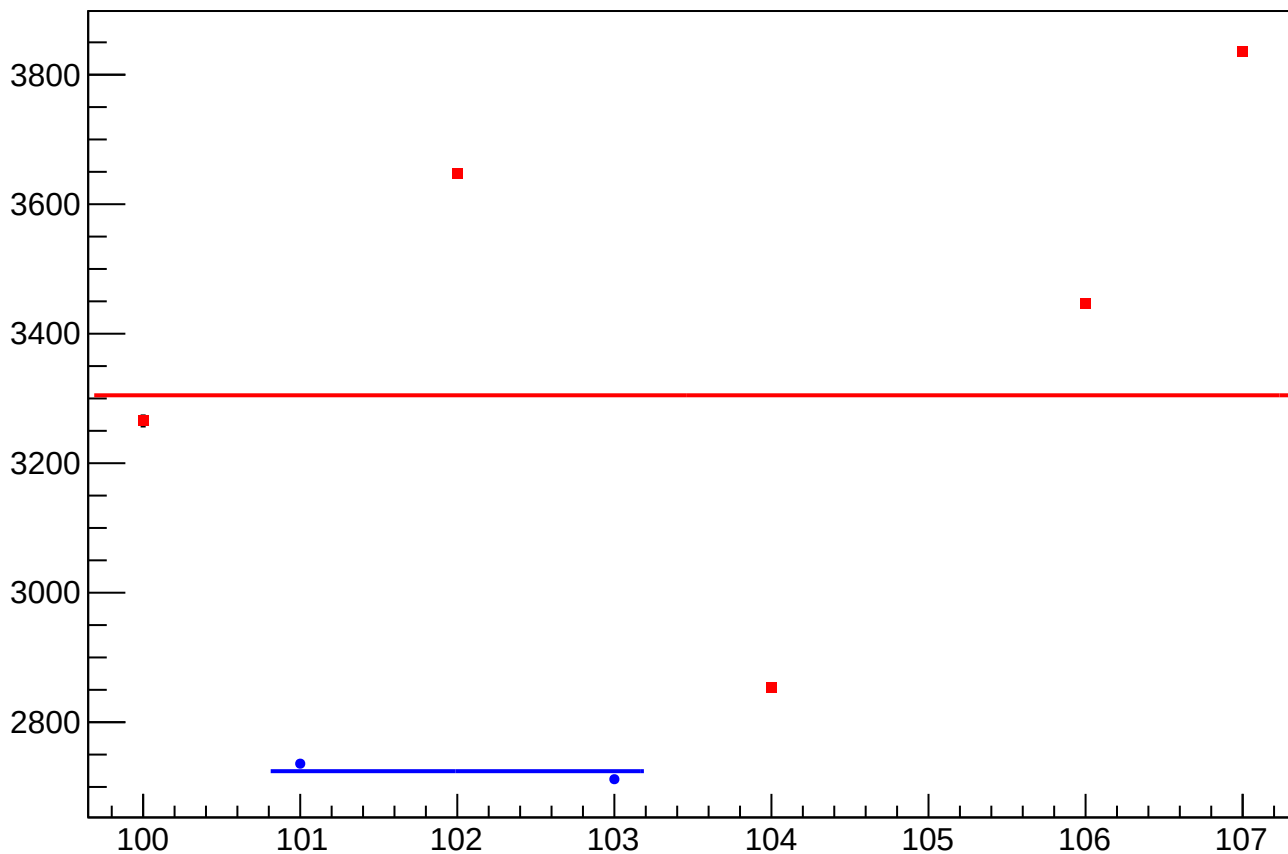
Right: 1030.407+/-1752.113 χ^2/NDF : 1.4/6

In: 1363.404+/-2431.436 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1030.407+/-1752.113 χ^2/NDF : 1.4/6

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2724.365+/-1.719 χ^2/NDF : 48.6/1

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

Right Out: 3304.886+/-1.787 χ^2/NDF : 45927.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

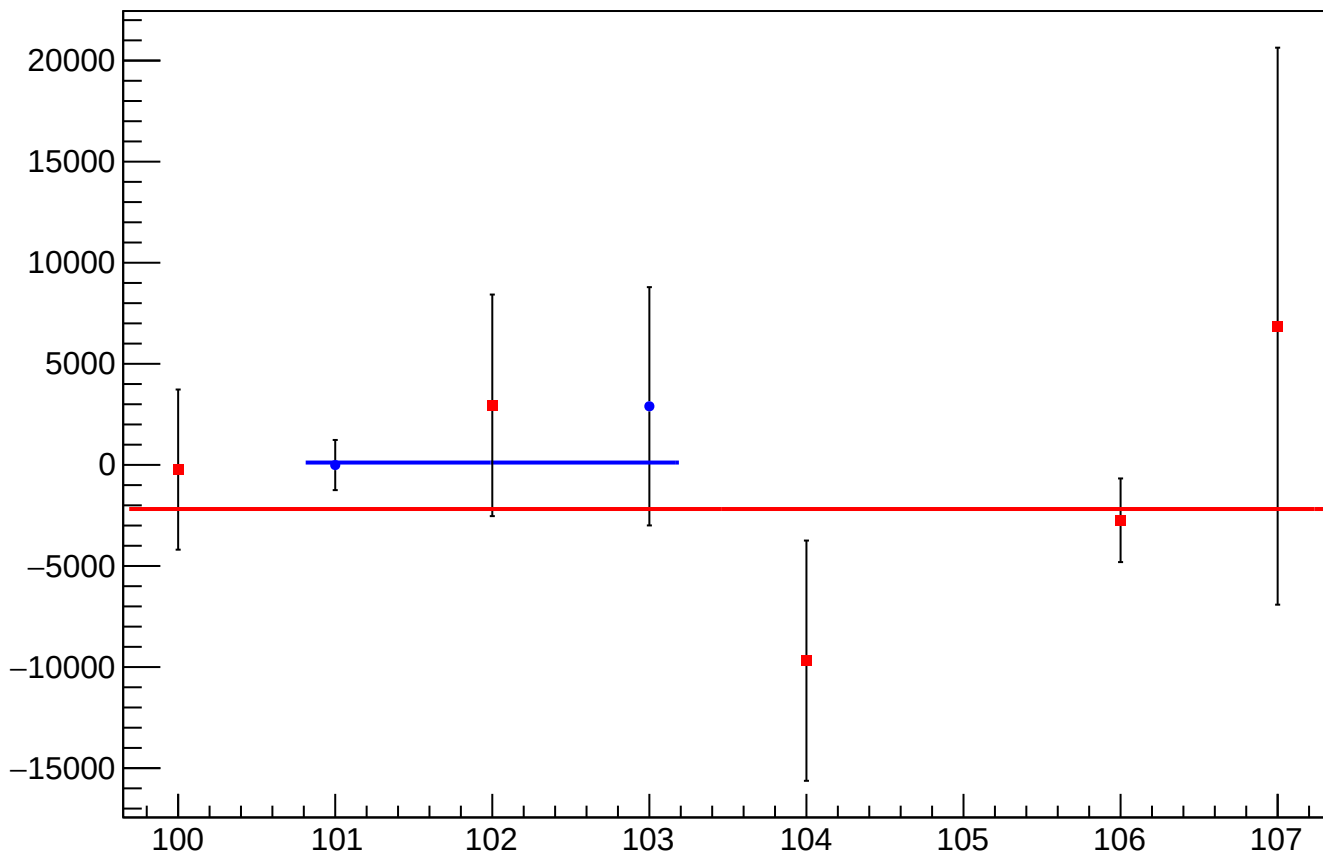
Right: 3003.435+/-1.239 χ^2/NDF : 100783.2/6

In: 2724.365+/-1.719 χ^2/NDF : 48.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3003.435+/-1.239 χ^2/NDF : 100783.2/6

asym_atl1_dit_correction_mean vs Slug, Sign Corrected



Right In: 116.156+/-1213.805 χ^2/NDF : 0.2/1

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

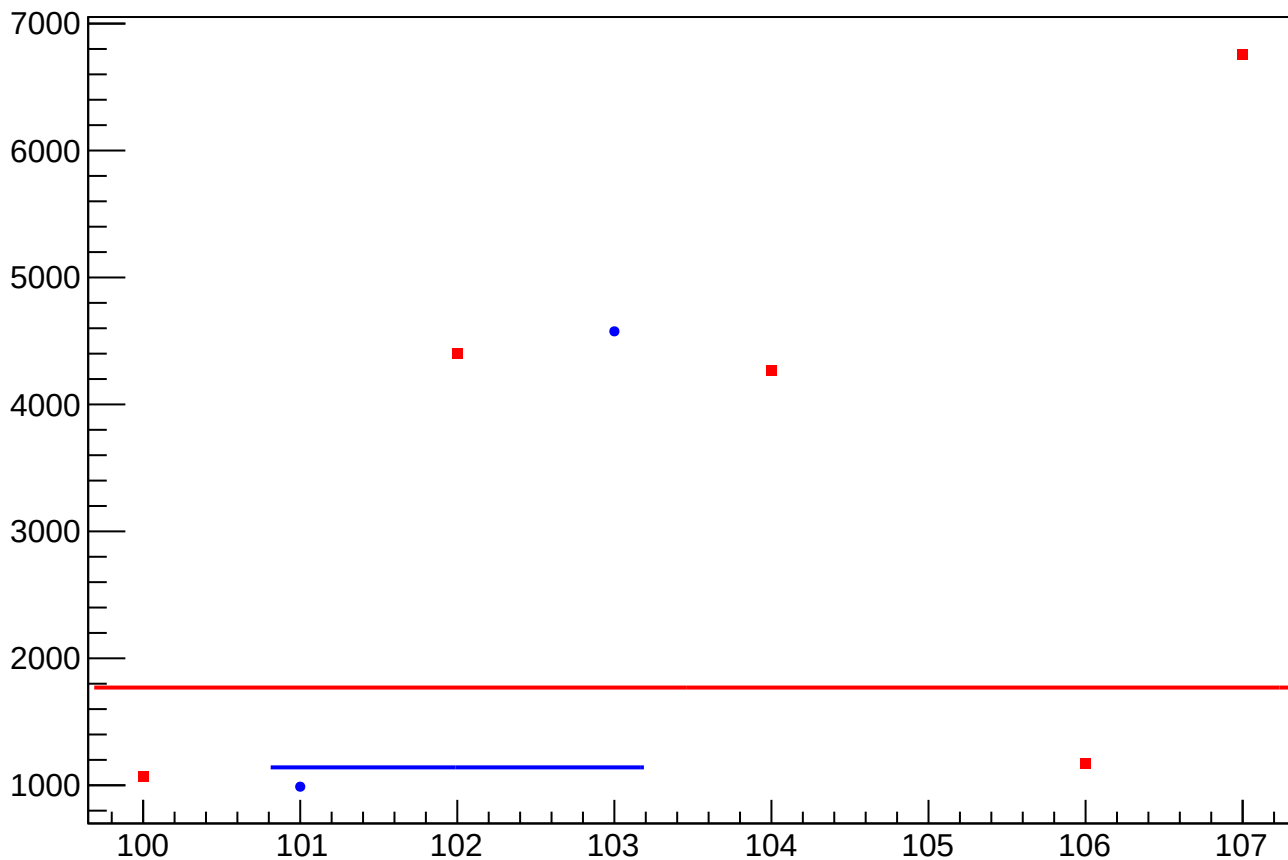
Right: -686.447+/-979.168 χ^2/NDF : 4.7/6

In: 116.156+/-1213.805 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -686.447+/-979.168 χ^2/NDF : 4.7/6

asym_atl1_dit_correction_rms vs Slug, Sign Corrected



Right In: 1141.002 $\pm$ 0.858 χ^2 /NDF: 709400.7/1

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

Right Out: 1769.754 $\pm$ 1.172 χ^2 /NDF: 1306188.1/4

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

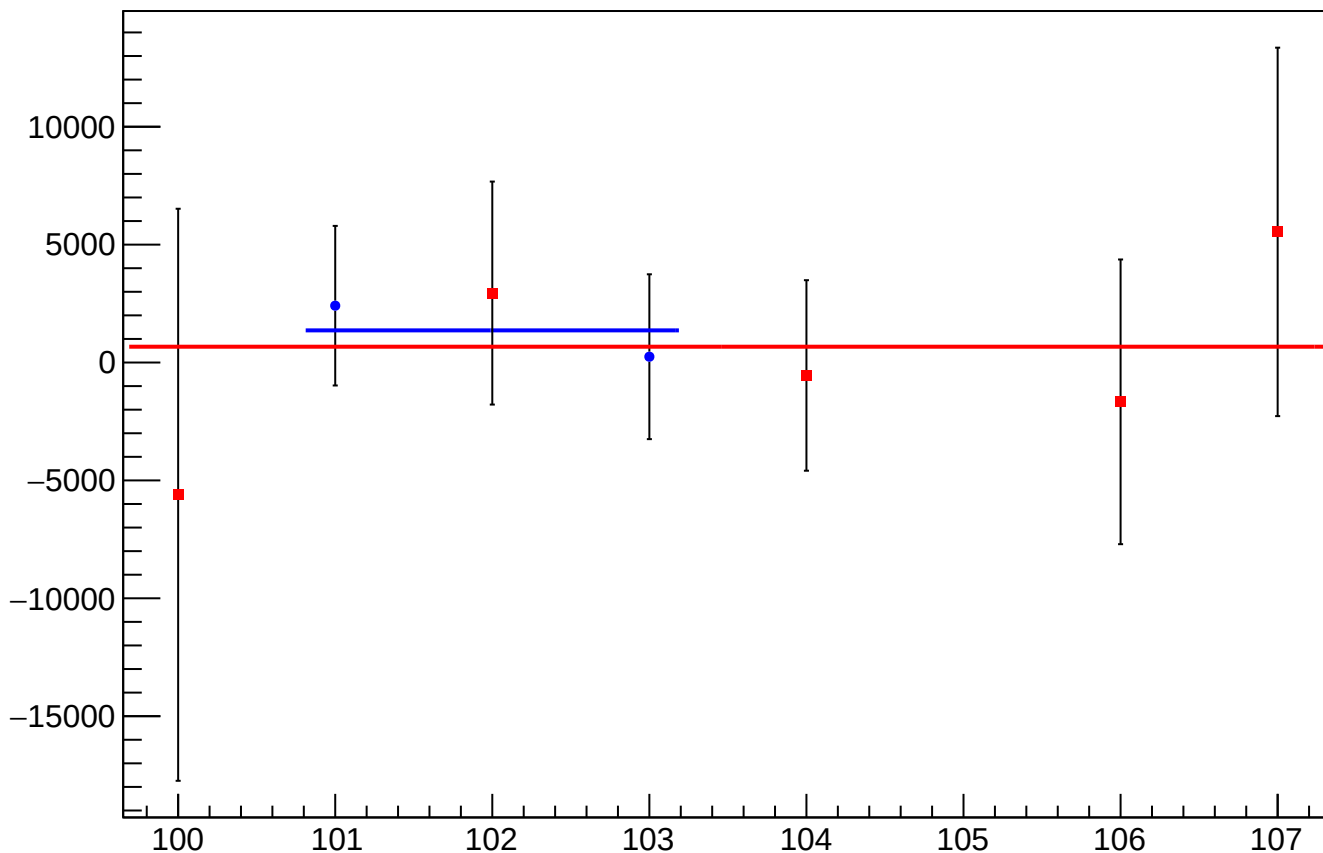
Right: 1360.592 $\pm$ 0.692 χ^2 /NDF: 2203011.5/6

In: 1141.002 $\pm$ 0.858 χ^2 /NDF: 709400.7/1

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

All: 1360.592 $\pm$ 0.692 χ^2 /NDF: 2203011.5/6

eigen_dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1363.392+/-2431.434 χ^2 /NDF: 0.2/1

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

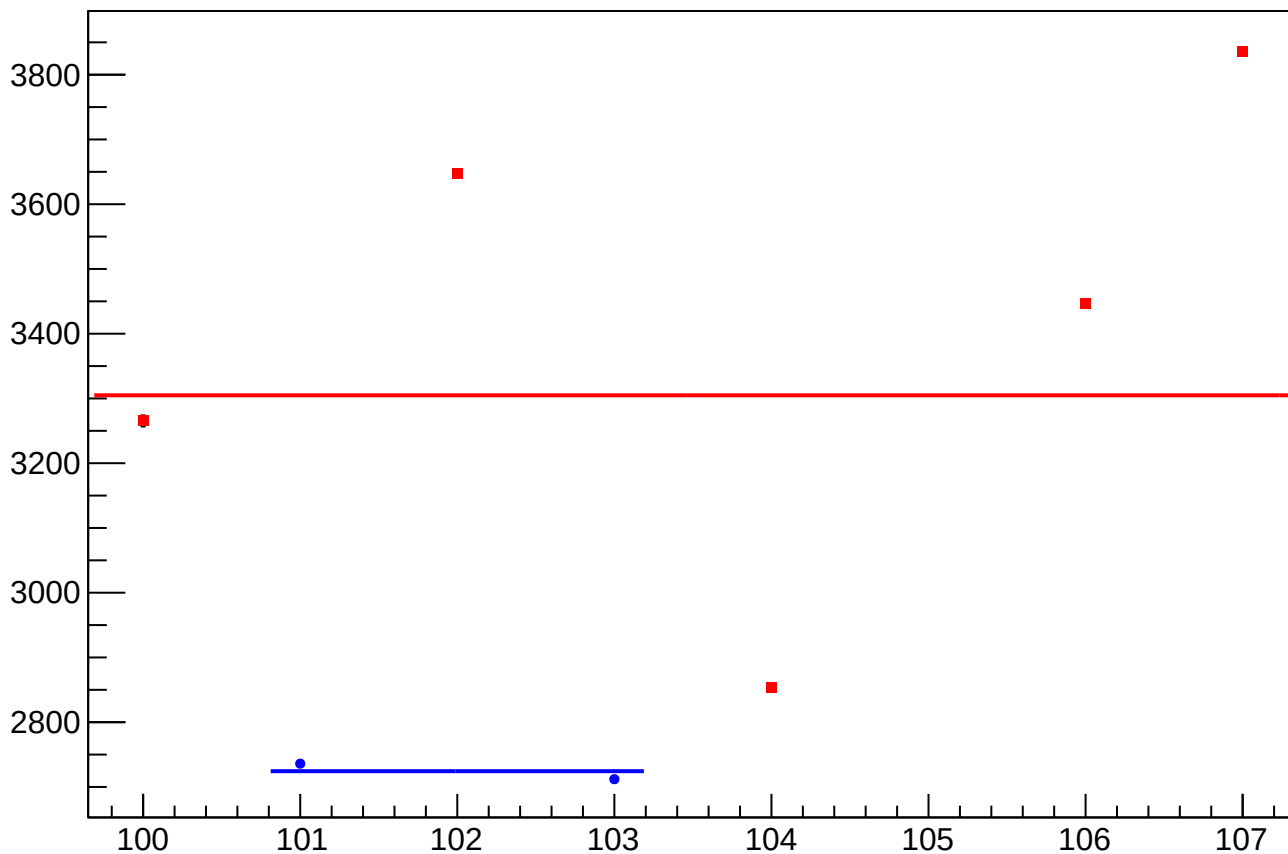
Right: 1030.396+/-1752.111 χ^2 /NDF: 1.4/6

In: 1363.392+/-2431.434 χ^2 /NDF:0.2/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1030.396+/-1752.111 χ^2 /NDF: 1.4/6

eigen_dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2724.362 ± 1.719 $\chi^2/\text{NDF}: 48.7/1$

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

Right Out: 3304.883 ± 1.787 $\chi^2/\text{NDF}: 45928.0/4$

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

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

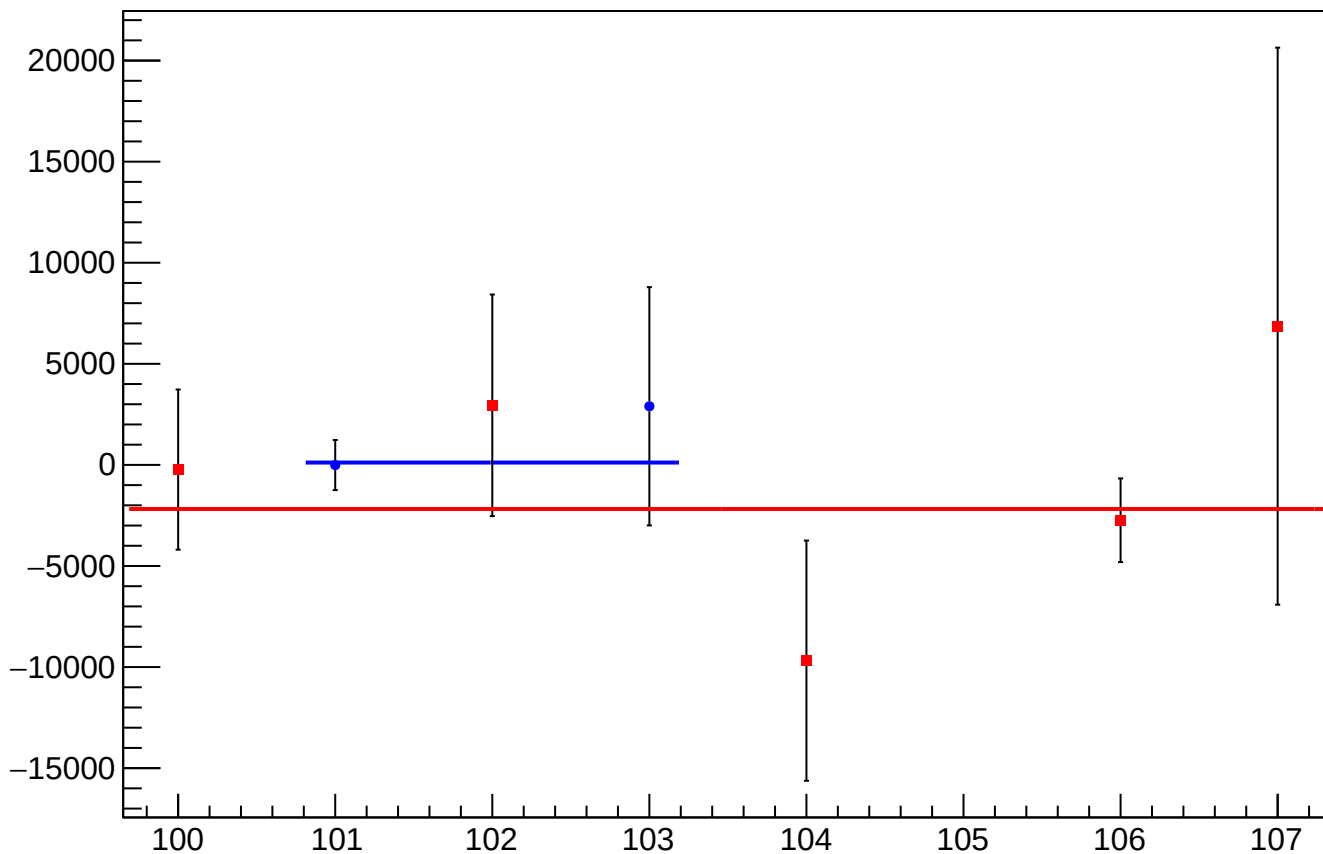
Right: 3003.432 ± 1.239 $\chi^2/\text{NDF}: 100783.7/6$

In: 2724.362 ± 1.719 $\chi^2/\text{NDF}: 48.7/1$

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

All: 3003.432 ± 1.239 $\chi^2/\text{NDF}: 100783.7/6$

asym_atl1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 116.149+/-1213.806 χ^2/NDF : 0.2/1

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

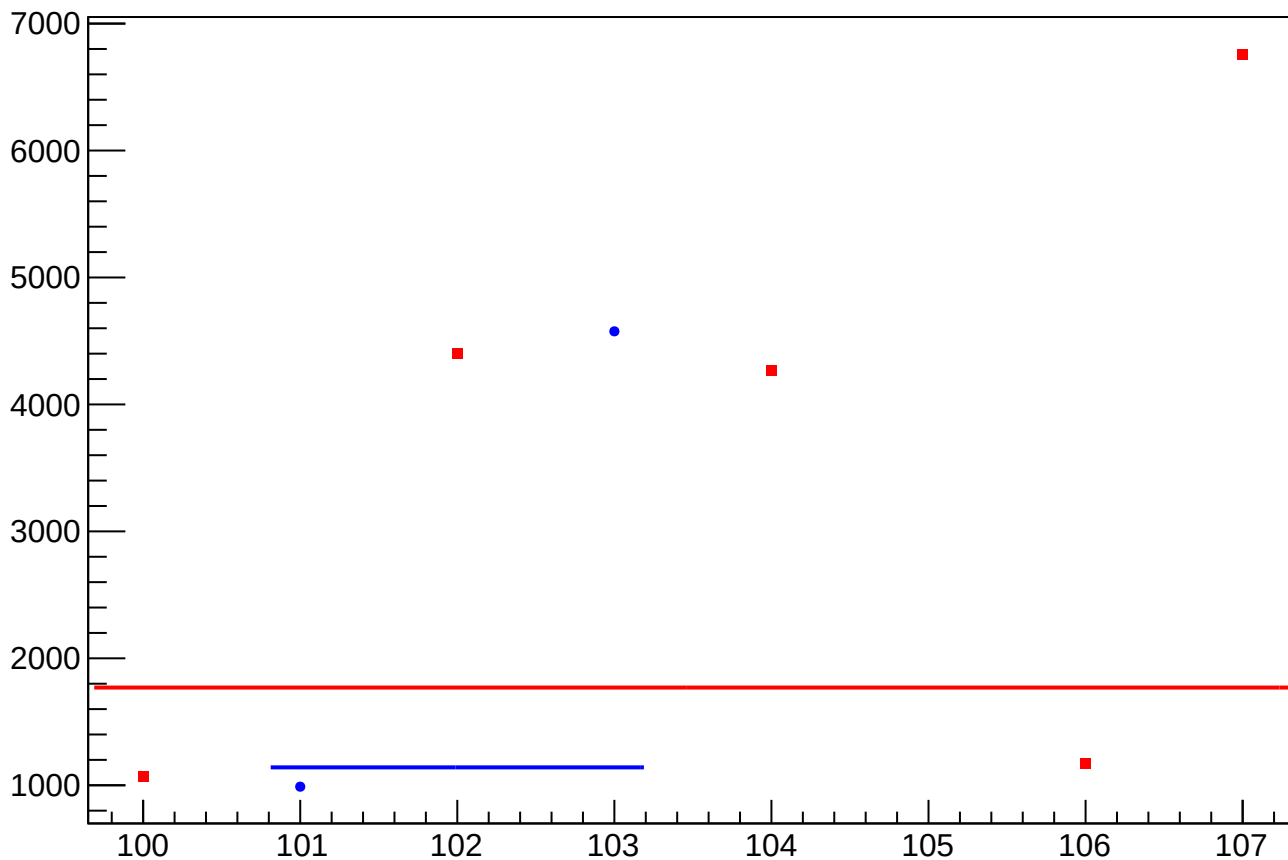
Right: -686.450+/-979.168 χ^2/NDF : 4.7/6

In: 116.149+/-1213.806 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -686.450+/-979.168 χ^2/NDF : 4.7/6

asym_atl1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1141.003 $\pm$ 0.858 χ^2 /NDF: 709401.5/1

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

Right Out: 1769.752 $\pm$ 1.172 χ^2 /NDF: 1306191.7/4

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

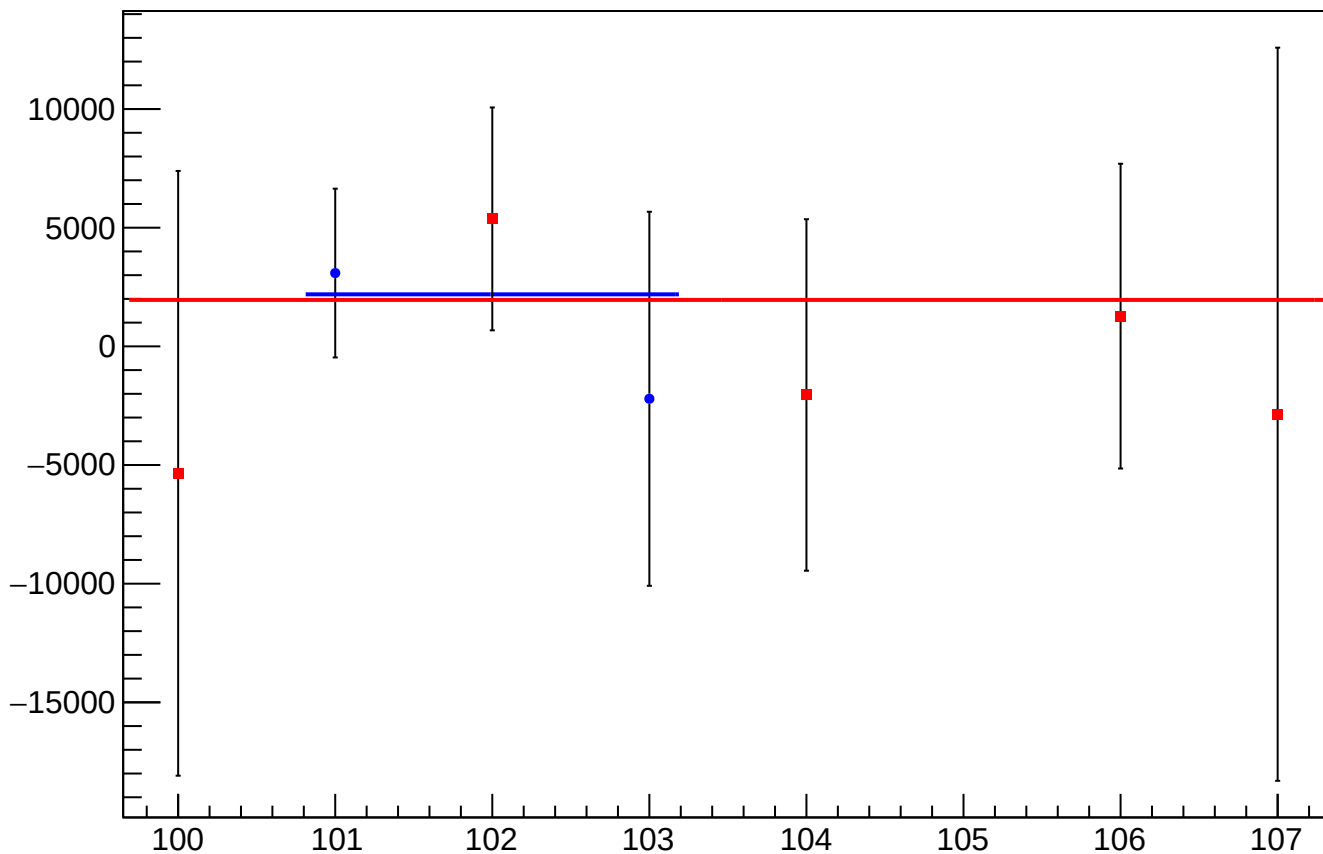
Right: 1360.592 $\pm$ 0.692 χ^2 /NDF: 2203014.6/6

In: 1141.003 $\pm$ 0.858 χ^2 /NDF: 709401.5/1

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

All: 1360.592 $\pm$ 0.692 χ^2 /NDF: 2203014.6/6

asym_atl1_mean vs Slug, Sign Corrected



Right In: 2192.318+/-3241.090 χ^2/NDF : 0.4/1

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

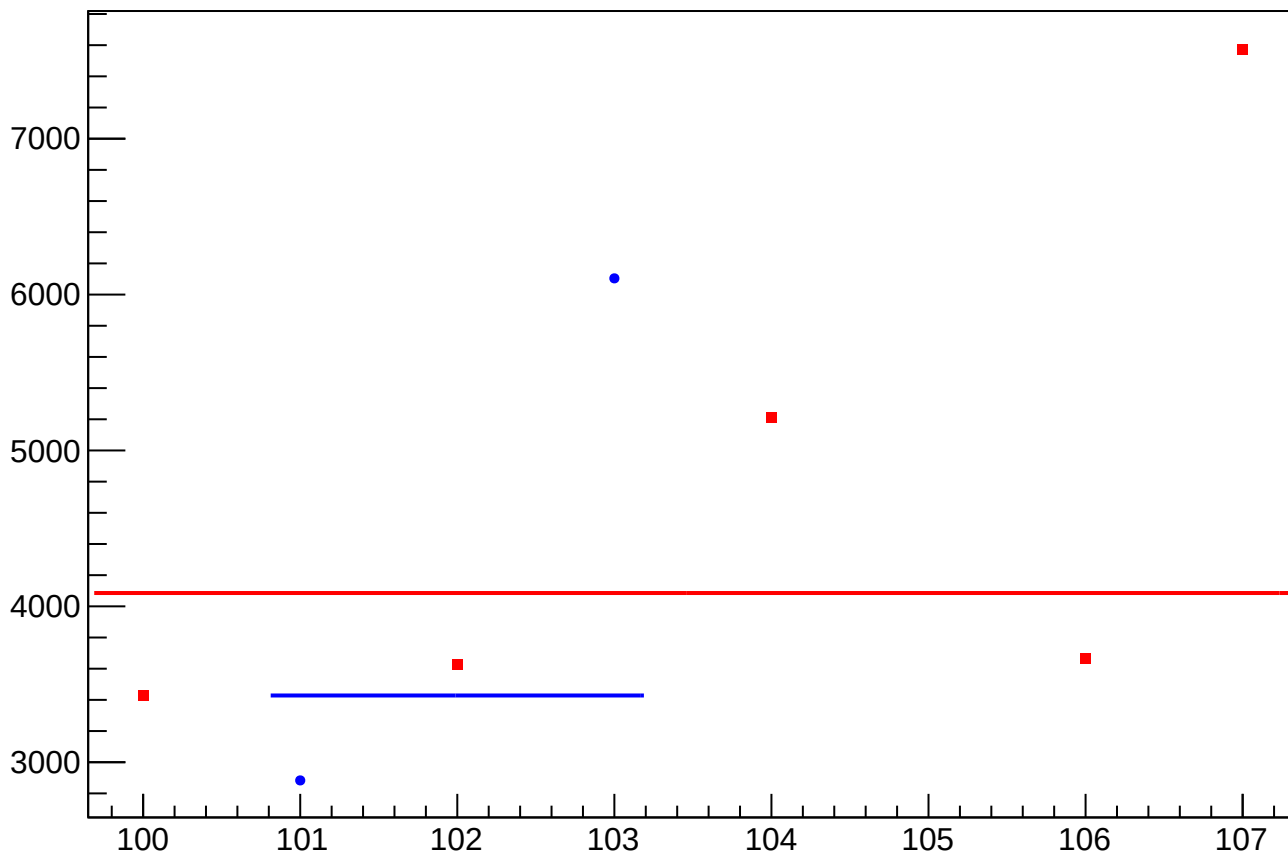
Right: 2072.996+/-2274.048 χ^2/NDF : 1.6/6

In: 2192.318+/-3241.090 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2072.996+/-2274.048 χ^2/NDF : 1.6/6

asym_atl1_rms vs Slug, Sign Corrected



Right In: 3428.120+/-2.292 χ^2/NDF : 277558.5/1

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

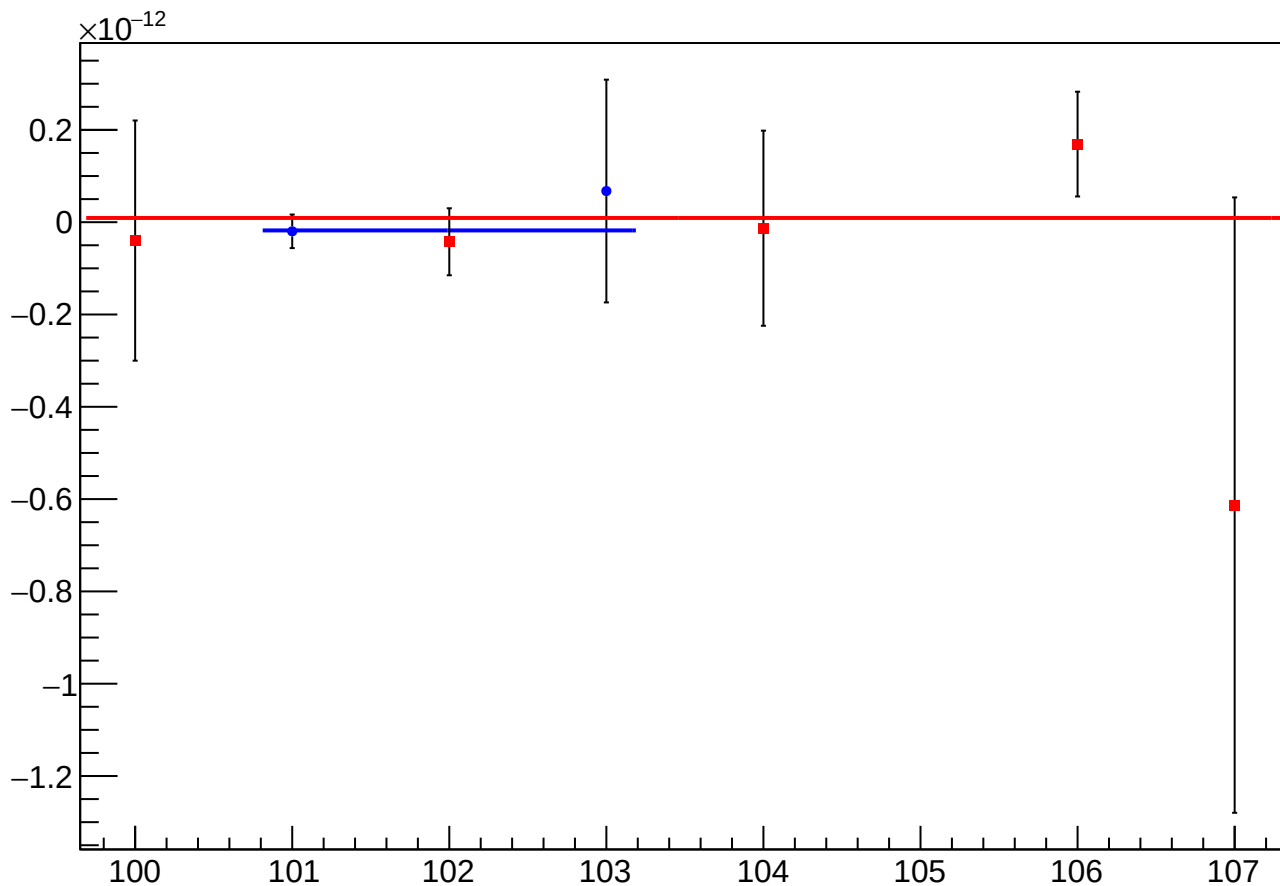
Right: 3761.865+/-1.608 χ^2/NDF : 500623.2/6

In: 3428.120+/-2.292 χ^2/NDF : 277558.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3761.865+/-1.608 χ^2/NDF : 500623.2/6

asym_atl1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/1

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

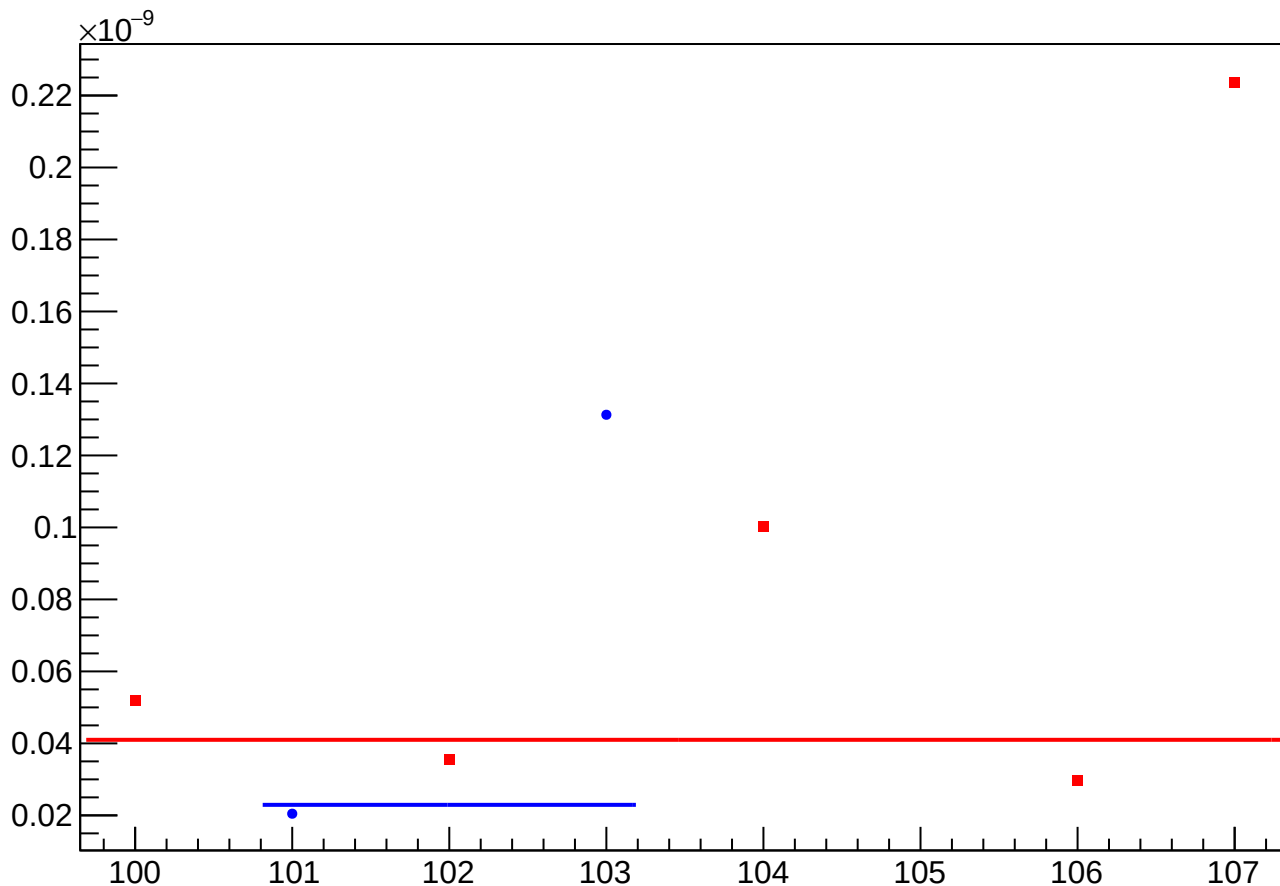
Right: -0.000+/-0.000 χ^2/NDF : 3.7/6

In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.7/6

asym_atl1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 412544.7/1

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

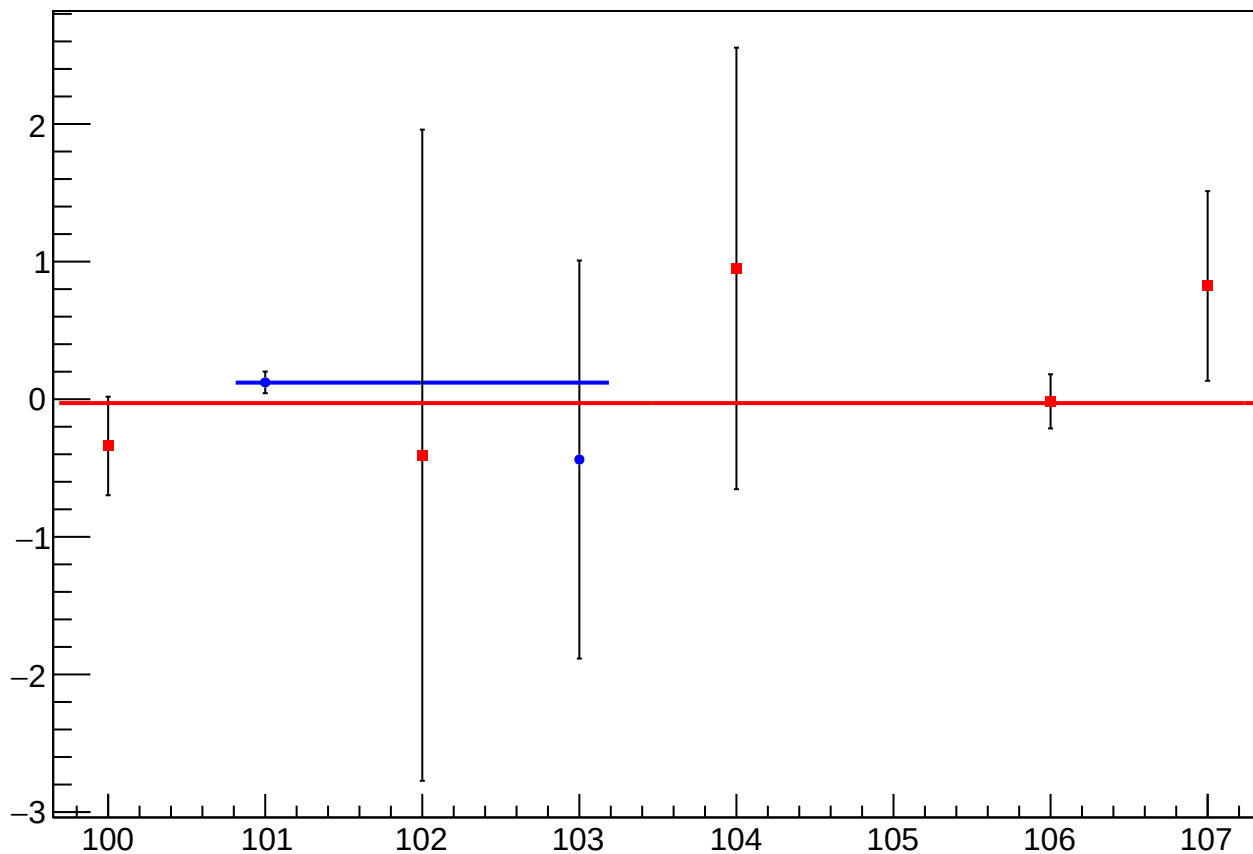
Right: 0.000+/-0.000 χ^2/NDF : 896911.6/6

In: 0.000+/-0.000 χ^2/NDF : 412544.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 896911.6/6

asym_atl1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.121+/-0.079 χ^2/NDF : 0.1/1

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

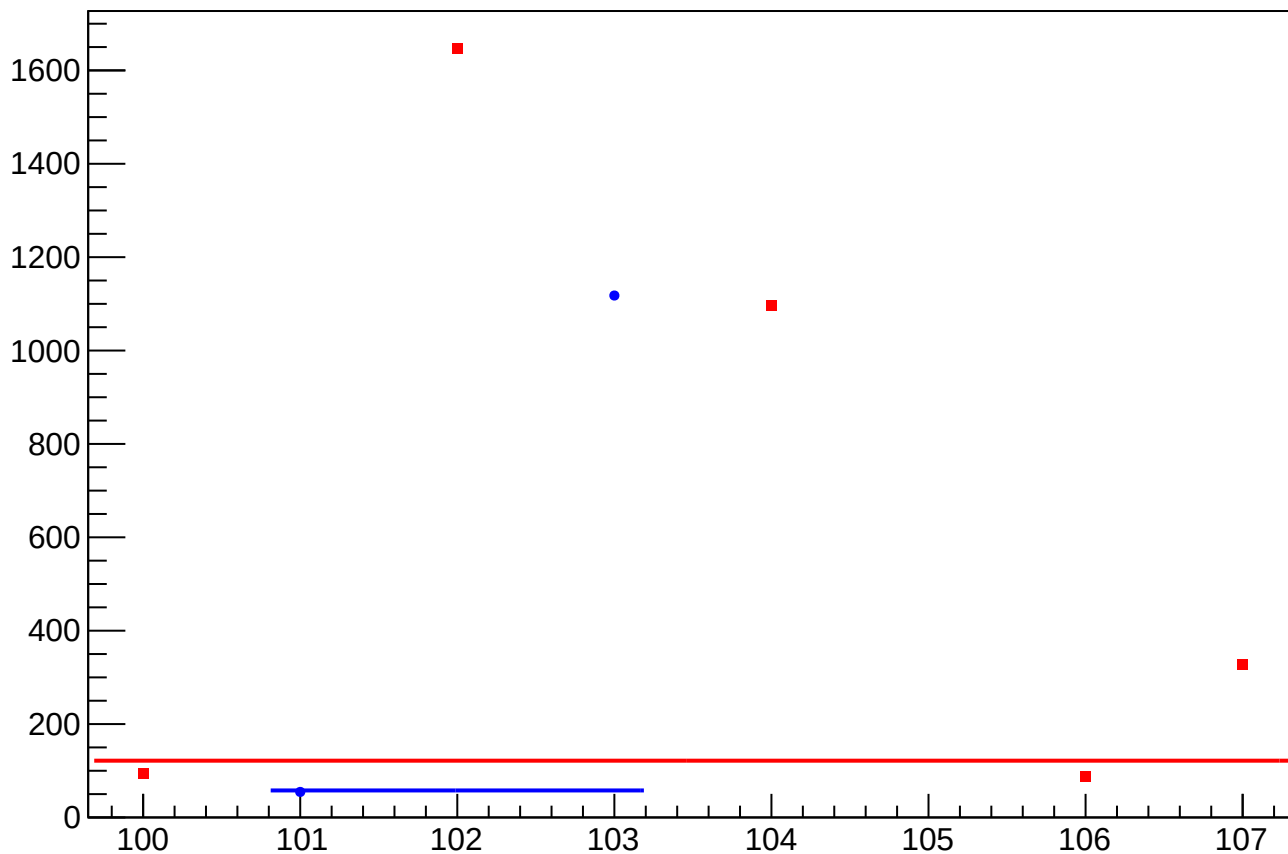
Right: 0.093+/-0.071 χ^2/NDF : 3.5/6

In: 0.121+/-0.079 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.093+/-0.071 χ^2/NDF : 3.5/6

asym_atl1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.843+/-0.056 χ^2/NDF : 1077504.7/1

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

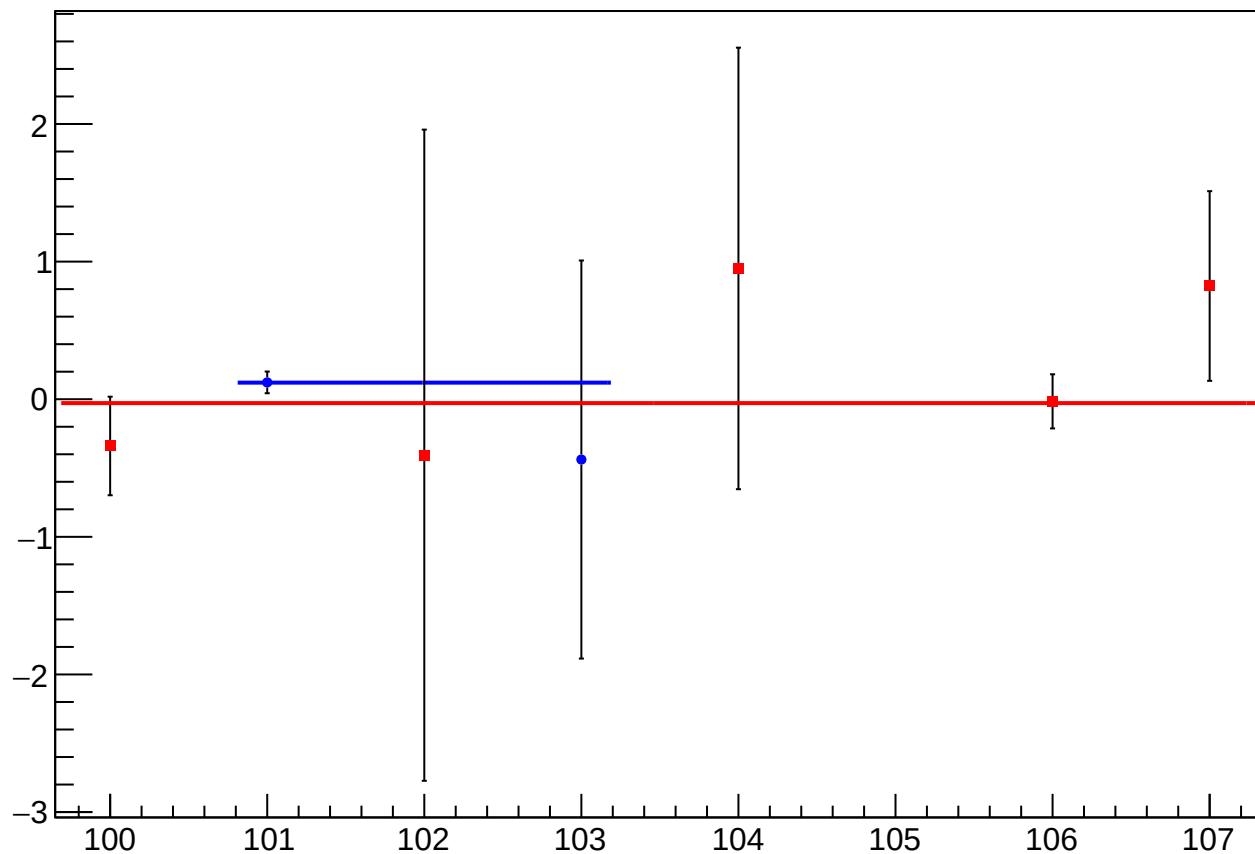
Right: 69.542+/-0.050 χ^2/NDF : 3135468.0/6

In: 57.843+/-0.056 χ^2/NDF : 1077504.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.542+/-0.050 χ^2/NDF : 3135468.0/6

asym_atl1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.121+/-0.079 χ^2/NDF : 0.1/1

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

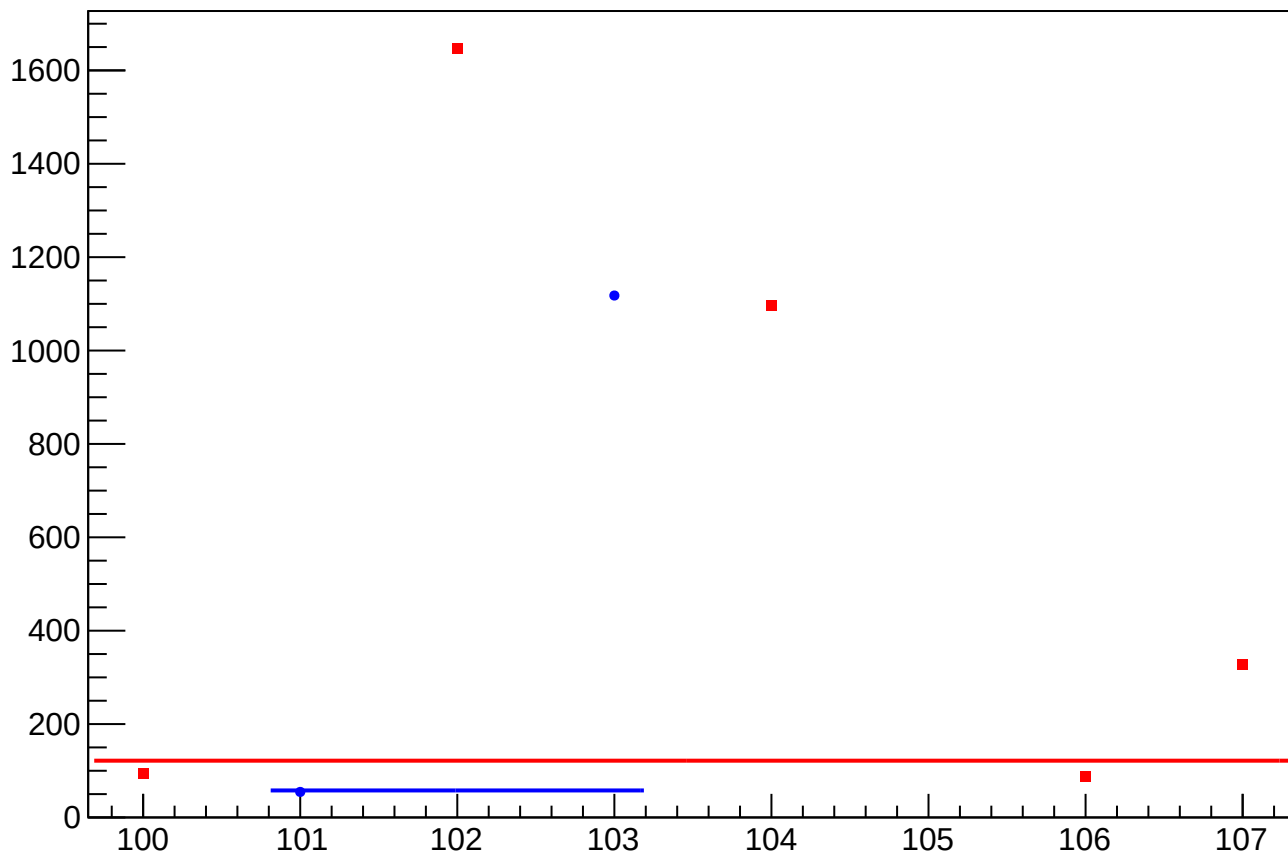
Right: 0.093+/-0.071 χ^2/NDF : 3.5/6

In: 0.121+/-0.079 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.093+/-0.071 χ^2/NDF : 3.5/6

asym_atl1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.843+/-0.056 χ^2/NDF : 1077504.7/1

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

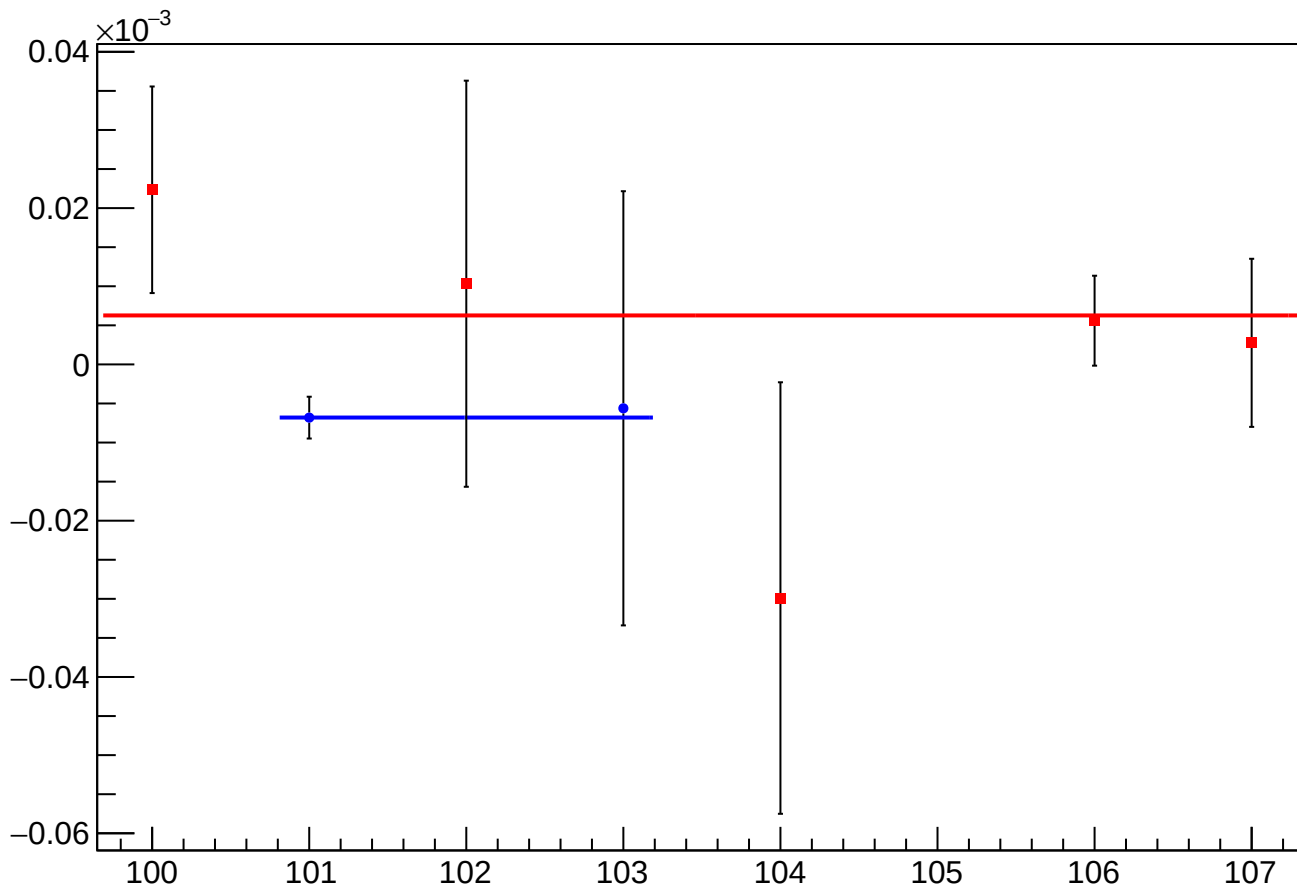
Right: 69.542+/-0.050 χ^2/NDF : 3135468.0/6

In: 57.843+/-0.056 χ^2/NDF : 1077504.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.542+/-0.050 χ^2/NDF : 3135468.0/6

asym_atl1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/1

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

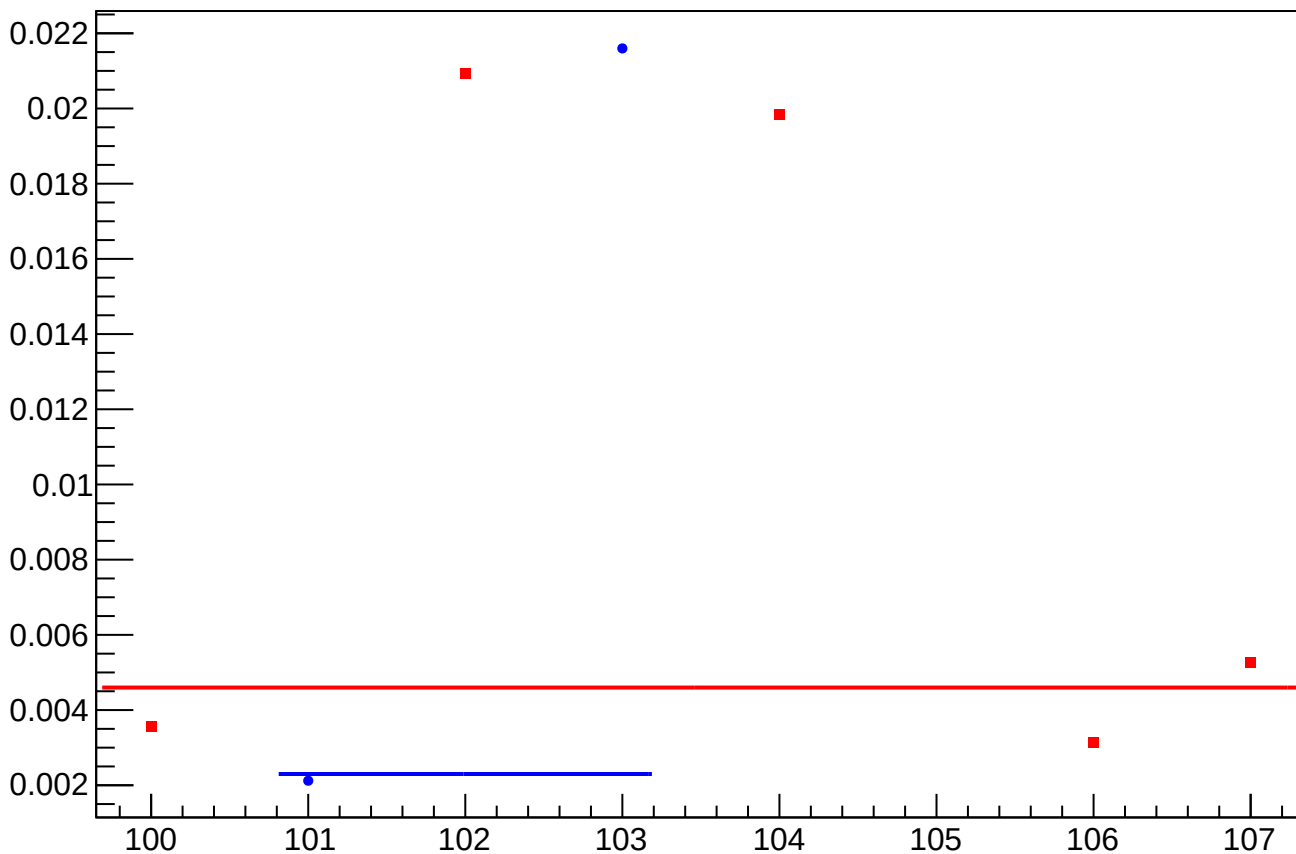
Right: -0.000+/-0.000 χ^2/NDF : 9.4/6

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.4/6

asym_atl1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 974109.4/1

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

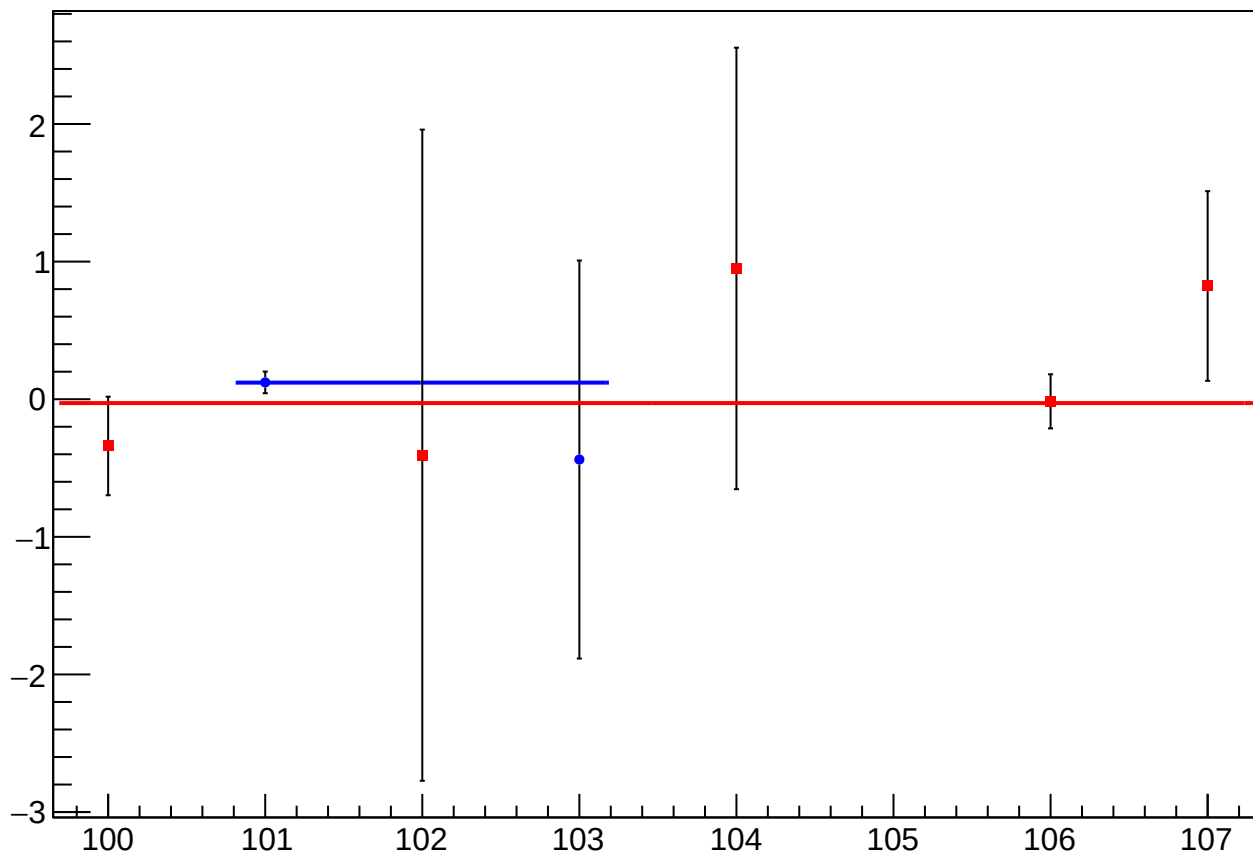
Right: 0.003+/-0.000 χ^2/NDF : 2895967.5/6

In: 0.002+/-0.000 χ^2/NDF : 974109.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2895967.5/6

asym_atl1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.121+/-0.079 χ^2/NDF : 0.1/1

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

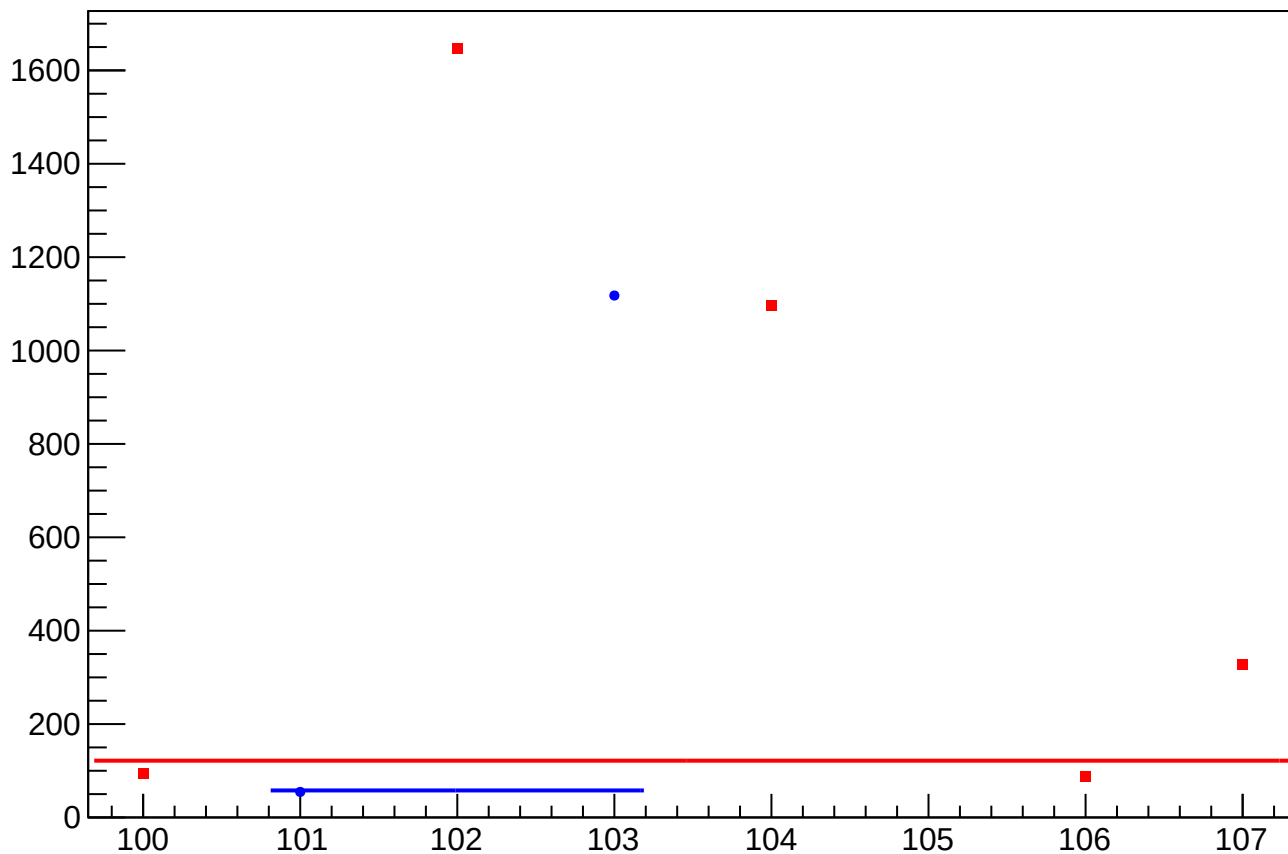
Right: 0.093+/-0.071 χ^2/NDF : 3.5/6

In: 0.121+/-0.079 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.093+/-0.071 χ^2/NDF : 3.5/6

asym_atl1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.842+/-0.056 χ^2/NDF : 1077504.8/1

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

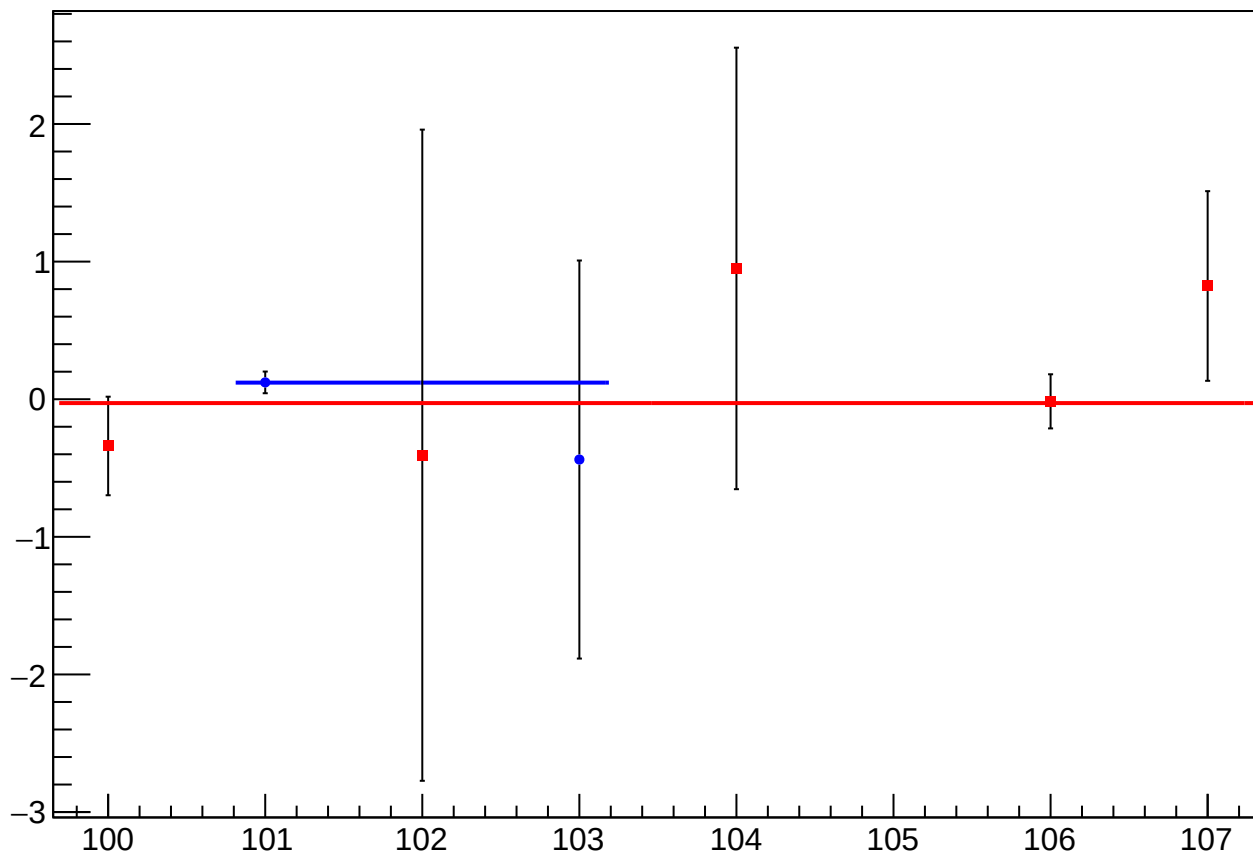
Right: 69.541+/-0.050 χ^2/NDF : 3135461.4/6

In: 57.842+/-0.056 χ^2/NDF : 1077504.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.541+/-0.050 χ^2/NDF : 3135461.4/6

asym_atl1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.121+/-0.079 χ^2/NDF : 0.1/1

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

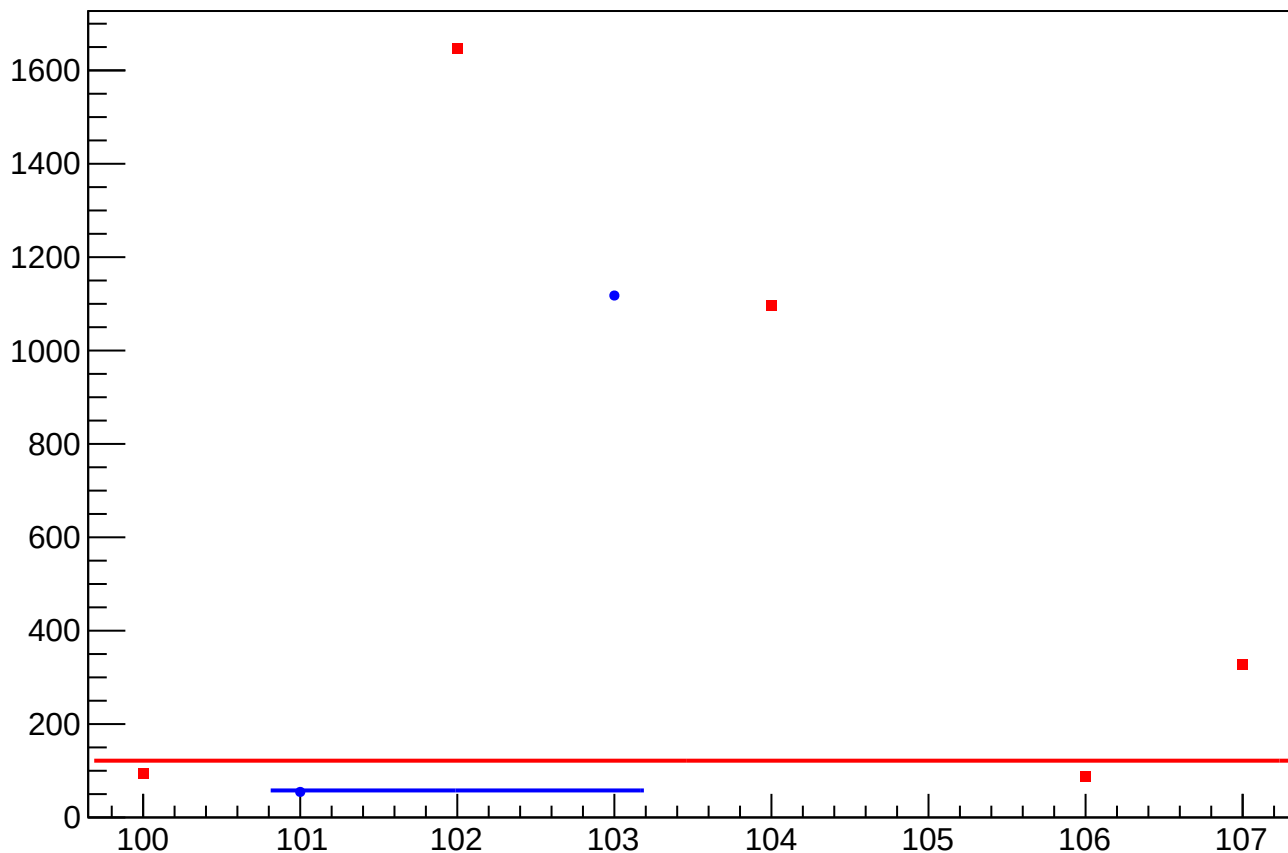
Right: 0.093+/-0.071 χ^2/NDF : 3.5/6

In: 0.121+/-0.079 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.093+/-0.071 χ^2/NDF : 3.5/6

asym_atl1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.842+/-0.056 χ^2/NDF : 1077504.8/1

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

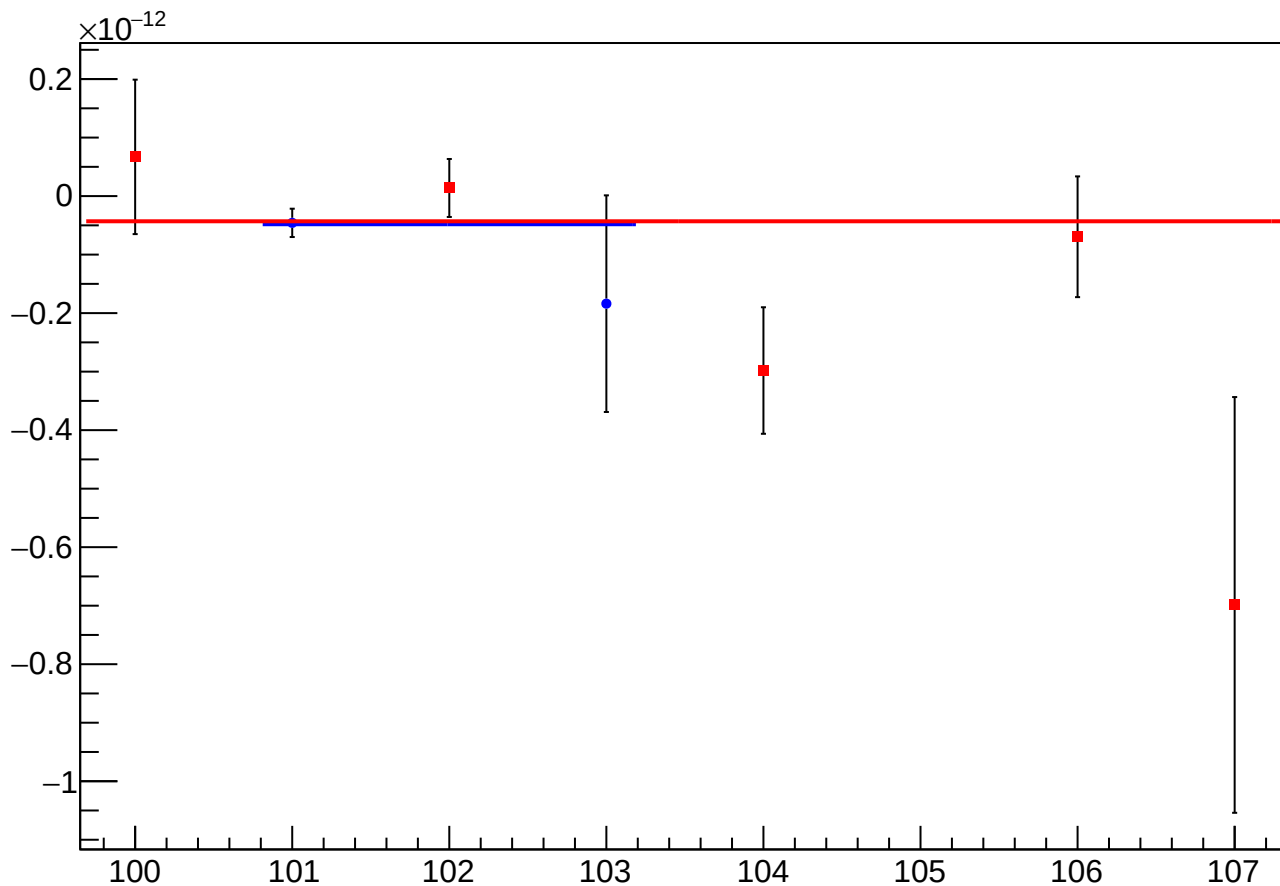
Right: 69.541+/-0.050 χ^2/NDF : 3135461.4/6

In: 57.842+/-0.056 χ^2/NDF : 1077504.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.541+/-0.050 χ^2/NDF : 3135461.4/6

asym_atl1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.5/1

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

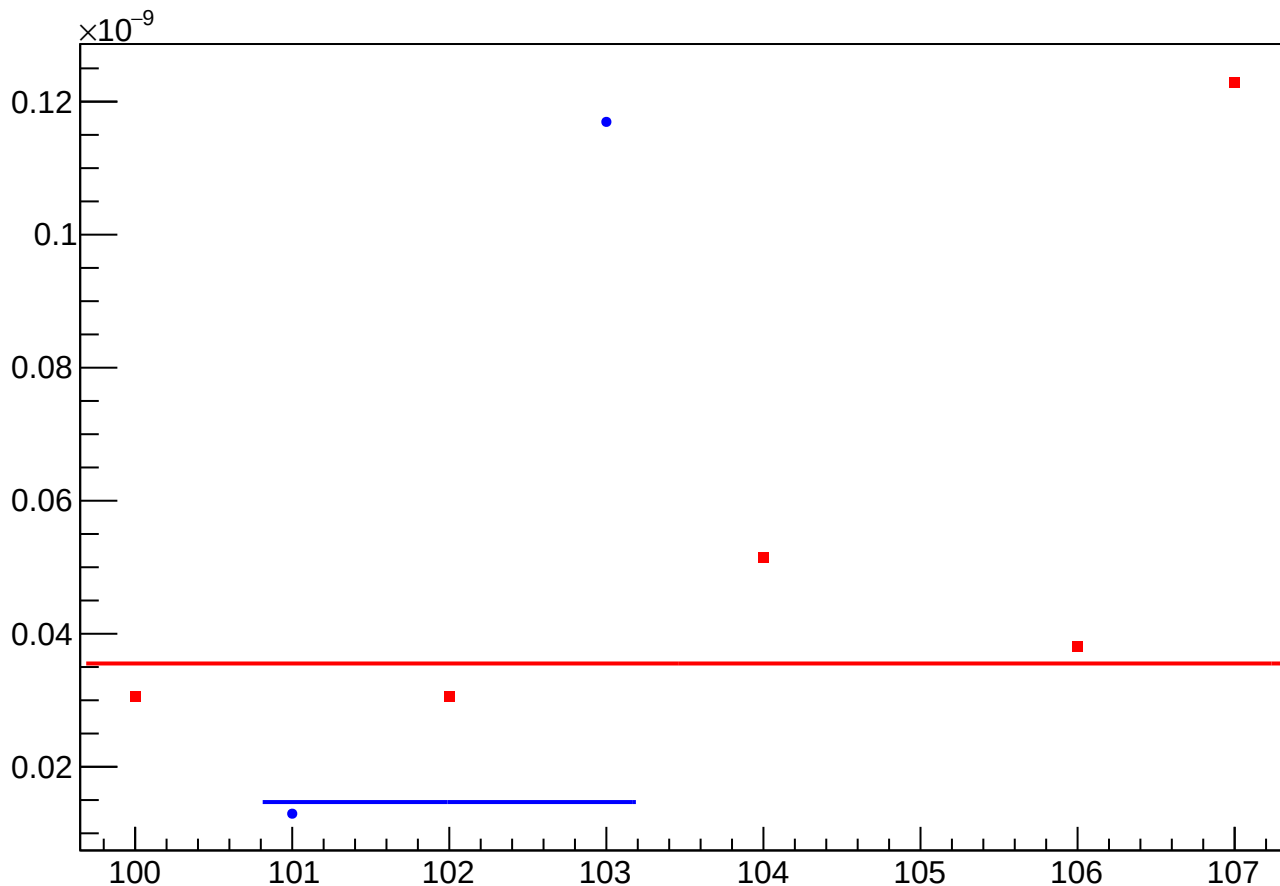
Right: -0.000+/-0.000 χ^2/NDF : 11.6/6

In: -0.000+/-0.000 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.6/6

asym_atl1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 620712.5/1

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

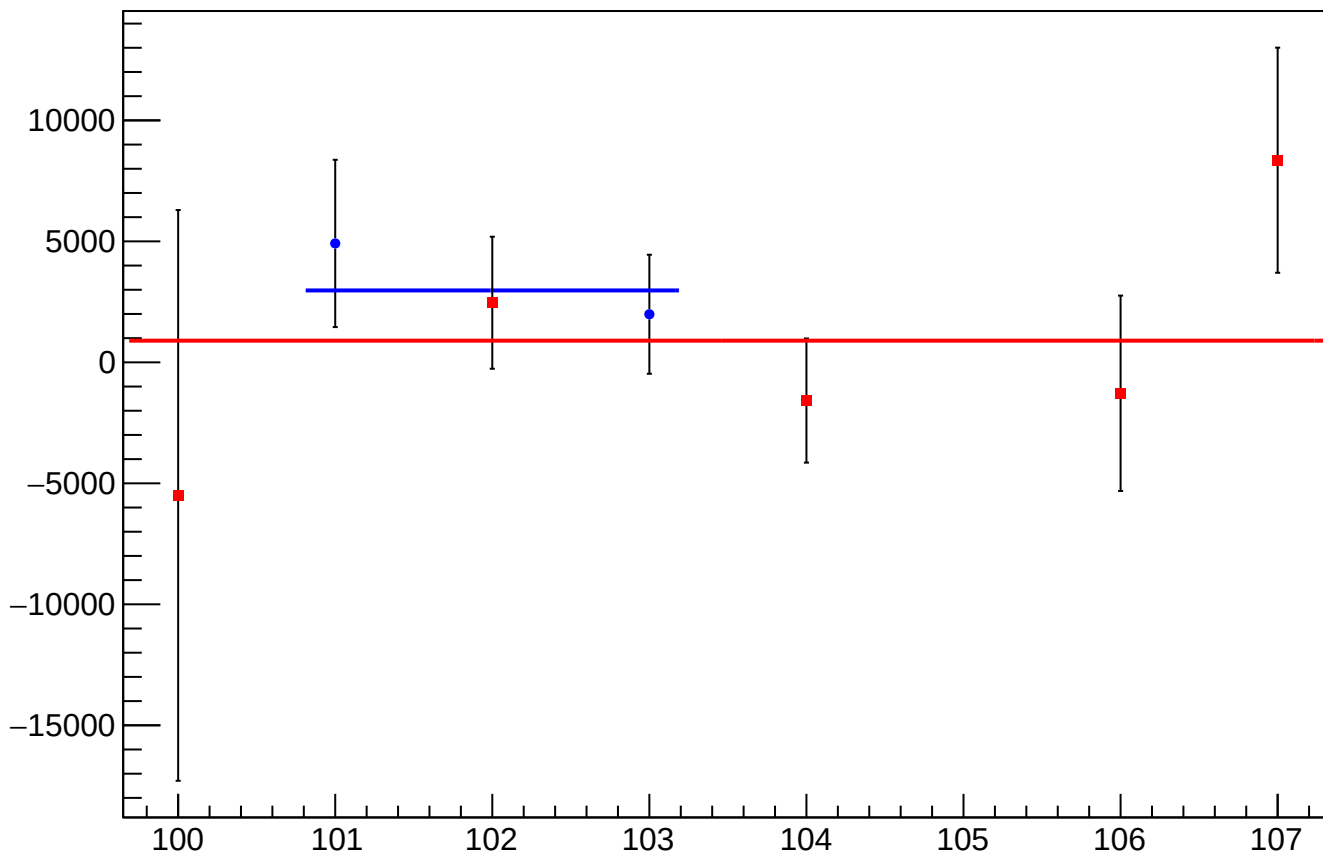
Right: 0.000+/-0.000 χ^2/NDF : 1220363.7/6

In: 0.000+/-0.000 χ^2/NDF : 620712.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1220363.7/6

reg_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2971.500+/-2004.246 χ^2 /NDF: 0.5/1

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

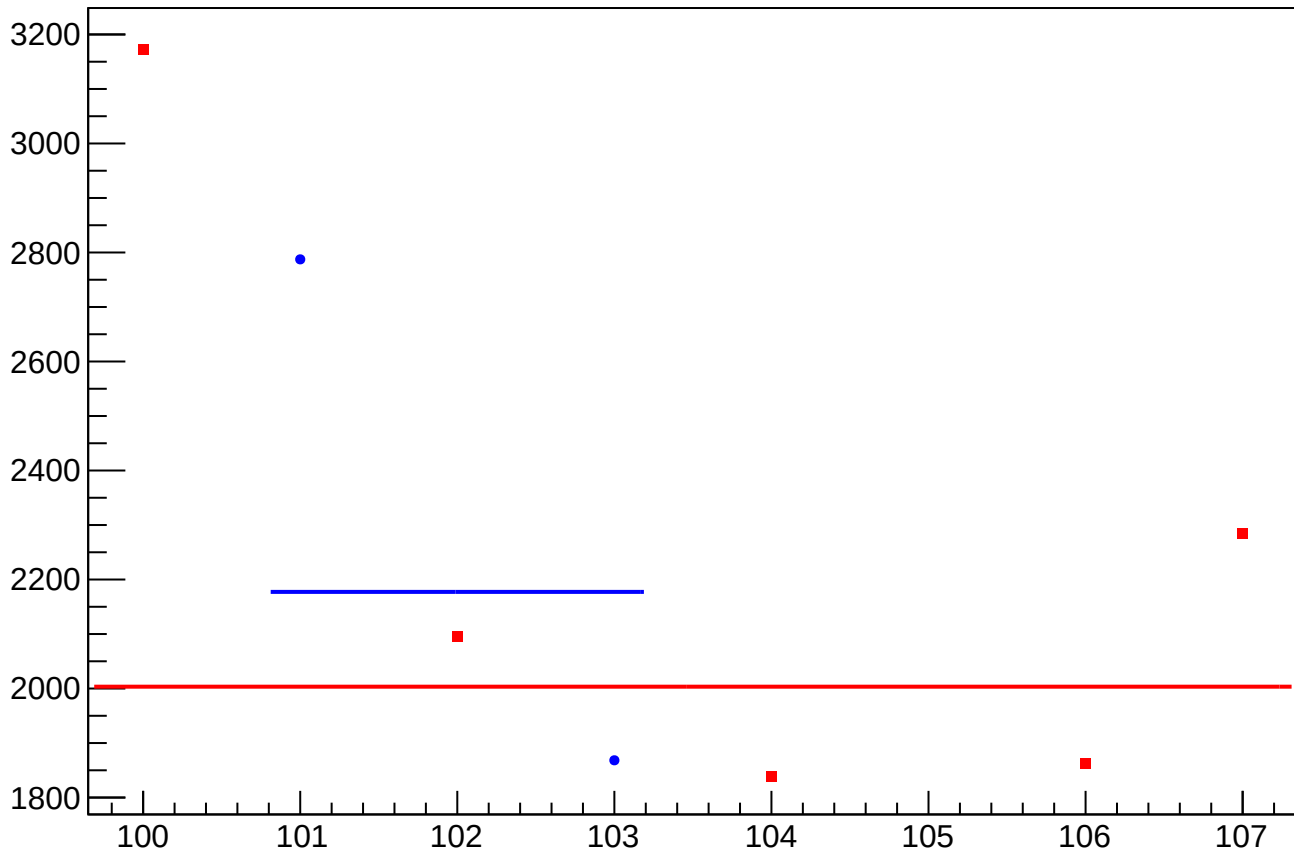
Right: 1690.602+/-1240.303 χ^2 /NDF: 5.6/6

In: 2971.500+/-2004.246 χ^2 /NDF: 0.5/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1690.602+/-1240.303 χ^2 /NDF: 5.6/6

reg_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2177.302+/-1.417 χ^2/NDF : 93850.0/1

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

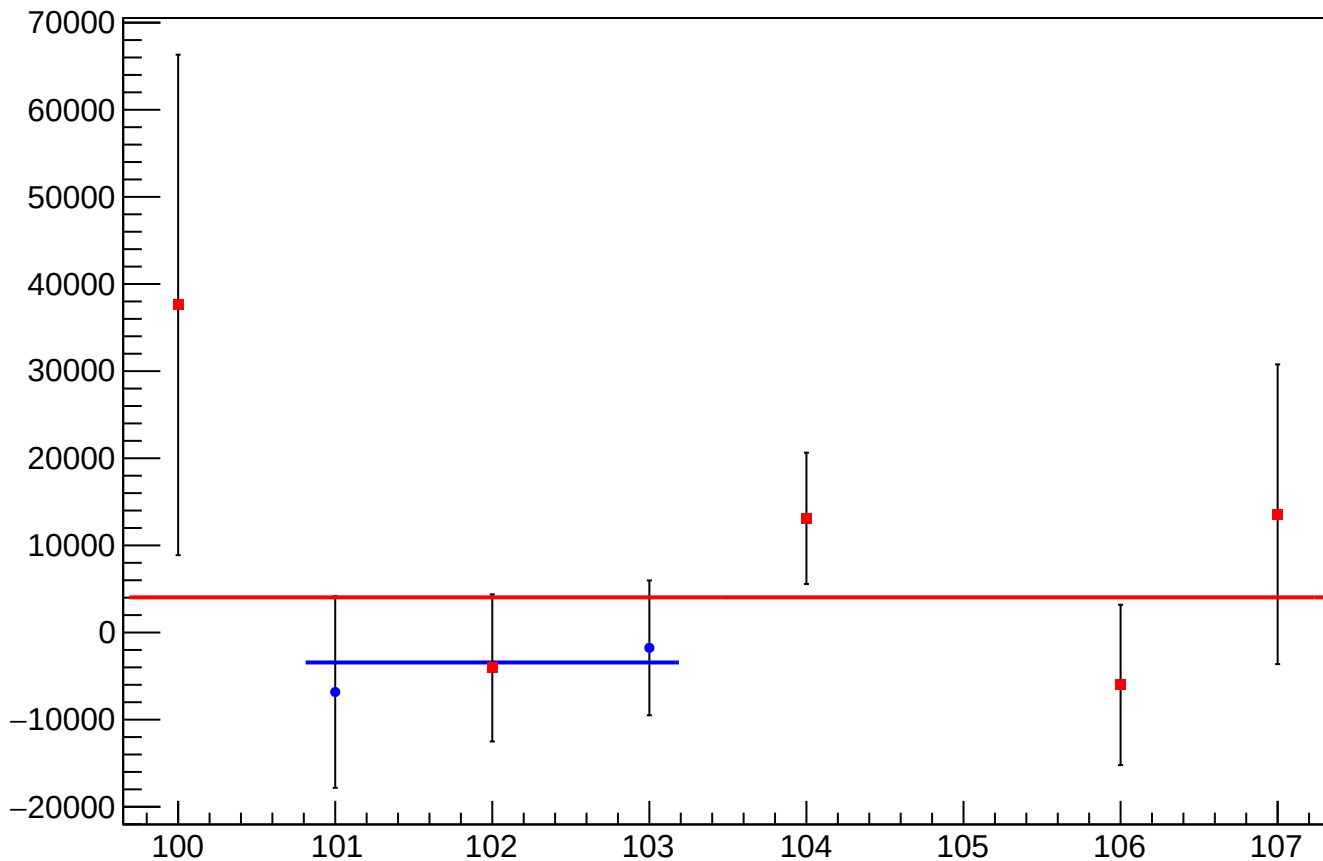
Right: 2069.996+/-0.877 χ^2/NDF : 143148.9/6

In: 2177.302+/-1.417 χ^2/NDF : 93850.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2069.996+/-0.877 χ^2/NDF : 143148.9/6

asym_atl2_reg_correction_mean vs Slug, Sign Corrected



Right In: -3437.291+/-6327.901 χ^2/NDF : 0.1/1

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

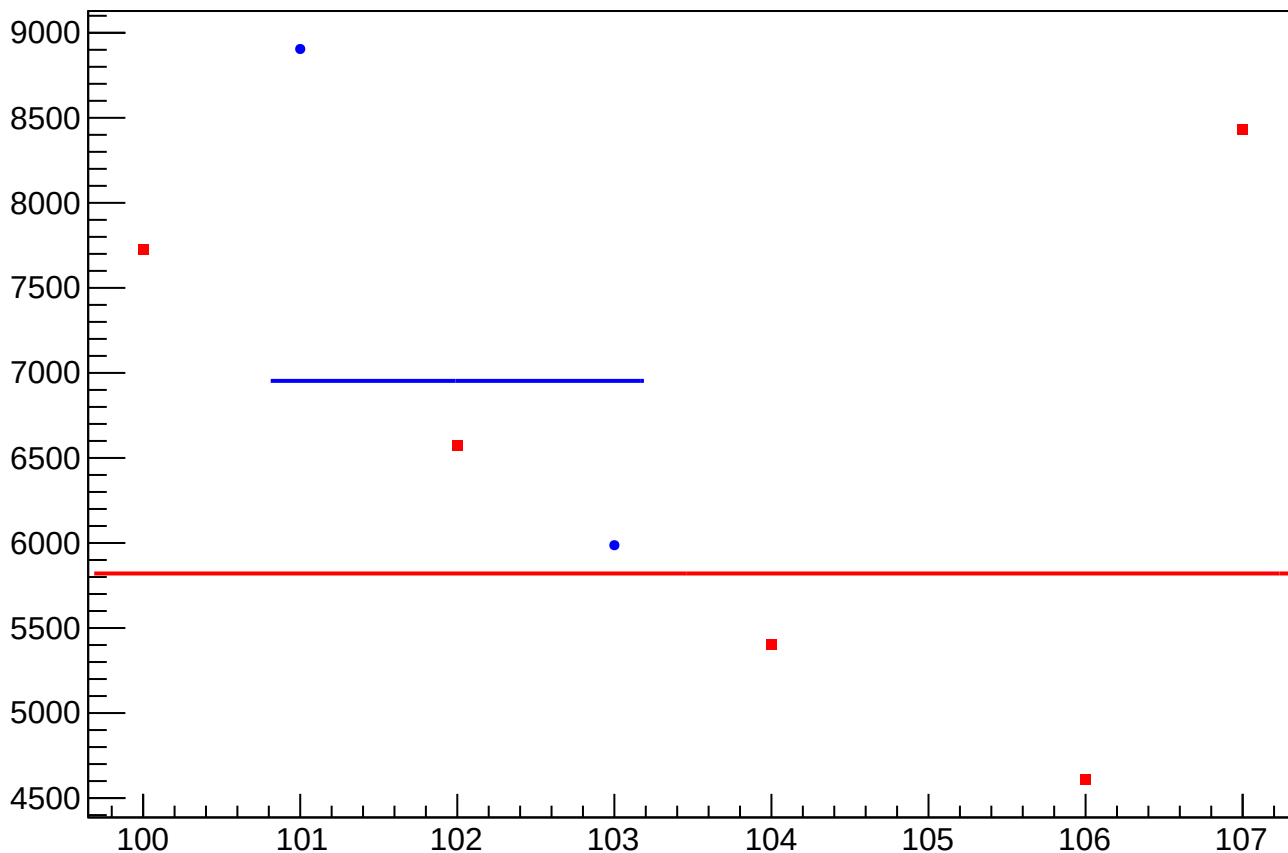
Right: 1480.035+/-3701.022 χ^2/NDF : 6.3/6

In: -3437.291+/-6327.901 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1480.035+/-3701.022 χ^2/NDF : 6.3/6

asym_atl2_reg_correction_rms vs Slug, Sign Corrected



Right In: 6953.228+/-4.475 χ^2/NDF : 94188.1/1

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

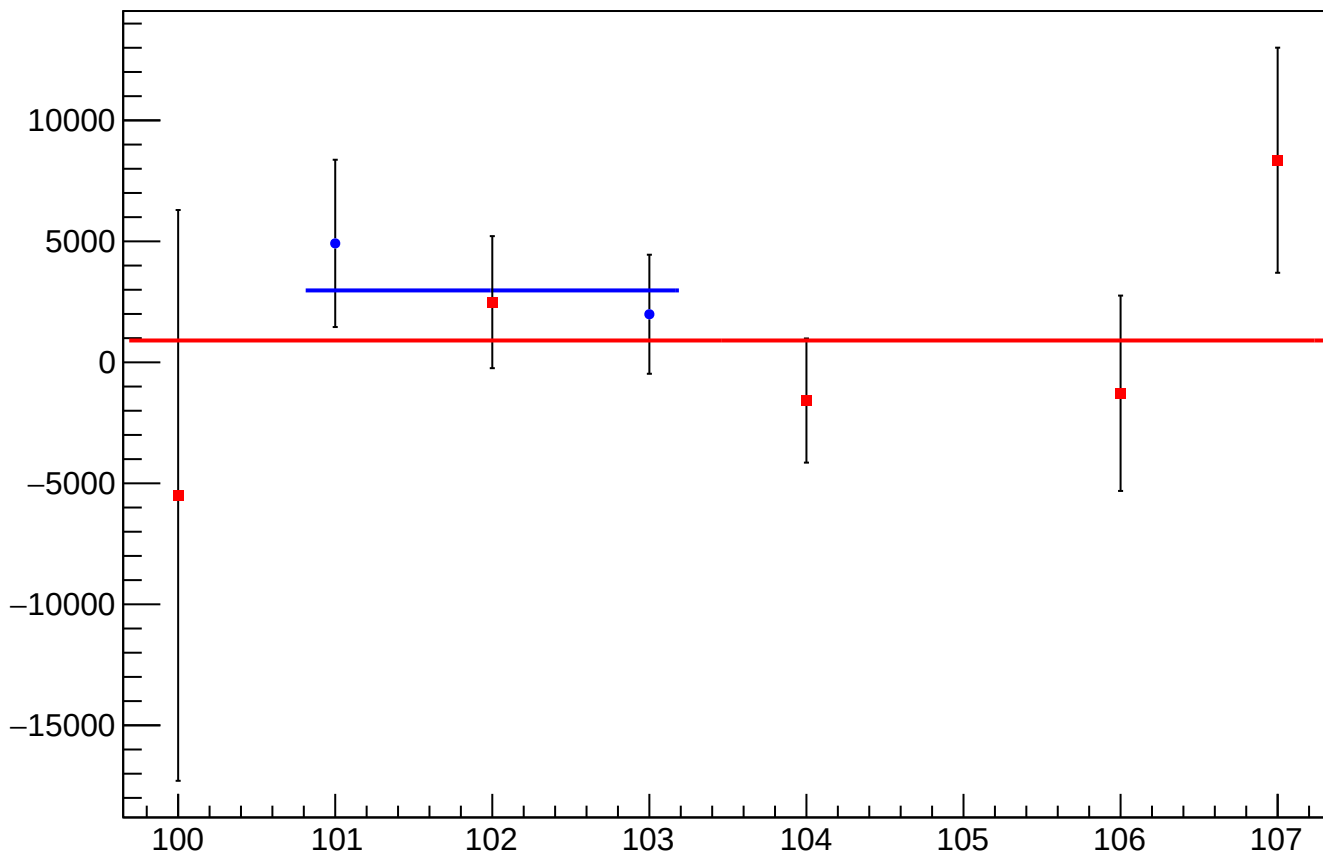
Right: 6208.101+/-2.617 χ^2/NDF : 248071.8/6

In: 6953.228+/-4.475 χ^2/NDF : 94188.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6208.101+/-2.617 χ^2/NDF : 248071.8/6

cor_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2972.152+/-2004.246 χ^2/NDF : 0.5/1

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

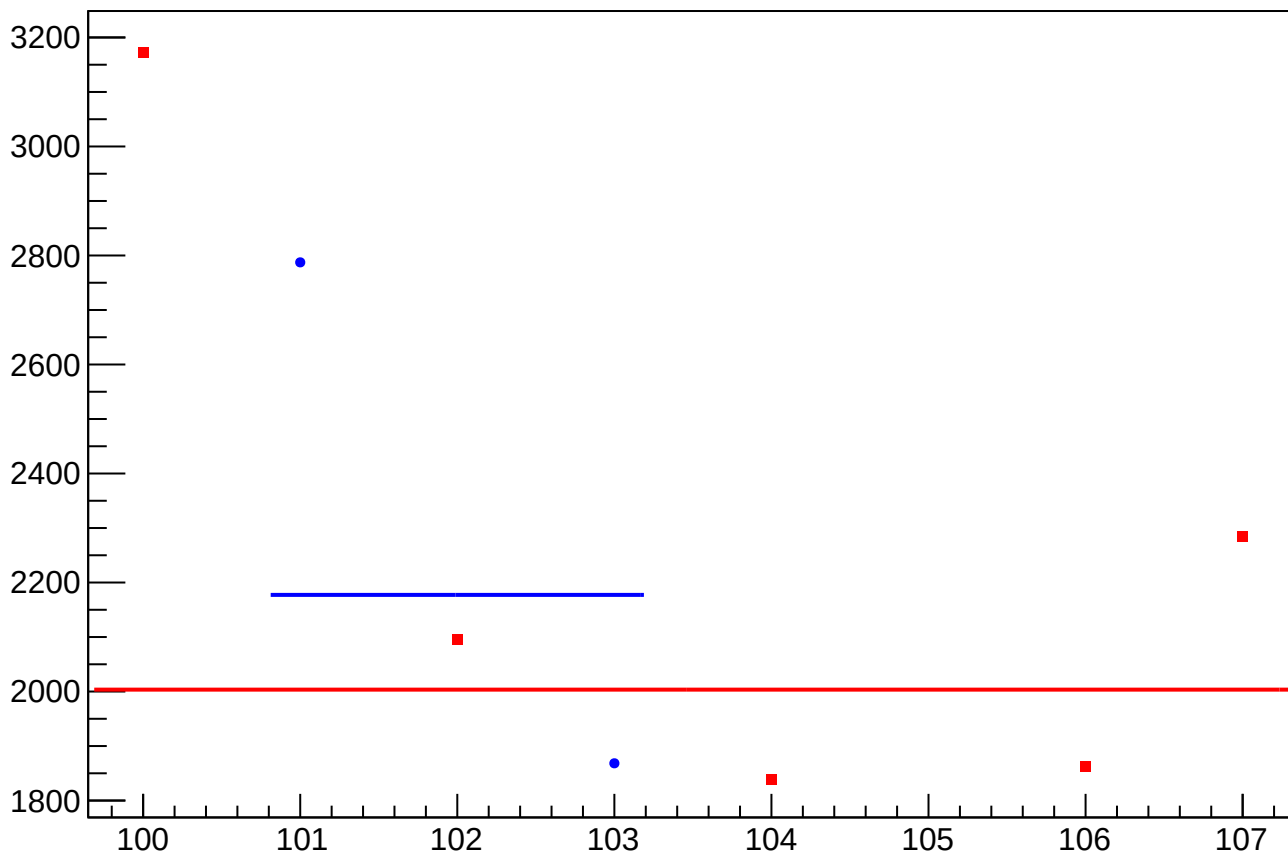
Right: 1695.779+/-1240.337 χ^2/NDF : 5.6/6

In: 2972.152+/-2004.246 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1695.779+/-1240.337 χ^2/NDF : 5.6/6

cor_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2177.301+/-1.417 χ^2/NDF : 93849.9/1

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

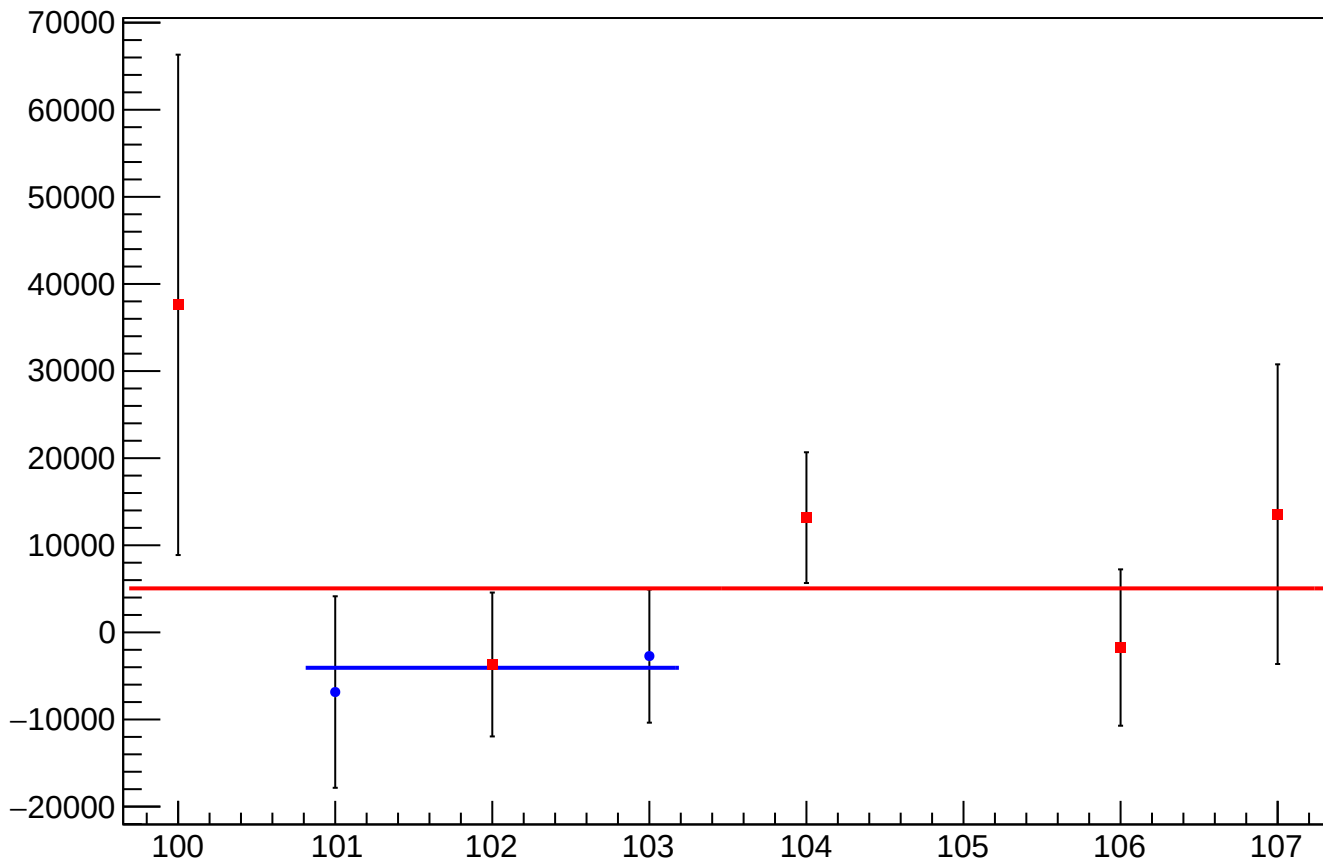
Right: 2070.056+/-0.877 χ^2/NDF : 143152.9/6

In: 2177.301+/-1.417 χ^2/NDF : 93849.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2070.056+/-0.877 χ^2/NDF : 143152.9/6

asym_atl2_cor_correction_mean vs Slug, Sign Corrected



Right In: -4064.869+/-6278.073 χ^2/NDF : 0.1/1

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

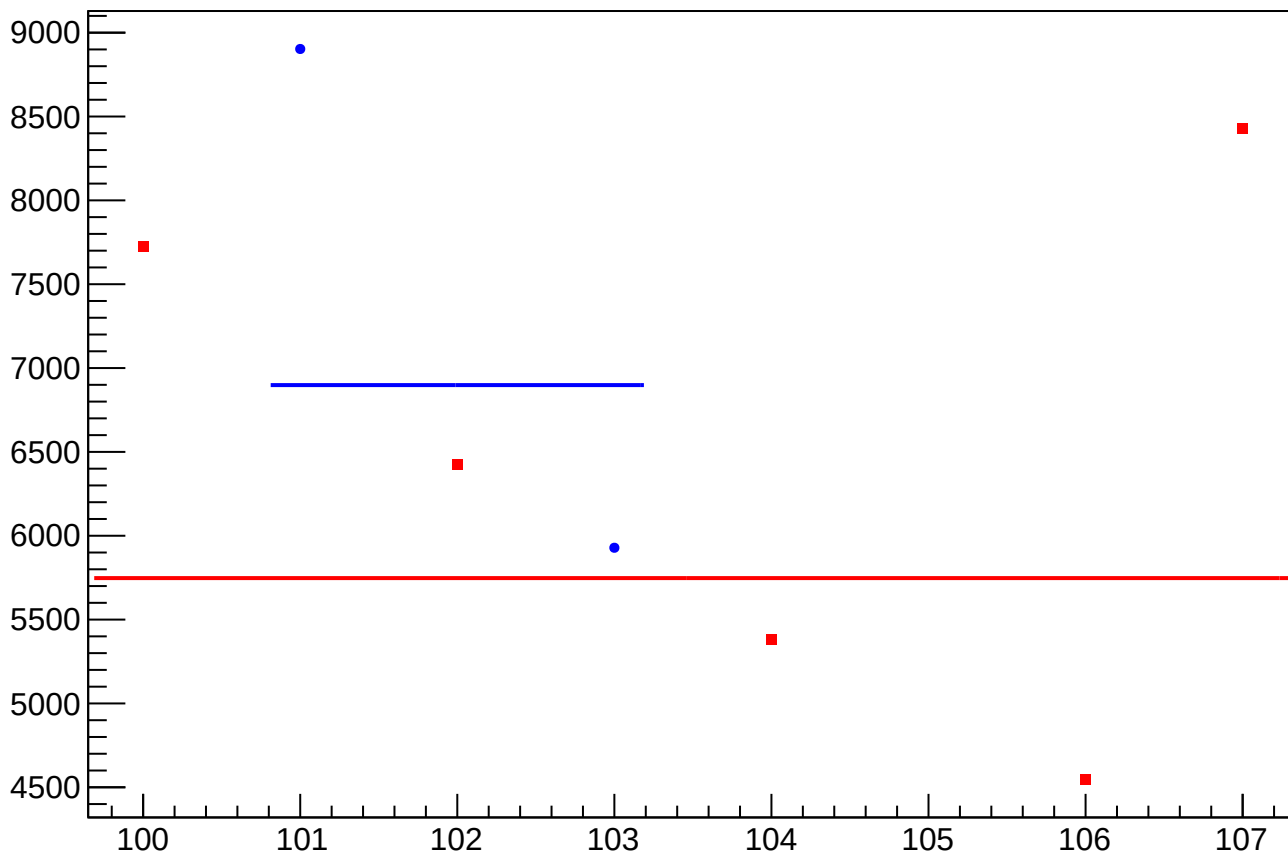
Right: 1958.873+/-3656.685 χ^2/NDF : 5.9/6

In: -4064.869+/-6278.073 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1958.873+/-3656.685 χ^2/NDF : 5.9/6

asym_atl2_cor_correction_rms vs Slug, Sign Corrected



Right In: 6898.399+/-4.439 χ^2/NDF : 98657.0/1

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

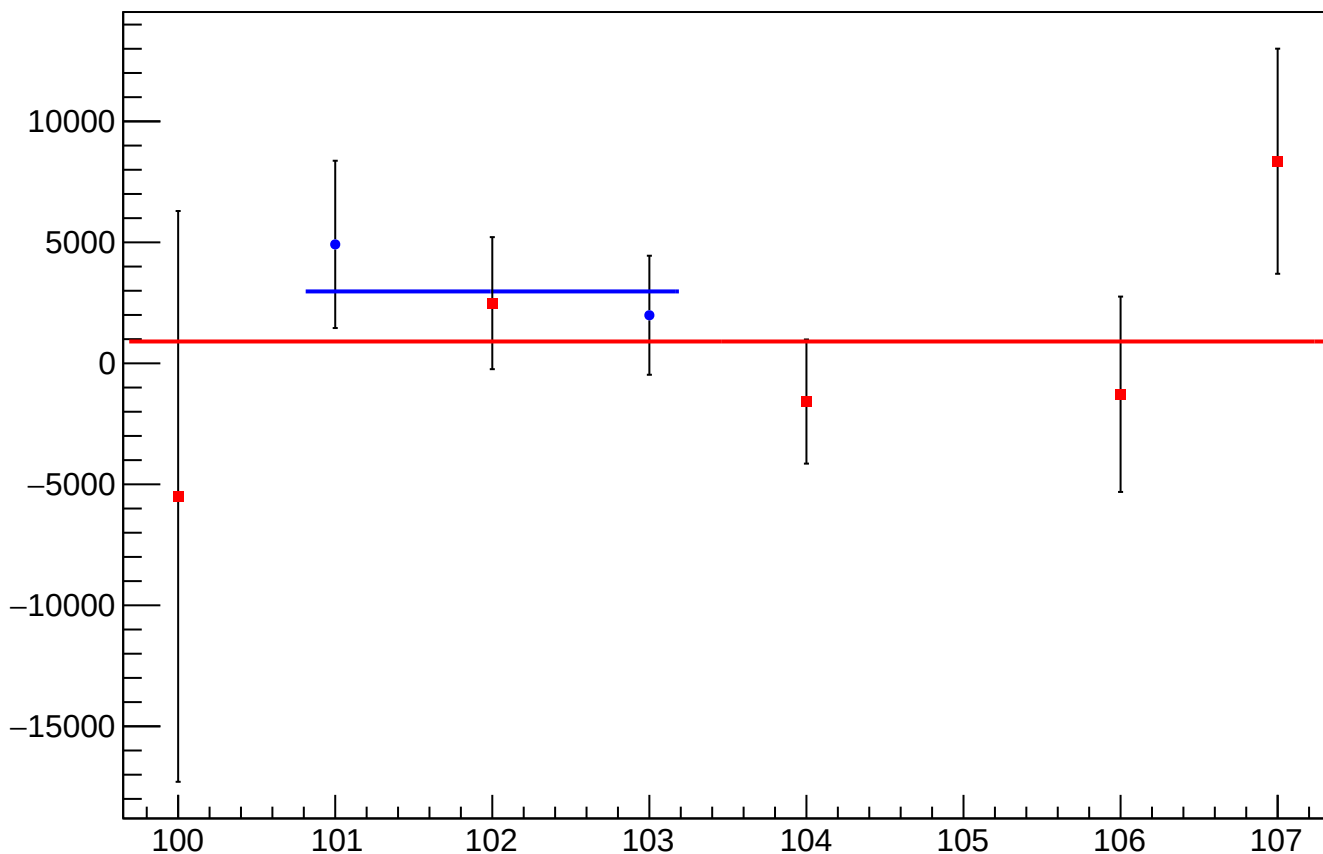
Right: 6137.930+/-2.586 χ^2/NDF : 255425.3/6

In: 6898.399+/-4.439 χ^2/NDF : 98657.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6137.930+/-2.586 χ^2/NDF : 255425.3/6

eigen_cor_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2972.152+/-2004.246 χ^2/NDF : 0.5/1

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

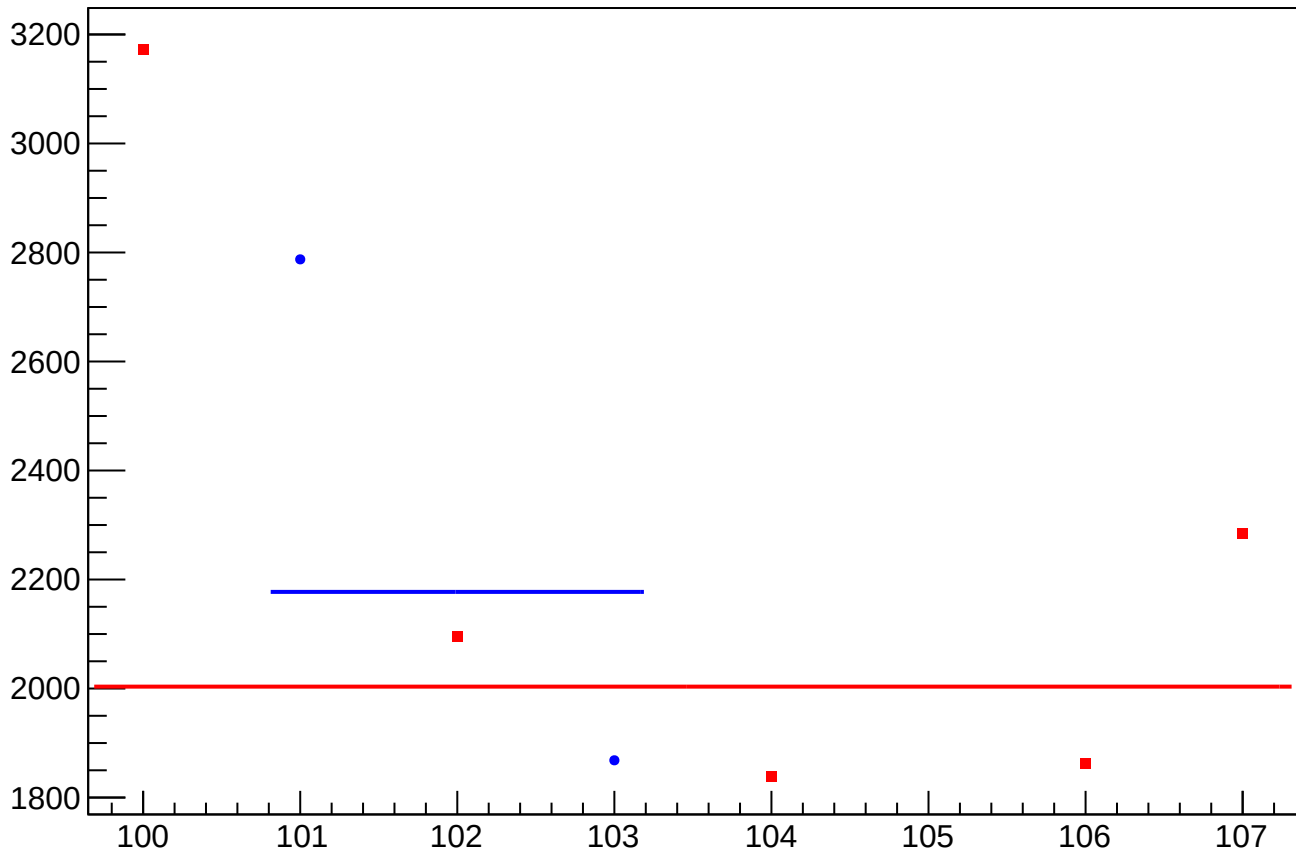
Right: 1695.779+/-1240.337 χ^2/NDF : 5.6/6

In: 2972.152+/-2004.246 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1695.779+/-1240.337 χ^2/NDF : 5.6/6

eigen_cor_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2177.301+/-1.417 χ^2/NDF : 93849.9/1

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

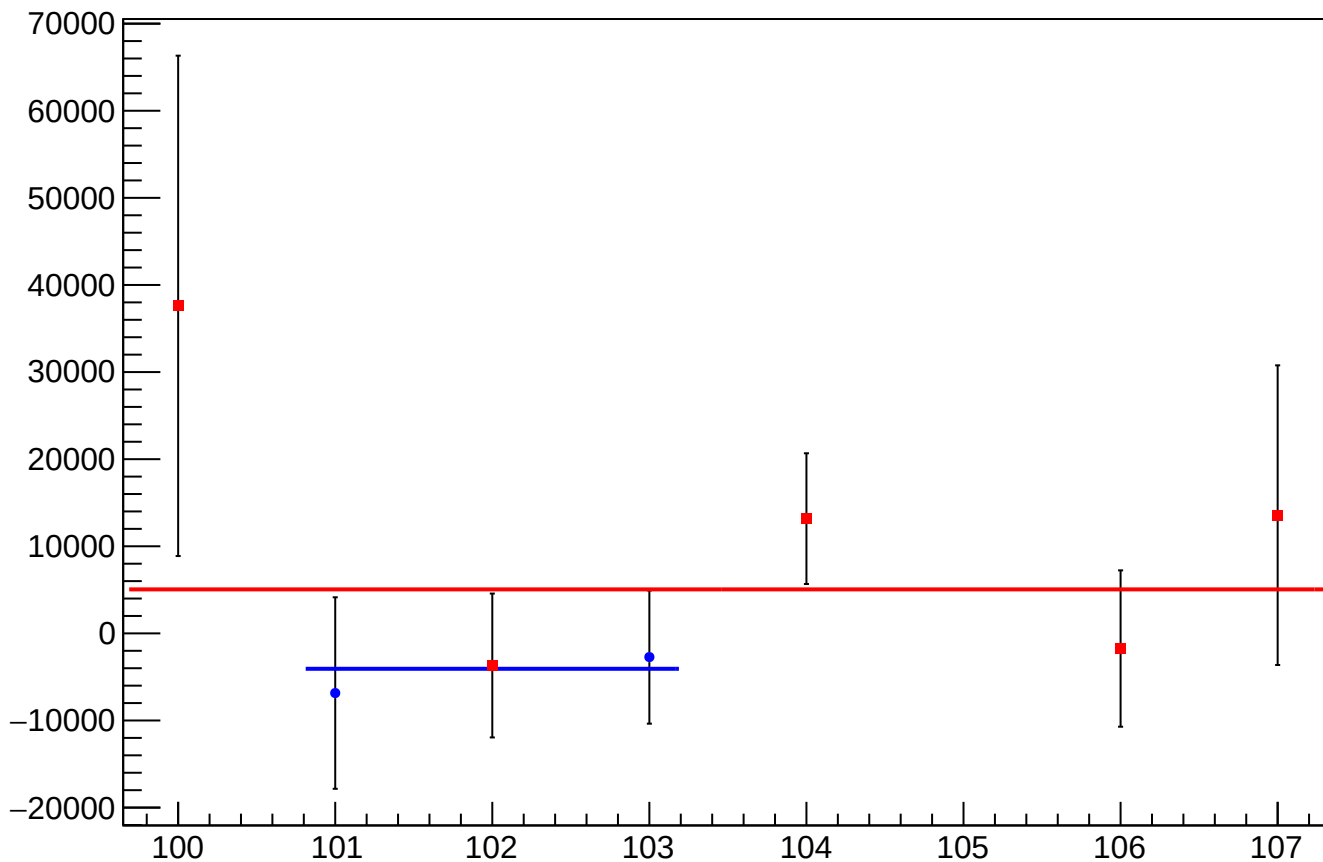
Right: 2070.056+/-0.877 χ^2/NDF : 143152.9/6

In: 2177.301+/-1.417 χ^2/NDF : 93849.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2070.056+/-0.877 χ^2/NDF : 143152.9/6

asym_atl2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -4064.869+/-6278.073 χ^2/NDF : 0.1/1

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

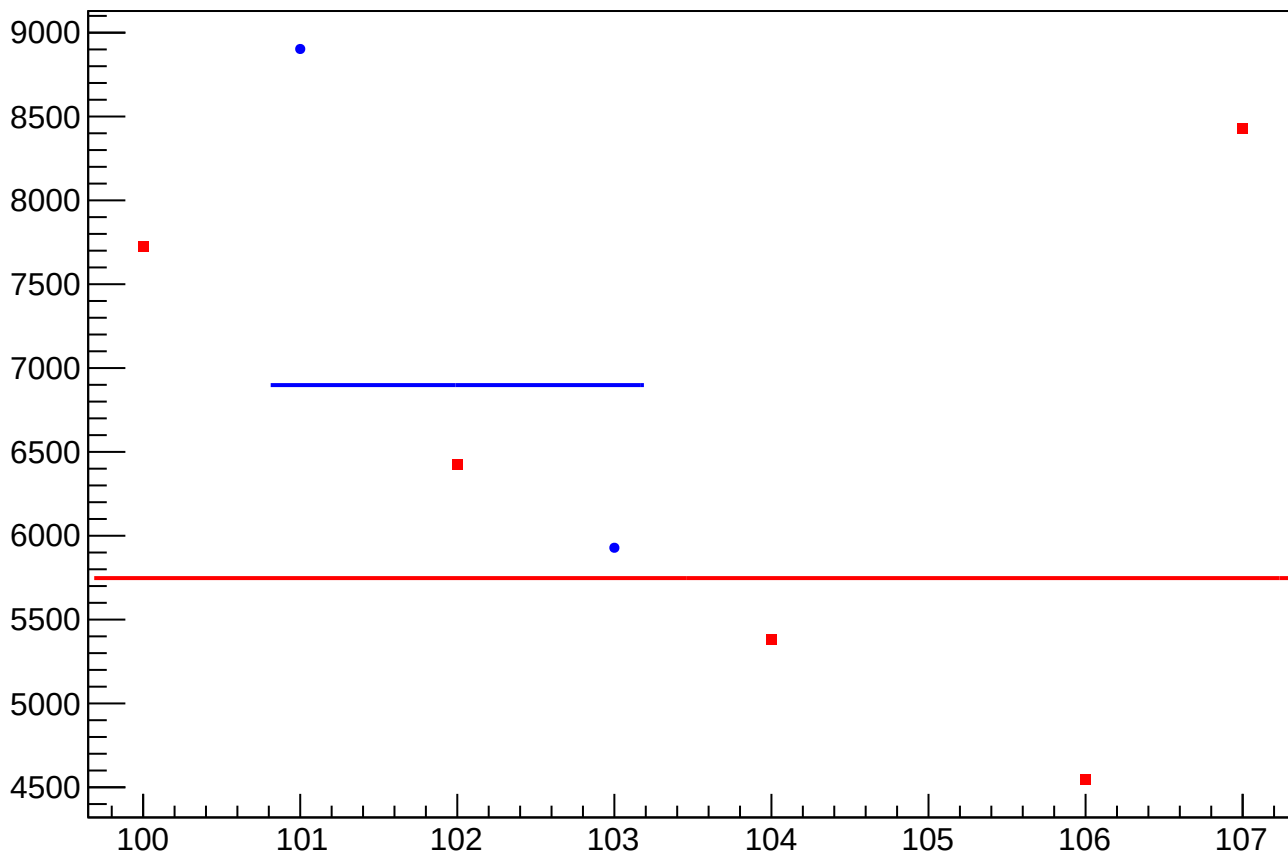
Right: 1958.873+/-3656.685 χ^2/NDF : 5.9/6

In: -4064.869+/-6278.073 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1958.873+/-3656.685 χ^2/NDF : 5.9/6

asym_atl2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 6898.399+/-4.439 χ^2/NDF : 98657.0/1

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

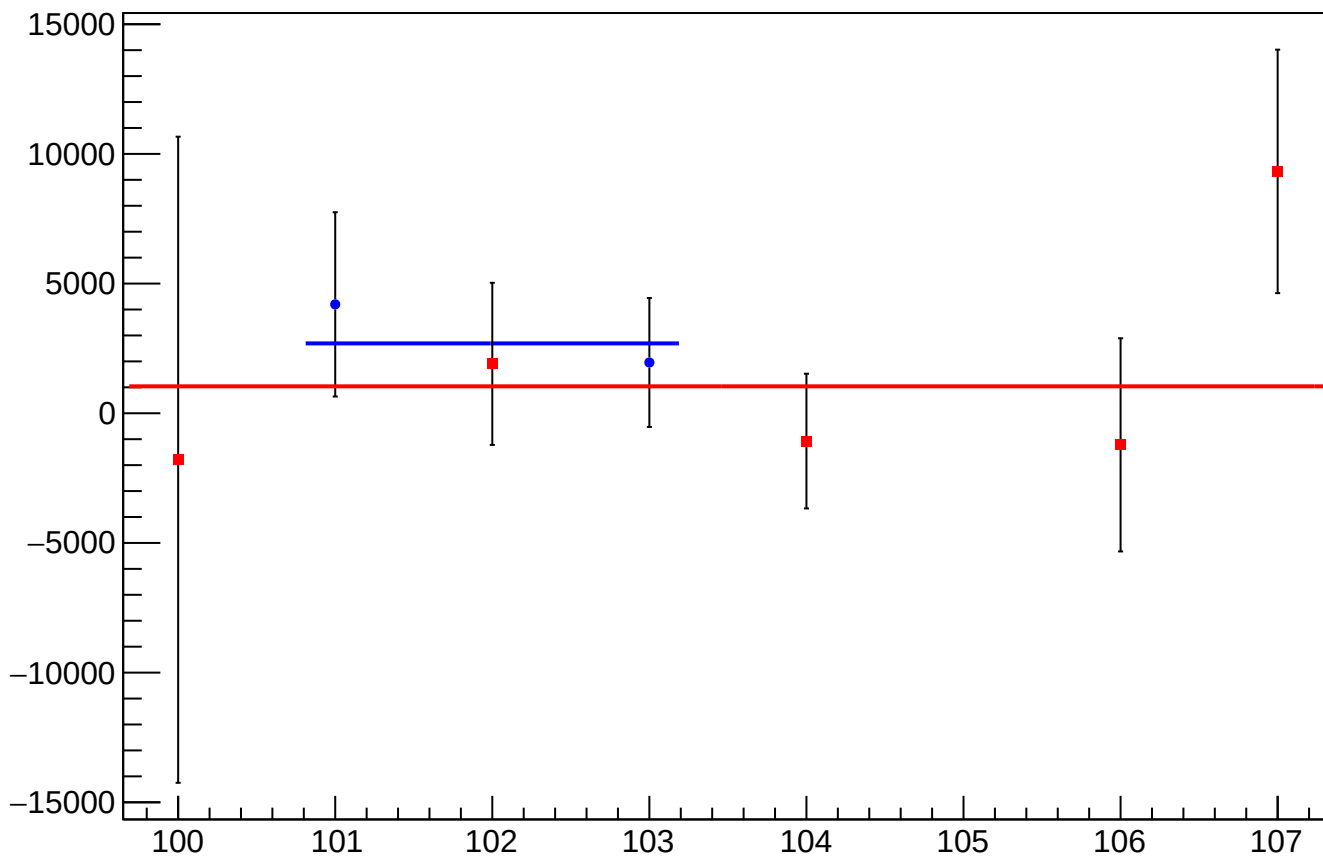
Right: 6137.930+/-2.586 χ^2/NDF : 255425.3/6

In: 6898.399+/-4.439 χ^2/NDF : 98657.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6137.930+/-2.586 χ^2/NDF : 255425.3/6

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2693.954+/-2036.596 χ^2/NDF : 0.3/1

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

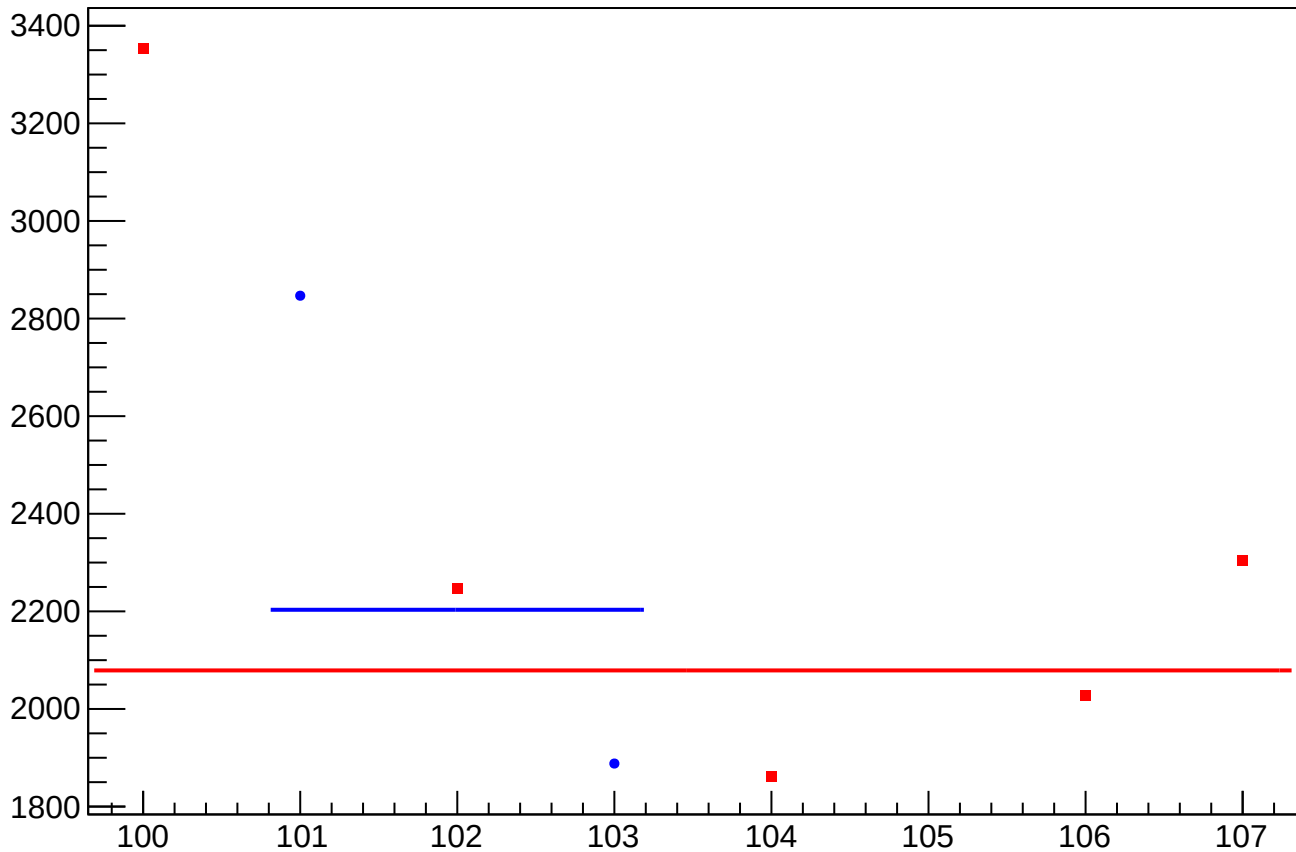
Right: 1700.662+/-1288.060 χ^2/NDF : 4.9/6

In: 2693.954+/-2036.596 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1700.662+/-1288.060 χ^2/NDF : 4.9/6

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2203.258+/-1.440 χ^2/NDF : 97782.1/1

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

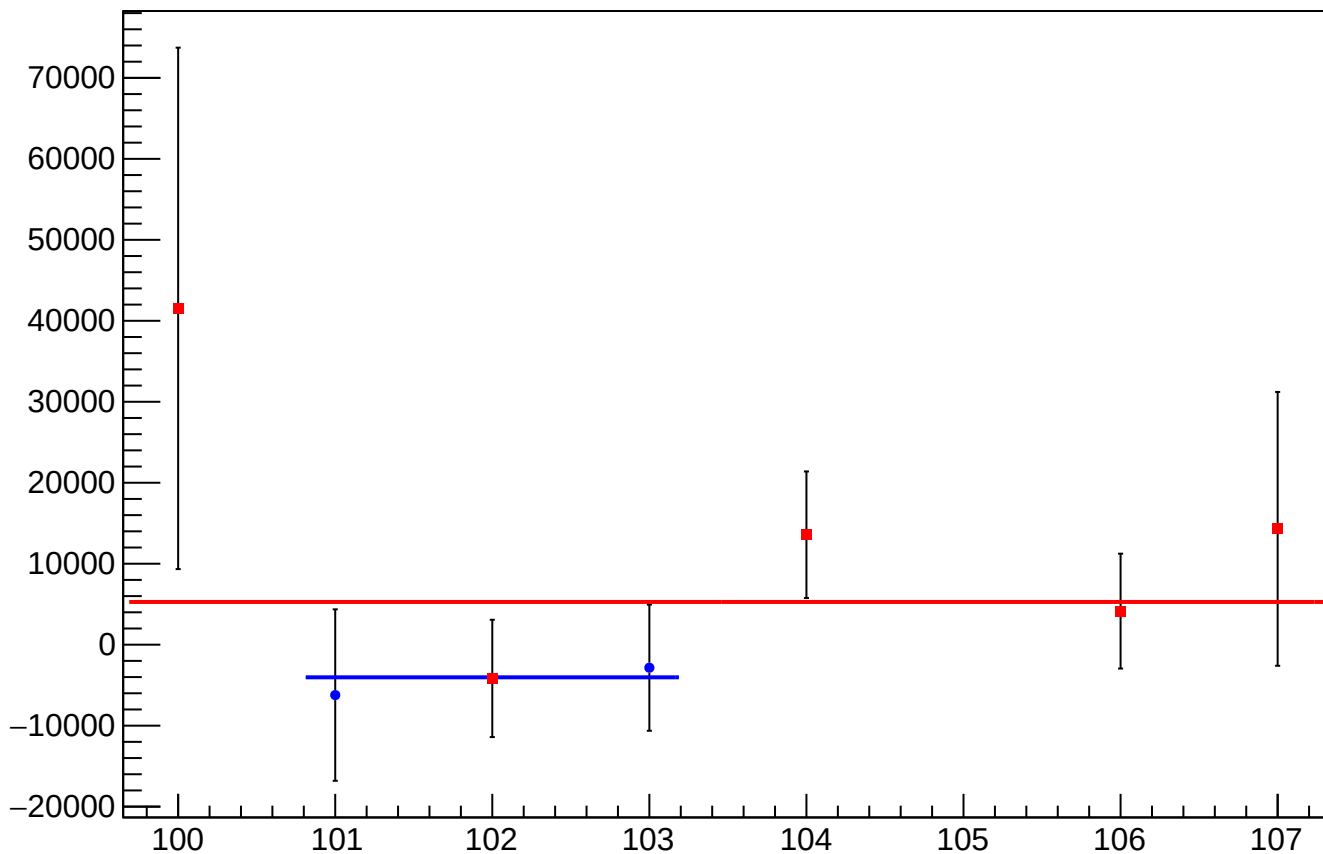
Right: 2128.279+/-0.907 χ^2/NDF : 148073.7/6

In: 2203.258+/-1.440 χ^2/NDF : 97782.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2128.279+/-0.907 χ^2/NDF : 148073.7/6

asym_atl2_dit_correction_mean vs Slug, Sign Corrected



Right In: -4029.152+/-6272.858 χ^2/NDF : 0.1/1

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

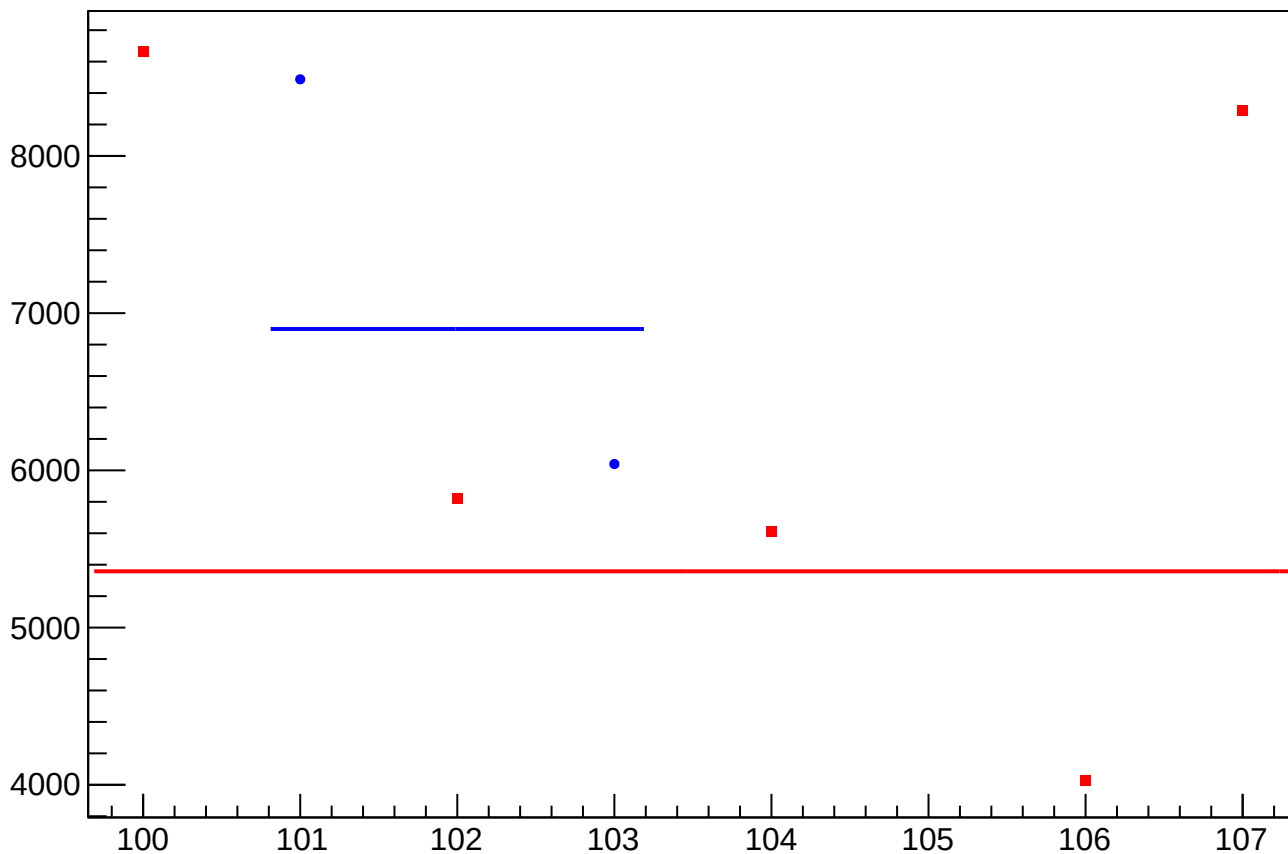
Right: 2501.449+/-3426.473 χ^2/NDF : 6.0/6

In: -4029.152+/-6272.858 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2501.449+/-3426.473 χ^2/NDF : 6.0/6

asym_atl2_dit_correction_rms vs Slug, Sign Corrected



Right In: 6899.462+/-4.436 χ^2/NDF : 69337.5/1

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

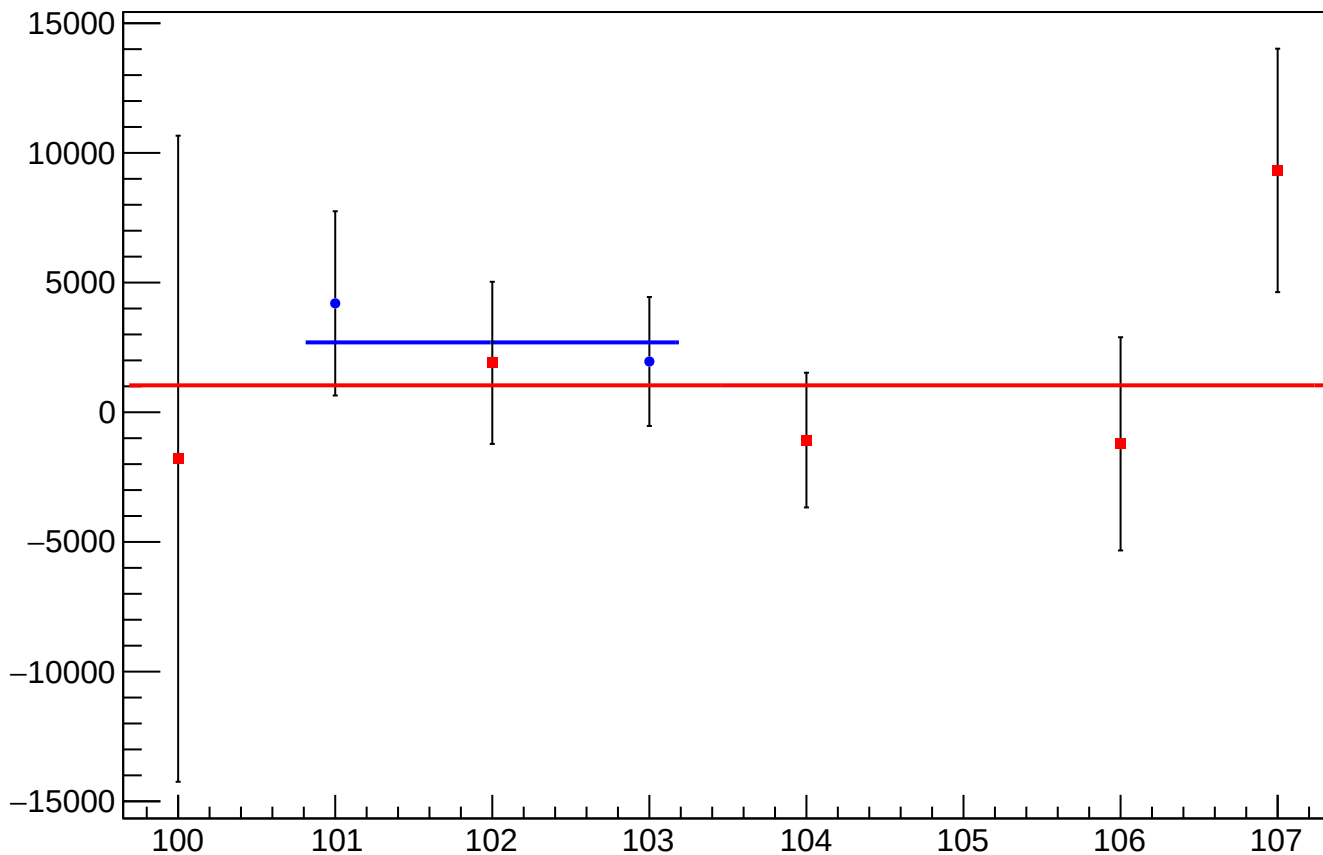
Right: 5817.986+/-2.423 χ^2/NDF : 315605.1/6

In: 6899.462+/-4.436 χ^2/NDF : 69337.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5817.986+/-2.423 χ^2/NDF : 315605.1/6

eigen_dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2693.958+/-2036.596 χ^2/NDF : 0.3/1

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

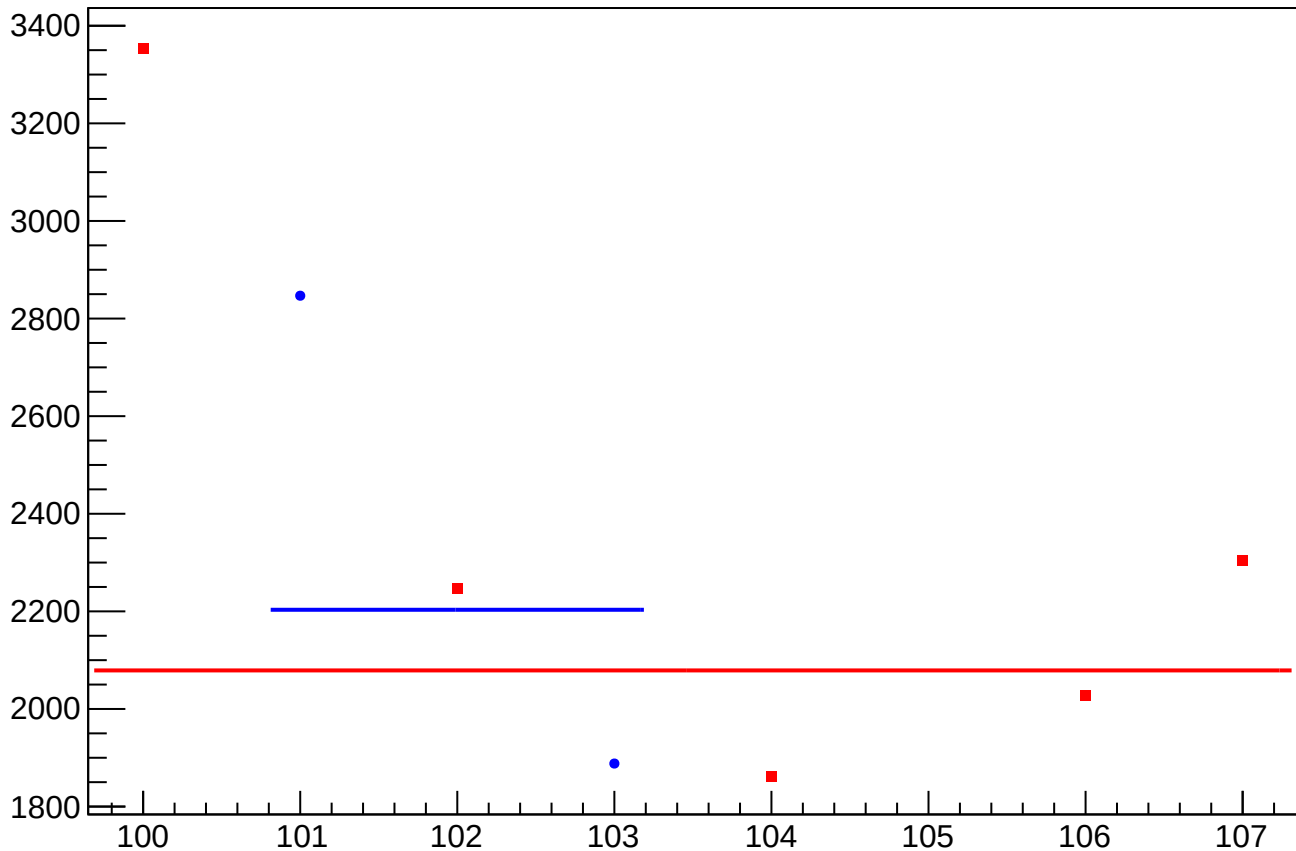
Right: 1700.665+/-1288.060 χ^2/NDF : 4.9/6

In: 2693.958+/-2036.596 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1700.665+/-1288.060 χ^2/NDF : 4.9/6

eigen_dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2203.258+/-1.440 χ^2/NDF : 97781.9/1

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

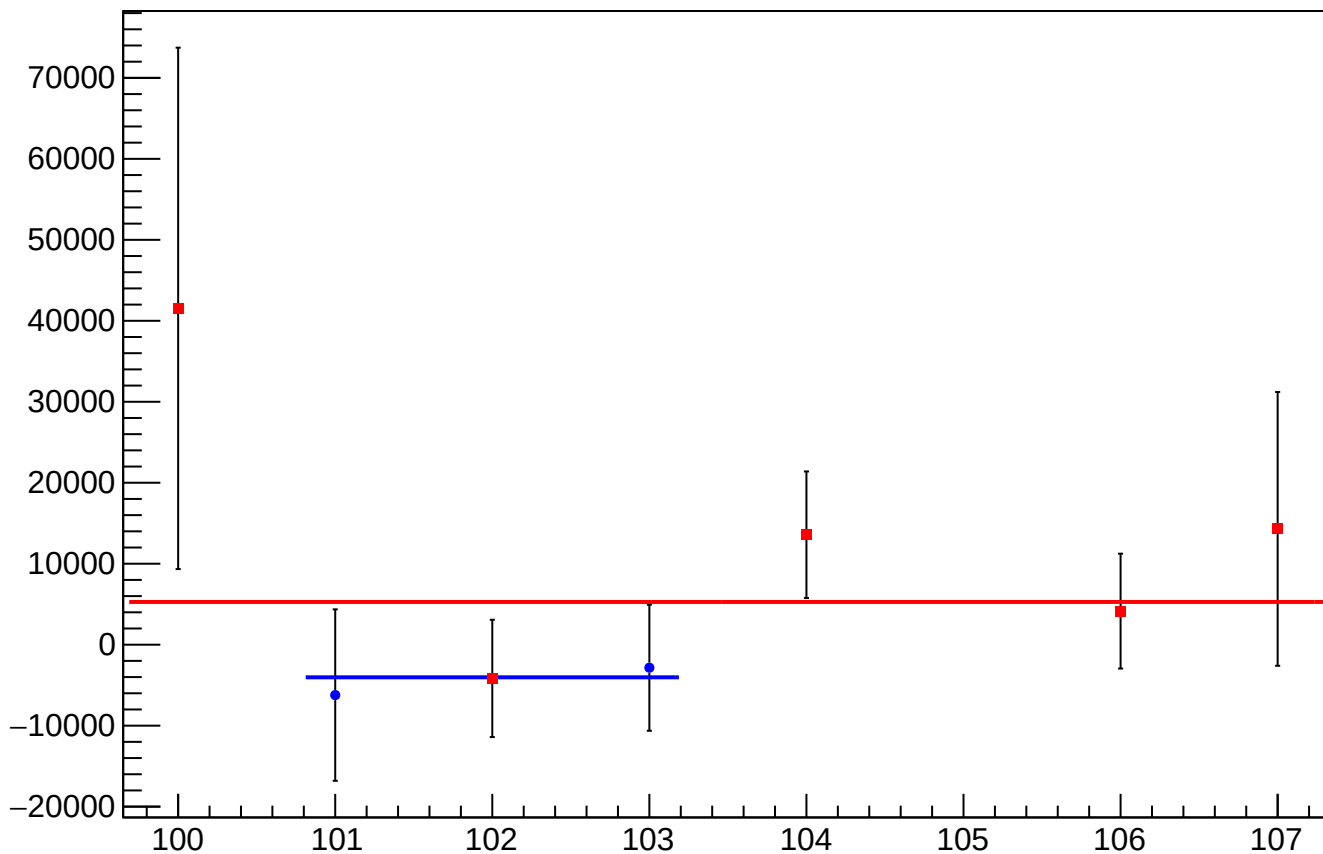
Right: 2128.279+/-0.907 χ^2/NDF : 148073.5/6

In: 2203.258+/-1.440 χ^2/NDF : 97781.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2128.279+/-0.907 χ^2/NDF : 148073.5/6

asym_atl2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -4029.153+/-6272.856 χ^2/NDF : 0.1/1

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

Right Out: 5278.685+/-4090.672 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

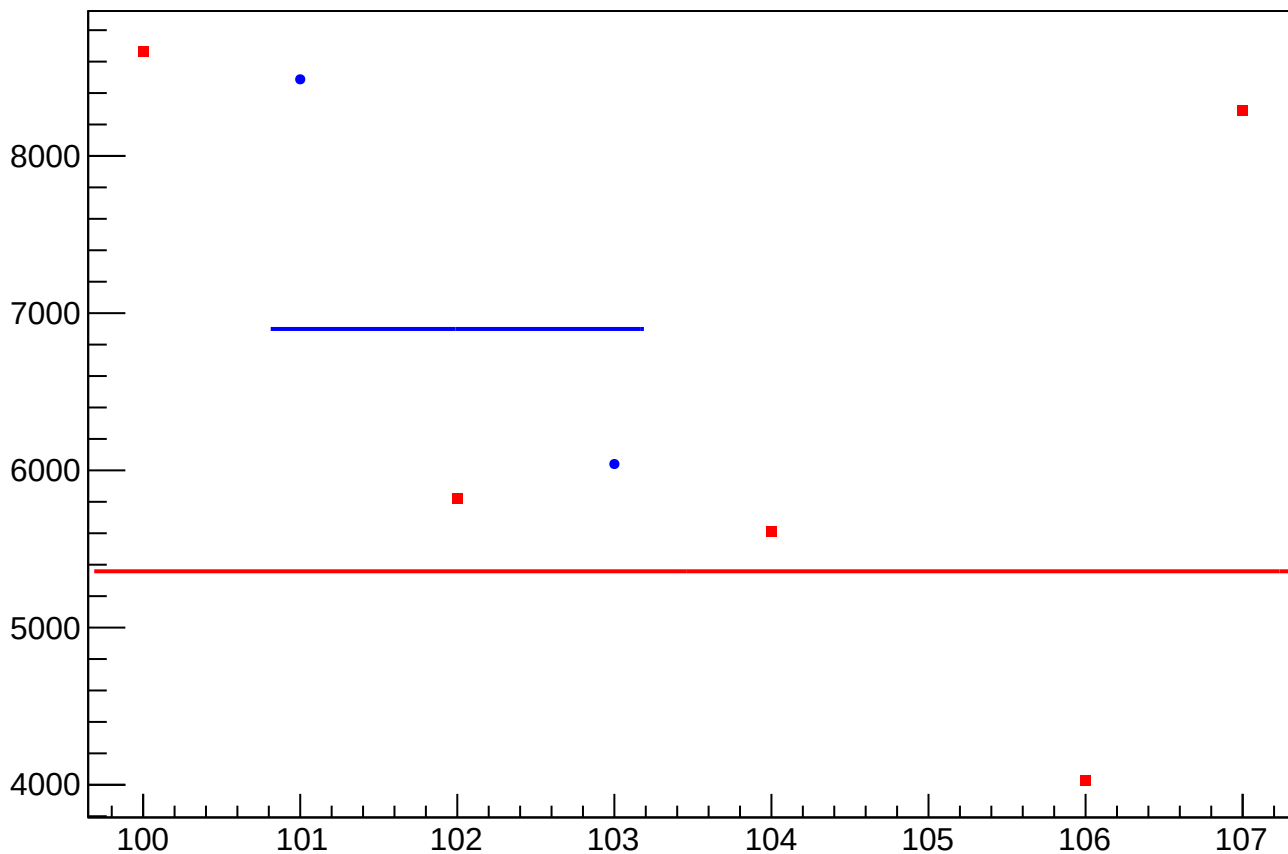
Right: 2501.453+/-3426.470 χ^2/NDF : 6.0/6

In: -4029.153+/-6272.856 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2501.453+/-3426.470 χ^2/NDF : 6.0/6

asym_atl2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 6899.460+/-4.436 χ^2/NDF : 69337.0/1

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

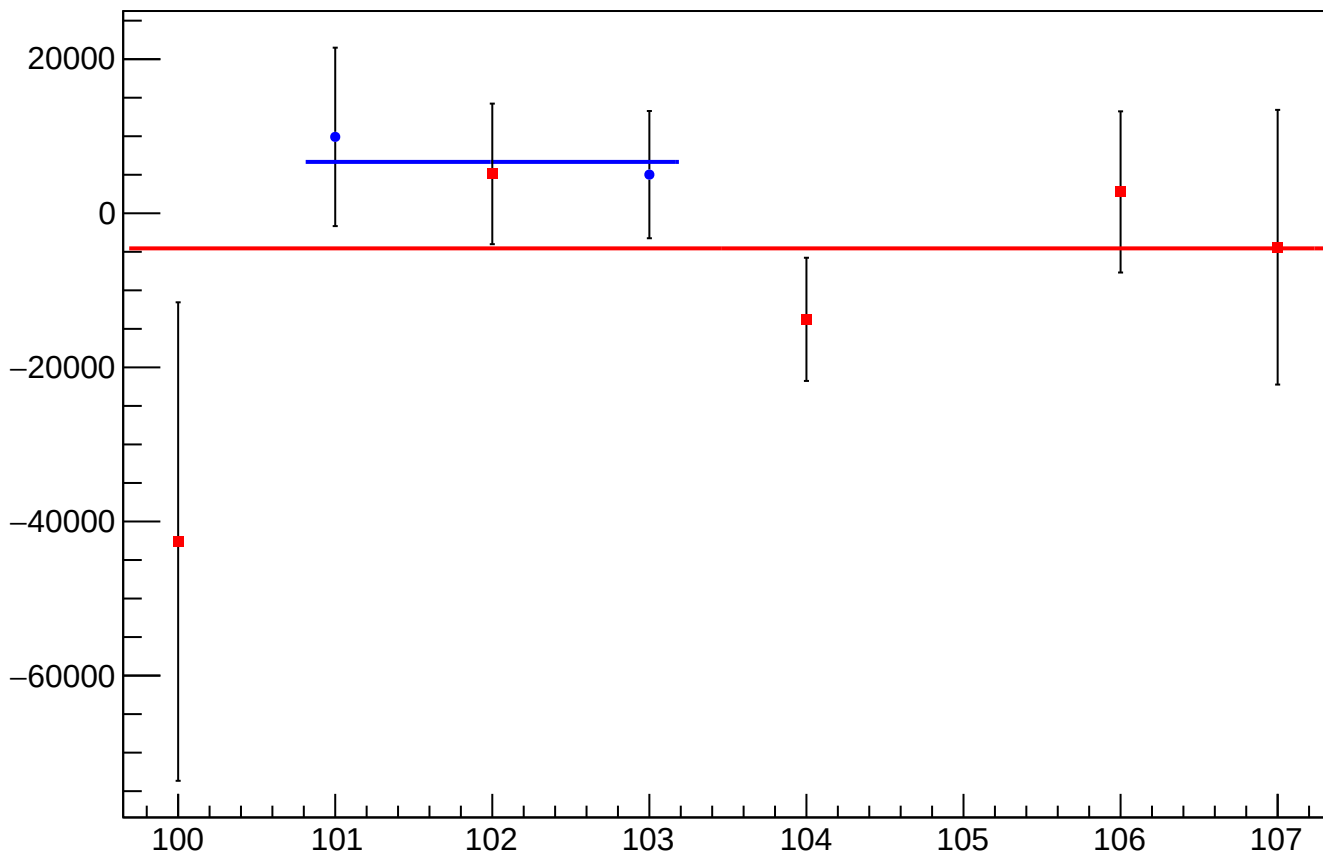
Right: 5817.980+/-2.423 χ^2/NDF : 315607.0/6

In: 6899.460+/-4.436 χ^2/NDF : 69337.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5817.980+/-2.423 χ^2/NDF : 315607.0/6

asym_atl2_mean vs Slug, Sign Corrected



Right In: 6669.371+/-6722.821 χ^2/NDF : 0.1/1

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

Right Out: -4553.489+/-4939.073 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

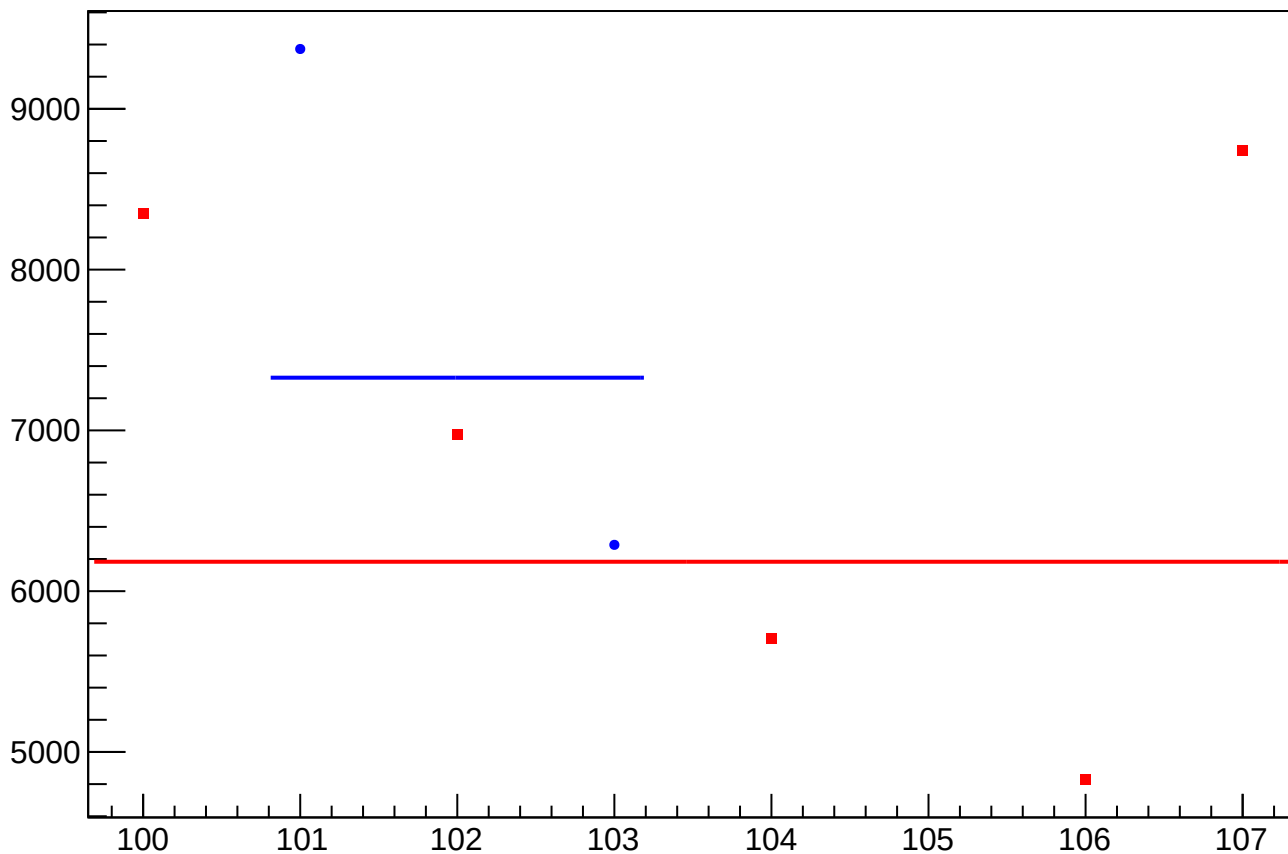
Right: -619.412+/-3980.349 χ^2/NDF : 6.4/6

In: 6669.371+/-6722.821 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -619.412+/-3980.349 χ^2/NDF : 6.4/6

asym_atl2_rms vs Slug, Sign Corrected



Right In: 7327.891+/-4.754 χ^2/NDF : 94061.0/1

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

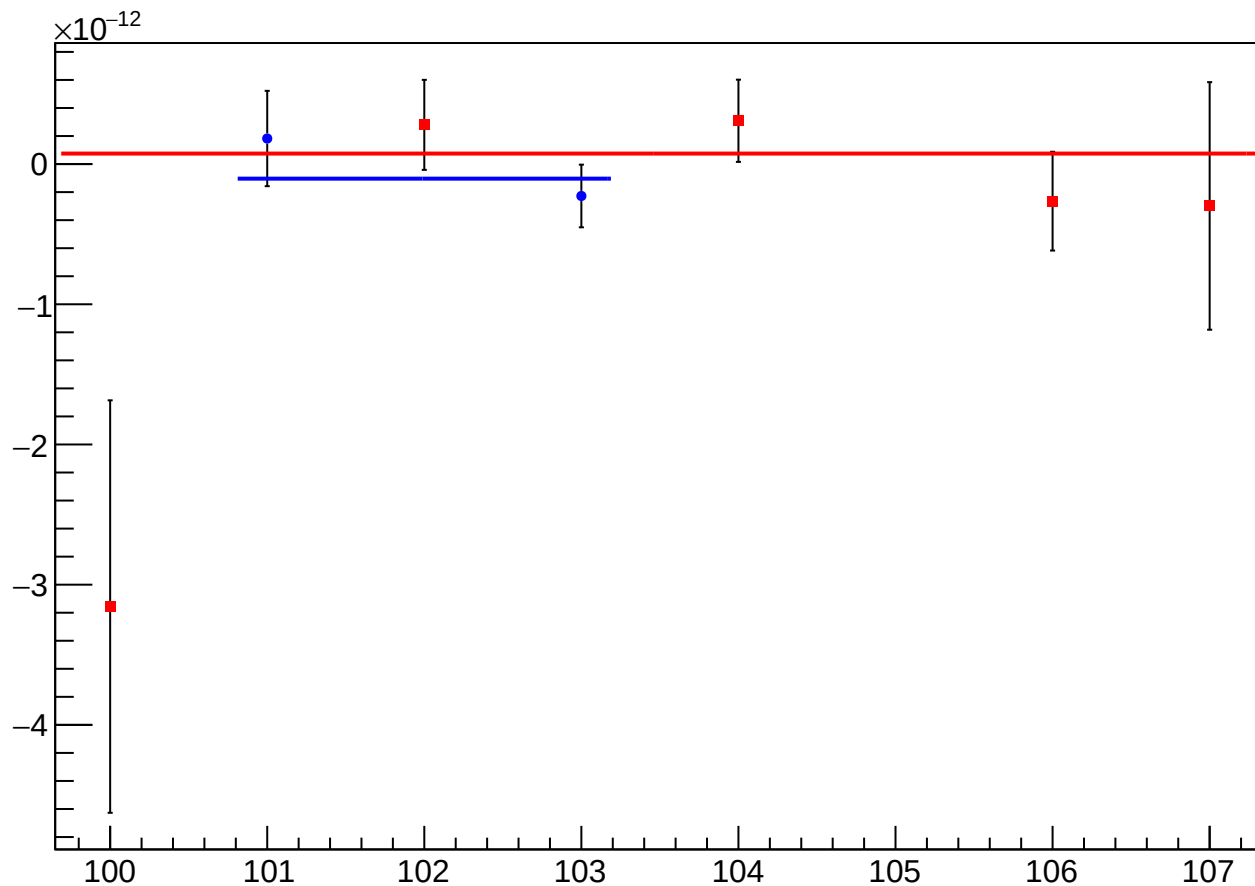
Right: 6584.364+/-2.814 χ^2/NDF : 238468.1/6

In: 7327.891+/-4.754 χ^2/NDF : 94061.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6584.364+/-2.814 χ^2/NDF : 238468.1/6

asym_atl2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.0/1

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

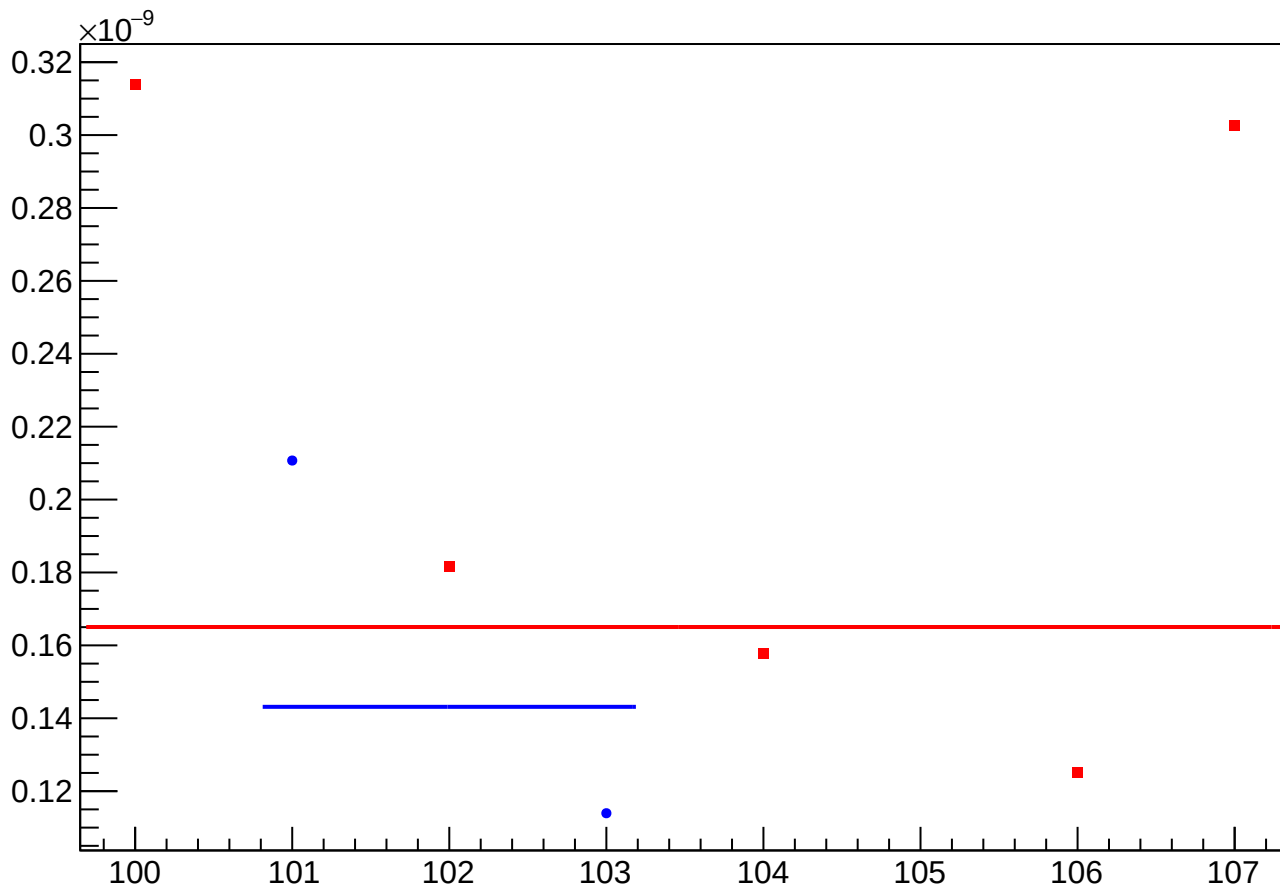
Right: -0.000+/-0.000 χ^2/NDF : 8.5/6

In: -0.000+/-0.000 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.5/6

asym_atl2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 113083.4/1

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

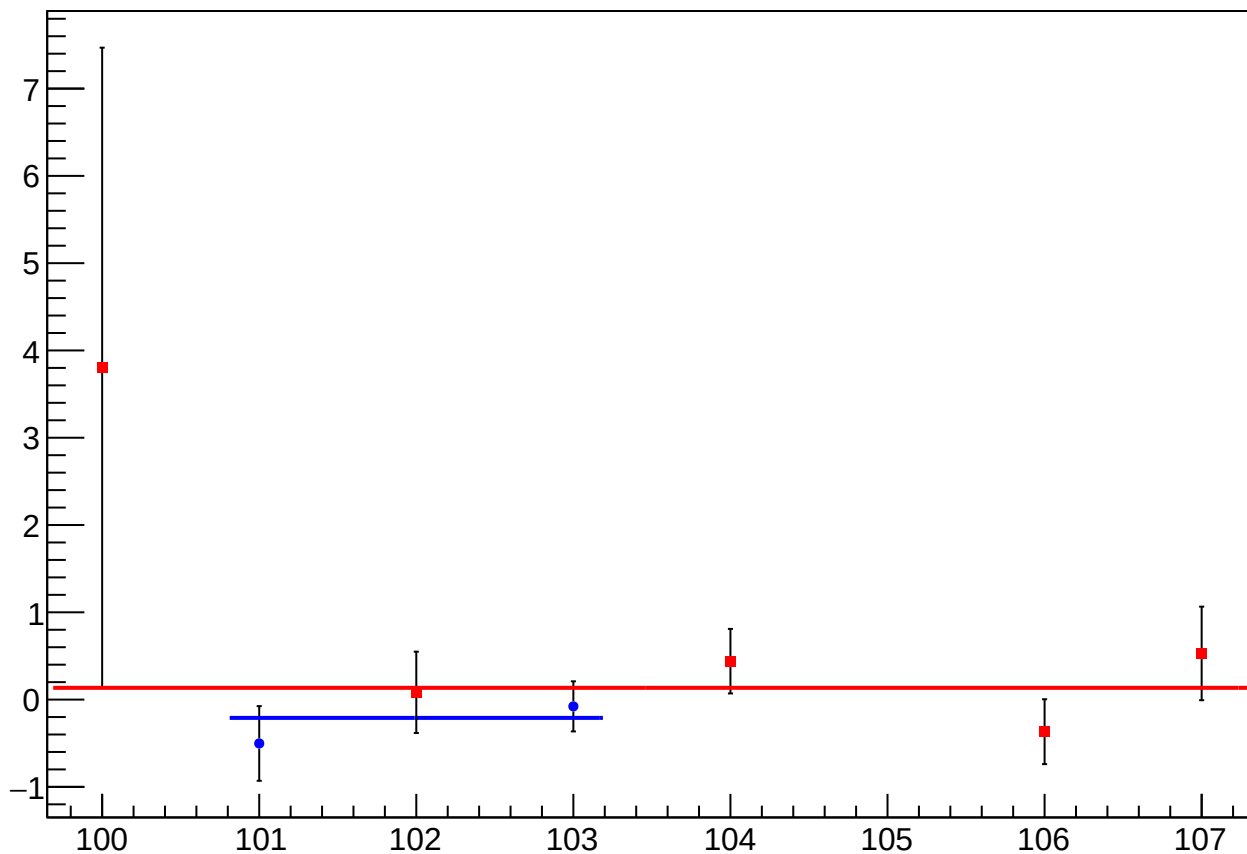
Right: 0.000+/-0.000 χ^2/NDF : 228639.5/6

In: 0.000+/-0.000 χ^2/NDF : 113083.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 228639.5/6

asym_atl2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.210 ± 0.238 $\chi^2/\text{NDF}: 0.7/1$

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

Right Out: 0.135 ± 0.210 $\chi^2/\text{NDF}: 4.1/4$

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

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

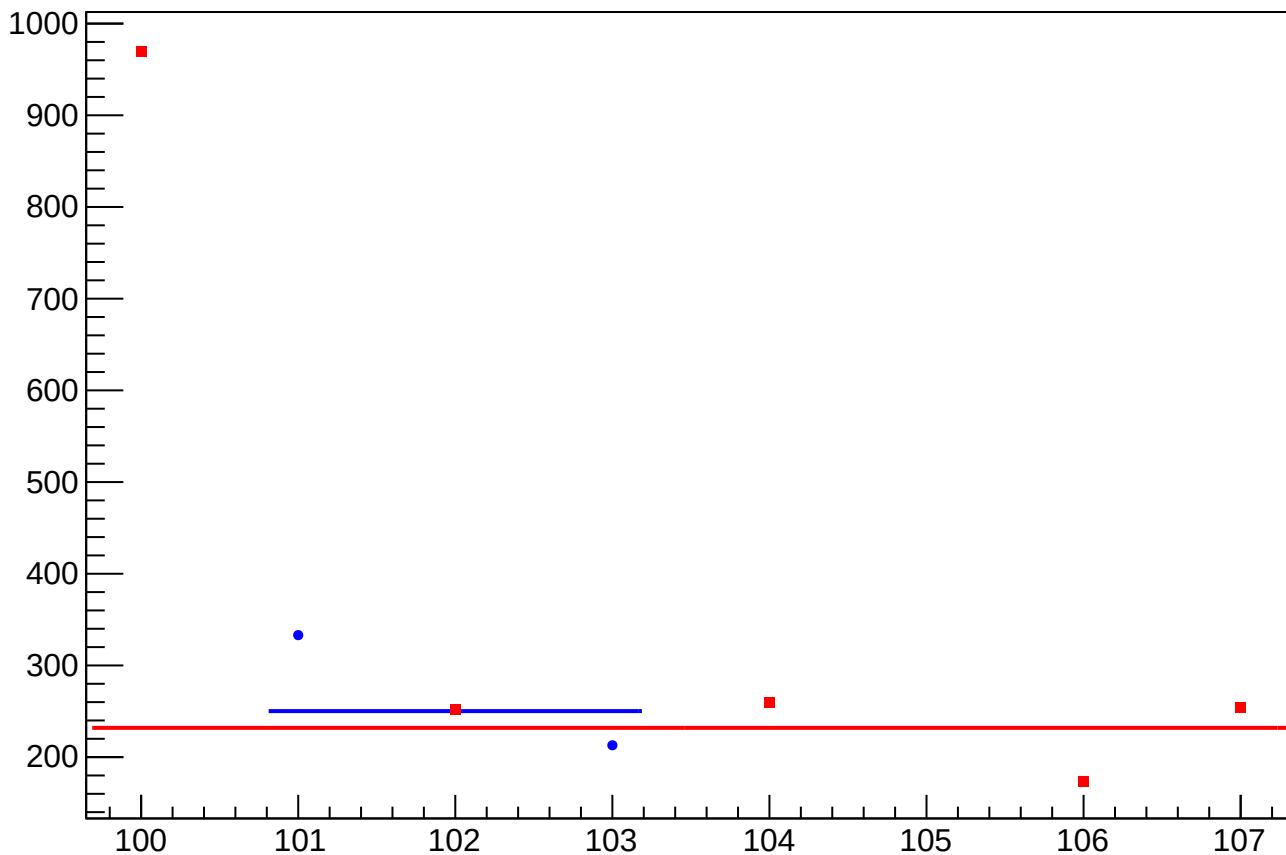
Right: -0.016 ± 0.157 $\chi^2/\text{NDF}: 5.9/6$

In: -0.210 ± 0.238 $\chi^2/\text{NDF}: 0.7/1$

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

All: -0.016 ± 0.157 $\chi^2/\text{NDF}: 5.9/6$

asym_atl2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right: 239.929 +/- 0.111 χ^2/NDF : 264111.7/6

In: 250.206 +/- 0.168 χ^2/NDF : 108750.6/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 239.929 +/- 0.111 χ^2/NDF : 264111.7/6

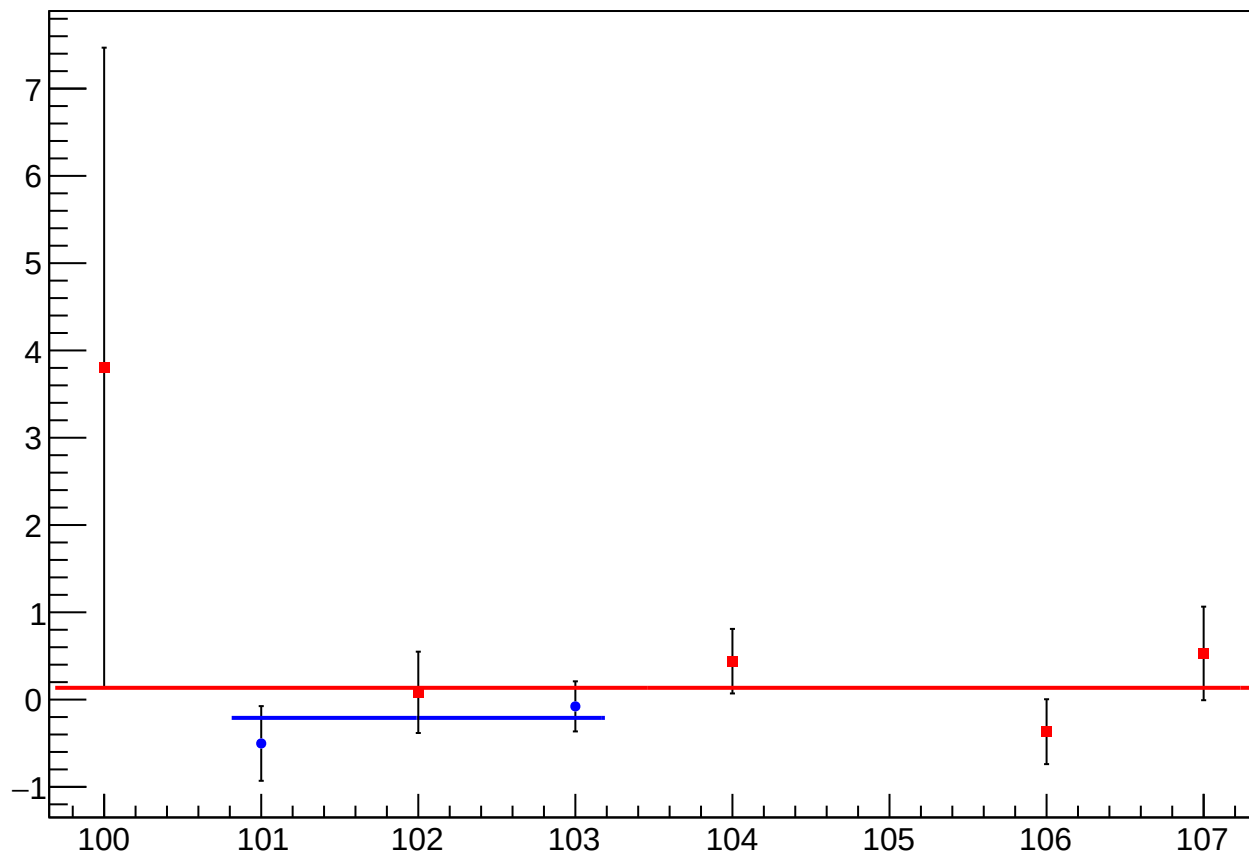
Right In: 250.206 +/- 0.168 χ^2/NDF : 108750.6/1

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

asym_atl2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.210 ± 0.238 $\chi^2/\text{NDF}: 0.7/1$

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

Right Out: 0.135 ± 0.210 $\chi^2/\text{NDF}: 4.1/4$

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

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

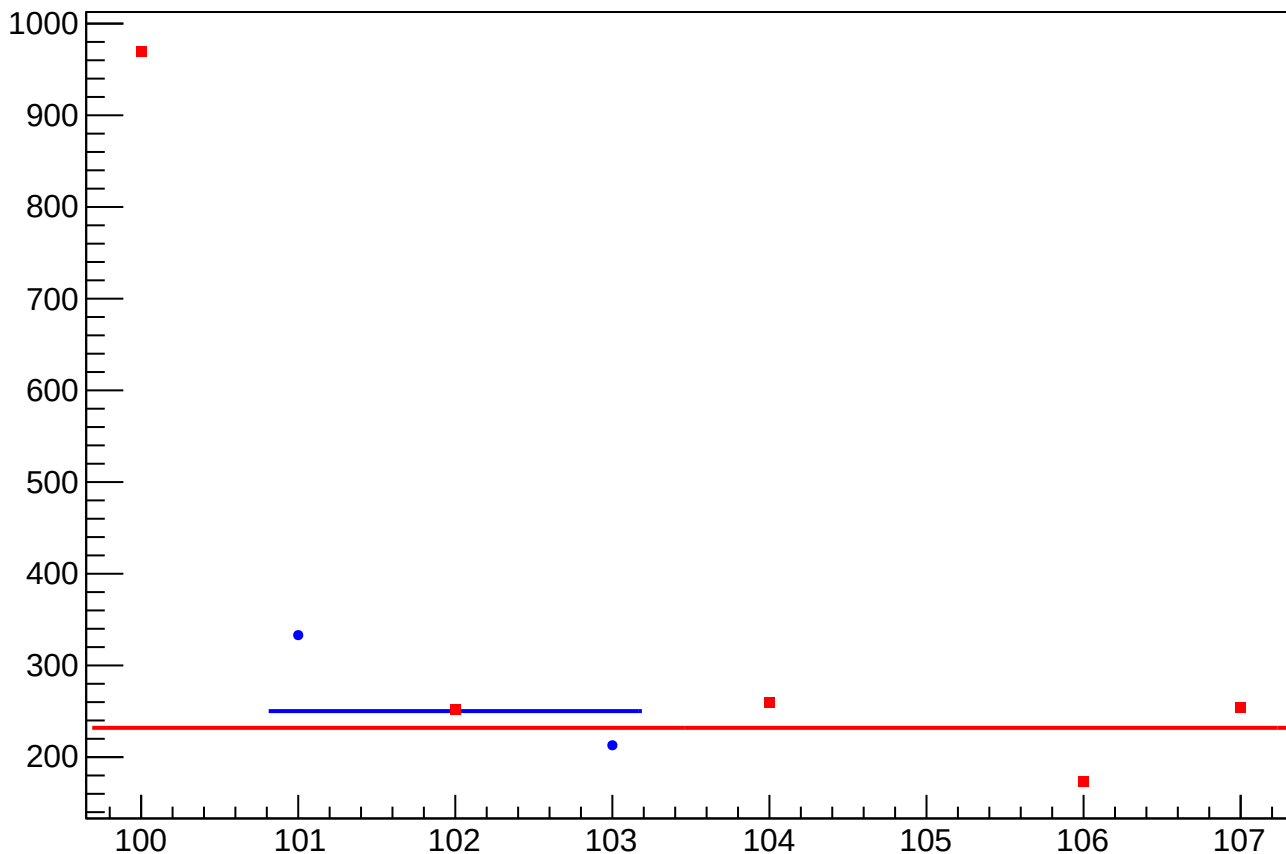
Right: -0.016 ± 0.157 $\chi^2/\text{NDF}: 5.9/6$

In: -0.210 ± 0.238 $\chi^2/\text{NDF}: 0.7/1$

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

All: -0.016 ± 0.157 $\chi^2/\text{NDF}: 5.9/6$

asym_atl2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 250.206 ± 0.168 $\chi^2/\text{NDF}: 108750.6/1$

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

Right Out: 231.961 ± 0.148 $\chi^2/\text{NDF}: 148756.4/4$

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

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

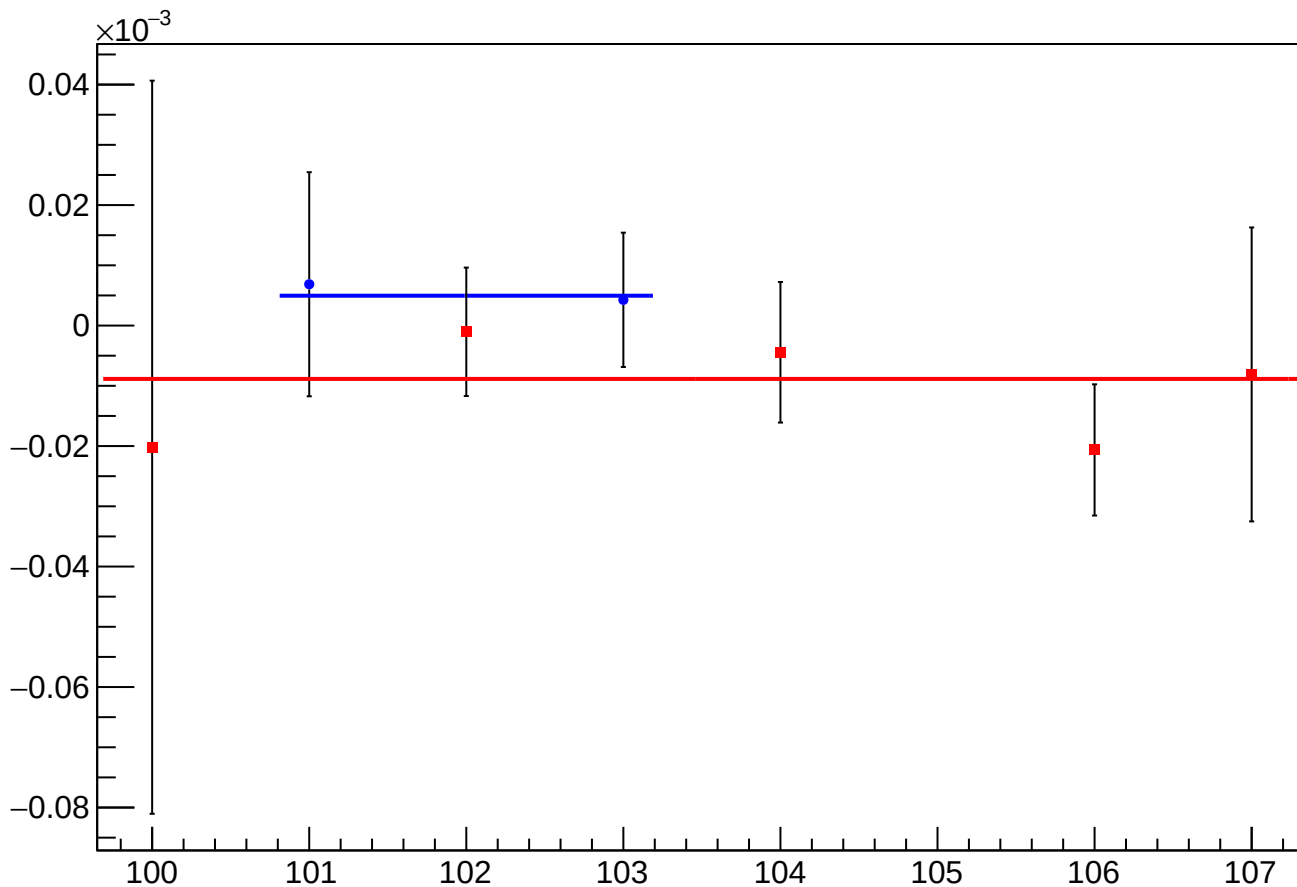
Right: 239.929 ± 0.111 $\chi^2/\text{NDF}: 264111.7/6$

In: 250.206 ± 0.168 $\chi^2/\text{NDF}: 108750.6/1$

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

All: 239.929 ± 0.111 $\chi^2/\text{NDF}: 264111.7/6$

asym_atl2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/1

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

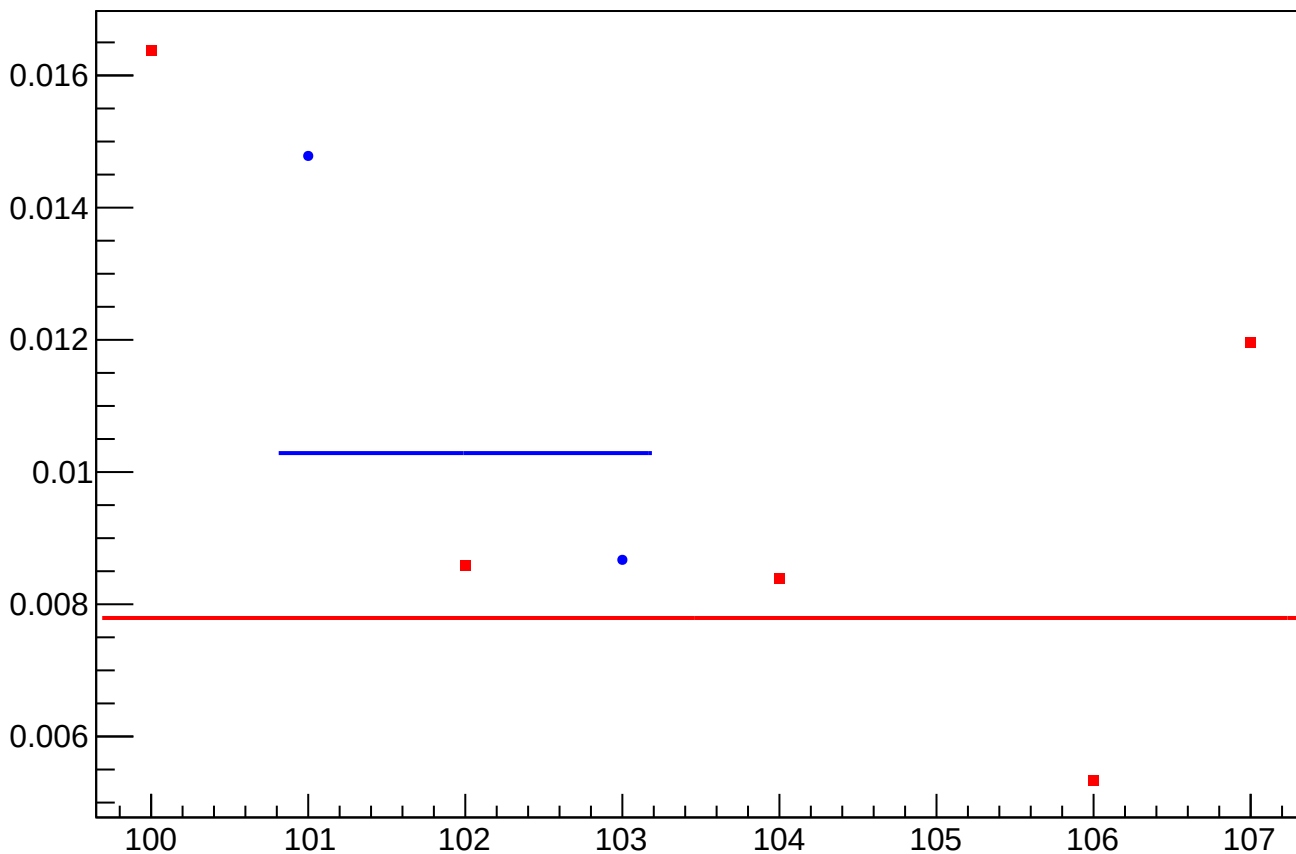
Right: -0.000+/-0.000 χ^2/NDF : 3.4/6

In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.4/6

asym_atl2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 158781.8/1

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

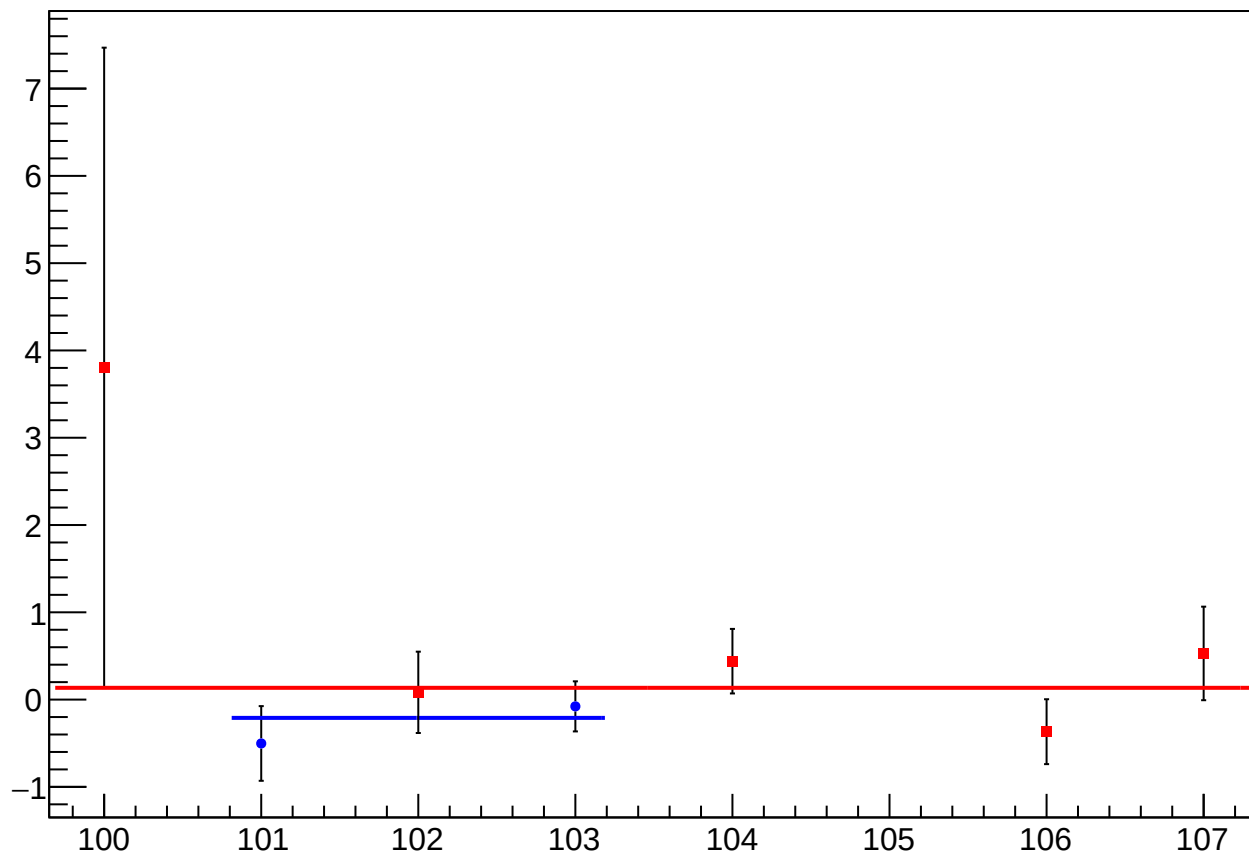
Right: 0.009+/-0.000 χ^2/NDF : 471310.2/6

In: 0.010+/-0.000 χ^2/NDF : 158781.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 471310.2/6

asym_atl2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.210+/-0.238 χ^2/NDF : 0.7/1

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

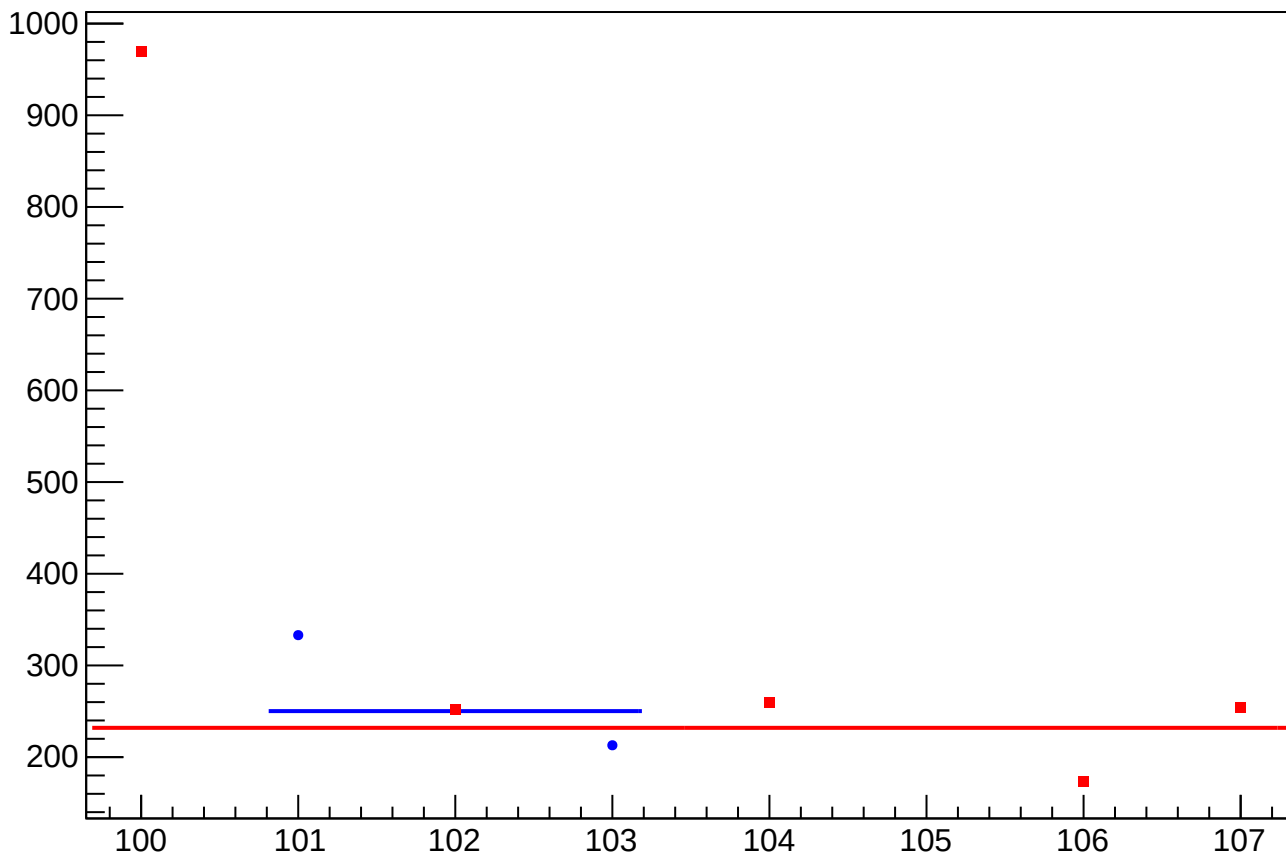
Right: -0.016+/-0.157 χ^2/NDF : 5.9/6

In: -0.210+/-0.238 χ^2/NDF : 0.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.157 χ^2/NDF : 5.9/6

asym_atl2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 250.207+/-0.168 χ^2/NDF : 108736.4/1

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

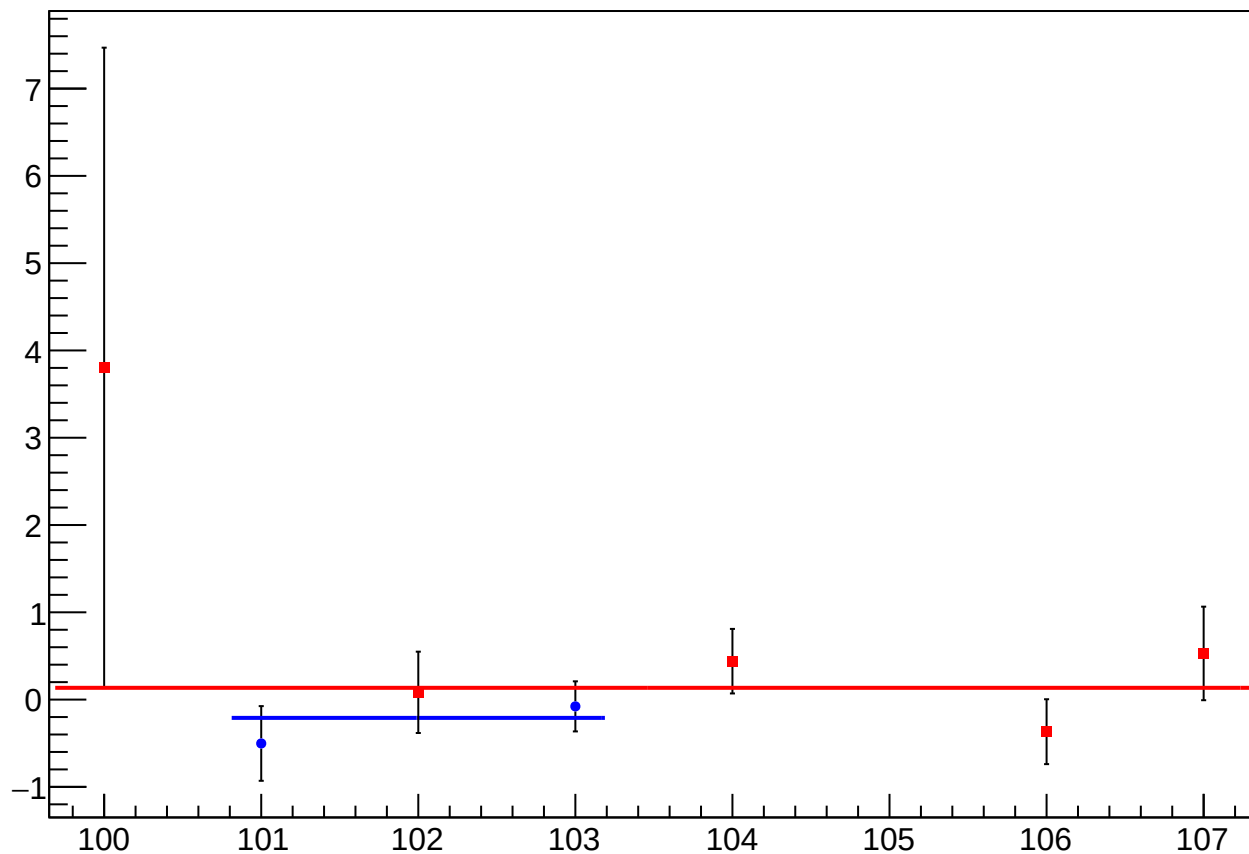
Right: 239.930+/-0.111 χ^2/NDF : 264100.0/6

In: 250.207+/-0.168 χ^2/NDF : 108736.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 239.930+/-0.111 χ^2/NDF : 264100.0/6

asym_atl2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.210+/-0.238 χ^2 /NDF: 0.7/1

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

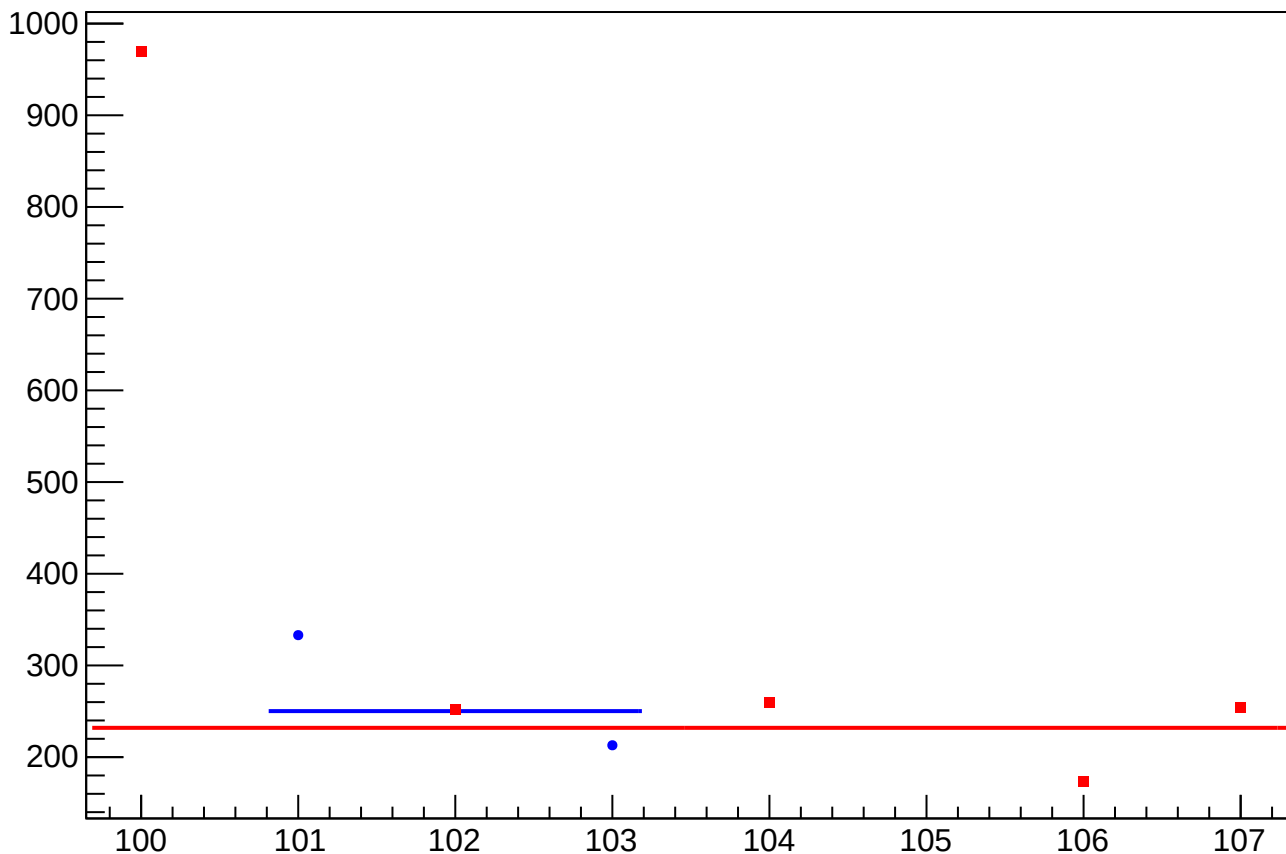
Right: -0.016+/-0.157 χ^2 /NDF: 5.9/6

In: -0.210+/-0.238 χ^2 /NDF:0.7/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.016+/-0.157 χ^2 /NDF: 5.9/6

asym_atl2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 250.207 ± 0.168 $\chi^2/\text{NDF}: 108736.4/1$

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

Right Out: 231.962 ± 0.148 $\chi^2/\text{NDF}: 148758.7/4$

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

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

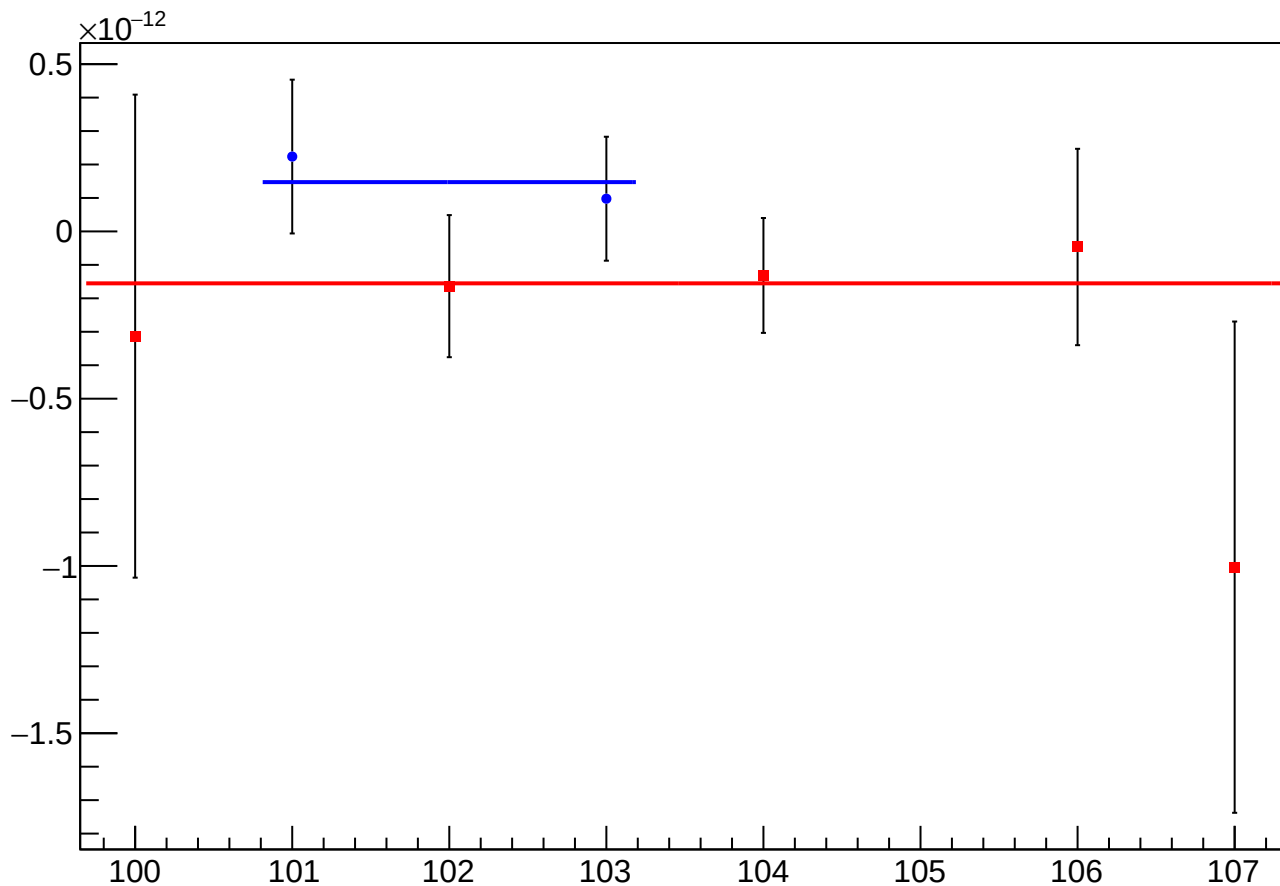
Right: 239.930 ± 0.111 $\chi^2/\text{NDF}: 264100.0/6$

In: 250.207 ± 0.168 $\chi^2/\text{NDF}: 108736.4/1$

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

All: 239.930 ± 0.111 $\chi^2/\text{NDF}: 264100.0/6$

asym_atl2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.2/1

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

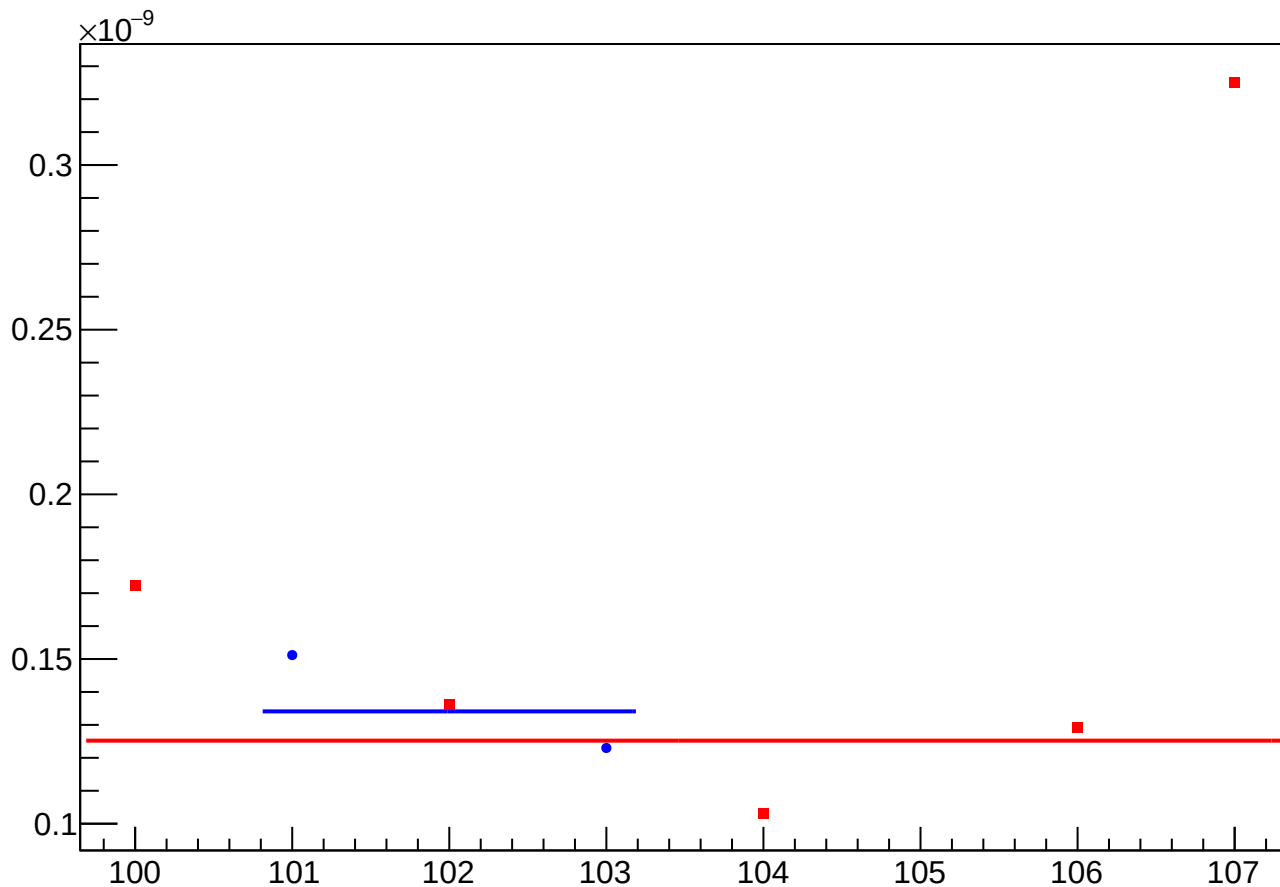
Right: -0.000+/-0.000 χ^2/NDF : 4.4/6

In: 0.000+/-0.000 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.4/6

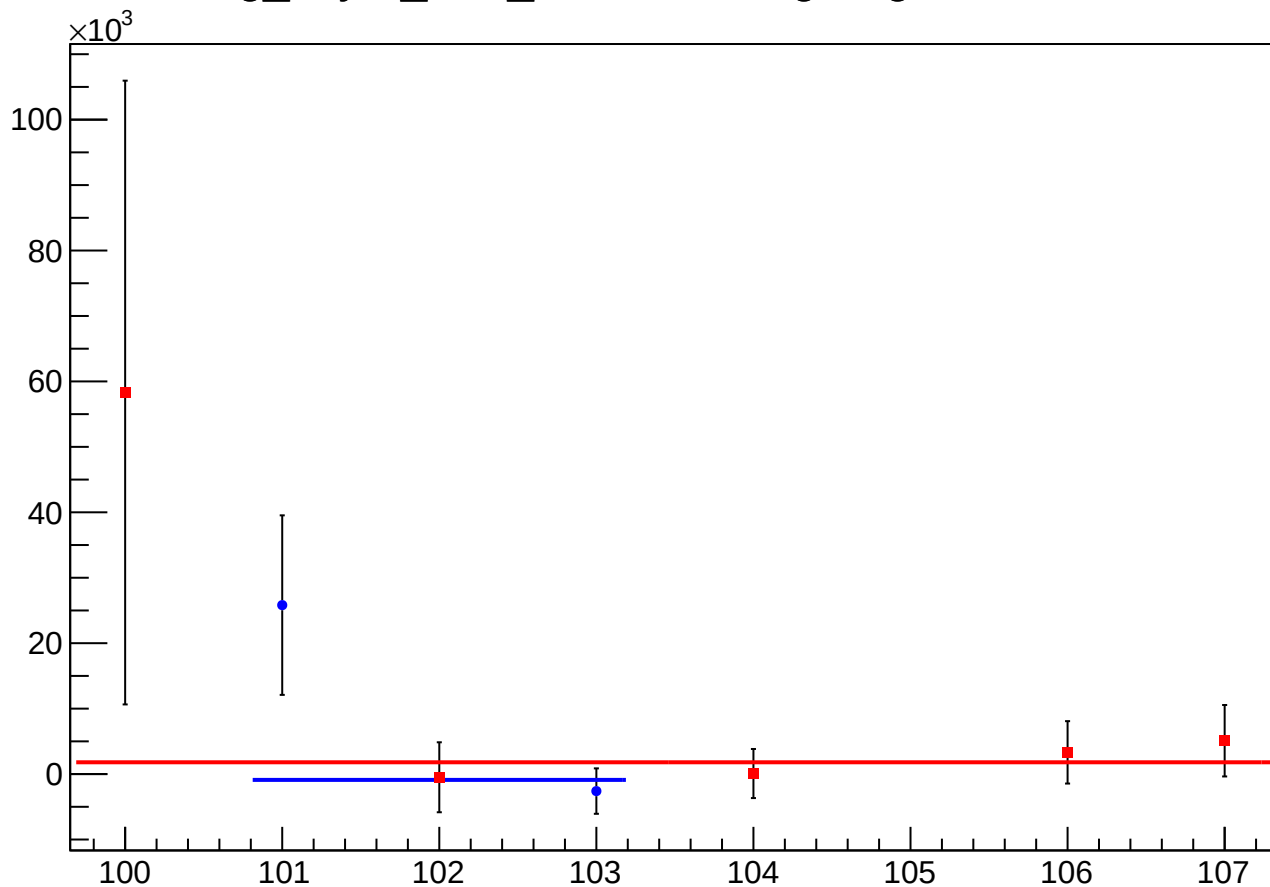
asym_atl2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 18250.8/1
 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 : 218328.0/6
 In: 0.000+/-0.000 χ^2/NDF : 18250.8/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 218328.0/6

reg_asym_atr1_mean vs Slug, Sign Corrected



Right In: -888.906+/-3364.643 χ^2/NDF : 4.0/1

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

Right Out: 1801.623+/-2330.798 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

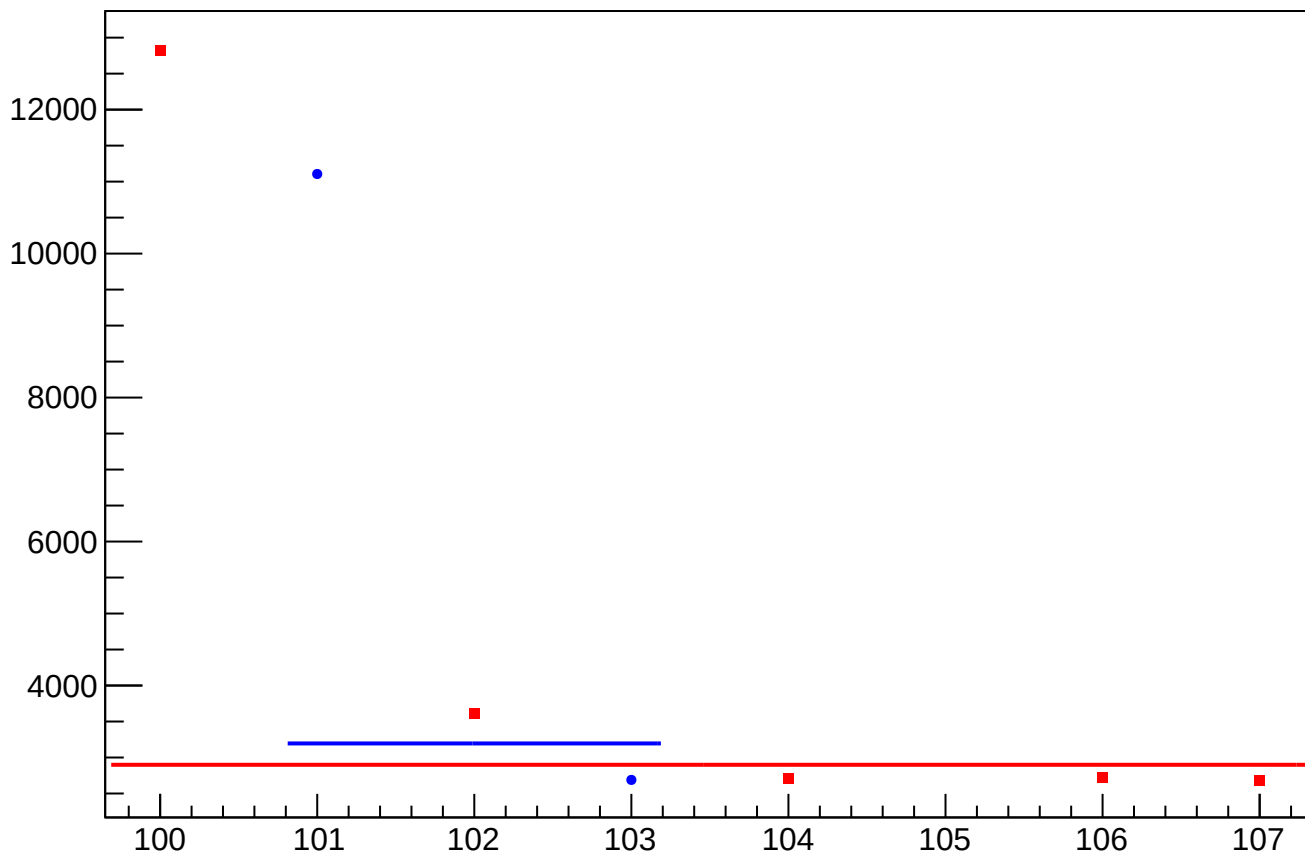
Right: 929.168+/-1915.983 χ^2/NDF : 6.7/6

In: -888.906+/-3364.643 χ^2/NDF : 4.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 929.168+/-1915.983 χ^2/NDF : 6.7/6

reg_asym_atr1_rms vs Slug, Sign Corrected



Right In: 3195.457+/-2.379 χ^2/NDF : 707770.1/1

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

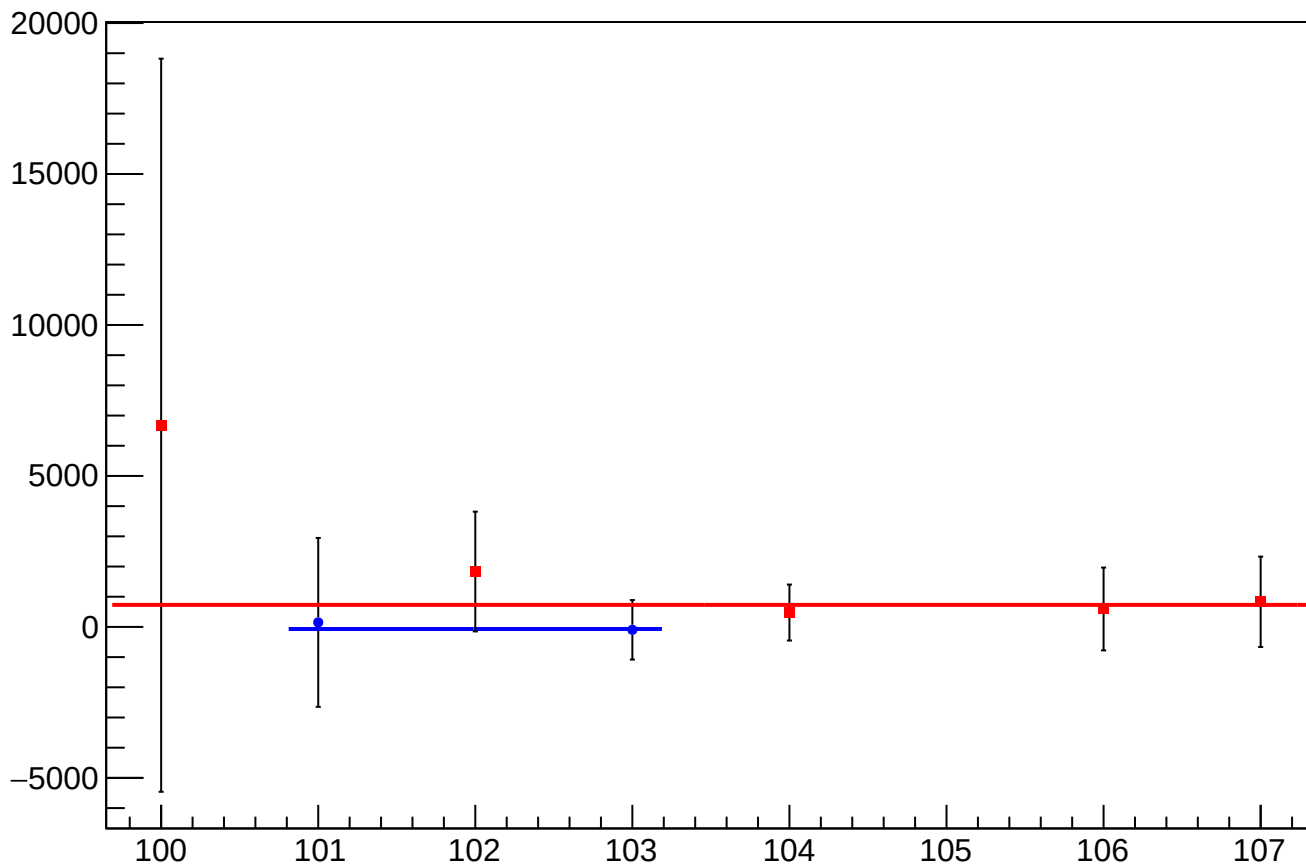
Right: 2995.045+/-1.355 χ^2/NDF : 851564.7/6

In: 3195.457+/-2.379 χ^2/NDF : 707770.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2995.045+/-1.355 χ^2/NDF : 851564.7/6

asym_atr1_reg_correction_mean vs Slug, Sign Corrected



Right In: -68.722 $\pm$ 929.320 χ^2 /NDF: 0.0/1

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

Right Out: 729.652 $\pm$ 645.083 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

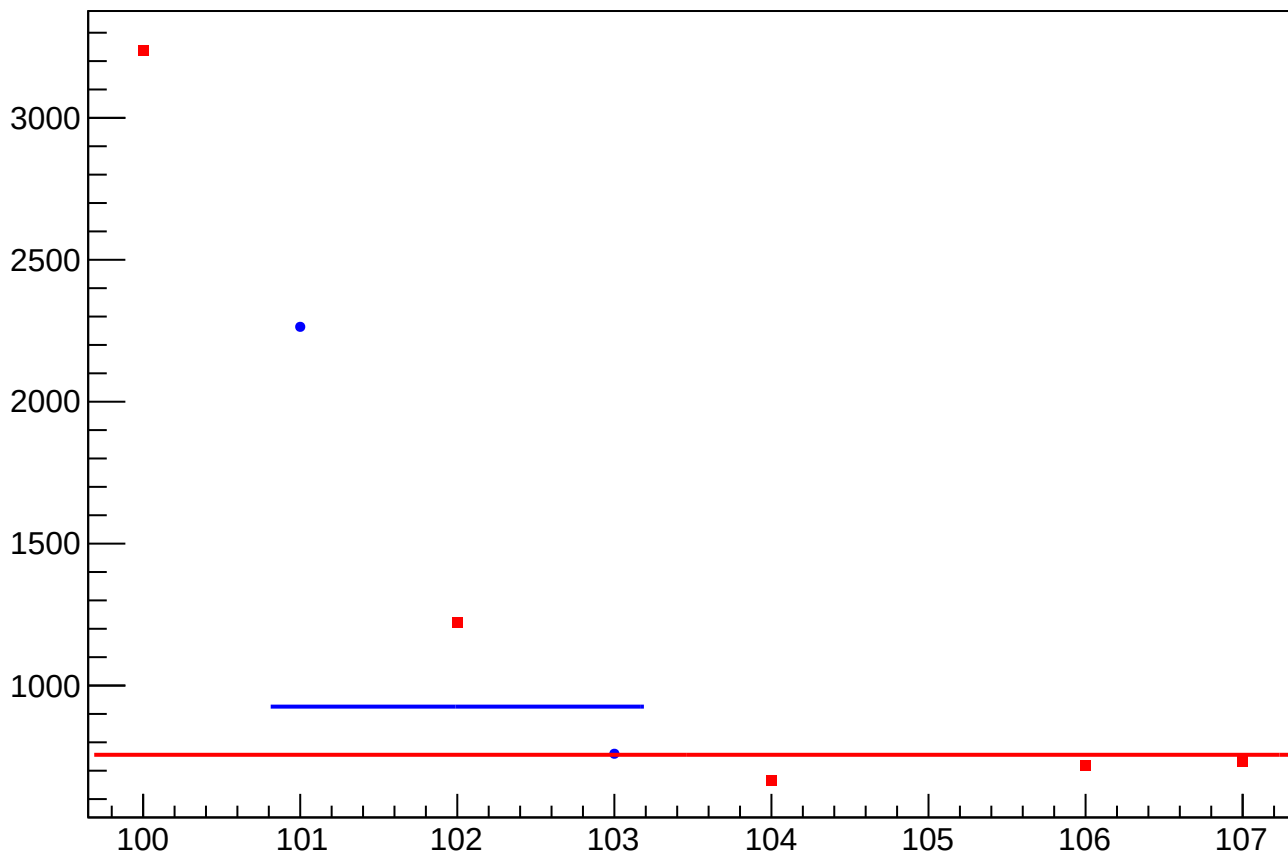
Right: 470.051 $\pm$ 529.926 χ^2 /NDF: 1.1/6

In: -68.722 $\pm$ 929.320 χ^2 /NDF: 0.0/1

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

All: 470.051 $\pm$ 529.926 χ^2 /NDF: 1.1/6

asym_atr1_reg_correction_rms vs Slug, Sign Corrected



Right In: 925.764 ± 0.657 $\chi^2/\text{NDF}: 514533.8/1$

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

Right Out: 756.038 ± 0.456 $\chi^2/\text{NDF}: 215329.7/4$

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

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

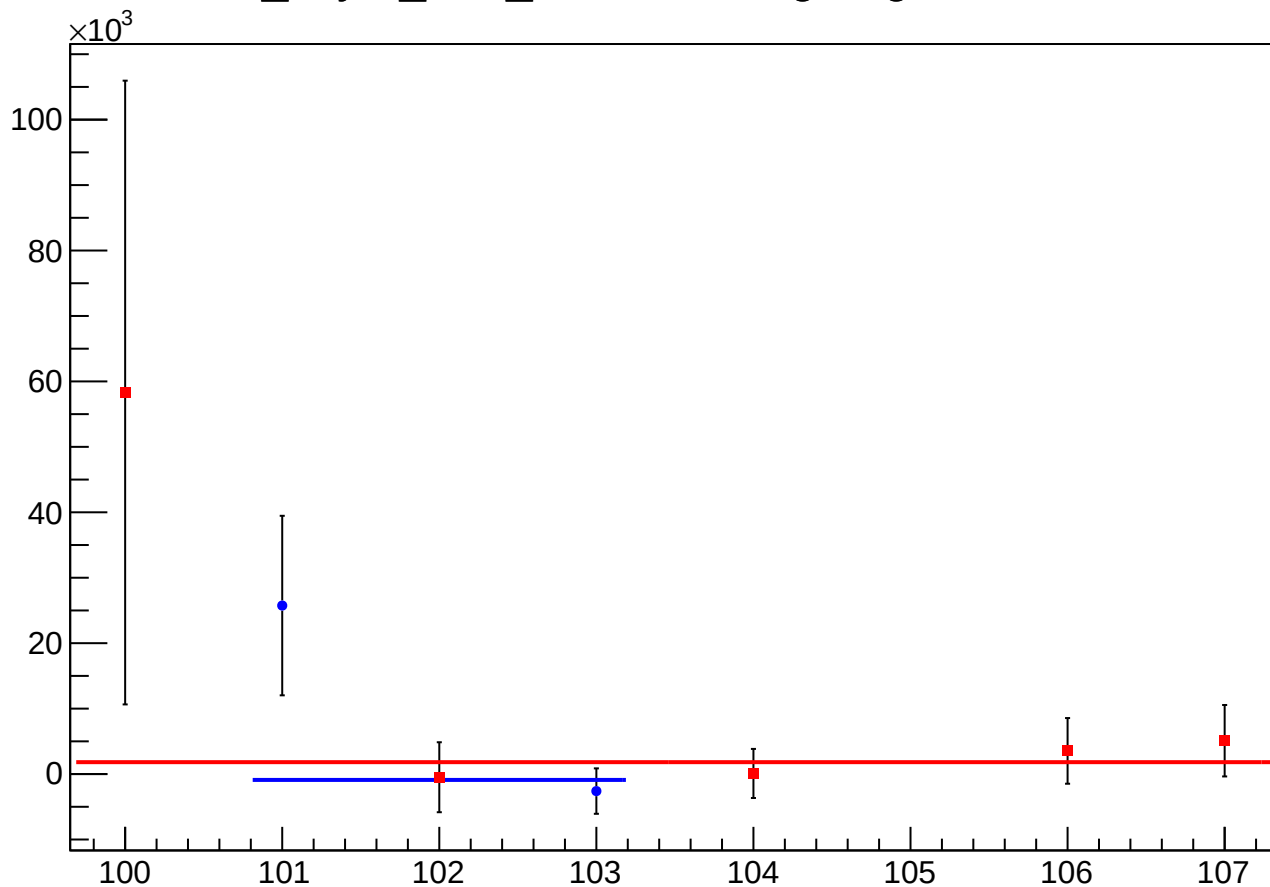
Right: 811.226 ± 0.375 $\chi^2/\text{NDF}: 774882.7/6$

In: 925.764 ± 0.657 $\chi^2/\text{NDF}: 514533.8/1$

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

All: 811.226 ± 0.375 $\chi^2/\text{NDF}: 774882.7/6$

cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: -895.097 ± 3364.648 χ^2/NDF : 4.0/1

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

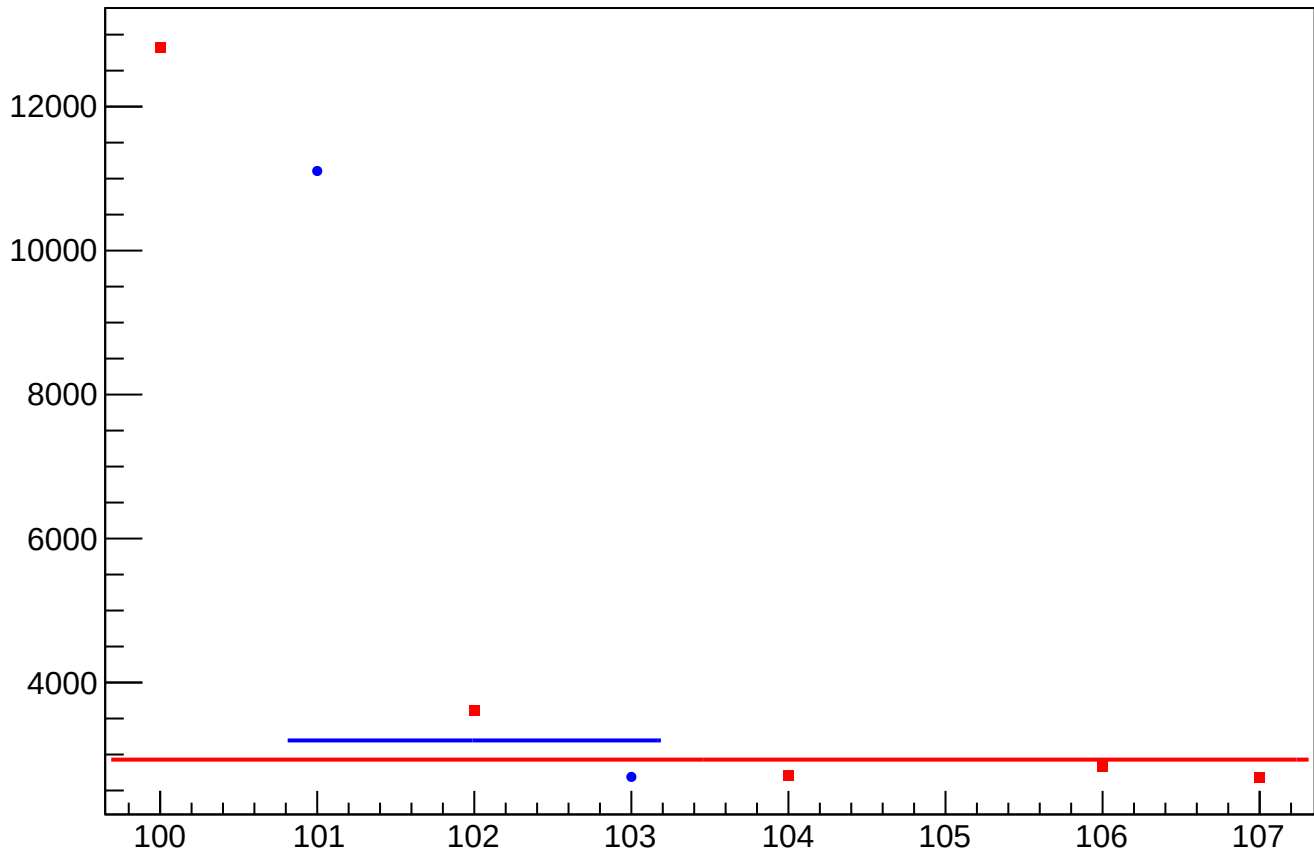
Right: 924.495 ± 1931.221 χ^2/NDF : 6.7/6

In: -895.097 ± 3364.648 χ^2/NDF : 4.0/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 924.495 ± 1931.221 χ^2/NDF : 6.7/6

cor_asym_atr1_rms vs Slug, Sign Corrected



Right In: 3195.458+/-2.379 χ^2/NDF : 707769.3/1

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

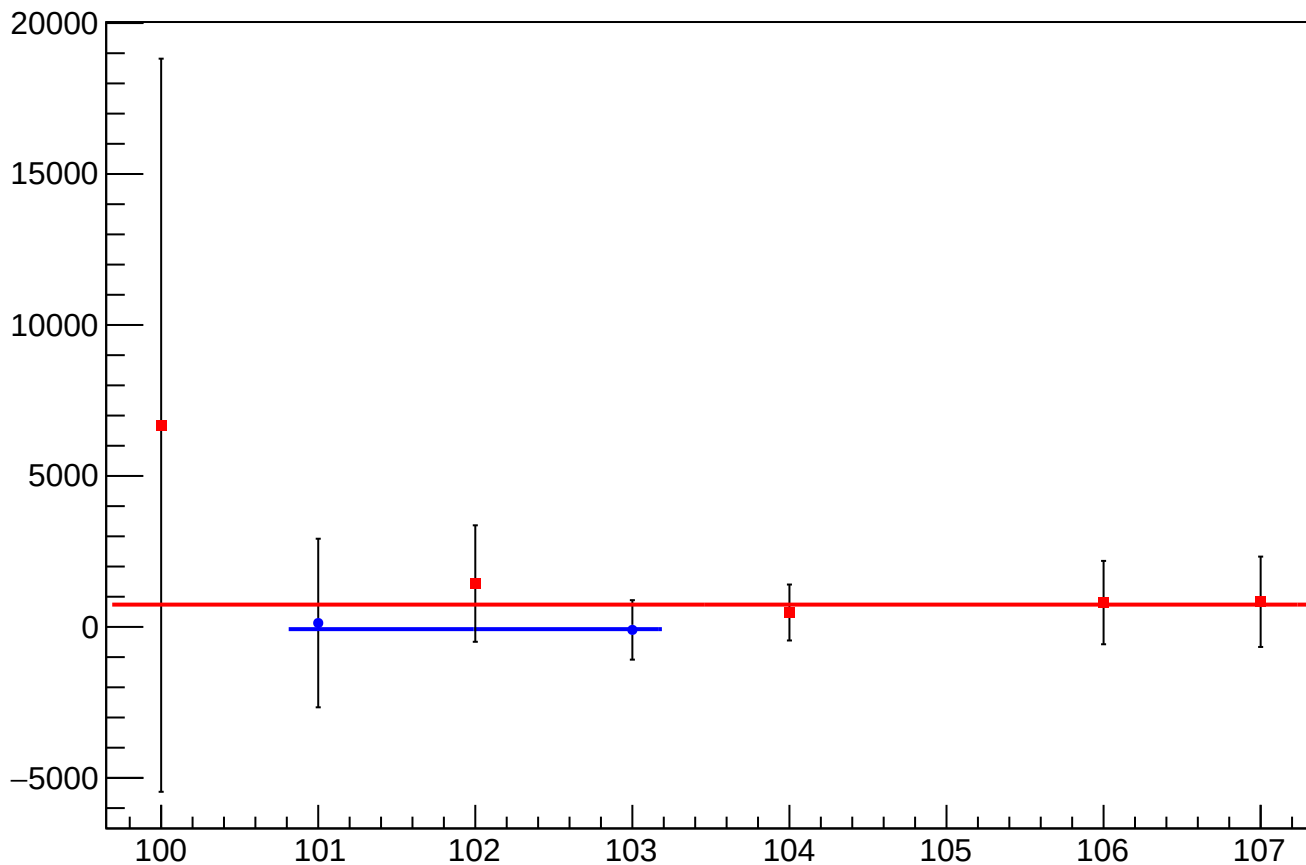
Right: 3016.816+/-1.366 χ^2/NDF : 846657.4/6

In: 3195.458+/-2.379 χ^2/NDF : 707769.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3016.816+/-1.366 χ^2/NDF : 846657.4/6

asym_atr1_cor_correction_mean vs Slug, Sign Corrected



Right In: -73.532 $\pm$ 928.788 χ^2 /NDF: 0.0/1

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

Right Out: 739.018 $\pm$ 643.848 χ^2 /NDF: 0.5/4

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

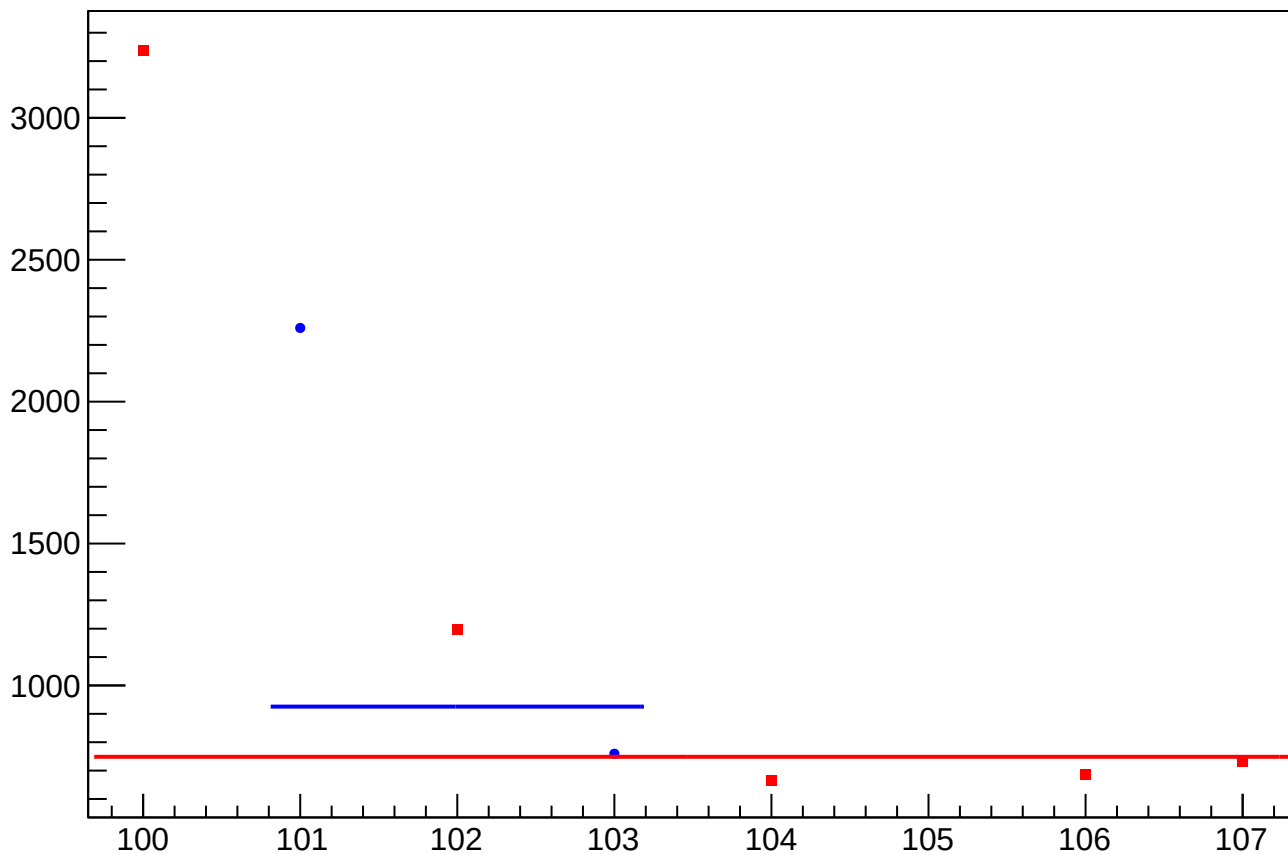
Right: 475.287 $\pm$ 529.142 χ^2 /NDF: 1.0/6

In: -73.532 $\pm$ 928.788 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 475.287 $\pm$ 529.142 χ^2 /NDF: 1.0/6

asym_atr1_cor_correction_rms vs Slug, Sign Corrected



Right In: 925.458+/-0.657 χ^2/NDF : 513730.0/1

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

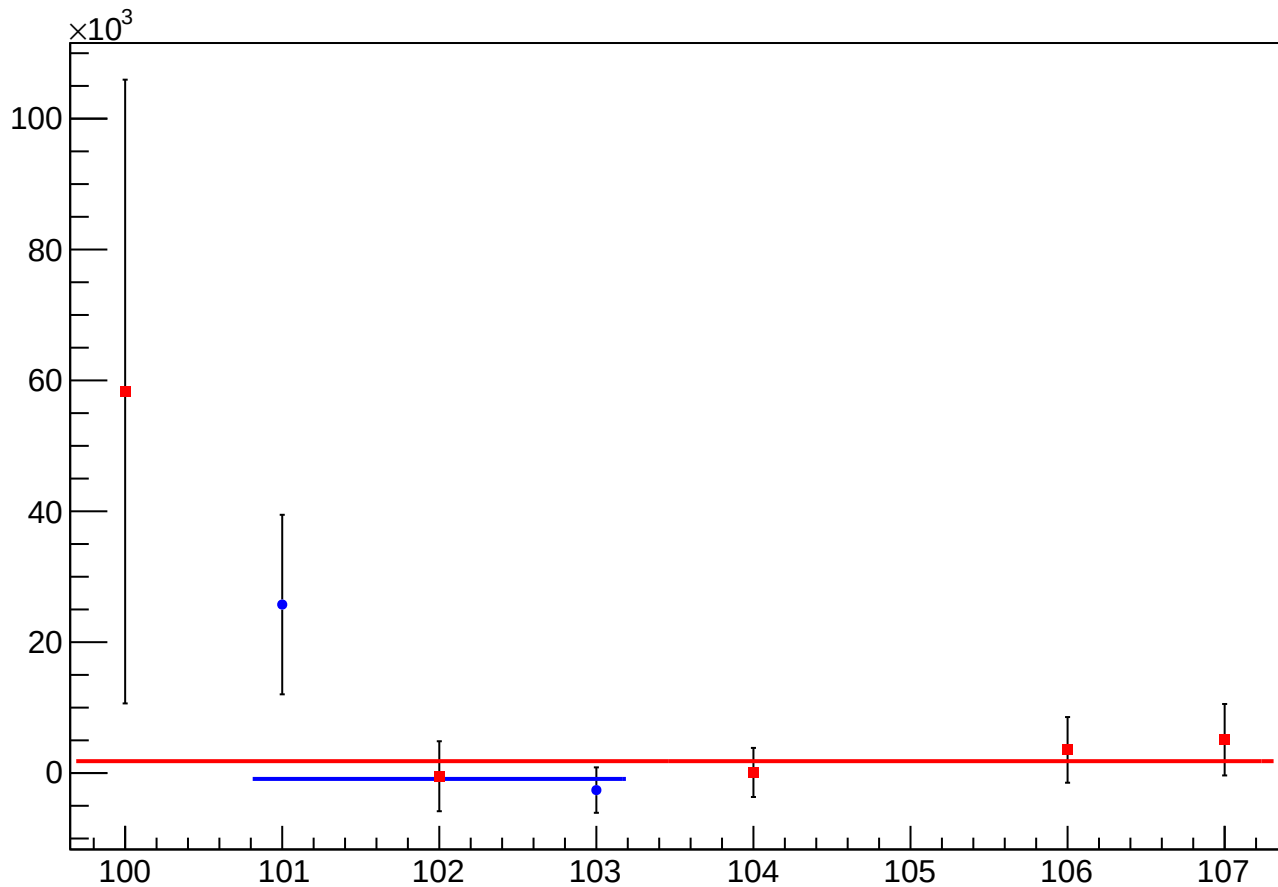
Right: 805.997+/-0.374 χ^2/NDF : 776394.3/6

In: 925.458+/-0.657 χ^2/NDF : 513730.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 805.997+/-0.374 χ^2/NDF : 776394.3/6

eigen_cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: -895.097 $\pm$ 3364.648 χ^2 /NDF: 4.0/1

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

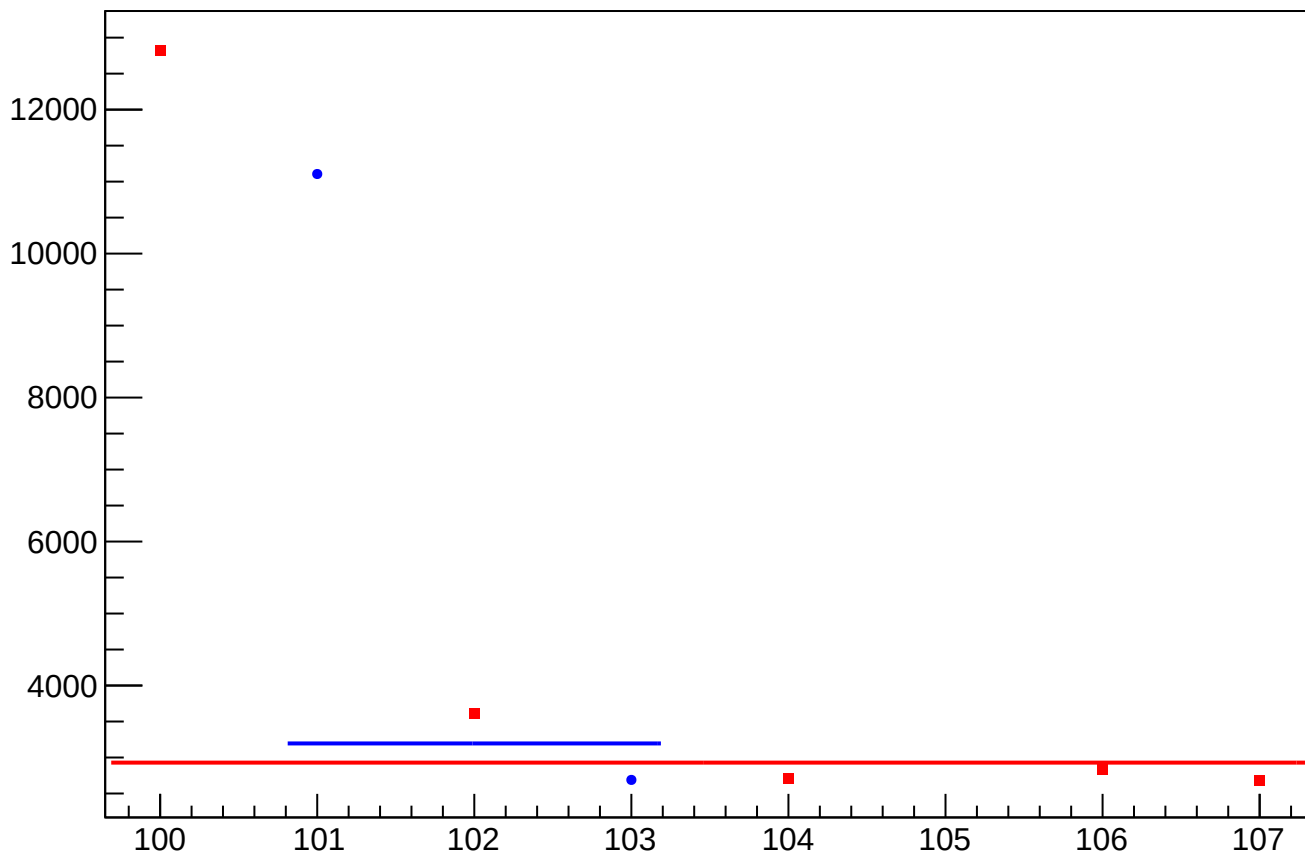
Right: 924.495 $\pm$ 1931.221 χ^2 /NDF: 6.7/6

In: -895.097 $\pm$ 3364.648 χ^2 /NDF:4.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 924.495 $\pm$ 1931.221 χ^2 /NDF: 6.7/6

eigen_cor_asym_atr1_rms vs Slug, Sign Corrected



Right In: 3195.458+/-2.379 χ^2/NDF : 707769.3/1

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

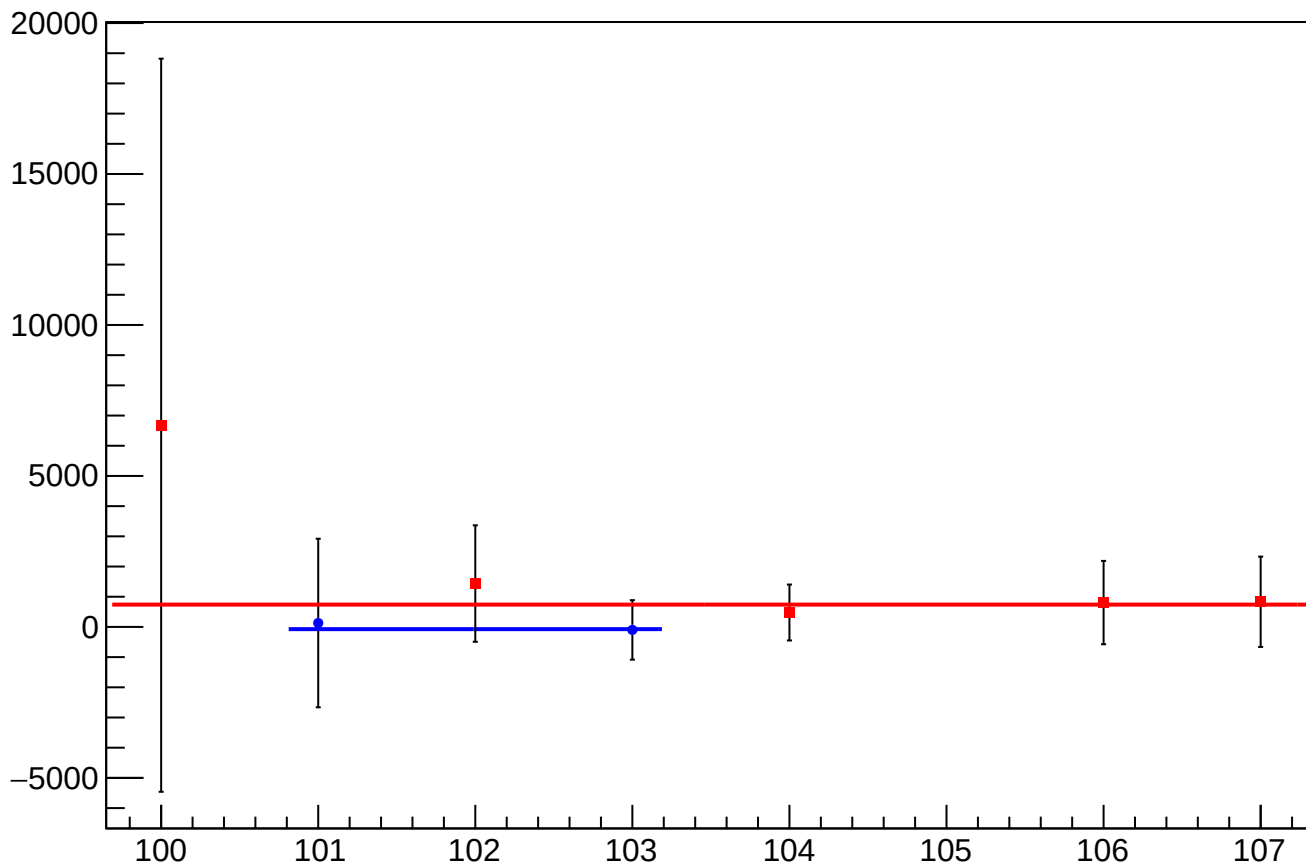
Right: 3016.816+/-1.366 χ^2/NDF : 846657.4/6

In: 3195.458+/-2.379 χ^2/NDF : 707769.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3016.816+/-1.366 χ^2/NDF : 846657.4/6

asym_atr1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -73.532+/-928.788 χ^2/NDF : 0.0/1

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

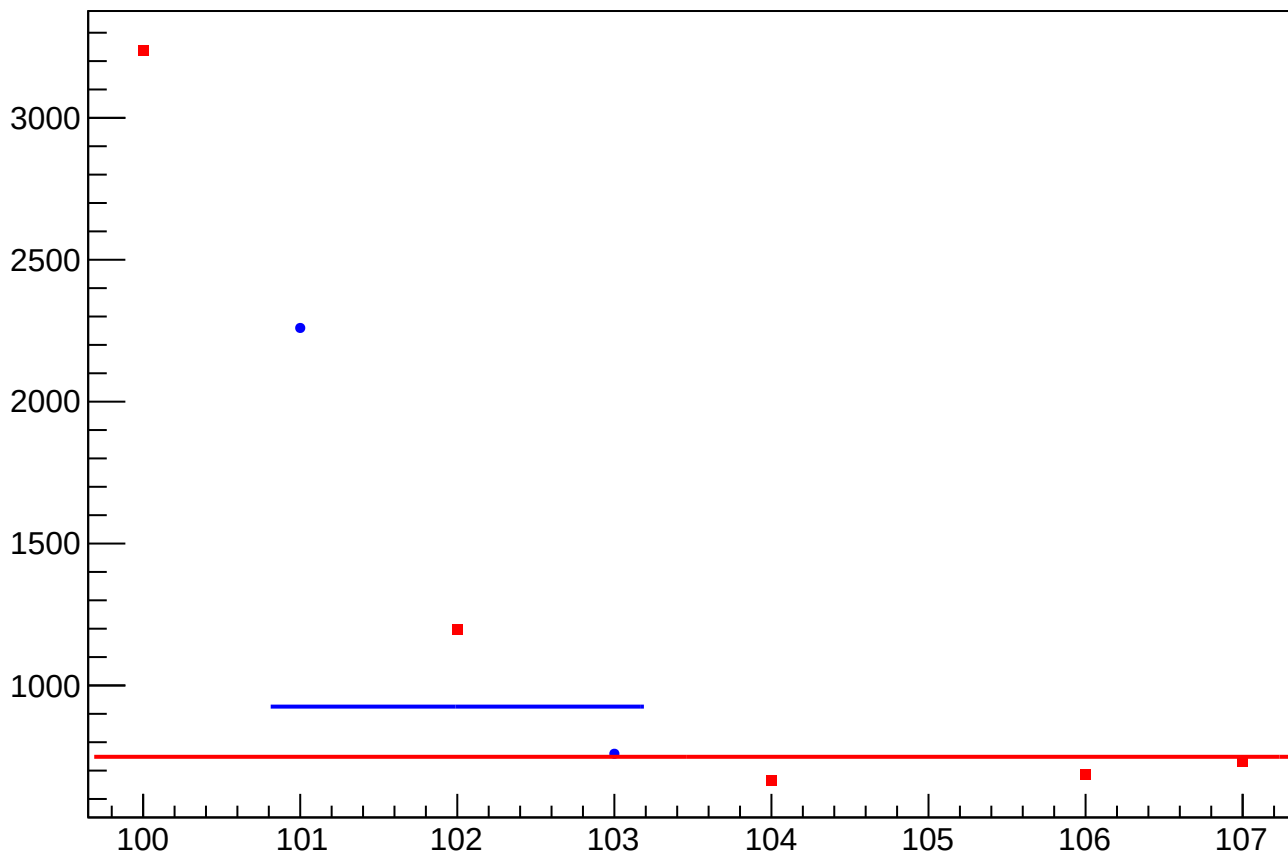
Right: 475.287+/-529.142 χ^2/NDF : 1.0/6

In: -73.532+/-928.788 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 475.287+/-529.142 χ^2/NDF : 1.0/6

asym_atr1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 925.458+/-0.657 χ^2/NDF : 513730.0/1

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

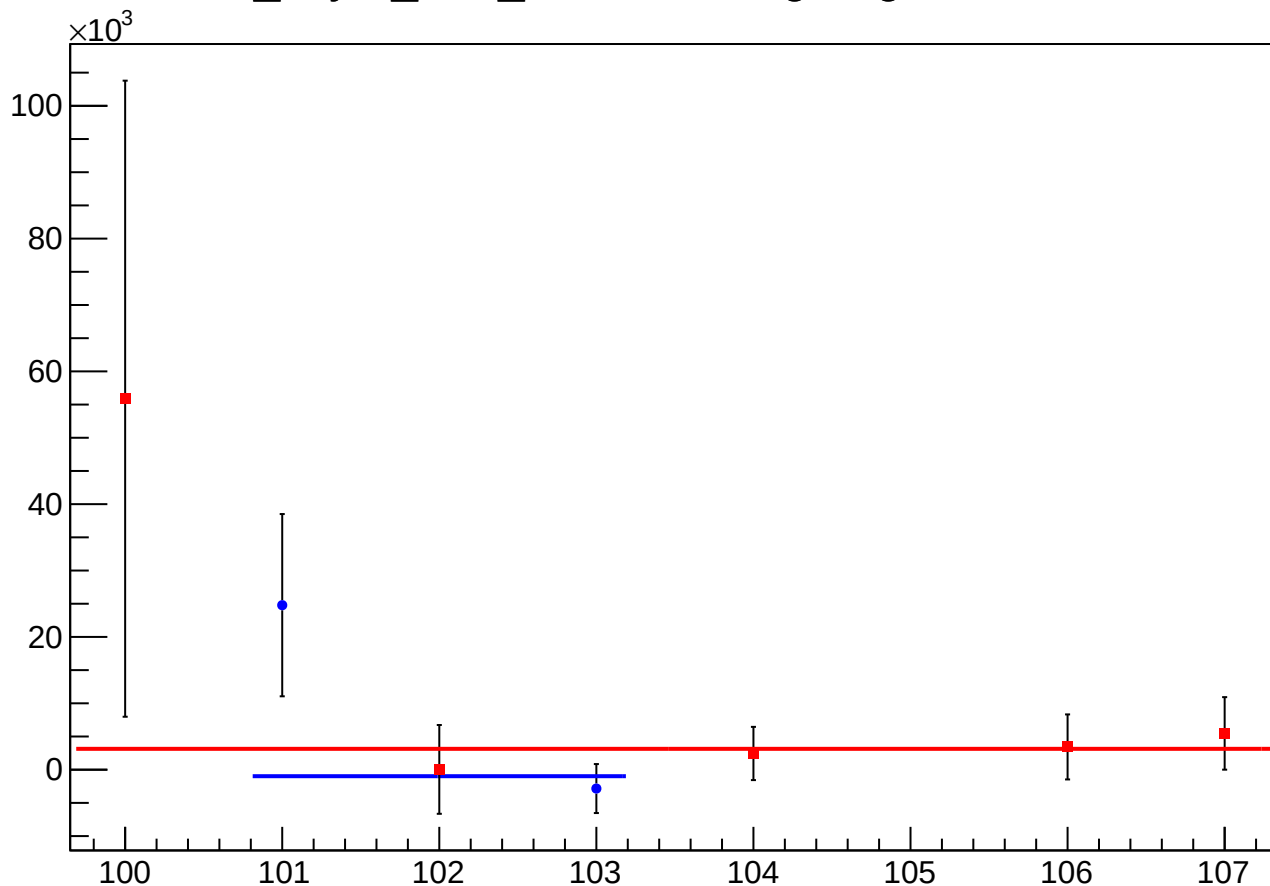
Right: 805.997+/-0.374 χ^2/NDF : 776394.3/6

In: 925.458+/-0.657 χ^2/NDF : 513730.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 805.997+/-0.374 χ^2/NDF : 776394.3/6

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: -979.291+/-3563.005 χ^2/NDF : 3.8/1

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

Right Out: 3143.073+/-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

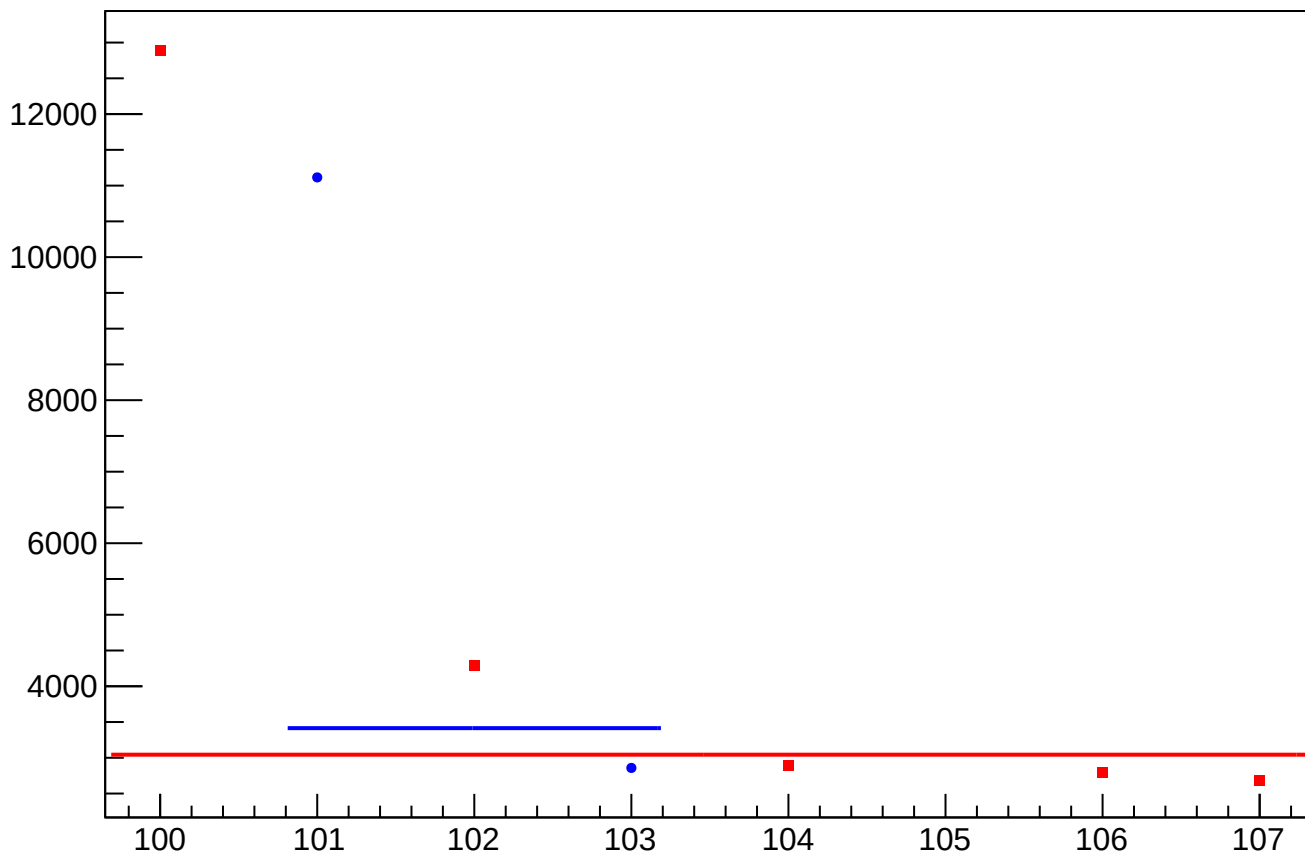
Right: 1784.250+/-2045.619 χ^2/NDF : 6.3/6

In: -979.291+/-3563.005 χ^2/NDF : 3.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1784.250+/-2045.619 χ^2/NDF : 6.3/6

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 3414.493+/-2.519 χ^2/NDF : 674762.0/1

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

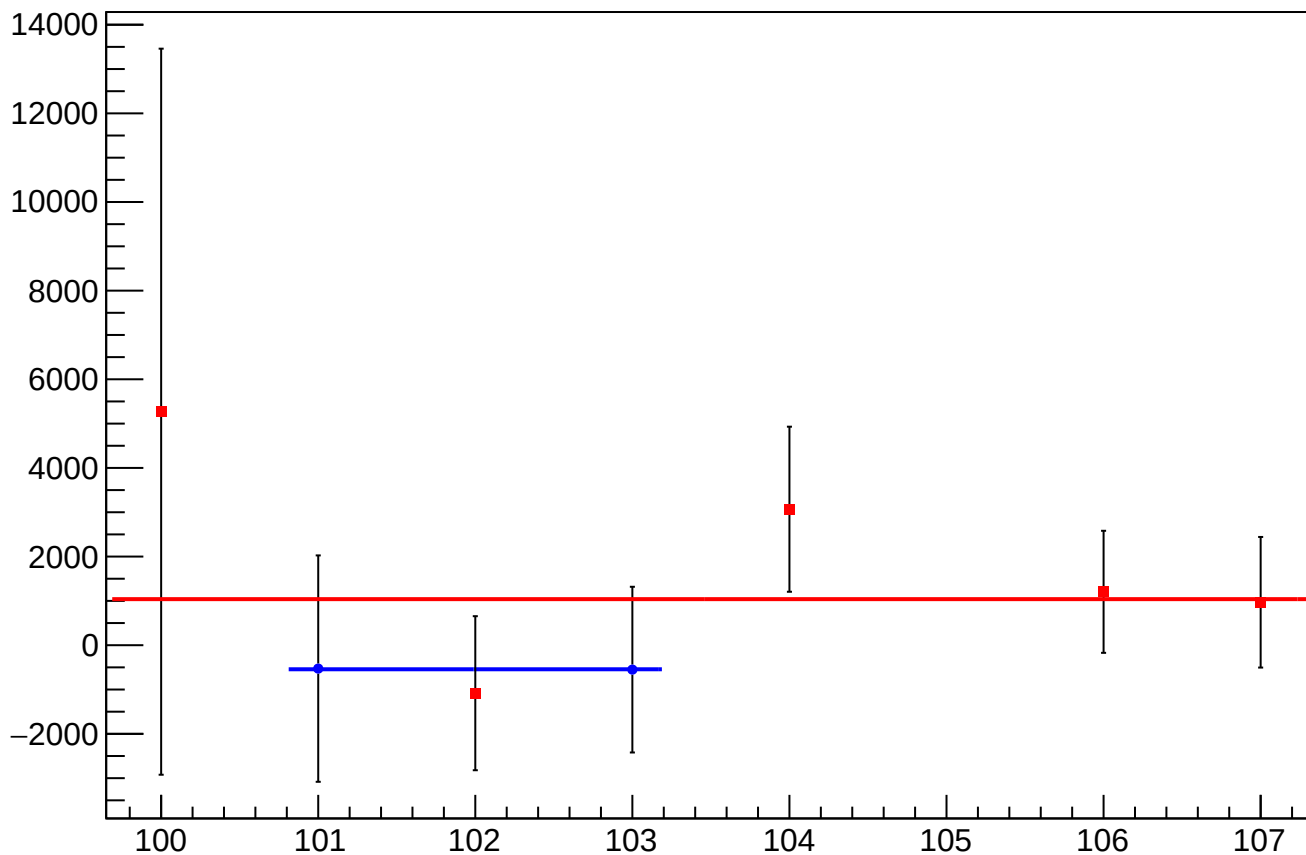
Right: 3165.722+/-1.446 χ^2/NDF : 861182.7/6

In: 3414.493+/-2.519 χ^2/NDF : 674762.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3165.722+/-1.446 χ^2/NDF : 861182.7/6

asym_atr1_dit_correction_mean vs Slug, Sign Corrected



Right In: -543.019+/-1508.528 χ^2/NDF : 0.0/1

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

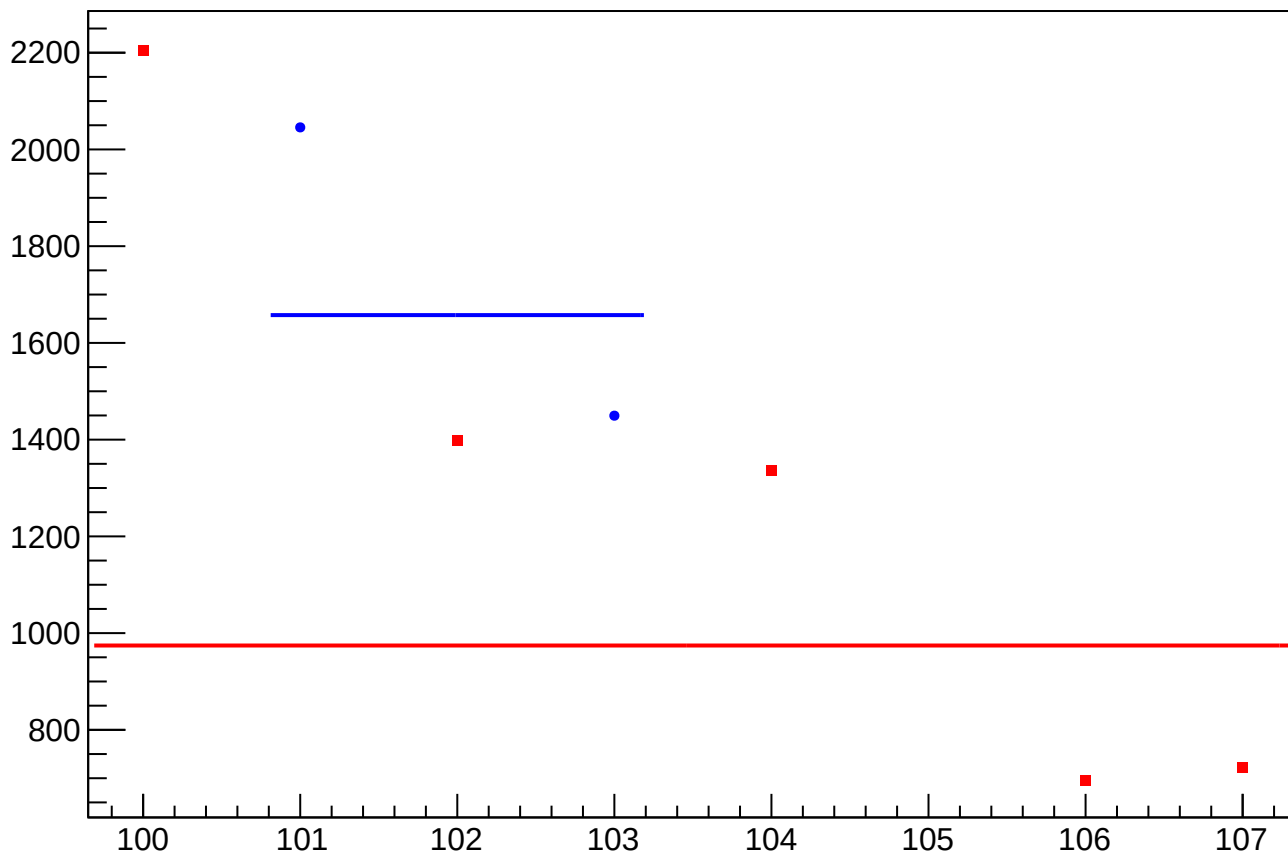
Right: 702.110+/-696.425 χ^2/NDF : 3.8/6

In: -543.019+/-1508.528 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 702.110+/-696.425 χ^2/NDF : 3.8/6

asym_atr1_dit_correction_rms vs Slug, Sign Corrected



Right In: 1657.503+/-1.067 χ^2/NDF : 70928.9/1

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

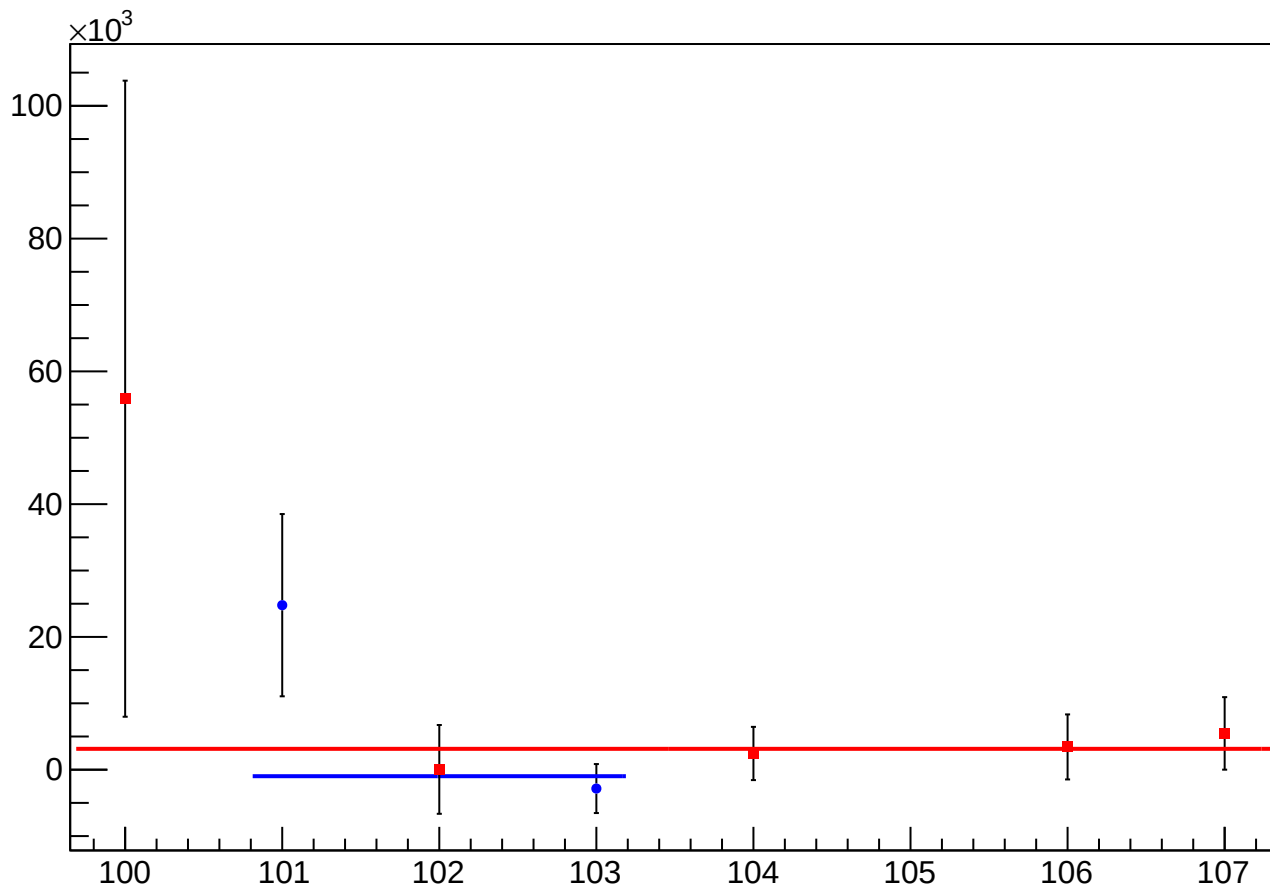
Right: 1119.977+/-0.492 χ^2/NDF : 773138.4/6

In: 1657.503+/-1.067 χ^2/NDF : 70928.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1119.977+/-0.492 χ^2/NDF : 773138.4/6

eigen_dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: -979.295+/-3563.003 χ^2/NDF : 3.8/1

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

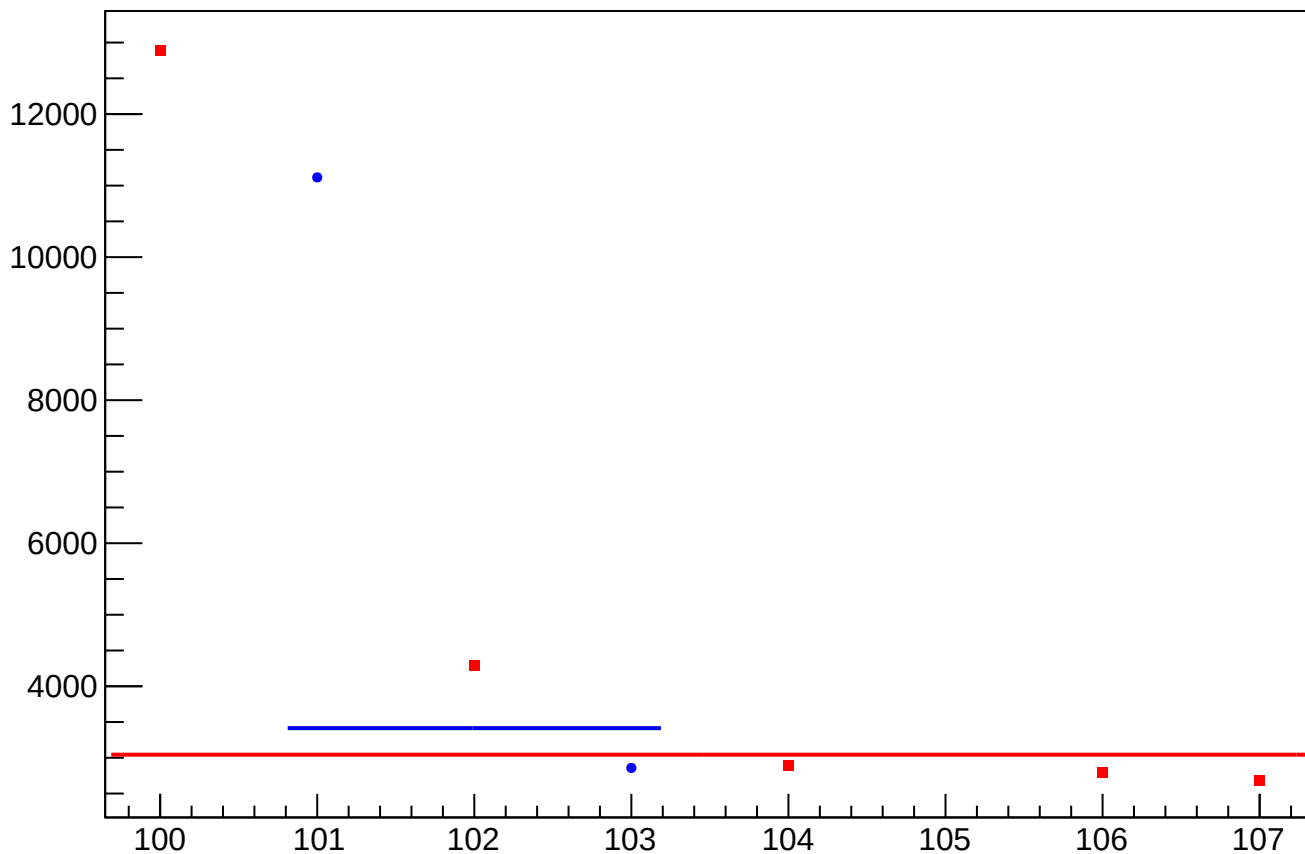
Right: 1784.240+/-2045.618 χ^2/NDF : 6.3/6

In: -979.295+/-3563.003 χ^2/NDF : 3.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1784.240+/-2045.618 χ^2/NDF : 6.3/6

eigen_dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 3414.491+/-2.519 χ^2/NDF : 674762.3/1

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

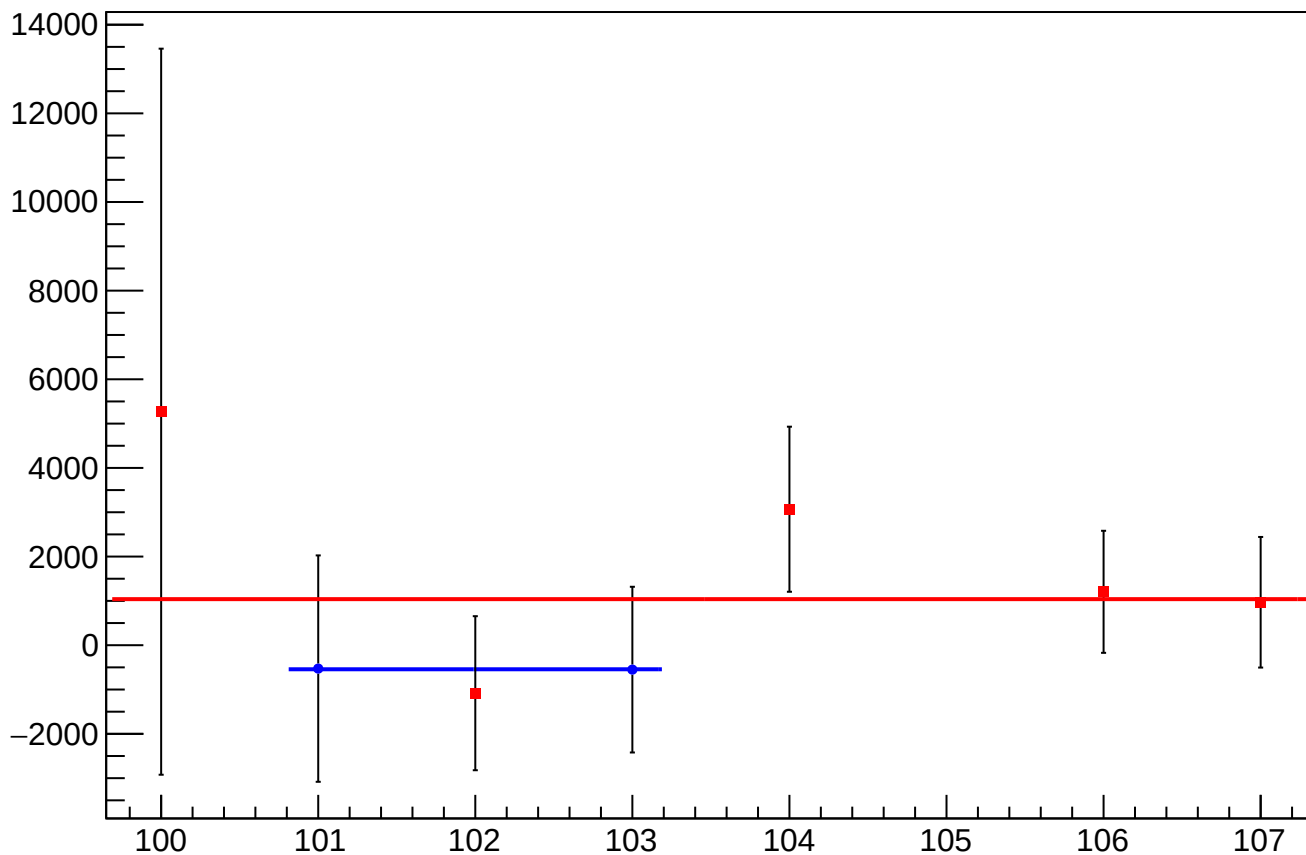
Right: 3165.721+/-1.446 χ^2/NDF : 861182.8/6

In: 3414.491+/-2.519 χ^2/NDF : 674762.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3165.721+/-1.446 χ^2/NDF : 861182.8/6

asym_atr1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -543.018+/-1508.523 χ^2/NDF : 0.0/1

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

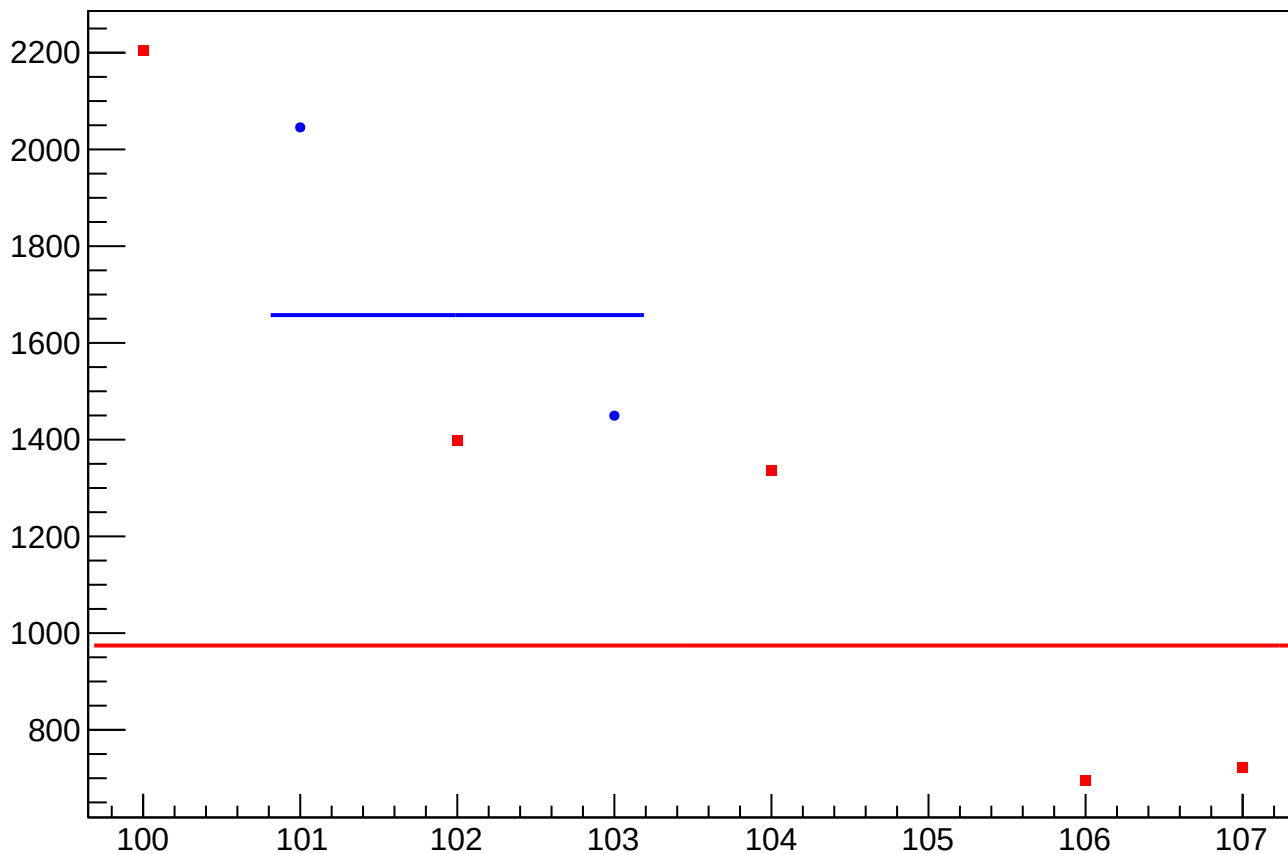
Right: 702.106+/-696.424 χ^2/NDF : 3.8/6

In: -543.018+/-1508.523 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 702.106+/-696.424 χ^2/NDF : 3.8/6

asym_atr1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1657.498+/-1.067 χ^2/NDF : 70929.5/1

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

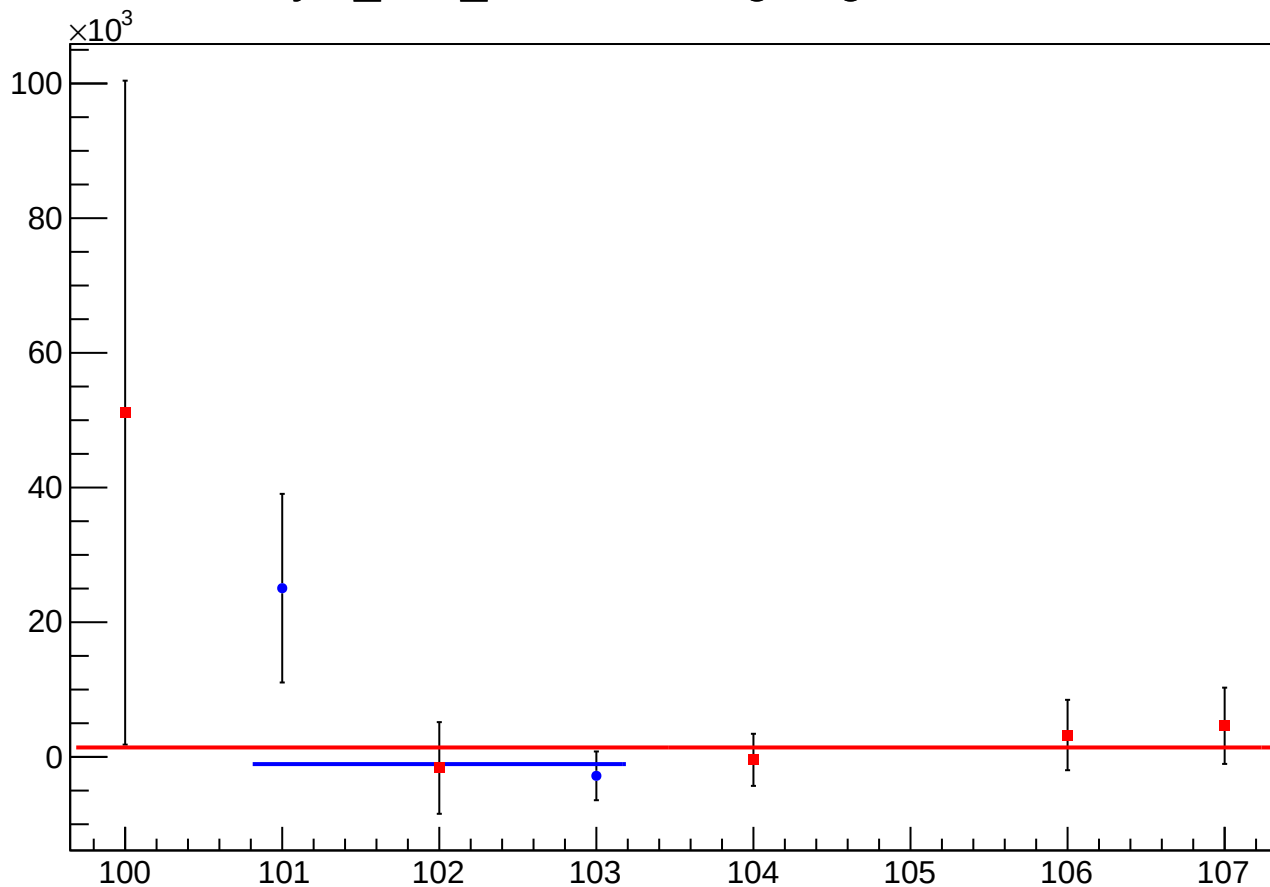
Right: 1119.976+/-0.492 χ^2/NDF : 773132.8/6

In: 1657.498+/-1.067 χ^2/NDF : 70929.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1119.976+/-0.492 χ^2/NDF : 773132.8/6

asym_atr1_mean vs Slug, Sign Corrected



Right In: -1066.712 ± 3504.257 χ^2/NDF : 3.7/1

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

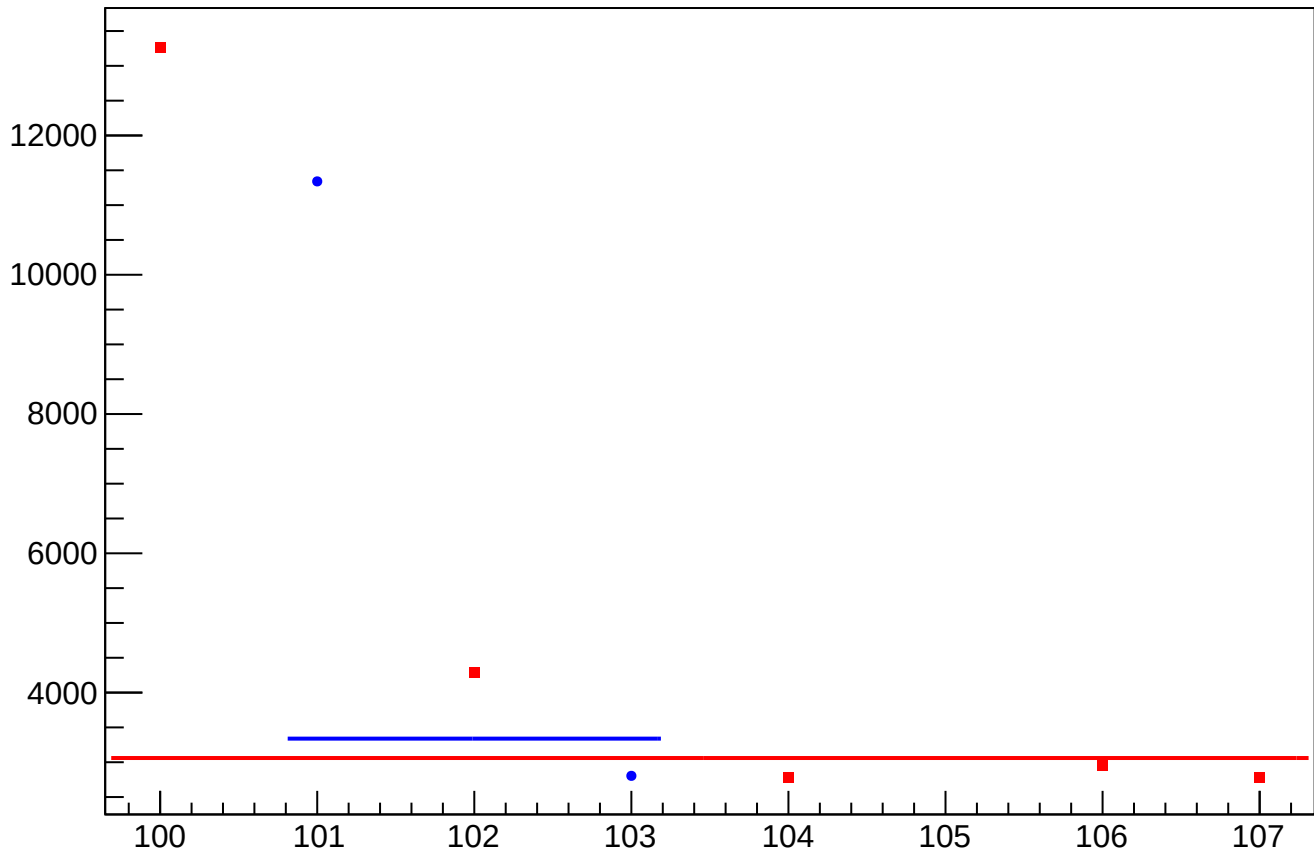
Right: 557.882 ± 2049.353 χ^2/NDF : 5.9/6

In: -1066.712 ± 3504.257 χ^2/NDF : 3.7/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 557.882 ± 2049.353 χ^2/NDF : 5.9/6

asym_atr1_rms vs Slug, Sign Corrected



Right In: 3338.837+/-2.478 χ^2/NDF : 696480.8/1

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

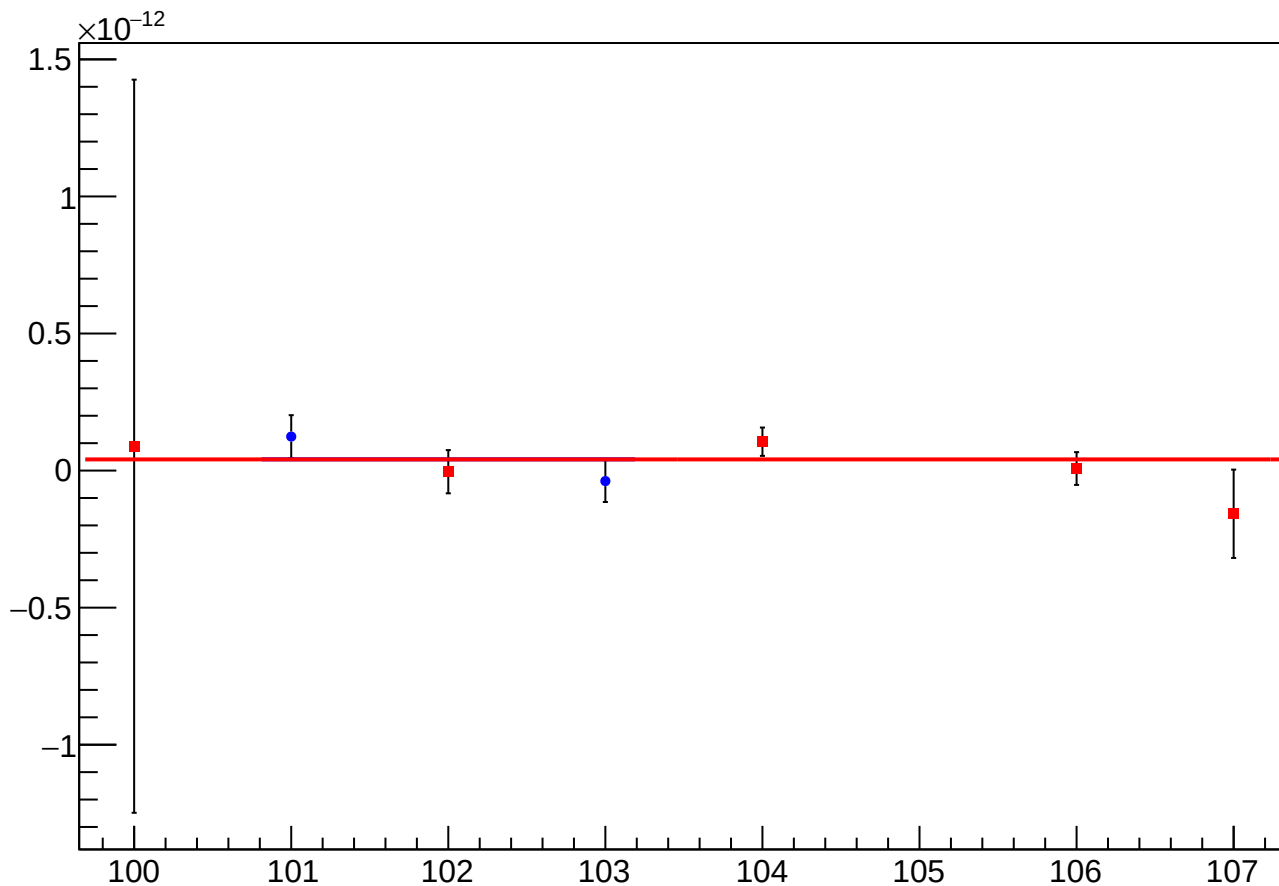
Right: 3155.674+/-1.449 χ^2/NDF : 871962.7/6

In: 3338.837+/-2.478 χ^2/NDF : 696480.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3155.674+/-1.449 χ^2/NDF : 871962.7/6

asym_atr1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.2/1

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

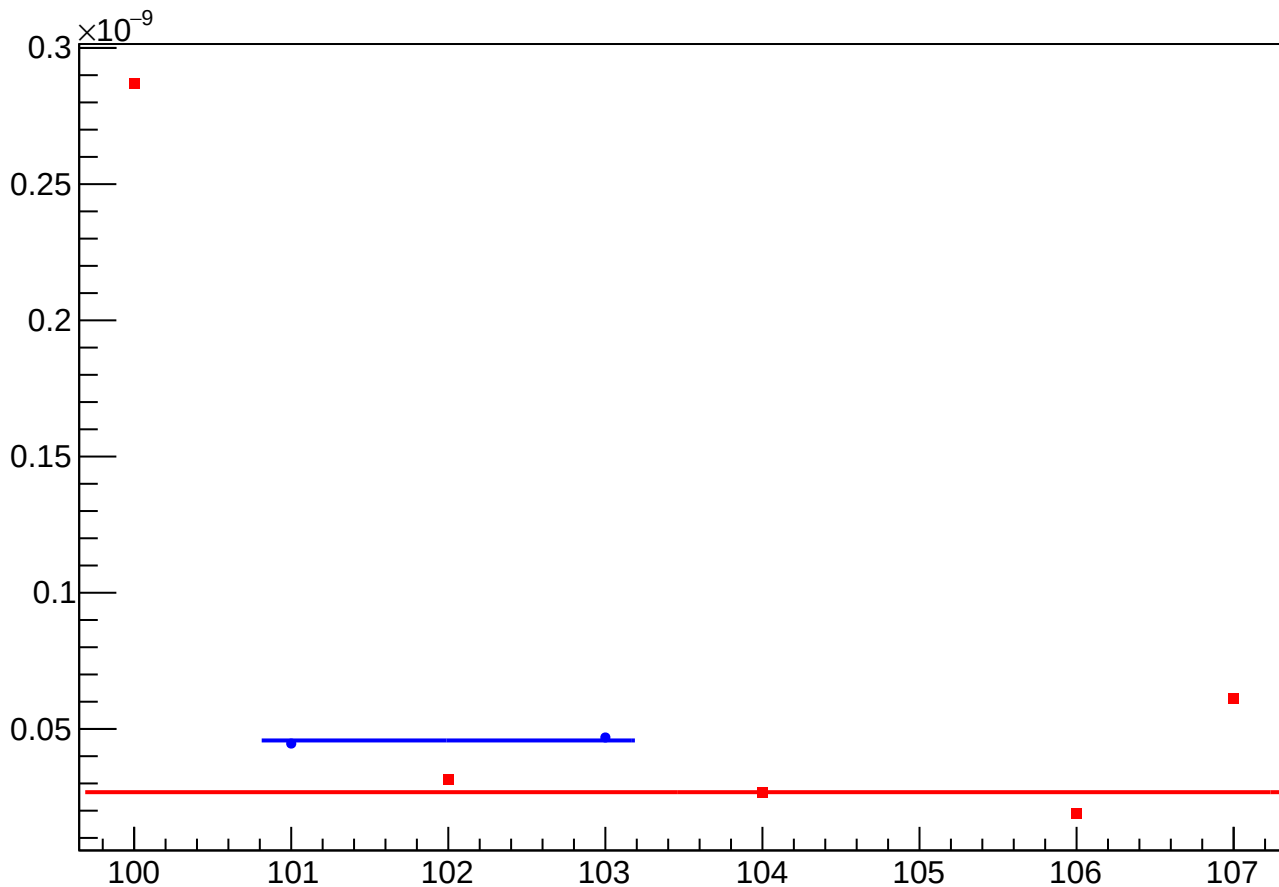
Right: 0.000+/-0.000 χ^2/NDF : 5.9/6

In: 0.000+/-0.000 χ^2/NDF : 2.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5.9/6

asym_atr1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 833.6/1

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

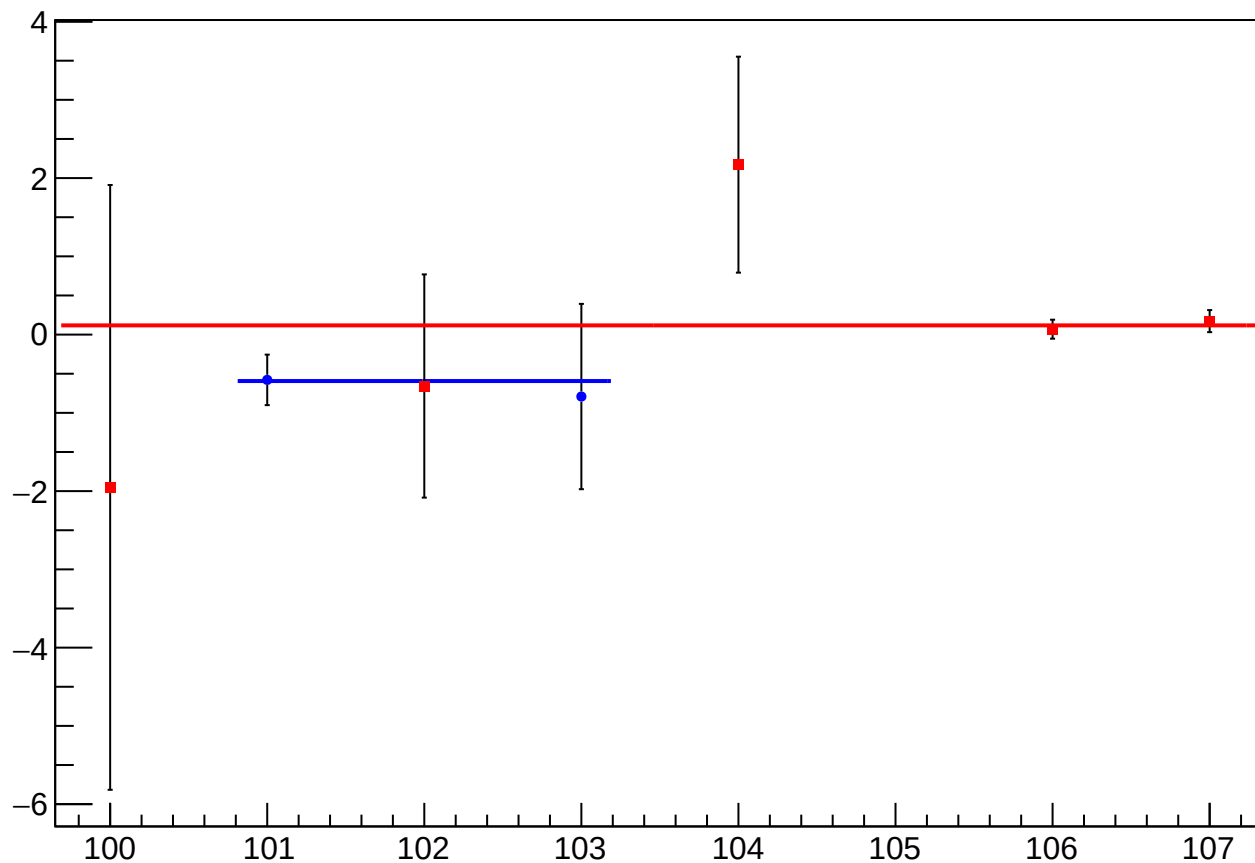
Right: 0.000+/-0.000 χ^2/NDF : 382901.2/6

In: 0.000+/-0.000 χ^2/NDF : 833.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 382901.2/6

asym_atr1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.593+/-0.311 χ^2/NDF : 0.0/1

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

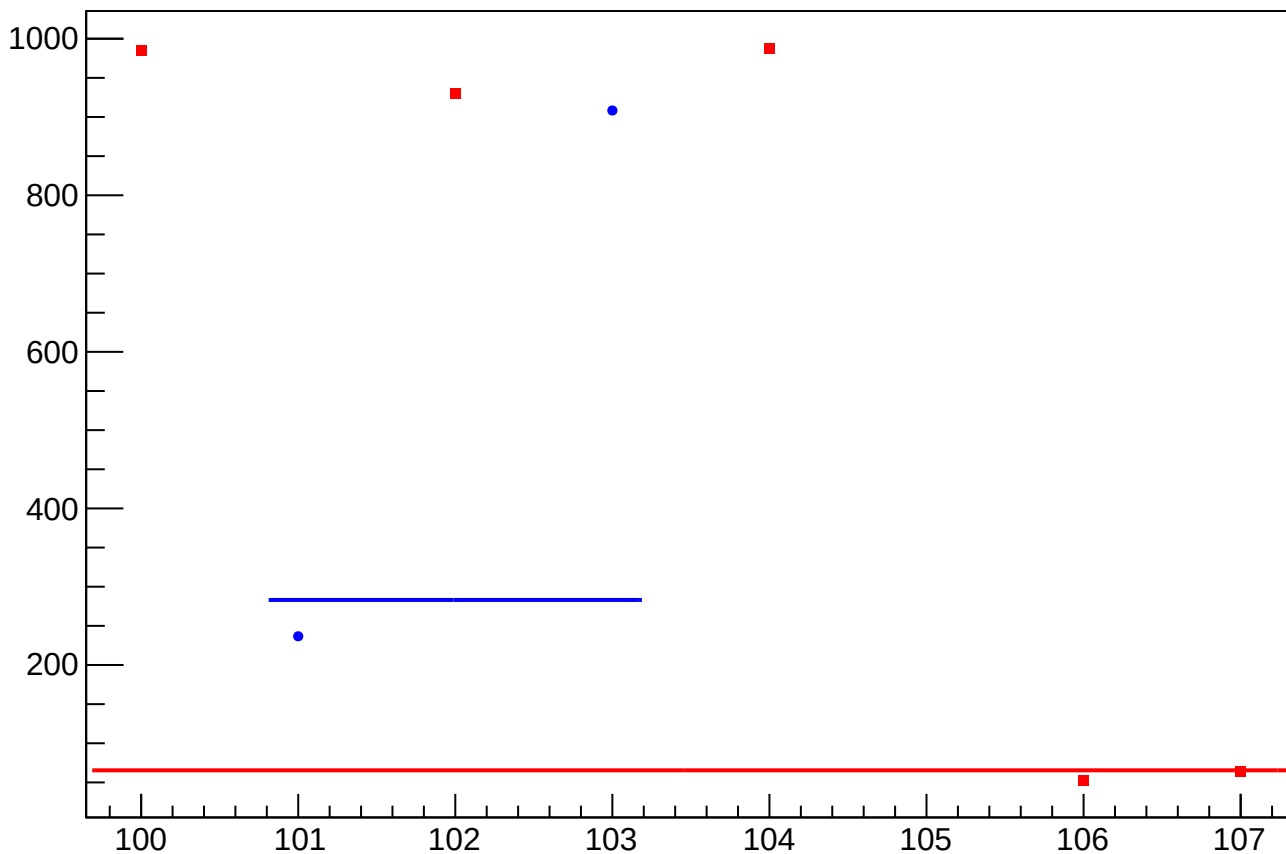
Right: 0.061+/-0.088 χ^2/NDF : 7.9/6

In: -0.593+/-0.311 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.061+/-0.088 χ^2/NDF : 7.9/6

asym_atr1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 283.098+/-0.220 χ^2/NDF : 599025.4/1

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

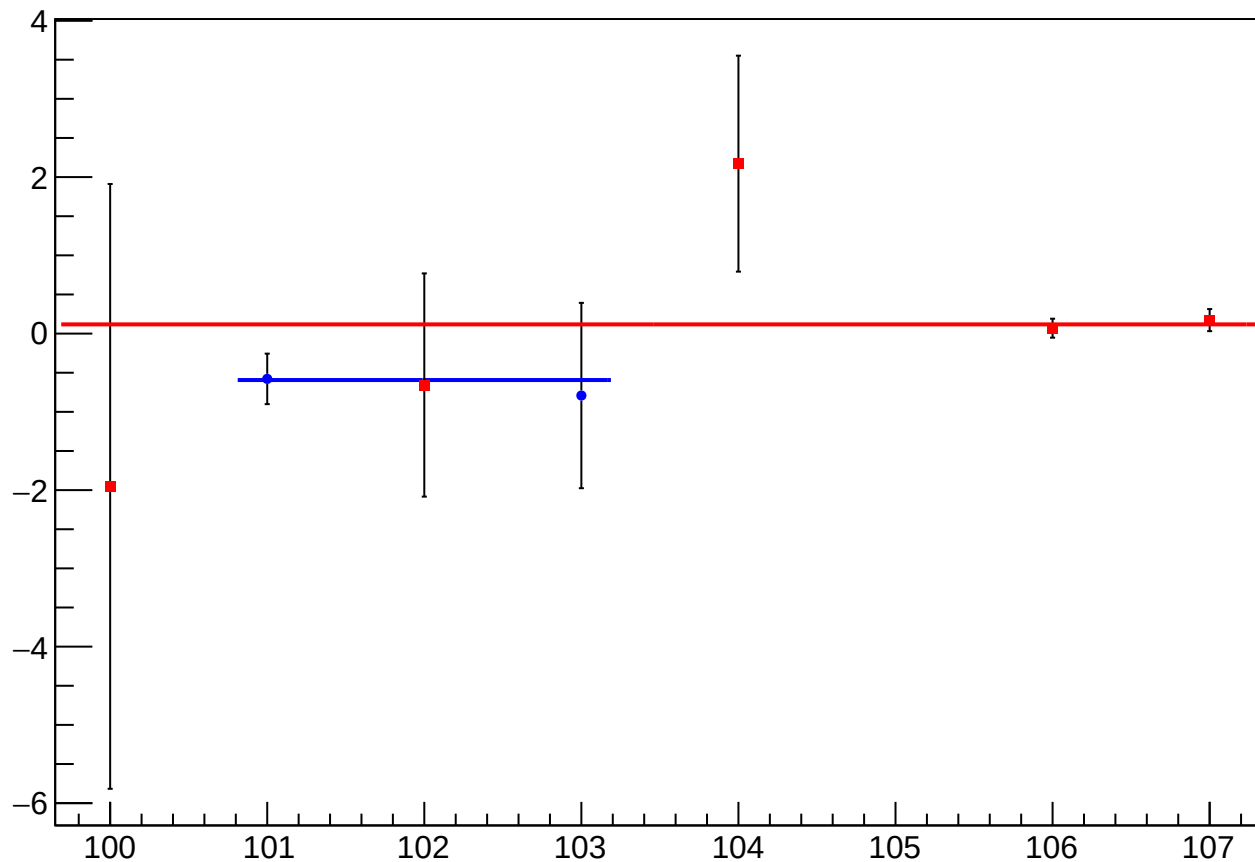
Right: 82.778+/-0.062 χ^2/NDF : 3263487.4/6

In: 283.098+/-0.220 χ^2/NDF : 599025.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.778+/-0.062 χ^2/NDF : 3263487.4/6

asym_atr1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.593+/-0.311 χ^2/NDF : 0.0/1

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

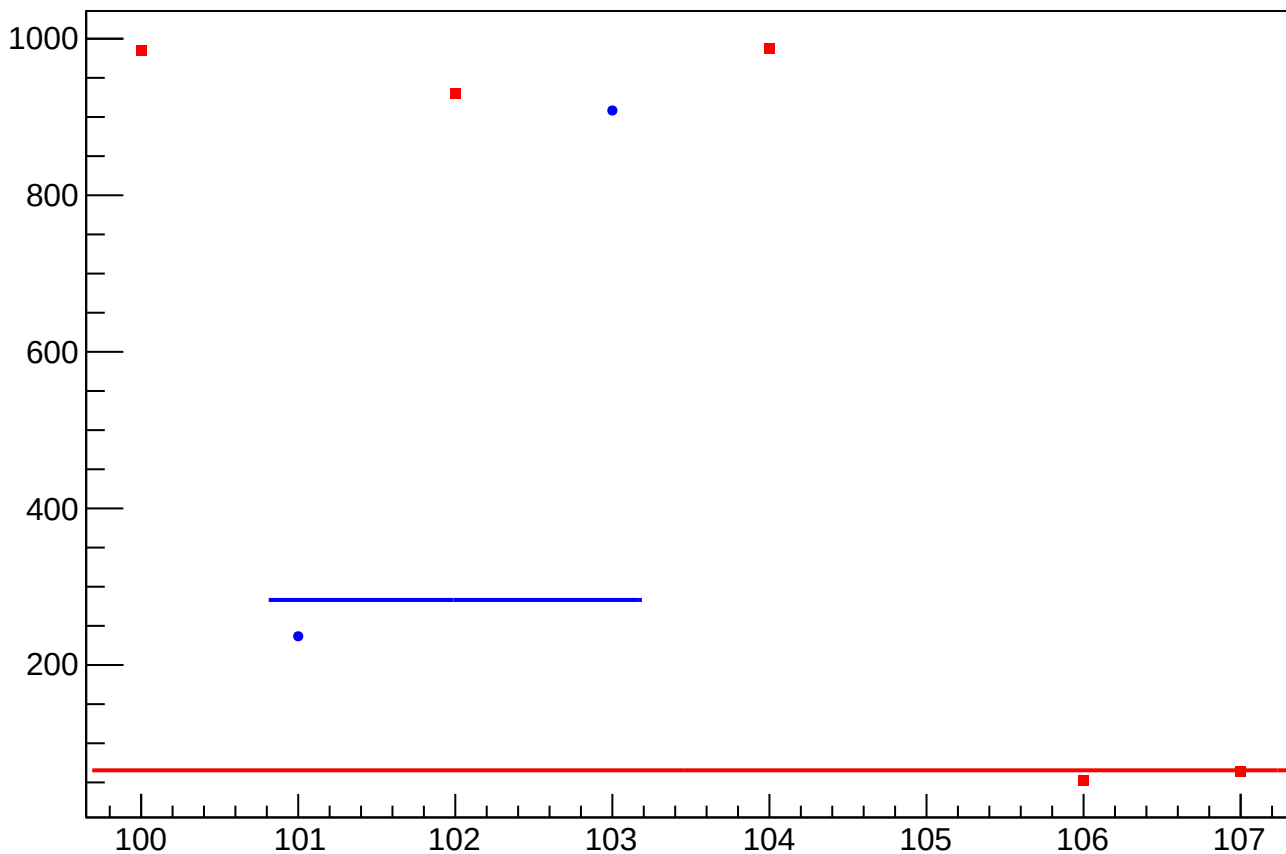
Right: 0.061+/-0.088 χ^2/NDF : 7.9/6

In: -0.593+/-0.311 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.061+/-0.088 χ^2/NDF : 7.9/6

asym_atr1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 283.098+/-0.220 χ^2/NDF : 599025.4/1

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

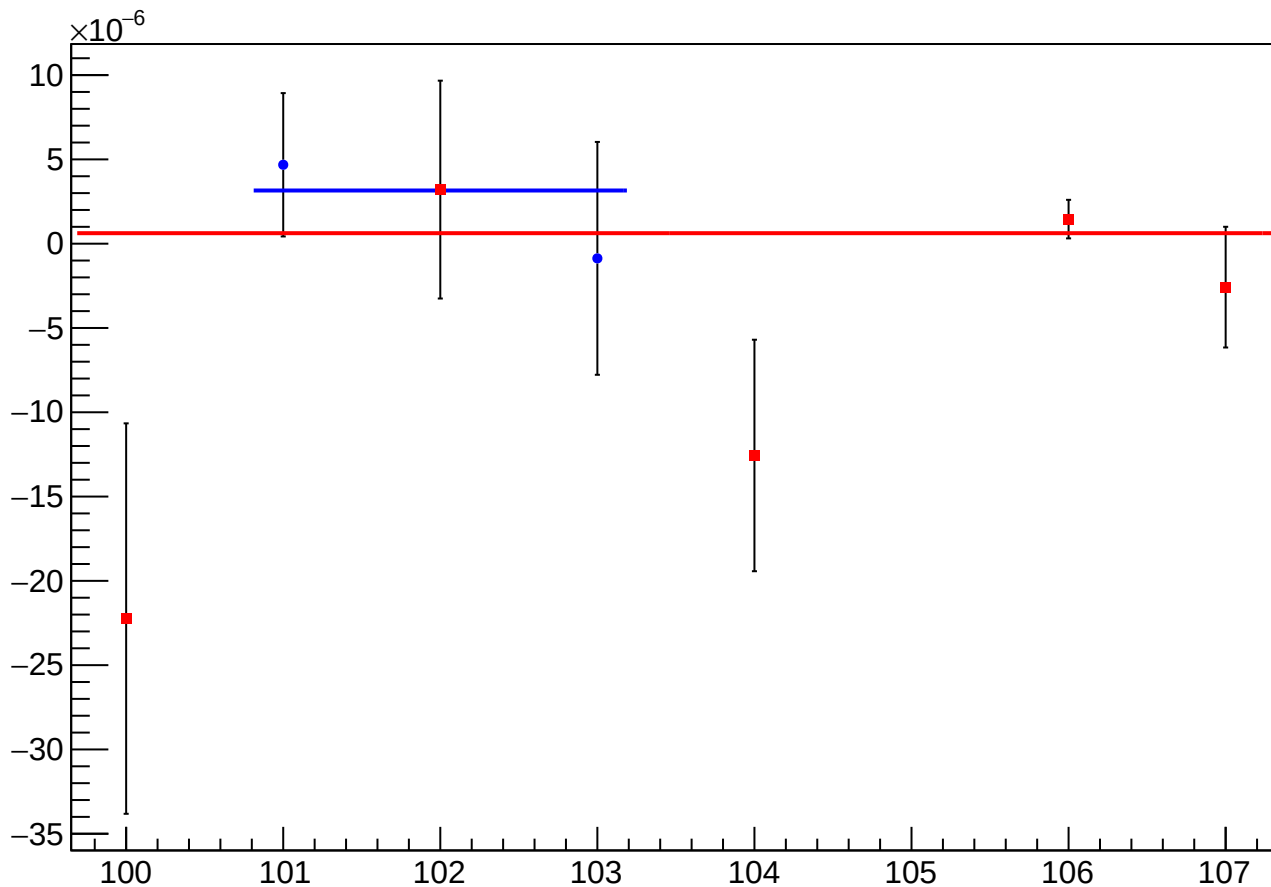
Right: 82.778+/-0.062 χ^2/NDF : 3263487.4/6

In: 283.098+/-0.220 χ^2/NDF : 599025.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.778+/-0.062 χ^2/NDF : 3263487.4/6

asym_atr1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.5/1

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

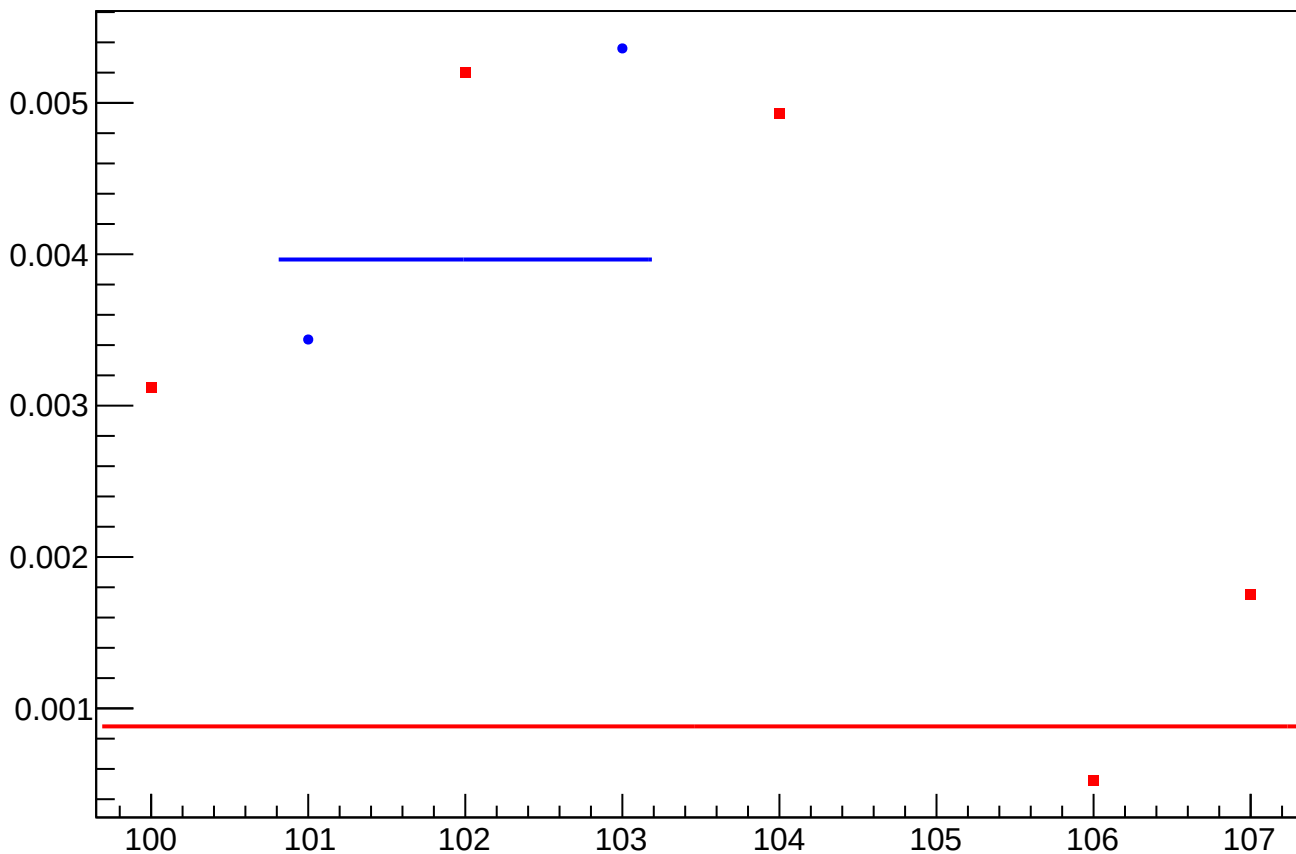
Right: 0.000+/-0.000 χ^2/NDF : 10.0/6

In: 0.000+/-0.000 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.0/6

asym_atr1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 112453.9/1

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

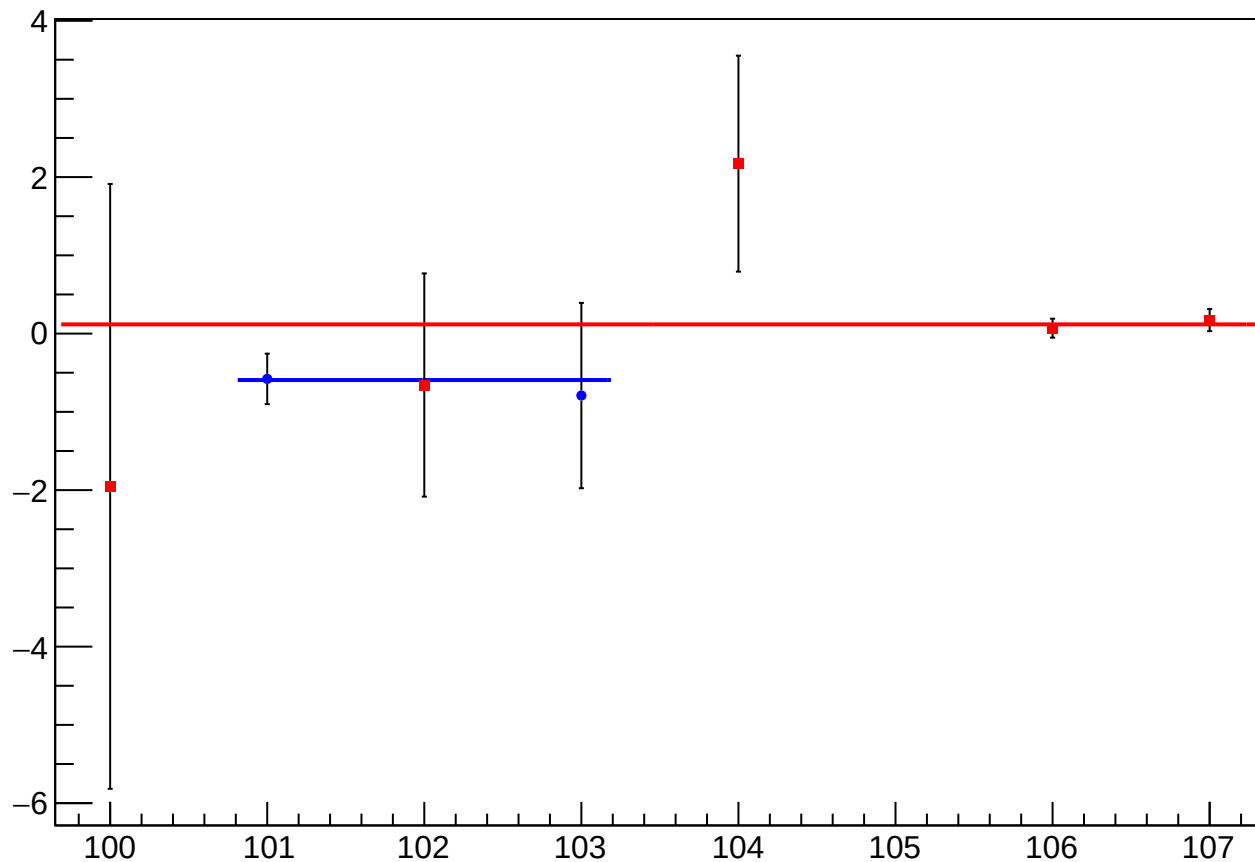
Right: 0.001+/-0.000 χ^2/NDF : 3429150.1/6

In: 0.004+/-0.000 χ^2/NDF : 112453.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3429150.1/6

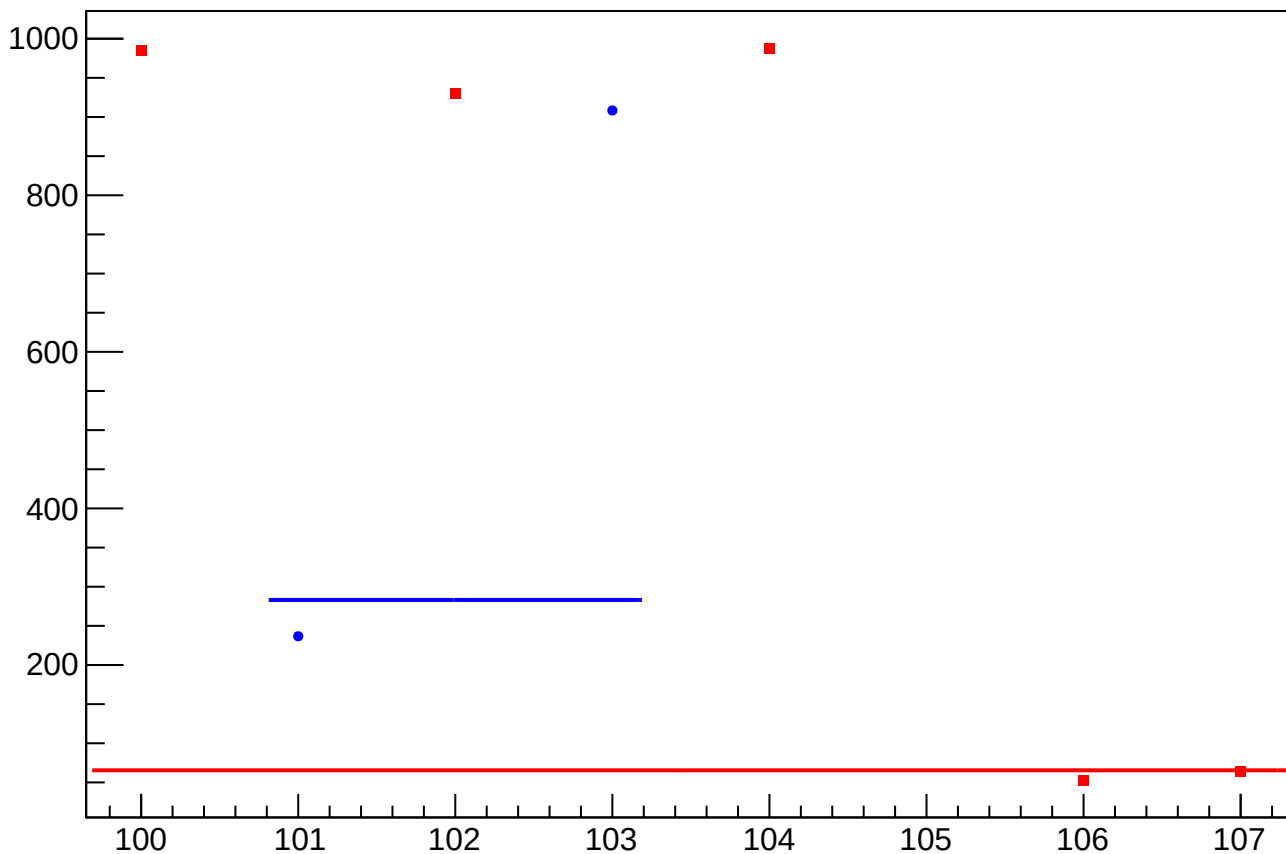
asym_atr1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.593+/-0.311 χ^2/NDF : 0.0/1
 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: 0.061+/-0.088 χ^2/NDF : 7.9/6
 In: -0.593+/-0.311 χ^2/NDF : 0.0/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.061+/-0.088 χ^2/NDF : 7.9/6

asym_atr1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 283.099+/-0.220 χ^2/NDF : 599020.4/1

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

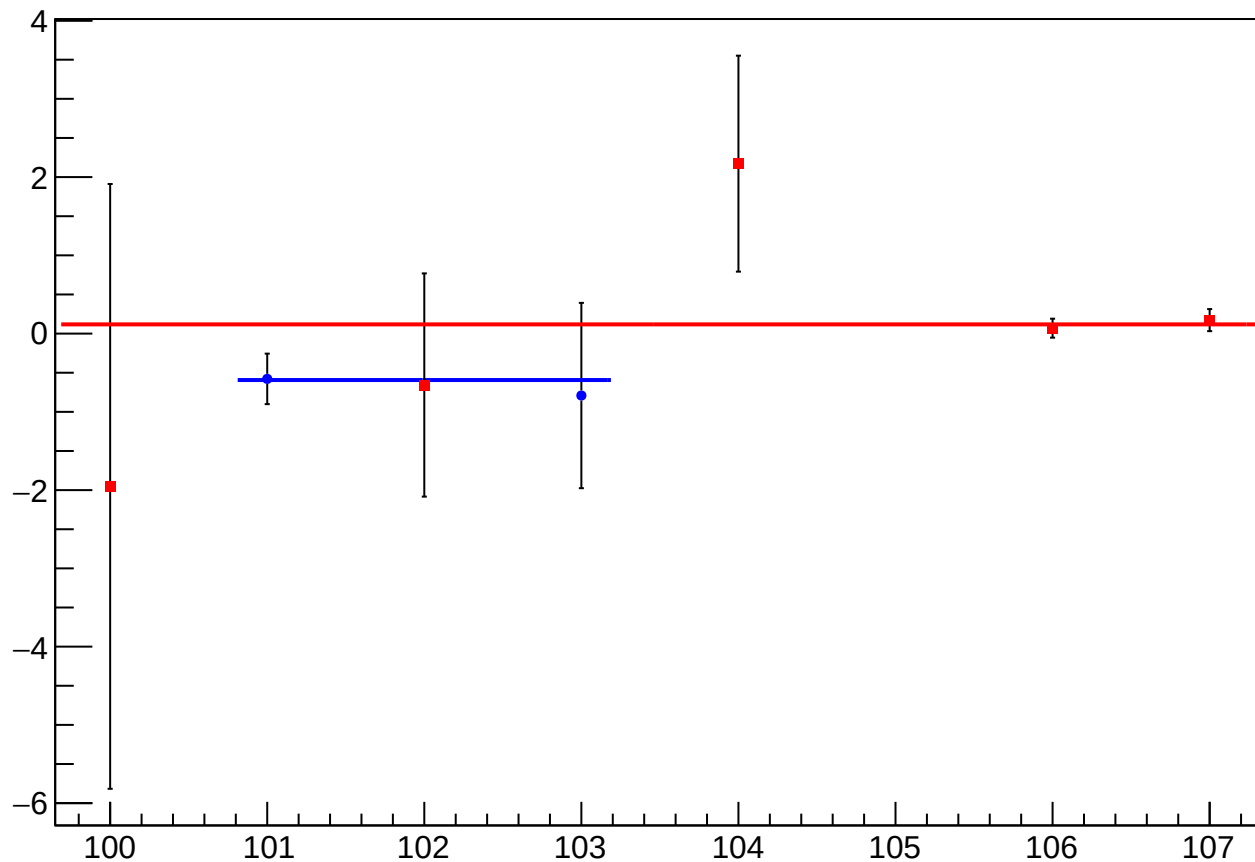
Right: 82.778+/-0.062 χ^2/NDF : 3263490.0/6

In: 283.099+/-0.220 χ^2/NDF : 599020.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.778+/-0.062 χ^2/NDF : 3263490.0/6

asym_atr1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.593+/-0.311 χ^2/NDF : 0.0/1

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

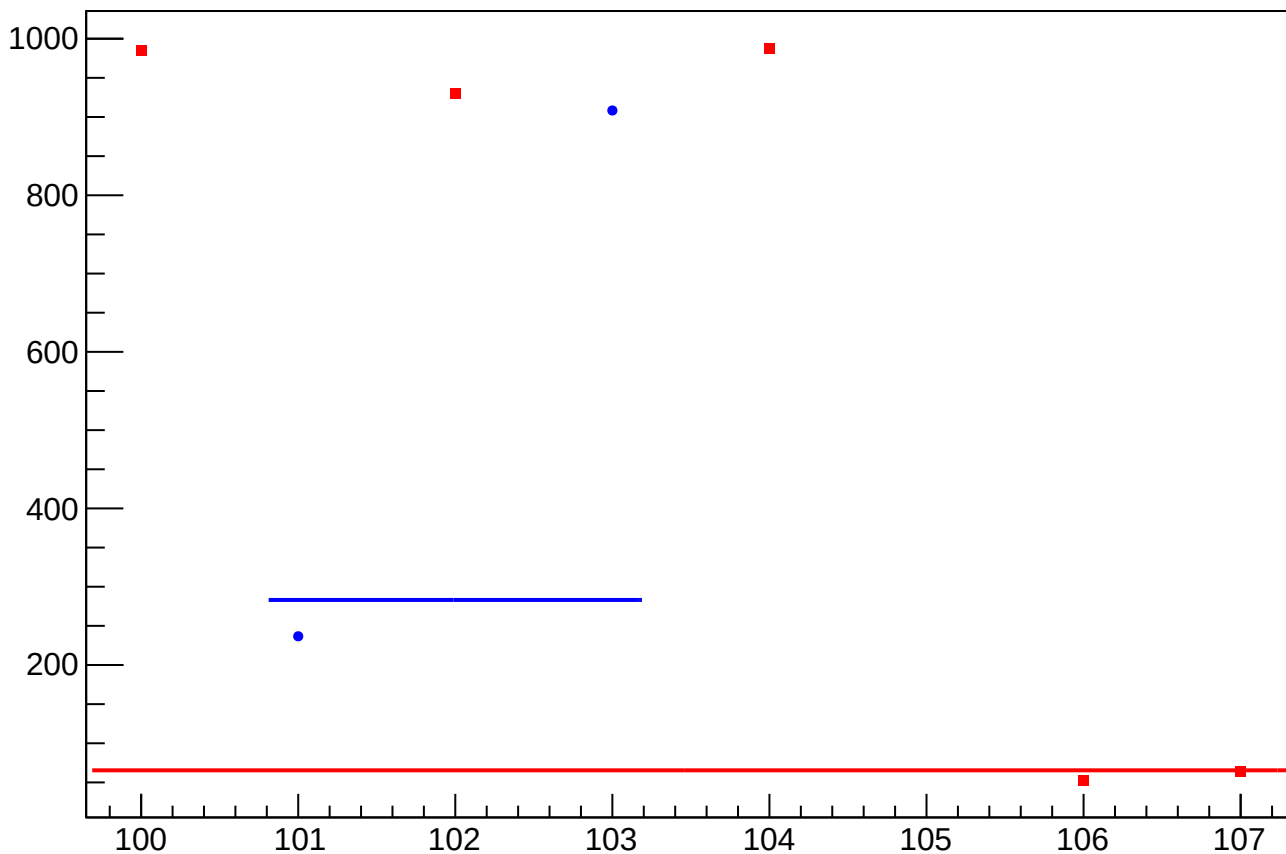
Right: 0.061+/-0.088 χ^2/NDF : 7.9/6

In: -0.593+/-0.311 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.061+/-0.088 χ^2/NDF : 7.9/6

asym_atr1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 283.099+/-0.220 χ^2/NDF : 599020.4/1

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

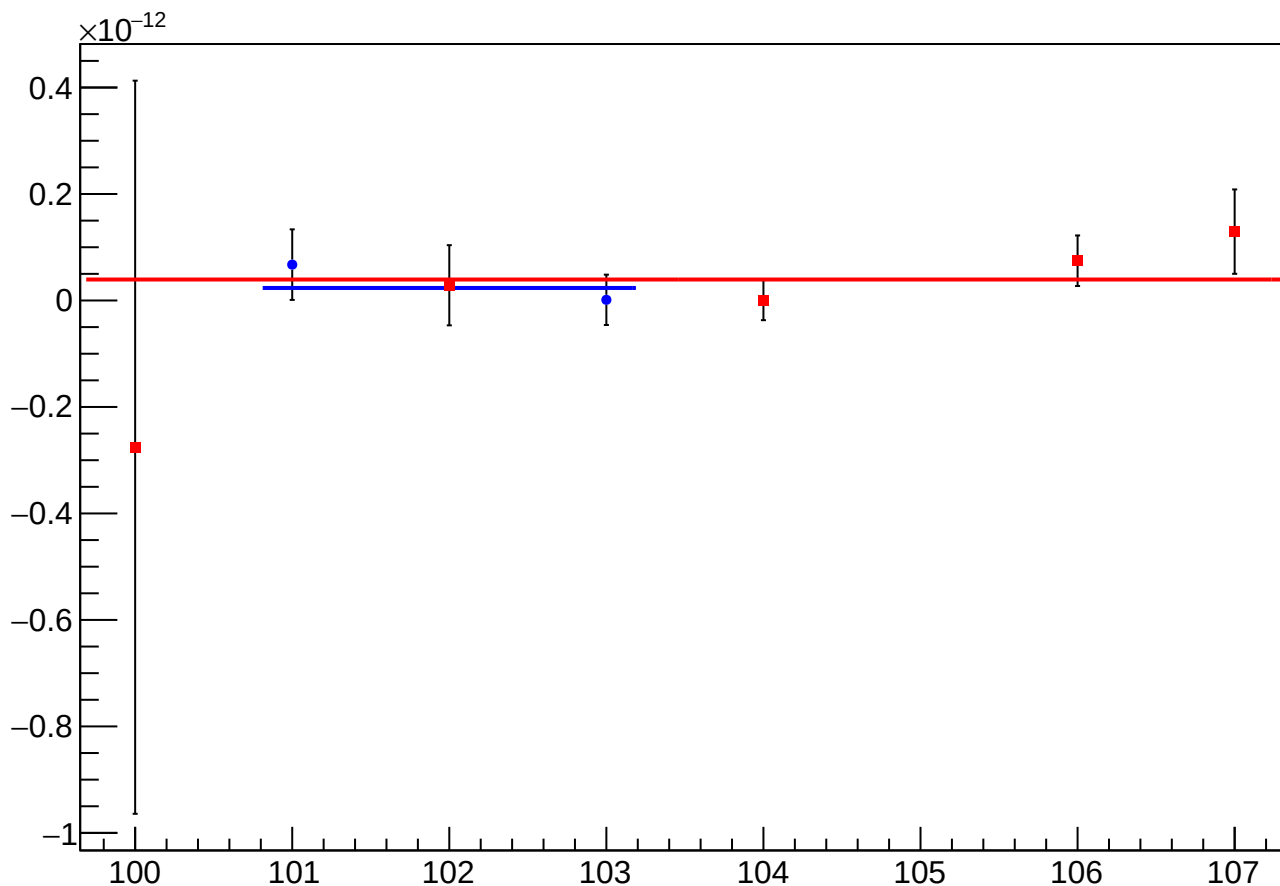
Right: 82.778+/-0.062 χ^2/NDF : 3263490.0/6

In: 283.099+/-0.220 χ^2/NDF : 599020.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.778+/-0.062 χ^2/NDF : 3263490.0/6

asym_atr1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.7/1

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

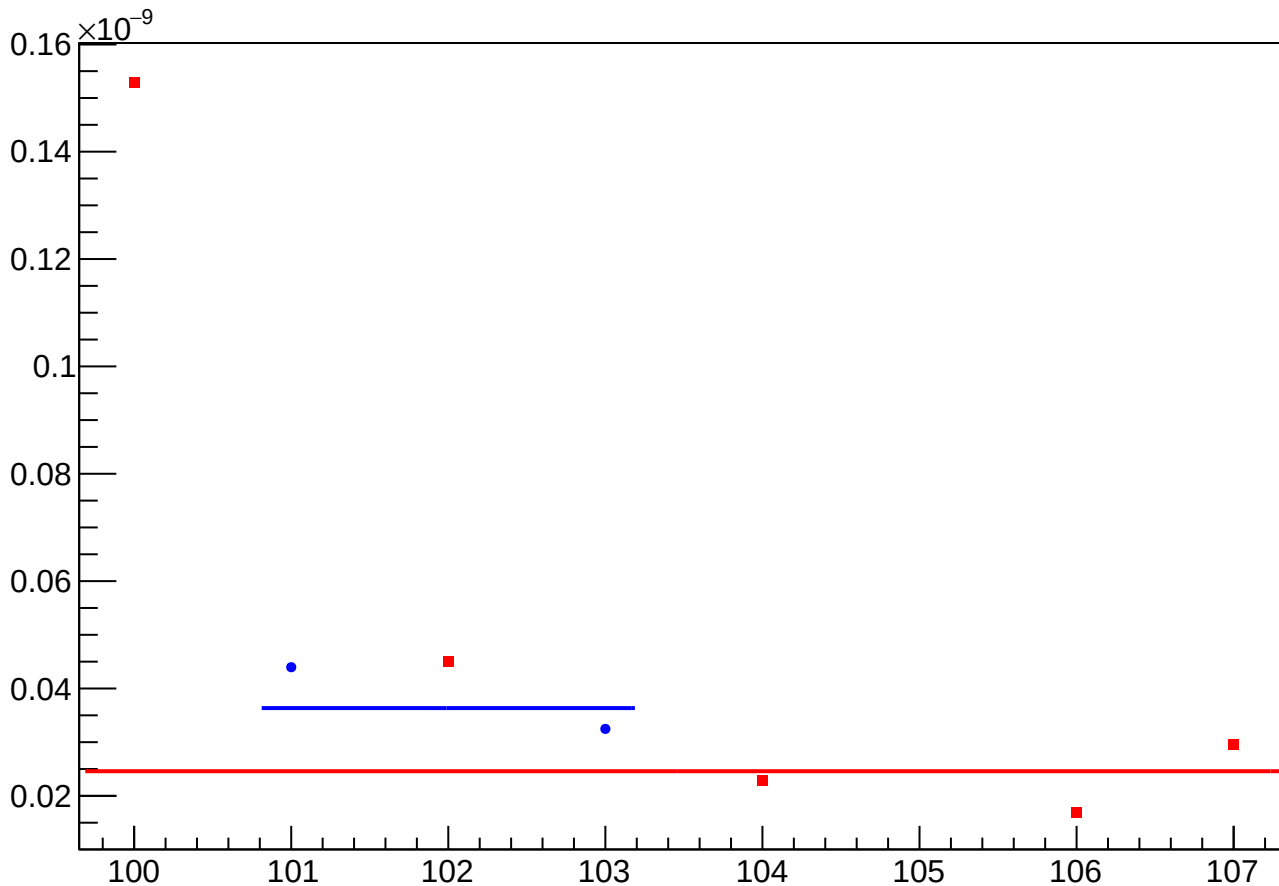
Right: 0.000+/-0.000 χ^2/NDF : 3.9/6

In: 0.000+/-0.000 χ^2/NDF : 0.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.9/6

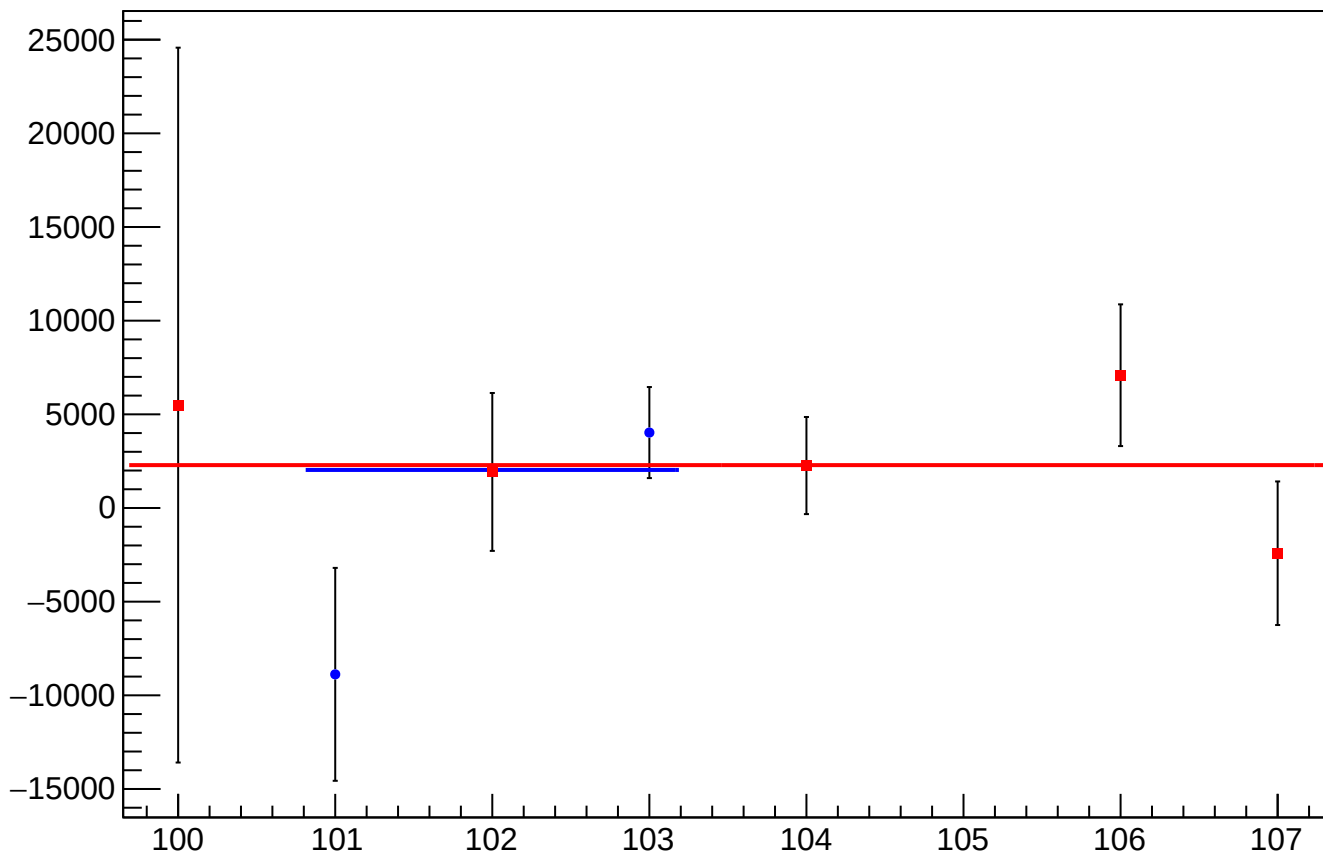
asym_atr1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 39873.6/1
 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 : 449376.8/6
 In: 0.000+/-0.000 χ^2/NDF : 39873.6/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 449376.8/6

reg_asym_atr2_mean vs Slug, Sign Corrected



Right In: 2031.175+/-2234.570 χ^2/NDF : 4.4/1

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

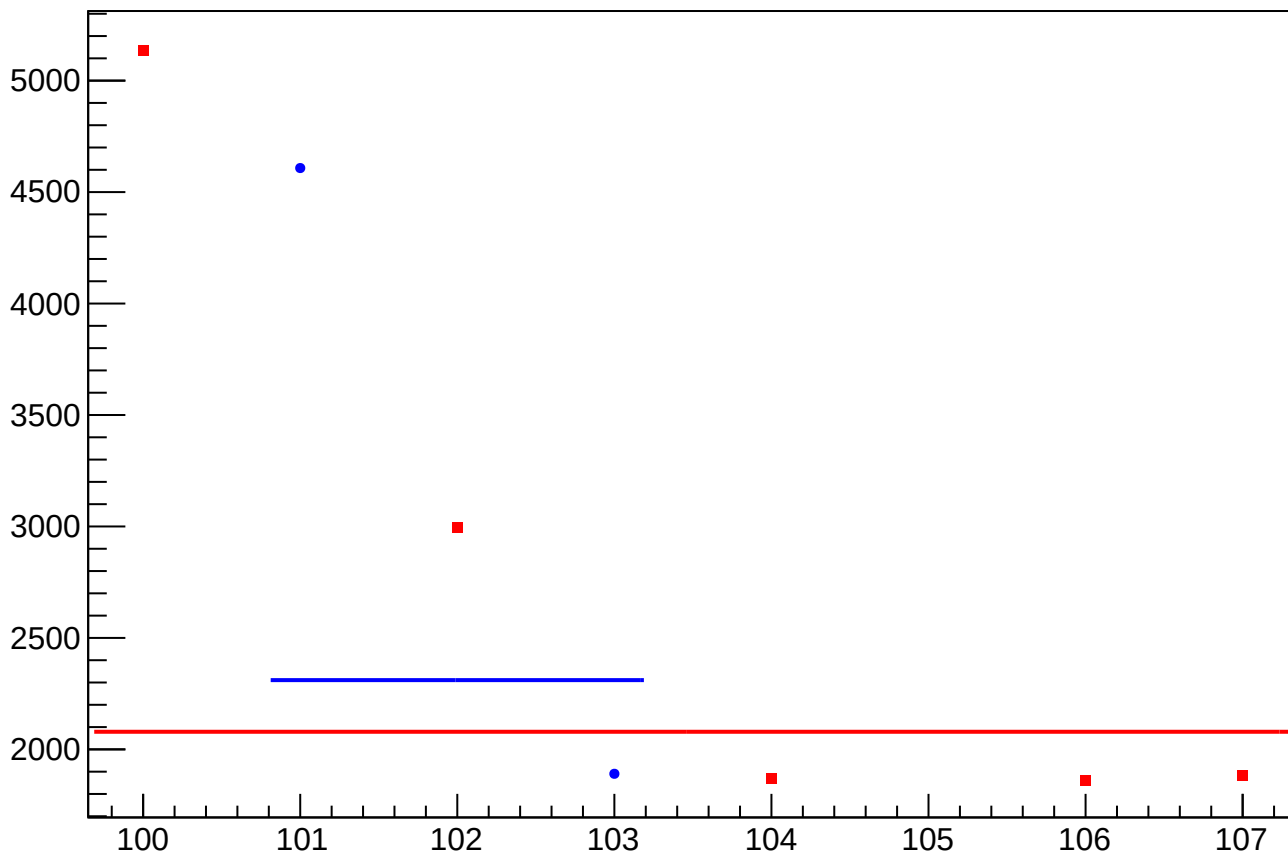
Right: 2194.475+/-1353.210 χ^2/NDF : 7.5/6

In: 2031.175+/-2234.570 χ^2/NDF :4.4/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2194.475+/-1353.210 χ^2/NDF : 7.5/6

reg_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2310.677+/-1.580 χ^2/NDF : 386594.7/1

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

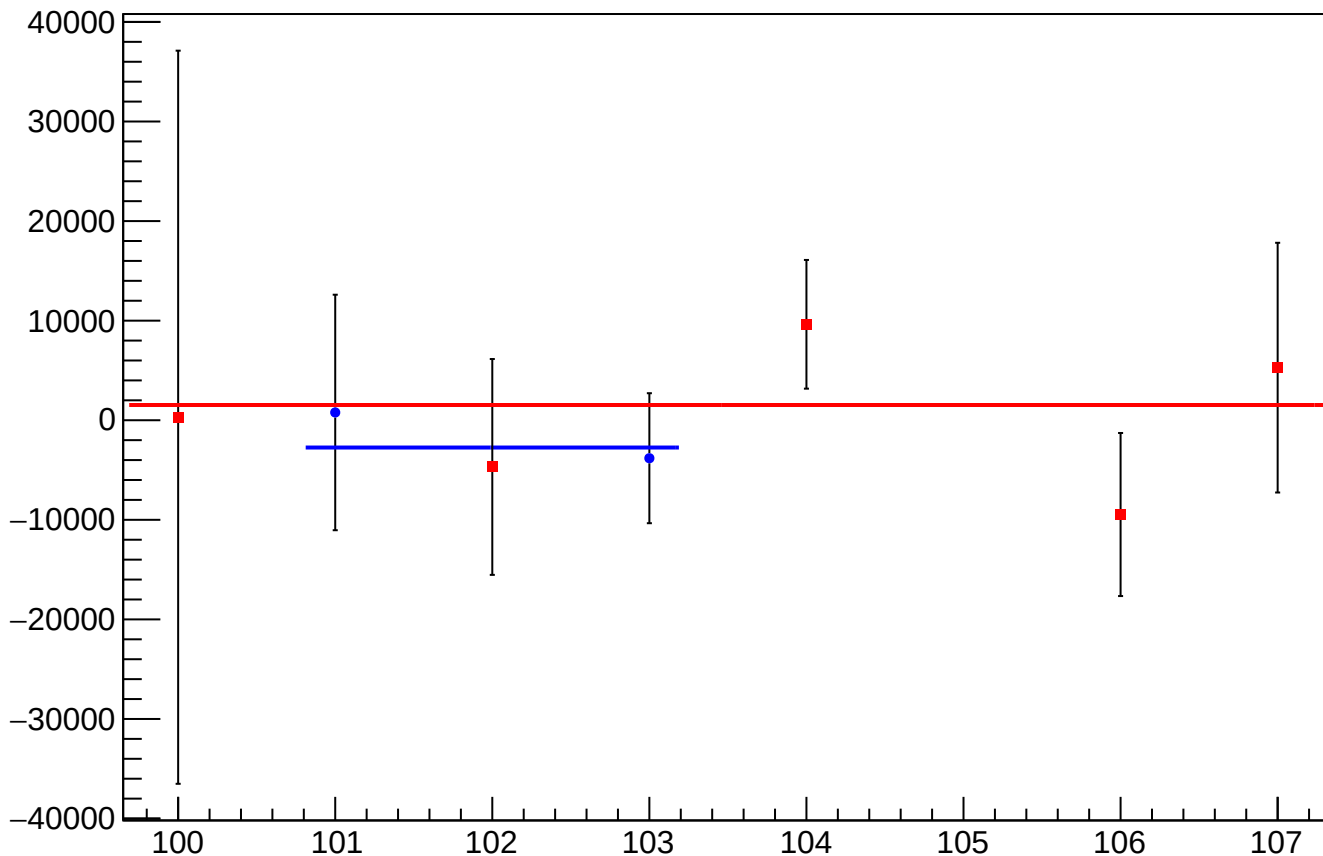
Right: 2163.977+/-0.957 χ^2/NDF : 571635.4/6

In: 2310.677+/-1.580 χ^2/NDF : 386594.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2163.977+/-0.957 χ^2/NDF : 571635.4/6

asym_atr2_reg_correction_mean vs Slug, Sign Corrected



Right In: -2740.324+/-5714.792 χ^2/NDF : 0.1/1

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

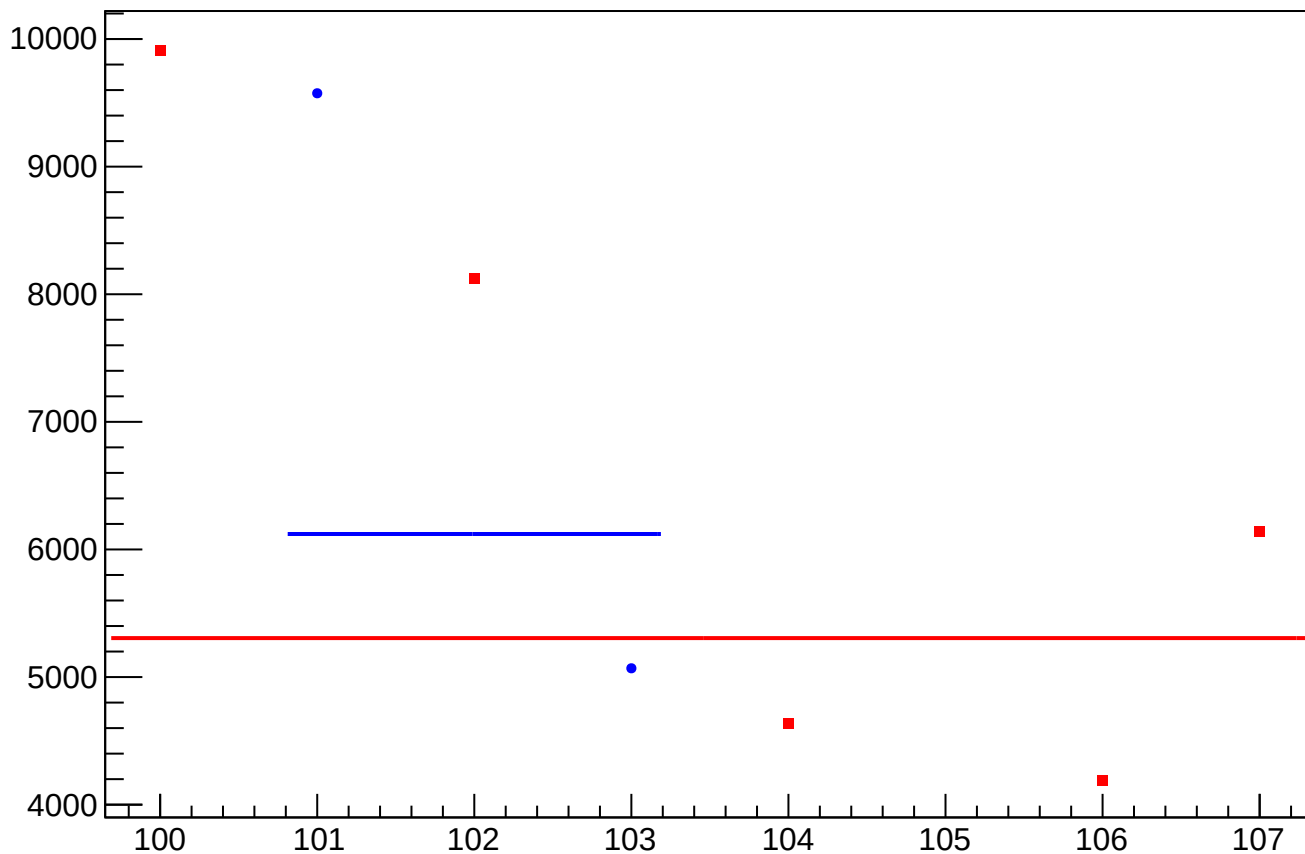
Right: -6.605+/-3428.163 χ^2/NDF : 4.3/6

In: -2740.324+/-5714.792 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.605+/-3428.163 χ^2/NDF : 4.3/6

asym_atr2_reg_correction_rms vs Slug, Sign Corrected



Right In: 6121.119+/-4.041 χ^2 /NDF: 222584.3/1

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

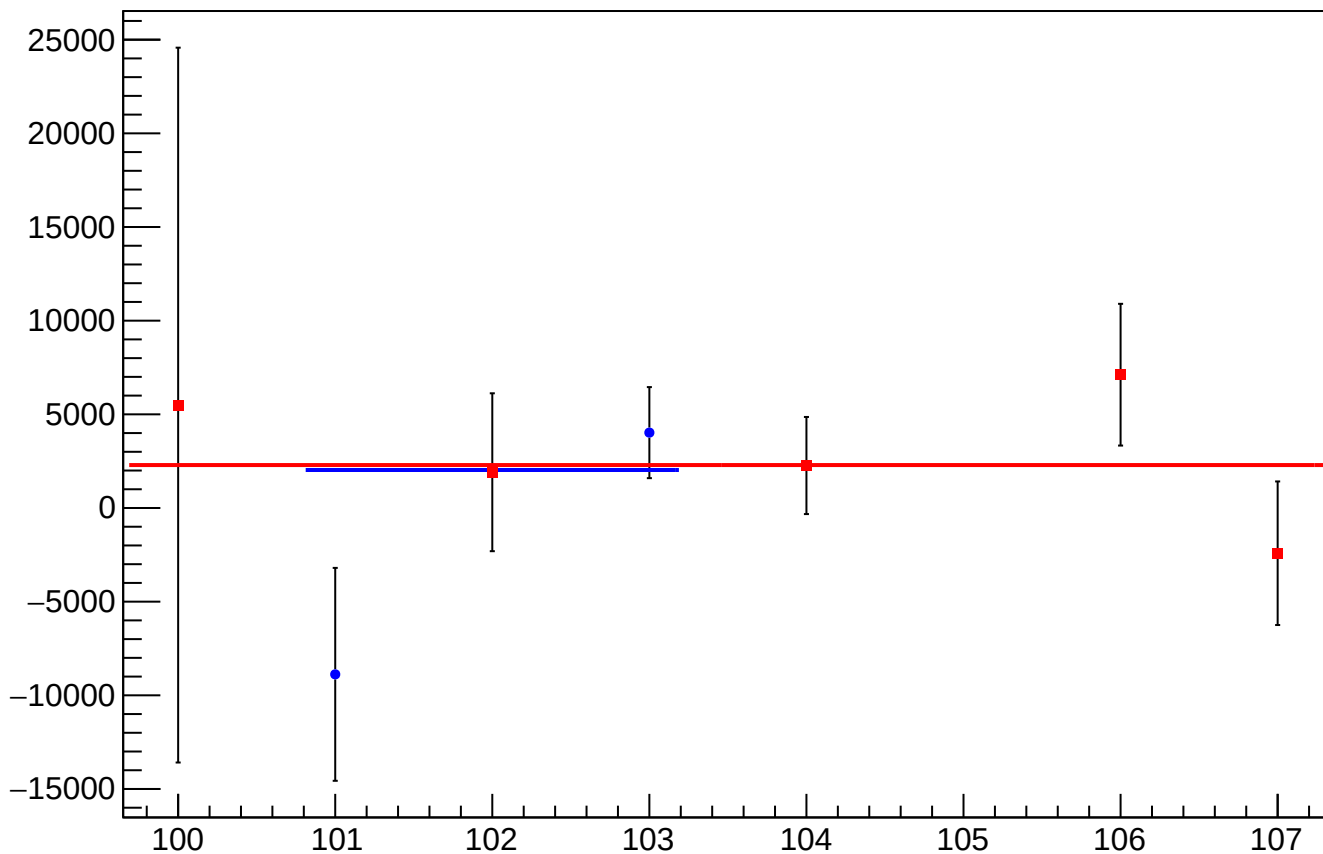
Right: 5598.913+/-2.424 χ^2 /NDF: 482305.3/6

In: 6121.119+/-4.041 χ^2 /NDF:222584.3/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 5598.913+/-2.424 χ^2 /NDF: 482305.3/6

cor_asym_atr2_mean vs Slug, Sign Corrected



Right In: 2028.331+/-2234.574 χ^2/NDF : 4.4/1

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

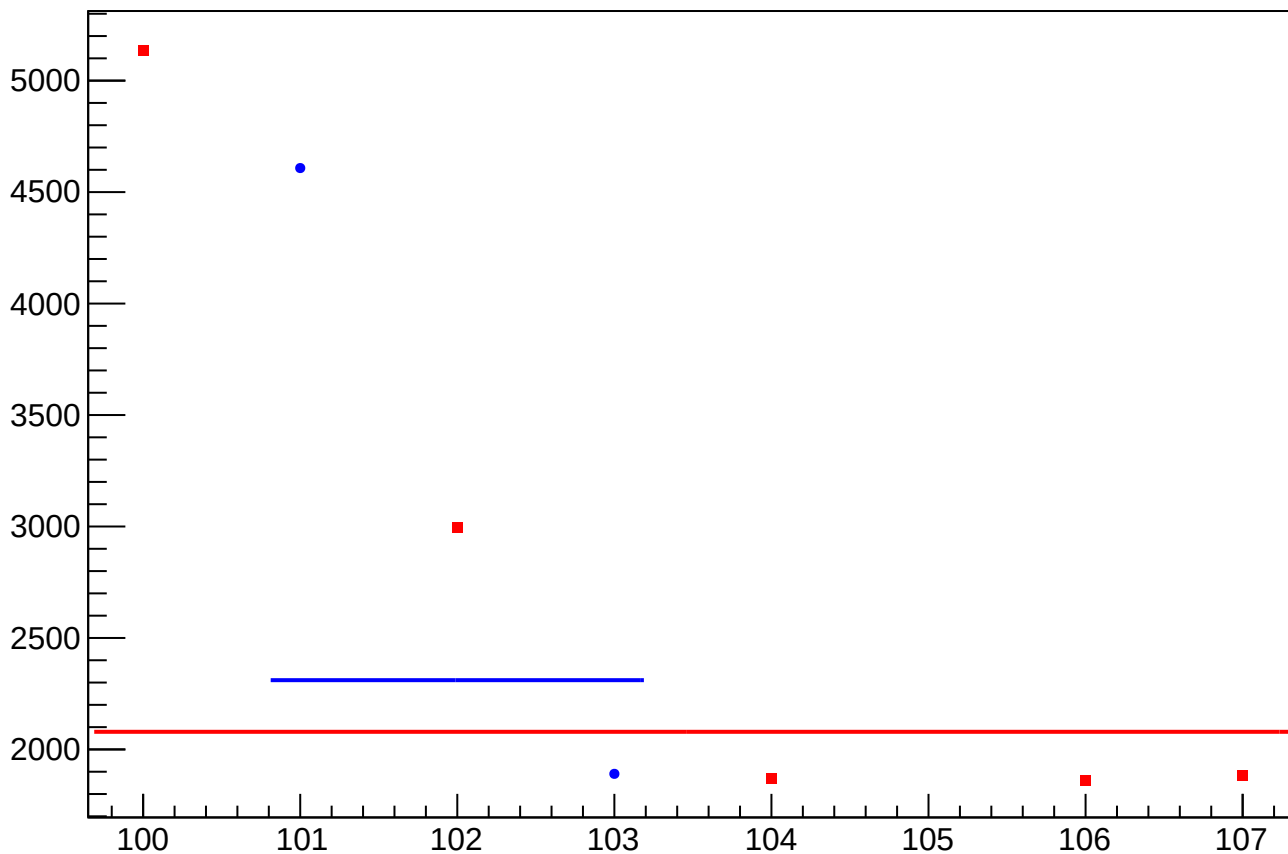
Right: 2195.417+/-1353.235 χ^2/NDF : 7.5/6

In: 2028.331+/-2234.574 χ^2/NDF : 4.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2195.417+/-1353.235 χ^2/NDF : 7.5/6

cor_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2310.682+/-1.580 χ^2/NDF : 386593.3/1

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

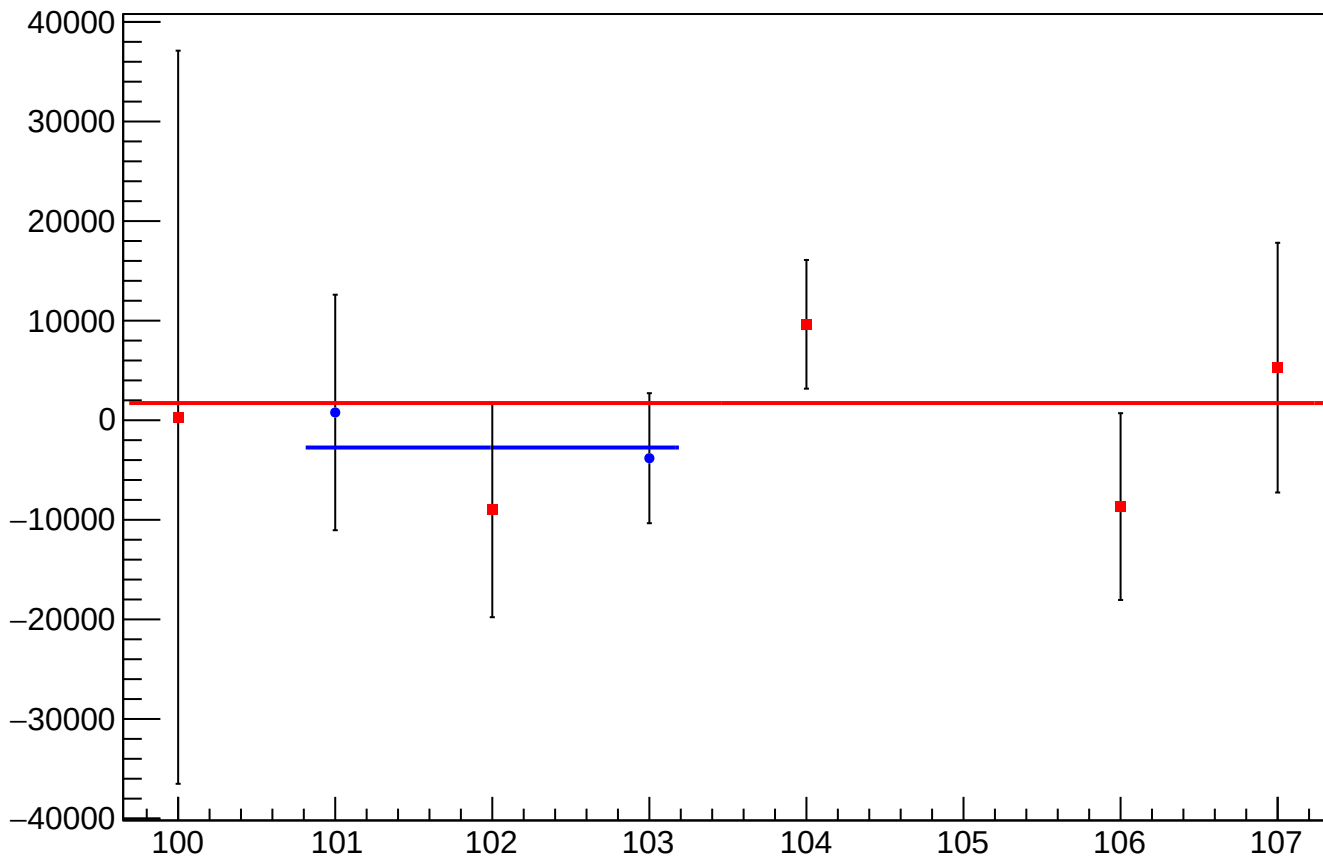
Right: 2164.021+/-0.957 χ^2/NDF : 571609.7/6

In: 2310.682+/-1.580 χ^2/NDF : 386593.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2164.021+/-0.957 χ^2/NDF : 571609.7/6

asym_atr2_cor_correction_mean vs Slug, Sign Corrected



Right In: -2739.707+/-5715.366 χ^2/NDF : 0.1/1

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

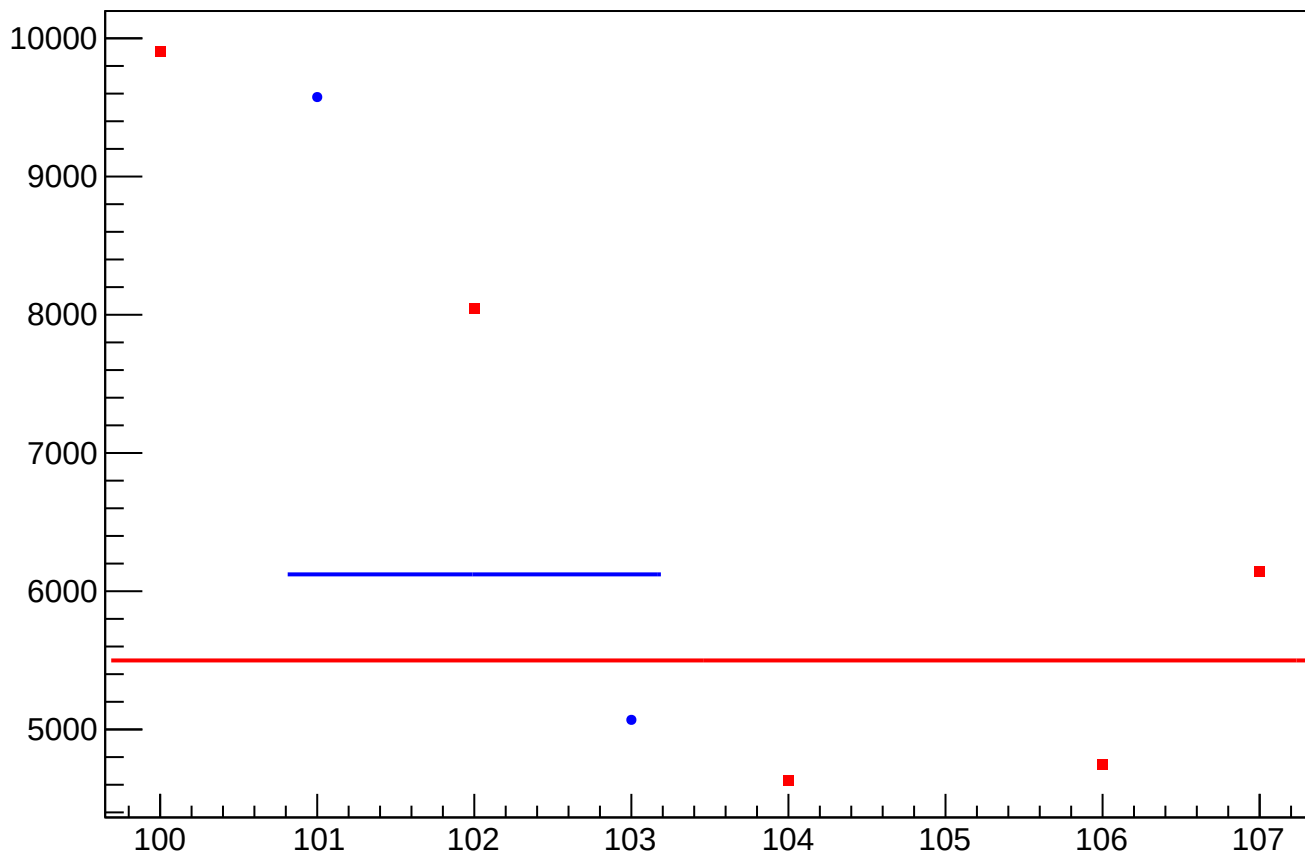
Right: 52.813+/-3499.650 χ^2/NDF : 4.3/6

In: -2739.707+/-5715.366 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.813+/-3499.650 χ^2/NDF : 4.3/6

asym_atr2_cor_correction_rms vs Slug, Sign Corrected



Right In: 6121.878+/-4.041 χ^2/NDF : 222499.5/1

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

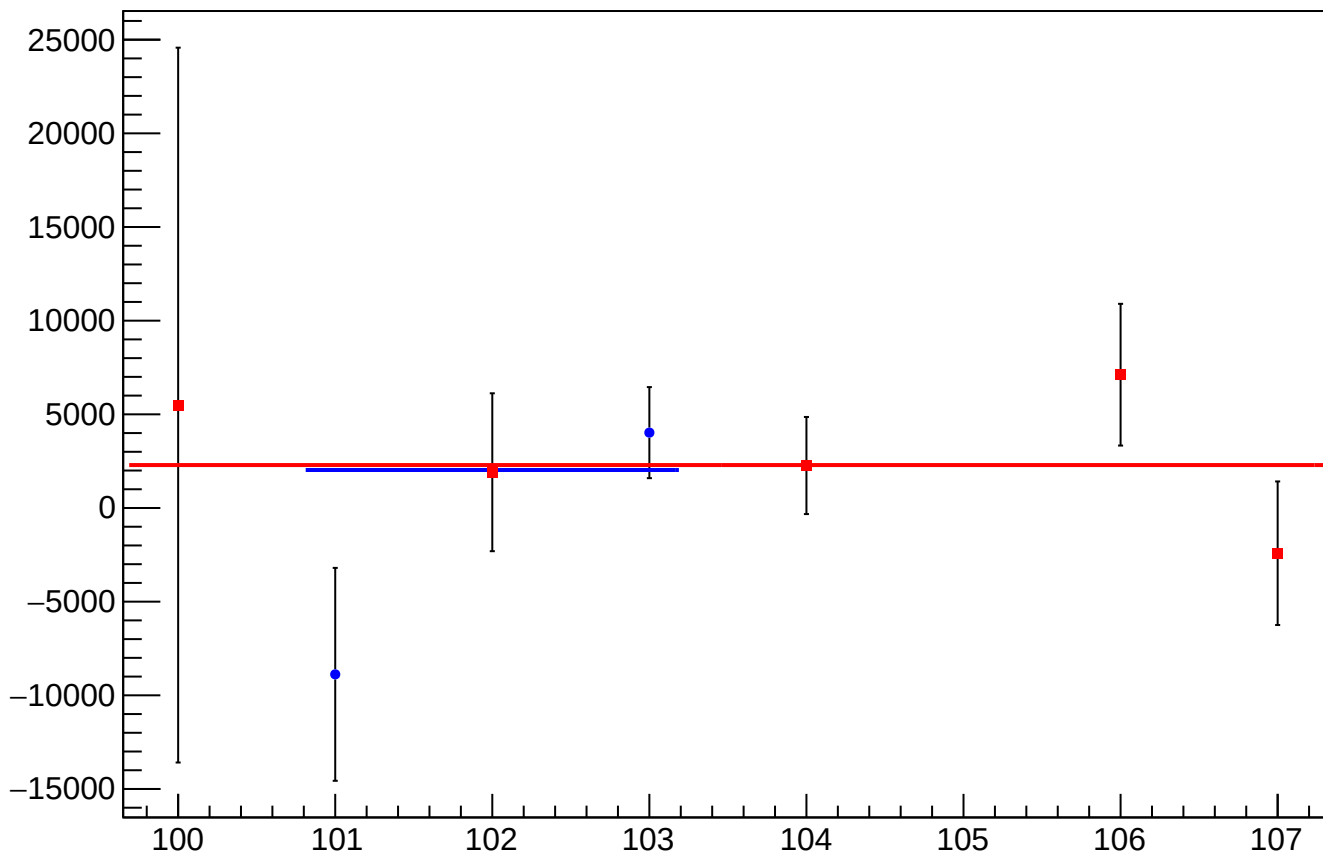
Right: 5732.692+/-2.475 χ^2/NDF : 431828.4/6

In: 6121.878+/-4.041 χ^2/NDF : 222499.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5732.692+/-2.475 χ^2/NDF : 431828.4/6

eigen_cor_asym_atr2_mean vs Slug, Sign Corrected



Right In: 2028.331+/-2234.574 χ^2/NDF : 4.4/1

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

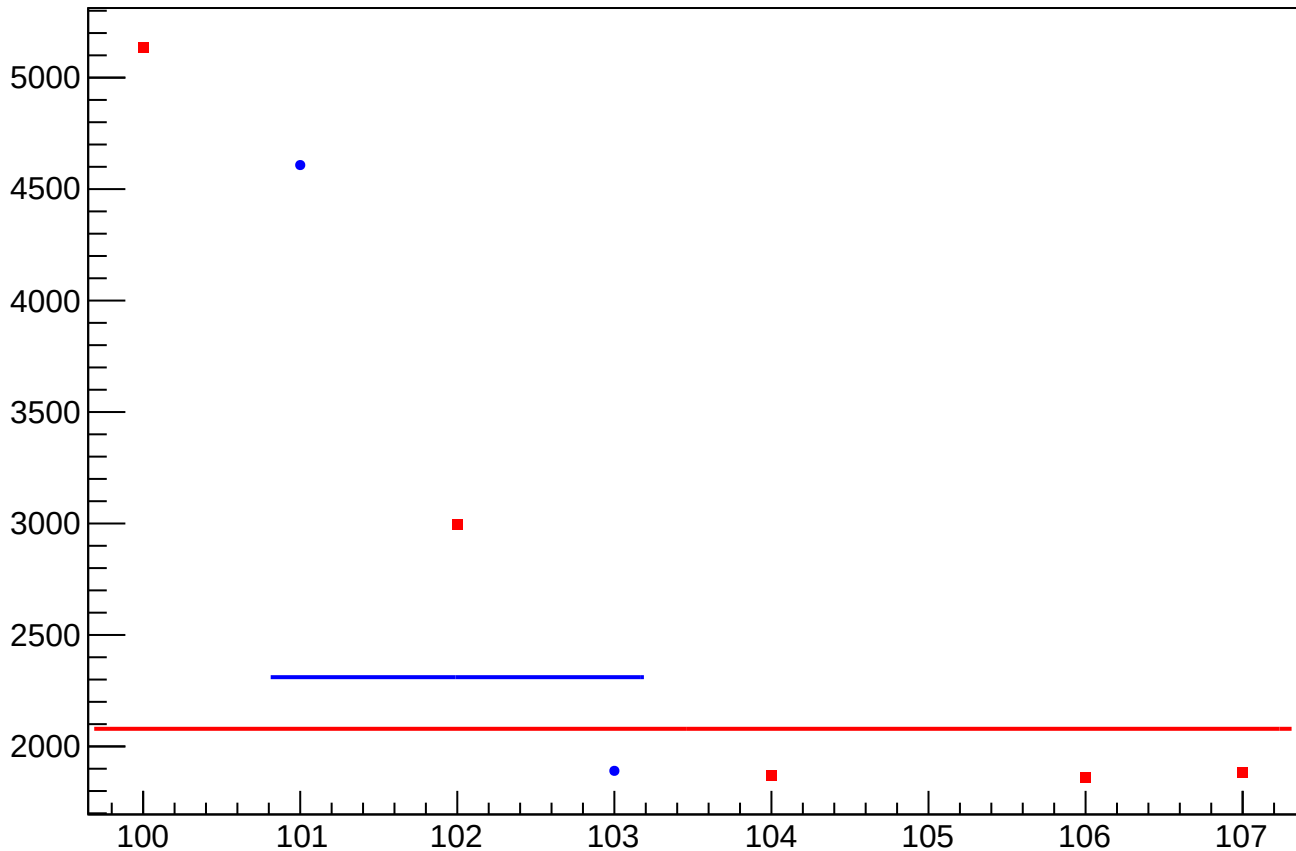
Right: 2195.417+/-1353.235 χ^2/NDF : 7.5/6

In: 2028.331+/-2234.574 χ^2/NDF : 4.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2195.417+/-1353.235 χ^2/NDF : 7.5/6

eigen_cor_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2310.682+/-1.580 χ^2/NDF : 386593.3/1

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

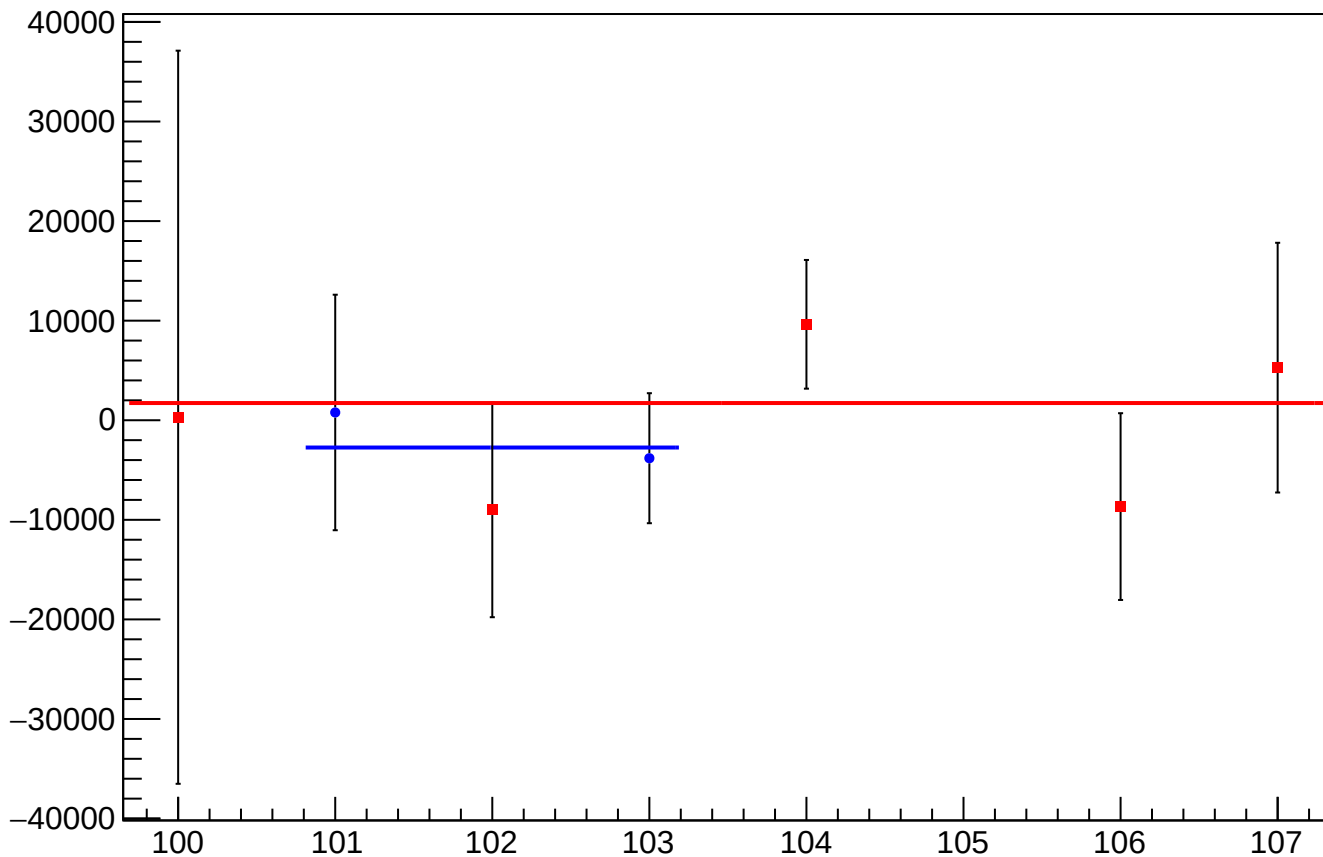
Right: 2164.021+/-0.957 χ^2/NDF : 571609.7/6

In: 2310.682+/-1.580 χ^2/NDF : 386593.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2164.021+/-0.957 χ^2/NDF : 571609.7/6

asym_atr2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -2739.707 $\pm$ 5715.366 χ^2 /NDF: 0.1/1

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

Right Out: 1727.891 $\pm$ 4426.531 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

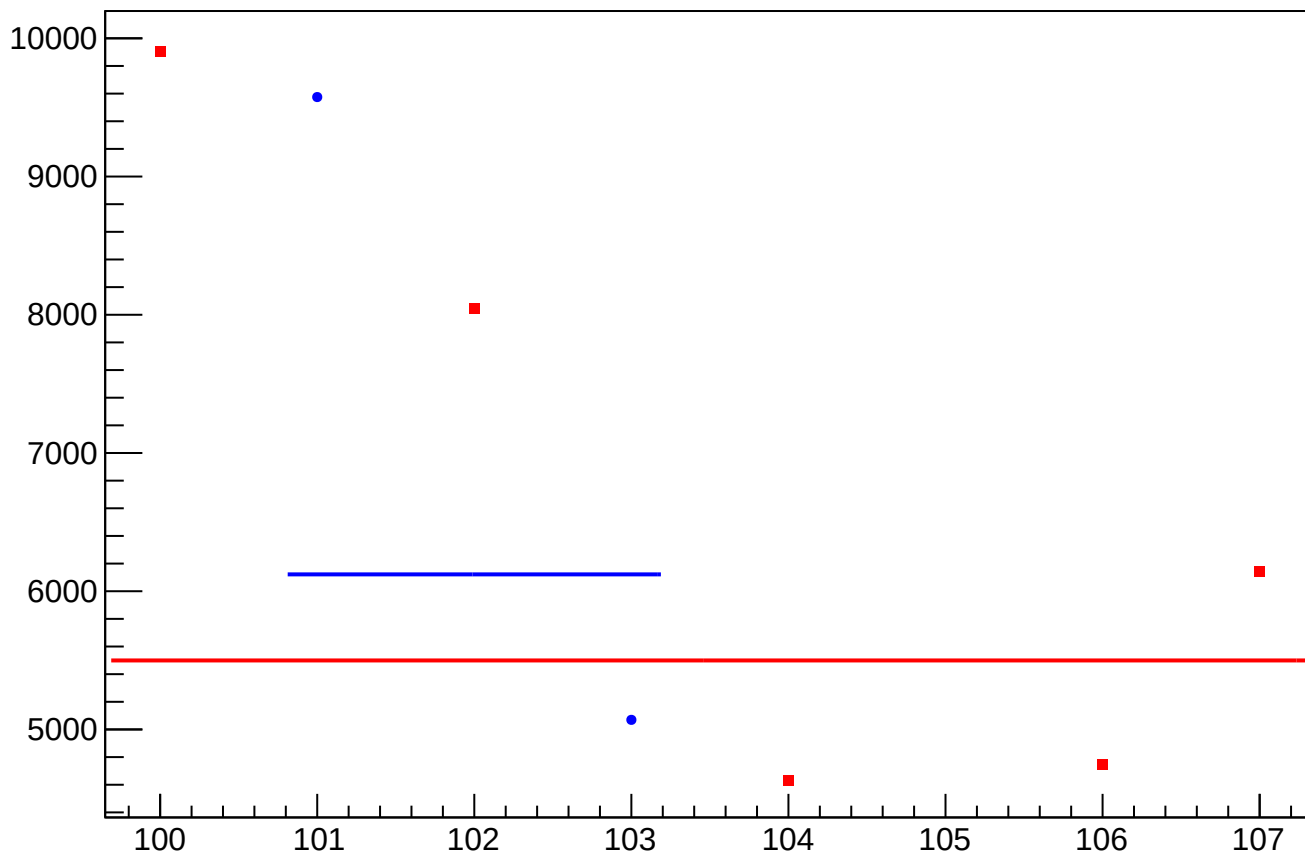
Right: 52.813 $\pm$ 3499.650 χ^2 /NDF: 4.3/6

In: -2739.707 $\pm$ 5715.366 χ^2 /NDF: 0.1/1

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

All: 52.813 $\pm$ 3499.650 χ^2 /NDF: 4.3/6

asym_atr2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 6121.878+/-4.041 χ^2/NDF : 222499.5/1

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

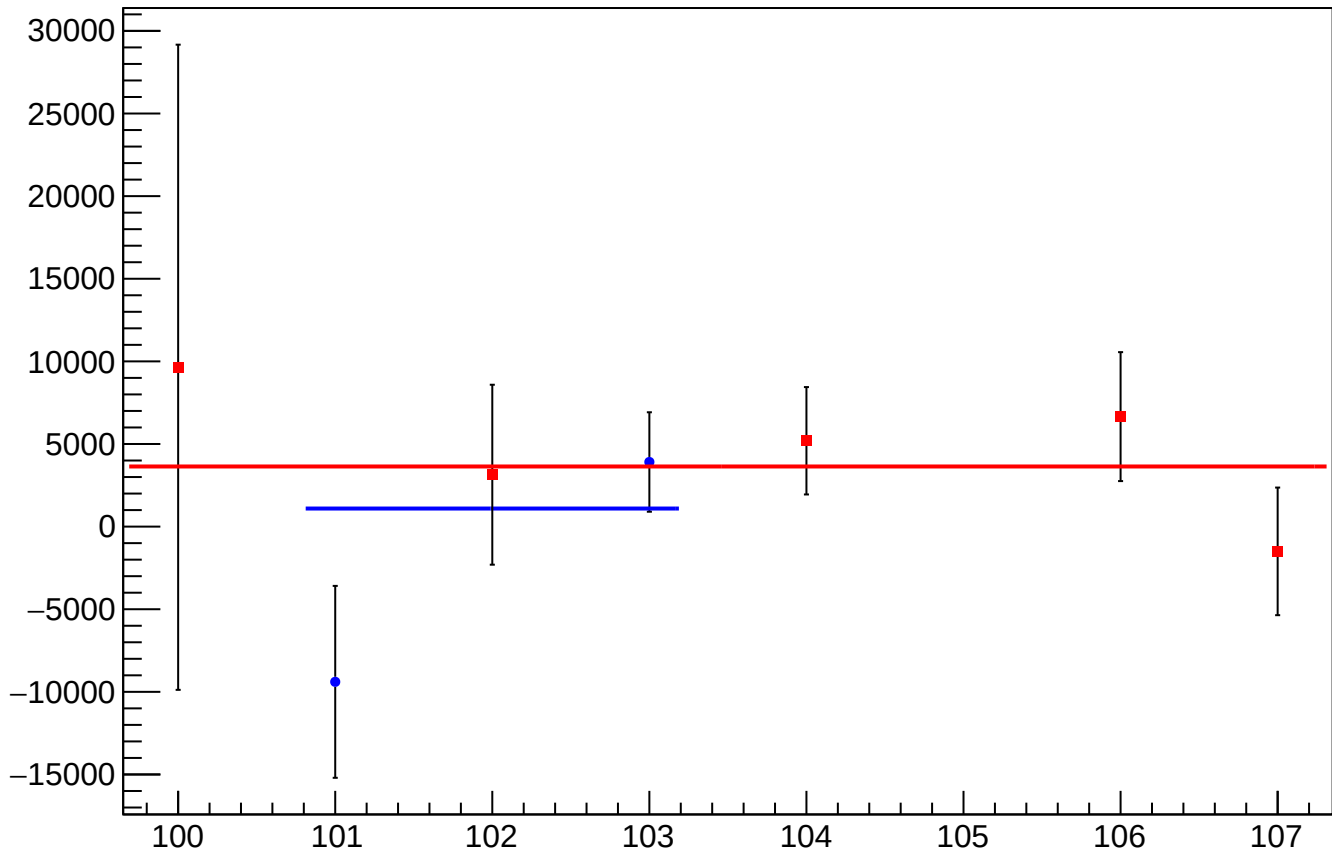
Right: 5732.692+/-2.475 χ^2/NDF : 431828.4/6

In: 6121.878+/-4.041 χ^2/NDF : 222499.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5732.692+/-2.475 χ^2/NDF : 431828.4/6

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 1093.938+/-2671.807 χ^2/NDF : 4.1/1

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

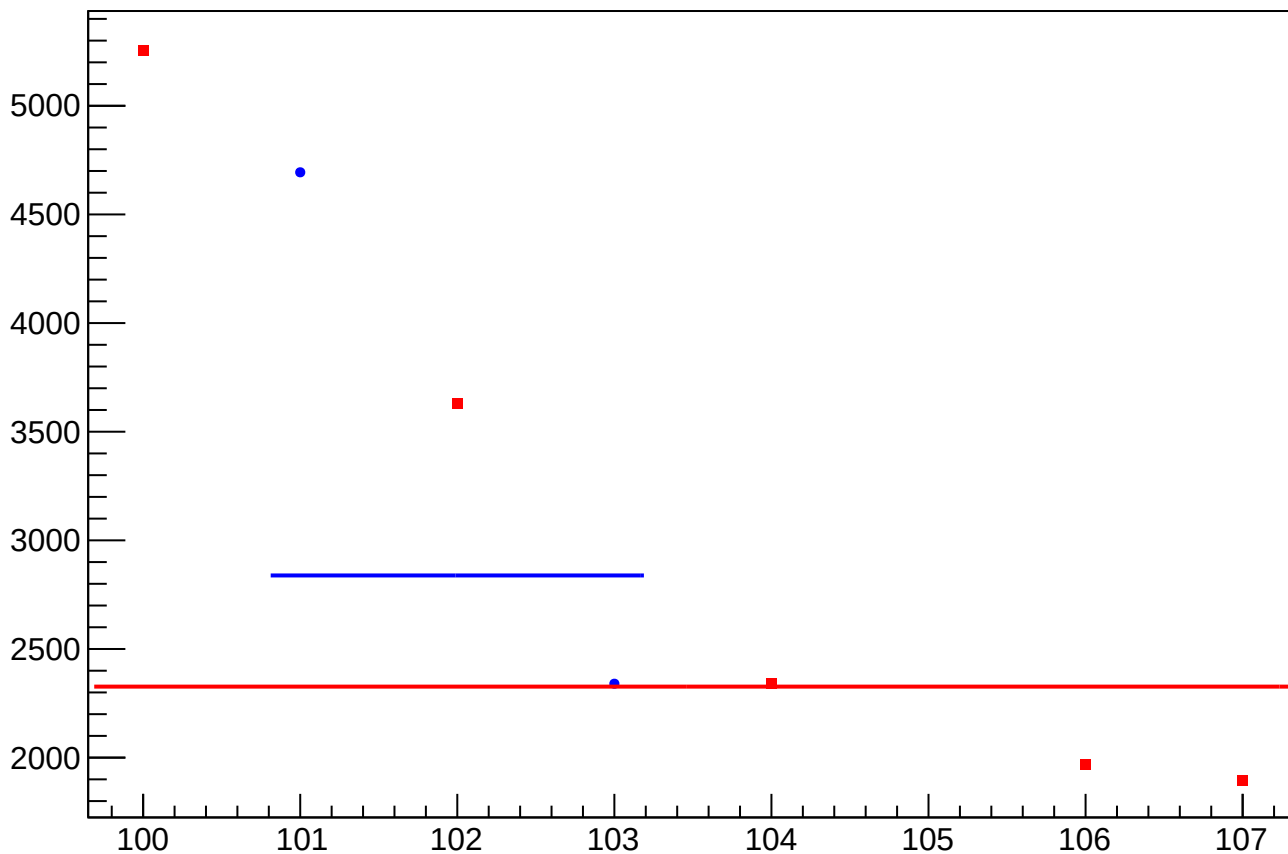
Right: 2756.201+/-1573.520 χ^2/NDF : 7.4/6

In: 1093.938+/-2671.807 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2756.201+/-1573.520 χ^2/NDF : 7.4/6

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2838.428+/-1.889 χ^2/NDF : 259032.1/1

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

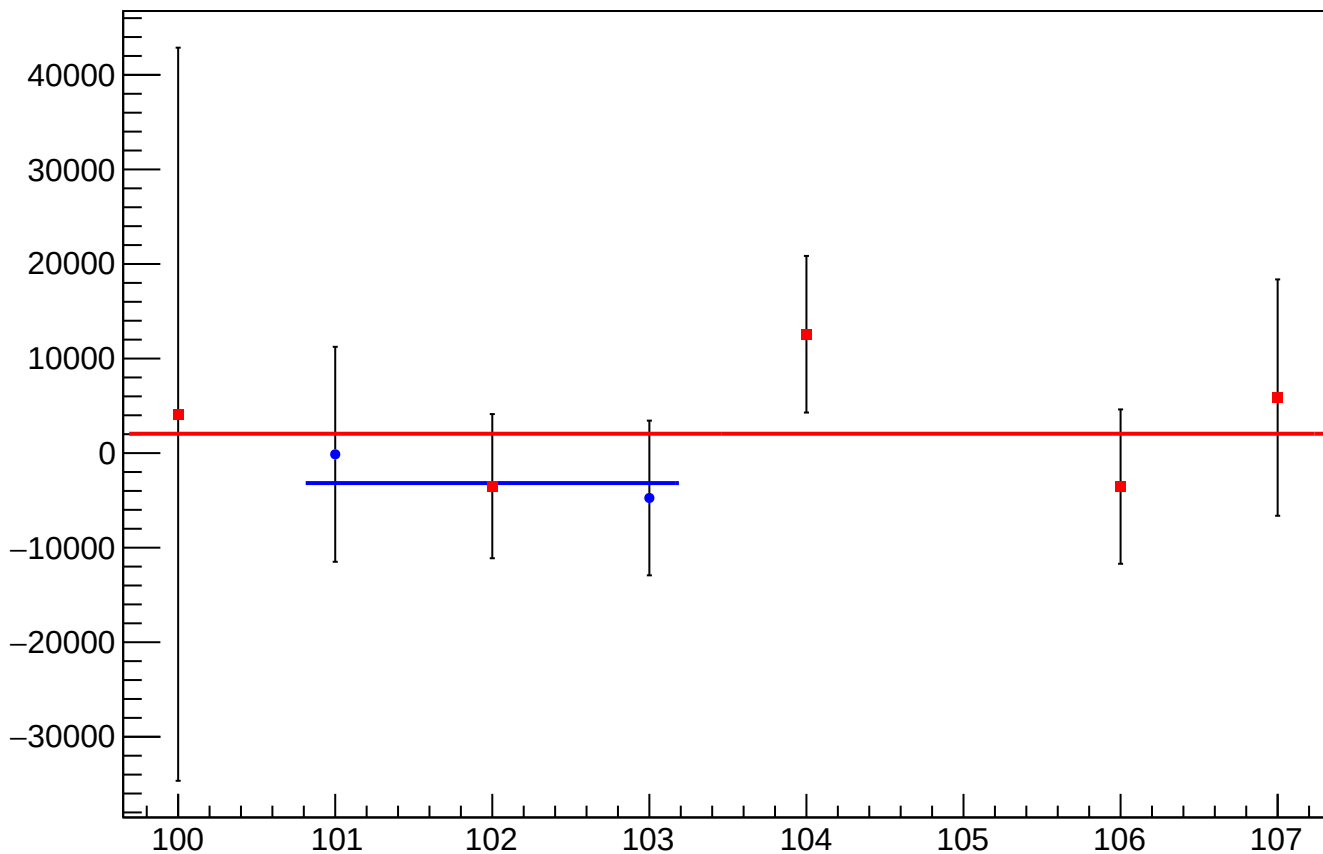
Right: 2503.708+/-1.111 χ^2/NDF : 508609.9/6

In: 2838.428+/-1.889 χ^2/NDF : 259032.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2503.708+/-1.111 χ^2/NDF : 508609.9/6

asym_atr2_dit_correction_mean vs Slug, Sign Corrected



Right In: -3169.791 $\pm$ 6639.702 χ^2 /NDF: 0.1/1

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

Right Out: 2048.134 $\pm$ 4308.705 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

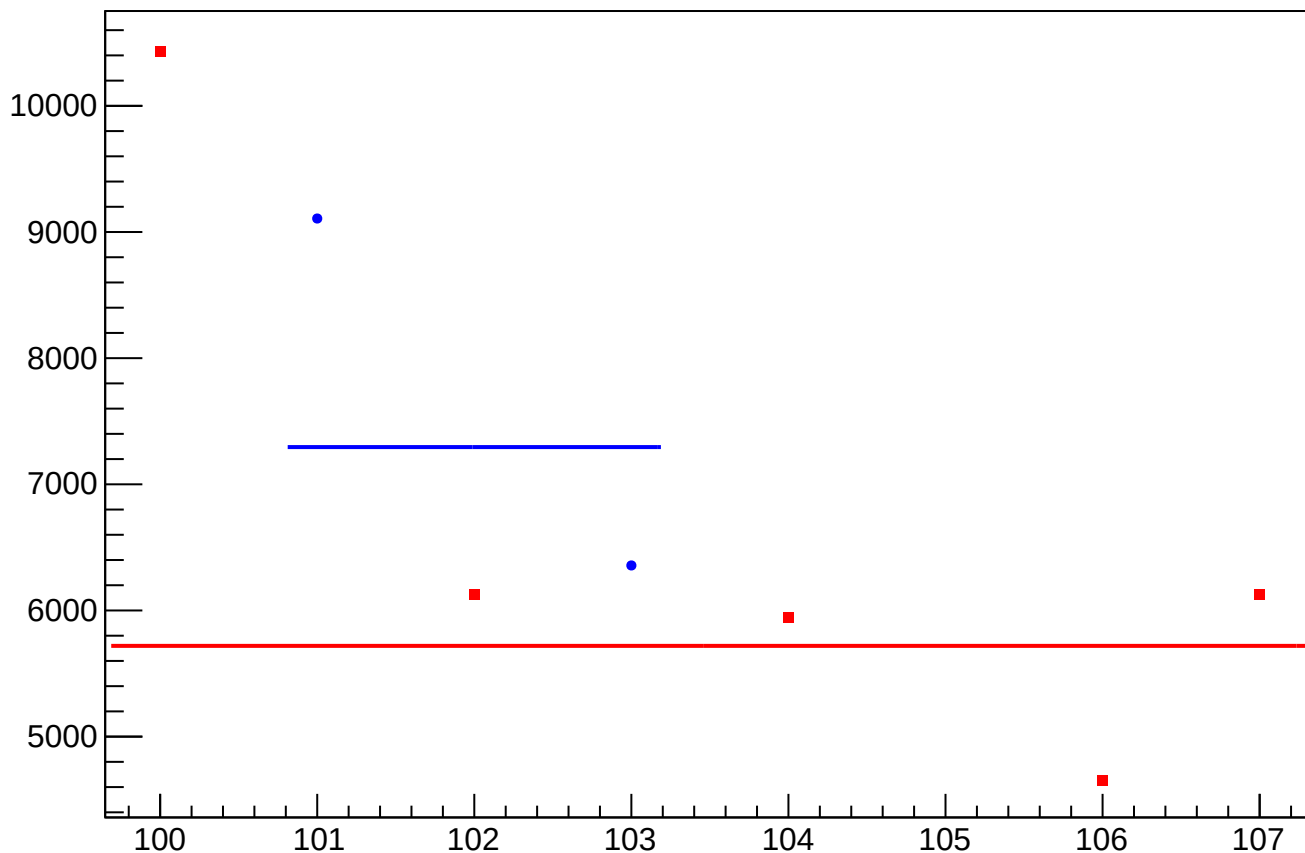
Right: 501.932 $\pm$ 3614.372 χ^2 /NDF: 3.3/6

In: -3169.791 $\pm$ 6639.702 χ^2 /NDF: 0.1/1

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

All: 501.932 $\pm$ 3614.372 χ^2 /NDF: 3.3/6

asym_atr2_dit_correction_rms vs Slug, Sign Corrected



Right In: 7295.166+/-4.695 χ^2/NDF : 77127.4/1

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

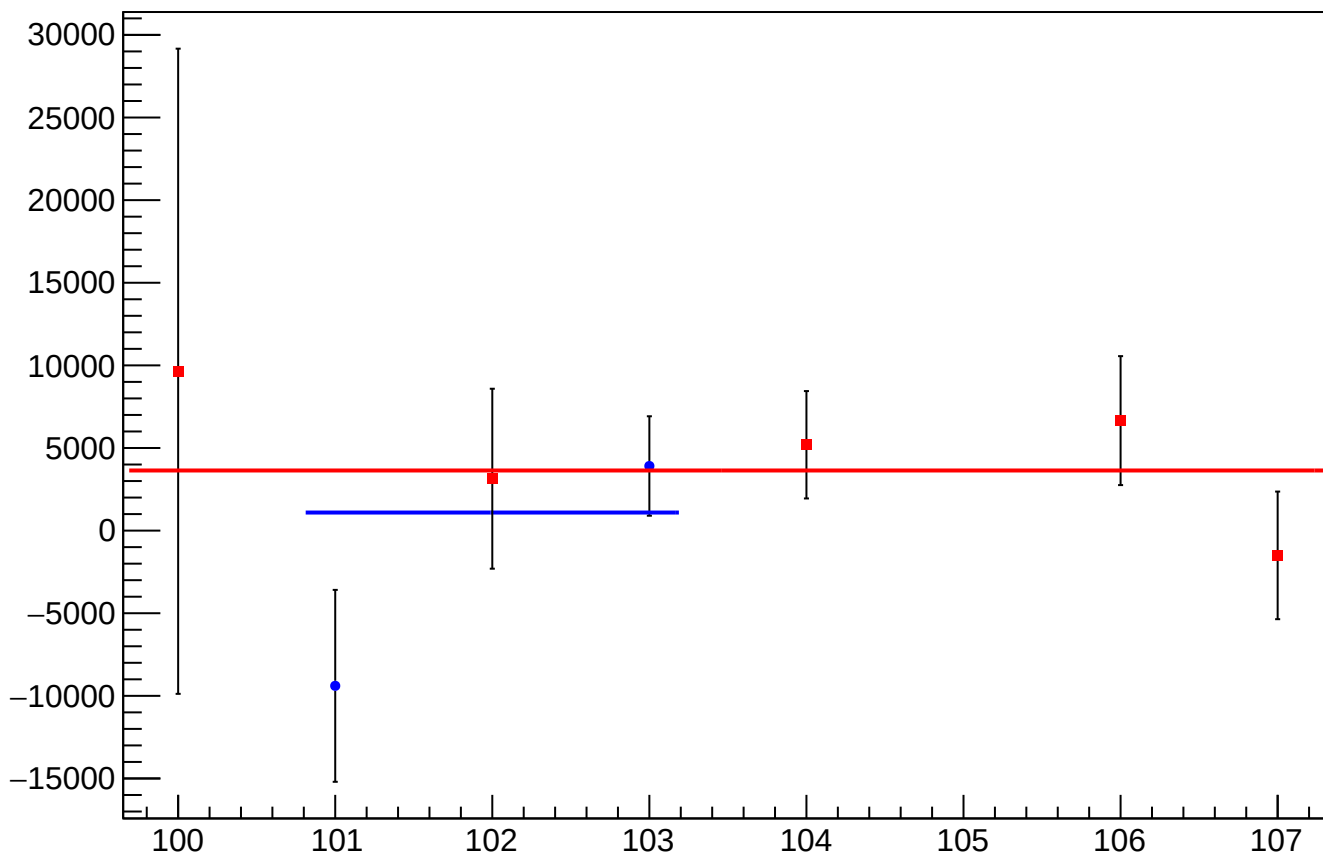
Right: 6186.332+/-2.556 χ^2/NDF : 229169.5/6

In: 7295.166+/-4.695 χ^2/NDF : 77127.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6186.332+/-2.556 χ^2/NDF : 229169.5/6

eigen_dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 1093.919+/-2671.806 χ^2/NDF : 4.1/1

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

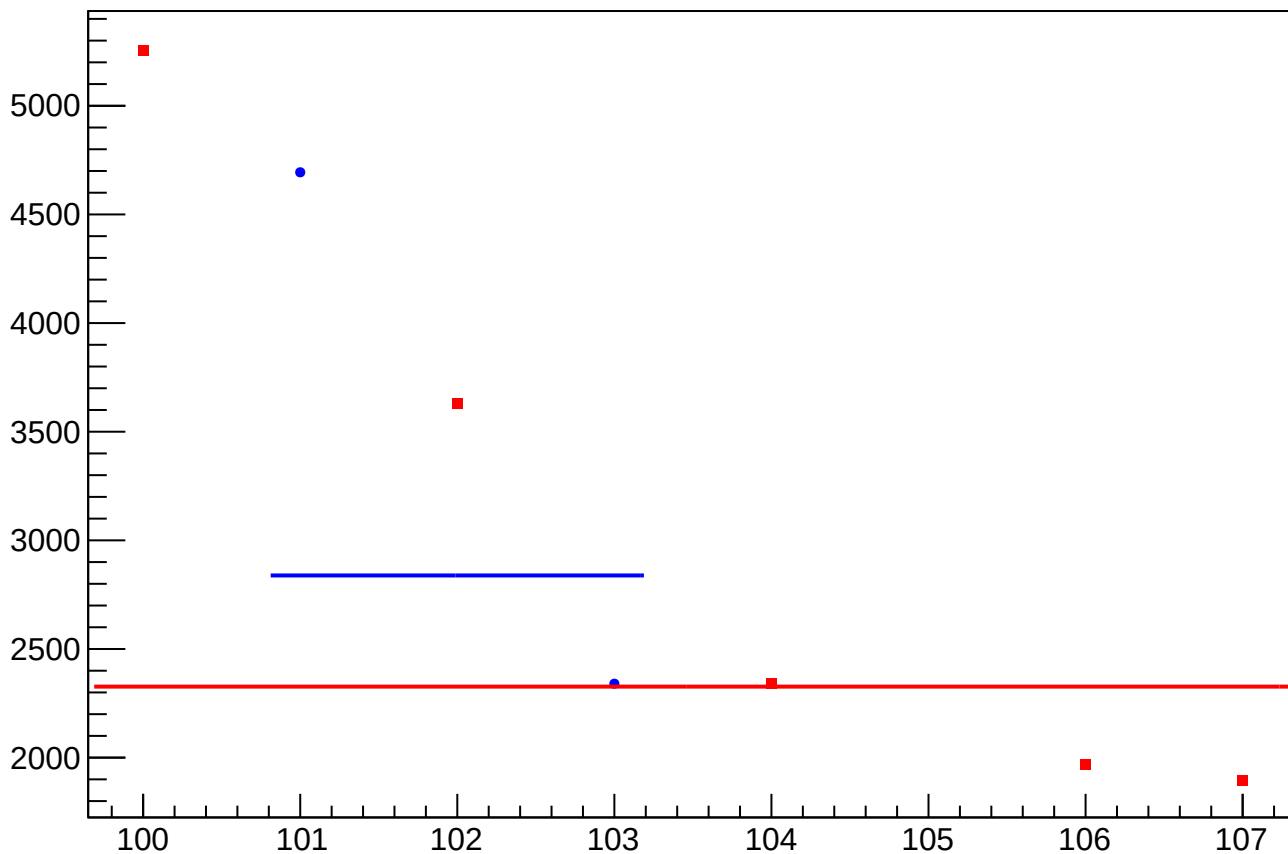
Right: 2756.196+/-1573.520 χ^2/NDF : 7.4/6

In: 1093.919+/-2671.806 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2756.196+/-1573.520 χ^2/NDF : 7.4/6

eigen_dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2838.427+/-1.889 χ^2/NDF : 259032.2/1

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

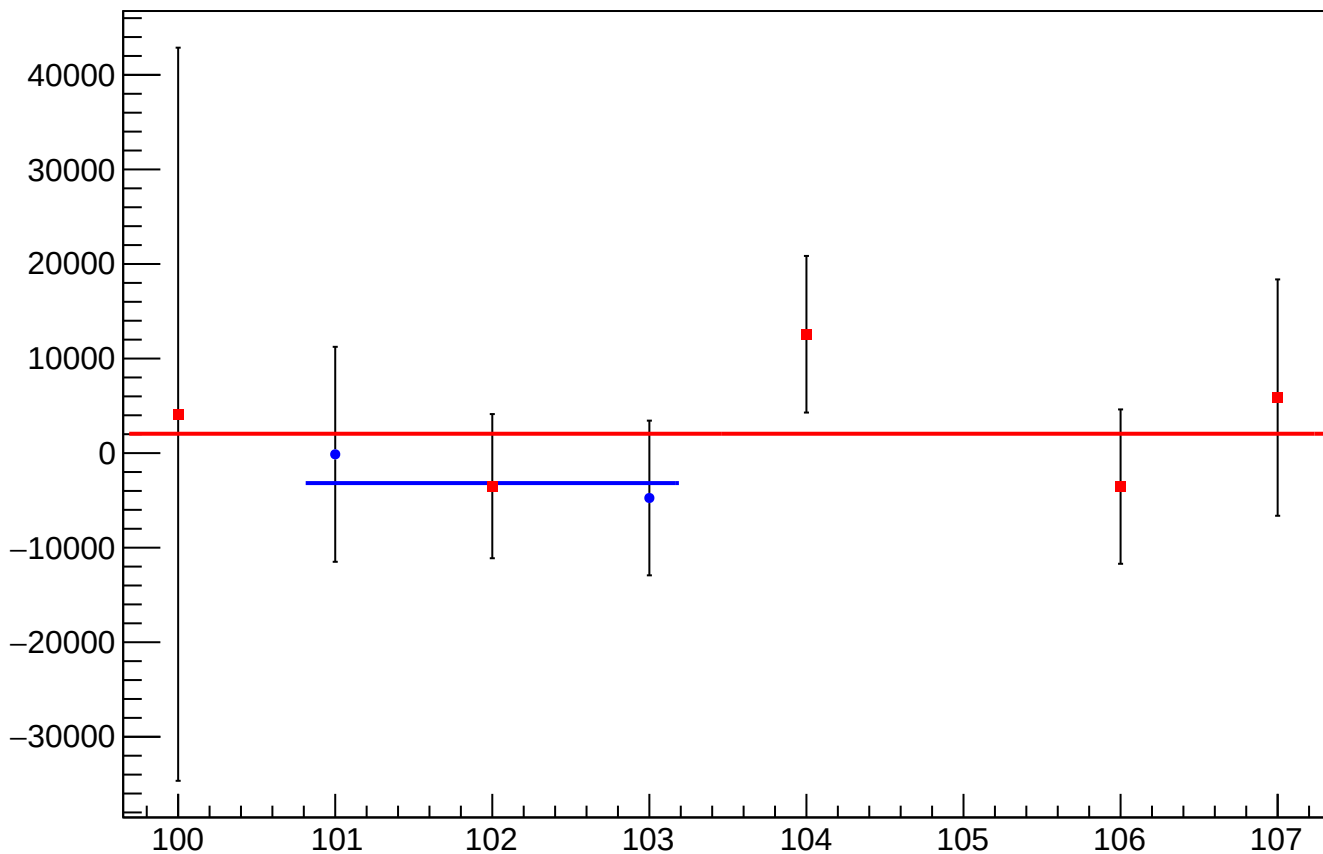
Right: 2503.708+/-1.111 χ^2/NDF : 508609.6/6

In: 2838.427+/-1.889 χ^2/NDF : 259032.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2503.708+/-1.111 χ^2/NDF : 508609.6/6

asym_atr2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -3169.812 $\pm$ 6639.698 χ^2 /NDF: 0.1/1

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

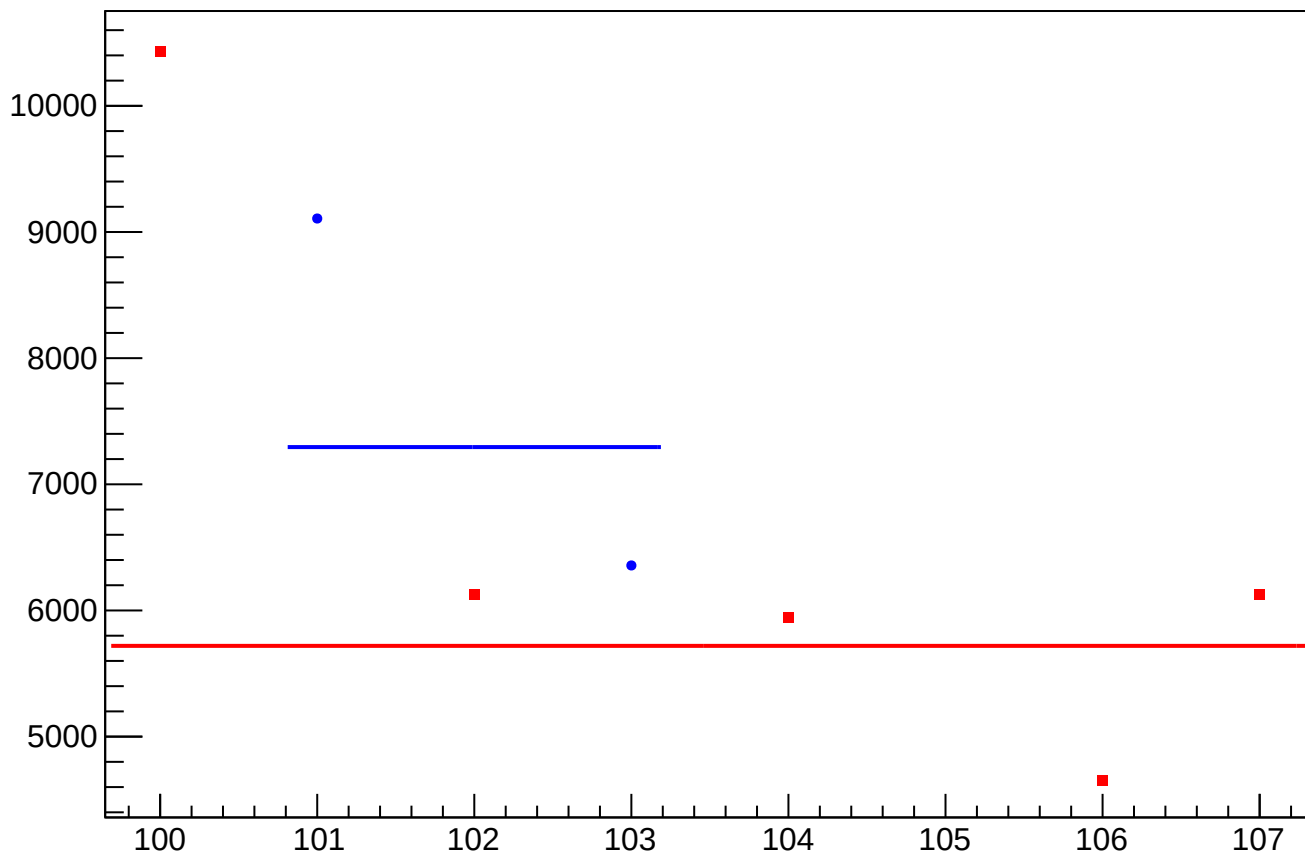
Right: 501.933 $\pm$ 3614.368 χ^2 /NDF: 3.3/6

In: -3169.812 $\pm$ 6639.698 χ^2 /NDF: 0.1/1

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

All: 501.933 $\pm$ 3614.368 χ^2 /NDF: 3.3/6

asym_atr2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 7295.162+/-4.695 χ^2/NDF : 77127.0/1

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

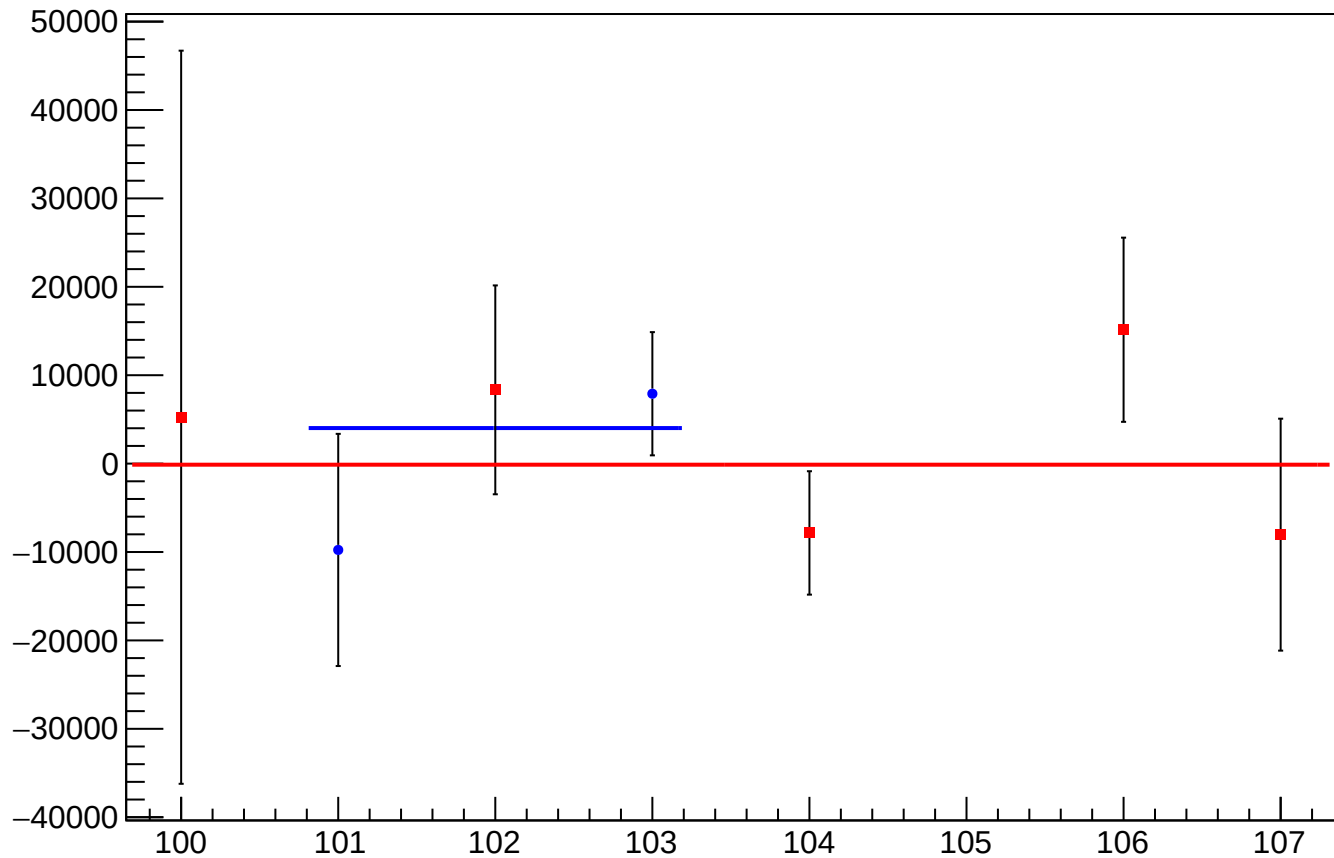
Right: 6186.324+/-2.556 χ^2/NDF : 229170.4/6

In: 7295.162+/-4.695 χ^2/NDF : 77127.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6186.324+/-2.556 χ^2/NDF : 229170.4/6

asym_atr2_mean vs Slug, Sign Corrected



Right In: 4021.060+/-6155.988 χ^2/NDF : 1.4/1

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

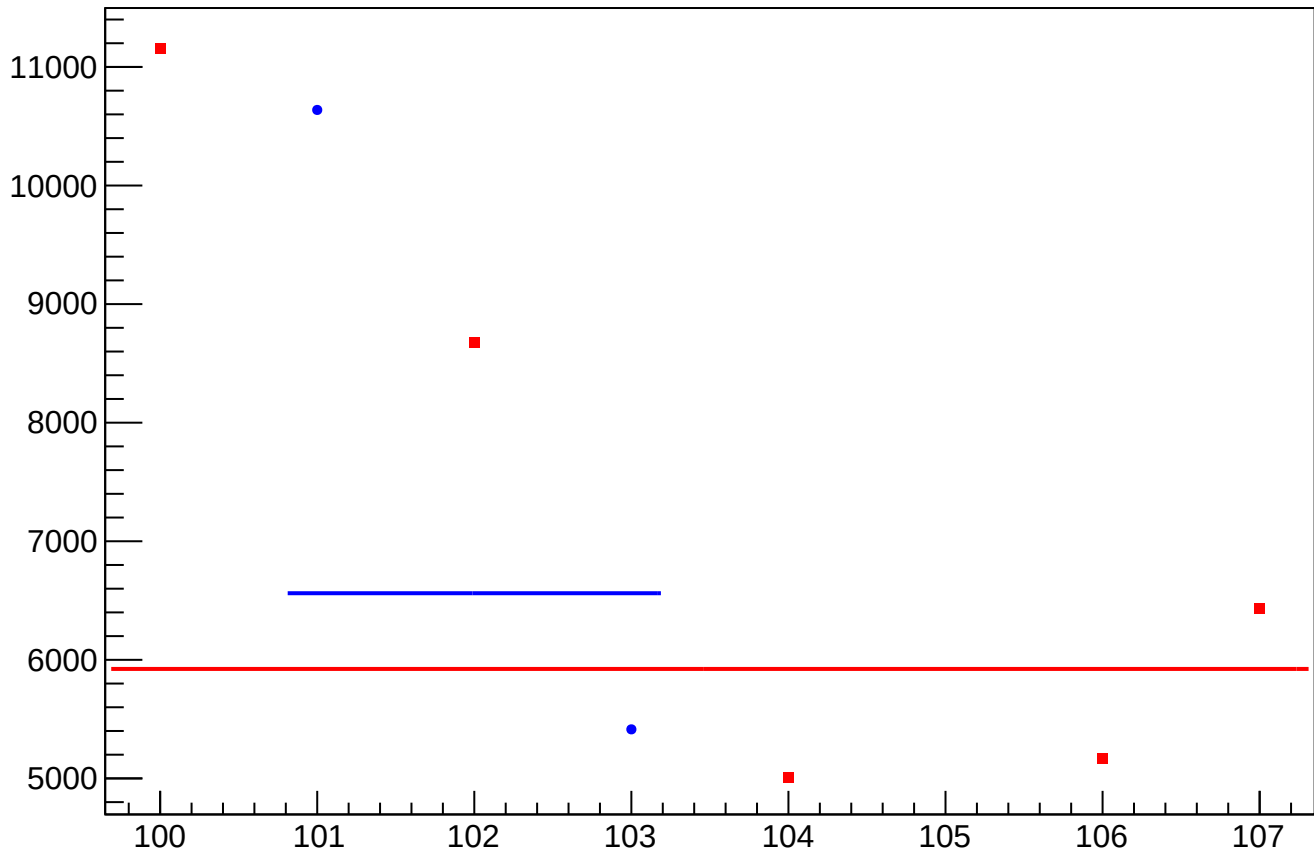
Right: 1446.471+/-3788.133 χ^2/NDF : 6.0/6

In: 4021.060+/-6155.988 χ^2/NDF : 1.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1446.471+/-3788.133 χ^2/NDF : 6.0/6

asym_atr2_rms vs Slug, Sign Corrected



Right In: 6561.704+/-4.353 χ^2/NDF : 246930.9/1

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

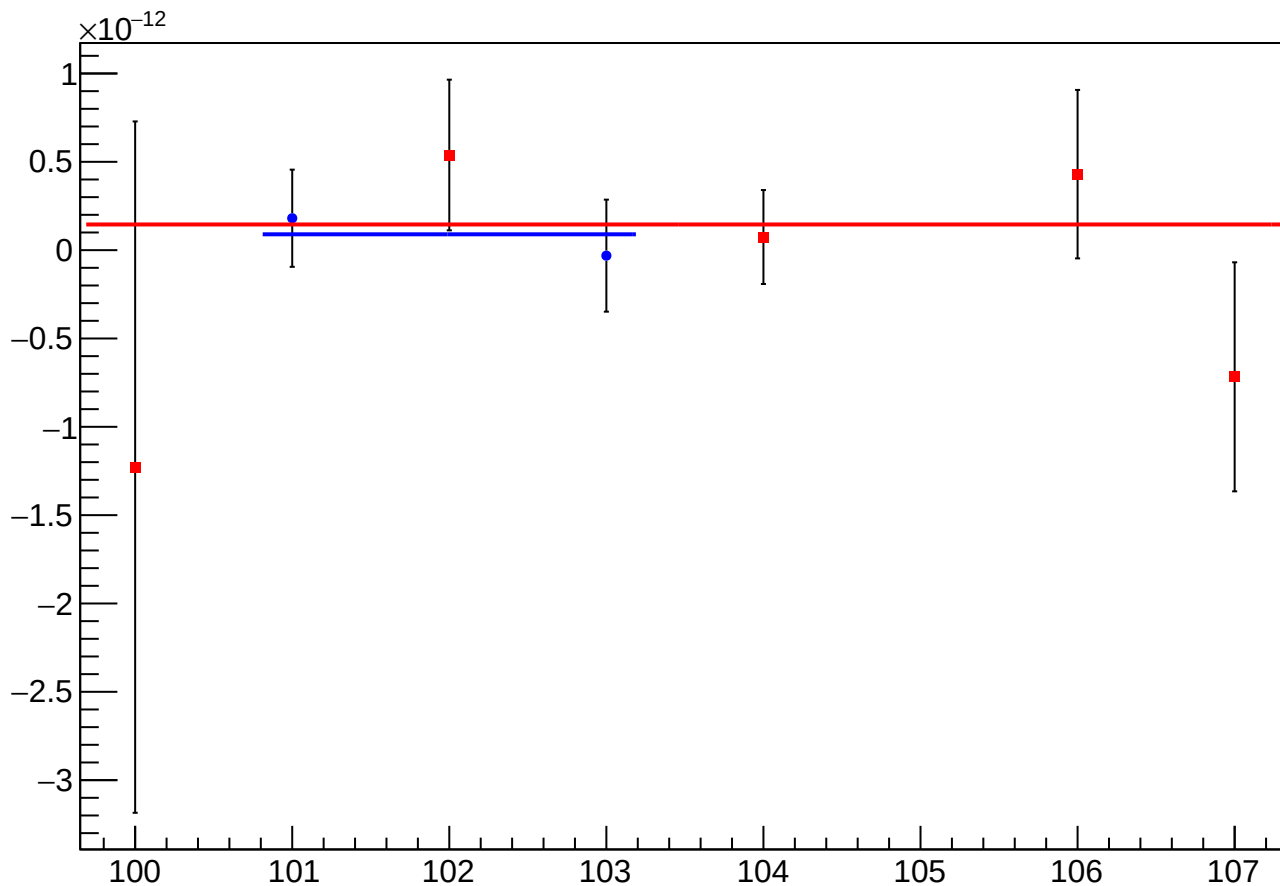
Right: 6164.983+/-2.679 χ^2/NDF : 448268.1/6

In: 6561.704+/-4.353 χ^2/NDF : 246930.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6164.983+/-2.679 χ^2/NDF : 448268.1/6

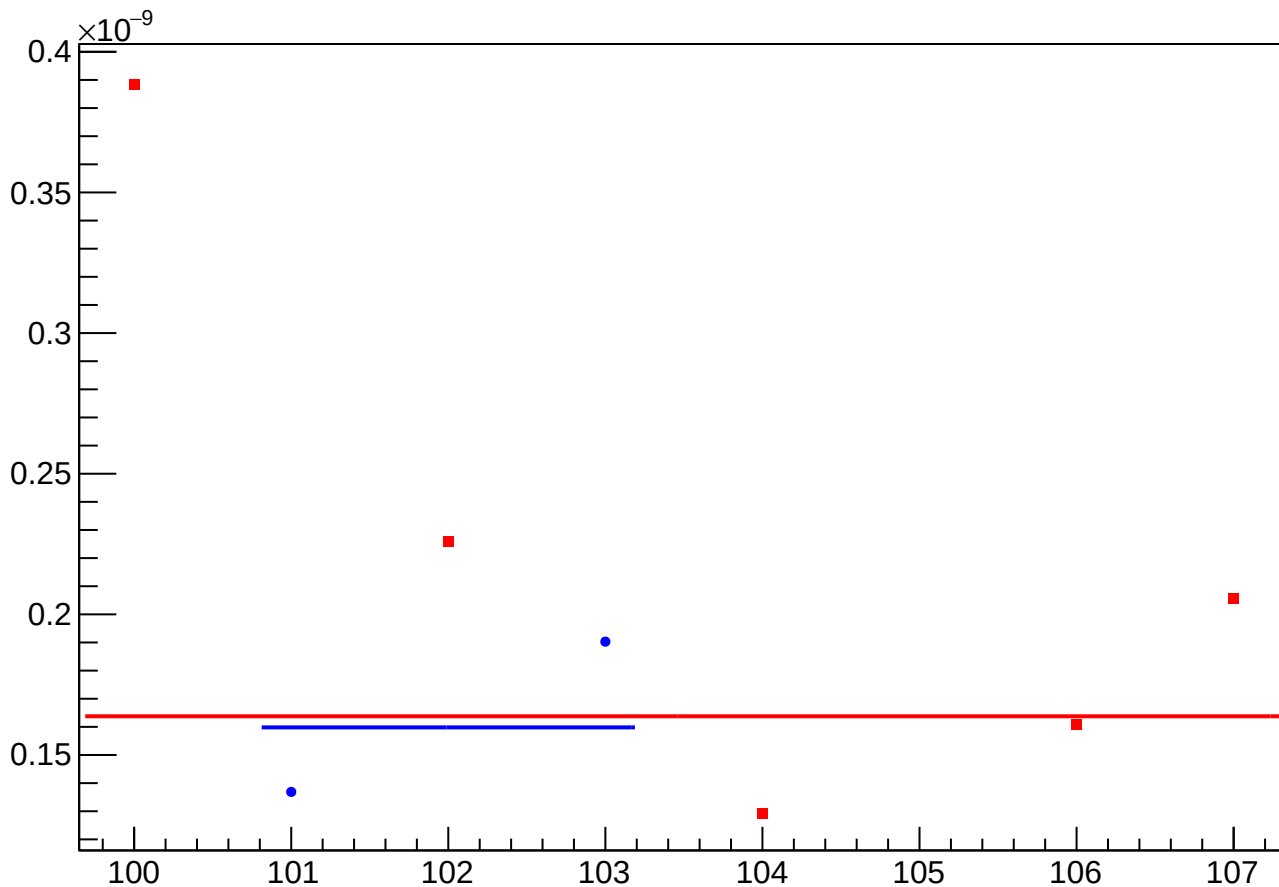
asym_atr2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.3/1
 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 : 3.8/6
 In: 0.000+/-0.000 χ^2/NDF : 0.3/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 3.8/6

asym_atr2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 32408.6/1

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

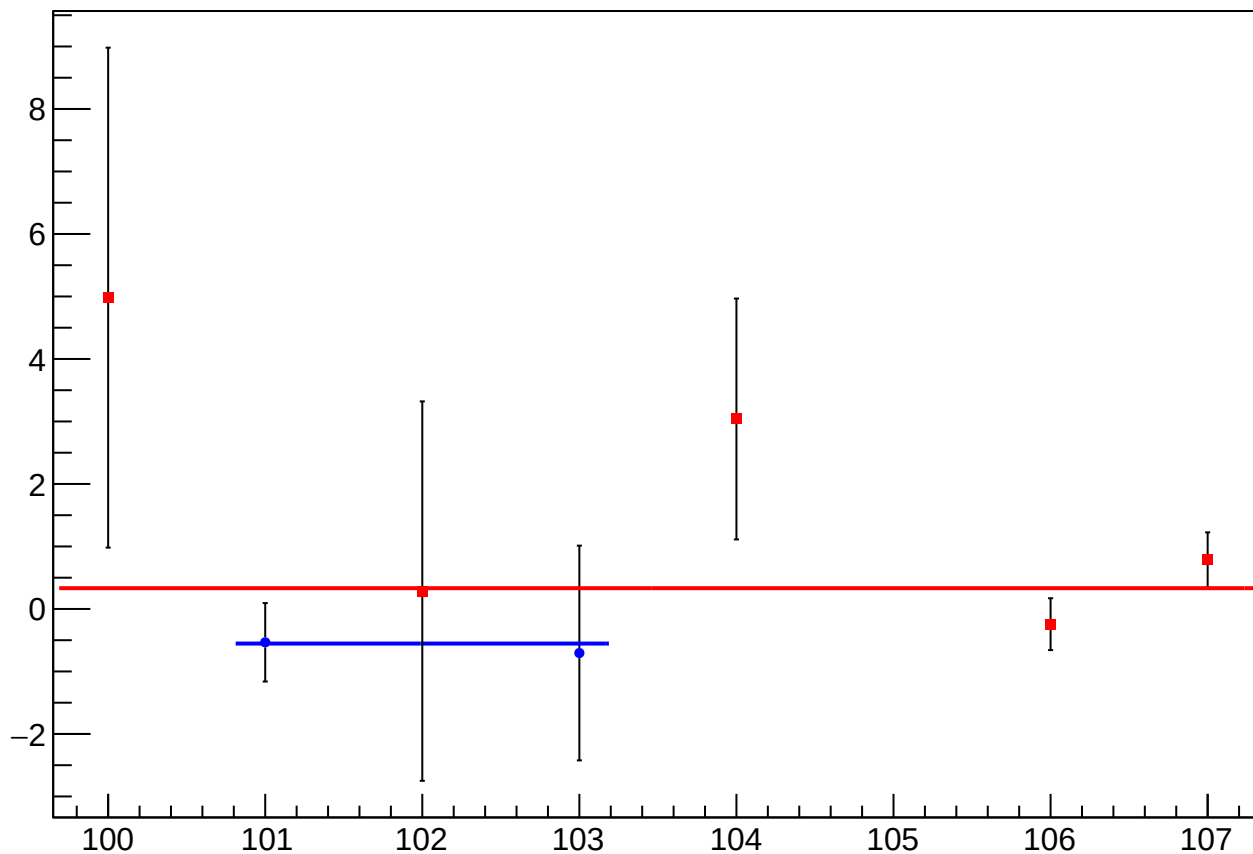
Right: 0.000+/-0.000 χ^2/NDF : 143664.5/6

In: 0.000+/-0.000 χ^2/NDF : 32408.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 143664.5/6

asym_atr2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.554 $\pm$ 0.590 χ^2 /NDF: 0.0/1

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

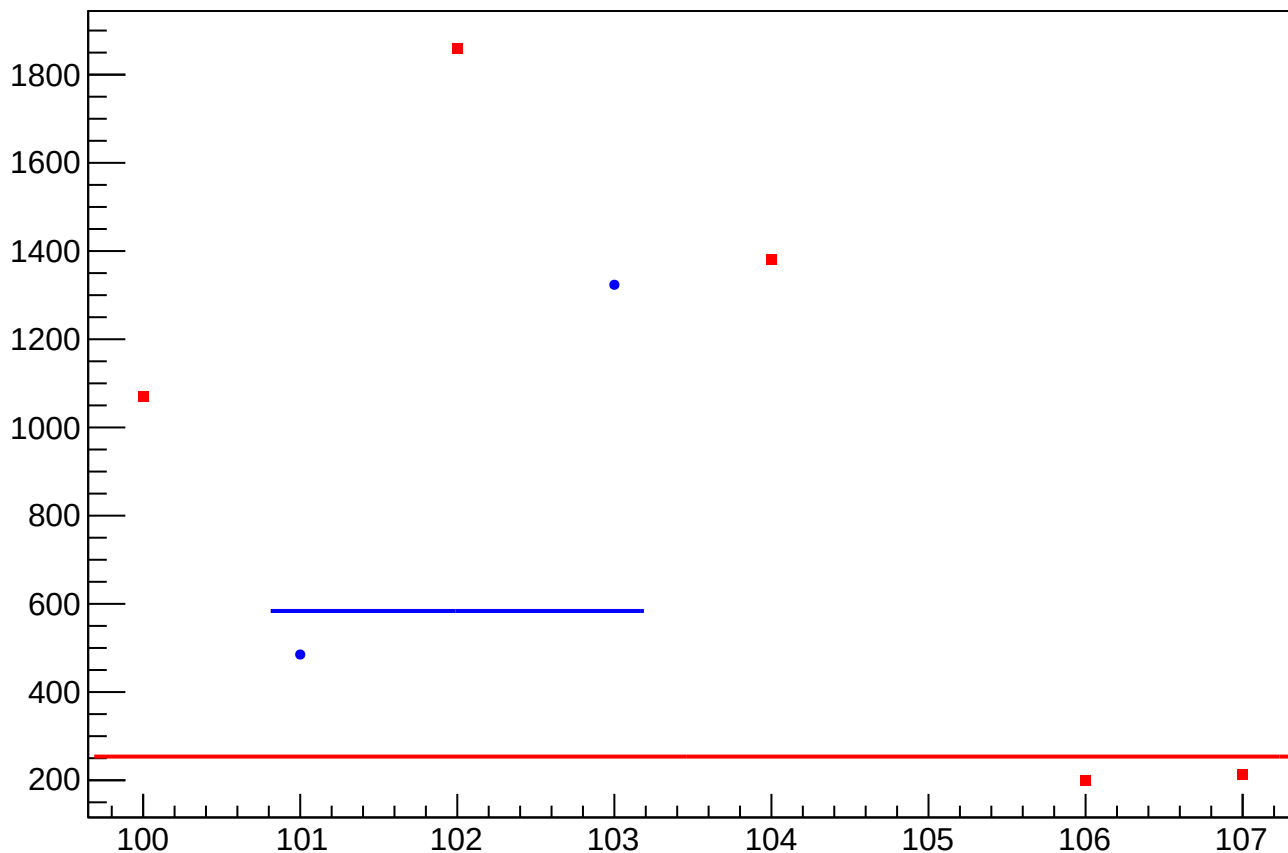
Right: 0.154 $\pm$ 0.265 χ^2 /NDF: 8.1/6

In: -0.554 $\pm$ 0.590 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.154 $\pm$ 0.265 χ^2 /NDF: 8.1/6

asym_atr2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 583.884+/-0.417 χ^2/NDF : 420197.3/1

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

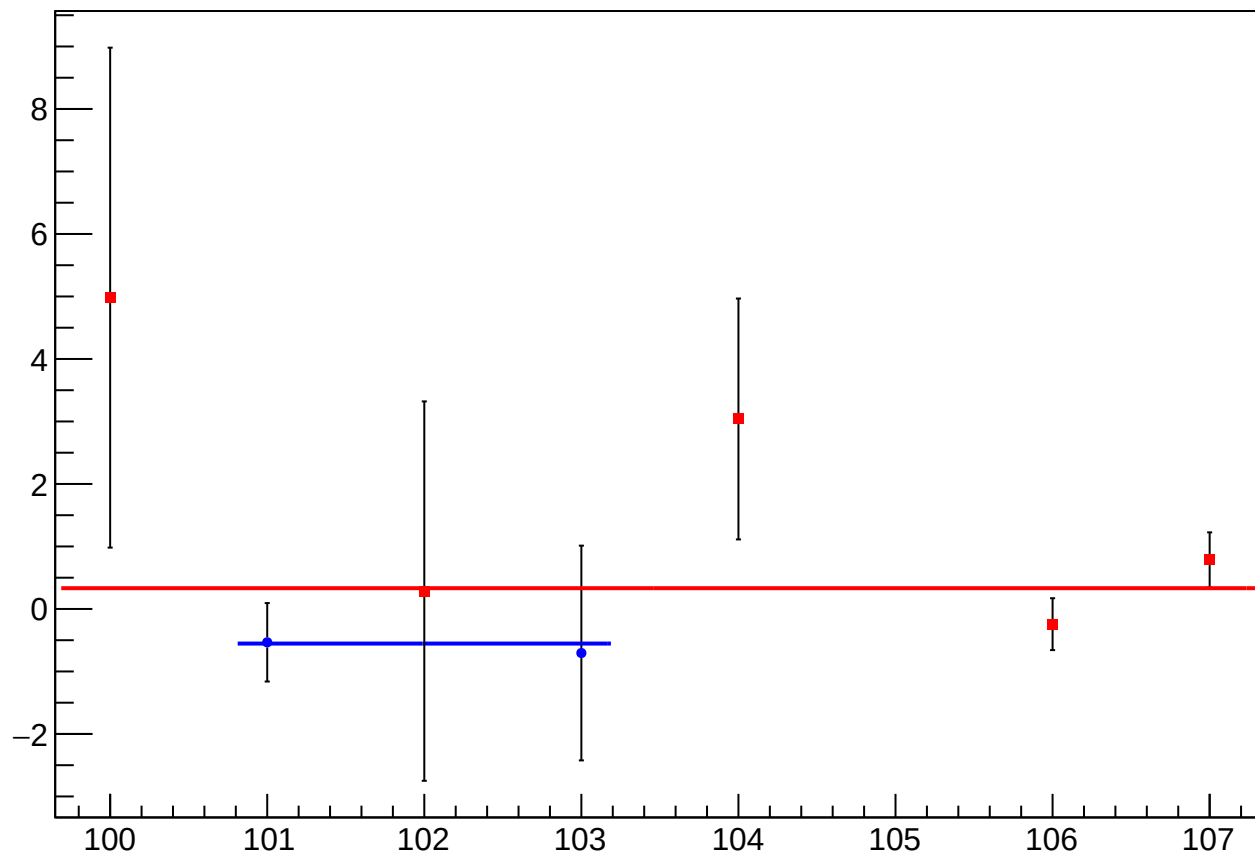
Right: 320.251+/-0.187 χ^2/NDF : 2300376.6/6

In: 583.884+/-0.417 χ^2/NDF : 420197.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 320.251+/-0.187 χ^2/NDF : 2300376.6/6

asym_atr2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.554+/-0.590 χ^2/NDF : 0.0/1

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

Right Out: 0.332+/-0.296 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

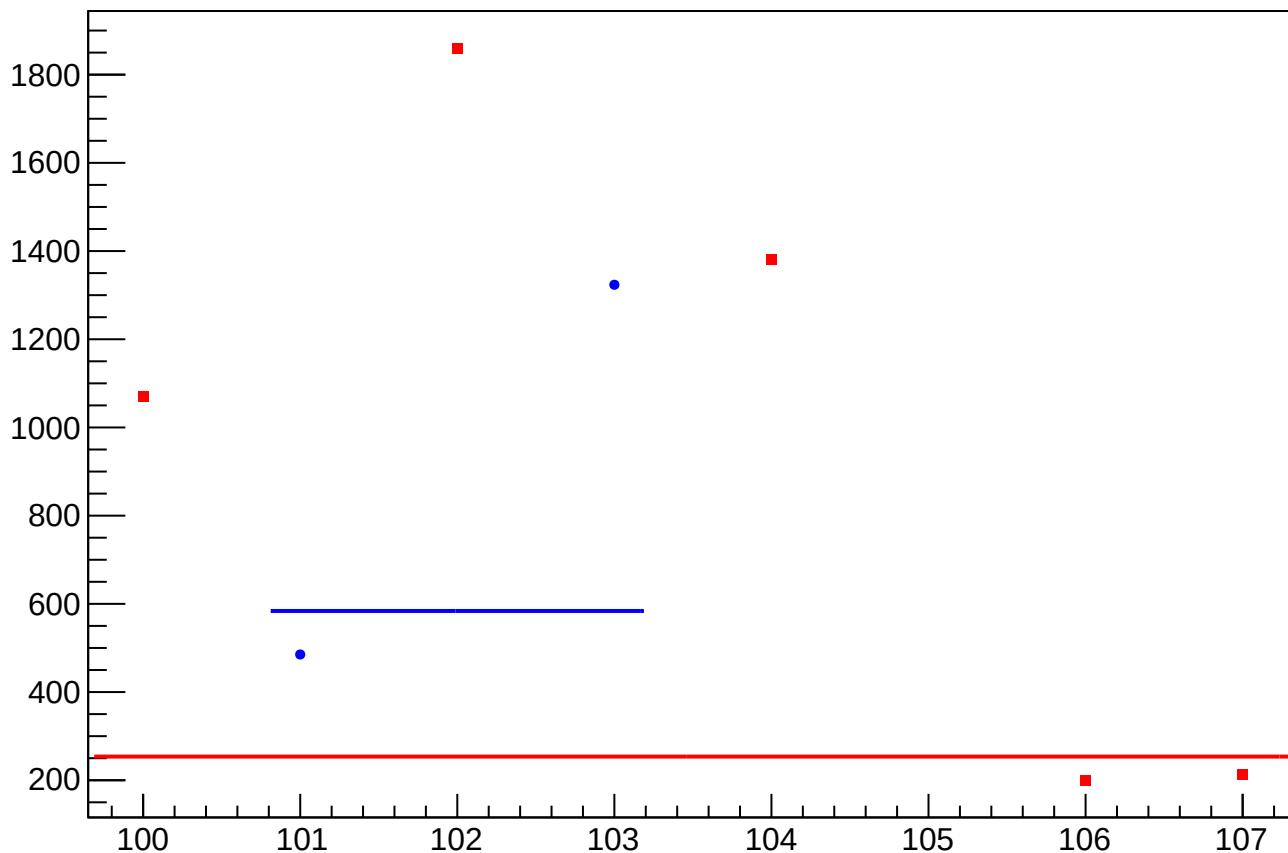
Right: 0.154+/-0.265 χ^2/NDF : 8.1/6

In: -0.554+/-0.590 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.154+/-0.265 χ^2/NDF : 8.1/6

asym_atr2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 583.884+/-0.417 χ^2/NDF : 420197.3/1

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

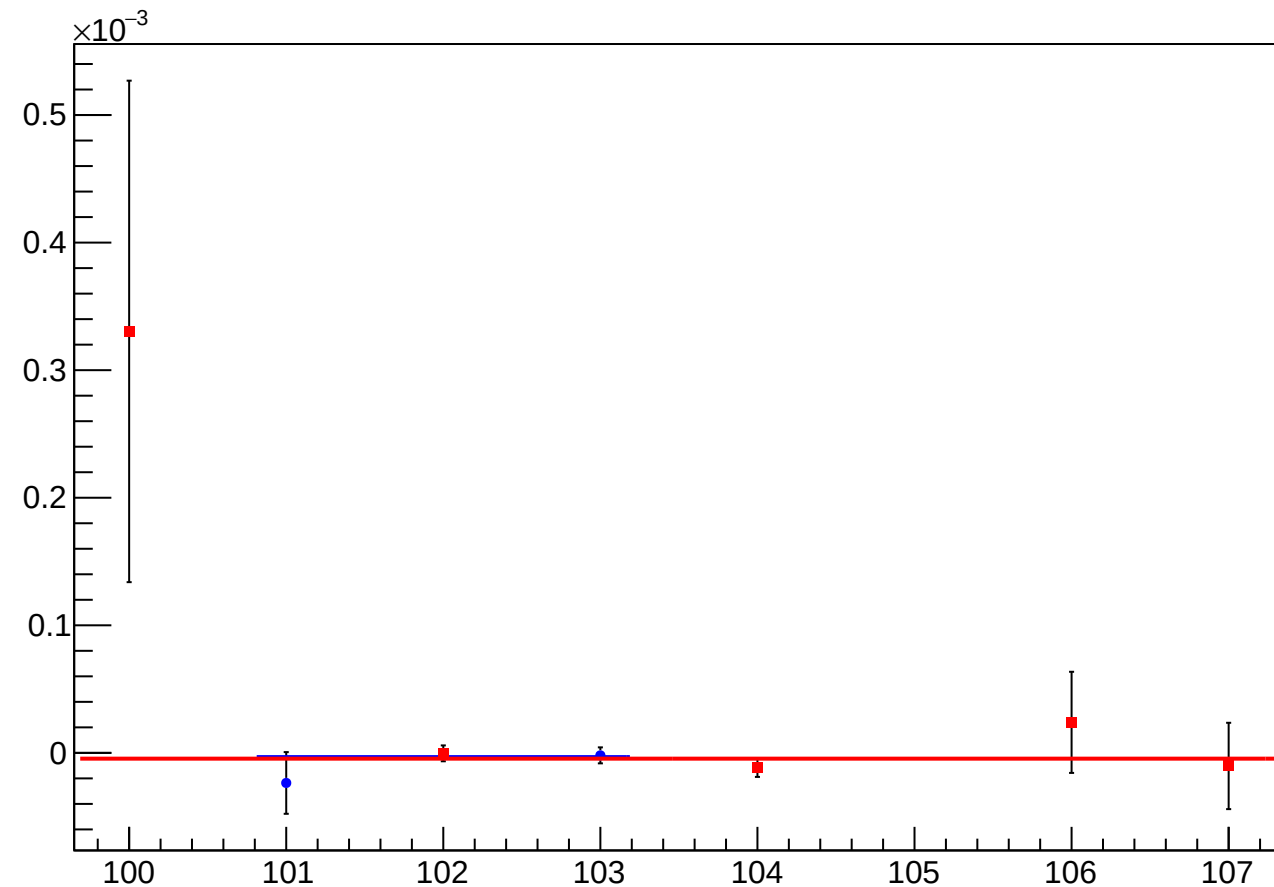
Right: 320.251+/-0.187 χ^2/NDF : 2300376.6/6

In: 583.884+/-0.417 χ^2/NDF : 420197.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 320.251+/-0.187 χ^2/NDF : 2300376.6/6

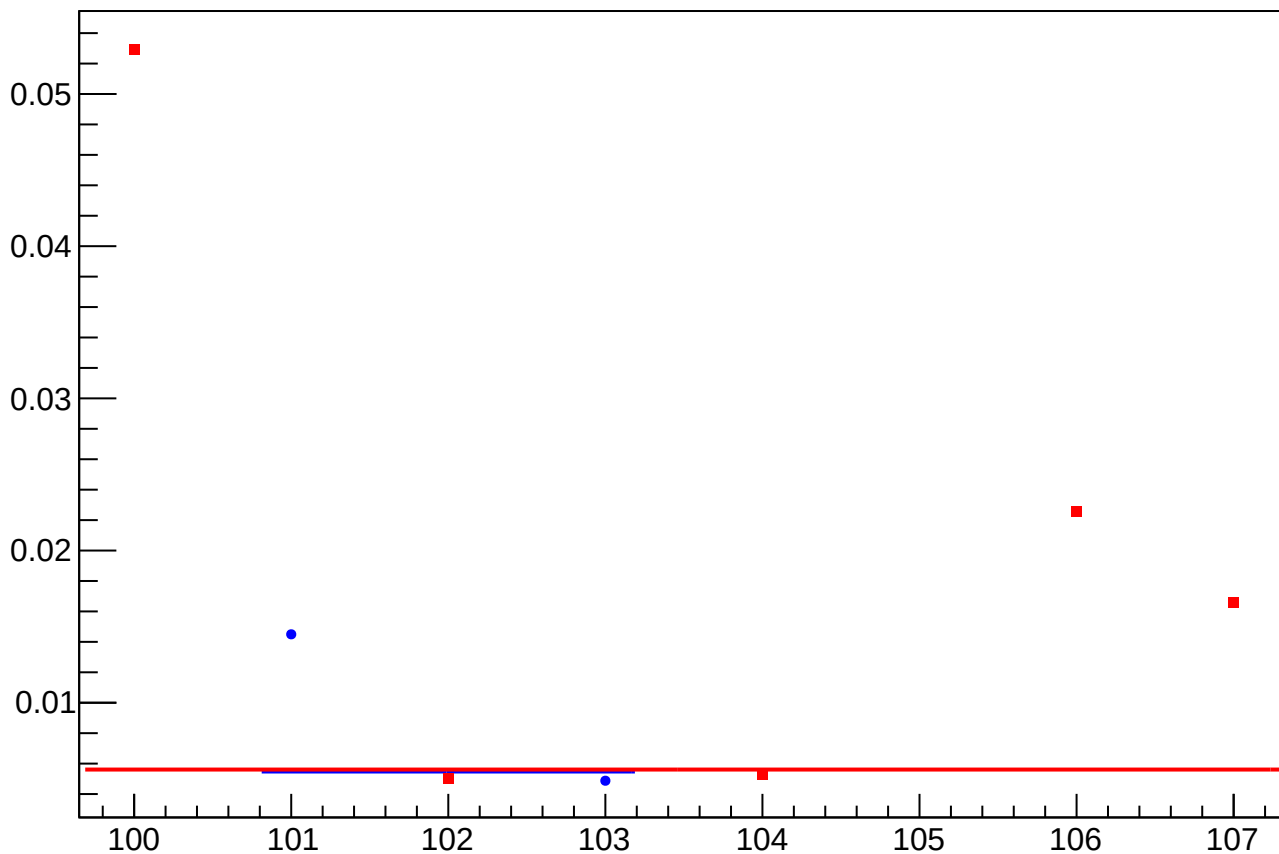
asym_atr2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.7/1
 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 : 5.6/6
 In: -0.000+/-0.000 χ^2/NDF : 0.7/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 5.6/6

asym_atr2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 296744.1/1

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

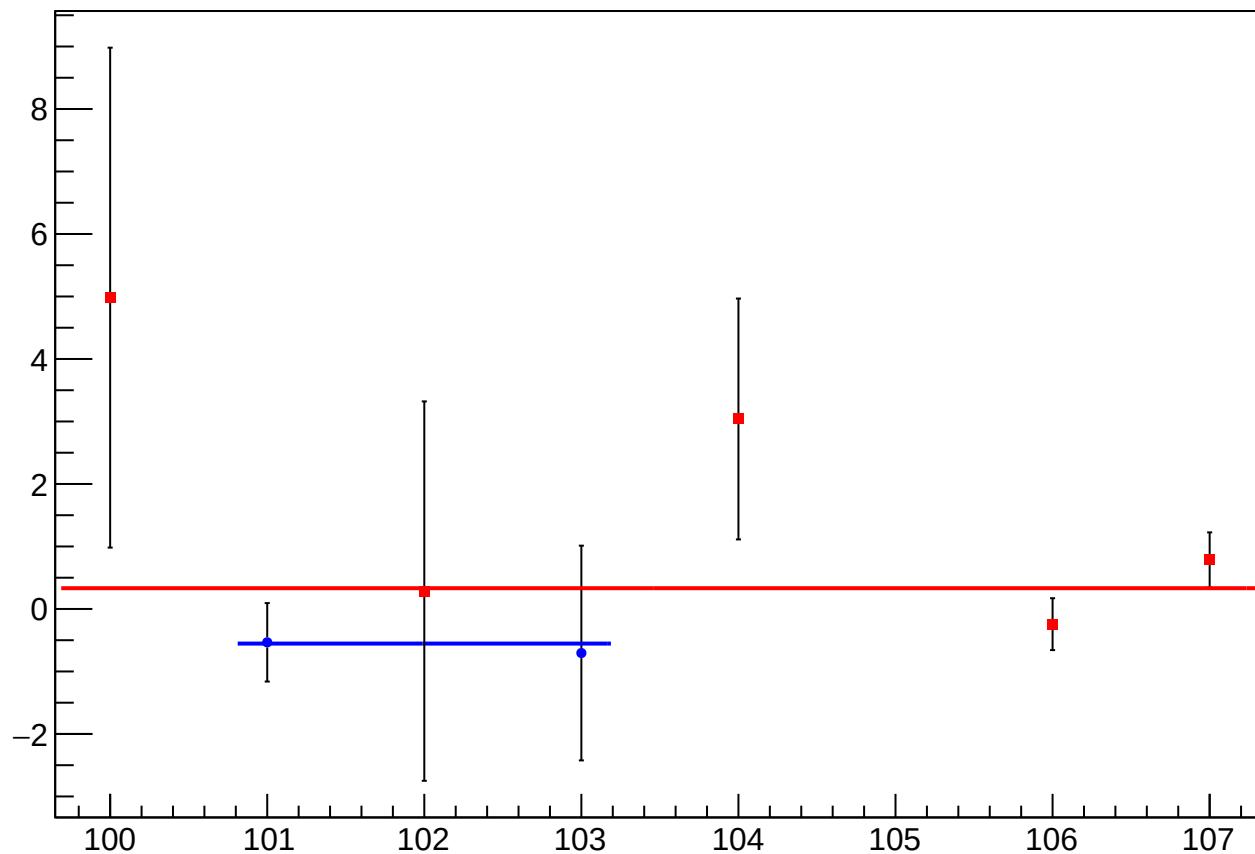
Right: 0.006+/-0.000 χ^2/NDF : 1013127.2/6

In: 0.005+/-0.000 χ^2/NDF : 296744.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1013127.2/6

asym_atr2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.554+/-0.590 χ^2/NDF : 0.0/1

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

Right Out: 0.332+/-0.296 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

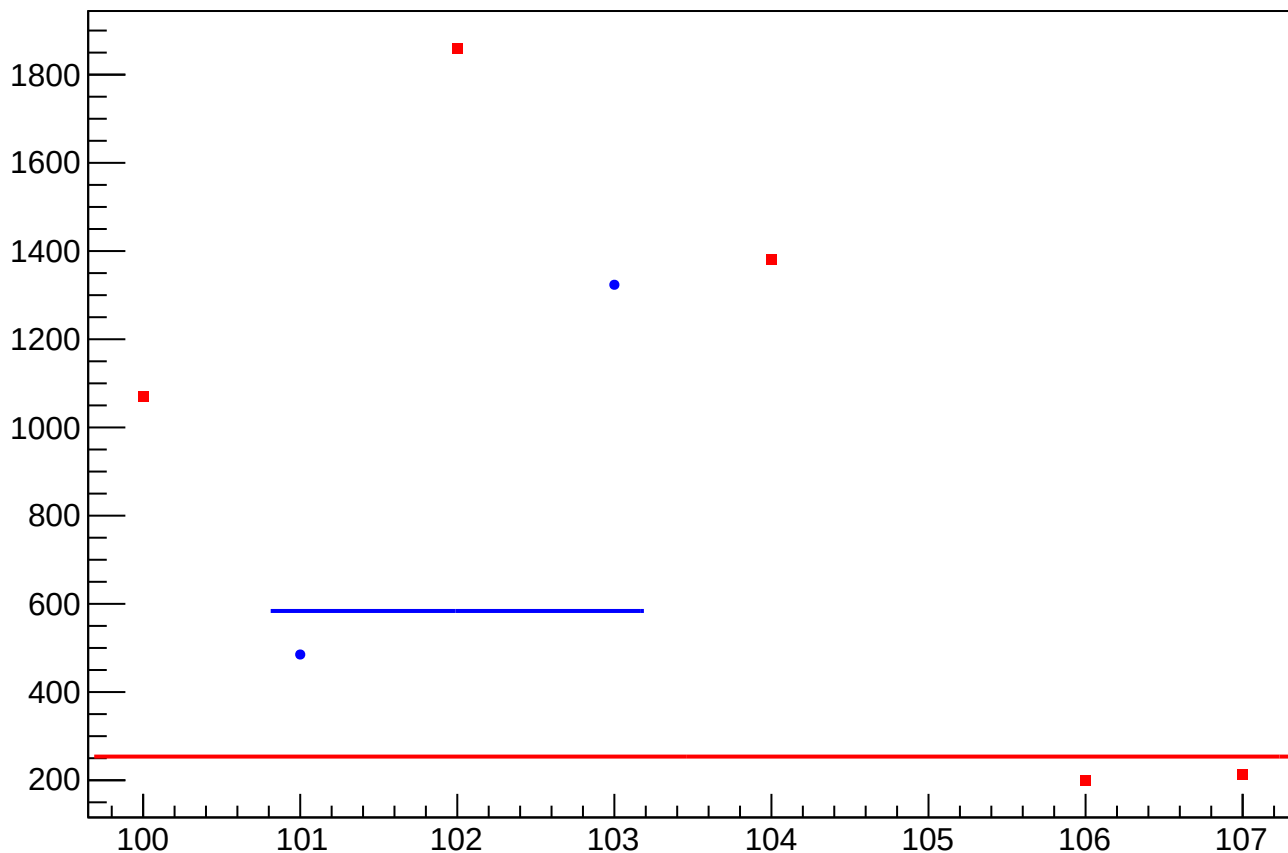
Right: 0.154+/-0.265 χ^2/NDF : 8.1/6

In: -0.554+/-0.590 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.154+/-0.265 χ^2/NDF : 8.1/6

asym_atr2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 583.882+/-0.417 χ^2/NDF : 420199.2/1

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

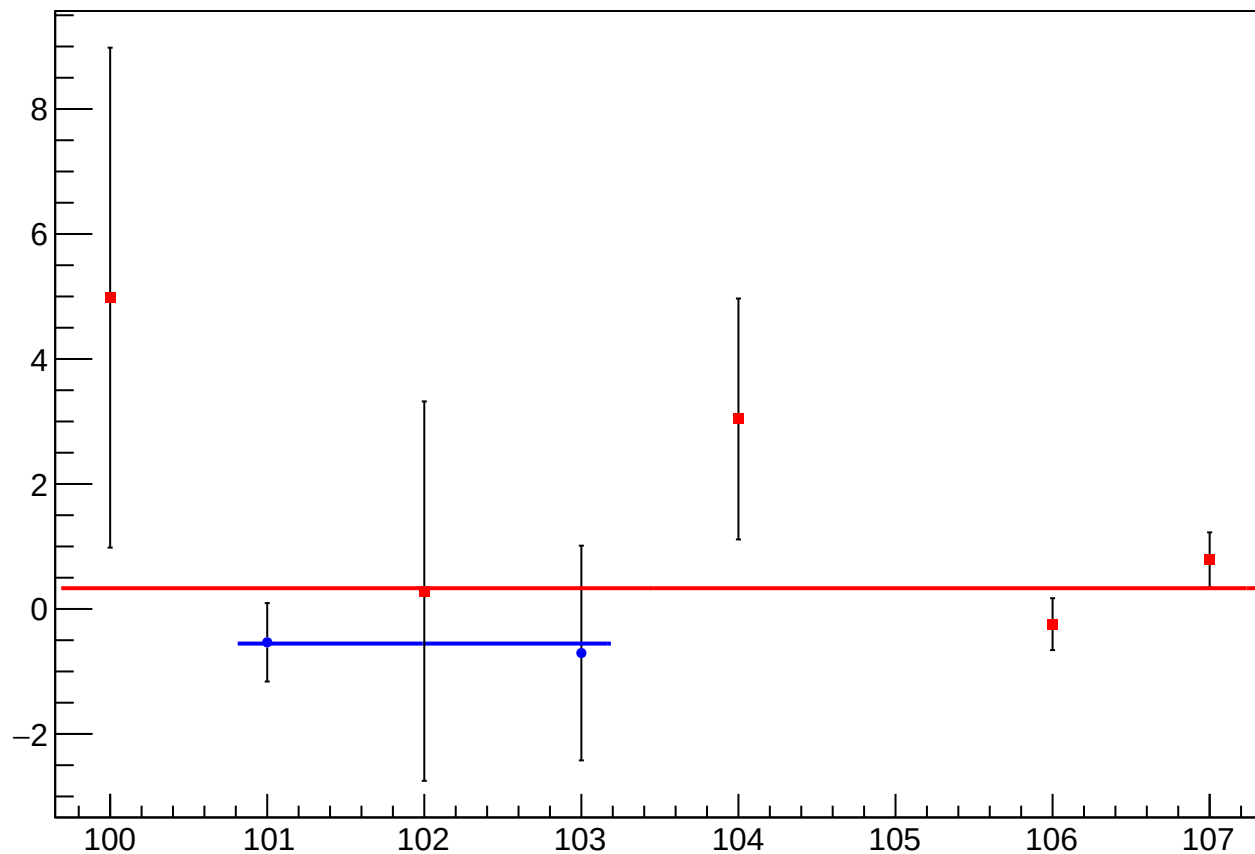
Right: 320.250+/-0.187 χ^2/NDF : 2300380.1/6

In: 583.882+/-0.417 χ^2/NDF : 420199.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 320.250+/-0.187 χ^2/NDF : 2300380.1/6

asym_atr2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.554 $\pm$ 0.590 χ^2 /NDF: 0.0/1

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

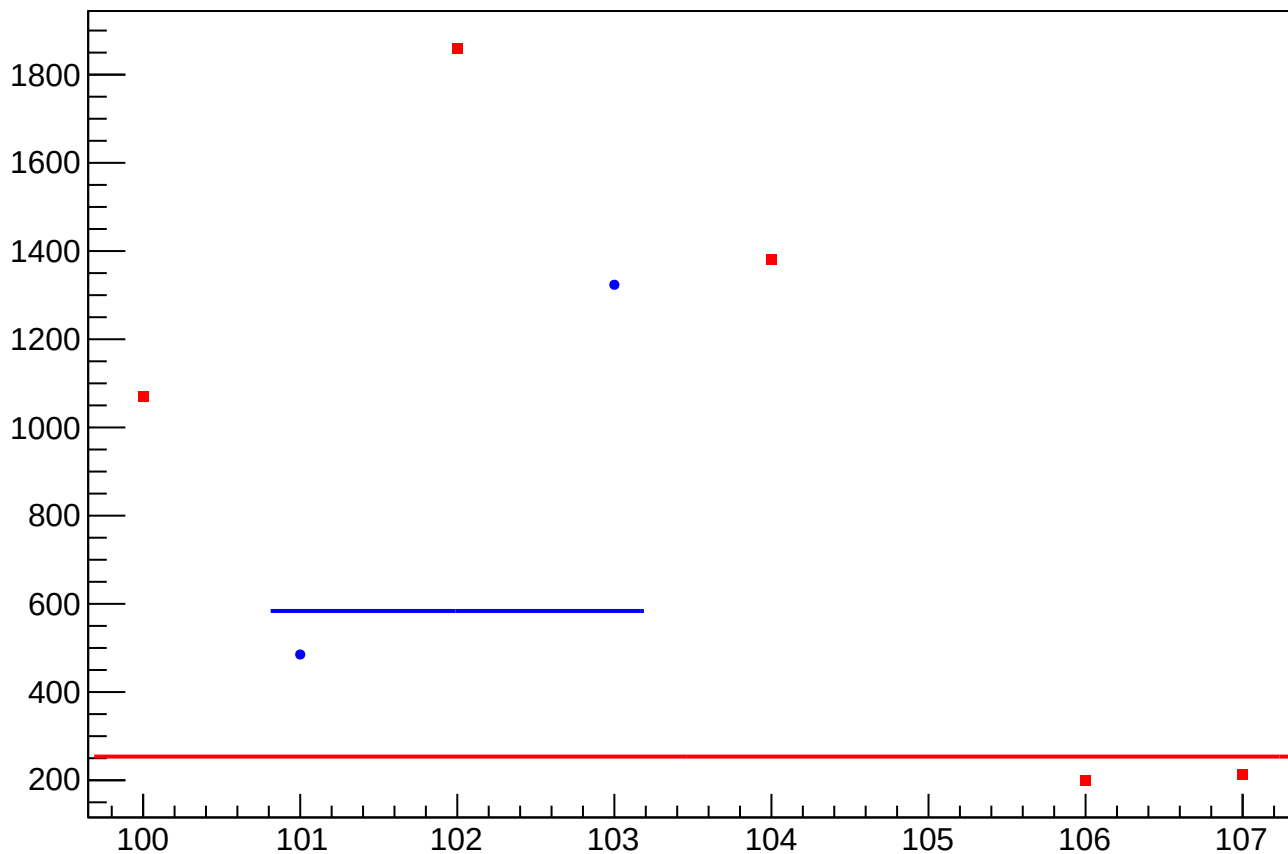
Right: 0.154 $\pm$ 0.265 χ^2 /NDF: 8.1/6

In: -0.554 $\pm$ 0.590 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.154 $\pm$ 0.265 χ^2 /NDF: 8.1/6

asym_atr2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 583.882 $\pm$ 0.417 χ^2 /NDF: 420199.2/1

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

Right Out: 253.691 $\pm$ 0.209 χ^2 /NDF: 1379349.1/4

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

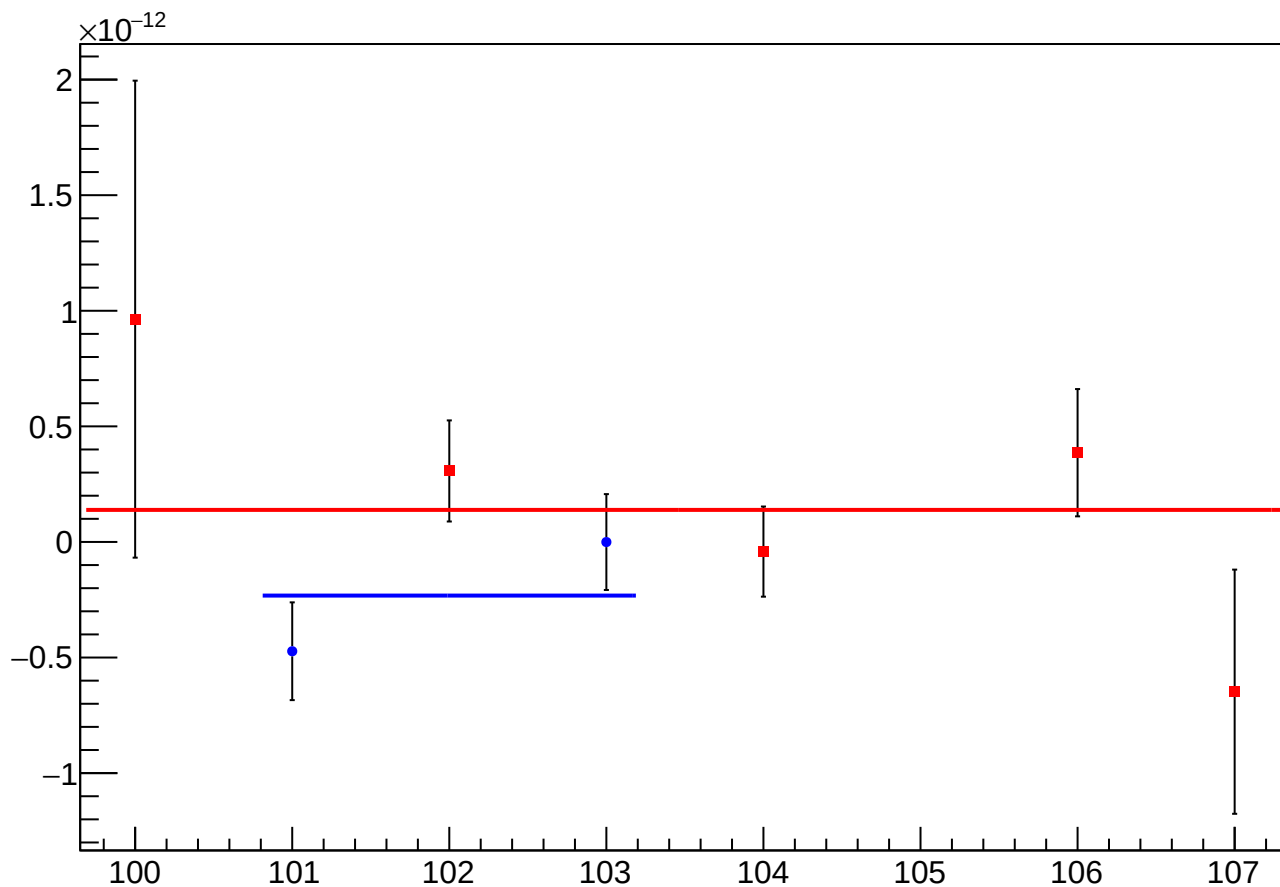
Right: 320.250 $\pm$ 0.187 χ^2 /NDF: 2300380.1/6

In: 583.882 $\pm$ 0.417 χ^2 /NDF:420199.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 320.250 $\pm$ 0.187 χ^2 /NDF: 2300380.1/6

asym_atr2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 2.5/1

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

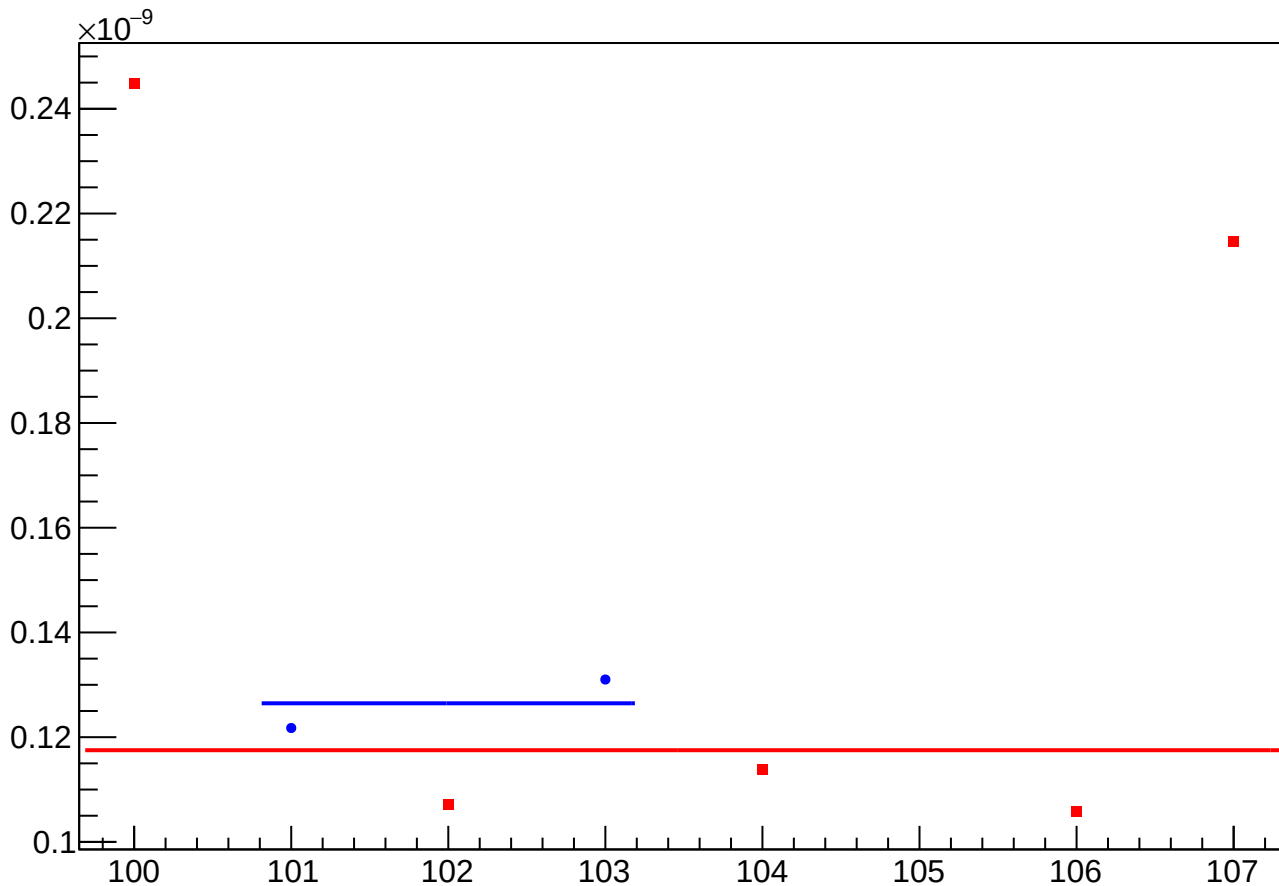
Right: -0.000+/-0.000 χ^2 /NDF: 11.3/6

In: -0.000+/-0.000 χ^2 /NDF:2.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 11.3/6

asym_atr2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1955.7/1

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

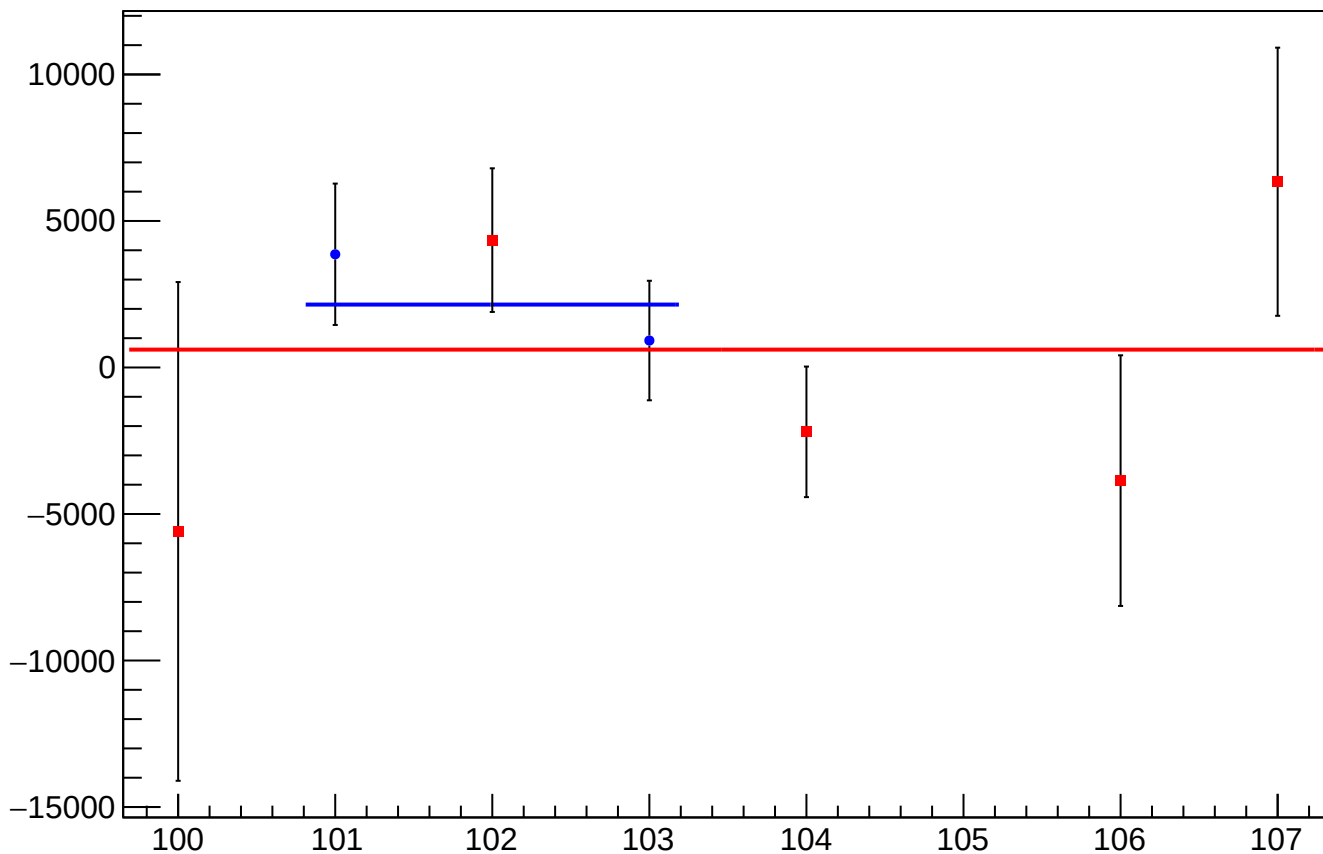
Right: 0.000+/-0.000 χ^2/NDF : 113339.4/6

In: 0.000+/-0.000 χ^2/NDF : 1955.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 113339.4/6

reg_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2146.792+/-1557.478 χ^2/NDF : 0.9/1

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

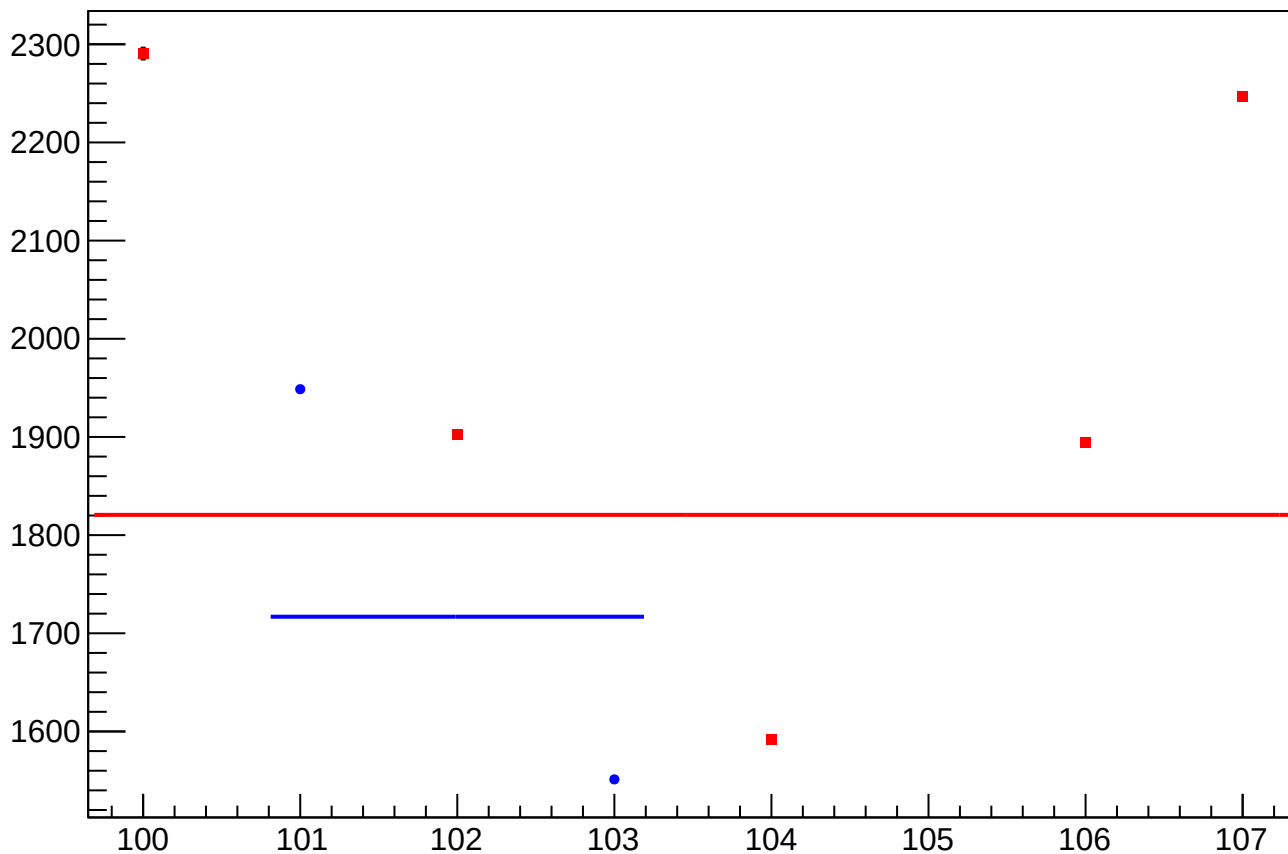
Right: 1316.804+/-1056.188 χ^2/NDF : 8.5/6

In: 2146.792+/-1557.478 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1316.804+/-1056.188 χ^2/NDF : 8.5/6

reg_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1716.875+/-1.101 χ^2/NDF : 31665.2/1

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

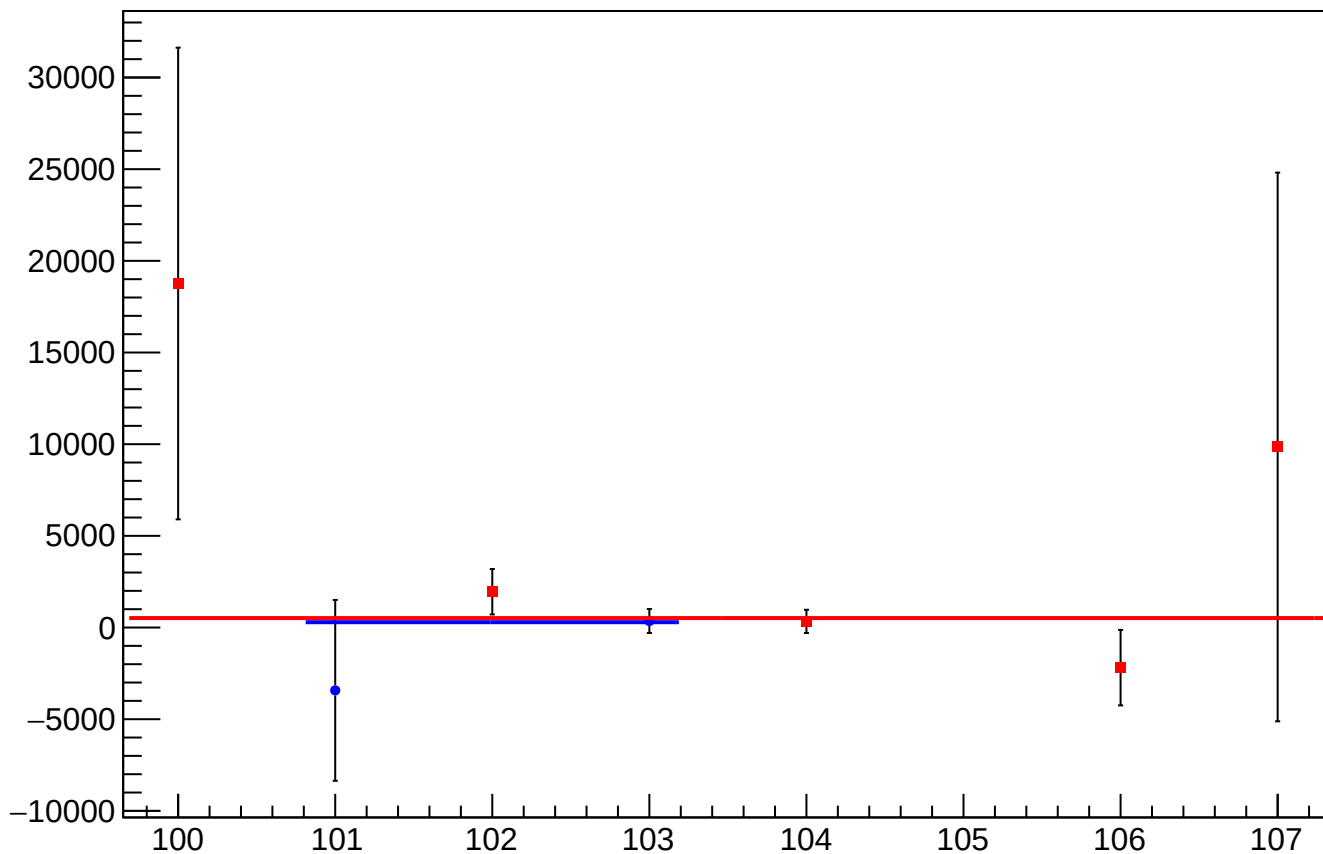
Right: 1774.117+/-0.737 χ^2/NDF : 84212.0/6

In: 1716.875+/-1.101 χ^2/NDF : 31665.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1774.117+/-0.737 χ^2/NDF : 84212.0/6

asym_atl_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 290.621+/-648.312 χ^2/NDF : 0.6/1

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

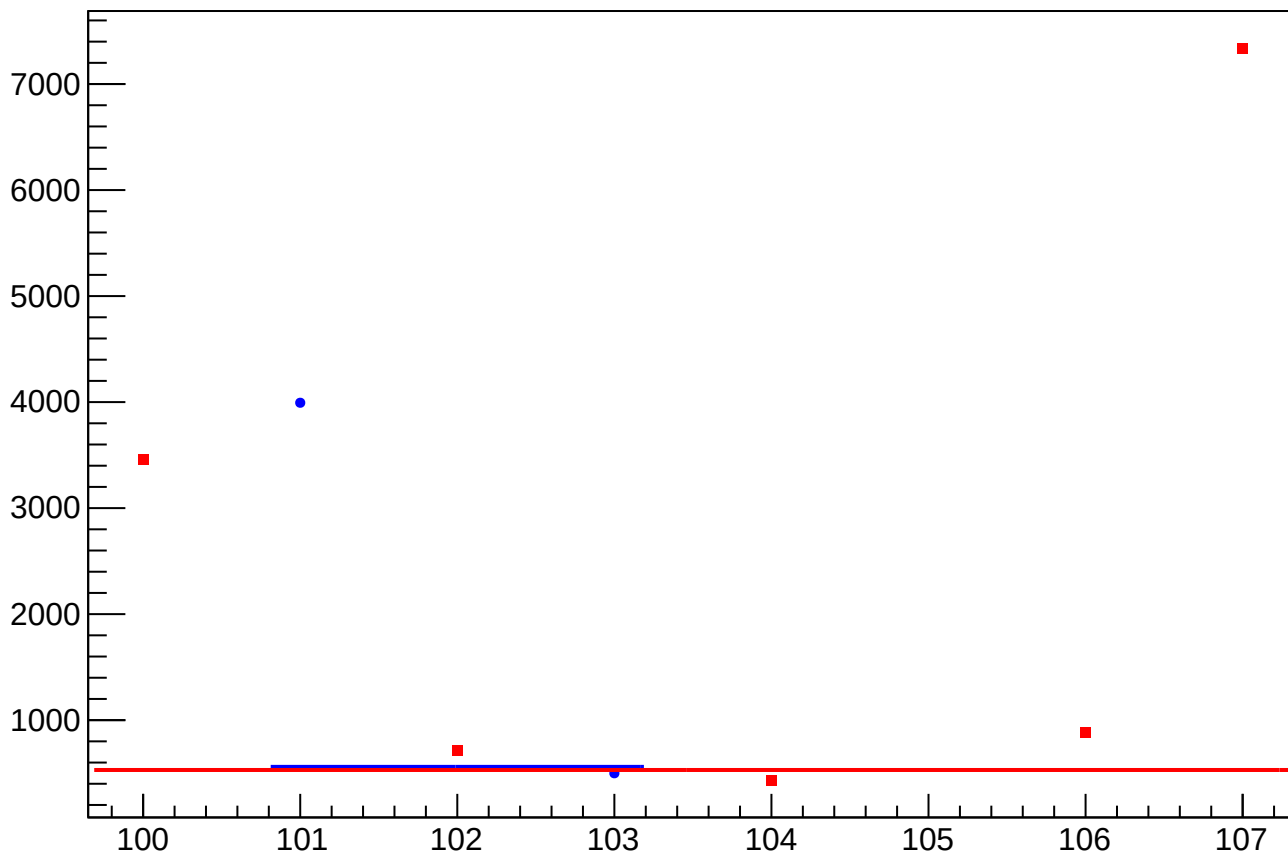
Right: 422.809+/-416.516 χ^2/NDF : 6.2/6

In: 290.621+/-648.312 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 422.809+/-416.516 χ^2/NDF : 6.2/6

asym_atl_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 559.313+/-0.458 χ^2/NDF : 986957.9/1

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

Right Out: 529.959+/-0.384 χ^2/NDF : 672377.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

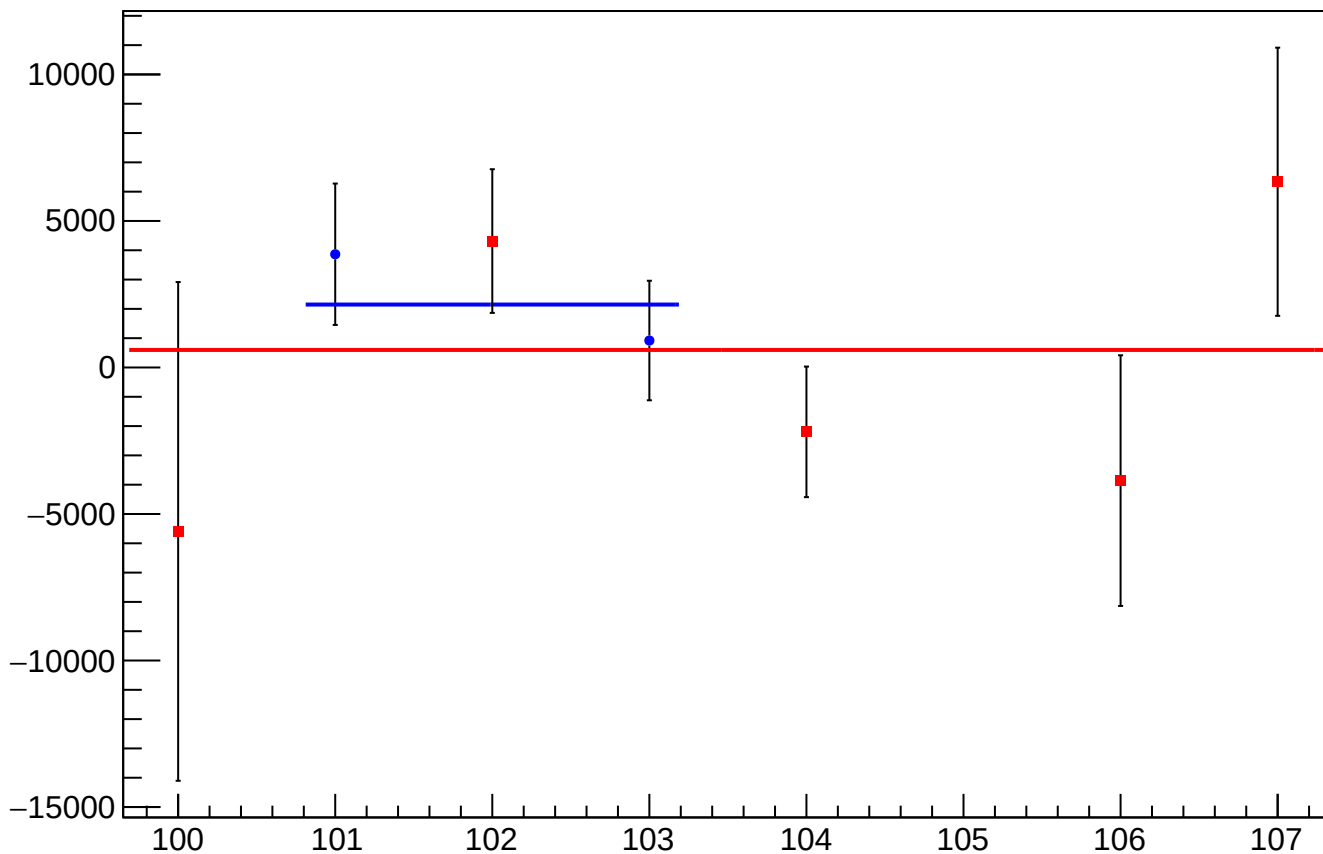
Right: 542.075+/-0.295 χ^2/NDF : 1661742.5/6

In: 559.313+/-0.458 χ^2/NDF : 986957.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 542.075+/-0.295 χ^2/NDF : 1661742.5/6

cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2147.442+/-1557.478 χ^2 /NDF: 0.9/1

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

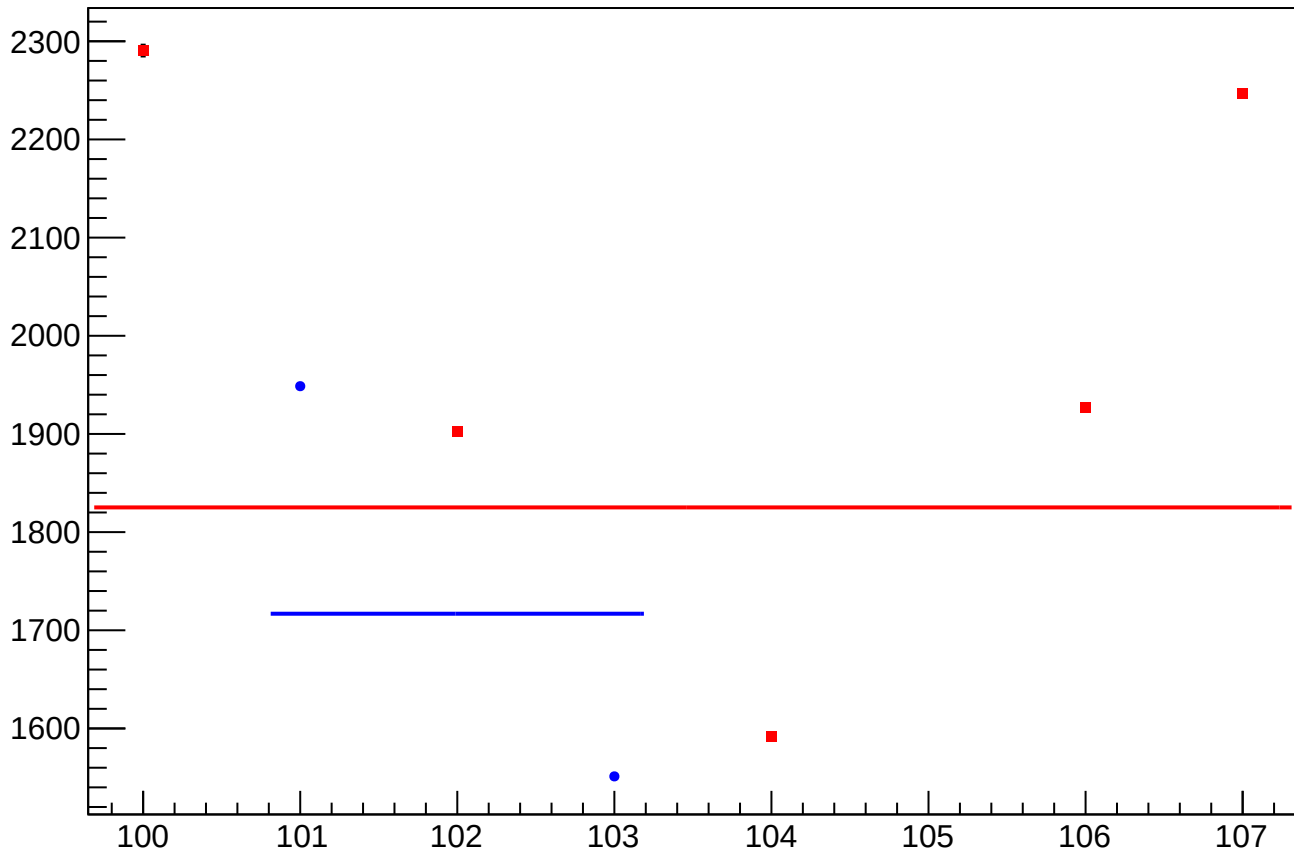
Right: 1310.926+/-1056.211 χ^2 /NDF: 8.5/6

In: 2147.442+/-1557.478 χ^2 /NDF:0.9/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1310.926+/-1056.211 χ^2 /NDF: 8.5/6

cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1716.874 ± 1.101 χ^2/NDF : 31665.4/1

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

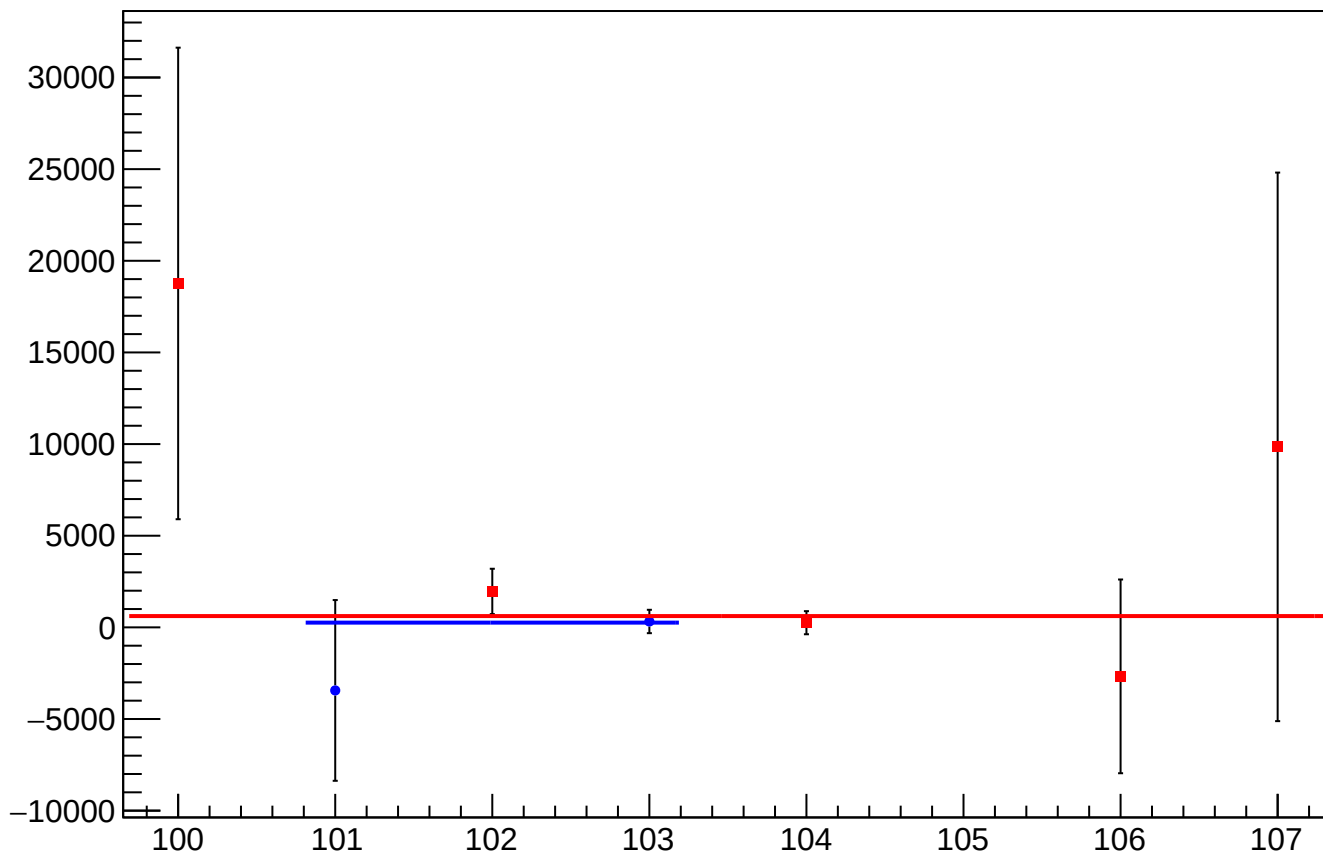
Right: 1776.488 ± 0.738 χ^2/NDF : 85477.8/6

In: 1716.874 ± 1.101 χ^2/NDF : 31665.4/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1776.488 ± 0.738 χ^2/NDF : 85477.8/6

asym_atl_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 258.730+/-632.289 χ^2/NDF : 0.6/1

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

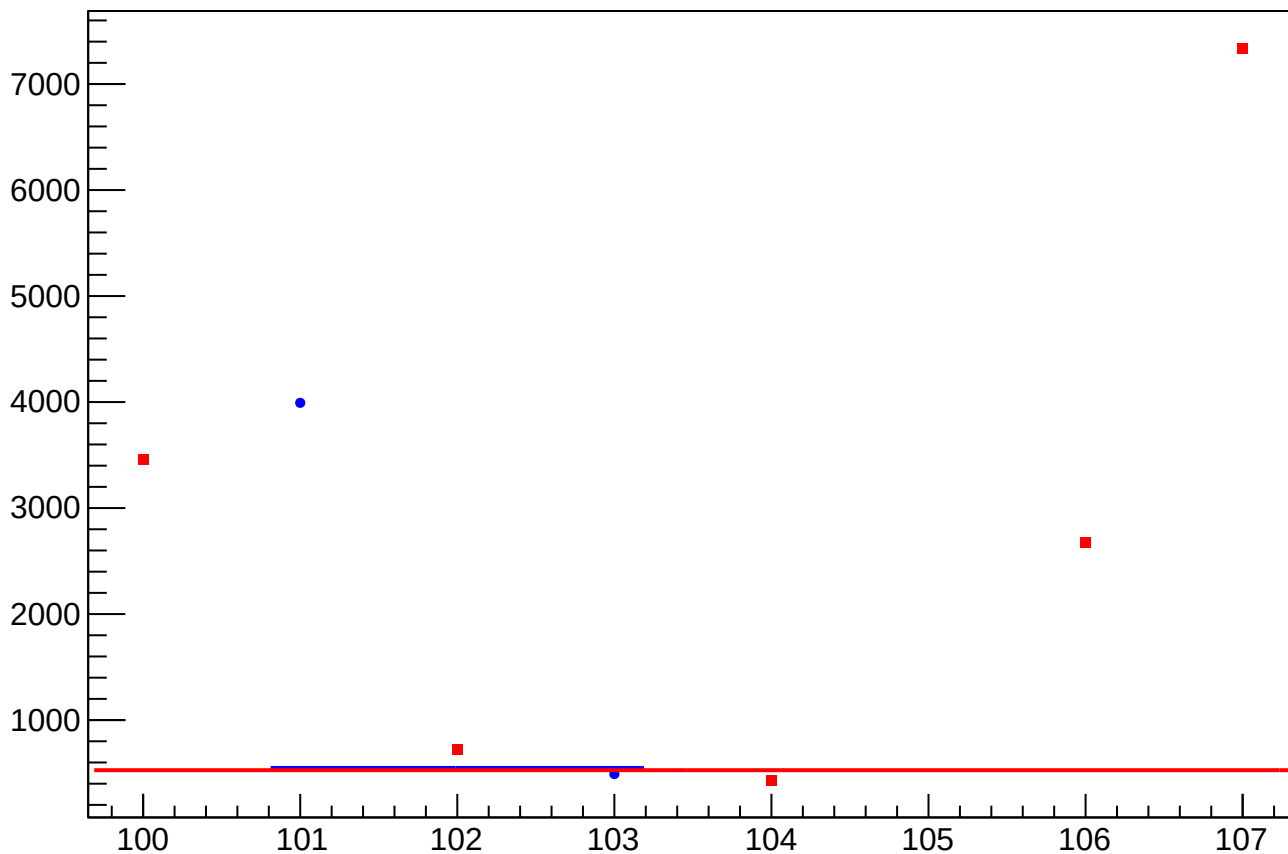
Right: 459.878+/-418.071 χ^2/NDF : 5.0/6

In: 258.730+/-632.289 χ^2/NDF :0.6/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 459.878+/-418.071 χ^2/NDF : 5.0/6

asym_atl_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 548.362+/-0.447 χ^2/NDF : 992328.2/1

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

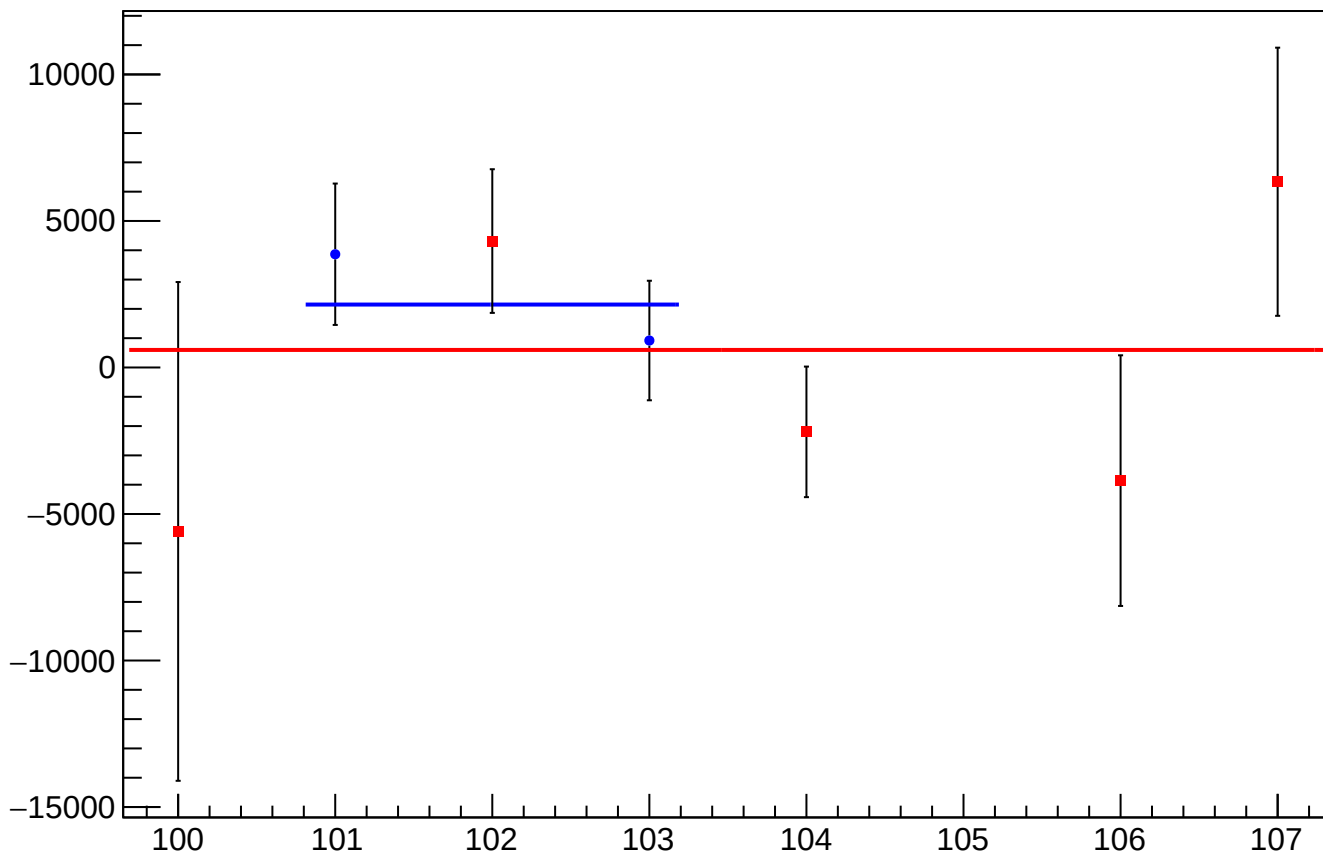
Right: 536.516+/-0.296 χ^2/NDF : 1939528.6/6

In: 548.362+/-0.447 χ^2/NDF : 992328.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 536.516+/-0.296 χ^2/NDF : 1939528.6/6

eigen_cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2147.442+/-1557.478 χ^2/NDF : 0.9/1

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

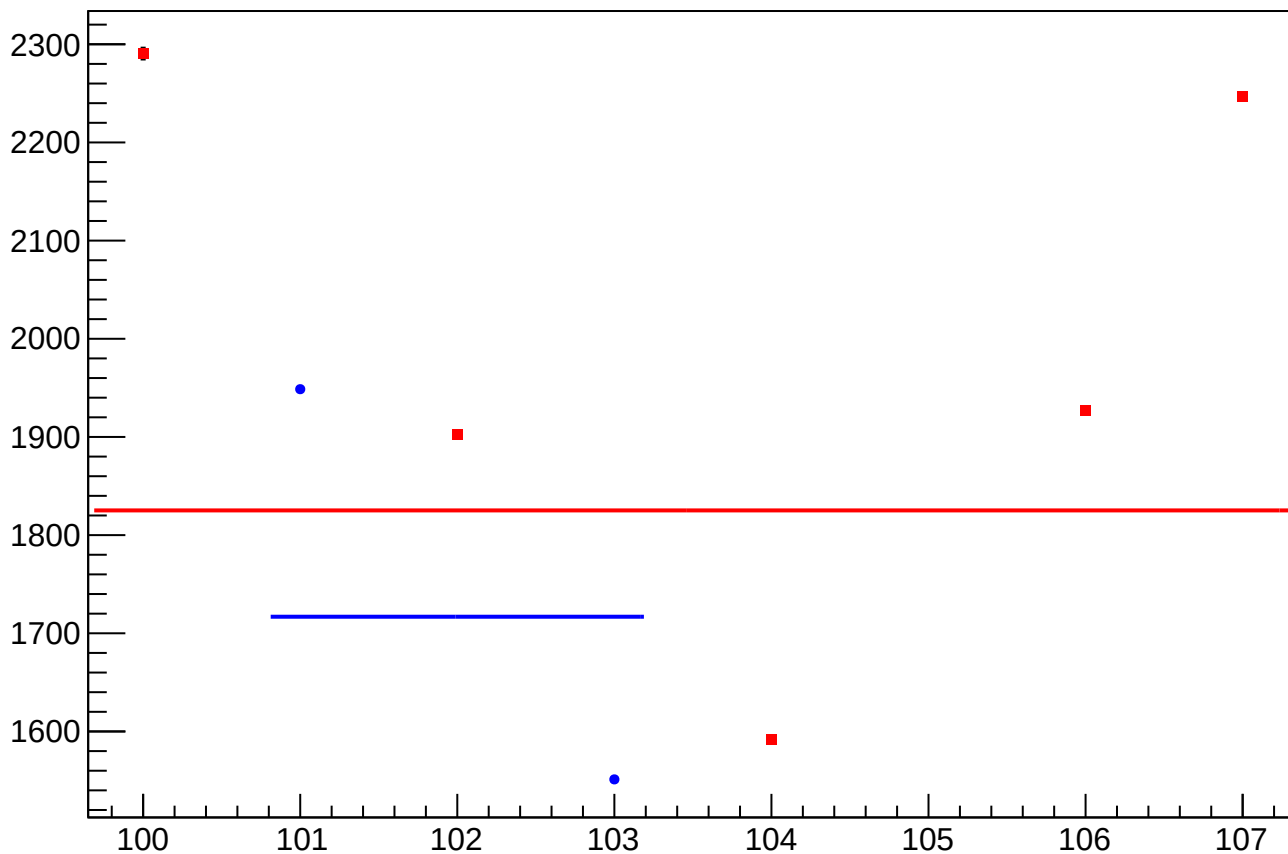
Right: 1310.926+/-1056.211 χ^2/NDF : 8.5/6

In: 2147.442+/-1557.478 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1310.926+/-1056.211 χ^2/NDF : 8.5/6

eigen_cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1716.874+/-1.101 χ^2/NDF : 31665.4/1

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

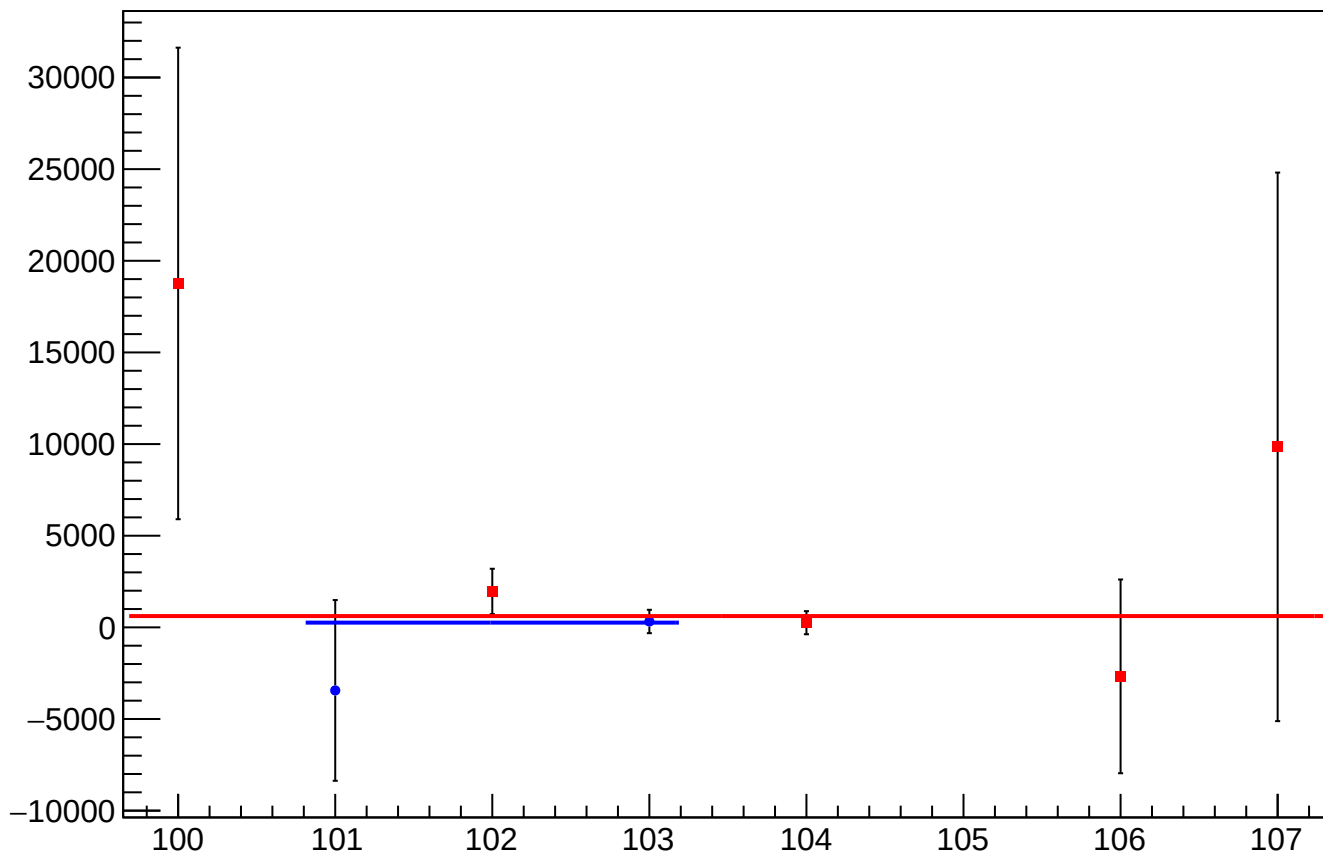
Right: 1776.488+/-0.738 χ^2/NDF : 85477.8/6

In: 1716.874+/-1.101 χ^2/NDF : 31665.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1776.488+/-0.738 χ^2/NDF : 85477.8/6

asym_atl_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 258.730+/-632.289 χ^2/NDF : 0.6/1

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

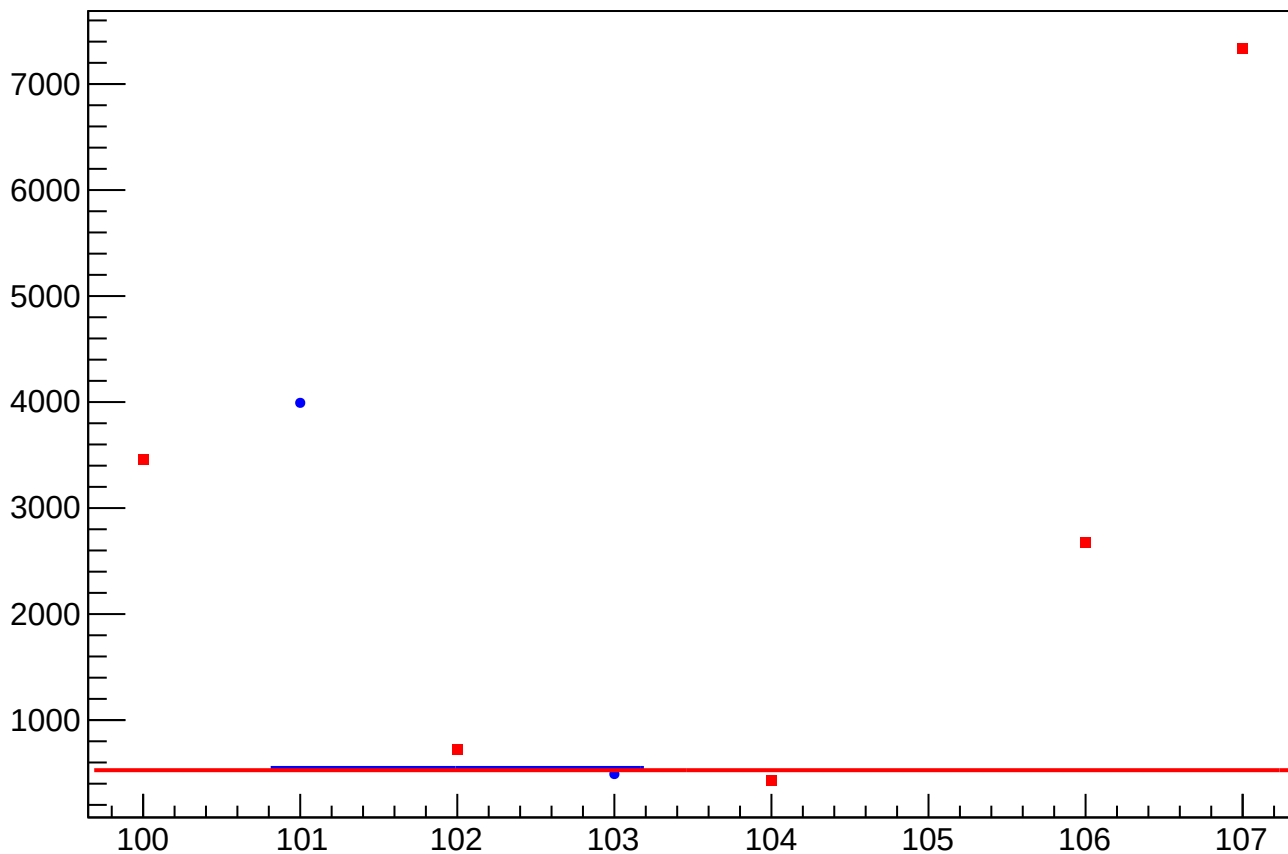
Right: 459.878+/-418.071 χ^2/NDF : 5.0/6

In: 258.730+/-632.289 χ^2/NDF :0.6/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 459.878+/-418.071 χ^2/NDF : 5.0/6

asym_atl_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 548.362+/-0.447 χ^2/NDF : 992328.2/1

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

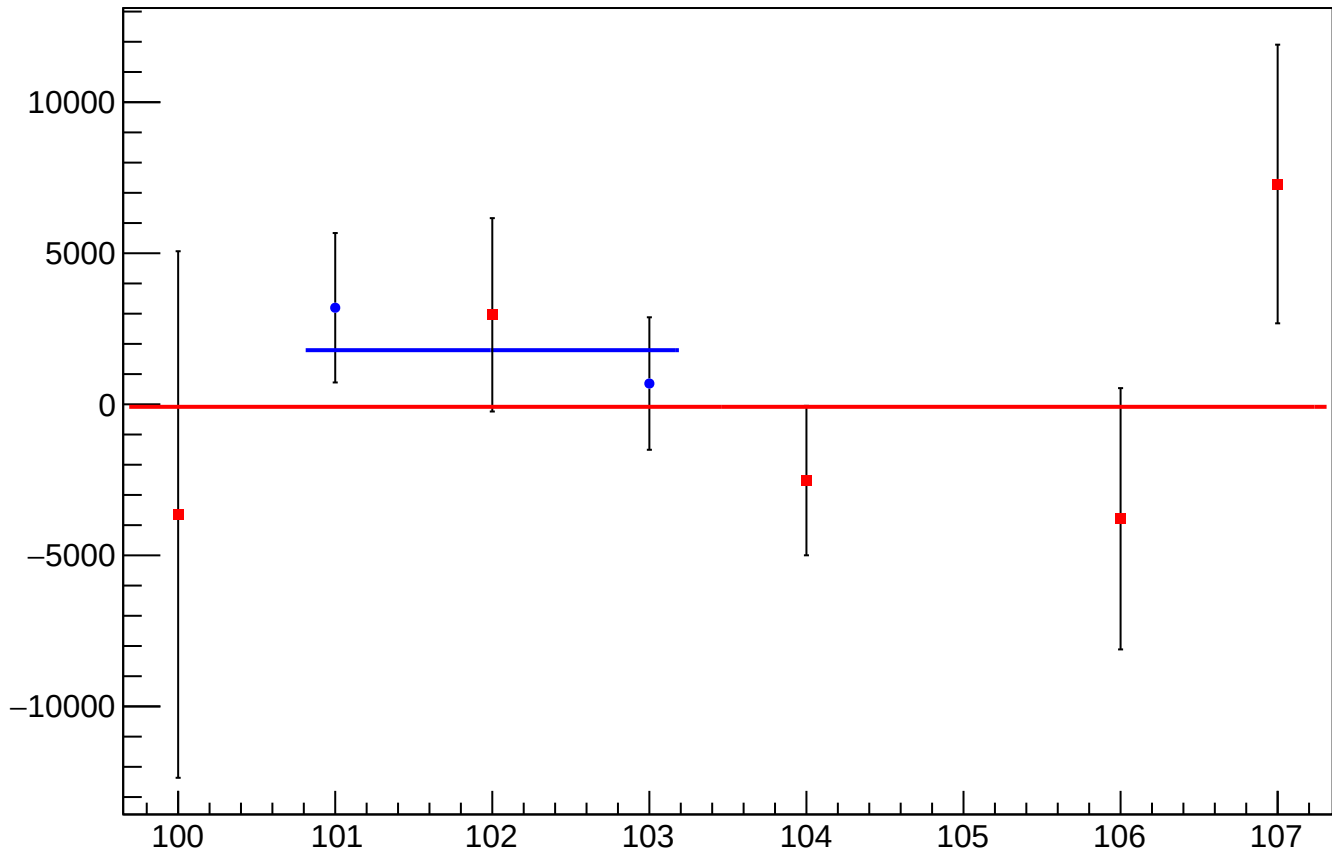
Right: 536.516+/-0.296 χ^2/NDF : 1939528.6/6

In: 548.362+/-0.447 χ^2/NDF : 992328.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 536.516+/-0.296 χ^2/NDF : 1939528.6/6

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1791.740+/-1640.761 χ^2/NDF : 0.6/1

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

Right Out: -83.231+/-1633.572 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

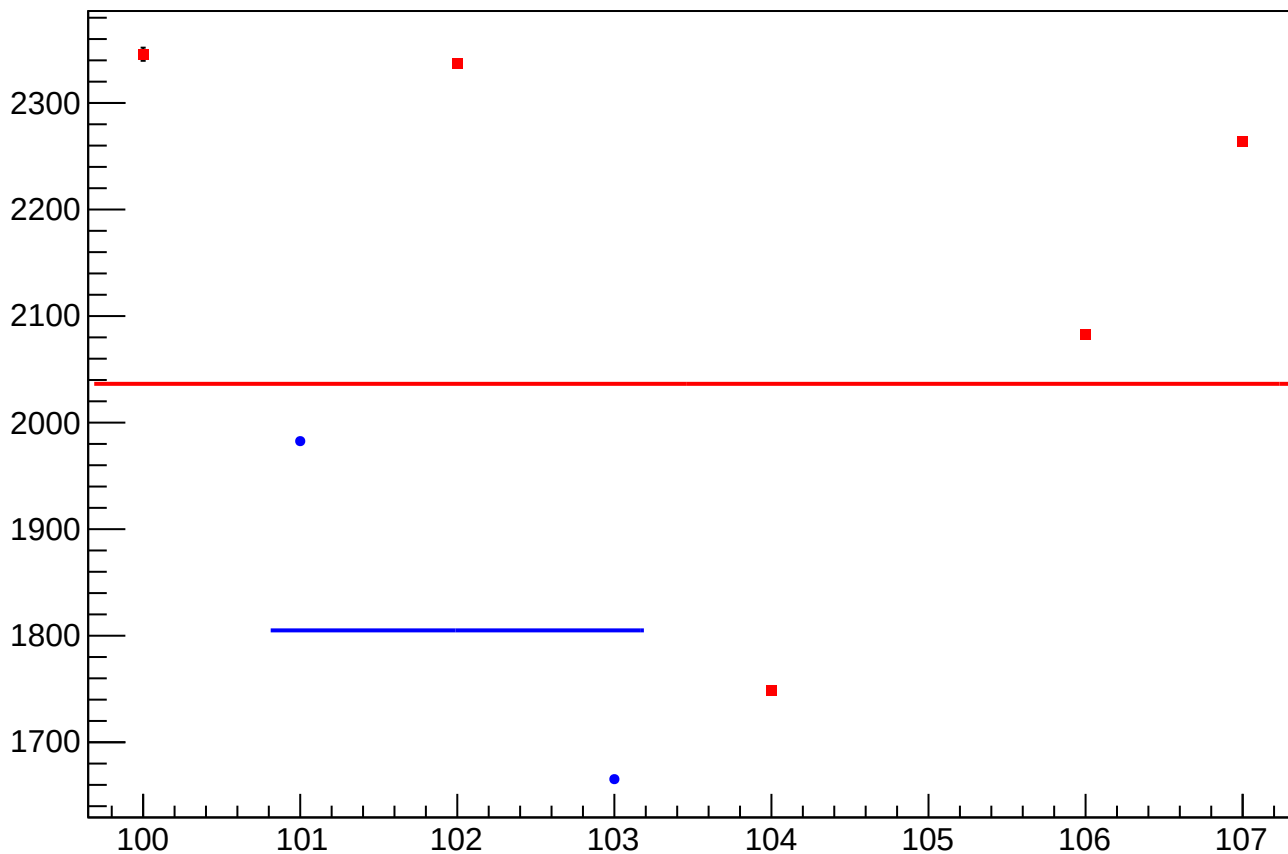
Right: 850.138+/-1157.643 χ^2/NDF : 6.6/6

In: 1791.740+/-1640.761 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 850.138+/-1157.643 χ^2/NDF : 6.6/6

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1805.003+/-1.160 χ^2/NDF : 18424.5/1

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

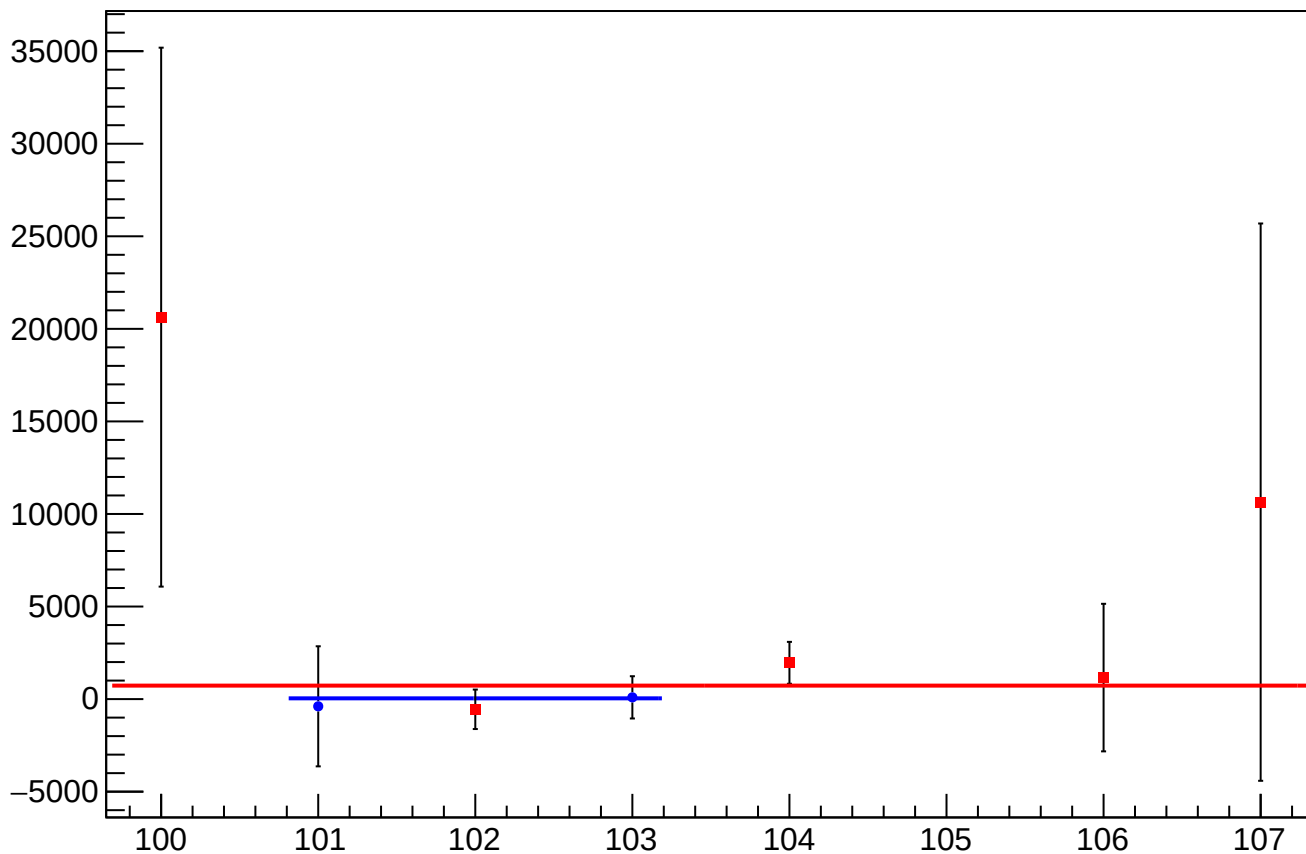
Right: 1922.798+/-0.813 χ^2/NDF : 91048.2/6

In: 1805.003+/-1.160 χ^2/NDF : 18424.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1922.798+/-0.813 χ^2/NDF : 91048.2/6

asym_atl_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 40.720+/-1076.558 χ^2/NDF : 0.0/1

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

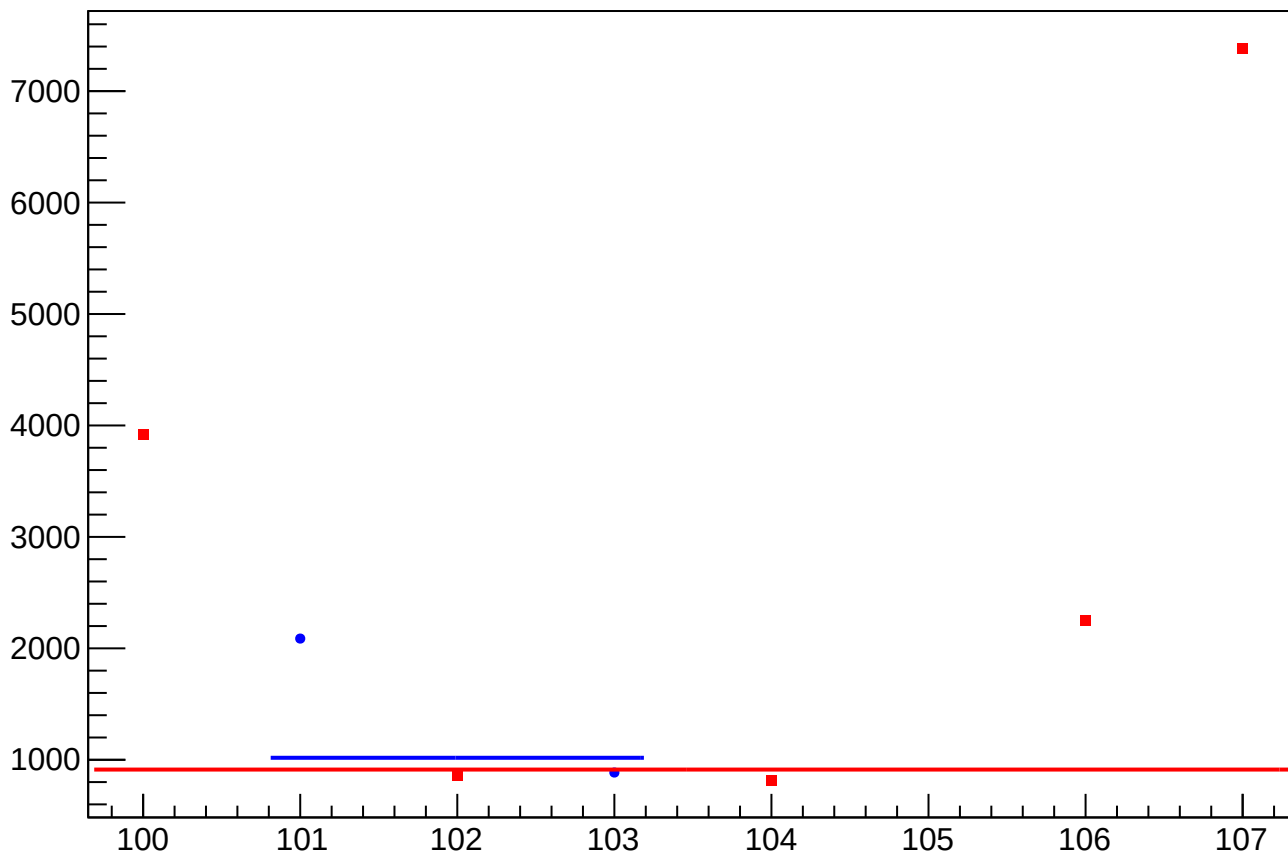
Right: 499.822+/-620.502 χ^2/NDF : 5.2/6

In: 40.720+/-1076.558 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 499.822+/-620.502 χ^2/NDF : 5.2/6

asym_atl_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1018.117+/-0.761 χ^2/NDF : 244445.0/1

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

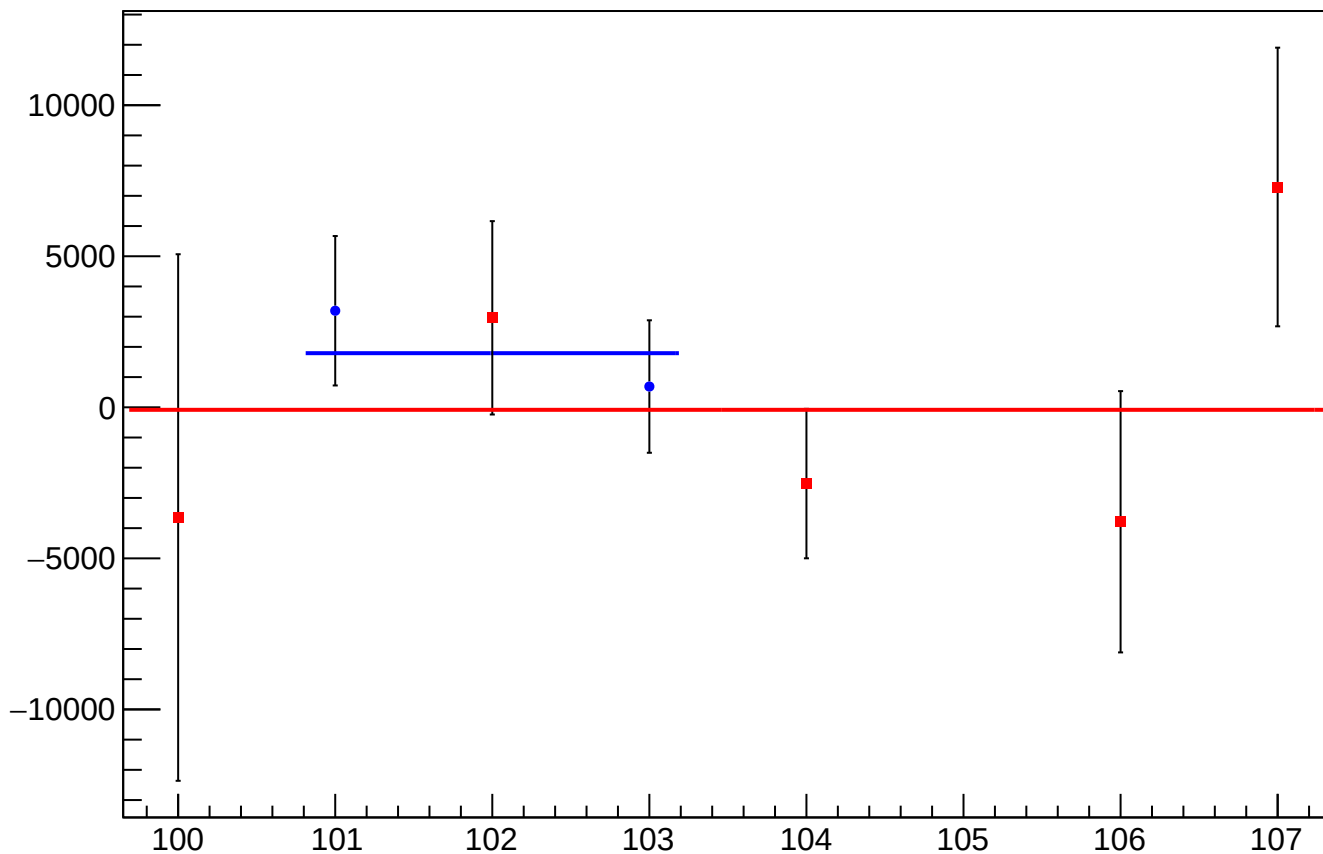
Right: 947.471+/-0.439 χ^2/NDF : 957455.2/6

In: 1018.117+/-0.761 χ^2/NDF : 244445.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 947.471+/-0.439 χ^2/NDF : 957455.2/6

eigen_dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1791.734+/-1640.759 χ^2 /NDF: 0.6/1

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

Right Out: -83.244+/-1633.571 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

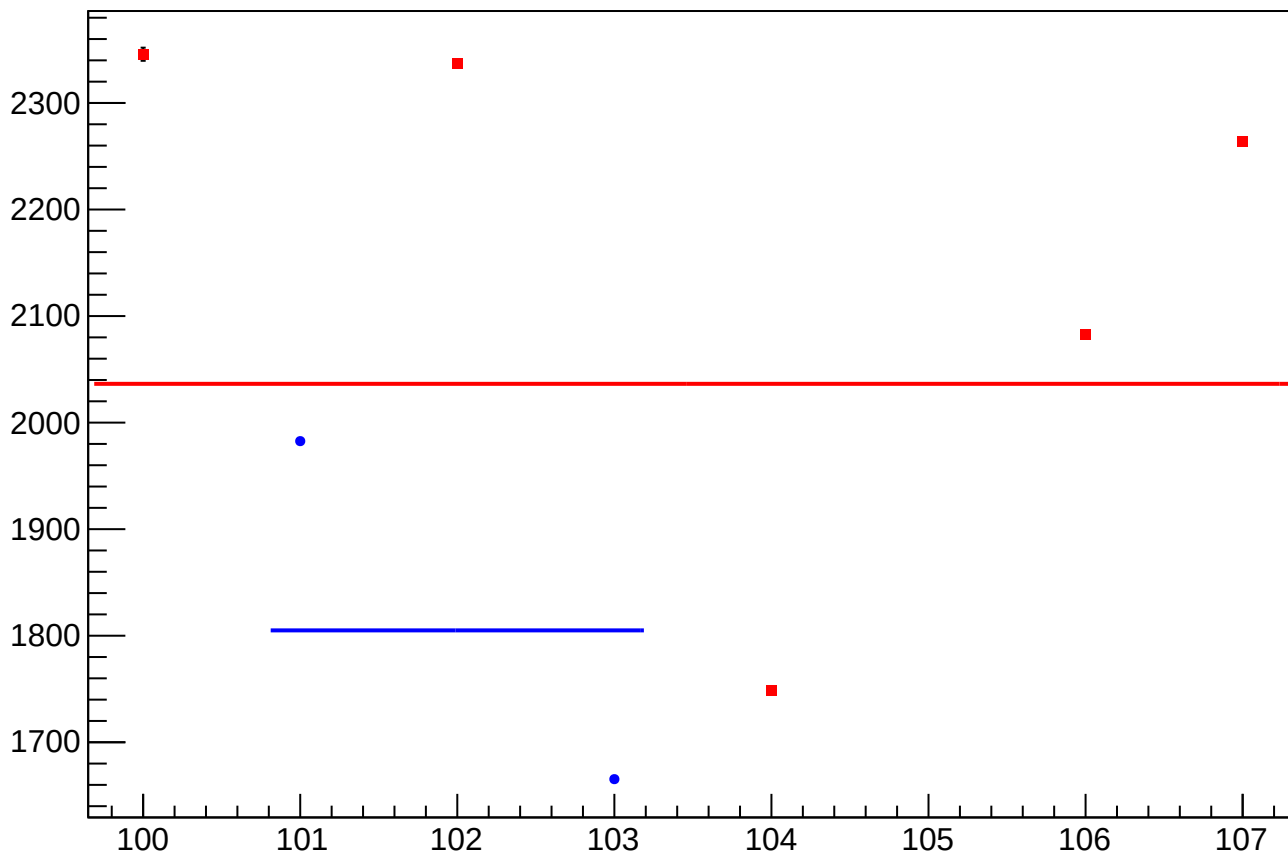
Right: 850.129+/-1157.642 χ^2 /NDF: 6.6/6

In: 1791.734+/-1640.759 χ^2 /NDF:0.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 850.129+/-1157.642 χ^2 /NDF: 6.6/6

eigen_dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1805.001+/-1.160 χ^2/NDF : 18424.7/1

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

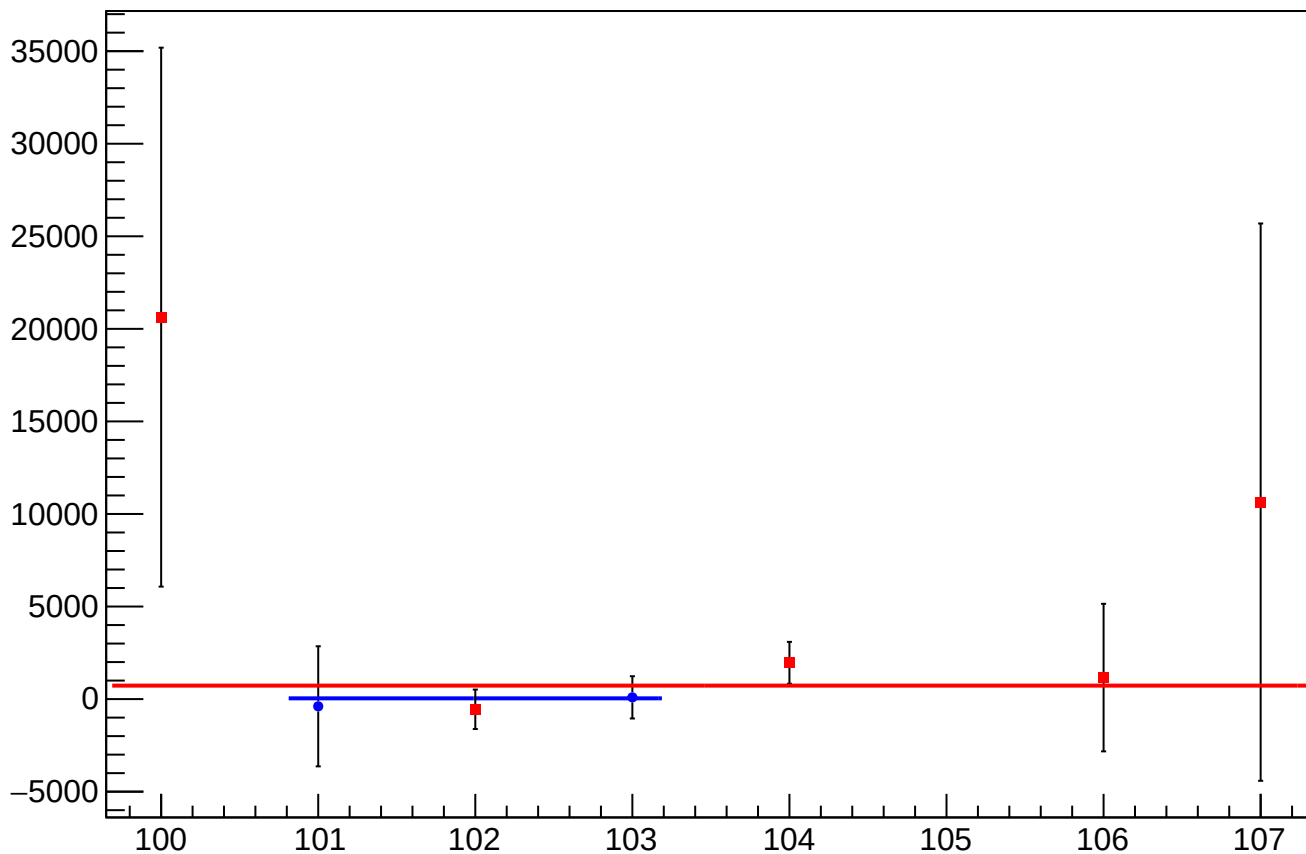
Right: 1922.796+/-0.813 χ^2/NDF : 91048.7/6

In: 1805.001+/-1.160 χ^2/NDF : 18424.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1922.796+/-0.813 χ^2/NDF : 91048.7/6

asym_atl_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 40.721+/-1076.549 χ^2/NDF : 0.0/1

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

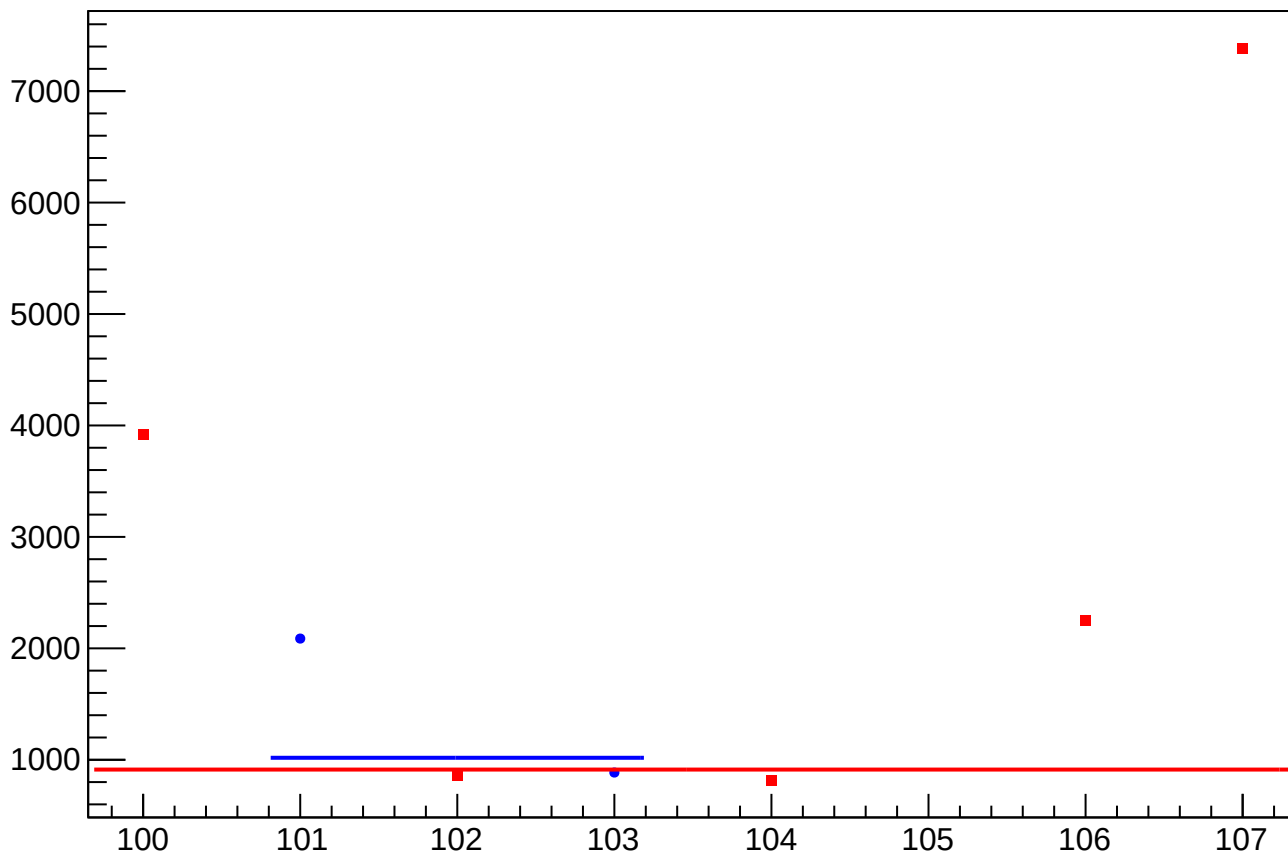
Right: 499.818+/-620.497 χ^2/NDF : 5.2/6

In: 40.721+/-1076.549 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 499.818+/-620.497 χ^2/NDF : 5.2/6

asym_atl_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1018.108+/-0.761 χ^2/NDF : 244443.9/1

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

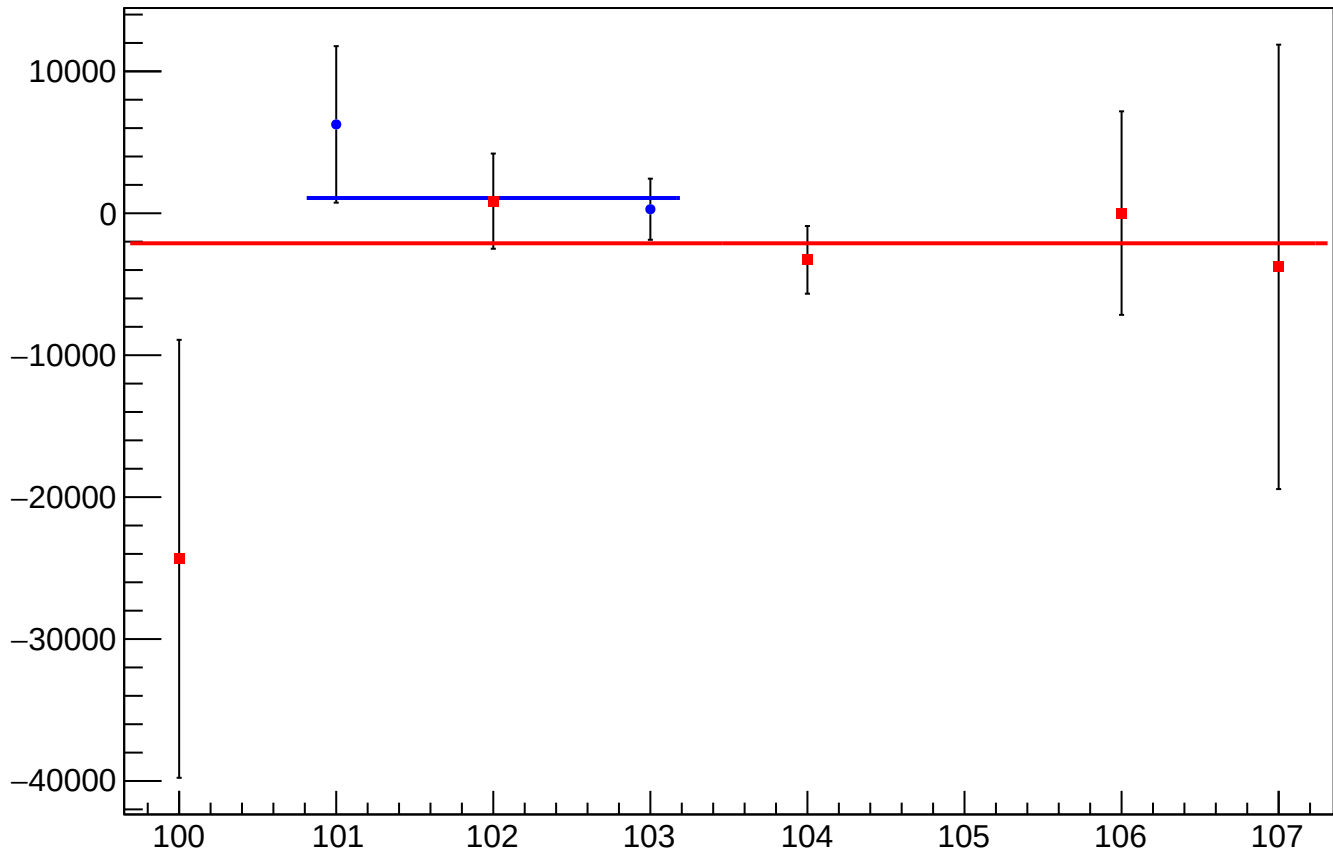
Right: 947.462+/-0.439 χ^2/NDF : 957456.4/6

In: 1018.108+/-0.761 χ^2/NDF : 244443.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 947.462+/-0.439 χ^2/NDF : 957456.4/6

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1075.648 $\pm$ 2005.618 χ^2 /NDF: 1.0/1

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

Right Out: -2115.456 $\pm$ 1848.809 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

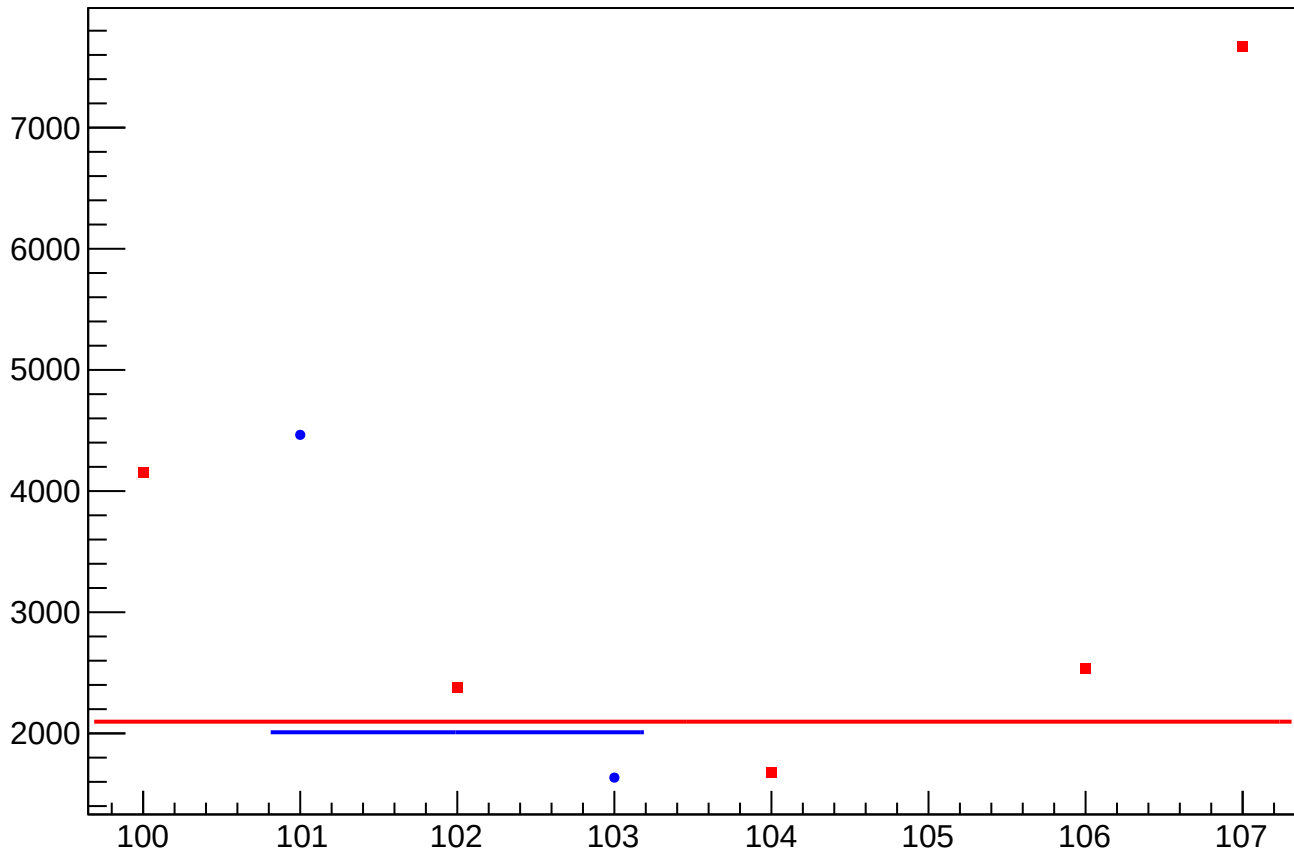
Right: -649.512 $\pm$ 1359.366 χ^2 /NDF: 5.6/6

In: 1075.648 $\pm$ 2005.618 χ^2 /NDF:1.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -649.512 $\pm$ 1359.366 χ^2 /NDF: 5.6/6

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 2009.257+/-1.418 χ^2/NDF : 456794.6/1

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

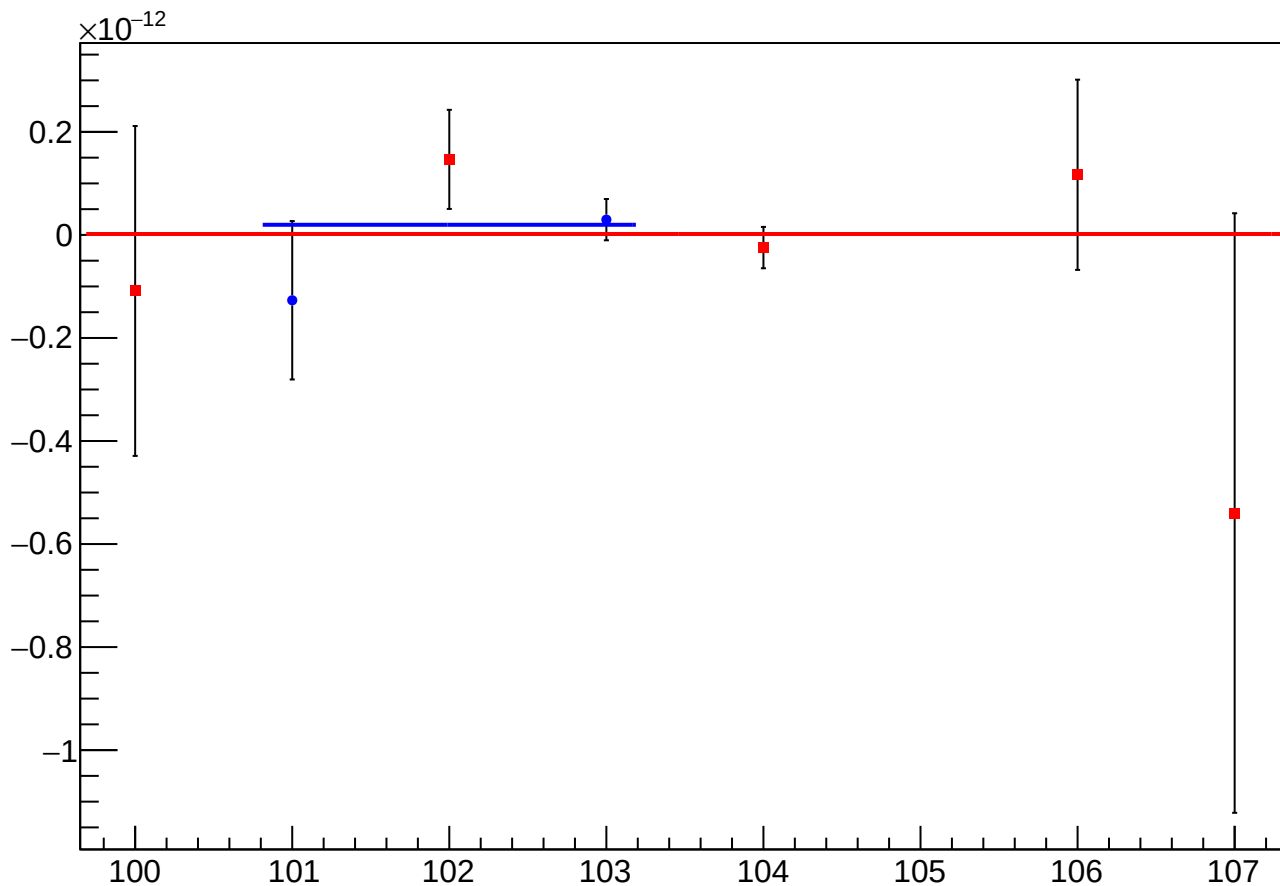
Right: 2058.016+/-0.943 χ^2/NDF : 840597.1/6

In: 2009.257+/-1.418 χ^2/NDF : 456794.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2058.016+/-0.943 χ^2/NDF : 840597.1/6

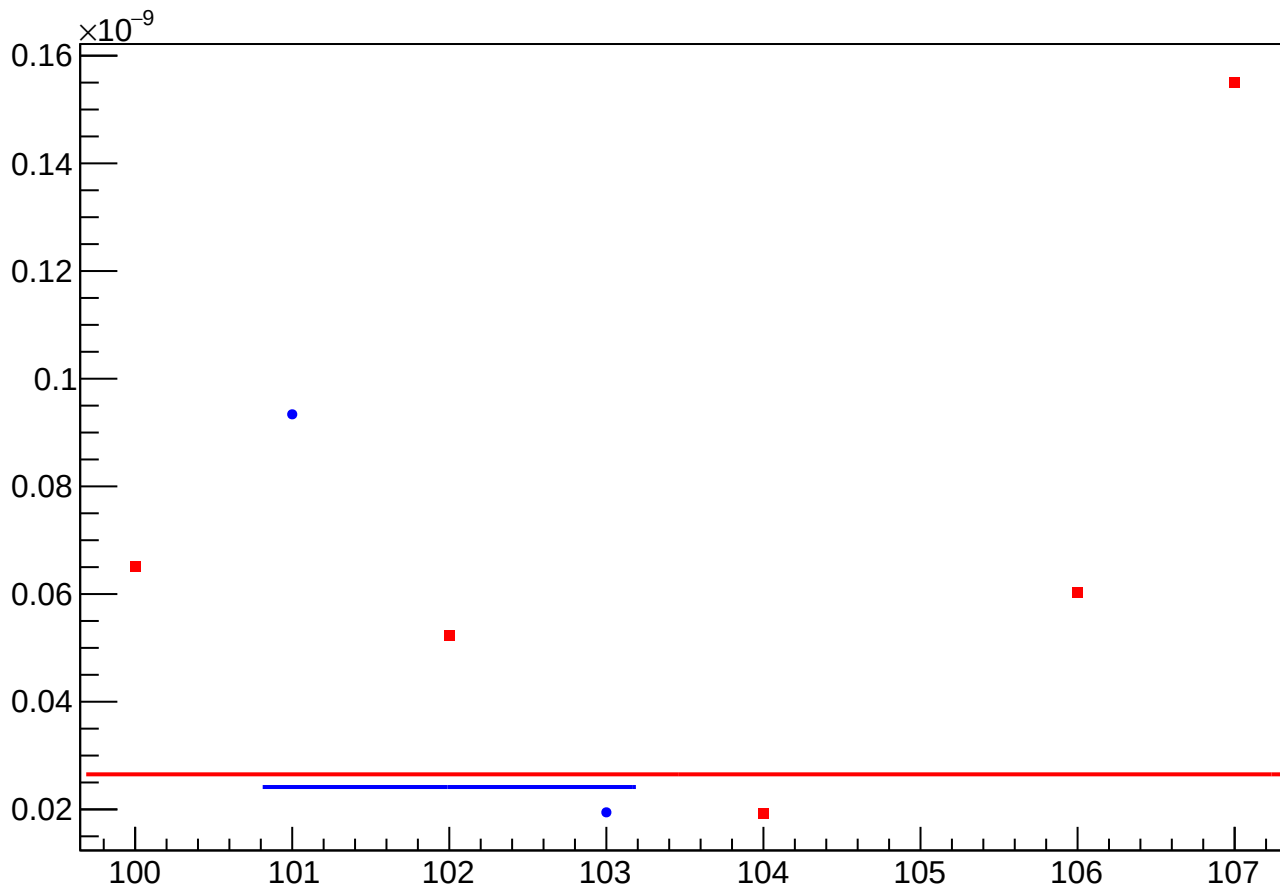
asym_atl_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 1.0/1
 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: 5.2/6
 In: 0.000+/-0.000 χ^2 /NDF:1.0/1
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: 0.000+/-0.000 χ^2 /NDF: 5.2/6

asym_atl_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 433005.5/1

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

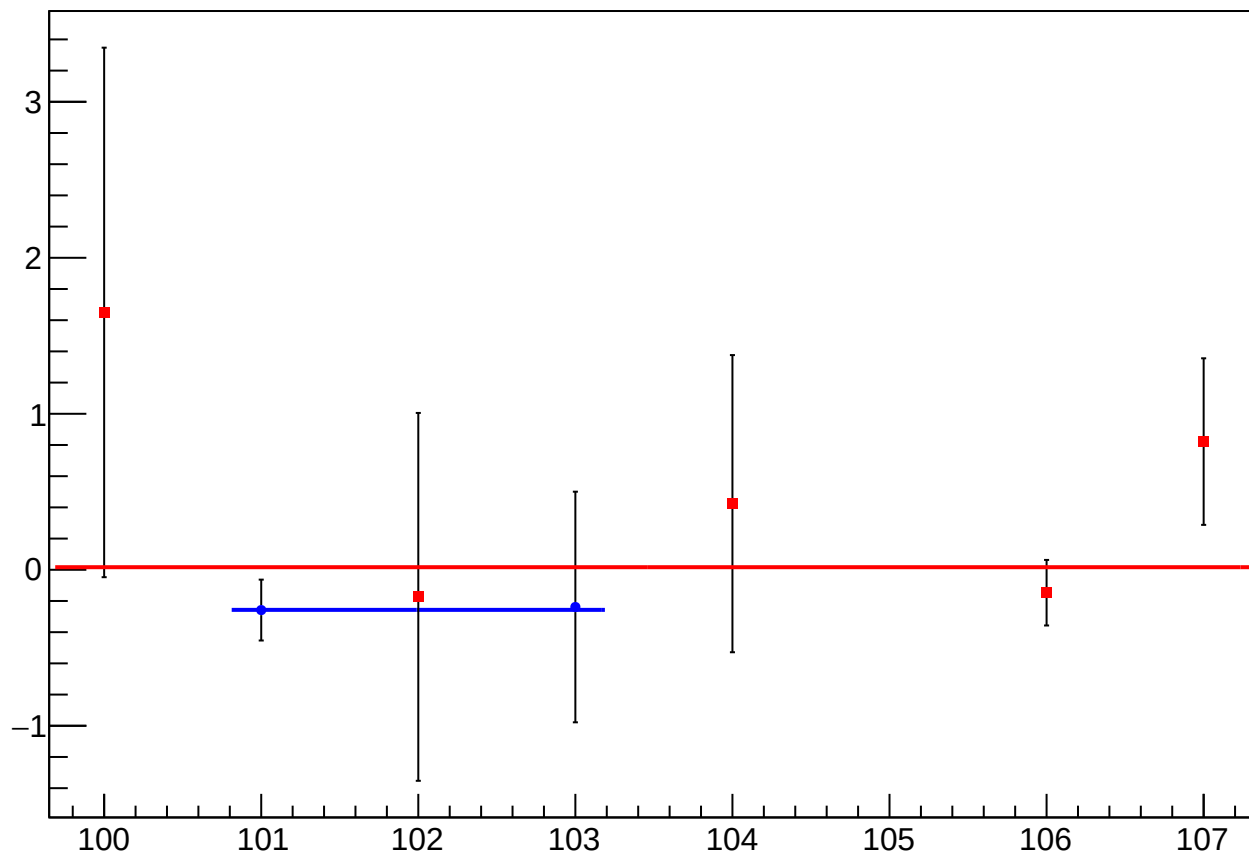
Right: 0.000+/-0.000 χ^2/NDF : 839670.5/6

In: 0.000+/-0.000 χ^2/NDF : 433005.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 839670.5/6

asym_atl_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.257 $\pm$ 0.189 χ^2 /NDF: 0.0/1

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

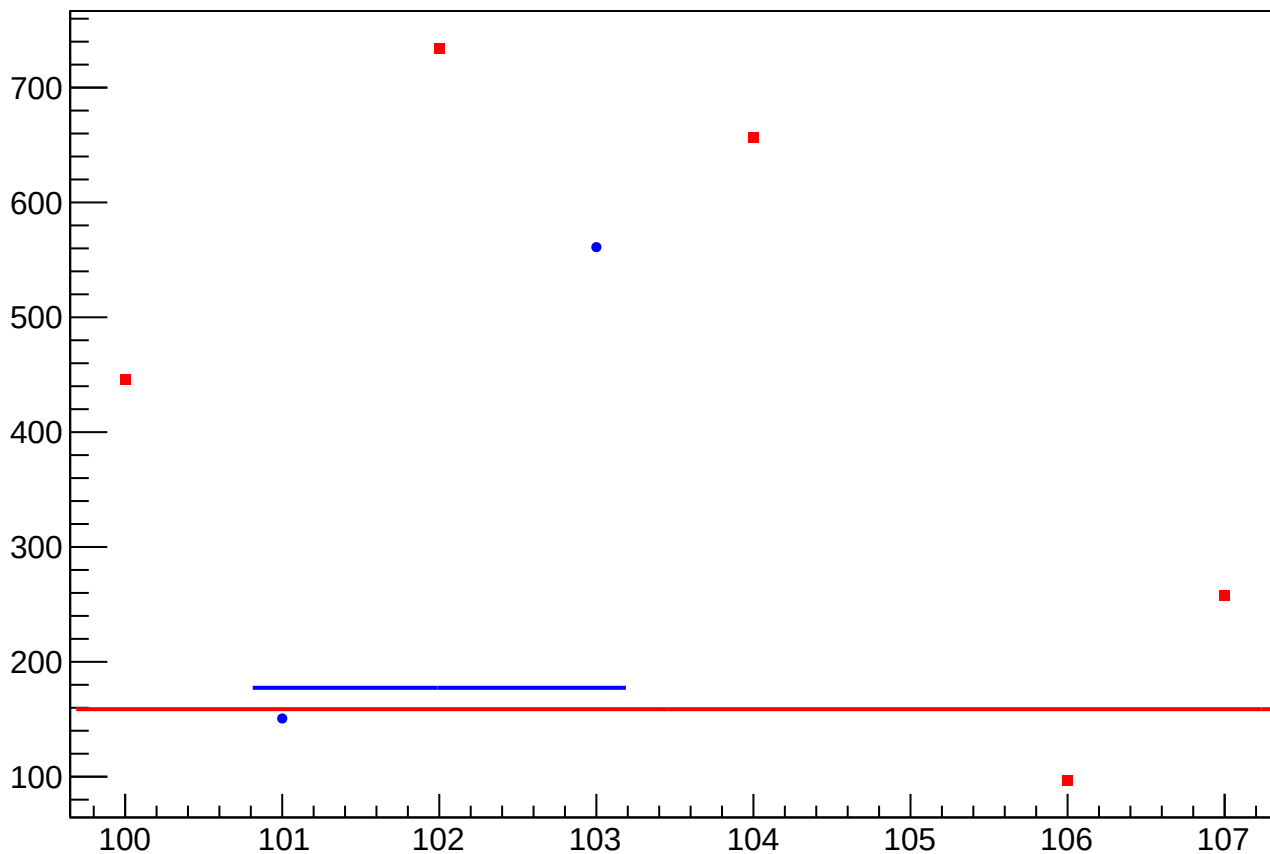
Right: -0.120 $\pm$ 0.133 χ^2 /NDF: 5.1/6

In: -0.257 $\pm$ 0.189 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.120 $\pm$ 0.133 χ^2 /NDF: 5.1/6

asym_atl_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 177.410+/-0.133 χ^2/NDF : 576273.5/1

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

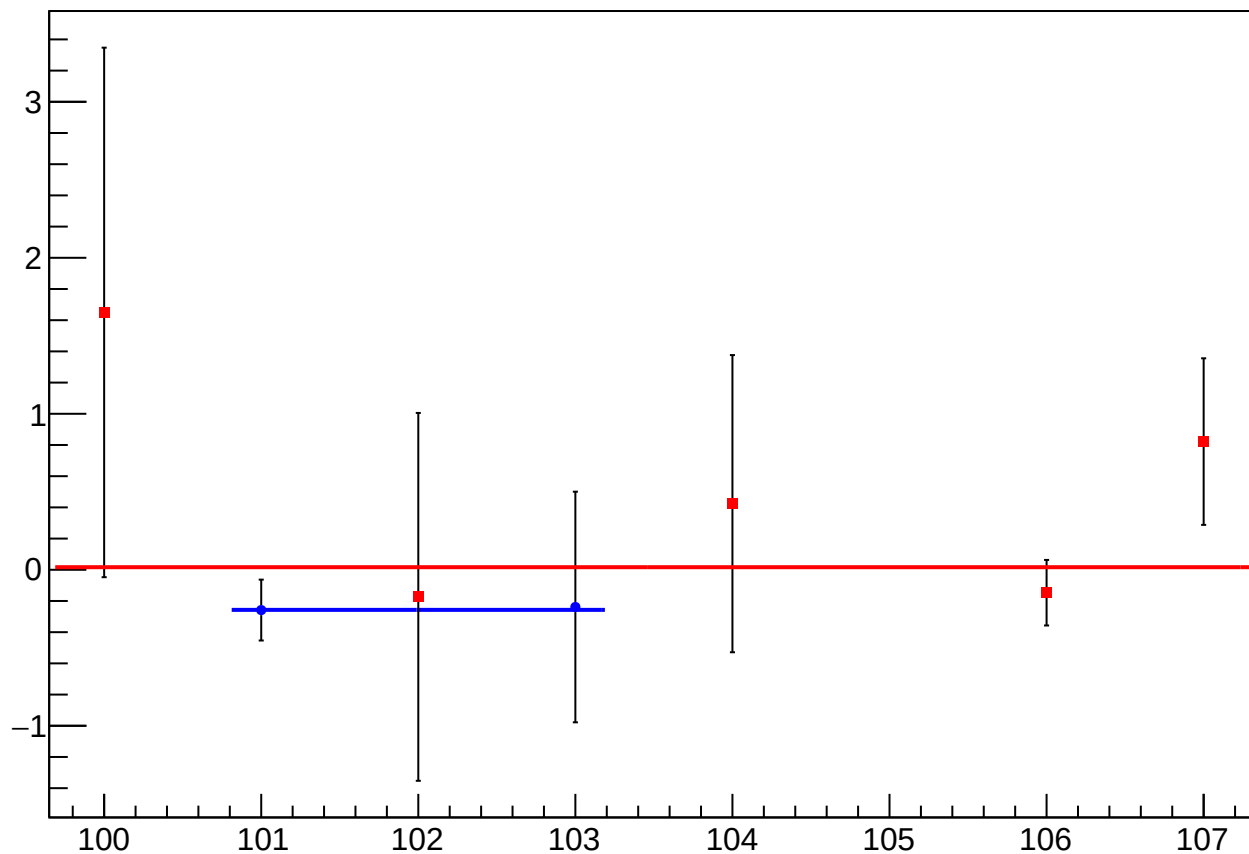
Right: 168.061+/-0.094 χ^2/NDF : 1909701.4/6

In: 177.410+/-0.133 χ^2/NDF : 576273.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.061+/-0.094 χ^2/NDF : 1909701.4/6

asym_atl_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.257 $\pm$ 0.189 χ^2 /NDF: 0.0/1

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

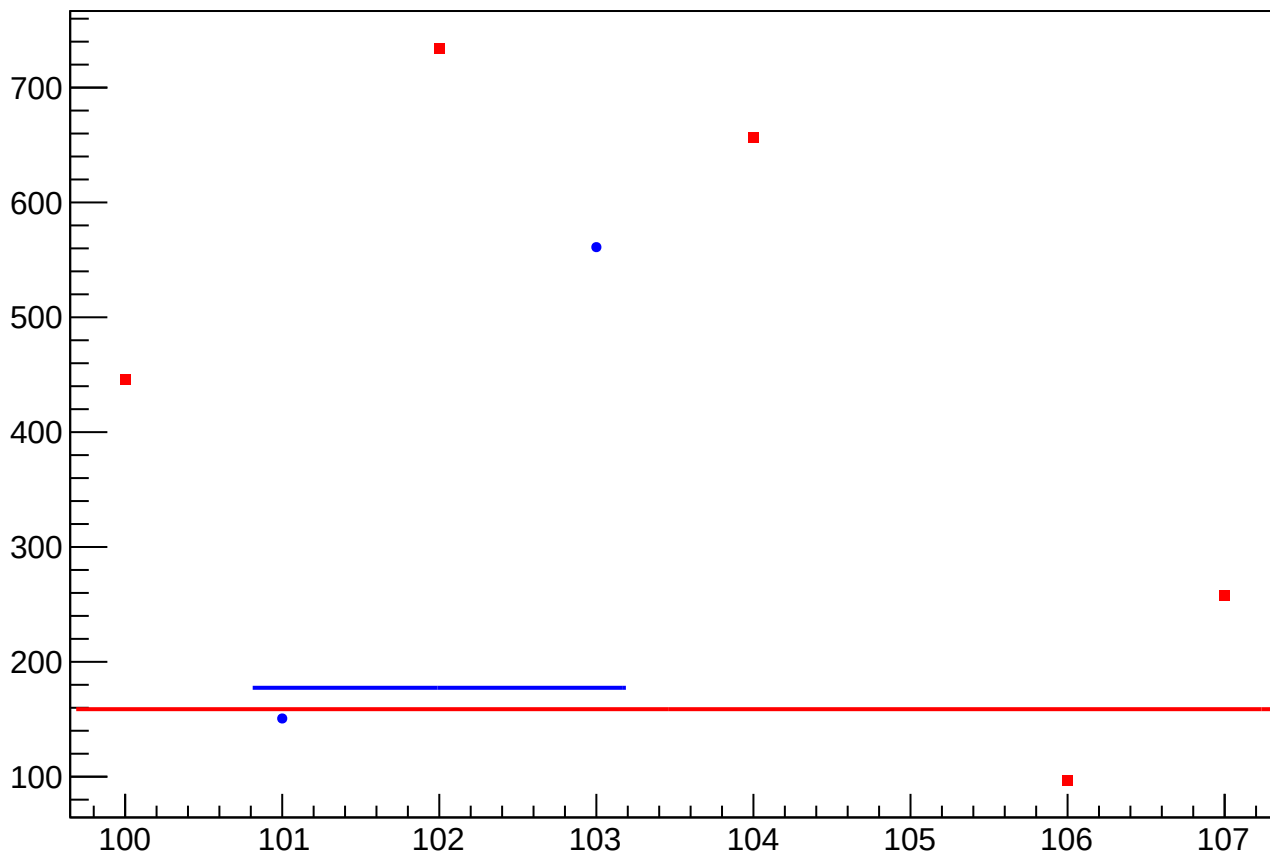
Right: -0.120 $\pm$ 0.133 χ^2 /NDF: 5.1/6

In: -0.257 $\pm$ 0.189 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.120 $\pm$ 0.133 χ^2 /NDF: 5.1/6

asym_atl_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 177.410 $\pm$ 0.133 χ^2 /NDF: 576273.5/1

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

Right Out: 158.785 $\pm$ 0.133 χ^2 /NDF: 1323641.4/4

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

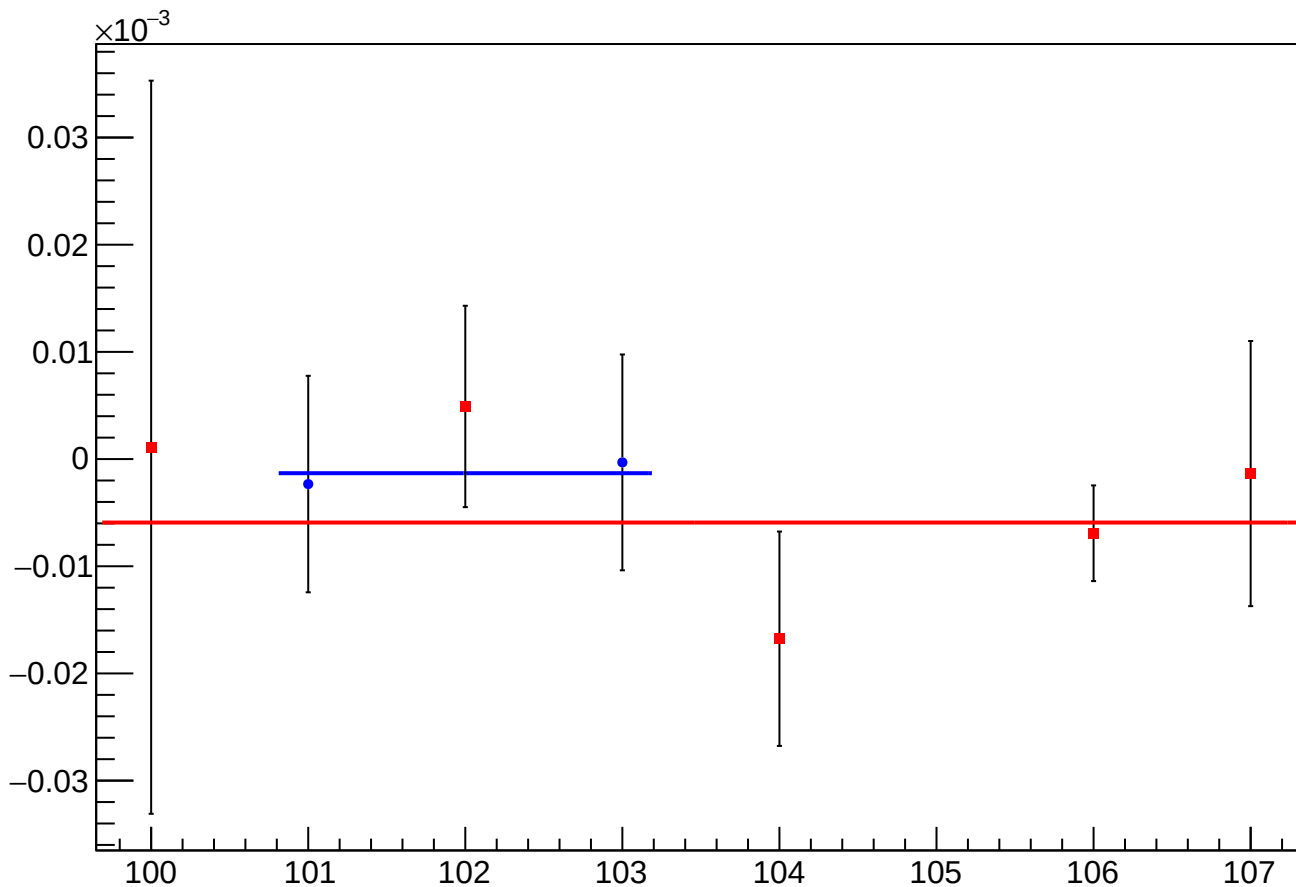
Right: 168.061 $\pm$ 0.094 χ^2 /NDF: 1909701.4/6

In: 177.410 $\pm$ 0.133 χ^2 /NDF:576273.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 168.061 $\pm$ 0.094 χ^2 /NDF: 1909701.4/6

asym_atl_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.0/1

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

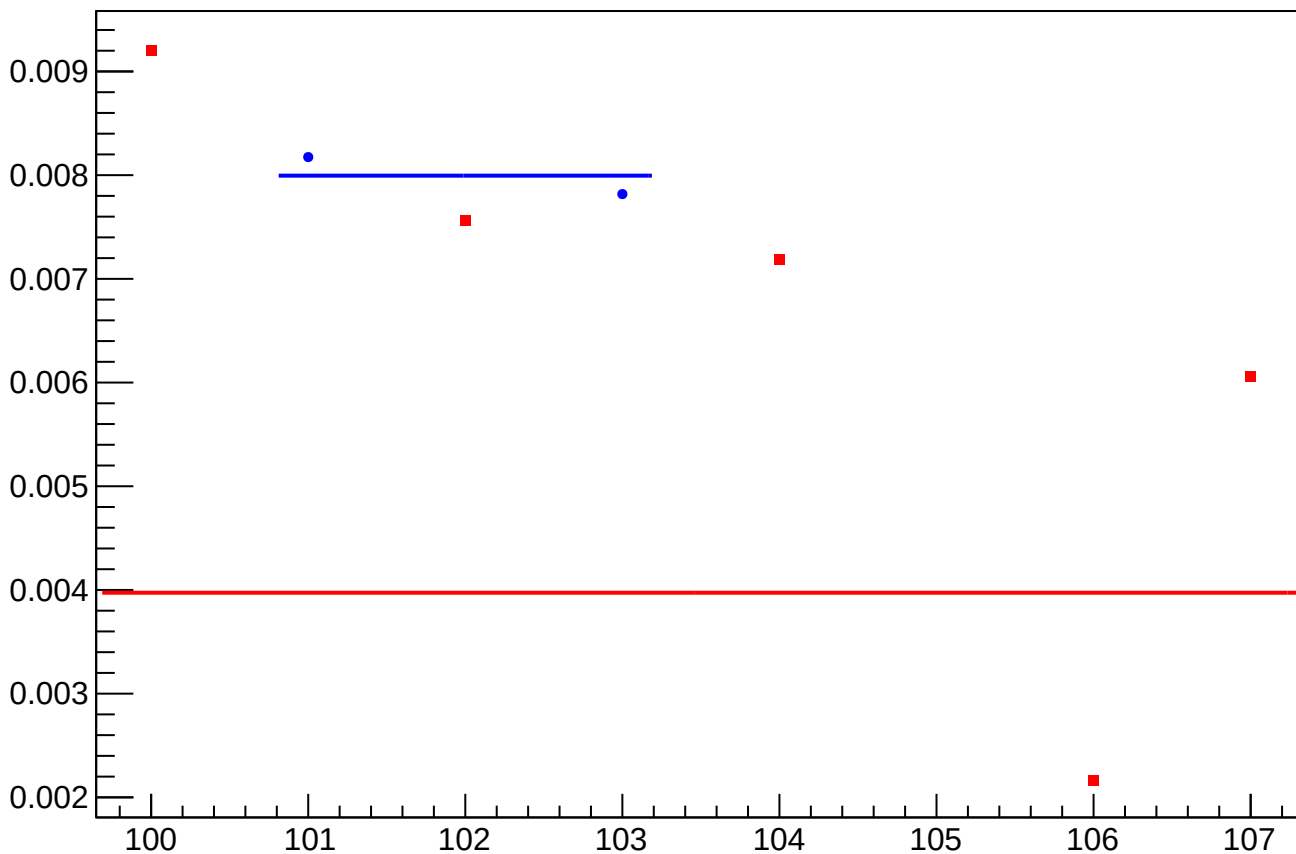
Right: -0.000+/-0.000 χ^2 /NDF: 3.1/6

In: -0.000+/-0.000 χ^2 /NDF:0.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 3.1/6

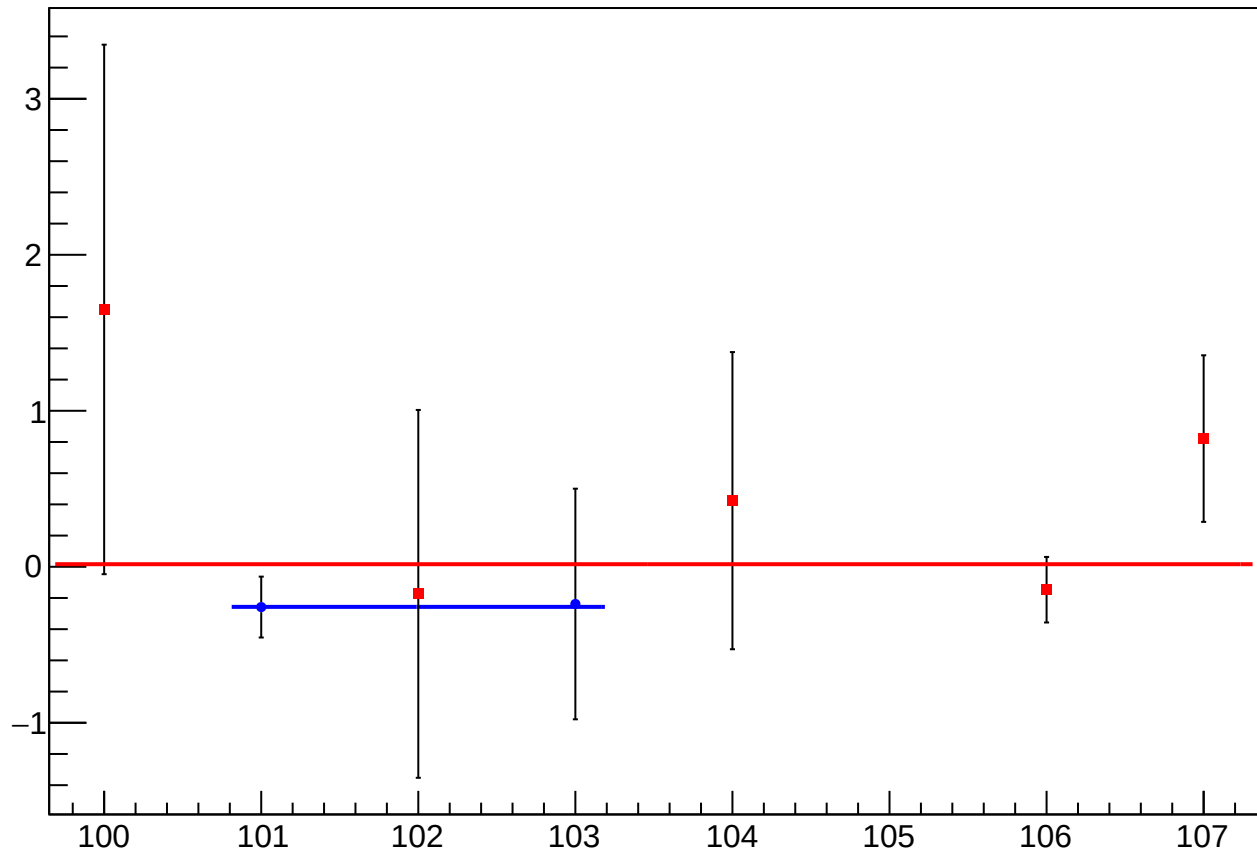
asym_atl_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 1251.5/1
 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 : 1440615.0/6
 In: 0.008+/-0.000 χ^2/NDF : 1251.5/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.005+/-0.000 χ^2/NDF : 1440615.0/6

asym_atl_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.257 $\pm$ 0.189 χ^2 /NDF: 0.0/1

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

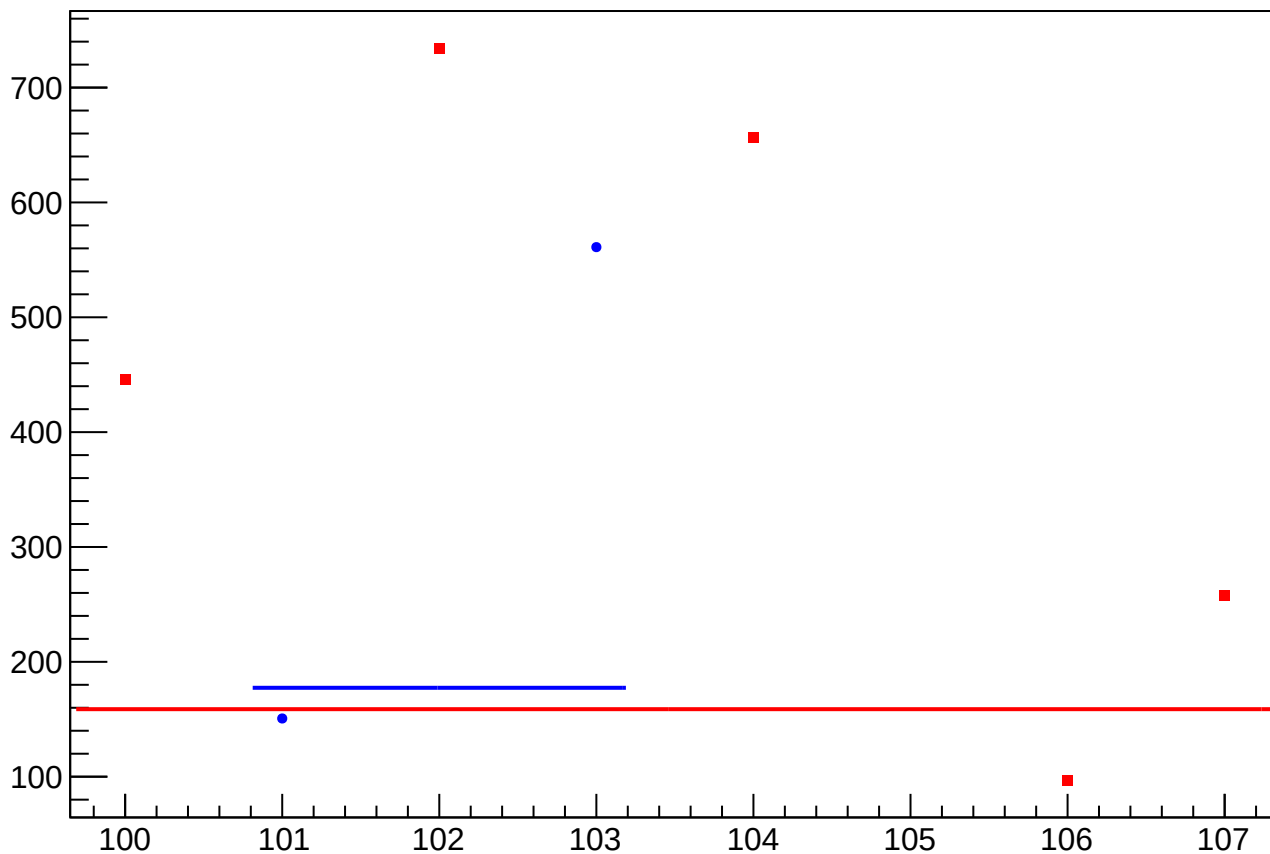
Right: -0.120 $\pm$ 0.133 χ^2 /NDF: 5.1/6

In: -0.257 $\pm$ 0.189 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.120 $\pm$ 0.133 χ^2 /NDF: 5.1/6

asym_atl_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 177.405 $\pm$ 0.133 χ^2 /NDF: 576278.1/1

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

Right Out: 158.784 $\pm$ 0.133 χ^2 /NDF: 1323632.2/4

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

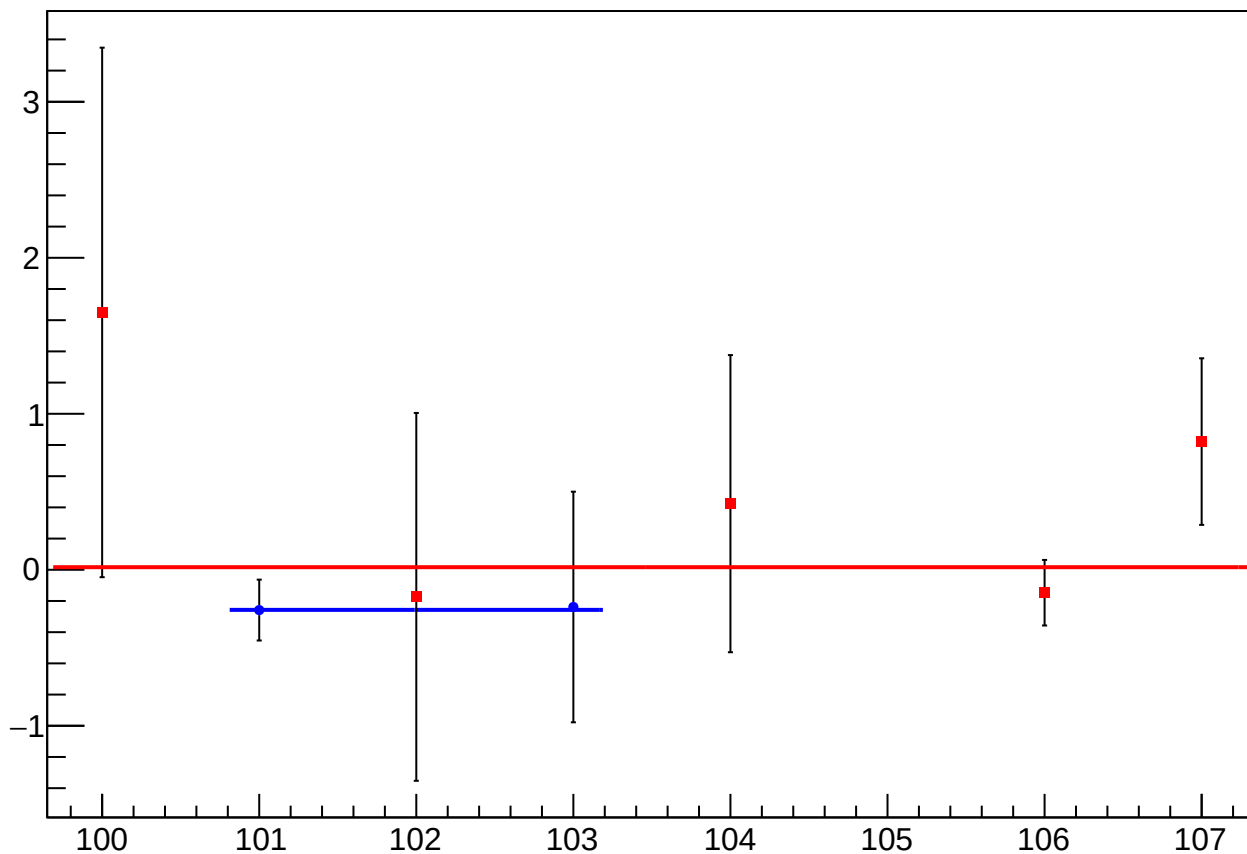
Right: 168.058 $\pm$ 0.094 χ^2 /NDF: 1909693.3/6

In: 177.405 $\pm$ 0.133 χ^2 /NDF:576278.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 168.058 $\pm$ 0.094 χ^2 /NDF: 1909693.3/6

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.257 $\pm$ 0.189 χ^2 /NDF: 0.0/1

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

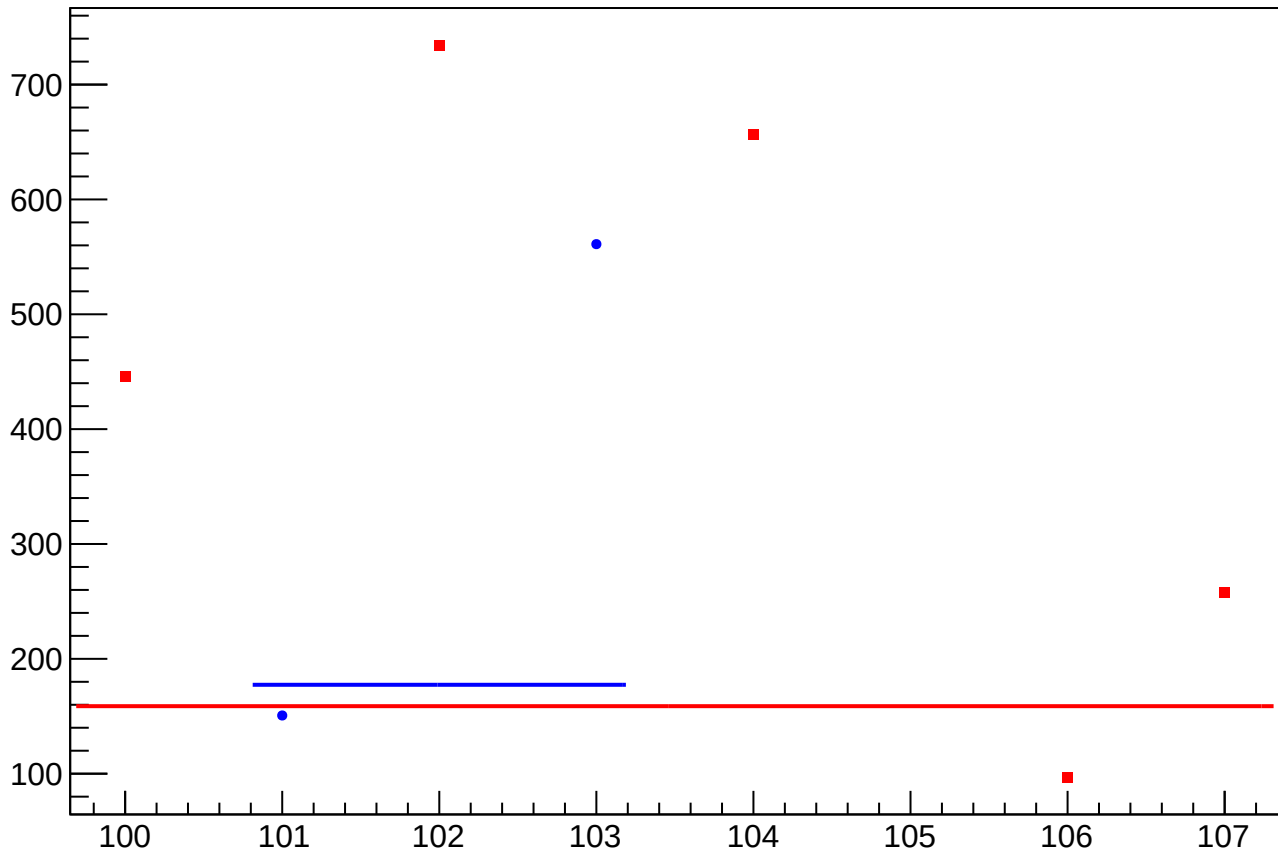
Right: -0.120 $\pm$ 0.133 χ^2 /NDF: 5.1/6

In: -0.257 $\pm$ 0.189 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.120 $\pm$ 0.133 χ^2 /NDF: 5.1/6

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 177.405 $\pm$ 0.133 χ^2 /NDF: 576278.1/1

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

Right Out: 158.784 $\pm$ 0.133 χ^2 /NDF: 1323632.2/4

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

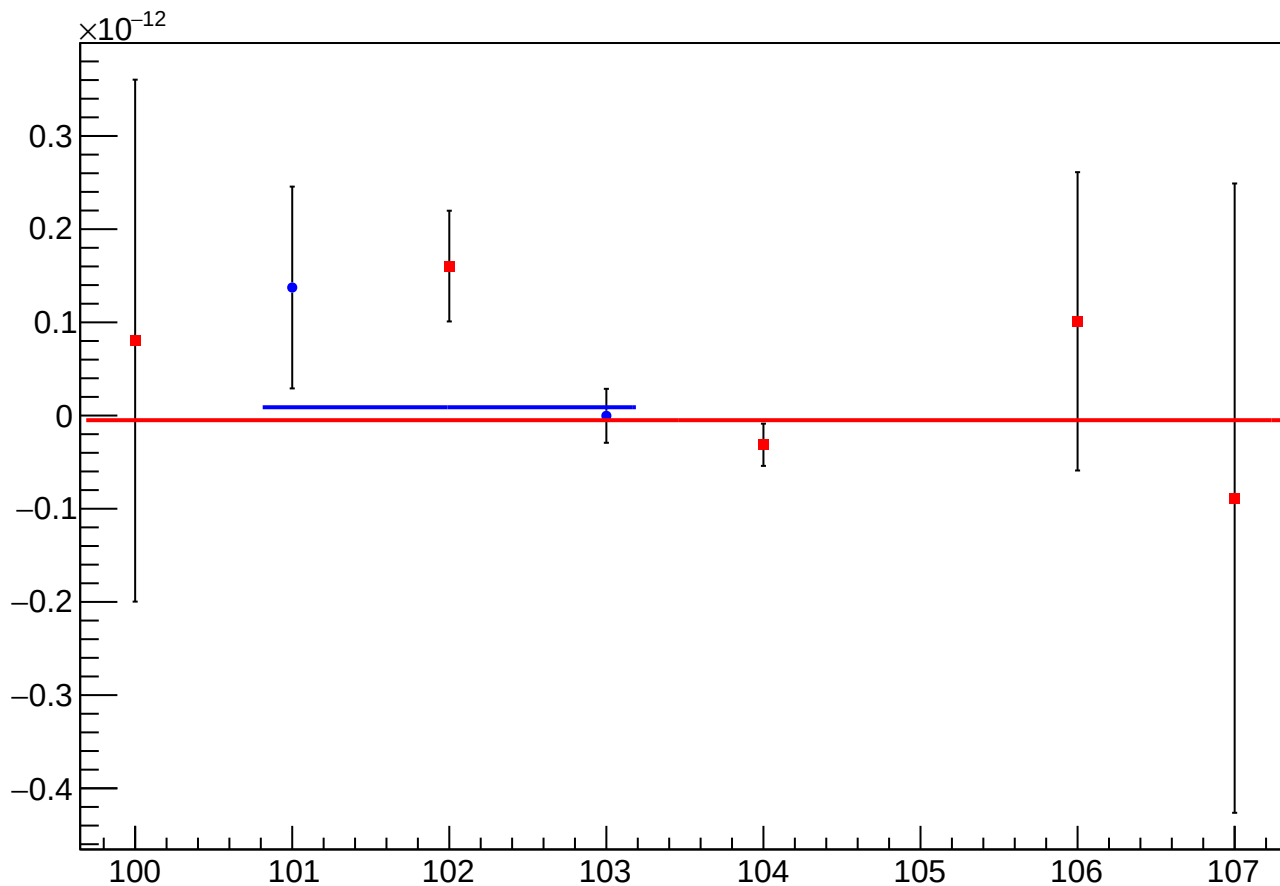
Right: 168.058 $\pm$ 0.094 χ^2 /NDF: 1909693.3/6

In: 177.405 $\pm$ 0.133 χ^2 /NDF:576278.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 168.058 $\pm$ 0.094 χ^2 /NDF: 1909693.3/6

asym_atl_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.5/1

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

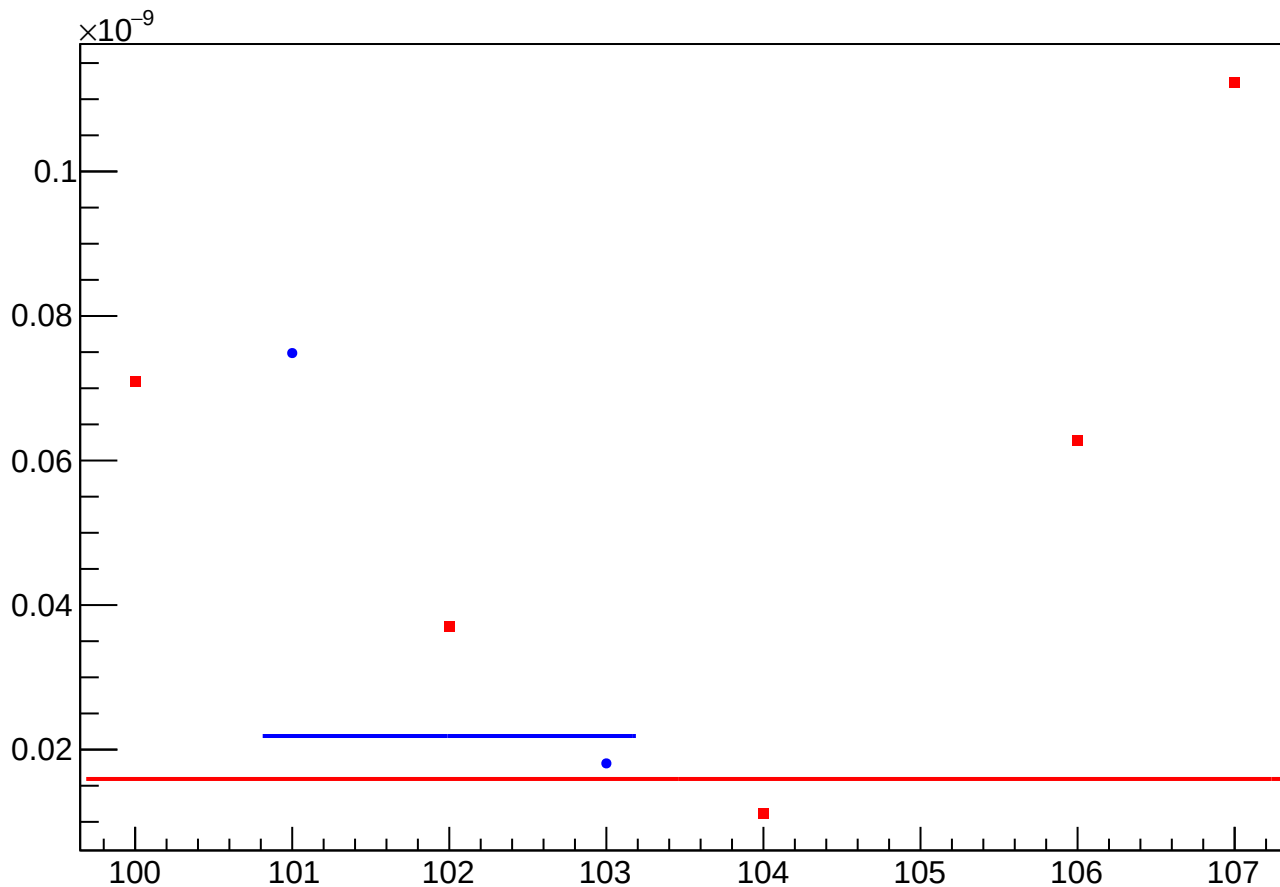
Right: -0.000+/-0.000 χ^2/NDF : 11.4/6

In: 0.000+/-0.000 χ^2/NDF : 1.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.4/6

asym_atl_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 513269.0/1

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

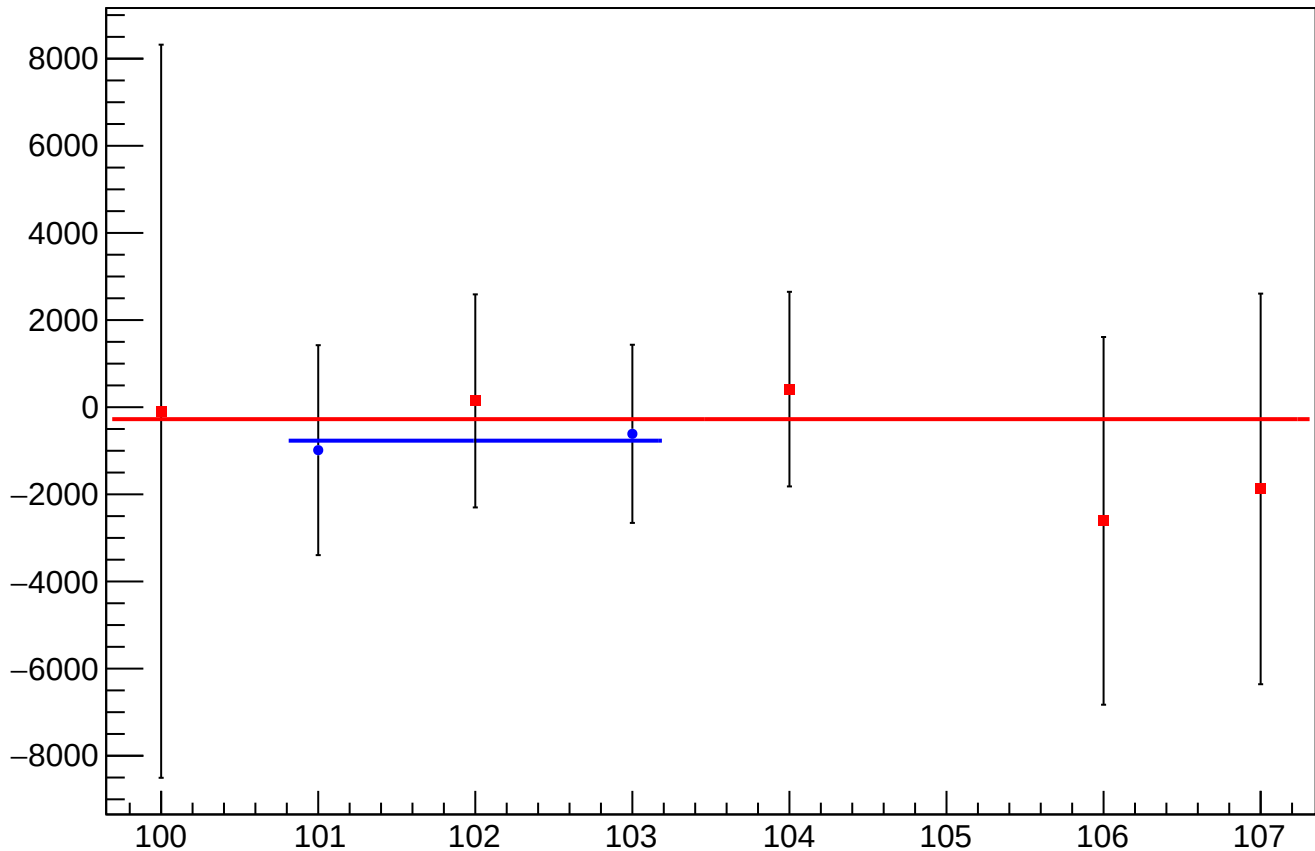
Right: 0.000+/-0.000 χ^2/NDF : 1324710.0/6

In: 0.000+/-0.000 χ^2/NDF : 513269.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1324710.0/6

reg_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -768.051+/-1558.938 χ^2/NDF : 0.0/1

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

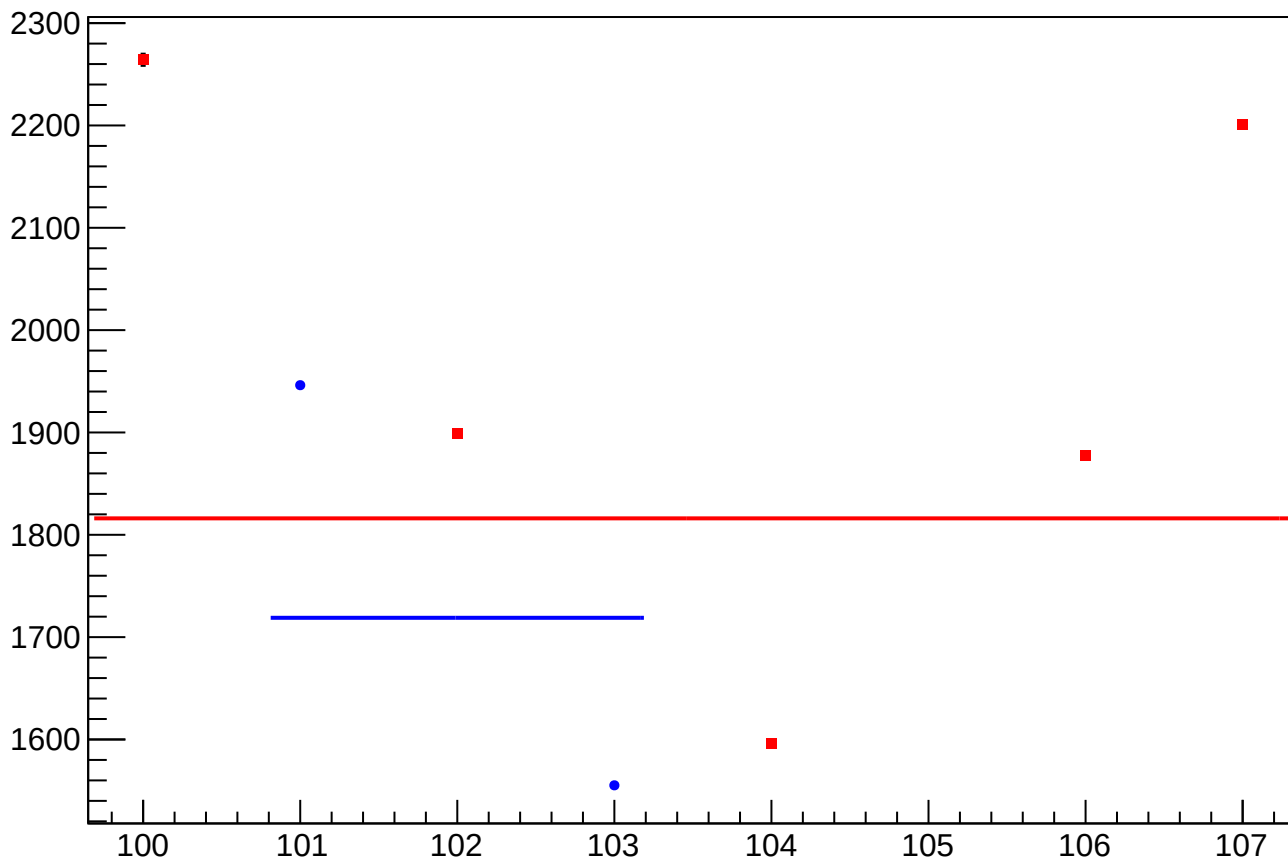
Right: -500.174+/-1054.536 χ^2/NDF : 0.6/6

In: -768.051+/-1558.938 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -500.174+/-1054.536 χ^2/NDF : 0.6/6

reg_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1718.899+/-1.102 χ^2/NDF : 30622.2/1

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

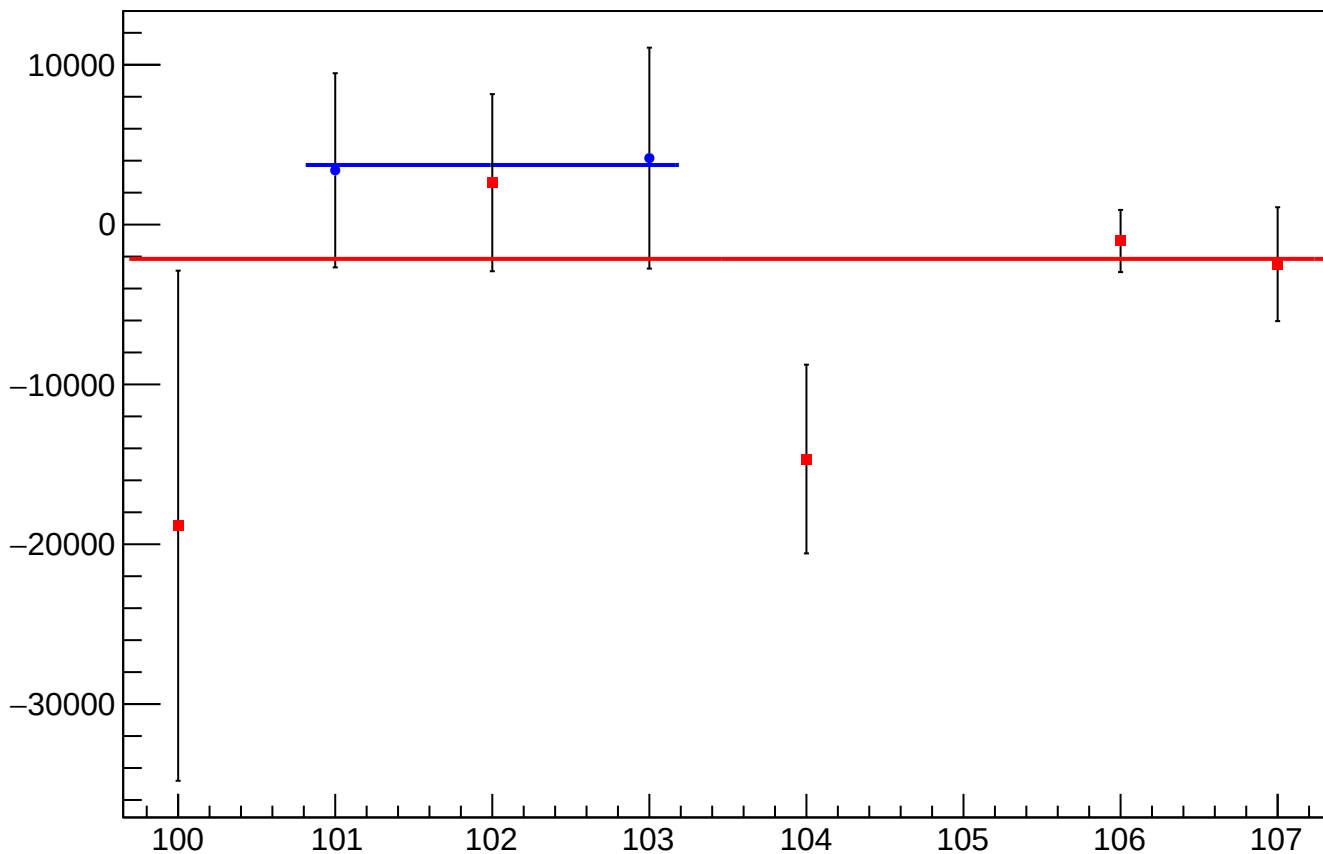
Right: 1772.715+/-0.736 χ^2/NDF : 77656.8/6

In: 1718.899+/-1.102 χ^2/NDF : 30622.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1772.715+/-0.736 χ^2/NDF : 77656.8/6

asym_atl_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 3729.846+/-4562.779 χ^2/NDF : 0.0/1

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

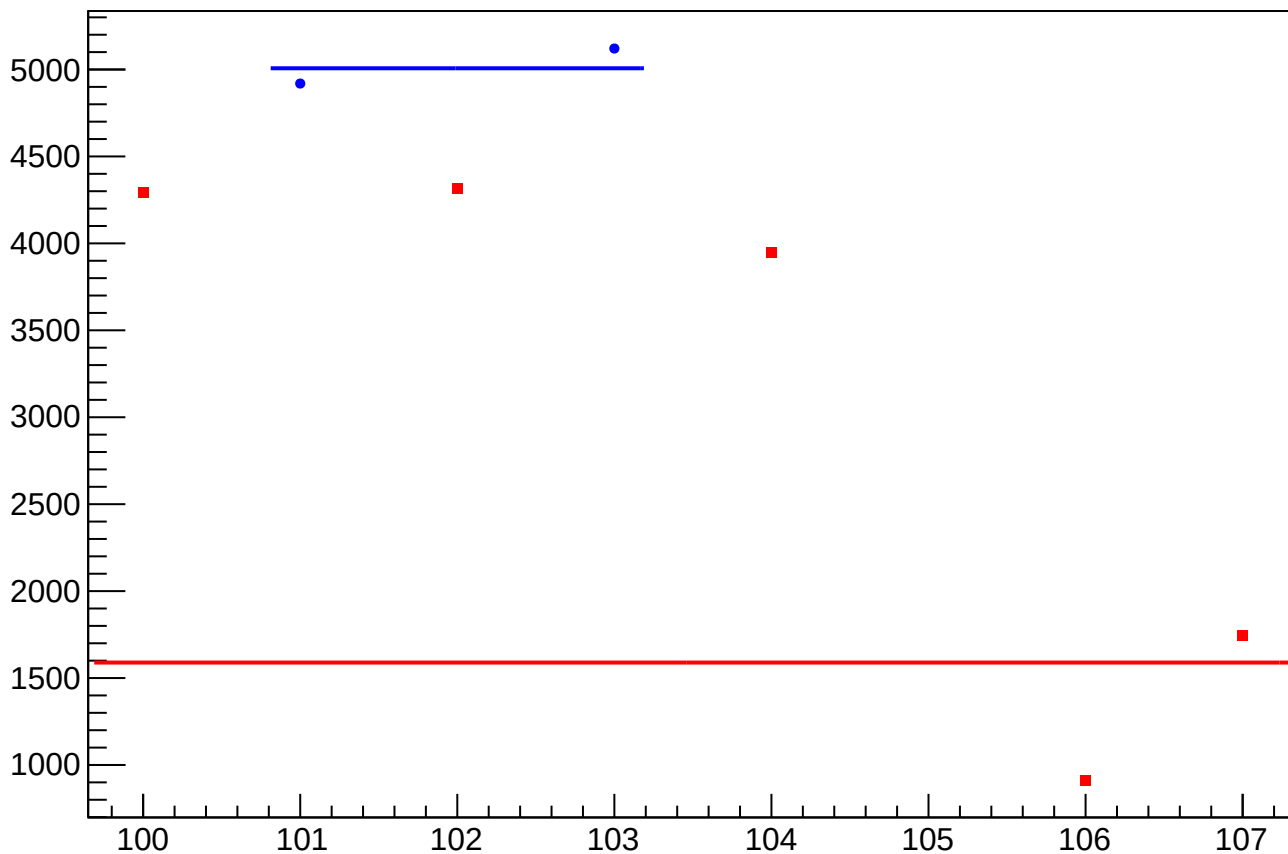
Right: -1525.401+/-1480.336 χ^2/NDF : 8.2/6

In: 3729.846+/-4562.779 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1525.401+/-1480.336 χ^2/NDF : 8.2/6

asym_atl_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 5007.040+/-3.226 χ^2/NDF : 958.2/1

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

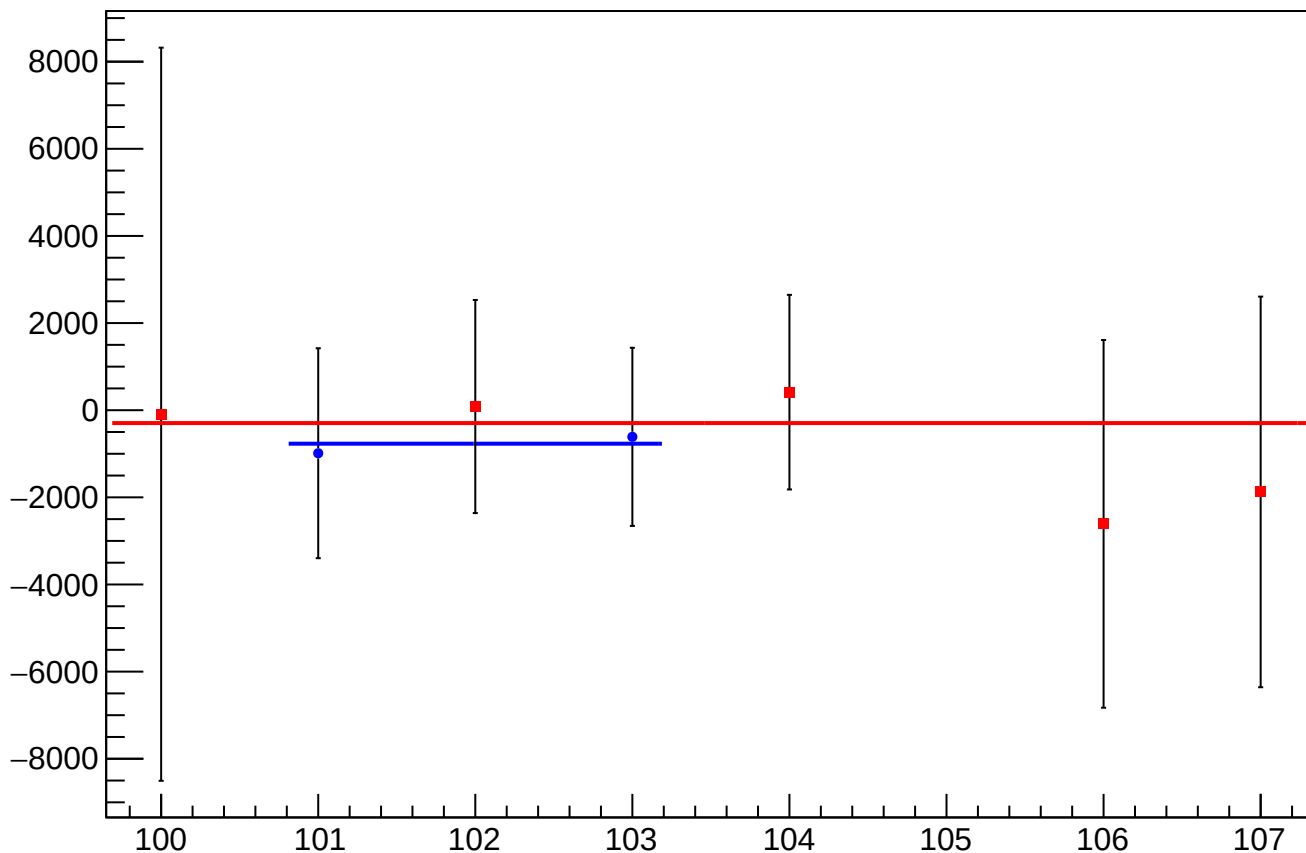
Right: 1948.894+/-1.047 χ^2/NDF : 2112379.9/6

In: 5007.040+/-3.226 χ^2/NDF : 958.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1948.894+/-1.047 χ^2/NDF : 2112379.9/6

cor_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -768.688+/-1558.939 χ^2/NDF : 0.0/1

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

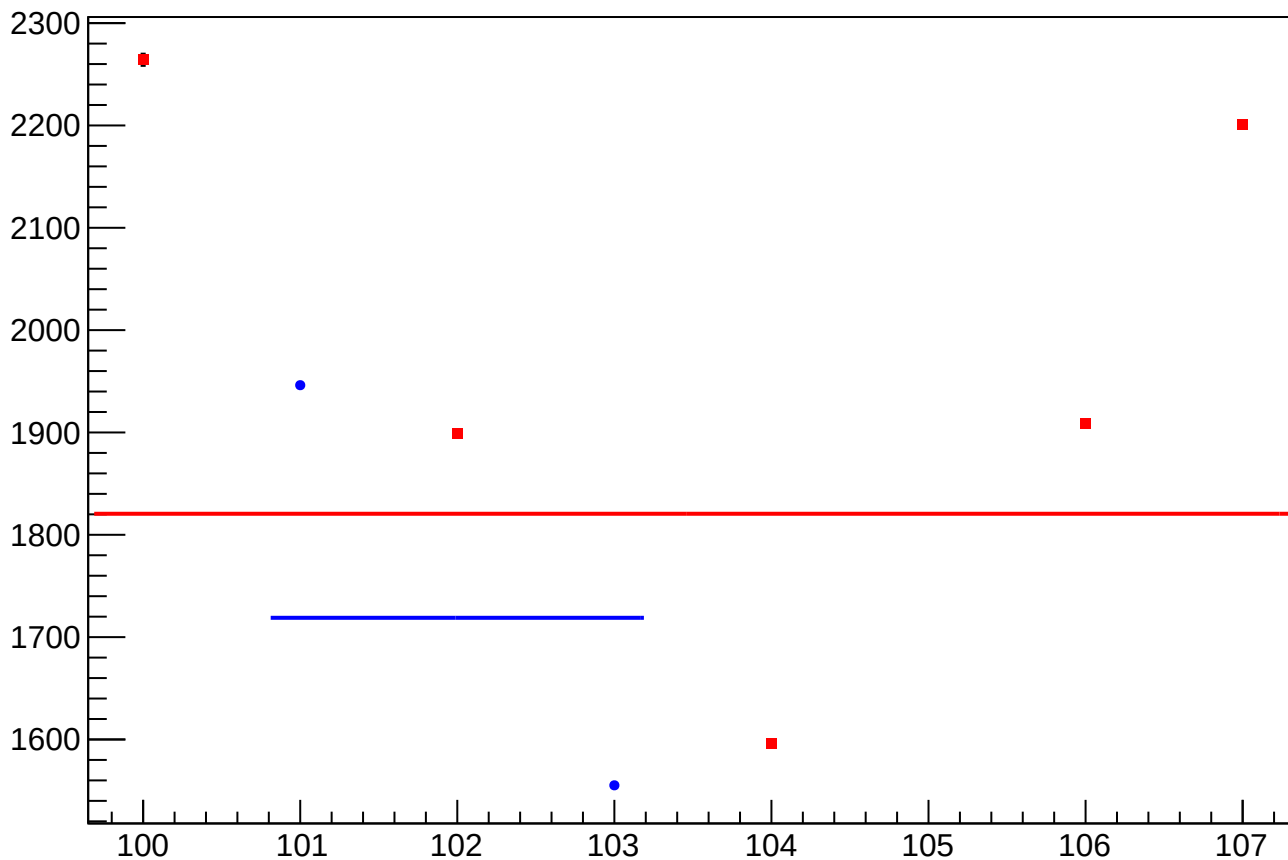
Right: -511.881+/-1054.565 χ^2/NDF : 0.6/6

In: -768.688+/-1558.939 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -511.881+/-1054.565 χ^2/NDF : 0.6/6

cor_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1718.898+/-1.102 χ^2/NDF : 30622.3/1

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

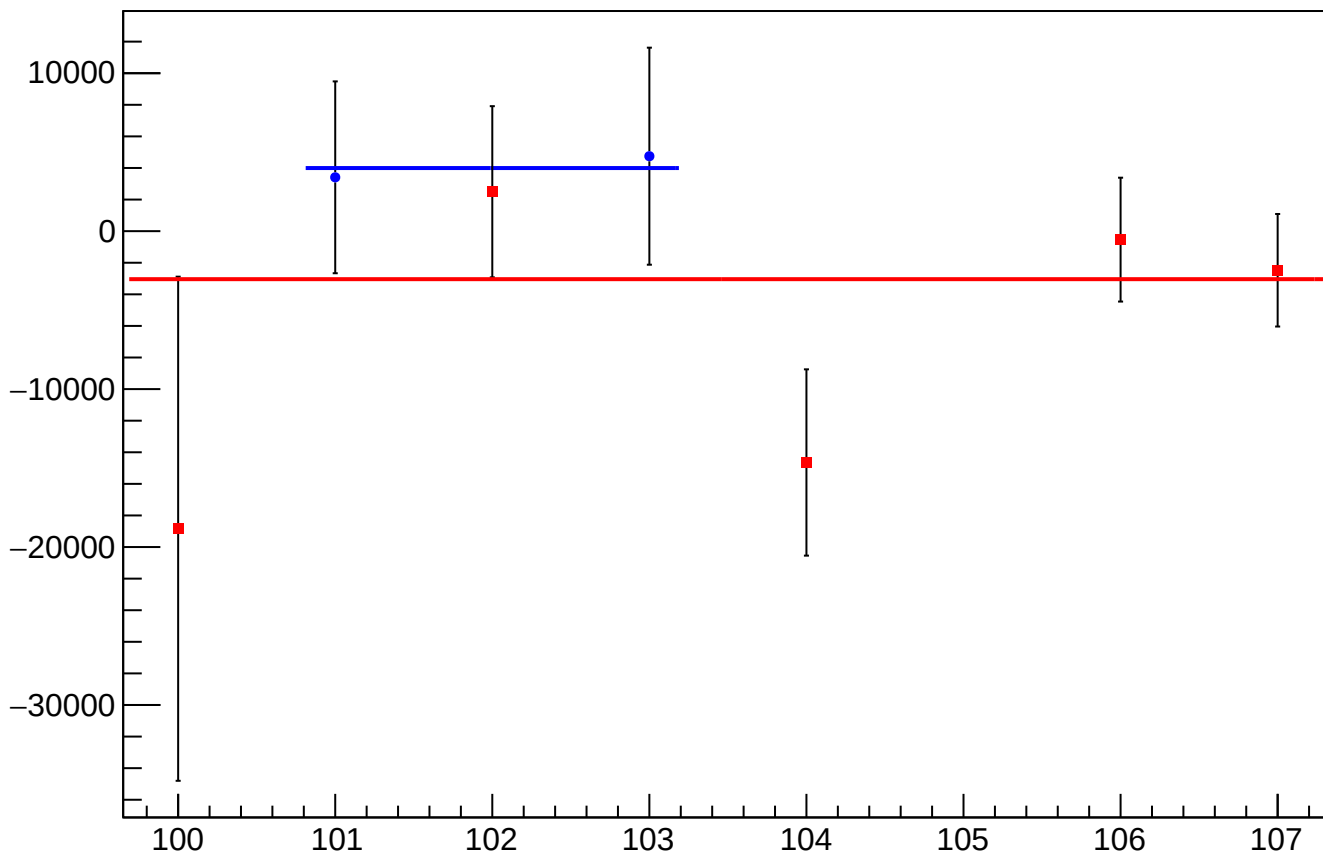
Right: 1775.083+/-0.737 χ^2/NDF : 78765.0/6

In: 1718.898+/-1.102 χ^2/NDF : 30622.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1775.083+/-0.737 χ^2/NDF : 78765.0/6

asym_atl_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 3995.403+/-4550.441 χ^2/NDF : 0.0/1

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

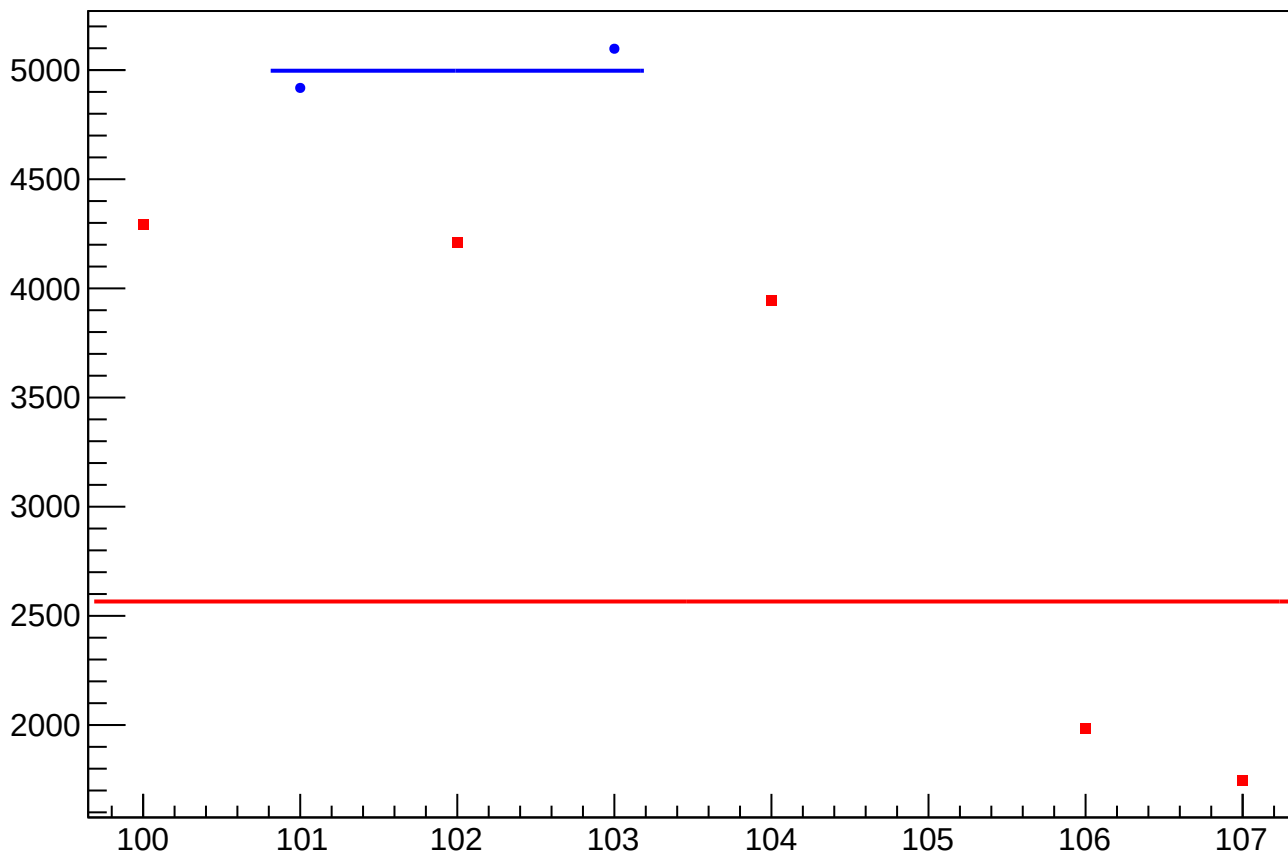
Right: -1727.212+/-1965.587 χ^2/NDF : 8.3/6

In: 3995.403+/-4550.441 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1727.212+/-1965.587 χ^2/NDF : 8.3/6

asym_atl_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 4997.029+/-3.218 χ^2/NDF : 765.9/1

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

Right Out: 2565.797+/-1.541 χ^2/NDF : 465924.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

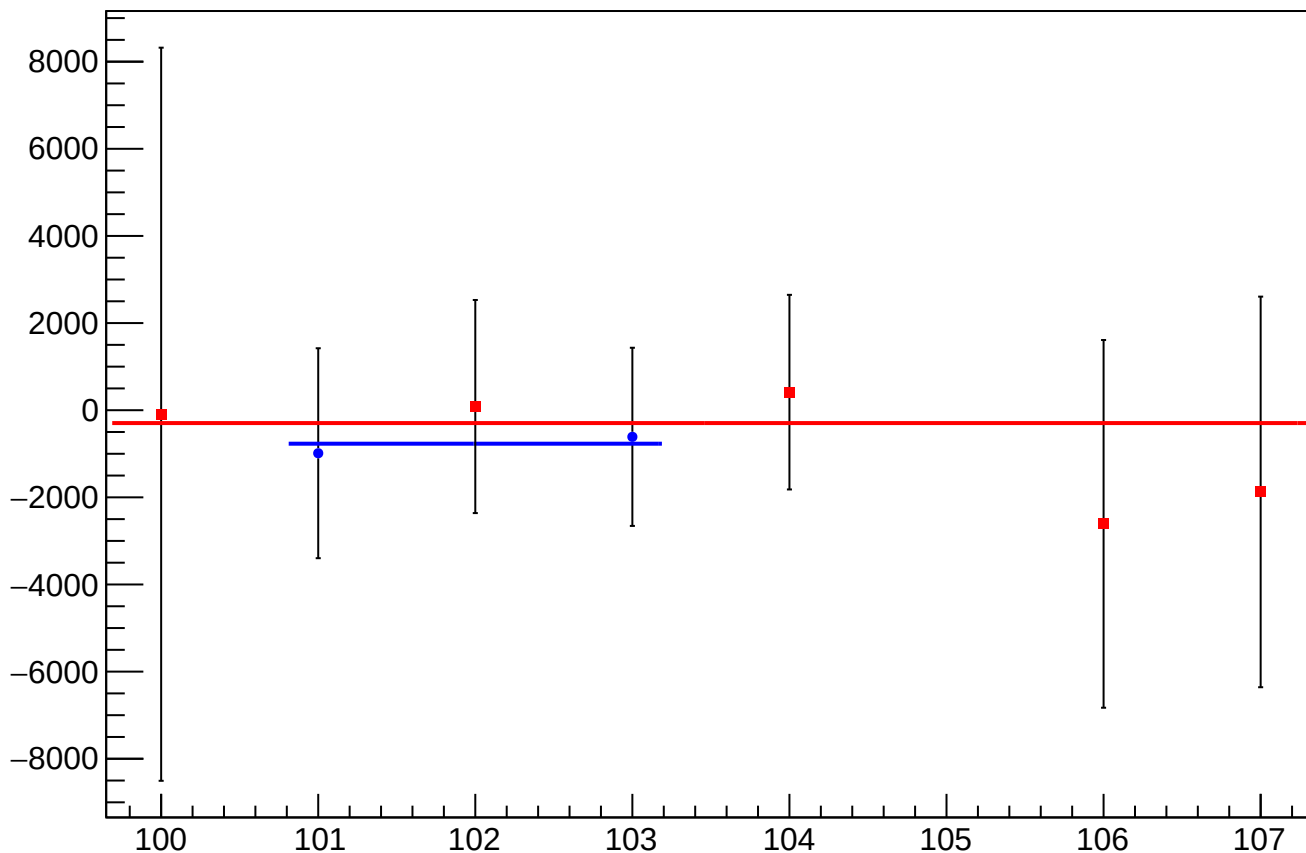
Right: 3019.429+/-1.390 χ^2/NDF : 931085.5/6

In: 4997.029+/-3.218 χ^2/NDF : 765.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3019.429+/-1.390 χ^2/NDF : 931085.5/6

eigen_cor_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -768.688+/-1558.939 χ^2/NDF : 0.0/1

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

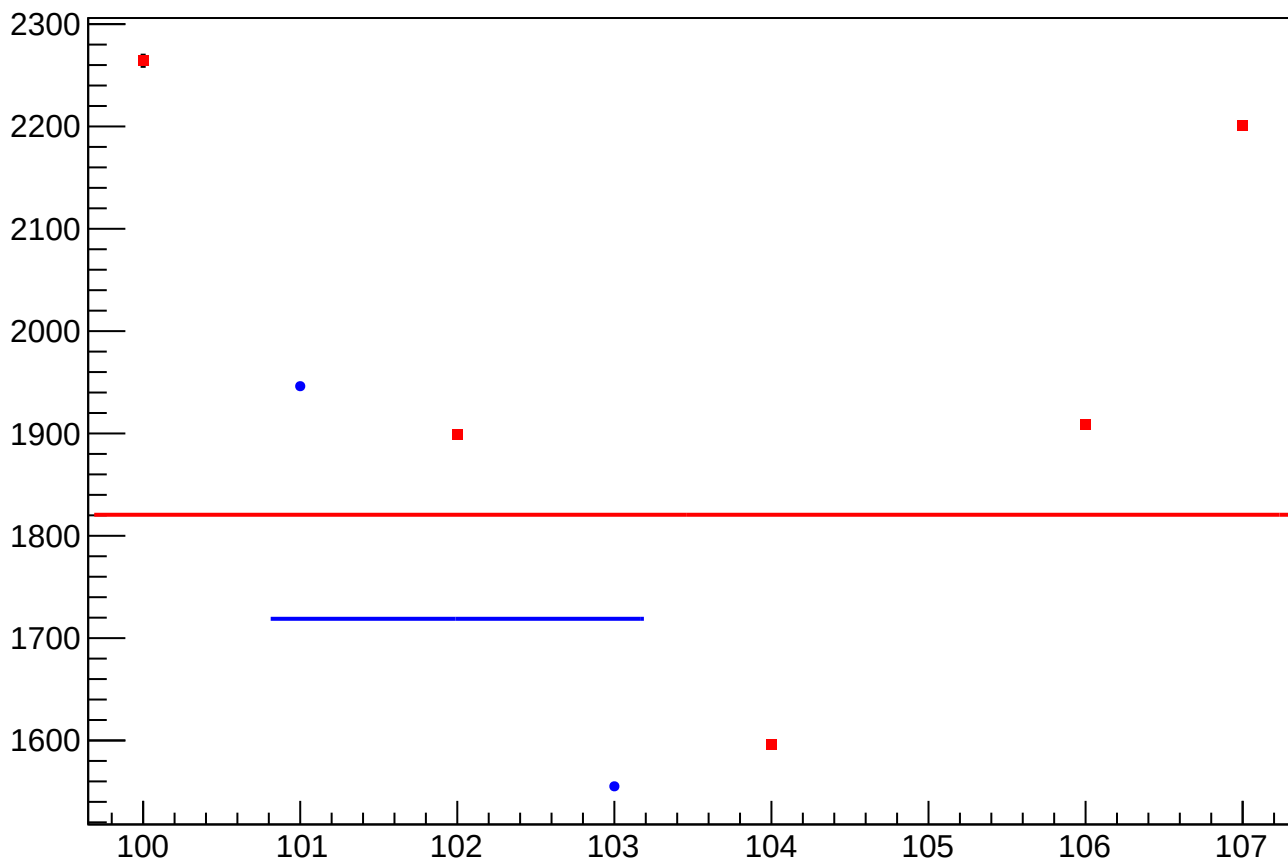
Right: -511.881+/-1054.565 χ^2/NDF : 0.6/6

In: -768.688+/-1558.939 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -511.881+/-1054.565 χ^2/NDF : 0.6/6

eigen_cor_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1718.898 $\pm$ 1.102 χ^2 /NDF: 30622.3/1

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

Right Out: 1820.555 $\pm$ 0.992 χ^2 /NDF: 43442.3/4

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

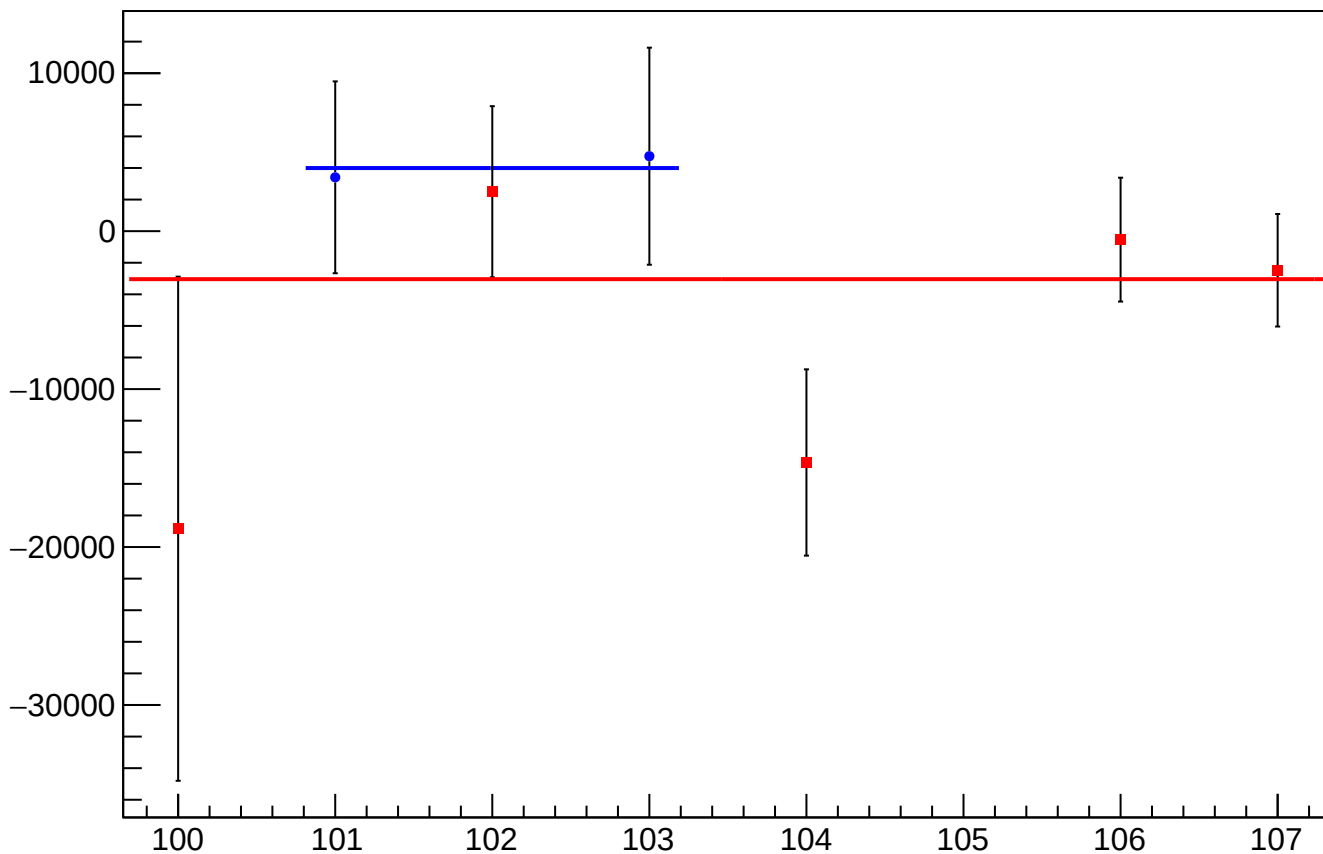
Right: 1775.083 $\pm$ 0.737 χ^2 /NDF: 78765.0/6

In: 1718.898 $\pm$ 1.102 χ^2 /NDF: 30622.3/1

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

All: 1775.083 $\pm$ 0.737 χ^2 /NDF: 78765.0/6

asym_atl_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 3995.403+/-4550.441 χ^2/NDF : 0.0/1

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

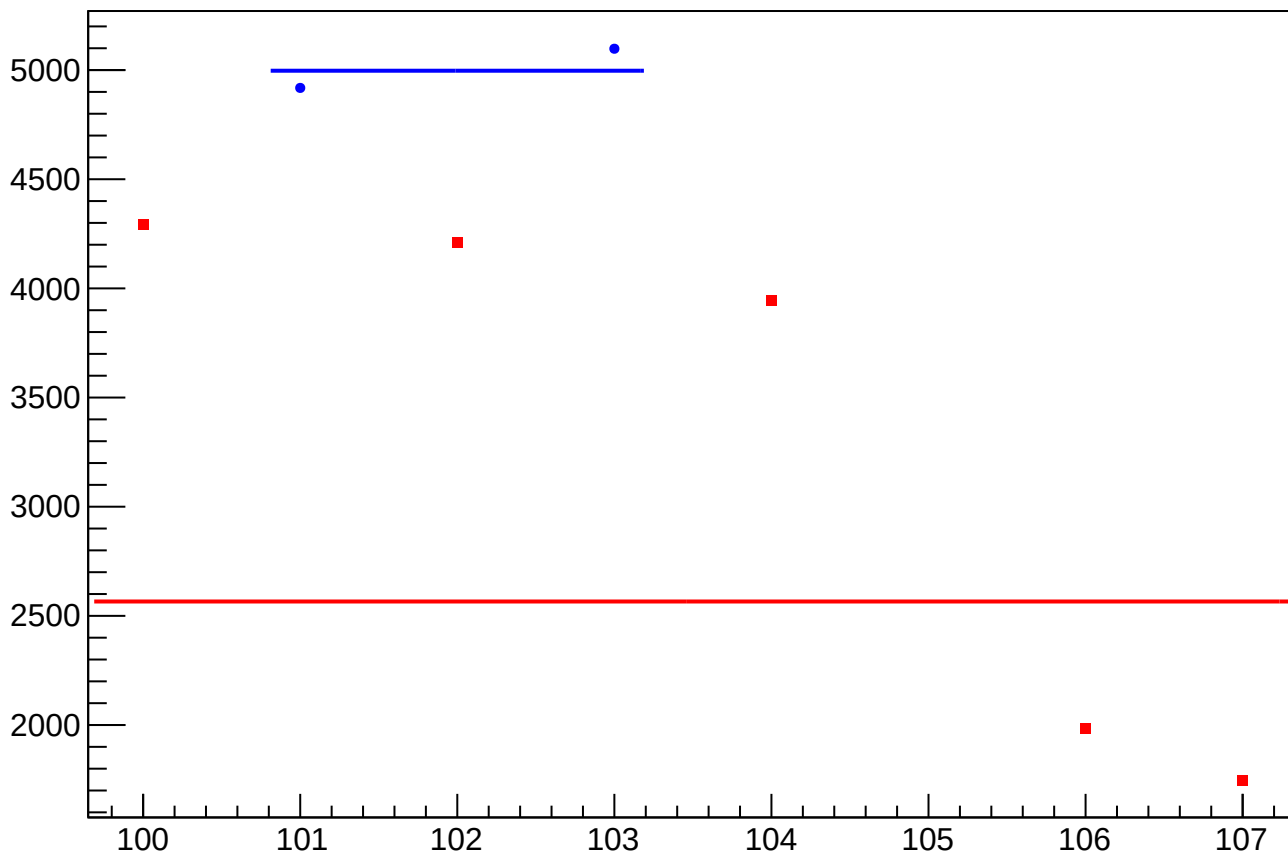
Right: -1727.212+/-1965.587 χ^2/NDF : 8.3/6

In: 3995.403+/-4550.441 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1727.212+/-1965.587 χ^2/NDF : 8.3/6

asym_atl_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4997.029+/-3.218 χ^2/NDF : 765.9/1

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

Right Out: 2565.797+/-1.541 χ^2/NDF : 465924.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

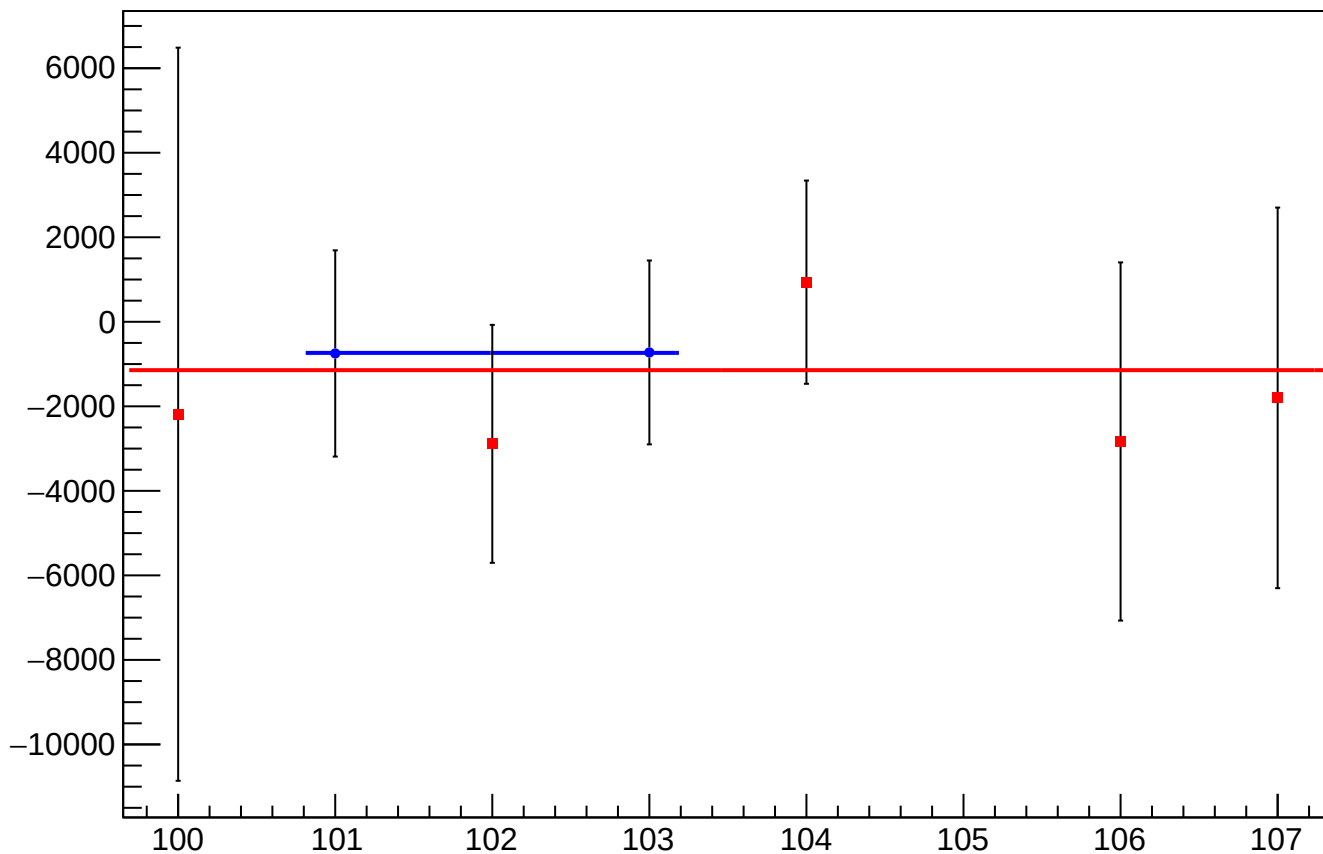
Right: 3019.429+/-1.390 χ^2/NDF : 931085.5/6

In: 4997.029+/-3.218 χ^2/NDF : 765.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3019.429+/-1.390 χ^2/NDF : 931085.5/6

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -735.628+/-1623.711 χ^2/NDF : 0.0/1

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

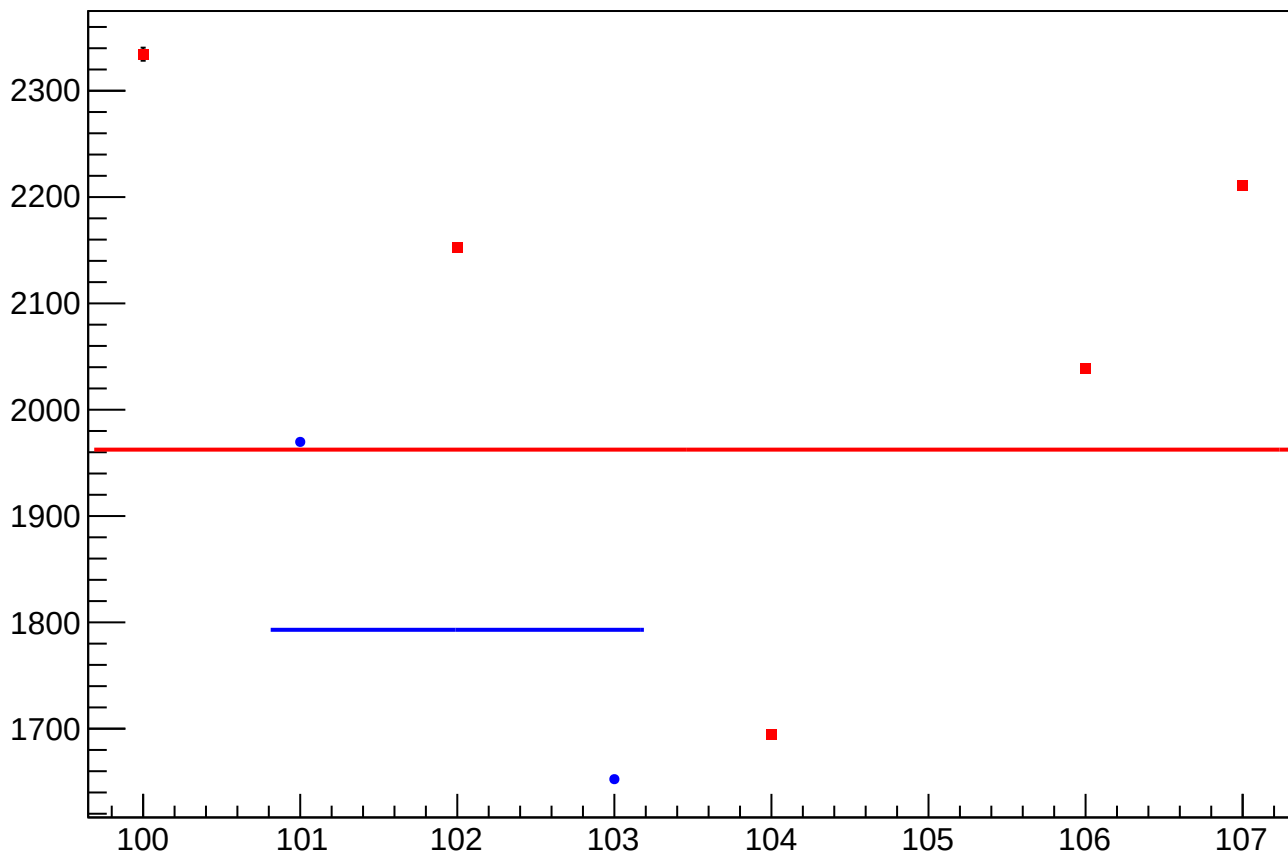
Right: -949.833+/-1120.307 χ^2/NDF : 1.4/6

In: -735.628+/-1623.711 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -949.833+/-1120.307 χ^2/NDF : 1.4/6

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1793.003 ± 1.148 χ^2/NDF : 18834.7/1

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

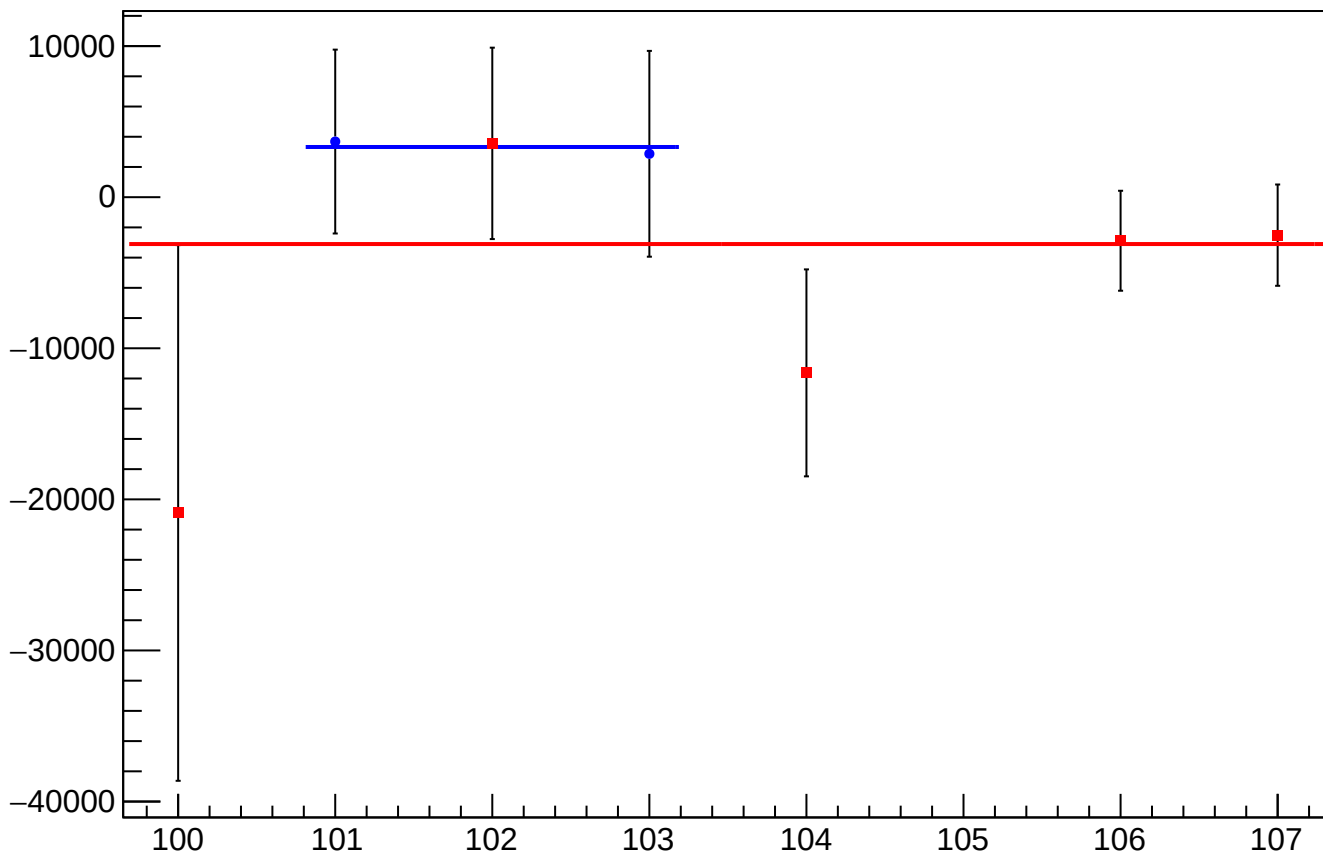
Right: 1882.906 ± 0.787 χ^2/NDF : 74786.6/6

In: 1793.003 ± 1.148 χ^2/NDF : 18834.7/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1882.906 ± 0.787 χ^2/NDF : 74786.6/6

asym_atl_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 3322.357+/-4537.519 χ^2/NDF : 0.0/1

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

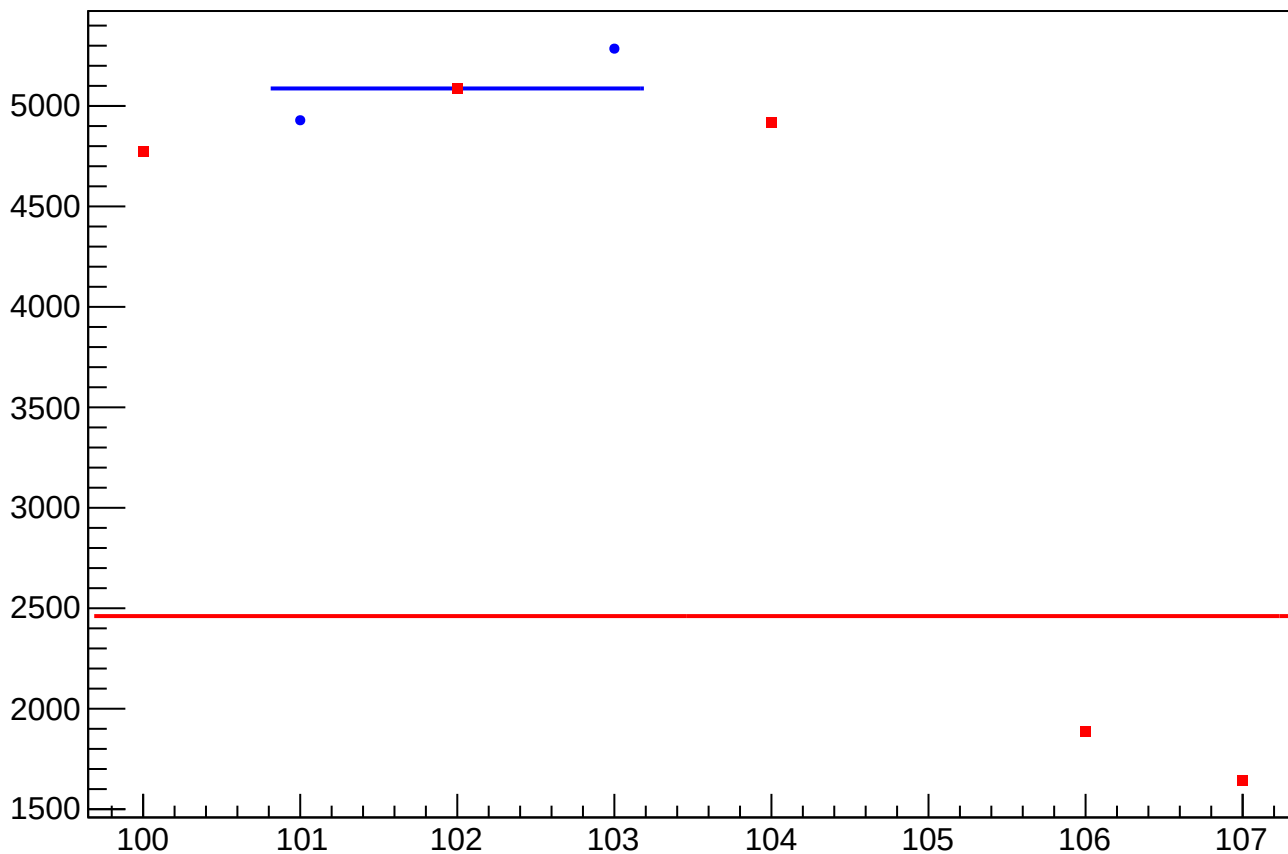
Right: -1980.431+/-1895.404 χ^2/NDF : 5.4/6

In: 3322.357+/-4537.519 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1980.431+/-1895.404 χ^2/NDF : 5.4/6

asym_atl_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 5087.107+/-3.209 χ^2/NDF : 3045.3/1

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

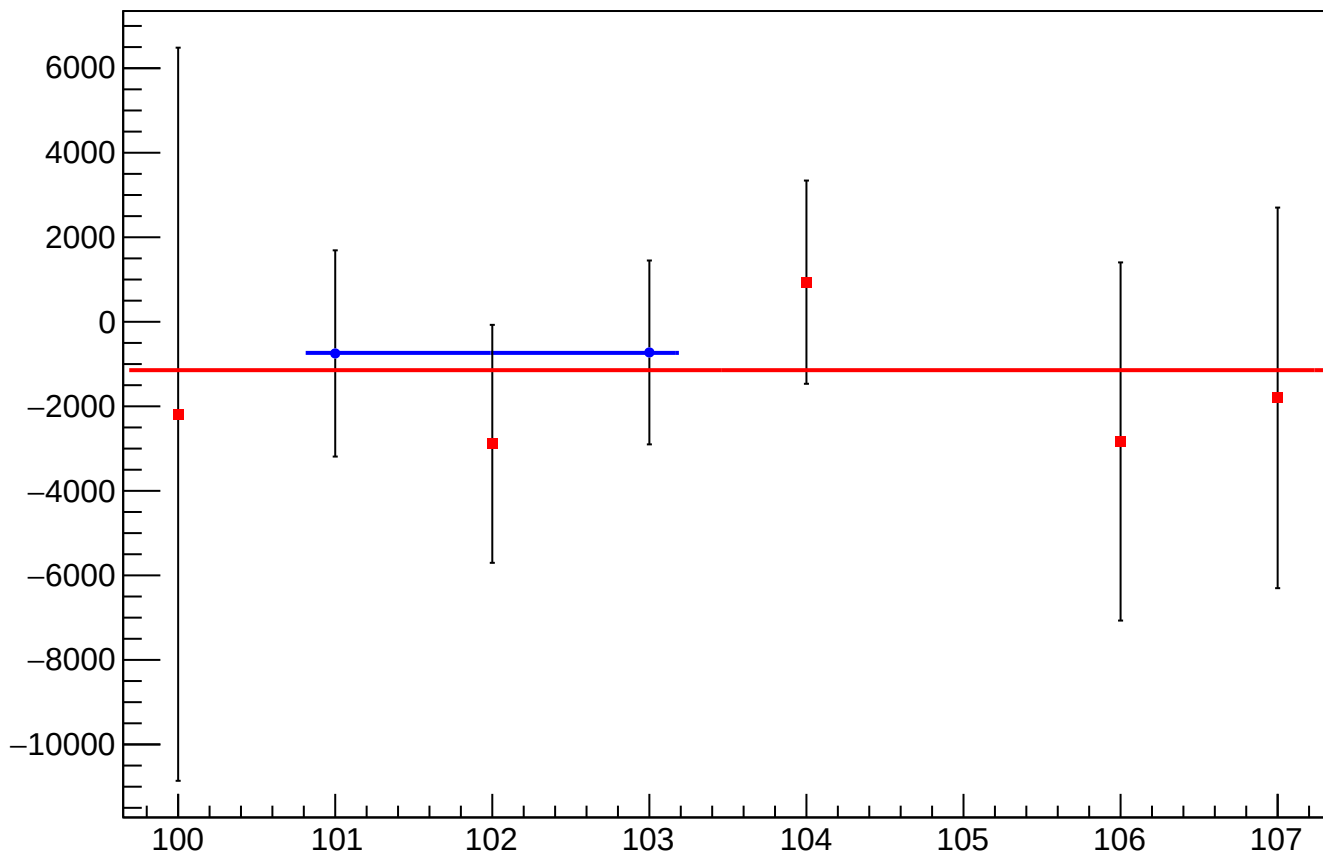
Right: 2919.263+/-1.340 χ^2/NDF : 1370292.0/6

In: 5087.107+/-3.209 χ^2/NDF : 3045.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2919.263+/-1.340 χ^2/NDF : 1370292.0/6

eigen_dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -735.634 $\pm$ 1623.709 χ^2 /NDF: 0.0/1

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

Right Out: -1144.464 $\pm$ 1547.725 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

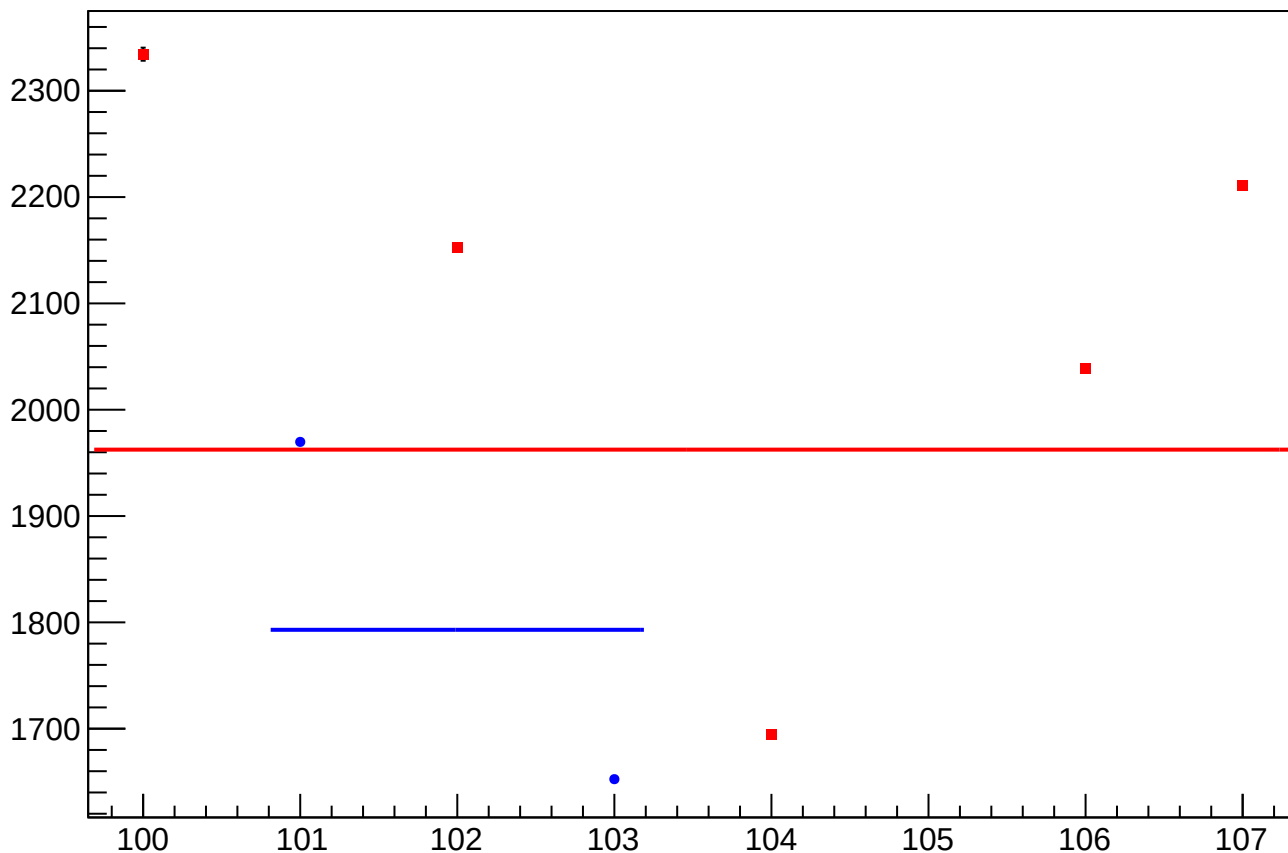
Right: -949.839 $\pm$ 1120.306 χ^2 /NDF: 1.4/6

In: -735.634 $\pm$ 1623.709 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -949.839 $\pm$ 1120.306 χ^2 /NDF: 1.4/6

eigen_dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1793.002 $\pm$ 1.148 χ^2 /NDF: 18834.9/1

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

Right Out: 1962.463 $\pm$ 1.080 χ^2 /NDF: 44394.4/4

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

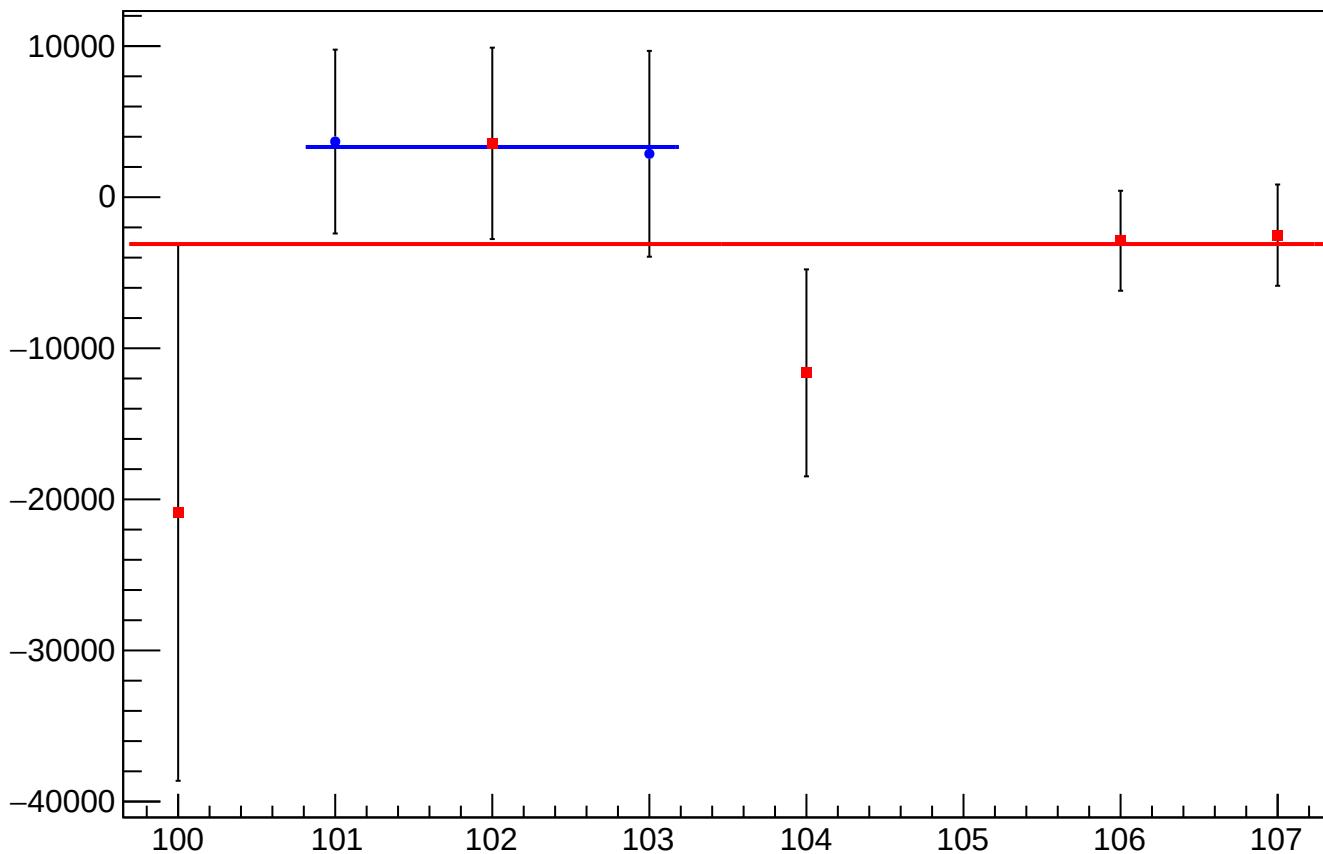
Right: 1882.904 $\pm$ 0.787 χ^2 /NDF: 74786.8/6

In: 1793.002 $\pm$ 1.148 χ^2 /NDF: 18834.9/1

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

All: 1882.904 $\pm$ 0.787 χ^2 /NDF: 74786.8/6

asym_atl_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 3322.354+/-4537.518 χ^2/NDF : 0.0/1

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

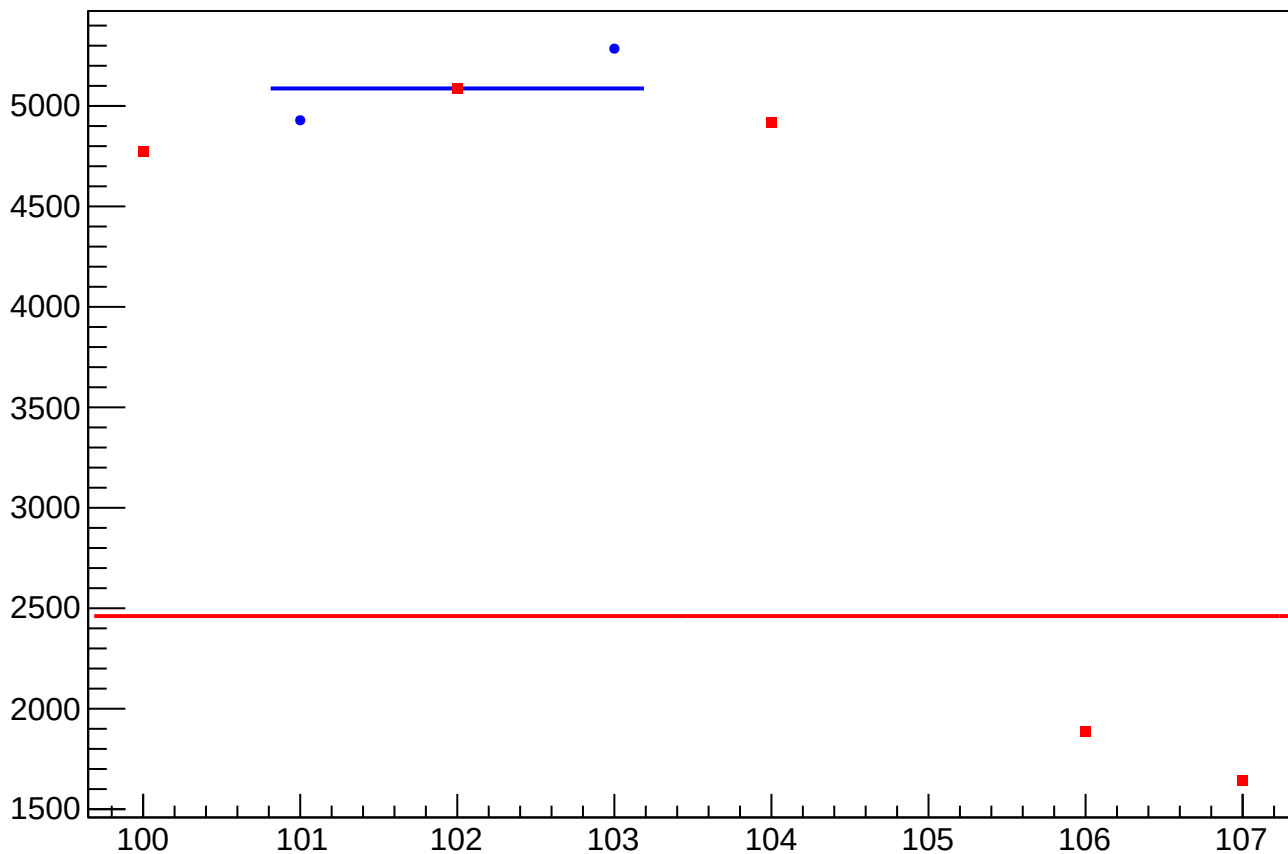
Right: -1980.428+/-1895.401 χ^2/NDF : 5.4/6

In: 3322.354+/-4537.518 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1980.428+/-1895.401 χ^2/NDF : 5.4/6

asym_atl_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5087.106+/-3.209 χ^2/NDF : 3045.5/1

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

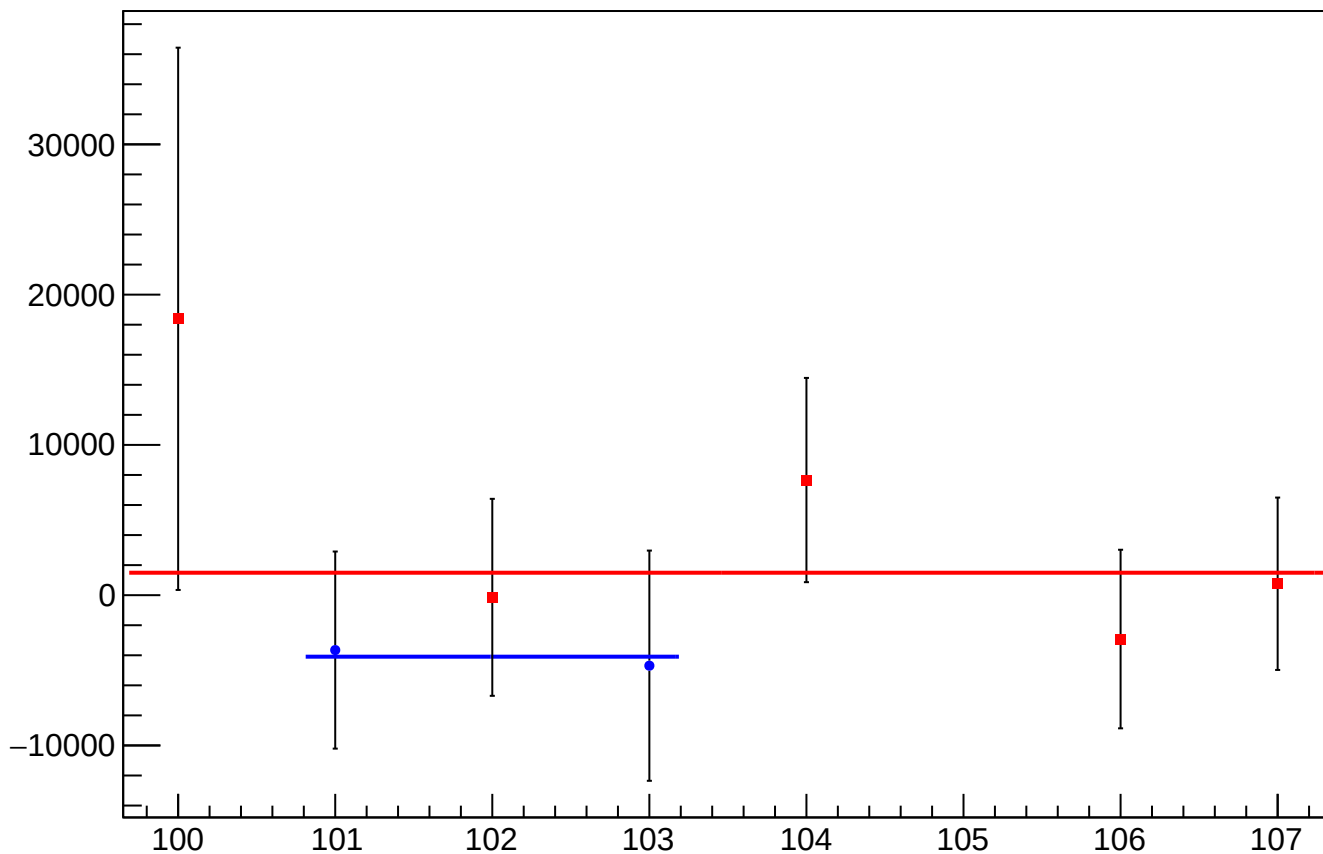
Right: 2919.256+/-1.340 χ^2/NDF : 1370299.0/6

In: 5087.106+/-3.209 χ^2/NDF : 3045.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2919.256+/-1.340 χ^2/NDF : 1370299.0/6

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -4092.553 $\pm$ 4981.843 χ^2 /NDF: 0.0/1

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

Right Out: 1494.310 $\pm$ 3061.131 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

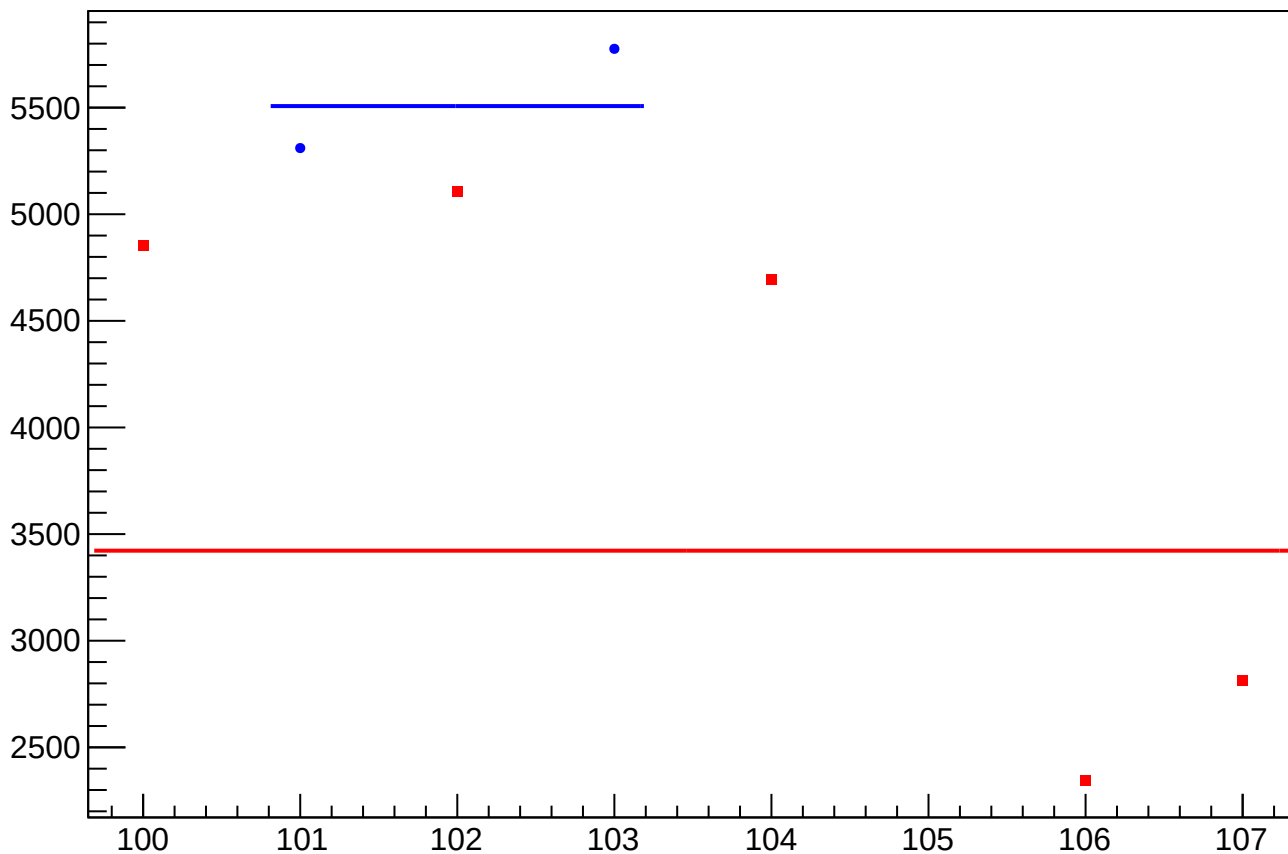
Right: -36.925 $\pm$ 2608.117 χ^2 /NDF: 3.3/6

In: -4092.553 $\pm$ 4981.843 χ^2 /NDF: 0.0/1

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

All: -36.925 $\pm$ 2608.117 χ^2 /NDF: 3.3/6

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 5507.195+/-3.523 χ^2/NDF : 4259.7/1

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

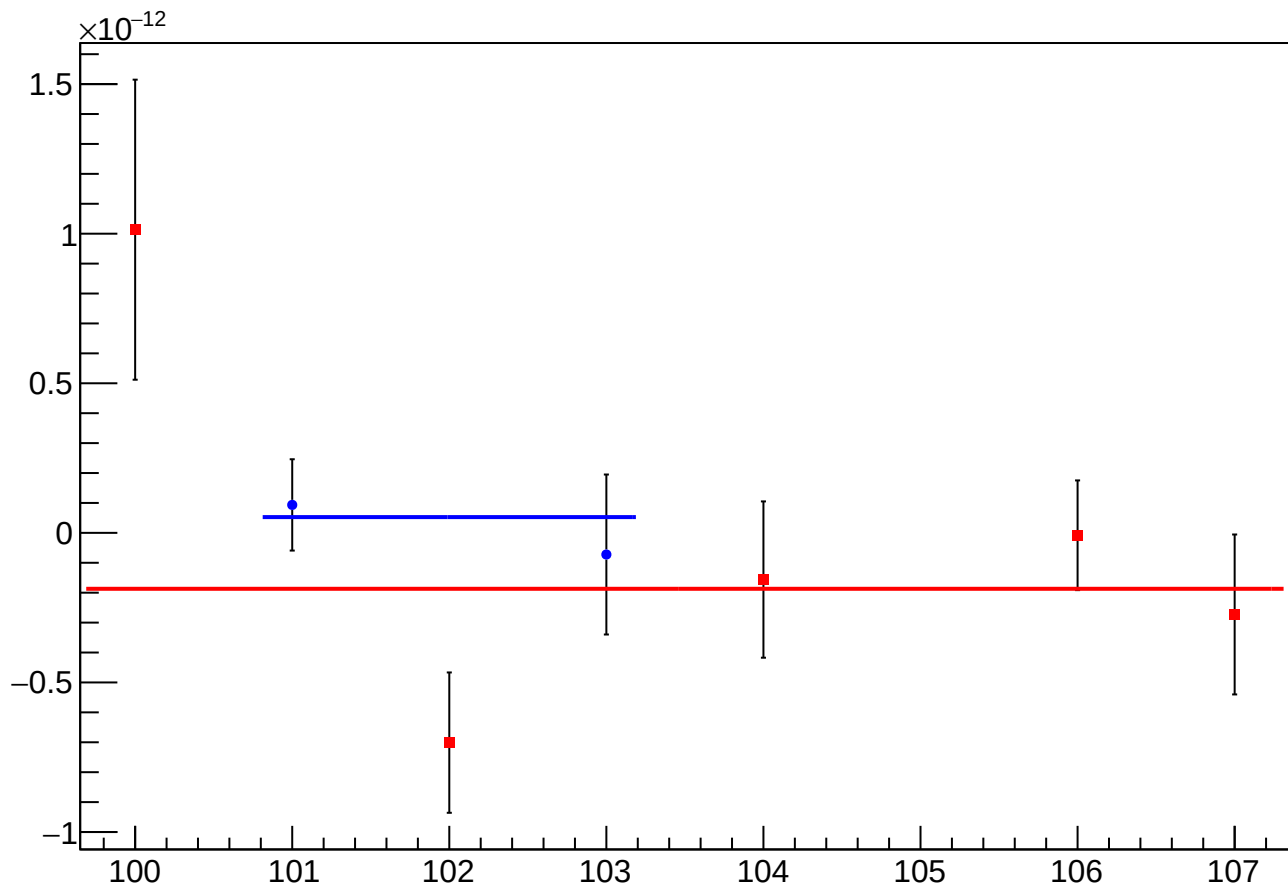
Right: 3923.185+/-1.727 χ^2/NDF : 621149.8/6

In: 5507.195+/-3.523 χ^2/NDF : 4259.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3923.185+/-1.727 χ^2/NDF : 621149.8/6

asym_atl_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.3/1

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

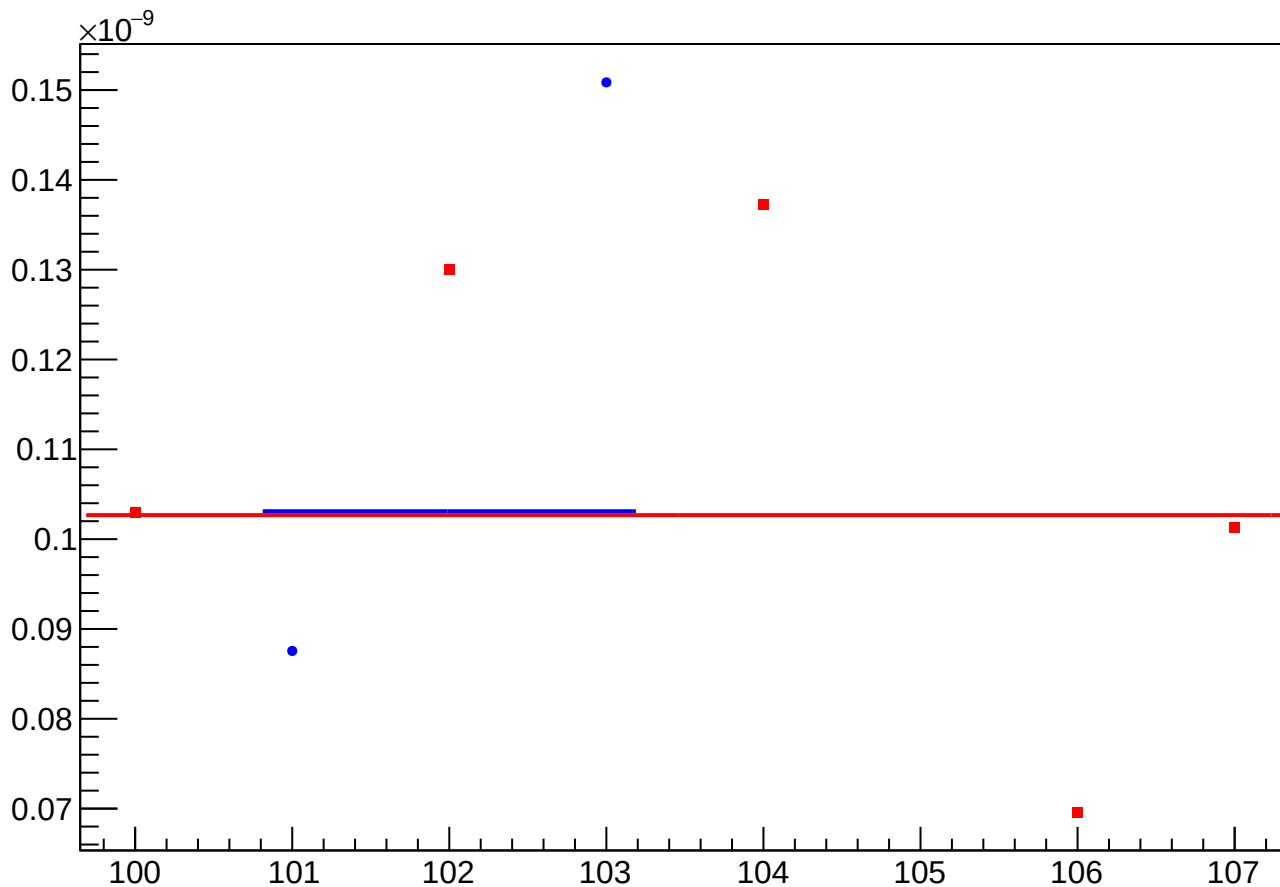
Right: -0.000+/-0.000 χ^2/NDF : 13.8/6

In: 0.000+/-0.000 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.8/6

asym_atl_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 84550.4/1

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

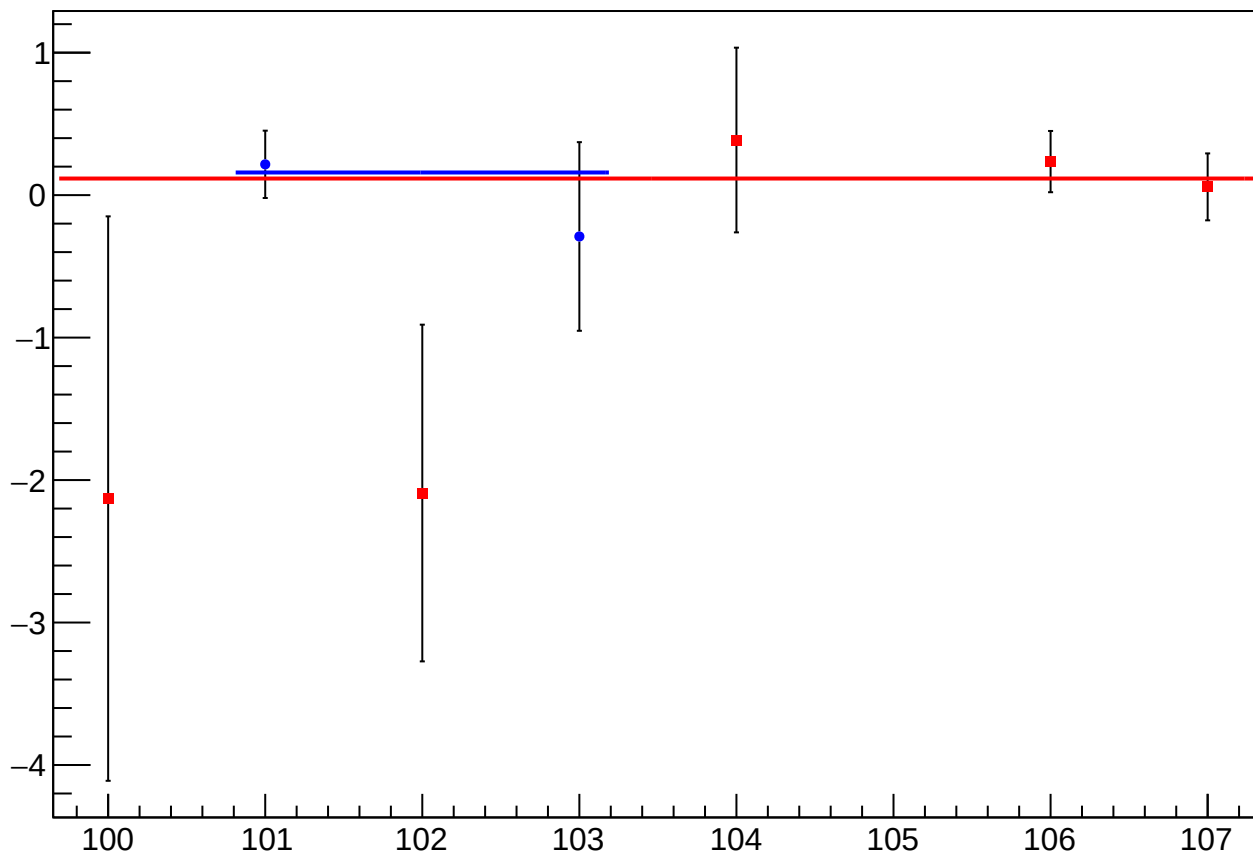
Right: 0.000+/-0.000 χ^2/NDF : 212129.1/6

In: 0.000+/-0.000 χ^2/NDF : 84550.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 212129.1/6

asym_atl_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.159 $\pm$ 0.223 χ^2 /NDF: 0.5/1

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

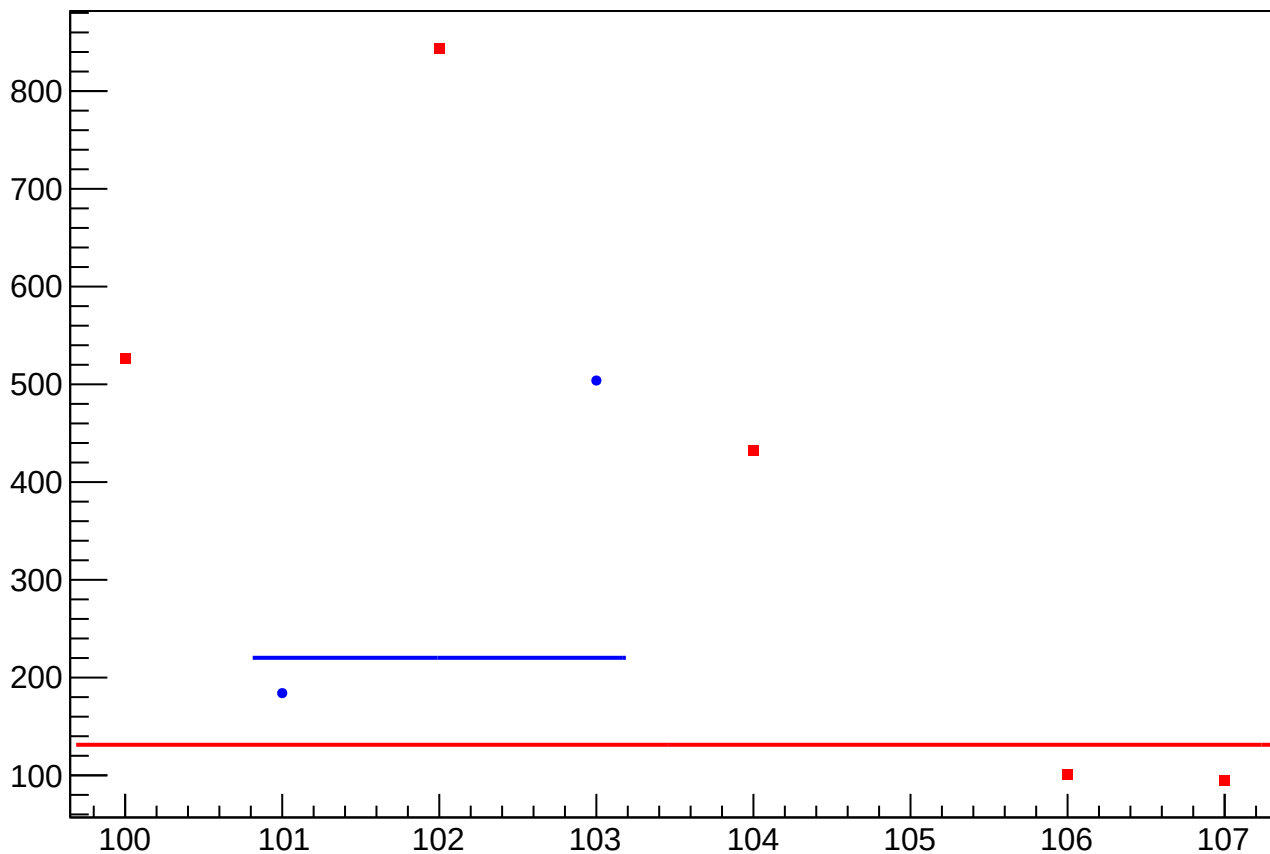
Right: 0.130 $\pm$ 0.126 χ^2 /NDF: 5.9/6

In: 0.159 $\pm$ 0.223 χ^2 /NDF: 0.5/1

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

All: 0.130 $\pm$ 0.126 χ^2 /NDF: 5.9/6

asym_atl_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 220.238+/-0.157 χ^2/NDF : 414007.1/1

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

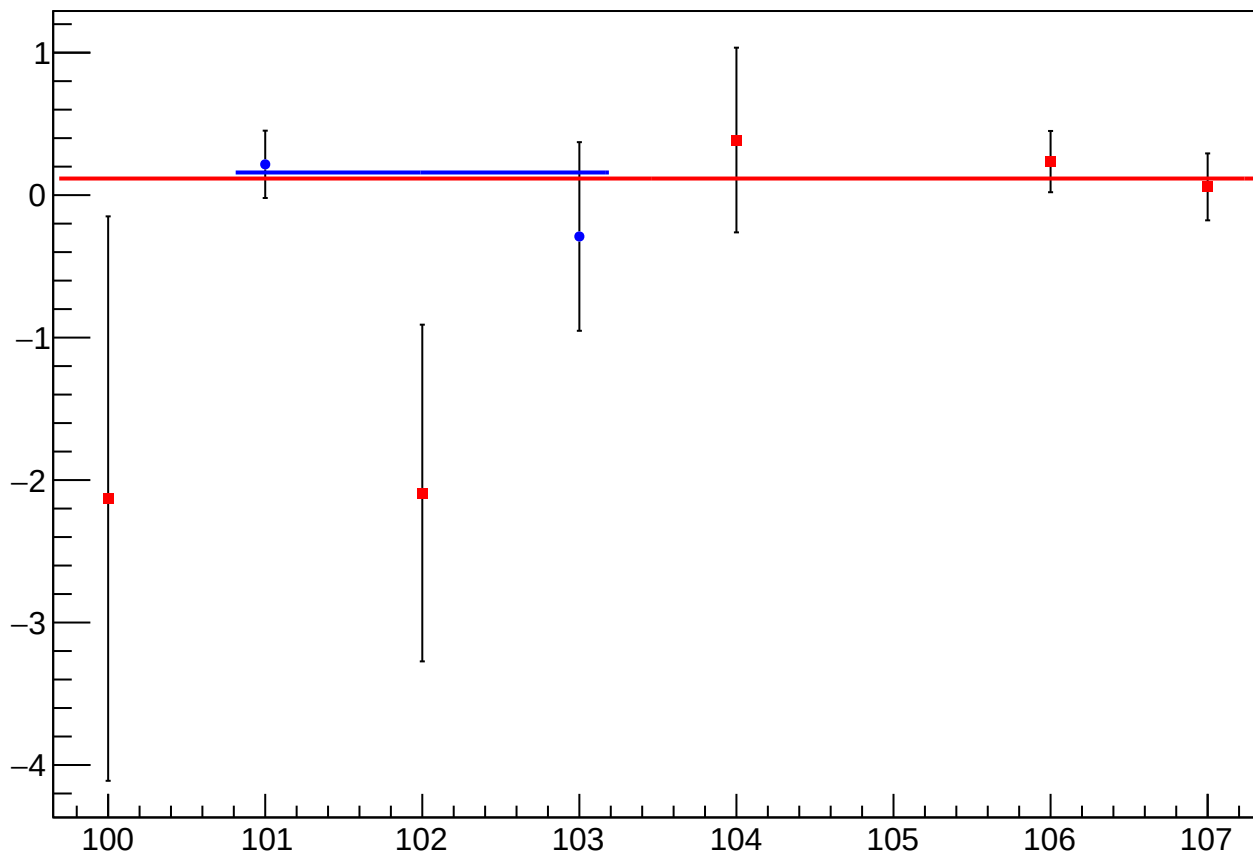
Right: 159.642+/-0.089 χ^2/NDF : 1958251.3/6

In: 220.238+/-0.157 χ^2/NDF : 414007.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.642+/-0.089 χ^2/NDF : 1958251.3/6

asym_atl_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.159 $\pm$ 0.223 χ^2 /NDF: 0.5/1

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

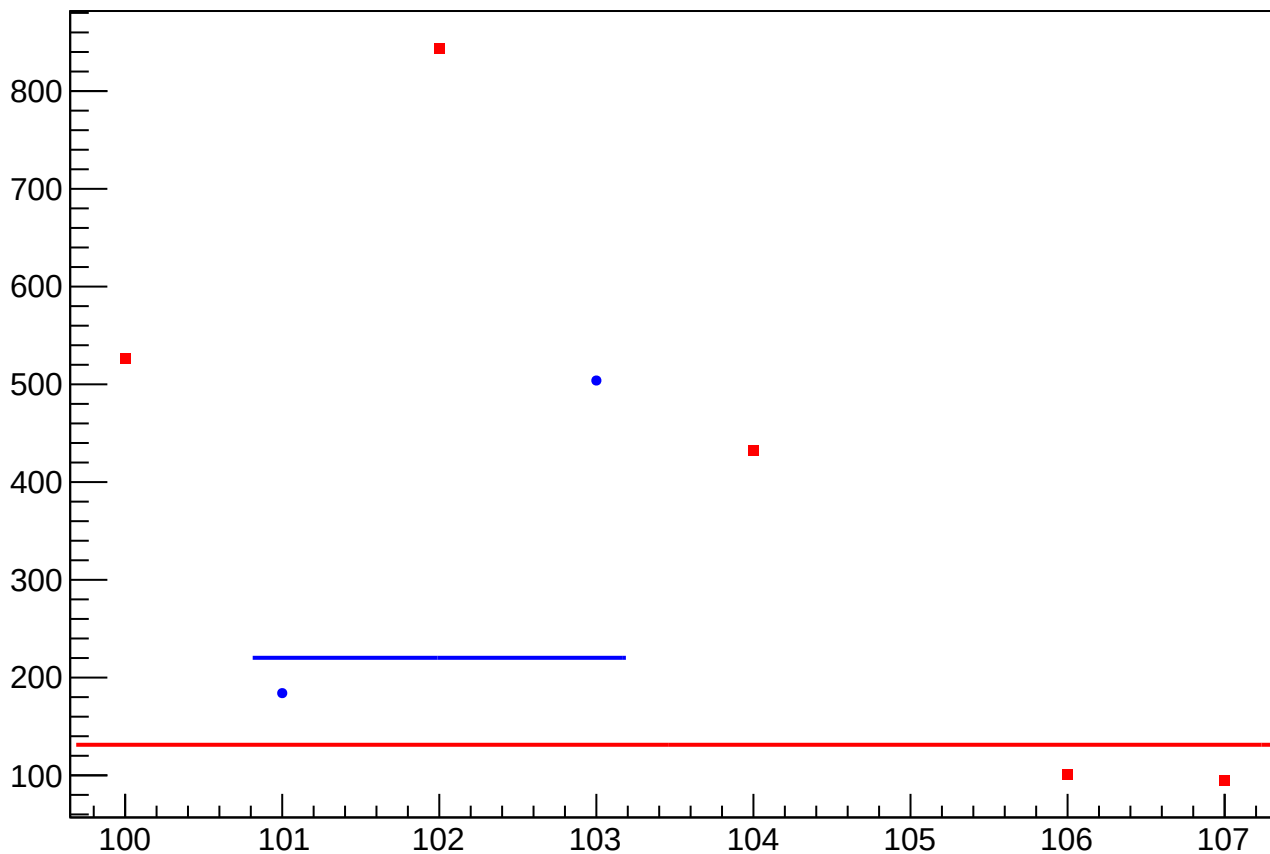
Right: 0.130 $\pm$ 0.126 χ^2 /NDF: 5.9/6

In: 0.159 $\pm$ 0.223 χ^2 /NDF: 0.5/1

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

All: 0.130 $\pm$ 0.126 χ^2 /NDF: 5.9/6

asym_atl_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 220.238+/-0.157 χ^2/NDF : 414007.1/1

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

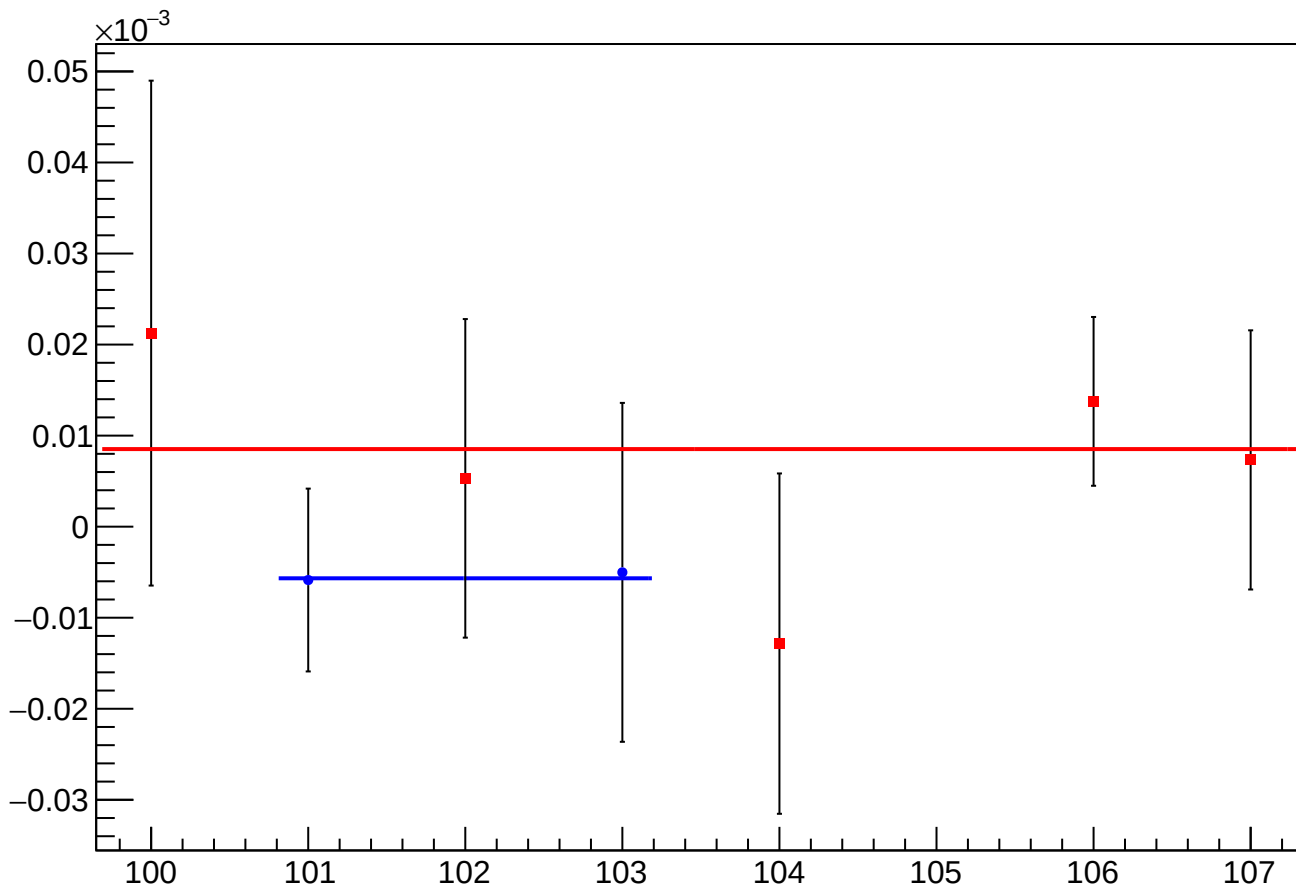
Right: 159.642+/-0.089 χ^2/NDF : 1958251.3/6

In: 220.238+/-0.157 χ^2/NDF :414007.1/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 159.642+/-0.089 χ^2/NDF : 1958251.3/6

asym_atl_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/1

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

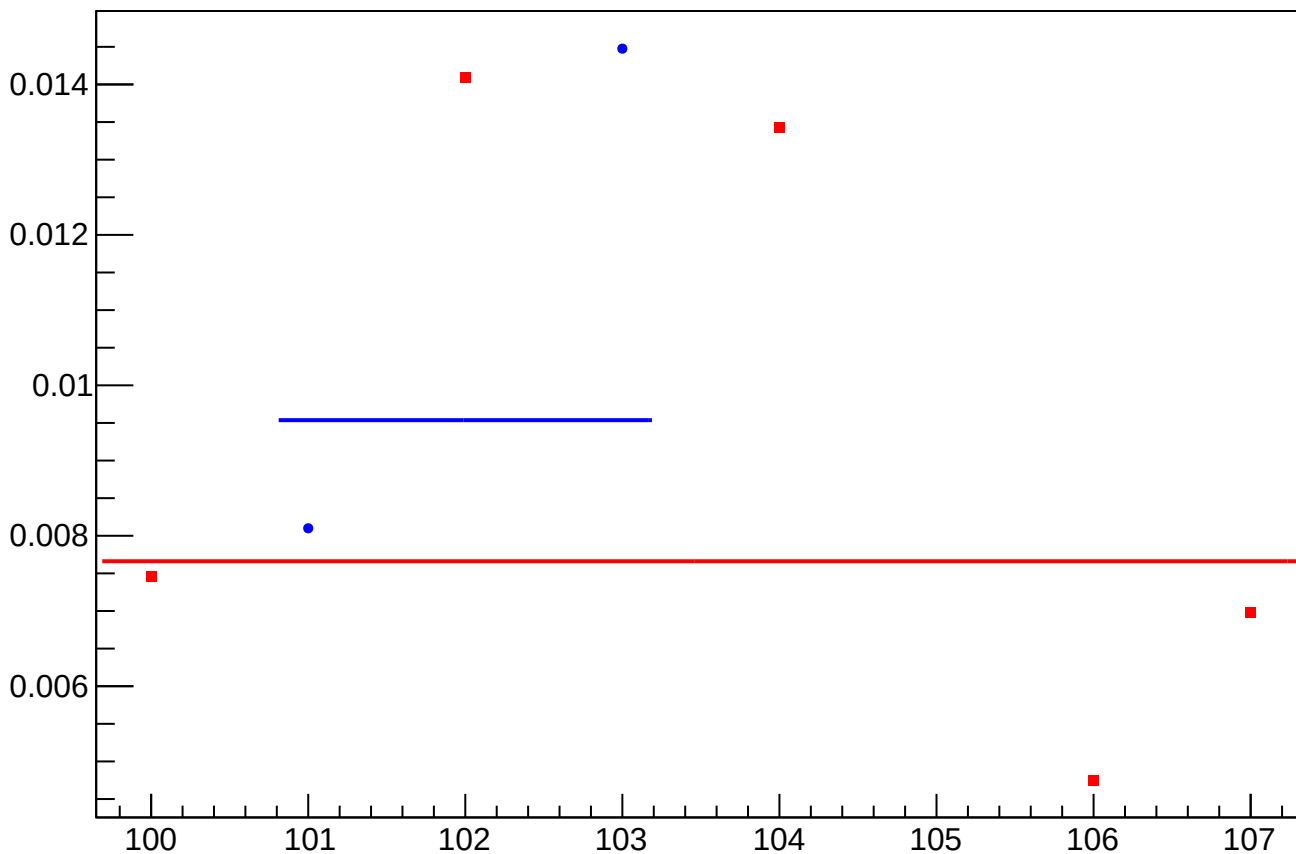
Right: 0.000+/-0.000 χ^2/NDF : 3.6/6

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.6/6

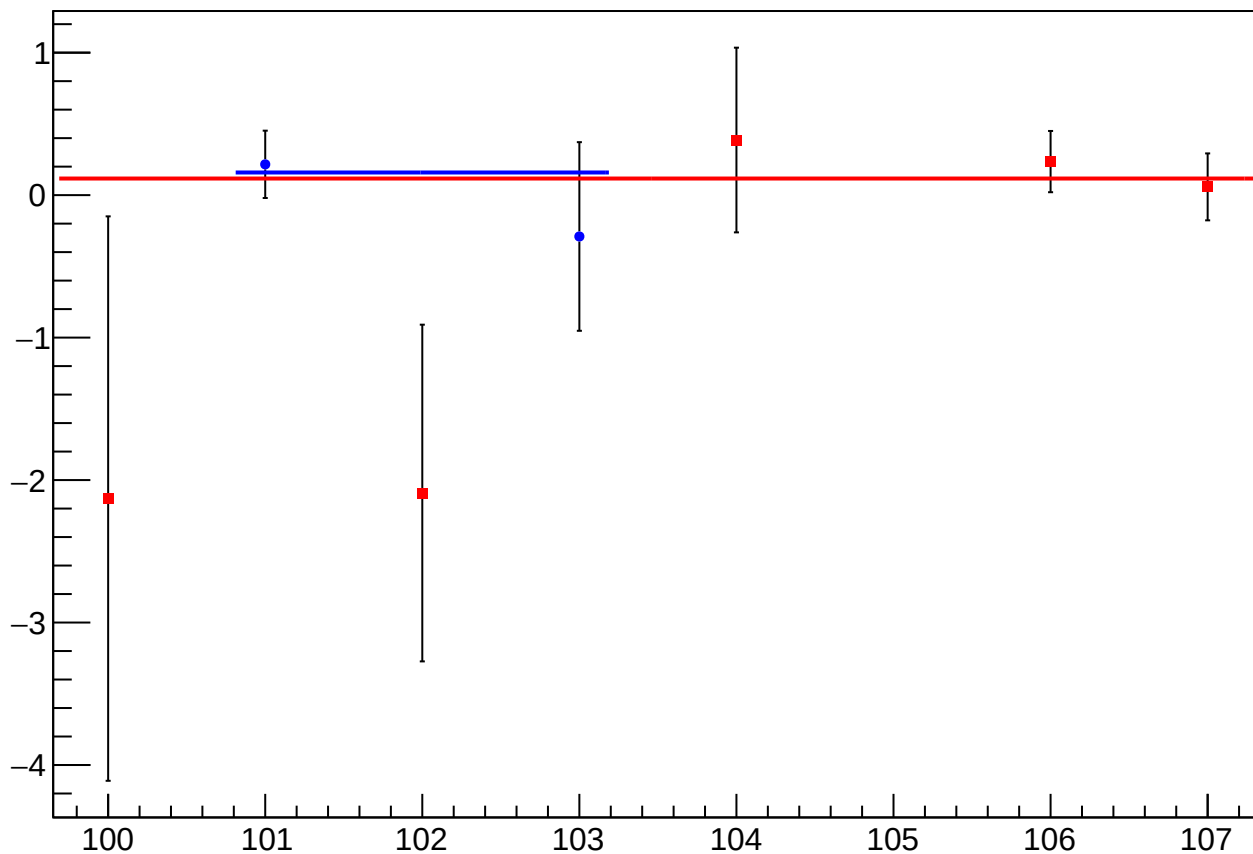
asym_atl_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 181813.3/1
 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: 0.008+/-0.000 χ^2/NDF : 903211.1/6
 In: 0.010+/-0.000 χ^2/NDF : 181813.3/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.008+/-0.000 χ^2/NDF : 903211.1/6

asym_atl_dd_eigen_dit_vs_slug_Sign_Corrected



Right In: 0.159 $\pm$ 0.223 χ^2 /NDF: 0.5/1

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

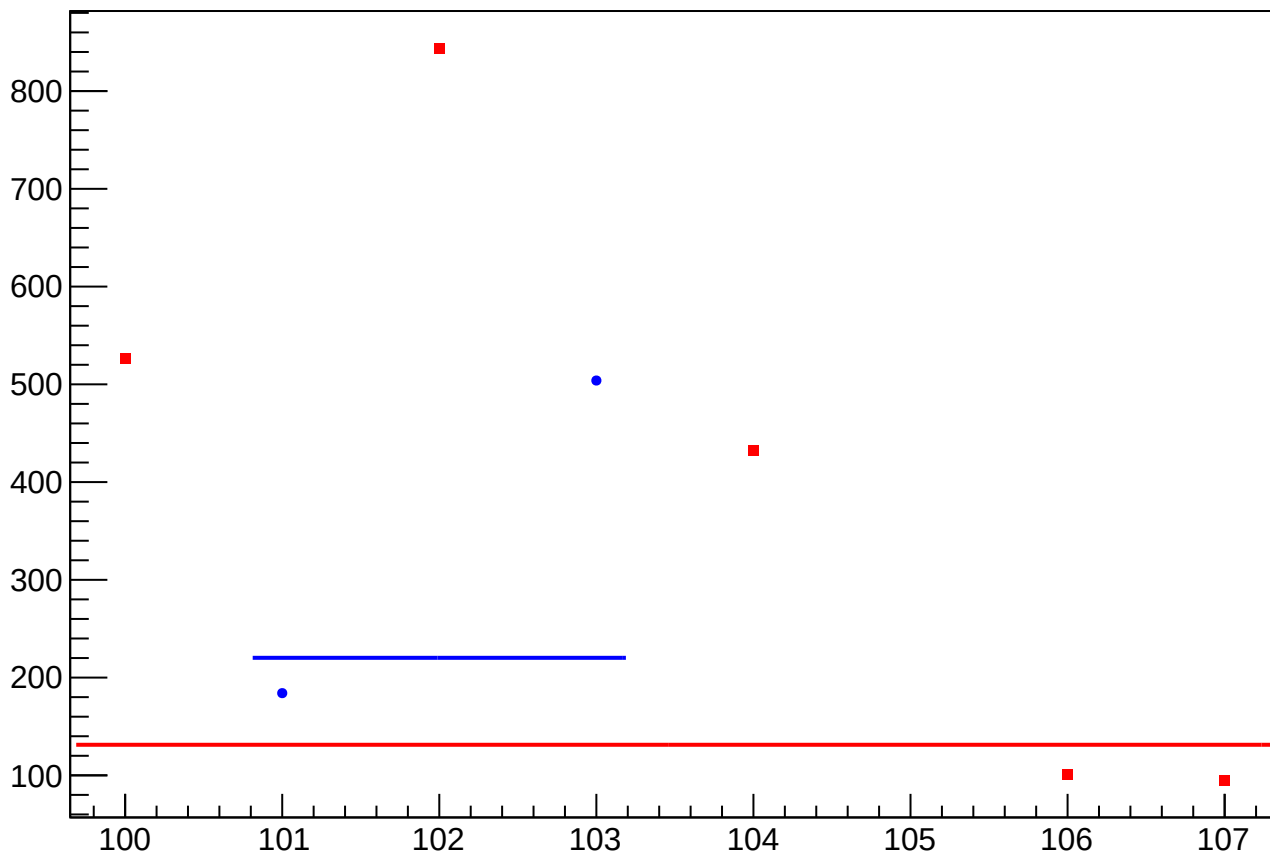
Right: 0.130 $\pm$ 0.126 χ^2 /NDF: 5.9/6

In: 0.159 $\pm$ 0.223 χ^2 /NDF: 0.5/1

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

All: 0.130 $\pm$ 0.126 χ^2 /NDF: 5.9/6

asym_atl_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 220.235 $\pm$ 0.157 χ^2 /NDF: 414006.8/1

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

Right Out: 131.269 $\pm$ 0.108 χ^2 /NDF: 1326467.8/4

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

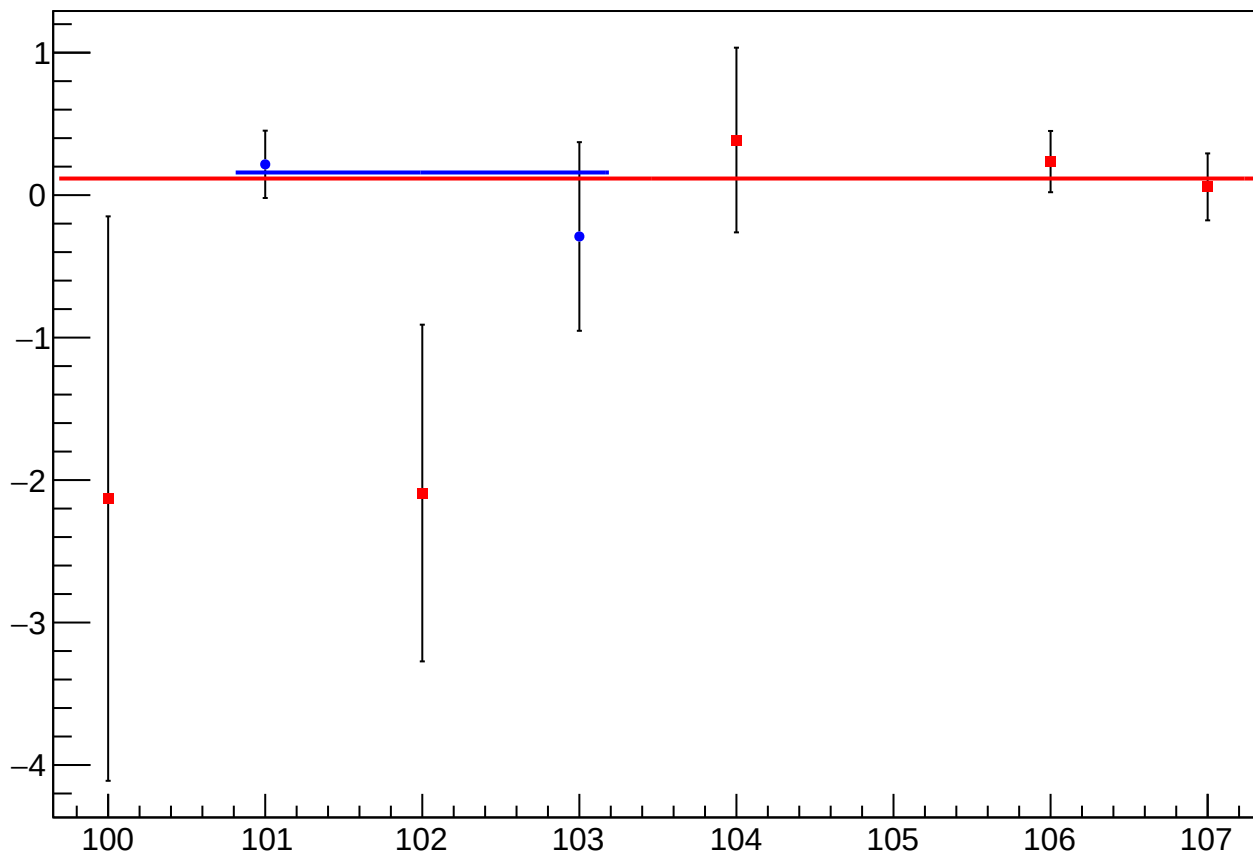
Right: 159.647 $\pm$ 0.089 χ^2 /NDF: 1958157.1/6

In: 220.235 $\pm$ 0.157 χ^2 /NDF:414006.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 159.647 $\pm$ 0.089 χ^2 /NDF: 1958157.1/6

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.159 $\pm$ 0.223 χ^2 /NDF: 0.5/1

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

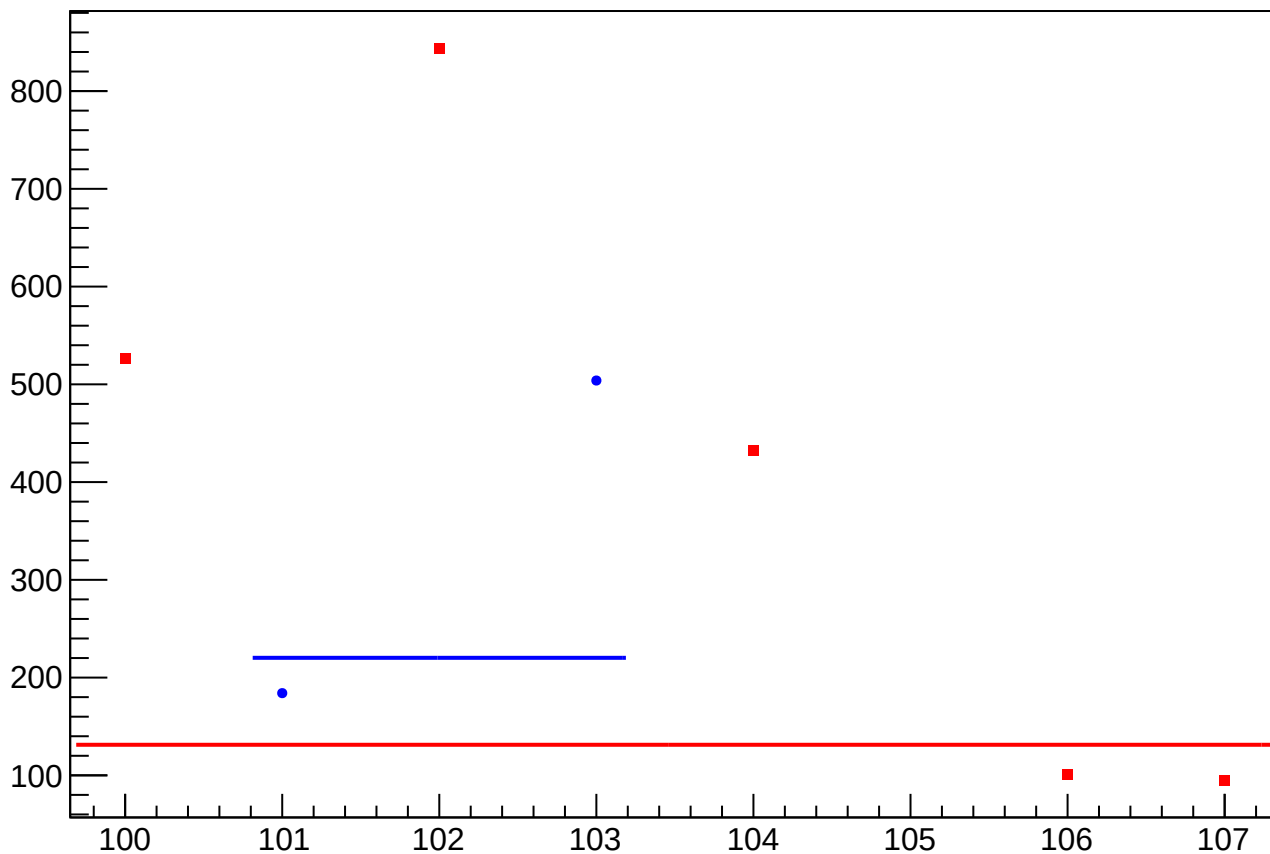
Right: 0.130 $\pm$ 0.126 χ^2 /NDF: 5.9/6

In: 0.159 $\pm$ 0.223 χ^2 /NDF:0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.130 $\pm$ 0.126 χ^2 /NDF: 5.9/6

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 220.235+/-0.157 χ^2/NDF : 414006.8/1

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

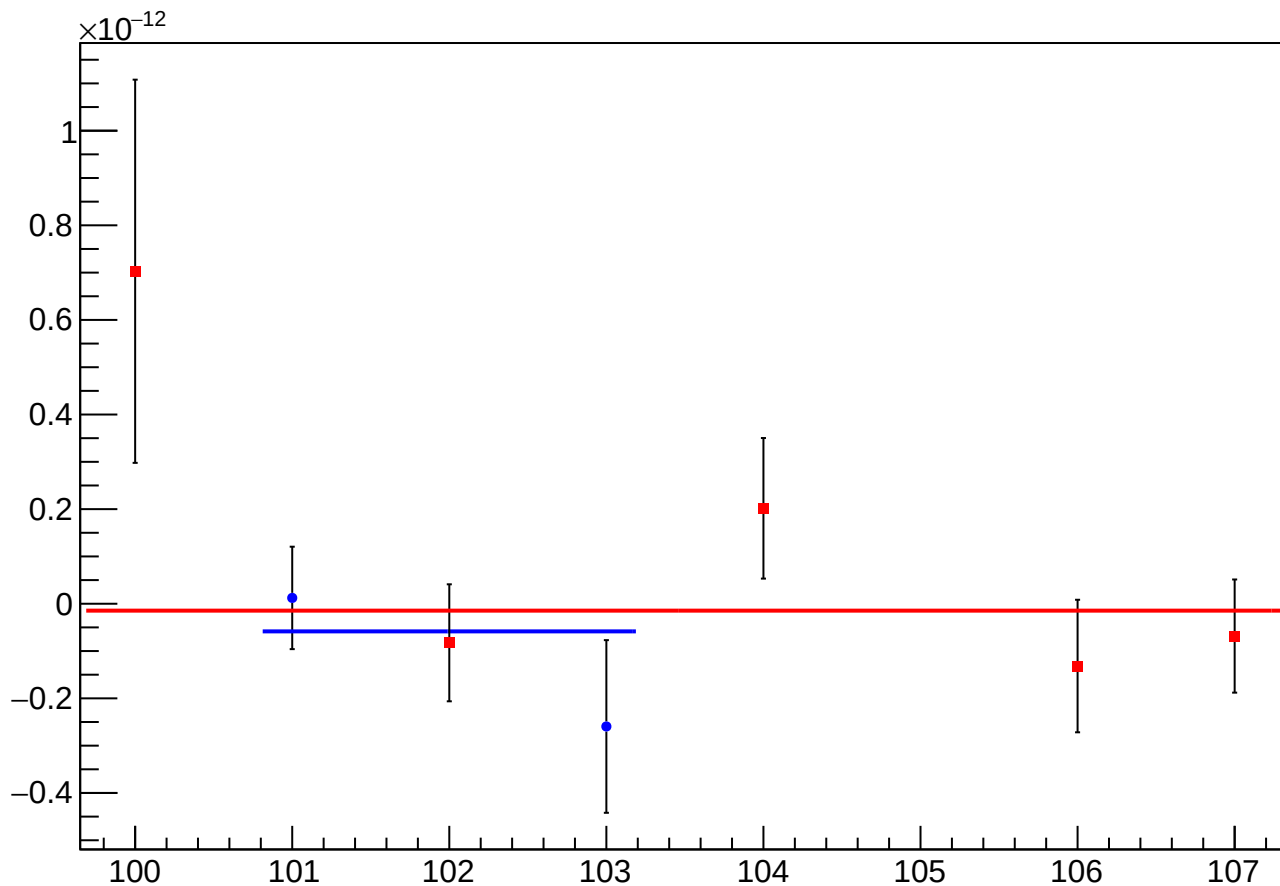
Right: 159.647+/-0.089 χ^2/NDF : 1958157.1/6

In: 220.235+/-0.157 χ^2/NDF :414006.8/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 159.647+/-0.089 χ^2/NDF : 1958157.1/6

asym_atl_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.6/1

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

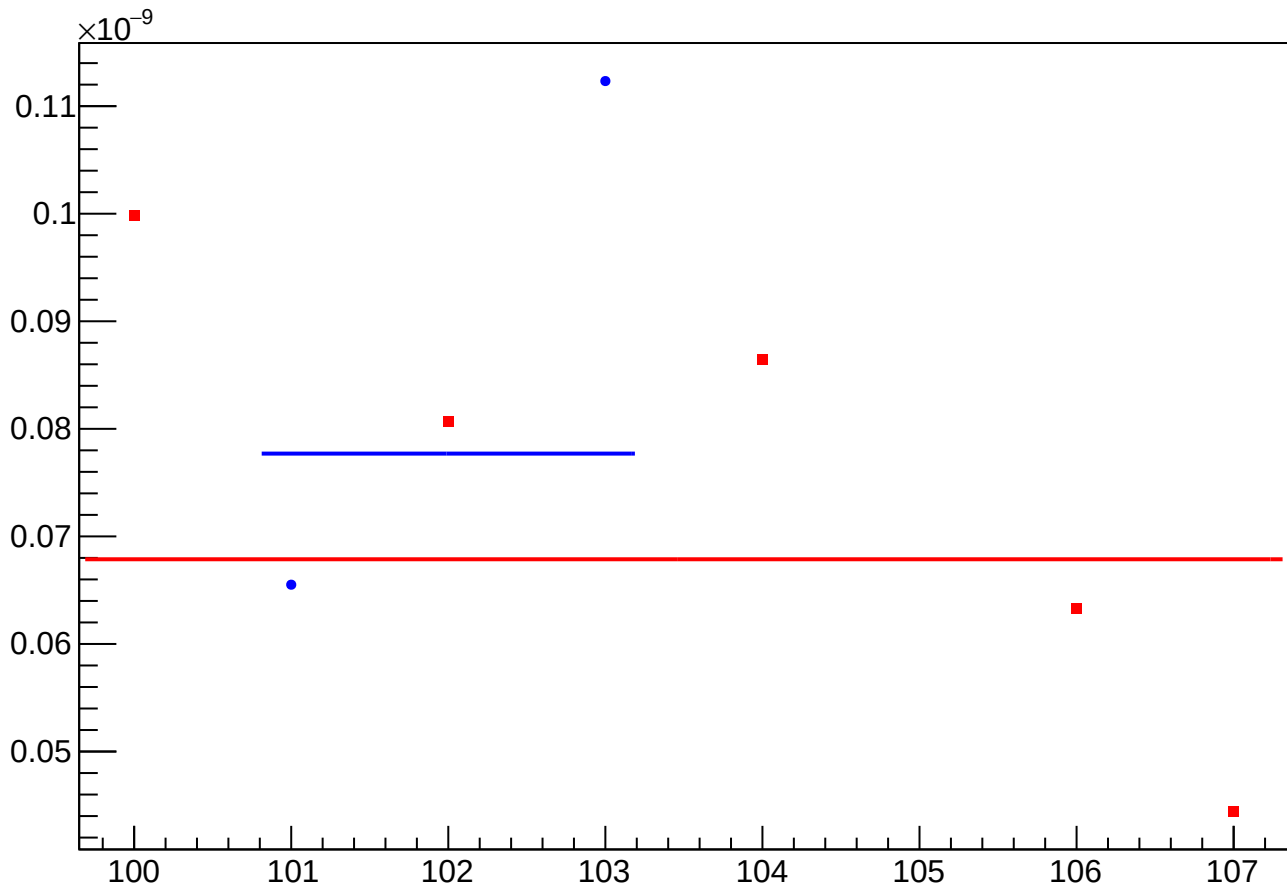
Right: -0.000+/-0.000 χ^2/NDF : 8.2/6

In: -0.000+/-0.000 χ^2/NDF : 1.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.2/6

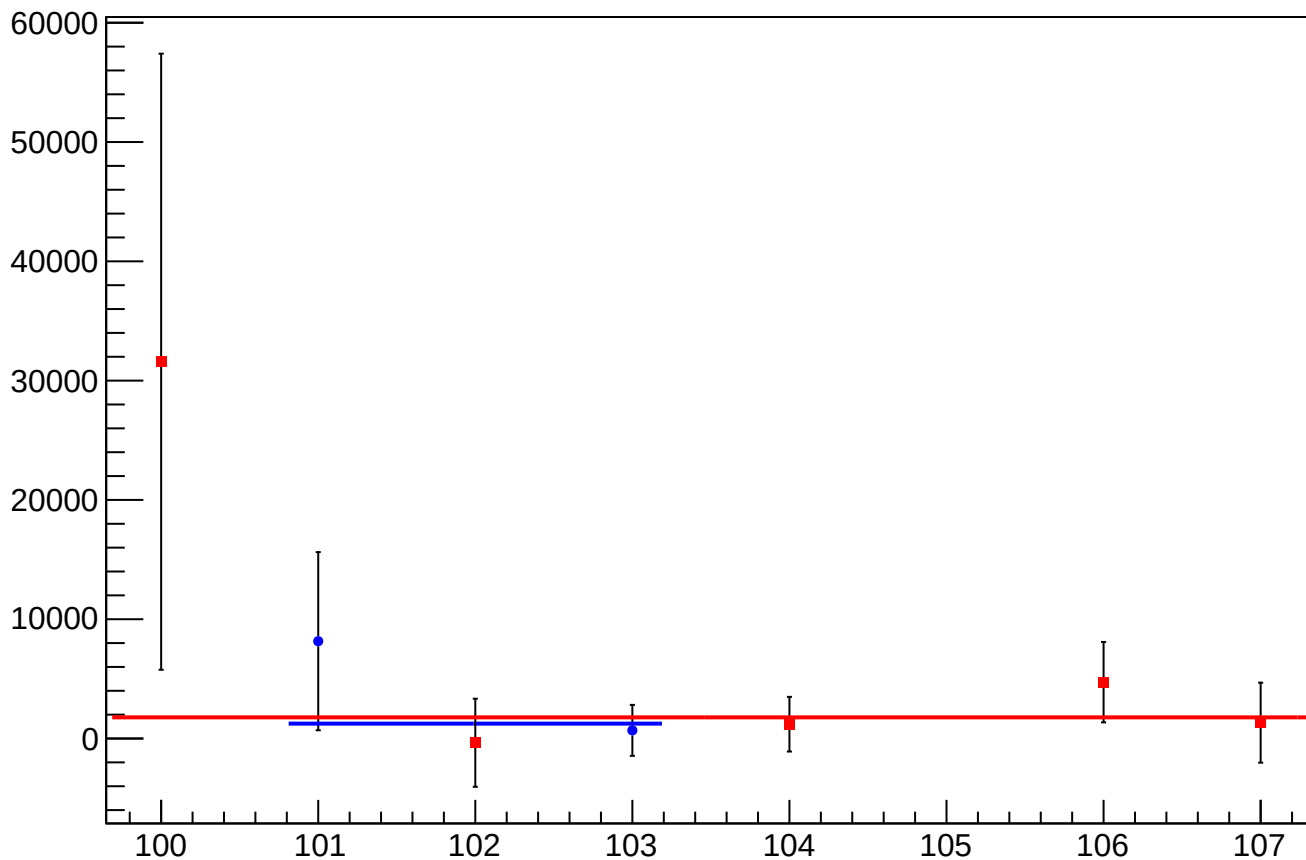
asym_atl_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 97373.4/1
 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 : 256988.7/6
 In: 0.000+/-0.000 χ^2/NDF : 97373.4/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 256988.7/6

reg_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 1248.685+/-2052.436 χ^2/NDF : 0.9/1

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

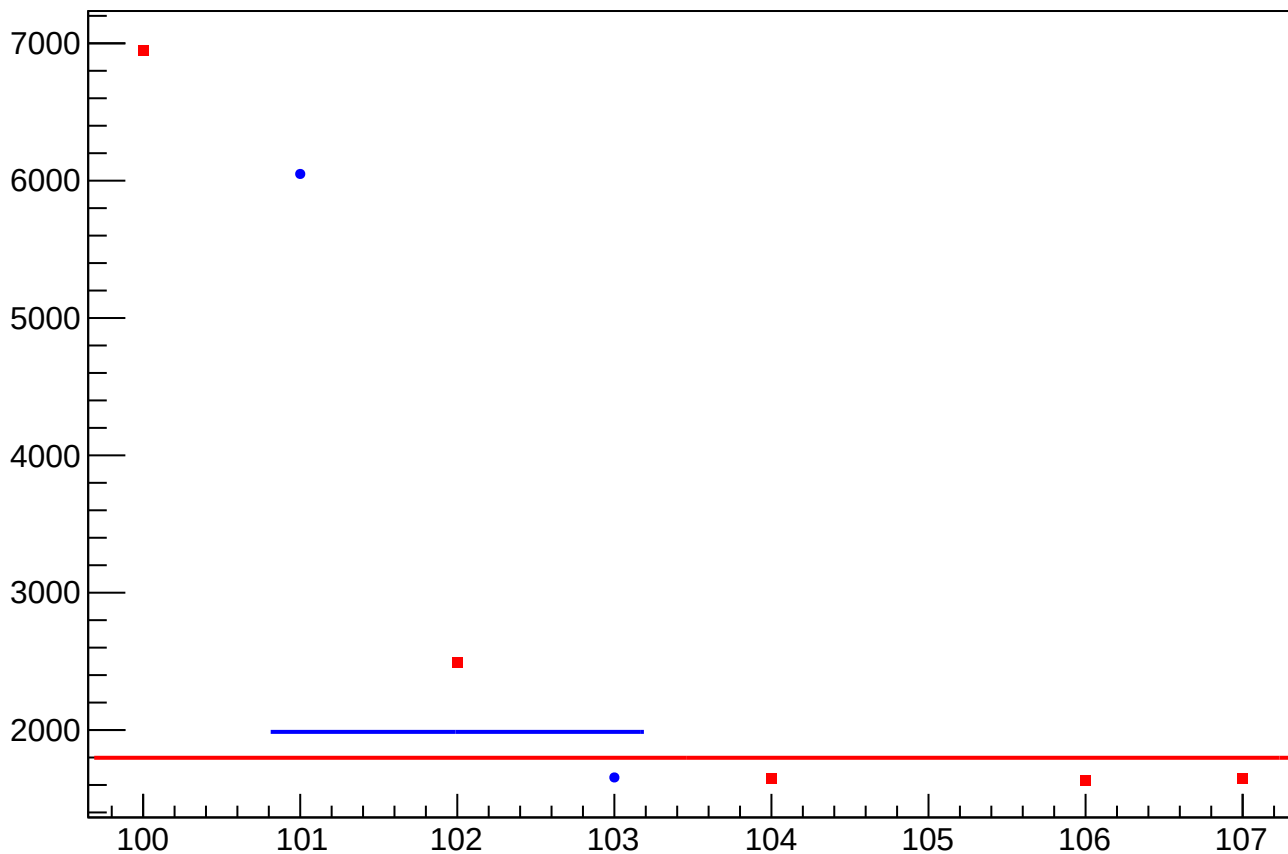
Right: 1589.784+/-1212.841 χ^2/NDF : 3.5/6

In: 1248.685+/-2052.436 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1589.784+/-1212.841 χ^2/NDF : 3.5/6

reg_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1986.616+/-1.451 χ^2 /NDF: 640012.2/1

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

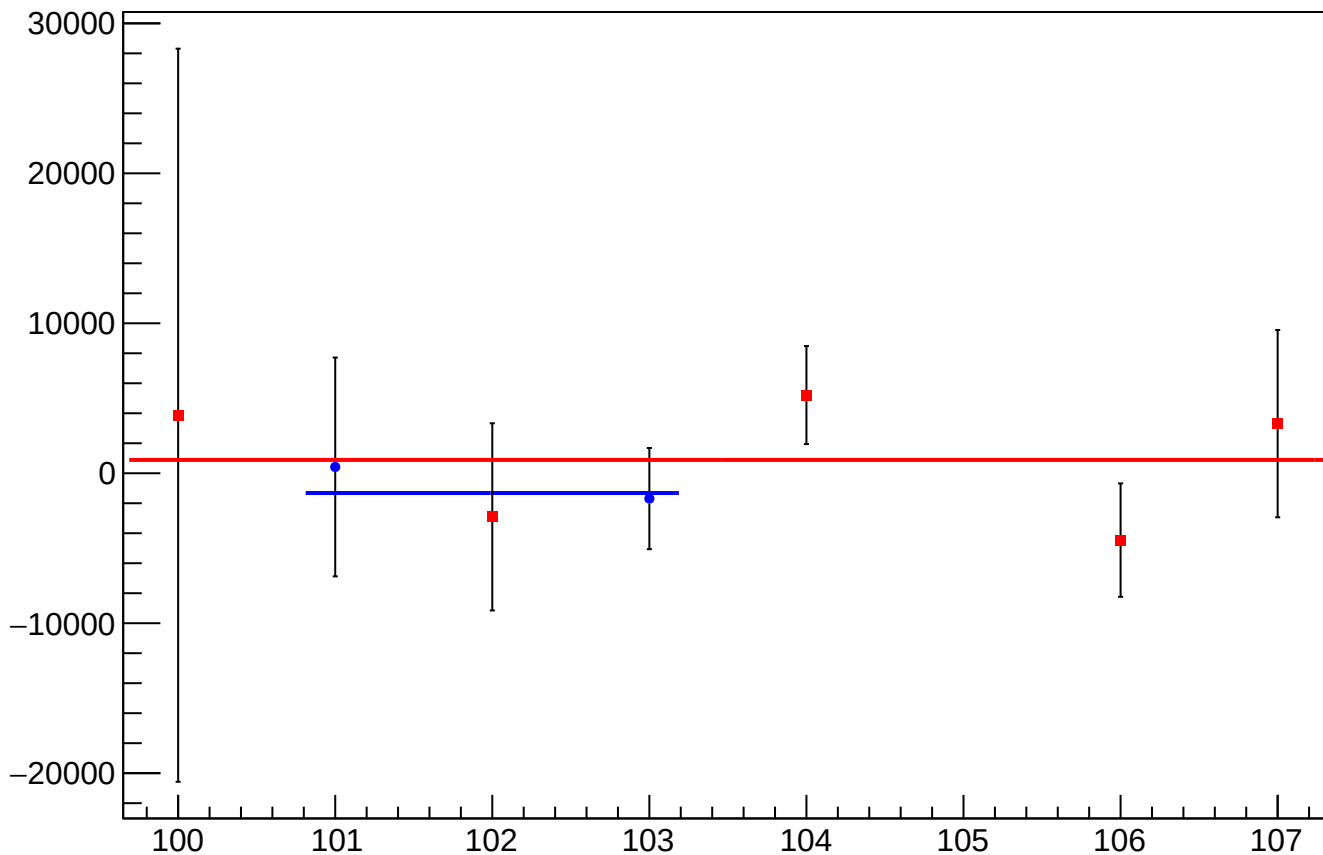
Right: 1862.591+/-0.849 χ^2 /NDF: 818967.4/6

In: 1986.616+/-1.451 χ^2 /NDF: 640012.2/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1862.591+/-0.849 χ^2 /NDF: 818967.4/6

asym_atr_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1318.146+/-3061.500 χ^2/NDF : 0.1/1

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

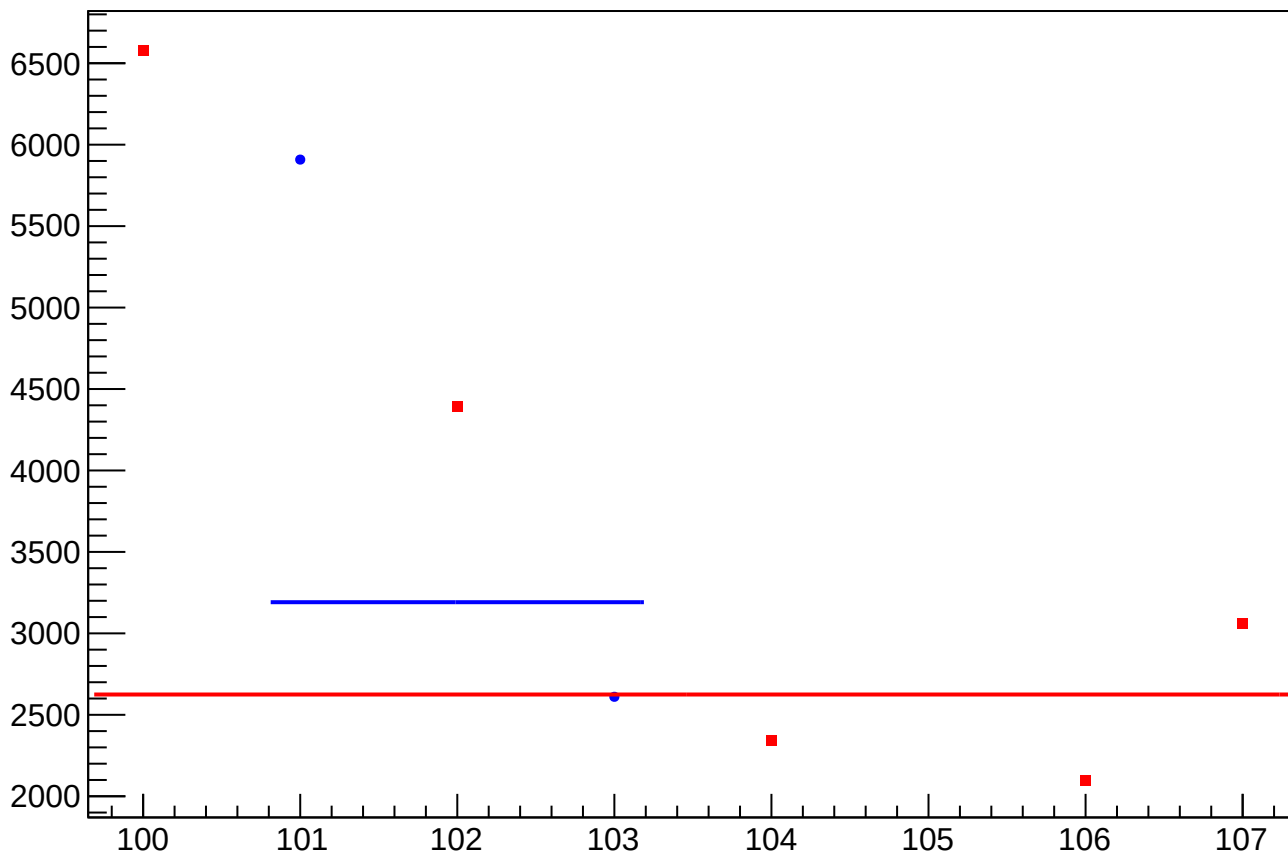
Right: 160.499+/-1759.130 χ^2/NDF : 4.7/6

In: -1318.146+/-3061.500 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.499+/-1759.130 χ^2/NDF : 4.7/6

asym_atr_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3191.328+/-2.165 χ^2/NDF : 336686.7/1

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

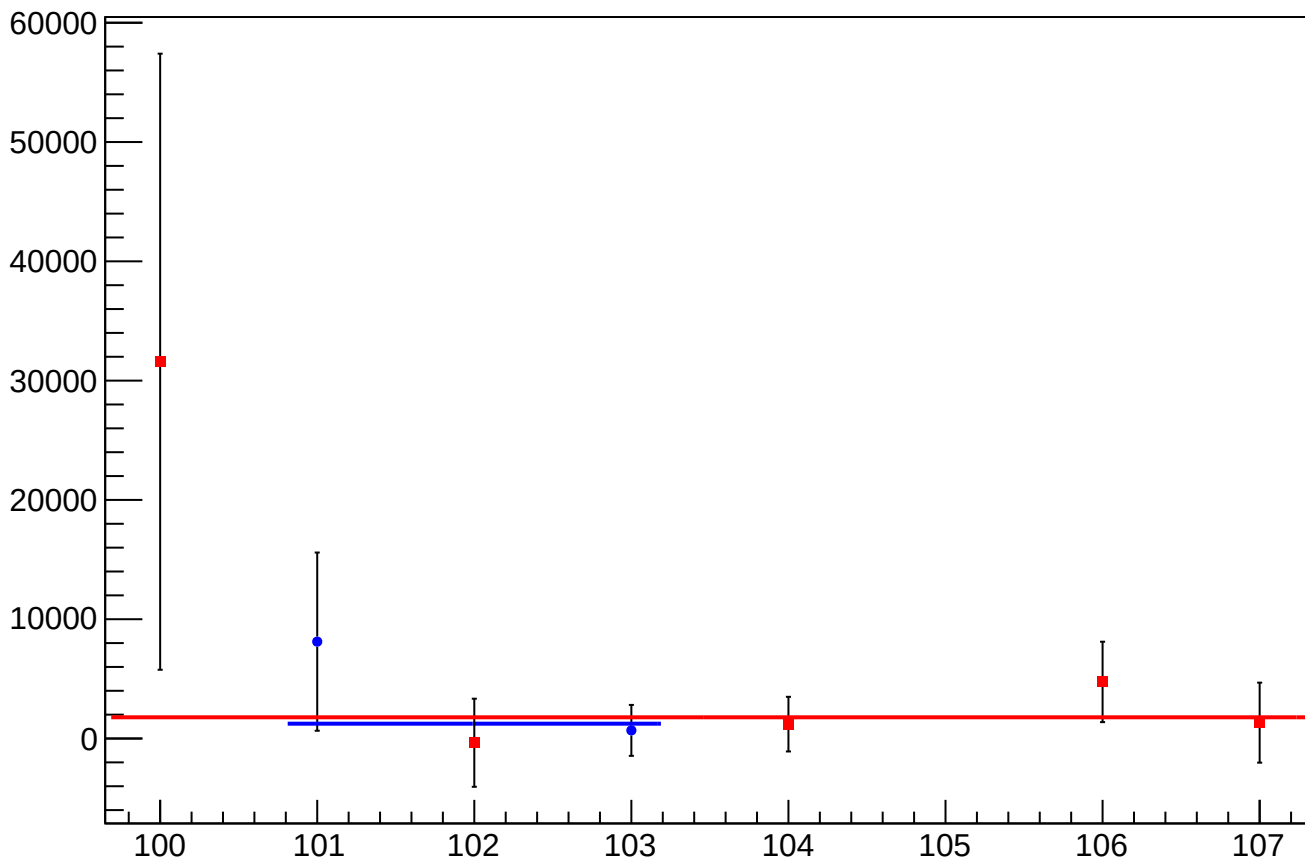
Right: 2811.754+/-1.244 χ^2/NDF : 659413.4/6

In: 3191.328+/-2.165 χ^2/NDF : 336686.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2811.754+/-1.244 χ^2/NDF : 659413.4/6

cor_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 1243.482+/-2052.442 χ^2/NDF : 0.9/1

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

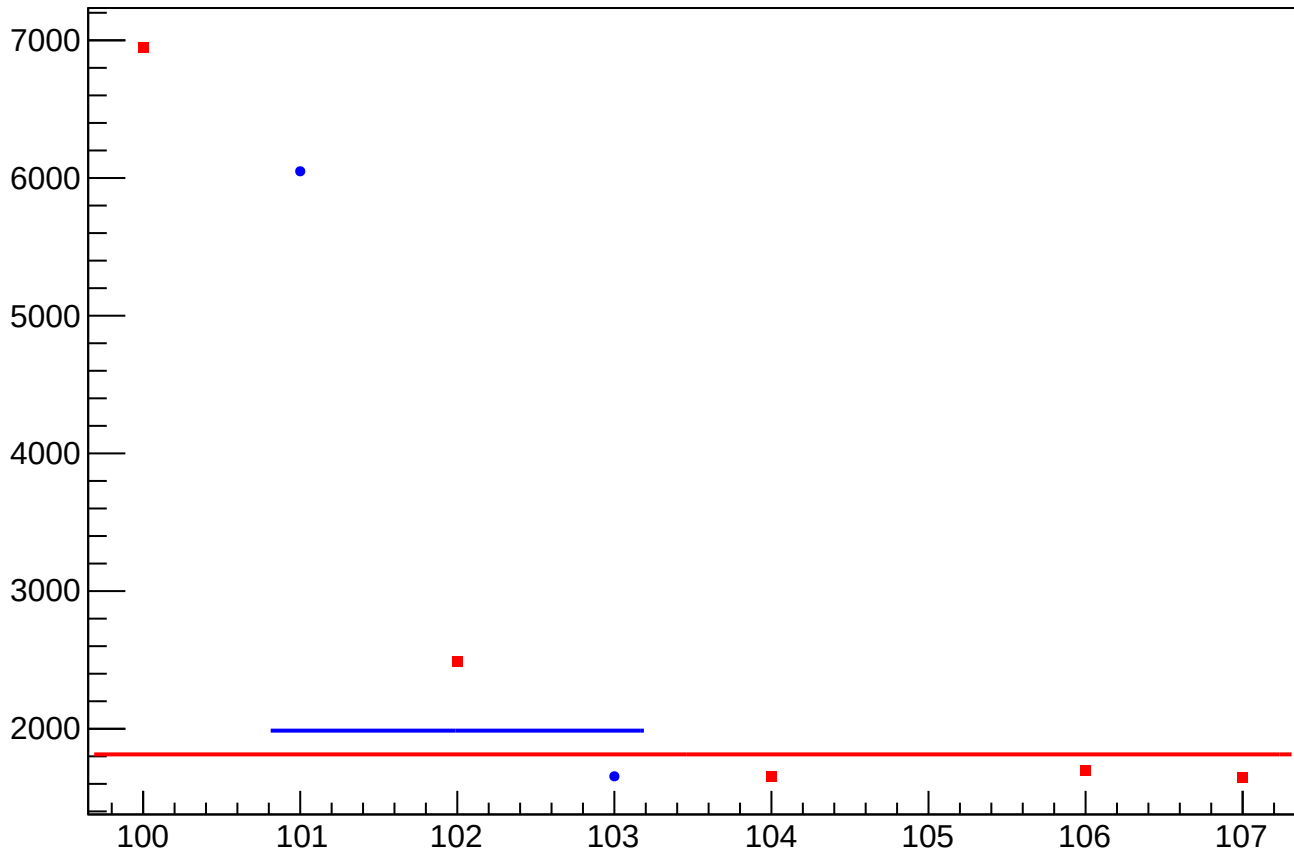
Right: 1591.775+/-1212.864 χ^2/NDF : 3.5/6

In: 1243.482+/-2052.442 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1591.775+/-1212.864 χ^2/NDF : 3.5/6

cor_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1986.620+/-1.451 χ^2 /NDF: 640011.1/1

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

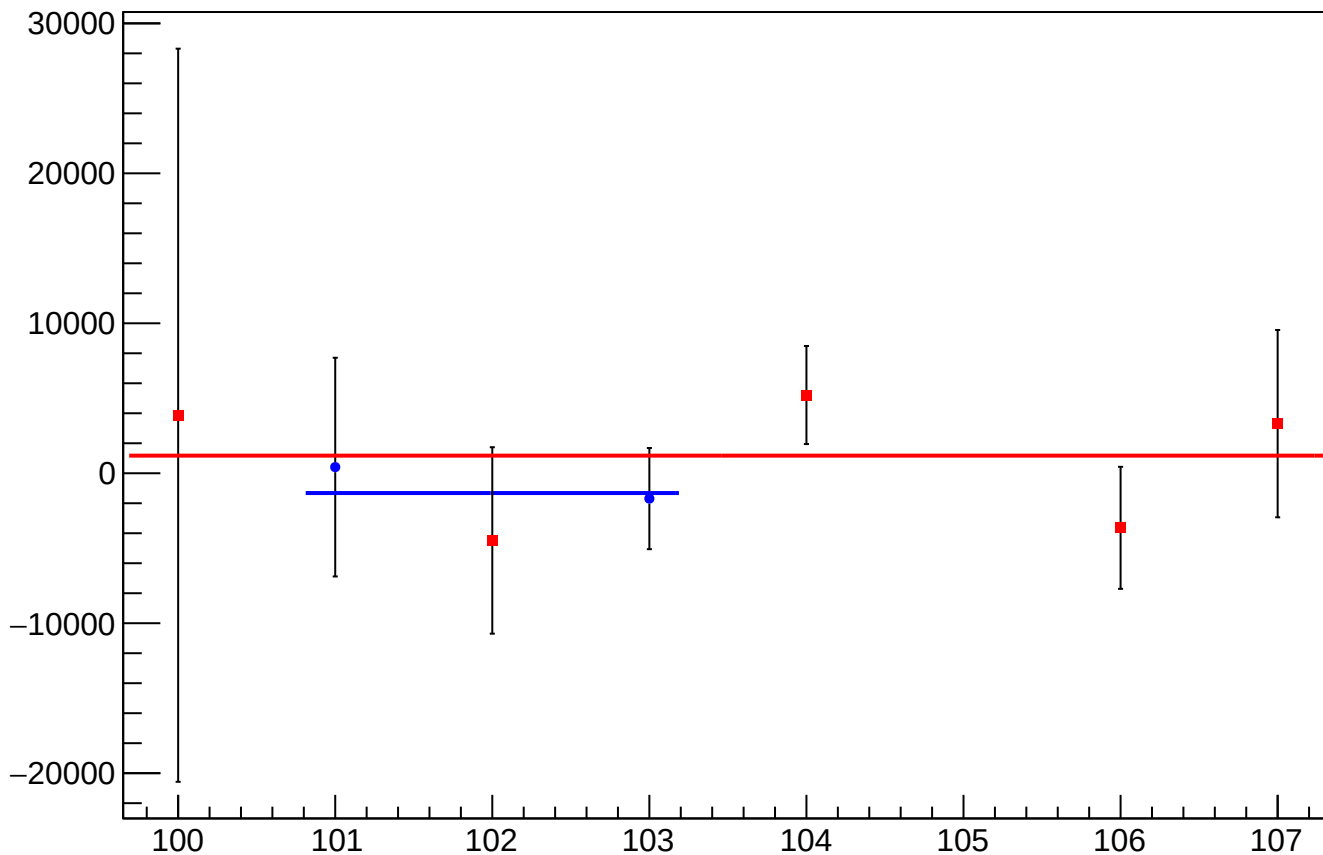
Right: 1873.812+/-0.854 χ^2 /NDF: 813263.0/6

In: 1986.620+/-1.451 χ^2 /NDF: 640011.1/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1873.812+/-0.854 χ^2 /NDF: 813263.0/6

asym_atr_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1319.623+/-3061.522 χ^2/NDF : 0.1/1

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

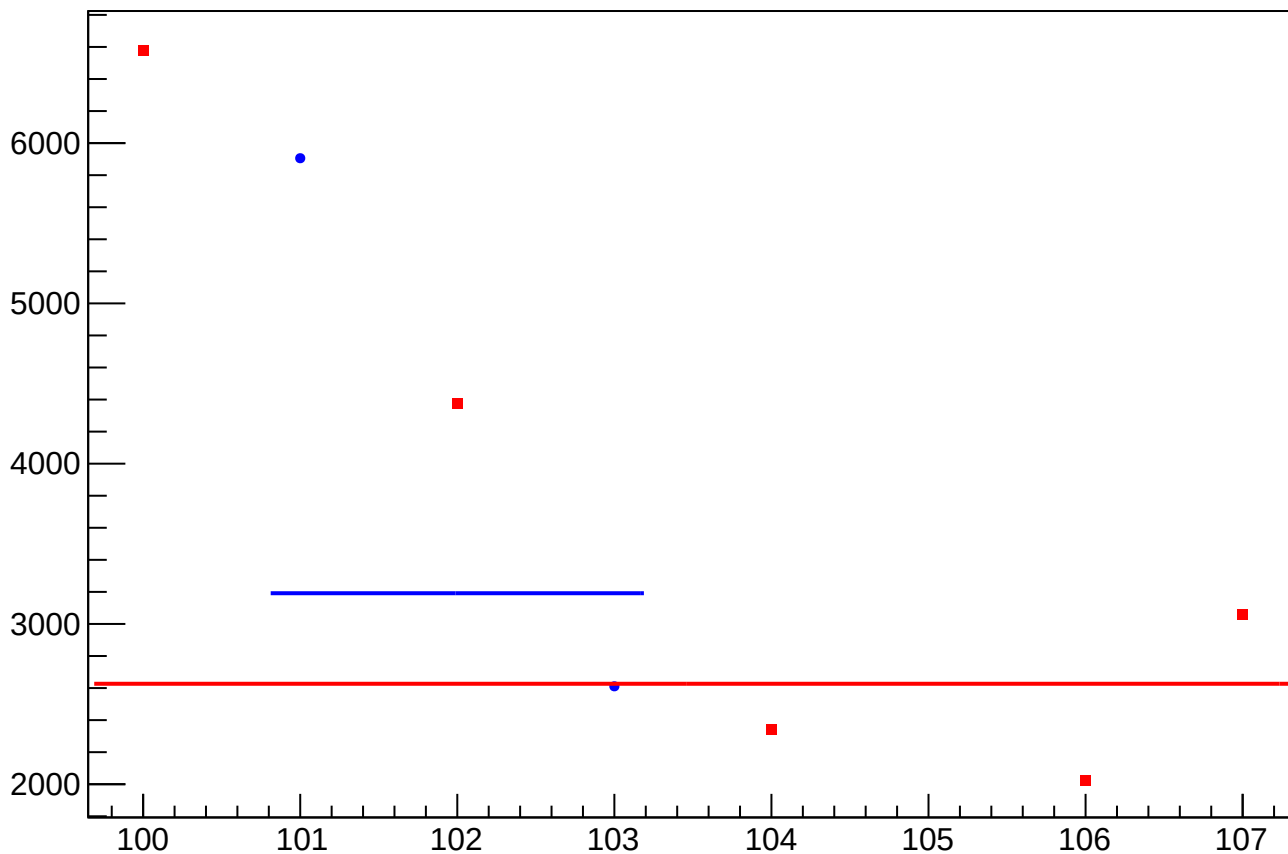
Right: 326.811+/-1785.100 χ^2/NDF : 4.4/6

In: -1319.623+/-3061.522 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 326.811+/-1785.100 χ^2/NDF : 4.4/6

asym_atr_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3191.665+/-2.165 χ^2/NDF : 336317.8/1

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

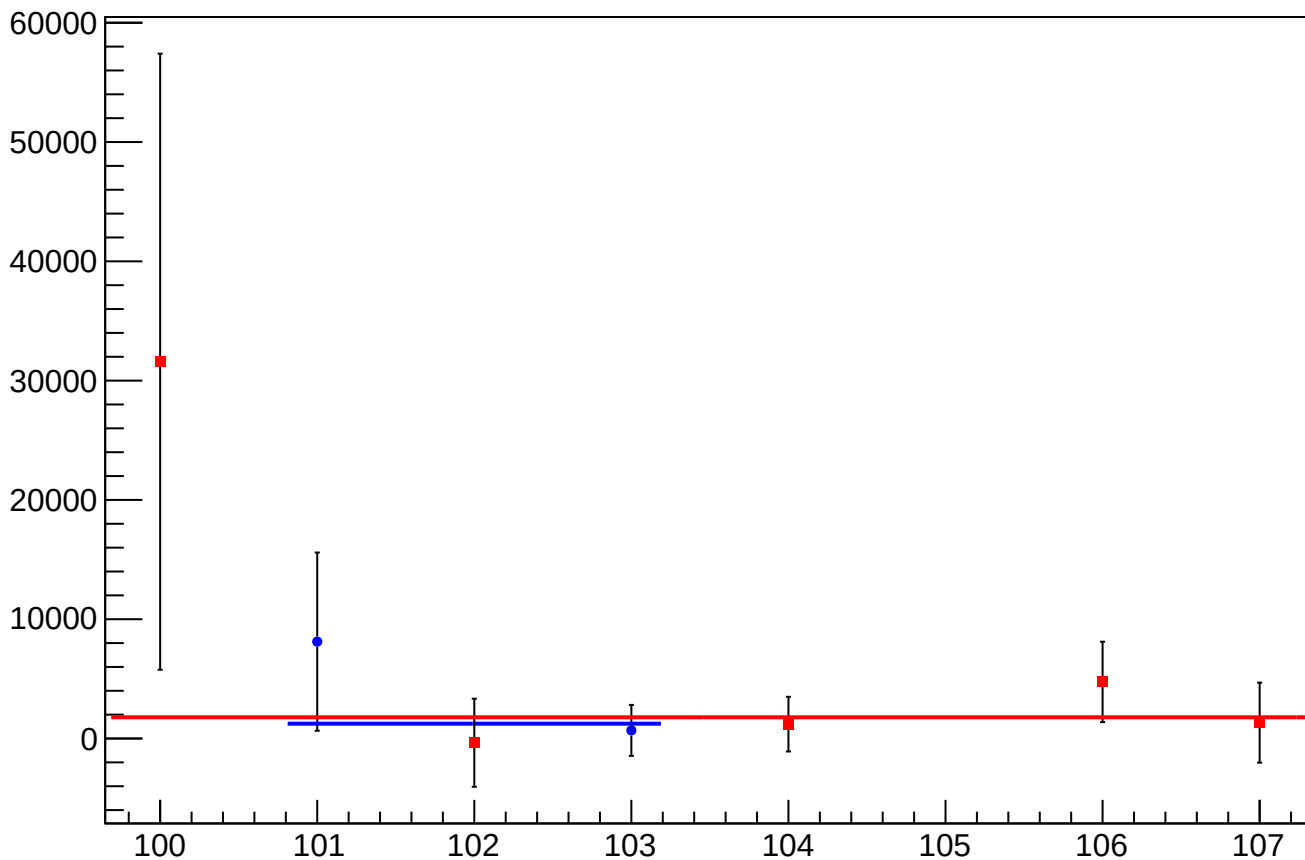
Right: 2818.822+/-1.262 χ^2/NDF : 660179.9/6

In: 3191.665+/-2.165 χ^2/NDF : 336317.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2818.822+/-1.262 χ^2/NDF : 660179.9/6

eigen_cor_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 1243.482+/-2052.442 χ^2/NDF : 0.9/1

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

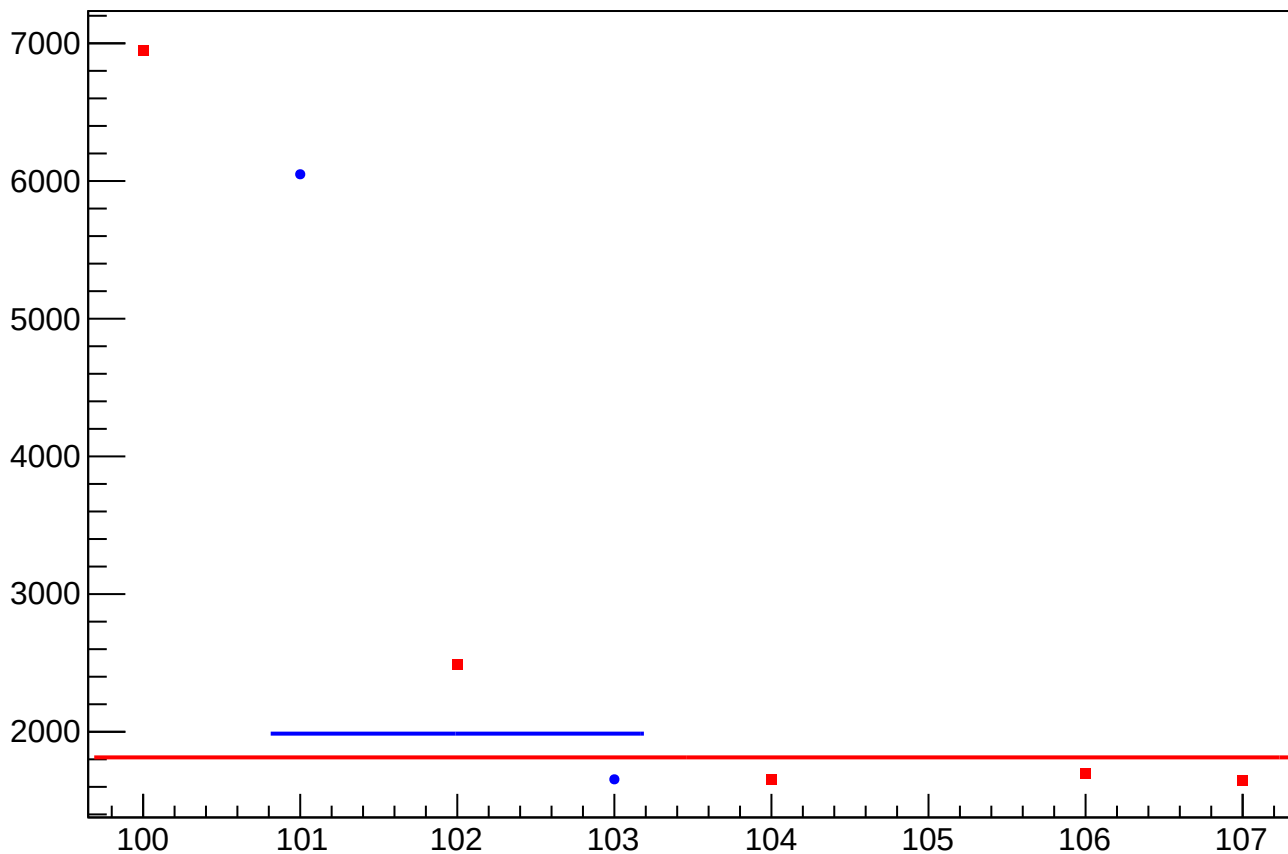
Right: 1591.775+/-1212.864 χ^2/NDF : 3.5/6

In: 1243.482+/-2052.442 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1591.775+/-1212.864 χ^2/NDF : 3.5/6

eigen_cor_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1986.620+/-1.451 χ^2 /NDF: 640011.1/1

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

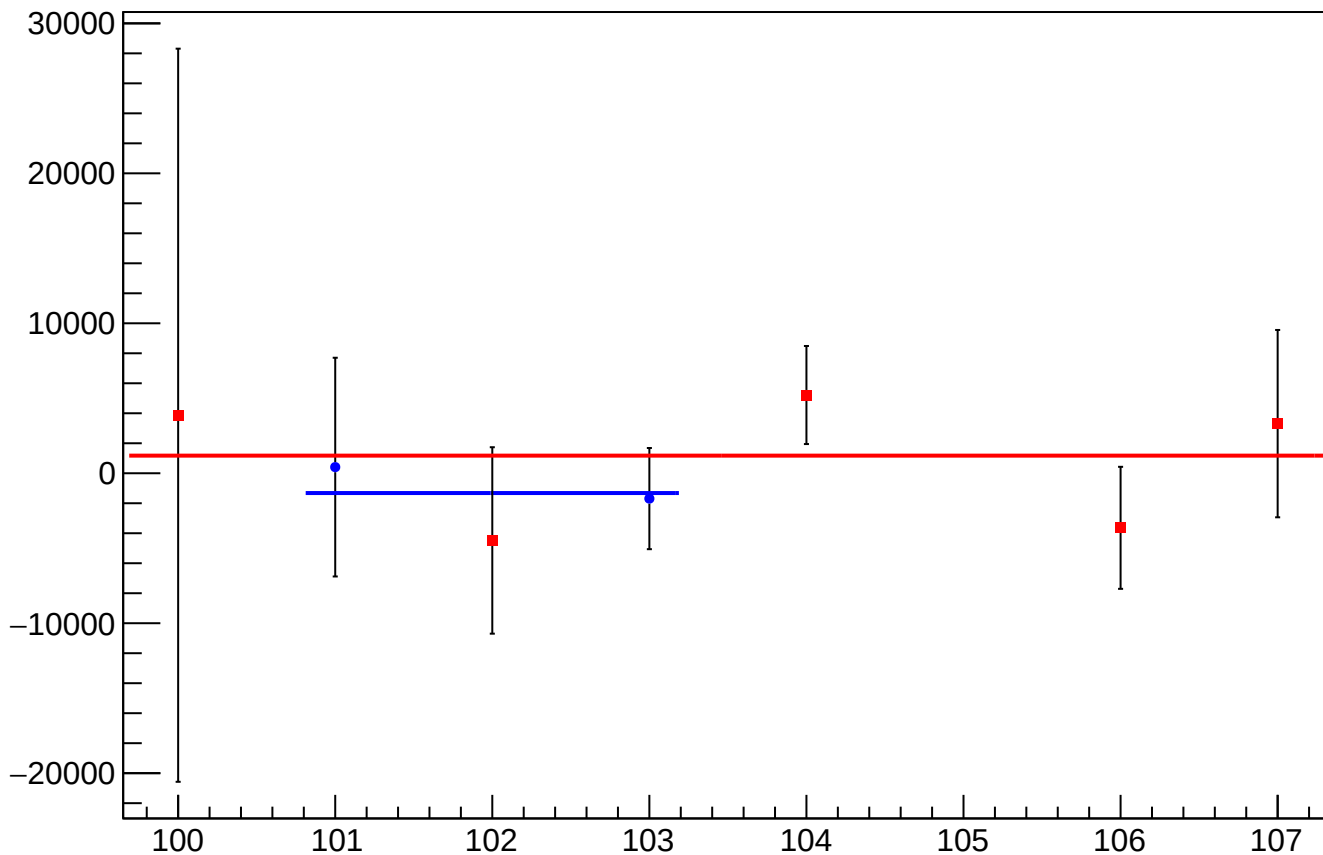
Right: 1873.812+/-0.854 χ^2 /NDF: 813263.0/6

In: 1986.620+/-1.451 χ^2 /NDF:640011.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1873.812+/-0.854 χ^2 /NDF: 813263.0/6

asym_atr_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1319.623+/-3061.522 χ^2/NDF : 0.1/1

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

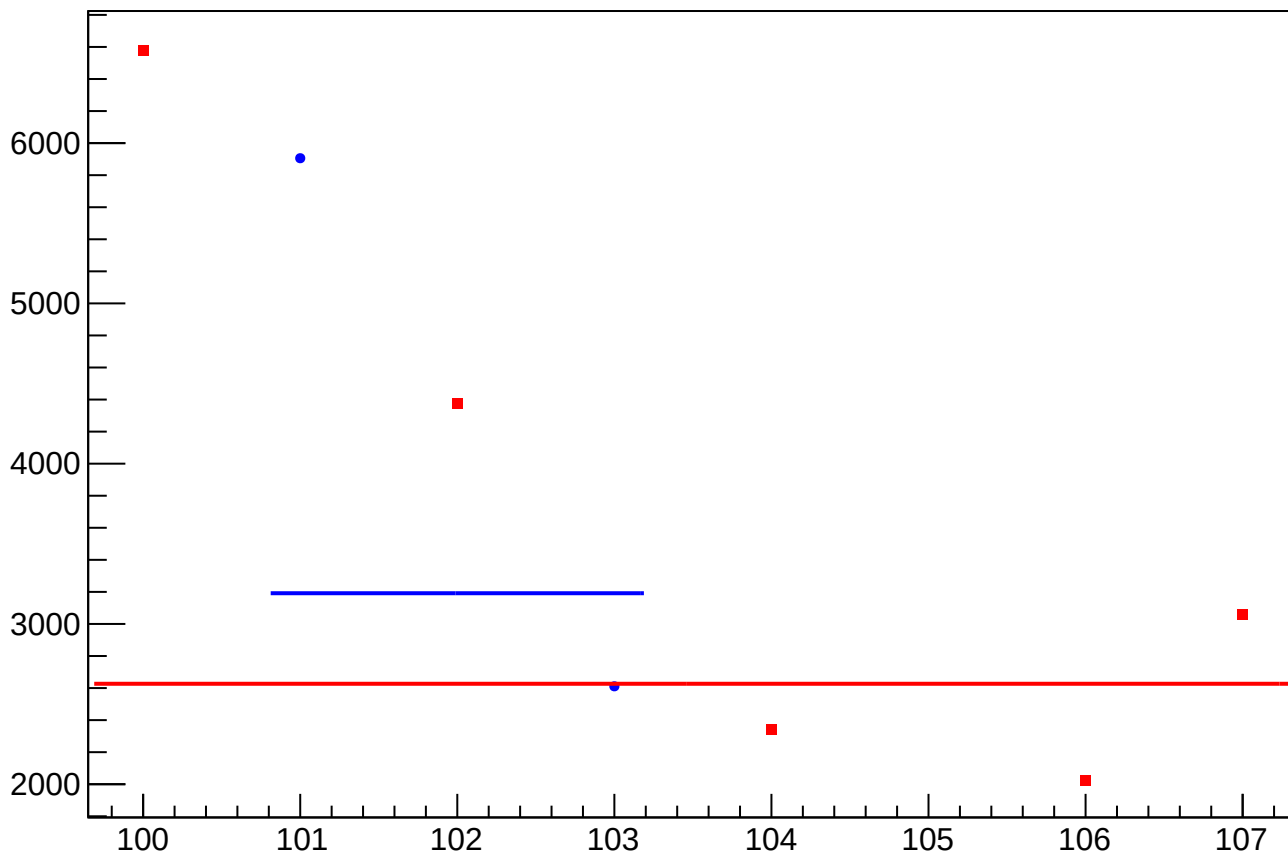
Right: 326.811+/-1785.100 χ^2/NDF : 4.4/6

In: -1319.623+/-3061.522 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 326.811+/-1785.100 χ^2/NDF : 4.4/6

asym_atr_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3191.665+/-2.165 χ^2/NDF : 336317.8/1

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

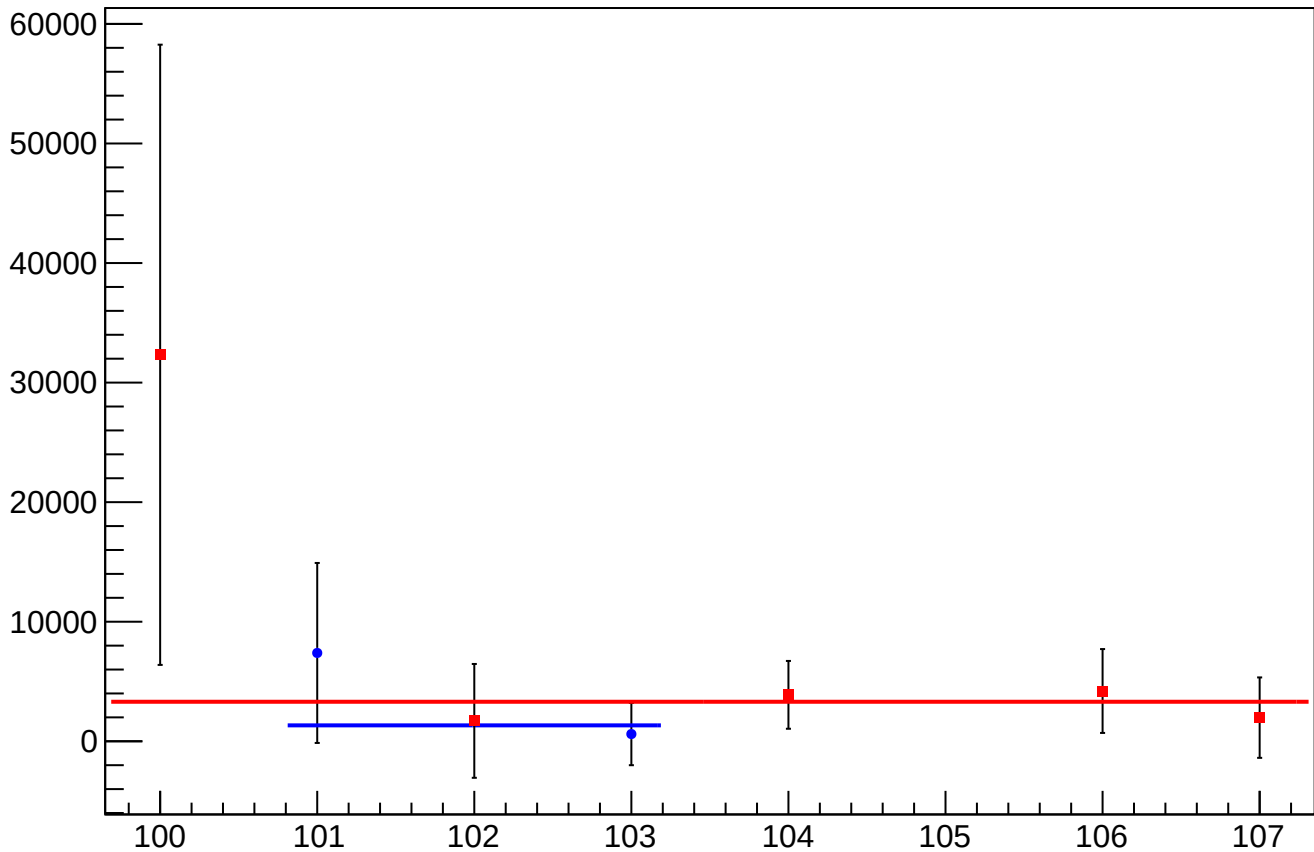
Right: 2818.822+/-1.262 χ^2/NDF : 660179.9/6

In: 3191.665+/-2.165 χ^2/NDF : 336317.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2818.822+/-1.262 χ^2/NDF : 660179.9/6

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 1331.222+/-2462.772 χ^2/NDF : 0.7/1

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

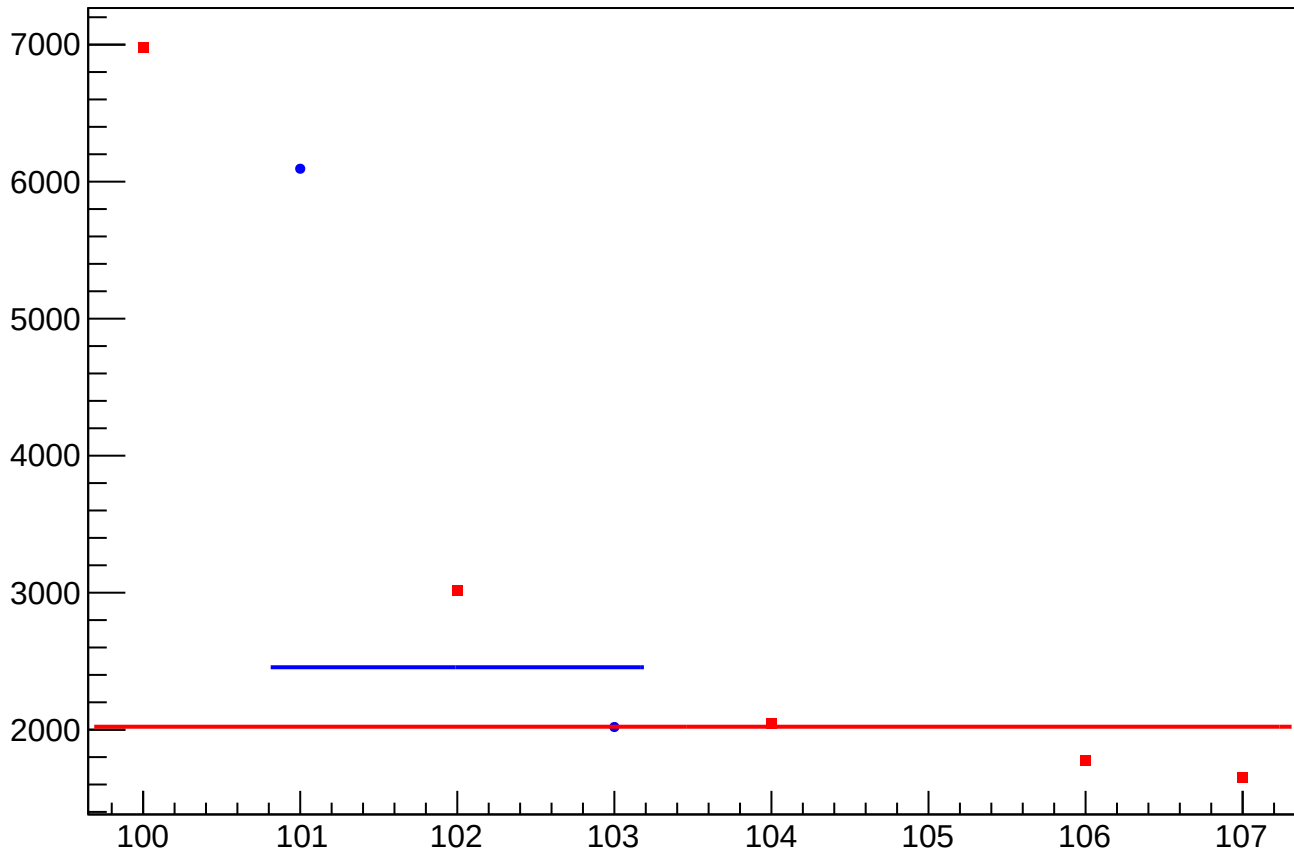
Right: 2660.519+/-1407.889 χ^2/NDF : 2.8/6

In: 1331.222+/-2462.772 χ^2/NDF : 0.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2660.519+/-1407.889 χ^2/NDF : 2.8/6

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 2455.770+/-1.741 χ^2/NDF : 523319.5/1

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

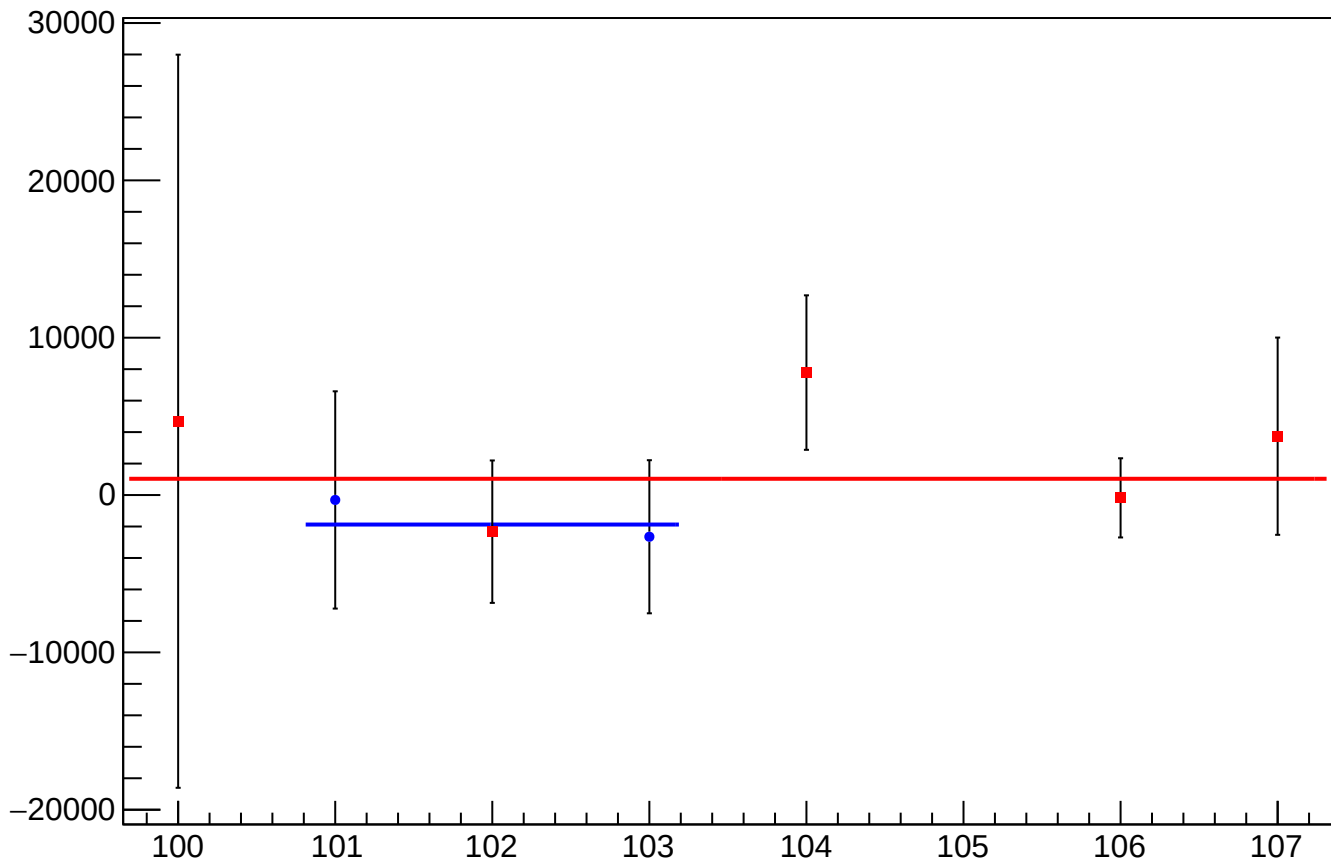
Right: 2162.694+/-0.992 χ^2/NDF : 760877.6/6

In: 2455.770+/-1.741 χ^2/NDF : 523319.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2162.694+/-0.992 χ^2/NDF : 760877.6/6

asym_atr_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1874.755+/-3977.235 χ^2/NDF : 0.1/1

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

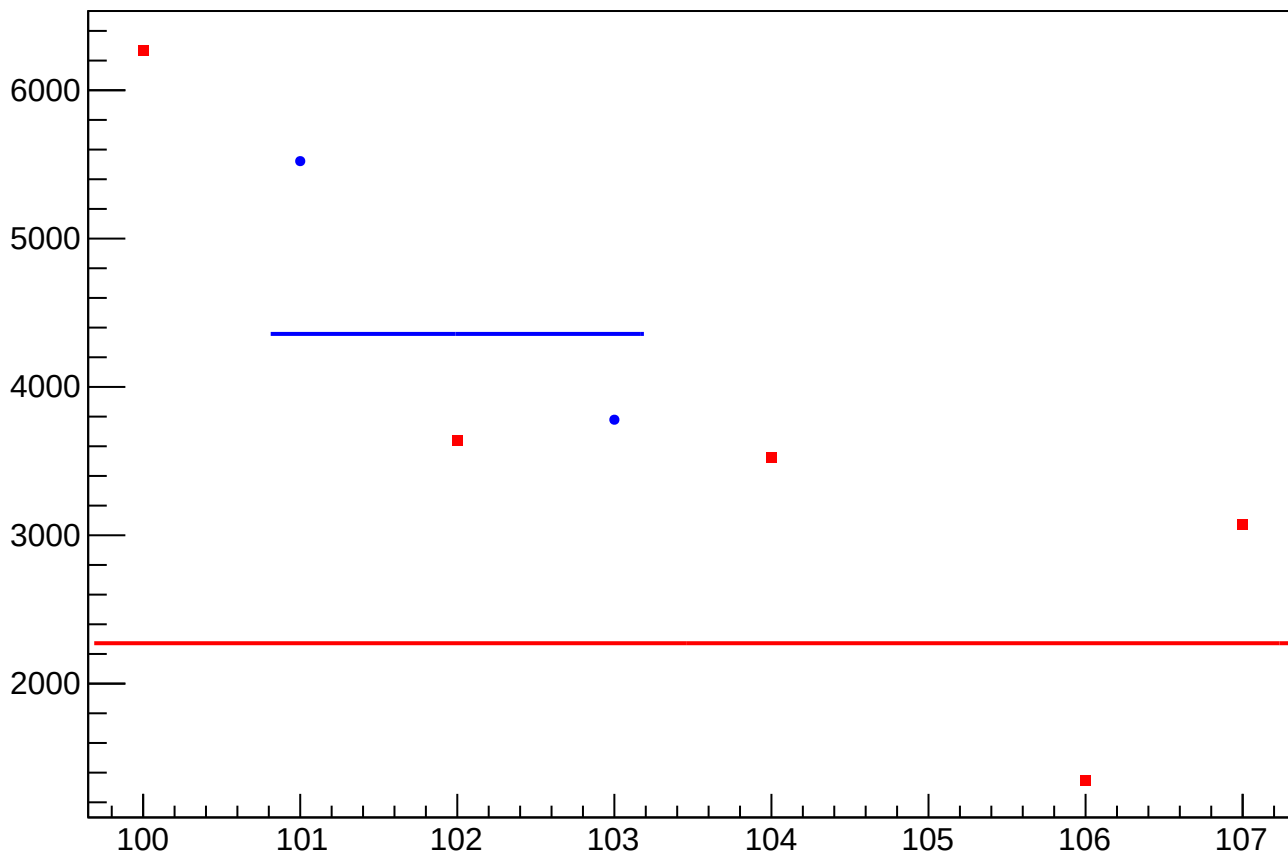
Right: 490.805+/-1718.135 χ^2/NDF : 3.4/6

In: -1874.755+/-3977.235 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 490.805+/-1718.135 χ^2/NDF : 3.4/6

asym_atr_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4357.438+/-2.812 χ^2/NDF : 85177.3/1

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

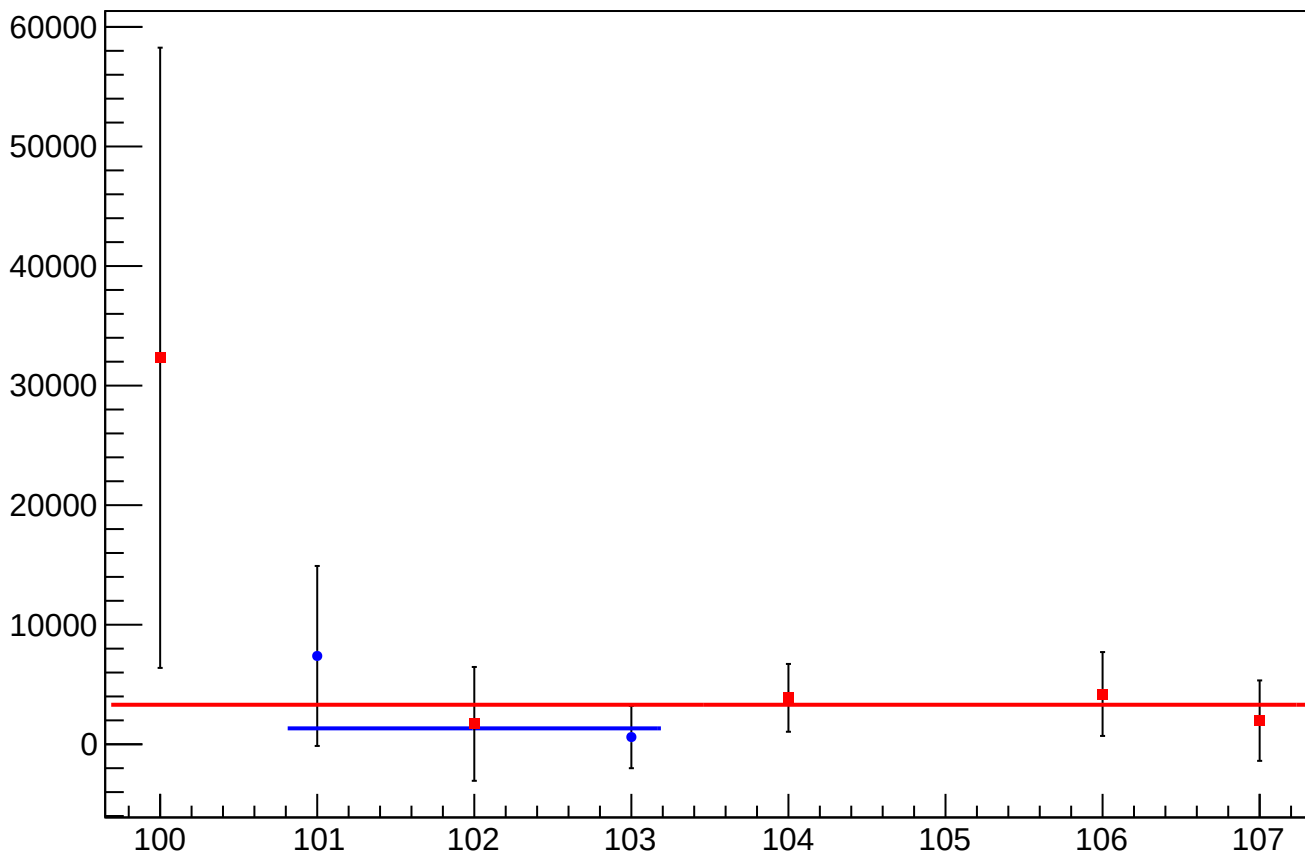
Right: 2661.486+/-1.215 χ^2/NDF : 1205697.5/6

In: 4357.438+/-2.812 χ^2/NDF : 85177.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2661.486+/-1.215 χ^2/NDF : 1205697.5/6

eigen_dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 1331.215+/-2462.771 χ^2/NDF : 0.7/1

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

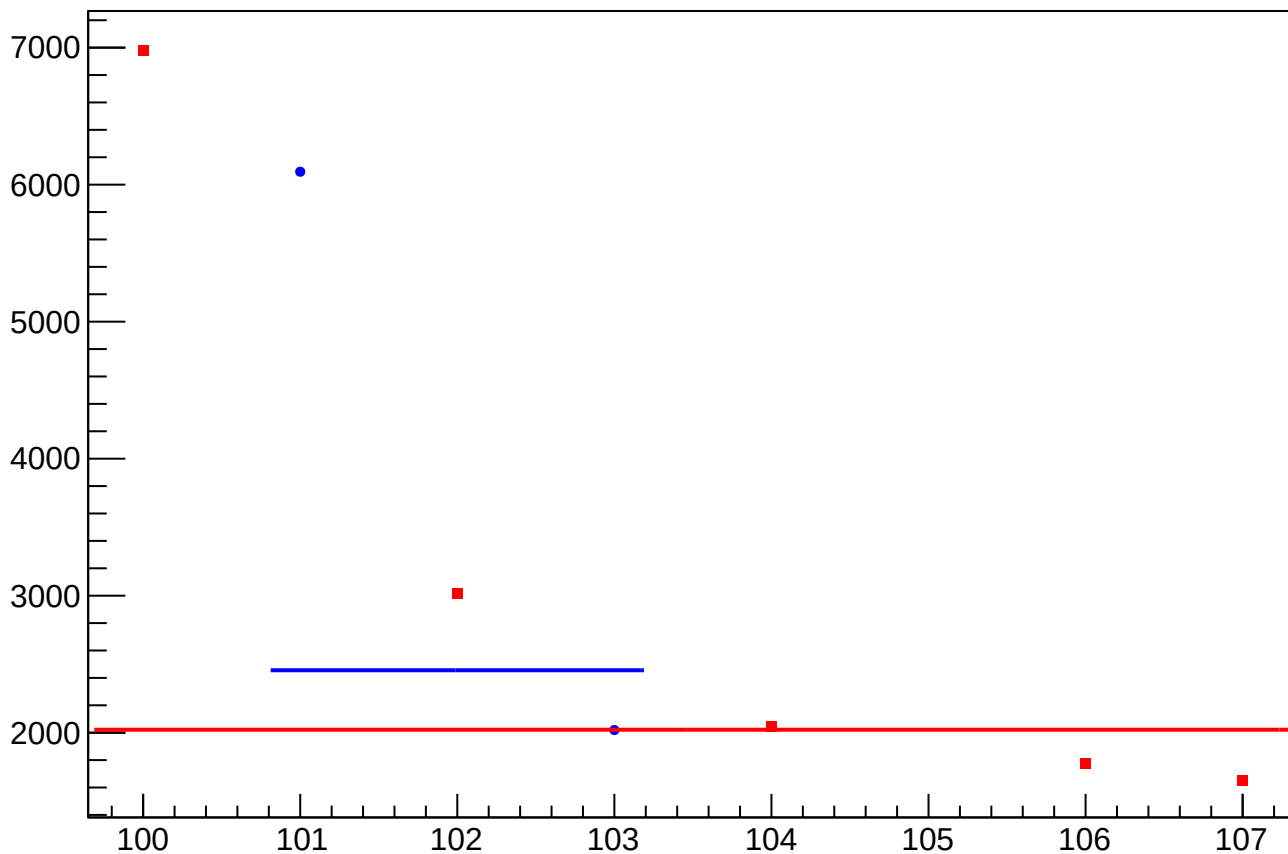
Right: 2660.516+/-1407.888 χ^2/NDF : 2.8/6

In: 1331.215+/-2462.771 χ^2/NDF : 0.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2660.516+/-1407.888 χ^2/NDF : 2.8/6

eigen_dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 2455.768+/-1.741 χ^2/NDF : 523320.0/1

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

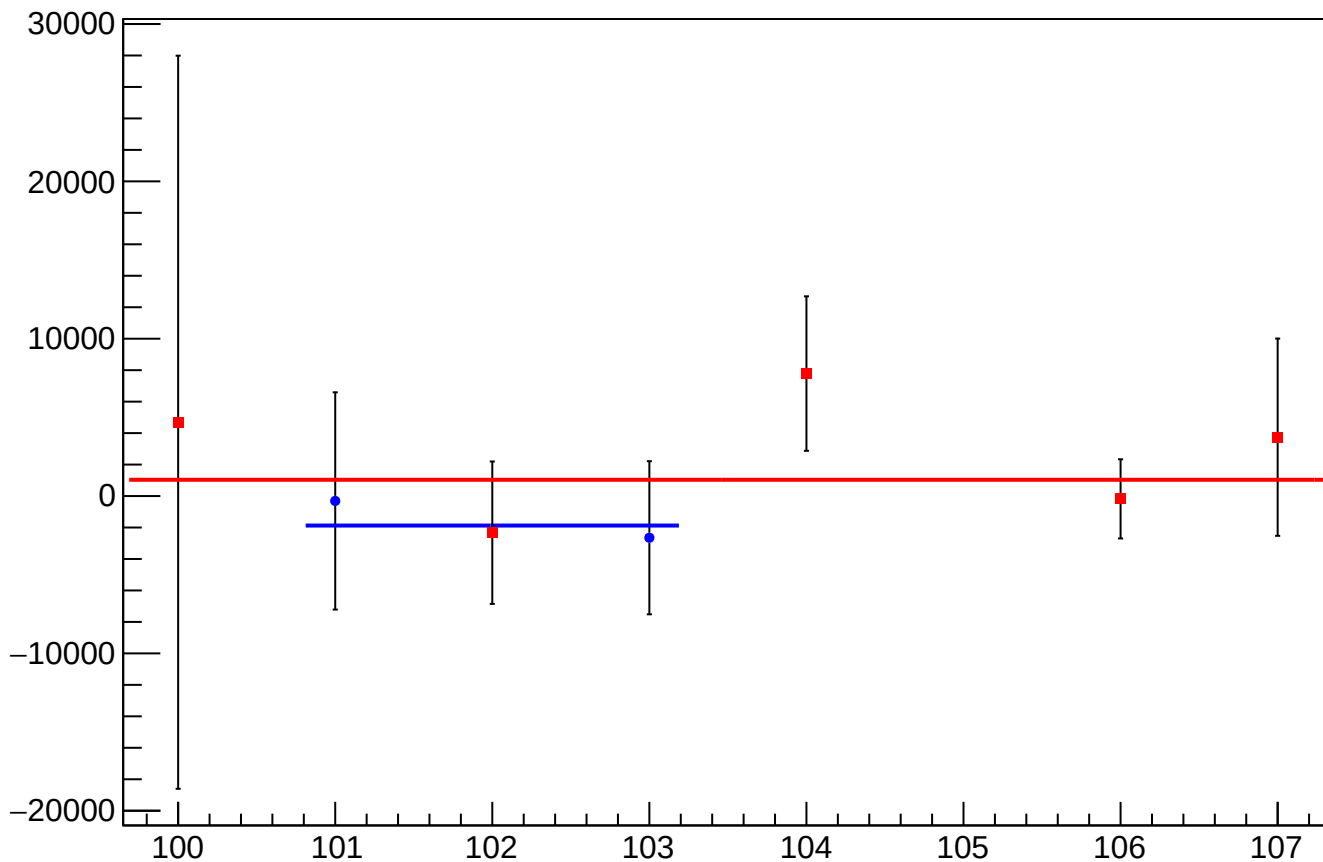
Right: 2162.693+/-0.992 χ^2/NDF : 760877.6/6

In: 2455.768+/-1.741 χ^2/NDF : 523320.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2162.693+/-0.992 χ^2/NDF : 760877.6/6

asym_atr_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1874.766+/-3977.231 χ^2/NDF : 0.1/1

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

Right Out: 1033.538+/-1905.061 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

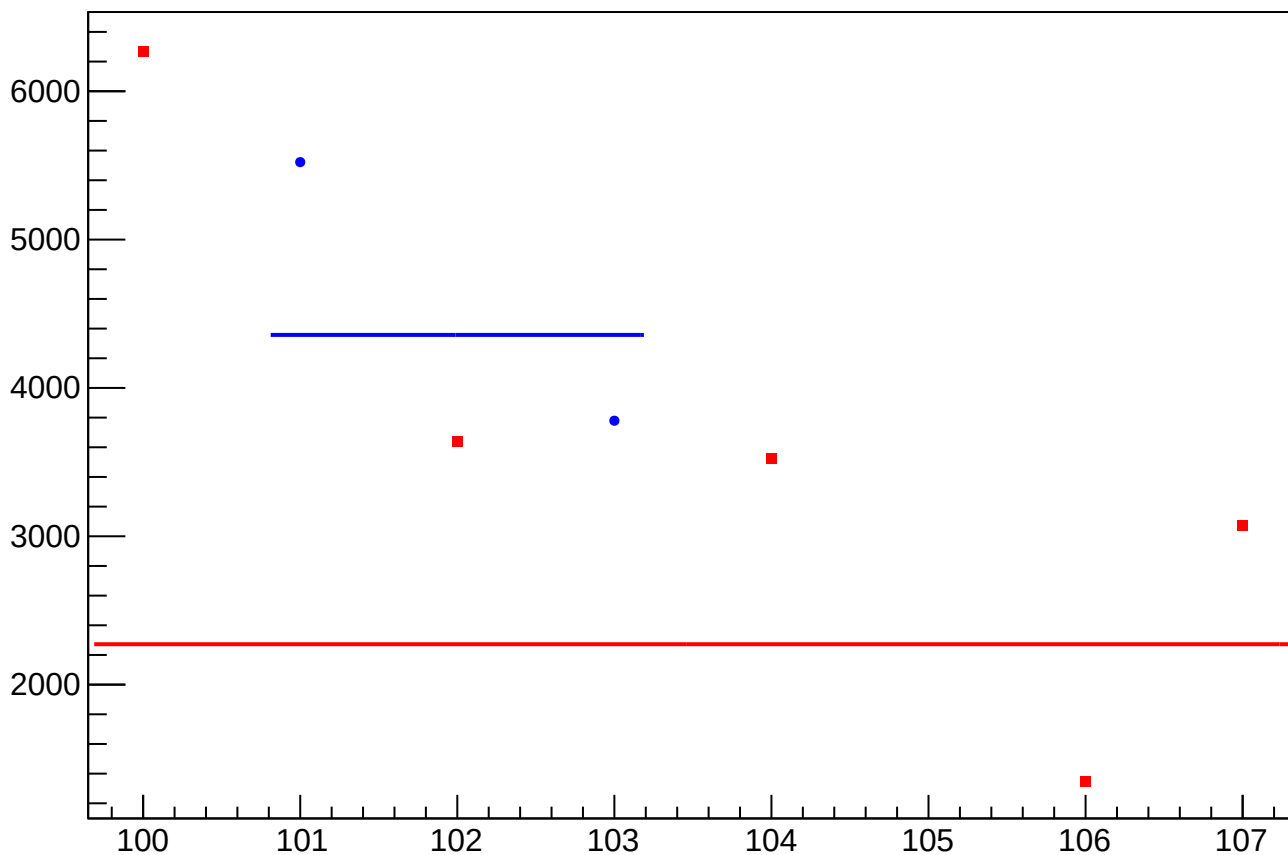
Right: 490.799+/-1718.132 χ^2/NDF : 3.4/6

In: -1874.766+/-3977.231 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 490.799+/-1718.132 χ^2/NDF : 3.4/6

asym_atr_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4357.435+/-2.812 χ^2/NDF : 85177.1/1

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

Right Out: 2272.371+/-1.347 χ^2/NDF : 673428.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

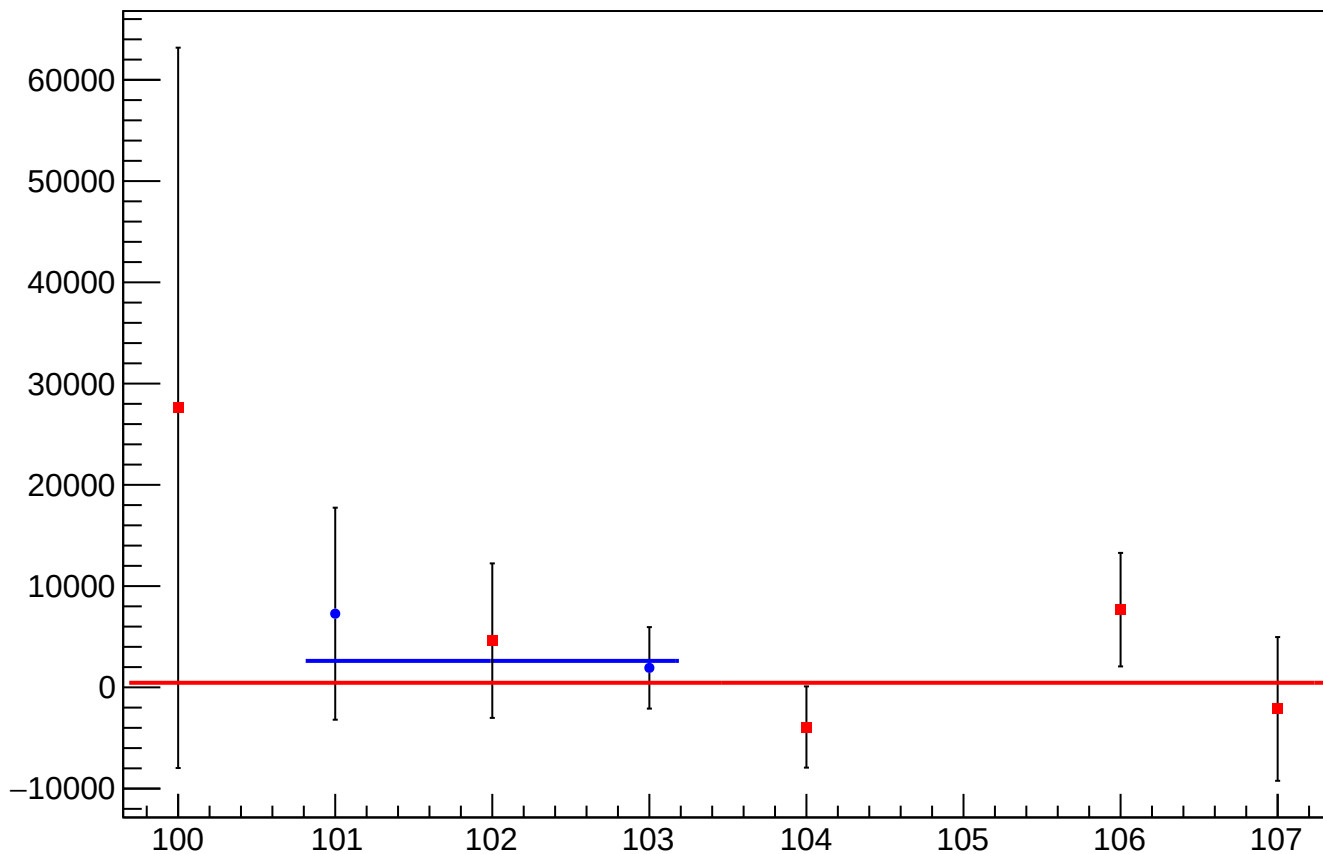
Right: 2661.479+/-1.215 χ^2/NDF : 1205702.5/6

In: 4357.435+/-2.812 χ^2/NDF : 85177.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2661.479+/-1.215 χ^2/NDF : 1205702.5/6

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2613.256+/-3757.075 χ^2/NDF : 0.2/1

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

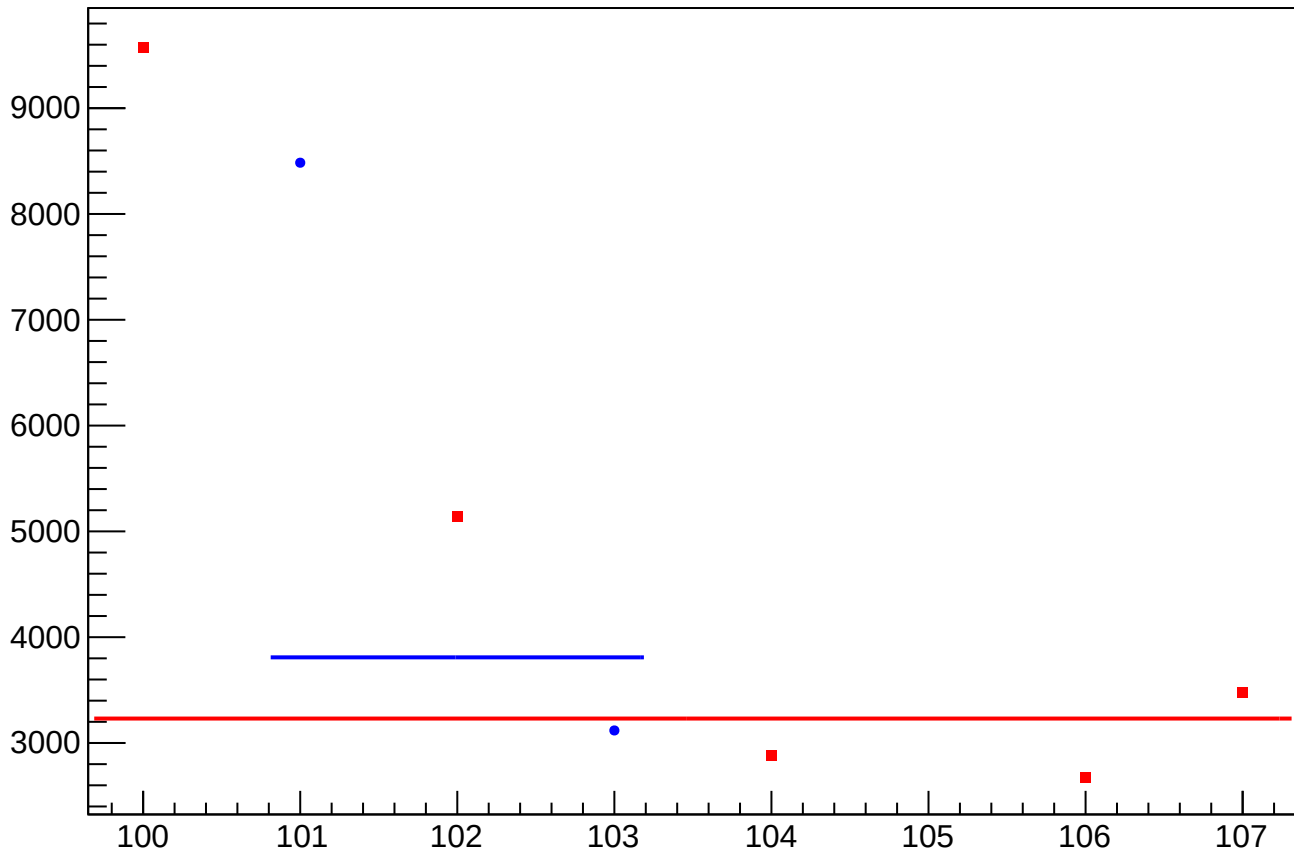
Right: 1207.572+/-2221.717 χ^2/NDF : 4.3/6

In: 2613.256+/-3757.075 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1207.572+/-2221.717 χ^2/NDF : 4.3/6

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 3809.386+/-2.657 χ^2/NDF : 457662.6/1

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

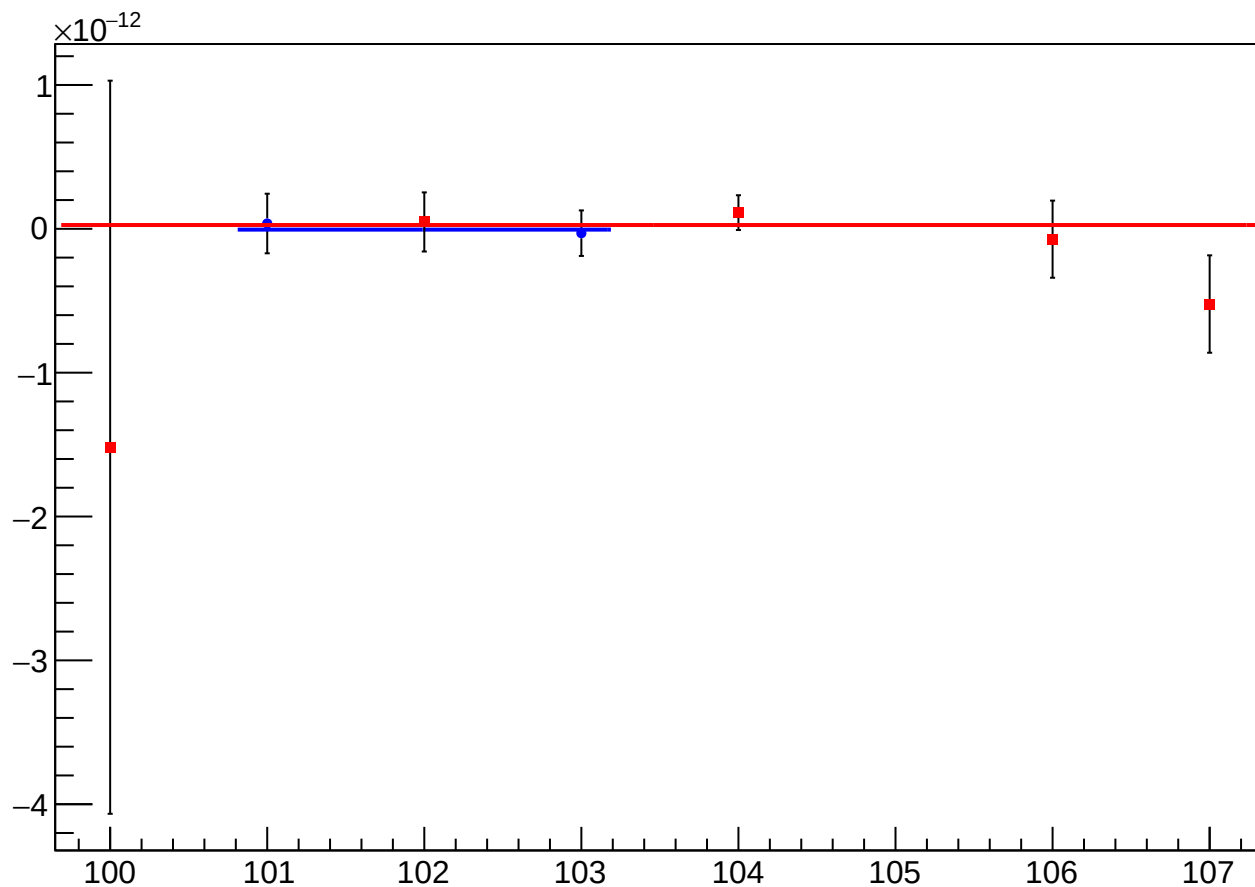
Right: 3427.166+/-1.547 χ^2/NDF : 718890.0/6

In: 3809.386+/-2.657 χ^2/NDF : 457662.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3427.166+/-1.547 χ^2/NDF : 718890.0/6

asym_atr_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.1/1

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

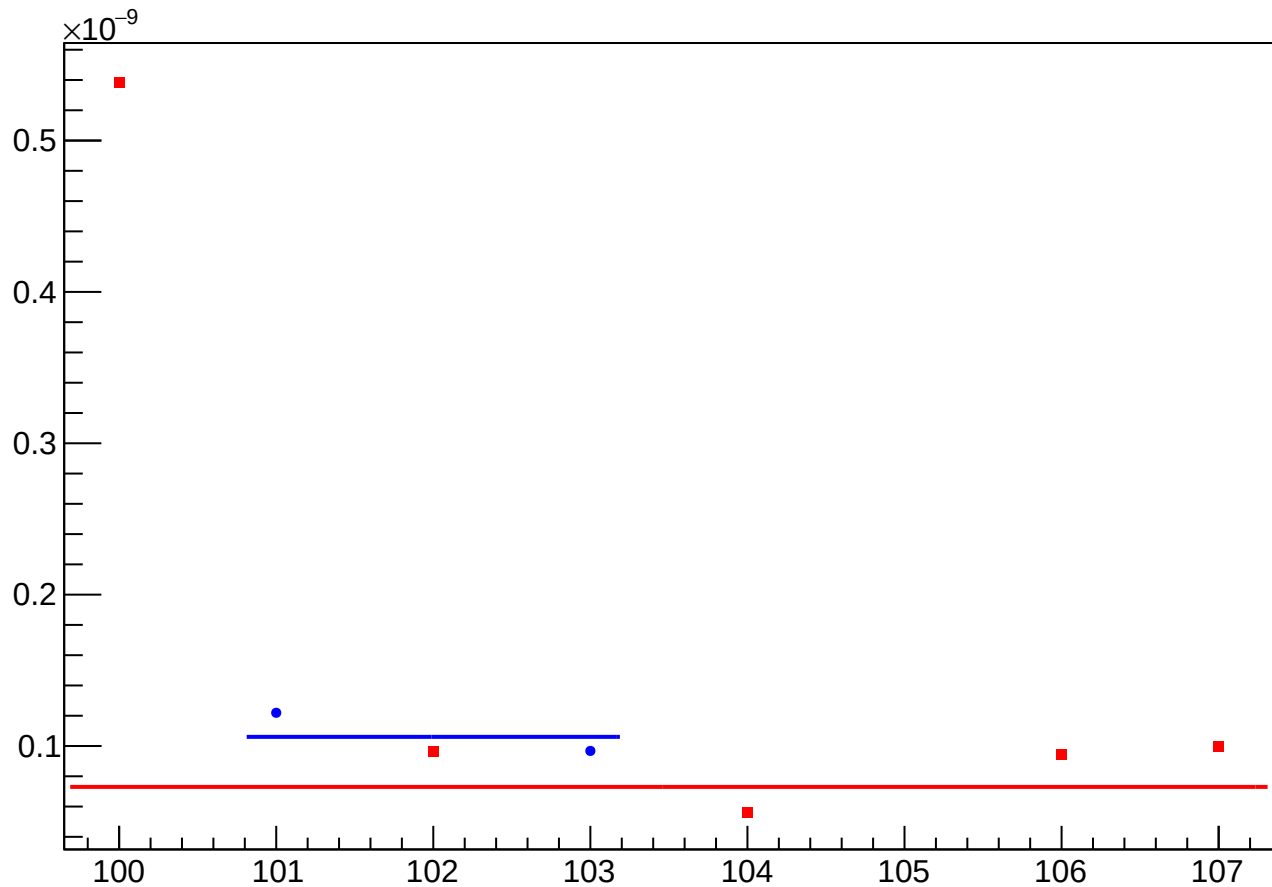
Right: 0.000+/-0.000 χ^2 /NDF: 3.8/6

In: -0.000+/-0.000 χ^2 /NDF:0.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 3.8/6

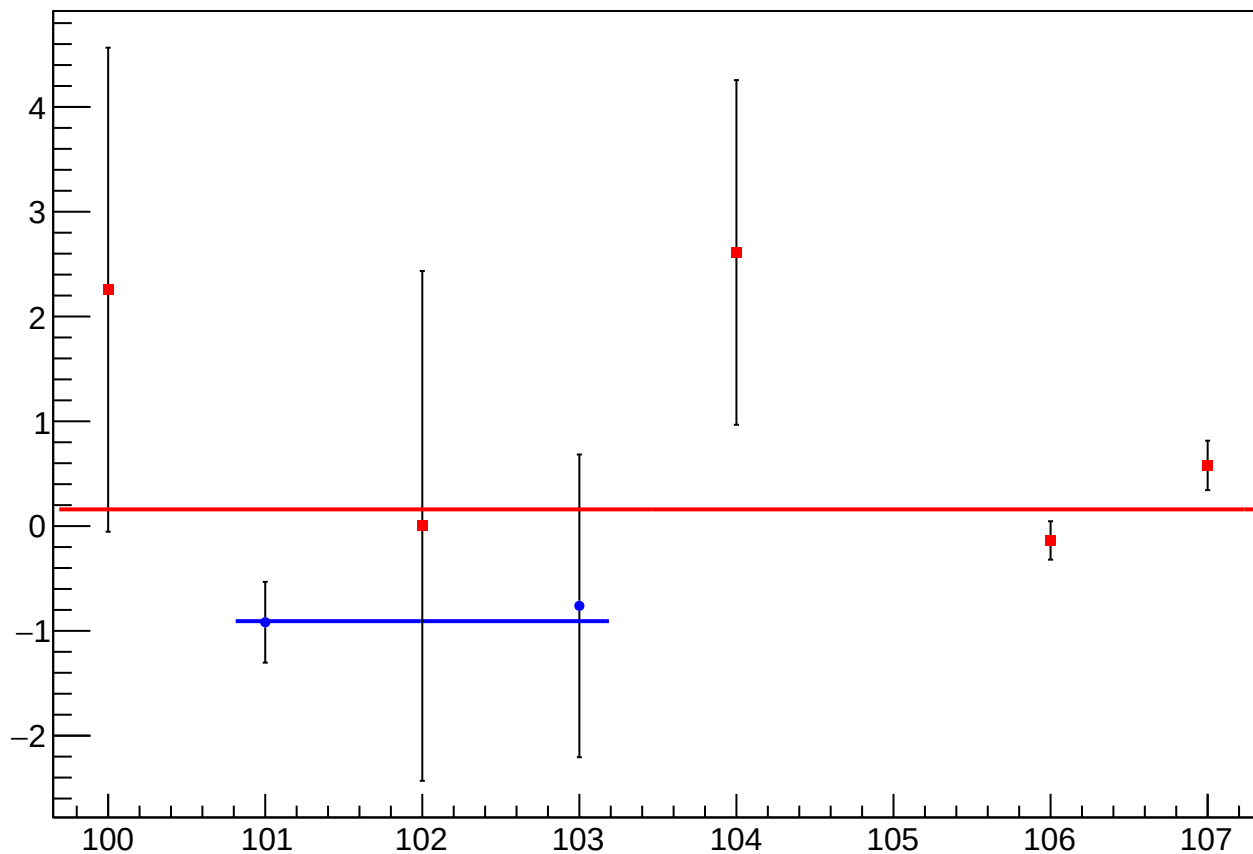
asym_atr_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 18669.4/1
 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 : 266142.8/6
 In: 0.000+/-0.000 χ^2/NDF : 18669.4/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 266142.8/6

asym_atr_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.907 ± 0.372 $\chi^2/\text{NDF}: 0.0/1$

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

Right Out: 0.160 ± 0.144 $\chi^2/\text{NDF}: 8.8/4$

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

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

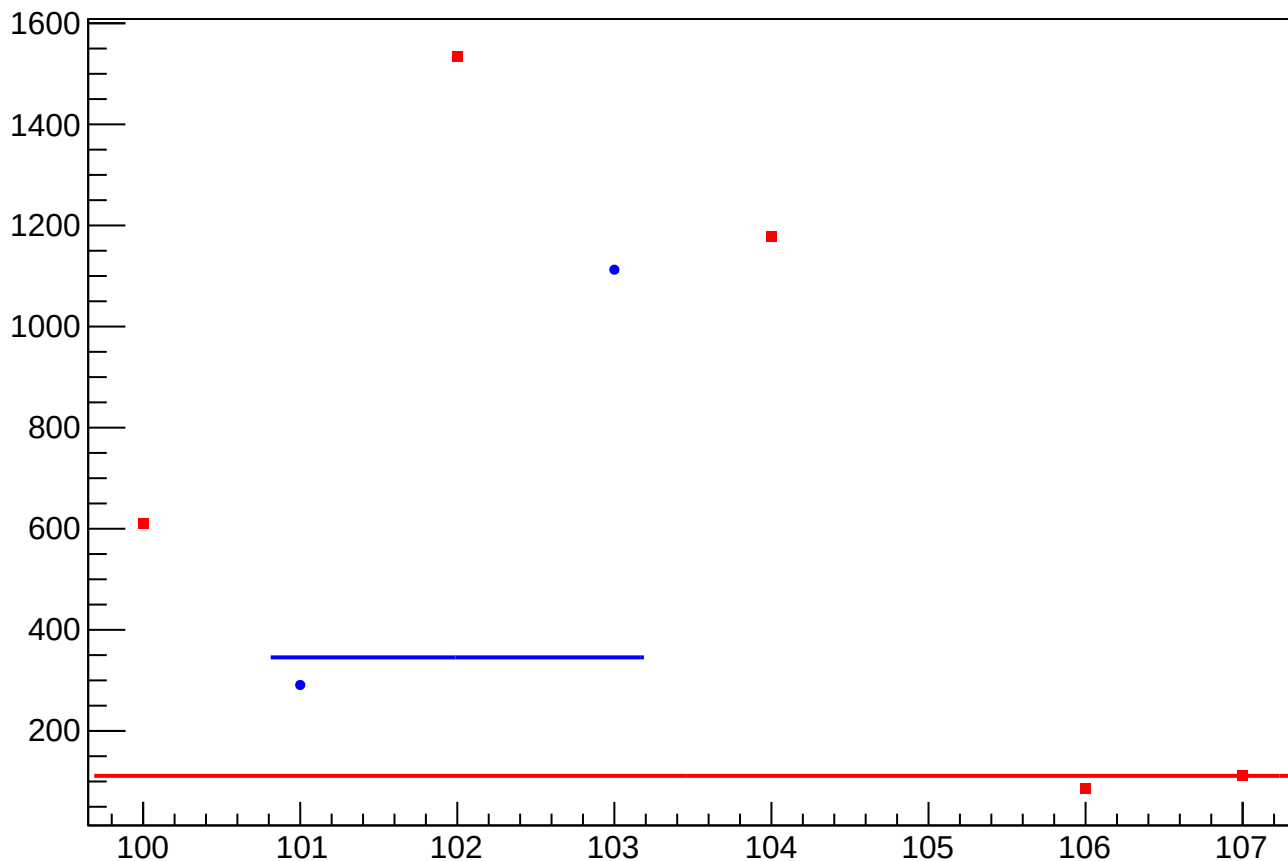
Right: 0.022 ± 0.134 $\chi^2/\text{NDF}: 16.0/6$

In: -0.907 ± 0.372 $\chi^2/\text{NDF}: 0.0/1$

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

All: 0.022 ± 0.134 $\chi^2/\text{NDF}: 16.0/6$

asym_atr_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 345.517 $\pm$ 0.263 χ^2 /NDF: 603874.0/1

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

Right Out: 111.146 $\pm$ 0.101 χ^2 /NDF: 1658925.0/4

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

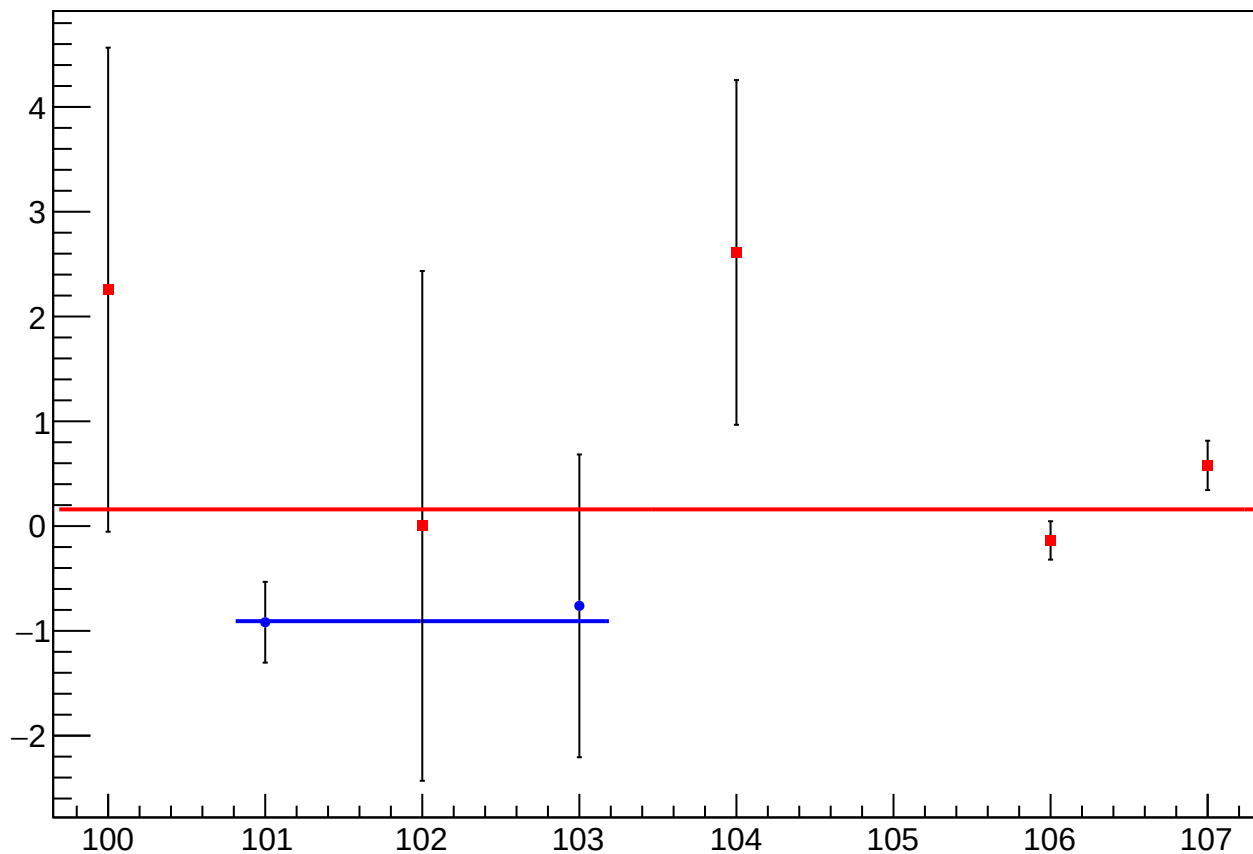
Right: 141.461 $\pm$ 0.095 χ^2 /NDF: 2952624.3/6

In: 345.517 $\pm$ 0.263 χ^2 /NDF:603874.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 141.461 $\pm$ 0.095 χ^2 /NDF: 2952624.3/6

asym_atr_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.907 ± 0.372 χ^2/NDF : 0.0/1

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

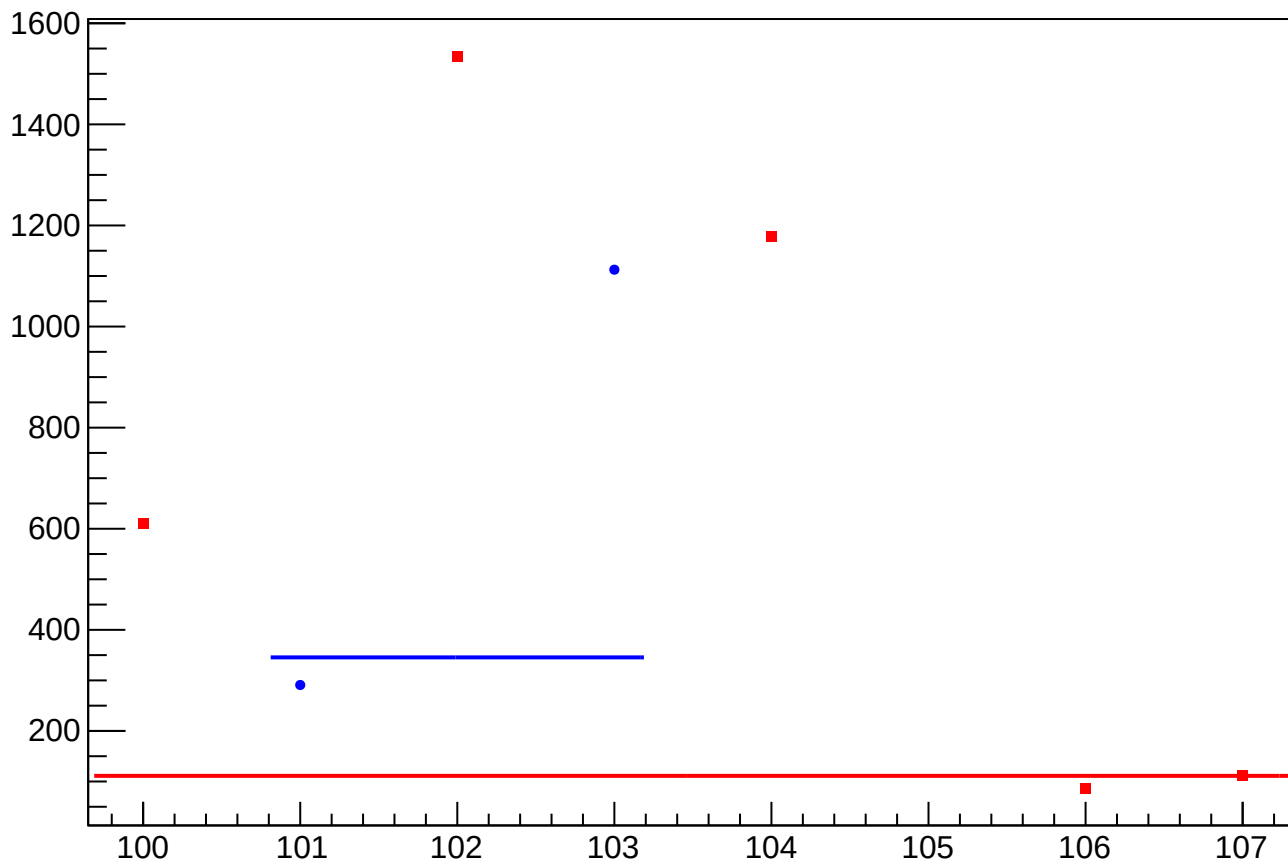
Right: 0.022 ± 0.134 χ^2/NDF : 16.0/6

In: -0.907 ± 0.372 χ^2/NDF : 0.0/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.022 ± 0.134 χ^2/NDF : 16.0/6

asym_atr_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 345.517 $\pm$ 0.263 χ^2 /NDF: 603874.0/1

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

Right Out: 111.146 $\pm$ 0.101 χ^2 /NDF: 1658925.0/4

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

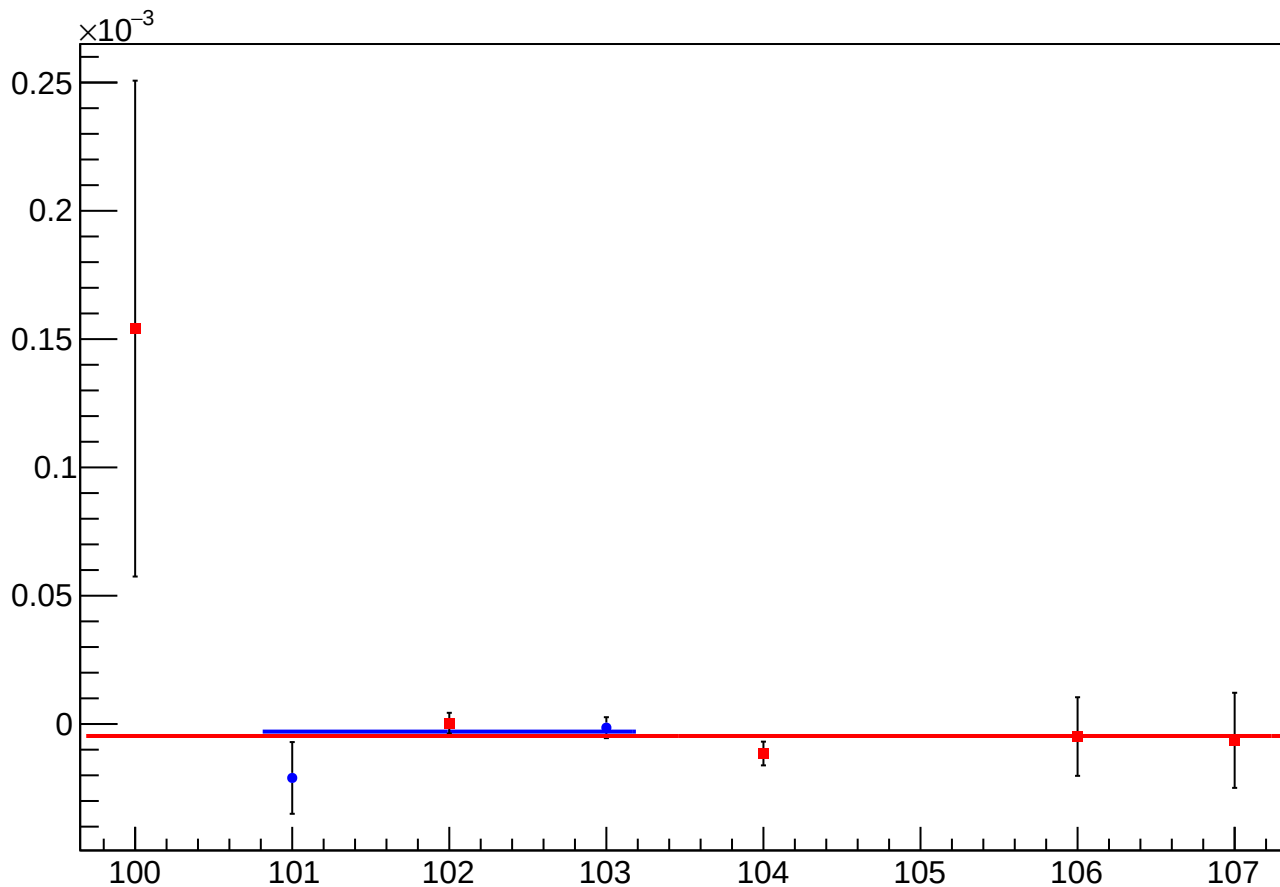
Right: 141.461 $\pm$ 0.095 χ^2 /NDF: 2952624.3/6

In: 345.517 $\pm$ 0.263 χ^2 /NDF:603874.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 141.461 $\pm$ 0.095 χ^2 /NDF: 2952624.3/6

asym_atr_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.8/1

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

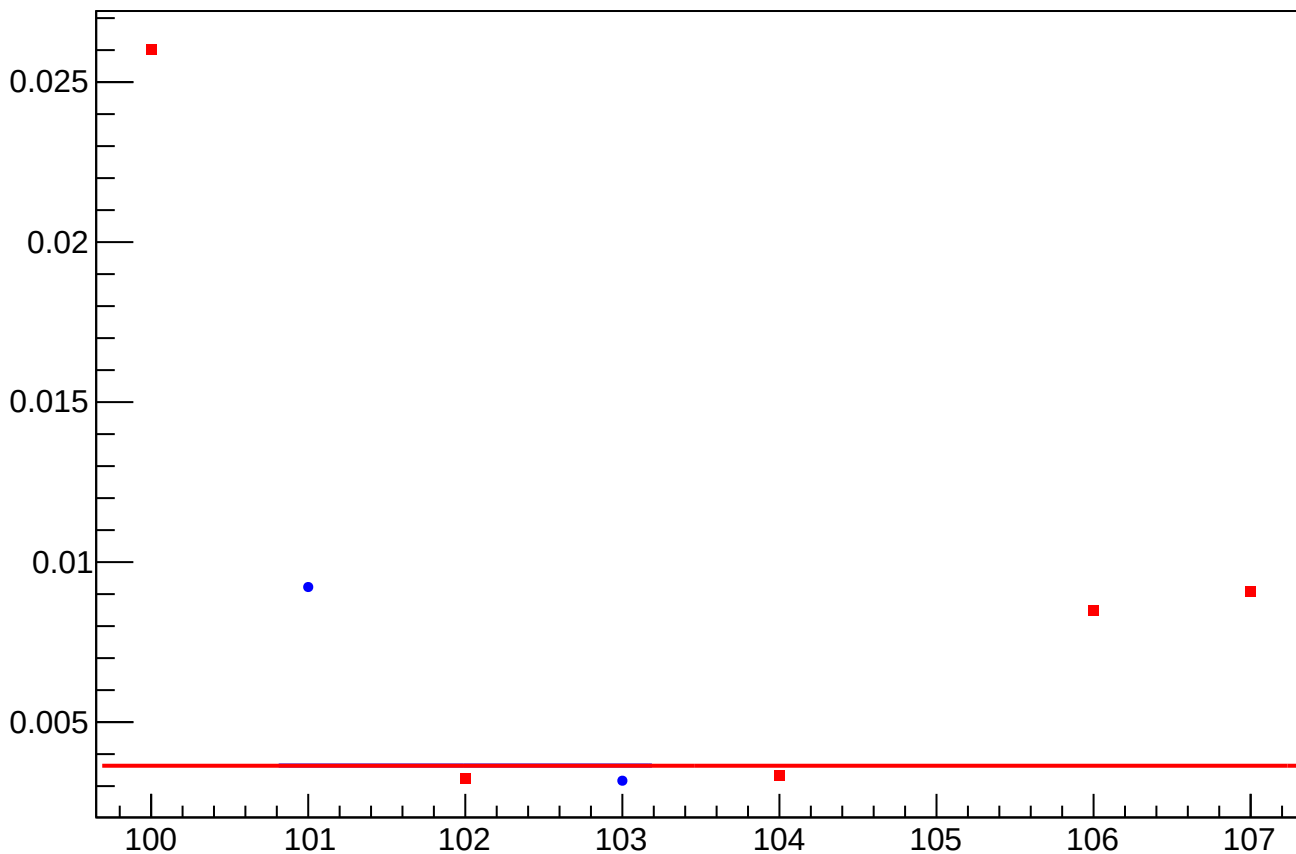
Right: -0.000+/-0.000 χ^2/NDF : 8.4/6

In: -0.000+/-0.000 χ^2/NDF : 1.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.4/6

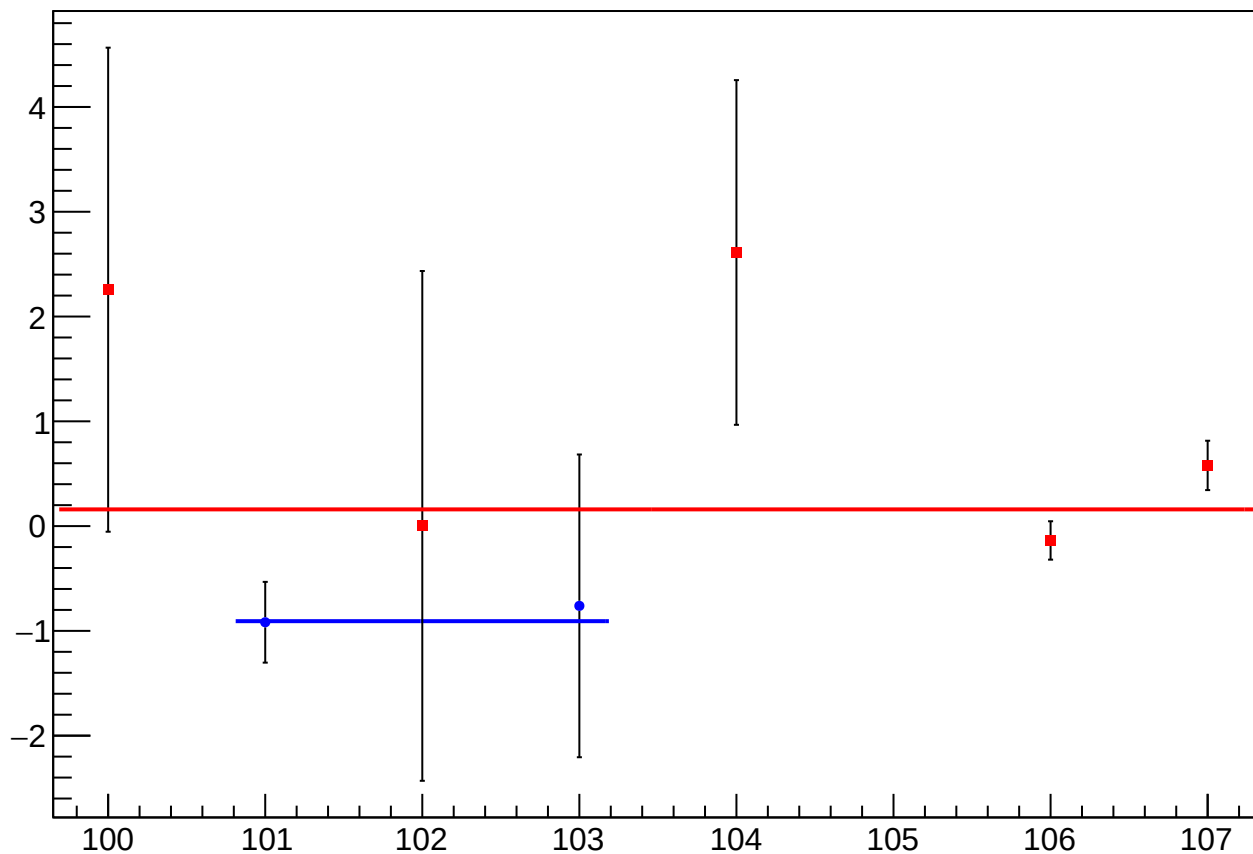
asym_atr_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 345648.1/1
 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 : 854296.8/6
 In: 0.004+/-0.000 χ^2/NDF : 345648.1/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.004+/-0.000 χ^2/NDF : 854296.8/6

asym_atr_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.907 ± 0.372 χ^2/NDF : 0.0/1

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

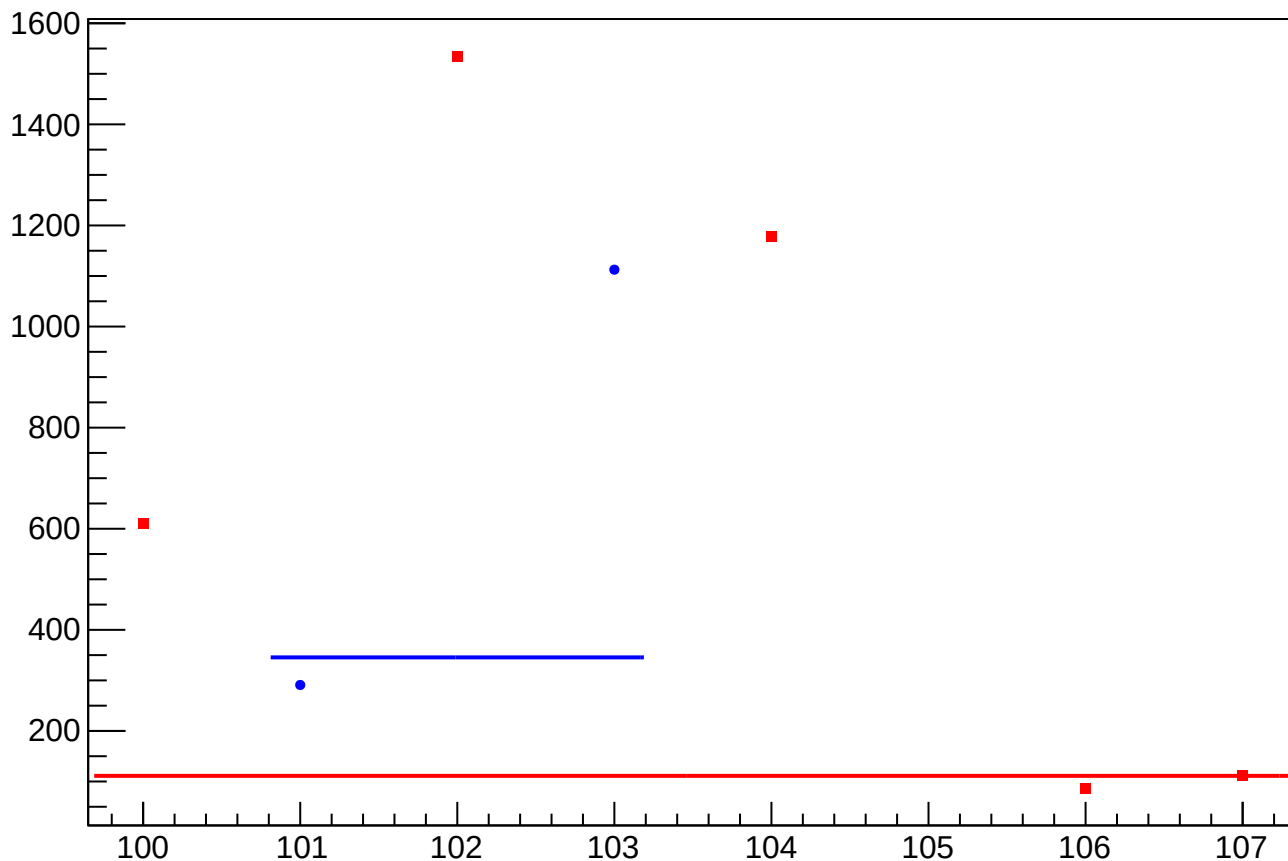
Right: 0.022 ± 0.134 χ^2/NDF : 16.0/6

In: -0.907 ± 0.372 χ^2/NDF : 0.0/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.022 ± 0.134 χ^2/NDF : 16.0/6

asym_atr_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 345.518 $\pm$ 0.263 χ^2 /NDF: 603870.6/1

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

Right Out: 111.146 $\pm$ 0.101 χ^2 /NDF: 1658923.8/4

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

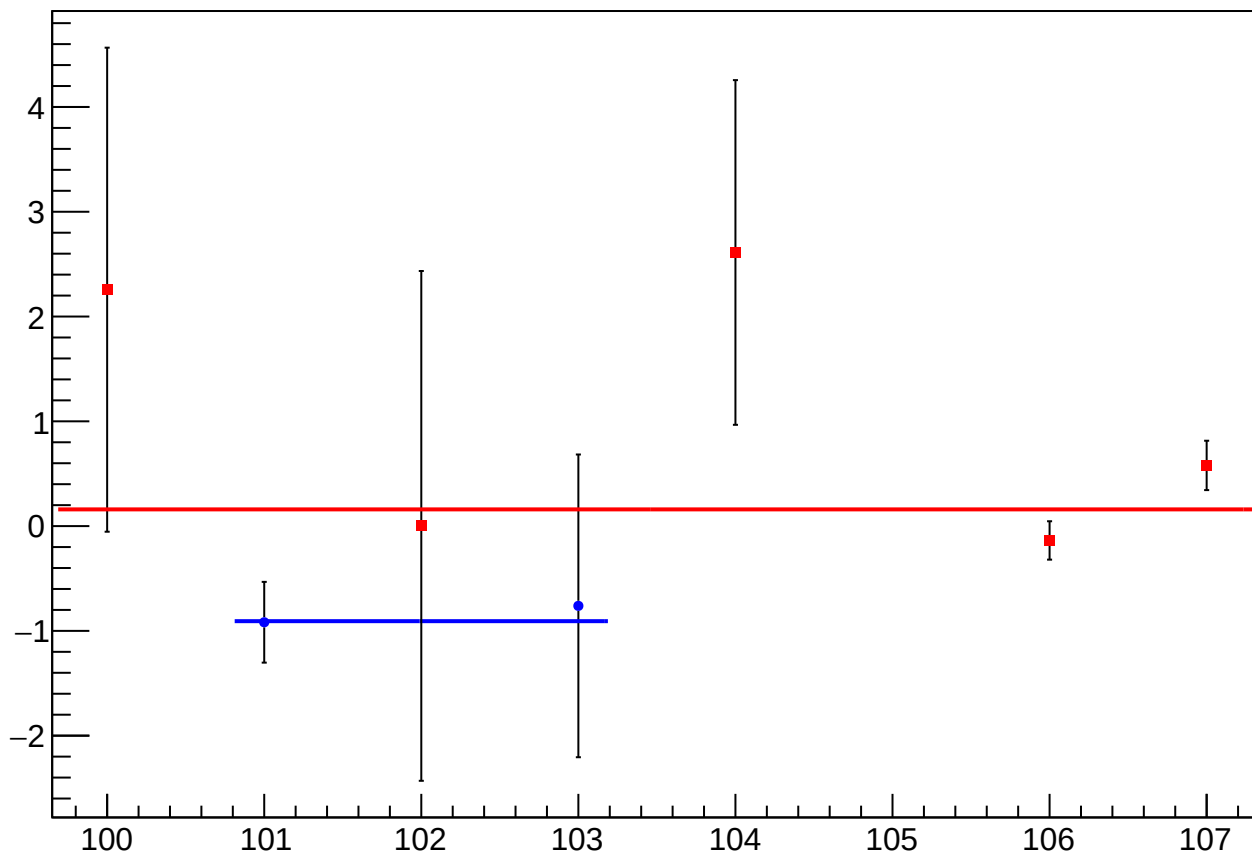
Right: 141.461 $\pm$ 0.095 χ^2 /NDF: 2952626.6/6

In: 345.518 $\pm$ 0.263 χ^2 /NDF:603870.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 141.461 $\pm$ 0.095 χ^2 /NDF: 2952626.6/6

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.907 ± 0.372 $\chi^2/\text{NDF}: 0.0/1$

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

Right Out: 0.160 ± 0.144 $\chi^2/\text{NDF}: 8.8/4$

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

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

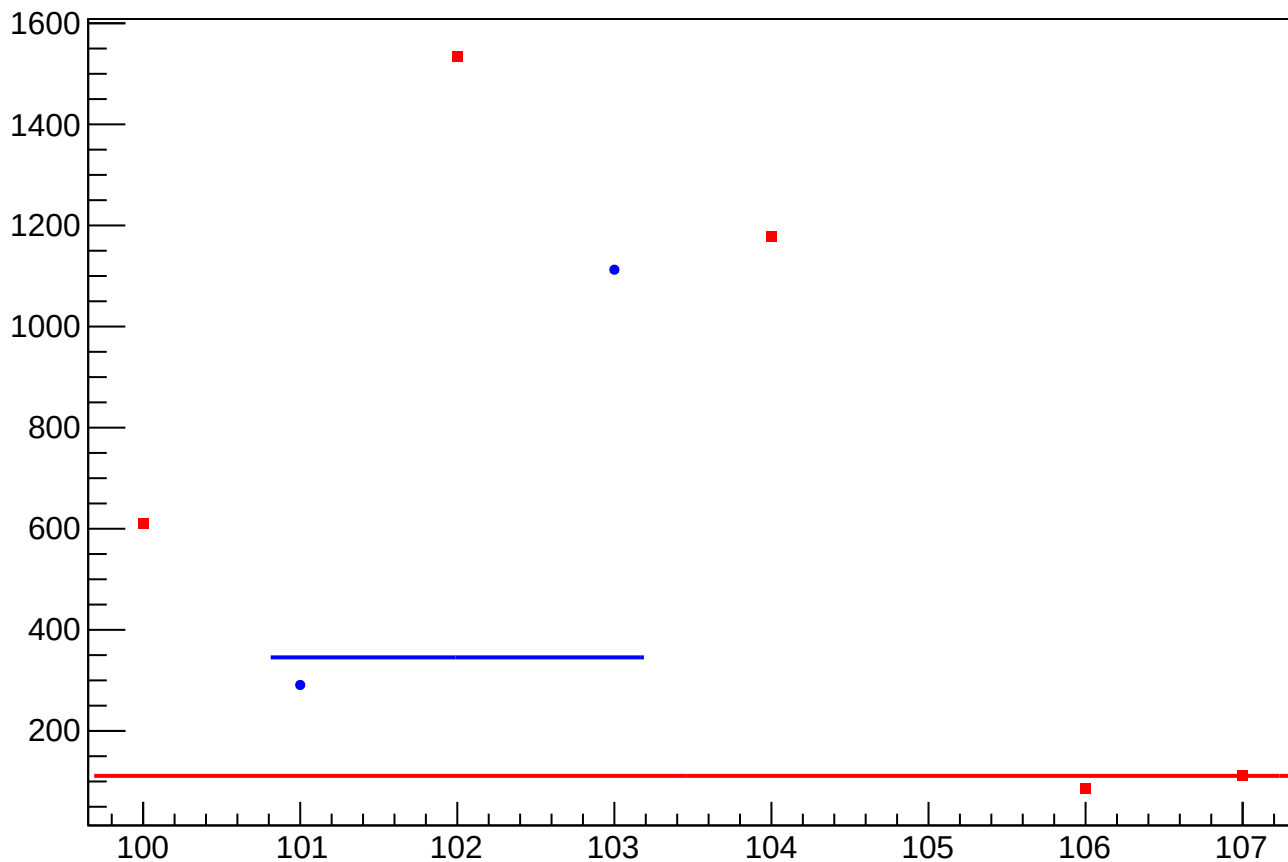
Right: 0.022 ± 0.134 $\chi^2/\text{NDF}: 16.0/6$

In: -0.907 ± 0.372 $\chi^2/\text{NDF}: 0.0/1$

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

All: 0.022 ± 0.134 $\chi^2/\text{NDF}: 16.0/6$

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 345.518+/-0.263 χ^2/NDF : 603870.6/1

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

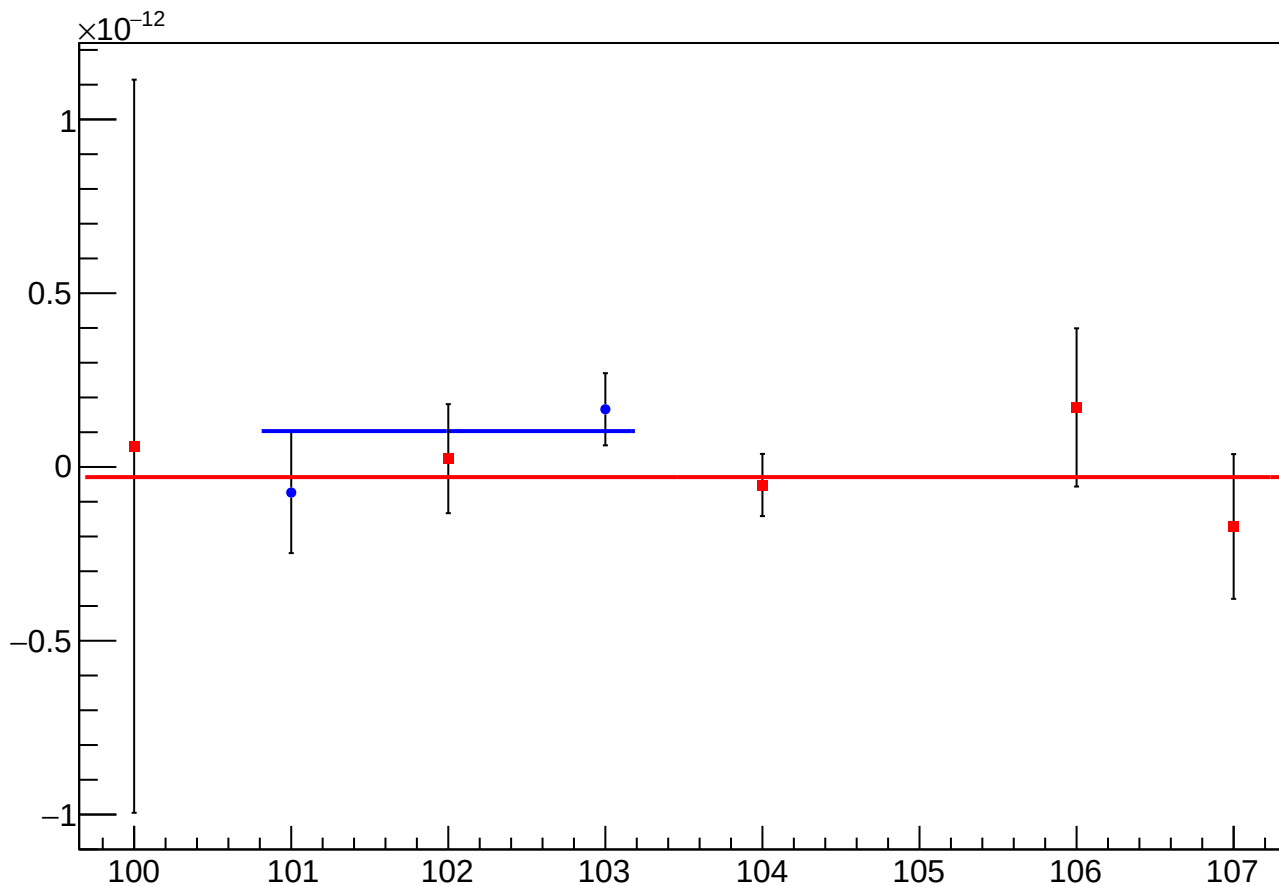
Right: 141.461+/-0.095 χ^2/NDF : 2952626.6/6

In: 345.518+/-0.263 χ^2/NDF : 603870.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.461+/-0.095 χ^2/NDF : 2952626.6/6

asym_atr_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.4/1

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

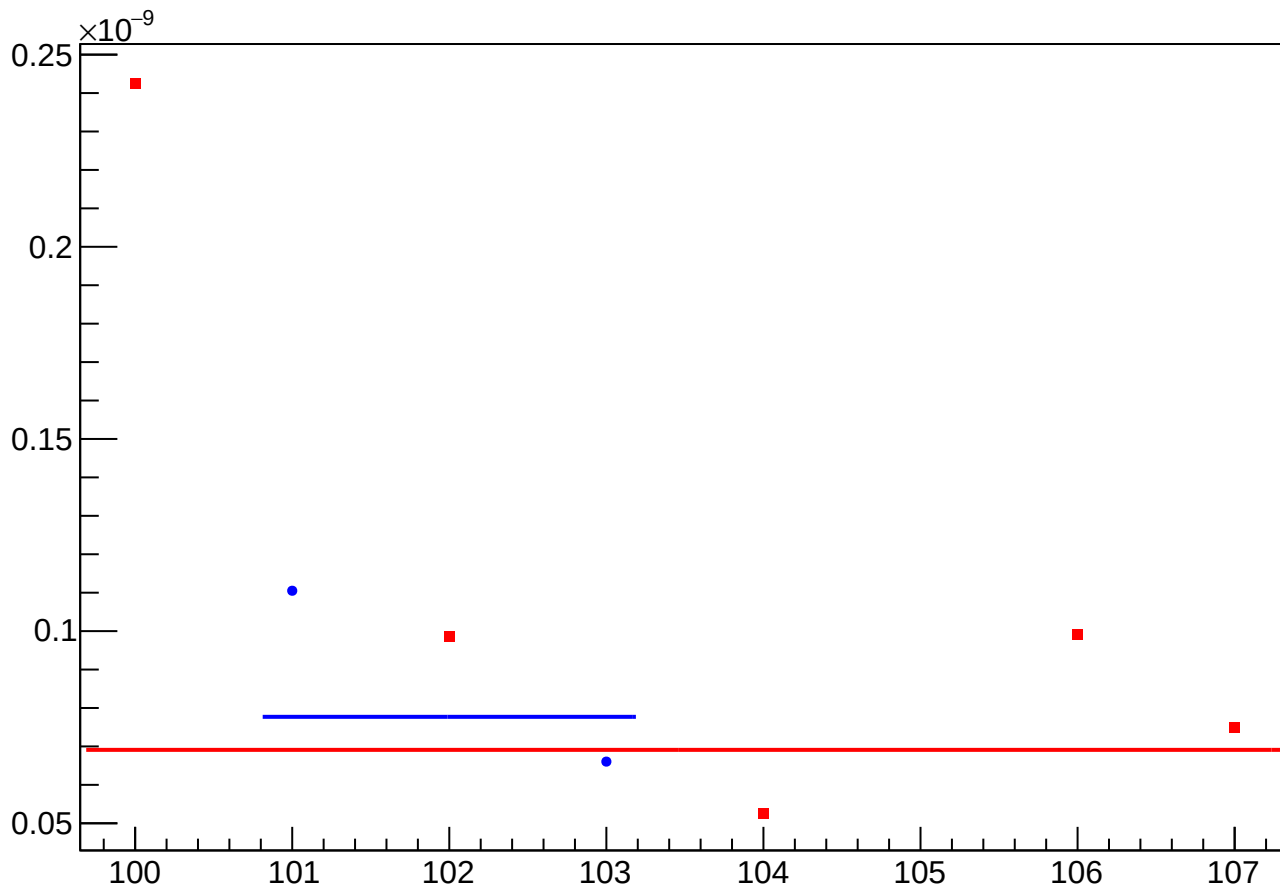
Right: 0.000+/-0.000 χ^2/NDF : 4.2/6

In: 0.000+/-0.000 χ^2/NDF : 1.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.2/6

asym_atr_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 96135.9/1

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

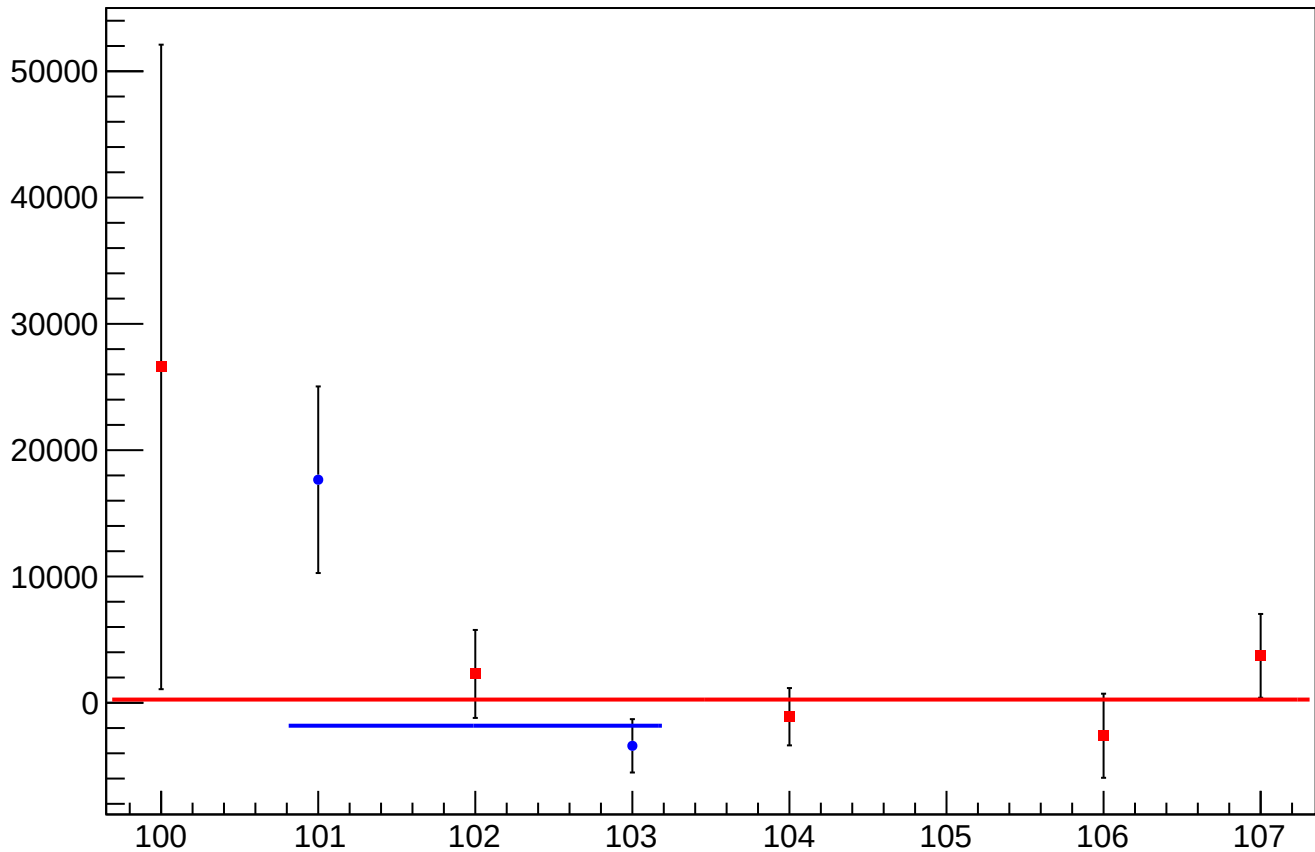
Right: 0.000+/-0.000 χ^2/NDF : 337403.9/6

In: 0.000+/-0.000 χ^2/NDF : 96135.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 337403.9/6

reg_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1815.039+/-2031.217 χ^2/NDF : 7.5/1

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

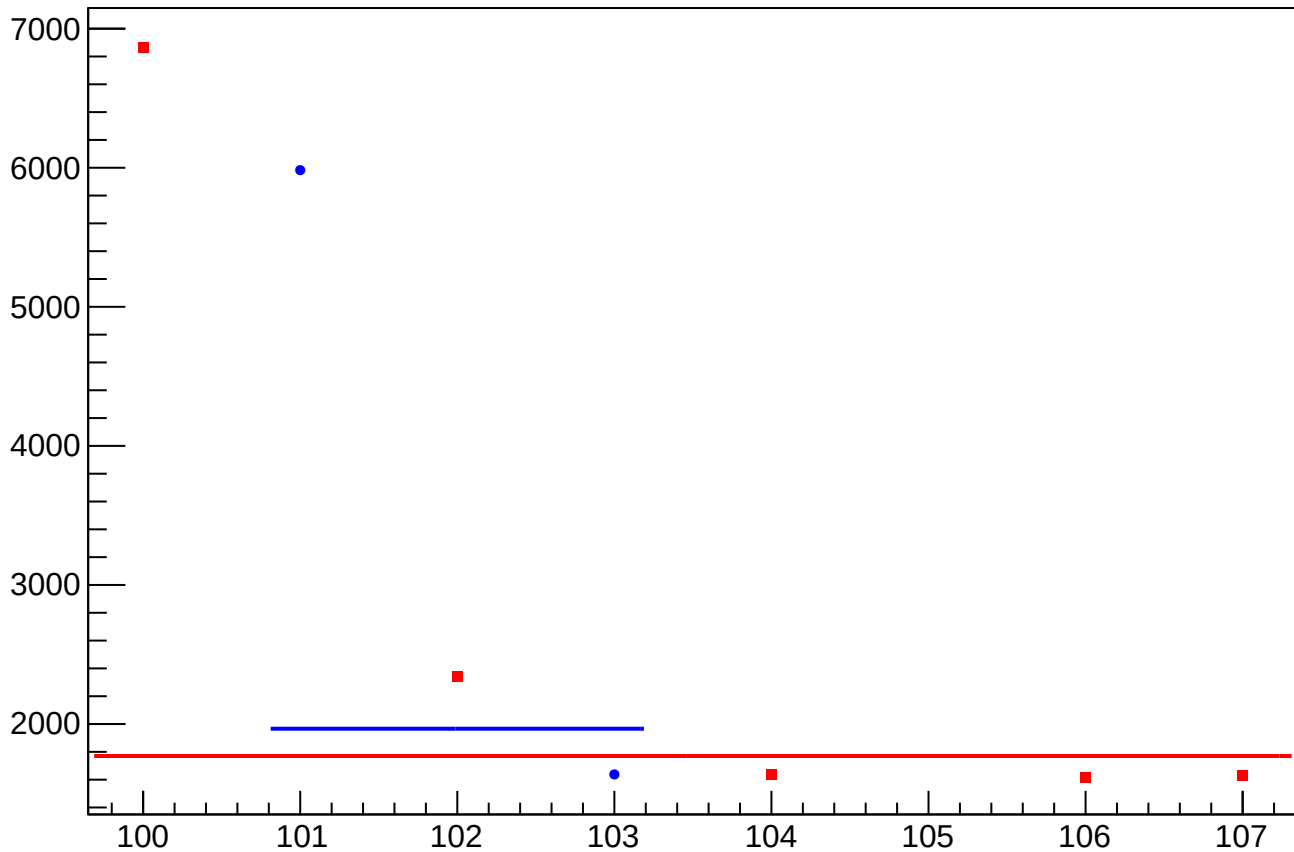
Right: -460.028+/-1193.749 χ^2/NDF : 11.8/6

In: -1815.039+/-2031.217 χ^2/NDF : 7.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -460.028+/-1193.749 χ^2/NDF : 11.8/6

reg_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1966.209+/-1.436 χ^2/NDF : 639655.5/1

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

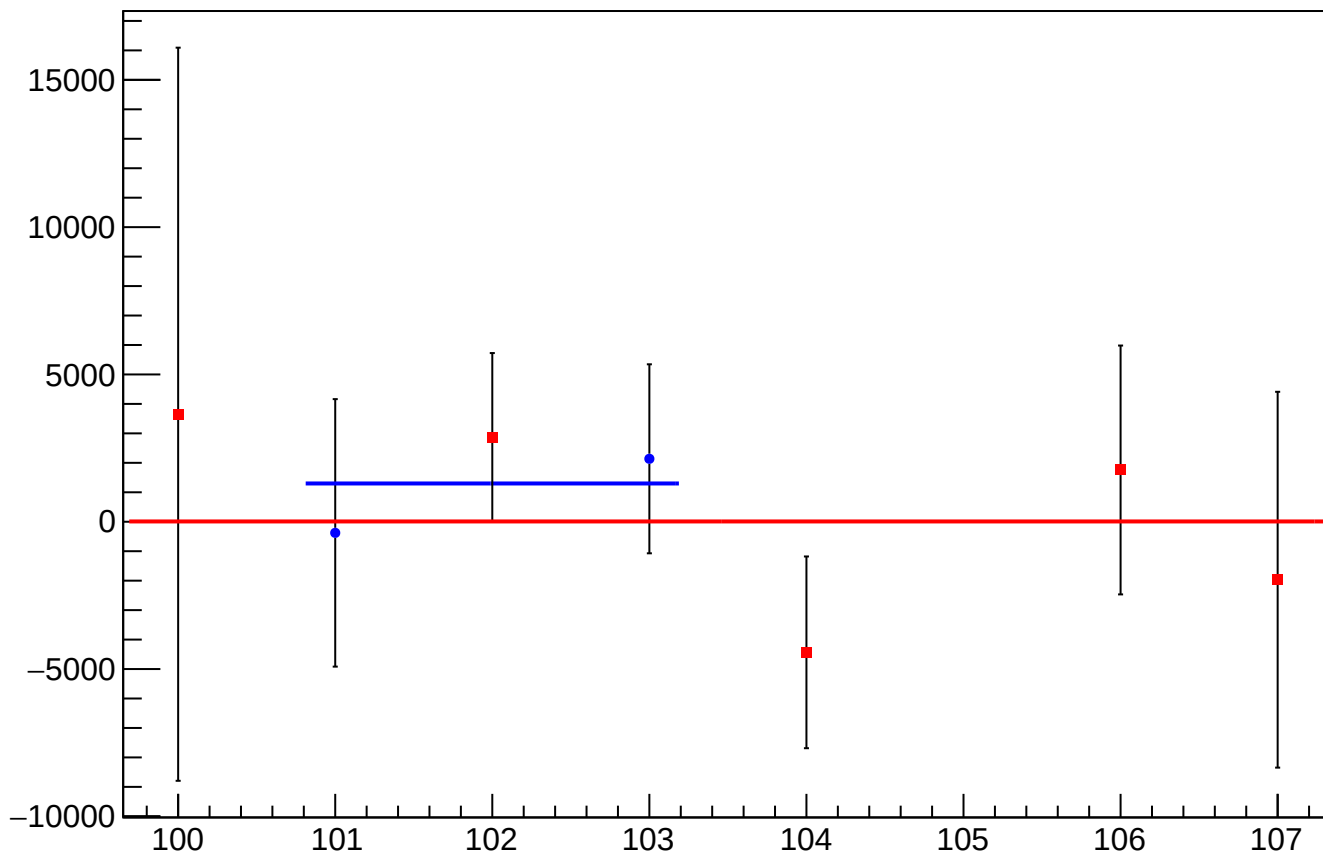
Right: 1836.485+/-0.836 χ^2/NDF : 802037.0/6

In: 1966.209+/-1.436 χ^2/NDF : 639655.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1836.485+/-0.836 χ^2/NDF : 802037.0/6

asym_atr_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 1299.239 $\pm$ 2620.017 χ^2 /NDF: 0.2/1

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

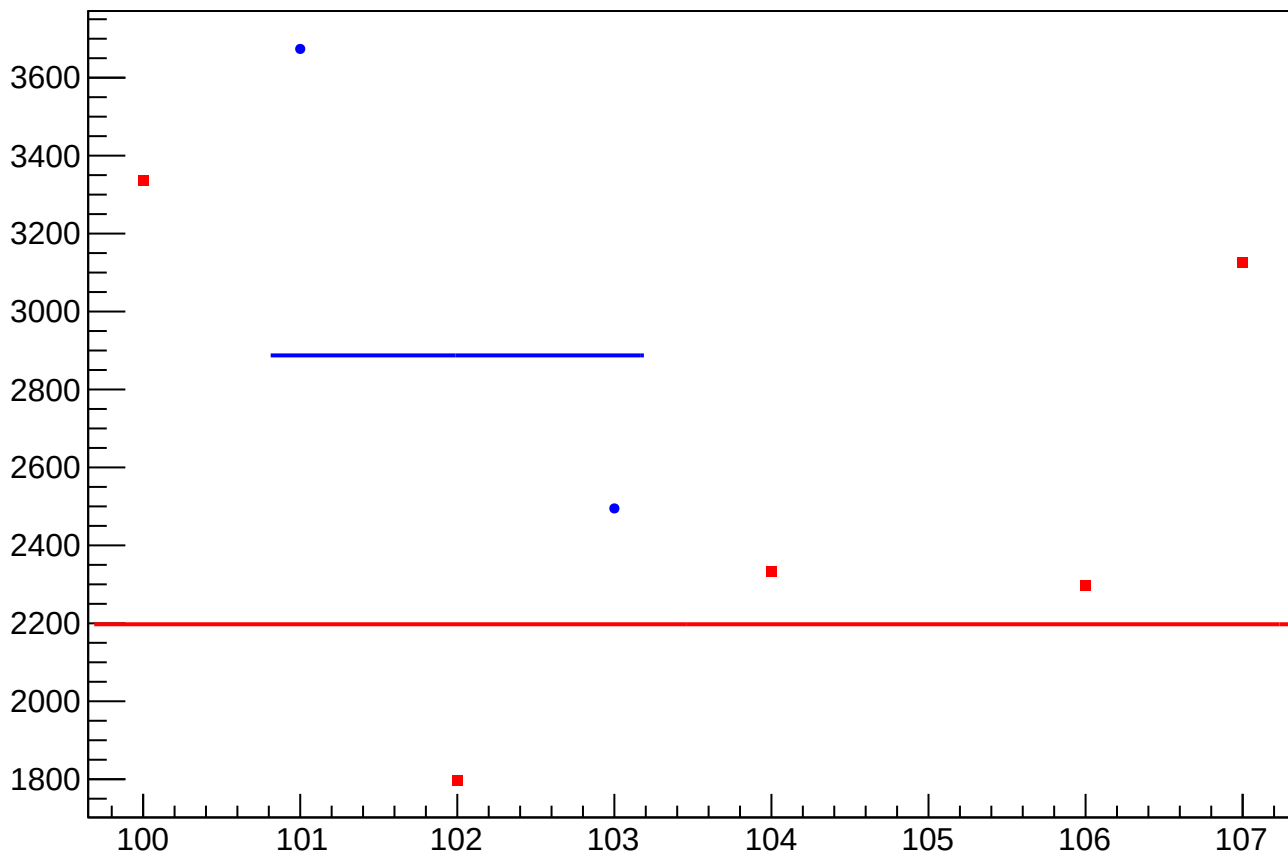
Right: 428.513 $\pm$ 1492.581 χ^2 /NDF: 3.6/6

In: 1299.239 $\pm$ 2620.017 χ^2 /NDF: 0.2/1

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

All: 428.513 $\pm$ 1492.581 χ^2 /NDF: 3.6/6

asym_atr_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2887.447+/-1.853 χ^2/NDF : 89950.2/1

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

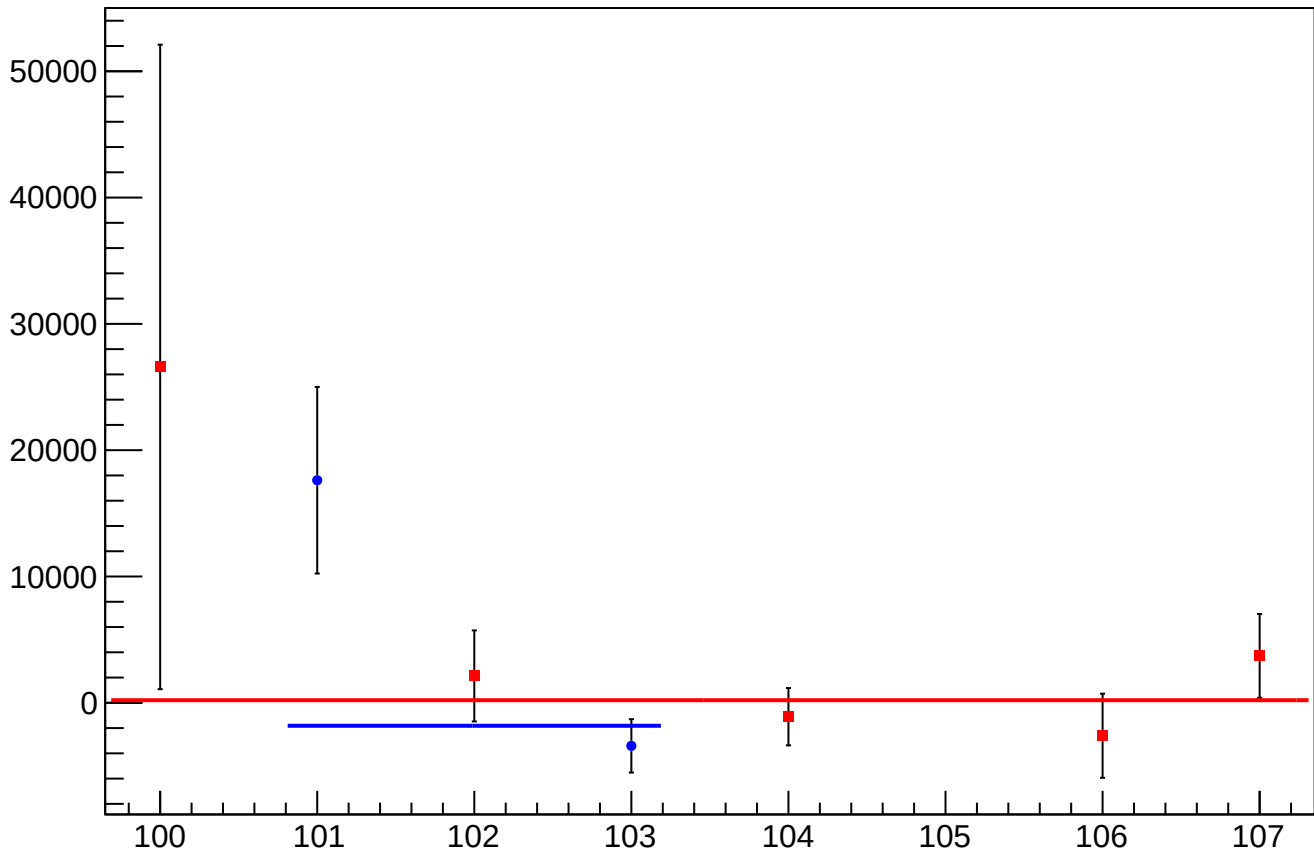
Right: 2421.478+/-1.055 χ^2/NDF : 286179.7/6

In: 2887.447+/-1.853 χ^2/NDF : 89950.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2421.478+/-1.055 χ^2/NDF : 286179.7/6

cor_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1817.345+/-2031.219 χ^2/NDF : 7.5/1

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

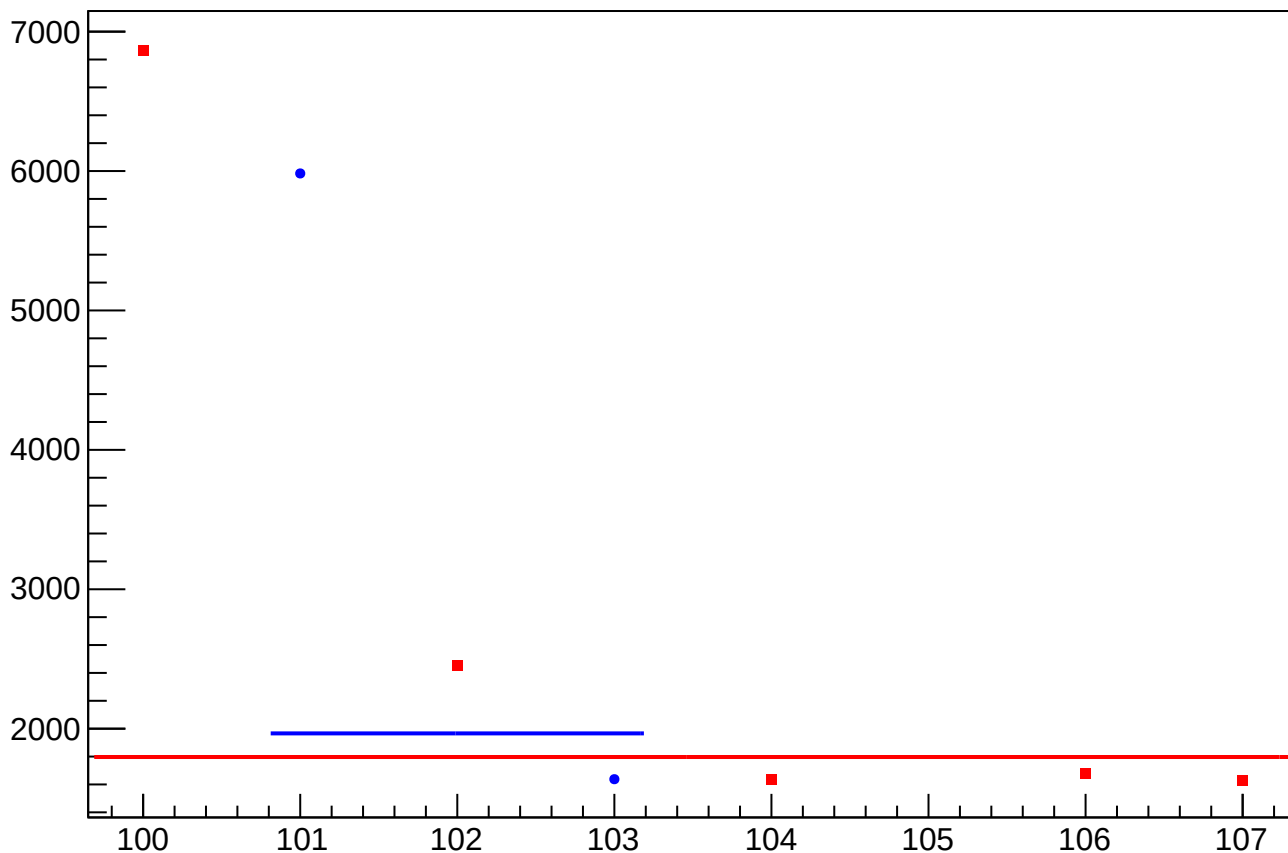
Right: -497.766+/-1198.413 χ^2/NDF : 11.7/6

In: -1817.345+/-2031.219 χ^2/NDF : 7.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -497.766+/-1198.413 χ^2/NDF : 11.7/6

cor_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1966.208+/-1.436 χ^2/NDF : 639655.8/1

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

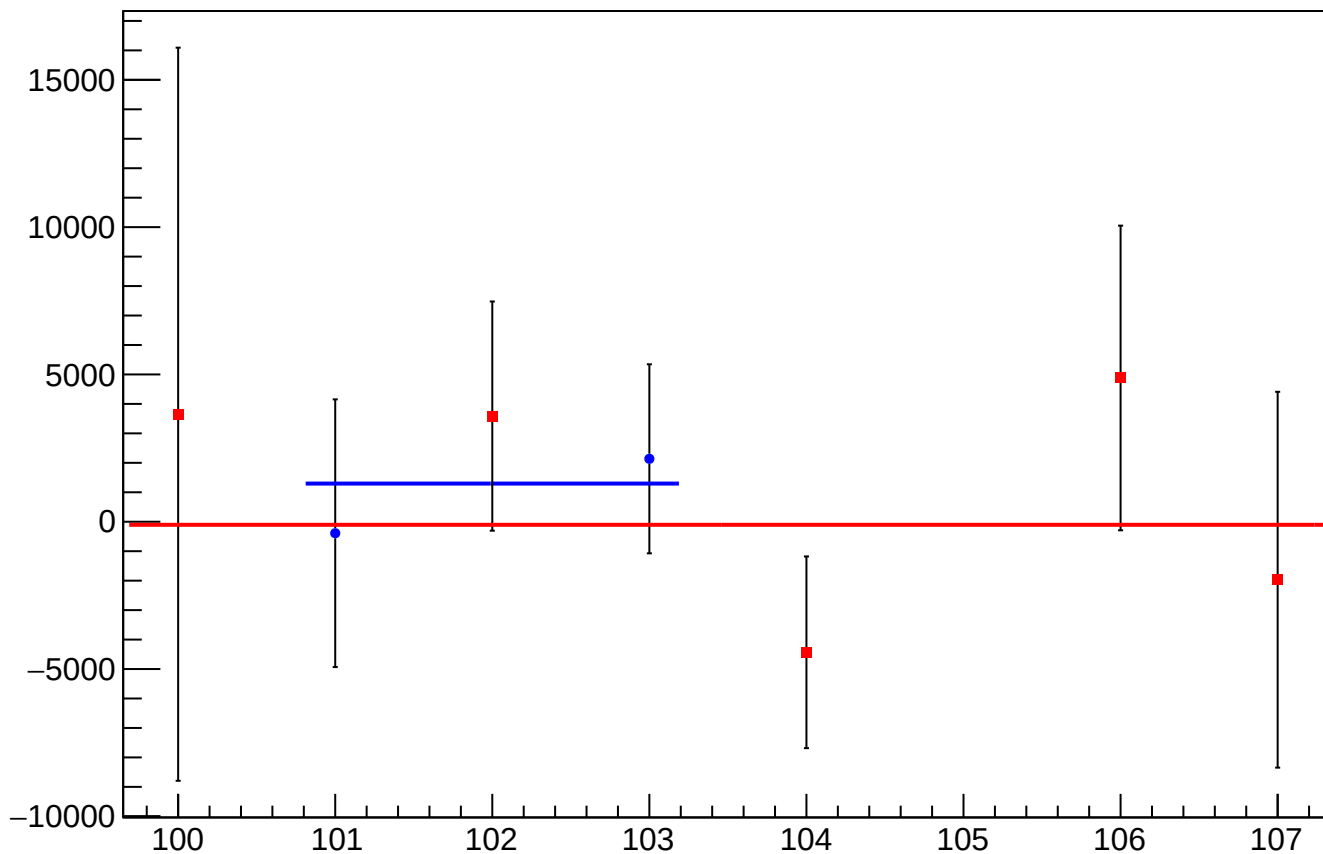
Right: 1855.272+/-0.844 χ^2/NDF : 812663.6/6

In: 1966.208+/-1.436 χ^2/NDF : 639655.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1855.272+/-0.844 χ^2/NDF : 812663.6/6

asym_atr_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1295.616 $\pm$ 2620.983 χ^2 /NDF: 0.2/1

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

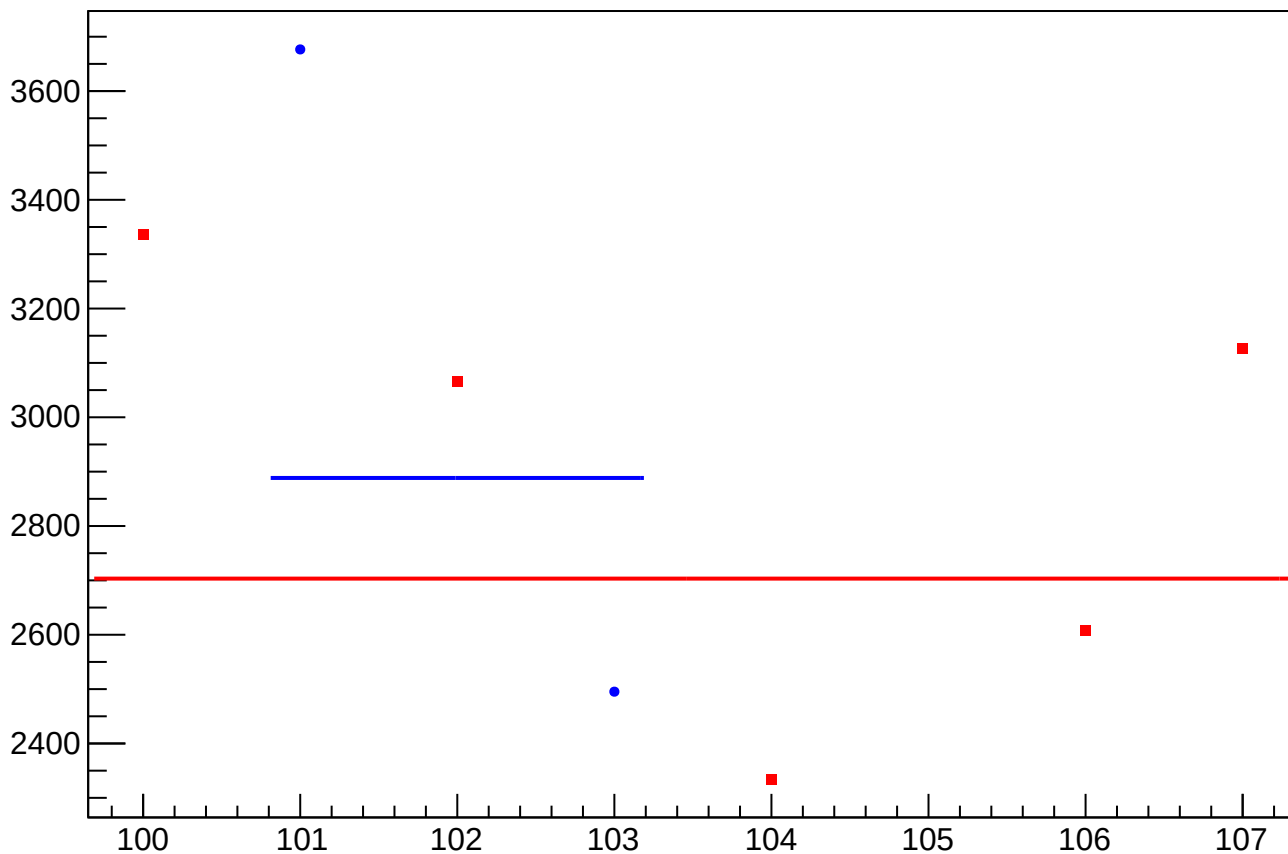
Right: 440.171 $\pm$ 1634.060 χ^2 /NDF: 4.2/6

In: 1295.616 $\pm$ 2620.983 χ^2 /NDF: 0.2/1

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

All: 440.171 $\pm$ 1634.060 χ^2 /NDF: 4.2/6

asym_atr_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2888.403+/-1.853 χ^2/NDF : 90210.1/1

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

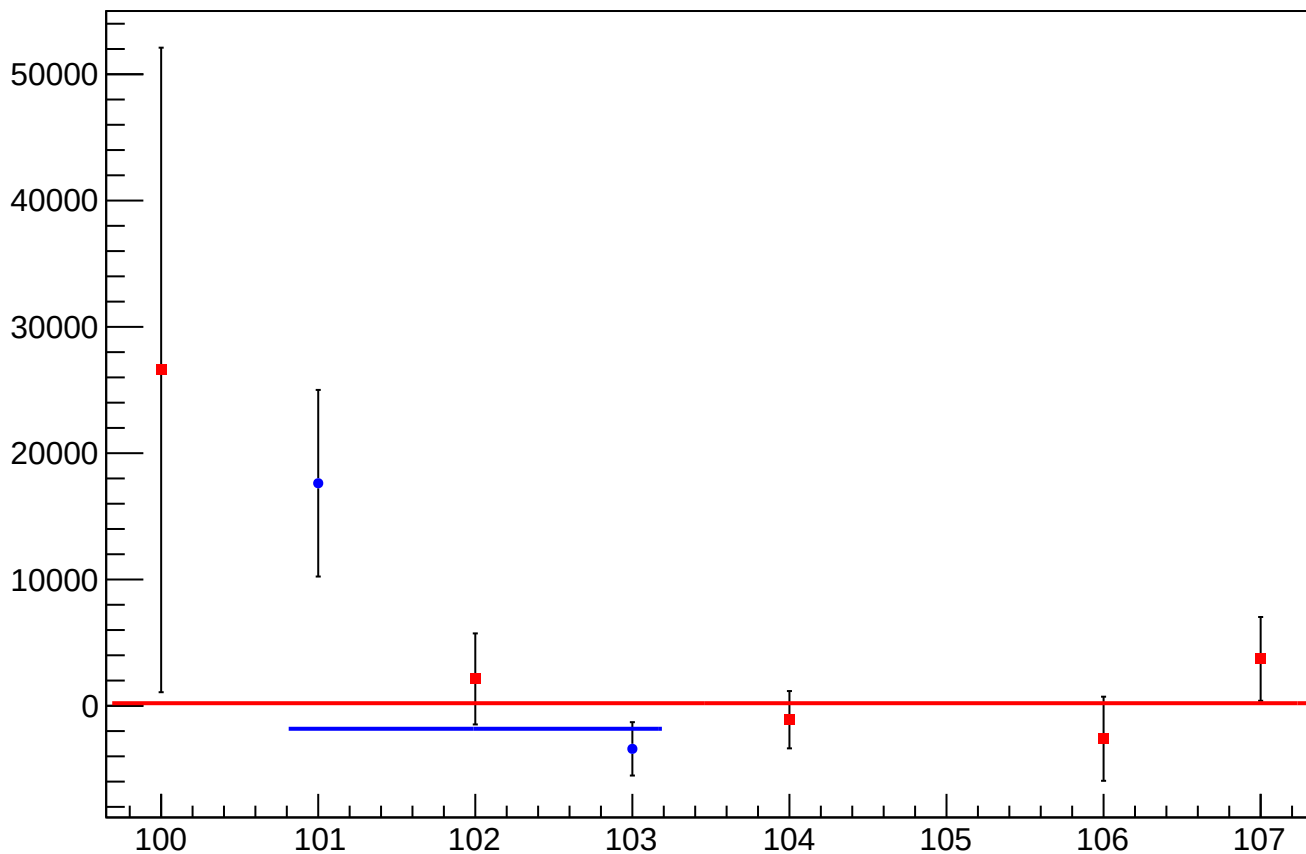
Right: 2775.231+/-1.155 χ^2/NDF : 154137.1/6

In: 2888.403+/-1.853 χ^2/NDF : 90210.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2775.231+/-1.155 χ^2/NDF : 154137.1/6

eigen_cor_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1817.345+/-2031.219 χ^2/NDF : 7.5/1

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

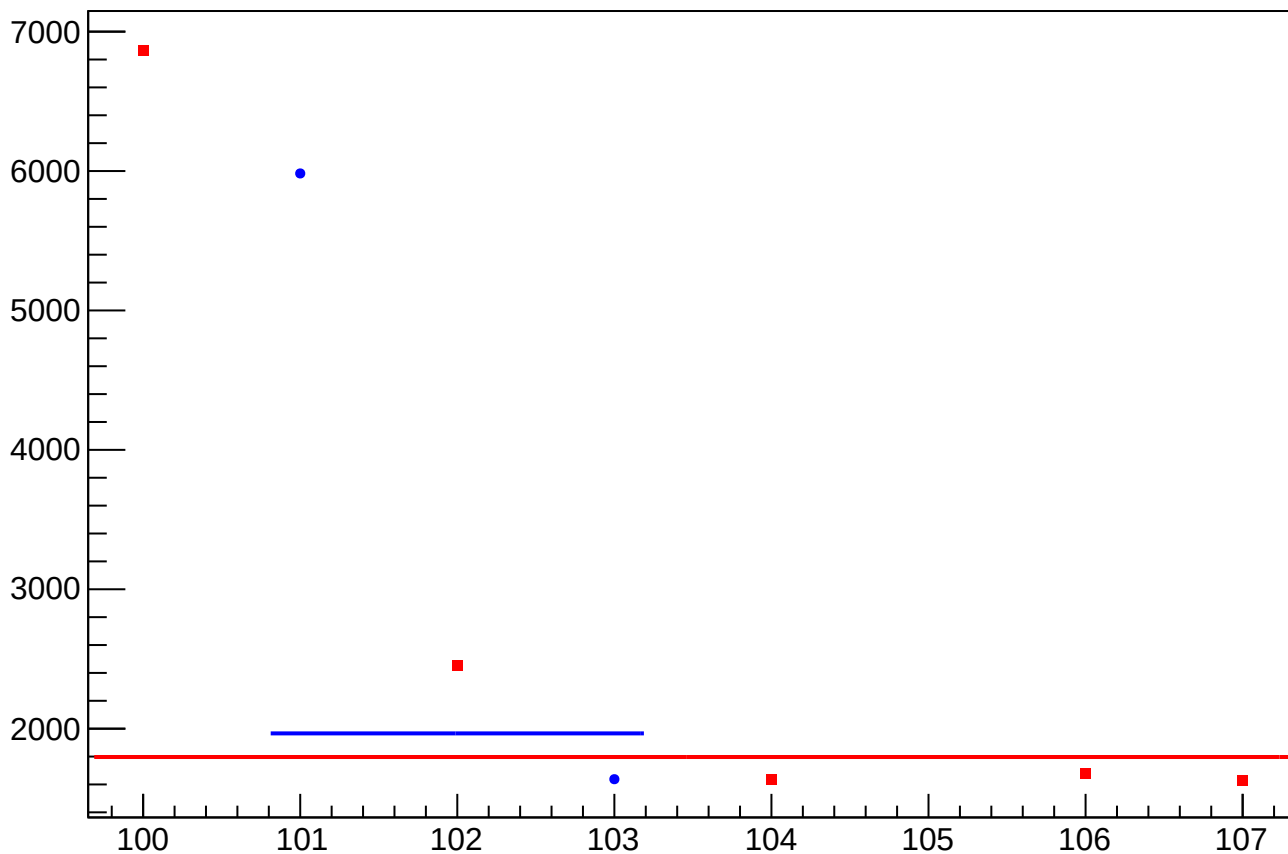
Right: -497.766+/-1198.413 χ^2/NDF : 11.7/6

In: -1817.345+/-2031.219 χ^2/NDF : 7.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -497.766+/-1198.413 χ^2/NDF : 11.7/6

eigen_cor_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1966.208+/-1.436 χ^2/NDF : 639655.8/1

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

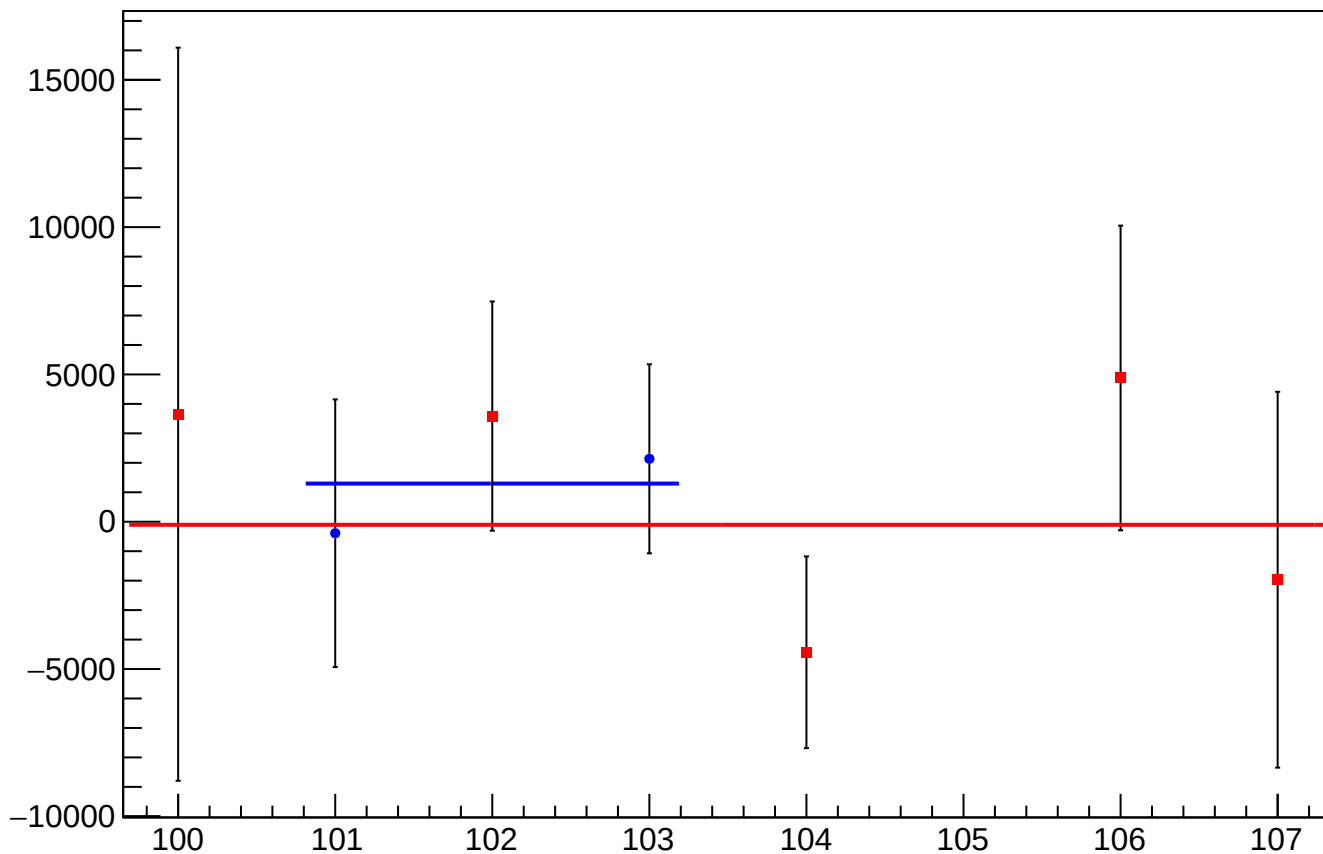
Right: 1855.272+/-0.844 χ^2/NDF : 812663.6/6

In: 1966.208+/-1.436 χ^2/NDF : 639655.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1855.272+/-0.844 χ^2/NDF : 812663.6/6

asym_atr_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1295.616+/-2620.983 χ^2/NDF : 0.2/1

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

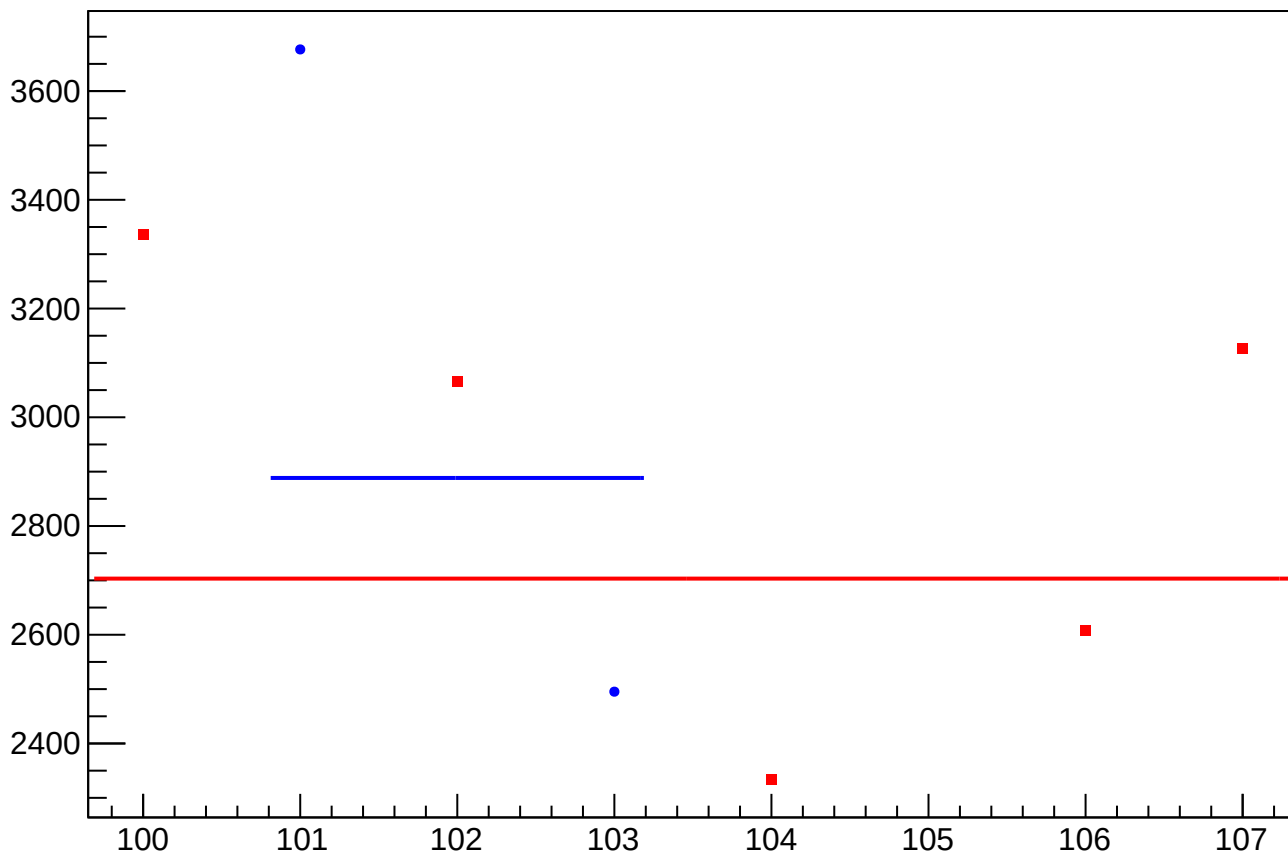
Right: 440.171+/-1634.060 χ^2/NDF : 4.2/6

In: 1295.616+/-2620.983 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 440.171+/-1634.060 χ^2/NDF : 4.2/6

asym_atr_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2888.403+/-1.853 χ^2/NDF : 90210.1/1

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

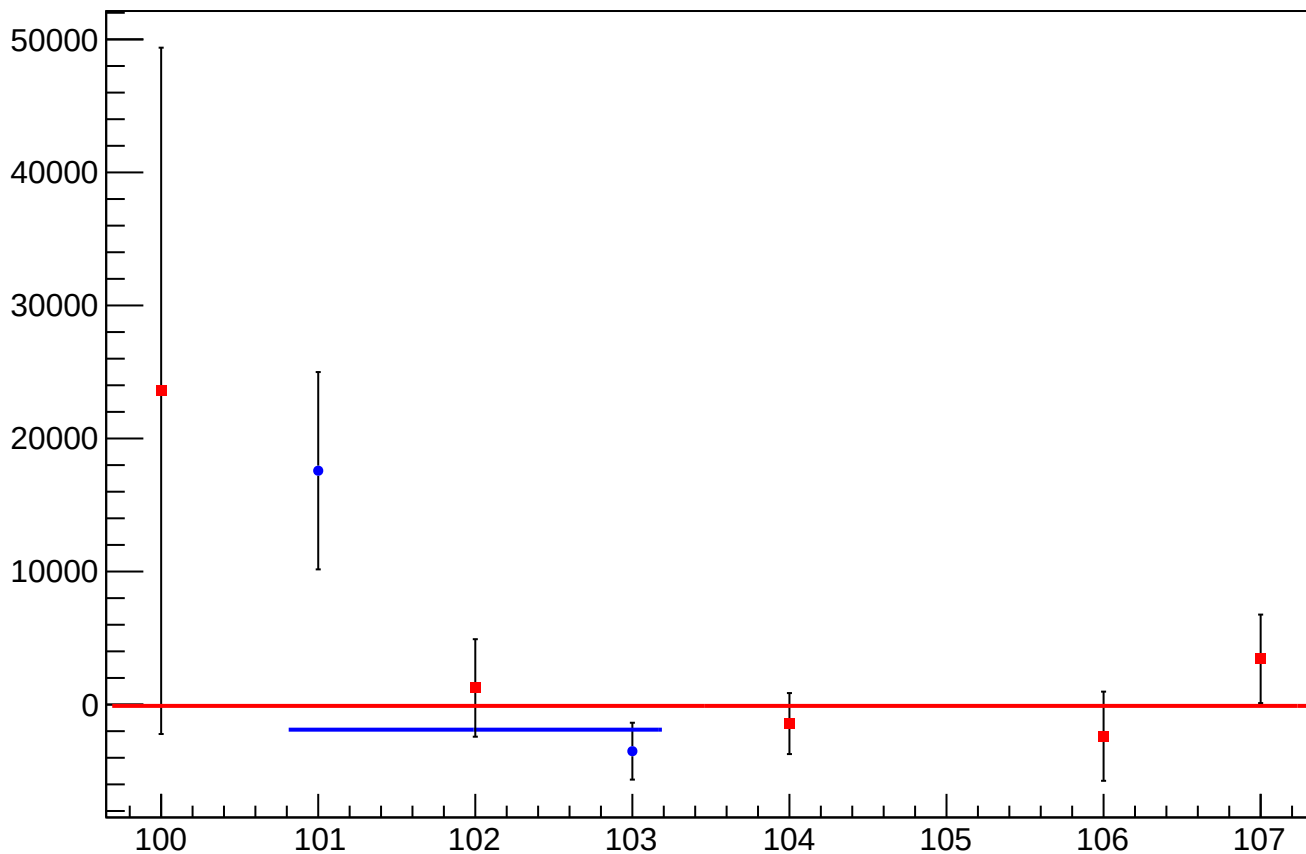
Right: 2775.231+/-1.155 χ^2/NDF : 154137.1/6

In: 2888.403+/-1.853 χ^2/NDF : 90210.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2775.231+/-1.155 χ^2/NDF : 154137.1/6

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1886.988+/-2053.963 χ^2/NDF : 7.5/1

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

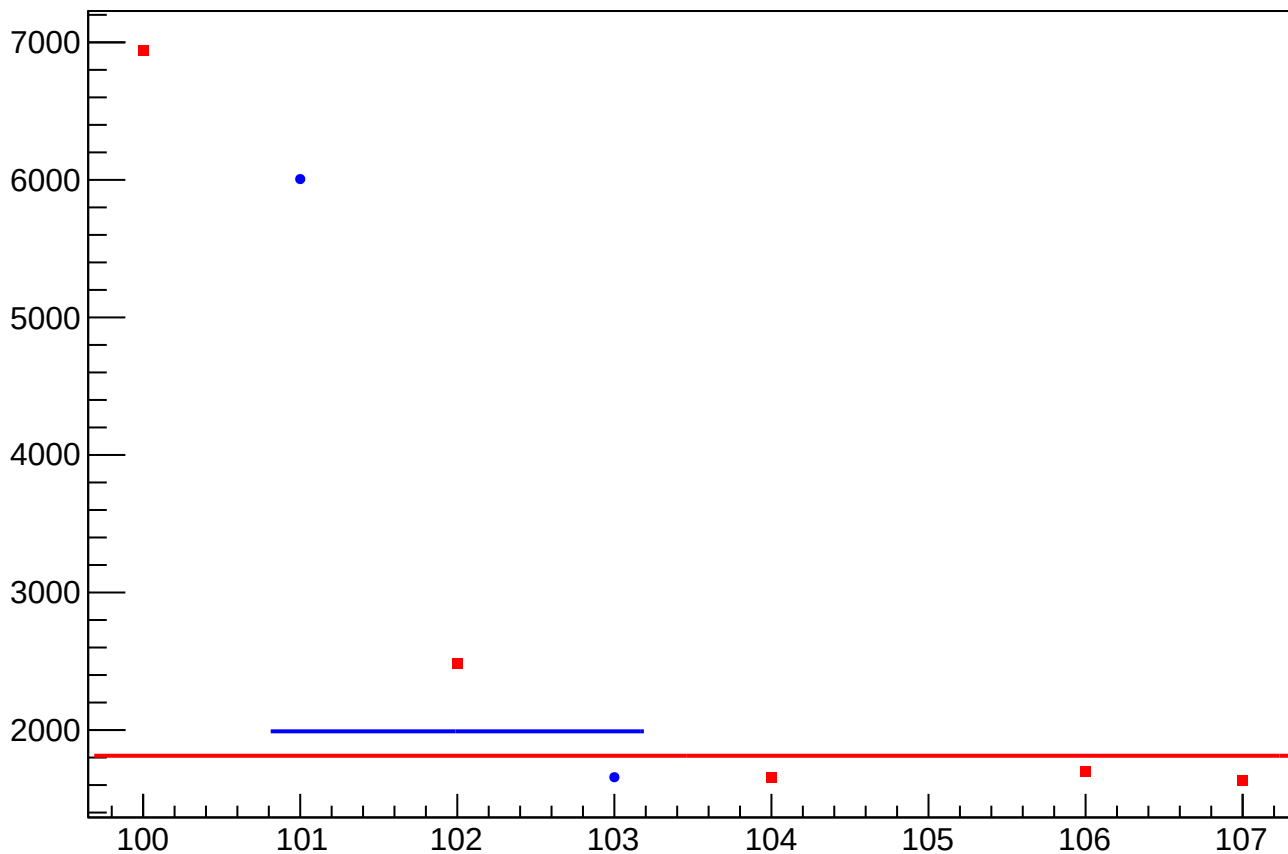
Right: -720.573+/-1210.362 χ^2/NDF : 10.9/6

In: -1886.988+/-2053.963 χ^2/NDF : 7.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -720.573+/-1210.362 χ^2/NDF : 10.9/6

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1990.630+/-1.452 χ^2/NDF : 635003.4/1

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

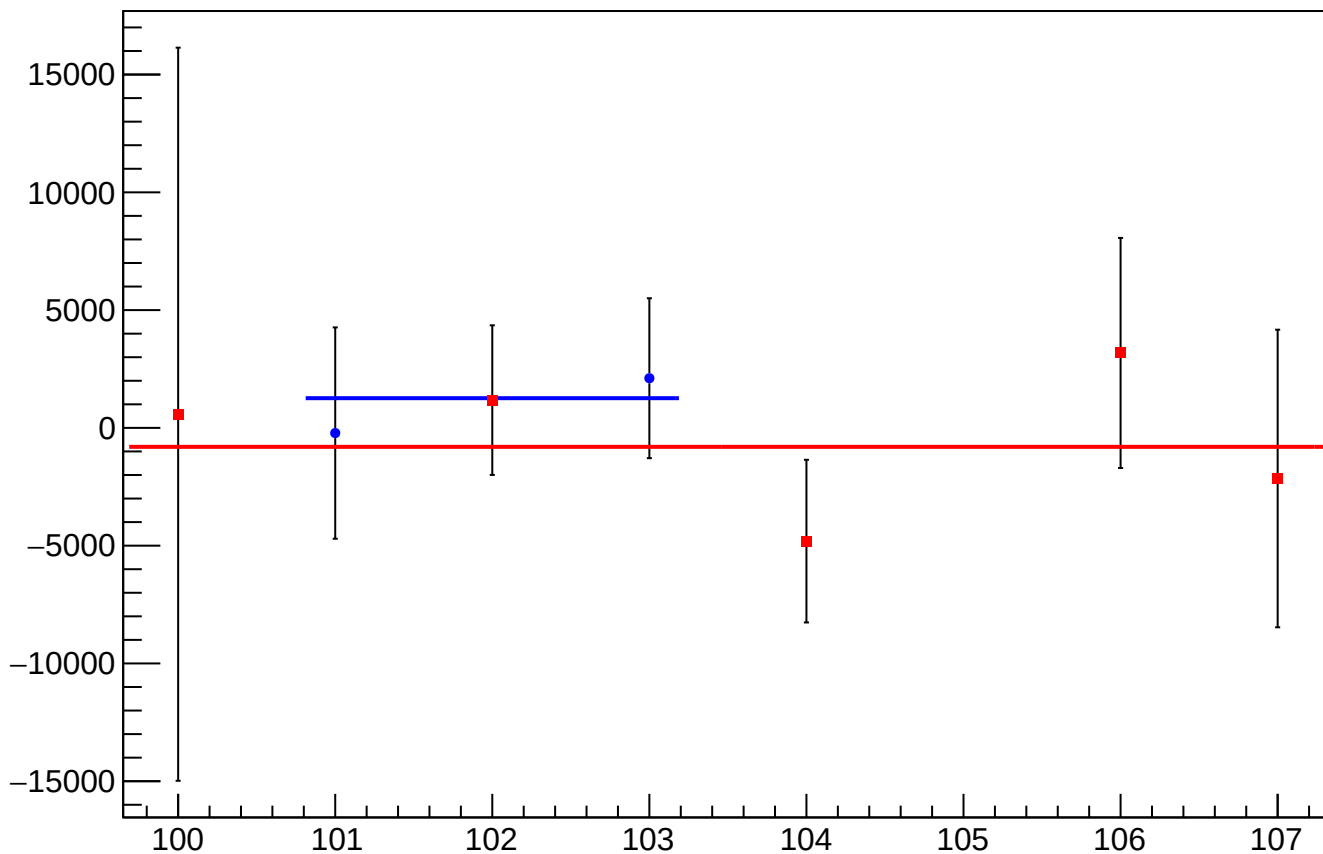
Right: 1874.316+/-0.853 χ^2/NDF : 808774.0/6

In: 1990.630+/-1.452 χ^2/NDF : 635003.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1874.316+/-0.853 χ^2/NDF : 808774.0/6

asym_atr_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1260.744+/-2706.817 χ^2/NDF : 0.2/1

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

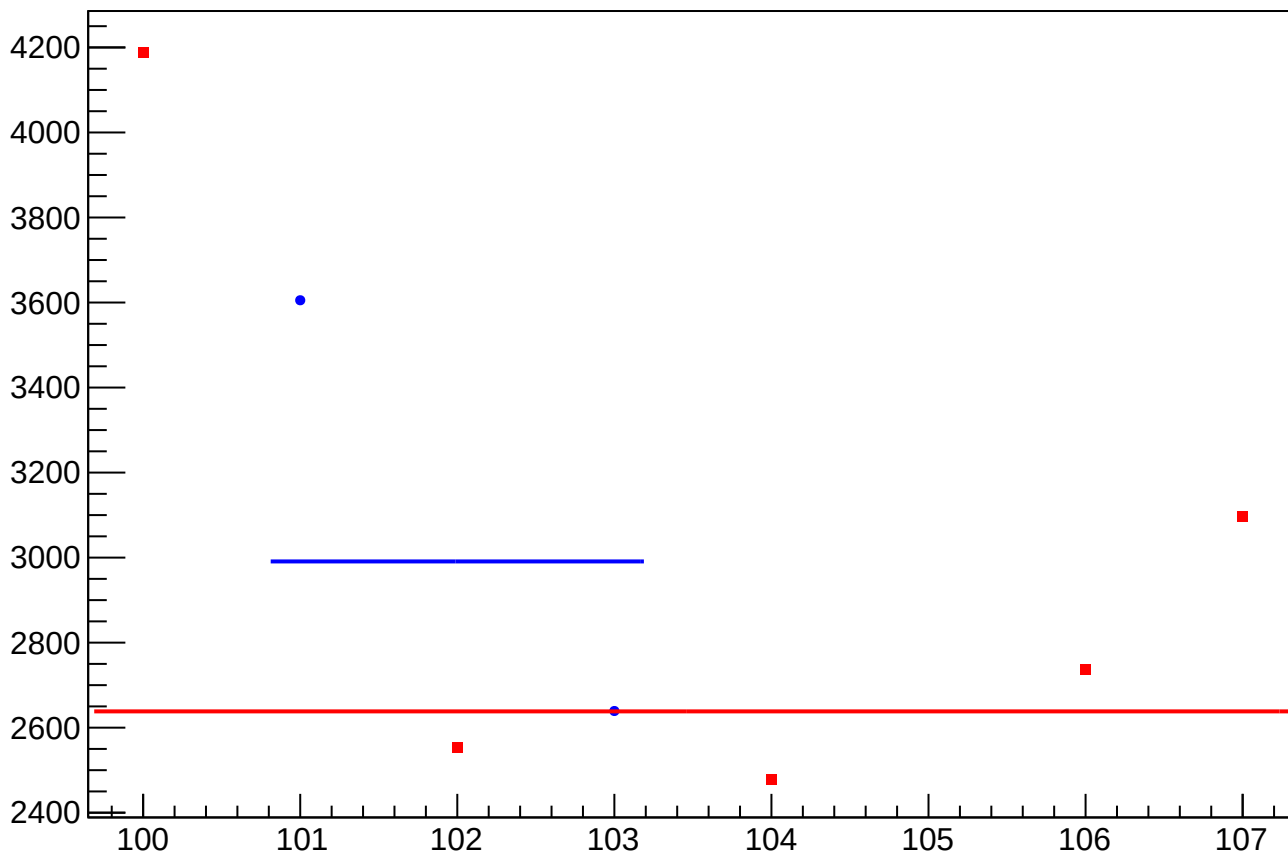
Right: -83.065+/-1599.983 χ^2/NDF : 3.0/6

In: 1260.744+/-2706.817 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -83.065+/-1599.983 χ^2/NDF : 3.0/6

asym_atr_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2991.003+/-1.914 χ^2/NDF : 58998.1/1

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

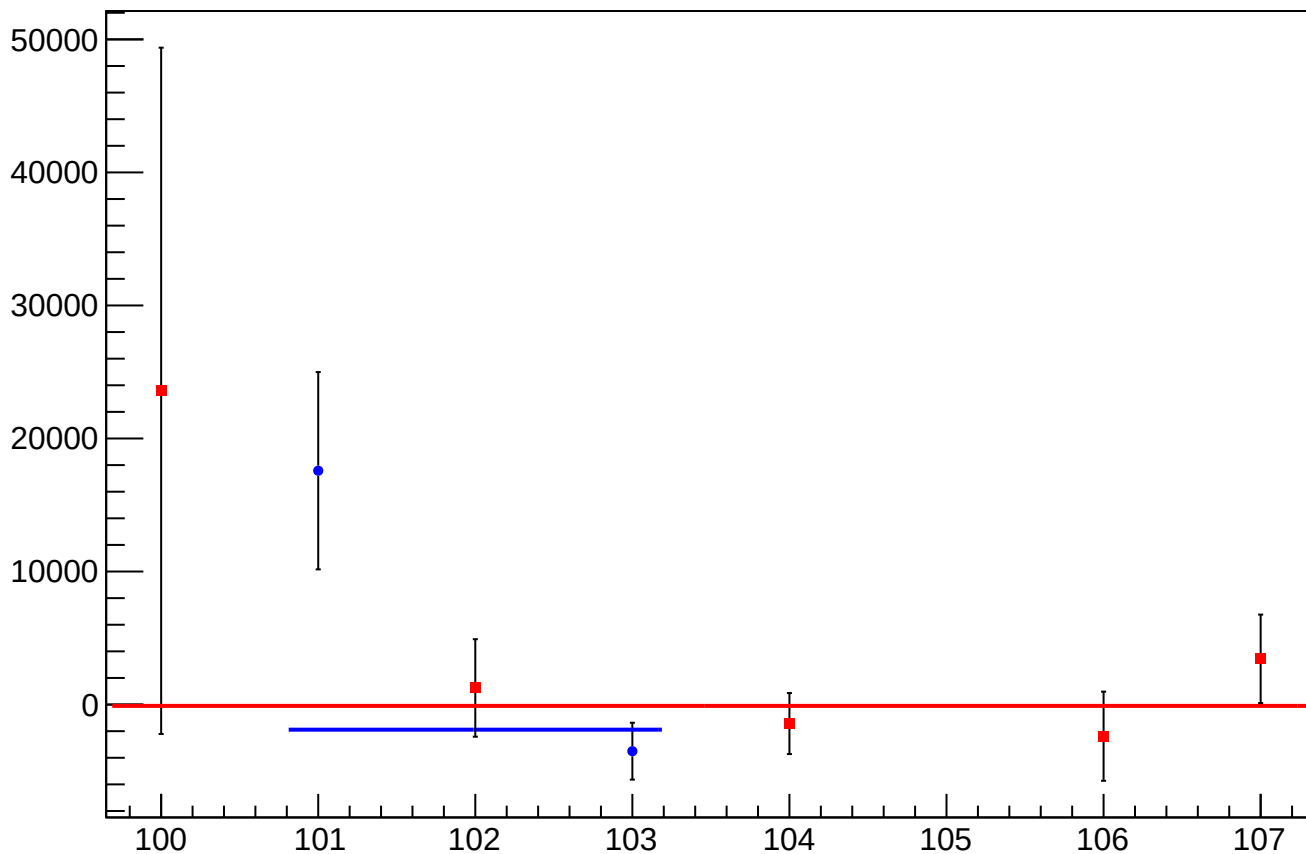
Right: 2761.529+/-1.131 χ^2/NDF : 118072.8/6

In: 2991.003+/-1.914 χ^2/NDF : 58998.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2761.529+/-1.131 χ^2/NDF : 118072.8/6

eigen_dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1886.984+/-2053.964 χ^2/NDF : 7.5/1

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

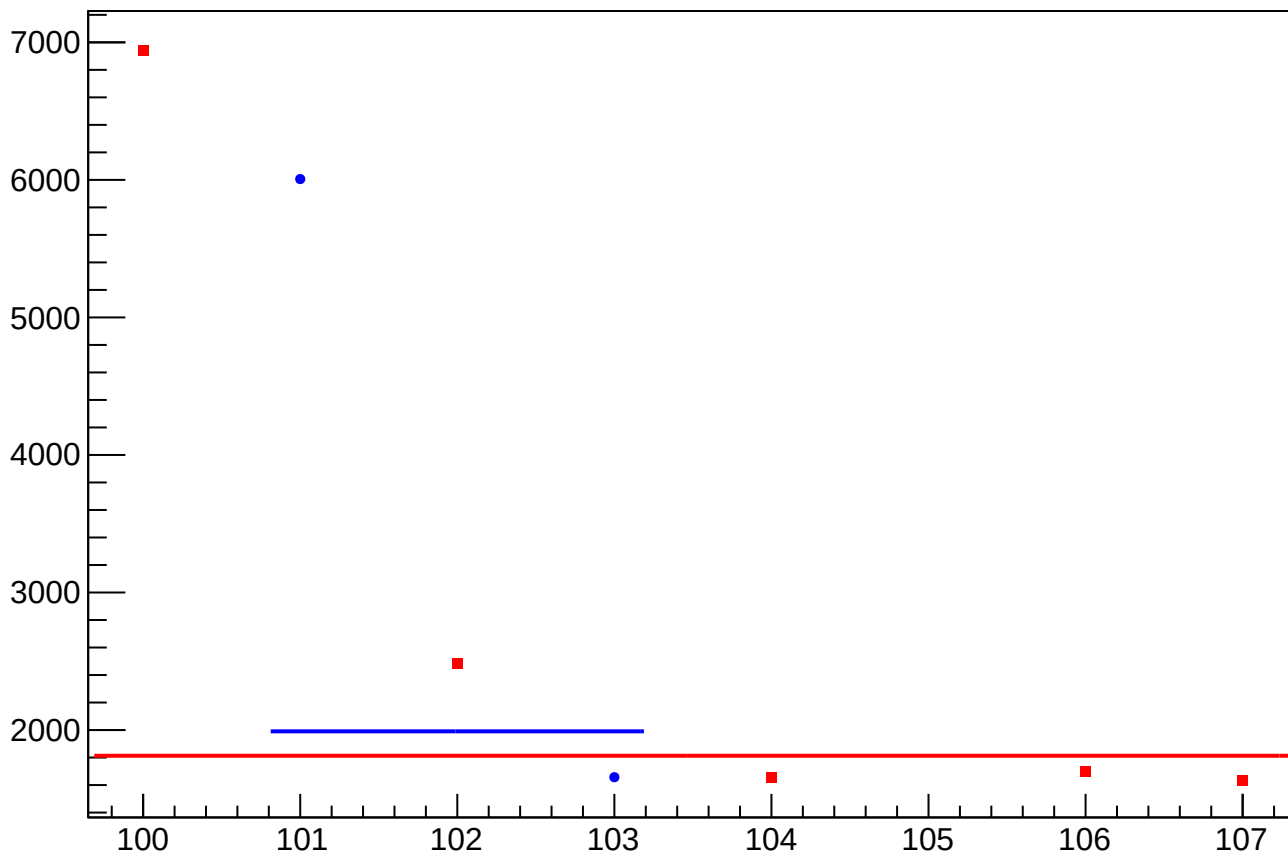
Right: -720.573+/-1210.362 χ^2/NDF : 10.9/6

In: -1886.984+/-2053.964 χ^2/NDF : 7.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -720.573+/-1210.362 χ^2/NDF : 10.9/6

eigen_dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1990.631+/-1.452 χ^2/NDF : 635003.2/1

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

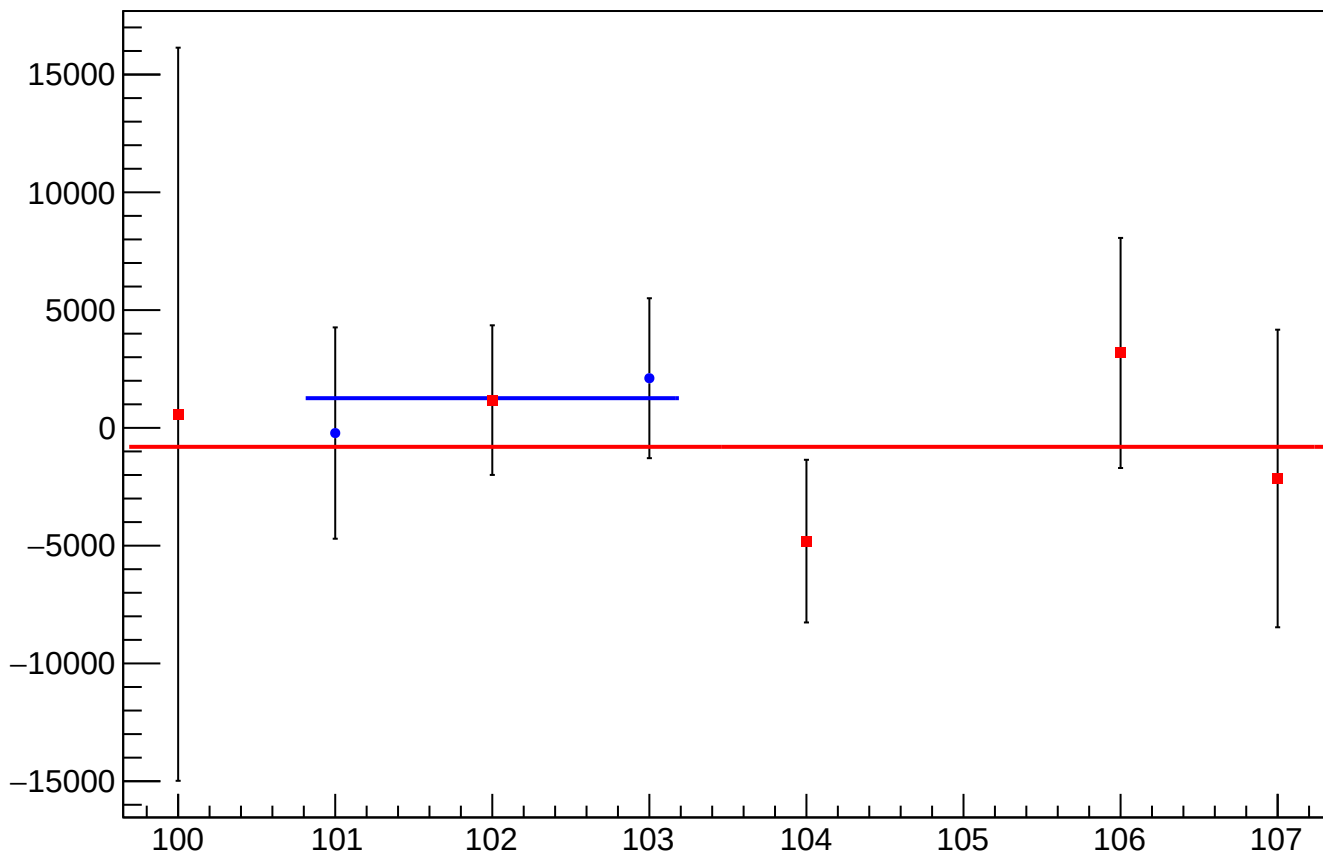
Right: 1874.317+/-0.853 χ^2/NDF : 808774.0/6

In: 1990.631+/-1.452 χ^2/NDF : 635003.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1874.317+/-0.853 χ^2/NDF : 808774.0/6

asym_atr_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1260.755+/-2706.816 χ^2/NDF : 0.2/1

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

Right Out: -804.726+/-1983.606 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

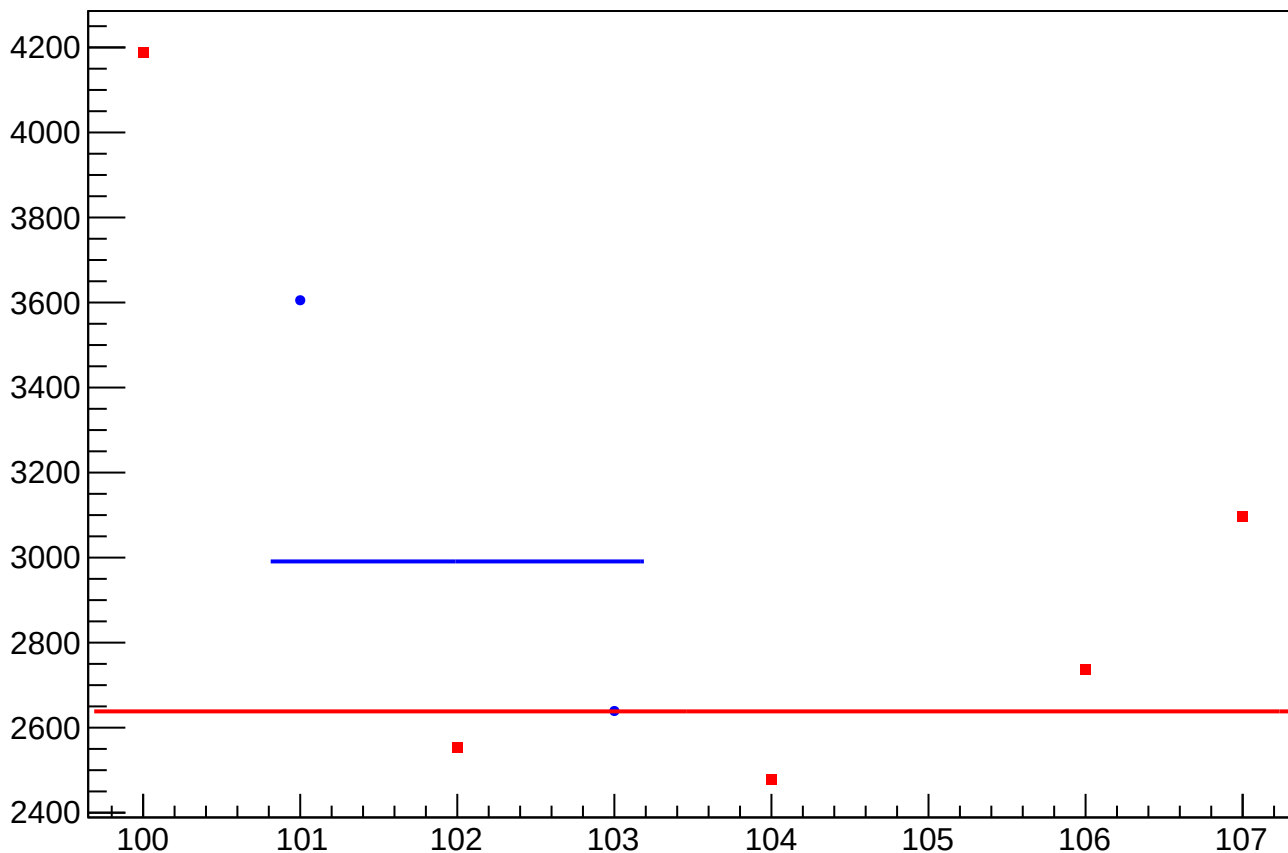
Right: -83.064+/-1599.982 χ^2/NDF : 3.0/6

In: 1260.755+/-2706.816 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -83.064+/-1599.982 χ^2/NDF : 3.0/6

asym_atr_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2991.002 $\pm$ 1.914 χ^2 /NDF: 58997.6/1

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

Right Out: 2638.294 $\pm$ 1.403 χ^2 /NDF: 36980.7/4

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

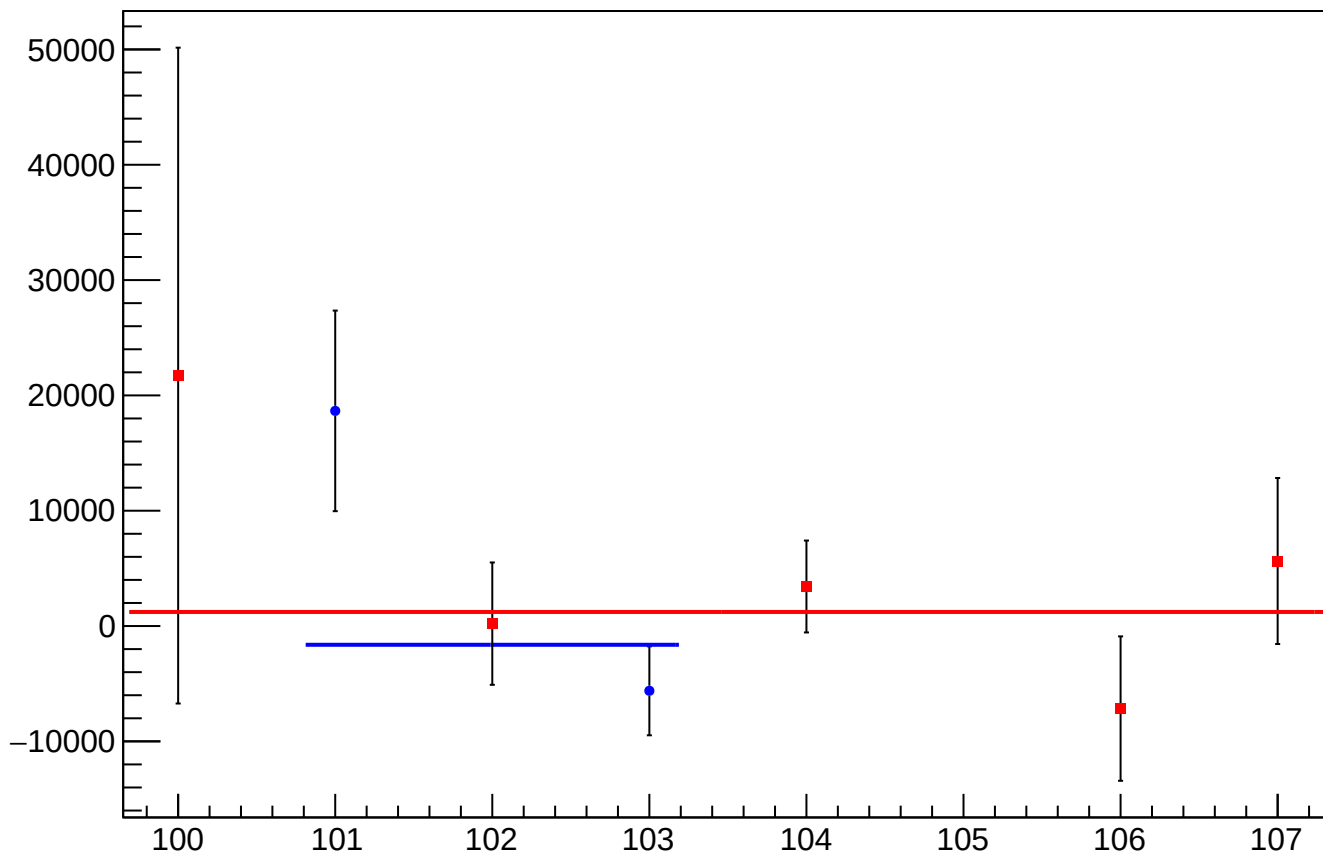
Right: 2761.527 $\pm$ 1.131 χ^2 /NDF: 118071.7/6

In: 2991.002 $\pm$ 1.914 χ^2 /NDF:58997.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2761.527 $\pm$ 1.131 χ^2 /NDF: 118071.7/6

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1625.520+/-3526.344 χ^2 /NDF: 6.5/1

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

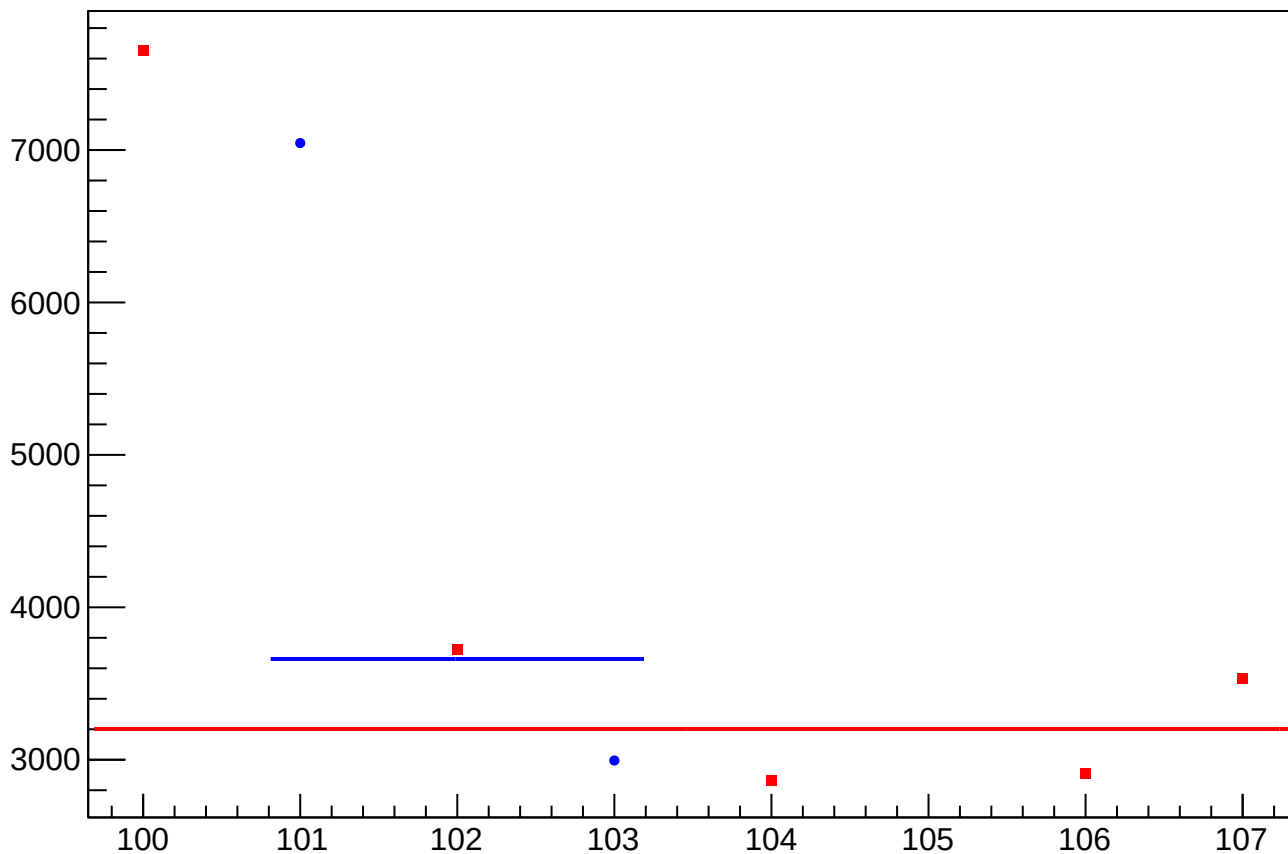
Right: 202.979+/-2108.275 χ^2 /NDF: 10.0/6

In: -1625.520+/-3526.344 χ^2 /NDF: 6.5/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 202.979+/-2108.275 χ^2 /NDF: 10.0/6

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 3661.141+/-2.494 χ^2/NDF : 362557.2/1

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

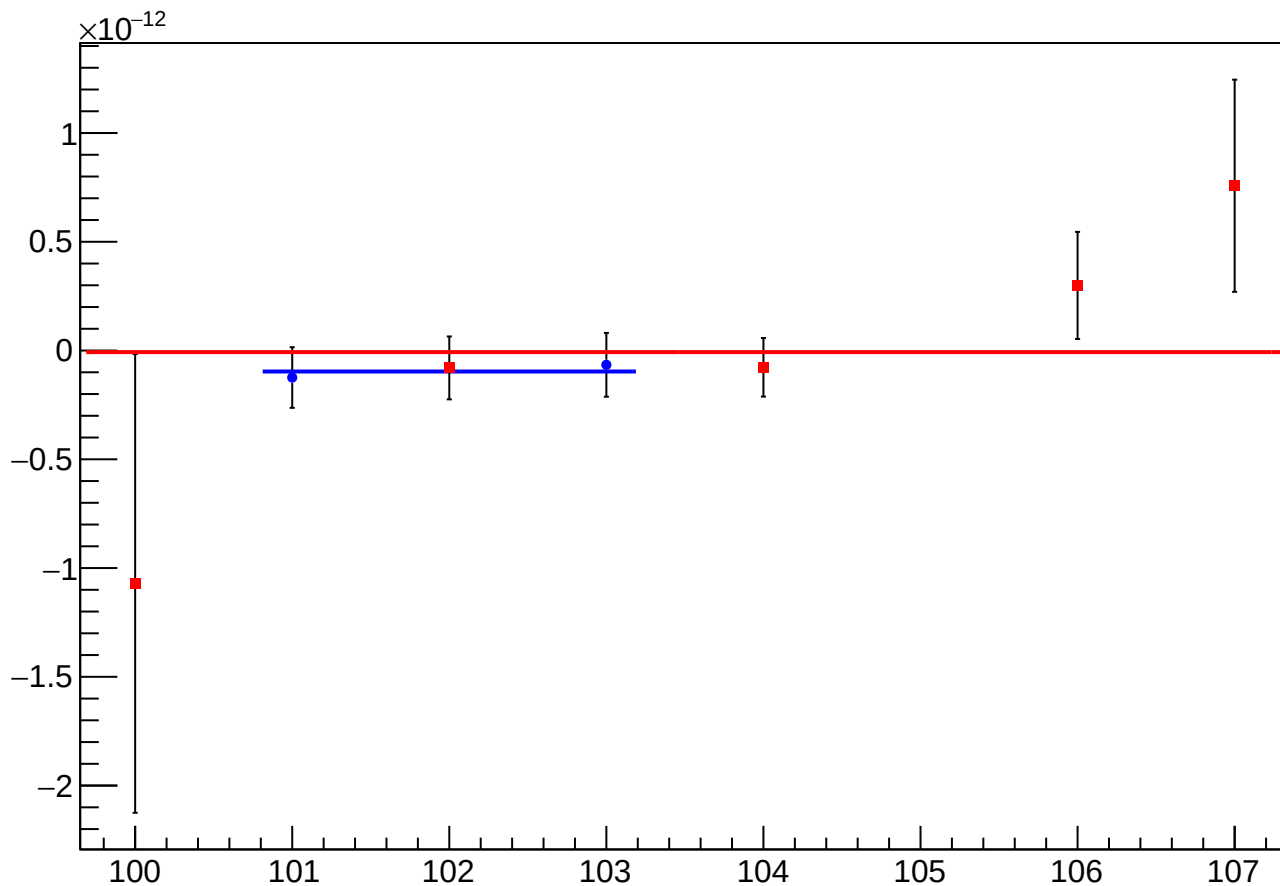
Right: 3361.386+/-1.470 χ^2/NDF : 477010.2/6

In: 3661.141+/-2.494 χ^2/NDF : 362557.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3361.386+/-1.470 χ^2/NDF : 477010.2/6

asym_atr_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.1/1

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

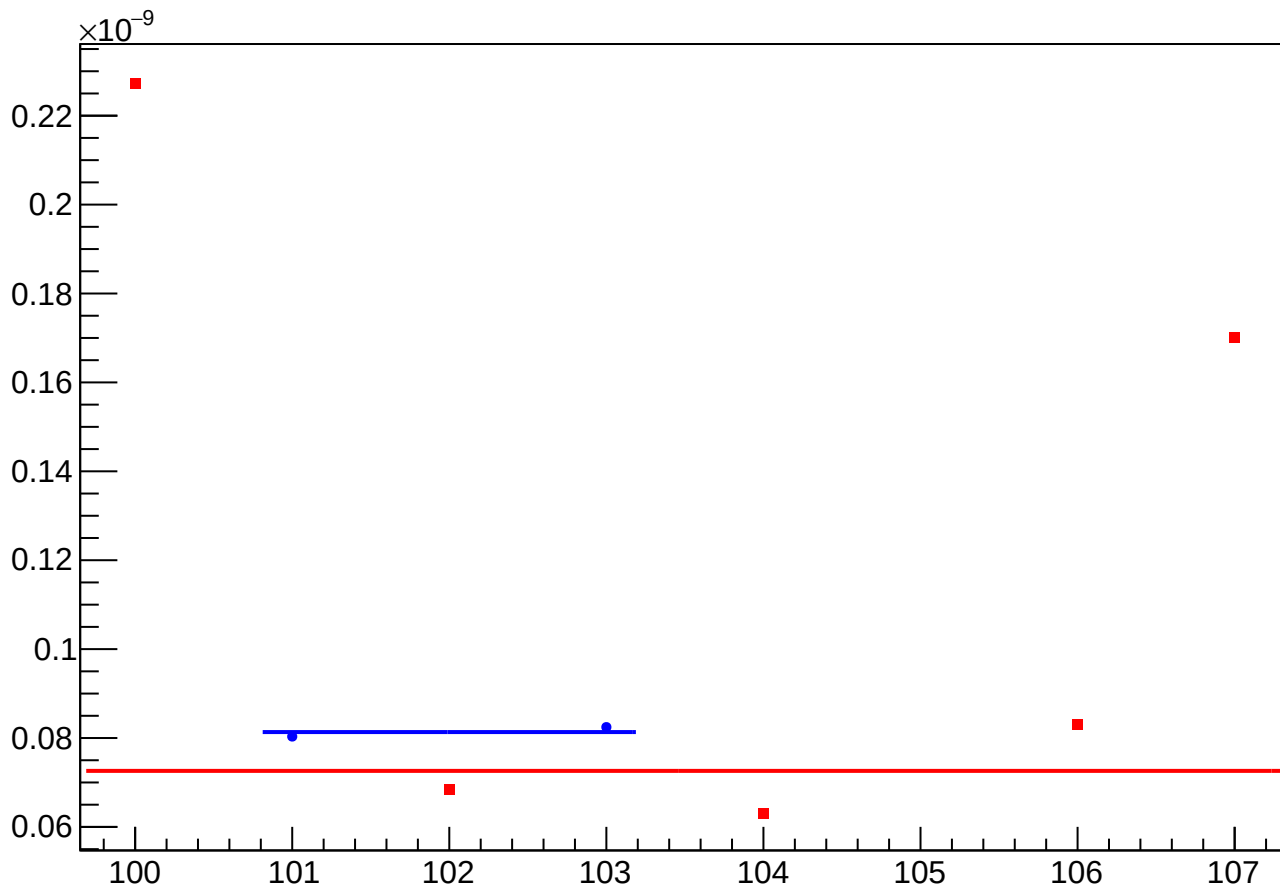
Right: -0.000+/-0.000 χ^2 /NDF: 6.1/6

In: -0.000+/-0.000 χ^2 /NDF:0.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 6.1/6

asym_atr_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 218.9/1

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

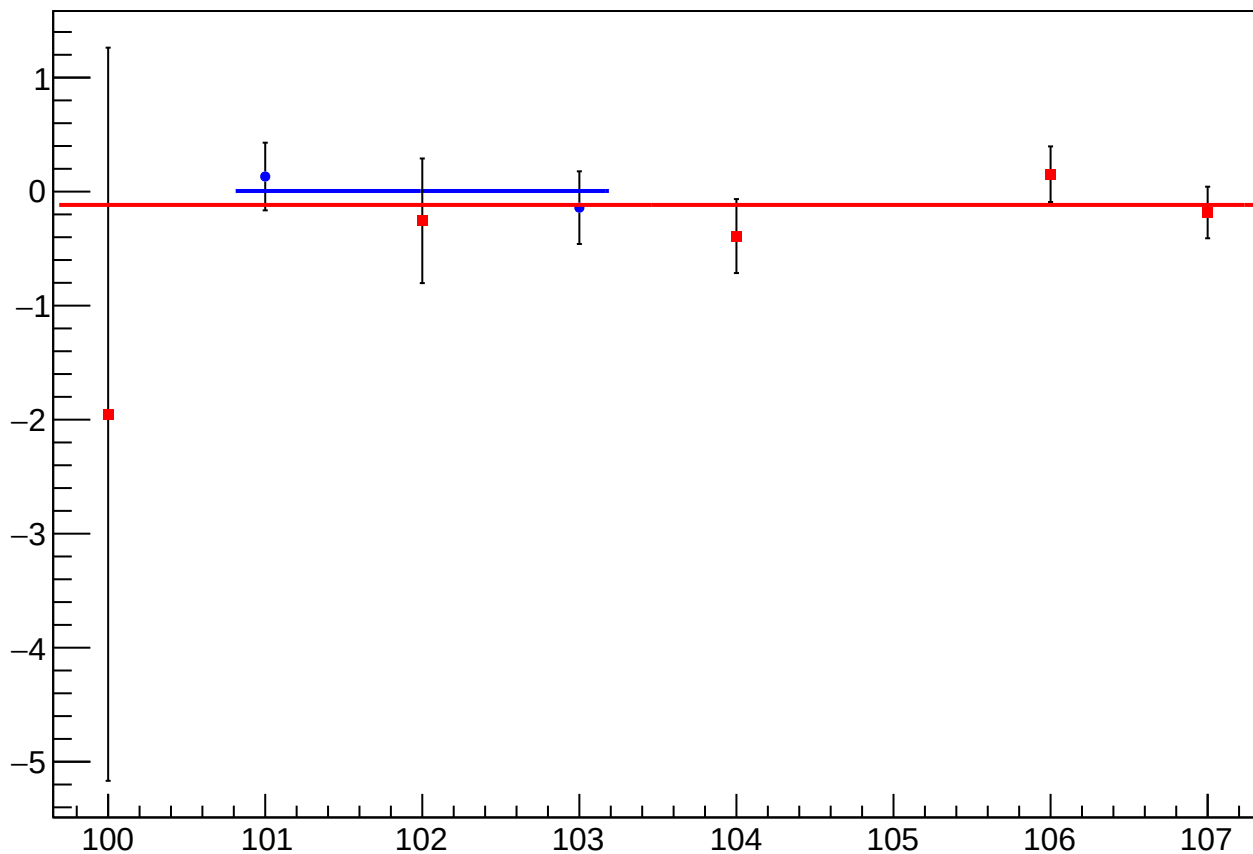
Right: 0.000+/-0.000 χ^2/NDF : 146968.1/6

In: 0.000+/-0.000 χ^2/NDF : 218.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 146968.1/6

asym_atr_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006+/-0.217 χ^2/NDF : 0.4/1

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

Right Out: -0.117+/-0.142 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

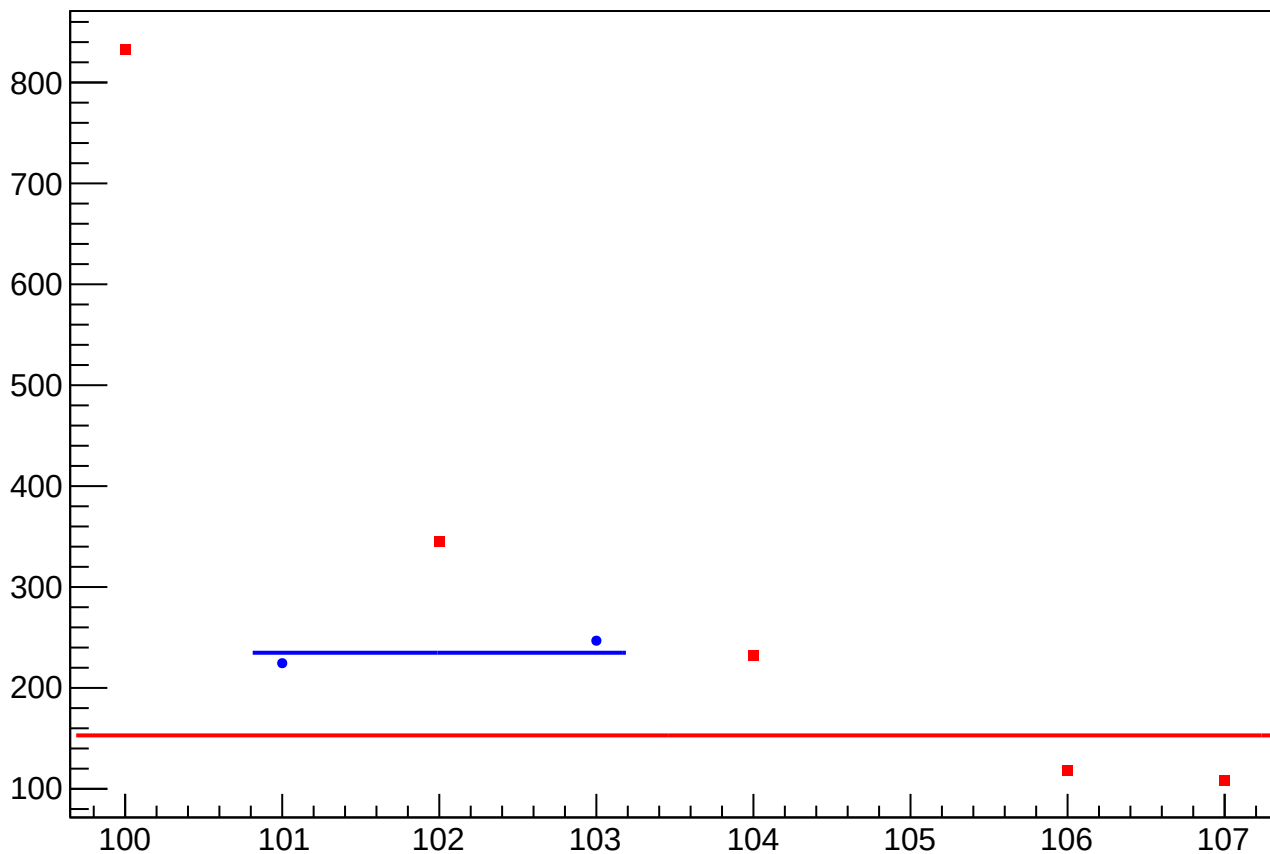
Right: -0.080+/-0.119 χ^2/NDF : 3.0/6

In: 0.006+/-0.217 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.080+/-0.119 χ^2/NDF : 3.0/6

asym_atr_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 234.879+/-0.154 χ^2/NDF : 5238.8/1

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

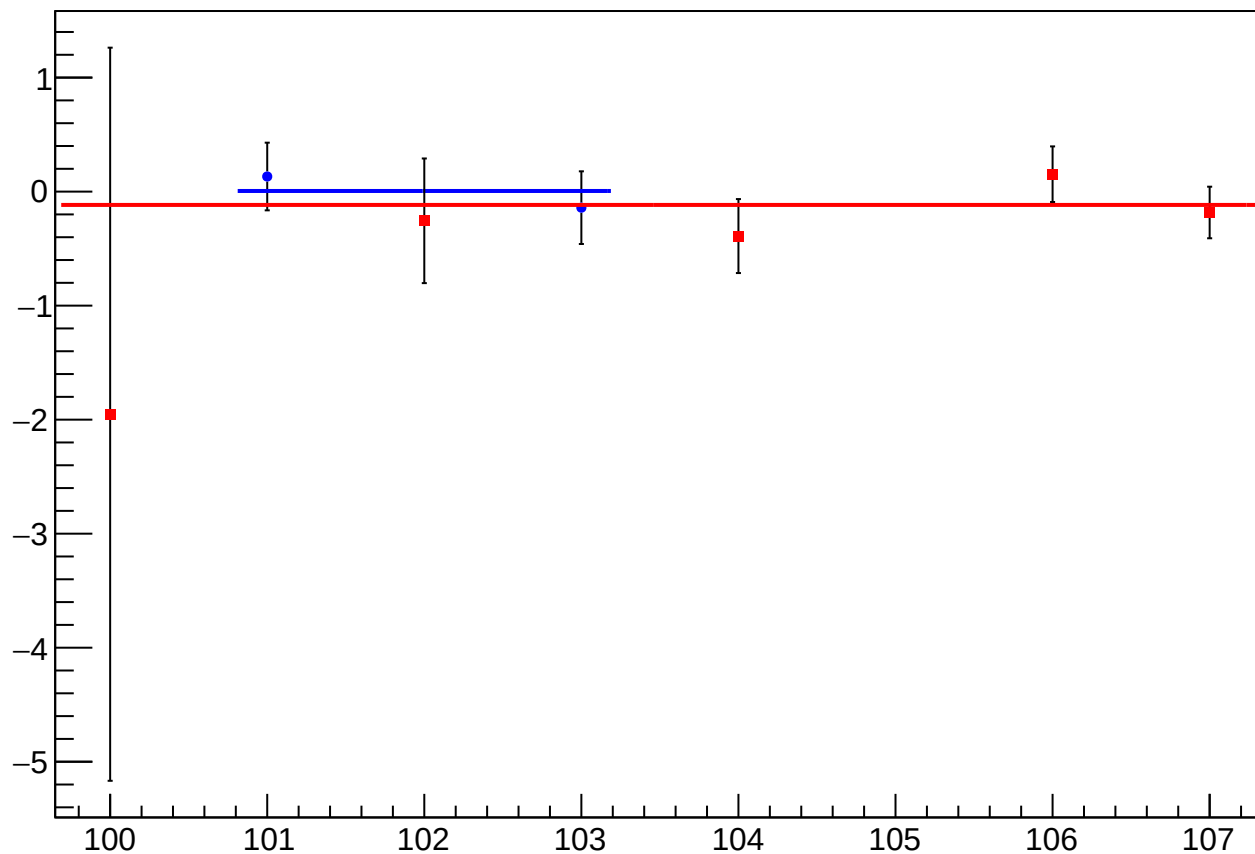
Right: 177.598+/-0.084 χ^2/NDF : 780201.0/6

In: 234.879+/-0.154 χ^2/NDF : 5238.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.598+/-0.084 χ^2/NDF : 780201.0/6

asym_atr_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006 $\pm$ 0.217 χ^2 /NDF: 0.4/1

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

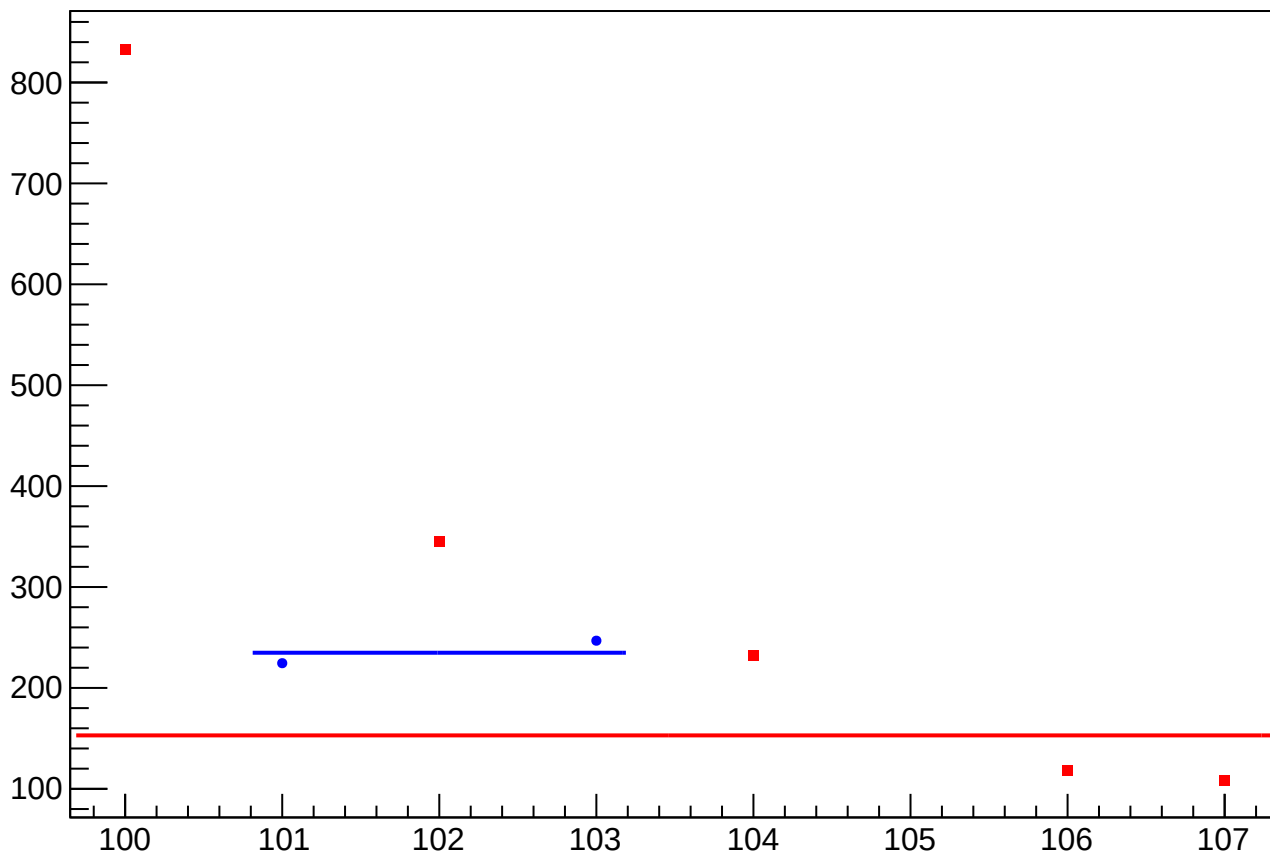
Right: -0.080 $\pm$ 0.119 χ^2 /NDF: 3.0/6

In: 0.006 $\pm$ 0.217 χ^2 /NDF:0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.080 $\pm$ 0.119 χ^2 /NDF: 3.0/6

asym_atr_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 234.879 +/- 0.154 χ^2/NDF : 5238.8/1

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

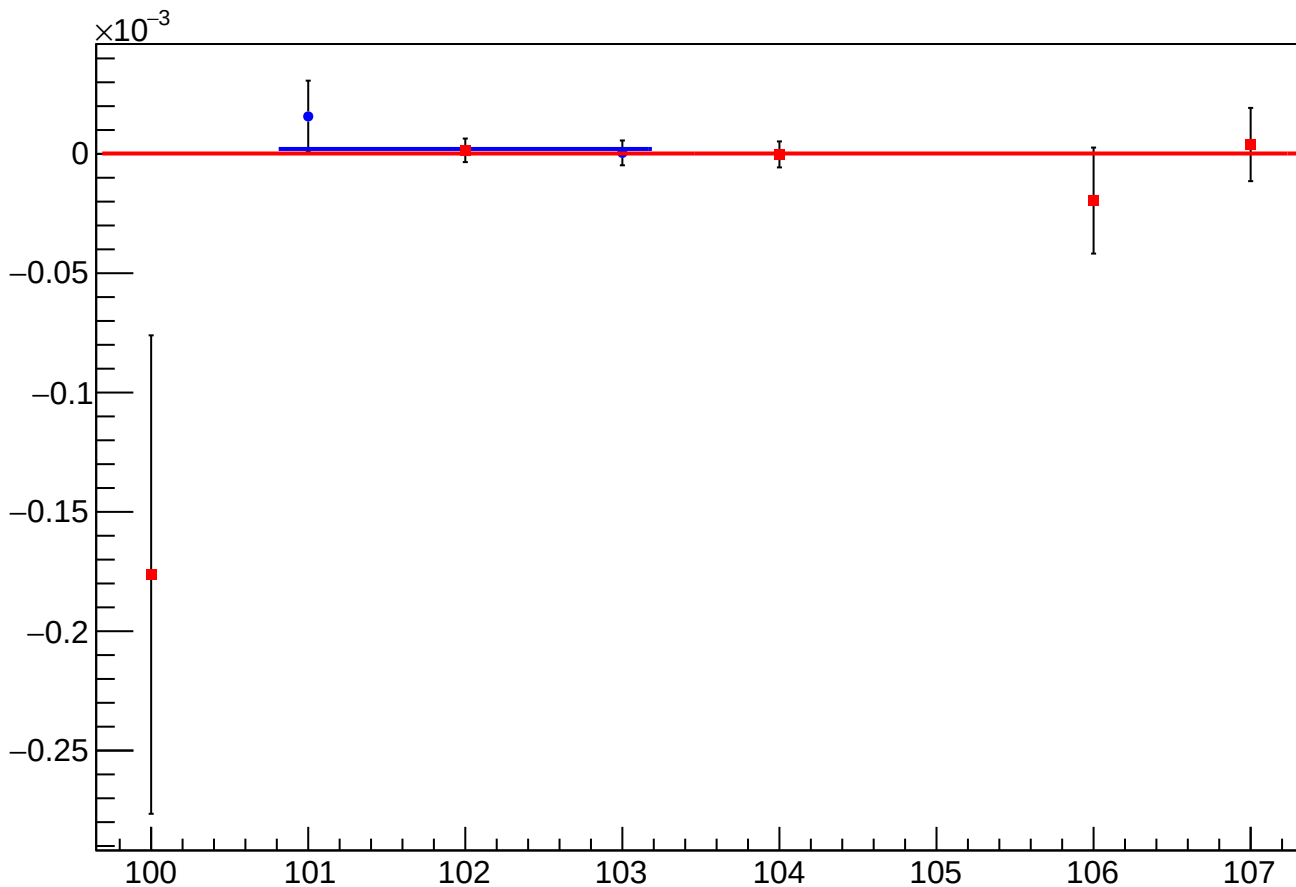
Right: 177.598 +/- 0.084 χ^2/NDF : 780201.0/6

In: 234.879 +/- 0.154 χ^2/NDF : 5238.8/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 177.598 +/- 0.084 χ^2/NDF : 780201.0/6

asym_atr_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.9/1

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

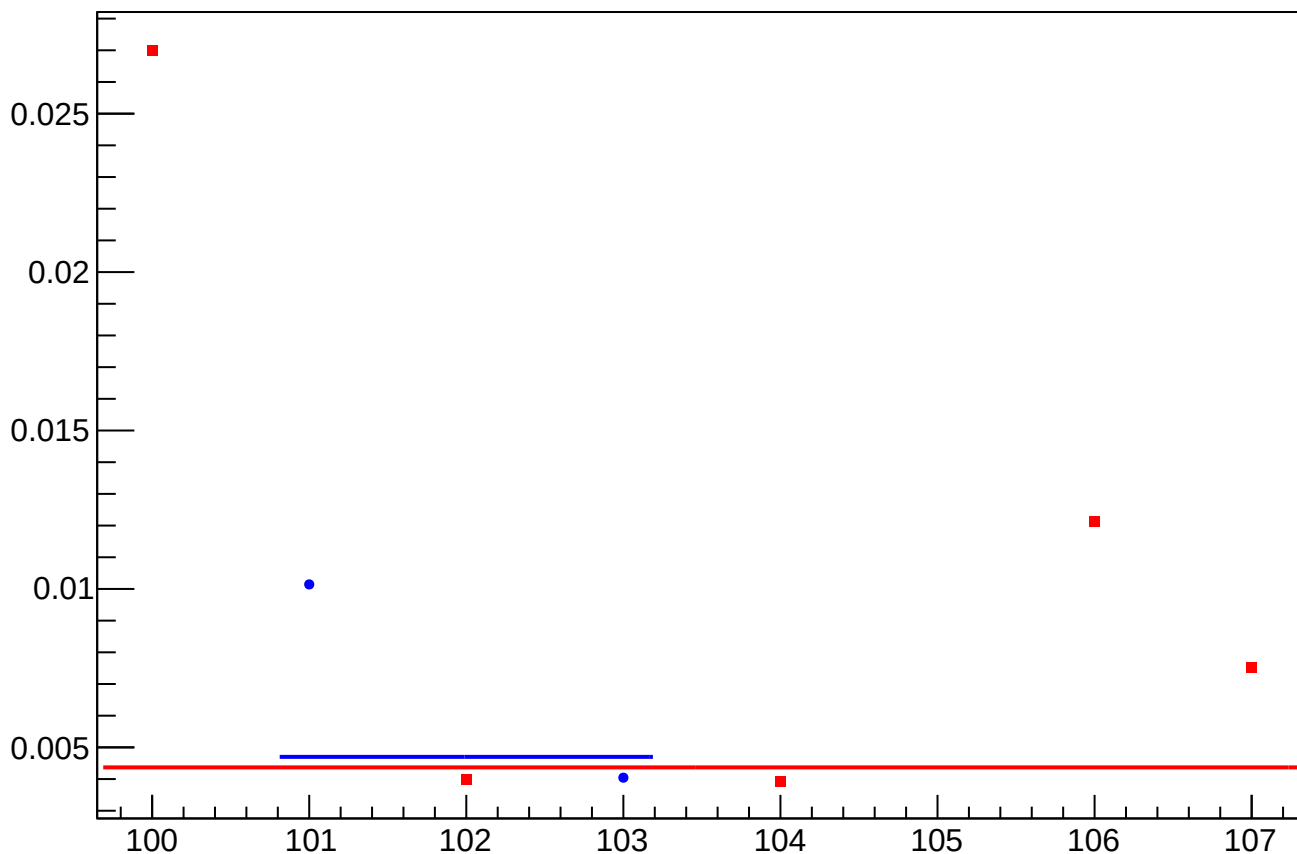
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.1/6

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.9/1

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.1/6

asym_atr_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 296147.9/1

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

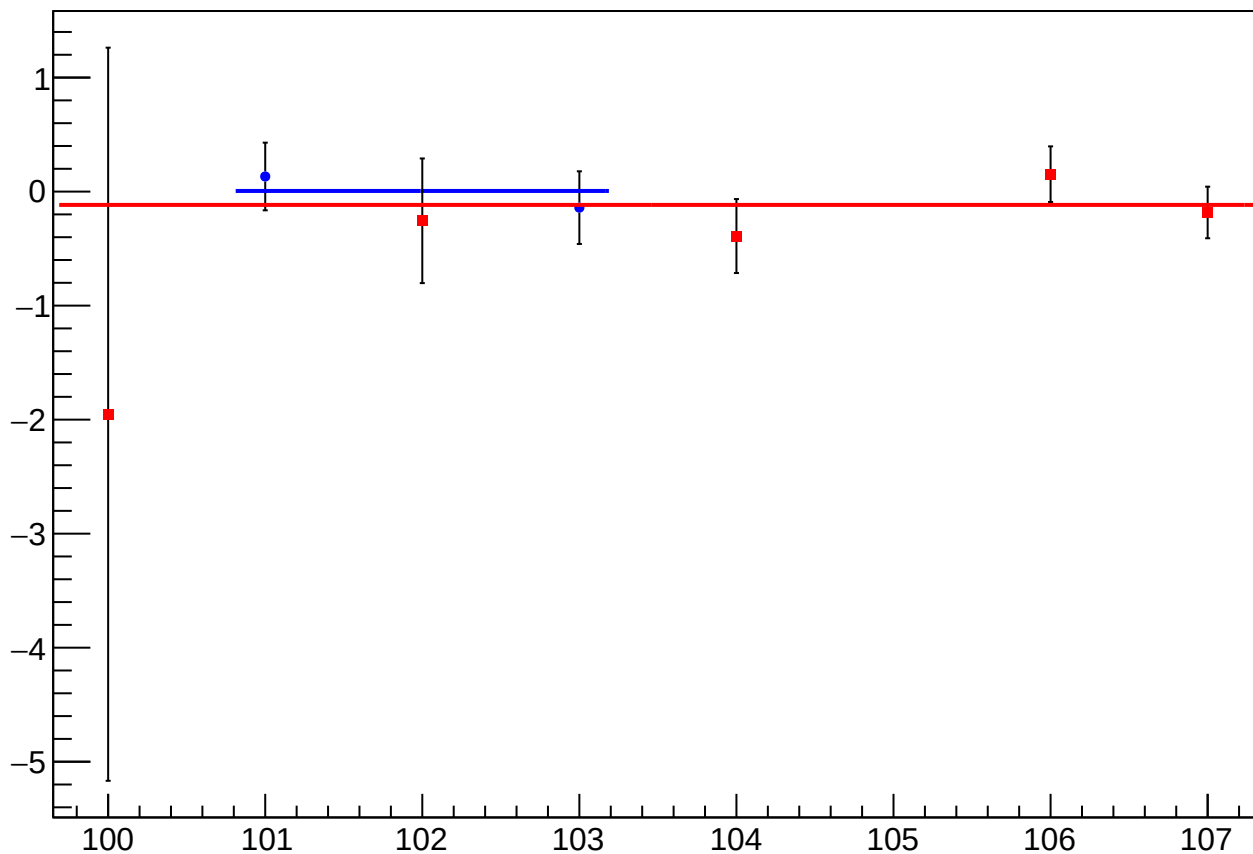
Right: 0.004+/-0.000 χ^2/NDF : 757990.7/6

In: 0.005+/-0.000 χ^2/NDF : 296147.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 757990.7/6

asym_atr_dd_eigen_dit_vs_Slug, Sign Corrected



Right In: 0.006 $\pm$ 0.217 χ^2 /NDF: 0.4/1

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

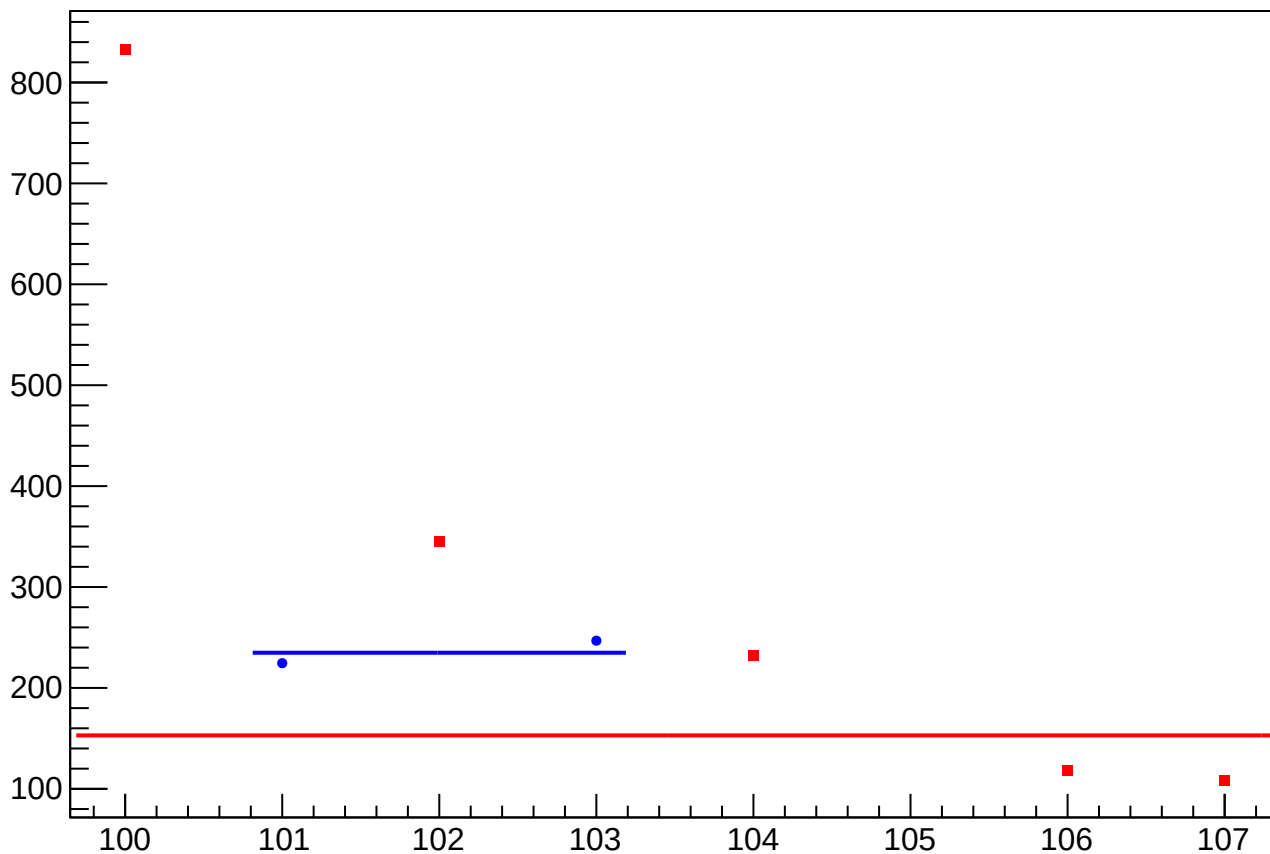
Right: -0.080 $\pm$ 0.119 χ^2 /NDF: 3.0/6

In: 0.006 $\pm$ 0.217 χ^2 /NDF:0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.080 $\pm$ 0.119 χ^2 /NDF: 3.0/6

asym_atr_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 234.878 +/- 0.154 χ^2/NDF : 5241.3/1

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

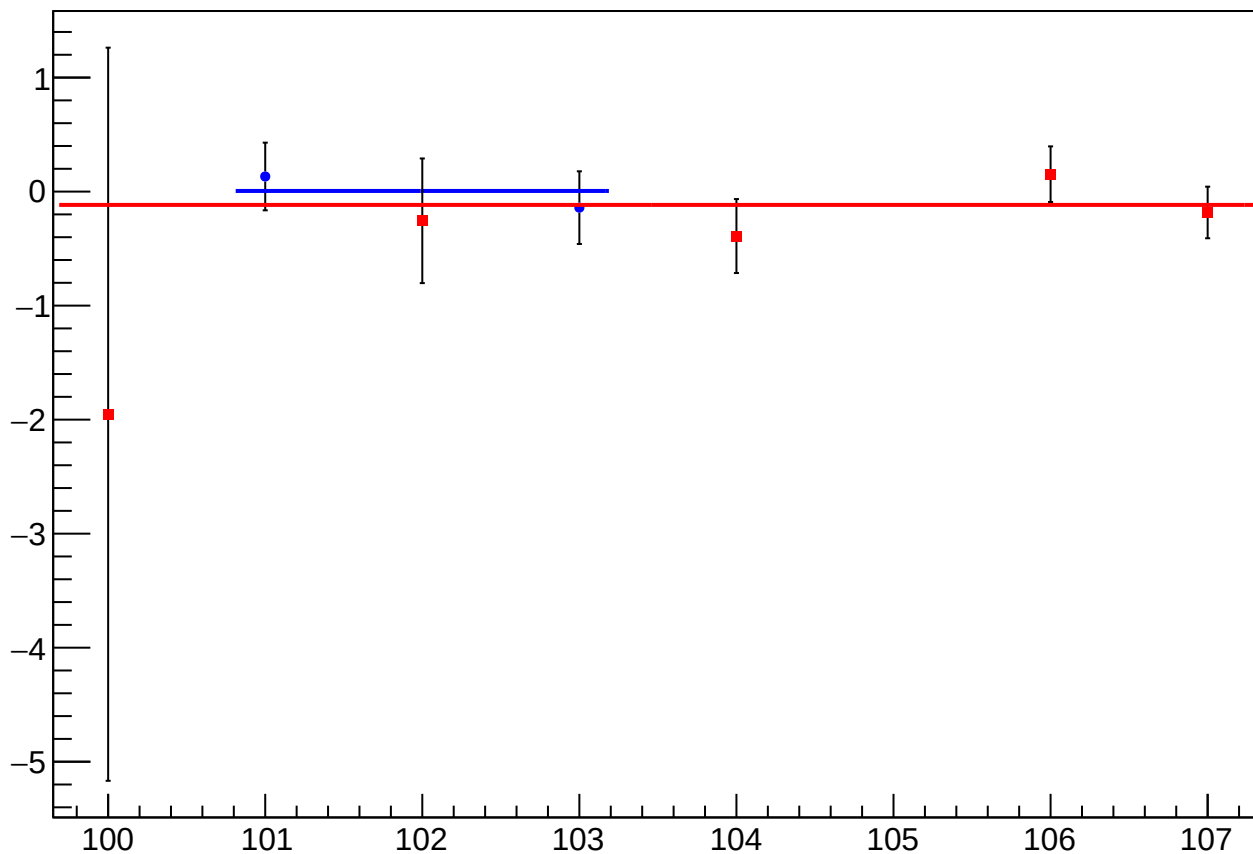
Right: 177.598 +/- 0.084 χ^2/NDF : 780203.2/6

In: 234.878 +/- 0.154 χ^2/NDF : 5241.3/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 177.598 +/- 0.084 χ^2/NDF : 780203.2/6

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006 $\pm$ 0.217 χ^2 /NDF: 0.4/1

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

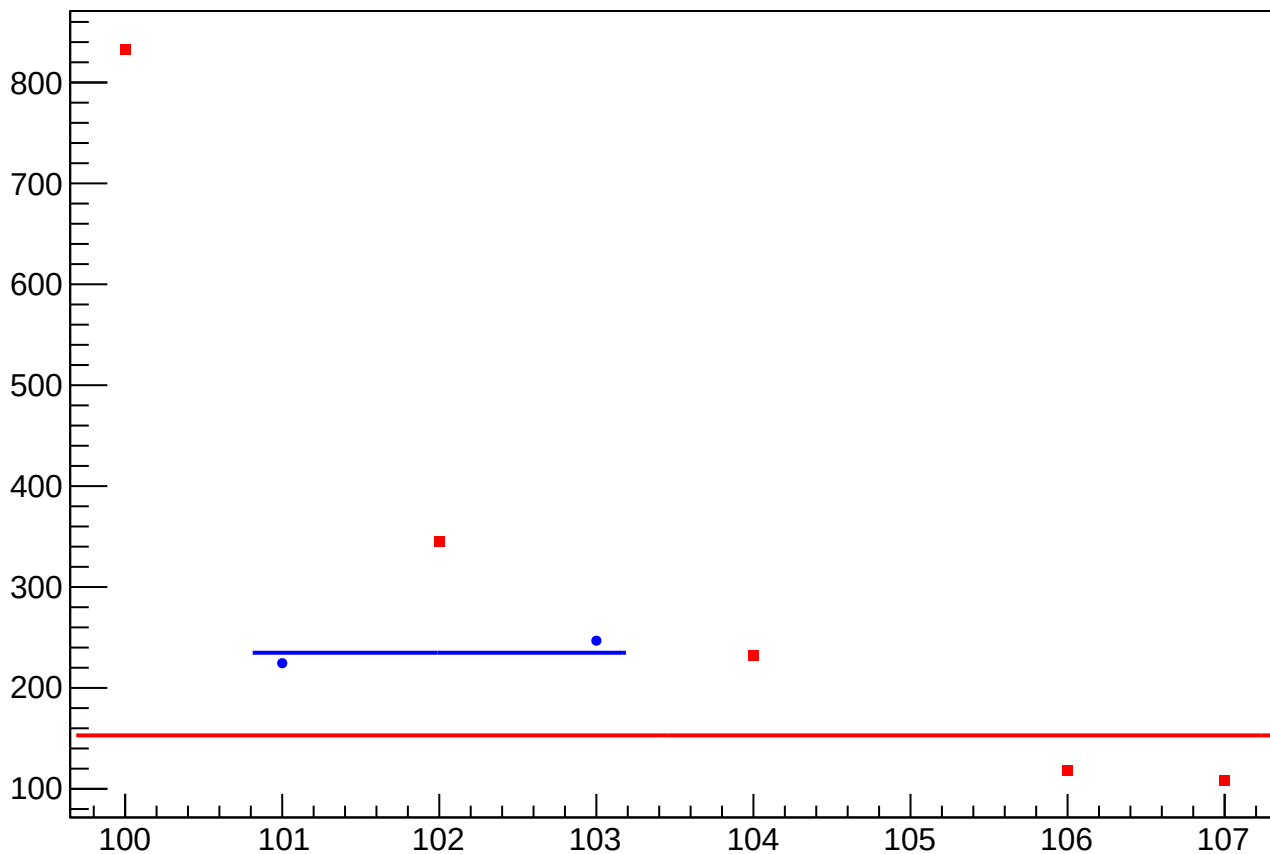
Right: -0.080 $\pm$ 0.119 χ^2 /NDF: 3.0/6

In: 0.006 $\pm$ 0.217 χ^2 /NDF:0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.080 $\pm$ 0.119 χ^2 /NDF: 3.0/6

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 234.878 ± 0.154 $\chi^2/\text{NDF}: 5241.3/1$

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

Right Out: 152.968 ± 0.101 $\chi^2/\text{NDF}: 575980.2/4$

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

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

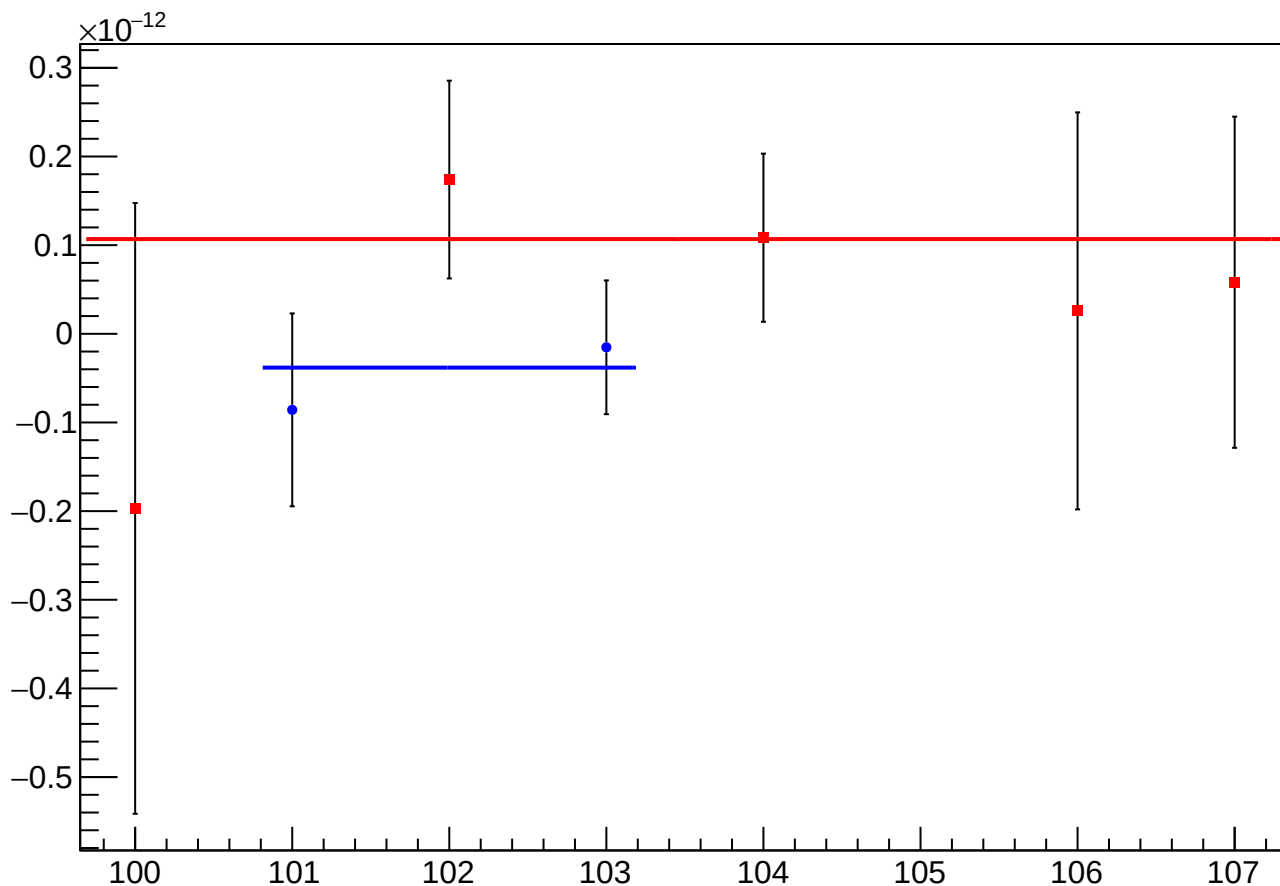
Right: 177.598 ± 0.084 $\chi^2/\text{NDF}: 780203.2/6$

In: 234.878 ± 0.154 $\chi^2/\text{NDF}: 5241.3/1$

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

All: 177.598 ± 0.084 $\chi^2/\text{NDF}: 780203.2/6$

asym_atr_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.3/1

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

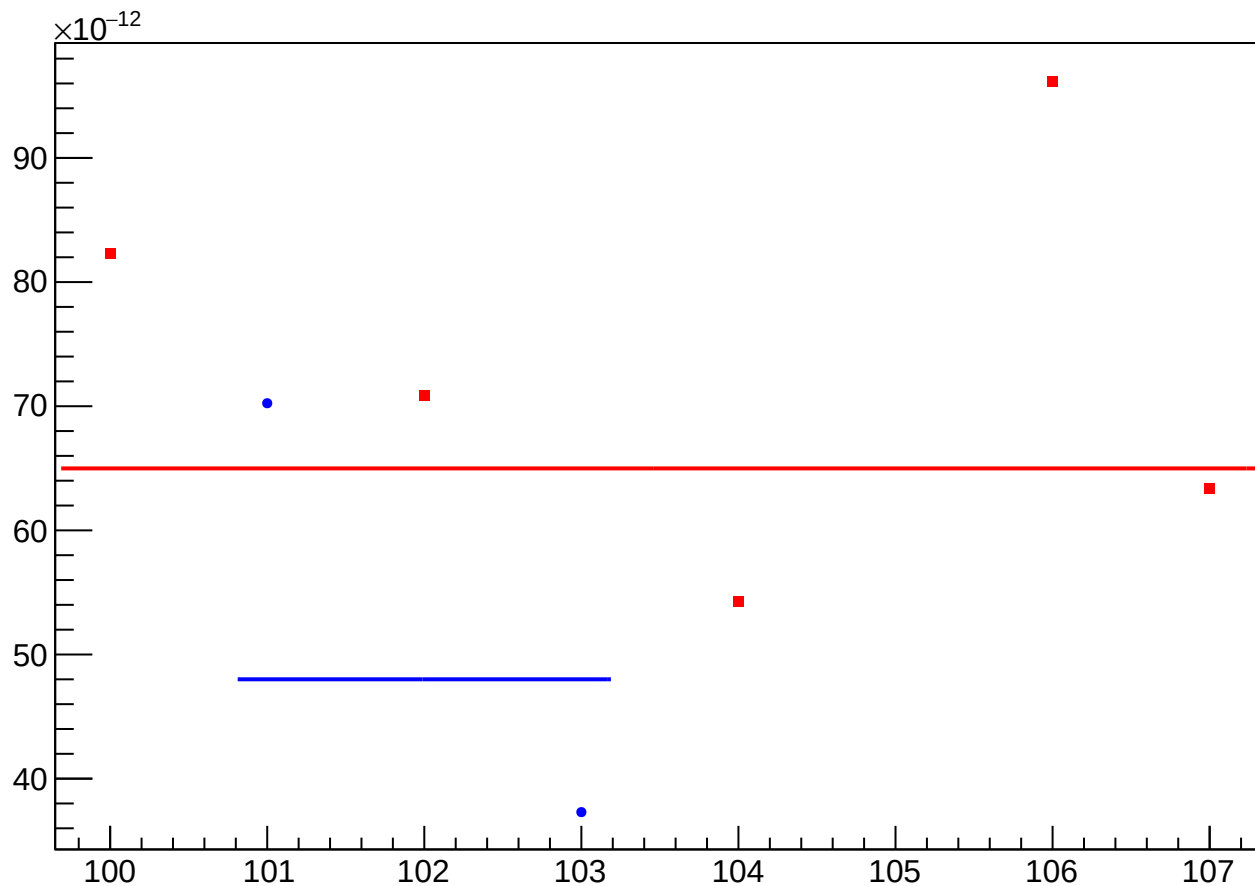
Right: 0.000+/-0.000 χ^2/NDF : 4.3/6

In: -0.000+/-0.000 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.3/6

asym_atr_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 123780.7/1

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

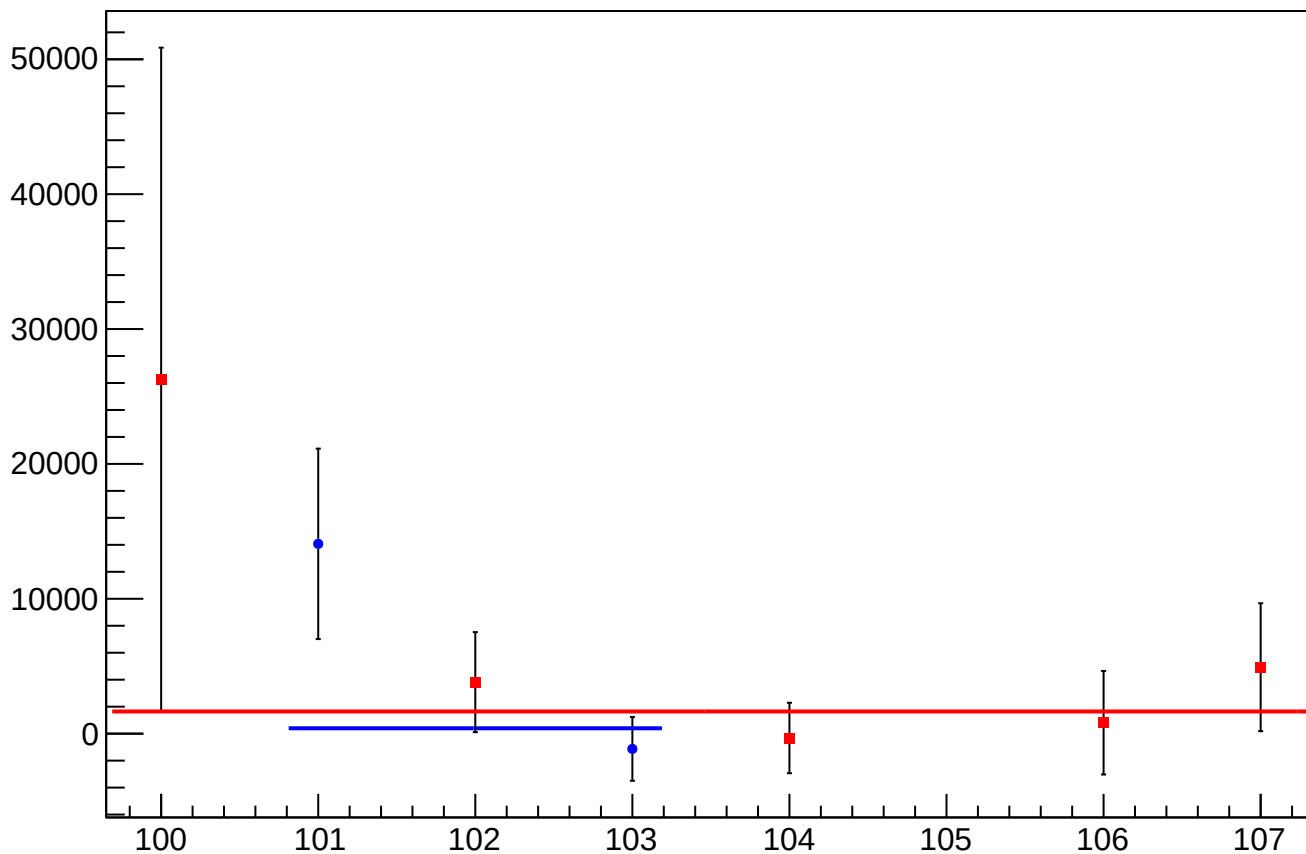
Right: 0.000+/-0.000 χ^2/NDF : 272151.2/6

In: 0.000+/-0.000 χ^2/NDF : 123780.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 272151.2/6

reg_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 398.468+/-2240.600 χ^2/NDF : 4.2/1

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

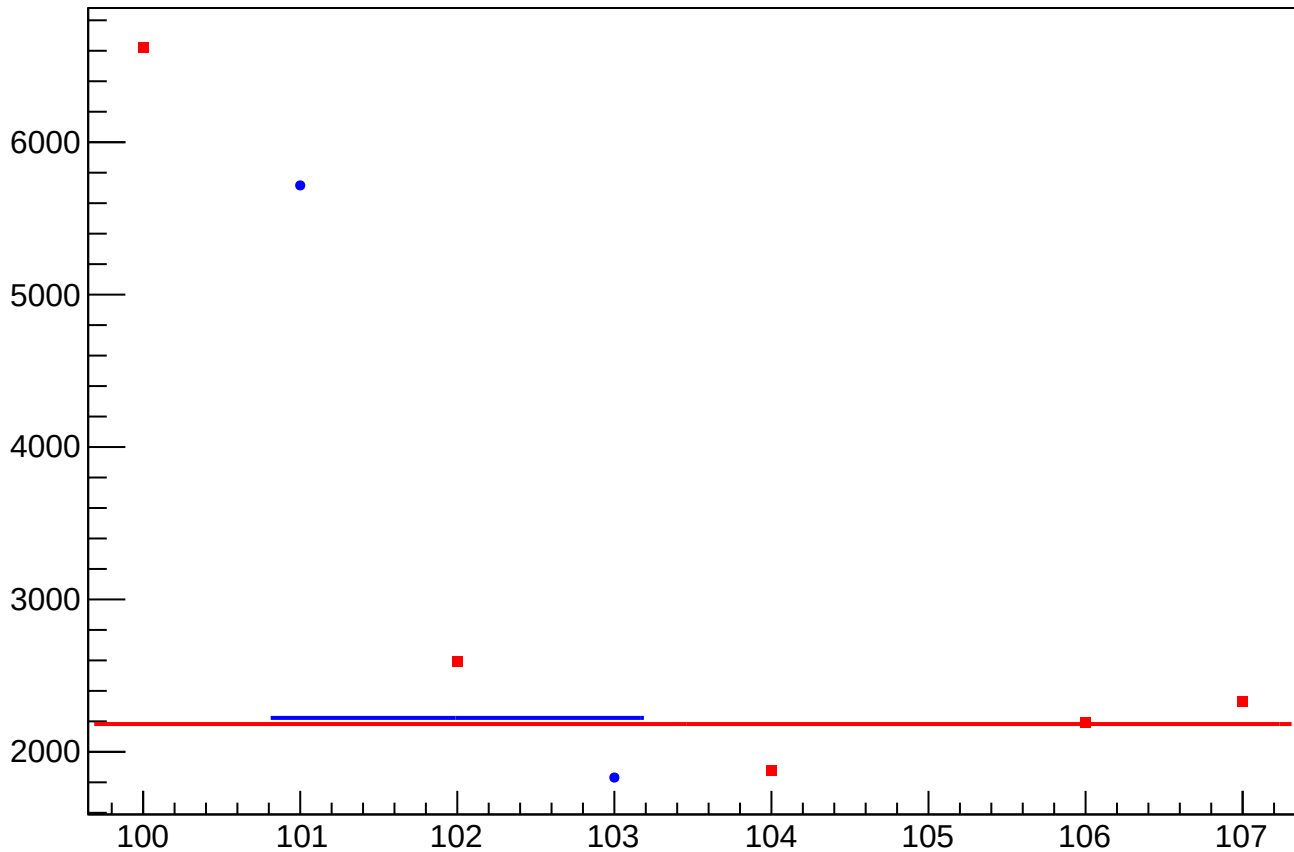
Right: 1177.917+/-1370.868 χ^2/NDF : 6.8/6

In: 398.468+/-2240.600 χ^2/NDF : 4.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1177.917+/-1370.868 χ^2/NDF : 6.8/6

reg_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2222.768+/-1.584 χ^2/NDF : 544725.3/1

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

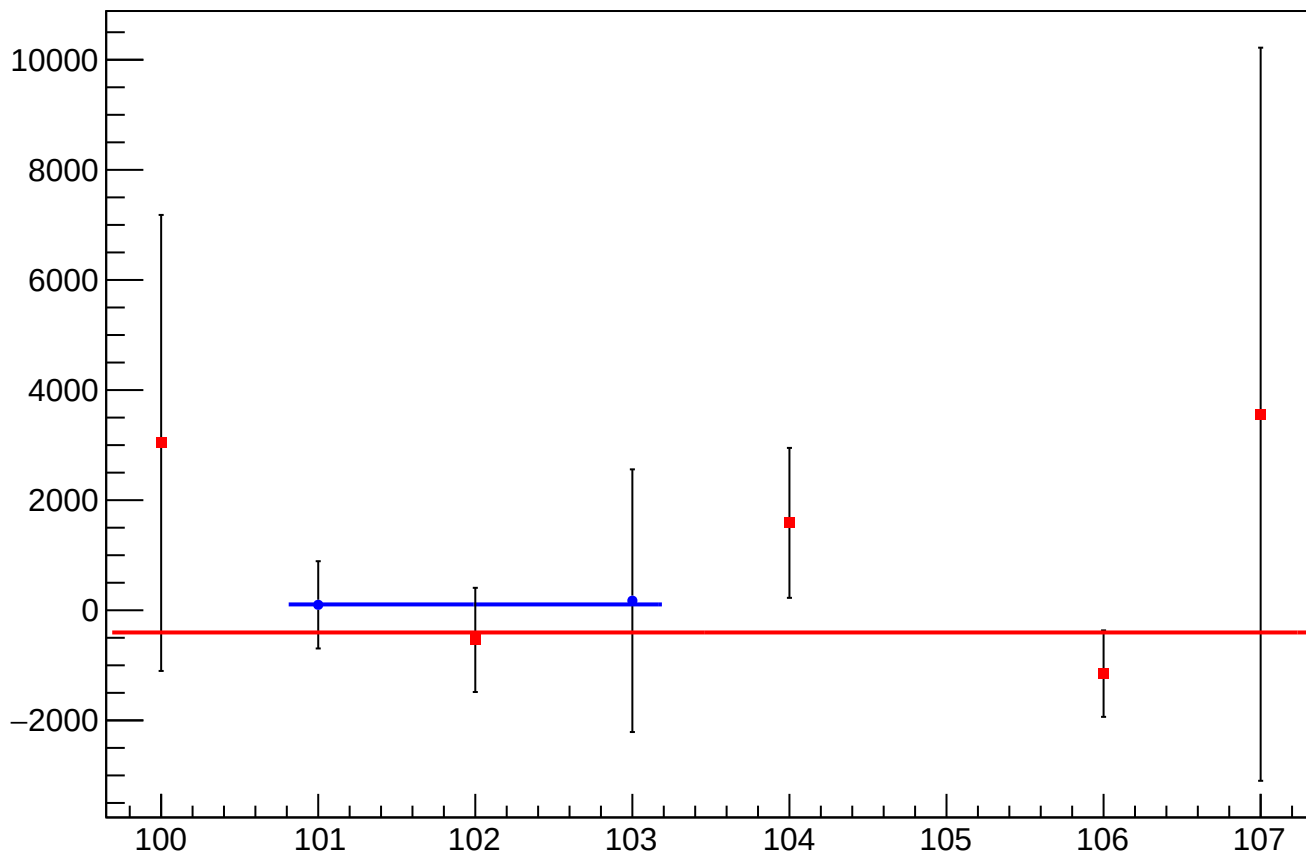
Right: 2197.567+/-0.969 χ^2/NDF : 663574.0/6

In: 2222.768+/-1.584 χ^2/NDF : 544725.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2197.567+/-0.969 χ^2/NDF : 663574.0/6

asym_at1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 106.240+/-752.157 χ^2/NDF : 0.0/1

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

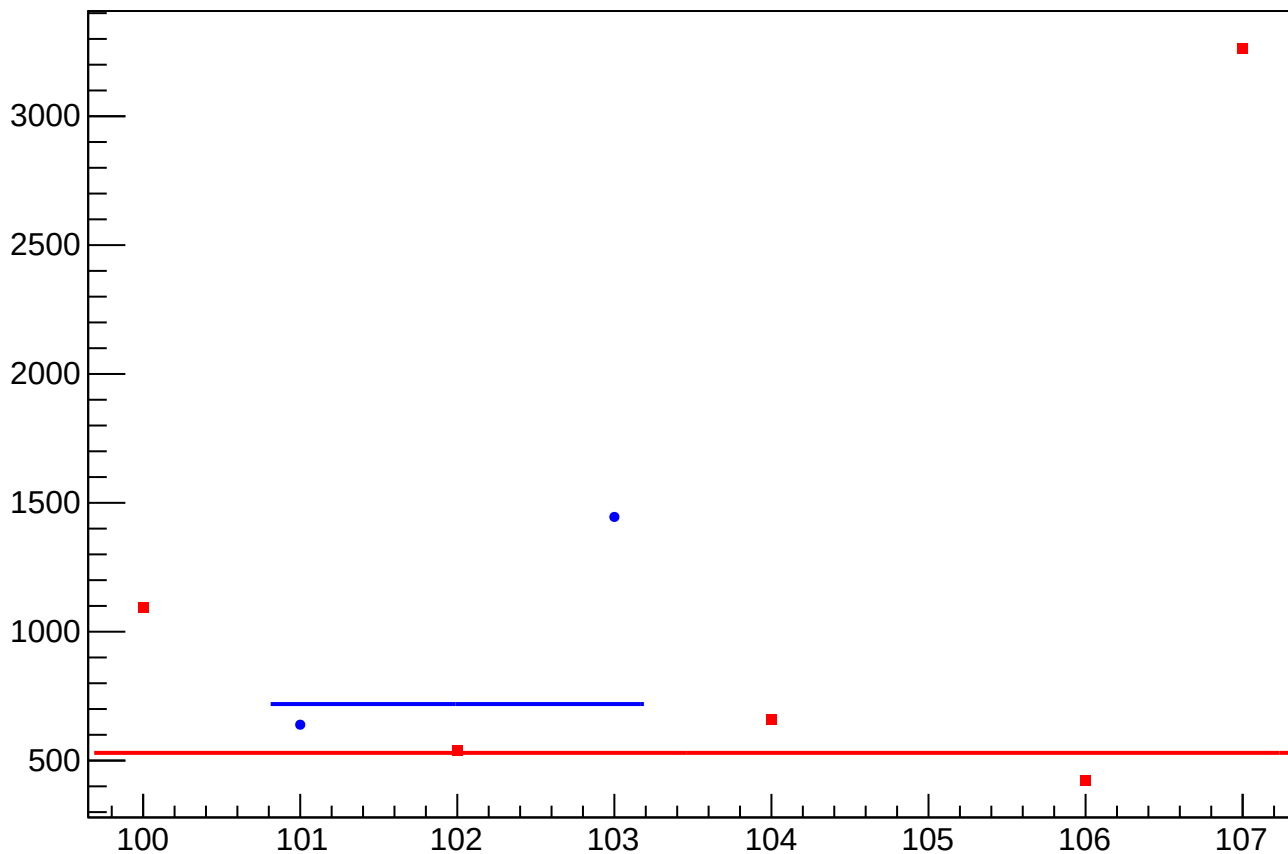
Right: -227.480+/-441.686 χ^2/NDF : 4.4/6

In: 106.240+/-752.157 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -227.480+/-441.686 χ^2/NDF : 4.4/6

asym_at1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 719.270+/-0.532 χ^2/NDF : 205678.8/1

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

Right Out: 529.857+/-0.386 χ^2/NDF : 429694.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

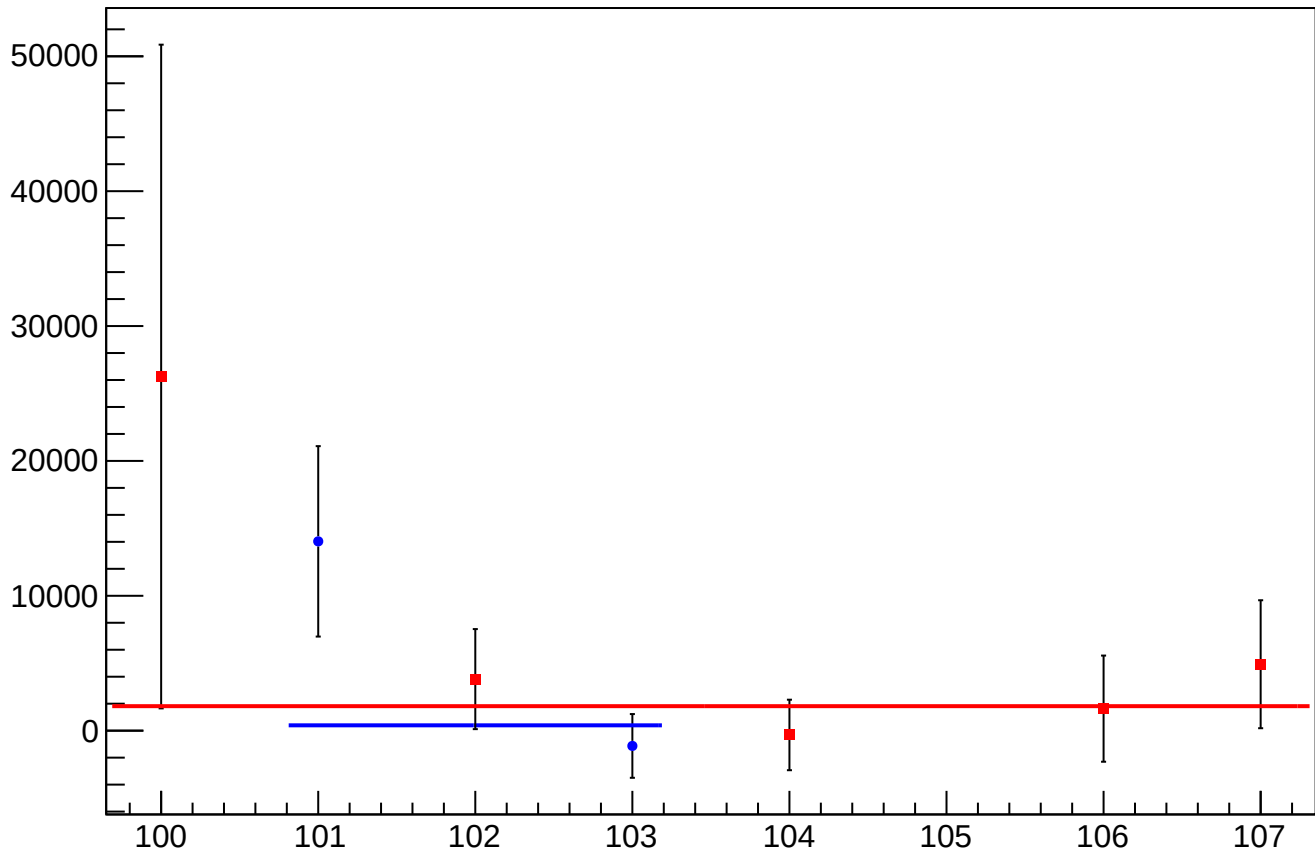
Right: 595.173+/-0.312 χ^2/NDF : 718470.0/6

In: 719.270+/-0.532 χ^2/NDF : 205678.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 595.173+/-0.312 χ^2/NDF : 718470.0/6

cor_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 395.862 $\pm$ 2240.603 χ^2 /NDF: 4.2/1

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

Right Out: 1816.201 $\pm$ 1741.603 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

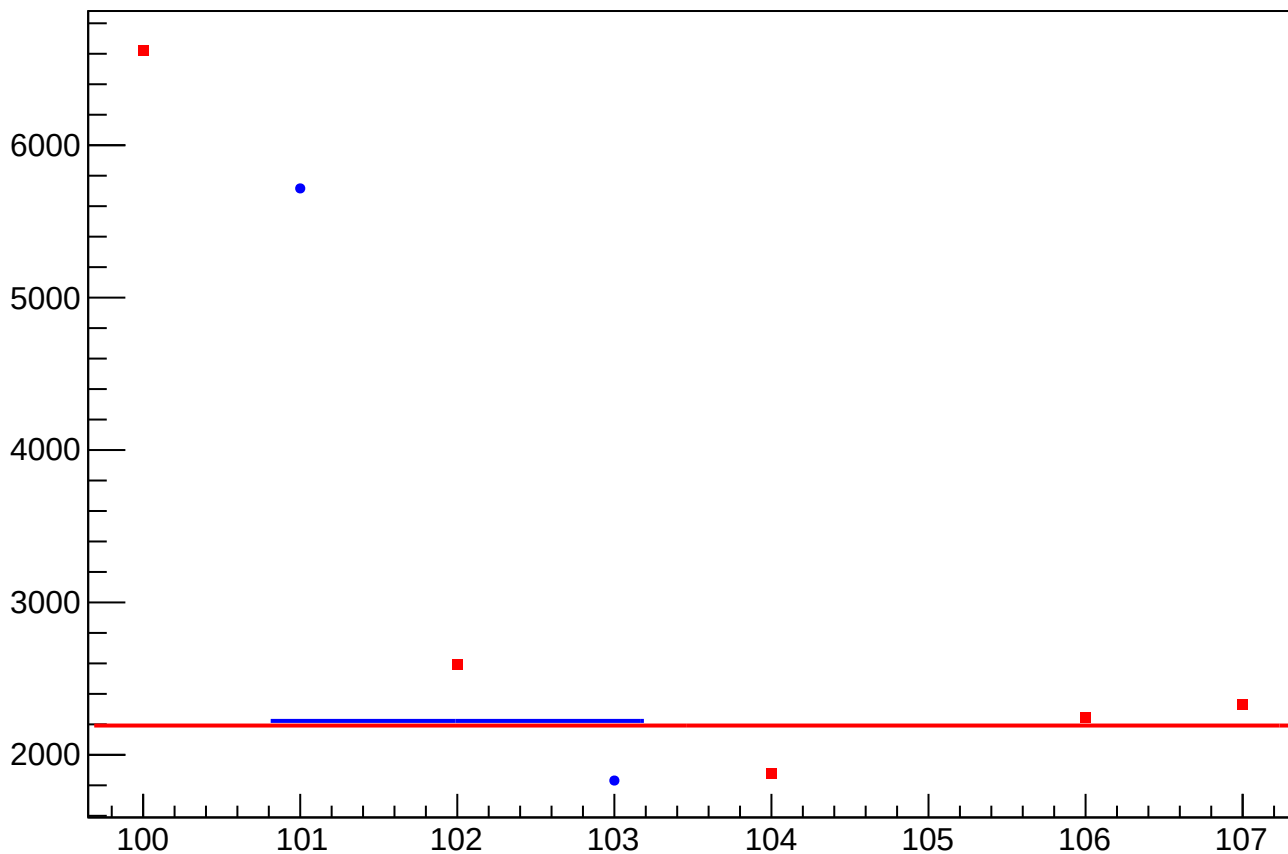
Right: 1281.259 $\pm$ 1375.062 χ^2 /NDF: 6.8/6

In: 395.862 $\pm$ 2240.603 χ^2 /NDF: 4.2/1

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

All: 1281.259 $\pm$ 1375.062 χ^2 /NDF: 6.8/6

cor_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2222.767+/-1.584 χ^2/NDF : 544725.6/1

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

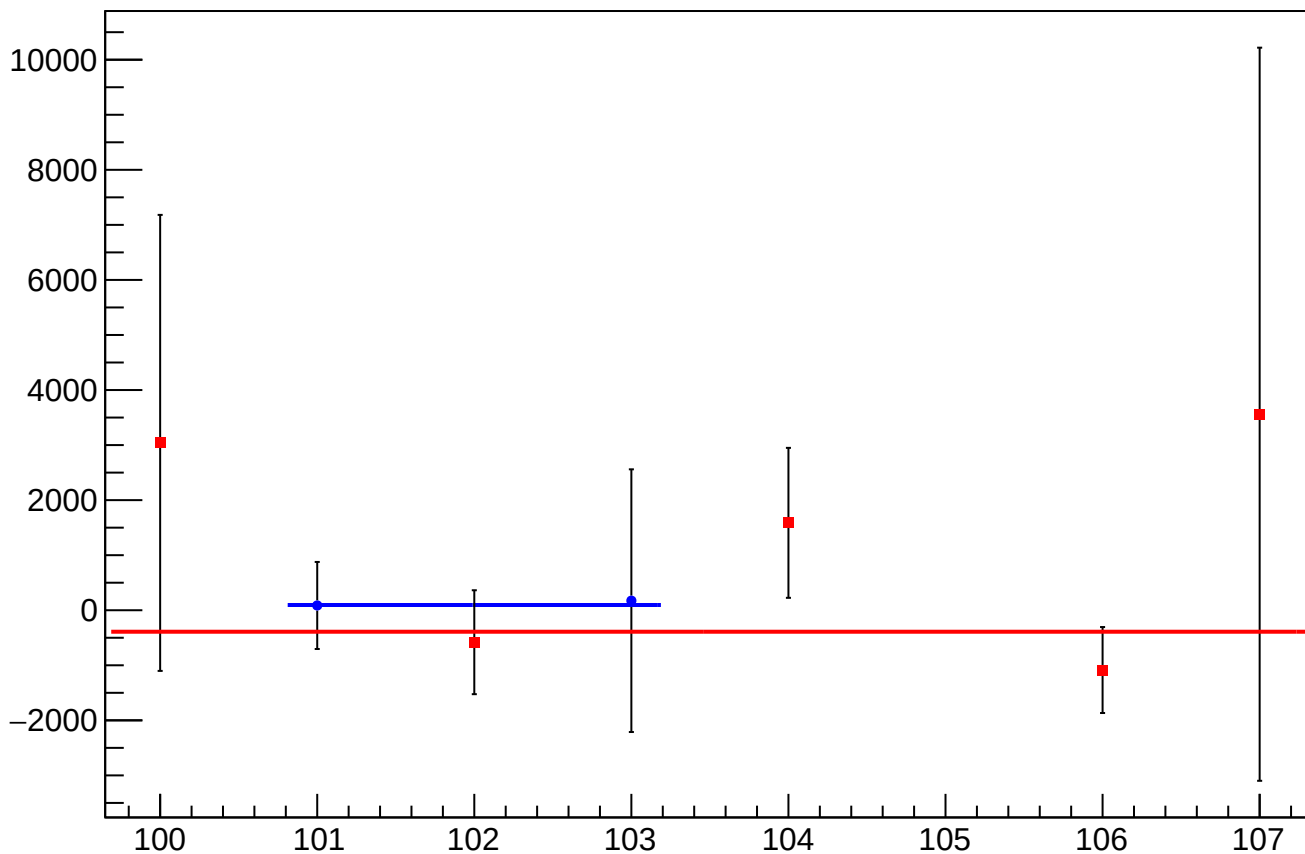
Right: 2203.794+/-0.972 χ^2/NDF : 663799.9/6

In: 2222.767+/-1.584 χ^2/NDF : 544725.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2203.794+/-0.972 χ^2/NDF : 663799.9/6

asym_at1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 95.186+/-750.452 χ^2/NDF : 0.0/1

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

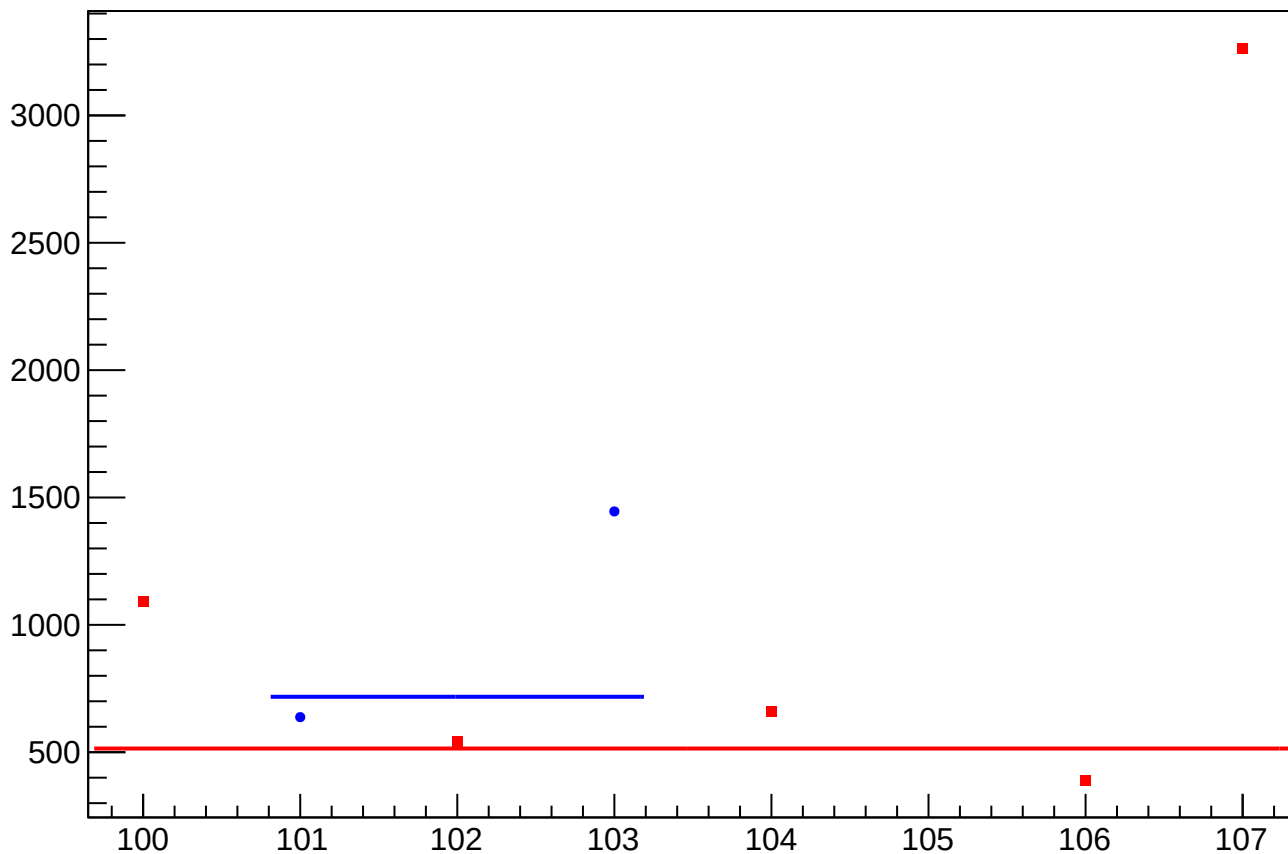
Right: -223.175+/-440.302 χ^2/NDF : 4.3/6

In: 95.186+/-750.452 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -223.175+/-440.302 χ^2/NDF : 4.3/6

asym_at1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 717.650+/-0.531 χ^2/NDF : 206475.7/1

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

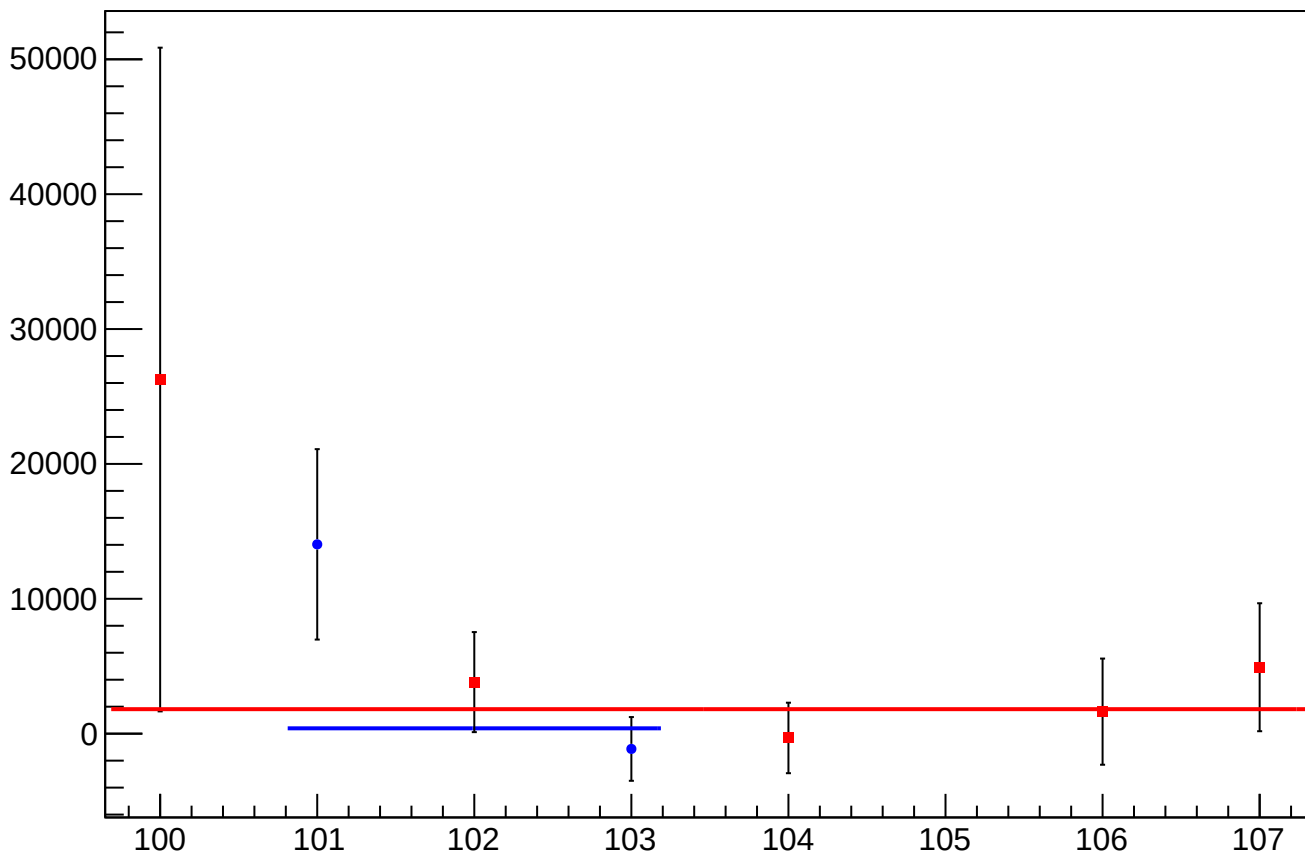
Right: 584.412+/-0.311 χ^2/NDF : 759021.2/6

In: 717.650+/-0.531 χ^2/NDF : 206475.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 584.412+/-0.311 χ^2/NDF : 759021.2/6

eigen_cor_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 395.862 $\pm$ 2240.603 χ^2 /NDF: 4.2/1

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

Right Out: 1816.201 $\pm$ 1741.603 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

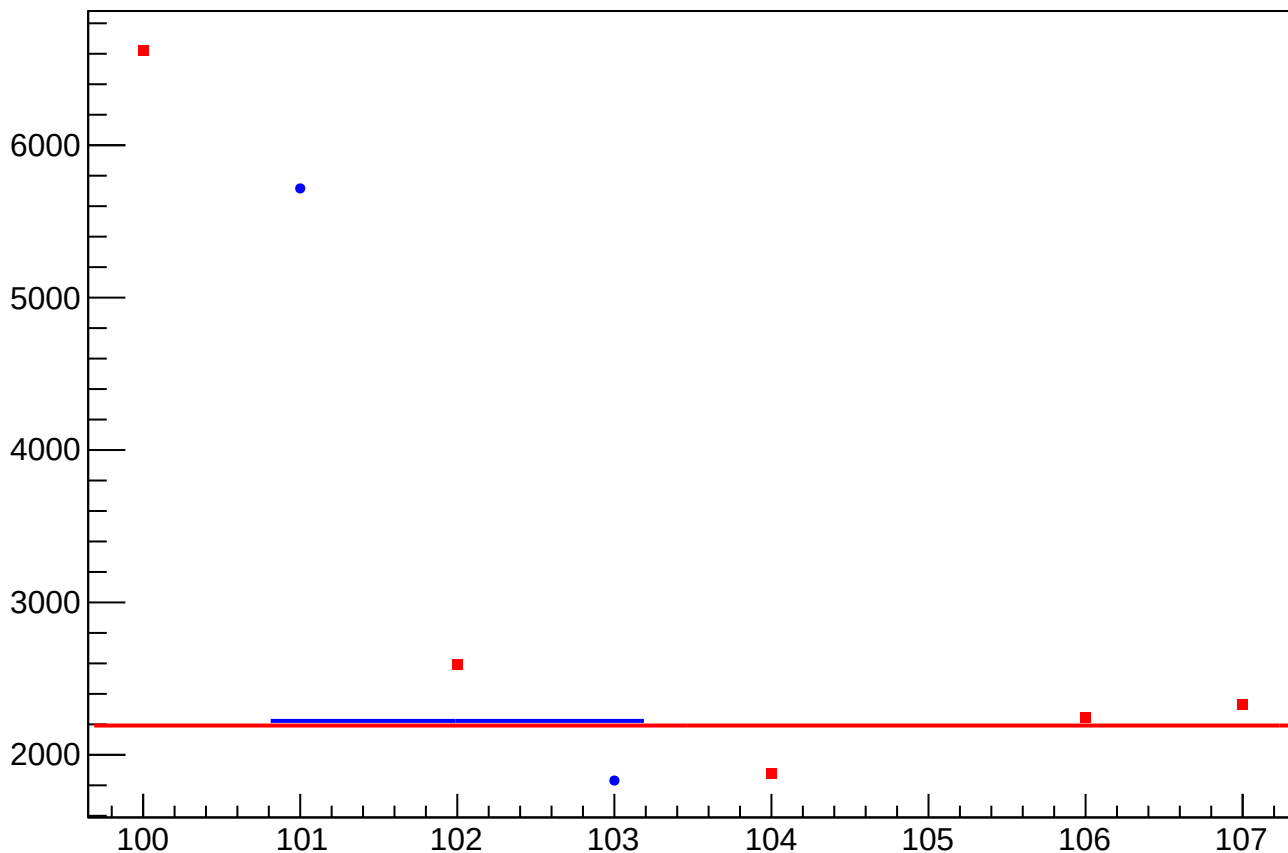
Right: 1281.259 $\pm$ 1375.062 χ^2 /NDF: 6.8/6

In: 395.862 $\pm$ 2240.603 χ^2 /NDF:4.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1281.259 $\pm$ 1375.062 χ^2 /NDF: 6.8/6

eigen_cor_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2222.767+/-1.584 χ^2/NDF : 544725.6/1

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

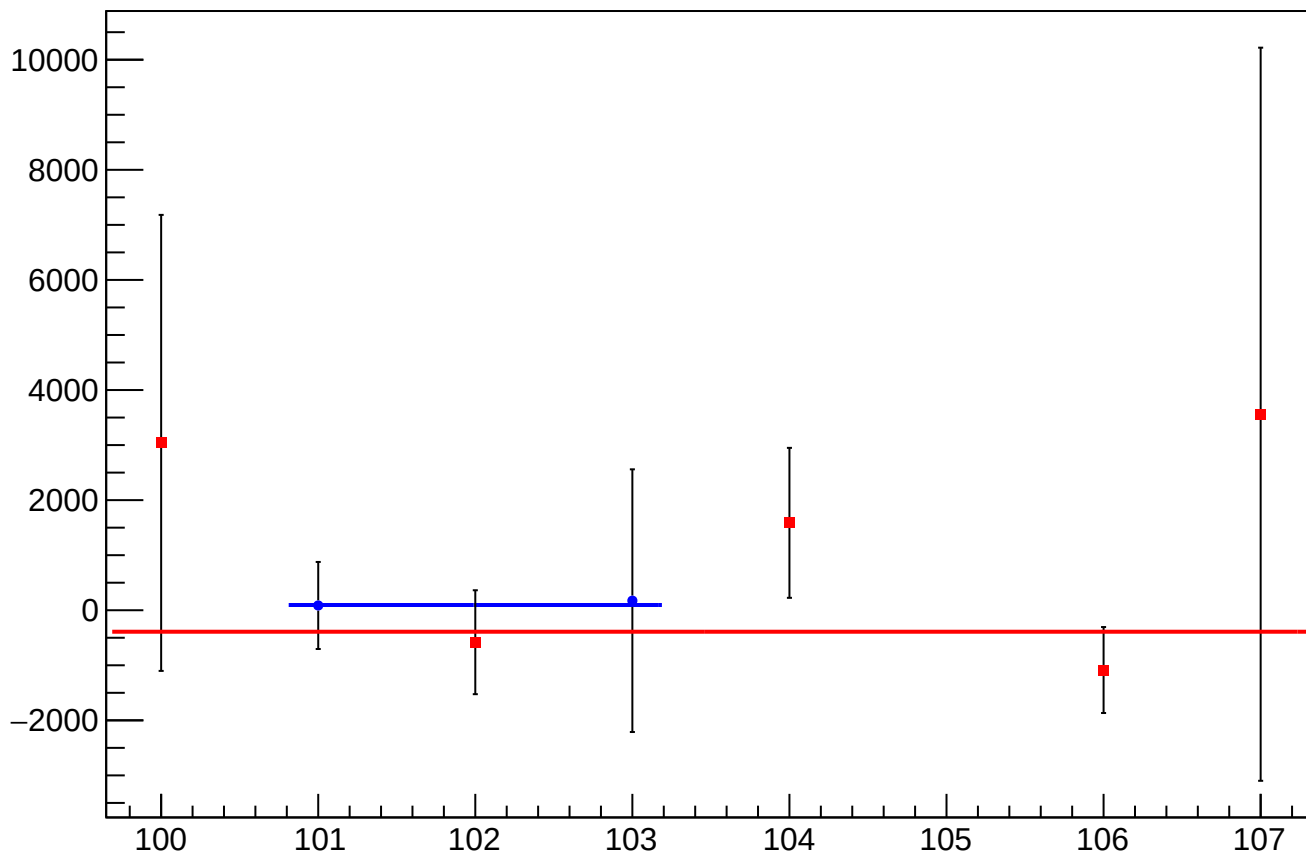
Right: 2203.794+/-0.972 χ^2/NDF : 663799.9/6

In: 2222.767+/-1.584 χ^2/NDF : 544725.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2203.794+/-0.972 χ^2/NDF : 663799.9/6

asym_at1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 95.186+/-750.452 χ^2/NDF : 0.0/1

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

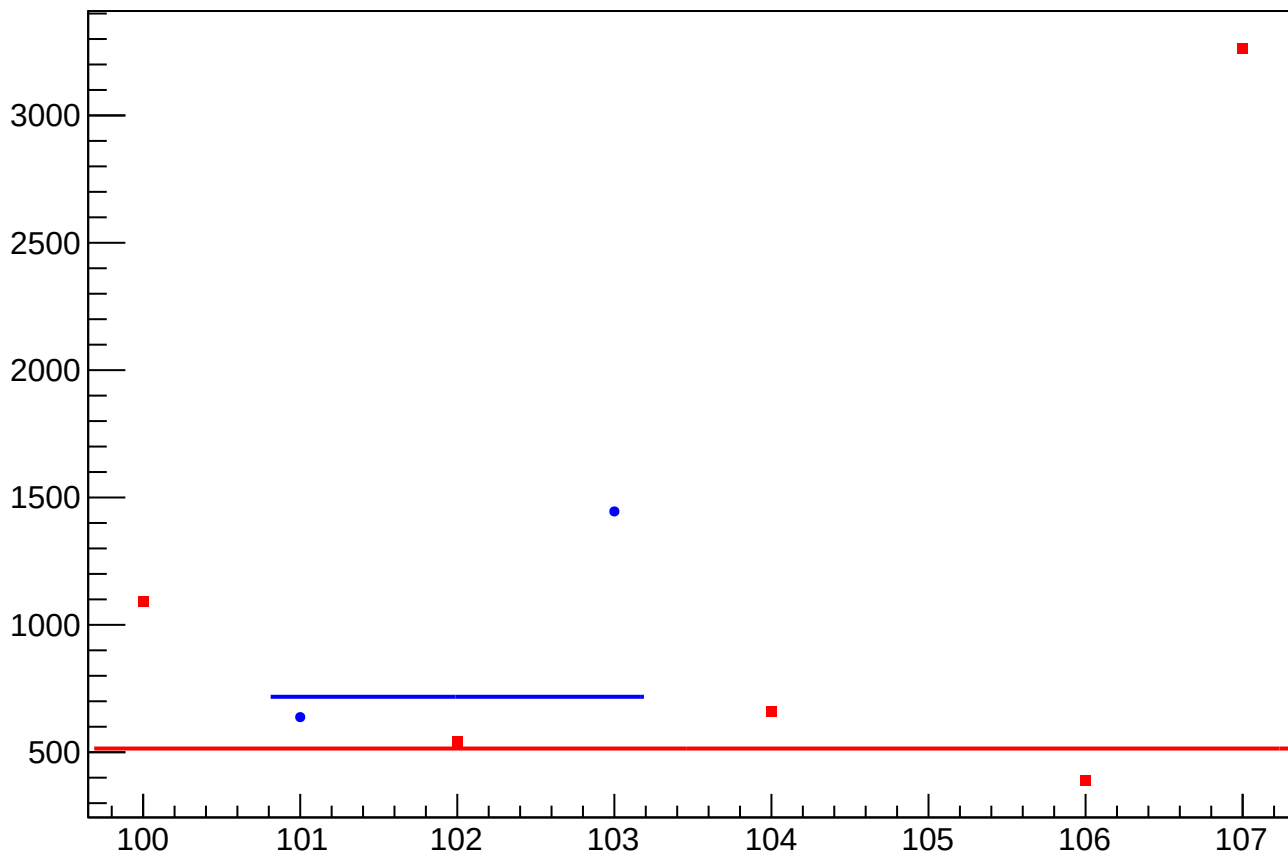
Right: -223.175+/-440.302 χ^2/NDF : 4.3/6

In: 95.186+/-750.452 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -223.175+/-440.302 χ^2/NDF : 4.3/6

asym_at1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 717.650+/-0.531 χ^2/NDF : 206475.7/1

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

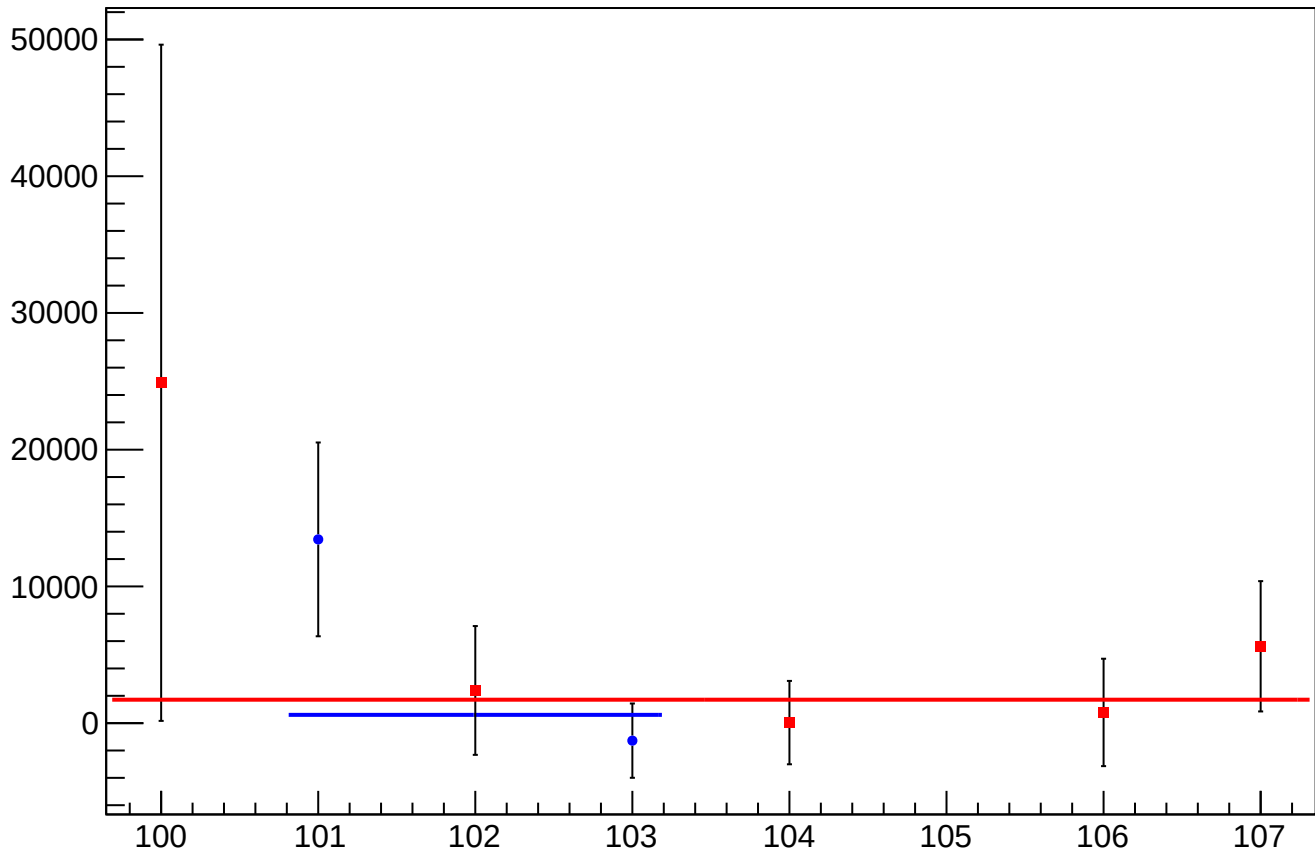
Right: 584.412+/-0.311 χ^2/NDF : 759021.2/6

In: 717.650+/-0.531 χ^2/NDF : 206475.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 584.412+/-0.311 χ^2/NDF : 759021.2/6

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 606.964+/-2536.684 χ^2/NDF : 3.8/1

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

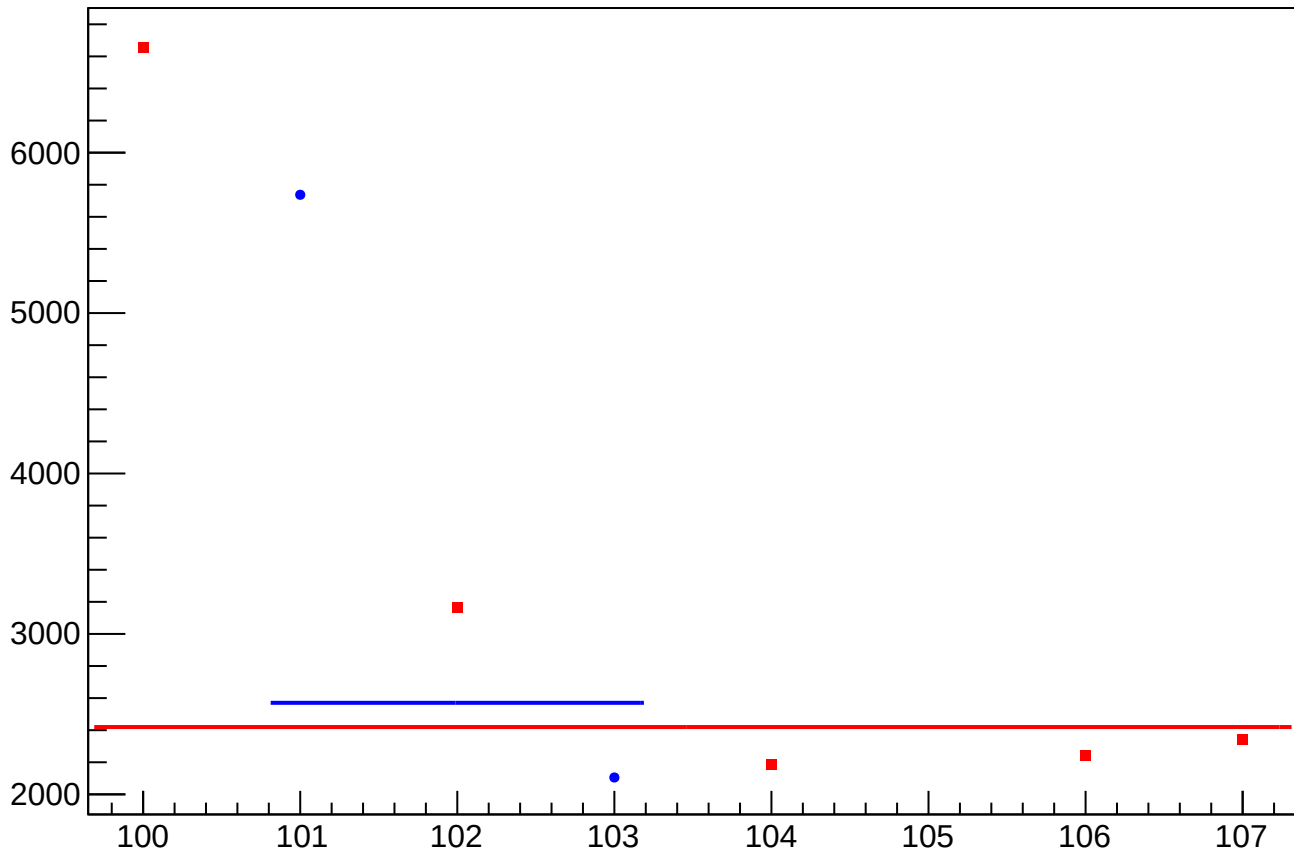
Right: 1303.787+/-1545.630 χ^2/NDF : 5.8/6

In: 606.964+/-2536.684 χ^2/NDF : 3.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1303.787+/-1545.630 χ^2/NDF : 5.8/6

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2570.628+/-1.794 χ^2/NDF : 458173.5/1

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

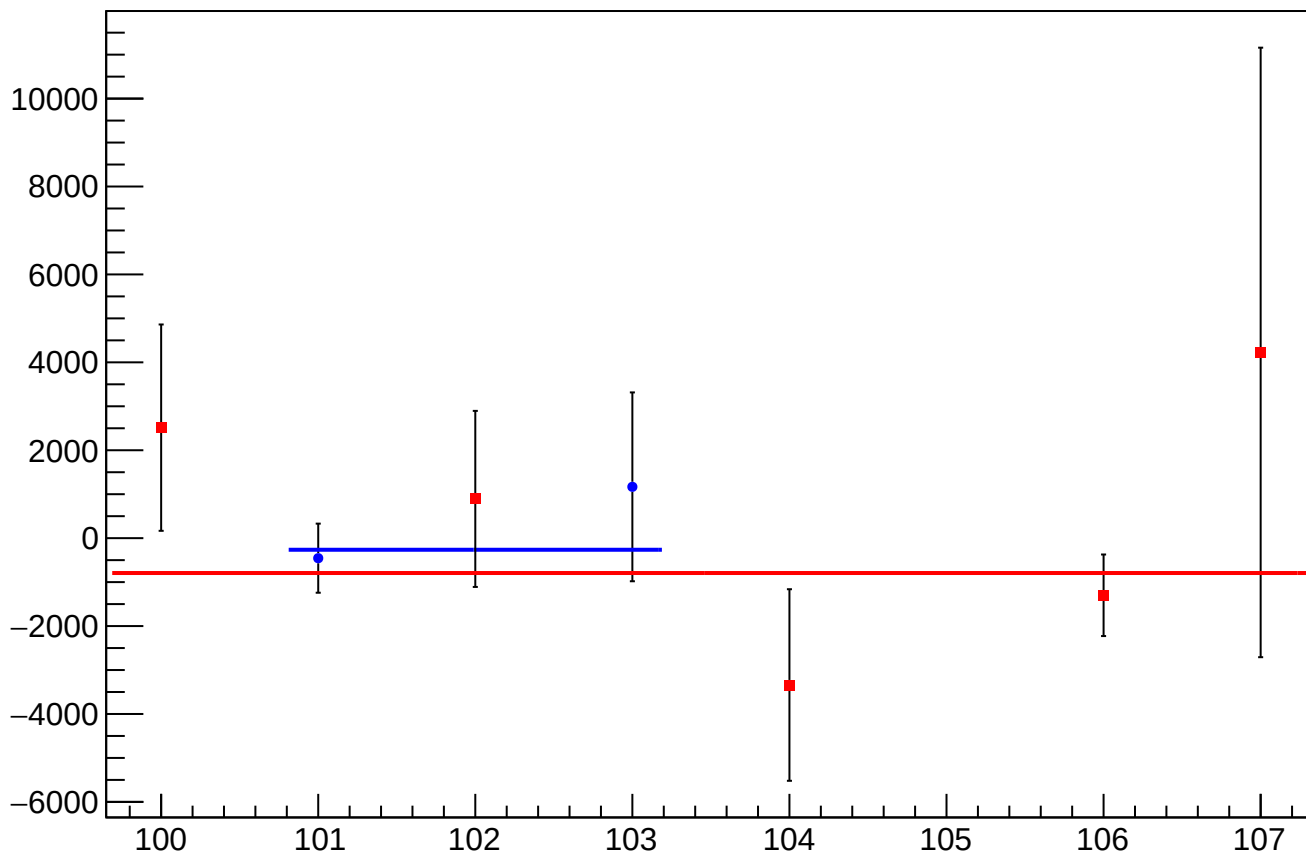
Right: 2475.697+/-1.093 χ^2/NDF : 587880.4/6

In: 2570.628+/-1.794 χ^2/NDF : 458173.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2475.697+/-1.093 χ^2/NDF : 587880.4/6

asym_at1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -263.923+/-738.158 χ^2/NDF : 0.5/1

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

Right Out: -793.036+/-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

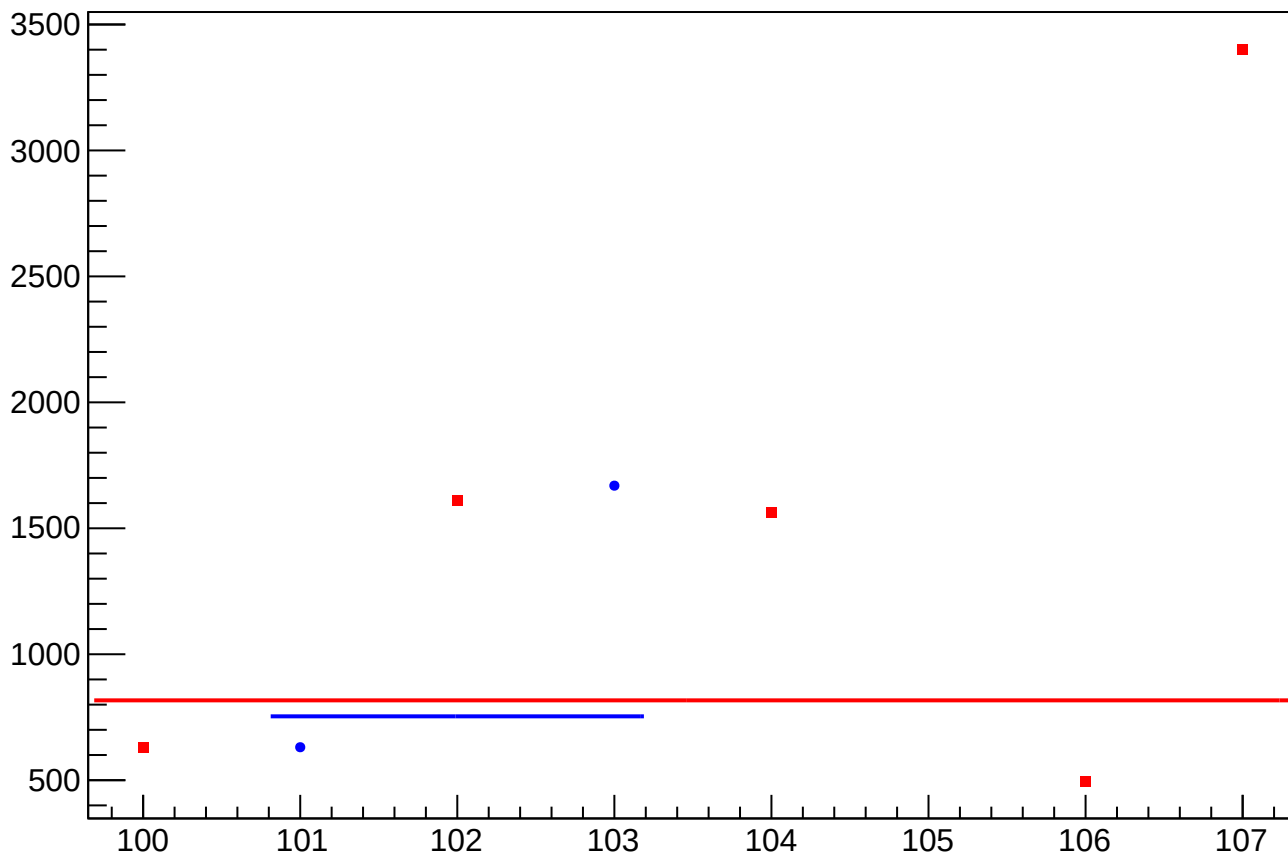
Right: -527.670+/-522.755 χ^2/NDF : 5.6/6

In: -263.923+/-738.158 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -527.670+/-522.755 χ^2/NDF : 5.6/6

asym_at1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 753.527+/-0.522 χ^2/NDF : 412094.8/1

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

Right Out: 816.963+/-0.524 χ^2/NDF : 1079575.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

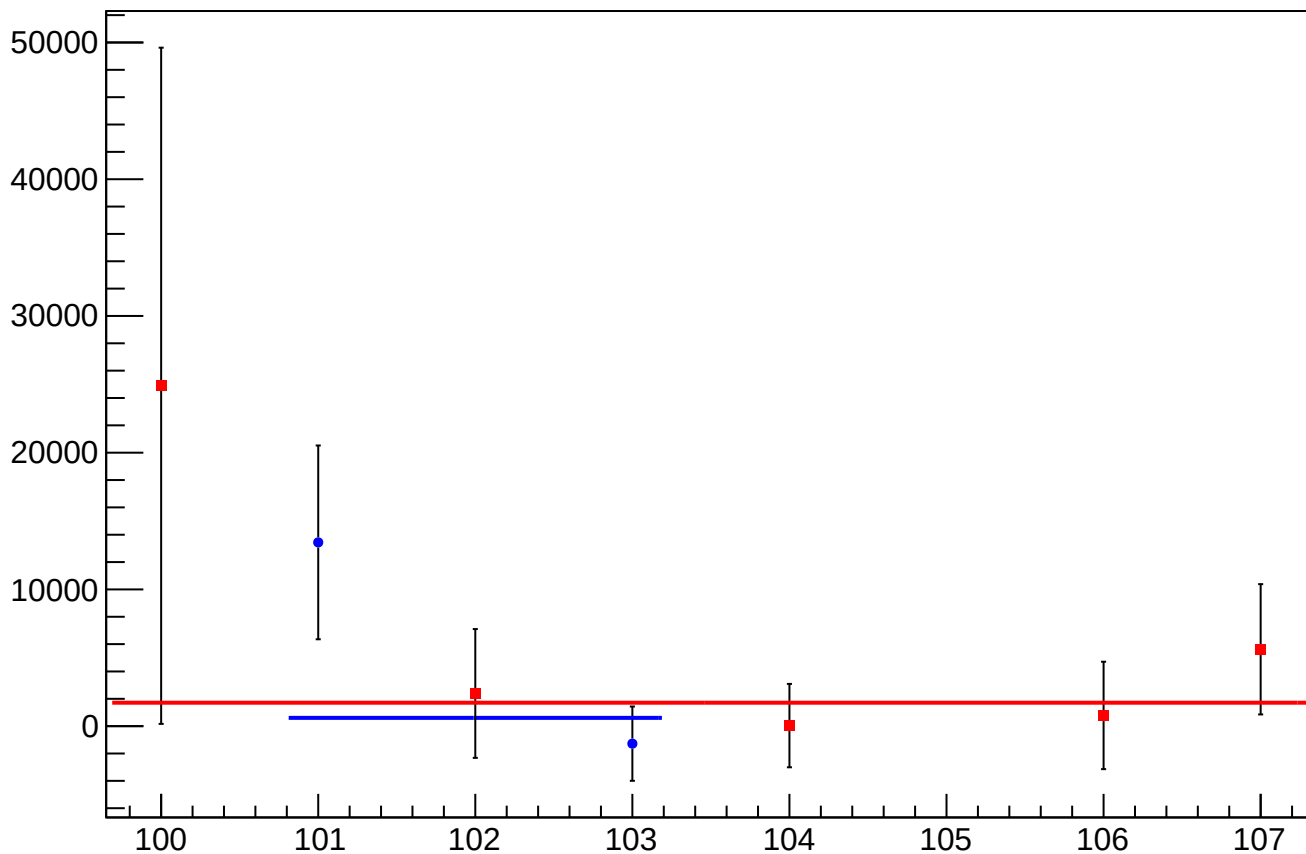
Right: 785.148+/-0.370 χ^2/NDF : 1499032.6/6

In: 753.527+/-0.522 χ^2/NDF : 412094.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 785.148+/-0.370 χ^2/NDF : 1499032.6/6

eigen_dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 606.951+/-2536.680 χ^2/NDF : 3.8/1

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

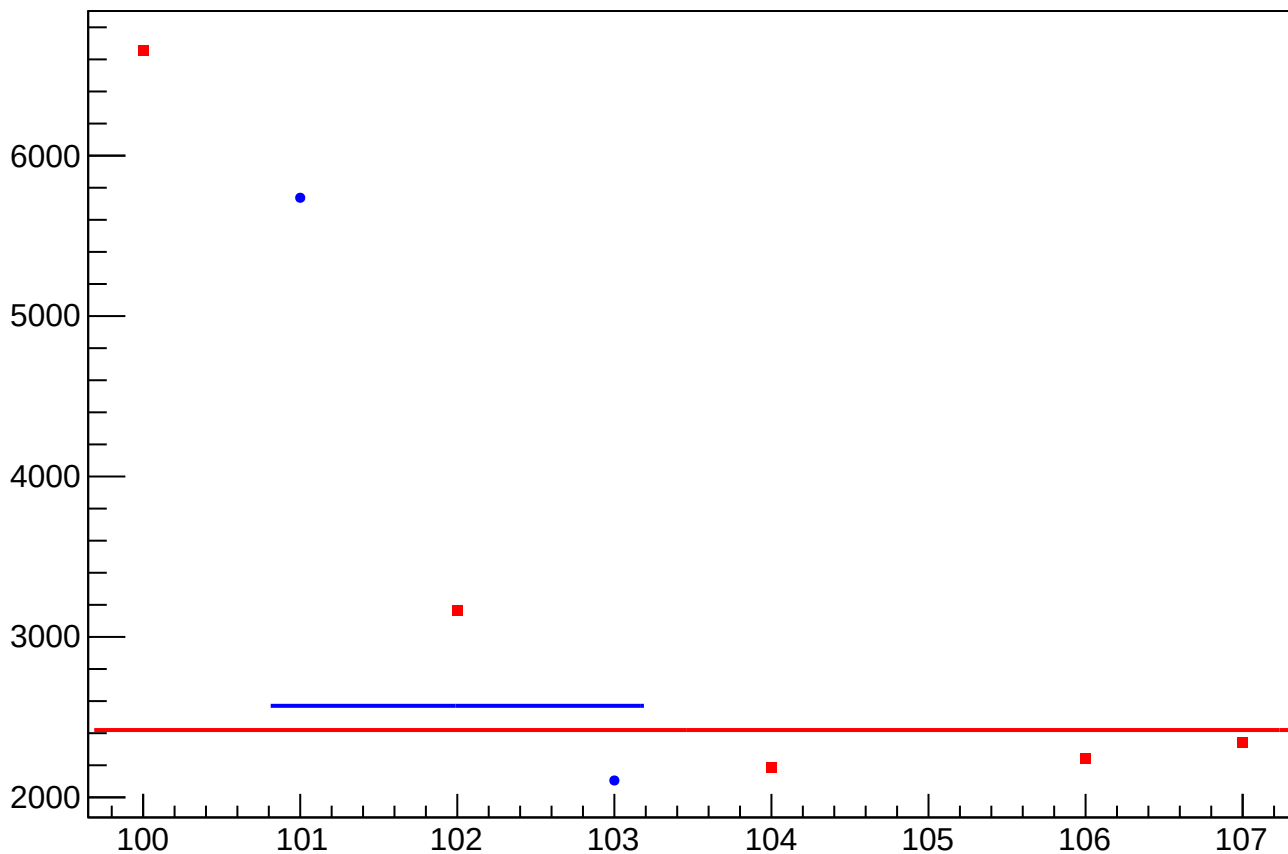
Right: 1303.776+/-1545.628 χ^2/NDF : 5.8/6

In: 606.951+/-2536.680 χ^2/NDF : 3.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1303.776+/-1545.628 χ^2/NDF : 5.8/6

eigen_dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2570.623+/-1.794 χ^2/NDF : 458174.7/1

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

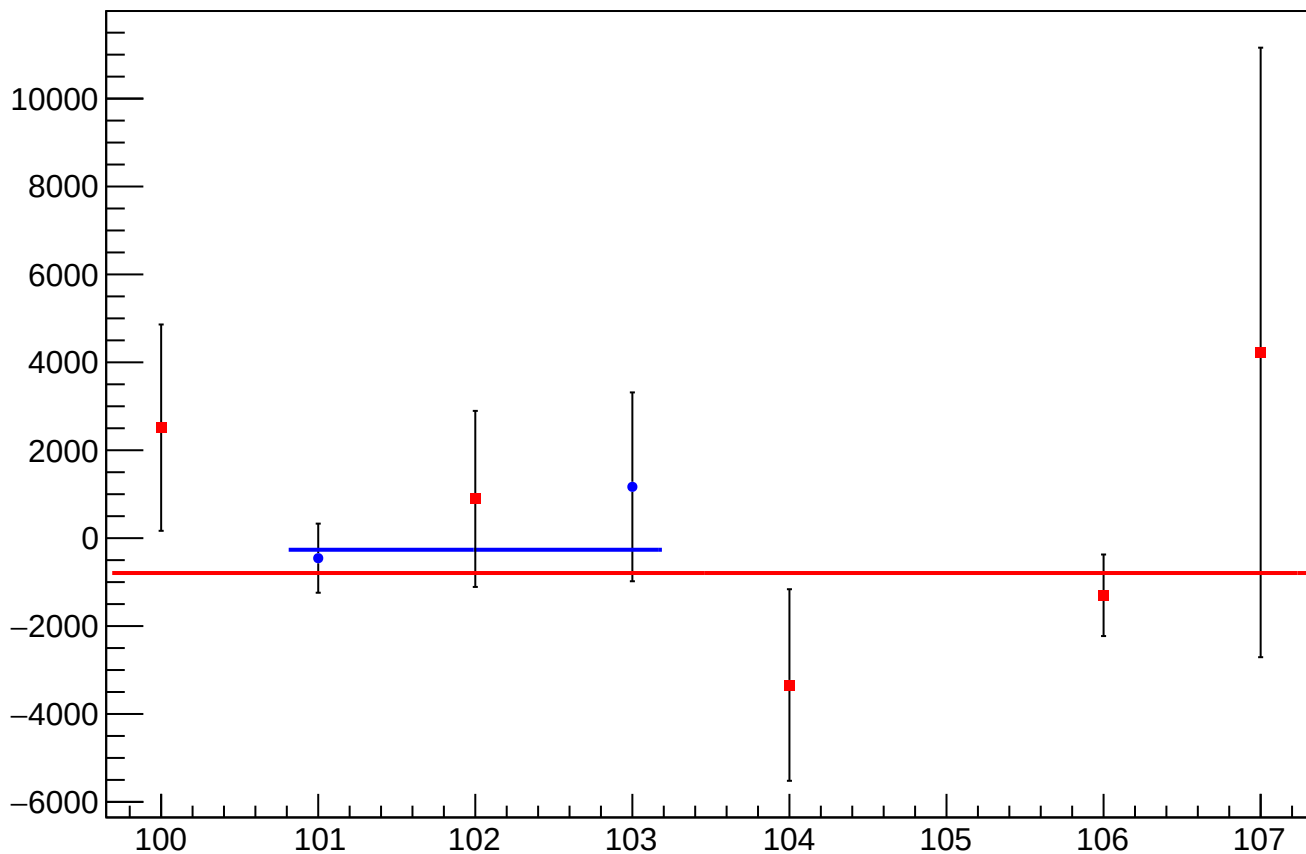
Right: 2475.694+/-1.093 χ^2/NDF : 587881.2/6

In: 2570.623+/-1.794 χ^2/NDF : 458174.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2475.694+/-1.093 χ^2/NDF : 587881.2/6

asym_at1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -263.926+/-738.157 χ^2/NDF : 0.5/1

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

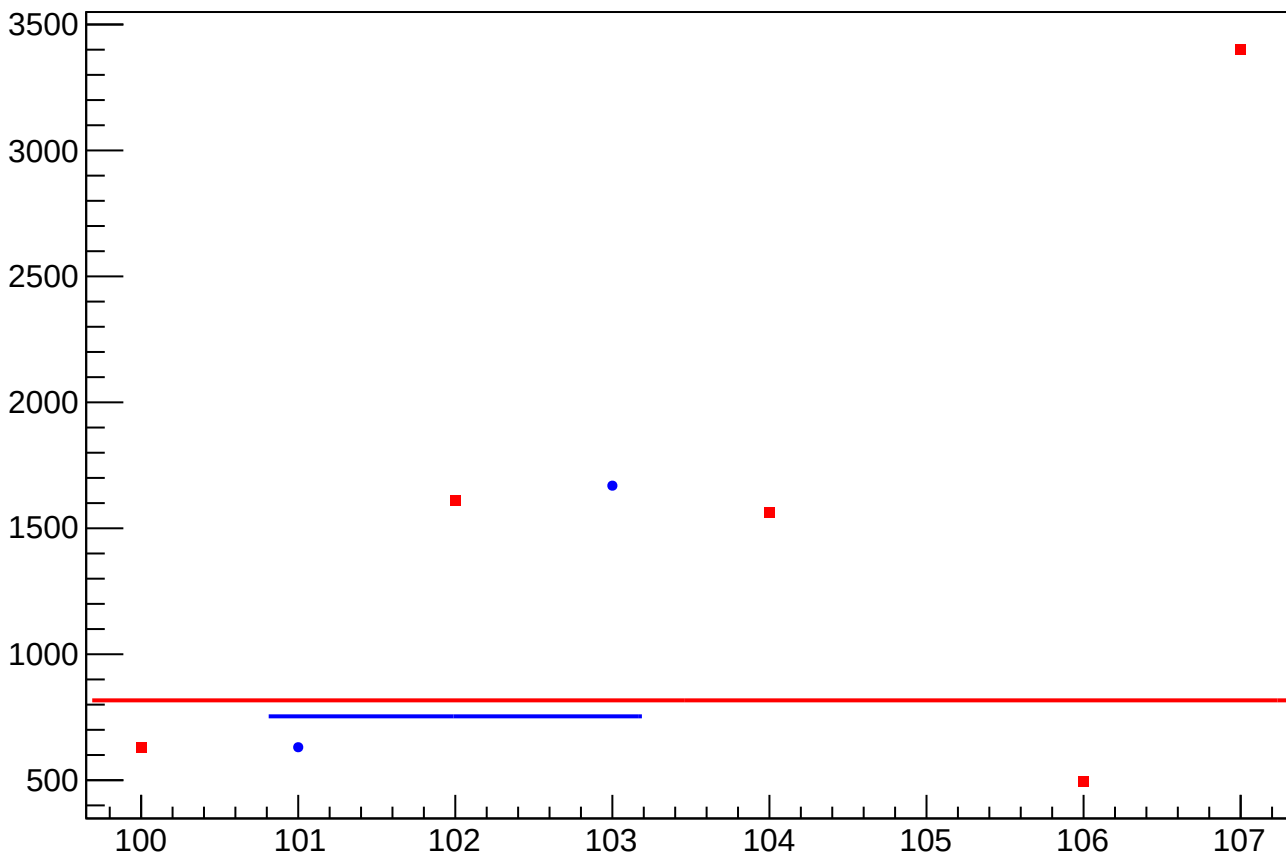
Right: -527.670+/-522.754 χ^2/NDF : 5.6/6

In: -263.926+/-738.157 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -527.670+/-522.754 χ^2/NDF : 5.6/6

asym_at1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 753.525+/-0.522 χ^2/NDF : 412098.2/1

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

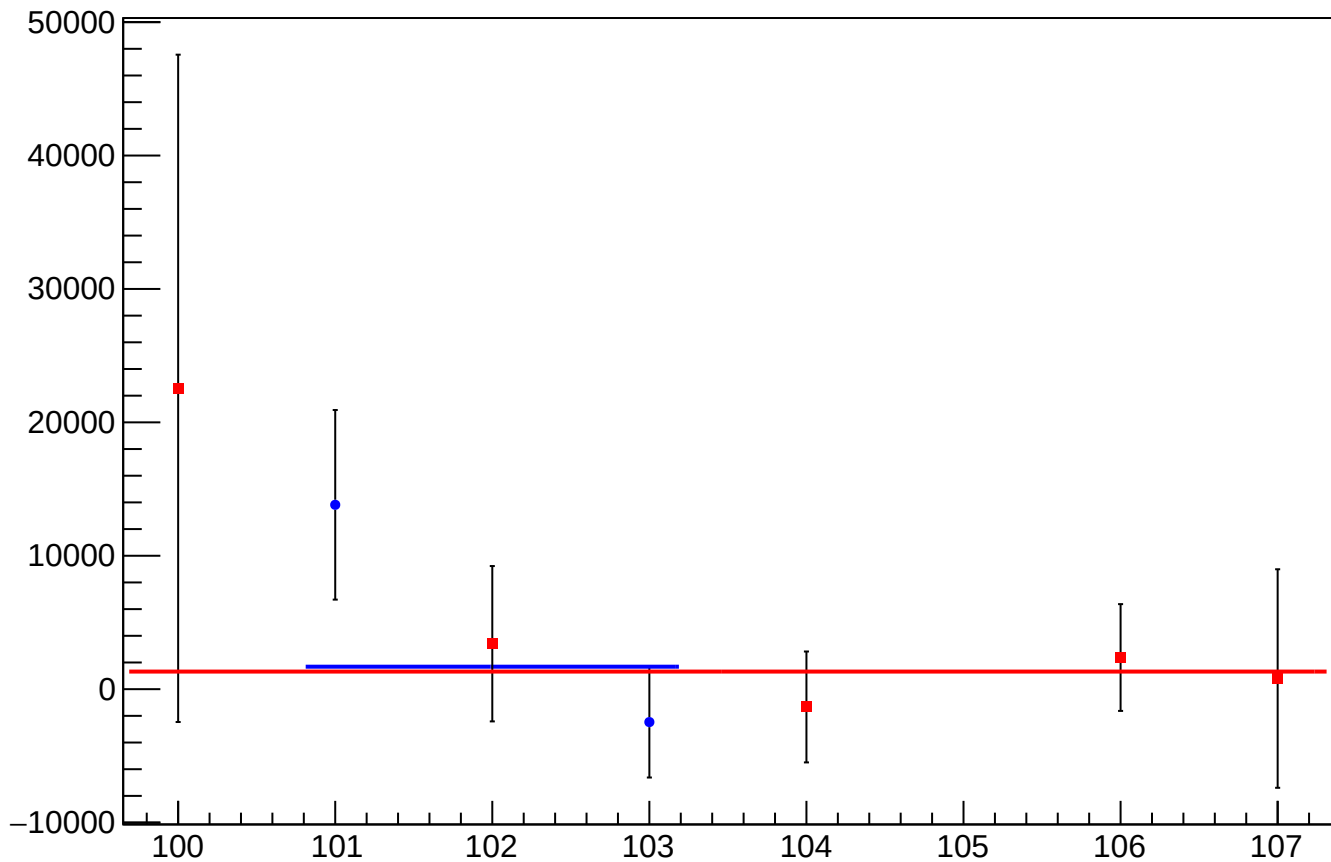
Right: 785.146+/-0.370 χ^2/NDF : 1499040.8/6

In: 753.525+/-0.522 χ^2/NDF : 412098.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 785.146+/-0.370 χ^2/NDF : 1499040.8/6

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1684.628+/-3587.783 χ^2/NDF : 3.9/1

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

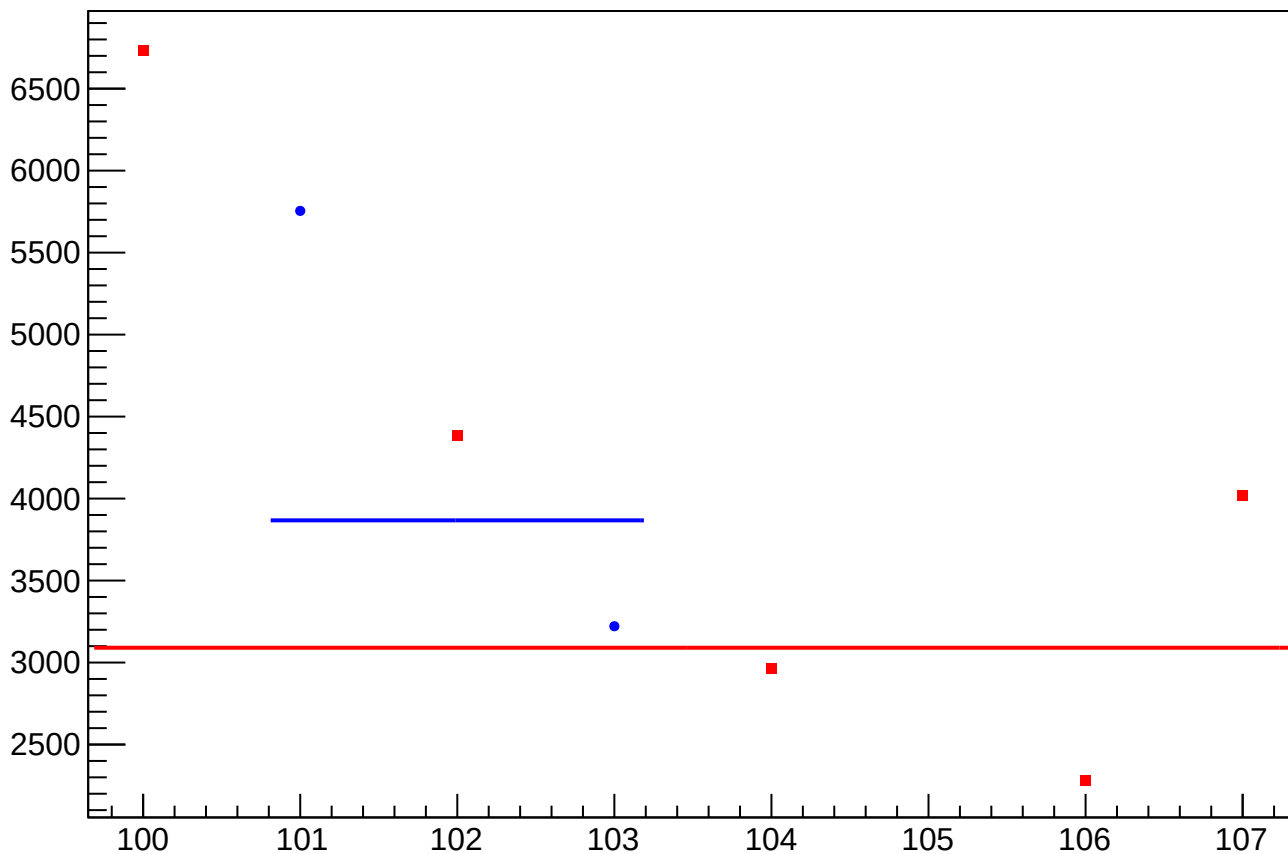
Right: 1435.327+/-2024.531 χ^2/NDF : 5.2/6

In: 1684.628+/-3587.783 χ^2/NDF : 3.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1435.327+/-2024.531 χ^2/NDF : 5.2/6

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 3867.189+/-2.537 χ^2/NDF : 189327.3/1

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

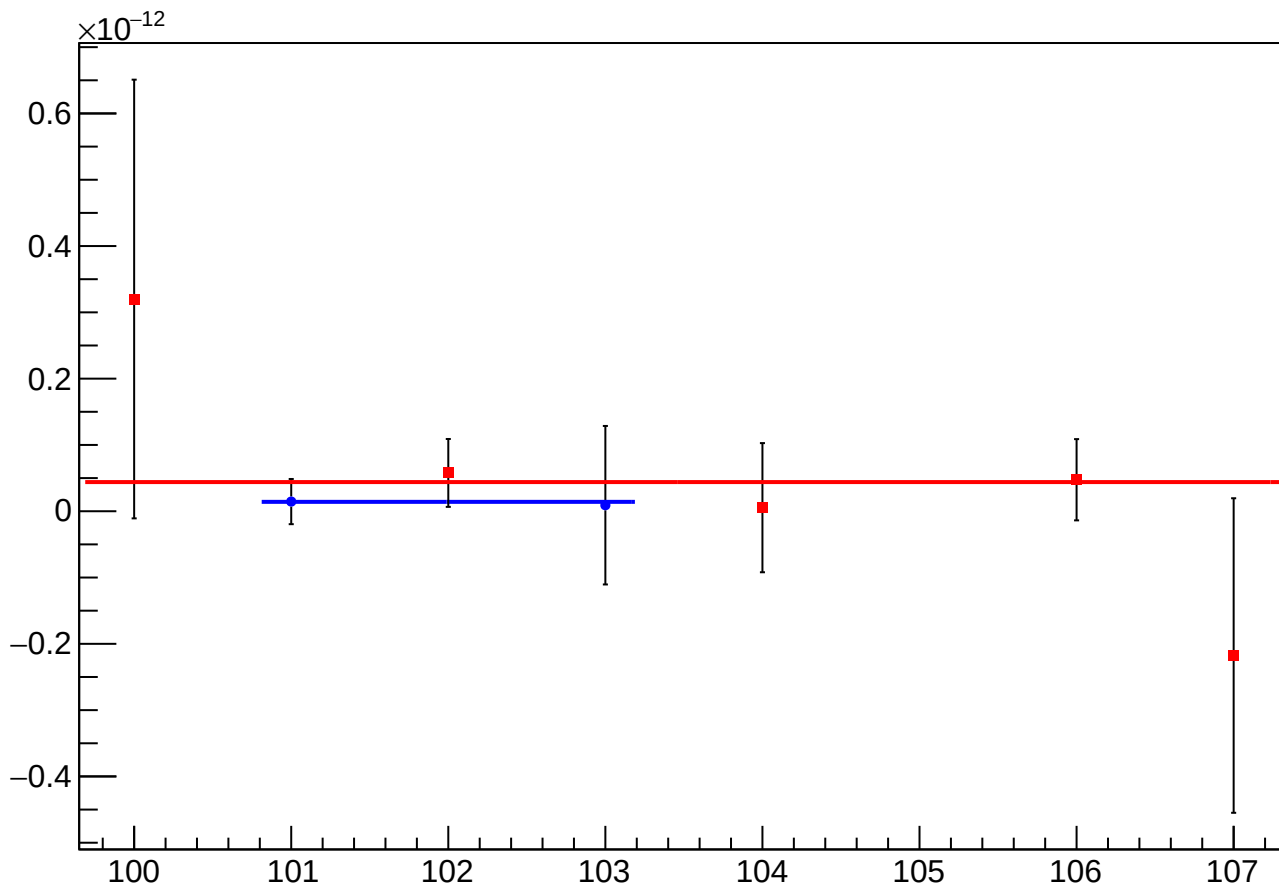
Right: 3337.808+/-1.432 χ^2/NDF : 503826.6/6

In: 3867.189+/-2.537 χ^2/NDF : 189327.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3337.808+/-1.432 χ^2/NDF : 503826.6/6

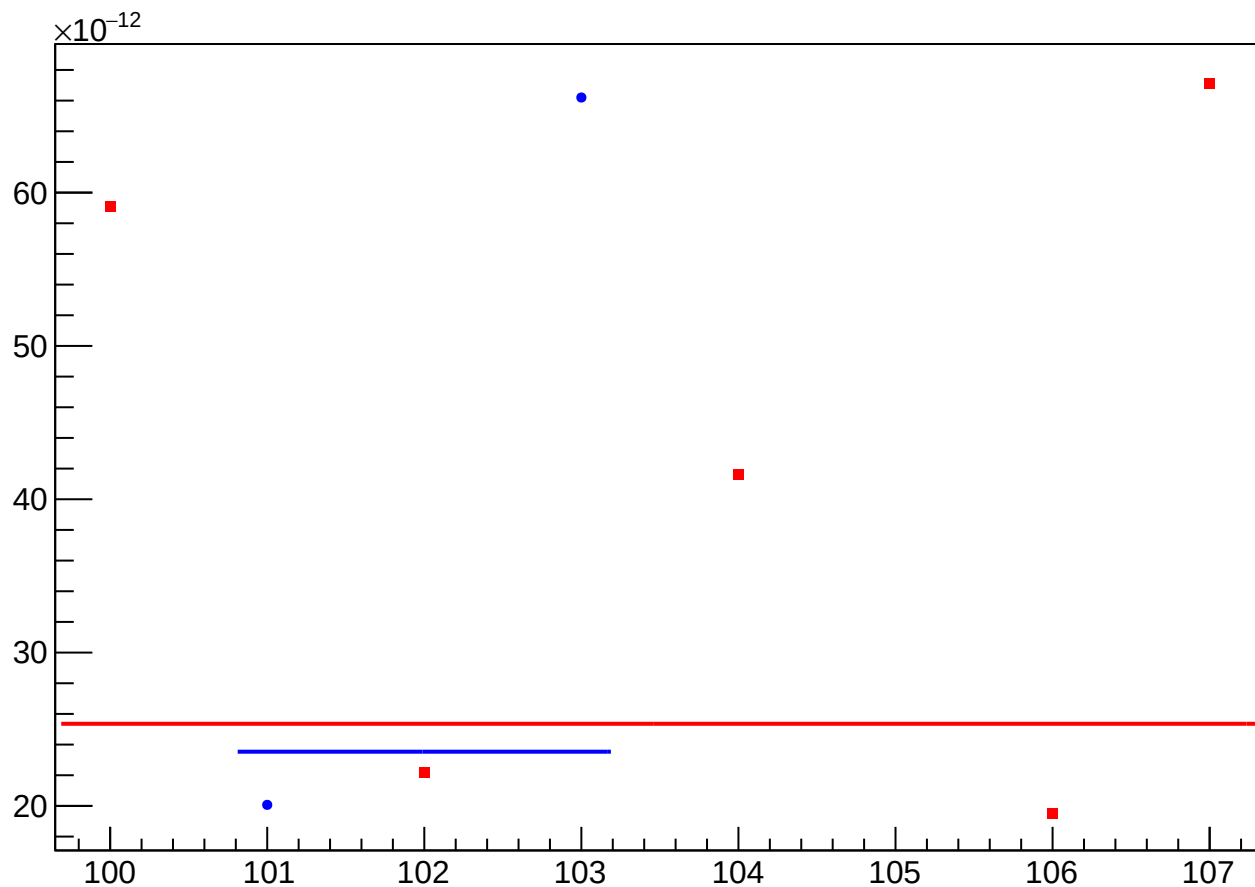
asym_at1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/1
 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 : 2.5/6
 In: 0.000+/-0.000 χ^2/NDF : 0.0/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 2.5/6

asym_at1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 275484.1/1

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

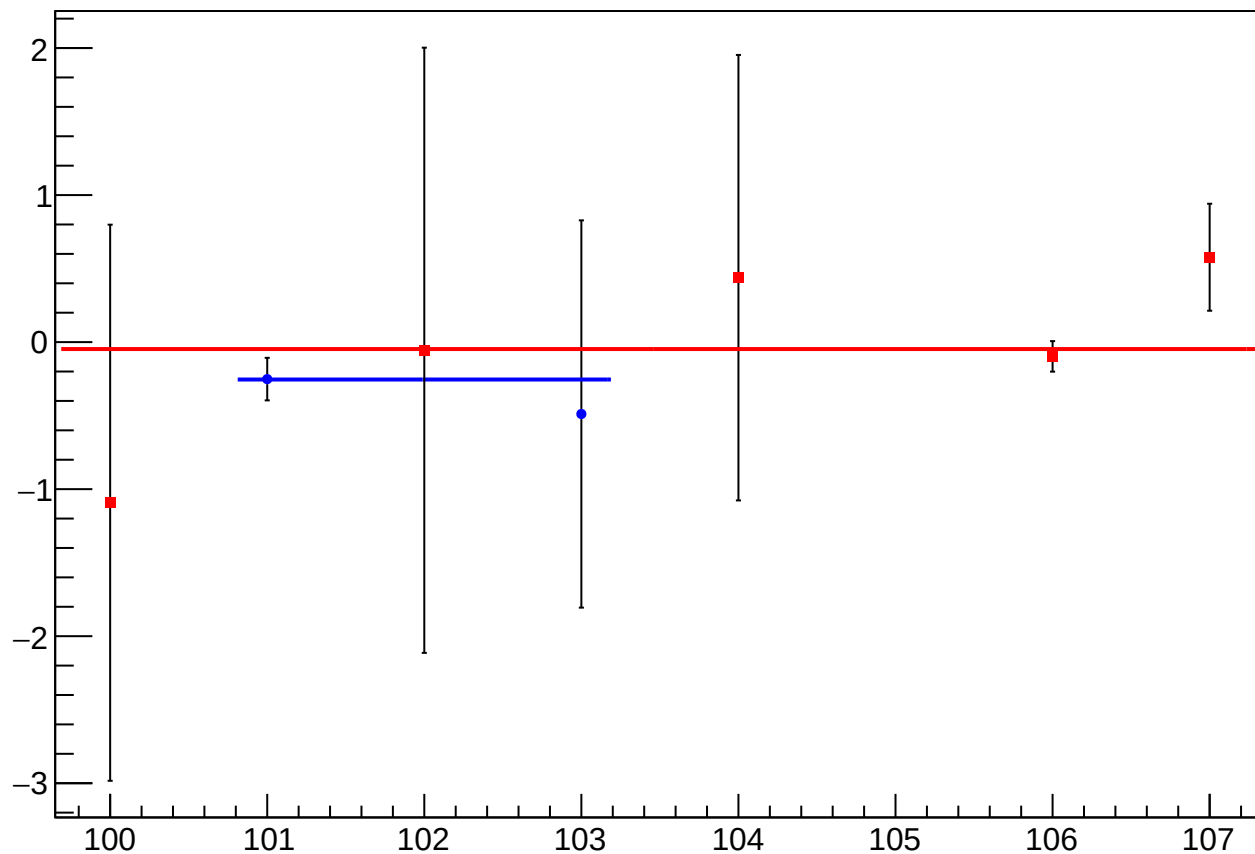
Right: 0.000+/-0.000 χ^2/NDF : 442723.2/6

In: 0.000+/-0.000 χ^2/NDF : 275484.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 442723.2/6

asym_at1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.254 ± 0.144 $\chi^2/\text{NDF}: 0.0/1$

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

Right Out: -0.047 ± 0.099 $\chi^2/\text{NDF}: 3.6/4$

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

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

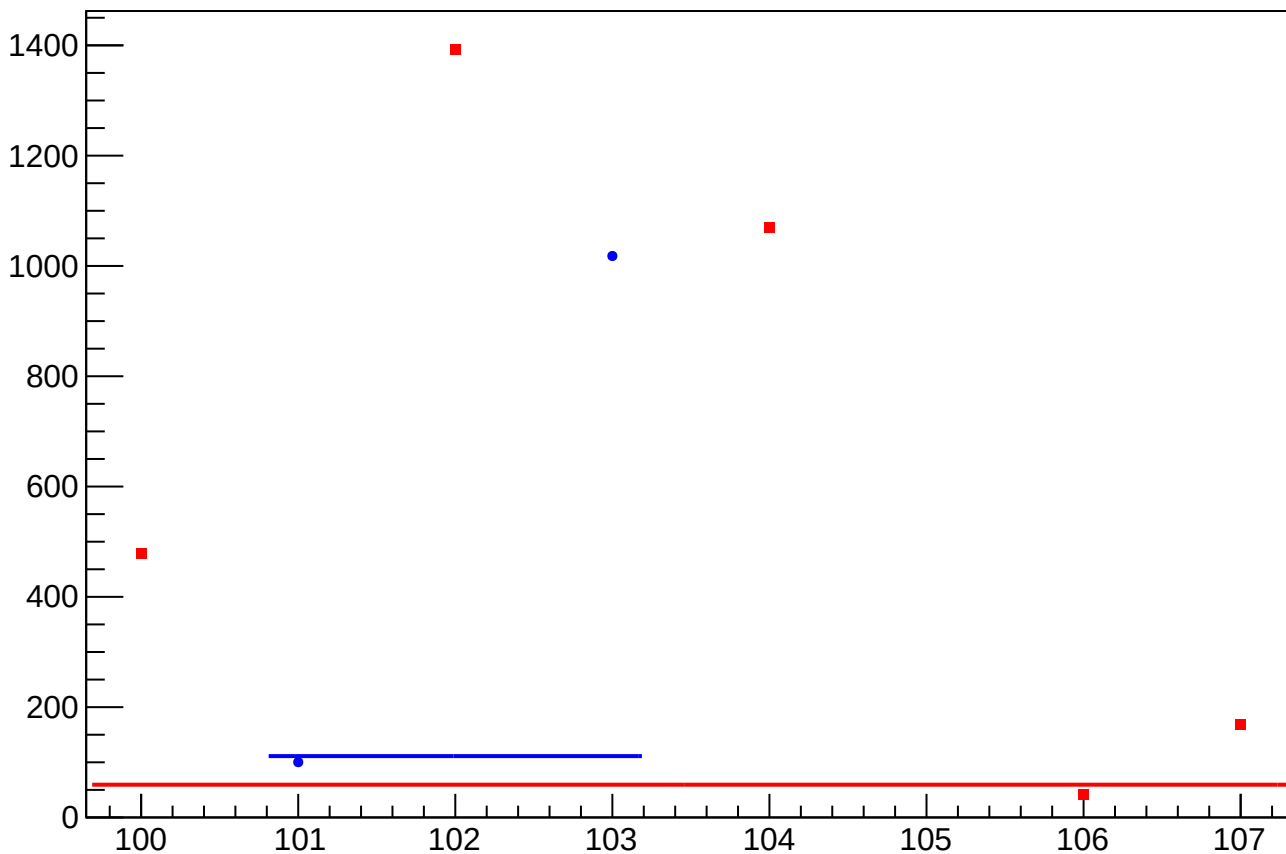
Right: -0.114 ± 0.082 $\chi^2/\text{NDF}: 5.0/6$

In: -0.254 ± 0.144 $\chi^2/\text{NDF}: 0.0/1$

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

All: -0.114 ± 0.082 $\chi^2/\text{NDF}: 5.0/6$

asym_at1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 111.238+/-0.102 χ^2/NDF : 959742.5/1

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

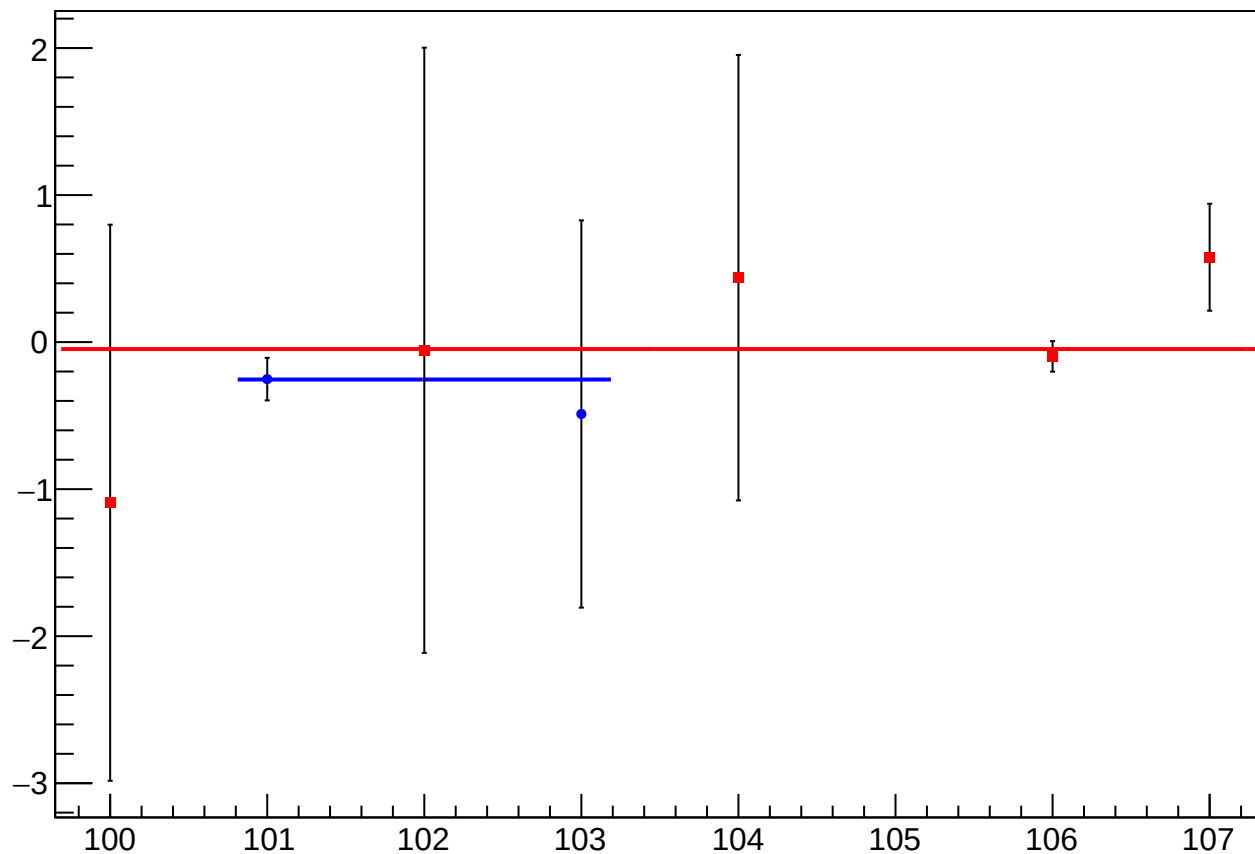
Right: 76.139+/-0.058 χ^2/NDF : 3209990.7/6

In: 111.238+/-0.102 χ^2/NDF : 959742.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.139+/-0.058 χ^2/NDF : 3209990.7/6

asym_at1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.254+/-0.144 χ^2/NDF : 0.0/1

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

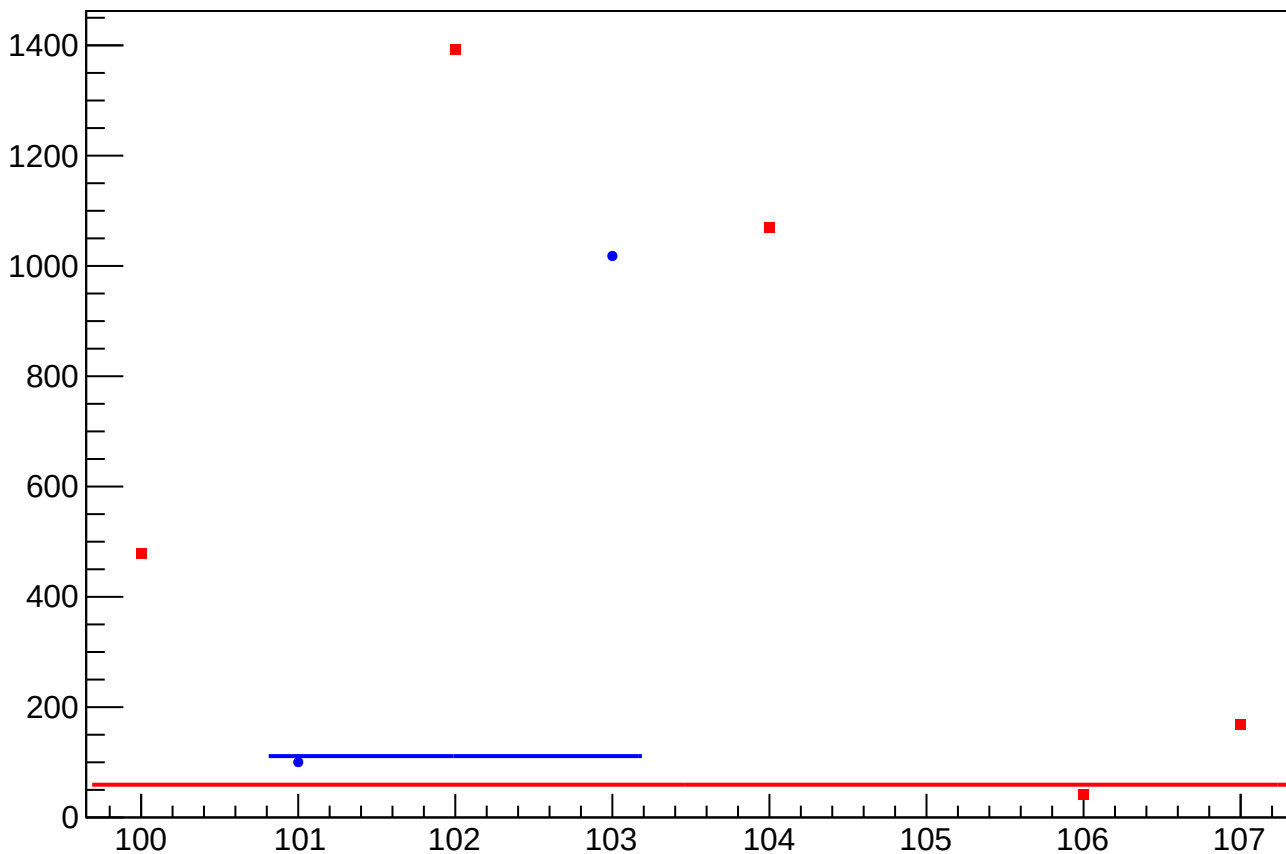
Right: -0.114+/-0.082 χ^2/NDF : 5.0/6

In: -0.254+/-0.144 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.114+/-0.082 χ^2/NDF : 5.0/6

asym_at1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 111.238+/-0.102 χ^2/NDF : 959742.5/1

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

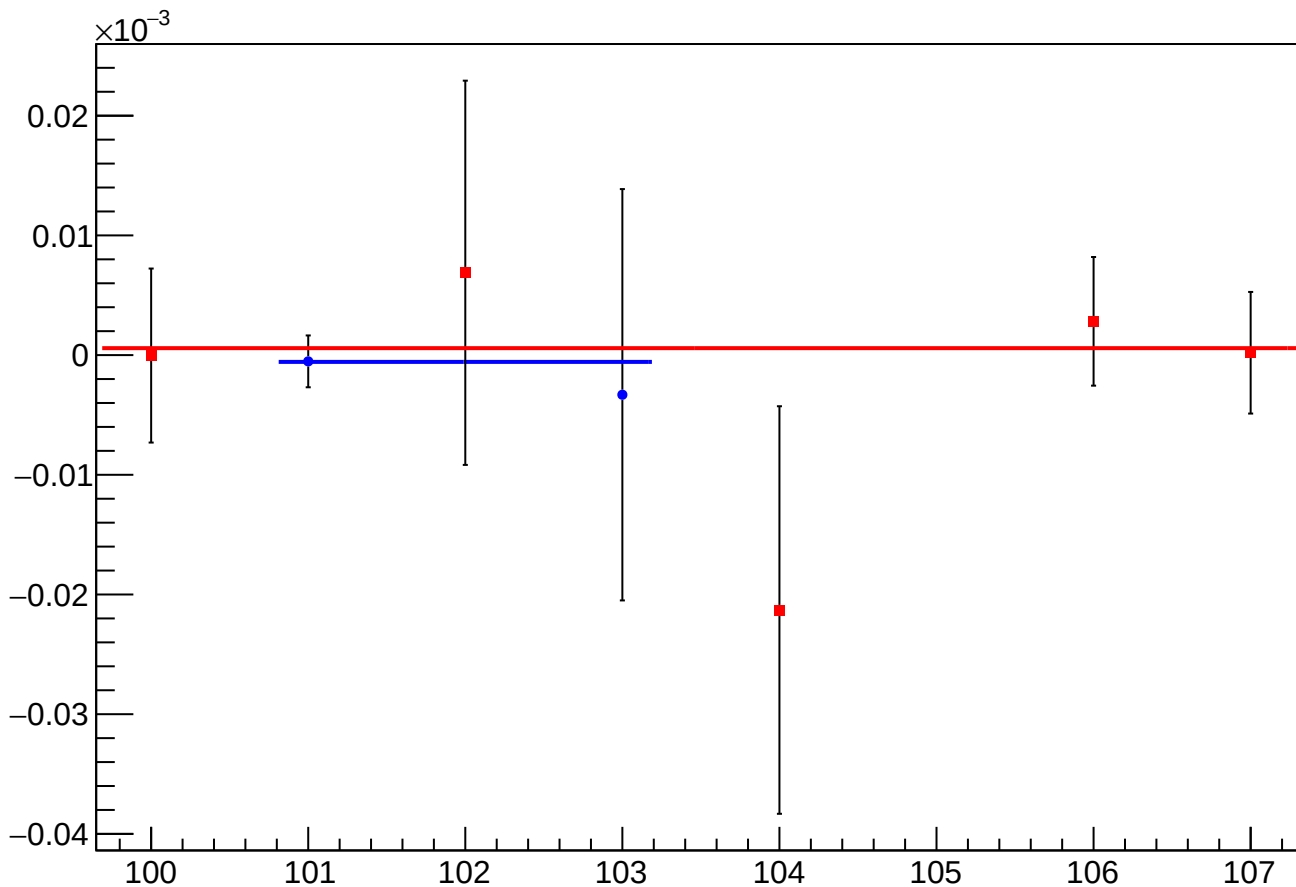
Right: 76.139+/-0.058 χ^2/NDF : 3209990.7/6

In: 111.238+/-0.102 χ^2/NDF : 959742.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.139+/-0.058 χ^2/NDF : 3209990.7/6

asym_at1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/1

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

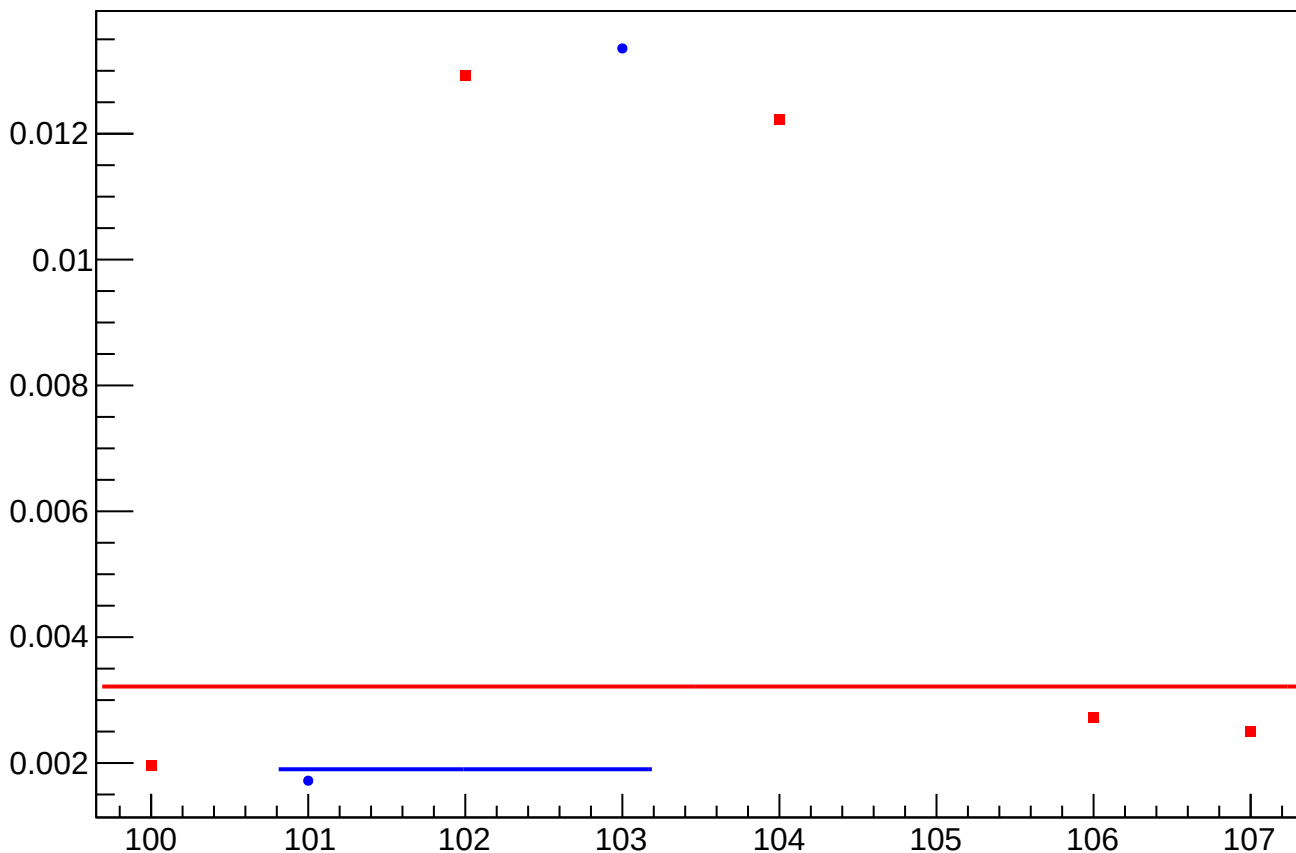
Right: -0.000+/-0.000 χ^2/NDF : 2.1/6

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 2.1/6

asym_at1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 902860.7/1

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

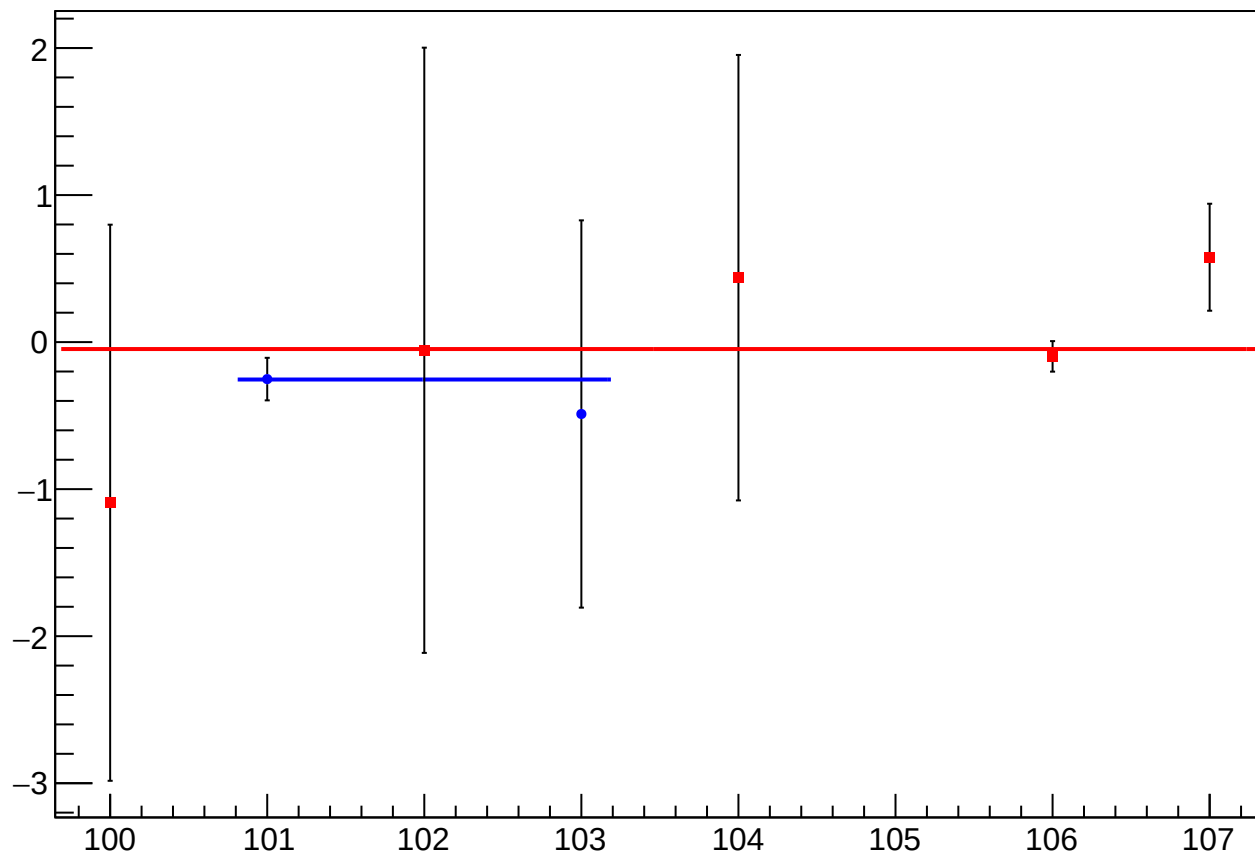
Right: 0.002+/-0.000 χ^2/NDF : 2547283.4/6

In: 0.002+/-0.000 χ^2/NDF : 902860.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2547283.4/6

asym_at1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.254 ± 0.144 $\chi^2/\text{NDF}: 0.0/1$

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

Right Out: -0.047 ± 0.099 $\chi^2/\text{NDF}: 3.6/4$

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

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

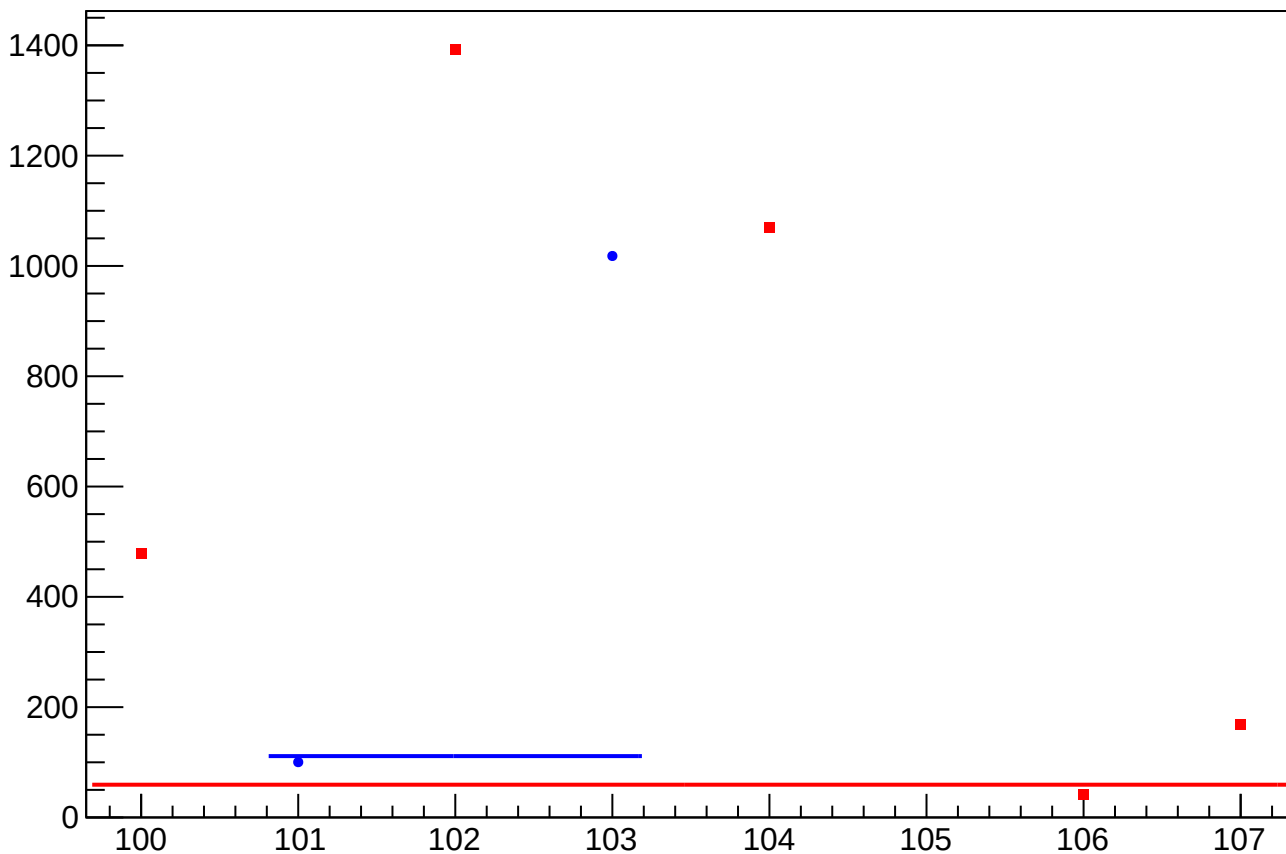
Right: -0.114 ± 0.082 $\chi^2/\text{NDF}: 5.0/6$

In: -0.254 ± 0.144 $\chi^2/\text{NDF}: 0.0/1$

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

All: -0.114 ± 0.082 $\chi^2/\text{NDF}: 5.0/6$

asym_at1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 111.237+/-0.102 χ^2/NDF : 959741.8/1

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

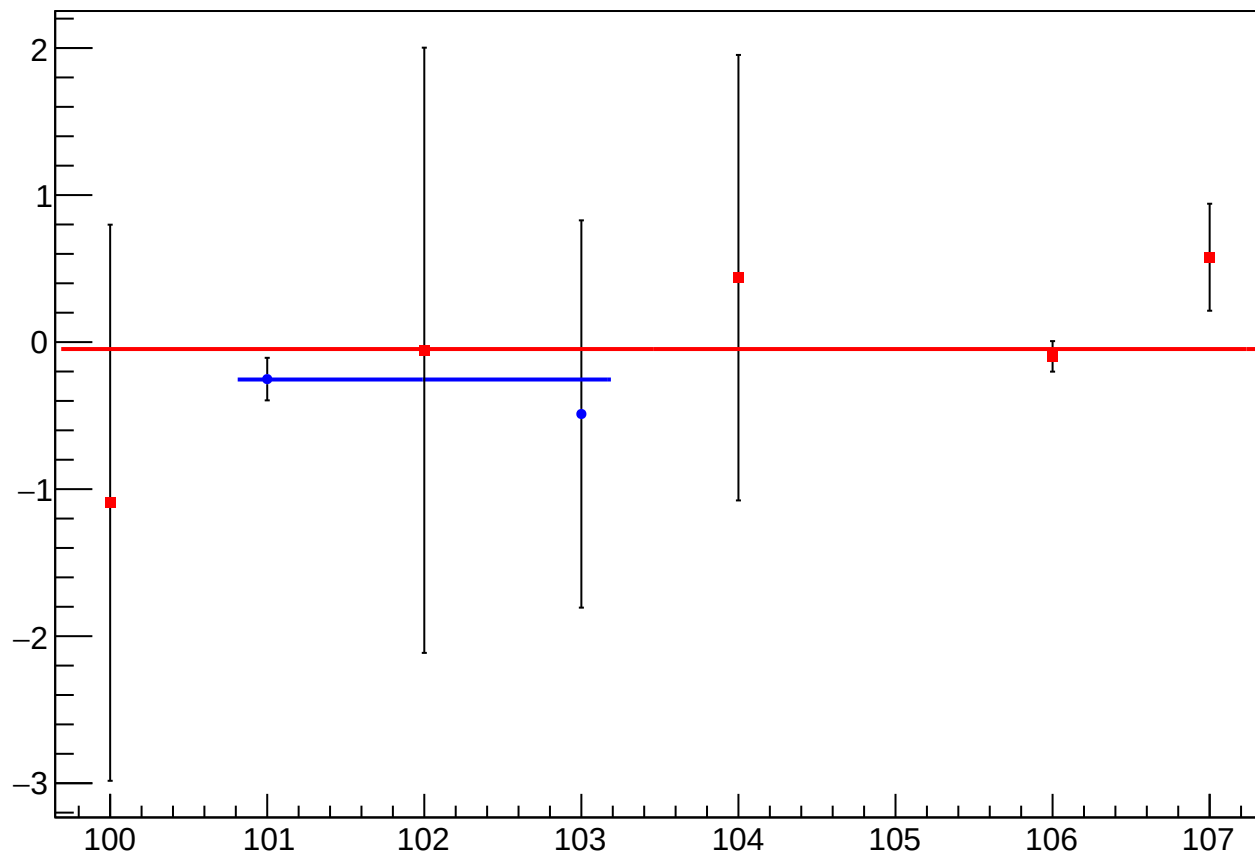
Right: 76.134+/-0.058 χ^2/NDF : 3210056.1/6

In: 111.237+/-0.102 χ^2/NDF : 959741.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.134+/-0.058 χ^2/NDF : 3210056.1/6

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.254 ± 0.144 $\chi^2/\text{NDF}: 0.0/1$

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

Right Out: -0.047 ± 0.099 $\chi^2/\text{NDF}: 3.6/4$

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

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

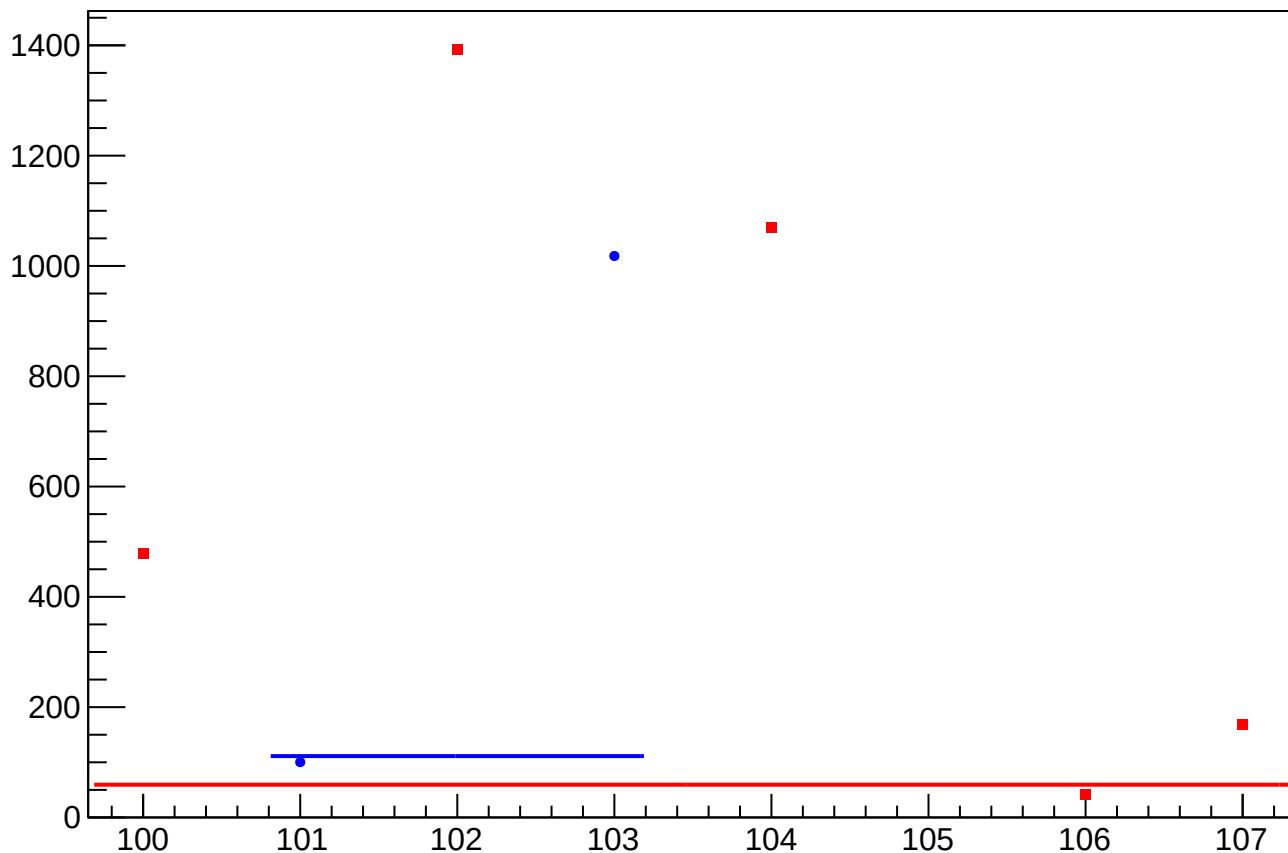
Right: -0.114 ± 0.082 $\chi^2/\text{NDF}: 5.0/6$

In: -0.254 ± 0.144 $\chi^2/\text{NDF}: 0.0/1$

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

All: -0.114 ± 0.082 $\chi^2/\text{NDF}: 5.0/6$

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 111.237+/-0.102 χ^2/NDF : 959741.8/1

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

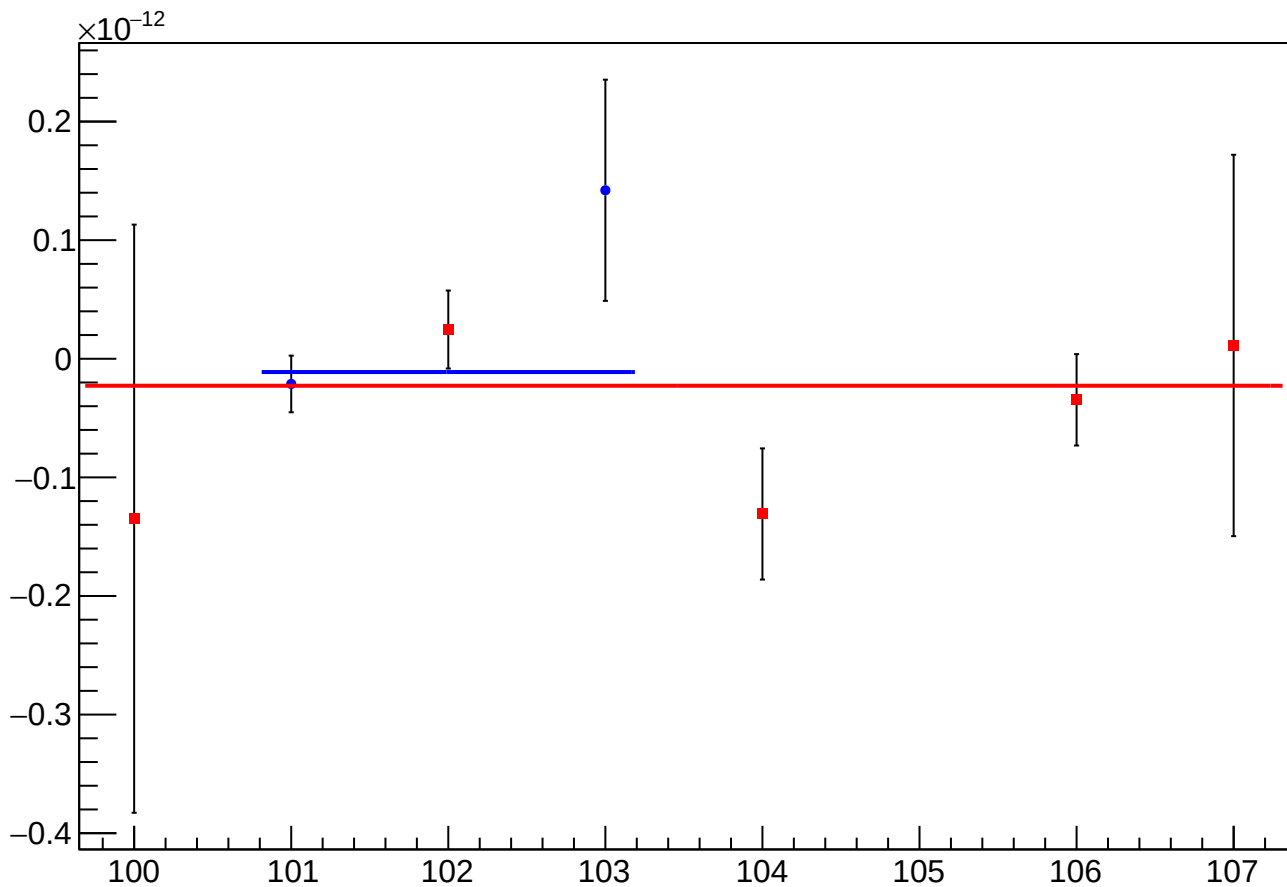
Right: 76.134+/-0.058 χ^2/NDF : 3210056.1/6

In: 111.237+/-0.102 χ^2/NDF : 959741.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.134+/-0.058 χ^2/NDF : 3210056.1/6

asym_at1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.9/1

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

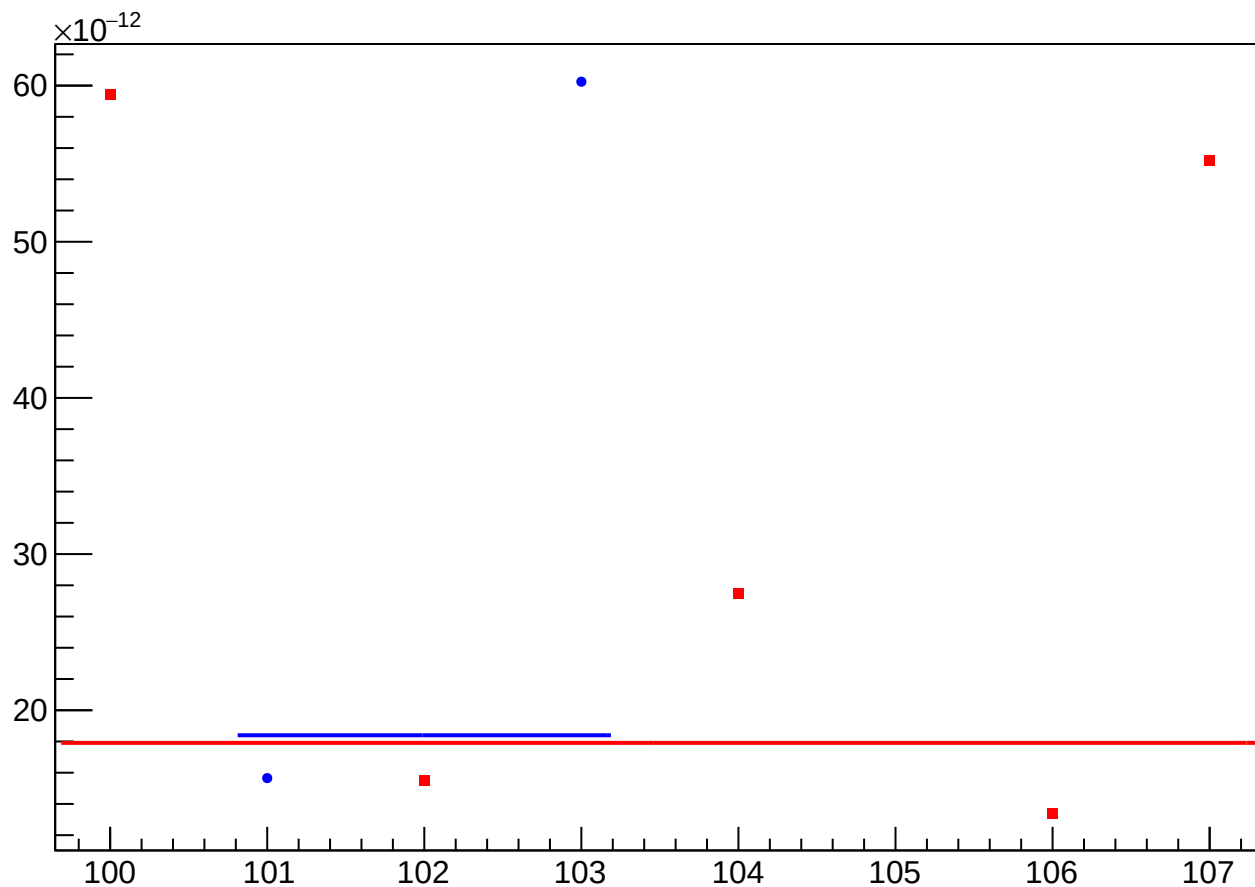
Right: -0.000+/-0.000 χ^2/NDF : 9.3/6

In: -0.000+/-0.000 χ^2/NDF : 2.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.3/6

asym_at1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 429277.4/1

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

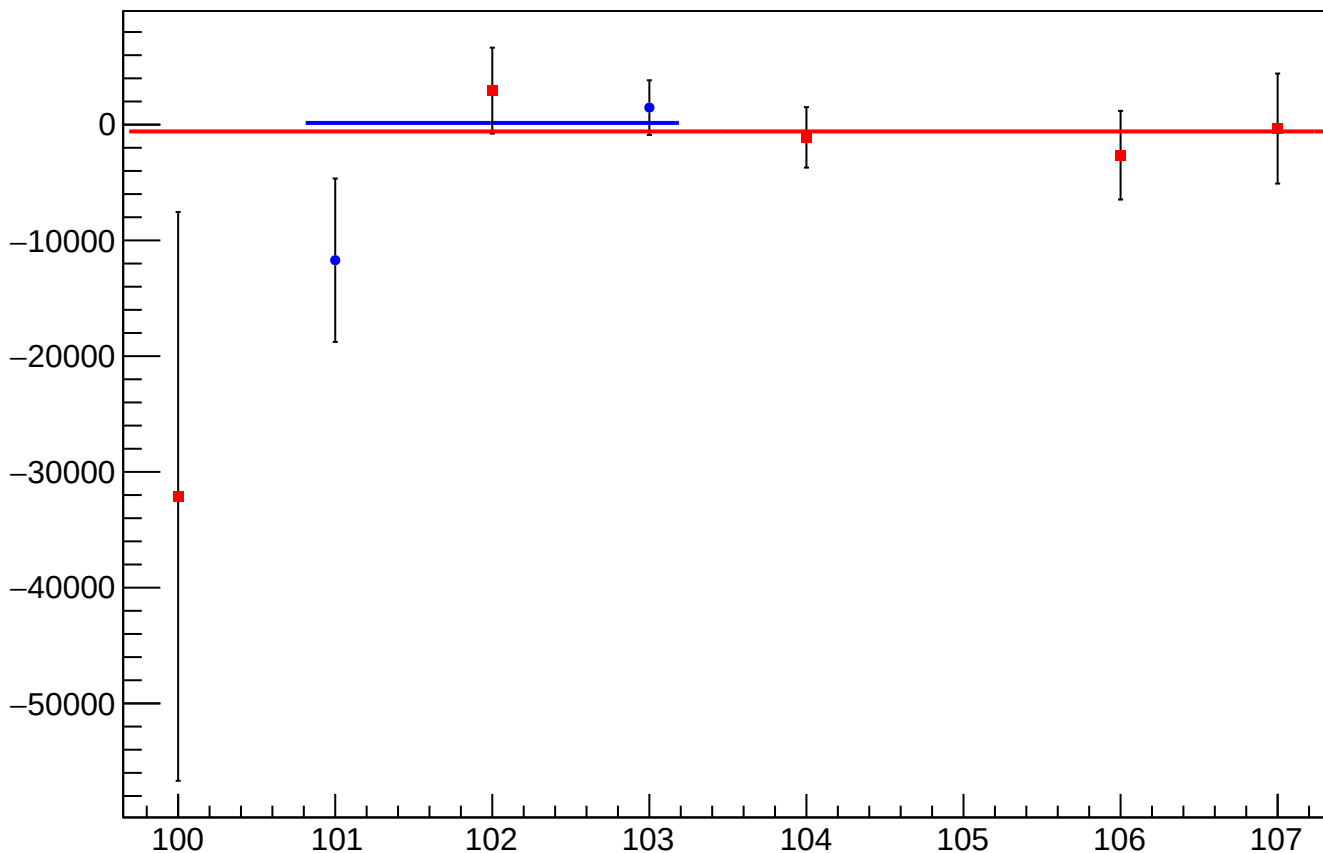
Right: 0.000+/-0.000 χ^2/NDF : 691588.5/6

In: 0.000+/-0.000 χ^2/NDF : 429277.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 691588.5/6

reg_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 148.545+/-2236.917 χ^2/NDF : 3.1/1

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

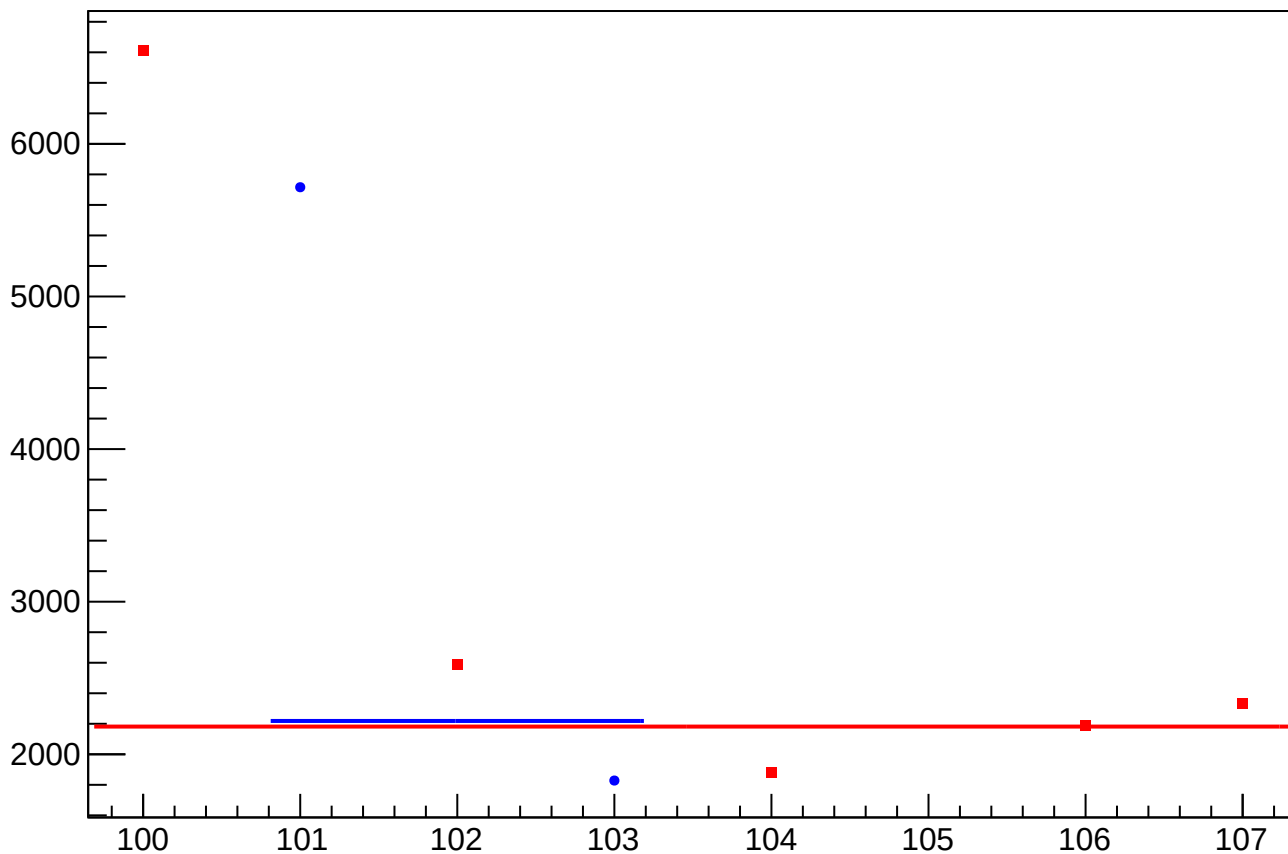
Right: -311.014+/-1369.794 χ^2/NDF : 6.1/6

In: 148.545+/-2236.917 χ^2/NDF : 3.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -311.014+/-1369.794 χ^2/NDF : 6.1/6

reg_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2218.500+/-1.582 χ^2/NDF : 545817.3/1

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

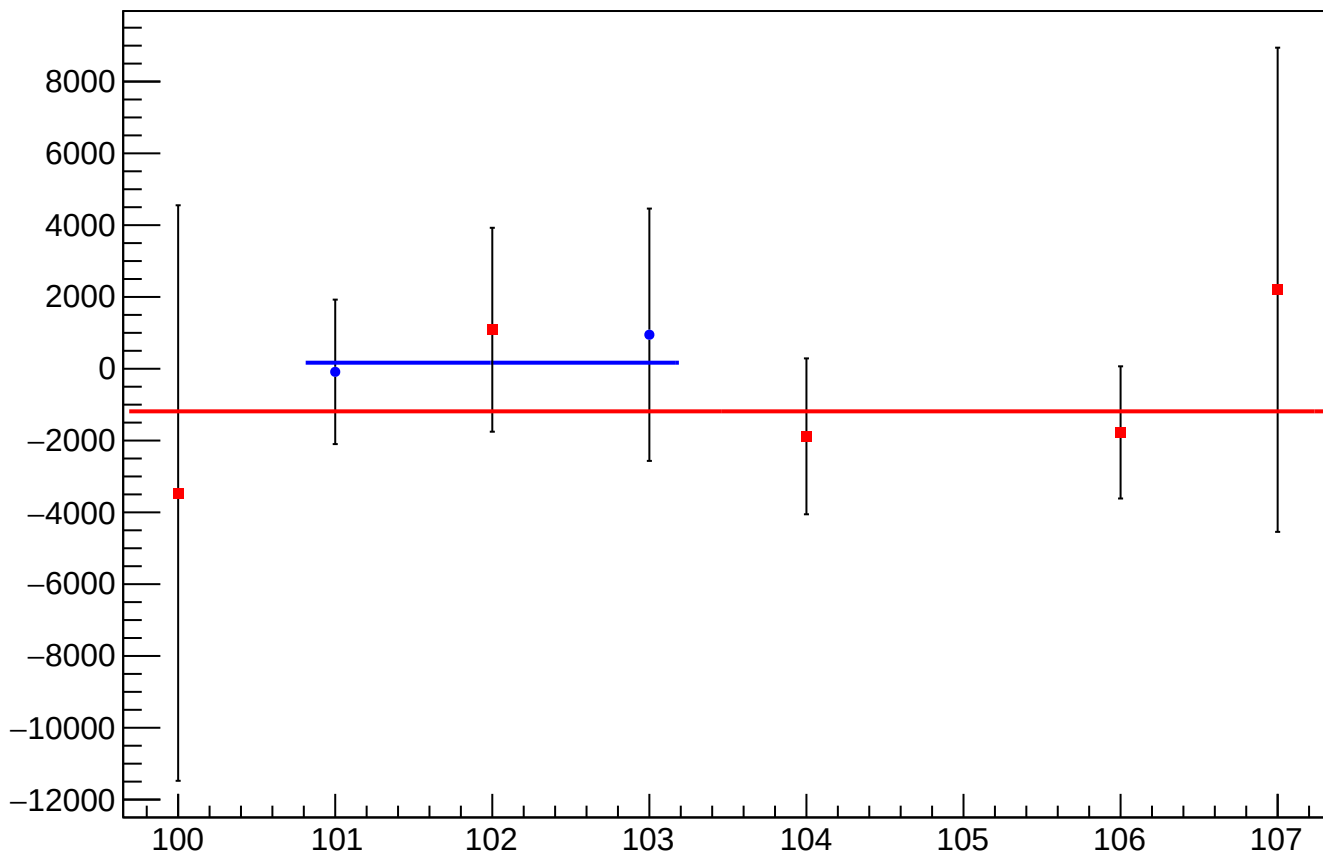
Right: 2195.493+/-0.969 χ^2/NDF : 664460.6/6

In: 2218.500+/-1.582 χ^2/NDF : 545817.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2195.493+/-0.969 χ^2/NDF : 664460.6/6

asym_at1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 168.804 ± 1746.105 $\chi^2/\text{NDF}: 0.1/1$

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

Right Out: -1186.331 ± 1222.870 $\chi^2/\text{NDF}: 1.2/4$

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

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

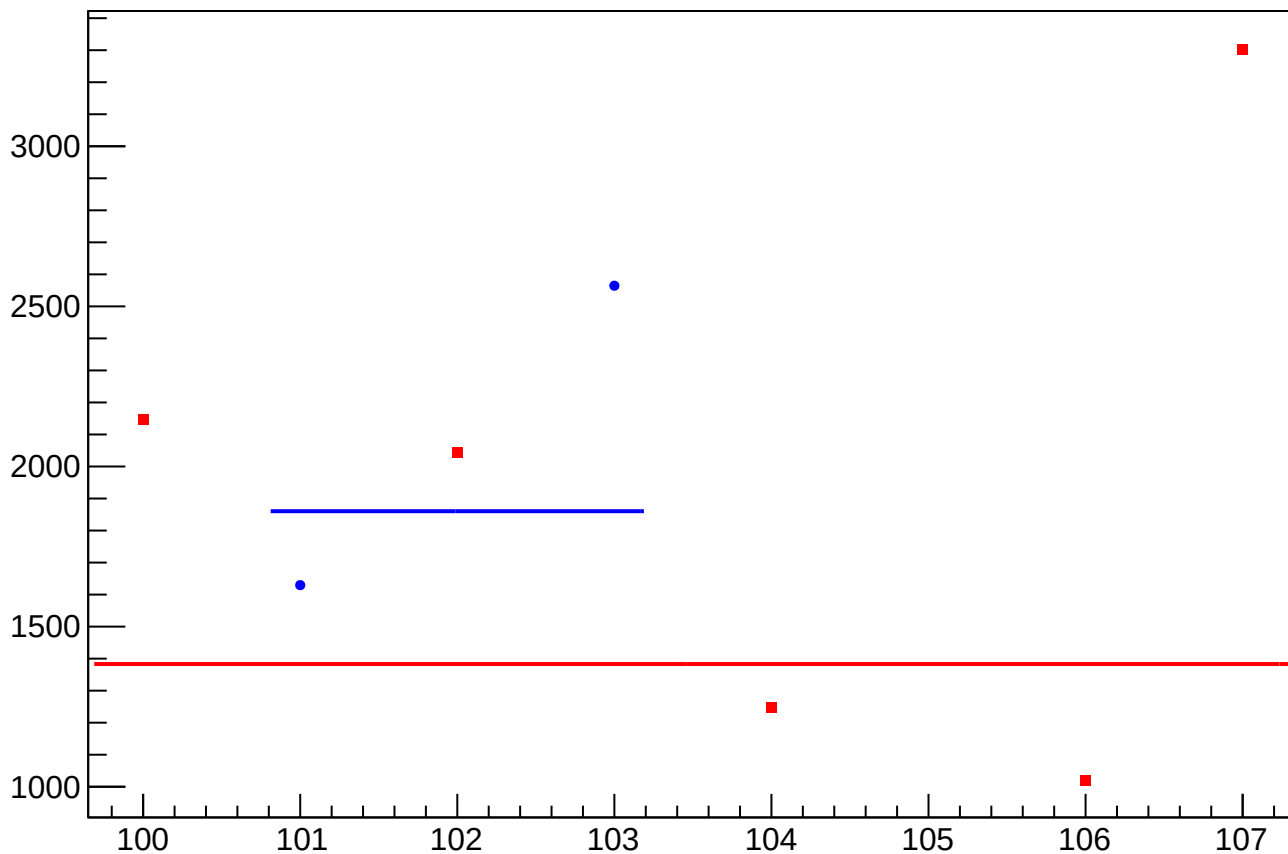
Right: -740.390 ± 1001.654 $\chi^2/\text{NDF}: 1.6/6$

In: 168.804 ± 1746.105 $\chi^2/\text{NDF}: 0.1/1$

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

All: -740.390 ± 1001.654 $\chi^2/\text{NDF}: 1.6/6$

asym_at1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1860.402+/-1.235 χ^2/NDF : 106631.1/1

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

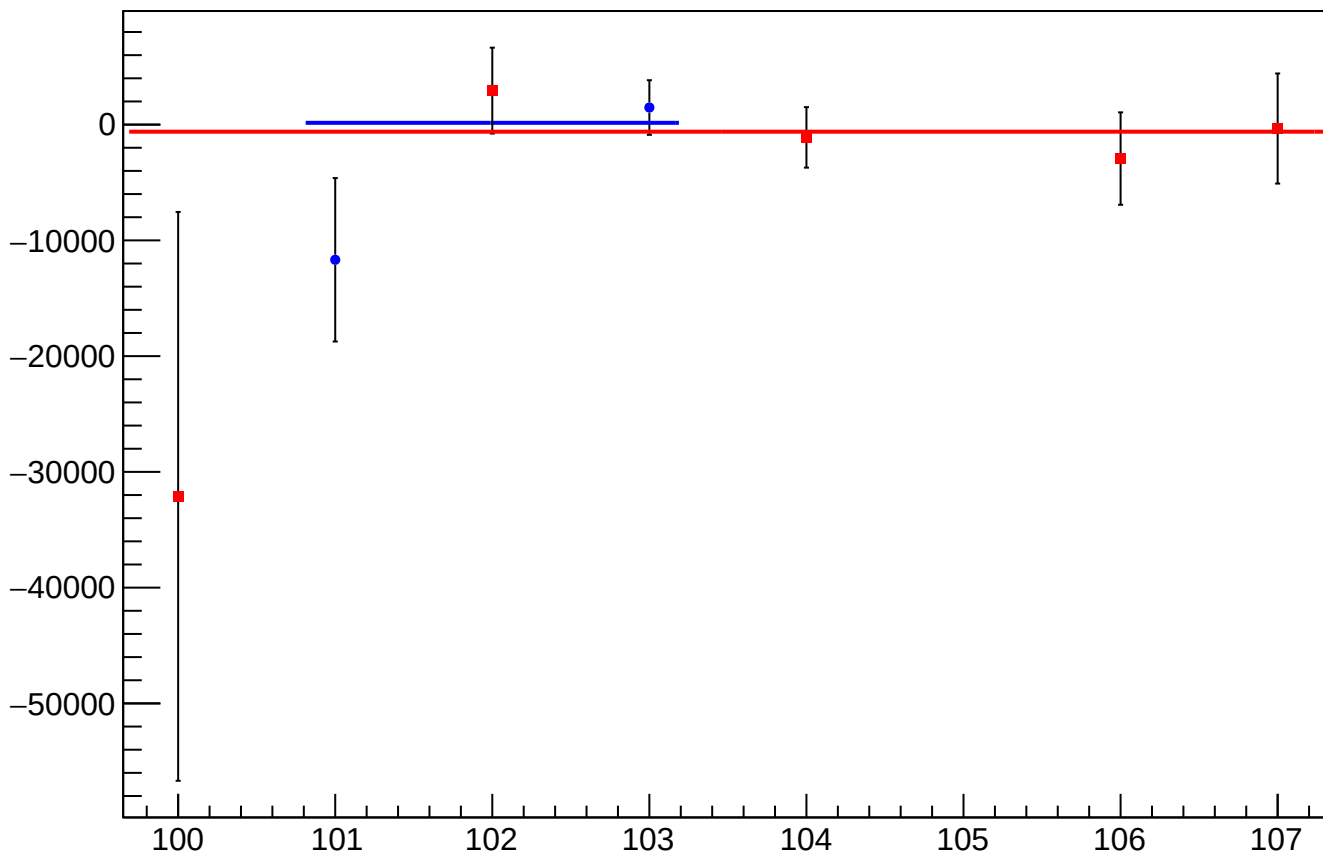
Right: 1540.220+/-0.708 χ^2/NDF : 580972.5/6

In: 1860.402+/-1.235 χ^2/NDF : 106631.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1540.220+/-0.708 χ^2/NDF : 580972.5/6

cor_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 154.839+/-2236.921 χ^2 /NDF: 3.1/1

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

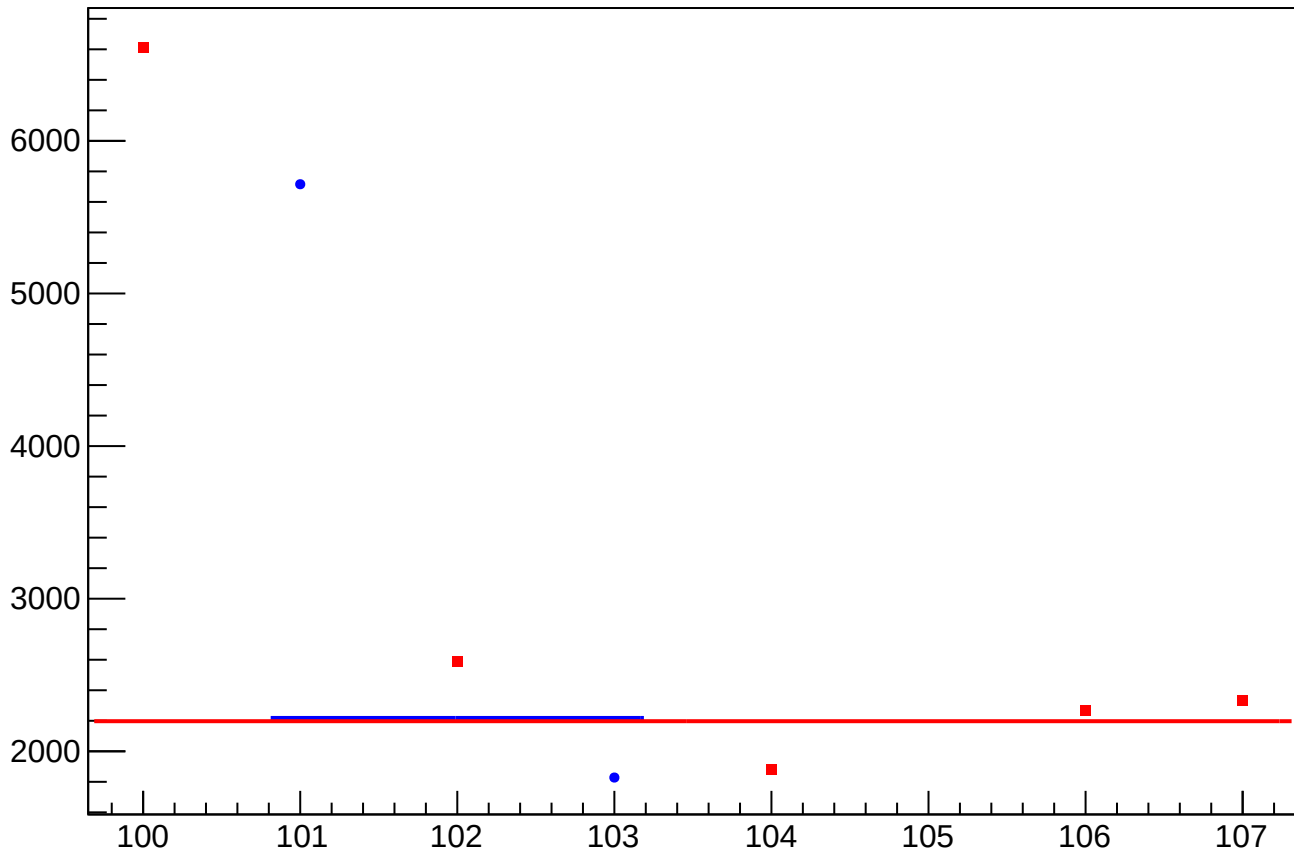
Right: -321.280+/-1376.756 χ^2 /NDF: 6.1/6

In: 154.839+/-2236.921 χ^2 /NDF:3.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -321.280+/-1376.756 χ^2 /NDF: 6.1/6

cor_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2218.501+/-1.582 χ^2/NDF : 545817.1/1

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

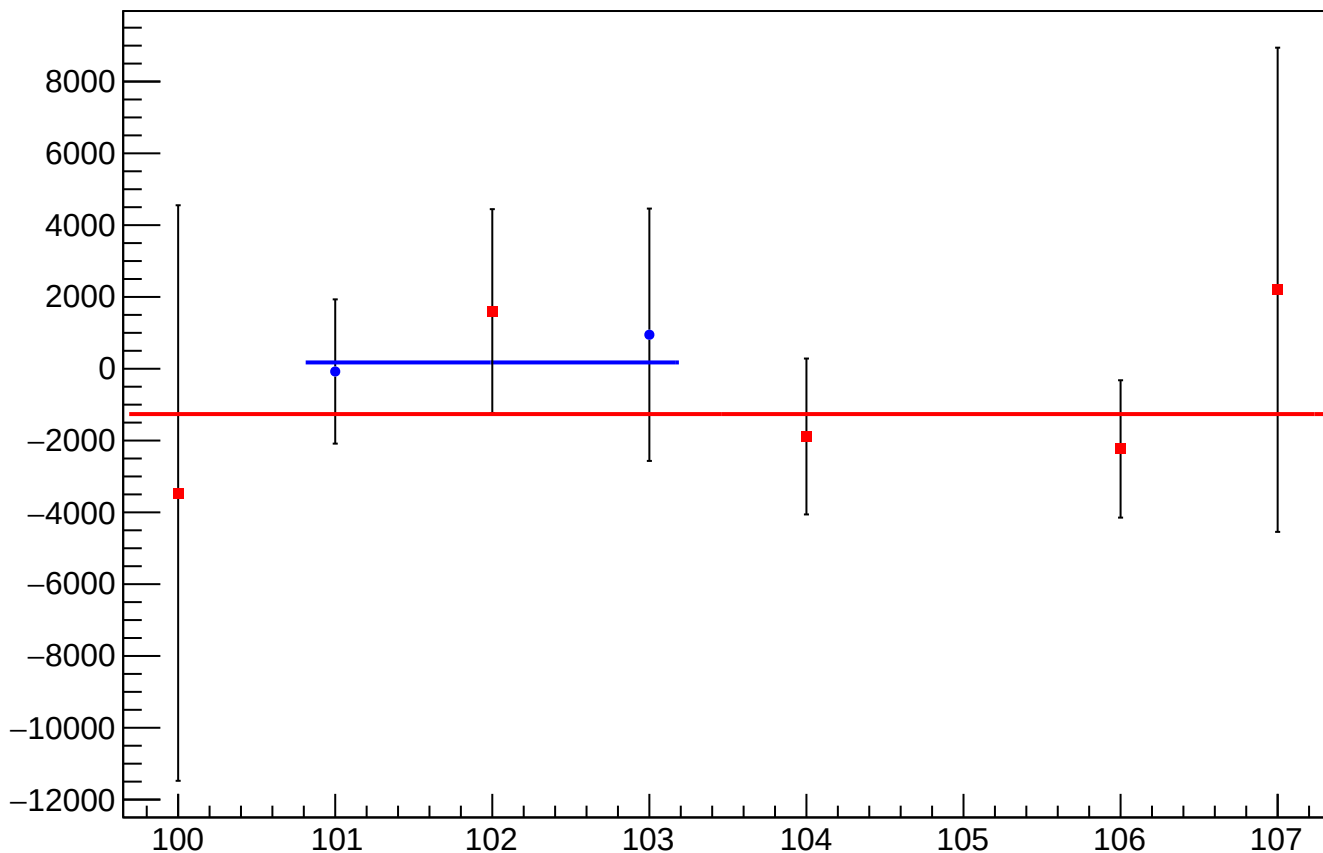
Right: 2205.320+/-0.974 χ^2/NDF : 665030.8/6

In: 2218.501+/-1.582 χ^2/NDF : 545817.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2205.320+/-0.974 χ^2/NDF : 665030.8/6

asym_at1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 175.655+/-1744.190 χ^2/NDF : 0.1/1

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

Right Out: -1262.514+/-1243.231 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

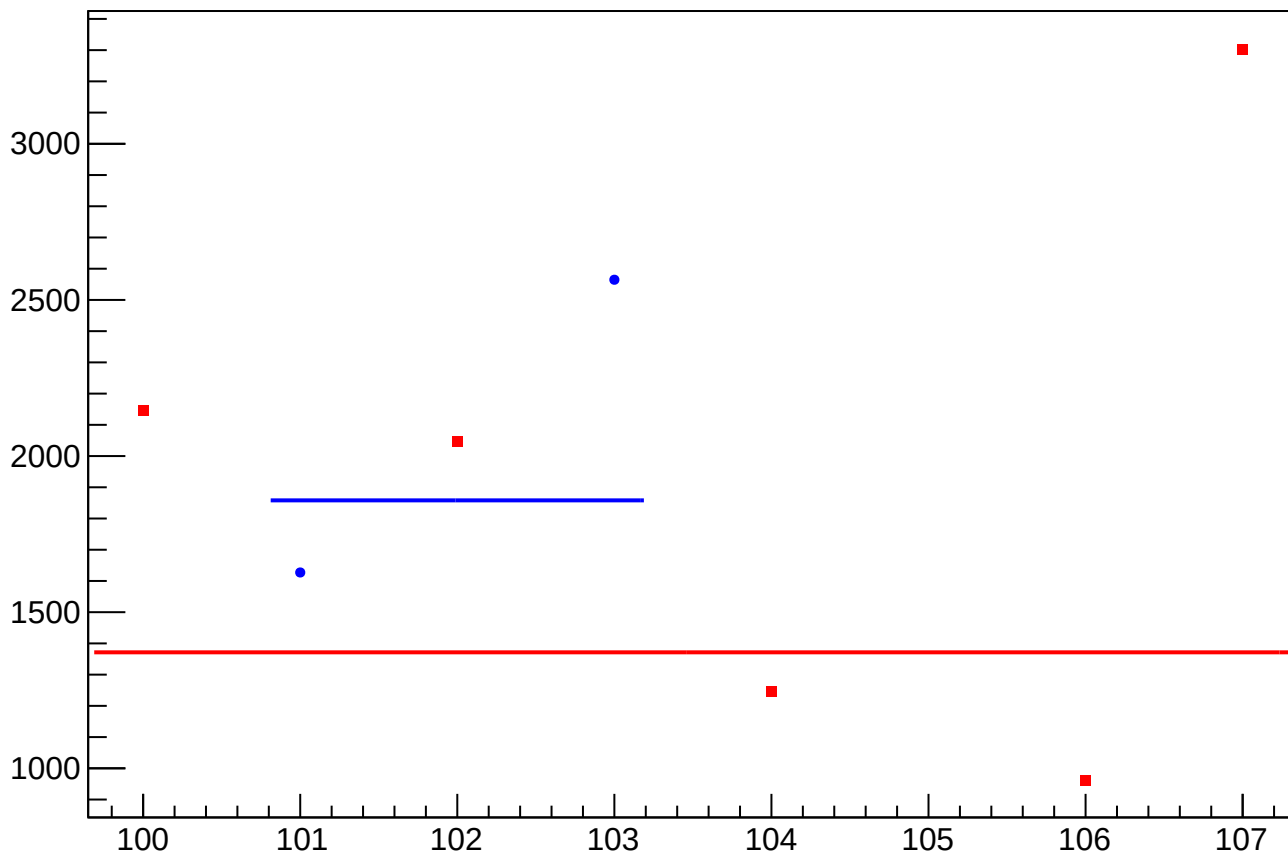
Right: -777.999+/-1012.377 χ^2/NDF : 2.2/6

In: 175.655+/-1744.190 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -777.999+/-1012.377 χ^2/NDF : 2.2/6

asym_at1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1858.111+/-1.233 χ^2/NDF : 107274.1/1

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

Right Out: 1371.436+/-0.879 χ^2/NDF : 394466.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

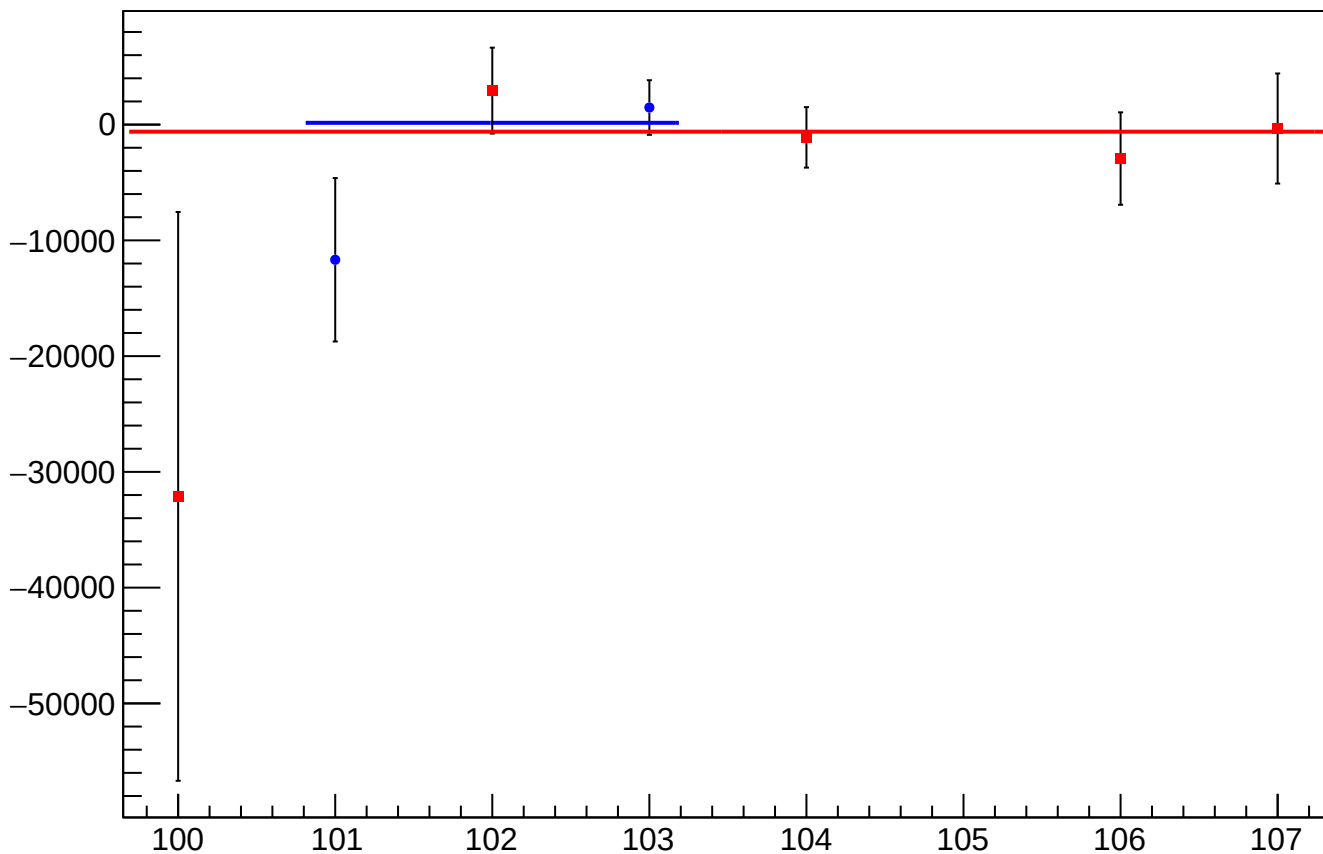
Right: 1535.395+/-0.716 χ^2/NDF : 604993.6/6

In: 1858.111+/-1.233 χ^2/NDF : 107274.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1535.395+/-0.716 χ^2/NDF : 604993.6/6

eigen_cor_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 154.839+/-2236.921 χ^2 /NDF: 3.1/1

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

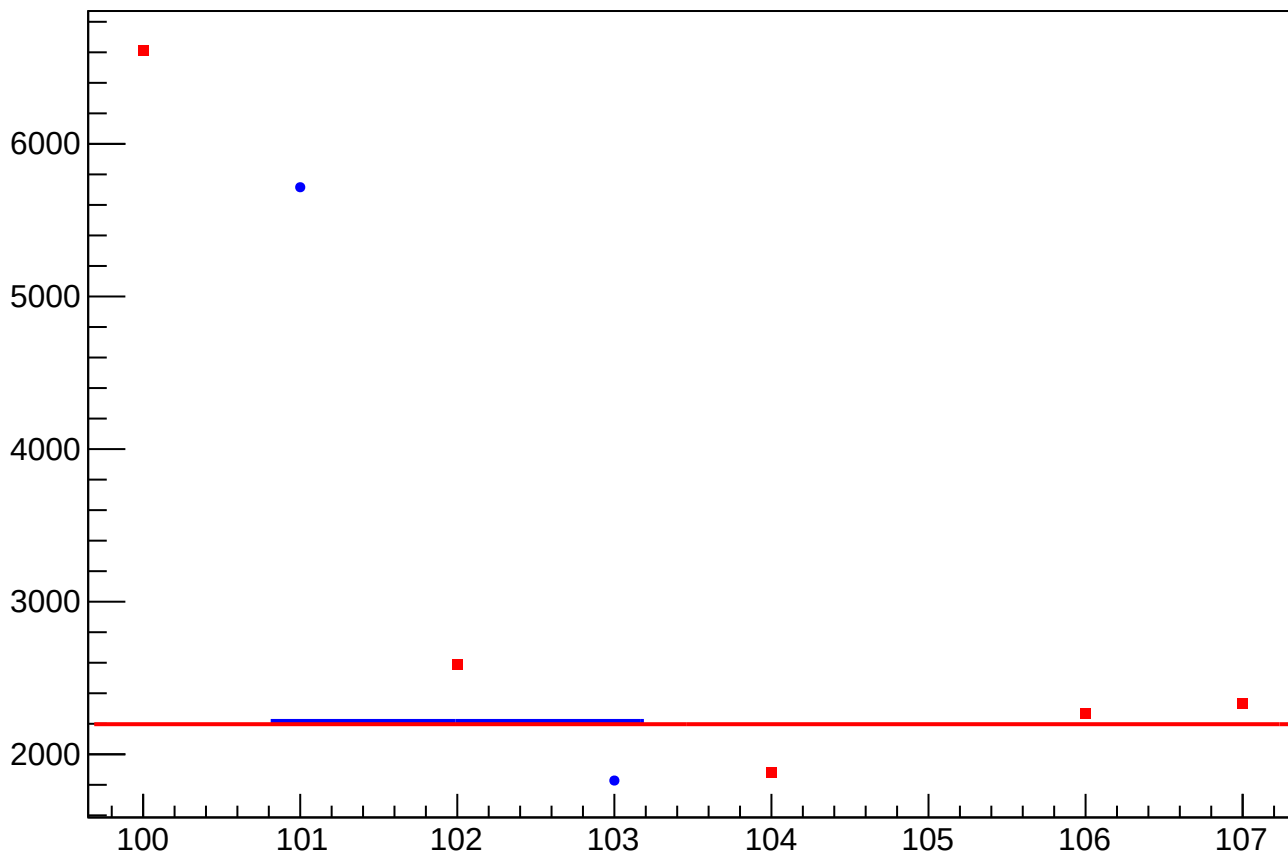
Right: -321.280+/-1376.756 χ^2 /NDF: 6.1/6

In: 154.839+/-2236.921 χ^2 /NDF:3.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -321.280+/-1376.756 χ^2 /NDF: 6.1/6

eigen_cor_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2218.501+/-1.582 χ^2/NDF : 545817.1/1

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

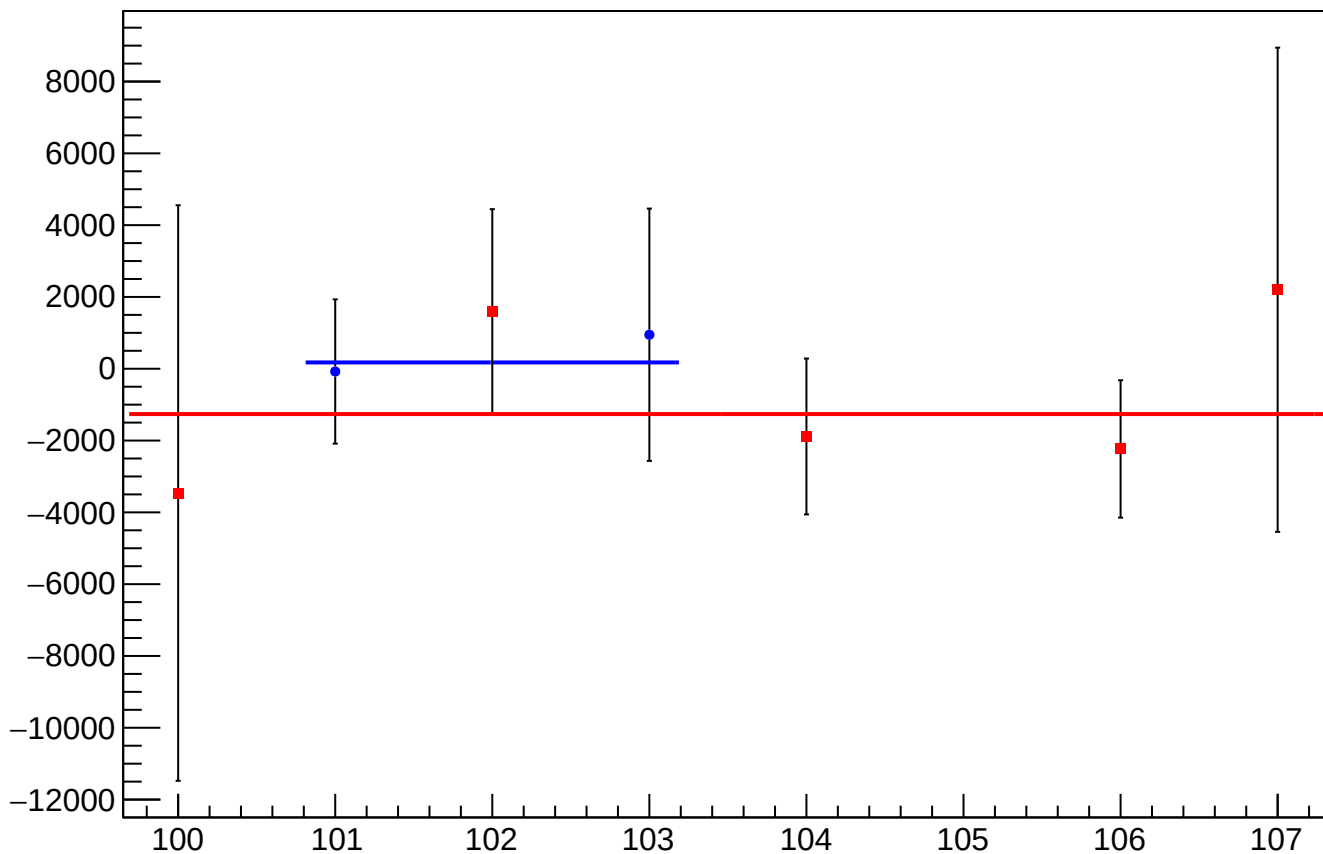
Right: 2205.320+/-0.974 χ^2/NDF : 665030.8/6

In: 2218.501+/-1.582 χ^2/NDF : 545817.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2205.320+/-0.974 χ^2/NDF : 665030.8/6

asym_at1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 175.655 $\pm$ 1744.190 χ^2 /NDF: 0.1/1

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

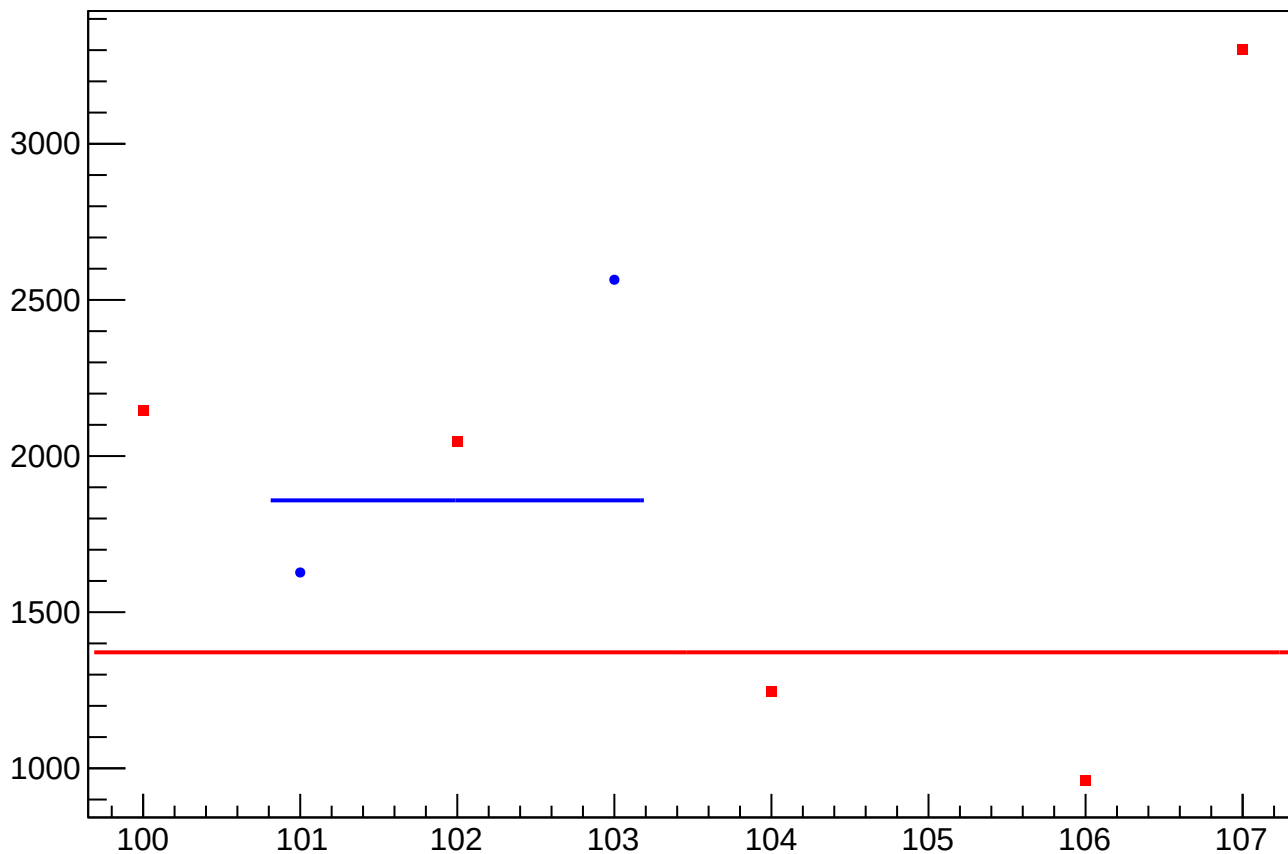
Right: -777.999 $\pm$ 1012.377 χ^2 /NDF: 2.2/6

In: 175.655 $\pm$ 1744.190 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -777.999 $\pm$ 1012.377 χ^2 /NDF: 2.2/6

asym_at1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1858.111+/-1.233 χ^2/NDF : 107274.1/1

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

Right Out: 1371.436+/-0.879 χ^2/NDF : 394466.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

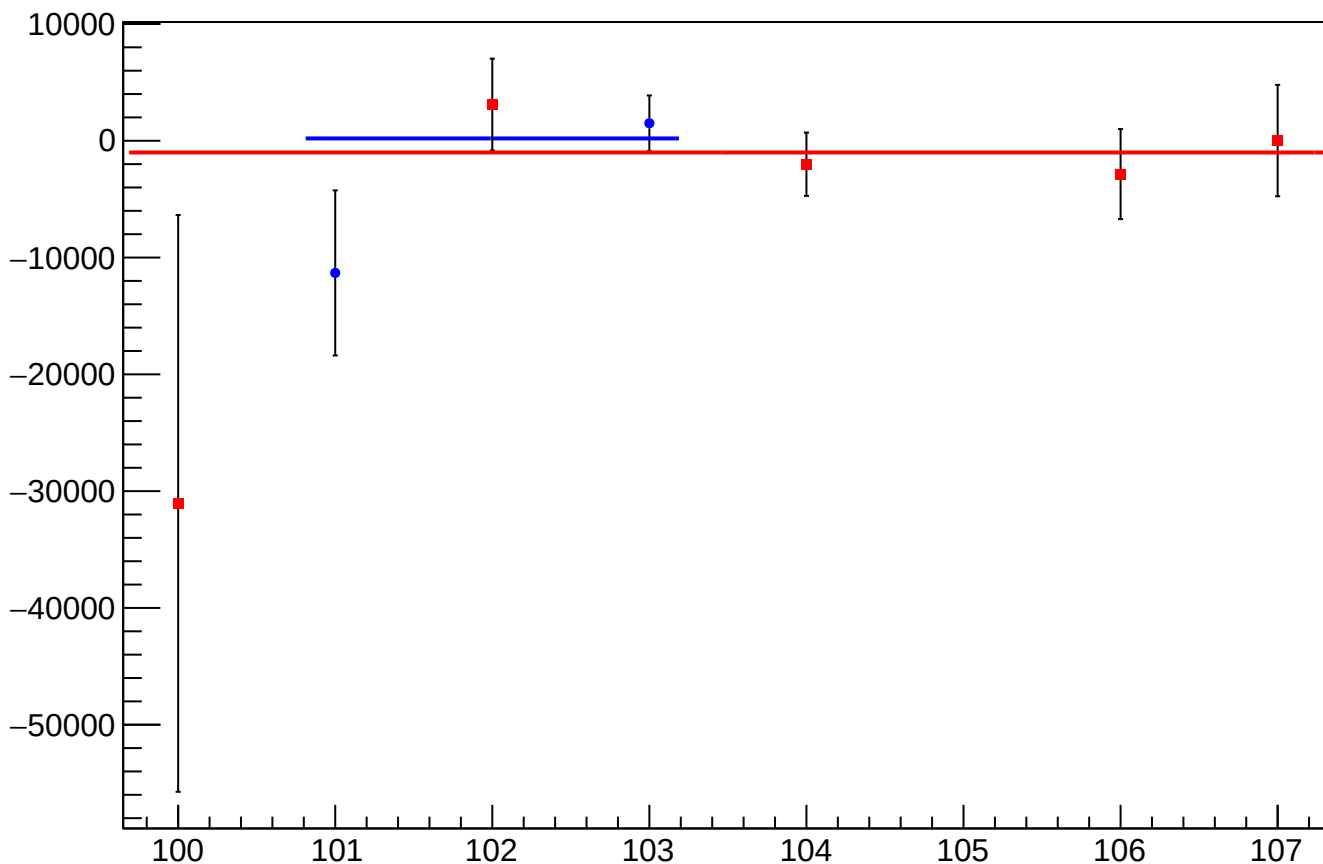
Right: 1535.395+/-0.716 χ^2/NDF : 604993.6/6

In: 1858.111+/-1.233 χ^2/NDF : 107274.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1535.395+/-0.716 χ^2/NDF : 604993.6/6

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 198.911+/-2252.654 χ^2/NDF : 3.0/1

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

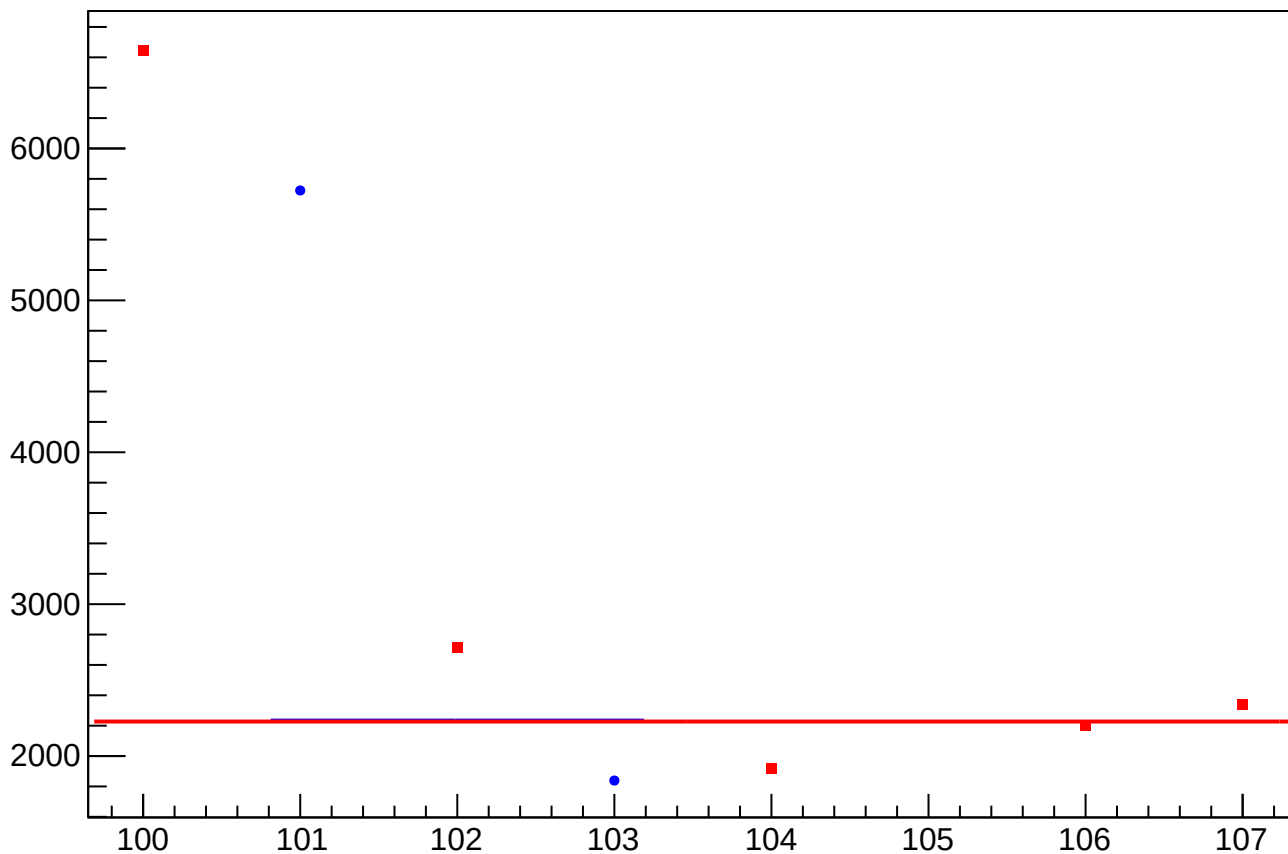
Right: -539.658+/-1398.920 χ^2/NDF : 6.1/6

In: 198.911+/-2252.654 χ^2/NDF : 3.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -539.658+/-1398.920 χ^2/NDF : 6.1/6

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2233.451+/-1.593 χ^2/NDF : 542769.9/1

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

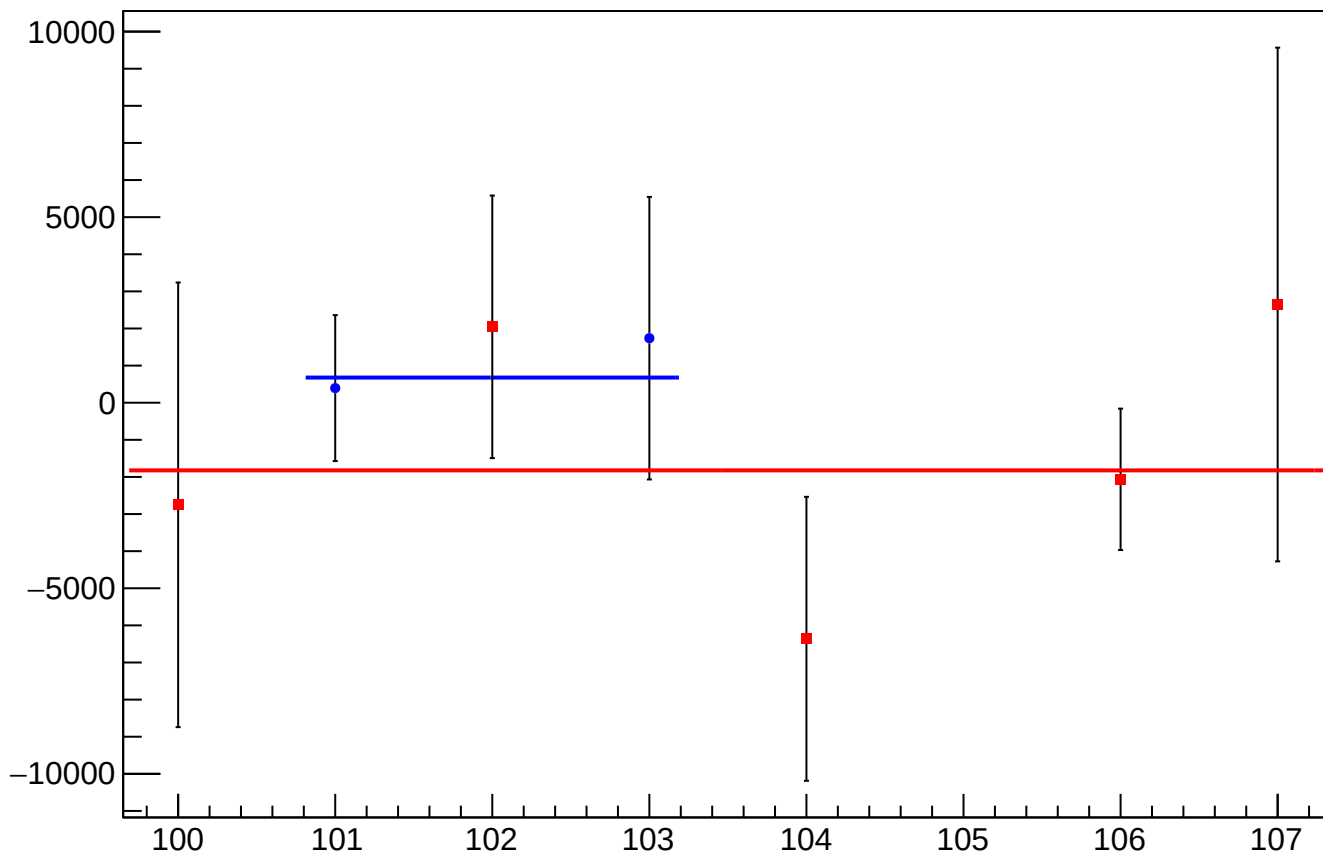
Right: 2229.716+/-0.989 χ^2/NDF : 664226.5/6

In: 2233.451+/-1.593 χ^2/NDF : 542769.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2229.716+/-0.989 χ^2/NDF : 664226.5/6

asym_at1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 677.495+/-1747.290 χ^2/NDF : 0.1/1

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

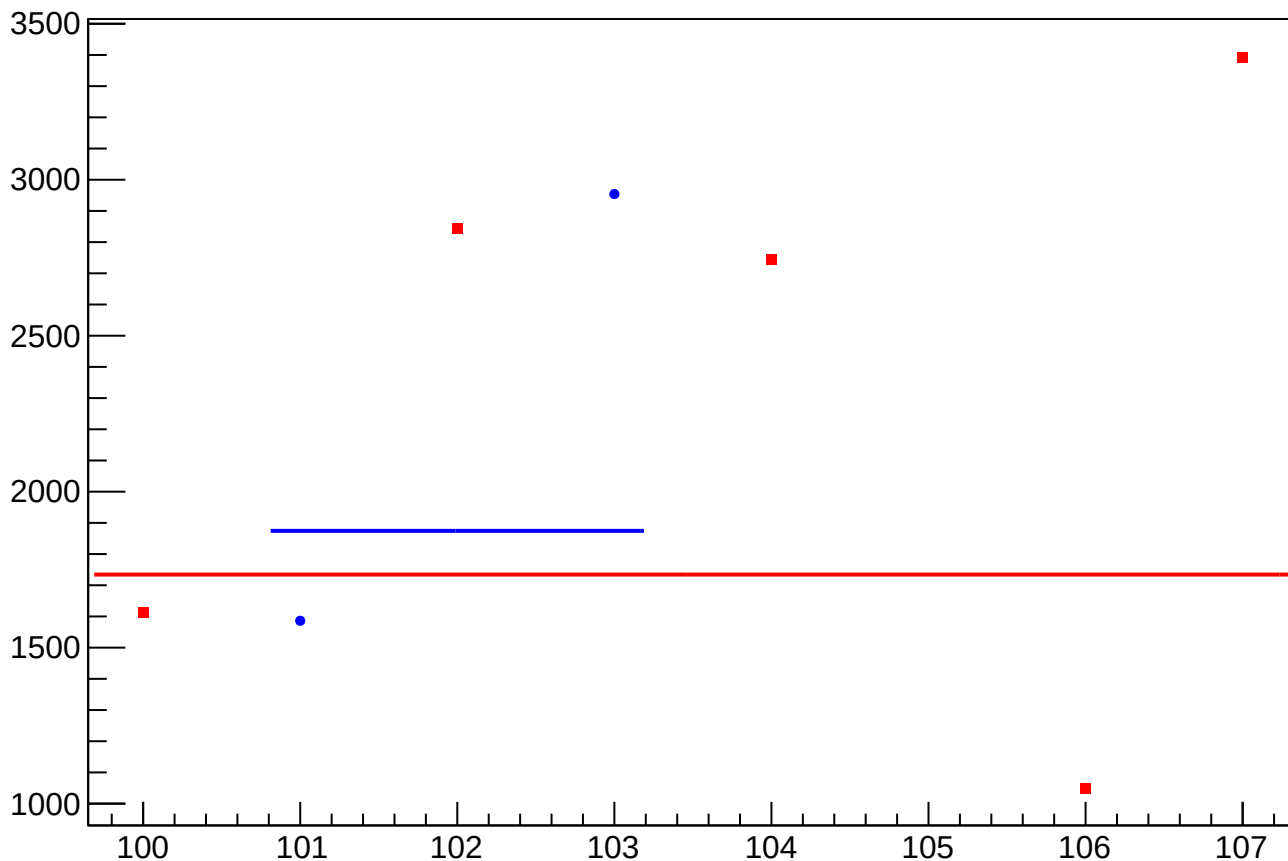
Right: -799.540+/-1117.990 χ^2/NDF : 4.4/6

In: 677.495+/-1747.290 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -799.540+/-1117.990 χ^2/NDF : 4.4/6

asym_at1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1874.354+/-1.236 χ^2/NDF : 203830.1/1

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

Right Out: 1734.267+/-1.029 χ^2/NDF : 710651.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

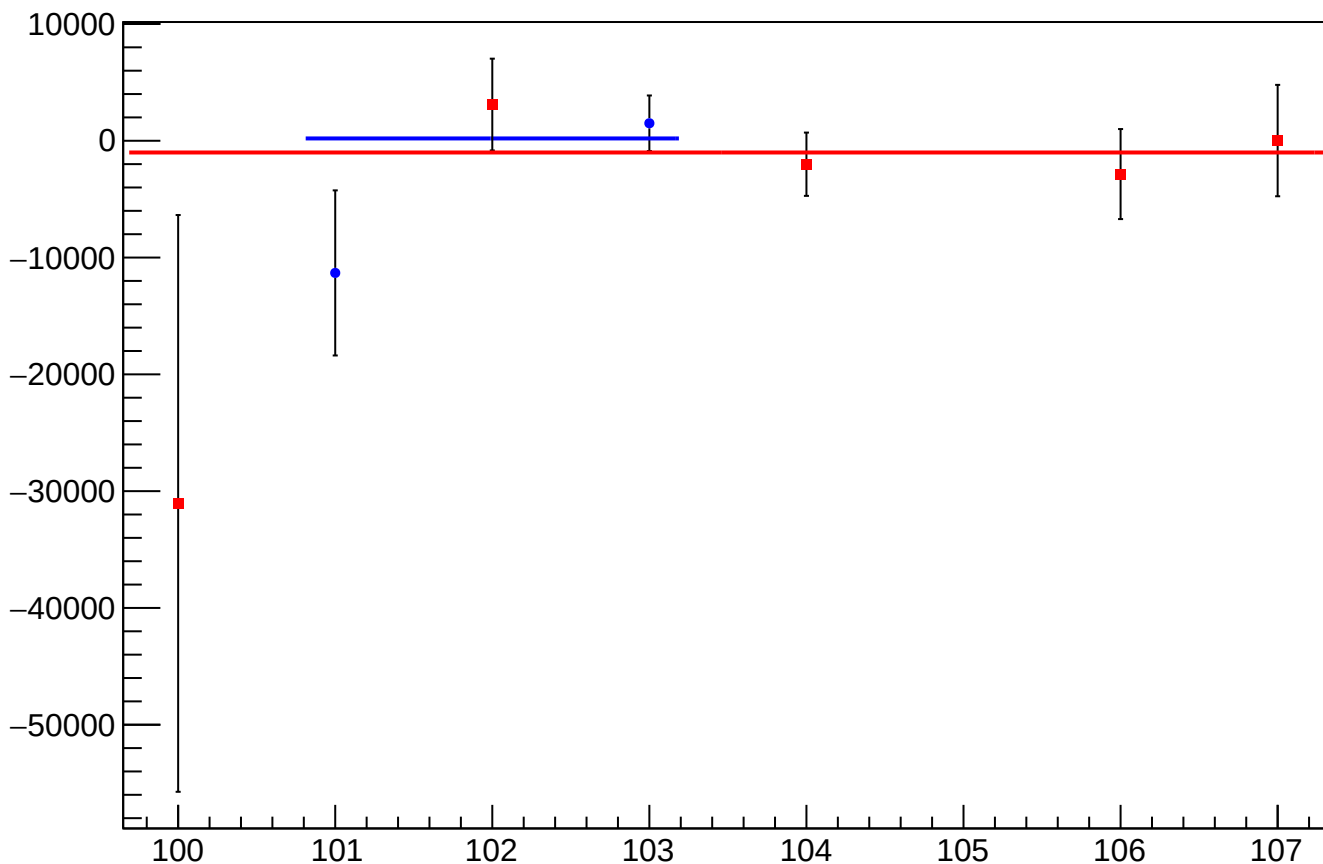
Right: 1791.618+/-0.791 χ^2/NDF : 922073.7/6

In: 1874.354+/-1.236 χ^2/NDF : 203830.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1791.618+/-0.791 χ^2/NDF : 922073.7/6

eigen_dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 198.907+/-2252.654 χ^2/NDF : 3.0/1

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

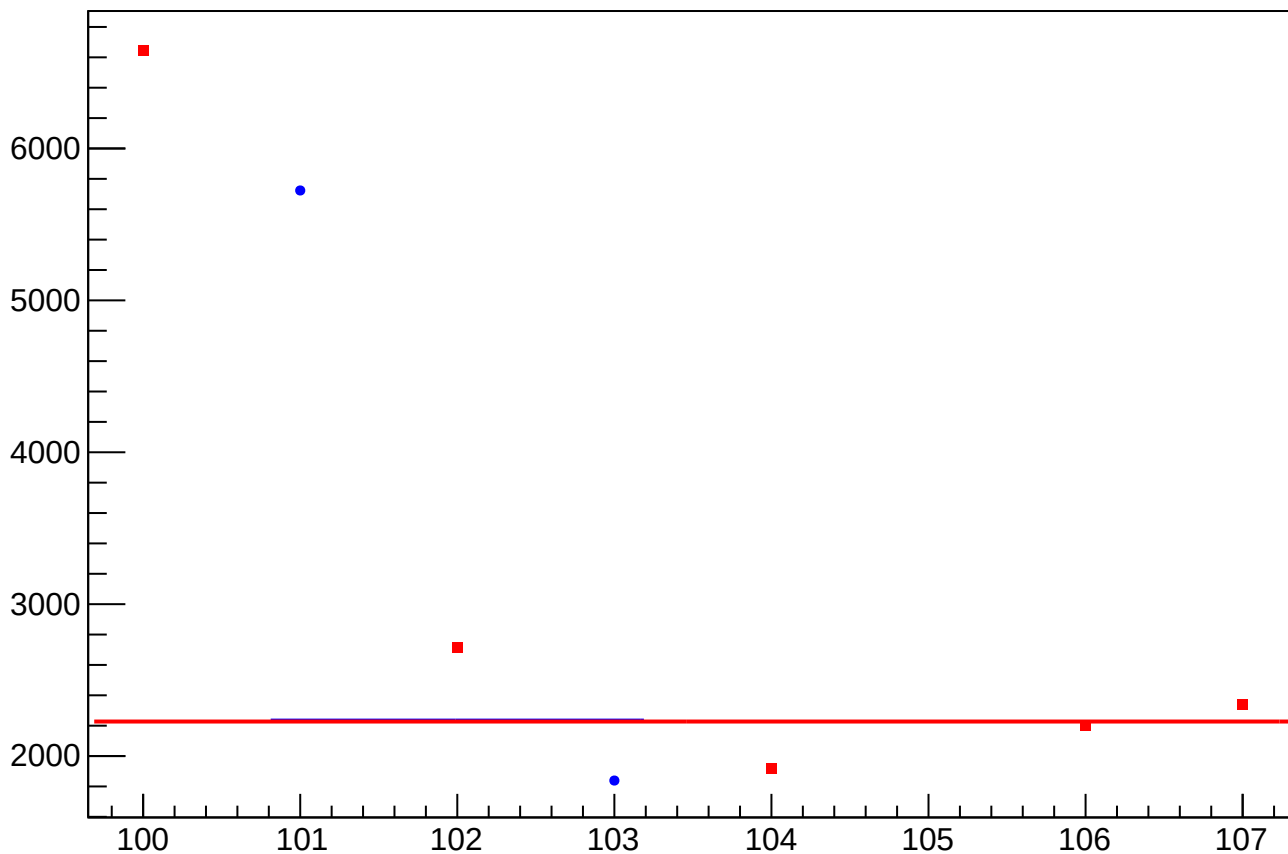
Right: -539.660+/-1398.919 χ^2/NDF : 6.1/6

In: 198.907+/-2252.654 χ^2/NDF : 3.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -539.660+/-1398.919 χ^2/NDF : 6.1/6

eigen_dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2233.450+/-1.593 χ^2/NDF : 542770.1/1

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

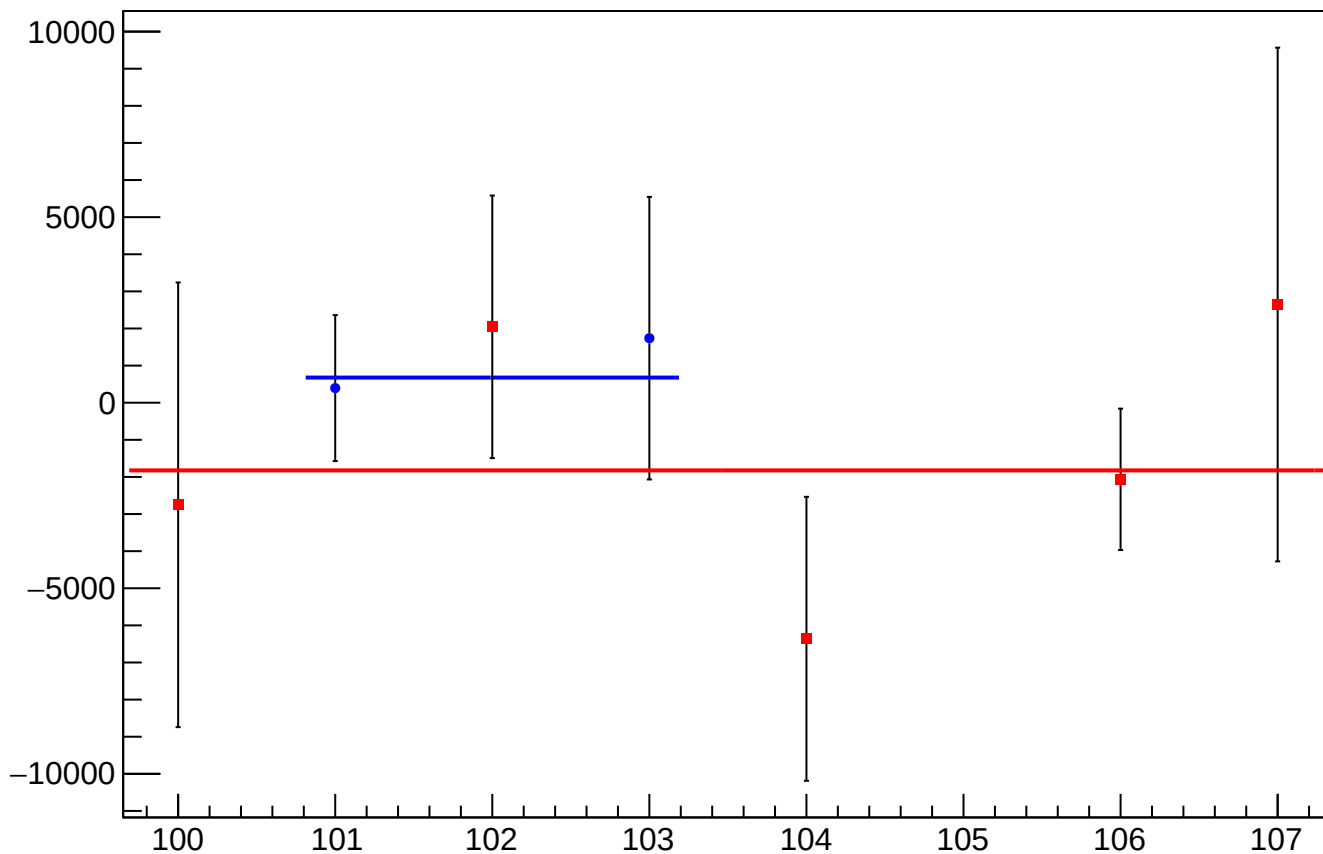
Right: 2229.716+/-0.989 χ^2/NDF : 664226.6/6

In: 2233.450+/-1.593 χ^2/NDF : 542770.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2229.716+/-0.989 χ^2/NDF : 664226.6/6

asym_at1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 677.489+/-1747.290 χ^2/NDF : 0.1/1

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

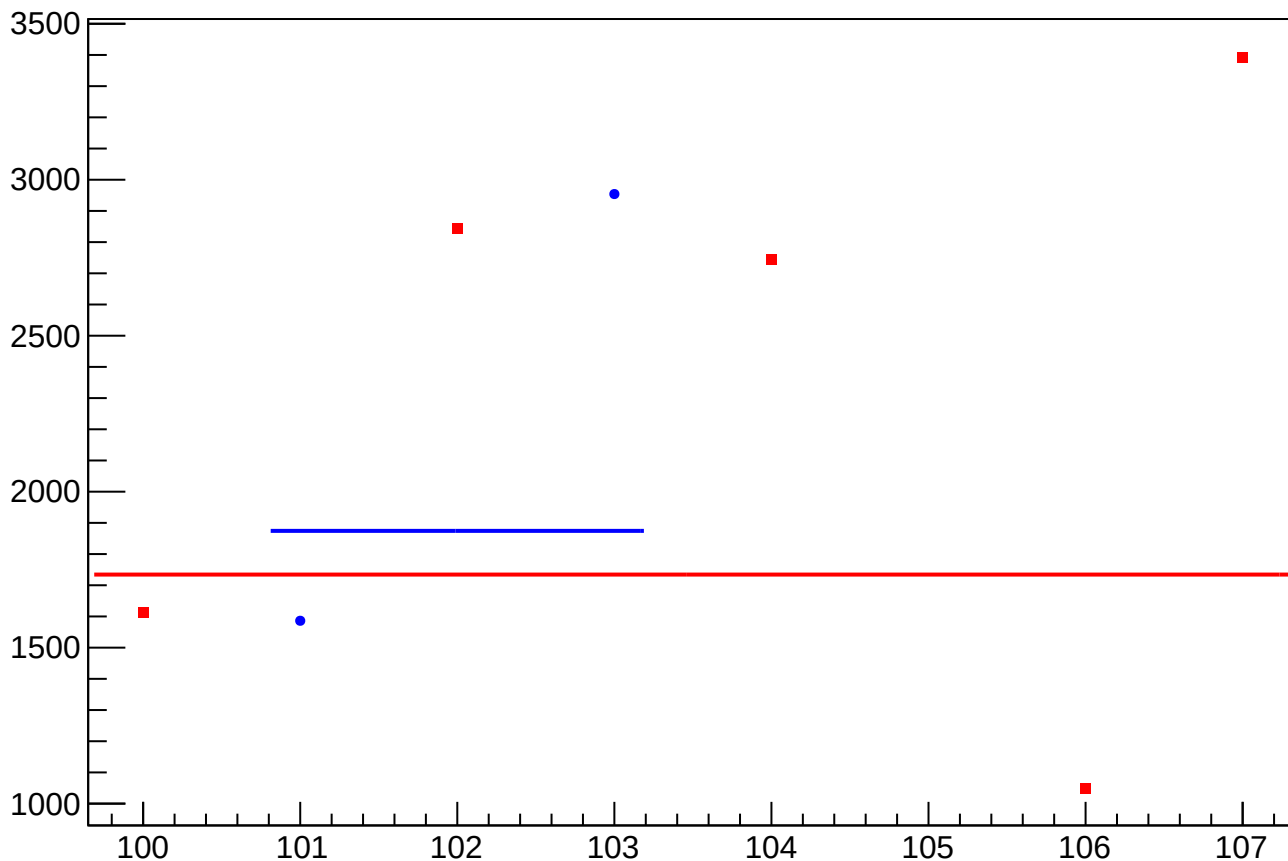
Right: -799.540+/-1117.989 χ^2/NDF : 4.4/6

In: 677.489+/-1747.290 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -799.540+/-1117.989 χ^2/NDF : 4.4/6

asym_at1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1874.353+/-1.236 χ^2/NDF : 203831.4/1

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

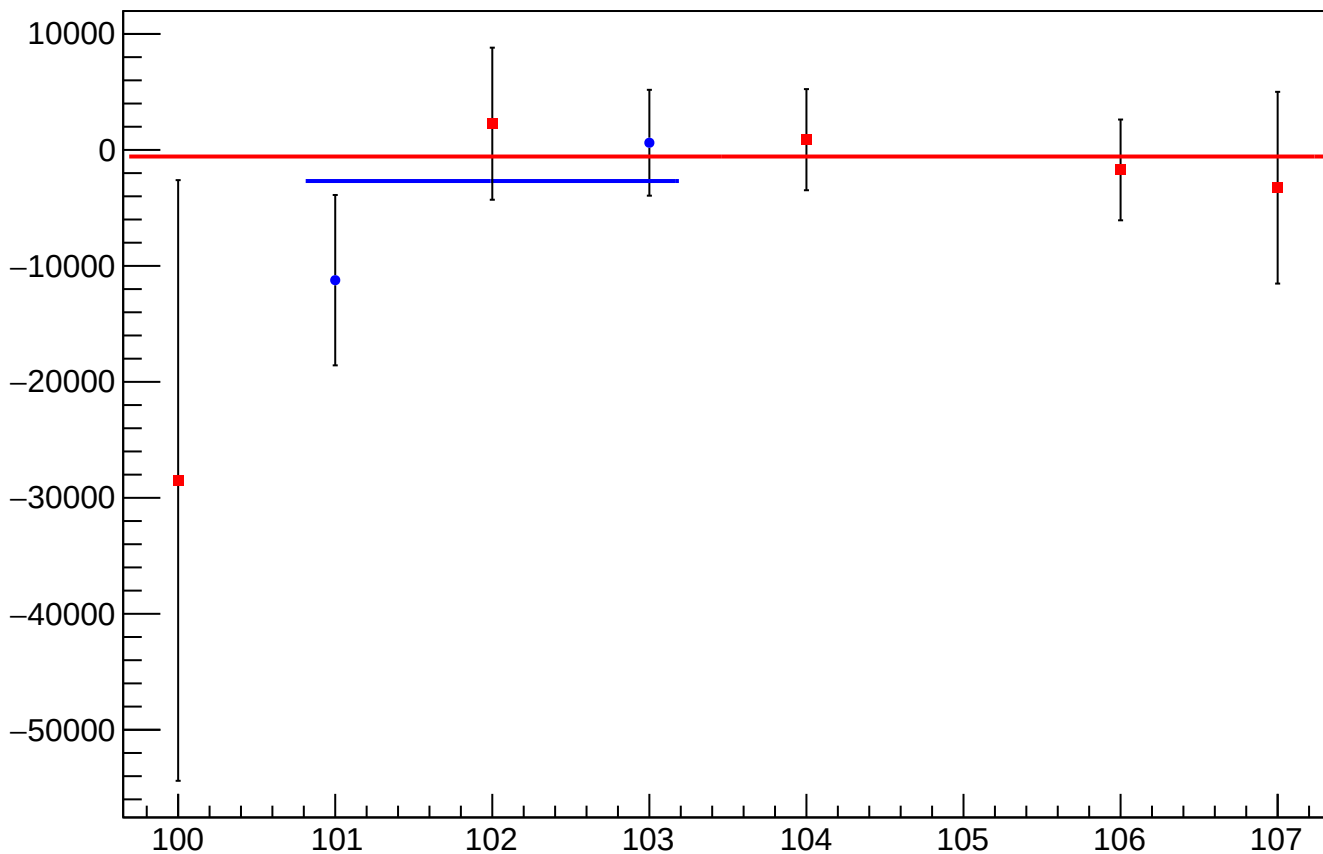
Right: 1791.616+/-0.791 χ^2/NDF : 922079.3/6

In: 1874.353+/-1.236 χ^2/NDF : 203831.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1791.616+/-0.791 χ^2/NDF : 922079.3/6

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -2681.302+/-3876.341 χ^2/NDF : 1.9/1

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

Right Out: -568.538+/-2626.546 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

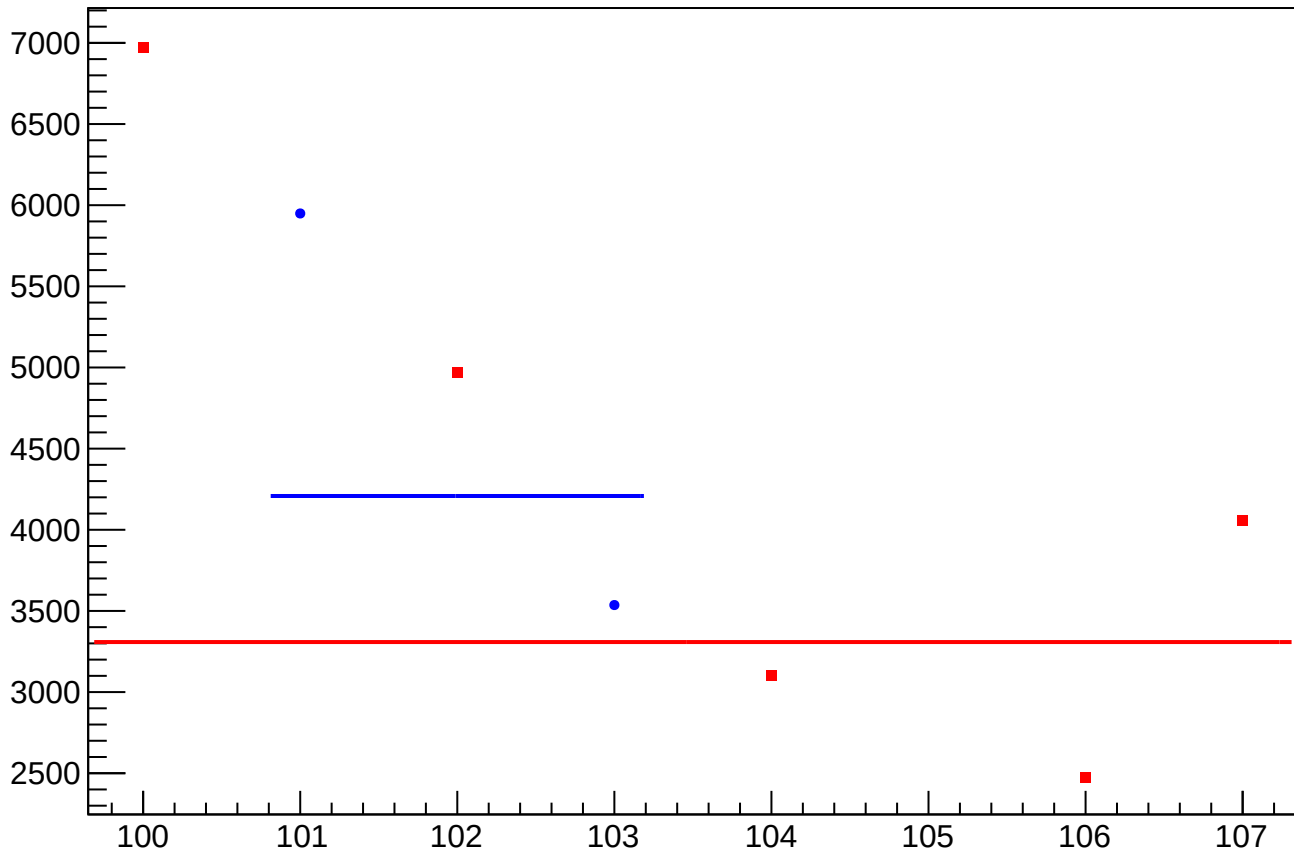
Right: -1233.331+/-2174.401 χ^2/NDF : 3.7/6

In: -2681.302+/-3876.341 χ^2/NDF : 1.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1233.331+/-2174.401 χ^2/NDF : 3.7/6

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 4208.197+/-2.741 χ^2/NDF : 155690.8/1

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

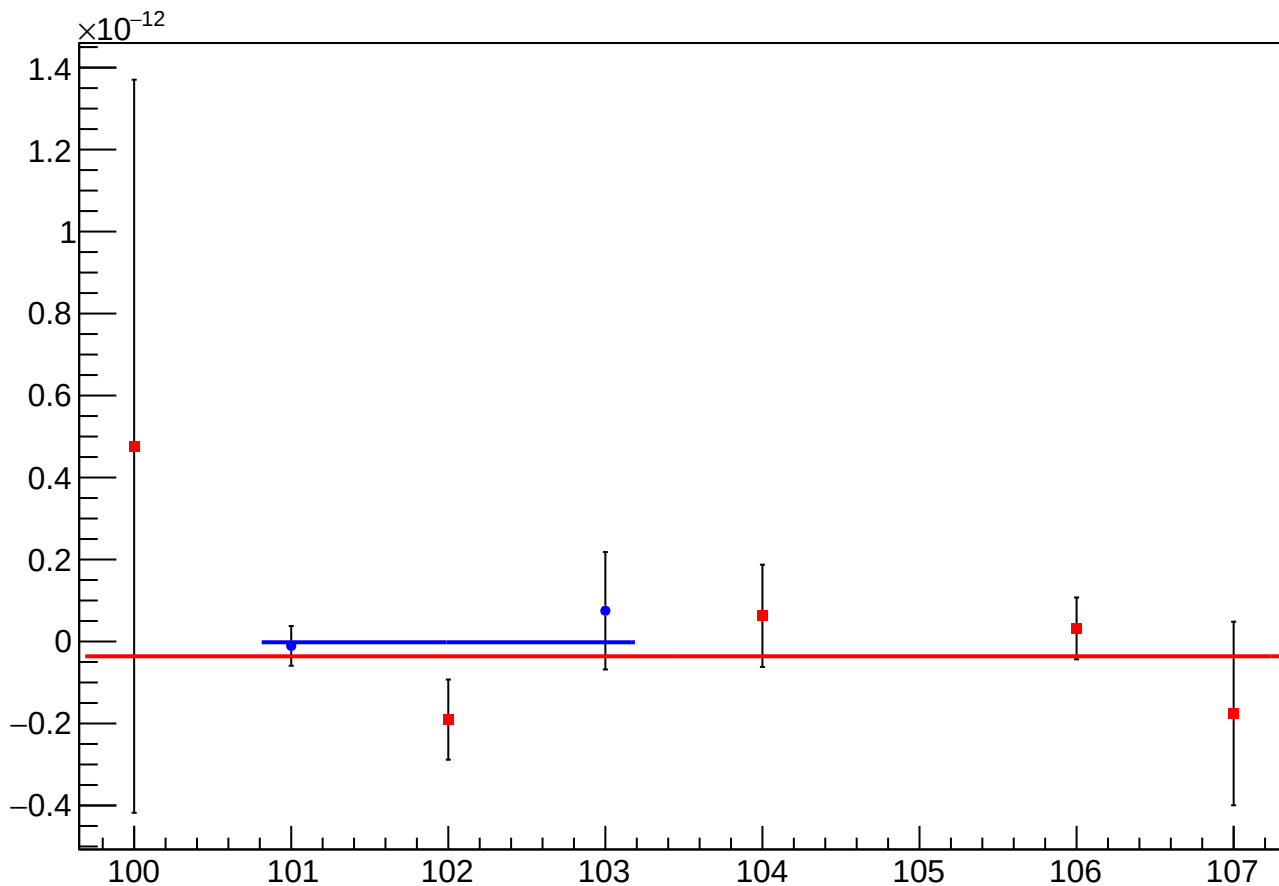
Right: 3591.424+/-1.537 χ^2/NDF : 492168.9/6

In: 4208.197+/-2.741 χ^2/NDF : 155690.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3591.424+/-1.537 χ^2/NDF : 492168.9/6

asym_at1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.3/1

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

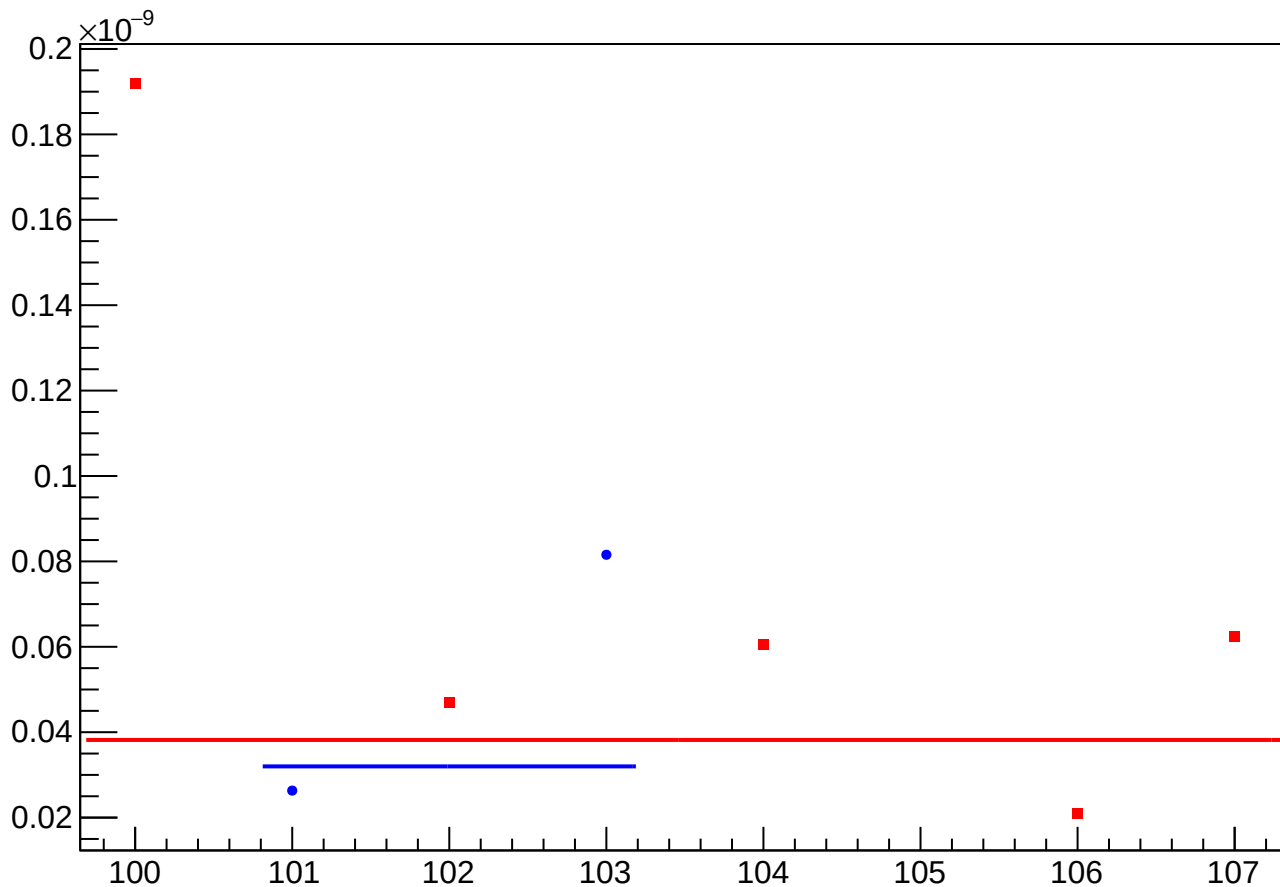
Right: -0.000+/-0.000 χ^2 /NDF: 5.2/6

In: -0.000+/-0.000 χ^2 /NDF:0.3/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 5.2/6

asym_at1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 266962.1/1

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

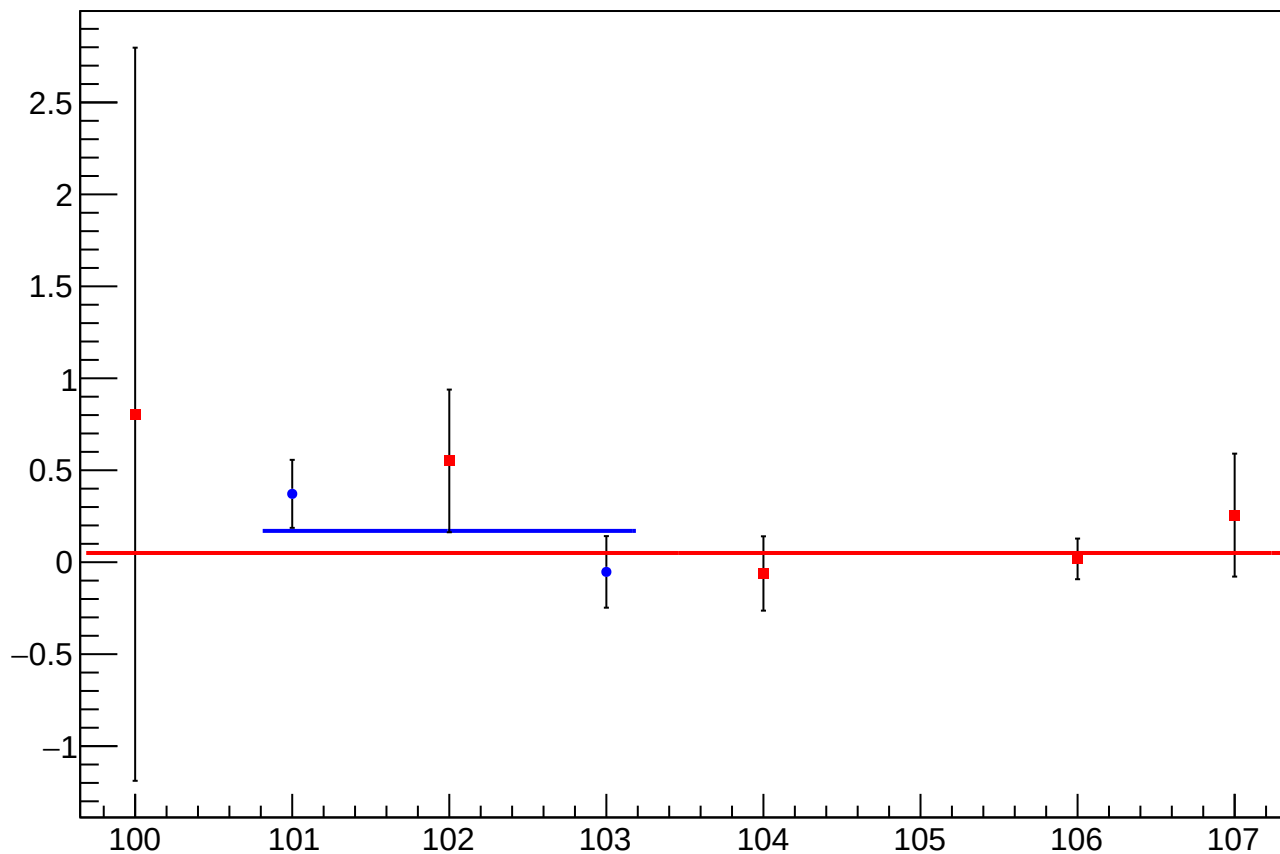
Right: 0.000+/-0.000 χ^2/NDF : 549819.8/6

In: 0.000+/-0.000 χ^2/NDF : 266962.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 549819.8/6

asym_at1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.170 $\pm$ 0.134 χ^2 /NDF: 2.5/1

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

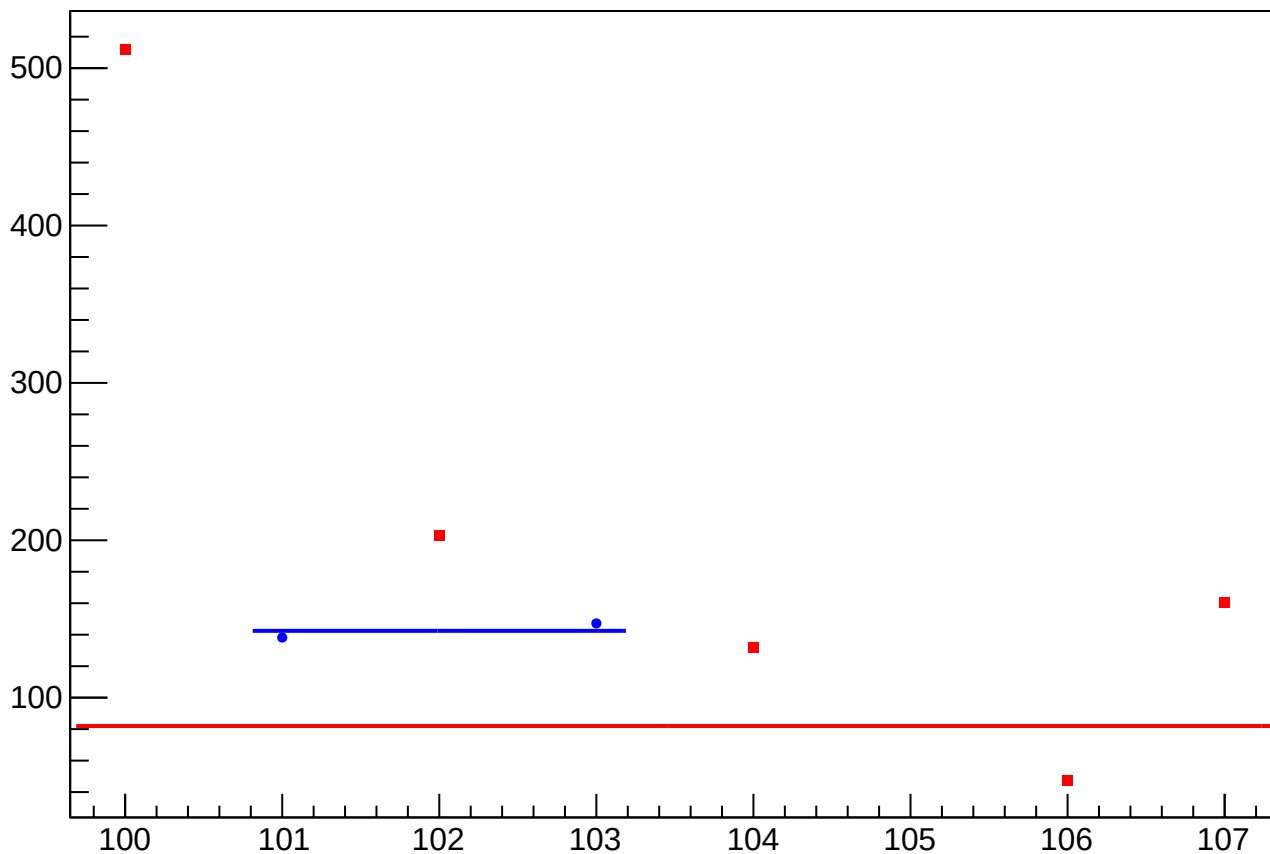
Right: 0.088 $\pm$ 0.075 χ^2 /NDF: 5.6/6

In: 0.170 $\pm$ 0.134 χ^2 /NDF: 2.5/1

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

All: 0.088 $\pm$ 0.075 χ^2 /NDF: 5.6/6

asym_at1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.461+/-0.095 χ^2/NDF : 2255.3/1

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

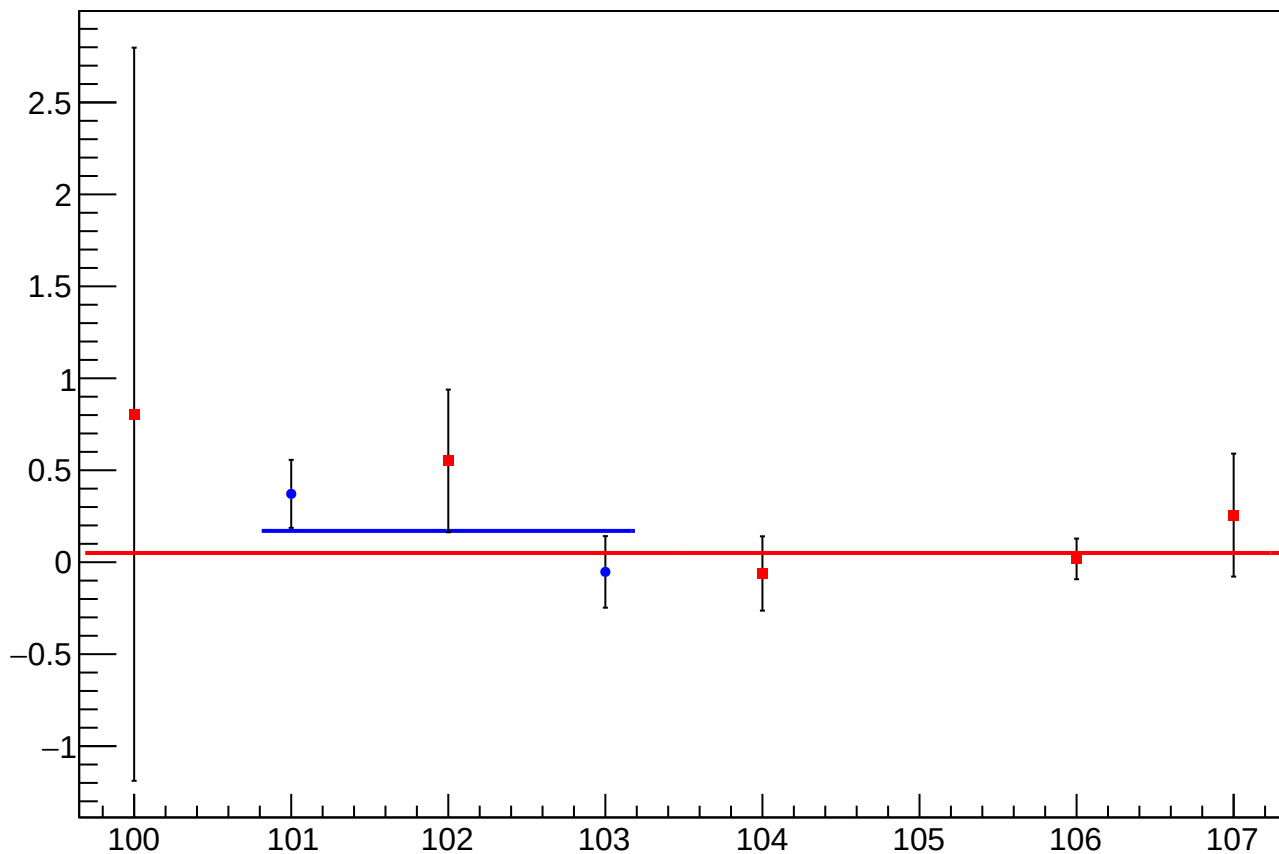
Right: 100.898+/-0.053 χ^2/NDF : 1001672.6/6

In: 142.461+/-0.095 χ^2/NDF : 2255.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.898+/-0.053 χ^2/NDF : 1001672.6/6

asym_at1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.170+/-0.134 χ^2/NDF : 2.5/1

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

Right Out: 0.050+/-0.090 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

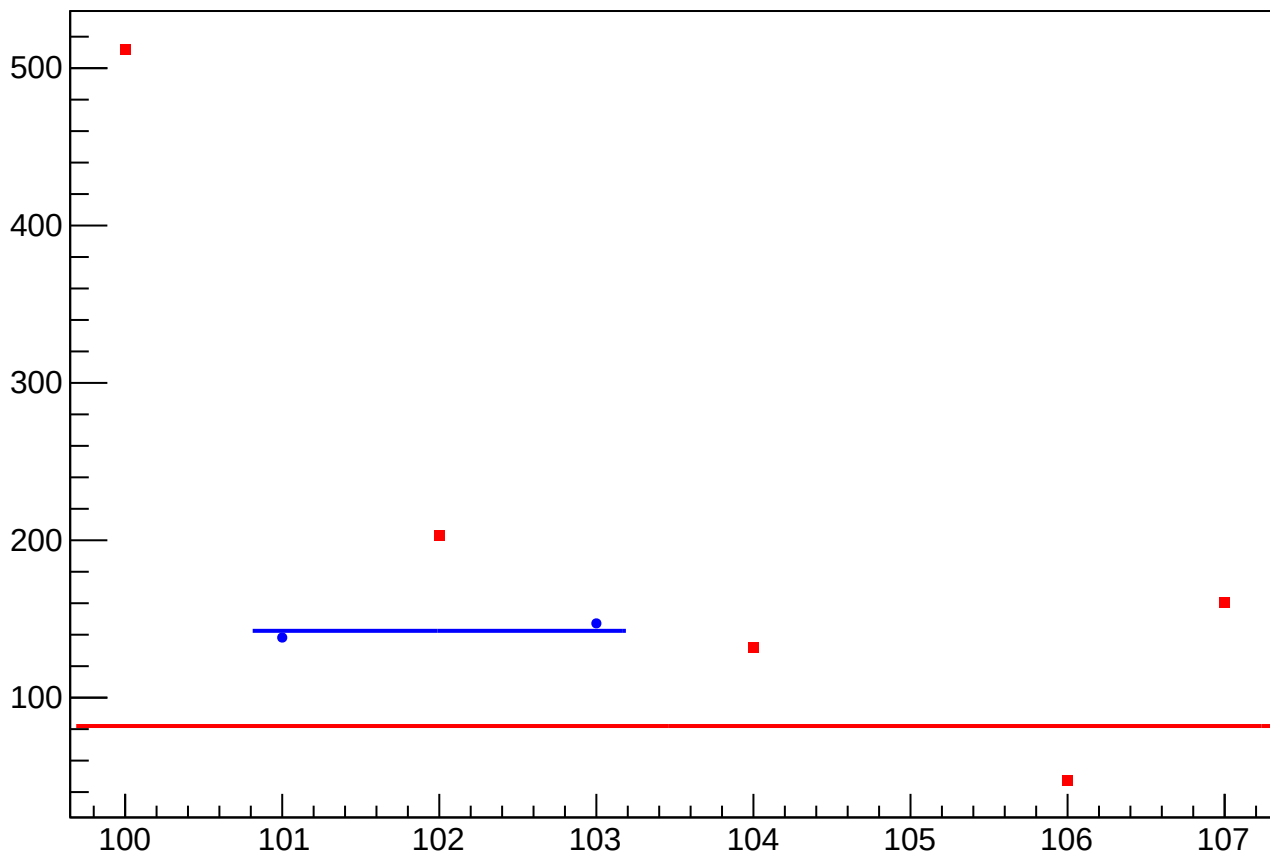
Right: 0.088+/-0.075 χ^2/NDF : 5.6/6

In: 0.170+/-0.134 χ^2/NDF : 2.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.088+/-0.075 χ^2/NDF : 5.6/6

asym_at1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.461+/-0.095 χ^2/NDF : 2255.3/1

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

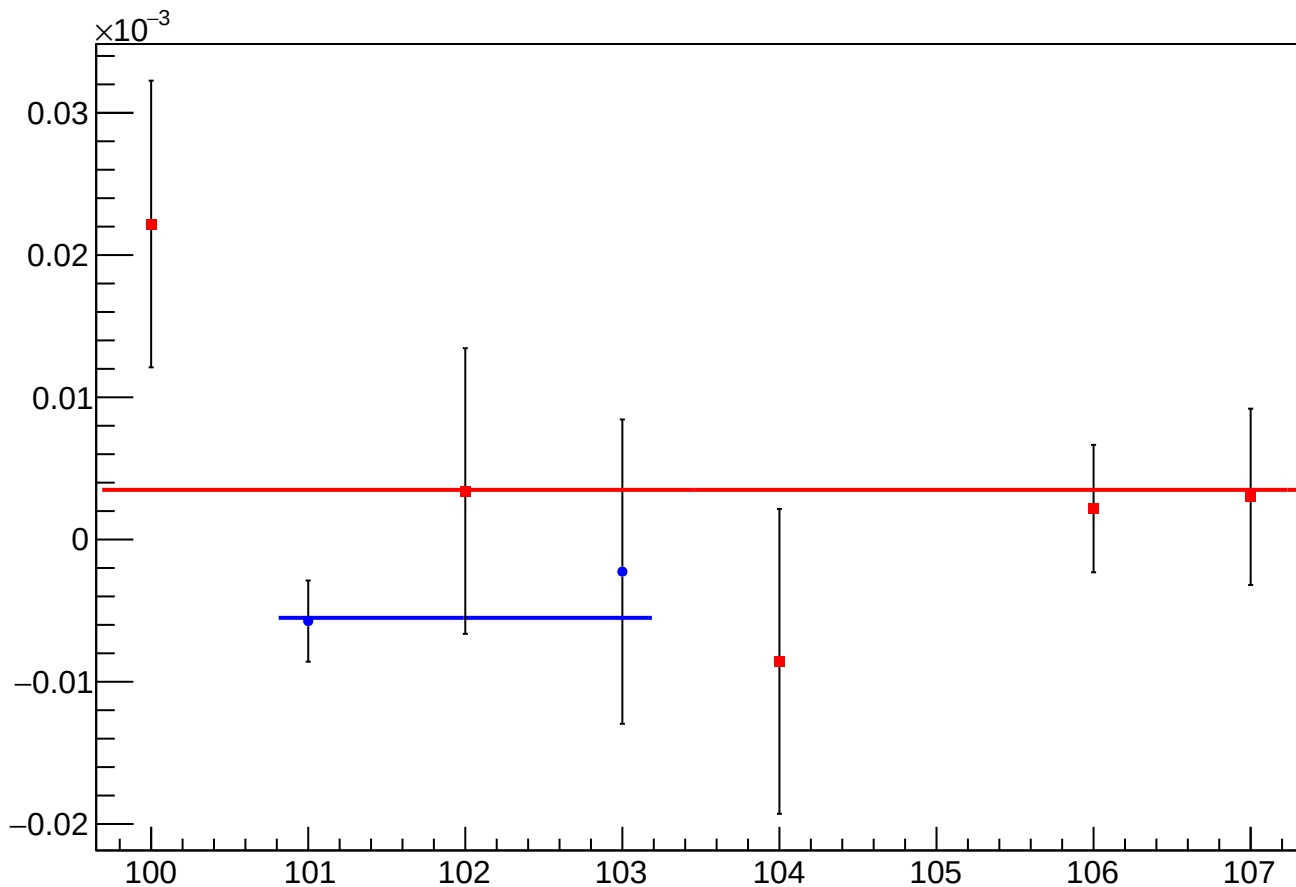
Right: 100.898+/-0.053 χ^2/NDF : 1001672.6/6

In: 142.461+/-0.095 χ^2/NDF : 2255.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.898+/-0.053 χ^2/NDF : 1001672.6/6

asym_at1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/1

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

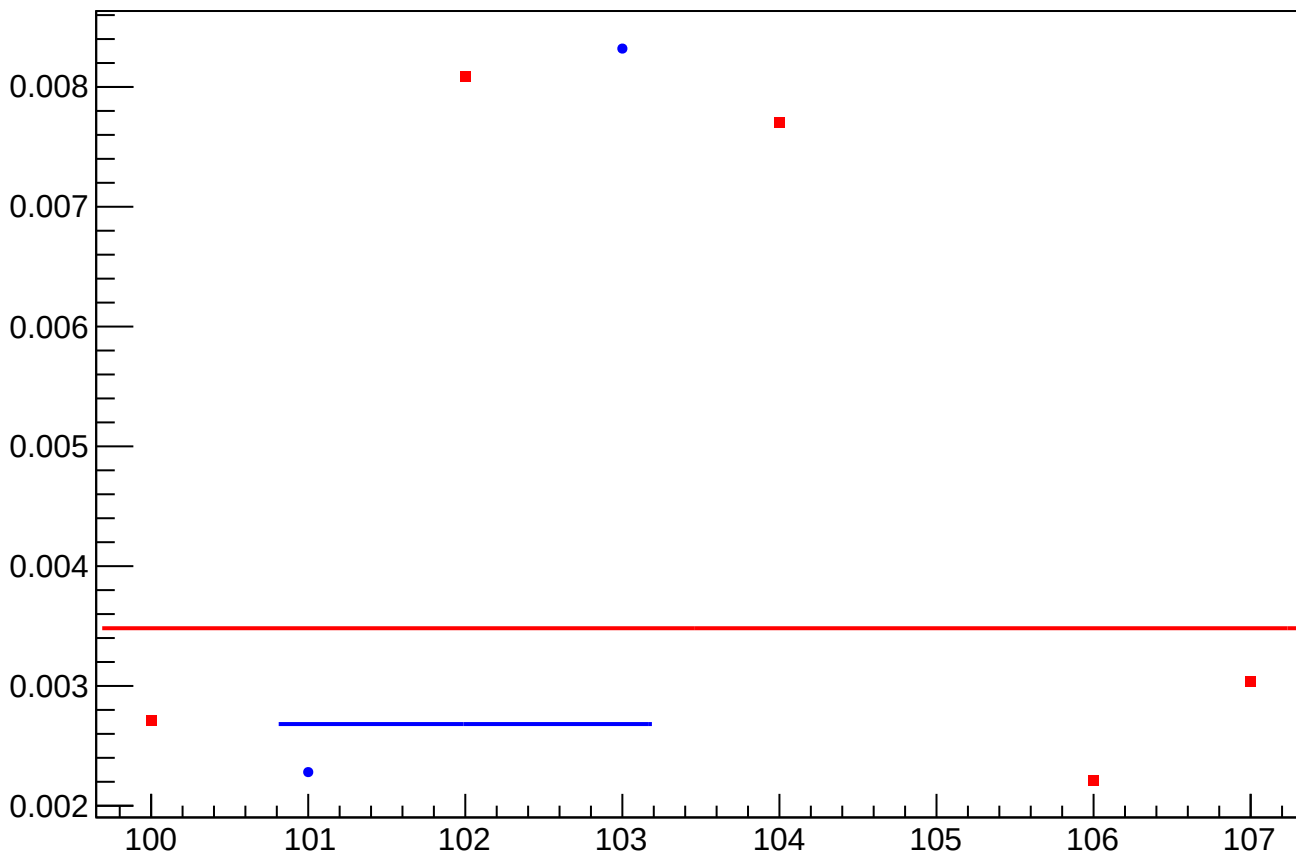
Right: -0.000+/-0.000 χ^2/NDF : 9.6/6

In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.6/6

asym_at1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 594975.7/1

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

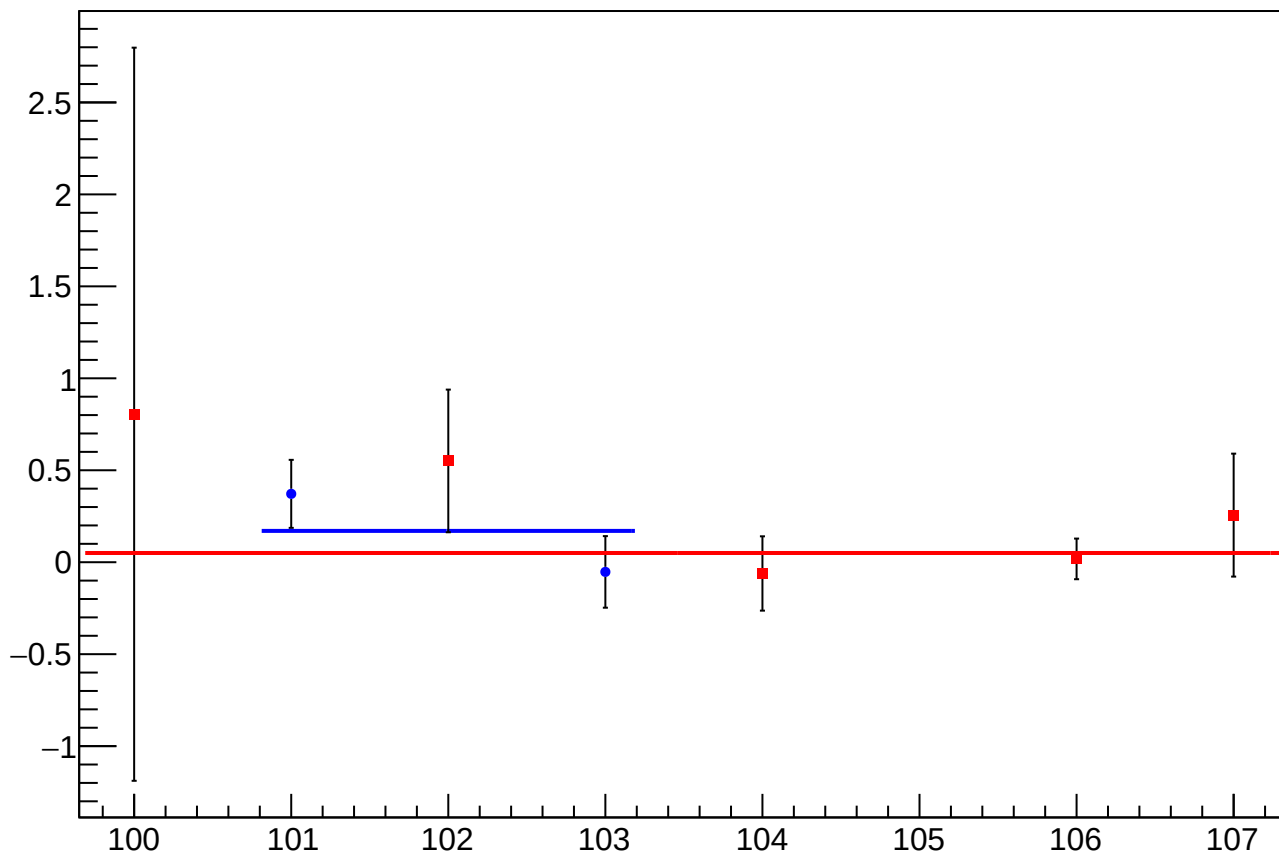
Right: 0.003+/-0.000 χ^2/NDF : 1582791.6/6

In: 0.003+/-0.000 χ^2/NDF : 594975.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 1582791.6/6

asym_at1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.170 $\pm$ 0.134 χ^2 /NDF: 2.5/1

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

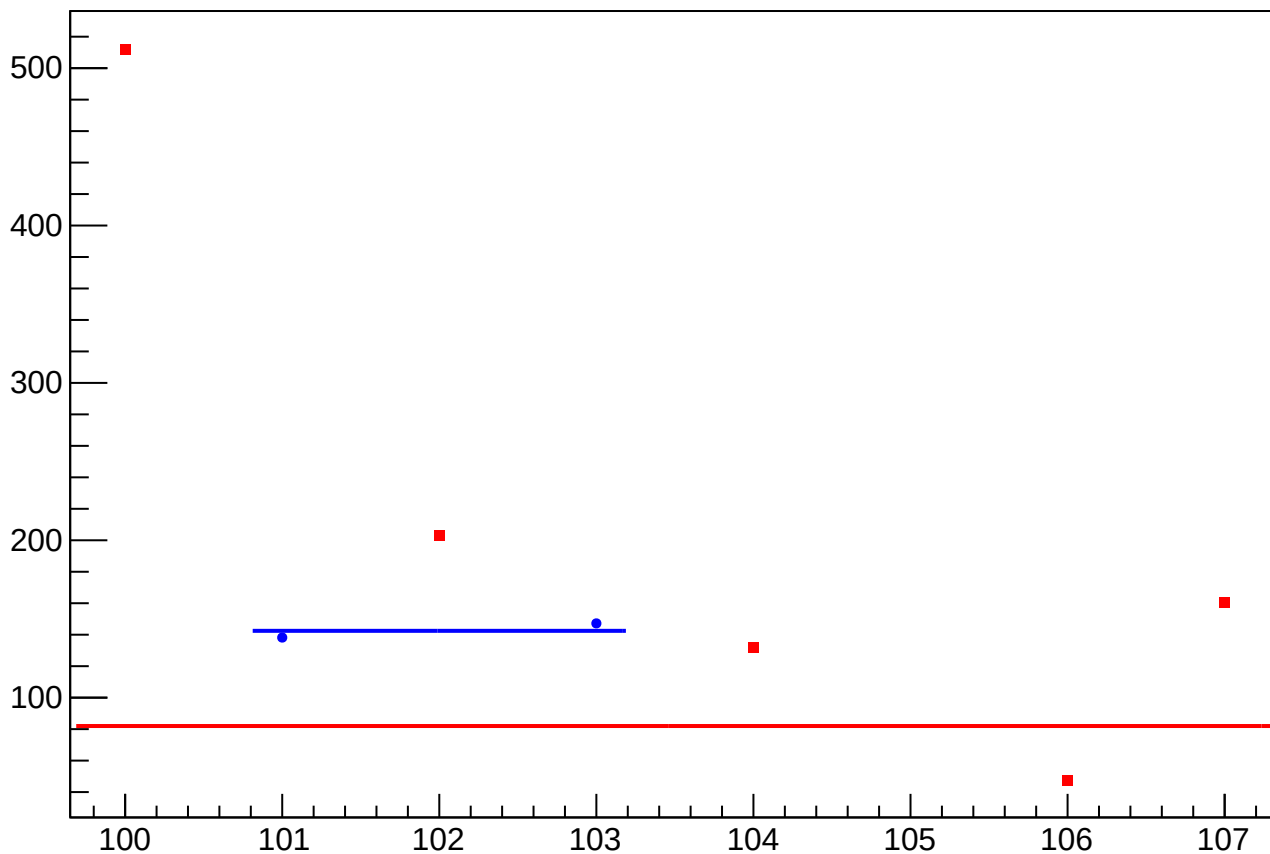
Right: 0.088 $\pm$ 0.075 χ^2 /NDF: 5.6/6

In: 0.170 $\pm$ 0.134 χ^2 /NDF: 2.5/1

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

All: 0.088 $\pm$ 0.075 χ^2 /NDF: 5.6/6

asym_at1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.458+/-0.095 χ^2/NDF : 2251.9/1

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

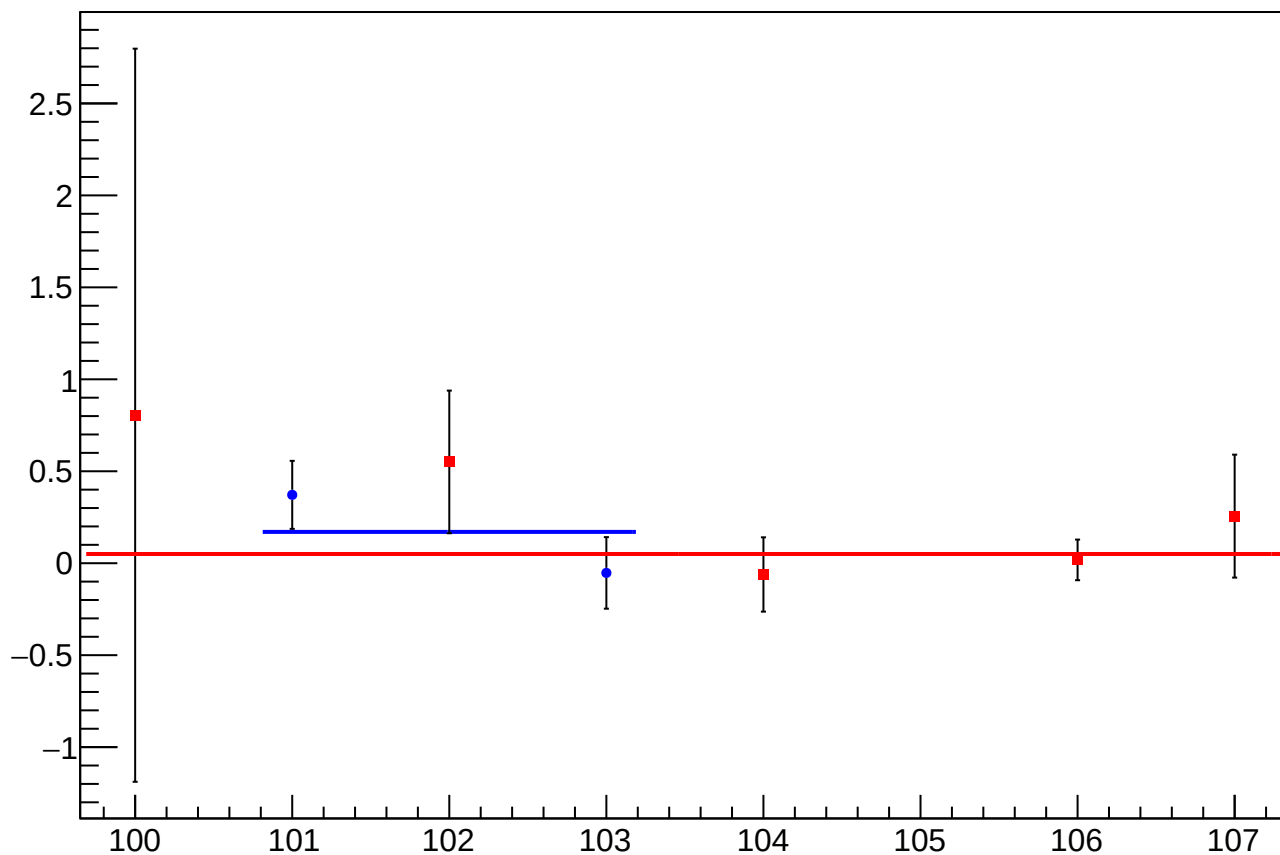
Right: 100.894+/-0.053 χ^2/NDF : 1001687.3/6

In: 142.458+/-0.095 χ^2/NDF : 2251.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.894+/-0.053 χ^2/NDF : 1001687.3/6

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.170 $\pm$ 0.134 χ^2 /NDF: 2.5/1

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

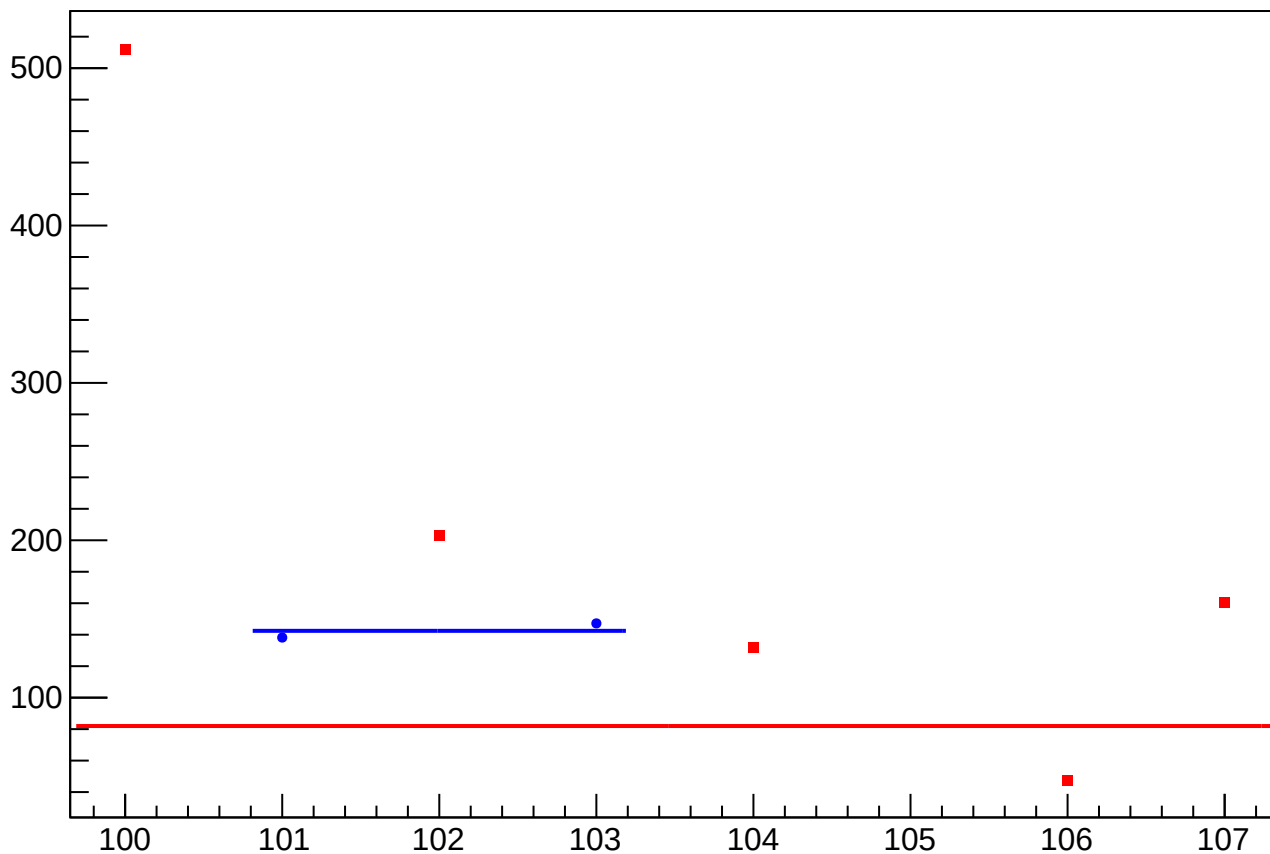
Right: 0.088 $\pm$ 0.075 χ^2 /NDF: 5.6/6

In: 0.170 $\pm$ 0.134 χ^2 /NDF: 2.5/1

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

All: 0.088 $\pm$ 0.075 χ^2 /NDF: 5.6/6

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.458 $\pm$ 0.095 χ^2 /NDF: 2251.9/1

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

Right Out: 81.974 $\pm$ 0.064 χ^2 /NDF: 719620.1/4

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

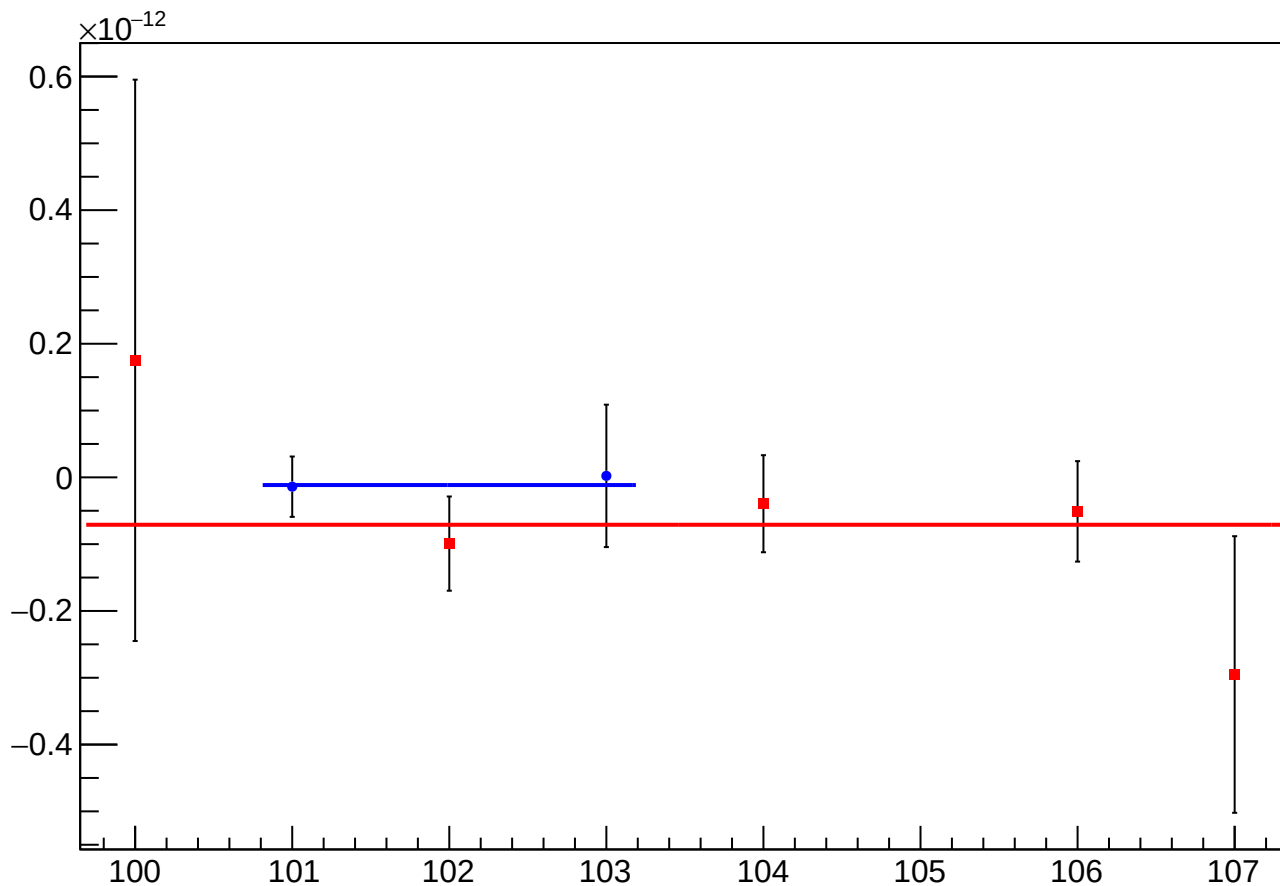
Right: 100.894 $\pm$ 0.053 χ^2 /NDF: 1001687.3/6

In: 142.458 $\pm$ 0.095 χ^2 /NDF:2251.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 100.894 $\pm$ 0.053 χ^2 /NDF: 1001687.3/6

asym_at1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.0/1

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

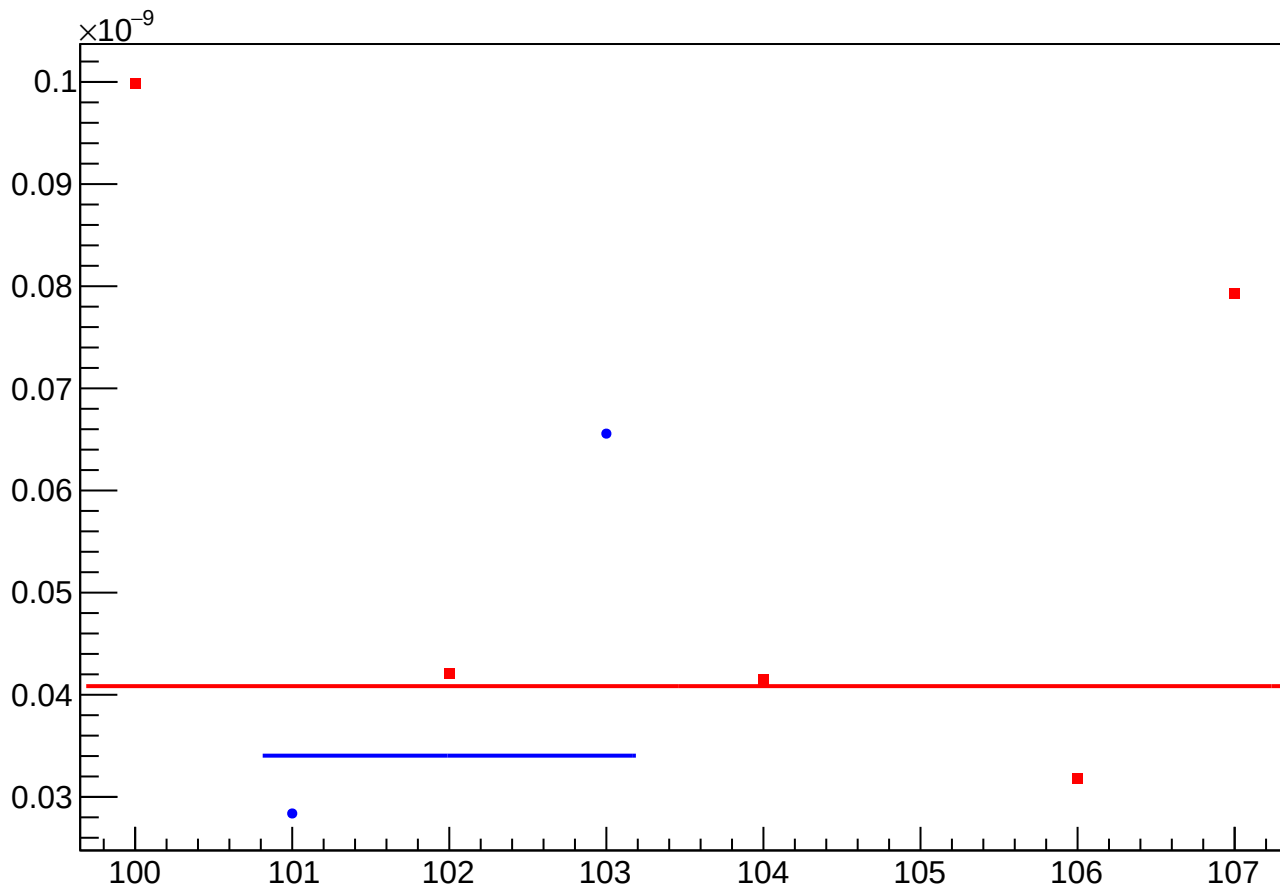
Right: -0.000+/-0.000 χ^2 /NDF: 3.0/6

In: -0.000+/-0.000 χ^2 /NDF:0.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 3.0/6

asym_at1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 206415.2/1

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

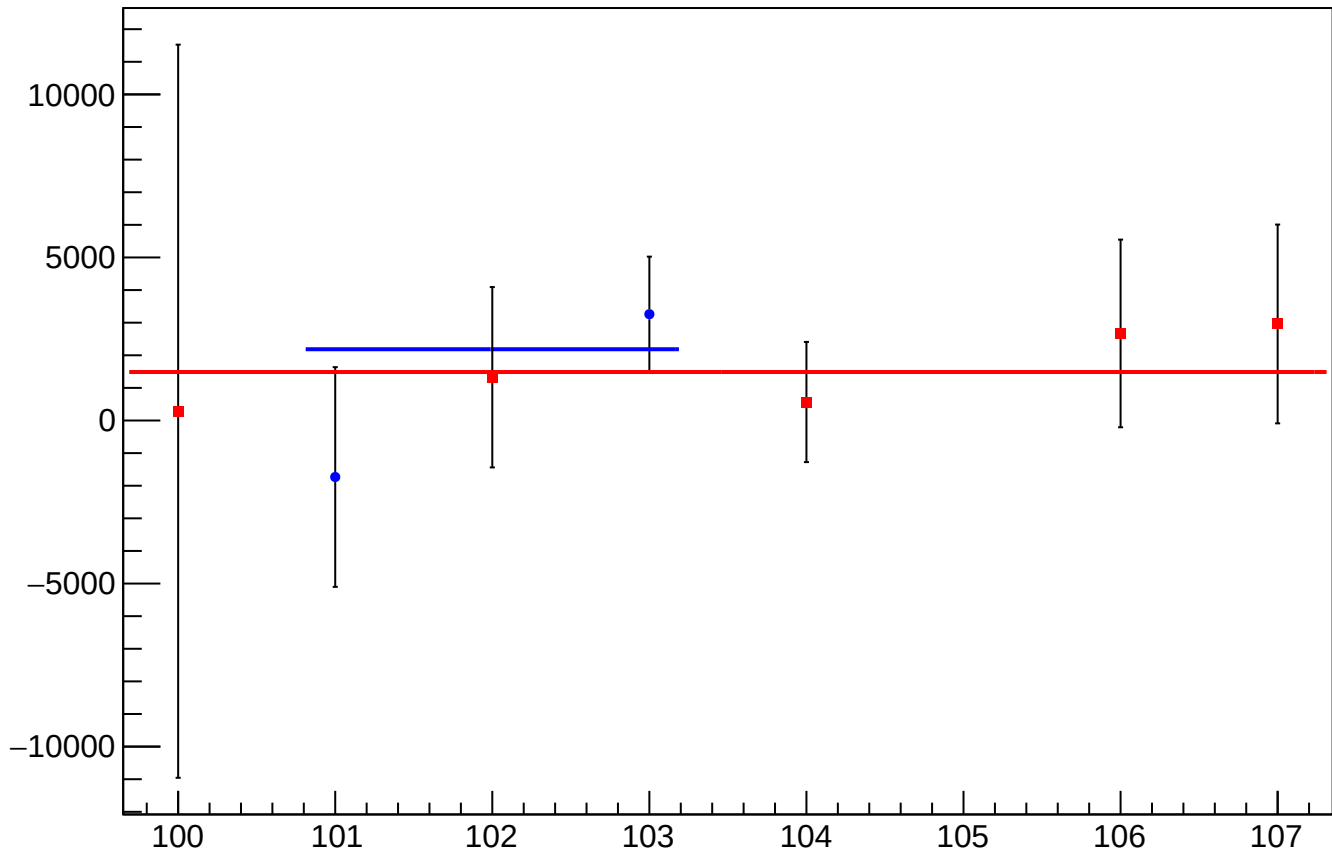
Right: 0.000+/-0.000 χ^2/NDF : 372036.2/6

In: 0.000+/-0.000 χ^2/NDF : 206415.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 372036.2/6

reg_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2185.309+/-1563.263 χ^2 /NDF: 1.7/1

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

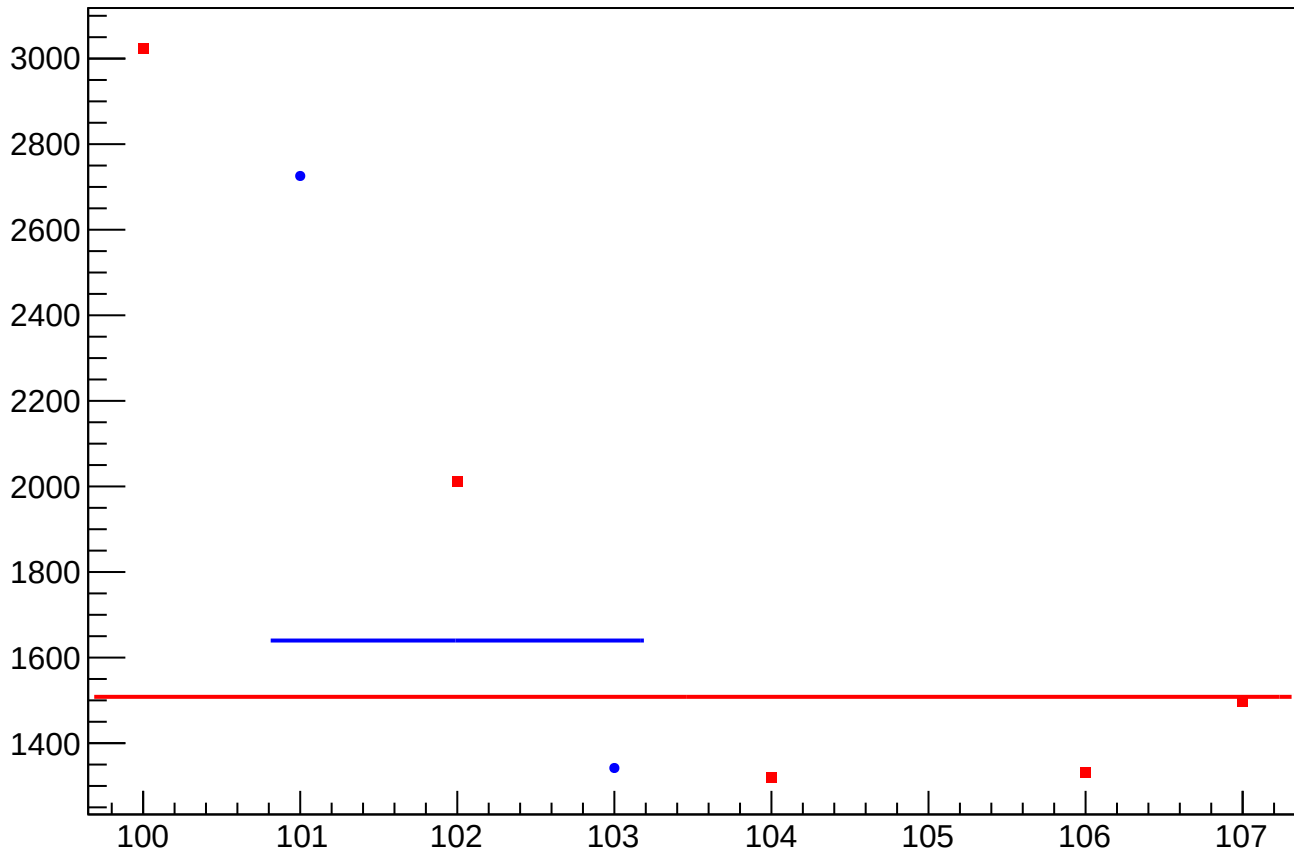
Right: 1753.925+/-966.379 χ^2 /NDF: 2.5/6

In: 2185.309+/-1563.263 χ^2 /NDF: 1.7/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1753.925+/-966.379 χ^2 /NDF: 2.5/6

reg_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1639.871+/-1.105 χ^2/NDF : 264722.1/1

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

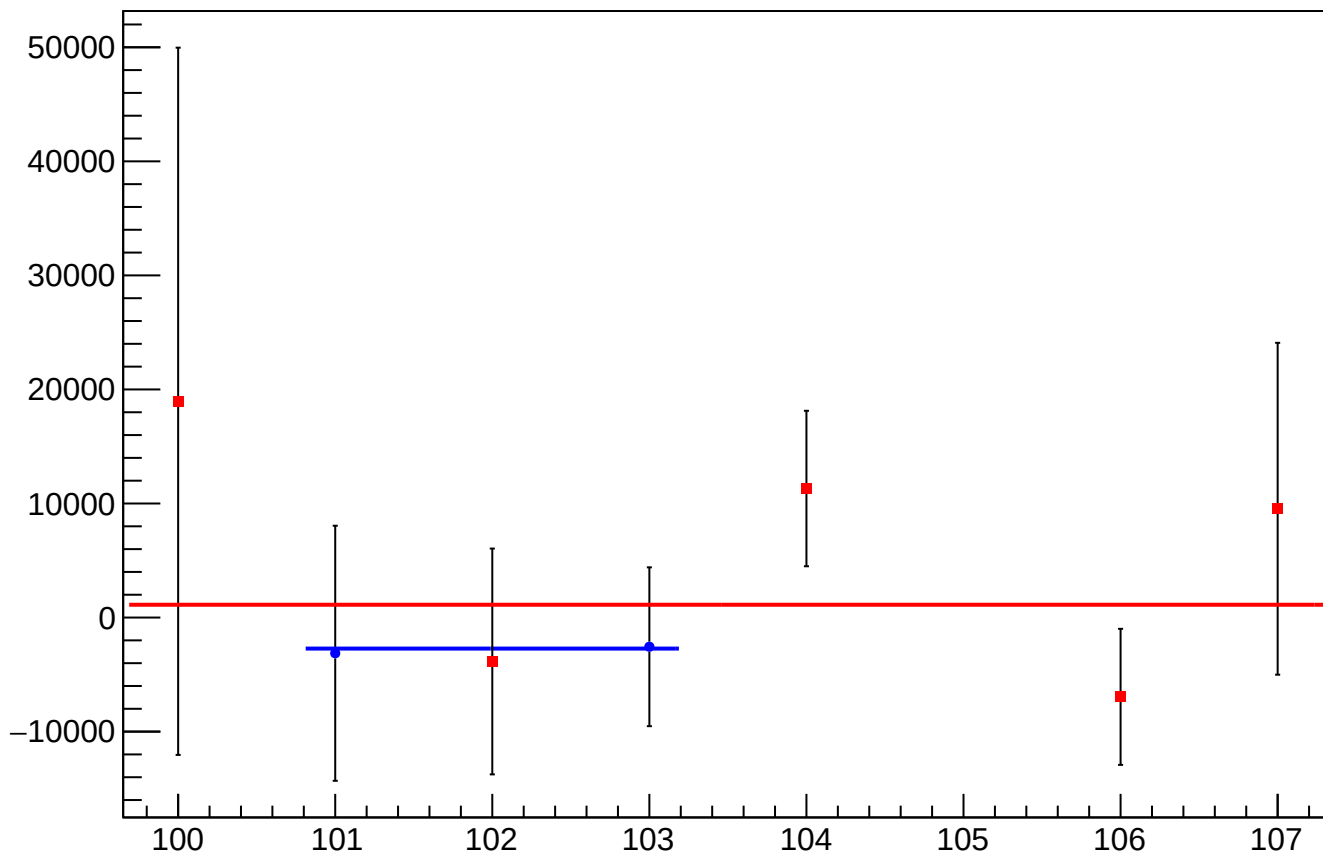
Right: 1558.571+/-0.683 χ^2/NDF : 404572.9/6

In: 1639.871+/-1.105 χ^2/NDF : 264722.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1558.571+/-0.683 χ^2/NDF : 404572.9/6

asym_at2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -2719.921+/-5911.004 χ^2/NDF : 0.0/1

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

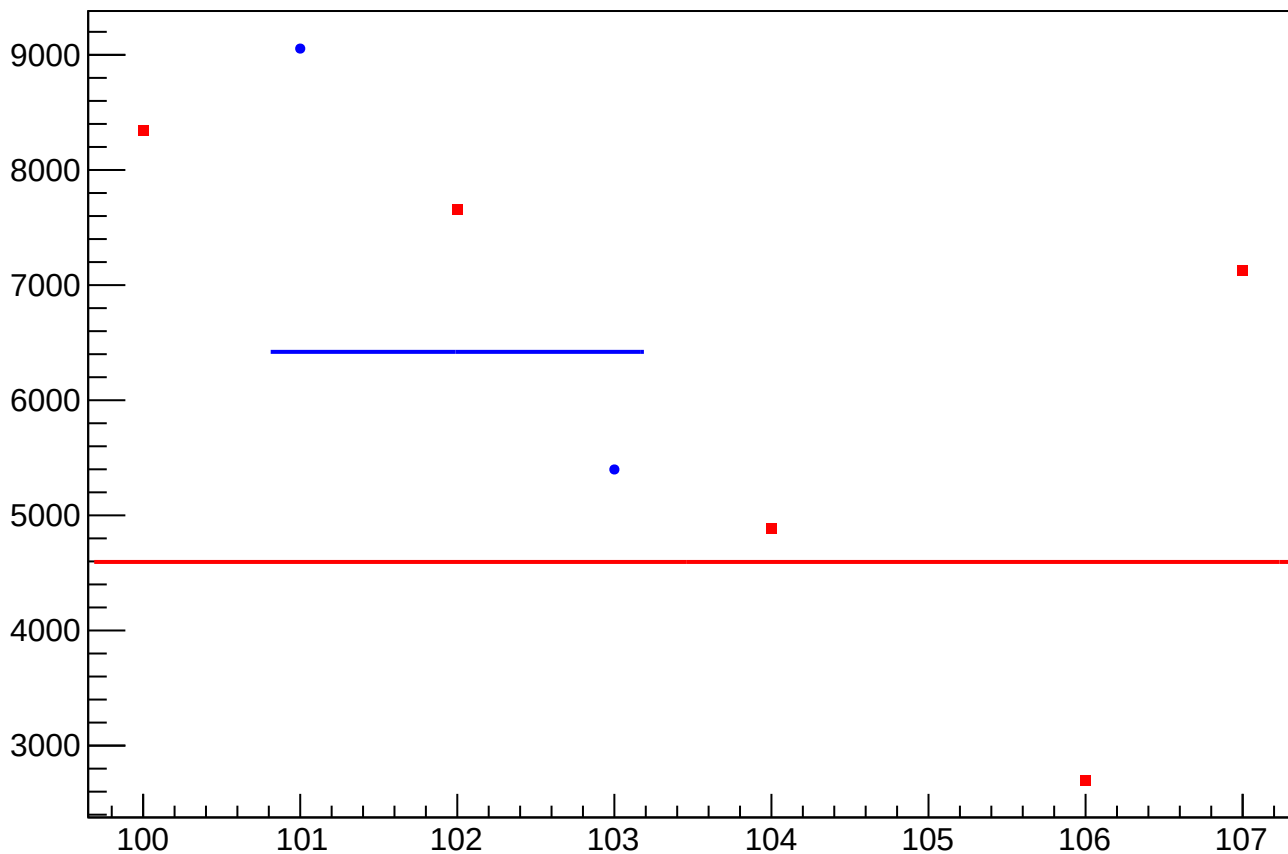
Right: -45.018+/-3257.890 χ^2/NDF : 5.3/6

In: -2719.921+/-5911.004 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -45.018+/-3257.890 χ^2/NDF : 5.3/6

asym_at2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 6420.244+/-4.180 χ^2/NDF : 154050.7/1

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

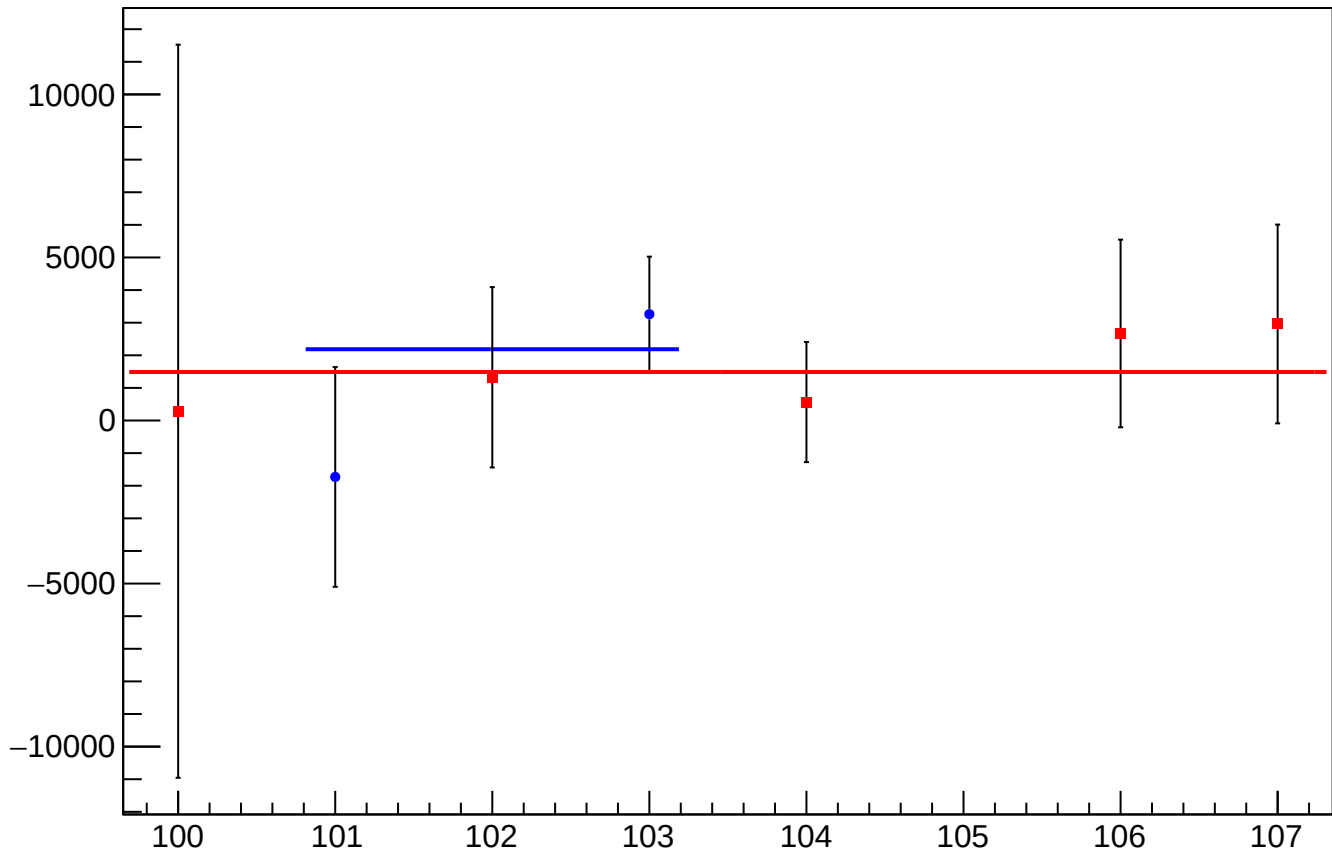
Right: 5149.706+/-2.304 χ^2/NDF : 773259.5/6

In: 6420.244+/-4.180 χ^2/NDF : 154050.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5149.706+/-2.304 χ^2/NDF : 773259.5/6

cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2185.804+/-1563.263 χ^2/NDF : 1.7/1

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

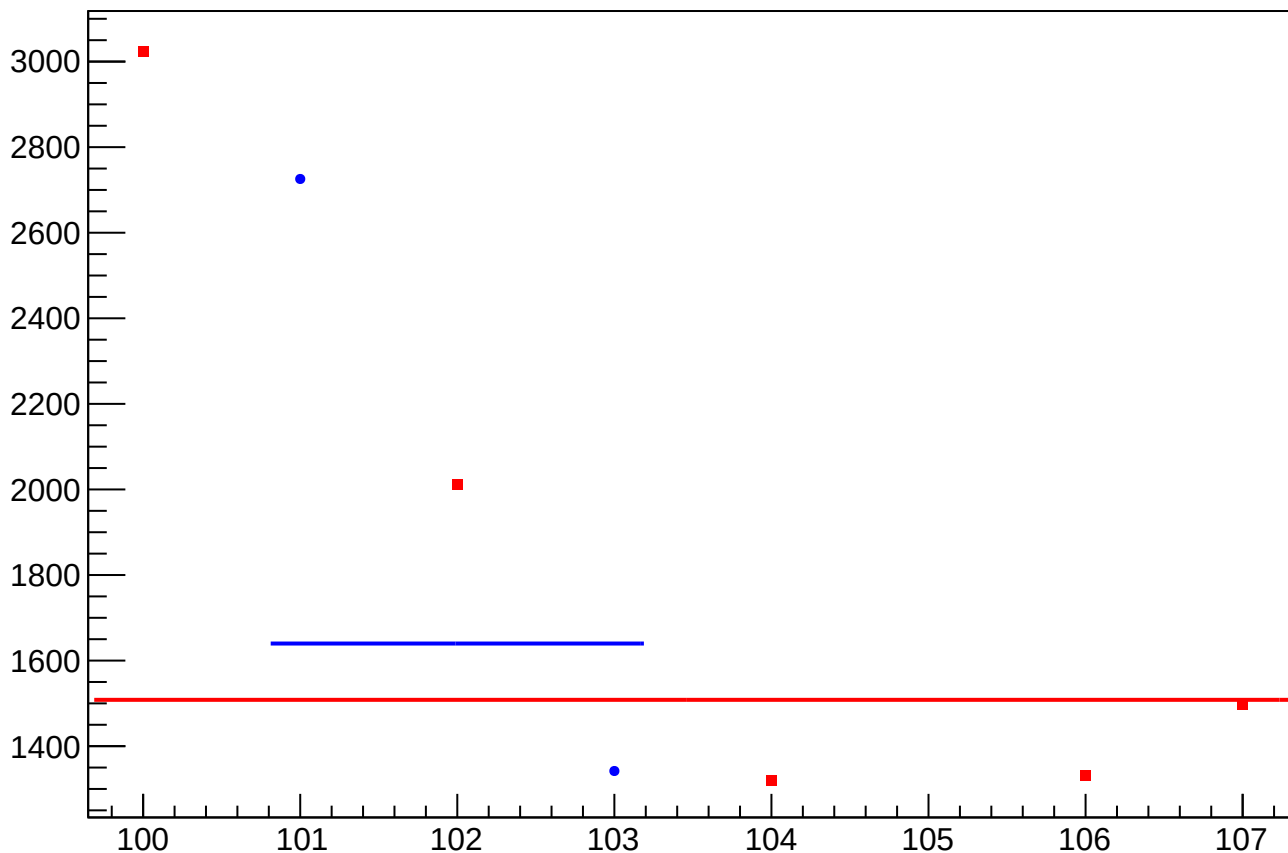
Right: 1753.979+/-966.379 χ^2/NDF : 2.5/6

In: 2185.804+/-1563.263 χ^2/NDF : 1.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1753.979+/-966.379 χ^2/NDF : 2.5/6

cor_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1639.870+/-1.105 χ^2/NDF : 264722.3/1

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

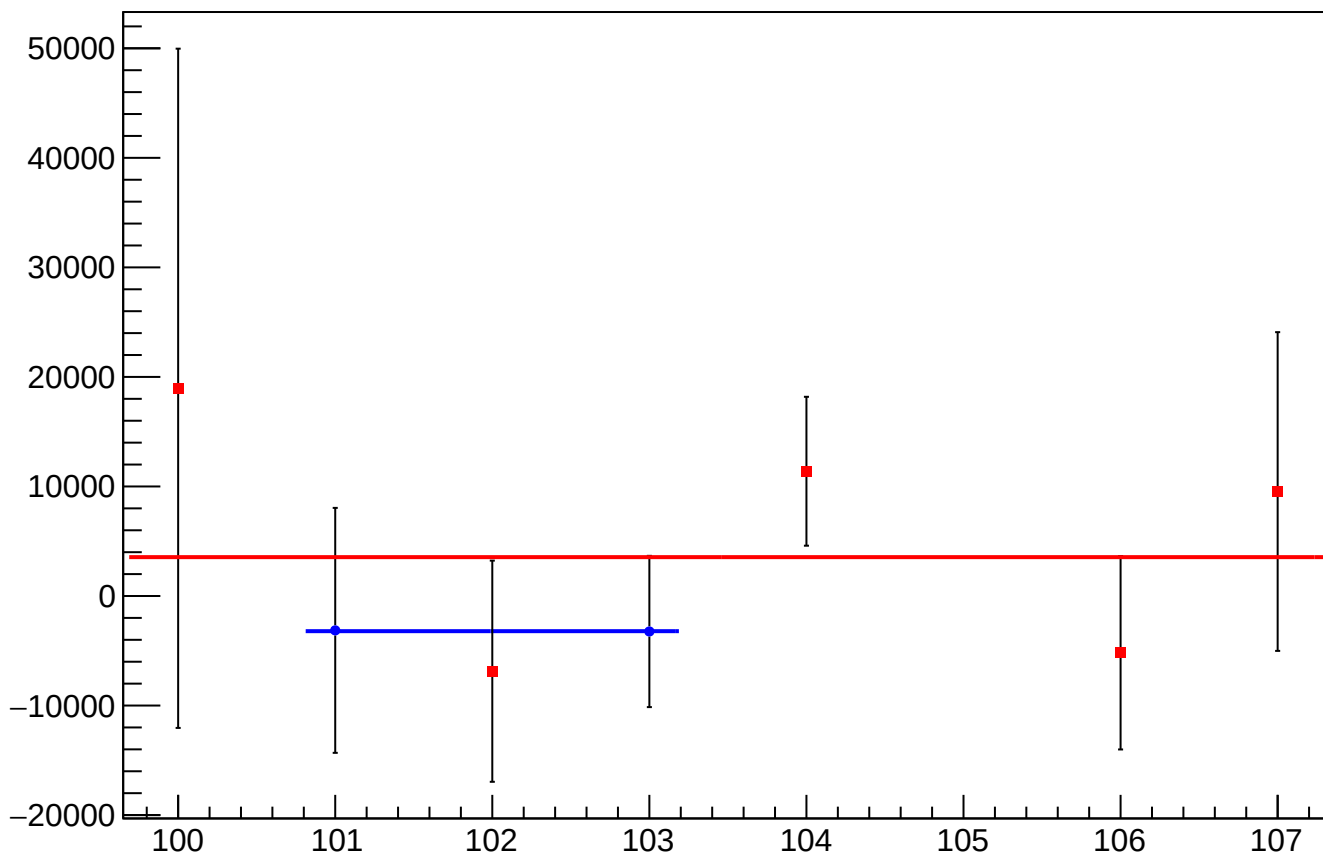
Right: 1558.570+/-0.683 χ^2/NDF : 404572.8/6

In: 1639.870+/-1.105 χ^2/NDF : 264722.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1558.570+/-0.683 χ^2/NDF : 404572.8/6

asym_at2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -3210.401+/-5874.646 χ^2/NDF : 0.0/1

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

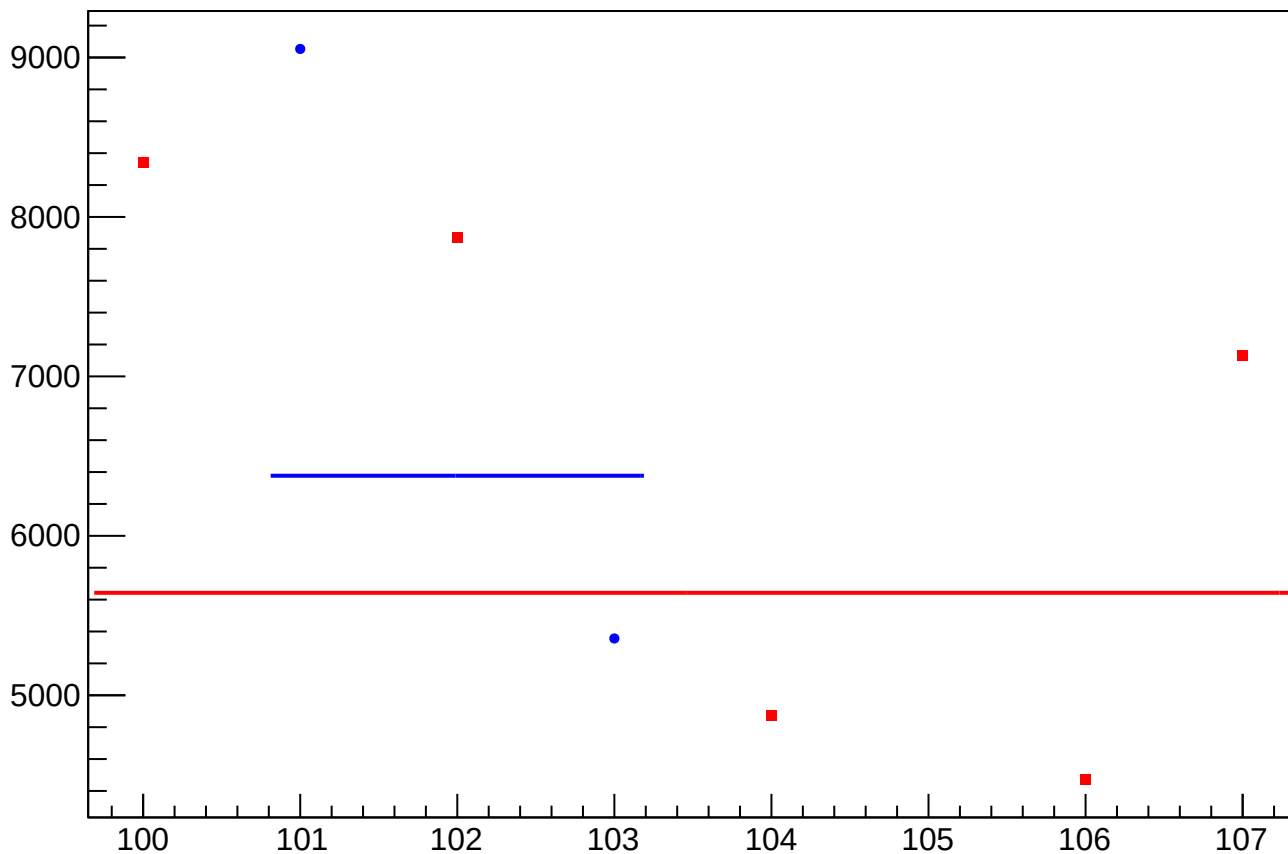
Right: 1069.757+/-3557.307 χ^2/NDF : 4.6/6

In: -3210.401+/-5874.646 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1069.757+/-3557.307 χ^2/NDF : 4.6/6

asym_at2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 6377.013+/-4.154 χ^2/NDF : 158334.5/1

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

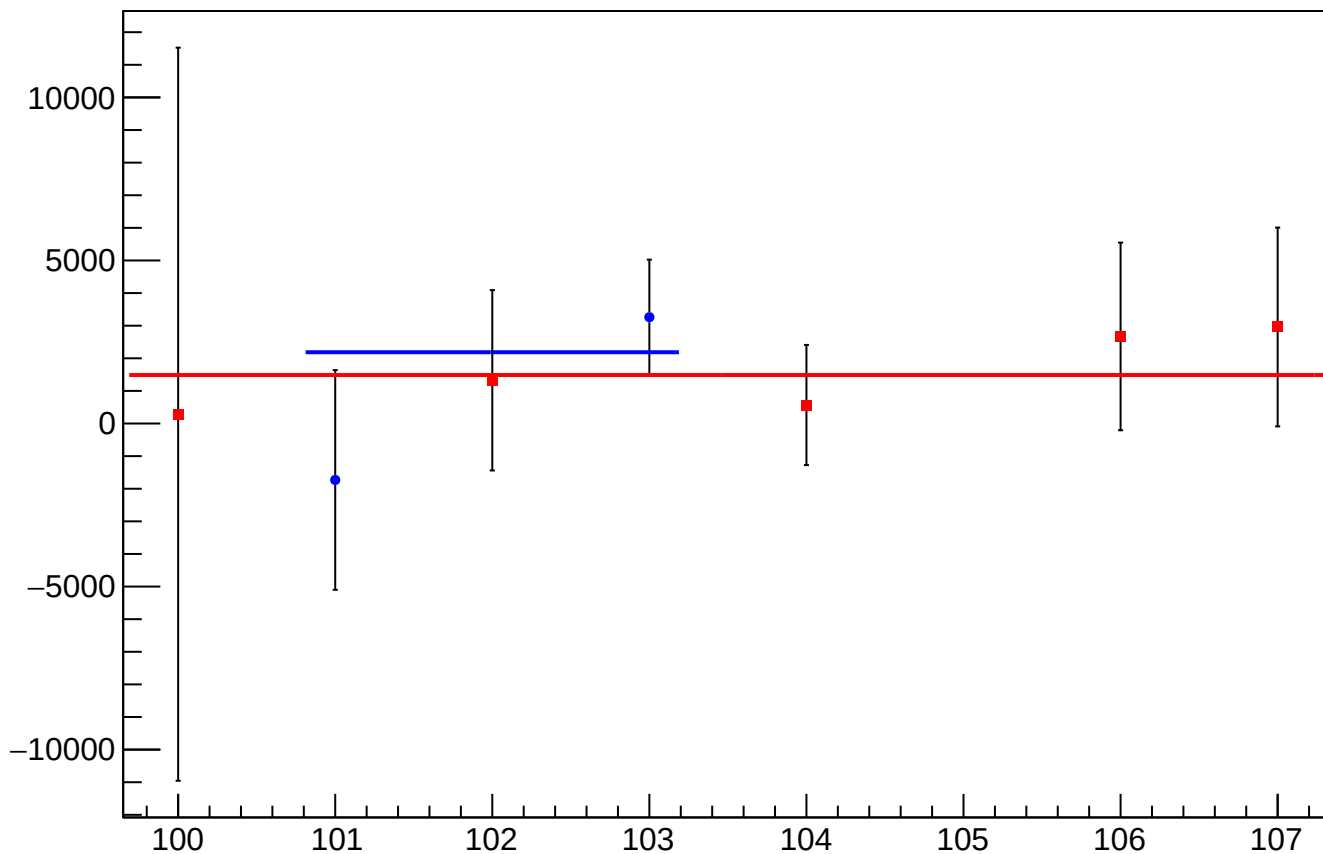
Right: 5912.002+/-2.515 χ^2/NDF : 372775.0/6

In: 6377.013+/-4.154 χ^2/NDF : 158334.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5912.002+/-2.515 χ^2/NDF : 372775.0/6

eigen_cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2185.804+/-1563.263 χ^2 /NDF: 1.7/1

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

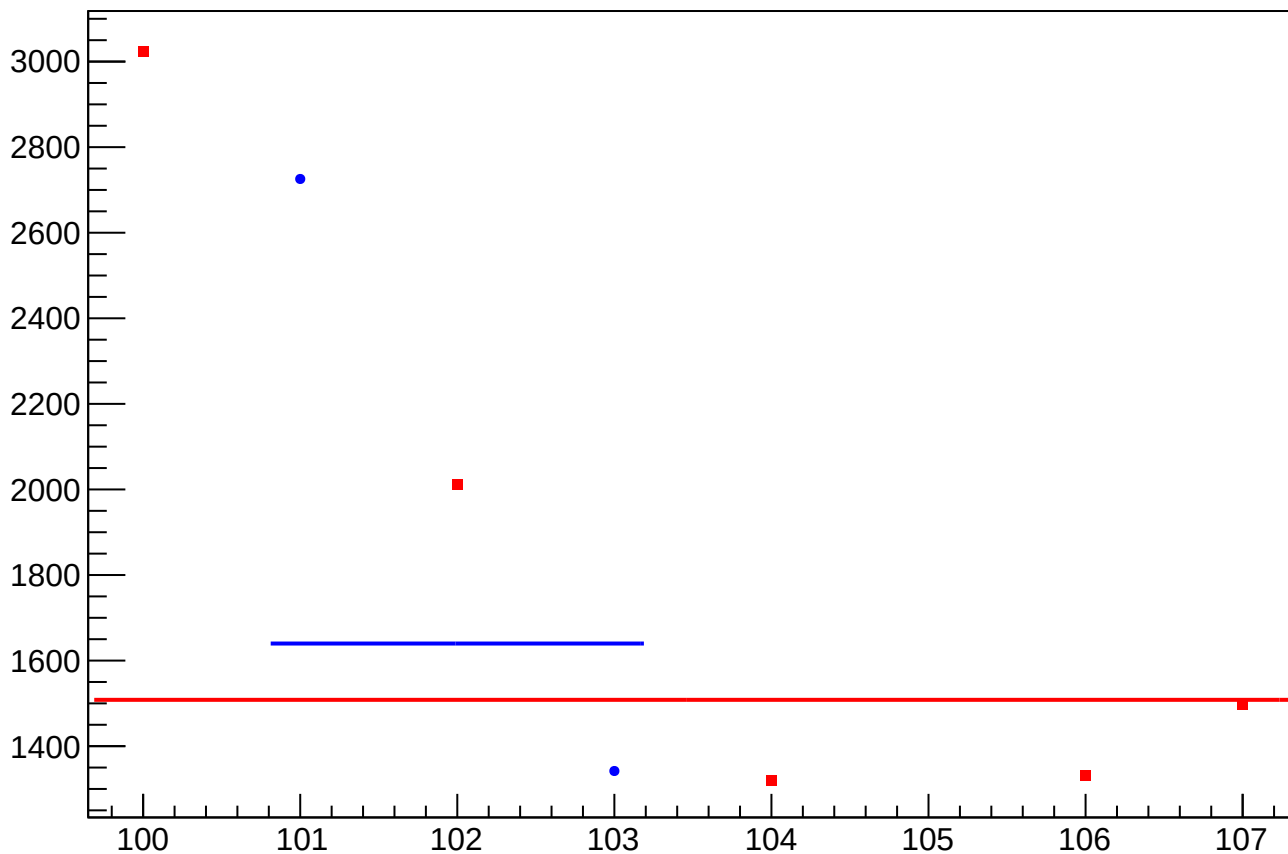
Right: 1753.979+/-966.379 χ^2 /NDF: 2.5/6

In: 2185.804+/-1563.263 χ^2 /NDF: 1.7/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1753.979+/-966.379 χ^2 /NDF: 2.5/6

eigen_cor_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1639.870+/-1.105 χ^2/NDF : 264722.3/1

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

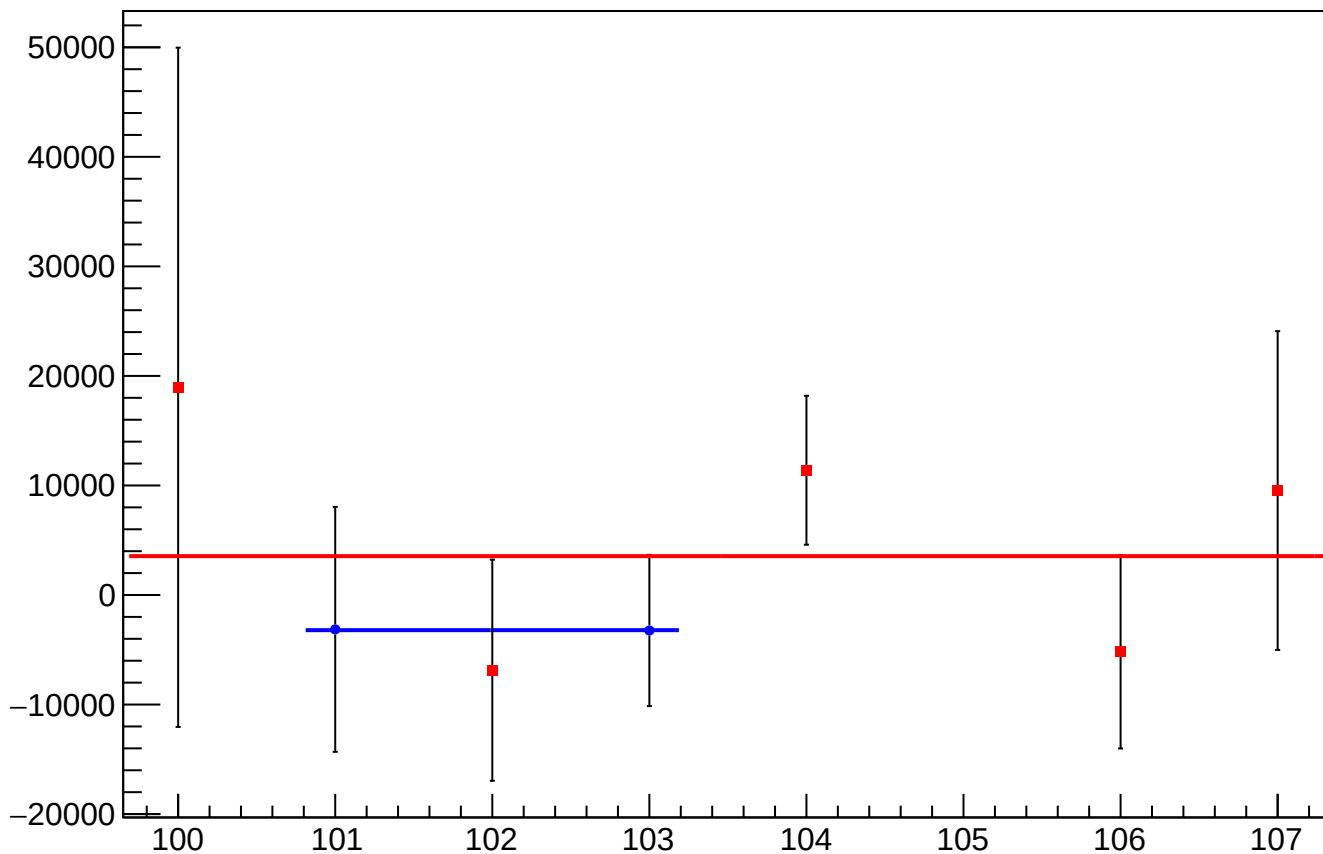
Right: 1558.570+/-0.683 χ^2/NDF : 404572.8/6

In: 1639.870+/-1.105 χ^2/NDF : 264722.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1558.570+/-0.683 χ^2/NDF : 404572.8/6

asym_at2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -3210.401+/-5874.646 χ^2/NDF : 0.0/1

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

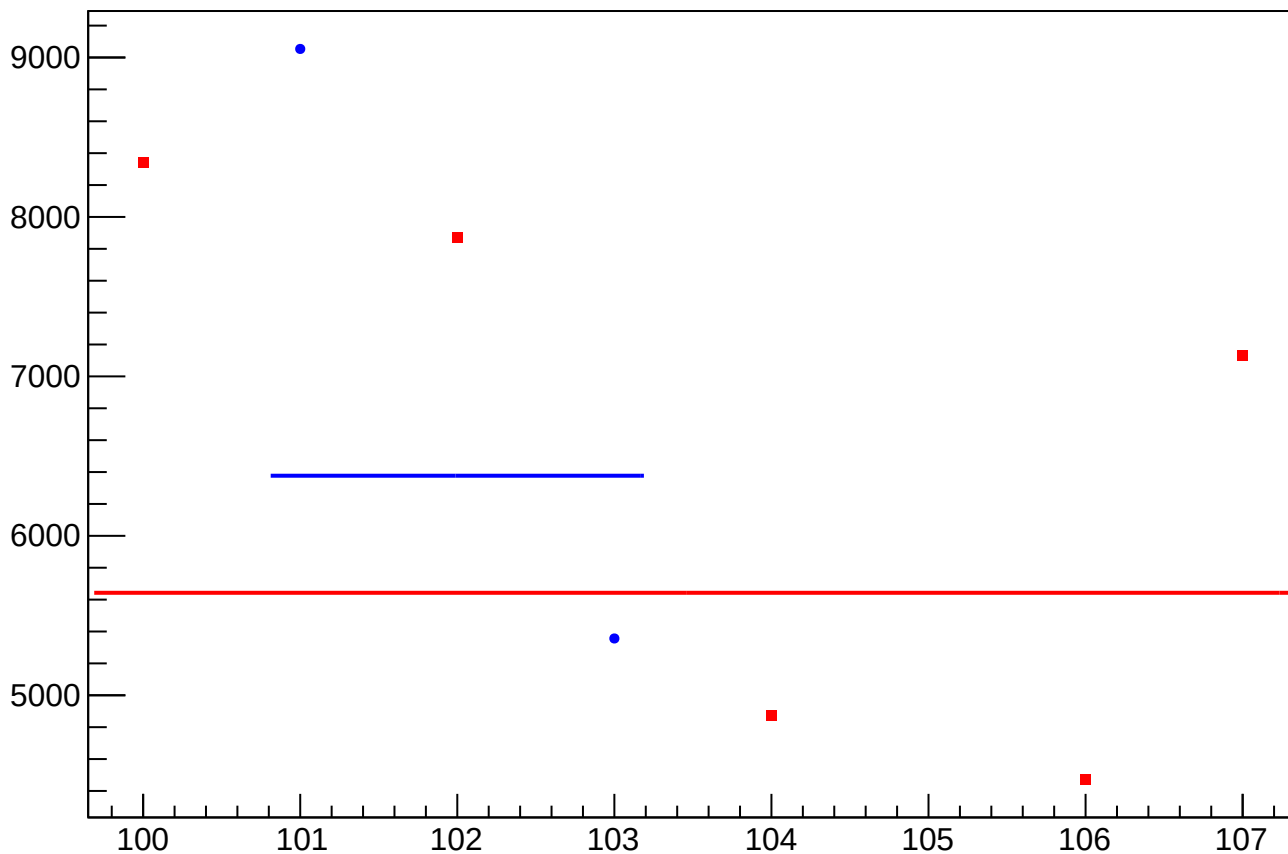
Right: 1069.757+/-3557.307 χ^2/NDF : 4.6/6

In: -3210.401+/-5874.646 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1069.757+/-3557.307 χ^2/NDF : 4.6/6

asym_at2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 6377.013 $\pm$ 4.154 χ^2 /NDF: 158334.5/1

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

Right Out: 5642.779 $\pm$ 3.161 χ^2 /NDF: 194654.3/4

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

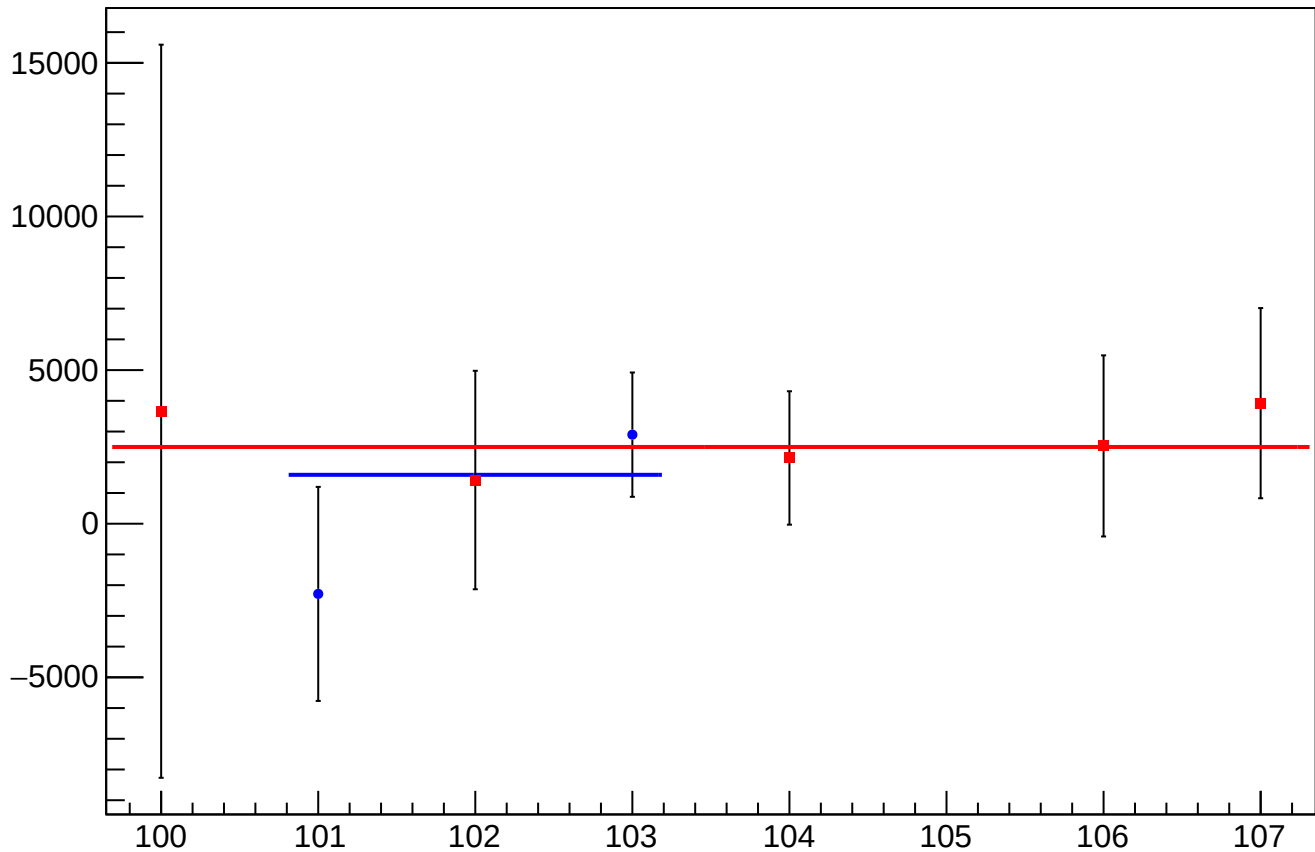
Right: 5912.002 $\pm$ 2.515 χ^2 /NDF: 372775.0/6

In: 6377.013 $\pm$ 4.154 χ^2 /NDF:158334.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 5912.002 $\pm$ 2.515 χ^2 /NDF: 372775.0/6

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 1591.376+/-1749.458 χ^2/NDF : 1.7/1

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

Right Out: 2497.806+/-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

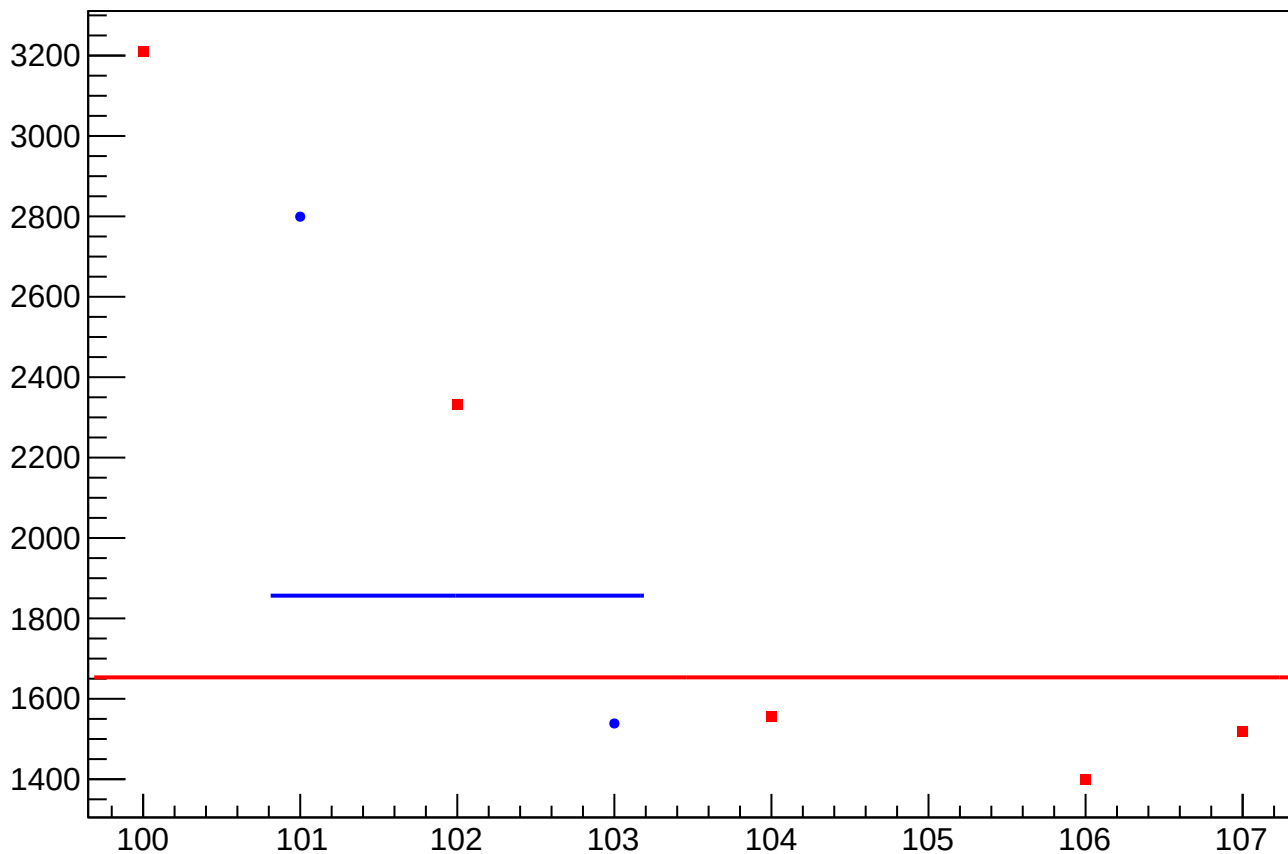
Right: 2147.103+/-1088.194 χ^2/NDF : 2.2/6

In: 1591.376+/-1749.458 χ^2/NDF : 1.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2147.103+/-1088.194 χ^2/NDF : 2.2/6

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1856.587+/-1.237 χ^2/NDF : 195861.4/1

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

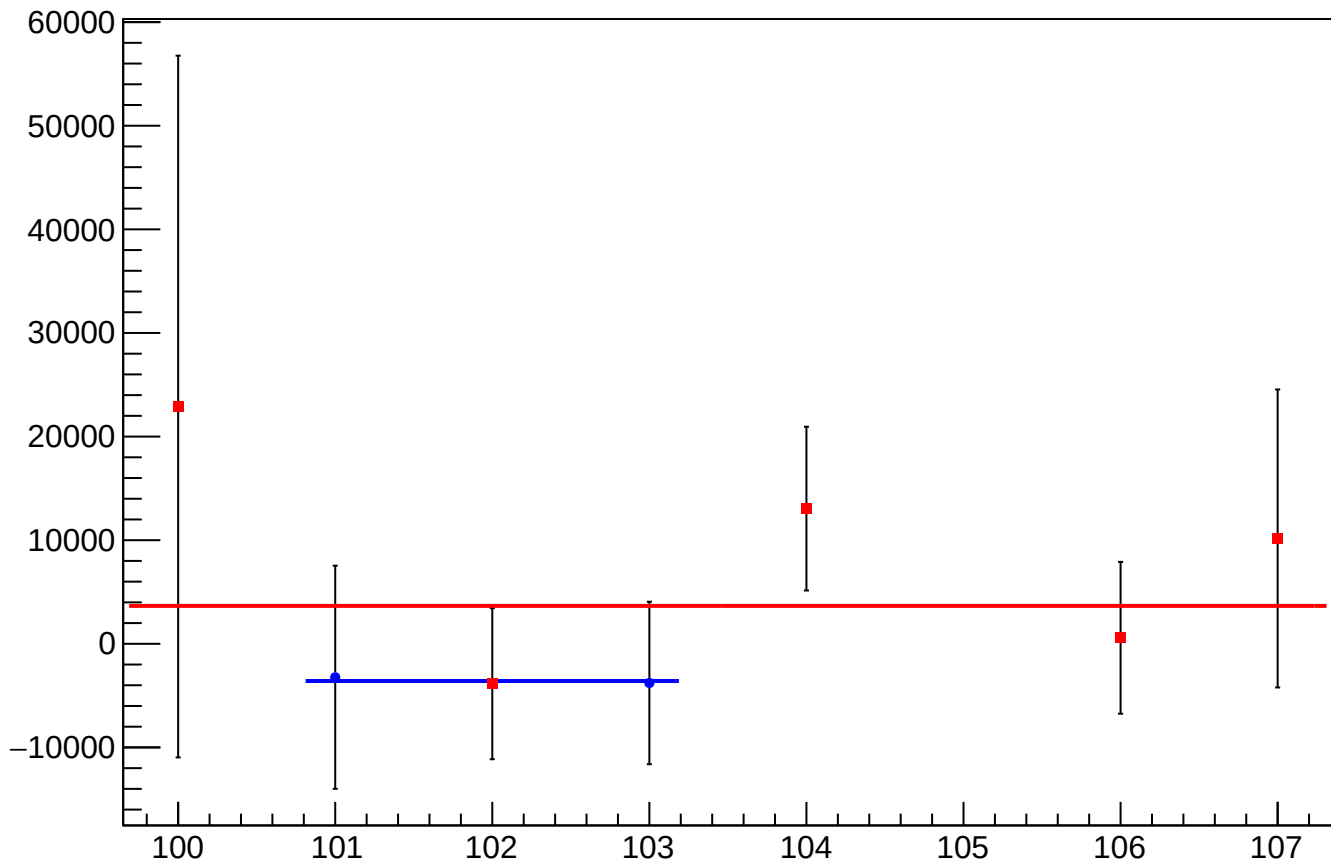
Right: 1731.801+/-0.769 χ^2/NDF : 342312.2/6

In: 1856.587+/-1.237 χ^2/NDF : 195861.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1731.801+/-0.769 χ^2/NDF : 342312.2/6

asym_at2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -3589.158+/-6337.121 χ^2/NDF : 0.0/1

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

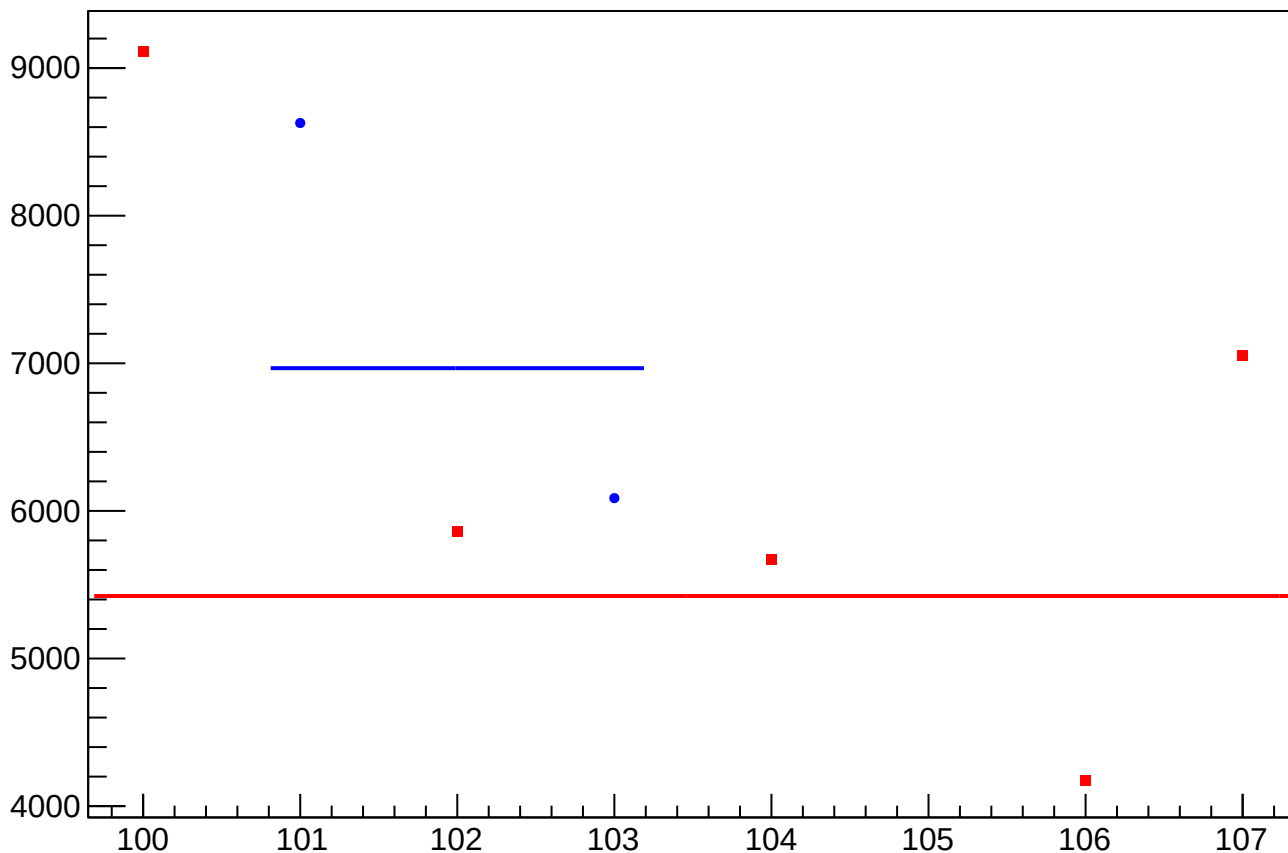
Right: 1512.383+/-3449.174 χ^2/NDF : 4.1/6

In: -3589.158+/-6337.121 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1512.383+/-3449.174 χ^2/NDF : 4.1/6

asym_at2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 6967.019+/-4.481 χ^2/NDF : 72834.0/1

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

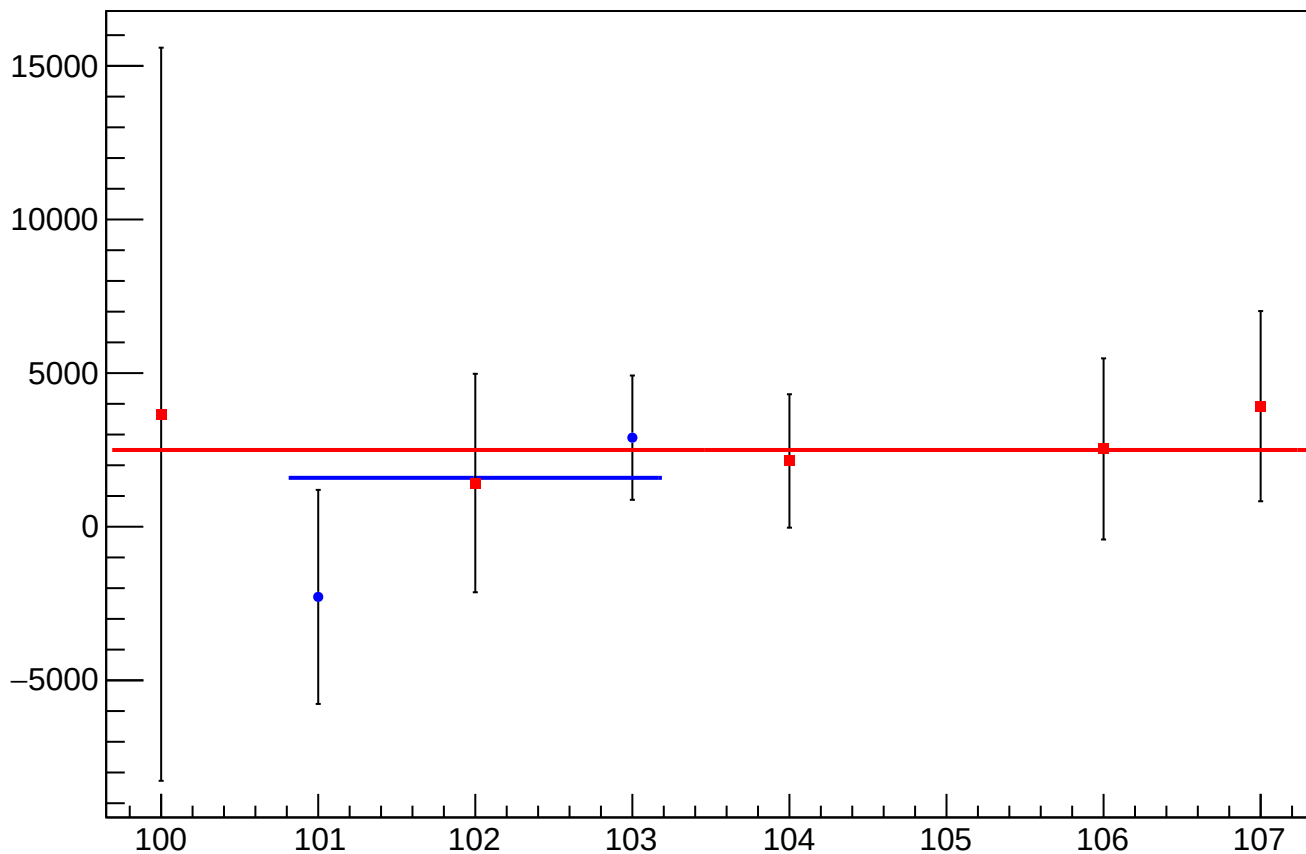
Right: 5880.722+/-2.439 χ^2/NDF : 272652.9/6

In: 6967.019+/-4.481 χ^2/NDF : 72834.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5880.722+/-2.439 χ^2/NDF : 272652.9/6

eigen_dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 1591.368+/-1749.458 χ^2/NDF : 1.7/1

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

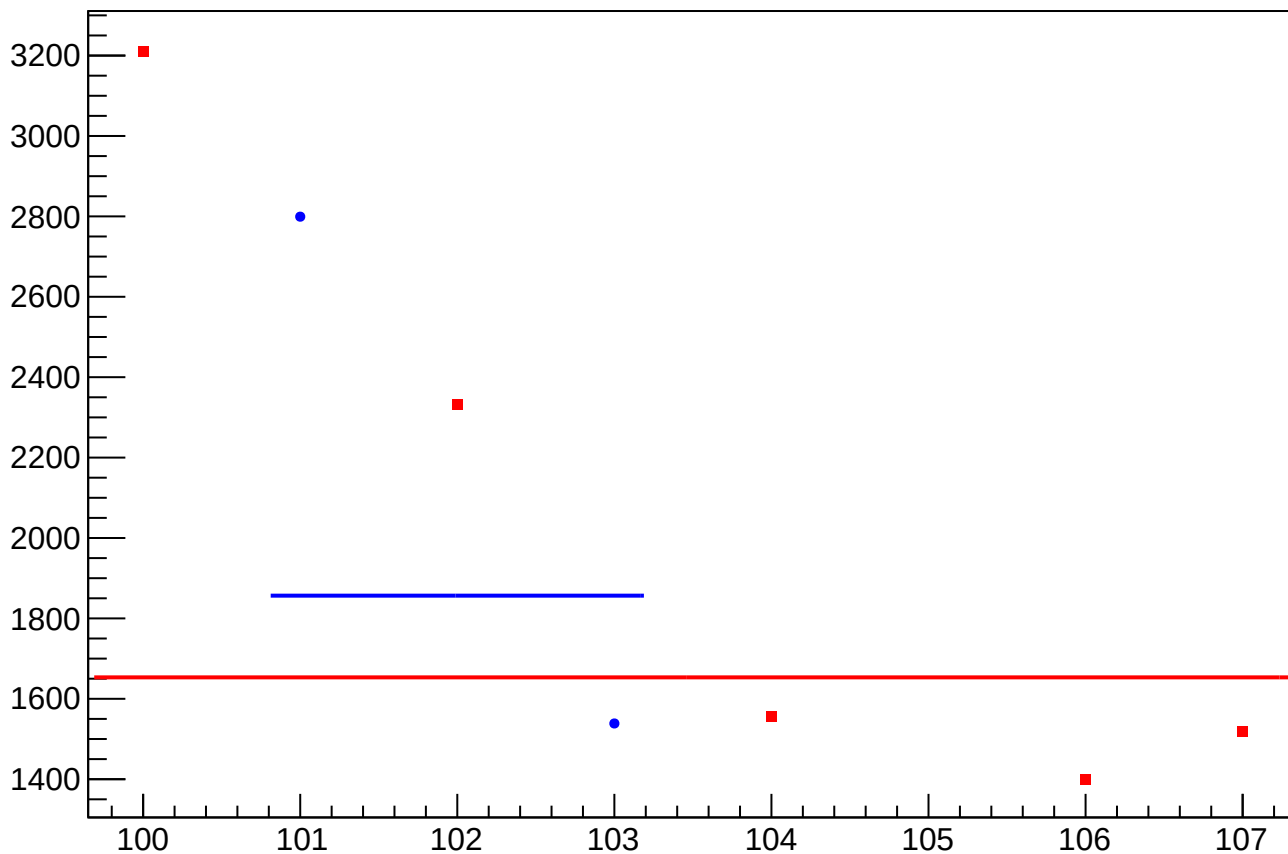
Right: 2147.102+/-1088.194 χ^2/NDF : 2.2/6

In: 1591.368+/-1749.458 χ^2/NDF : 1.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2147.102+/-1088.194 χ^2/NDF : 2.2/6

eigen_dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1856.587+/-1.237 χ^2/NDF : 195861.3/1

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

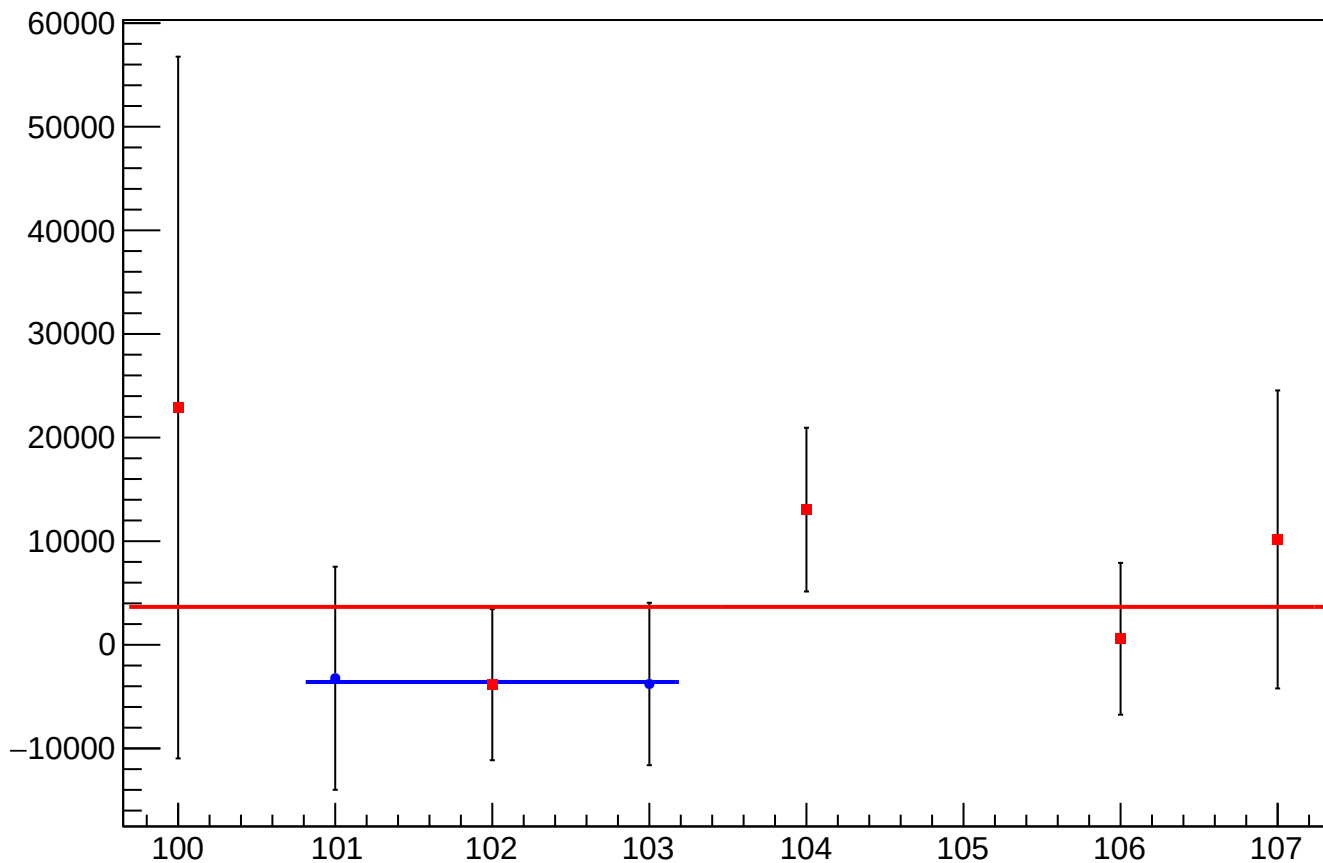
Right: 1731.801+/-0.769 χ^2/NDF : 342312.0/6

In: 1856.587+/-1.237 χ^2/NDF : 195861.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1731.801+/-0.769 χ^2/NDF : 342312.0/6

asym_at2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -3589.167+/-6337.118 χ^2/NDF : 0.0/1

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

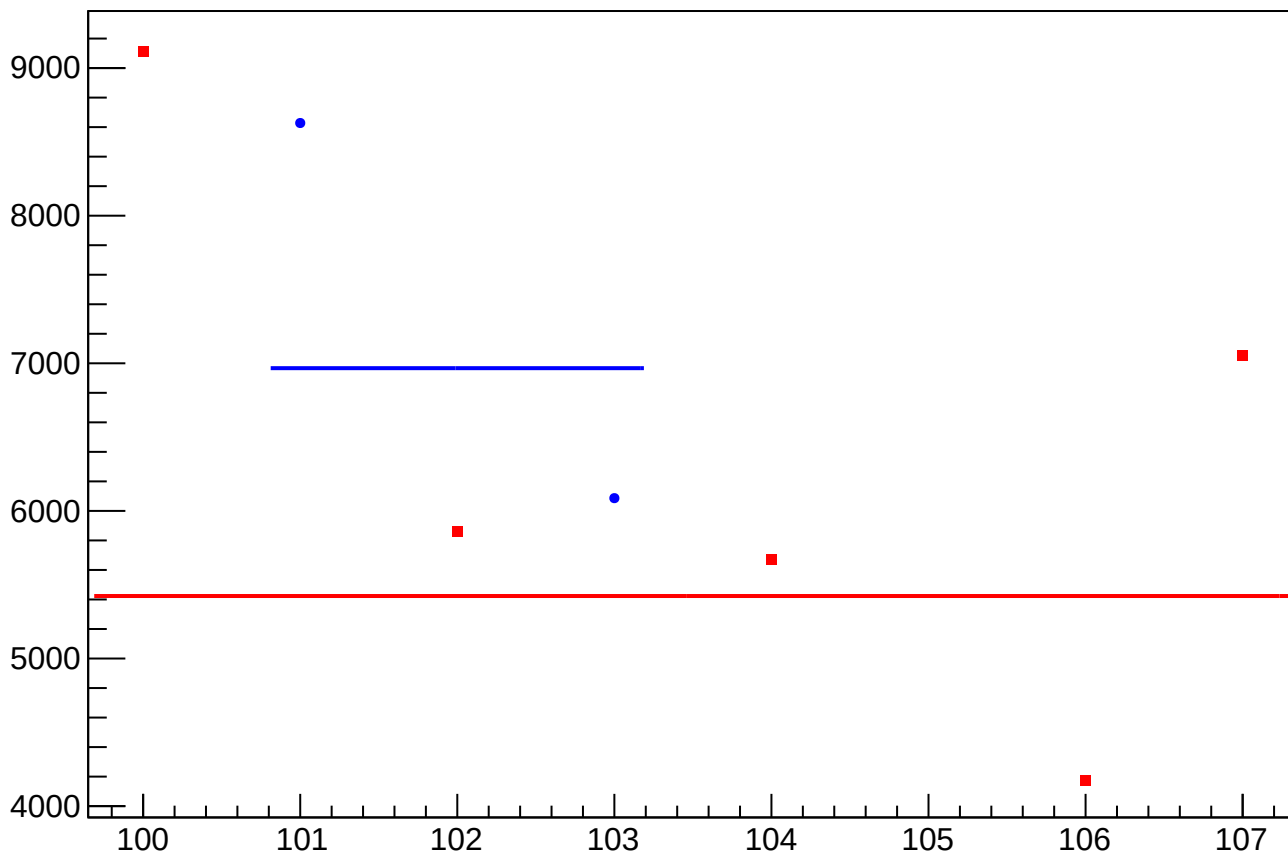
Right: 1512.389+/-3449.170 χ^2/NDF : 4.1/6

In: -3589.167+/-6337.118 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1512.389+/-3449.170 χ^2/NDF : 4.1/6

asym_at2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 6967.016+/-4.481 χ^2/NDF : 72833.6/1

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

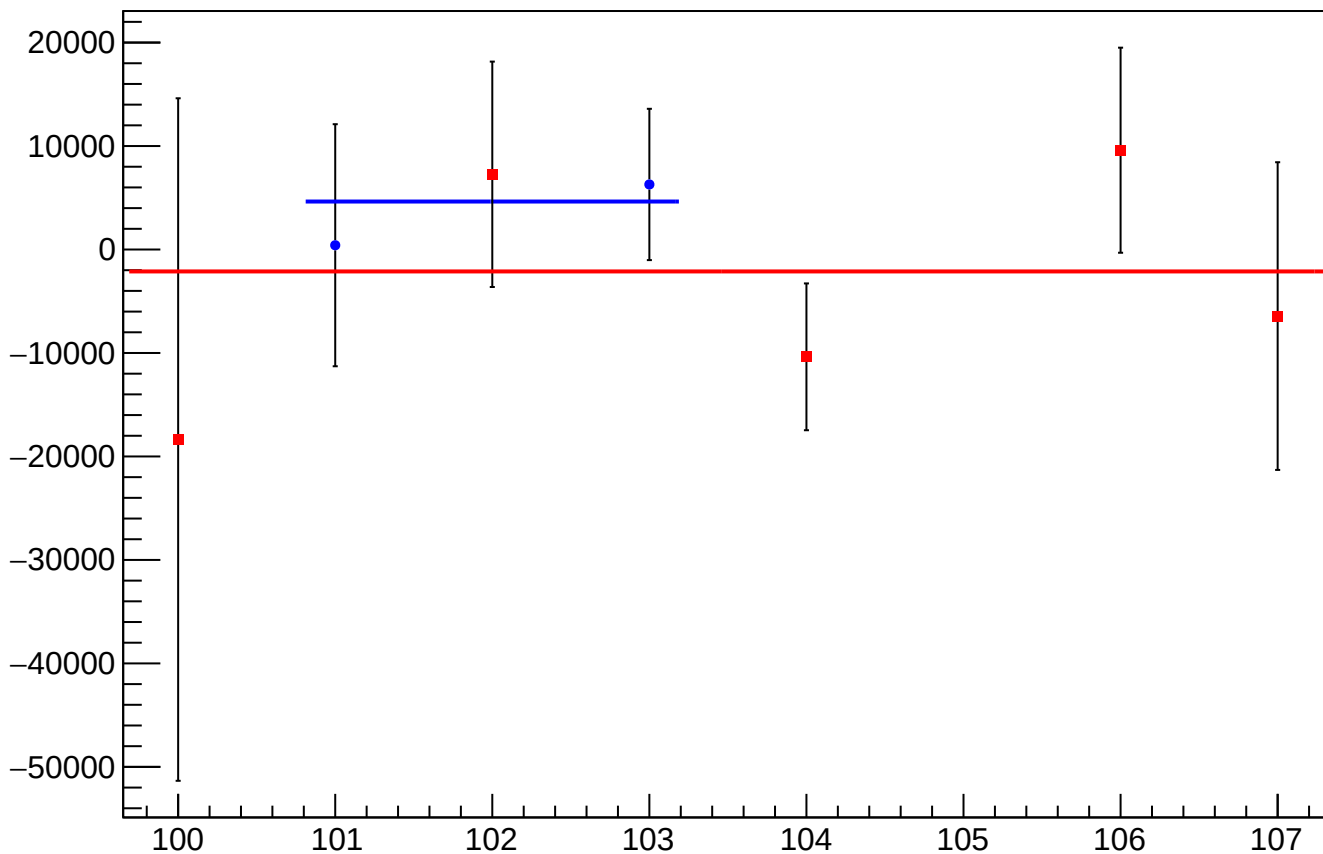
Right: 5880.715+/-2.439 χ^2/NDF : 272654.0/6

In: 6967.016+/-4.481 χ^2/NDF : 72833.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5880.715+/-2.439 χ^2/NDF : 272654.0/6

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 4637.248+/-6199.416 χ^2 /NDF: 0.2/1

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

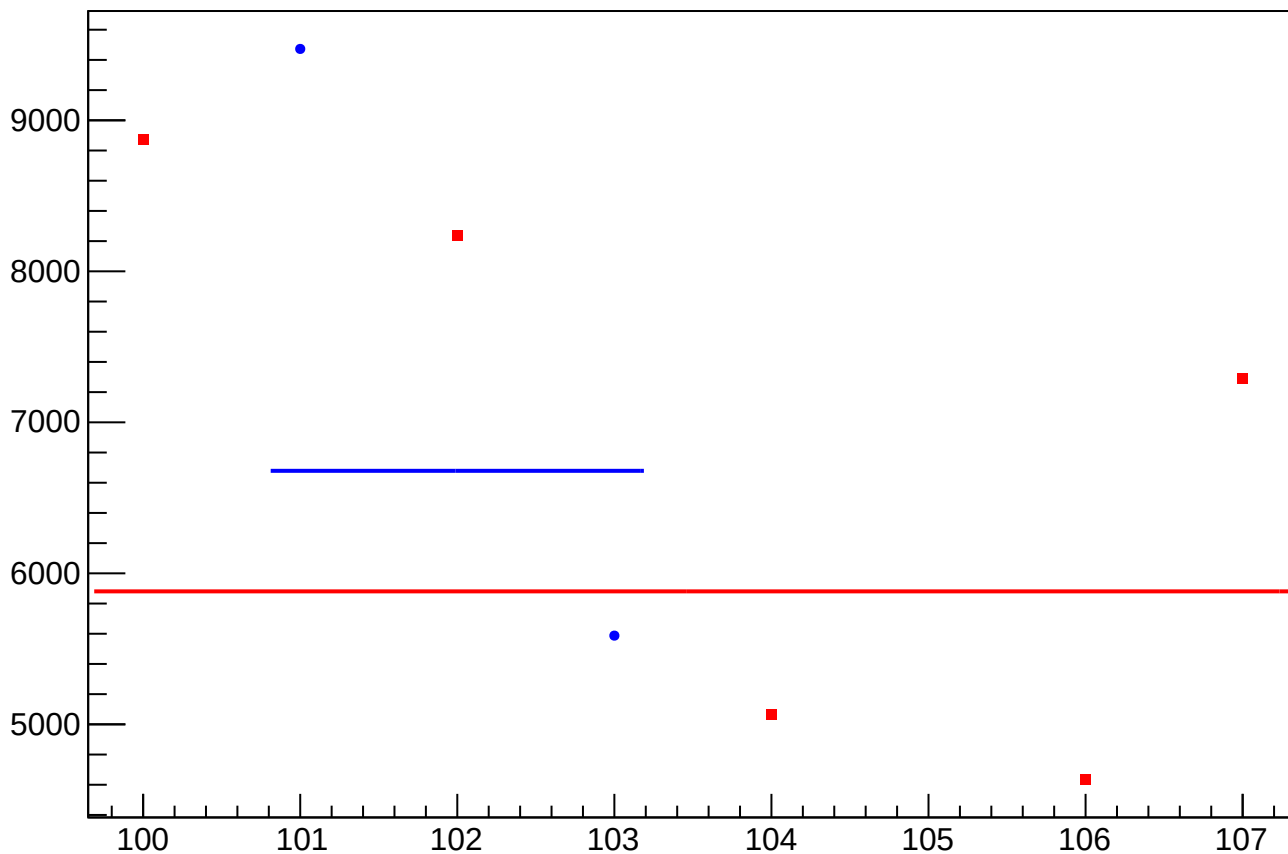
Right: 394.367+/-3781.085 χ^2 /NDF: 4.7/6

In: 4637.248+/-6199.416 χ^2 /NDF:0.2/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 394.367+/-3781.085 χ^2 /NDF: 4.7/6

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 6678.860+/-4.383 χ^2/NDF : 158687.1/1

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

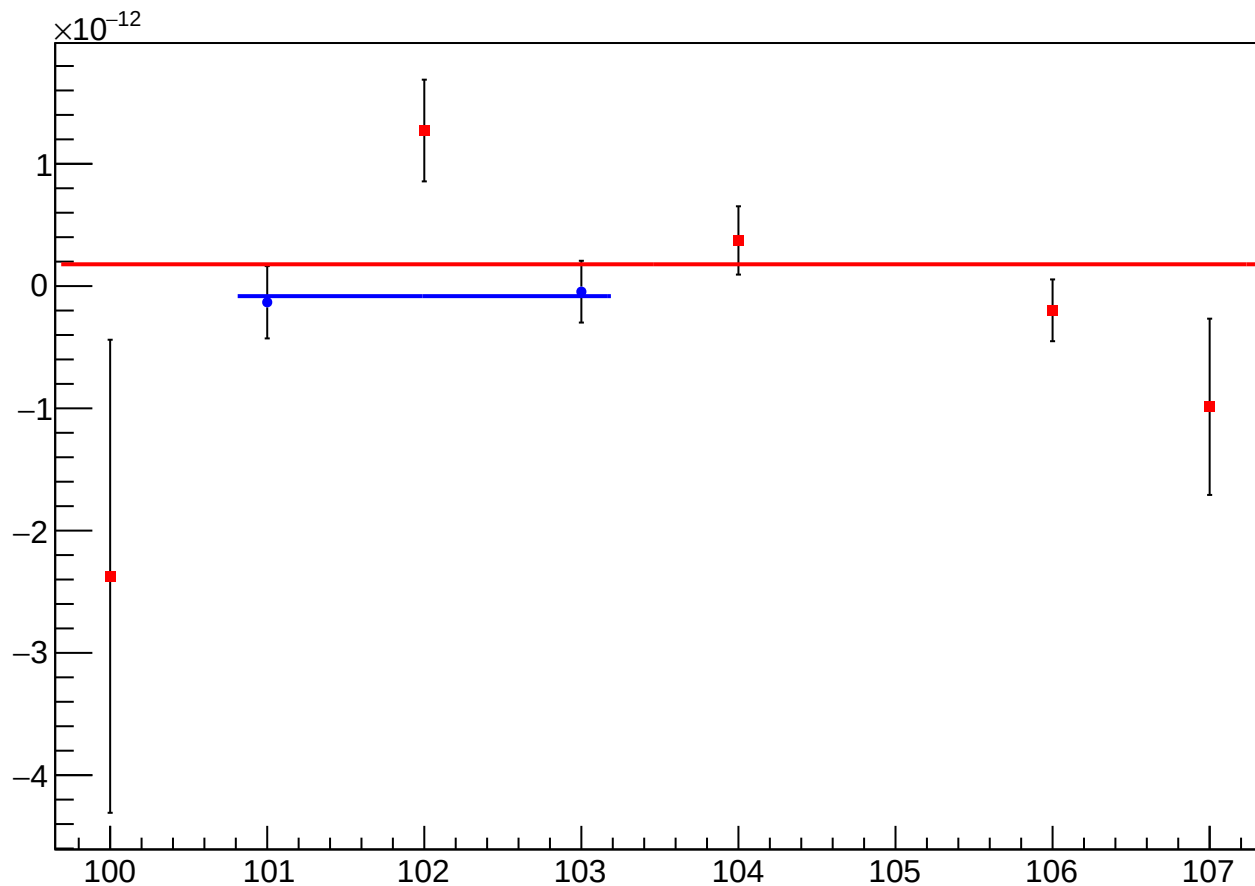
Right: 6177.477+/-2.673 χ^2/NDF : 365824.6/6

In: 6678.860+/-4.383 χ^2/NDF : 158687.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6177.477+/-2.673 χ^2/NDF : 365824.6/6

asym_at2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/1

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

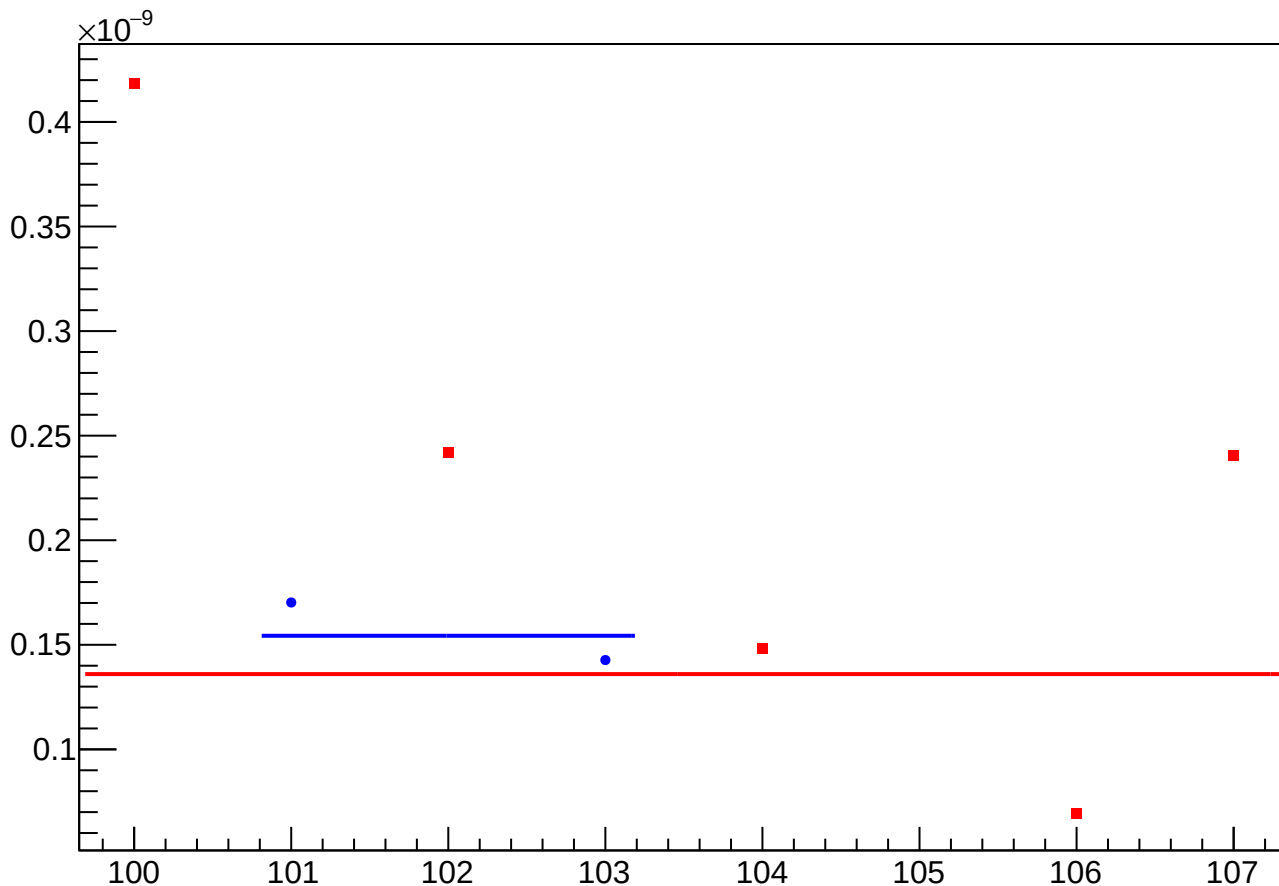
Right: 0.000+/-0.000 χ^2/NDF : 15.1/6

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.1/6

asym_at2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10010.8/1

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

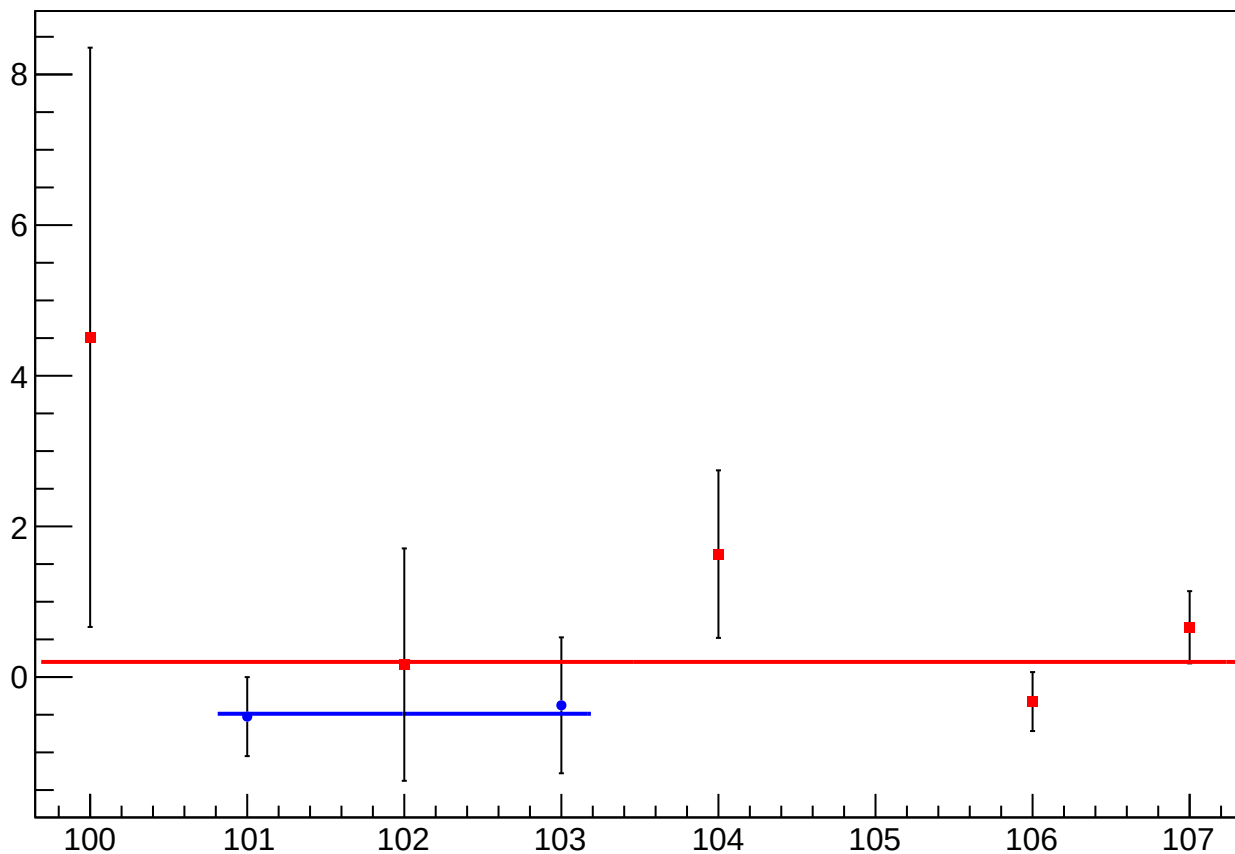
Right: 0.000+/-0.000 χ^2/NDF : 377583.0/6

In: 0.000+/-0.000 χ^2/NDF : 10010.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 377583.0/6

asym_at2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.487 $\pm$ 0.453 χ^2 /NDF: 0.0/1

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

Right Out: 0.201 $\pm$ 0.287 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

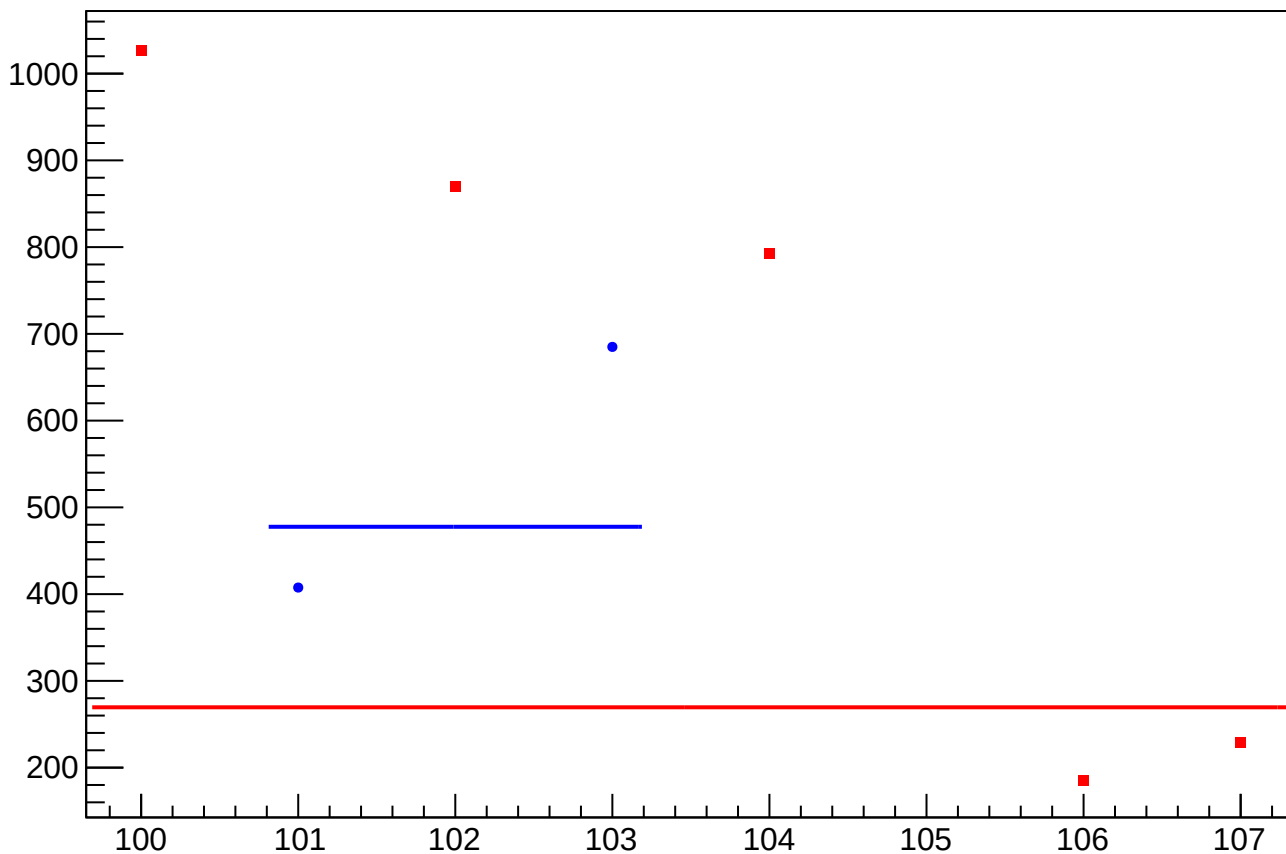
Right: 0.005 $\pm$ 0.242 χ^2 /NDF: 7.3/6

In: -0.487 $\pm$ 0.453 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.005 $\pm$ 0.242 χ^2 /NDF: 7.3/6

asym_at2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 477.629+/-0.321 χ^2/NDF : 141350.6/1

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

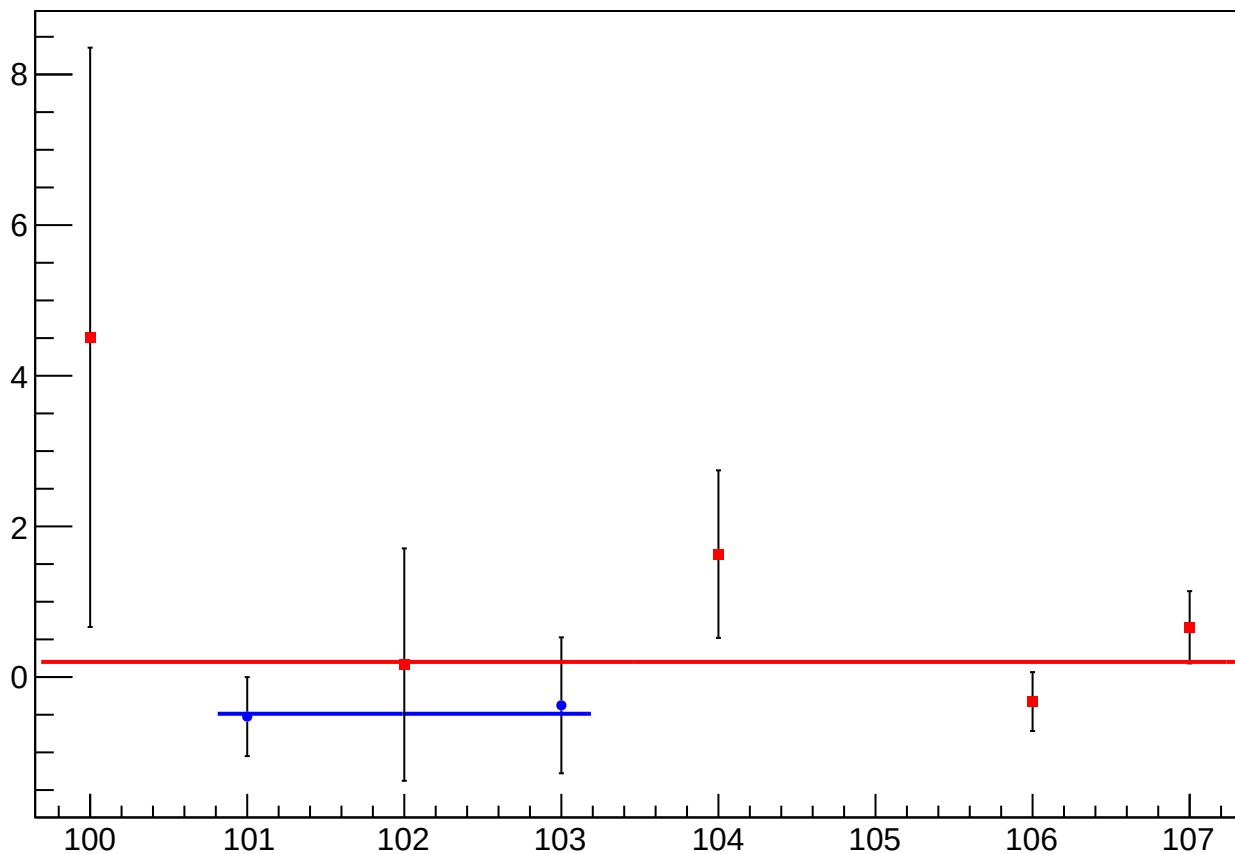
Right: 328.957+/-0.171 χ^2/NDF : 1372691.9/6

In: 477.629+/-0.321 χ^2/NDF : 141350.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.957+/-0.171 χ^2/NDF : 1372691.9/6

asym_at2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.487 $\pm$ 0.453 χ^2 /NDF: 0.0/1

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

Right Out: 0.201 $\pm$ 0.287 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

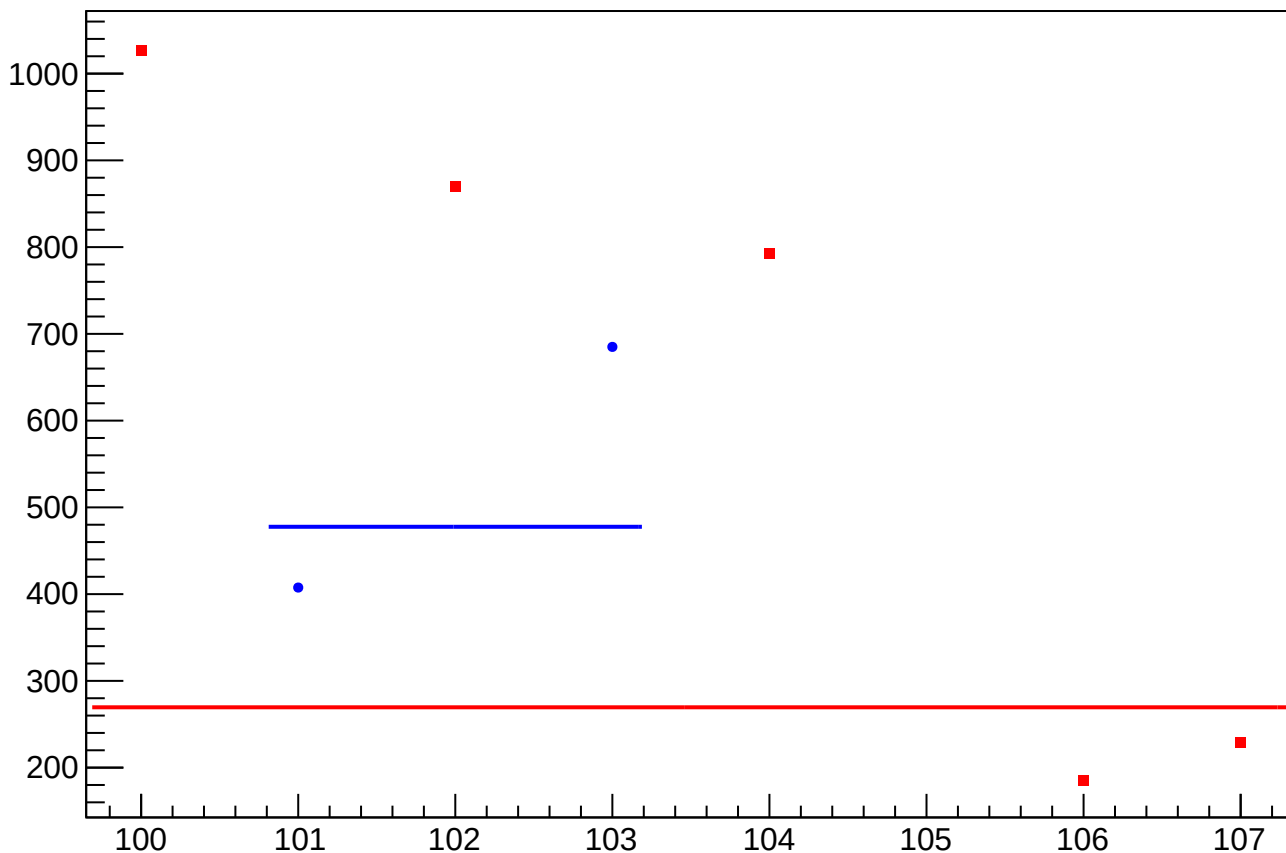
Right: 0.005 $\pm$ 0.242 χ^2 /NDF: 7.3/6

In: -0.487 $\pm$ 0.453 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.005 $\pm$ 0.242 χ^2 /NDF: 7.3/6

asym_at2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 477.629+/-0.321 χ^2/NDF : 141350.6/1

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

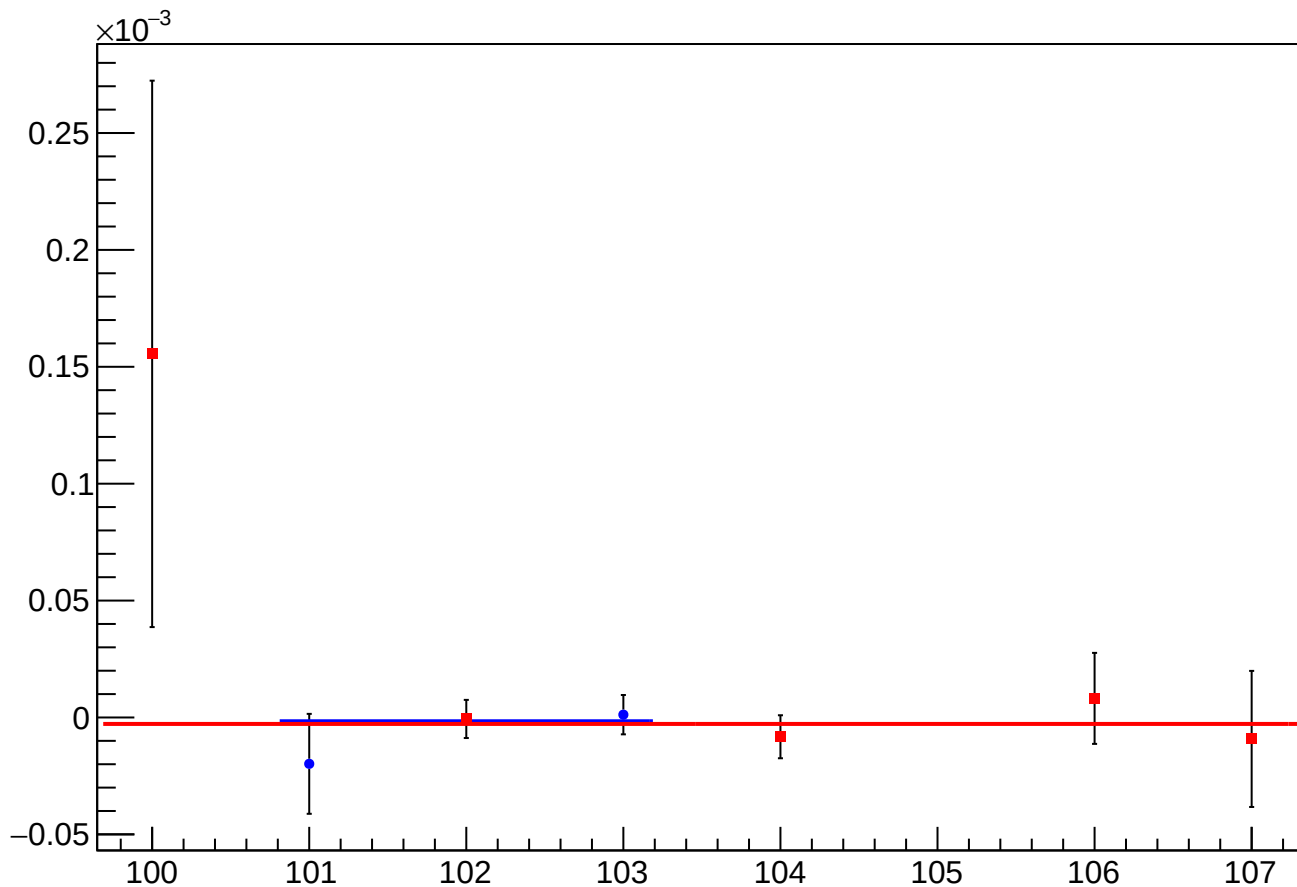
Right: 328.957+/-0.171 χ^2/NDF : 1372691.9/6

In: 477.629+/-0.321 χ^2/NDF : 141350.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.957+/-0.171 χ^2/NDF : 1372691.9/6

asym_at2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.8/1

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

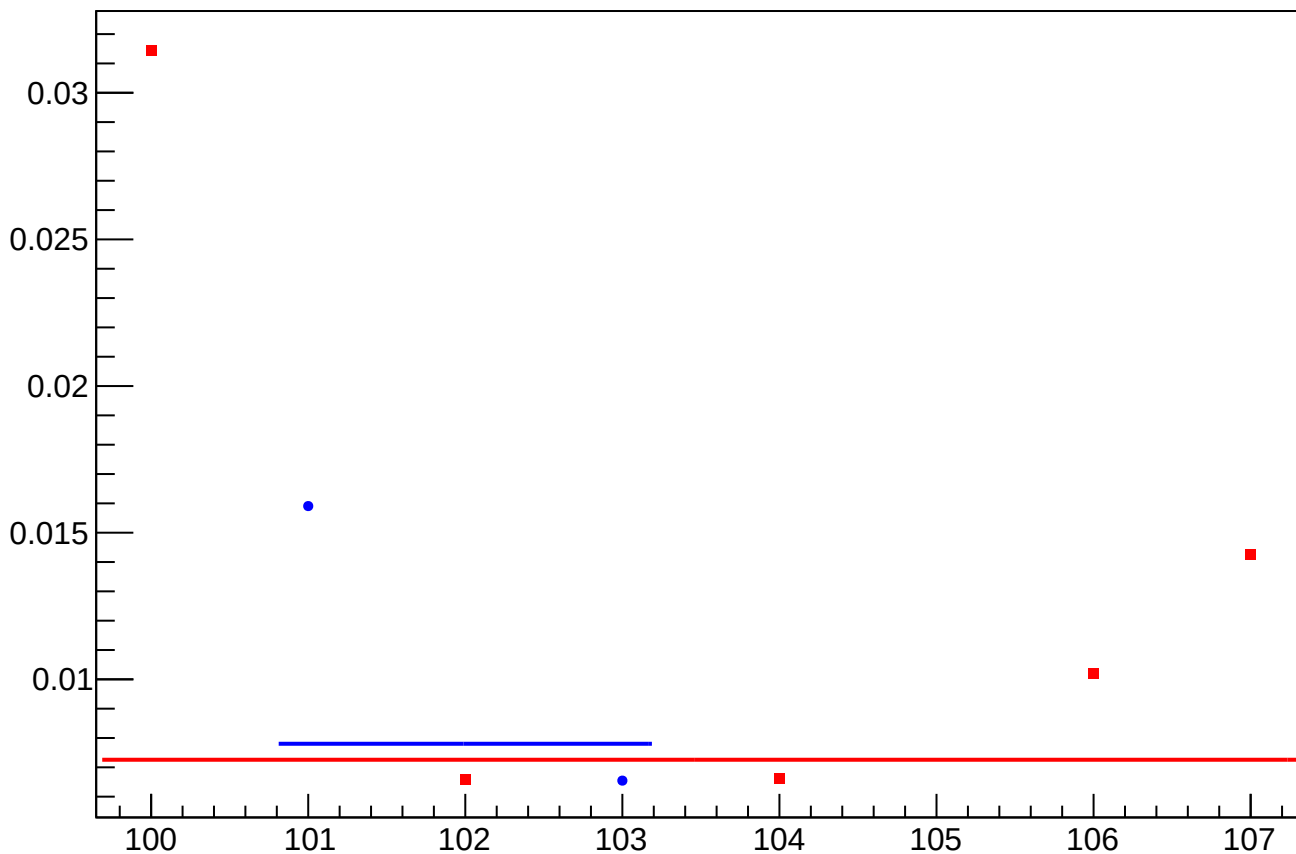
Right: -0.000+/-0.000 χ^2/NDF : 3.5/6

In: -0.000+/-0.000 χ^2/NDF : 0.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.5/6

asym_at2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 332217.3/1

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

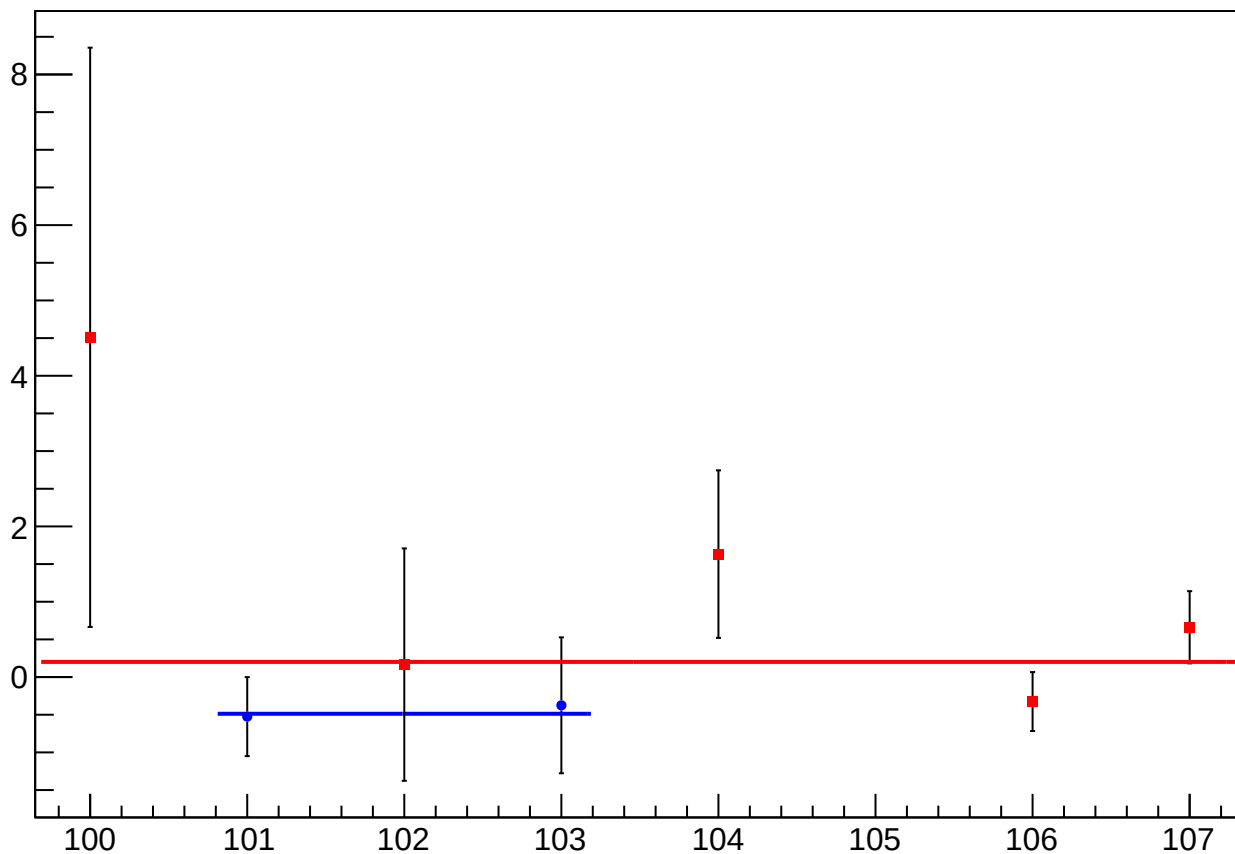
Right: 0.007+/-0.000 χ^2/NDF : 609512.7/6

In: 0.008+/-0.000 χ^2/NDF : 332217.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 609512.7/6

asym_at2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.487 $\pm$ 0.453 χ^2 /NDF: 0.0/1

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

Right Out: 0.201 $\pm$ 0.287 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

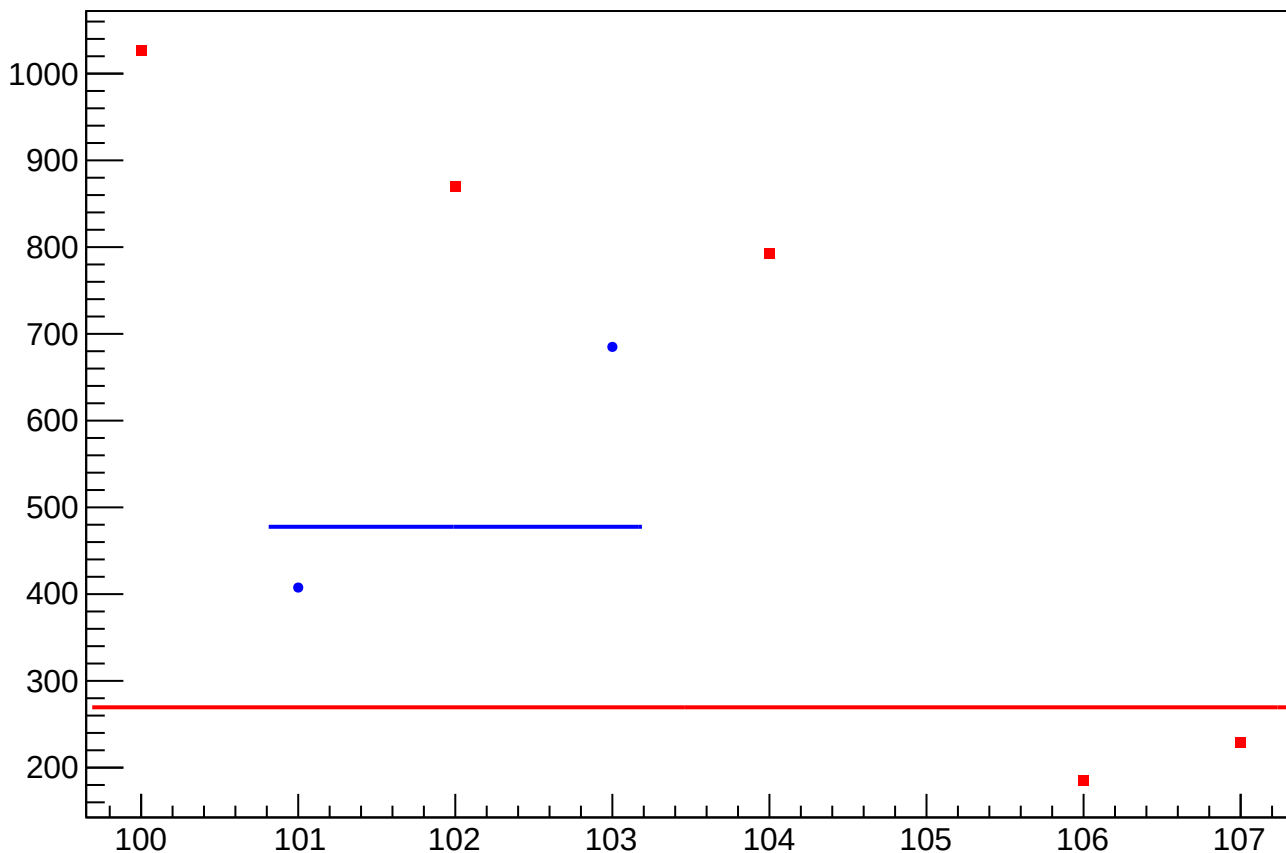
Right: 0.005 $\pm$ 0.242 χ^2 /NDF: 7.3/6

In: -0.487 $\pm$ 0.453 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.005 $\pm$ 0.242 χ^2 /NDF: 7.3/6

asym_at2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 477.624+/-0.321 χ^2/NDF : 141356.3/1

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

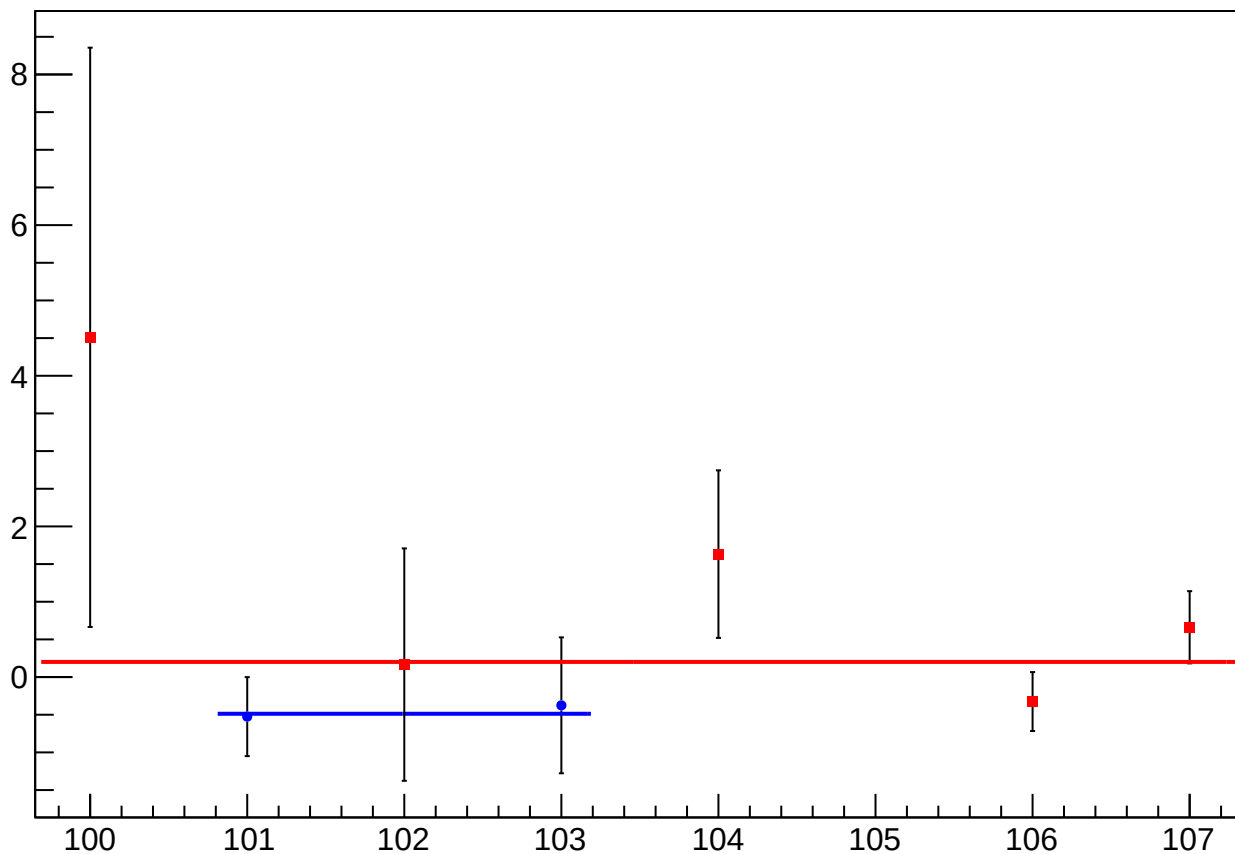
Right: 328.956+/-0.171 χ^2/NDF : 1372686.8/6

In: 477.624+/-0.321 χ^2/NDF : 141356.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.956+/-0.171 χ^2/NDF : 1372686.8/6

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.487 $\pm$ 0.453 χ^2 /NDF: 0.0/1

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

Right Out: 0.201 $\pm$ 0.287 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

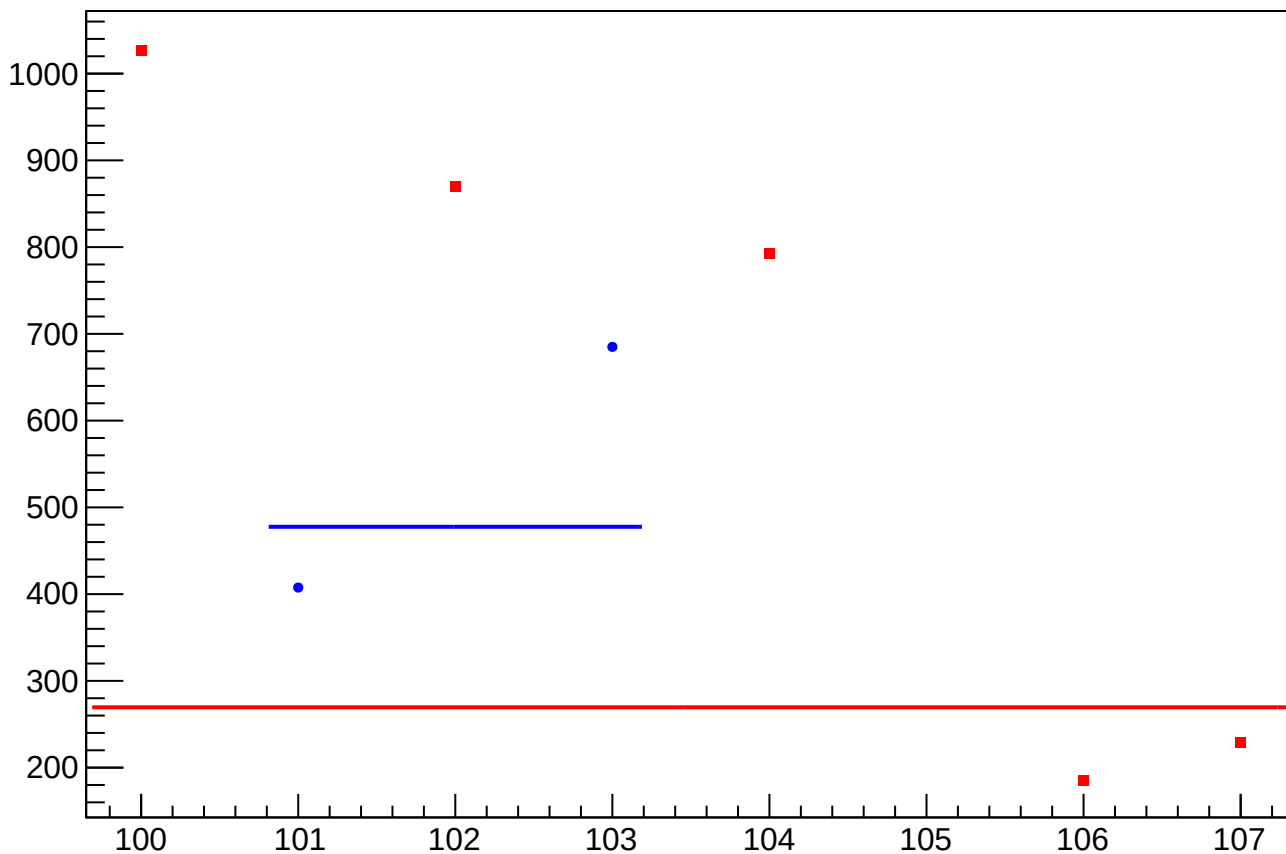
Right: 0.005 $\pm$ 0.242 χ^2 /NDF: 7.3/6

In: -0.487 $\pm$ 0.453 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.005 $\pm$ 0.242 χ^2 /NDF: 7.3/6

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 477.624+/-0.321 χ^2/NDF : 141356.3/1

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

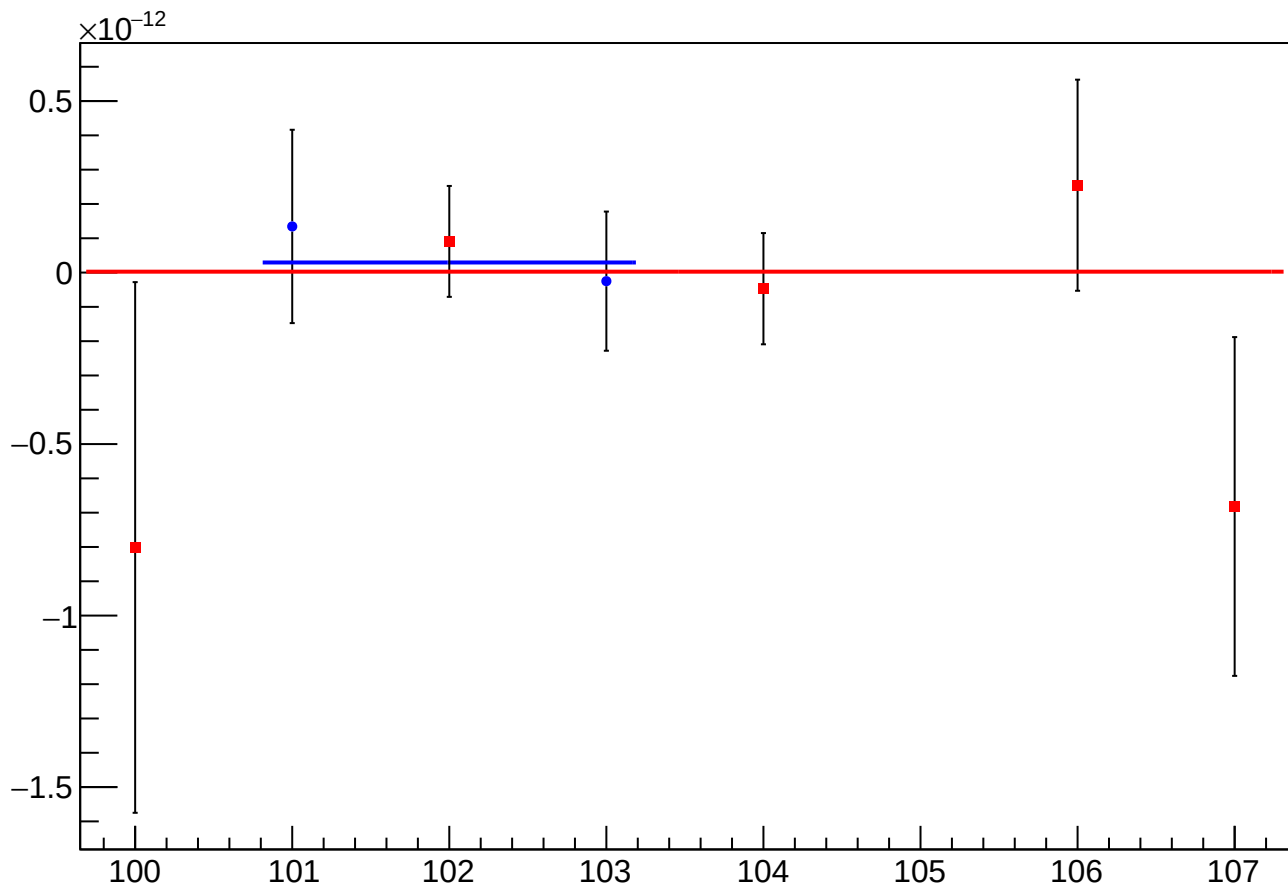
Right: 328.956+/-0.171 χ^2/NDF : 1372686.8/6

In: 477.624+/-0.321 χ^2/NDF : 141356.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.956+/-0.171 χ^2/NDF : 1372686.8/6

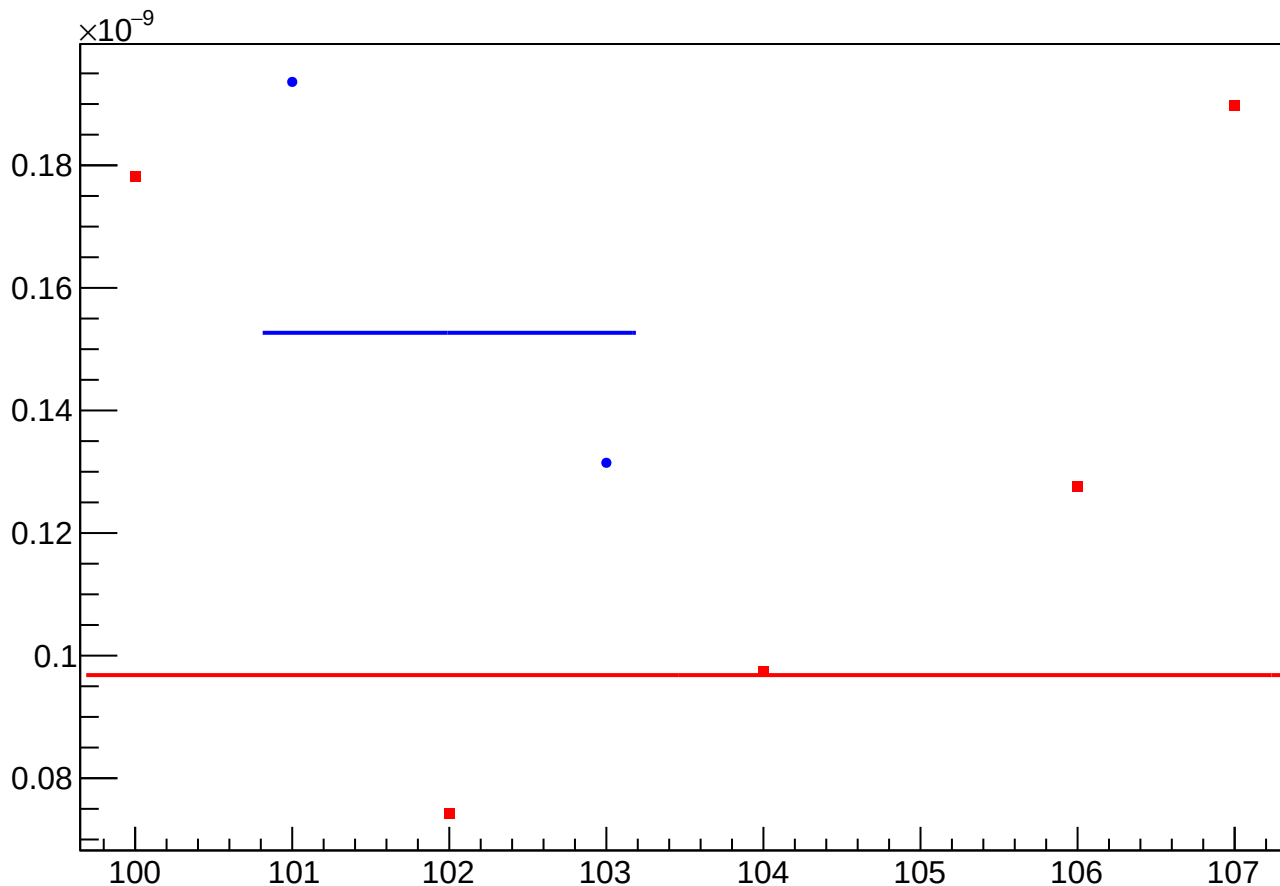
asym_at2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.2/1
 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 : 4.3/6
 In: 0.000+/-0.000 χ^2/NDF : 0.2/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 4.3/6

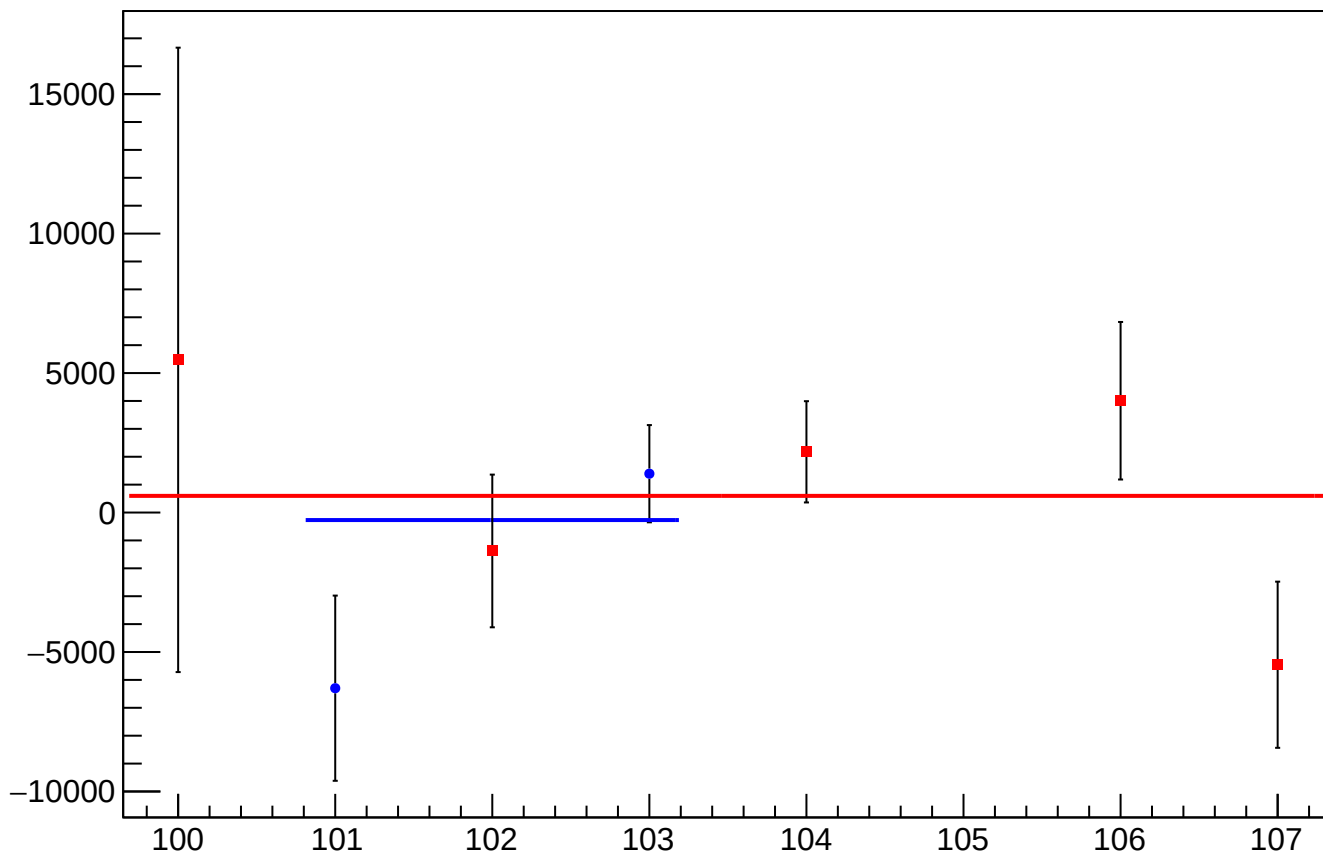
asym_at2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 64067.5/1
 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 : 380407.2/6
 In: 0.000+/-0.000 χ^2/NDF : 64067.5/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 380407.2/6

reg_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -269.653+/-1543.336 χ^2/NDF : 4.2/1

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

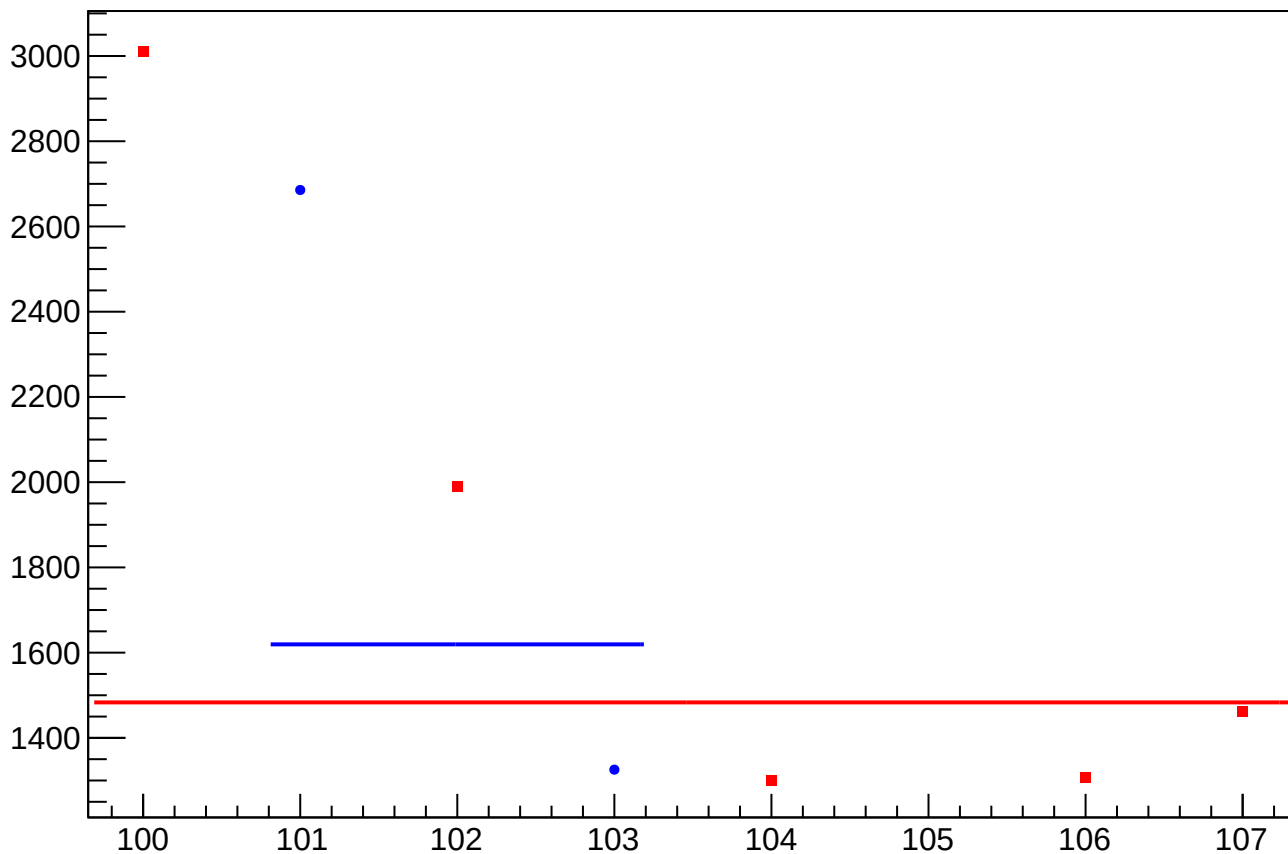
Right: 267.397+/-952.185 χ^2/NDF : 11.5/6

In: -269.653+/-1543.336 χ^2/NDF : 4.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 267.397+/-952.185 χ^2/NDF : 11.5/6

reg_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1619.435+/-1.091 χ^2/NDF : 263170.3/1

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

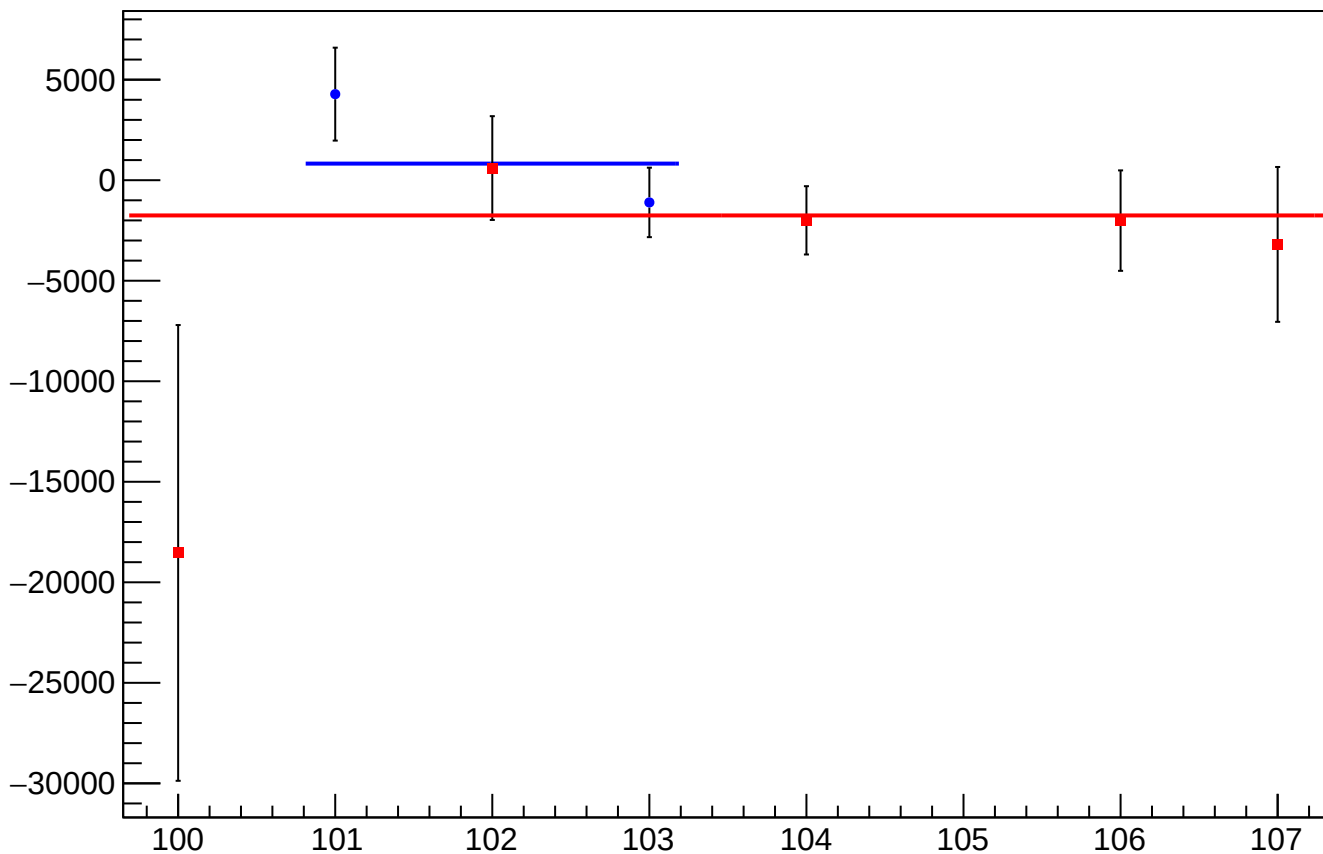
Right: 1535.084+/-0.673 χ^2/NDF : 406777.9/6

In: 1619.435+/-1.091 χ^2/NDF : 263170.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1535.084+/-0.673 χ^2/NDF : 406777.9/6

asym_at2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 825.410 ± 1383.727 χ^2/NDF : 3.5/1

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

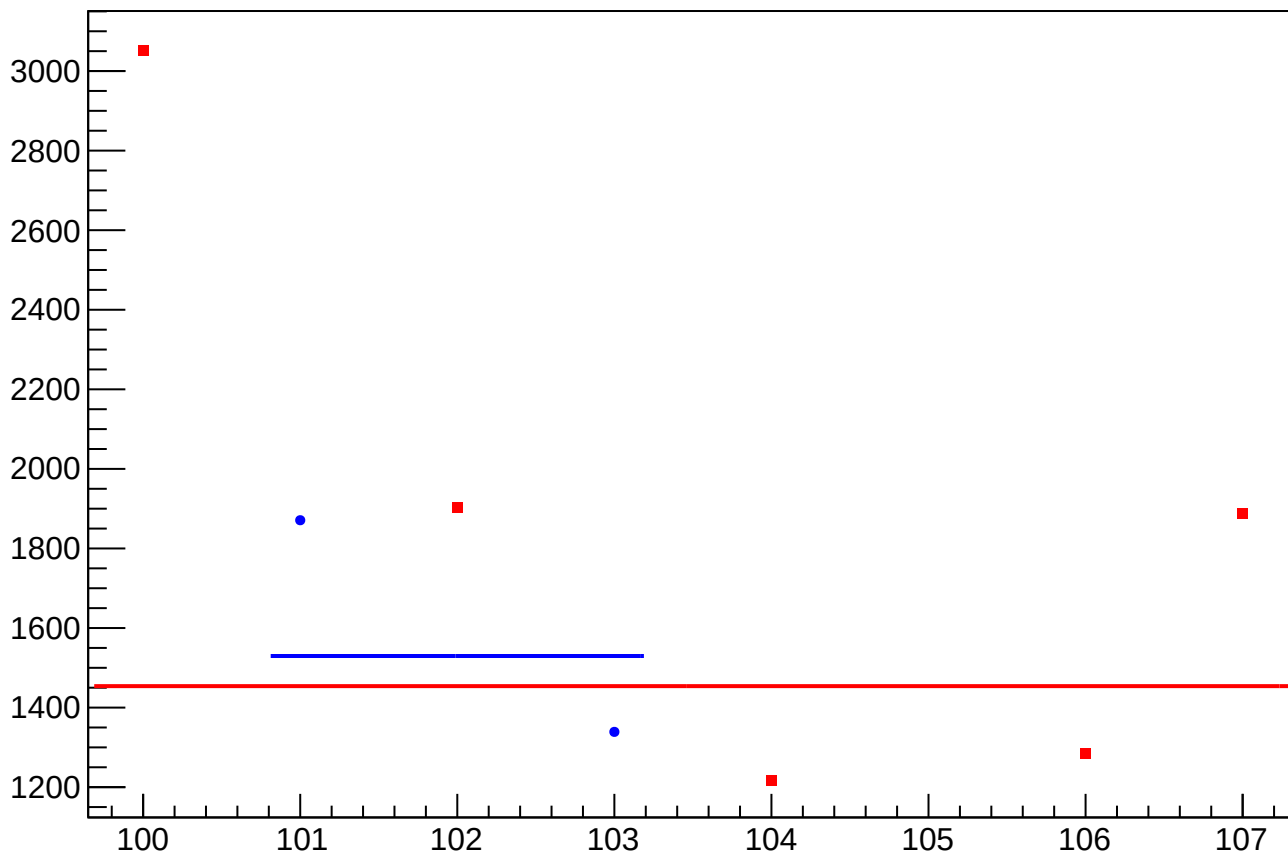
Right: -679.282 ± 892.829 χ^2/NDF : 8.7/6

In: 825.410 ± 1383.727 χ^2/NDF : 3.5/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -679.282 ± 892.829 χ^2/NDF : 8.7/6

asym_at2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1529.683+/-0.978 χ^2/NDF : 67982.8/1

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

Right Out: 1453.957+/-0.826 χ^2/NDF : 174156.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

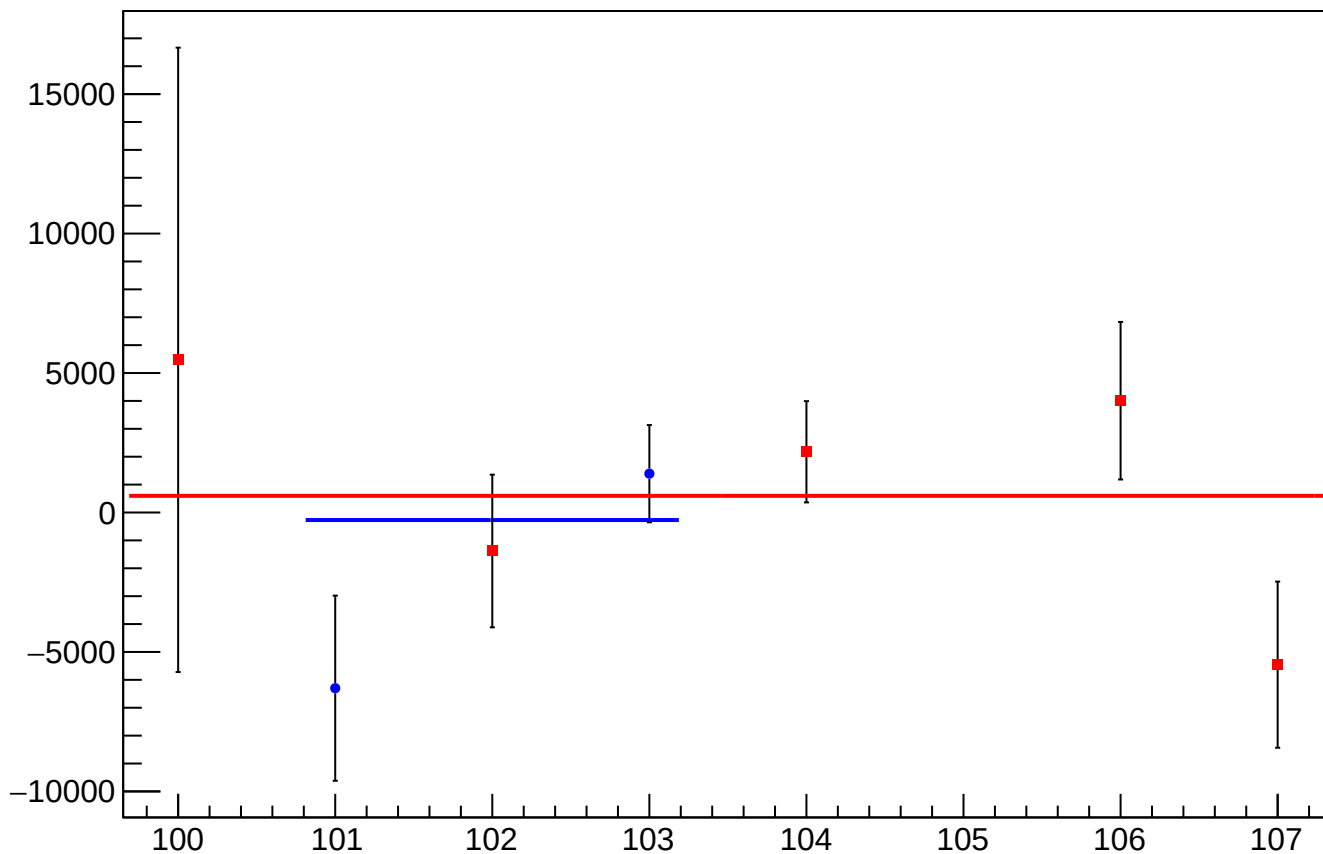
Right: 1485.484+/-0.631 χ^2/NDF : 245635.4/6

In: 1529.683+/-0.978 χ^2/NDF : 67982.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1485.484+/-0.631 χ^2/NDF : 245635.4/6

cor_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -270.278+/-1543.337 χ^2/NDF : 4.2/1

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

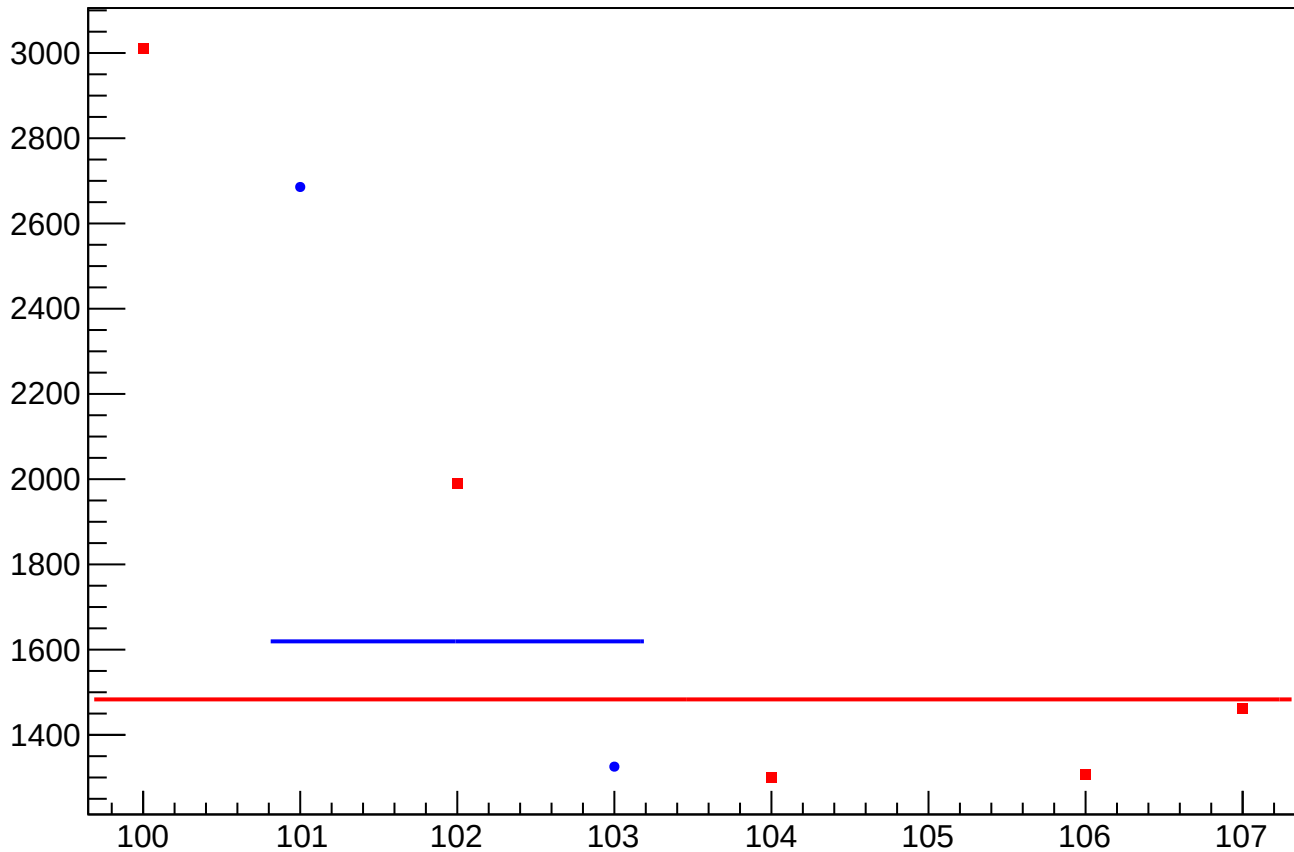
Right: 266.798+/-952.186 χ^2/NDF : 11.5/6

In: -270.278+/-1543.337 χ^2/NDF : 4.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 266.798+/-952.186 χ^2/NDF : 11.5/6

cor_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1619.434+/-1.091 χ^2/NDF : 263170.5/1

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

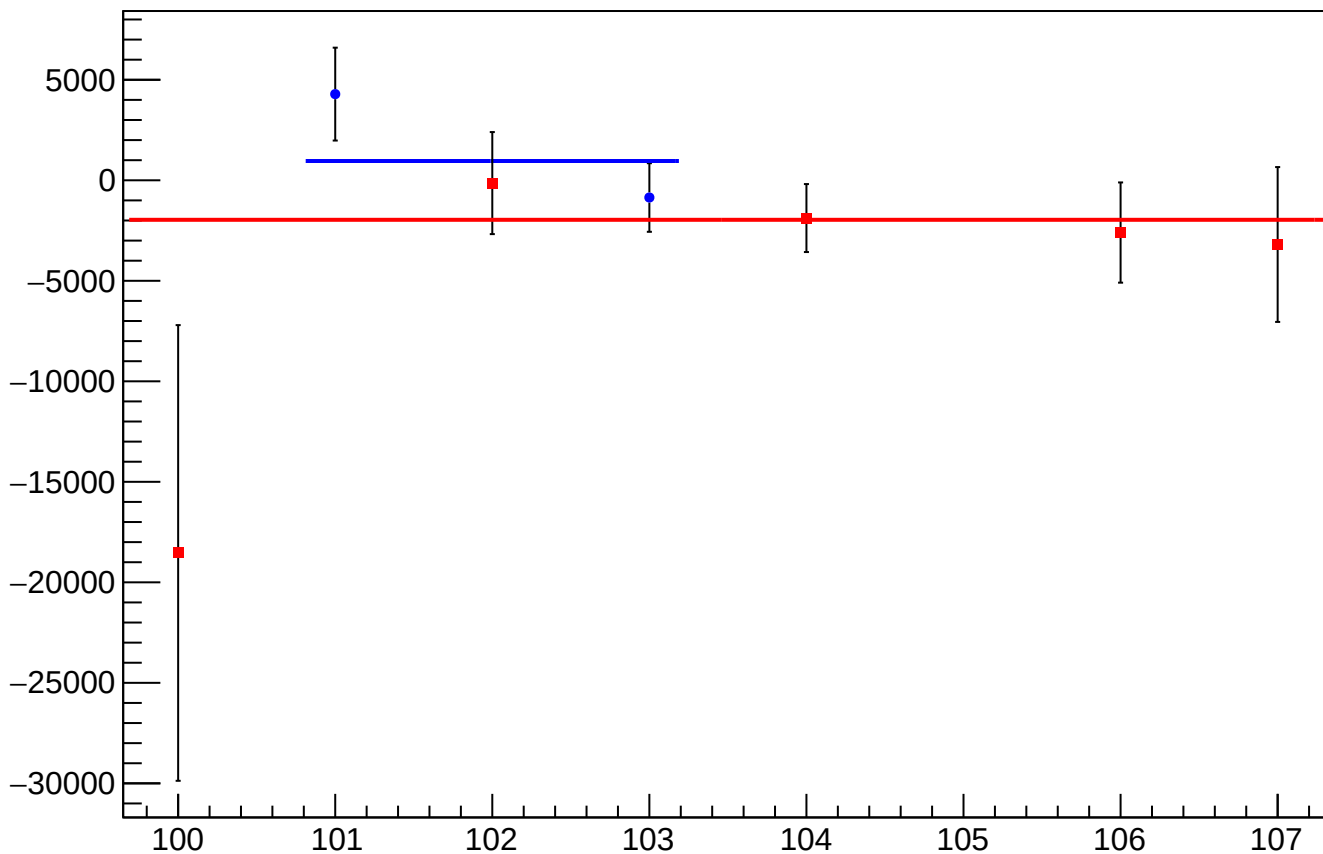
Right: 1535.083+/-0.673 χ^2/NDF : 406777.7/6

In: 1619.434+/-1.091 χ^2/NDF : 263170.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1535.083+/-0.673 χ^2/NDF : 406777.7/6

asym_at2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 959.849+/-1372.582 χ^2/NDF : 3.2/1

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

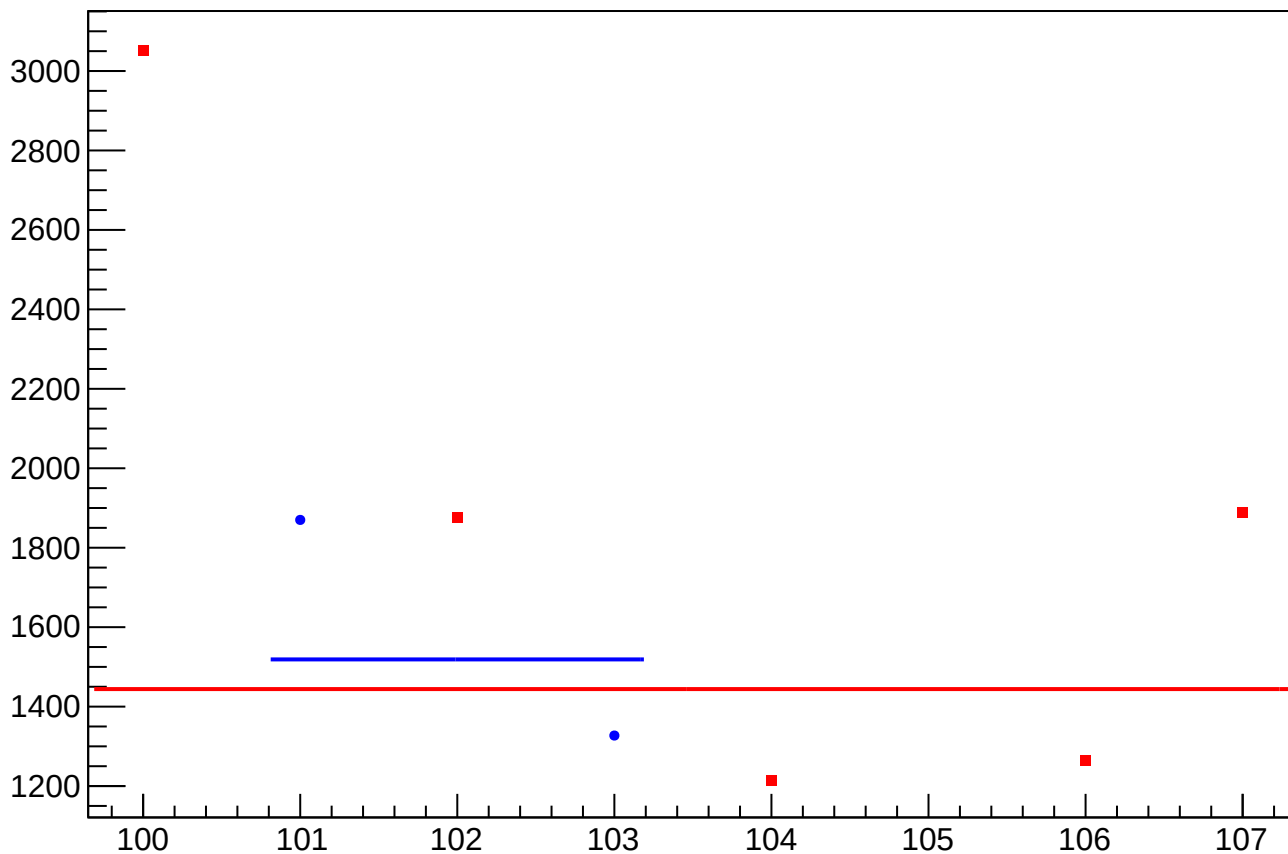
Right: -744.702+/-886.684 χ^2/NDF : 8.7/6

In: 959.849+/-1372.582 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -744.702+/-886.684 χ^2/NDF : 8.7/6

asym_at2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1518.837+/-0.971 χ^2/NDF : 71443.1/1

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

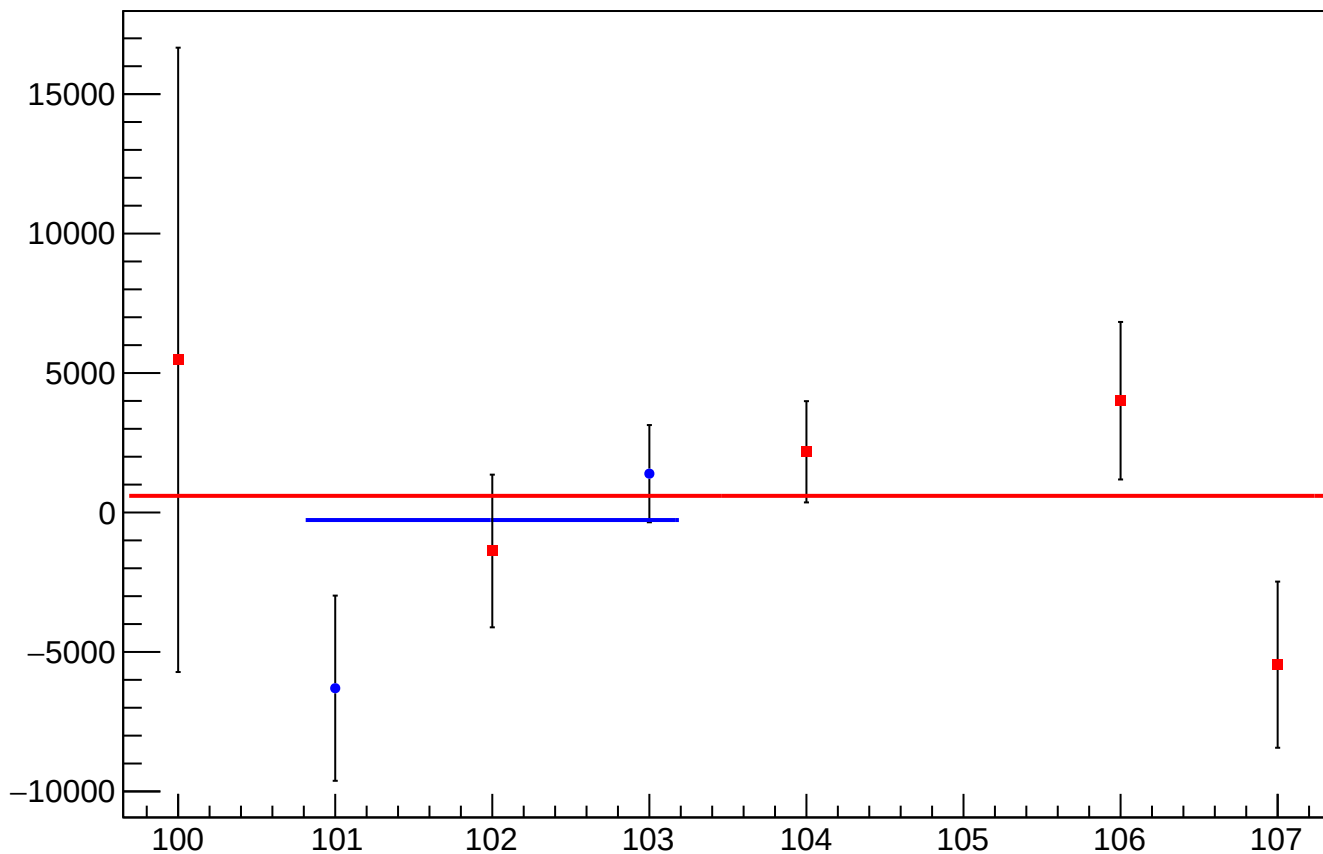
Right: 1475.332+/-0.627 χ^2/NDF : 246712.2/6

In: 1518.837+/-0.971 χ^2/NDF : 71443.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1475.332+/-0.627 χ^2/NDF : 246712.2/6

eigen_cor_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -270.278 $\pm$ 1543.337 χ^2 /NDF: 4.2/1

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

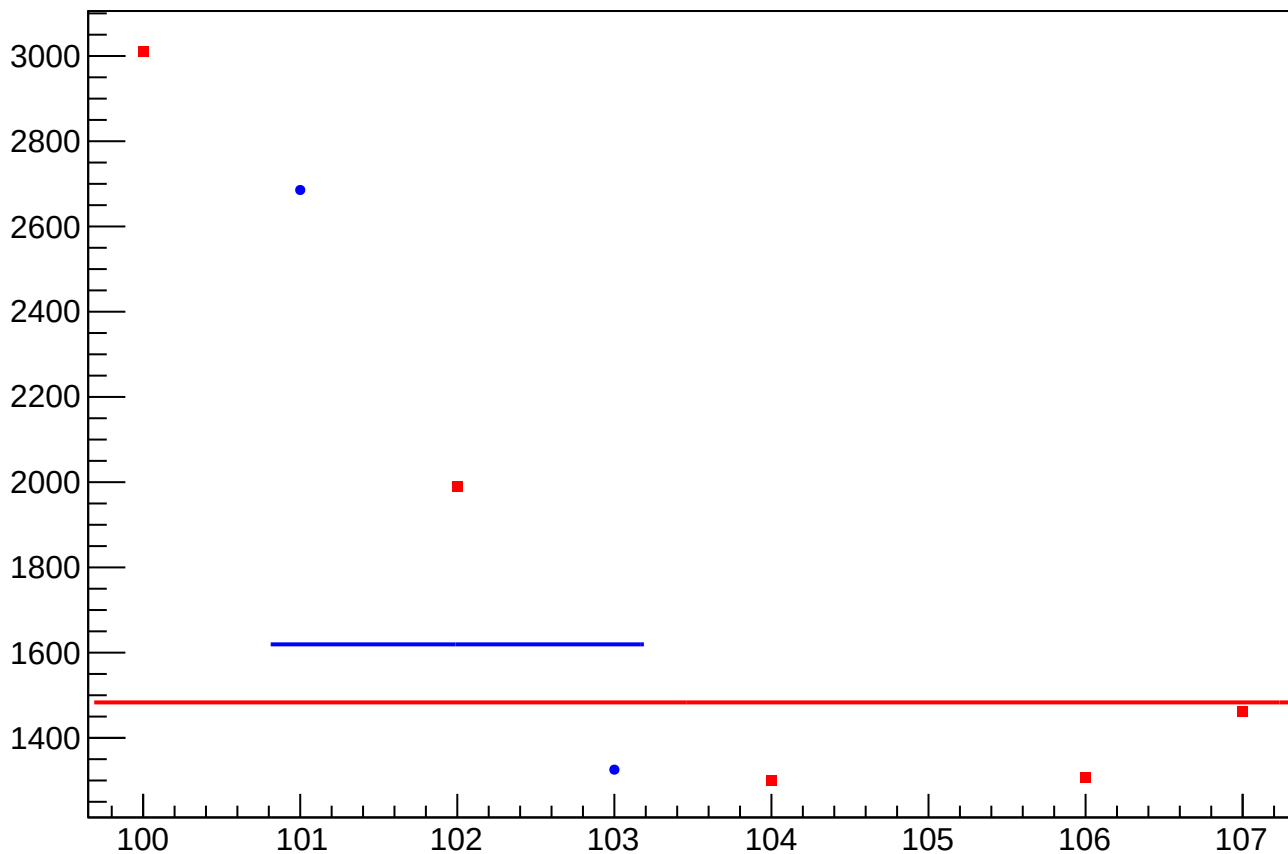
Right: 266.798 $\pm$ 952.186 χ^2 /NDF: 11.5/6

In: -270.278 $\pm$ 1543.337 χ^2 /NDF: 4.2/1

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

All: 266.798 $\pm$ 952.186 χ^2 /NDF: 11.5/6

eigen_cor_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1619.434+/-1.091 χ^2/NDF : 263170.5/1

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

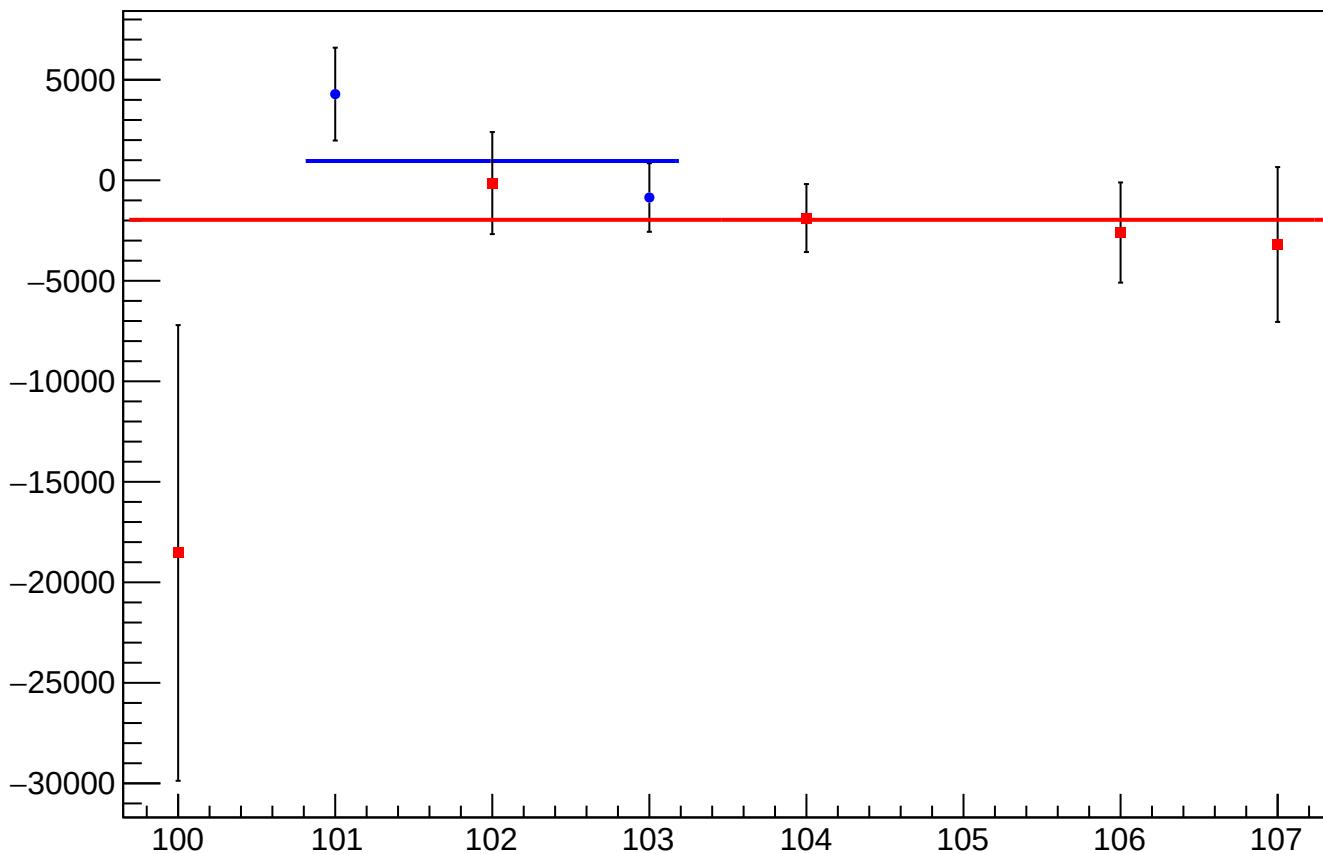
Right: 1535.083+/-0.673 χ^2/NDF : 406777.7/6

In: 1619.434+/-1.091 χ^2/NDF : 263170.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1535.083+/-0.673 χ^2/NDF : 406777.7/6

asym_at2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 959.849+/-1372.582 χ^2/NDF : 3.2/1

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

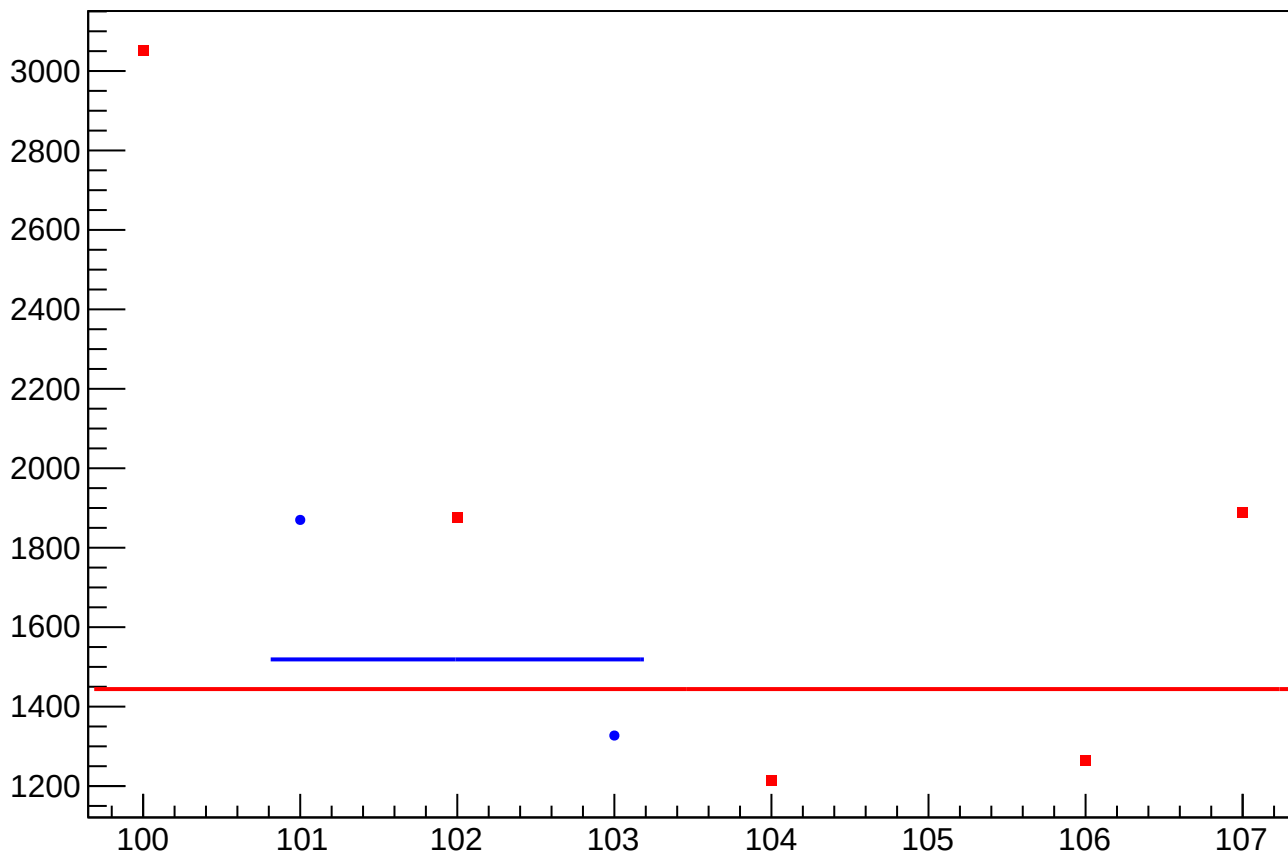
Right: -744.702+/-886.684 χ^2/NDF : 8.7/6

In: 959.849+/-1372.582 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -744.702+/-886.684 χ^2/NDF : 8.7/6

asym_at2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1518.837 $\pm$ 0.971 χ^2 /NDF: 71443.1/1

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

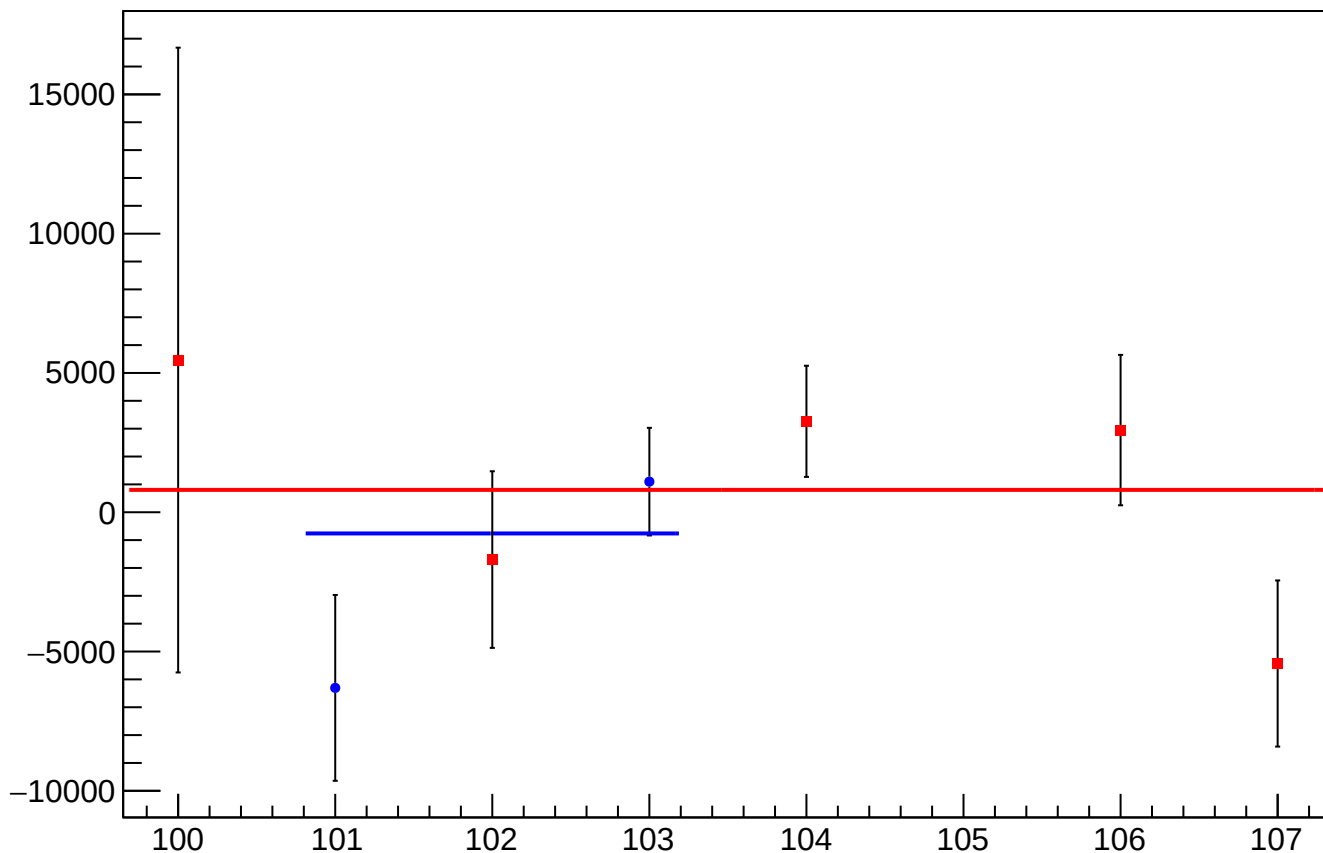
Right: 1475.332 $\pm$ 0.627 χ^2 /NDF: 246712.2/6

In: 1518.837 $\pm$ 0.971 χ^2 /NDF: 71443.1/1

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

All: 1475.332 $\pm$ 0.627 χ^2 /NDF: 246712.2/6

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -761.014 $\pm$ 1671.487 χ^2 /NDF: 3.7/1

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

Right Out: 802.958 $\pm$ 1282.166 χ^2 /NDF: 7.3/4

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

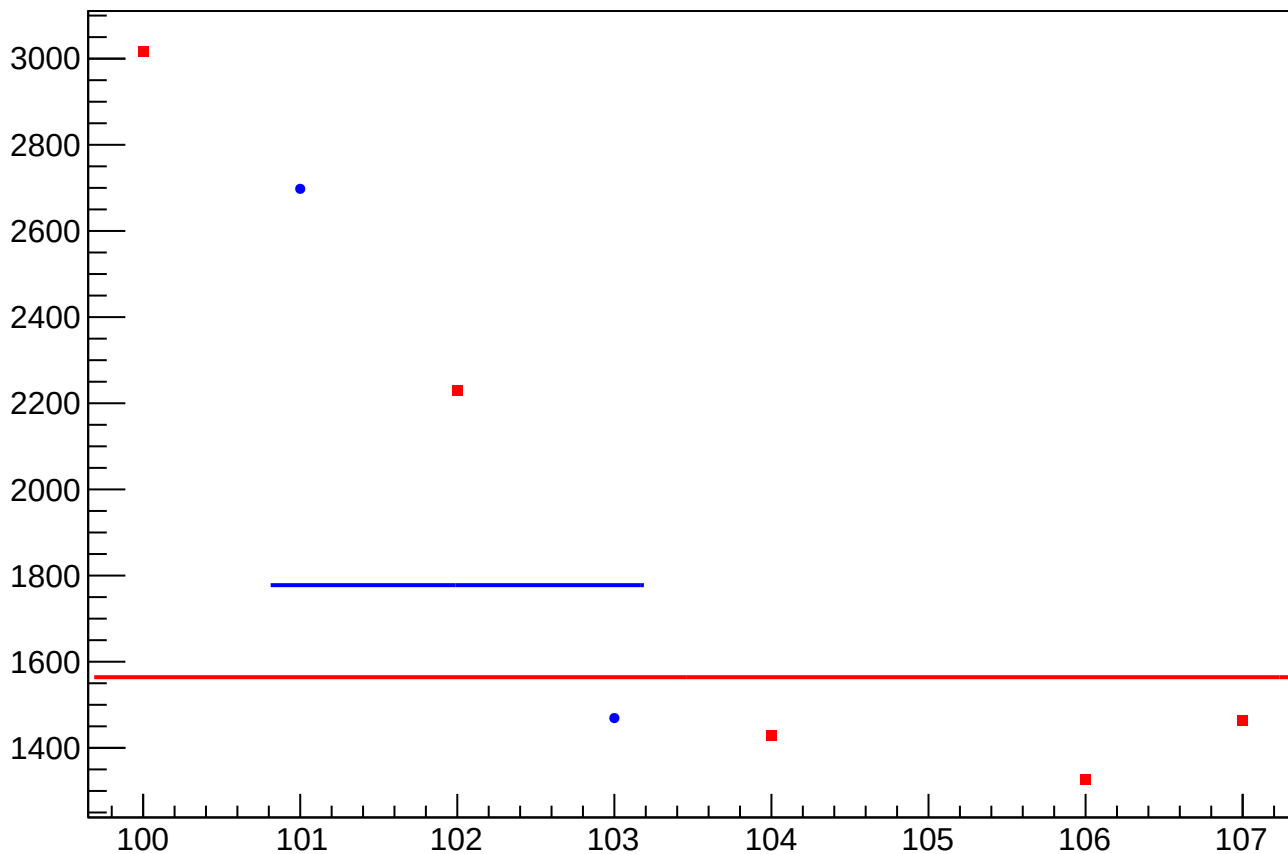
Right: 223.599 $\pm$ 1017.332 χ^2 /NDF: 11.6/6

In: -761.014 $\pm$ 1671.487 χ^2 /NDF:3.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 223.599 $\pm$ 1017.332 χ^2 /NDF: 11.6/6

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1777.742+/-1.182 χ^2/NDF : 203210.3/1

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

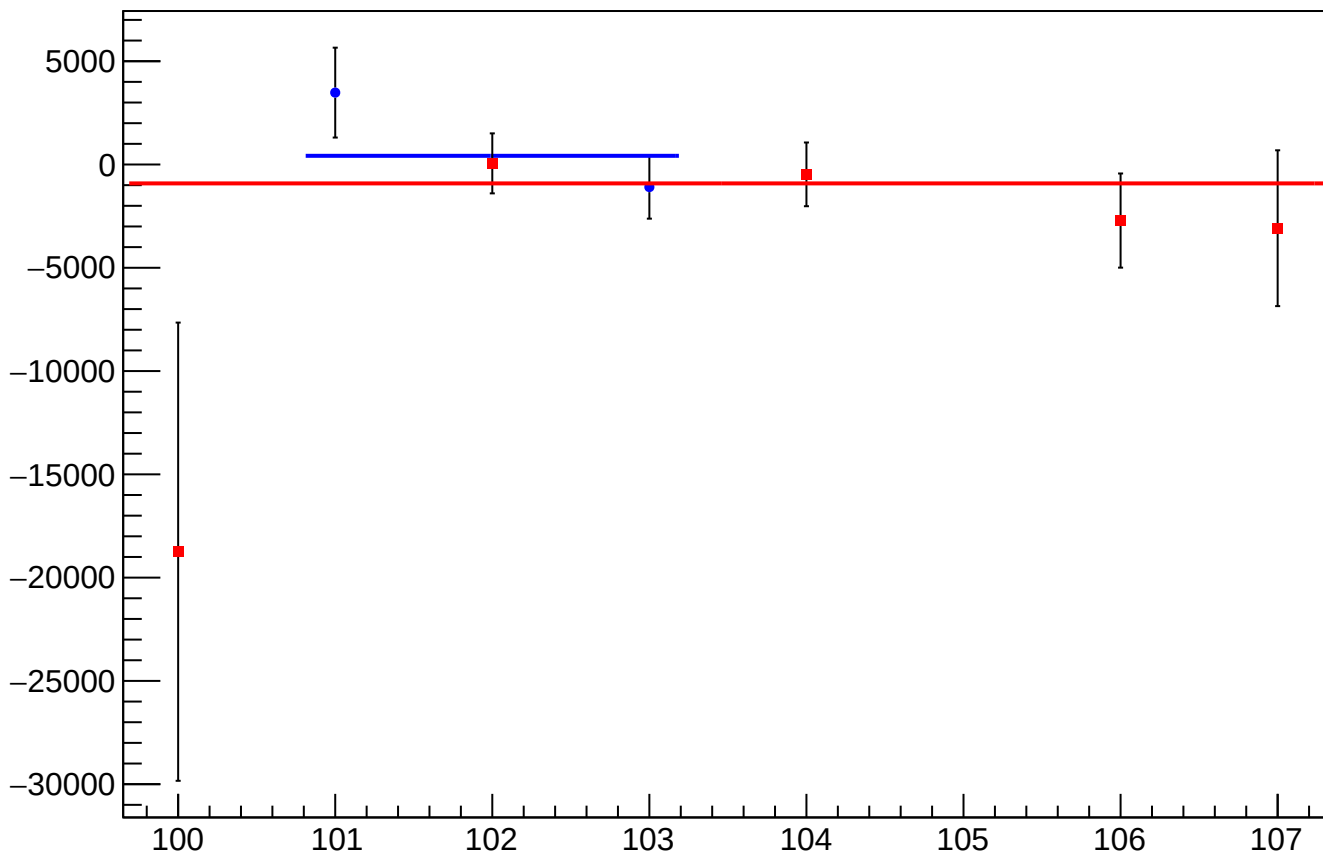
Right: 1643.221+/-0.719 χ^2/NDF : 372539.5/6

In: 1777.742+/-1.182 χ^2/NDF : 203210.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1643.221+/-0.719 χ^2/NDF : 372539.5/6

asym_at2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 420.528+/-1251.406 χ^2/NDF : 3.0/1

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

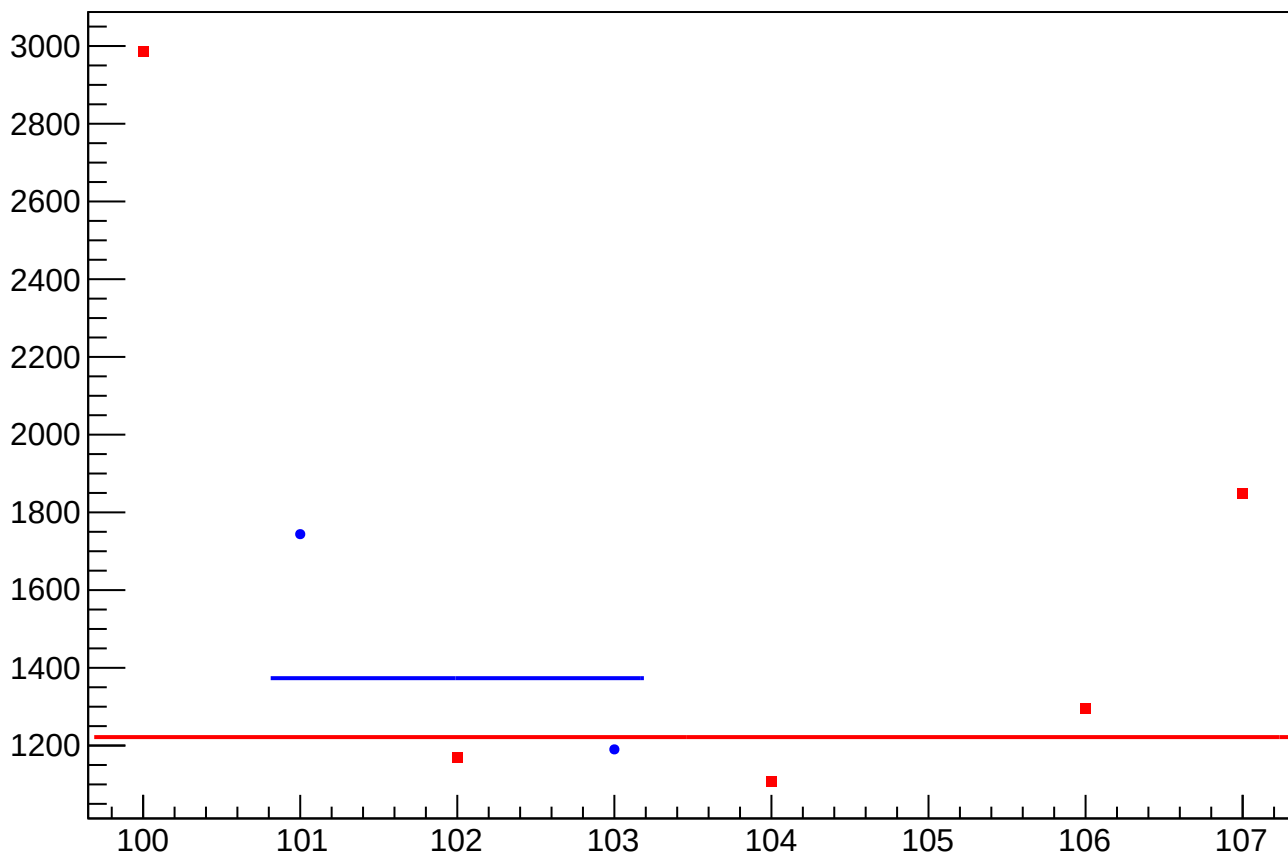
Right: -442.279+/-744.549 χ^2/NDF : 7.8/6

In: 420.528+/-1251.406 χ^2/NDF : 3.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -442.279+/-744.549 χ^2/NDF : 7.8/6

asym_at2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1373.386+/-0.885 χ^2/NDF : 86721.8/1

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

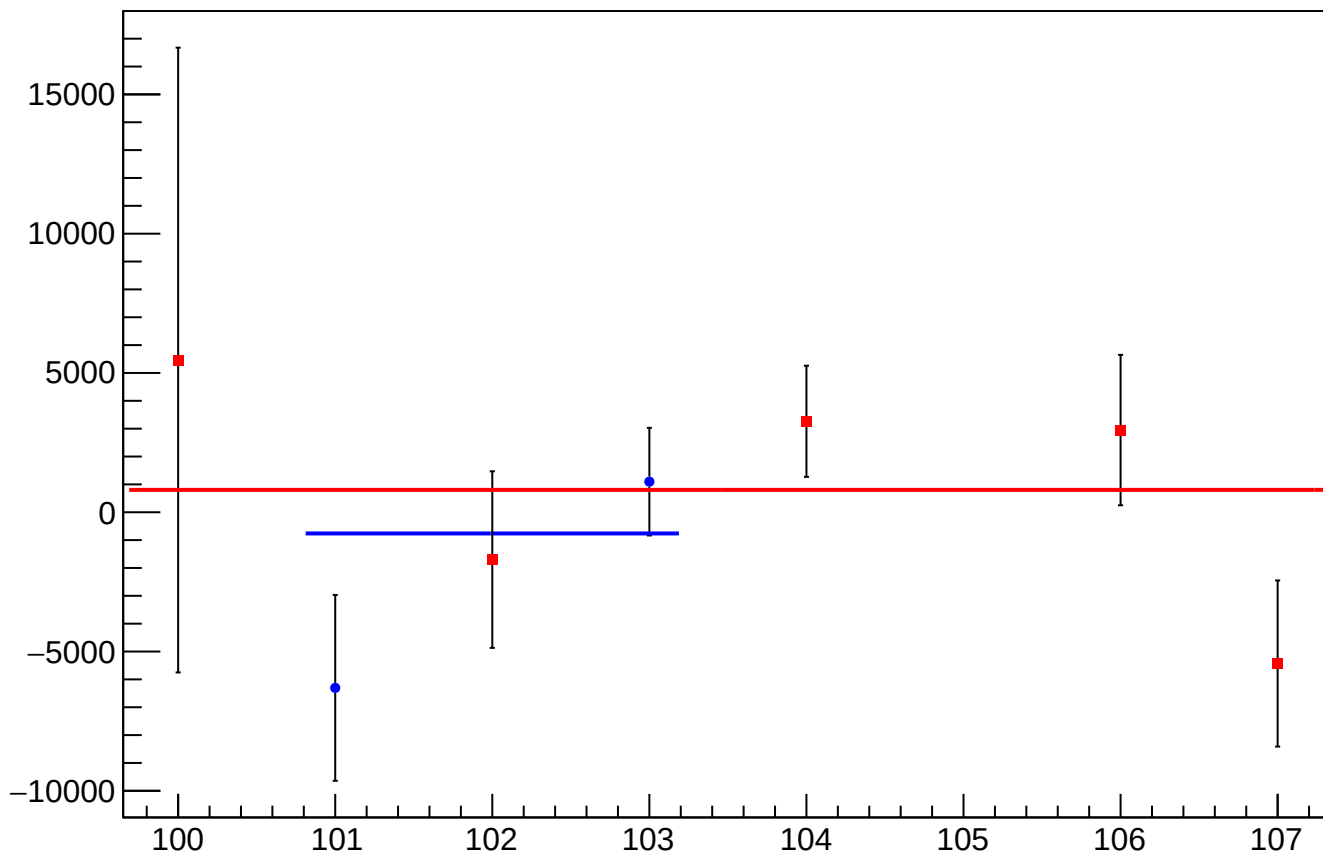
Right: 1275.438+/-0.526 χ^2/NDF : 227217.6/6

In: 1373.386+/-0.885 χ^2/NDF : 86721.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1275.438+/-0.526 χ^2/NDF : 227217.6/6

eigen_dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -761.025+/-1671.487 χ^2/NDF : 3.7/1

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

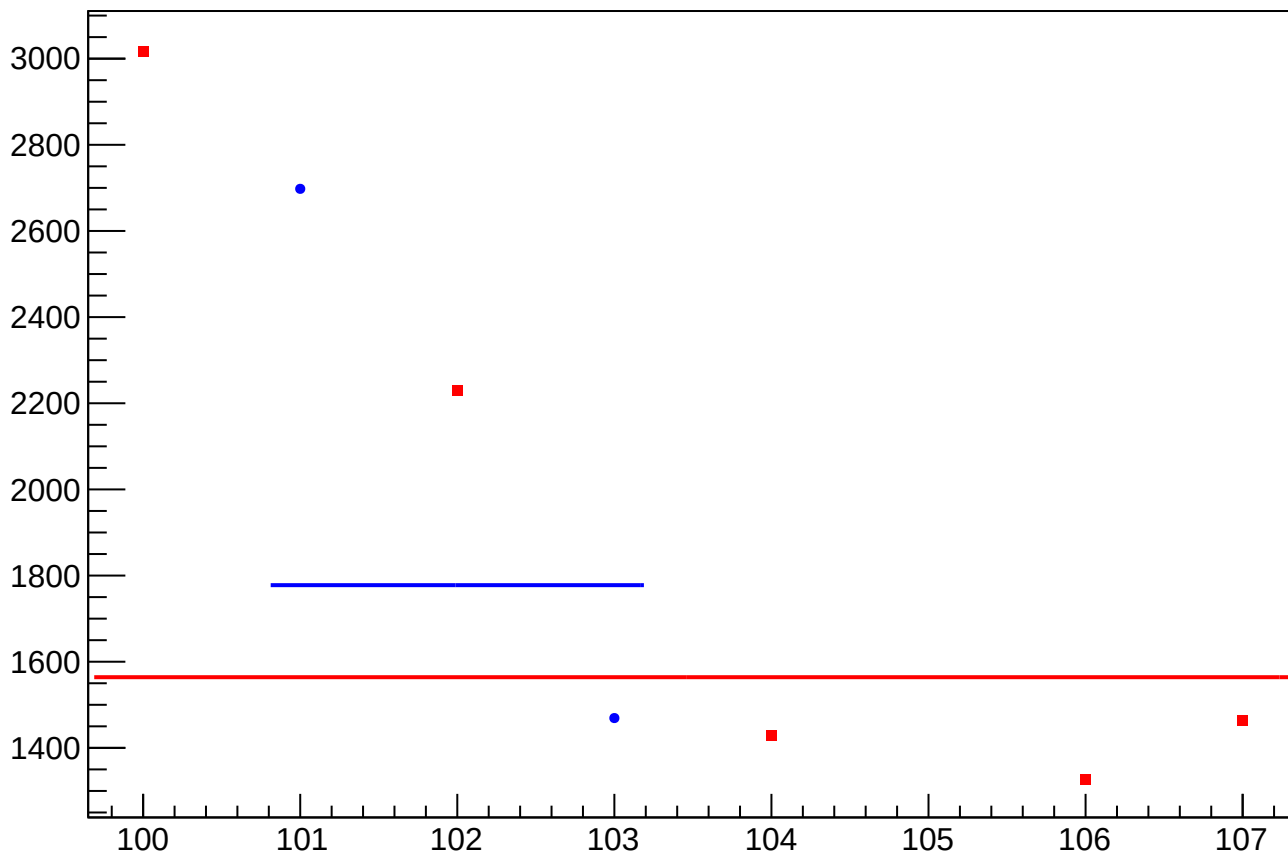
Right: 223.598+/-1017.332 χ^2/NDF : 11.6/6

In: -761.025+/-1671.487 χ^2/NDF : 3.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 223.598+/-1017.332 χ^2/NDF : 11.6/6

eigen_dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1777.742+/-1.182 χ^2/NDF : 203210.3/1

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

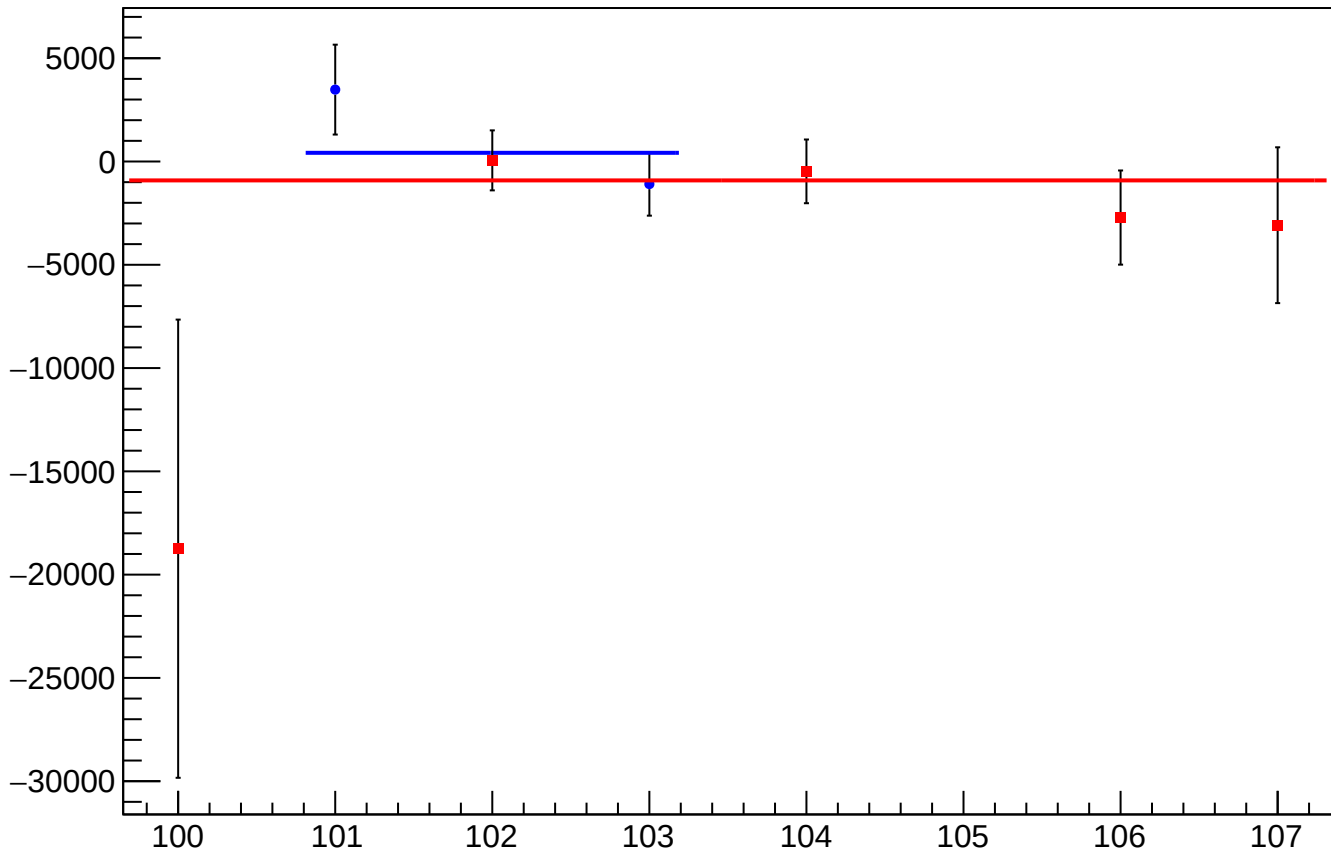
Right: 1643.221+/-0.719 χ^2/NDF : 372539.6/6

In: 1777.742+/-1.182 χ^2/NDF : 203210.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1643.221+/-0.719 χ^2/NDF : 372539.6/6

asym_at2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 420.537+/-1251.405 χ^2/NDF : 3.0/1

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

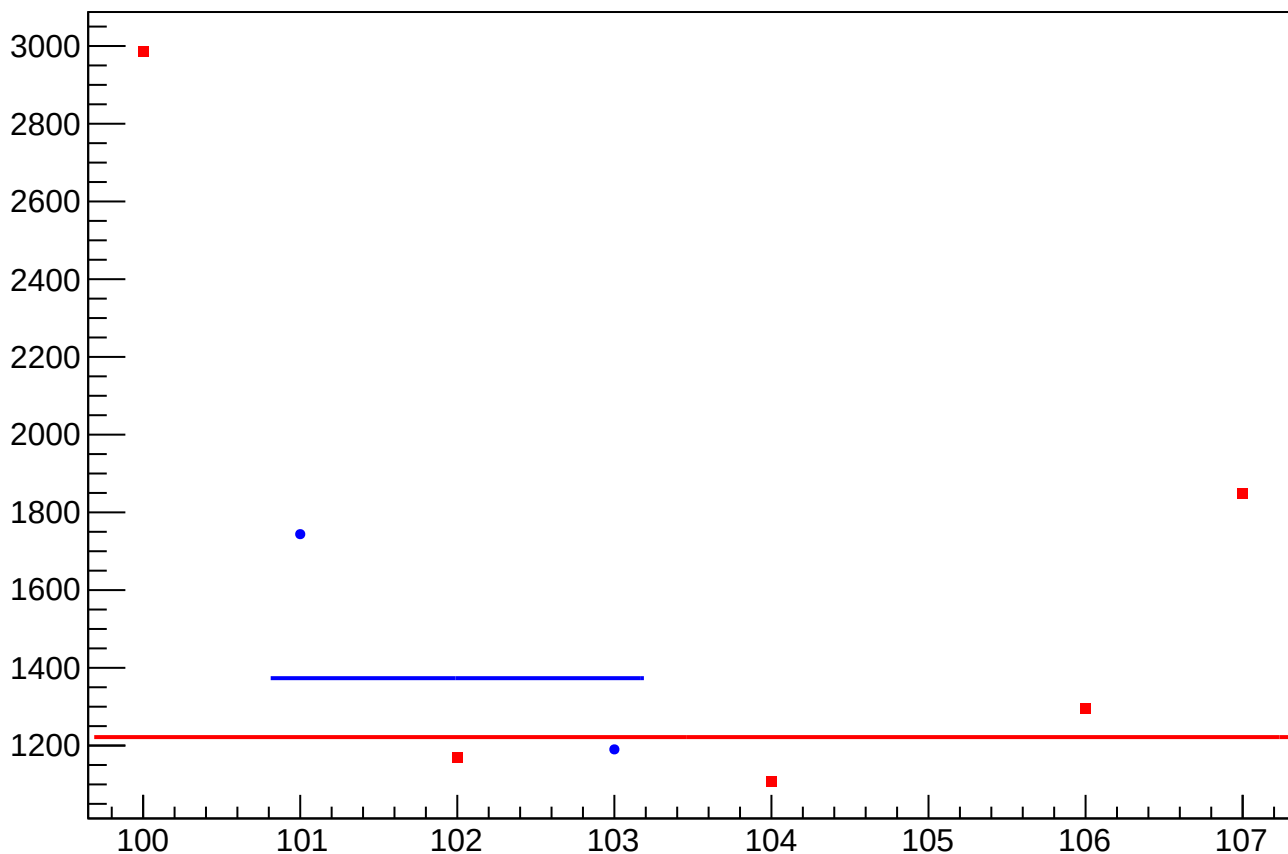
Right: -442.278+/-744.549 χ^2/NDF : 7.8/6

In: 420.537+/-1251.405 χ^2/NDF : 3.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -442.278+/-744.549 χ^2/NDF : 7.8/6

asym_at2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1373.386 $\pm$ 0.885 χ^2 /NDF: 86718.4/1

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

Right Out: 1221.767 $\pm$ 0.655 χ^2 /NDF: 121527.7/4

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

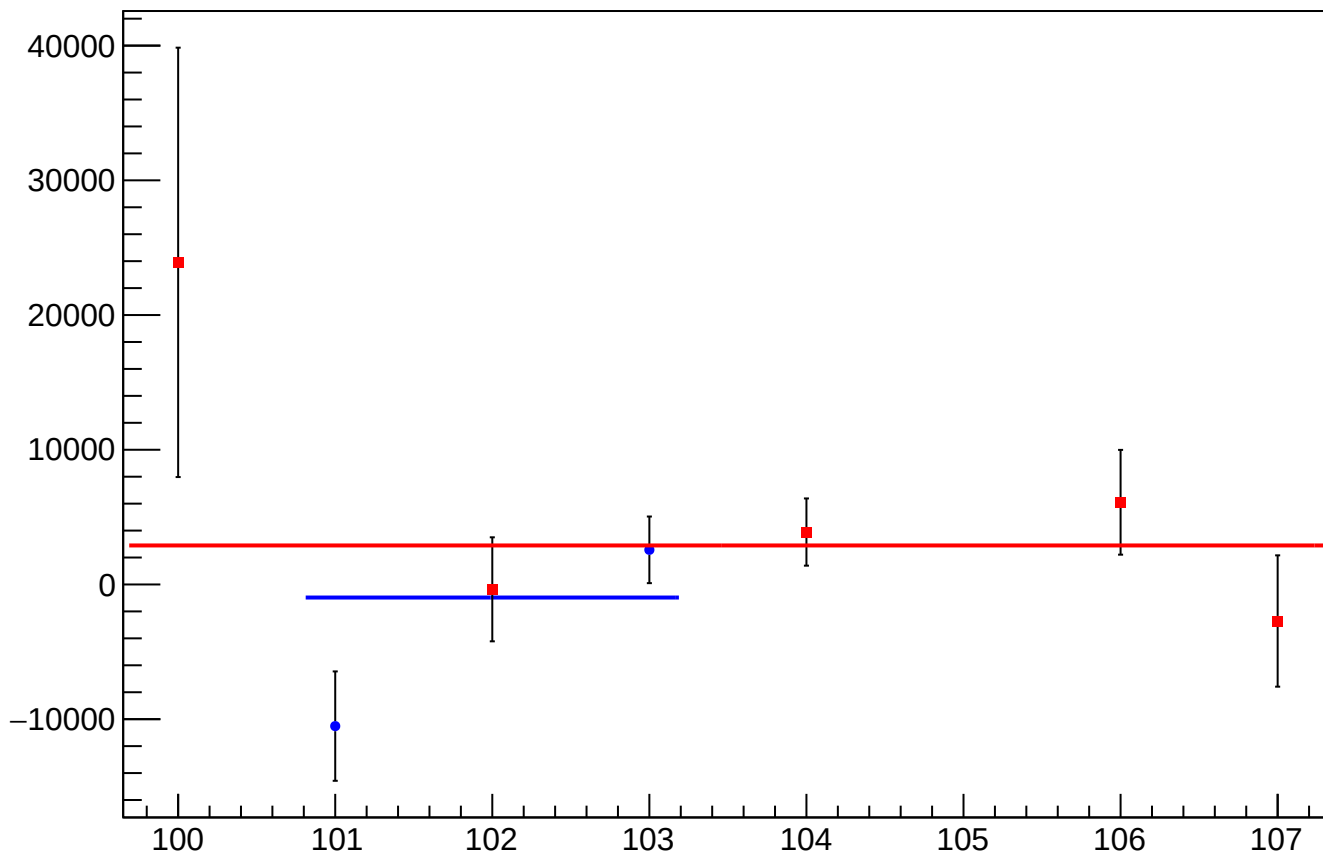
Right: 1275.439 $\pm$ 0.526 χ^2 /NDF: 227212.4/6

In: 1373.386 $\pm$ 0.885 χ^2 /NDF: 86718.4/1

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

All: 1275.439 $\pm$ 0.526 χ^2 /NDF: 227212.4/6

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -969.857+/-2111.960 χ^2/NDF : 7.6/1

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

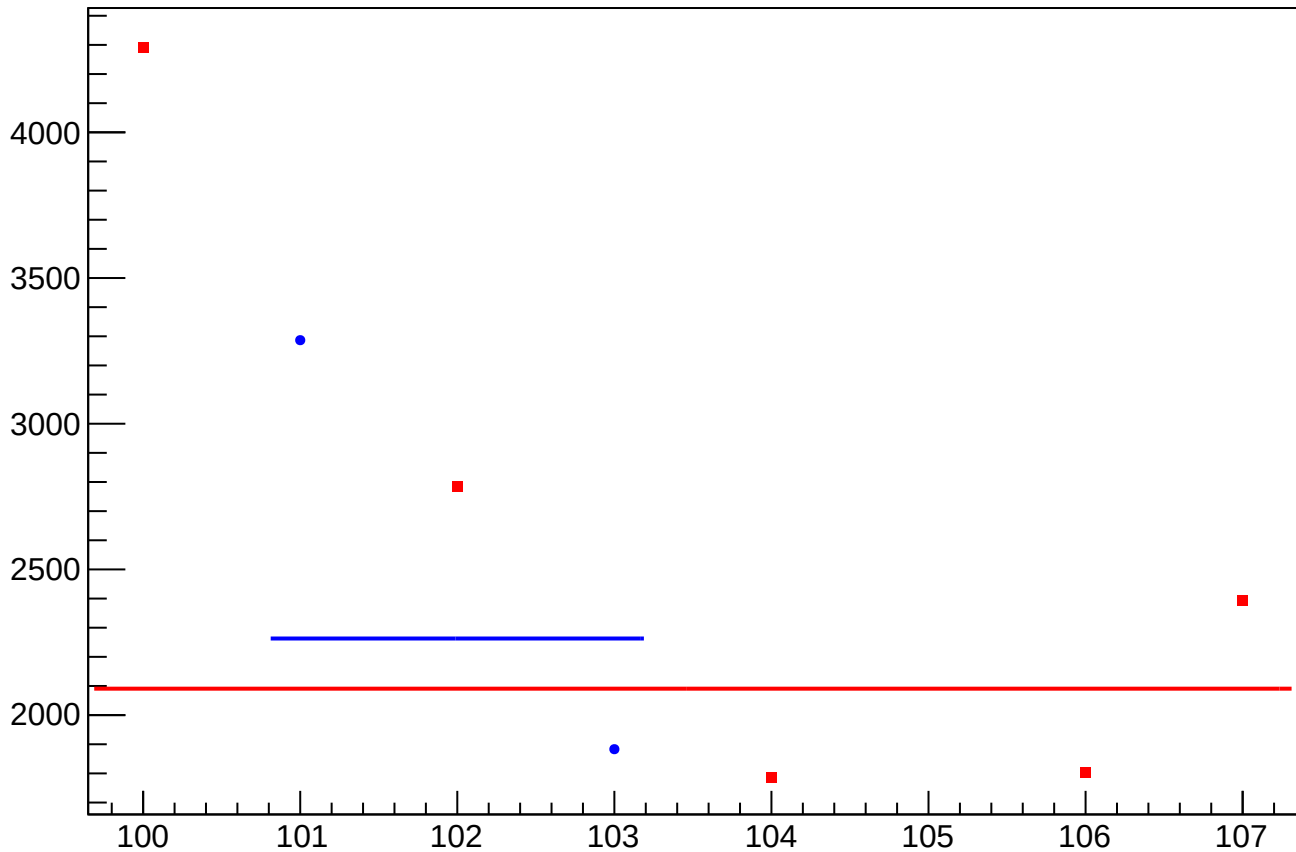
Right: 1359.470+/-1331.490 χ^2/NDF : 14.2/6

In: -969.857+/-2111.960 χ^2/NDF : 7.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1359.470+/-1331.490 χ^2/NDF : 14.2/6

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2262.919+/-1.493 χ^2/NDF : 174354.7/1

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

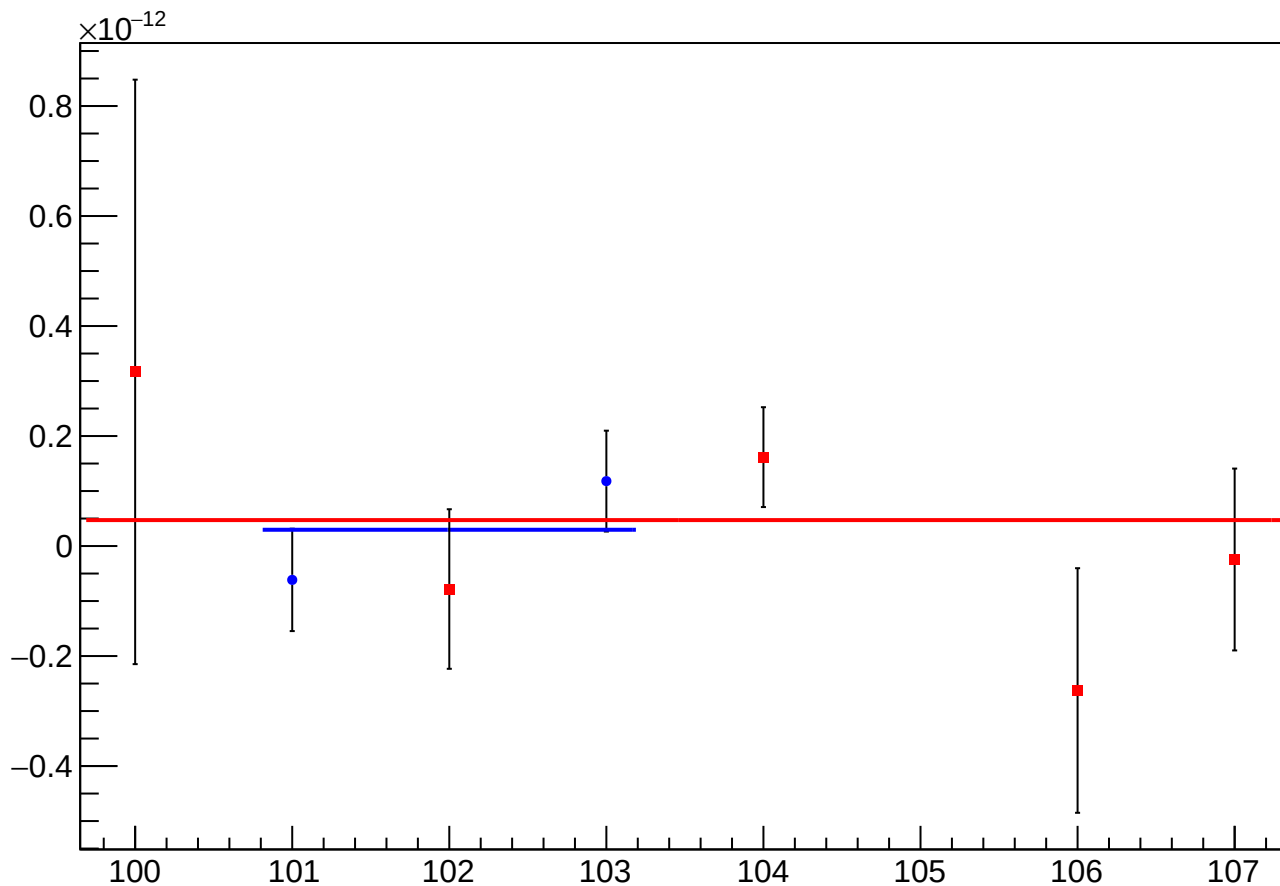
Right: 2159.194+/-0.941 χ^2/NDF : 333128.3/6

In: 2262.919+/-1.493 χ^2/NDF : 174354.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2159.194+/-0.941 χ^2/NDF : 333128.3/6

asym_at2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.9/1

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

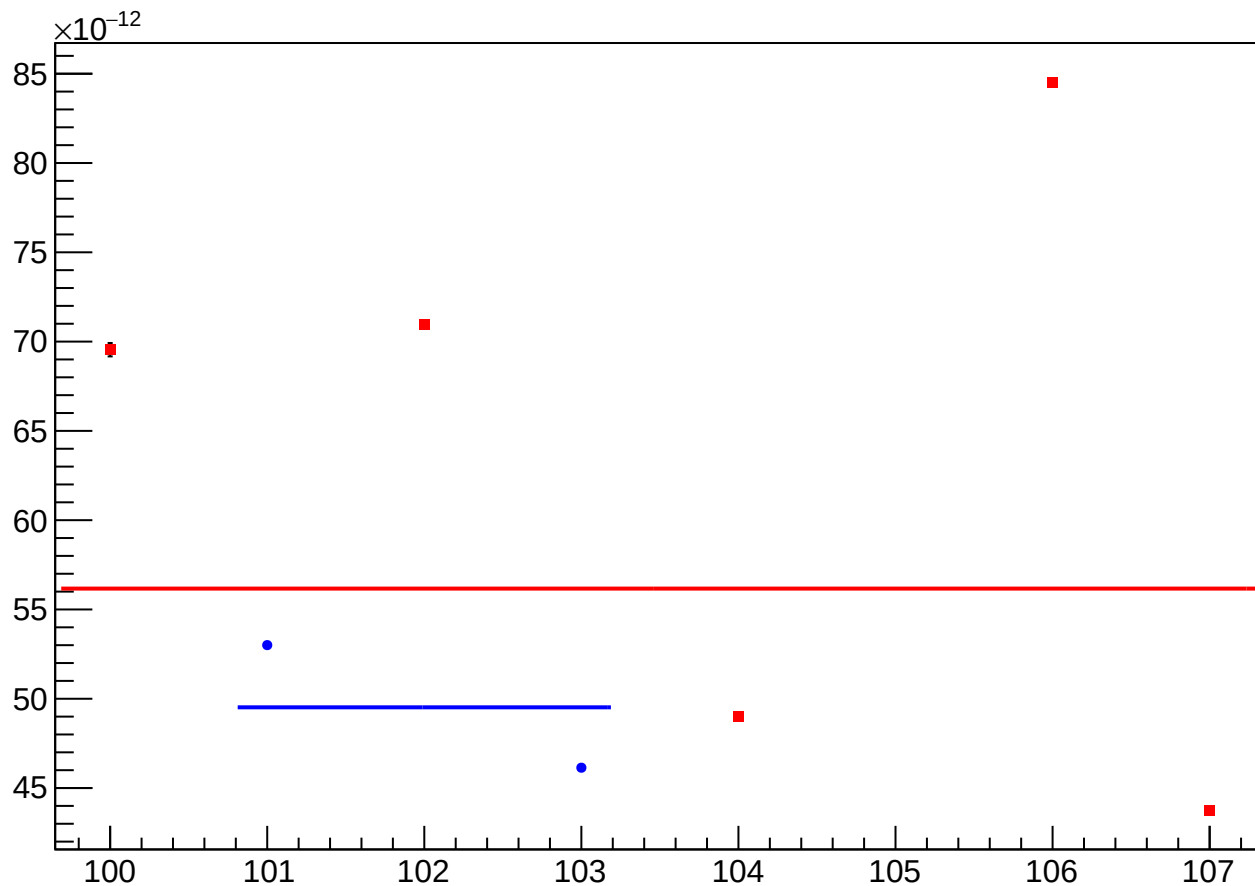
Right: 0.000+/-0.000 χ^2/NDF : 6.6/6

In: 0.000+/-0.000 χ^2/NDF : 1.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.6/6

asym_at2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5522.3/1

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

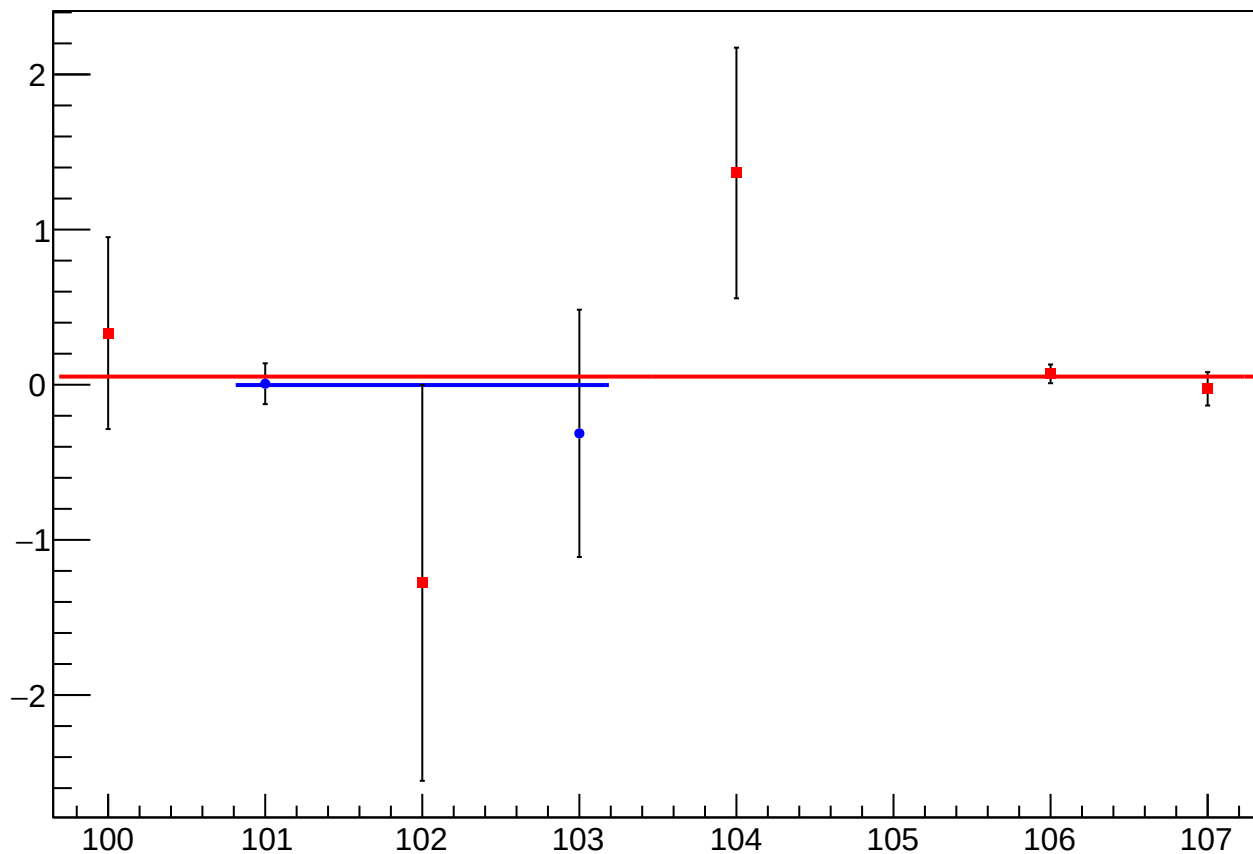
Right: 0.000+/-0.000 χ^2/NDF : 94102.1/6

In: 0.000+/-0.000 χ^2/NDF : 5522.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 94102.1/6

asym_at2_dd_dit_vs_slug, Sign Corrected



Right In: -0.002 ± 0.130 $\chi^2/\text{NDF}: 0.2/1$

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

Right Out: 0.053 ± 0.052 $\chi^2/\text{NDF}: 4.5/4$

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

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

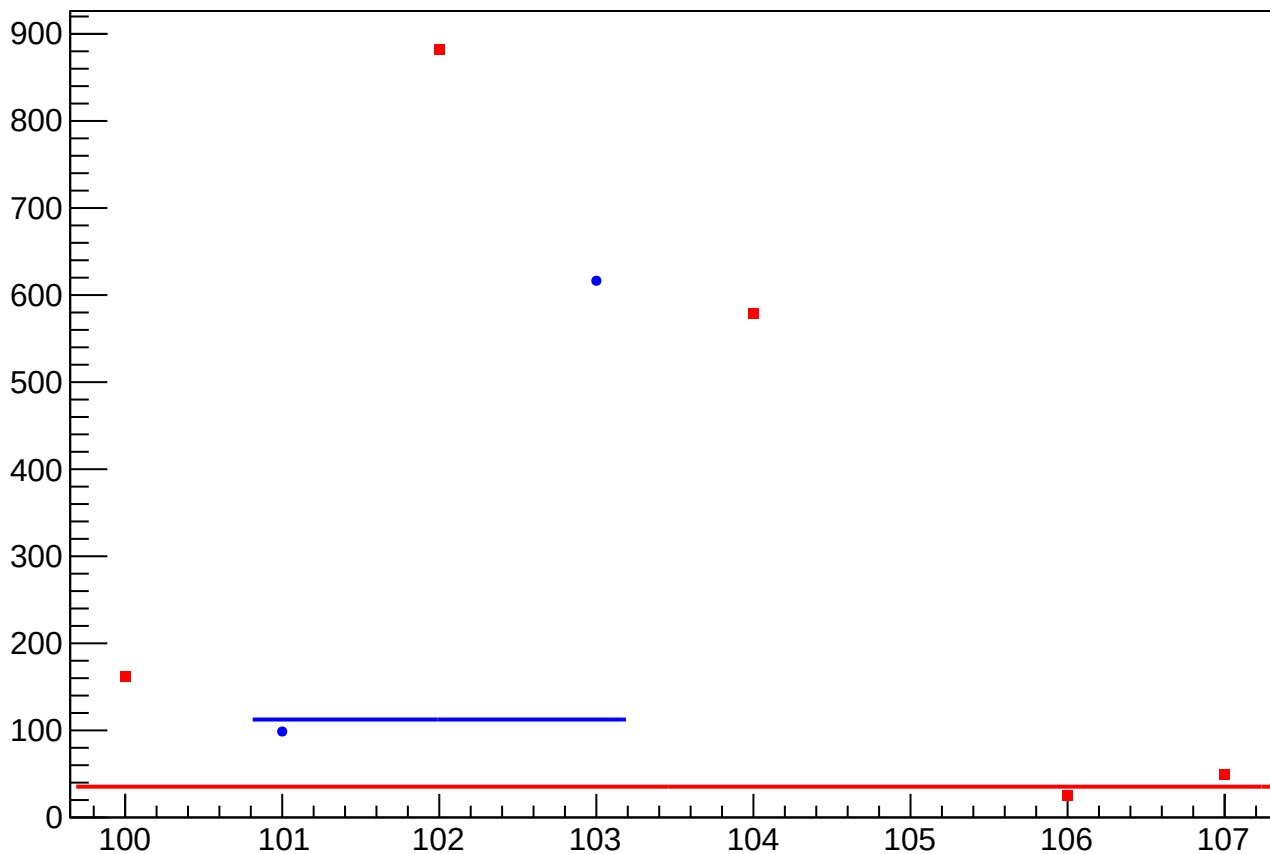
Right: 0.045 ± 0.049 $\chi^2/\text{NDF}: 4.9/6$

In: -0.002 ± 0.130 $\chi^2/\text{NDF}: 0.2/1$

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

All: 0.045 ± 0.049 $\chi^2/\text{NDF}: 4.9/6$

asym_at2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 112.485 $\pm$ 0.092 χ^2 /NDF: 821311.7/1

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

Right Out: 35.353 $\pm$ 0.037 χ^2 /NDF: 1963790.7/4

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

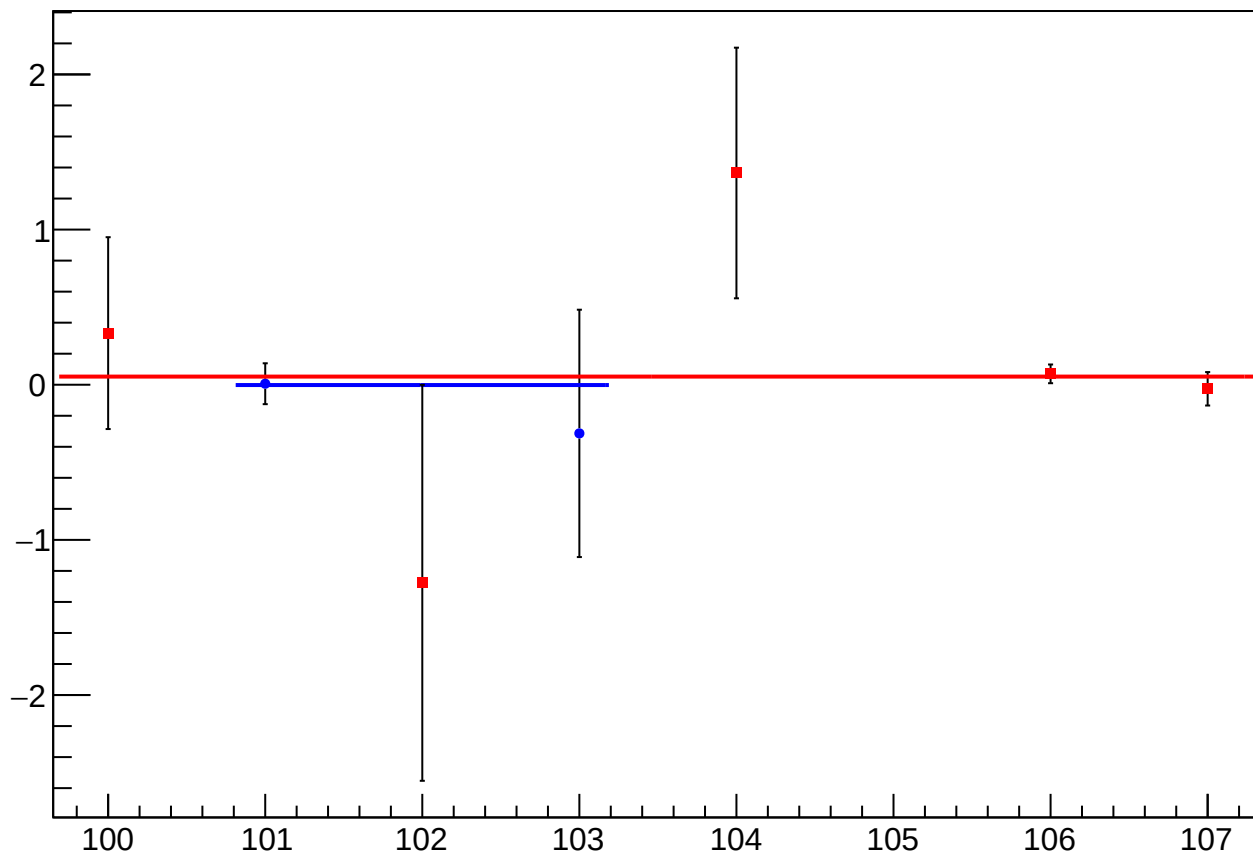
Right: 46.099 $\pm$ 0.034 χ^2 /NDF: 3391261.2/6

In: 112.485 $\pm$ 0.092 χ^2 /NDF:821311.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 46.099 $\pm$ 0.034 χ^2 /NDF: 3391261.2/6

asym_at2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.130 χ^2 /NDF: 0.2/1

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

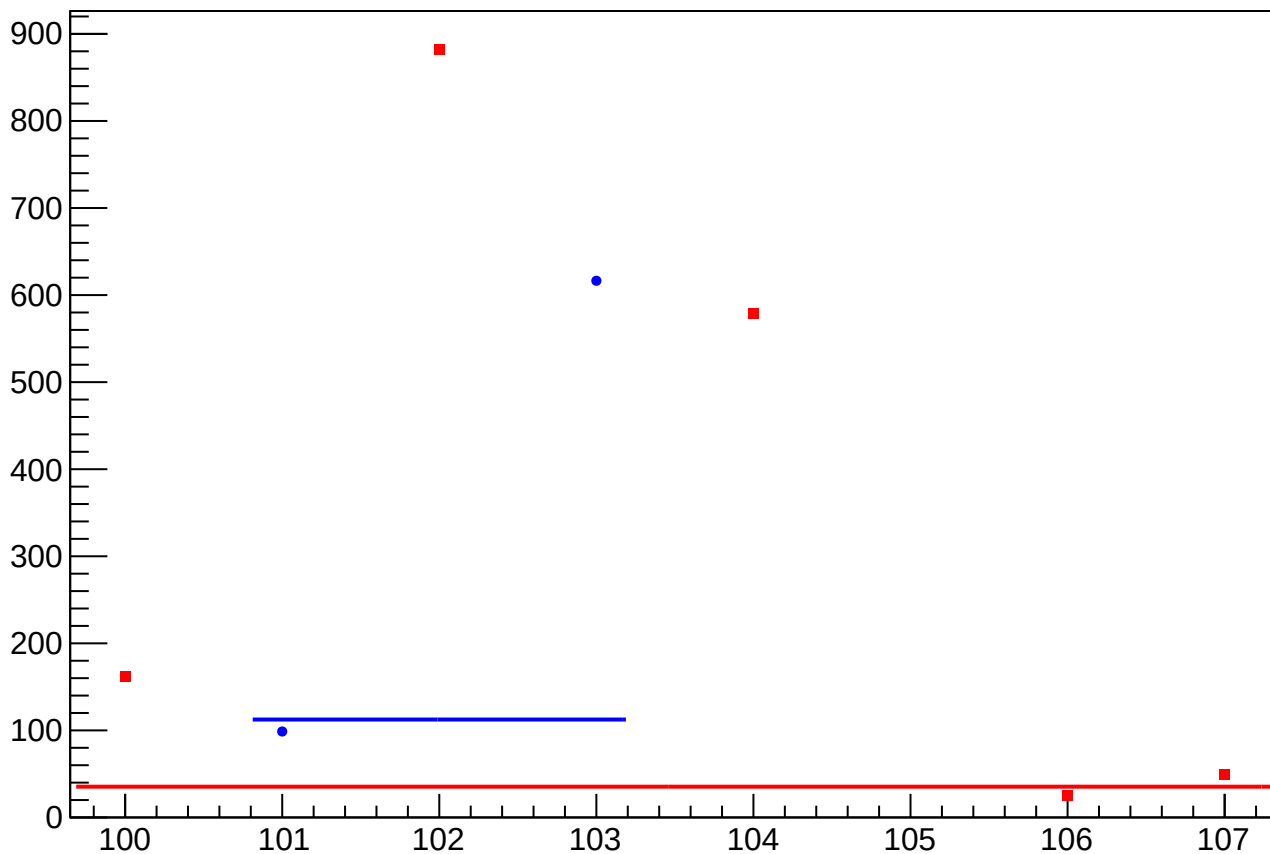
Right: 0.045 $\pm$ 0.049 χ^2 /NDF: 4.9/6

In: -0.002 $\pm$ 0.130 χ^2 /NDF:0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.045 $\pm$ 0.049 χ^2 /NDF: 4.9/6

asym_at2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 112.485+/-0.092 χ^2/NDF : 821311.7/1

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

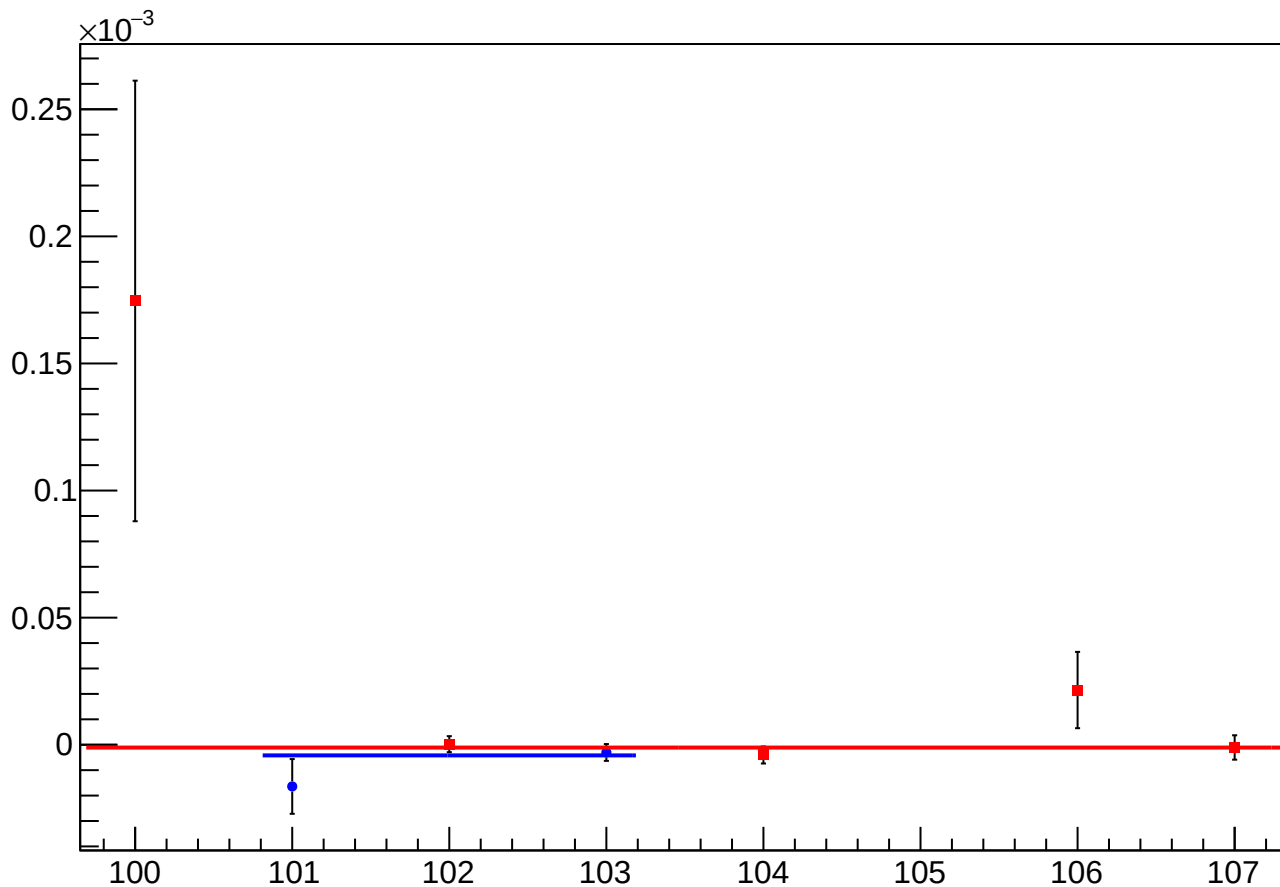
Right: 46.099+/-0.034 χ^2/NDF : 3391261.2/6

In: 112.485+/-0.092 χ^2/NDF : 821311.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.099+/-0.034 χ^2/NDF : 3391261.2/6

asym_at2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.4/1

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

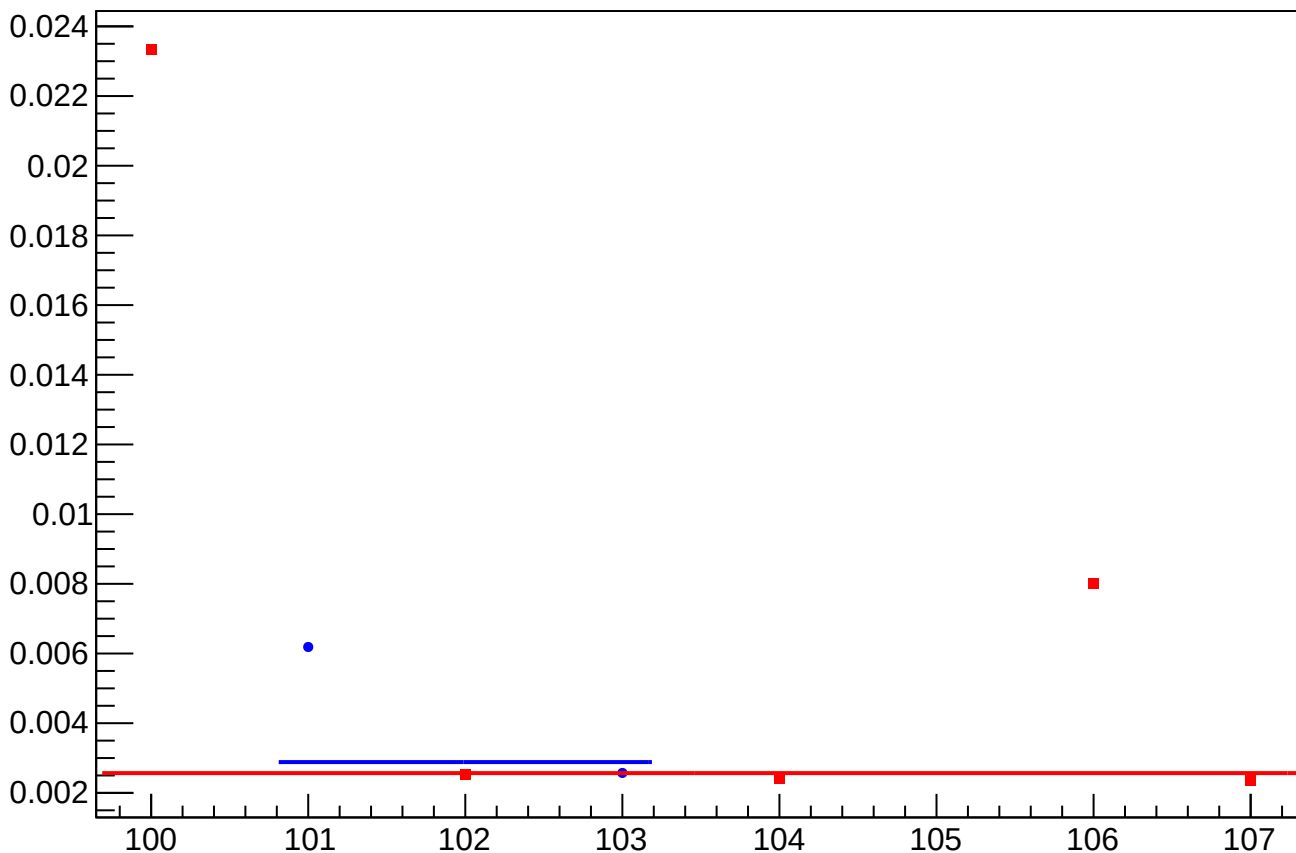
Right: -0.000+/-0.000 χ^2/NDF : 9.4/6

In: -0.000+/-0.000 χ^2/NDF : 1.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.4/6

asym_at2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 206102.2/1

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

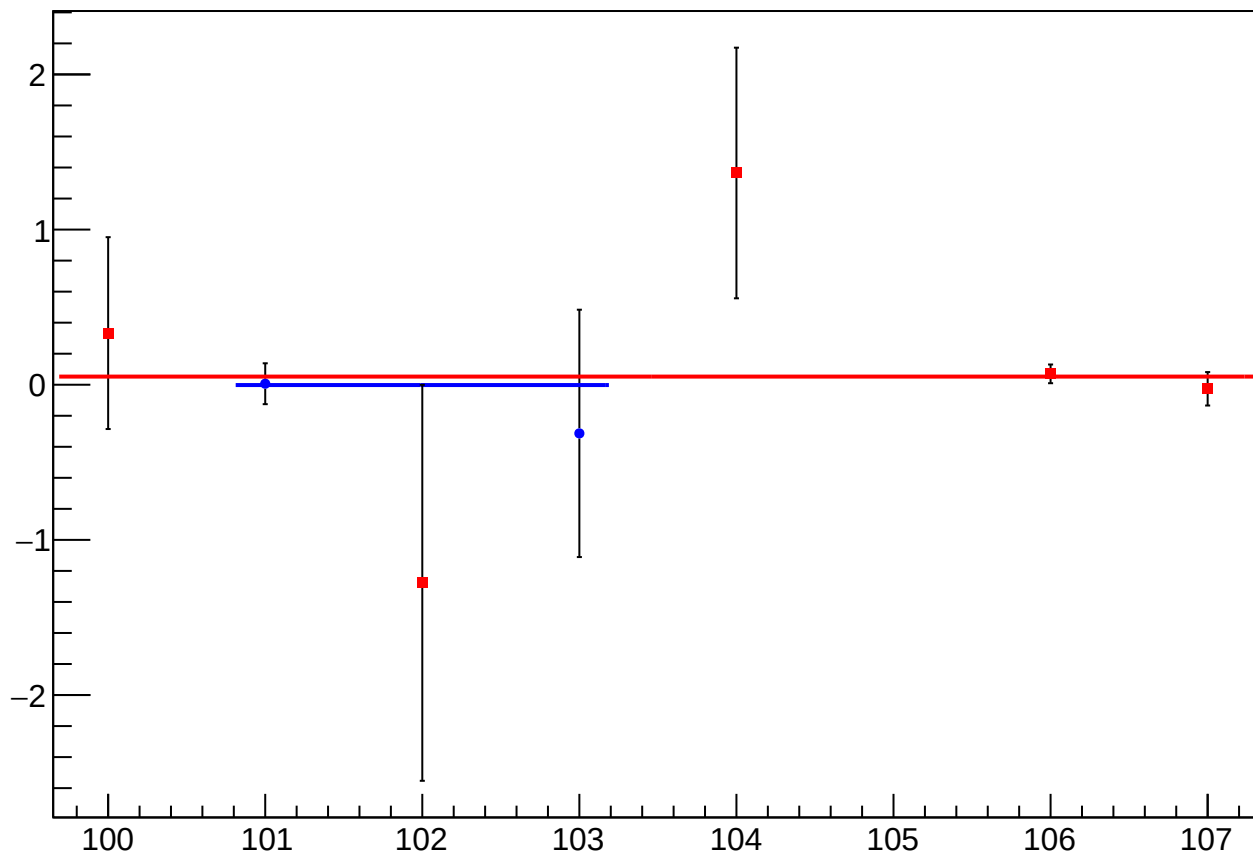
Right: 0.003+/-0.000 χ^2/NDF : 606344.6/6

In: 0.003+/-0.000 χ^2/NDF : 206102.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 606344.6/6

asym_at2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.130 χ^2 /NDF: 0.2/1

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

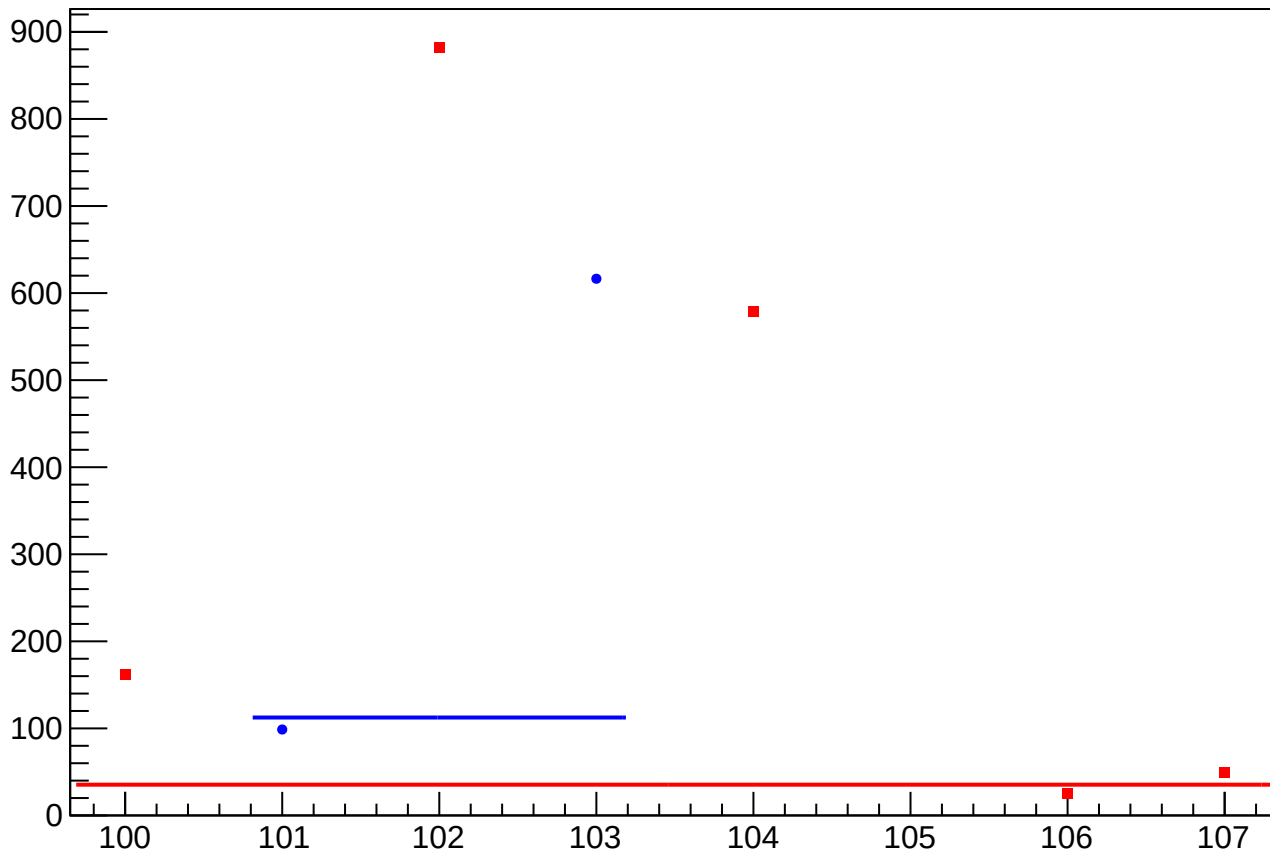
Right: 0.045 $\pm$ 0.049 χ^2 /NDF: 4.9/6

In: -0.002 $\pm$ 0.130 χ^2 /NDF:0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.045 $\pm$ 0.049 χ^2 /NDF: 4.9/6

asym_at2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 112.490 ± 0.092 χ^2/NDF : 821295.8/1

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

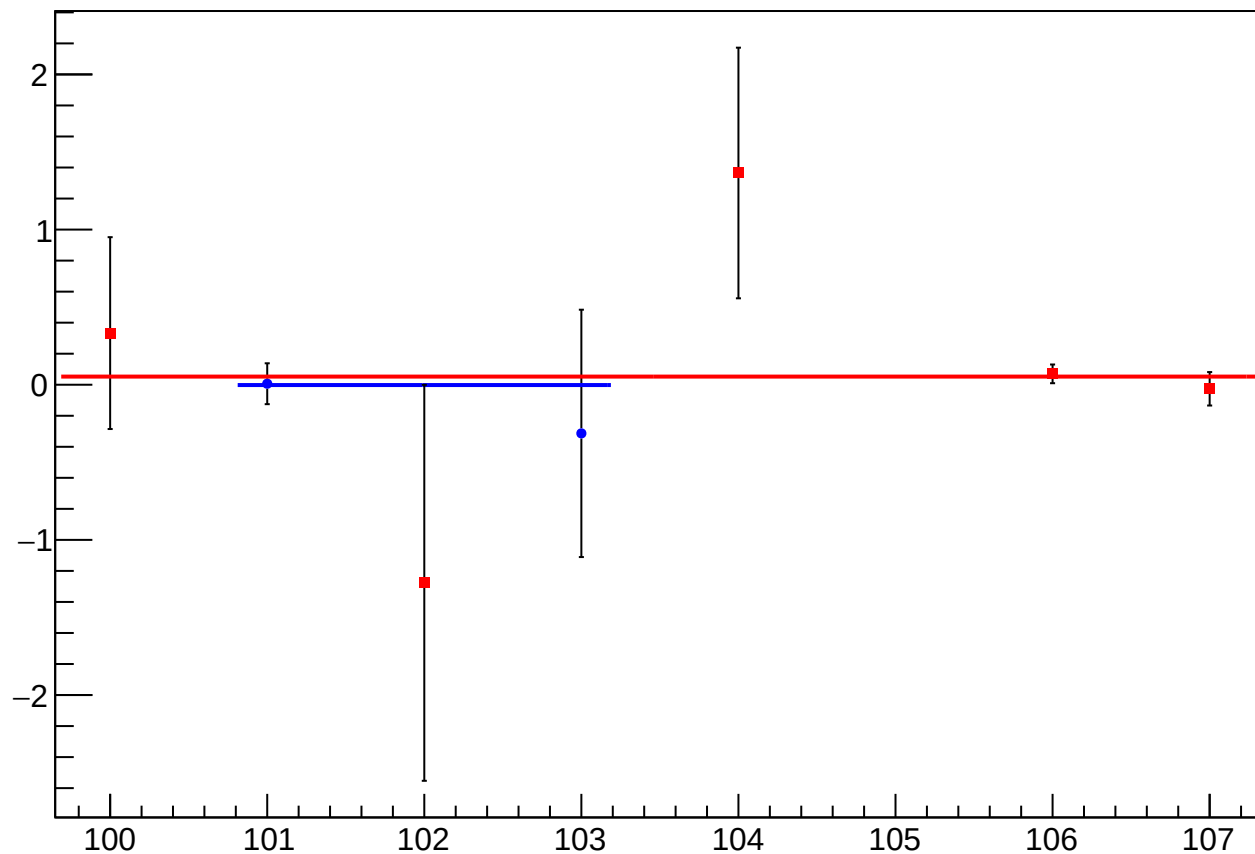
Right: 46.087 ± 0.034 χ^2/NDF : 3391620.6/6

In: 112.490 ± 0.092 χ^2/NDF : 821295.8/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 46.087 ± 0.034 χ^2/NDF : 3391620.6/6

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.130 χ^2 /NDF: 0.2/1

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

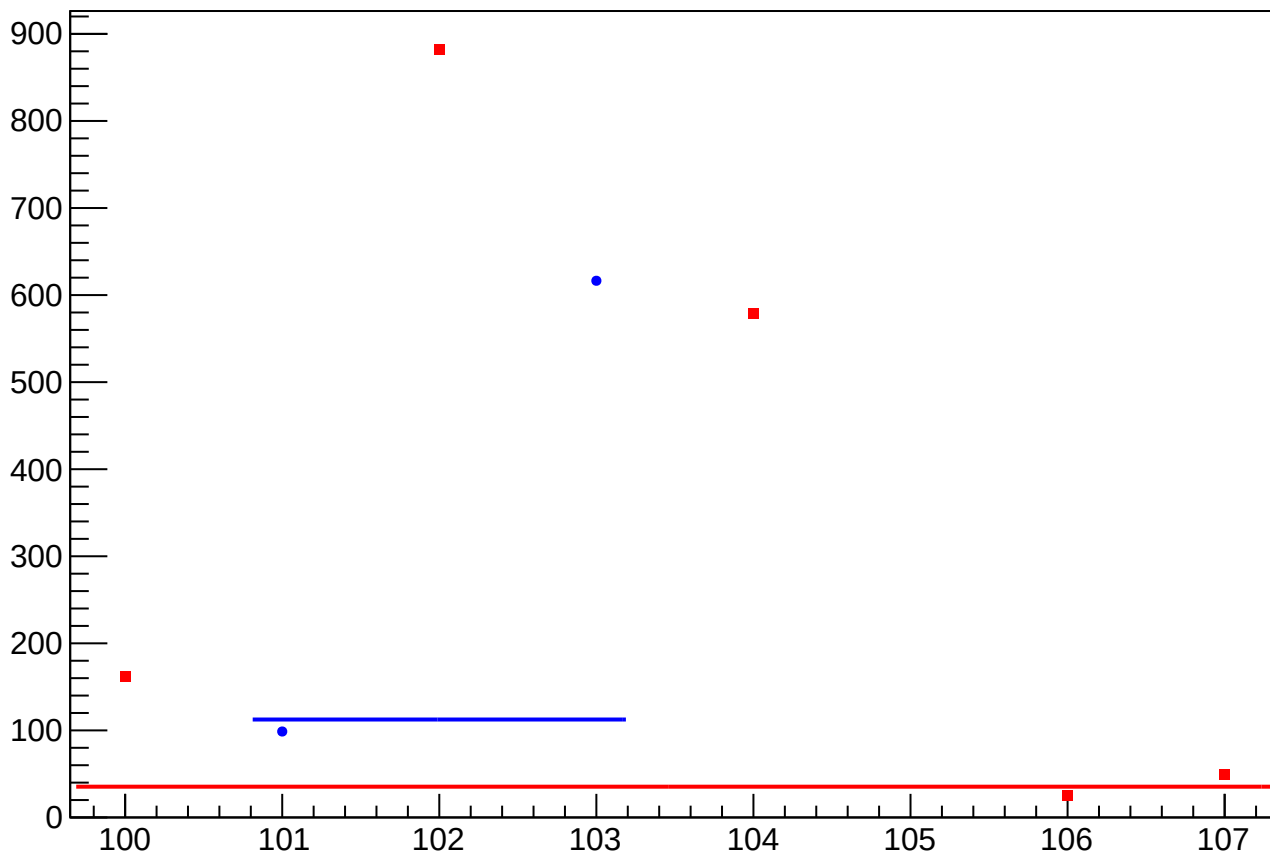
Right: 0.045 $\pm$ 0.049 χ^2 /NDF: 4.9/6

In: -0.002 $\pm$ 0.130 χ^2 /NDF:0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.045 $\pm$ 0.049 χ^2 /NDF: 4.9/6

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 112.490+/-0.092 χ^2/NDF : 821295.8/1

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

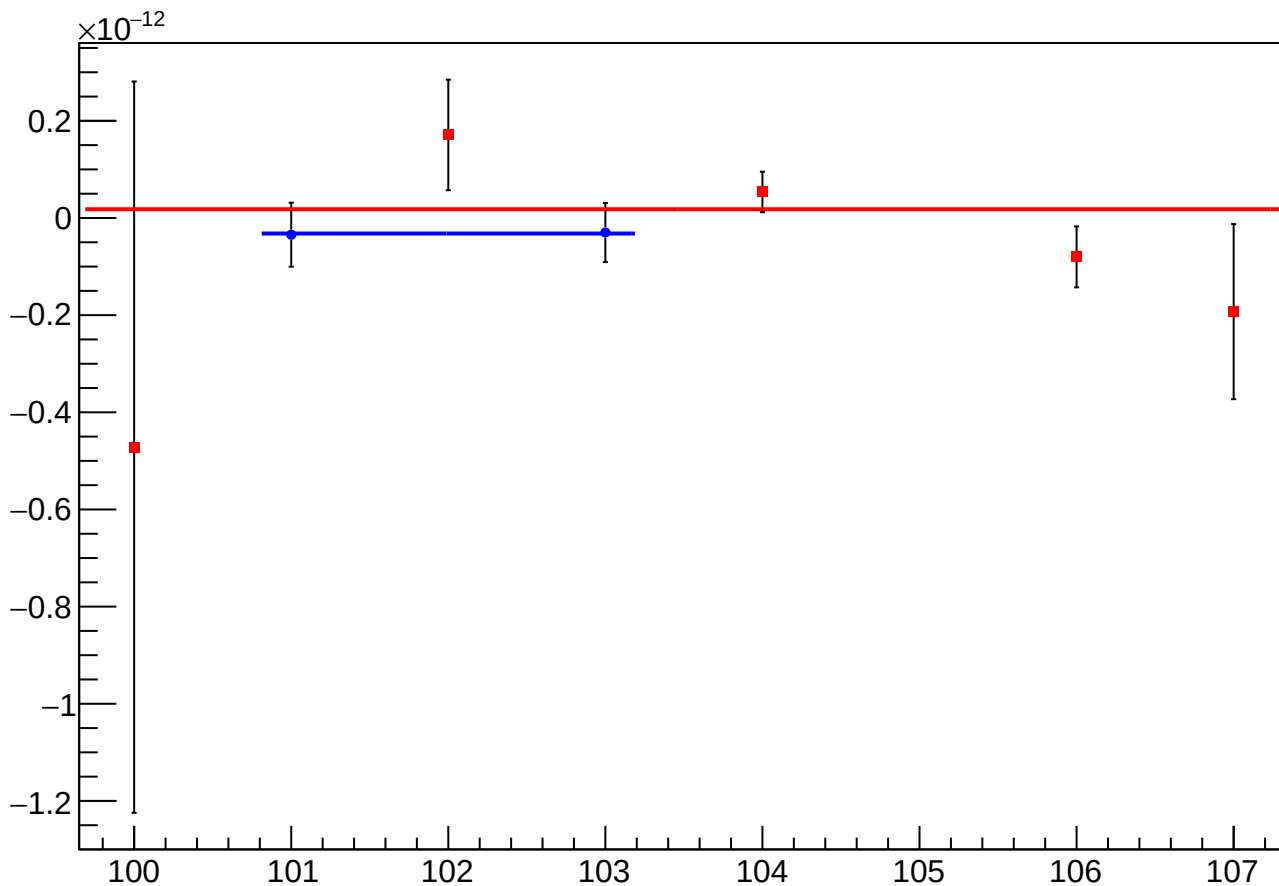
Right: 46.087+/-0.034 χ^2/NDF : 3391620.6/6

In: 112.490+/-0.092 χ^2/NDF : 821295.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.087+/-0.034 χ^2/NDF : 3391620.6/6

asym_at2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.0/1

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

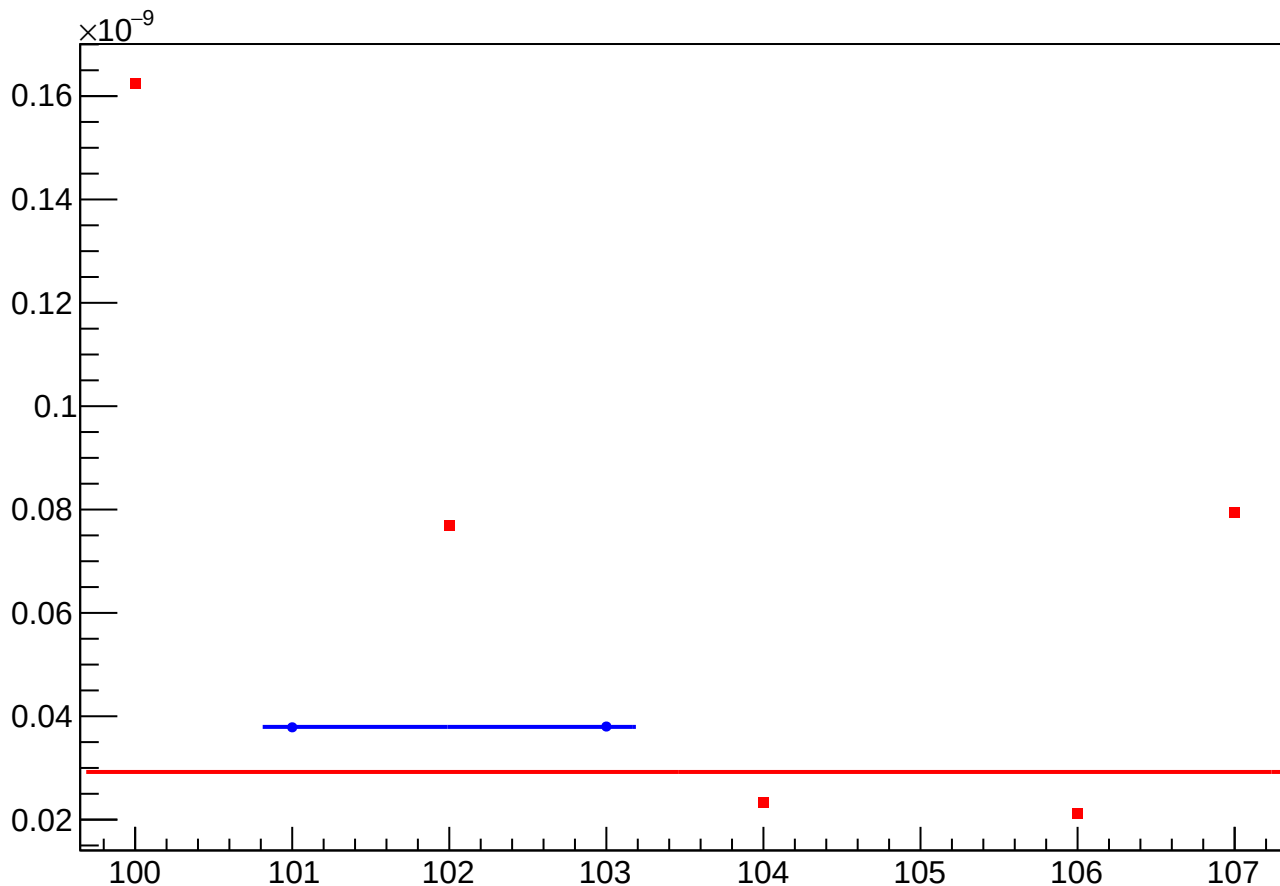
Right: 0.000+/-0.000 χ^2 /NDF: 7.6/6

In: -0.000+/-0.000 χ^2 /NDF:0.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 7.6/6

asym_at2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.7/1

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

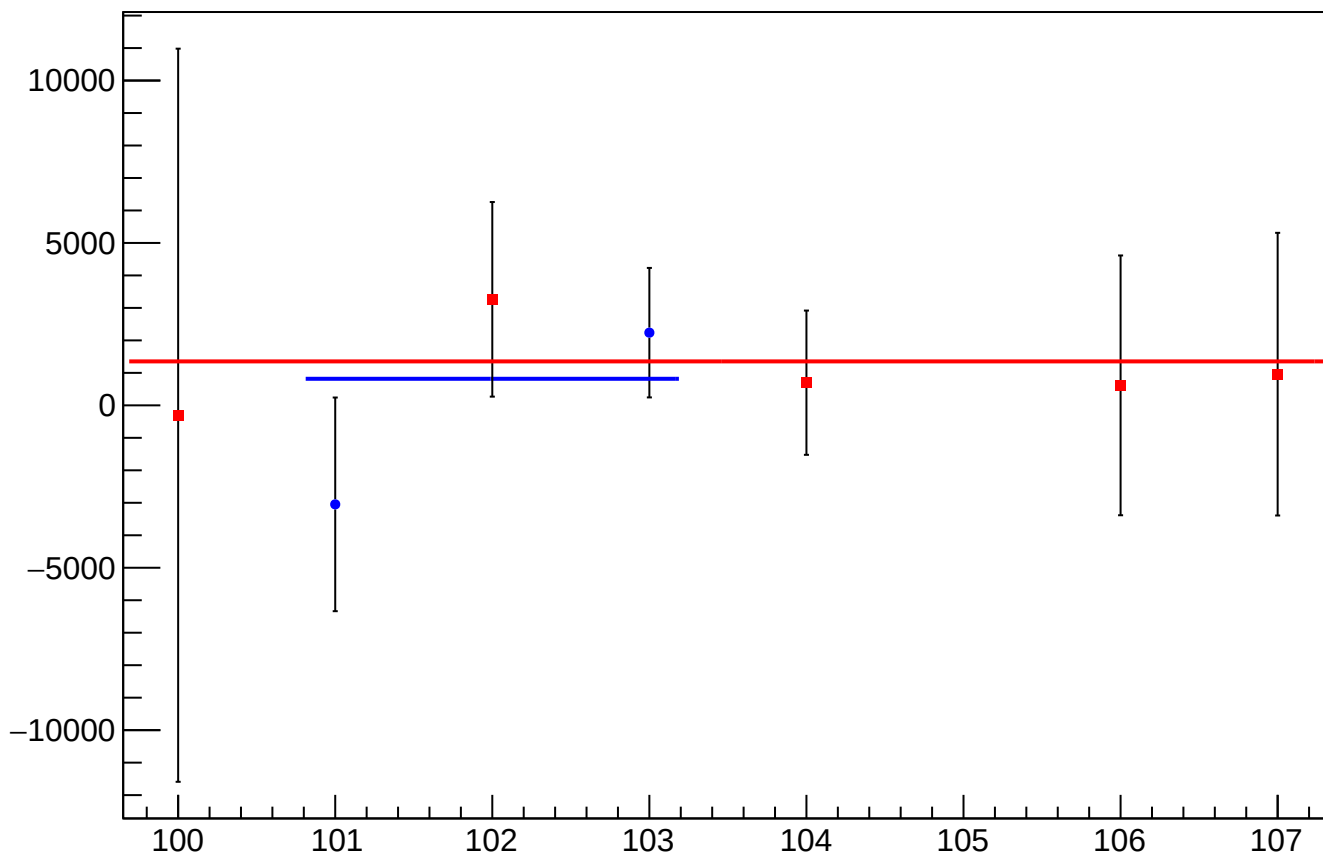
Right: 0.000+/-0.000 χ^2/NDF : 691359.7/6

In: 0.000+/-0.000 χ^2/NDF : 5.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 691359.7/6

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 817.680+/-1704.741 χ^2/NDF : 1.9/1

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

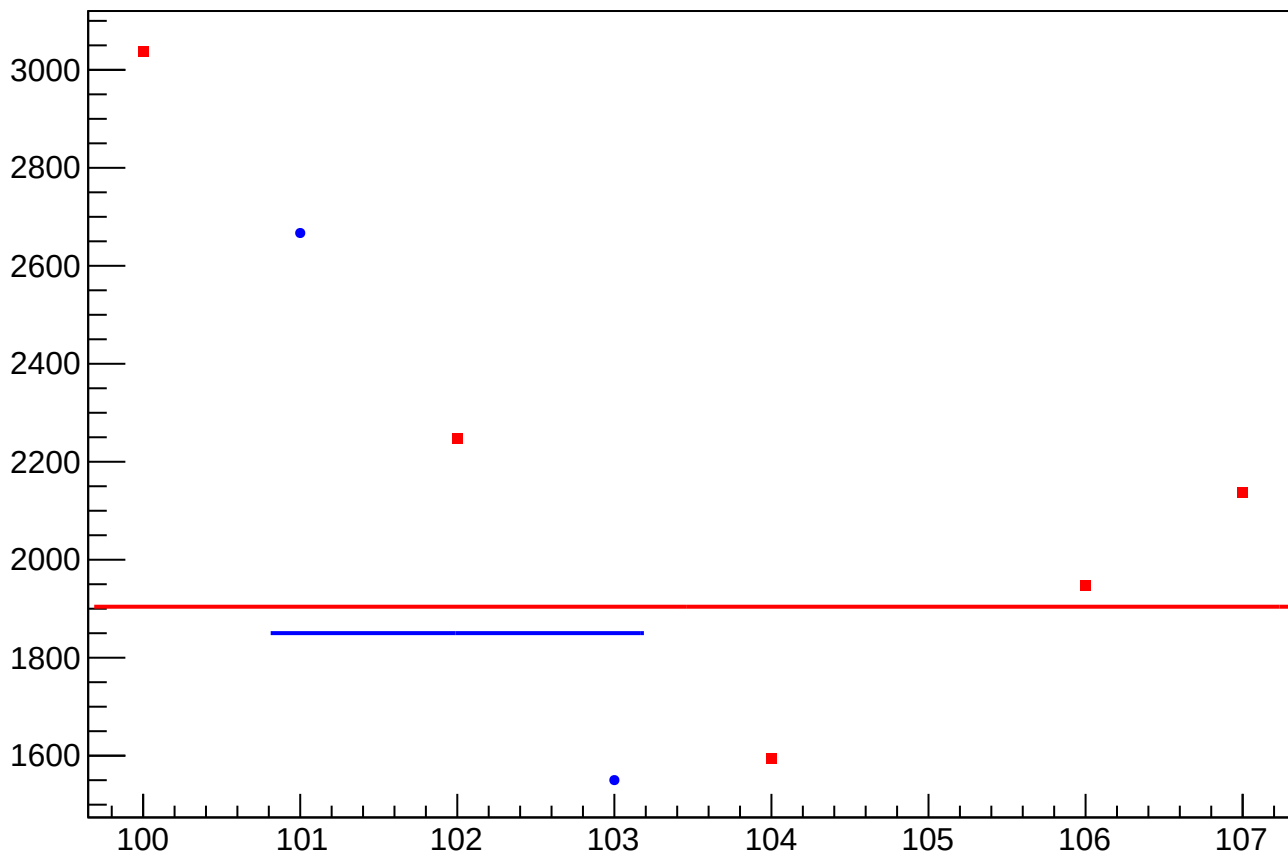
Right: 1117.436+/-1131.211 χ^2/NDF : 2.5/6

In: 817.680+/-1704.741 χ^2/NDF : 1.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1117.436+/-1131.211 χ^2/NDF : 2.5/6

reg_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1850.188+/-1.205 χ^2/NDF : 168652.1/1

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

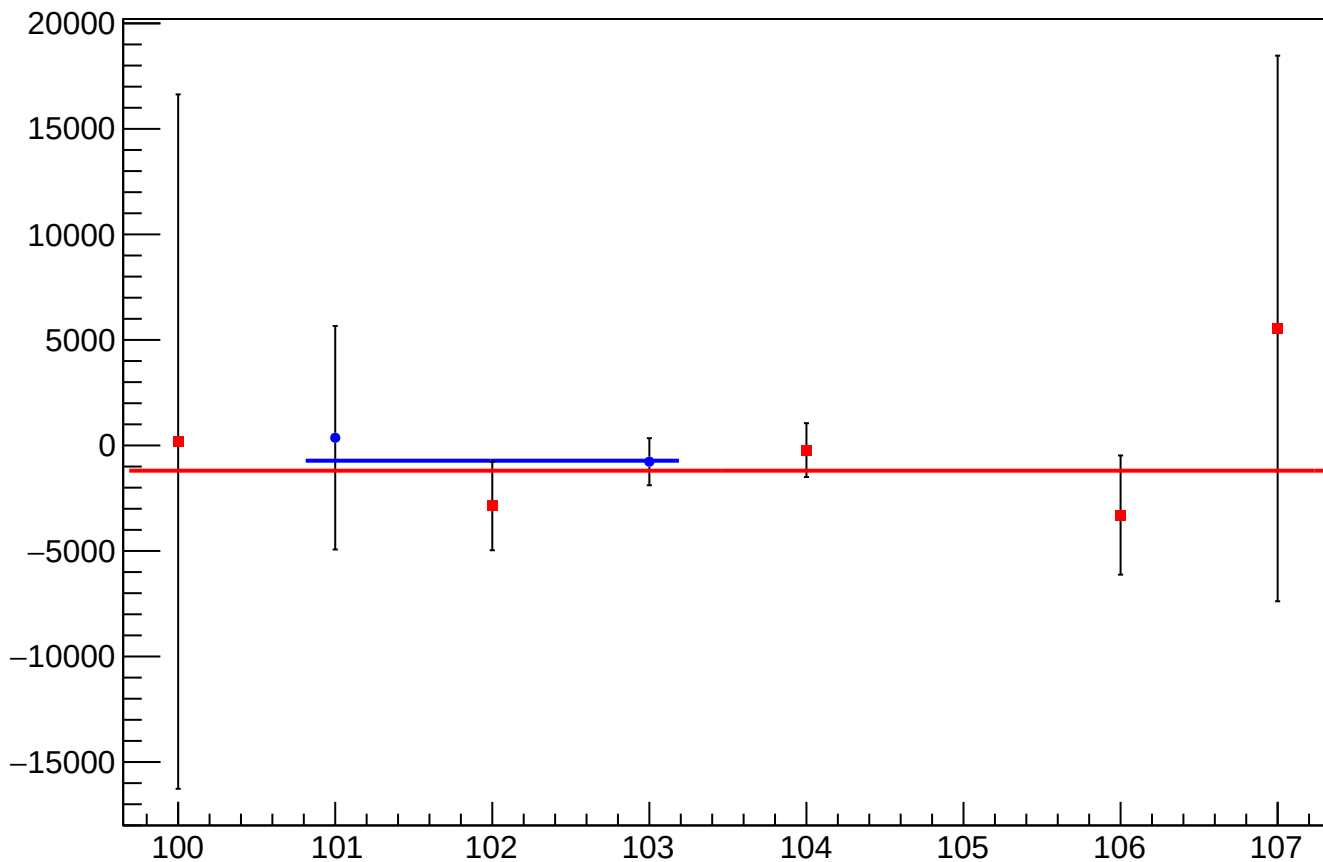
Right: 1880.640+/-0.795 χ^2/NDF : 260907.1/6

In: 1850.188+/-1.205 χ^2/NDF : 168652.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1880.640+/-0.795 χ^2/NDF : 260907.1/6

asym_atl1r2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -722.385+/-1090.497 χ^2/NDF : 0.0/1

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

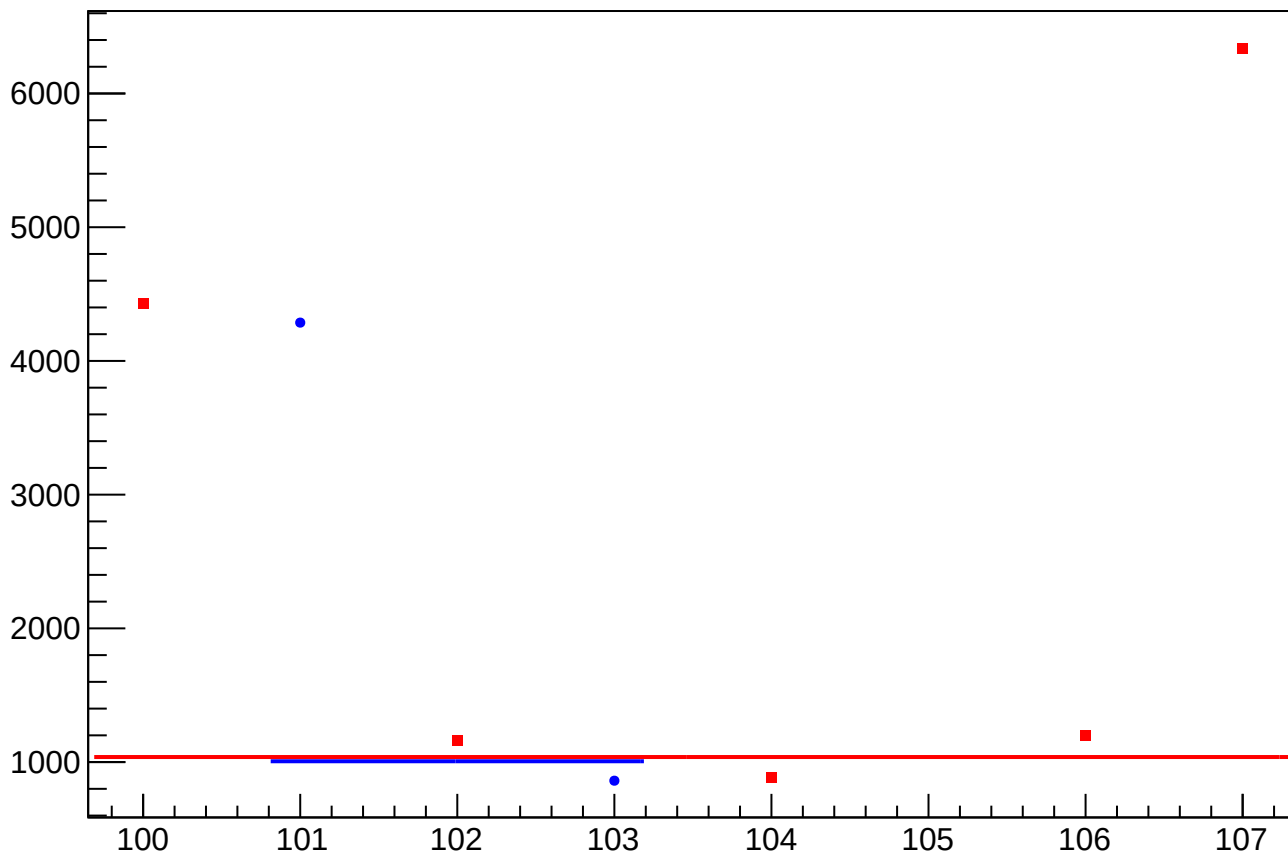
Right: -976.529+/-741.609 χ^2/NDF : 2.2/6

In: -722.385+/-1090.497 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -976.529+/-741.609 χ^2/NDF : 2.2/6

asym_atl1r2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1006.204+/-0.771 χ^2 /NDF: 801786.0/1

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

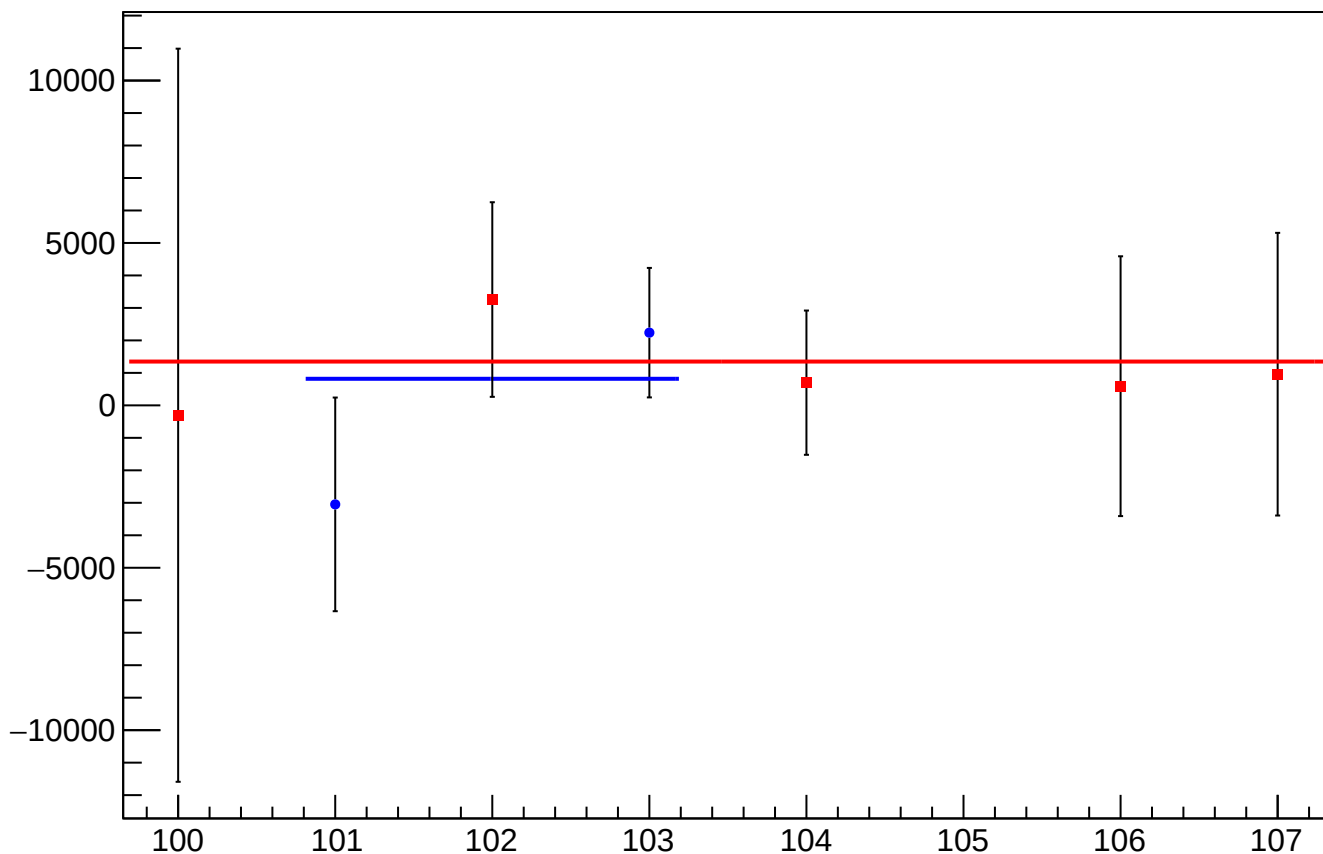
Right: 1023.224+/-0.524 χ^2 /NDF: 1264998.4/6

In: 1006.204+/-0.771 χ^2 /NDF:801786.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1023.224+/-0.524 χ^2 /NDF: 1264998.4/6

cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 818.018 $\pm$ 1704.741 χ^2 /NDF: 1.9/1

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

Right Out: 1348.602 $\pm$ 1512.088 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

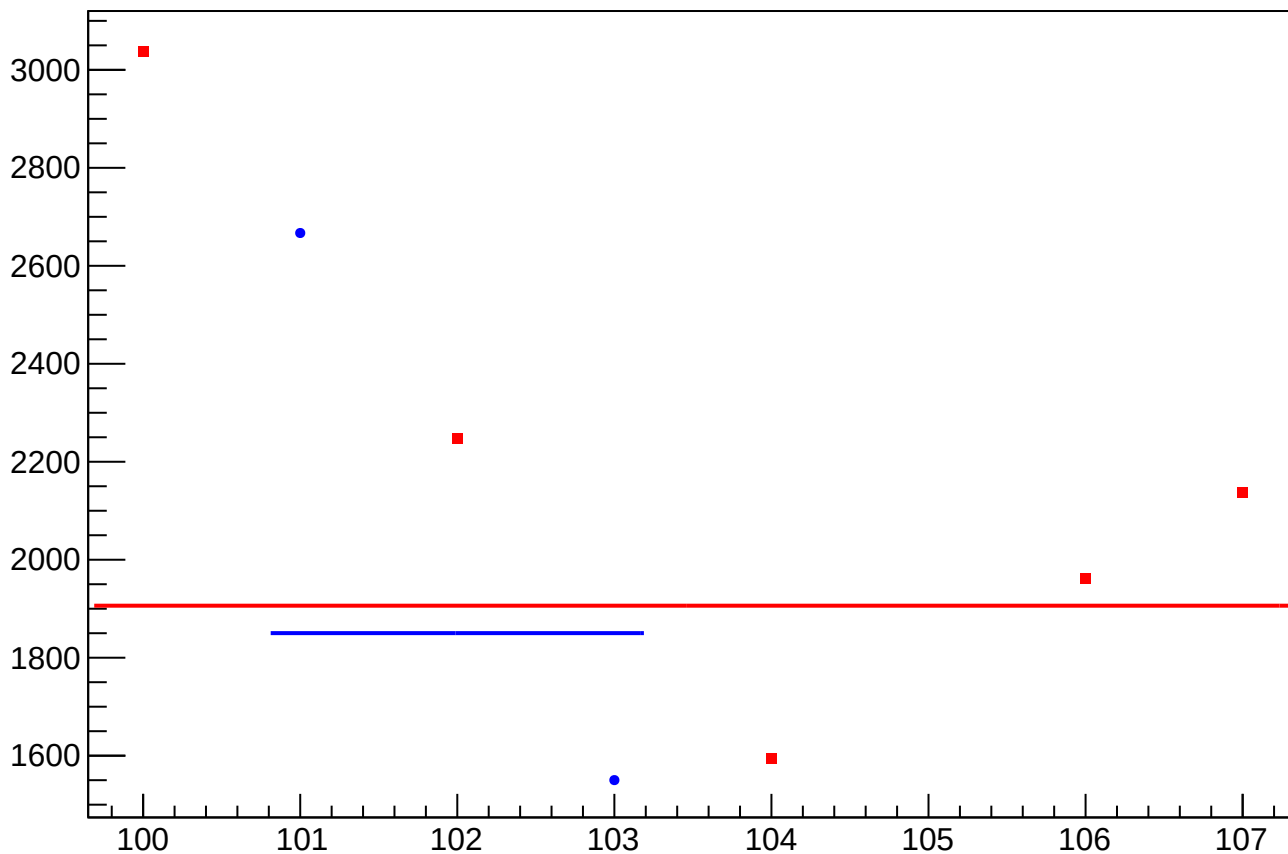
Right: 1114.972 $\pm$ 1131.215 χ^2 /NDF: 2.5/6

In: 818.018 $\pm$ 1704.741 χ^2 /NDF:1.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1114.972 $\pm$ 1131.215 χ^2 /NDF: 2.5/6

cor_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1850.188+/-1.205 χ^2/NDF : 168652.0/1

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

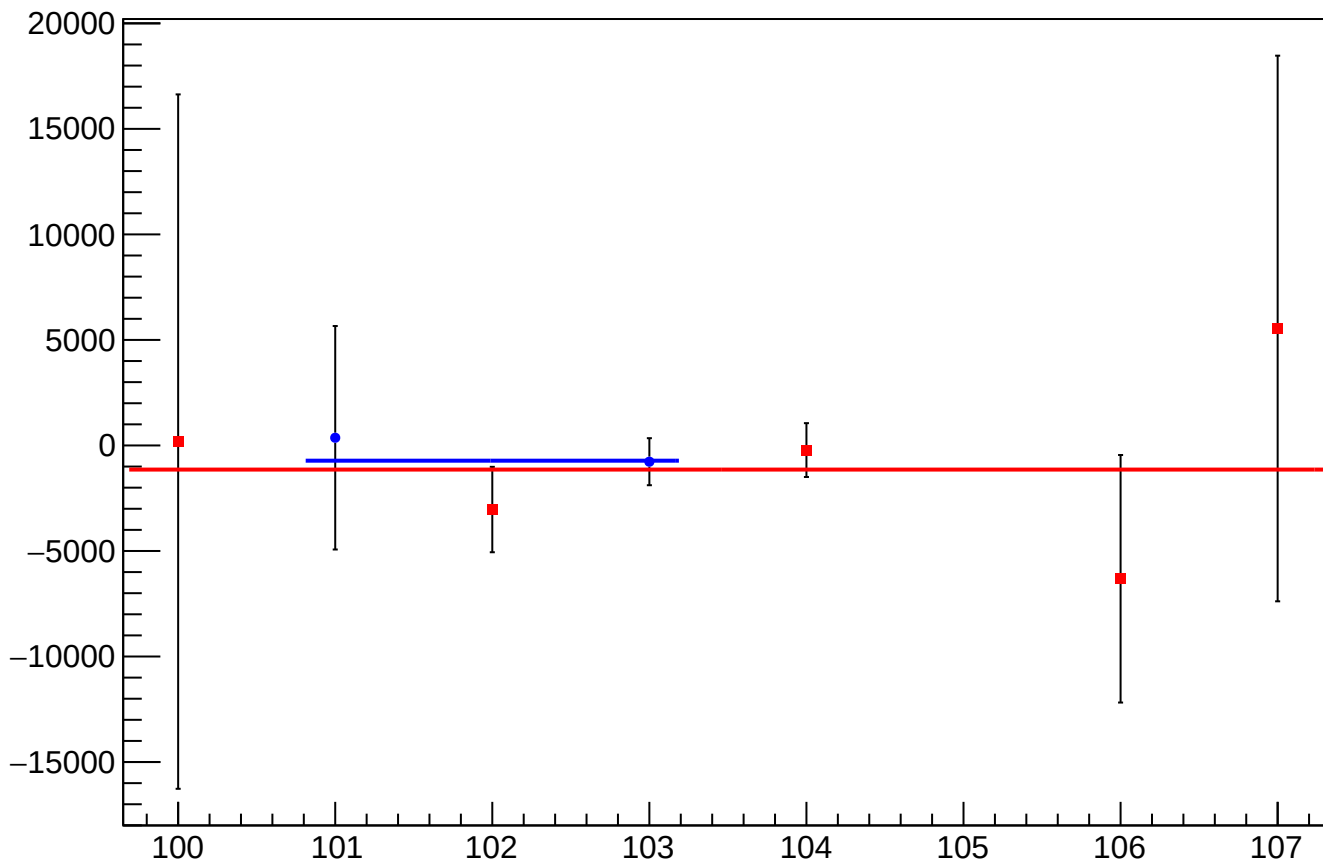
Right: 1881.794+/-0.796 χ^2/NDF : 261186.8/6

In: 1850.188+/-1.205 χ^2/NDF : 168652.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1881.794+/-0.796 χ^2/NDF : 261186.8/6

asym_atl1r2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -721.816+/-1090.420 χ^2/NDF : 0.0/1

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

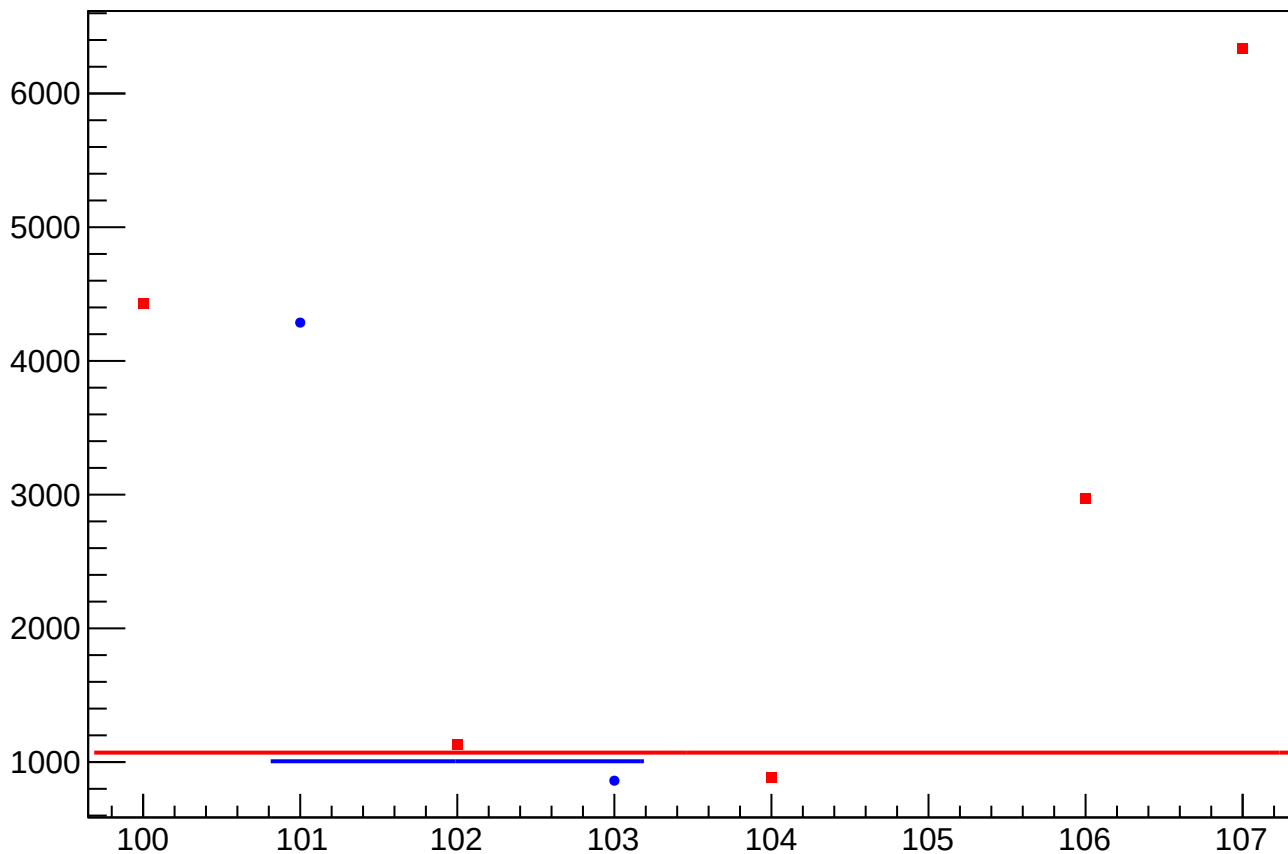
Right: -939.321+/-758.381 χ^2/NDF : 2.6/6

In: -721.816+/-1090.420 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -939.321+/-758.381 χ^2/NDF : 2.6/6

asym_atl1r2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1006.129+/-0.771 χ^2/NDF : 801817.6/1

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

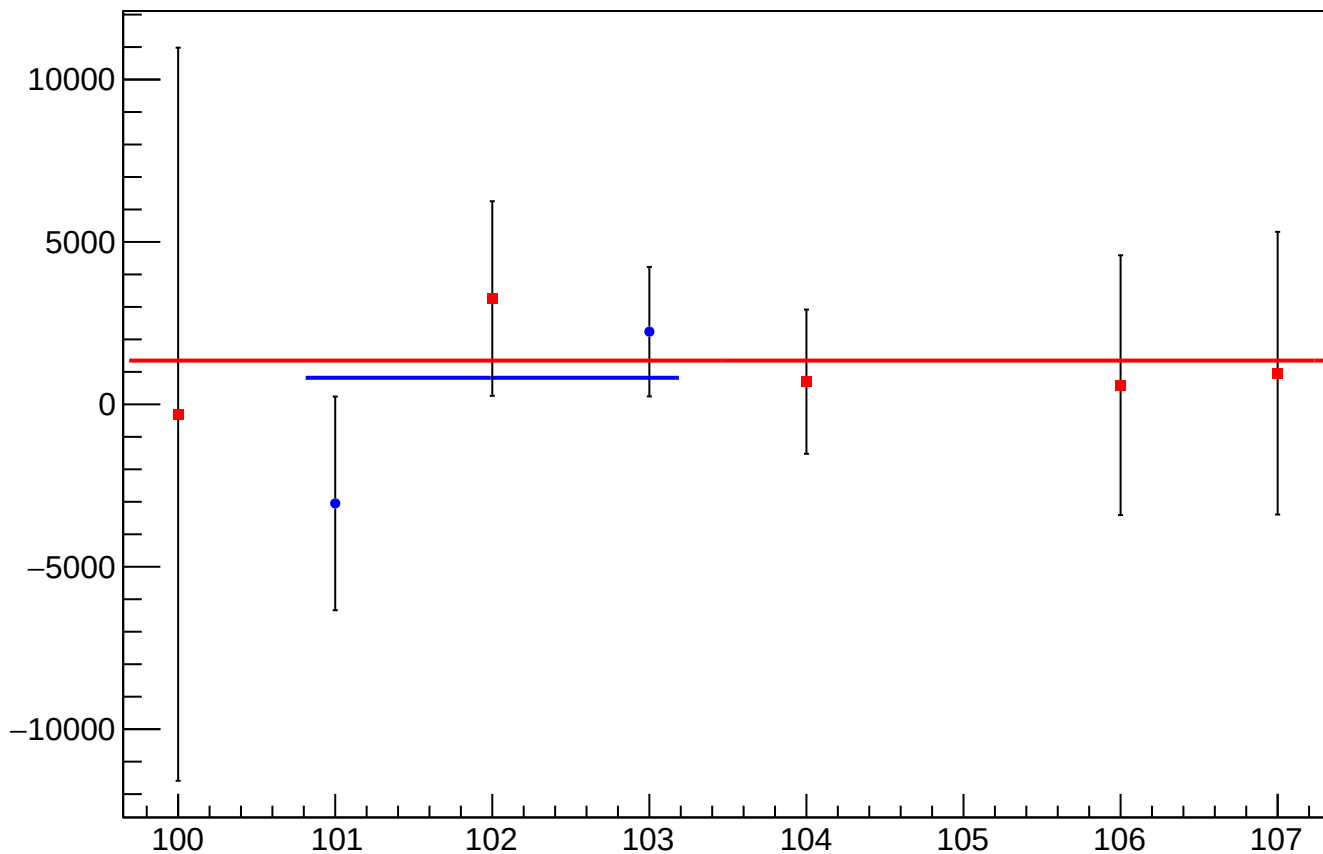
Right: 1039.528+/-0.536 χ^2/NDF : 1472994.9/6

In: 1006.129+/-0.771 χ^2/NDF : 801817.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1039.528+/-0.536 χ^2/NDF : 1472994.9/6

eigen_cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 818.018+/-1704.741 χ^2 /NDF: 1.9/1

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

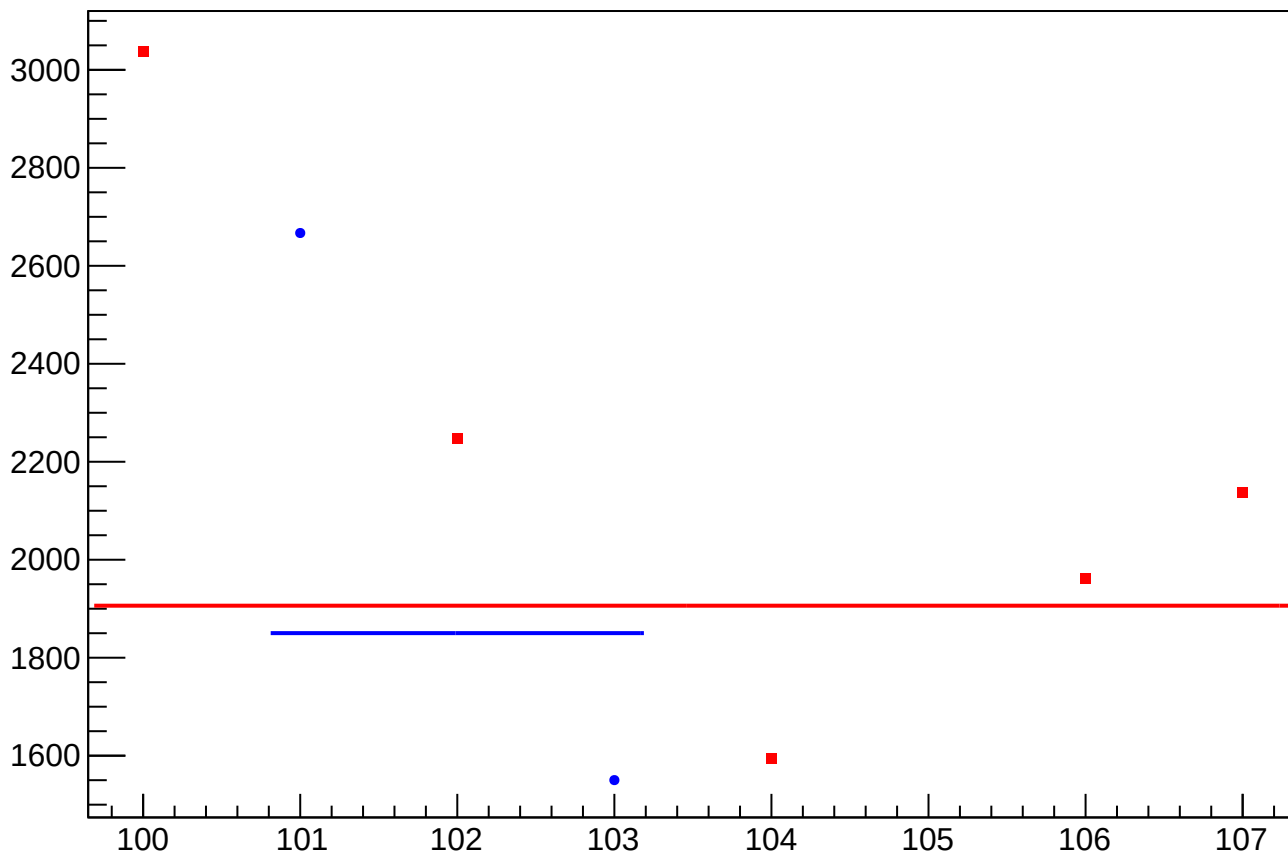
Right: 1114.972+/-1131.215 χ^2 /NDF: 2.5/6

In: 818.018+/-1704.741 χ^2 /NDF:1.9/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1114.972+/-1131.215 χ^2 /NDF: 2.5/6

eigen_cor_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1850.188+/-1.205 χ^2/NDF : 168652.0/1

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

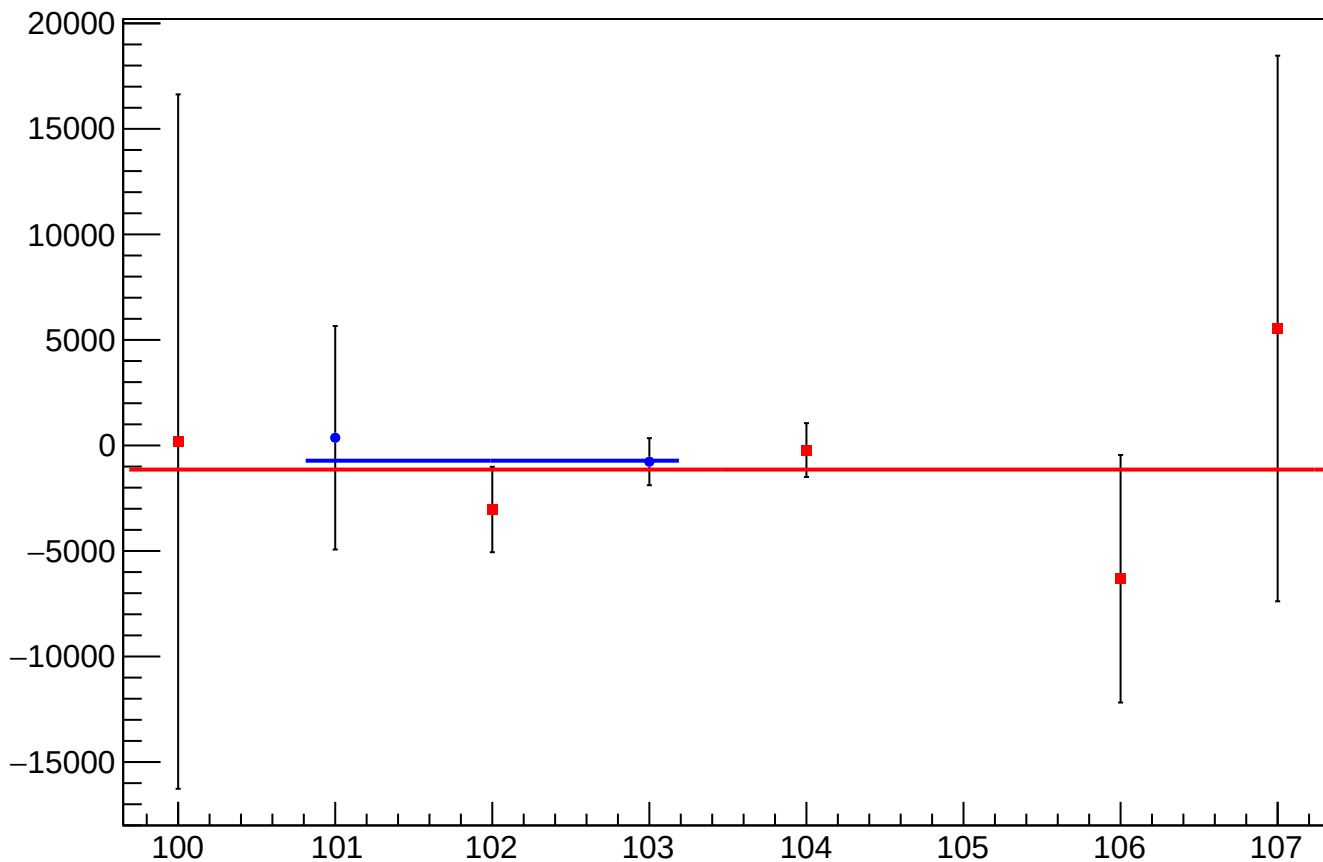
Right: 1881.794+/-0.796 χ^2/NDF : 261186.8/6

In: 1850.188+/-1.205 χ^2/NDF : 168652.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1881.794+/-0.796 χ^2/NDF : 261186.8/6

asym_atl1r2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -721.816+/-1090.420 χ^2/NDF : 0.0/1

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

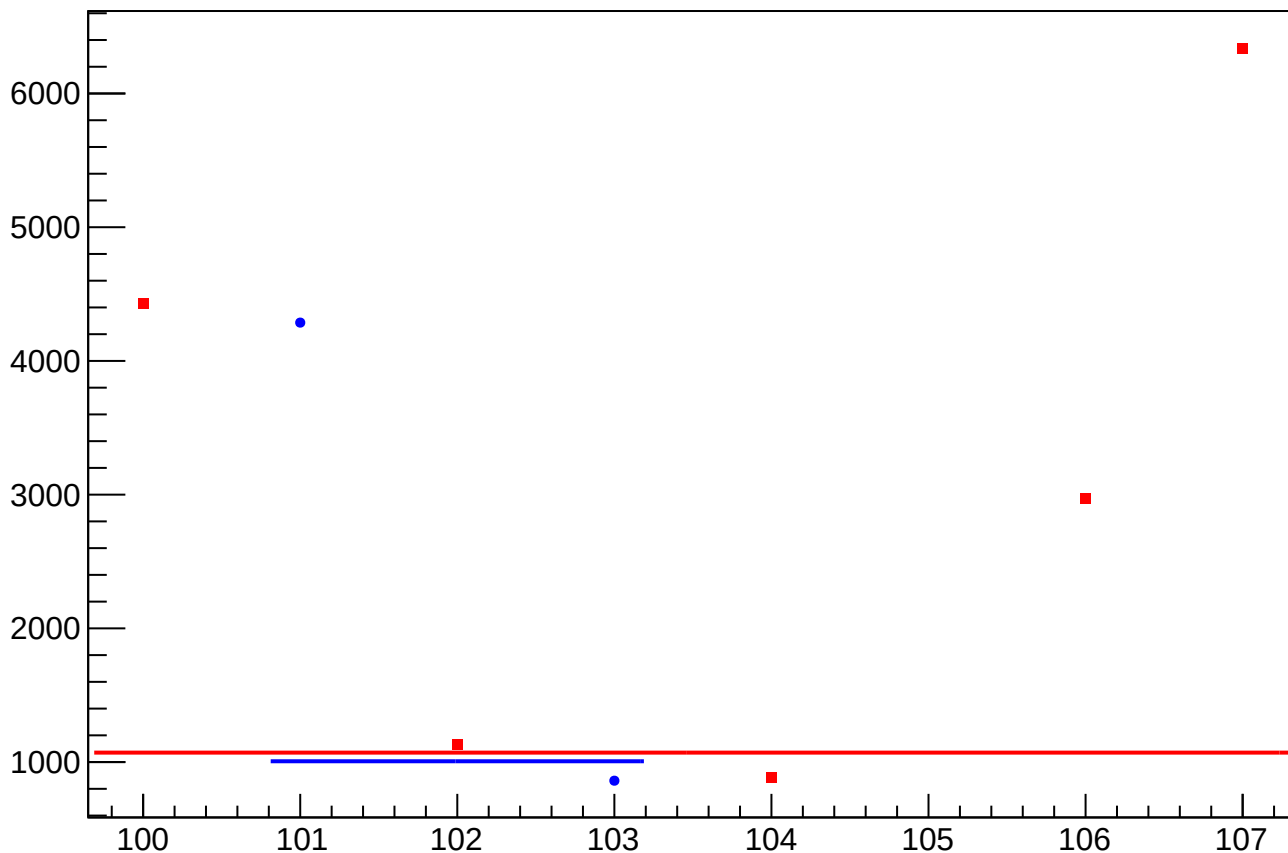
Right: -939.321+/-758.381 χ^2/NDF : 2.6/6

In: -721.816+/-1090.420 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -939.321+/-758.381 χ^2/NDF : 2.6/6

asym_atl1r2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1006.129+/-0.771 χ^2/NDF : 801817.6/1

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

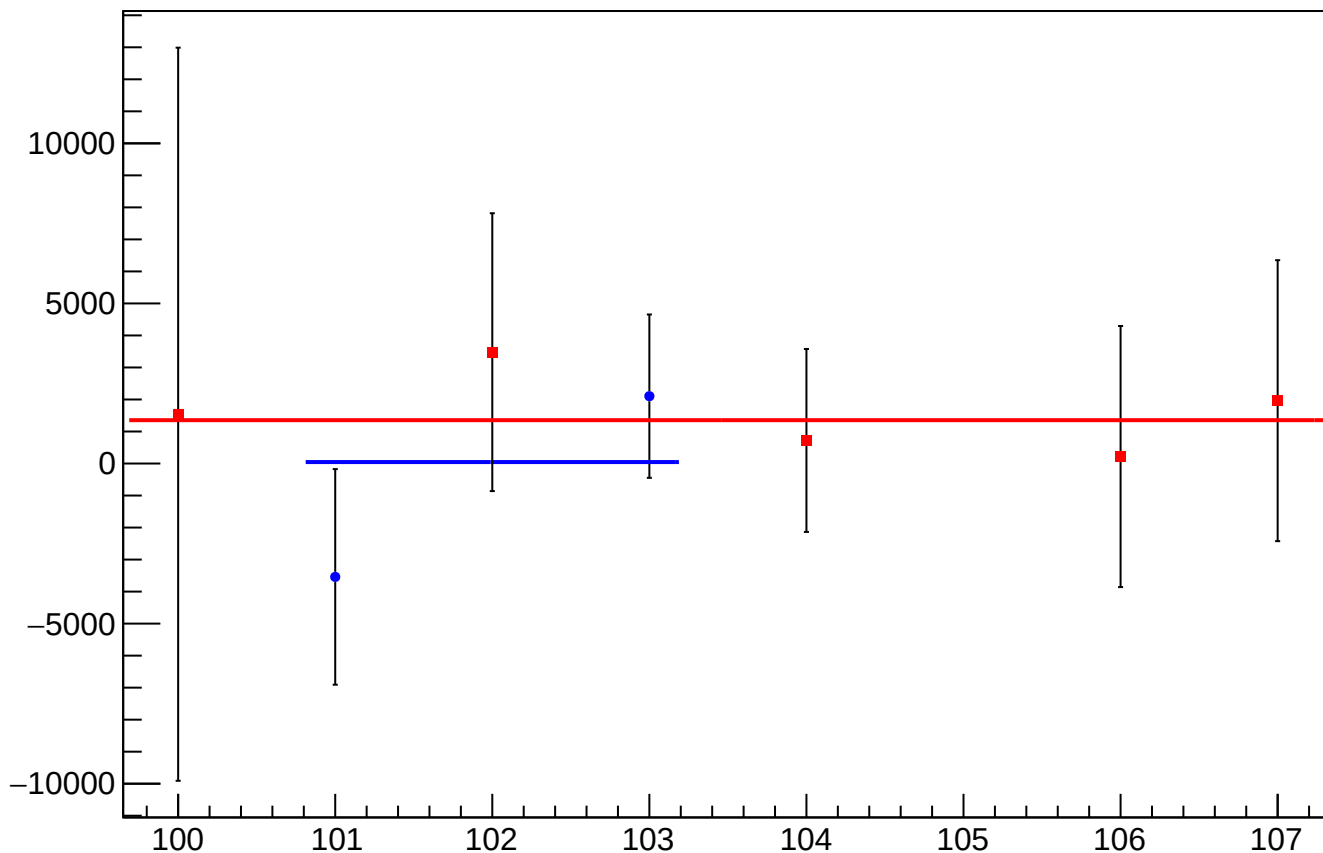
Right: 1039.528+/-0.536 χ^2/NDF : 1472994.9/6

In: 1006.129+/-0.771 χ^2/NDF : 801817.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1039.528+/-0.536 χ^2/NDF : 1472994.9/6

dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 45.615+/-2033.202 χ^2/NDF : 1.8/1

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

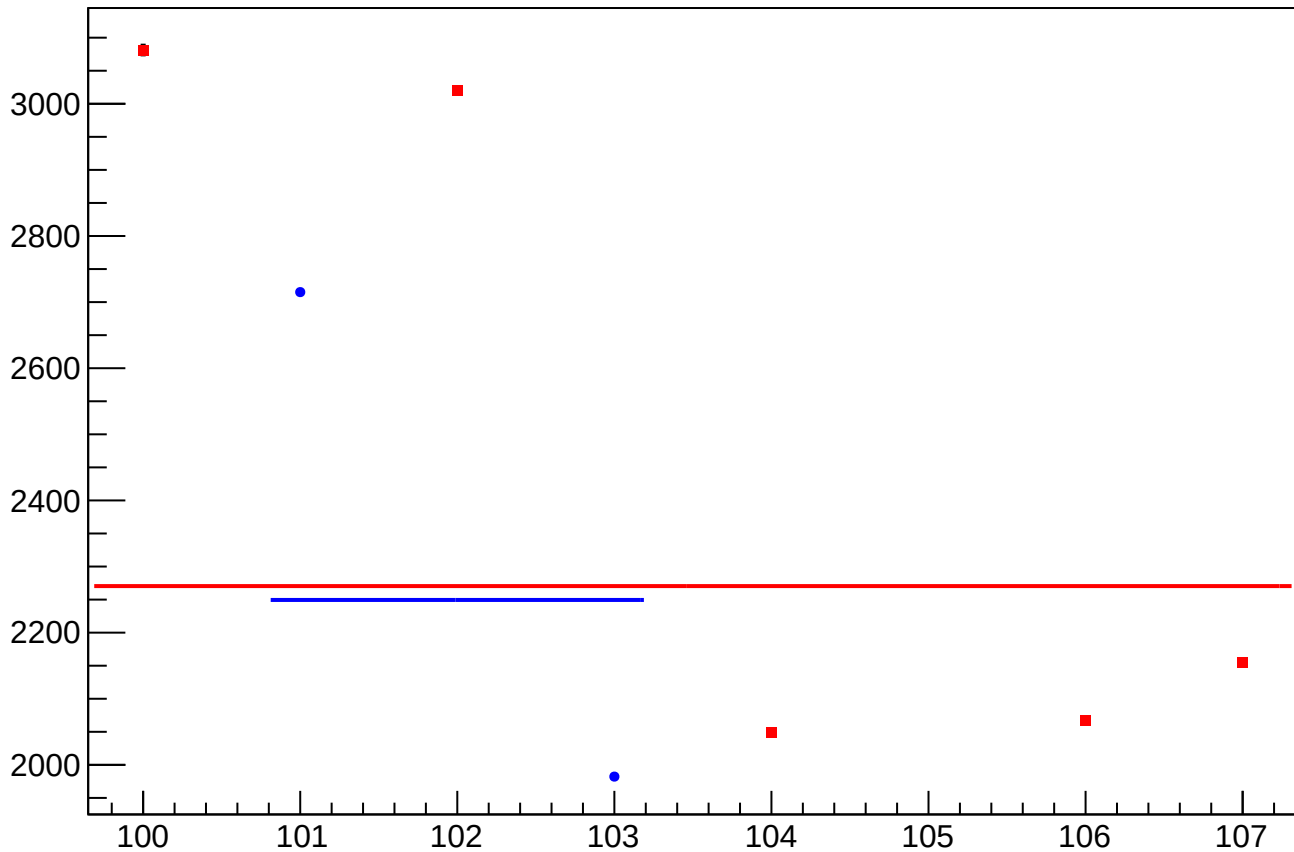
Right: 764.768+/-1364.281 χ^2/NDF : 2.4/6

In: 45.615+/-2033.202 χ^2/NDF : 1.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 764.768+/-1364.281 χ^2/NDF : 2.4/6

dit_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 2249.464+/-1.438 χ^2/NDF : 60204.0/1

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

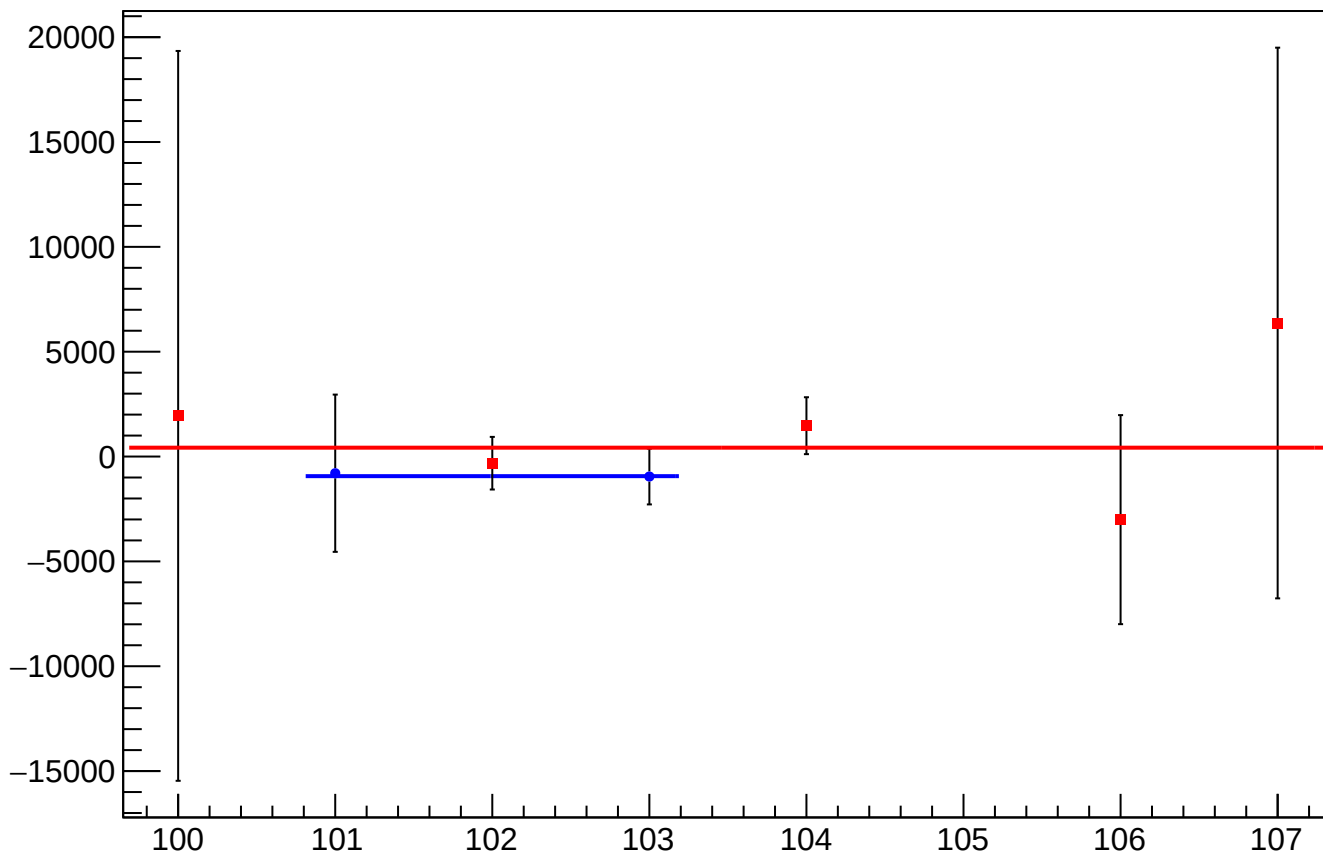
Right: 2261.044+/-0.962 χ^2/NDF : 148835.8/6

In: 2249.464+/-1.438 χ^2/NDF : 60204.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2261.044+/-0.962 χ^2/NDF : 148835.8/6

asym_atl1r2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -935.111+/-1253.802 χ^2/NDF : 0.0/1

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

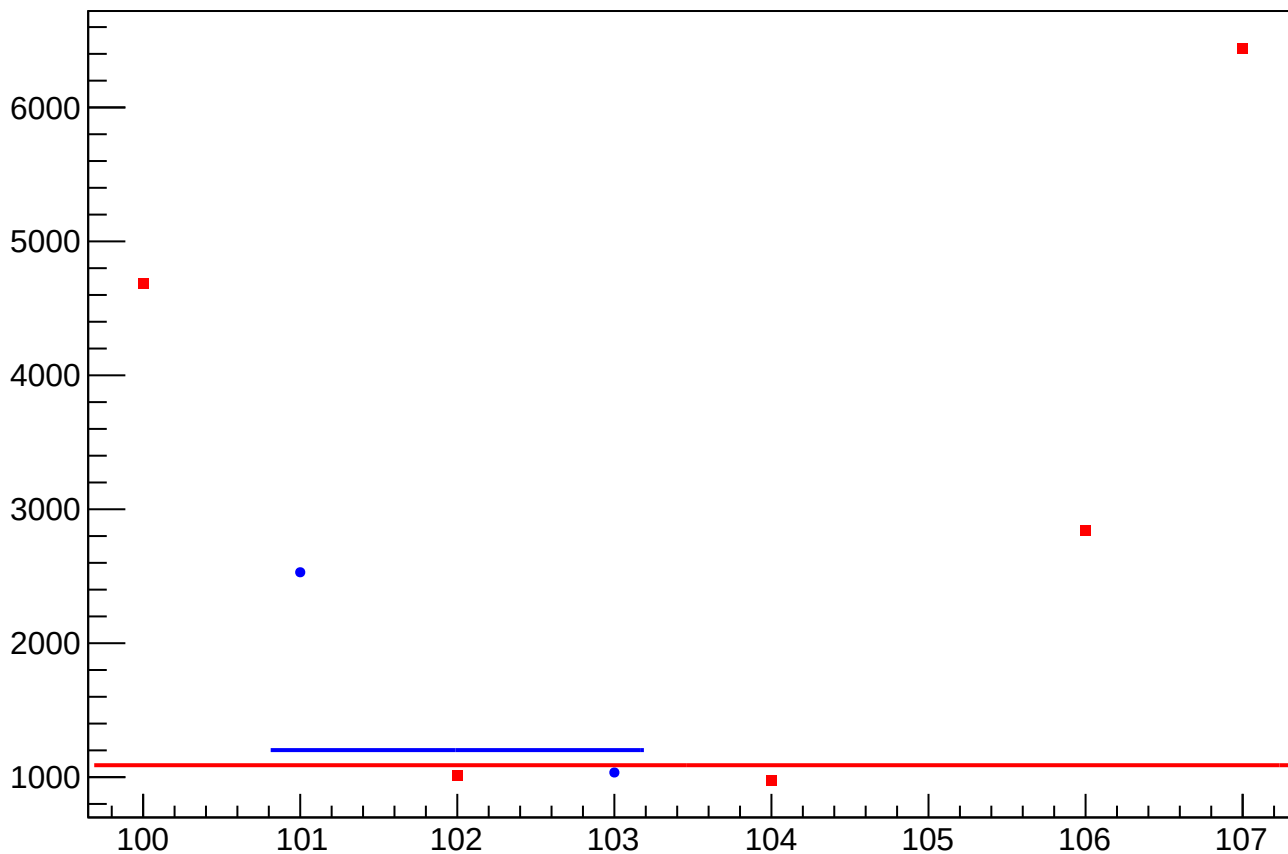
Right: -40.571+/-732.535 χ^2/NDF : 2.4/6

In: -935.111+/-1253.802 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.571+/-732.535 χ^2/NDF : 2.4/6

asym_atl1r2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1201.959+/-0.887 χ^2/NDF : 282328.4/1

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

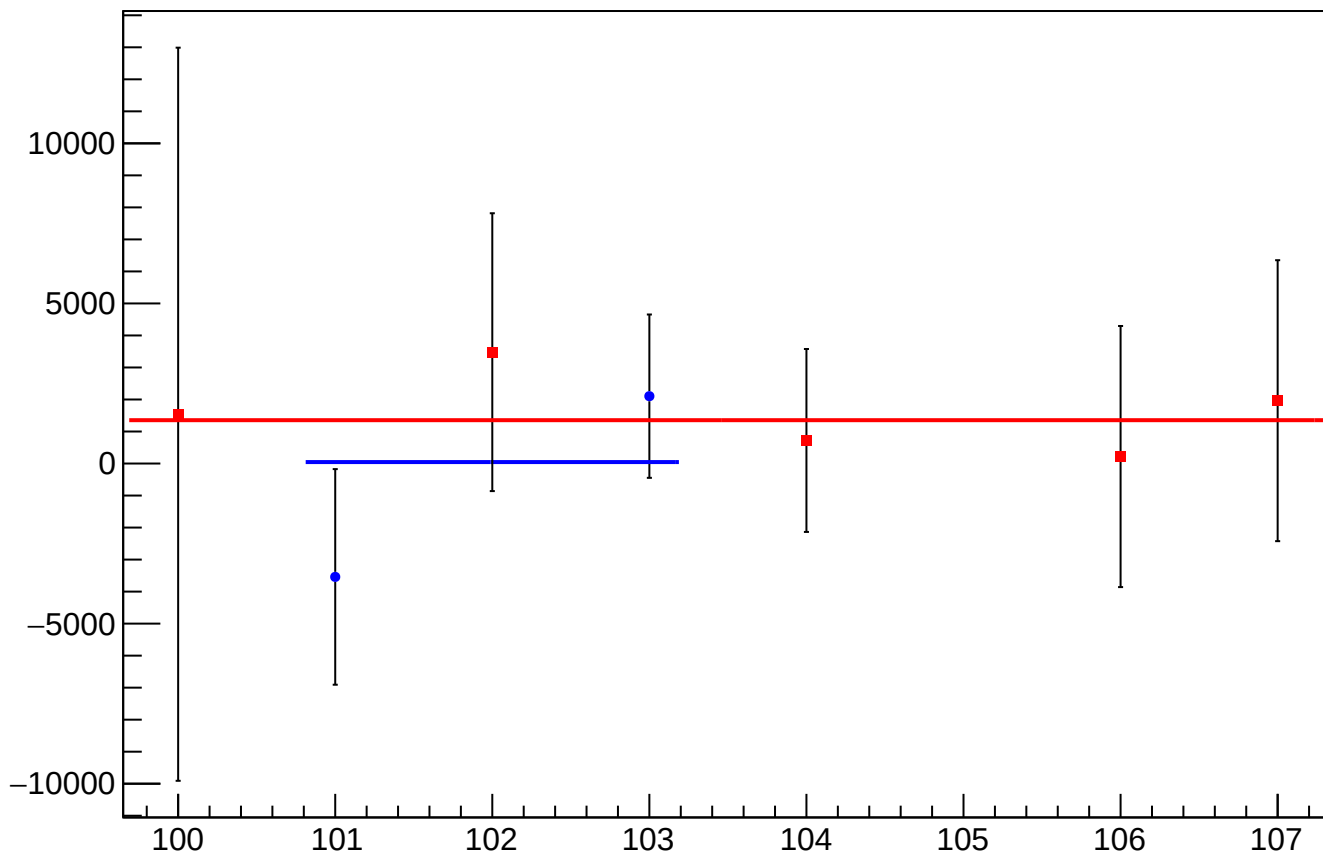
Right: 1127.644+/-0.518 χ^2/NDF : 980182.9/6

In: 1201.959+/-0.887 χ^2/NDF : 282328.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1127.644+/-0.518 χ^2/NDF : 980182.9/6

eigen_dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 45.599 $\pm$ 2033.199 χ^2 /NDF: 1.8/1

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

Right Out: 1353.743 $\pm$ 1840.000 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

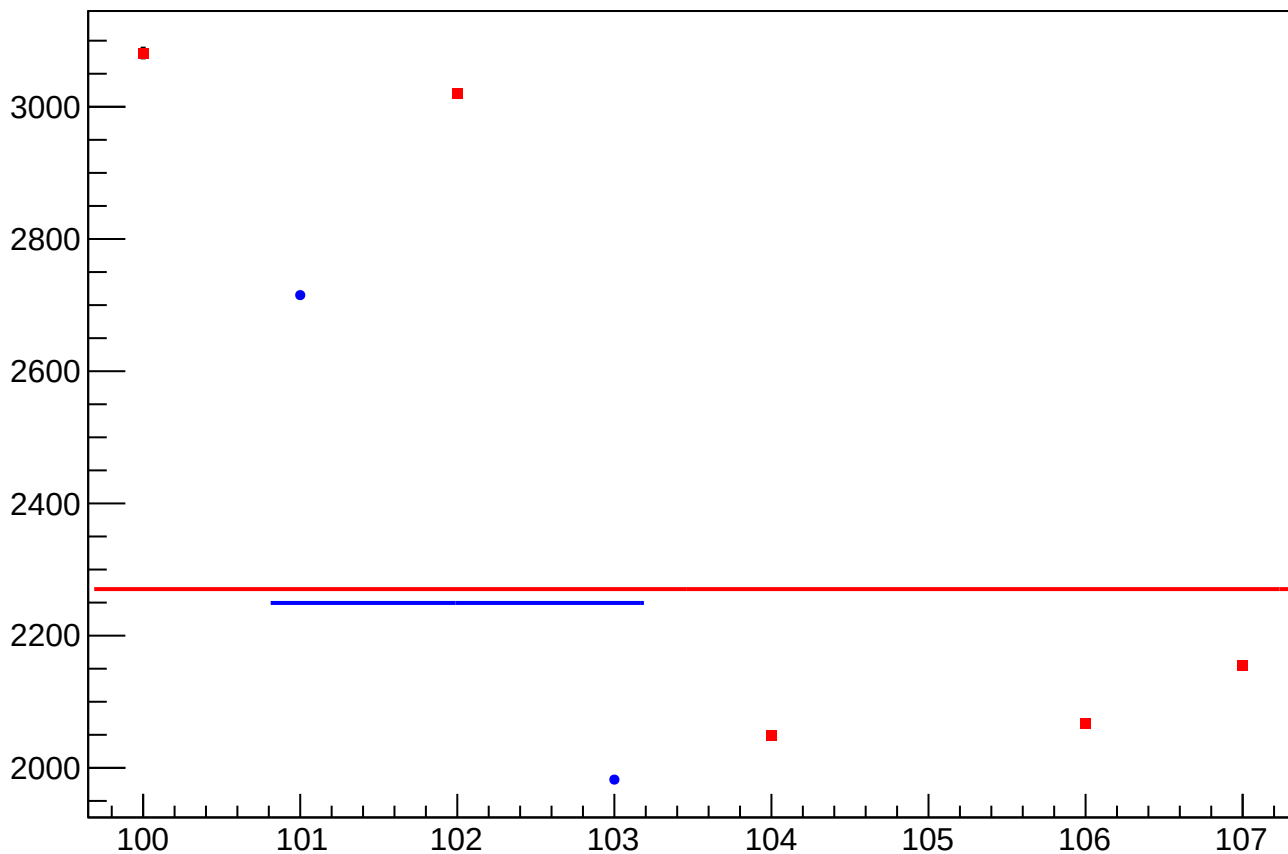
Right: 764.760 $\pm$ 1364.279 χ^2 /NDF: 2.4/6

In: 45.599 $\pm$ 2033.199 χ^2 /NDF:1.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 764.760 $\pm$ 1364.279 χ^2 /NDF: 2.4/6

eigen_dit_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 2249.460+/-1.438 χ^2/NDF : 60204.8/1

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

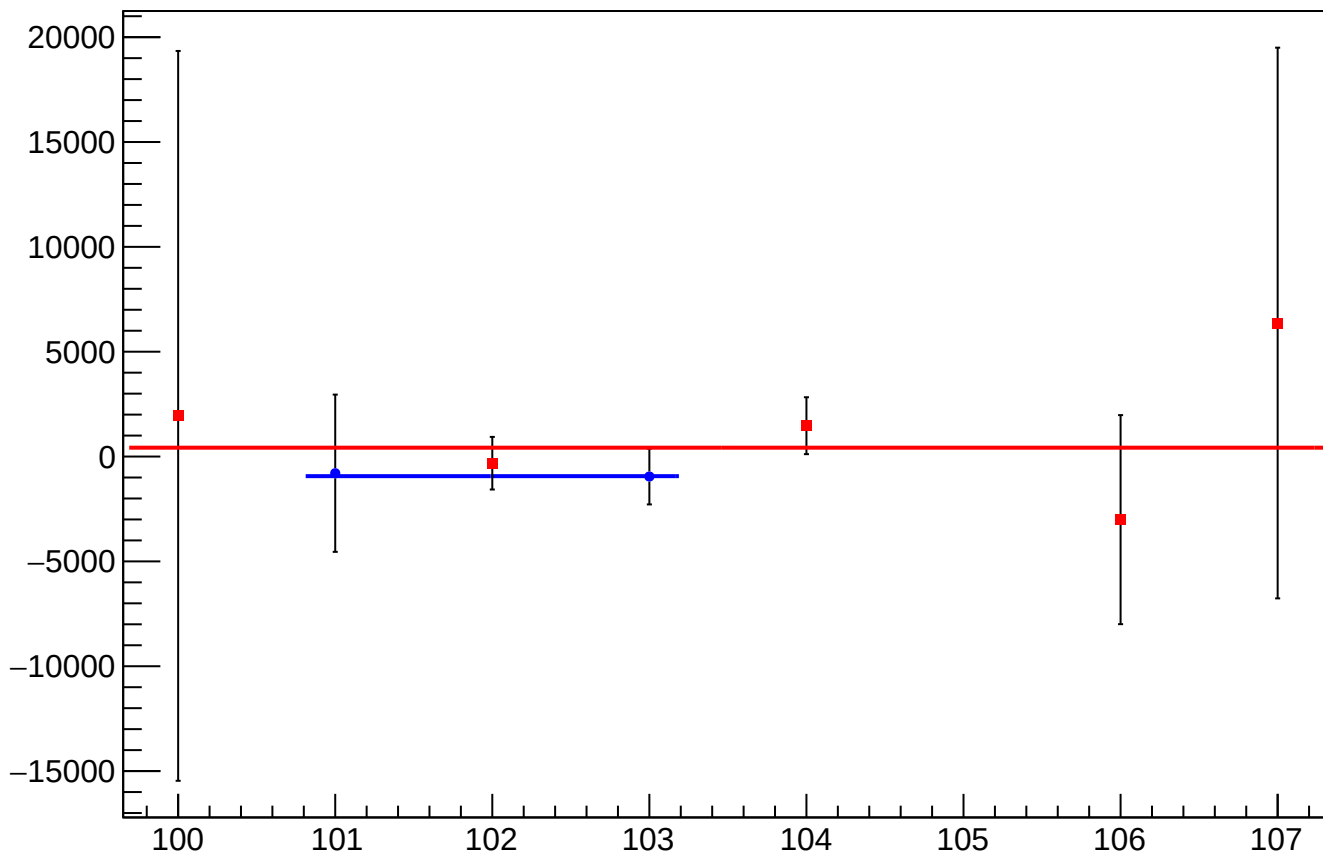
Right: 2261.041+/-0.962 χ^2/NDF : 148836.3/6

In: 2249.460+/-1.438 χ^2/NDF : 60204.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2261.041+/-0.962 χ^2/NDF : 148836.3/6

asym_atl1r2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -935.117+/-1253.801 χ^2/NDF : 0.0/1

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

Right Out: 423.023+/-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

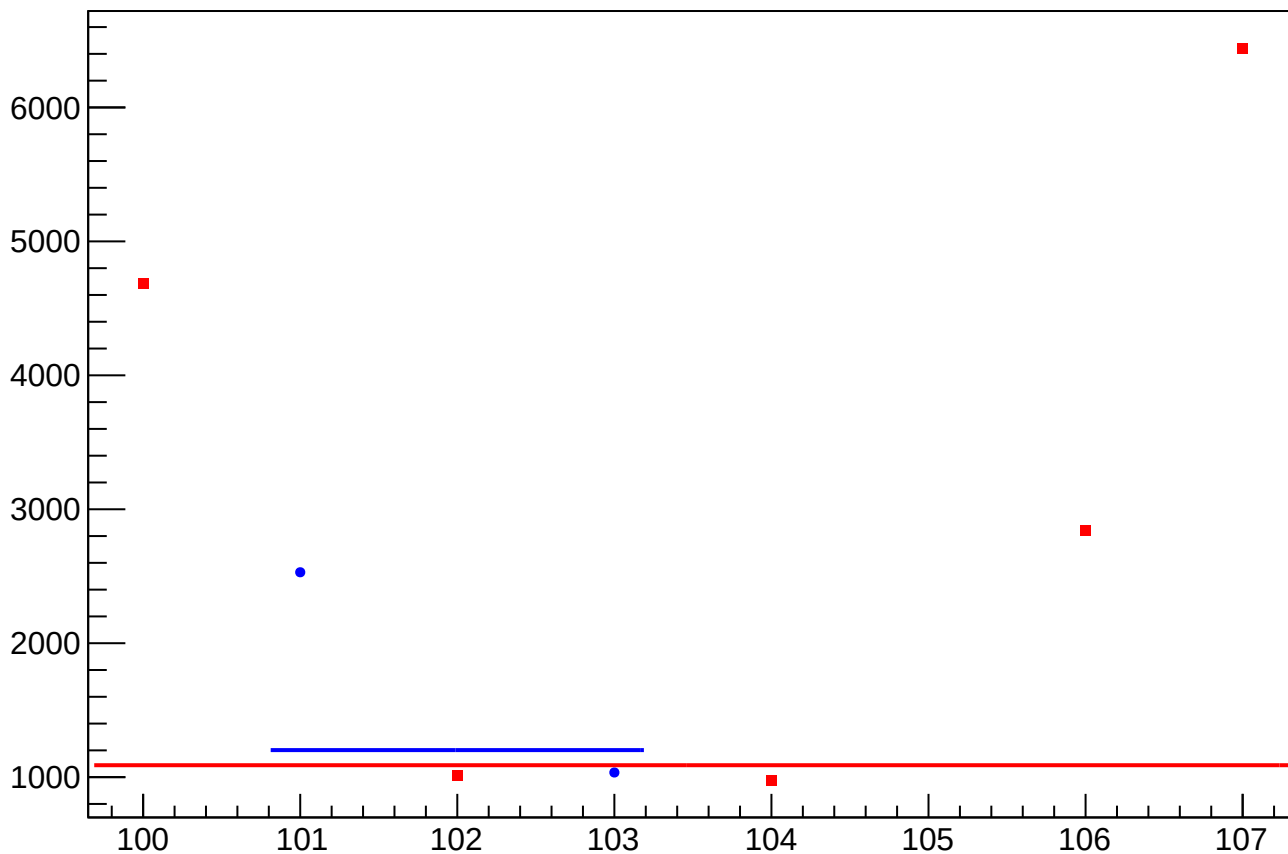
Right: -40.577+/-732.535 χ^2/NDF : 2.4/6

In: -935.117+/-1253.801 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.577+/-732.535 χ^2/NDF : 2.4/6

asym_atl1r2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1201.959+/-0.887 χ^2/NDF : 282328.7/1

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

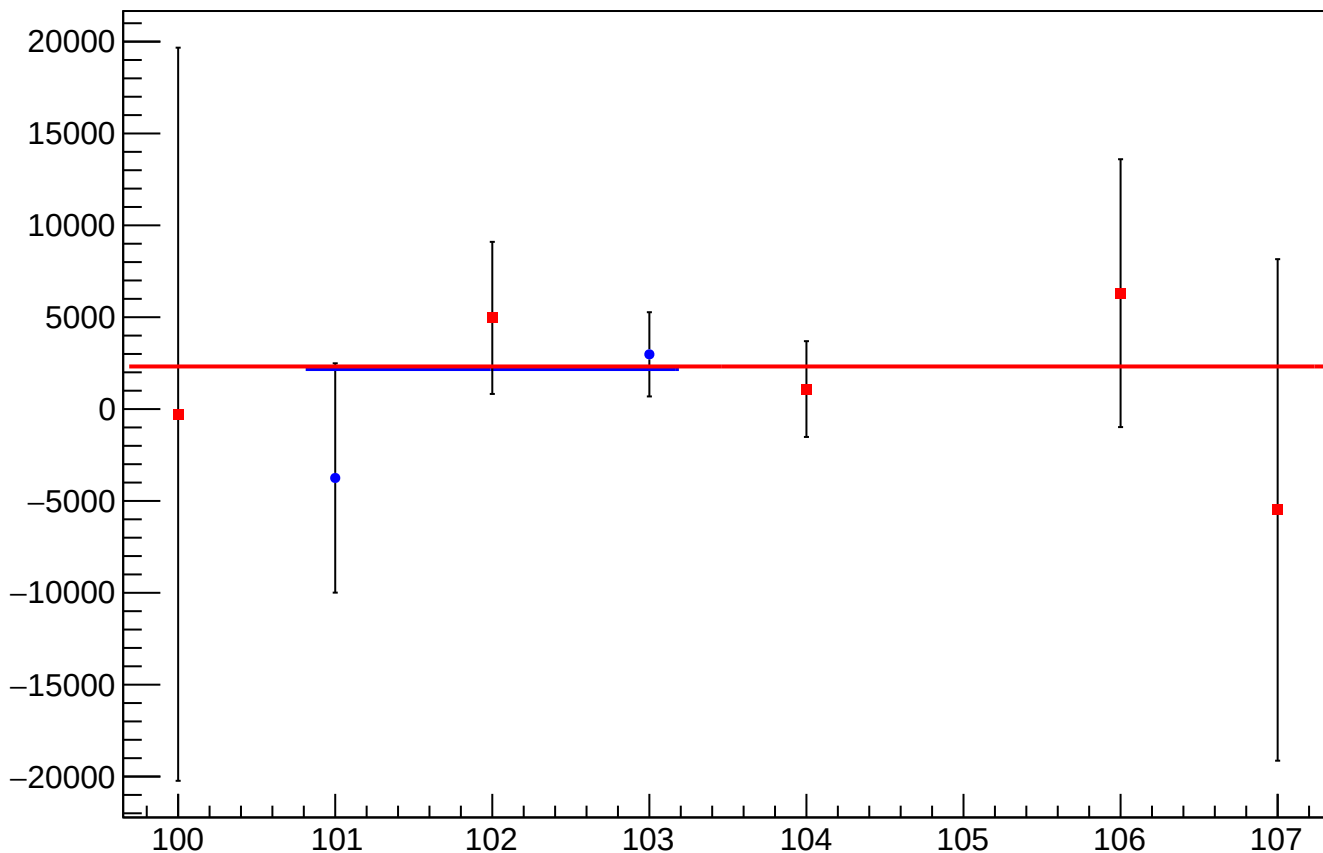
Right: 1127.644+/-0.518 χ^2/NDF : 980182.1/6

In: 1201.959+/-0.887 χ^2/NDF : 282328.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1127.644+/-0.518 χ^2/NDF : 980182.1/6

asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2179.928+/-2151.402 χ^2 /NDF: 1.0/1

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

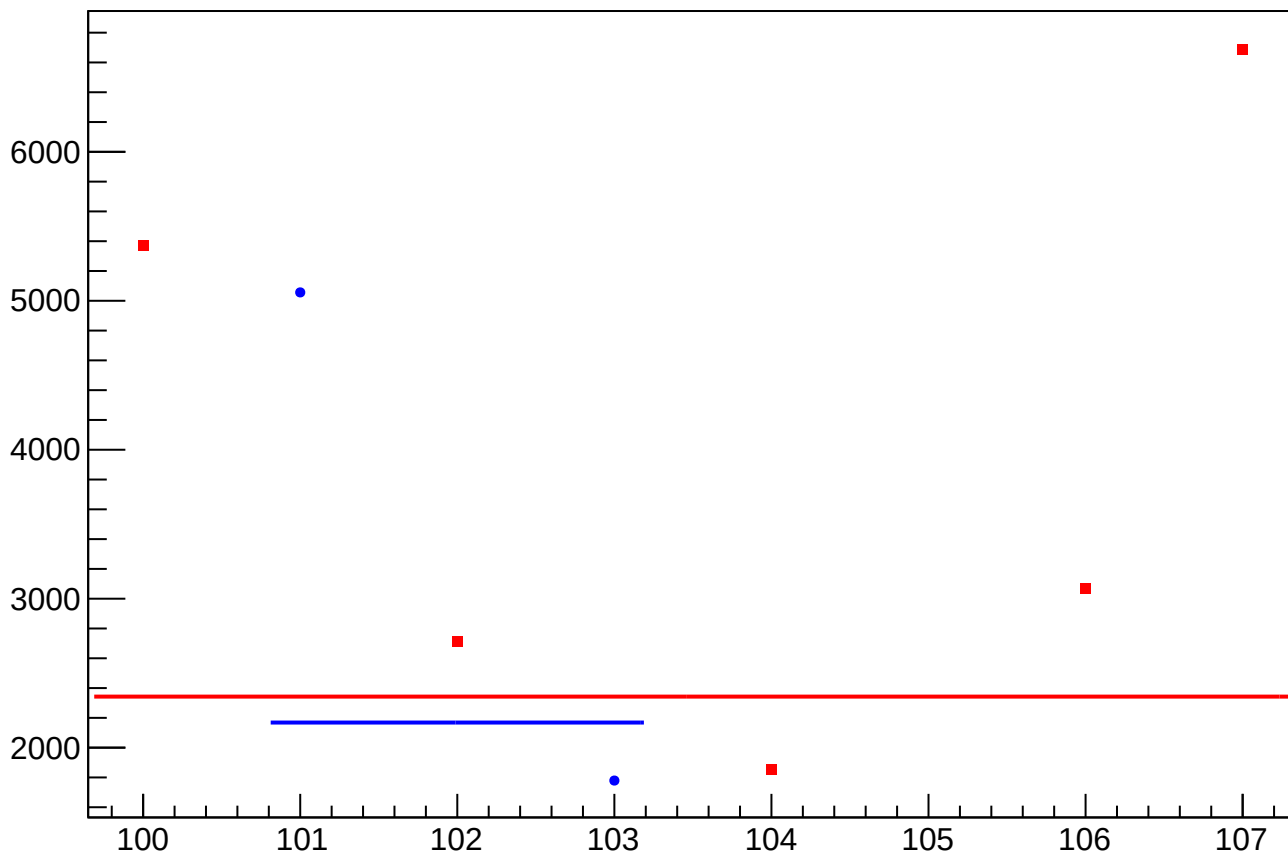
Right: 2252.006+/-1493.527 χ^2 /NDF: 2.3/6

In: 2179.928+/-2151.402 χ^2 /NDF:1.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2252.006+/-1493.527 χ^2 /NDF: 2.3/6

asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 2168.571+/-1.521 χ^2/NDF : 485980.6/1

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

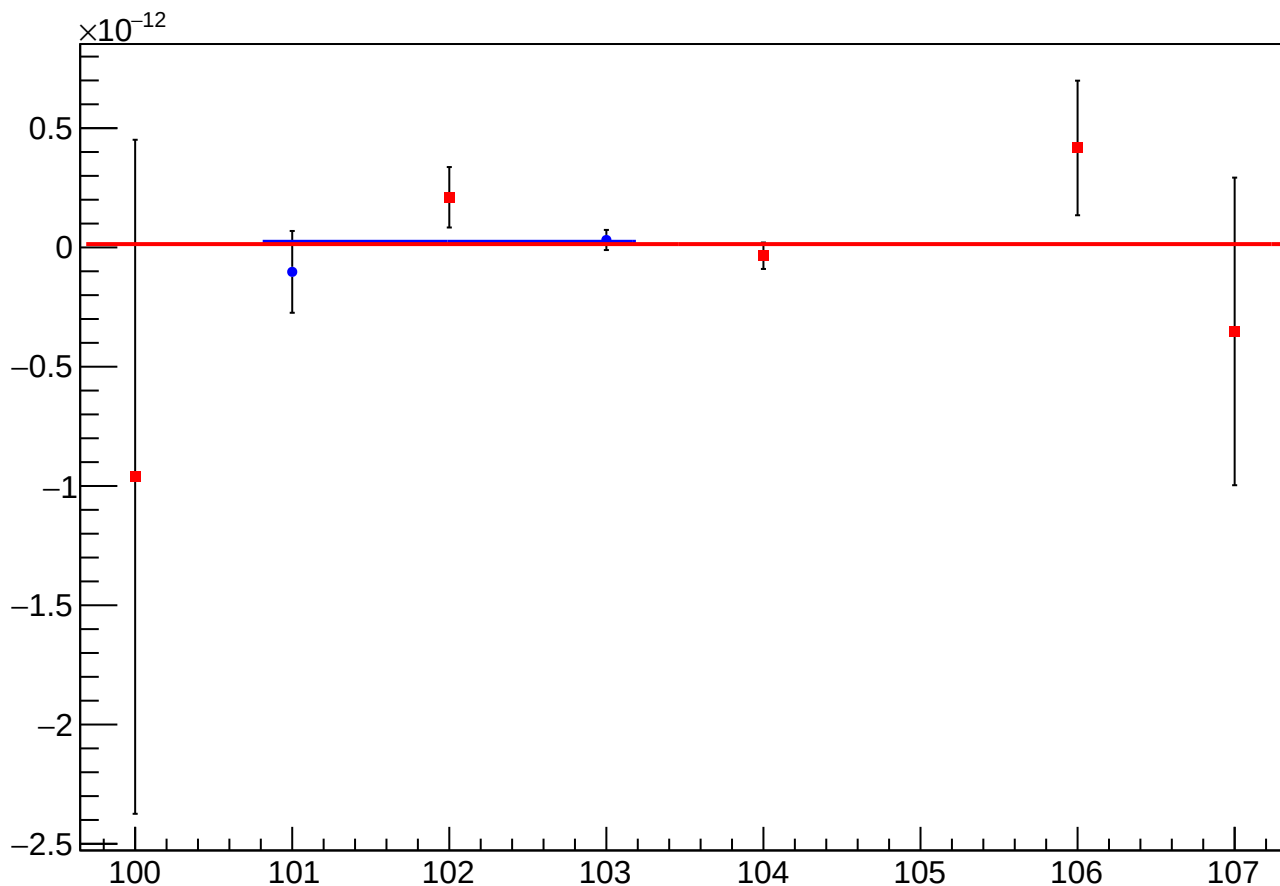
Right: 2260.336+/-1.046 χ^2/NDF : 858136.5/6

In: 2168.571+/-1.521 χ^2/NDF : 485980.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2260.336+/-1.046 χ^2/NDF : 858136.5/6

asym_atl1r2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.6/1

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

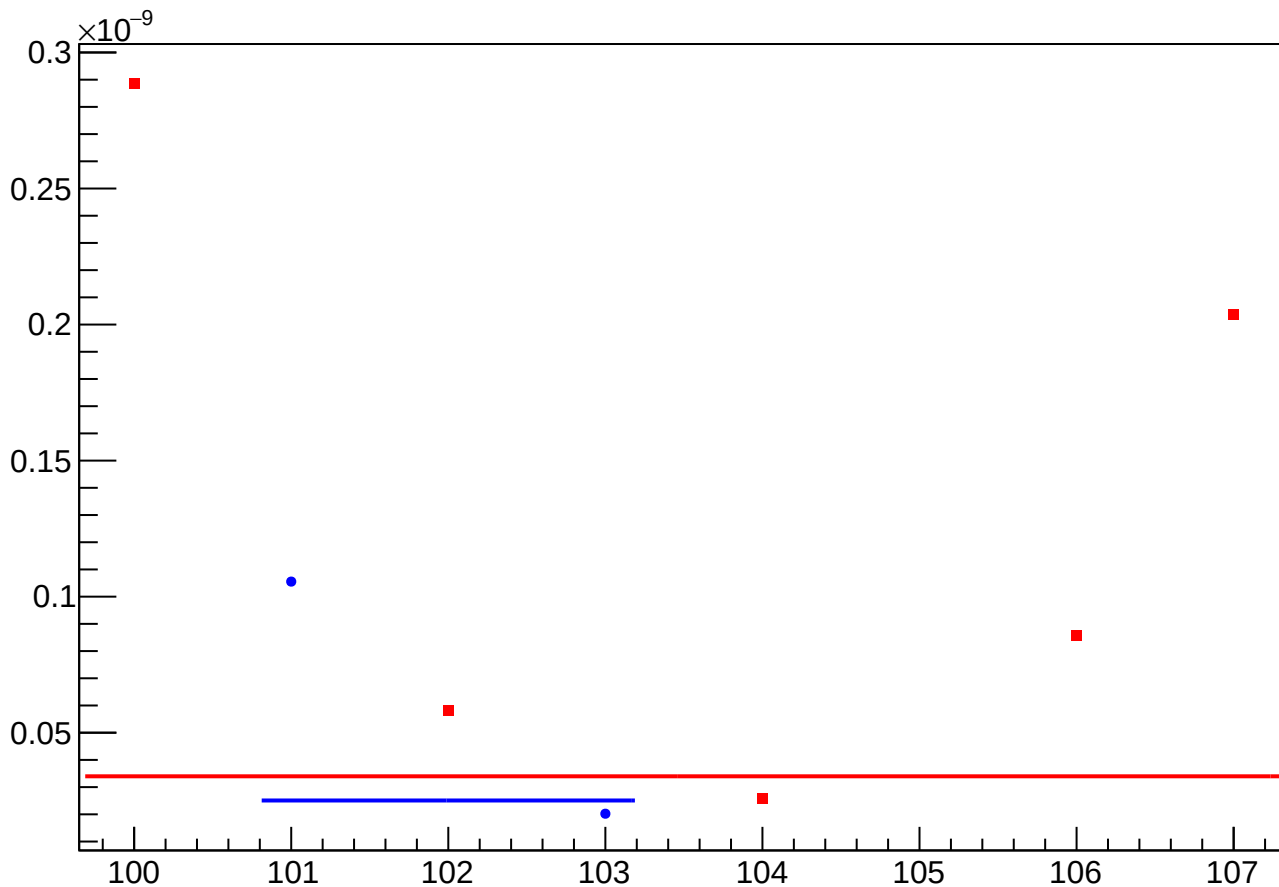
Right: 0.000+/-0.000 χ^2/NDF : 6.6/6

In: 0.000+/-0.000 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.6/6

asym_atl1r2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 466839.1/1

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

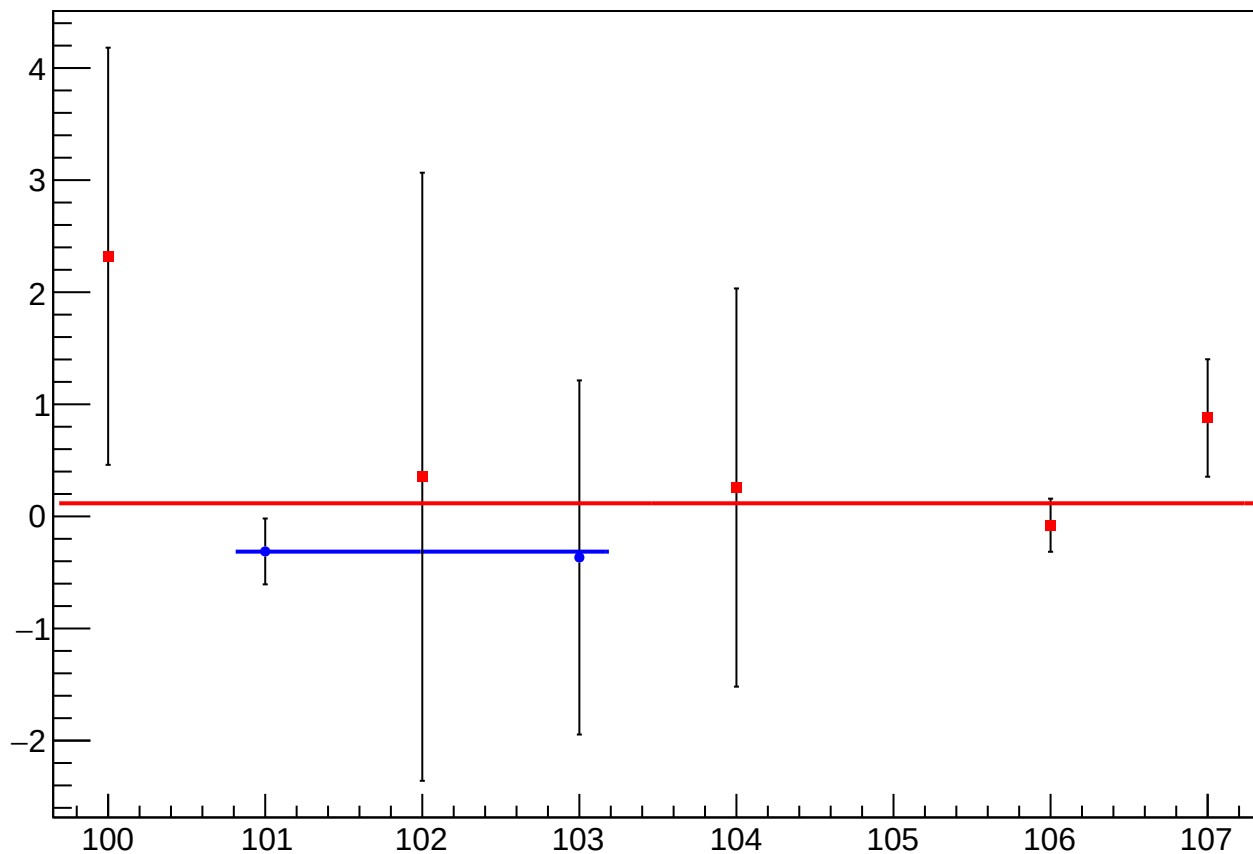
Right: 0.000+/-0.000 χ^2/NDF : 894825.0/6

In: 0.000+/-0.000 χ^2/NDF : 466839.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 894825.0/6

asym_atl1r2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.314 $\pm$ 0.289 χ^2 /NDF: 0.0/1

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

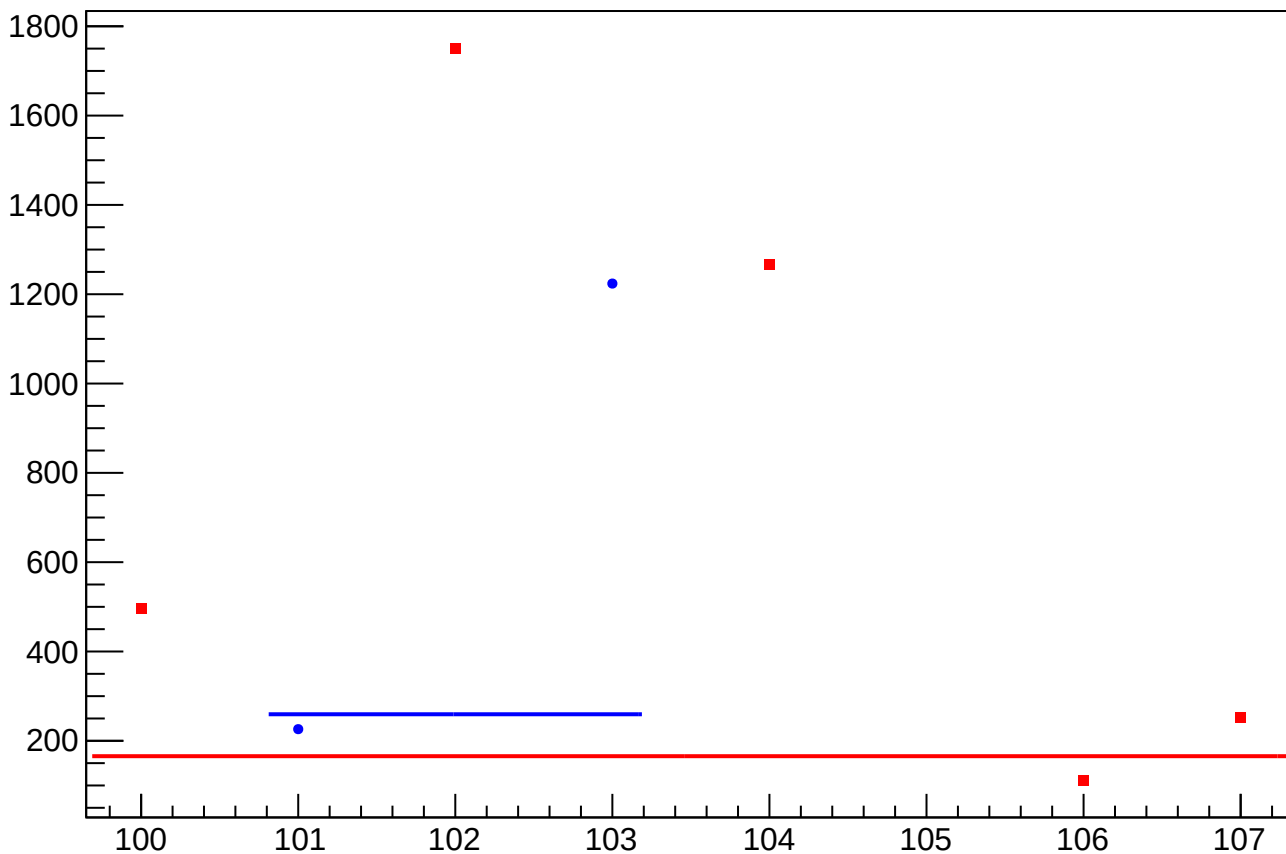
Right: -0.034 $\pm$ 0.171 χ^2 /NDF: 5.7/6

In: -0.314 $\pm$ 0.289 χ^2 /NDF: 0.0/1

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

All: -0.034 $\pm$ 0.171 χ^2 /NDF: 5.7/6

asym_atl1r2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 259.455 +/- 0.204 χ^2/NDF : 771394.2/1

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

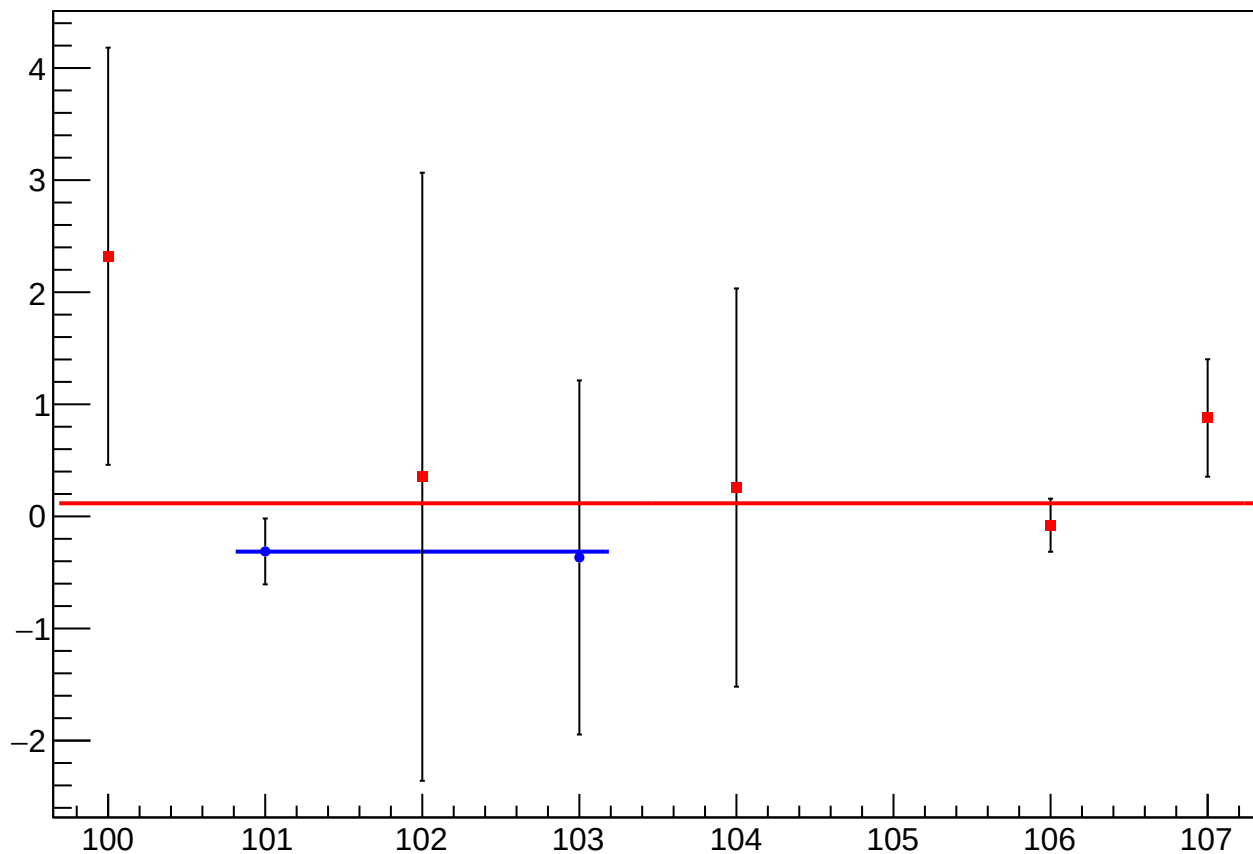
Right: 198.497 +/- 0.121 χ^2/NDF : 2587202.4/6

In: 259.455 +/- 0.204 χ^2/NDF : 771394.2/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 198.497 +/- 0.121 χ^2/NDF : 2587202.4/6

asym_atl1r2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.314 $\pm$ 0.289 χ^2 /NDF: 0.0/1

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

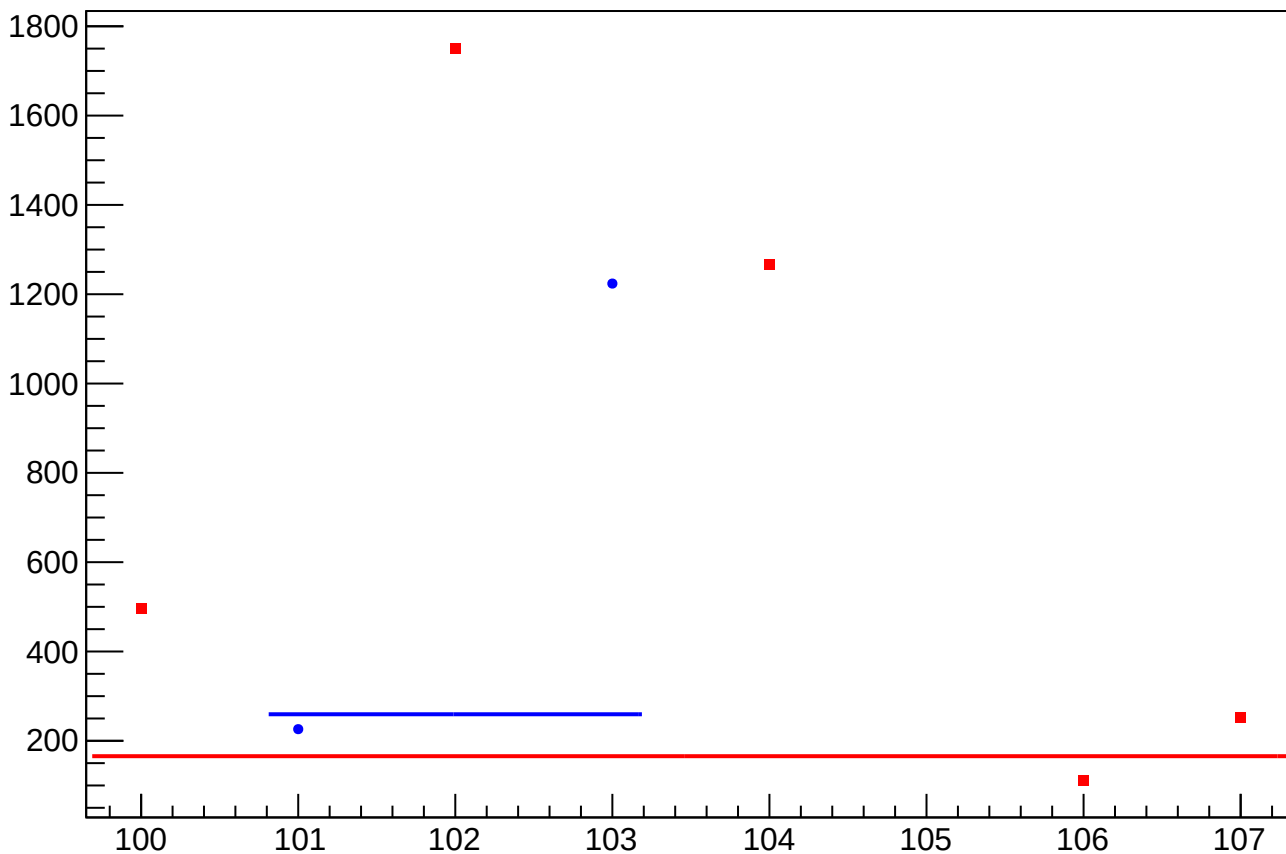
Right: -0.034 $\pm$ 0.171 χ^2 /NDF: 5.7/6

In: -0.314 $\pm$ 0.289 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.034 $\pm$ 0.171 χ^2 /NDF: 5.7/6

asym_atl1r2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 259.455 ± 0.204 $\chi^2/\text{NDF}: 771394.2/1$

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

Right Out: 165.567 ± 0.150 $\chi^2/\text{NDF}: 1678523.7/4$

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

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

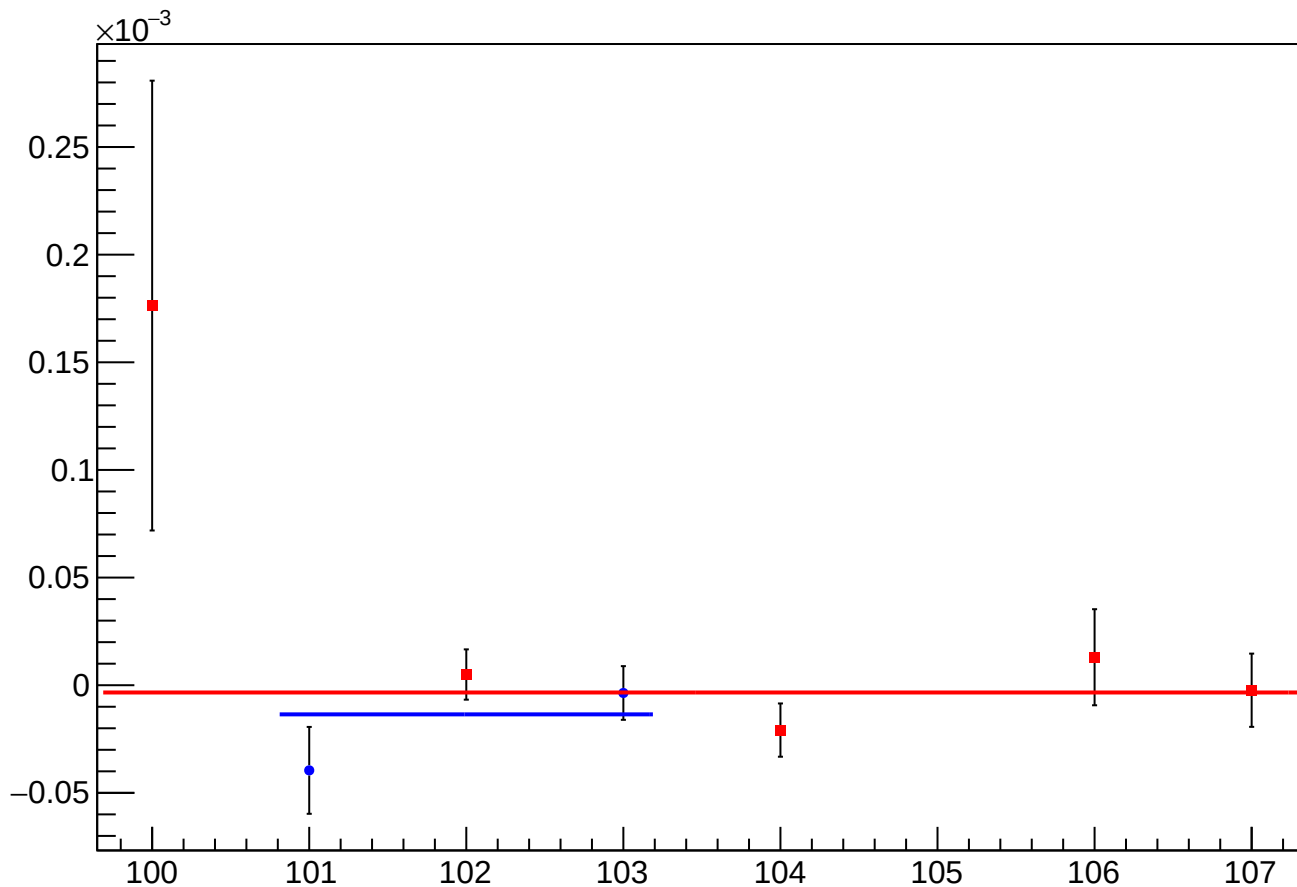
Right: 198.497 ± 0.121 $\chi^2/\text{NDF}: 2587202.4/6$

In: 259.455 ± 0.204 $\chi^2/\text{NDF}: 771394.2/1$

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

All: 198.497 ± 0.121 $\chi^2/\text{NDF}: 2587202.4/6$

asym_atl1r2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 2.3/1

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

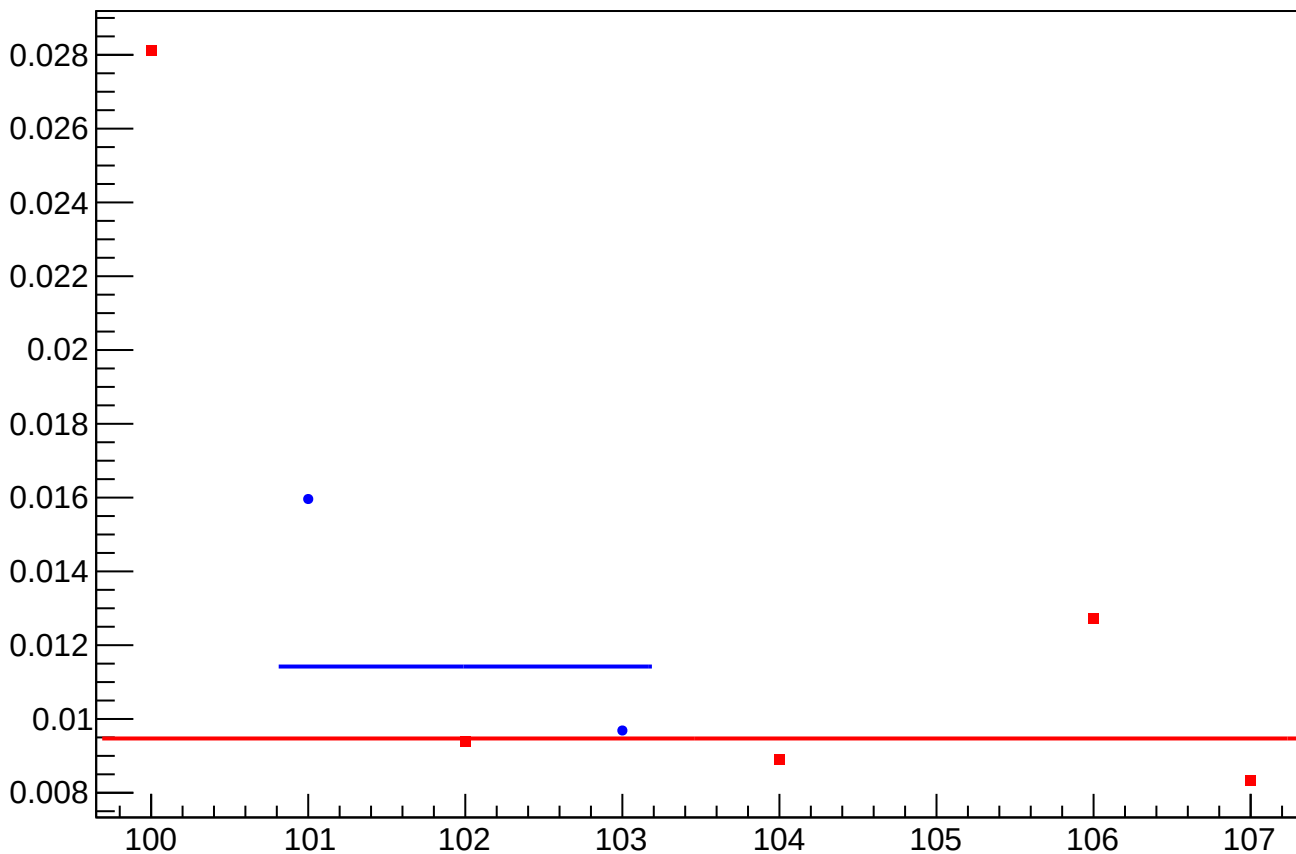
Right: -0.000+/-0.000 χ^2 /NDF: 8.9/6

In: -0.000+/-0.000 χ^2 /NDF:2.3/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 8.9/6

asym_atl1r2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 139936.1/1

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

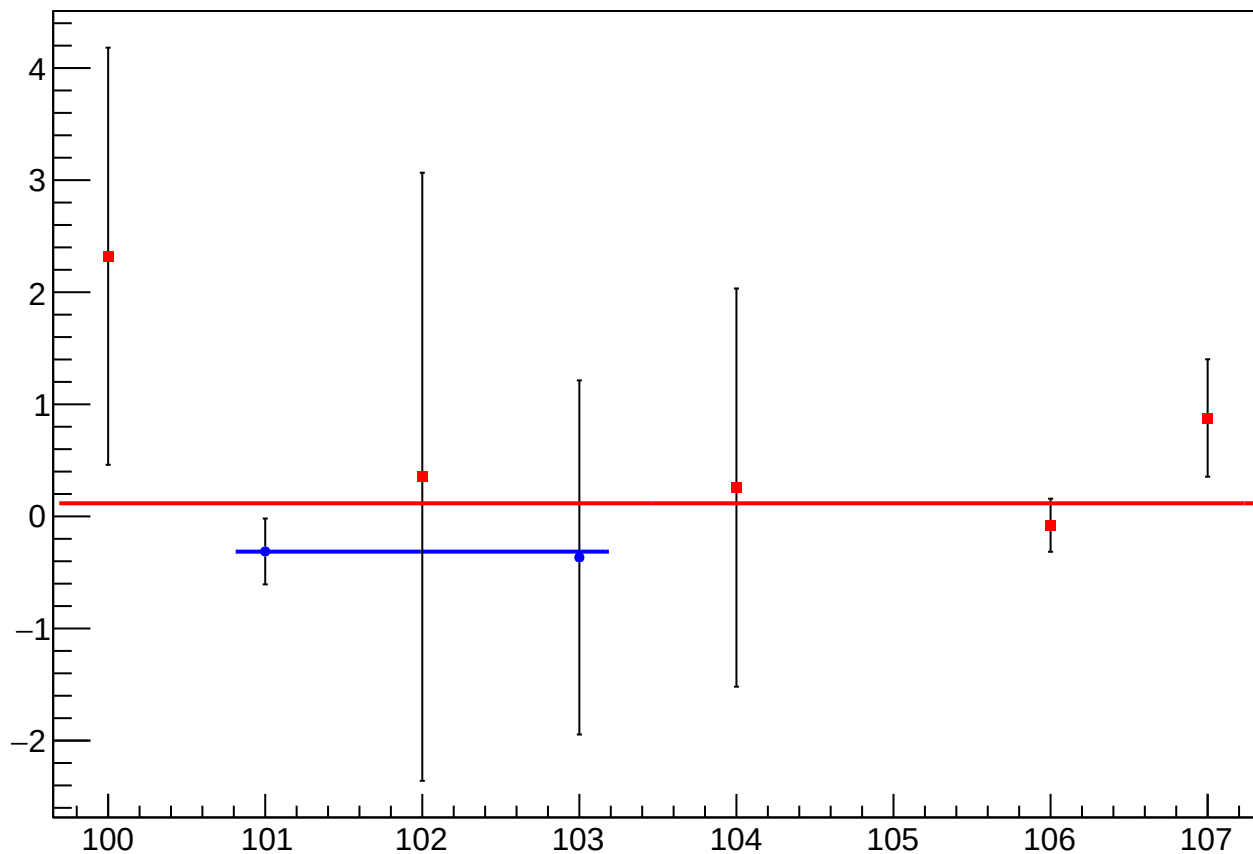
Right: 0.010+/-0.000 χ^2/NDF : 305933.9/6

In: 0.011+/-0.000 χ^2/NDF : 139936.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 305933.9/6

asym_atl1r2_avg_eigen_dit_vs_slug, Sign Corrected



Right In: -0.314 $\pm$ 0.289 χ^2 /NDF: 0.0/1

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

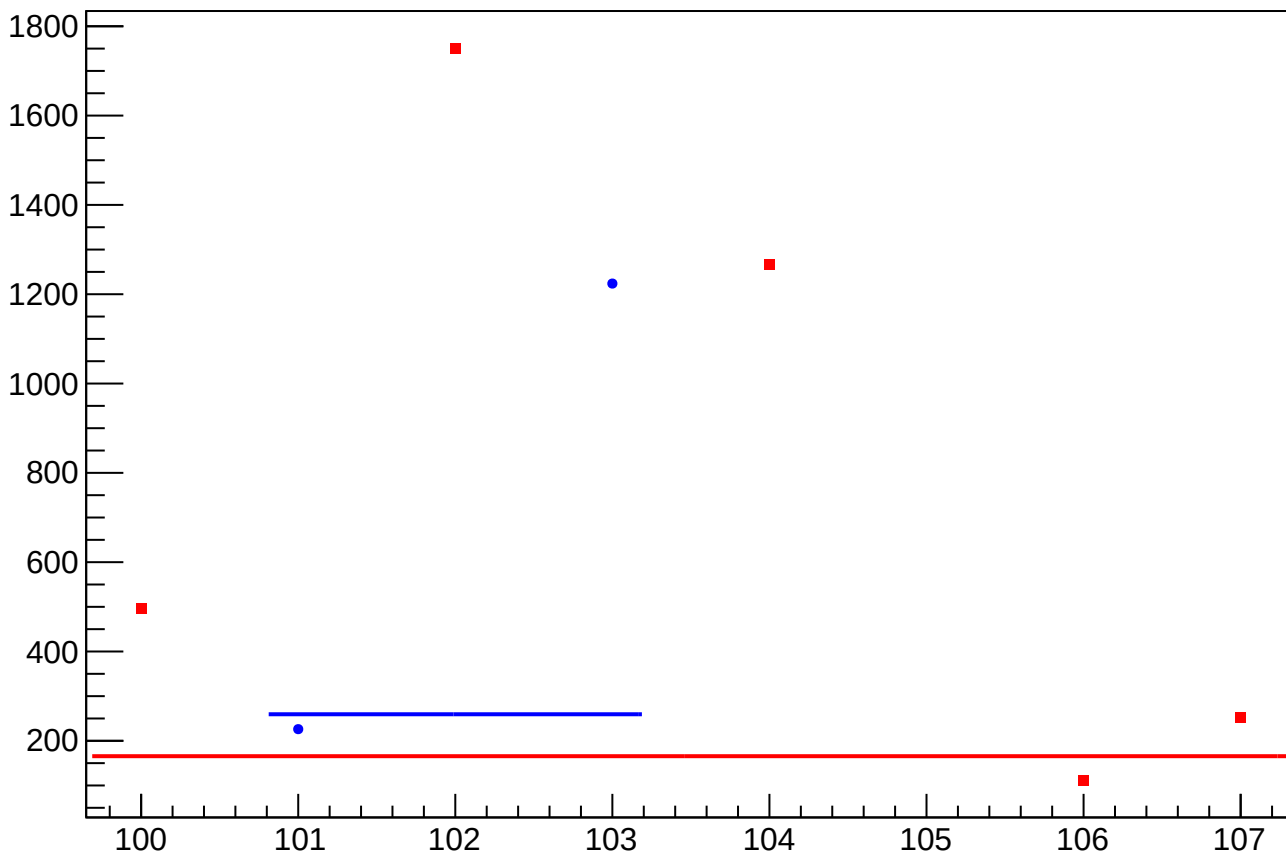
Right: -0.034 $\pm$ 0.171 χ^2 /NDF: 5.7/6

In: -0.314 $\pm$ 0.289 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.034 $\pm$ 0.171 χ^2 /NDF: 5.7/6

asym_atl1r2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 259.456 +/- 0.204 χ^2/NDF : 771391.0/1

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

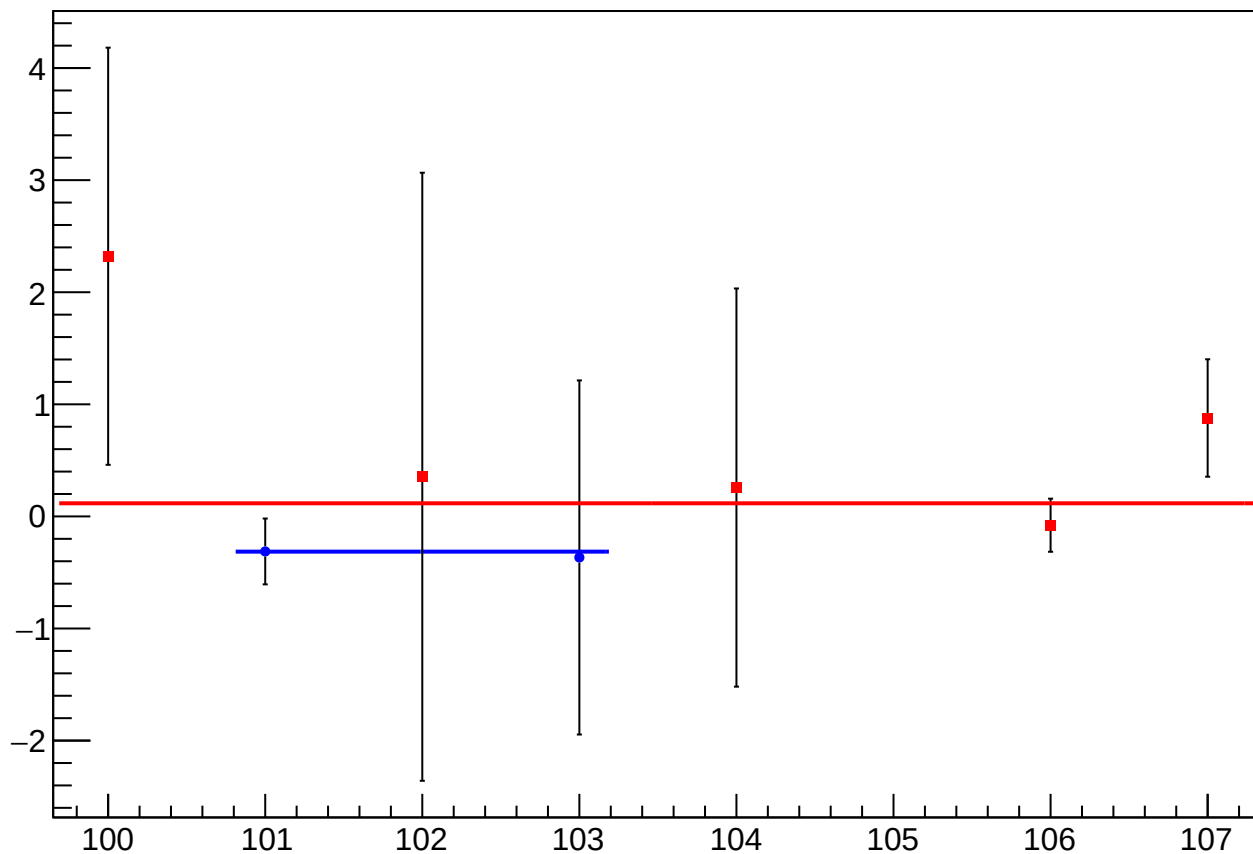
Right: 198.491 +/- 0.121 χ^2/NDF : 2587244.8/6

In: 259.456 +/- 0.204 χ^2/NDF : 771391.0/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 198.491 +/- 0.121 χ^2/NDF : 2587244.8/6

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.314 $\pm$ 0.289 χ^2 /NDF: 0.0/1

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

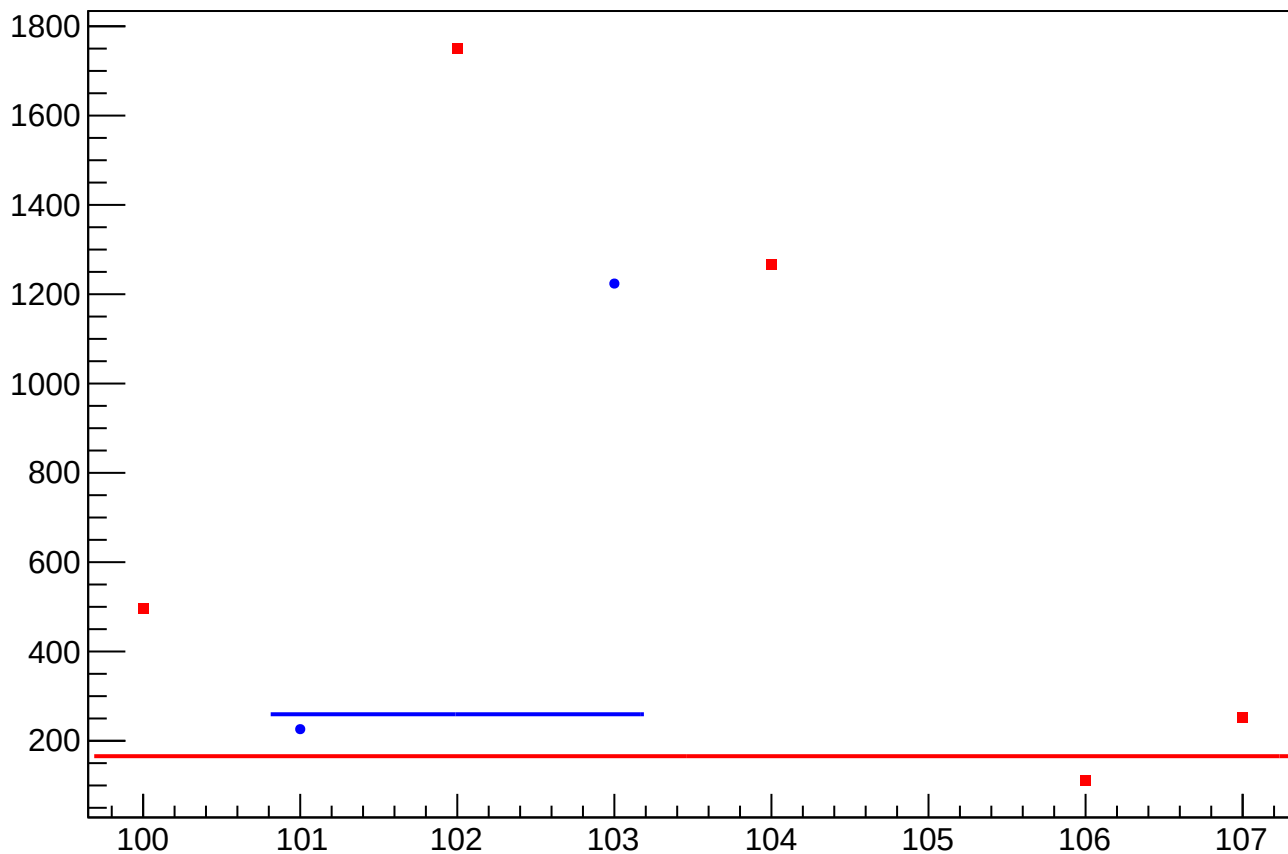
Right: -0.034 $\pm$ 0.171 χ^2 /NDF: 5.7/6

In: -0.314 $\pm$ 0.289 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.034 $\pm$ 0.171 χ^2 /NDF: 5.7/6

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 259.456 ± 0.204 $\chi^2/\text{NDF}: 771391.0/1$

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

Right Out: 165.560 ± 0.150 $\chi^2/\text{NDF}: 1678543.5/4$

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

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

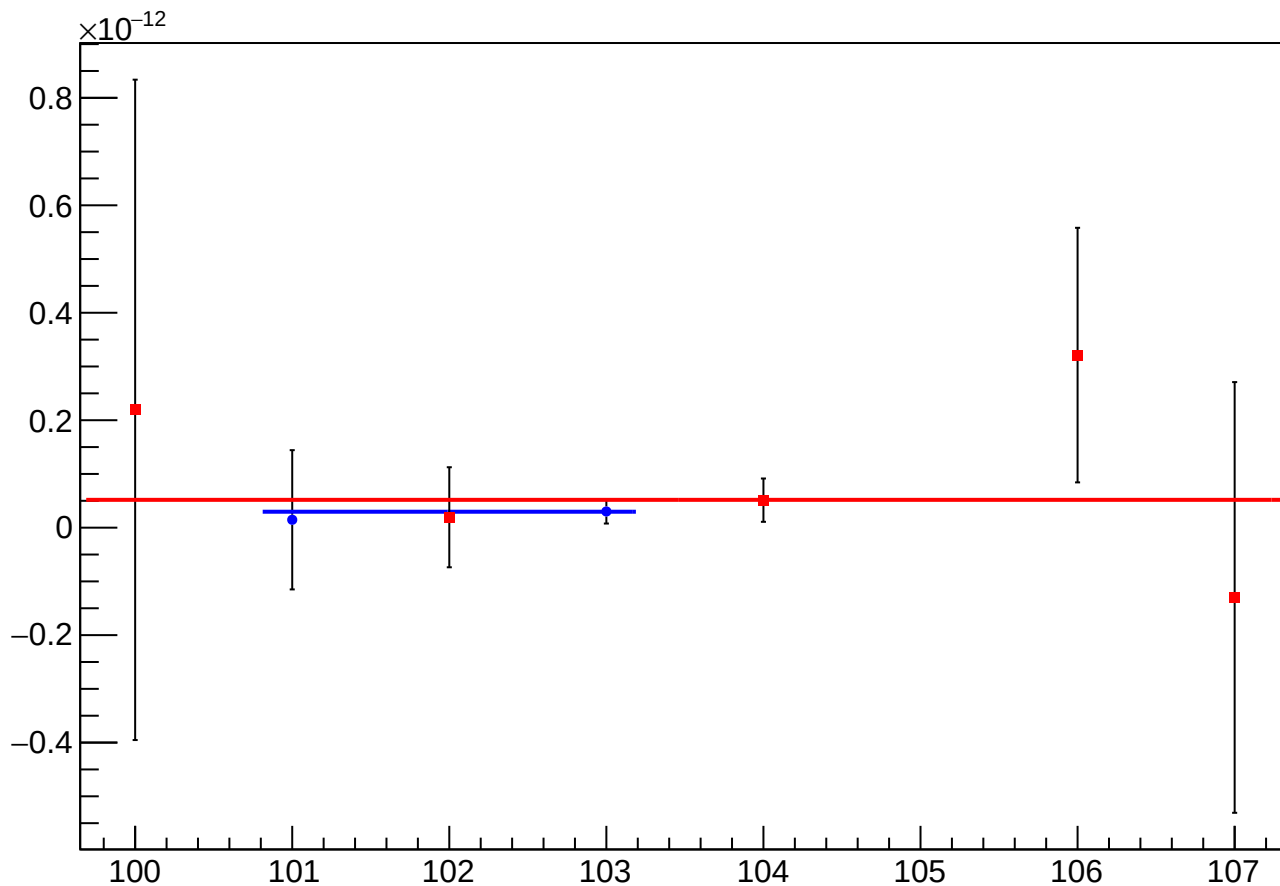
Right: 198.491 ± 0.121 $\chi^2/\text{NDF}: 2587244.8/6$

In: 259.456 ± 0.204 $\chi^2/\text{NDF}: 771391.0/1$

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

All: 198.491 ± 0.121 $\chi^2/\text{NDF}: 2587244.8/6$

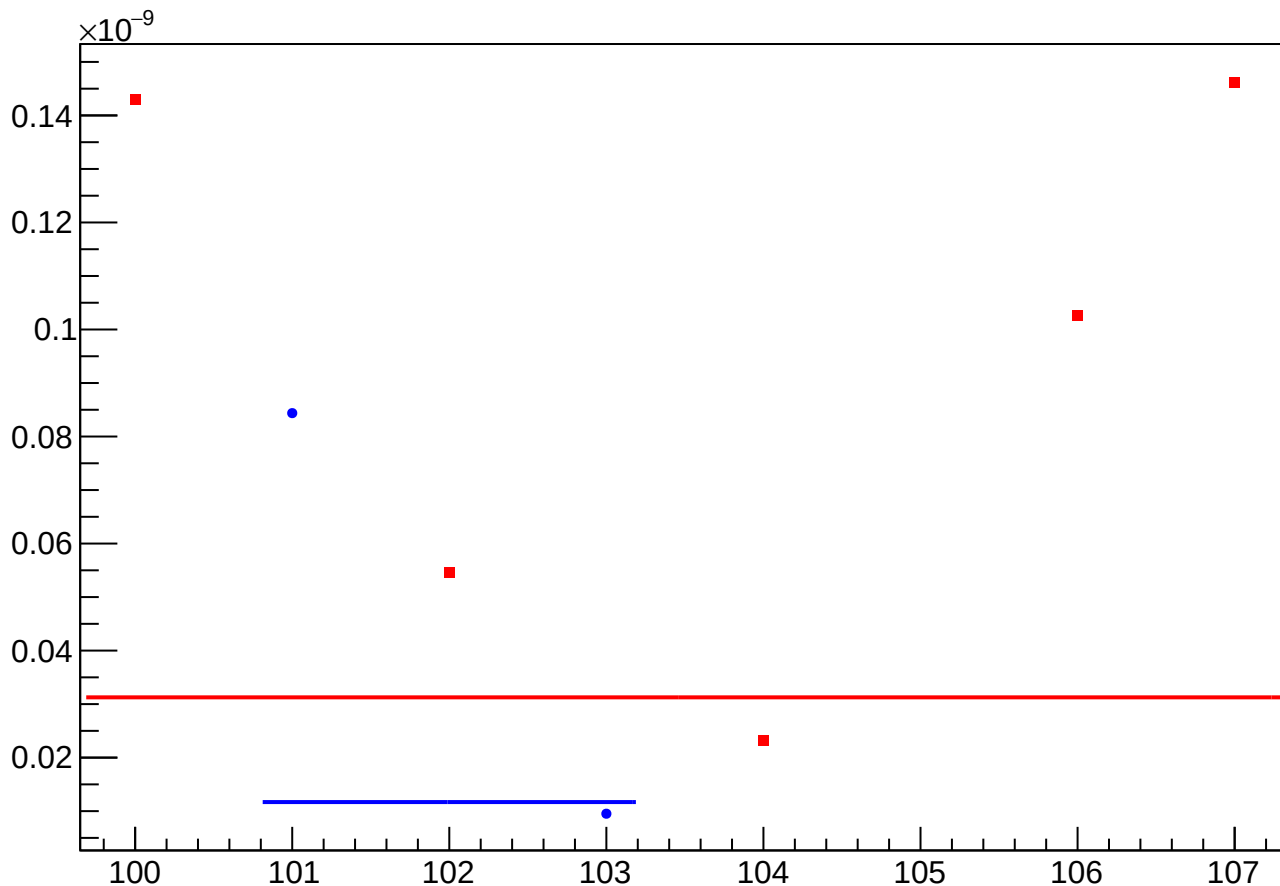
asym_atl1r2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/1
 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: 2.0/6
 In: 0.000+/-0.000 χ^2 /NDF: 0.0/1
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 0.000+/-0.000 χ^2 /NDF: 2.0/6

asym_atl1r2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 647857.2/1

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

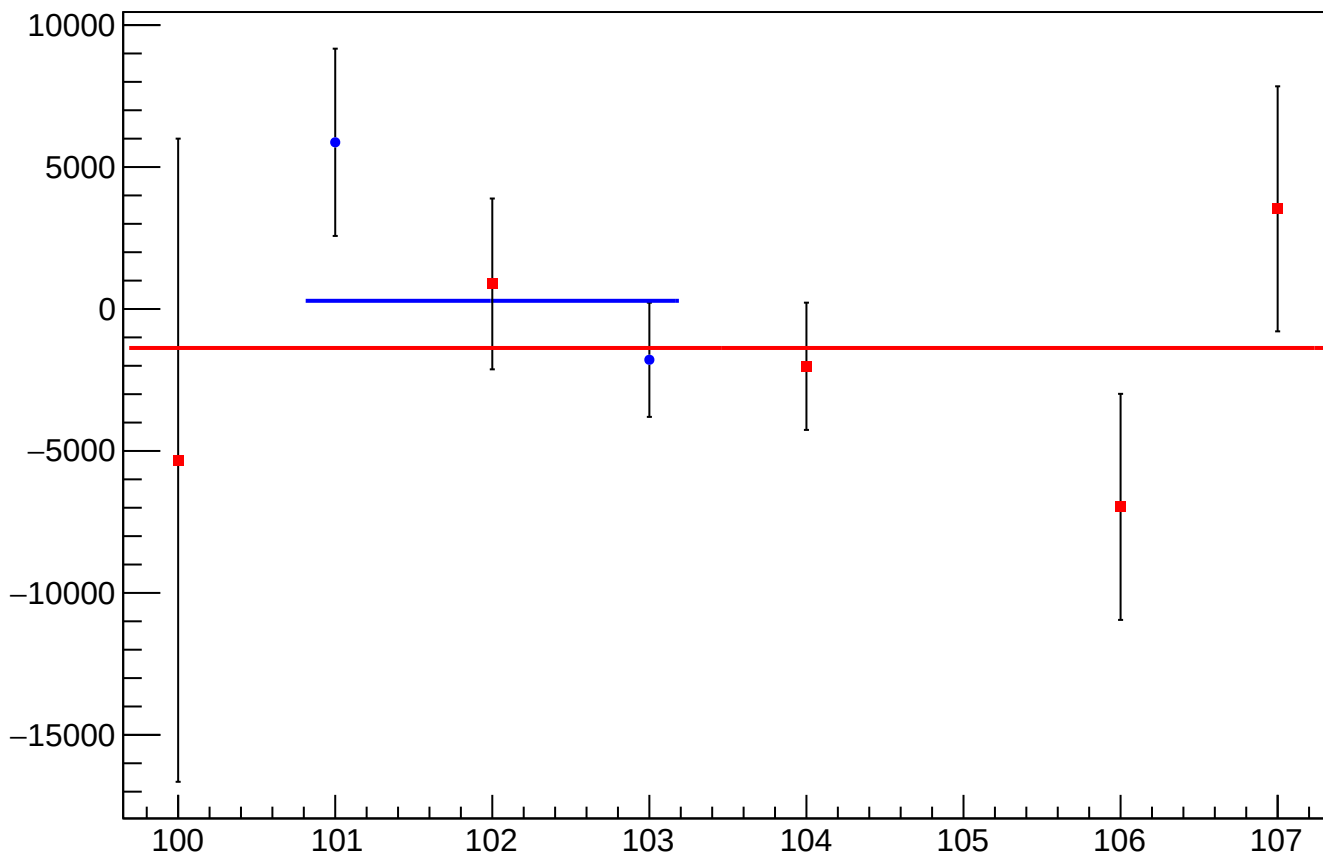
Right: 0.000+/-0.000 χ^2/NDF : 1689486.8/6

In: 0.000+/-0.000 χ^2/NDF : 647857.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1689486.8/6

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: 288.605+/-1717.374 χ^2/NDF : 3.9/1

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

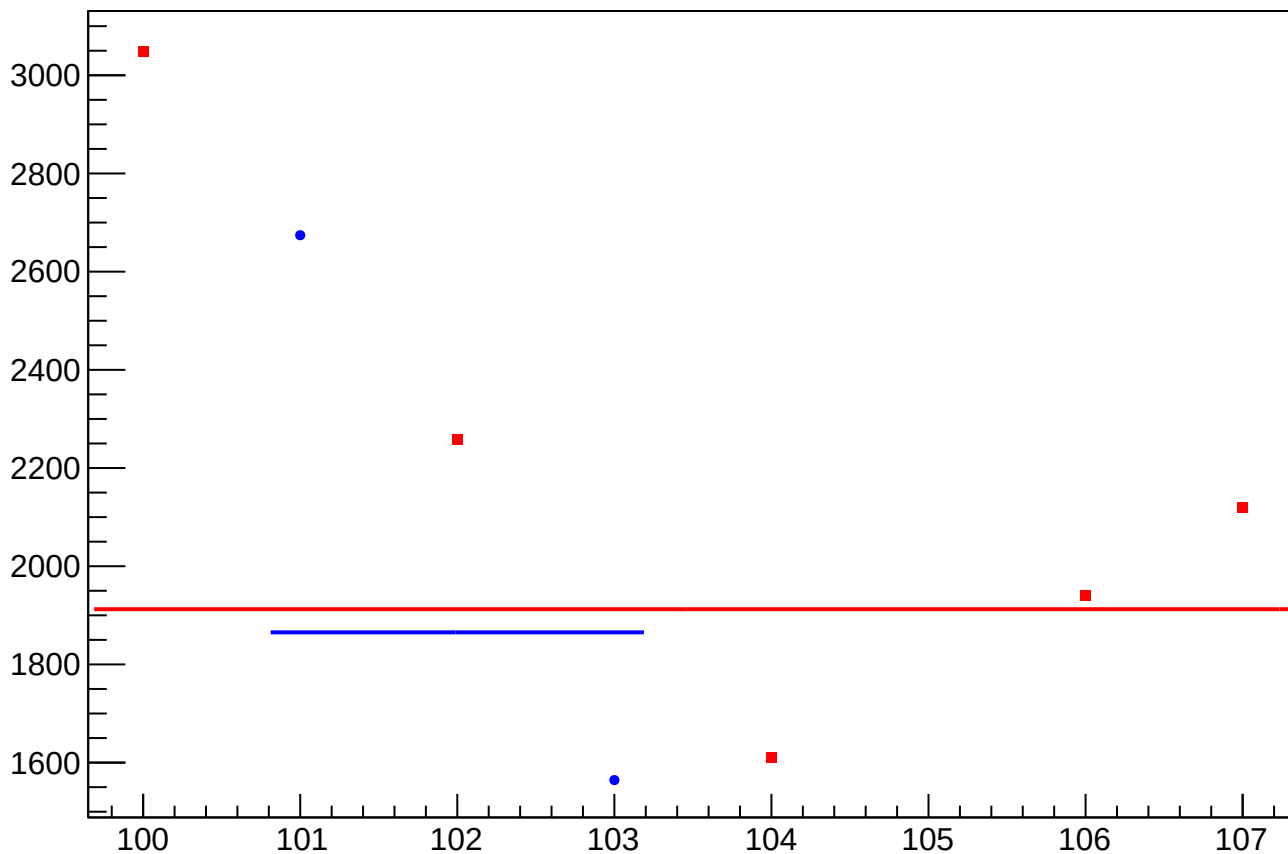
Right: -644.186+/-1137.196 χ^2/NDF : 8.5/6

In: 288.605+/-1717.374 χ^2/NDF : 3.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -644.186+/-1137.196 χ^2/NDF : 8.5/6

reg_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1865.319+/-1.214 χ^2/NDF : 165076.8/1

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

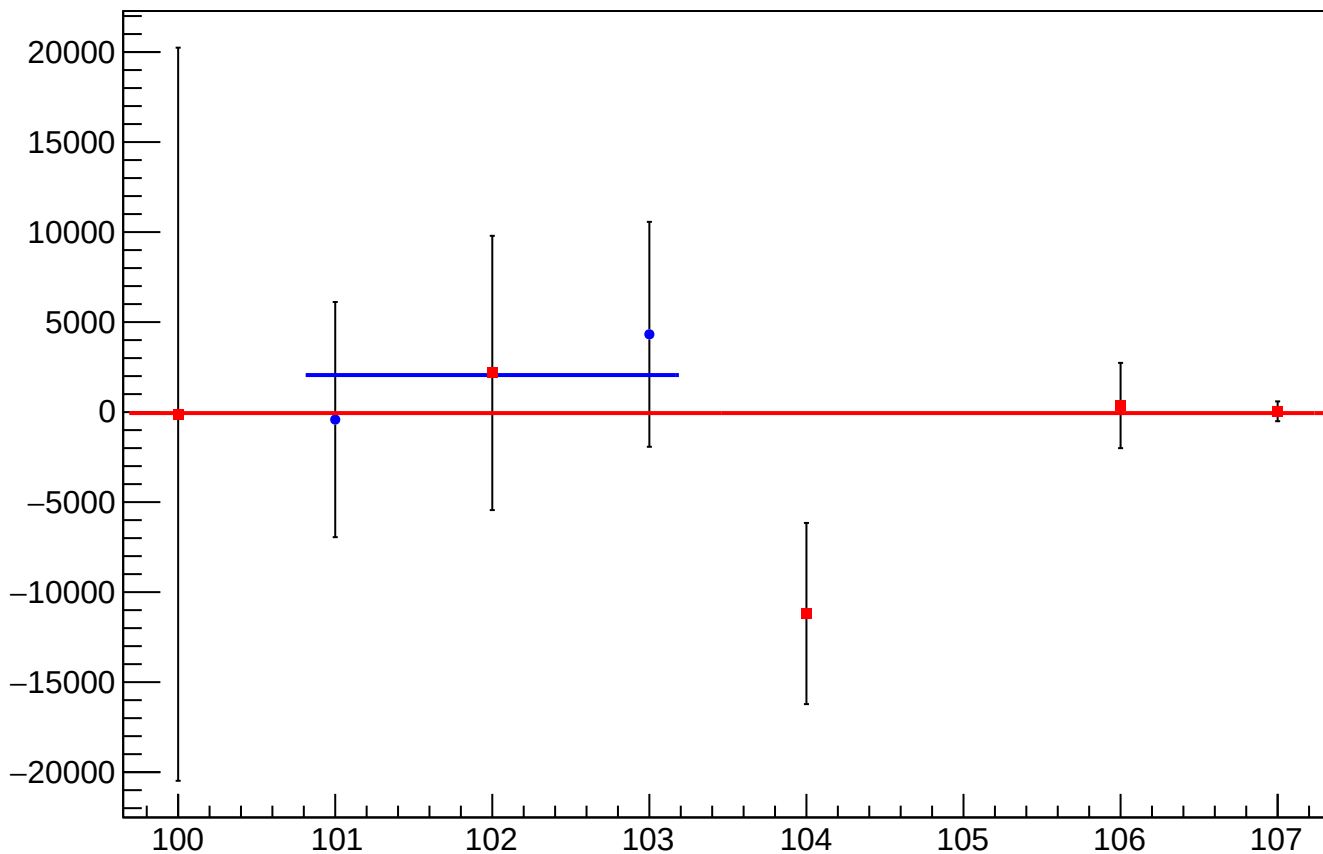
Right: 1892.040+/-0.799 χ^2/NDF : 253627.9/6

In: 1865.319+/-1.214 χ^2/NDF : 165076.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1892.040+/-0.799 χ^2/NDF : 253627.9/6

asym_atl1r2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 2058.257+/-4514.369 χ^2/NDF : 0.3/1

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

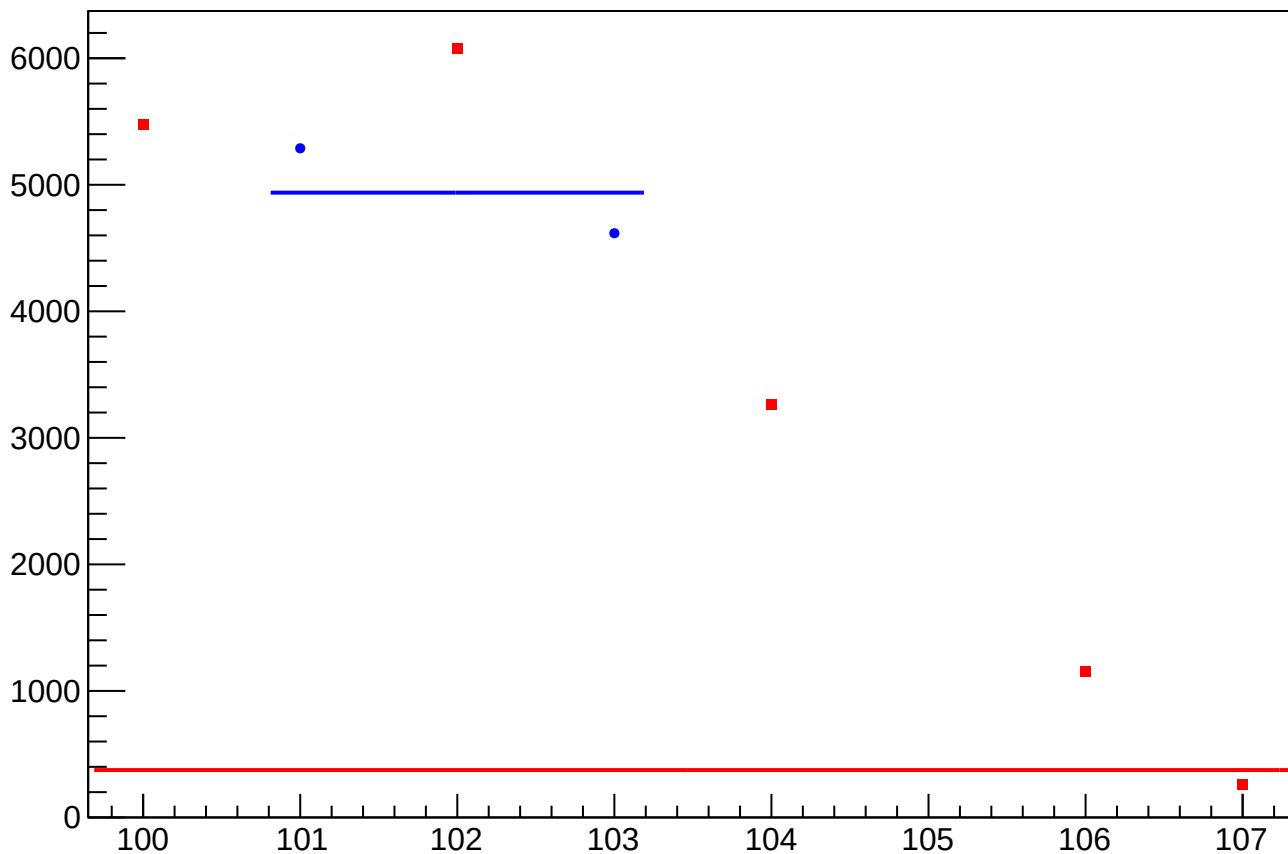
Right: -25.256+/-527.968 χ^2/NDF : 5.5/6

In: 2058.257+/-4514.369 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.256+/-527.968 χ^2/NDF : 5.5/6

asym_atl1r2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 4937.856+/-3.192 χ^2/NDF : 11034.5/1

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

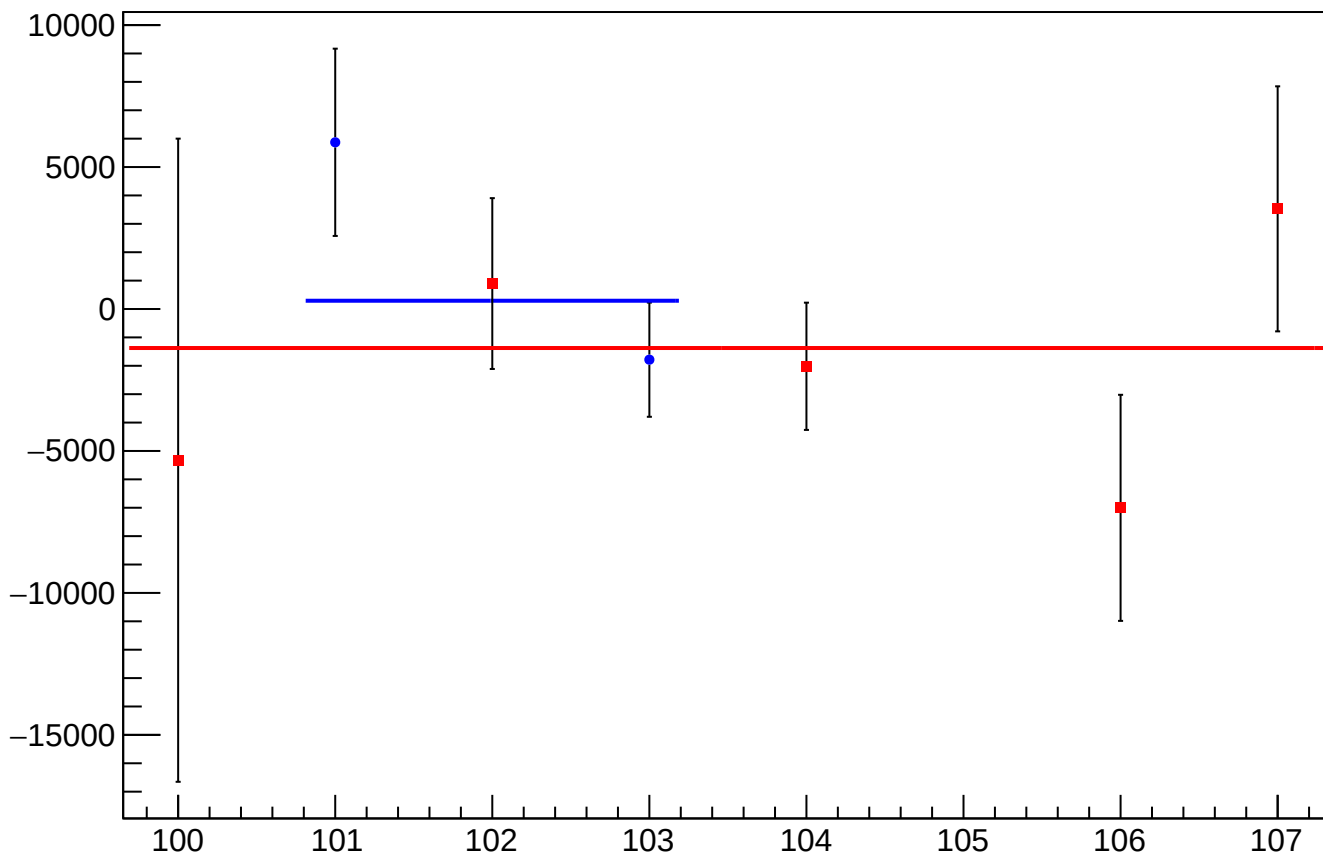
Right: 436.961+/-0.373 χ^2/NDF : 4228860.1/6

In: 4937.856+/-3.192 χ^2/NDF : 11034.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 436.961+/-0.373 χ^2/NDF : 4228860.1/6

cor_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: 291.214+/-1717.376 χ^2/NDF : 3.9/1

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

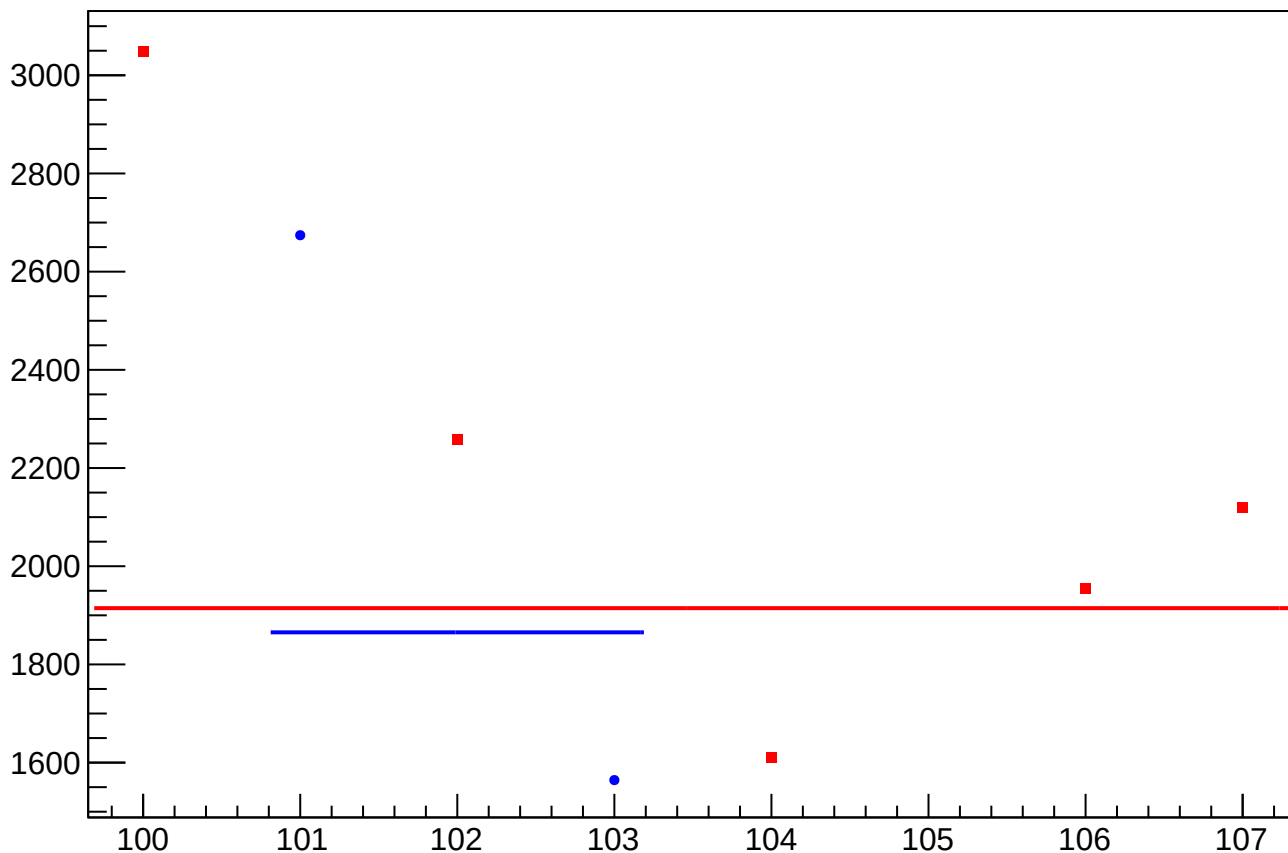
Right: -643.894+/-1137.204 χ^2/NDF : 8.5/6

In: 291.214+/-1717.376 χ^2/NDF : 3.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -643.894+/-1137.204 χ^2/NDF : 8.5/6

cor_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1865.321+/-1.214 χ^2/NDF : 165075.9/1

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

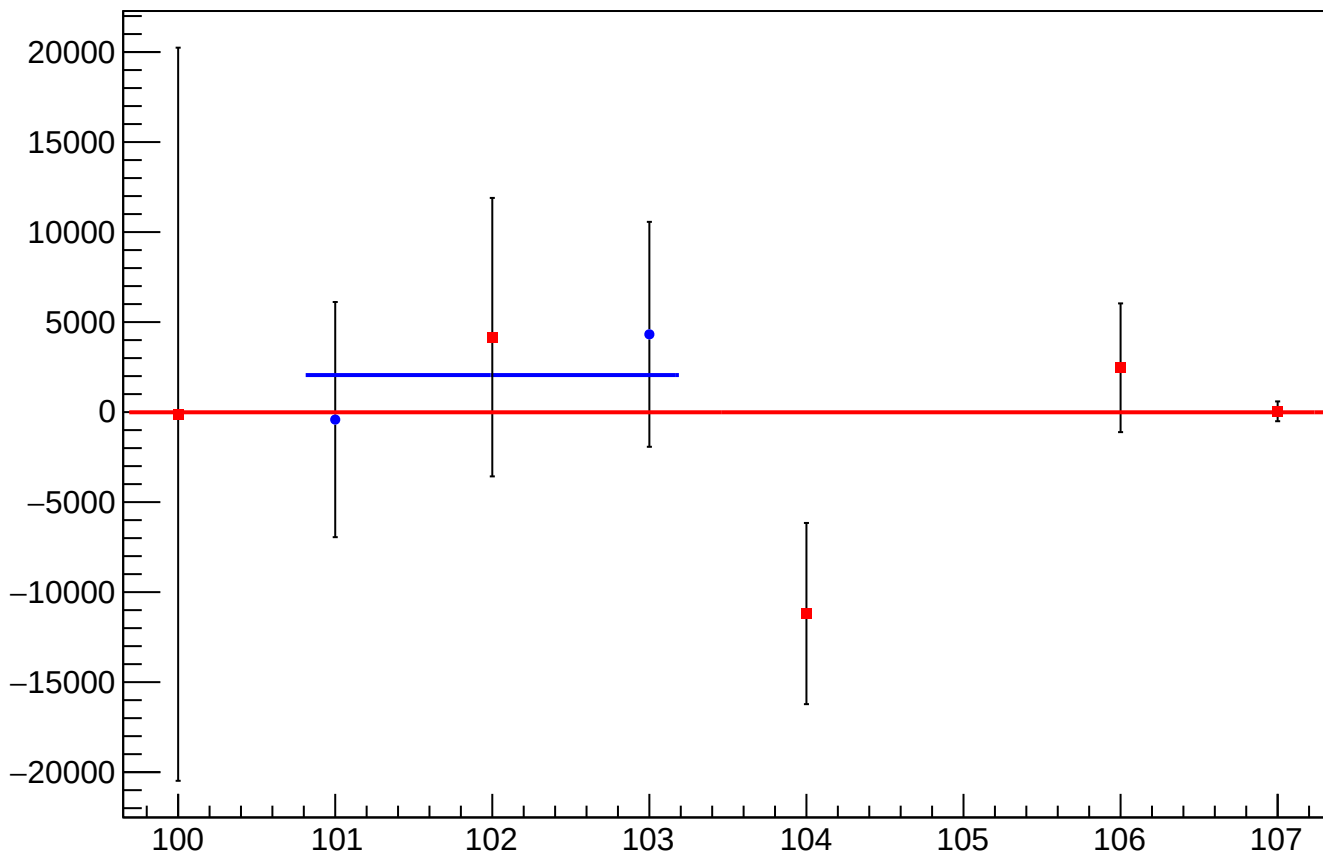
Right: 1893.226+/-0.800 χ^2/NDF : 253835.8/6

In: 1865.321+/-1.214 χ^2/NDF : 165075.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1893.226+/-0.800 χ^2/NDF : 253835.8/6

asym_atl1r2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 2057.813+/-4514.568 χ^2/NDF : 0.3/1

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

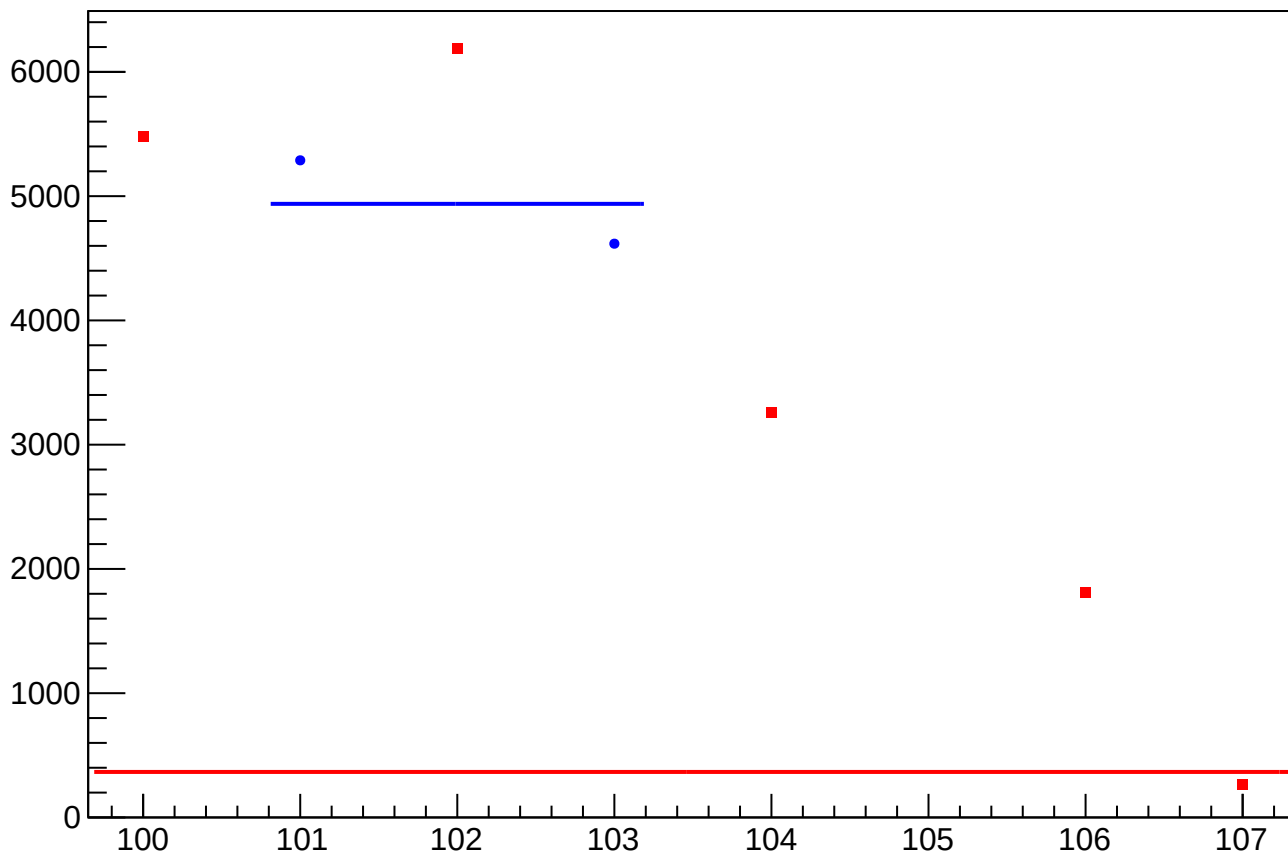
Right: 19.147+/-535.490 χ^2/NDF : 6.2/6

In: 2057.813+/-4514.568 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.147+/-535.490 χ^2/NDF : 6.2/6

asym_atl1r2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 4938.068+/-3.192 χ^2/NDF : 11021.7/1

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

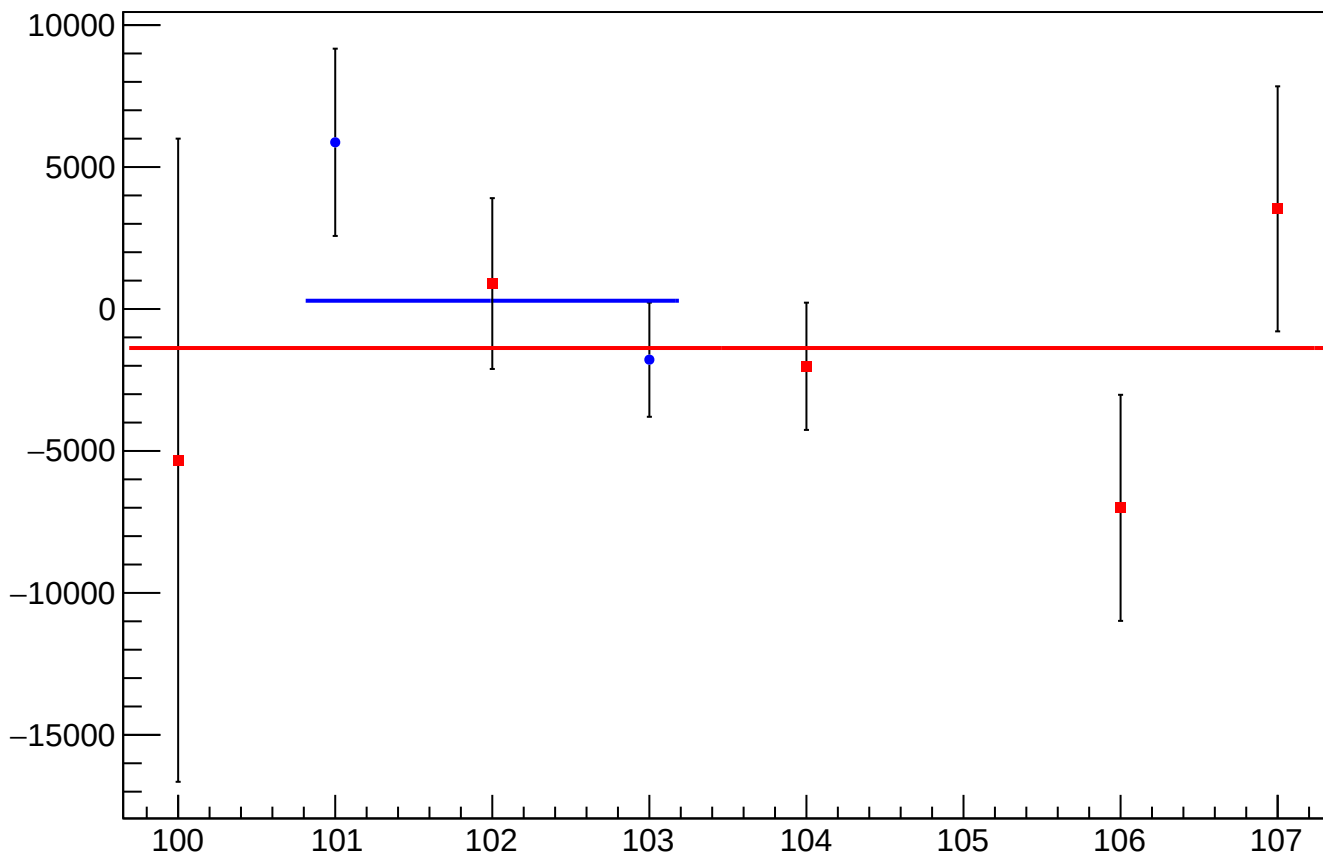
Right: 430.624+/-0.379 χ^2/NDF : 4347935.4/6

In: 4938.068+/-3.192 χ^2/NDF : 11021.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 430.624+/-0.379 χ^2/NDF : 4347935.4/6

eigen_cor_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: 291.214+/-1717.376 χ^2 /NDF: 3.9/1

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

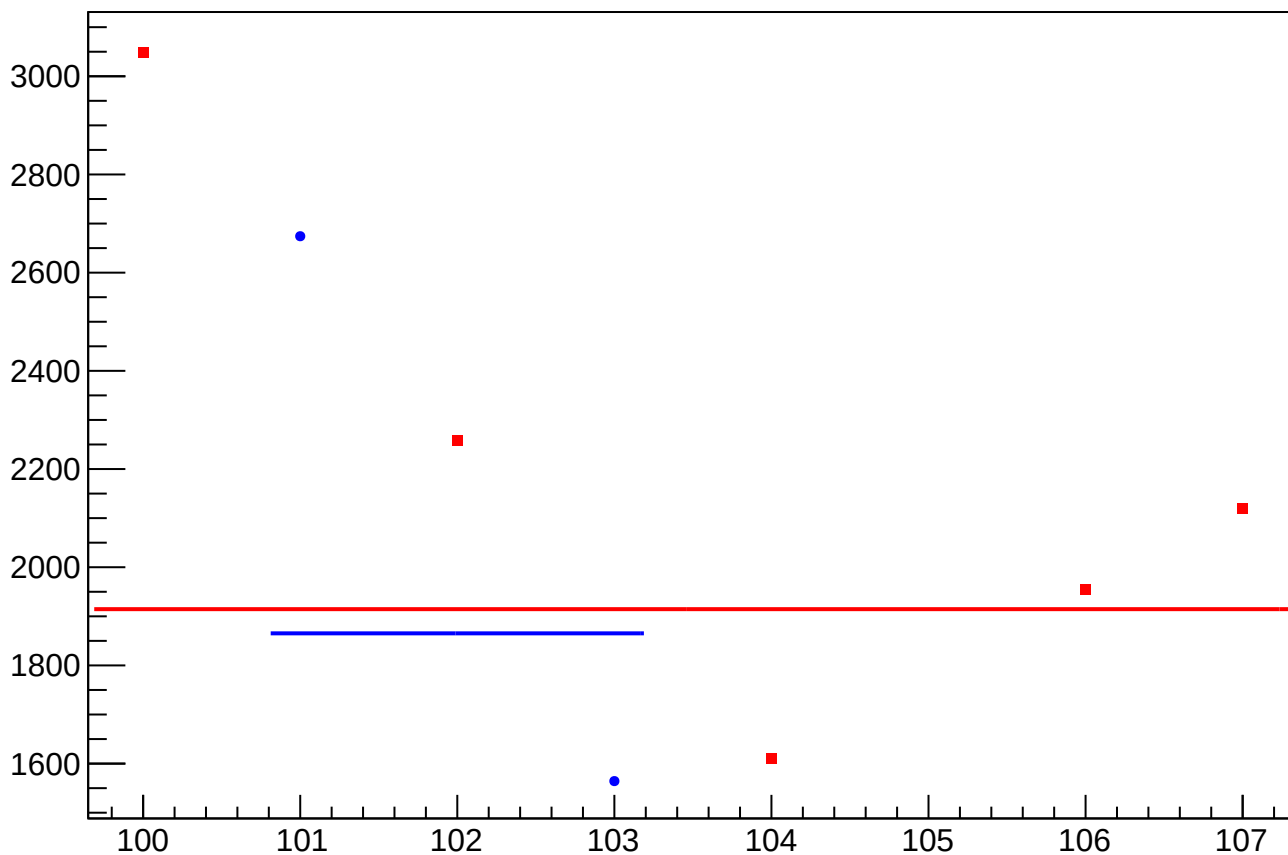
Right: -643.894+/-1137.204 χ^2 /NDF: 8.5/6

In: 291.214+/-1717.376 χ^2 /NDF: 3.9/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -643.894+/-1137.204 χ^2 /NDF: 8.5/6

eigen_cor_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1865.321+/-1.214 χ^2/NDF : 165075.9/1

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

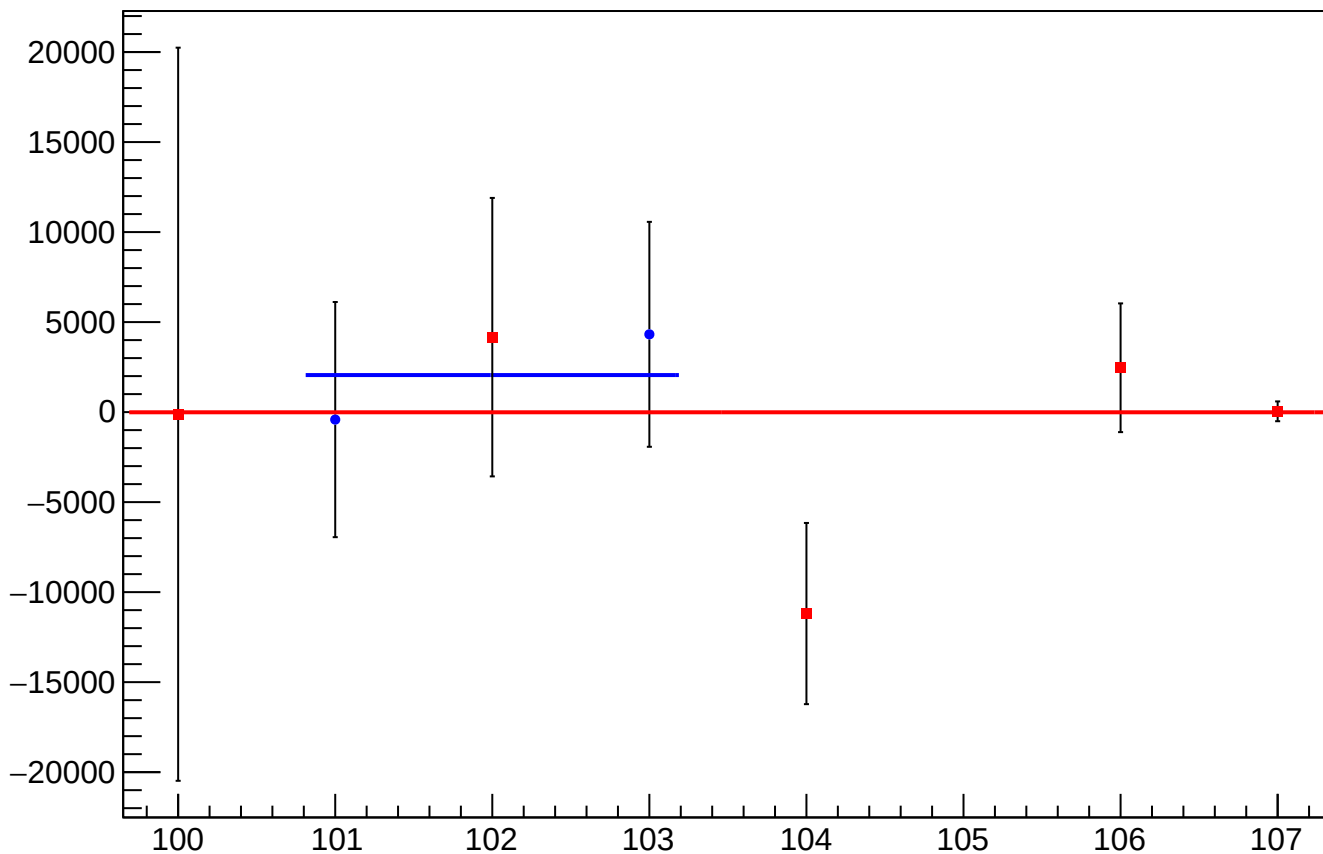
Right: 1893.226+/-0.800 χ^2/NDF : 253835.8/6

In: 1865.321+/-1.214 χ^2/NDF : 165075.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1893.226+/-0.800 χ^2/NDF : 253835.8/6

asym_atl1r2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2057.813+/-4514.568 χ^2/NDF : 0.3/1

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

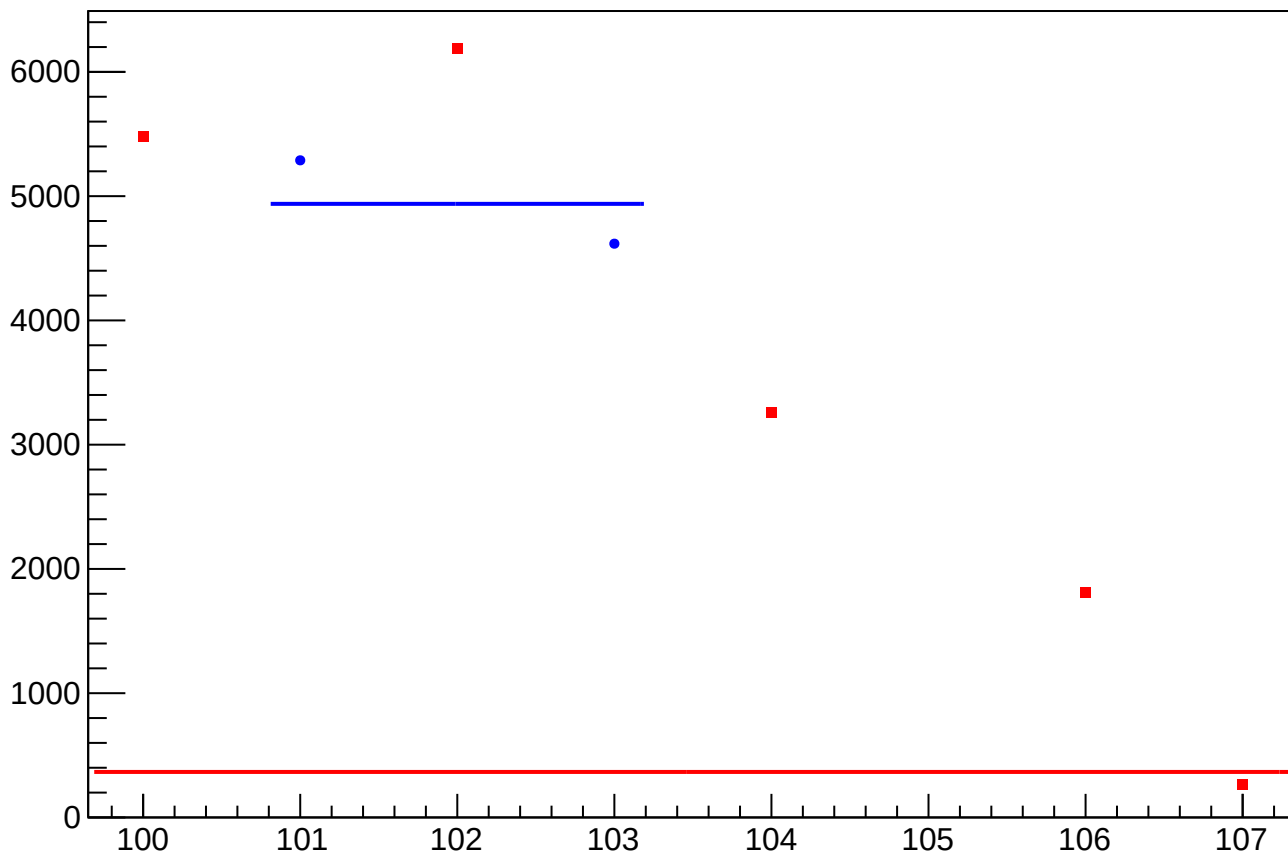
Right: 19.147+/-535.490 χ^2/NDF : 6.2/6

In: 2057.813+/-4514.568 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.147+/-535.490 χ^2/NDF : 6.2/6

asym_atl1r2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4938.068+/-3.192 χ^2/NDF : 11021.7/1

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

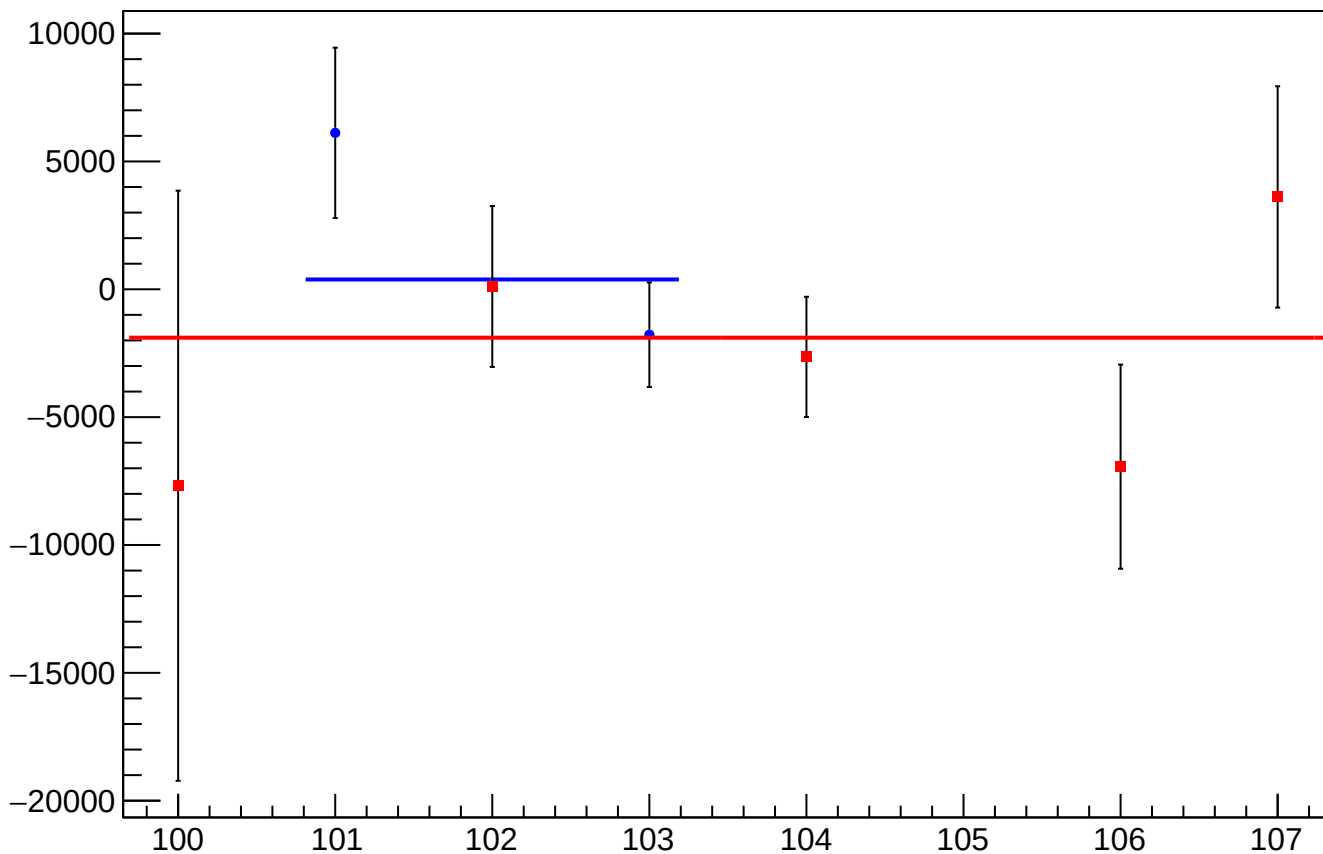
Right: 430.624+/-0.379 χ^2/NDF : 4347935.4/6

In: 4938.068+/-3.192 χ^2/NDF : 11021.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 430.624+/-0.379 χ^2/NDF : 4347935.4/6

dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: 384.122+/-1742.610 χ^2/NDF : 4.1/1

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

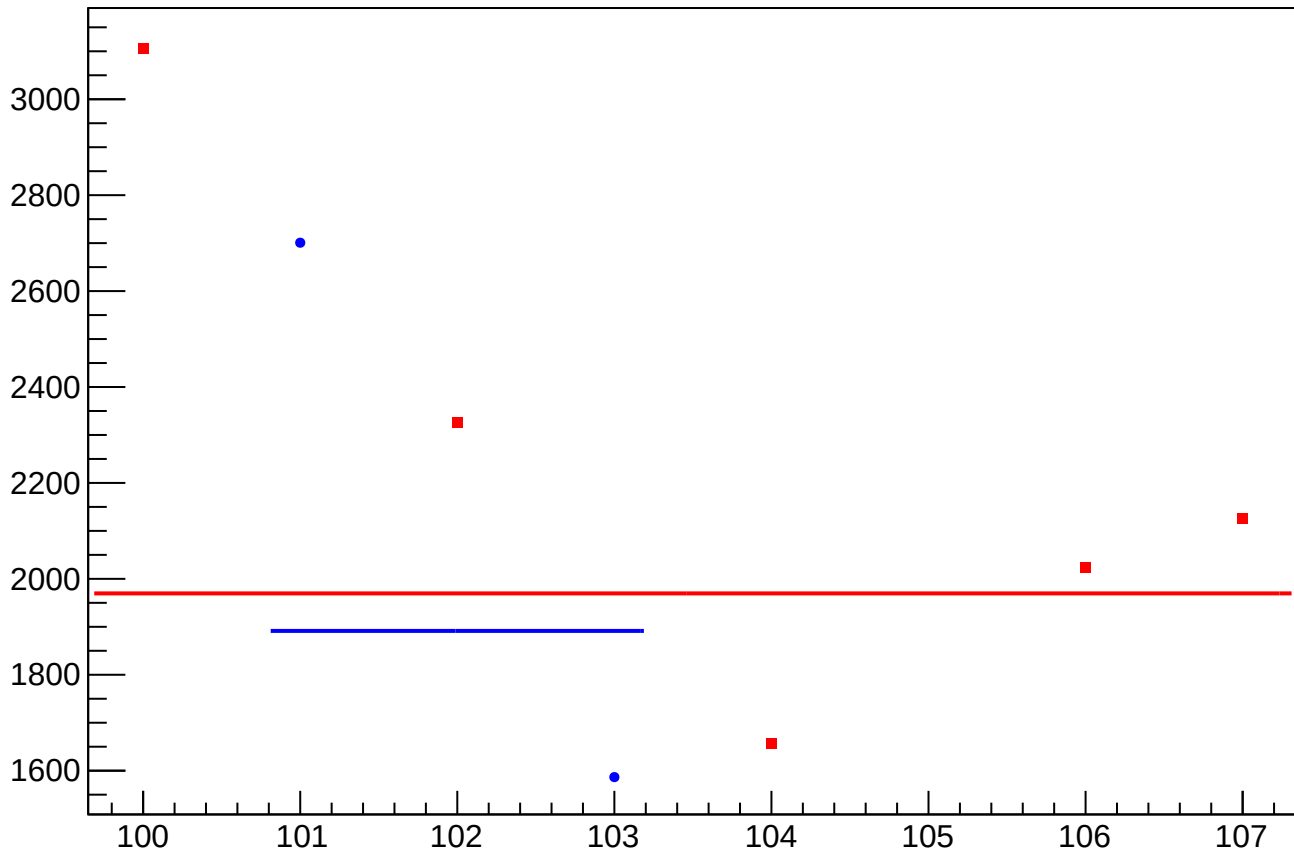
Right: -872.207+/-1166.508 χ^2/NDF : 9.0/6

In: 384.122+/-1742.610 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -872.207+/-1166.508 χ^2/NDF : 9.0/6

dit_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1891.452+/-1.232 χ^2/NDF : 162500.2/1

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

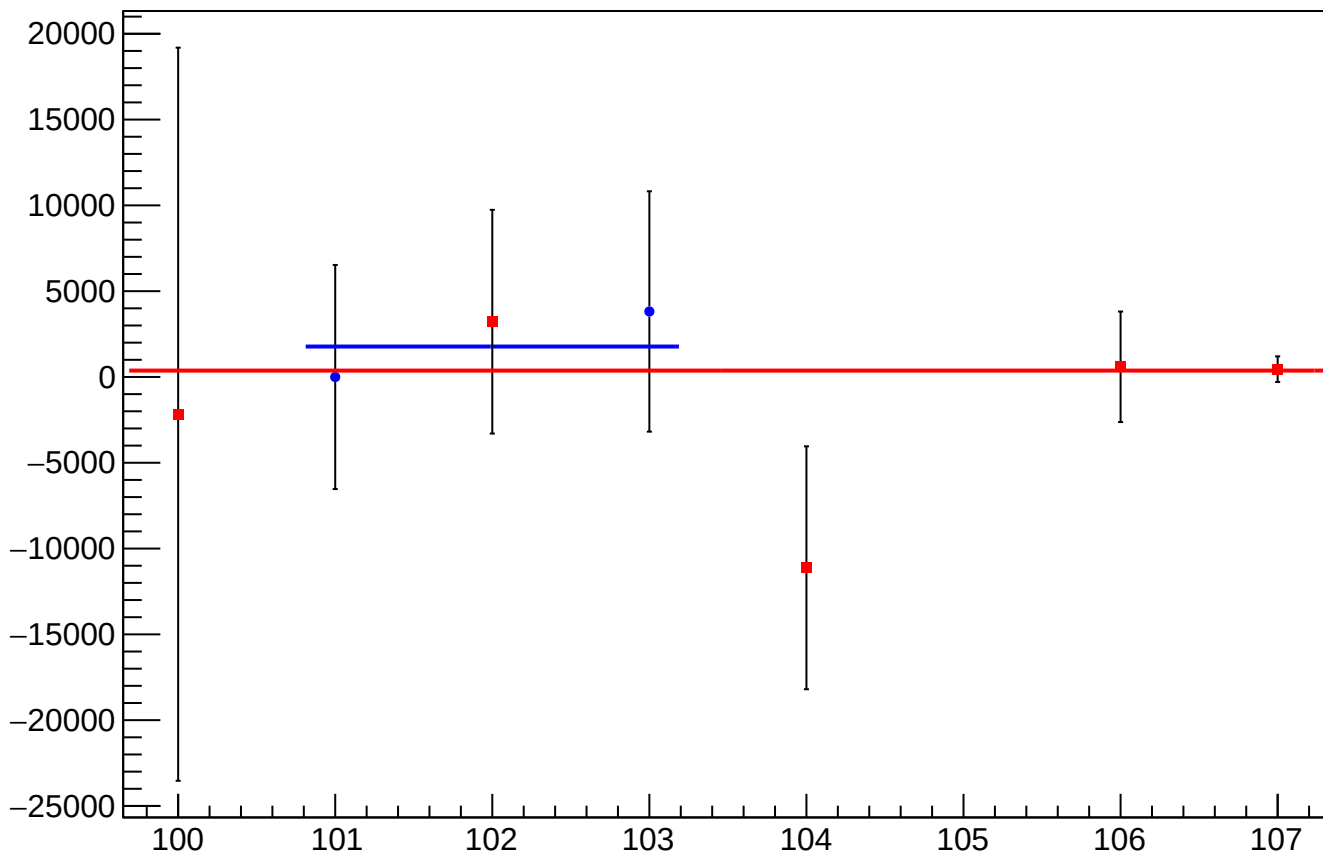
Right: 1934.783+/-0.823 χ^2/NDF : 248127.1/6

In: 1891.452+/-1.232 χ^2/NDF : 162500.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1934.783+/-0.823 χ^2/NDF : 248127.1/6

asym_atl1r2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1773.635+/-4776.282 χ^2/NDF : 0.2/1

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

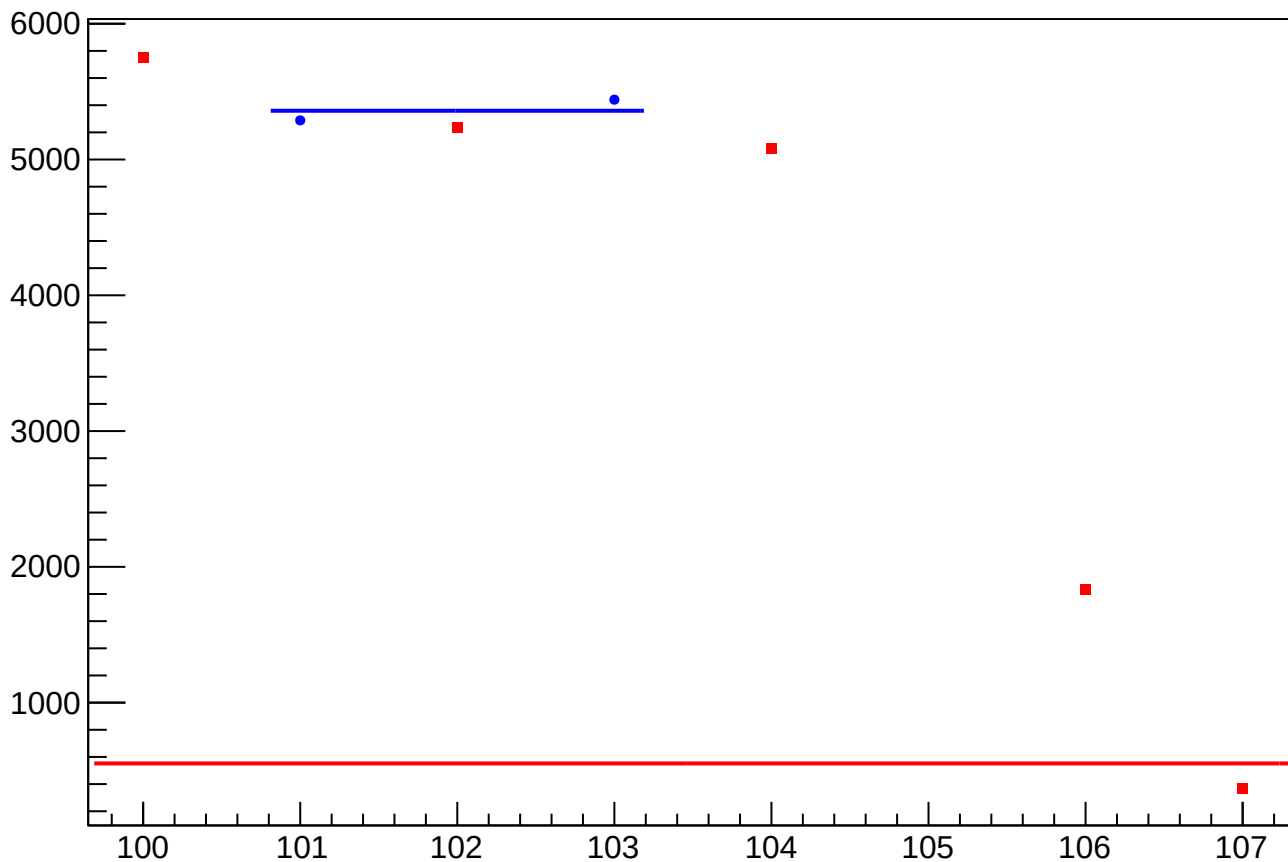
Right: 403.338+/-709.909 χ^2/NDF : 3.1/6

In: 1773.635+/-4776.282 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 403.338+/-709.909 χ^2/NDF : 3.1/6

asym_atl1r2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 5359.303 $\pm$ 3.377 χ^2 /NDF: 506.5/1

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

Right Out: 552.262 $\pm$ 0.508 χ^2 /NDF: 2409193.7/4

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

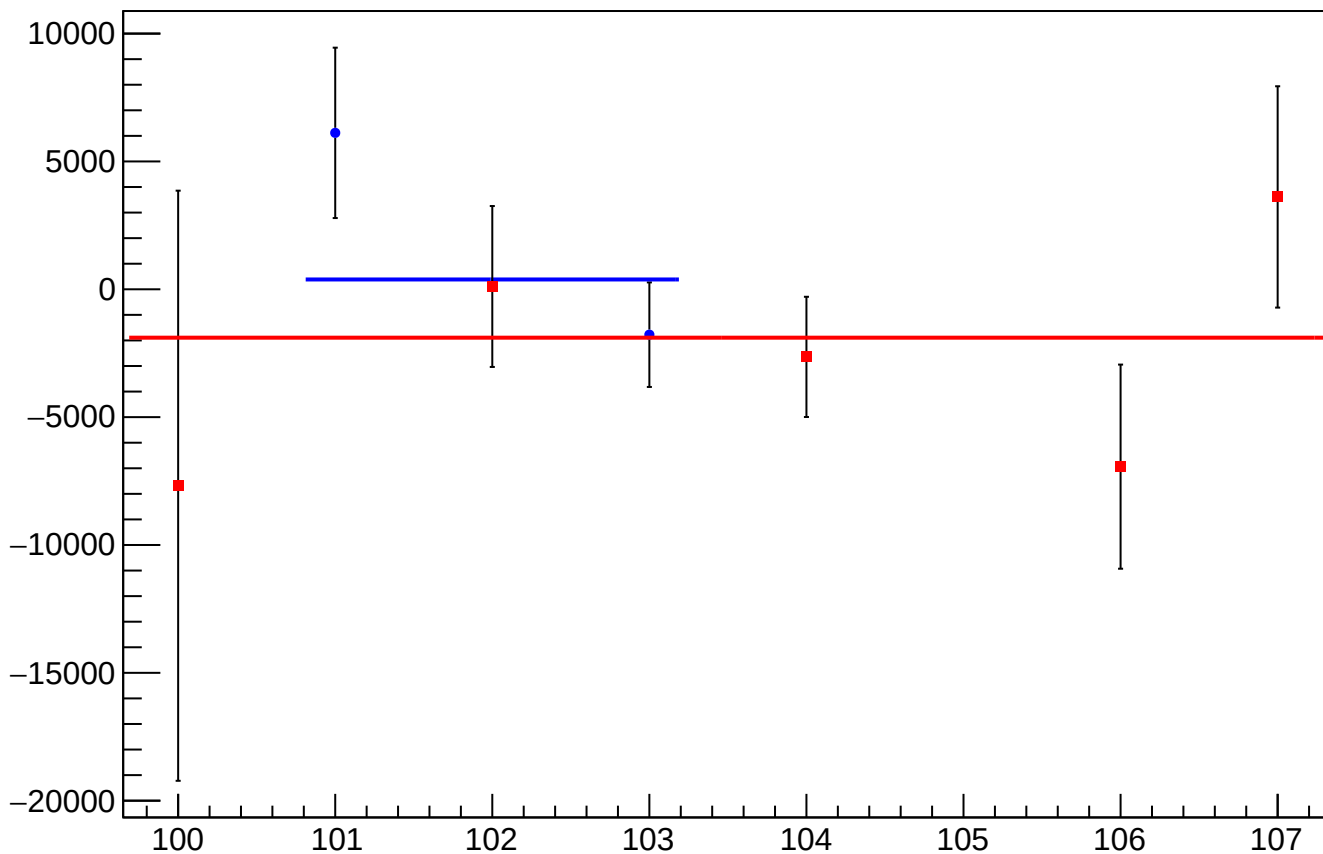
Right: 658.457 $\pm$ 0.502 χ^2 /NDF: 4390788.9/6

In: 5359.303 $\pm$ 3.377 χ^2 /NDF:506.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 658.457 $\pm$ 0.502 χ^2 /NDF: 4390788.9/6

eigen_dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: 384.130+/-1742.610 χ^2 /NDF: 4.1/1

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

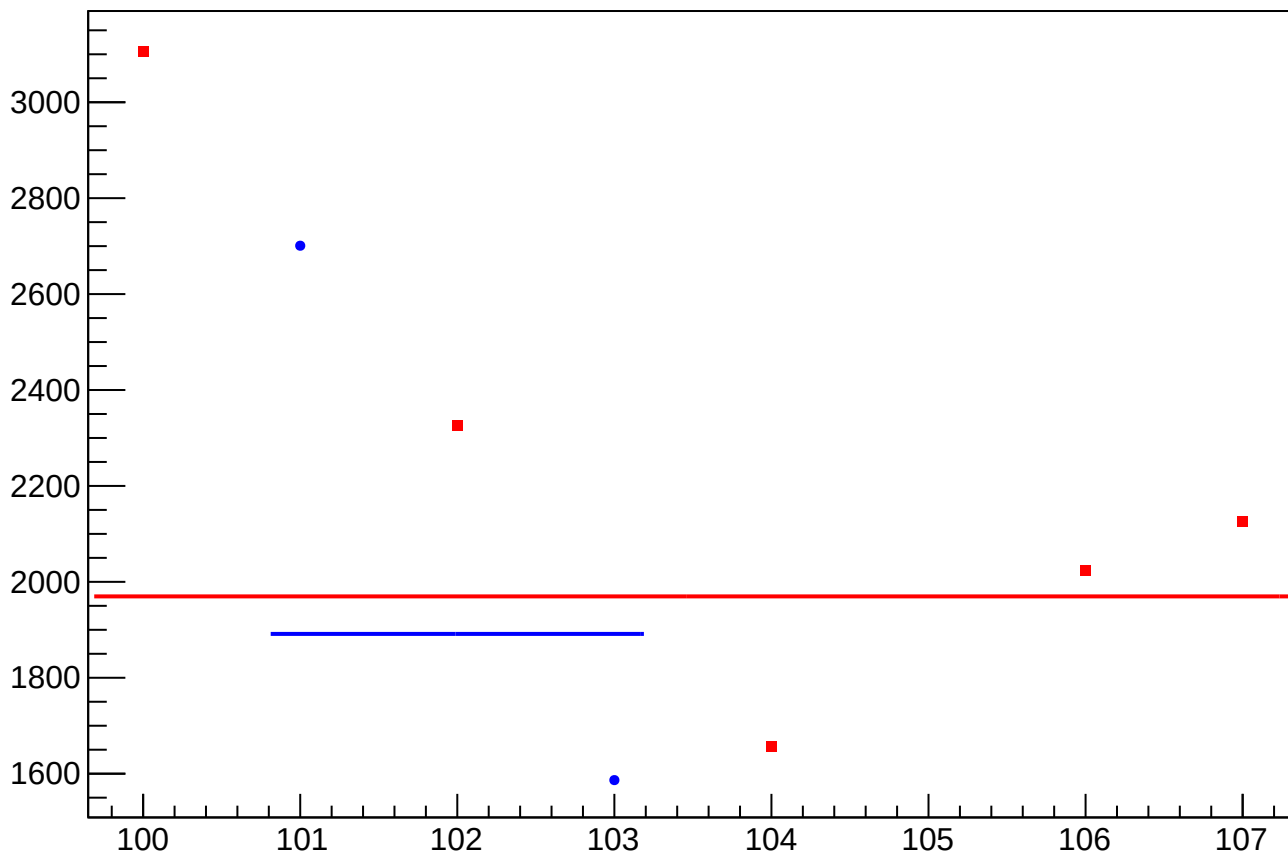
Right: -872.207+/-1166.508 χ^2 /NDF: 9.0/6

In: 384.130+/-1742.610 χ^2 /NDF:4.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -872.207+/-1166.508 χ^2 /NDF: 9.0/6

eigen_dit_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1891.452+/-1.232 χ^2/NDF : 162500.0/1

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

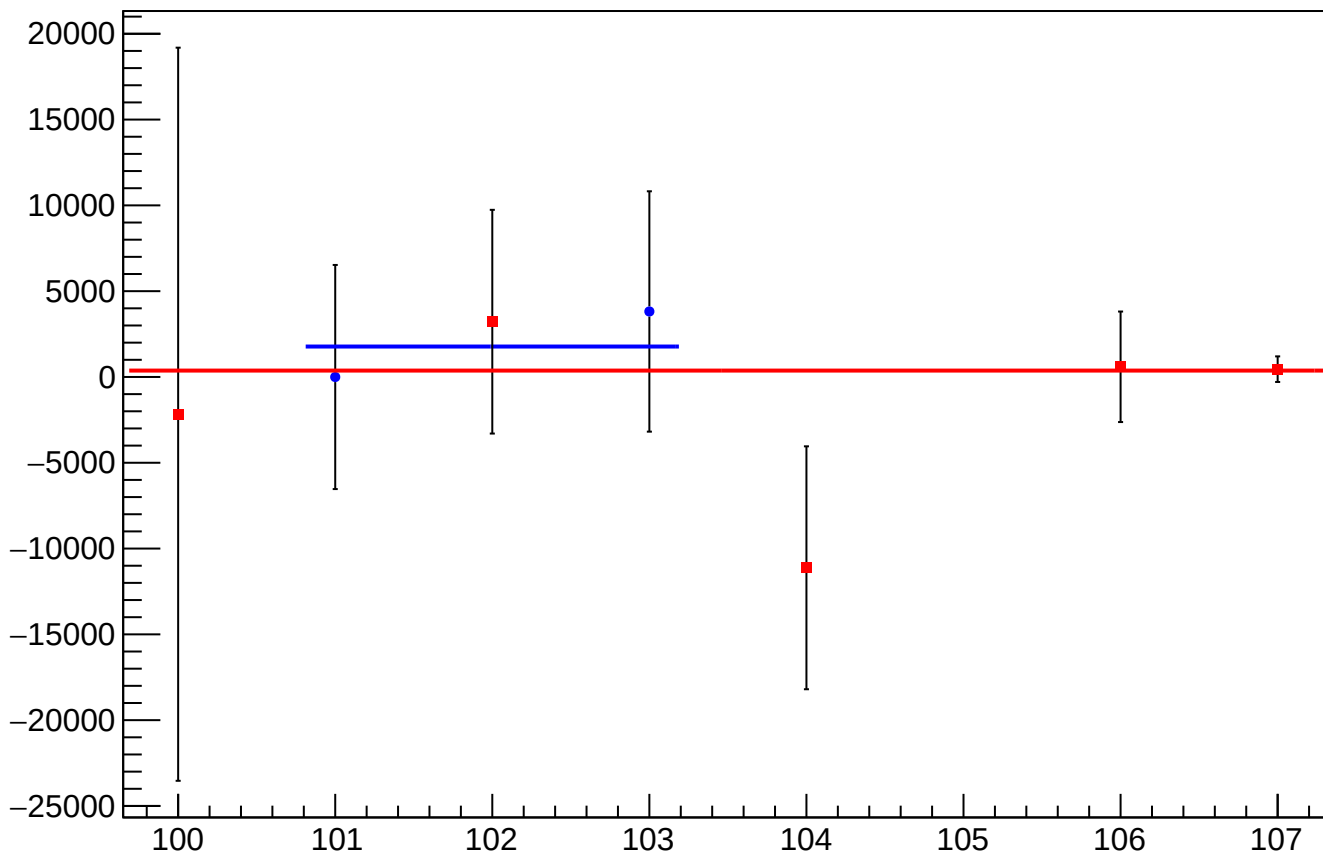
Right: 1934.783+/-0.823 χ^2/NDF : 248126.9/6

In: 1891.452+/-1.232 χ^2/NDF : 162500.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1934.783+/-0.823 χ^2/NDF : 248126.9/6

asym_atl1r2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1773.647+/-4776.281 χ^2/NDF : 0.2/1

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

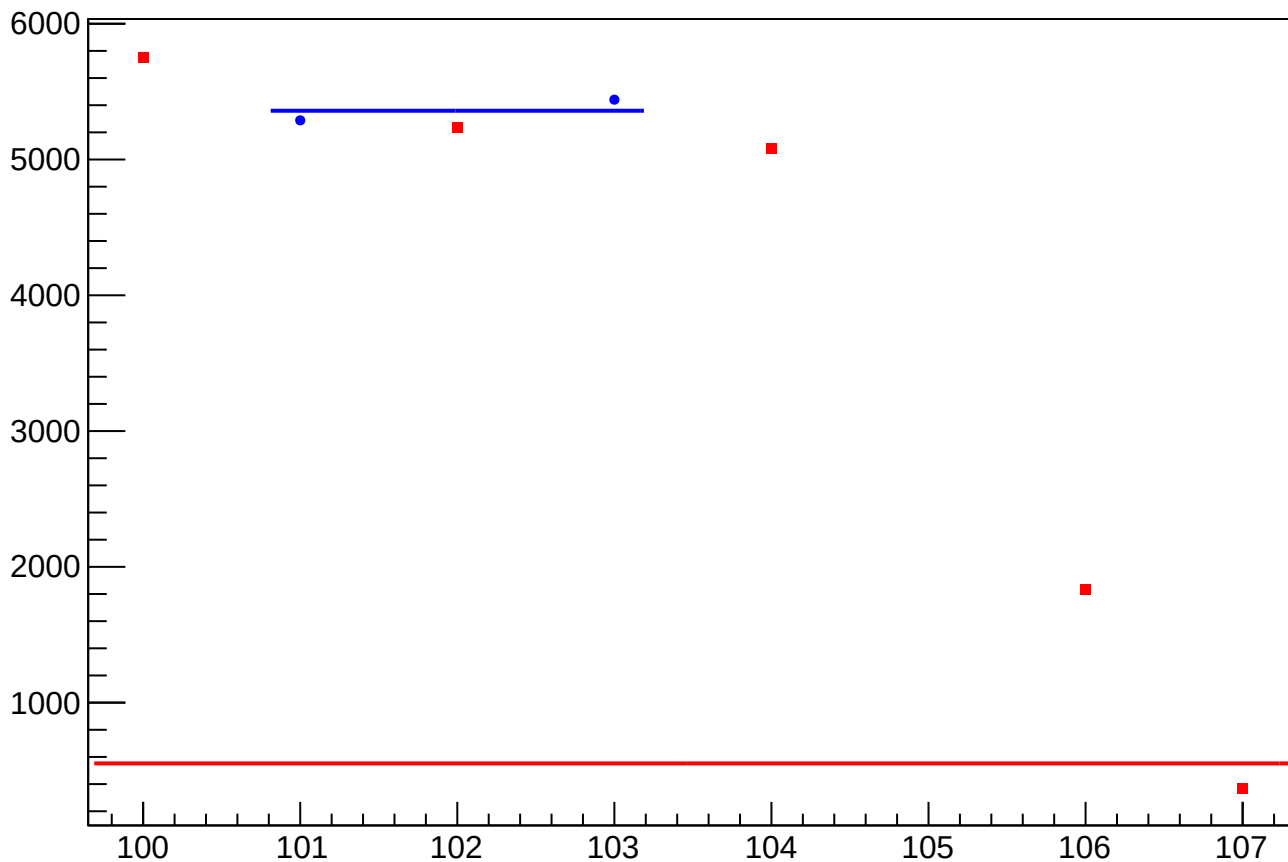
Right: 403.344+/-709.922 χ^2/NDF : 3.1/6

In: 1773.647+/-4776.281 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 403.344+/-709.922 χ^2/NDF : 3.1/6

asym_atl1r2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5359.302 $\pm$ 3.377 χ^2 /NDF: 506.5/1

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

Right Out: 552.277 $\pm$ 0.508 χ^2 /NDF: 2409177.4/4

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

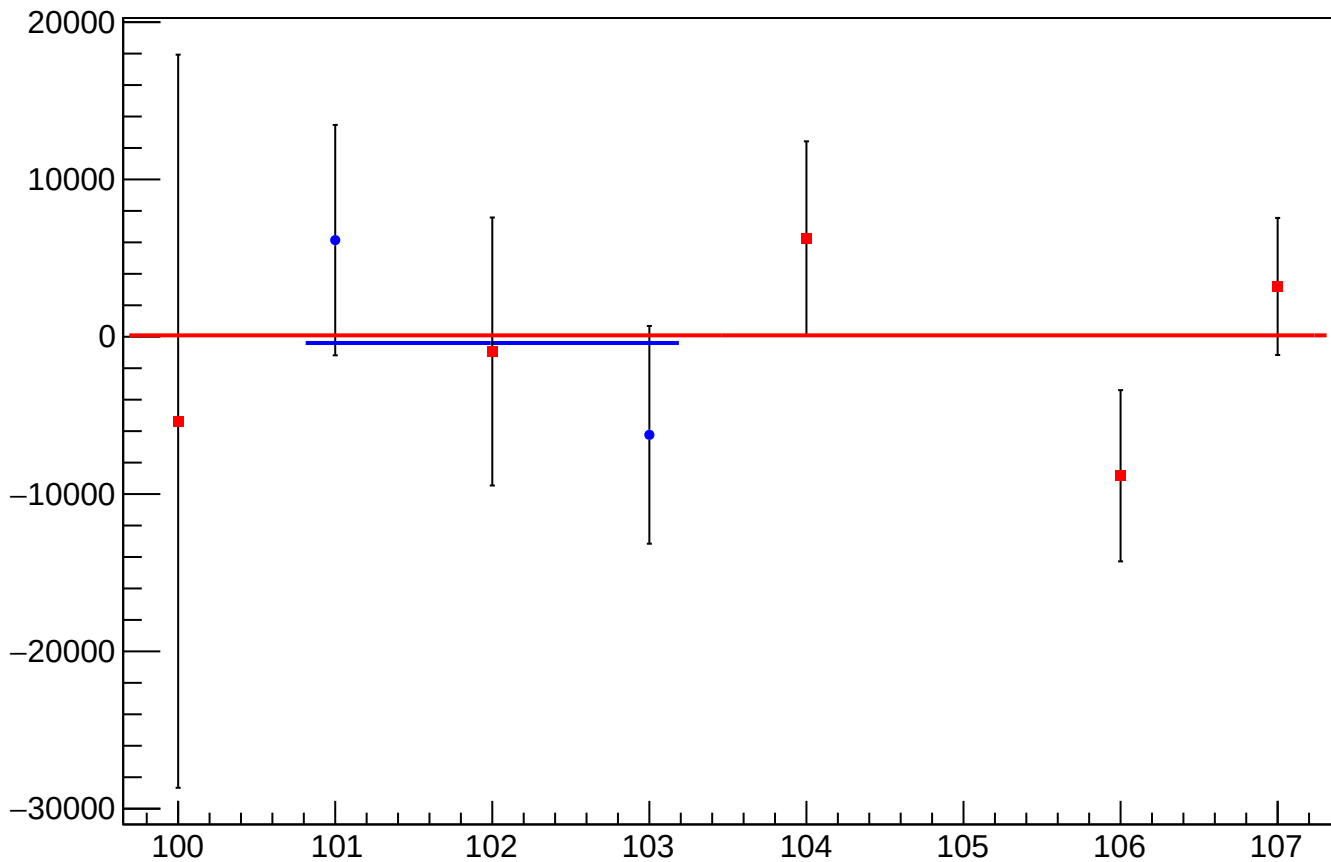
Right: 658.476 $\pm$ 0.502 χ^2 /NDF: 4390758.5/6

In: 5359.302 $\pm$ 3.377 χ^2 /NDF:506.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 658.476 $\pm$ 0.502 χ^2 /NDF: 4390758.5/6

asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -396.333+/-5030.084 χ^2/NDF : 1.5/1

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

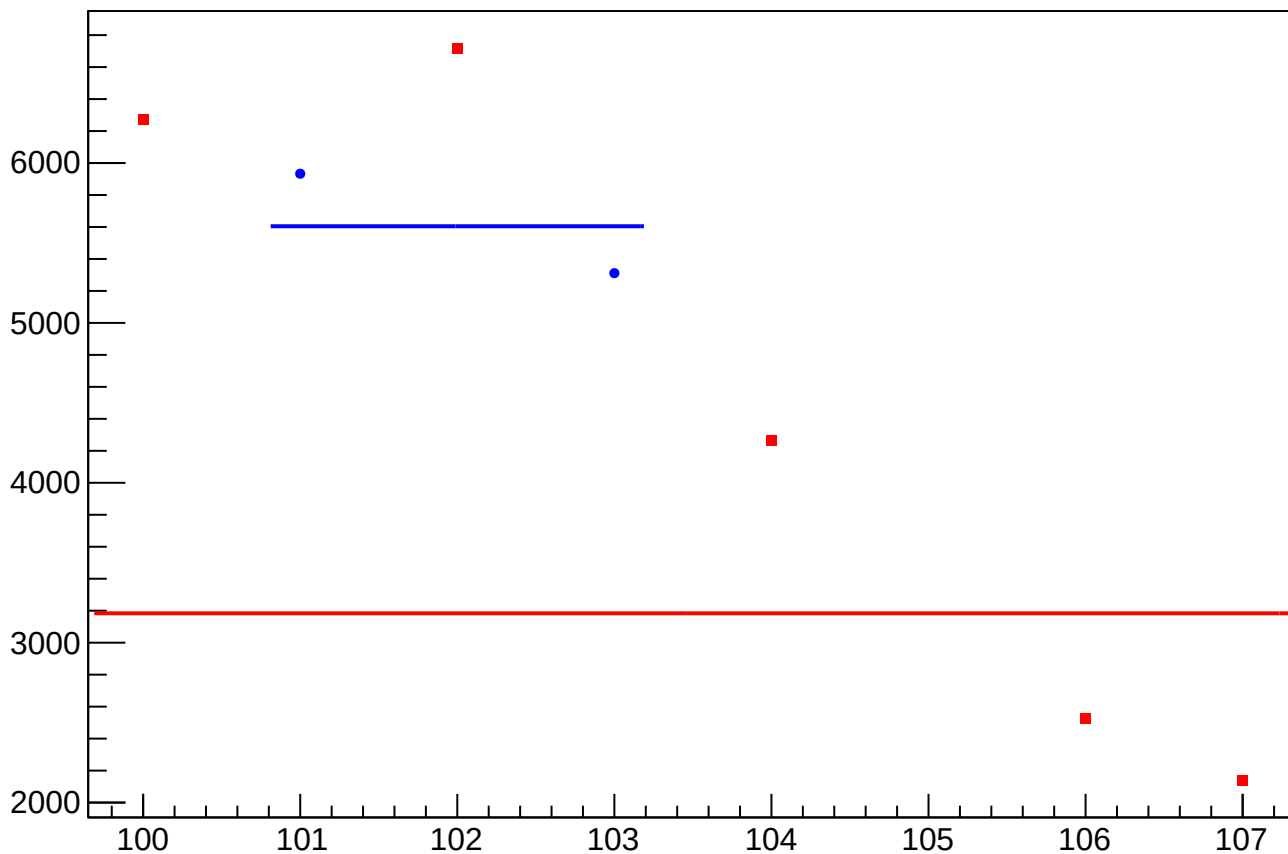
Right: -25.549+/-2440.946 χ^2/NDF : 5.8/6

In: -396.333+/-5030.084 χ^2/NDF : 1.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.549+/-2440.946 χ^2/NDF : 5.8/6

asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 5604.551+/-3.557 χ^2/NDF : 7617.5/1

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

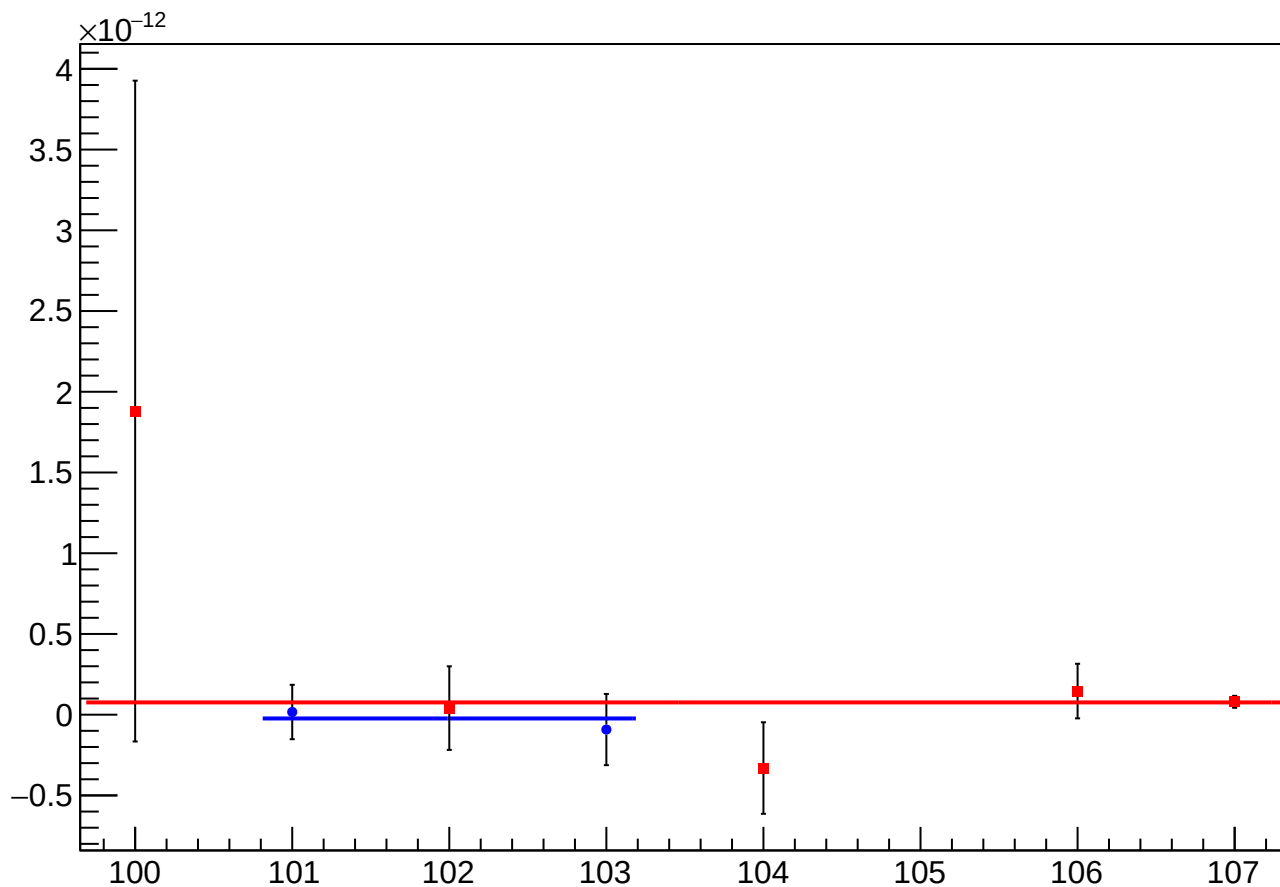
Right: 3726.570+/-1.684 χ^2/NDF : 958494.1/6

In: 5604.551+/-3.557 χ^2/NDF : 7617.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3726.570+/-1.684 χ^2/NDF : 958494.1/6

asym_atl1r2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.2/1

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

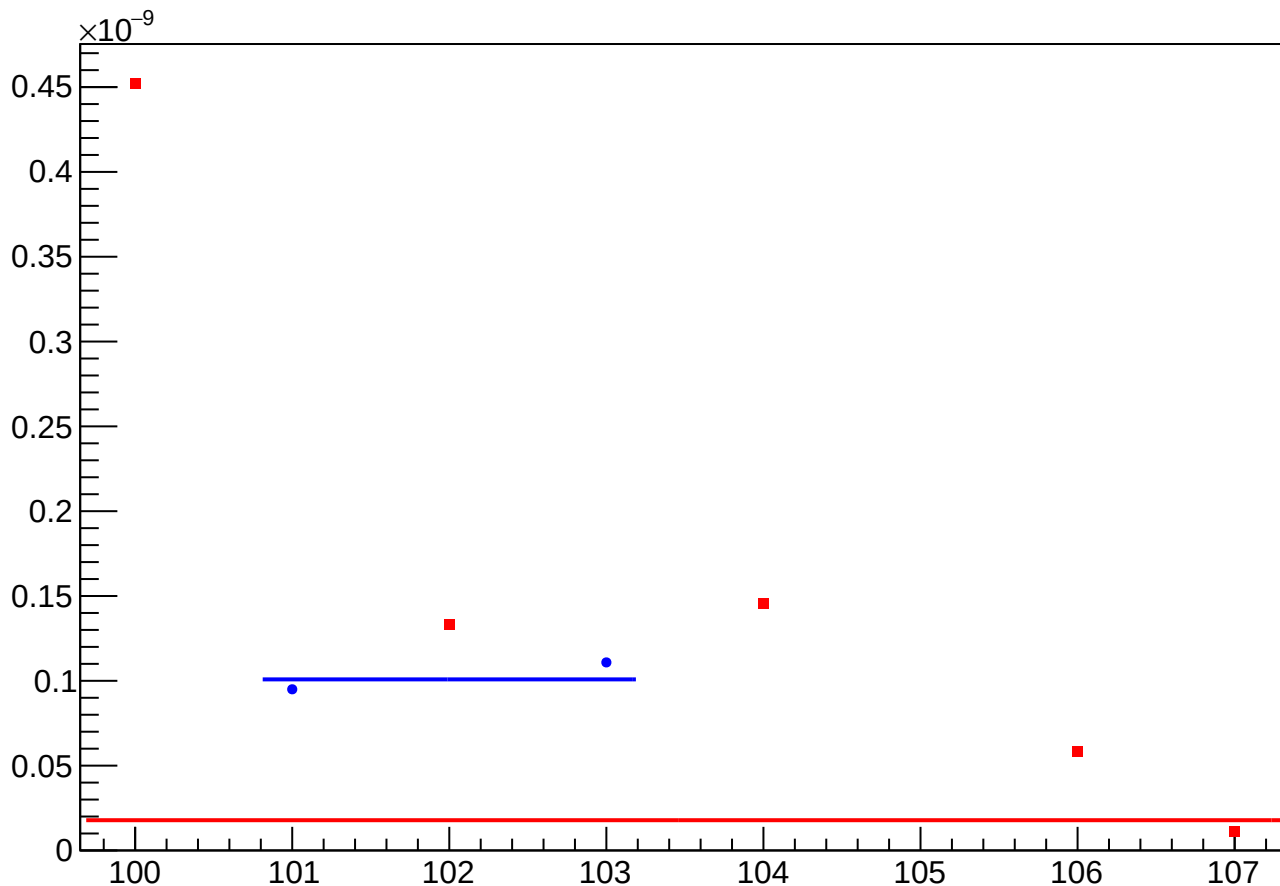
Right: 0.000+/-0.000 χ^2/NDF : 3.7/6

In: -0.000+/-0.000 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.7/6

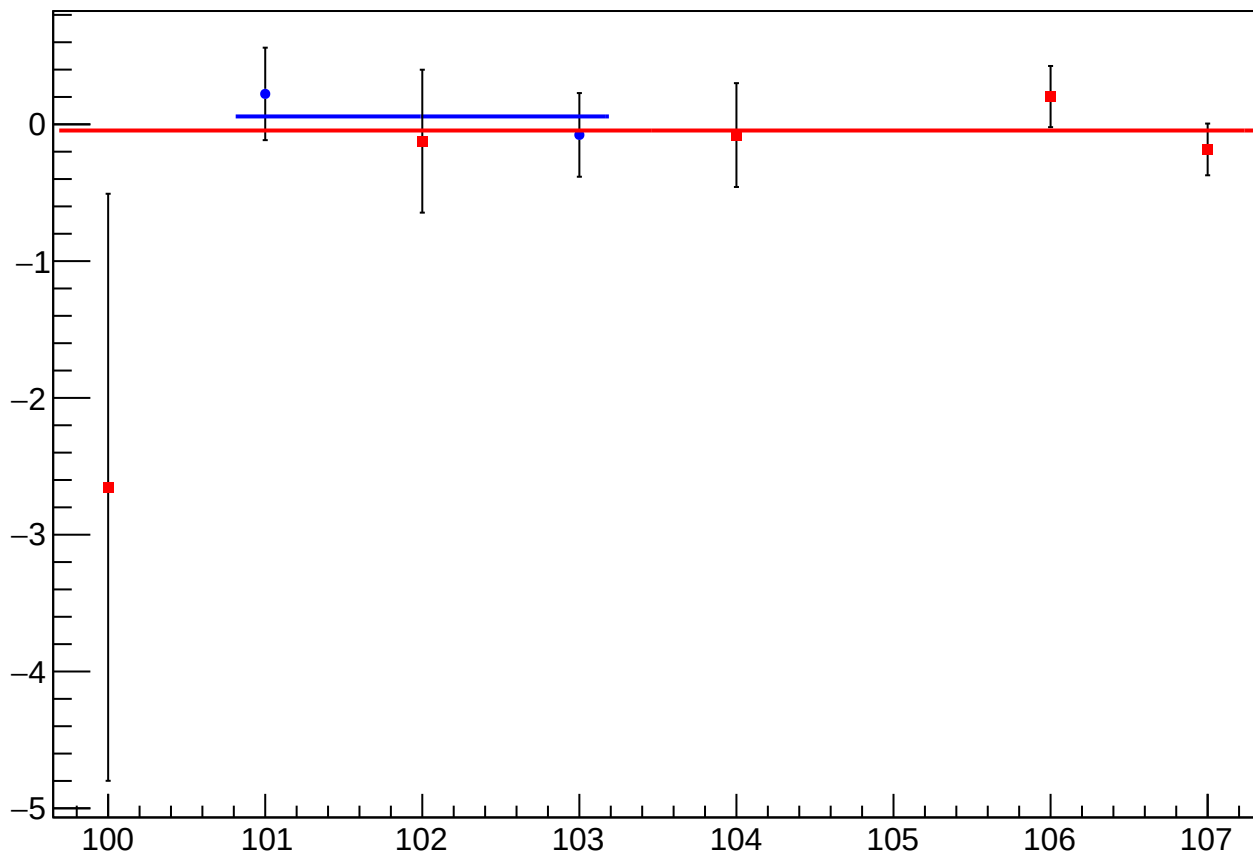
asym_atl1r2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6522.8/1
 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 : 1794800.7/6
 In: 0.000+/-0.000 χ^2/NDF : 6522.8/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 1794800.7/6

asym_atl1r2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.058 $\pm$ 0.227 χ^2 /NDF: 0.4/1

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

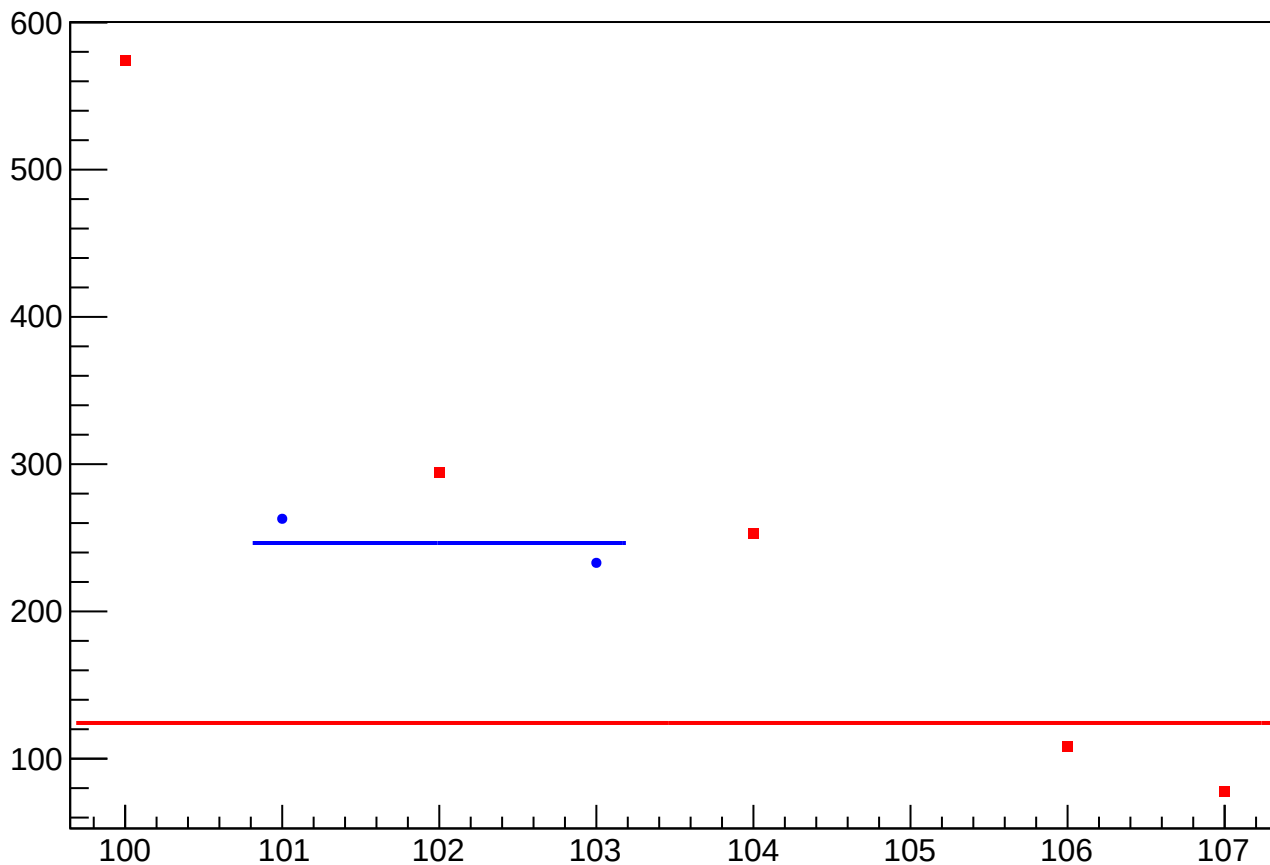
Right: -0.020 $\pm$ 0.113 χ^2 /NDF: 3.9/6

In: 0.058 $\pm$ 0.227 χ^2 /NDF: 0.4/1

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

All: -0.020 $\pm$ 0.113 χ^2 /NDF: 3.9/6

asym_atl1r2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 246.465+/-0.160 χ^2/NDF : 8615.1/1

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

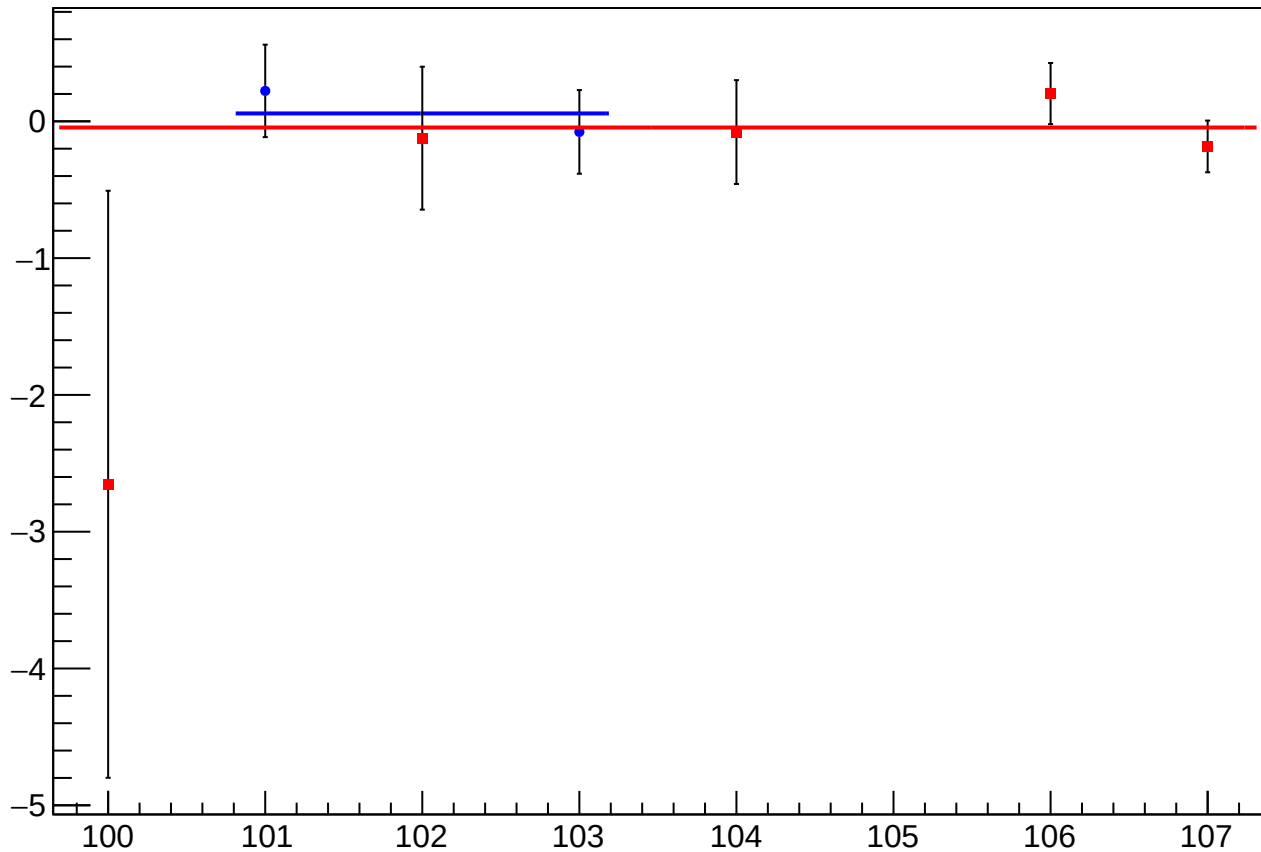
Right: 154.616+/-0.080 χ^2/NDF : 1107625.7/6

In: 246.465+/-0.160 χ^2/NDF : 8615.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.616+/-0.080 χ^2/NDF : 1107625.7/6

asym_atl1r2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.058 $\pm$ 0.227 χ^2 /NDF: 0.4/1

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

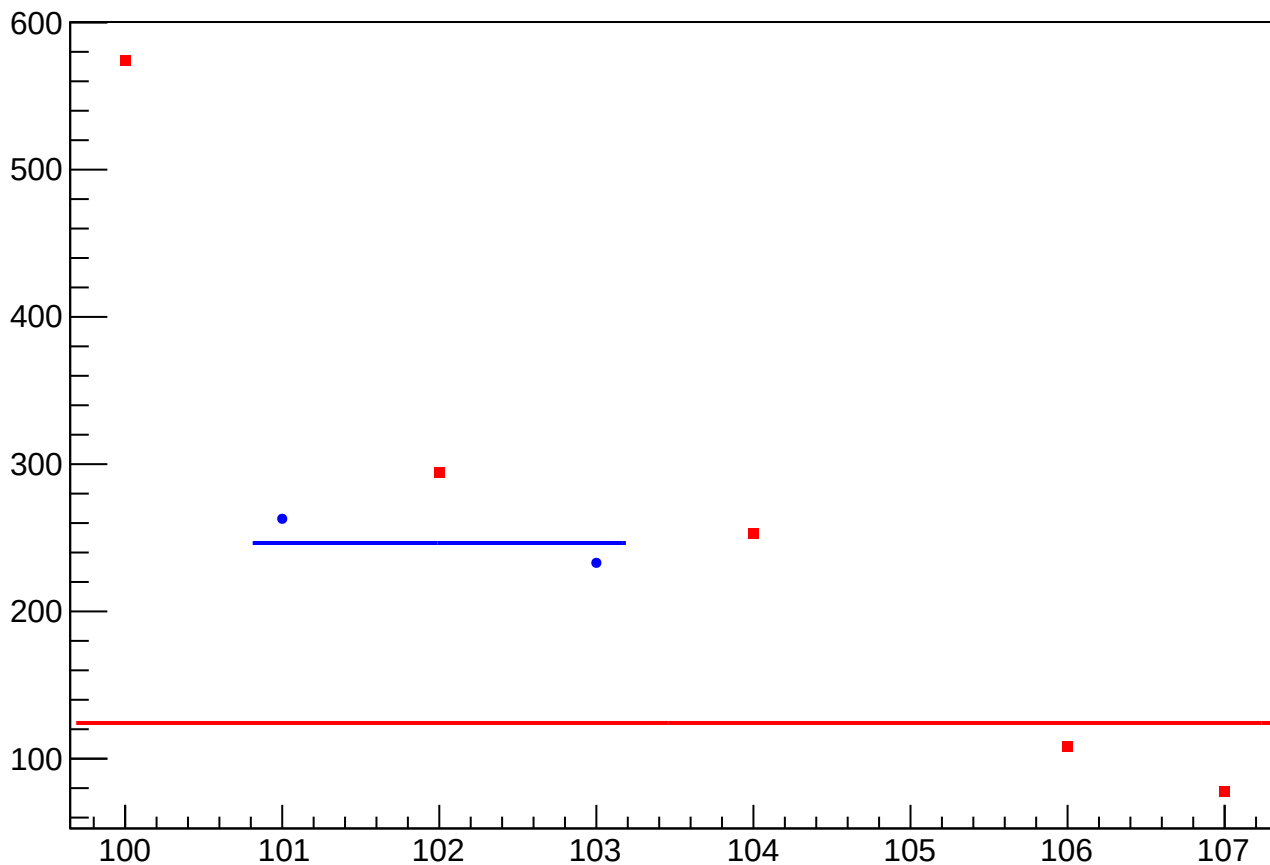
Right: -0.020 $\pm$ 0.113 χ^2 /NDF: 3.9/6

In: 0.058 $\pm$ 0.227 χ^2 /NDF: 0.4/1

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

All: -0.020 $\pm$ 0.113 χ^2 /NDF: 3.9/6

asym_atl1r2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 246.465+/-0.160 χ^2/NDF : 8615.1/1

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

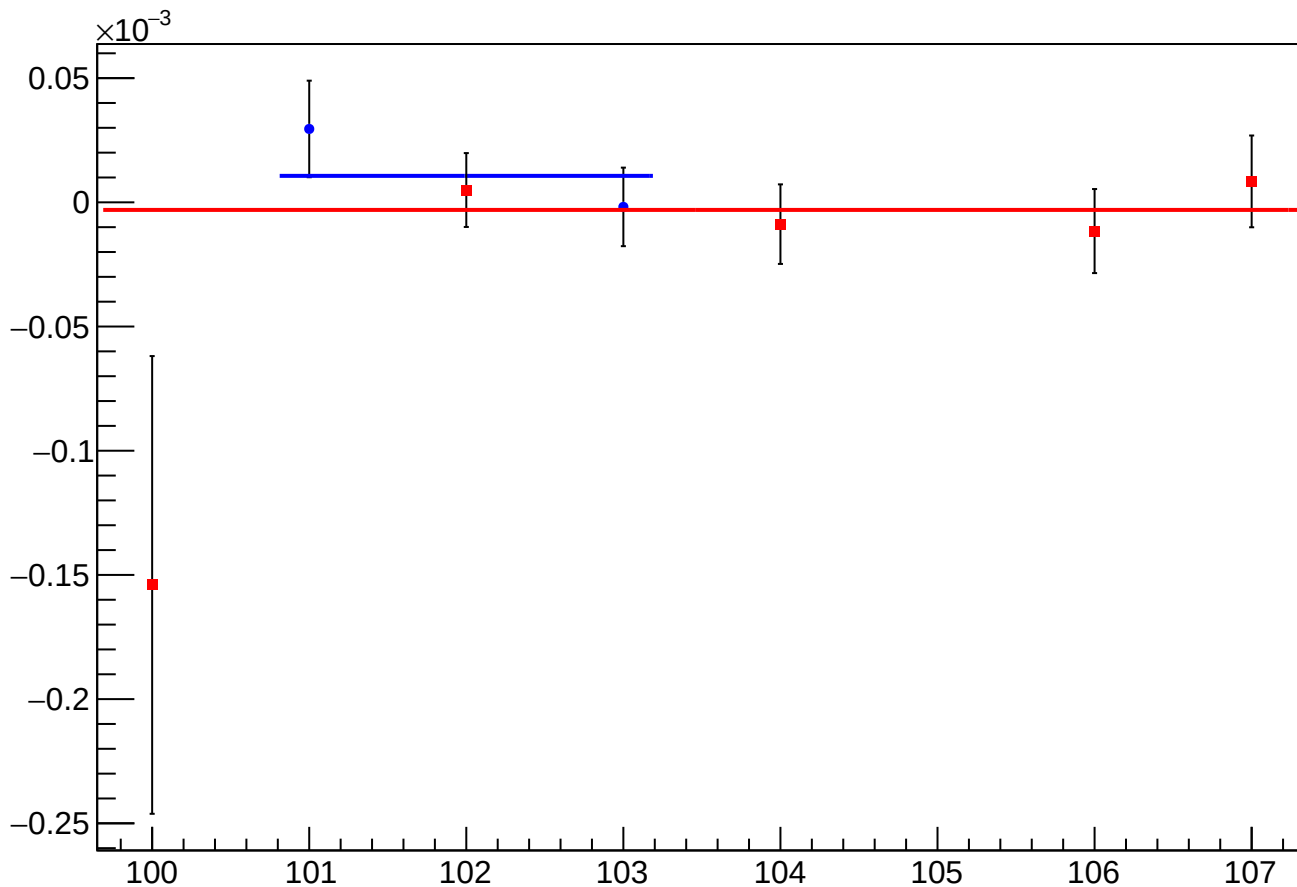
Right: 154.616+/-0.080 χ^2/NDF : 1107625.7/6

In: 246.465+/-0.160 χ^2/NDF : 8615.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.616+/-0.080 χ^2/NDF : 1107625.7/6

asym_atl1r2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.6/1

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

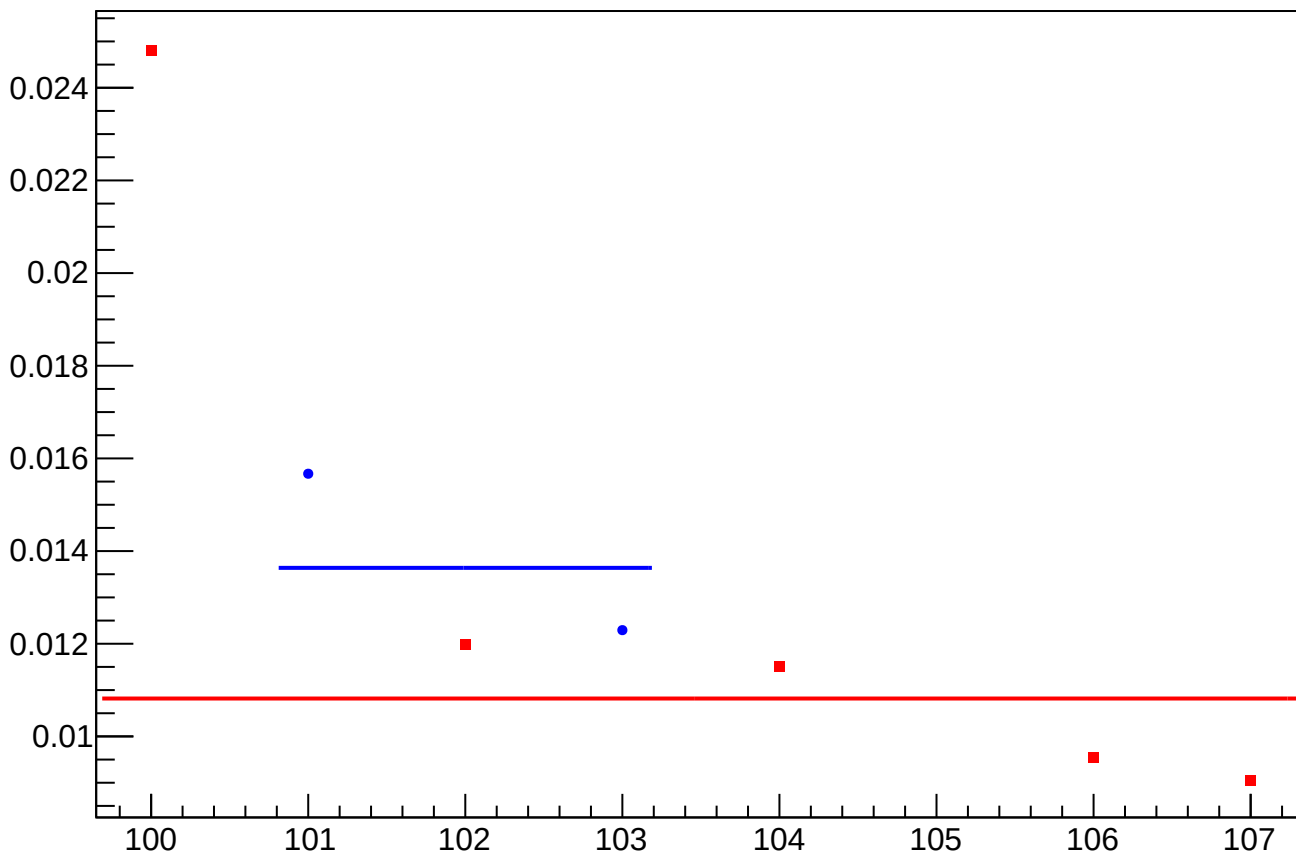
Right: 0.000+/-0.000 χ^2/NDF : 6.2/6

In: 0.000+/-0.000 χ^2/NDF : 1.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.2/6

asym_atl1r2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 36318.5/1

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

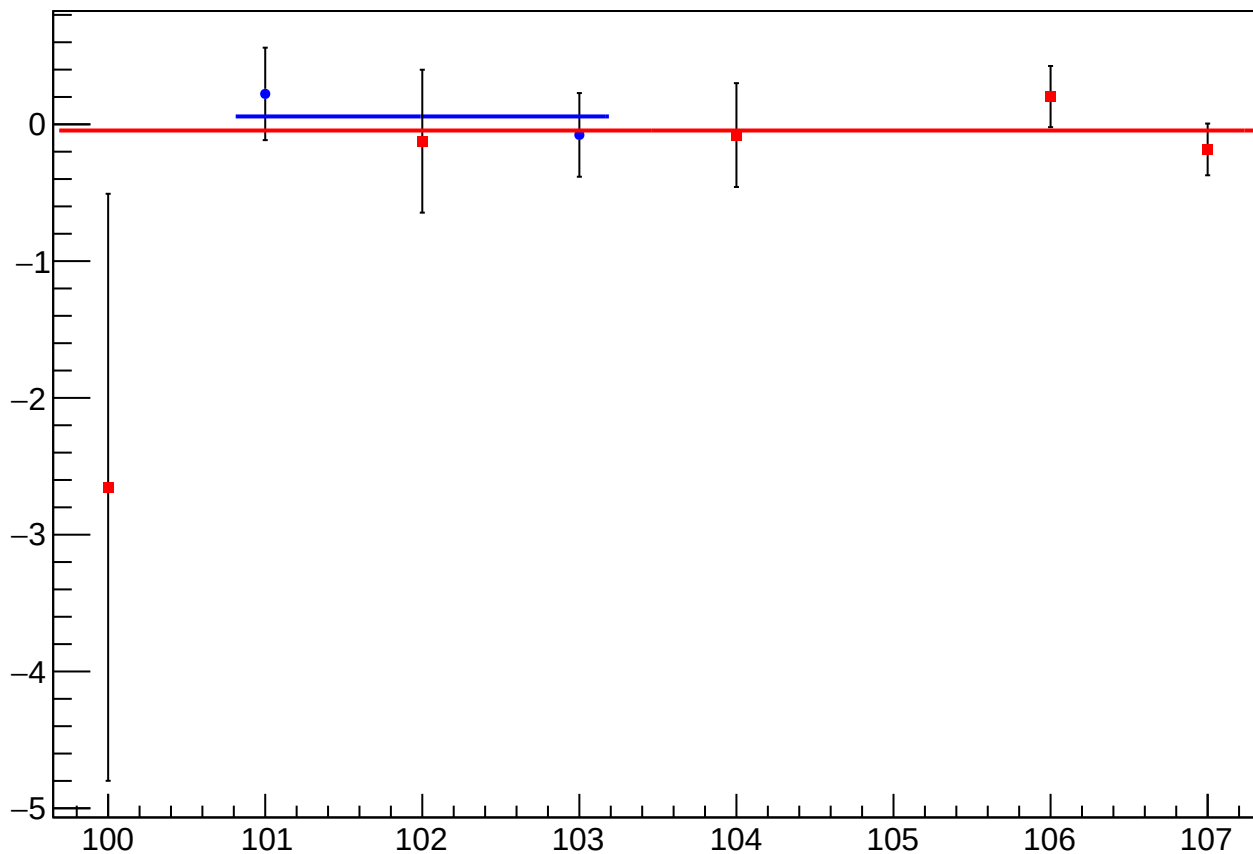
Right: 0.012+/-0.000 χ^2/NDF : 201127.1/6

In: 0.014+/-0.000 χ^2/NDF :36318.5/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.000 χ^2/NDF : 201127.1/6

asym_atl1r2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.058 $\pm$ 0.227 χ^2 /NDF: 0.4/1

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

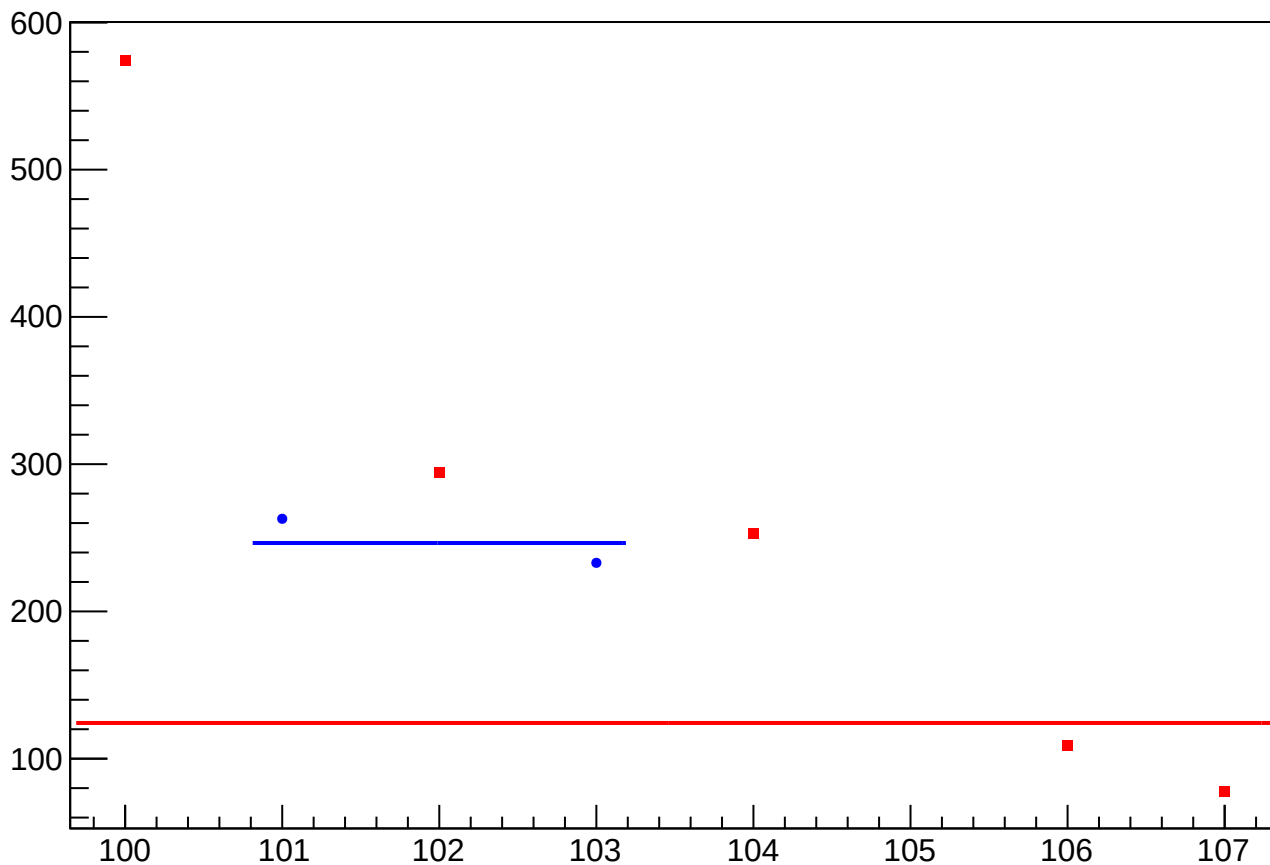
Right: -0.020 $\pm$ 0.113 χ^2 /NDF: 3.9/6

In: 0.058 $\pm$ 0.227 χ^2 /NDF: 0.4/1

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

All: -0.020 $\pm$ 0.113 χ^2 /NDF: 3.9/6

asym_atl1r2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 246.465+/-0.160 χ^2/NDF : 8612.4/1

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

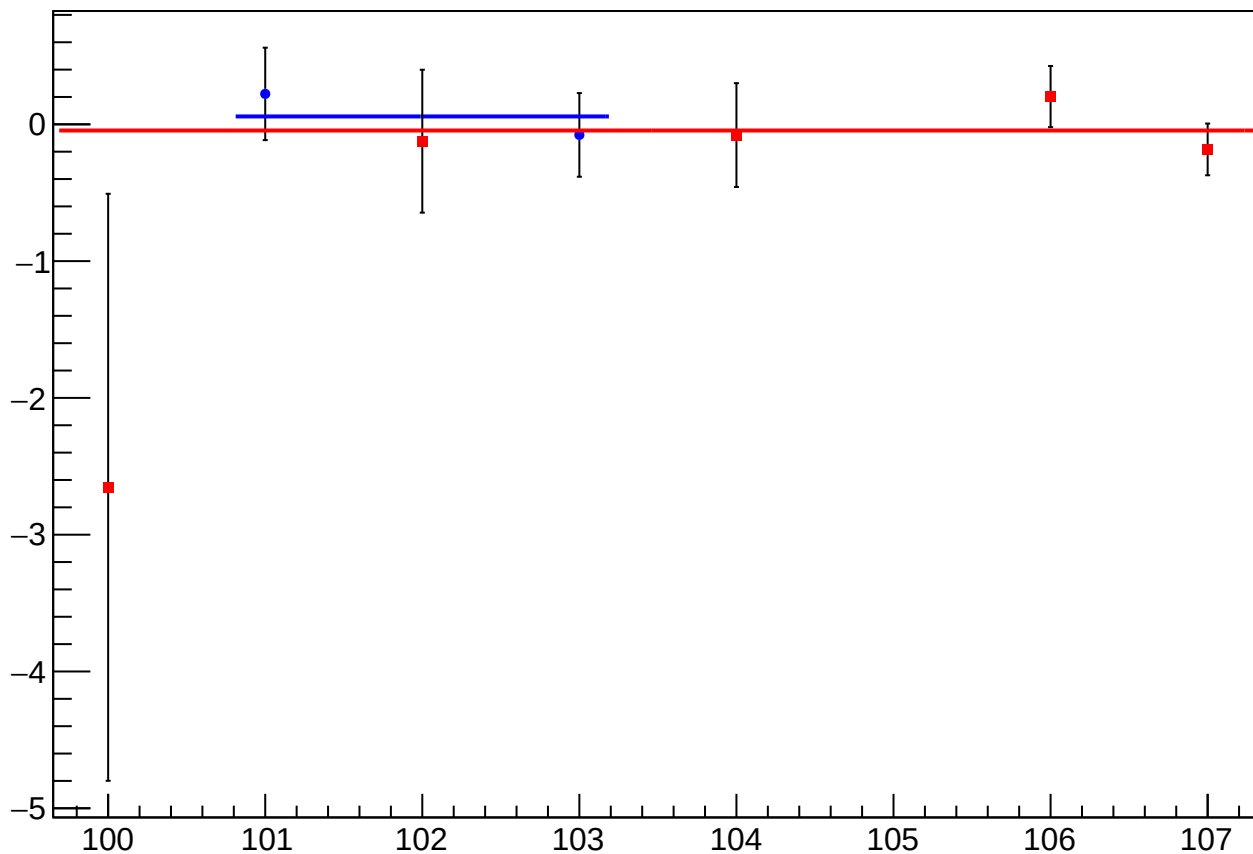
Right: 154.615+/-0.080 χ^2/NDF : 1107663.2/6

In: 246.465+/-0.160 χ^2/NDF : 8612.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.615+/-0.080 χ^2/NDF : 1107663.2/6

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.058 $\pm$ 0.227 χ^2 /NDF: 0.4/1

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

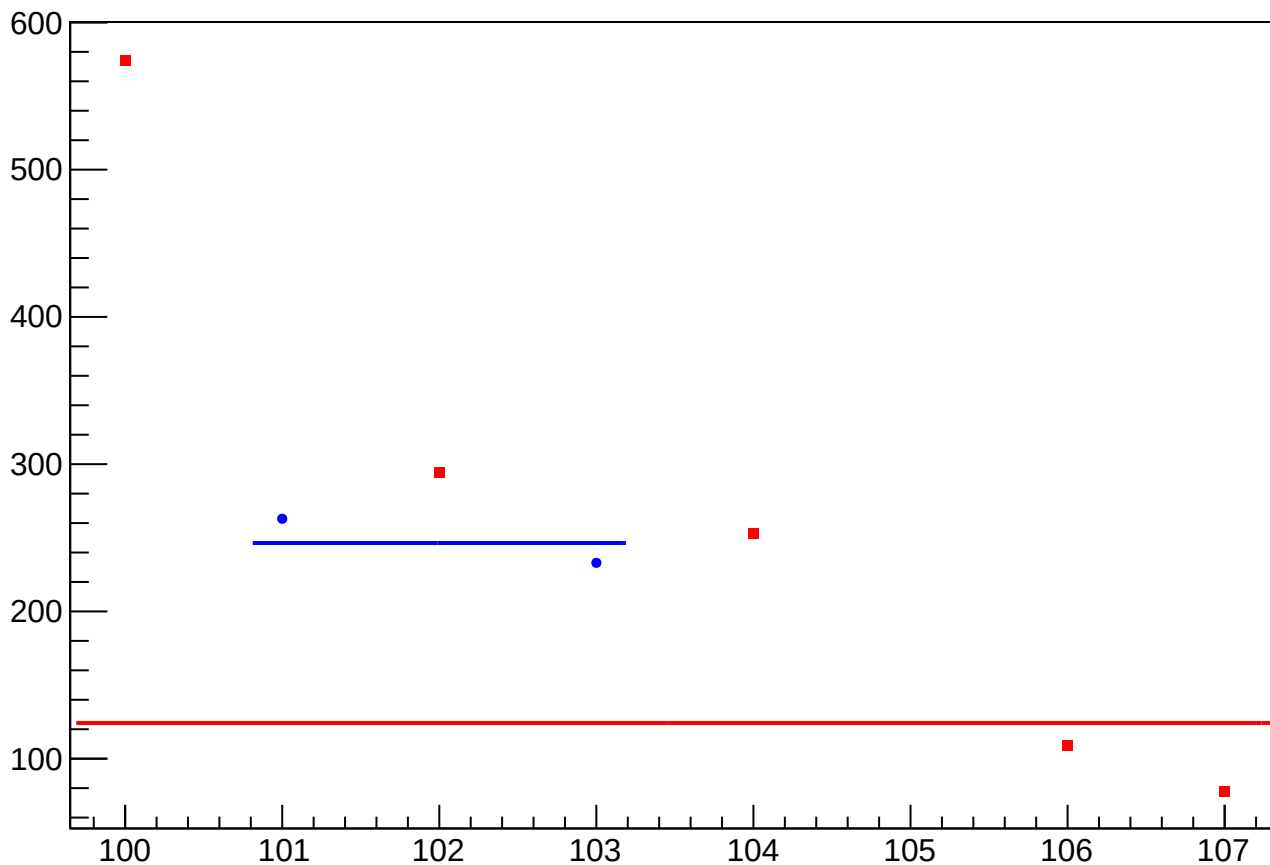
Right: -0.020 $\pm$ 0.113 χ^2 /NDF: 3.9/6

In: 0.058 $\pm$ 0.227 χ^2 /NDF: 0.4/1

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

All: -0.020 $\pm$ 0.113 χ^2 /NDF: 3.9/6

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 246.465+/-0.160 χ^2/NDF : 8612.4/1

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

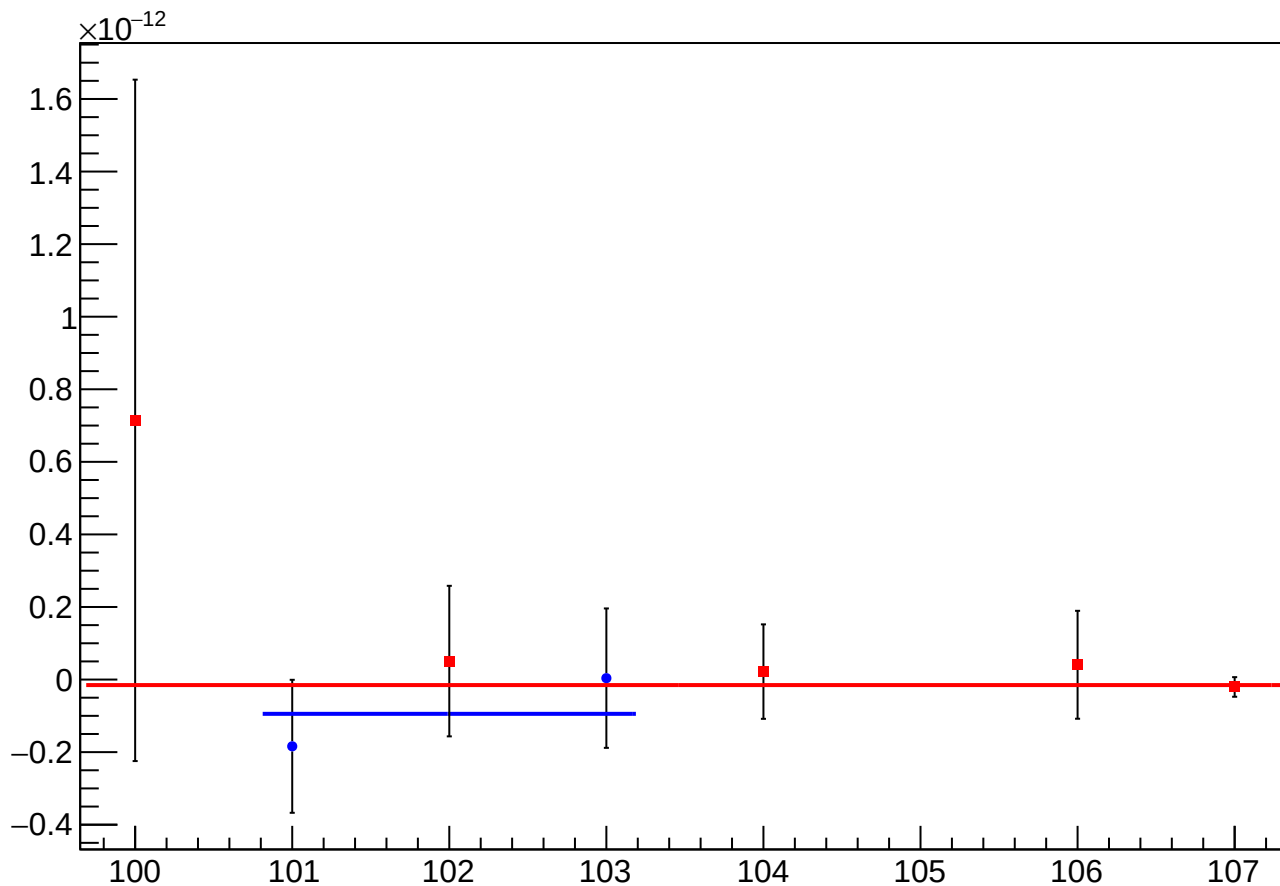
Right: 154.615+/-0.080 χ^2/NDF : 1107663.2/6

In: 246.465+/-0.160 χ^2/NDF : 8612.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.615+/-0.080 χ^2/NDF : 1107663.2/6

asym_atl1r2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.5/1

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

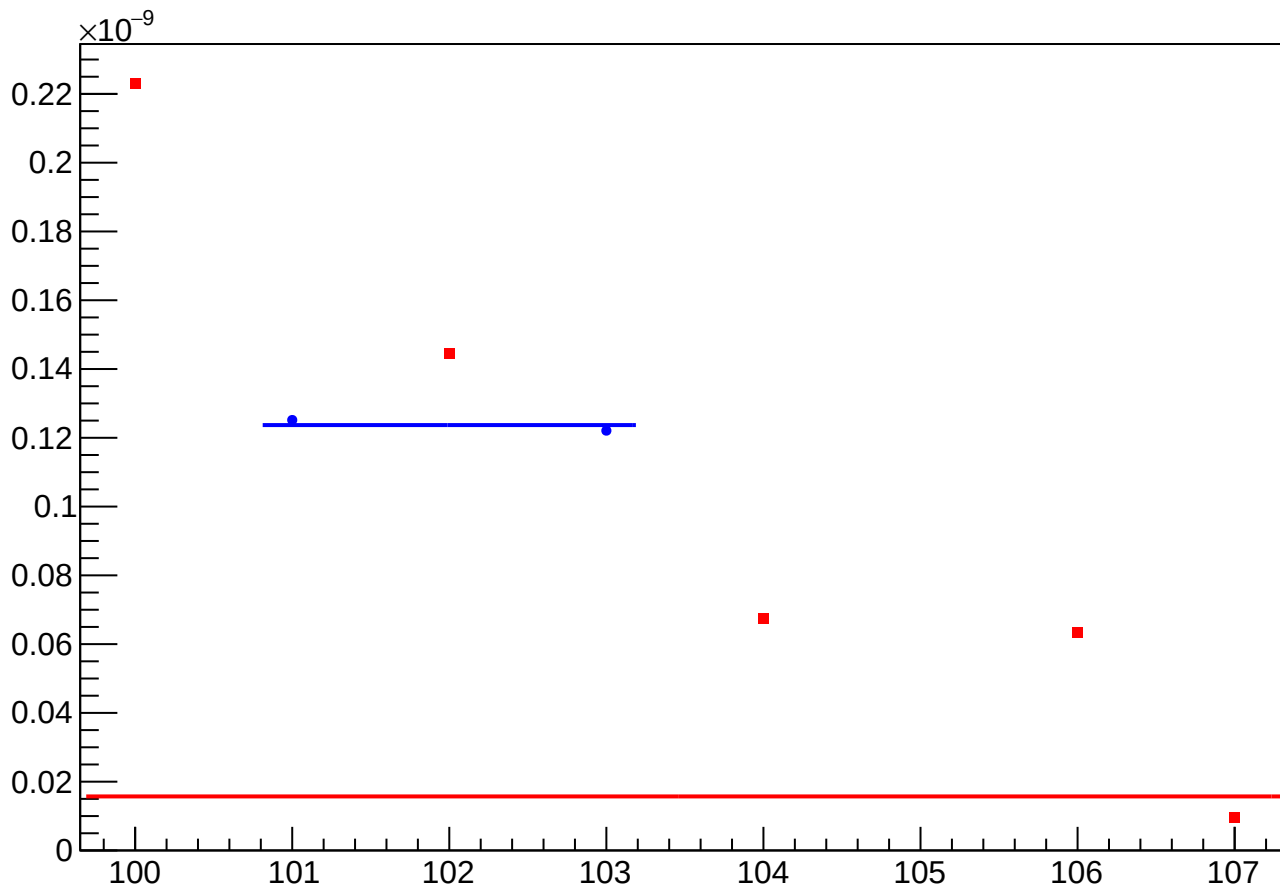
Right: -0.000+/-0.000 χ^2/NDF : 1.8/6

In: -0.000+/-0.000 χ^2/NDF :0.5/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1.8/6

asym_atl1r2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 270.1/1

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

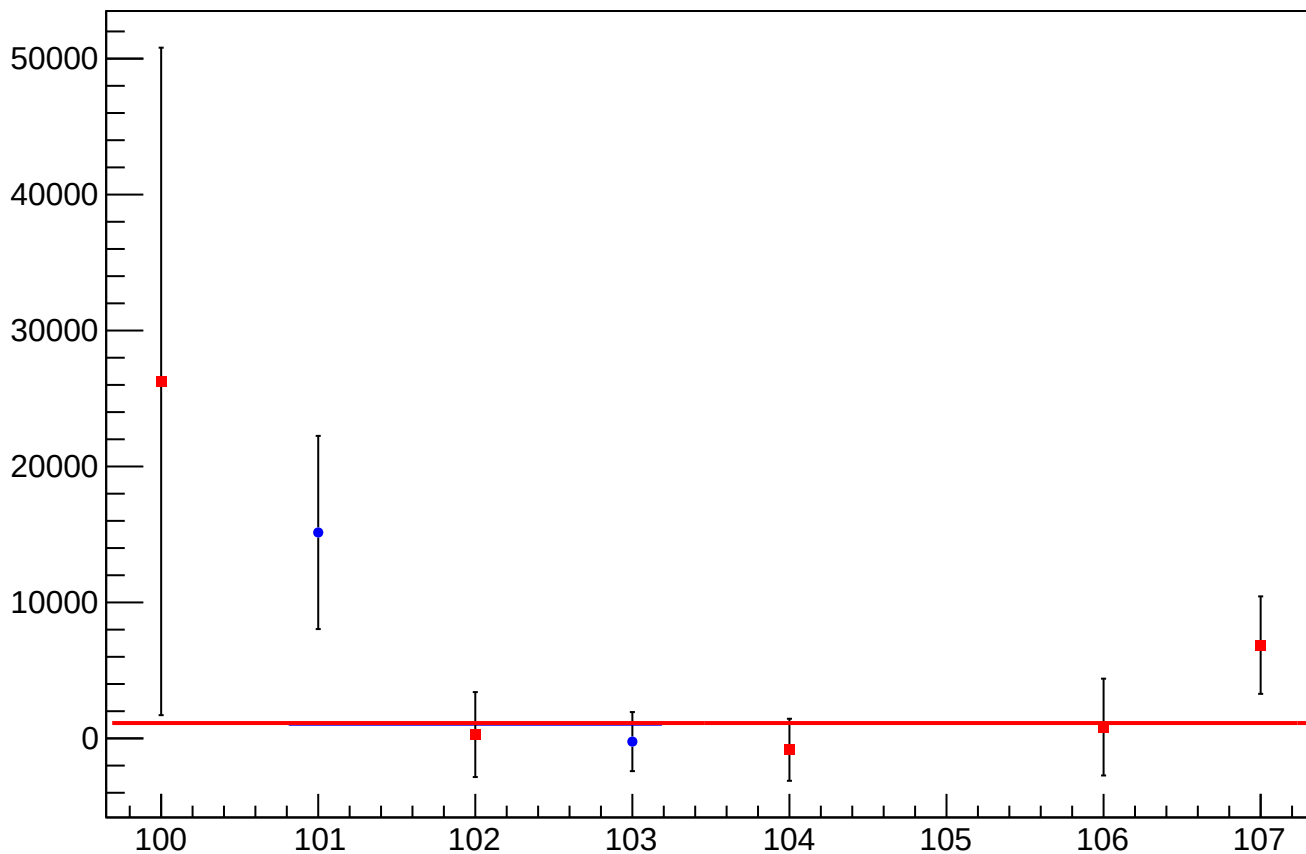
Right: 0.000+/-0.000 χ^2/NDF : 2771428.1/6

In: 0.000+/-0.000 χ^2/NDF : 270.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2771428.1/6

reg_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1079.127+/-2077.725 χ^2/NDF : 4.3/1

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

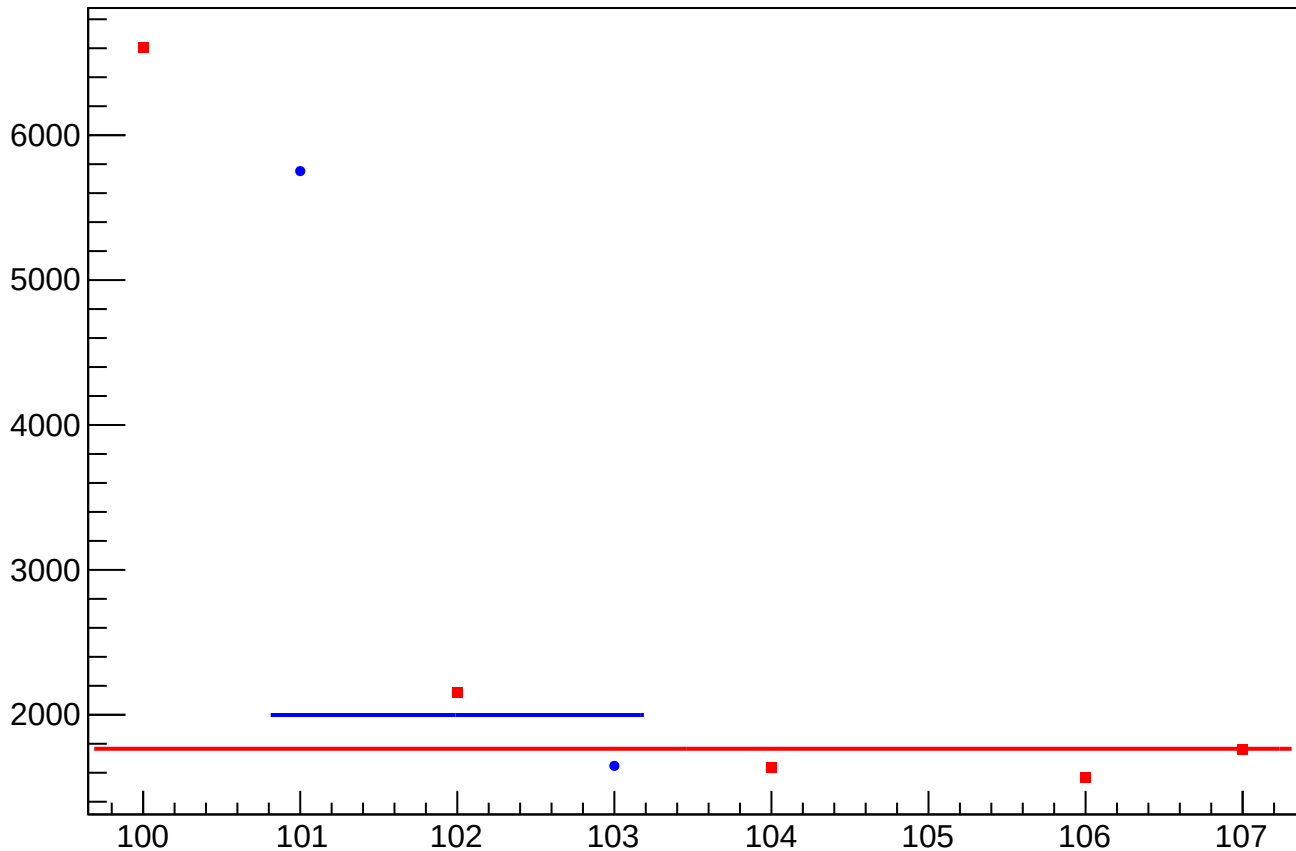
Right: 1111.996+/-1208.788 χ^2/NDF : 8.7/6

In: 1079.127+/-2077.725 χ^2/NDF : 4.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1111.996+/-1208.788 χ^2/NDF : 8.7/6

reg_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1998.428+/-1.469 χ^2/NDF : 610330.1/1

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

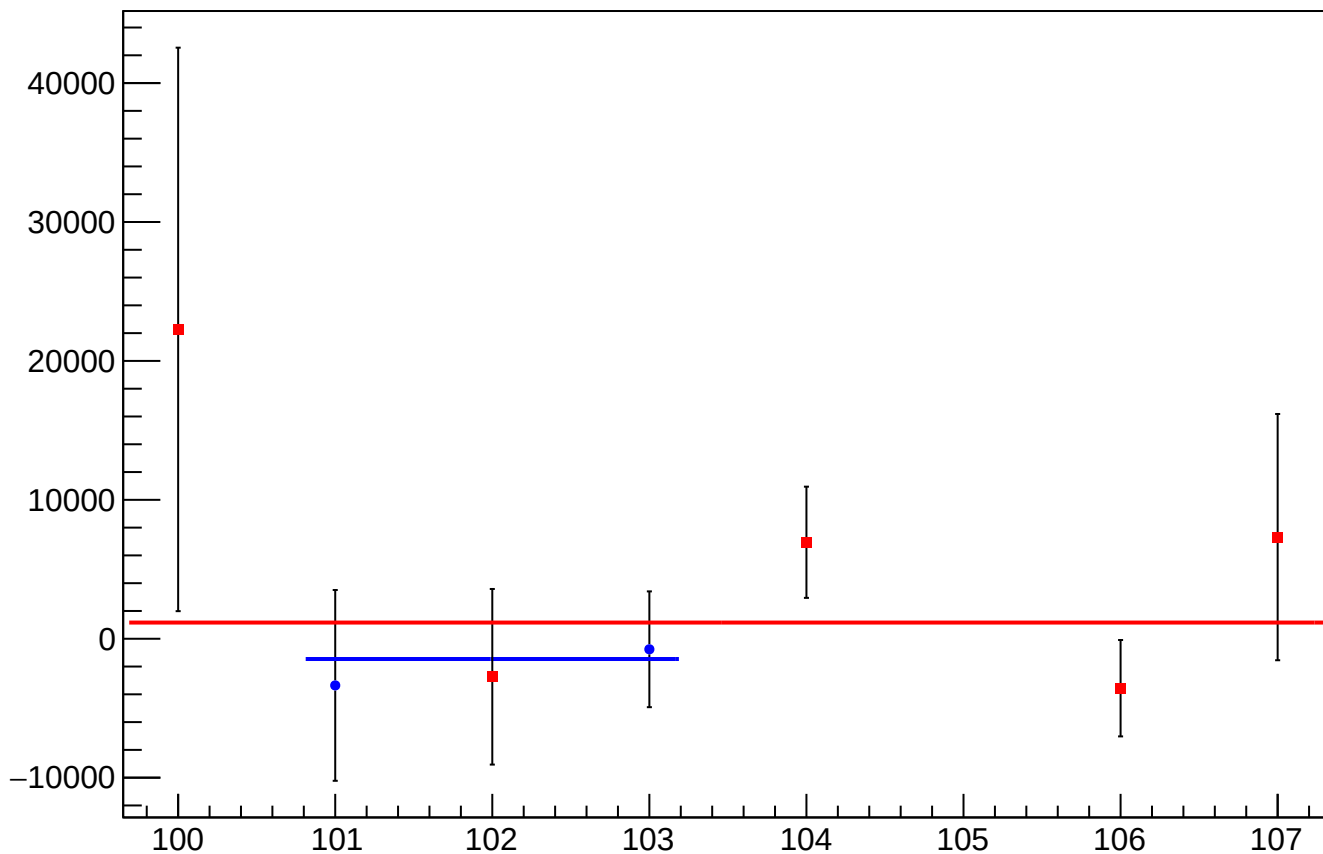
Right: 1840.586+/-0.834 χ^2/NDF : 751644.7/6

In: 1998.428+/-1.469 χ^2/NDF : 610330.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1840.586+/-0.834 χ^2/NDF : 751644.7/6

asym_atr1l2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1457.958+/-3562.734 χ^2/NDF : 0.1/1

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

Right Out: 1165.746+/-2320.724 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

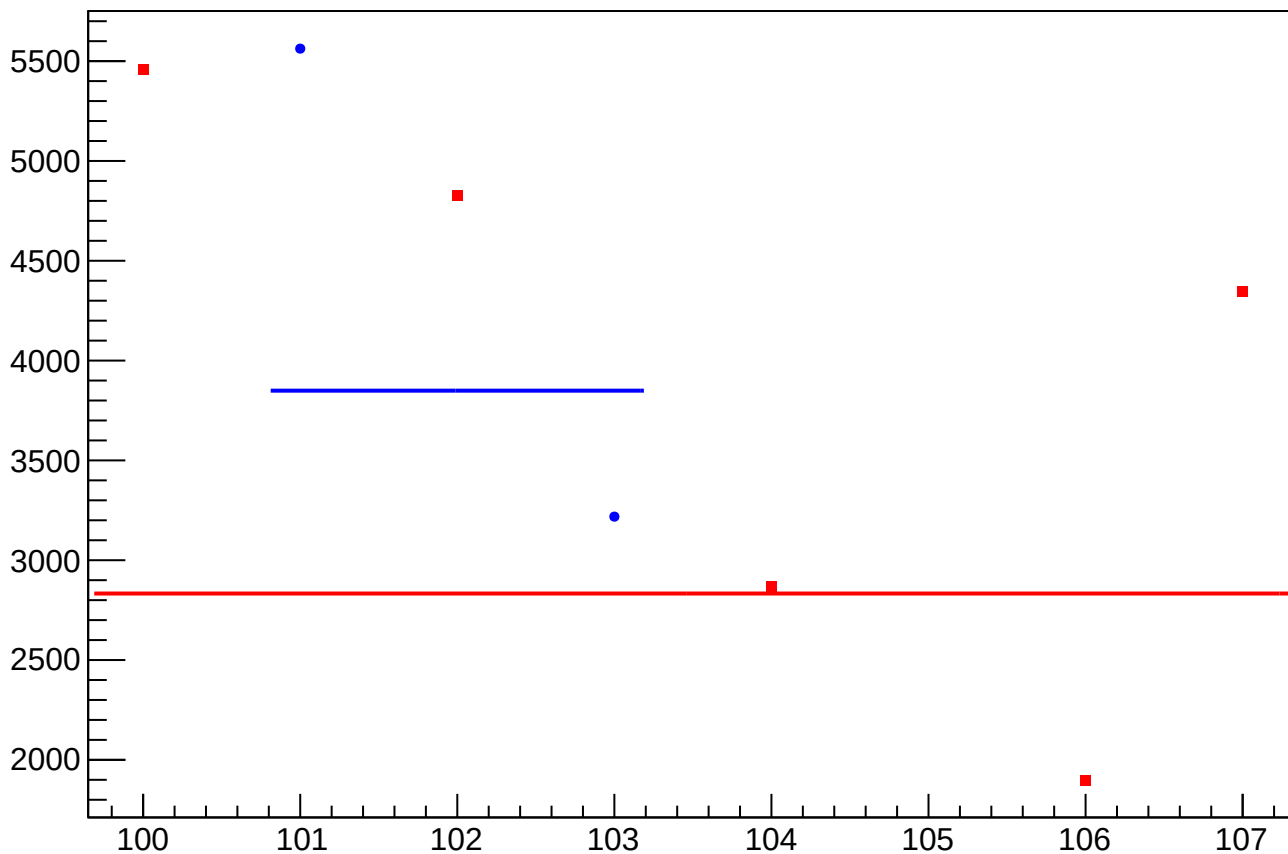
Right: 384.134+/-1944.561 χ^2/NDF : 6.4/6

In: -1457.958+/-3562.734 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 384.134+/-1944.561 χ^2/NDF : 6.4/6

asym_atr1l2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3849.371+/-2.519 χ^2/NDF : 170345.2/1

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

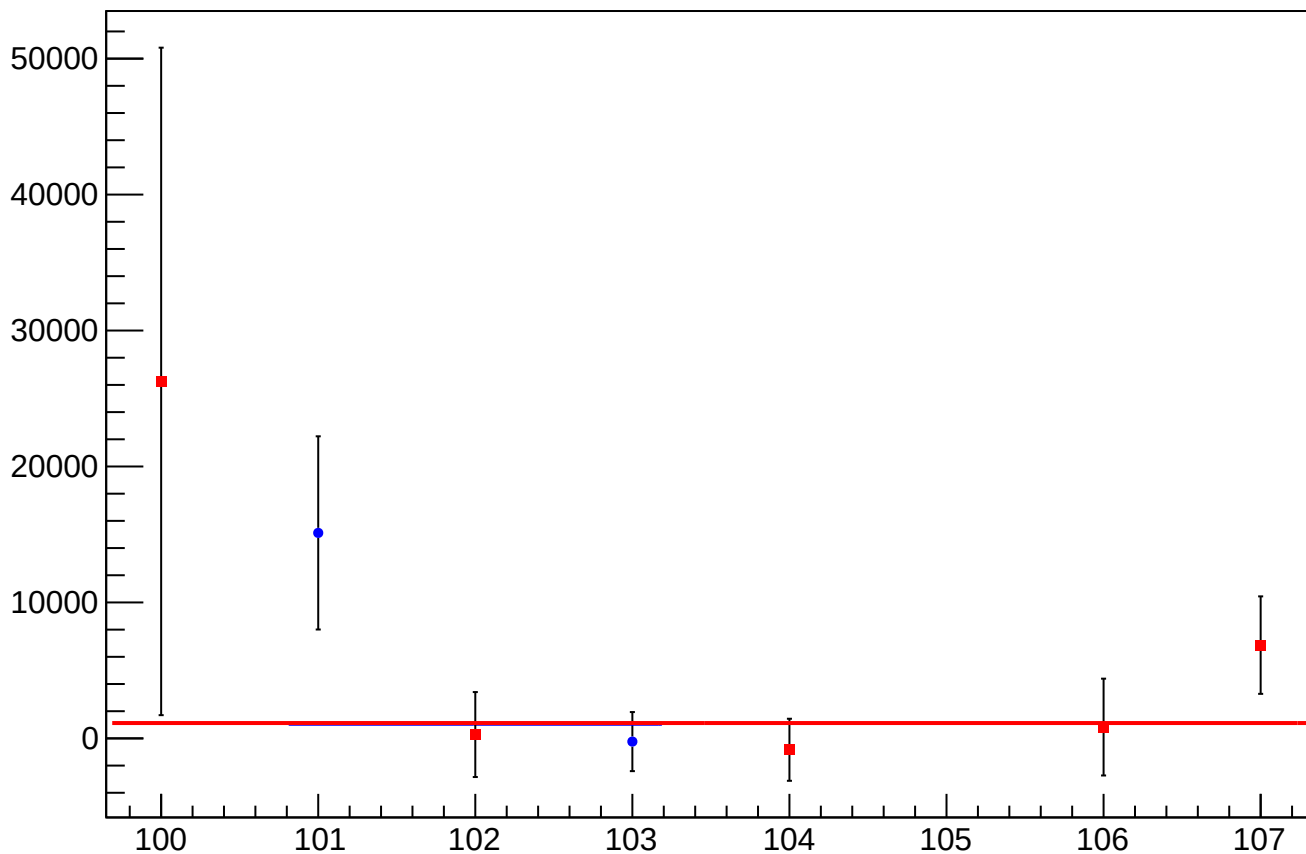
Right: 3135.902+/-1.375 χ^2/NDF : 721089.6/6

In: 3849.371+/-2.519 χ^2/NDF : 170345.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3135.902+/-1.375 χ^2/NDF : 721089.6/6

cor_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1076.571+/-2077.727 χ^2/NDF : 4.3/1

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

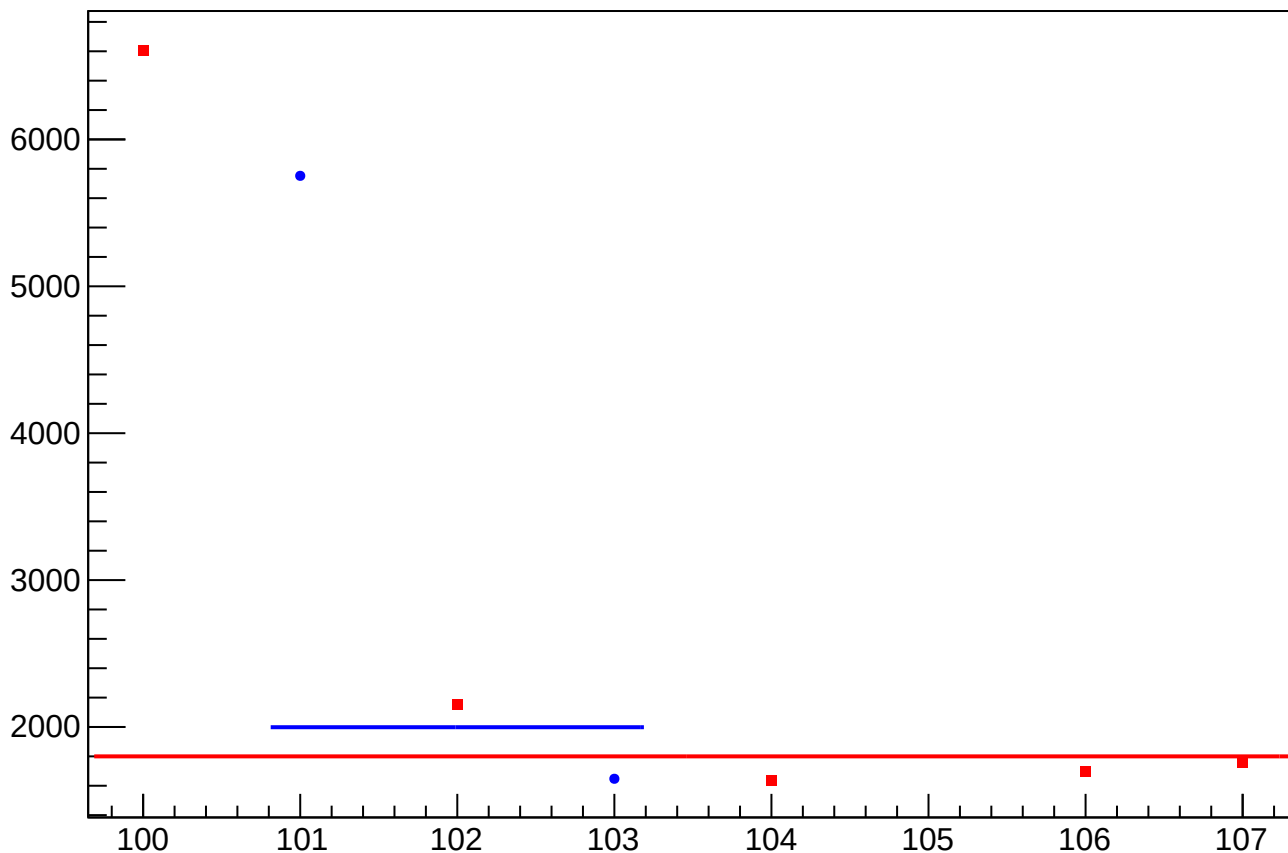
Right: 1111.428+/-1208.788 χ^2/NDF : 8.7/6

In: 1076.571+/-2077.727 χ^2/NDF : 4.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1111.428+/-1208.788 χ^2/NDF : 8.7/6

cor_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1998.425+/-1.469 χ^2/NDF : 610331.0/1

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

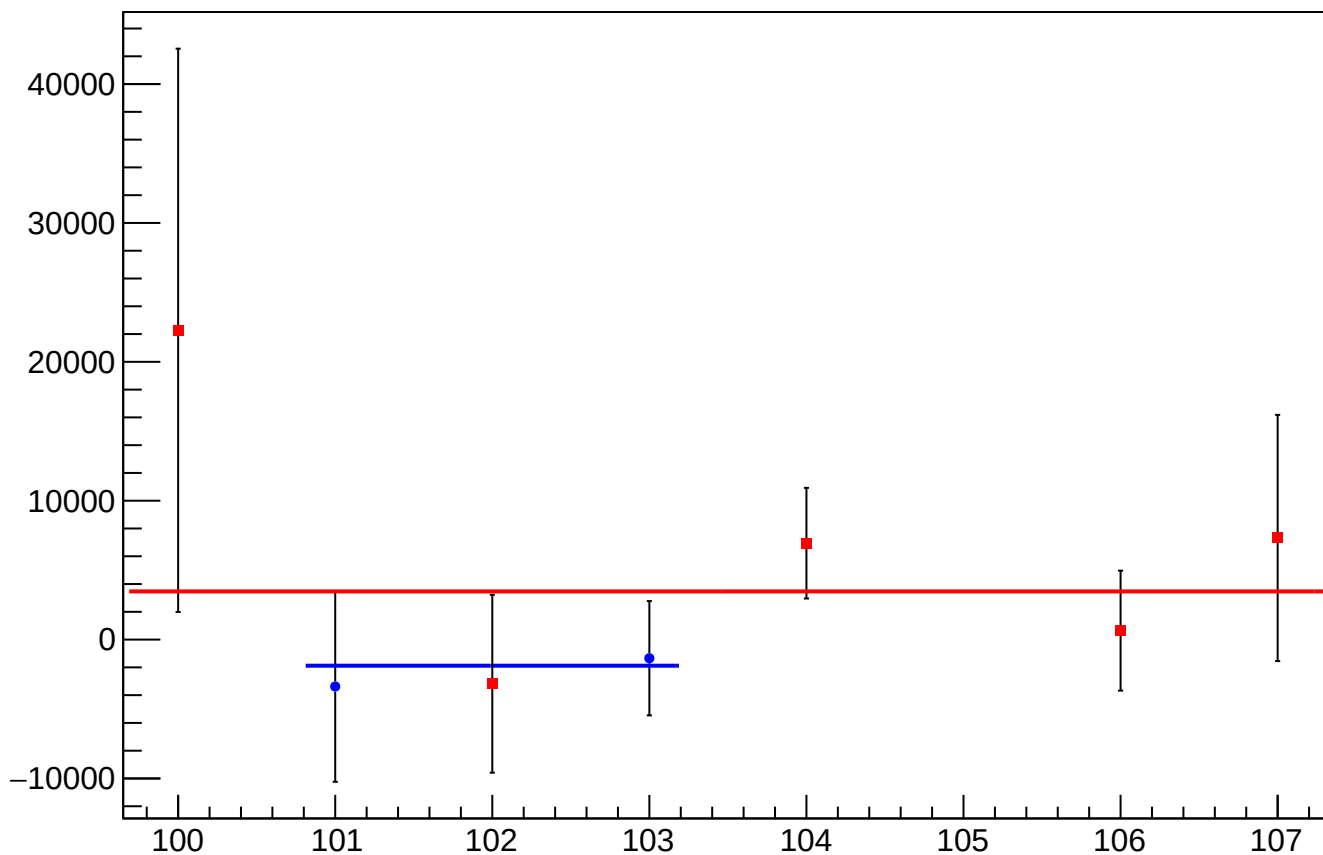
Right: 1865.445+/-0.844 χ^2/NDF : 737643.0/6

In: 1998.425+/-1.469 χ^2/NDF : 610331.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1865.445+/-0.844 χ^2/NDF : 737643.0/6

asym_atr1l2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1879.979+/-3529.362 χ^2/NDF : 0.1/1

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

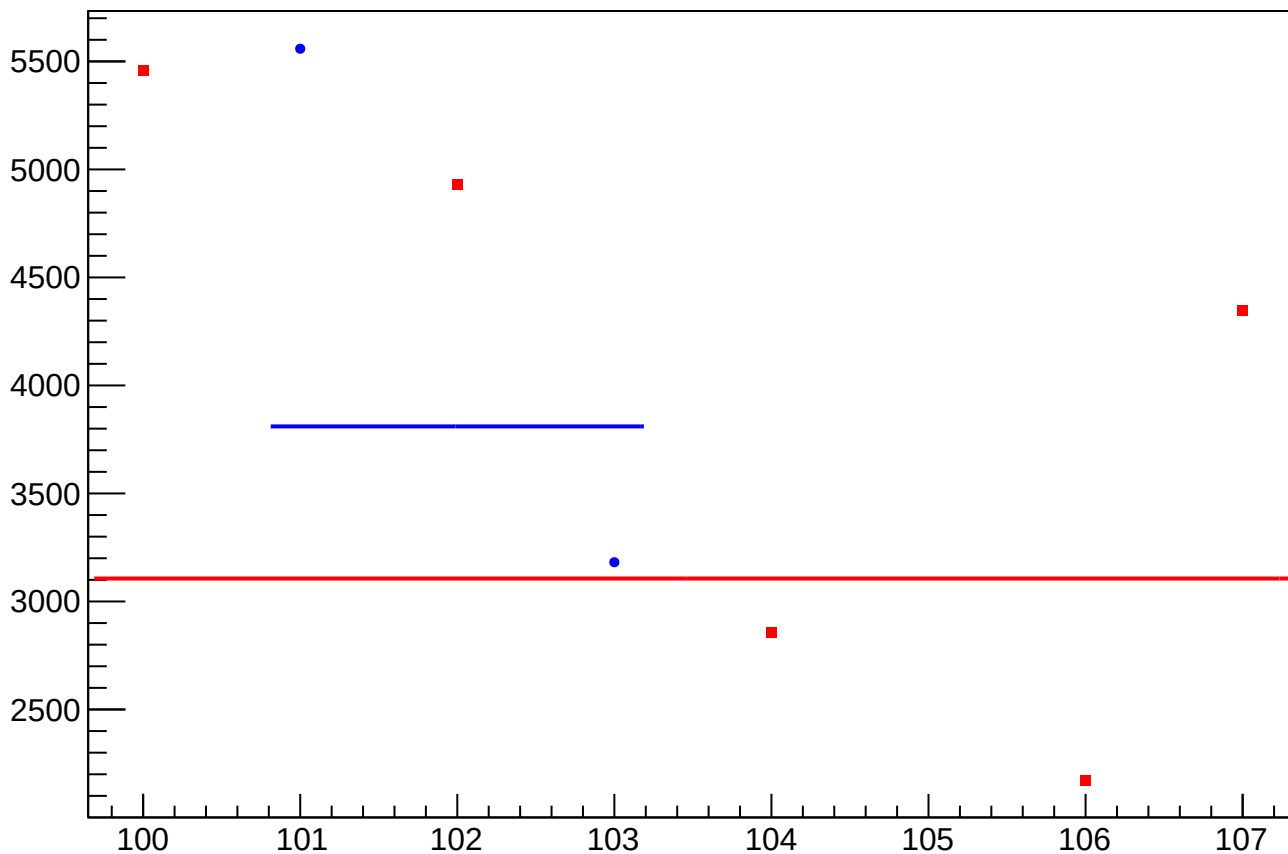
Right: 1654.061+/-2056.550 χ^2/NDF : 4.9/6

In: -1879.979+/-3529.362 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1654.061+/-2056.550 χ^2/NDF : 4.9/6

asym_atr1l2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3810.388+/-2.496 χ^2/NDF : 176518.1/1

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

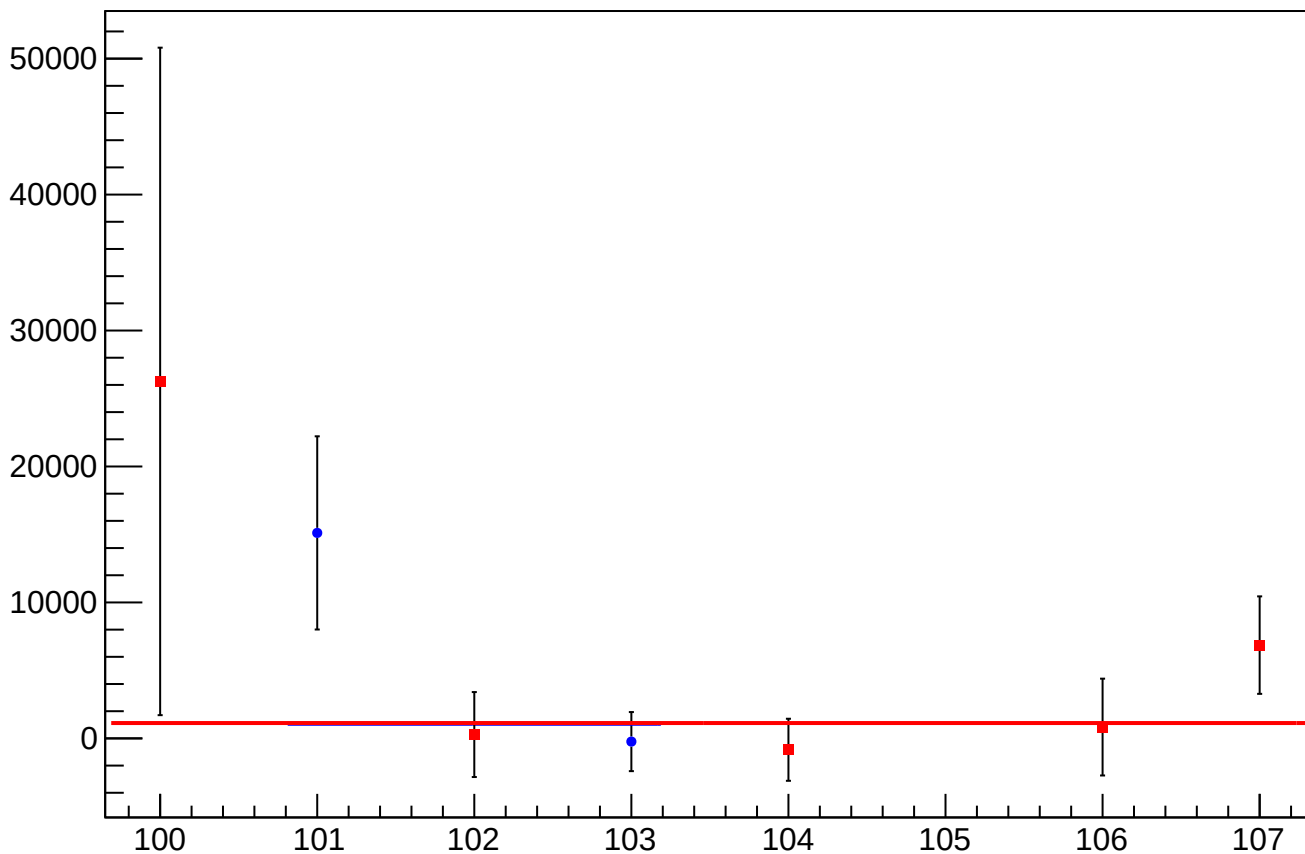
Right: 3345.320+/-1.454 χ^2/NDF : 558329.4/6

In: 3810.388+/-2.496 χ^2/NDF : 176518.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3345.320+/-1.454 χ^2/NDF : 558329.4/6

eigen_cor_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1076.571+/-2077.727 χ^2/NDF : 4.3/1

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

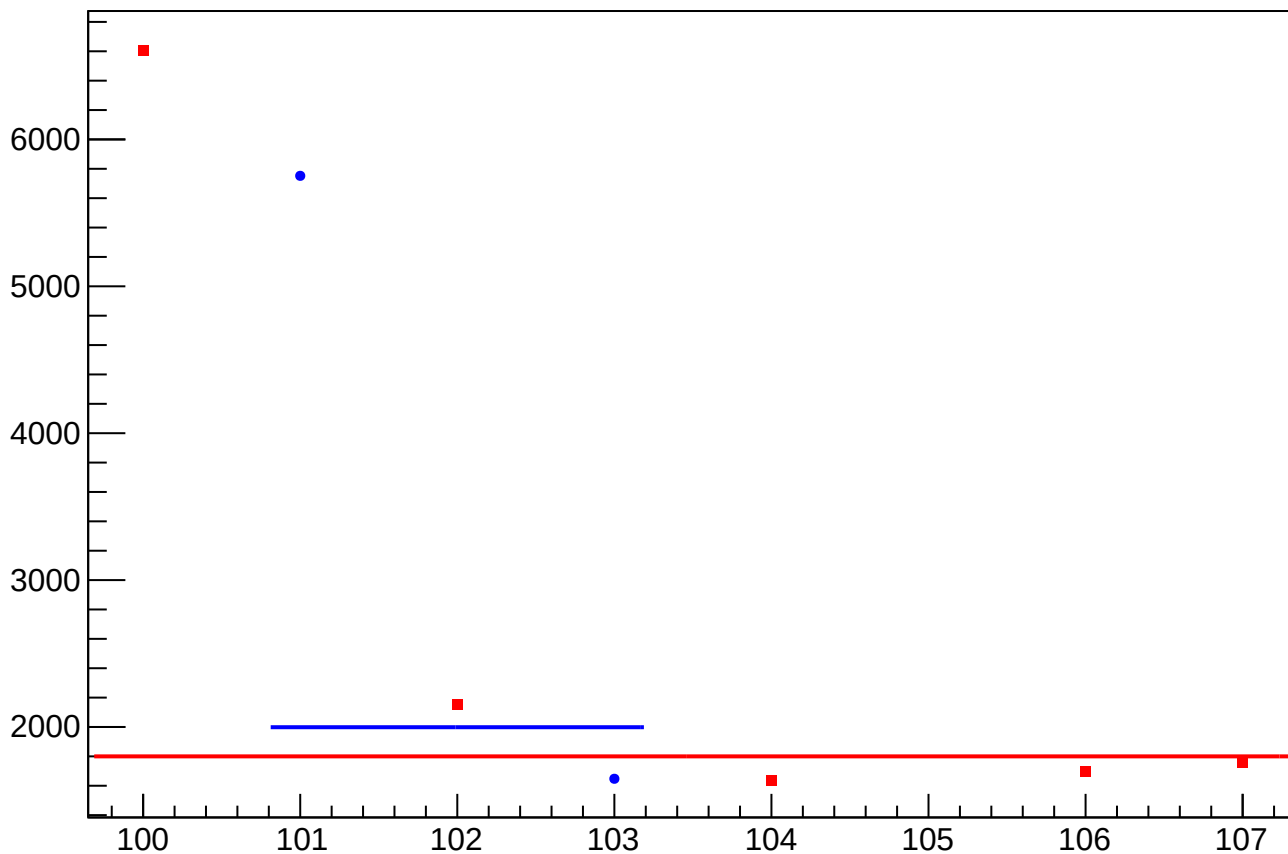
Right: 1111.428+/-1208.788 χ^2/NDF : 8.7/6

In: 1076.571+/-2077.727 χ^2/NDF : 4.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1111.428+/-1208.788 χ^2/NDF : 8.7/6

eigen_cor_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1998.425+/-1.469 χ^2/NDF : 610331.0/1

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

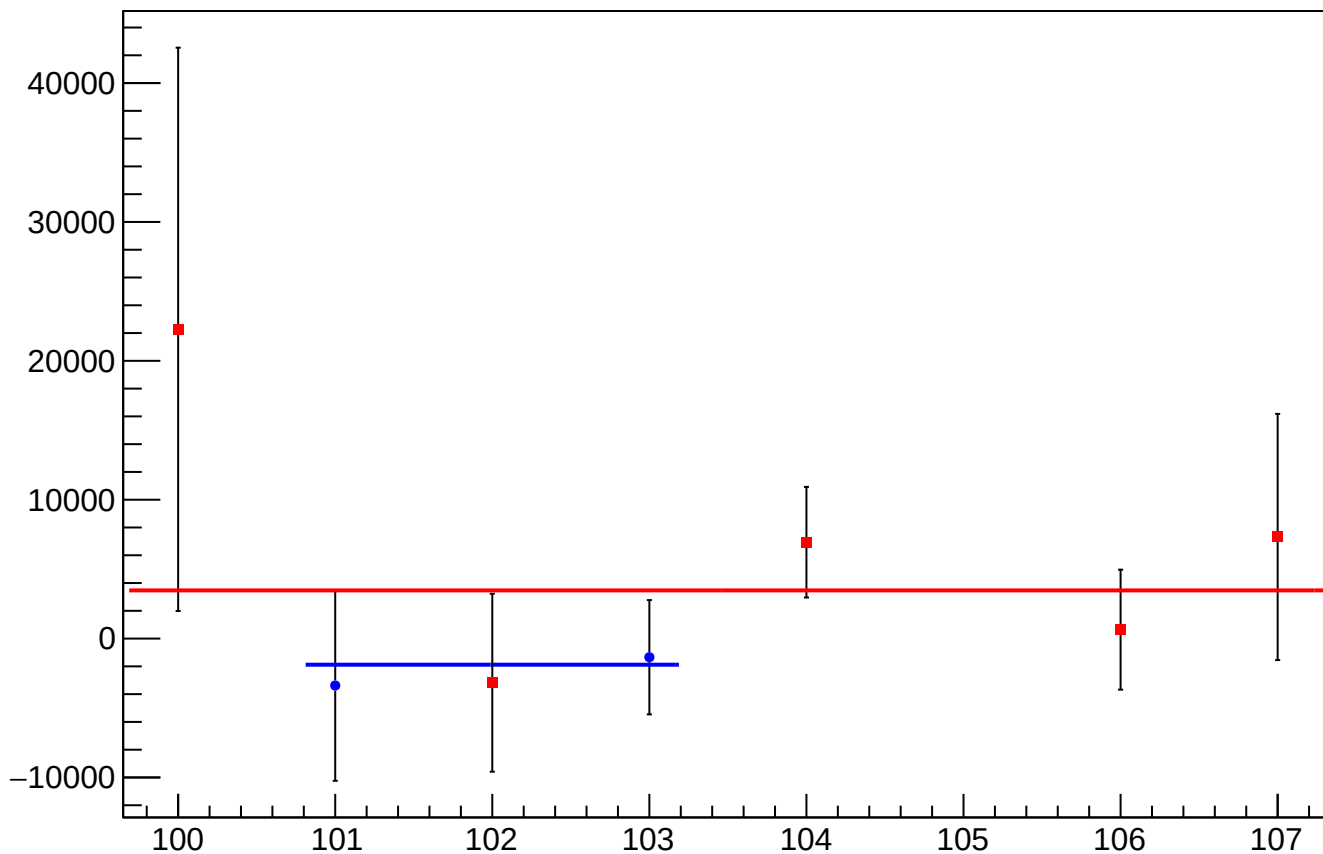
Right: 1865.445+/-0.844 χ^2/NDF : 737643.0/6

In: 1998.425+/-1.469 χ^2/NDF : 610331.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1865.445+/-0.844 χ^2/NDF : 737643.0/6

asym_atr1l2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1879.979+/-3529.362 χ^2/NDF : 0.1/1

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

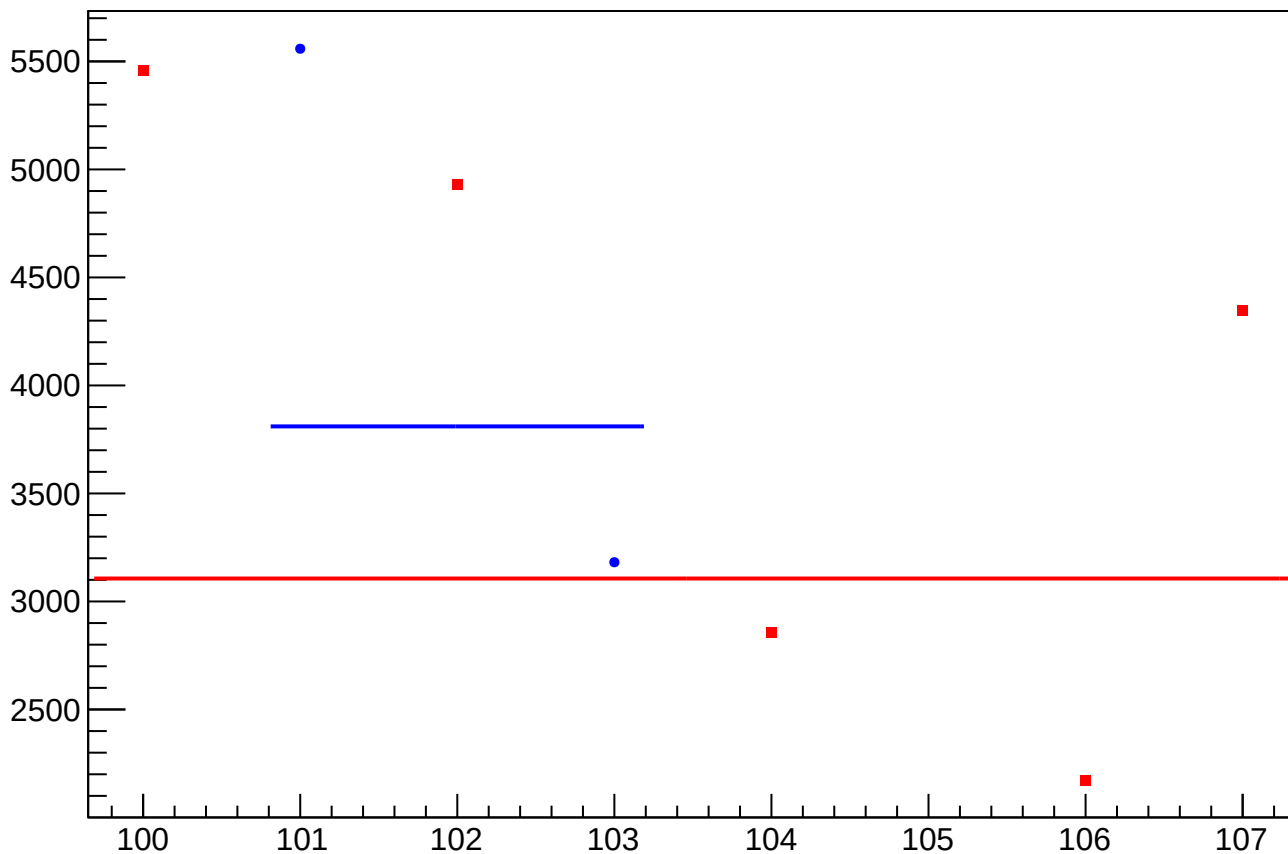
Right: 1654.061+/-2056.550 χ^2/NDF : 4.9/6

In: -1879.979+/-3529.362 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1654.061+/-2056.550 χ^2/NDF : 4.9/6

asym_atr1l2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3810.388+/-2.496 χ^2/NDF : 176518.1/1

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

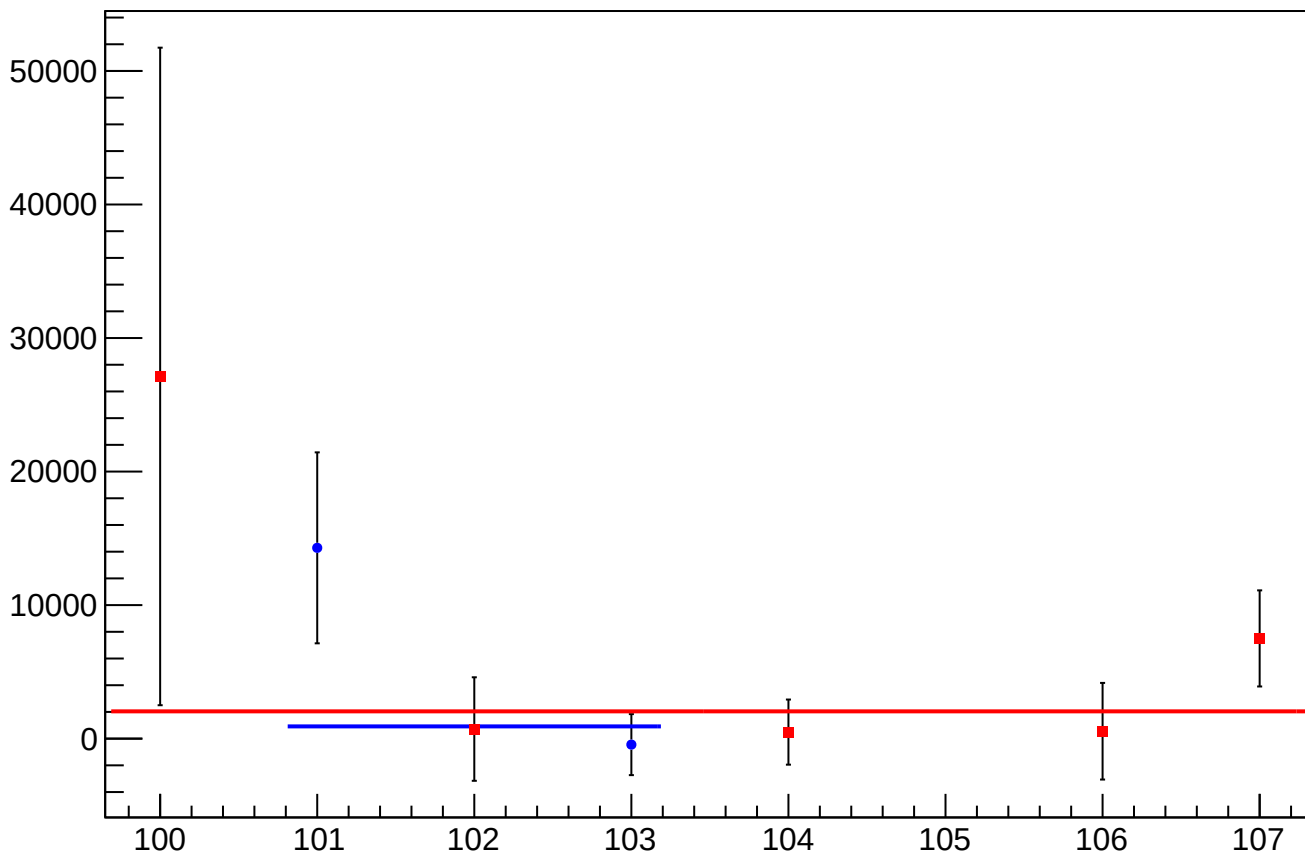
Right: 3345.320+/-1.454 χ^2/NDF : 558329.4/6

In: 3810.388+/-2.496 χ^2/NDF : 176518.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3345.320+/-1.454 χ^2/NDF : 558329.4/6

dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 916.708+/-2176.070 χ^2/NDF : 3.9/1

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

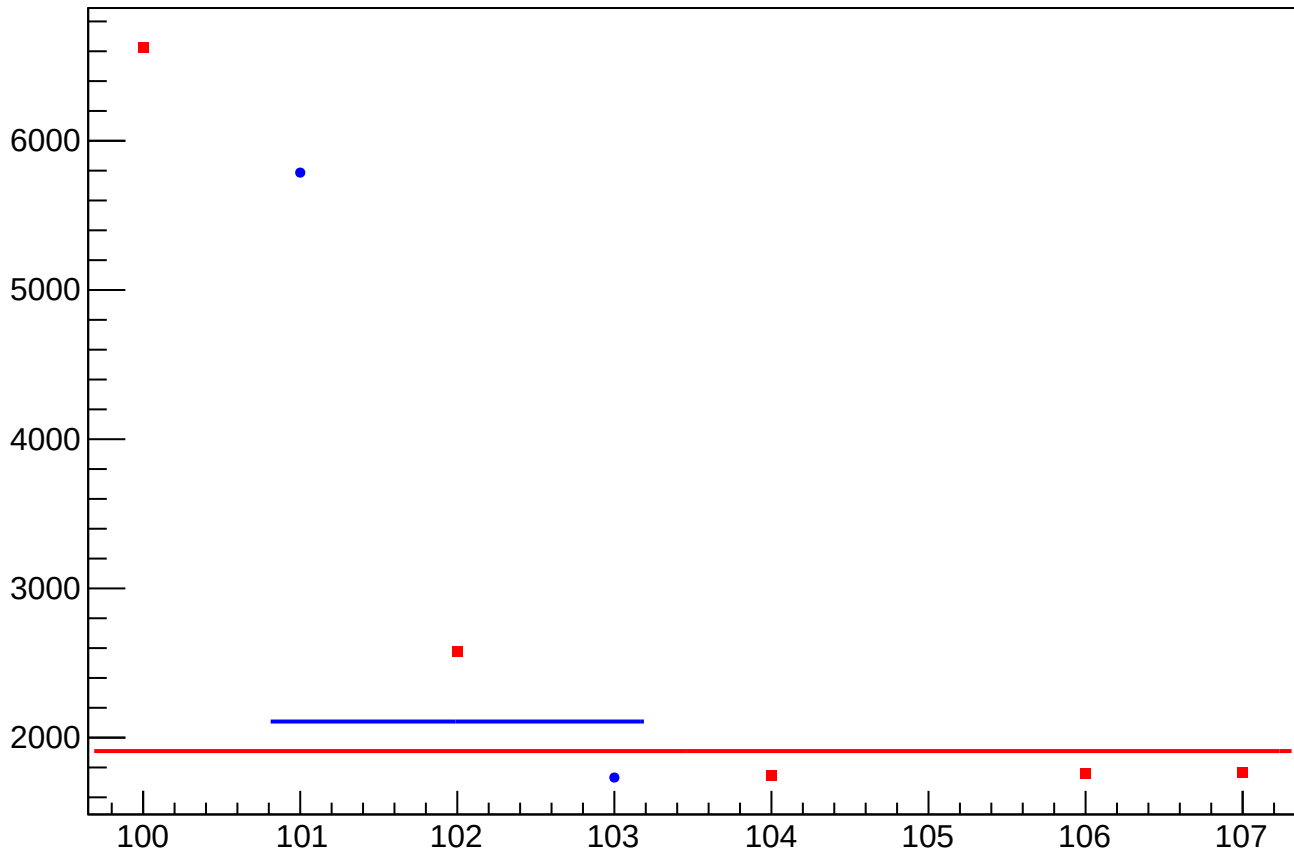
Right: 1647.294+/-1289.787 χ^2/NDF : 8.1/6

In: 916.708+/-2176.070 χ^2/NDF : 3.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1647.294+/-1289.787 χ^2/NDF : 8.1/6

dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 2107.964+/-1.539 χ^2/NDF : 583498.4/1

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

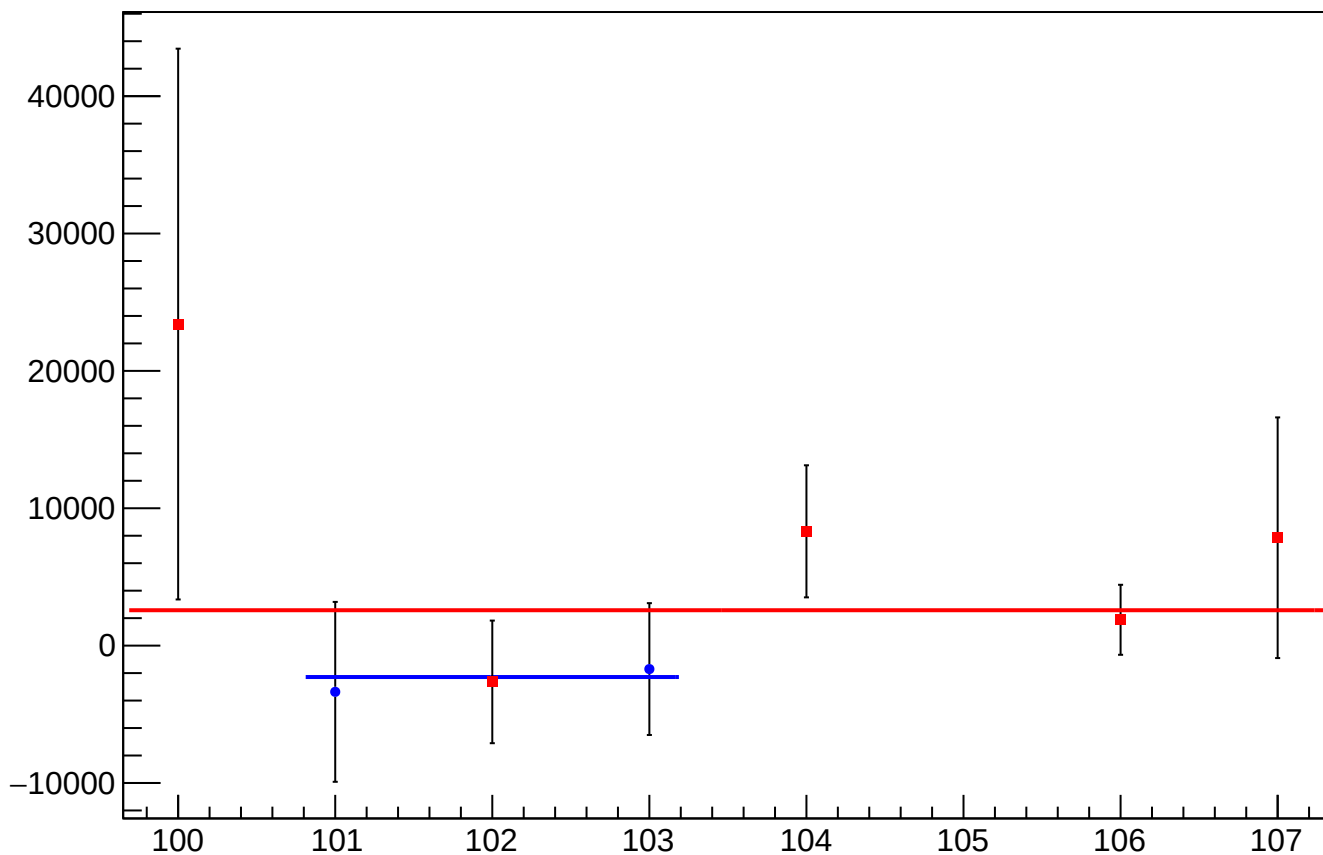
Right: 1978.139+/-0.903 χ^2/NDF : 742793.7/6

In: 2107.964+/-1.539 χ^2/NDF : 583498.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1978.139+/-0.903 χ^2/NDF : 742793.7/6

asym_atr1l2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -2286.359+/-3870.537 χ^2/NDF : 0.0/1

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

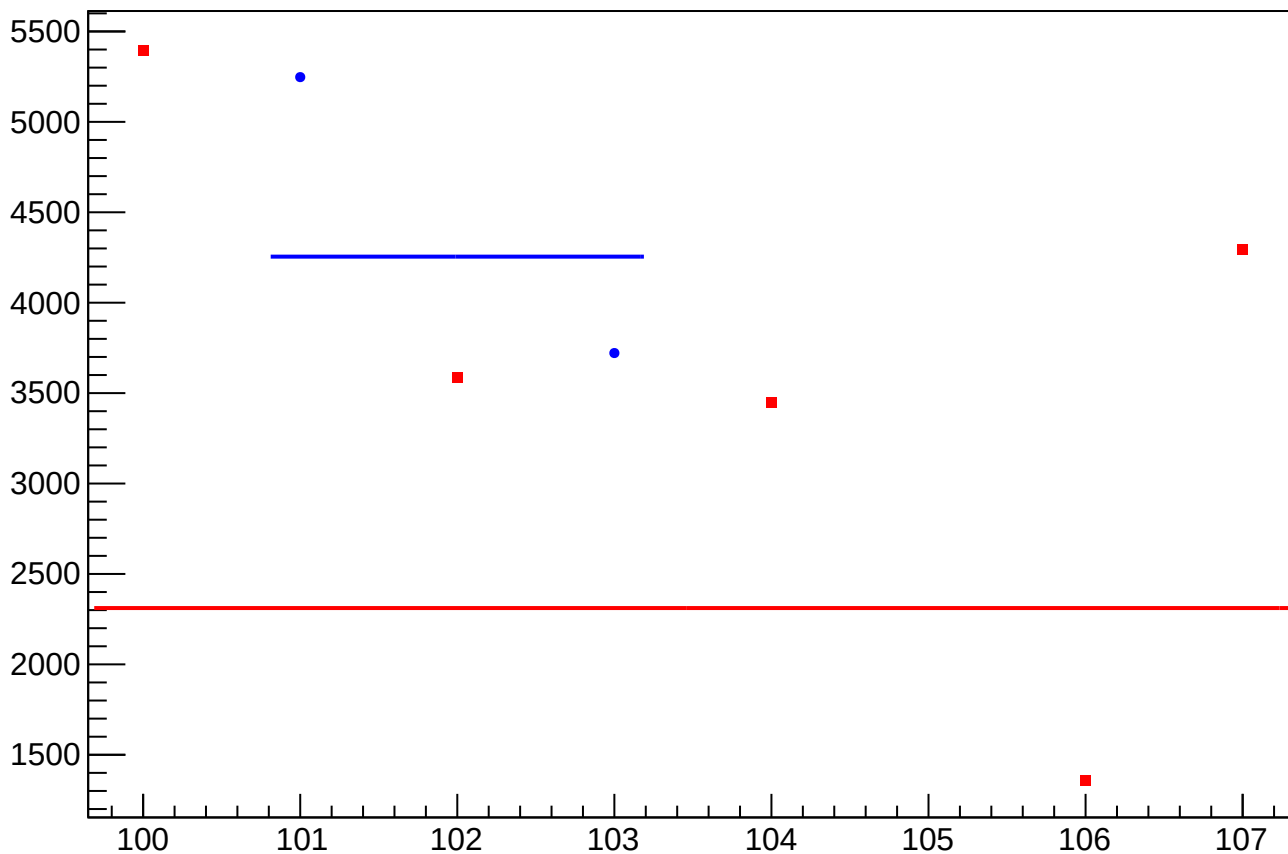
Right: 1591.753+/-1741.485 χ^2/NDF : 5.6/6

In: -2286.359+/-3870.537 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1591.753+/-1741.485 χ^2/NDF : 5.6/6

asym_atr1l2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4254.736+/-2.737 χ^2/NDF : 70656.7/1

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

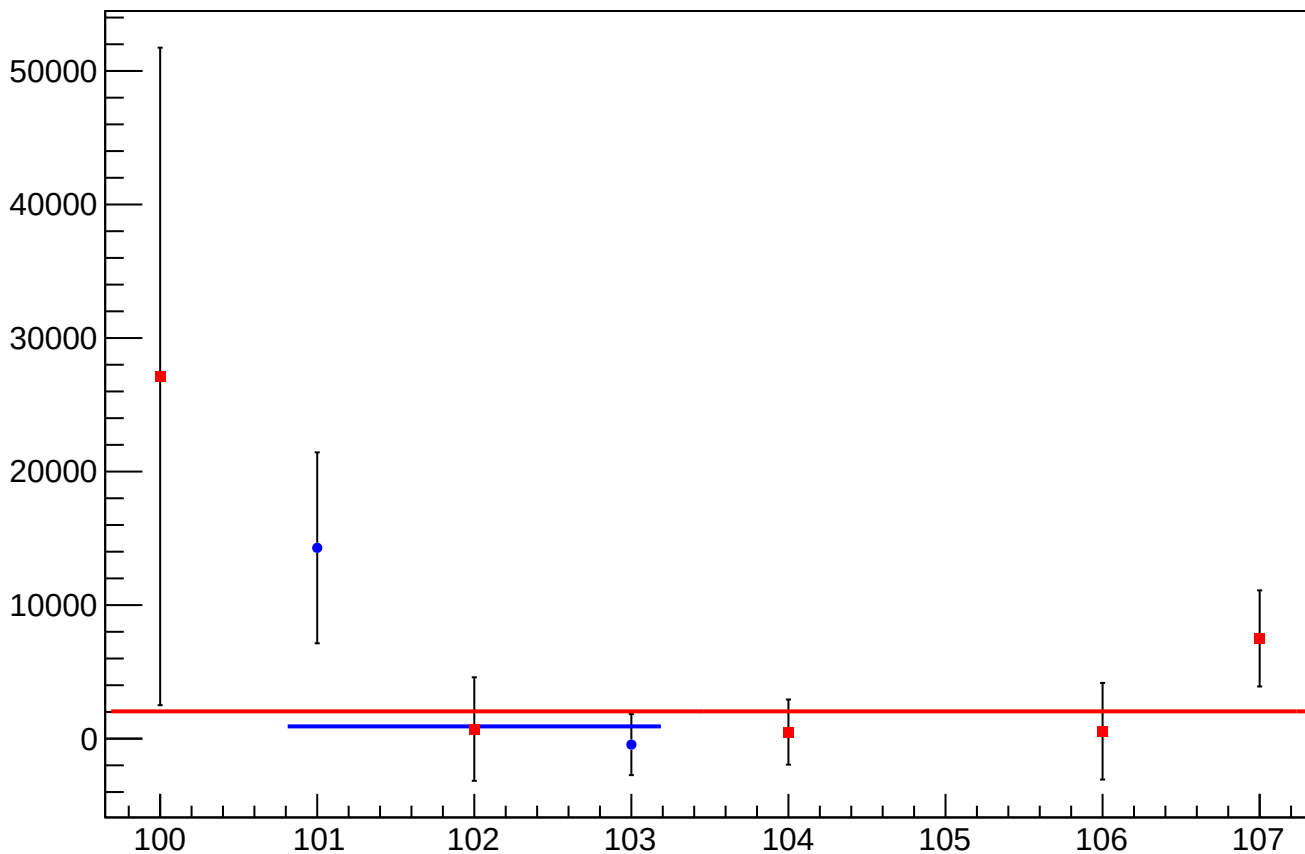
Right: 2704.828+/-1.231 χ^2/NDF : 1178253.9/6

In: 4254.736+/-2.737 χ^2/NDF : 70656.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2704.828+/-1.231 χ^2/NDF : 1178253.9/6

eigen_dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 916.709+/-2176.069 χ^2/NDF : 3.9/1

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

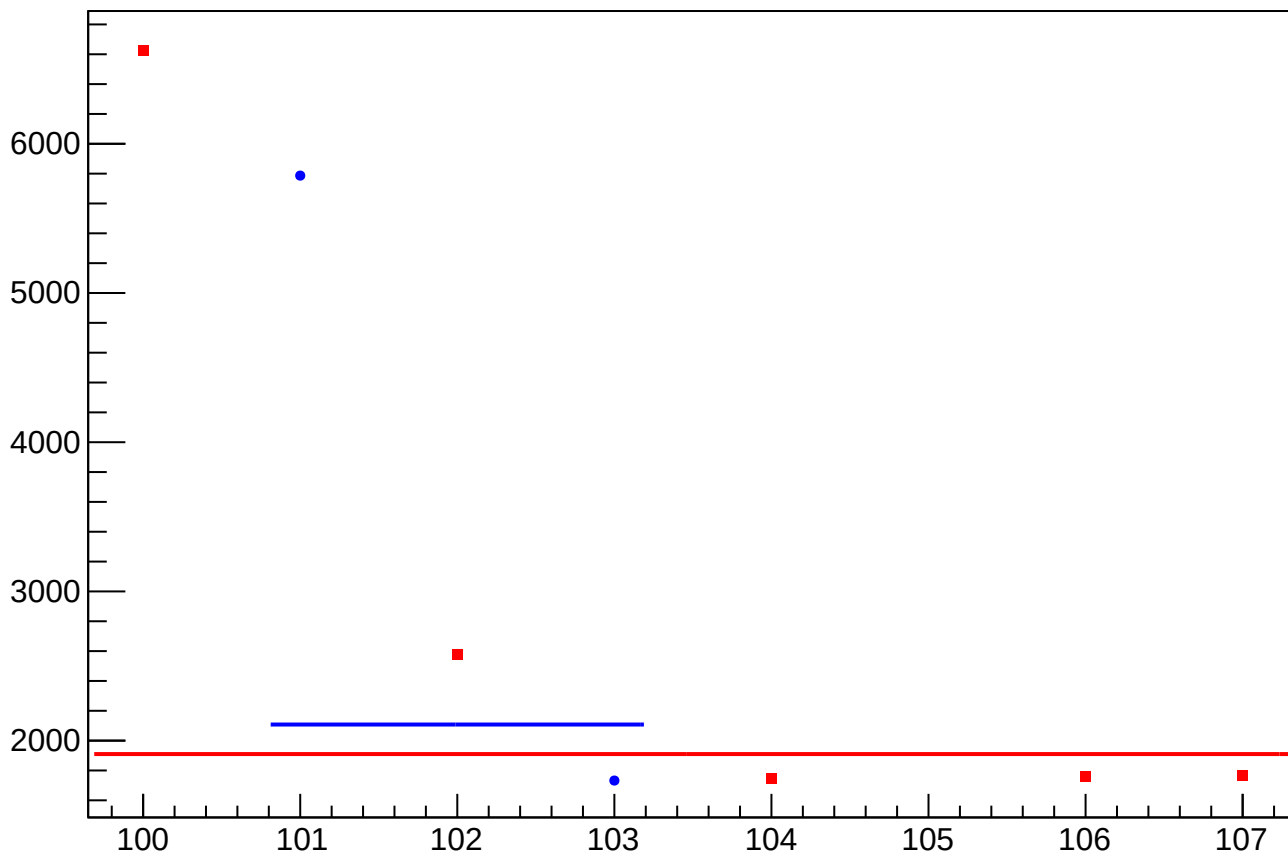
Right: 1647.291+/-1289.787 χ^2/NDF : 8.1/6

In: 916.709+/-2176.069 χ^2/NDF : 3.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1647.291+/-1289.787 χ^2/NDF : 8.1/6

eigen_dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 2107.963+/-1.539 χ^2/NDF : 583498.7/1

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

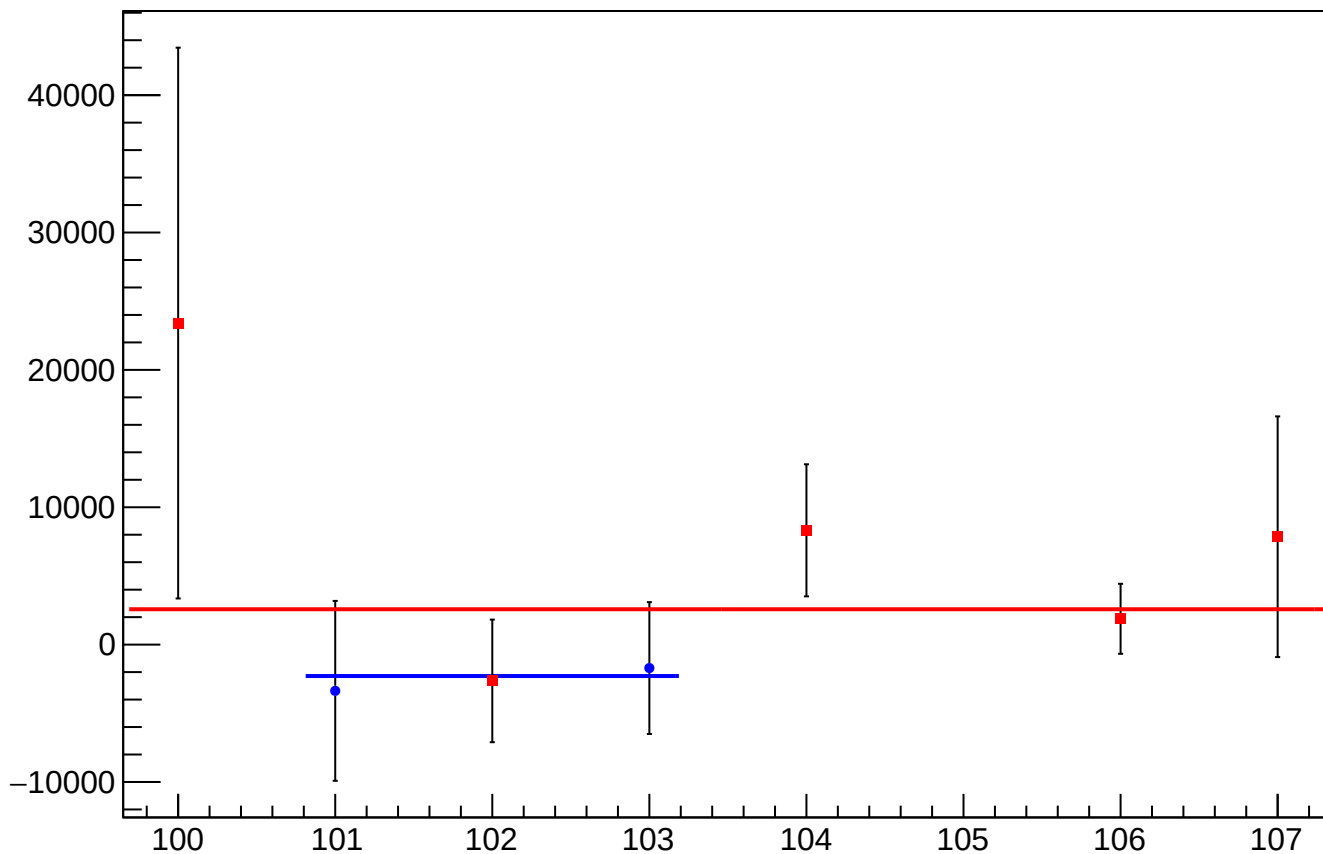
Right: 1978.138+/-0.903 χ^2/NDF : 742793.9/6

In: 2107.963+/-1.539 χ^2/NDF : 583498.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1978.138+/-0.903 χ^2/NDF : 742793.9/6

asym_atr1l2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -2286.358+/-3870.533 χ^2/NDF : 0.0/1

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

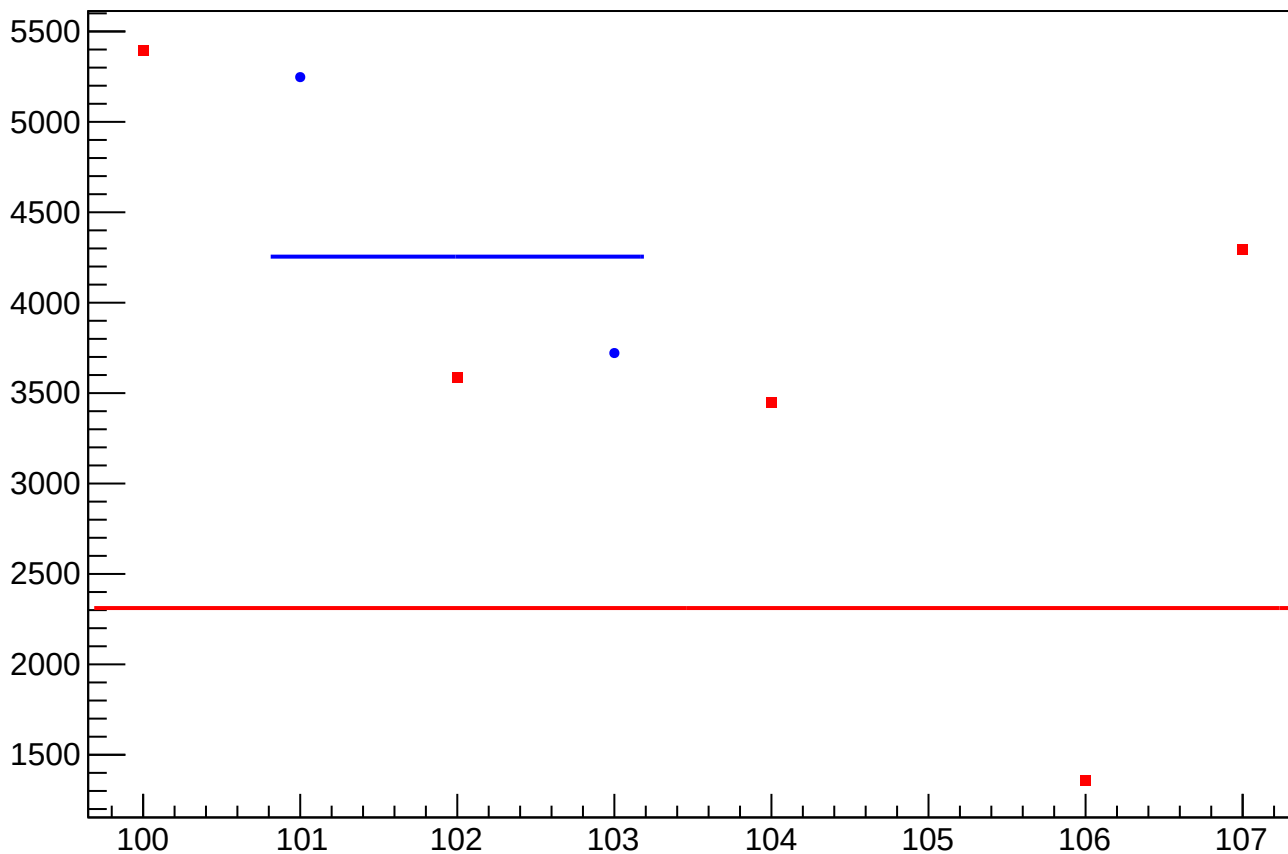
Right: 1591.747+/-1741.478 χ^2/NDF : 5.6/6

In: -2286.358+/-3870.533 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1591.747+/-1741.478 χ^2/NDF : 5.6/6

asym_atr1l2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4254.733+/-2.737 χ^2/NDF : 70656.3/1

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

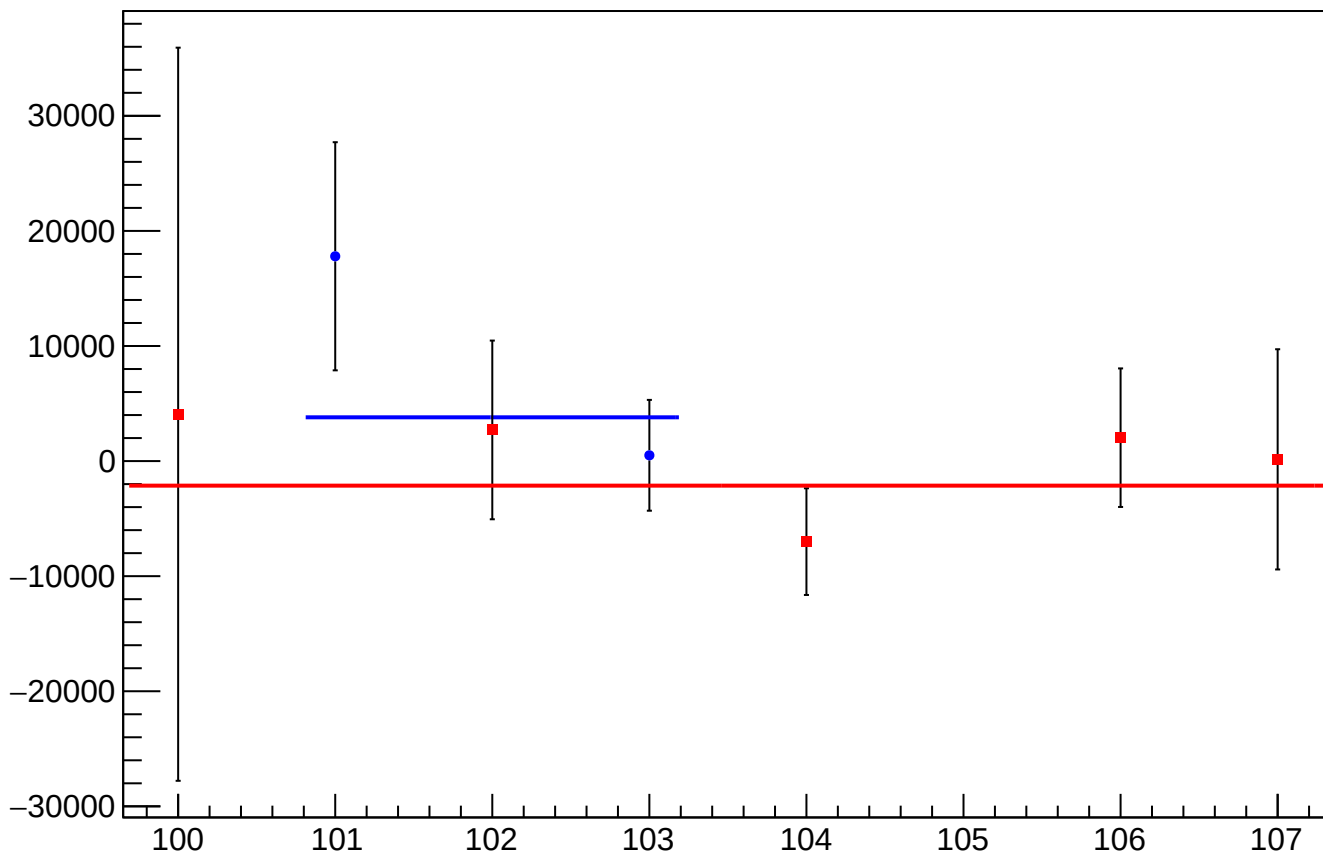
Right: 2704.812+/-1.231 χ^2/NDF : 1178271.2/6

In: 4254.733+/-2.737 χ^2/NDF : 70656.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2704.812+/-1.231 χ^2/NDF : 1178271.2/6

asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 3803.360+/-4330.593 χ^2/NDF : 2.5/1

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

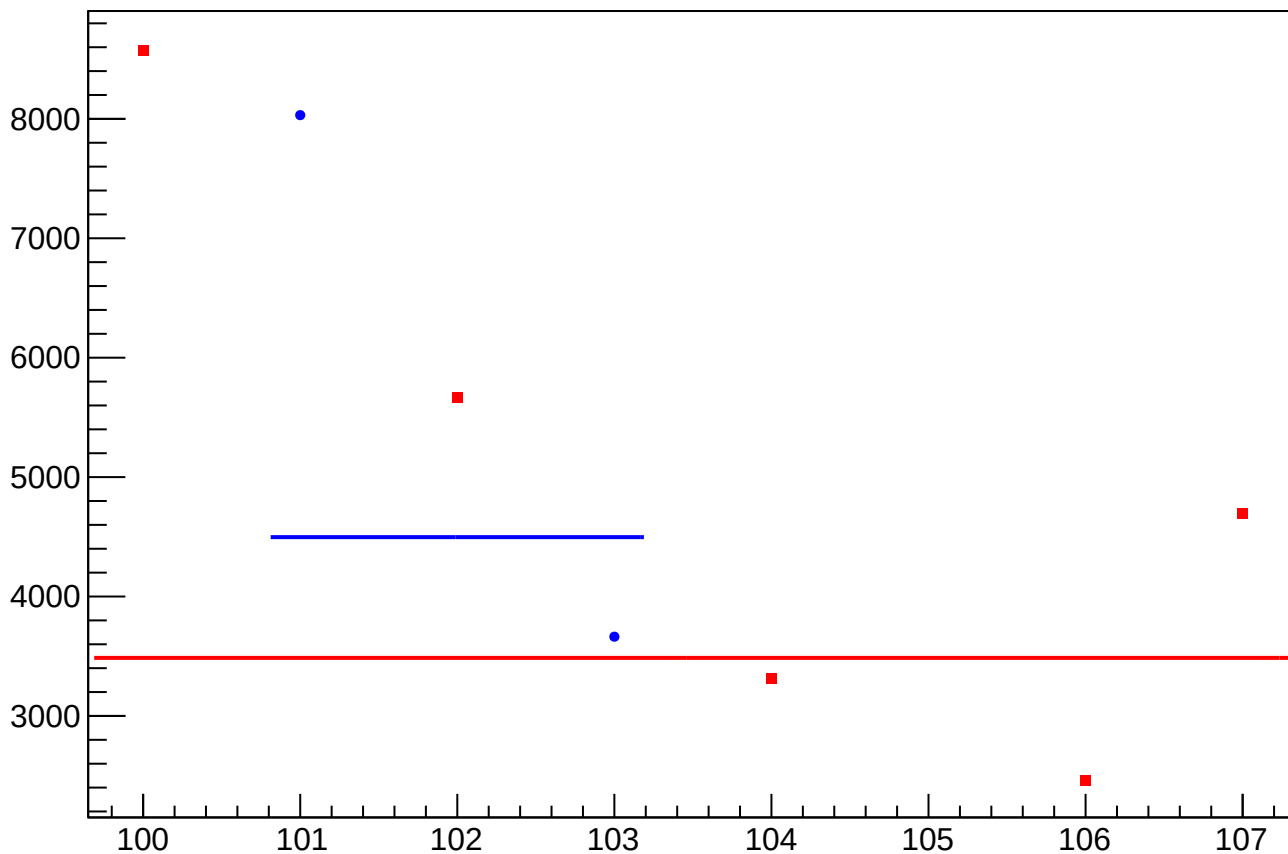
Right: -104.118+/-2532.209 χ^2/NDF : 5.8/6

In: 3803.360+/-4330.593 χ^2/NDF :2.5/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -104.118+/-2532.209 χ^2/NDF : 5.8/6

asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 4497.319+/-3.062 χ^2/NDF : 314195.4/1

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

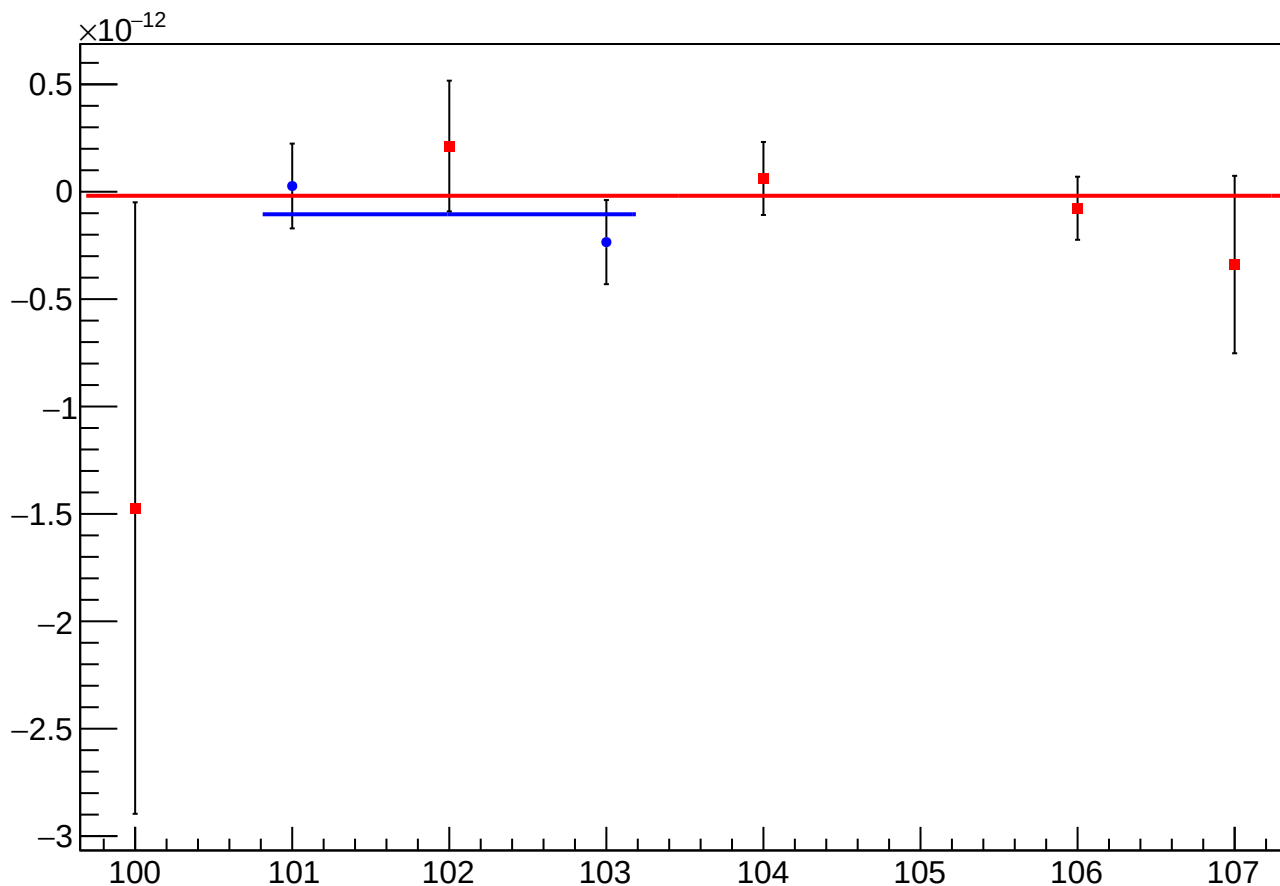
Right: 3797.015+/-1.698 χ^2/NDF : 727570.6/6

In: 4497.319+/-3.062 χ^2/NDF : 314195.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3797.015+/-1.698 χ^2/NDF : 727570.6/6

asym_atr1l2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.9/1

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

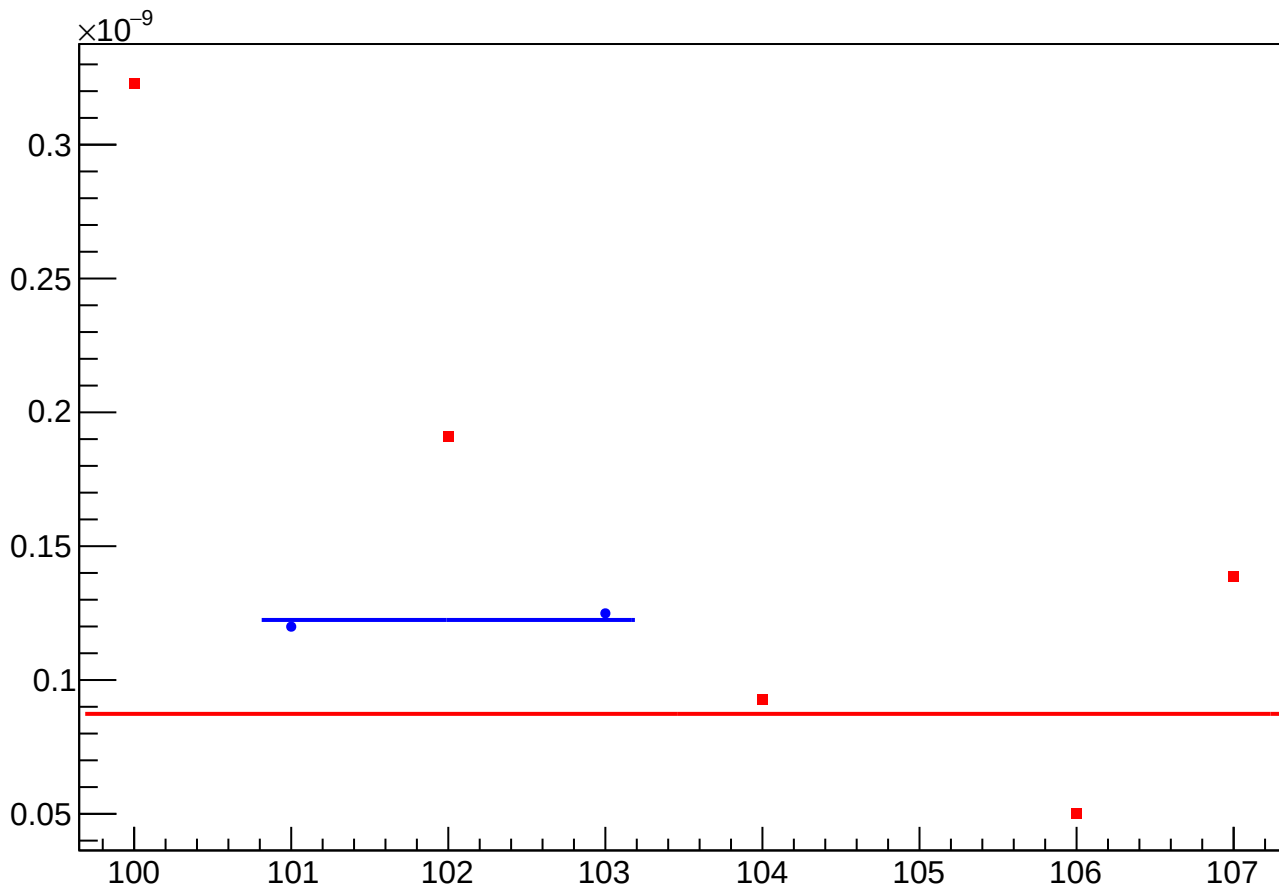
Right: -0.000+/-0.000 χ^2 /NDF: 3.7/6

In: -0.000+/-0.000 χ^2 /NDF:0.9/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 3.7/6

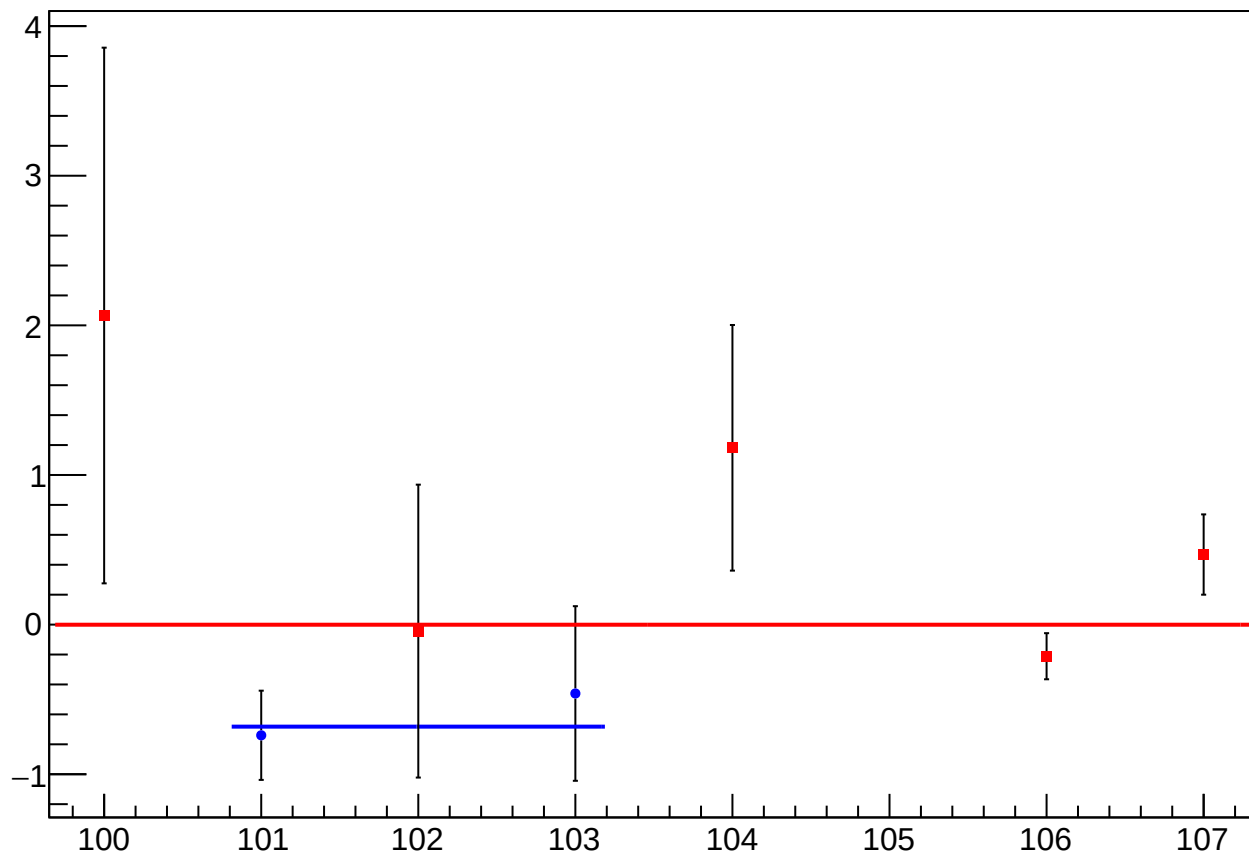
asym_atr1l2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 641.7/1
 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 : 532279.5/6
 In: 0.000+/-0.000 χ^2/NDF : 641.7/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 532279.5/6

asym_atr1l2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.682 ± 0.265 $\chi^2/\text{NDF}: 0.2/1$

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

Right Out: -0.001 ± 0.130 $\chi^2/\text{NDF}: 8.3/4$

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

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

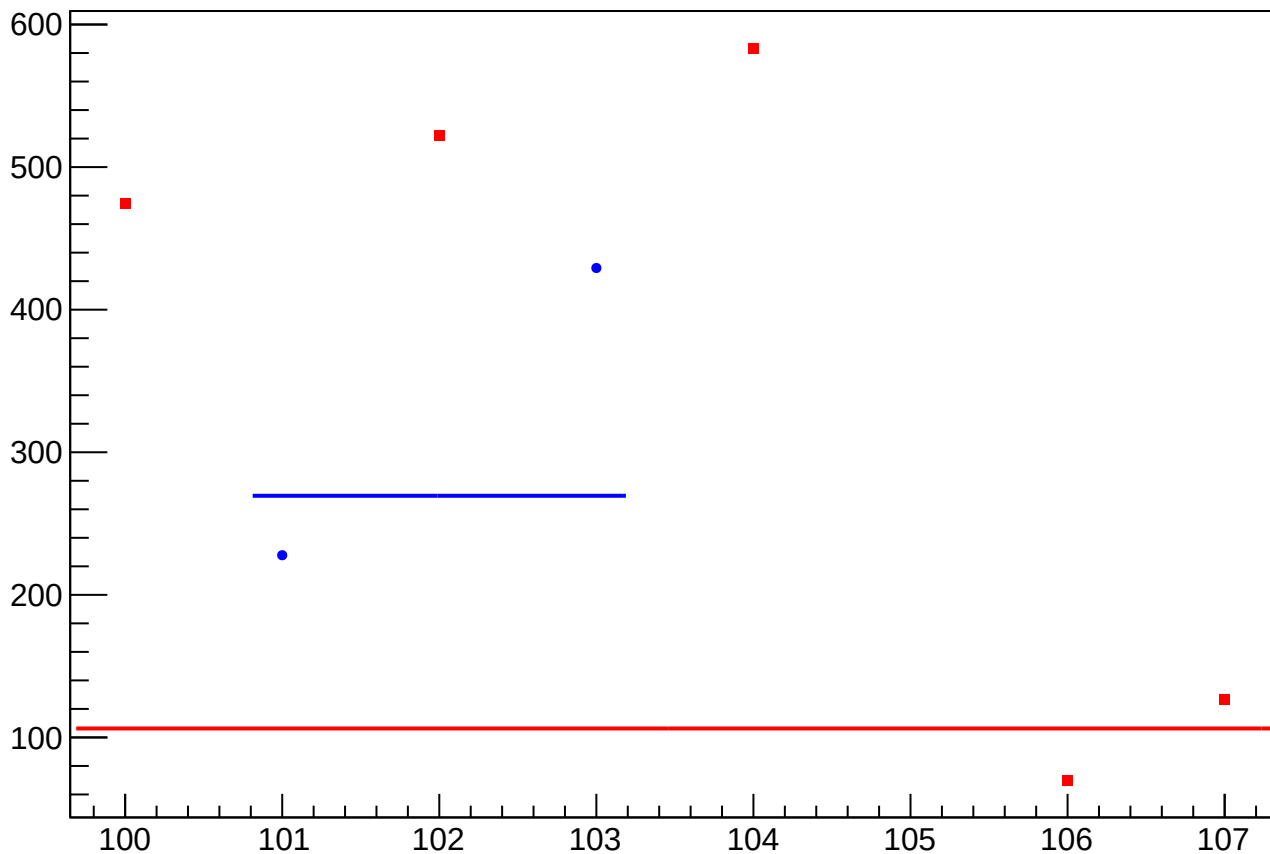
Right: -0.133 ± 0.117 $\chi^2/\text{NDF}: 13.8/6$

In: -0.682 ± 0.265 $\chi^2/\text{NDF}: 0.2/1$

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

All: -0.133 ± 0.117 $\chi^2/\text{NDF}: 13.8/6$

asym_atr1l2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 269.490+/-0.188 χ^2/NDF : 189038.6/1

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

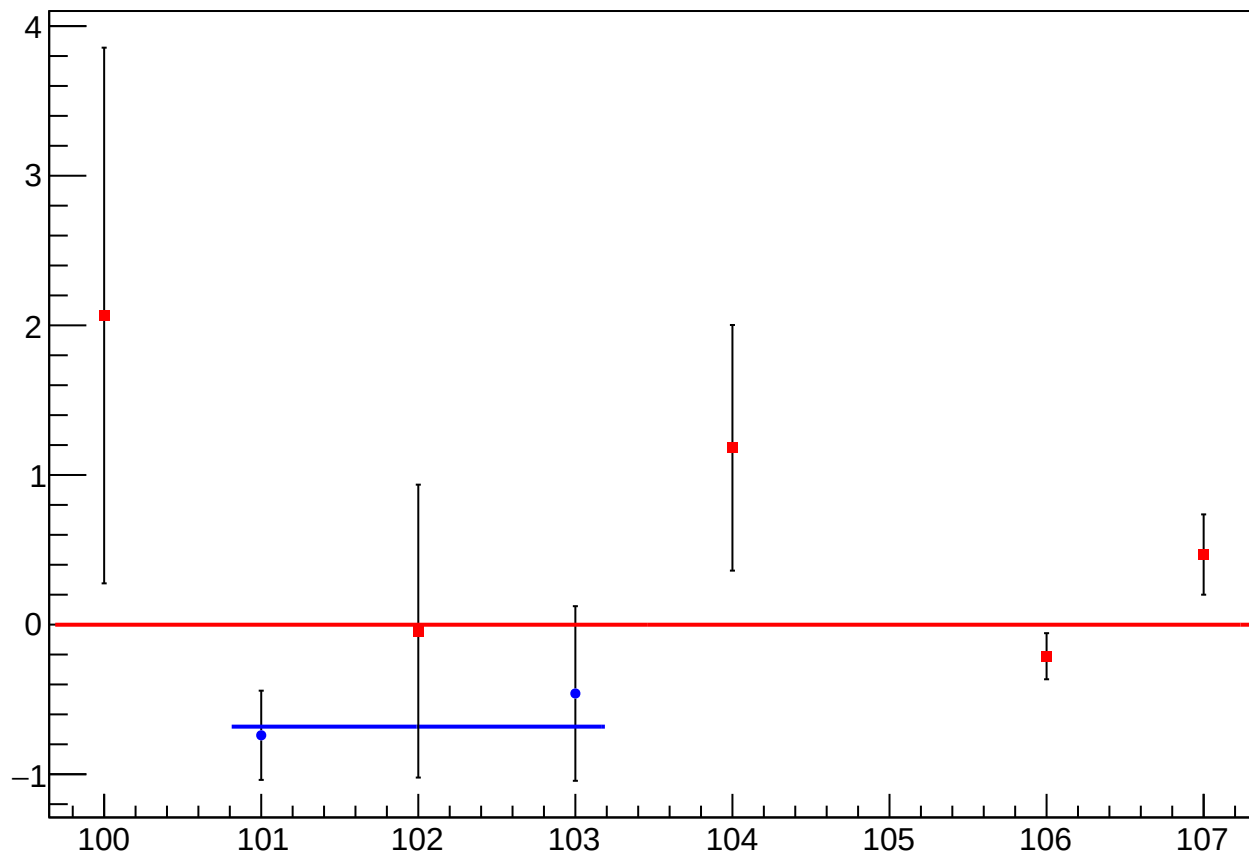
Right: 137.987+/-0.083 χ^2/NDF : 2043193.9/6

In: 269.490+/-0.188 χ^2/NDF : 189038.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.987+/-0.083 χ^2/NDF : 2043193.9/6

asym_atr1l2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.682 $\pm$ 0.265 χ^2 /NDF: 0.2/1

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

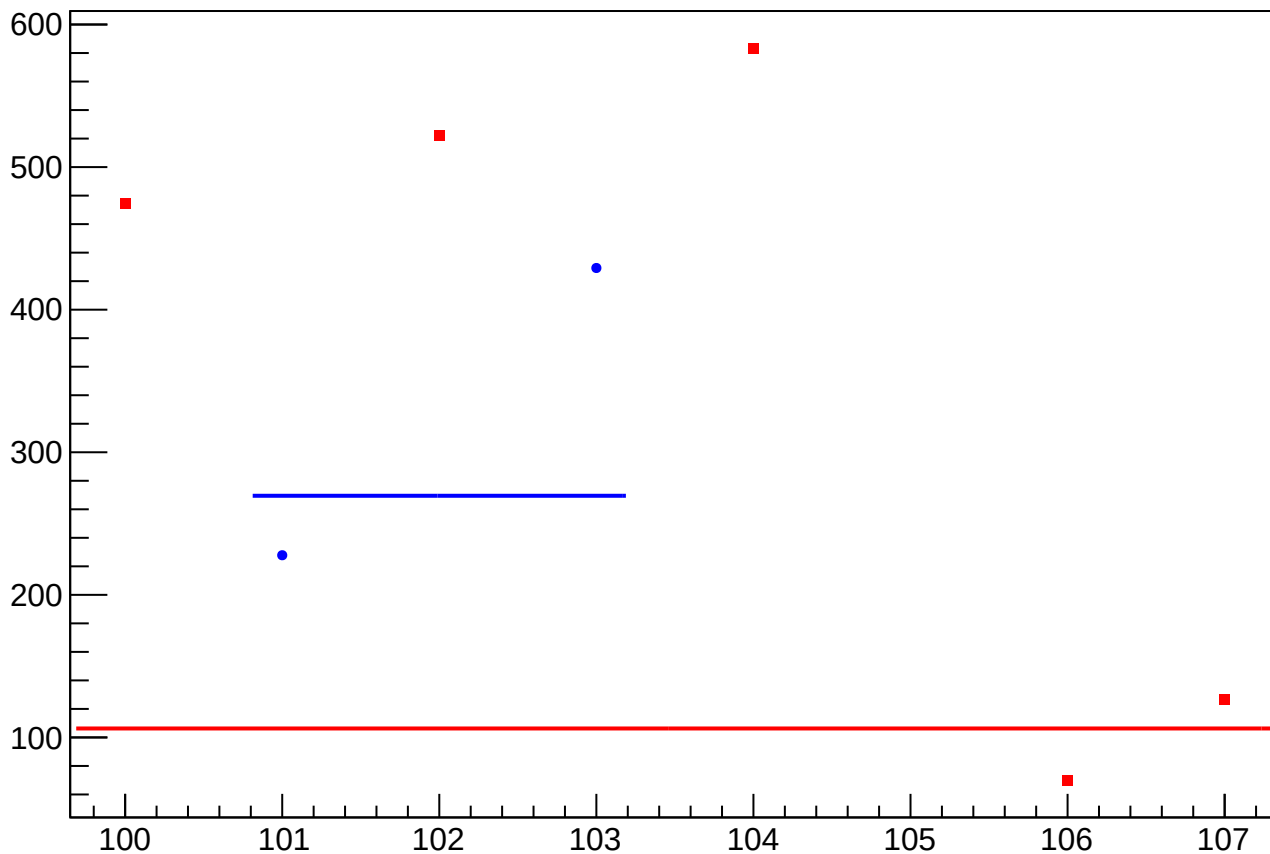
Right: -0.133 $\pm$ 0.117 χ^2 /NDF: 13.8/6

In: -0.682 $\pm$ 0.265 χ^2 /NDF: 0.2/1

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

All: -0.133 $\pm$ 0.117 χ^2 /NDF: 13.8/6

asym_atr1l2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 269.490 $\pm$ 0.188 χ^2 /NDF: 189038.6/1

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

Right Out: 106.284 $\pm$ 0.092 χ^2 /NDF: 1245209.7/4

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

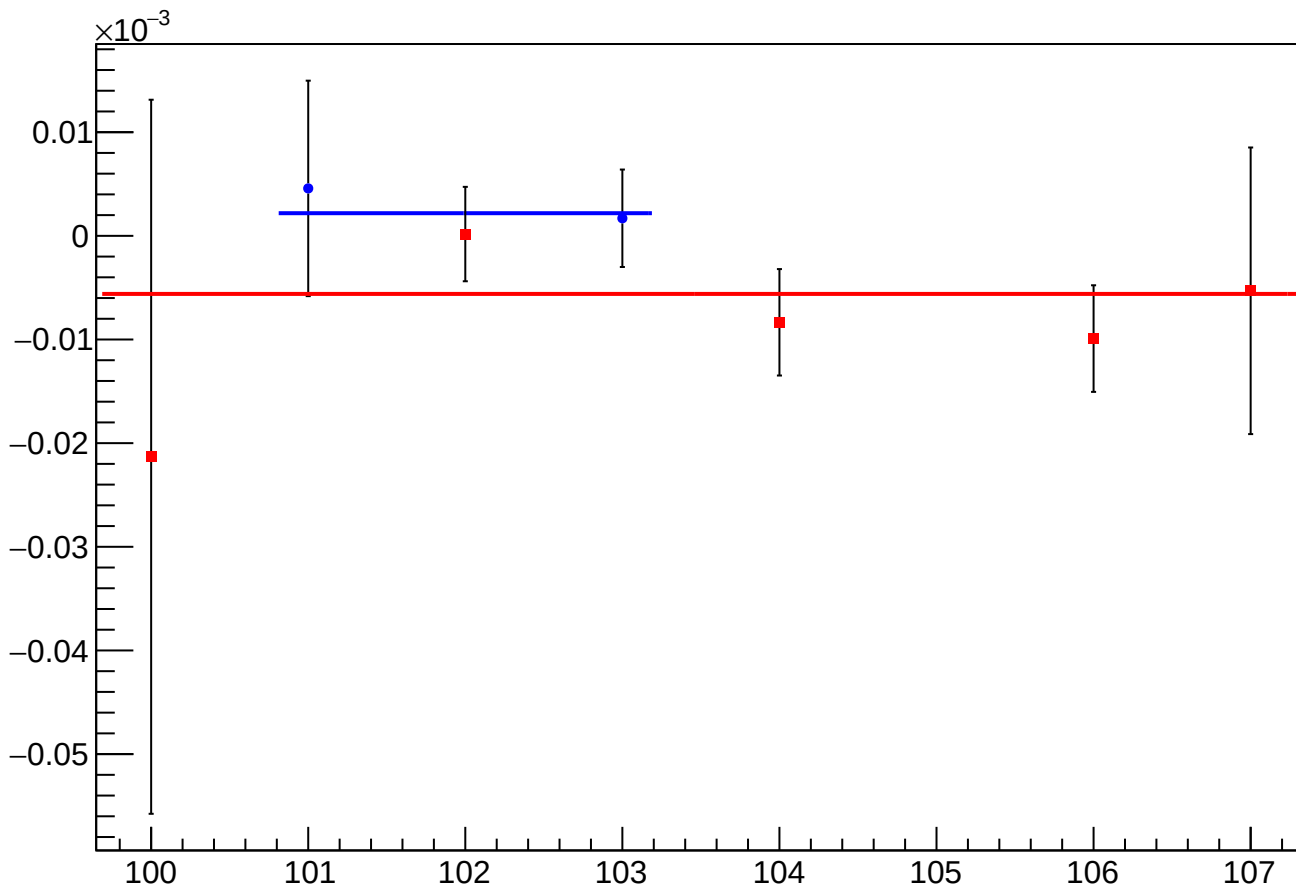
Right: 137.987 $\pm$ 0.083 χ^2 /NDF: 2043193.9/6

In: 269.490 $\pm$ 0.188 χ^2 /NDF:189038.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 137.987 $\pm$ 0.083 χ^2 /NDF: 2043193.9/6

asym_atr1l2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.1/1

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.8/4

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

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

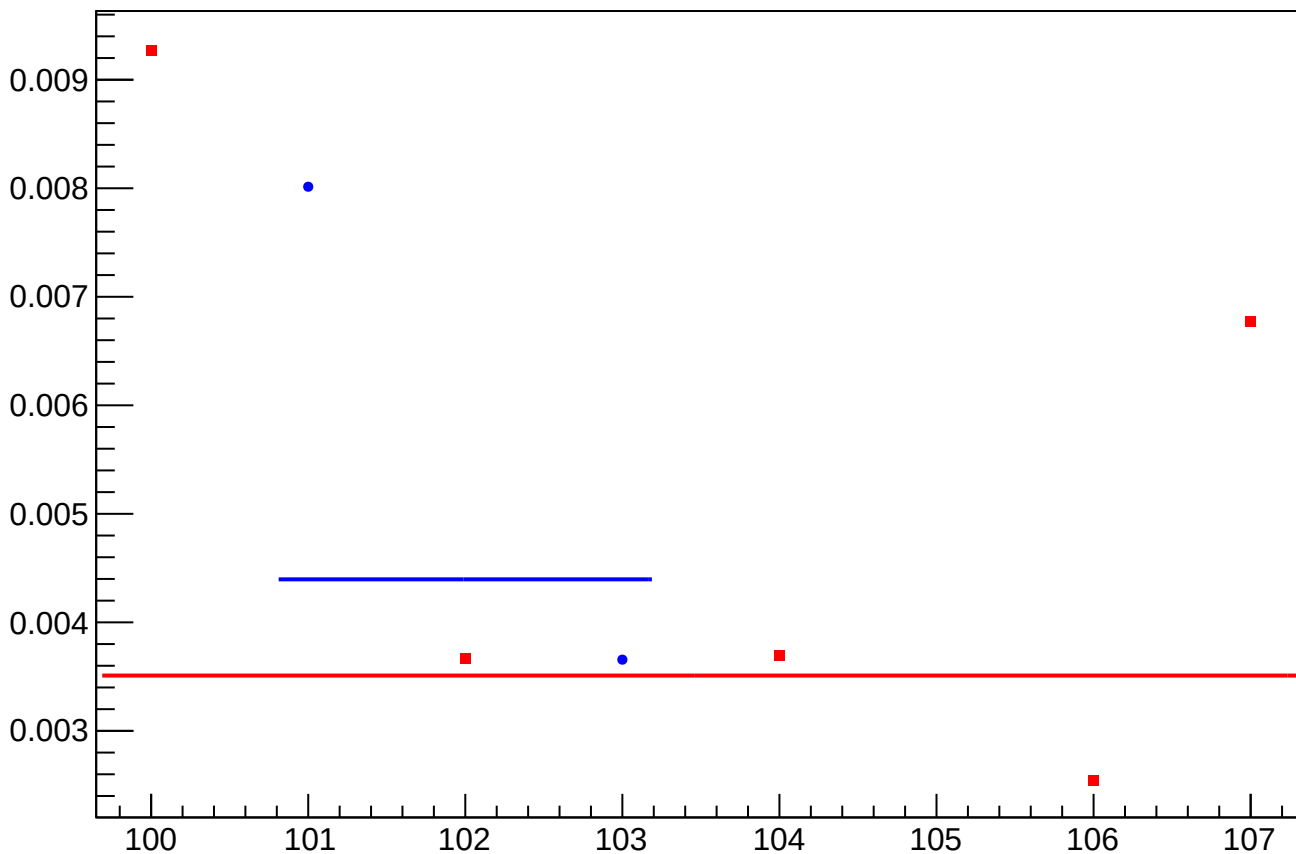
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.2/6

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.1/1

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.2/6

asym_atr1l2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 291903.3/1

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

Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 243090.4/4

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

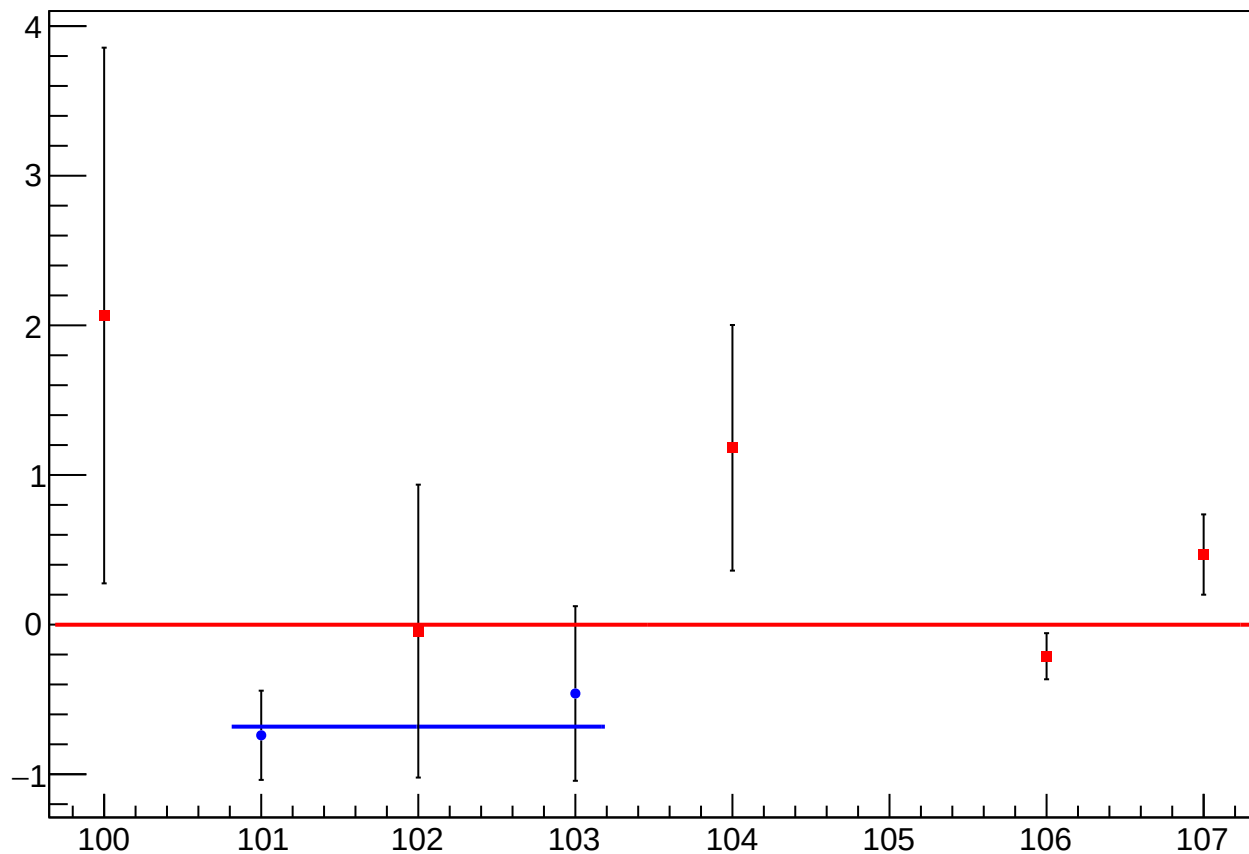
Right: 0.004 $\pm$ 0.000 χ^2 /NDF: 595375.4/6

In: 0.004 $\pm$ 0.000 χ^2 /NDF:291903.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.004 $\pm$ 0.000 χ^2 /NDF: 595375.4/6

asym_atr1l2_avg_eigen_dit_vs_slug, Sign Corrected



Right In: -0.682 ± 0.265 $\chi^2/\text{NDF}: 0.2/1$

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

Right Out: -0.001 ± 0.130 $\chi^2/\text{NDF}: 8.3/4$

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

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

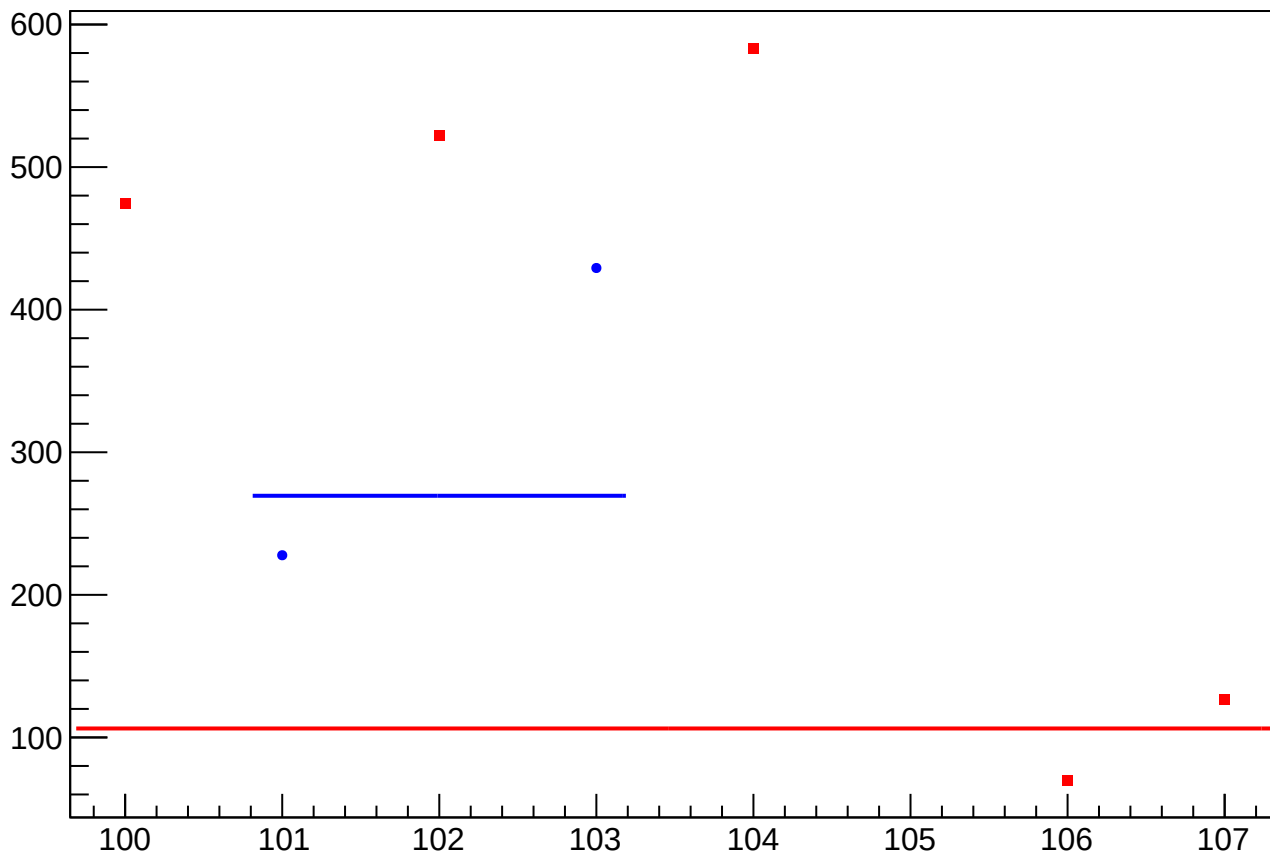
Right: -0.133 ± 0.117 $\chi^2/\text{NDF}: 13.8/6$

In: -0.682 ± 0.265 $\chi^2/\text{NDF}: 0.2/1$

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

All: -0.133 ± 0.117 $\chi^2/\text{NDF}: 13.8/6$

asym_atr1l2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 269.488+/-0.188 χ^2/NDF : 189039.8/1

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

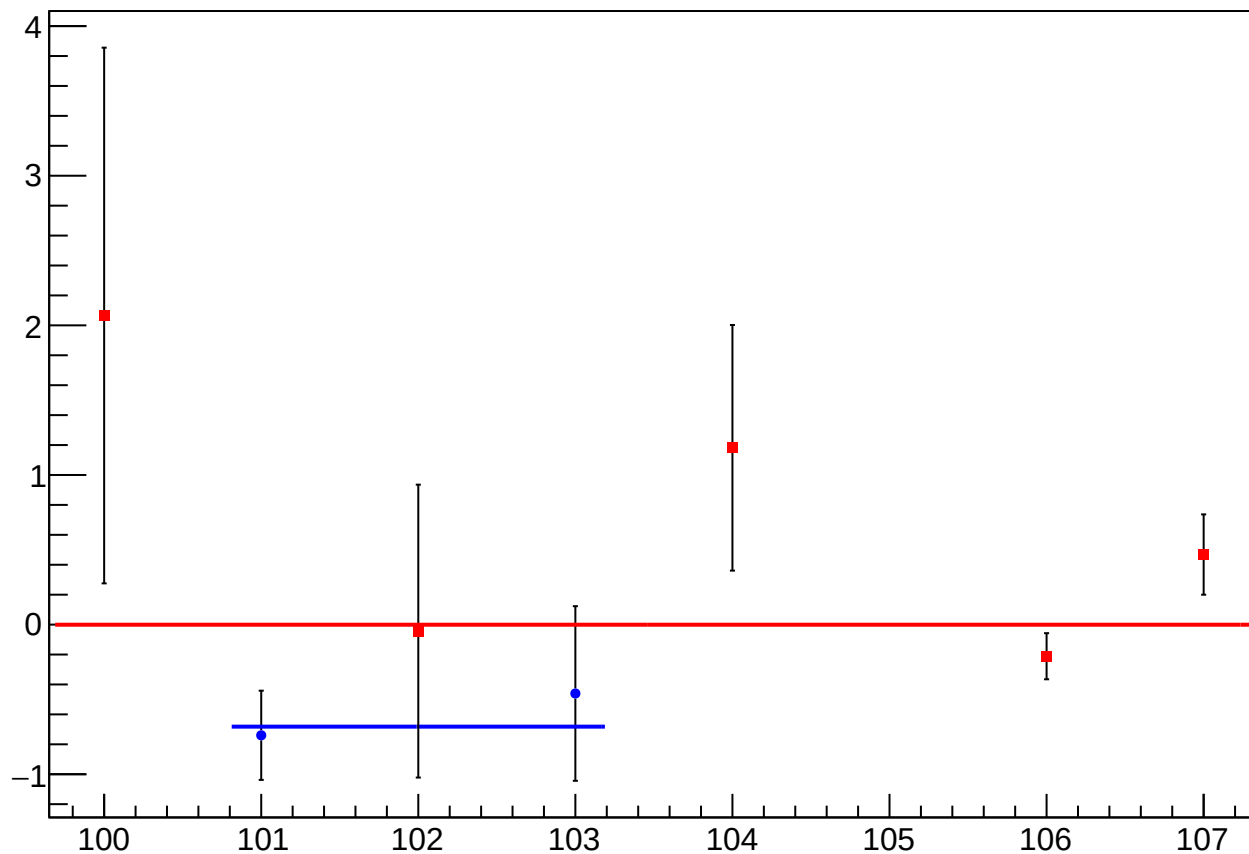
Right: 137.988+/-0.083 χ^2/NDF : 2043162.8/6

In: 269.488+/-0.188 χ^2/NDF : 189039.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.988+/-0.083 χ^2/NDF : 2043162.8/6

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.682 ± 0.265 χ^2/NDF : 0.2/1

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

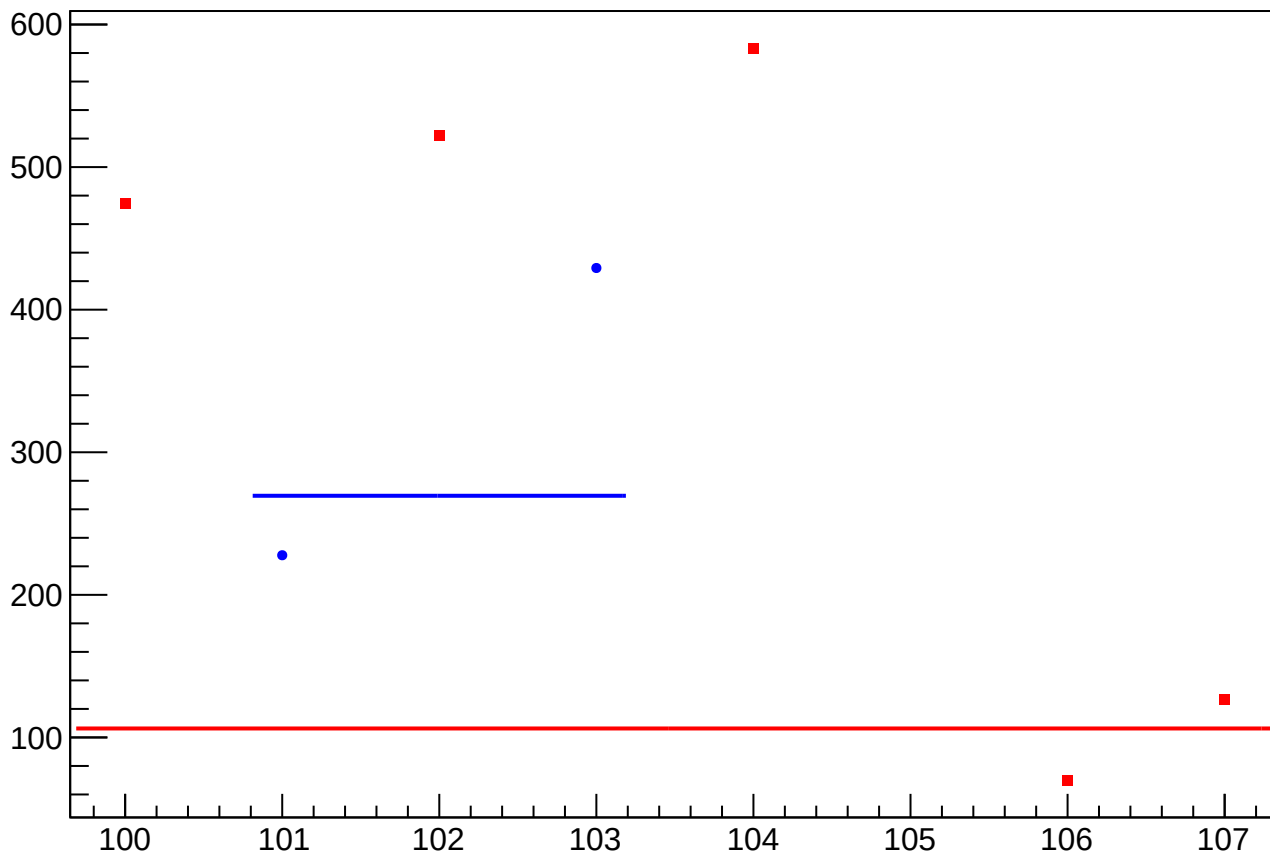
Right: -0.133 ± 0.117 χ^2/NDF : 13.8/6

In: -0.682 ± 0.265 χ^2/NDF : 0.2/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.133 ± 0.117 χ^2/NDF : 13.8/6

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 269.488+/-0.188 χ^2/NDF : 189039.8/1

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

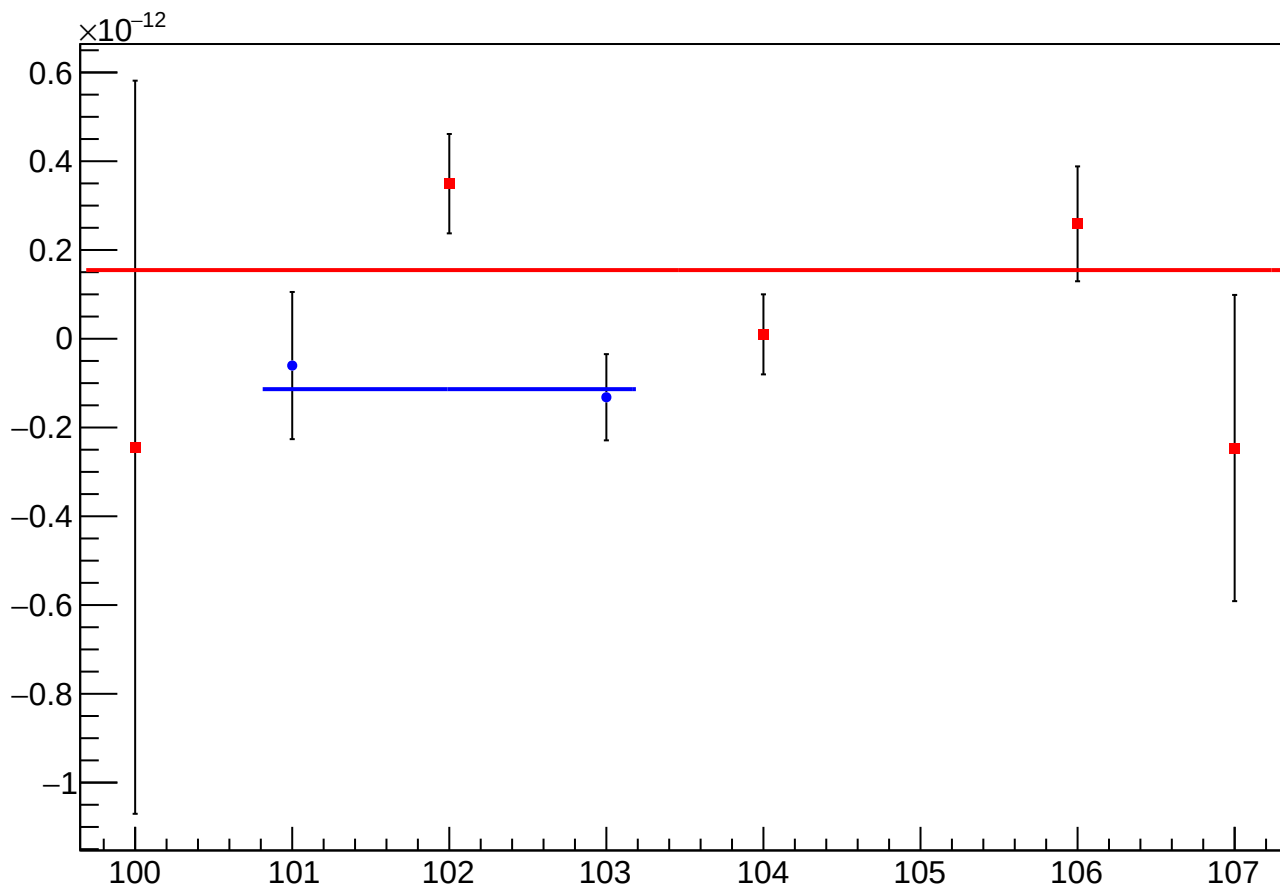
Right: 137.988+/-0.083 χ^2/NDF : 2043162.8/6

In: 269.488+/-0.188 χ^2/NDF : 189039.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.988+/-0.083 χ^2/NDF : 2043162.8/6

asym_atr1l2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/1

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

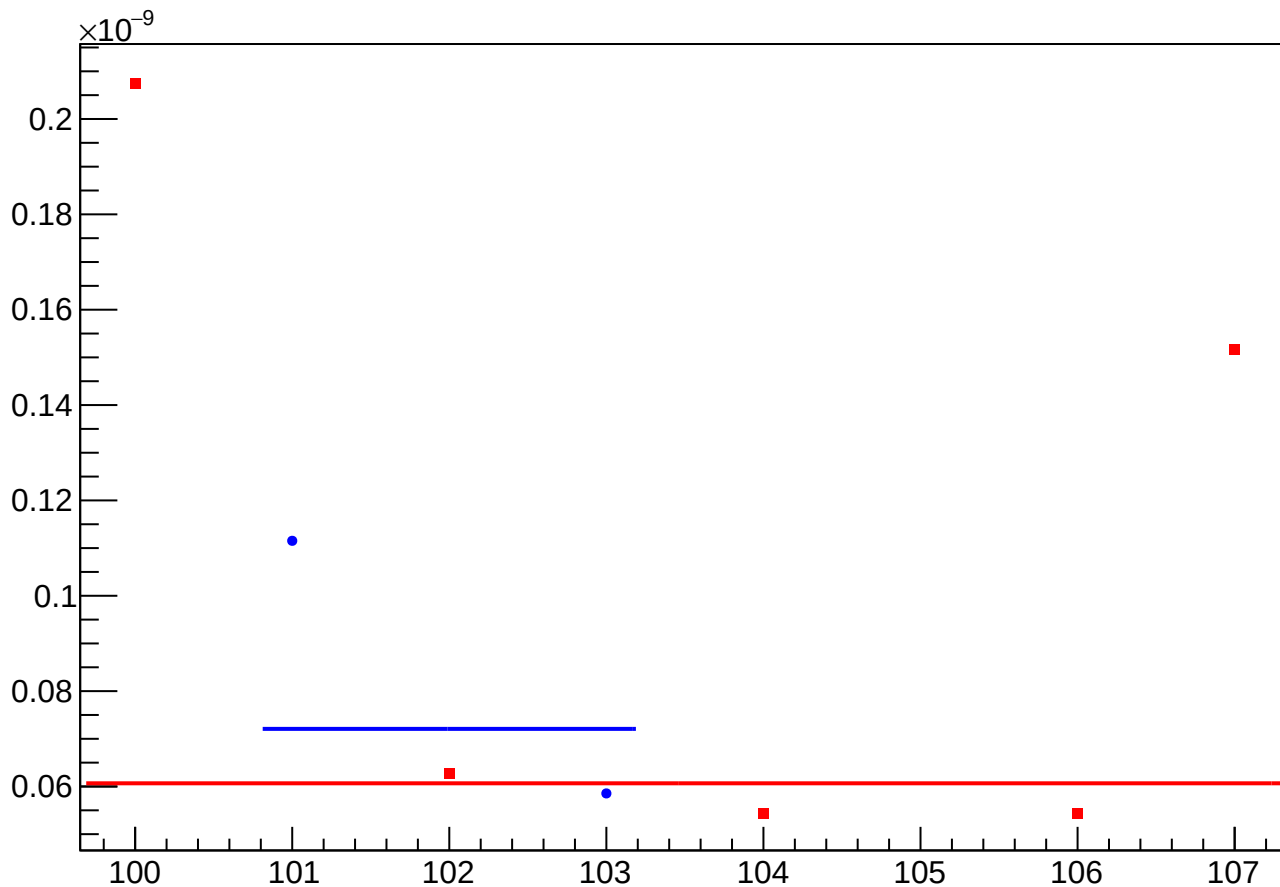
Right: 0.000+/-0.000 χ^2/NDF : 14.7/6

In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.7/6

asym_atr1l2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 152059.0/1

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

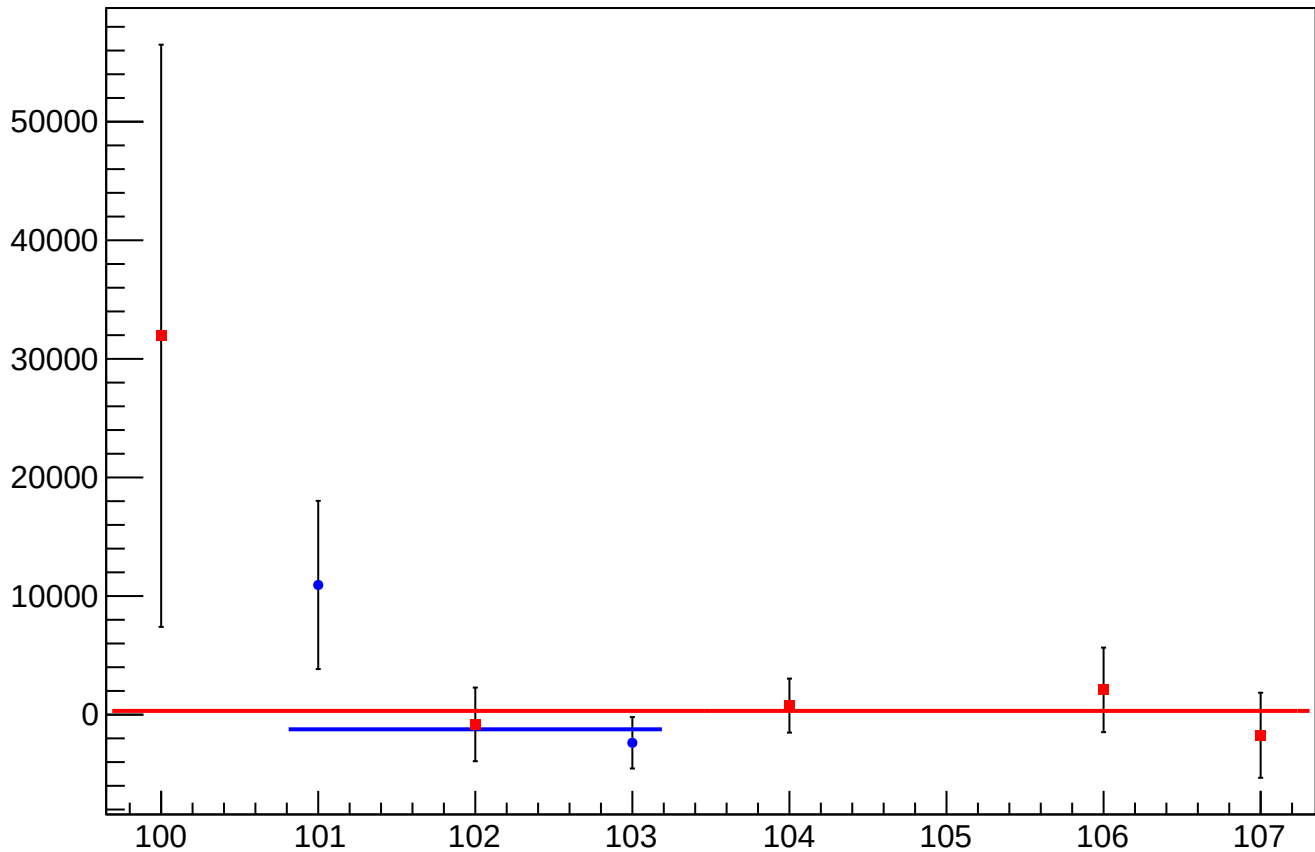
Right: 0.000+/-0.000 χ^2/NDF : 394083.3/6

In: 0.000+/-0.000 χ^2/NDF : 152059.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 394083.3/6

reg_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -1236.005+/-2073.739 χ^2/NDF : 3.2/1

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

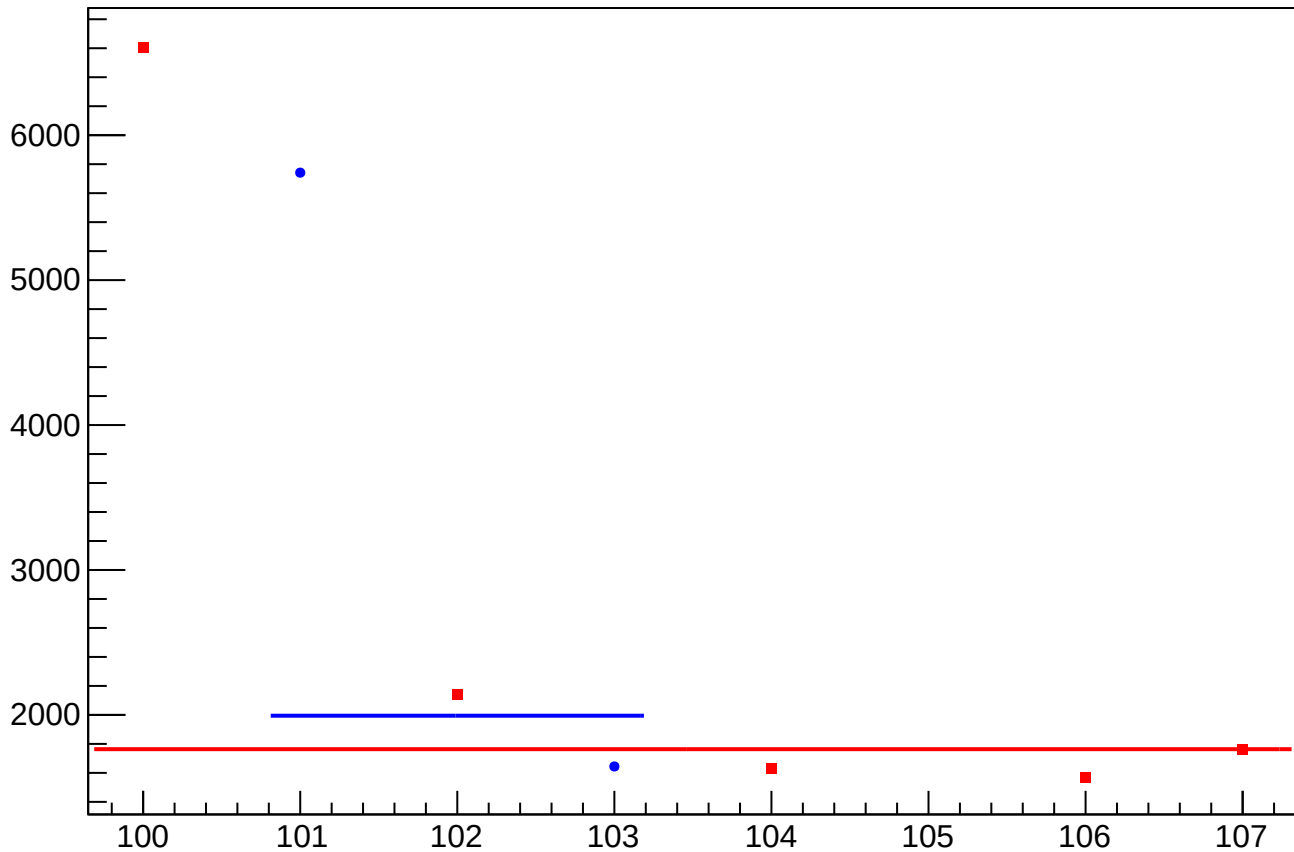
Right: -208.961+/-1206.581 χ^2/NDF : 6.0/6

In: -1236.005+/-2073.739 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -208.961+/-1206.581 χ^2/NDF : 6.0/6

reg_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1994.568+/-1.466 χ^2/NDF : 610336.5/1

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

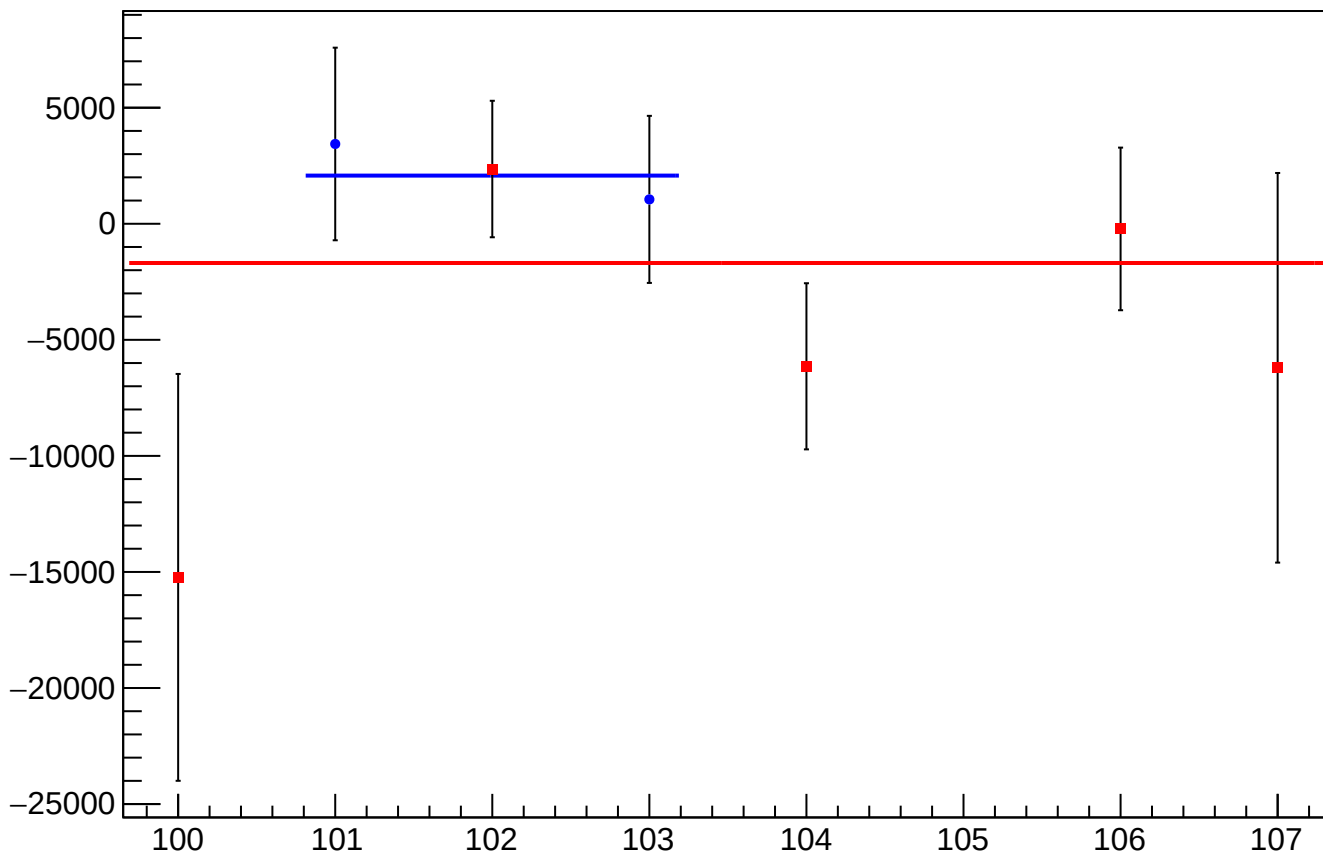
Right: 1837.985+/-0.833 χ^2/NDF : 750156.8/6

In: 1994.568+/-1.466 χ^2/NDF : 610336.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1837.985+/-0.833 χ^2/NDF : 750156.8/6

asym_atr1l2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 2075.392 $\pm$ 2718.586 χ^2 /NDF: 0.2/1

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

Right Out: -1689.648 $\pm$ 1818.222 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

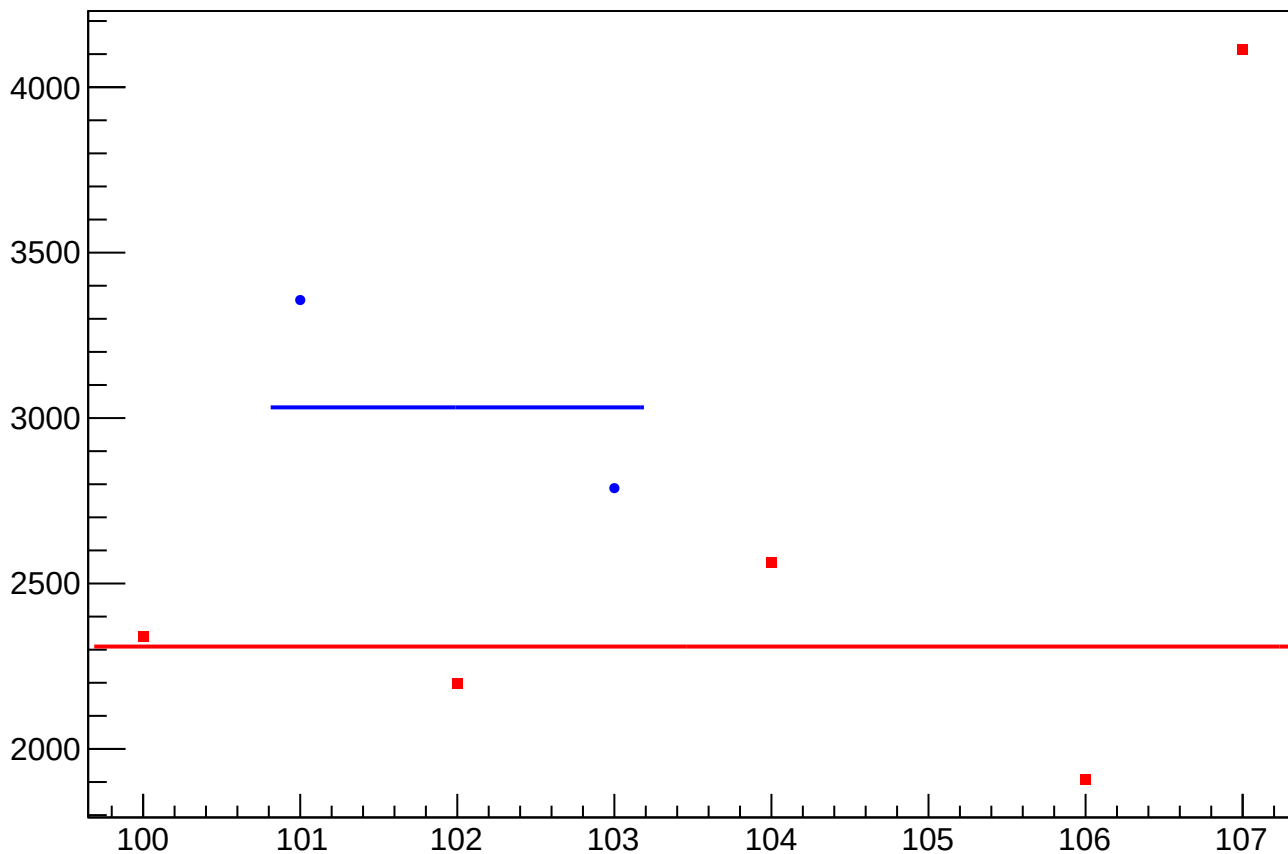
Right: -526.016 $\pm$ 1511.354 χ^2 /NDF: 7.8/6

In: 2075.392 $\pm$ 2718.586 χ^2 /NDF:0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -526.016 $\pm$ 1511.354 χ^2 /NDF: 7.8/6

asym_atr1l2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3032.330+/-1.922 χ^2/NDF : 21429.6/1

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

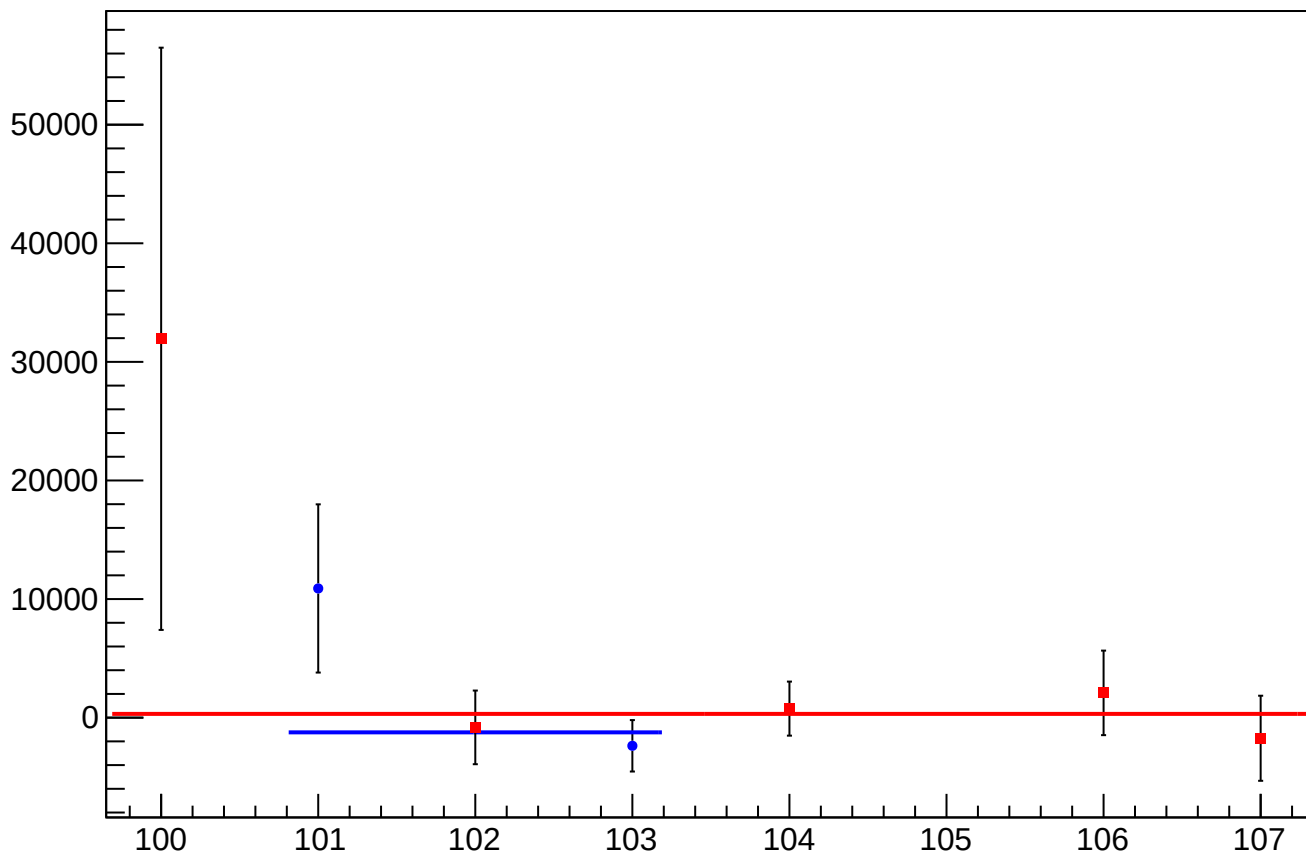
Right: 2532.863+/-1.069 χ^2/NDF : 251043.5/6

In: 3032.330+/-1.922 χ^2/NDF : 21429.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2532.863+/-1.069 χ^2/NDF : 251043.5/6

cor_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -1239.646 $\pm$ 2073.741 χ^2 /NDF: 3.2/1

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

Right Out: 317.068 $\pm$ 1483.555 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

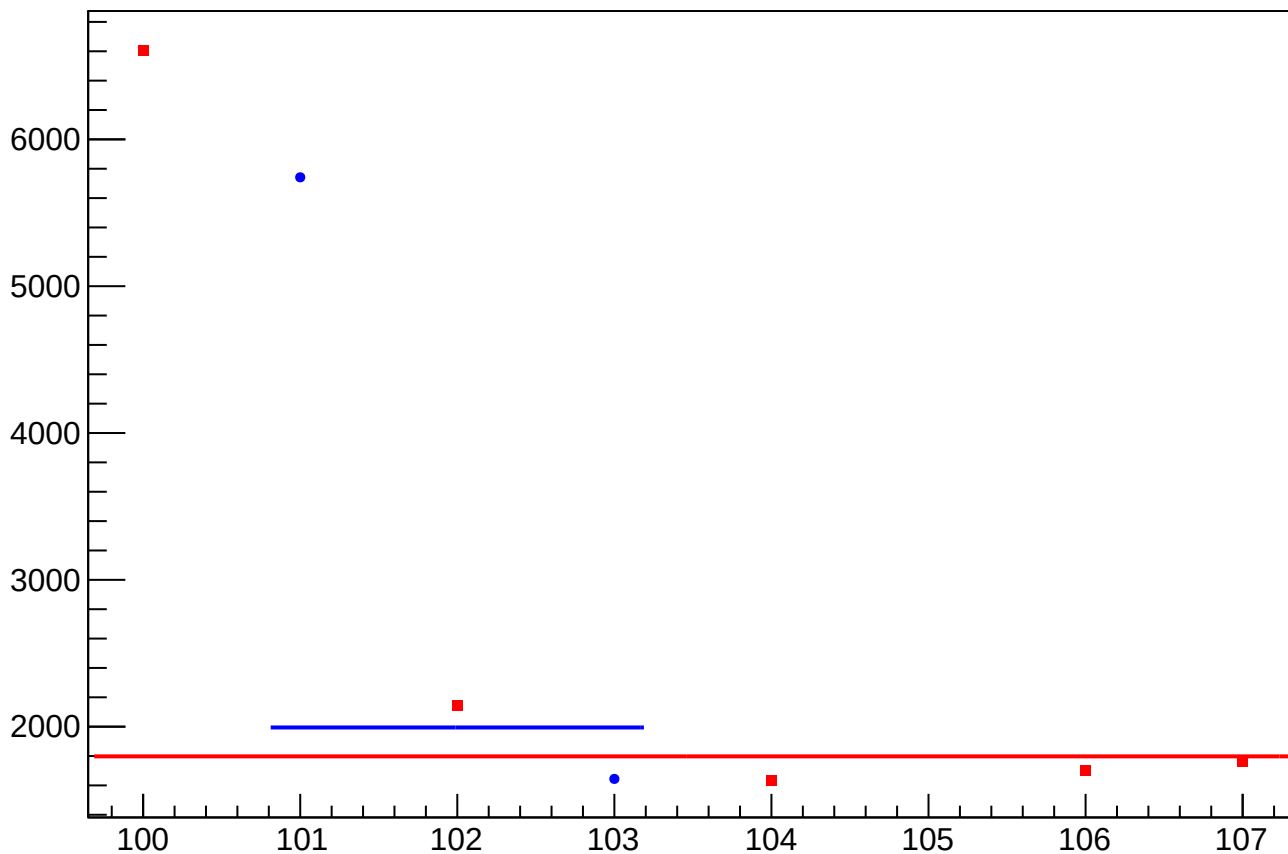
Right: -209.935 $\pm$ 1206.582 χ^2 /NDF: 6.0/6

In: -1239.646 $\pm$ 2073.741 χ^2 /NDF:3.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -209.935 $\pm$ 1206.582 χ^2 /NDF: 6.0/6

cor_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1994.564+/-1.466 χ^2/NDF : 610337.4/1

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

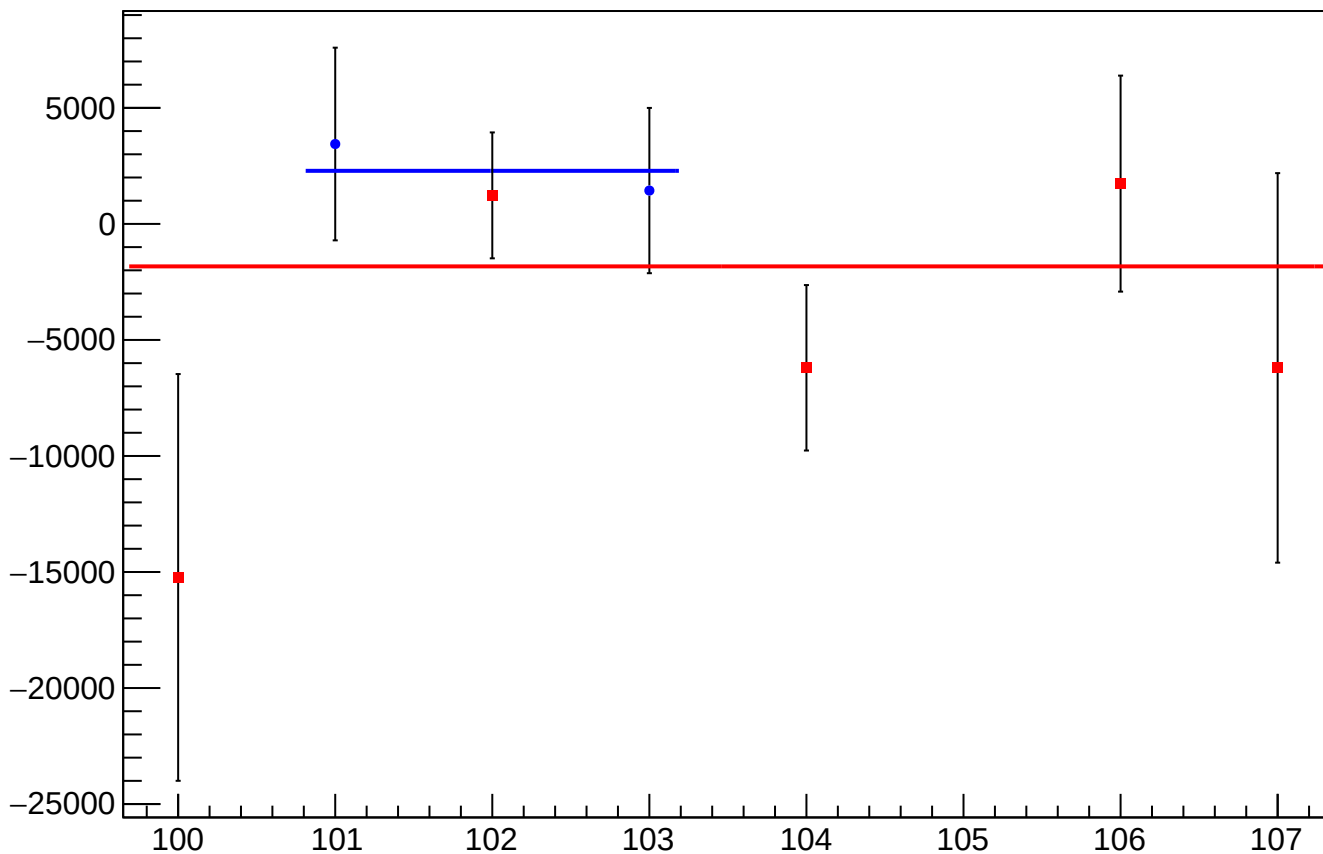
Right: 1862.692+/-0.843 χ^2/NDF : 736404.2/6

In: 1994.564+/-1.466 χ^2/NDF : 610337.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1862.692+/-0.843 χ^2/NDF : 736404.2/6

asym_atr1l2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 2287.452 $\pm$ 2703.119 χ^2 /NDF: 0.1/1

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

Right Out: -1830.262 $\pm$ 1863.574 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

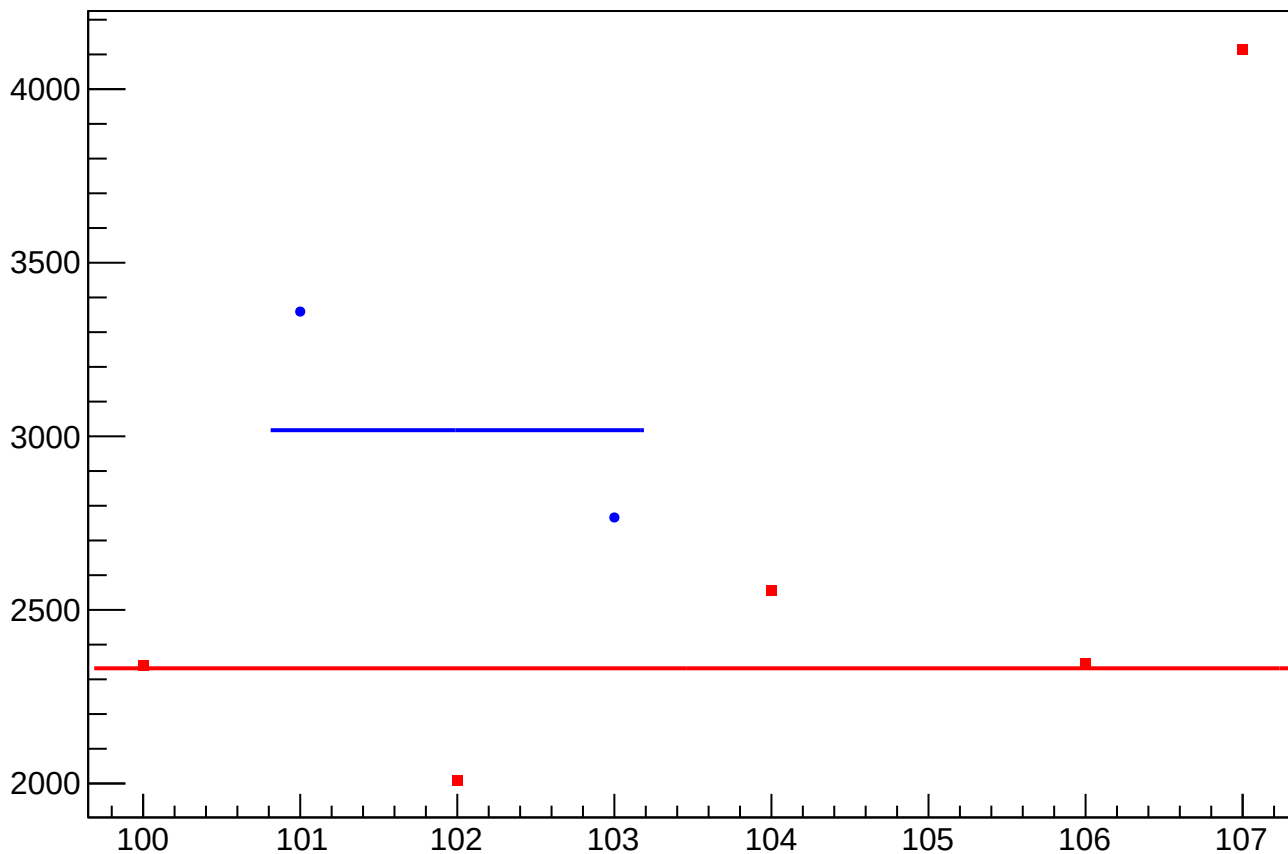
Right: -503.660 $\pm$ 1534.289 χ^2 /NDF: 7.7/6

In: 2287.452 $\pm$ 2703.119 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -503.660 $\pm$ 1534.289 χ^2 /NDF: 7.7/6

asym_atr1l2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3017.642+/-1.911 χ^2/NDF : 23511.8/1

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

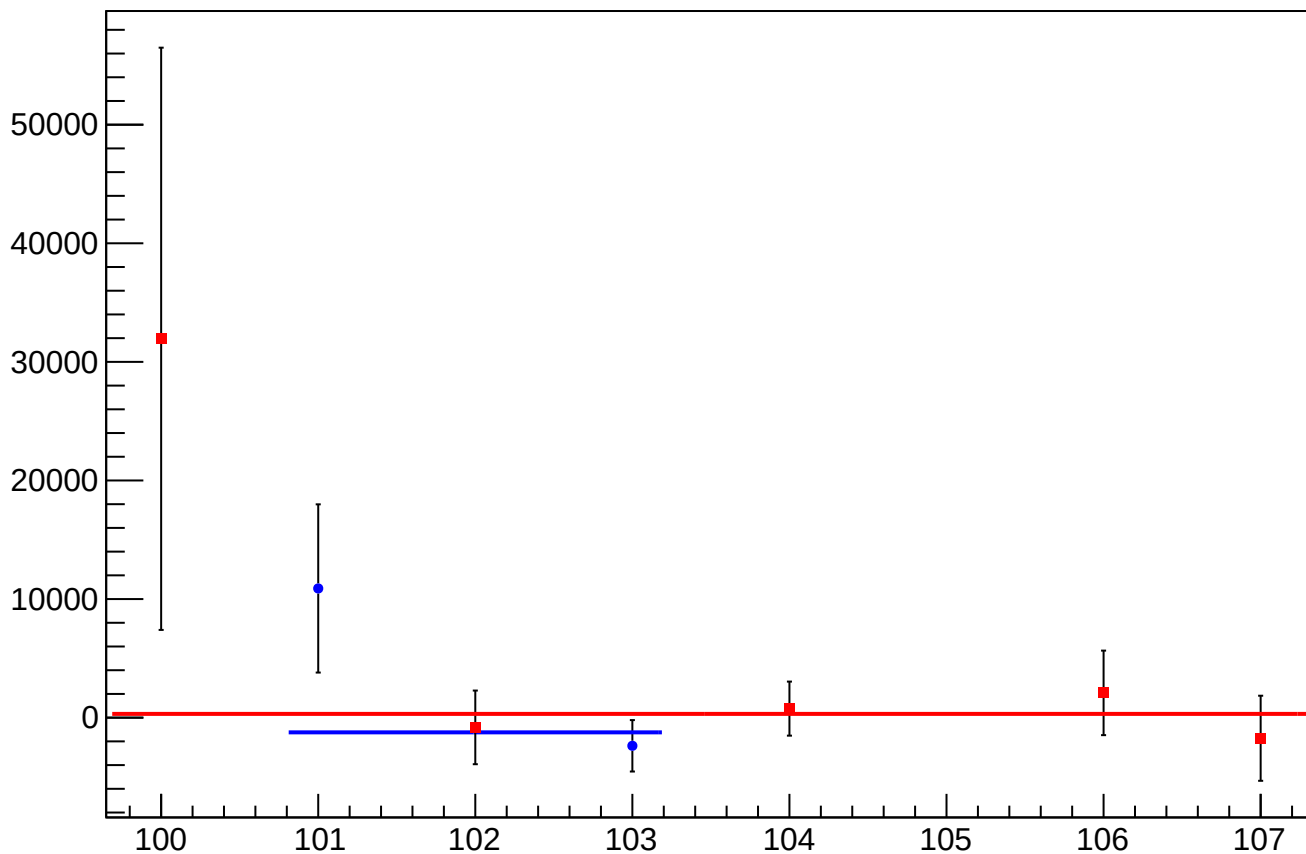
Right: 2552.750+/-1.085 χ^2/NDF : 237094.5/6

In: 3017.642+/-1.911 χ^2/NDF : 23511.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2552.750+/-1.085 χ^2/NDF : 237094.5/6

eigen_cor_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -1239.646+/-2073.741 χ^2 /NDF: 3.2/1

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

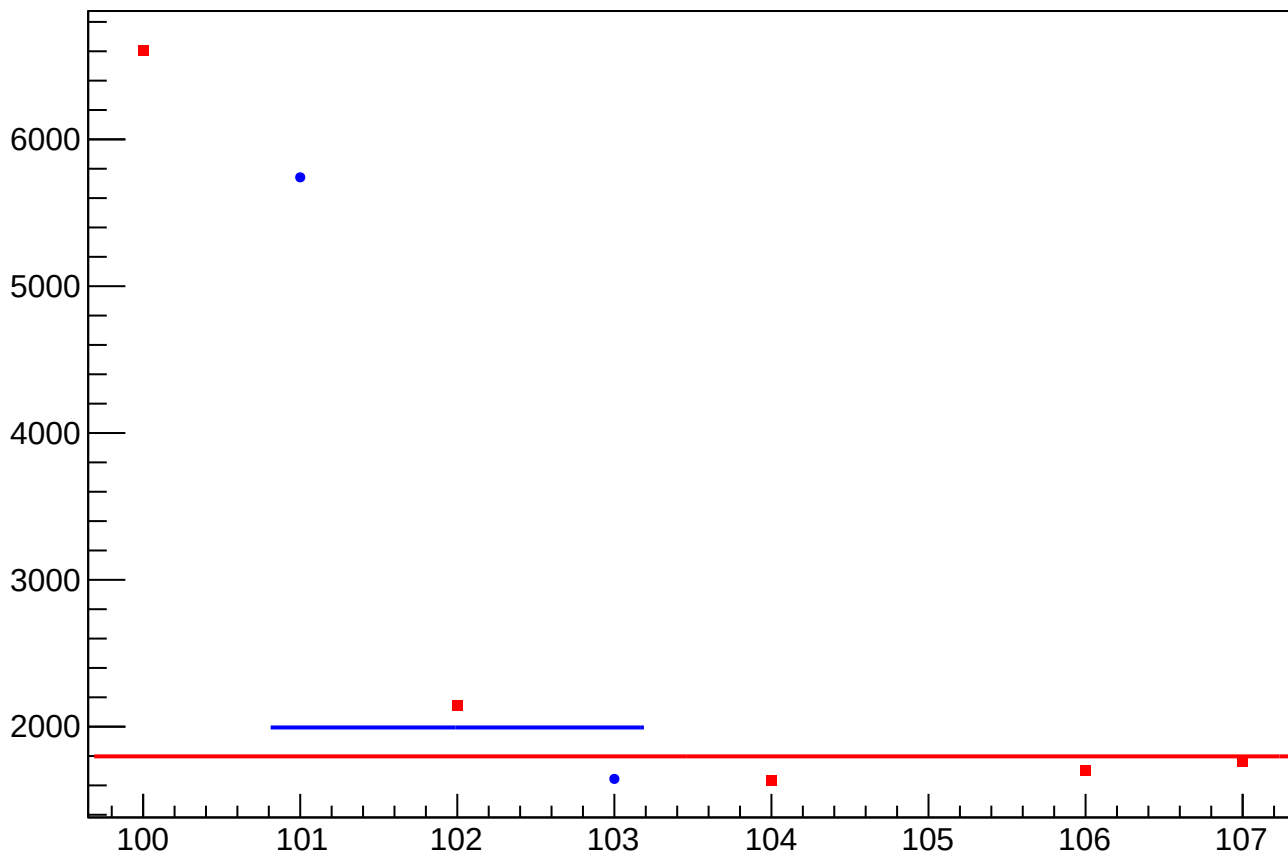
Right: -209.935+/-1206.582 χ^2 /NDF: 6.0/6

In: -1239.646+/-2073.741 χ^2 /NDF:3.2/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -209.935+/-1206.582 χ^2 /NDF: 6.0/6

eigen_cor_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1994.564 $\pm$ 1.466 χ^2 /NDF: 610337.4/1

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

Right Out: 1797.702 $\pm$ 1.029 χ^2 /NDF: 113993.1/4

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

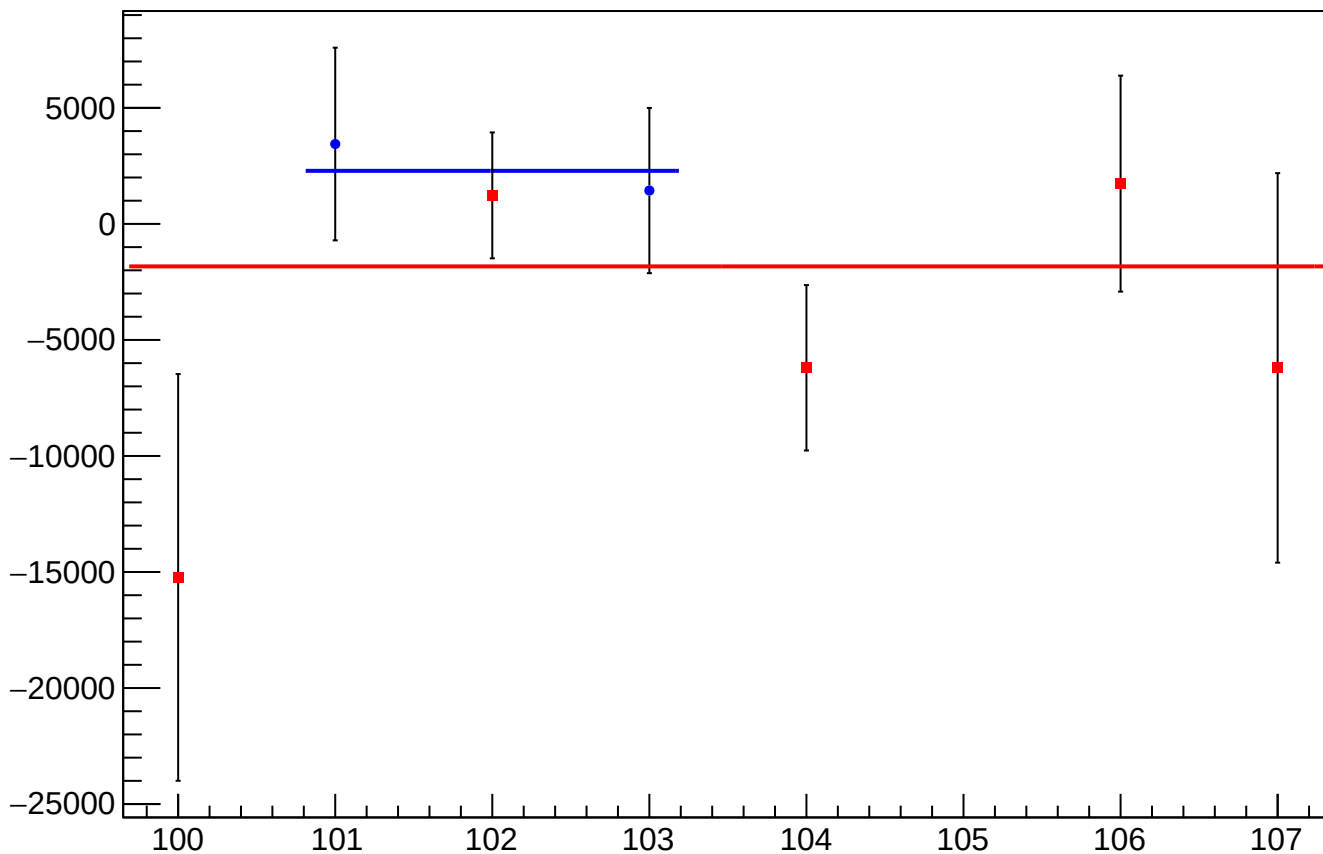
Right: 1862.692 $\pm$ 0.843 χ^2 /NDF: 736404.2/6

In: 1994.564 $\pm$ 1.466 χ^2 /NDF:610337.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1862.692 $\pm$ 0.843 χ^2 /NDF: 736404.2/6

asym_atr1l2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2287.452 $\pm$ 2703.119 χ^2 /NDF: 0.1/1

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

Right Out: -1830.262 $\pm$ 1863.574 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

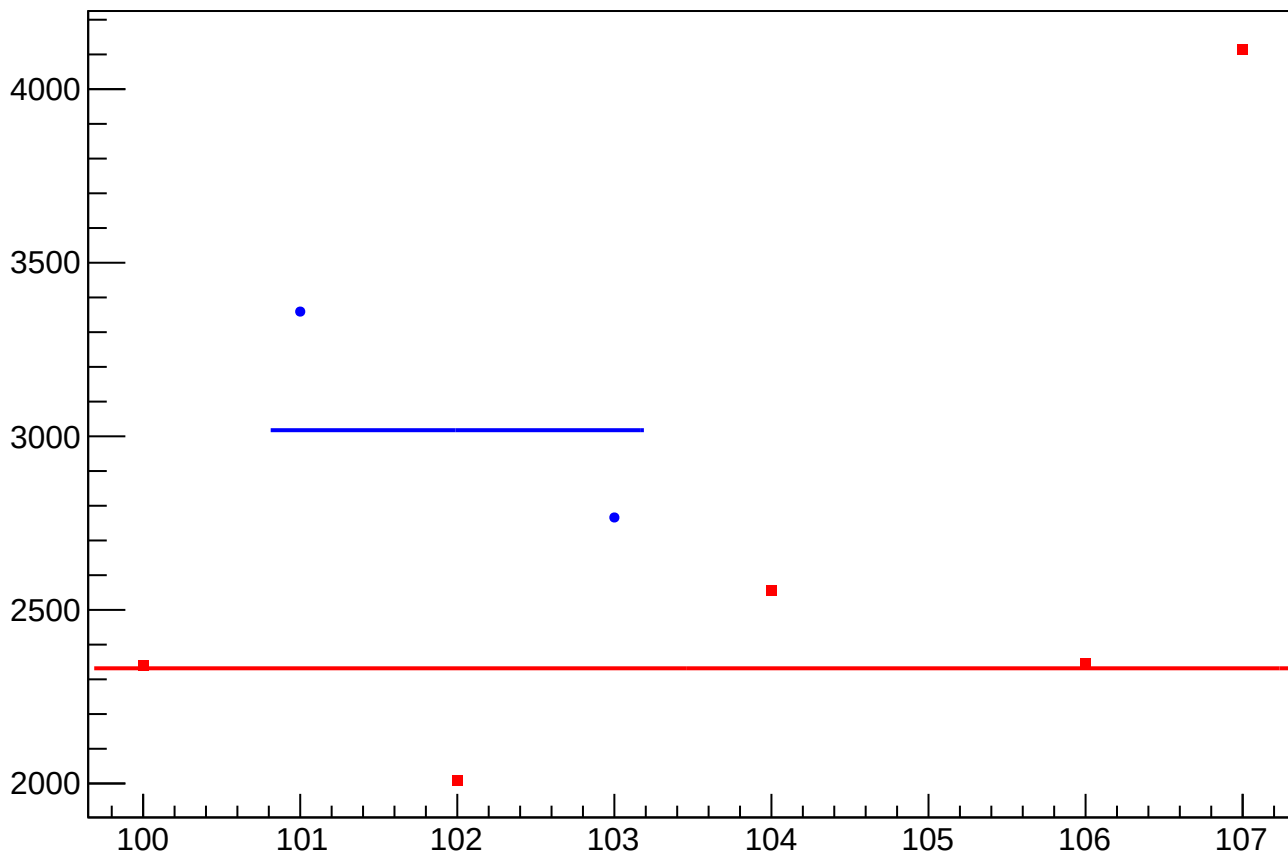
Right: -503.660 $\pm$ 1534.289 χ^2 /NDF: 7.7/6

In: 2287.452 $\pm$ 2703.119 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -503.660 $\pm$ 1534.289 χ^2 /NDF: 7.7/6

asym_atr1l2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3017.642 $\pm$ 1.911 χ^2 /NDF: 23511.8/1

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

Right Out: 2331.788 $\pm$ 1.318 χ^2 /NDF: 126308.8/4

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

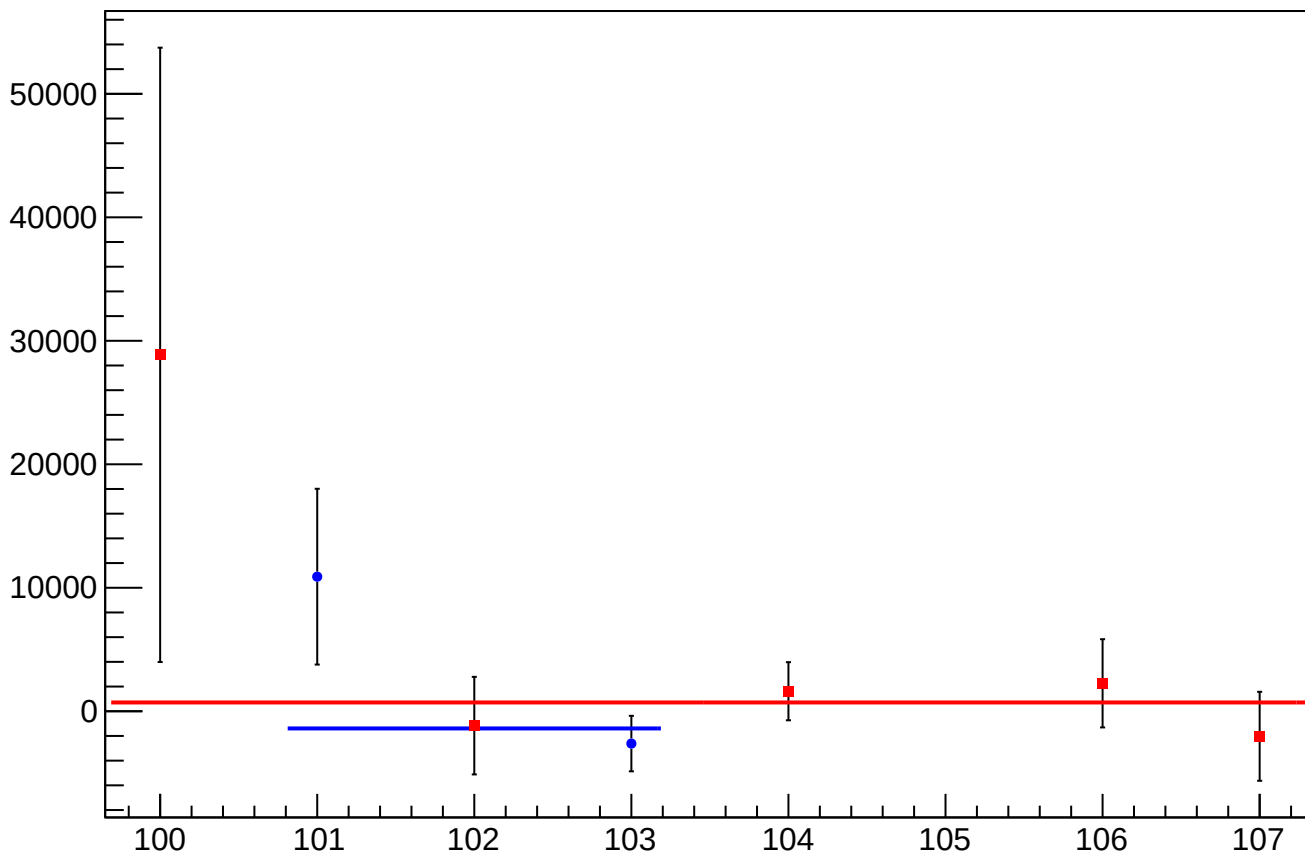
Right: 2552.750 $\pm$ 1.085 χ^2 /NDF: 237094.5/6

In: 3017.642 $\pm$ 1.911 χ^2 /NDF:23511.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2552.750 $\pm$ 1.085 χ^2 /NDF: 237094.5/6

dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -1392.855+/-2143.346 χ^2/NDF : 3.3/1

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

Right Out: 711.456+/-1577.834 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

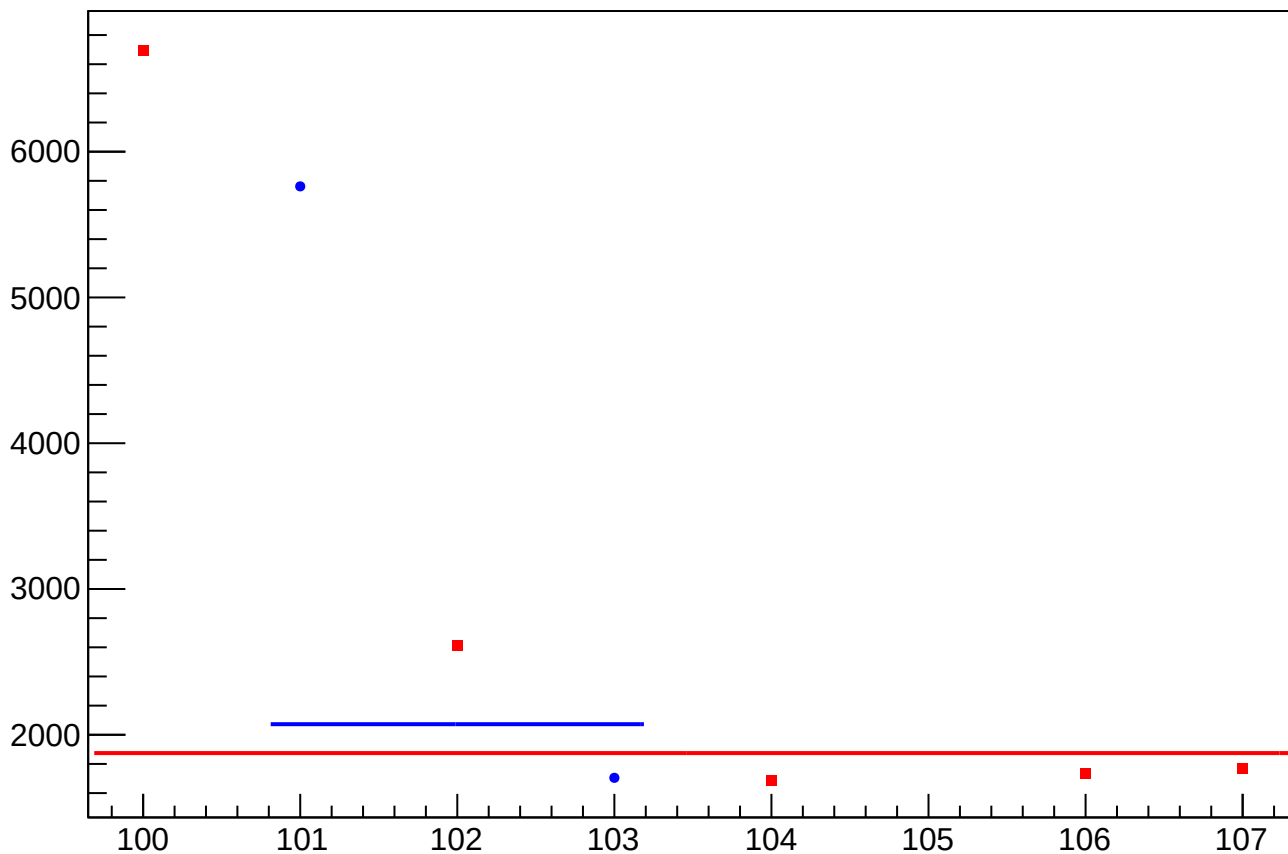
Right: -28.124+/-1270.662 χ^2/NDF : 6.3/6

In: -1392.855+/-2143.346 χ^2/NDF : 3.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.124+/-1270.662 χ^2/NDF : 6.3/6

dit_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 2072.607+/-1.516 χ^2/NDF : 590810.6/1

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

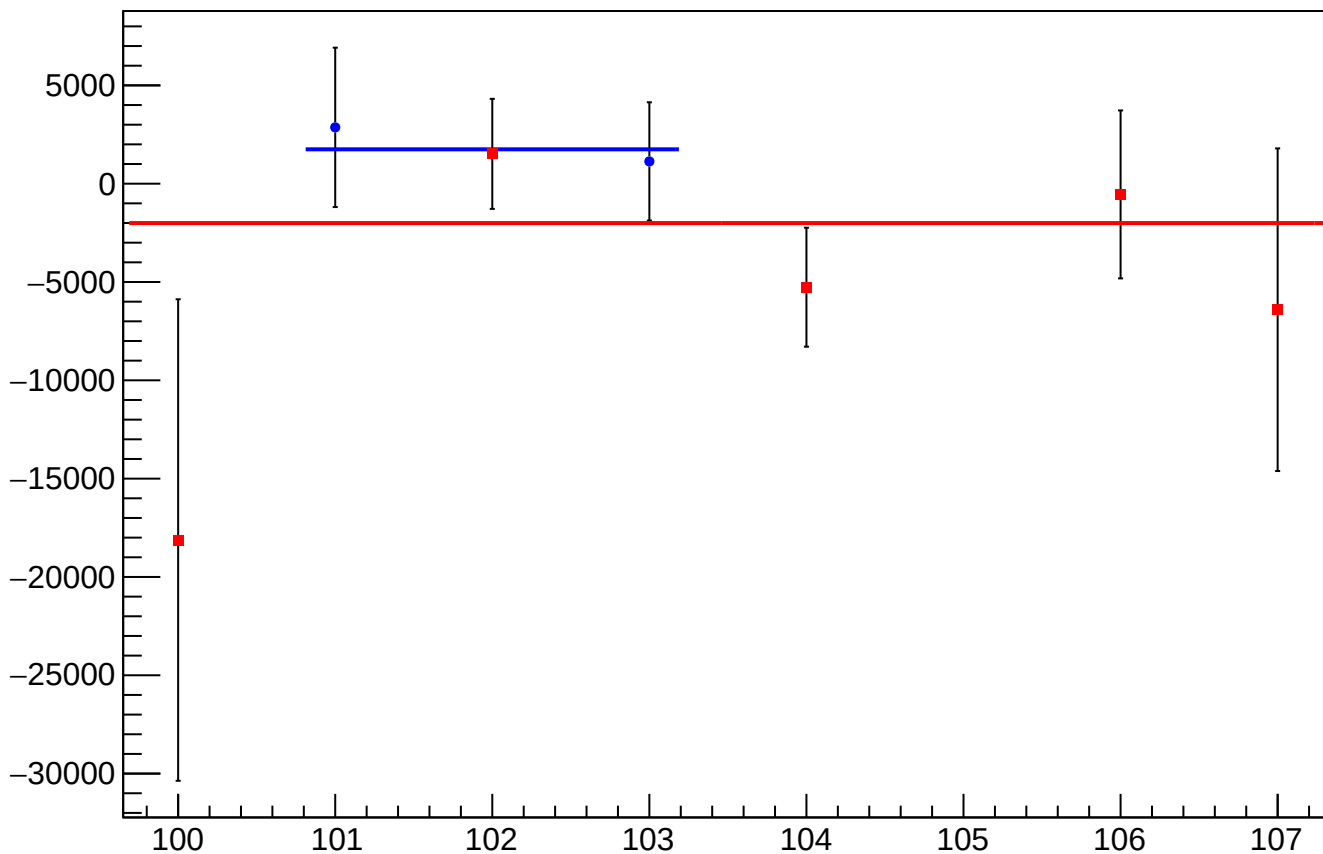
Right: 1942.653+/-0.889 χ^2/NDF : 765348.0/6

In: 2072.607+/-1.516 χ^2/NDF : 590810.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1942.653+/-0.889 χ^2/NDF : 765348.0/6

asym_atr1l2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1747.536+/-2414.466 χ^2/NDF : 0.1/1

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

Right Out: -2002.444+/-1786.638 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

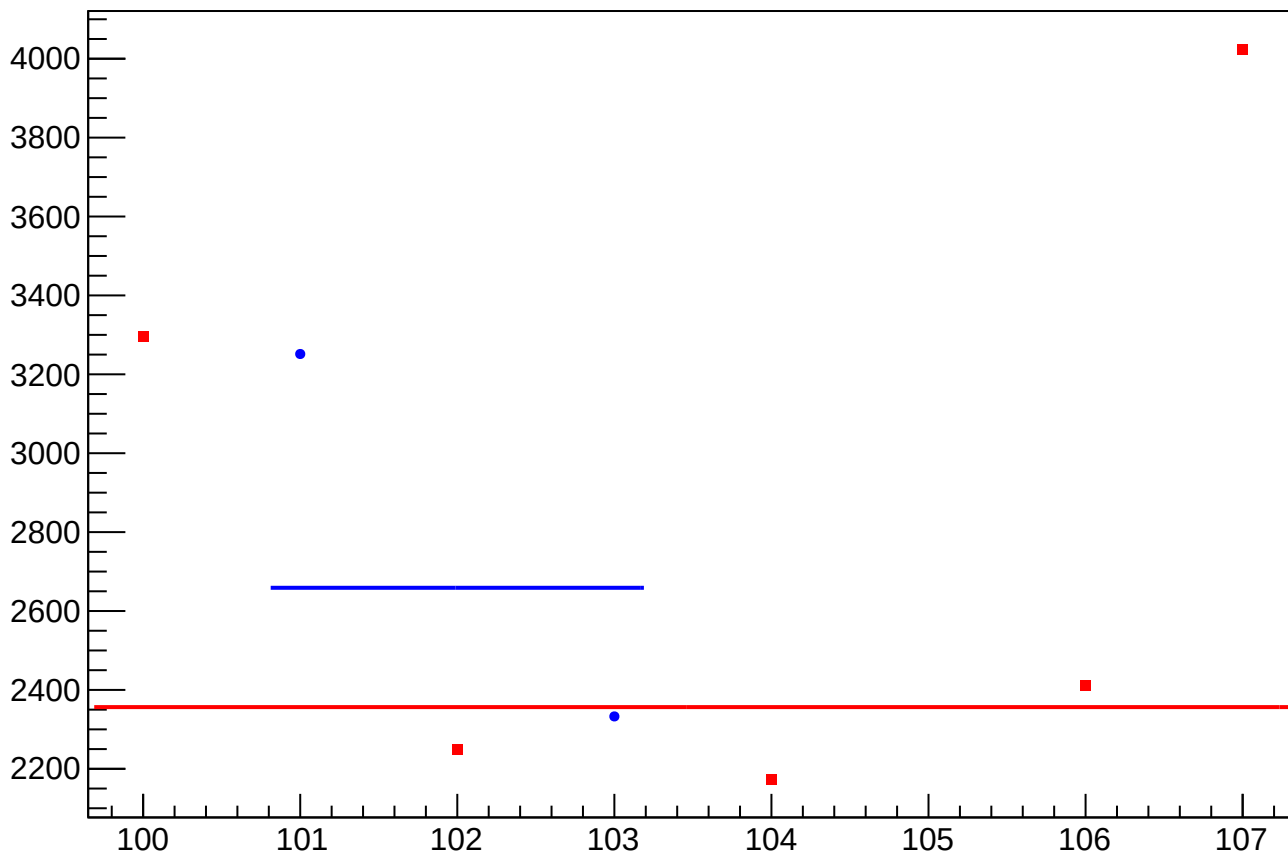
Right: -675.622+/-1436.193 χ^2/NDF : 6.6/6

In: 1747.536+/-2414.466 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -675.622+/-1436.193 χ^2/NDF : 6.6/6

asym_atr1l2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2658.893+/-1.707 χ^2/NDF : 66297.9/1

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

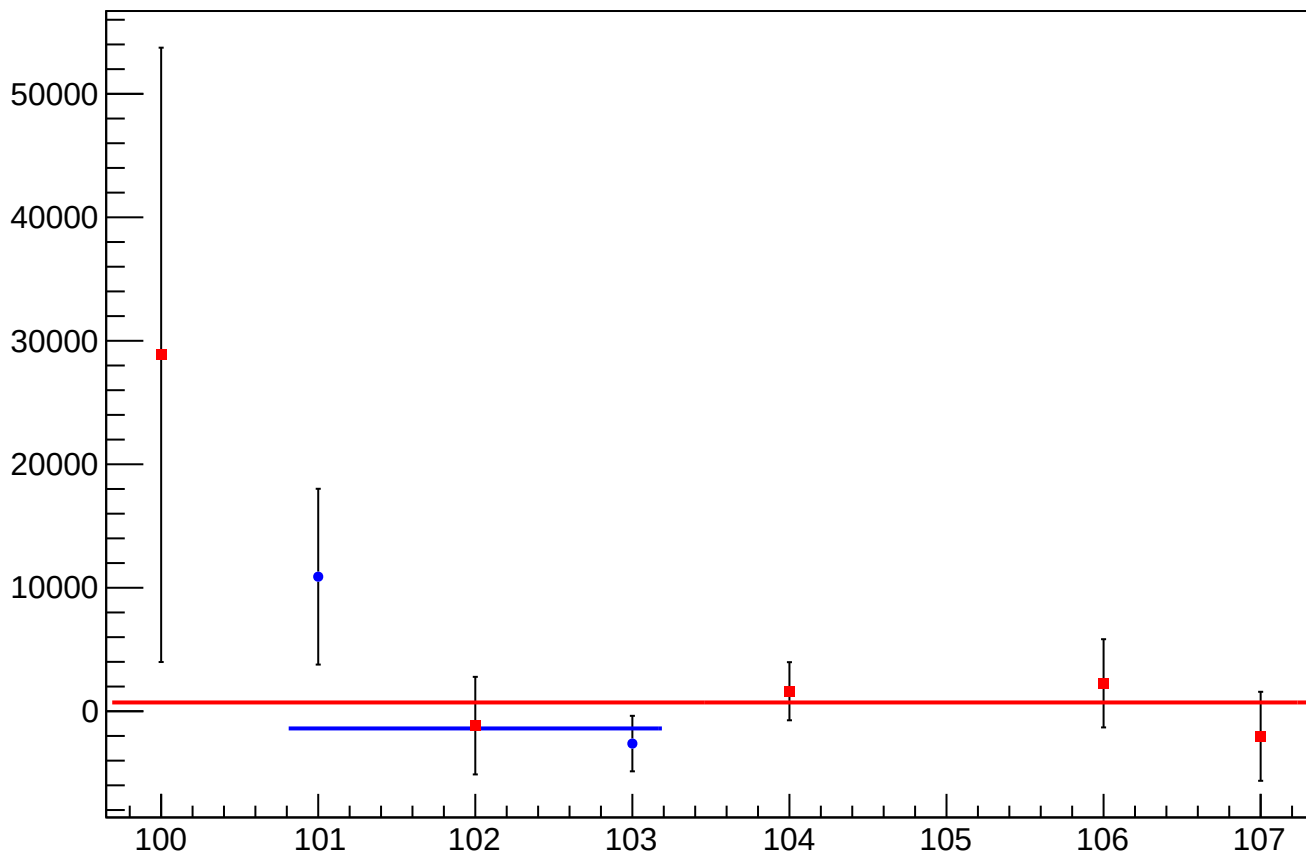
Right: 2463.457+/-1.016 χ^2/NDF : 191548.4/6

In: 2658.893+/-1.707 χ^2/NDF : 66297.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2463.457+/-1.016 χ^2/NDF : 191548.4/6

eigen_dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -1392.859+/-2143.345 χ^2/NDF : 3.3/1

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

Right Out: 711.453+/-1577.834 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

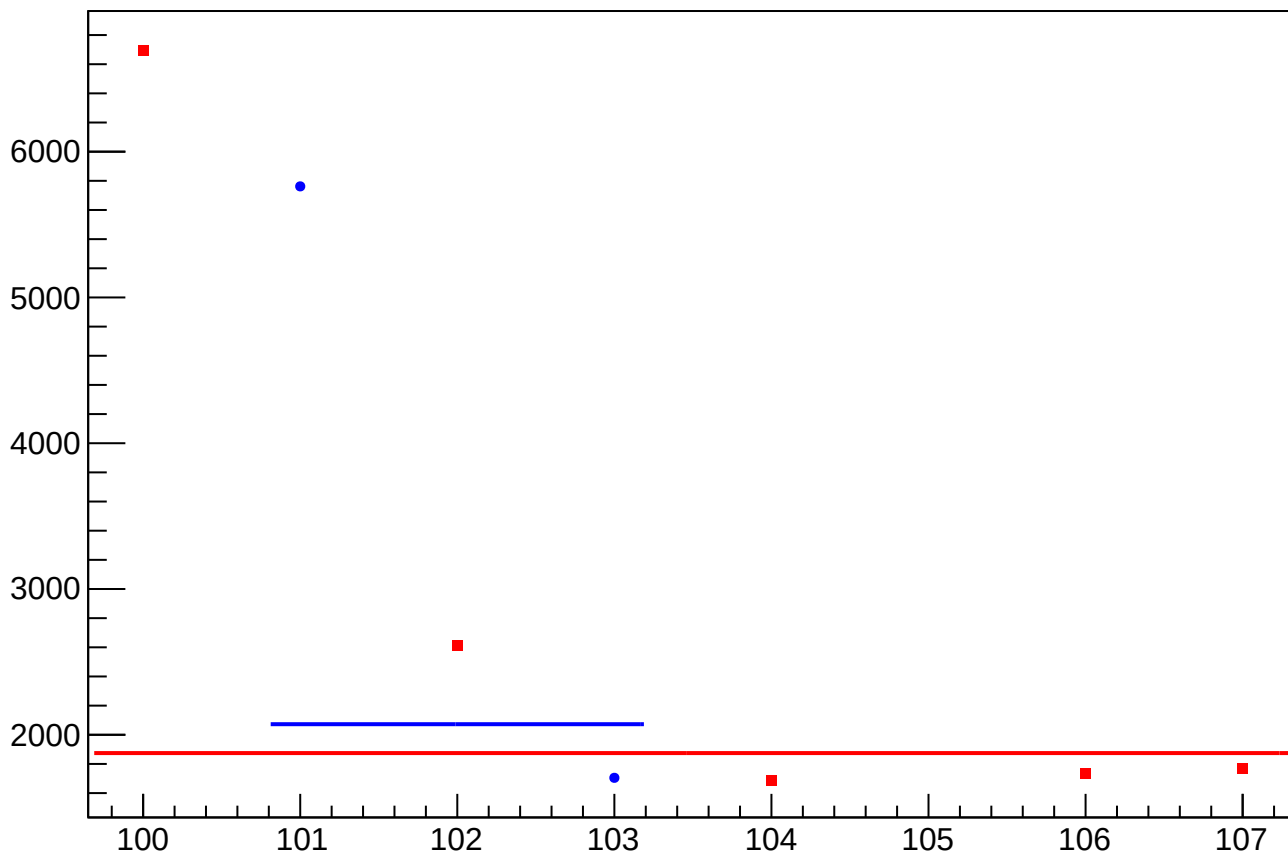
Right: -28.128+/-1270.661 χ^2/NDF : 6.3/6

In: -1392.859+/-2143.345 χ^2/NDF : 3.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.128+/-1270.661 χ^2/NDF : 6.3/6

eigen_dit_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 2072.606 $\pm$ 1.516 χ^2 /NDF: 590810.7/1

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

Right Out: 1874.520 $\pm$ 1.097 χ^2 /NDF: 163330.4/4

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

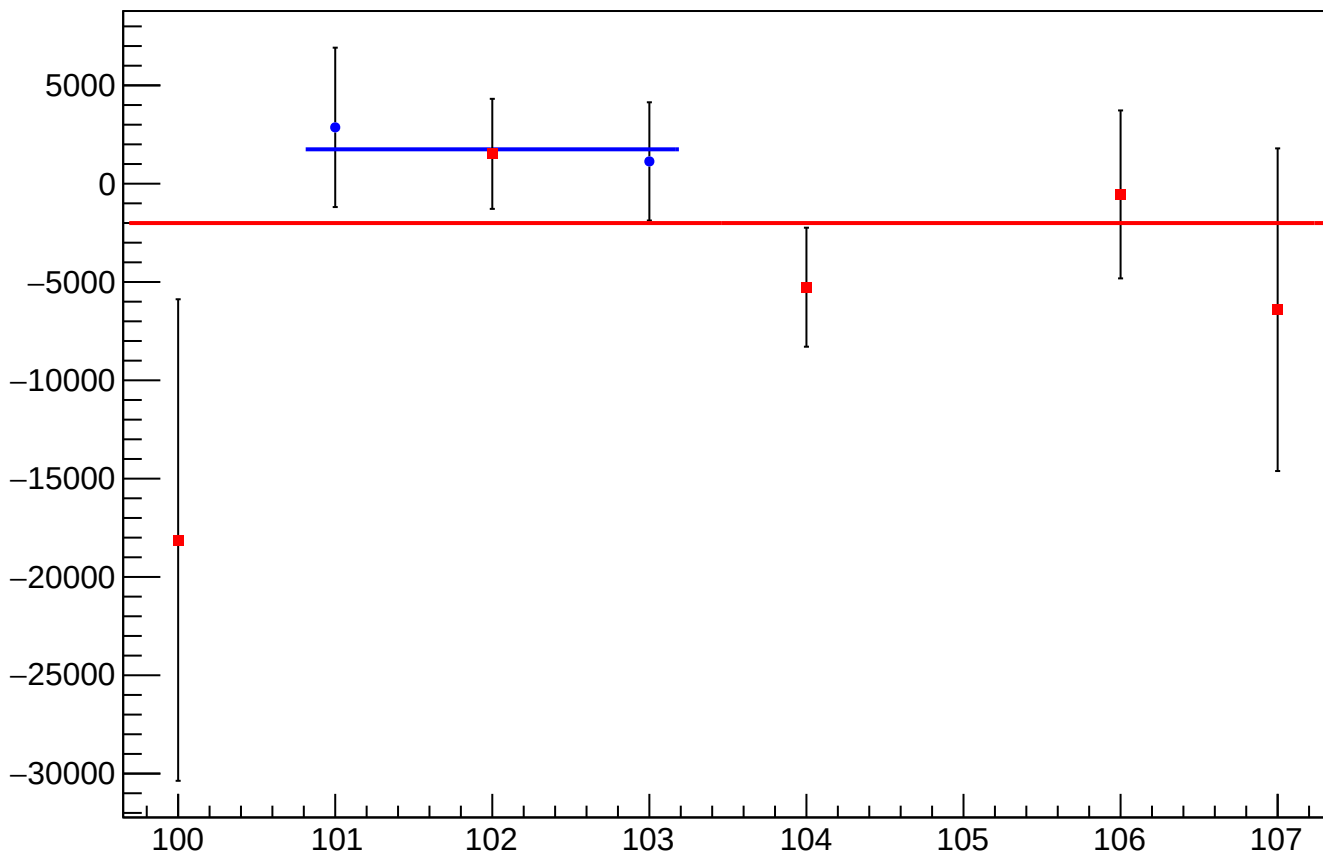
Right: 1942.653 $\pm$ 0.889 χ^2 /NDF: 765348.1/6

In: 2072.606 $\pm$ 1.516 χ^2 /NDF: 590810.7/1

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

All: 1942.653 $\pm$ 0.889 χ^2 /NDF: 765348.1/6

asym_atr1l2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1747.537 $\pm$ 2414.466 χ^2 /NDF: 0.1/1

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

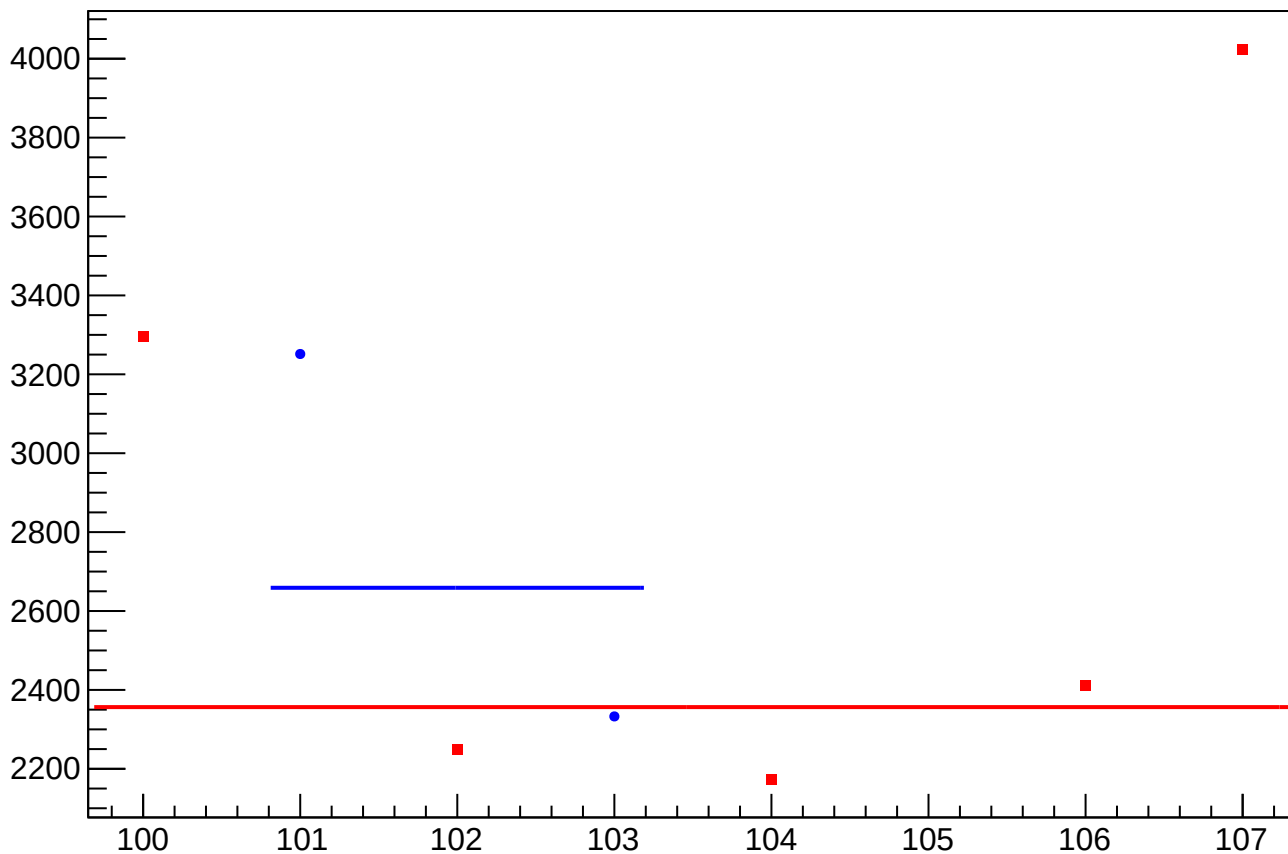
Right: -675.624 $\pm$ 1436.194 χ^2 /NDF: 6.6/6

In: 1747.537 $\pm$ 2414.466 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -675.624 $\pm$ 1436.194 χ^2 /NDF: 6.6/6

asym_atr1l2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2658.893+/-1.707 χ^2/NDF : 66297.1/1

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

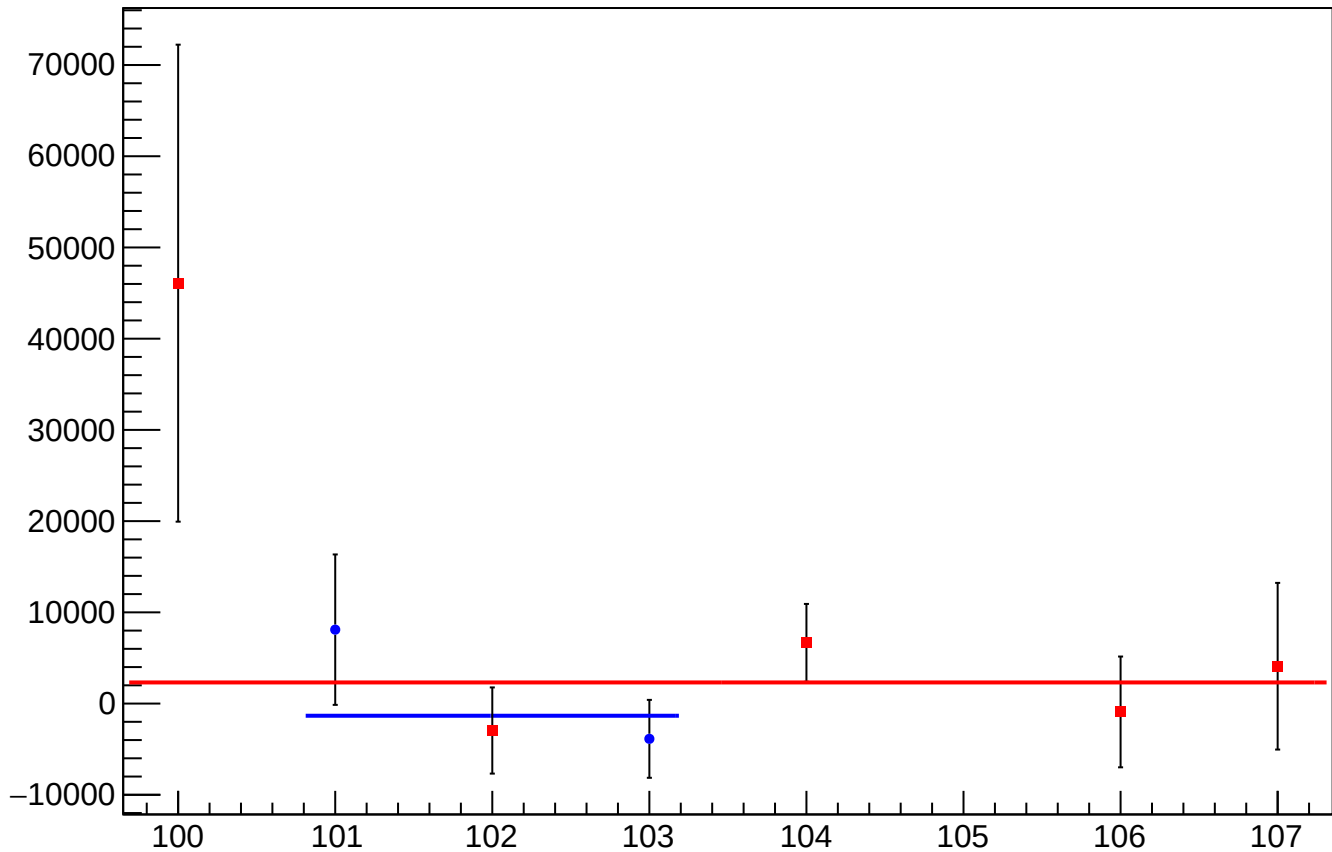
Right: 2463.458+/-1.016 χ^2/NDF : 191546.9/6

In: 2658.893+/-1.707 χ^2/NDF : 66297.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2463.458+/-1.016 χ^2/NDF : 191546.9/6

asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -1334.654+/-3792.107 χ^2/NDF : 1.7/1

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

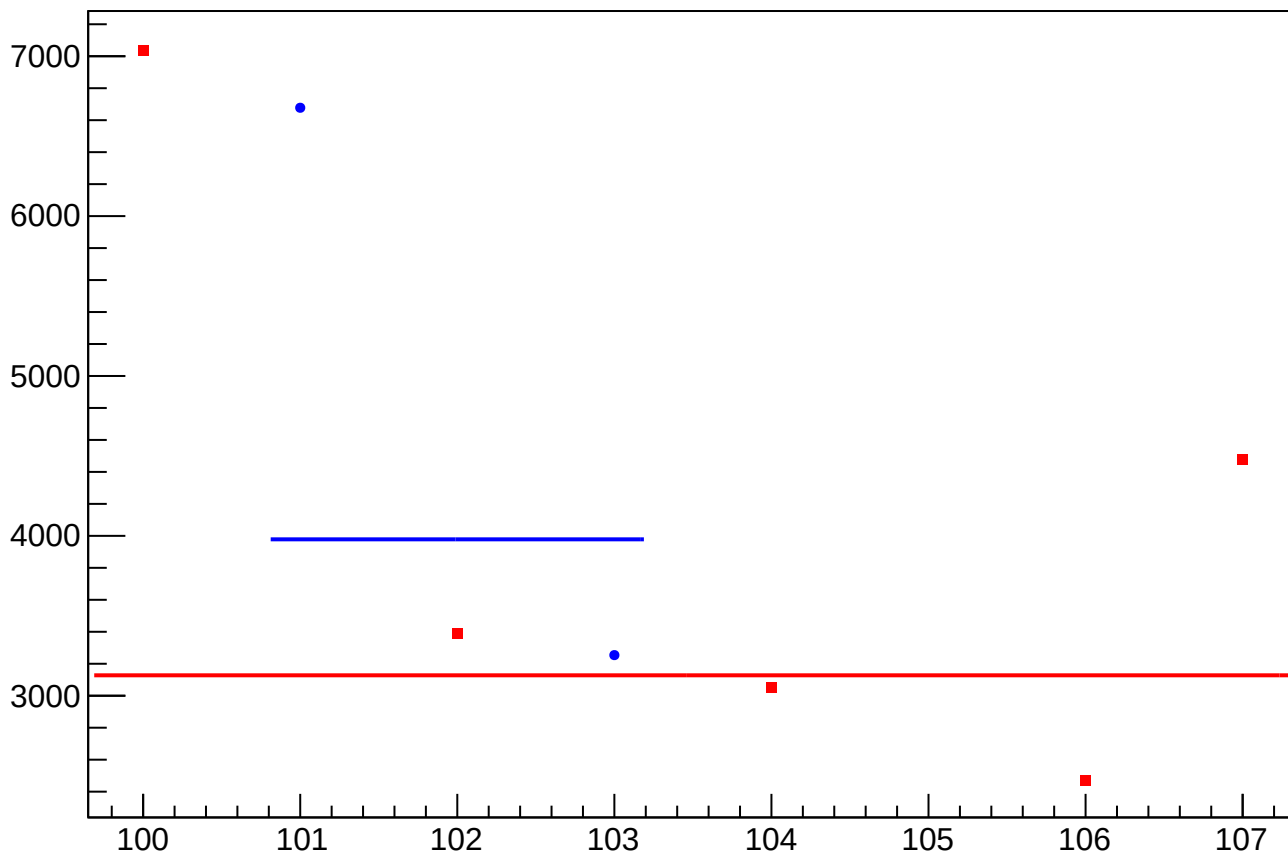
Right: 1106.272+/-2182.786 χ^2/NDF : 7.7/6

In: -1334.654+/-3792.107 χ^2/NDF : 1.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1106.272+/-2182.786 χ^2/NDF : 7.7/6

asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 3978.239+/-2.681 χ^2/NDF : 271898.9/1

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

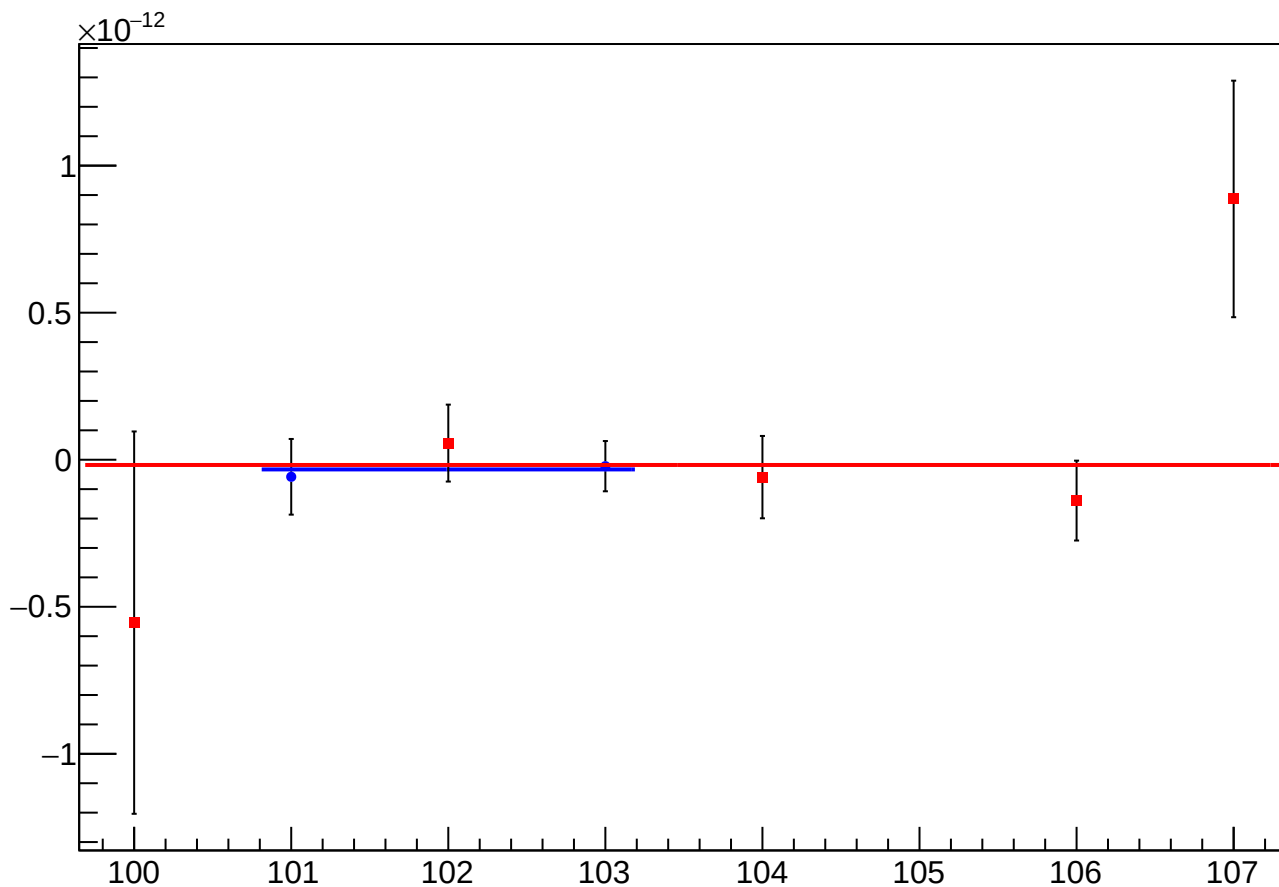
Right: 3387.858+/-1.483 χ^2/NDF : 475358.7/6

In: 3978.239+/-2.681 χ^2/NDF : 271898.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3387.858+/-1.483 χ^2/NDF : 475358.7/6

asym_atr1l2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.1/1

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

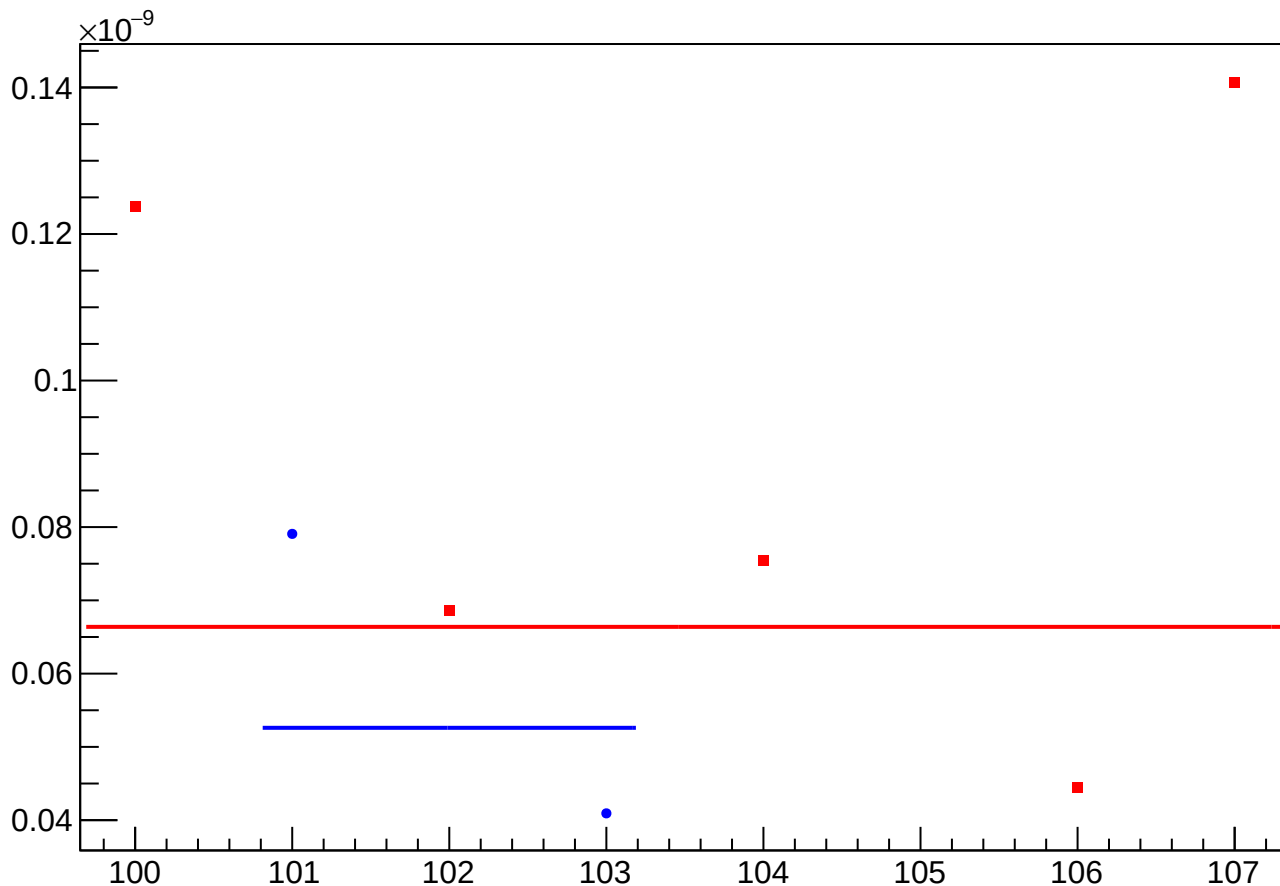
Right: -0.000+/-0.000 χ^2 /NDF: 7.0/6

In: -0.000+/-0.000 χ^2 /NDF:0.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 7.0/6

asym_atr1l2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 121980.8/1

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

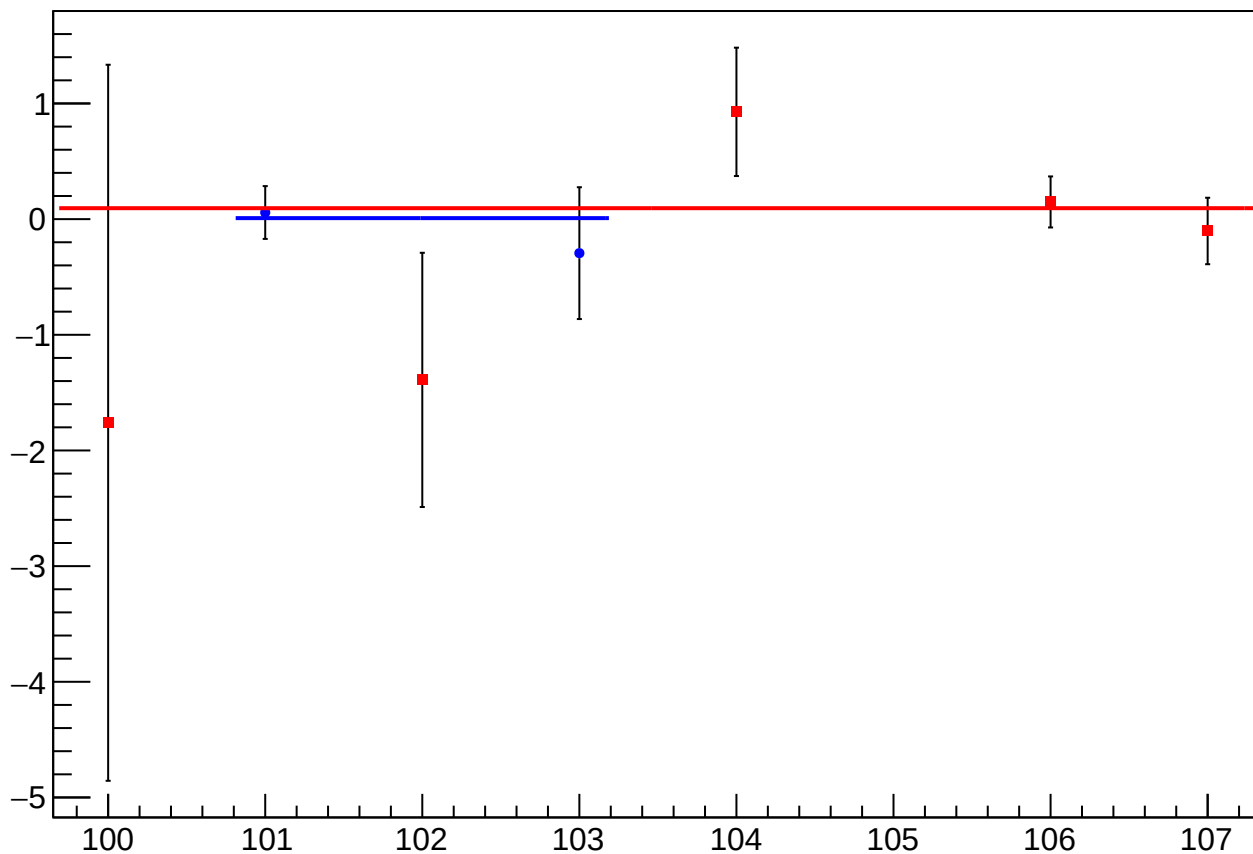
Right: 0.000+/-0.000 χ^2/NDF : 301981.8/6

In: 0.000+/-0.000 χ^2/NDF : 121980.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 301981.8/6

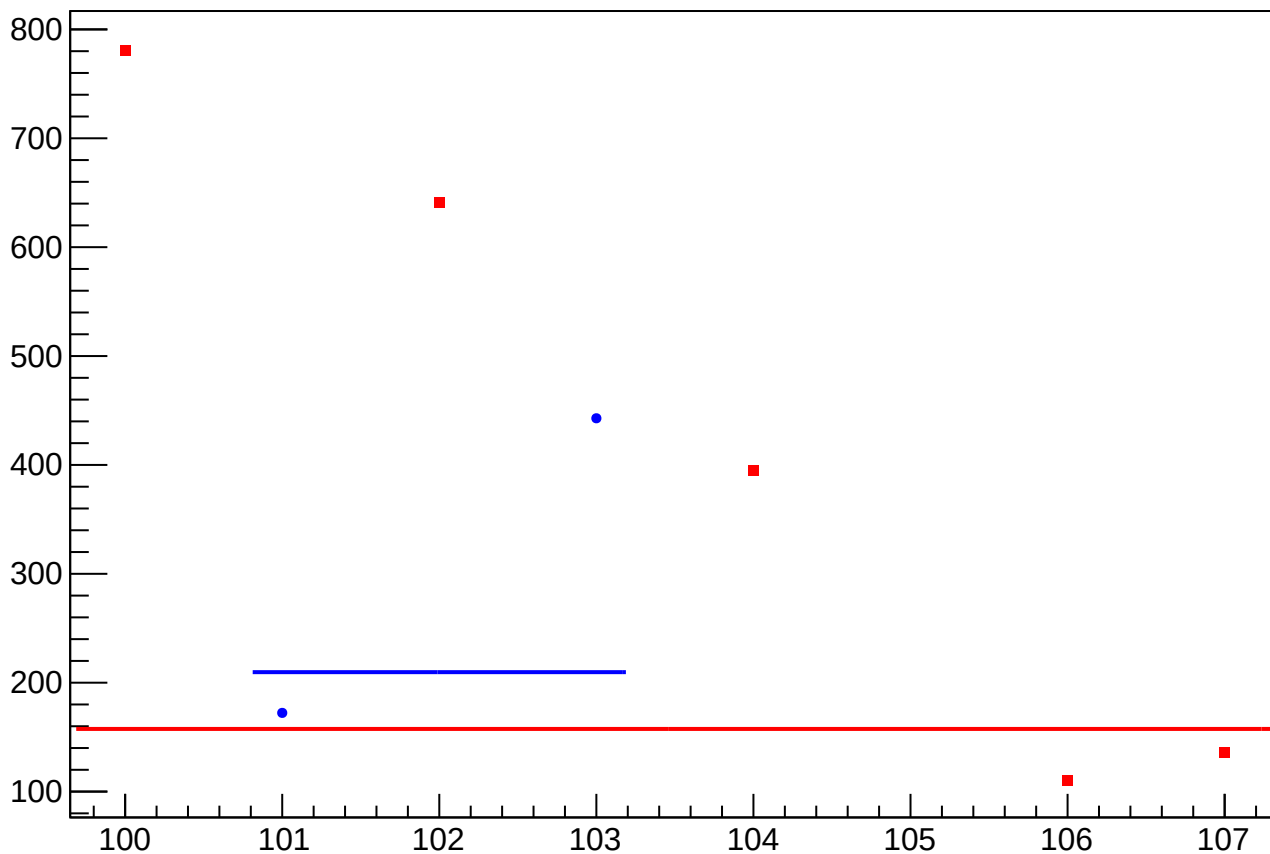
asym_atr1l2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.212 χ^2 /NDF: 0.3/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 0.095 $\pm$ 0.165 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: 0.062 $\pm$ 0.130 χ^2 /NDF: 5.4/6
 In: 0.009 $\pm$ 0.212 χ^2 /NDF: 0.3/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.062 $\pm$ 0.130 χ^2 /NDF: 5.4/6

asym_atr1l2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 209.680+/-0.150 χ^2/NDF : 388648.2/1

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

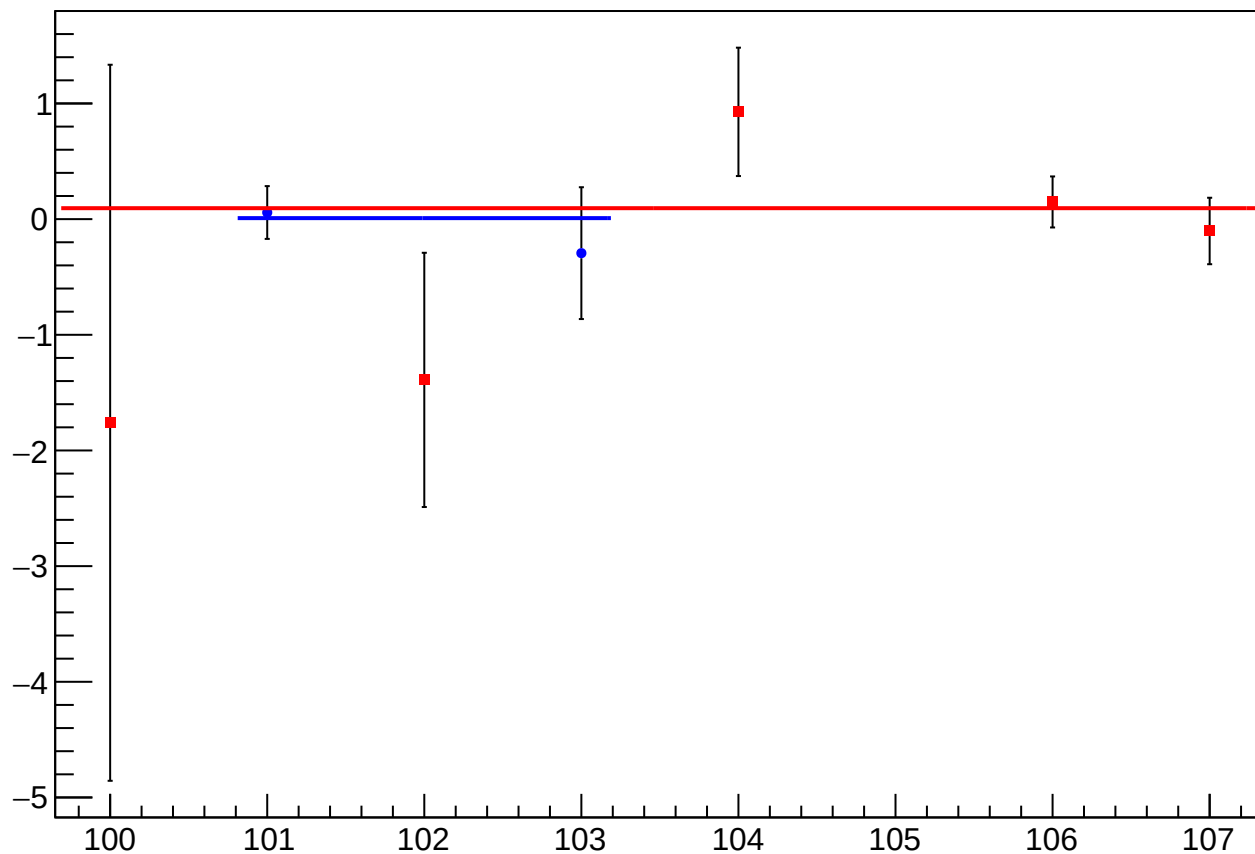
Right: 177.183+/-0.092 χ^2/NDF : 1402980.9/6

In: 209.680+/-0.150 χ^2/NDF : 388648.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.183+/-0.092 χ^2/NDF : 1402980.9/6

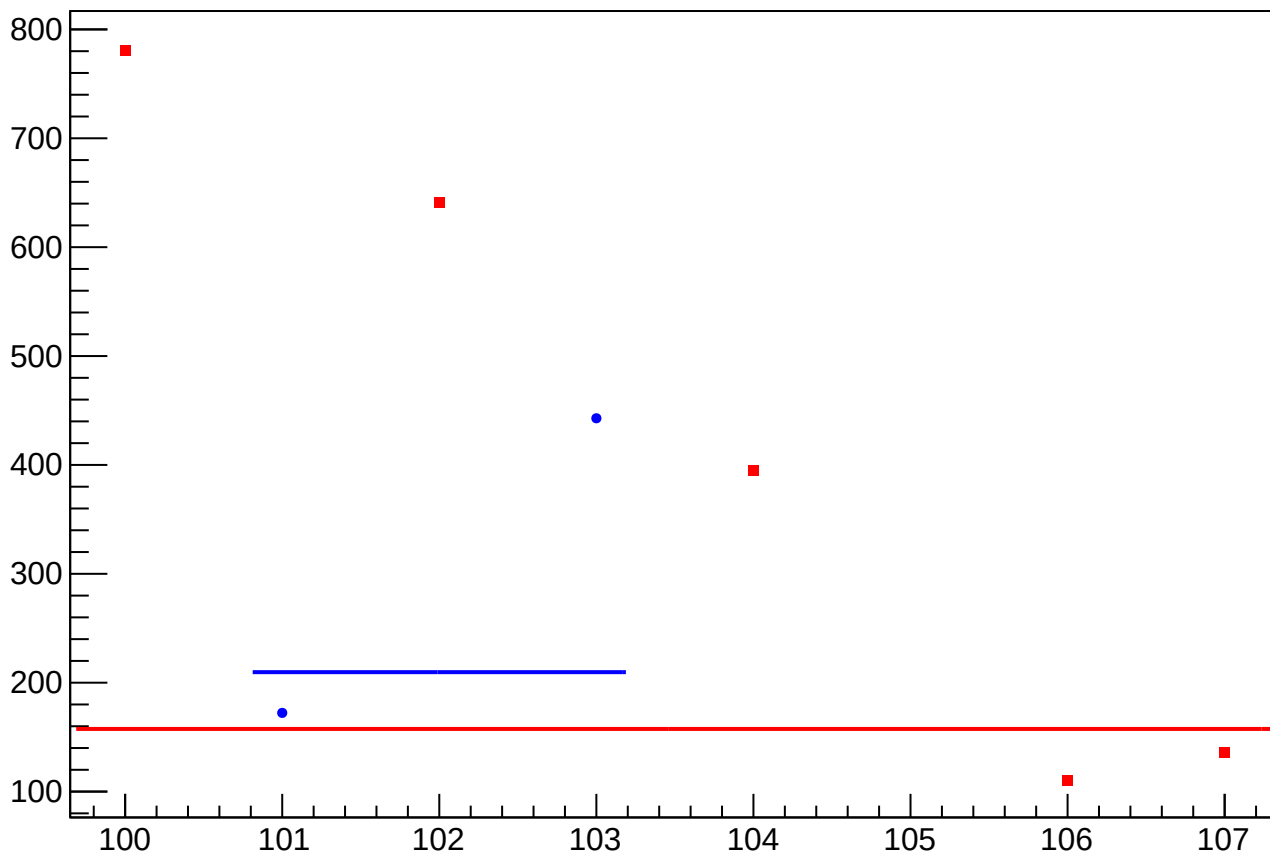
asym_atr1l2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.212 χ^2 /NDF: 0.3/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.095 $\pm$ 0.165 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: 0.062 $\pm$ 0.130 χ^2 /NDF: 5.4/6
 In: 0.009 $\pm$ 0.212 χ^2 /NDF:0.3/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.062 $\pm$ 0.130 χ^2 /NDF: 5.4/6

asym_atr1l2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 209.680+/-0.150 χ^2/NDF : 388648.2/1

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

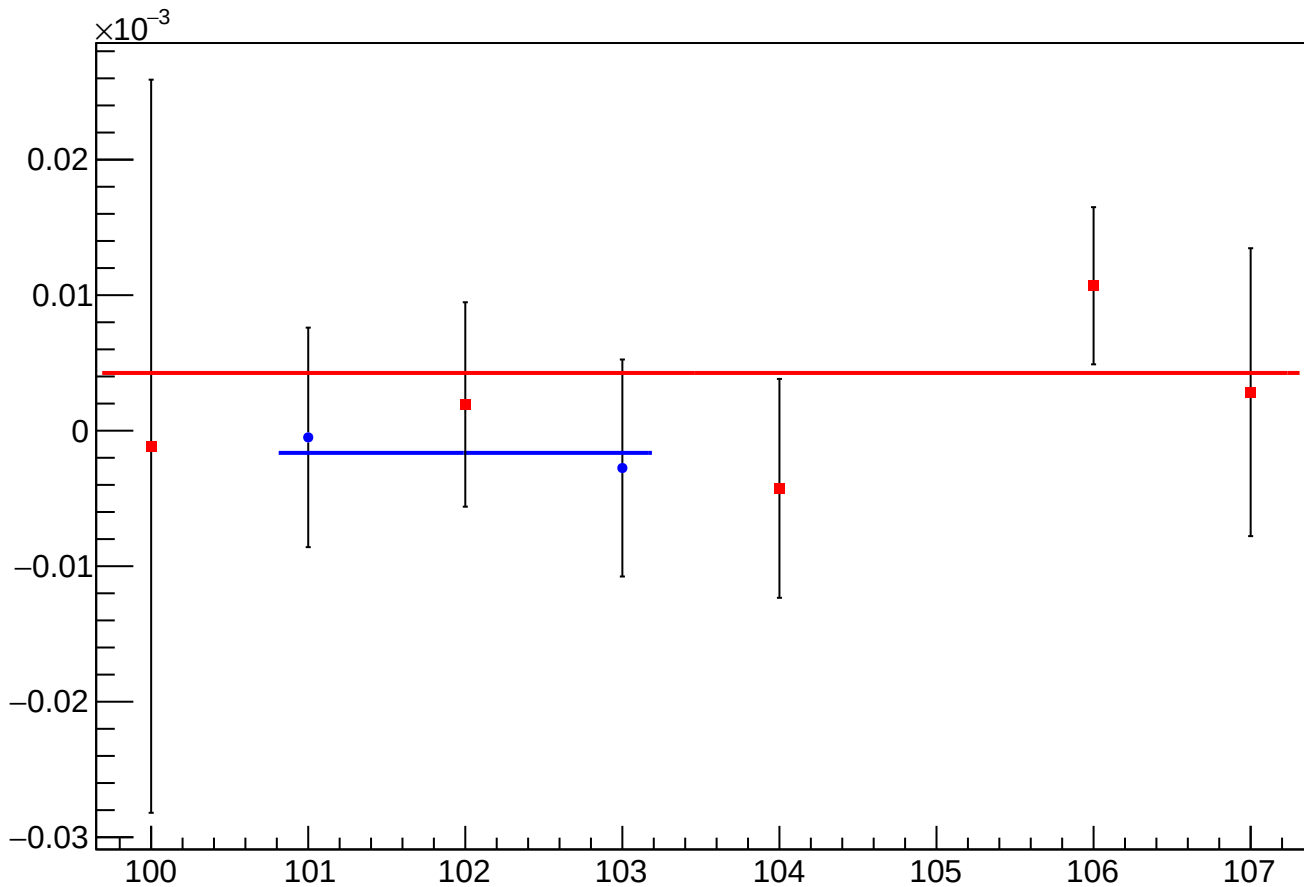
Right: 177.183+/-0.092 χ^2/NDF : 1402980.9/6

In: 209.680+/-0.150 χ^2/NDF : 388648.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.183+/-0.092 χ^2/NDF : 1402980.9/6

asym_atr1l2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.0/1

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

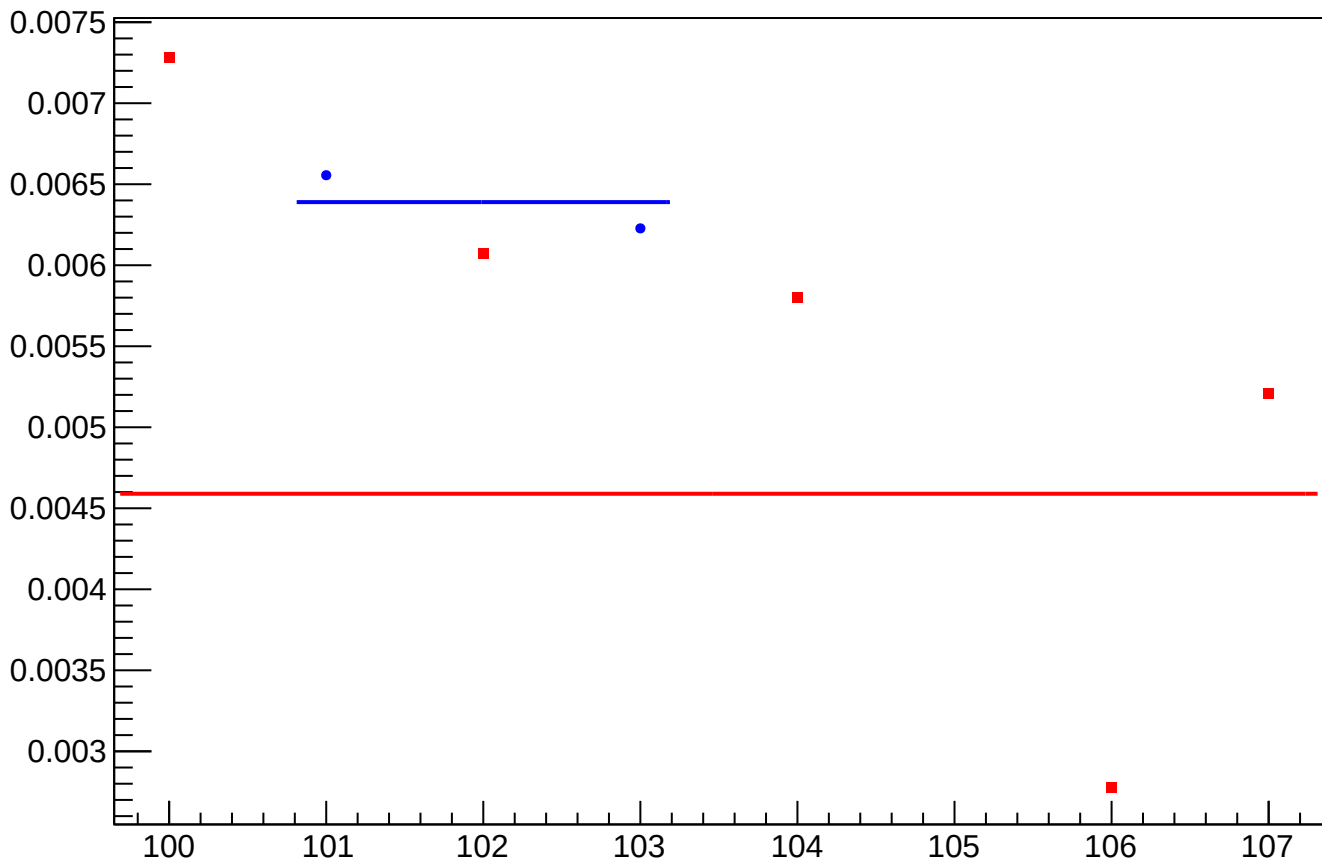
Right: 0.000+/-0.000 χ^2 /NDF: 3.3/6

In: -0.000+/-0.000 χ^2 /NDF:0.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 3.3/6

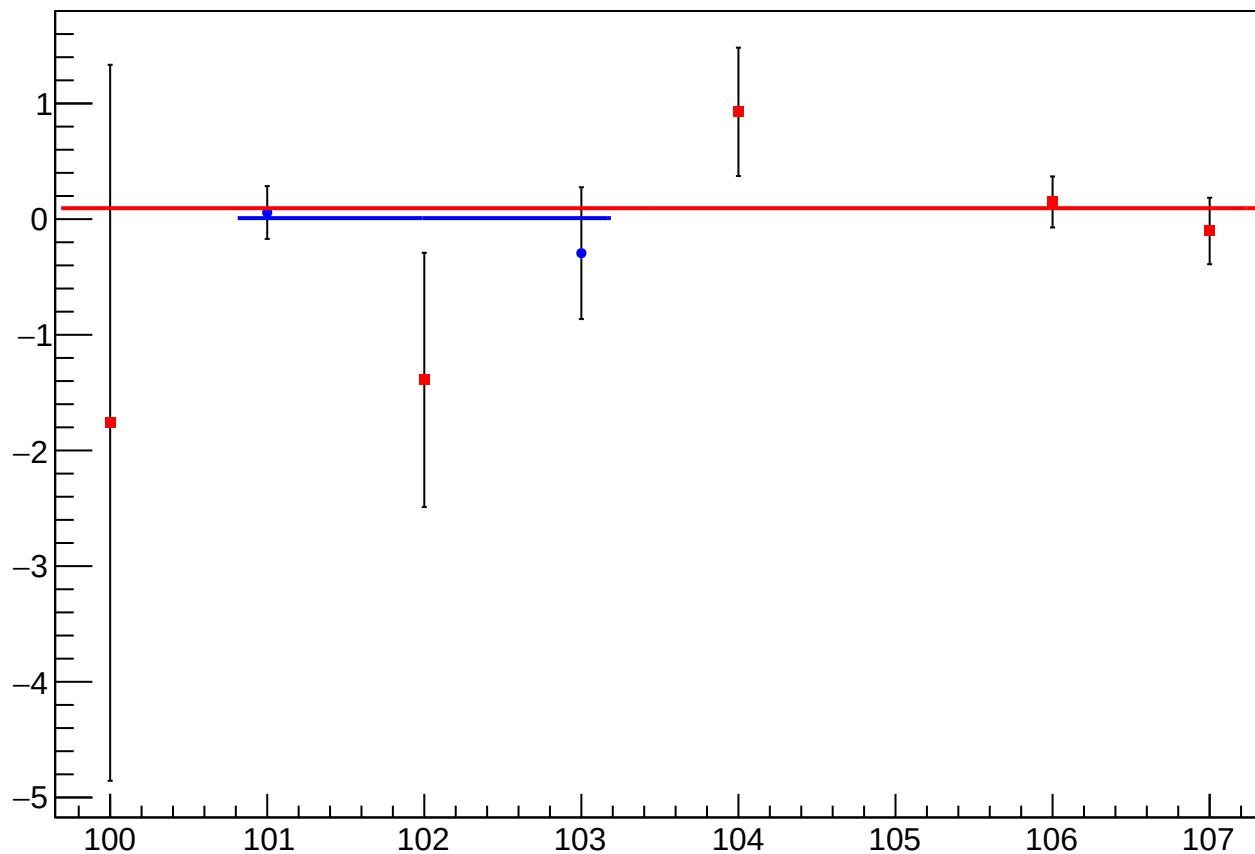
asym_atr1l2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006 $\pm$ 0.000 χ^2 /NDF: 1659.7/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.005 $\pm$ 0.000 χ^2 /NDF: 344157.5/4
 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: 0.005 $\pm$ 0.000 χ^2 /NDF: 486258.6/6
 In: 0.006 $\pm$ 0.000 χ^2 /NDF:1659.7/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.005 $\pm$ 0.000 χ^2 /NDF: 486258.6/6

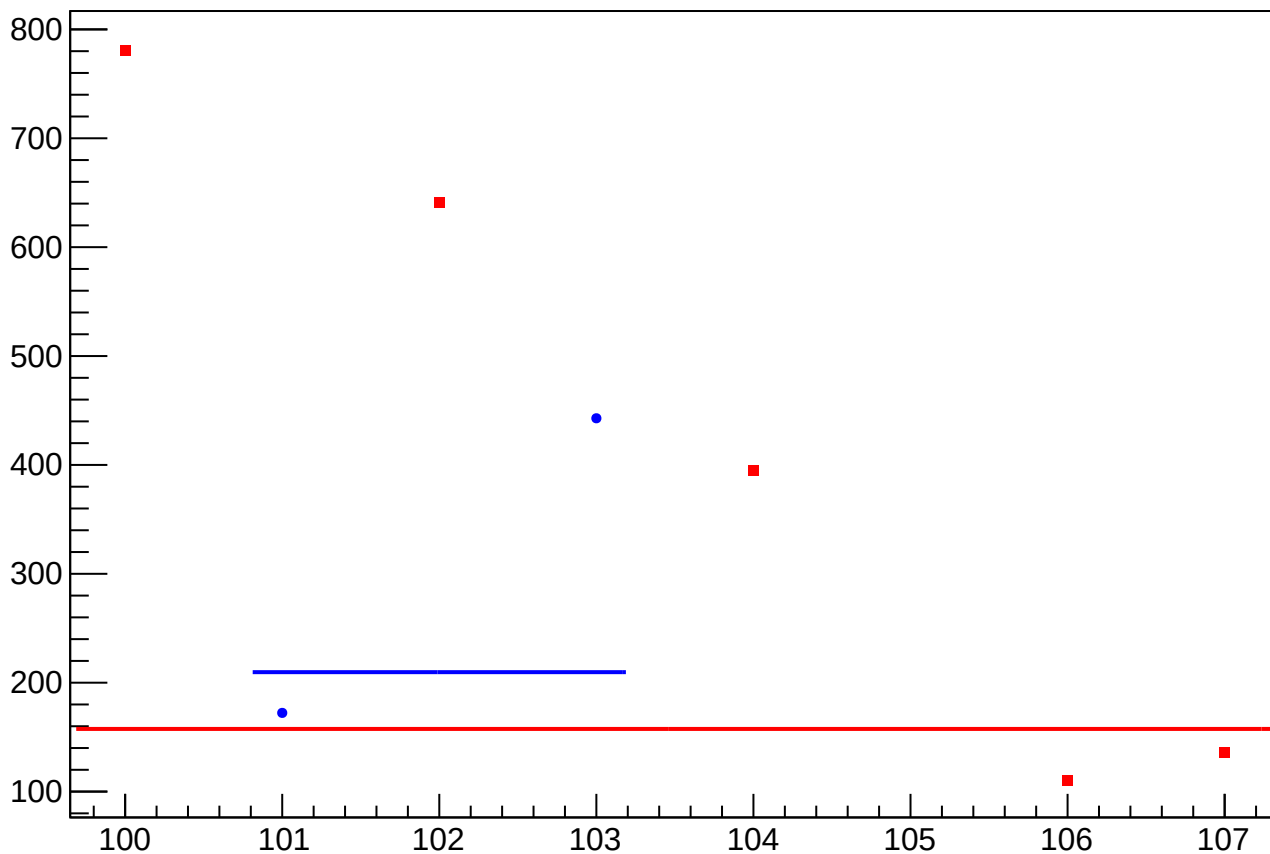
asym_atr1l2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.212 χ^2 /NDF: 0.3/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.095 $\pm$ 0.165 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: 0.062 $\pm$ 0.130 χ^2 /NDF: 5.4/6
 In: 0.009 $\pm$ 0.212 χ^2 /NDF:0.3/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.062 $\pm$ 0.130 χ^2 /NDF: 5.4/6

asym_atr1l2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 209.675+/-0.150 χ^2/NDF : 388659.6/1

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

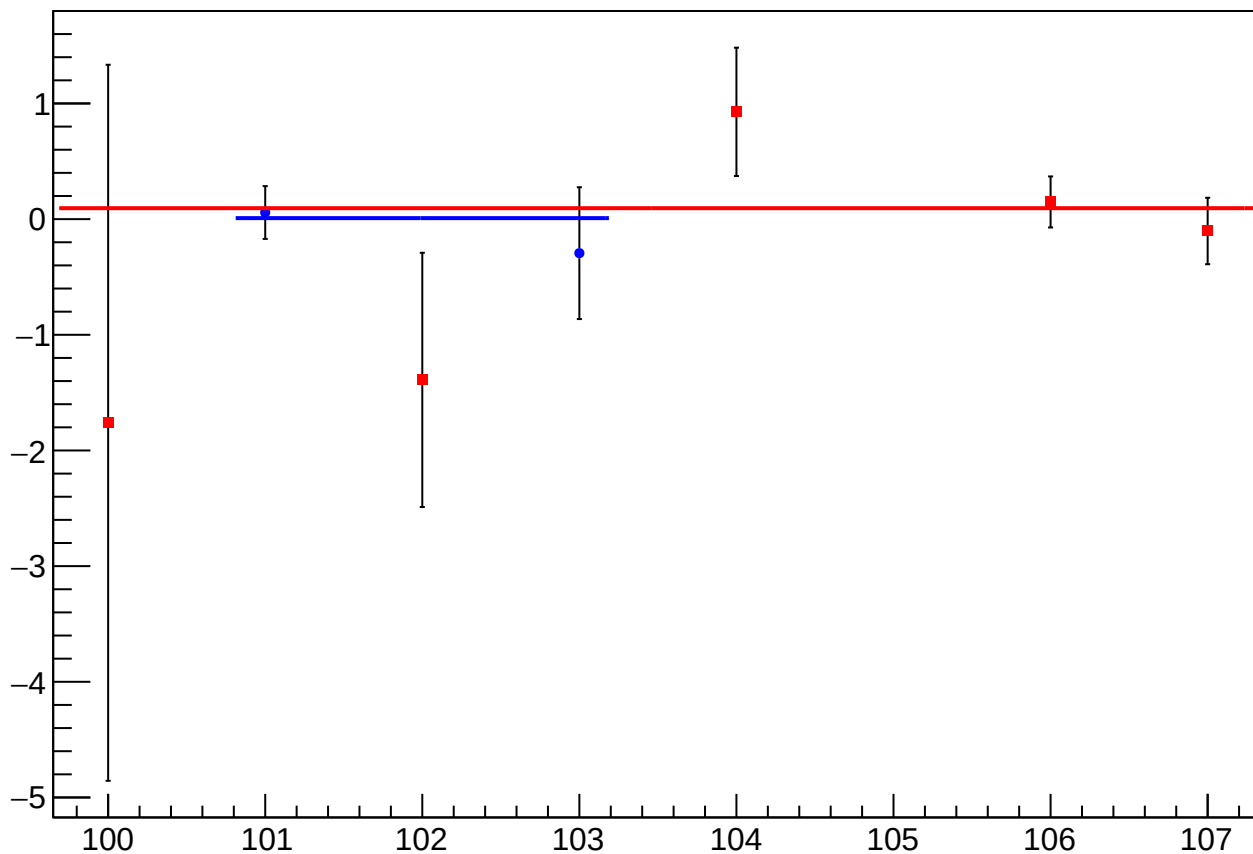
Right: 177.182+/-0.092 χ^2/NDF : 1402978.0/6

In: 209.675+/-0.150 χ^2/NDF : 388659.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.182+/-0.092 χ^2/NDF : 1402978.0/6

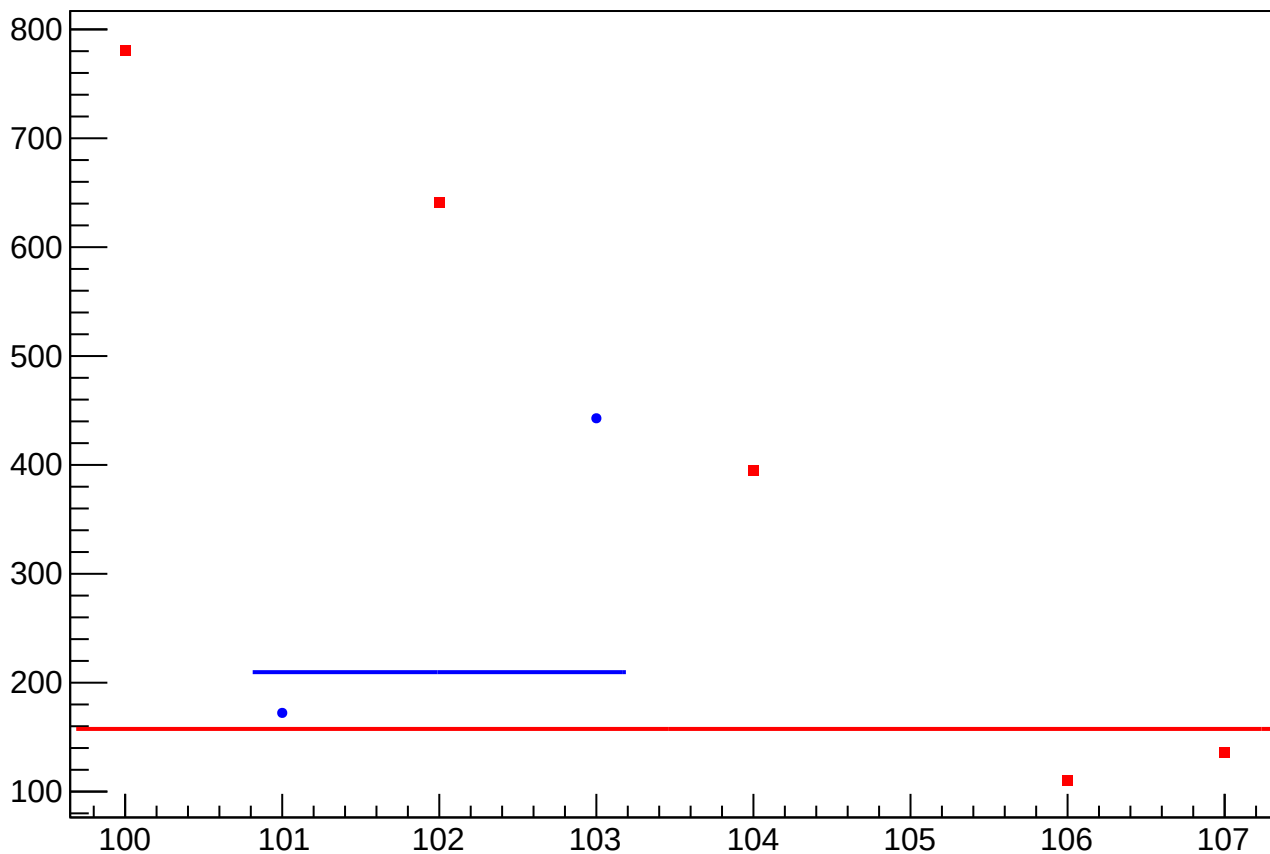
asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.212 χ^2 /NDF: 0.3/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 0.095 $\pm$ 0.165 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: 0.062 $\pm$ 0.130 χ^2 /NDF: 5.4/6
 In: 0.009 $\pm$ 0.212 χ^2 /NDF: 0.3/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.062 $\pm$ 0.130 χ^2 /NDF: 5.4/6

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 209.675+/-0.150 χ^2/NDF : 388659.6/1

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

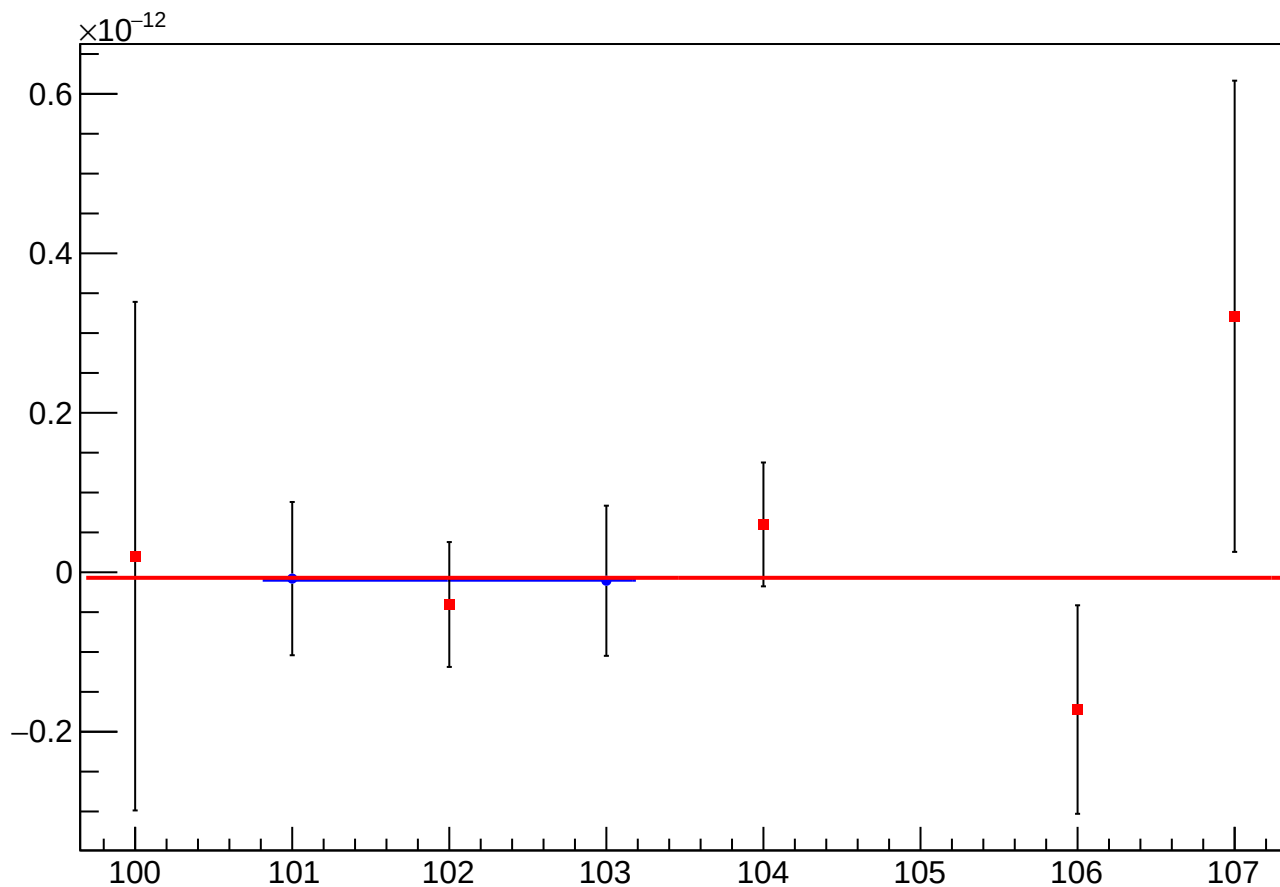
Right: 177.182+/-0.092 χ^2/NDF : 1402978.0/6

In: 209.675+/-0.150 χ^2/NDF : 388659.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.182+/-0.092 χ^2/NDF : 1402978.0/6

asym_atr1l2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/1

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

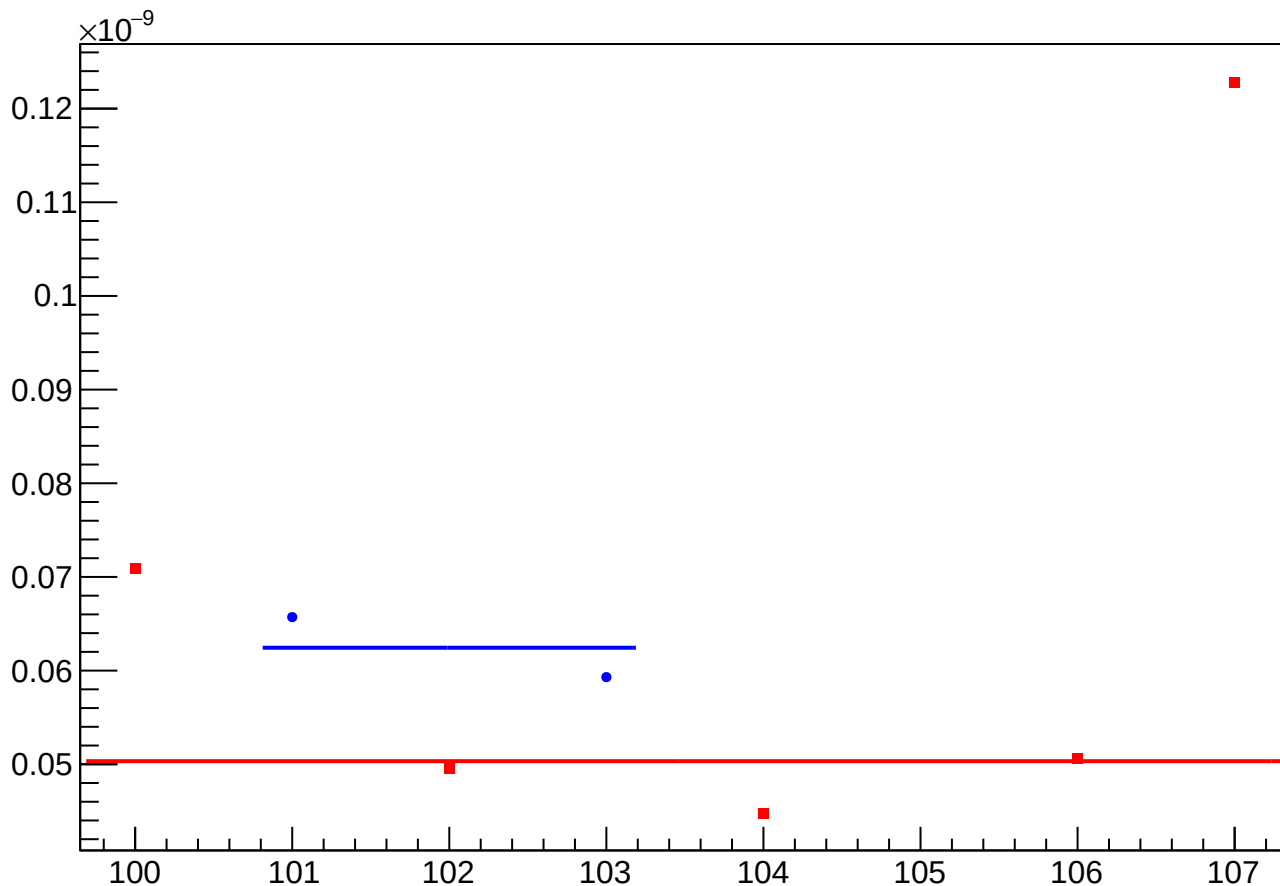
Right: -0.000+/-0.000 χ^2/NDF : 3.8/6

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.8/6

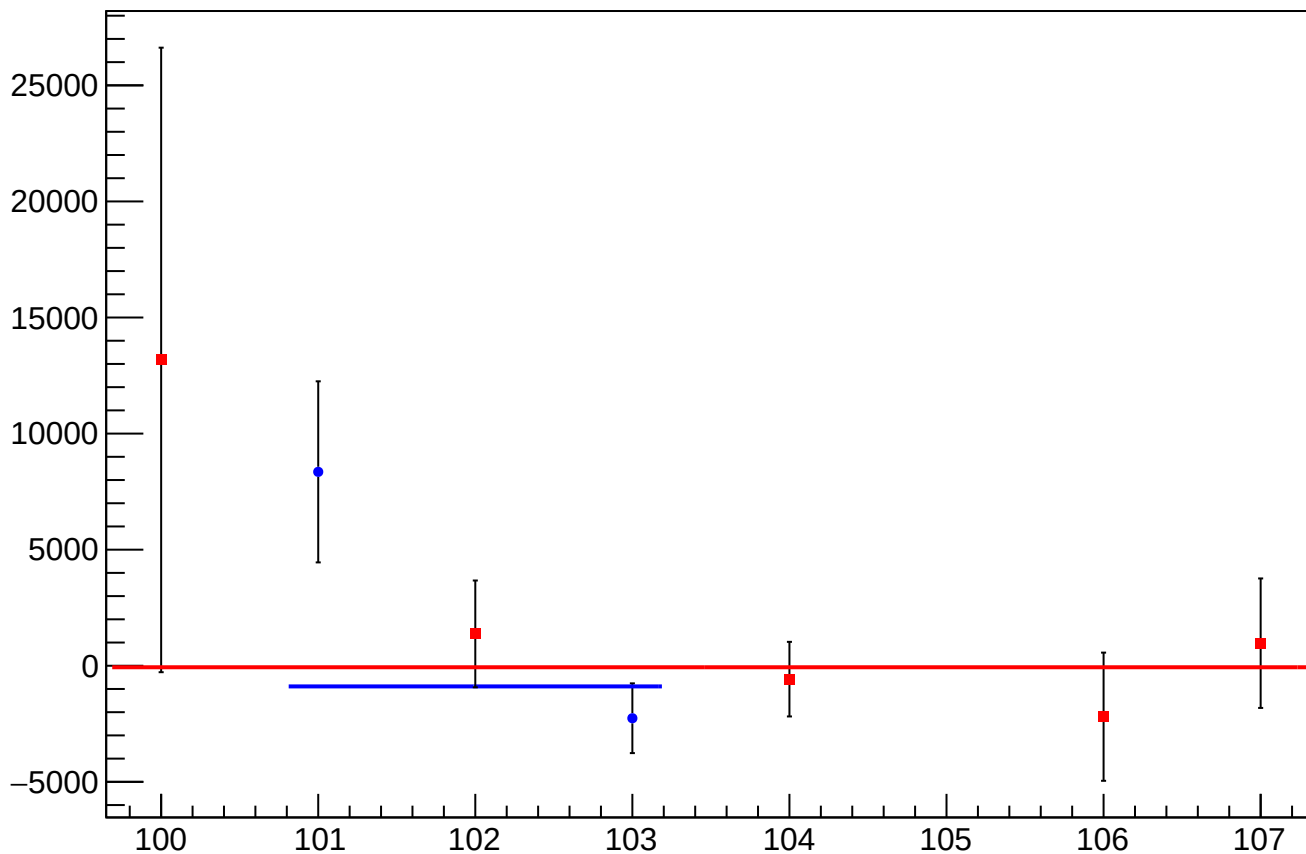
asym_atr1l2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4535.2/1
 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 : 185637.4/6
 In: 0.000+/-0.000 χ^2/NDF : 4535.2/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 185637.4/6

reg_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -889.732+/-1401.633 χ^2/NDF : 6.4/1

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

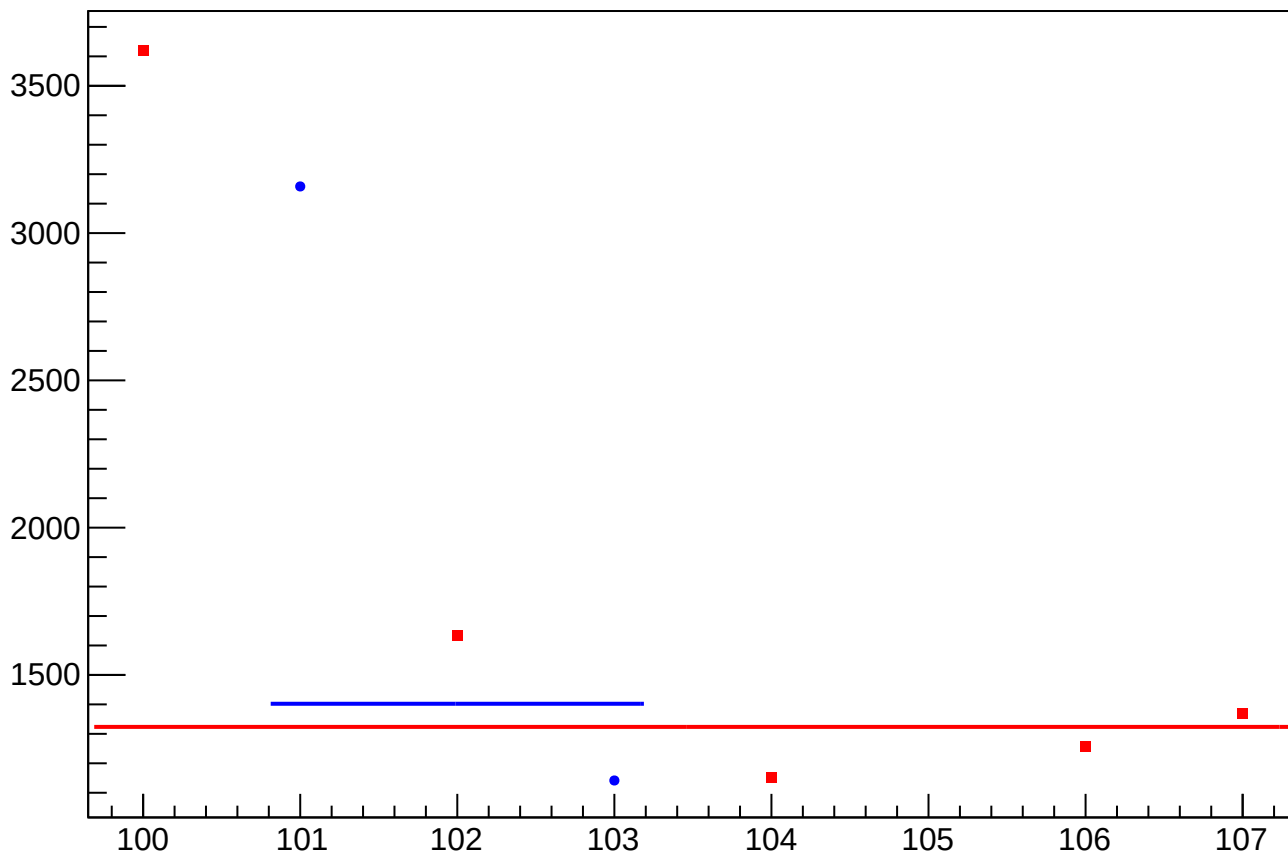
Right: -375.585+/-860.411 χ^2/NDF : 8.9/6

In: -889.732+/-1401.633 χ^2/NDF :6.4/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -375.585+/-860.411 χ^2/NDF : 8.9/6

reg_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1402.128+/-0.991 χ^2/NDF : 465720.1/1

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

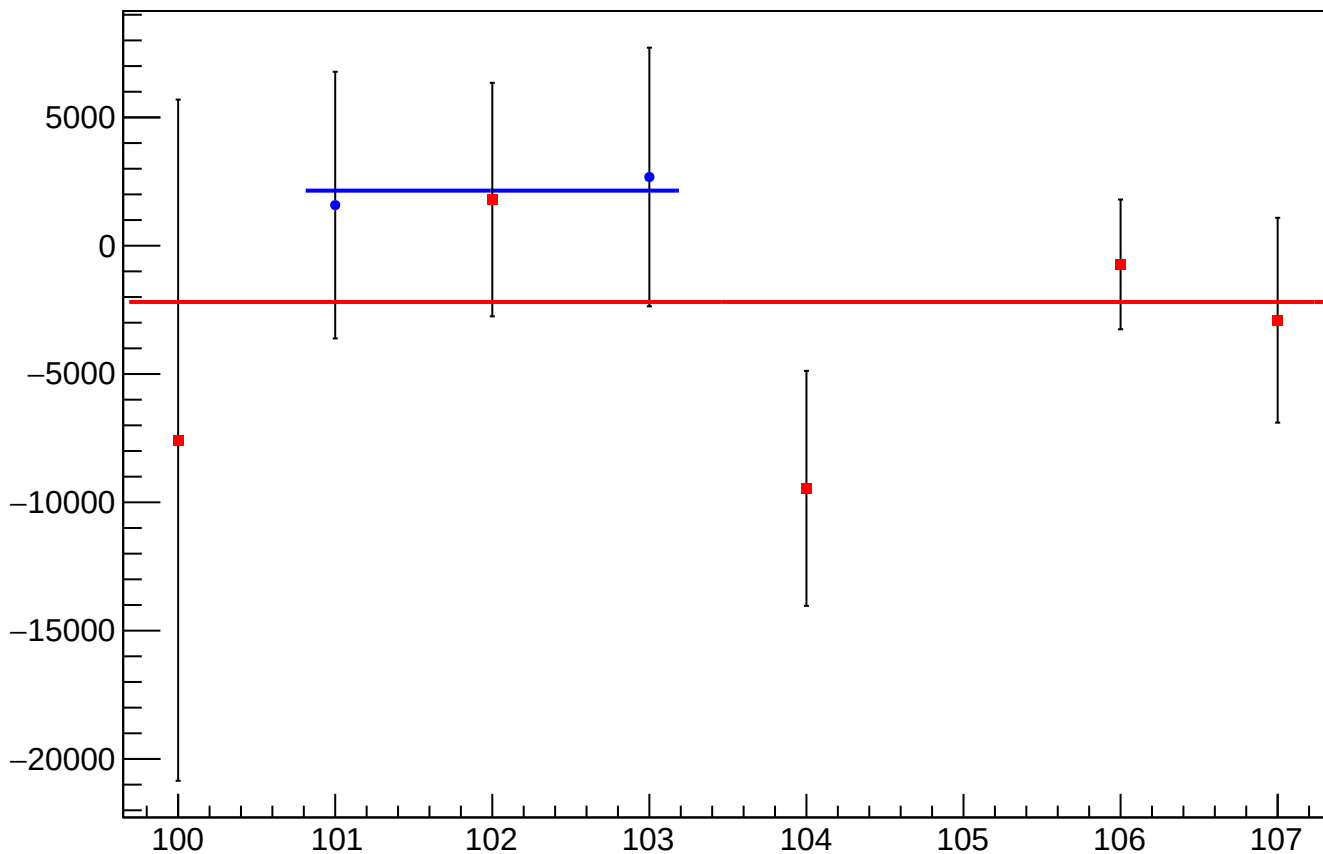
Right: 1352.701+/-0.603 χ^2/NDF : 589432.7/6

In: 1402.128+/-0.991 χ^2/NDF : 465720.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1352.701+/-0.603 χ^2/NDF : 589432.7/6

asym_atl_dd_atr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 2146.539+/-3617.614 χ^2/NDF : 0.0/1

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

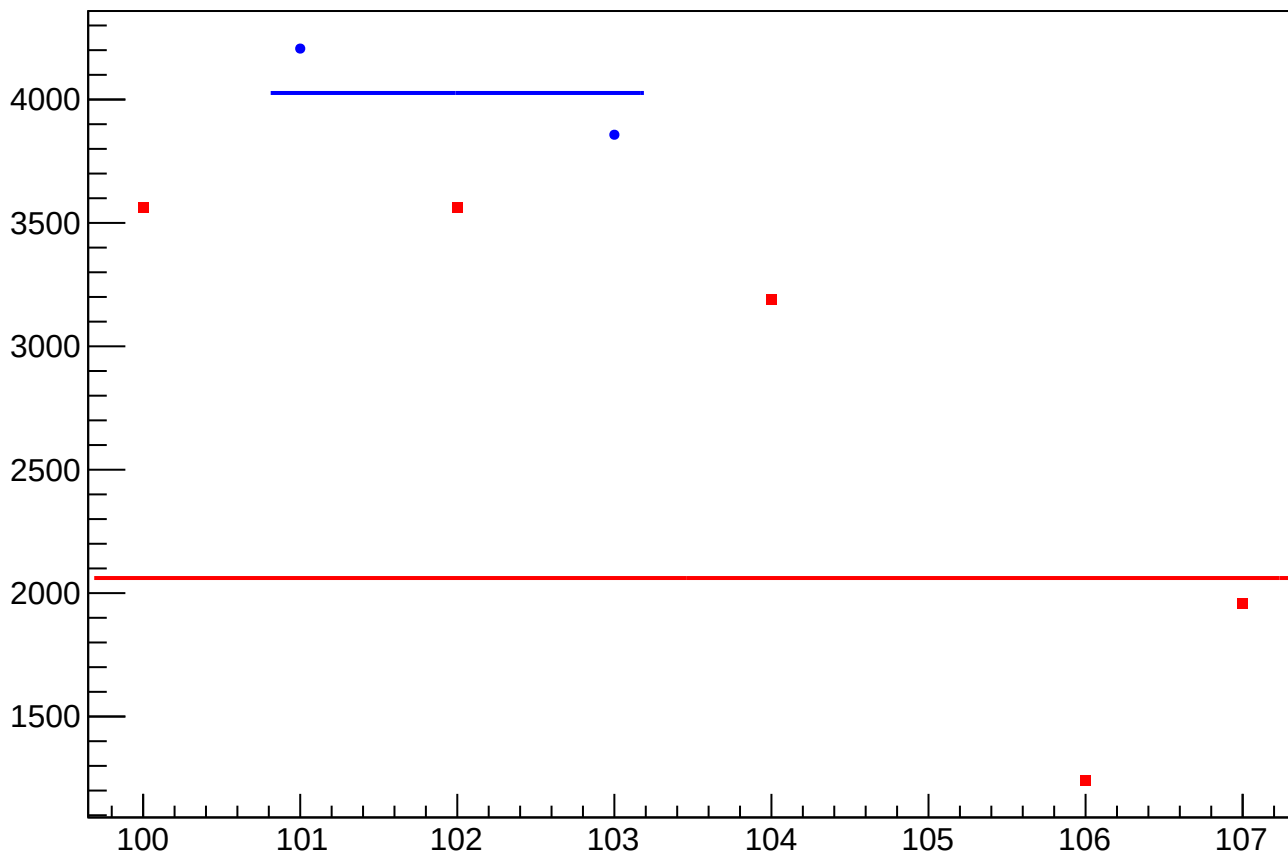
Right: -1357.375+/-1586.690 χ^2/NDF : 5.0/6

In: 2146.539+/-3617.614 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1357.375+/-1586.690 χ^2/NDF : 5.0/6

asym_atl_dd_atr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 4026.541+/-2.558 χ^2/NDF : 4651.2/1

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

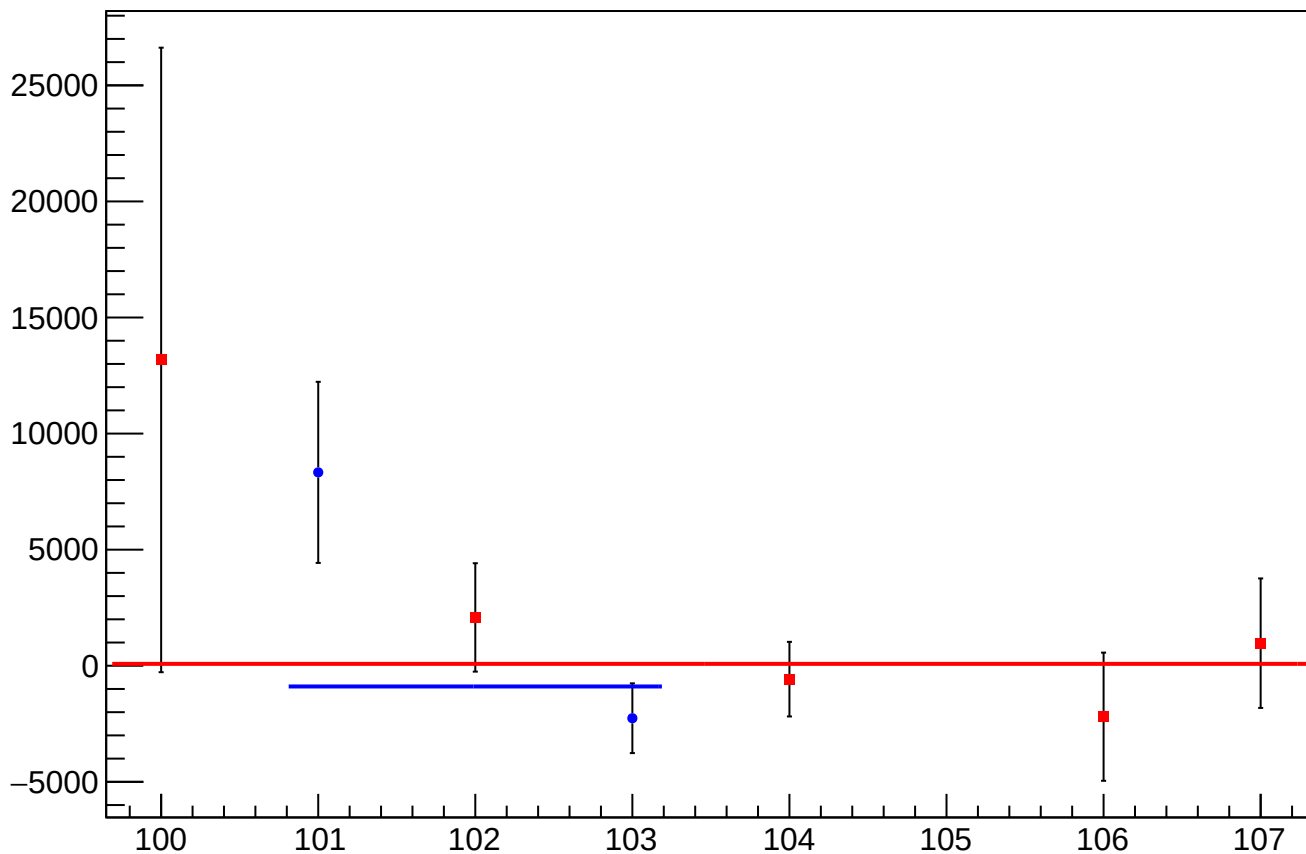
Right: 2439.253+/-1.122 χ^2/NDF : 1057438.8/6

In: 4026.541+/-2.558 χ^2/NDF : 4651.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2439.253+/-1.122 χ^2/NDF : 1057438.8/6

cor_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -892.590+/-1401.635 χ^2/NDF : 6.4/1

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

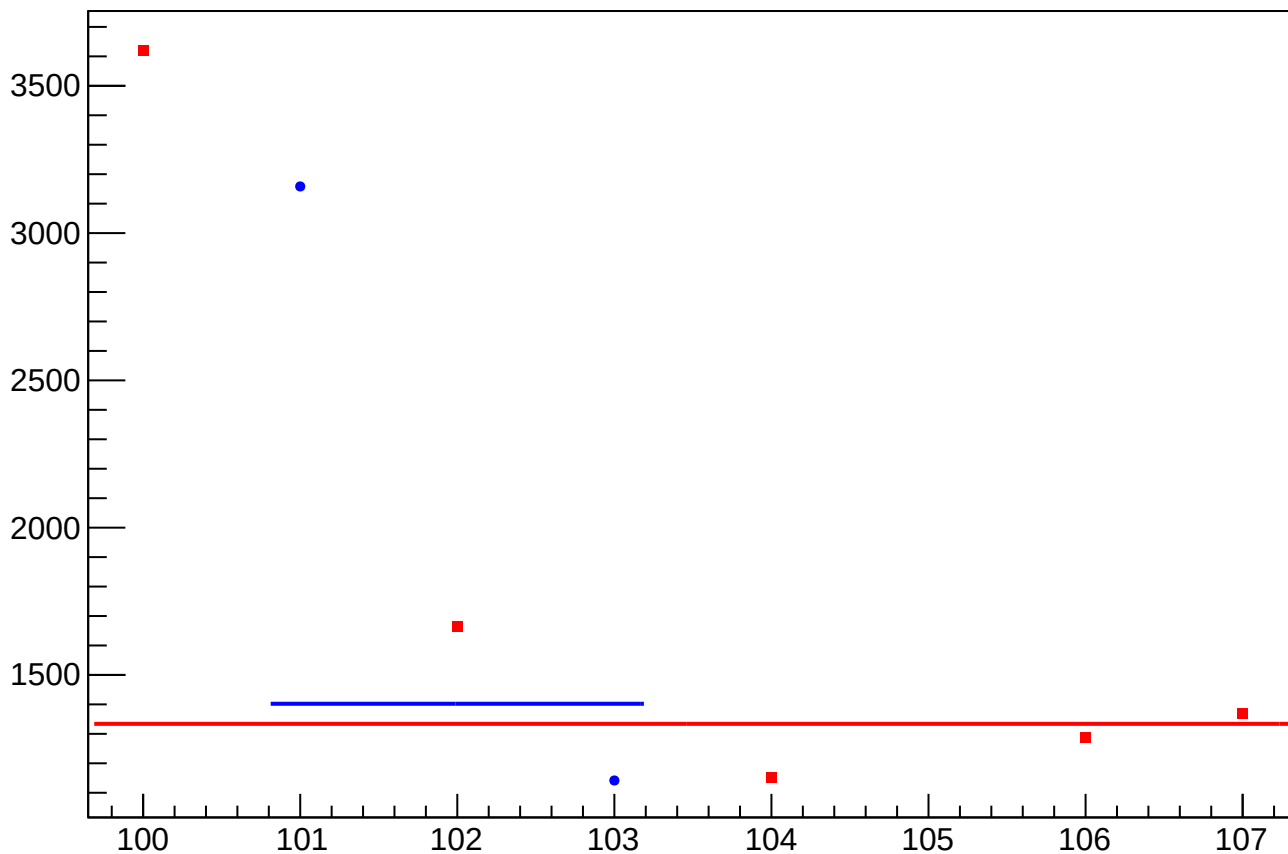
Right: -287.171+/-862.192 χ^2/NDF : 9.4/6

In: -892.590+/-1401.635 χ^2/NDF :6.4/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -287.171+/-862.192 χ^2/NDF : 9.4/6

cor_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1402.126+/-0.991 χ^2/NDF : 465721.9/1

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

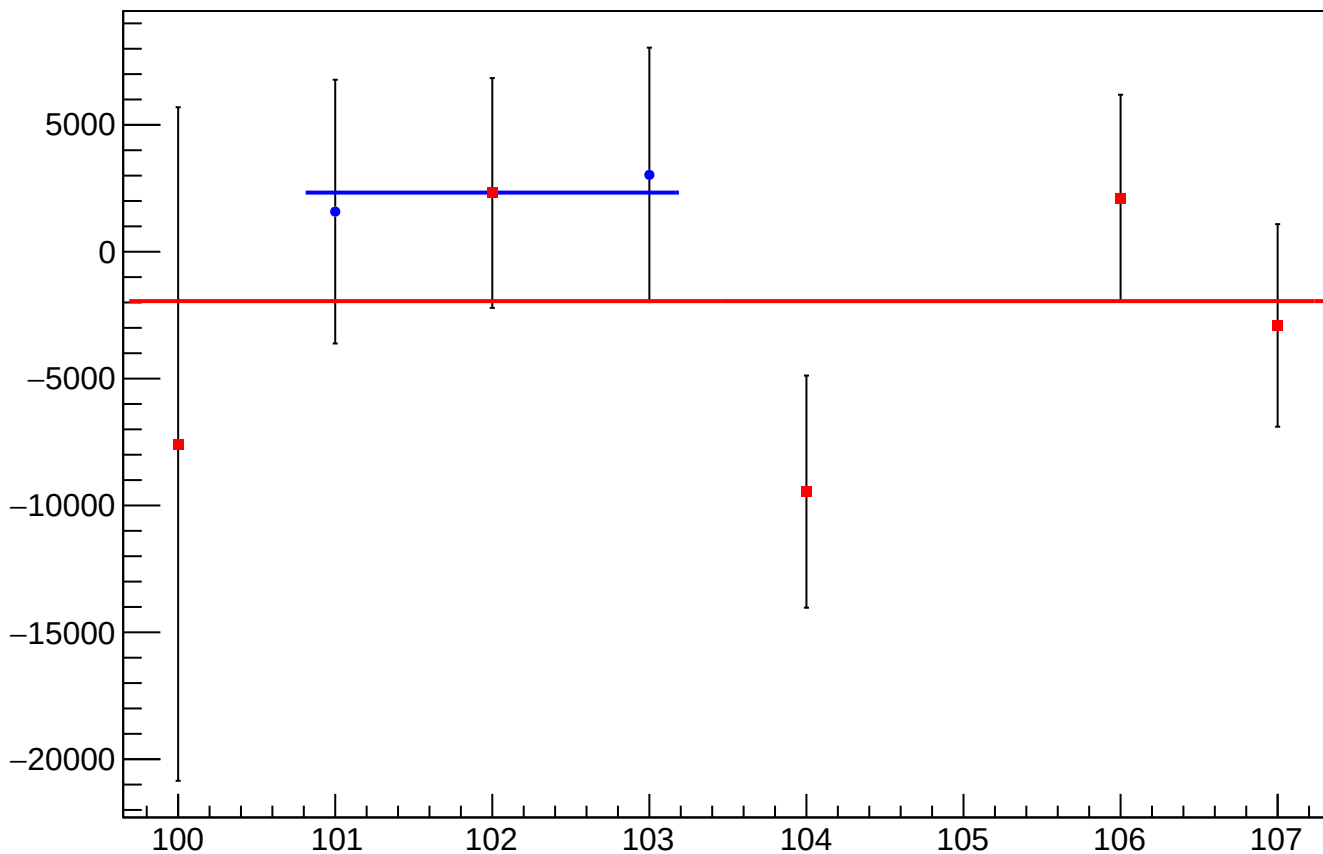
Right: 1359.461+/-0.606 χ^2/NDF : 593959.0/6

In: 1402.126+/-0.991 χ^2/NDF : 465721.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1359.461+/-0.606 χ^2/NDF : 593959.0/6

asym_atl_dd_atr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 2331.028+/-3608.418 χ^2/NDF : 0.0/1

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

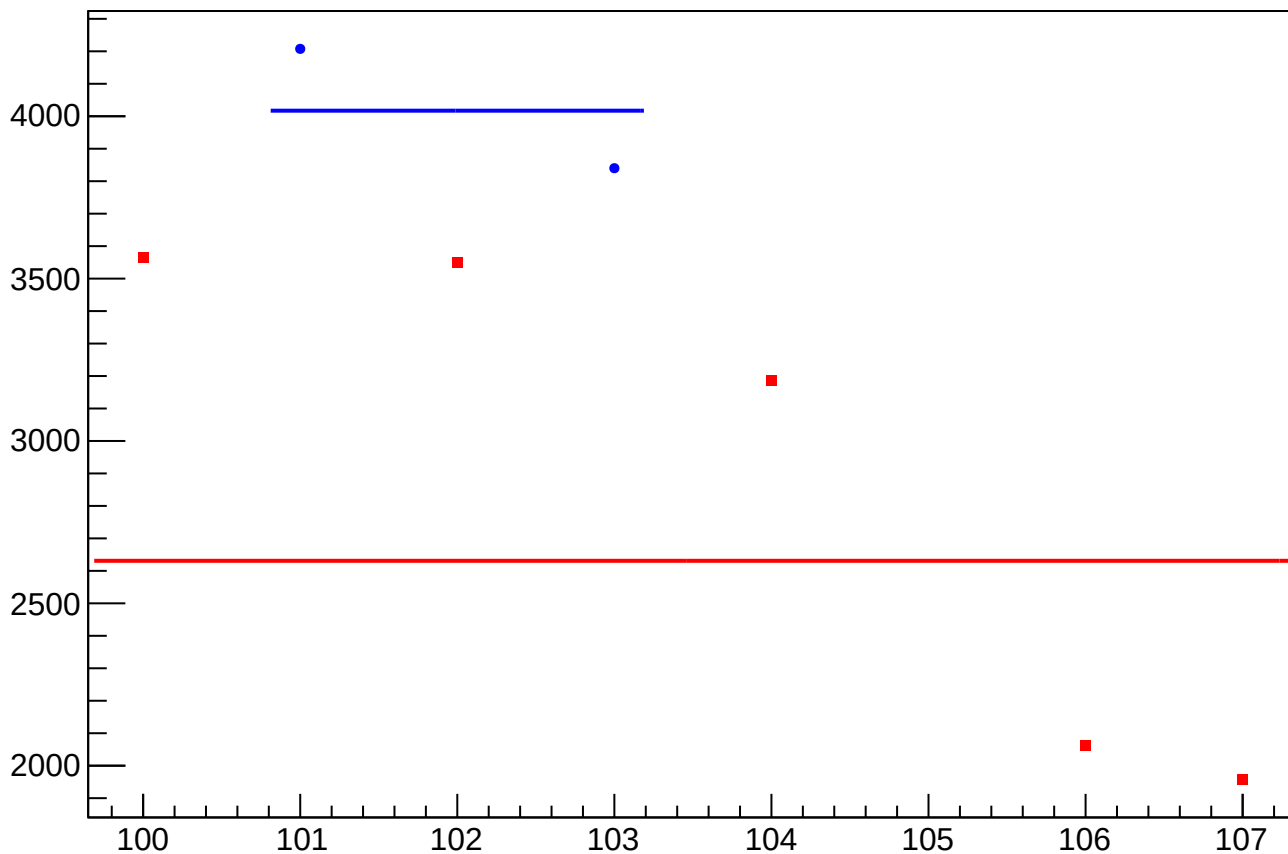
Right: -857.566+/-1820.329 χ^2/NDF : 5.9/6

In: 2331.028+/-3608.418 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -857.566+/-1820.329 χ^2/NDF : 5.9/6

asym_atl_dd_atr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 4017.164+/-2.552 χ^2/NDF : 5180.0/1

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

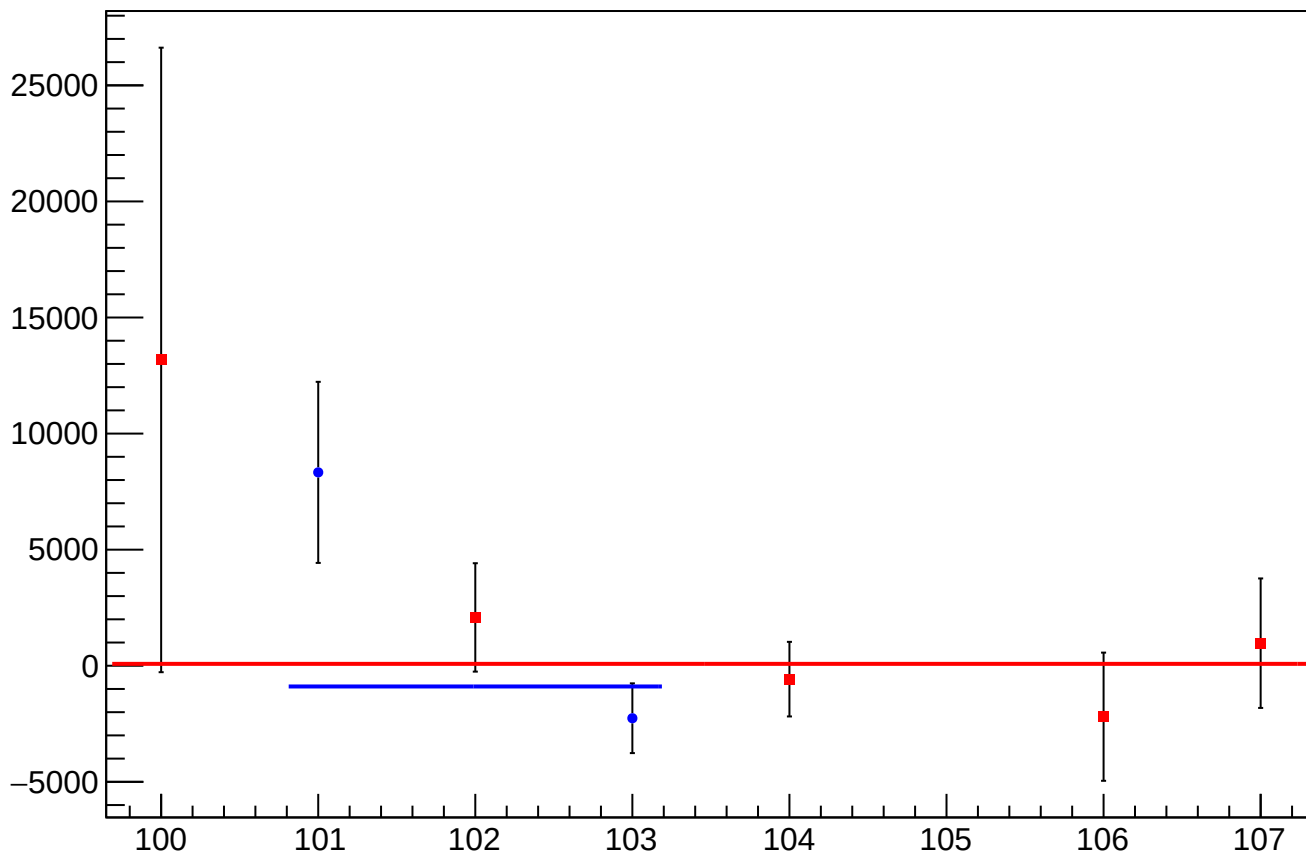
Right: 2983.766+/-1.287 χ^2/NDF : 442884.3/6

In: 4017.164+/-2.552 χ^2/NDF : 5180.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2983.766+/-1.287 χ^2/NDF : 442884.3/6

eigen_cor_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -892.590 ± 1401.635 χ^2/NDF : 6.4/1

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

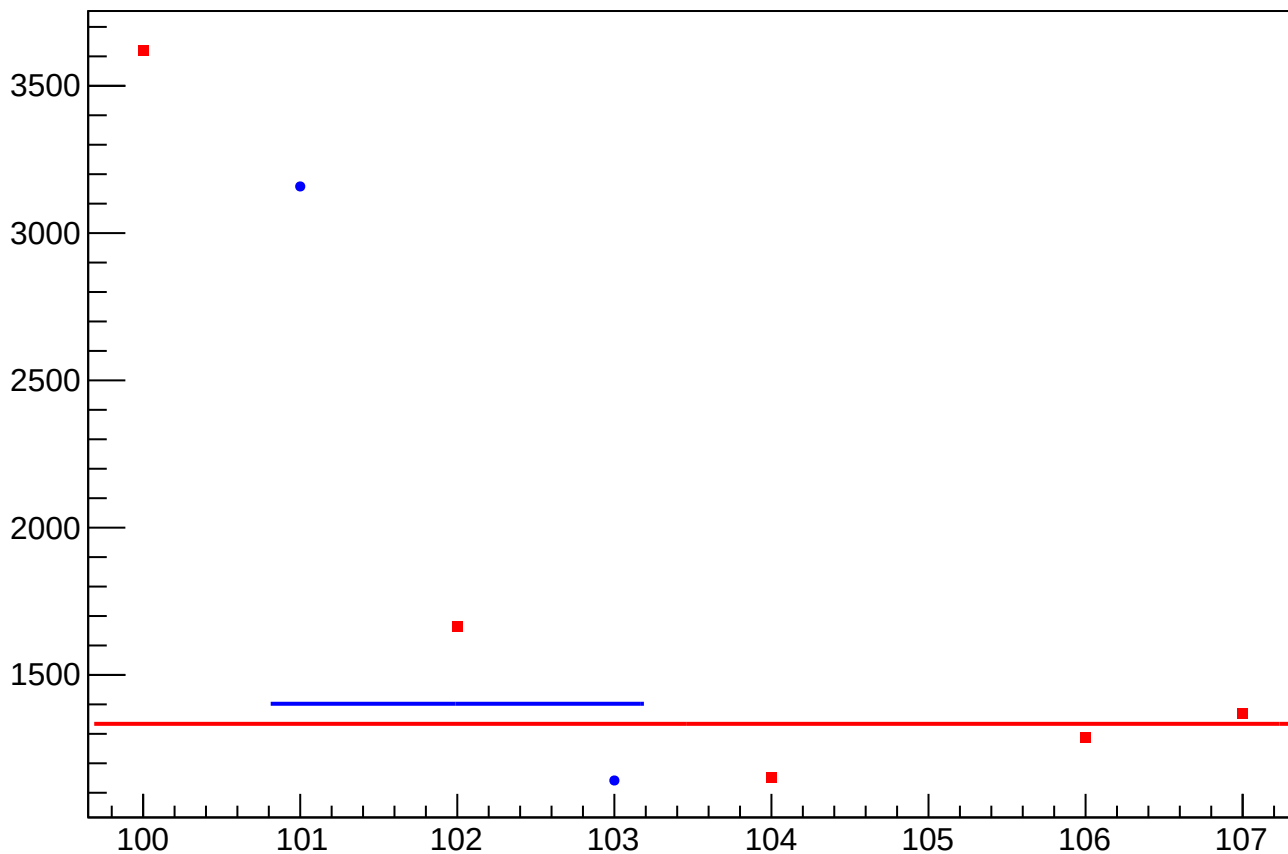
Right: -287.171 ± 862.192 χ^2/NDF : 9.4/6

In: -892.590 ± 1401.635 χ^2/NDF : 6.4/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -287.171 ± 862.192 χ^2/NDF : 9.4/6

eigen_cor_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1402.126+/-0.991 χ^2/NDF : 465721.9/1

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

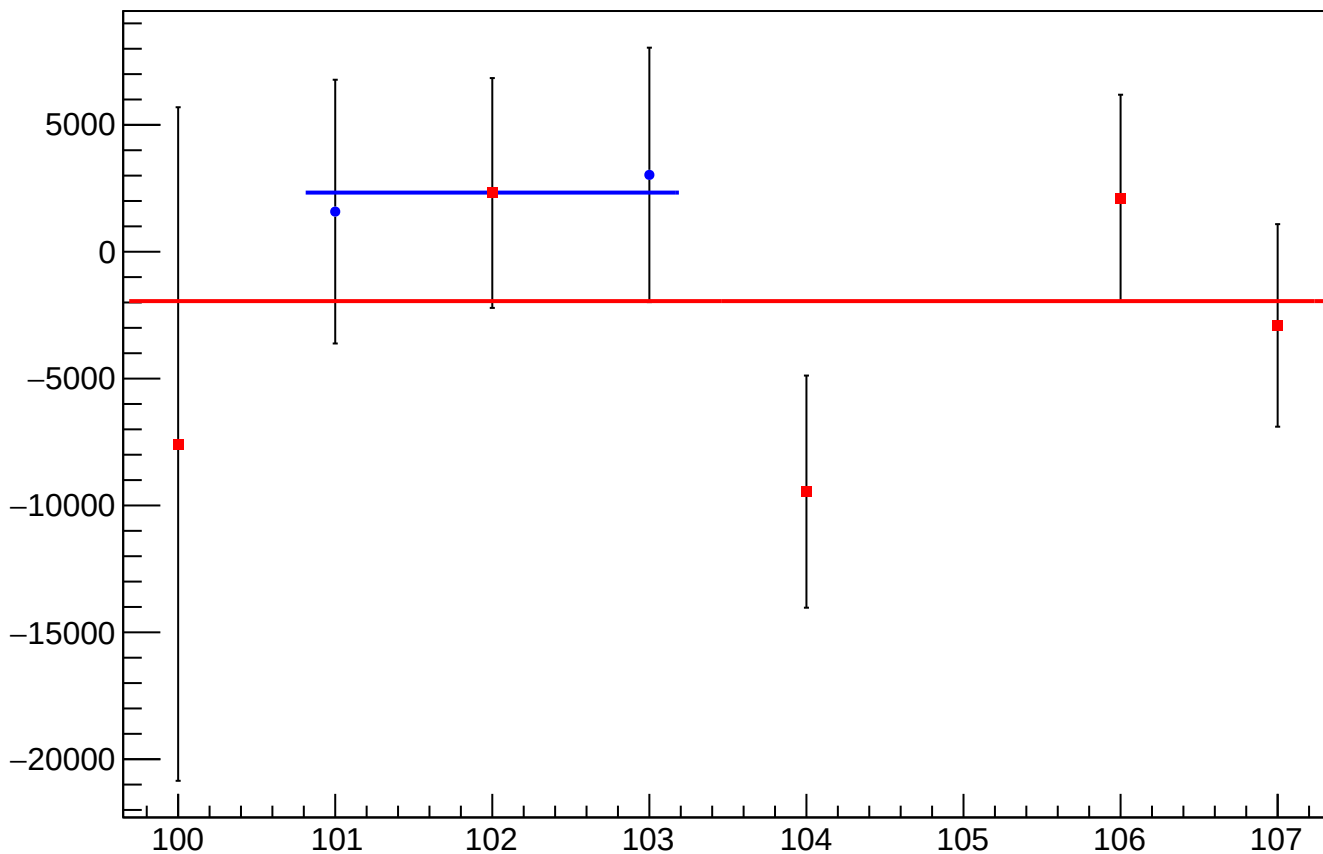
Right: 1359.461+/-0.606 χ^2/NDF : 593959.0/6

In: 1402.126+/-0.991 χ^2/NDF : 465721.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1359.461+/-0.606 χ^2/NDF : 593959.0/6

asym_atl_dd_atr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2331.028+/-3608.418 χ^2/NDF : 0.0/1

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

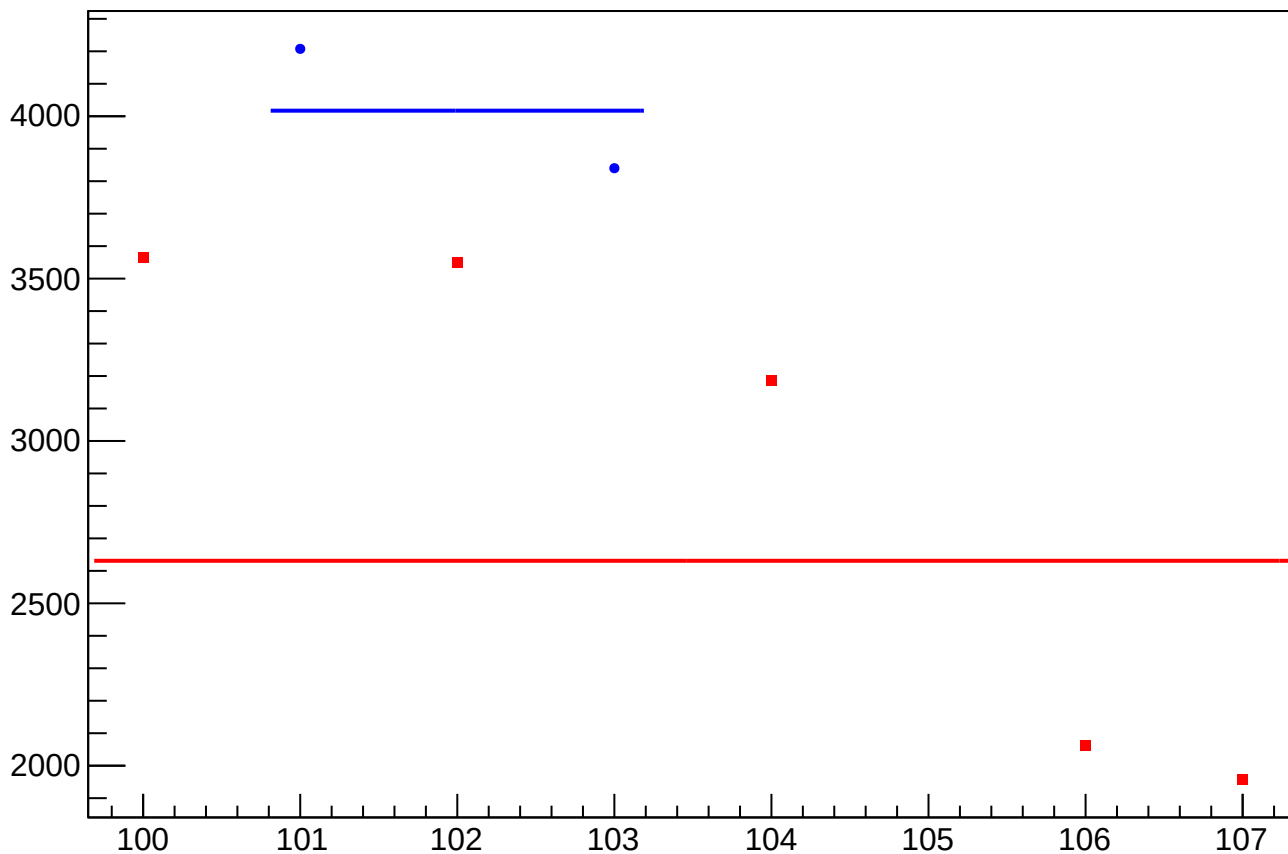
Right: -857.566+/-1820.329 χ^2/NDF : 5.9/6

In: 2331.028+/-3608.418 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -857.566+/-1820.329 χ^2/NDF : 5.9/6

asym_atl_dd_atr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4017.164+/-2.552 χ^2/NDF : 5180.0/1

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

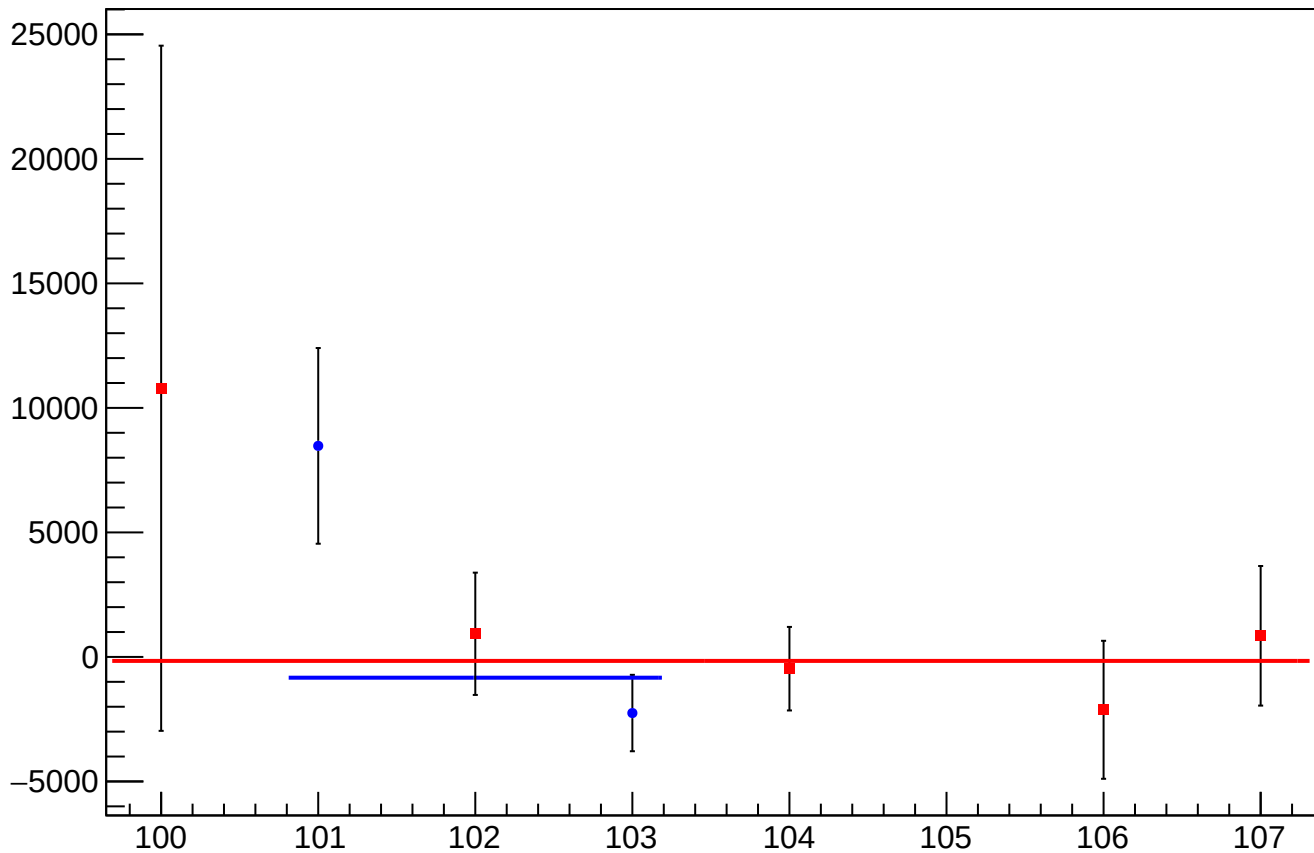
Right: 2983.766+/-1.287 χ^2/NDF : 442884.3/6

In: 4017.164+/-2.552 χ^2/NDF : 5180.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2983.766+/-1.287 χ^2/NDF : 442884.3/6

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -833.774+/-1429.215 χ^2/NDF : 6.5/1

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

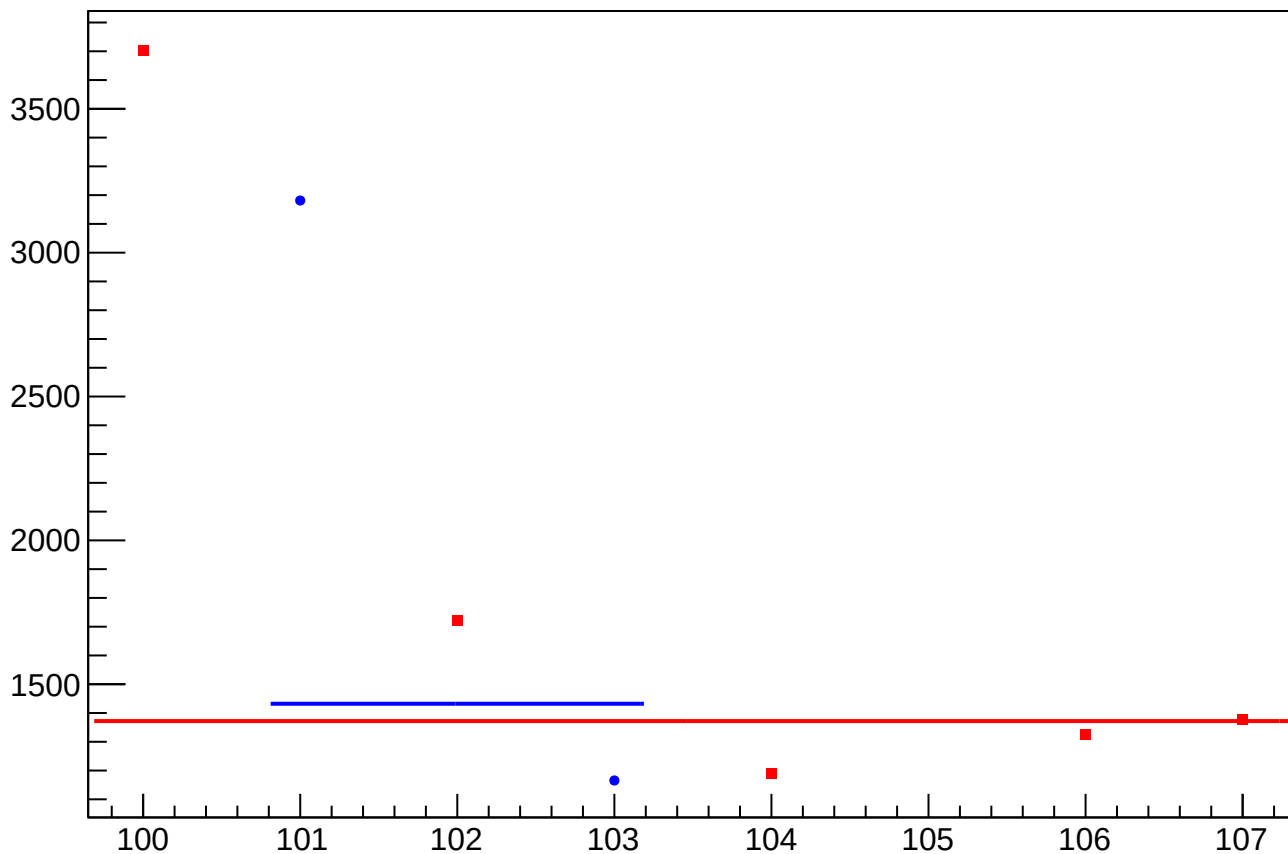
Right: -418.804+/-886.068 χ^2/NDF : 8.1/6

In: -833.774+/-1429.215 χ^2/NDF : 6.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -418.804+/-886.068 χ^2/NDF : 8.1/6

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1432.146+/-1.011 χ^2/NDF : 456784.4/1

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

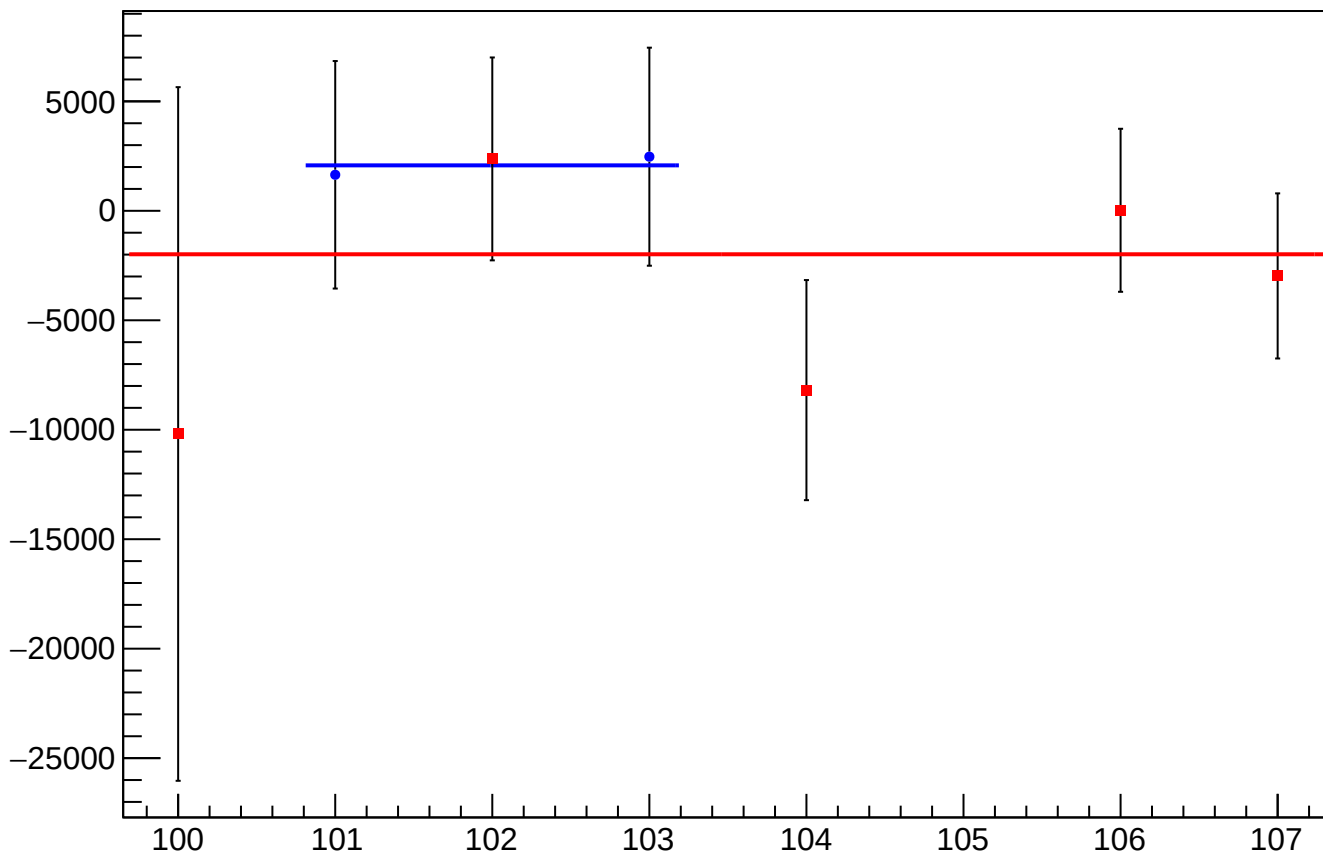
Right: 1394.960+/-0.625 χ^2/NDF : 580963.7/6

In: 1432.146+/-1.011 χ^2/NDF : 456784.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1394.960+/-0.625 χ^2/NDF : 580963.7/6

asym_atl_dd_atr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 2076.324+/-3595.363 χ^2/NDF : 0.0/1

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

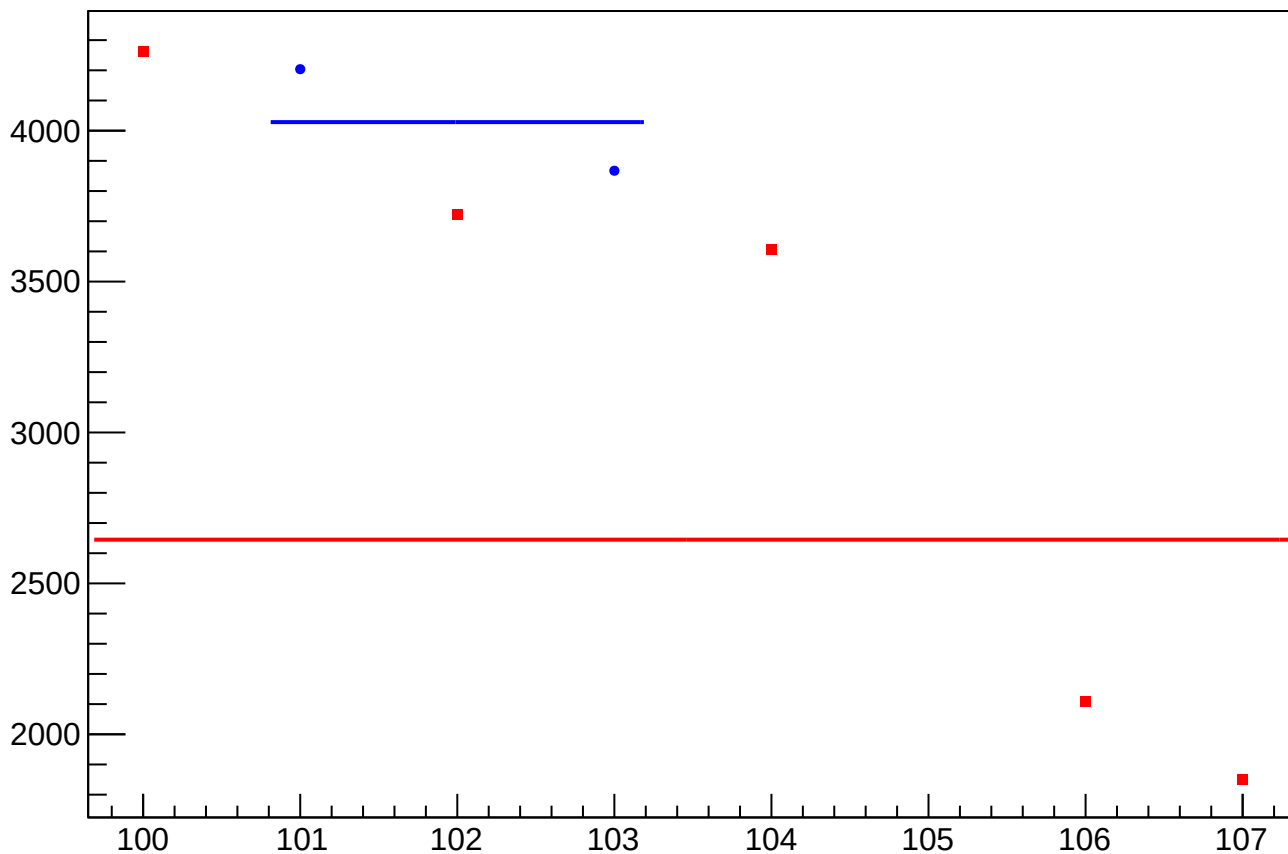
Right: -971.459+/-1796.182 χ^2/NDF : 4.0/6

In: 2076.324+/-3595.363 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -971.459+/-1796.182 χ^2/NDF : 4.0/6

asym_atl_dd_atr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4028.384 $\pm$ 2.542 χ^2 /NDF: 4371.1/1

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

Right Out: 2644.883 $\pm$ 1.466 χ^2 /NDF: 333211.3/4

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

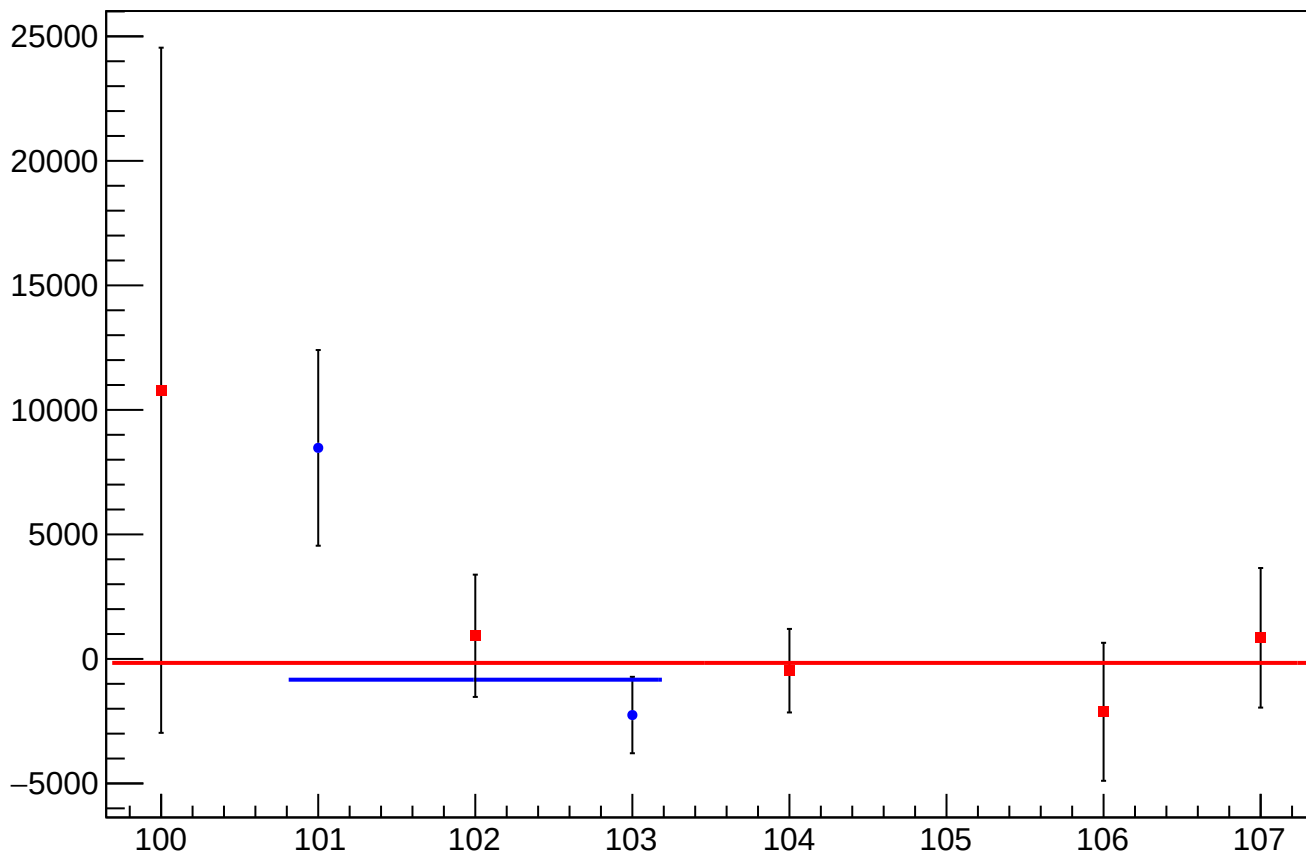
Right: 2990.181 $\pm$ 1.270 χ^2 /NDF: 559813.9/6

In: 4028.384 $\pm$ 2.542 χ^2 /NDF:4371.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2990.181 $\pm$ 1.270 χ^2 /NDF: 559813.9/6

eigen_dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -833.776+/-1429.215 χ^2/NDF : 6.5/1

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

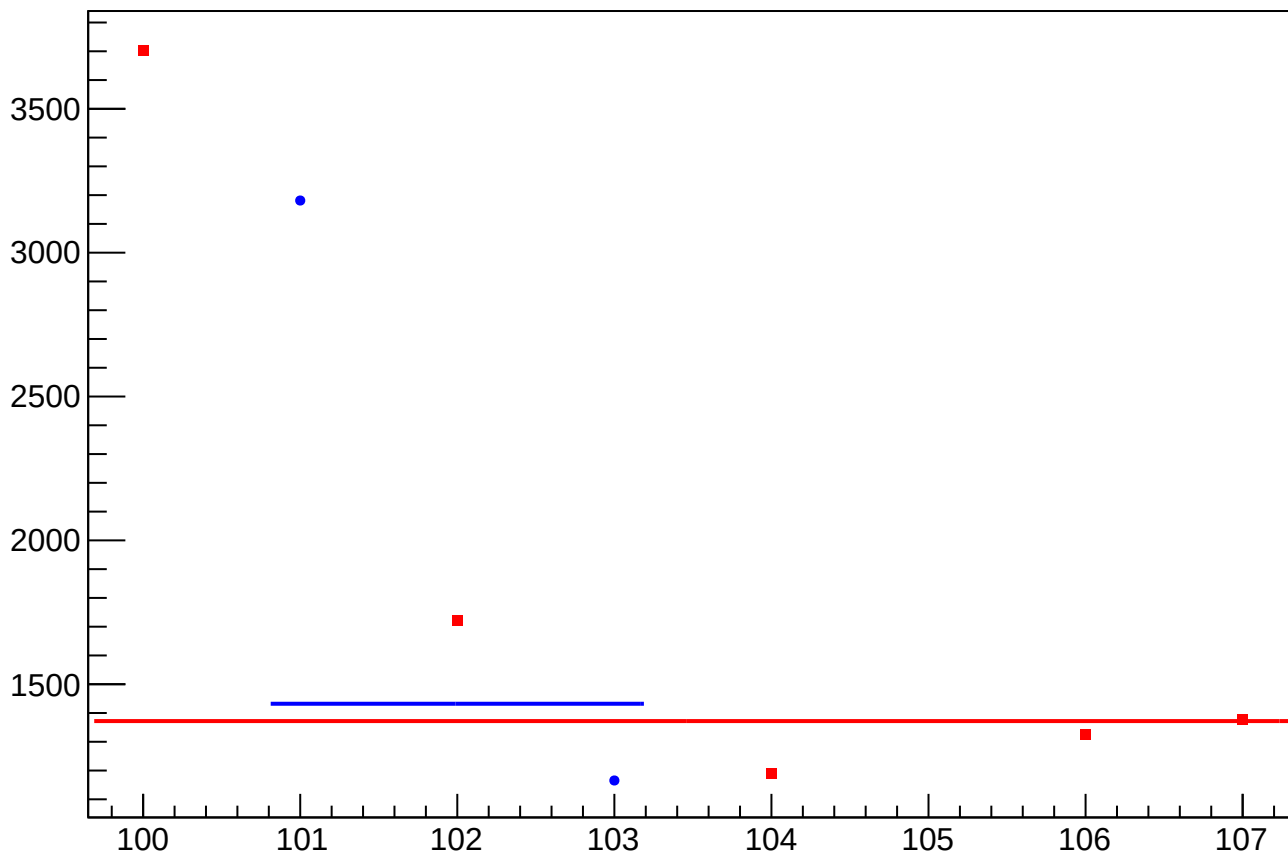
Right: -418.810+/-886.068 χ^2/NDF : 8.1/6

In: -833.776+/-1429.215 χ^2/NDF : 6.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -418.810+/-886.068 χ^2/NDF : 8.1/6

eigen_dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1432.145+/-1.011 χ^2/NDF : 456784.5/1

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

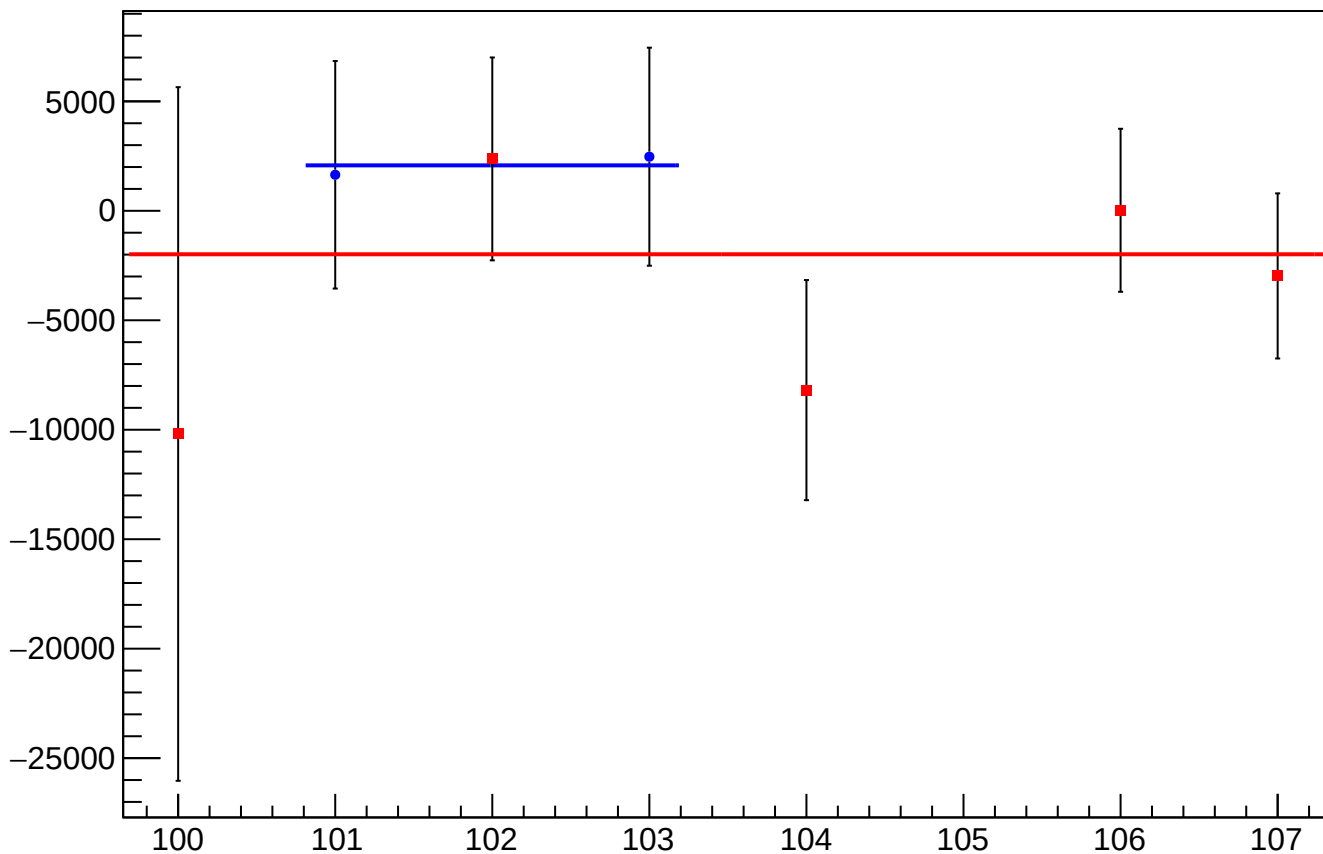
Right: 1394.960+/-0.625 χ^2/NDF : 580963.8/6

In: 1432.145+/-1.011 χ^2/NDF : 456784.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1394.960+/-0.625 χ^2/NDF : 580963.8/6

asym_atl_dd_atr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 2076.330+/-3595.363 χ^2/NDF : 0.0/1

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

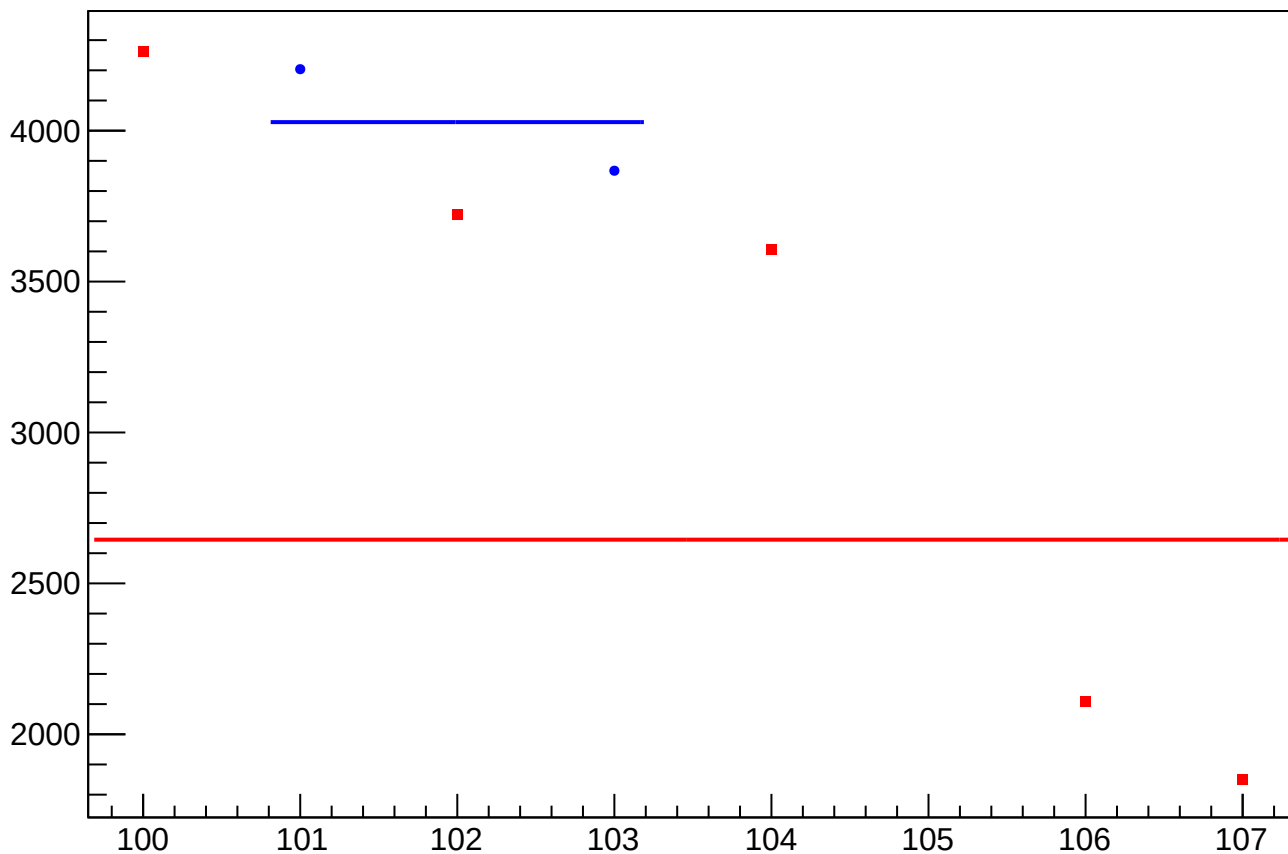
Right: -971.465+/-1796.180 χ^2/NDF : 4.0/6

In: 2076.330+/-3595.363 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -971.465+/-1796.180 χ^2/NDF : 4.0/6

asym_atl_dd_atr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4028.383+/-2.542 χ^2/NDF : 4370.9/1

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

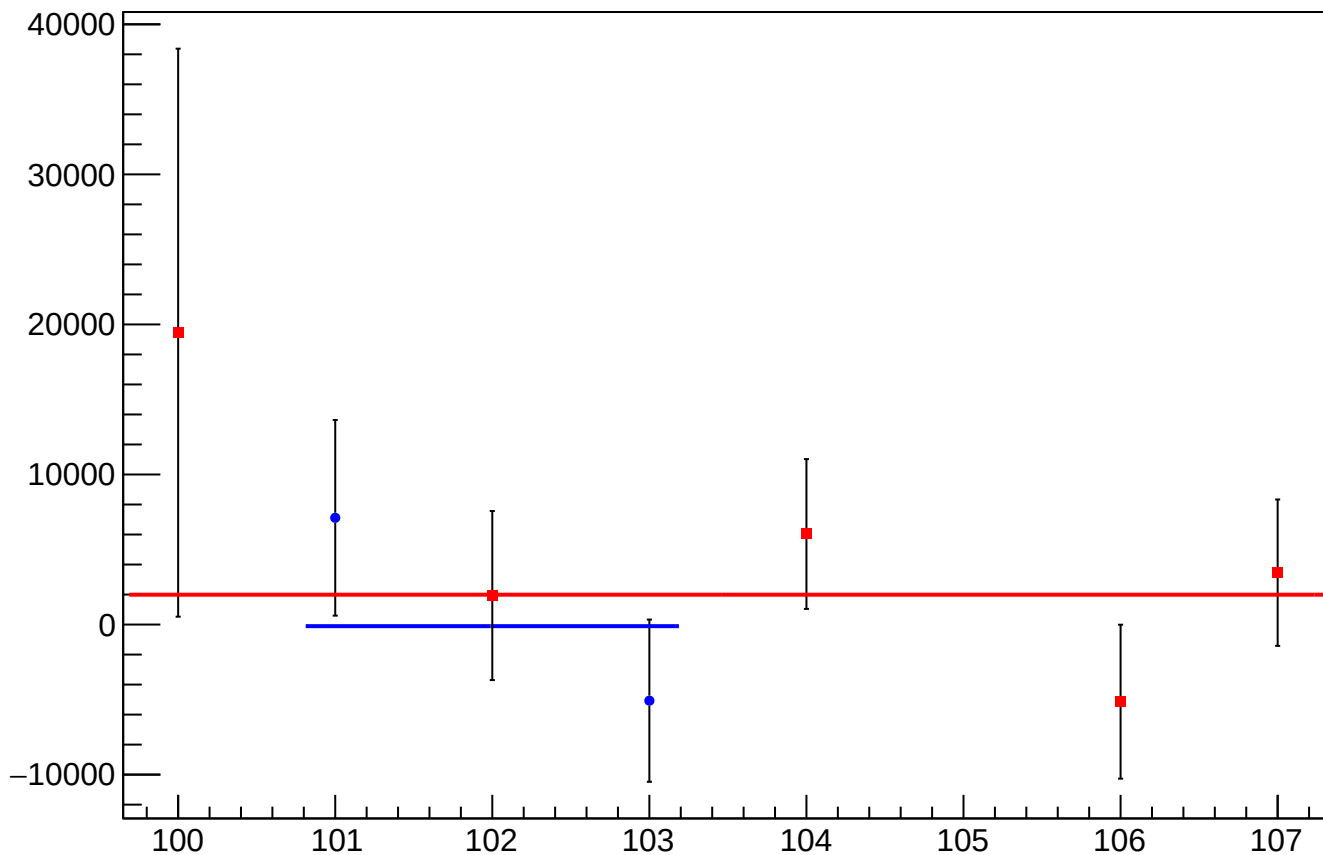
Right: 2990.177+/-1.270 χ^2/NDF : 559818.5/6

In: 4028.383+/-2.542 χ^2/NDF : 4370.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2990.177+/-1.270 χ^2/NDF : 559818.5/6

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -106.500+/-4160.876 χ^2/NDF : 2.1/1

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

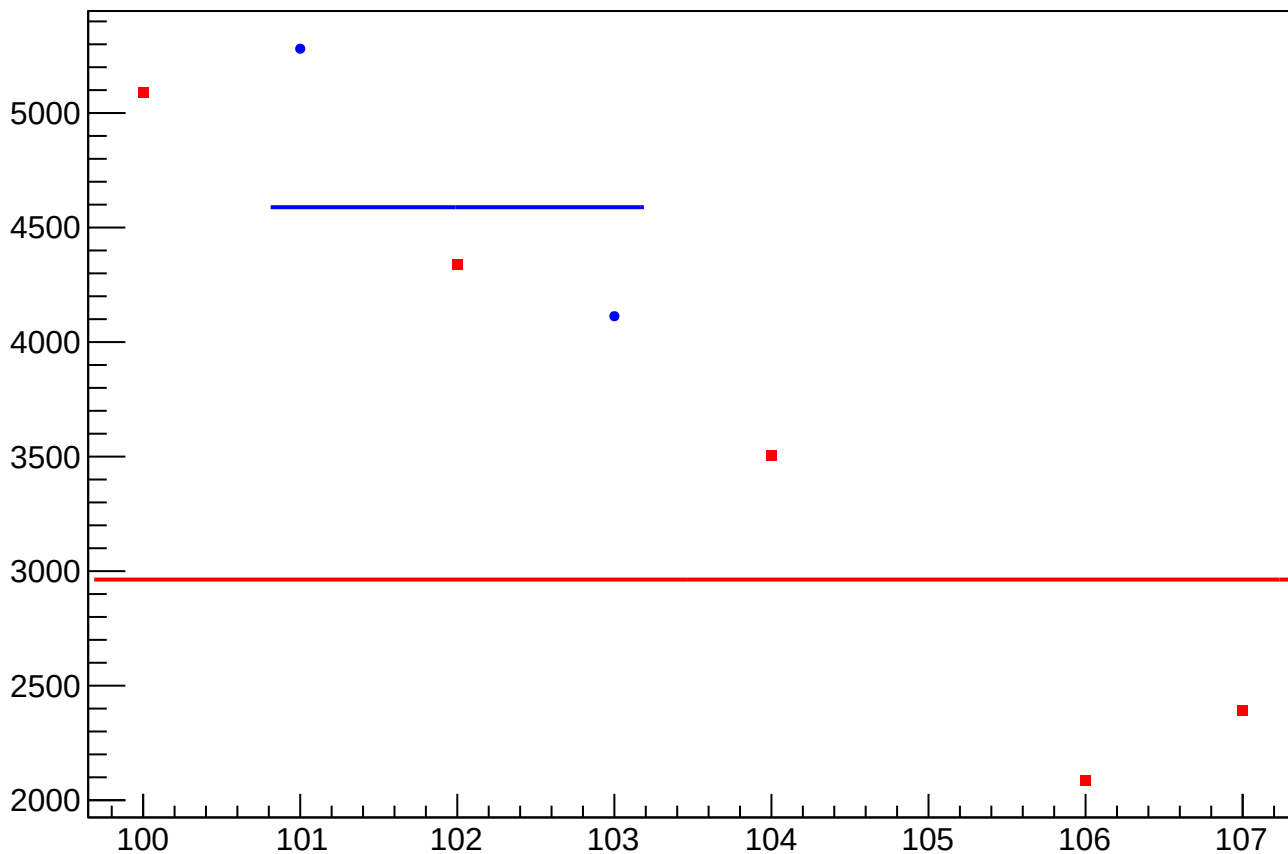
Right: 1419.505+/-2170.563 χ^2/NDF : 5.8/6

In: -106.500+/-4160.876 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1419.505+/-2170.563 χ^2/NDF : 5.8/6

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 4588.778+/-2.942 χ^2/NDF : 38034.6/1

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

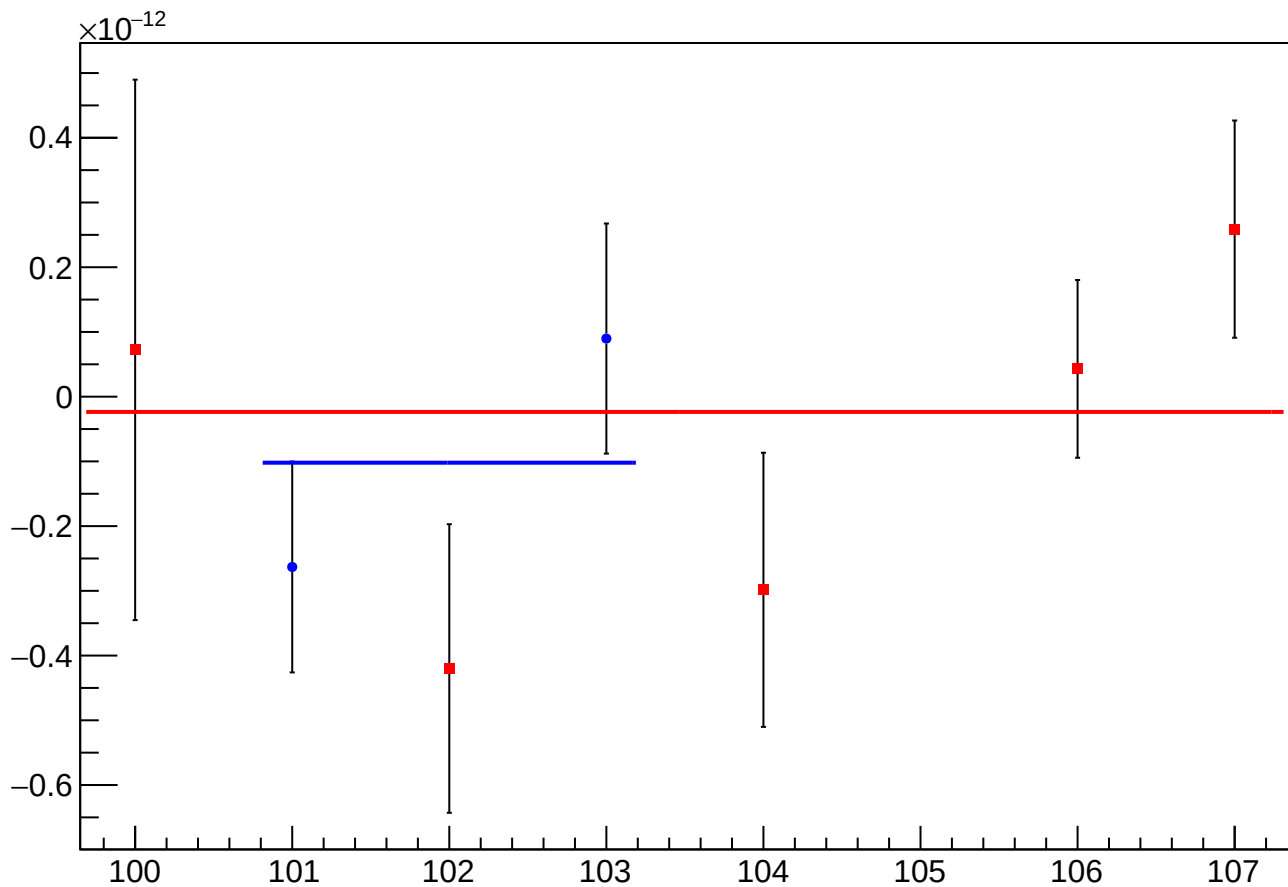
Right: 3375.333+/-1.481 χ^2/NDF : 543080.6/6

In: 4588.778+/-2.942 χ^2/NDF : 38034.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3375.333+/-1.481 χ^2/NDF : 543080.6/6

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.1/1

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

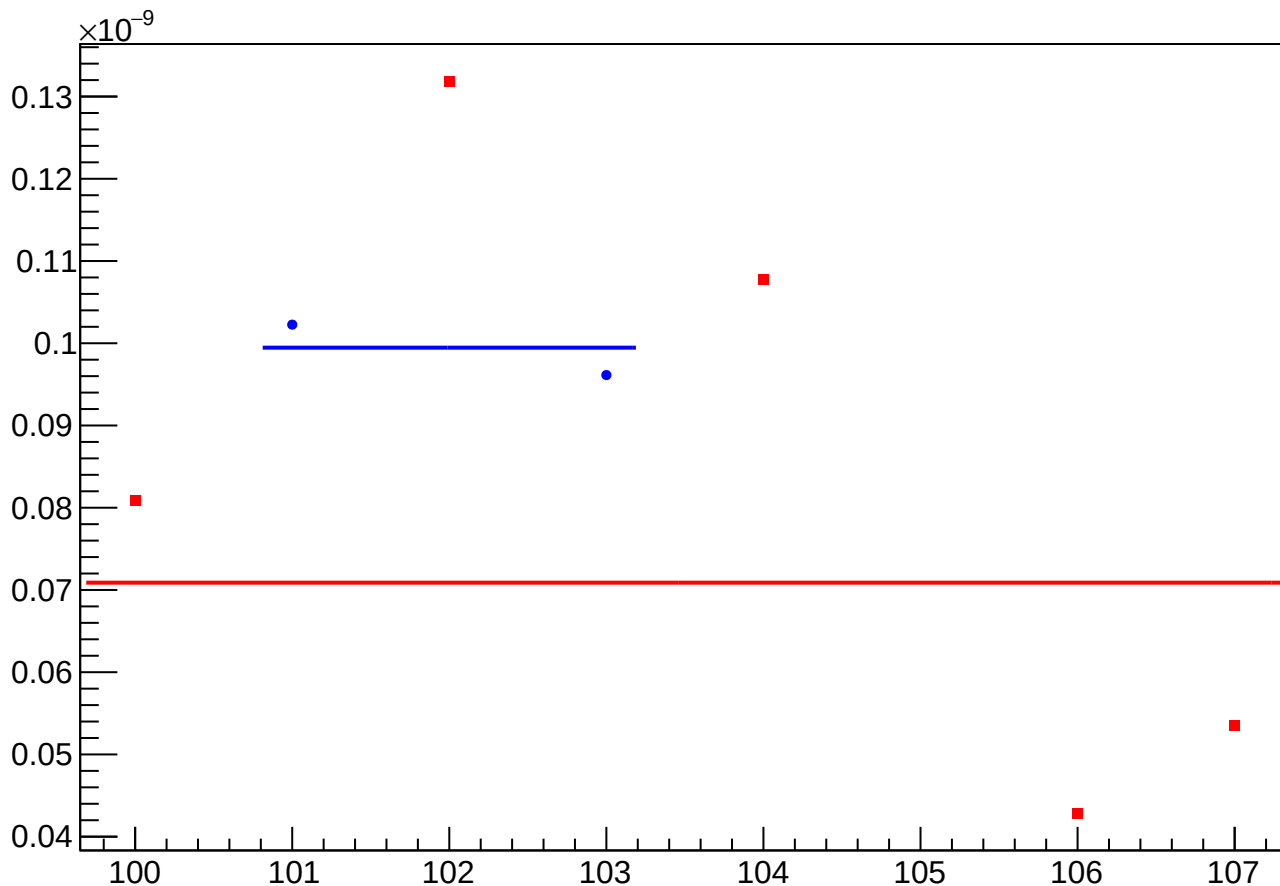
Right: -0.000+/-0.000 χ^2/NDF : 10.4/6

In: -0.000+/-0.000 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.4/6

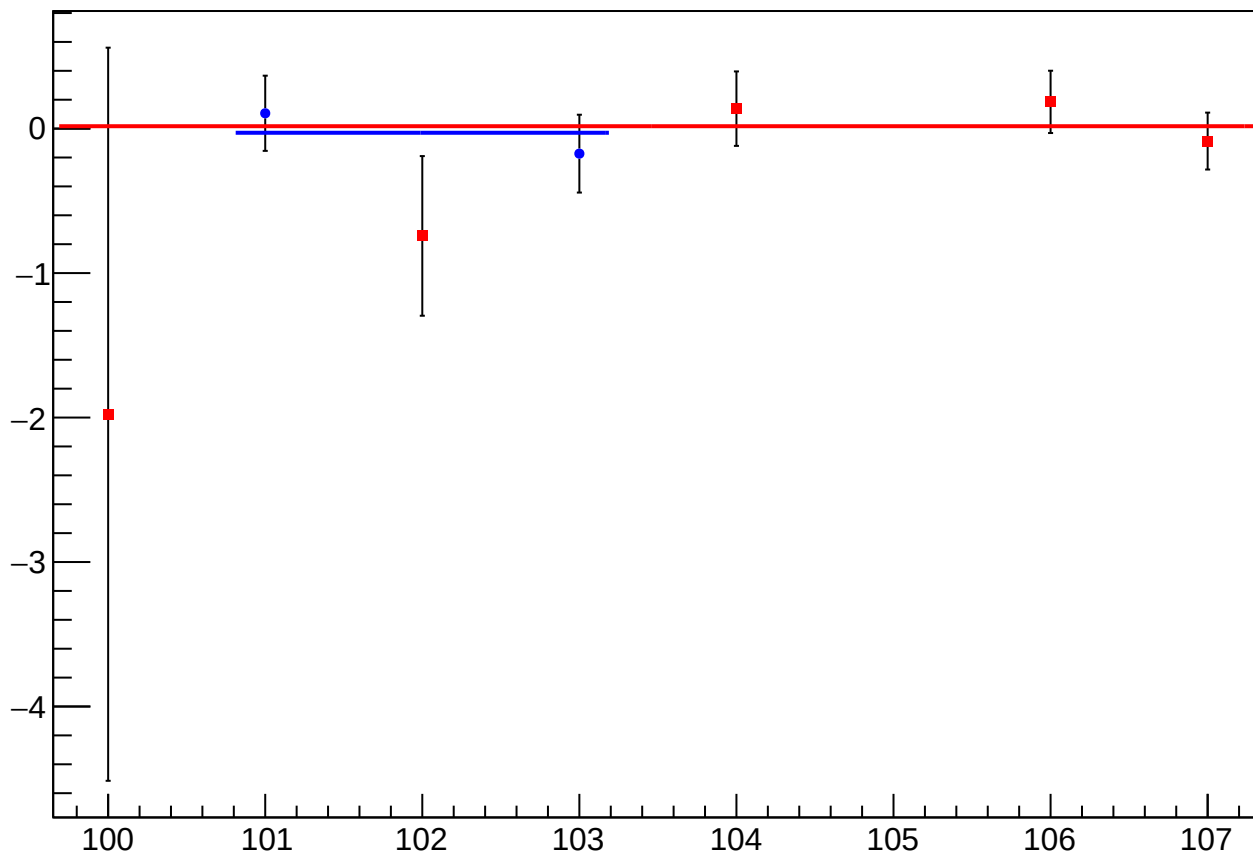
asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1293.7/1
 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 : 391990.5/6
 In: 0.000+/-0.000 χ^2/NDF : 1293.7/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 391990.5/6

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029+/-0.187 χ^2 /NDF: 0.6/1

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

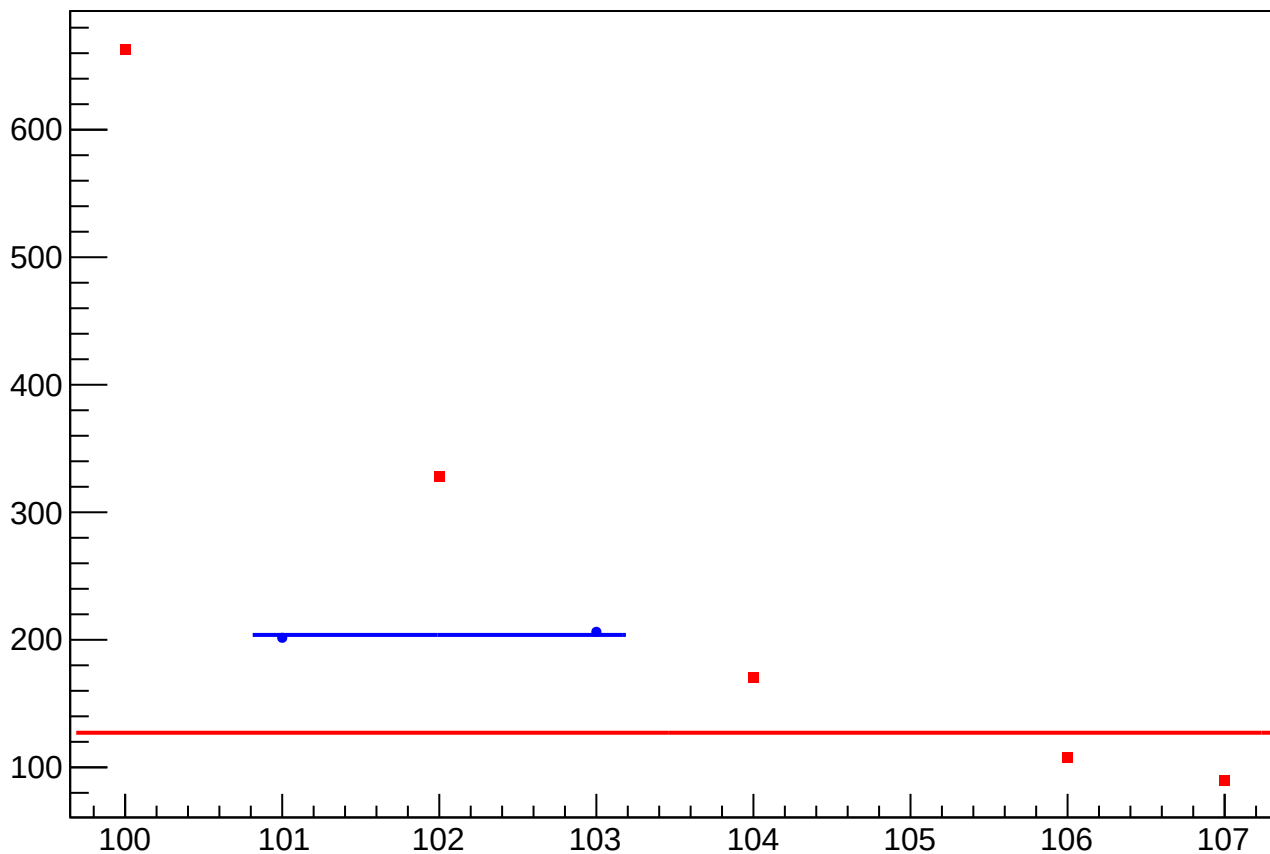
Right: 0.003+/-0.103 χ^2 /NDF: 4.2/6

In: -0.029+/-0.187 χ^2 /NDF:0.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.003+/-0.103 χ^2 /NDF: 4.2/6

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 203.843+/-0.132 χ^2/NDF : 308.9/1

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

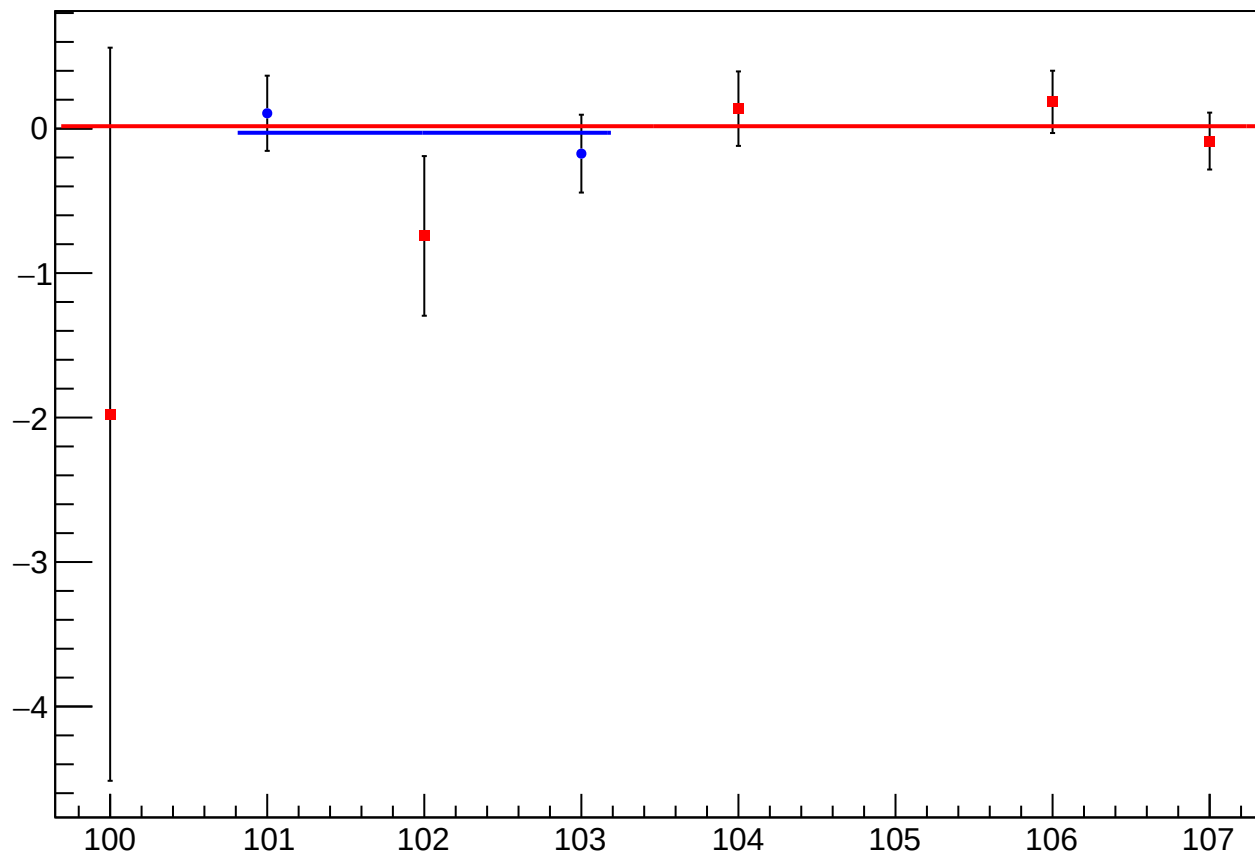
Right: 150.342+/-0.073 χ^2/NDF : 733685.0/6

In: 203.843+/-0.132 χ^2/NDF : 308.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.342+/-0.073 χ^2/NDF : 733685.0/6

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029+/-0.187 χ^2 /NDF: 0.6/1

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

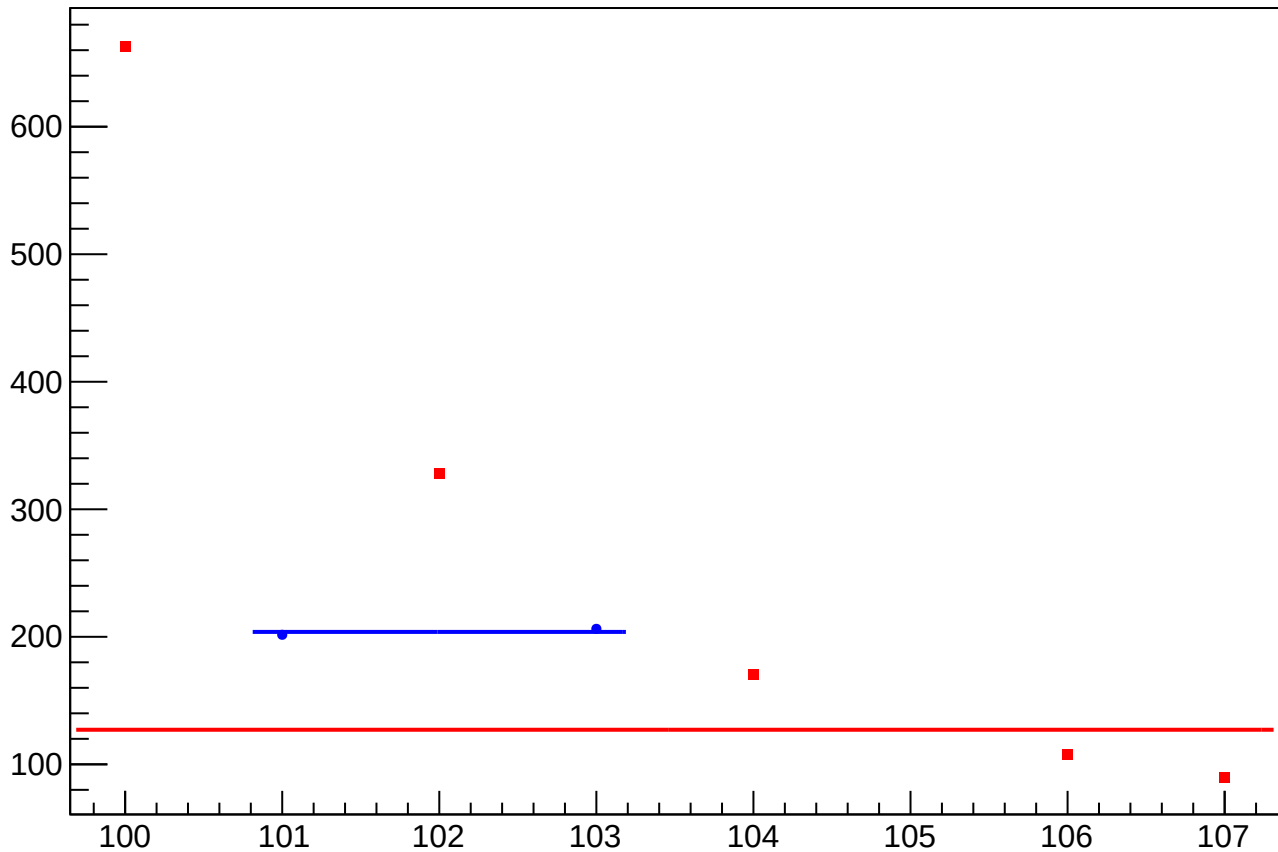
Right: 0.003+/-0.103 χ^2 /NDF: 4.2/6

In: -0.029+/-0.187 χ^2 /NDF:0.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.003+/-0.103 χ^2 /NDF: 4.2/6

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 203.843+/-0.132 χ^2/NDF : 308.9/1

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

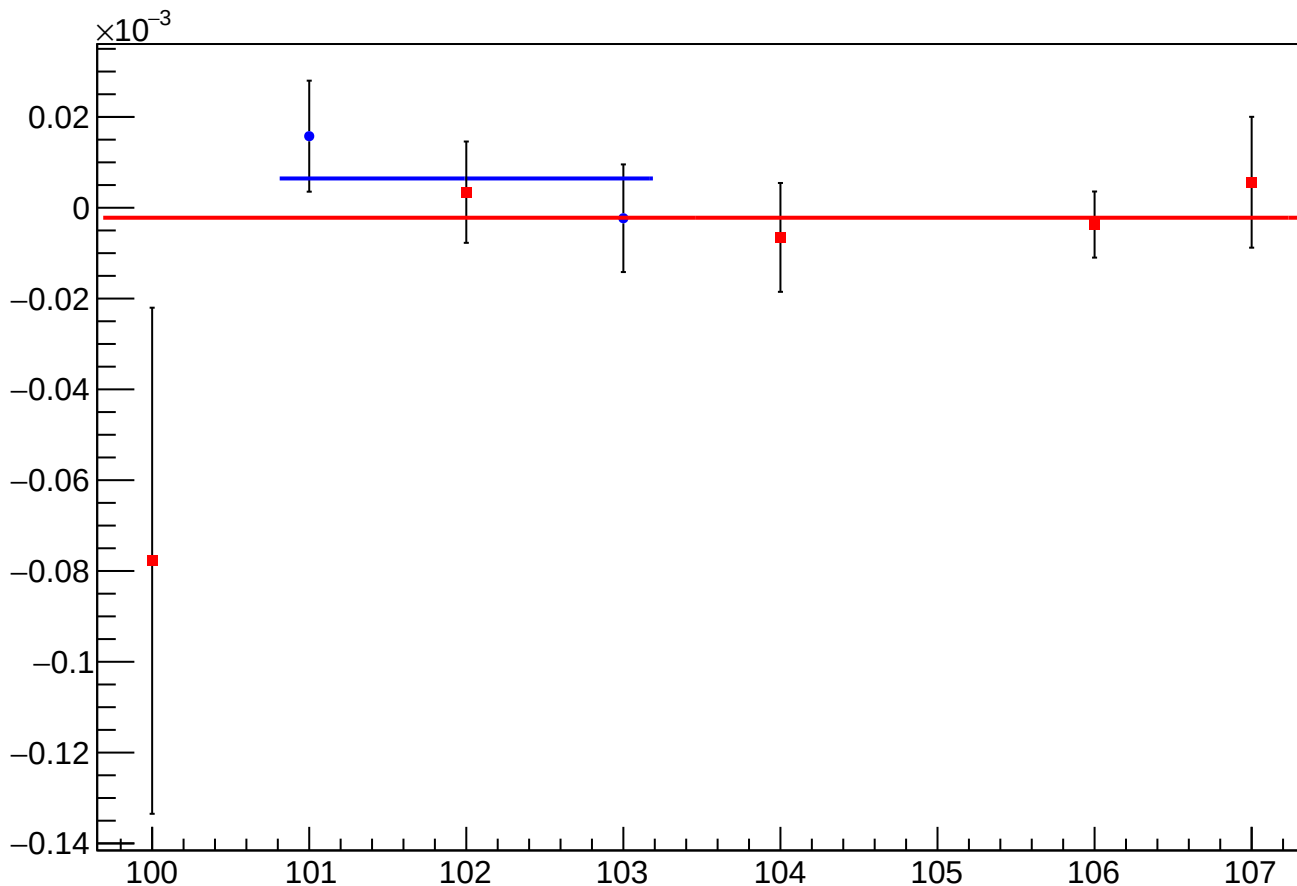
Right: 150.342+/-0.073 χ^2/NDF : 733685.0/6

In: 203.843+/-0.132 χ^2/NDF : 308.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.342+/-0.073 χ^2/NDF : 733685.0/6

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 : 1.1/1

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

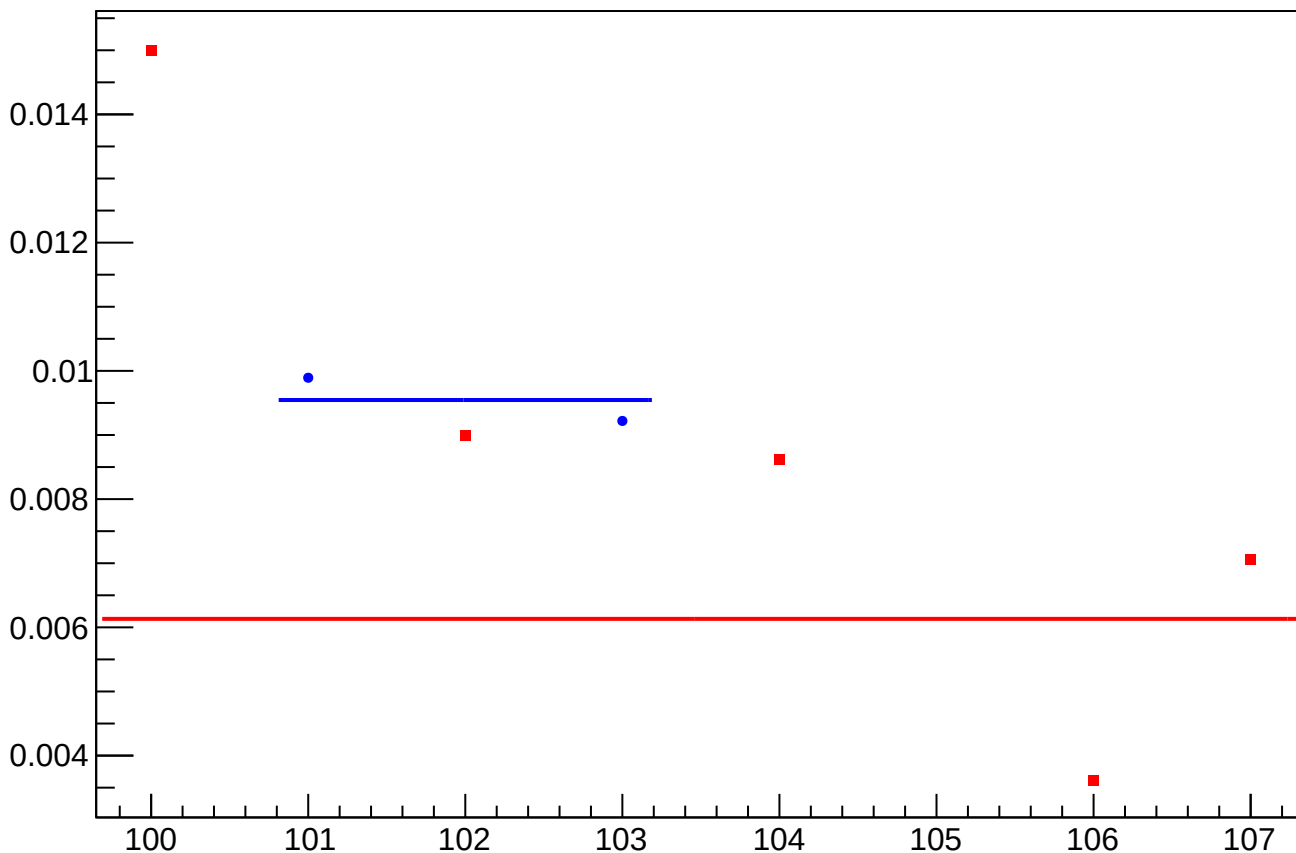
Right: 0.000+/-0.000 χ^2/NDF : 4.4/6

In: 0.000+/-0.000 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.4/6

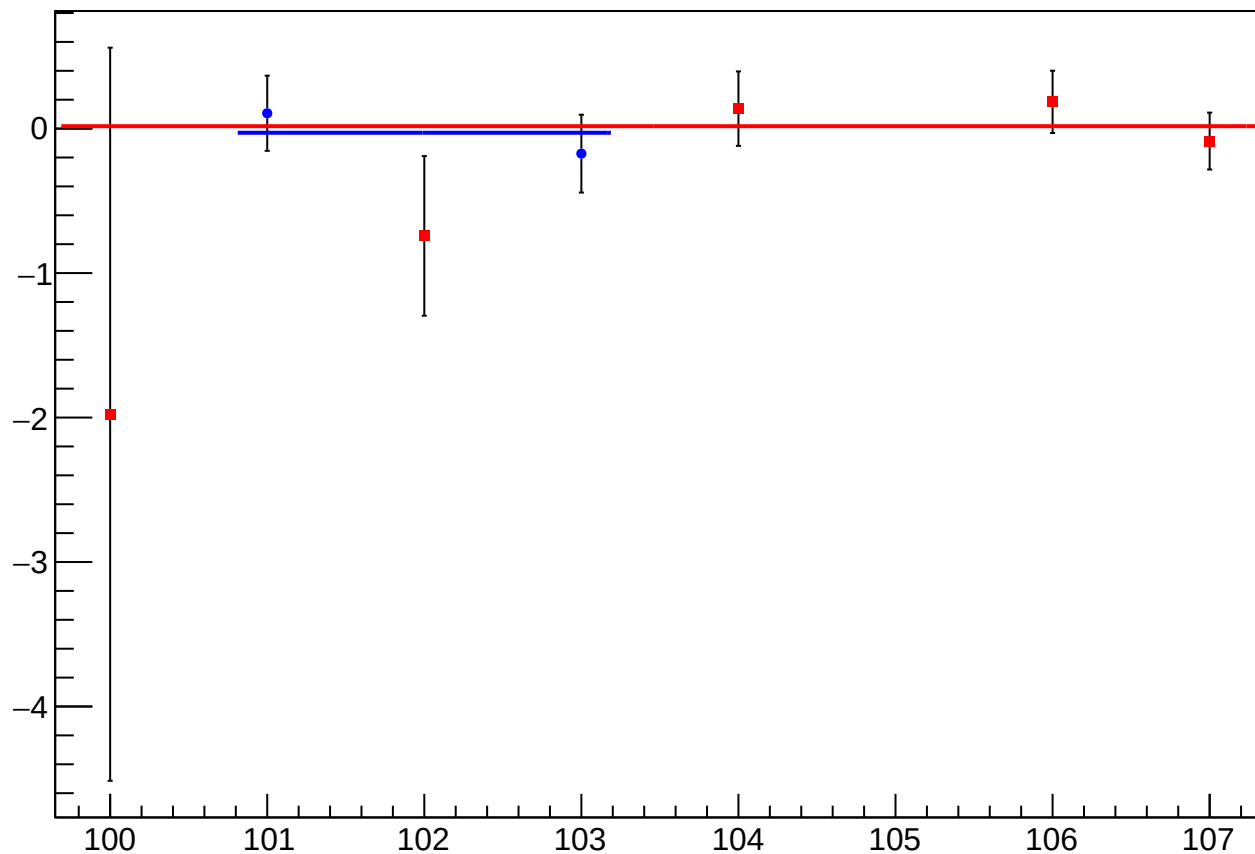
asym_atl_dd_atr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 3128.3/1
 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: 0.007+/-0.000 χ^2/NDF : 756036.4/6
 In: 0.010+/-0.000 χ^2/NDF : 3128.3/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.007+/-0.000 χ^2/NDF : 756036.4/6

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 $\pm$ 0.187 χ^2 /NDF: 0.6/1

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

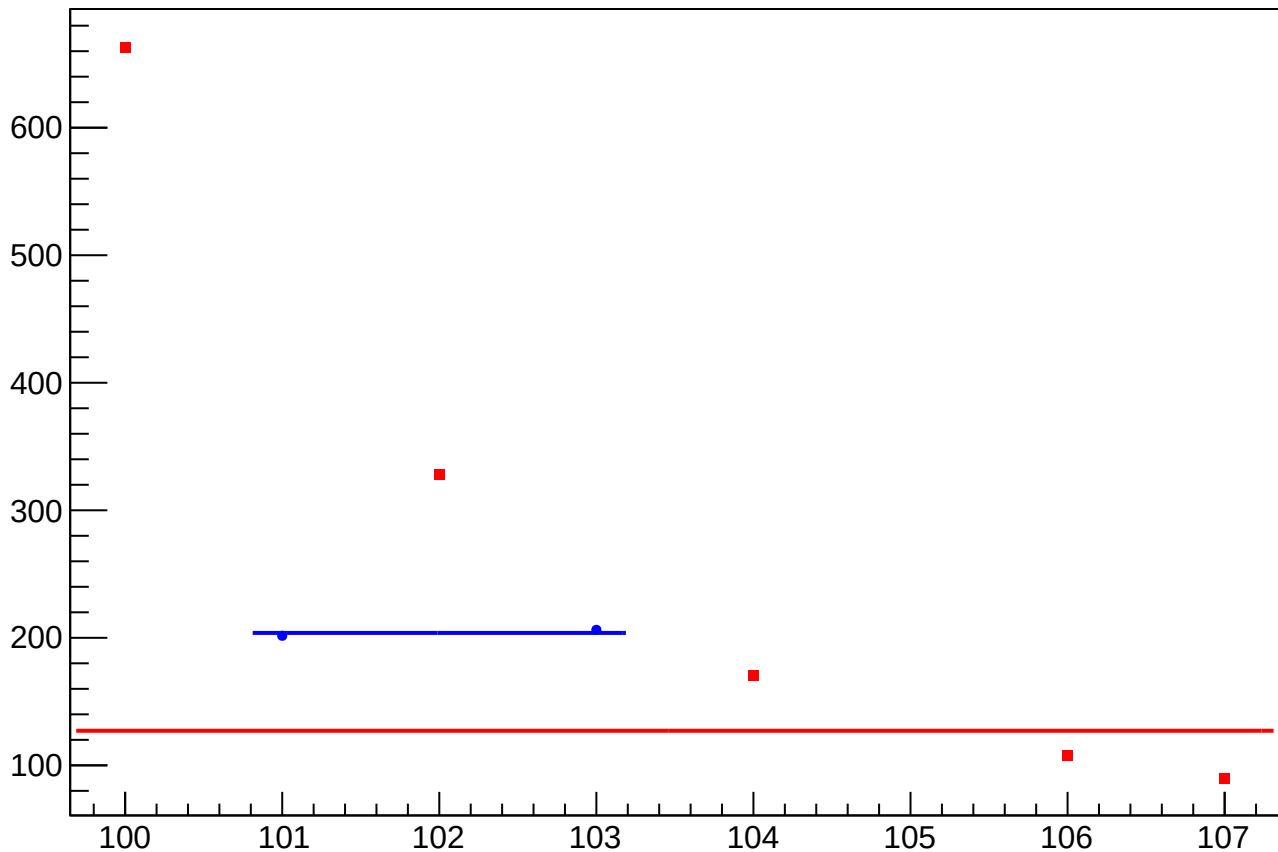
Right: 0.003 $\pm$ 0.103 χ^2 /NDF: 4.2/6

In: -0.029 $\pm$ 0.187 χ^2 /NDF:0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.103 χ^2 /NDF: 4.2/6

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 203.840 $\pm$ 0.132 χ^2 /NDF: 309.0/1

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

Right Out: 127.129 $\pm$ 0.087 χ^2 /NDF: 499002.1/4

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

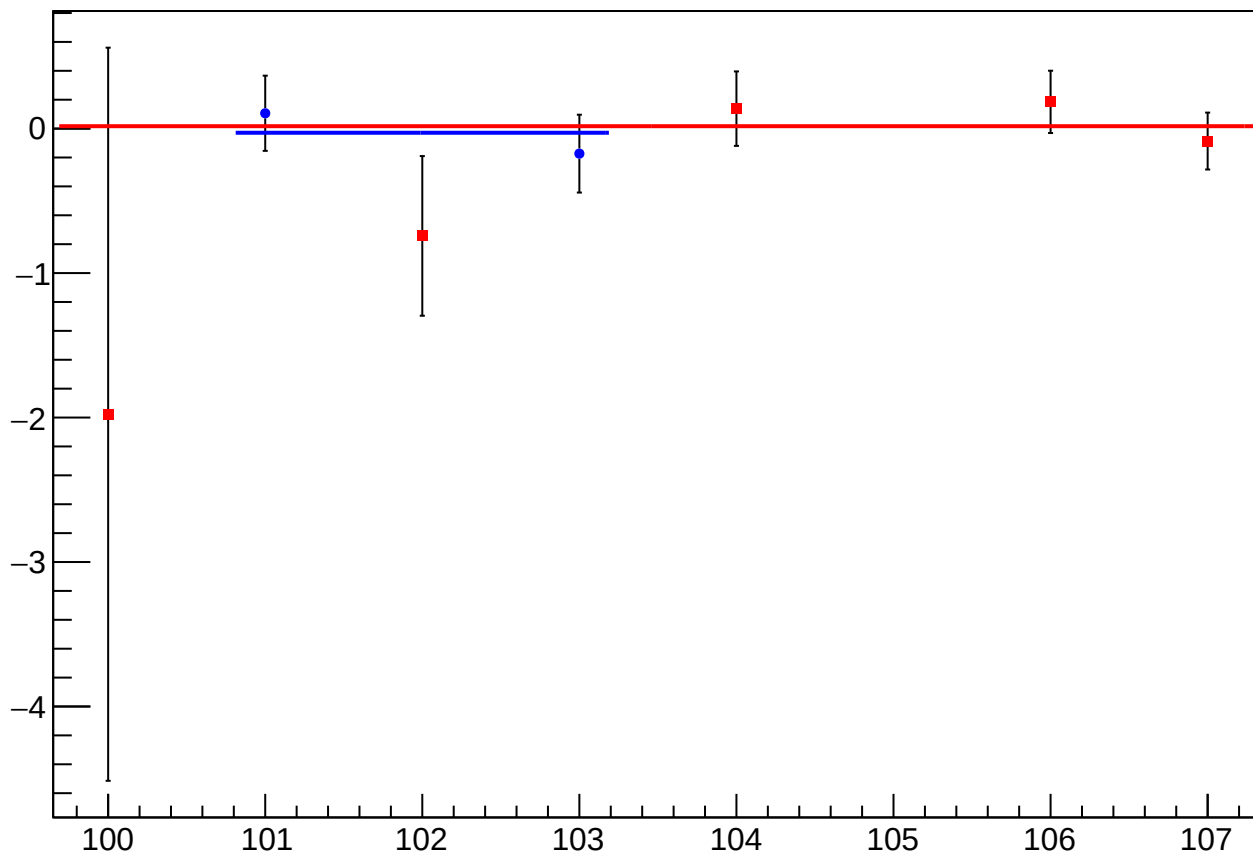
Right: 150.345 $\pm$ 0.073 χ^2 /NDF: 733607.5/6

In: 203.840 $\pm$ 0.132 χ^2 /NDF:309.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 150.345 $\pm$ 0.073 χ^2 /NDF: 733607.5/6

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 ± 0.187 χ^2/NDF : 0.6/1

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

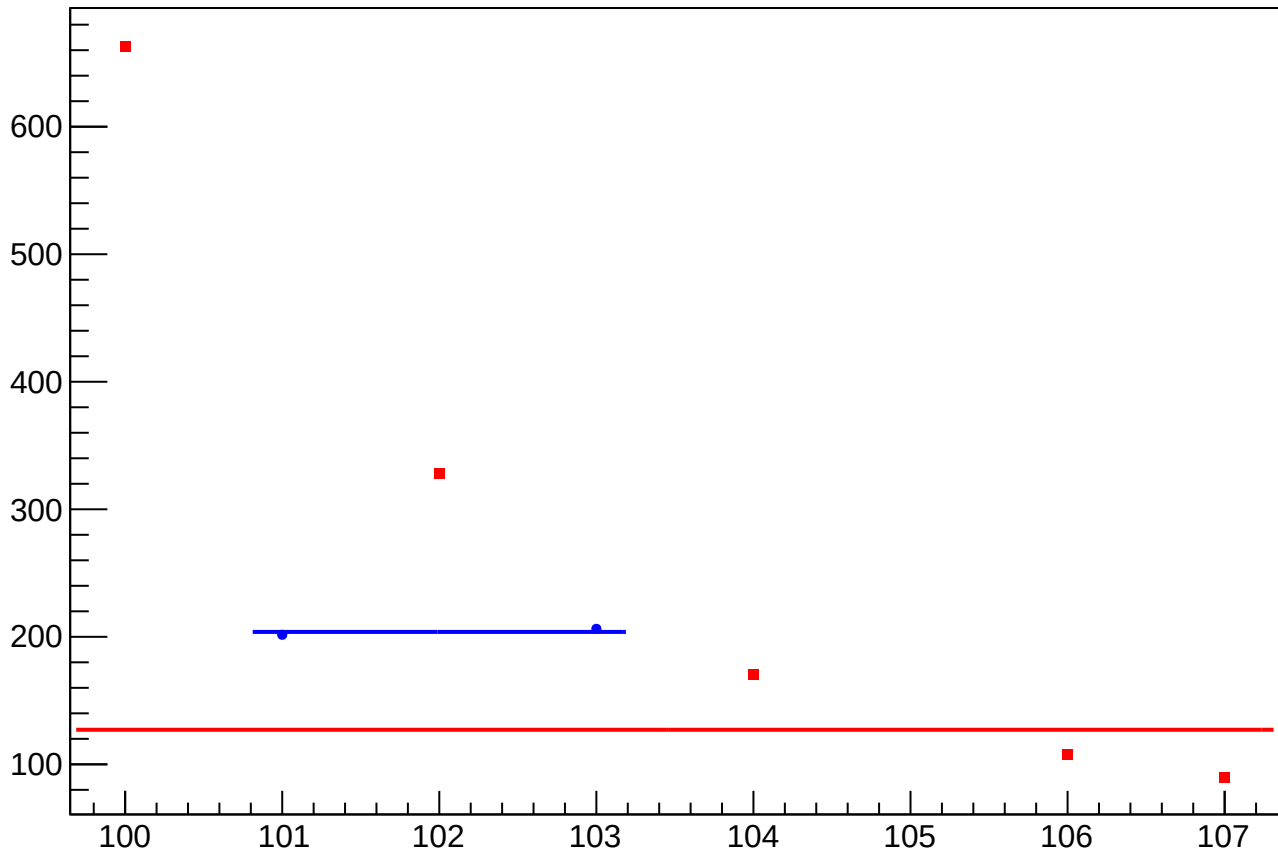
Right: 0.003 ± 0.103 χ^2/NDF : 4.2/6

In: -0.029 ± 0.187 χ^2/NDF : 0.6/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.003 ± 0.103 χ^2/NDF : 4.2/6

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 203.840 $\pm$ 0.132 χ^2 /NDF: 309.0/1

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

Right Out: 127.129 $\pm$ 0.087 χ^2 /NDF: 499002.1/4

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

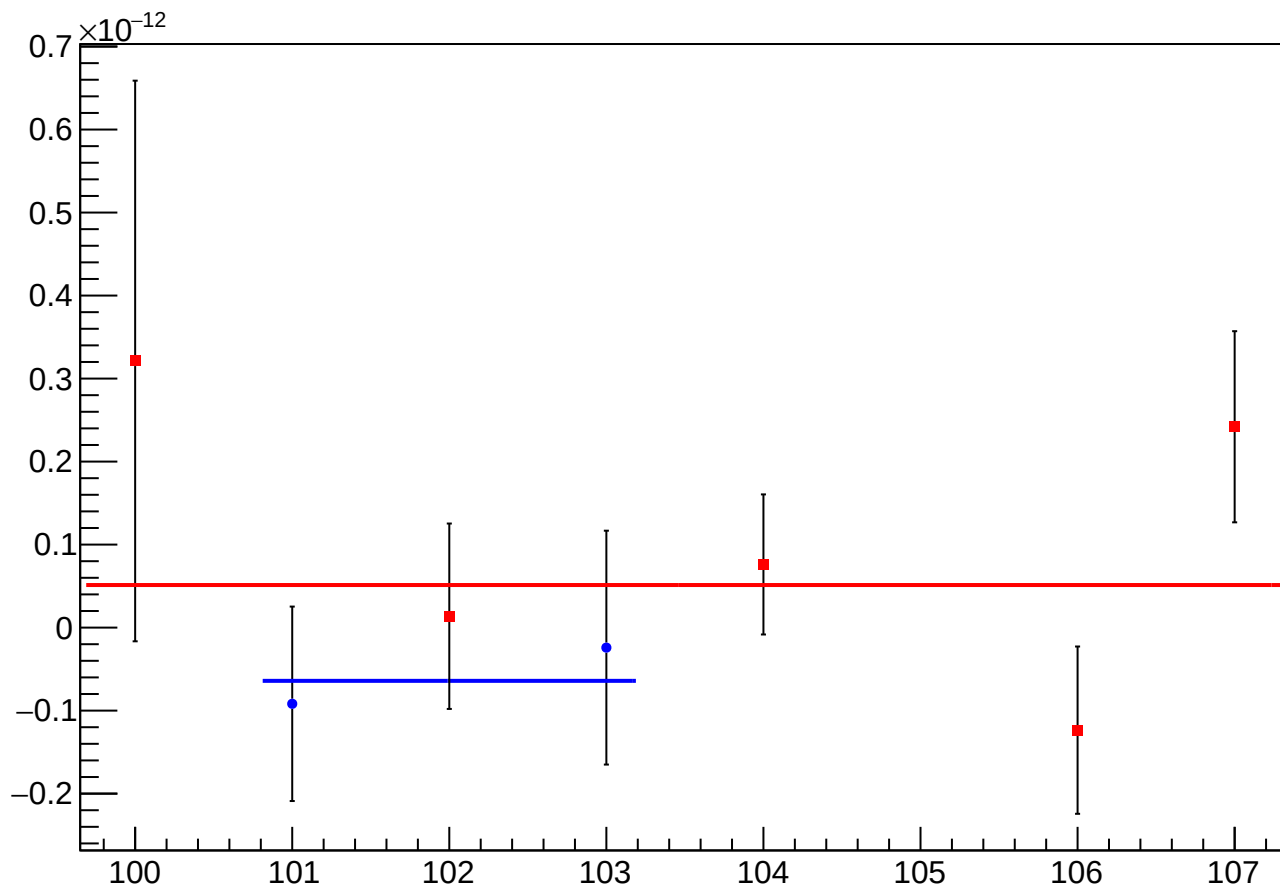
Right: 150.345 $\pm$ 0.073 χ^2 /NDF: 733607.5/6

In: 203.840 $\pm$ 0.132 χ^2 /NDF:309.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 150.345 $\pm$ 0.073 χ^2 /NDF: 733607.5/6

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 : 0.1/1

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

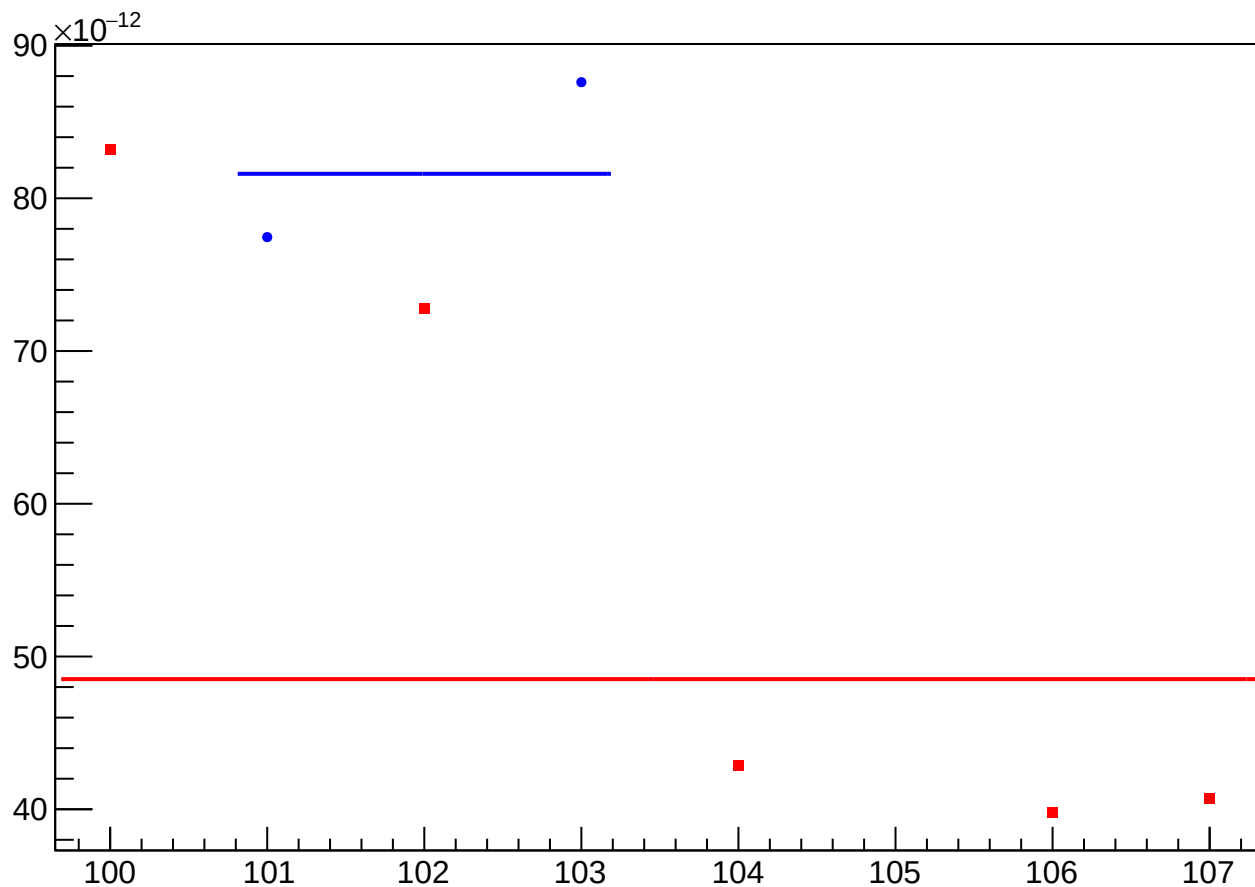
Right: 0.000+/-0.000 χ^2/NDF : 8.0/6

In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.0/6

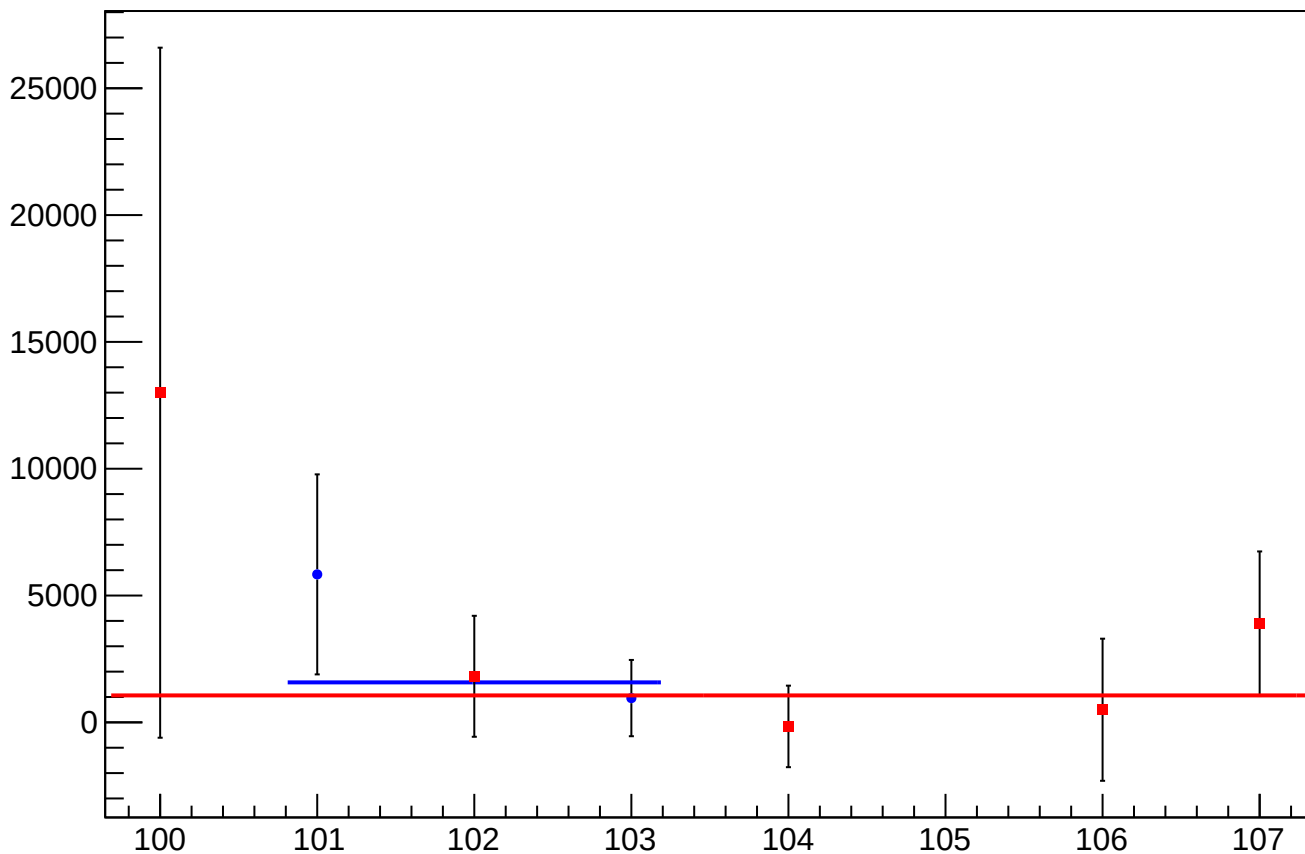
asym_atl_dd_atr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6129.9/1
 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 : 361566.6/6
 In: 0.000+/-0.000 χ^2/NDF : 6129.9/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 361566.6/6

reg_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 1576.309+/-1404.983 χ^2/NDF : 1.3/1

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

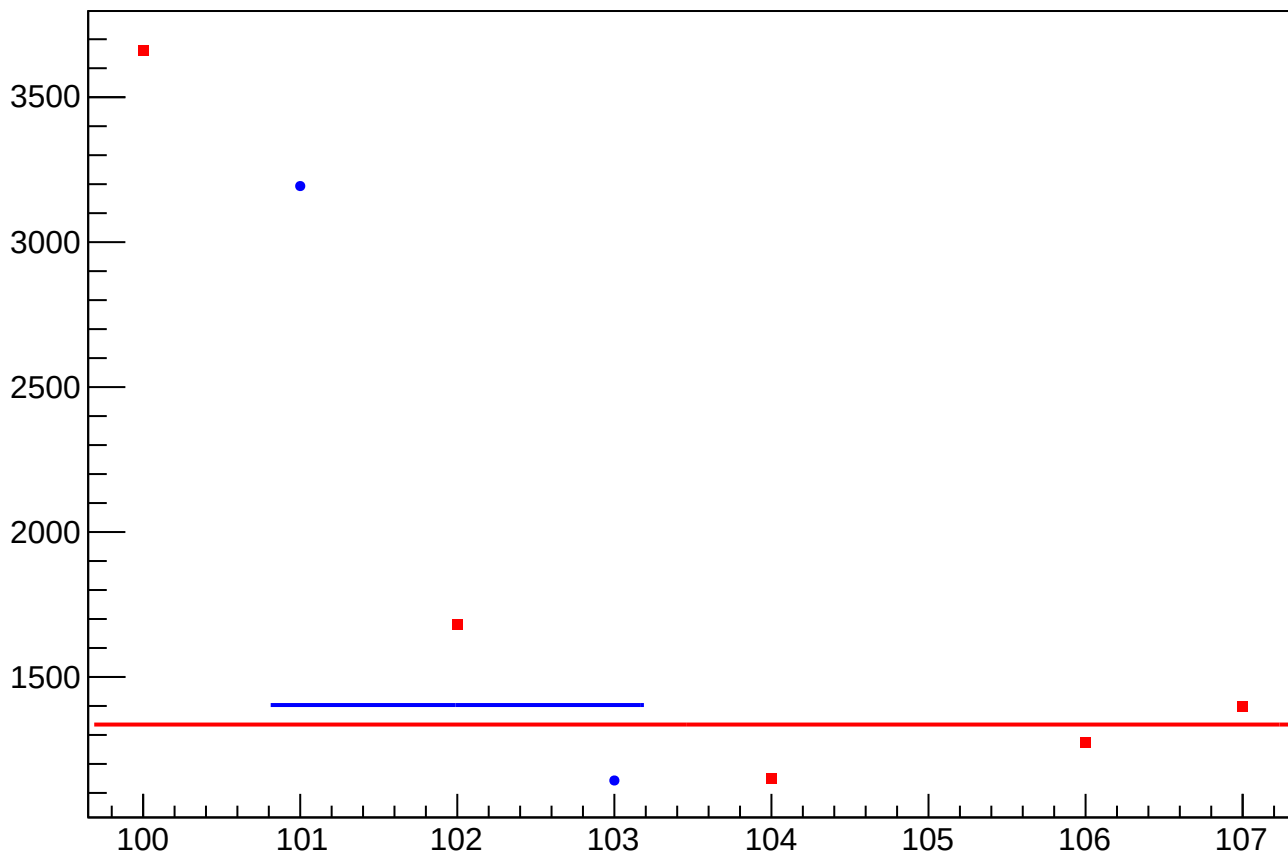
Right: 1258.880+/-868.591 χ^2/NDF : 3.9/6

In: 1576.309+/-1404.983 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1258.880+/-868.591 χ^2/NDF : 3.9/6

reg_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1403.218+/-0.993 χ^2/NDF : 472179.3/1

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

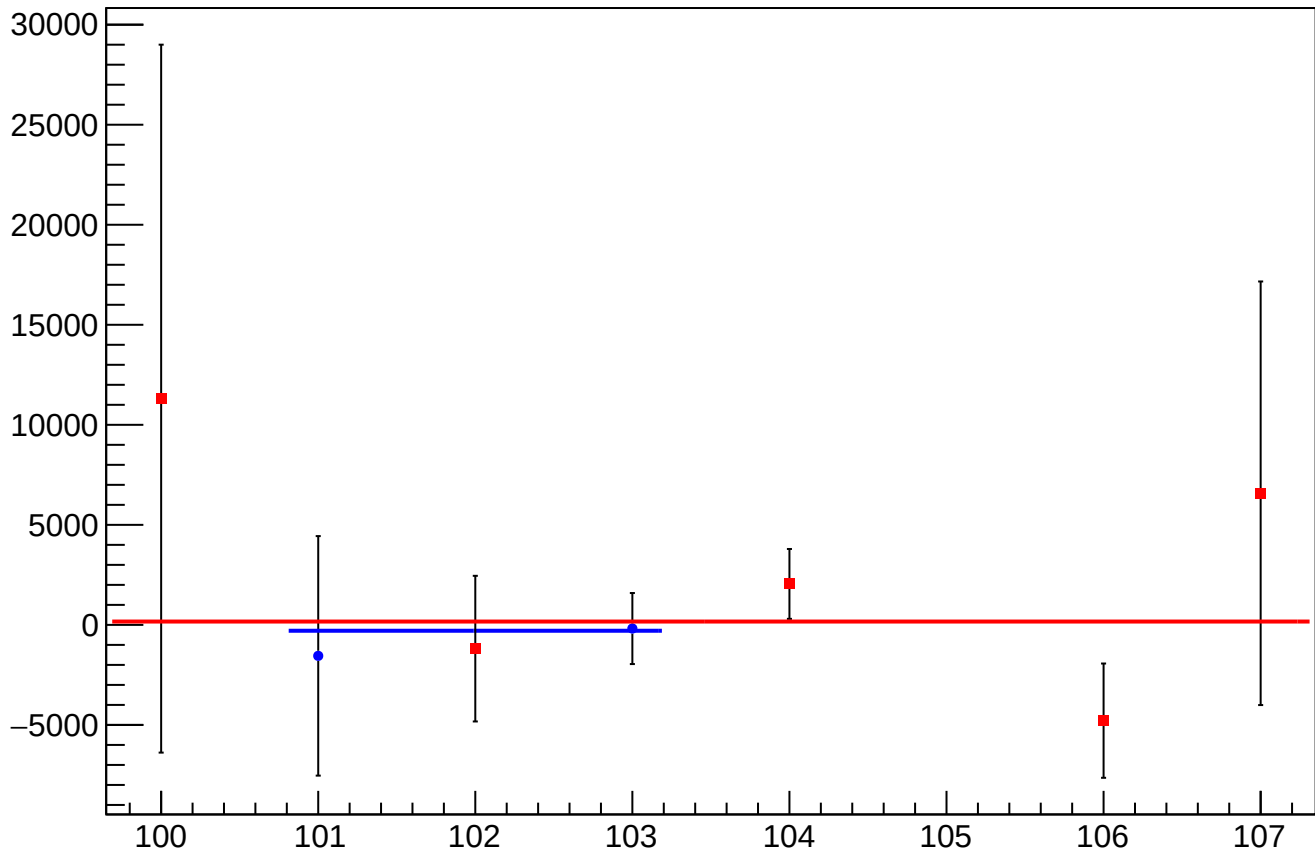
Right: 1361.200+/-0.609 χ^2/NDF : 604026.2/6

In: 1403.218+/-0.993 χ^2/NDF : 472179.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1361.200+/-0.609 χ^2/NDF : 604026.2/6

asym_atl_avg_atr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -293.059+/-1702.048 χ^2/NDF : 0.0/1

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

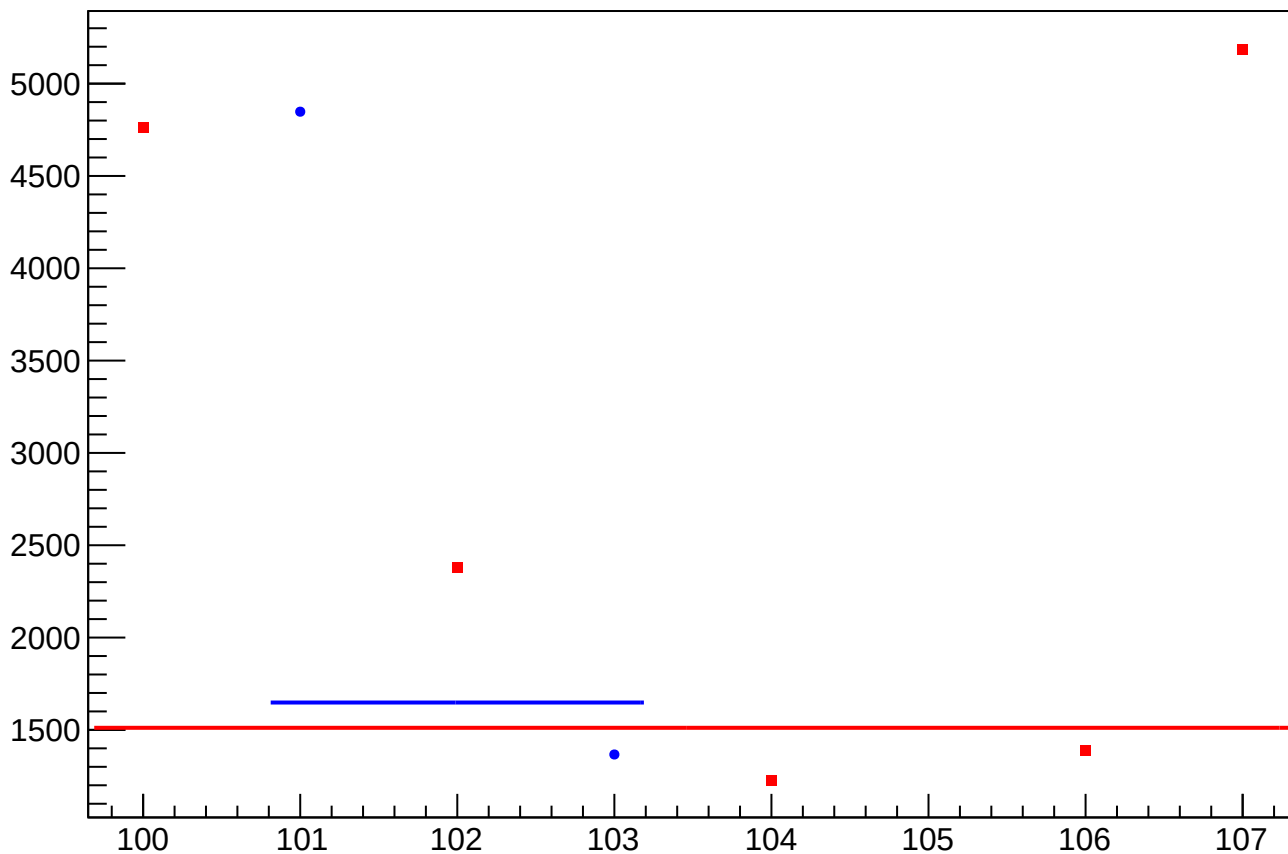
Right: -12.613+/-1063.966 χ^2/NDF : 5.2/6

In: -293.059+/-1702.048 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.613+/-1063.966 χ^2/NDF : 5.2/6

asym_atl_avg_atr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1648.199+/-1.204 χ^2/NDF : 621731.8/1

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

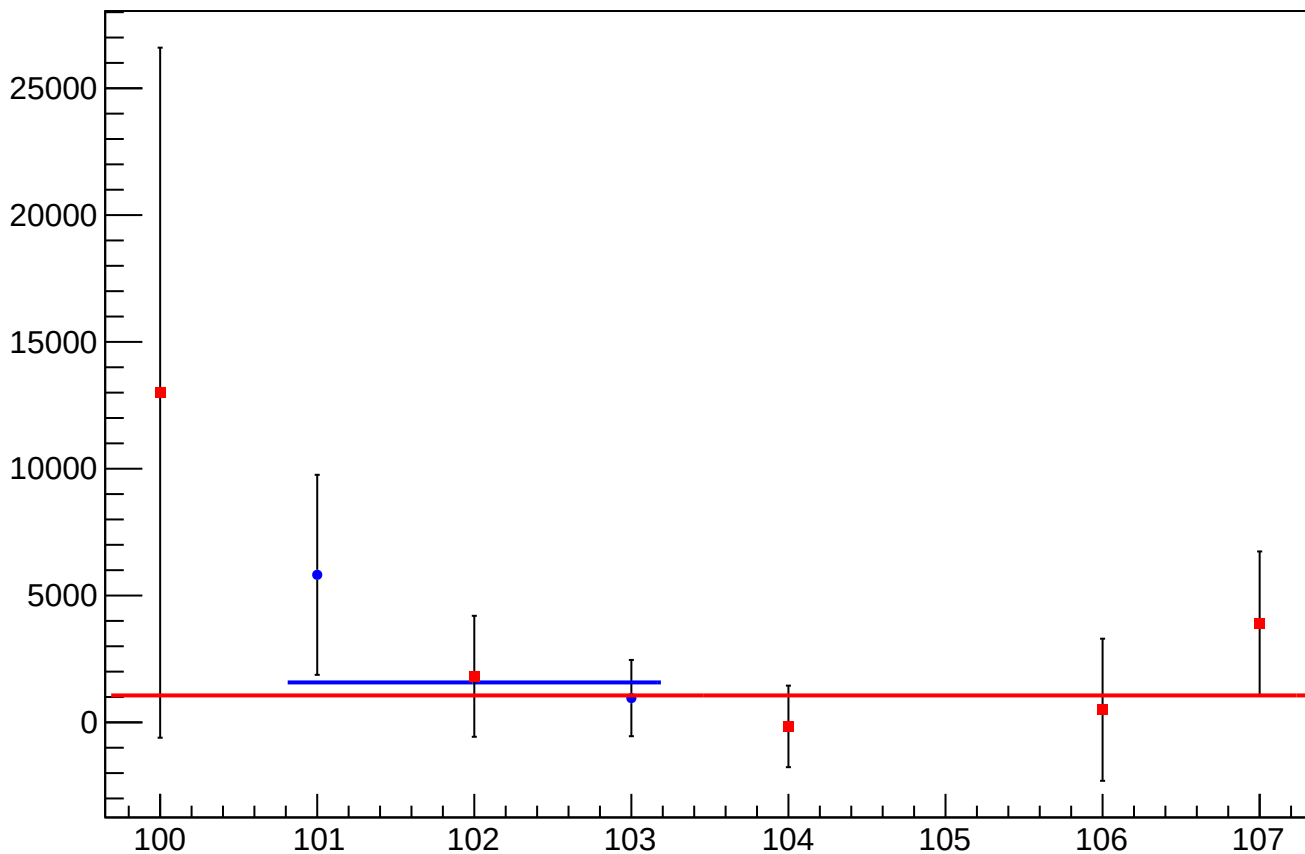
Right: 1564.785+/-0.752 χ^2/NDF : 1109395.9/6

In: 1648.199+/-1.204 χ^2/NDF : 621731.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1564.785+/-0.752 χ^2/NDF : 1109395.9/6

cor_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 1574.287+/-1404.985 χ^2/NDF : 1.3/1

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

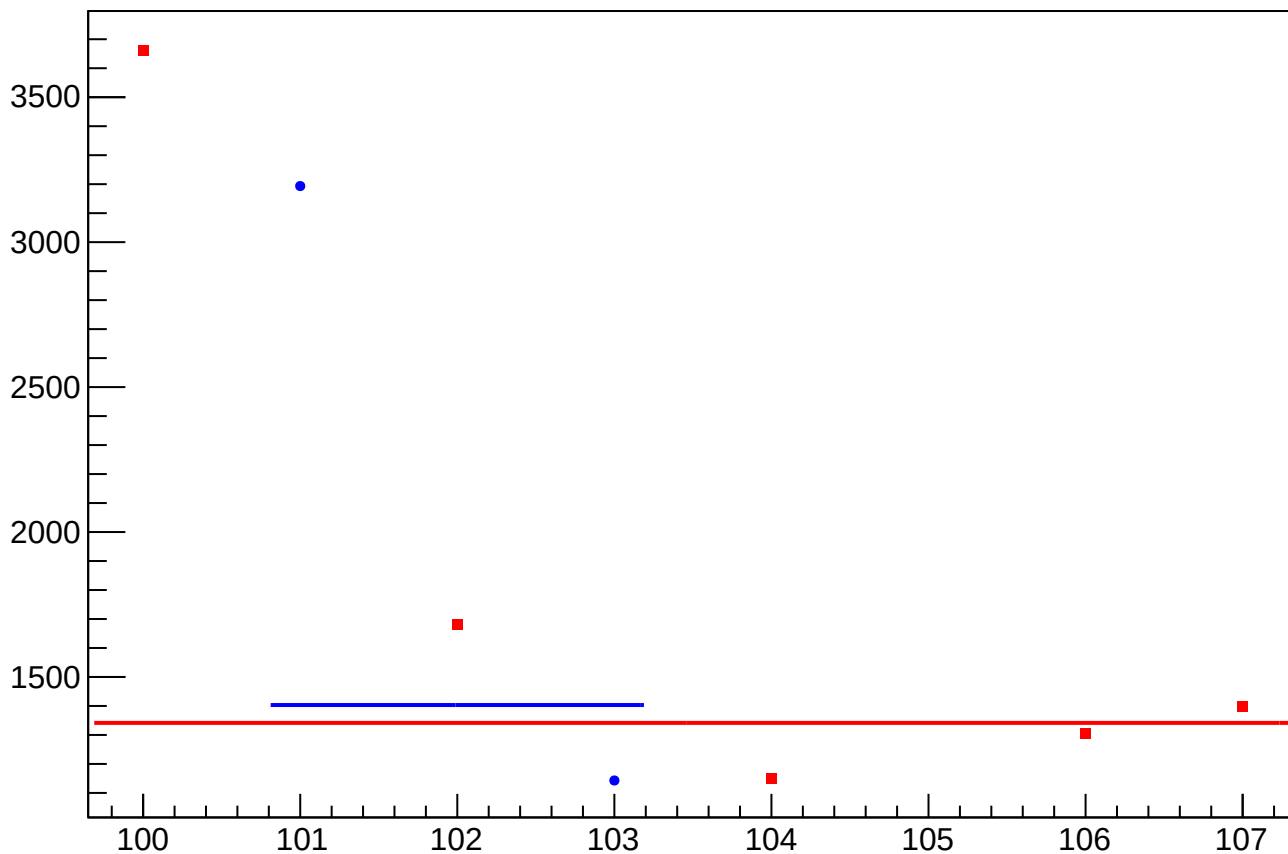
Right: 1257.963+/-868.591 χ^2/NDF : 3.9/6

In: 1574.287+/-1404.985 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1257.963+/-868.591 χ^2/NDF : 3.9/6

cor_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1403.217+/-0.993 χ^2/NDF : 472181.1/1

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

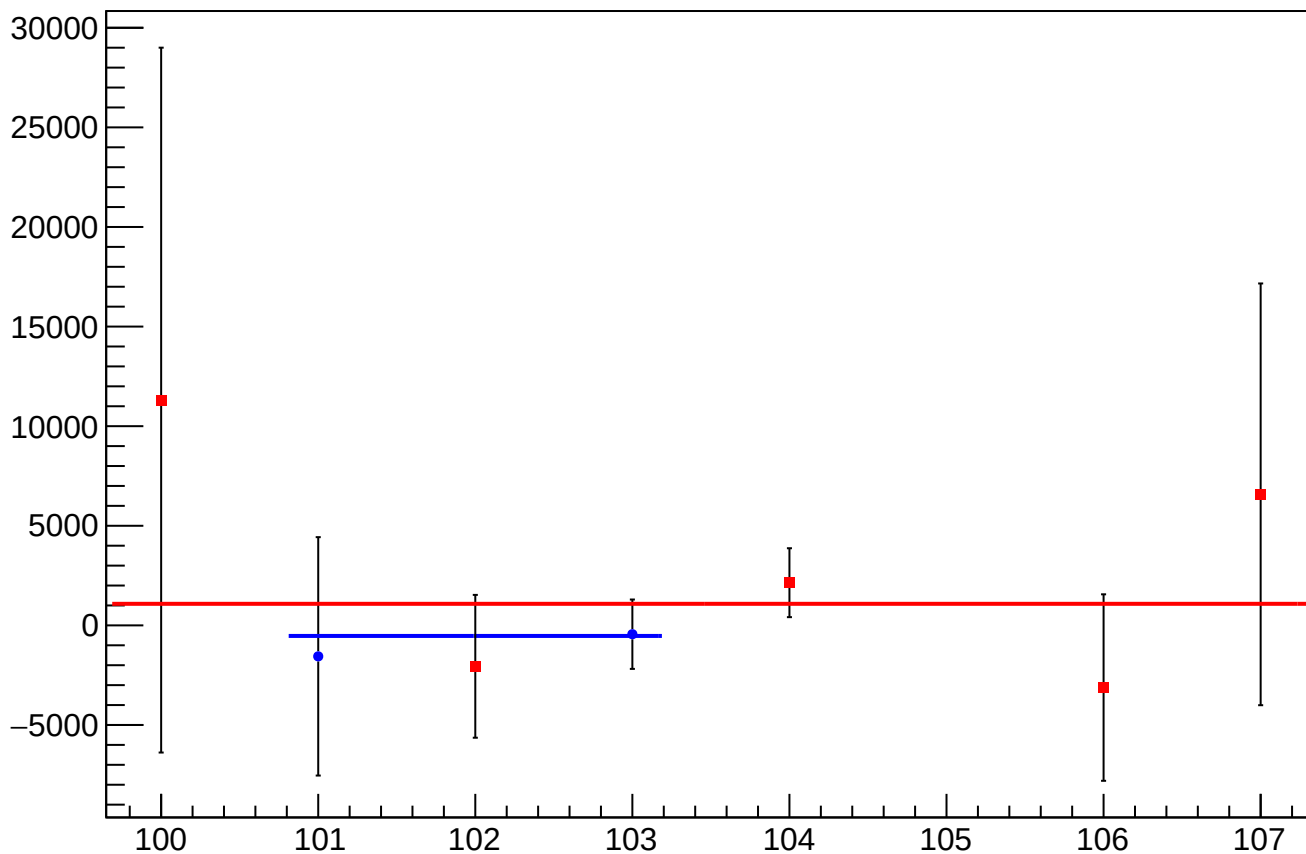
Right: 1364.873+/-0.611 χ^2/NDF : 602644.6/6

In: 1403.217+/-0.993 χ^2/NDF : 472181.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1364.873+/-0.611 χ^2/NDF : 602644.6/6

asym_atl_avg_atr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -530.097+/-1672.156 χ^2/NDF : 0.0/1

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

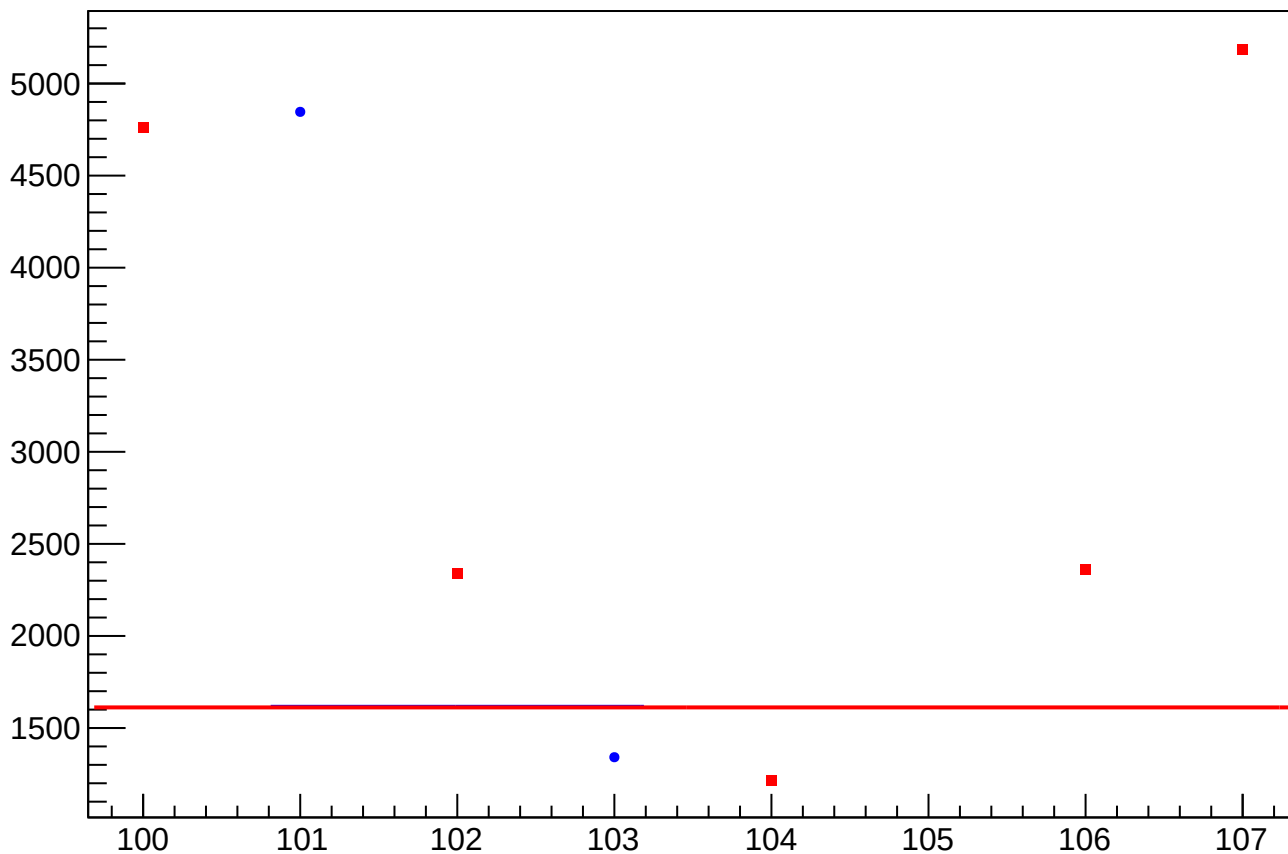
Right: 385.410+/-1099.379 χ^2/NDF : 3.1/6

In: -530.097+/-1672.156 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 385.410+/-1099.379 χ^2/NDF : 3.1/6

asym_atl_avg_atr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1615.165+/-1.182 χ^2/NDF : 632486.6/1

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

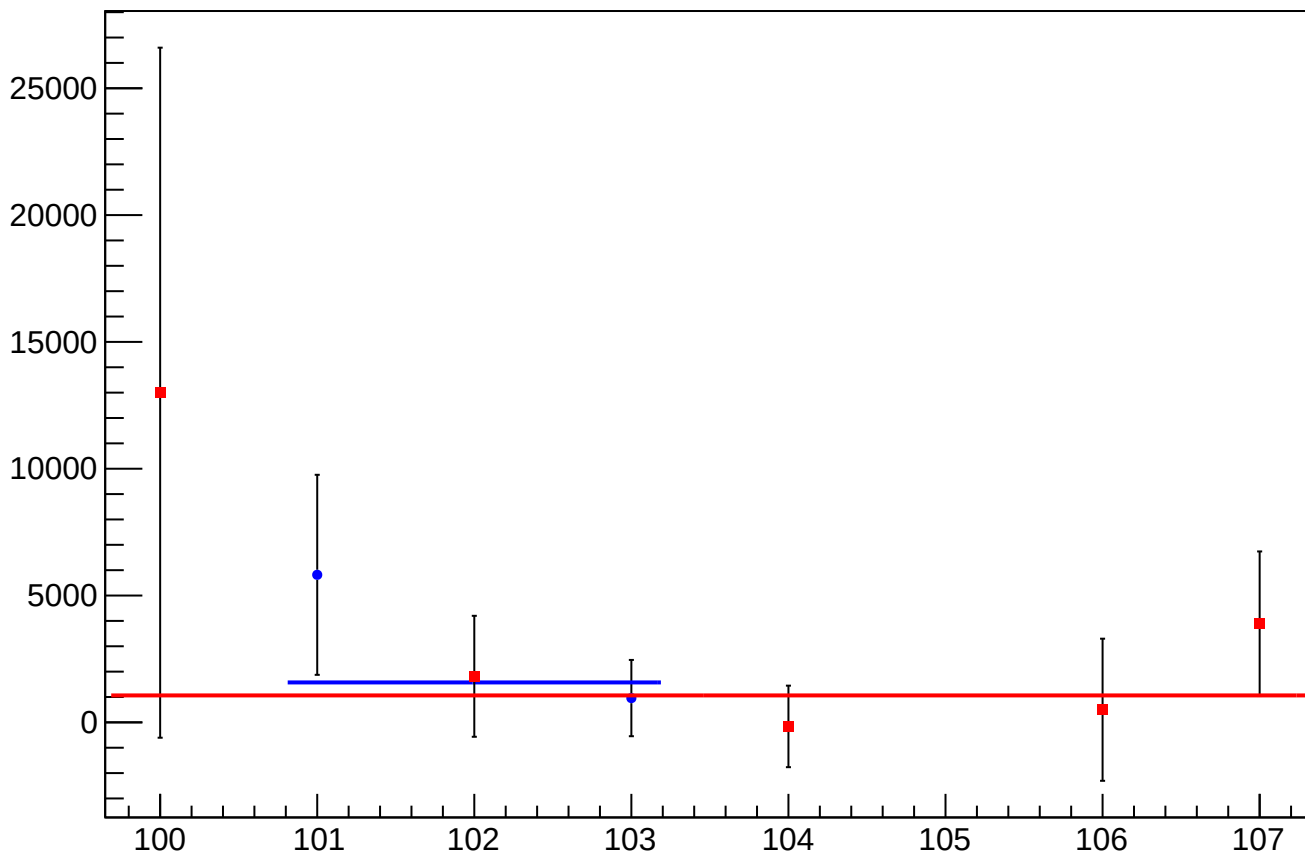
Right: 1613.342+/-0.777 χ^2/NDF : 1163153.5/6

In: 1615.165+/-1.182 χ^2/NDF : 632486.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1613.342+/-0.777 χ^2/NDF : 1163153.5/6

eigen_cor_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 1574.287+/-1404.985 χ^2/NDF : 1.3/1

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

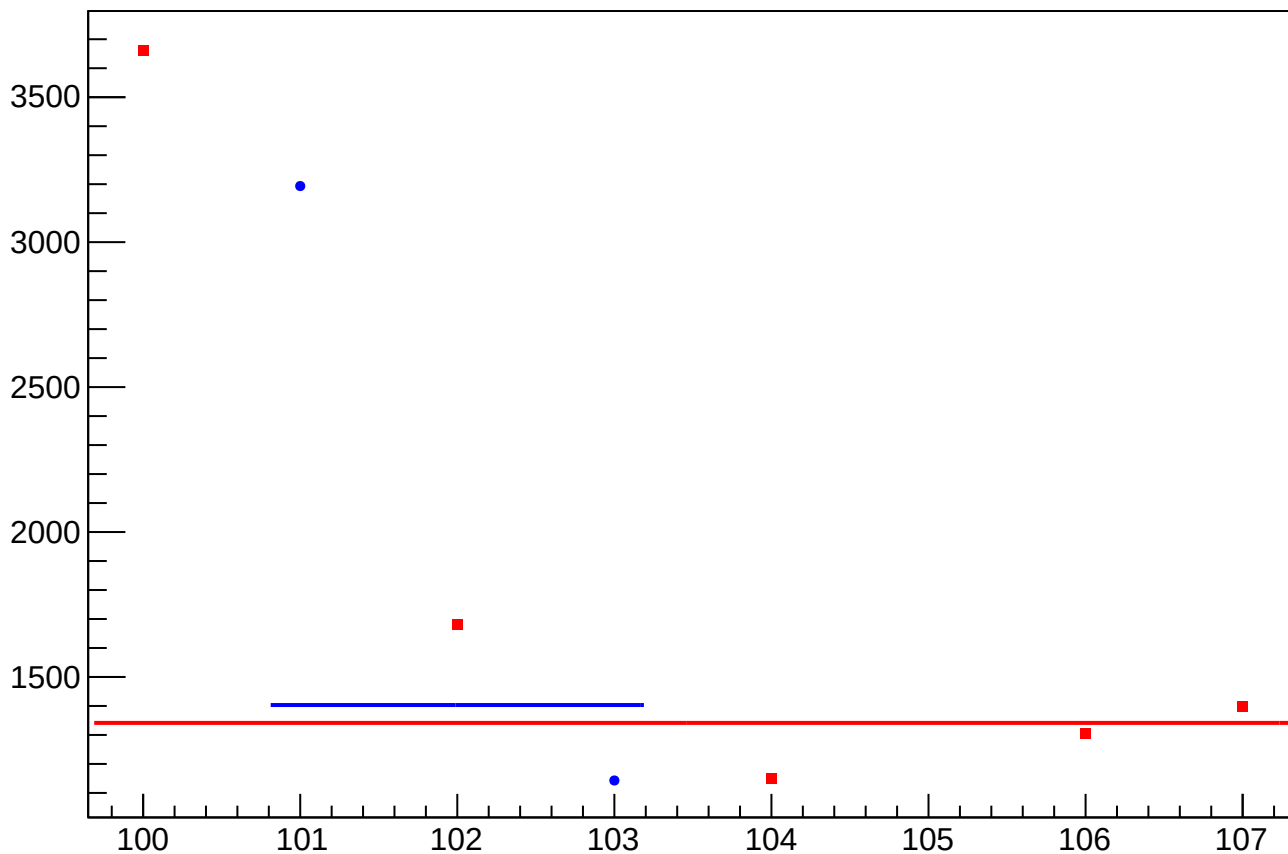
Right: 1257.963+/-868.591 χ^2/NDF : 3.9/6

In: 1574.287+/-1404.985 χ^2/NDF :1.3/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1257.963+/-868.591 χ^2/NDF : 3.9/6

eigen_cor_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1403.217+/-0.993 χ^2/NDF : 472181.1/1

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

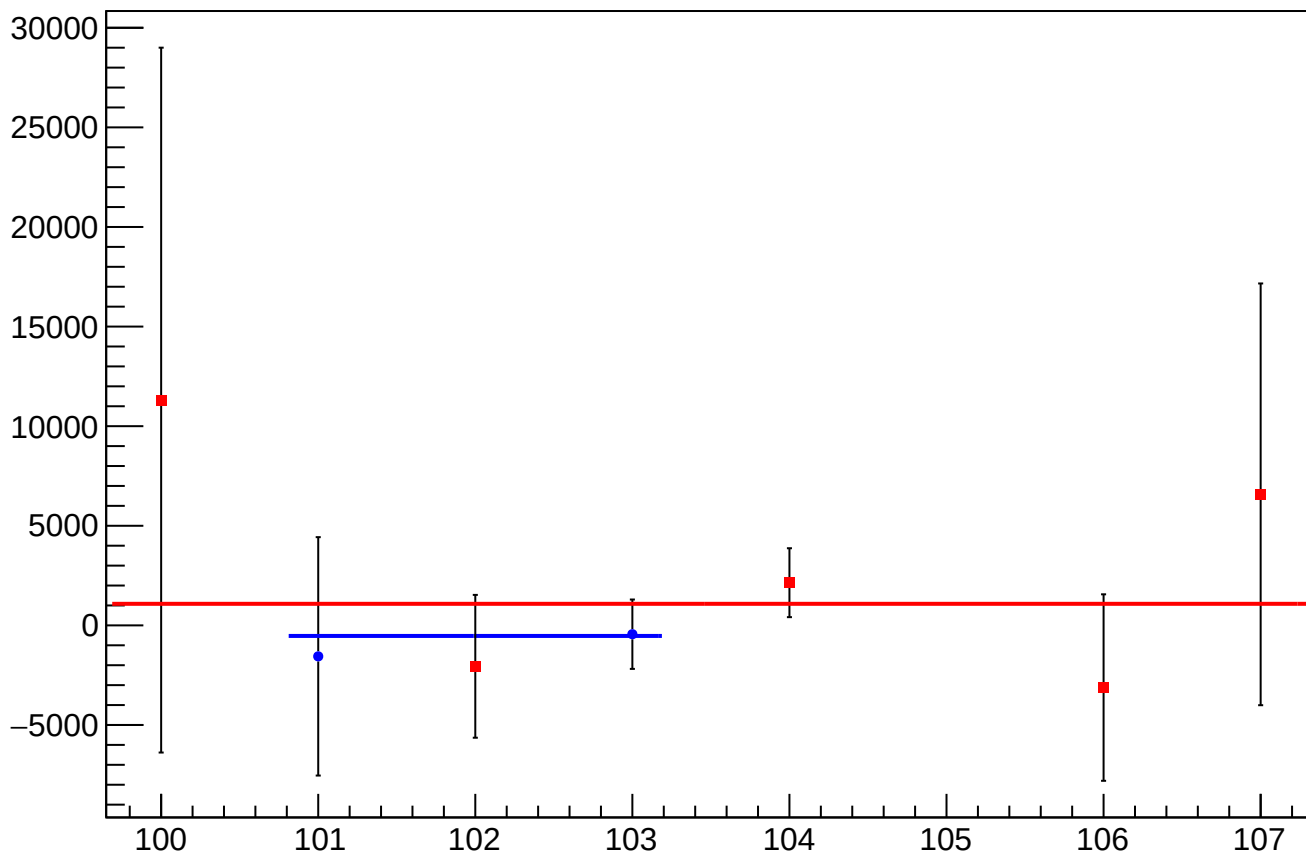
Right: 1364.873+/-0.611 χ^2/NDF : 602644.6/6

In: 1403.217+/-0.993 χ^2/NDF : 472181.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1364.873+/-0.611 χ^2/NDF : 602644.6/6

asym_atl_avg_atr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -530.097+/-1672.156 χ^2/NDF : 0.0/1

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

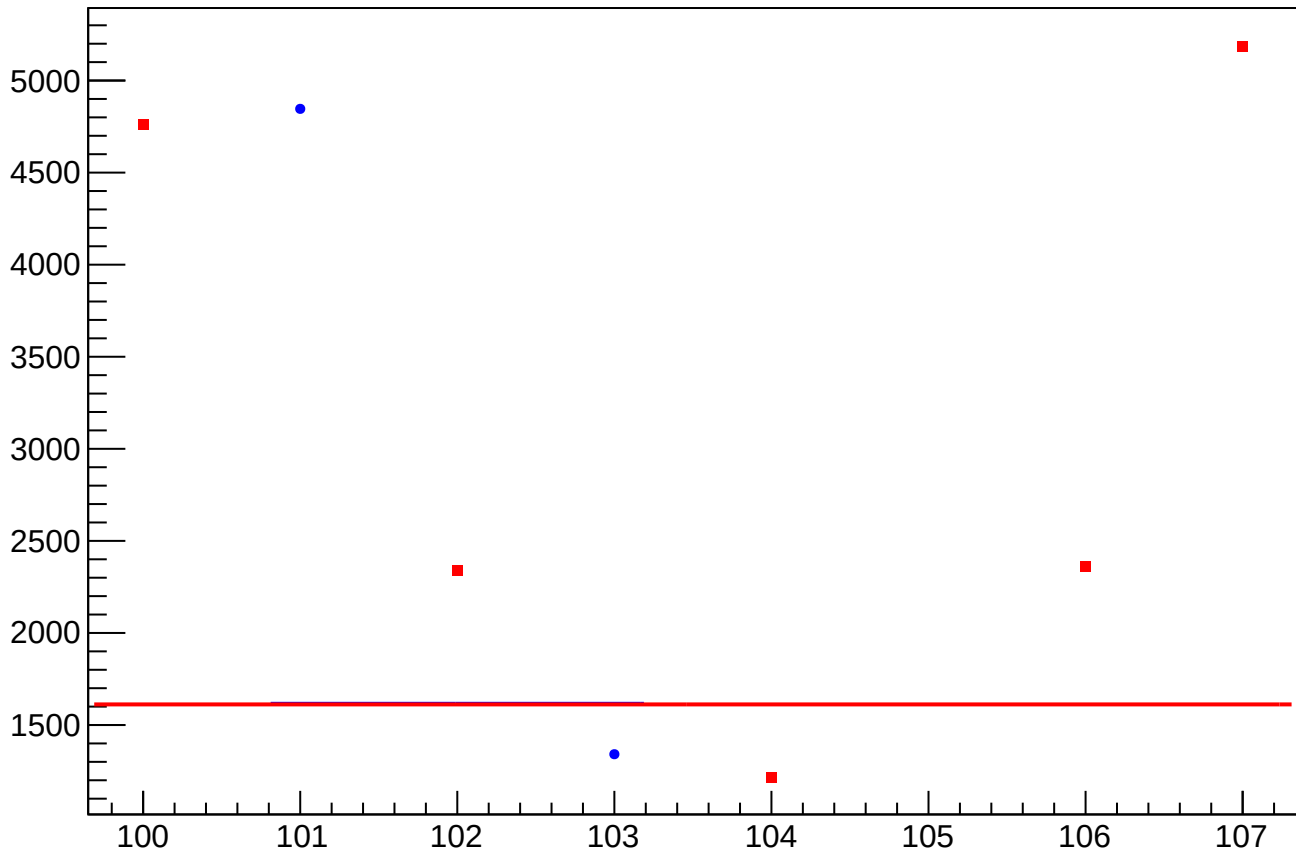
Right: 385.410+/-1099.379 χ^2/NDF : 3.1/6

In: -530.097+/-1672.156 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 385.410+/-1099.379 χ^2/NDF : 3.1/6

asym_atl_avg_atr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1615.165+/-1.182 χ^2/NDF : 632486.6/1

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

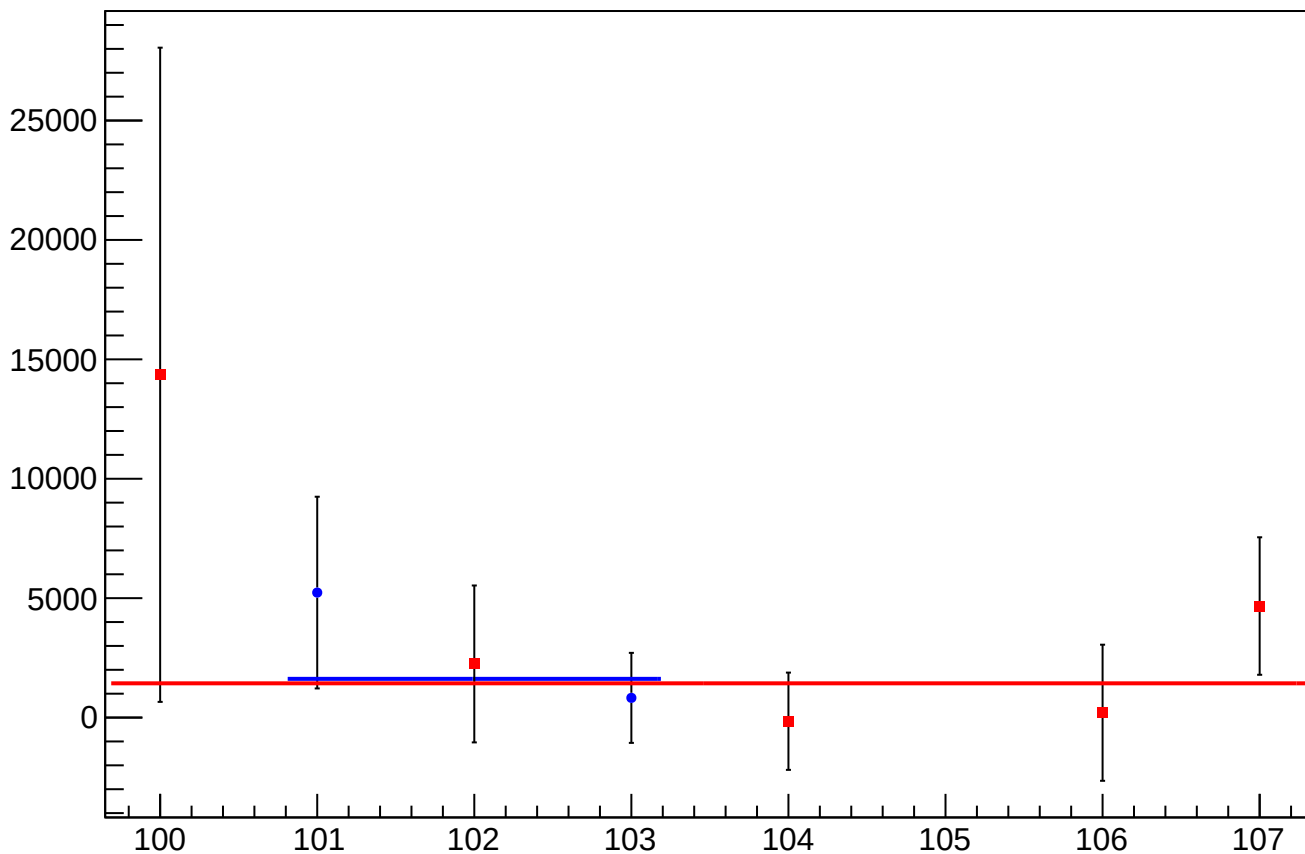
Right: 1613.342+/-0.777 χ^2/NDF : 1163153.5/6

In: 1615.165+/-1.182 χ^2/NDF : 632486.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1613.342+/-0.777 χ^2/NDF : 1163153.5/6

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 1621.397+/-1706.114 χ^2/NDF : 1.0/1

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

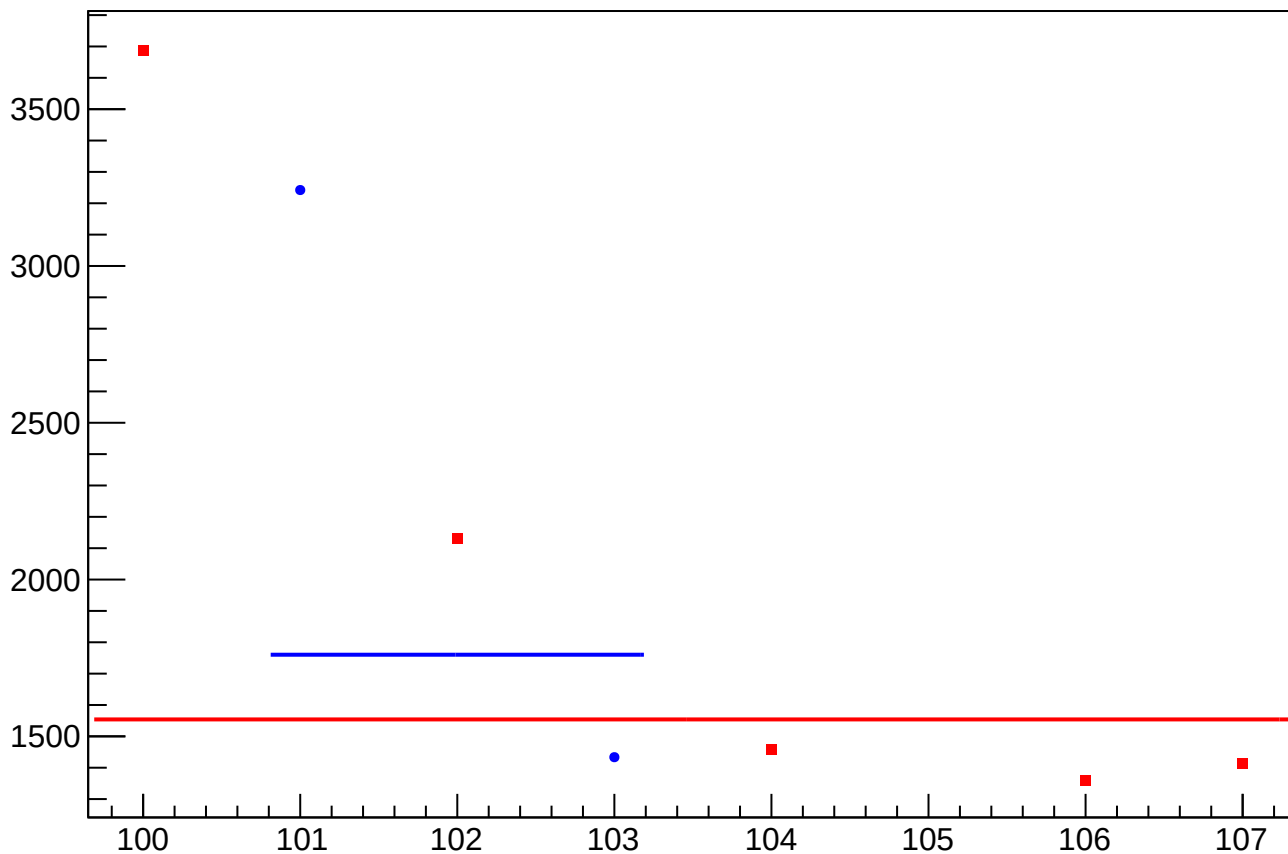
Right: 1503.567+/-1038.926 χ^2/NDF : 4.0/6

In: 1621.397+/-1706.114 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1503.567+/-1038.926 χ^2/NDF : 4.0/6

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1760.311+/-1.206 χ^2/NDF : 332701.5/1

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

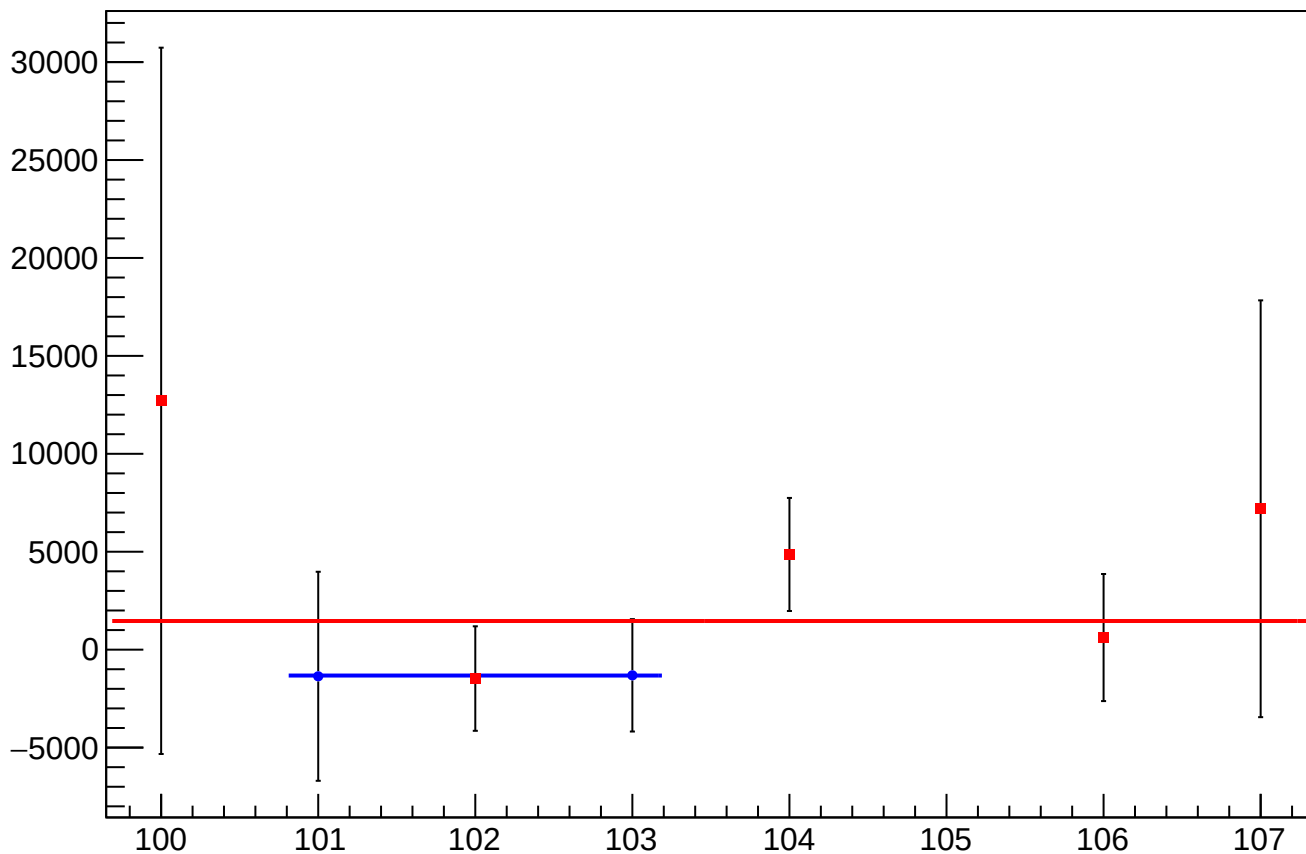
Right: 1630.096+/-0.733 χ^2/NDF : 480177.5/6

In: 1760.311+/-1.206 χ^2/NDF : 332701.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1630.096+/-0.733 χ^2/NDF : 480177.5/6

asym_atl_avg_atr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1321.399+/-2527.229 χ^2/NDF : 0.0/1

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

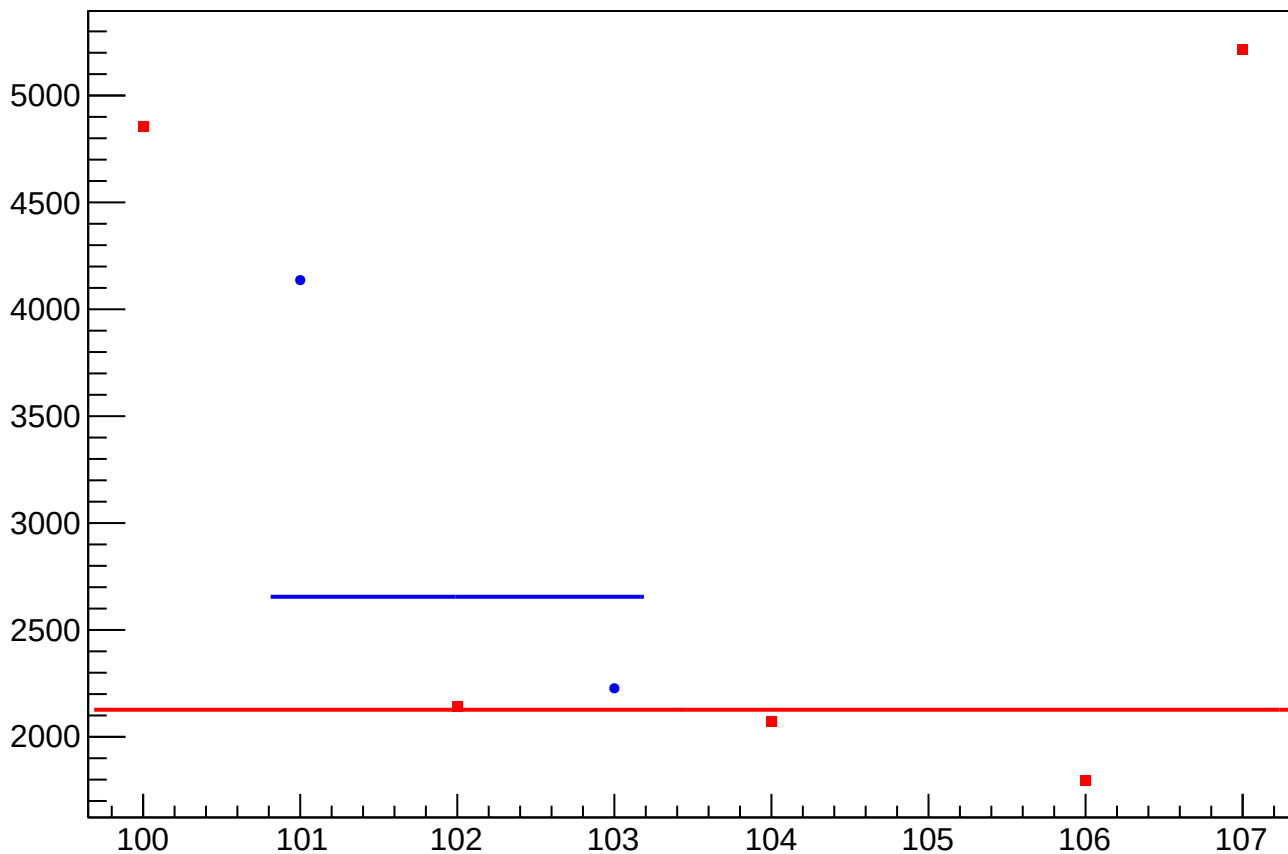
Right: 630.979+/-1381.477 χ^2/NDF : 4.2/6

In: -1321.399+/-2527.229 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 630.979+/-1381.477 χ^2/NDF : 4.2/6

asym_atl_avg_atr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2655.304+/-1.787 χ^2/NDF : 198605.9/1

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

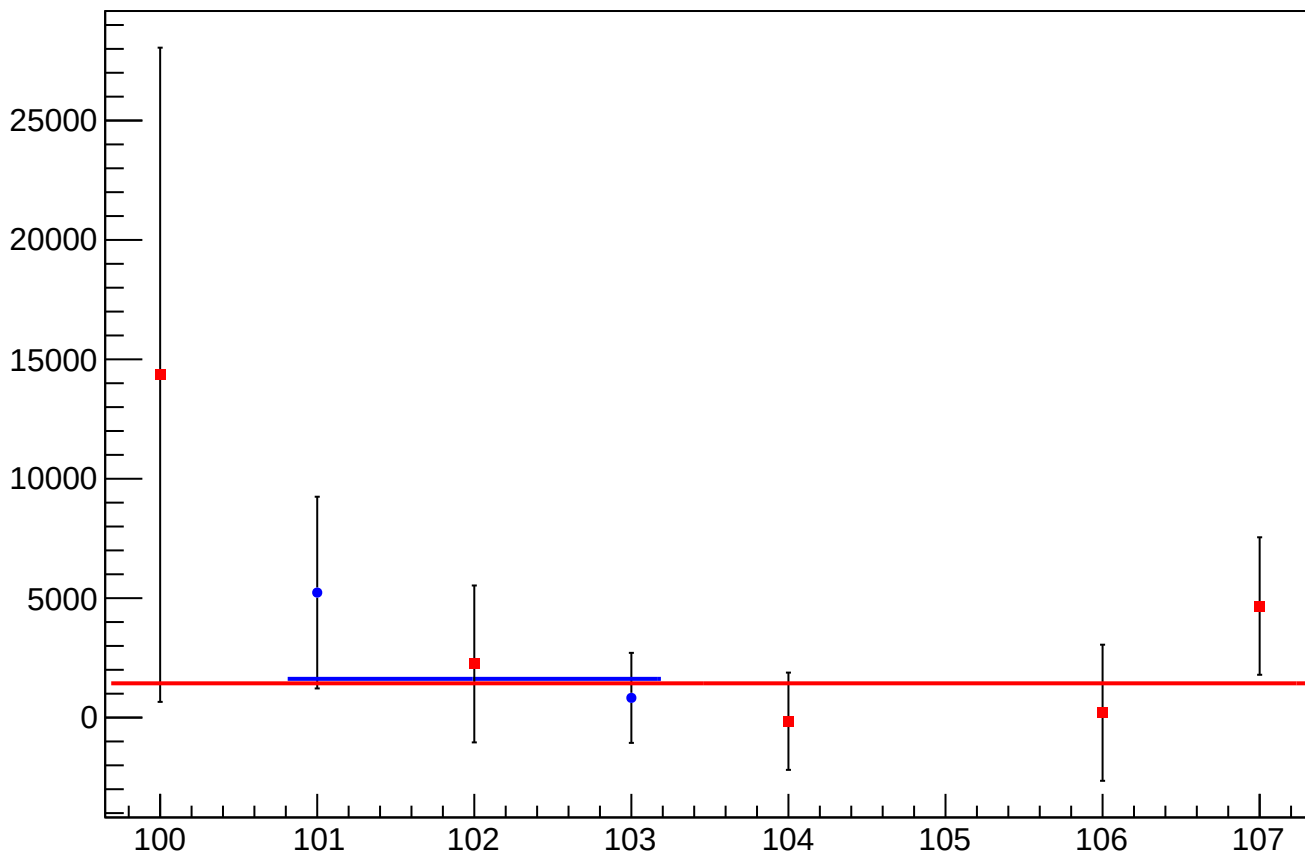
Right: 2284.734+/-0.977 χ^2/NDF : 495780.7/6

In: 2655.304+/-1.787 χ^2/NDF : 198605.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2284.734+/-0.977 χ^2/NDF : 495780.7/6

eigen_dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 1621.388+/-1706.112 χ^2/NDF : 1.0/1

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

Right Out: 1434.118+/-1309.765 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

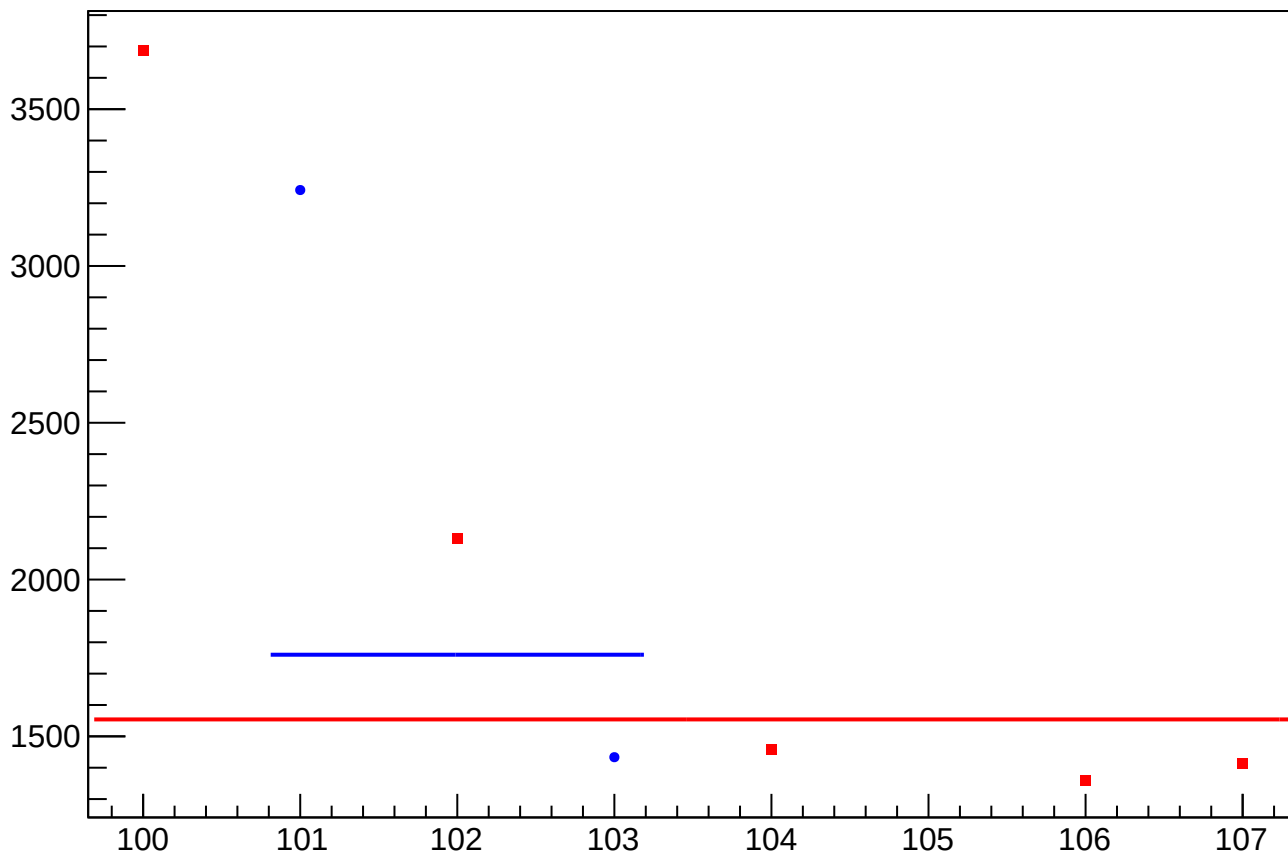
Right: 1503.560+/-1038.925 χ^2/NDF : 4.0/6

In: 1621.388+/-1706.112 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1503.560+/-1038.925 χ^2/NDF : 4.0/6

eigen_dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1760.308+/-1.206 χ^2/NDF : 332702.7/1

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

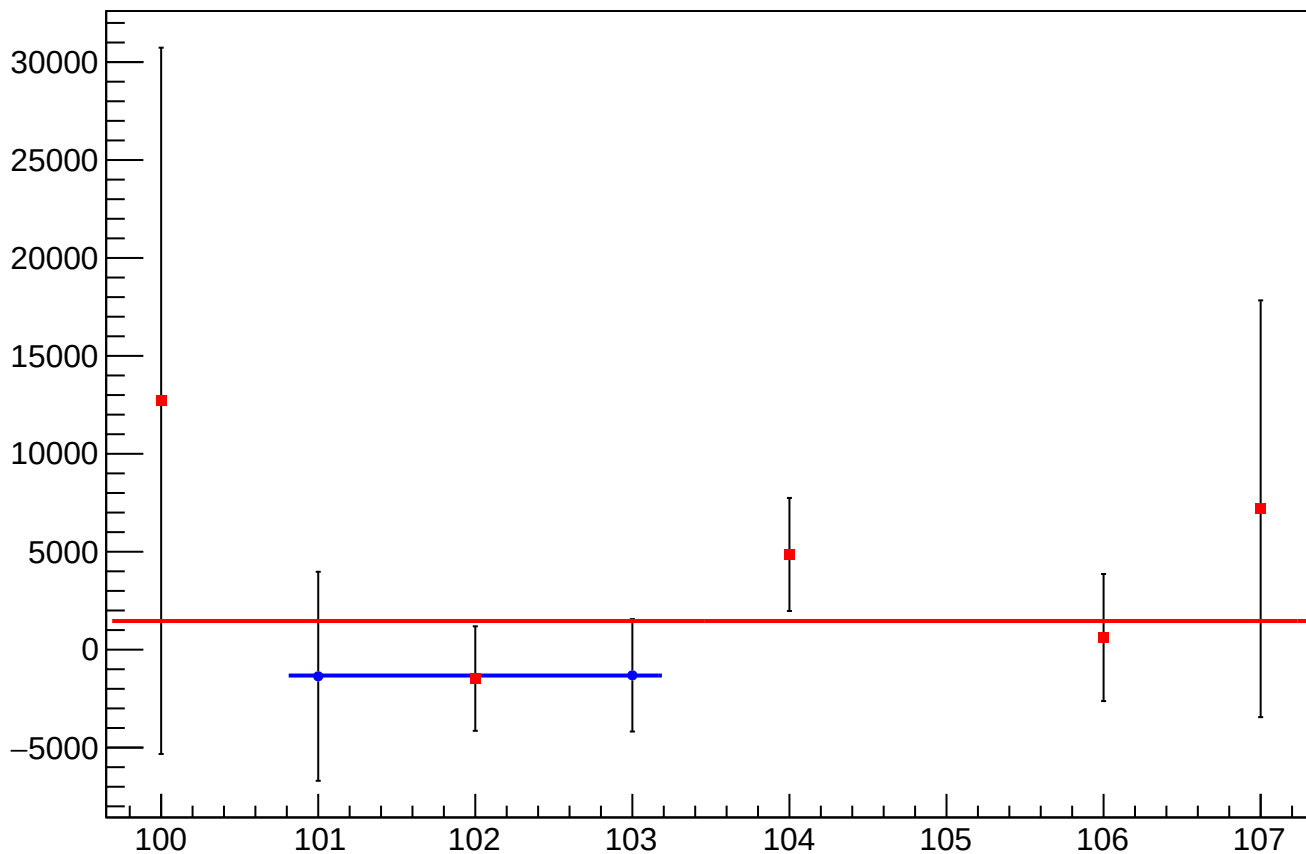
Right: 1630.094+/-0.733 χ^2/NDF : 480177.9/6

In: 1760.308+/-1.206 χ^2/NDF : 332702.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1630.094+/-0.733 χ^2/NDF : 480177.9/6

asym_atl_avg_atr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1321.402 $\pm$ 2527.224 χ^2 /NDF: 0.0/1

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

Right Out: 1462.985 $\pm$ 1649.777 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

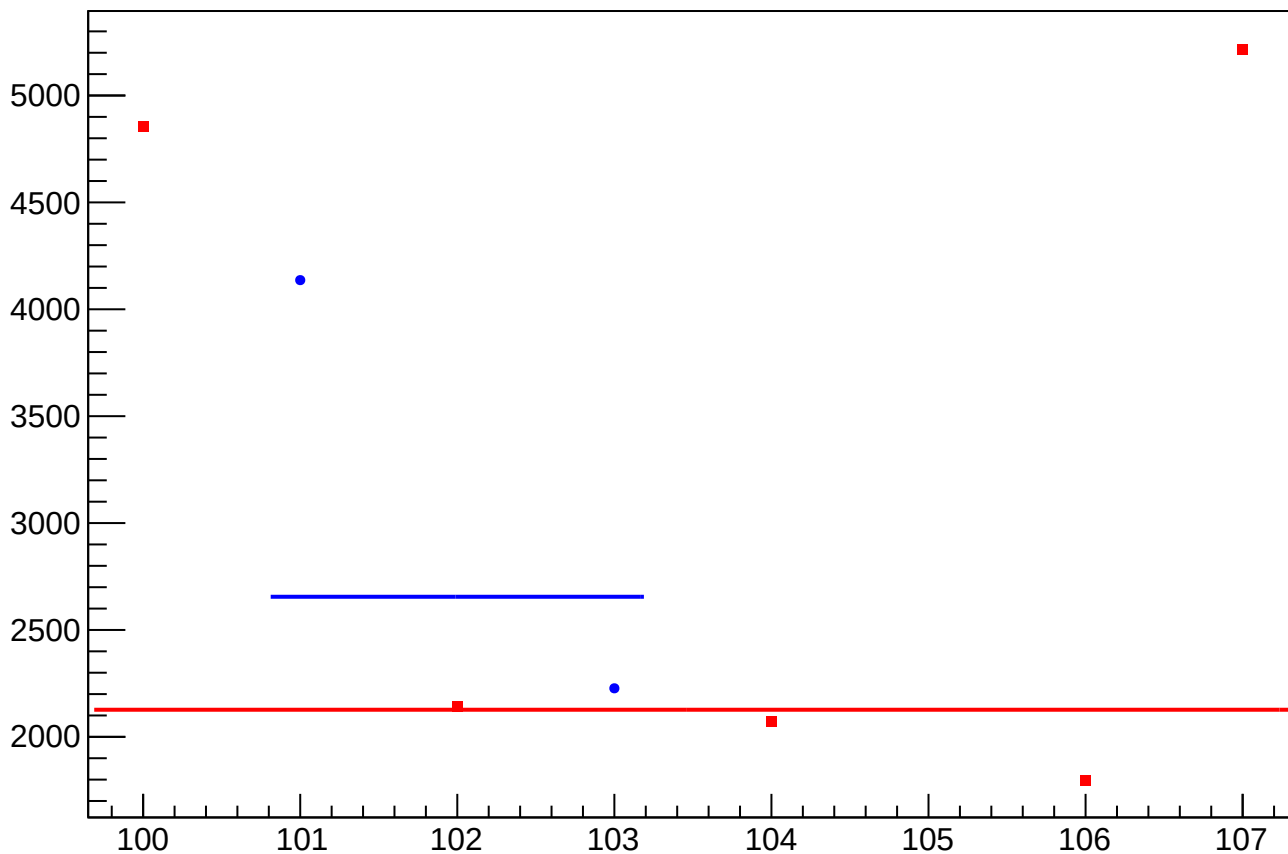
Right: 630.977 $\pm$ 1381.474 χ^2 /NDF: 4.2/6

In: -1321.402 $\pm$ 2527.224 χ^2 /NDF: 0.0/1

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

All: 630.977 $\pm$ 1381.474 χ^2 /NDF: 4.2/6

asym_atl_avg_atr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2655.298+/-1.787 χ^2/NDF : 198606.1/1

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

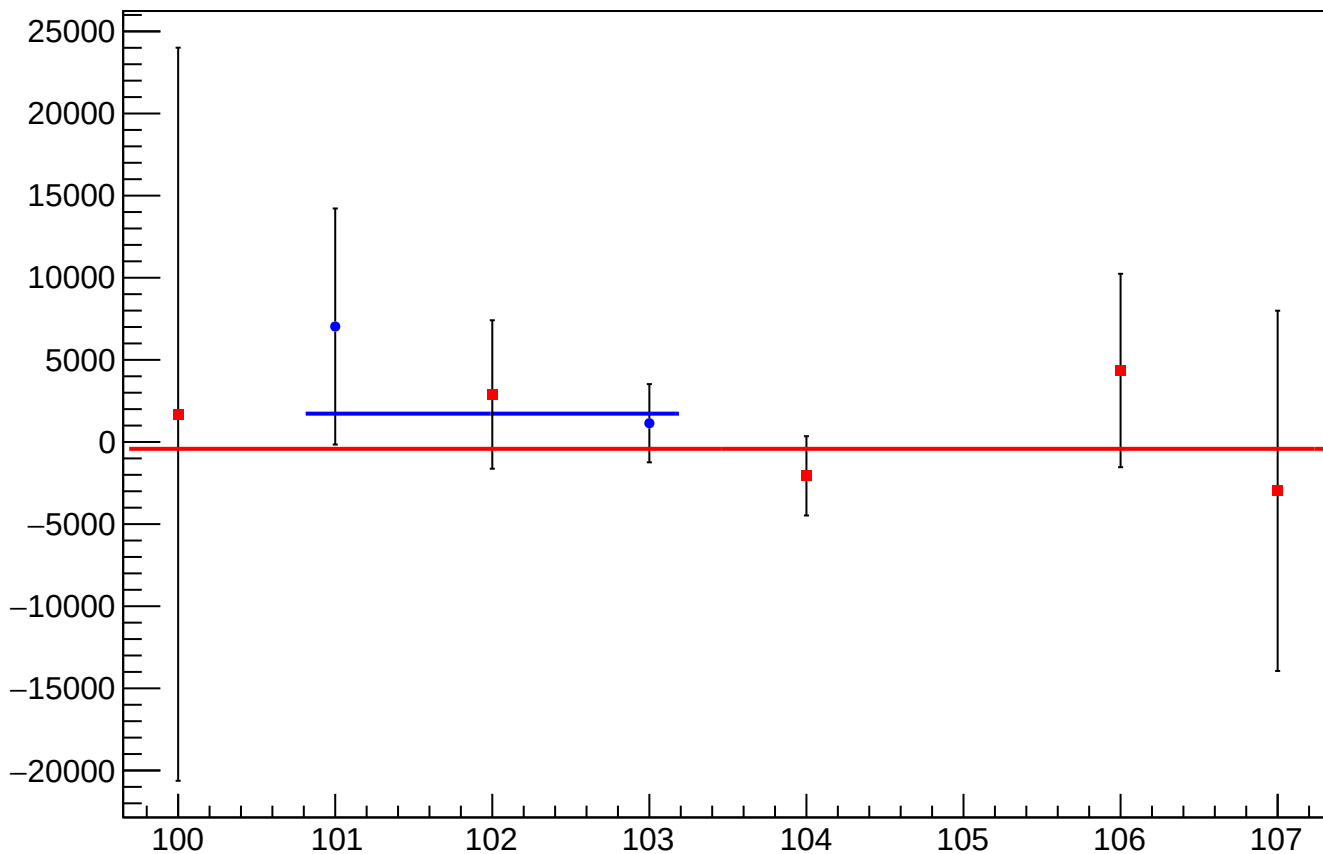
Right: 2284.728+/-0.977 χ^2/NDF : 495782.4/6

In: 2655.298+/-1.787 χ^2/NDF : 198606.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2284.728+/-0.977 χ^2/NDF : 495782.4/6

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 1725.664 $\pm$ 2260.380 χ^2 /NDF: 0.6/1

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

Right Out: -416.610 $\pm$ 1961.521 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

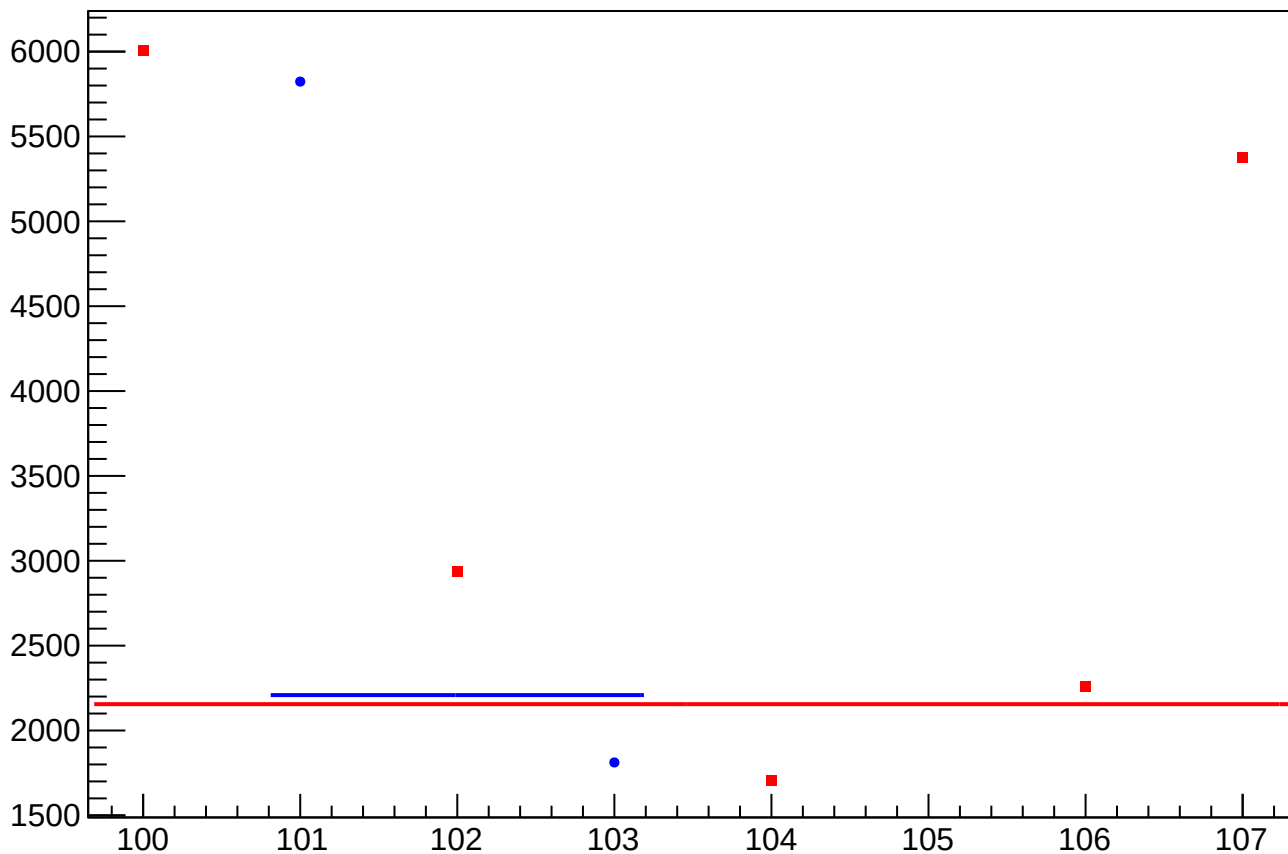
Right: 503.636 $\pm$ 1481.481 χ^2 /NDF: 2.8/6

In: 1725.664 $\pm$ 2260.380 χ^2 /NDF:0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 503.636 $\pm$ 1481.481 χ^2 /NDF: 2.8/6

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2208.580+/-1.598 χ^2/NDF : 561500.9/1

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

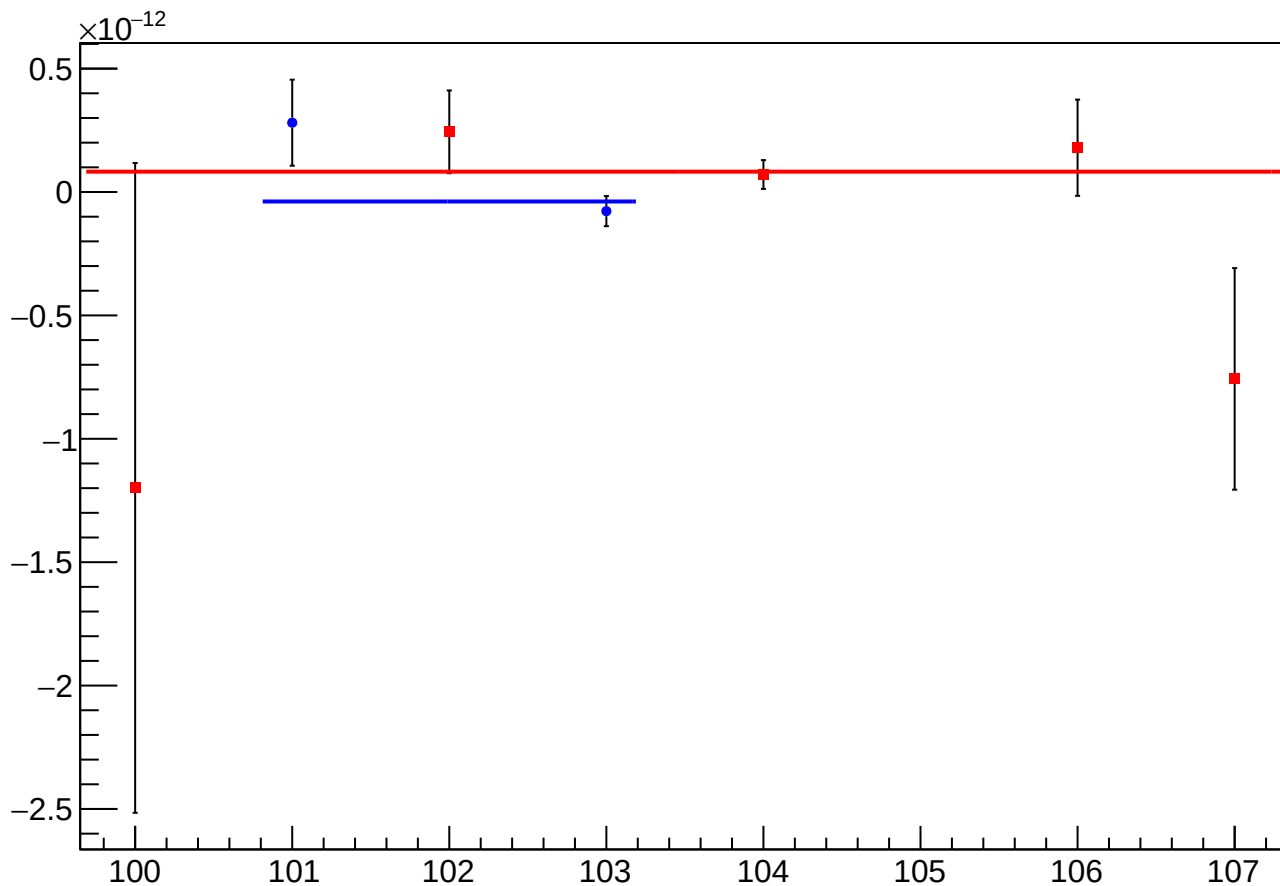
Right: 2177.407+/-1.030 χ^2/NDF : 924259.6/6

In: 2208.580+/-1.598 χ^2/NDF : 561500.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2177.407+/-1.030 χ^2/NDF : 924259.6/6

asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.8/1

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

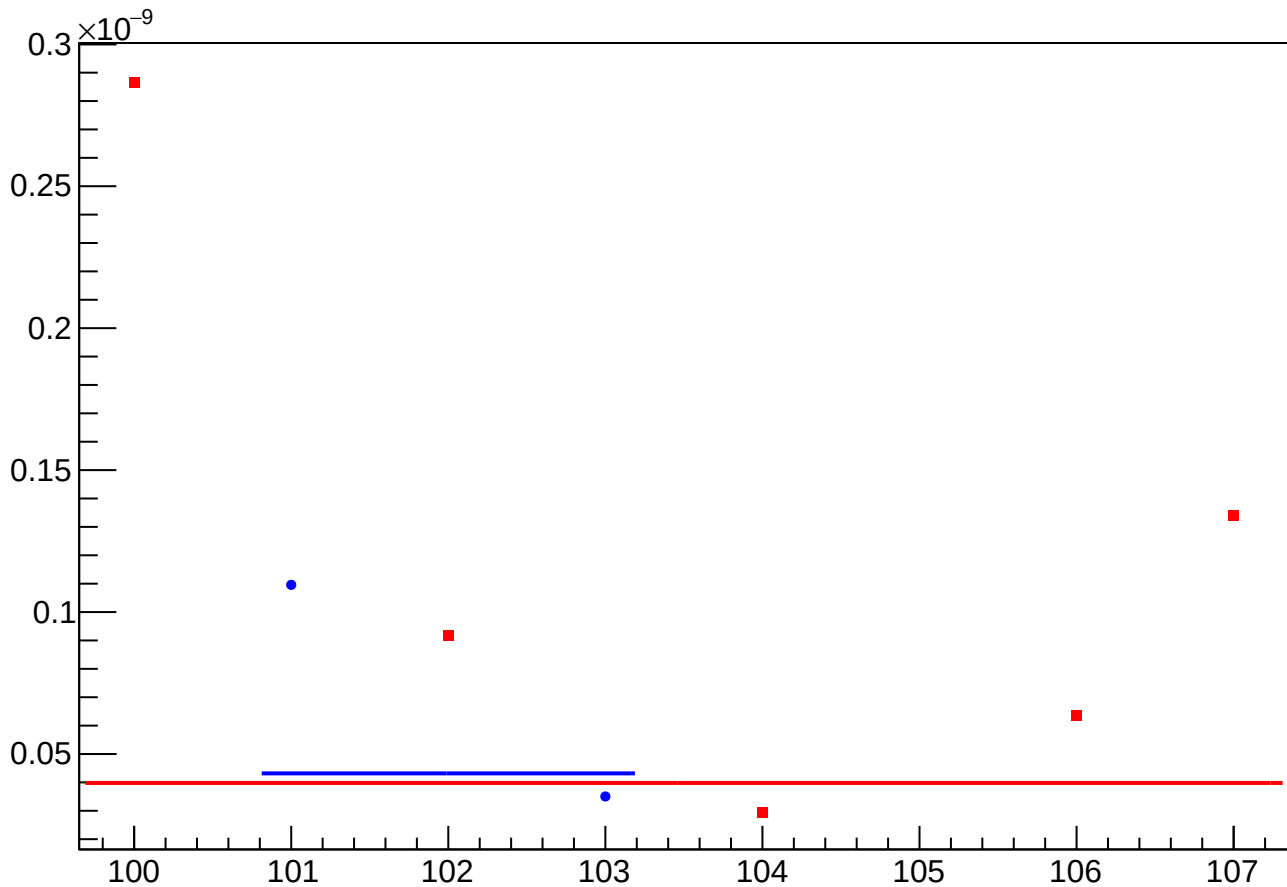
Right: 0.000+/-0.000 χ^2/NDF : 11.8/6

In: -0.000+/-0.000 χ^2/NDF : 3.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.8/6

asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 325612.9/1

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

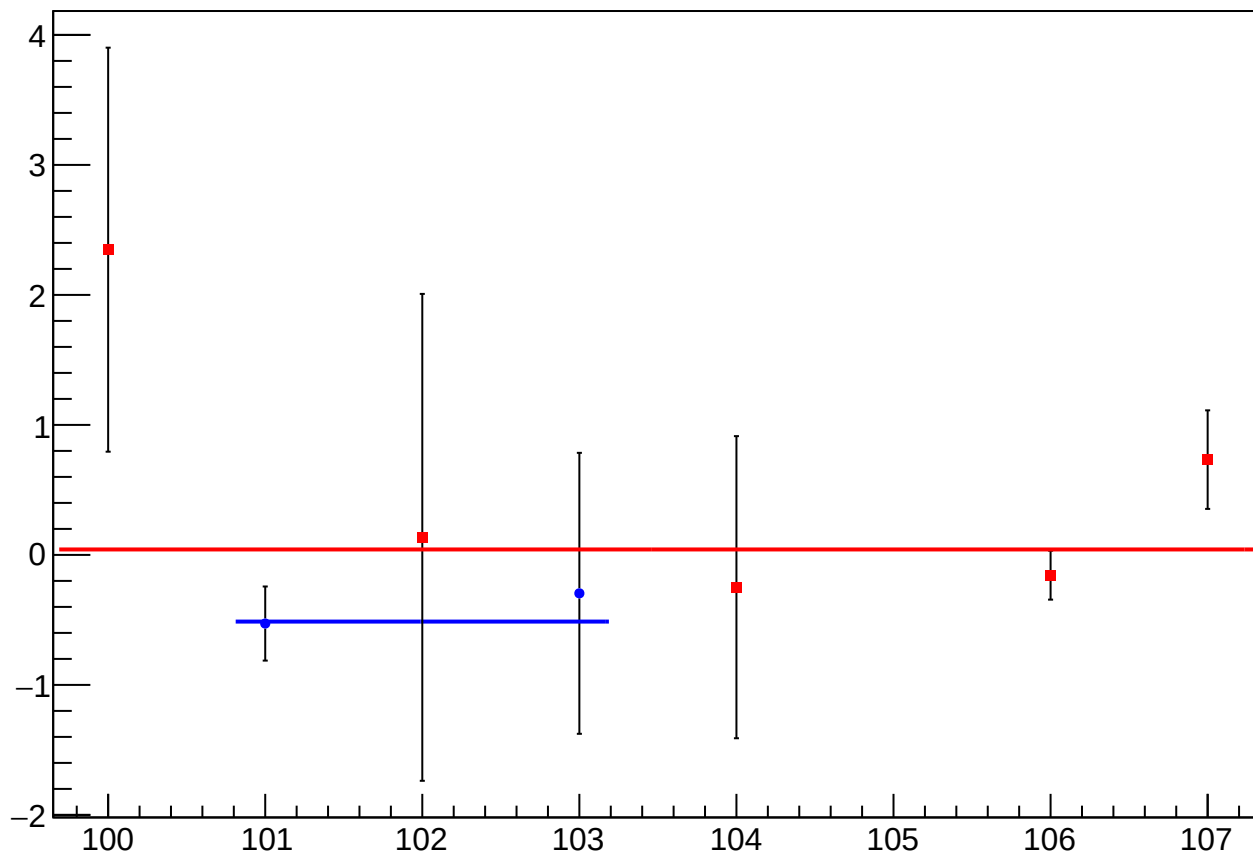
Right: 0.000+/-0.000 χ^2/NDF : 773315.8/6

In: 0.000+/-0.000 χ^2/NDF : 325612.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 773315.8/6

asym_atl_avg_atr_avg_avg_dit_vs_slug_sign_corrected



Right In: -0.513 $\pm$ 0.276 χ^2 /NDF: 0.0/1

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

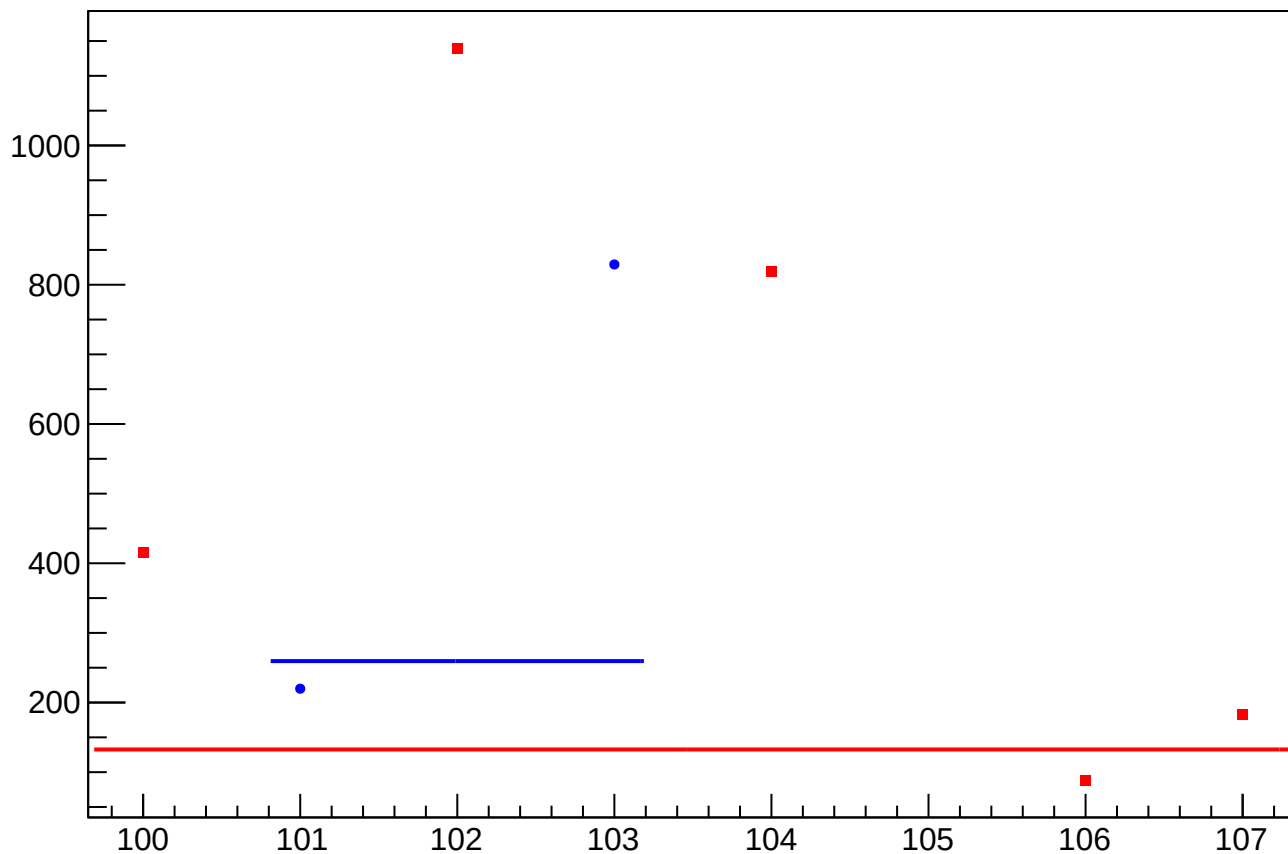
Right: -0.105 $\pm$ 0.142 χ^2 /NDF: 9.7/6

In: -0.513 $\pm$ 0.276 χ^2 /NDF: 0.0/1

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

All: -0.105 $\pm$ 0.142 χ^2 /NDF: 9.7/6

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 259.486+/-0.195 χ^2/NDF : 594399.9/1

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

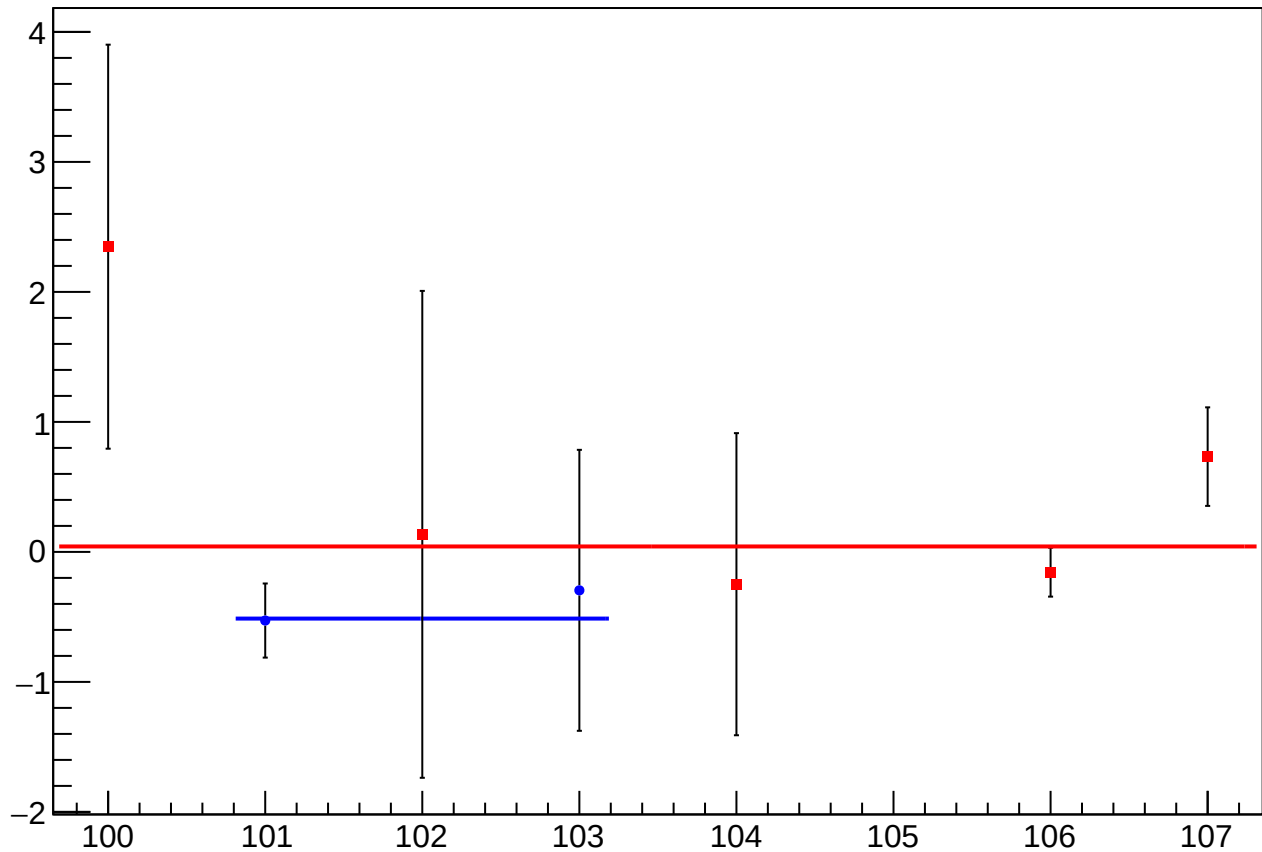
Right: 166.156+/-0.100 χ^2/NDF : 2396484.5/6

In: 259.486+/-0.195 χ^2/NDF : 594399.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.156+/-0.100 χ^2/NDF : 2396484.5/6

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.513 $\pm$ 0.276 χ^2 /NDF: 0.0/1

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

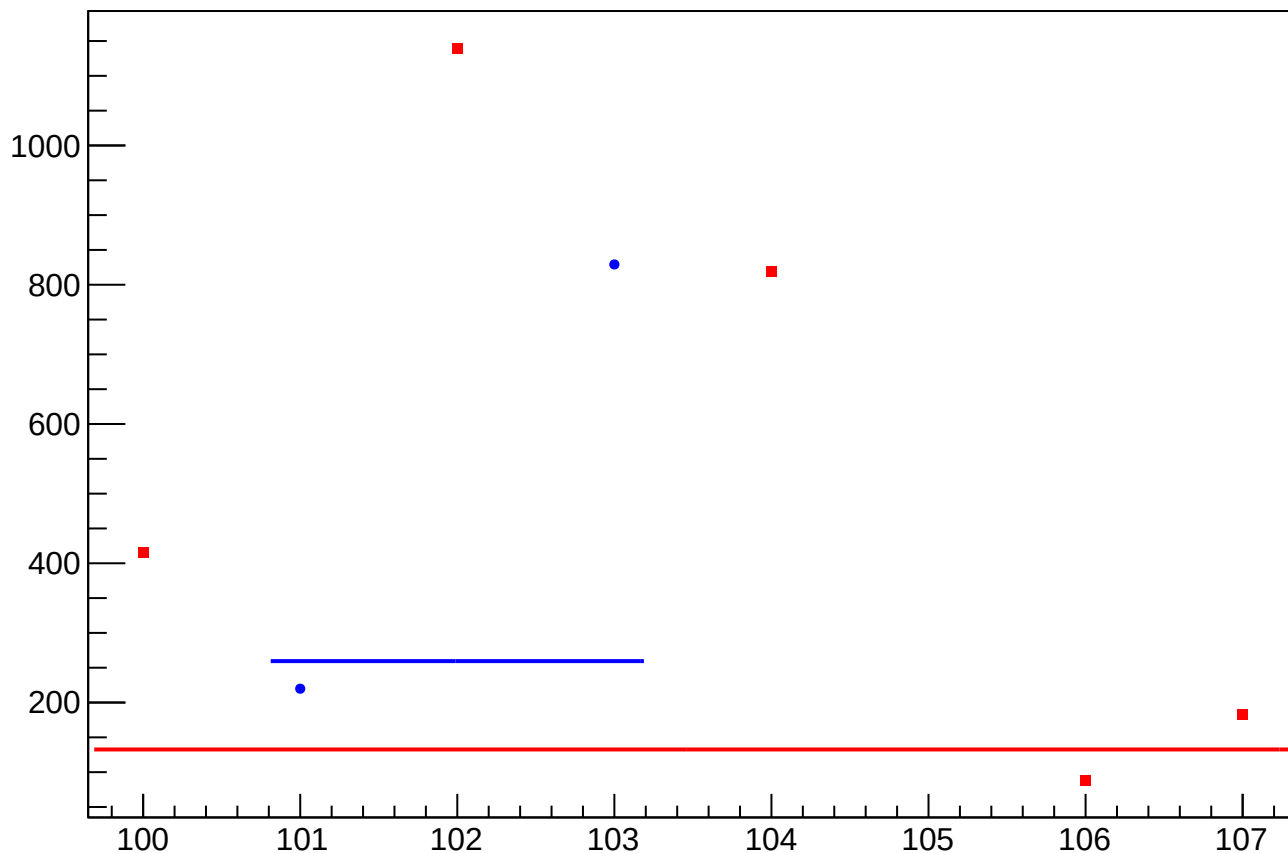
Right: -0.105 $\pm$ 0.142 χ^2 /NDF: 9.7/6

In: -0.513 $\pm$ 0.276 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.105 $\pm$ 0.142 χ^2 /NDF: 9.7/6

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 259.486+/-0.195 χ^2/NDF : 594399.9/1

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

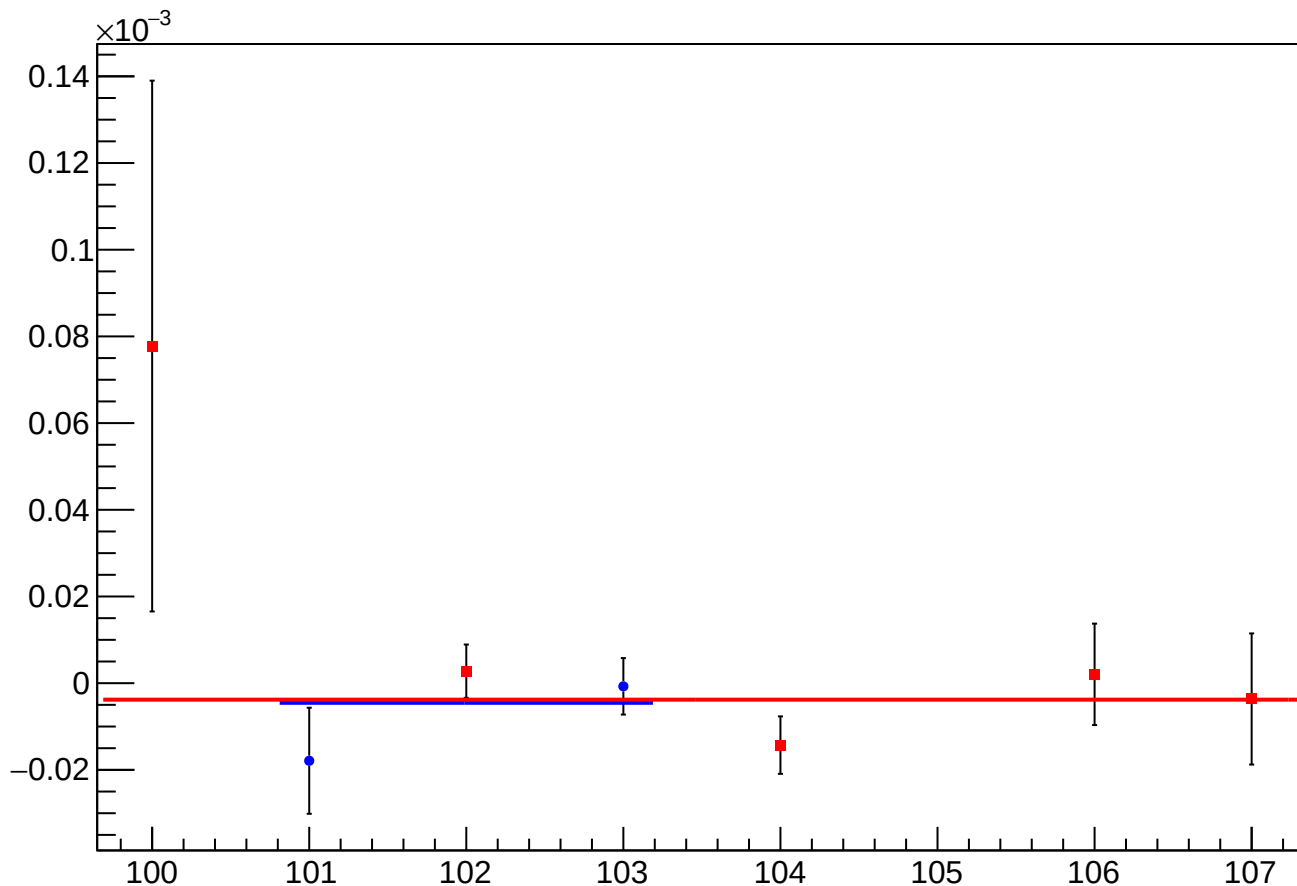
Right: 166.156+/-0.100 χ^2/NDF : 2396484.5/6

In: 259.486+/-0.195 χ^2/NDF :594399.9/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 166.156+/-0.100 χ^2/NDF : 2396484.5/6

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 : 1.5/1

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

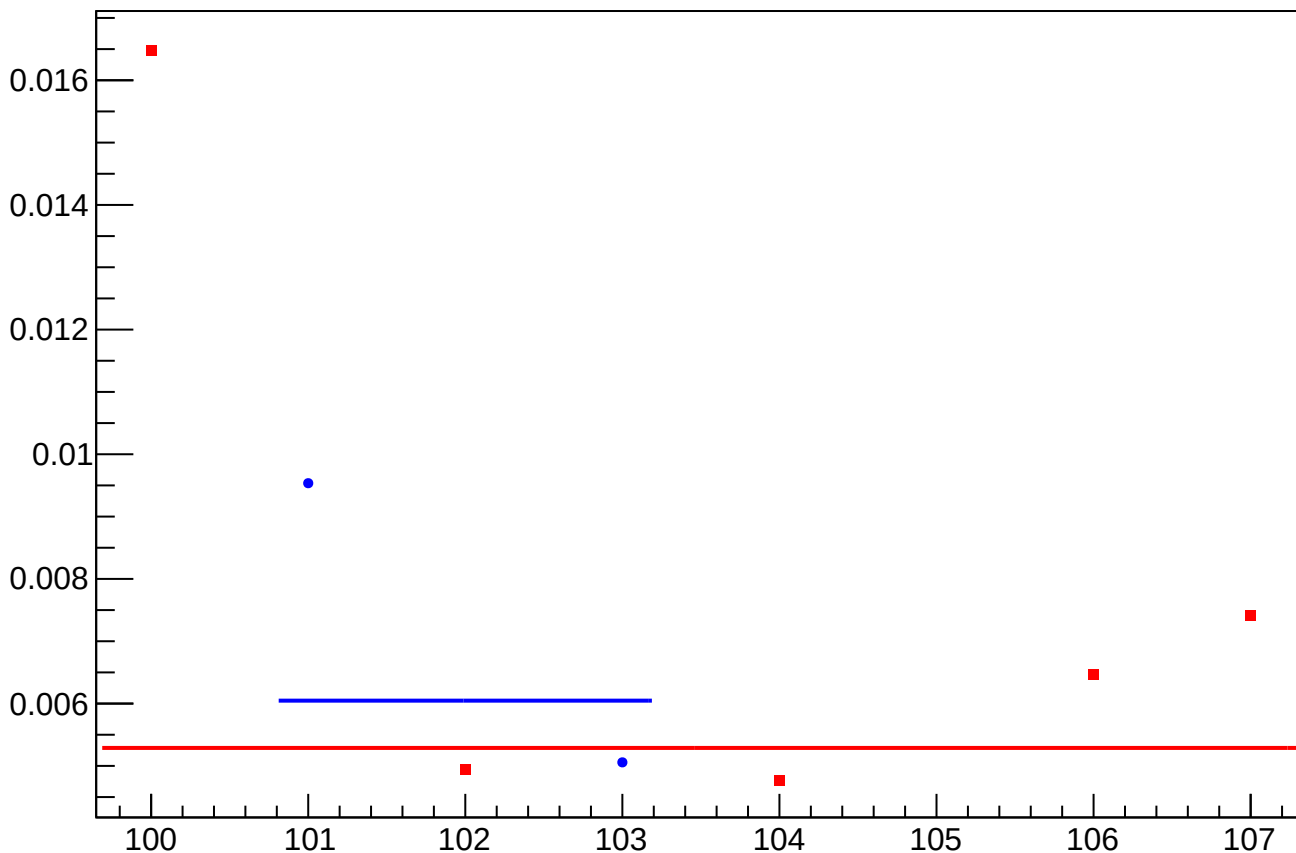
Right: -0.000+/-0.000 χ^2/NDF : 7.2/6

In: -0.000+/-0.000 χ^2/NDF : 1.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.2/6

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 : 208846.3/1

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

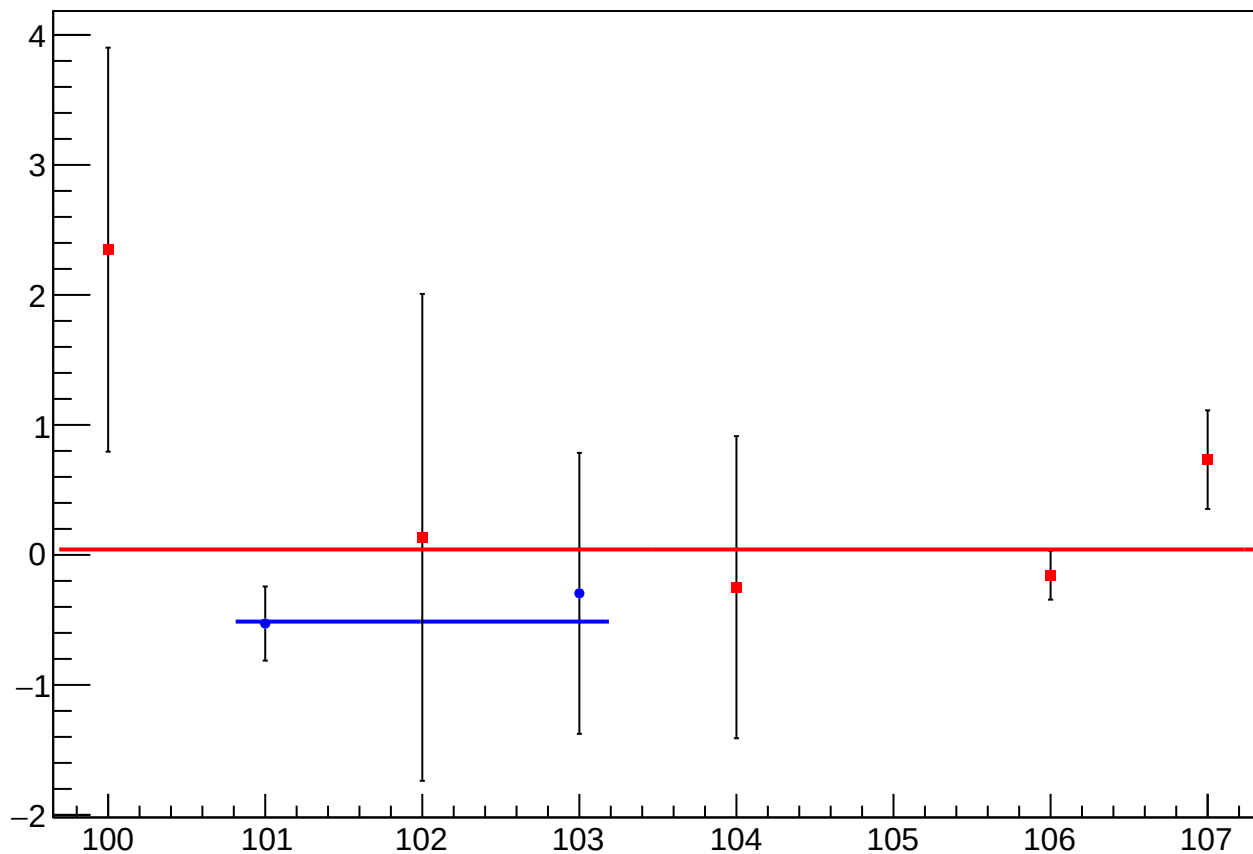
Right: 0.006+/-0.000 χ^2/NDF : 377354.3/6

In: 0.006+/-0.000 χ^2/NDF : 208846.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 377354.3/6

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.513 $\pm$ 0.276 χ^2 /NDF: 0.0/1

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

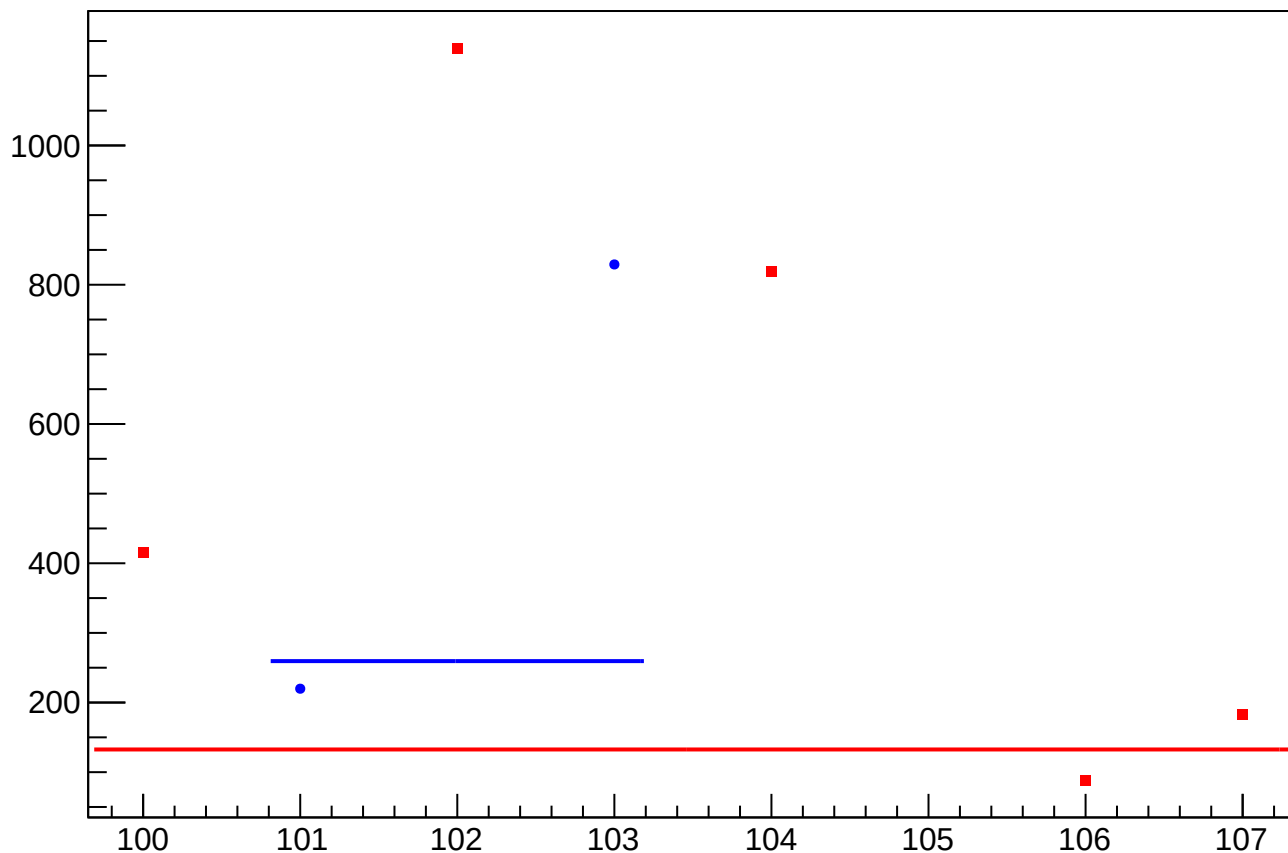
Right: -0.105 $\pm$ 0.142 χ^2 /NDF: 9.7/6

In: -0.513 $\pm$ 0.276 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.105 $\pm$ 0.142 χ^2 /NDF: 9.7/6

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 259.485+/-0.195 χ^2/NDF : 594400.0/1

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

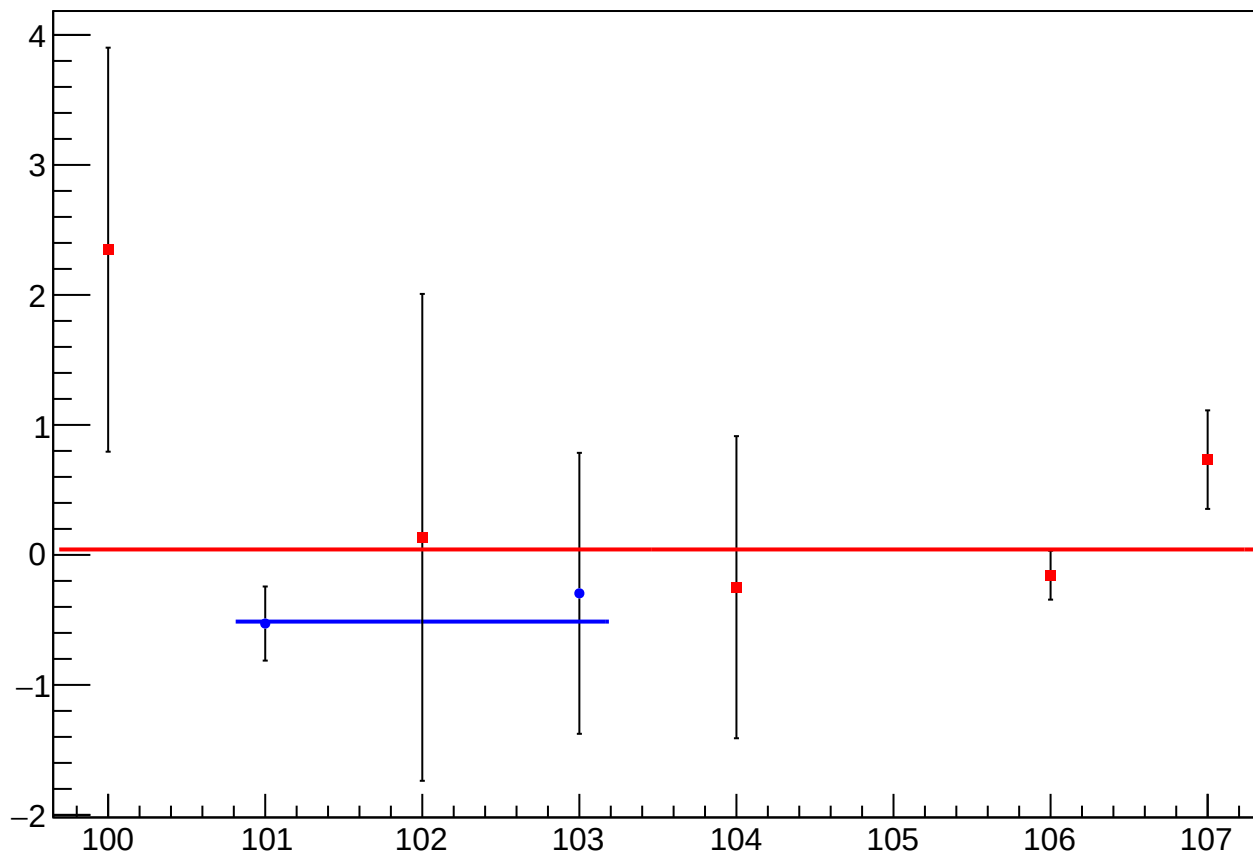
Right: 166.154+/-0.100 χ^2/NDF : 2396505.6/6

In: 259.485+/-0.195 χ^2/NDF : 594400.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.154+/-0.100 χ^2/NDF : 2396505.6/6

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.513 $\pm$ 0.276 χ^2 /NDF: 0.0/1

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

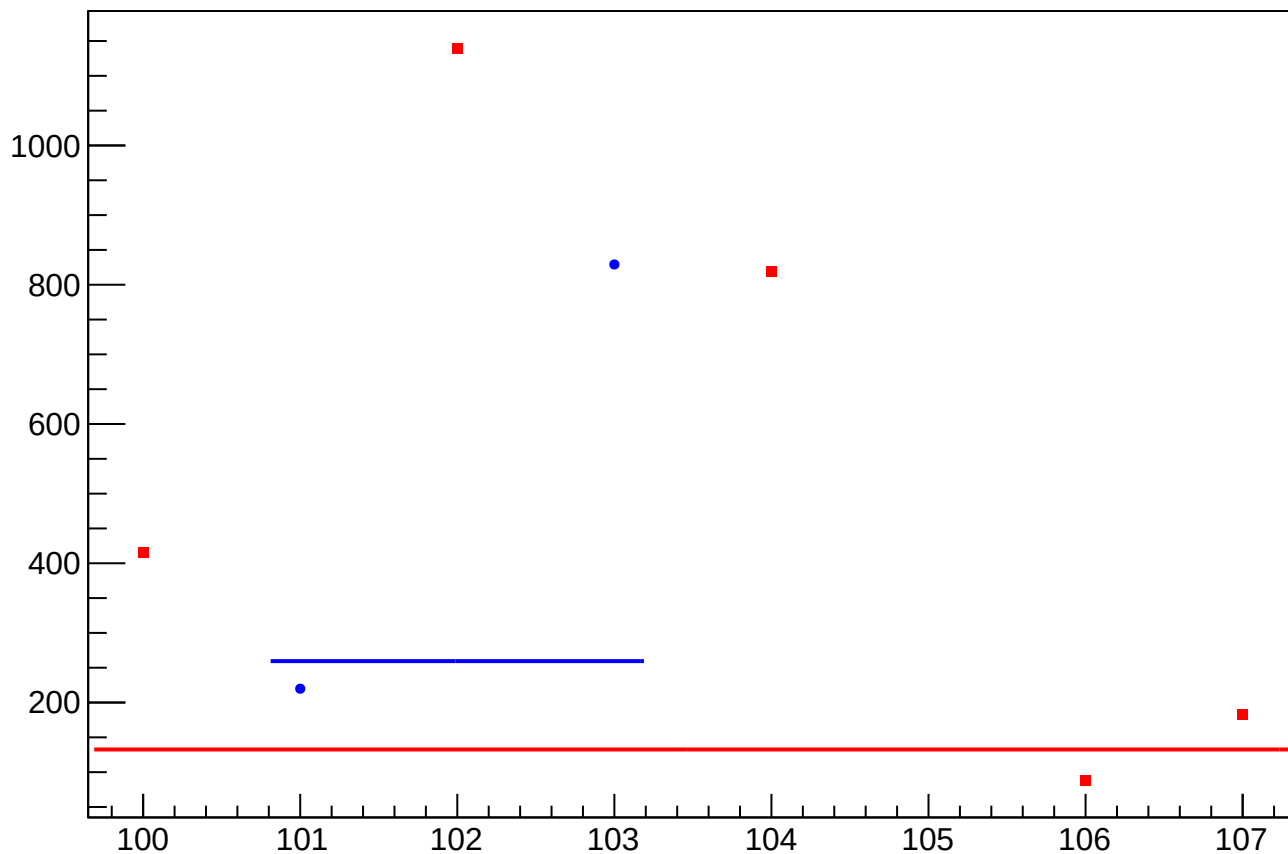
Right: -0.105 $\pm$ 0.142 χ^2 /NDF: 9.7/6

In: -0.513 $\pm$ 0.276 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.105 $\pm$ 0.142 χ^2 /NDF: 9.7/6

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 259.485+/-0.195 χ^2/NDF : 594400.0/1

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

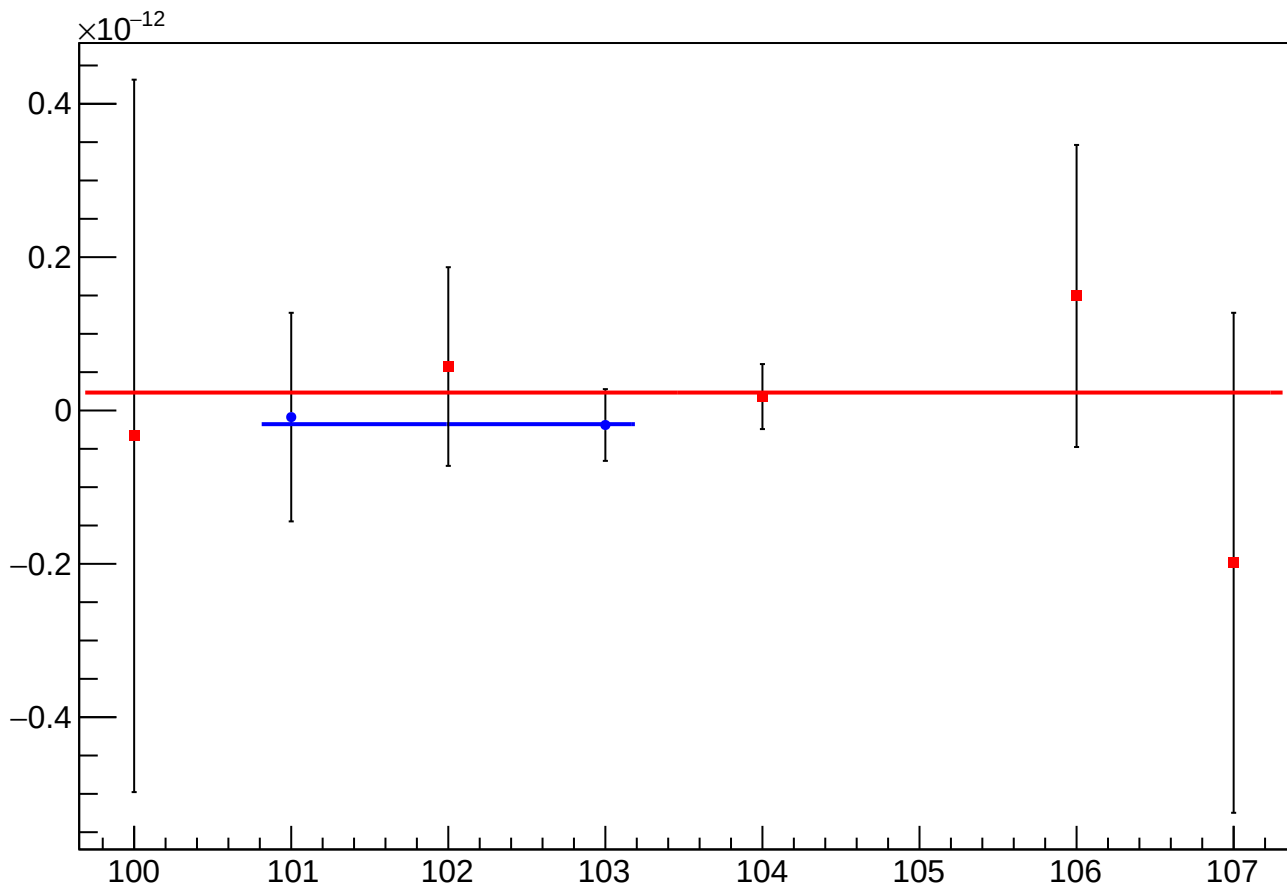
Right: 166.154+/-0.100 χ^2/NDF : 2396505.6/6

In: 259.485+/-0.195 χ^2/NDF : 594400.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.154+/-0.100 χ^2/NDF : 2396505.6/6

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 : 0.0/1

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

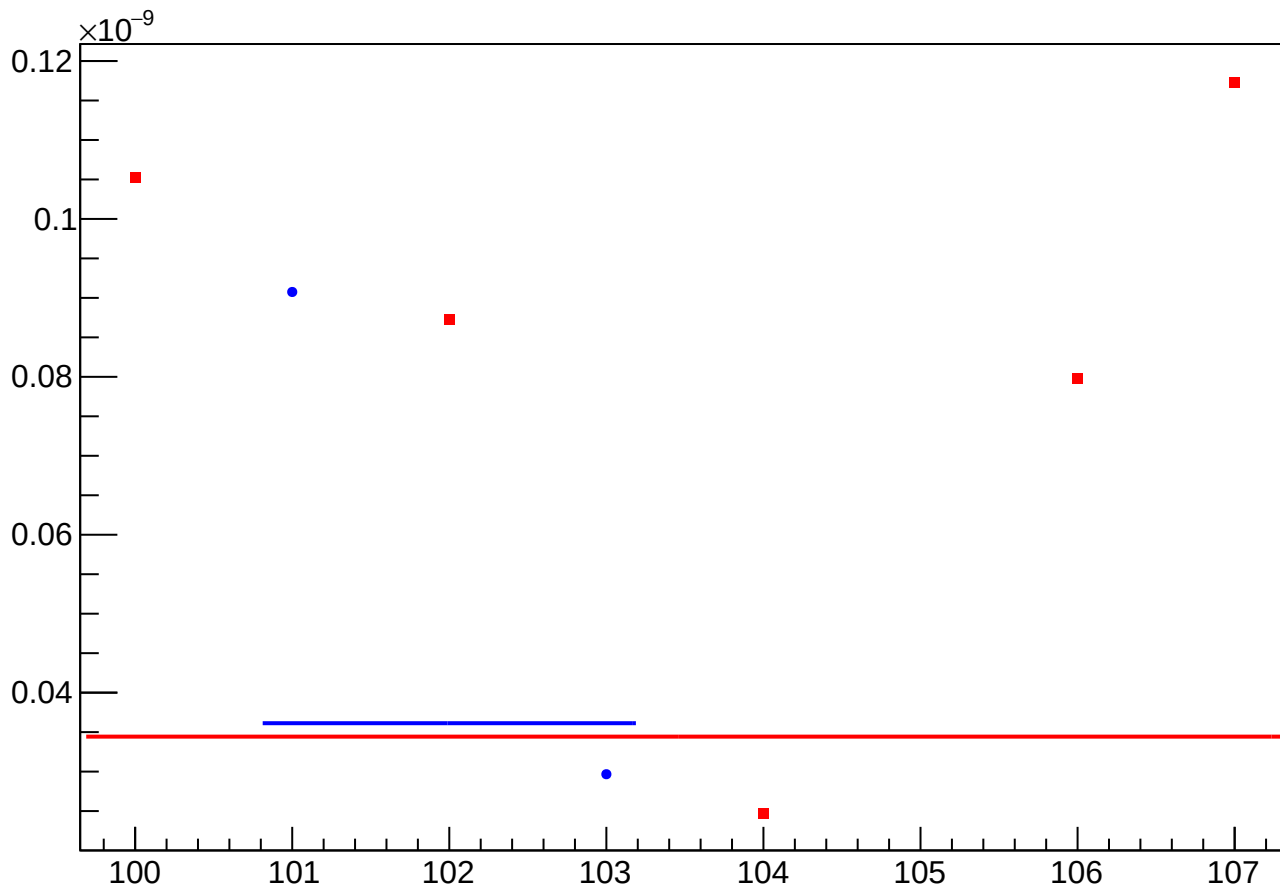
Right: 0.000+/-0.000 χ^2/NDF : 1.5/6

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1.5/6

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 : 360575.8/1

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

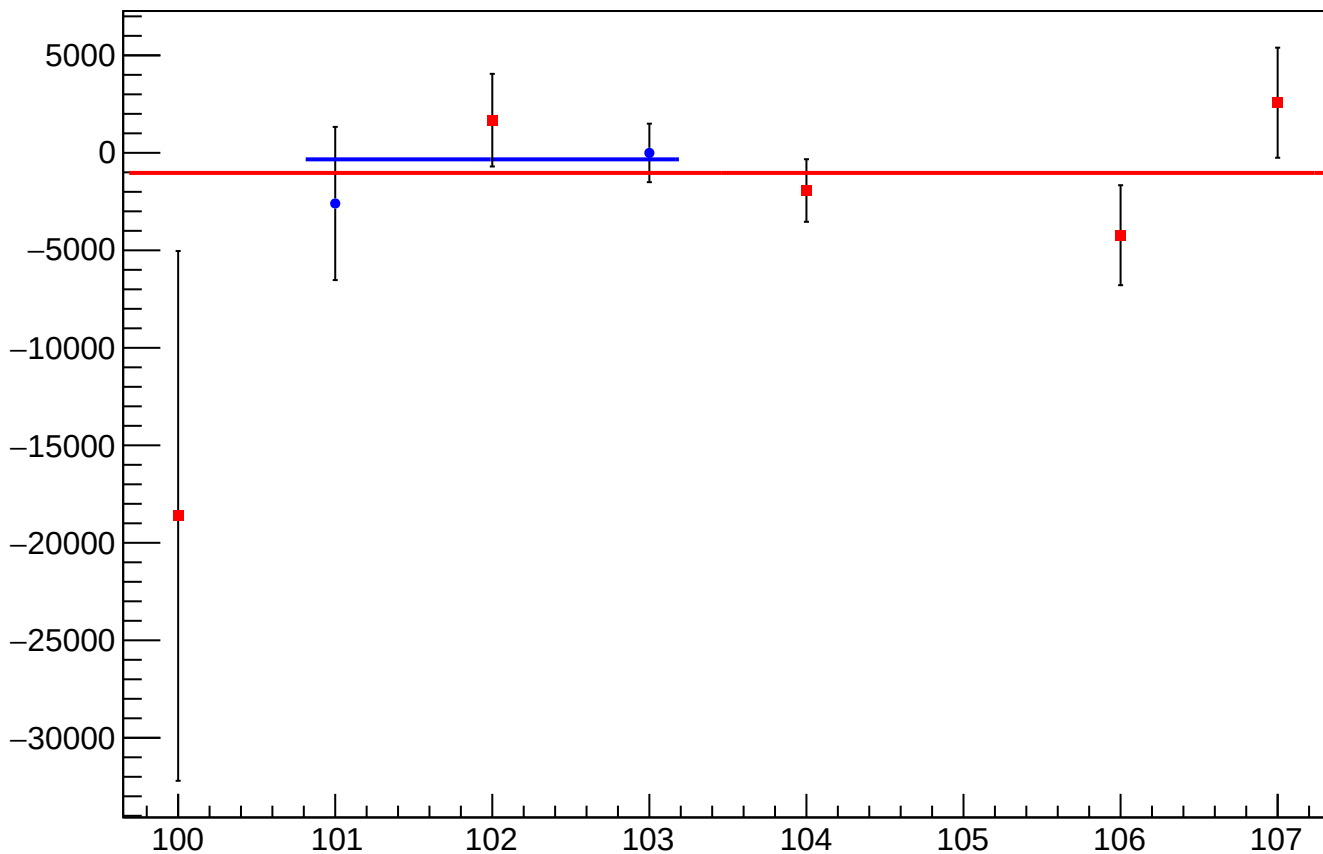
Right: 0.000+/-0.000 χ^2/NDF : 1081614.8/6

In: 0.000+/-0.000 χ^2/NDF : 360575.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1081614.8/6

reg_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -334.106+/-1401.545 χ^2/NDF : 0.4/1

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

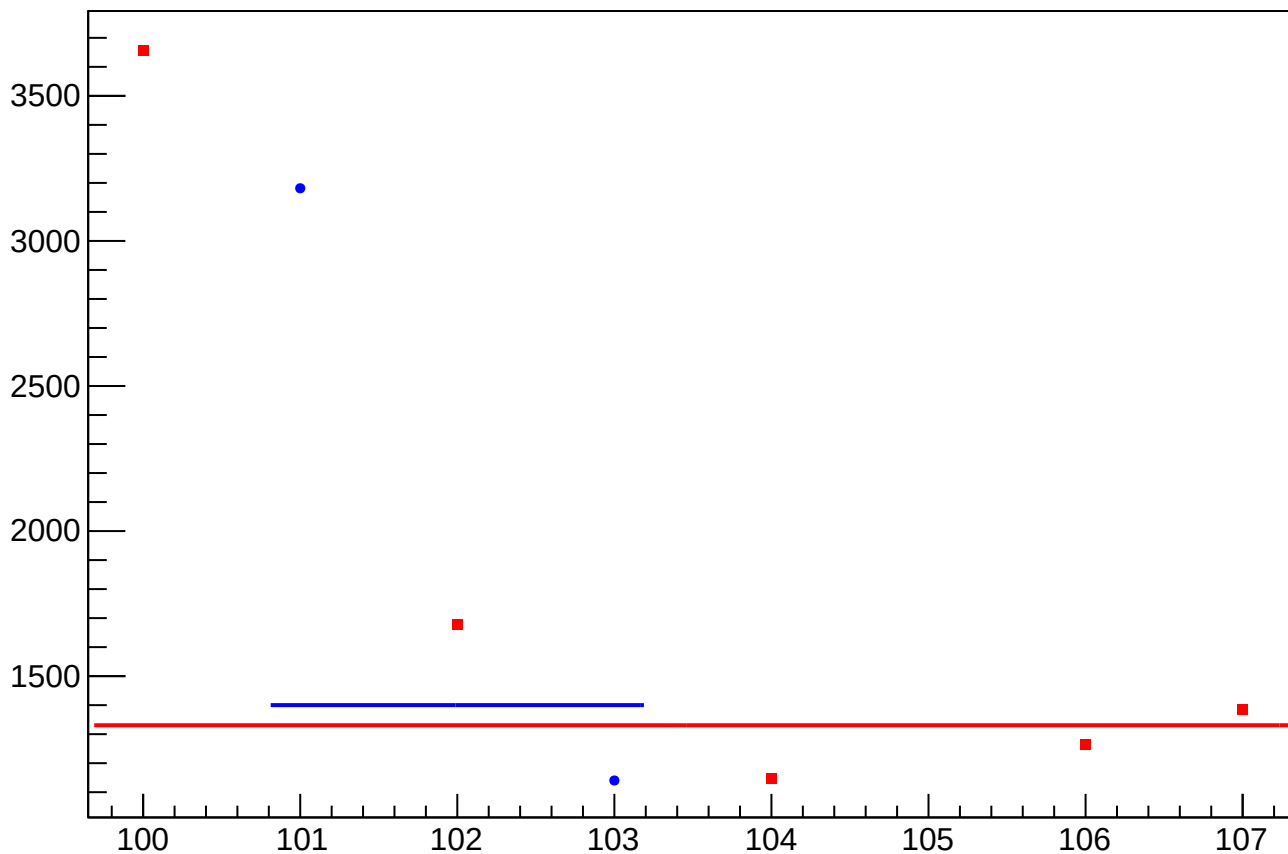
Right: -769.220+/-858.242 χ^2/NDF : 7.0/6

In: -334.106+/-1401.545 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -769.220+/-858.242 χ^2/NDF : 7.0/6

reg_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1400.116+/-0.991 χ^2/NDF : 471205.6/1

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

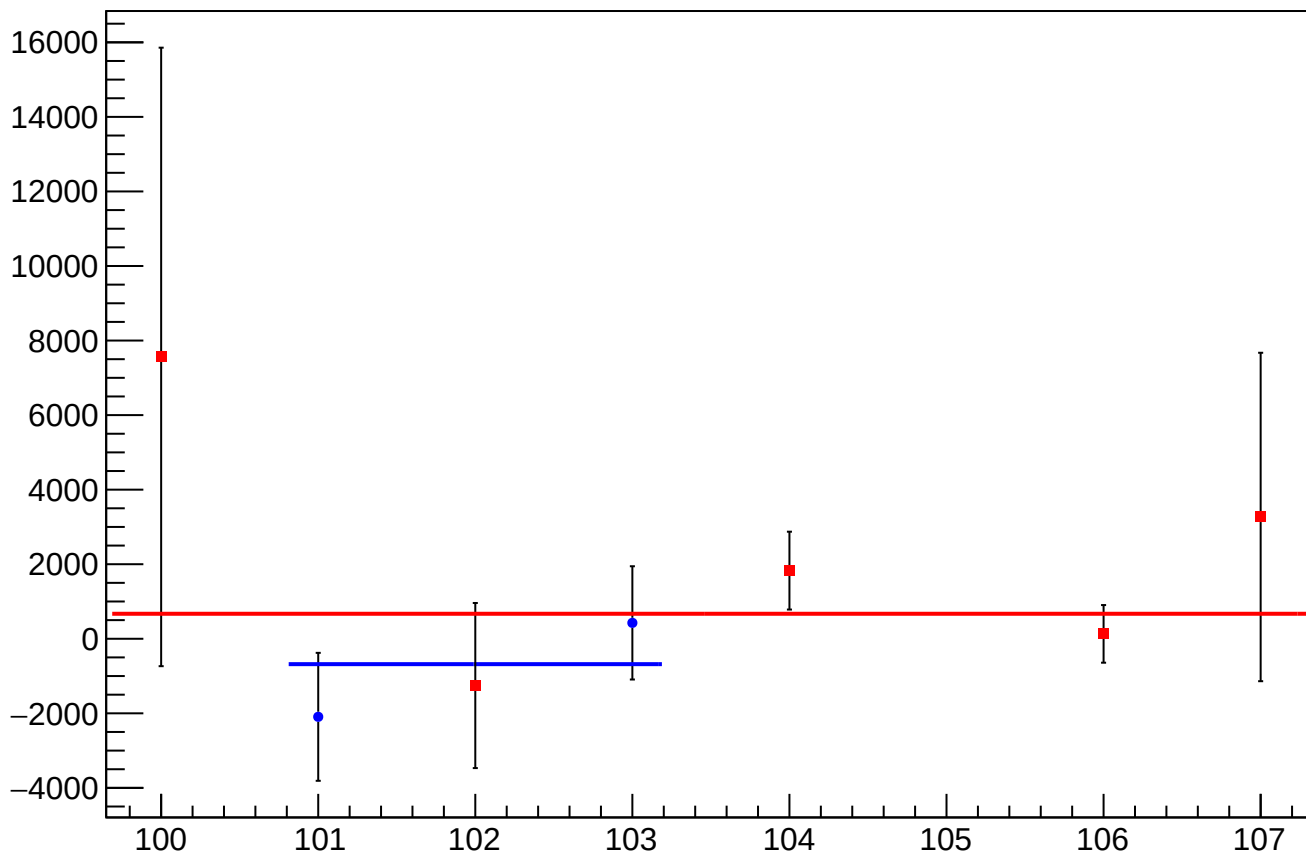
Right: 1356.721+/-0.607 χ^2/NDF : 603138.3/6

In: 1400.116+/-0.991 χ^2/NDF : 471205.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1356.721+/-0.607 χ^2/NDF : 603138.3/6

asym_atl_avg_atr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -681.010+/-1137.525 χ^2/NDF : 1.2/1

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

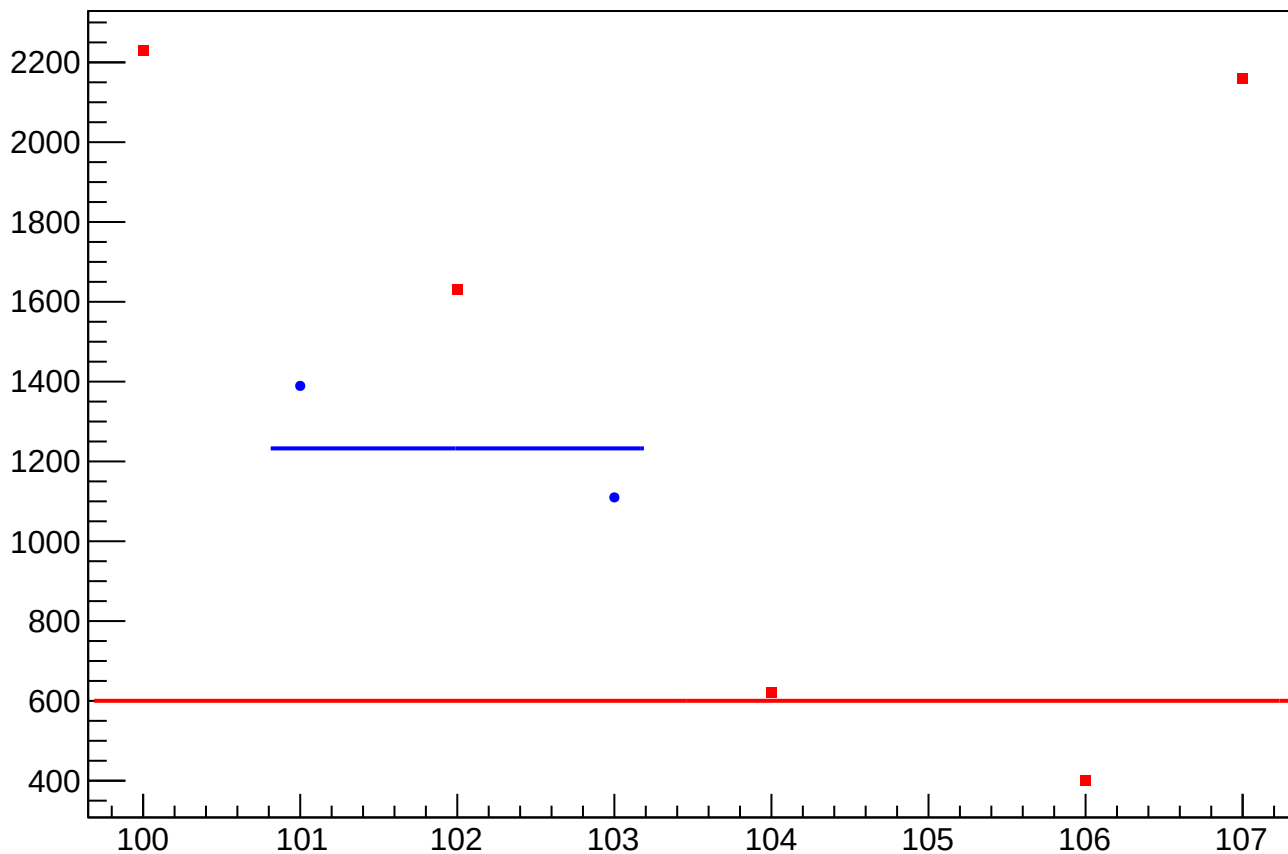
Right: 383.082+/-524.688 χ^2/NDF : 5.8/6

In: -681.010+/-1137.525 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 383.082+/-524.688 χ^2/NDF : 5.8/6

asym_atl_avg_atr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1232.680 $\pm$ 0.804 χ^2 /NDF: 29720.8/1

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

Right Out: 600.222 $\pm$ 0.418 χ^2 /NDF: 895627.2/4

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

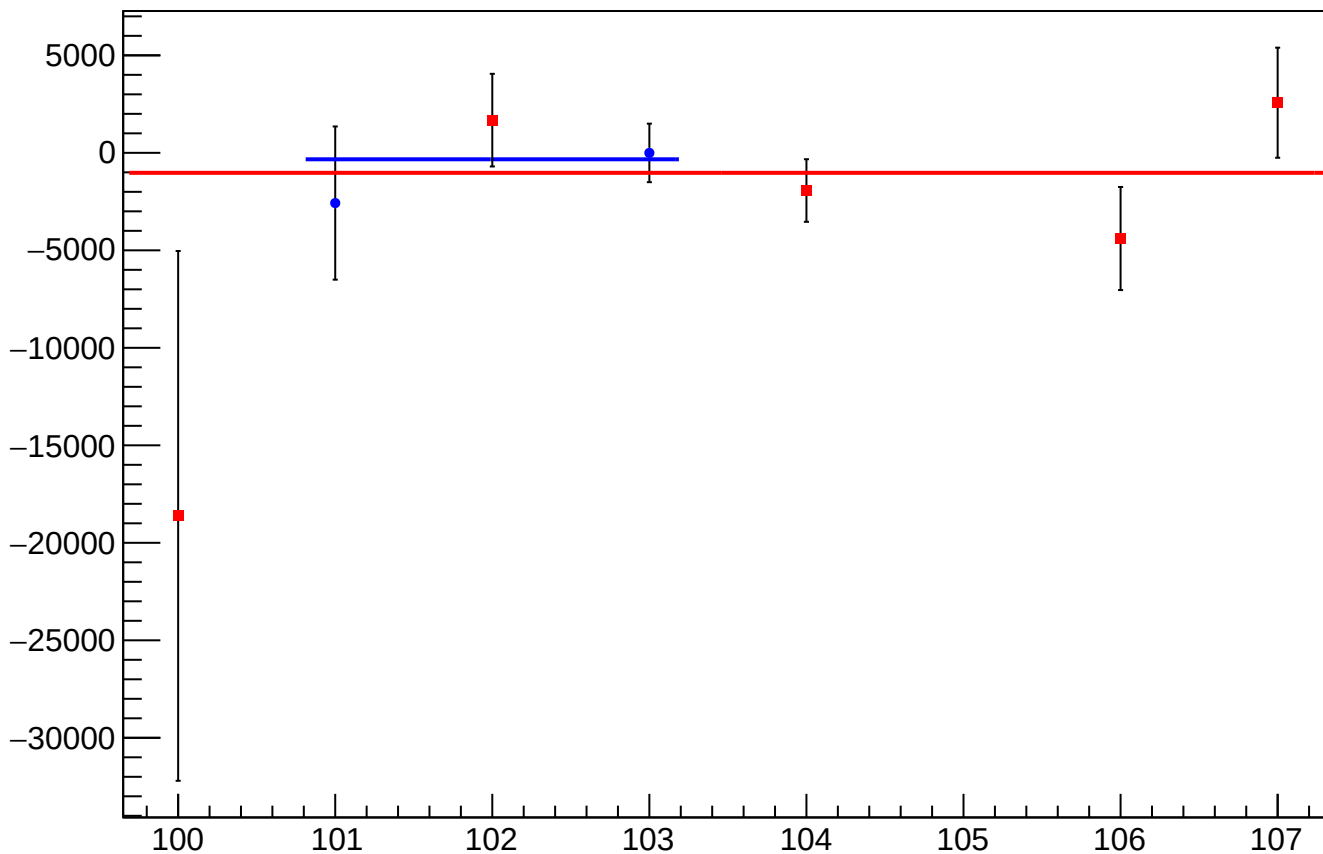
Right: 734.780 $\pm$ 0.371 χ^2 /NDF: 1412069.5/6

In: 1232.680 $\pm$ 0.804 χ^2 /NDF:29720.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 734.780 $\pm$ 0.371 χ^2 /NDF: 1412069.5/6

cor_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -331.207+/-1401.547 χ^2/NDF : 0.4/1

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

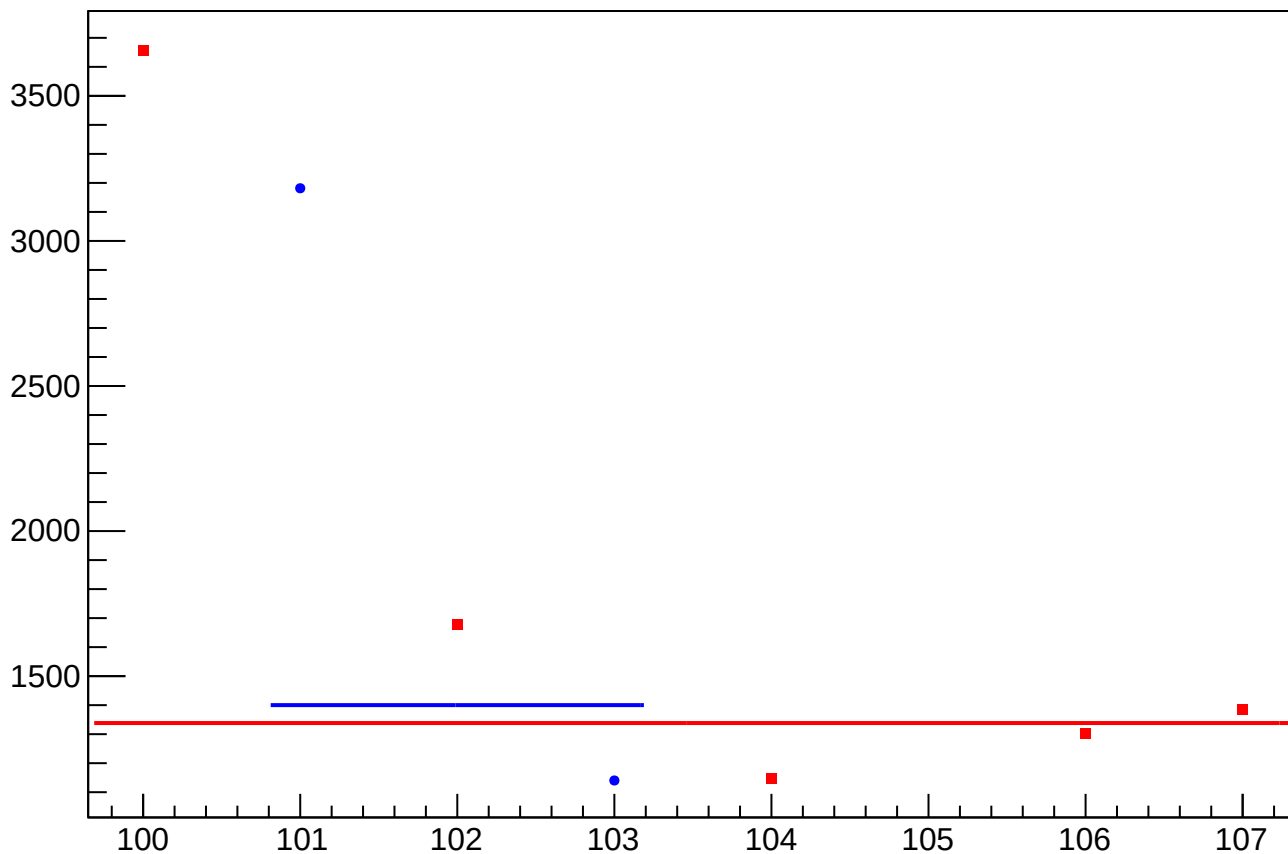
Right: -762.774+/-861.135 χ^2/NDF : 7.1/6

In: -331.207+/-1401.547 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -762.774+/-861.135 χ^2/NDF : 7.1/6

cor_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1400.114+/-0.991 χ^2/NDF : 471207.4/1

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

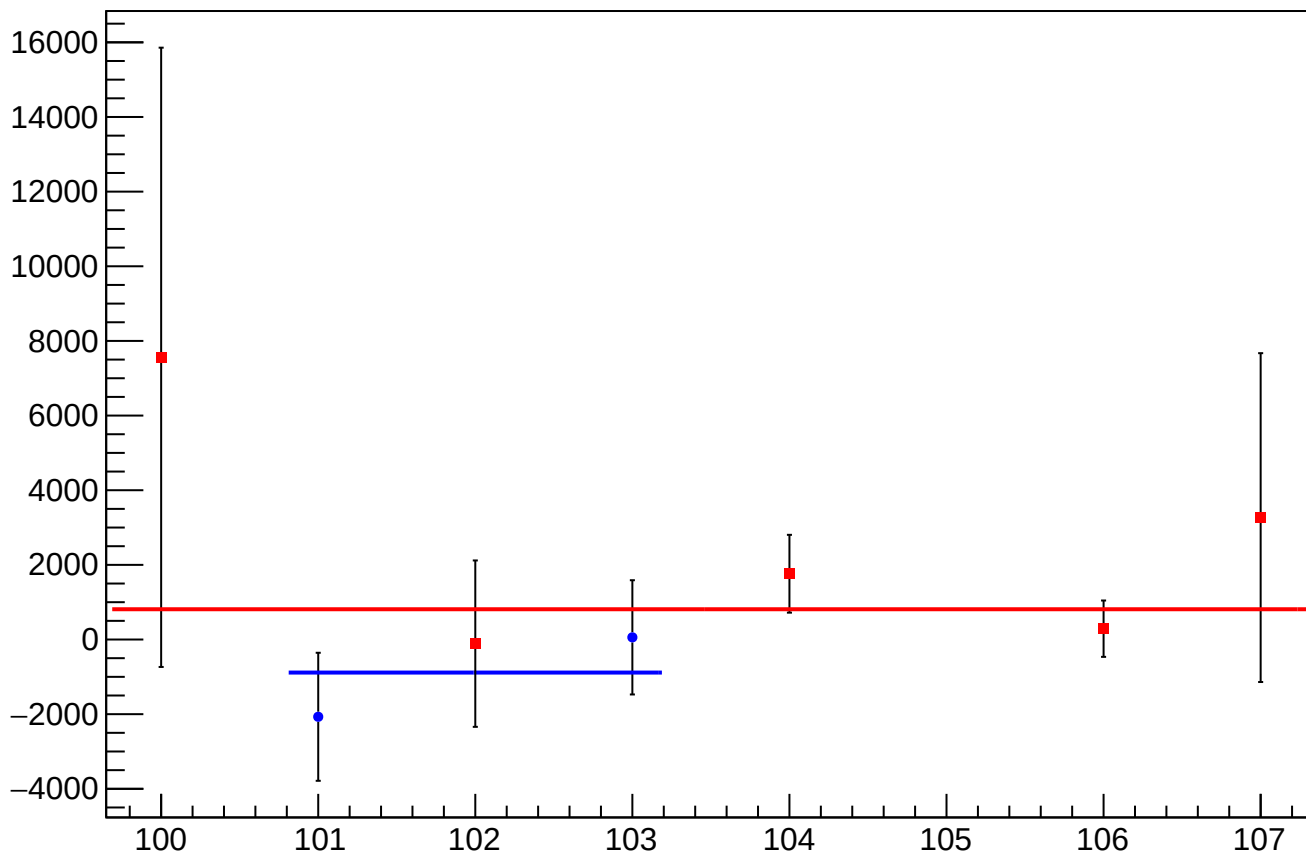
Right: 1361.680+/-0.609 χ^2/NDF : 601204.2/6

In: 1400.114+/-0.991 χ^2/NDF : 471207.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1361.680+/-0.609 χ^2/NDF : 601204.2/6

asym_atl_avg_atr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -885.348+/-1141.874 χ^2/NDF : 0.9/1

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

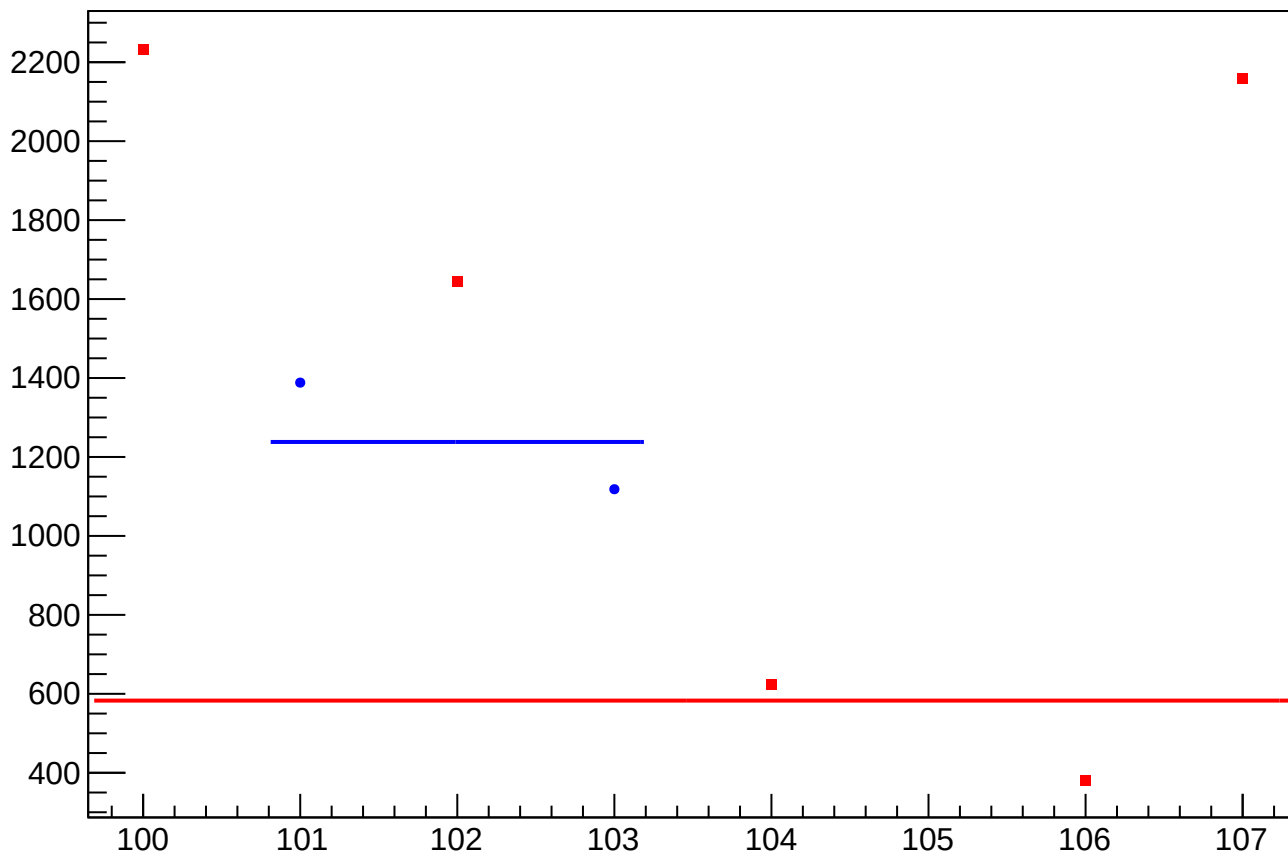
Right: 460.386+/-519.223 χ^2/NDF : 5.1/6

In: -885.348+/-1141.874 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 460.386+/-519.223 χ^2/NDF : 5.1/6

asym_atl_avg_atr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1238.033+/-0.807 χ^2/NDF : 27606.0/1

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

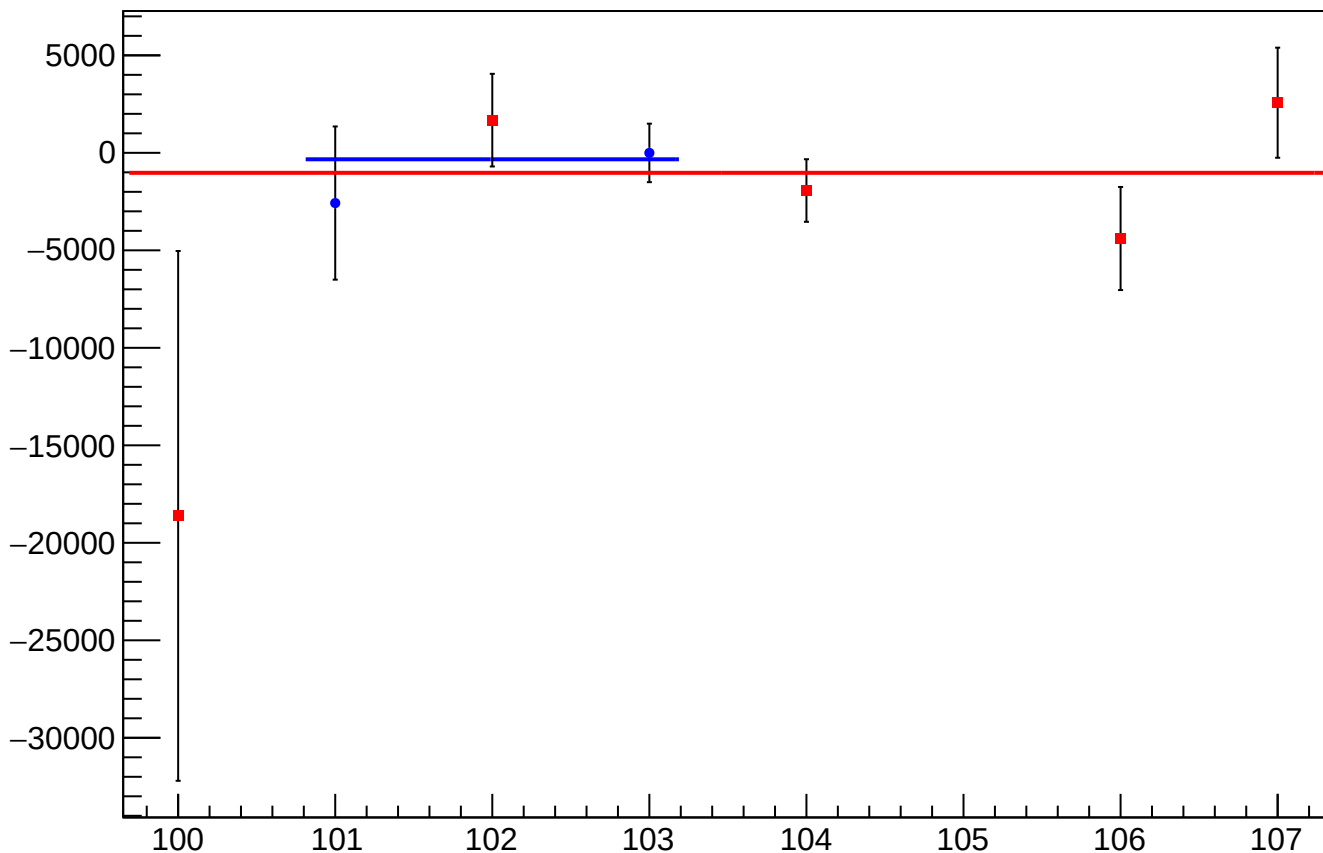
Right: 718.323+/-0.367 χ^2/NDF : 1486050.2/6

In: 1238.033+/-0.807 χ^2/NDF : 27606.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 718.323+/-0.367 χ^2/NDF : 1486050.2/6

eigen_cor_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -331.207+/-1401.547 χ^2/NDF : 0.4/1

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

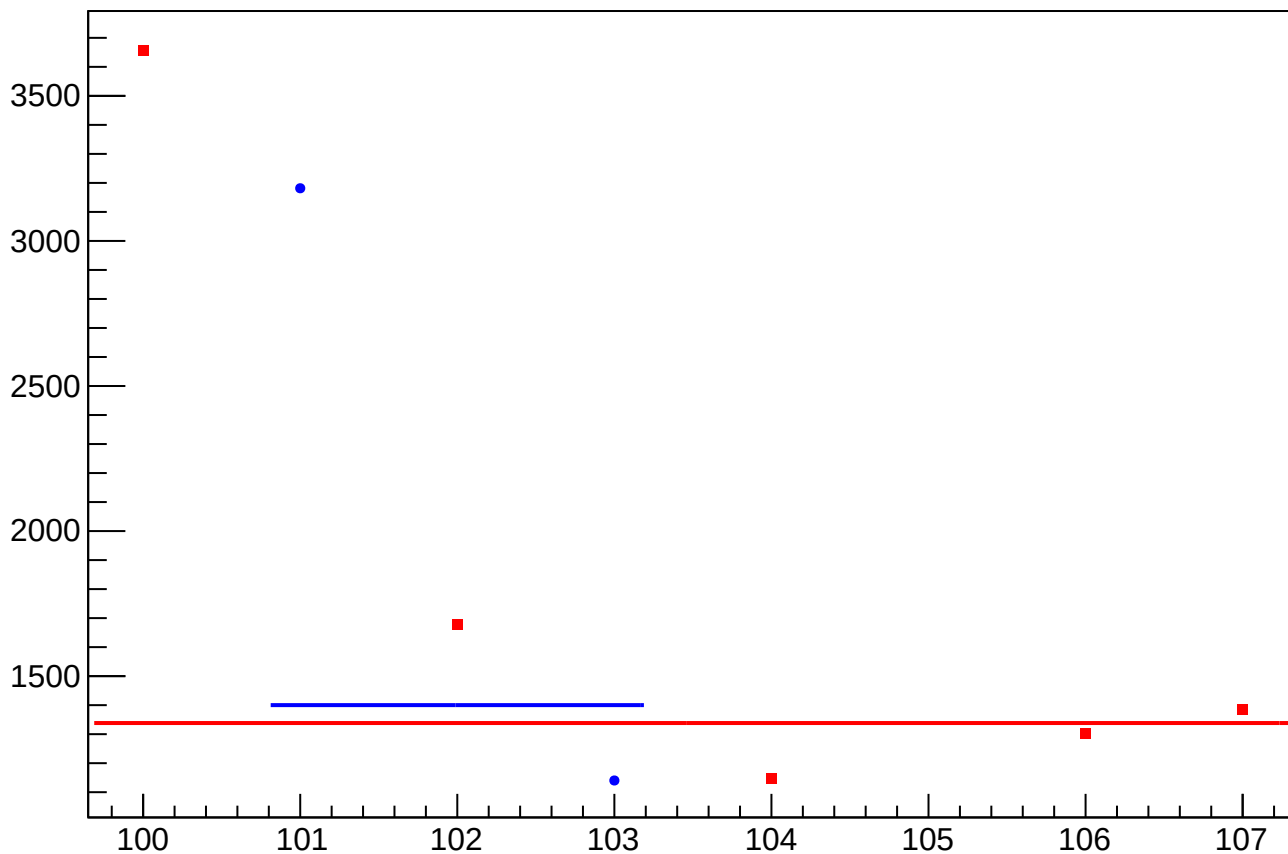
Right: -762.774+/-861.135 χ^2/NDF : 7.1/6

In: -331.207+/-1401.547 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -762.774+/-861.135 χ^2/NDF : 7.1/6

eigen_cor_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1400.114+/-0.991 χ^2/NDF : 471207.4/1

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

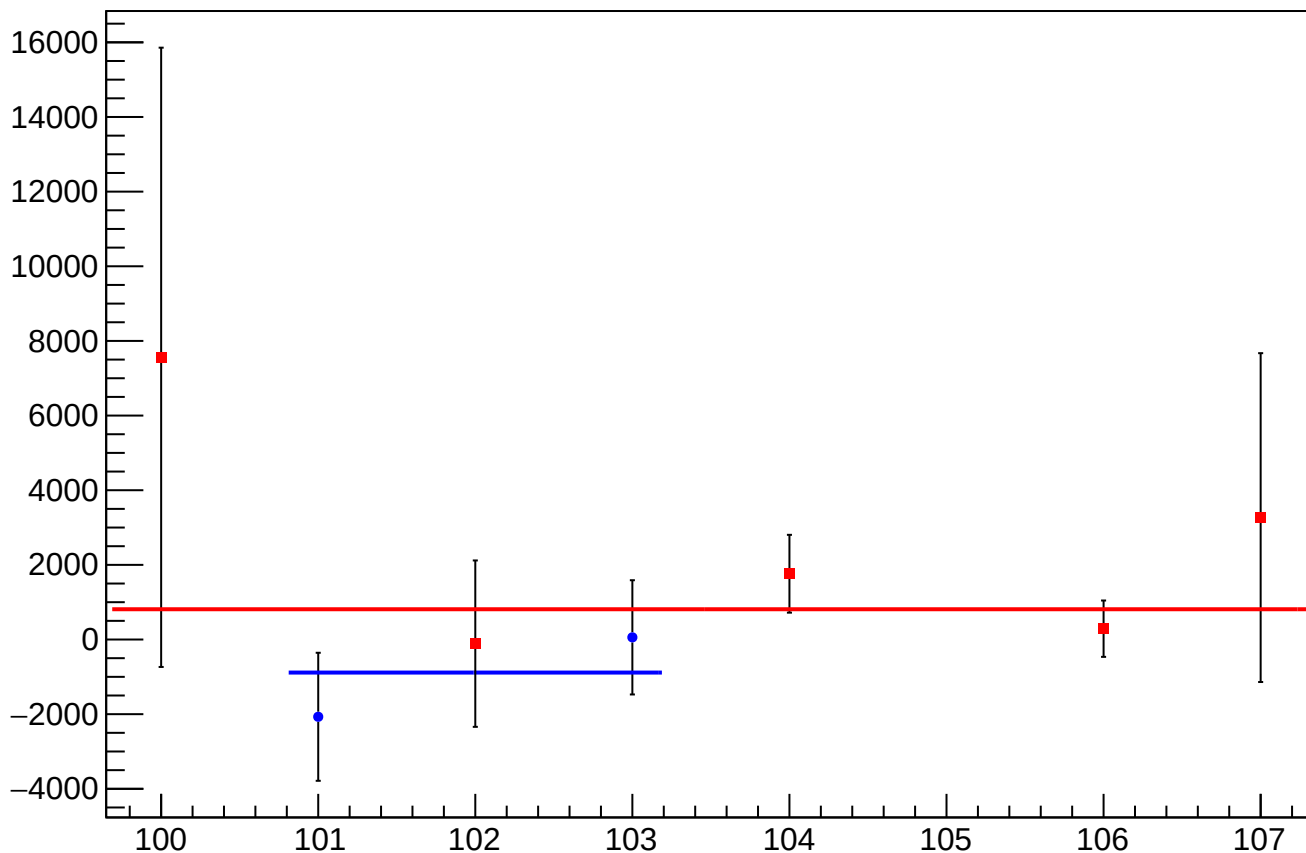
Right: 1361.680+/-0.609 χ^2/NDF : 601204.2/6

In: 1400.114+/-0.991 χ^2/NDF : 471207.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1361.680+/-0.609 χ^2/NDF : 601204.2/6

asym_atl_avg_atr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -885.348+/-1141.874 χ^2/NDF : 0.9/1

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

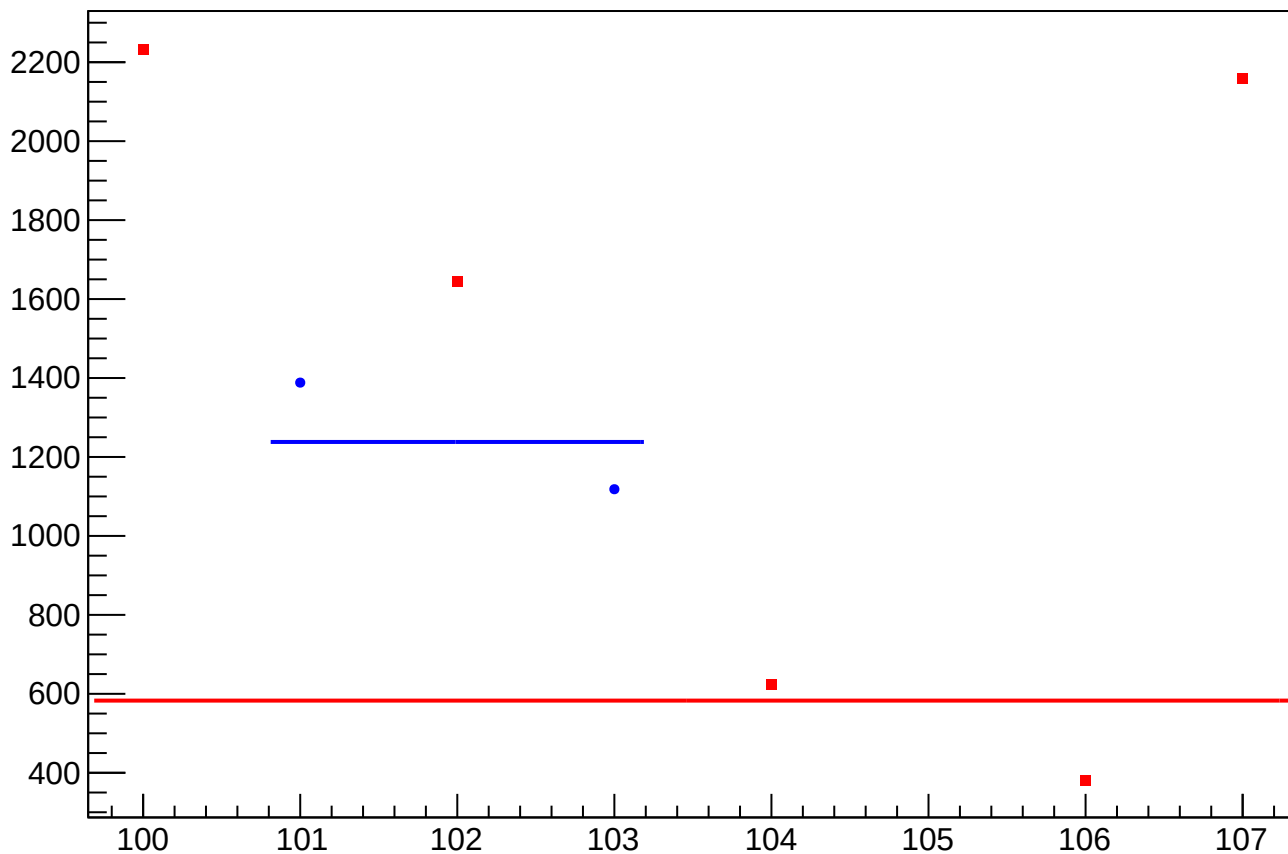
Right: 460.386+/-519.223 χ^2/NDF : 5.1/6

In: -885.348+/-1141.874 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 460.386+/-519.223 χ^2/NDF : 5.1/6

asym_atl_avg_atr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1238.033+/-0.807 χ^2/NDF : 27606.0/1

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

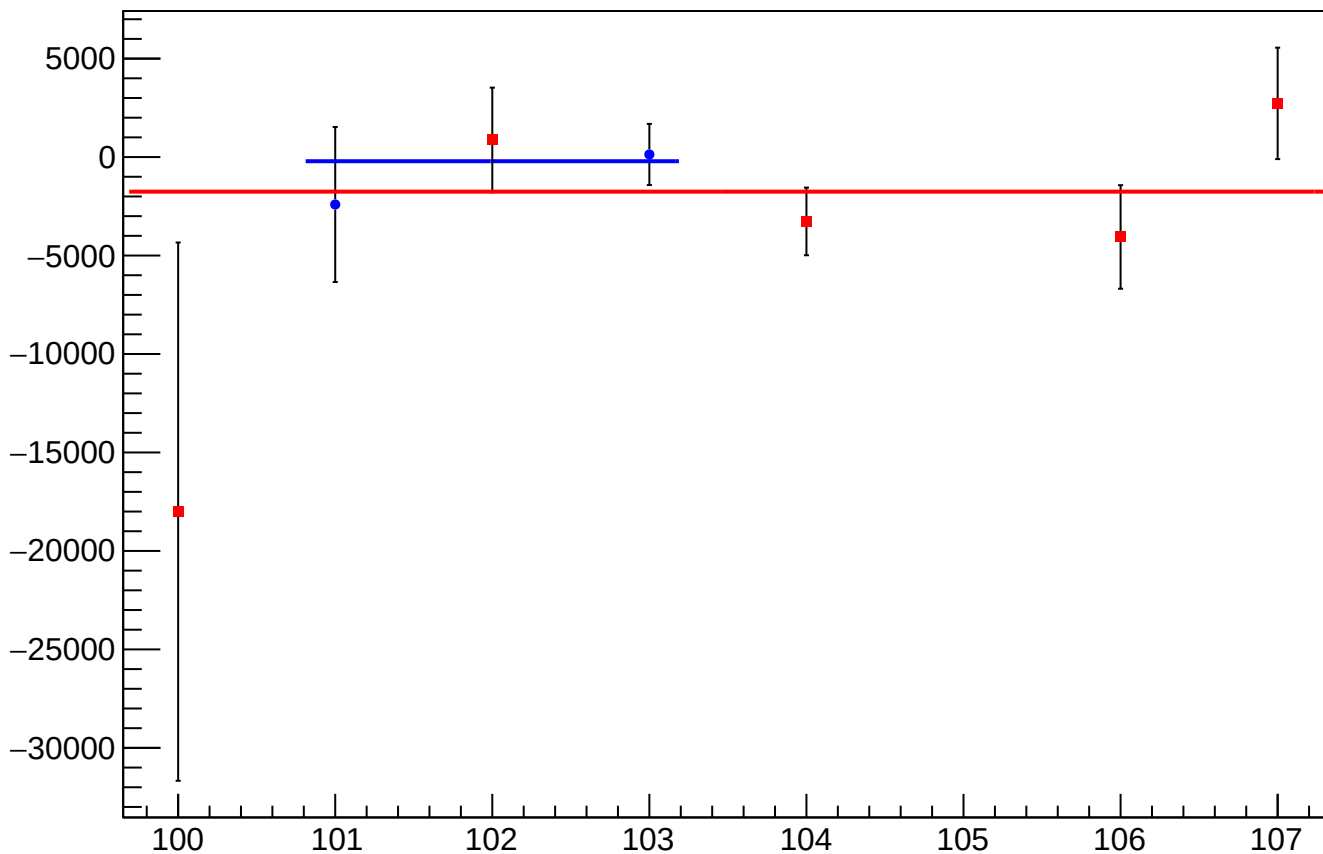
Right: 718.323+/-0.367 χ^2/NDF : 1486050.2/6

In: 1238.033+/-0.807 χ^2/NDF : 27606.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 718.323+/-0.367 χ^2/NDF : 1486050.2/6

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -210.458+/-1444.750 χ^2/NDF : 0.4/1

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

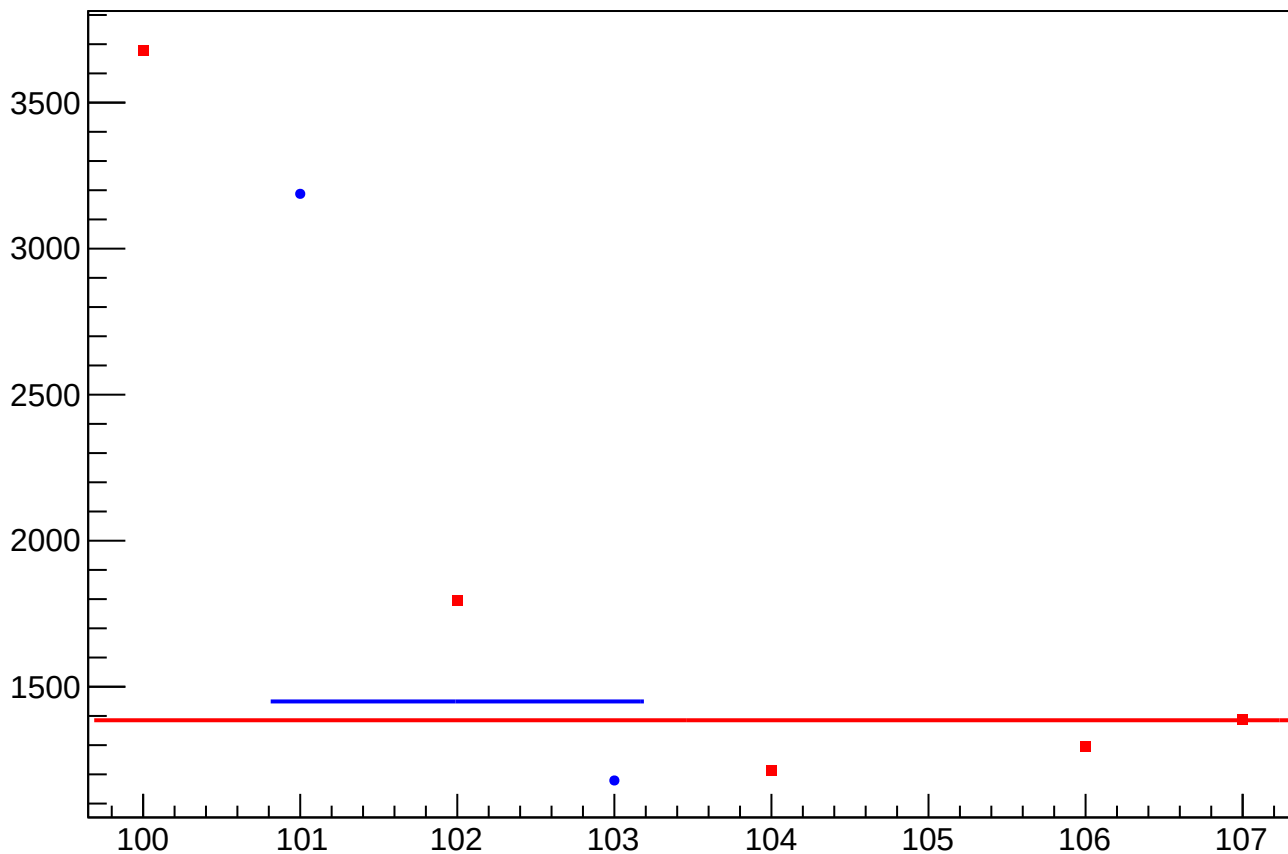
Right: -1156.229+/-899.895 χ^2/NDF : 7.5/6

In: -210.458+/-1444.750 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1156.229+/-899.895 χ^2/NDF : 7.5/6

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1449.650+/-1.022 χ^2/NDF : 450635.9/1

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

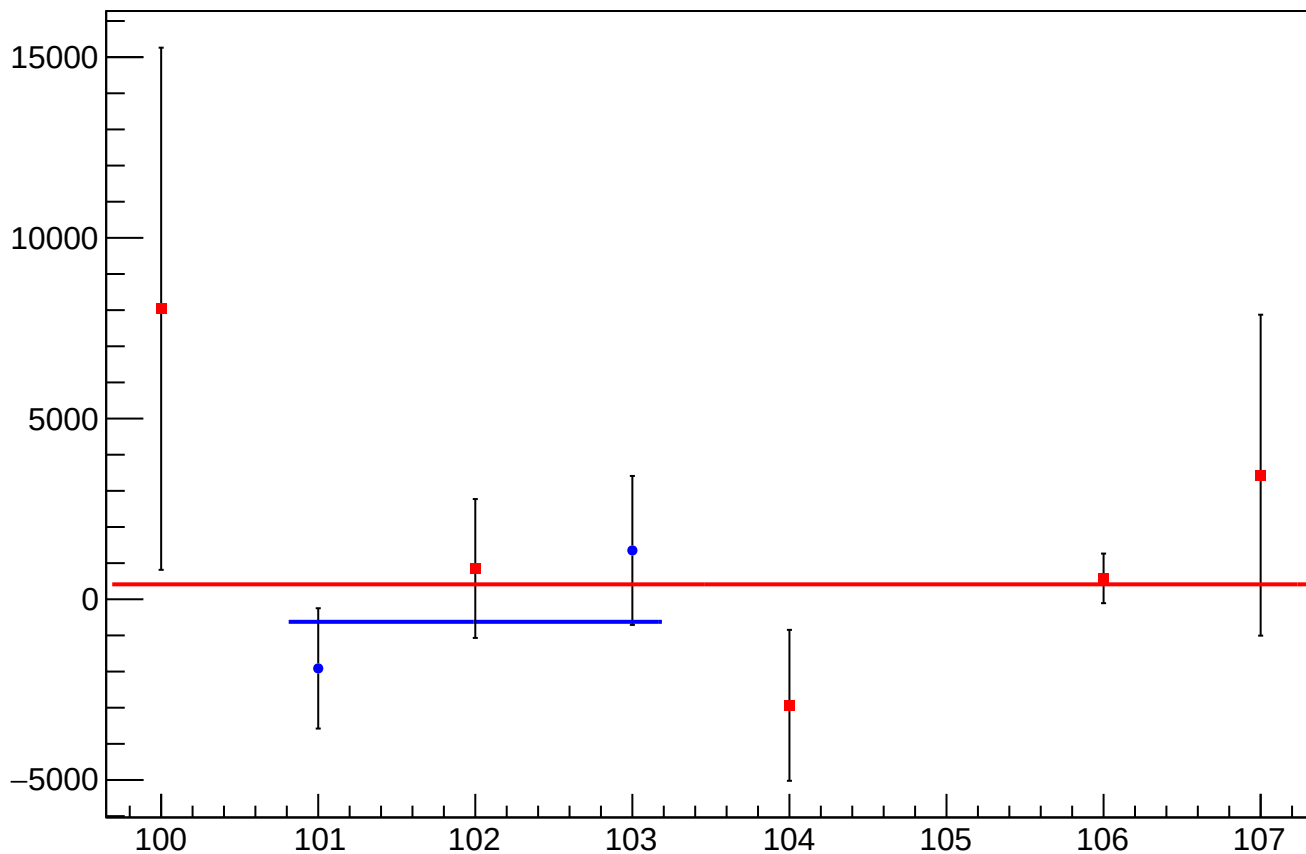
Right: 1410.230+/-0.636 χ^2/NDF : 579134.2/6

In: 1449.650+/-1.022 χ^2/NDF : 450635.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1410.230+/-0.636 χ^2/NDF : 579134.2/6

asym_atl_avg_atr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -623.563+/-1294.831 χ^2/NDF : 1.5/1

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

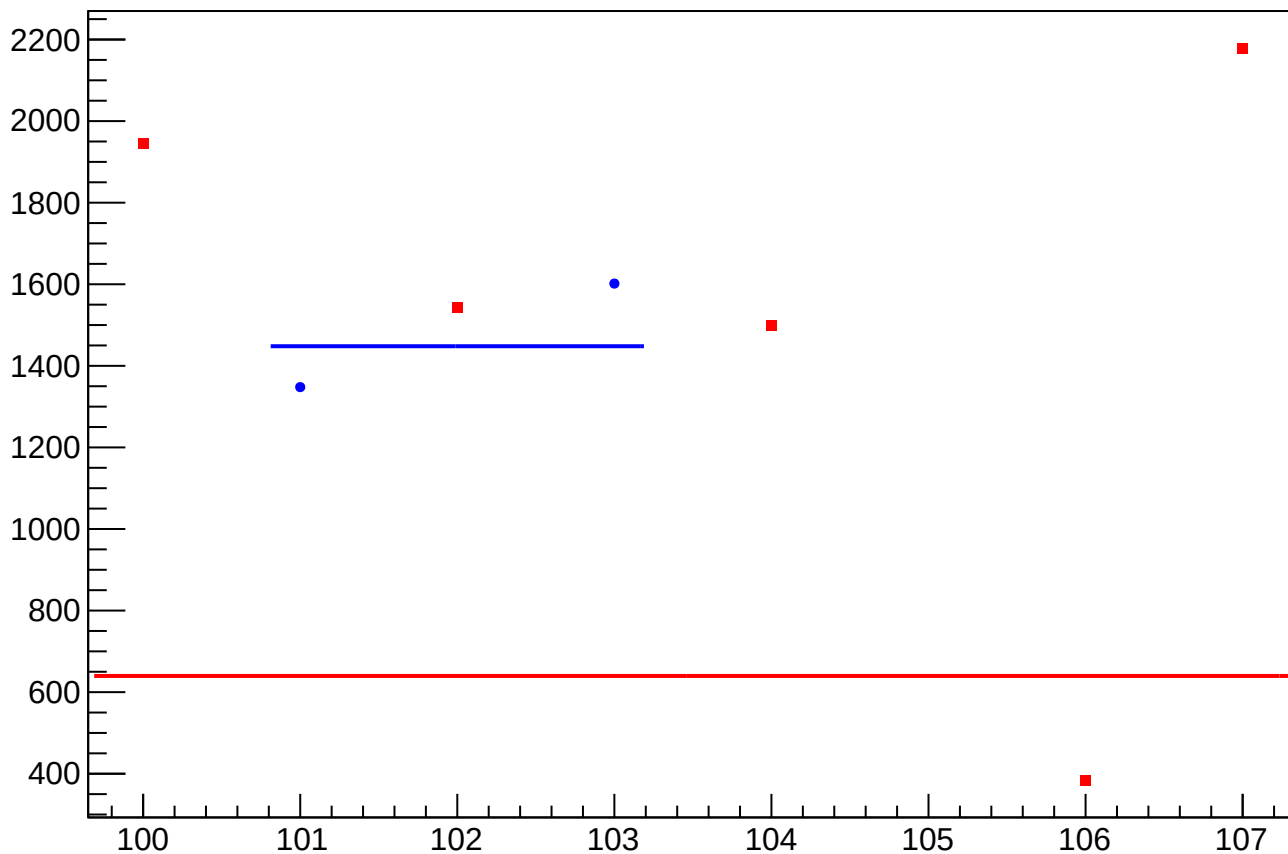
Right: 225.354+/-551.294 χ^2/NDF : 6.3/6

In: -623.563+/-1294.831 χ^2/NDF : 1.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 225.354+/-551.294 χ^2/NDF : 6.3/6

asym_atl_avg_atr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1448.059+/-0.916 χ^2/NDF : 18367.1/1

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

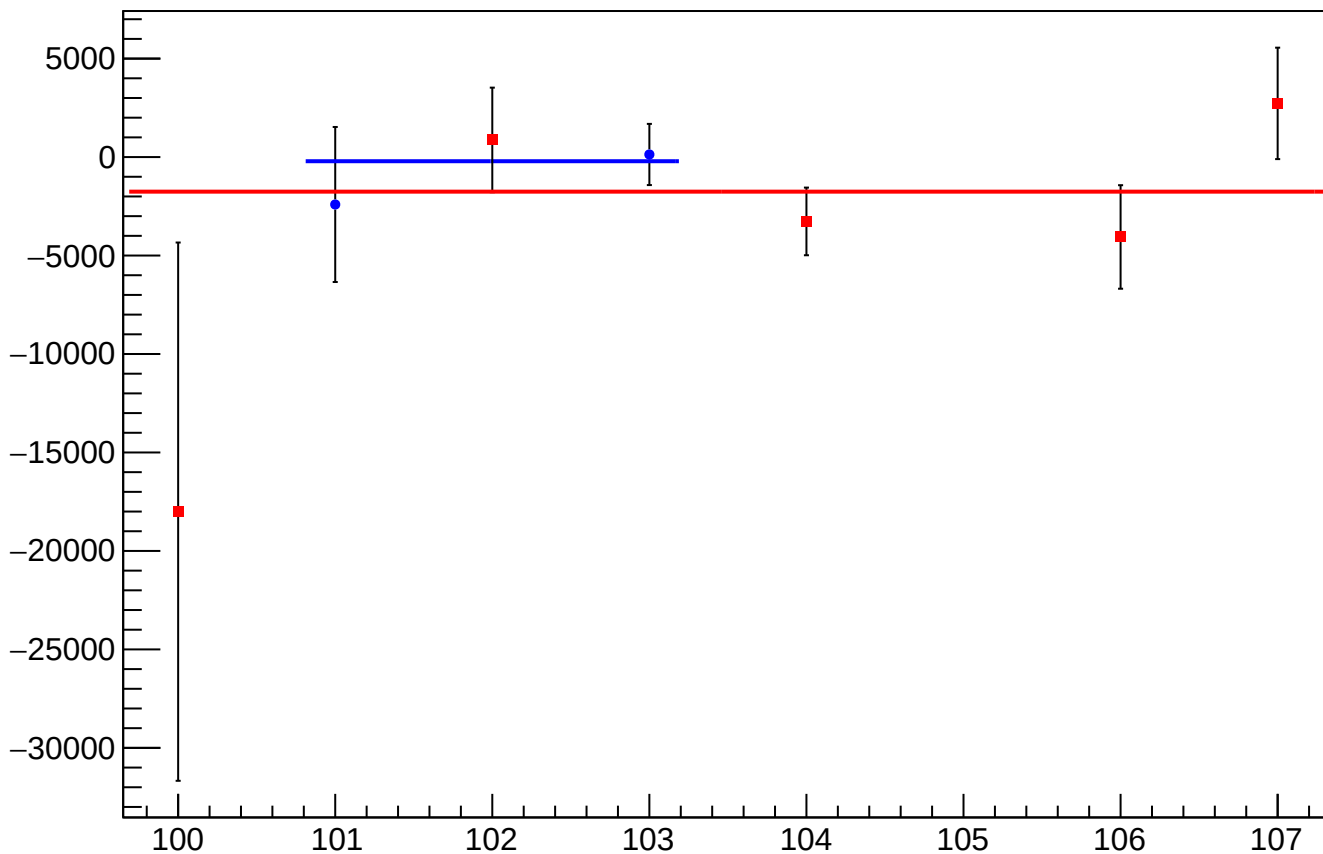
Right: 786.241+/-0.390 χ^2/NDF : 2022005.4/6

In: 1448.059+/-0.916 χ^2/NDF : 18367.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 786.241+/-0.390 χ^2/NDF : 2022005.4/6

eigen_dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -210.457+/-1444.751 χ^2/NDF : 0.4/1

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

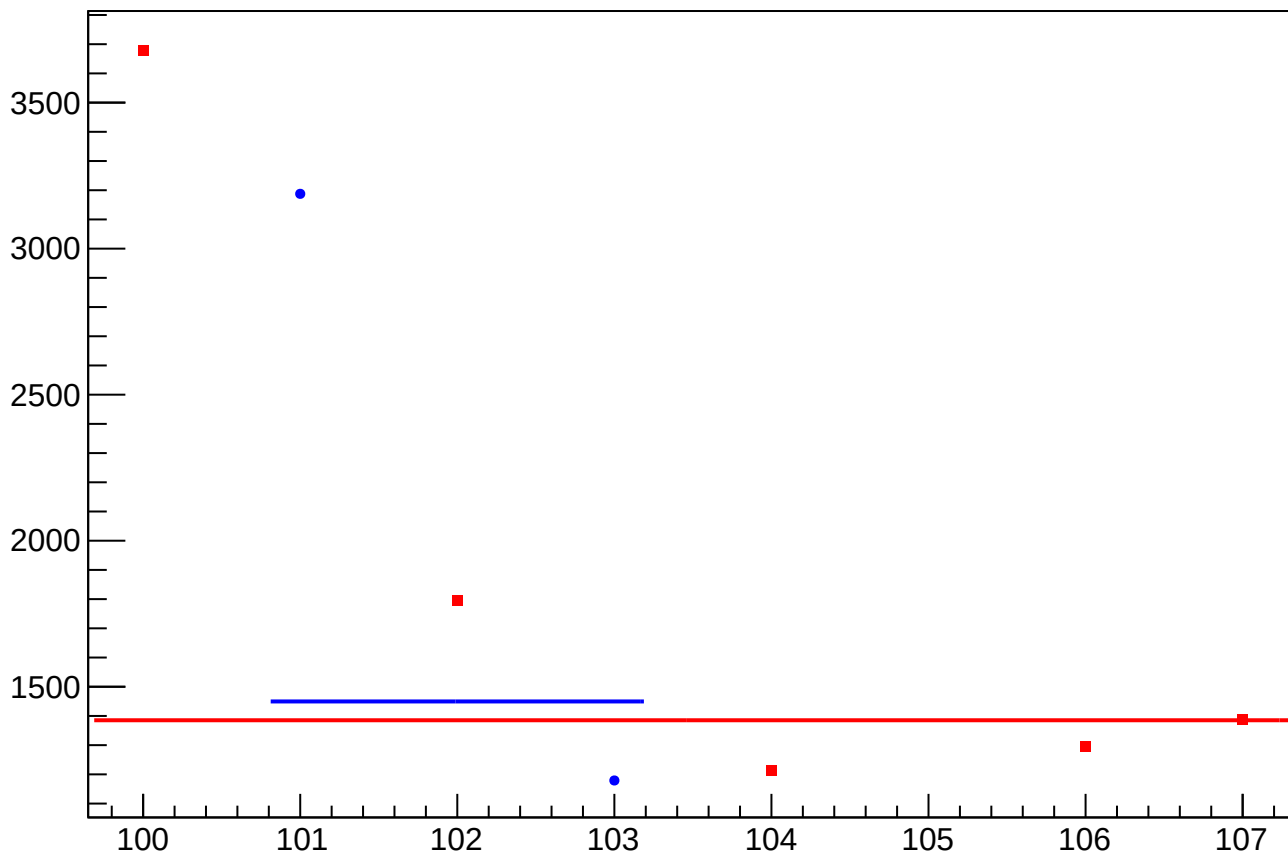
Right: -1156.231+/-899.895 χ^2/NDF : 7.5/6

In: -210.457+/-1444.751 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1156.231+/-899.895 χ^2/NDF : 7.5/6

eigen_dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1449.650+/-1.022 χ^2/NDF : 450635.7/1

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

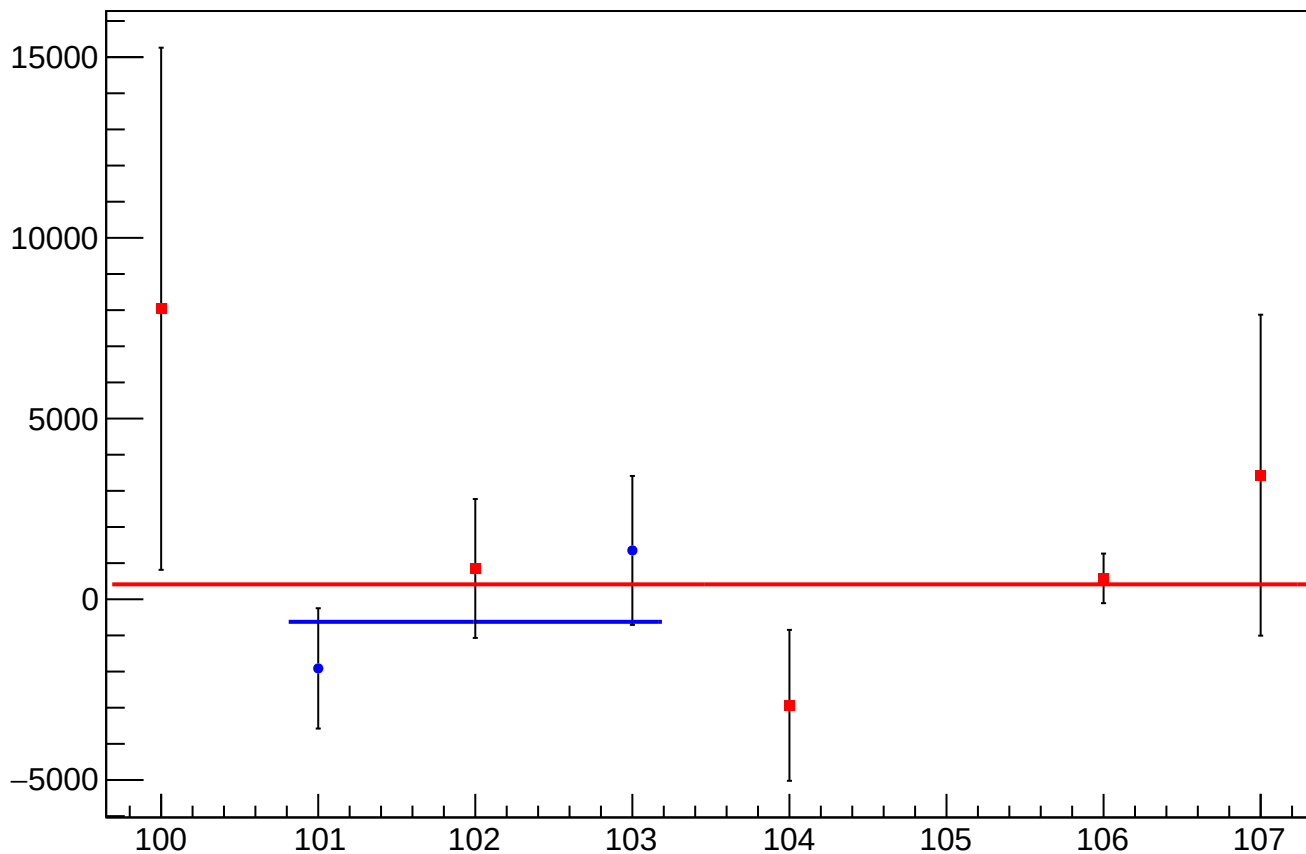
Right: 1410.231+/-0.636 χ^2/NDF : 579134.0/6

In: 1449.650+/-1.022 χ^2/NDF : 450635.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1410.231+/-0.636 χ^2/NDF : 579134.0/6

asym_atl_avg_atr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -623.558+/-1294.829 χ^2/NDF : 1.5/1

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

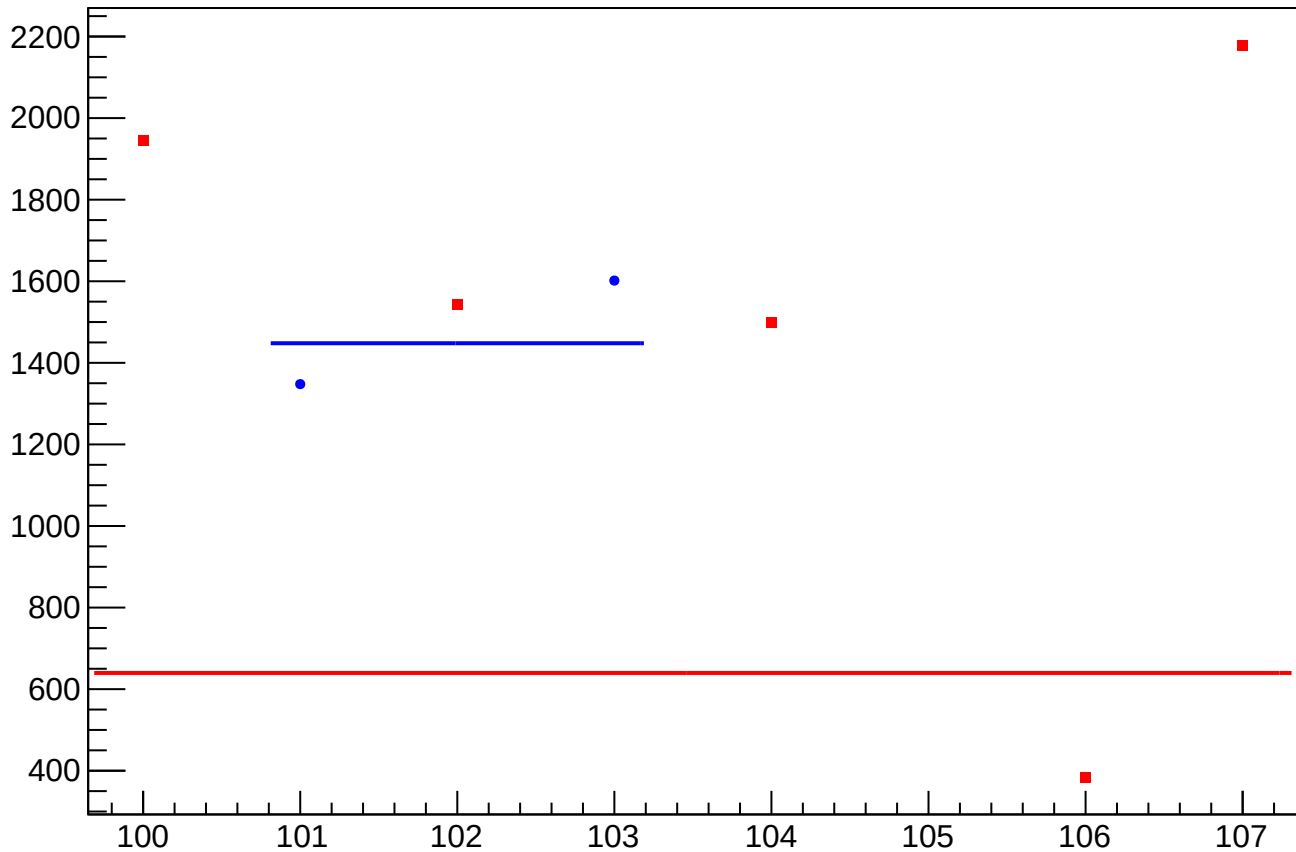
Right: 225.349+/-551.291 χ^2/NDF : 6.3/6

In: -623.558+/-1294.829 χ^2/NDF : 1.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 225.349+/-551.291 χ^2/NDF : 6.3/6

asym_atl_avg_atr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1448.057+/-0.916 χ^2/NDF : 18367.8/1

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

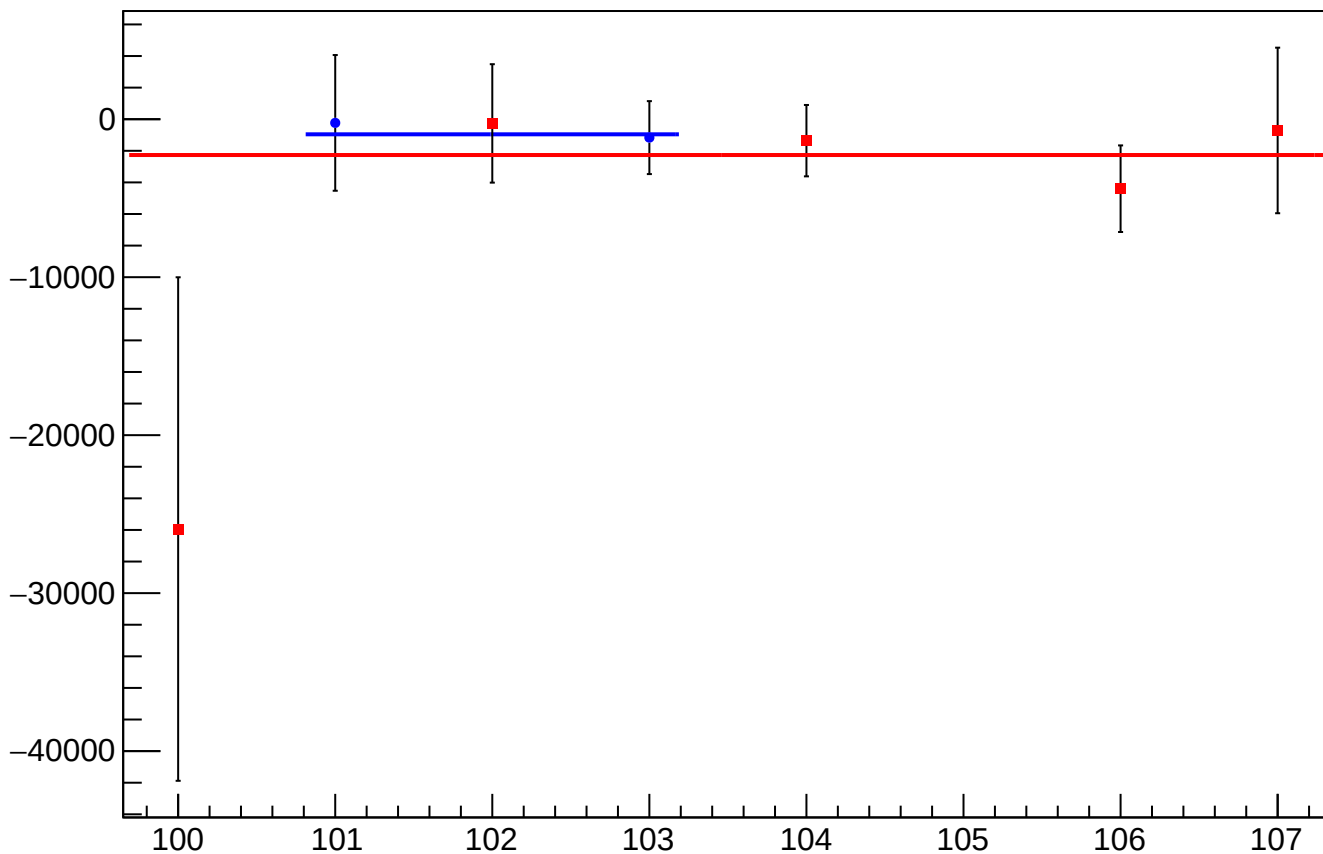
Right: 786.235+/-0.390 χ^2/NDF : 2022026.4/6

In: 1448.057+/-0.916 χ^2/NDF : 18367.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 786.235+/-0.390 χ^2/NDF : 2022026.4/6

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -955.739+/-2033.669 χ^2/NDF : 0.0/1

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

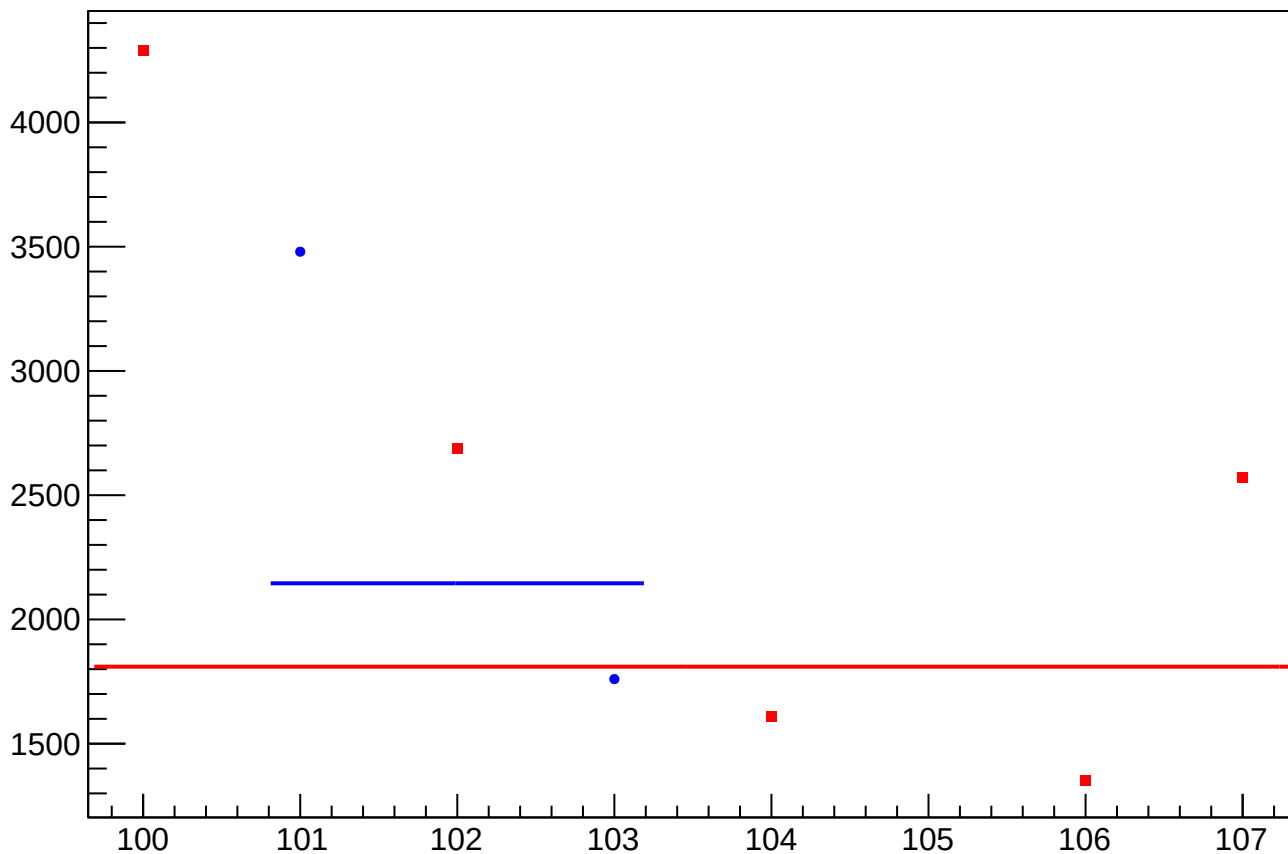
Right: -1802.092+/-1210.617 χ^2/NDF : 3.7/6

In: -955.739+/-2033.669 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1802.092+/-1210.617 χ^2/NDF : 3.7/6

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2145.456+/-1.438 χ^2/NDF : 248770.8/1

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

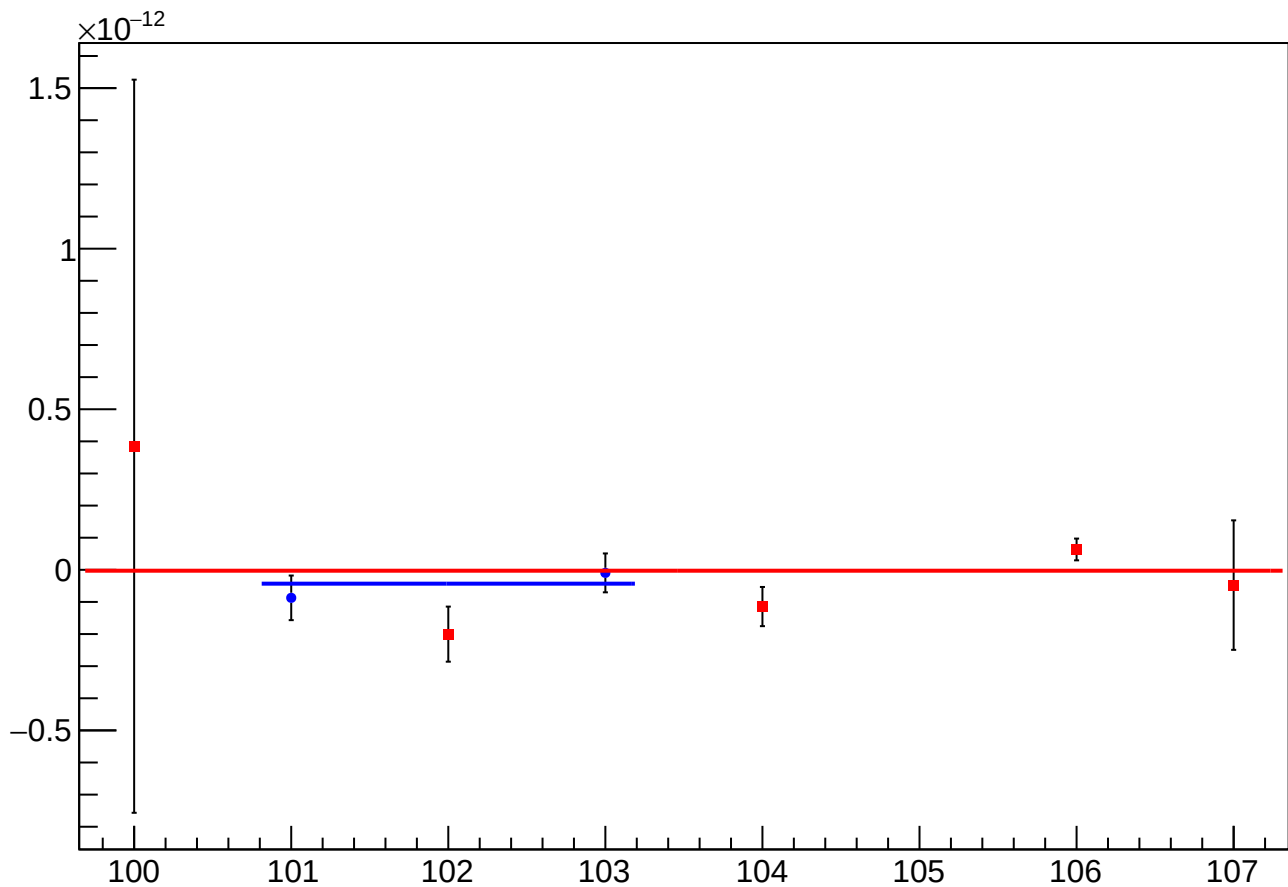
Right: 1928.862+/-0.856 χ^2/NDF : 555052.9/6

In: 2145.456+/-1.438 χ^2/NDF : 248770.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1928.862+/-0.856 χ^2/NDF : 555052.9/6

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.7/1

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

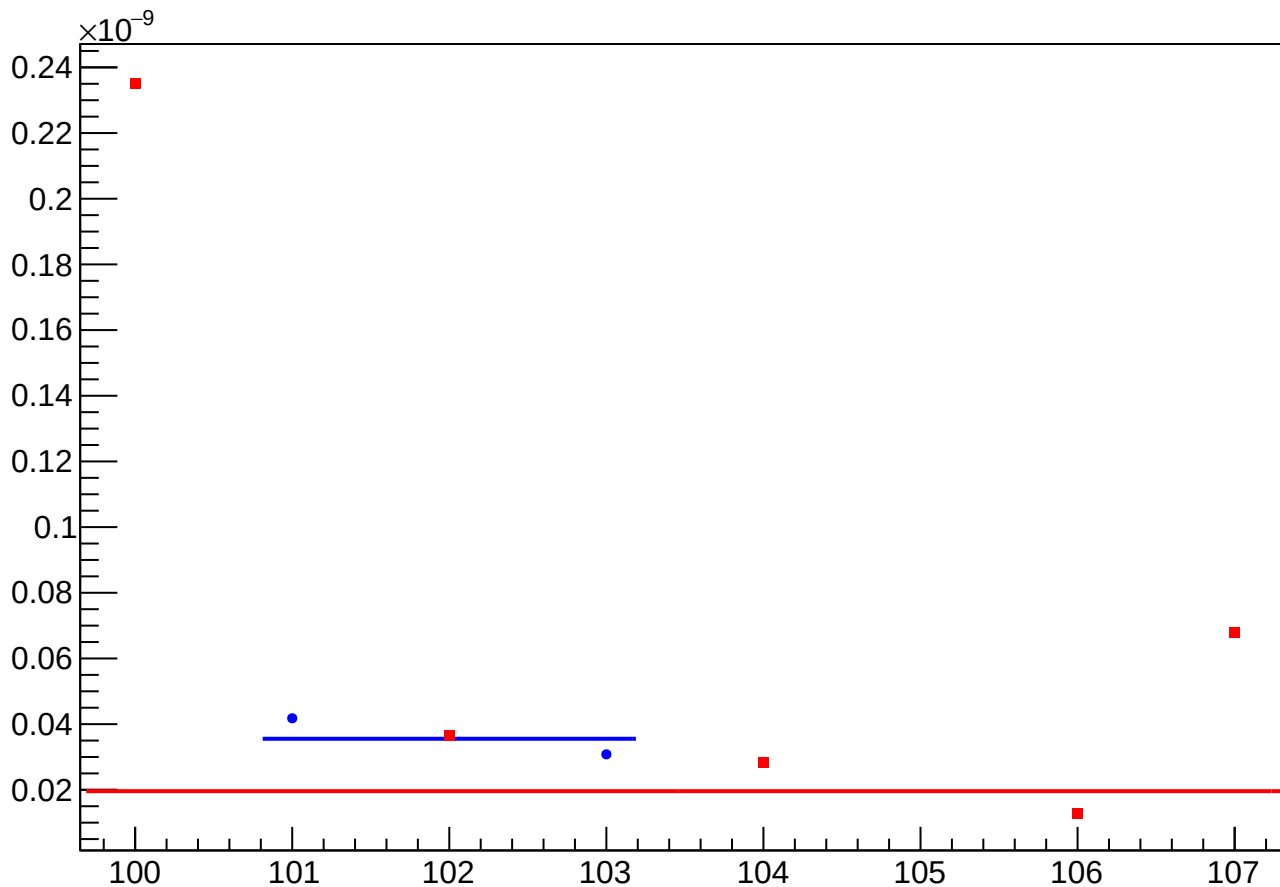
Right: -0.000+/-0.000 χ^2 /NDF: 13.9/6

In: -0.000+/-0.000 χ^2 /NDF:0.7/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 13.9/6

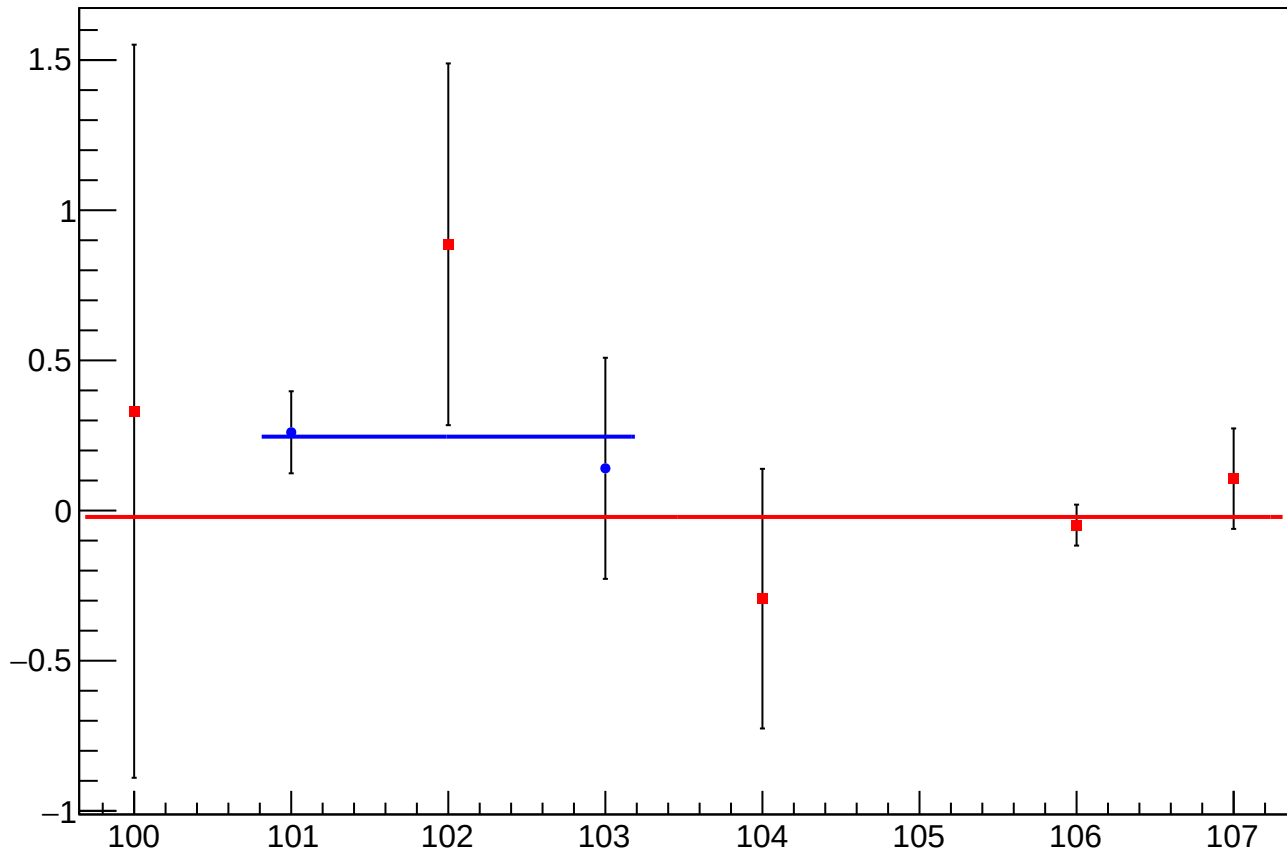
asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 28427.2/1
 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 : 593649.0/6
 In: 0.000+/-0.000 χ^2/NDF : 28427.2/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 593649.0/6

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.246 $\pm$ 0.128 χ^2 /NDF: 0.1/1

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

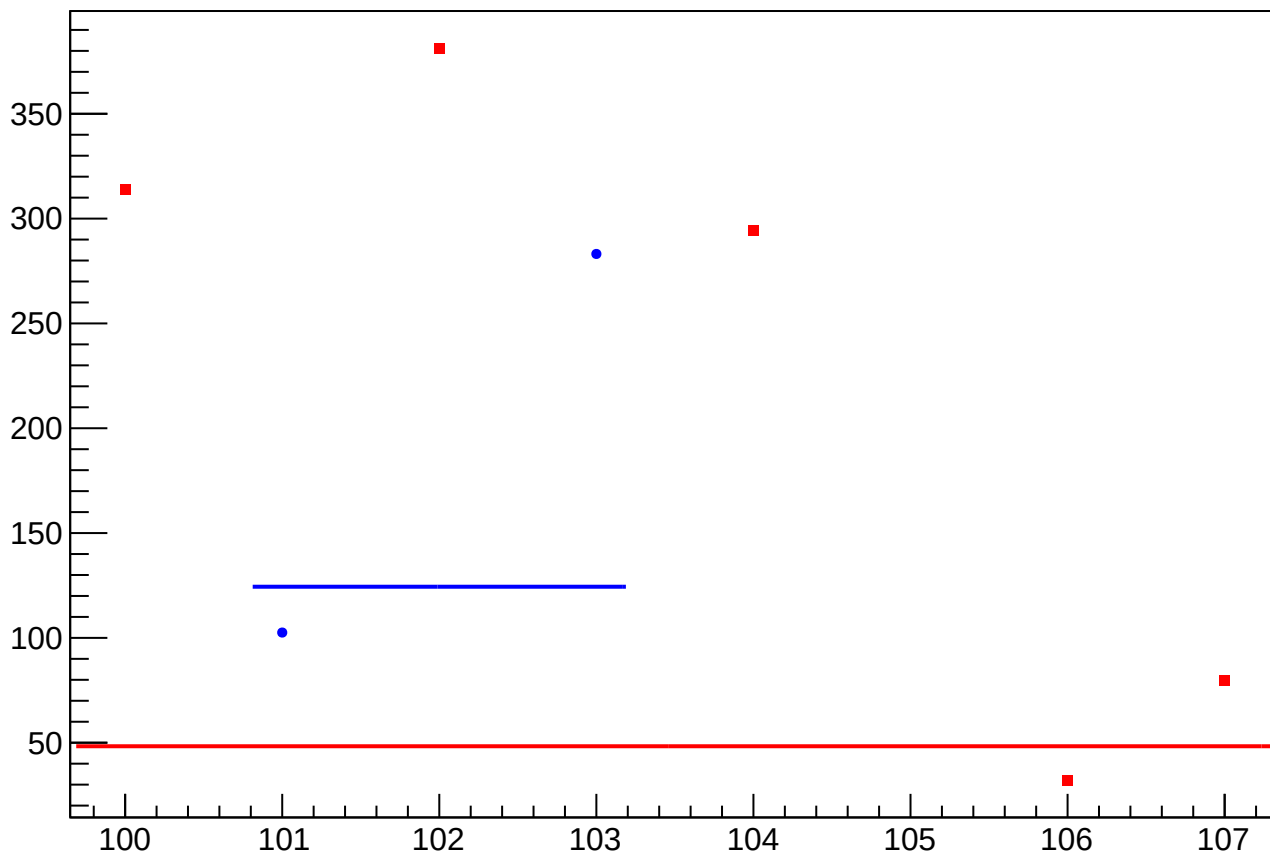
Right: 0.030 $\pm$ 0.056 χ^2 /NDF: 7.1/6

In: 0.246 $\pm$ 0.128 χ^2 /NDF: 0.1/1

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

All: 0.030 $\pm$ 0.056 χ^2 /NDF: 7.1/6

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 124.404+/-0.091 χ^2/NDF : 423134.0/1

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

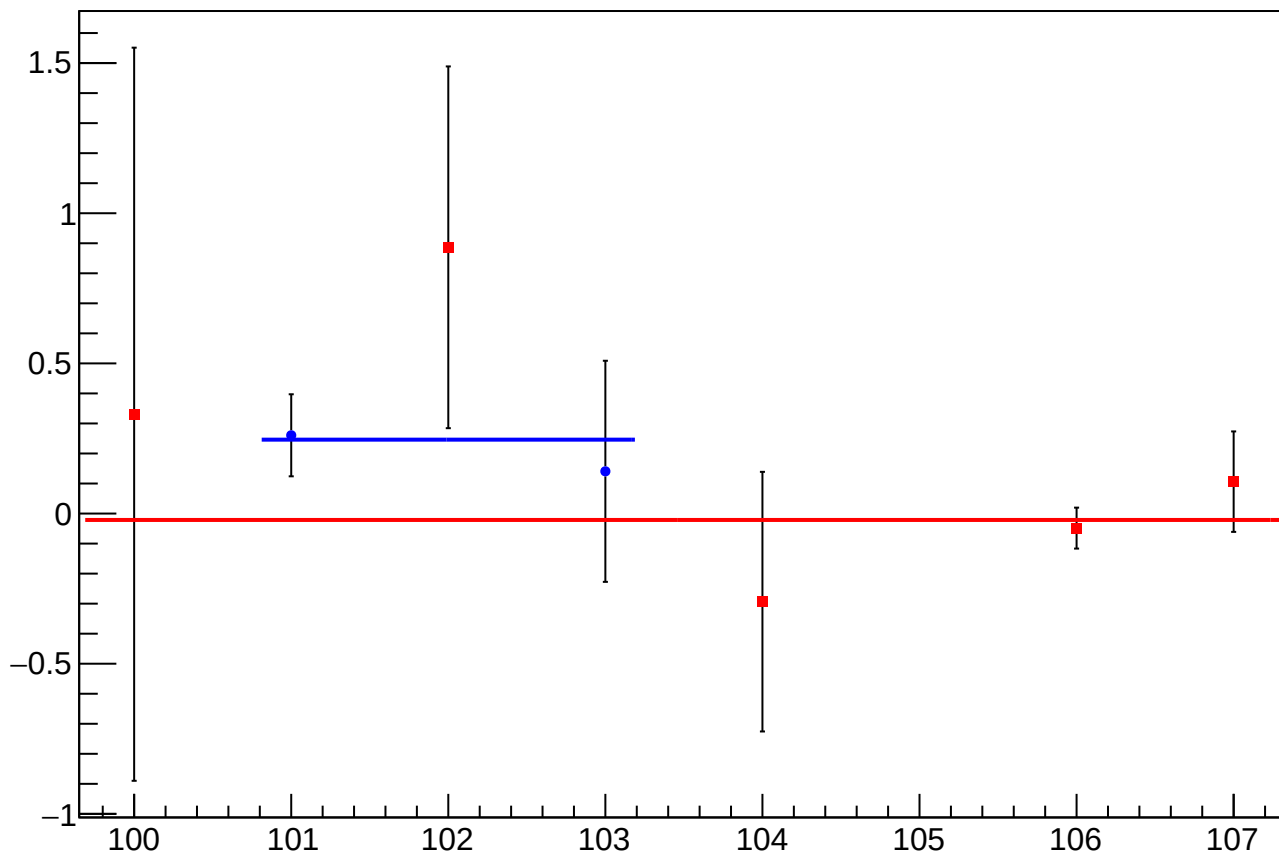
Right: 62.779+/-0.039 χ^2/NDF : 2534539.3/6

In: 124.404+/-0.091 χ^2/NDF : 423134.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.779+/-0.039 χ^2/NDF : 2534539.3/6

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.246 $\pm$ 0.128 χ^2 /NDF: 0.1/1

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

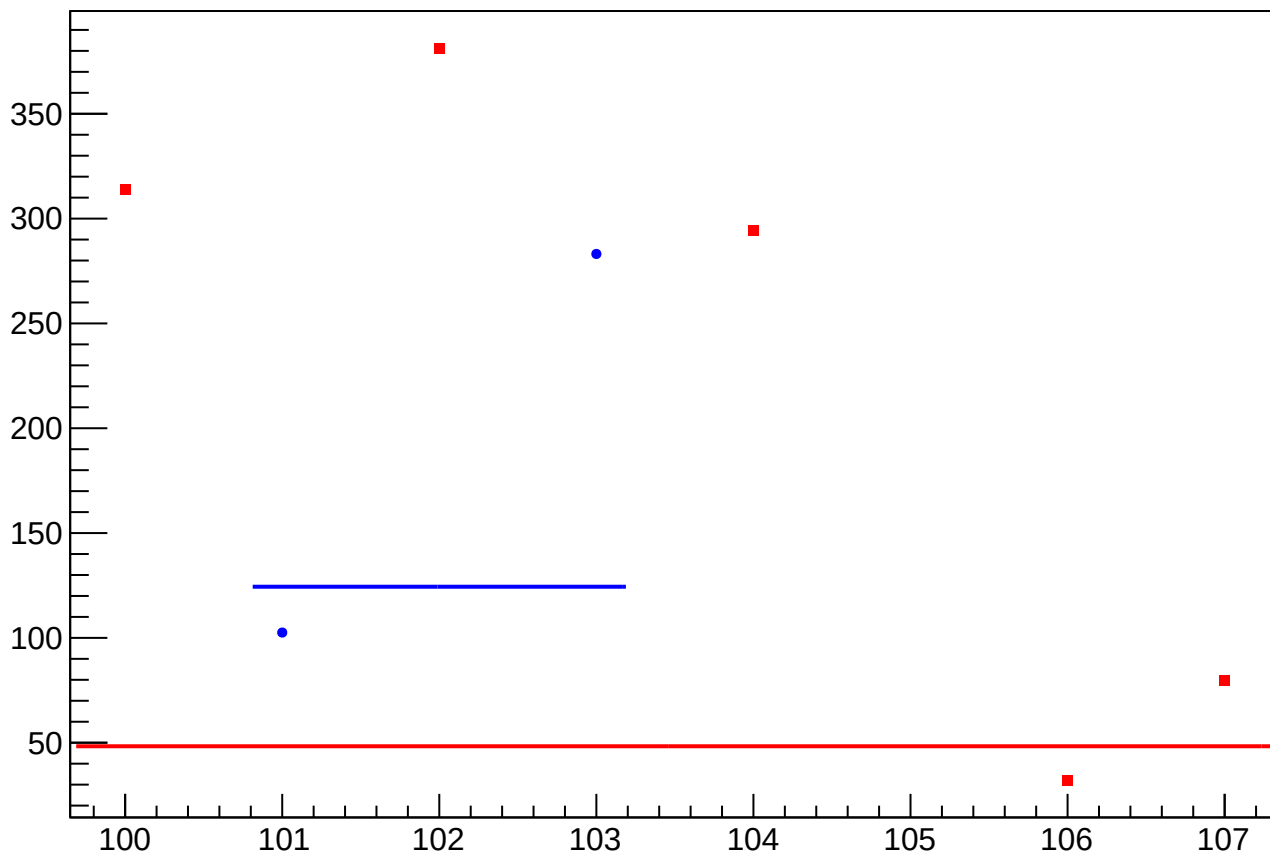
Right: 0.030 $\pm$ 0.056 χ^2 /NDF: 7.1/6

In: 0.246 $\pm$ 0.128 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.030 $\pm$ 0.056 χ^2 /NDF: 7.1/6

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 124.404 $\pm$ 0.091 χ^2 /NDF: 423134.0/1

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

Right Out: 48.308 $\pm$ 0.044 χ^2 /NDF: 1539561.3/4

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

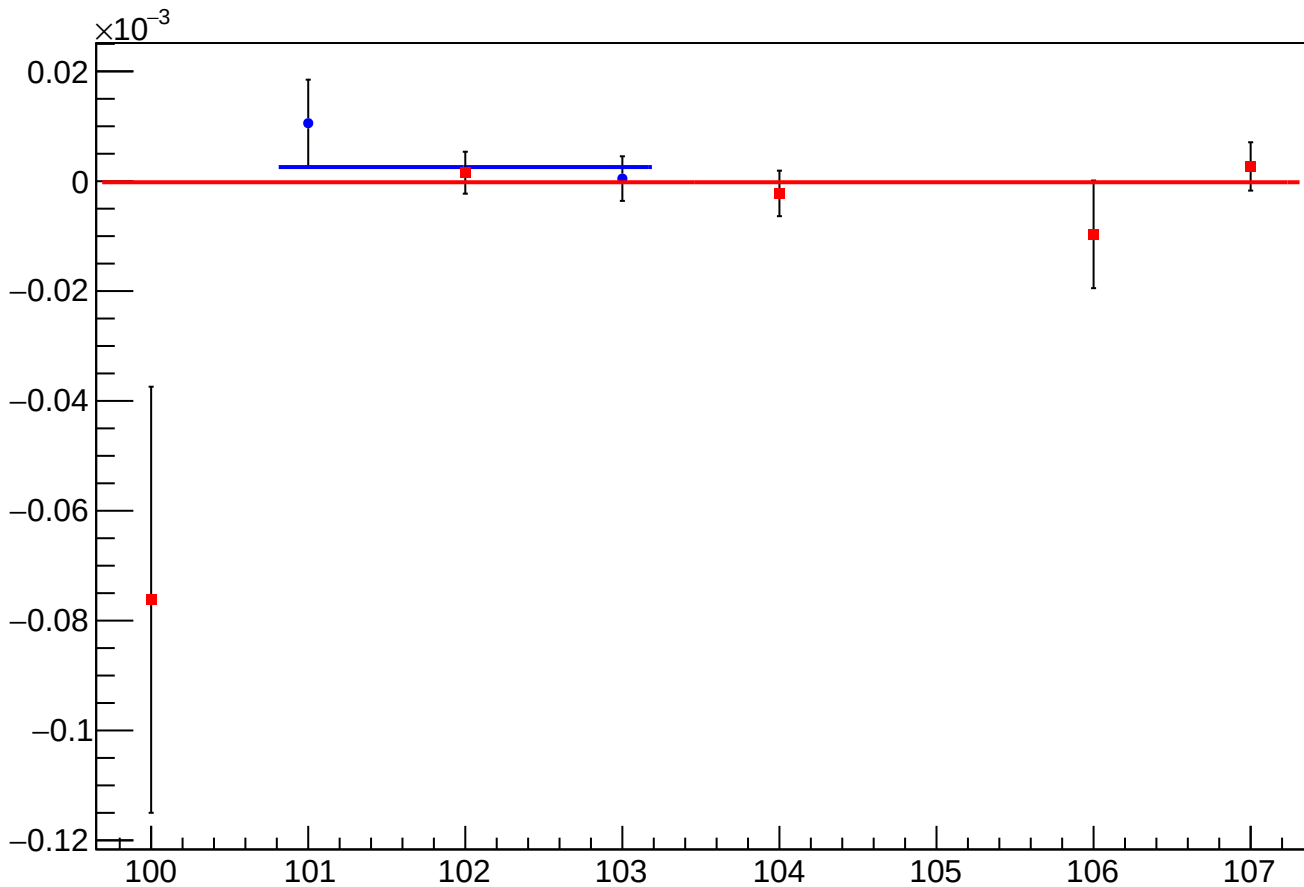
Right: 62.779 $\pm$ 0.039 χ^2 /NDF: 2534539.3/6

In: 124.404 $\pm$ 0.091 χ^2 /NDF:423134.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 62.779 $\pm$ 0.039 χ^2 /NDF: 2534539.3/6

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 : 1.3/1

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

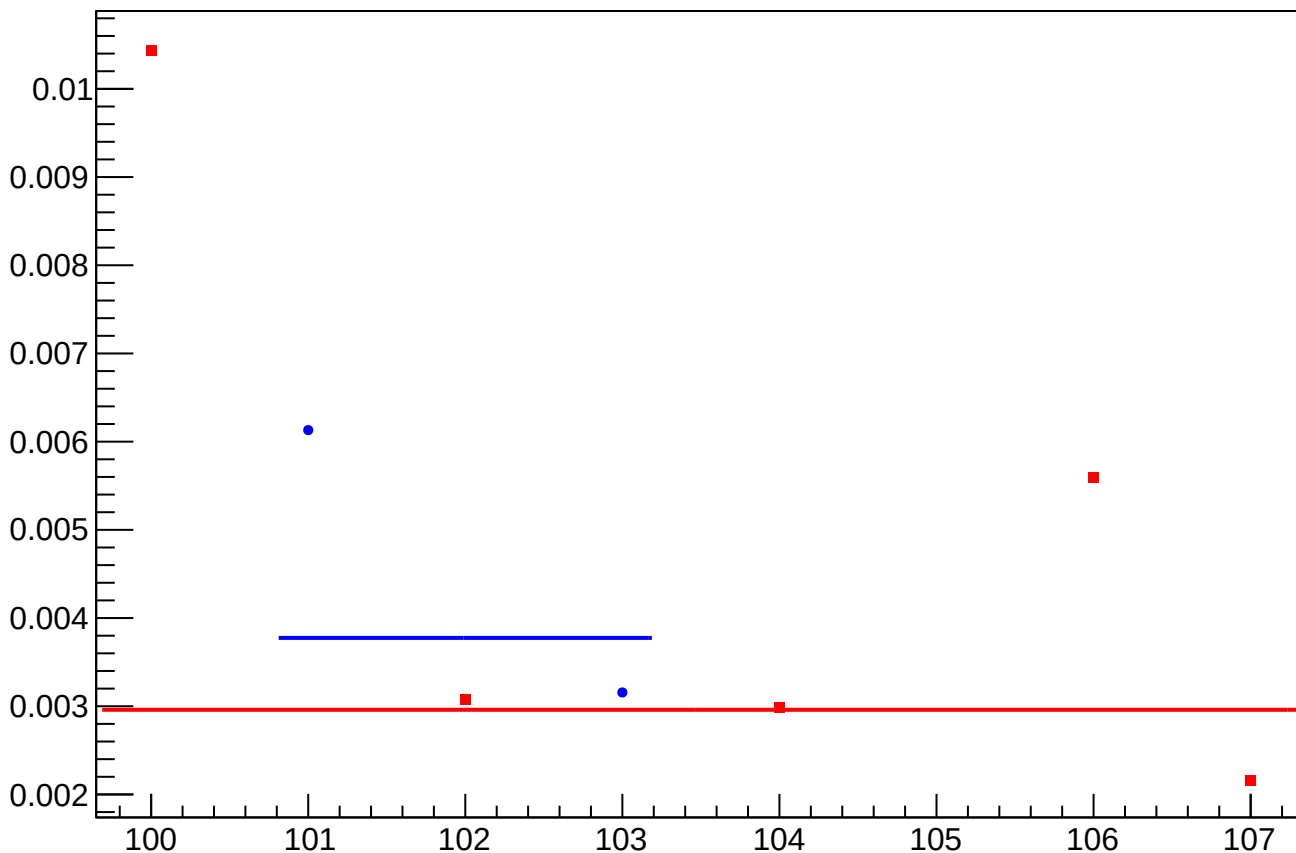
Right: 0.000+/-0.000 χ^2/NDF : 7.4/6

In: 0.000+/-0.000 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.4/6

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 : 223303.3/1

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

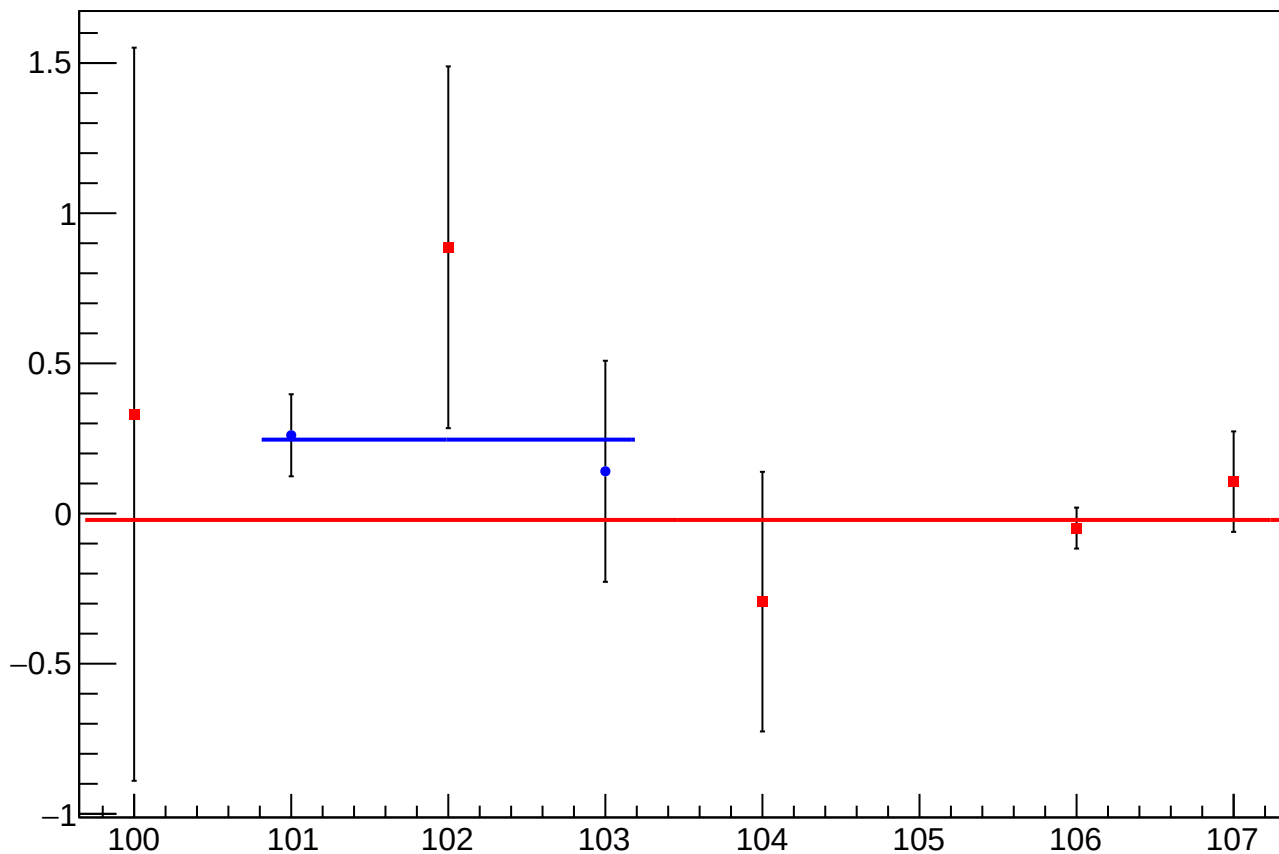
Right: 0.003+/-0.000 χ^2/NDF : 582508.2/6

In: 0.004+/-0.000 χ^2/NDF : 223303.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 582508.2/6

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.246 $\pm$ 0.128 χ^2 /NDF: 0.1/1

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

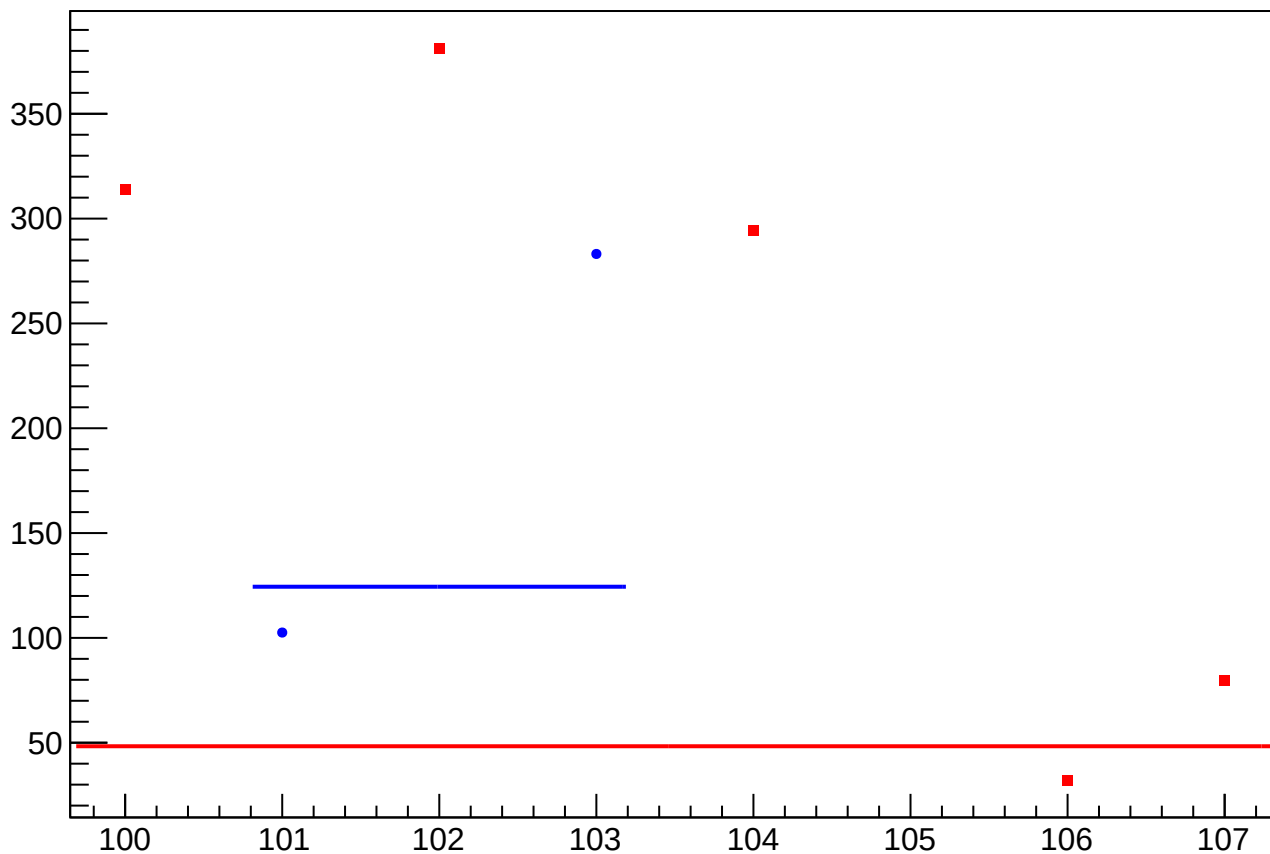
Right: 0.030 $\pm$ 0.056 χ^2 /NDF: 7.1/6

In: 0.246 $\pm$ 0.128 χ^2 /NDF: 0.1/1

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

All: 0.030 $\pm$ 0.056 χ^2 /NDF: 7.1/6

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 124.406+/-0.091 χ^2/NDF : 423129.2/1

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

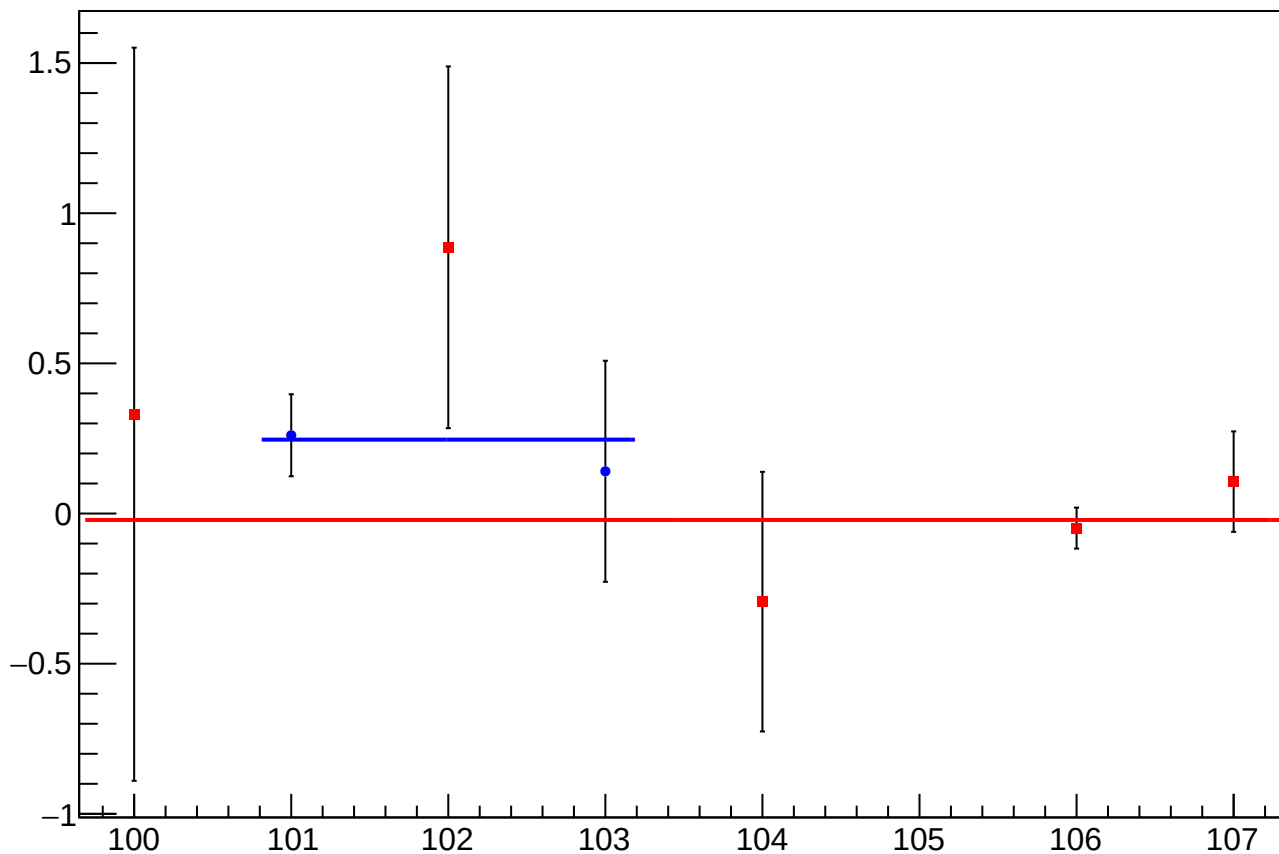
Right: 62.782+/-0.039 χ^2/NDF : 2534476.4/6

In: 124.406+/-0.091 χ^2/NDF : 423129.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.782+/-0.039 χ^2/NDF : 2534476.4/6

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.246 $\pm$ 0.128 χ^2 /NDF: 0.1/1

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

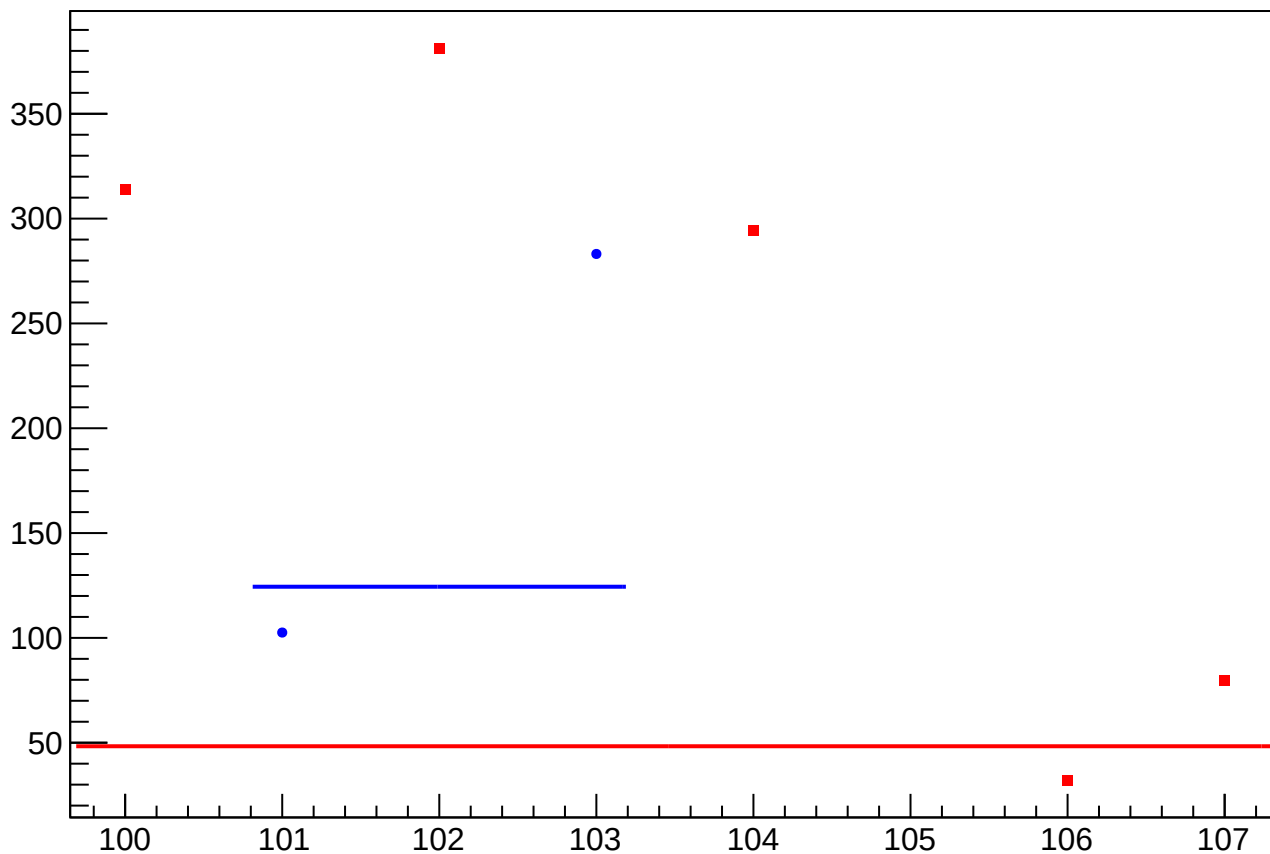
Right: 0.030 $\pm$ 0.056 χ^2 /NDF: 7.1/6

In: 0.246 $\pm$ 0.128 χ^2 /NDF: 0.1/1

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

All: 0.030 $\pm$ 0.056 χ^2 /NDF: 7.1/6

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 124.406 $\pm$ 0.091 χ^2 /NDF: 423129.2/1

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

Right Out: 48.310 $\pm$ 0.044 χ^2 /NDF: 1539533.6/4

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

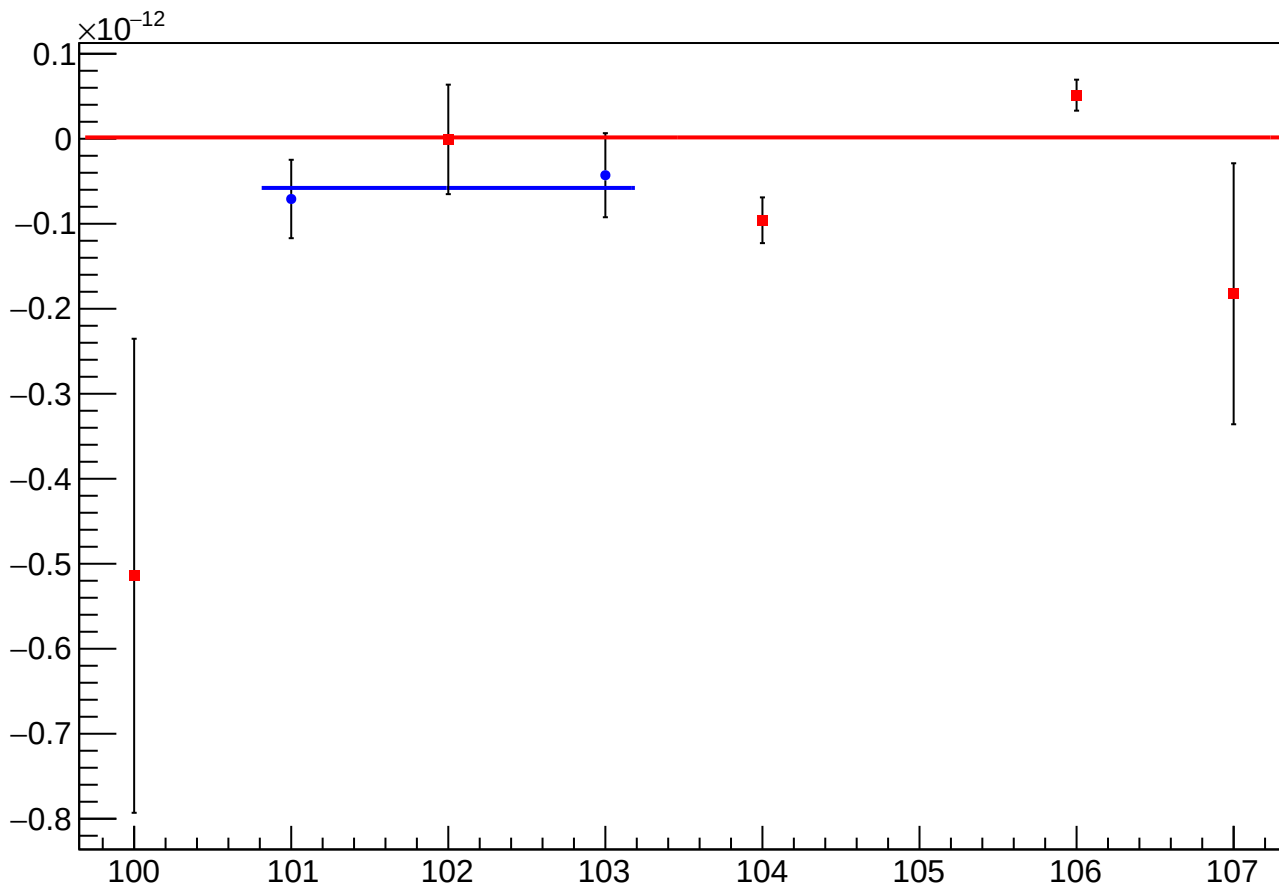
Right: 62.782 $\pm$ 0.039 χ^2 /NDF: 2534476.4/6

In: 124.406 $\pm$ 0.091 χ^2 /NDF:423129.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 62.782 $\pm$ 0.039 χ^2 /NDF: 2534476.4/6

asym_atl_avg_atr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.2/1

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

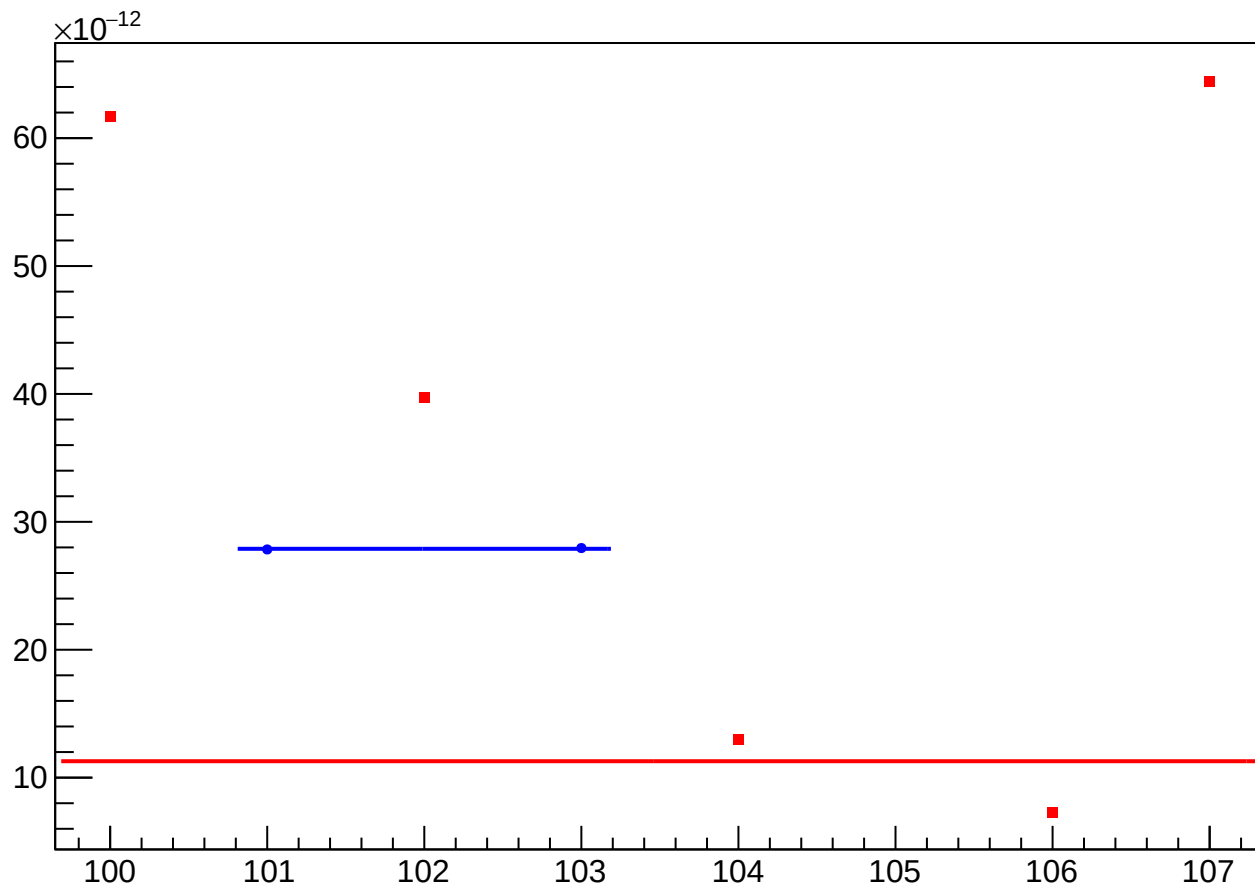
Right: -0.000+/-0.000 χ^2/NDF : 28.2/6

In: -0.000+/-0.000 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.2/6

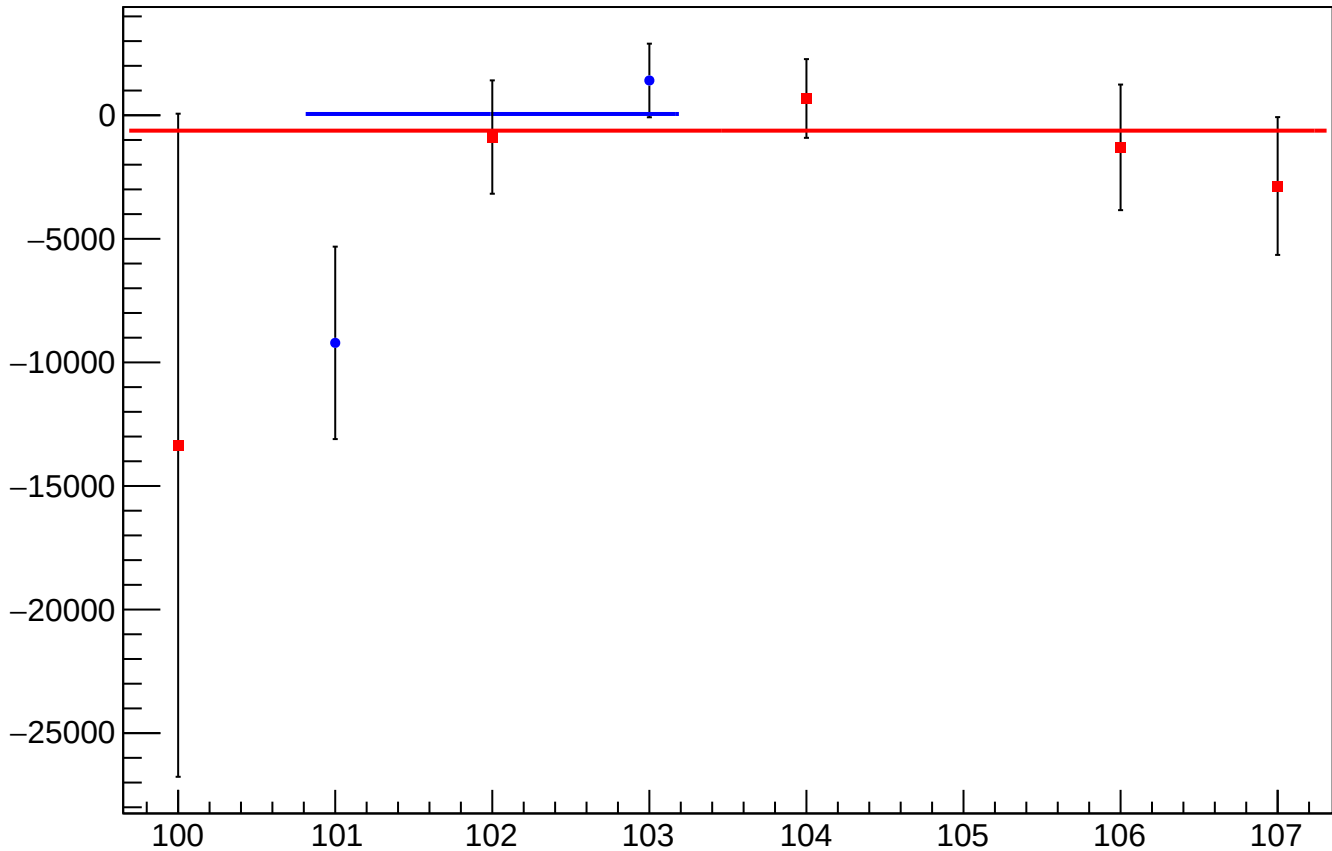
asym_atl_avg_atr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.2/1
 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 : 1209446.0/6
 In: 0.000+/-0.000 χ^2/NDF : 5.2/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 1209446.0/6

reg_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 51.748+/-1391.036 χ^2/NDF : 6.5/1

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

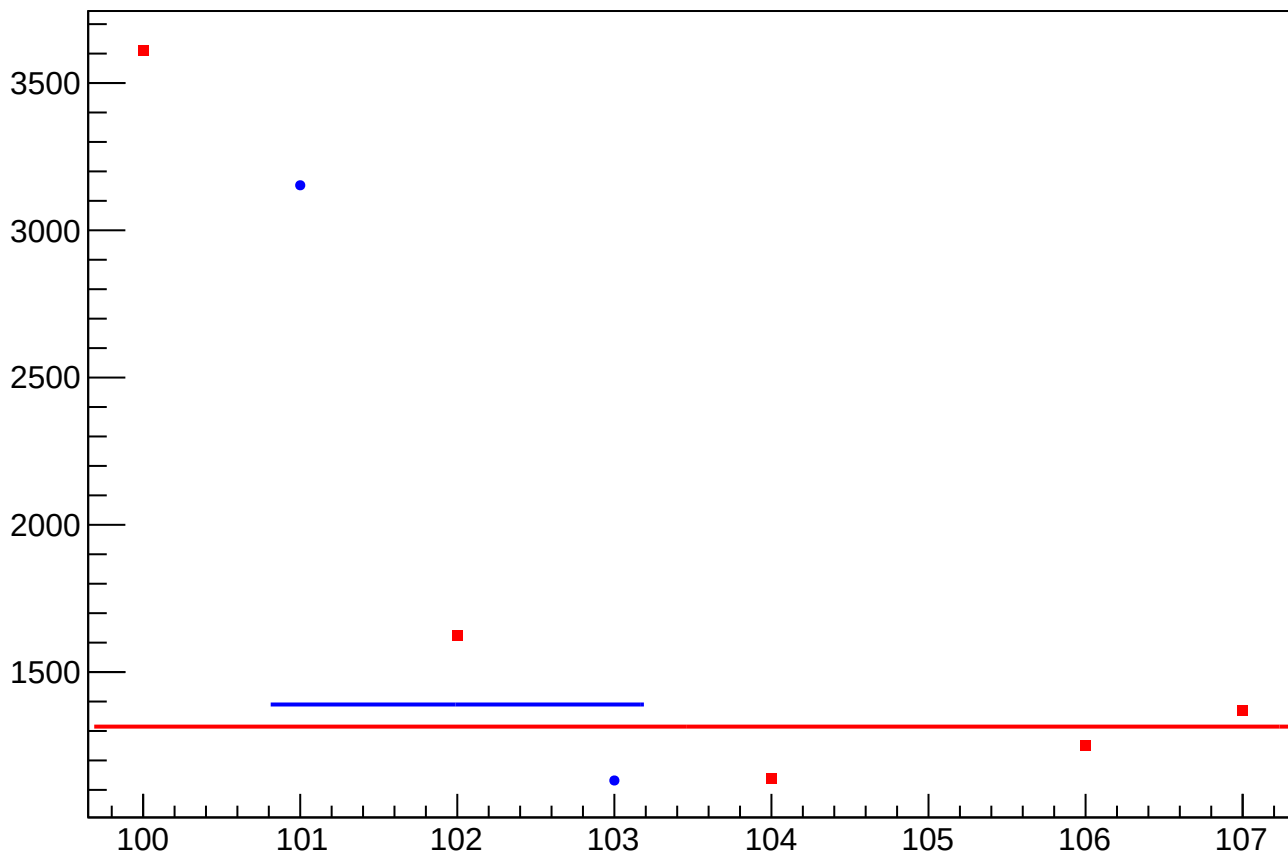
Right: -372.001+/-848.120 χ^2/NDF : 8.9/6

In: 51.748+/-1391.036 χ^2/NDF : 6.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -372.001+/-848.120 χ^2/NDF : 8.9/6

reg_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1389.931+/-0.984 χ^2/NDF : 470145.3/1

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

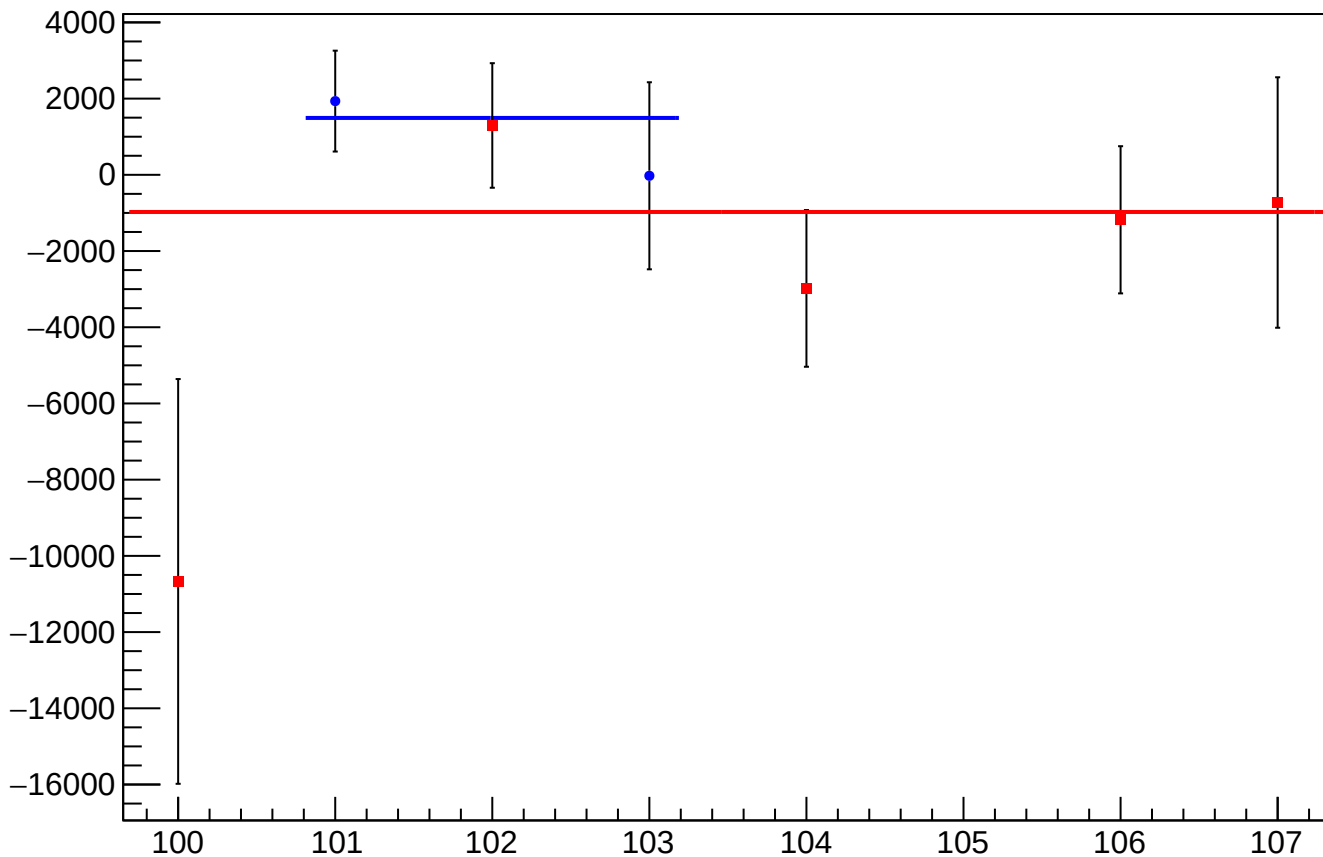
Right: 1342.763+/-0.600 χ^2/NDF : 594803.1/6

In: 1389.931+/-0.984 χ^2/NDF : 470145.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1342.763+/-0.600 χ^2/NDF : 594803.1/6

asym_atl_dd_atr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 1492.906+/-1164.957 χ^2/NDF : 0.5/1

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

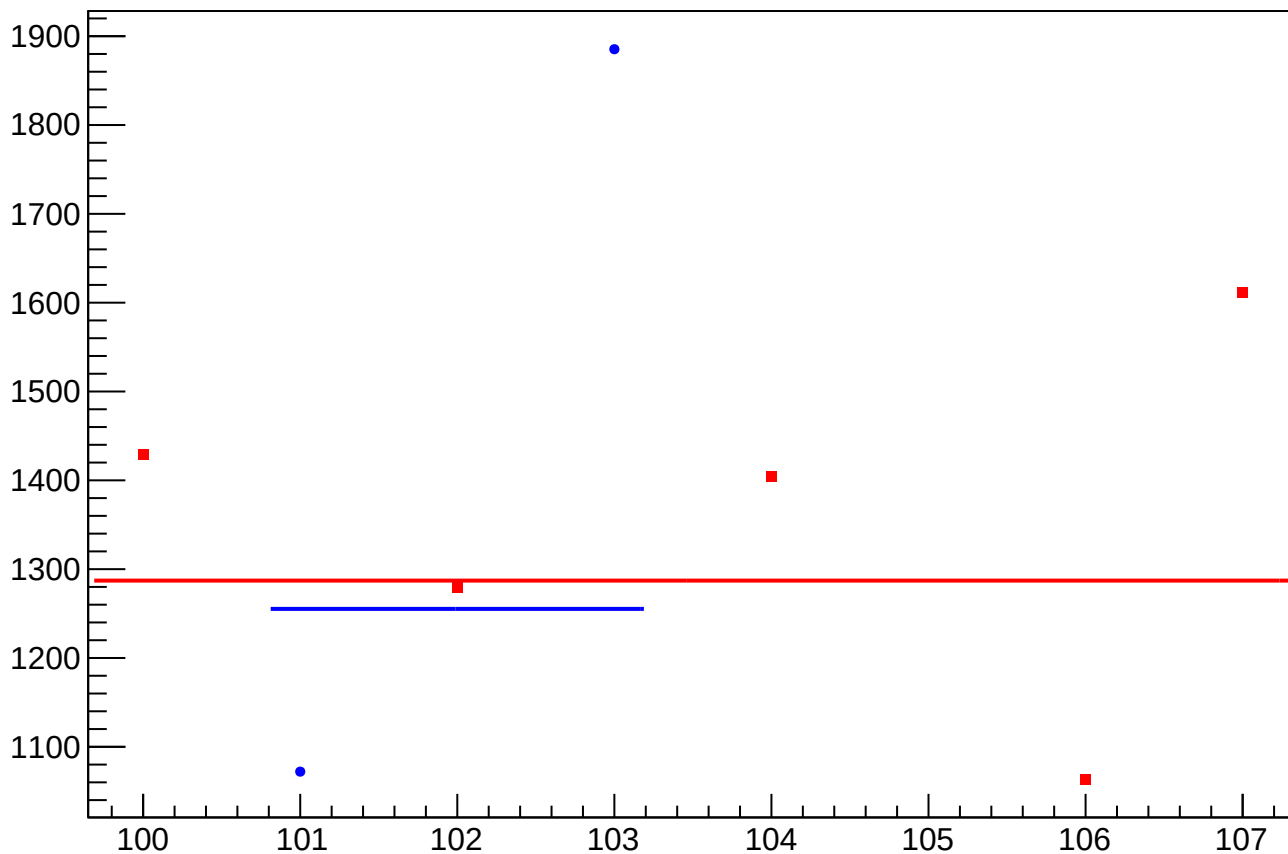
Right: 67.785+/-757.274 χ^2/NDF : 9.3/6

In: 1492.906+/-1164.957 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.785+/-757.274 χ^2/NDF : 9.3/6

asym_atl_dd_atr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1255.278+/-0.824 χ^2/NDF : 170119.3/1

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

Right Out: 1287.123+/-0.705 χ^2/NDF : 54354.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

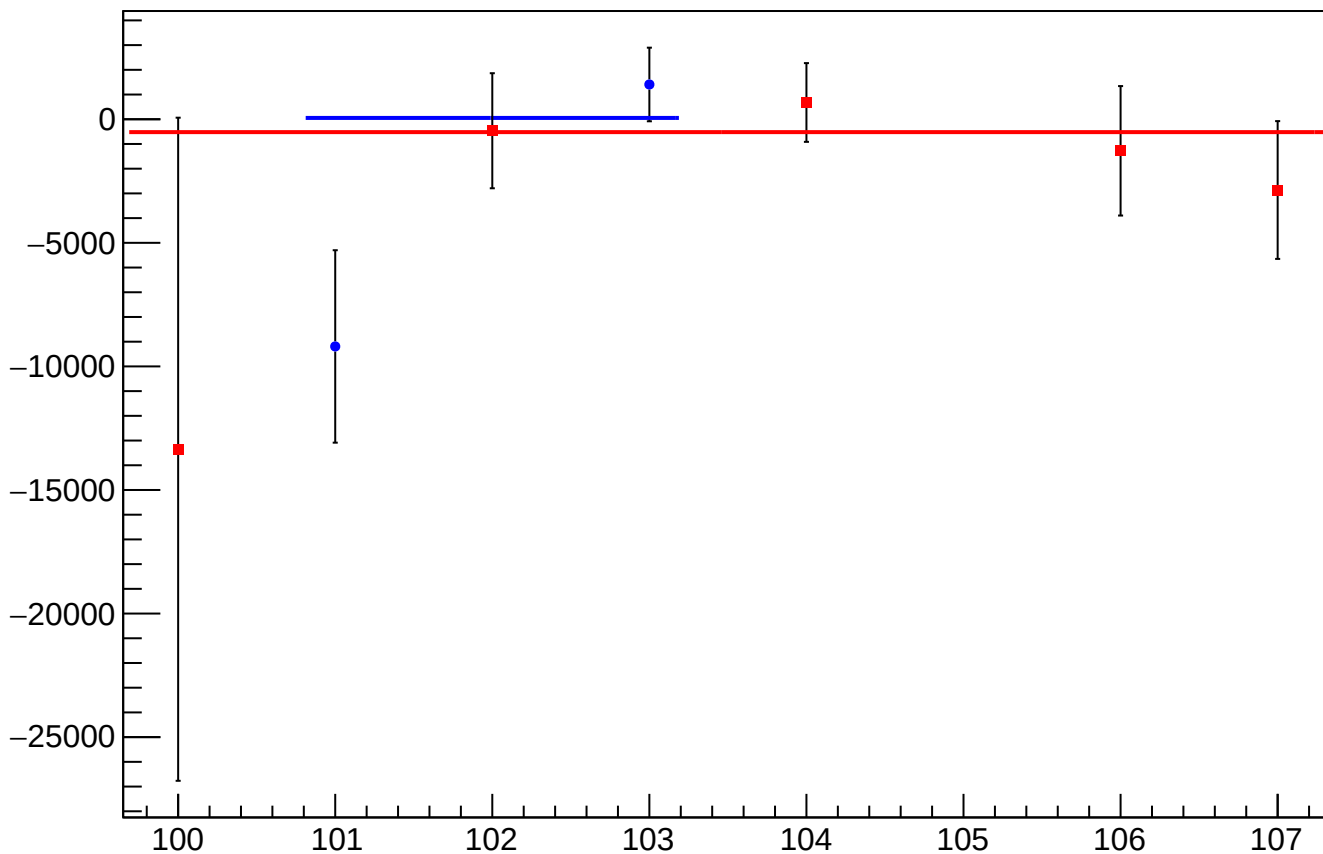
Right: 1273.667+/-0.535 χ^2/NDF : 225337.1/6

In: 1255.278+/-0.824 χ^2/NDF : 170119.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1273.667+/-0.535 χ^2/NDF : 225337.1/6

cor_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 53.772+/-1391.038 χ^2/NDF : 6.5/1

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

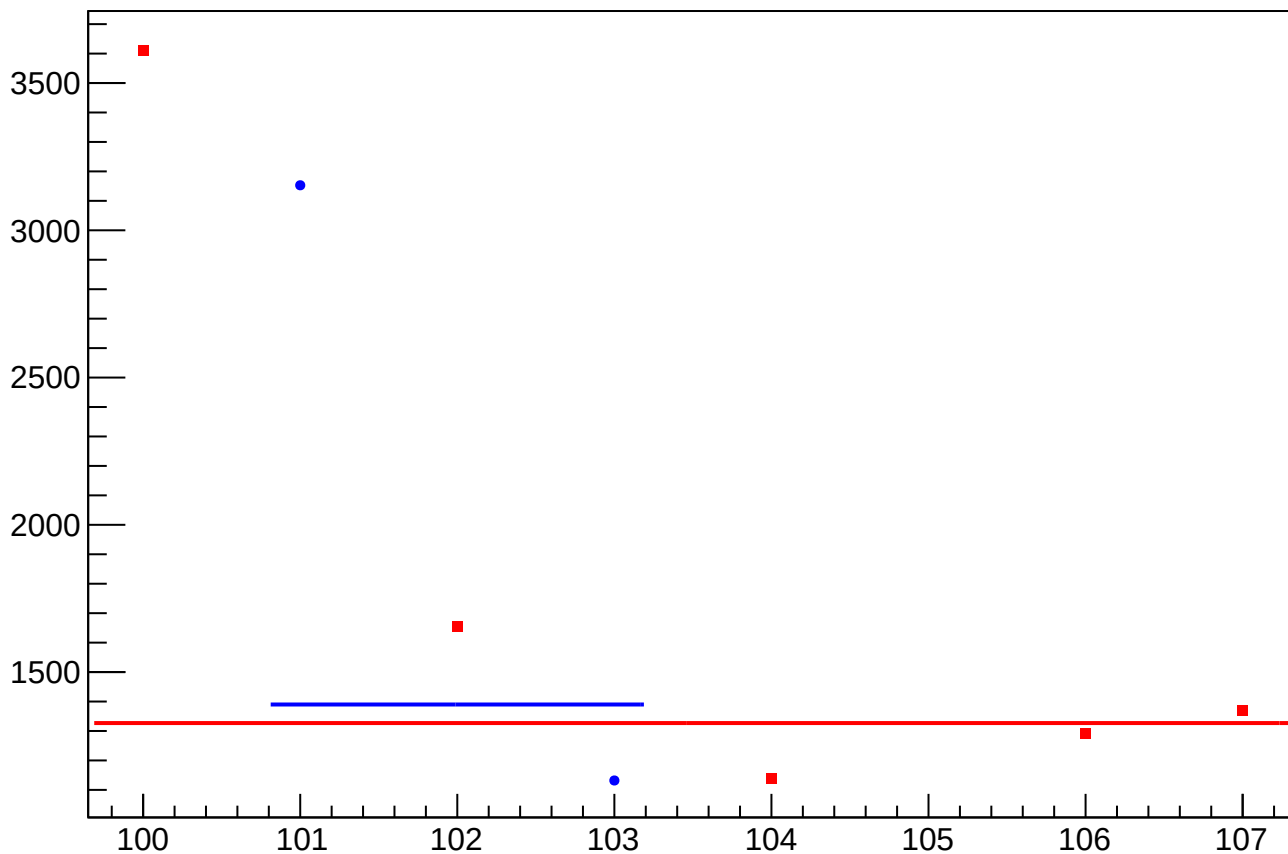
Right: -304.868+/-852.638 χ^2/NDF : 8.8/6

In: 53.772+/-1391.038 χ^2/NDF : 6.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -304.868+/-852.638 χ^2/NDF : 8.8/6

cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1389.930+/-0.984 χ^2/NDF : 470147.1/1

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

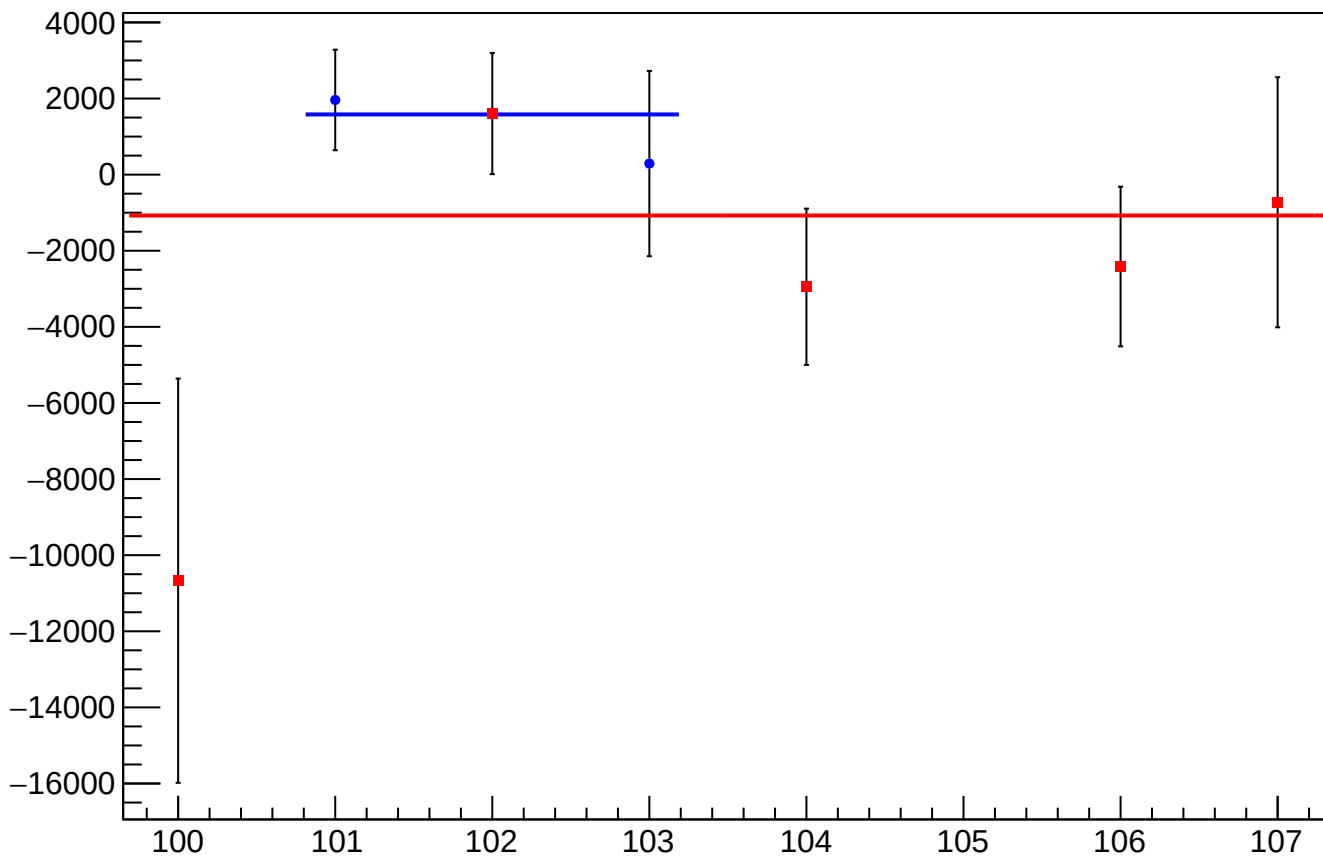
Right: 1350.591+/-0.603 χ^2/NDF : 598843.0/6

In: 1389.930+/-0.984 χ^2/NDF : 470147.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1350.591+/-0.603 χ^2/NDF : 598843.0/6

asym_atl_dd_atr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1581.860+/-1161.368 χ^2/NDF : 0.4/1

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

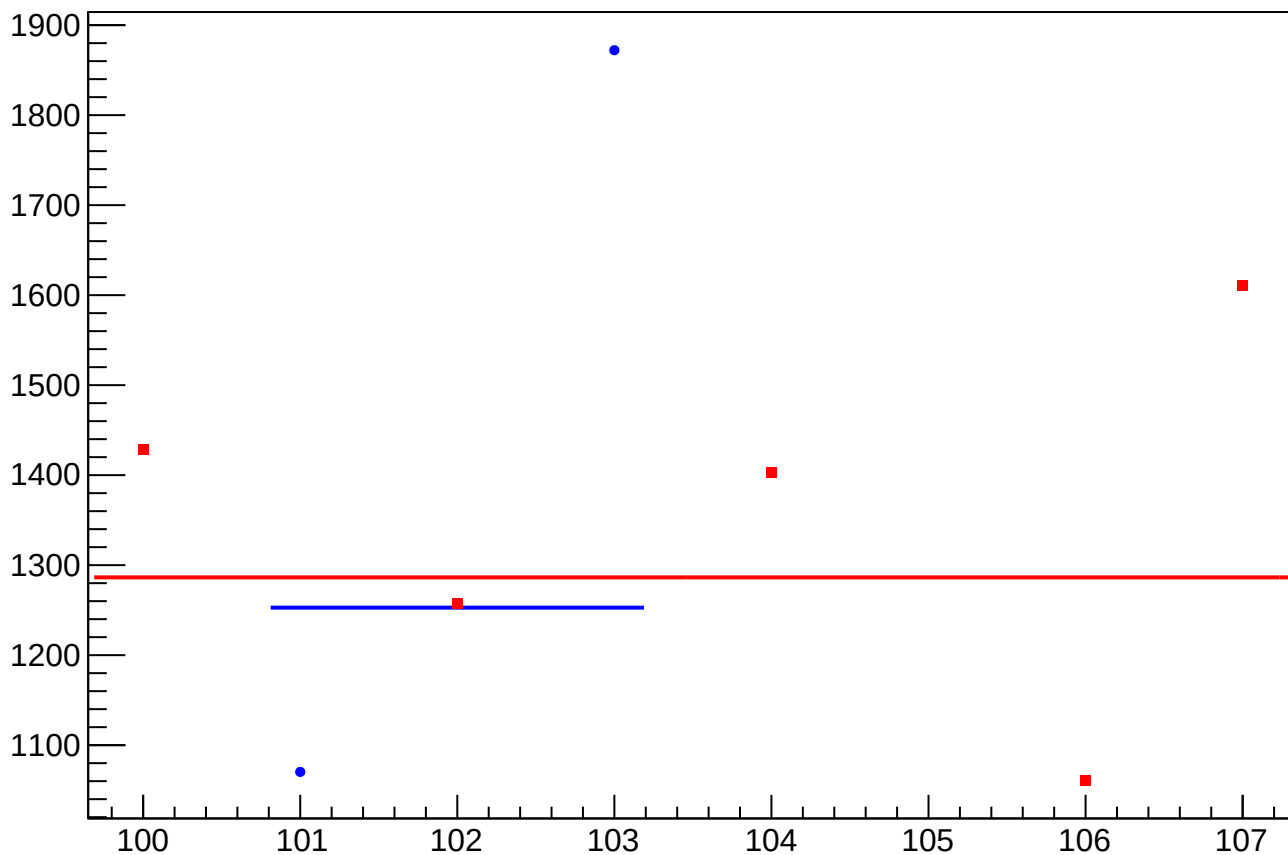
Right: 65.276+/-760.642 χ^2/NDF : 10.7/6

In: 1581.860+/-1161.368 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.276+/-760.642 χ^2/NDF : 10.7/6

asym_atl_dd_atr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1252.801+/-0.821 χ^2 /NDF: 167617.5/1

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

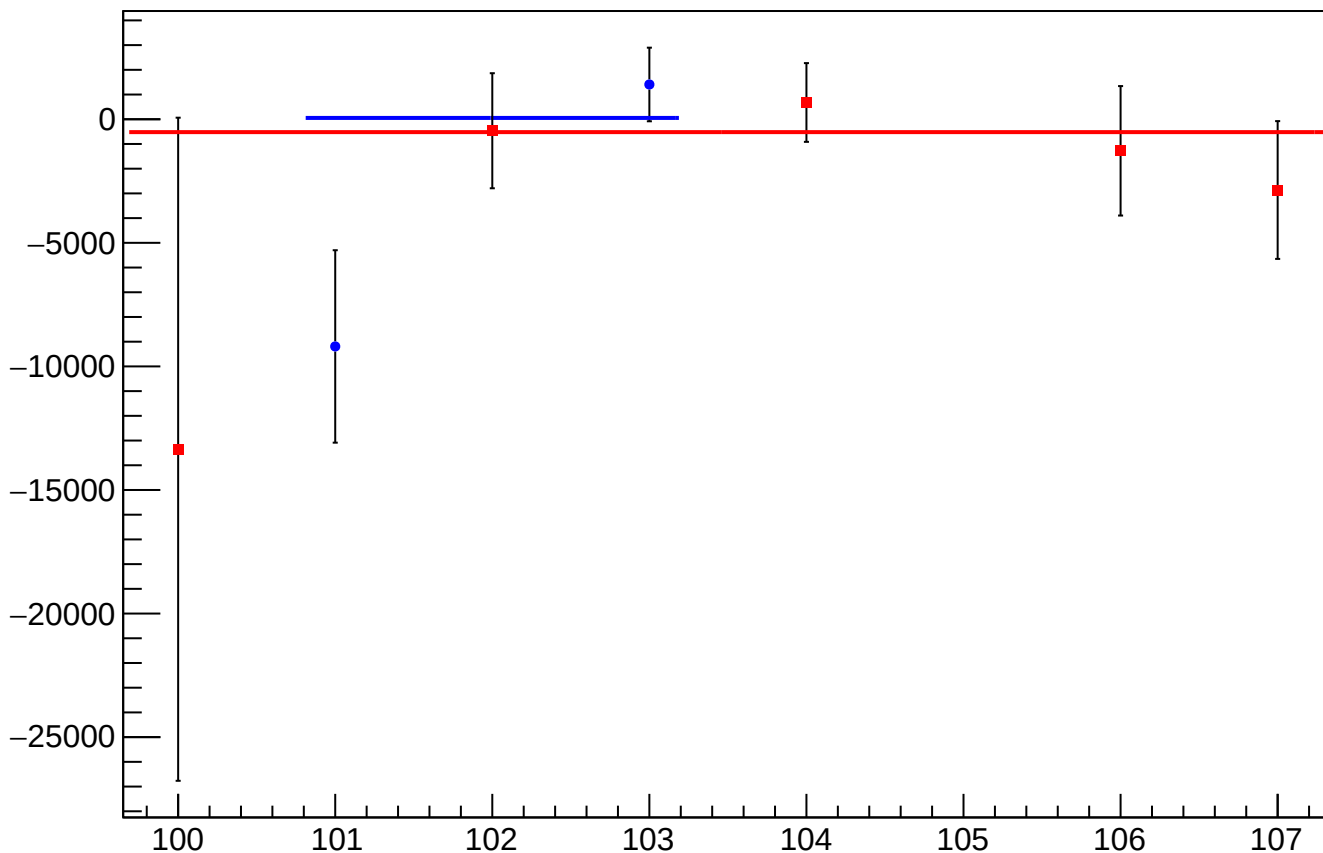
Right: 1272.010+/-0.538 χ^2 /NDF: 219812.2/6

In: 1252.801+/-0.821 χ^2 /NDF:167617.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1272.010+/-0.538 χ^2 /NDF: 219812.2/6

eigen_cor_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 53.772+/-1391.038 χ^2/NDF : 6.5/1

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

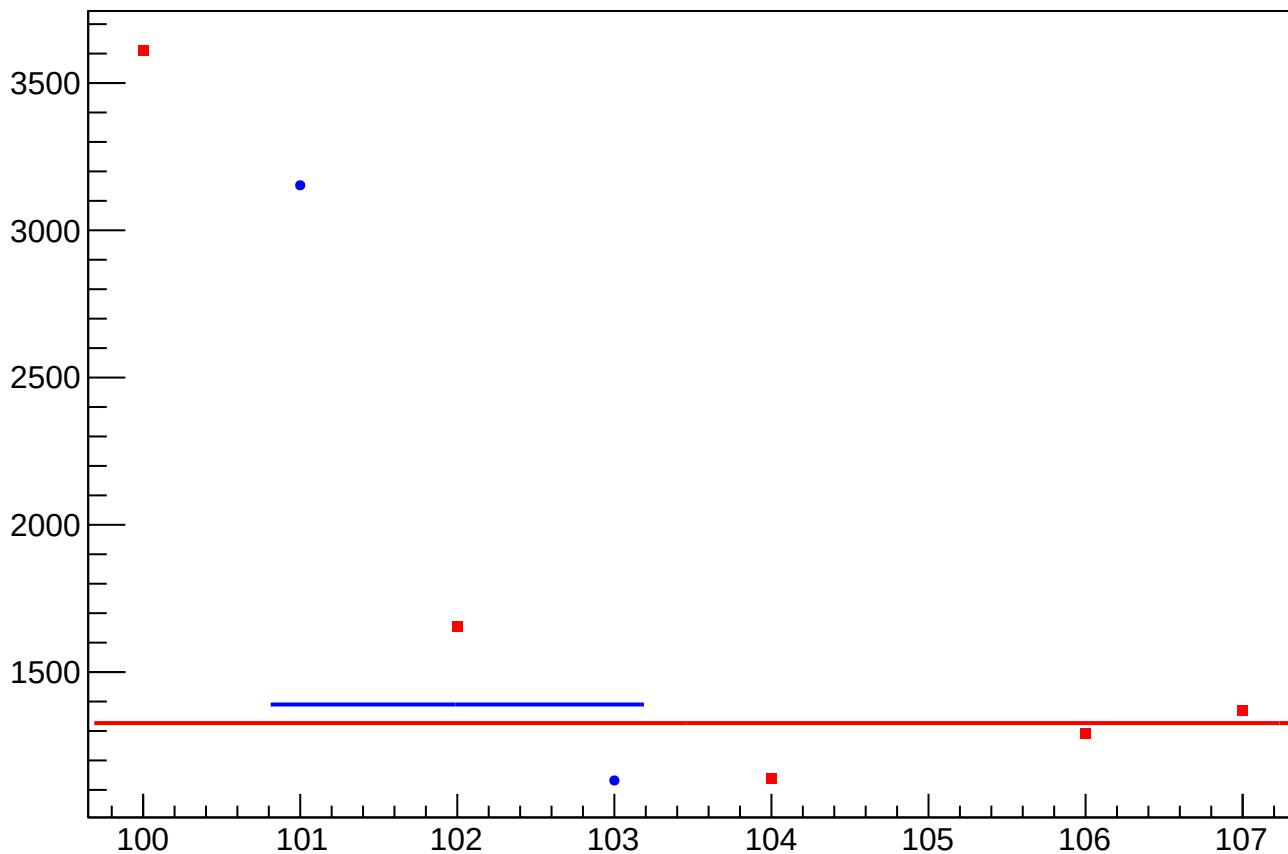
Right: -304.868+/-852.638 χ^2/NDF : 8.8/6

In: 53.772+/-1391.038 χ^2/NDF : 6.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -304.868+/-852.638 χ^2/NDF : 8.8/6

eigen_cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1389.930+/-0.984 χ^2/NDF : 470147.1/1

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

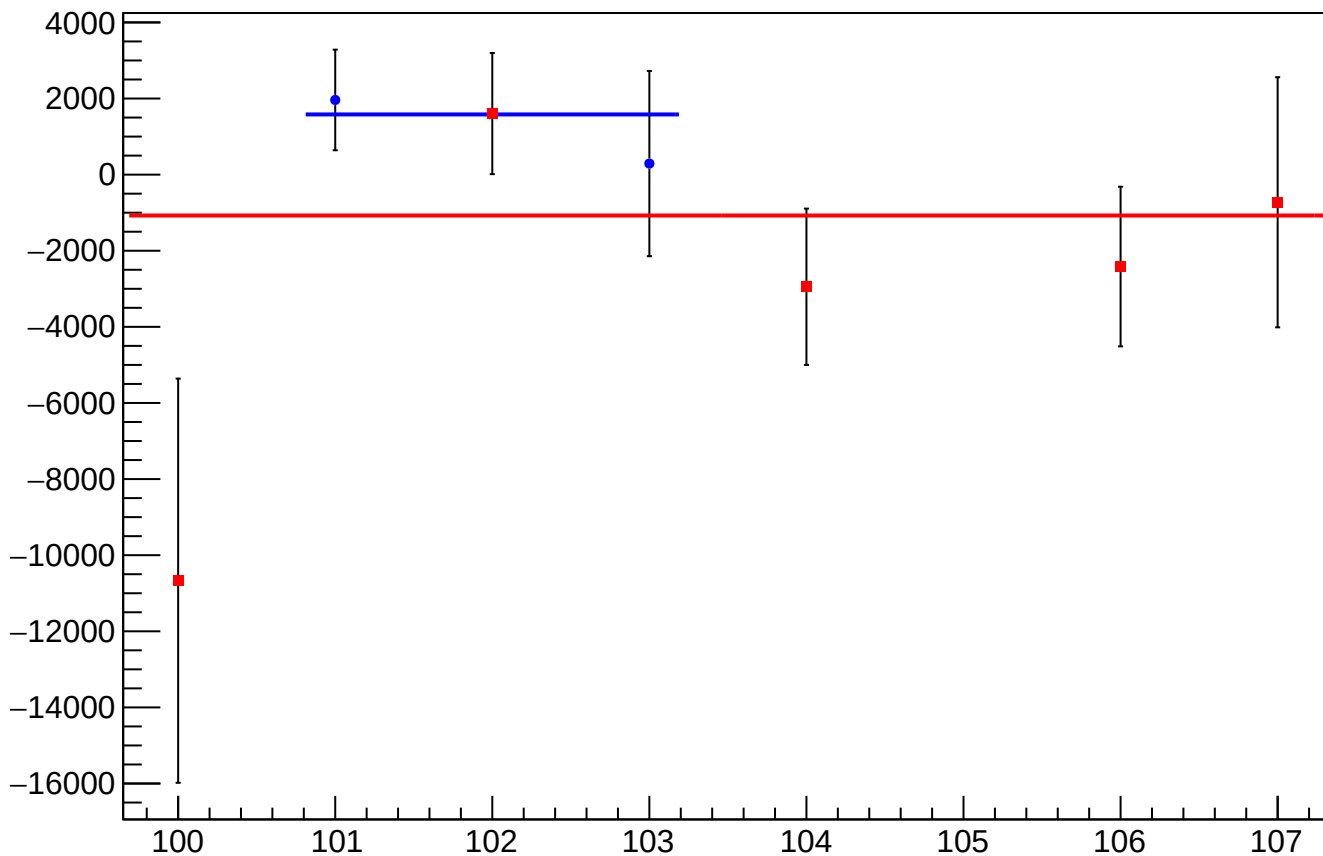
Right: 1350.591+/-0.603 χ^2/NDF : 598843.0/6

In: 1389.930+/-0.984 χ^2/NDF : 470147.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1350.591+/-0.603 χ^2/NDF : 598843.0/6

asym_atl_dd_atr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1581.860+/-1161.368 χ^2/NDF : 0.4/1

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

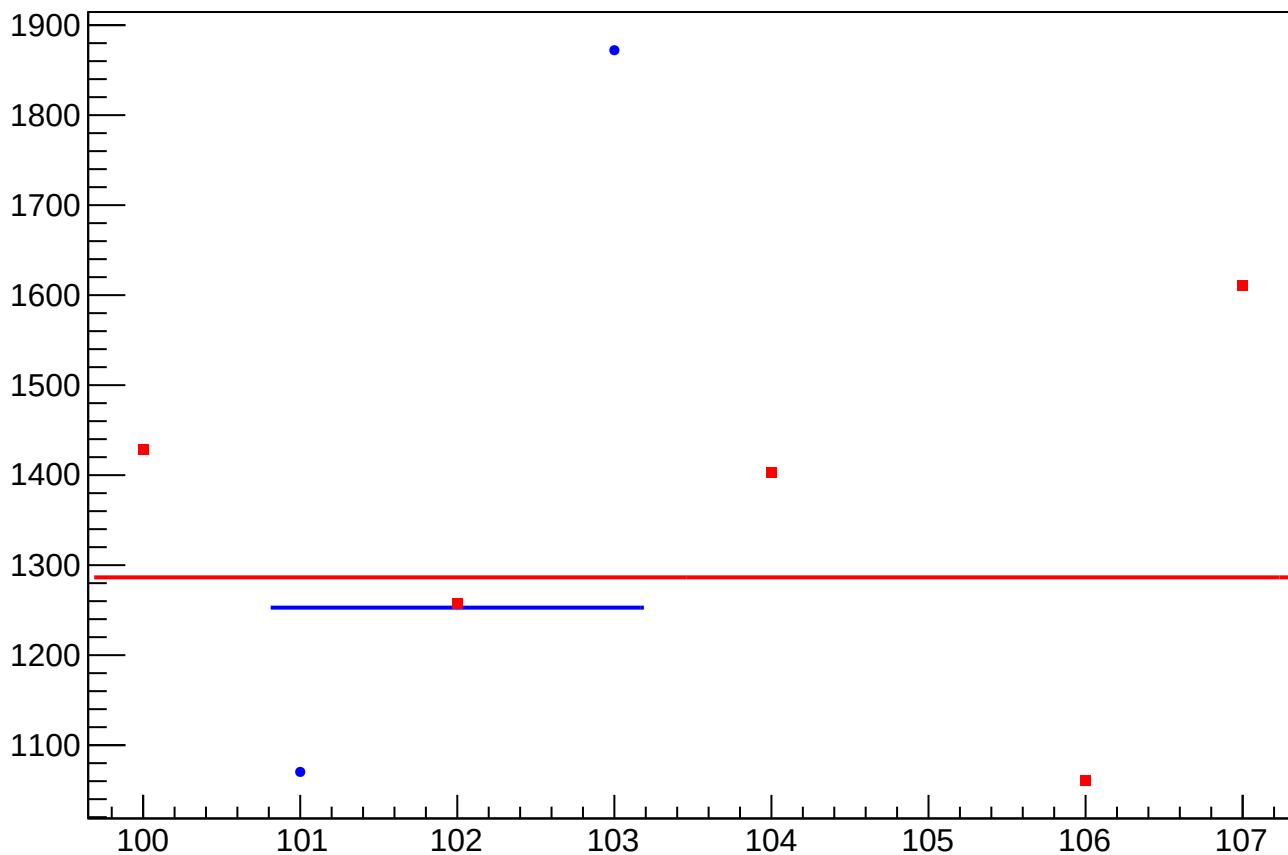
Right: 65.276+/-760.642 χ^2/NDF : 10.7/6

In: 1581.860+/-1161.368 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.276+/-760.642 χ^2/NDF : 10.7/6

asym_atl_dd_atr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1252.801+/-0.821 χ^2 /NDF: 167617.5/1

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

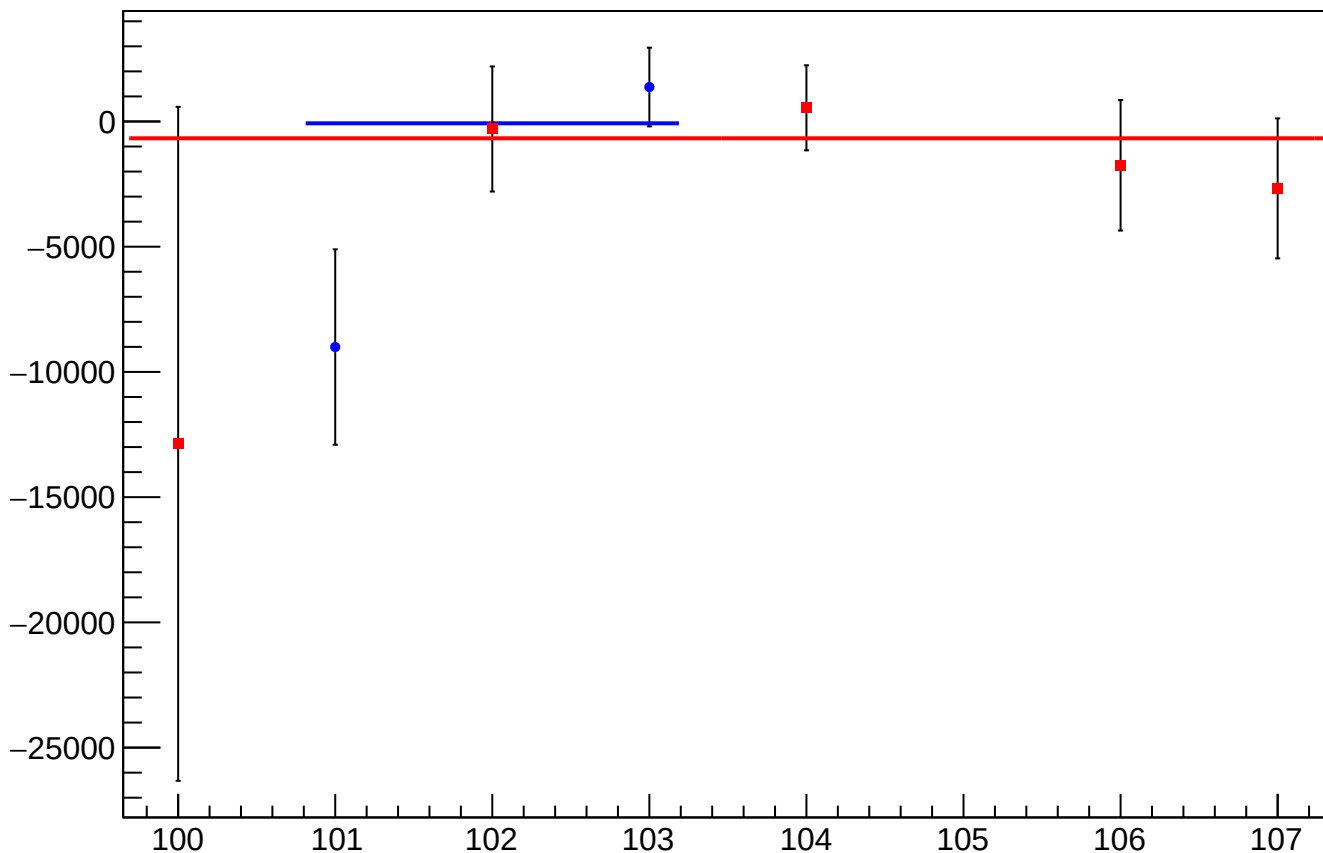
Right: 1272.010+/-0.538 χ^2 /NDF: 219812.2/6

In: 1252.801+/-0.821 χ^2 /NDF:167617.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1272.010+/-0.538 χ^2 /NDF: 219812.2/6

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -73.610+/-1457.490 χ^2/NDF : 6.1/1

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

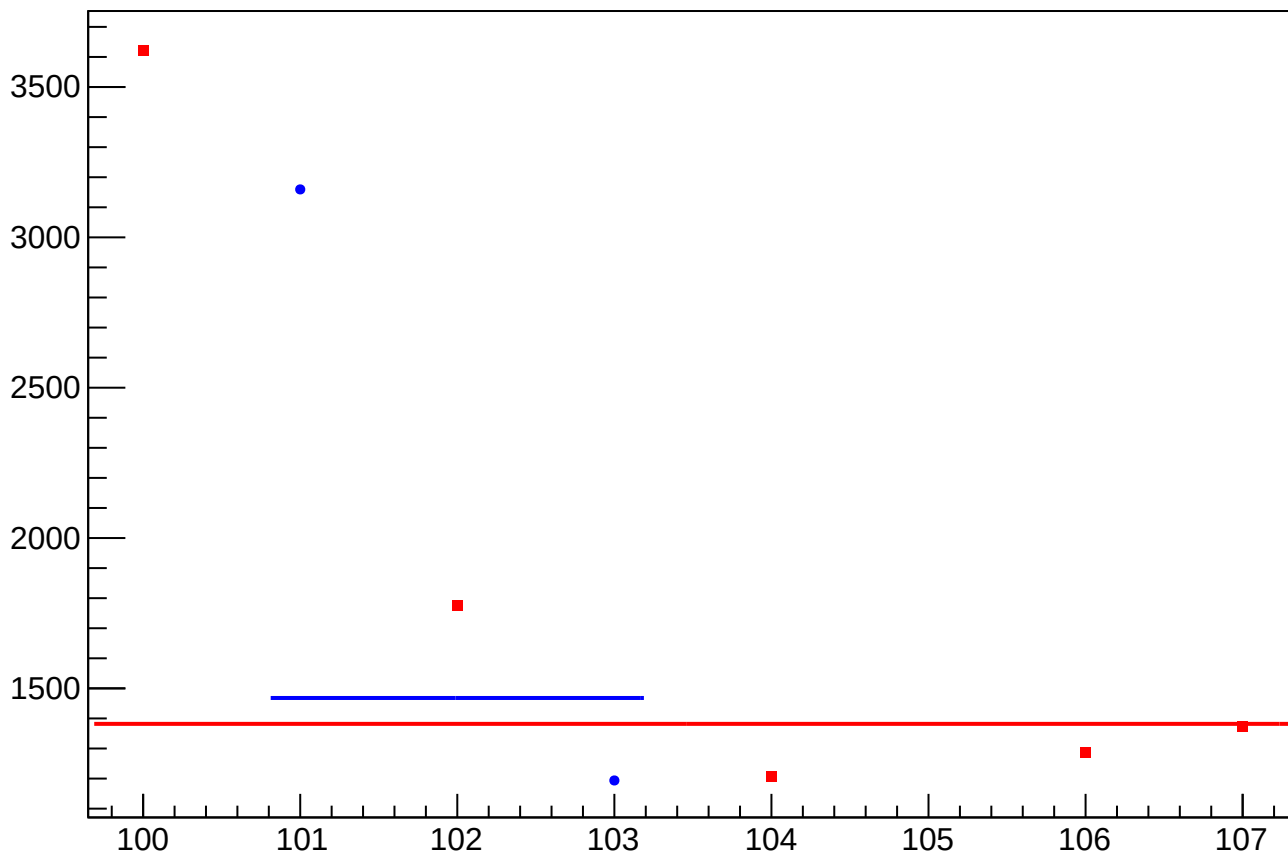
Right: -448.109+/-891.349 χ^2/NDF : 8.2/6

In: -73.610+/-1457.490 χ^2/NDF : 6.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -448.109+/-891.349 χ^2/NDF : 8.2/6

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1468.068+/-1.031 χ^2/NDF : 436902.2/1

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

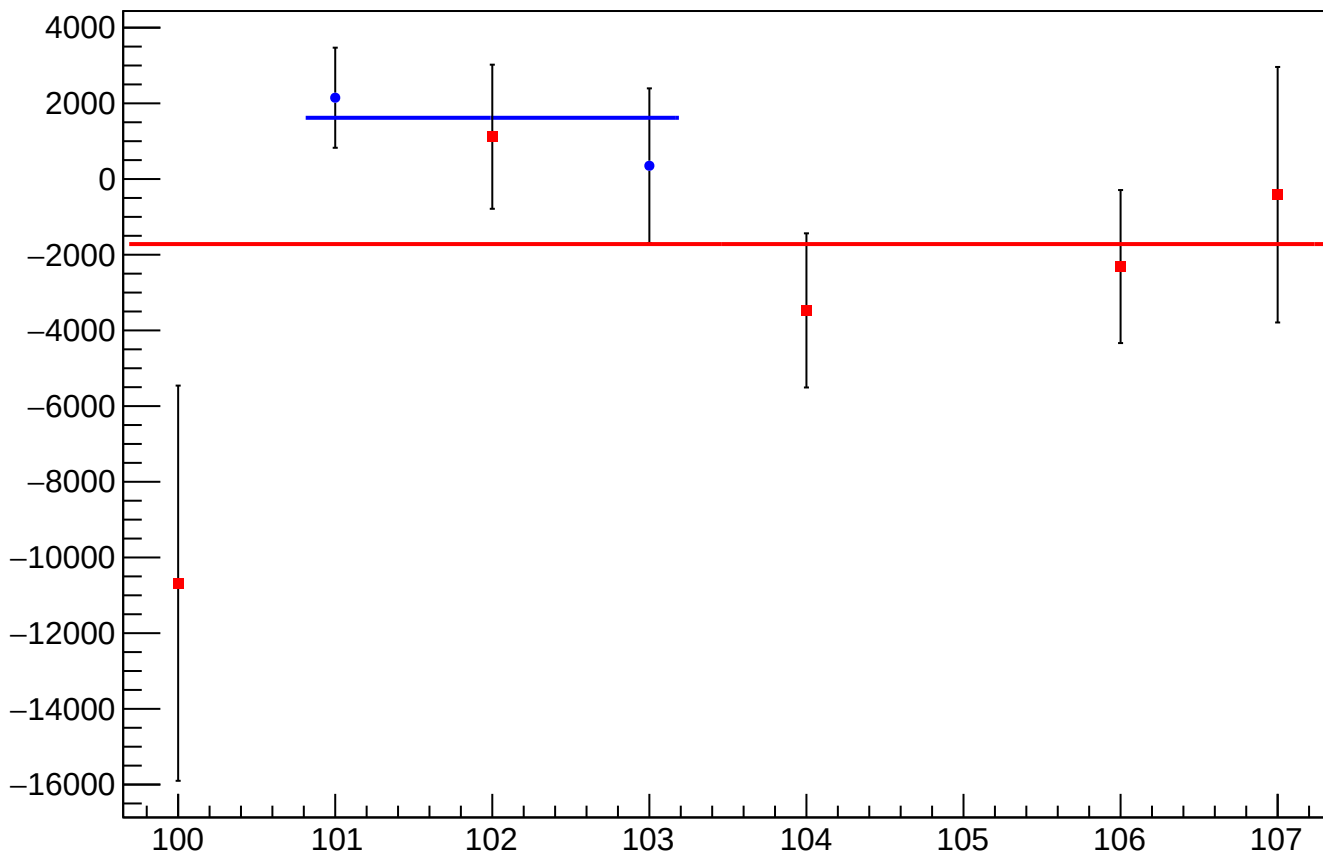
Right: 1414.164+/-0.630 χ^2/NDF : 570272.2/6

In: 1468.068+/-1.031 χ^2/NDF : 436902.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1414.164+/-0.630 χ^2/NDF : 570272.2/6

asym_atl_dd_atr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1618.392+/-1110.622 χ^2/NDF : 0.5/1

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

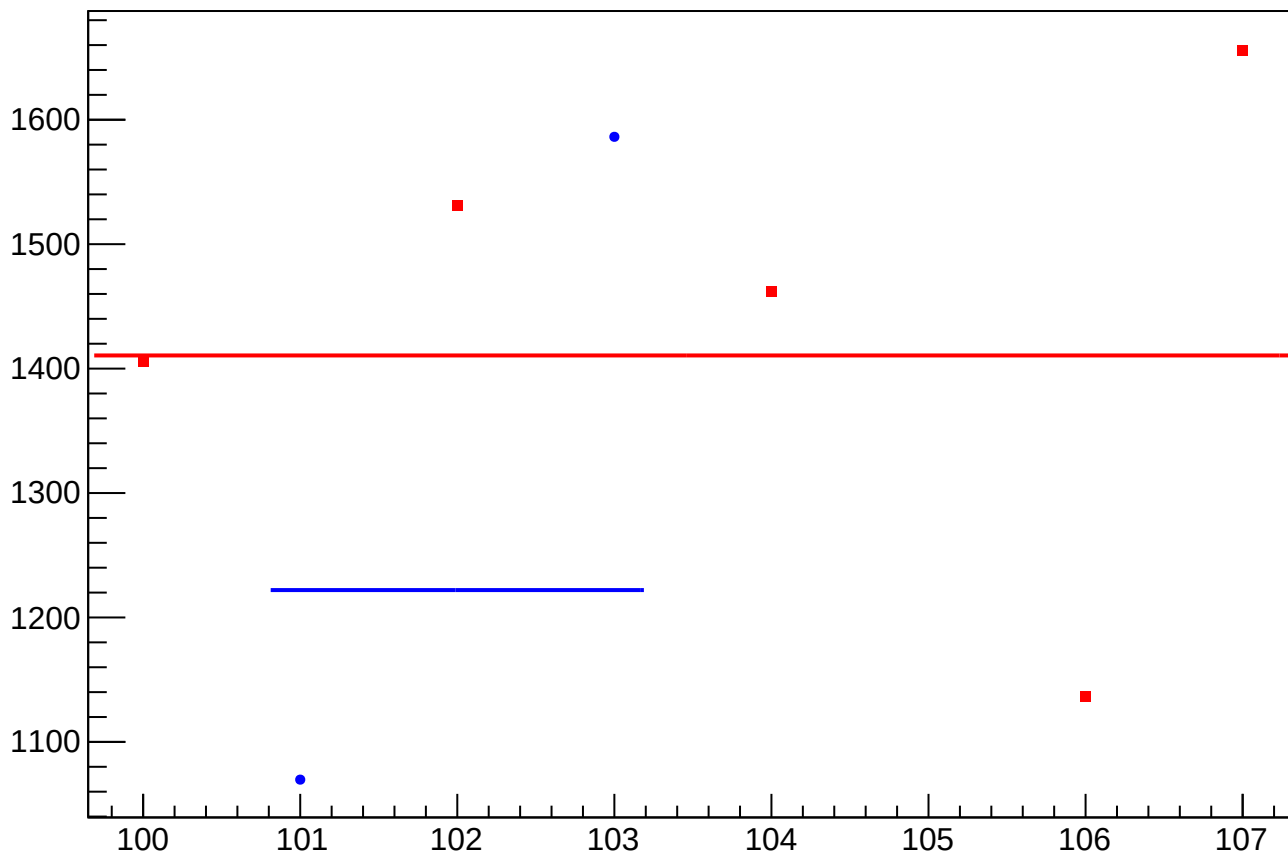
Right: -123.986+/-767.730 χ^2/NDF : 11.4/6

In: 1618.392+/-1110.622 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -123.986+/-767.730 χ^2/NDF : 11.4/6

asym_atl_dd_atr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1222.018+/-0.785 χ^2/NDF : 89975.1/1

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

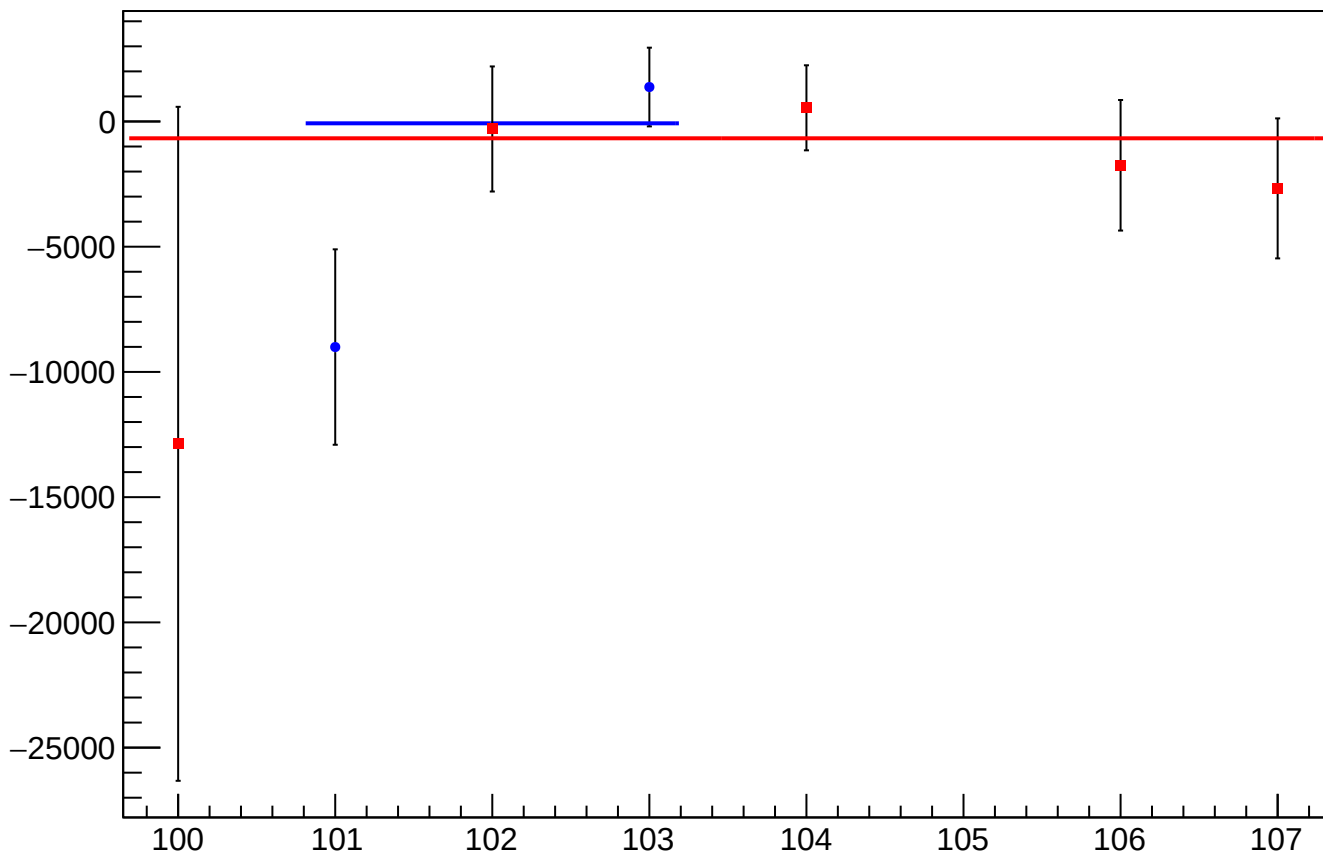
Right: 1320.473+/-0.543 χ^2/NDF : 176661.4/6

In: 1222.018+/-0.785 χ^2/NDF : 89975.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1320.473+/-0.543 χ^2/NDF : 176661.4/6

eigen_dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -73.616 $\pm$ 1457.489 χ^2 /NDF: 6.1/1

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

Right Out: -671.862 $\pm$ 1126.587 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

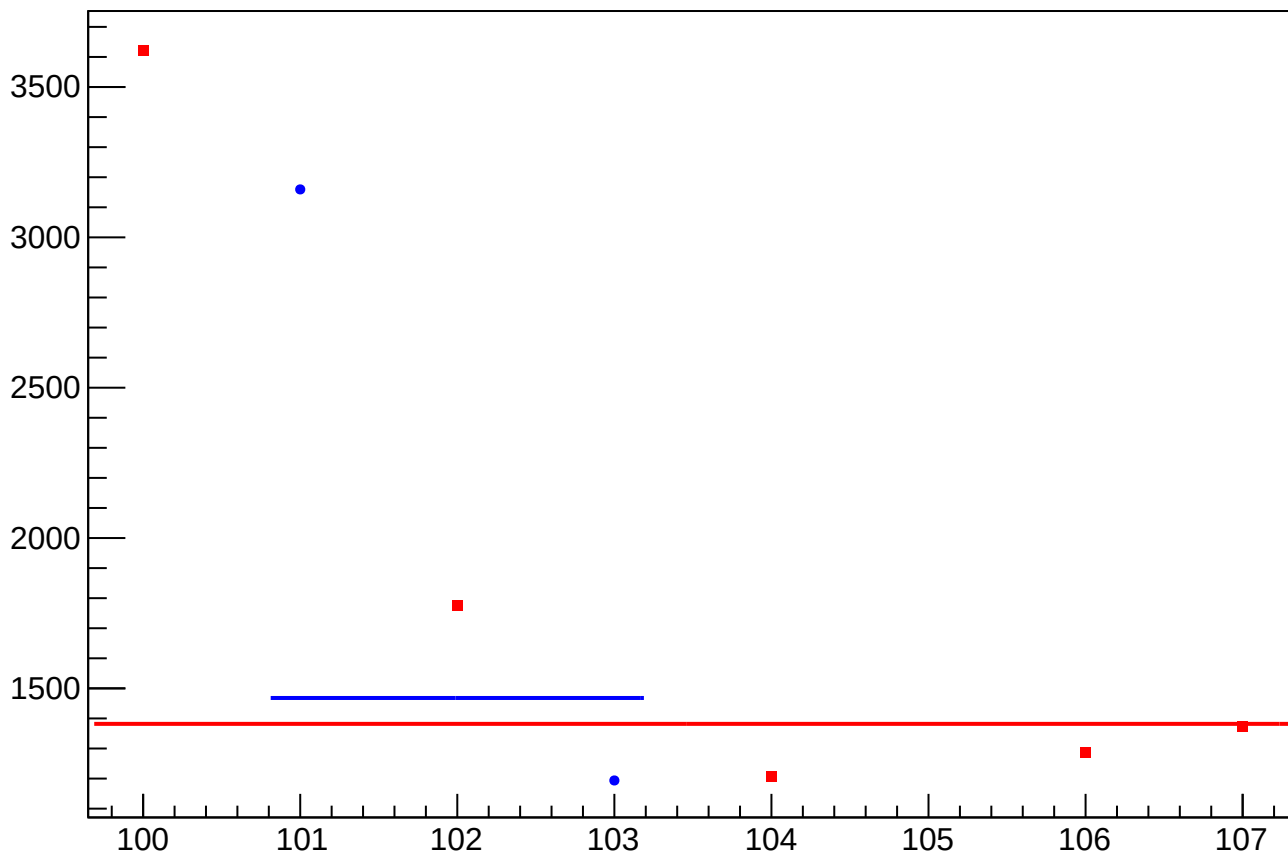
Right: -448.111 $\pm$ 891.349 χ^2 /NDF: 8.2/6

In: -73.616 $\pm$ 1457.489 χ^2 /NDF:6.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -448.111 $\pm$ 891.349 χ^2 /NDF: 8.2/6

eigen_dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1468.067+/-1.031 χ^2/NDF : 436902.7/1

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

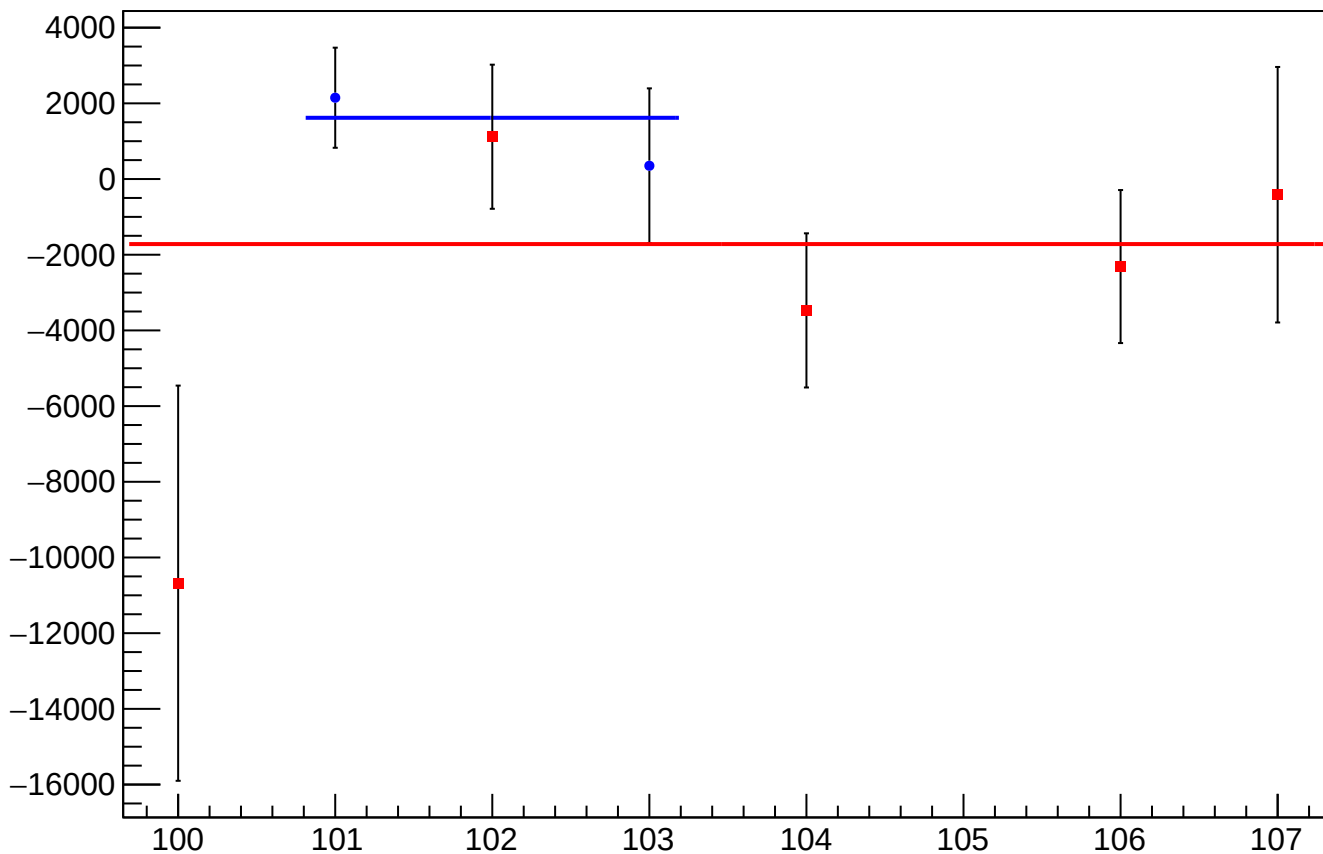
Right: 1414.163+/-0.630 χ^2/NDF : 570272.7/6

In: 1468.067+/-1.031 χ^2/NDF : 436902.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1414.163+/-0.630 χ^2/NDF : 570272.7/6

asym_atl_dd_atr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1618.386+/-1110.617 χ^2 /NDF: 0.5/1

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

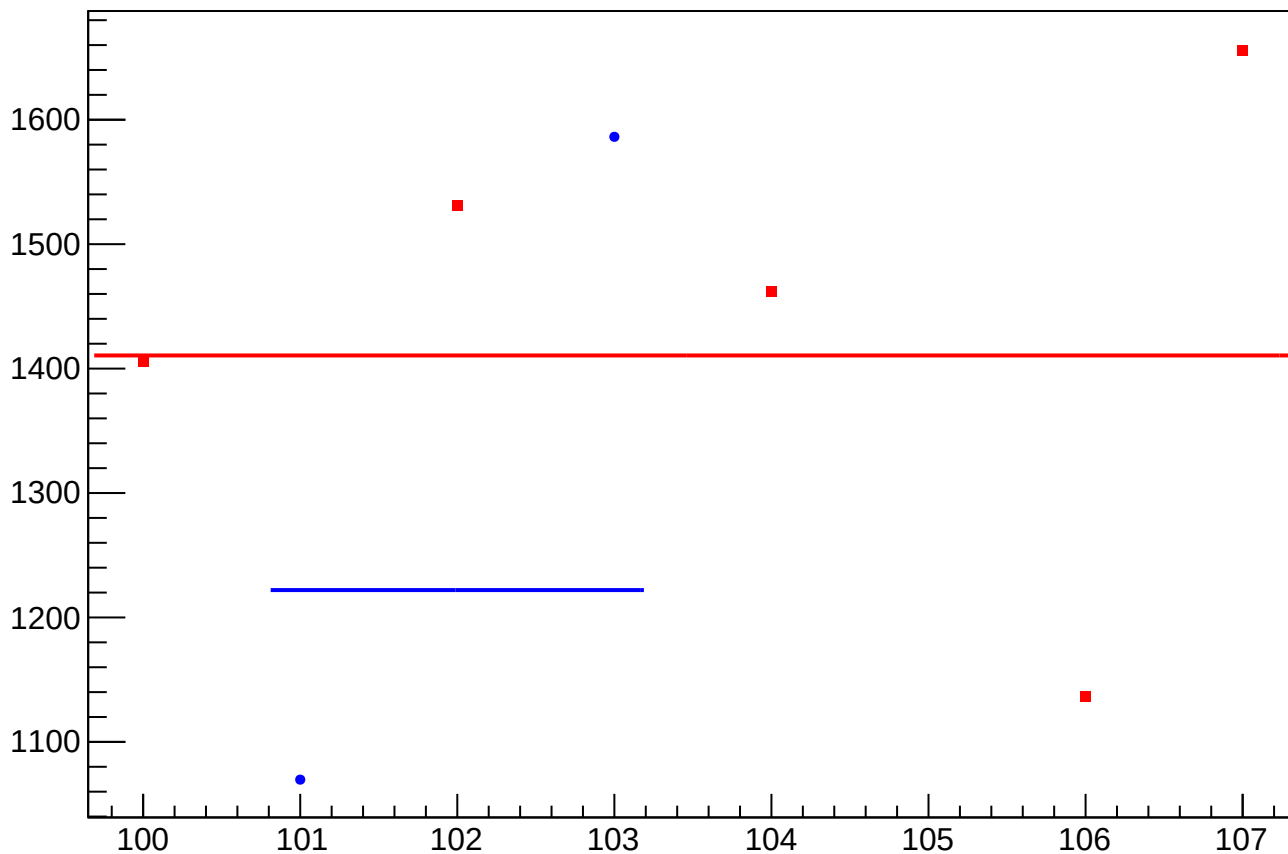
Right: -123.984+/-767.728 χ^2 /NDF: 11.4/6

In: 1618.386+/-1110.617 χ^2 /NDF:0.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -123.984+/-767.728 χ^2 /NDF: 11.4/6

asym_atl_dd_atr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1222.011+/-0.785 χ^2/NDF : 89979.5/1

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

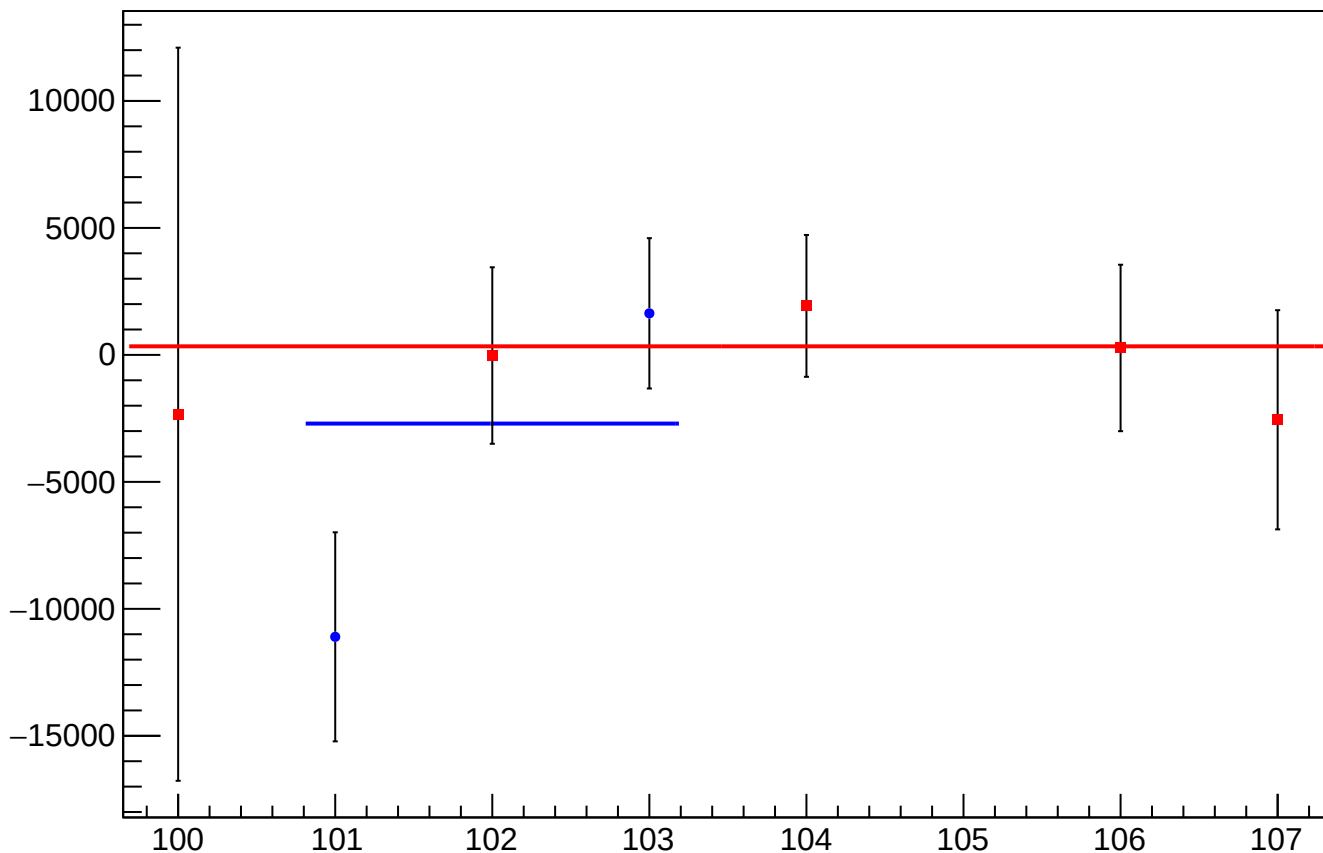
Right: 1320.469+/-0.543 χ^2/NDF : 176670.7/6

In: 1222.011+/-0.785 χ^2/NDF : 89979.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1320.469+/-0.543 χ^2/NDF : 176670.7/6

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -2704.555+/-2403.097 χ^2/NDF : 6.3/1

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

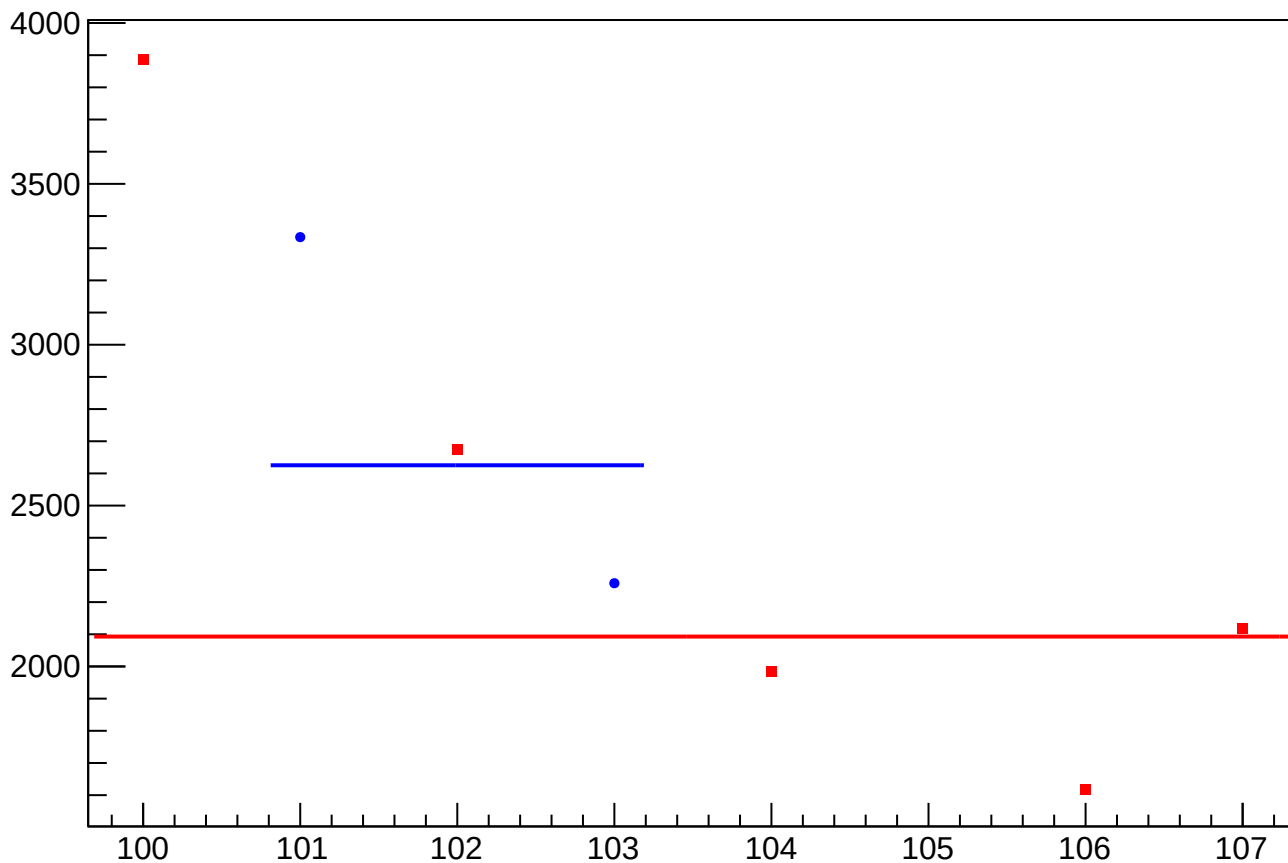
Right: -645.659+/-1366.215 χ^2/NDF : 8.2/6

In: -2704.555+/-2403.097 χ^2/NDF : 6.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -645.659+/-1366.215 χ^2/NDF : 8.2/6

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2625.327+/-1.699 χ^2/NDF : 90043.1/1

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

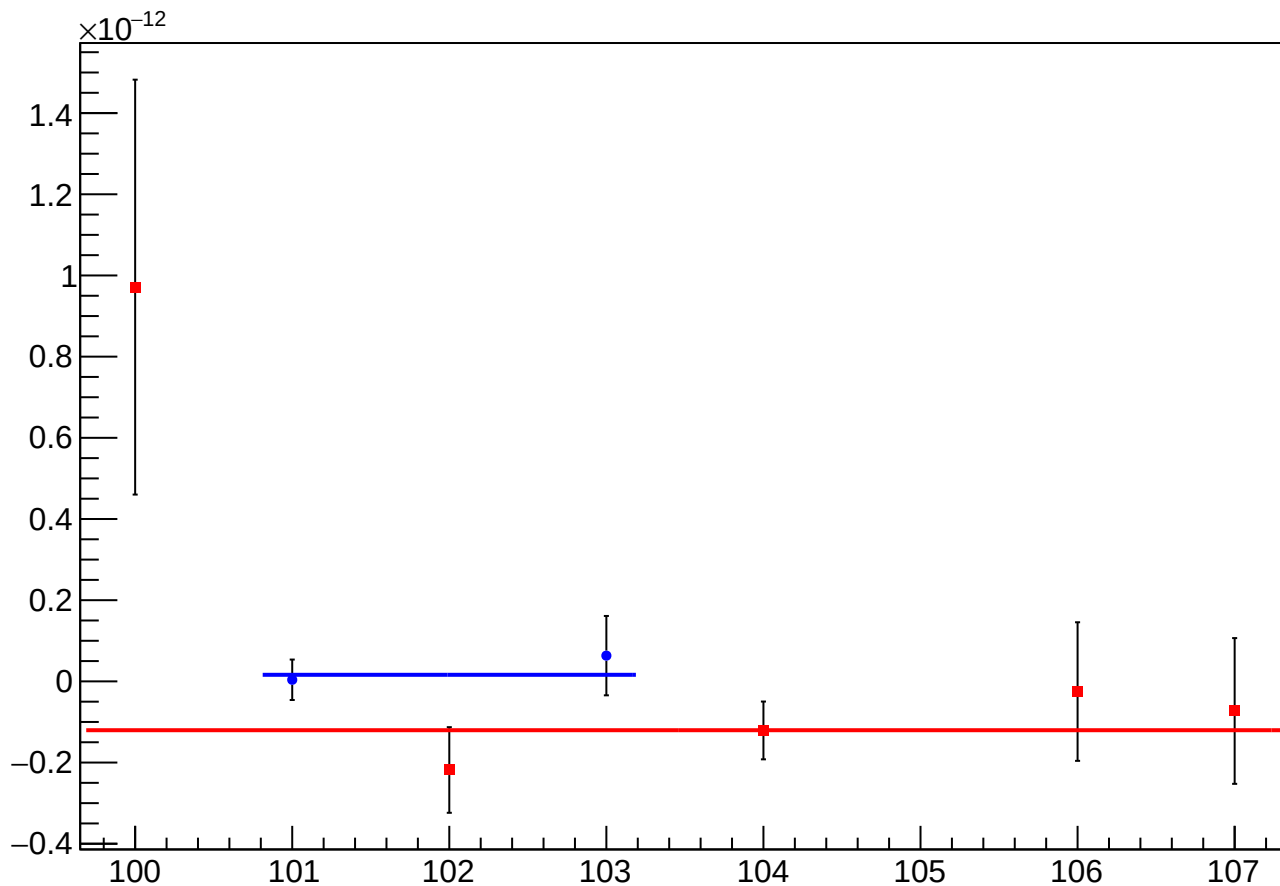
Right: 2264.984+/-0.966 χ^2/NDF : 288245.6/6

In: 2625.327+/-1.699 χ^2/NDF : 90043.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2264.984+/-0.966 χ^2/NDF : 288245.6/6

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.3/1

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

Right Out: -0.000 $\pm$ 0.000 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

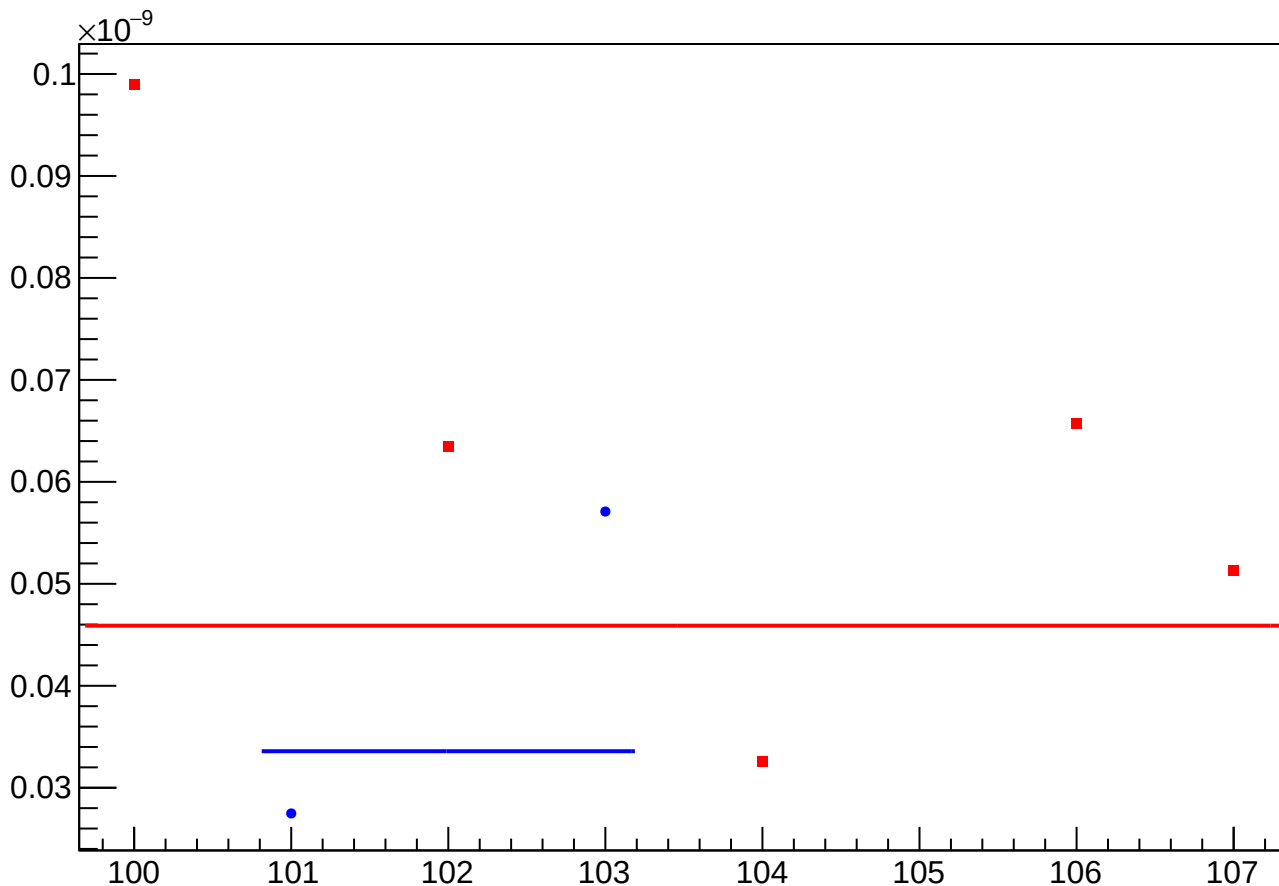
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.0/6

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.3/1

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.0/6

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 145653.7/1

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

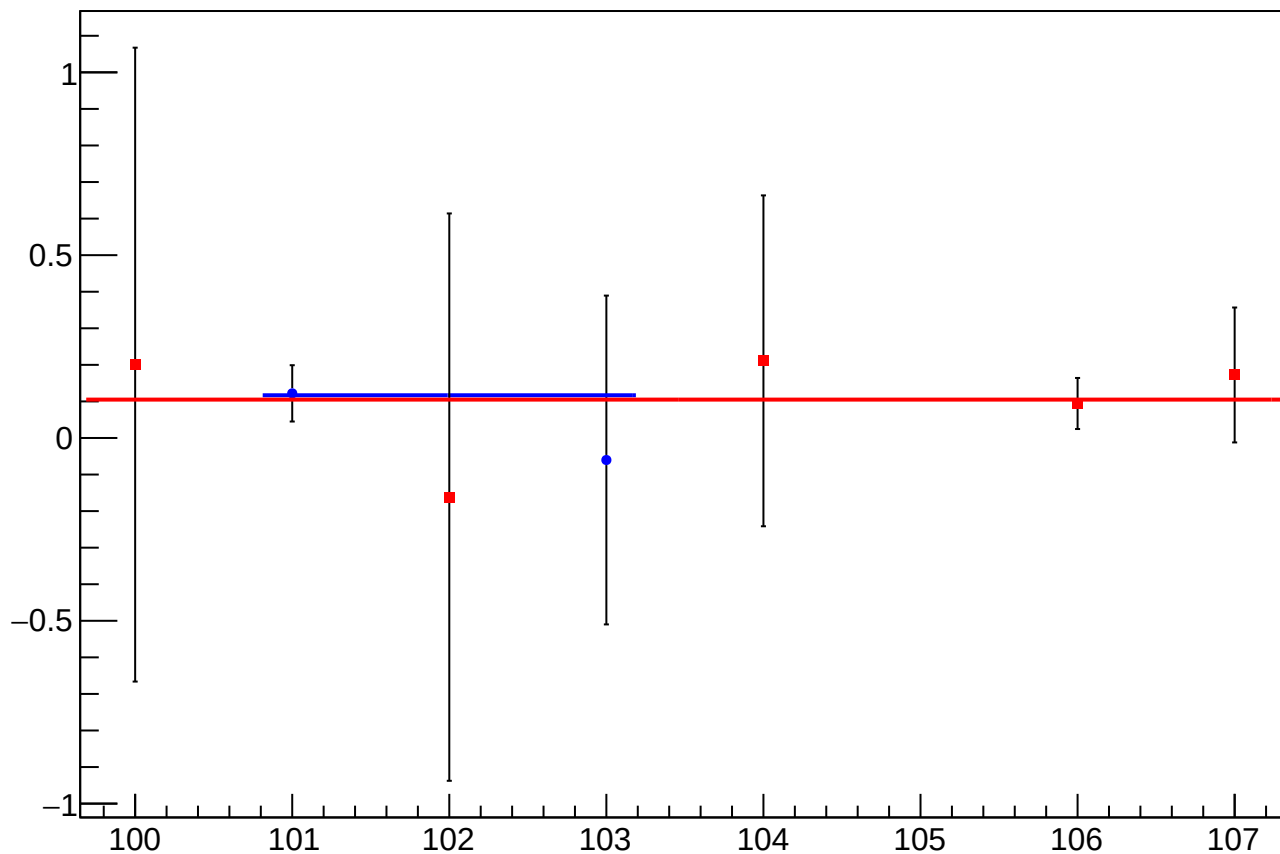
Right: 0.000+/-0.000 χ^2/NDF : 384792.8/6

In: 0.000+/-0.000 χ^2/NDF : 145653.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 384792.8/6

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.117 $\pm$ 0.076 χ^2 /NDF: 0.2/1

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

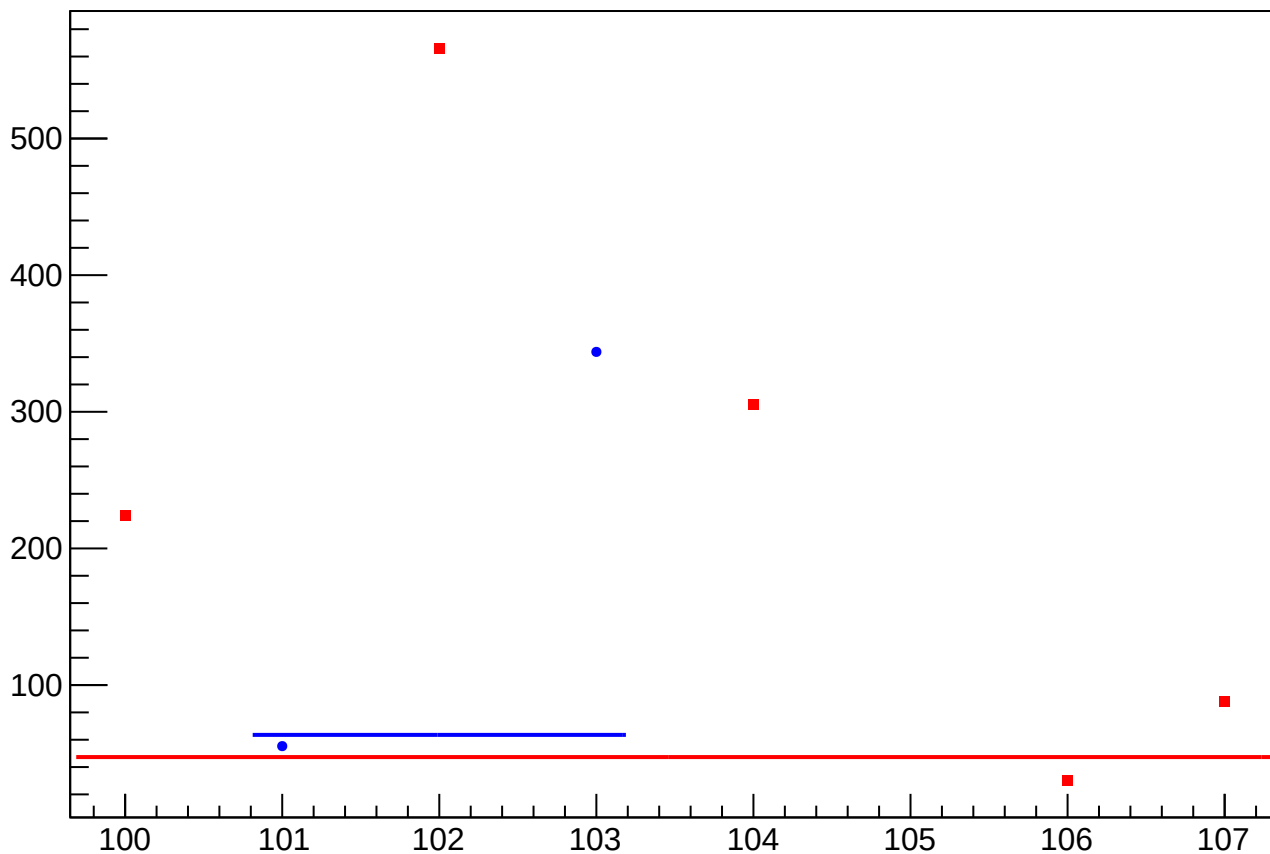
Right: 0.110 $\pm$ 0.049 χ^2 /NDF: 0.5/6

In: 0.117 $\pm$ 0.076 χ^2 /NDF:0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.110 $\pm$ 0.049 χ^2 /NDF: 0.5/6

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.547+/-0.054 χ^2/NDF : 799974.9/1

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

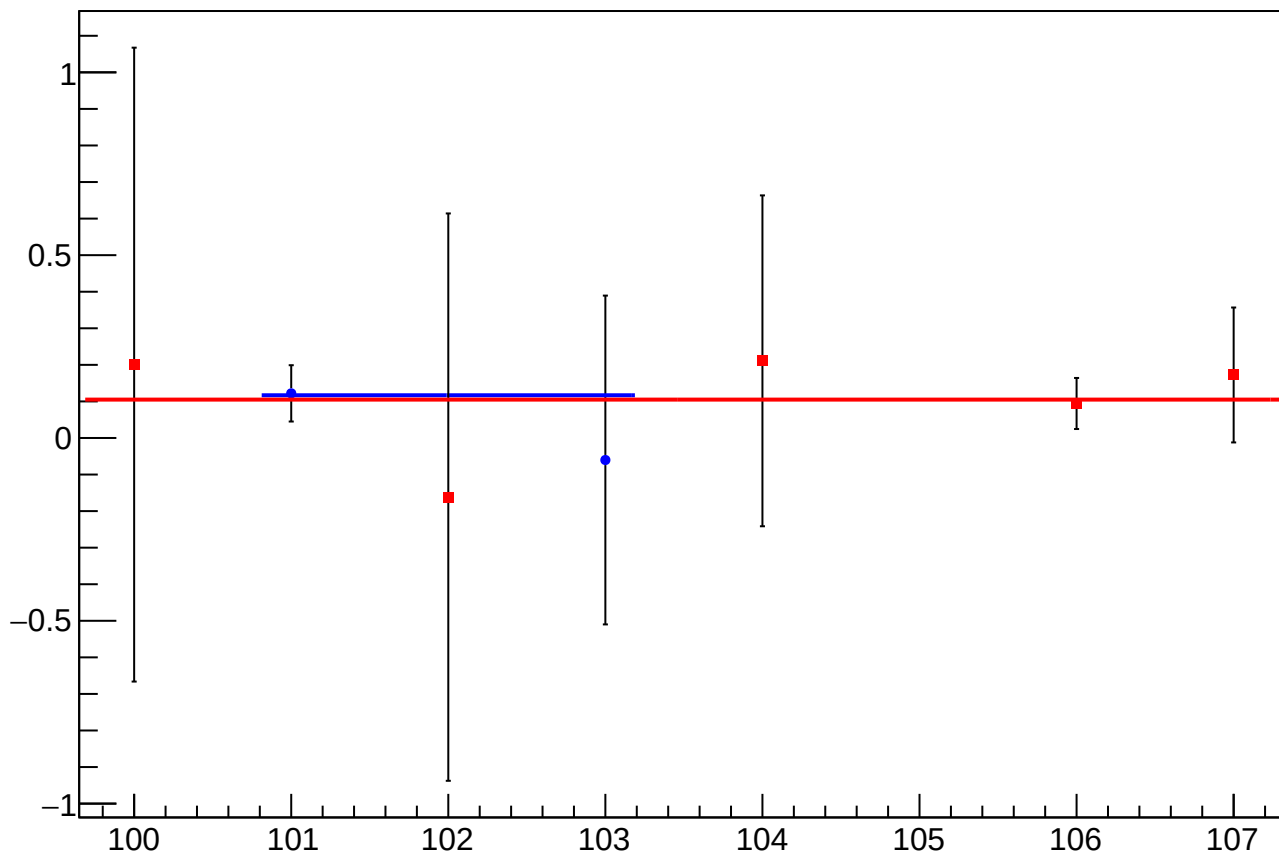
Right: 54.088+/-0.035 χ^2/NDF : 2702492.1/6

In: 63.547+/-0.054 χ^2/NDF : 799974.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.088+/-0.035 χ^2/NDF : 2702492.1/6

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.117 $\pm$ 0.076 χ^2 /NDF: 0.2/1

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

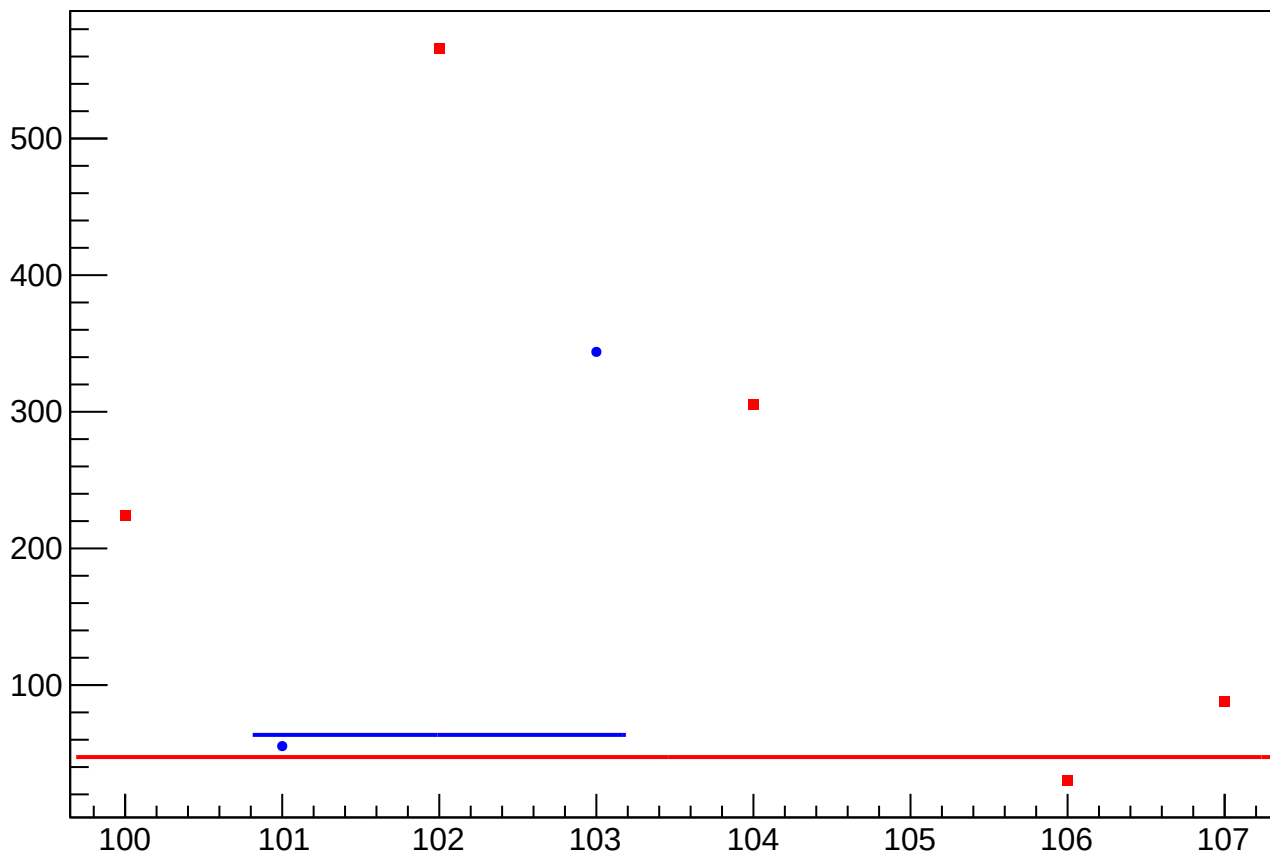
Right: 0.110 $\pm$ 0.049 χ^2 /NDF: 0.5/6

In: 0.117 $\pm$ 0.076 χ^2 /NDF: 0.2/1

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

All: 0.110 $\pm$ 0.049 χ^2 /NDF: 0.5/6

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.547+/-0.054 χ^2/NDF : 799974.9/1

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

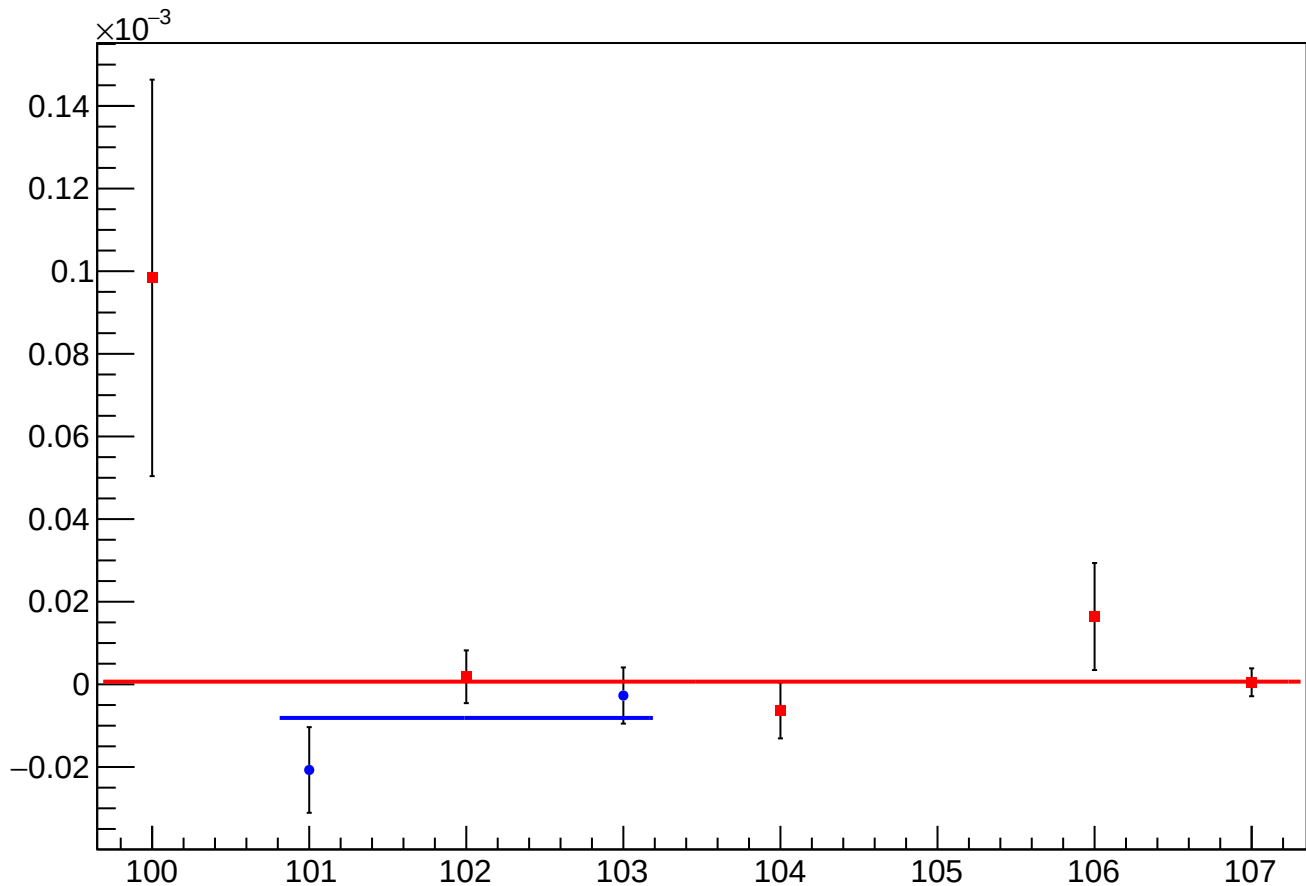
Right: 54.088+/-0.035 χ^2/NDF : 2702492.1/6

In: 63.547+/-0.054 χ^2/NDF : 799974.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.088+/-0.035 χ^2/NDF : 2702492.1/6

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: 2.1/1

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

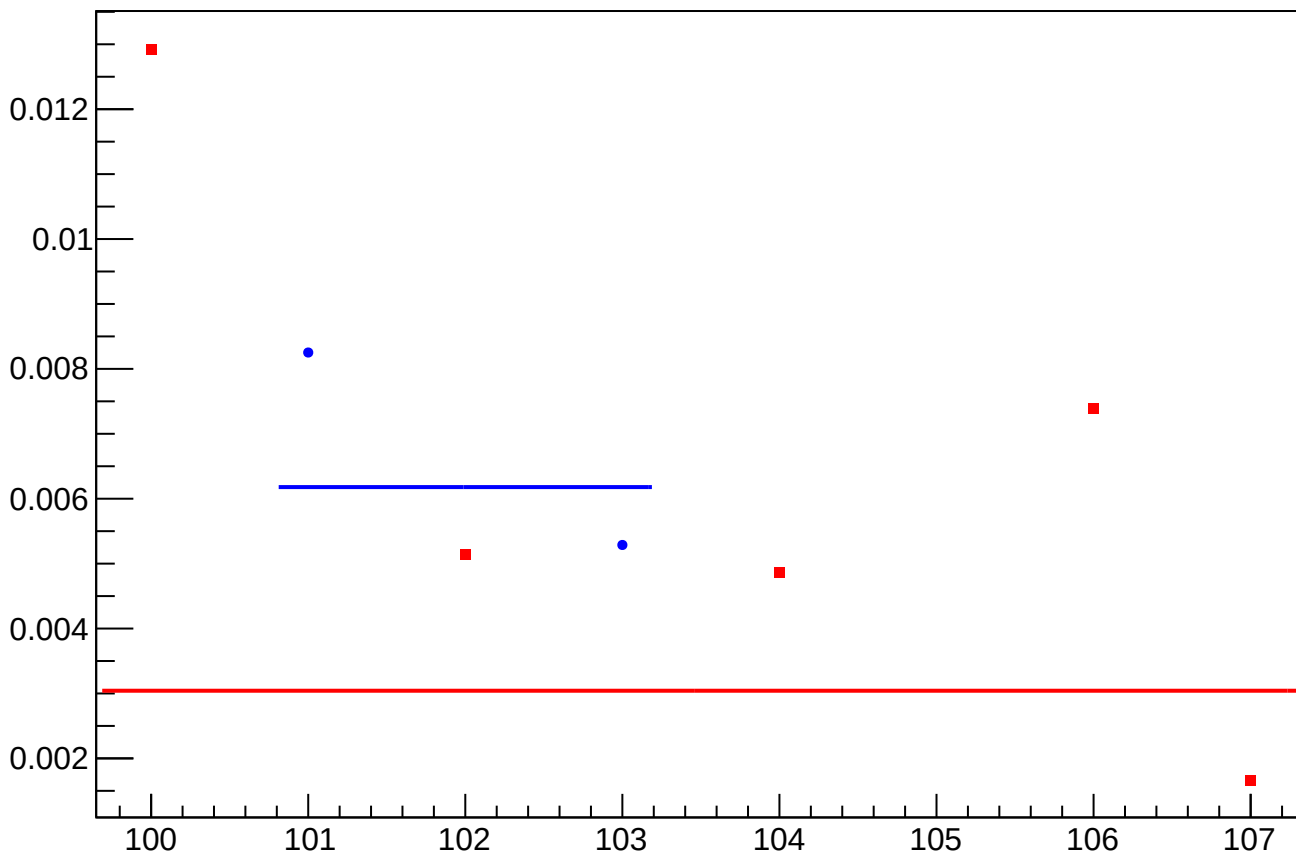
Right: -0.000+/-0.000 χ^2 /NDF: 10.8/6

In: -0.000+/-0.000 χ^2 /NDF:2.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 10.8/6

asym_atl_dd_atr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 114384.1/1

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

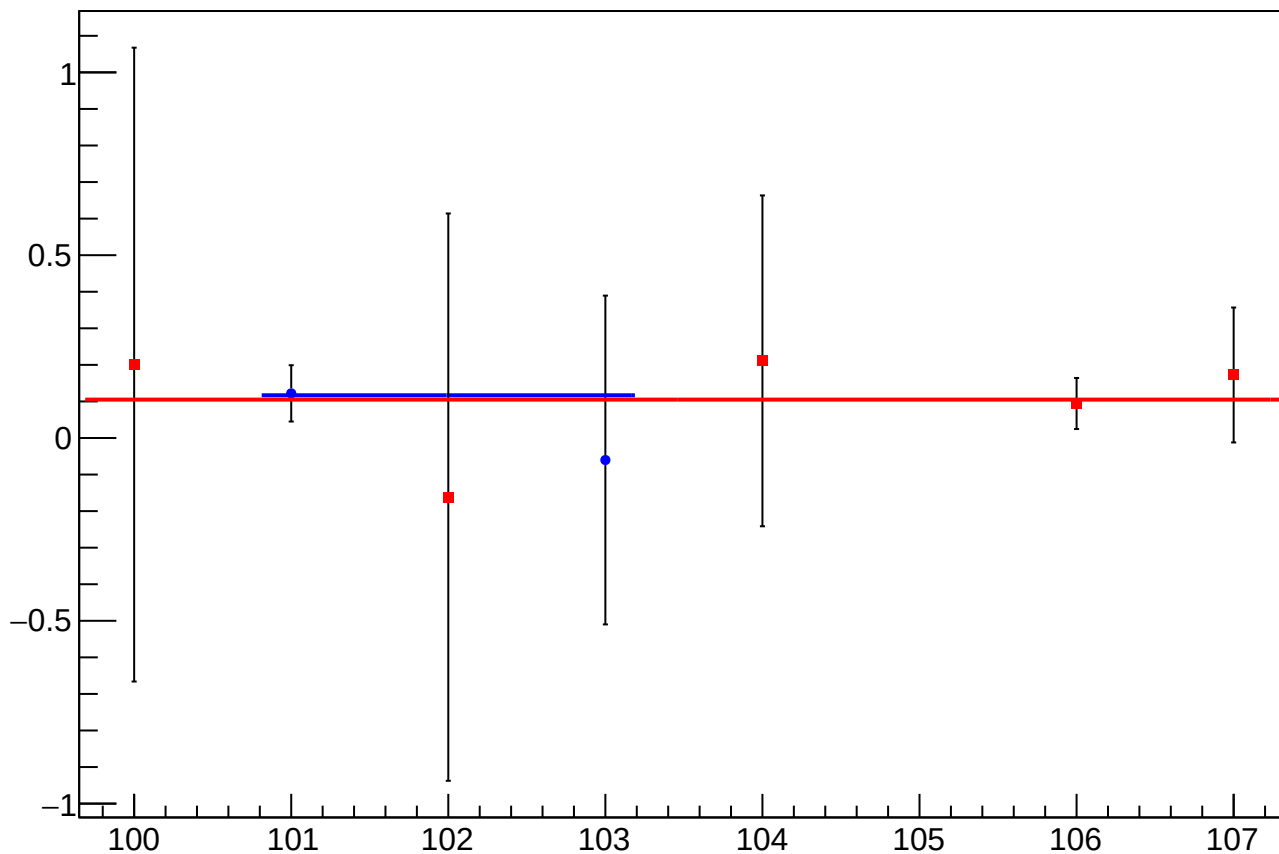
Right: 0.004+/-0.000 χ^2/NDF : 1620286.0/6

In: 0.006+/-0.000 χ^2/NDF : 114384.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 1620286.0/6

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.117 $\pm$ 0.076 χ^2 /NDF: 0.2/1

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

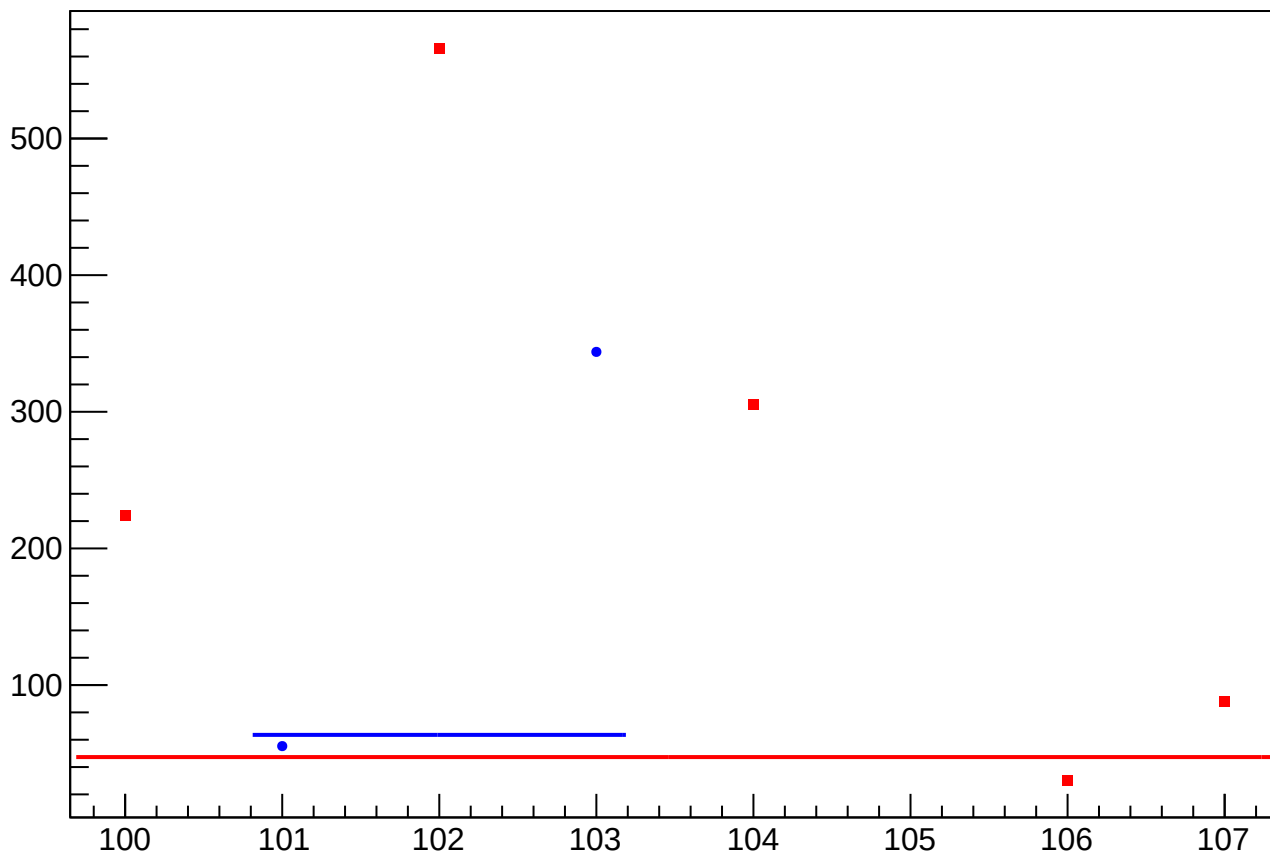
Right: 0.110 $\pm$ 0.049 χ^2 /NDF: 0.5/6

In: 0.117 $\pm$ 0.076 χ^2 /NDF:0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.110 $\pm$ 0.049 χ^2 /NDF: 0.5/6

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.552+/-0.054 χ^2/NDF : 799946.8/1

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

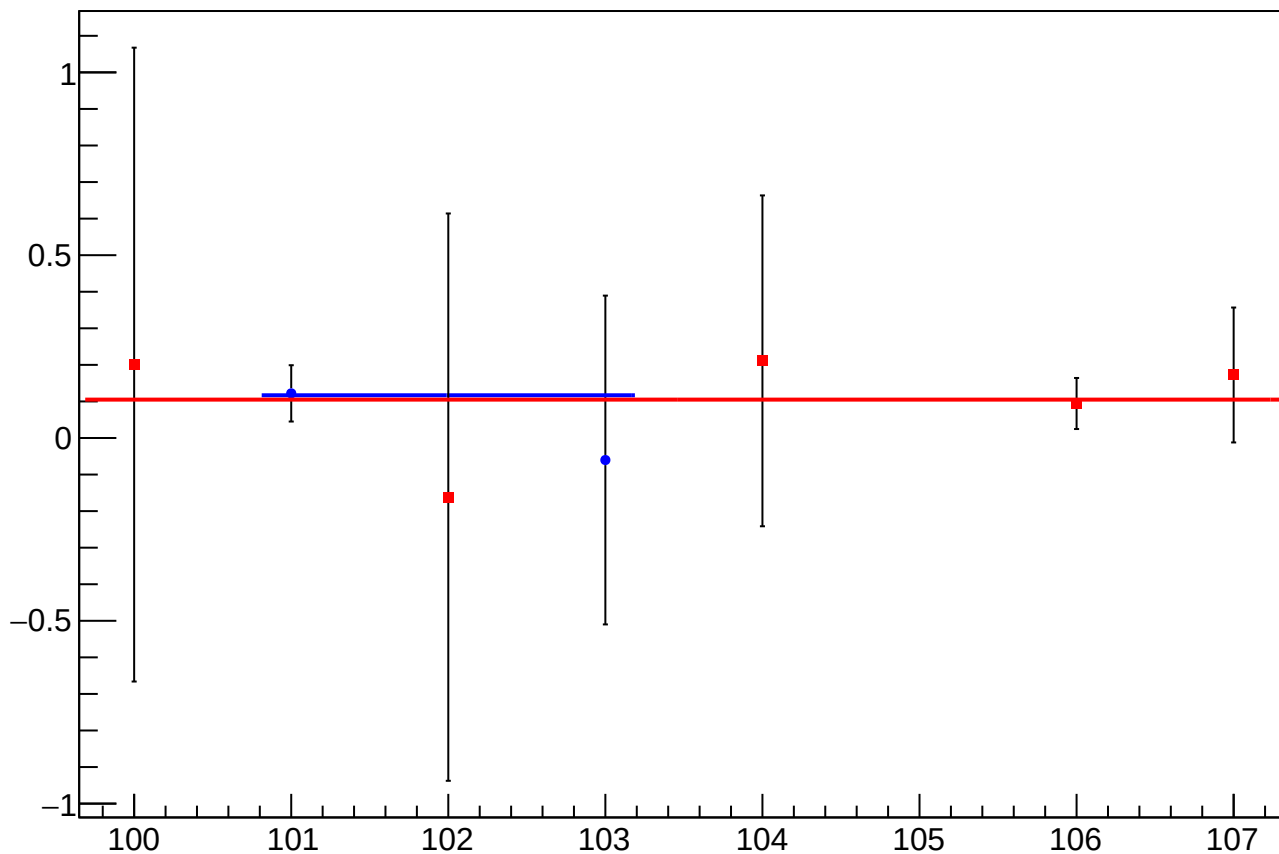
Right: 54.085+/-0.035 χ^2/NDF : 2702630.3/6

In: 63.552+/-0.054 χ^2/NDF : 799946.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.085+/-0.035 χ^2/NDF : 2702630.3/6

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.117 $\pm$ 0.076 χ^2 /NDF: 0.2/1

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

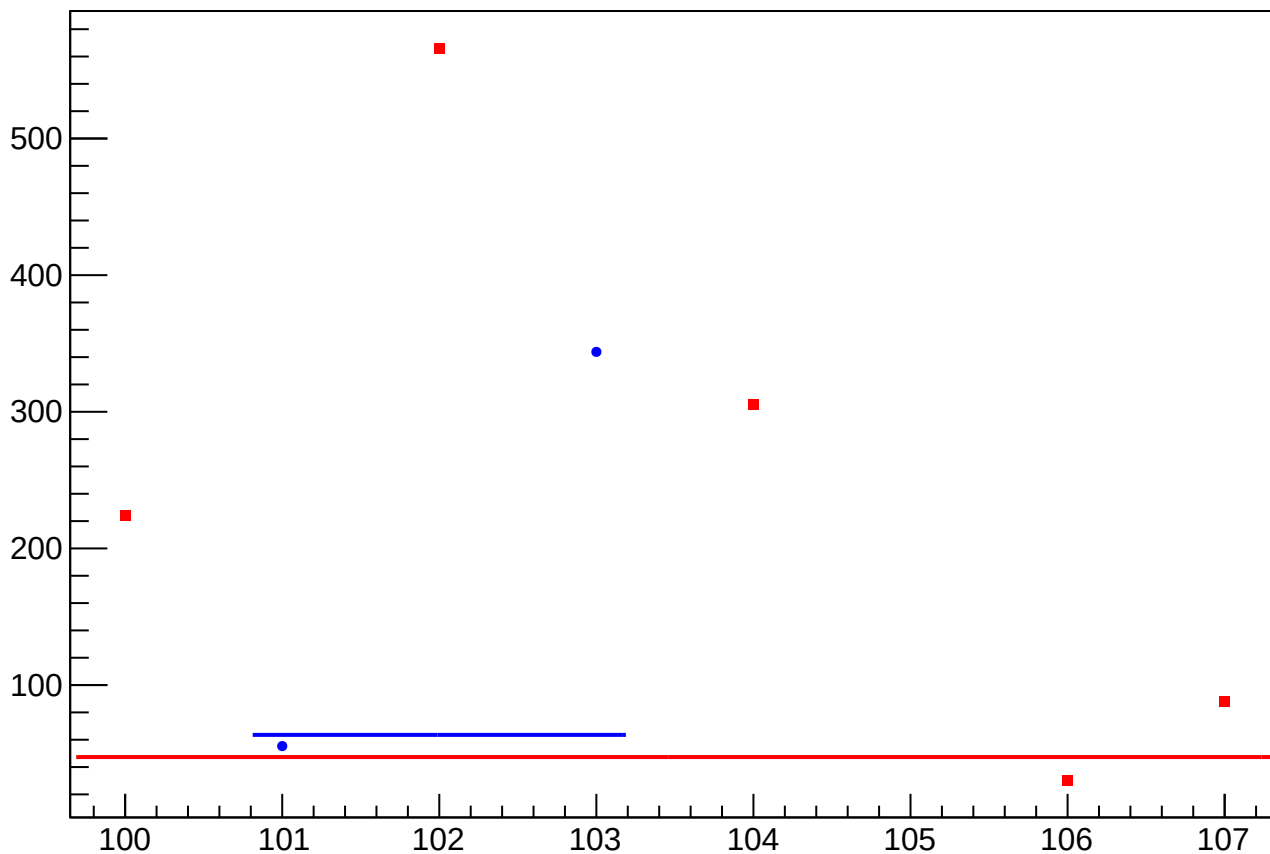
Right: 0.110 $\pm$ 0.049 χ^2 /NDF: 0.5/6

In: 0.117 $\pm$ 0.076 χ^2 /NDF:0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.110 $\pm$ 0.049 χ^2 /NDF: 0.5/6

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.552+/-0.054 χ^2/NDF : 799946.8/1

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

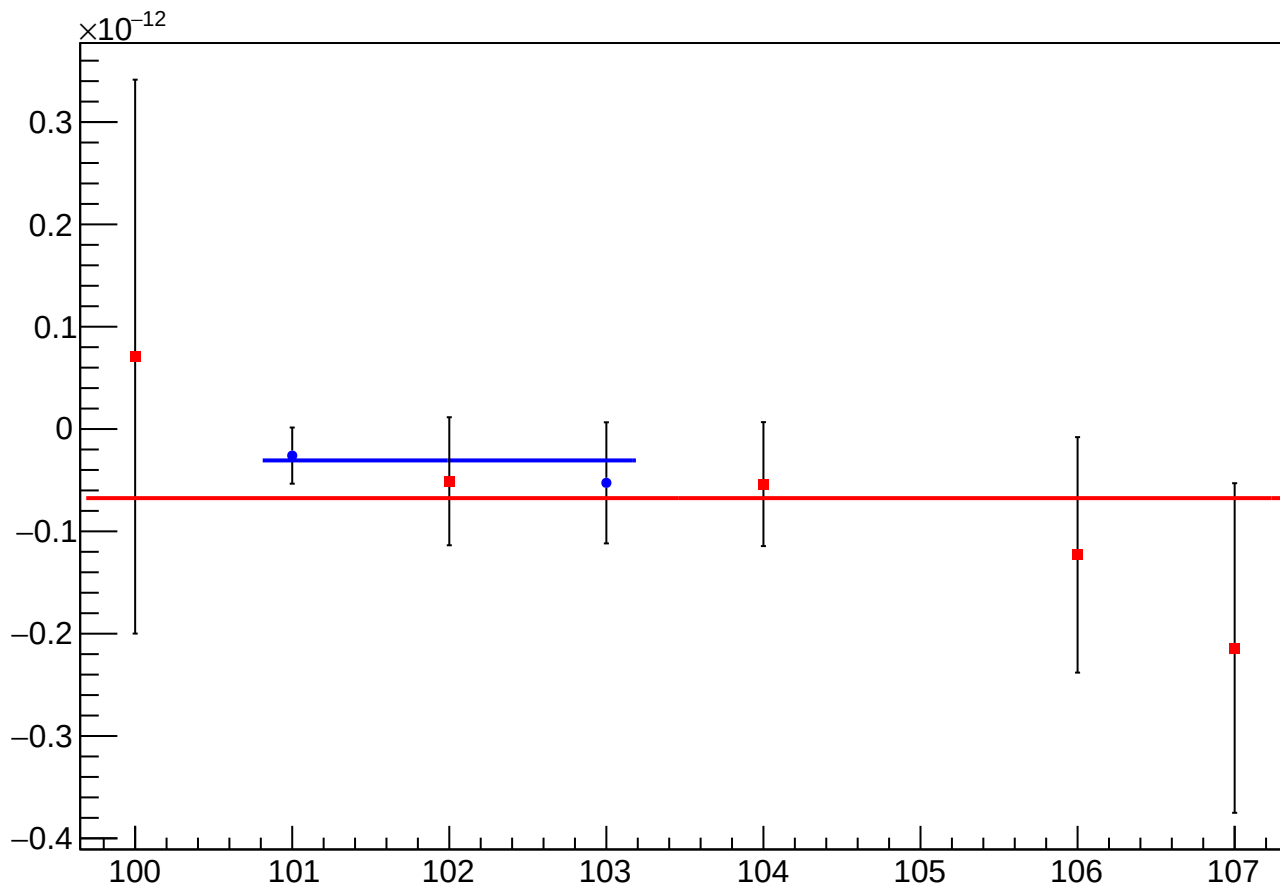
Right: 54.085+/-0.035 χ^2/NDF : 2702630.3/6

In: 63.552+/-0.054 χ^2/NDF : 799946.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.085+/-0.035 χ^2/NDF : 2702630.3/6

asym_atl_dd_atr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 $\chi^2/\text{NDF}: 0.2/1$

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

Right Out: -0.000 ± 0.000 $\chi^2/\text{NDF}: 1.4/4$

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

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

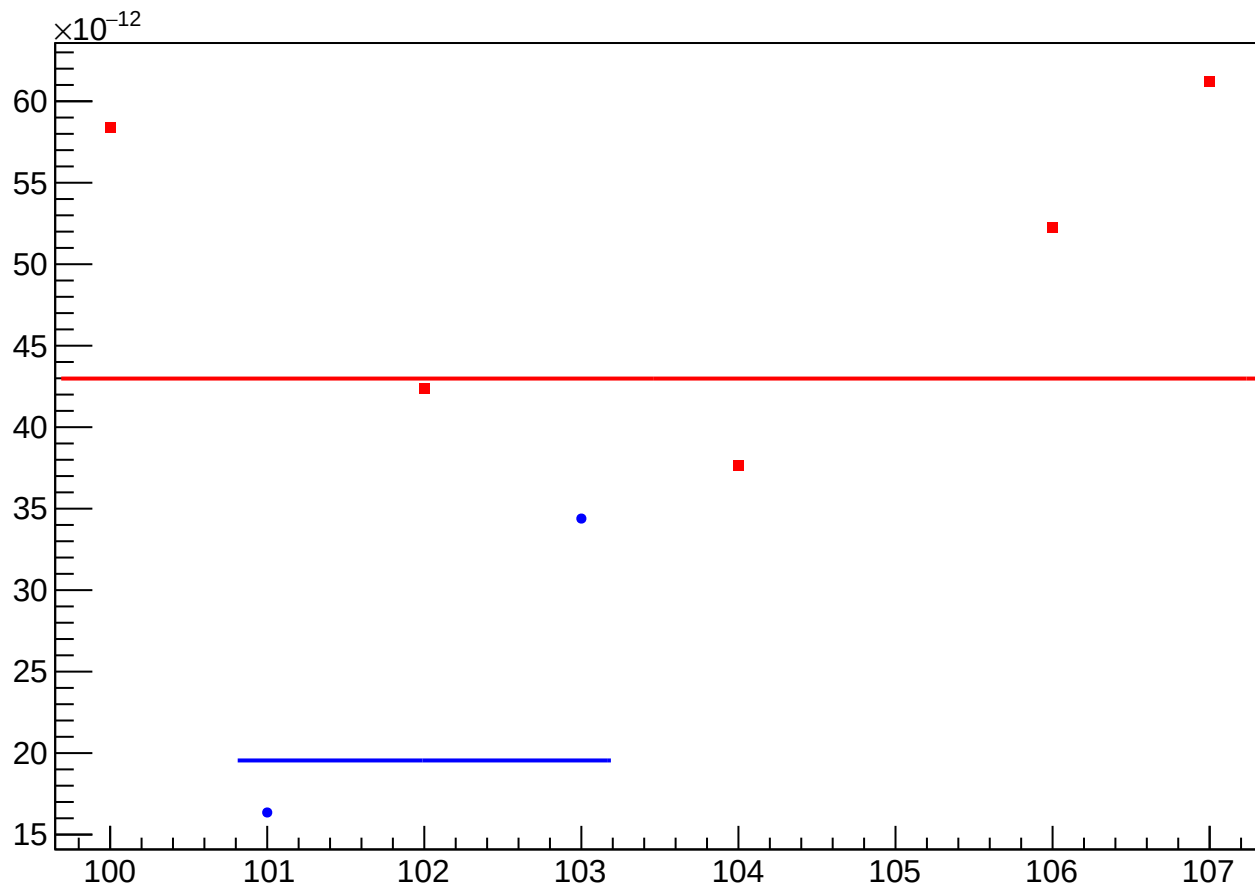
Right: -0.000 ± 0.000 $\chi^2/\text{NDF}: 2.2/6$

In: -0.000 ± 0.000 $\chi^2/\text{NDF}: 0.2/1$

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

All: -0.000 ± 0.000 $\chi^2/\text{NDF}: 2.2/6$

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 : 152969.1/1

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

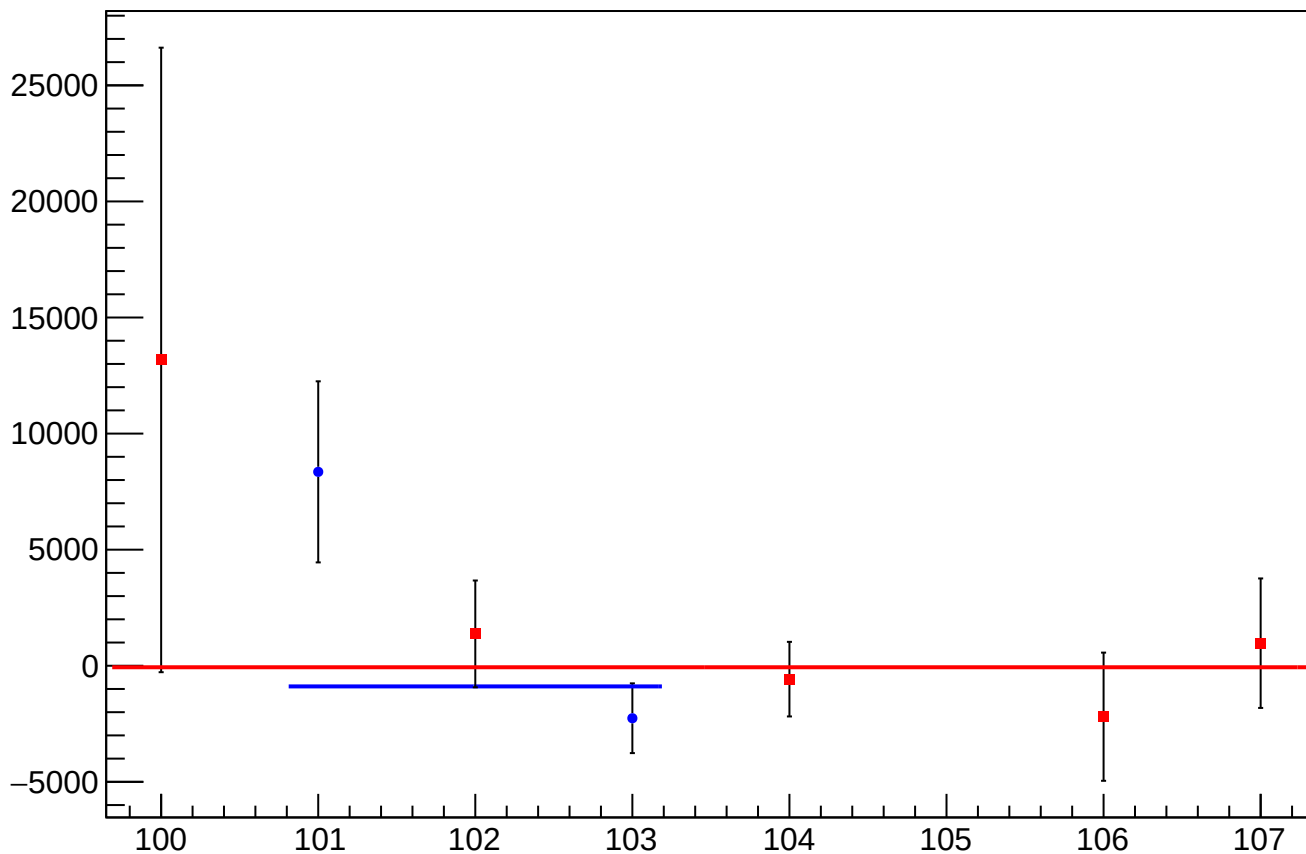
Right: 0.000+/-0.000 χ^2/NDF : 726014.5/6

In: 0.000+/-0.000 χ^2/NDF : 152969.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 726014.5/6

reg_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -889.732+/-1401.633 χ^2/NDF : 6.4/1

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

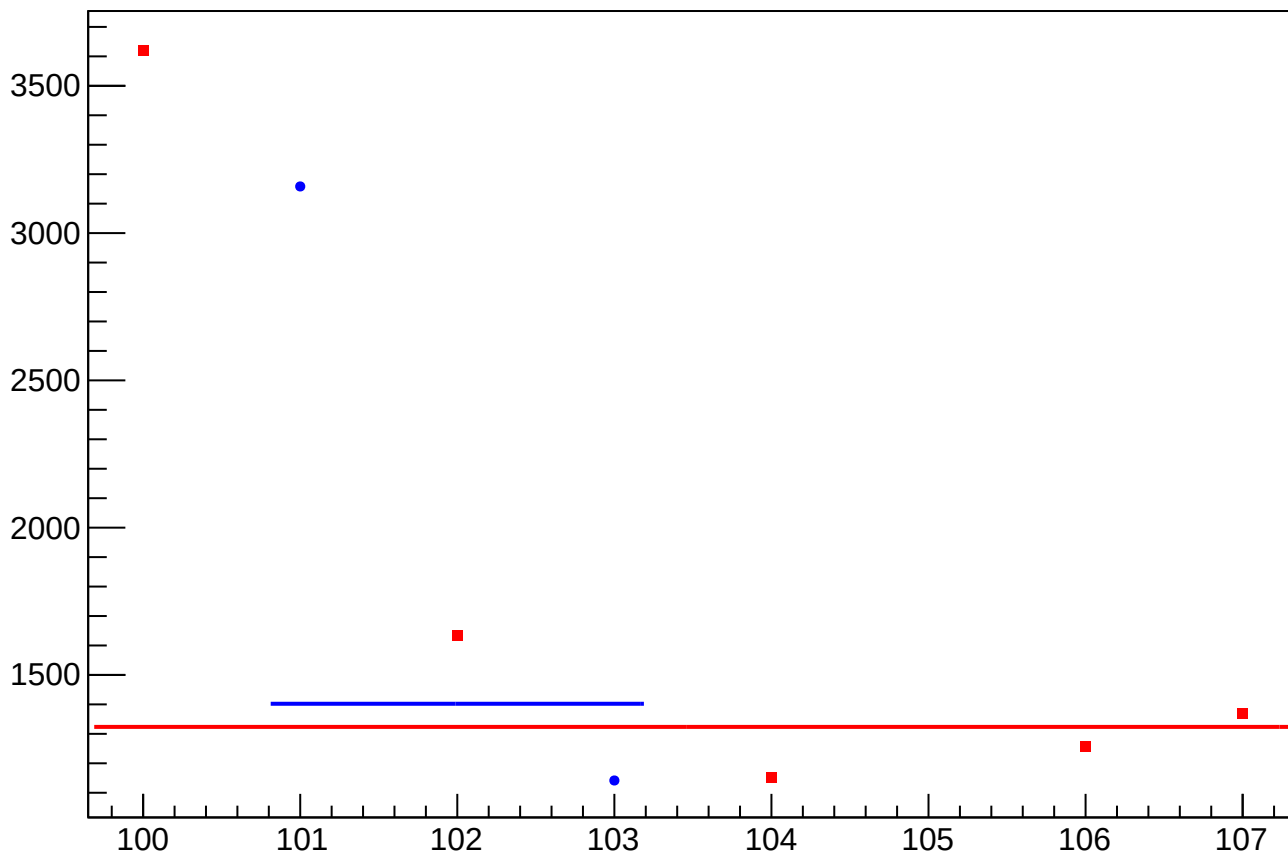
Right: -375.585+/-860.411 χ^2/NDF : 8.9/6

In: -889.732+/-1401.633 χ^2/NDF : 6.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -375.585+/-860.411 χ^2/NDF : 8.9/6

reg_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1402.128+/-0.991 χ^2/NDF : 465720.1/1

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

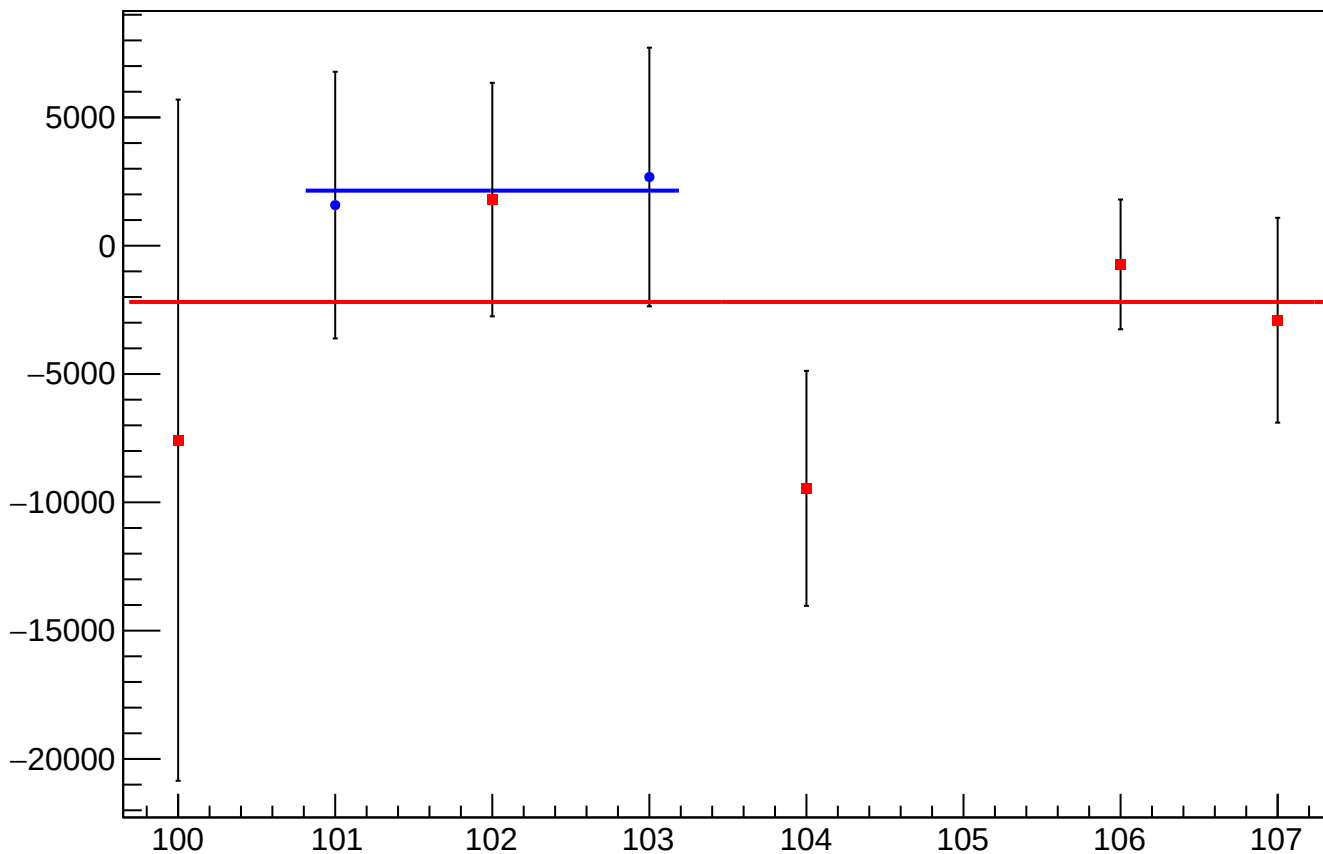
Right: 1352.701+/-0.603 χ^2/NDF : 589432.7/6

In: 1402.128+/-0.991 χ^2/NDF : 465720.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1352.701+/-0.603 χ^2/NDF : 589432.7/6

asym_at1_avg_at2_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 2146.539+/-3617.614 χ^2/NDF : 0.0/1

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

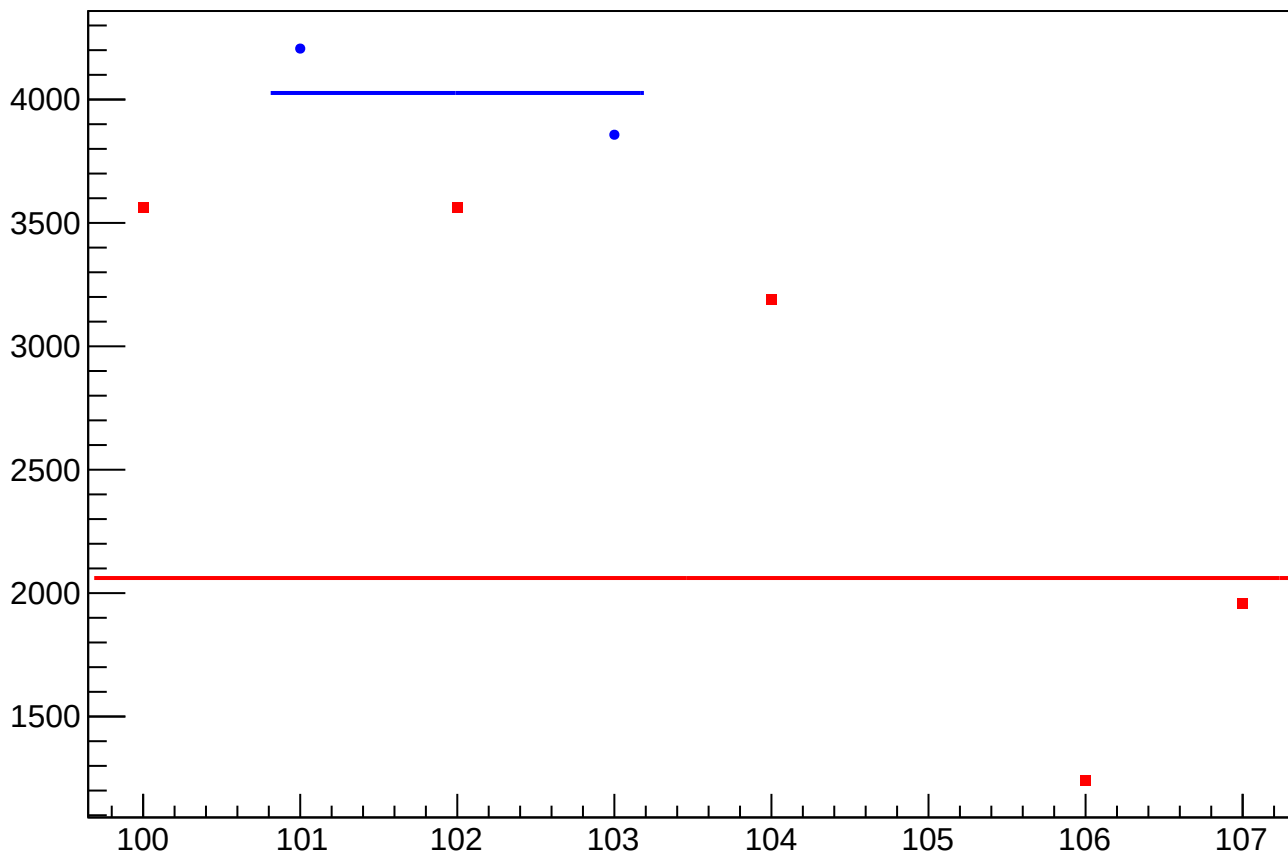
Right: -1357.375+/-1586.690 χ^2/NDF : 5.0/6

In: 2146.539+/-3617.614 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1357.375+/-1586.690 χ^2/NDF : 5.0/6

asym_at1_avg_at2_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 4026.541+/-2.558 χ^2/NDF : 4651.2/1

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

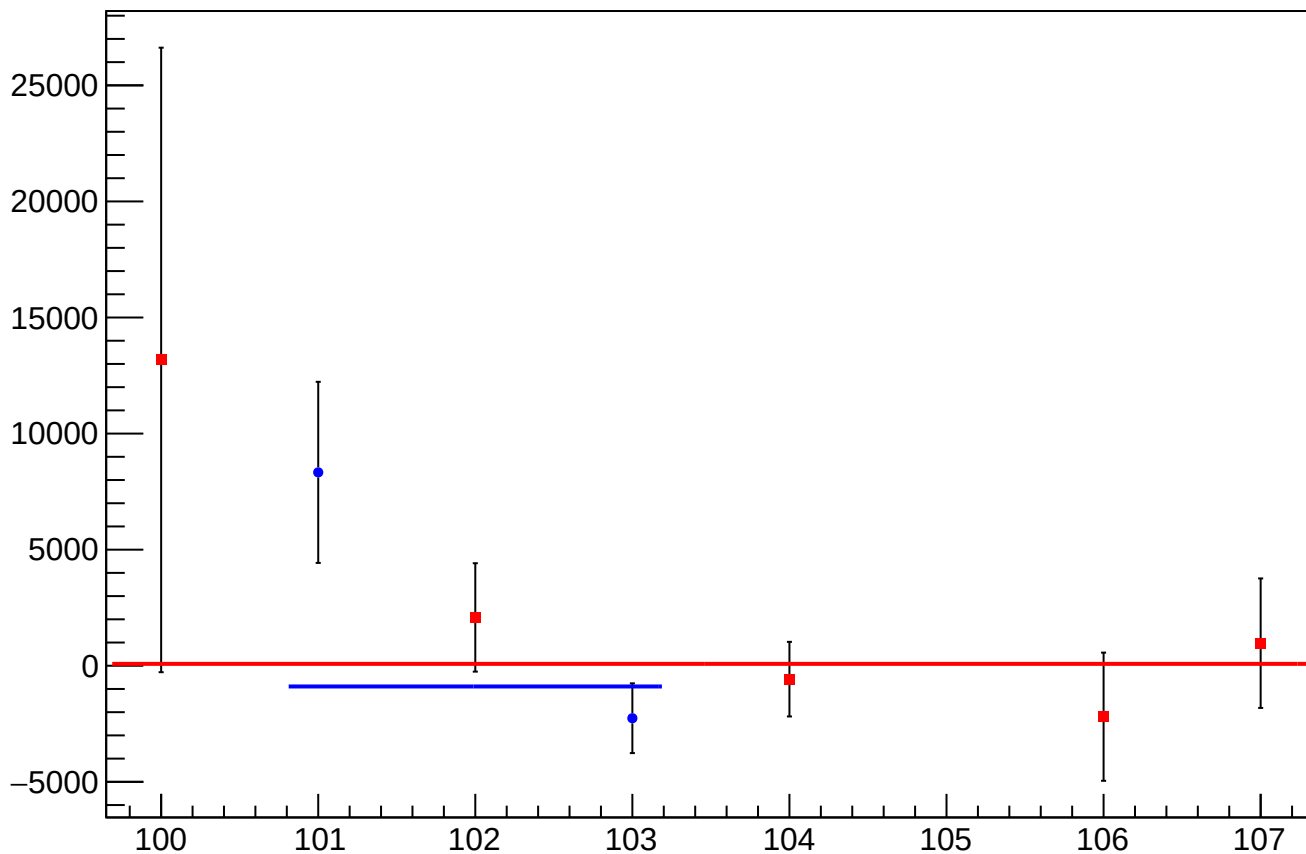
Right: 2439.253+/-1.122 χ^2/NDF : 1057438.8/6

In: 4026.541+/-2.558 χ^2/NDF : 4651.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2439.253+/-1.122 χ^2/NDF : 1057438.8/6

cor_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -892.590+/-1401.635 χ^2/NDF : 6.4/1

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

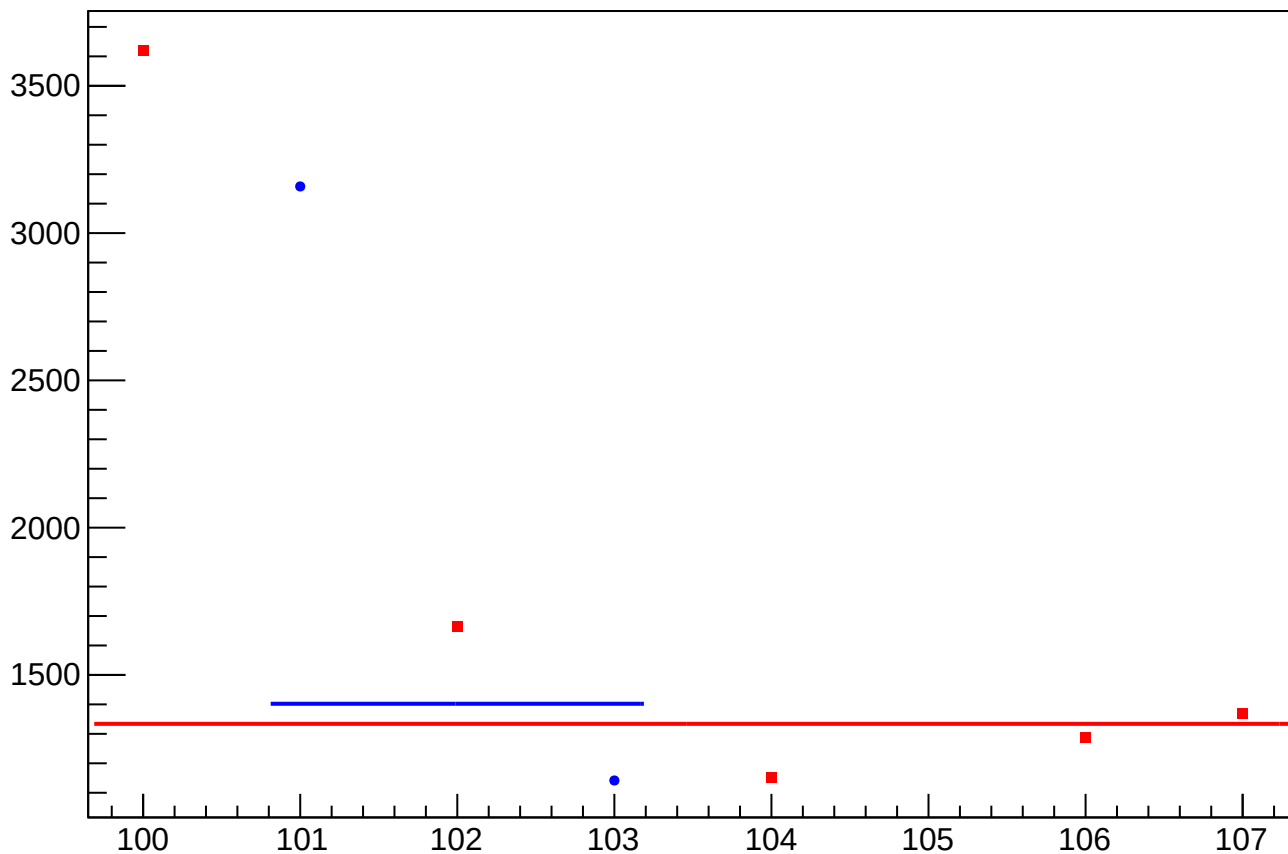
Right: -287.171+/-862.192 χ^2/NDF : 9.4/6

In: -892.590+/-1401.635 χ^2/NDF : 6.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -287.171+/-862.192 χ^2/NDF : 9.4/6

cor_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1402.126+/-0.991 χ^2/NDF : 465721.9/1

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

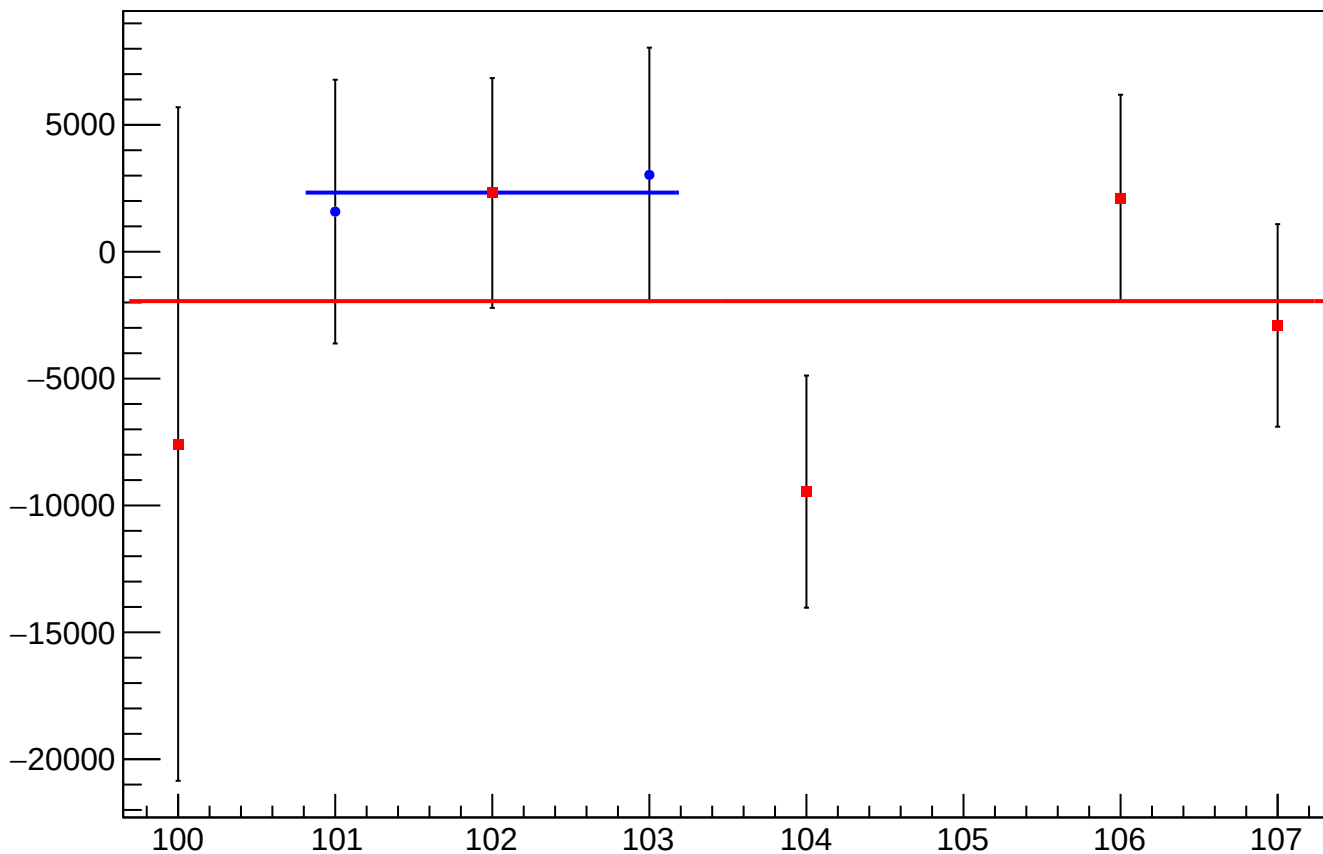
Right: 1359.461+/-0.606 χ^2/NDF : 593959.0/6

In: 1402.126+/-0.991 χ^2/NDF : 465721.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1359.461+/-0.606 χ^2/NDF : 593959.0/6

asym_at1_avg_at2_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 2331.028+/-3608.418 χ^2/NDF : 0.0/1

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

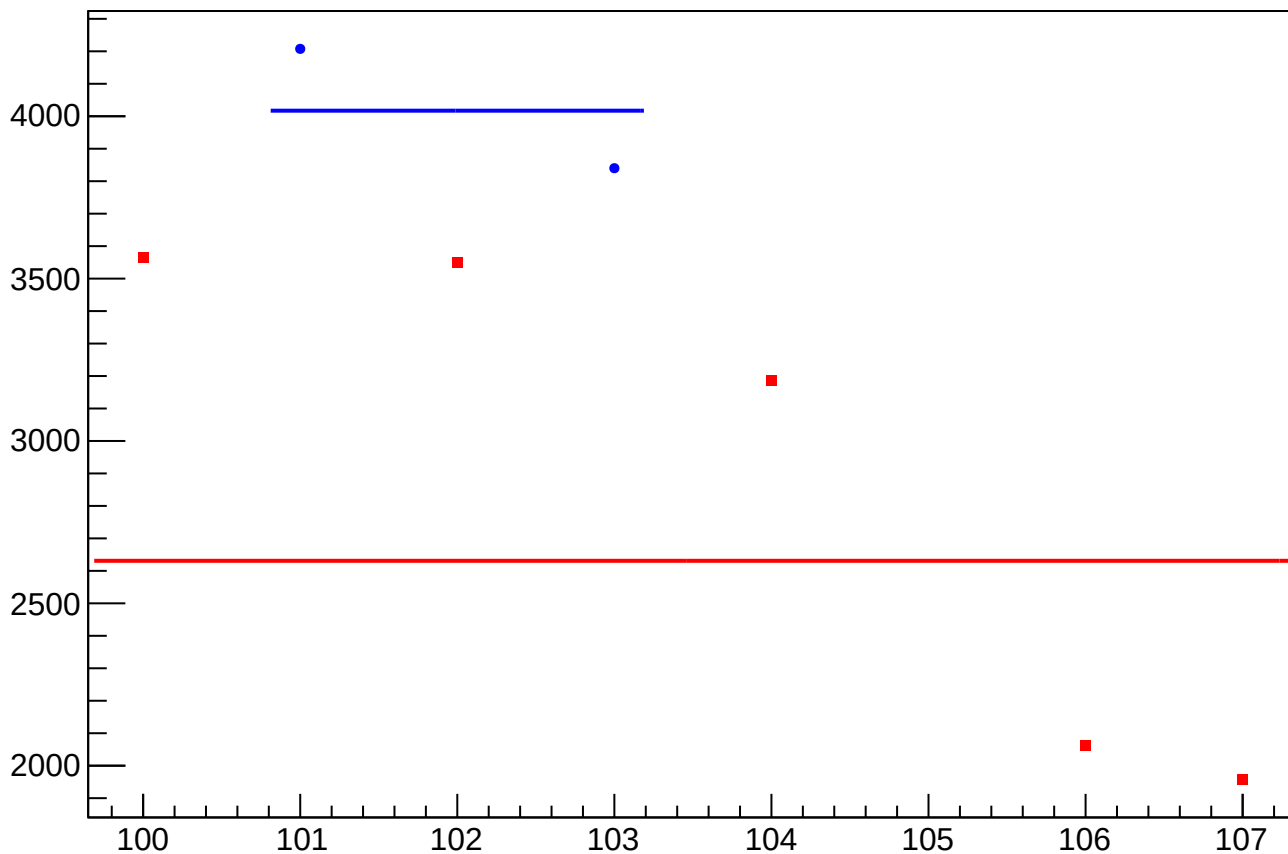
Right: -857.566+/-1820.329 χ^2/NDF : 5.9/6

In: 2331.028+/-3608.418 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -857.566+/-1820.329 χ^2/NDF : 5.9/6

asym_at1_avg_at2_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 4017.164+/-2.552 χ^2/NDF : 5180.0/1

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

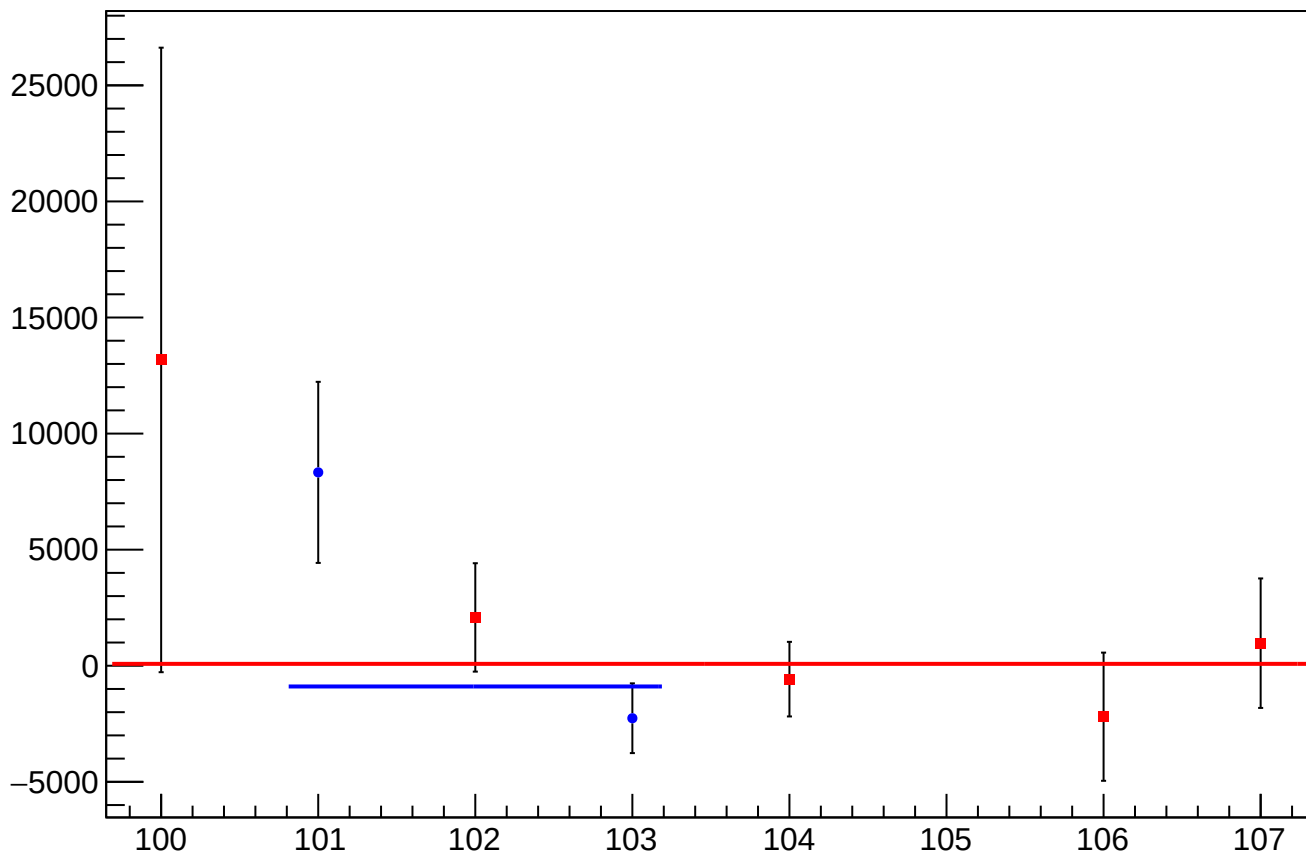
Right: 2983.766+/-1.287 χ^2/NDF : 442884.3/6

In: 4017.164+/-2.552 χ^2/NDF : 5180.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2983.766+/-1.287 χ^2/NDF : 442884.3/6

eigen_cor_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -892.590+/-1401.635 χ^2/NDF : 6.4/1

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

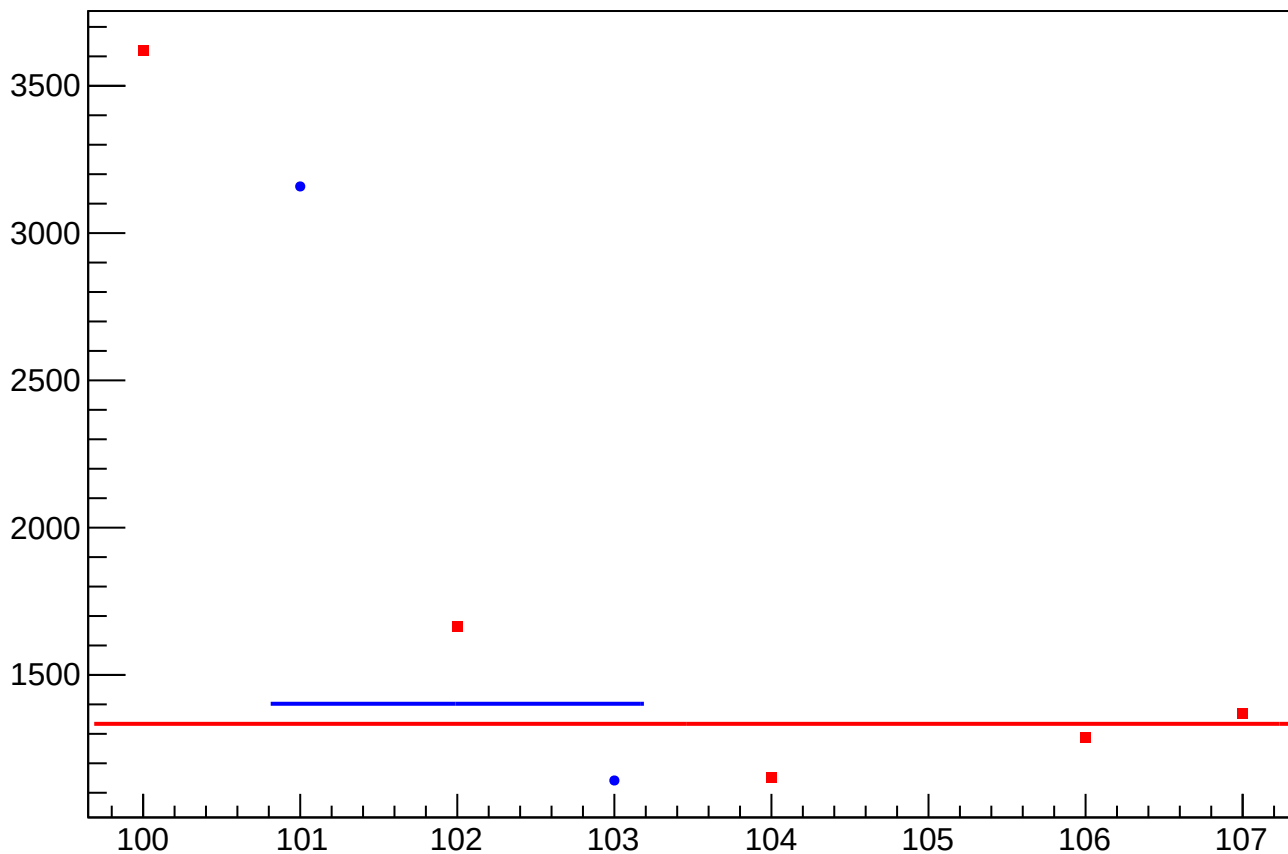
Right: -287.171+/-862.192 χ^2/NDF : 9.4/6

In: -892.590+/-1401.635 χ^2/NDF : 6.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -287.171+/-862.192 χ^2/NDF : 9.4/6

eigen_cor_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1402.126+/-0.991 χ^2/NDF : 465721.9/1

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

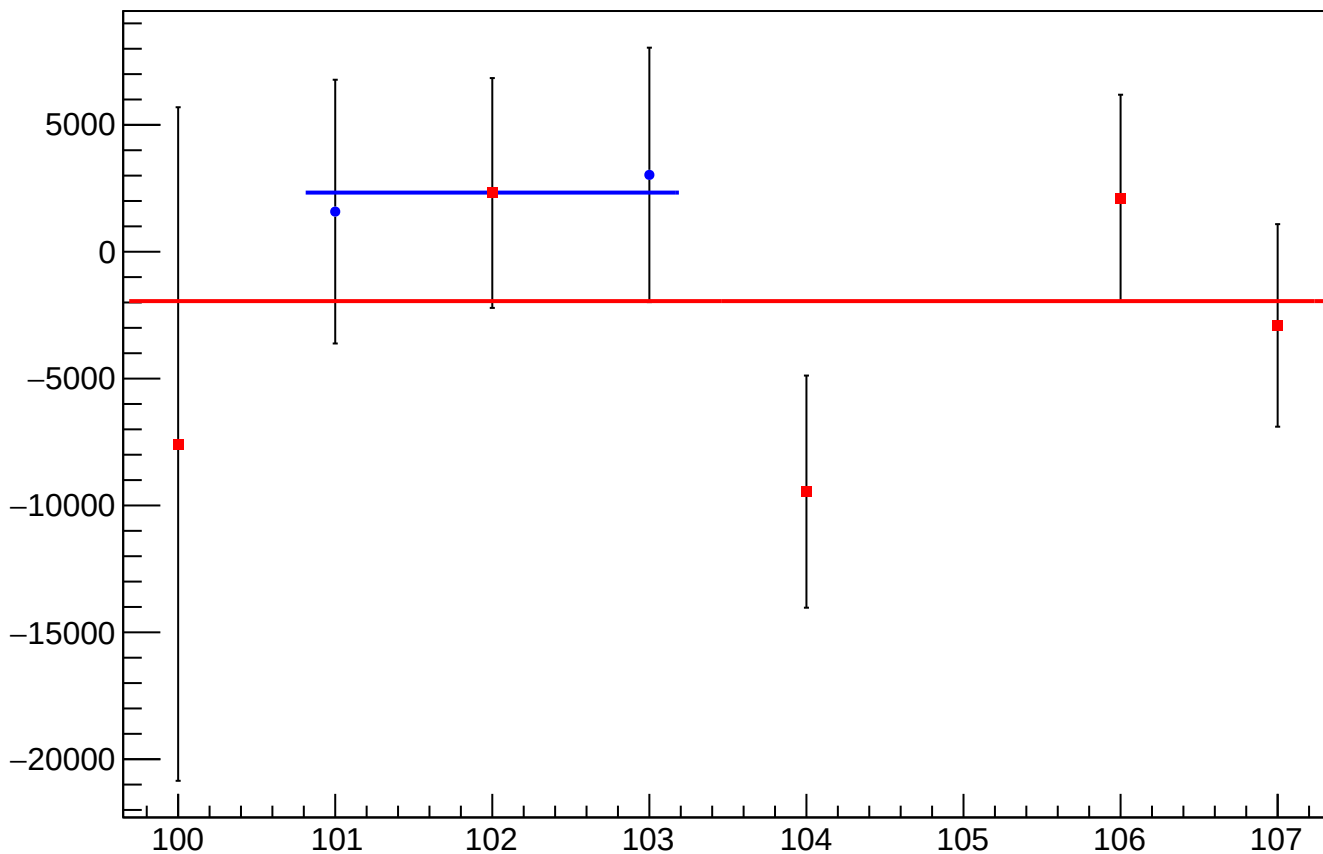
Right: 1359.461+/-0.606 χ^2/NDF : 593959.0/6

In: 1402.126+/-0.991 χ^2/NDF : 465721.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1359.461+/-0.606 χ^2/NDF : 593959.0/6

asym_at1_avg_at2_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2331.028+/-3608.418 χ^2/NDF : 0.0/1

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

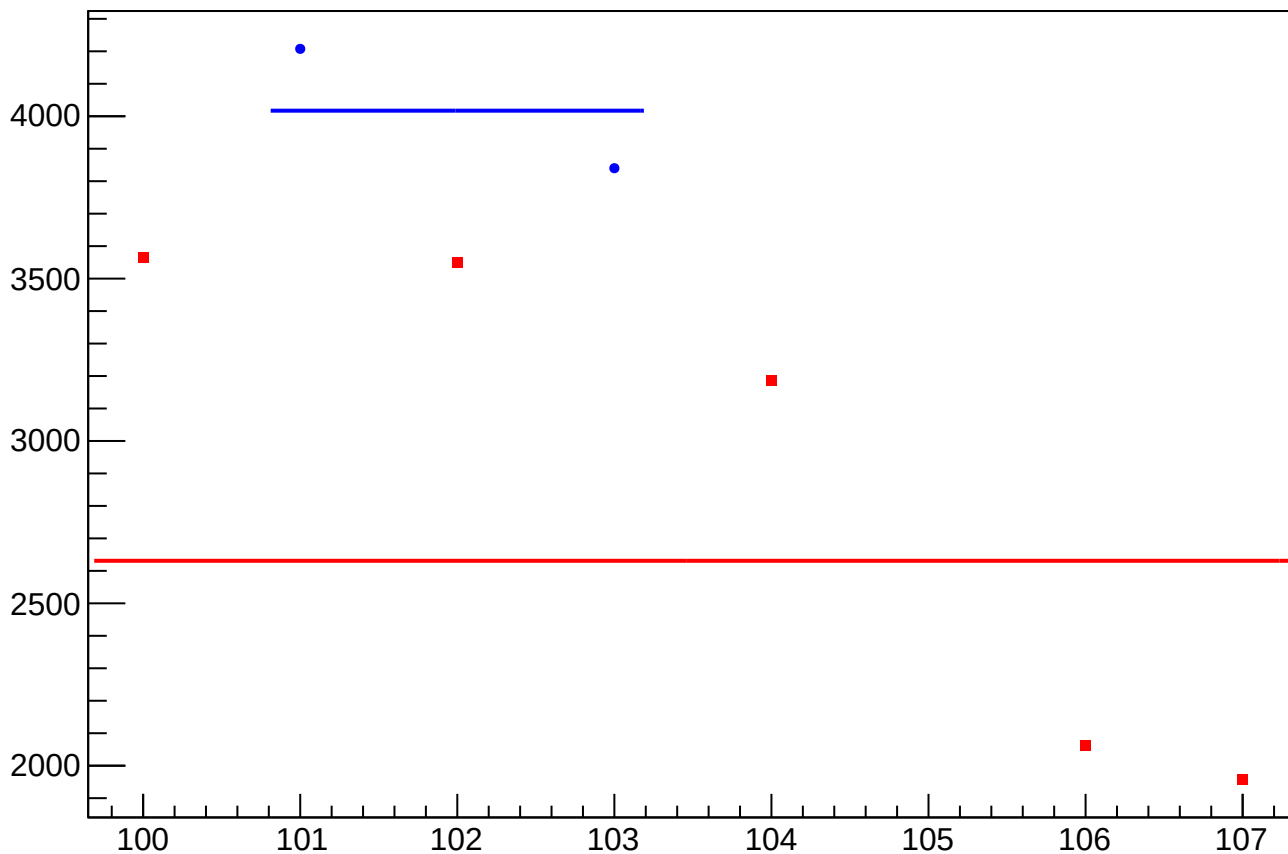
Right: -857.566+/-1820.329 χ^2/NDF : 5.9/6

In: 2331.028+/-3608.418 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -857.566+/-1820.329 χ^2/NDF : 5.9/6

asym_at1_avg_at2_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4017.164+/-2.552 χ^2/NDF : 5180.0/1

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

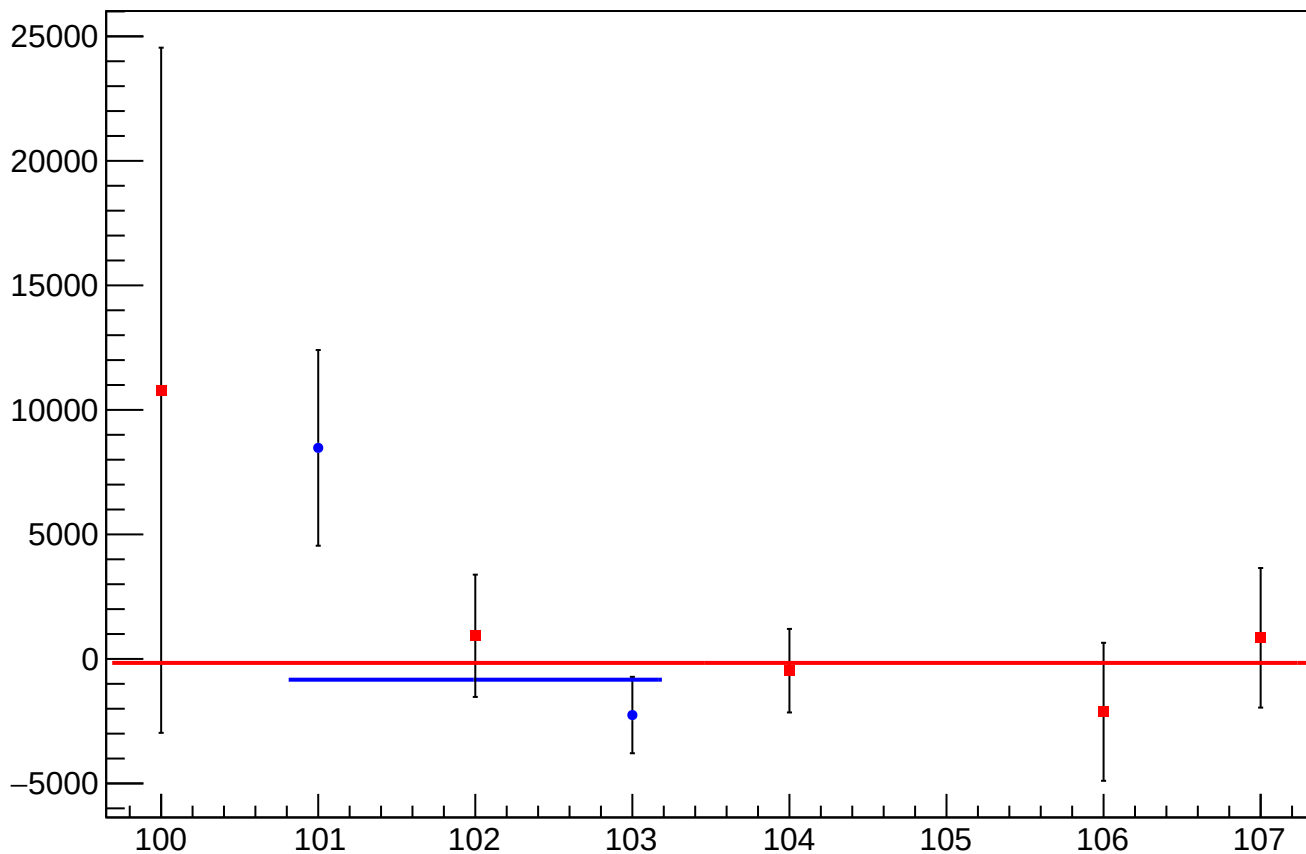
Right: 2983.766+/-1.287 χ^2/NDF : 442884.3/6

In: 4017.164+/-2.552 χ^2/NDF : 5180.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2983.766+/-1.287 χ^2/NDF : 442884.3/6

dit_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -833.774+/-1429.215 χ^2/NDF : 6.5/1

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

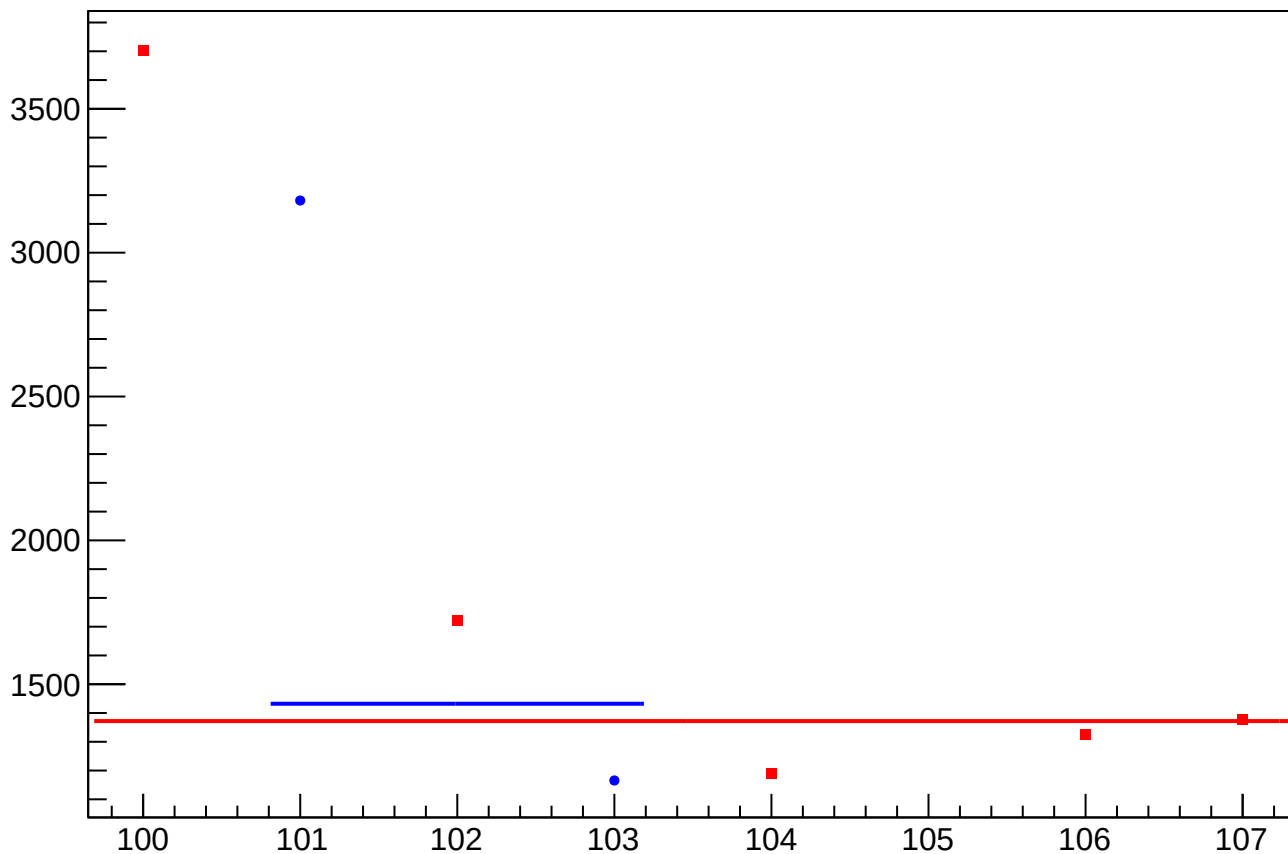
Right: -418.804+/-886.068 χ^2/NDF : 8.1/6

In: -833.774+/-1429.215 χ^2/NDF : 6.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -418.804+/-886.068 χ^2/NDF : 8.1/6

dit_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1432.146+/-1.011 χ^2/NDF : 456784.4/1

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

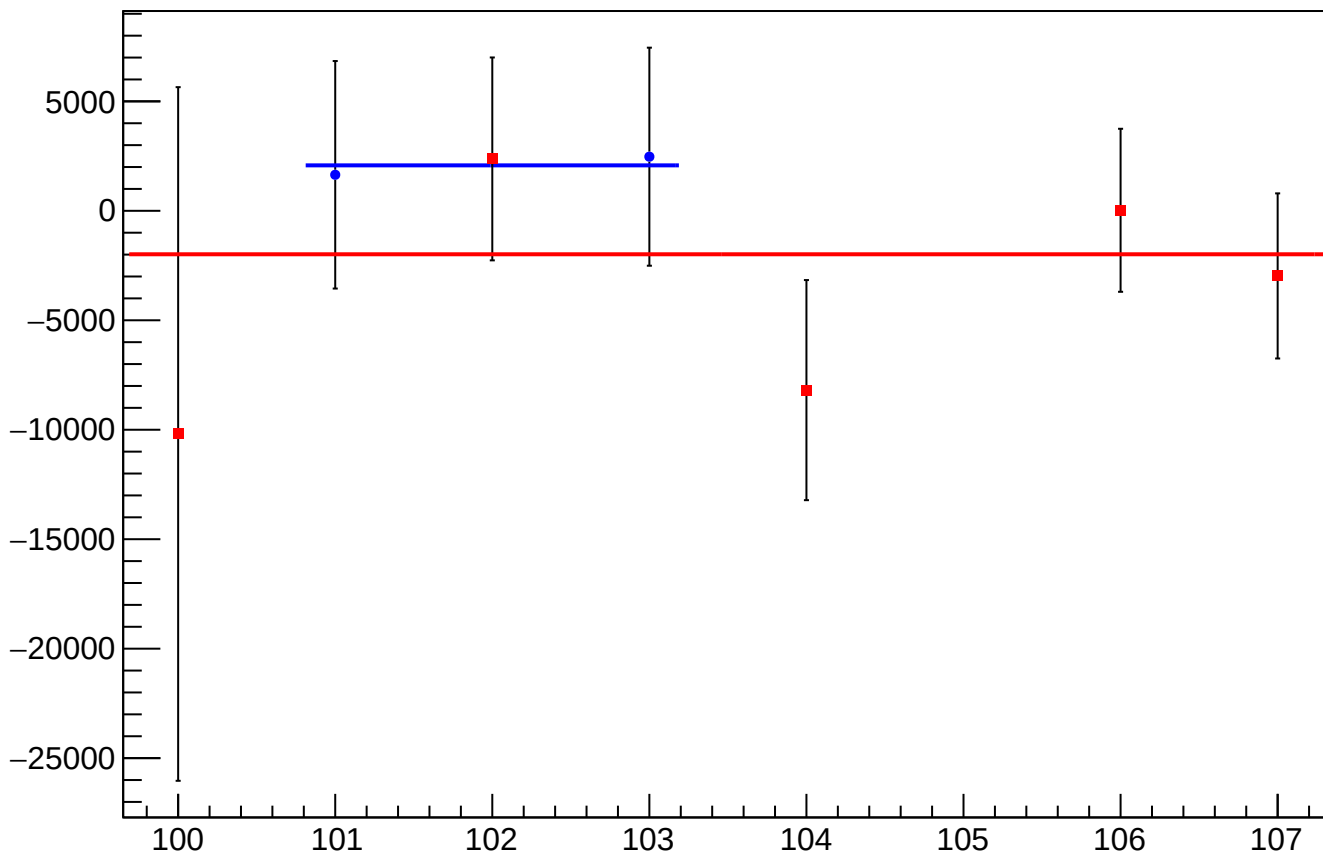
Right: 1394.960+/-0.625 χ^2/NDF : 580963.7/6

In: 1432.146+/-1.011 χ^2/NDF : 456784.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1394.960+/-0.625 χ^2/NDF : 580963.7/6

asym_at1_avg_at2_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 2076.324+/-3595.363 χ^2/NDF : 0.0/1

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

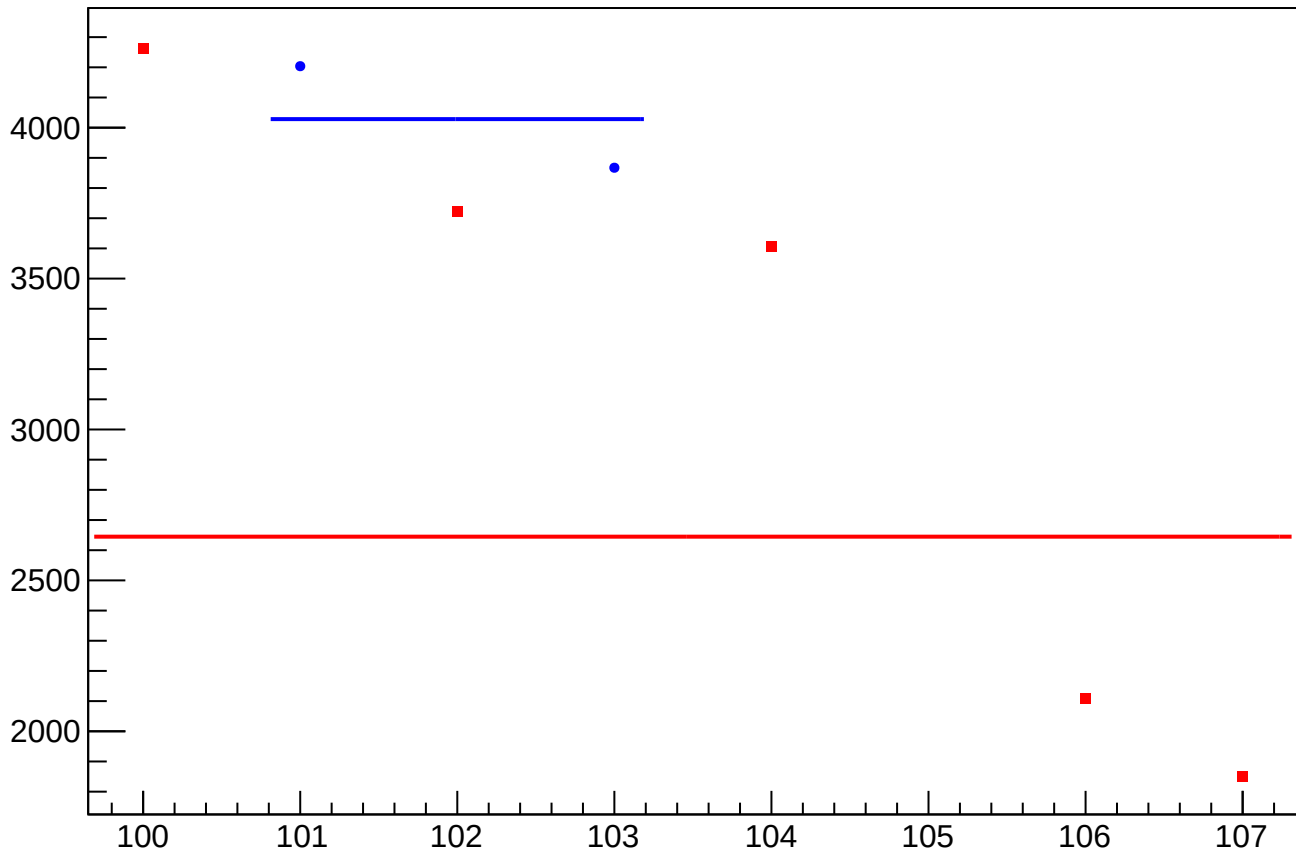
Right: -971.459+/-1796.182 χ^2/NDF : 4.0/6

In: 2076.324+/-3595.363 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -971.459+/-1796.182 χ^2/NDF : 4.0/6

asym_at1_avg_at2_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 4028.384 $\pm$ 2.542 χ^2 /NDF: 4371.1/1

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

Right Out: 2644.883 $\pm$ 1.466 χ^2 /NDF: 333211.3/4

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

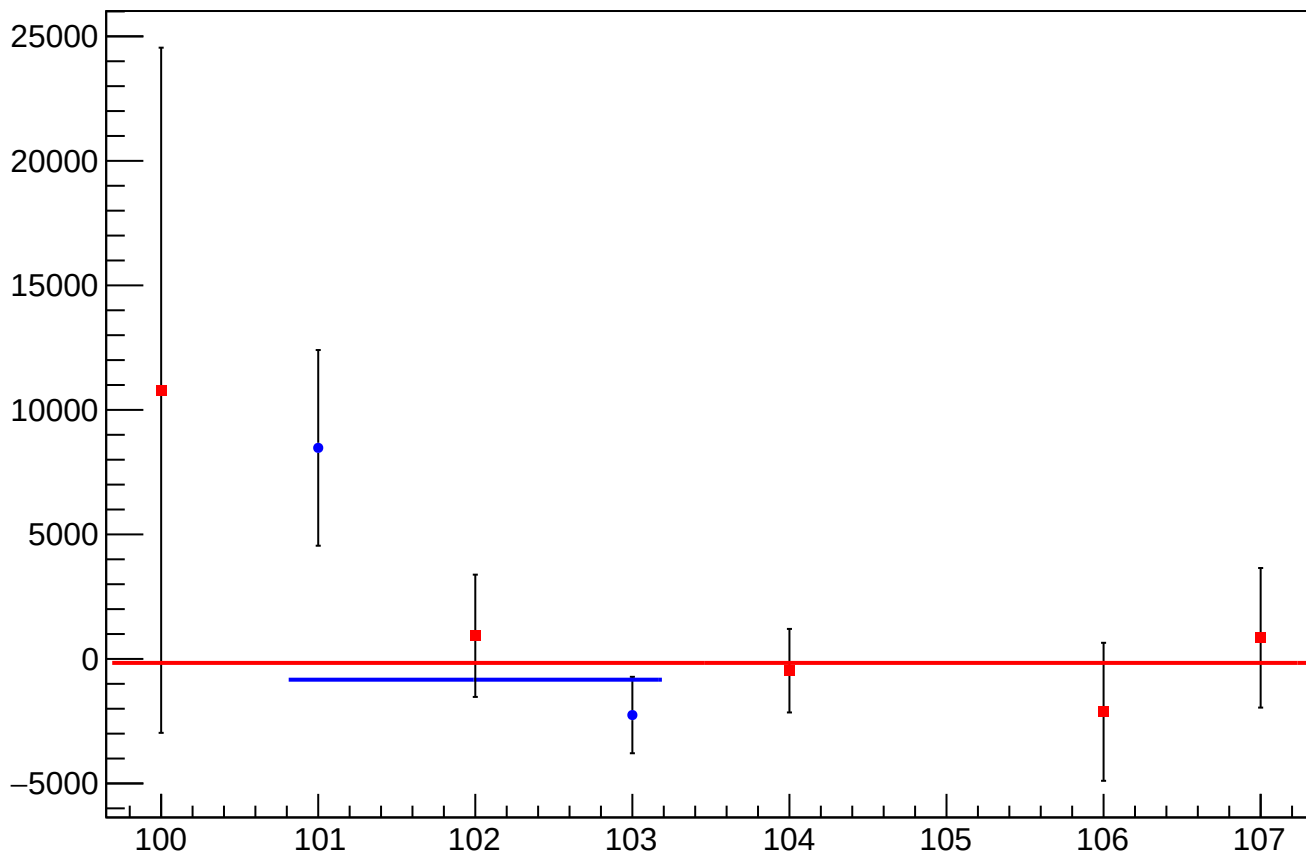
Right: 2990.181 $\pm$ 1.270 χ^2 /NDF: 559813.9/6

In: 4028.384 $\pm$ 2.542 χ^2 /NDF:4371.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2990.181 $\pm$ 1.270 χ^2 /NDF: 559813.9/6

eigen_dit_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -833.776+/-1429.215 χ^2/NDF : 6.5/1

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

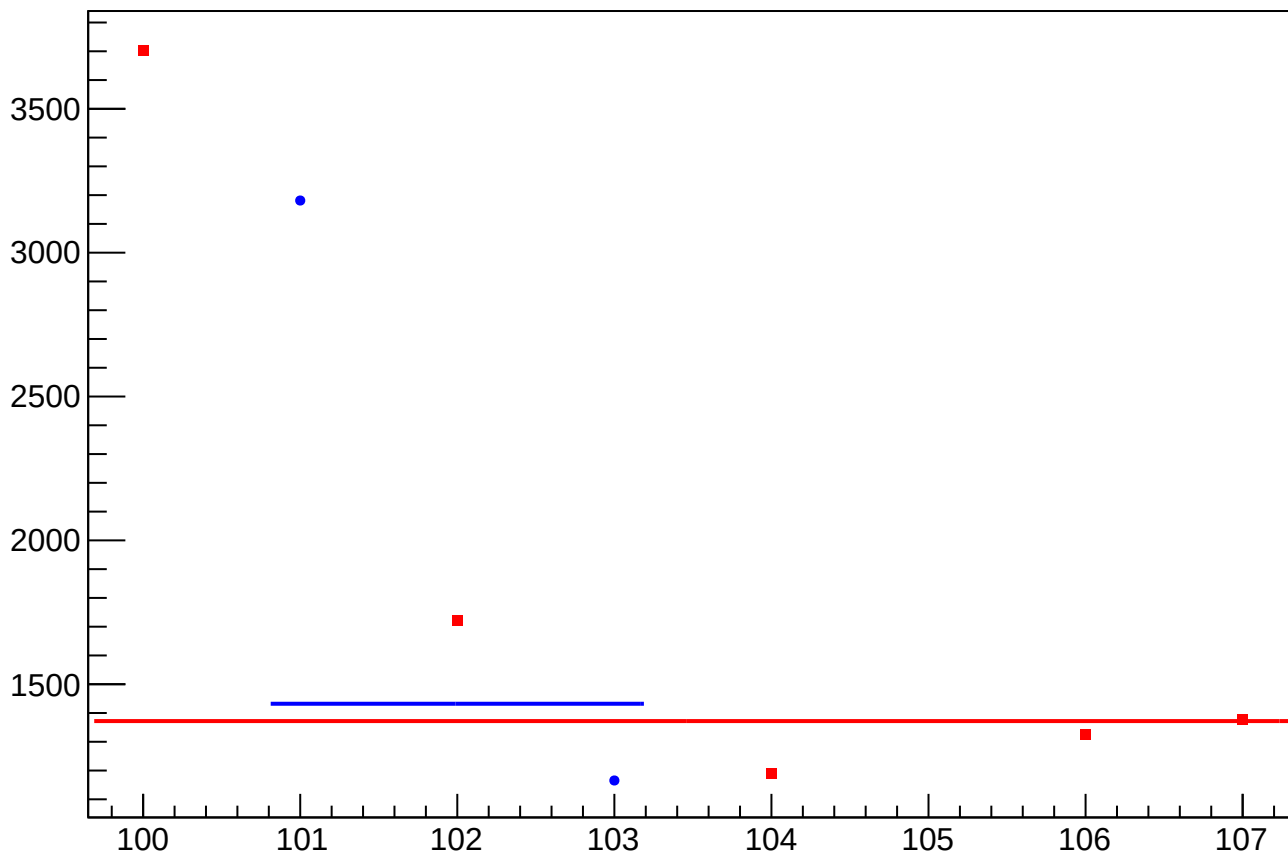
Right: -418.810+/-886.068 χ^2/NDF : 8.1/6

In: -833.776+/-1429.215 χ^2/NDF : 6.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -418.810+/-886.068 χ^2/NDF : 8.1/6

eigen_dit_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1432.145+/-1.011 χ^2 /NDF: 456784.5/1

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

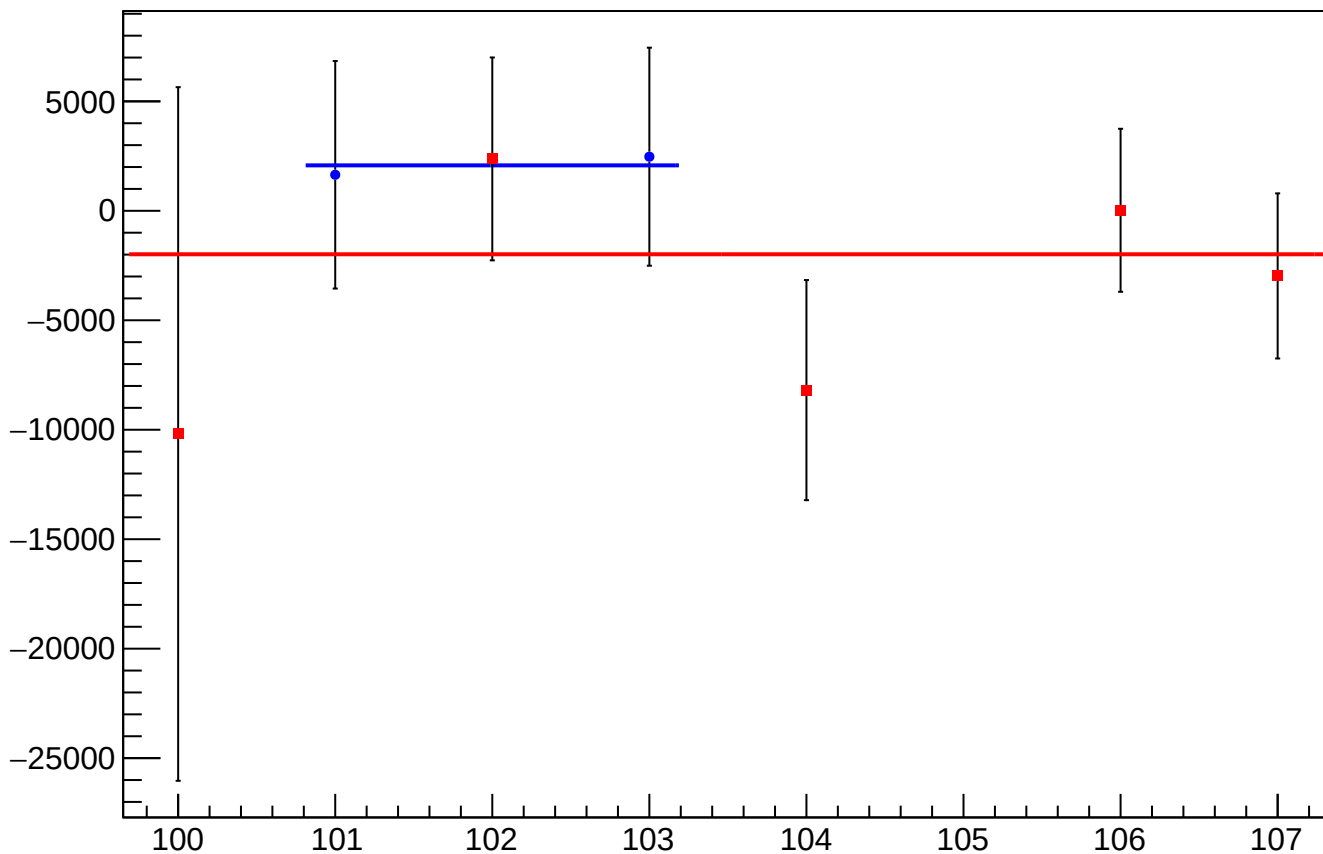
Right: 1394.960+/-0.625 χ^2 /NDF: 580963.8/6

In: 1432.145+/-1.011 χ^2 /NDF: 456784.5/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1394.960+/-0.625 χ^2 /NDF: 580963.8/6

asym_at1_avg_at2_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 2076.330+/-3595.363 χ^2/NDF : 0.0/1

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

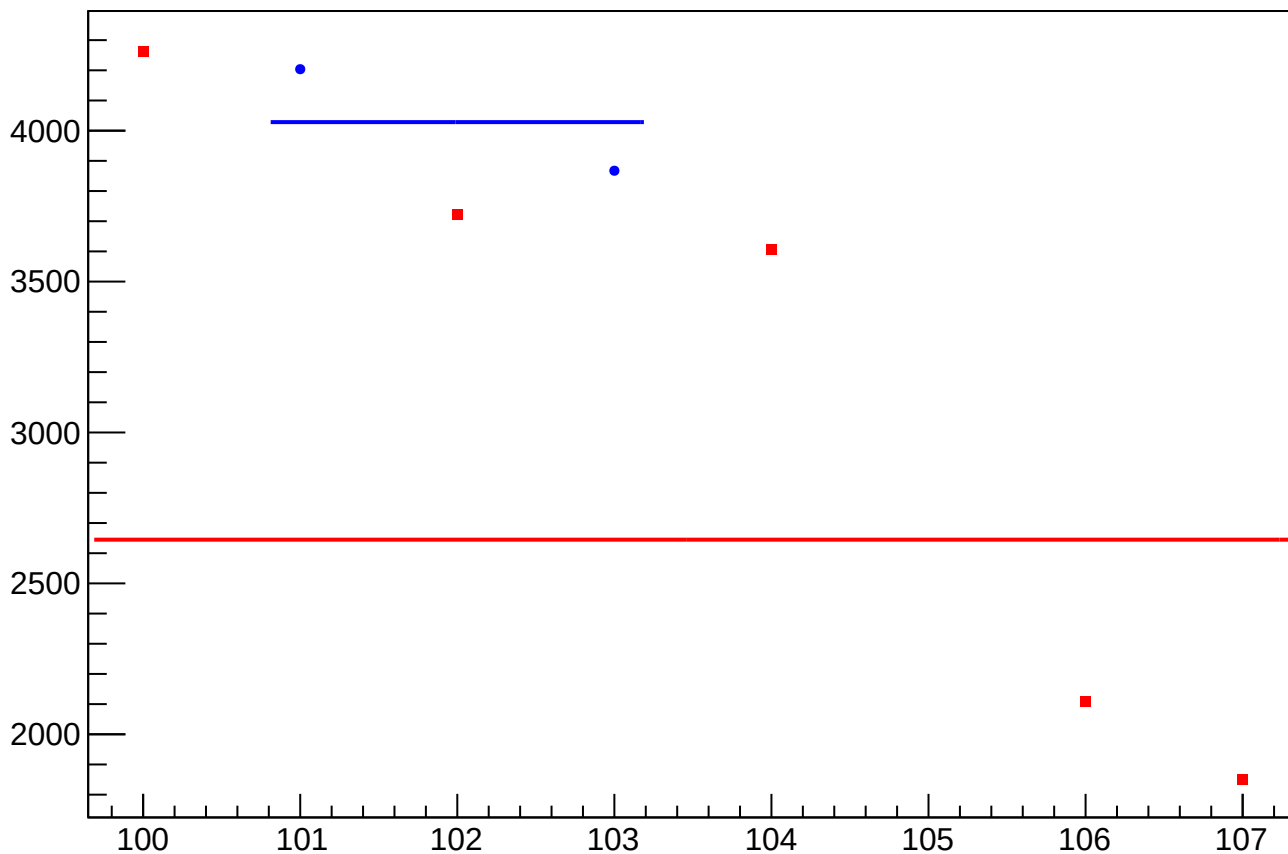
Right: -971.465+/-1796.180 χ^2/NDF : 4.0/6

In: 2076.330+/-3595.363 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -971.465+/-1796.180 χ^2/NDF : 4.0/6

asym_at1_avg_at2_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4028.383+/-2.542 χ^2/NDF : 4370.9/1

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

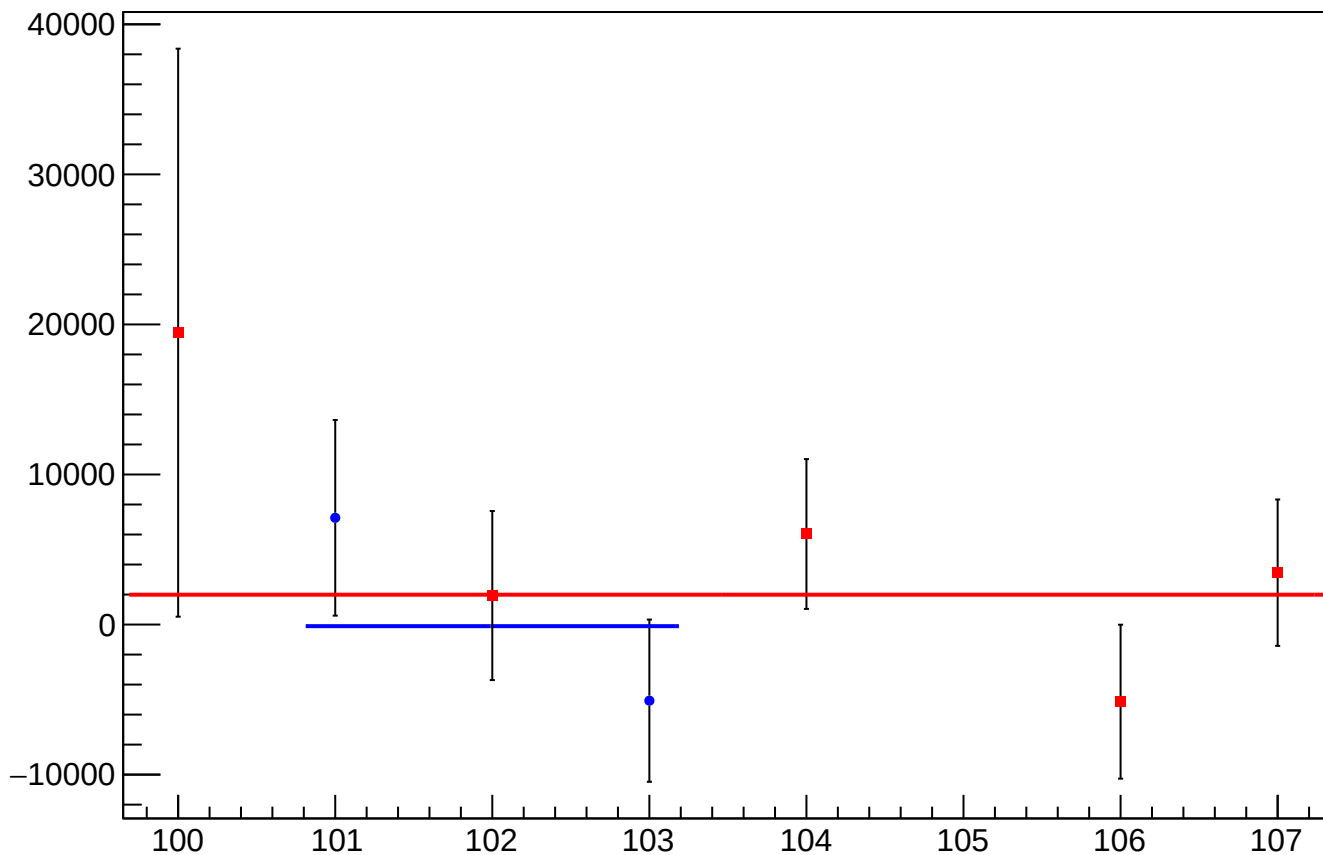
Right: 2990.177+/-1.270 χ^2/NDF : 559818.5/6

In: 4028.383+/-2.542 χ^2/NDF : 4370.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2990.177+/-1.270 χ^2/NDF : 559818.5/6

asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -106.500+/-4160.876 χ^2/NDF : 2.1/1

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

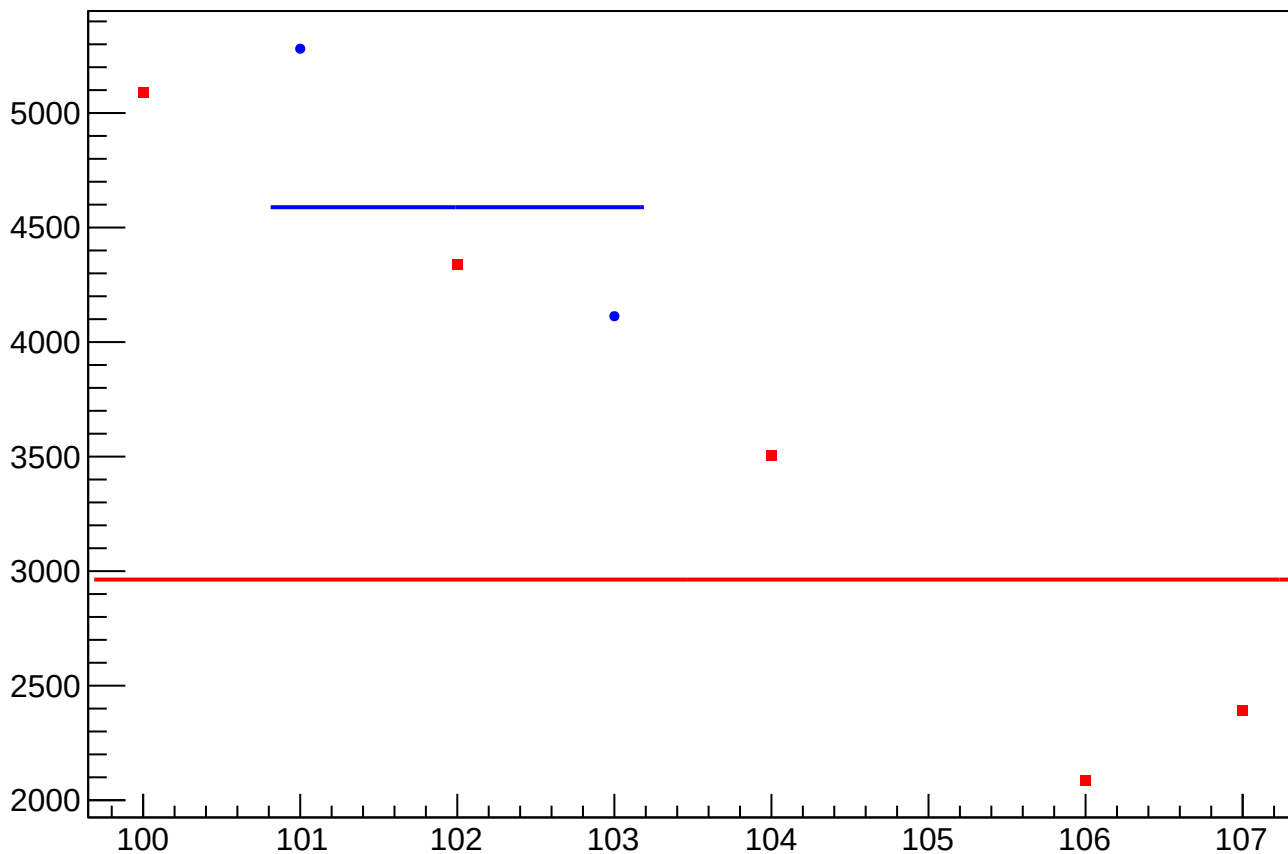
Right: 1419.505+/-2170.563 χ^2/NDF : 5.8/6

In: -106.500+/-4160.876 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1419.505+/-2170.563 χ^2/NDF : 5.8/6

asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 4588.778+/-2.942 χ^2/NDF : 38034.6/1

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

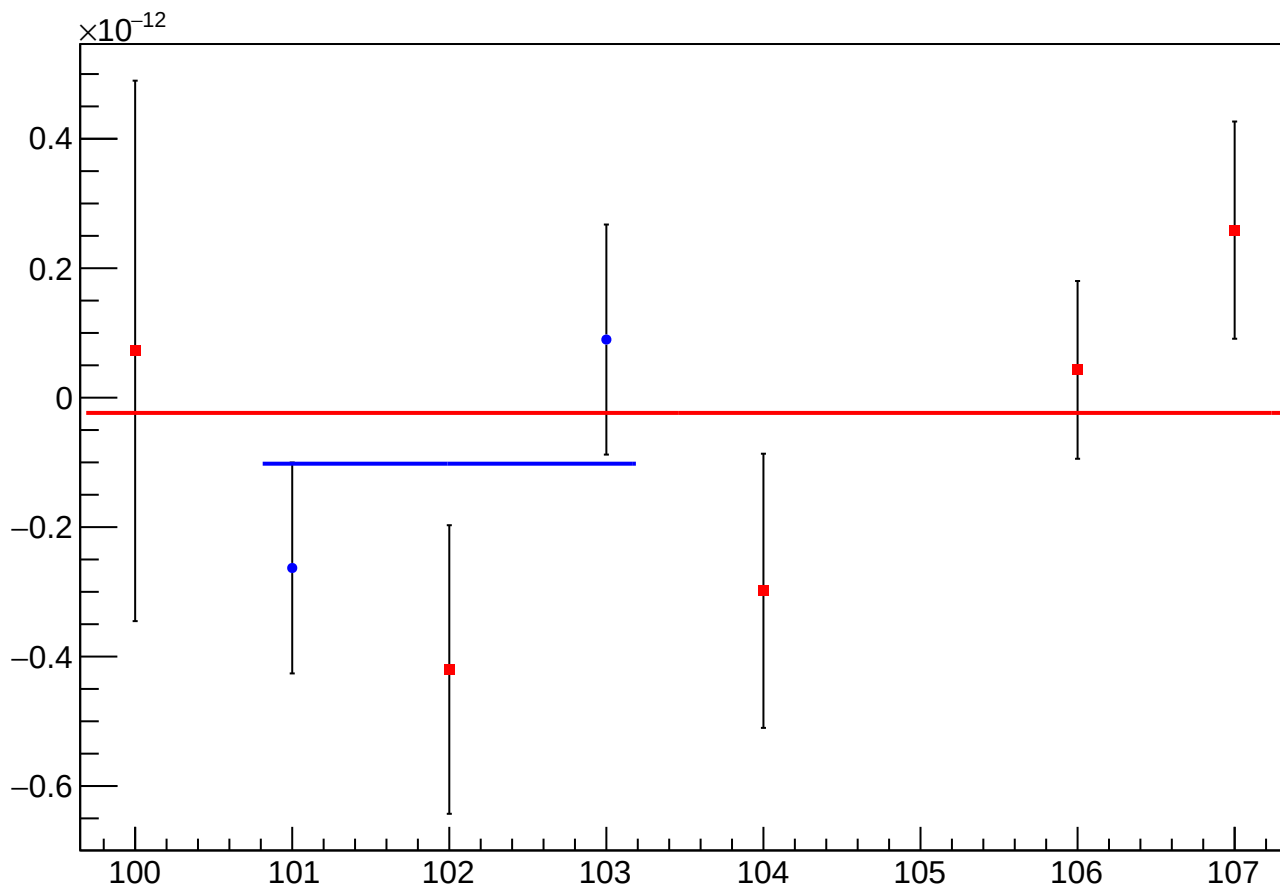
Right: 3375.333+/-1.481 χ^2/NDF : 543080.6/6

In: 4588.778+/-2.942 χ^2/NDF : 38034.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3375.333+/-1.481 χ^2/NDF : 543080.6/6

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.1/1

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

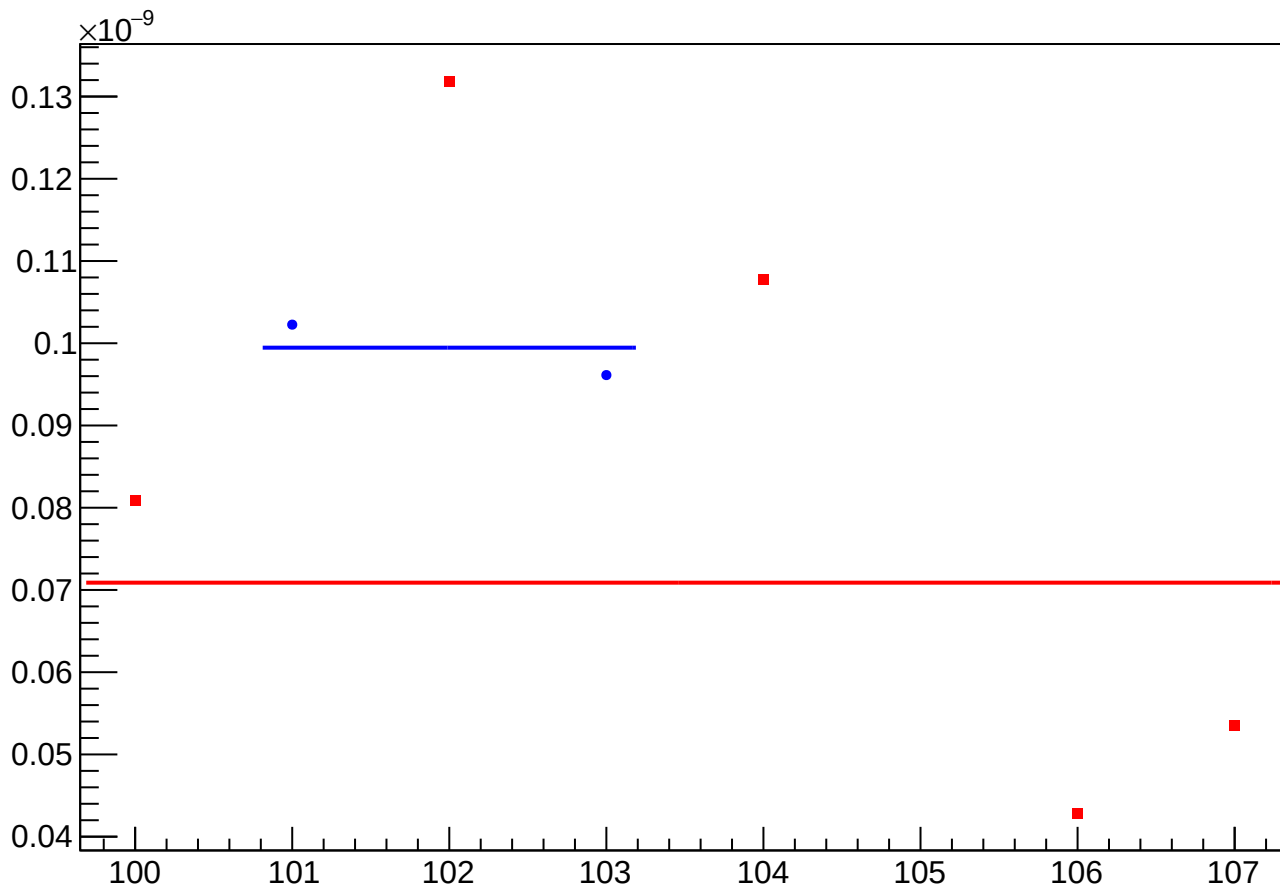
Right: -0.000+/-0.000 χ^2/NDF : 10.4/6

In: -0.000+/-0.000 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.4/6

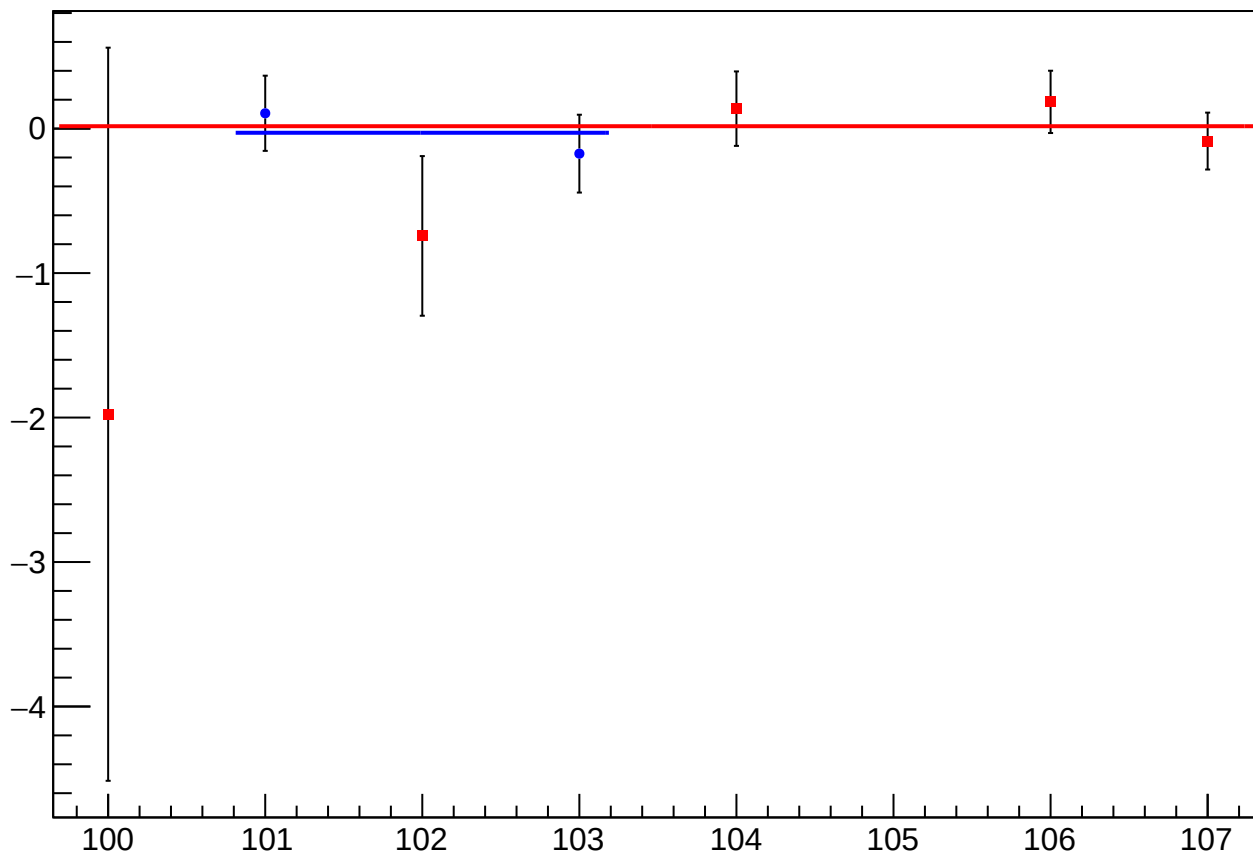
asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1293.7/1
 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 : 391990.5/6
 In: 0.000+/-0.000 χ^2/NDF : 1293.7/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 391990.5/6

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 $\pm$ 0.187 χ^2 /NDF: 0.6/1

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

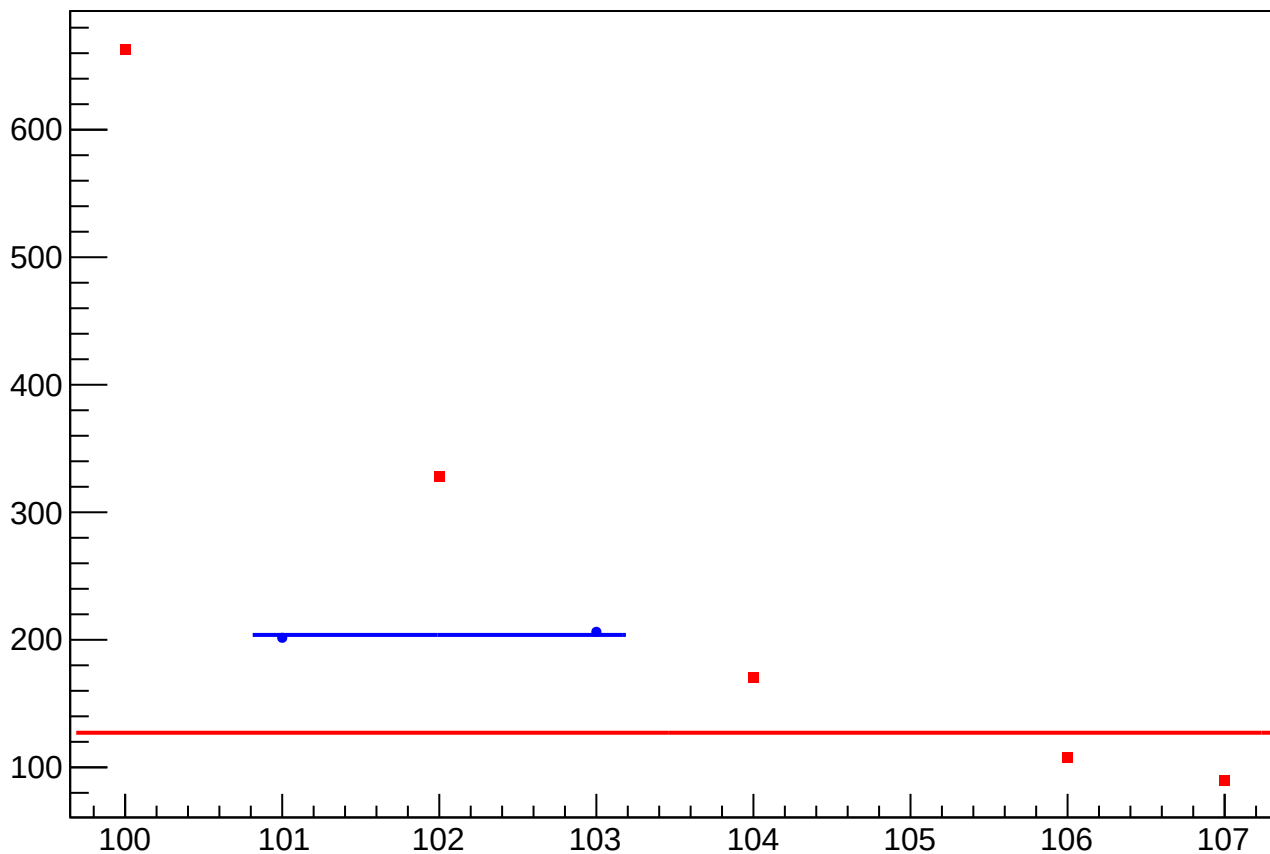
Right: 0.003 $\pm$ 0.103 χ^2 /NDF: 4.2/6

In: -0.029 $\pm$ 0.187 χ^2 /NDF:0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.103 χ^2 /NDF: 4.2/6

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 203.843 $\pm$ 0.132 χ^2 /NDF: 308.9/1

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

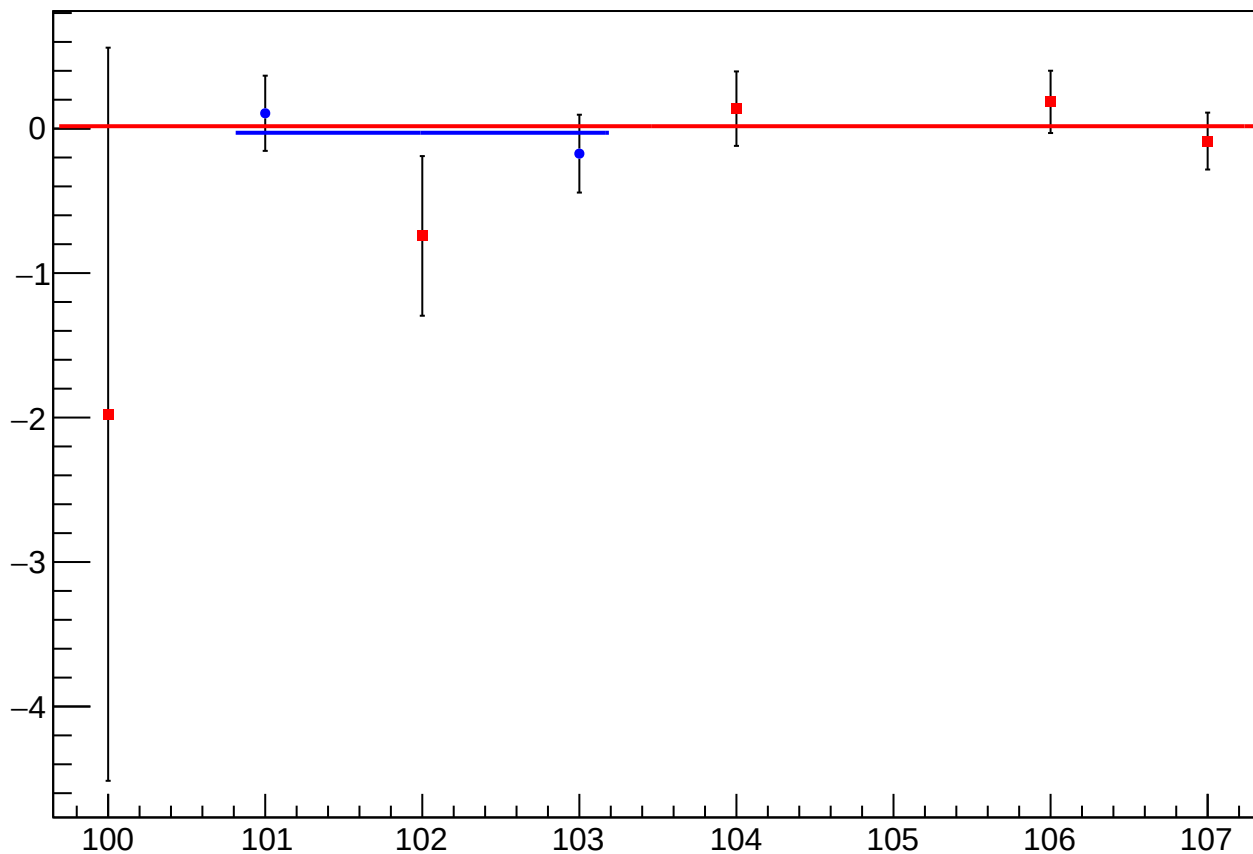
Right: 150.342 $\pm$ 0.073 χ^2 /NDF: 733685.0/6

In: 203.843 $\pm$ 0.132 χ^2 /NDF:308.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 150.342 $\pm$ 0.073 χ^2 /NDF: 733685.0/6

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 ± 0.187 $\chi^2/\text{NDF}: 0.6/1$

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 $\chi^2/\text{NDF}: 0.0/0$

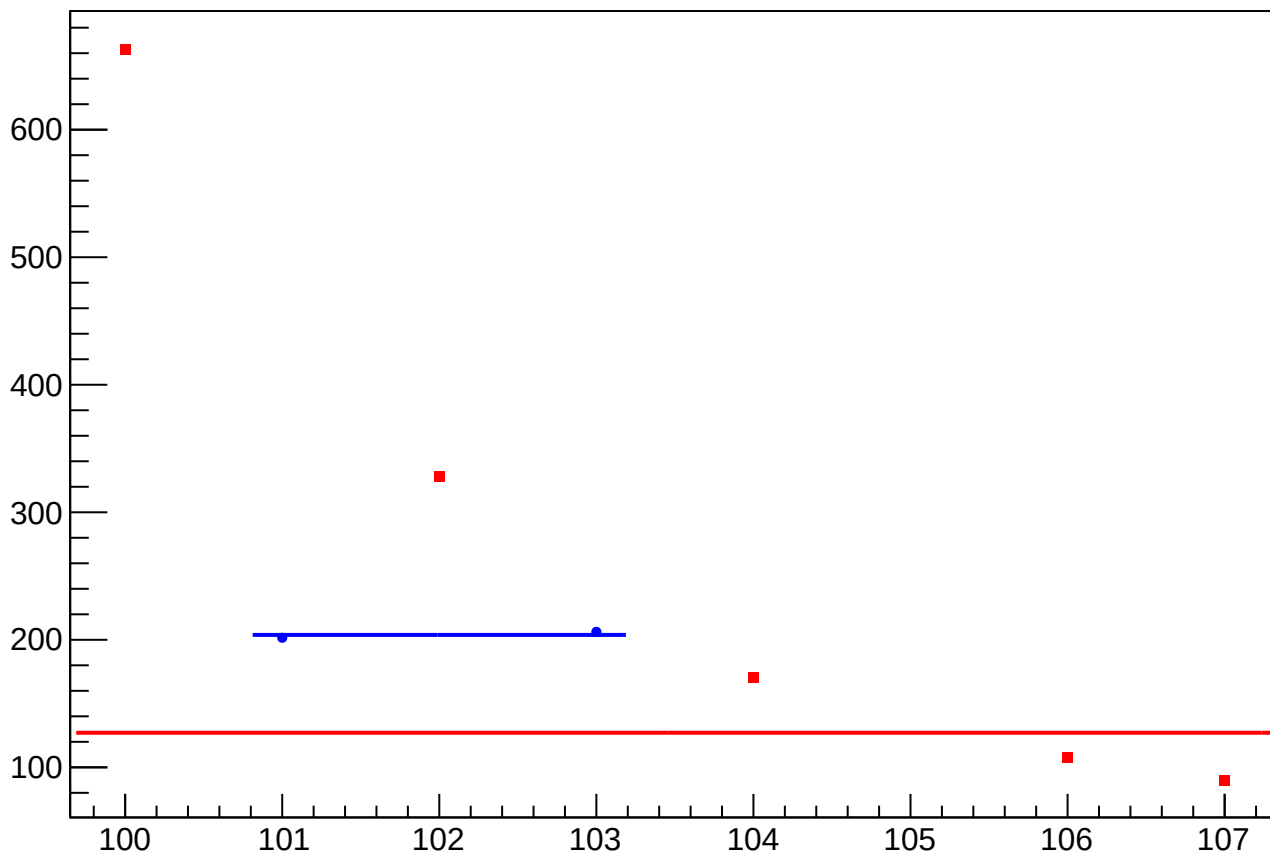
Right: 0.003 ± 0.103 $\chi^2/\text{NDF}: 4.2/6$

In: -0.029 ± 0.187 $\chi^2/\text{NDF}: 0.6/1$

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

All: 0.003 ± 0.103 $\chi^2/\text{NDF}: 4.2/6$

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 203.843 $\pm$ 0.132 χ^2 /NDF: 308.9/1

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

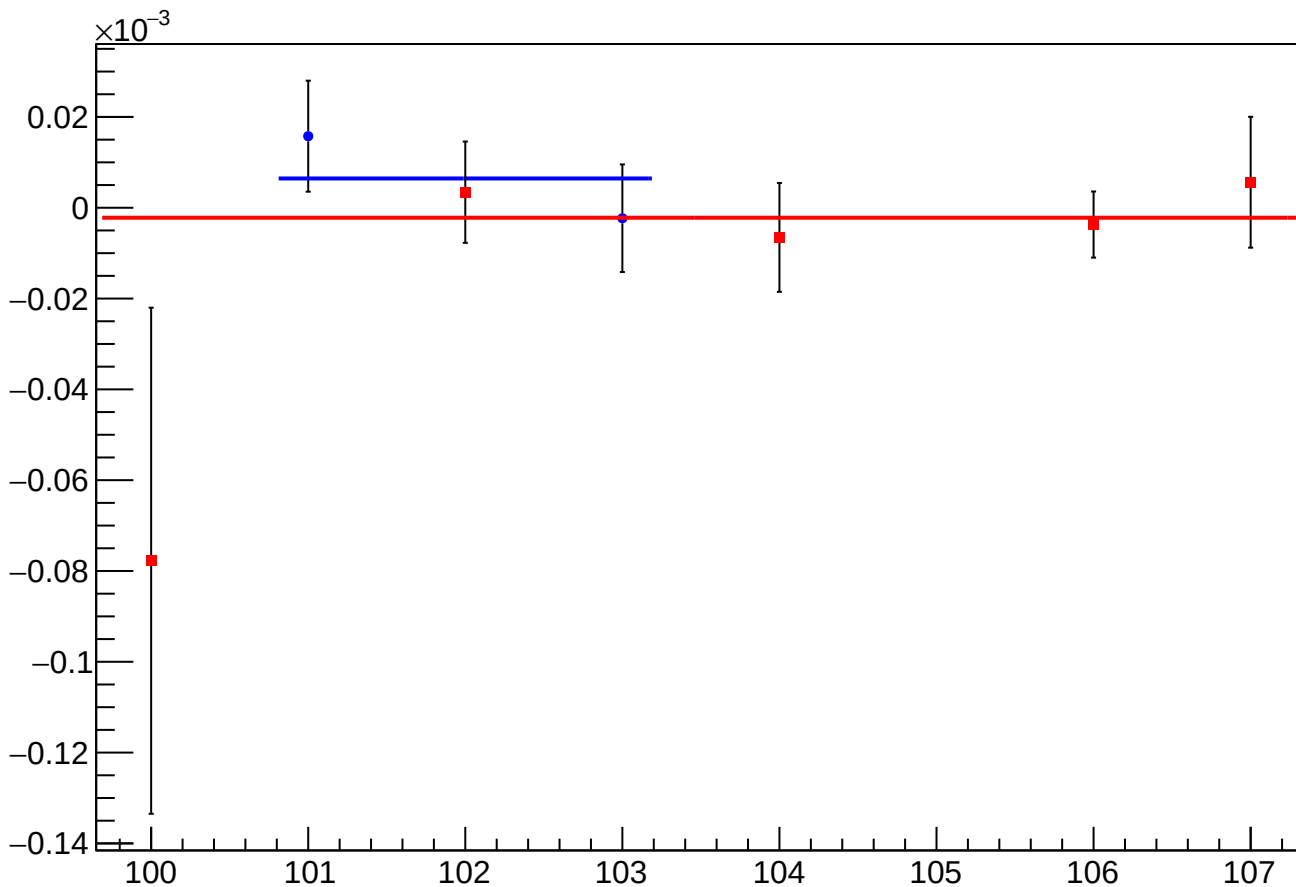
Right: 150.342 $\pm$ 0.073 χ^2 /NDF: 733685.0/6

In: 203.843 $\pm$ 0.132 χ^2 /NDF:308.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 150.342 $\pm$ 0.073 χ^2 /NDF: 733685.0/6

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 : 1.1/1

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

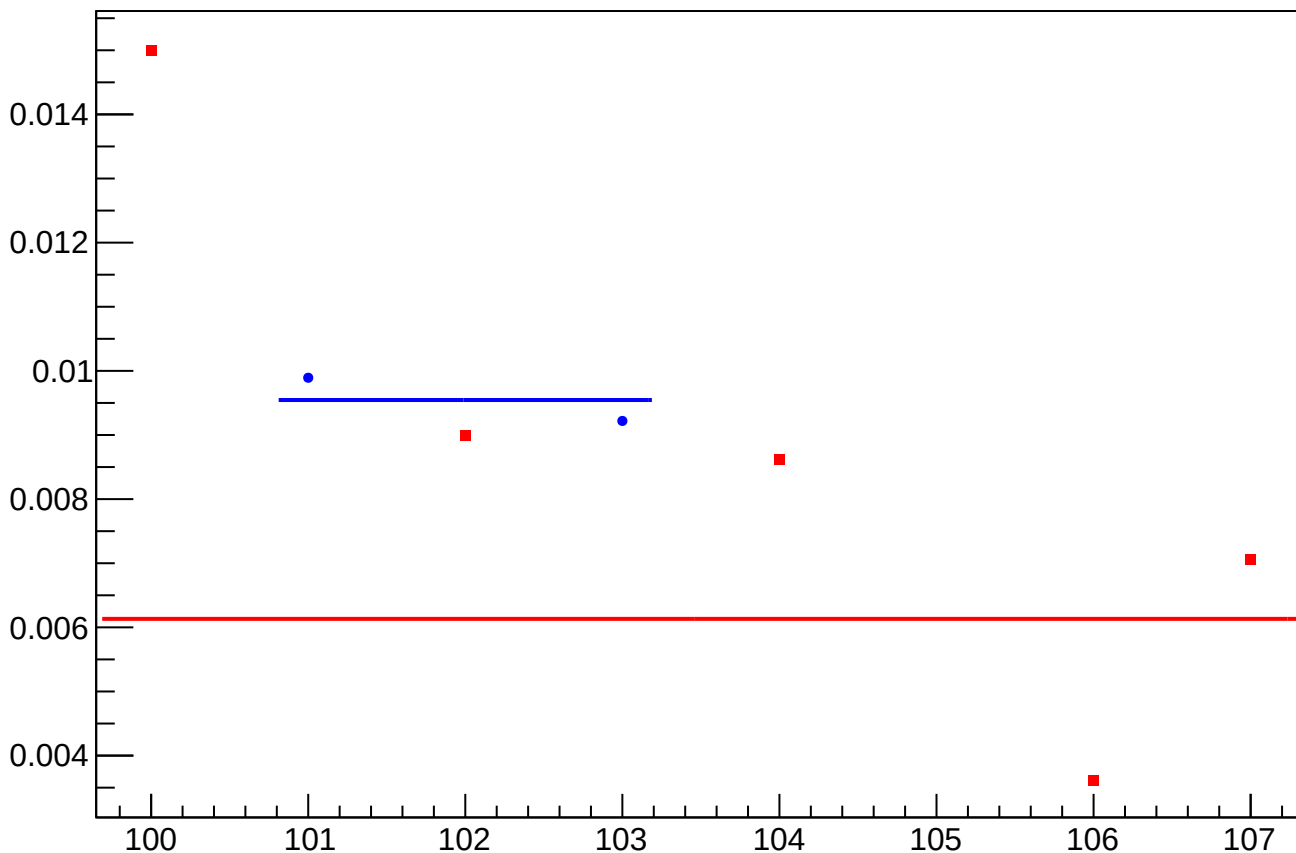
Right: 0.000+/-0.000 χ^2/NDF : 4.4/6

In: 0.000+/-0.000 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.4/6

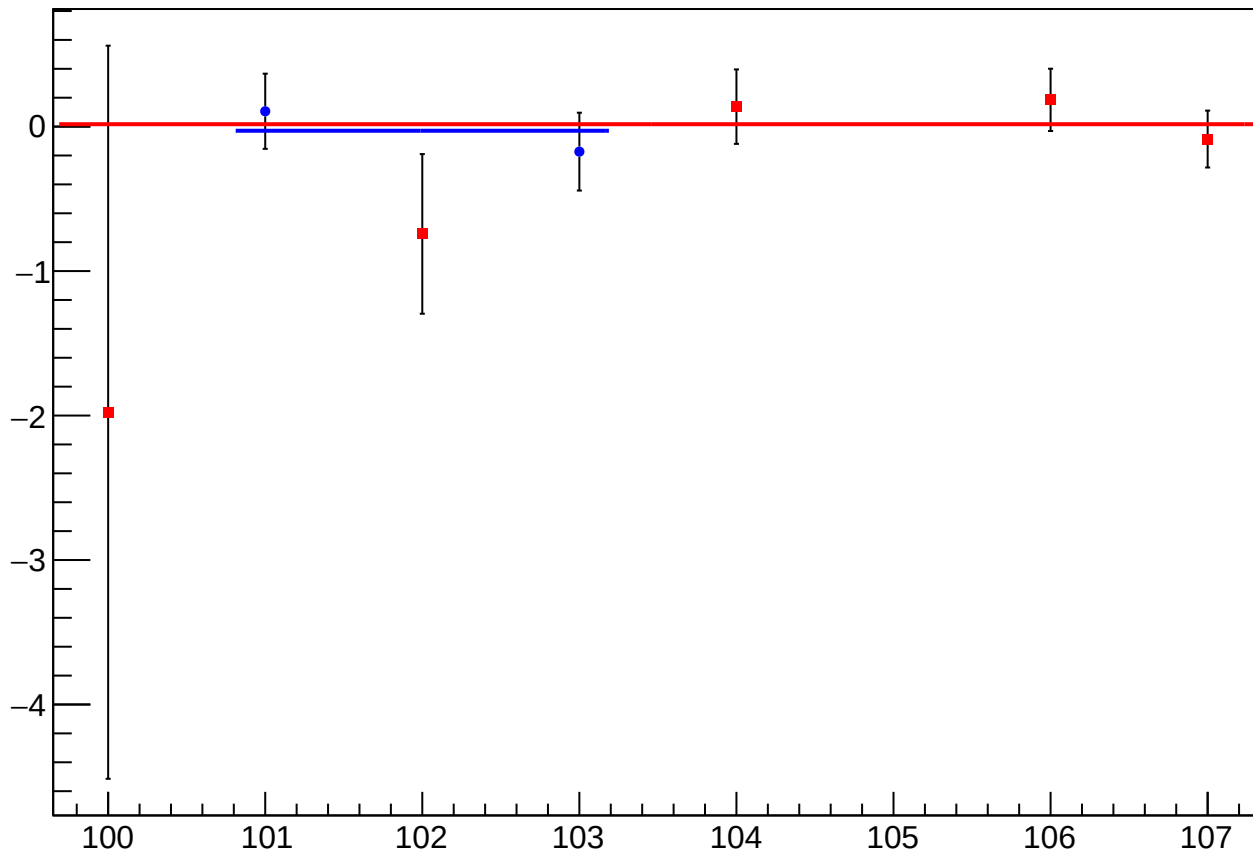
asym_at1_avg_at2_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 3128.3/1
 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: 0.007+/-0.000 χ^2/NDF : 756036.4/6
 In: 0.010+/-0.000 χ^2/NDF : 3128.3/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.007+/-0.000 χ^2/NDF : 756036.4/6

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 $\pm$ 0.187 χ^2 /NDF: 0.6/1

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

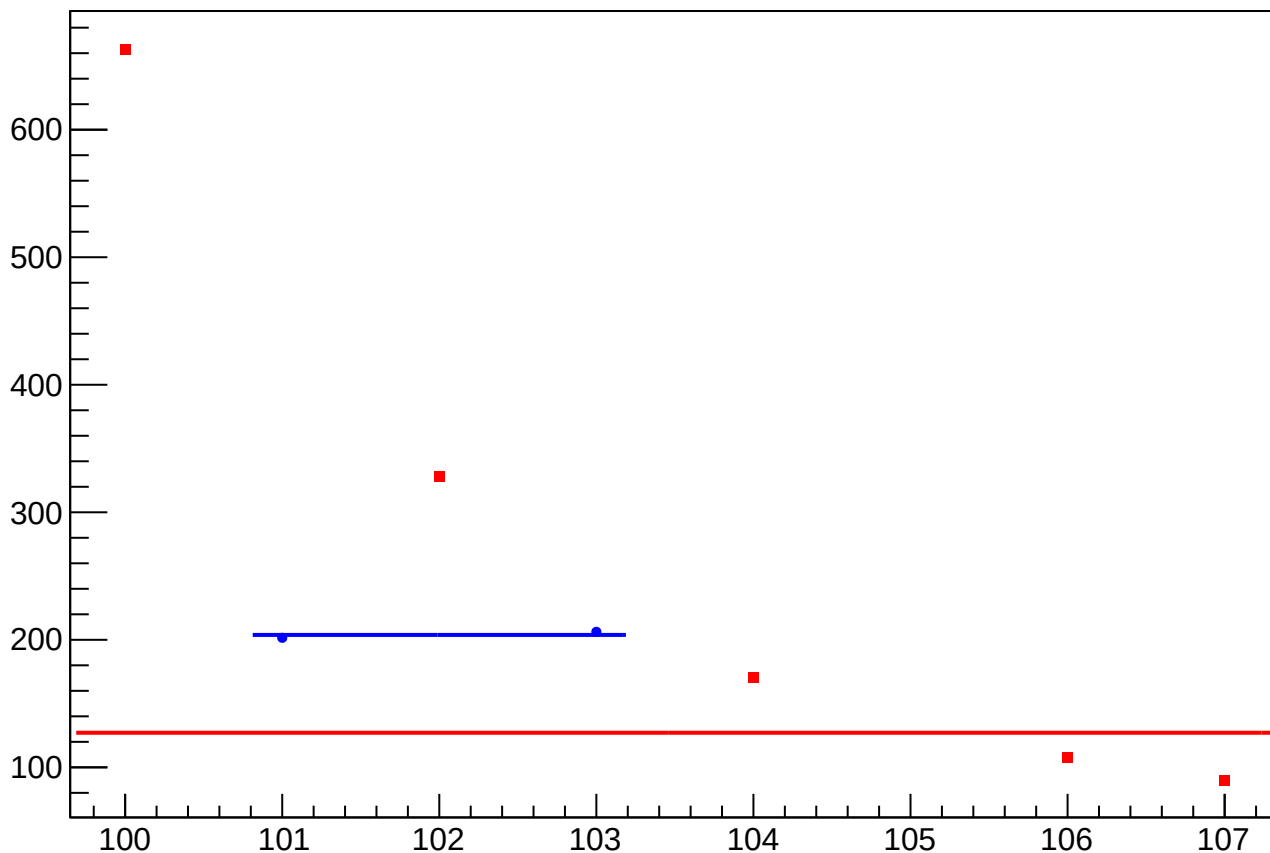
Right: 0.003 $\pm$ 0.103 χ^2 /NDF: 4.2/6

In: -0.029 $\pm$ 0.187 χ^2 /NDF:0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.103 χ^2 /NDF: 4.2/6

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 203.840 $\pm$ 0.132 χ^2 /NDF: 309.0/1

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

Right Out: 127.129 $\pm$ 0.087 χ^2 /NDF: 499002.1/4

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

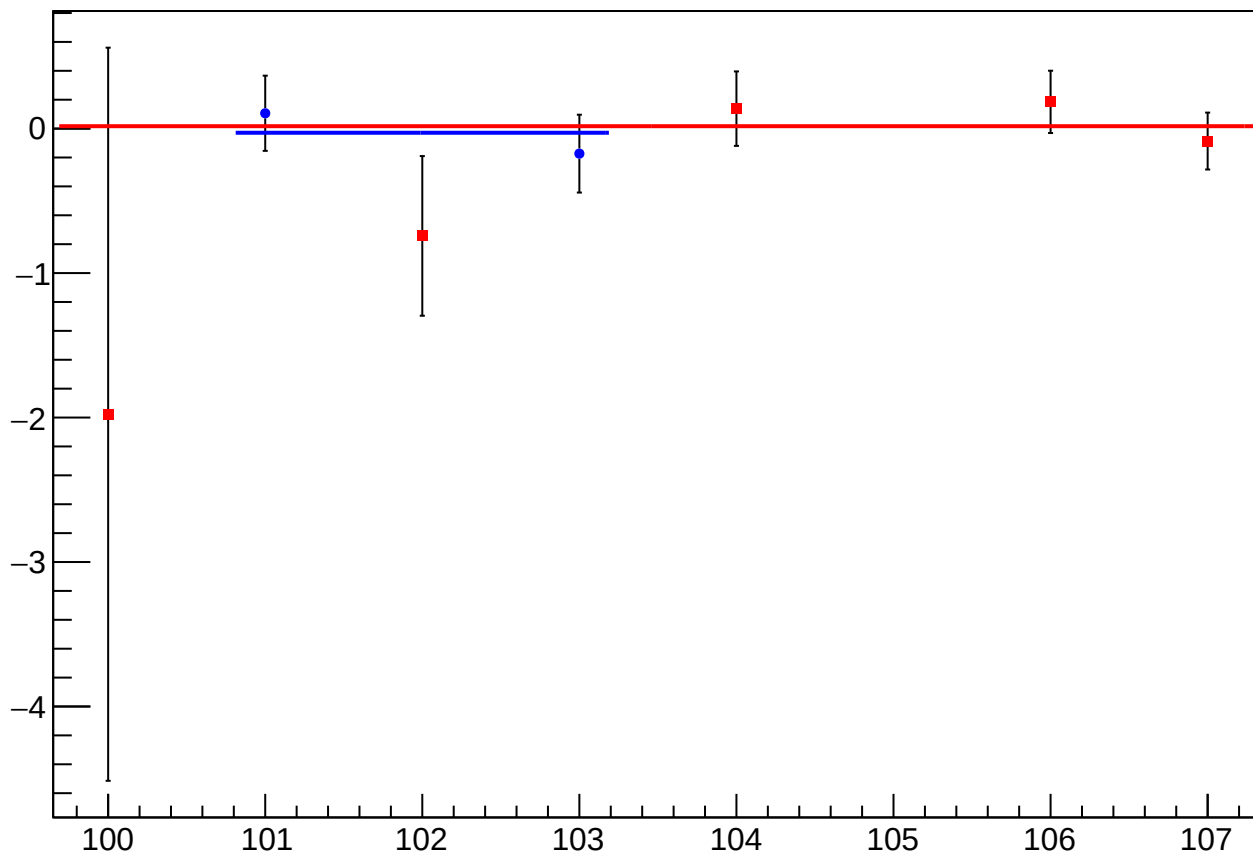
Right: 150.345 $\pm$ 0.073 χ^2 /NDF: 733607.5/6

In: 203.840 $\pm$ 0.132 χ^2 /NDF:309.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 150.345 $\pm$ 0.073 χ^2 /NDF: 733607.5/6

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 ± 0.187 $\chi^2/\text{NDF}: 0.6/1$

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 $\chi^2/\text{NDF}: 0.0/0$

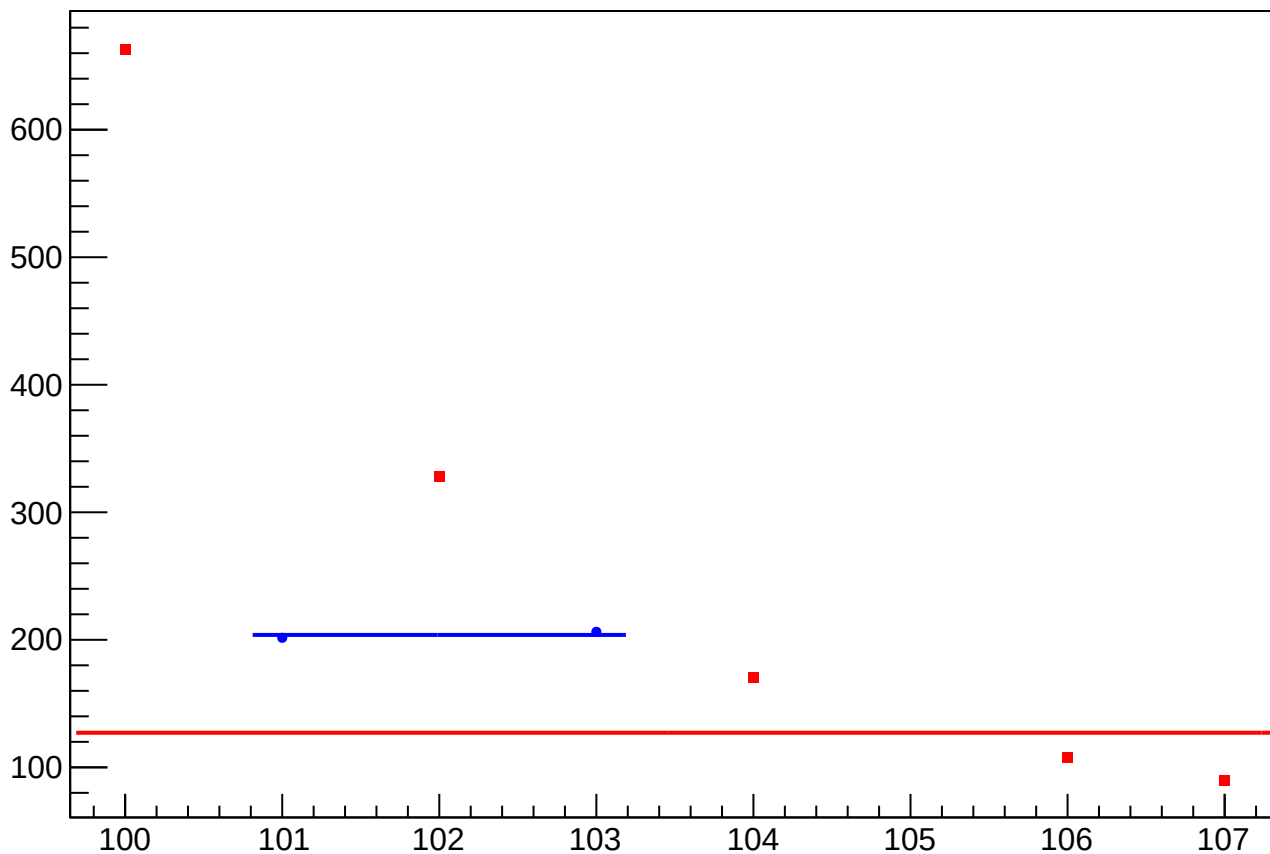
Right: 0.003 ± 0.103 $\chi^2/\text{NDF}: 4.2/6$

In: -0.029 ± 0.187 $\chi^2/\text{NDF}: 0.6/1$

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

All: 0.003 ± 0.103 $\chi^2/\text{NDF}: 4.2/6$

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 203.840+/-0.132 χ^2/NDF : 309.0/1

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

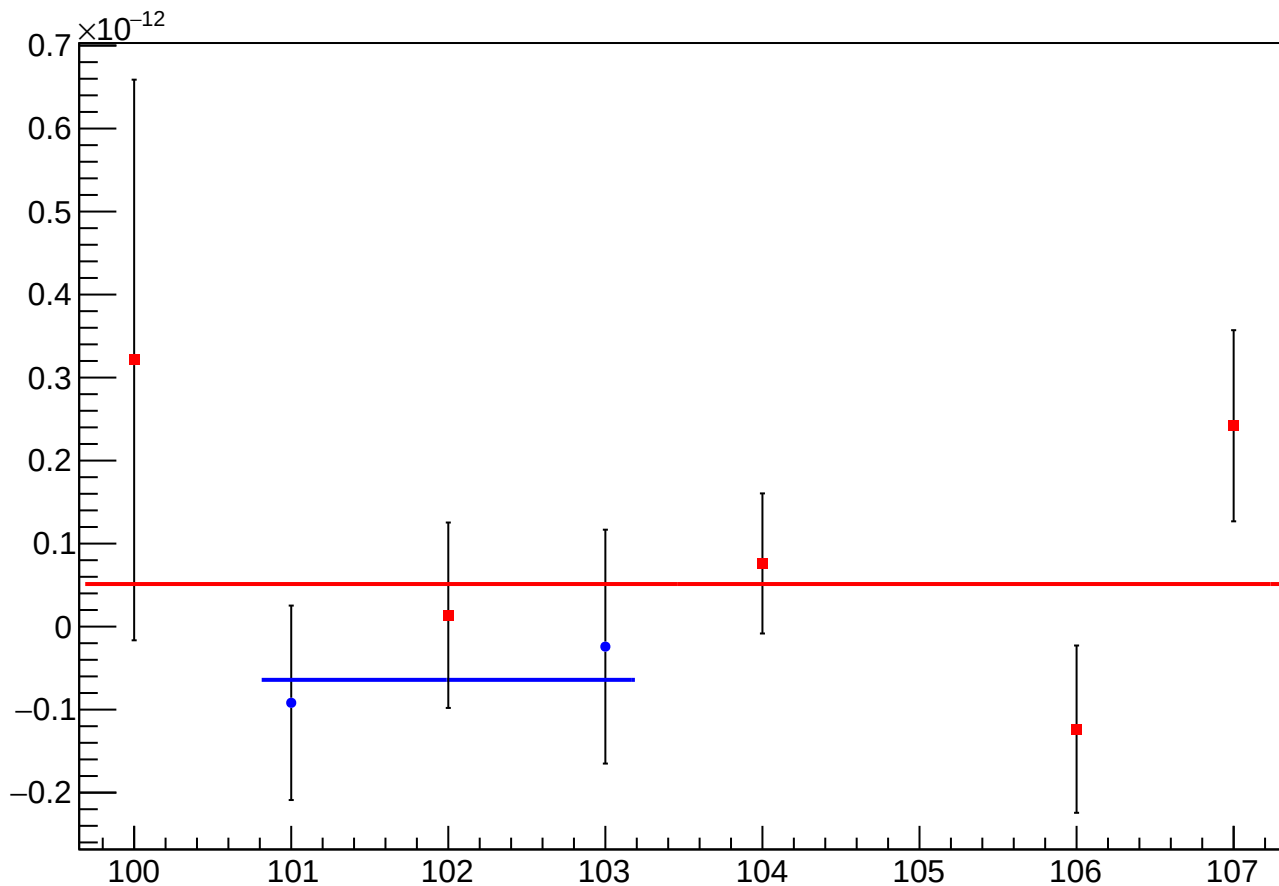
Right: 150.345+/-0.073 χ^2/NDF : 733607.5/6

In: 203.840+/-0.132 χ^2/NDF : 309.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.345+/-0.073 χ^2/NDF : 733607.5/6

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 : 0.1/1

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

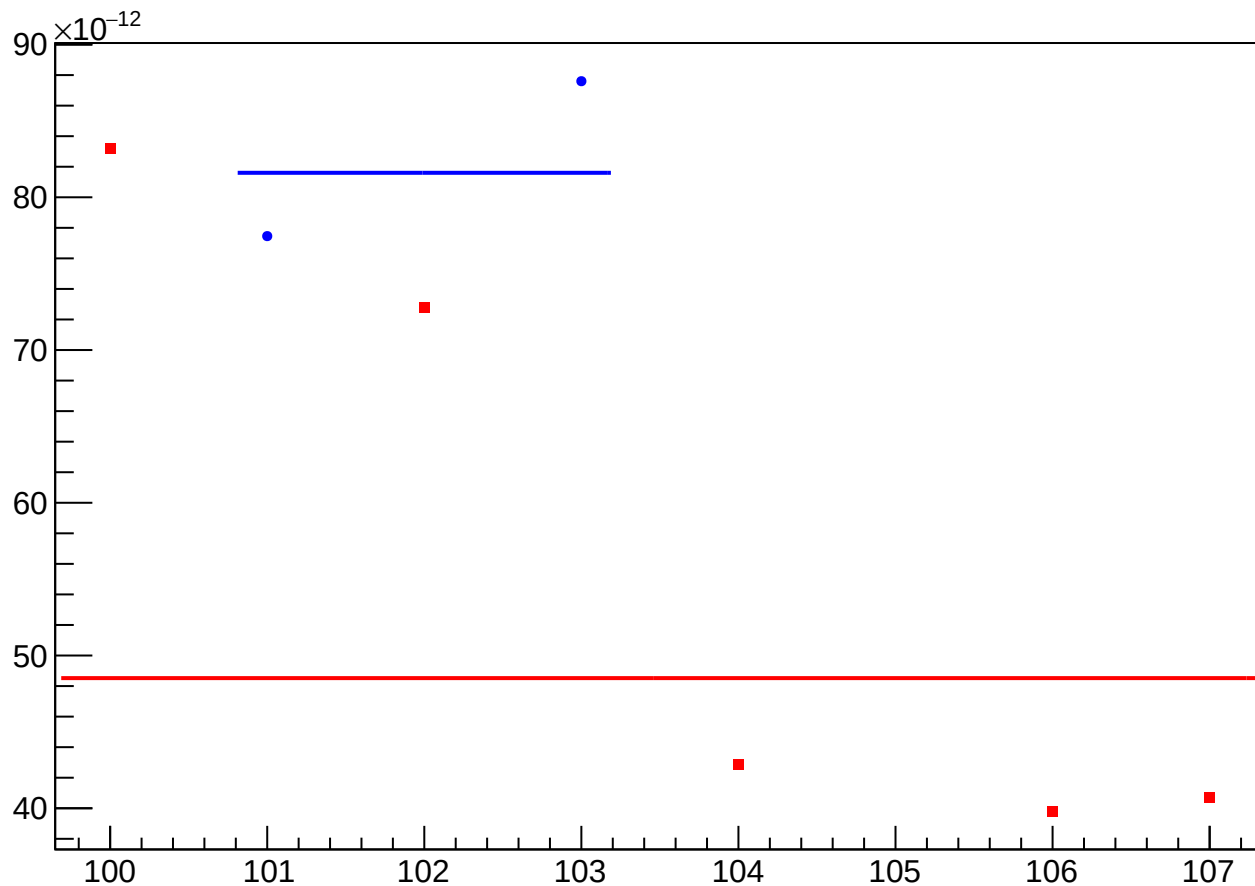
Right: 0.000+/-0.000 χ^2/NDF : 8.0/6

In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.0/6

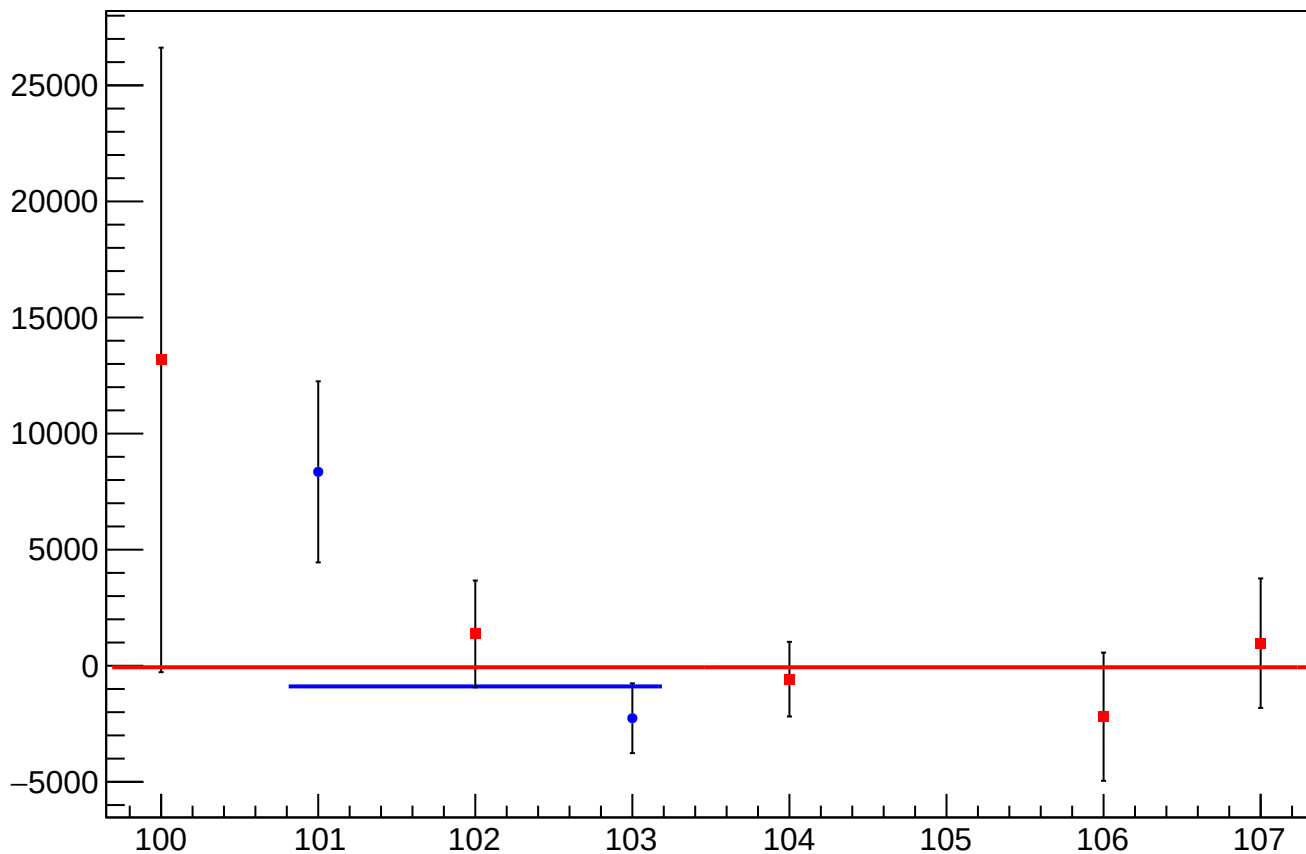
asym_at1_avg_at2_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6129.9/1
 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 : 361566.6/6
 In: 0.000+/-0.000 χ^2/NDF : 6129.9/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 361566.6/6

reg_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -889.732+/-1401.633 χ^2/NDF : 6.4/1

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

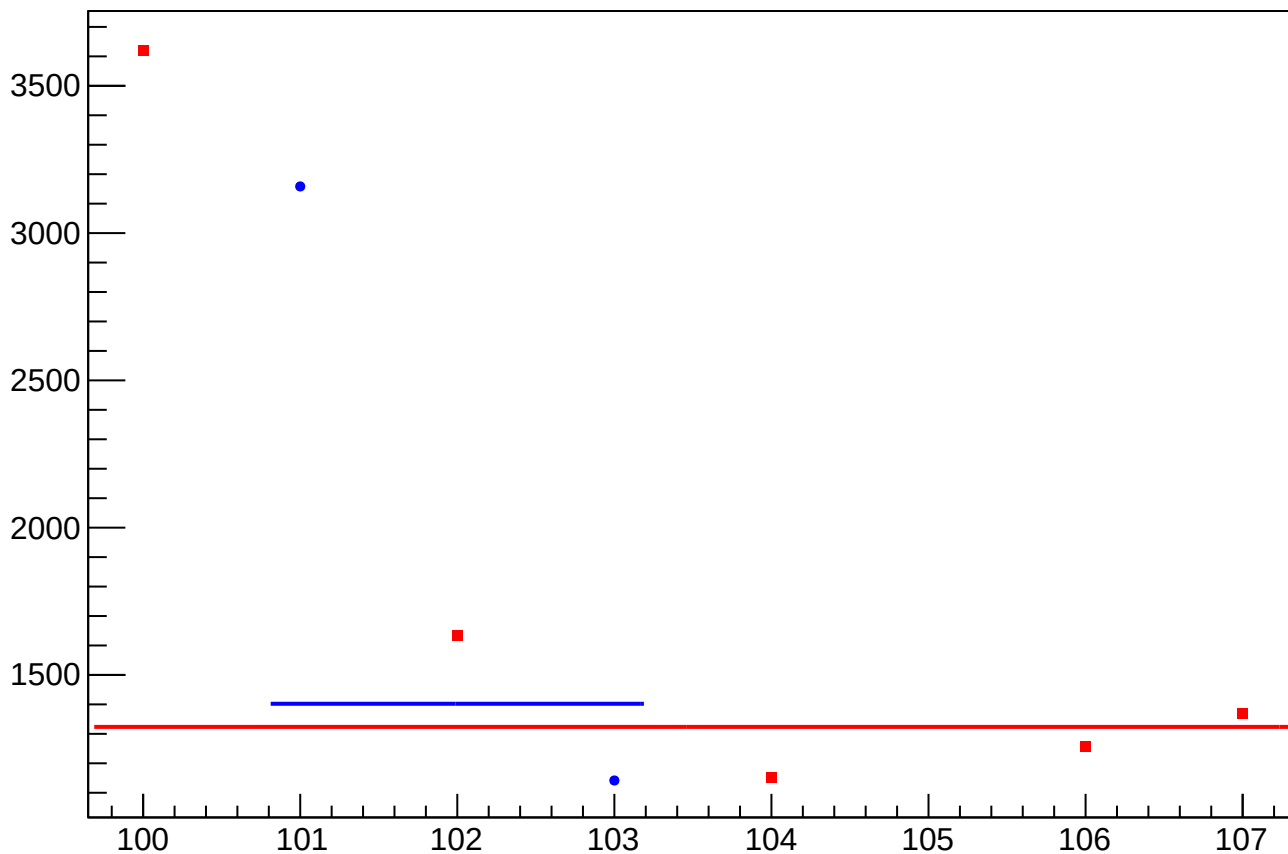
Right: -375.585+/-860.411 χ^2/NDF : 8.9/6

In: -889.732+/-1401.633 χ^2/NDF : 6.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -375.585+/-860.411 χ^2/NDF : 8.9/6

reg_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1402.128+/-0.991 χ^2 /NDF: 465720.1/1

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

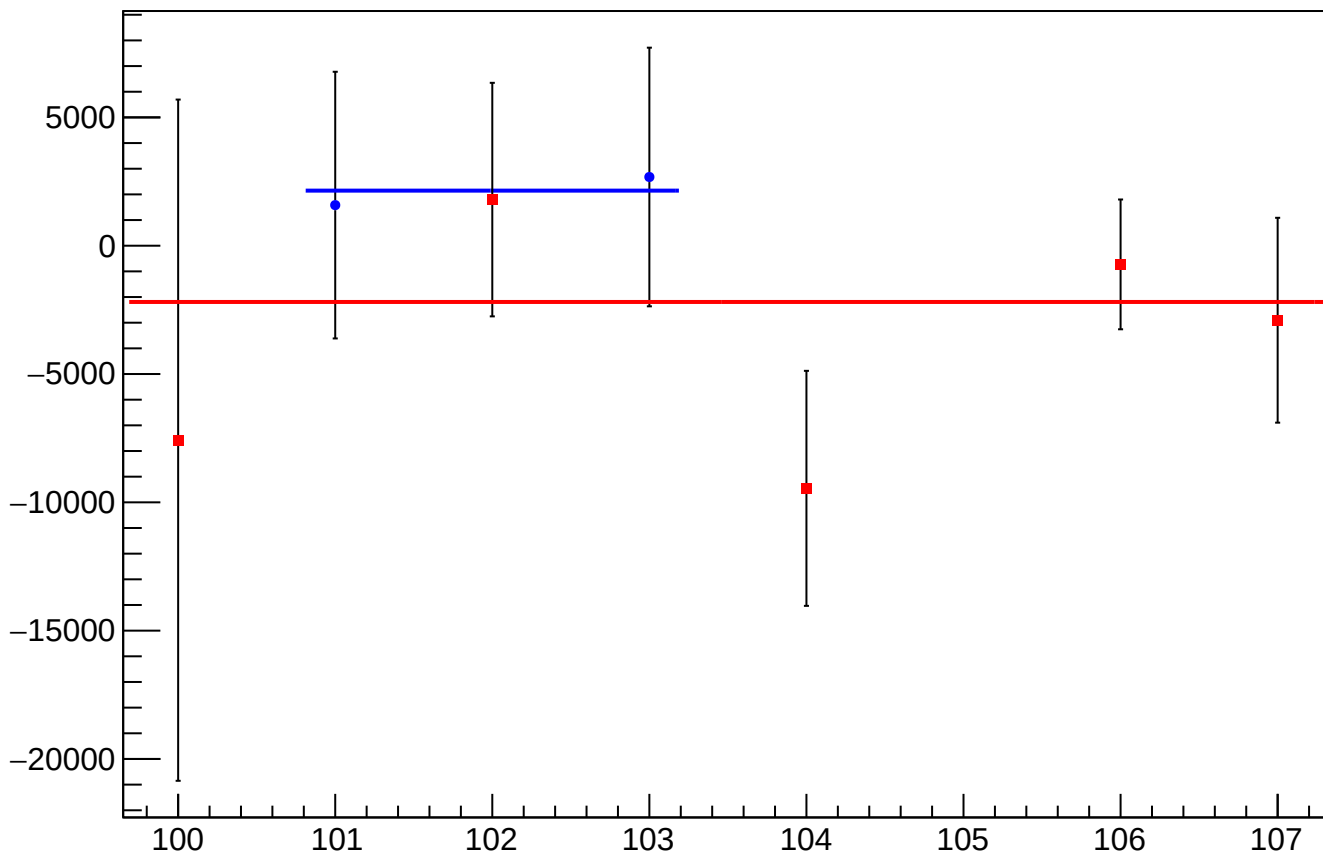
Right: 1352.701+/-0.603 χ^2 /NDF: 589432.7/6

In: 1402.128+/-0.991 χ^2 /NDF:465720.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1352.701+/-0.603 χ^2 /NDF: 589432.7/6

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 2146.539+/-3617.614 χ^2/NDF : 0.0/1

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

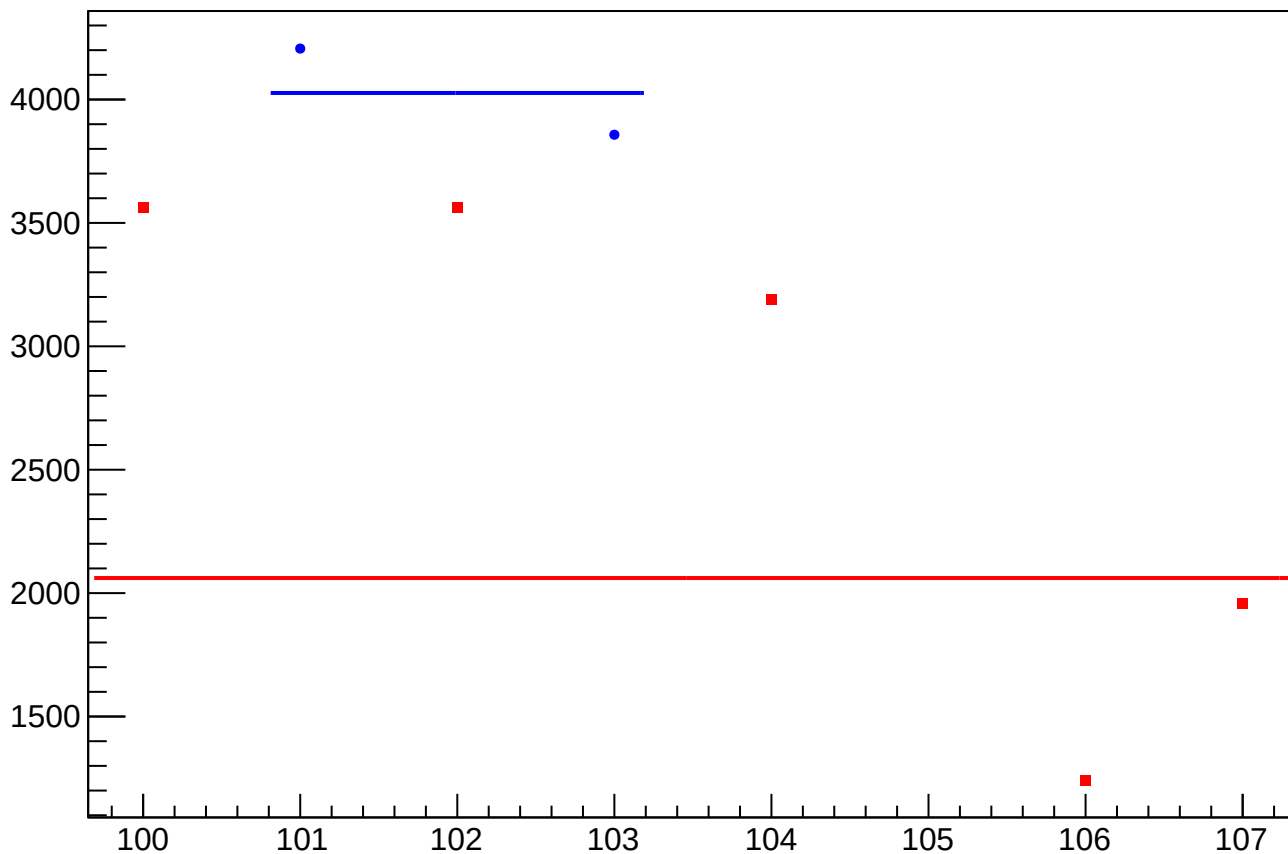
Right: -1357.375+/-1586.690 χ^2/NDF : 5.0/6

In: 2146.539+/-3617.614 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1357.375+/-1586.690 χ^2/NDF : 5.0/6

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 4026.541 $\pm$ 2.558 χ^2 /NDF: 4651.2/1

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

Right Out: 2061.173 $\pm$ 1.248 χ^2 /NDF: 576043.5/4

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

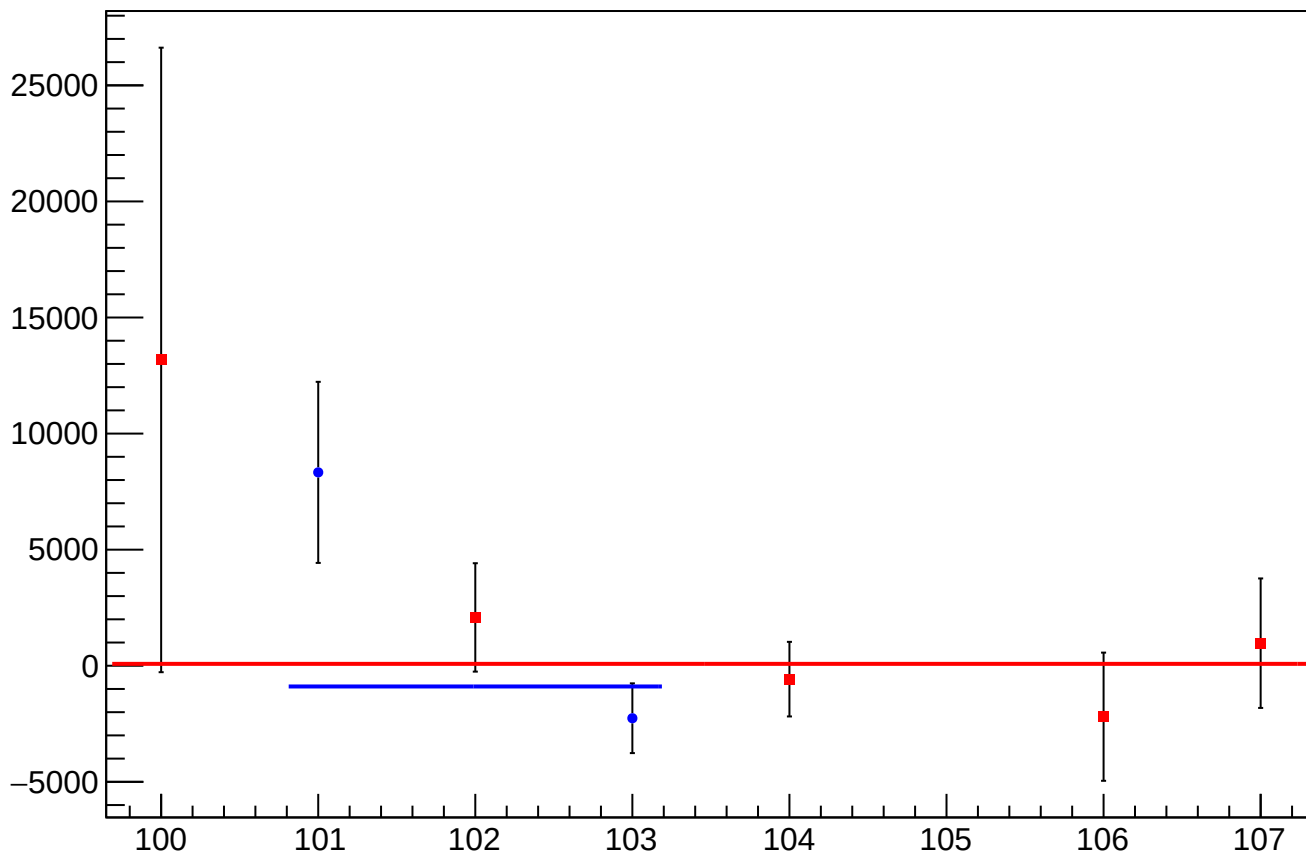
Right: 2439.253 $\pm$ 1.122 χ^2 /NDF: 1057438.8/6

In: 4026.541 $\pm$ 2.558 χ^2 /NDF:4651.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2439.253 $\pm$ 1.122 χ^2 /NDF: 1057438.8/6

cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -892.590+/-1401.635 χ^2/NDF : 6.4/1

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

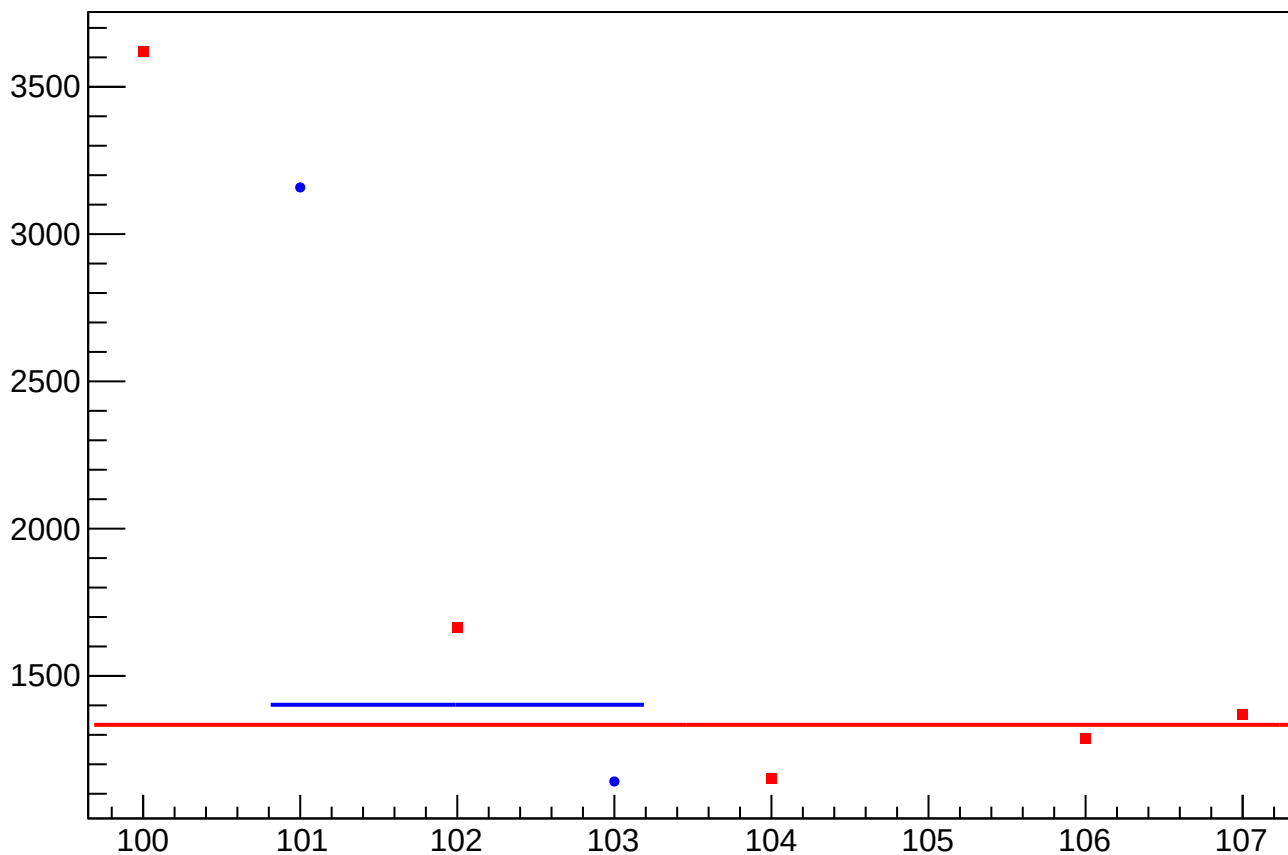
Right: -287.171+/-862.192 χ^2/NDF : 9.4/6

In: -892.590+/-1401.635 χ^2/NDF : 6.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -287.171+/-862.192 χ^2/NDF : 9.4/6

cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1402.126+/-0.991 χ^2/NDF : 465721.9/1

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

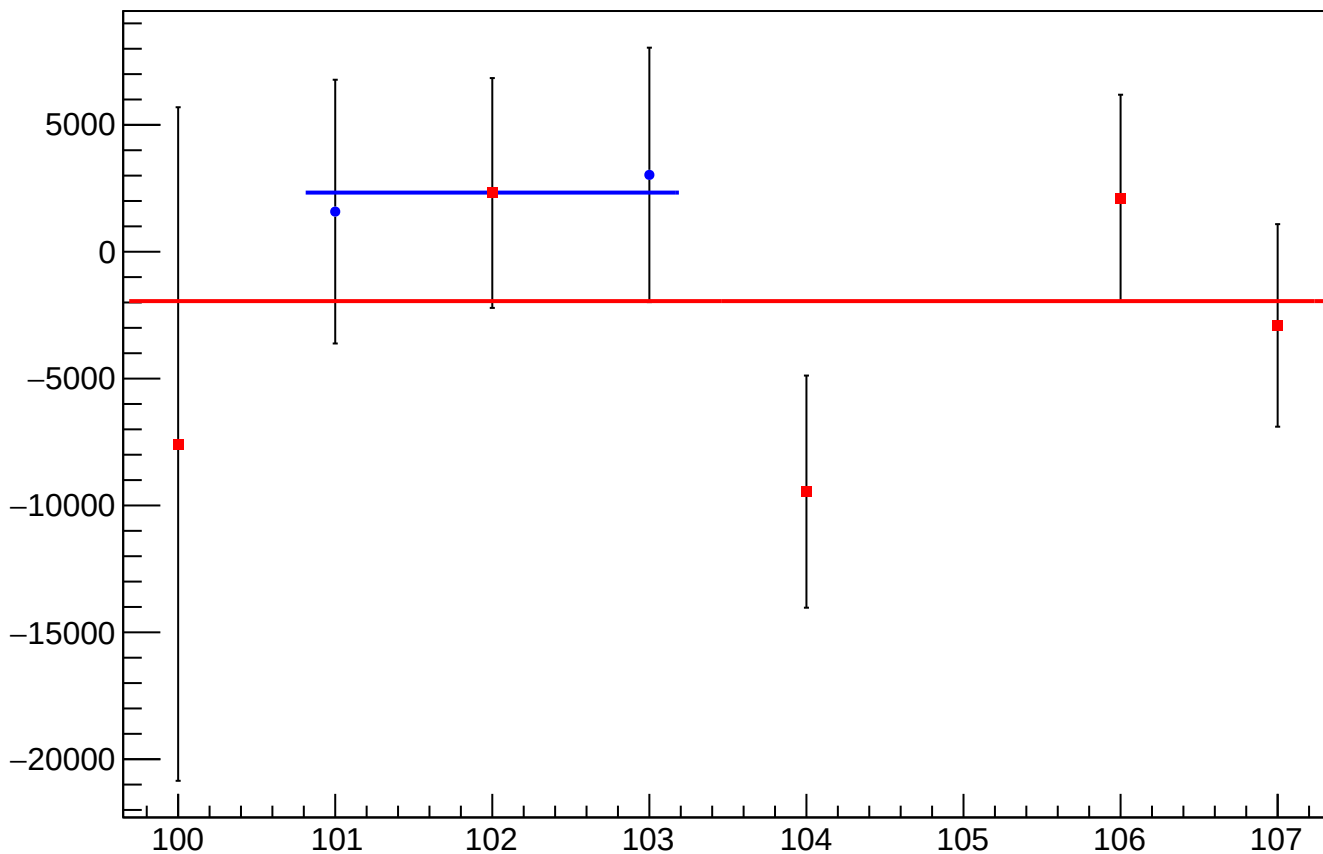
Right: 1359.461+/-0.606 χ^2/NDF : 593959.0/6

In: 1402.126+/-0.991 χ^2/NDF : 465721.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1359.461+/-0.606 χ^2/NDF : 593959.0/6

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 2331.028+/-3608.418 χ^2/NDF : 0.0/1

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

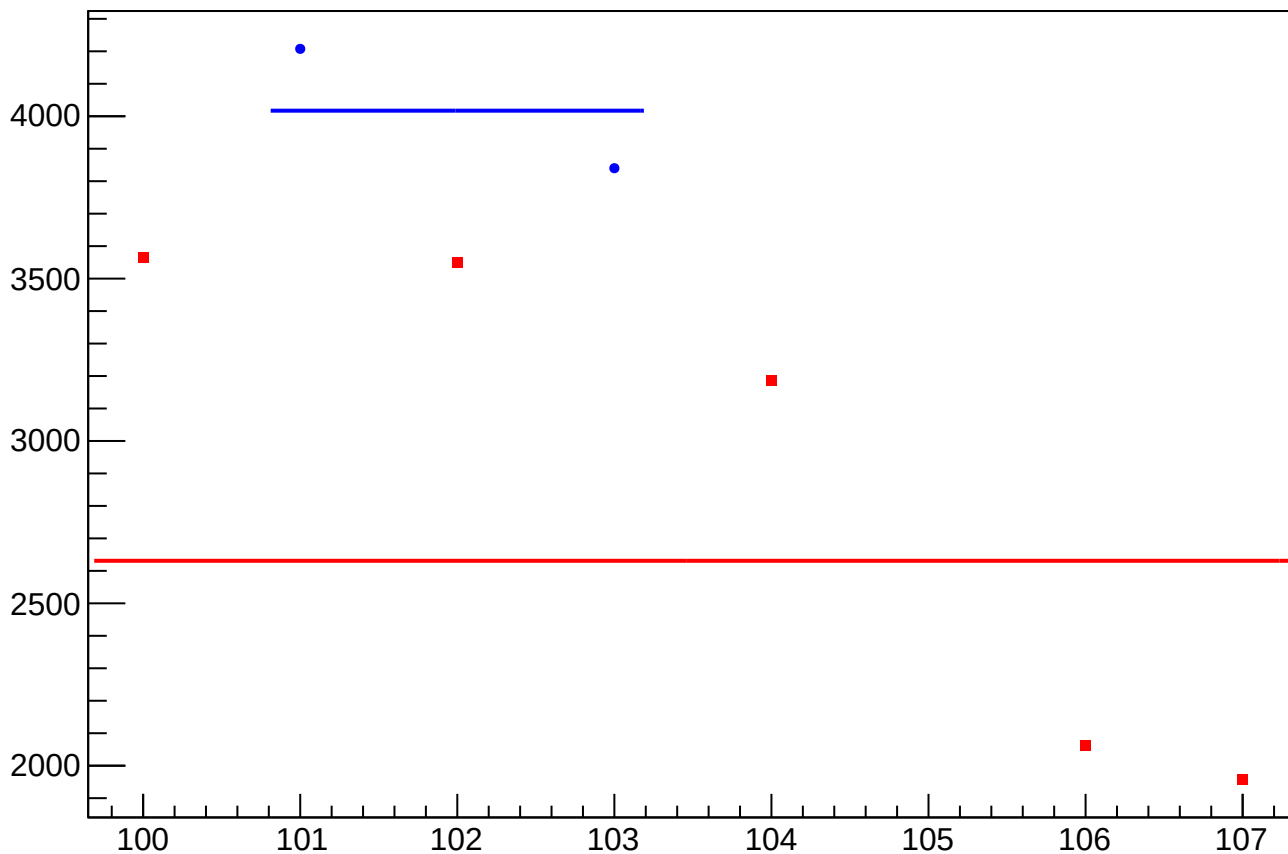
Right: -857.566+/-1820.329 χ^2/NDF : 5.9/6

In: 2331.028+/-3608.418 χ^2/NDF :0.0/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -857.566+/-1820.329 χ^2/NDF : 5.9/6

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 4017.164+/-2.552 χ^2/NDF : 5180.0/1

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

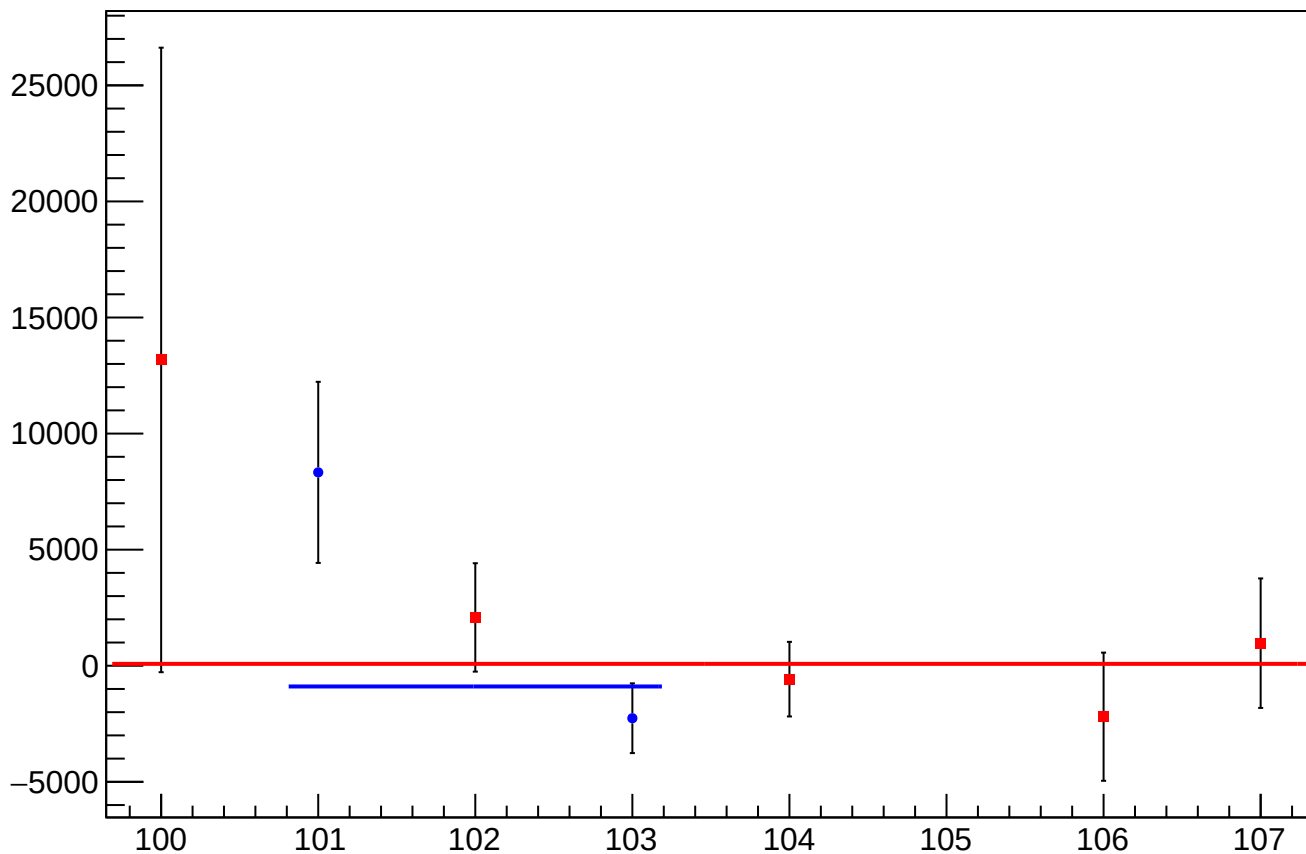
Right: 2983.766+/-1.287 χ^2/NDF : 442884.3/6

In: 4017.164+/-2.552 χ^2/NDF : 5180.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2983.766+/-1.287 χ^2/NDF : 442884.3/6

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -892.590+/-1401.635 χ^2/NDF : 6.4/1

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

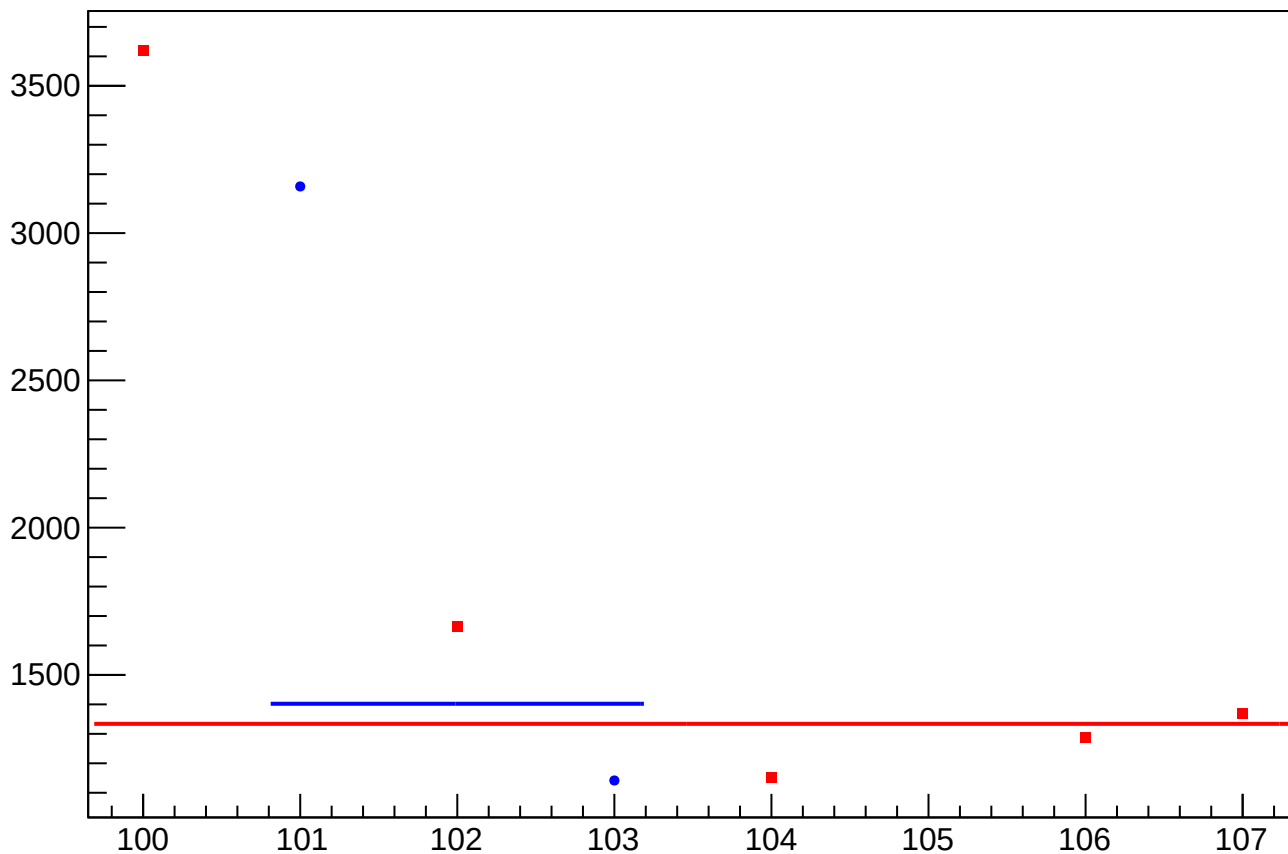
Right: -287.171+/-862.192 χ^2/NDF : 9.4/6

In: -892.590+/-1401.635 χ^2/NDF : 6.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -287.171+/-862.192 χ^2/NDF : 9.4/6

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1402.126+/-0.991 χ^2/NDF : 465721.9/1

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

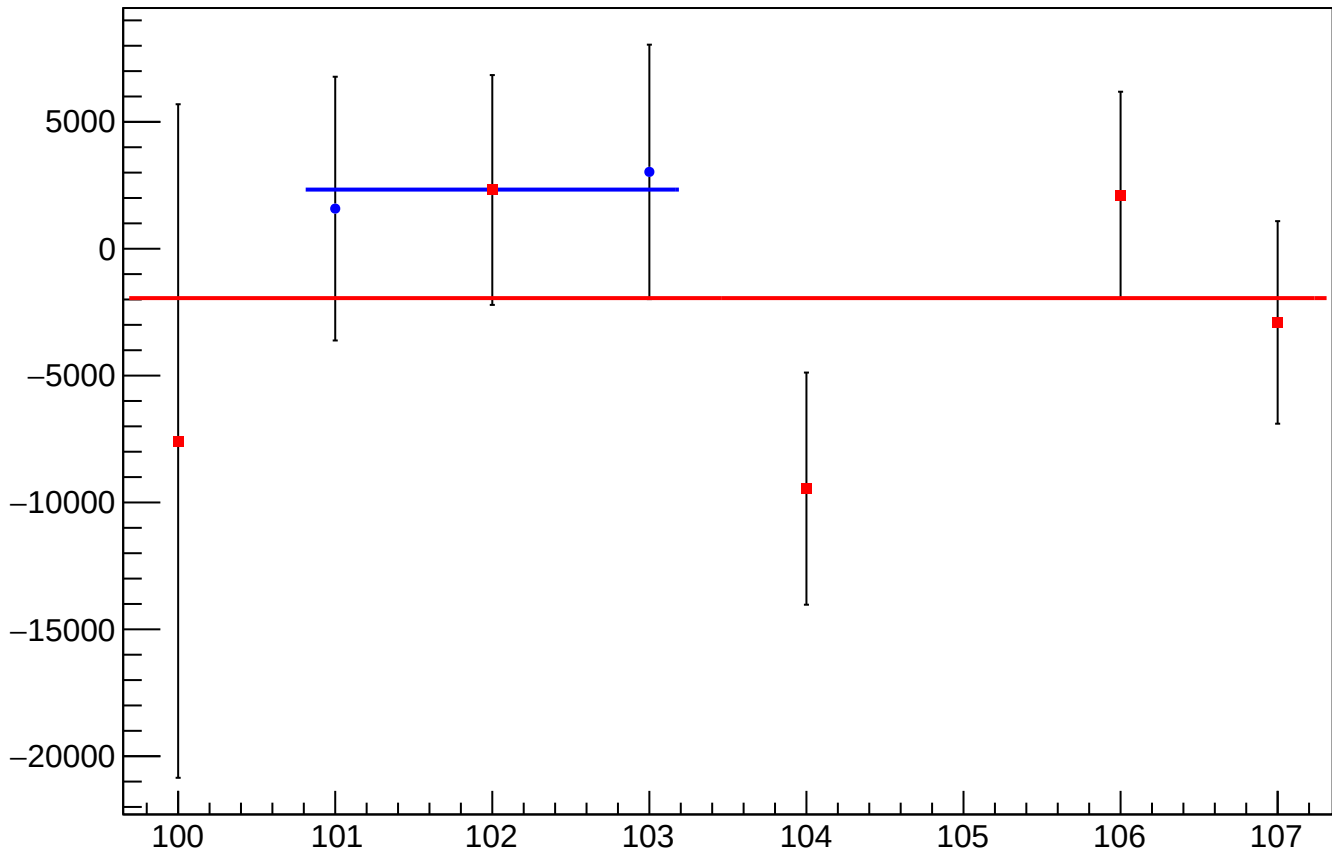
Right: 1359.461+/-0.606 χ^2/NDF : 593959.0/6

In: 1402.126+/-0.991 χ^2/NDF : 465721.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1359.461+/-0.606 χ^2/NDF : 593959.0/6

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2331.028+/-3608.418 χ^2/NDF : 0.0/1

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

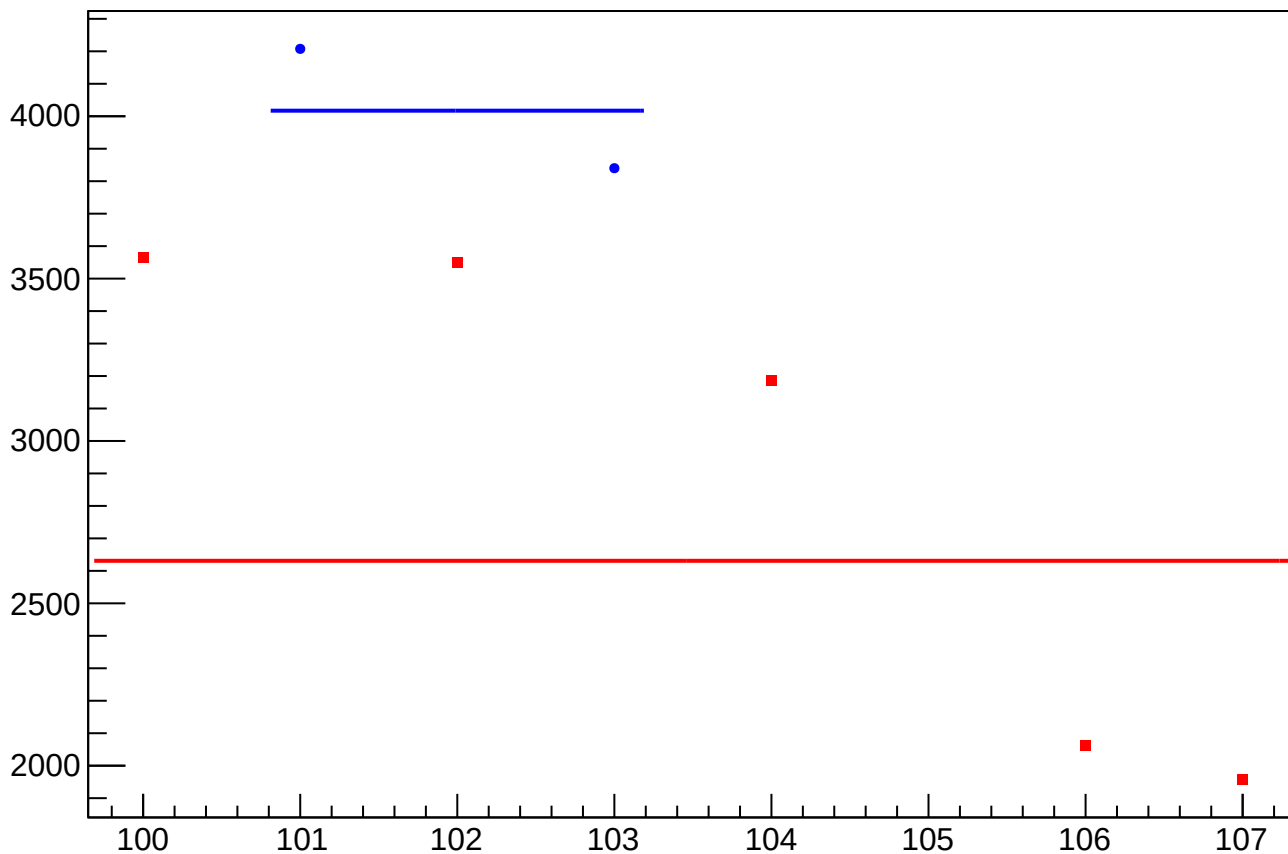
Right: -857.566+/-1820.329 χ^2/NDF : 5.9/6

In: 2331.028+/-3608.418 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -857.566+/-1820.329 χ^2/NDF : 5.9/6

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4017.164+/-2.552 χ^2/NDF : 5180.0/1

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

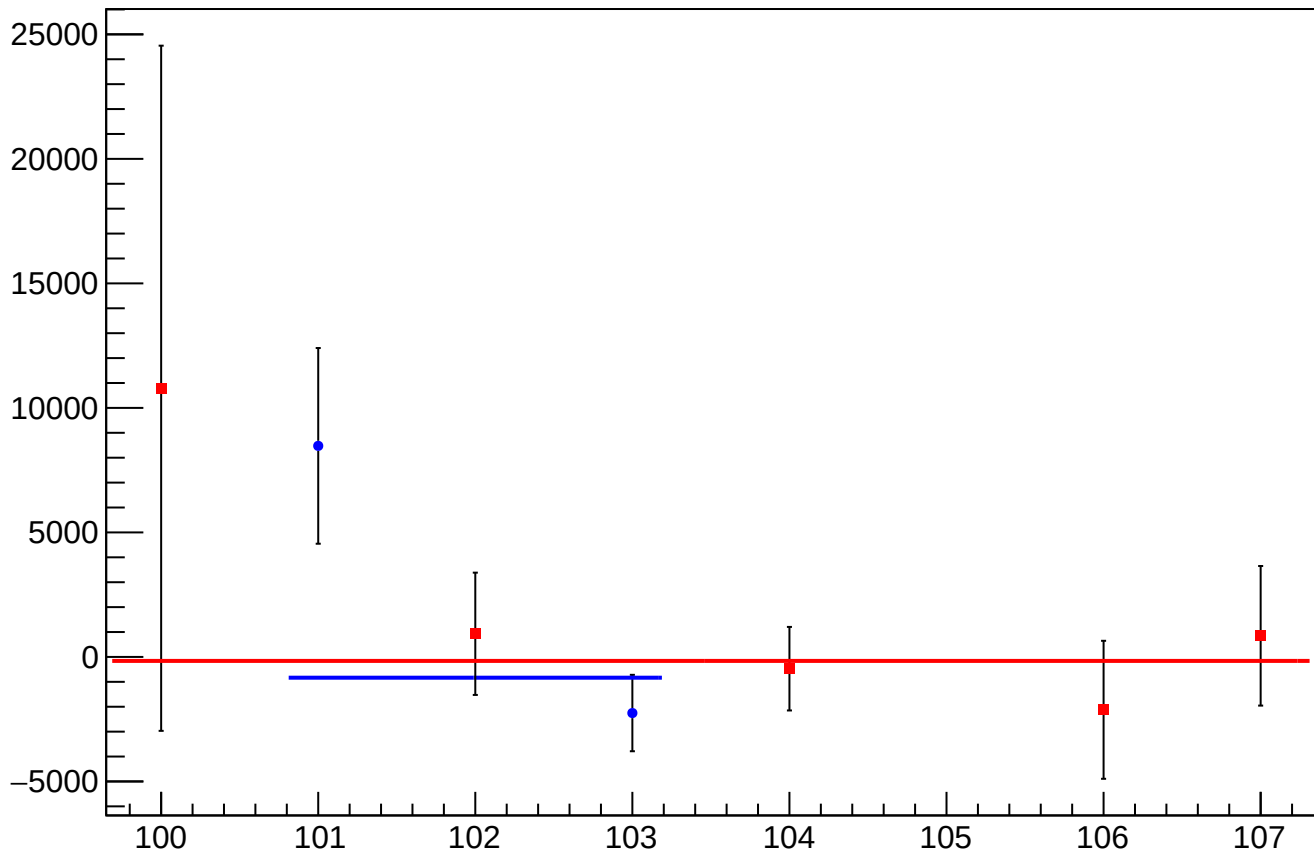
Right: 2983.766+/-1.287 χ^2/NDF : 442884.3/6

In: 4017.164+/-2.552 χ^2/NDF : 5180.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2983.766+/-1.287 χ^2/NDF : 442884.3/6

dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -833.774+/-1429.215 χ^2/NDF : 6.5/1

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

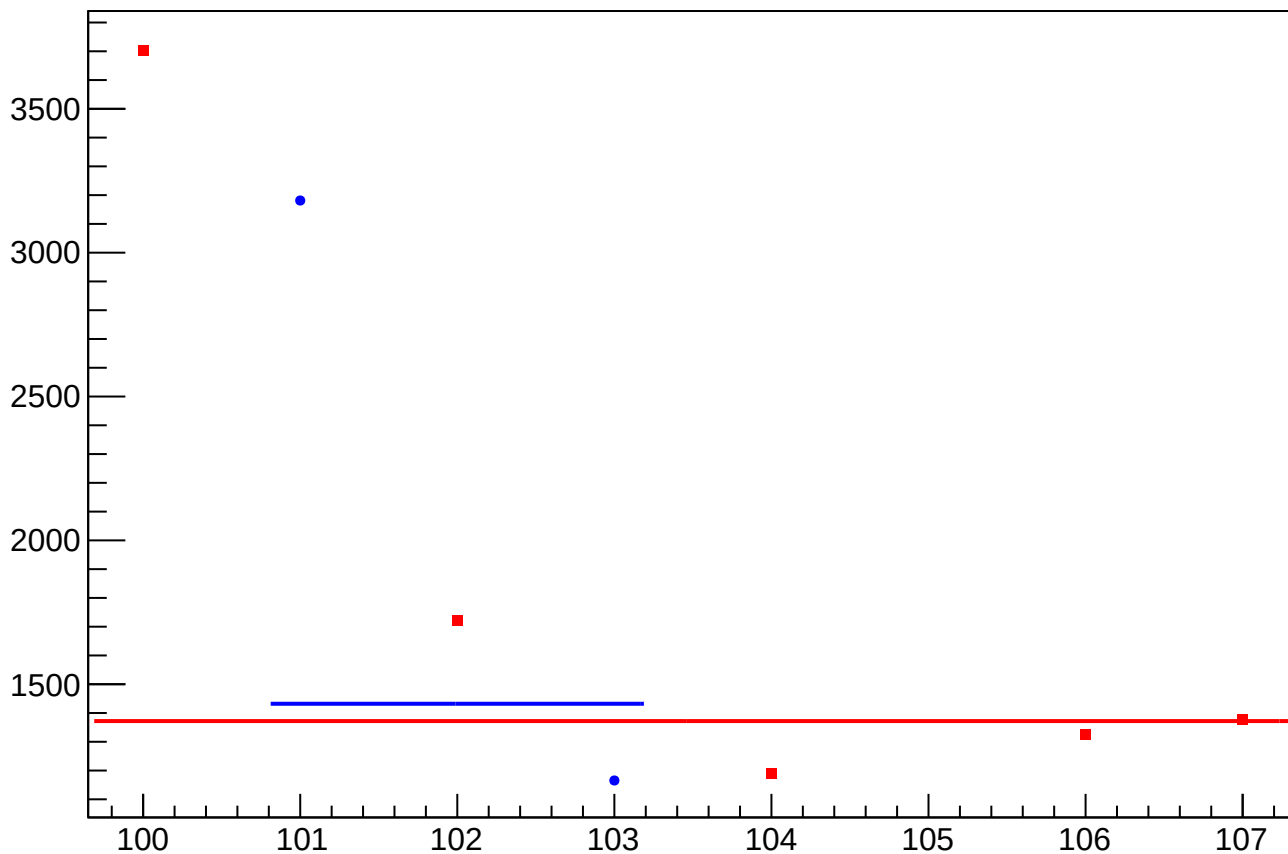
Right: -418.804+/-886.068 χ^2/NDF : 8.1/6

In: -833.774+/-1429.215 χ^2/NDF : 6.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -418.804+/-886.068 χ^2/NDF : 8.1/6

dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1432.146 ± 1.011 $\chi^2/\text{NDF}: 456784.4/1$

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

Right Out: 1371.929 ± 0.795 $\chi^2/\text{NDF}: 121986.8/4$

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

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

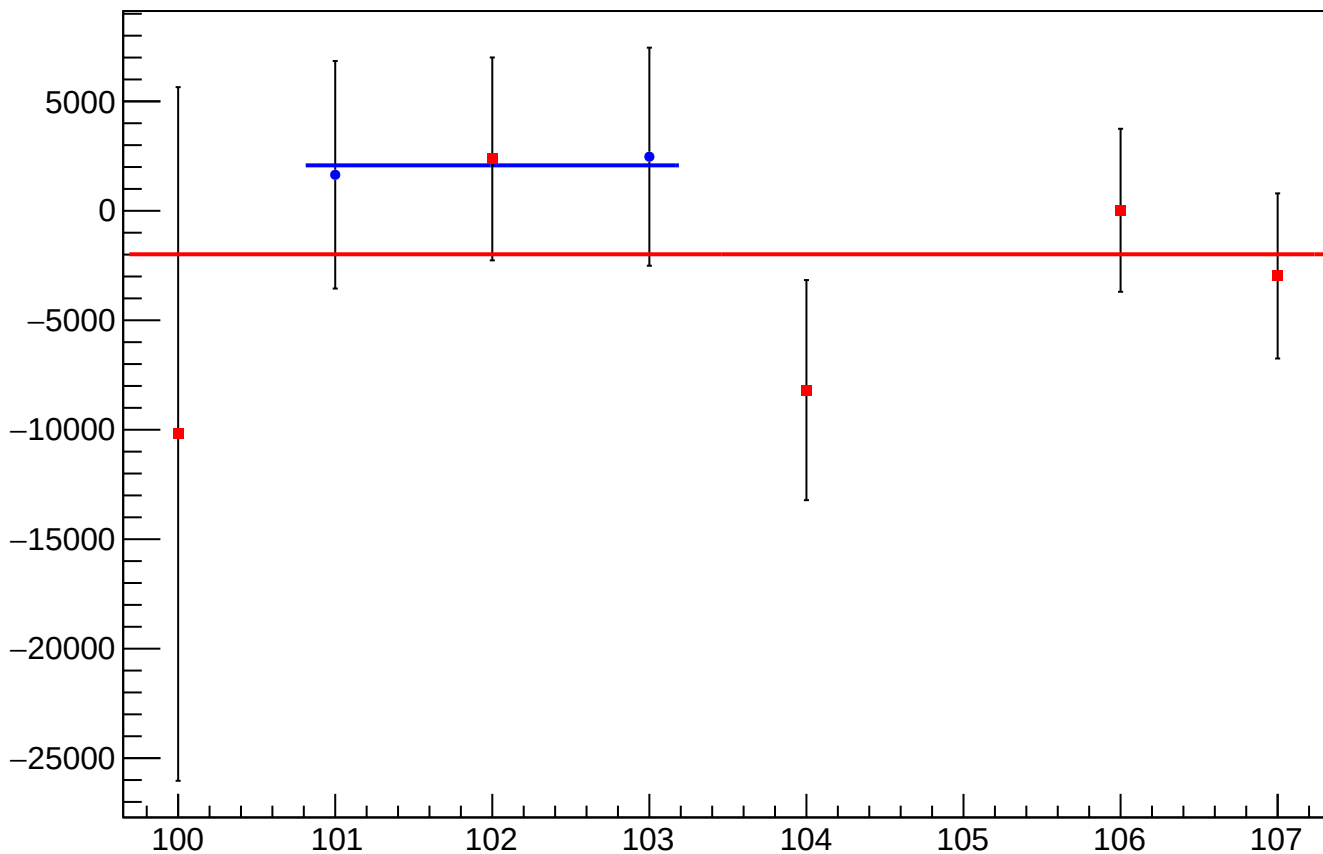
Right: 1394.960 ± 0.625 $\chi^2/\text{NDF}: 580963.7/6$

In: 1432.146 ± 1.011 $\chi^2/\text{NDF}: 456784.4/1$

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

All: 1394.960 ± 0.625 $\chi^2/\text{NDF}: 580963.7/6$

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 2076.324+/-3595.363 χ^2/NDF : 0.0/1

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

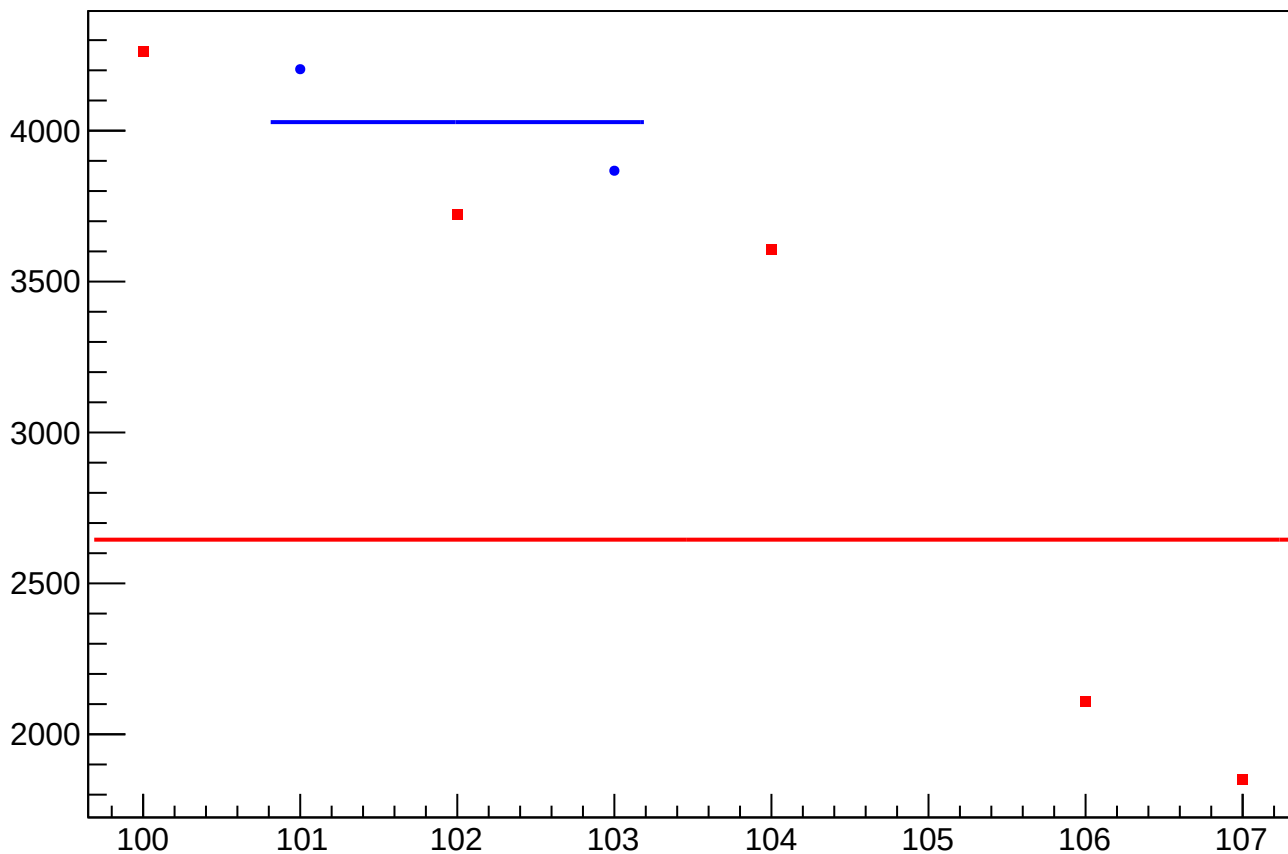
Right: -971.459+/-1796.182 χ^2/NDF : 4.0/6

In: 2076.324+/-3595.363 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -971.459+/-1796.182 χ^2/NDF : 4.0/6

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 4028.384+/-2.542 χ^2/NDF : 4371.1/1

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

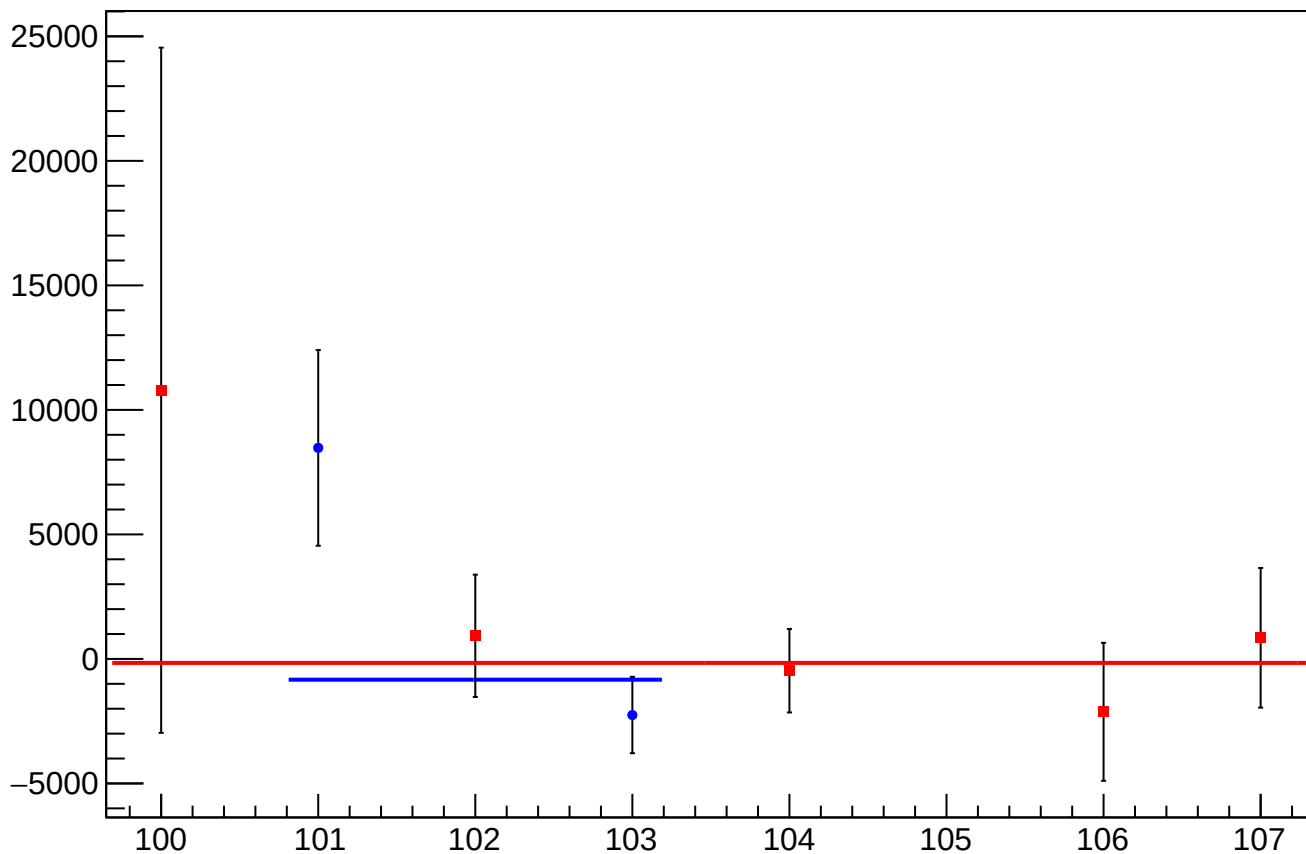
Right: 2990.181+/-1.270 χ^2/NDF : 559813.9/6

In: 4028.384+/-2.542 χ^2/NDF : 4371.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2990.181+/-1.270 χ^2/NDF : 559813.9/6

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -833.776+/-1429.215 χ^2/NDF : 6.5/1

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

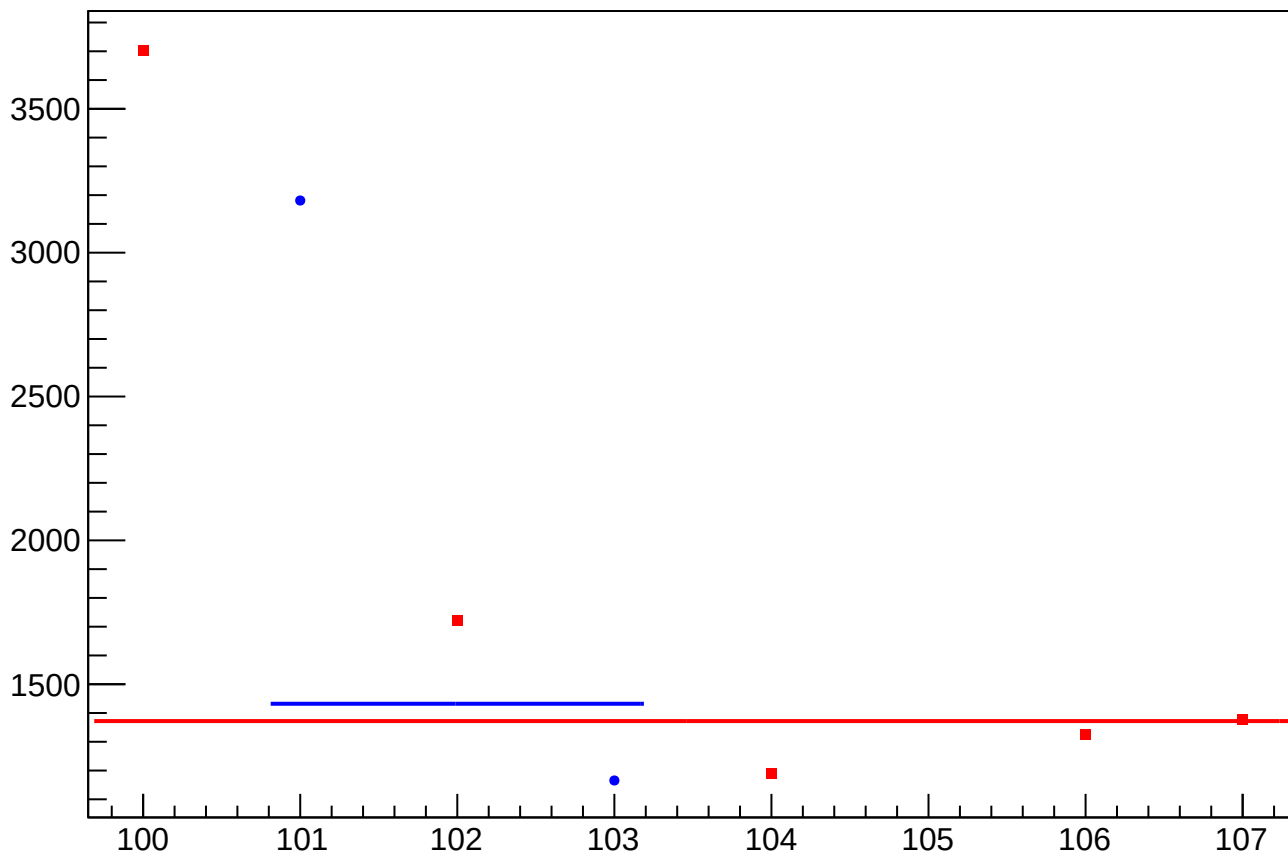
Right: -418.810+/-886.068 χ^2/NDF : 8.1/6

In: -833.776+/-1429.215 χ^2/NDF : 6.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -418.810+/-886.068 χ^2/NDF : 8.1/6

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1432.145+/-1.011 χ^2 /NDF: 456784.5/1

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

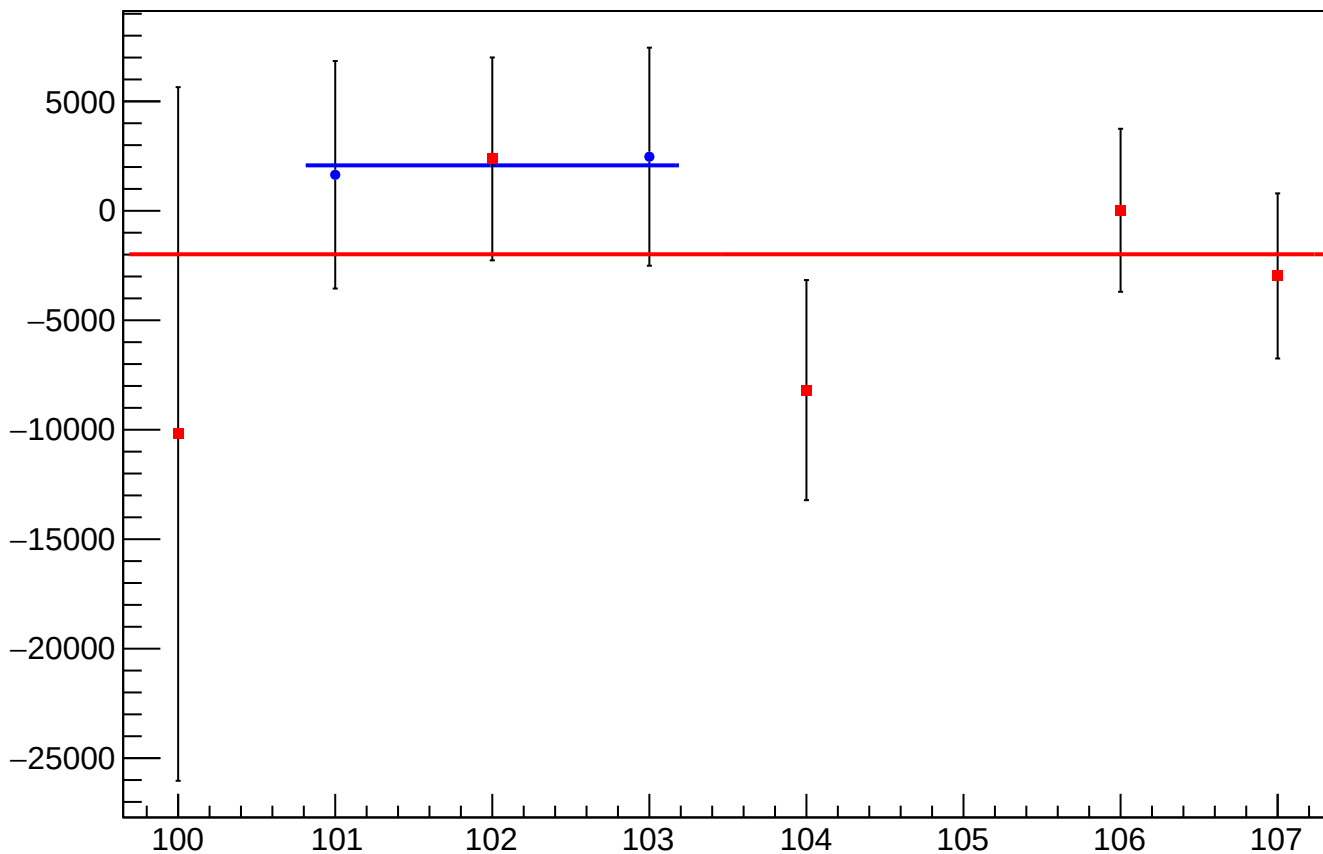
Right: 1394.960+/-0.625 χ^2 /NDF: 580963.8/6

In: 1432.145+/-1.011 χ^2 /NDF: 456784.5/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1394.960+/-0.625 χ^2 /NDF: 580963.8/6

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 2076.330+/-3595.363 χ^2/NDF : 0.0/1

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

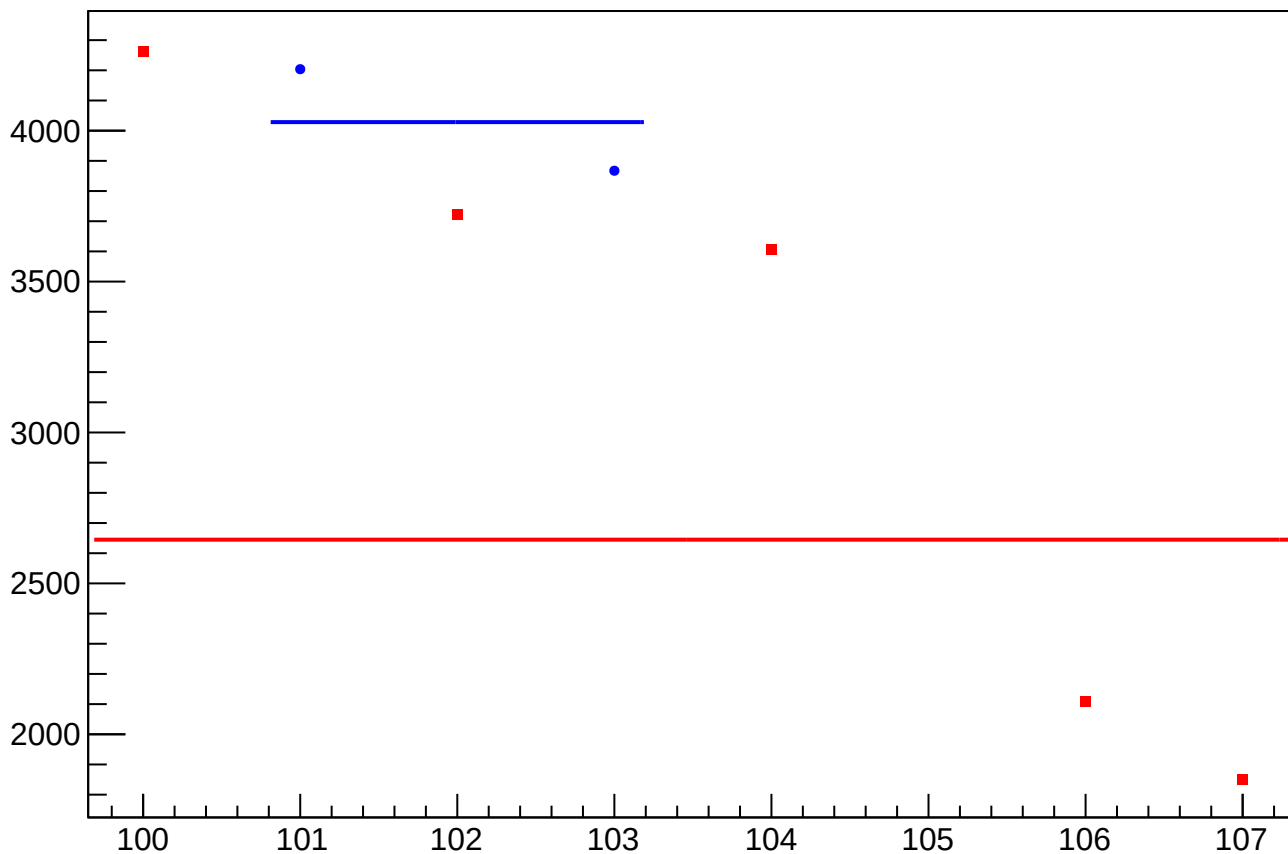
Right: -971.465+/-1796.180 χ^2/NDF : 4.0/6

In: 2076.330+/-3595.363 χ^2/NDF :0.0/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -971.465+/-1796.180 χ^2/NDF : 4.0/6

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4028.383+/-2.542 χ^2/NDF : 4370.9/1

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

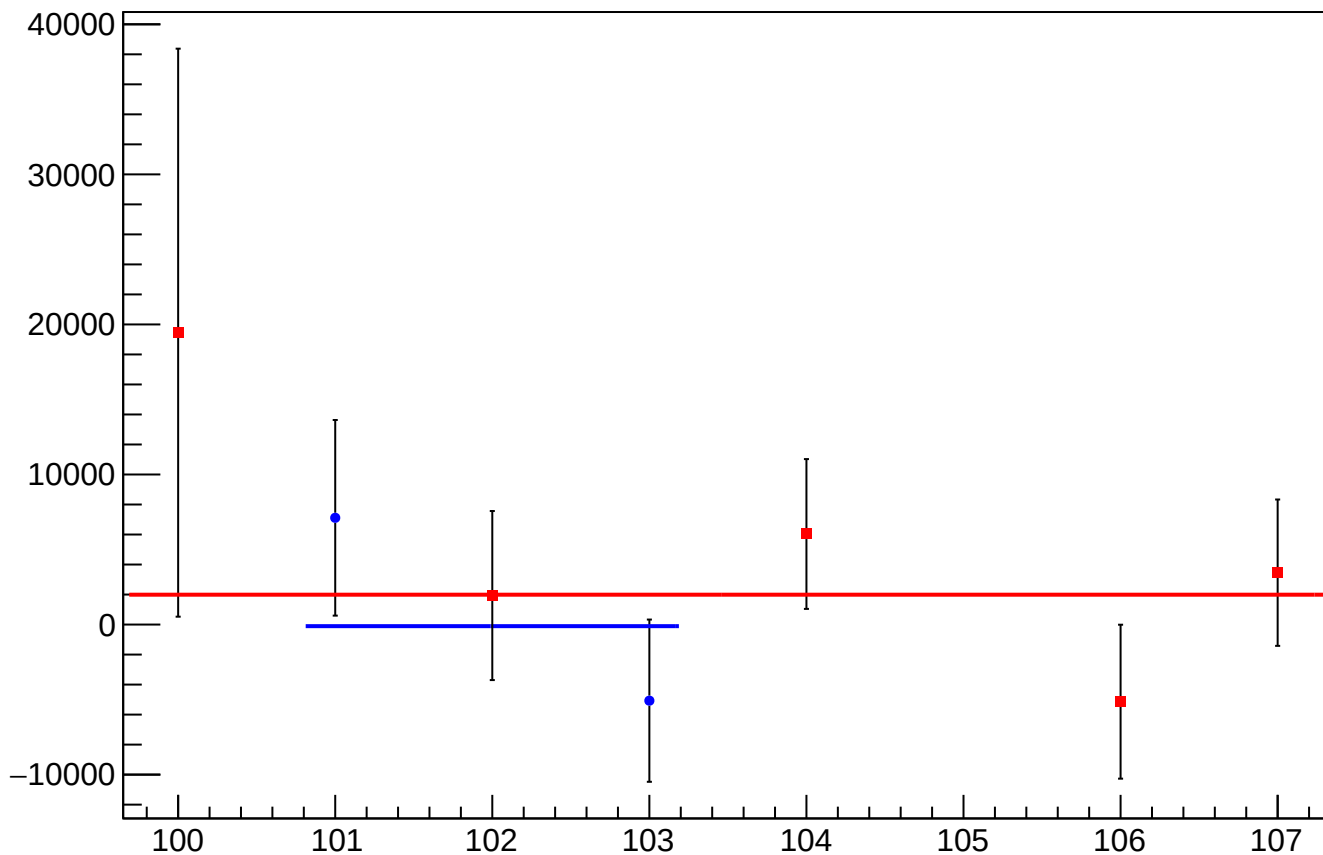
Right: 2990.177+/-1.270 χ^2/NDF : 559818.5/6

In: 4028.383+/-2.542 χ^2/NDF : 4370.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2990.177+/-1.270 χ^2/NDF : 559818.5/6

asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -106.500+/-4160.876 χ^2/NDF : 2.1/1

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

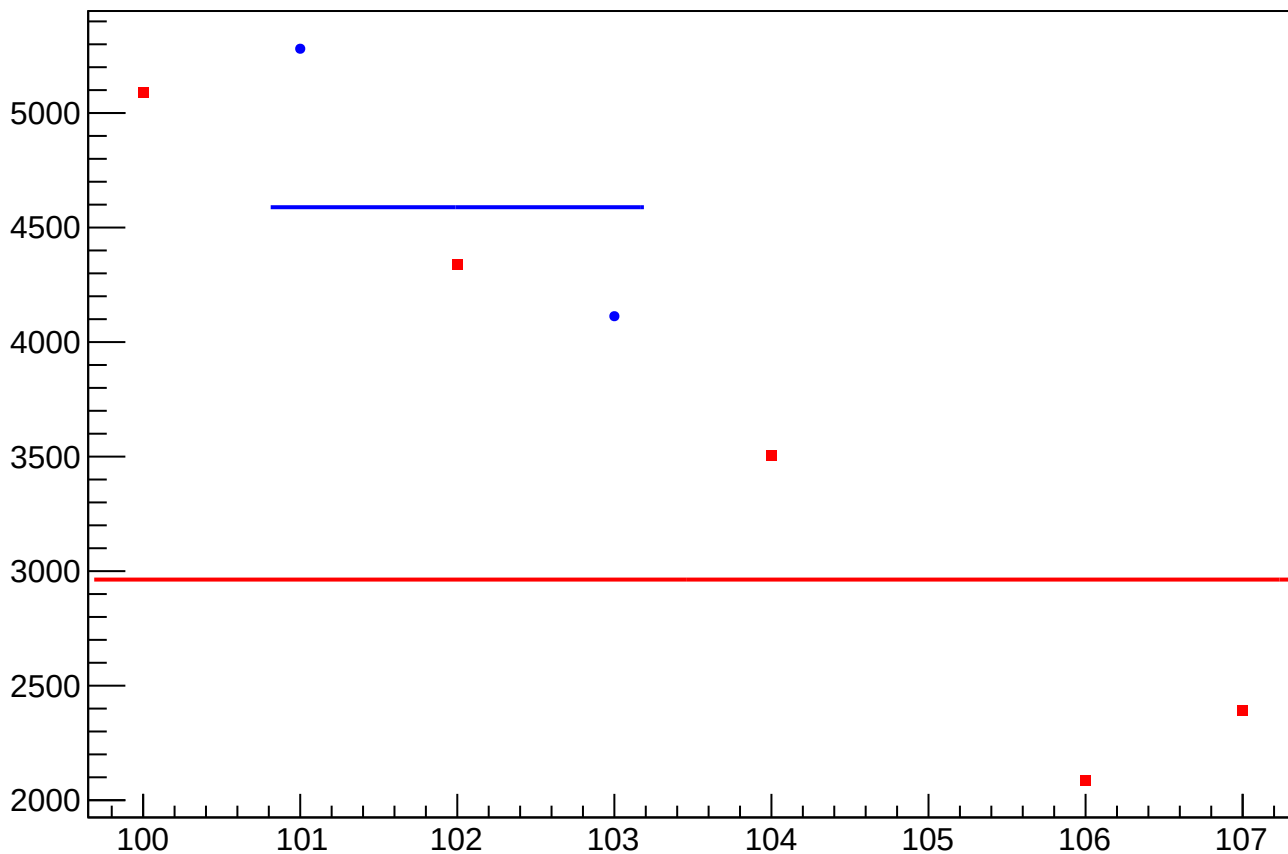
Right: 1419.505+/-2170.563 χ^2/NDF : 5.8/6

In: -106.500+/-4160.876 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1419.505+/-2170.563 χ^2/NDF : 5.8/6

asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 4588.778+/-2.942 χ^2/NDF : 38034.6/1

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

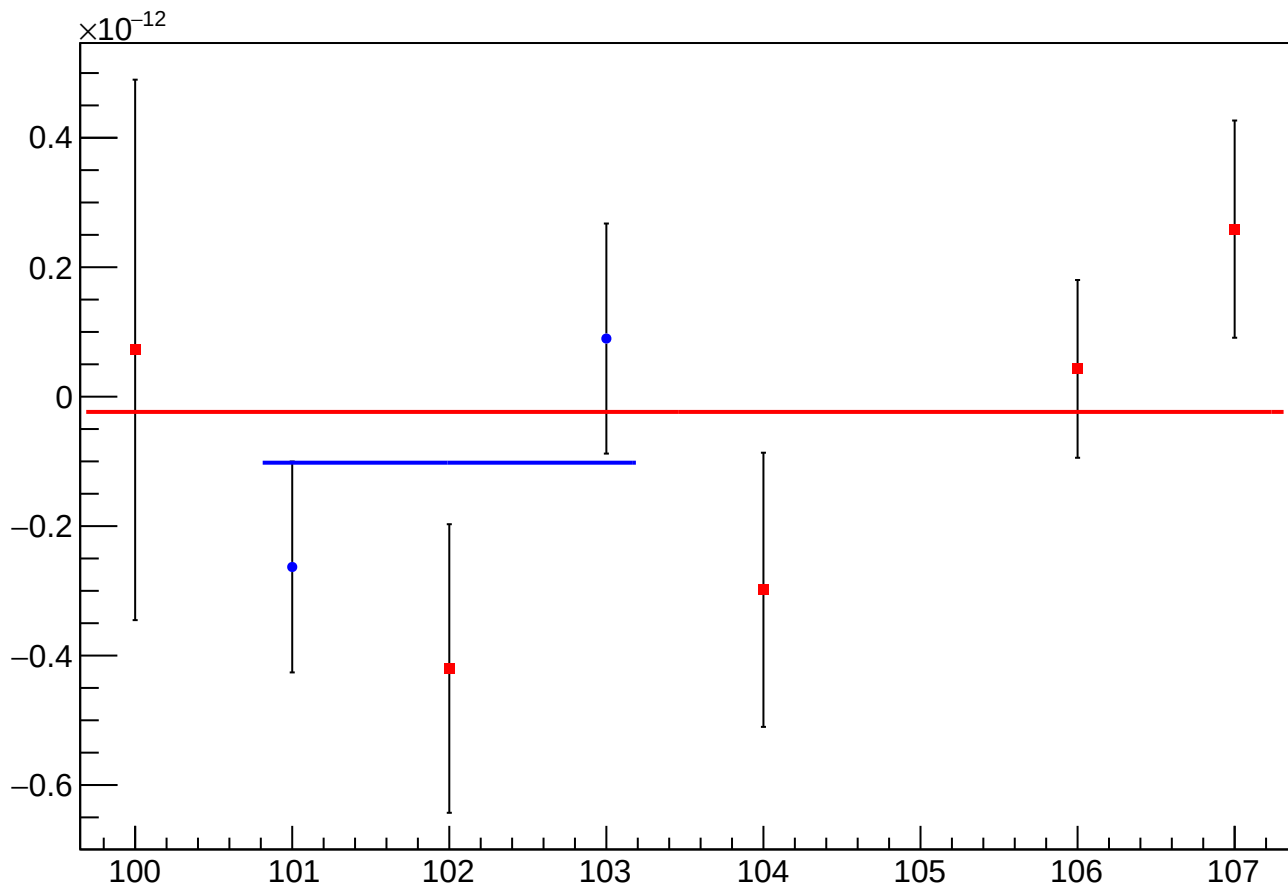
Right: 3375.333+/-1.481 χ^2/NDF : 543080.6/6

In: 4588.778+/-2.942 χ^2/NDF : 38034.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3375.333+/-1.481 χ^2/NDF : 543080.6/6

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.1/1

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

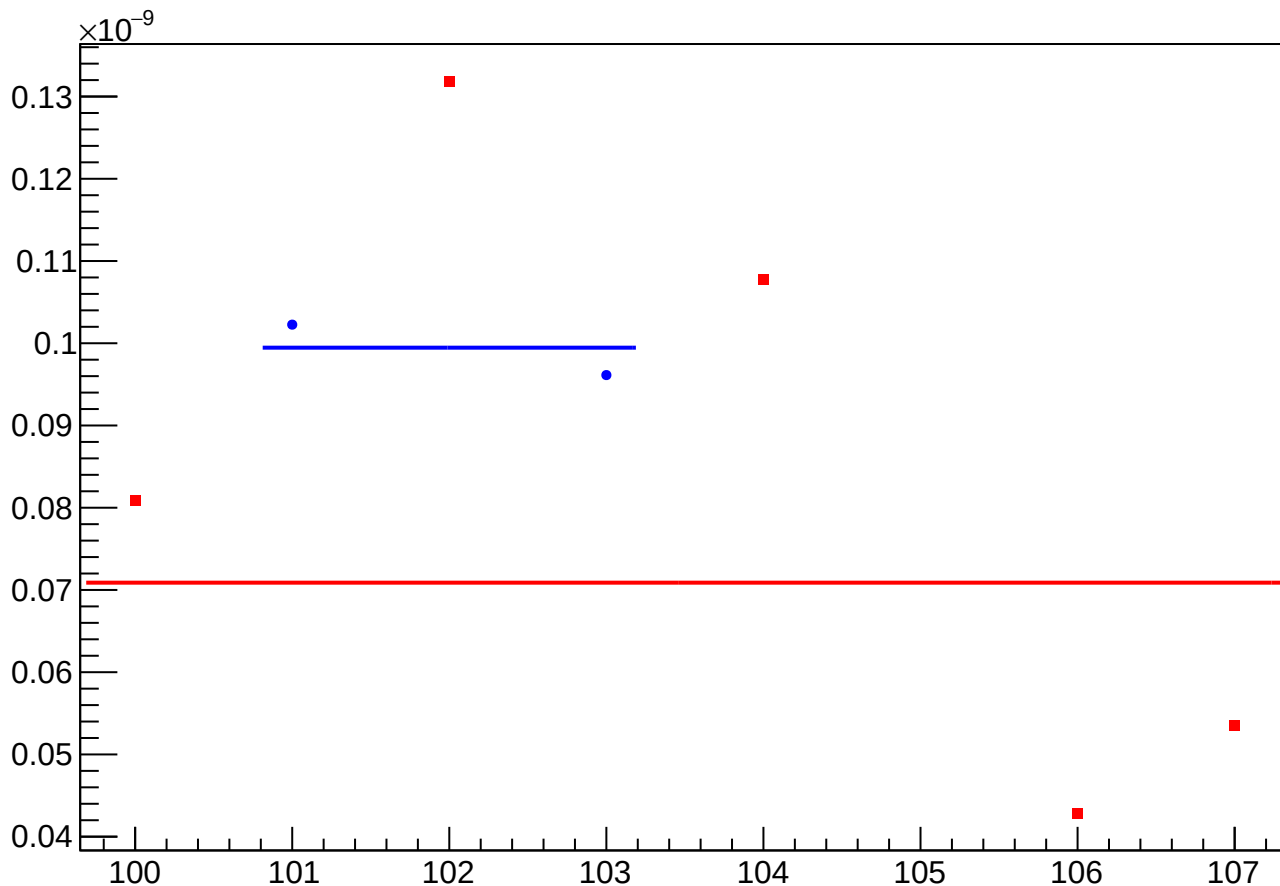
Right: -0.000+/-0.000 χ^2/NDF : 10.4/6

In: -0.000+/-0.000 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.4/6

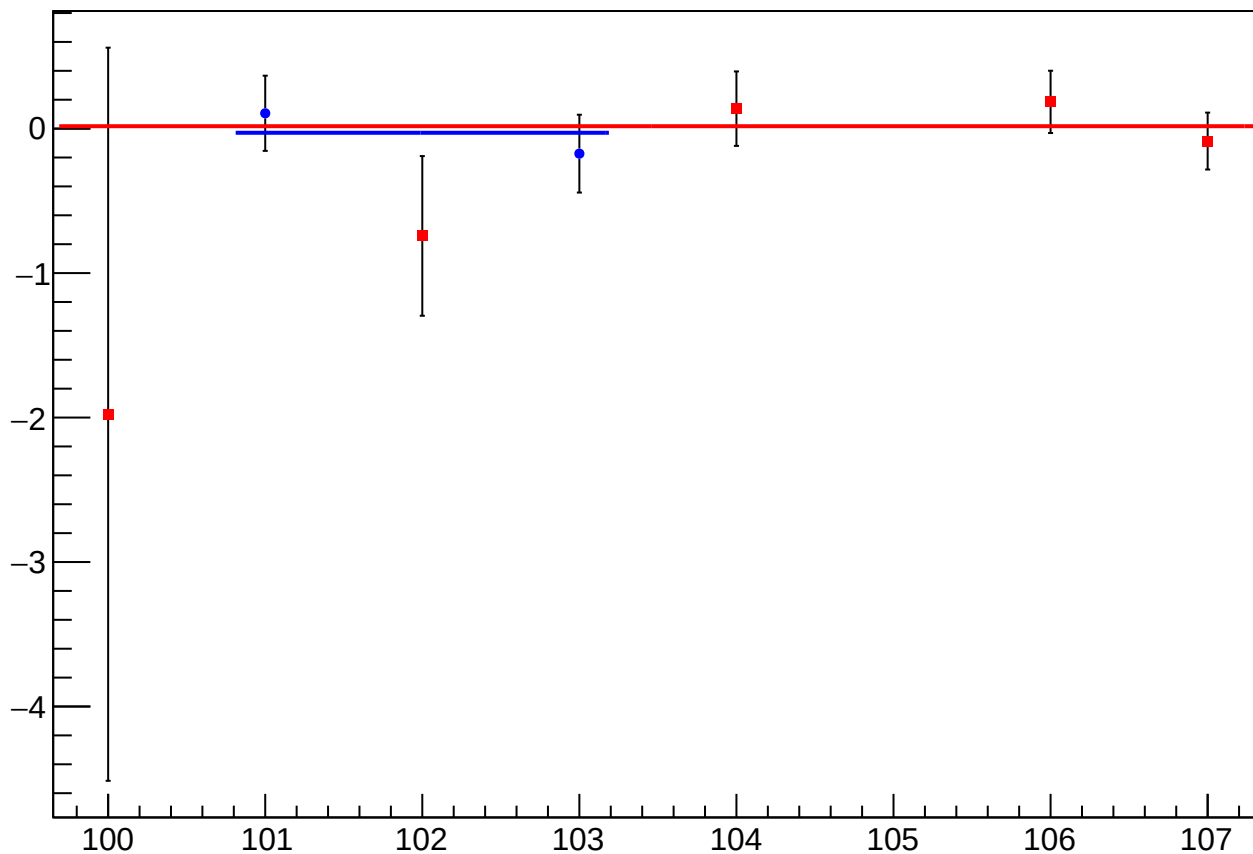
asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1293.7/1
 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 : 391990.5/6
 In: 0.000+/-0.000 χ^2/NDF : 1293.7/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 391990.5/6

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 $\pm$ 0.187 χ^2 /NDF: 0.6/1

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

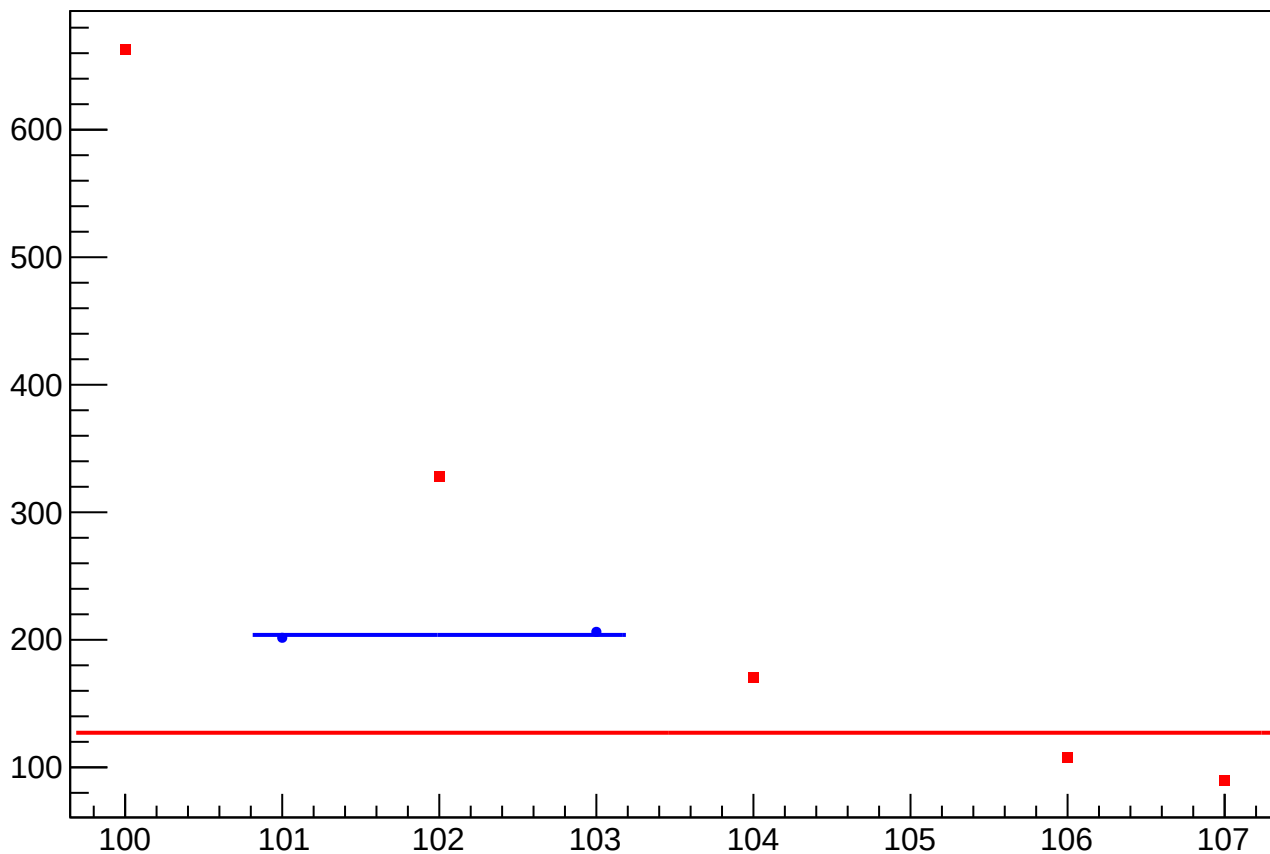
Right: 0.003 $\pm$ 0.103 χ^2 /NDF: 4.2/6

In: -0.029 $\pm$ 0.187 χ^2 /NDF:0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.103 χ^2 /NDF: 4.2/6

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 203.843+/-0.132 χ^2/NDF : 308.9/1

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

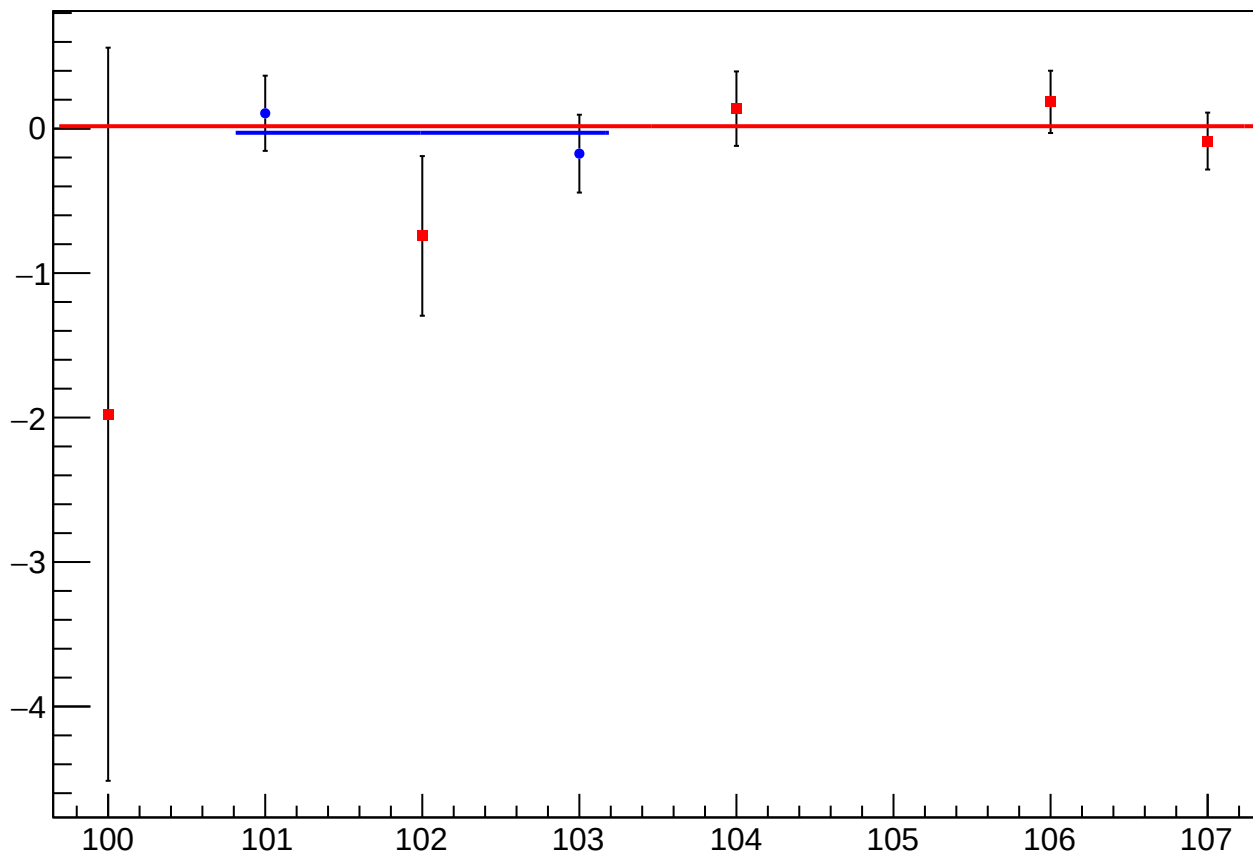
Right: 150.342+/-0.073 χ^2/NDF : 733685.0/6

In: 203.843+/-0.132 χ^2/NDF : 308.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.342+/-0.073 χ^2/NDF : 733685.0/6

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 ± 0.187 $\chi^2/\text{NDF}: 0.6/1$

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 $\chi^2/\text{NDF}: 0.0/0$

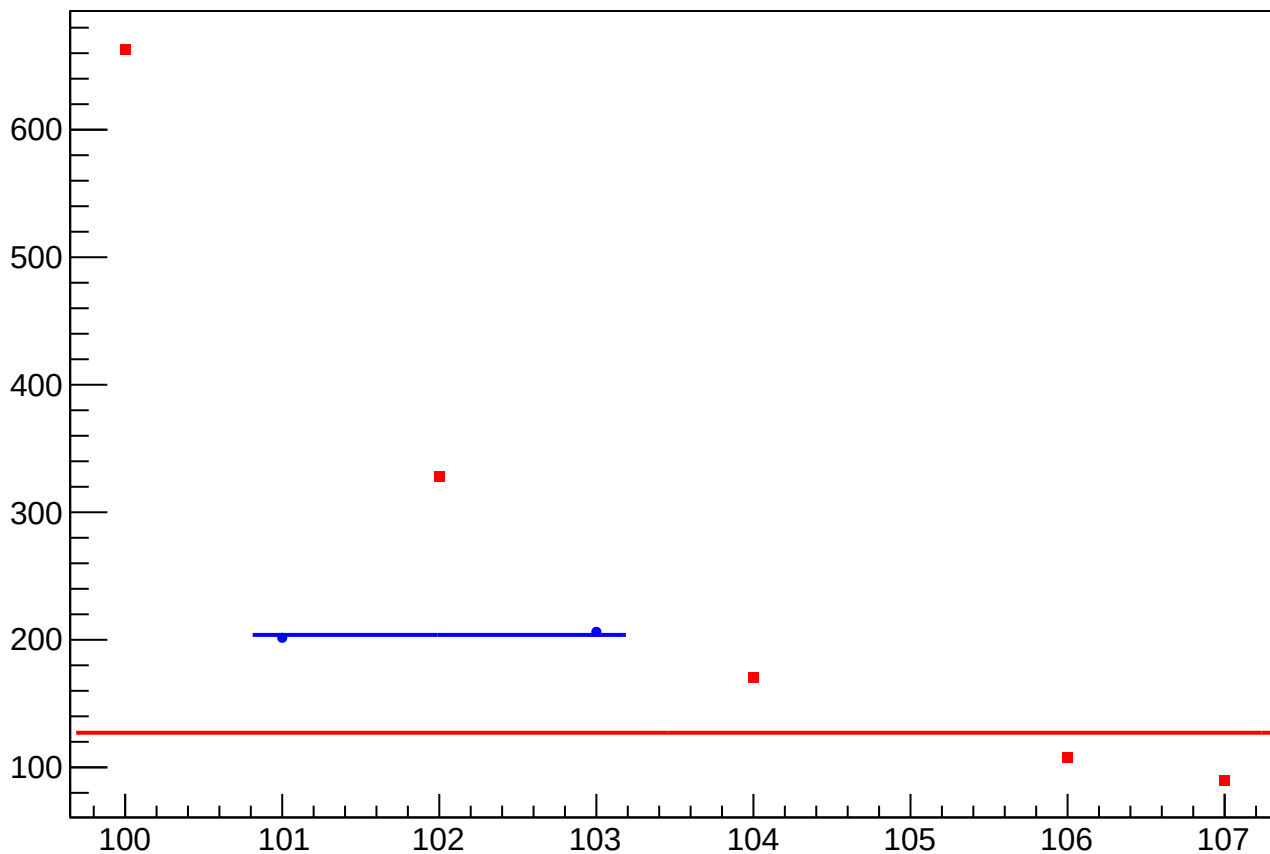
Right: 0.003 ± 0.103 $\chi^2/\text{NDF}: 4.2/6$

In: -0.029 ± 0.187 $\chi^2/\text{NDF}: 0.6/1$

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

All: 0.003 ± 0.103 $\chi^2/\text{NDF}: 4.2/6$

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 203.843 $\pm$ 0.132 χ^2 /NDF: 308.9/1

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

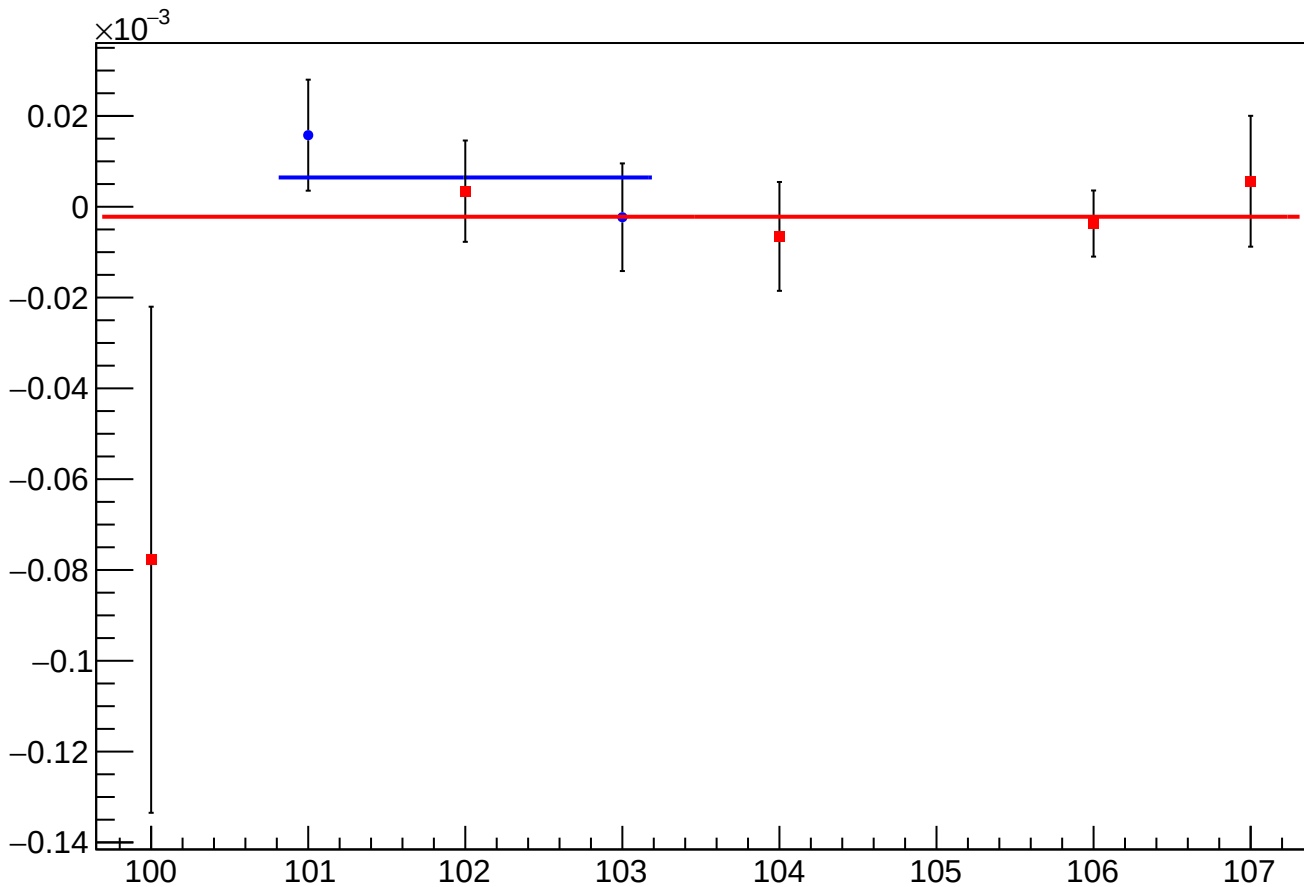
Right: 150.342 $\pm$ 0.073 χ^2 /NDF: 733685.0/6

In: 203.843 $\pm$ 0.132 χ^2 /NDF:308.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 150.342 $\pm$ 0.073 χ^2 /NDF: 733685.0/6

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 : 1.1/1

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

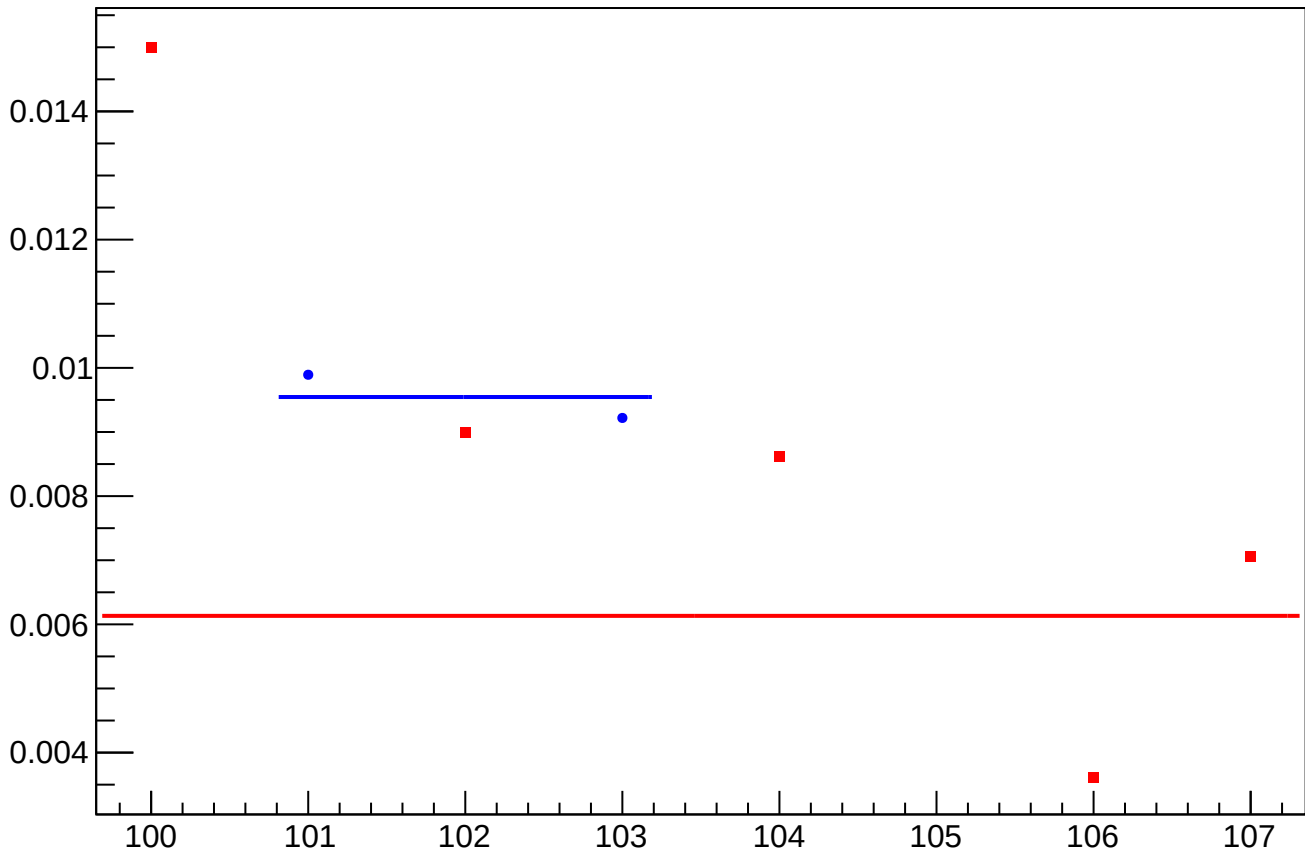
Right: 0.000+/-0.000 χ^2/NDF : 4.4/6

In: 0.000+/-0.000 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.4/6

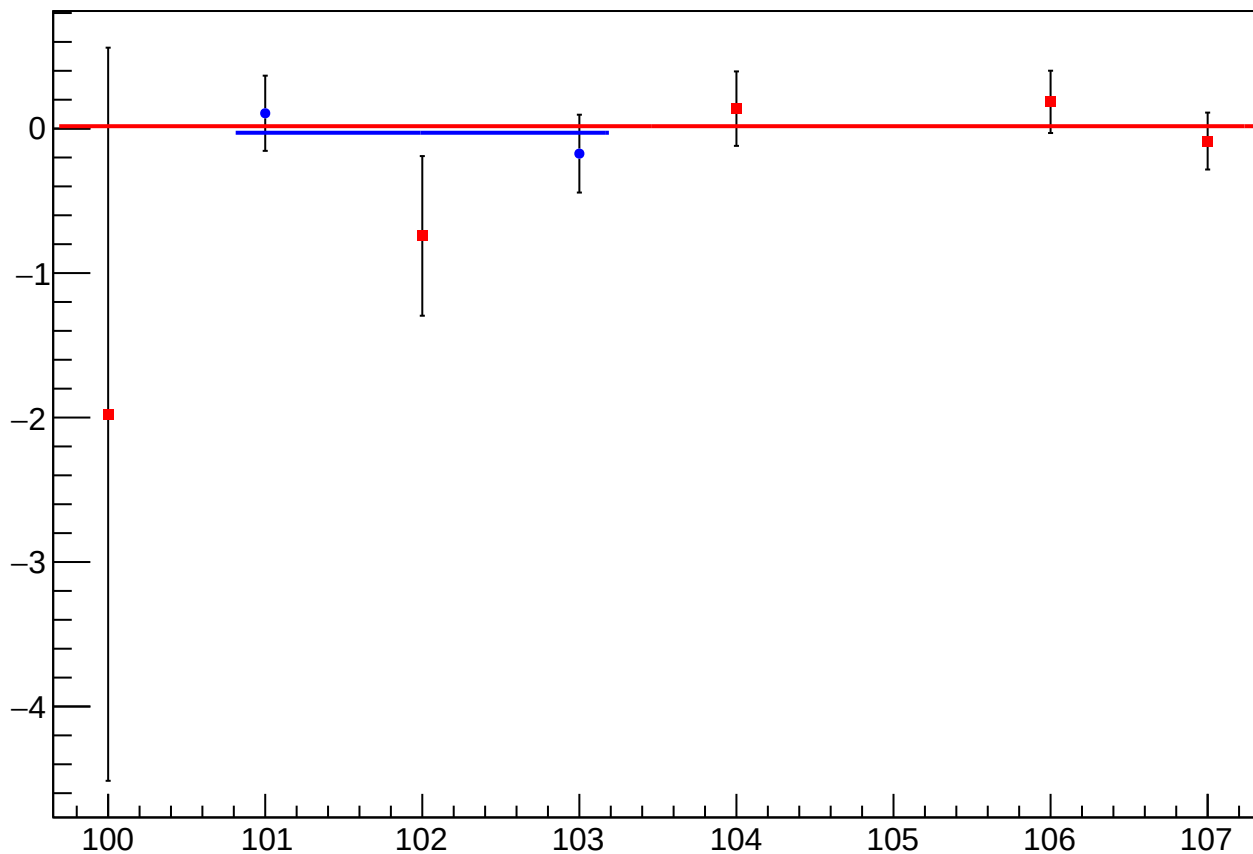
asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 3128.3/1
 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: 0.007+/-0.000 χ^2/NDF : 756036.4/6
 In: 0.010+/-0.000 χ^2/NDF : 3128.3/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.007+/-0.000 χ^2/NDF : 756036.4/6

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 ± 0.187 $\chi^2/\text{NDF}: 0.6/1$

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 $\chi^2/\text{NDF}: 0.0/0$

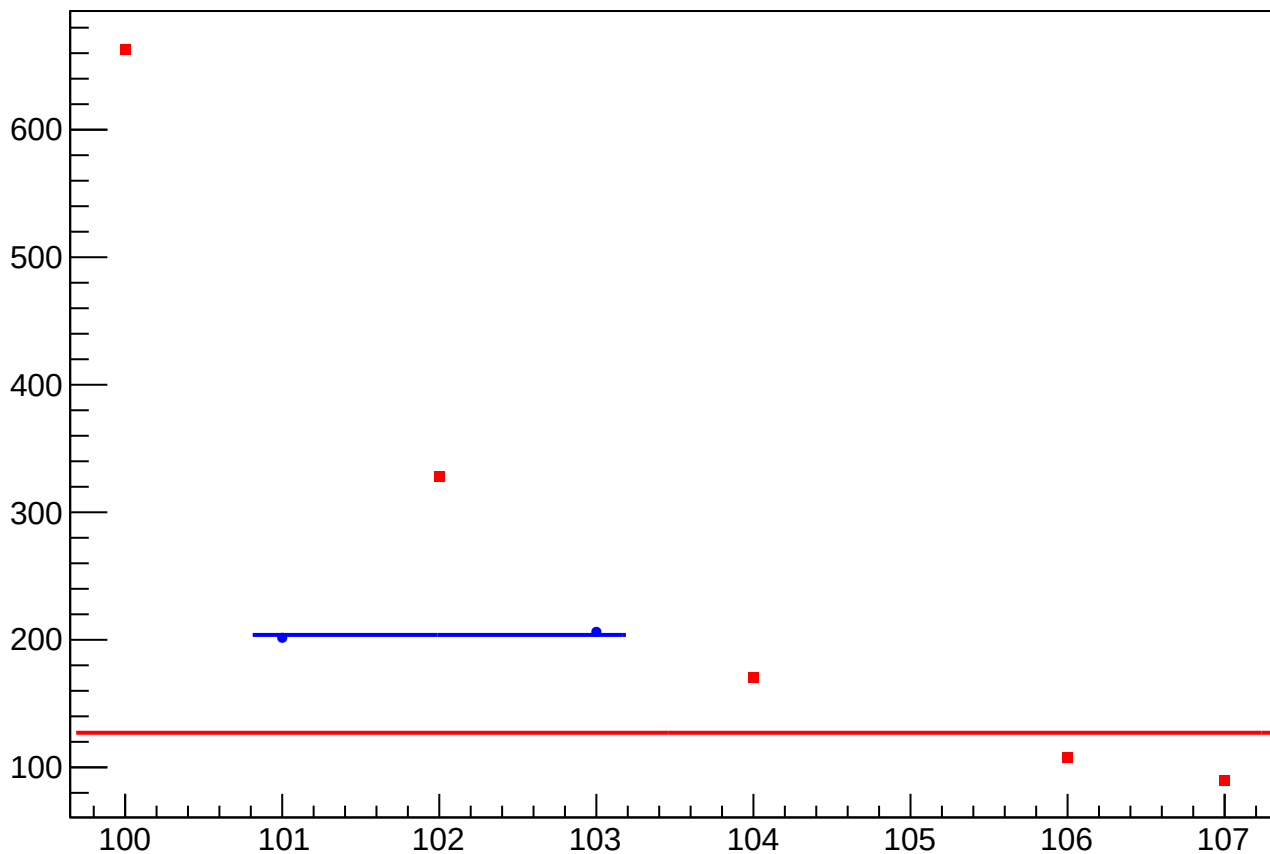
Right: 0.003 ± 0.103 $\chi^2/\text{NDF}: 4.2/6$

In: -0.029 ± 0.187 $\chi^2/\text{NDF}: 0.6/1$

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

All: 0.003 ± 0.103 $\chi^2/\text{NDF}: 4.2/6$

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 203.840 $\pm$ 0.132 χ^2 /NDF: 309.0/1

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

Right Out: 127.129 $\pm$ 0.087 χ^2 /NDF: 499002.1/4

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

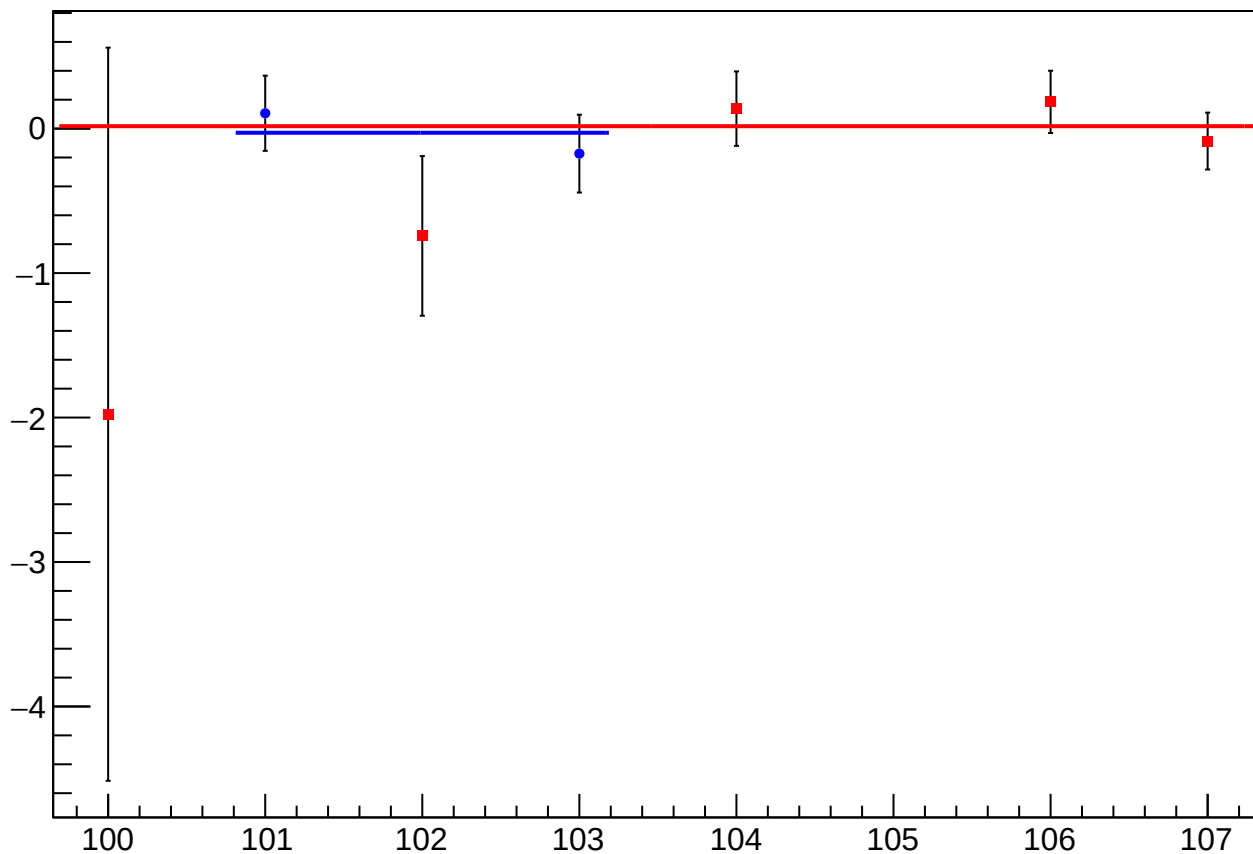
Right: 150.345 $\pm$ 0.073 χ^2 /NDF: 733607.5/6

In: 203.840 $\pm$ 0.132 χ^2 /NDF:309.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 150.345 $\pm$ 0.073 χ^2 /NDF: 733607.5/6

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 ± 0.187 χ^2/NDF : 0.6/1

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

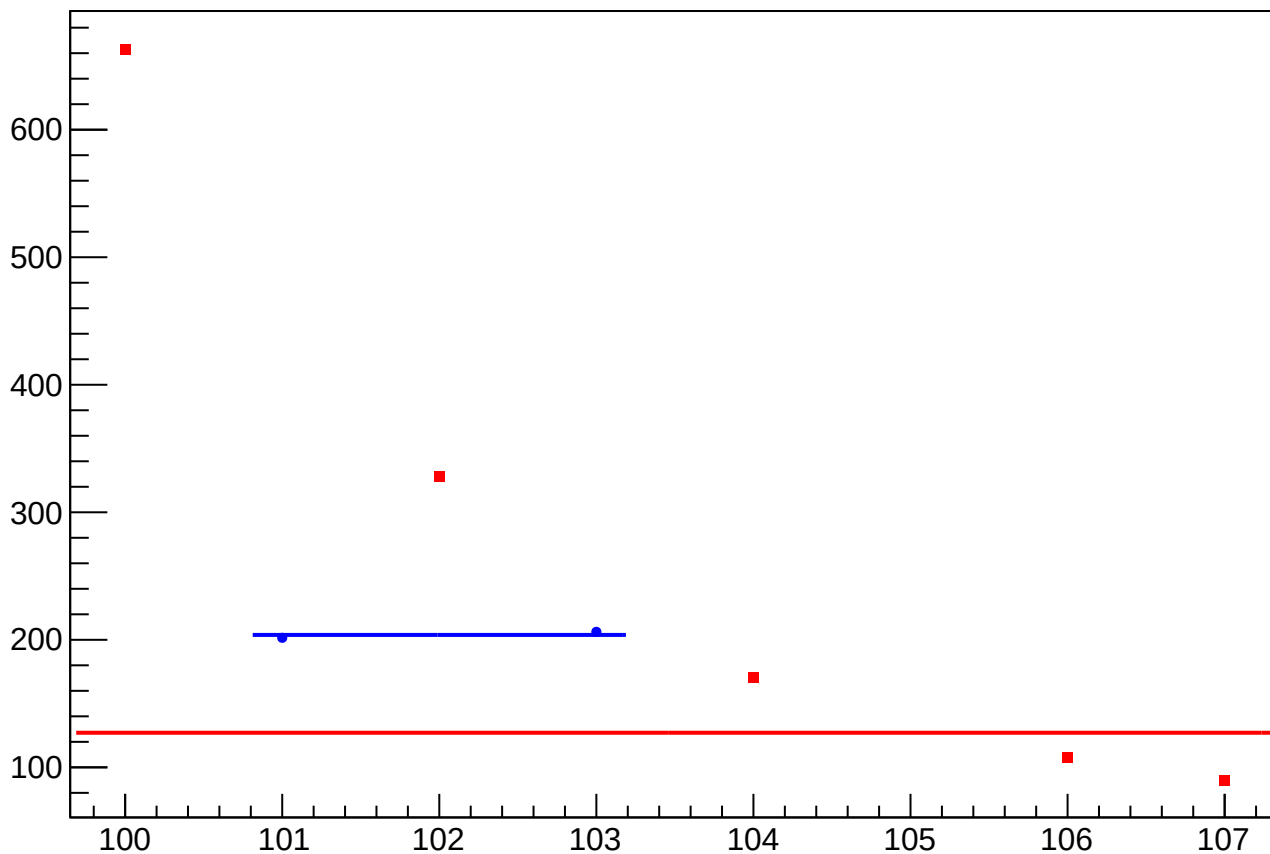
Right: 0.003 ± 0.103 χ^2/NDF : 4.2/6

In: -0.029 ± 0.187 χ^2/NDF : 0.6/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.003 ± 0.103 χ^2/NDF : 4.2/6

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 203.840 $\pm$ 0.132 χ^2 /NDF: 309.0/1

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

Right Out: 127.129 $\pm$ 0.087 χ^2 /NDF: 499002.1/4

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

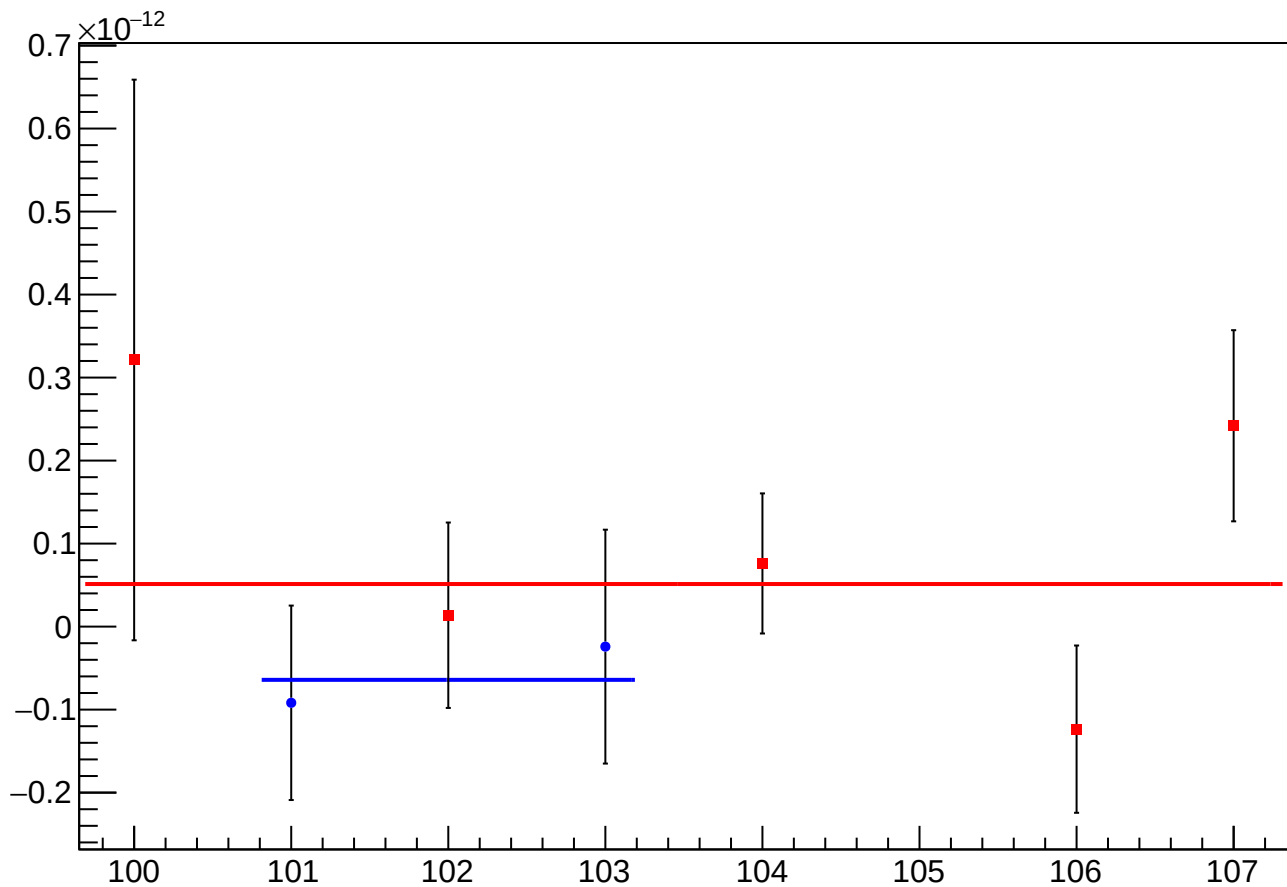
Right: 150.345 $\pm$ 0.073 χ^2 /NDF: 733607.5/6

In: 203.840 $\pm$ 0.132 χ^2 /NDF:309.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 150.345 $\pm$ 0.073 χ^2 /NDF: 733607.5/6

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 : 0.1/1

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

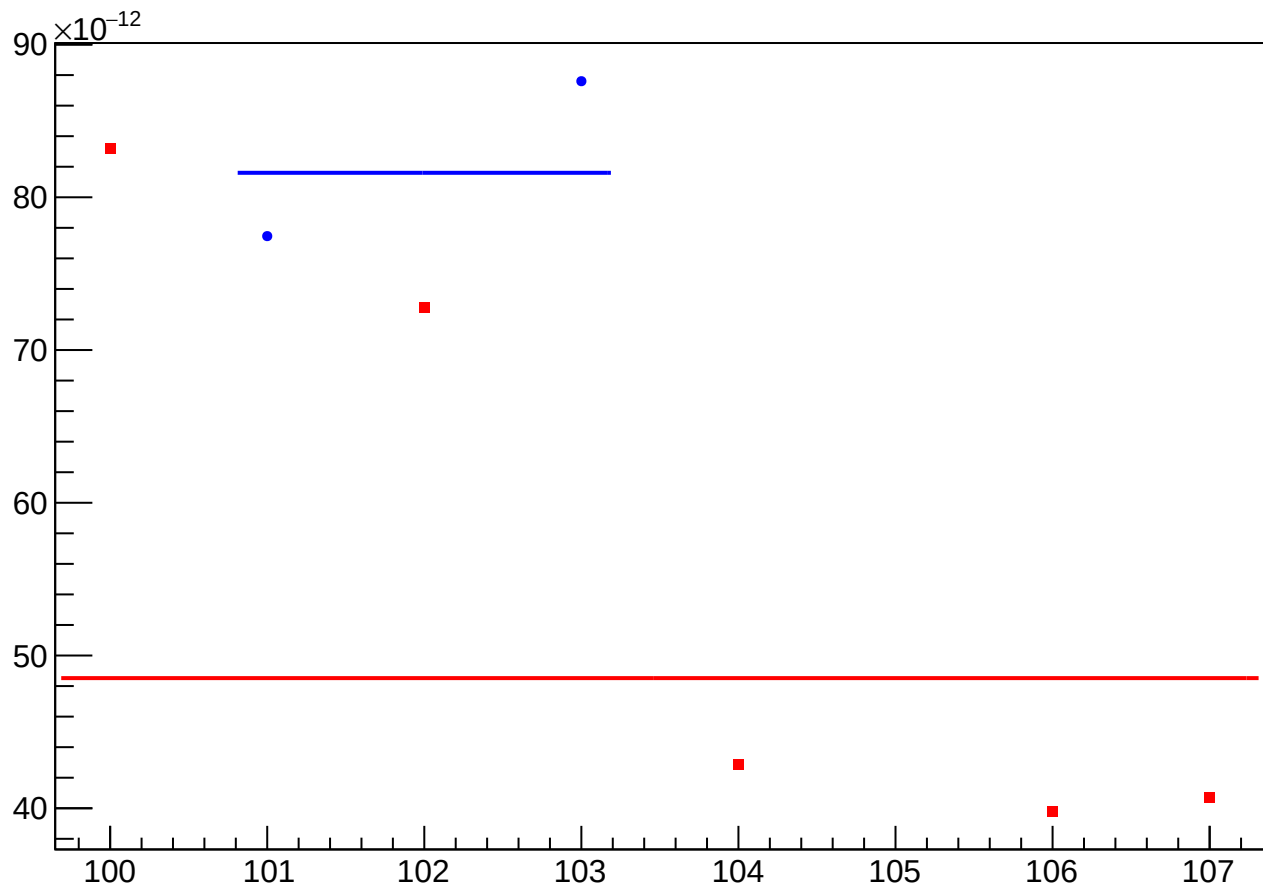
Right: 0.000+/-0.000 χ^2/NDF : 8.0/6

In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.0/6

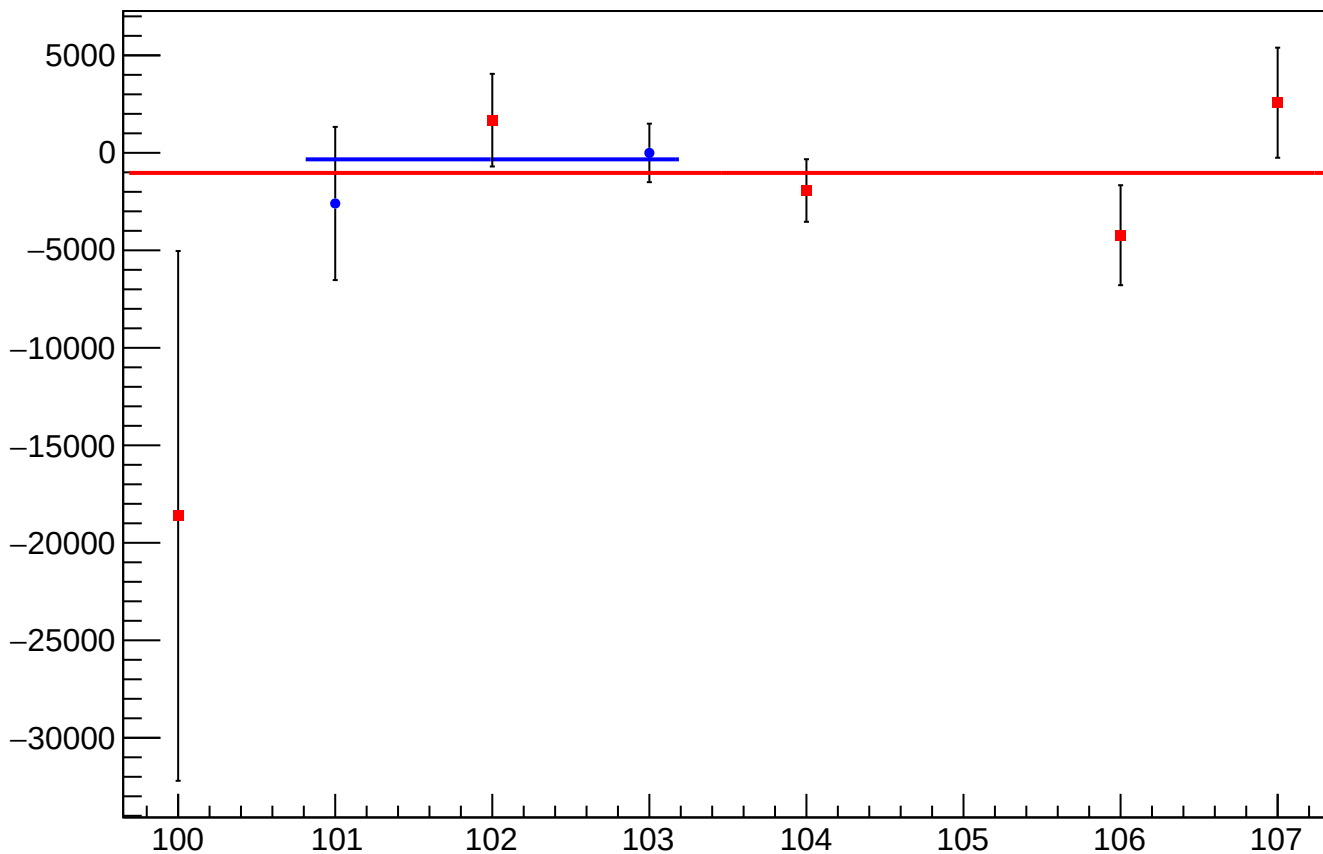
asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6129.9/1
 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 : 361566.6/6
 In: 0.000+/-0.000 χ^2/NDF : 6129.9/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 361566.6/6

reg_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -334.106+/-1401.545 χ^2/NDF : 0.4/1

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

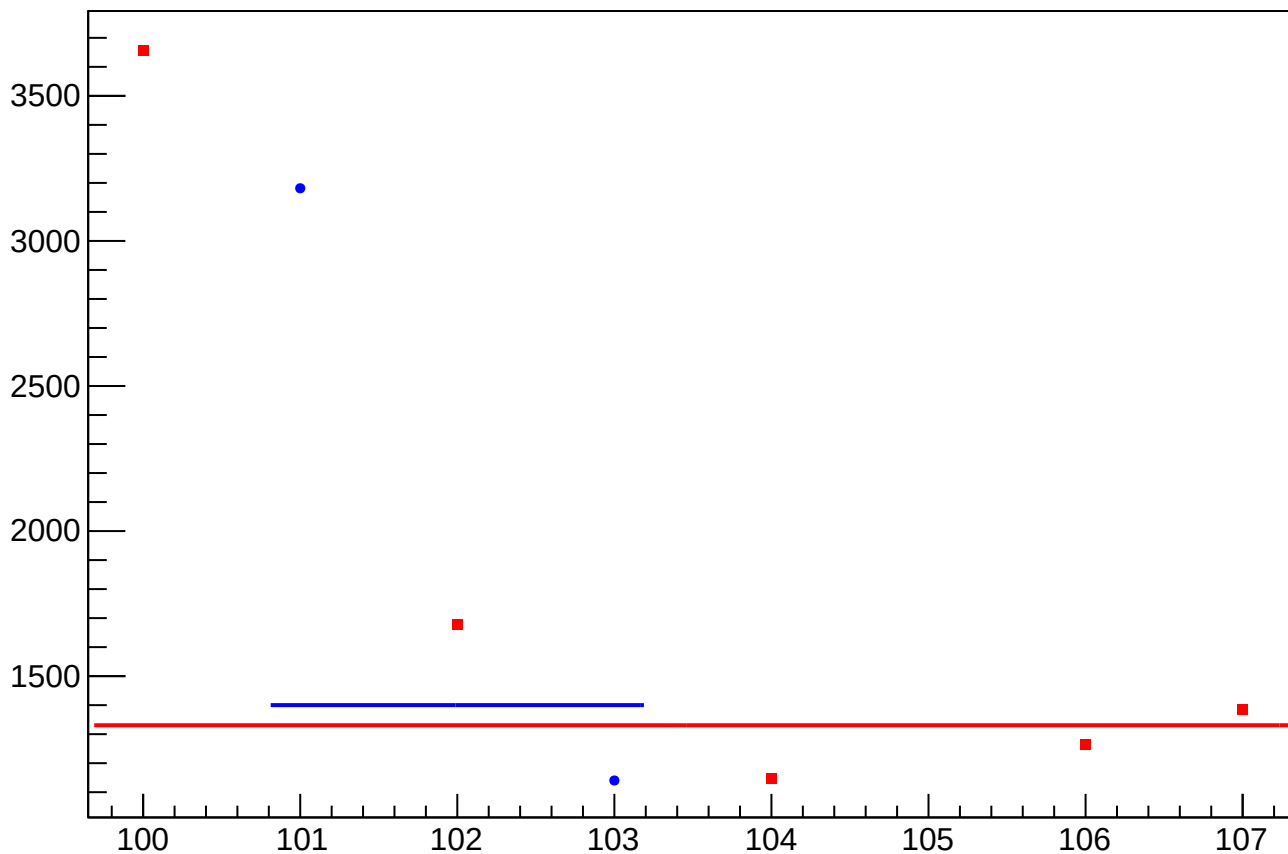
Right: -769.220+/-858.242 χ^2/NDF : 7.0/6

In: -334.106+/-1401.545 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -769.220+/-858.242 χ^2/NDF : 7.0/6

reg_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1400.116+/-0.991 χ^2/NDF : 471205.6/1

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

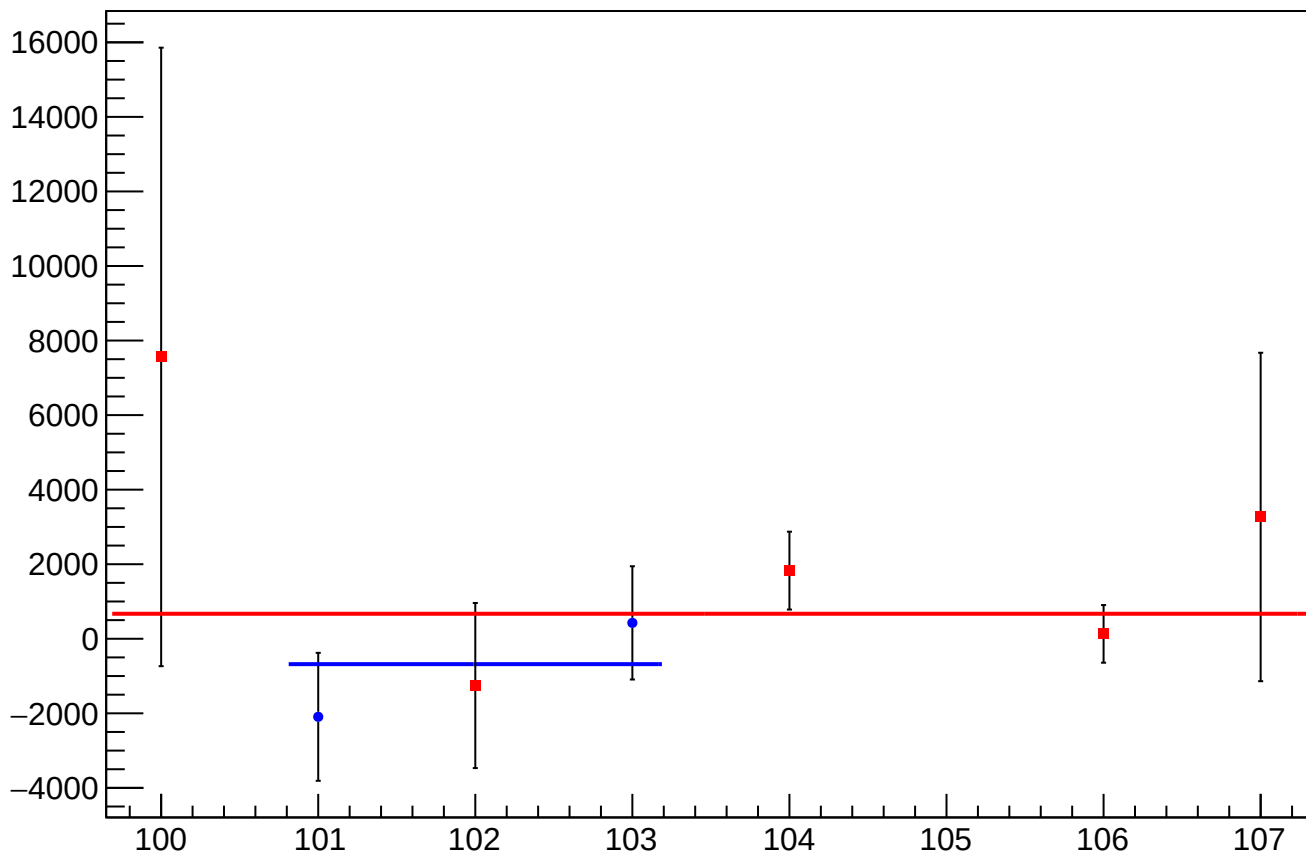
Right: 1356.721+/-0.607 χ^2/NDF : 603138.3/6

In: 1400.116+/-0.991 χ^2/NDF : 471205.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1356.721+/-0.607 χ^2/NDF : 603138.3/6

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -681.010+/-1137.525 χ^2/NDF : 1.2/1

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

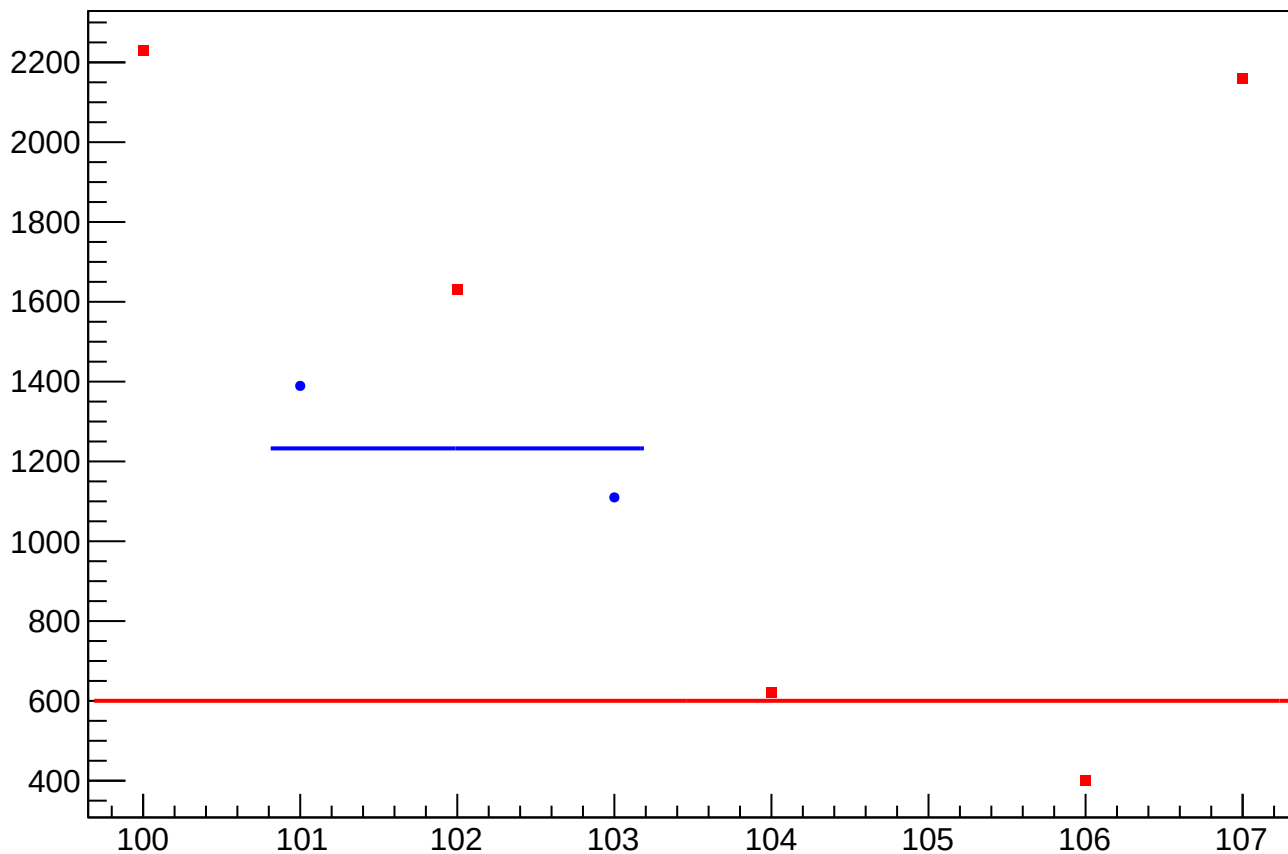
Right: 383.082+/-524.688 χ^2/NDF : 5.8/6

In: -681.010+/-1137.525 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 383.082+/-524.688 χ^2/NDF : 5.8/6

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1232.680+/-0.804 χ^2/NDF : 29720.8/1

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

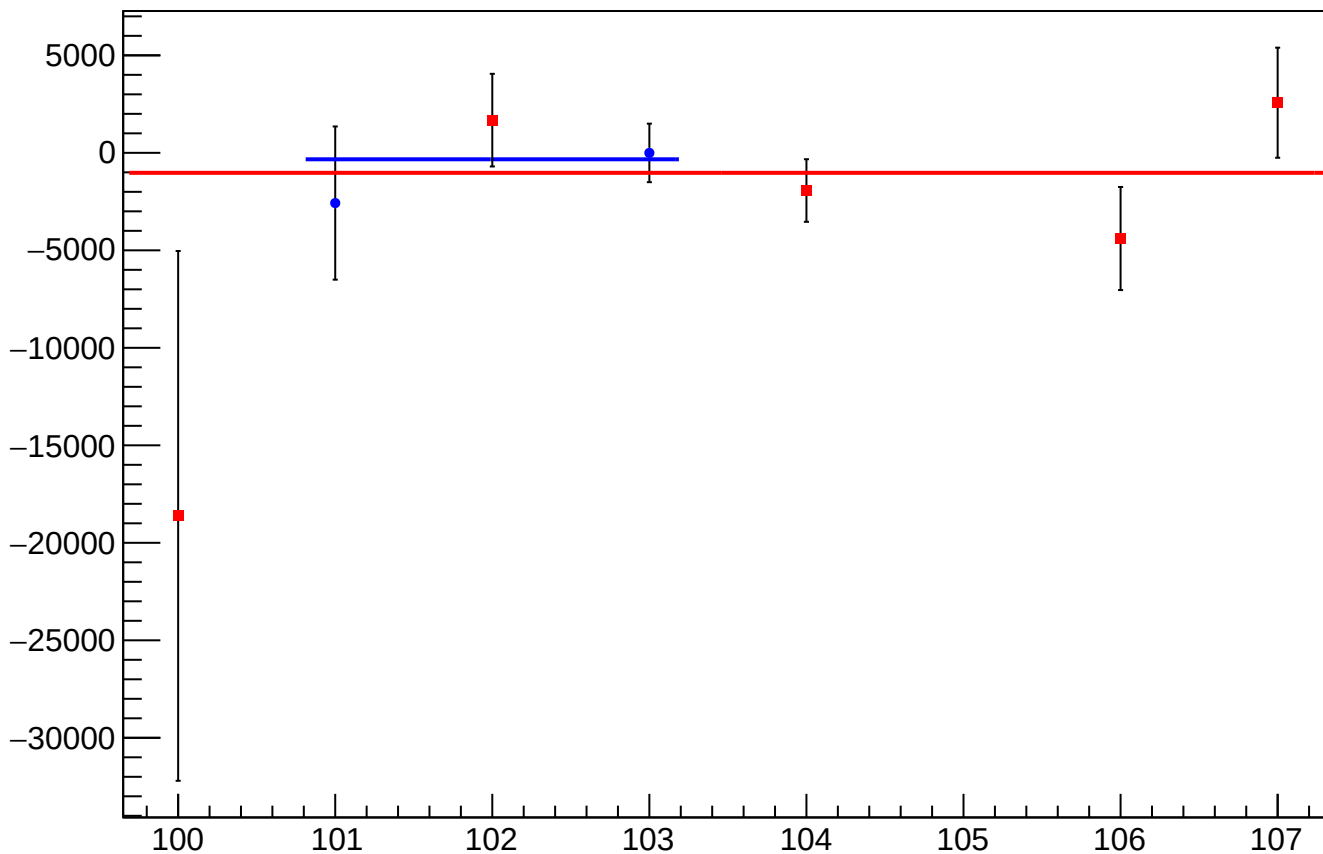
Right: 734.780+/-0.371 χ^2/NDF : 1412069.5/6

In: 1232.680+/-0.804 χ^2/NDF : 29720.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 734.780+/-0.371 χ^2/NDF : 1412069.5/6

cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -331.207 $\pm$ 1401.547 χ^2 /NDF: 0.4/1

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

Right Out: -1024.498 $\pm$ 1091.453 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

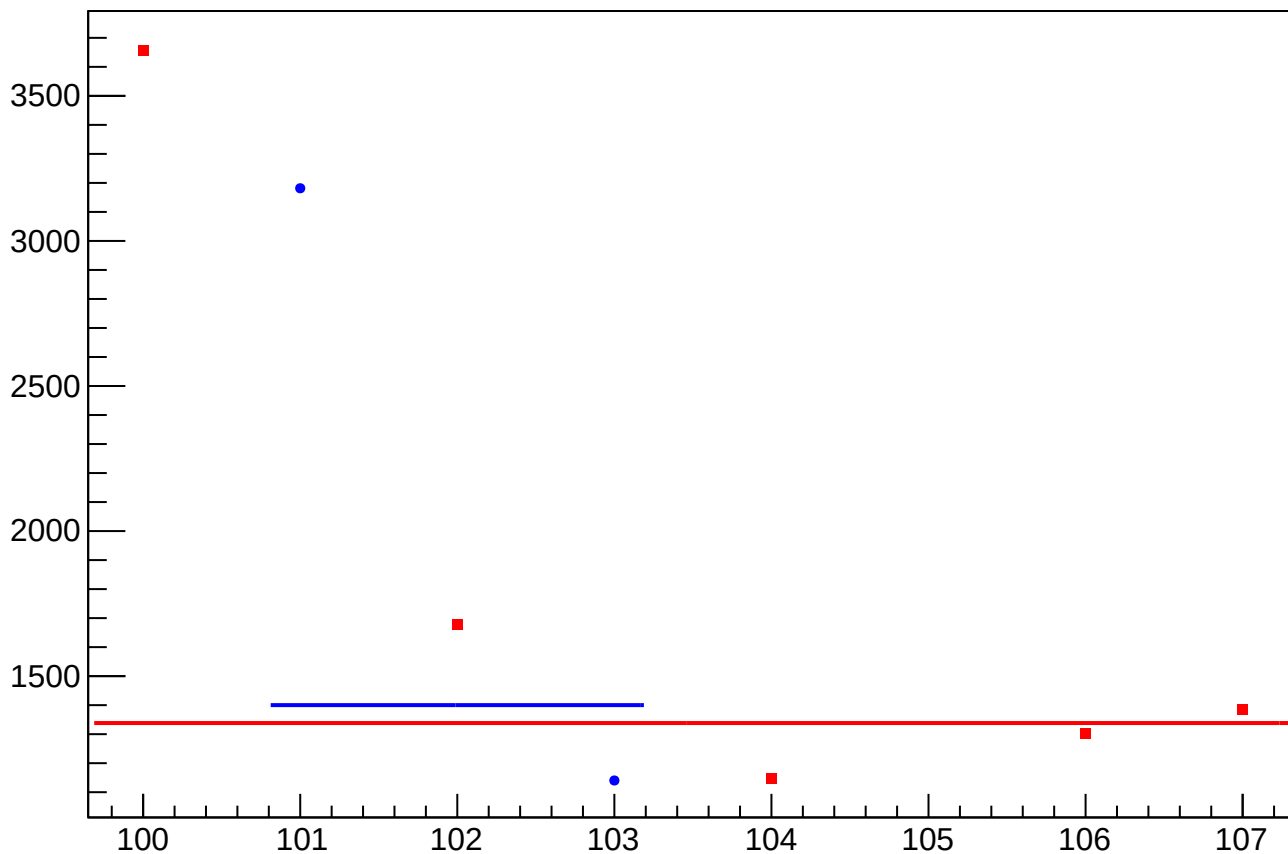
Right: -762.774 $\pm$ 861.135 χ^2 /NDF: 7.1/6

In: -331.207 $\pm$ 1401.547 χ^2 /NDF: 0.4/1

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

All: -762.774 $\pm$ 861.135 χ^2 /NDF: 7.1/6

cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1400.114+/-0.991 χ^2/NDF : 471207.4/1

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

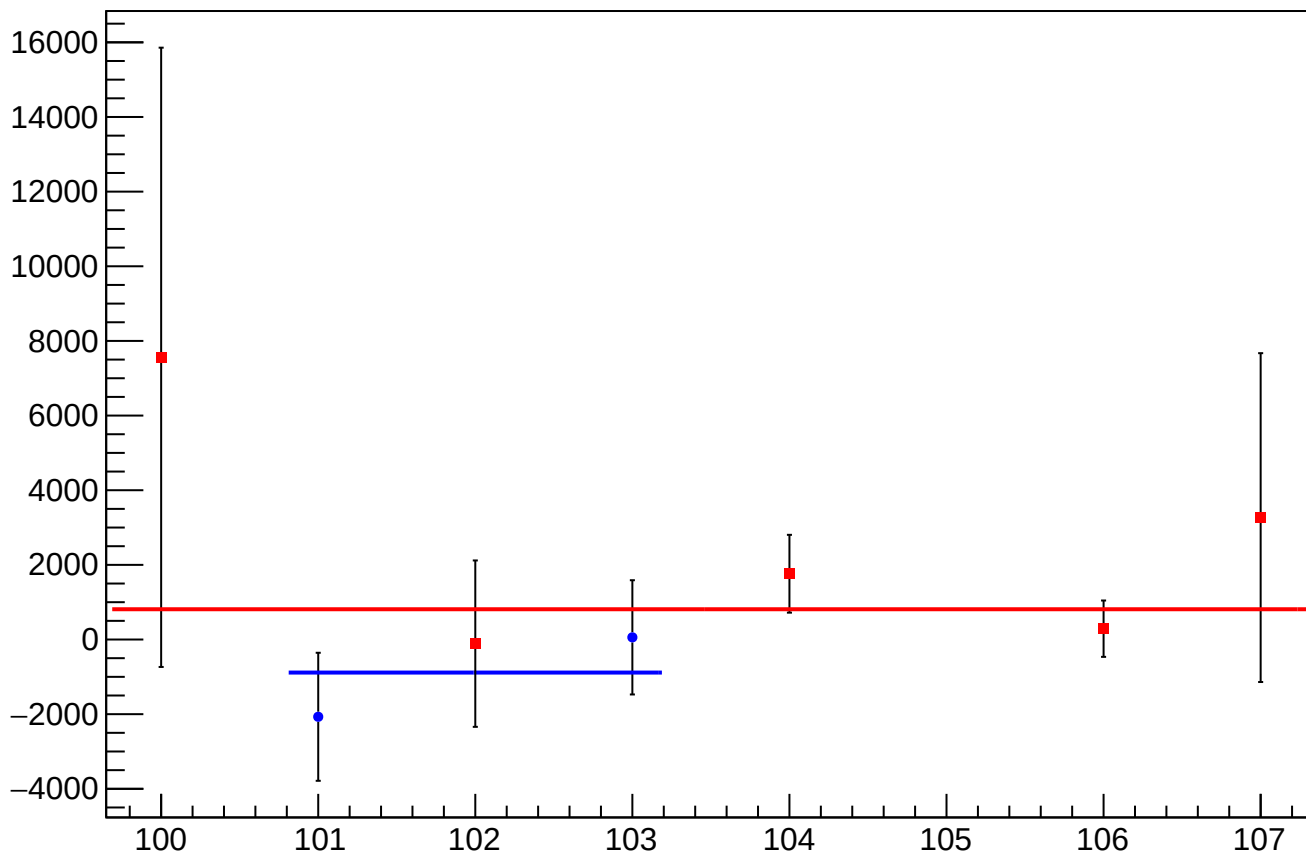
Right: 1361.680+/-0.609 χ^2/NDF : 601204.2/6

In: 1400.114+/-0.991 χ^2/NDF : 471207.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1361.680+/-0.609 χ^2/NDF : 601204.2/6

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -885.348+/-1141.874 χ^2/NDF : 0.9/1

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

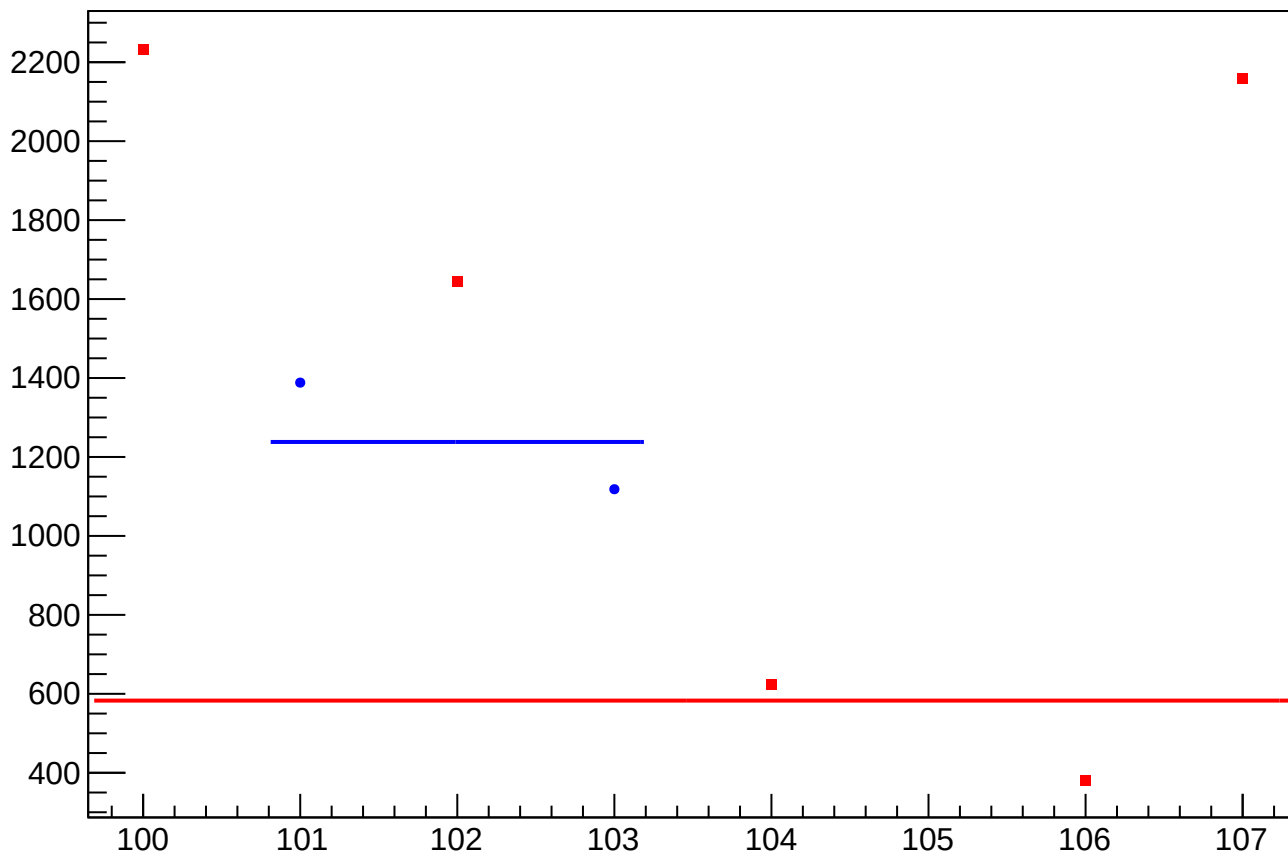
Right: 460.386+/-519.223 χ^2/NDF : 5.1/6

In: -885.348+/-1141.874 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 460.386+/-519.223 χ^2/NDF : 5.1/6

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1238.033+/-0.807 χ^2/NDF : 27606.0/1

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

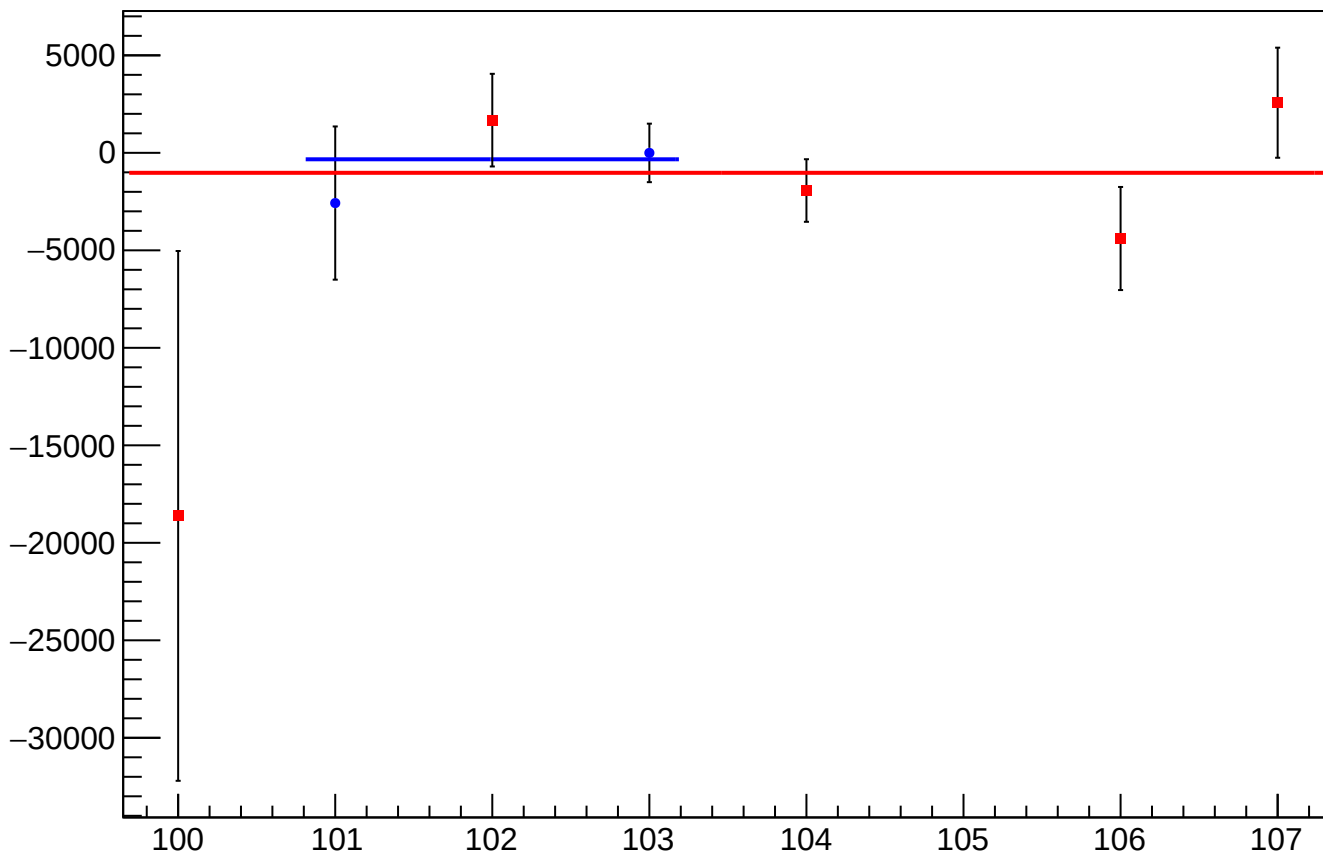
Right: 718.323+/-0.367 χ^2/NDF : 1486050.2/6

In: 1238.033+/-0.807 χ^2/NDF : 27606.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 718.323+/-0.367 χ^2/NDF : 1486050.2/6

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -331.207+/-1401.547 χ^2/NDF : 0.4/1

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

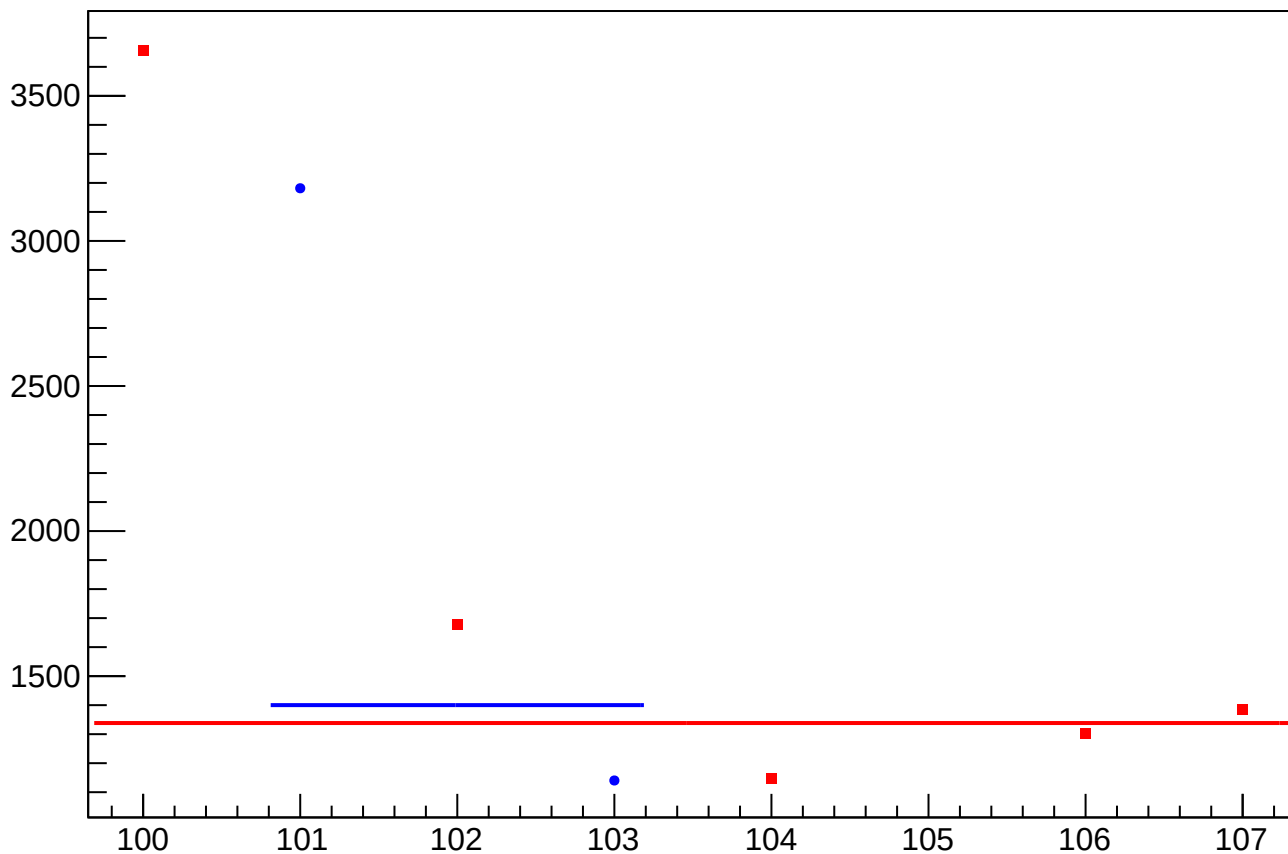
Right: -762.774+/-861.135 χ^2/NDF : 7.1/6

In: -331.207+/-1401.547 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -762.774+/-861.135 χ^2/NDF : 7.1/6

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1400.114+/-0.991 χ^2/NDF : 471207.4/1

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

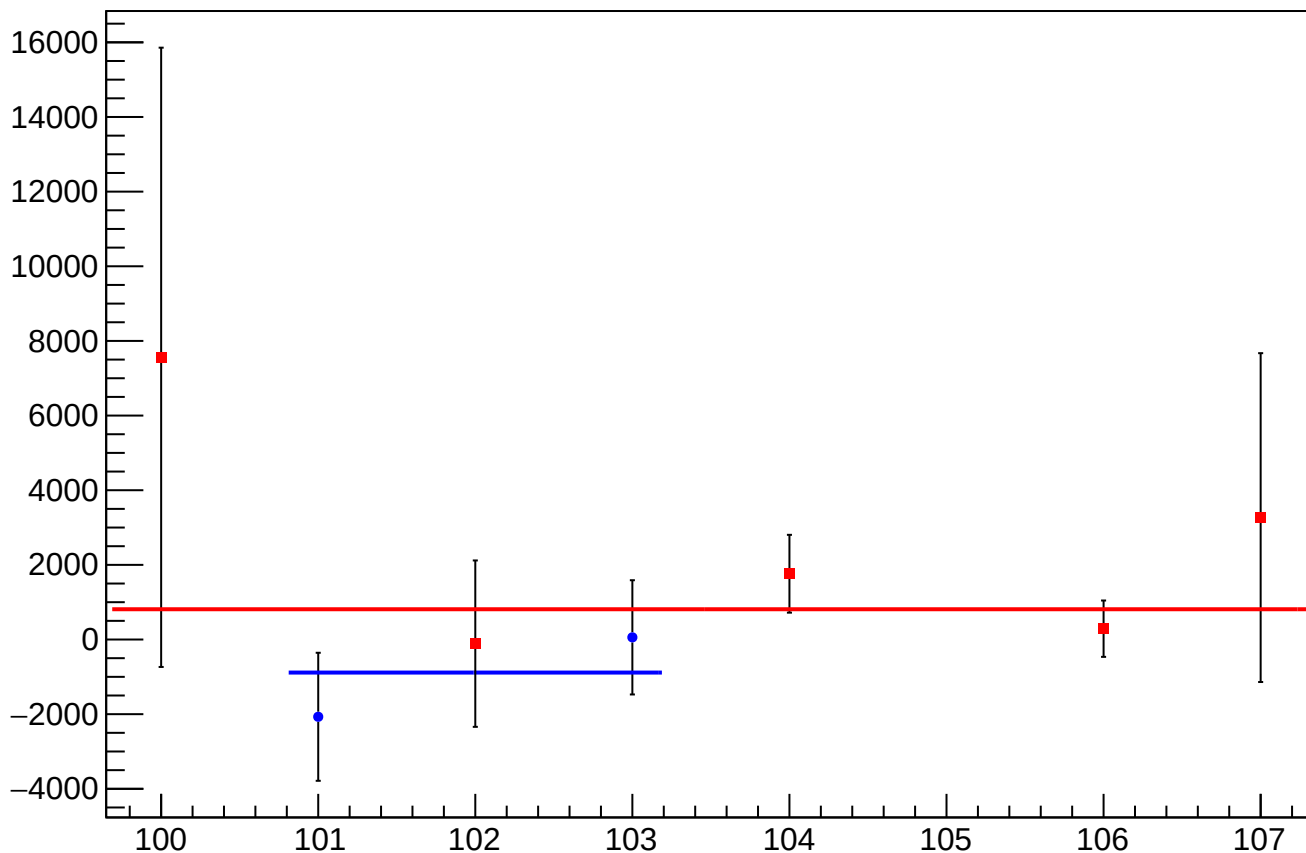
Right: 1361.680+/-0.609 χ^2/NDF : 601204.2/6

In: 1400.114+/-0.991 χ^2/NDF : 471207.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1361.680+/-0.609 χ^2/NDF : 601204.2/6

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -885.348+/-1141.874 χ^2/NDF : 0.9/1

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

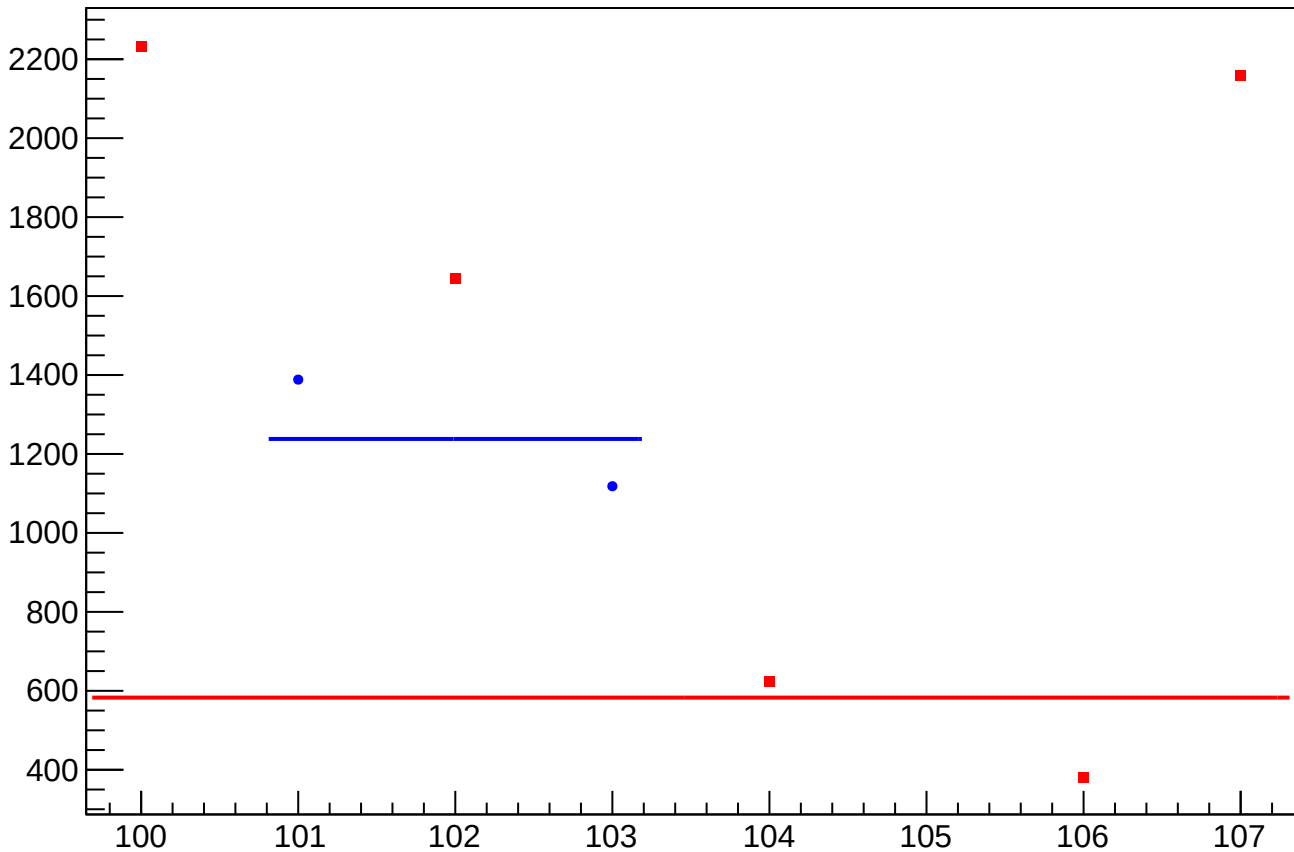
Right: 460.386+/-519.223 χ^2/NDF : 5.1/6

In: -885.348+/-1141.874 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 460.386+/-519.223 χ^2/NDF : 5.1/6

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1238.033+/-0.807 χ^2/NDF : 27606.0/1

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

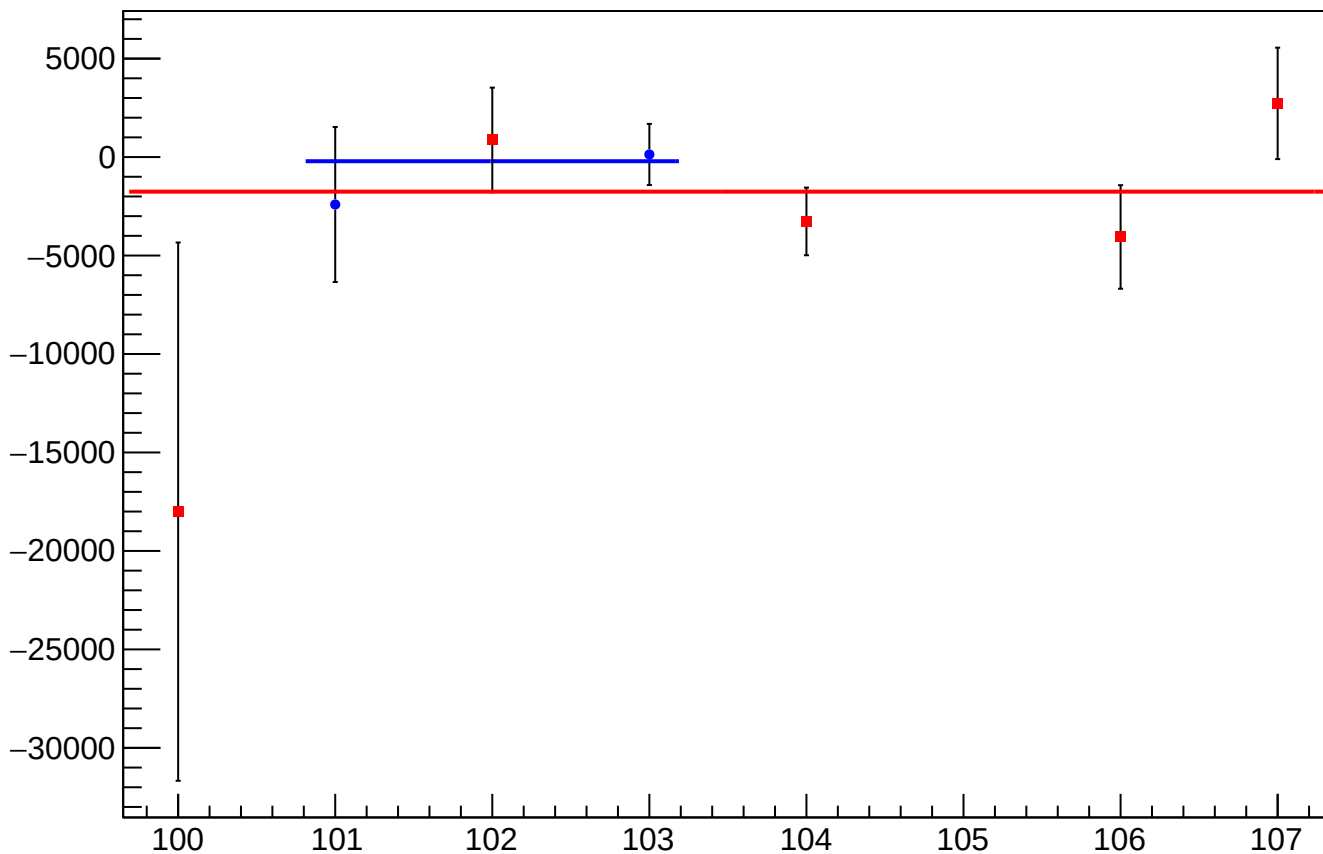
Right: 718.323+/-0.367 χ^2/NDF : 1486050.2/6

In: 1238.033+/-0.807 χ^2/NDF : 27606.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 718.323+/-0.367 χ^2/NDF : 1486050.2/6

dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -210.458+/-1444.750 χ^2/NDF : 0.4/1

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

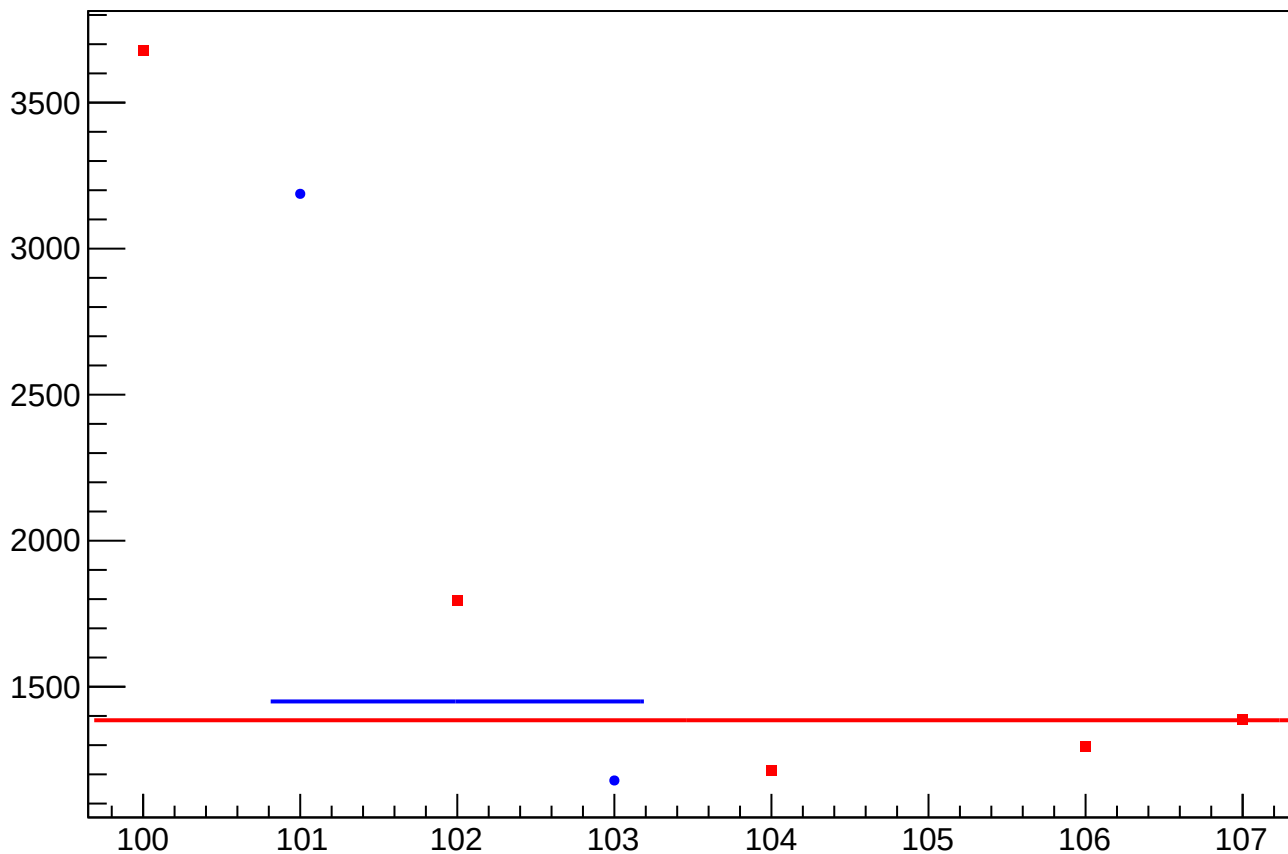
Right: -1156.229+/-899.895 χ^2/NDF : 7.5/6

In: -210.458+/-1444.750 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1156.229+/-899.895 χ^2/NDF : 7.5/6

dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1449.650+/-1.022 χ^2/NDF : 450635.9/1

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

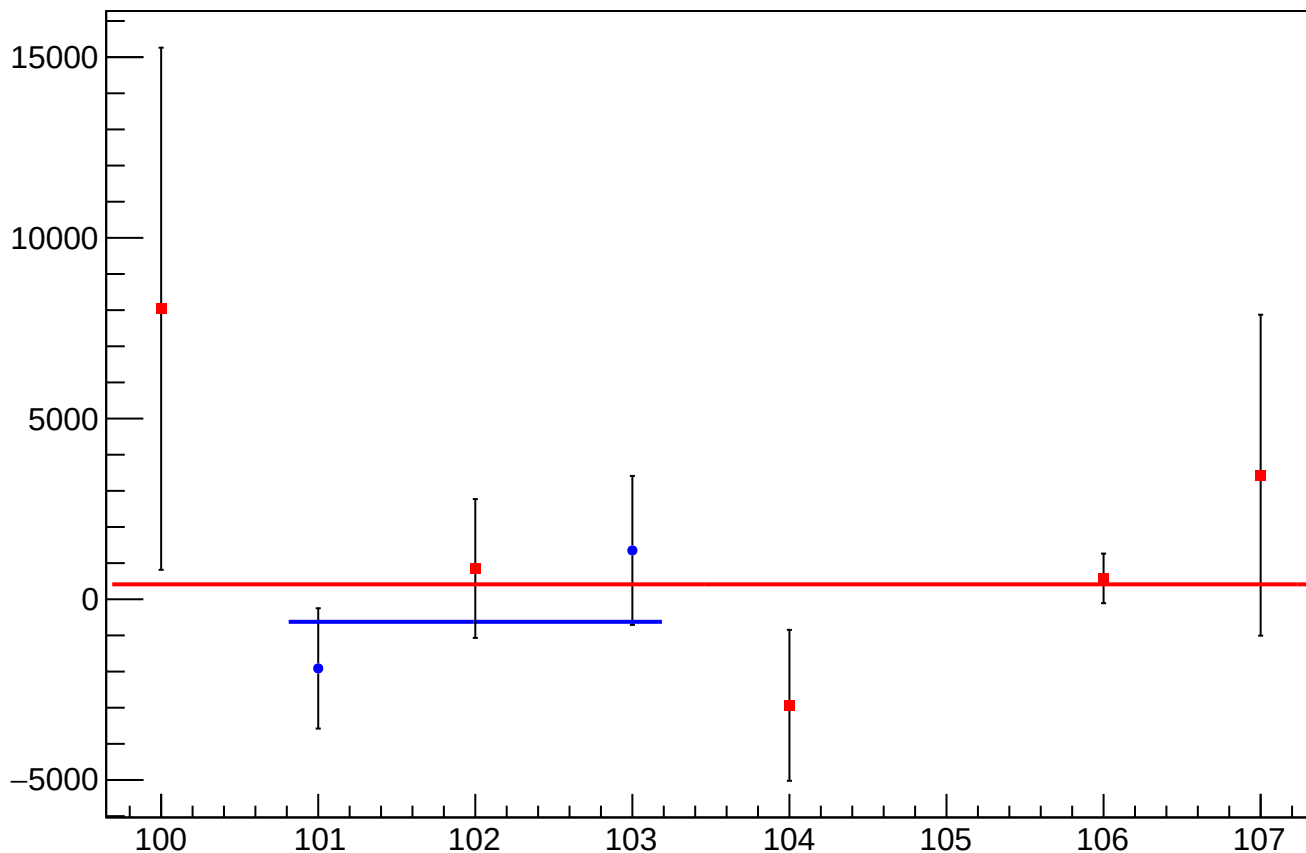
Right: 1410.230+/-0.636 χ^2/NDF : 579134.2/6

In: 1449.650+/-1.022 χ^2/NDF : 450635.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1410.230+/-0.636 χ^2/NDF : 579134.2/6

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -623.563+/-1294.831 χ^2/NDF : 1.5/1

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

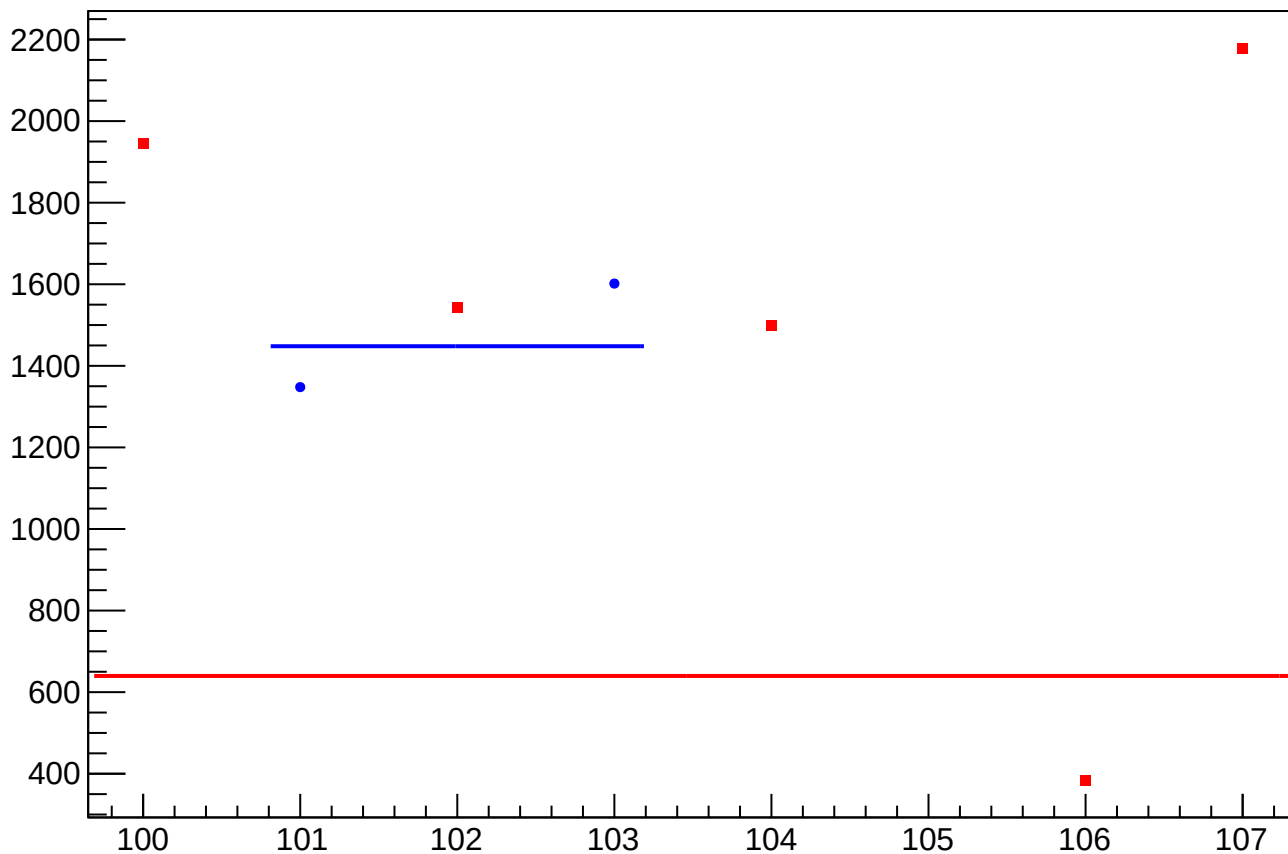
Right: 225.354+/-551.294 χ^2/NDF : 6.3/6

In: -623.563+/-1294.831 χ^2/NDF : 1.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 225.354+/-551.294 χ^2/NDF : 6.3/6

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1448.059+/-0.916 χ^2/NDF : 18367.1/1

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

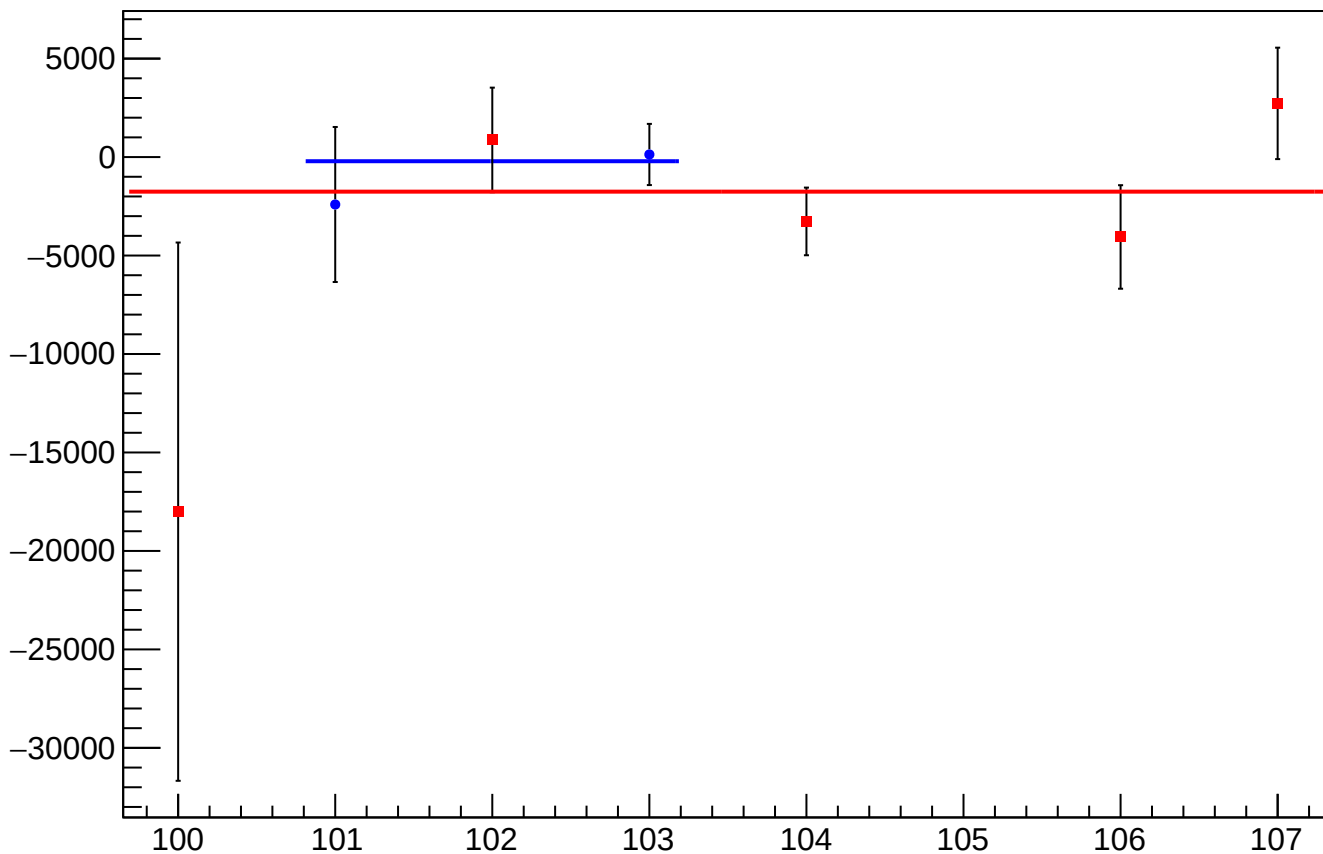
Right: 786.241+/-0.390 χ^2/NDF : 2022005.4/6

In: 1448.059+/-0.916 χ^2/NDF : 18367.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 786.241+/-0.390 χ^2/NDF : 2022005.4/6

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -210.457+/-1444.751 χ^2/NDF : 0.4/1

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

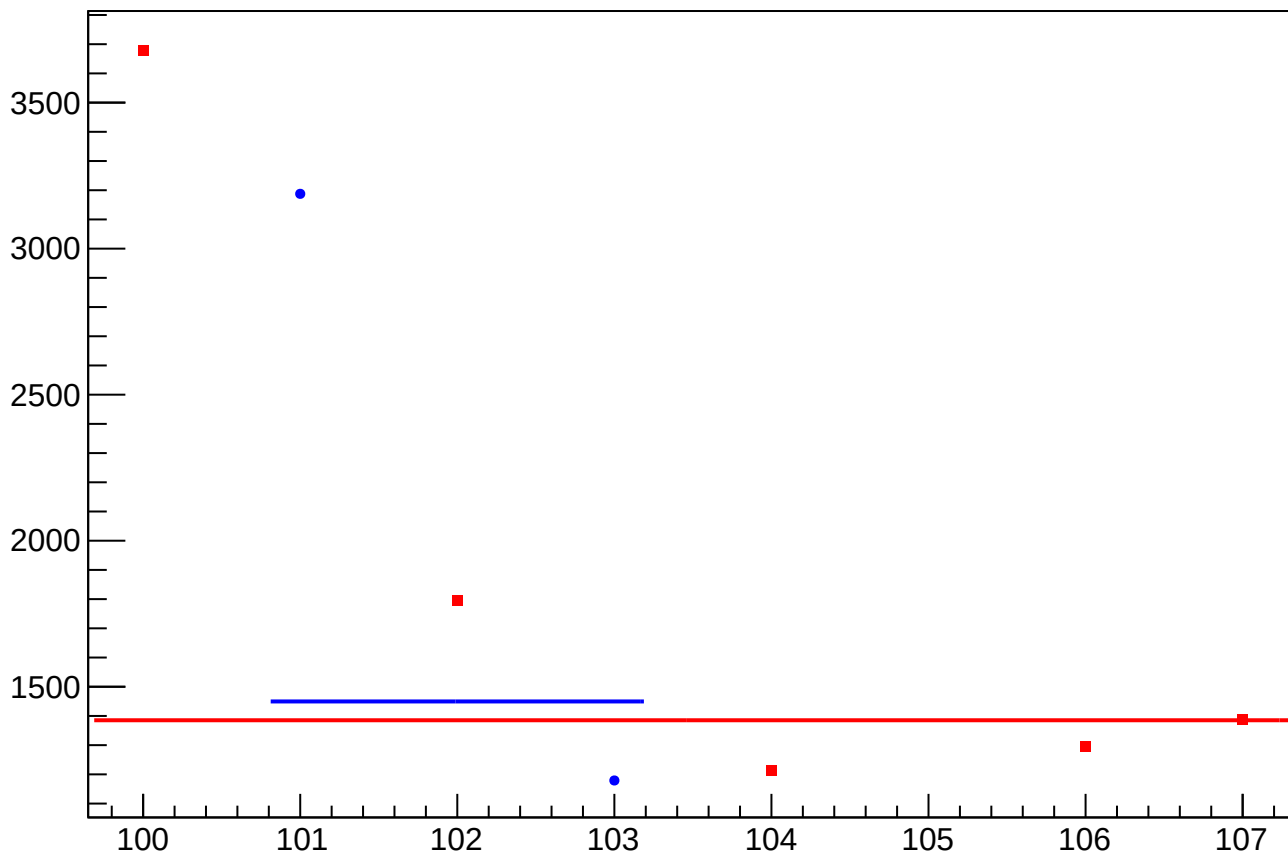
Right: -1156.231+/-899.895 χ^2/NDF : 7.5/6

In: -210.457+/-1444.751 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1156.231+/-899.895 χ^2/NDF : 7.5/6

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1449.650+/-1.022 χ^2/NDF : 450635.7/1

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

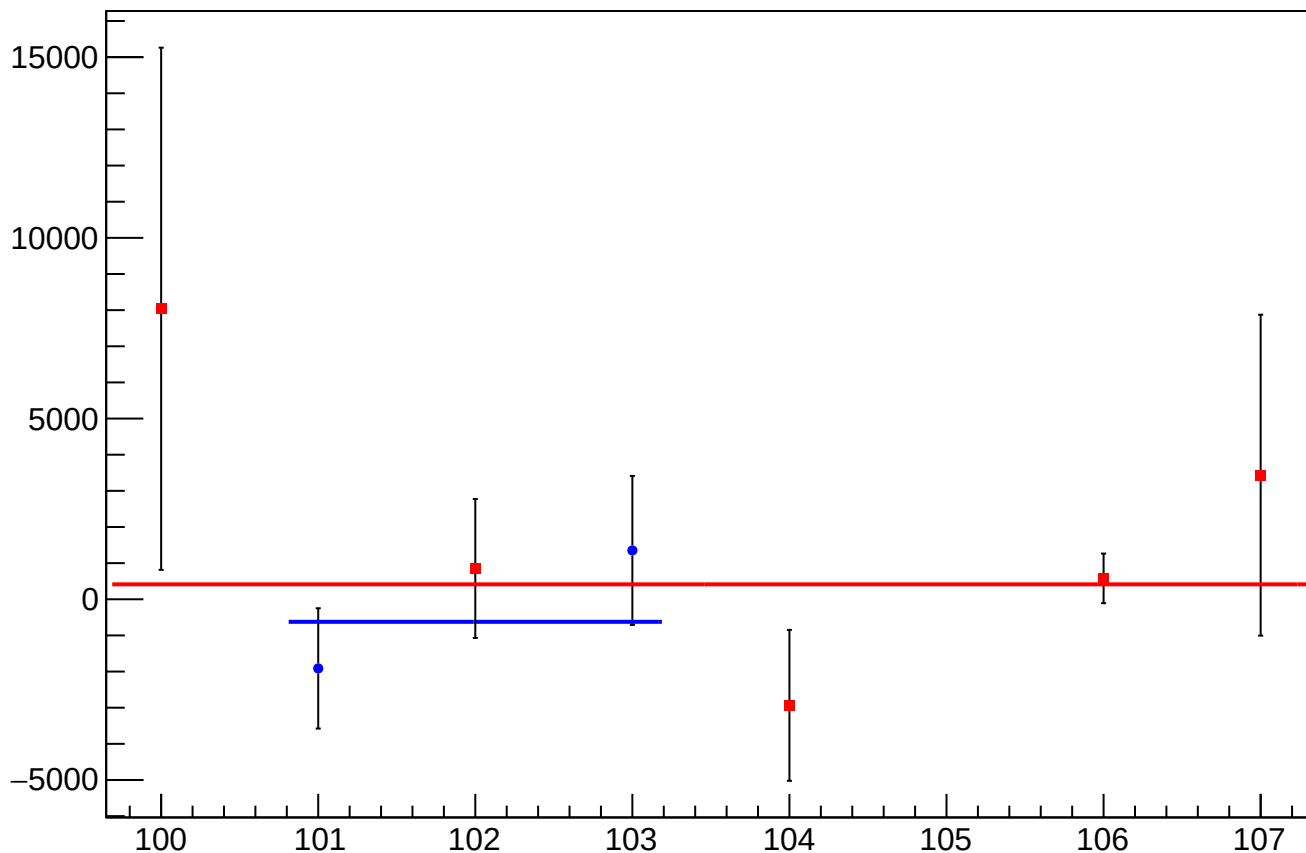
Right: 1410.231+/-0.636 χ^2/NDF : 579134.0/6

In: 1449.650+/-1.022 χ^2/NDF : 450635.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1410.231+/-0.636 χ^2/NDF : 579134.0/6

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -623.558+/-1294.829 χ^2/NDF : 1.5/1

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

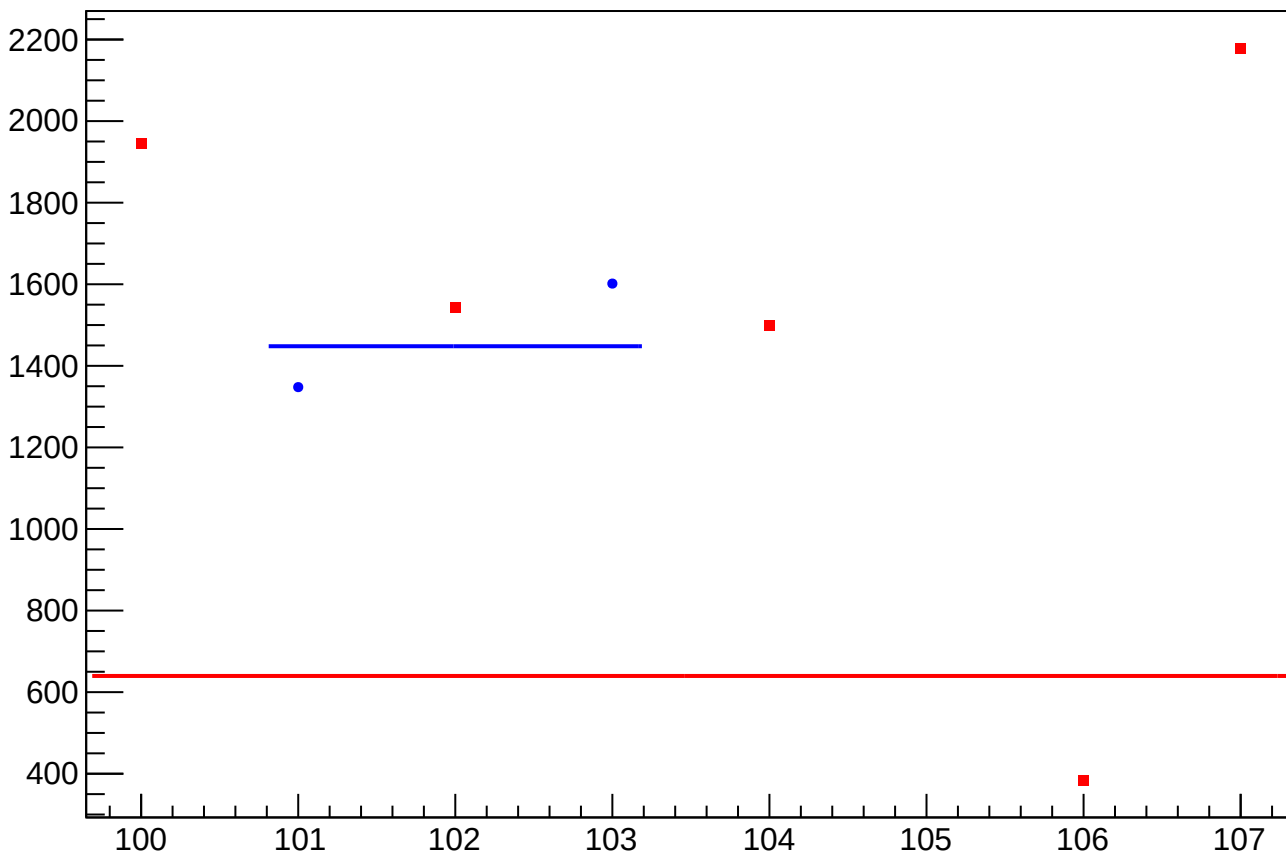
Right: 225.349+/-551.291 χ^2/NDF : 6.3/6

In: -623.558+/-1294.829 χ^2/NDF : 1.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 225.349+/-551.291 χ^2/NDF : 6.3/6

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1448.057+/-0.916 χ^2/NDF : 18367.8/1

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

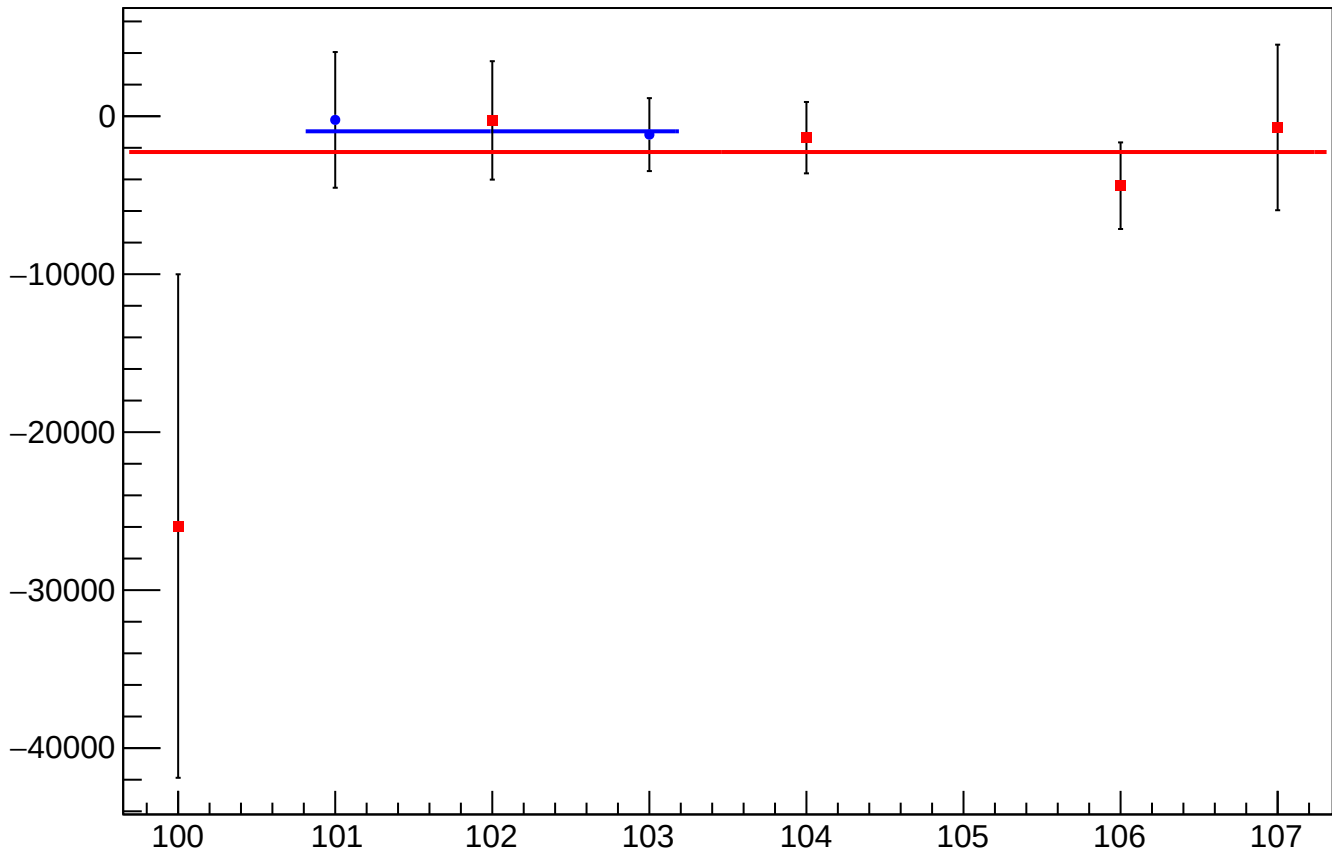
Right: 786.235+/-0.390 χ^2/NDF : 2022026.4/6

In: 1448.057+/-0.916 χ^2/NDF : 18367.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 786.235+/-0.390 χ^2/NDF : 2022026.4/6

asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -955.739+/-233.669 χ^2/NDF : 0.0/1

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

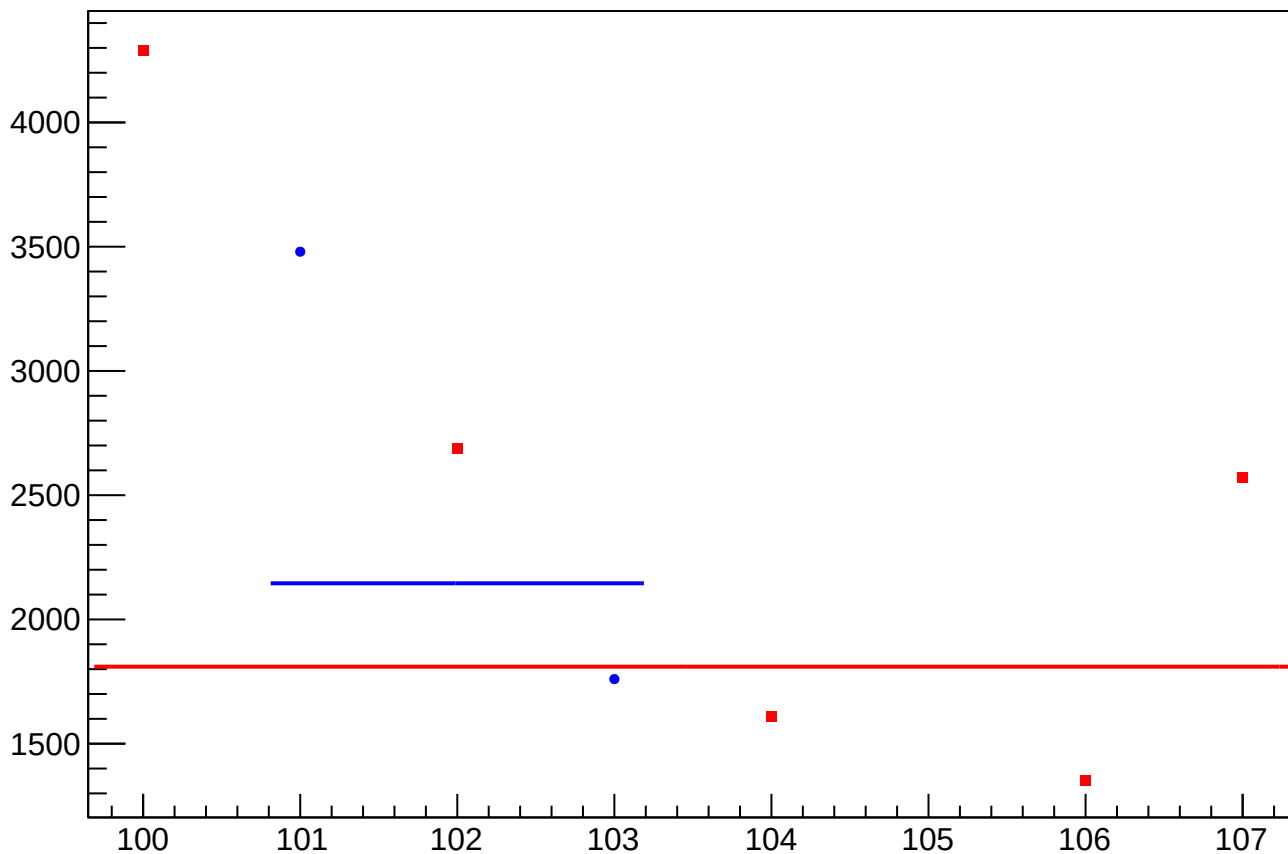
Right: -1802.092+/-1210.617 χ^2/NDF : 3.7/6

In: -955.739+/-233.669 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1802.092+/-1210.617 χ^2/NDF : 3.7/6

asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 2145.456+/-1.438 χ^2/NDF : 248770.8/1

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

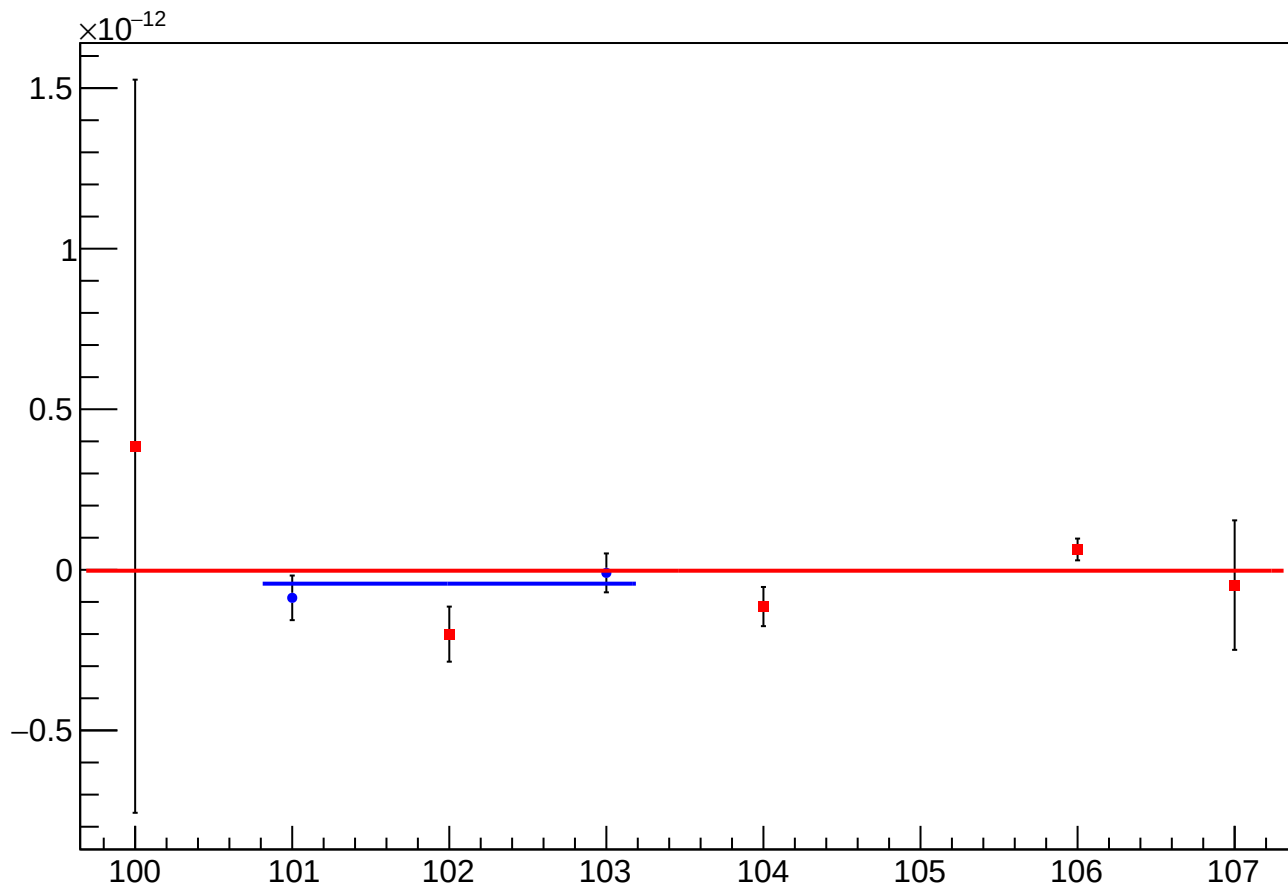
Right: 1928.862+/-0.856 χ^2/NDF : 555052.9/6

In: 2145.456+/-1.438 χ^2/NDF : 248770.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1928.862+/-0.856 χ^2/NDF : 555052.9/6

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 0.7/1

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.6/4

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

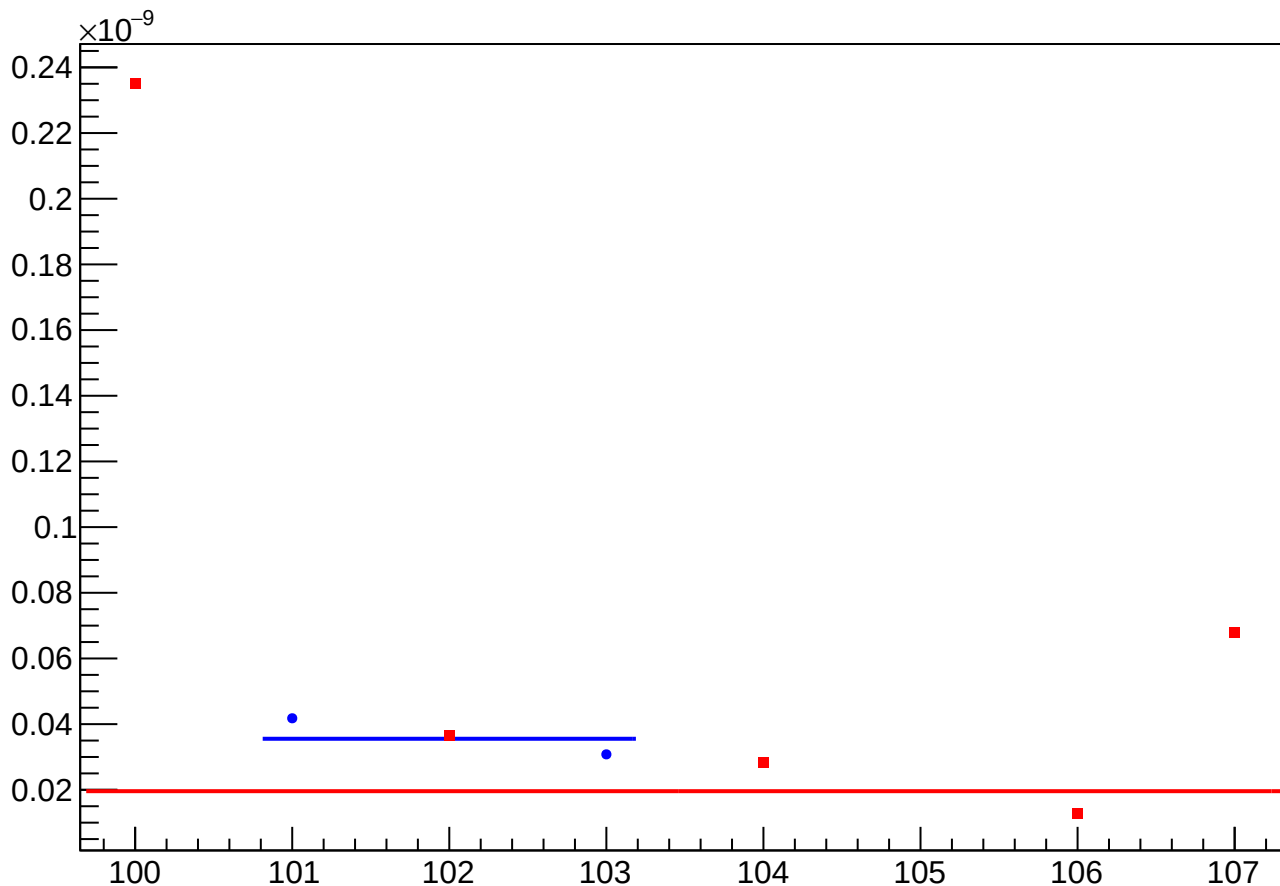
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.9/6

In: -0.000 $\pm$ 0.000 χ^2 /NDF:0.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.9/6

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 28427.2/1

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

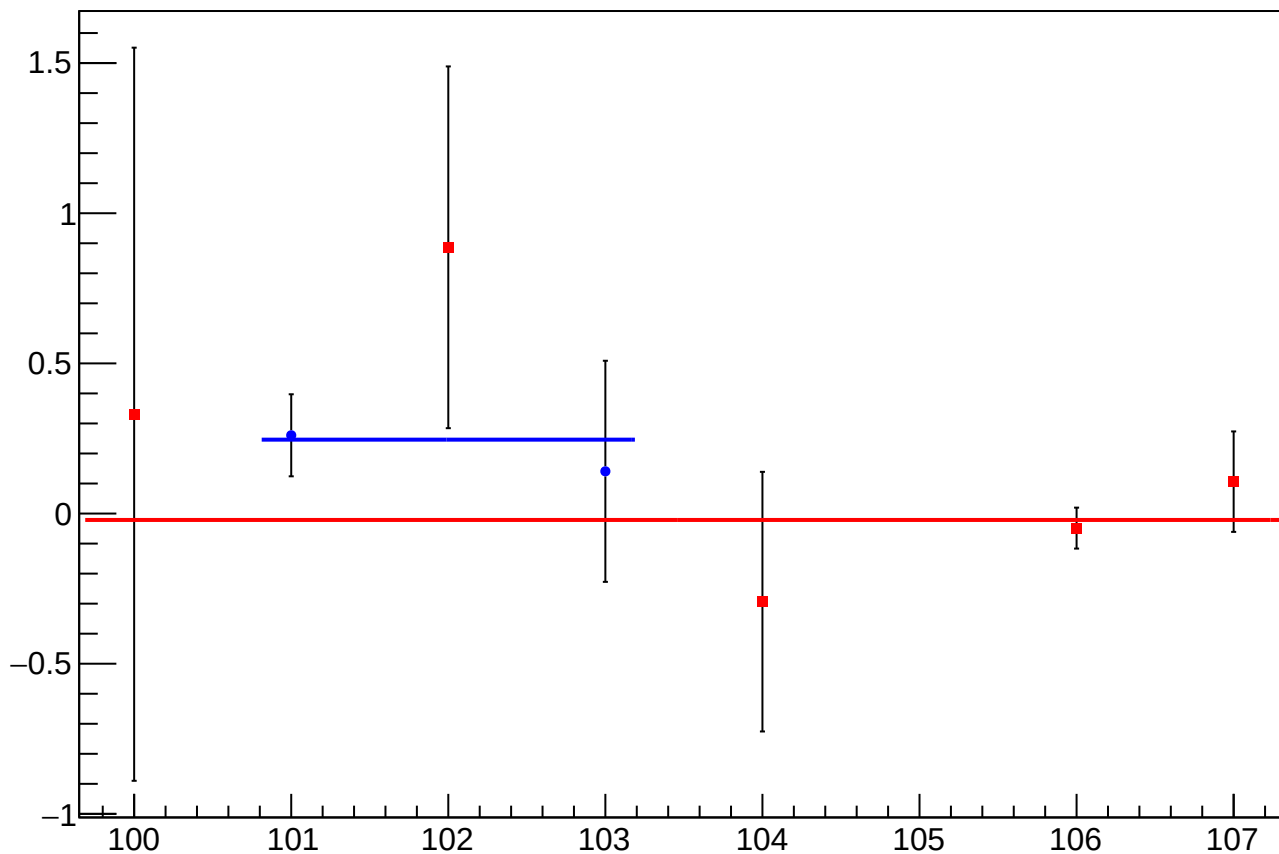
Right: 0.000+/-0.000 χ^2/NDF : 593649.0/6

In: 0.000+/-0.000 χ^2/NDF : 28427.2/1

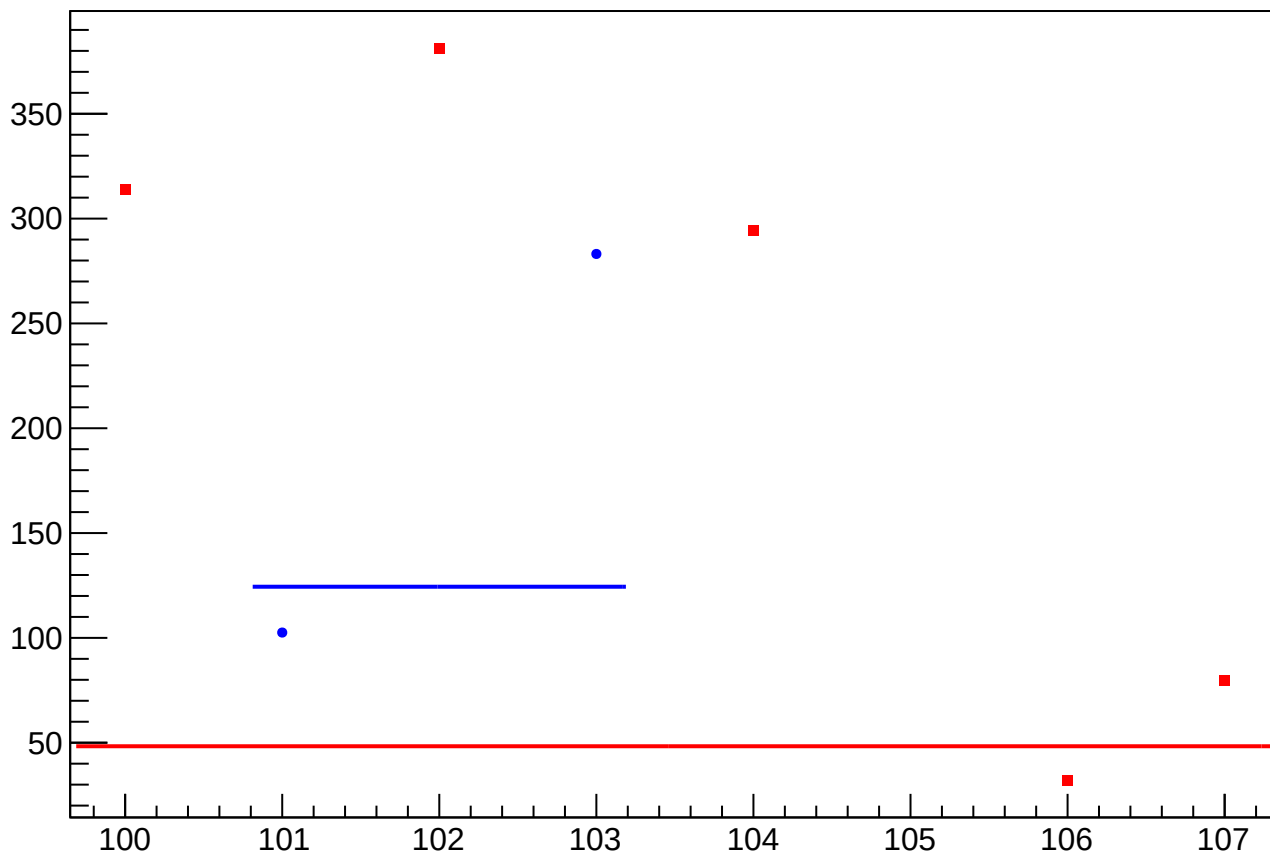
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 593649.0/6

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 124.404 $\pm$ 0.091 χ^2 /NDF: 423134.0/1

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

Right Out: 48.308 $\pm$ 0.044 χ^2 /NDF: 1539561.3/4

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

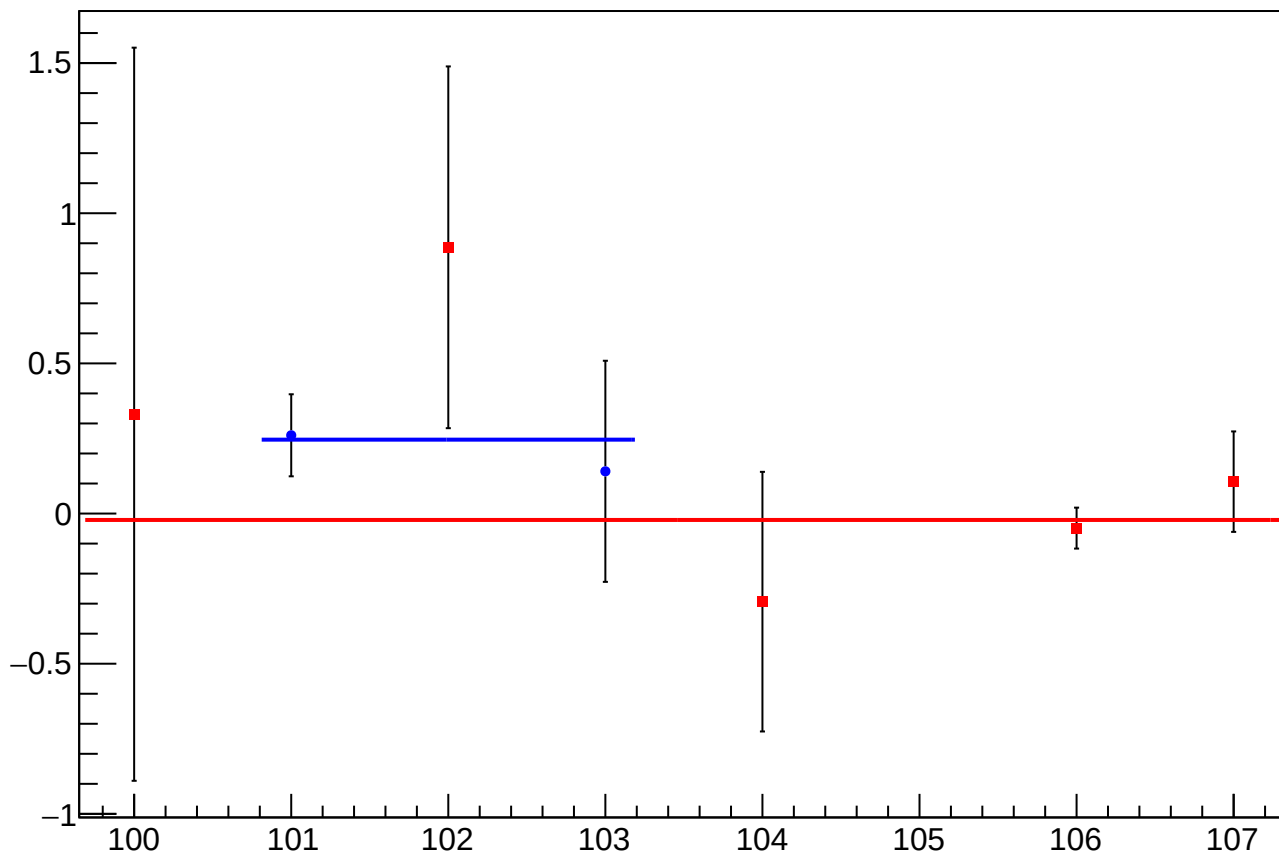
Right: 62.779 $\pm$ 0.039 χ^2 /NDF: 2534539.3/6

In: 124.404 $\pm$ 0.091 χ^2 /NDF:423134.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 62.779 $\pm$ 0.039 χ^2 /NDF: 2534539.3/6

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.246 $\pm$ 0.128 χ^2 /NDF: 0.1/1

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

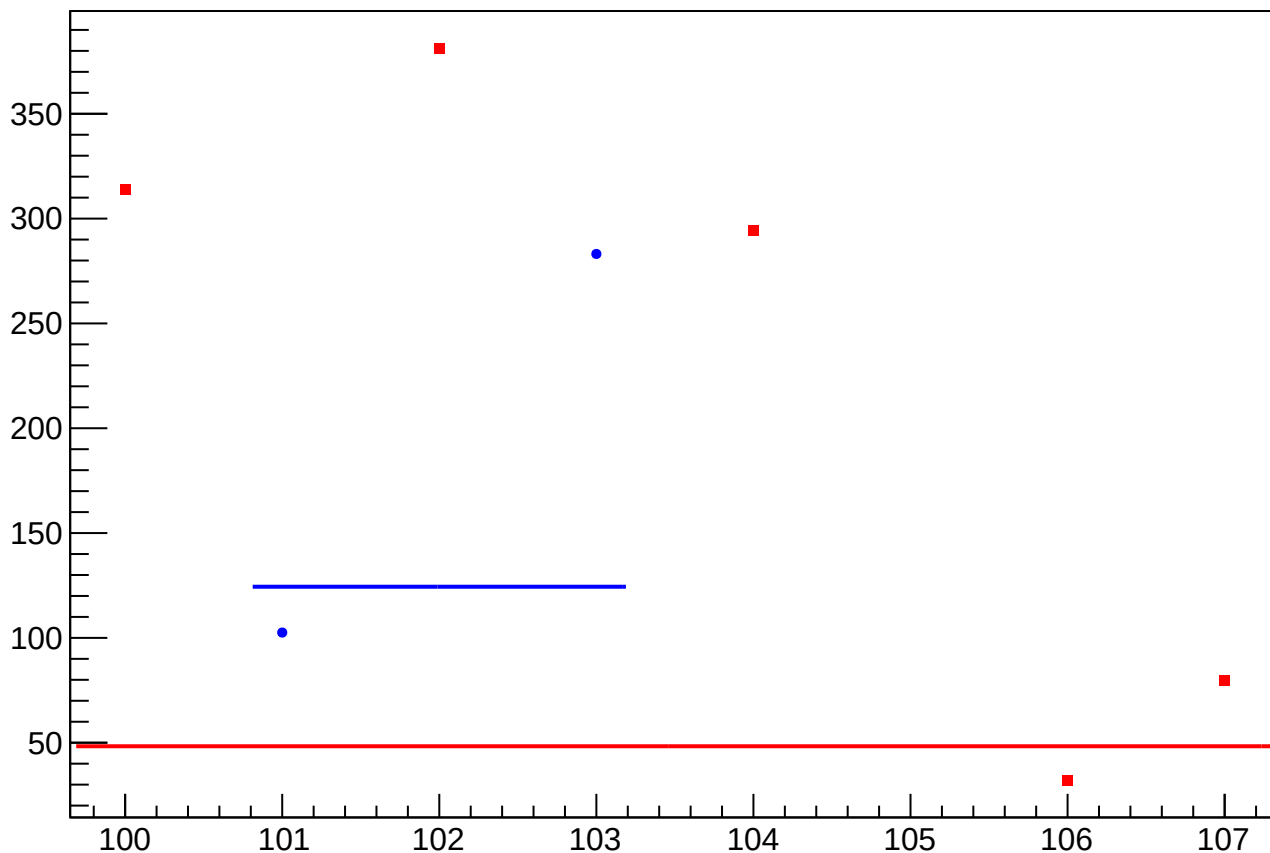
Right: 0.030 $\pm$ 0.056 χ^2 /NDF: 7.1/6

In: 0.246 $\pm$ 0.128 χ^2 /NDF: 0.1/1

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

All: 0.030 $\pm$ 0.056 χ^2 /NDF: 7.1/6

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 124.404 $\pm$ 0.091 χ^2 /NDF: 423134.0/1

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

Right Out: 48.308 $\pm$ 0.044 χ^2 /NDF: 1539561.3/4

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

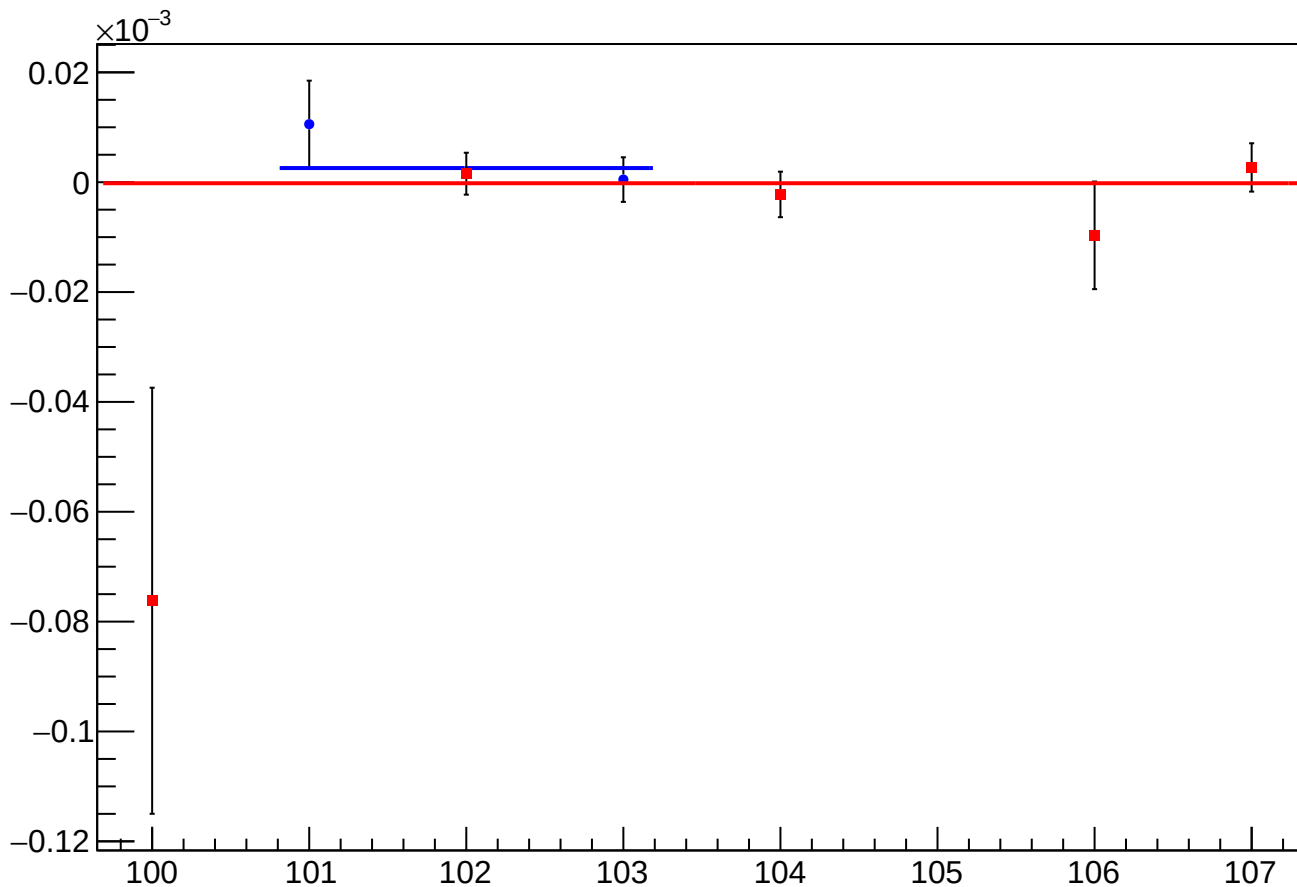
Right: 62.779 $\pm$ 0.039 χ^2 /NDF: 2534539.3/6

In: 124.404 $\pm$ 0.091 χ^2 /NDF:423134.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 62.779 $\pm$ 0.039 χ^2 /NDF: 2534539.3/6

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 : 1.3/1

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

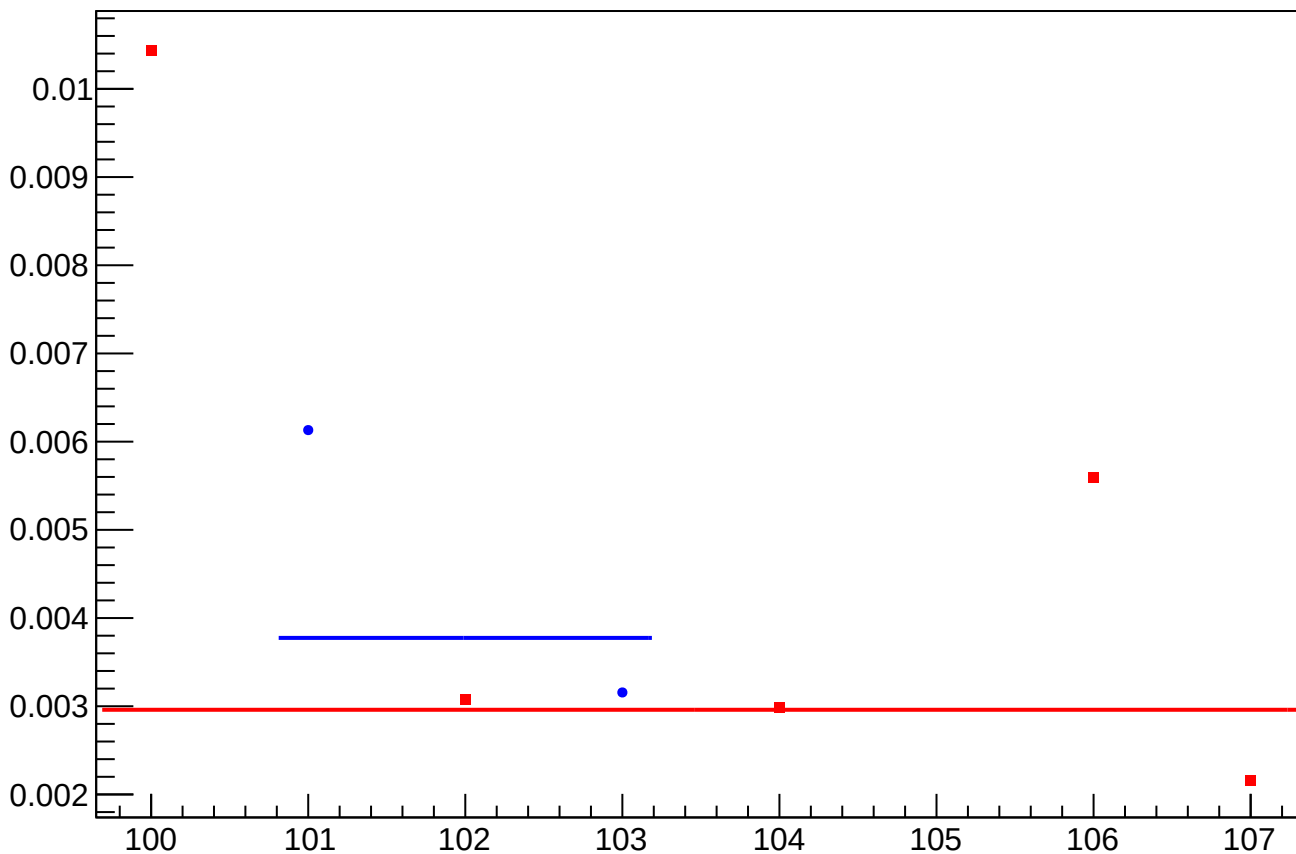
Right: 0.000+/-0.000 χ^2/NDF : 7.4/6

In: 0.000+/-0.000 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.4/6

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 : 223303.3/1

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

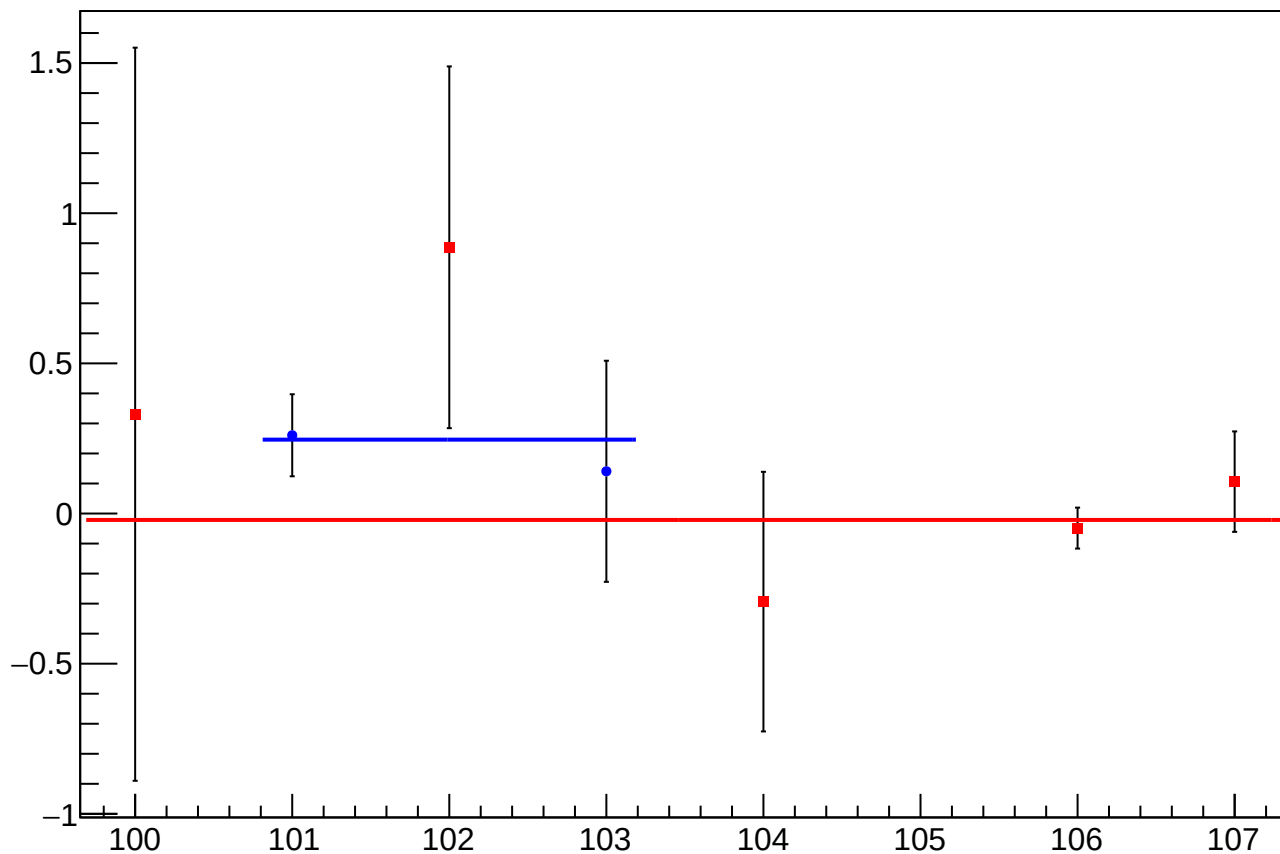
Right: 0.003+/-0.000 χ^2/NDF : 582508.2/6

In: 0.004+/-0.000 χ^2/NDF : 223303.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 582508.2/6

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.246 $\pm$ 0.128 χ^2 /NDF: 0.1/1

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

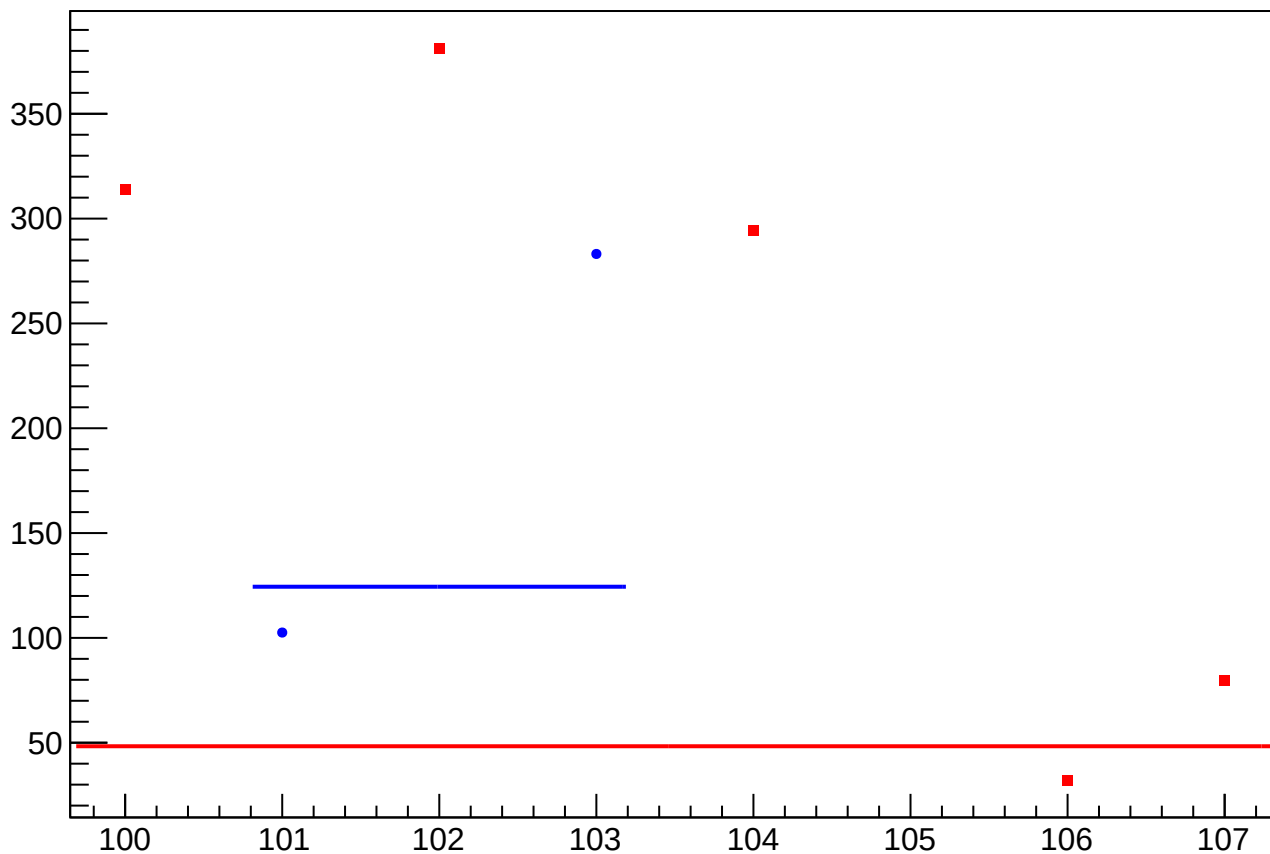
Right: 0.030 $\pm$ 0.056 χ^2 /NDF: 7.1/6

In: 0.246 $\pm$ 0.128 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.030 $\pm$ 0.056 χ^2 /NDF: 7.1/6

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 124.406+/-0.091 χ^2/NDF : 423129.2/1

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

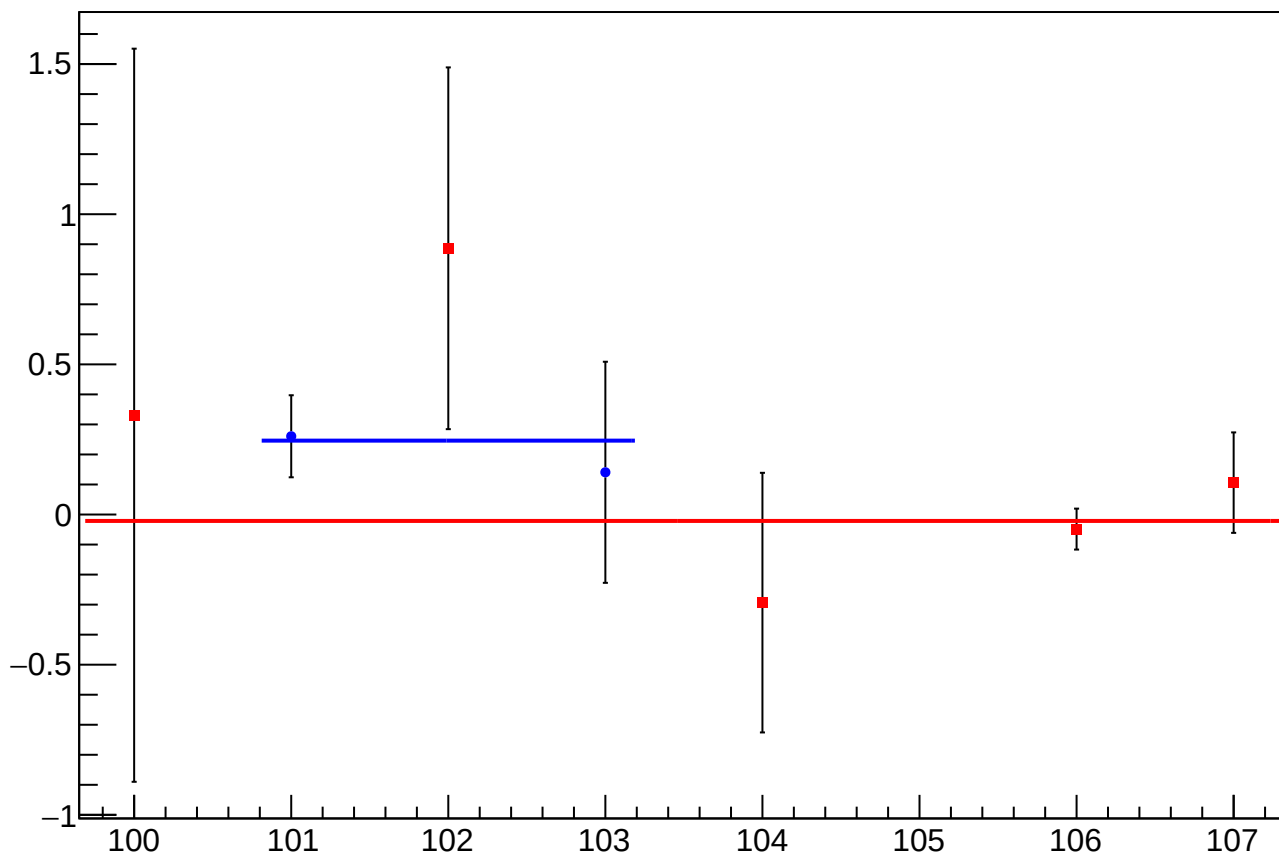
Right: 62.782+/-0.039 χ^2/NDF : 2534476.4/6

In: 124.406+/-0.091 χ^2/NDF : 423129.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.782+/-0.039 χ^2/NDF : 2534476.4/6

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.246+/-0.128 χ^2/NDF : 0.1/1

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

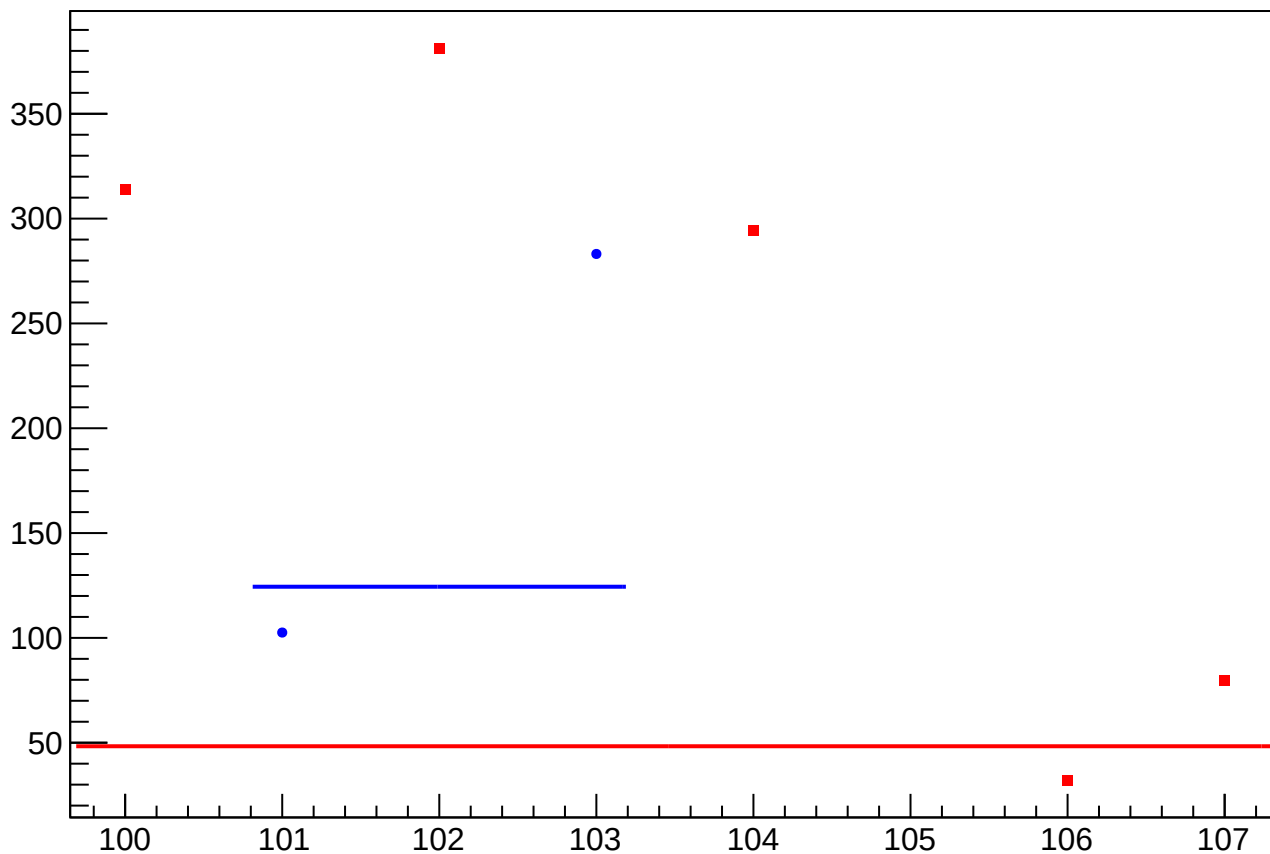
Right: 0.030+/-0.056 χ^2/NDF : 7.1/6

In: 0.246+/-0.128 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.030+/-0.056 χ^2/NDF : 7.1/6

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 124.406+/-0.091 χ^2/NDF : 423129.2/1

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

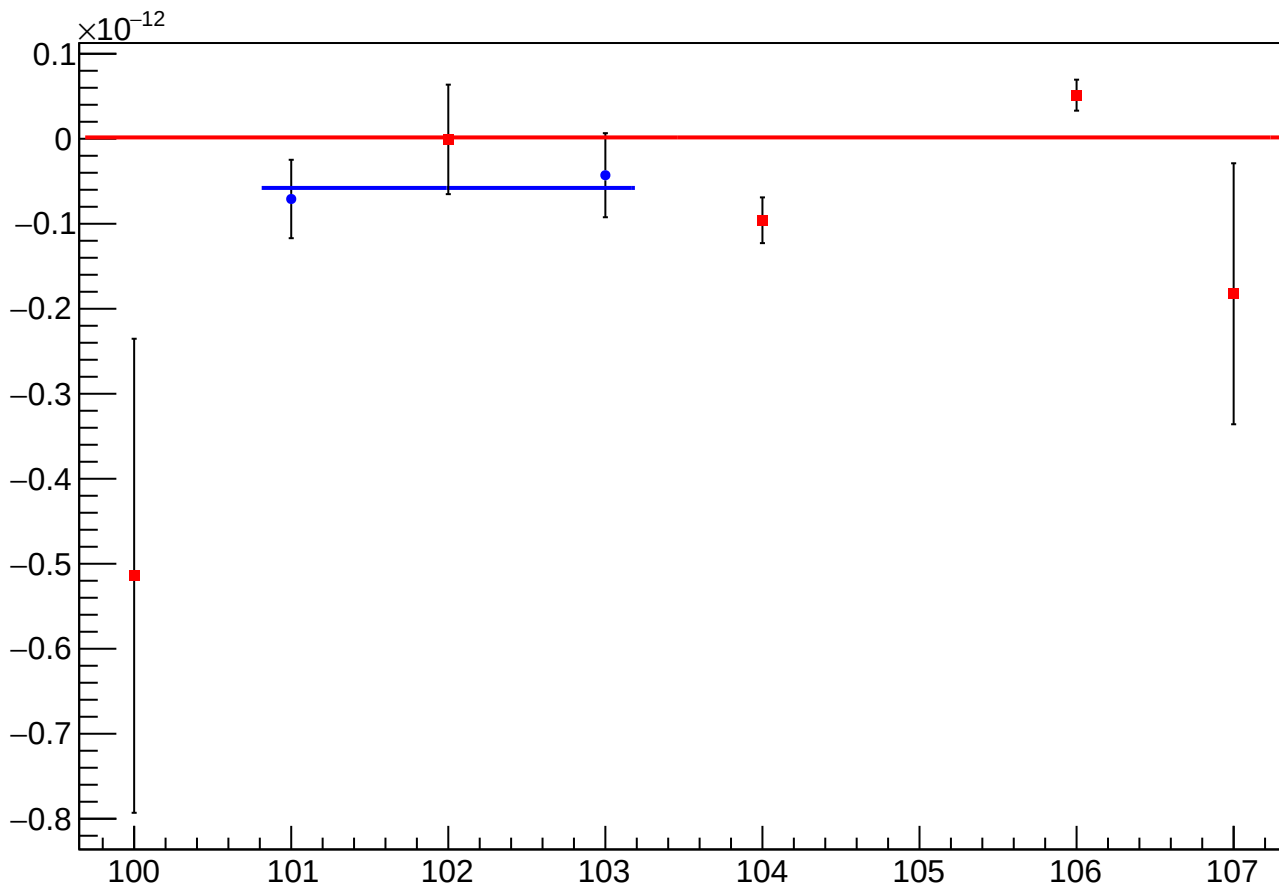
Right: 62.782+/-0.039 χ^2/NDF : 2534476.4/6

In: 124.406+/-0.091 χ^2/NDF : 423129.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.782+/-0.039 χ^2/NDF : 2534476.4/6

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 : 0.2/1

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

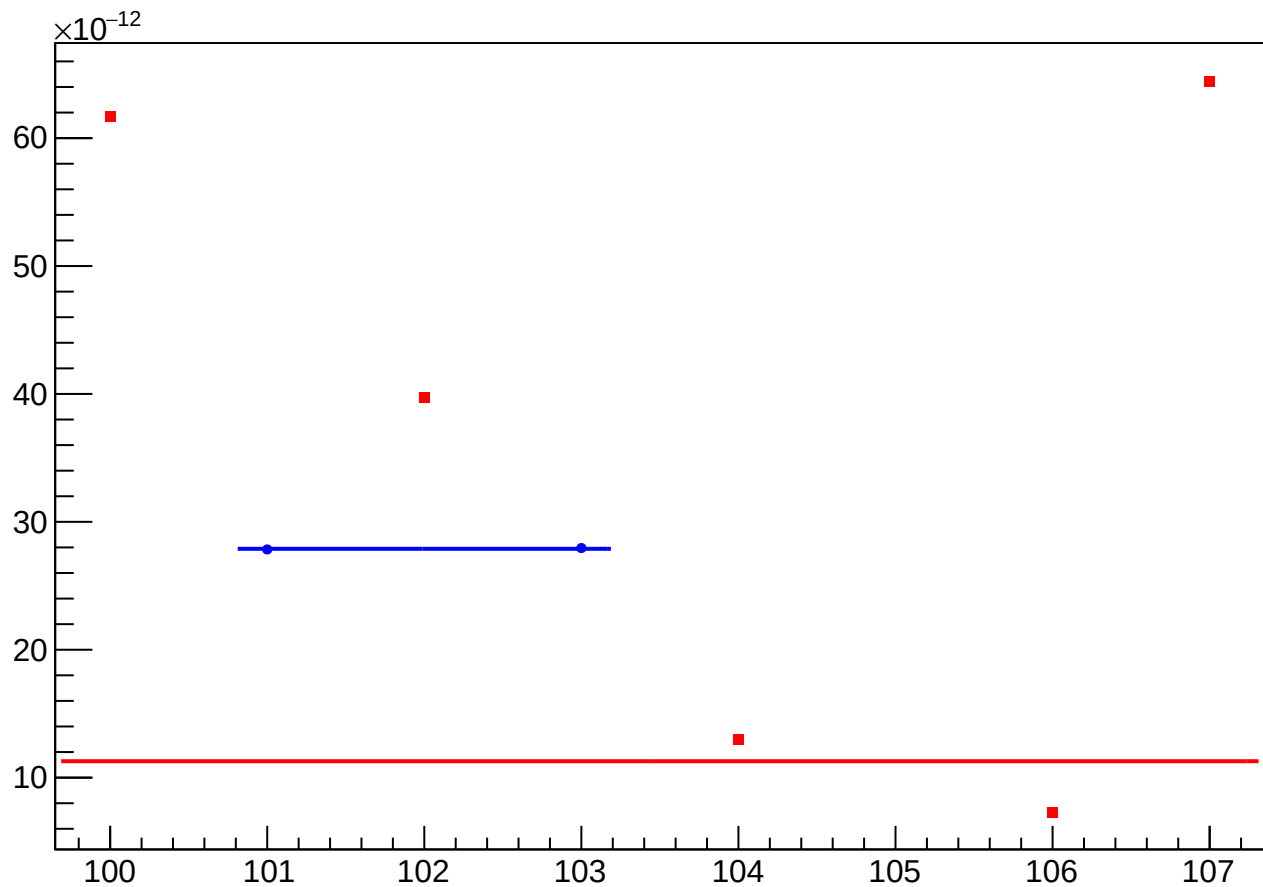
Right: -0.000+/-0.000 χ^2/NDF : 28.2/6

In: -0.000+/-0.000 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.2/6

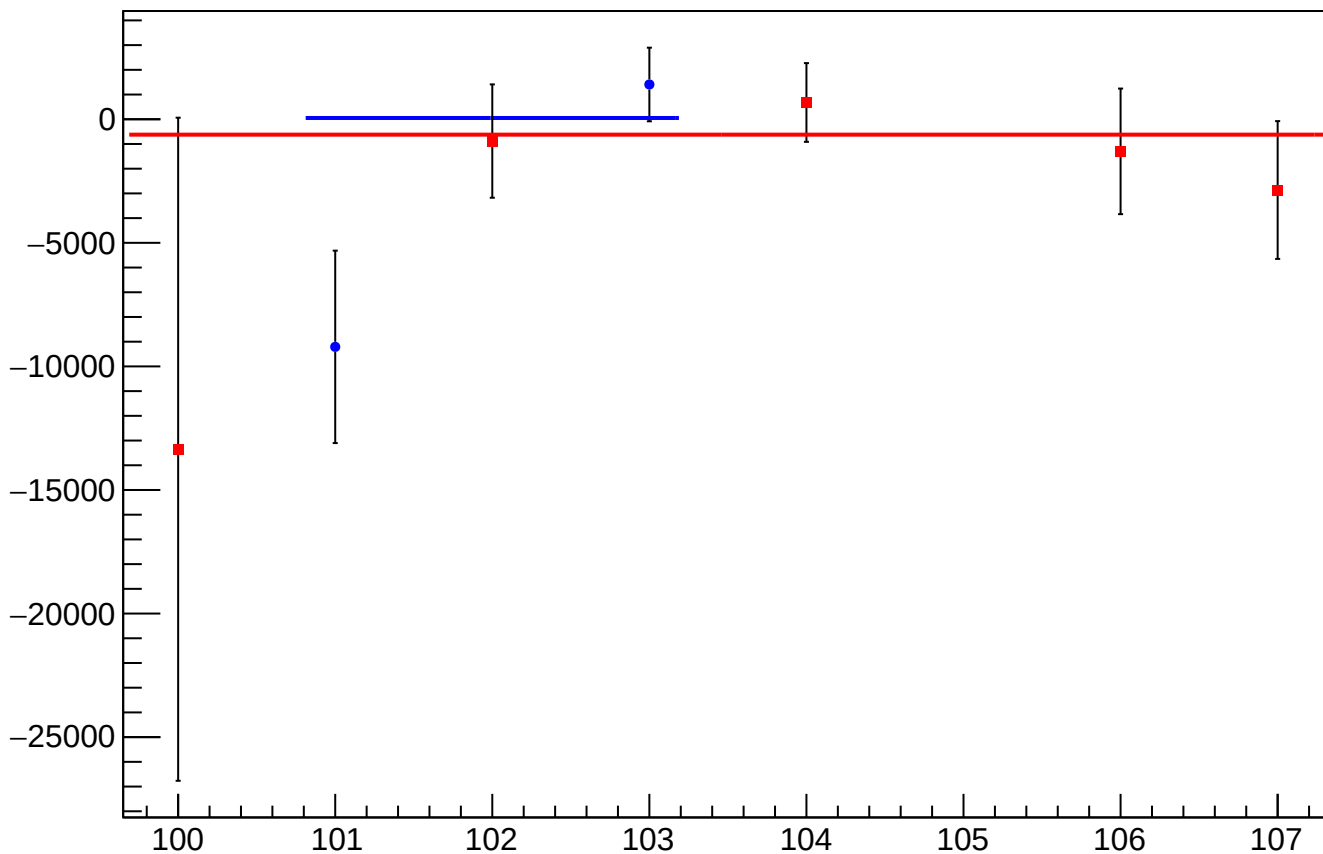
asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.2/1
 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 : 1209446.0/6
 In: 0.000+/-0.000 χ^2/NDF : 5.2/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 1209446.0/6

reg_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 51.748+/-1391.036 χ^2/NDF : 6.5/1

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

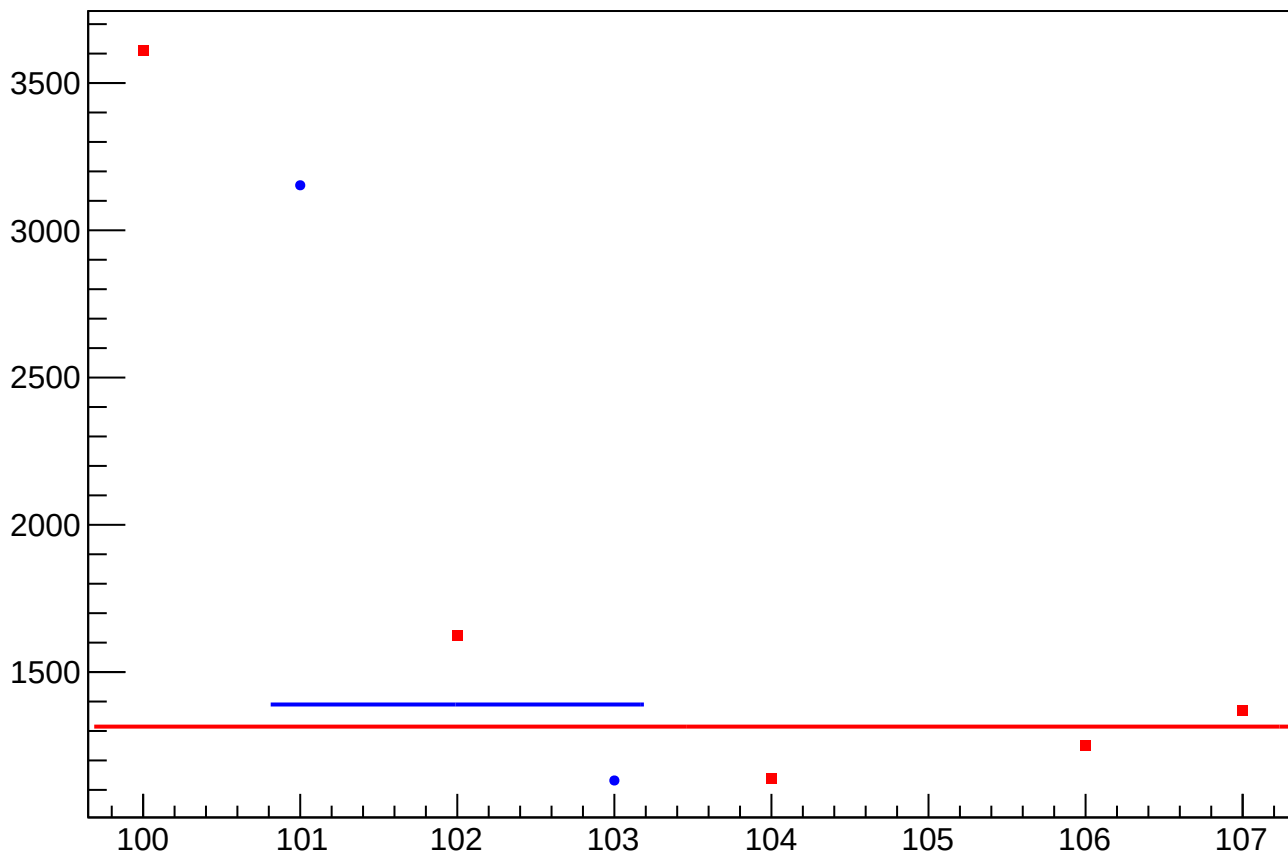
Right: -372.001+/-848.120 χ^2/NDF : 8.9/6

In: 51.748+/-1391.036 χ^2/NDF : 6.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -372.001+/-848.120 χ^2/NDF : 8.9/6

reg_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1389.931+/-0.984 χ^2/NDF : 470145.3/1

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

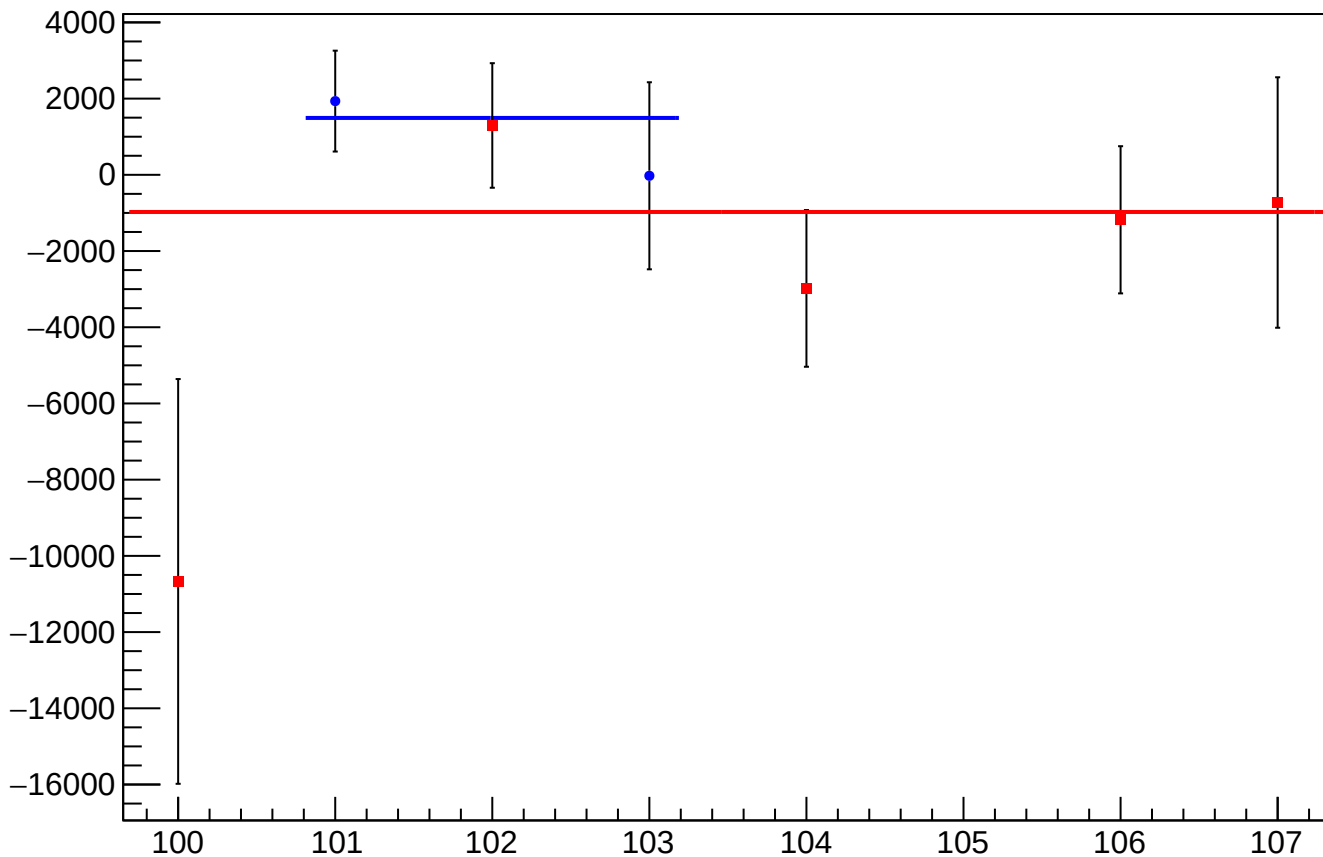
Right: 1342.763+/-0.600 χ^2/NDF : 594803.1/6

In: 1389.931+/-0.984 χ^2/NDF : 470145.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1342.763+/-0.600 χ^2/NDF : 594803.1/6

asym_at1_dd_at2_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 1492.906+/-1164.957 χ^2/NDF : 0.5/1

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

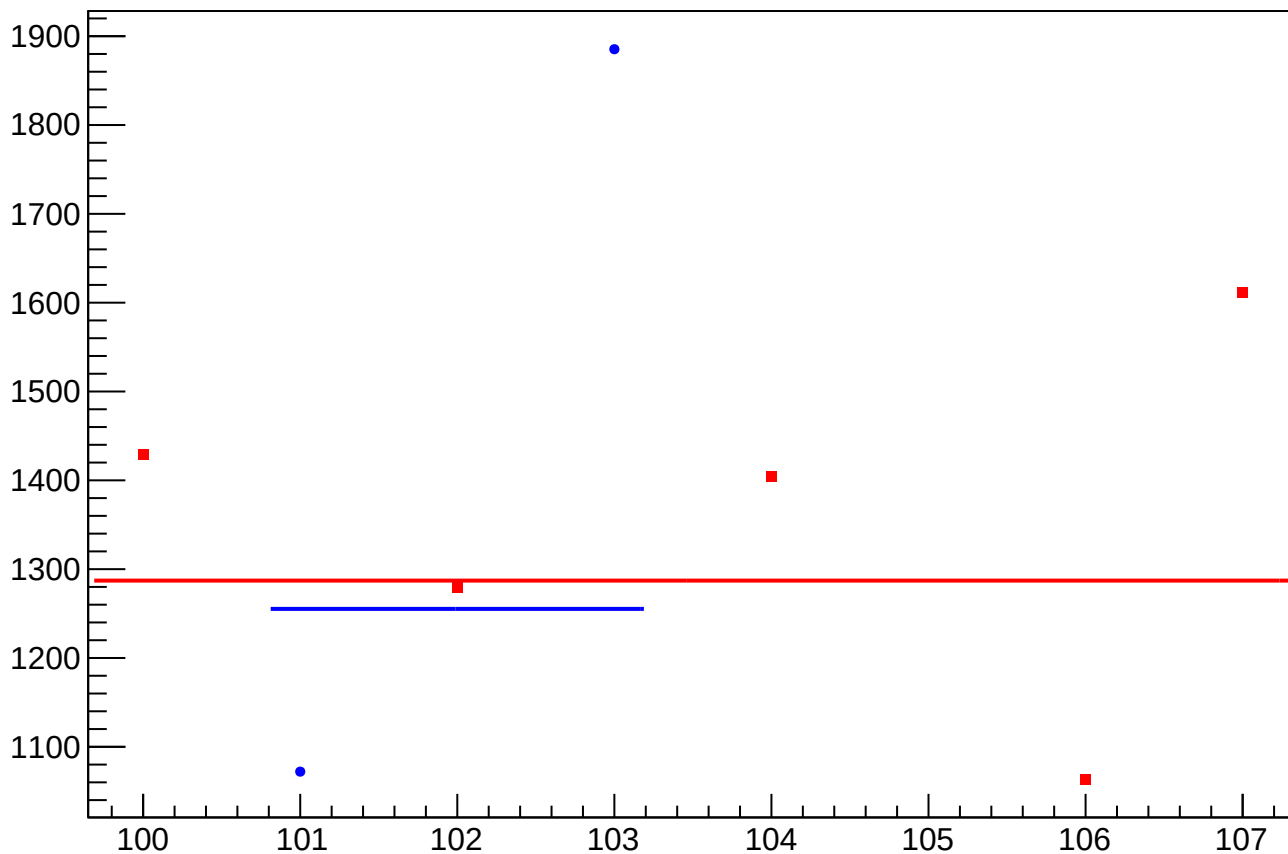
Right: 67.785+/-757.274 χ^2/NDF : 9.3/6

In: 1492.906+/-1164.957 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.785+/-757.274 χ^2/NDF : 9.3/6

asym_at1_dd_at2_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1255.278+/-0.824 χ^2/NDF : 170119.3/1

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

Right Out: 1287.123+/-0.705 χ^2/NDF : 54354.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

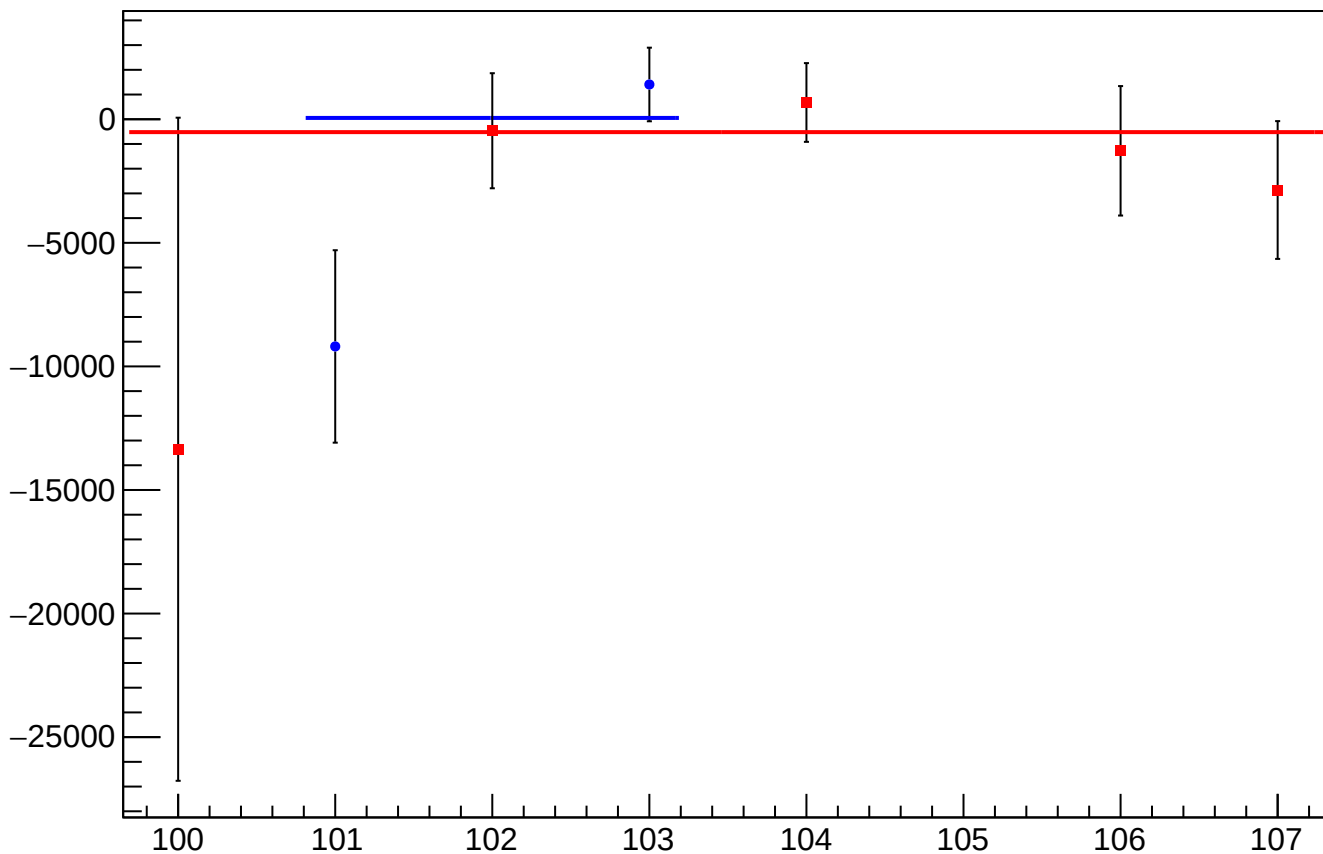
Right: 1273.667+/-0.535 χ^2/NDF : 225337.1/6

In: 1255.278+/-0.824 χ^2/NDF : 170119.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1273.667+/-0.535 χ^2/NDF : 225337.1/6

cor_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 53.772+/-1391.038 χ^2/NDF : 6.5/1

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

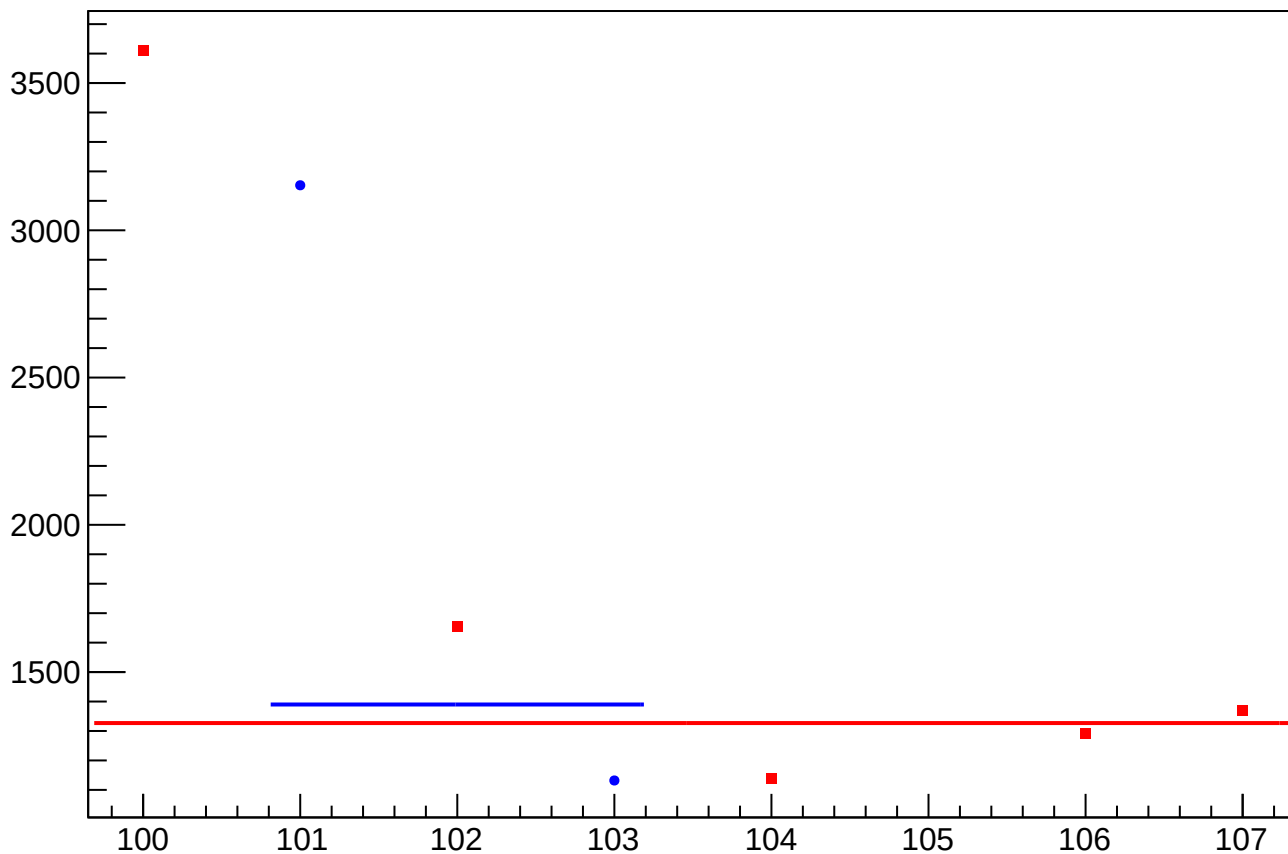
Right: -304.868+/-852.638 χ^2/NDF : 8.8/6

In: 53.772+/-1391.038 χ^2/NDF : 6.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -304.868+/-852.638 χ^2/NDF : 8.8/6

cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1389.930+/-0.984 χ^2/NDF : 470147.1/1

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

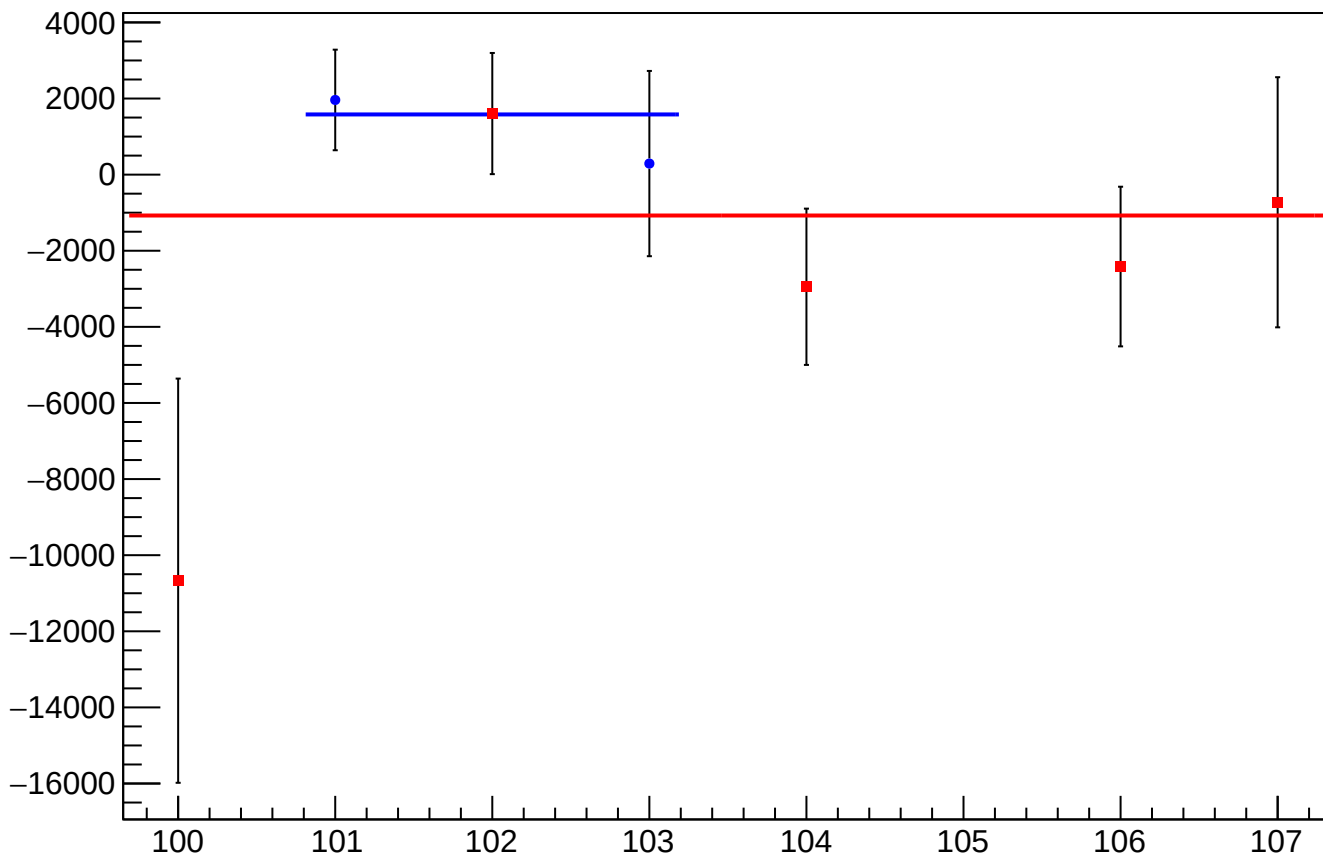
Right: 1350.591+/-0.603 χ^2/NDF : 598843.0/6

In: 1389.930+/-0.984 χ^2/NDF : 470147.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1350.591+/-0.603 χ^2/NDF : 598843.0/6

asym_at1_dd_at2_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 1581.860+/-1161.368 χ^2/NDF : 0.4/1

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

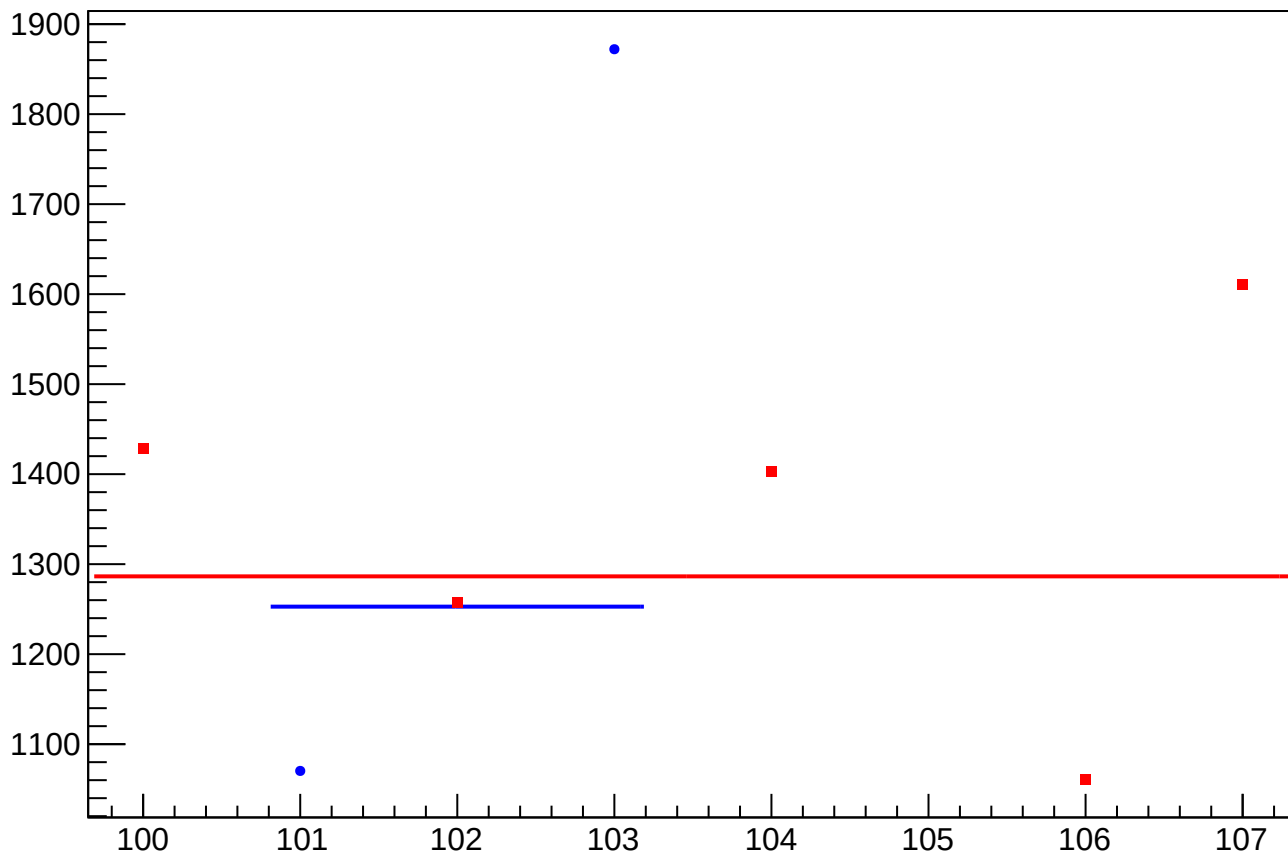
Right: 65.276+/-760.642 χ^2/NDF : 10.7/6

In: 1581.860+/-1161.368 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.276+/-760.642 χ^2/NDF : 10.7/6

asym_at1_dd_at2_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1252.801+/-0.821 χ^2 /NDF: 167617.5/1

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

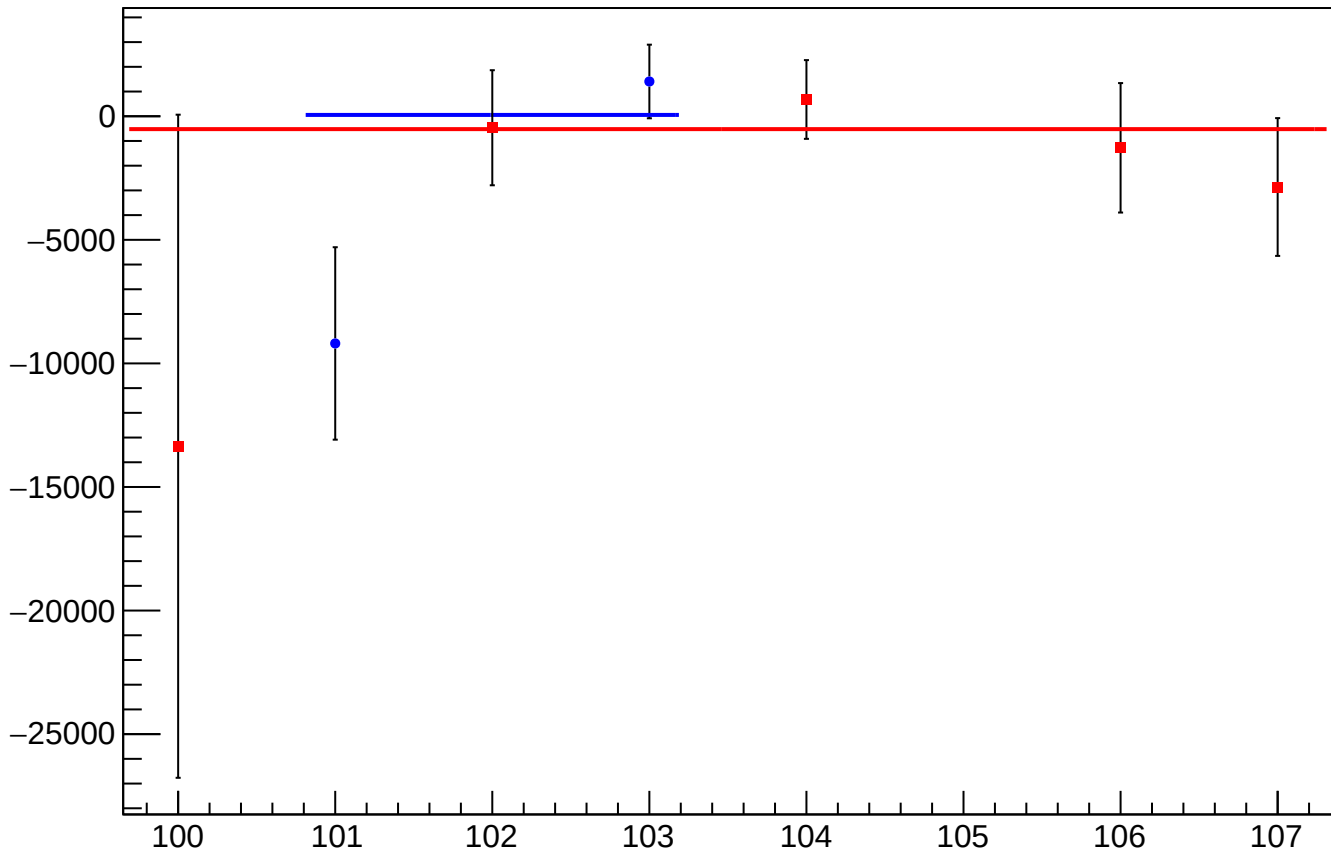
Right: 1272.010+/-0.538 χ^2 /NDF: 219812.2/6

In: 1252.801+/-0.821 χ^2 /NDF: 167617.5/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1272.010+/-0.538 χ^2 /NDF: 219812.2/6

eigen_cor_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 53.772+/-1391.038 χ^2/NDF : 6.5/1

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

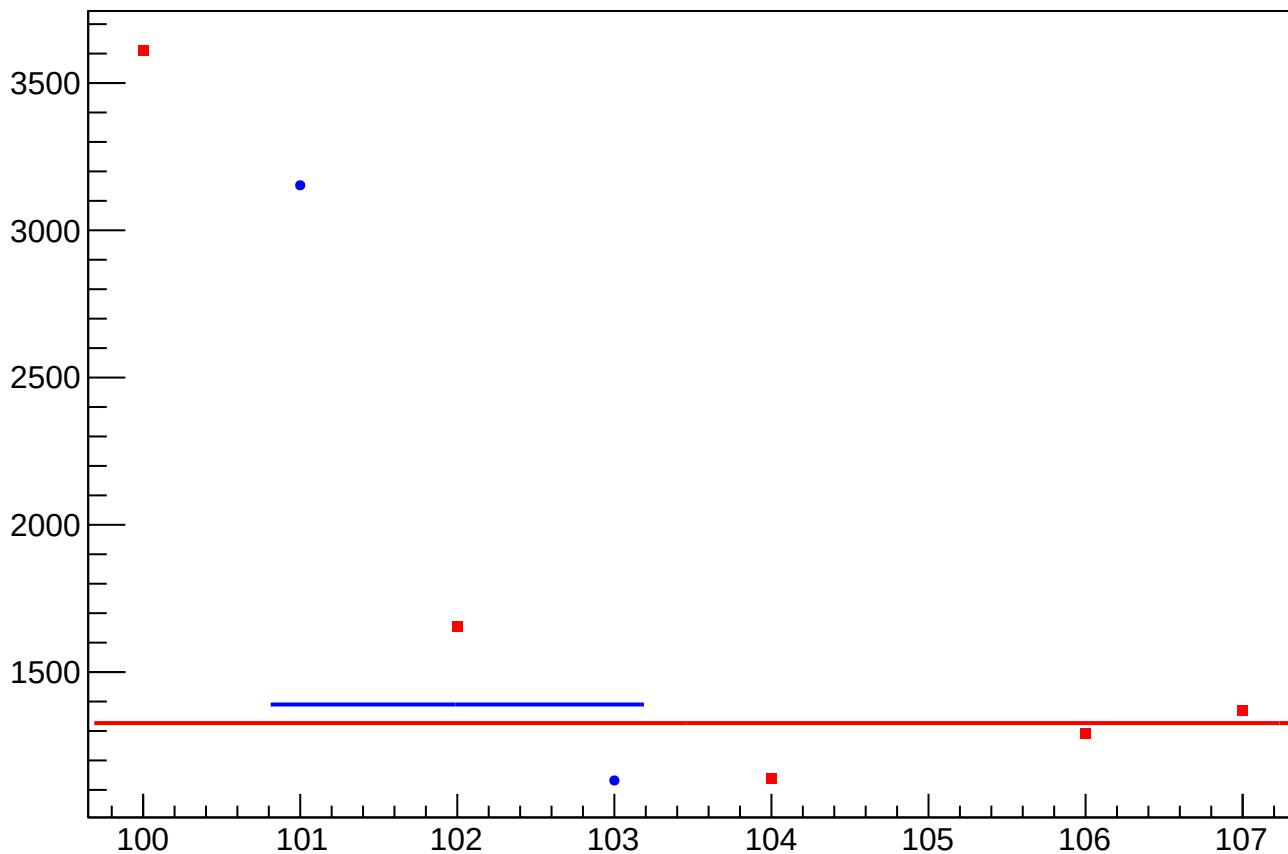
Right: -304.868+/-852.638 χ^2/NDF : 8.8/6

In: 53.772+/-1391.038 χ^2/NDF : 6.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -304.868+/-852.638 χ^2/NDF : 8.8/6

eigen_cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1389.930+/-0.984 χ^2/NDF : 470147.1/1

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

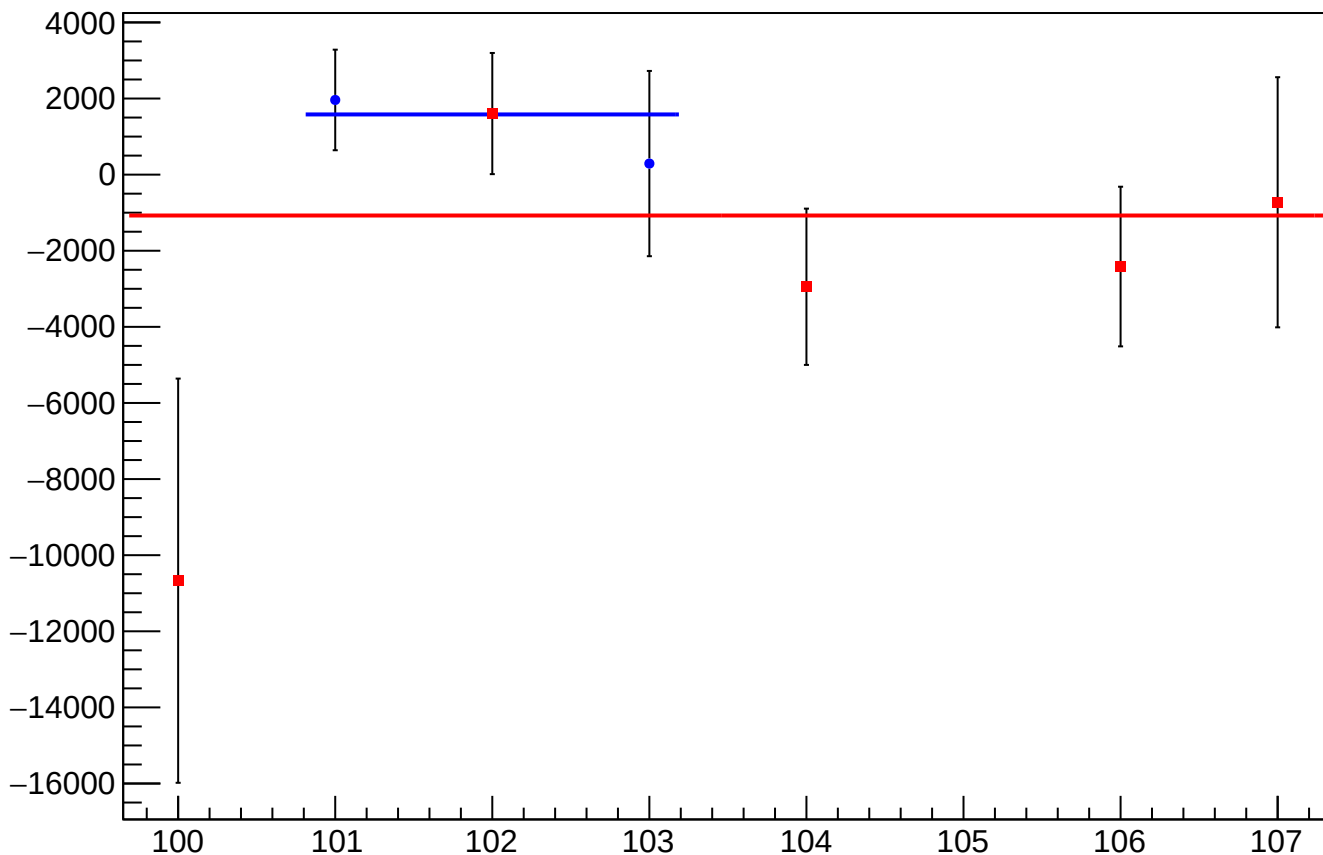
Right: 1350.591+/-0.603 χ^2/NDF : 598843.0/6

In: 1389.930+/-0.984 χ^2/NDF : 470147.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1350.591+/-0.603 χ^2/NDF : 598843.0/6

asym_at1_dd_at2_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1581.860+/-1161.368 χ^2/NDF : 0.4/1

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

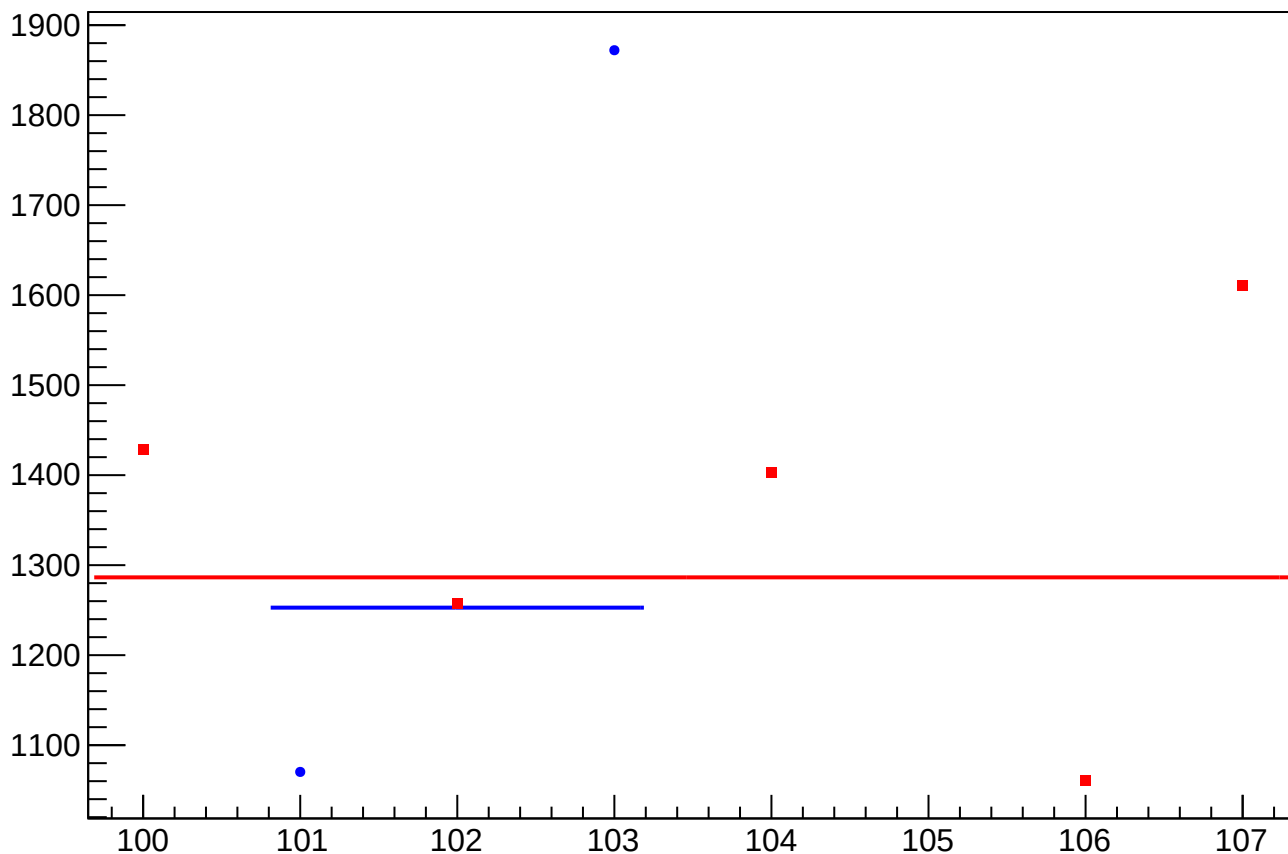
Right: 65.276+/-760.642 χ^2/NDF : 10.7/6

In: 1581.860+/-1161.368 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.276+/-760.642 χ^2/NDF : 10.7/6

asym_at1_dd_at2_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1252.801+/-0.821 χ^2/NDF : 167617.5/1

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

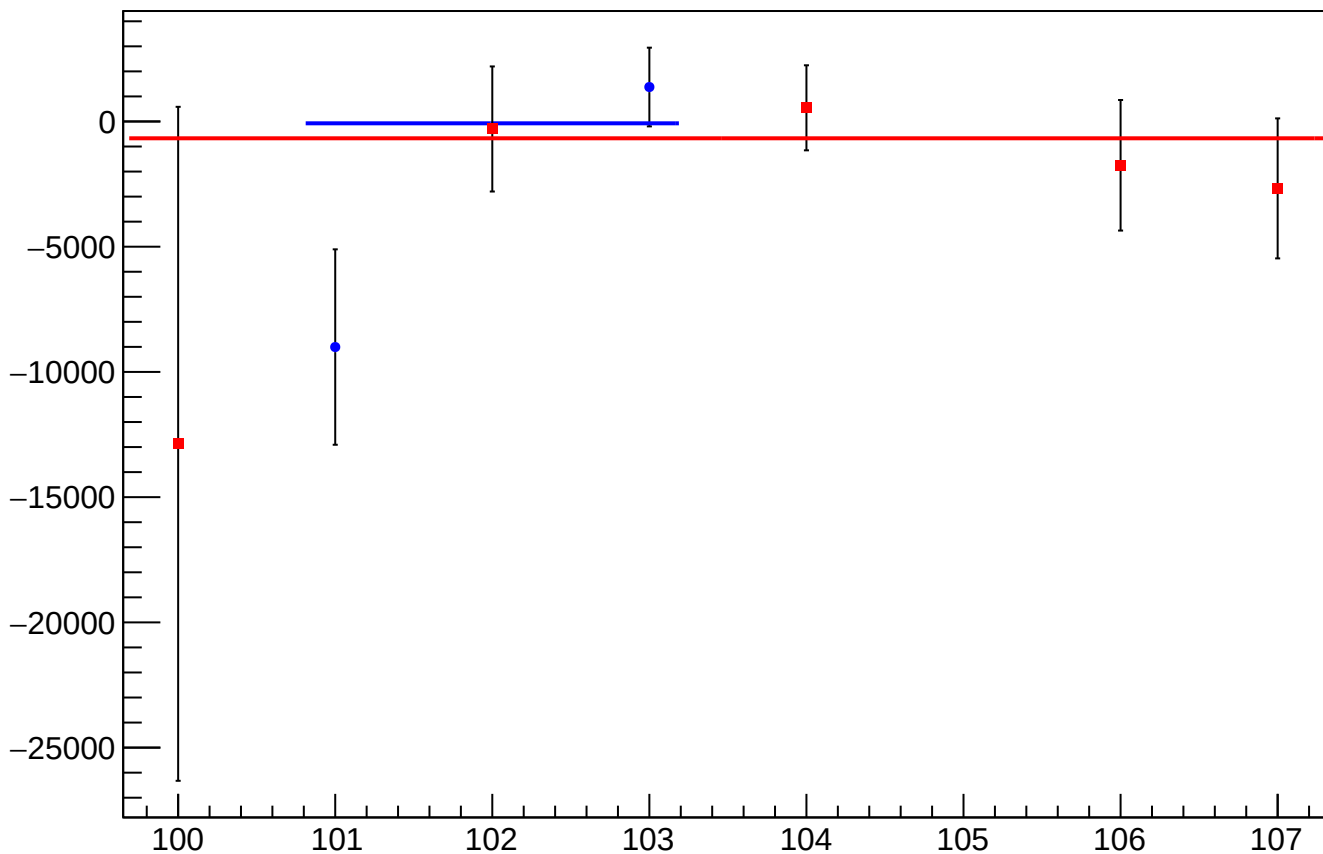
Right: 1272.010+/-0.538 χ^2/NDF : 219812.2/6

In: 1252.801+/-0.821 χ^2/NDF : 167617.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1272.010+/-0.538 χ^2/NDF : 219812.2/6

dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: -73.610+/-1457.490 χ^2 /NDF: 6.1/1

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

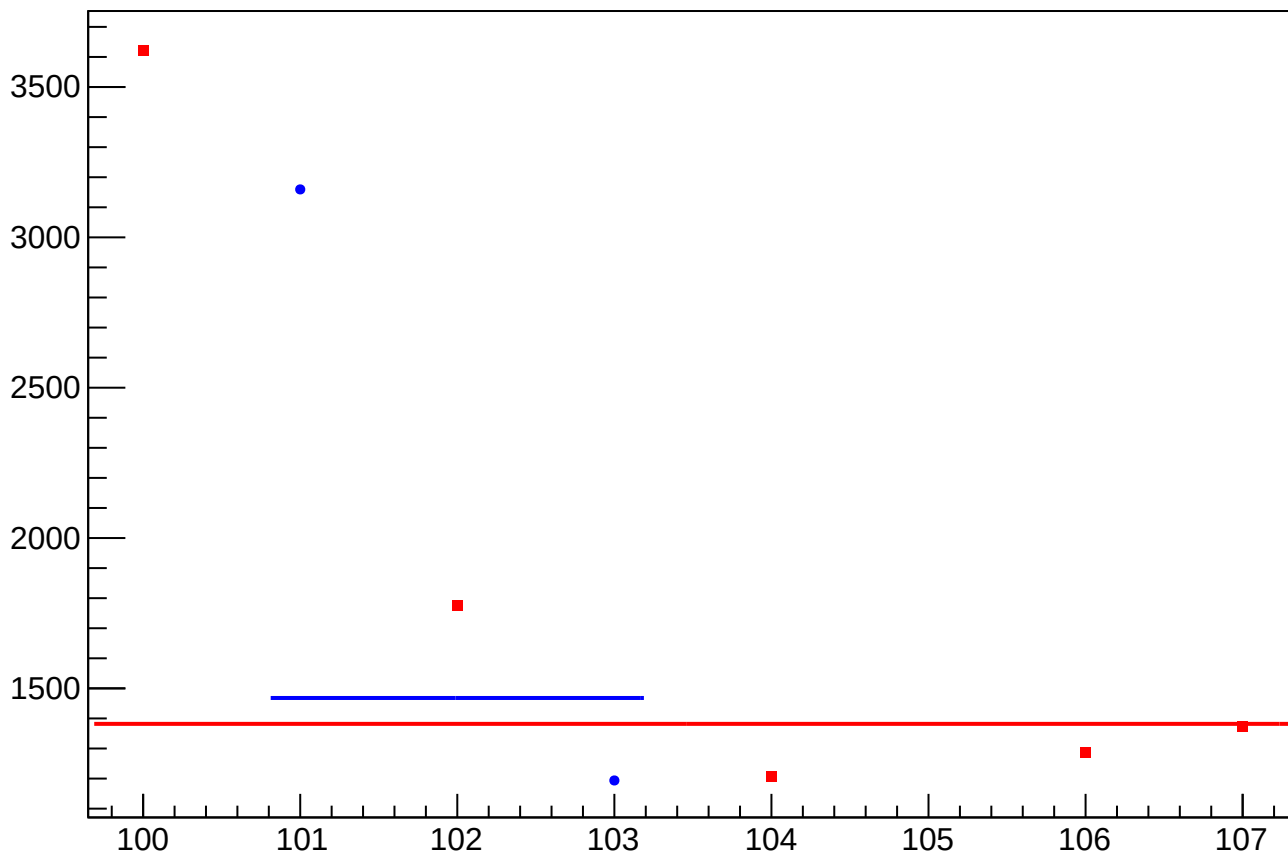
Right: -448.109+/-891.349 χ^2 /NDF: 8.2/6

In: -73.610+/-1457.490 χ^2 /NDF:6.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -448.109+/-891.349 χ^2 /NDF: 8.2/6

dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1468.068+/-1.031 χ^2/NDF : 436902.2/1

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

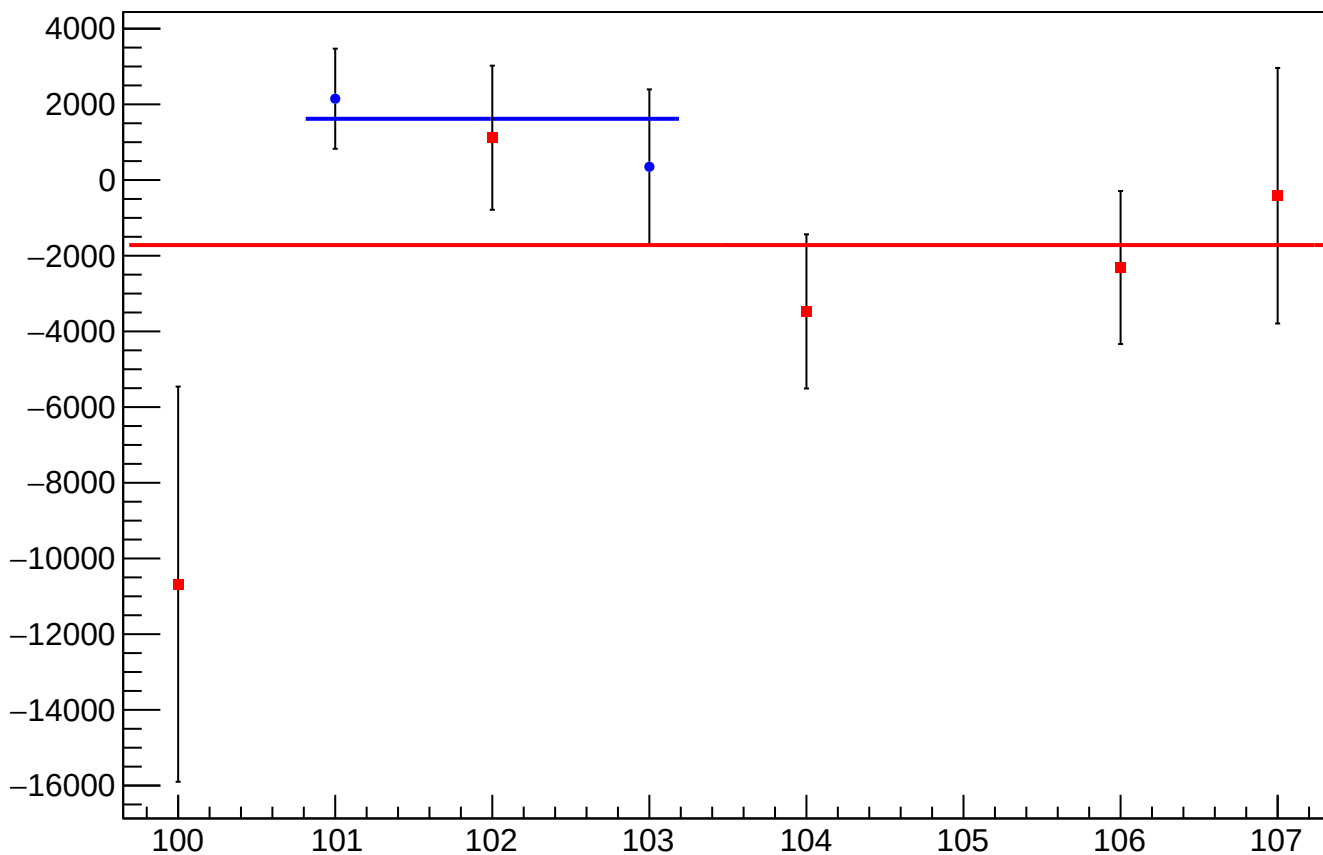
Right: 1414.164+/-0.630 χ^2/NDF : 570272.2/6

In: 1468.068+/-1.031 χ^2/NDF : 436902.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1414.164+/-0.630 χ^2/NDF : 570272.2/6

asym_at1_dd_at2_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 1618.392 $\pm$ 1110.622 χ^2 /NDF: 0.5/1

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

Right Out: -1718.487 $\pm$ 1062.448 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

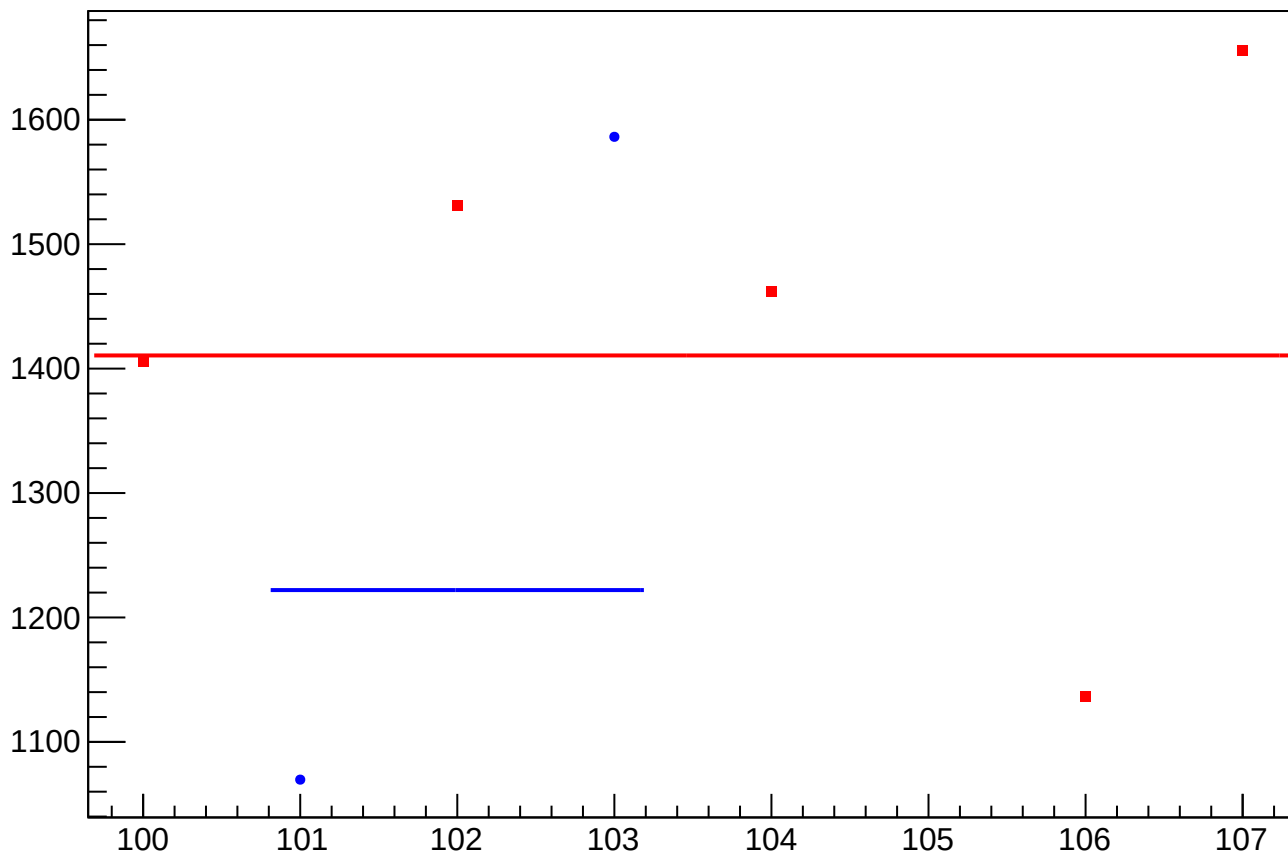
Right: -123.986 $\pm$ 767.730 χ^2 /NDF: 11.4/6

In: 1618.392 $\pm$ 1110.622 χ^2 /NDF: 0.5/1

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

All: -123.986 $\pm$ 767.730 χ^2 /NDF: 11.4/6

asym_at1_dd_at2_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1222.018+/-0.785 χ^2/NDF : 89975.1/1

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

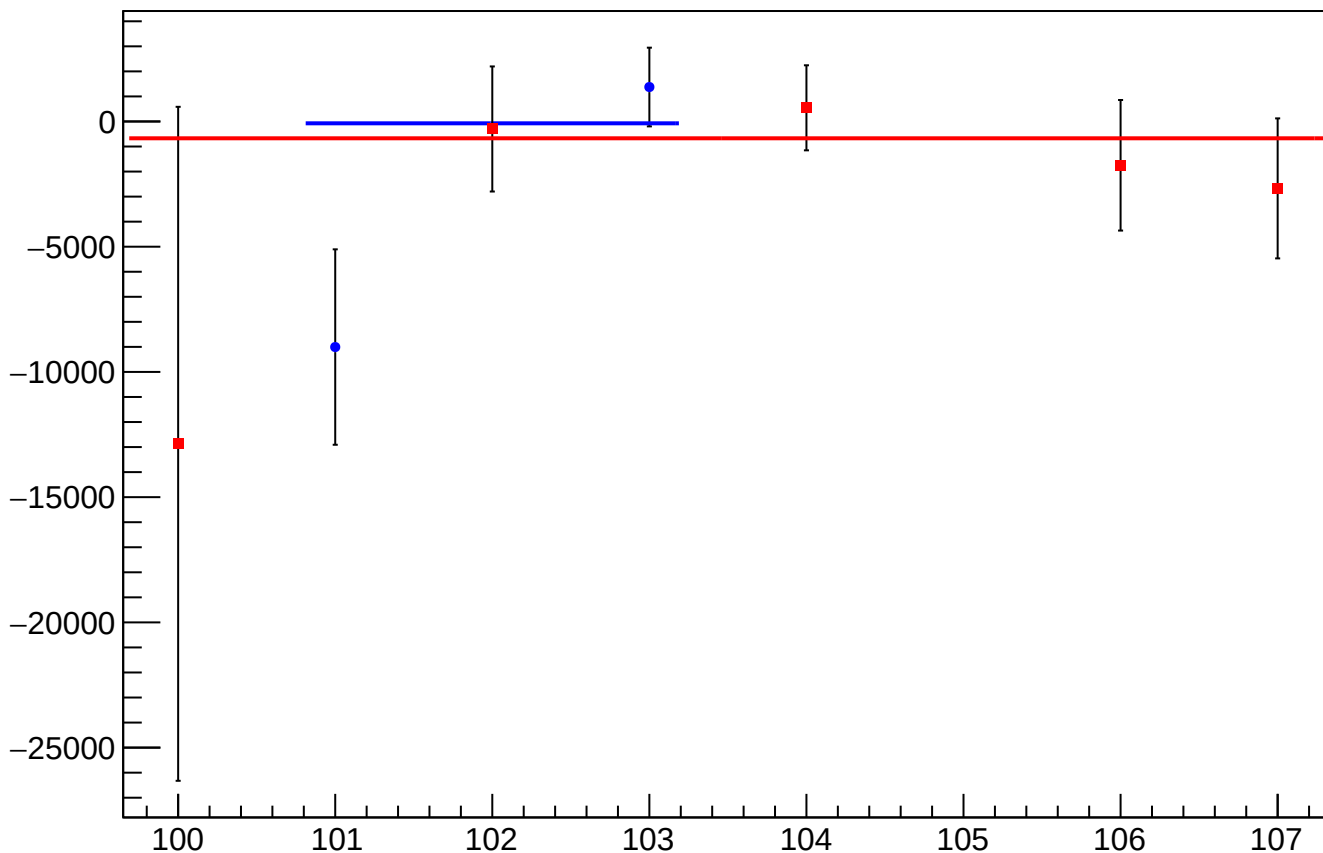
Right: 1320.473+/-0.543 χ^2/NDF : 176661.4/6

In: 1222.018+/-0.785 χ^2/NDF : 89975.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1320.473+/-0.543 χ^2/NDF : 176661.4/6

eigen_dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: -73.616 $\pm$ 1457.489 χ^2 /NDF: 6.1/1

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

Right Out: -671.862 $\pm$ 1126.587 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

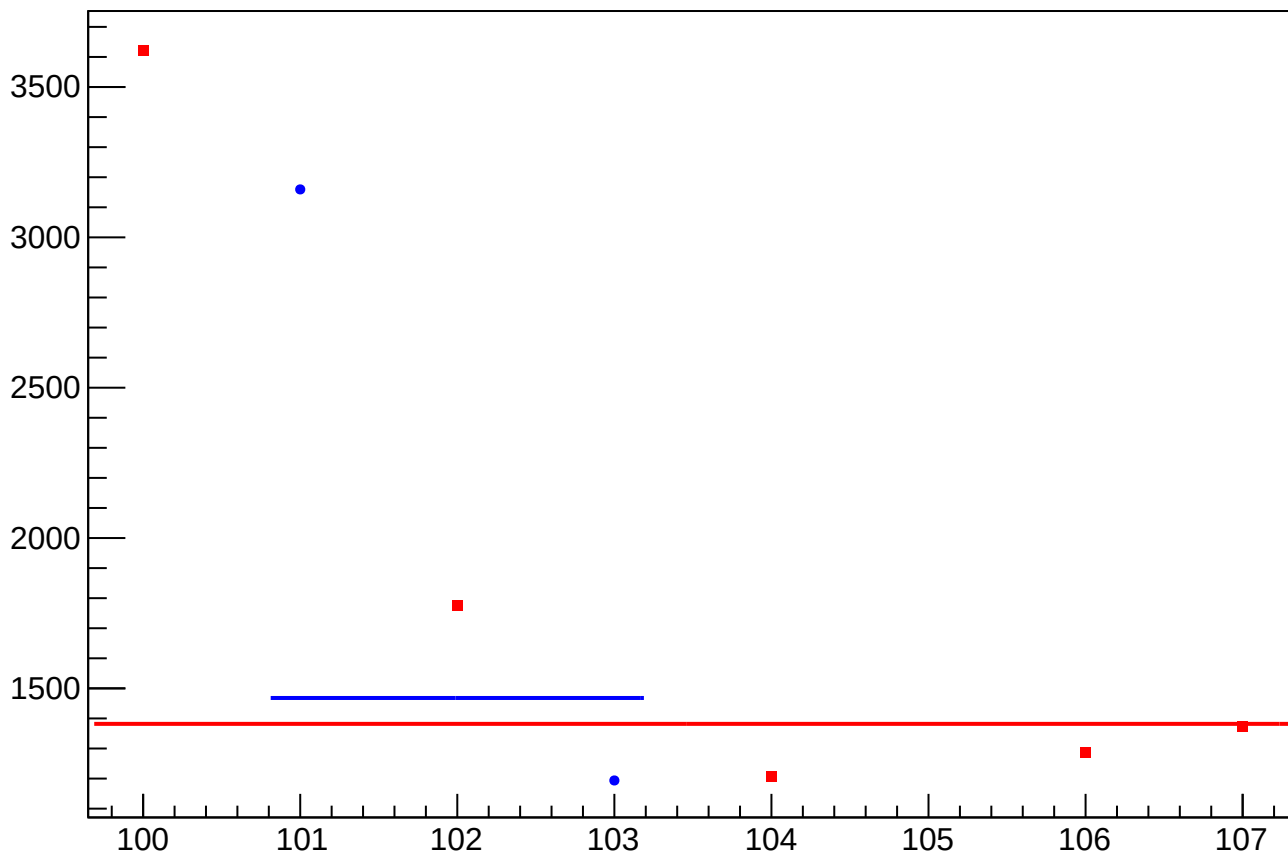
Right: -448.111 $\pm$ 891.349 χ^2 /NDF: 8.2/6

In: -73.616 $\pm$ 1457.489 χ^2 /NDF:6.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -448.111 $\pm$ 891.349 χ^2 /NDF: 8.2/6

eigen_dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1468.067+/-1.031 χ^2/NDF : 436902.7/1

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

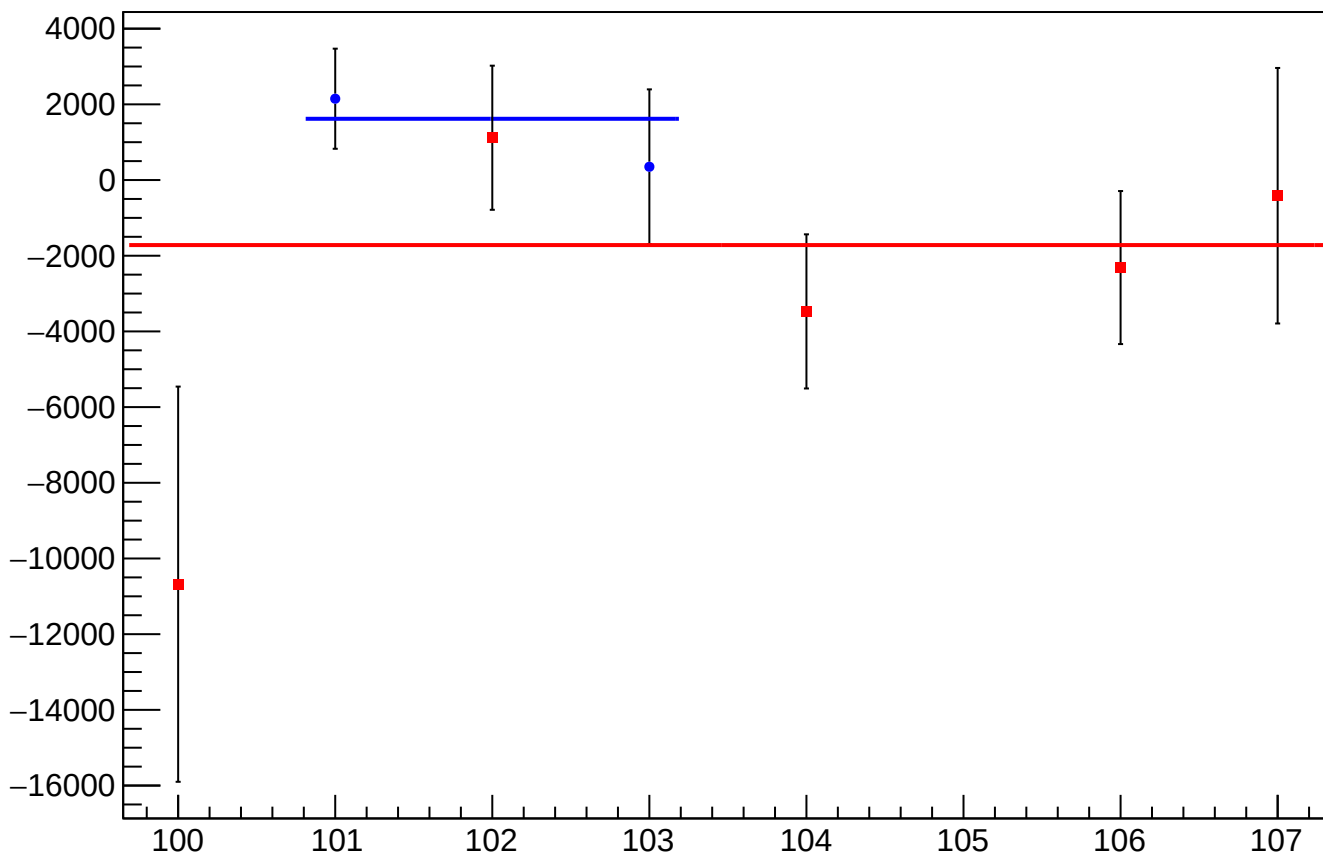
Right: 1414.163+/-0.630 χ^2/NDF : 570272.7/6

In: 1468.067+/-1.031 χ^2/NDF : 436902.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1414.163+/-0.630 χ^2/NDF : 570272.7/6

asym_at1_dd_at2_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1618.386+/-1110.617 χ^2/NDF : 0.5/1

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

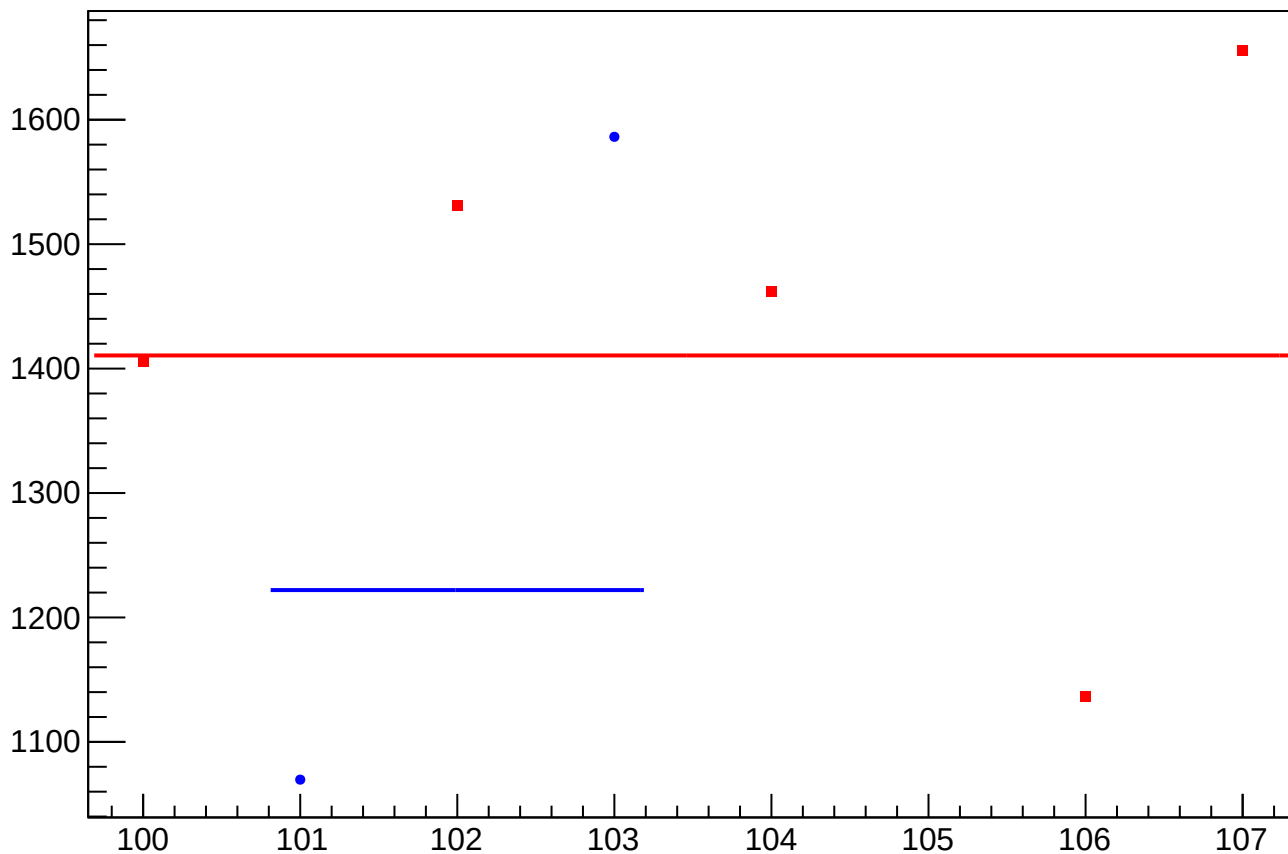
Right: -123.984+/-767.728 χ^2/NDF : 11.4/6

In: 1618.386+/-1110.617 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -123.984+/-767.728 χ^2/NDF : 11.4/6

asym_at1_dd_at2_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1222.011+/-0.785 χ^2/NDF : 89979.5/1

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

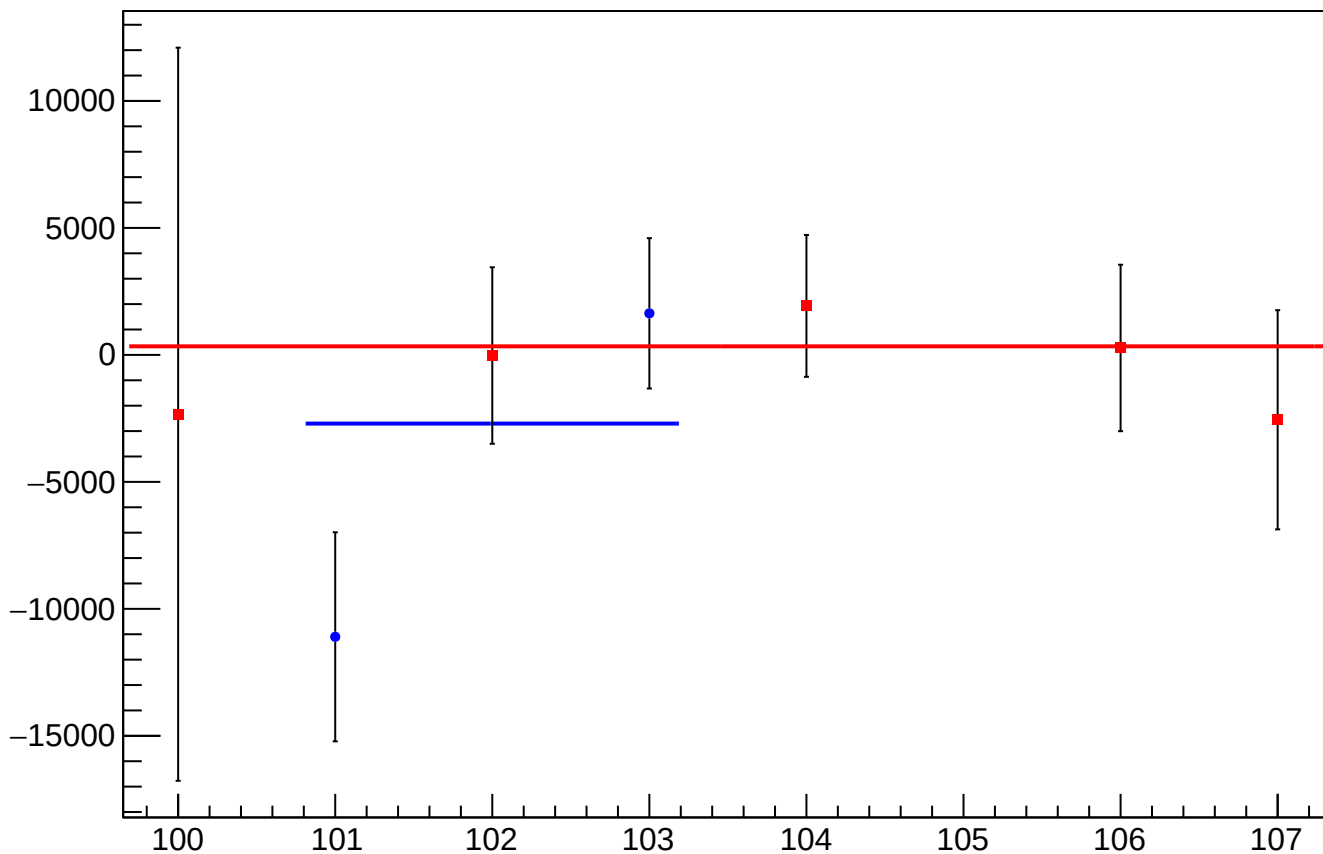
Right: 1320.469+/-0.543 χ^2/NDF : 176670.7/6

In: 1222.011+/-0.785 χ^2/NDF : 89979.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1320.469+/-0.543 χ^2/NDF : 176670.7/6

asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: -2704.555+/-2403.097 χ^2/NDF : 6.3/1

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

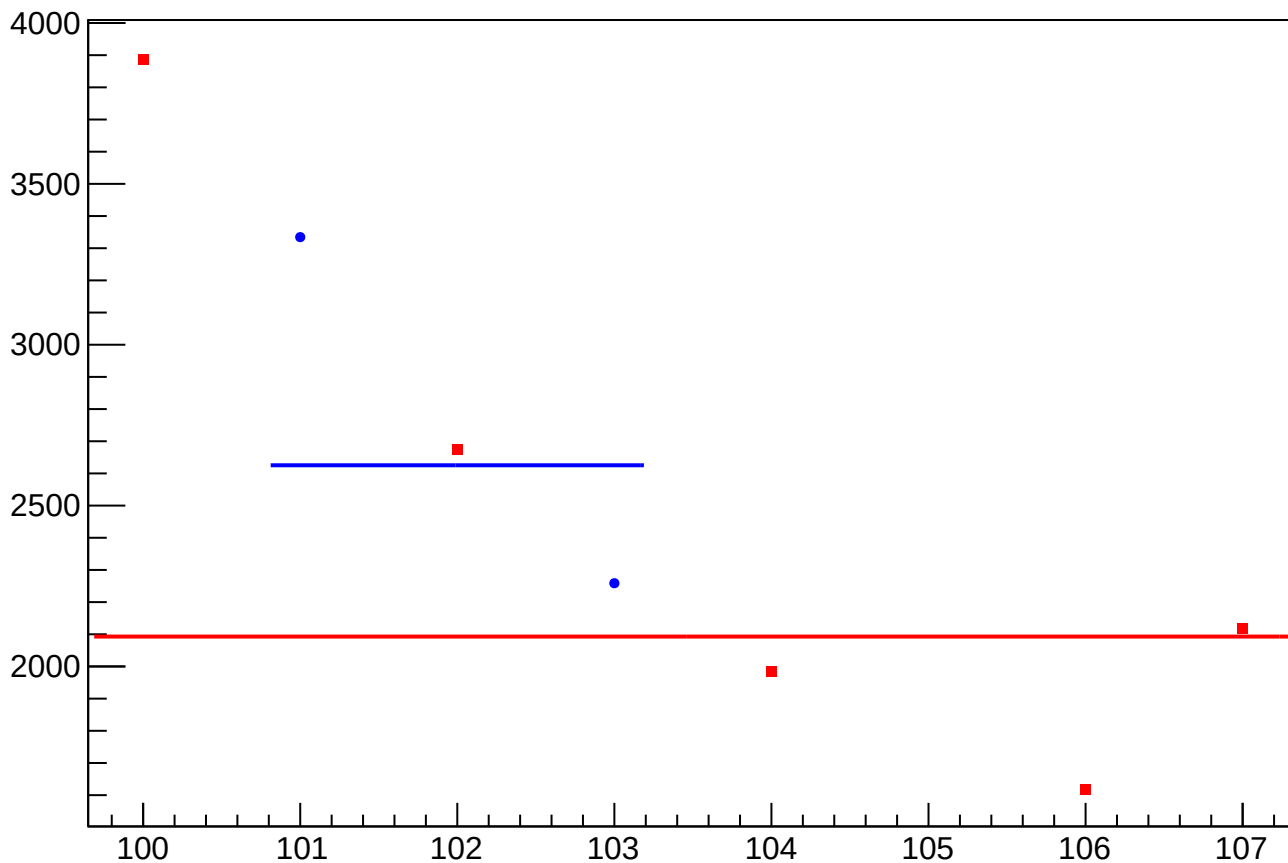
Right: -645.659+/-1366.215 χ^2/NDF : 8.2/6

In: -2704.555+/-2403.097 χ^2/NDF : 6.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -645.659+/-1366.215 χ^2/NDF : 8.2/6

asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 2625.327+/-1.699 χ^2/NDF : 90043.1/1

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

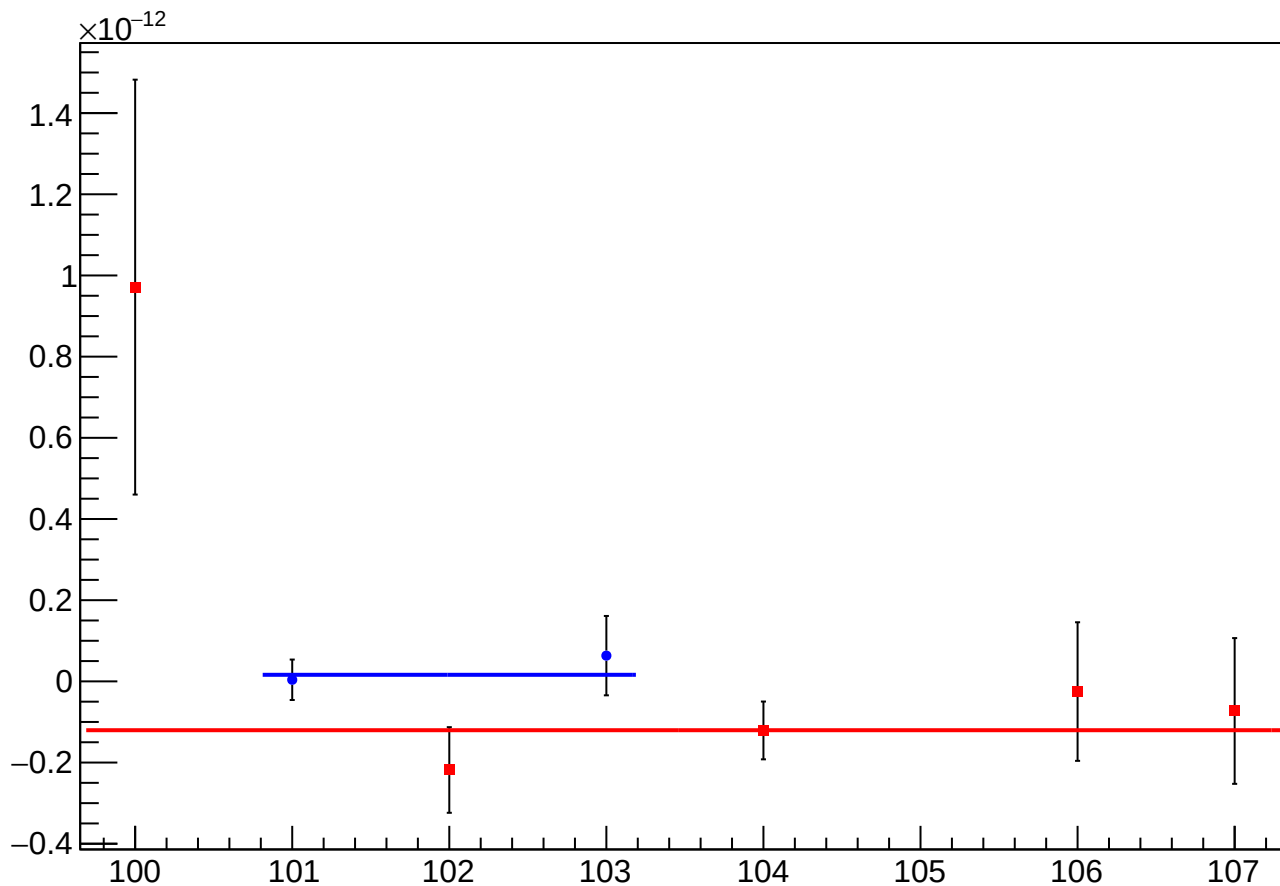
Right: 2264.984+/-0.966 χ^2/NDF : 288245.6/6

In: 2625.327+/-1.699 χ^2/NDF : 90043.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2264.984+/-0.966 χ^2/NDF : 288245.6/6

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.3/1

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

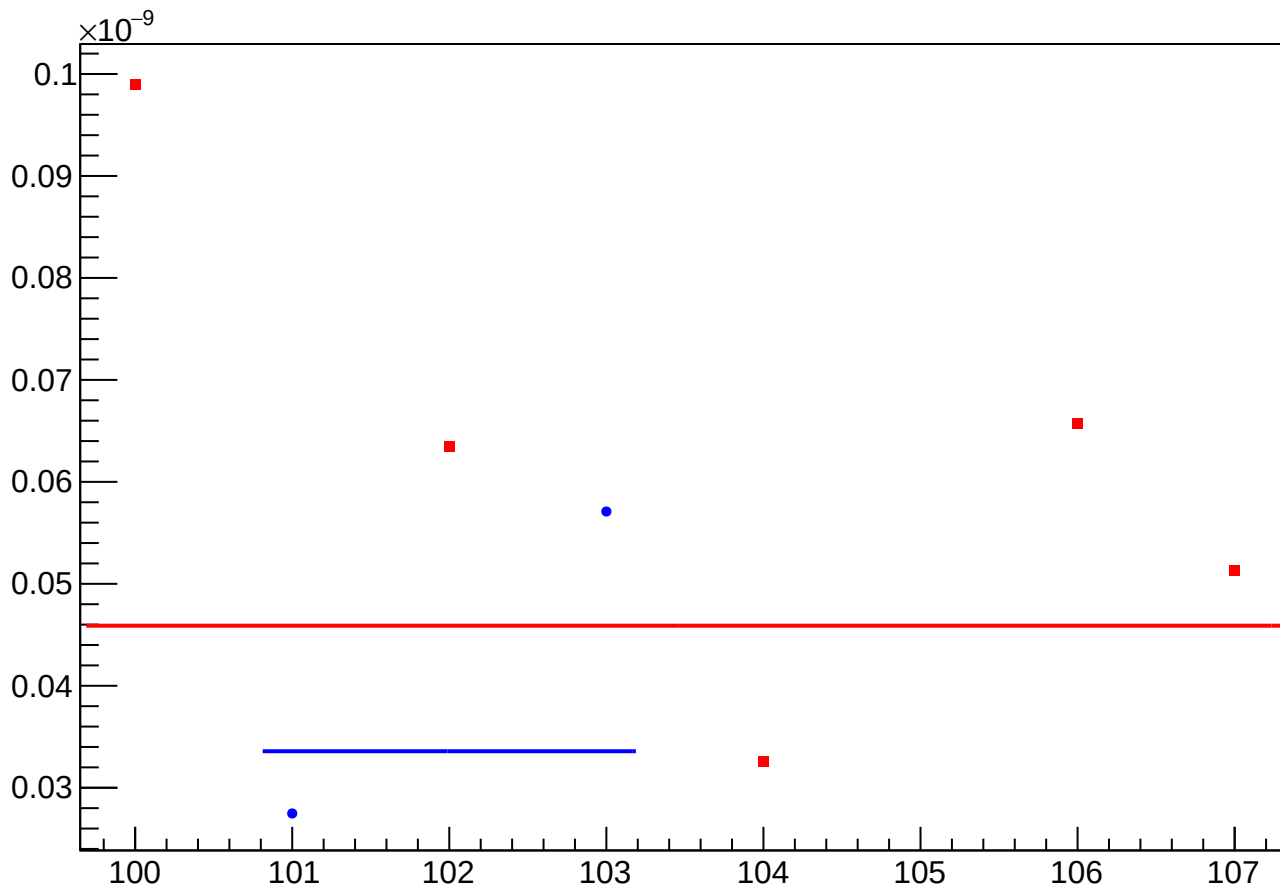
Right: -0.000+/-0.000 χ^2/NDF : 10.0/6

In: 0.000+/-0.000 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.0/6

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 145653.7/1

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

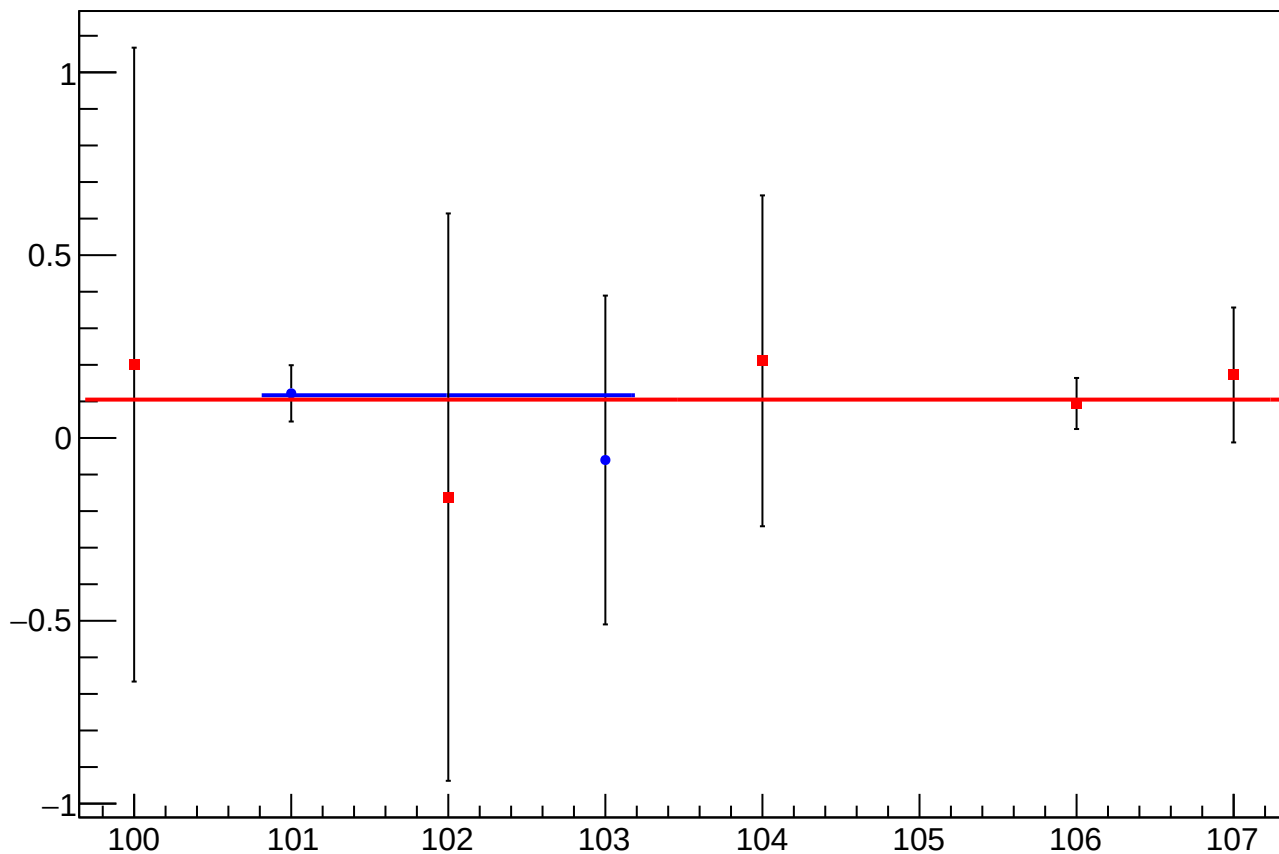
Right: 0.000+/-0.000 χ^2/NDF : 384792.8/6

In: 0.000+/-0.000 χ^2/NDF : 145653.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 384792.8/6

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.117 $\pm$ 0.076 χ^2 /NDF: 0.2/1

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

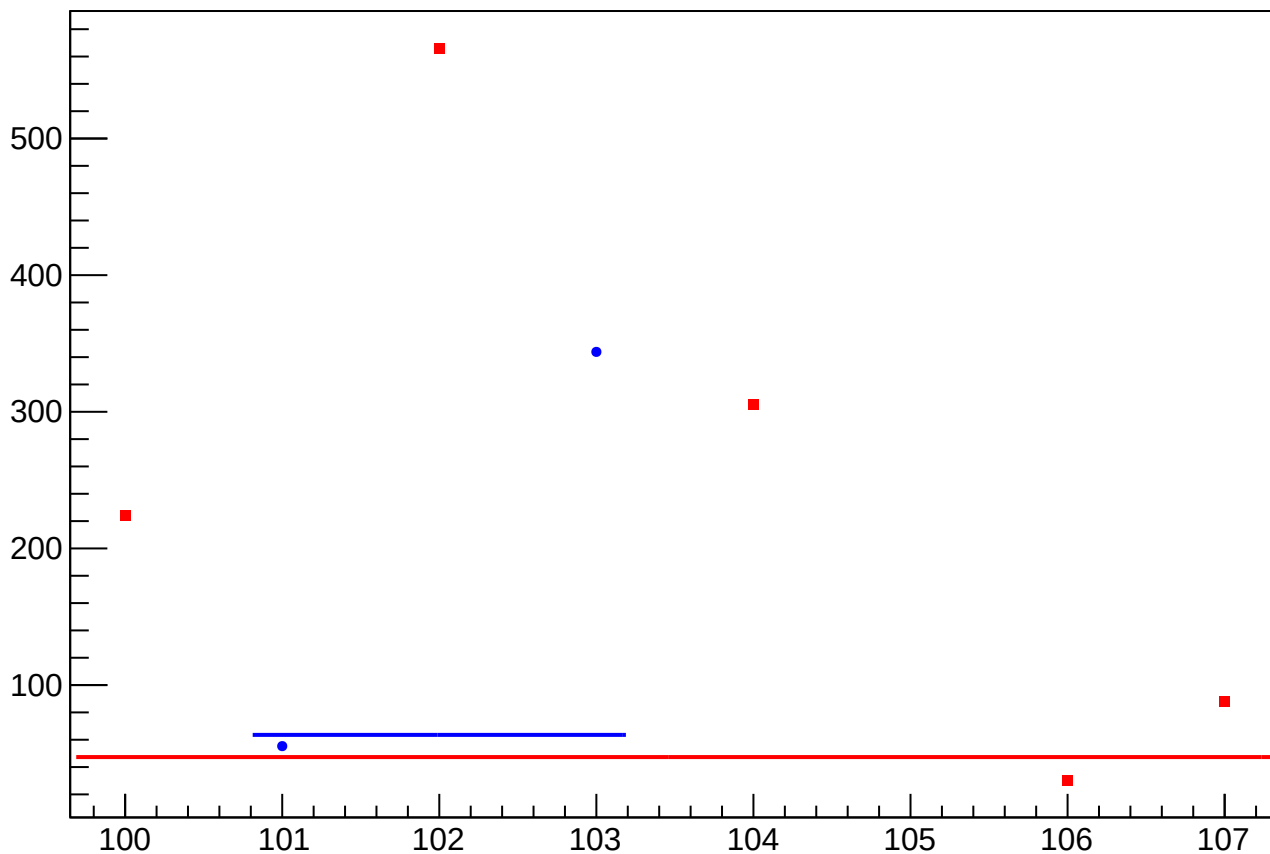
Right: 0.110 $\pm$ 0.049 χ^2 /NDF: 0.5/6

In: 0.117 $\pm$ 0.076 χ^2 /NDF: 0.2/1

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

All: 0.110 $\pm$ 0.049 χ^2 /NDF: 0.5/6

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.547+/-0.054 χ^2/NDF : 799974.9/1

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

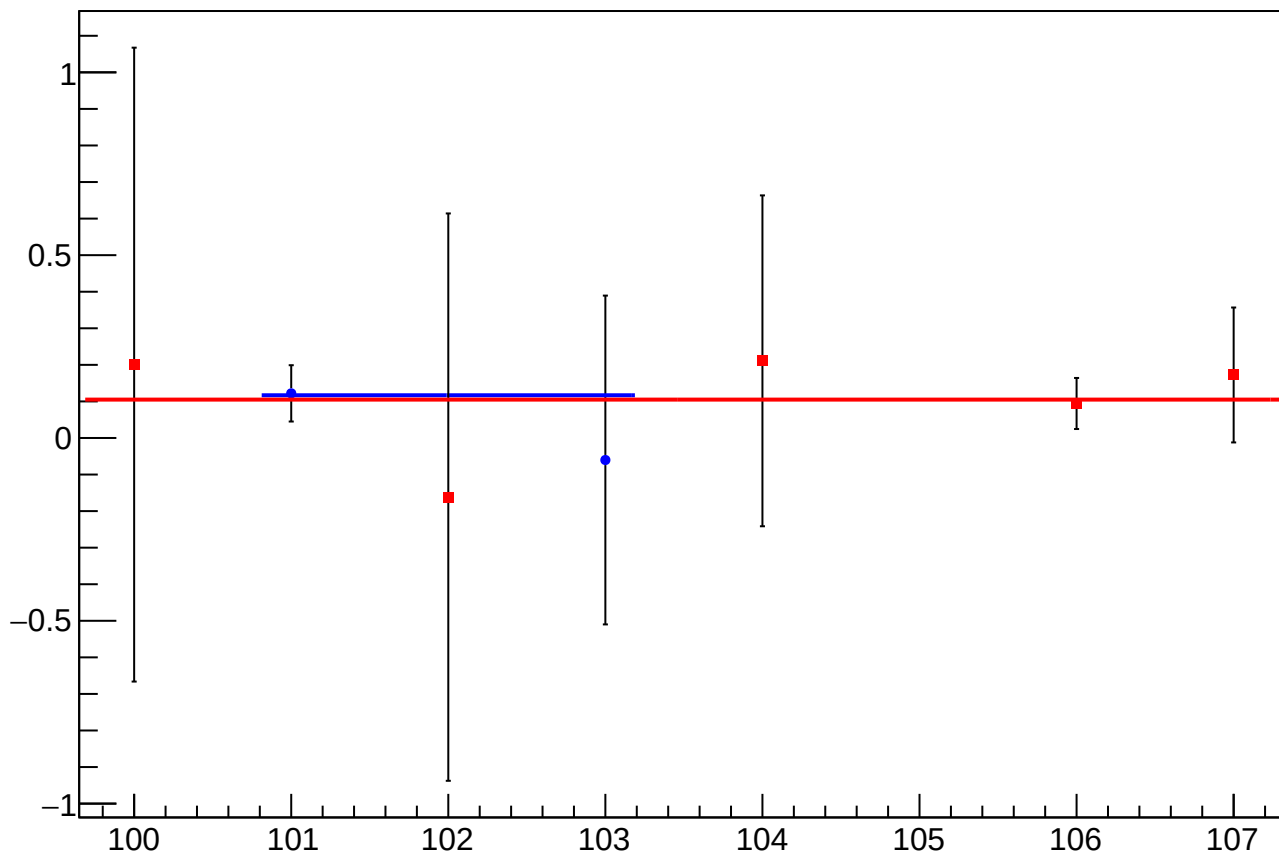
Right: 54.088+/-0.035 χ^2/NDF : 2702492.1/6

In: 63.547+/-0.054 χ^2/NDF : 799974.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.088+/-0.035 χ^2/NDF : 2702492.1/6

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.117 $\pm$ 0.076 χ^2 /NDF: 0.2/1

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

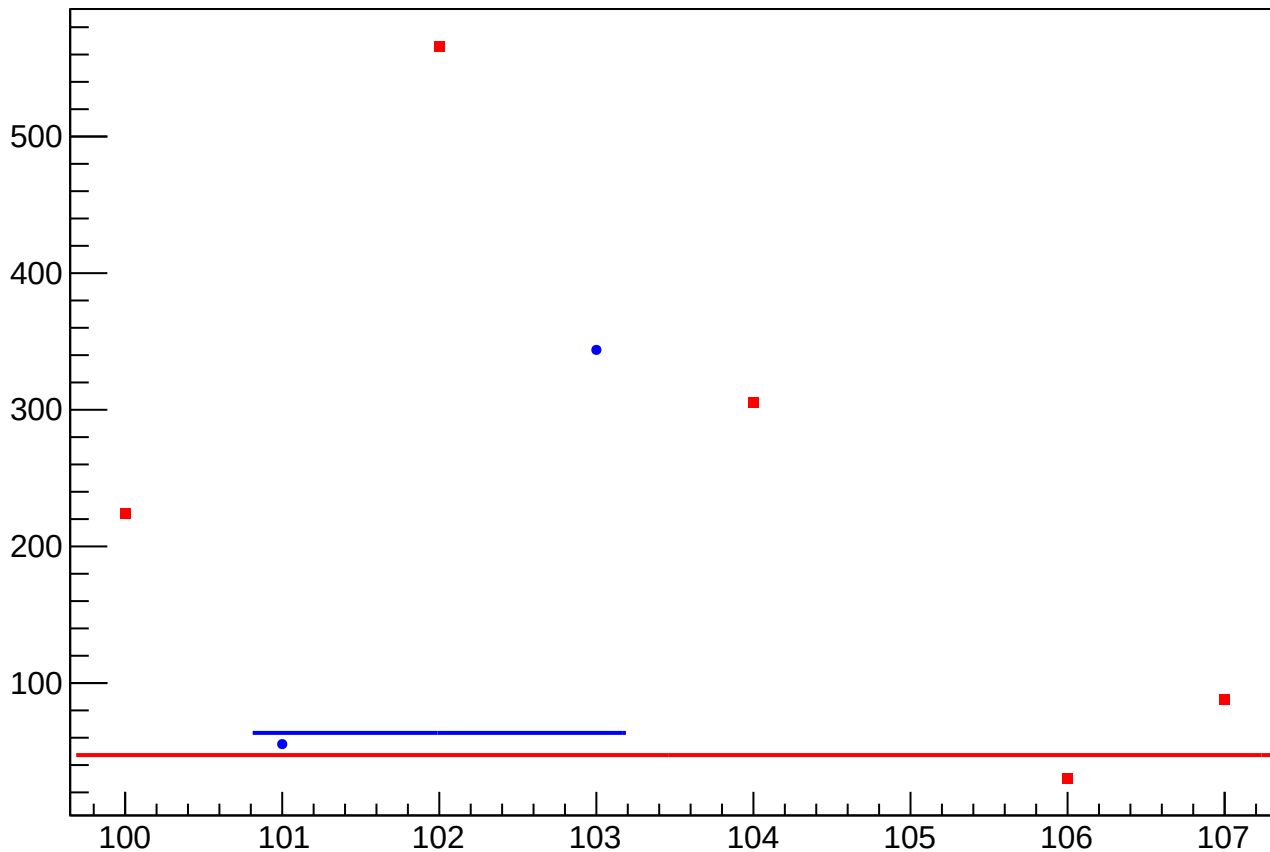
Right: 0.110 $\pm$ 0.049 χ^2 /NDF: 0.5/6

In: 0.117 $\pm$ 0.076 χ^2 /NDF:0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.110 $\pm$ 0.049 χ^2 /NDF: 0.5/6

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.547+/-0.054 χ^2/NDF : 799974.9/1

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

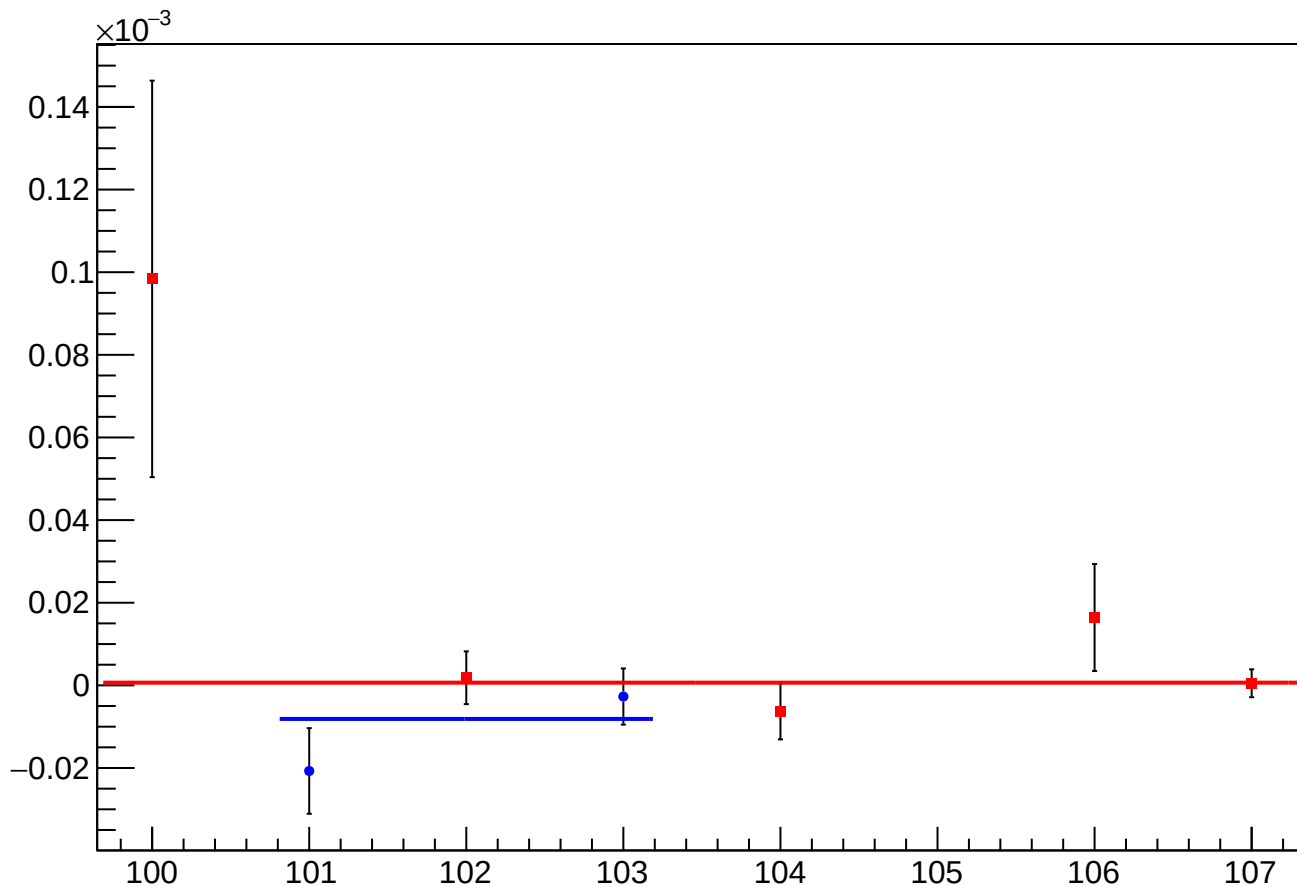
Right: 54.088+/-0.035 χ^2/NDF : 2702492.1/6

In: 63.547+/-0.054 χ^2/NDF : 799974.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.088+/-0.035 χ^2/NDF : 2702492.1/6

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 : 2.1/1

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

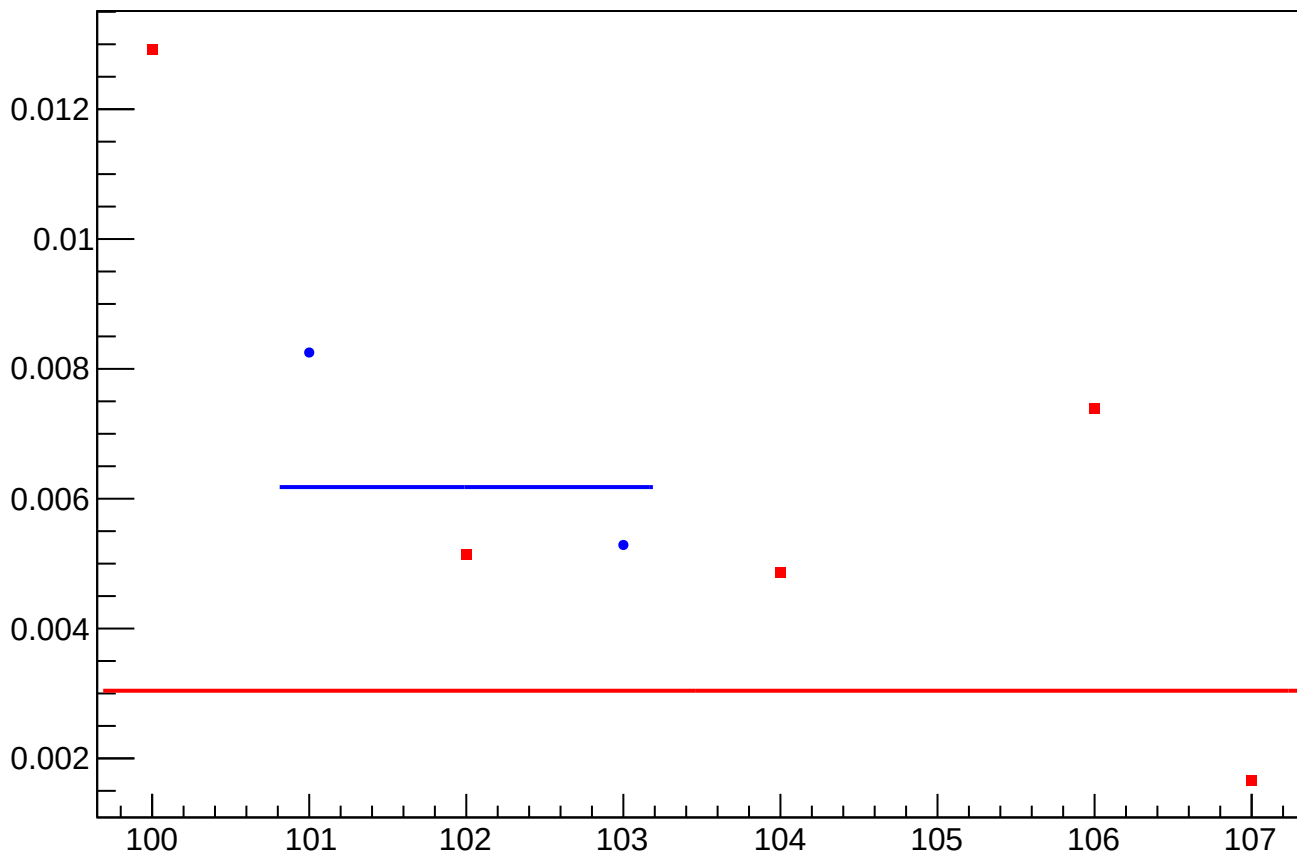
Right: -0.000+/-0.000 χ^2/NDF : 10.8/6

In: -0.000+/-0.000 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.8/6

asym_at1_dd_at2_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 114384.1/1

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

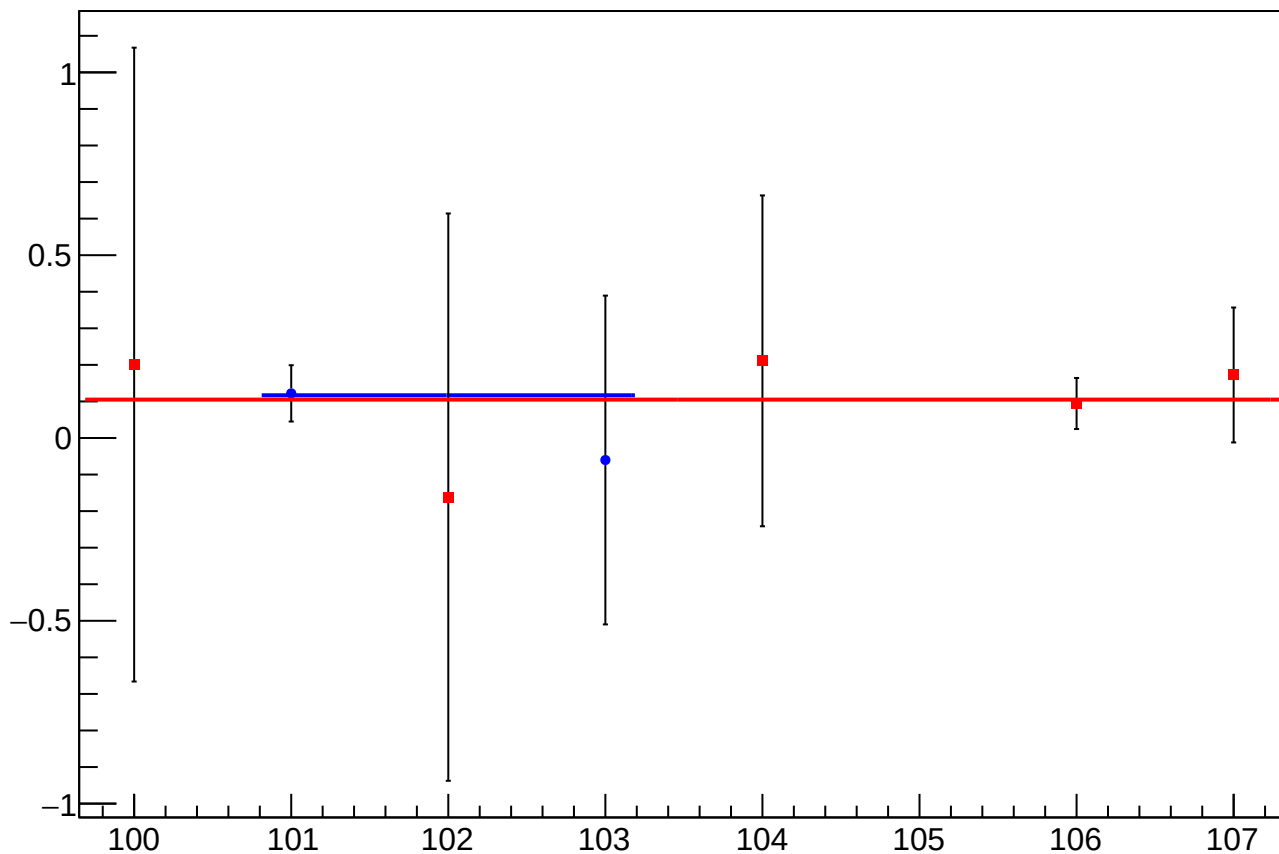
Right: 0.004+/-0.000 χ^2/NDF : 1620286.0/6

In: 0.006+/-0.000 χ^2/NDF : 114384.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 1620286.0/6

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.117 $\pm$ 0.076 χ^2 /NDF: 0.2/1

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

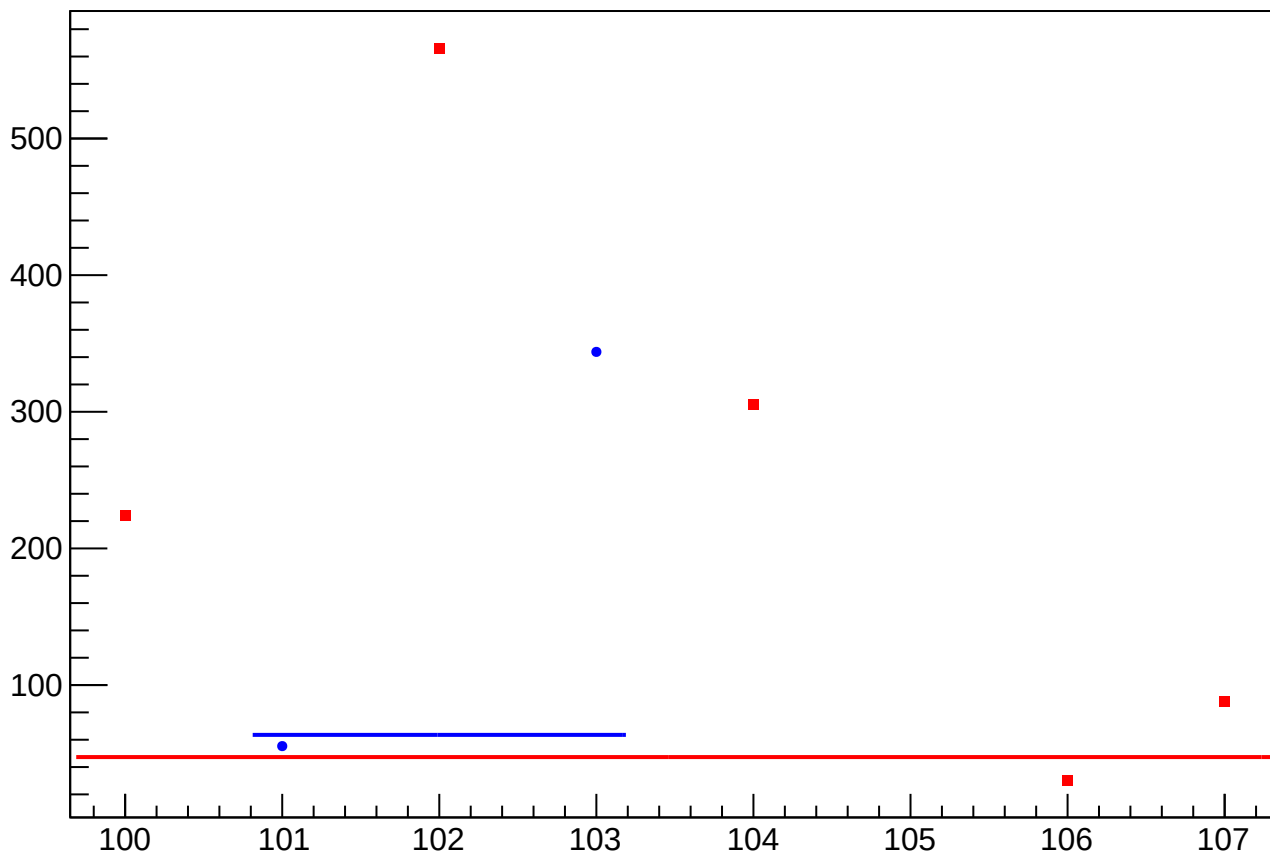
Right: 0.110 $\pm$ 0.049 χ^2 /NDF: 0.5/6

In: 0.117 $\pm$ 0.076 χ^2 /NDF:0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.110 $\pm$ 0.049 χ^2 /NDF: 0.5/6

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.552+/-0.054 χ^2/NDF : 799946.8/1

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

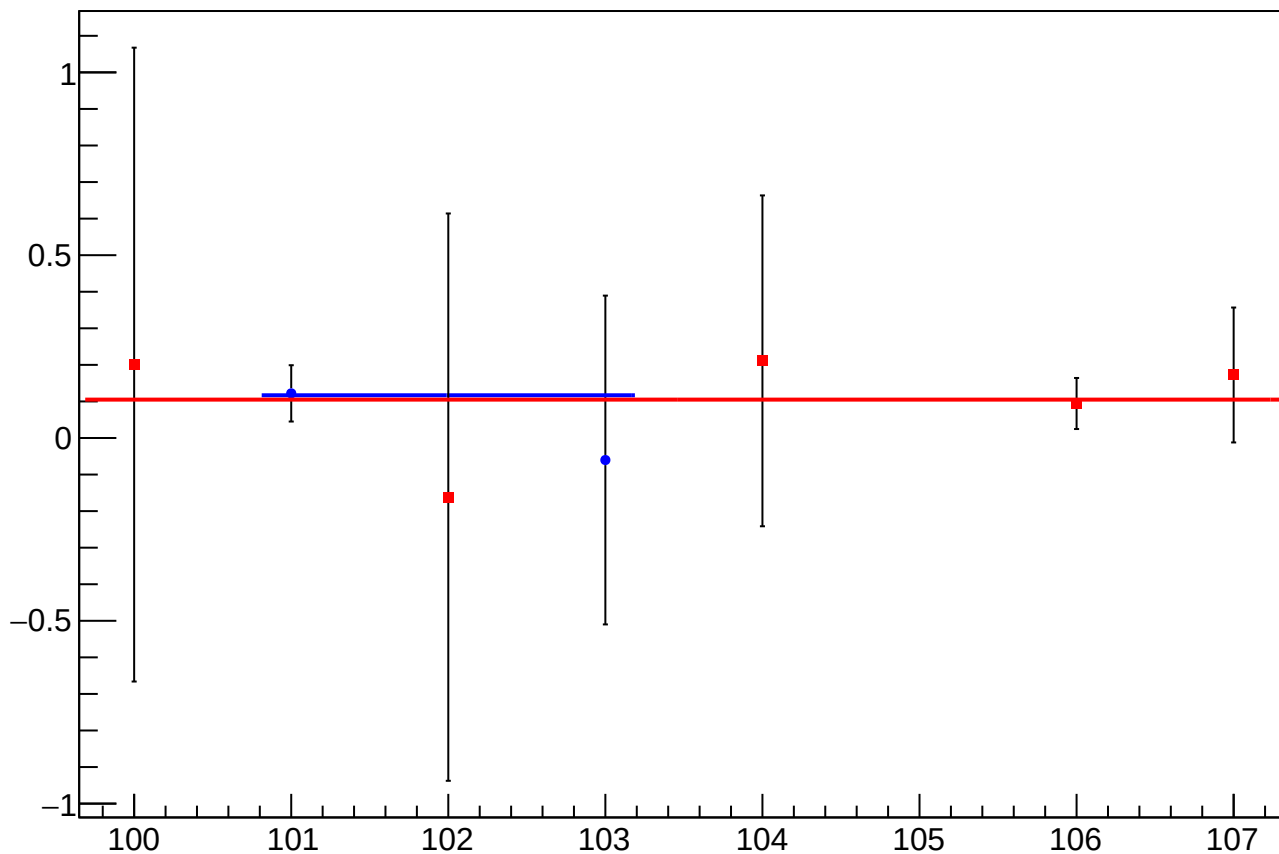
Right: 54.085+/-0.035 χ^2/NDF : 2702630.3/6

In: 63.552+/-0.054 χ^2/NDF : 799946.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.085+/-0.035 χ^2/NDF : 2702630.3/6

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.117 $\pm$ 0.076 χ^2 /NDF: 0.2/1

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

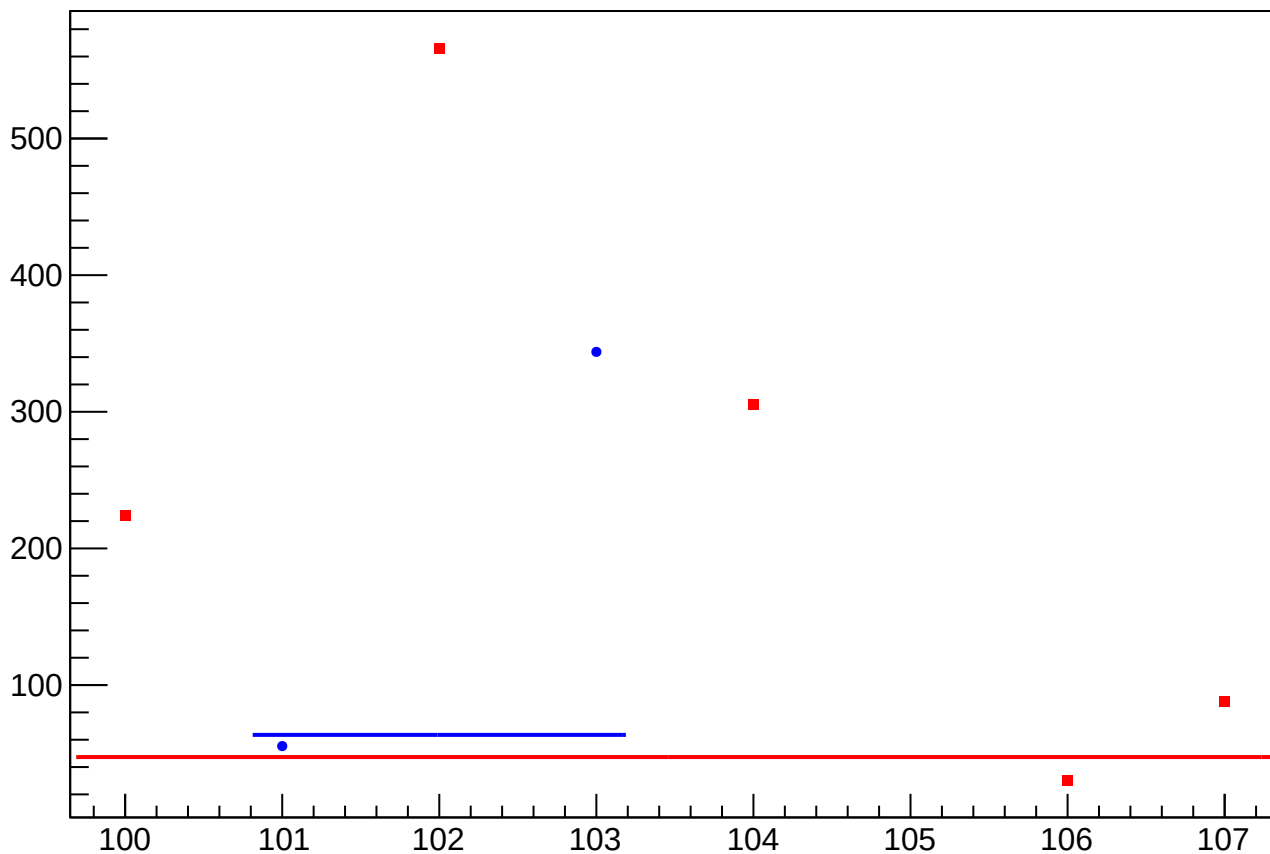
Right: 0.110 $\pm$ 0.049 χ^2 /NDF: 0.5/6

In: 0.117 $\pm$ 0.076 χ^2 /NDF:0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.110 $\pm$ 0.049 χ^2 /NDF: 0.5/6

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.552 $\pm$ 0.054 χ^2 /NDF: 799946.8/1

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

Right Out: 47.307 $\pm$ 0.045 χ^2 /NDF: 1849290.0/4

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

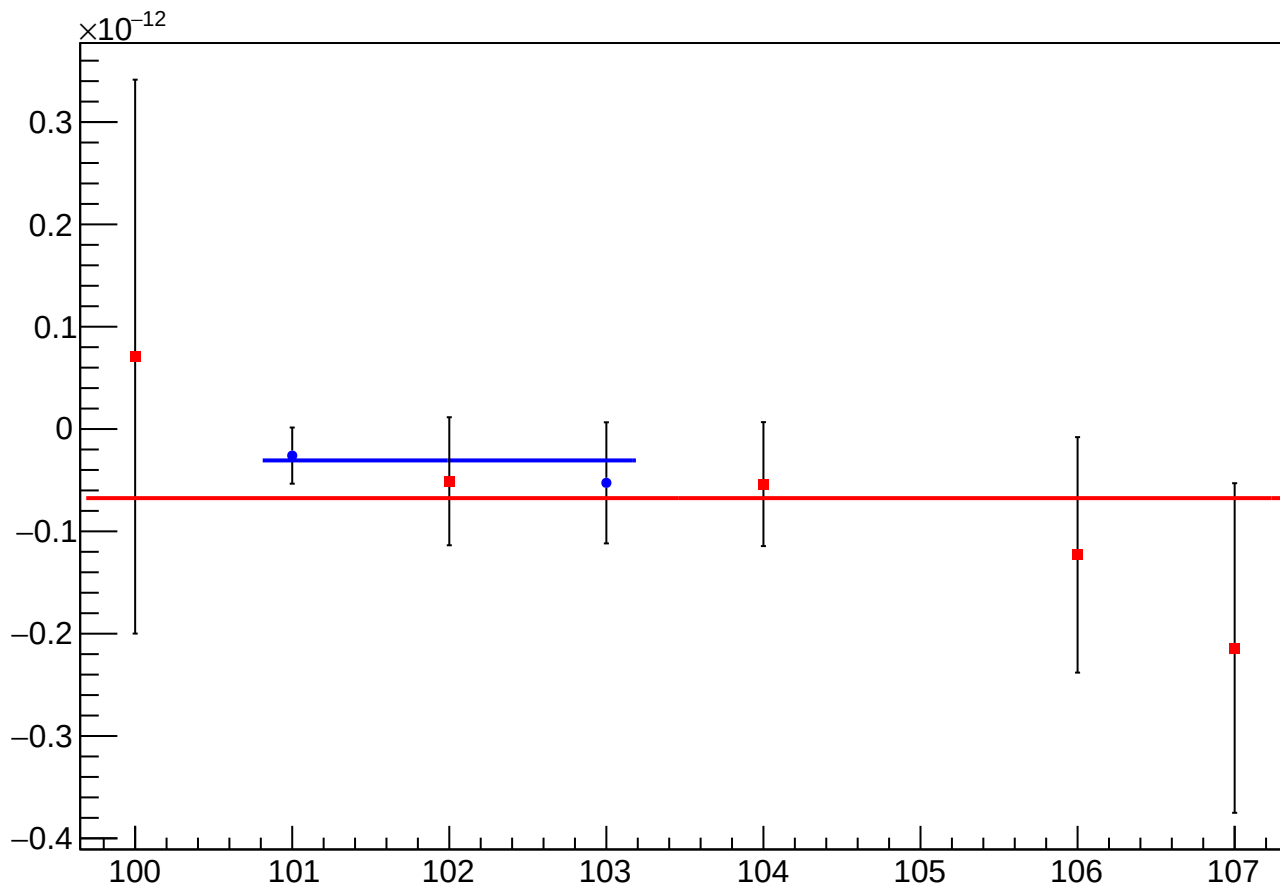
Right: 54.085 $\pm$ 0.035 χ^2 /NDF: 2702630.3/6

In: 63.552 $\pm$ 0.054 χ^2 /NDF: 799946.8/1

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

All: 54.085 $\pm$ 0.035 χ^2 /NDF: 2702630.3/6

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 : 0.2/1

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

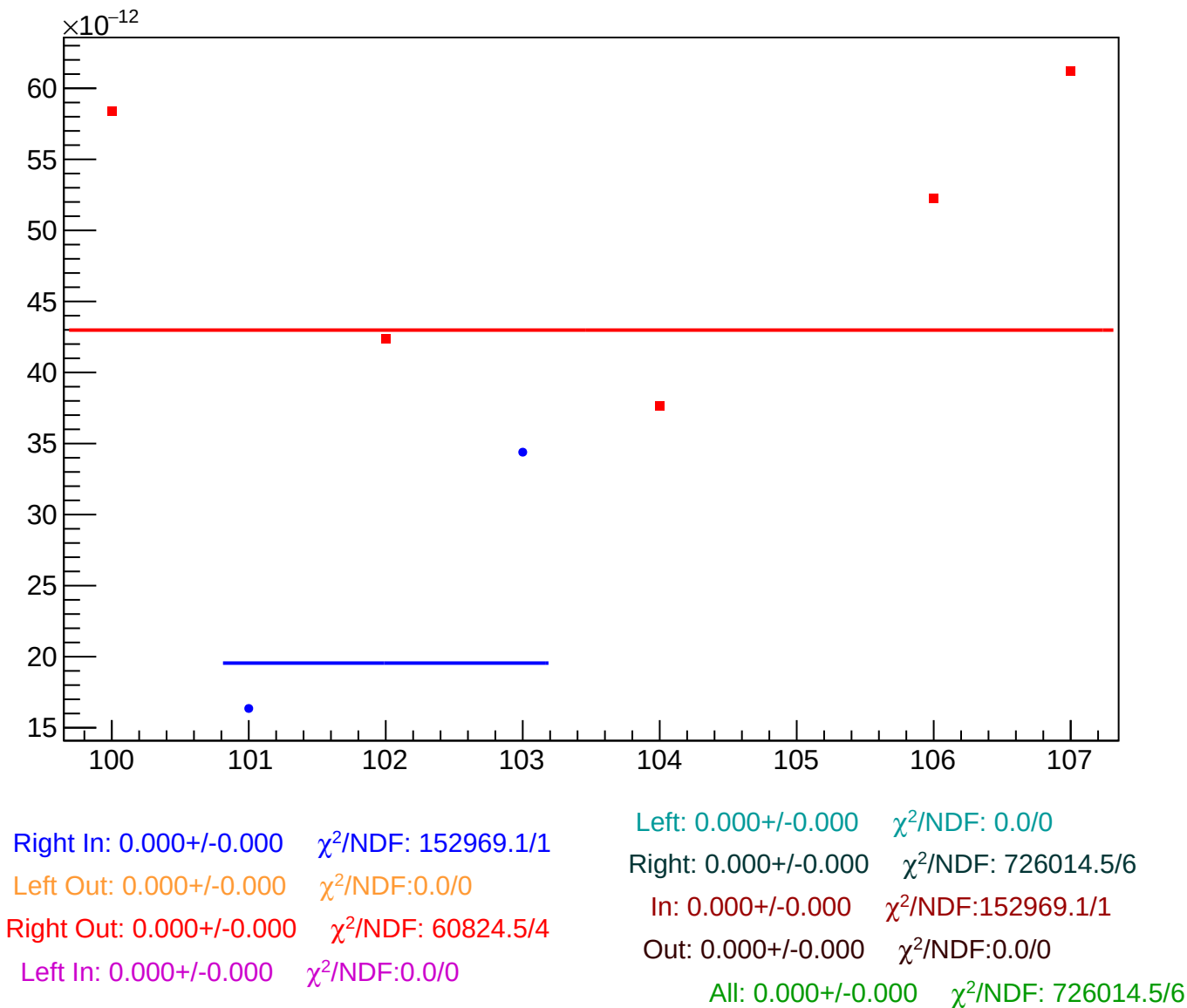
Right: -0.000+/-0.000 χ^2/NDF : 2.2/6

In: -0.000+/-0.000 χ^2/NDF : 0.2/1

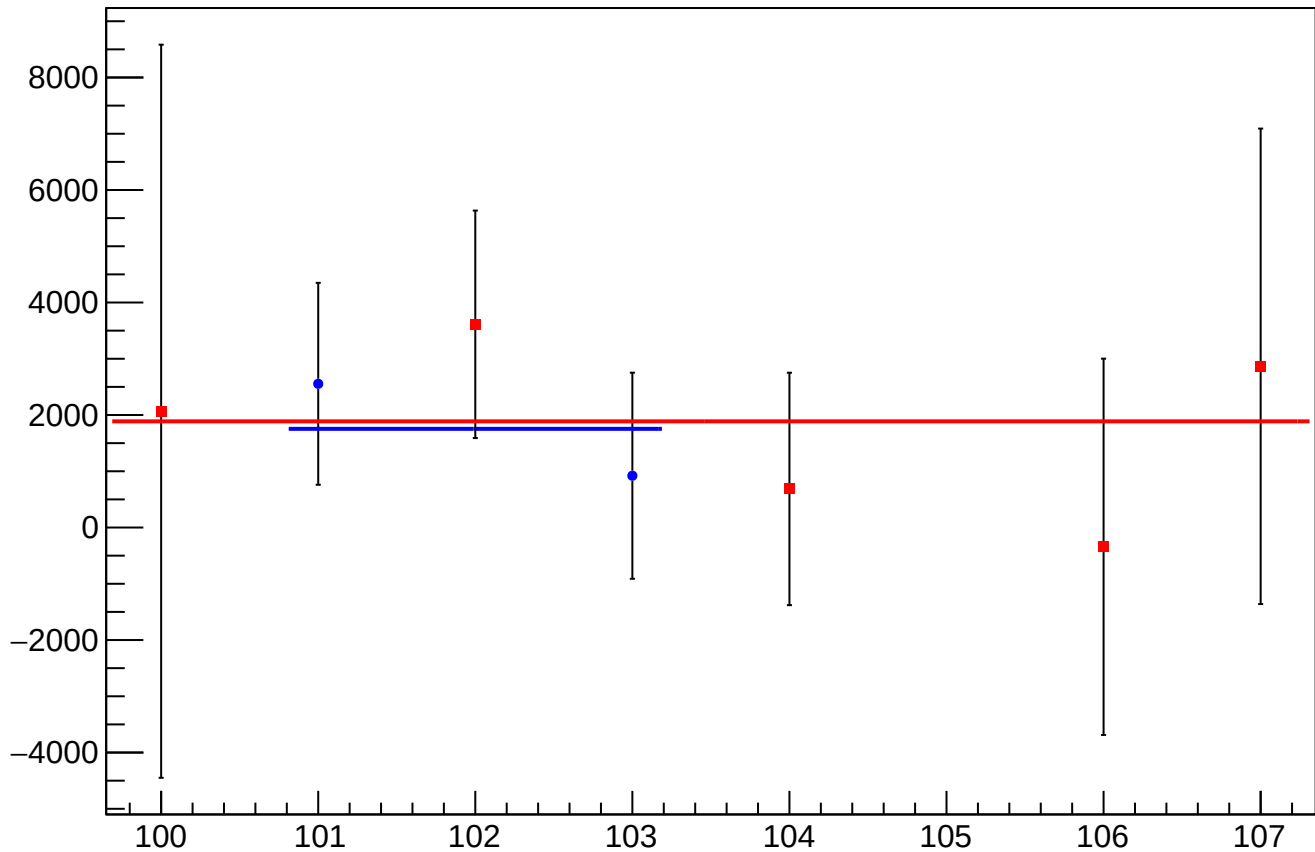
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 2.2/6

asym_at1_dd_at2_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



reg_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1754.413+/-1281.968 χ^2/NDF : 0.4/1

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

Right Out: 1887.404+/-1242.439 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

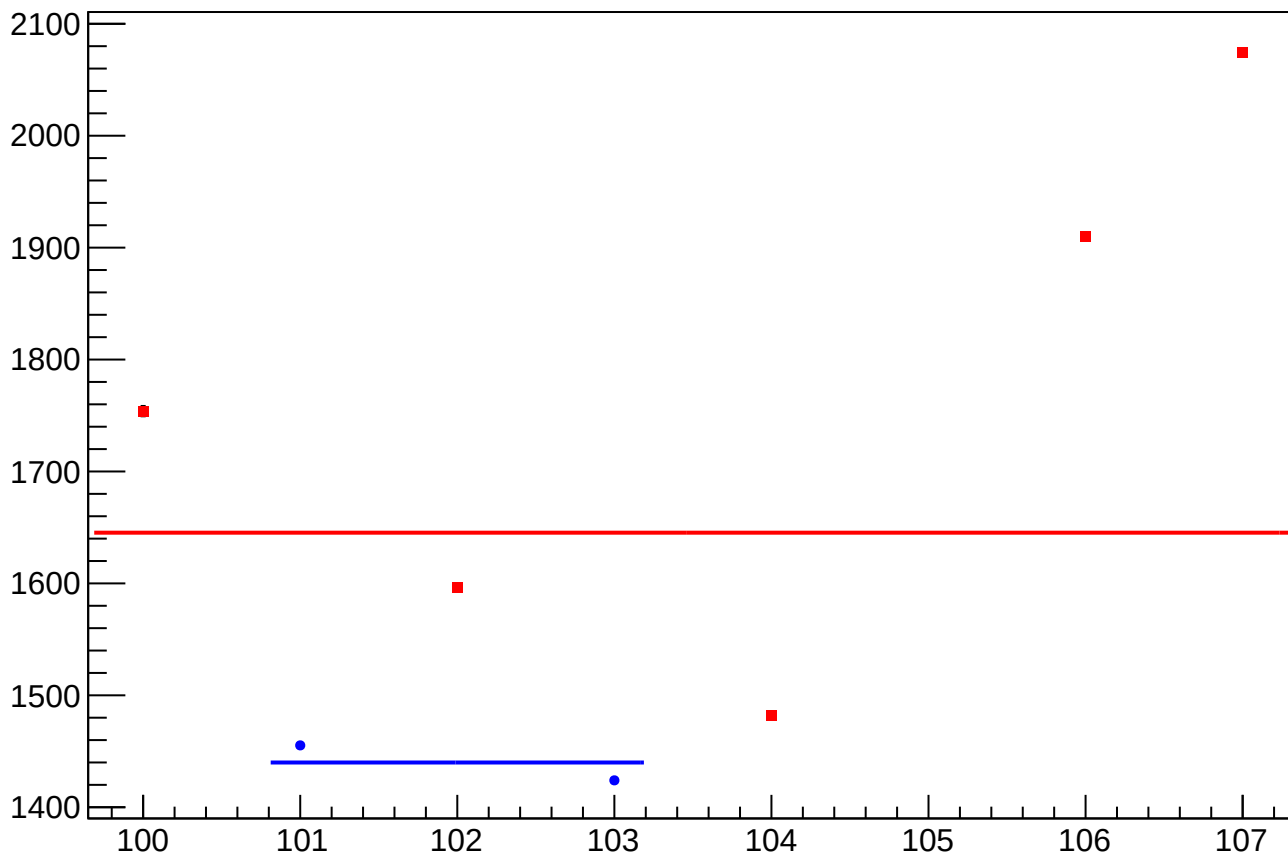
Right: 1822.990+/-892.184 χ^2/NDF : 2.0/6

In: 1754.413+/-1281.968 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1822.990+/-892.184 χ^2/NDF : 2.0/6

reg_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1439.968+/-0.906 χ^2/NDF : 296.9/1

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

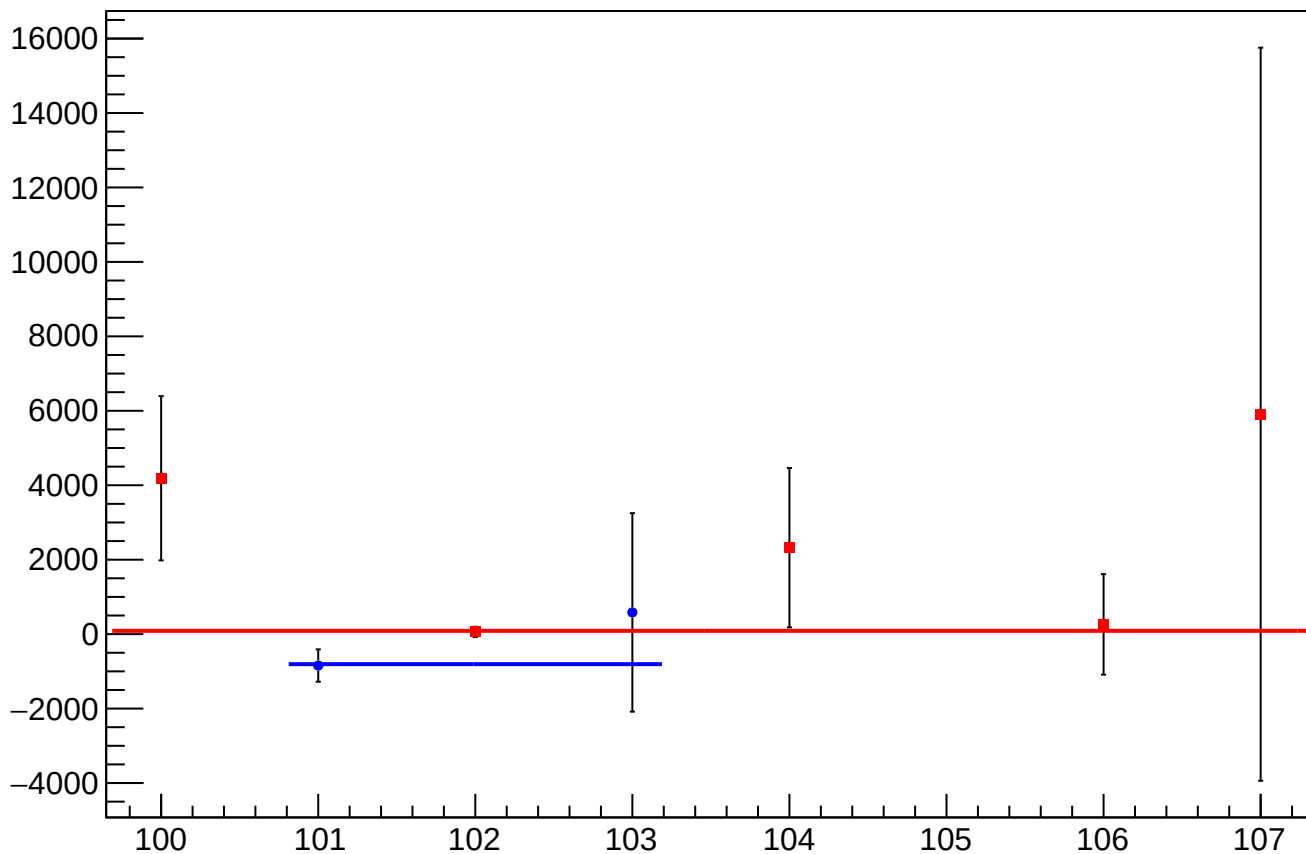
Right: 1545.857+/-0.631 χ^2/NDF : 74141.4/6

In: 1439.968+/-0.906 χ^2/NDF : 296.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1545.857+/-0.631 χ^2/NDF : 74141.4/6

asym_usl_atl1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -806.612+/-429.711 χ^2 /NDF: 0.3/1

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

Right Out: 89.259+/-136.472 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

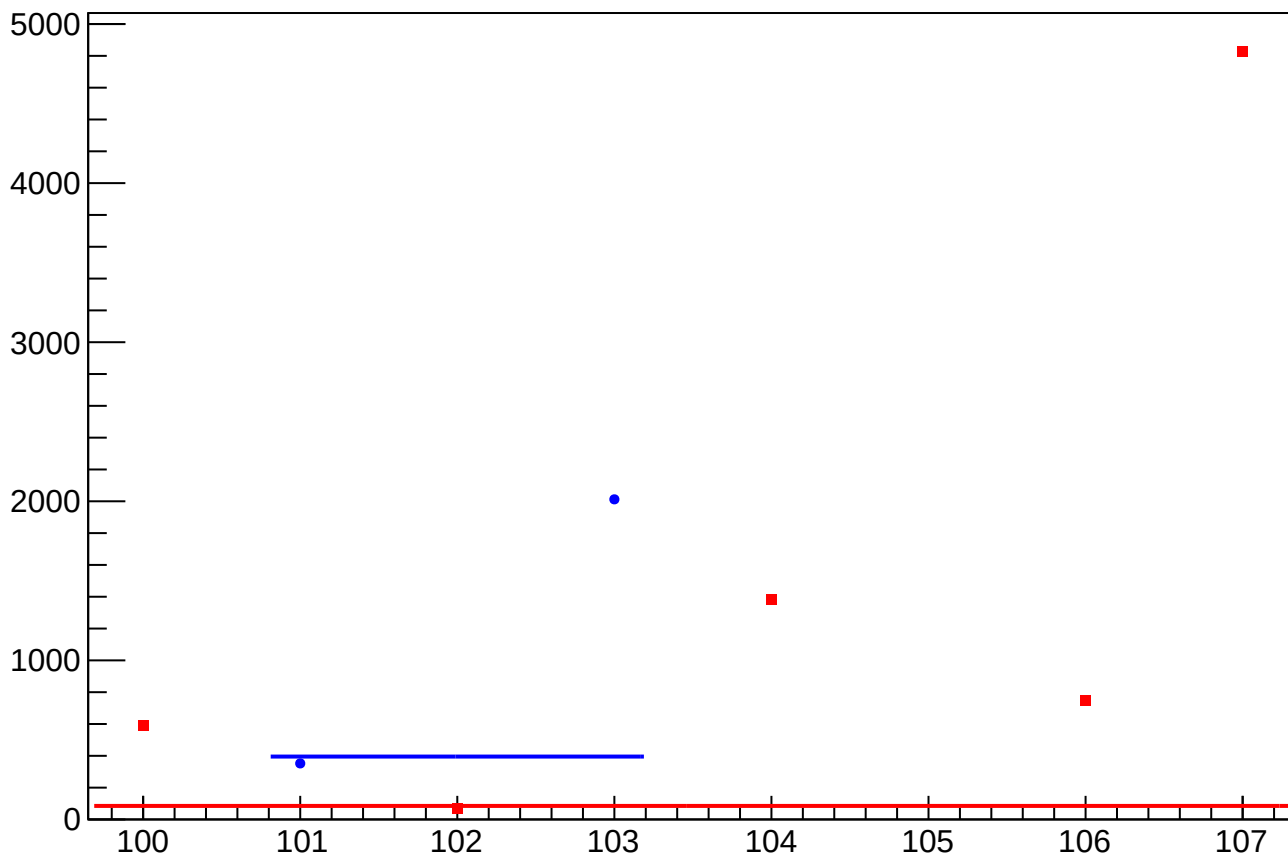
Right: 7.178+/-130.070 χ^2 /NDF: 9.2/6

In: -806.612+/-429.711 χ^2 /NDF:0.3/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 7.178+/-130.070 χ^2 /NDF: 9.2/6

asym_usl_atl1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 395.343+/-0.304 χ^2/NDF : 755333.3/1

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

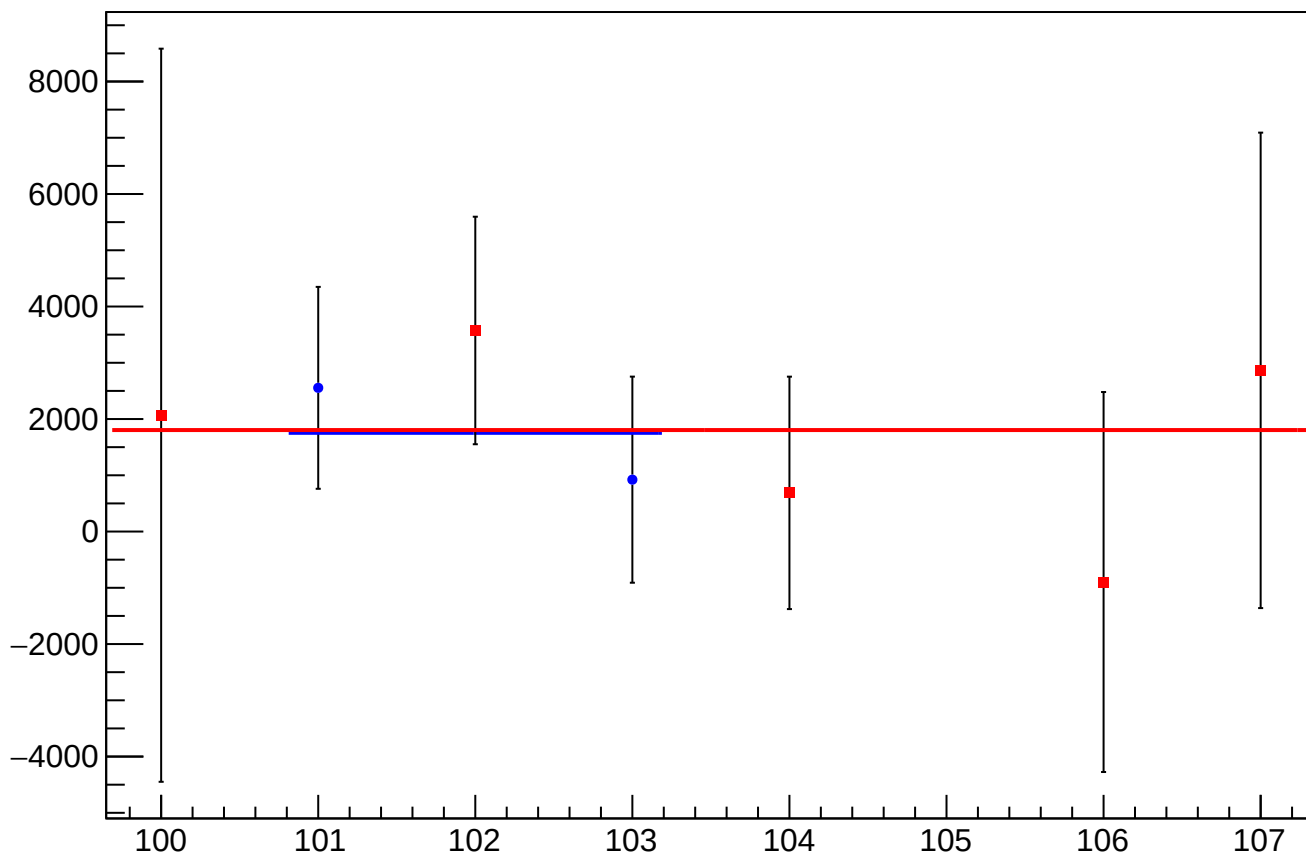
Right: 113.503+/-0.092 χ^2/NDF : 3513450.3/6

In: 395.343+/-0.304 χ^2/NDF : 755333.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.503+/-0.092 χ^2/NDF : 3513450.3/6

cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1755.054+/-1281.968 χ^2/NDF : 0.4/1

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

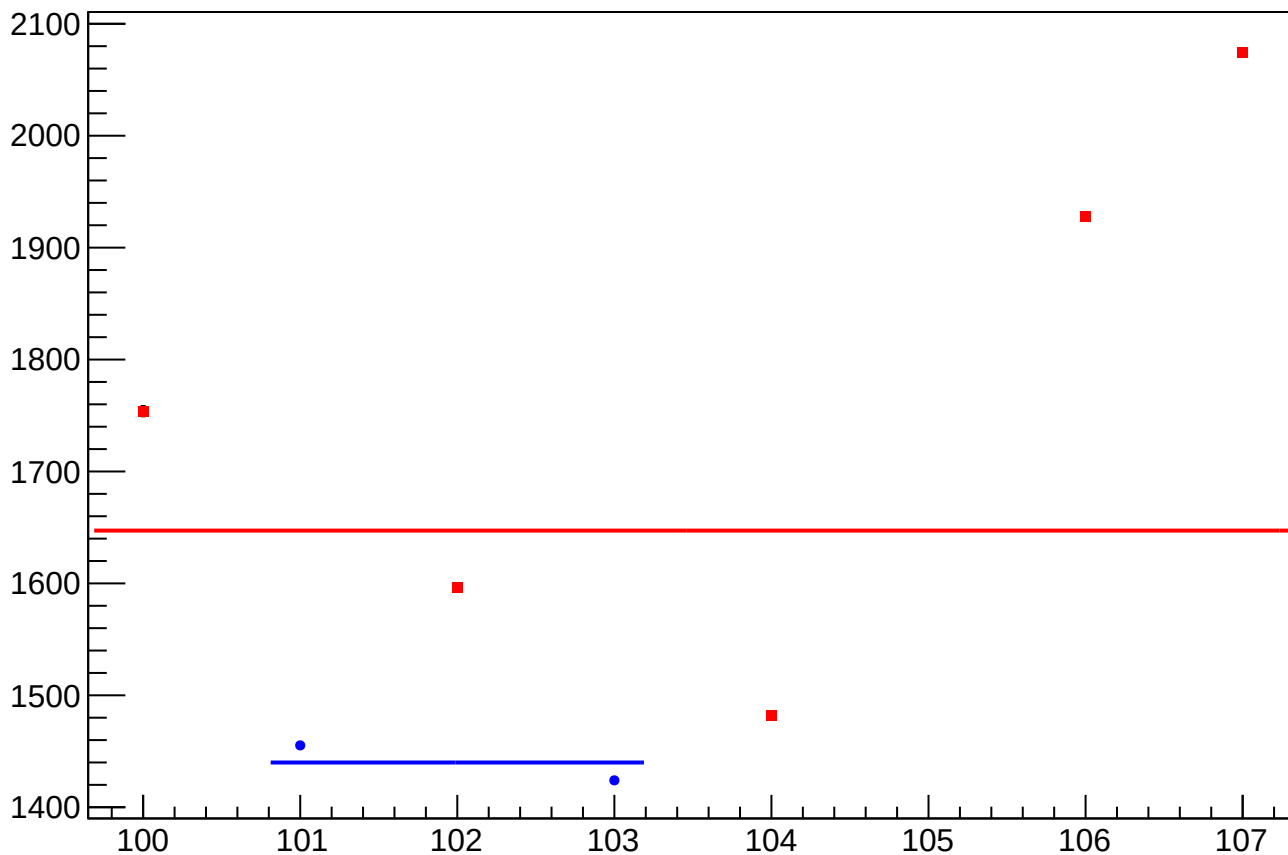
Right: 1780.298+/-892.813 χ^2/NDF : 2.2/6

In: 1755.054+/-1281.968 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1780.298+/-892.813 χ^2/NDF : 2.2/6

cor_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1439.969+/-0.906 χ^2/NDF : 296.9/1

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

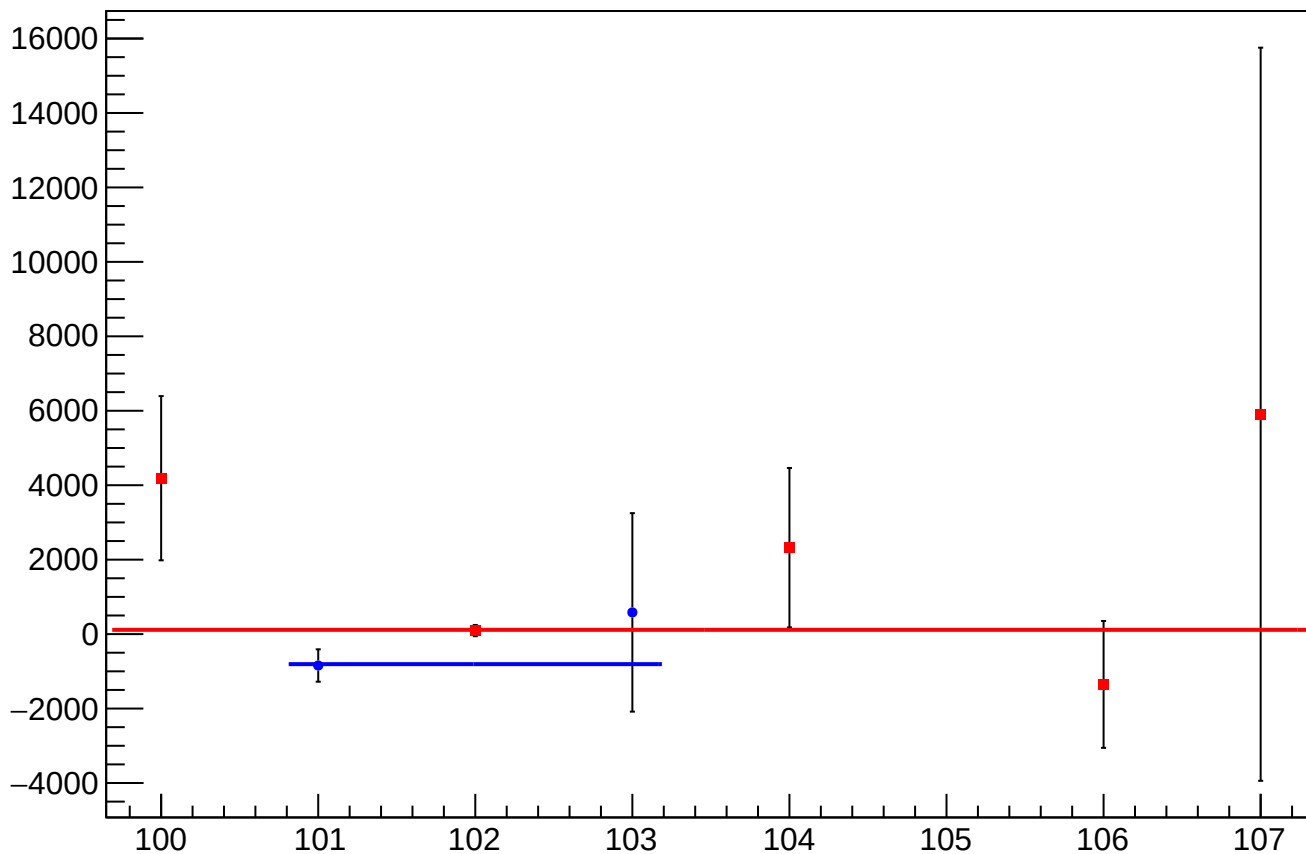
Right: 1546.681+/-0.631 χ^2/NDF : 76097.1/6

In: 1439.969+/-0.906 χ^2/NDF : 296.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1546.681+/-0.631 χ^2/NDF : 76097.1/6

asym_usl_atl1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -806.749+/-429.711 χ^2/NDF : 0.3/1

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

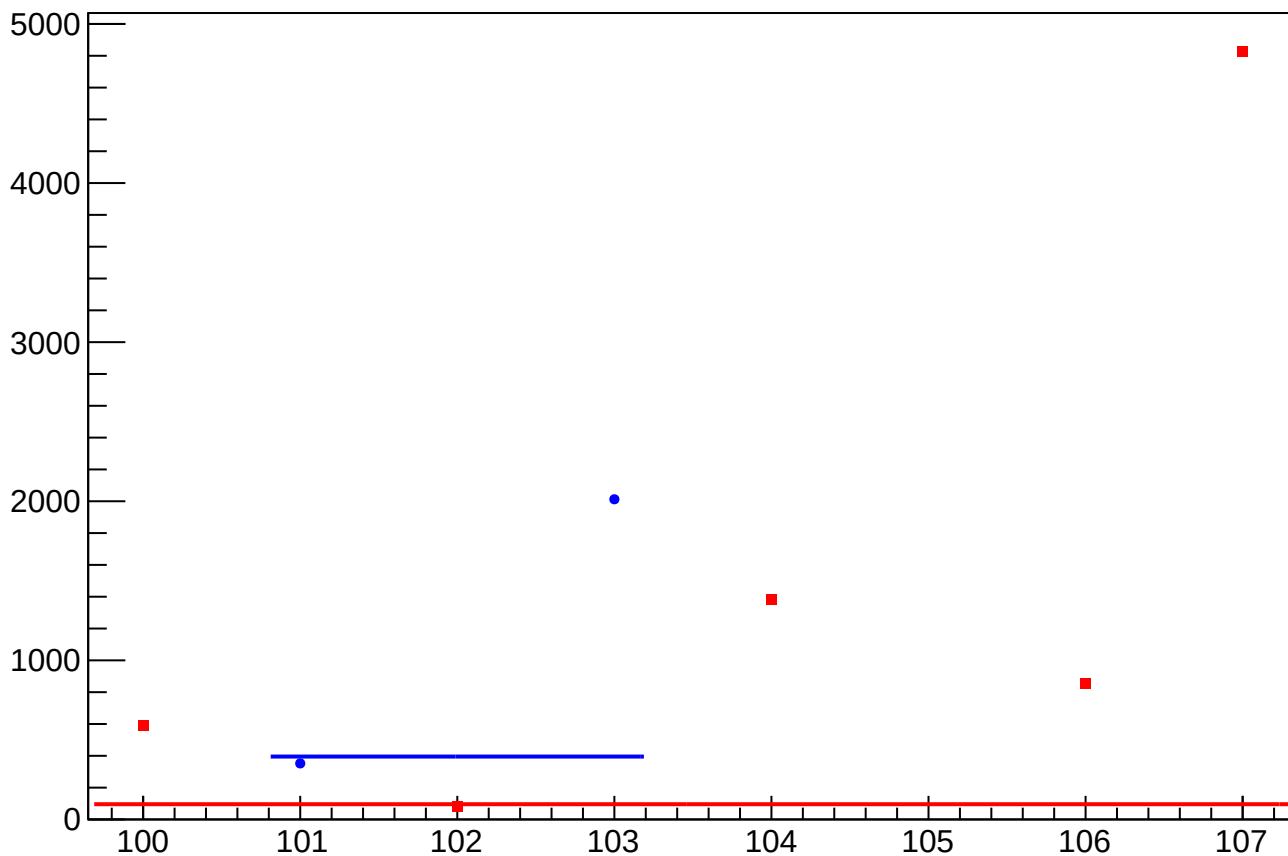
Right: 15.305+/-141.150 χ^2/NDF : 10.0/6

In: -806.749+/-429.711 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.305+/-141.150 χ^2/NDF : 10.0/6

asym_usl_atl1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 395.339+/-0.304 χ^2/NDF : 755344.0/1

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

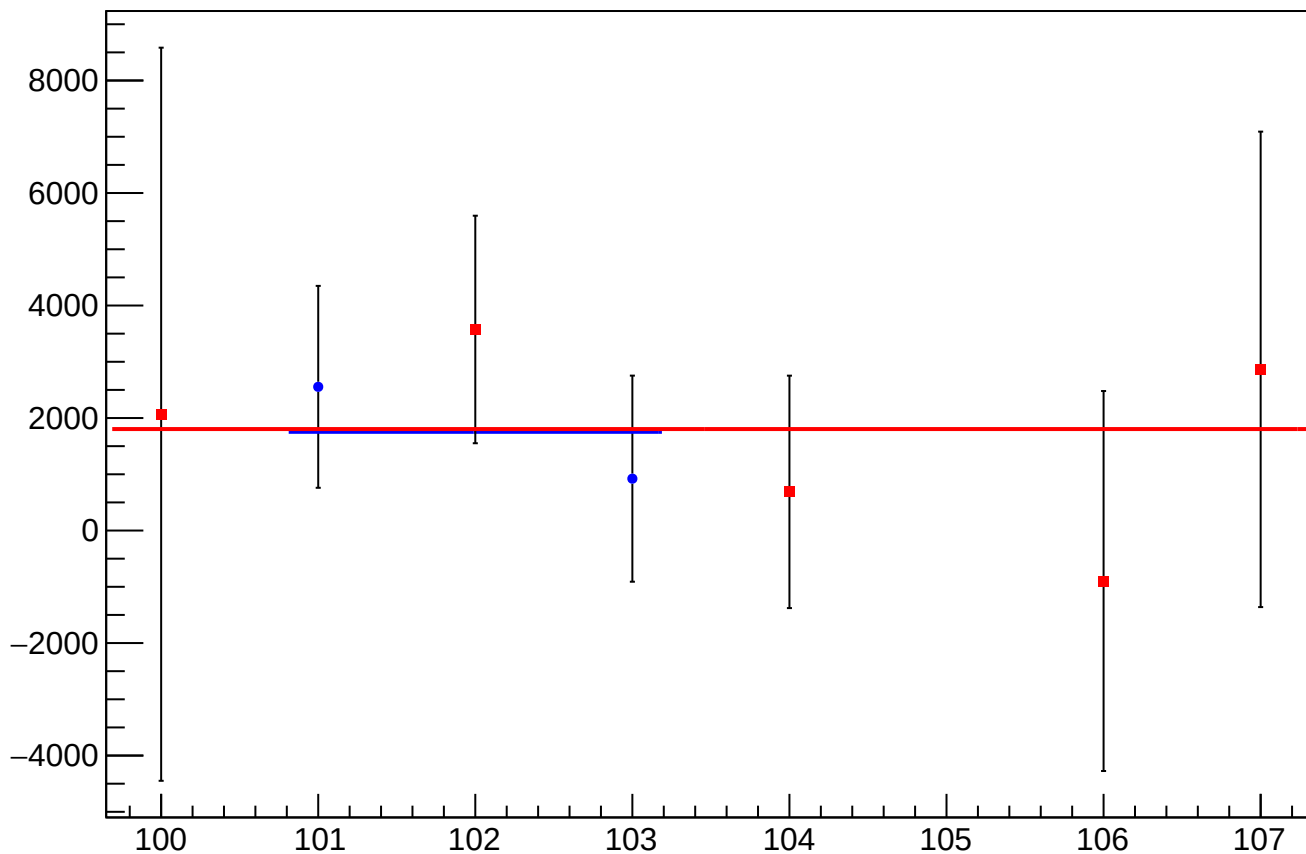
Right: 128.120+/-0.100 χ^2/NDF : 3325584.9/6

In: 395.339+/-0.304 χ^2/NDF : 755344.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.120+/-0.100 χ^2/NDF : 3325584.9/6

eigen_cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1755.054+/-1281.968 χ^2 /NDF: 0.4/1

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

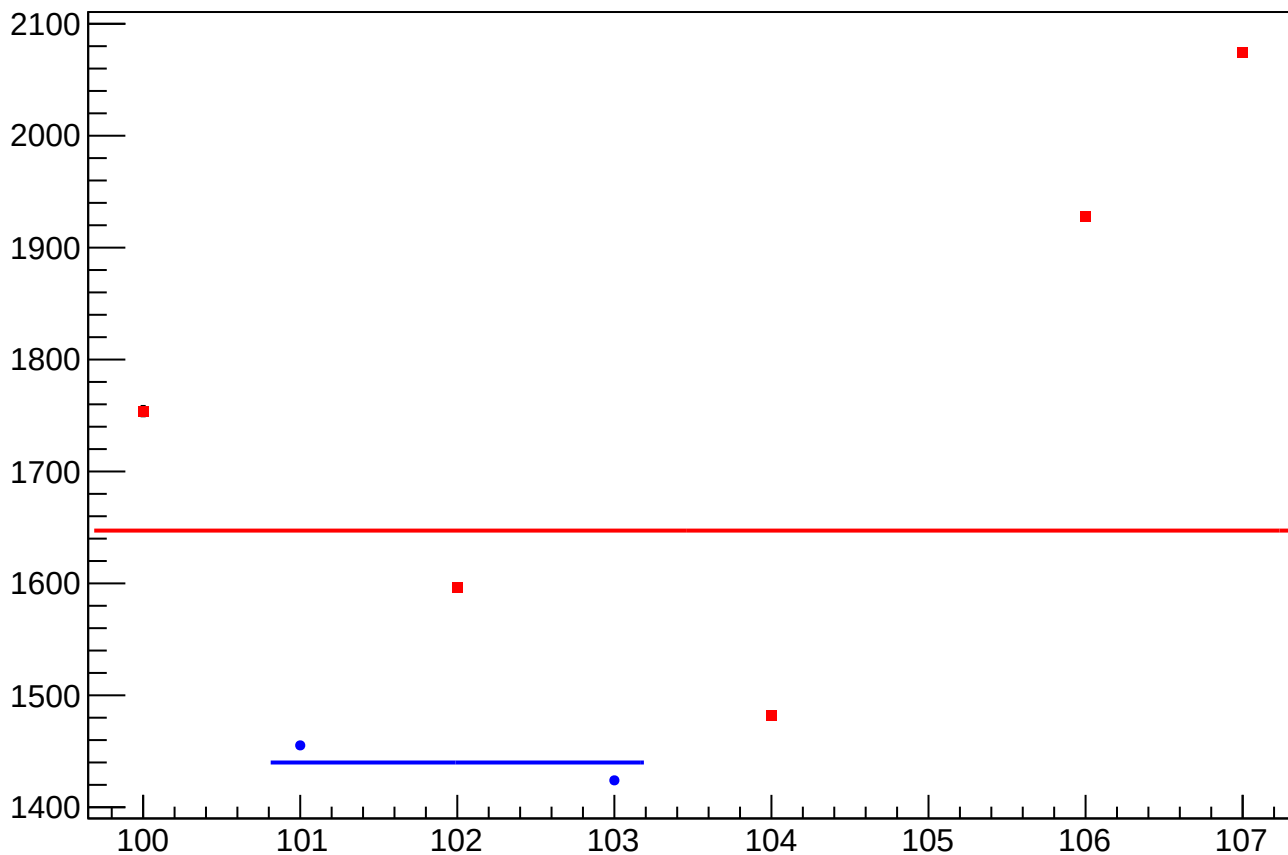
Right: 1780.298+/-892.813 χ^2 /NDF: 2.2/6

In: 1755.054+/-1281.968 χ^2 /NDF:0.4/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1780.298+/-892.813 χ^2 /NDF: 2.2/6

eigen_cor_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1439.969+/-0.906 χ^2/NDF : 296.9/1

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

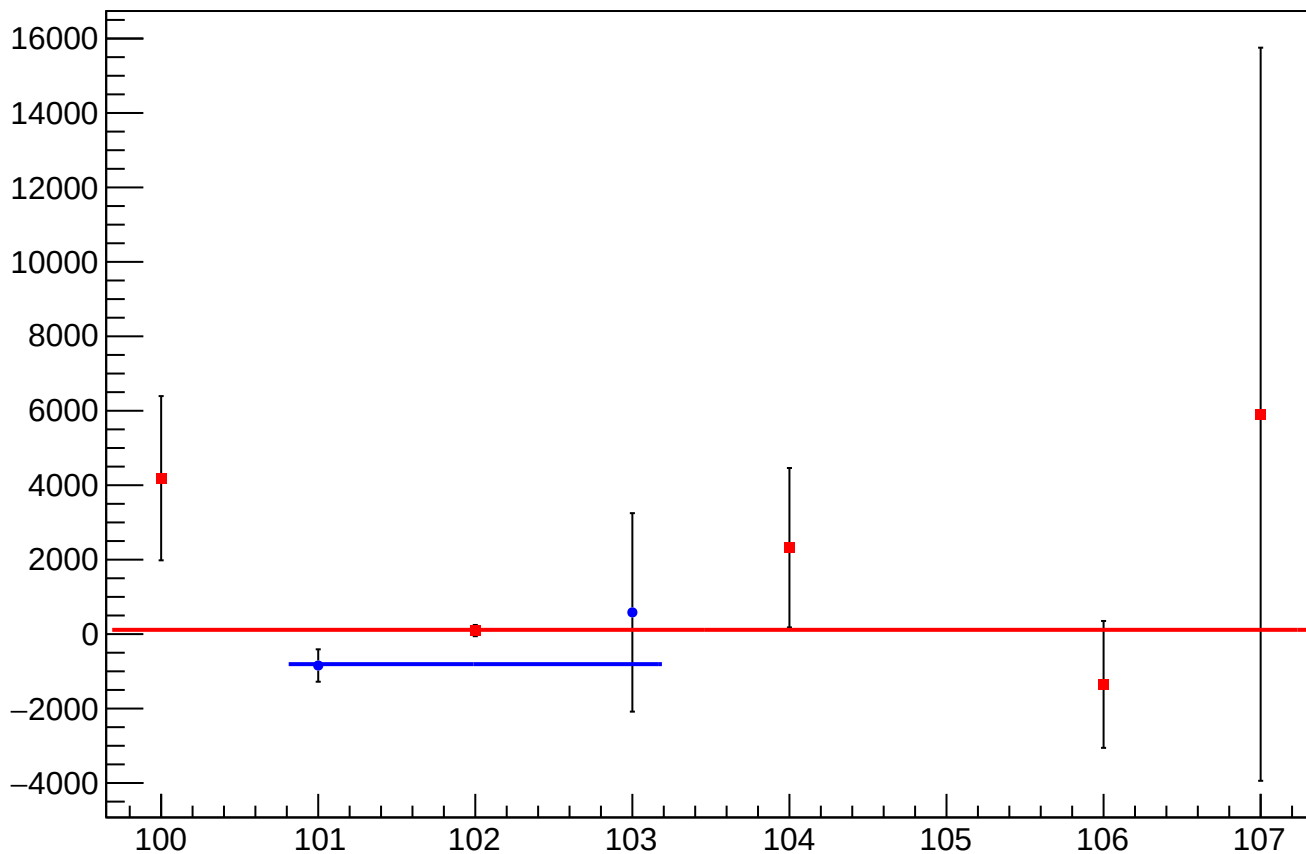
Right: 1546.681+/-0.631 χ^2/NDF : 76097.1/6

In: 1439.969+/-0.906 χ^2/NDF : 296.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1546.681+/-0.631 χ^2/NDF : 76097.1/6

asym_usl_atl1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -806.749+/-429.711 χ^2/NDF : 0.3/1

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

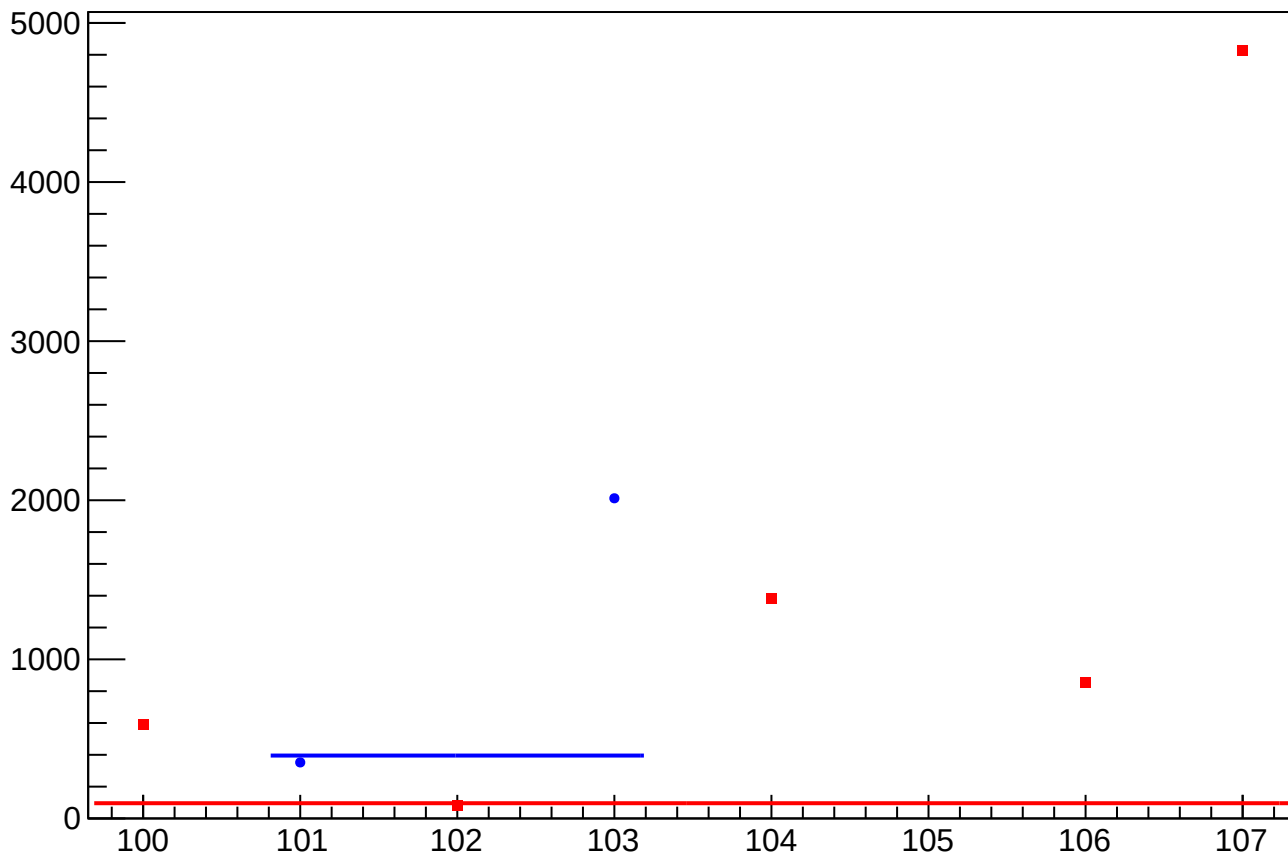
Right: 15.305+/-141.150 χ^2/NDF : 10.0/6

In: -806.749+/-429.711 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.305+/-141.150 χ^2/NDF : 10.0/6

asym_usl_atl1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 395.339+/-0.304 χ^2/NDF : 755344.0/1

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

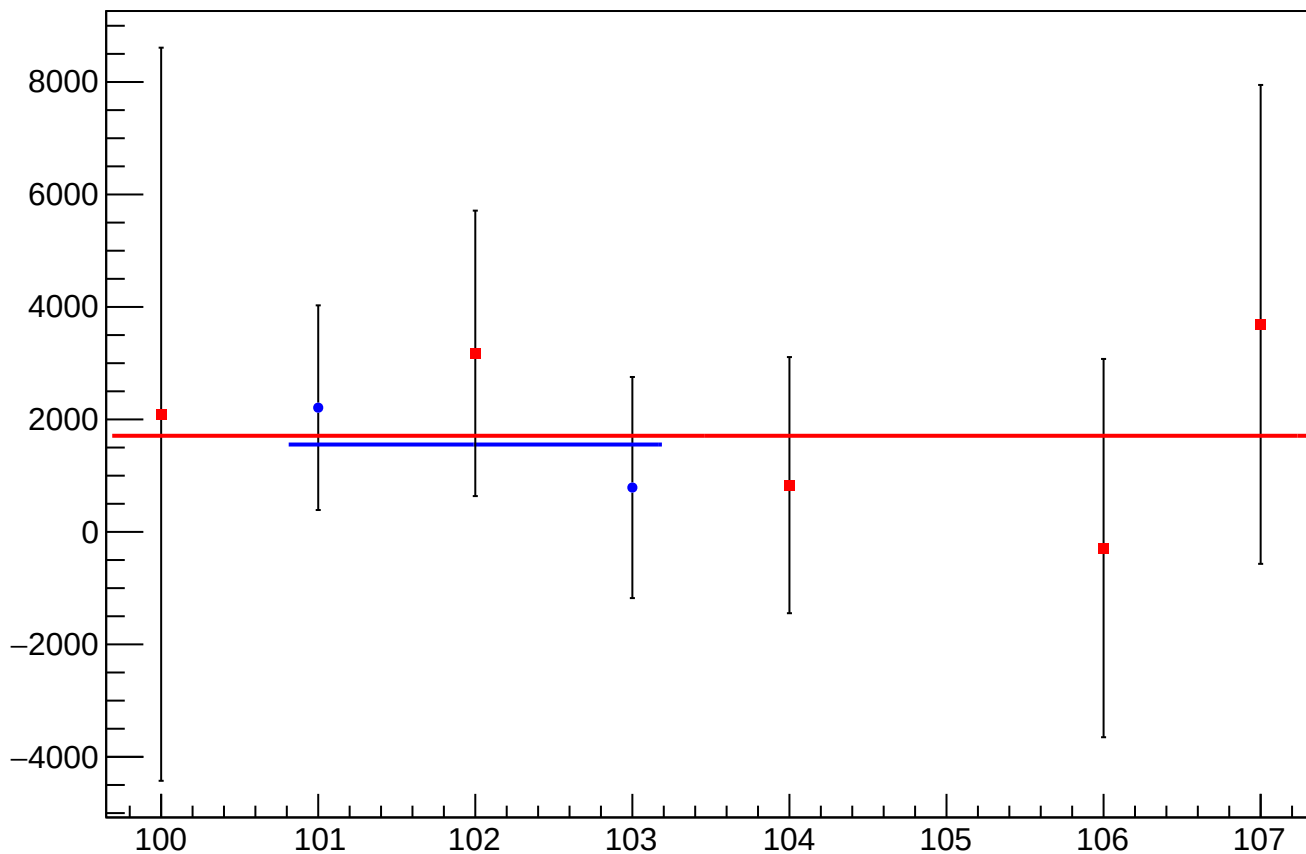
Right: 128.120+/-0.100 χ^2/NDF : 3325584.9/6

In: 395.339+/-0.304 χ^2/NDF : 755344.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.120+/-0.100 χ^2/NDF : 3325584.9/6

dit_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1553.650+/-1335.385 χ^2/NDF : 0.3/1

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

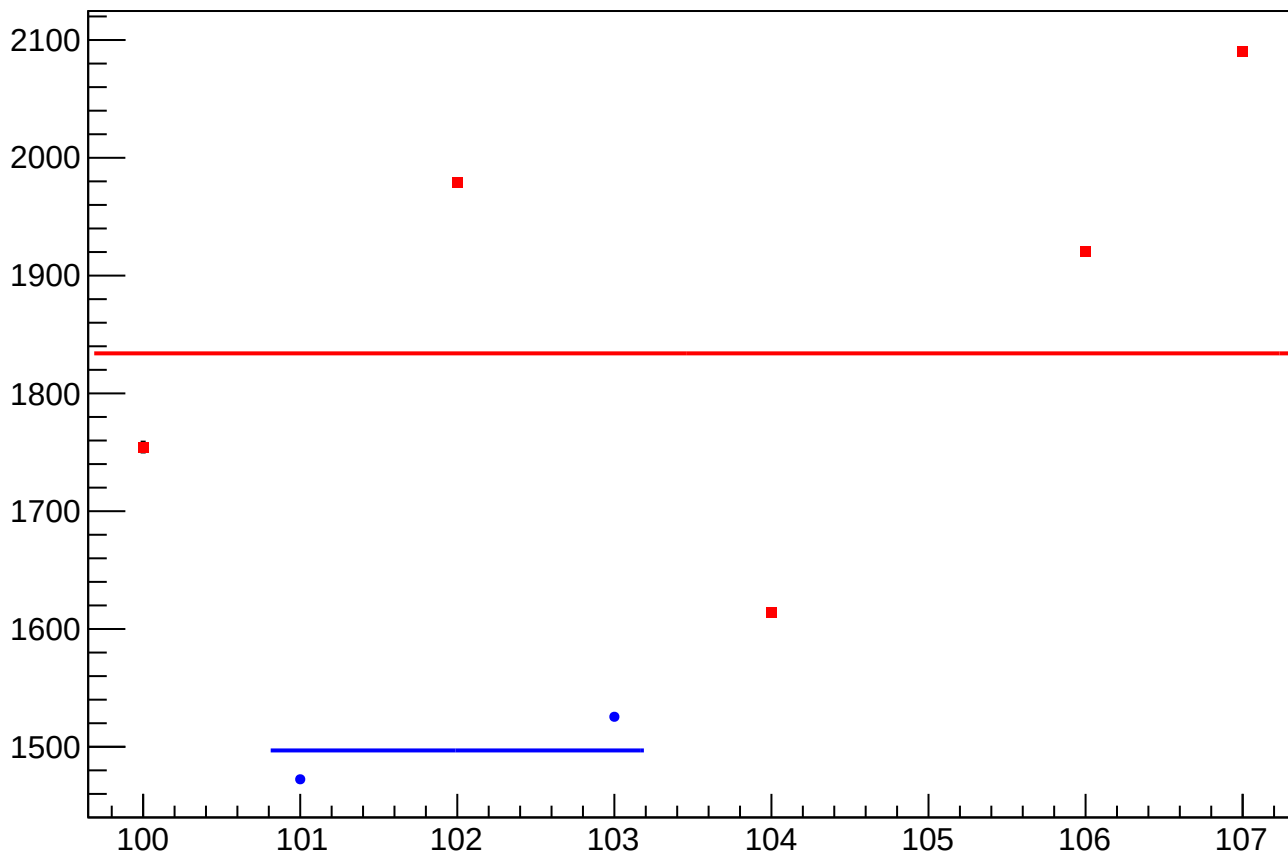
Right: 1628.160+/-964.060 χ^2/NDF : 1.3/6

In: 1553.650+/-1335.385 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1628.160+/-964.060 χ^2/NDF : 1.3/6

dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1496.906 $\pm$ 0.944 χ^2 /NDF: 784.9/1

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

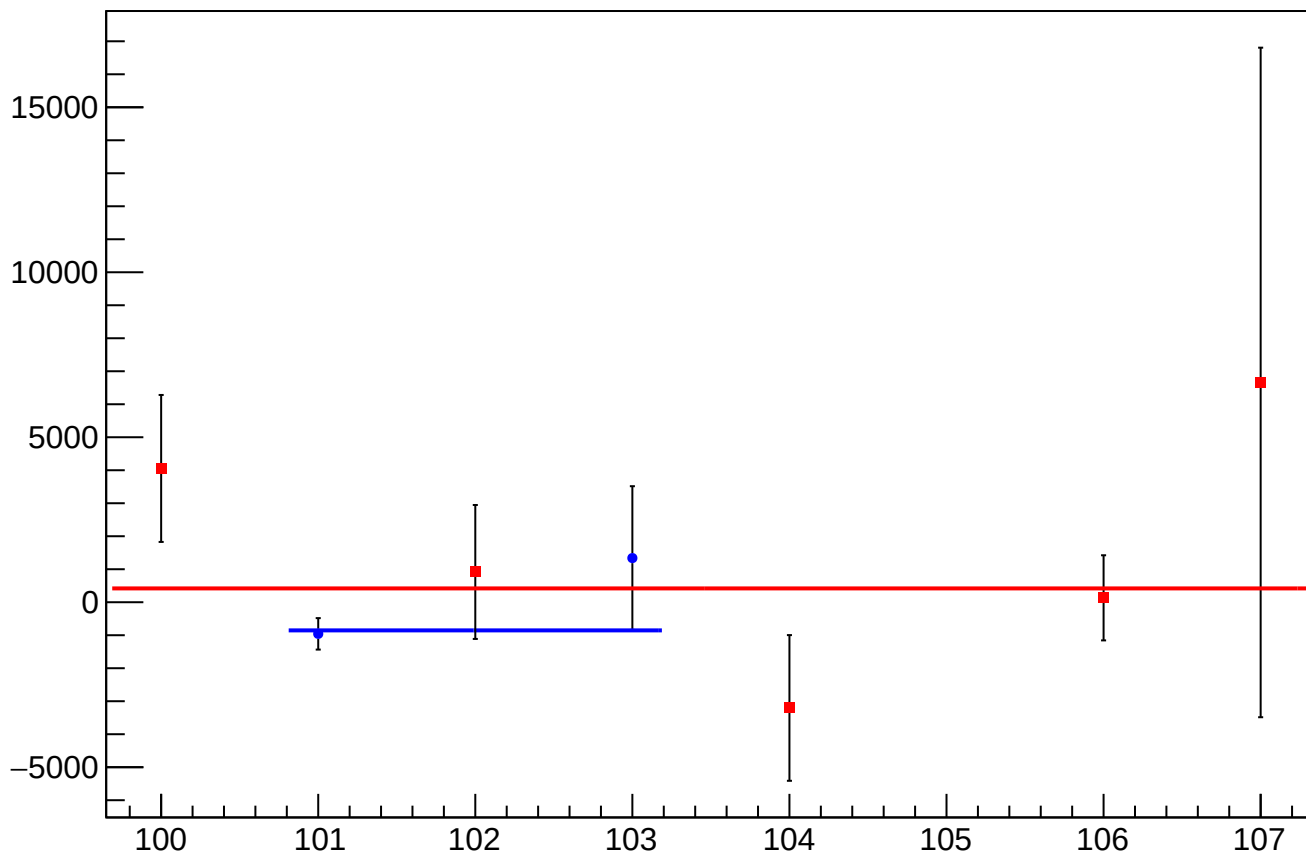
Right: 1658.304 $\pm$ 0.682 χ^2 /NDF: 95904.2/6

In: 1496.906 $\pm$ 0.944 χ^2 /NDF: 784.9/1

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

All: 1658.304 $\pm$ 0.682 χ^2 /NDF: 95904.2/6

asym_usl_atl1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -853.399+/-465.842 χ^2/NDF : 1.1/1

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

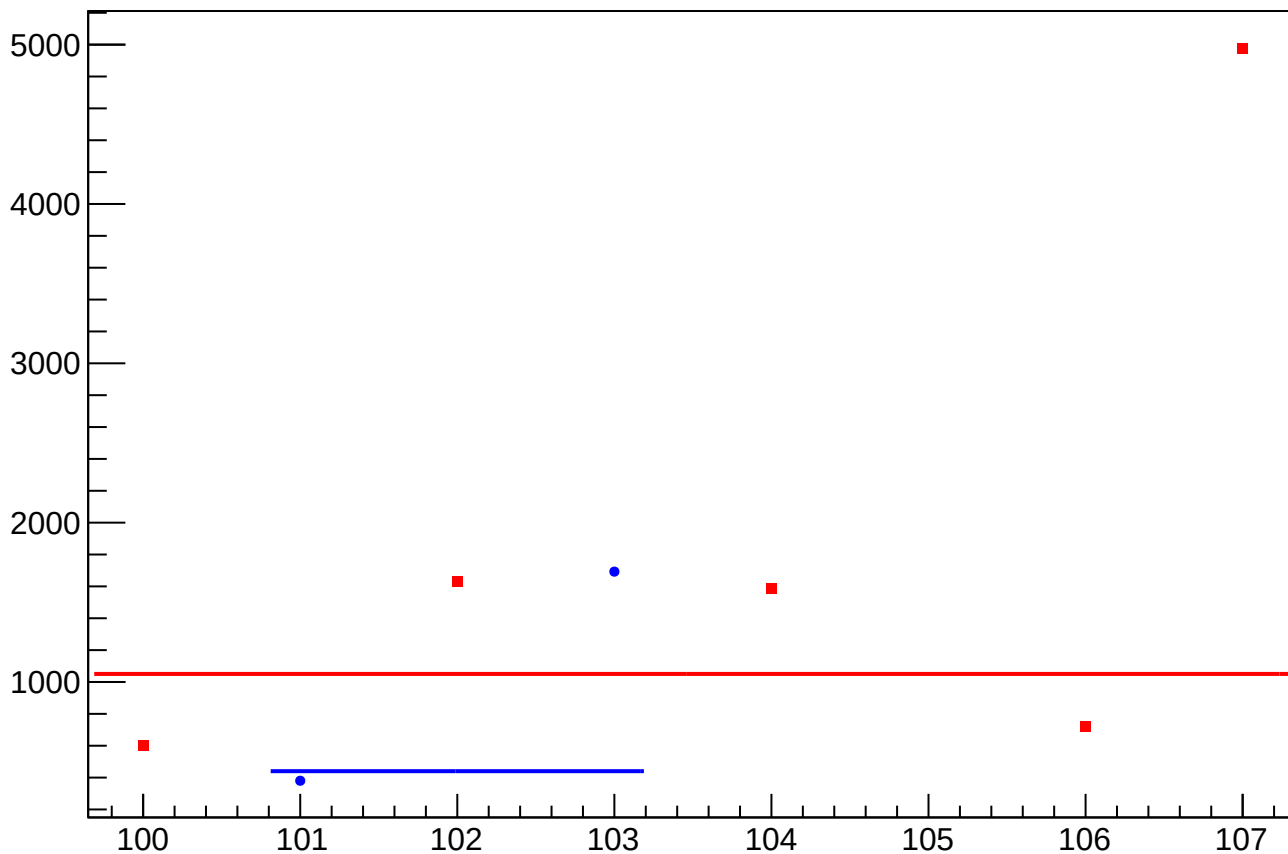
Right: -580.237+/-412.800 χ^2/NDF : 8.5/6

In: -853.399+/-465.842 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -580.237+/-412.800 χ^2/NDF : 8.5/6

asym_usl_atl1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 440.254+/-0.329 χ^2/NDF : 693031.1/1

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

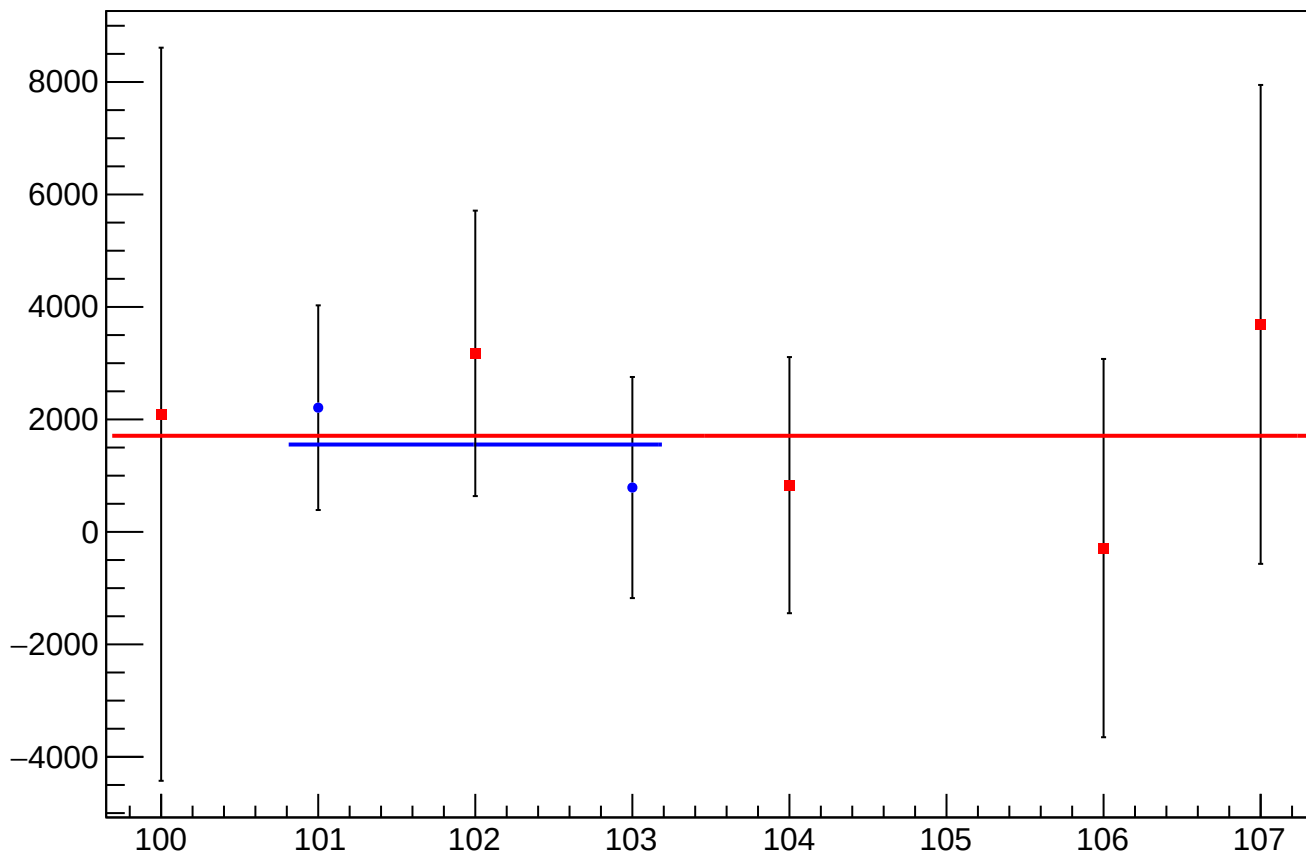
Right: 571.326+/-0.292 χ^2/NDF : 2221553.1/6

In: 440.254+/-0.329 χ^2/NDF : 693031.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 571.326+/-0.292 χ^2/NDF : 2221553.1/6

eigen_dit_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1553.643+/-1335.383 χ^2/NDF : 0.3/1

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

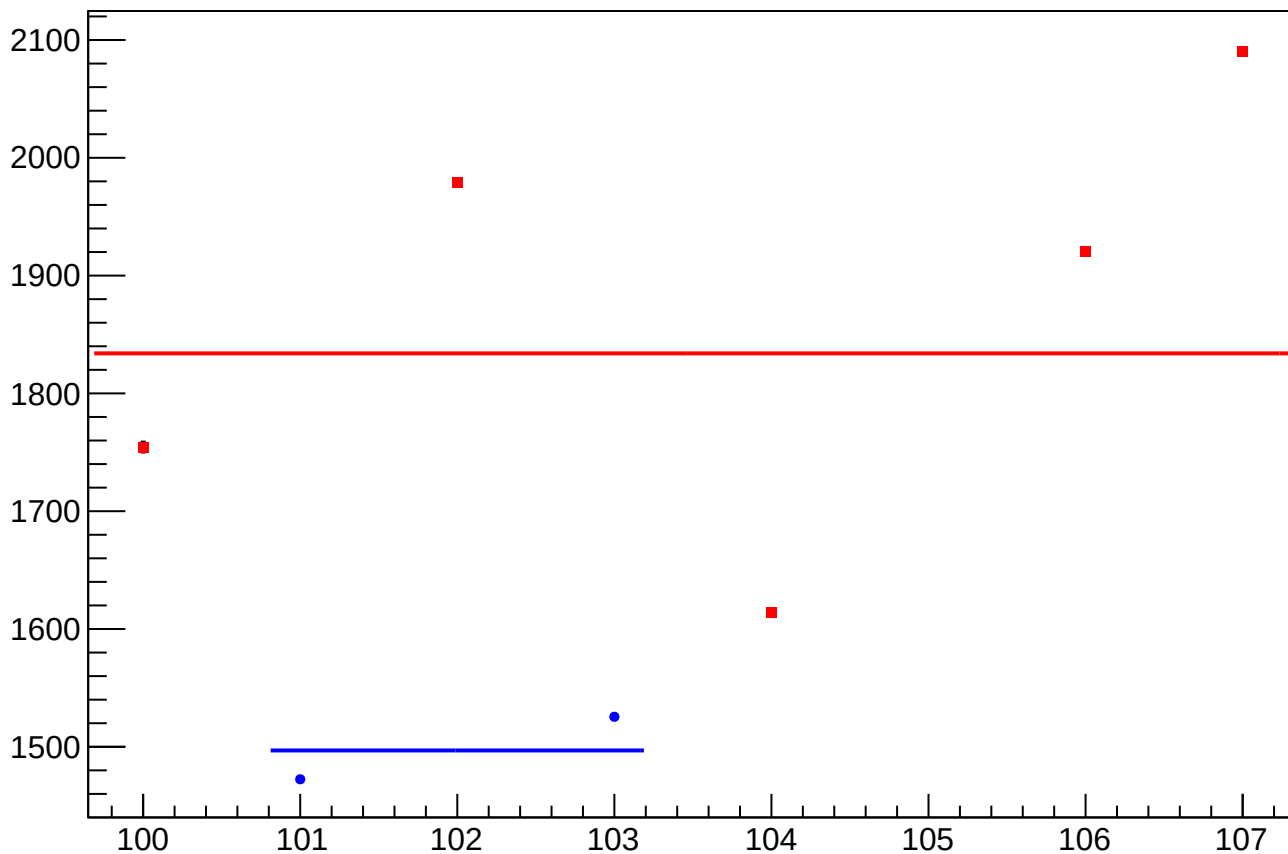
Right: 1628.152+/-964.059 χ^2/NDF : 1.3/6

In: 1553.643+/-1335.383 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1628.152+/-964.059 χ^2/NDF : 1.3/6

eigen_dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1496.904 $\pm$ 0.944 χ^2 /NDF: 784.8/1

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

Right Out: 1833.985 $\pm$ 0.985 χ^2 /NDF: 34103.0/4

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

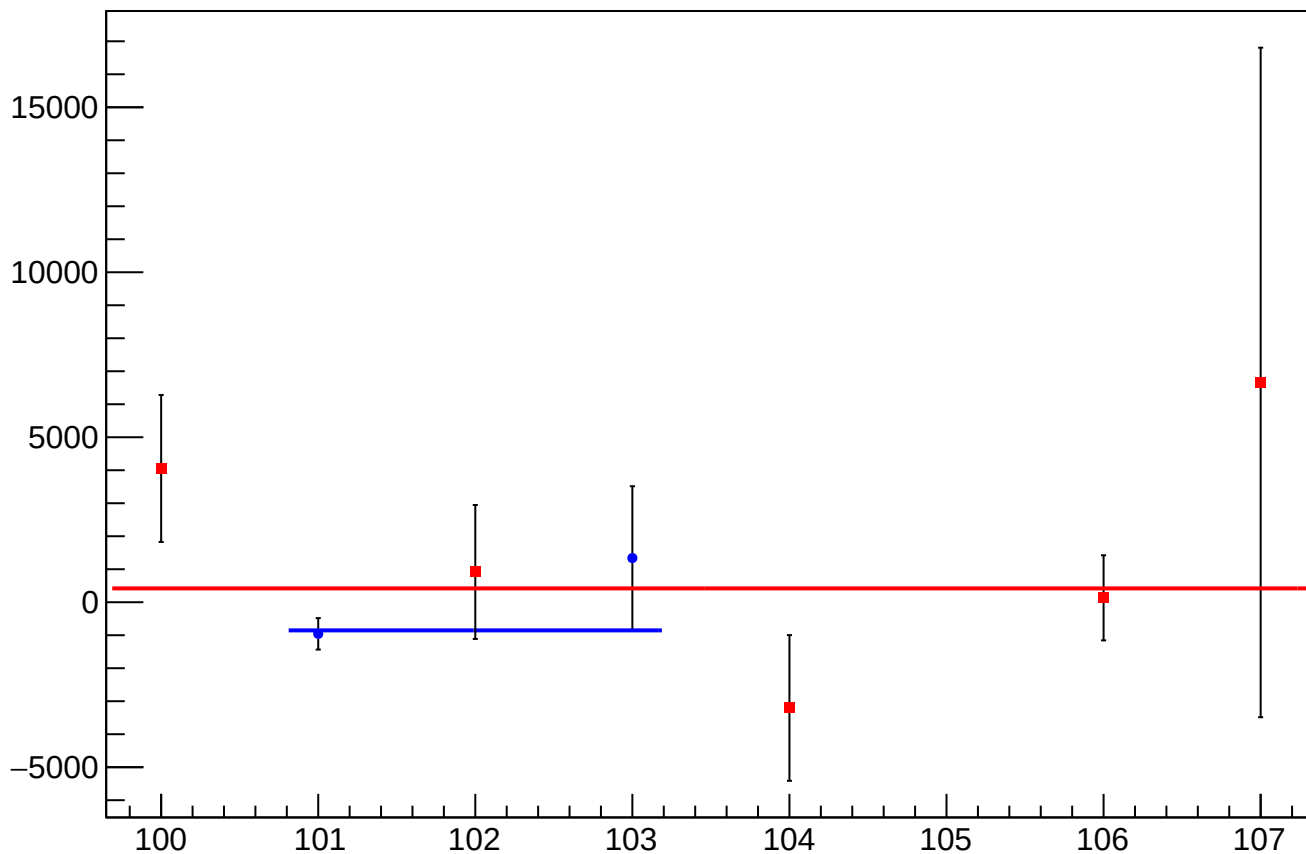
Right: 1658.302 $\pm$ 0.682 χ^2 /NDF: 95904.6/6

In: 1496.904 $\pm$ 0.944 χ^2 /NDF: 784.8/1

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

All: 1658.302 $\pm$ 0.682 χ^2 /NDF: 95904.6/6

asym_usl_atl1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -853.402 $\pm$ 465.843 χ^2 /NDF: 1.1/1

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

Right Out: 418.539 $\pm$ 890.764 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

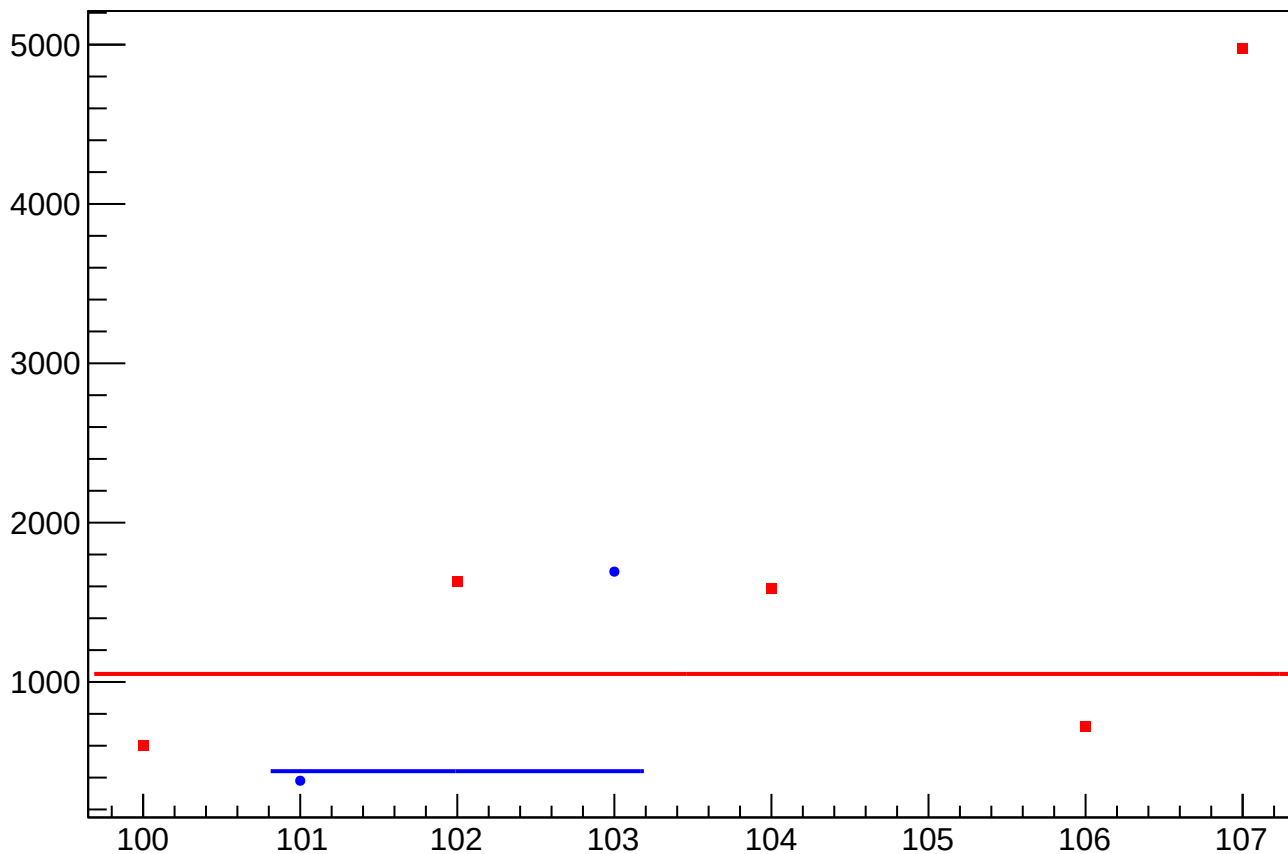
Right: -580.239 $\pm$ 412.801 χ^2 /NDF: 8.5/6

In: -853.402 $\pm$ 465.843 χ^2 /NDF:1.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -580.239 $\pm$ 412.801 χ^2 /NDF: 8.5/6

asym_usl_atl1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 440.255+/-0.329 χ^2/NDF : 693031.6/1

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

Right Out: 1050.574+/-0.630 χ^2/NDF : 791263.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

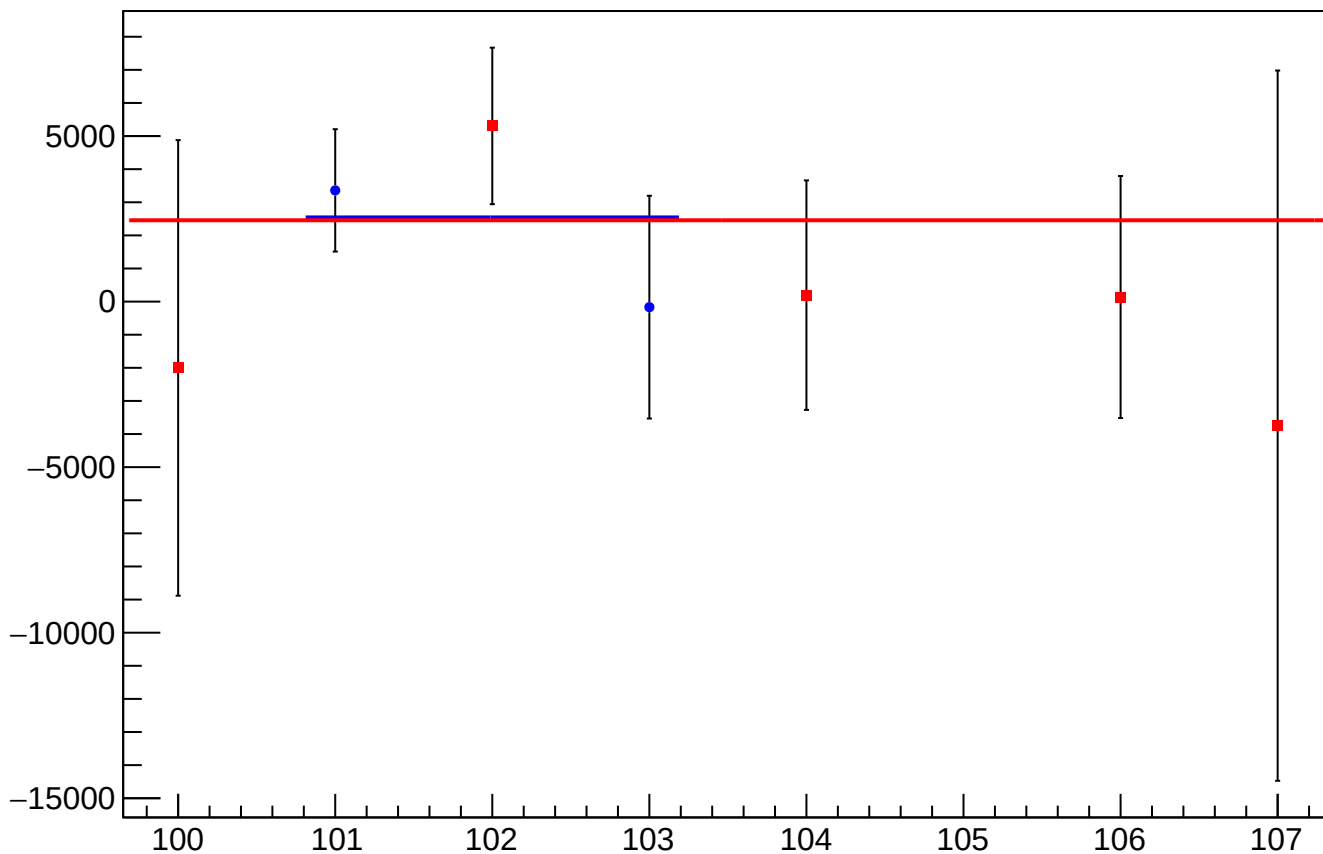
Right: 571.327+/-0.292 χ^2/NDF : 2221553.5/6

In: 440.255+/-0.329 χ^2/NDF : 693031.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 571.327+/-0.292 χ^2/NDF : 2221553.5/6

asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2542.043+/-1619.654 χ^2/NDF : 0.8/1

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

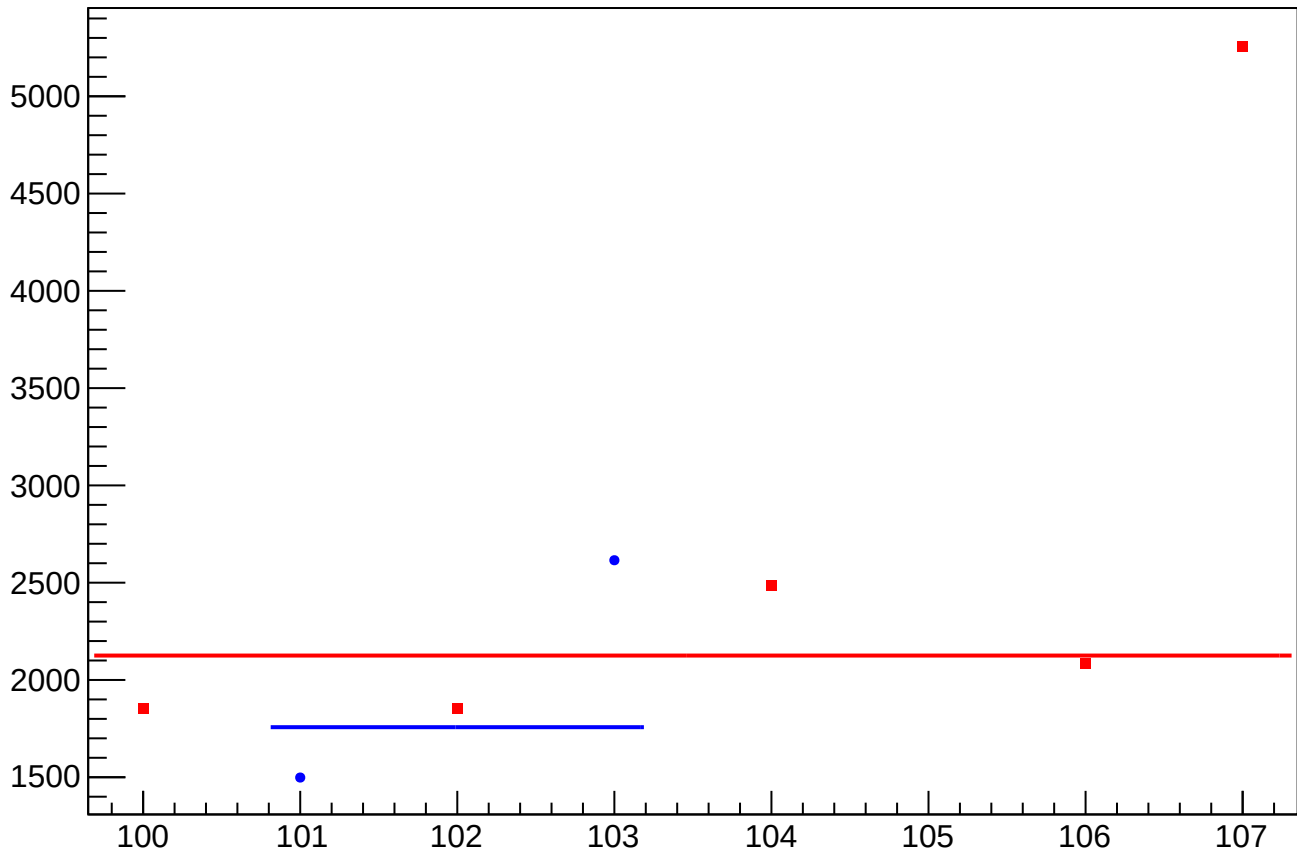
Right: 2500.020+/-1156.184 χ^2/NDF : 3.9/6

In: 2542.043+/-1619.654 χ^2/NDF :0.8/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2500.020+/-1156.184 χ^2/NDF : 3.9/6

asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1757.315+/-1.145 χ^2/NDF : 169347.9/1

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

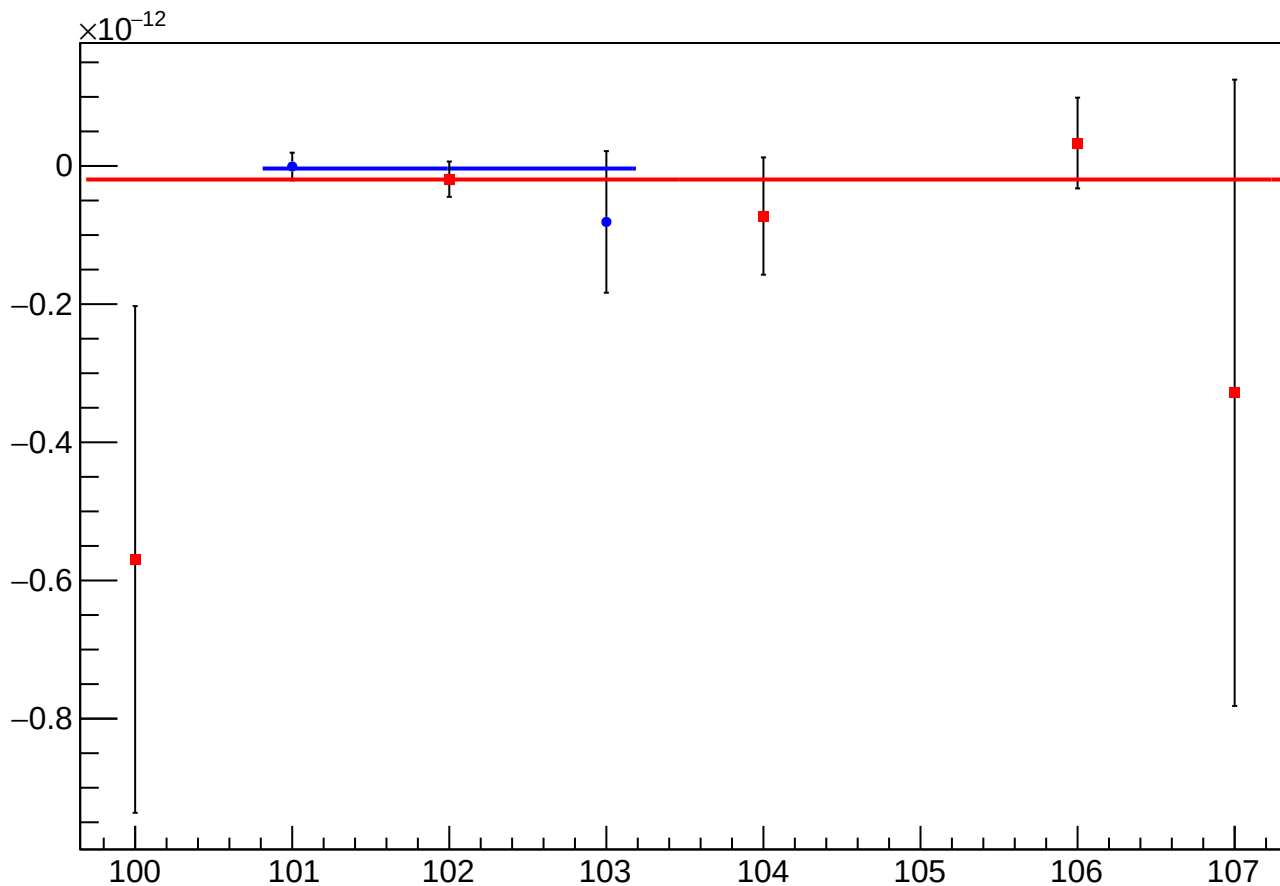
Right: 1937.859+/-0.818 χ^2/NDF : 441593.2/6

In: 1757.315+/-1.145 χ^2/NDF : 169347.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1937.859+/-0.818 χ^2/NDF : 441593.2/6

asym_usl_atl1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.6/1

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

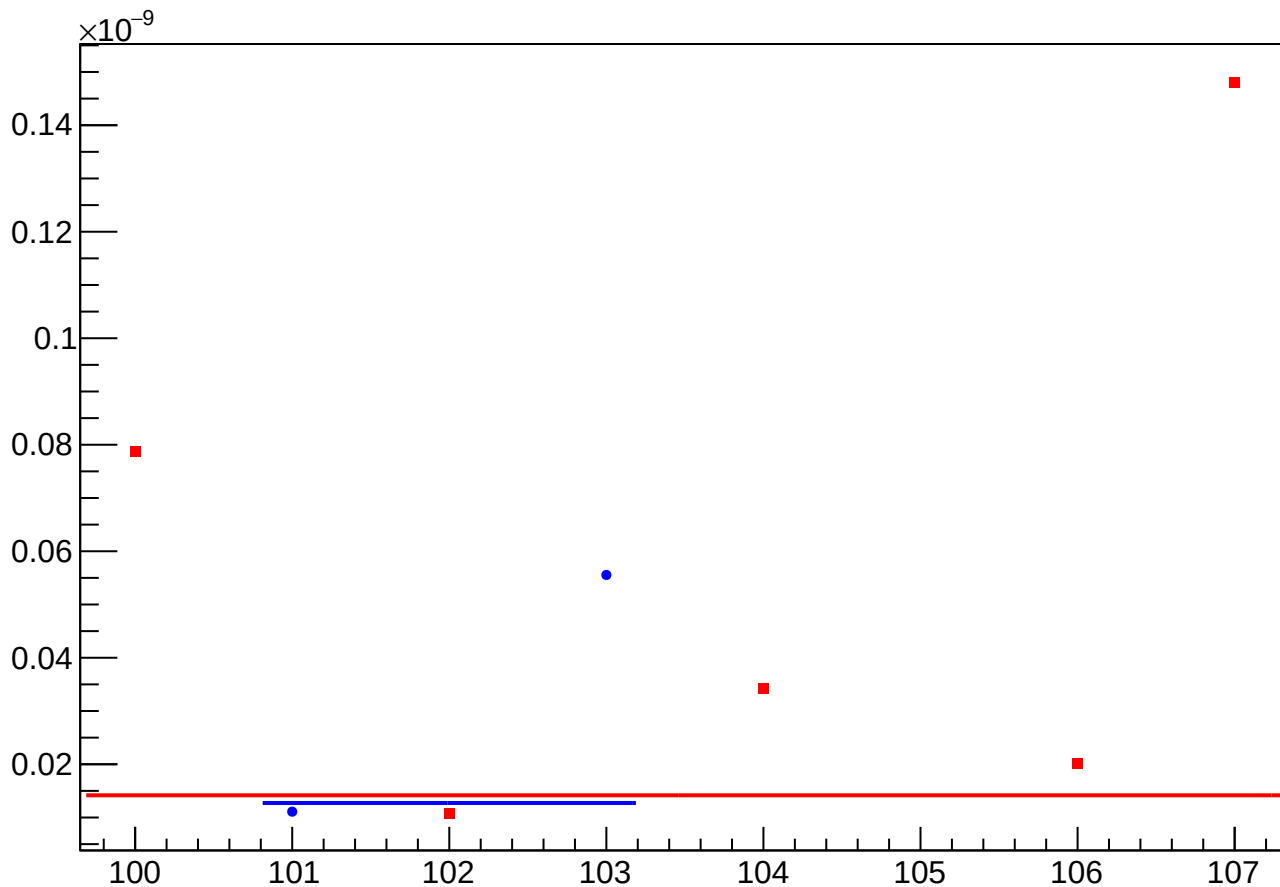
Right: -0.000+/-0.000 χ^2 /NDF: 4.6/6

In: -0.000+/-0.000 χ^2 /NDF:0.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 4.6/6

asym_usl_atl1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 362529.5/1

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

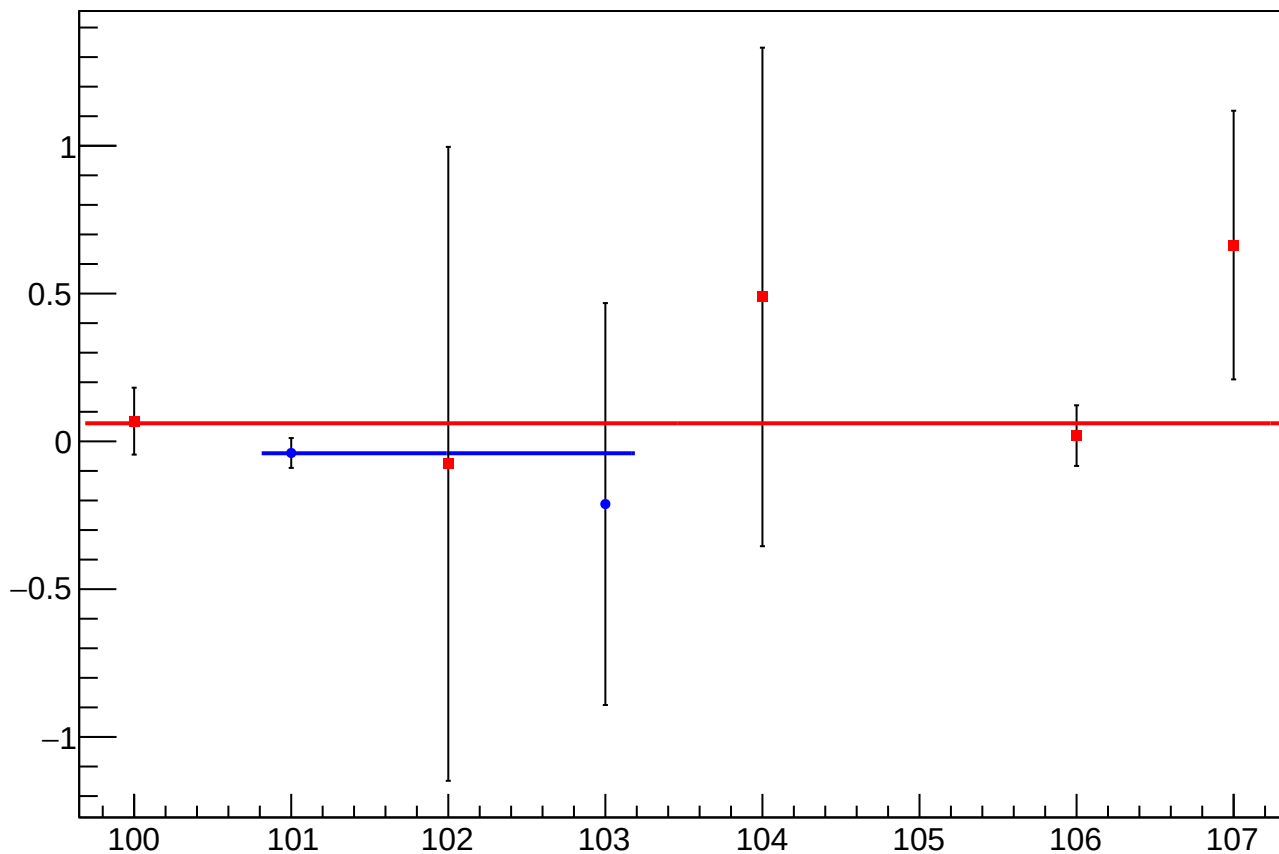
Right: 0.000+/-0.000 χ^2/NDF : 768222.5/6

In: 0.000+/-0.000 χ^2/NDF : 362529.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 768222.5/6

asym_usl_atl1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040 $\pm$ 0.050 χ^2 /NDF: 0.1/1

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

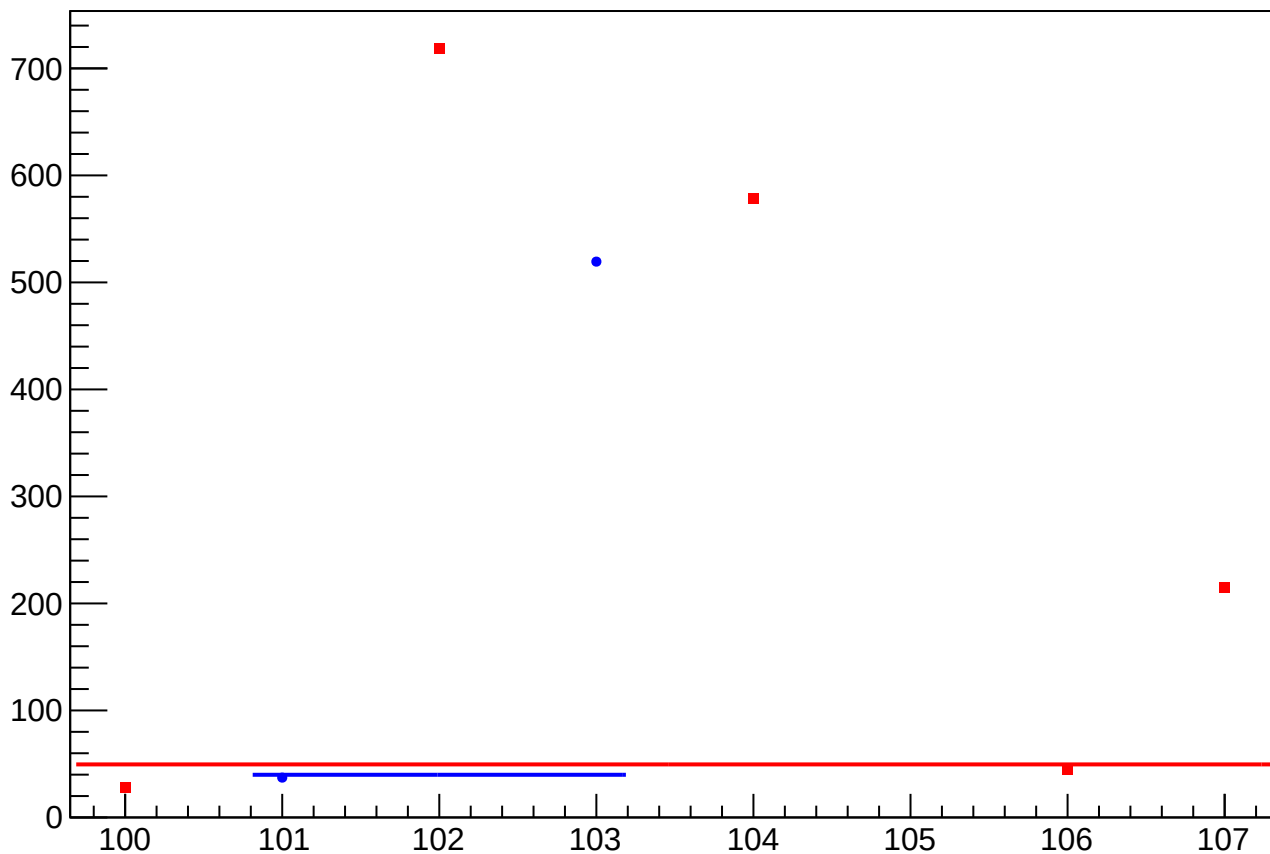
Right: -0.008 $\pm$ 0.042 χ^2 /NDF: 3.5/6

In: -0.040 $\pm$ 0.050 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.042 χ^2 /NDF: 3.5/6

asym_usl_atl1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.880+/-0.036 χ^2/NDF : 1000532.3/1

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

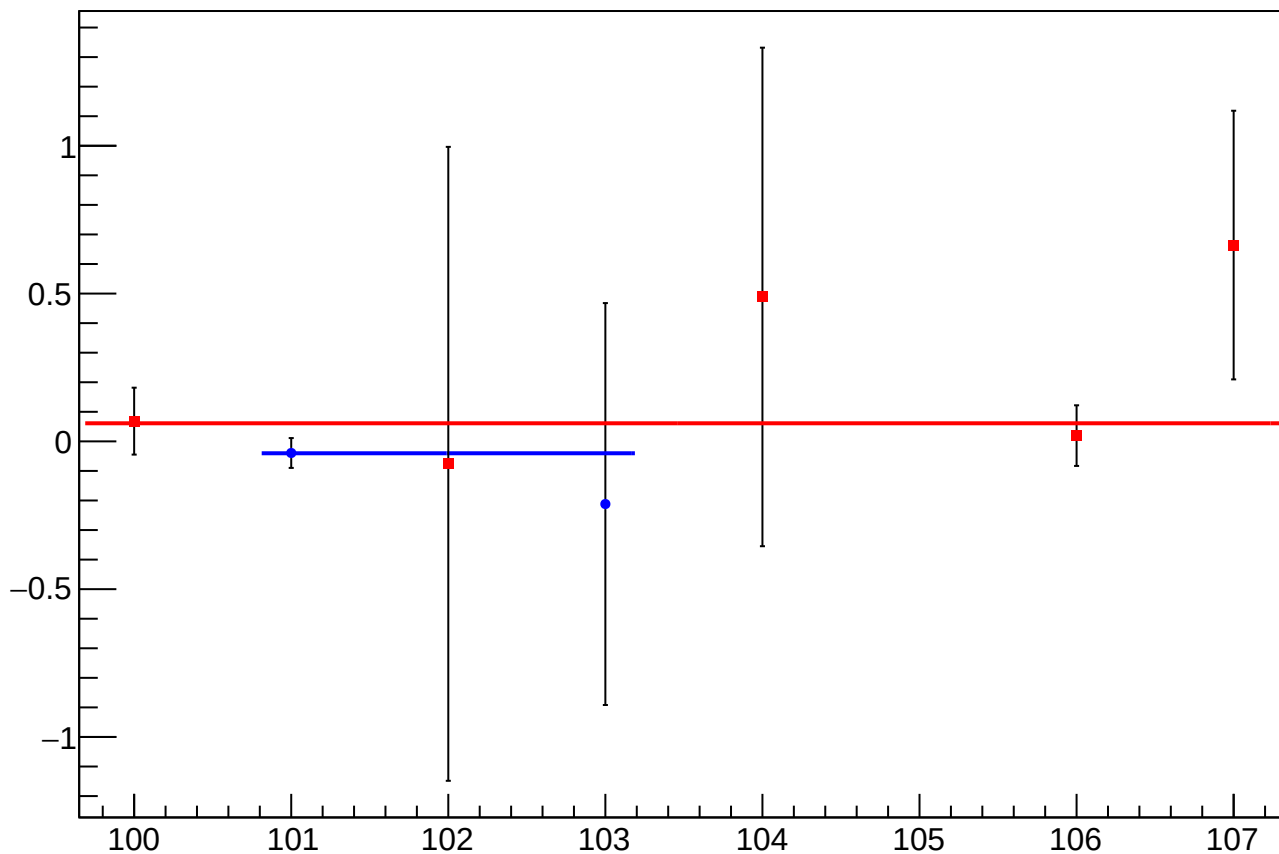
Right: 42.921+/-0.029 χ^2/NDF : 2930593.0/6

In: 39.880+/-0.036 χ^2/NDF : 1000532.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.921+/-0.029 χ^2/NDF : 2930593.0/6

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040 $\pm$ 0.050 χ^2 /NDF: 0.1/1

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

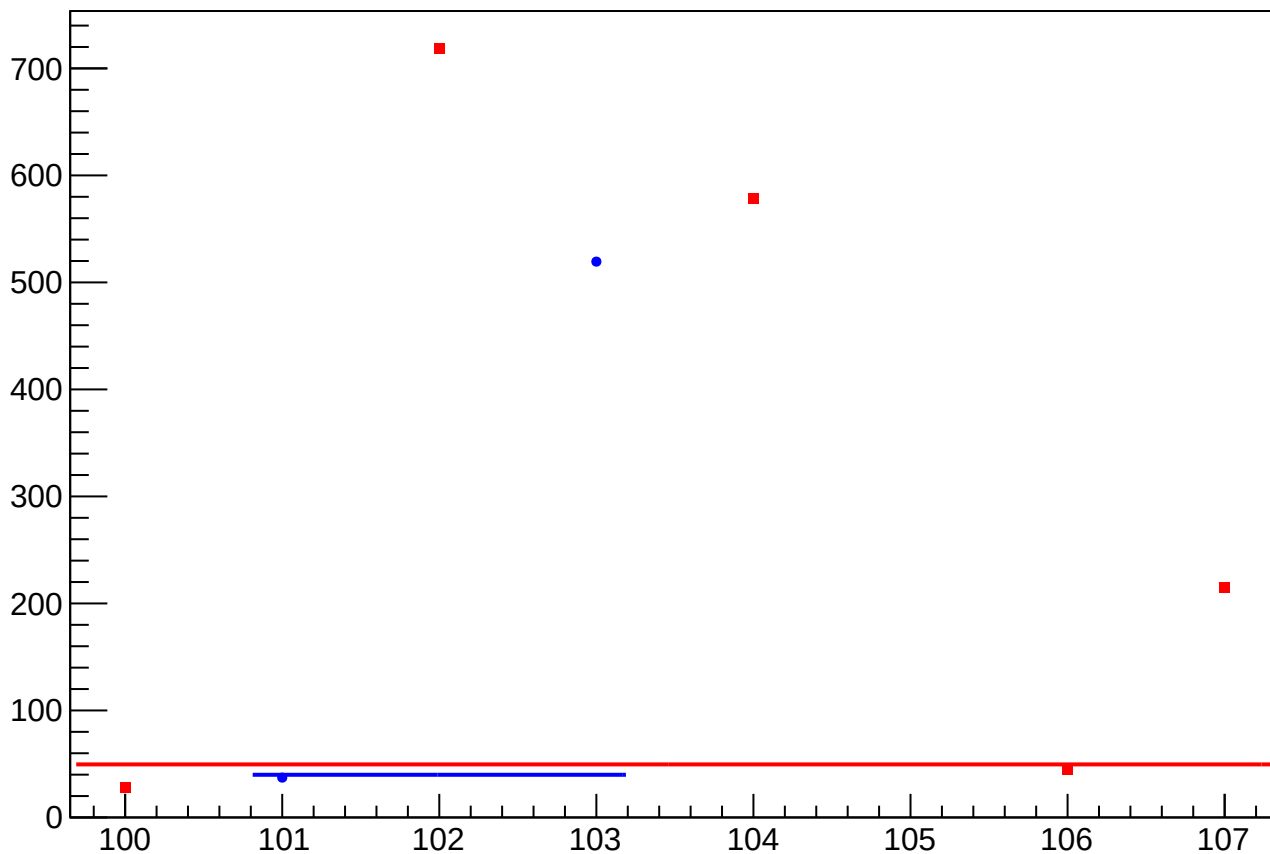
Right: -0.008 $\pm$ 0.042 χ^2 /NDF: 3.5/6

In: -0.040 $\pm$ 0.050 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.042 χ^2 /NDF: 3.5/6

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.880+/-0.036 χ^2/NDF : 1000532.3/1

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

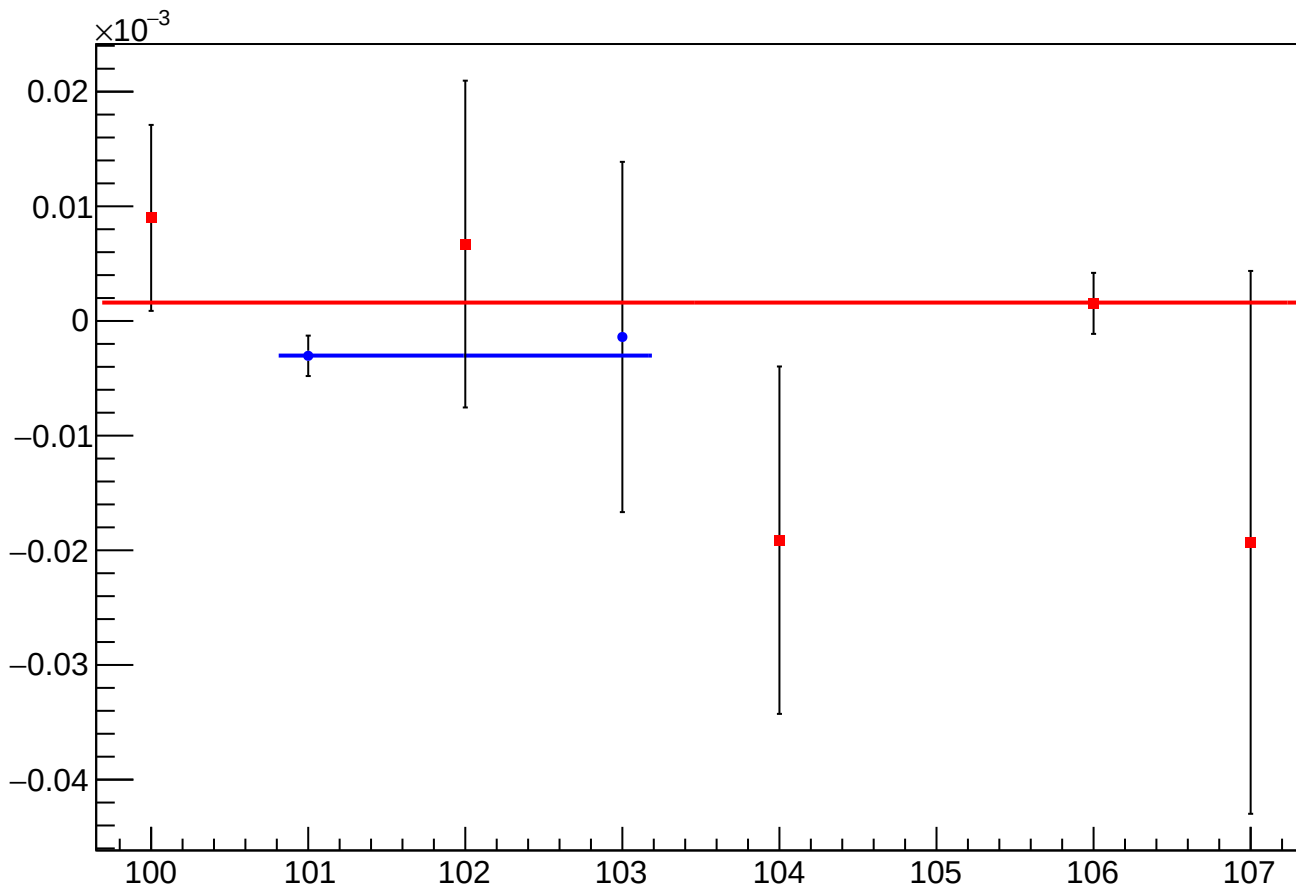
Right: 42.921+/-0.029 χ^2/NDF : 2930593.0/6

In: 39.880+/-0.036 χ^2/NDF : 1000532.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.921+/-0.029 χ^2/NDF : 2930593.0/6

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/1

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

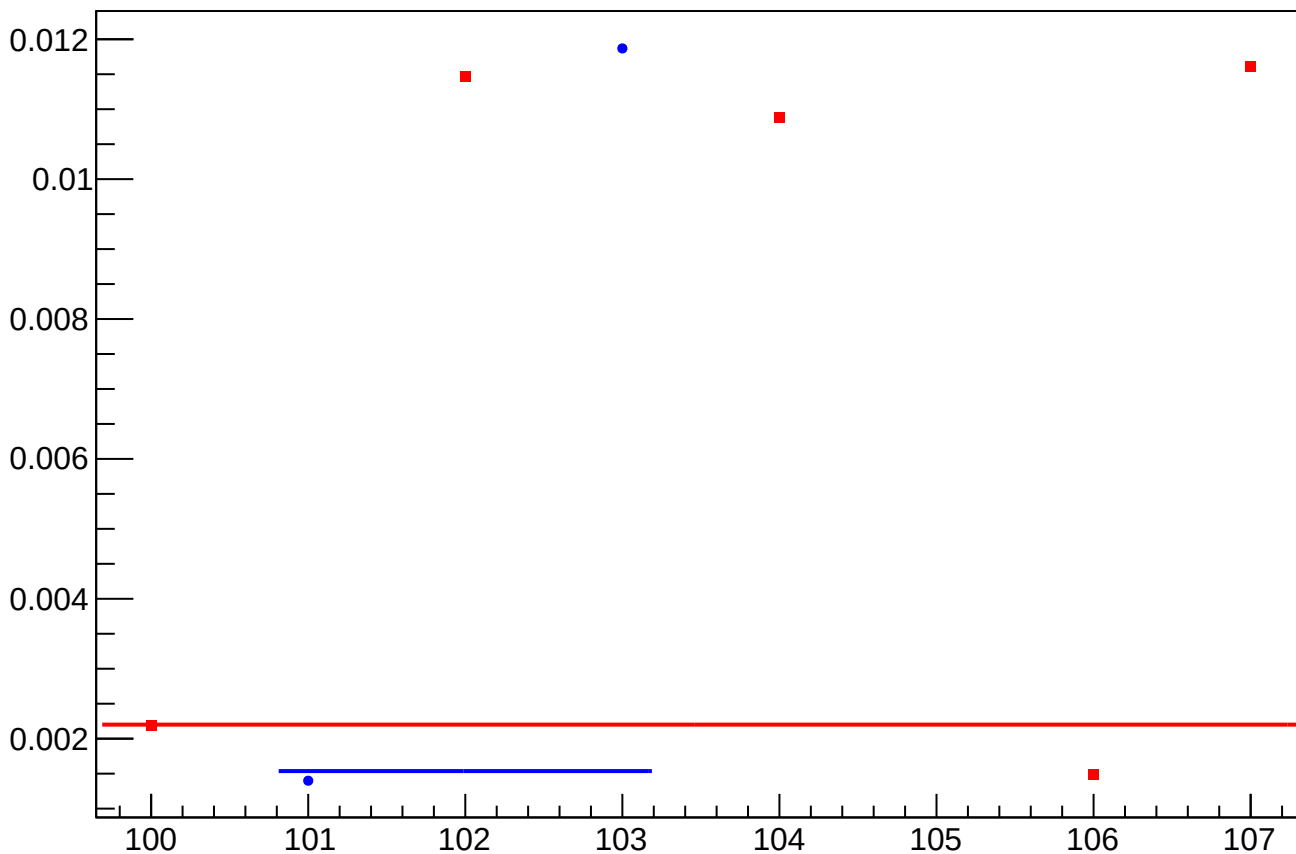
Right: -0.000+/-0.000 χ^2/NDF : 6.0/6

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.0/6

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 927397.8/1

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

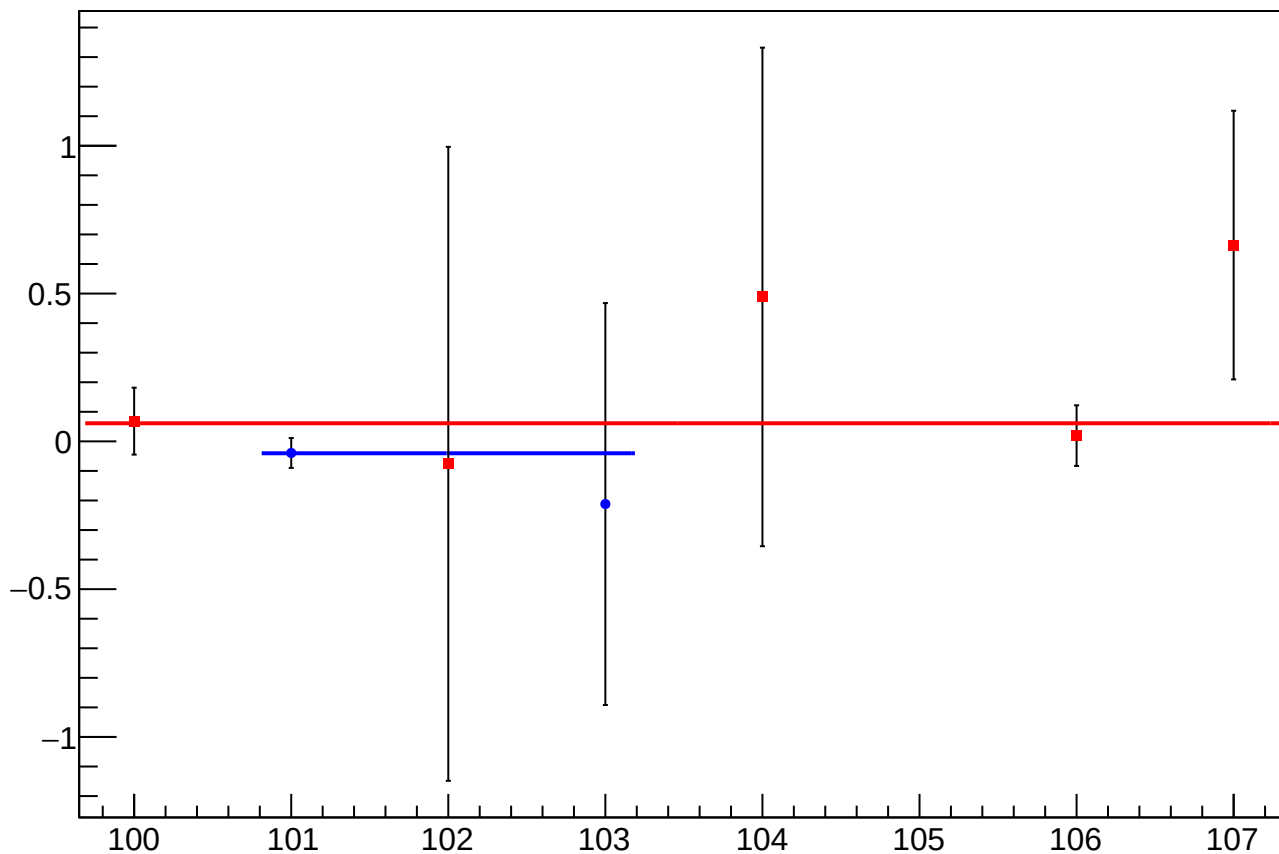
Right: 0.002+/-0.000 χ^2/NDF : 2985228.4/6

In: 0.002+/-0.000 χ^2/NDF : 927397.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2985228.4/6

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040 $\pm$ 0.050 χ^2 /NDF: 0.1/1

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

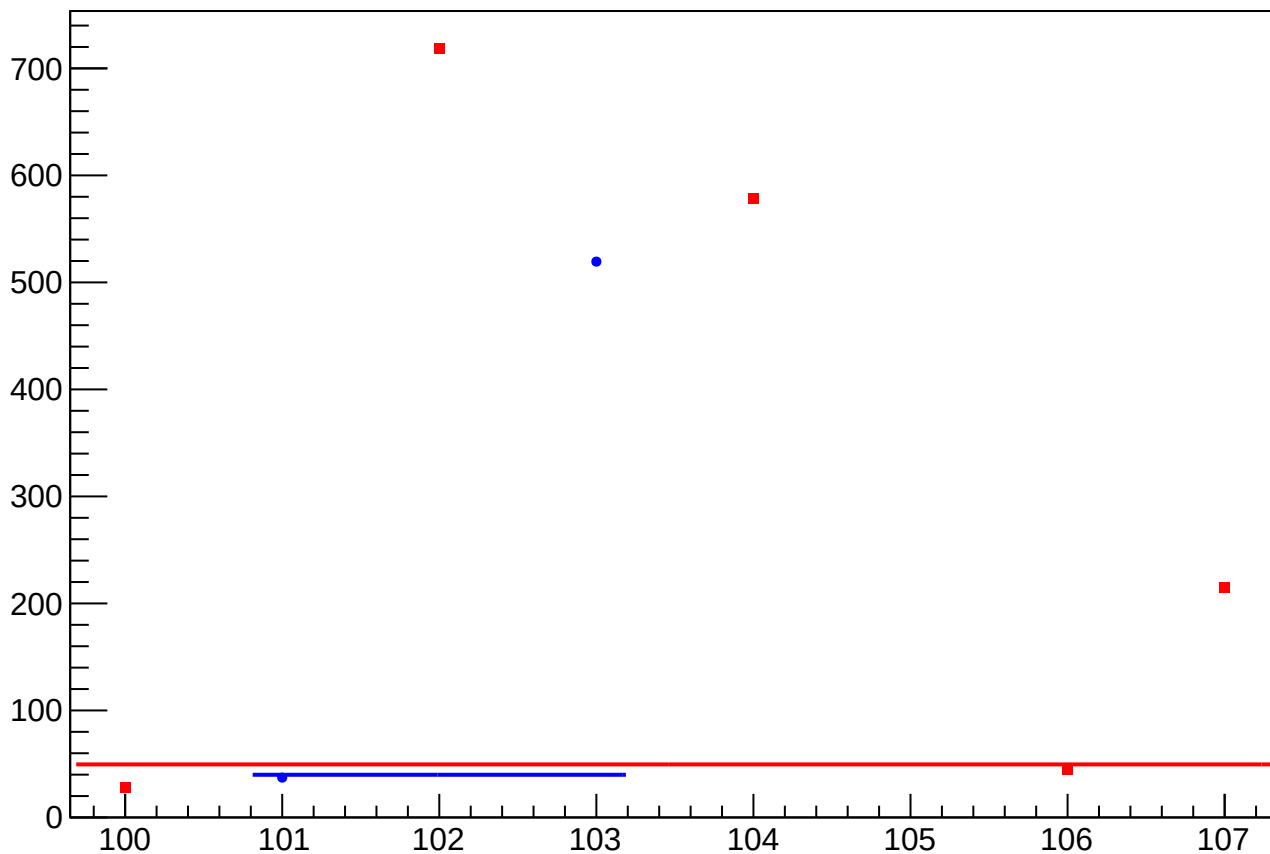
Right: -0.008 $\pm$ 0.042 χ^2 /NDF: 3.5/6

In: -0.040 $\pm$ 0.050 χ^2 /NDF: 0.1/1

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

All: -0.008 $\pm$ 0.042 χ^2 /NDF: 3.5/6

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.881+/-0.036 χ^2/NDF : 1000526.6/1

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

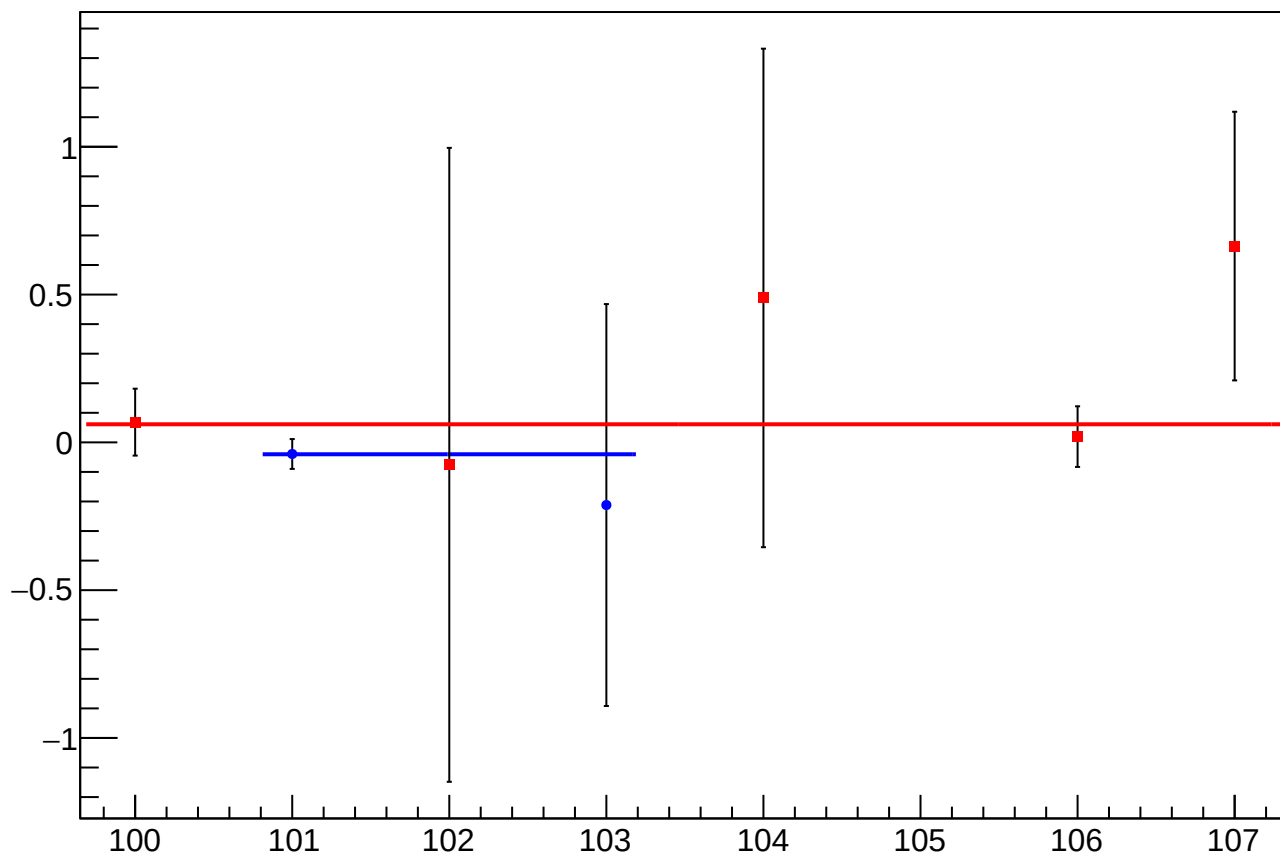
Right: 42.921+/-0.029 χ^2/NDF : 2930572.6/6

In: 39.881+/-0.036 χ^2/NDF : 1000526.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.921+/-0.029 χ^2/NDF : 2930572.6/6

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040 $\pm$ 0.050 χ^2 /NDF: 0.1/1

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

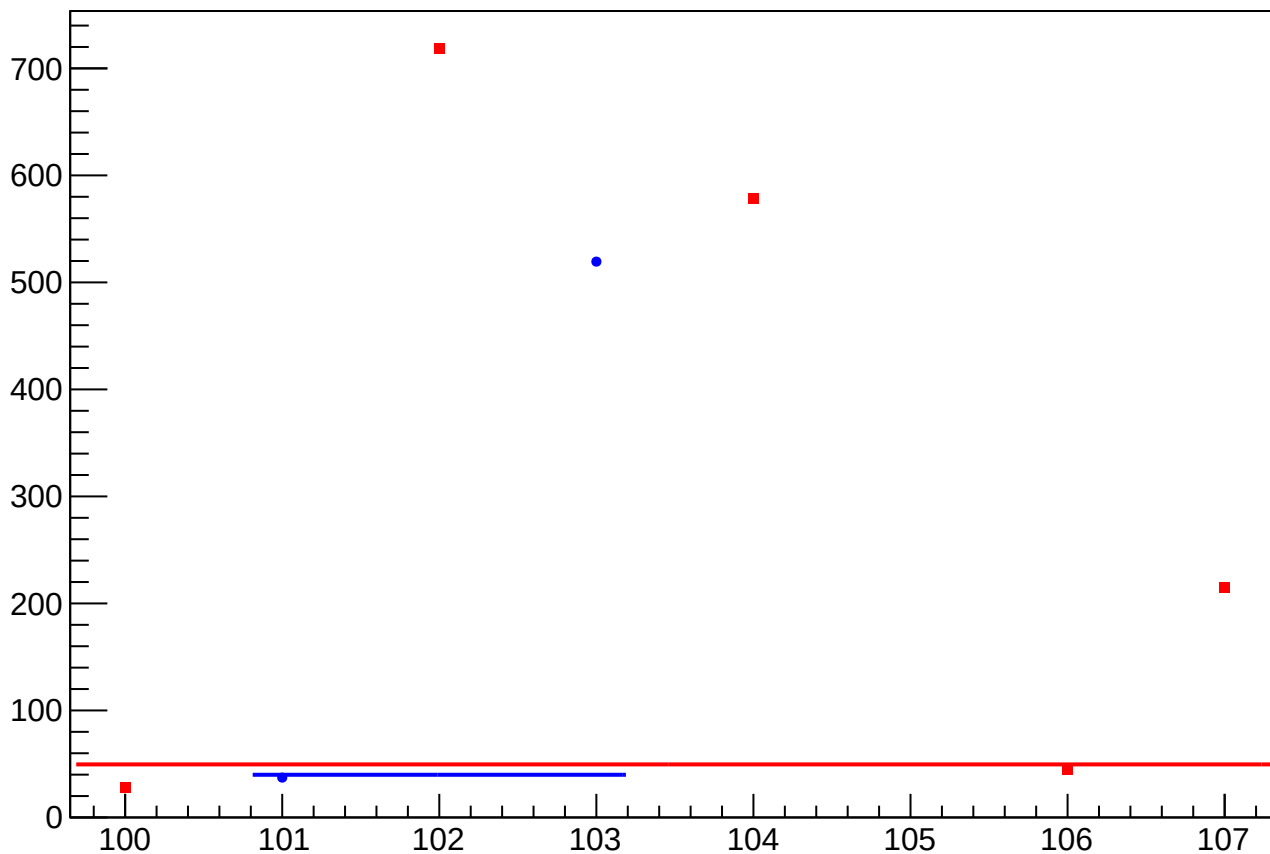
Right: -0.008 $\pm$ 0.042 χ^2 /NDF: 3.5/6

In: -0.040 $\pm$ 0.050 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.042 χ^2 /NDF: 3.5/6

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.881+/-0.036 χ^2/NDF : 1000526.6/1

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

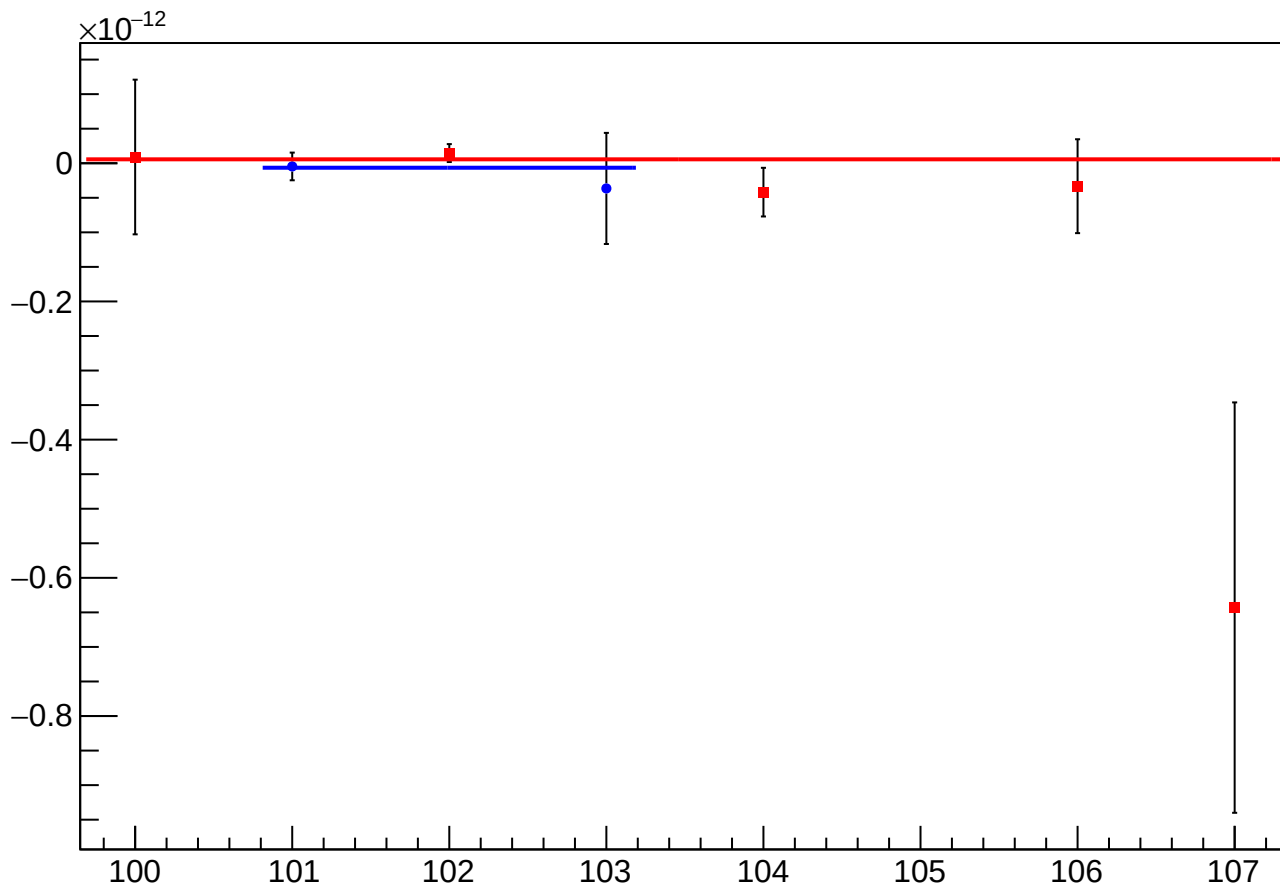
Right: 42.921+/-0.029 χ^2/NDF : 2930572.6/6

In: 39.881+/-0.036 χ^2/NDF : 1000526.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.921+/-0.029 χ^2/NDF : 2930572.6/6

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.1/1

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

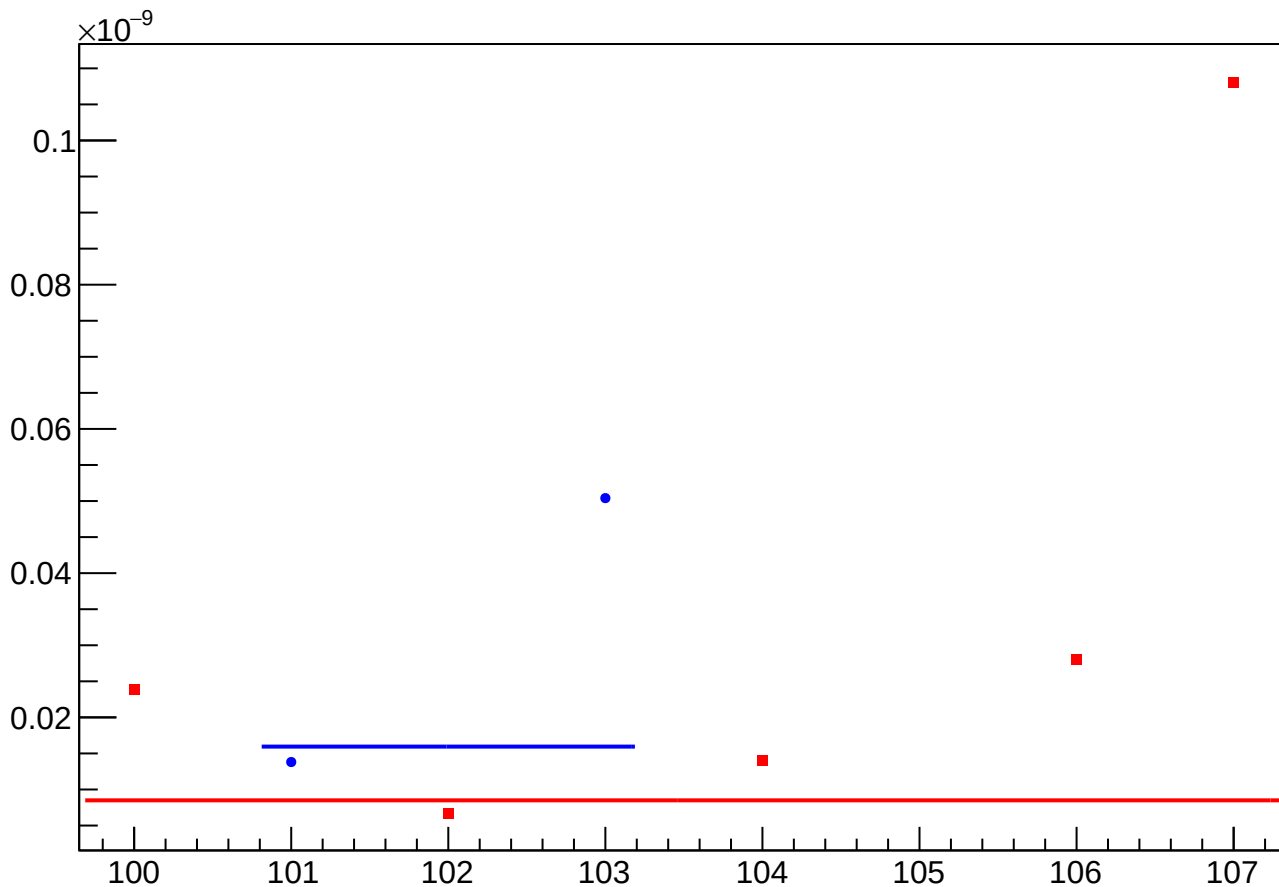
Right: 0.000+/-0.000 χ^2 /NDF: 7.8/6

In: -0.000+/-0.000 χ^2 /NDF:0.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 7.8/6

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 390103.6/1

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

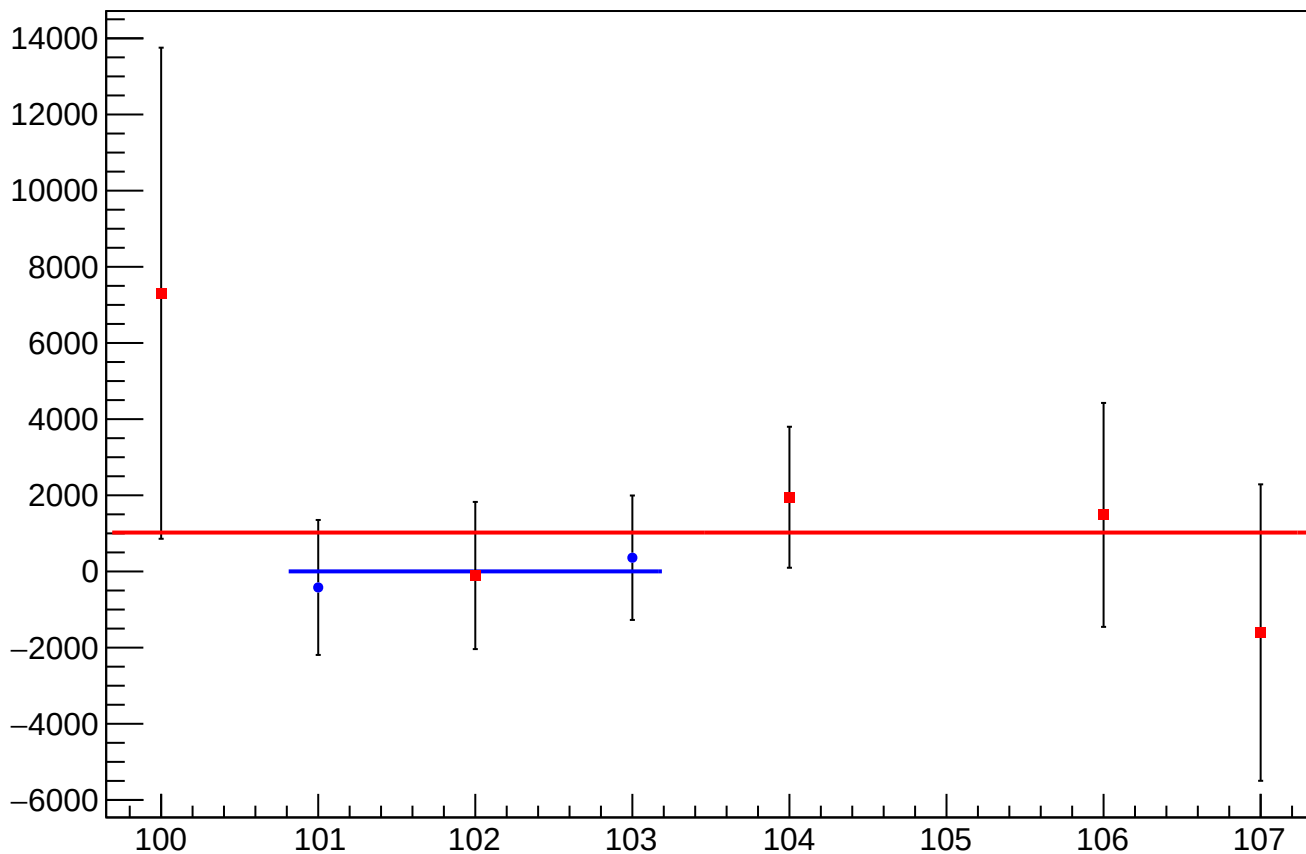
Right: 0.000+/-0.000 χ^2/NDF : 1121577.8/6

In: 0.000+/-0.000 χ^2/NDF : 390103.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1121577.8/6

reg_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 2.211+/-1201.194 χ^2/NDF : 0.1/1

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

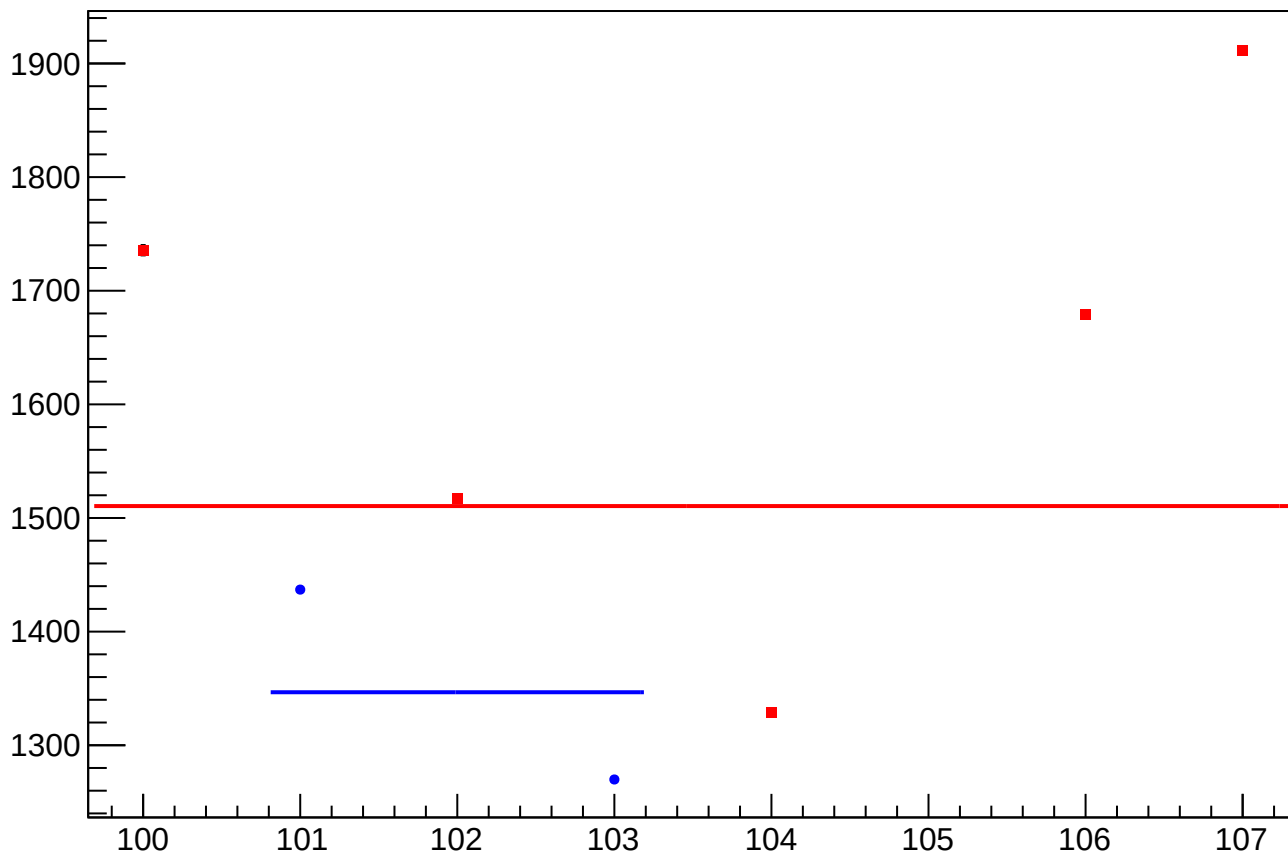
Right: 537.189+/-828.072 χ^2/NDF : 2.5/6

In: 2.211+/-1201.194 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 537.189+/-828.072 χ^2/NDF : 2.5/6

reg_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1346.646 $\pm$ 0.849 χ^2 /NDF: 9613.4/1

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

Right Out: 1510.496 $\pm$ 0.808 χ^2 /NDF: 49516.7/4

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

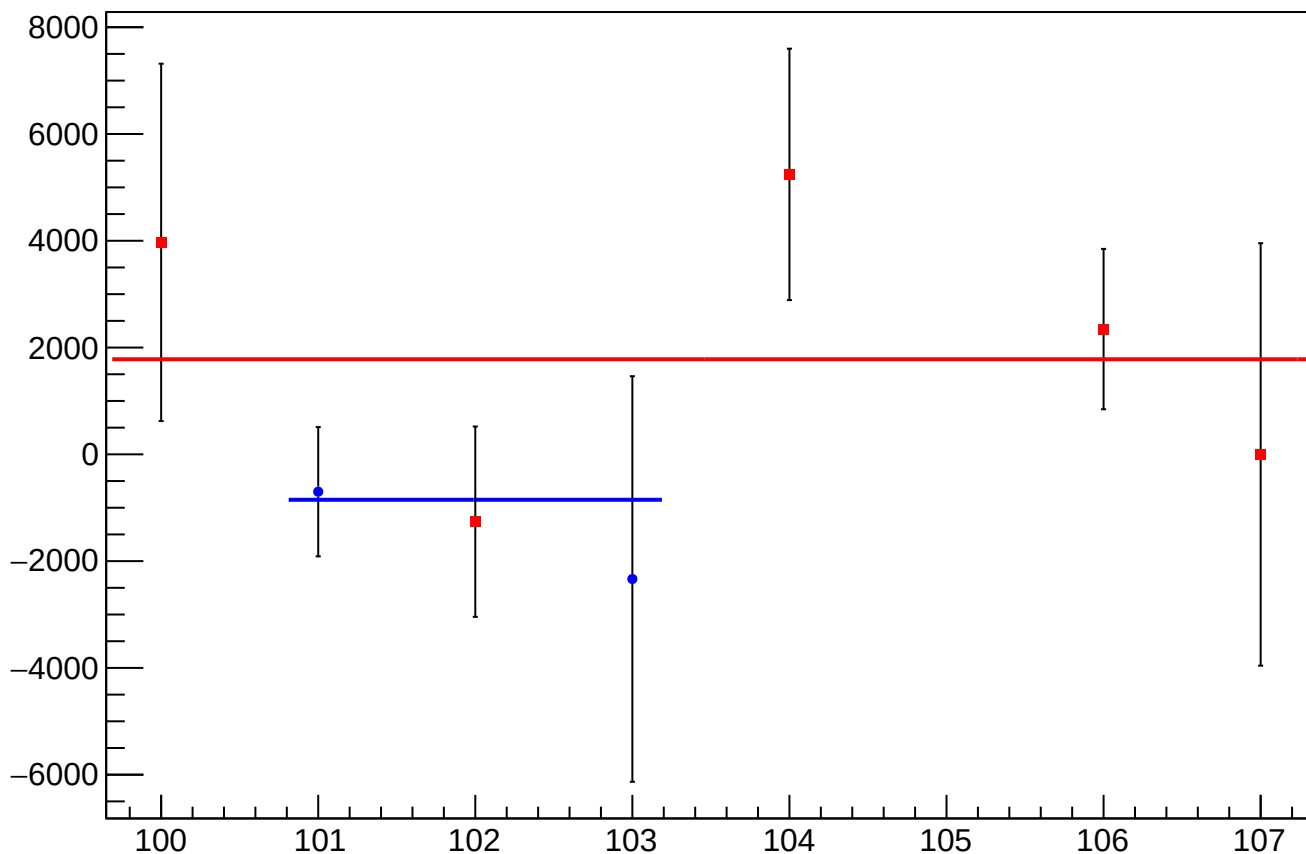
Right: 1432.629 $\pm$ 0.586 χ^2 /NDF: 78658.1/6

In: 1346.646 $\pm$ 0.849 χ^2 /NDF:9613.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1432.629 $\pm$ 0.586 χ^2 /NDF: 78658.1/6

asym_usl_atl1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -850.929+/-1153.736 χ^2/NDF : 0.2/1

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

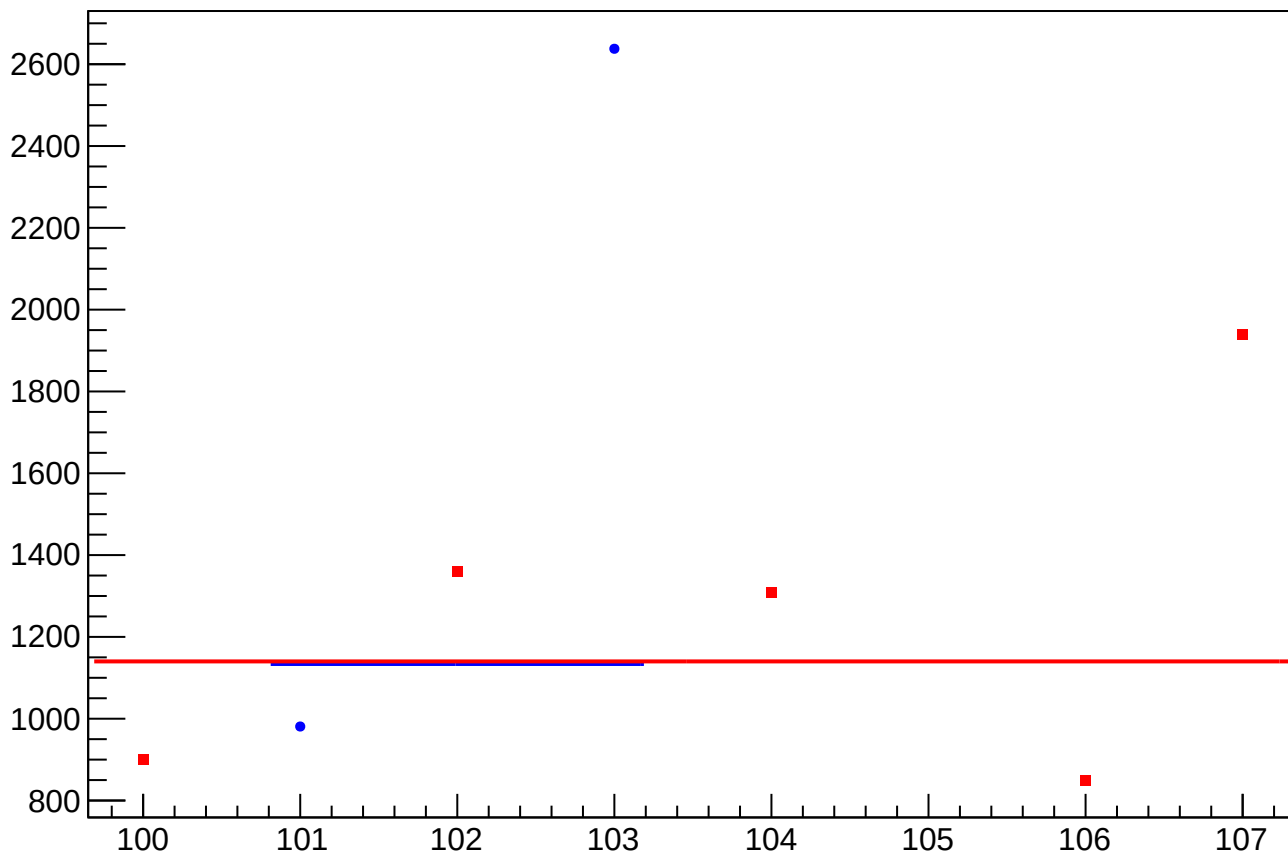
Right: 707.988+/-736.600 χ^2/NDF : 9.1/6

In: -850.929+/-1153.736 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 707.988+/-736.600 χ^2/NDF : 9.1/6

asym_usl_atl1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1133.812 $\pm$ 0.816 χ^2 /NDF: 345467.6/1

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

Right Out: 1140.079 $\pm$ 0.677 χ^2 /NDF: 207130.8/4

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

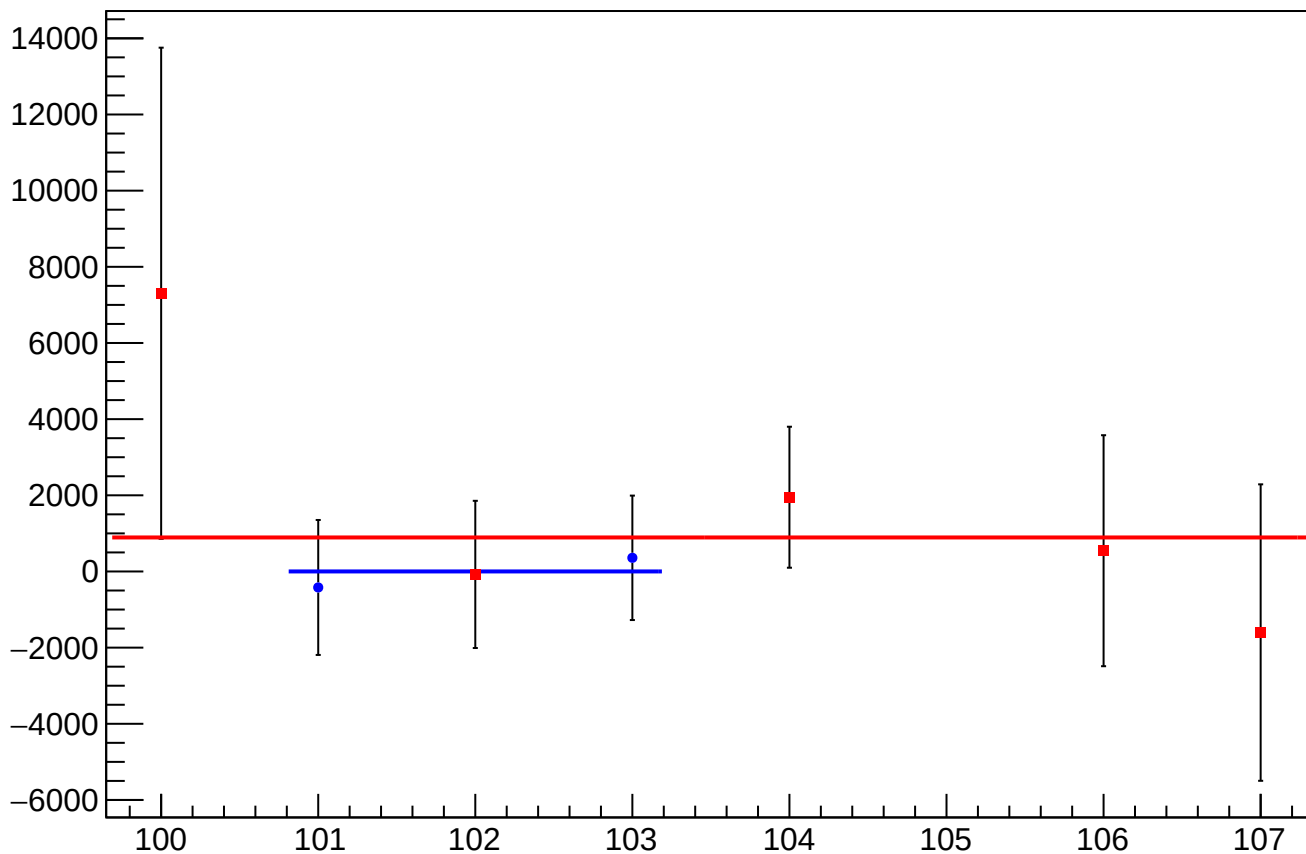
Right: 1137.524 $\pm$ 0.521 χ^2 /NDF: 552633.3/6

In: 1133.812 $\pm$ 0.816 χ^2 /NDF:345467.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1137.524 $\pm$ 0.521 χ^2 /NDF: 552633.3/6

cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 0.896+/-1201.194 χ^2/NDF : 0.1/1

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

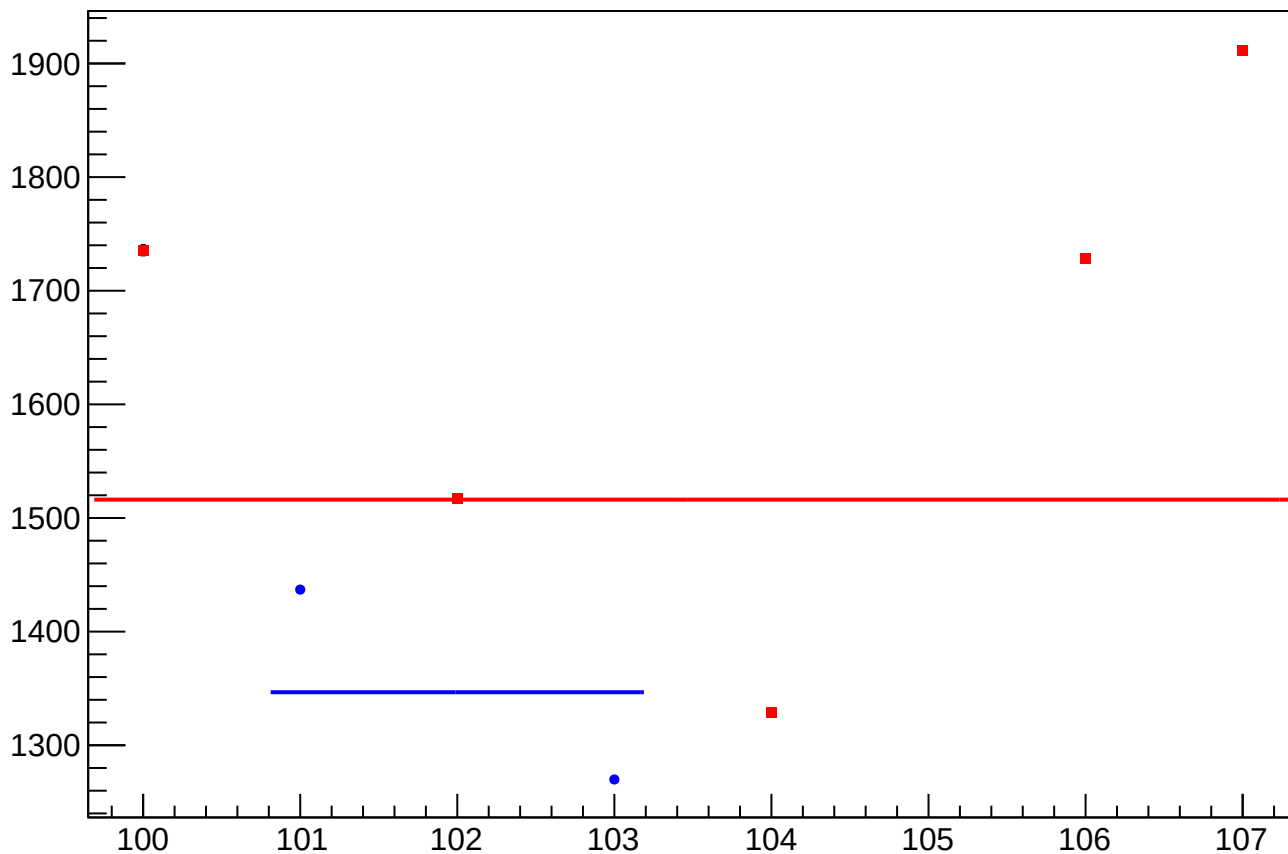
Right: 467.063+/-830.067 χ^2/NDF : 2.4/6

In: 0.896+/-1201.194 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 467.063+/-830.067 χ^2/NDF : 2.4/6

cor_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1346.647+/-0.849 χ^2/NDF : 9613.3/1

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

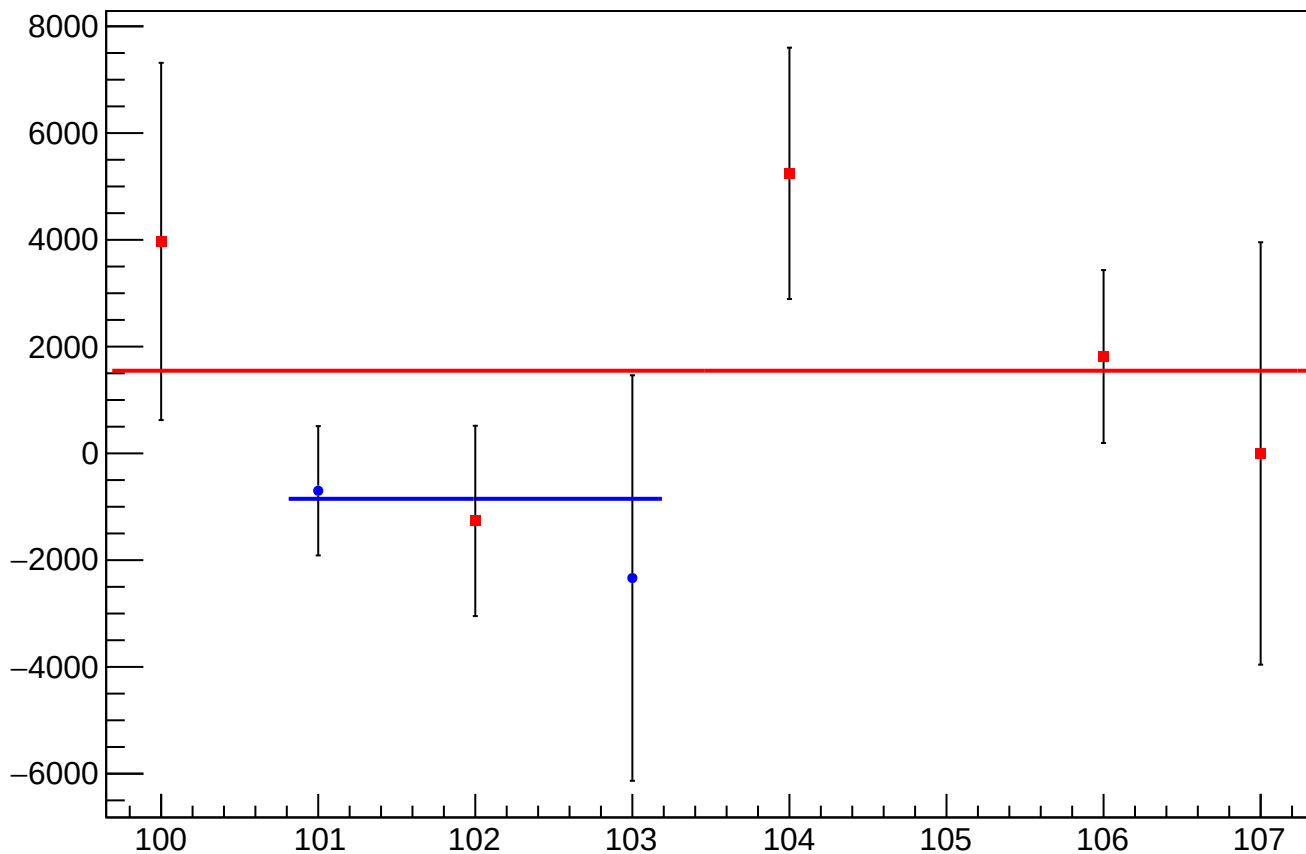
Right: 1435.208+/-0.587 χ^2/NDF : 83680.5/6

In: 1346.647+/-0.849 χ^2/NDF : 9613.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1435.208+/-0.587 χ^2/NDF : 83680.5/6

asym_usl_atl1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -851.038+/-1153.728 χ^2/NDF : 0.2/1

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

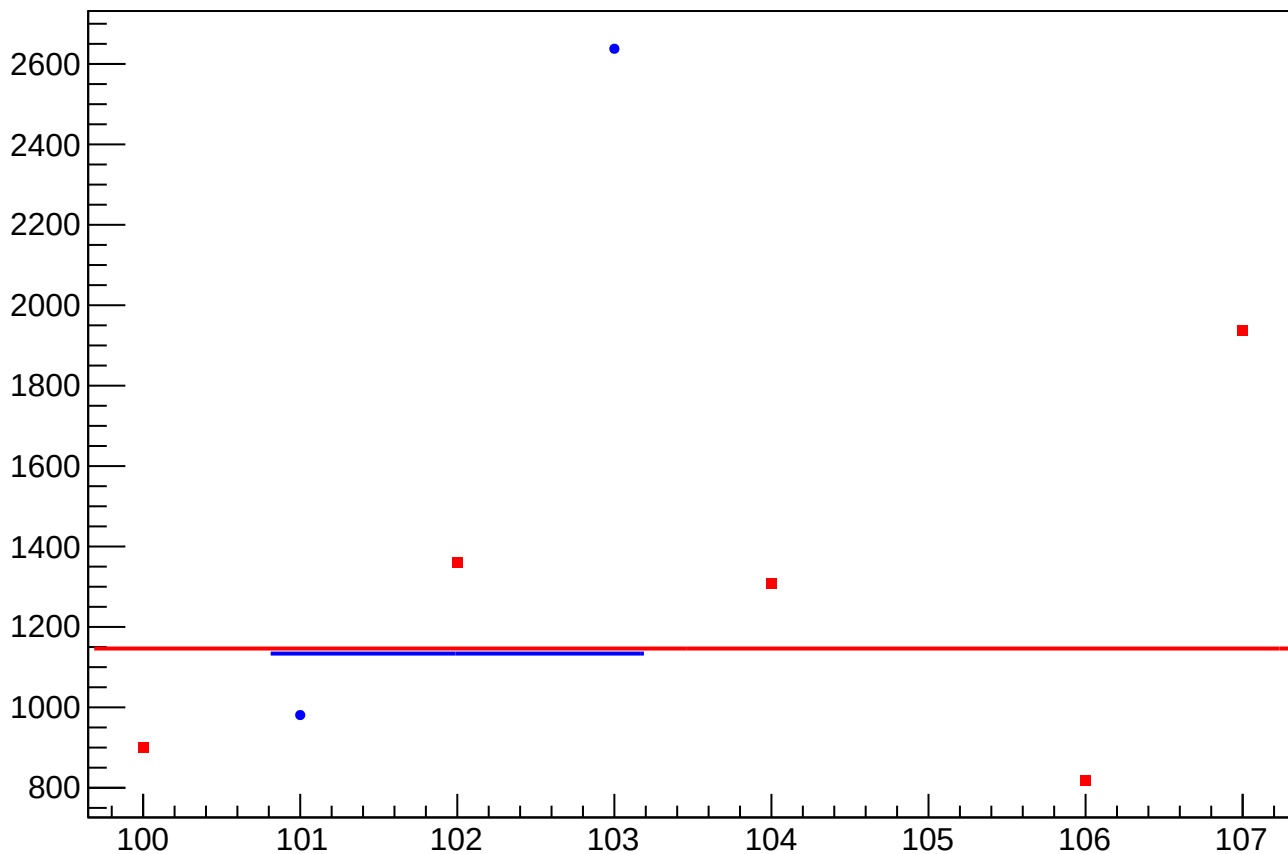
Right: 536.127+/-749.355 χ^2/NDF : 8.3/6

In: -851.038+/-1153.728 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 536.127+/-749.355 χ^2/NDF : 8.3/6

asym_usl_atl1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1133.791+/-0.816 χ^2/NDF : 345480.8/1

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

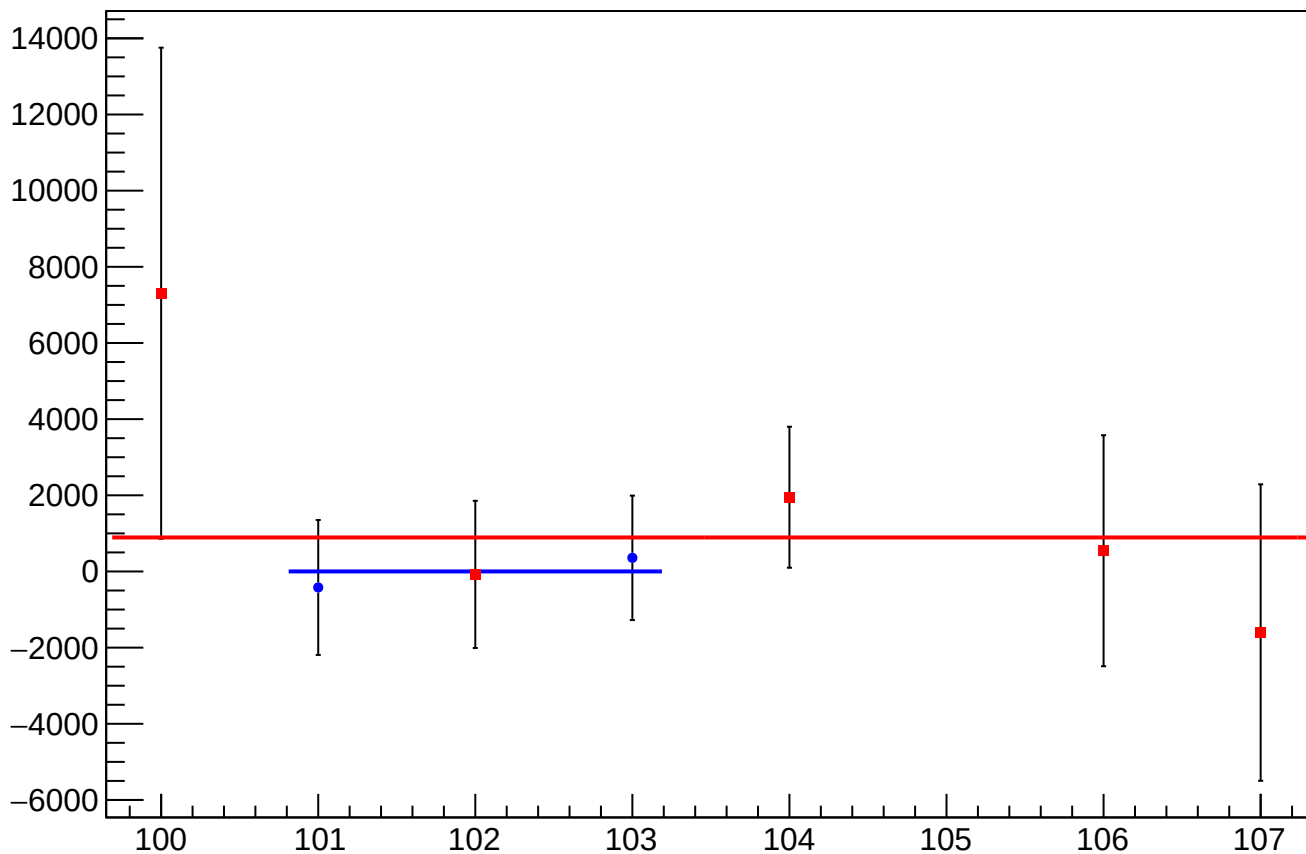
Right: 1141.040+/-0.530 χ^2/NDF : 556570.8/6

In: 1133.791+/-0.816 χ^2/NDF : 345480.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1141.040+/-0.530 χ^2/NDF : 556570.8/6

eigen_cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 0.896+/-1201.194 χ^2/NDF : 0.1/1

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

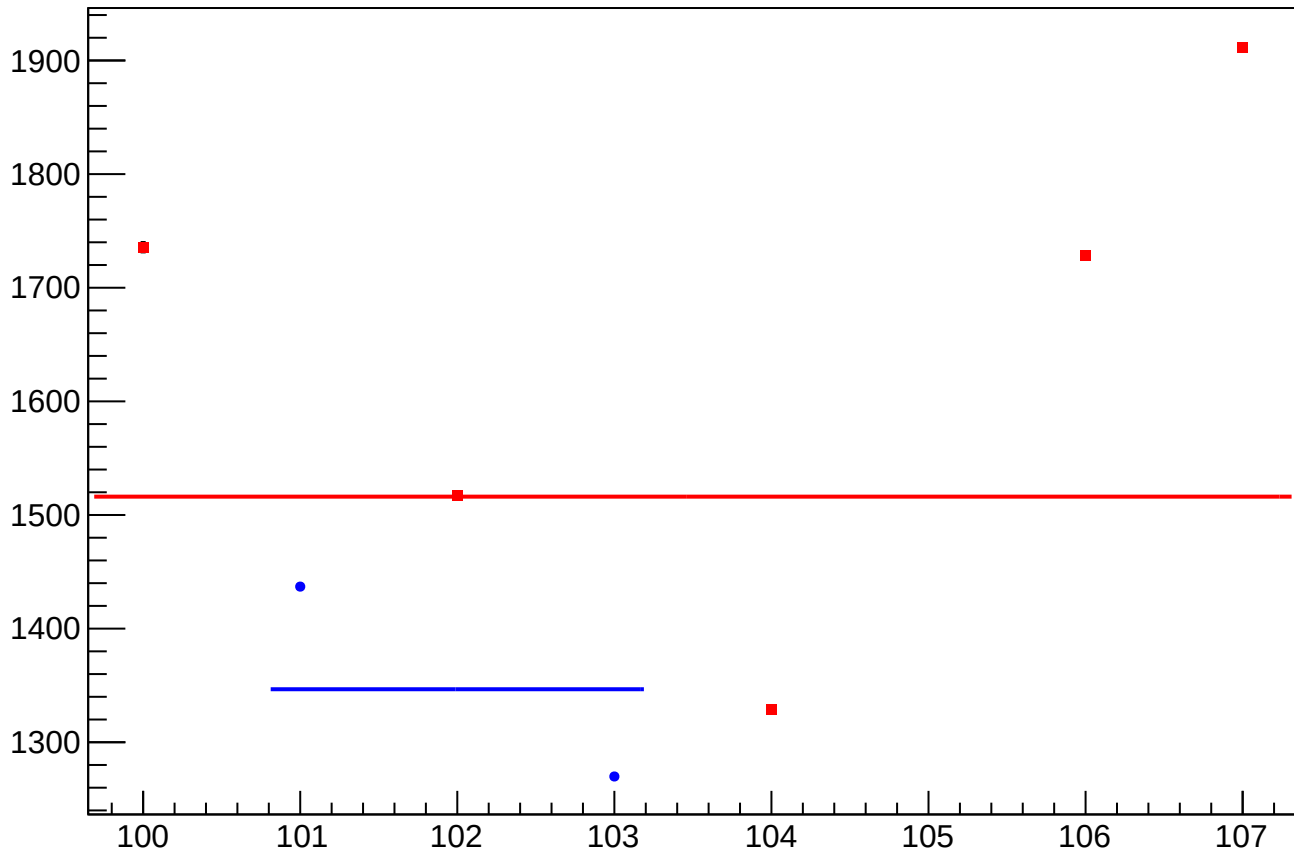
Right: 467.063+/-830.067 χ^2/NDF : 2.4/6

In: 0.896+/-1201.194 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 467.063+/-830.067 χ^2/NDF : 2.4/6

eigen_cor_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1346.647+/-0.849 χ^2/NDF : 9613.3/1

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

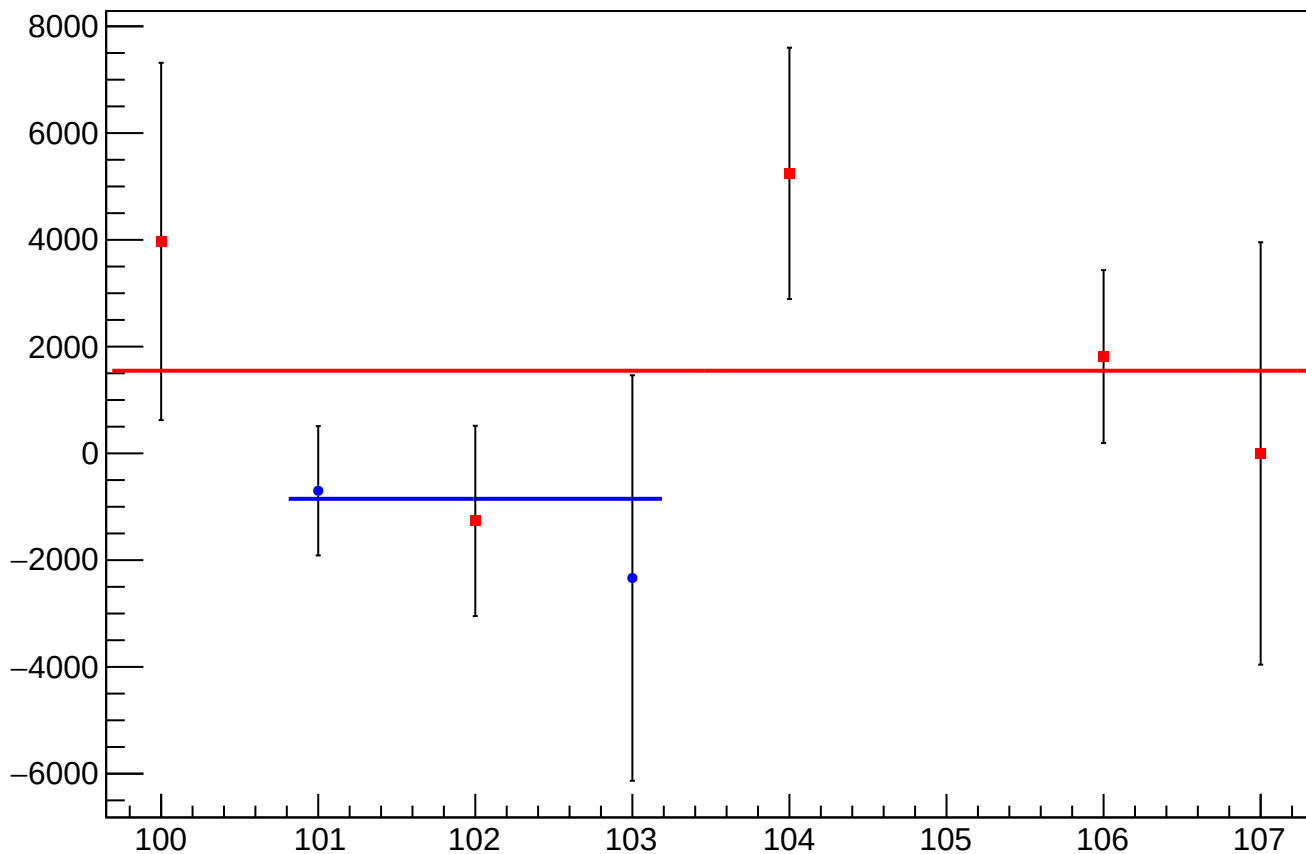
Right: 1435.208+/-0.587 χ^2/NDF : 83680.5/6

In: 1346.647+/-0.849 χ^2/NDF : 9613.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1435.208+/-0.587 χ^2/NDF : 83680.5/6

asym_usl_atl1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -851.038+/-1153.728 χ^2/NDF : 0.2/1

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

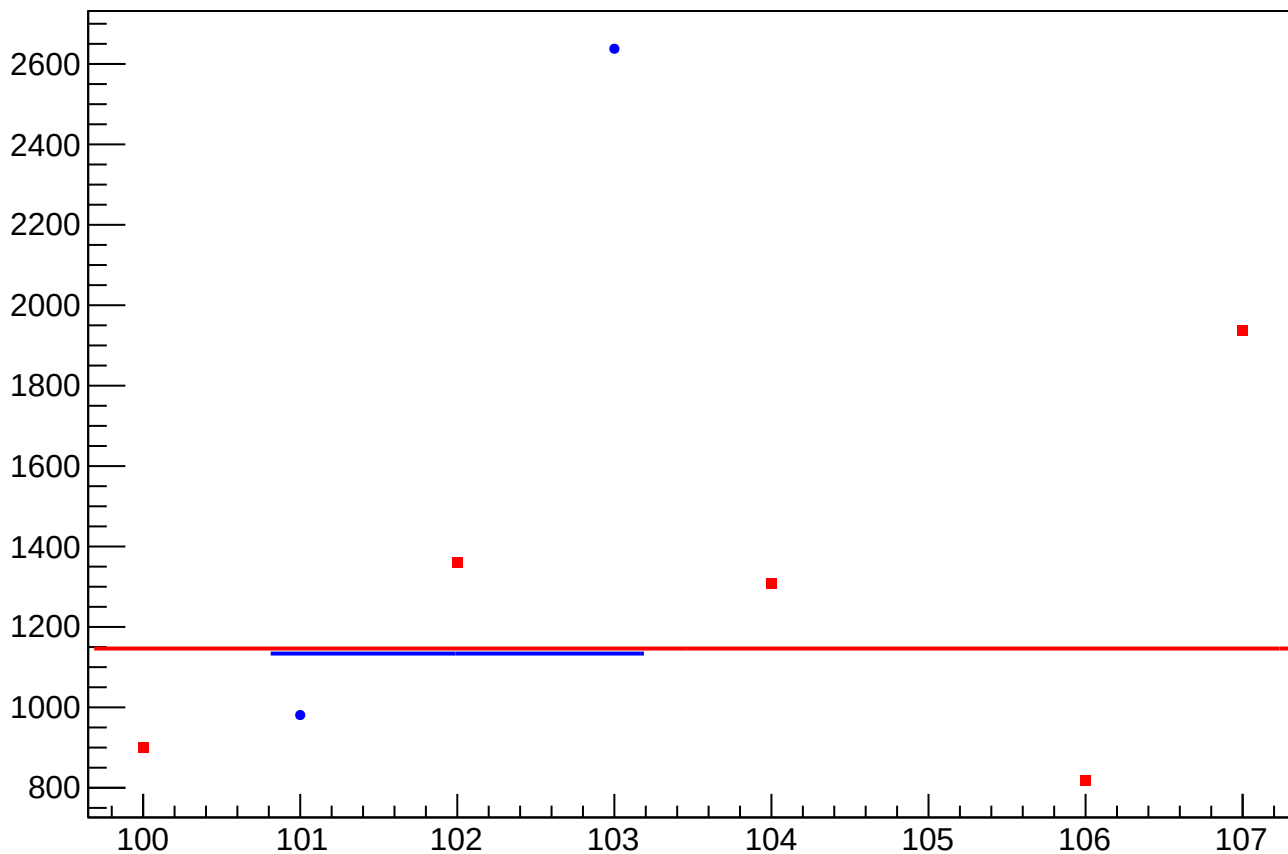
Right: 536.127+/-749.355 χ^2/NDF : 8.3/6

In: -851.038+/-1153.728 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 536.127+/-749.355 χ^2/NDF : 8.3/6

asym_usl_atl1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1133.791+/-0.816 χ^2/NDF : 345480.8/1

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

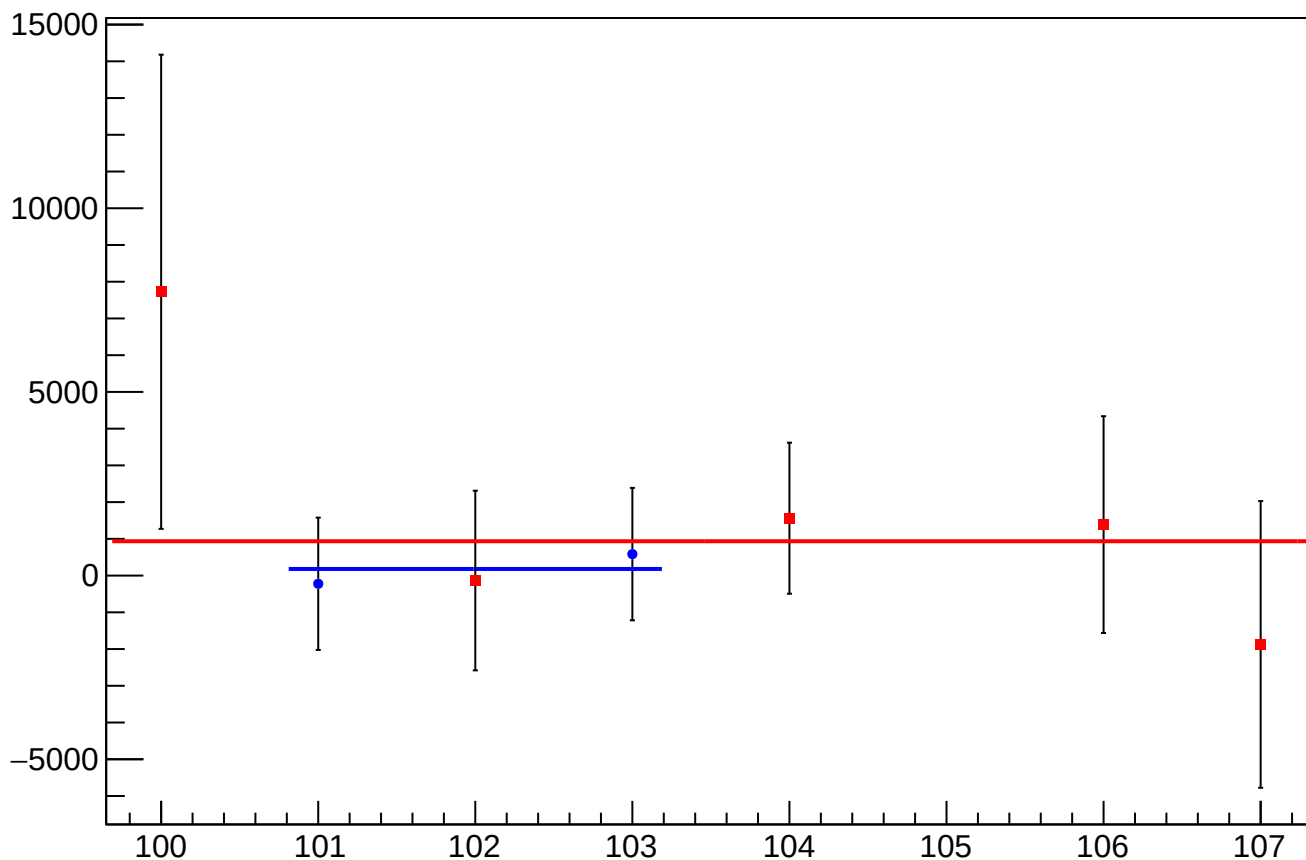
Right: 1141.040+/-0.530 χ^2/NDF : 556570.8/6

In: 1133.791+/-0.816 χ^2/NDF : 345480.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1141.040+/-0.530 χ^2/NDF : 556570.8/6

dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 180.495+/-1274.149 χ^2/NDF : 0.1/1

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

Right Out: 935.029+/-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

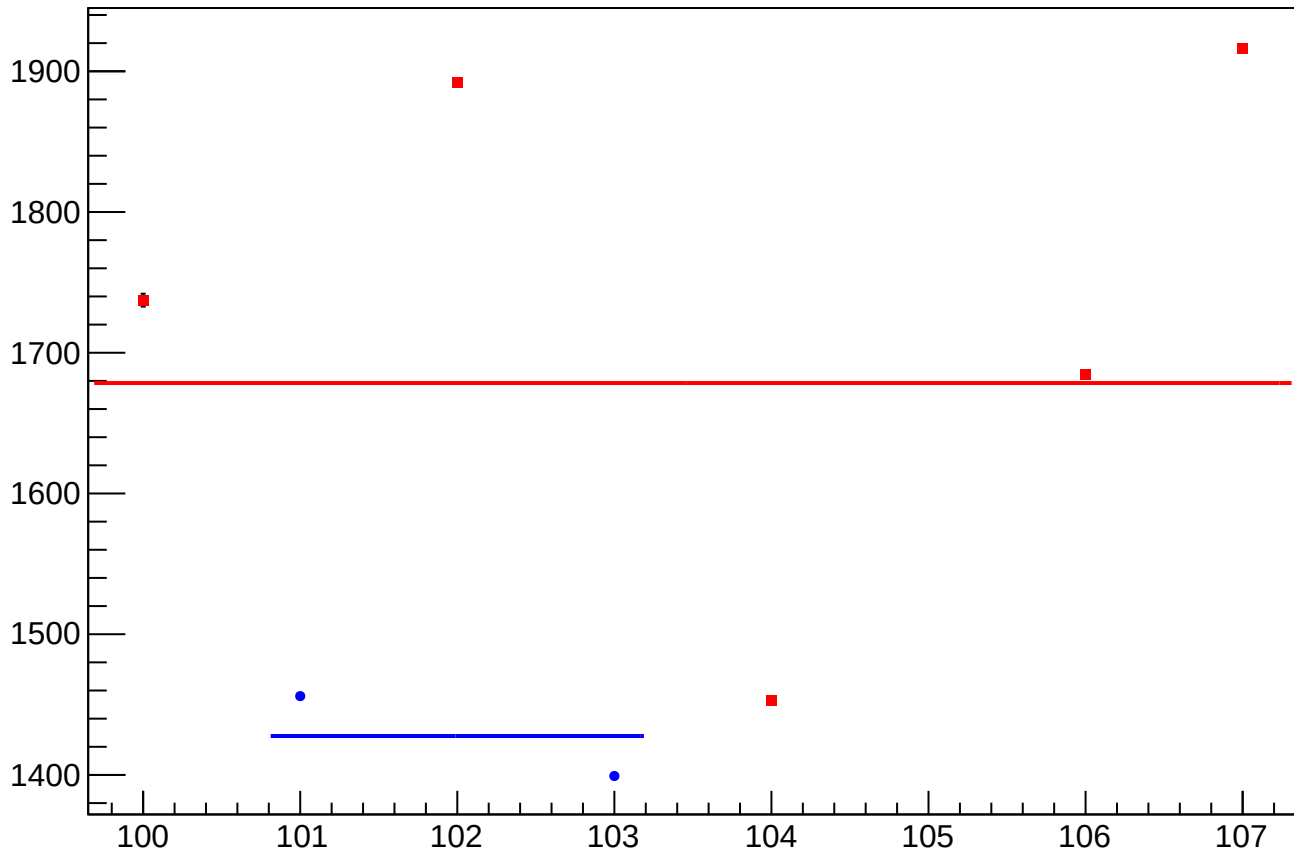
Right: 555.382+/-903.797 χ^2/NDF : 2.2/6

In: 180.495+/-1274.149 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 555.382+/-903.797 χ^2/NDF : 2.2/6

dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1427.656 $\pm$ 0.901 χ^2 /NDF: 992.1/1

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

Right Out: 1678.480 $\pm$ 0.907 χ^2 /NDF: 46910.1/4

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

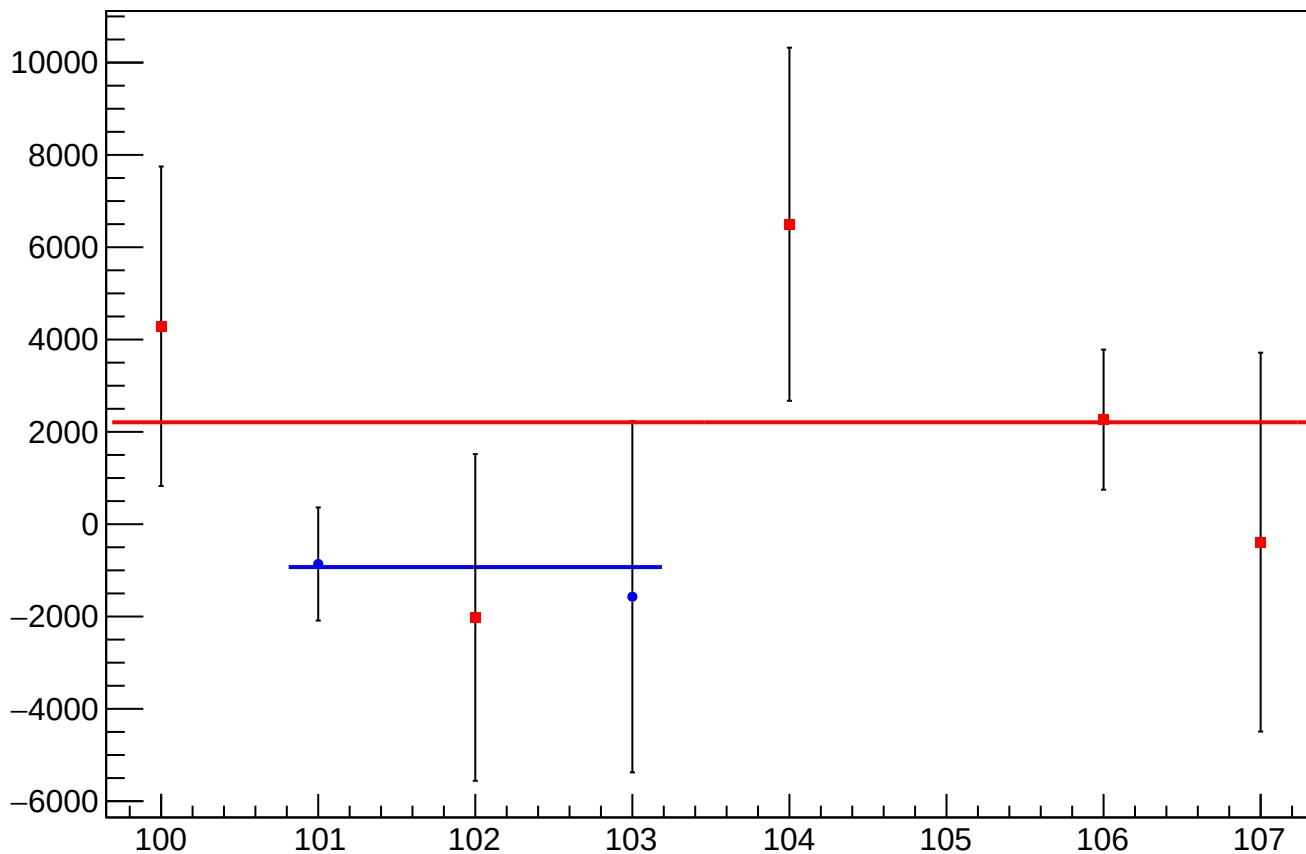
Right: 1552.277 $\pm$ 0.639 χ^2 /NDF: 86410.2/6

In: 1427.656 $\pm$ 0.901 χ^2 /NDF: 992.1/1

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

All: 1552.277 $\pm$ 0.639 χ^2 /NDF: 86410.2/6

asym_usl_atl1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -928.983+/-1167.217 χ^2/NDF : 0.0/1

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

Right Out: 2207.690+/-1174.083 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

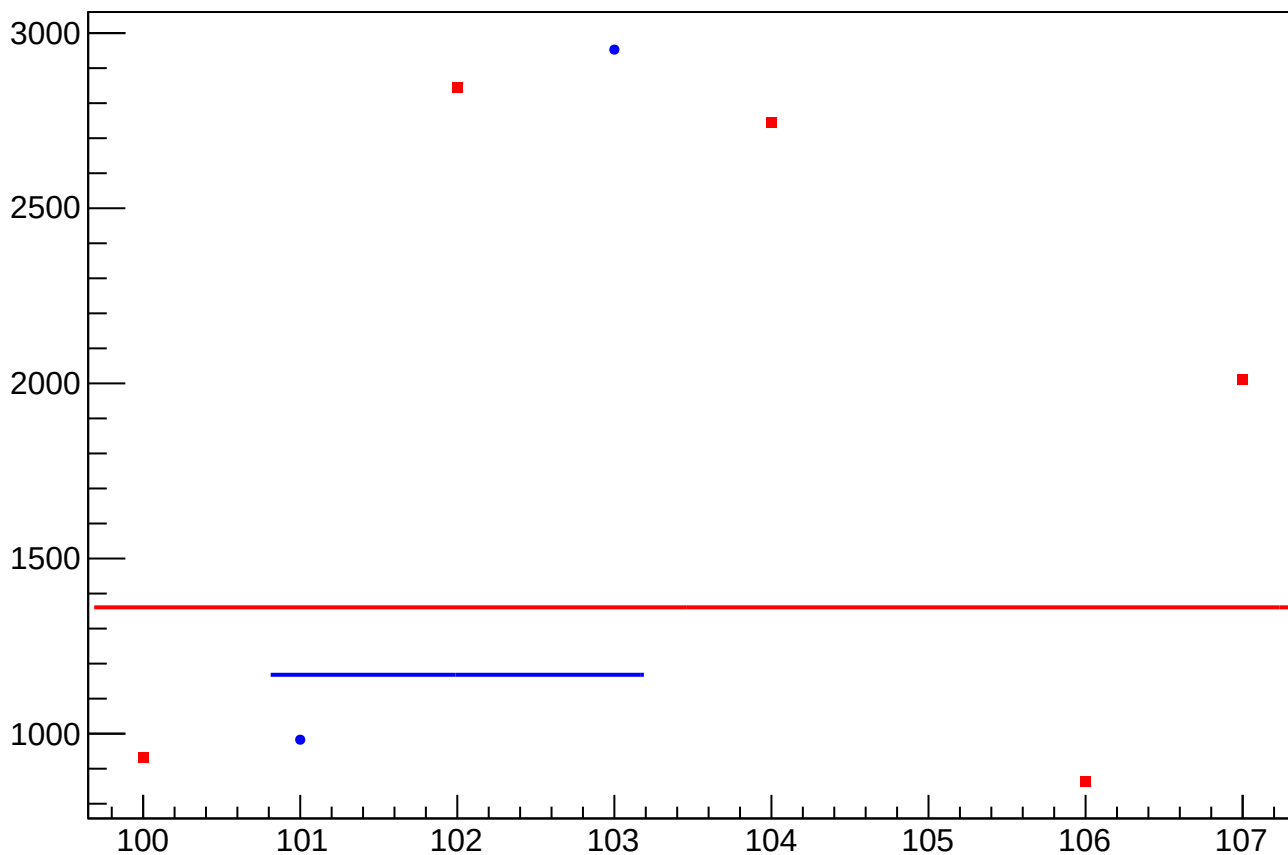
Right: 630.154+/-827.764 χ^2/NDF : 7.1/6

In: -928.983+/-1167.217 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 630.154+/-827.764 χ^2/NDF : 7.1/6

asym_usl_atl1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1168.108+/-0.825 χ^2/NDF : 485540.7/1

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

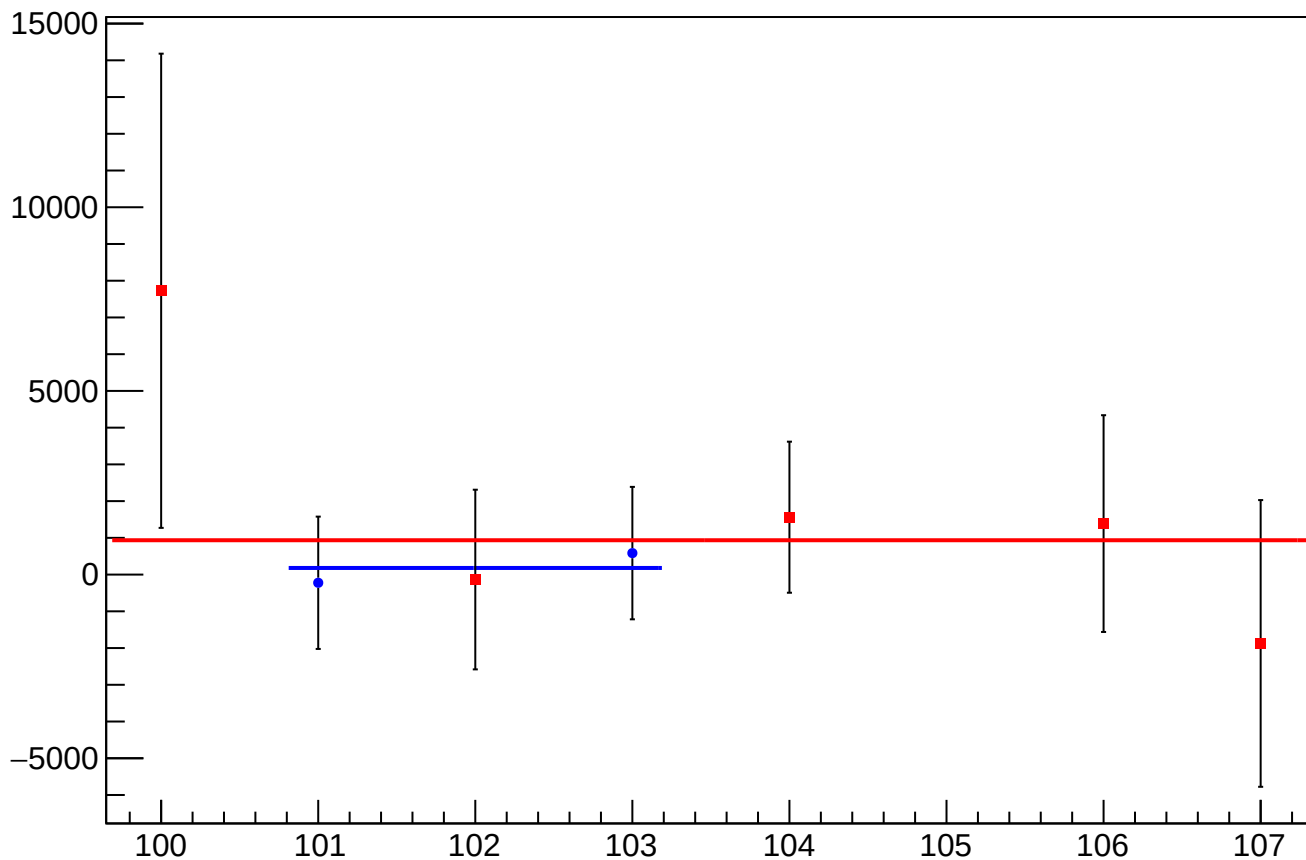
Right: 1263.833+/-0.585 χ^2/NDF : 1421510.4/6

In: 1168.108+/-0.825 χ^2/NDF : 485540.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1263.833+/-0.585 χ^2/NDF : 1421510.4/6

eigen_dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 180.501+/-1274.148 χ^2/NDF : 0.1/1

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

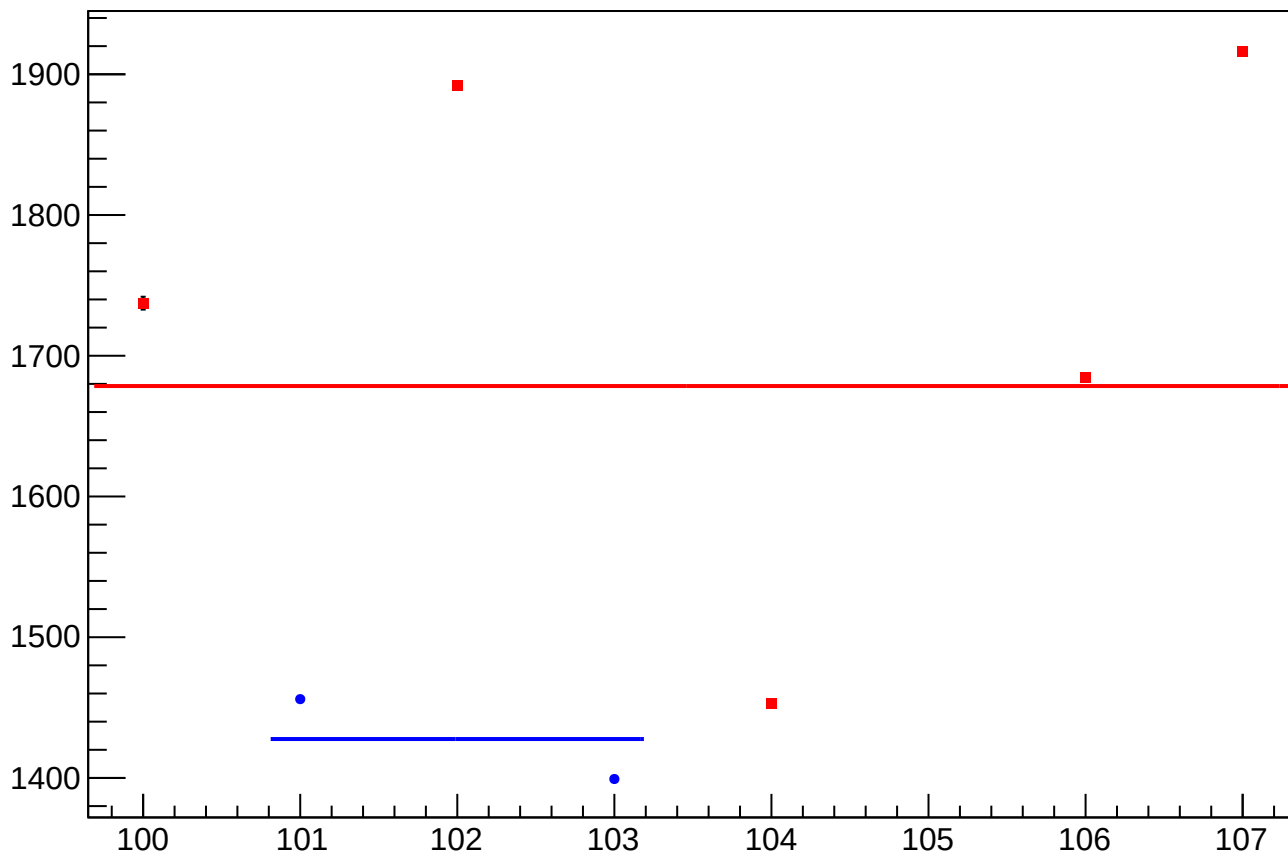
Right: 555.385+/-903.796 χ^2/NDF : 2.2/6

In: 180.501+/-1274.148 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 555.385+/-903.796 χ^2/NDF : 2.2/6

eigen_dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1427.654+/-0.901 χ^2/NDF : 992.1/1

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

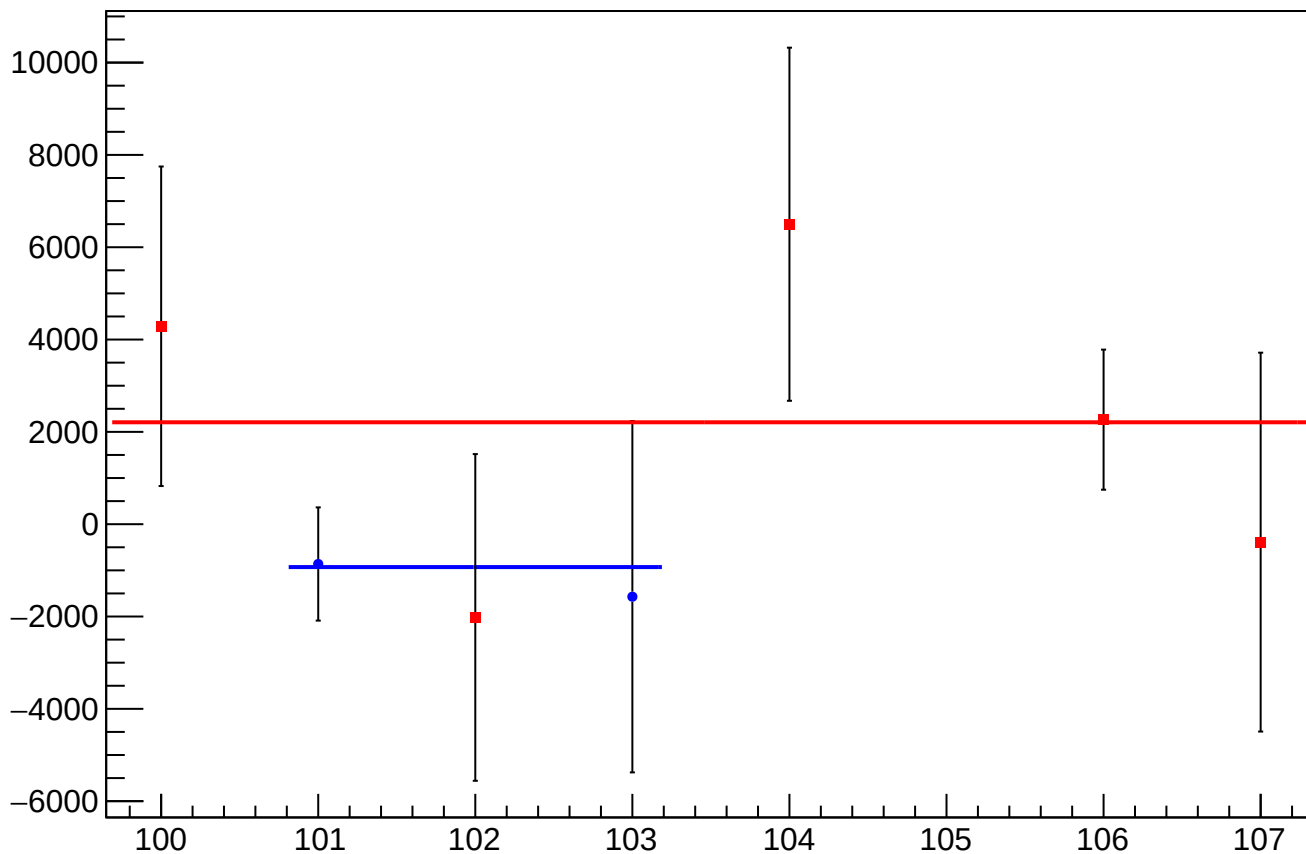
Right: 1552.276+/-0.639 χ^2/NDF : 86410.7/6

In: 1427.654+/-0.901 χ^2/NDF : 992.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1552.276+/-0.639 χ^2/NDF : 86410.7/6

asym_usl_atl1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -928.980 $\pm$ 1167.216 χ^2 /NDF: 0.0/1

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

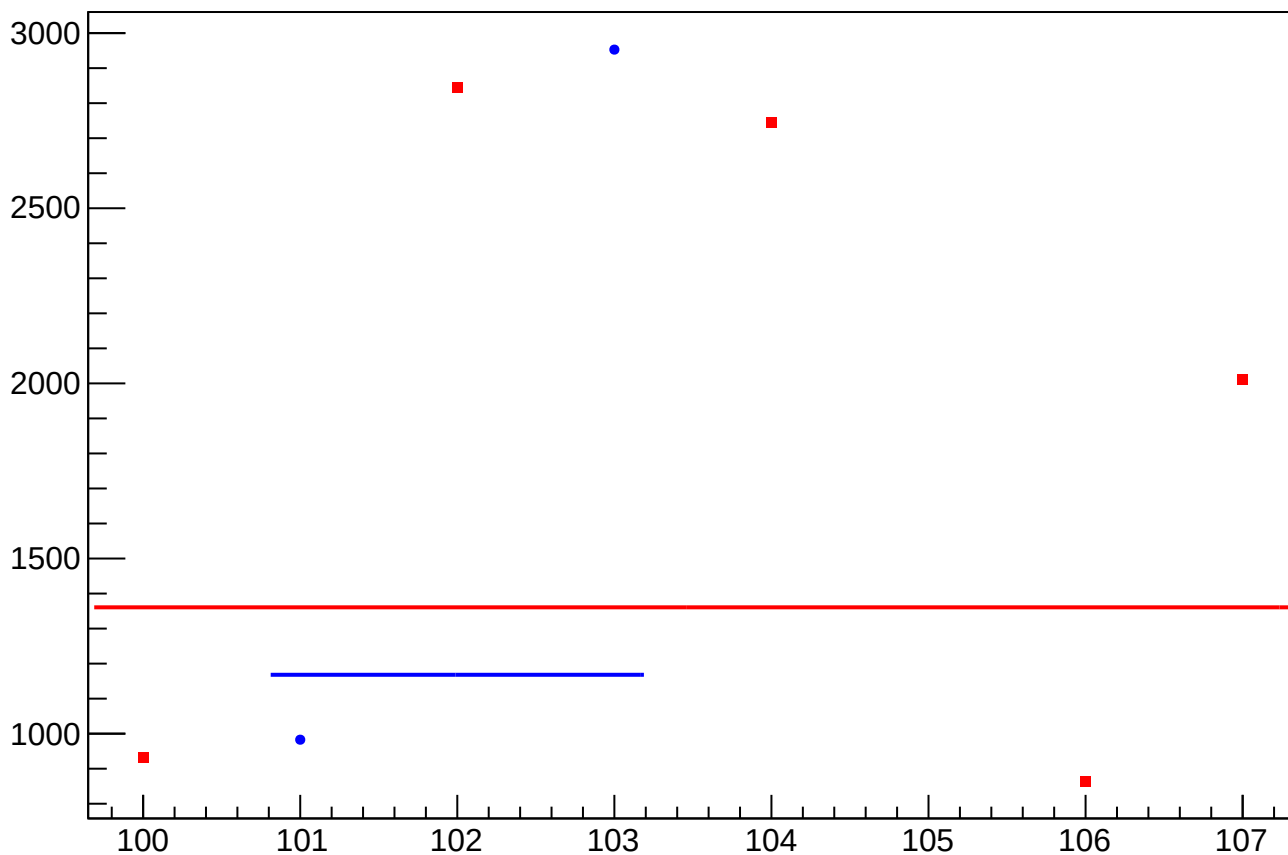
Right: 630.155 $\pm$ 827.763 χ^2 /NDF: 7.1/6

In: -928.980 $\pm$ 1167.216 χ^2 /NDF: 0.0/1

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

All: 630.155 $\pm$ 827.763 χ^2 /NDF: 7.1/6

asym_usl_atl1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1168.107+/-0.825 χ^2/NDF : 485542.1/1

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

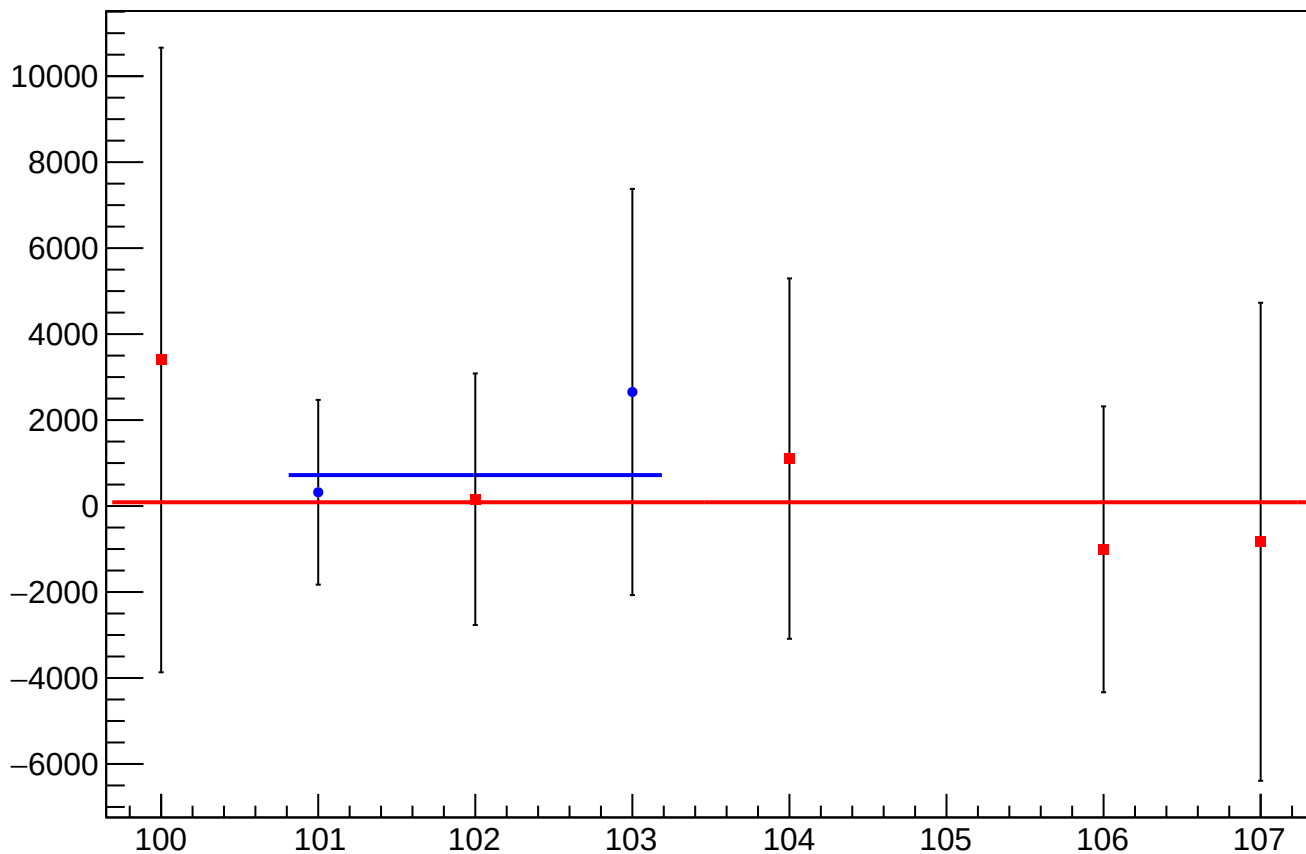
Right: 1263.831+/-0.585 χ^2/NDF : 1421517.3/6

In: 1168.107+/-0.825 χ^2/NDF : 485542.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1263.831+/-0.585 χ^2/NDF : 1421517.3/6

asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 720.237 $\pm$ 1956.048 χ^2 /NDF: 0.2/1

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

Right Out: 88.200 $\pm$ 1780.457 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

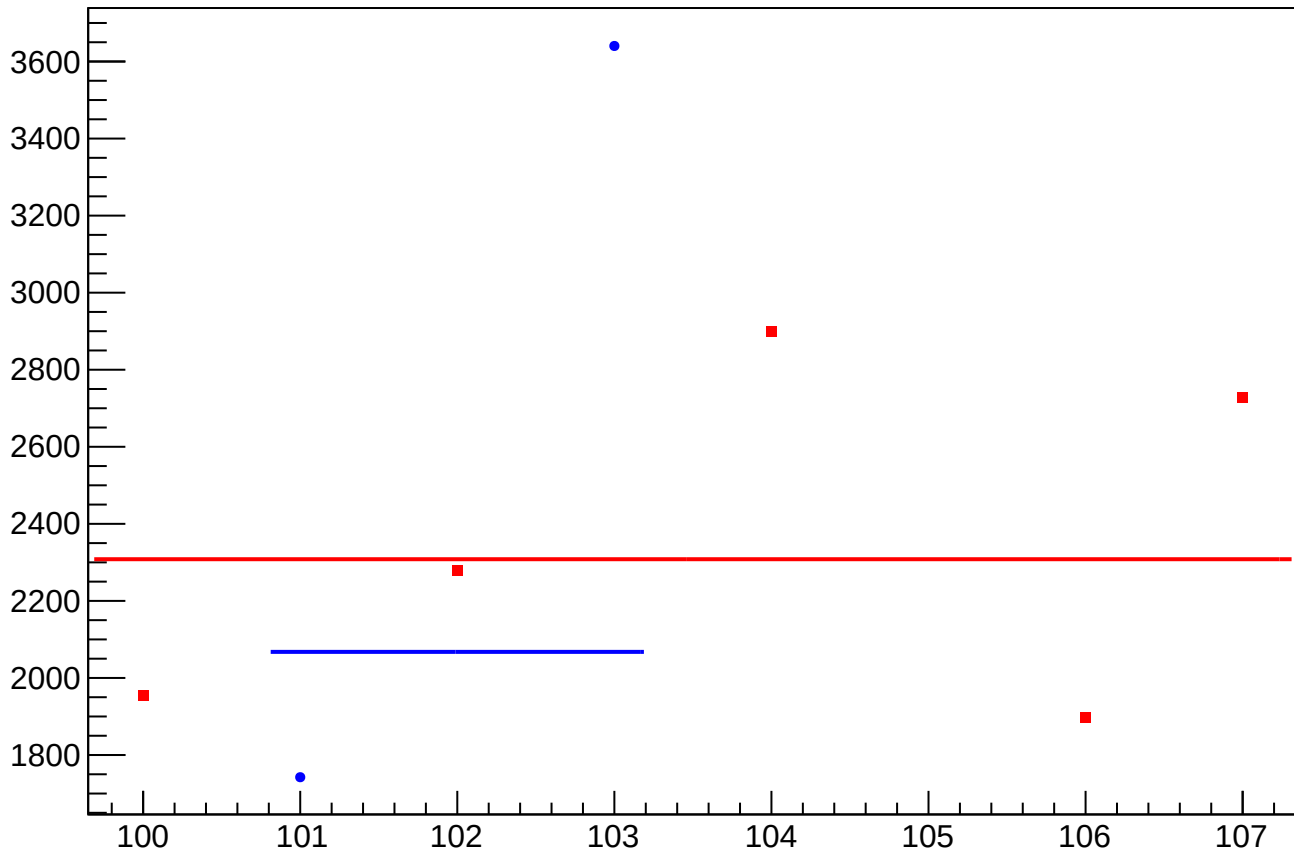
Right: 374.582 $\pm$ 1316.684 χ^2 /NDF: 0.7/6

In: 720.237 $\pm$ 1956.048 χ^2 /NDF: 0.2/1

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

All: 374.582 $\pm$ 1316.684 χ^2 /NDF: 0.7/6

asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 2067.686+/-1.383 χ^2/NDF : 267429.8/1

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

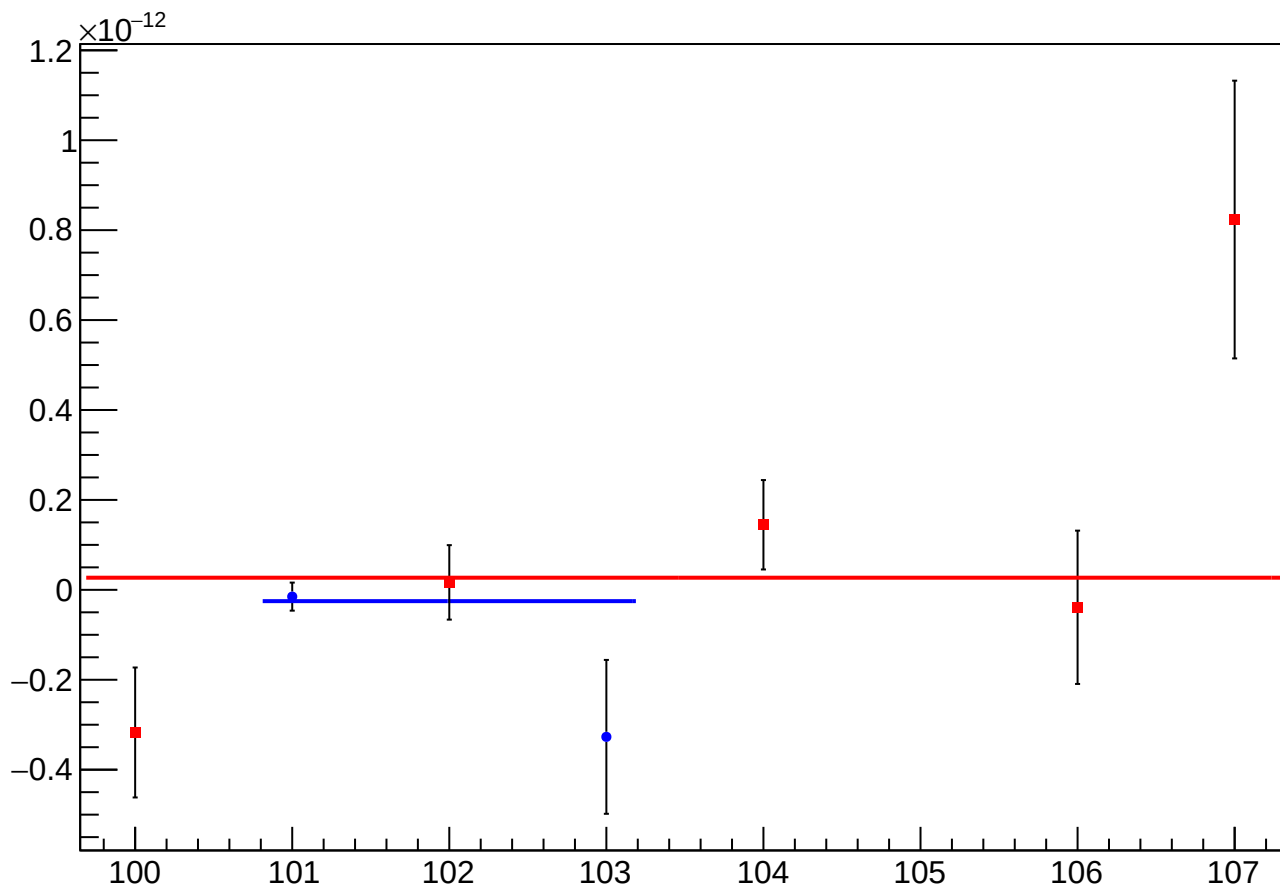
Right: 2199.215+/-0.931 χ^2/NDF : 370538.9/6

In: 2067.686+/-1.383 χ^2/NDF : 267429.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2199.215+/-0.931 χ^2/NDF : 370538.9/6

asym_usl_atl1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.2/1

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

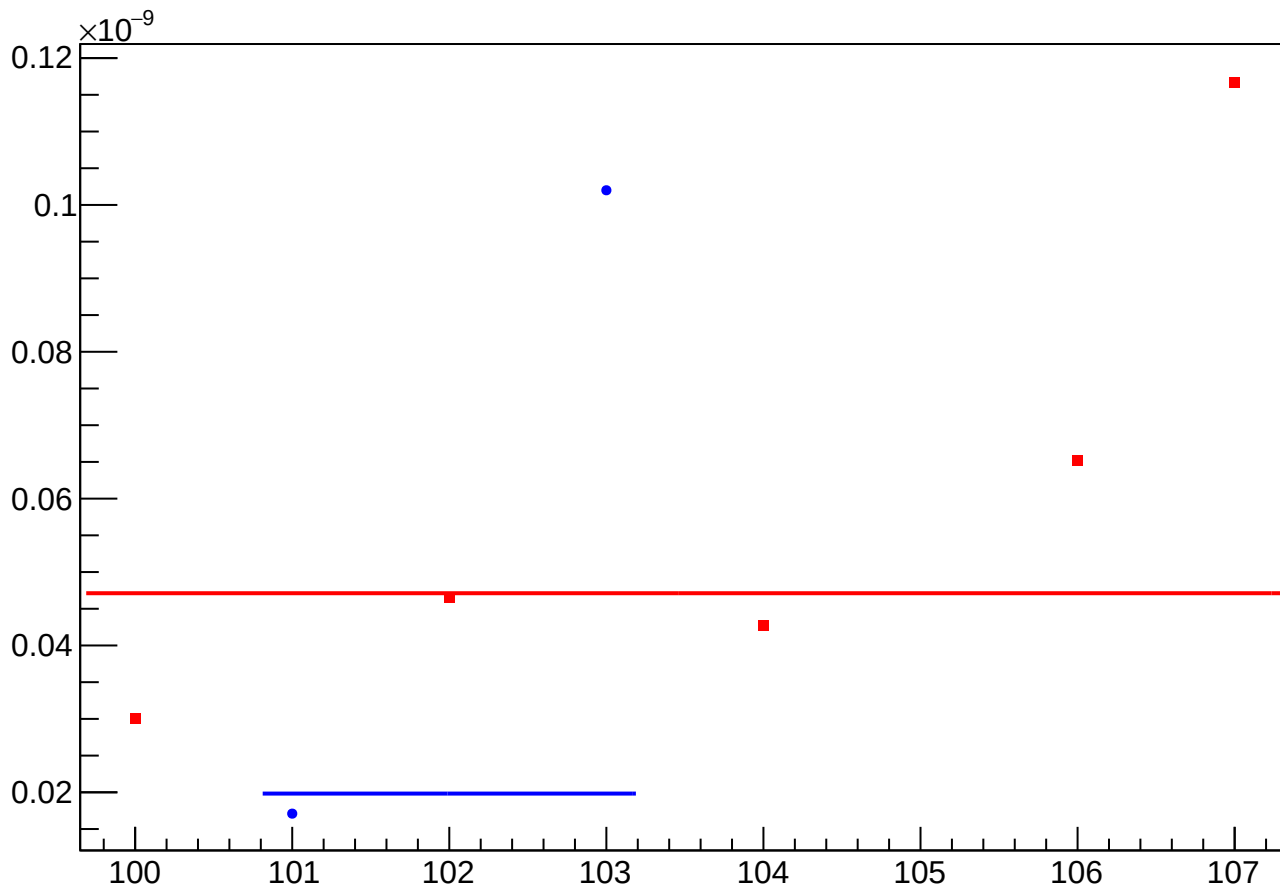
Right: -0.000+/-0.000 χ^2/NDF : 17.8/6

In: -0.000+/-0.000 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.8/6

asym_usl_atl1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 476552.2/1

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

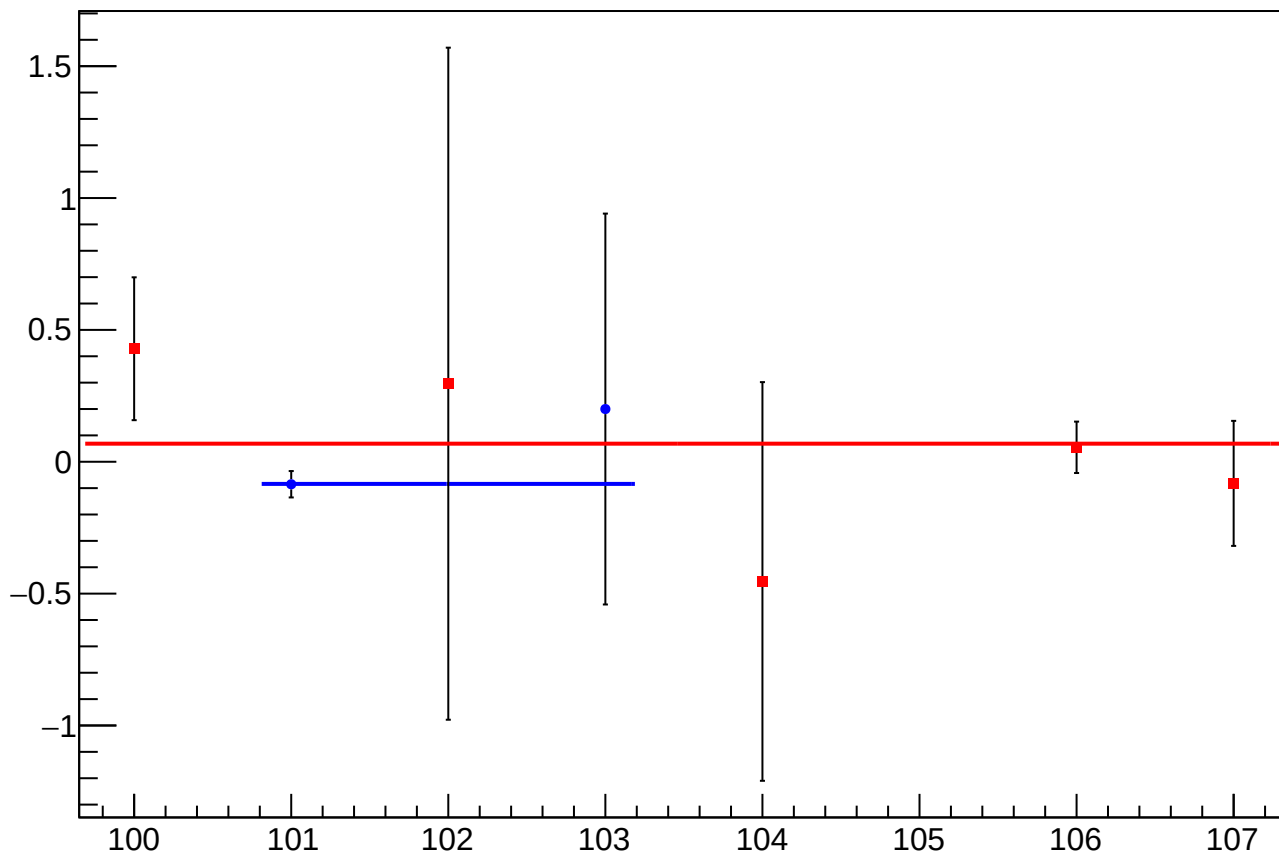
Right: 0.000+/-0.000 χ^2/NDF : 1015561.4/6

In: 0.000+/-0.000 χ^2/NDF : 476552.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1015561.4/6

asym_usl_atl1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.084+/-0.050 χ^2/NDF : 0.1/1

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

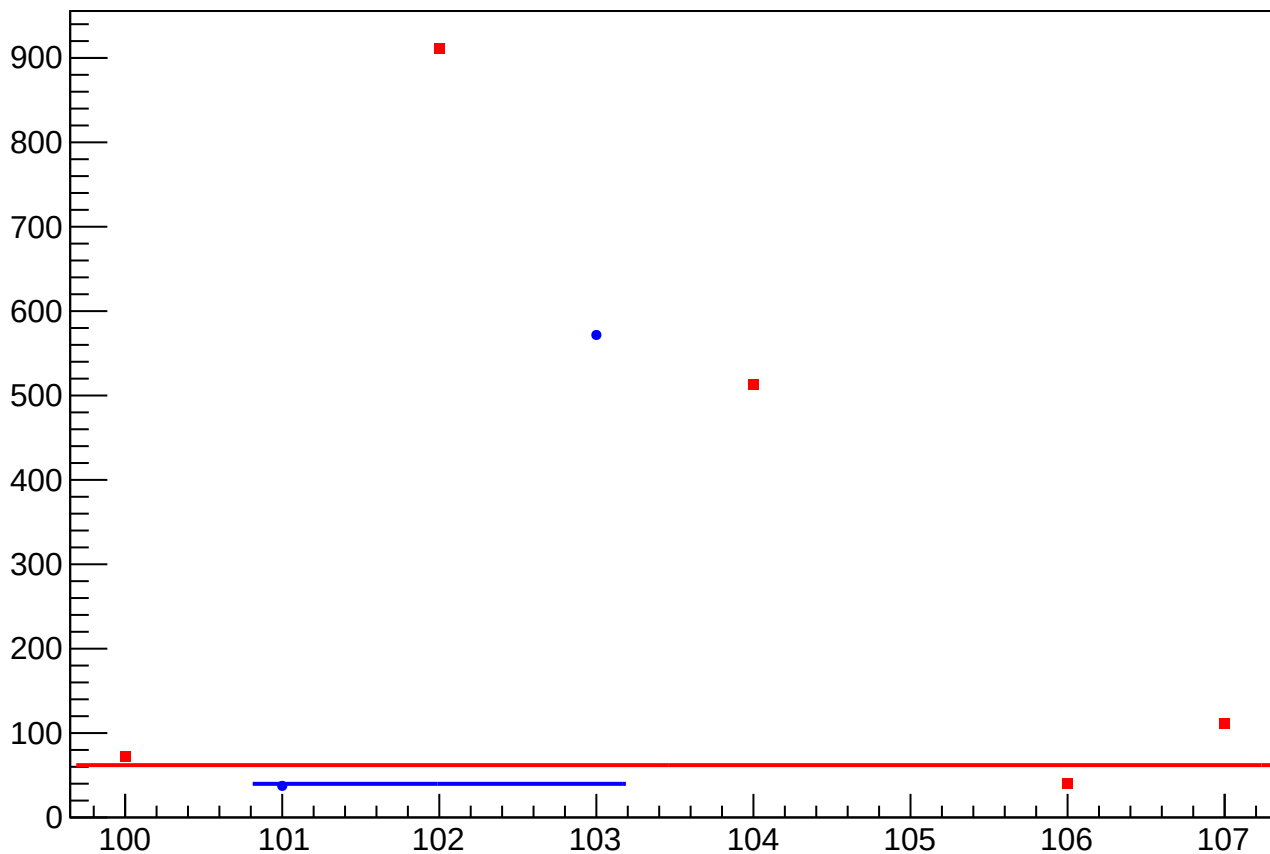
Right: -0.045+/-0.043 χ^2/NDF : 5.3/6

In: -0.084+/-0.050 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.045+/-0.043 χ^2/NDF : 5.3/6

asym_usl_atl1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.840 $\pm$ 0.035 χ^2 /NDF: 1035016.3/1

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

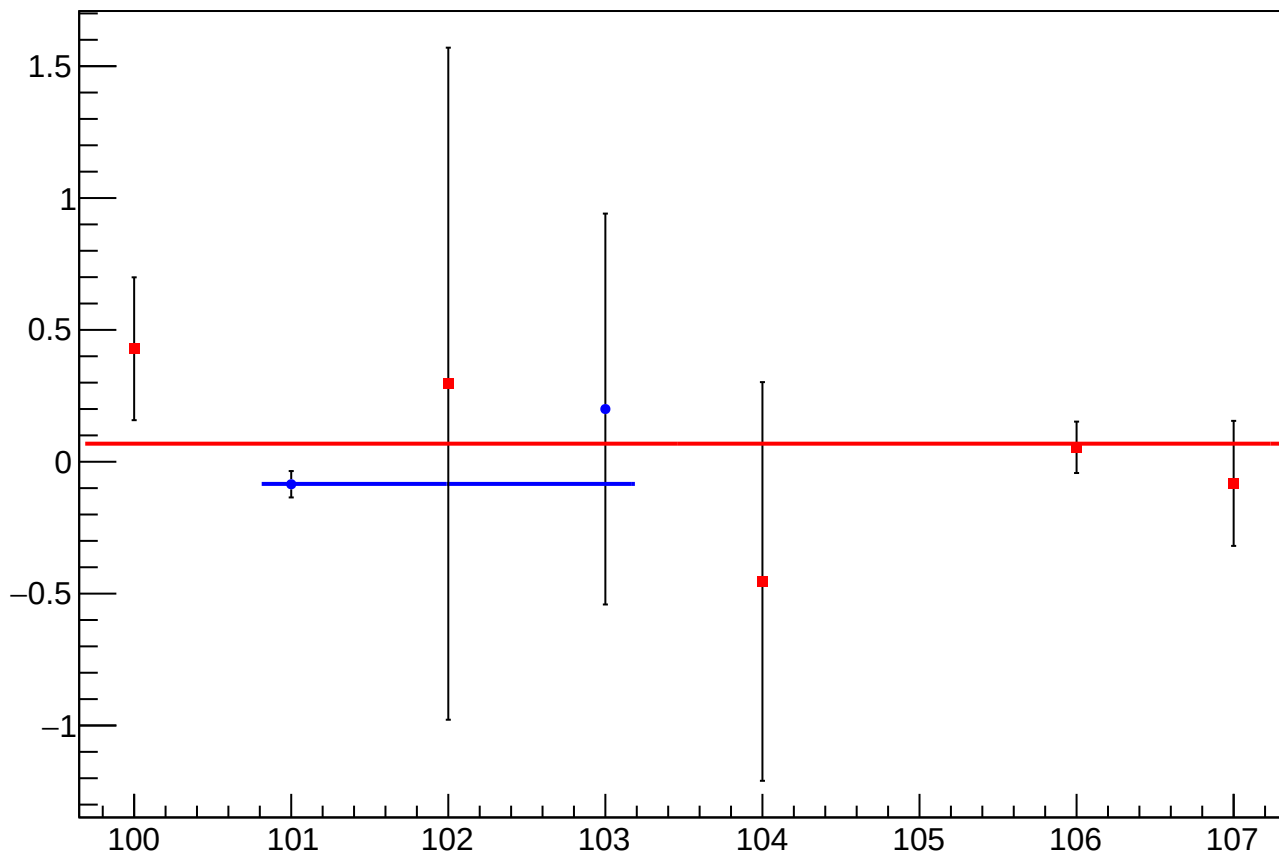
Right: 45.544 $\pm$ 0.030 χ^2 /NDF: 2931195.6/6

In: 39.840 $\pm$ 0.035 χ^2 /NDF:1035016.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 45.544 $\pm$ 0.030 χ^2 /NDF: 2931195.6/6

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.084 $\pm$ 0.050 χ^2 /NDF: 0.1/1

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

Right Out: 0.069 $\pm$ 0.085 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

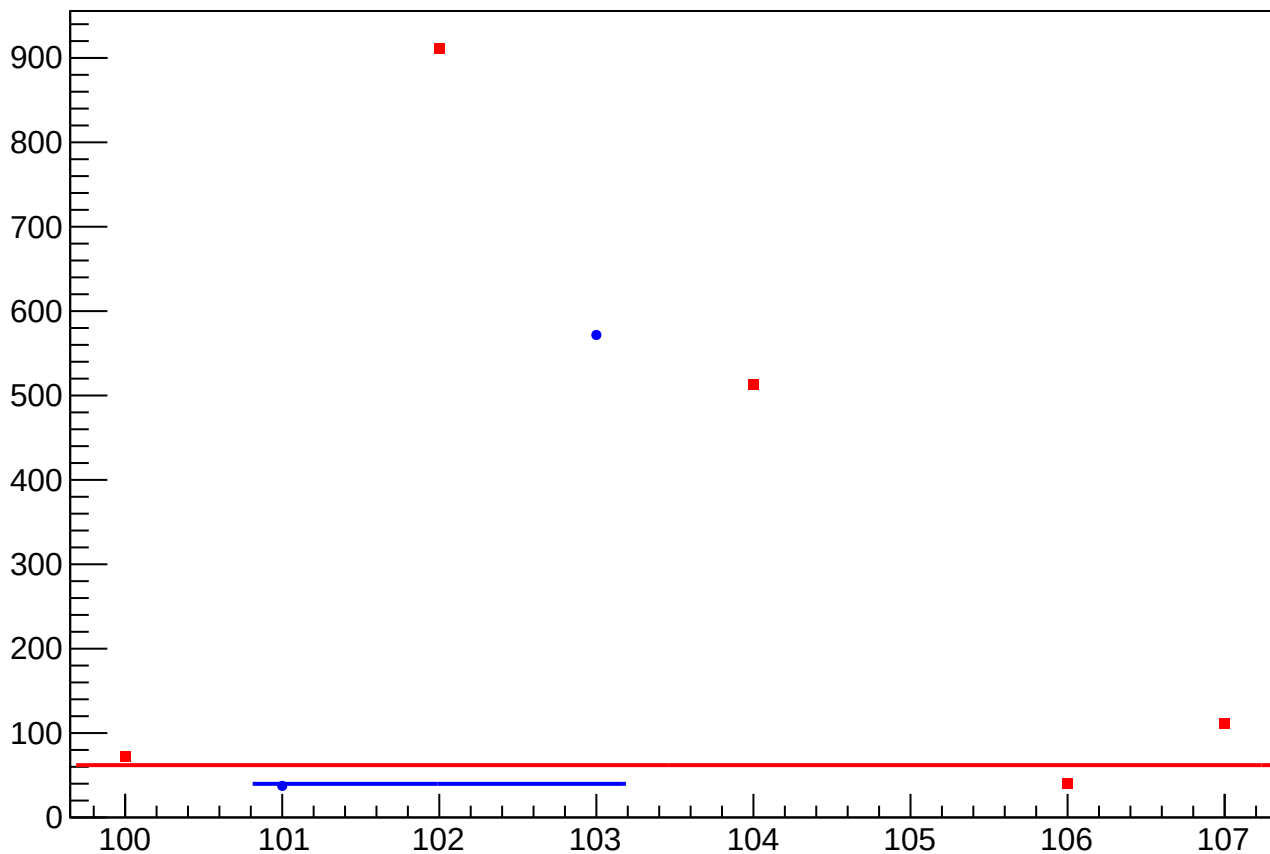
Right: -0.045 $\pm$ 0.043 χ^2 /NDF: 5.3/6

In: -0.084 $\pm$ 0.050 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.045 $\pm$ 0.043 χ^2 /NDF: 5.3/6

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.840 $\pm$ 0.035 χ^2 /NDF: 1035016.3/1

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

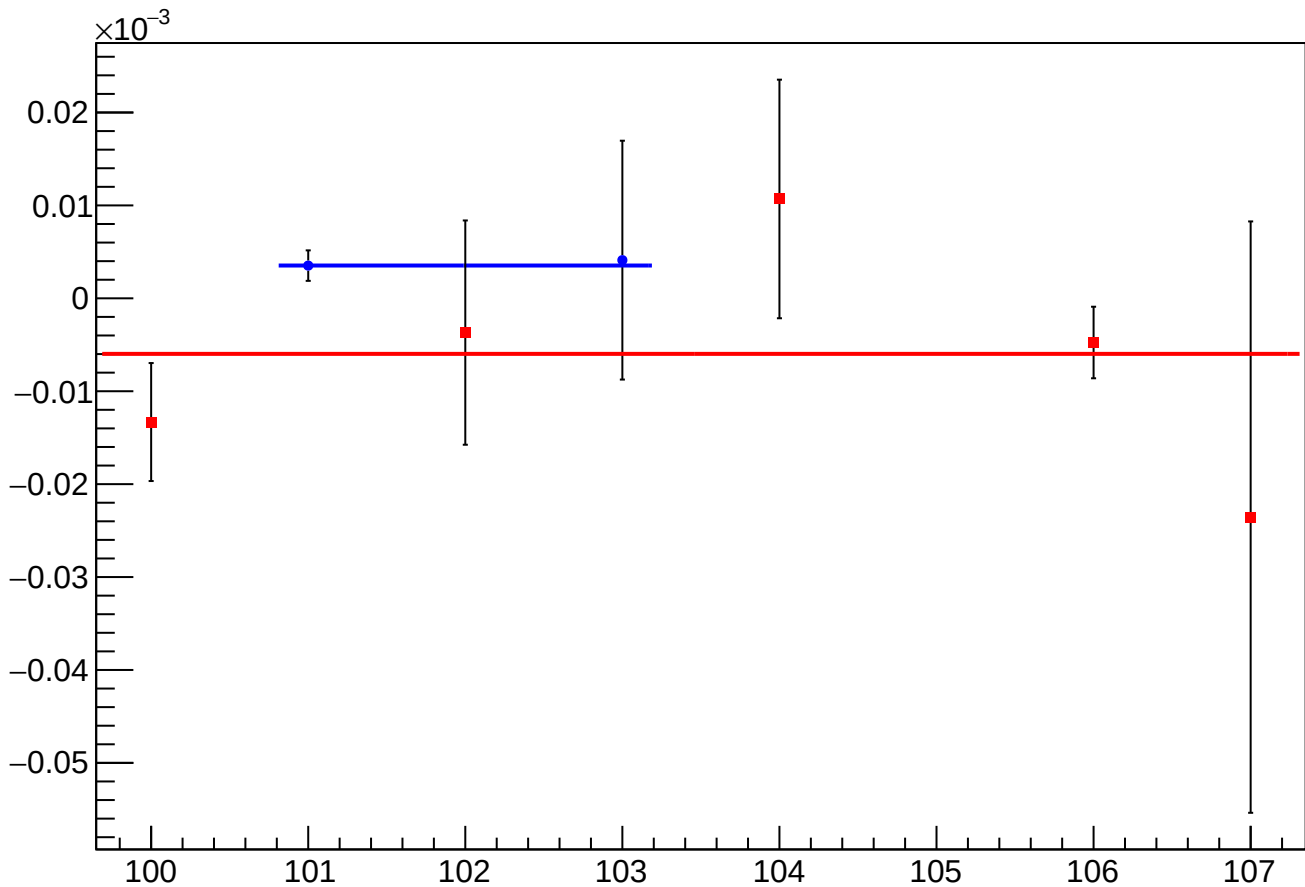
Right: 45.544 $\pm$ 0.030 χ^2 /NDF: 2931195.6/6

In: 39.840 $\pm$ 0.035 χ^2 /NDF:1035016.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 45.544 $\pm$ 0.030 χ^2 /NDF: 2931195.6/6

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/1

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

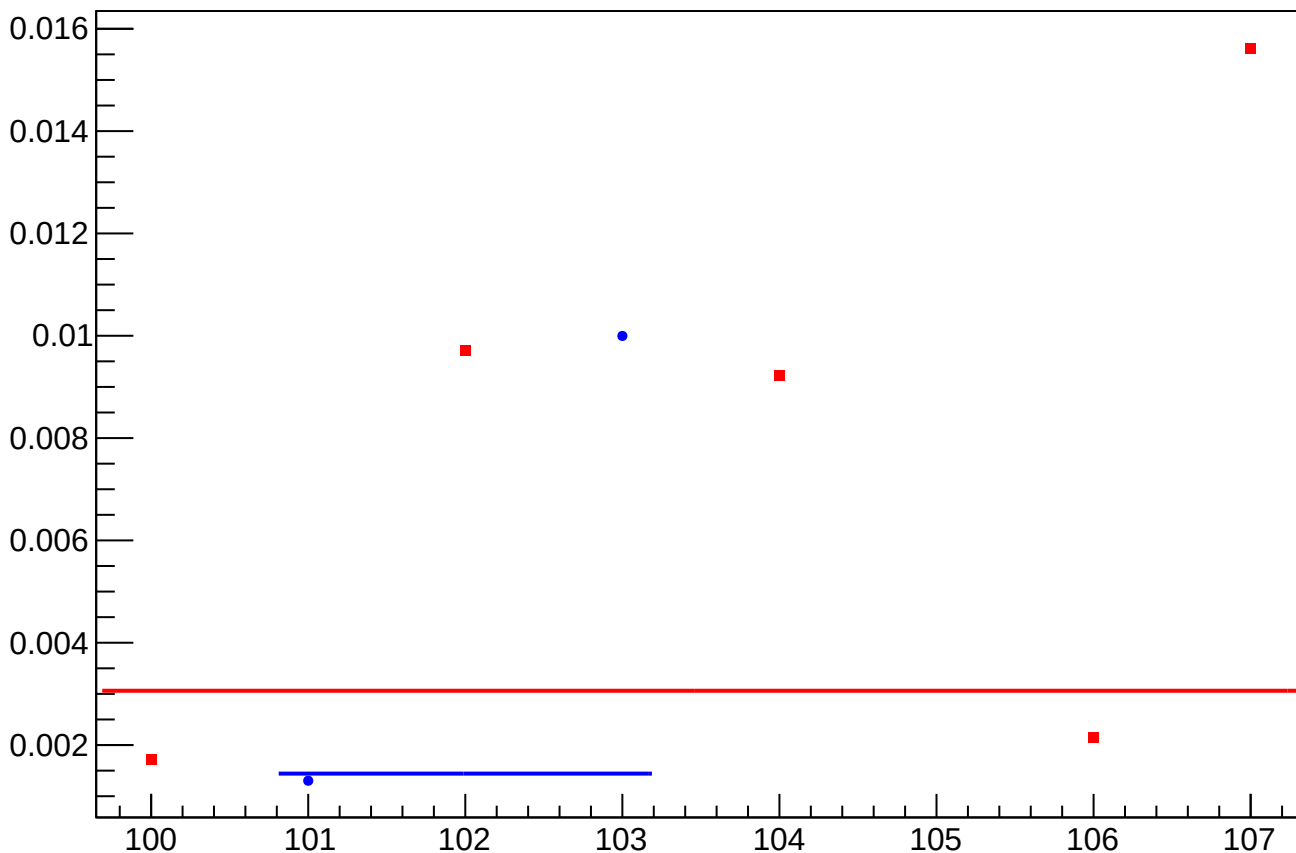
Right: 0.000+/-0.000 χ^2/NDF : 11.0/6

In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.0/6

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 900345.6/1

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

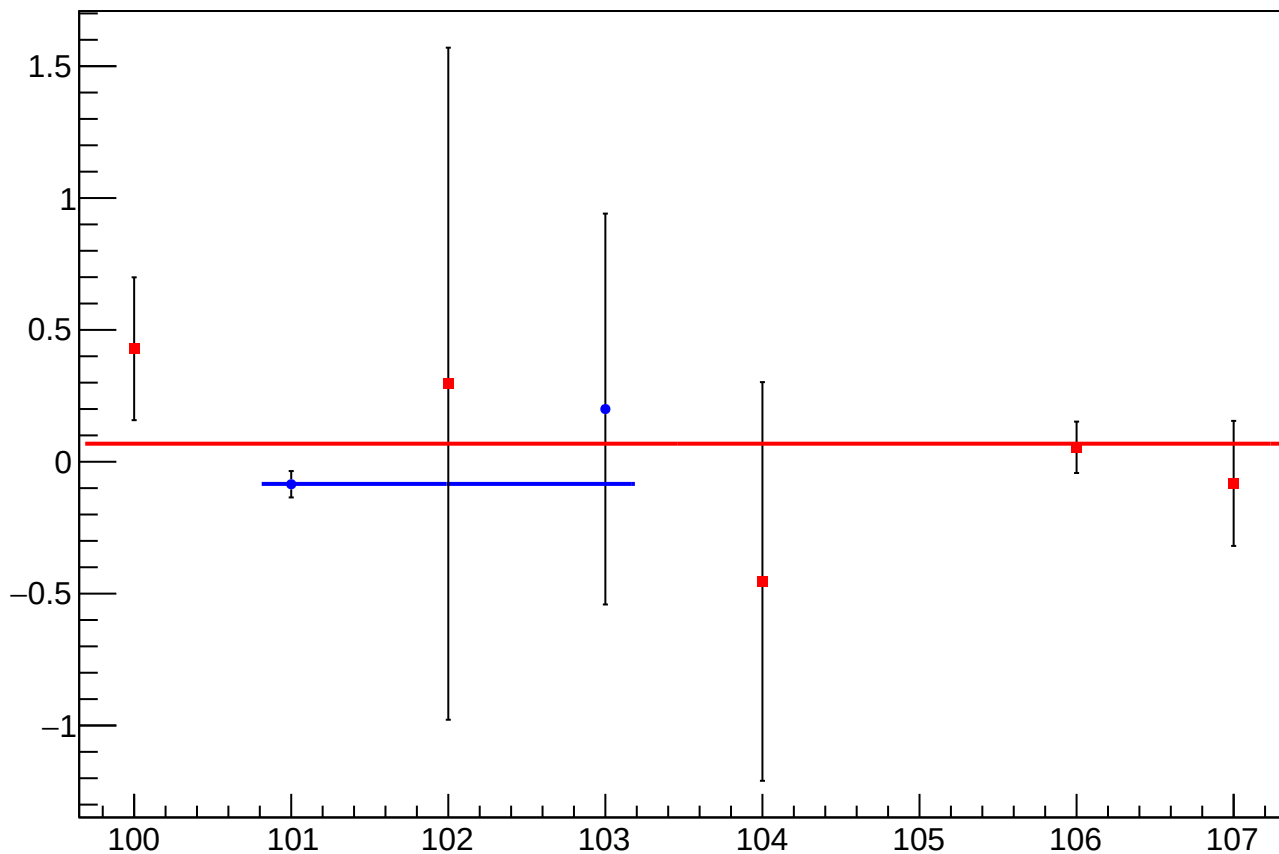
Right: 0.002+/-0.000 χ^2/NDF : 2919568.5/6

In: 0.001+/-0.000 χ^2/NDF : 900345.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2919568.5/6

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.084 $\pm$ 0.050 χ^2 /NDF: 0.1/1

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

Right Out: 0.069 $\pm$ 0.085 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

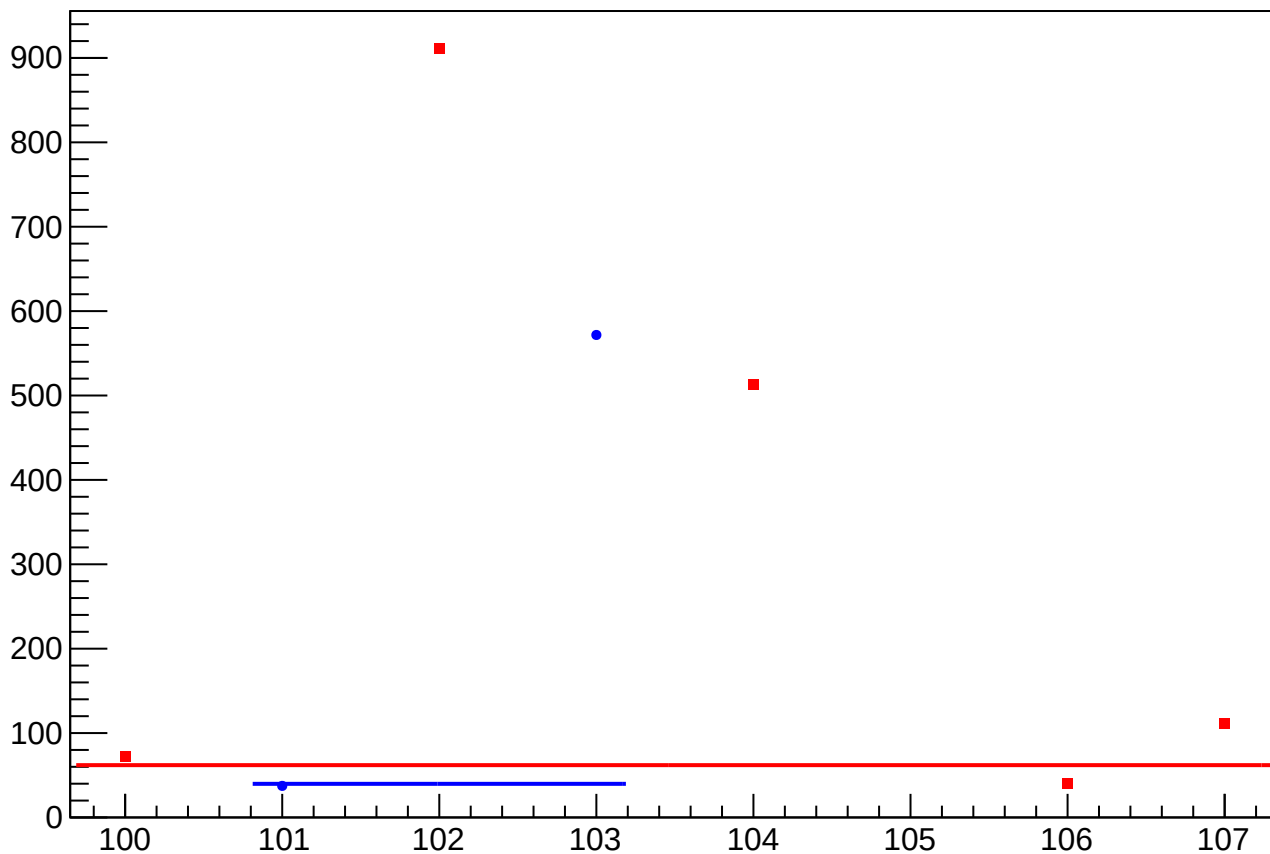
Right: -0.045 $\pm$ 0.043 χ^2 /NDF: 5.3/6

In: -0.084 $\pm$ 0.050 χ^2 /NDF: 0.1/1

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

All: -0.045 $\pm$ 0.043 χ^2 /NDF: 5.3/6

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.839+/-0.035 χ^2/NDF : 1035015.1/1

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

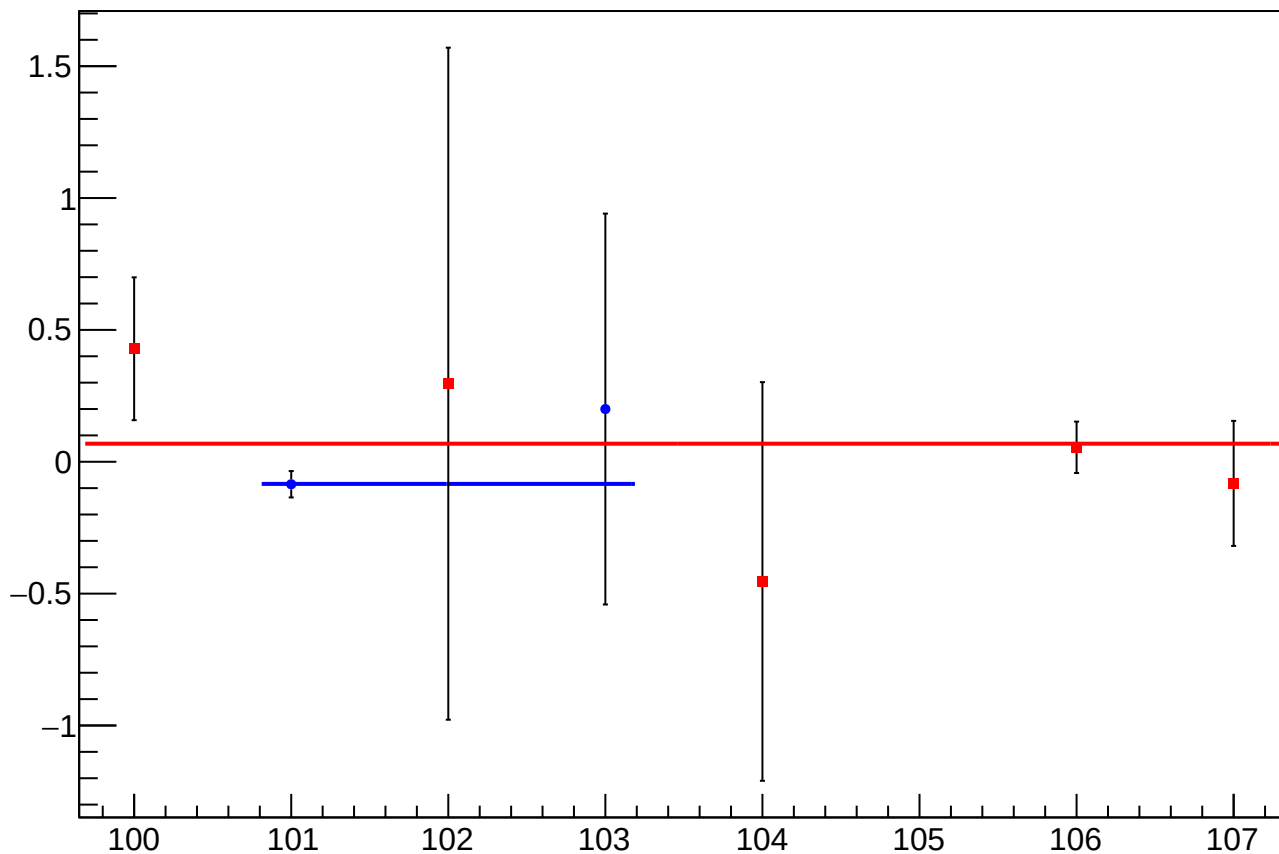
Right: 45.543+/-0.030 χ^2/NDF : 2931204.7/6

In: 39.839+/-0.035 χ^2/NDF : 1035015.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.543+/-0.030 χ^2/NDF : 2931204.7/6

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.084 $\pm$ 0.050 χ^2 /NDF: 0.1/1

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

Right Out: 0.069 $\pm$ 0.085 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

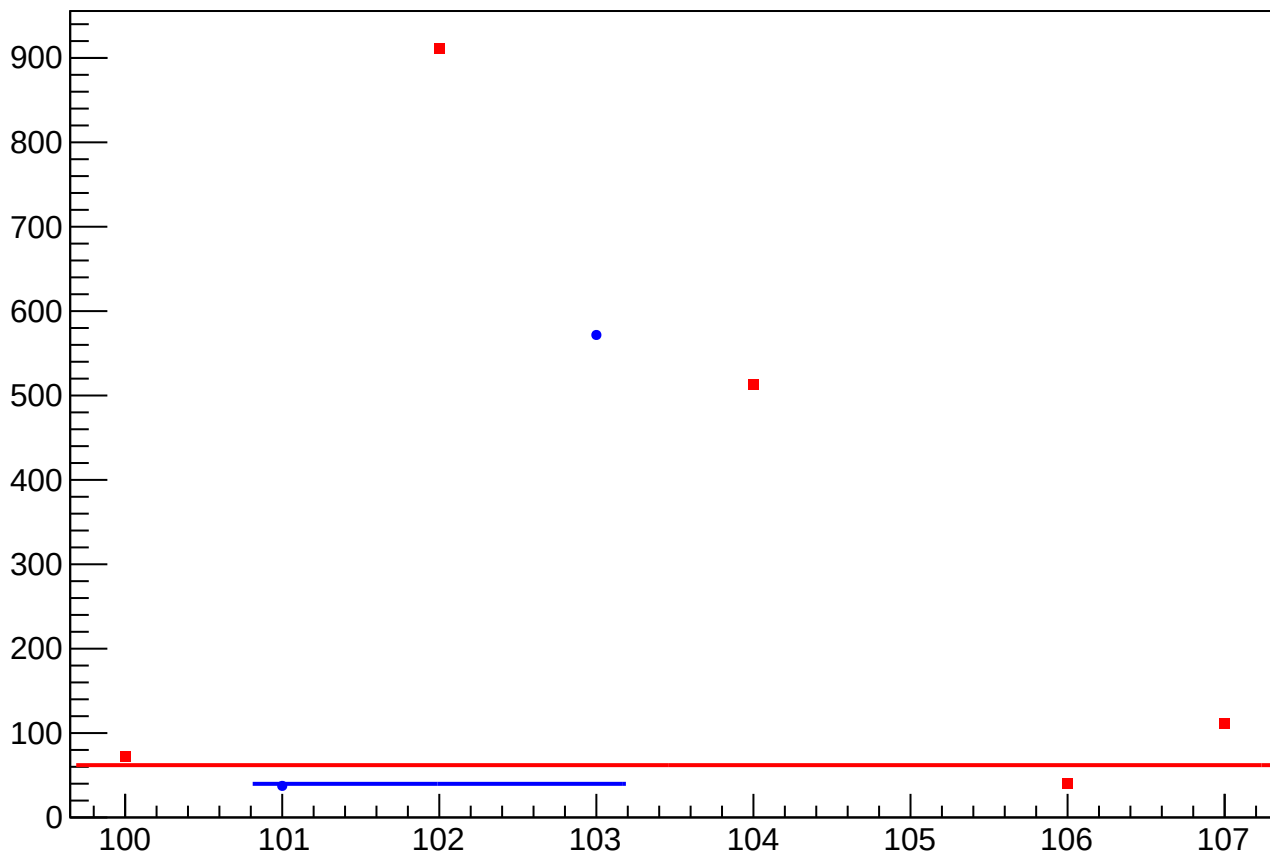
Right: -0.045 $\pm$ 0.043 χ^2 /NDF: 5.3/6

In: -0.084 $\pm$ 0.050 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.045 $\pm$ 0.043 χ^2 /NDF: 5.3/6

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.839+/-0.035 χ^2/NDF : 1035015.1/1

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

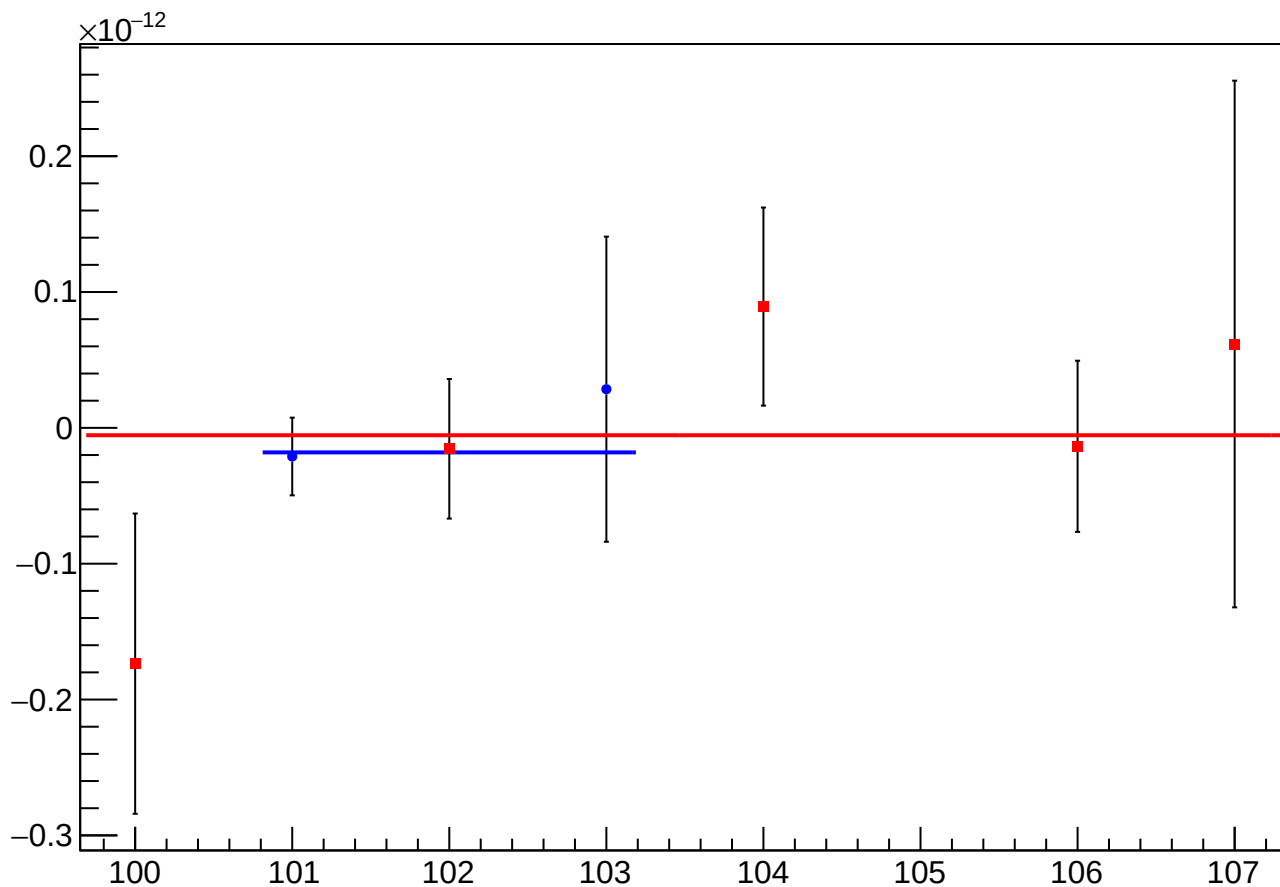
Right: 45.543+/-0.030 χ^2/NDF : 2931204.7/6

In: 39.839+/-0.035 χ^2/NDF : 1035015.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.543+/-0.030 χ^2/NDF : 2931204.7/6

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.2/1

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

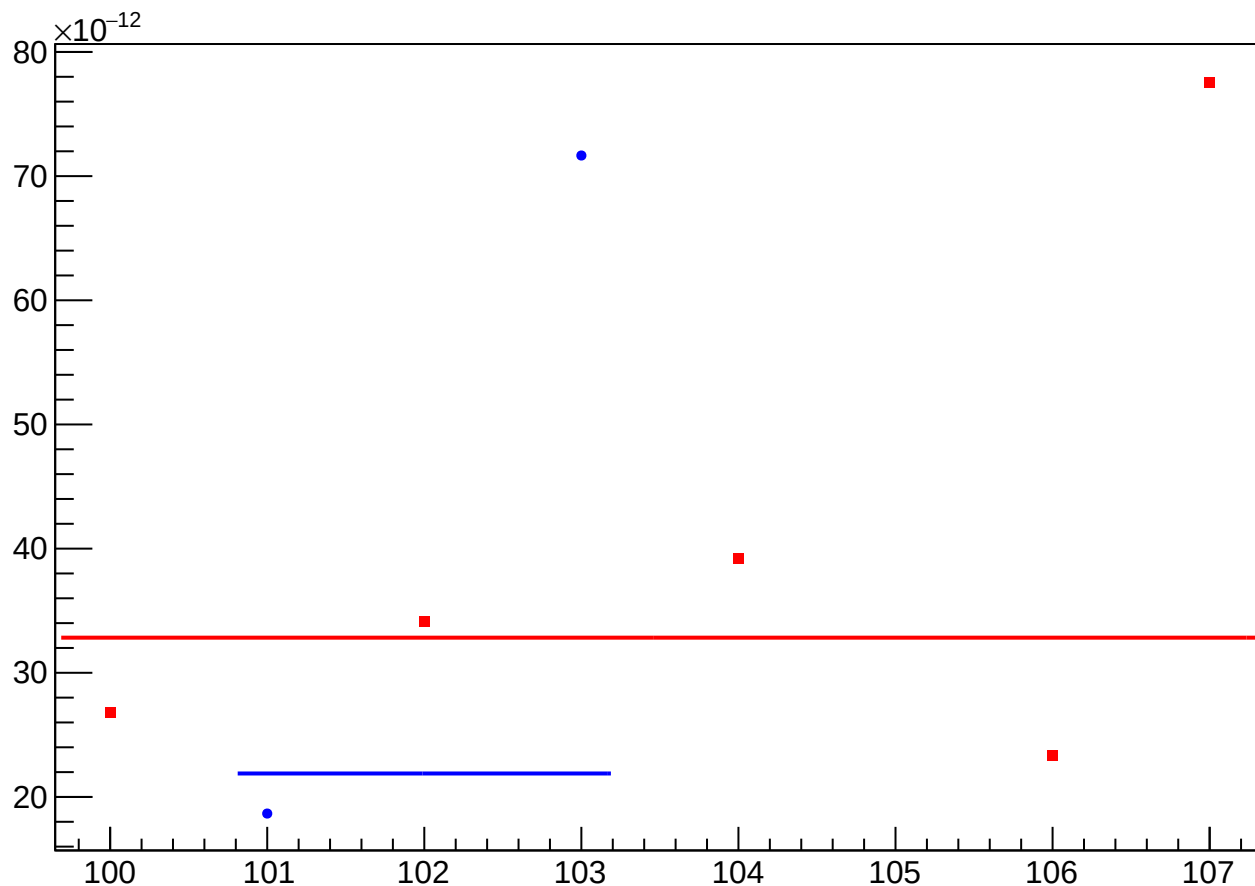
Right: -0.000+/-0.000 χ^2/NDF : 4.4/6

In: -0.000+/-0.000 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.4/6

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 418256.8/1

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

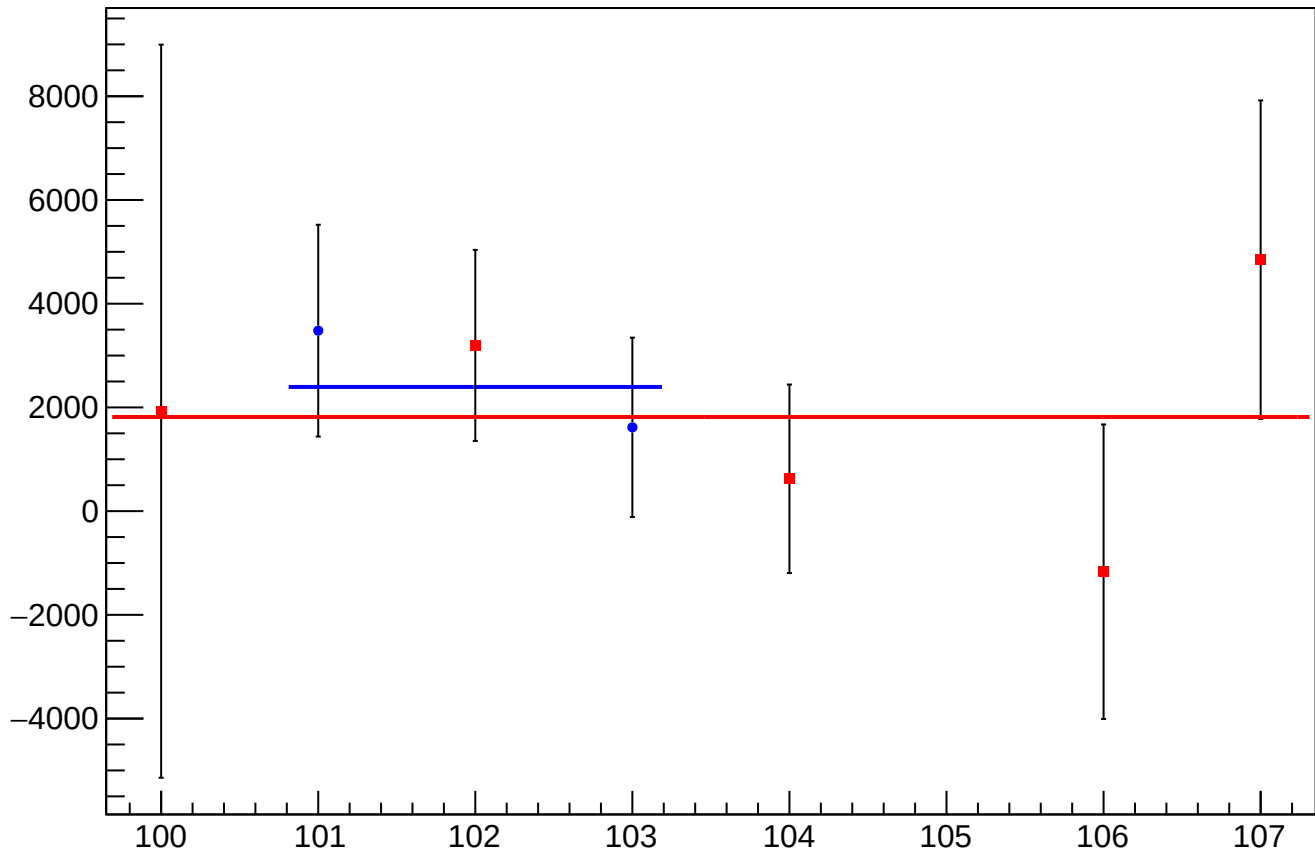
Right: 0.000+/-0.000 χ^2/NDF : 721881.5/6

In: 0.000+/-0.000 χ^2/NDF : 418256.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 721881.5/6

reg_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2394.555+/-1319.744 χ^2 /NDF: 0.5/1

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

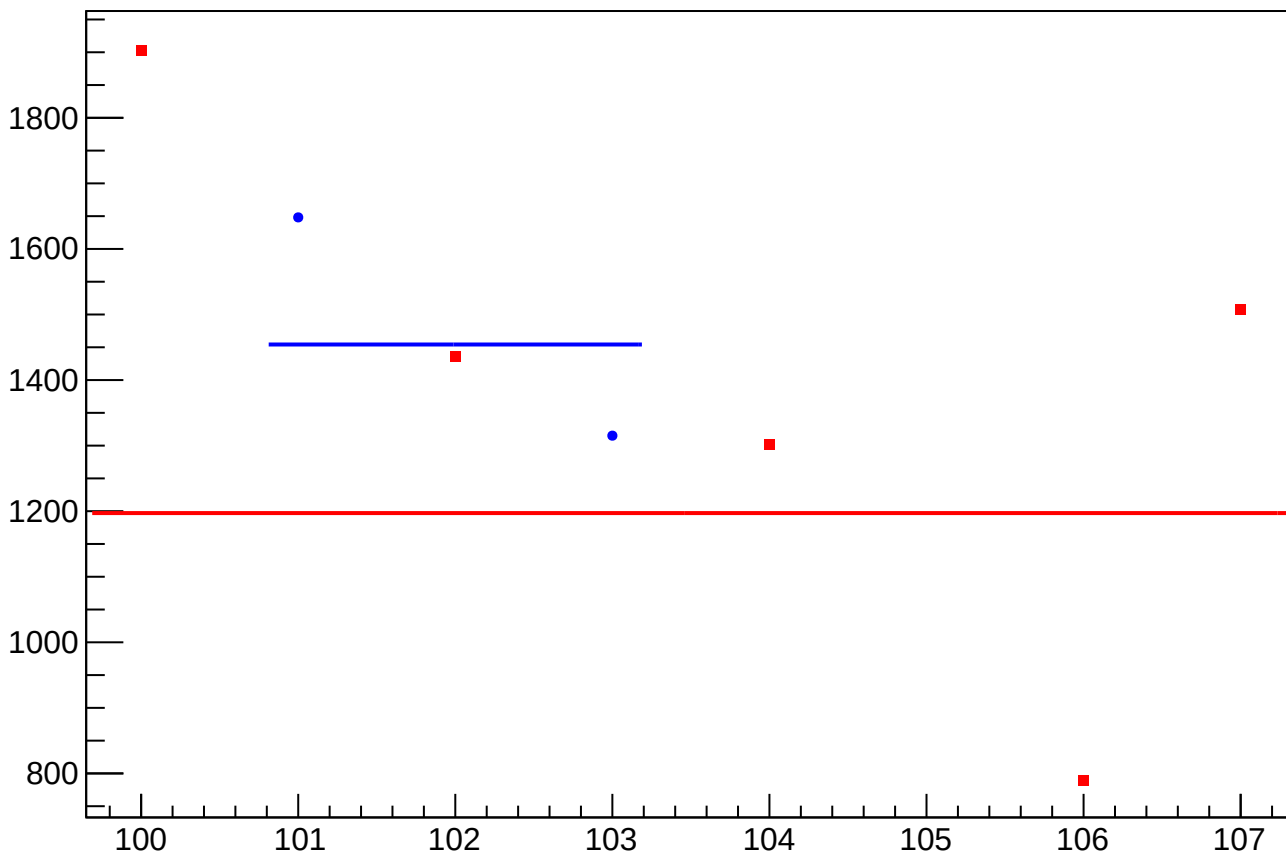
Right: 2049.250+/-838.728 χ^2 /NDF: 3.7/6

In: 2394.555+/-1319.744 χ^2 /NDF: 0.5/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 2049.250+/-838.728 χ^2 /NDF: 3.7/6

reg_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1454.244+/-0.933 χ^2/NDF : 30959.2/1

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

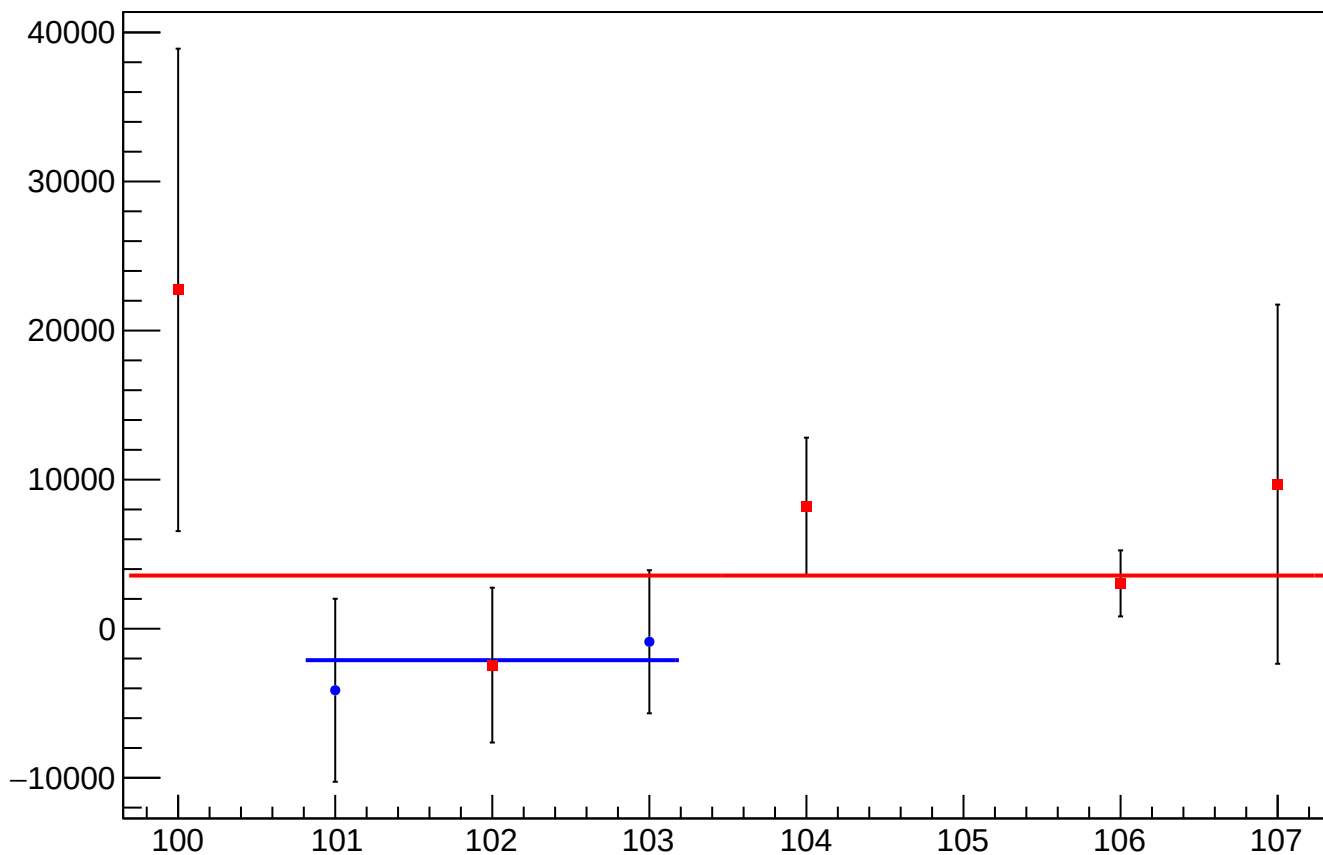
Right: 1285.798+/-0.548 χ^2/NDF : 283314.1/6

In: 1454.244+/-0.933 χ^2/NDF : 30959.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1285.798+/-0.548 χ^2/NDF : 283314.1/6

asym_usl_atl2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -2110.460+/-3781.712 χ^2/NDF : 0.2/1

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

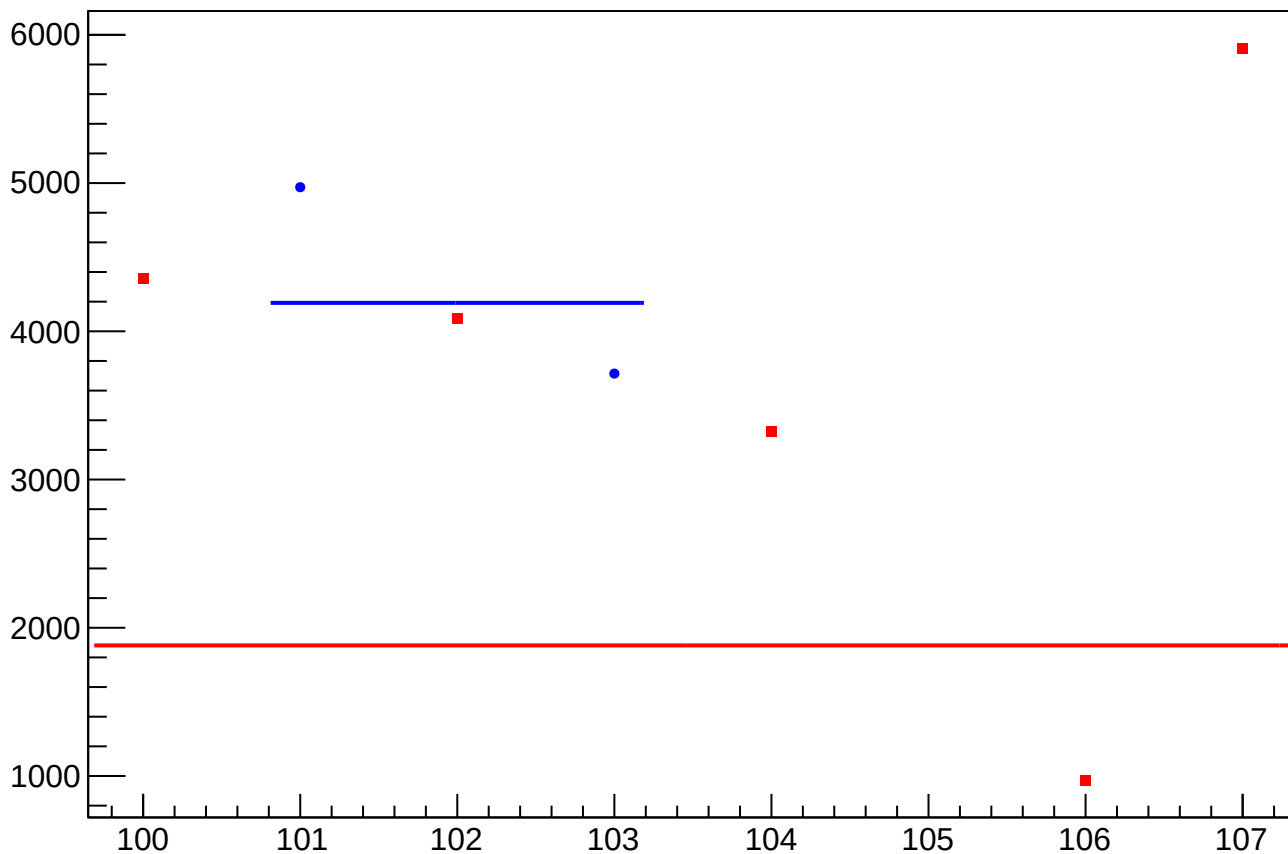
Right: 2489.169+/-1647.826 χ^2/NDF : 6.0/6

In: -2110.460+/-3781.712 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2489.169+/-1647.826 χ^2/NDF : 6.0/6

asym_usl_atl2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 4191.873+/-2.674 χ^2/NDF : 52062.3/1

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

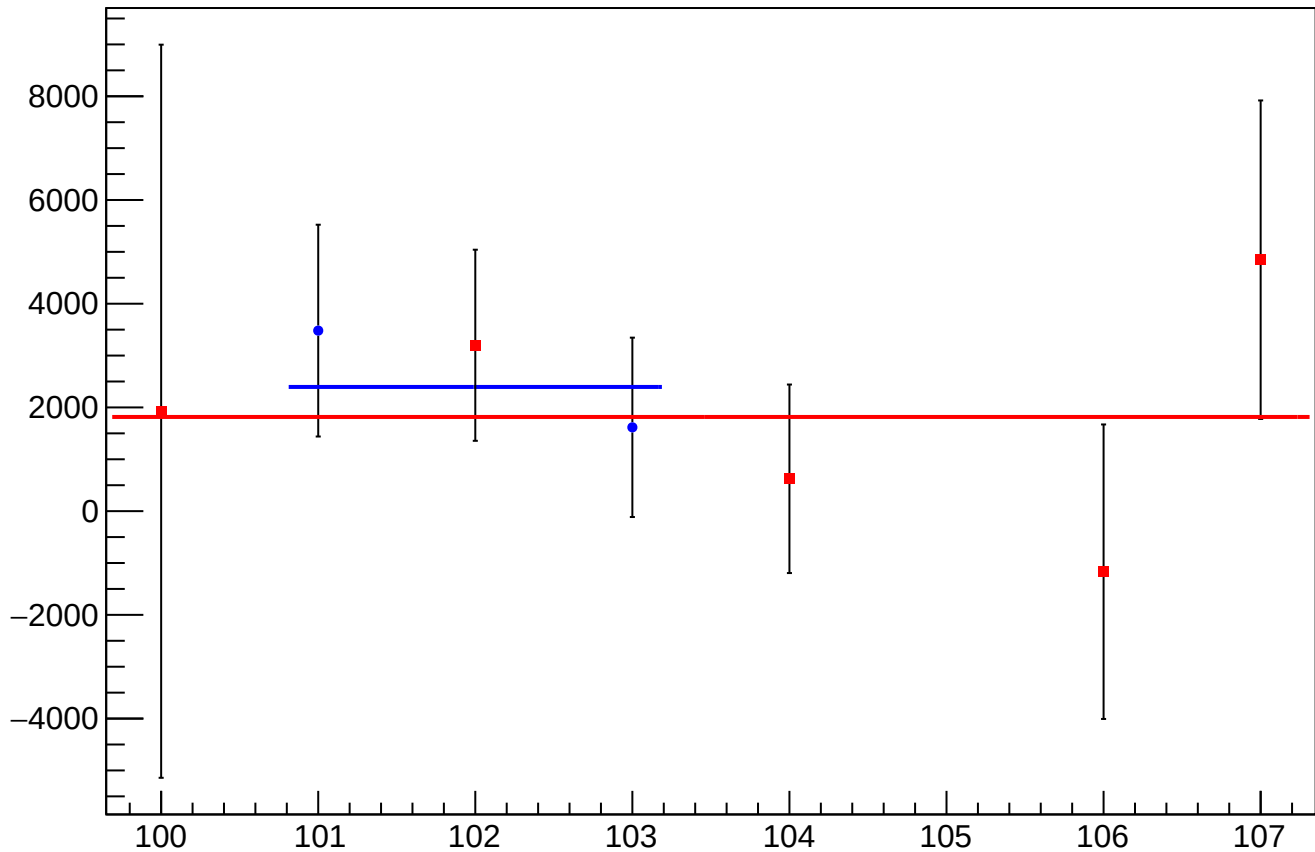
Right: 2319.656+/-1.165 χ^2/NDF : 1819695.7/6

In: 4191.873+/-2.674 χ^2/NDF : 52062.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2319.656+/-1.165 χ^2/NDF : 1819695.7/6

cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2395.023+/-1319.744 χ^2/NDF : 0.5/1

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

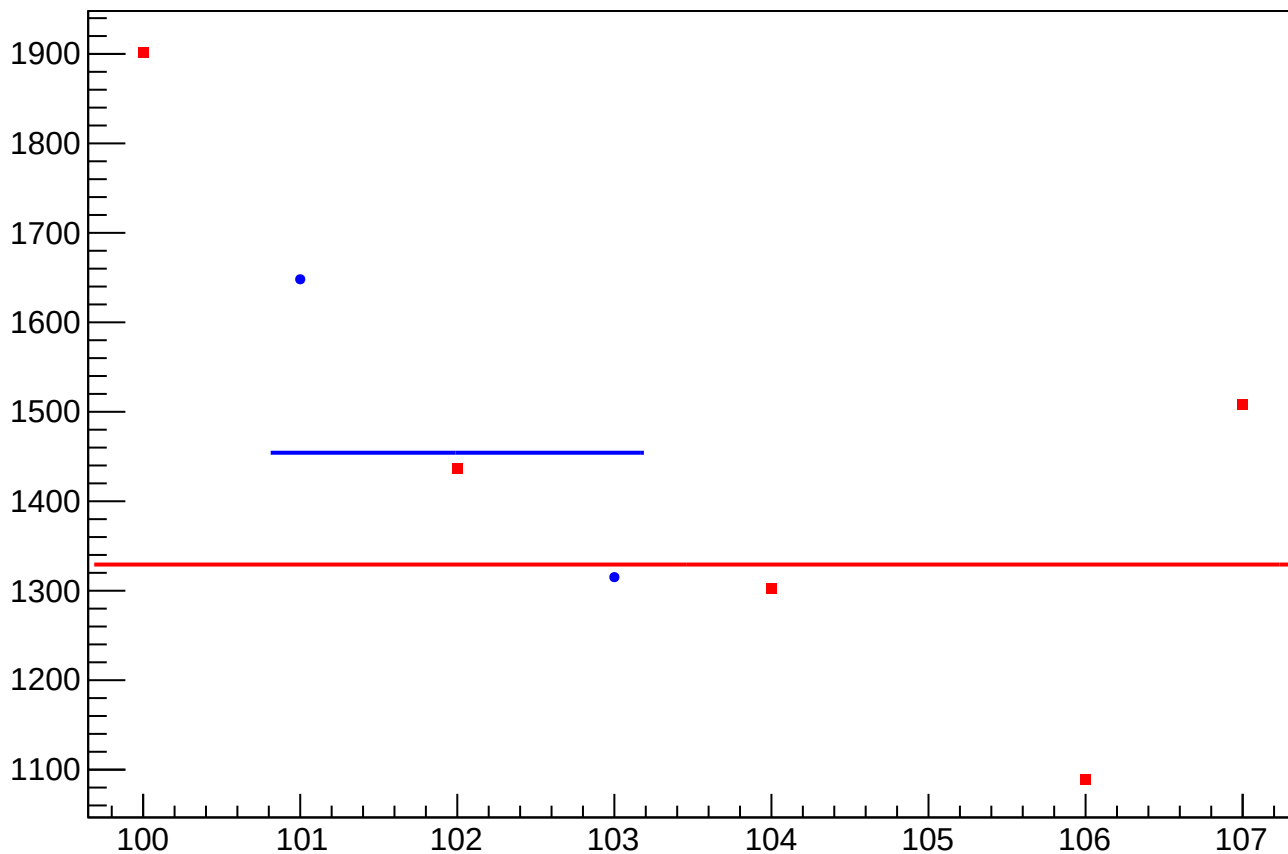
Right: 2050.019+/-838.742 χ^2/NDF : 3.7/6

In: 2395.023+/-1319.744 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2050.019+/-838.742 χ^2/NDF : 3.7/6

cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1454.243 $\pm$ 0.933 χ^2 /NDF: 30959.3/1

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

Right Out: 1329.273 $\pm$ 0.726 χ^2 /NDF: 53036.2/4

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

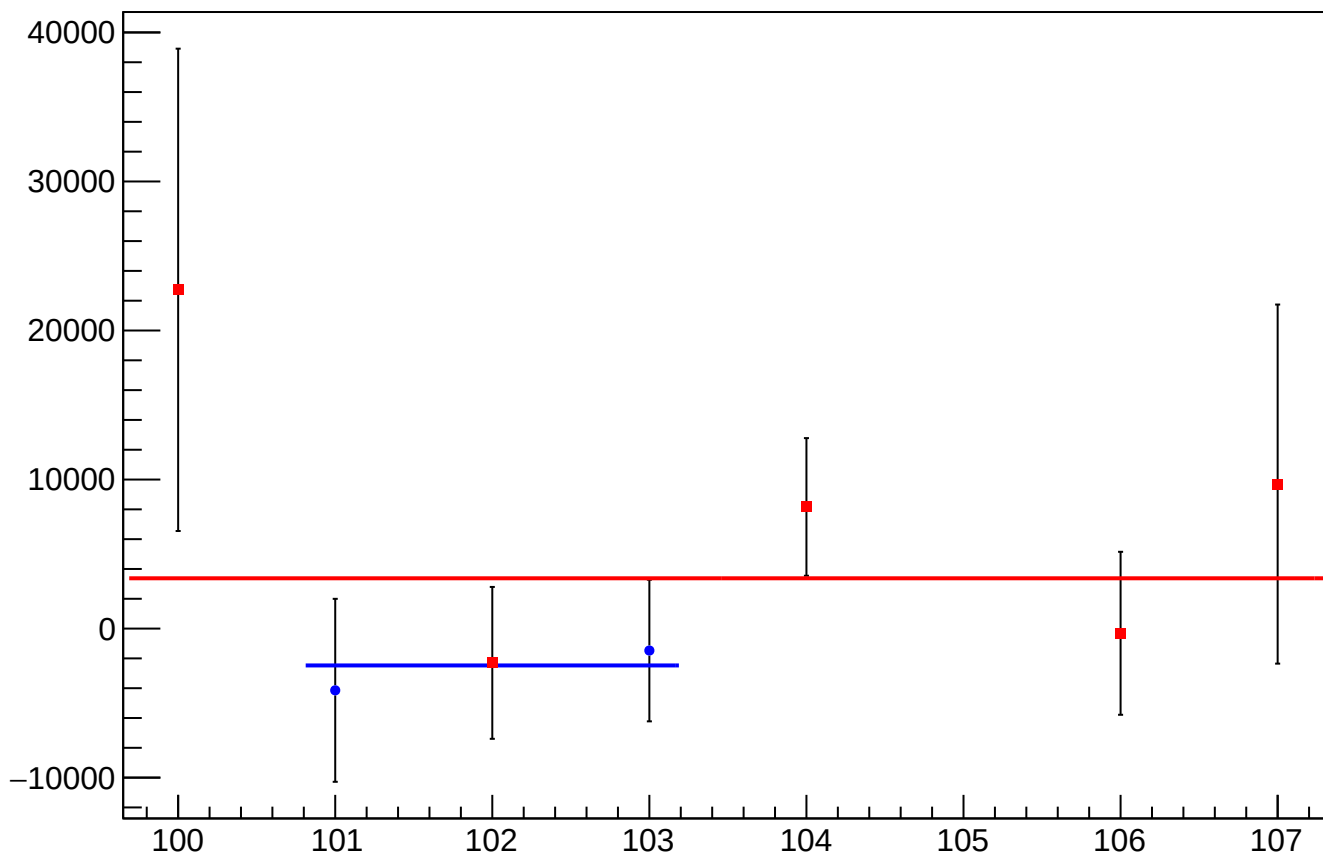
Right: 1376.417 $\pm$ 0.573 χ^2 /NDF: 95163.6/6

In: 1454.243 $\pm$ 0.933 χ^2 /NDF:30959.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1376.417 $\pm$ 0.573 χ^2 /NDF: 95163.6/6

asym_usl_atl2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -2472.707+/-3757.421 χ^2/NDF : 0.1/1

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

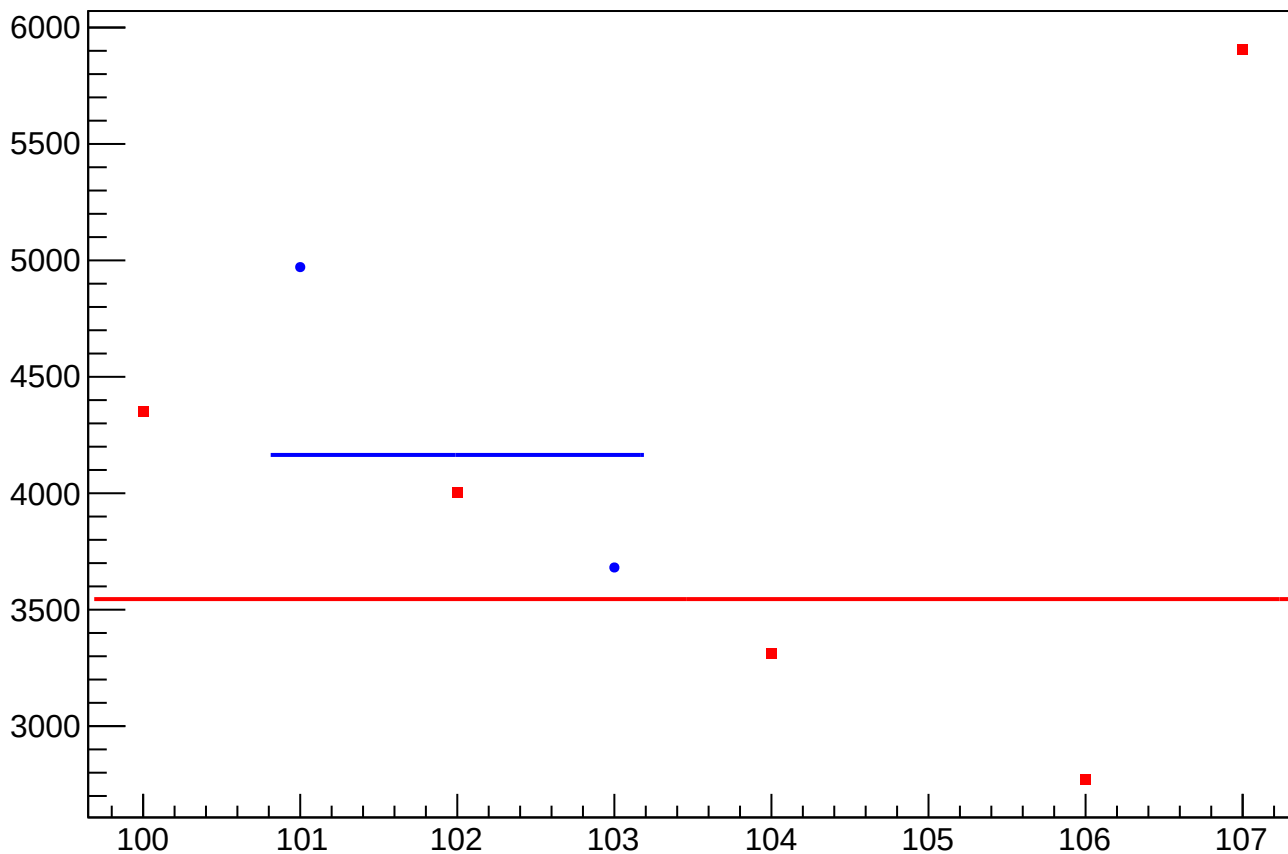
Right: 1307.948+/-2233.818 χ^2/NDF : 6.2/6

In: -2472.707+/-3757.421 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1307.948+/-2233.818 χ^2/NDF : 6.2/6

asym_usl_atl2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 4164.596+/-2.657 χ^2/NDF : 55229.3/1

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

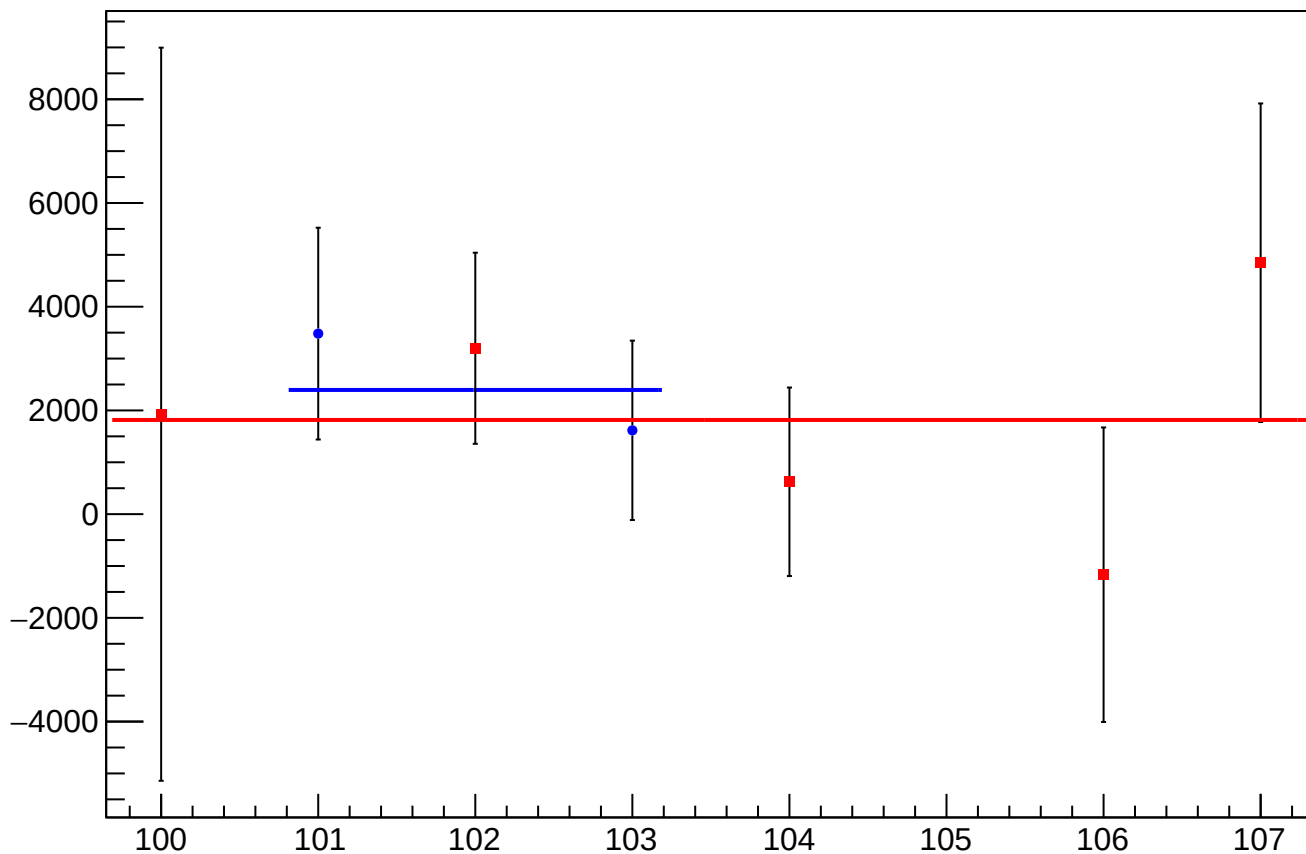
Right: 3764.302+/-1.580 χ^2/NDF : 233738.8/6

In: 4164.596+/-2.657 χ^2/NDF : 55229.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3764.302+/-1.580 χ^2/NDF : 233738.8/6

eigen_cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2395.023+/-1319.744 χ^2 /NDF: 0.5/1

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

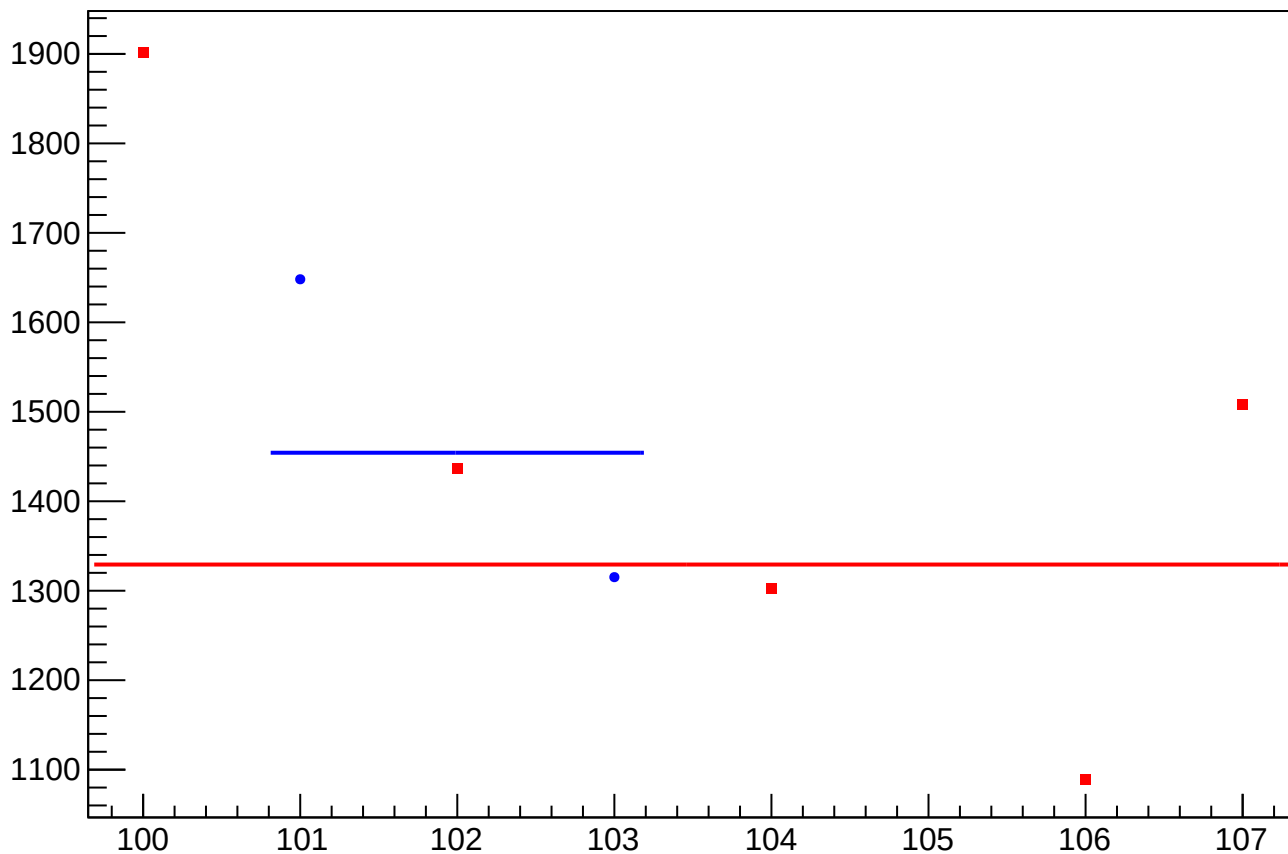
Right: 2050.019+/-838.742 χ^2 /NDF: 3.7/6

In: 2395.023+/-1319.744 χ^2 /NDF:0.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2050.019+/-838.742 χ^2 /NDF: 3.7/6

eigen_cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1454.243 $\pm$ 0.933 χ^2 /NDF: 30959.3/1

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

Right Out: 1329.273 $\pm$ 0.726 χ^2 /NDF: 53036.2/4

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

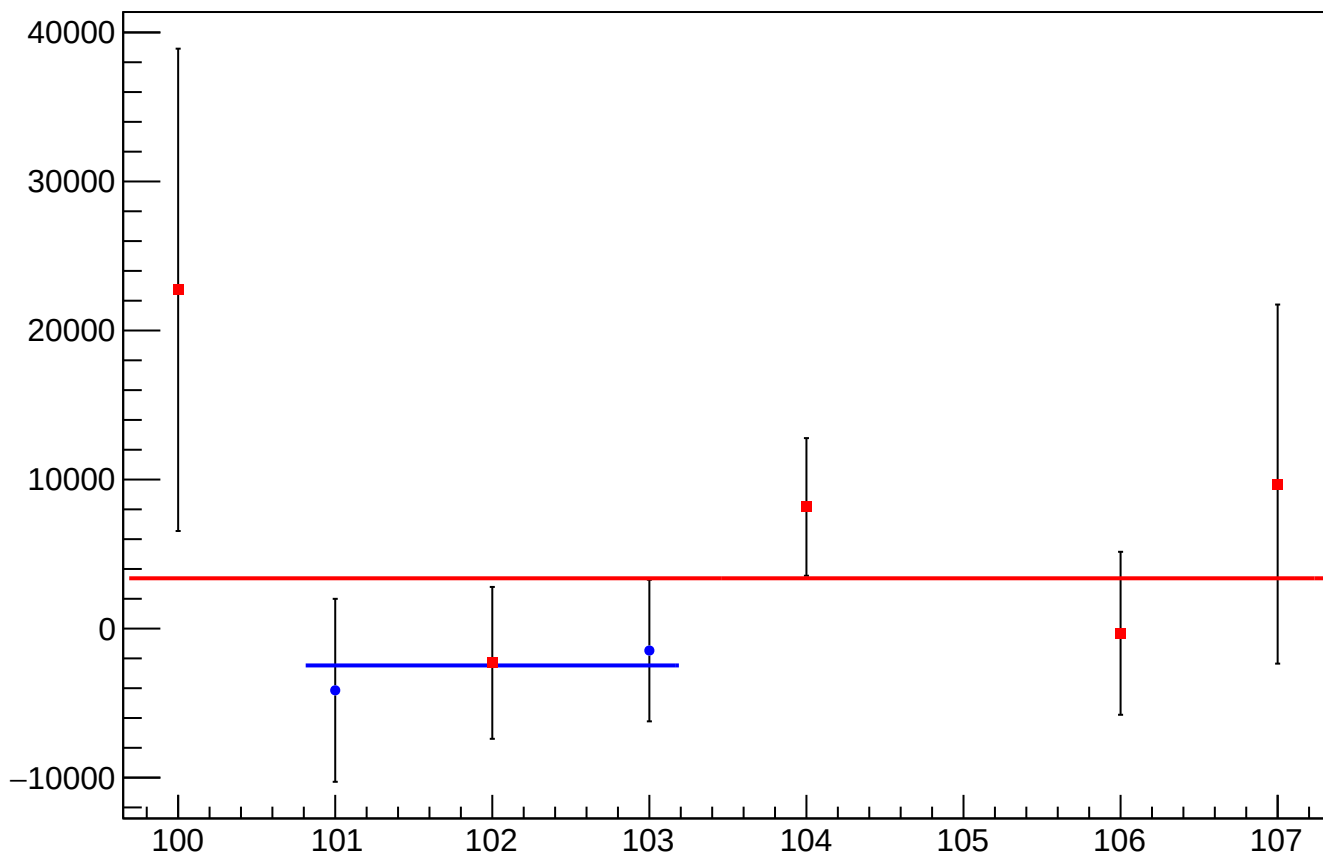
Right: 1376.417 $\pm$ 0.573 χ^2 /NDF: 95163.6/6

In: 1454.243 $\pm$ 0.933 χ^2 /NDF:30959.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1376.417 $\pm$ 0.573 χ^2 /NDF: 95163.6/6

asym_usl_atl2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -2472.707+/-3757.421 χ^2/NDF : 0.1/1

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

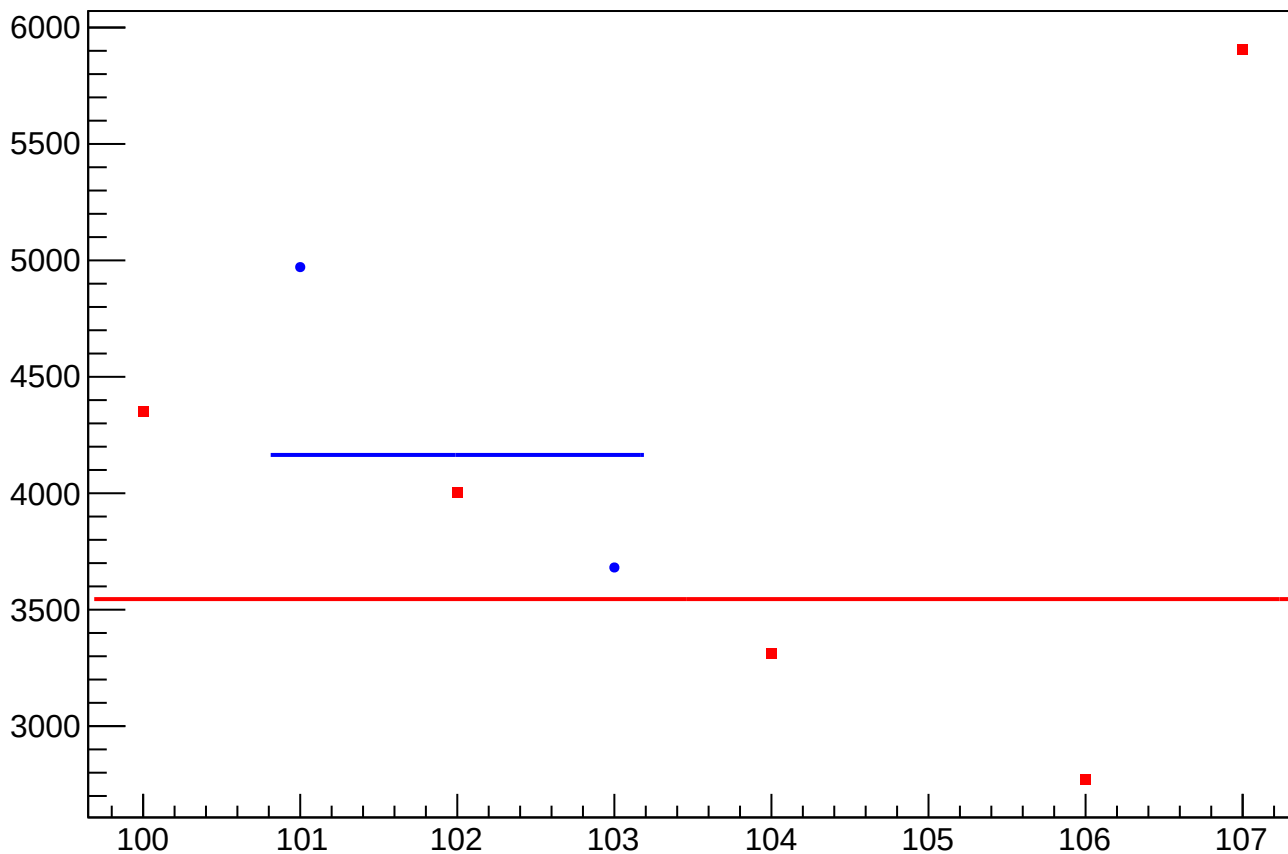
Right: 1307.948+/-2233.818 χ^2/NDF : 6.2/6

In: -2472.707+/-3757.421 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1307.948+/-2233.818 χ^2/NDF : 6.2/6

asym_usl_atl2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4164.596+/-2.657 χ^2/NDF : 55229.3/1

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

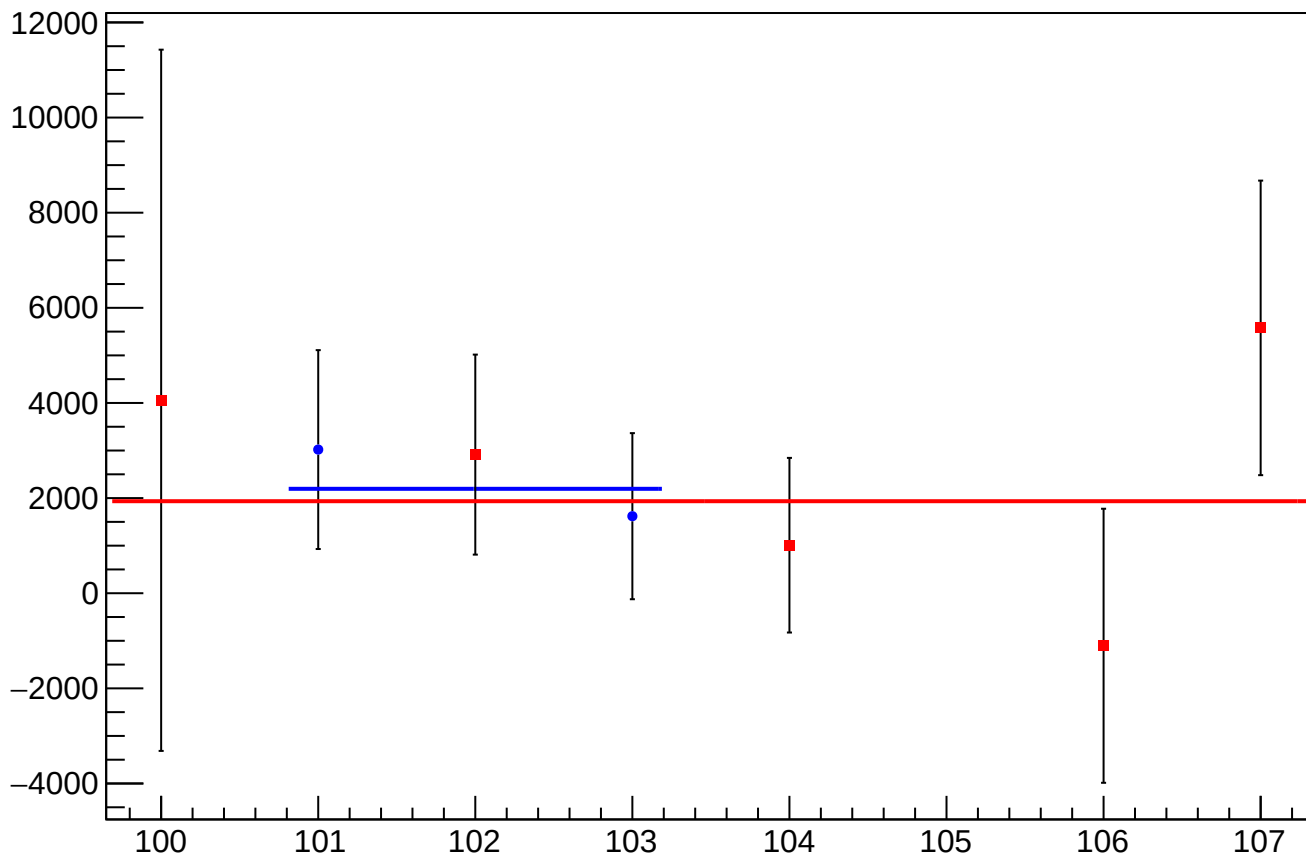
Right: 3764.302+/-1.580 χ^2/NDF : 233738.8/6

In: 4164.596+/-2.657 χ^2/NDF : 55229.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3764.302+/-1.580 χ^2/NDF : 233738.8/6

dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2195.092+/-1340.004 χ^2/NDF : 0.3/1

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

Right Out: 1934.609+/-1142.430 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

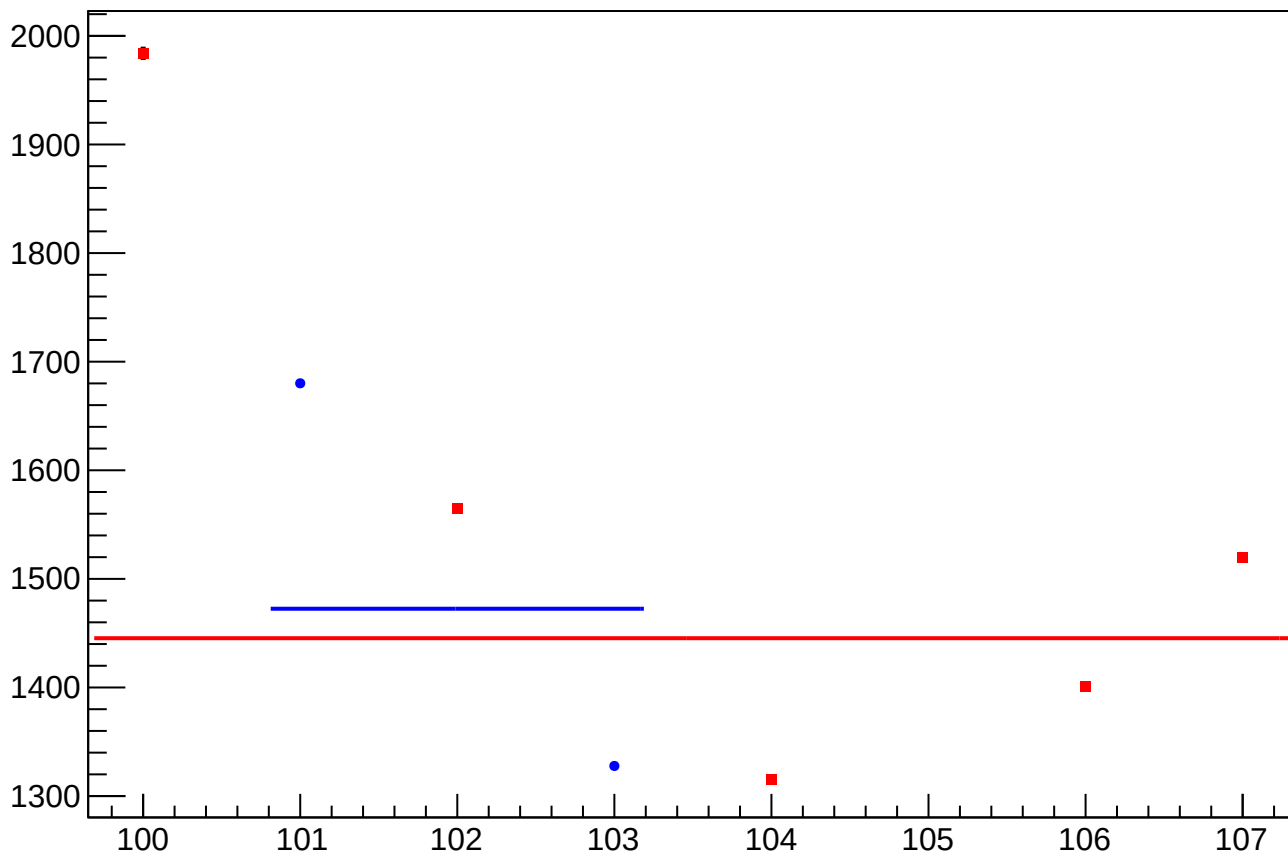
Right: 2044.249+/-869.364 χ^2/NDF : 3.3/6

In: 2195.092+/-1340.004 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2044.249+/-869.364 χ^2/NDF : 3.3/6

dit_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1472.516+/-0.948 χ^2/NDF : 33470.8/1

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

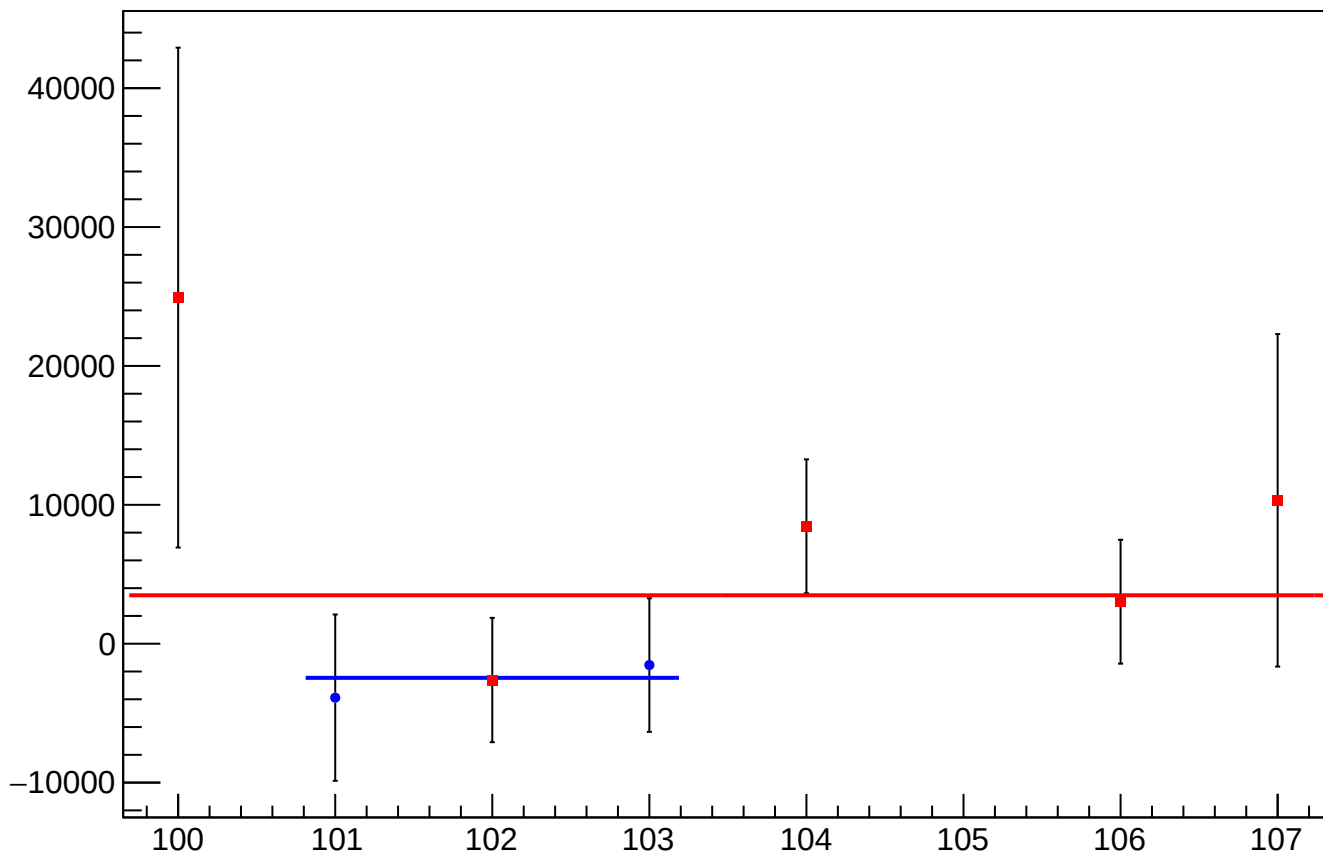
Right: 1456.638+/-0.610 χ^2/NDF : 62851.1/6

In: 1472.516+/-0.948 χ^2/NDF : 33470.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1456.638+/-0.610 χ^2/NDF : 62851.1/6

asym_usl_atl2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -2456.643+/-3749.723 χ^2/NDF : 0.1/1

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

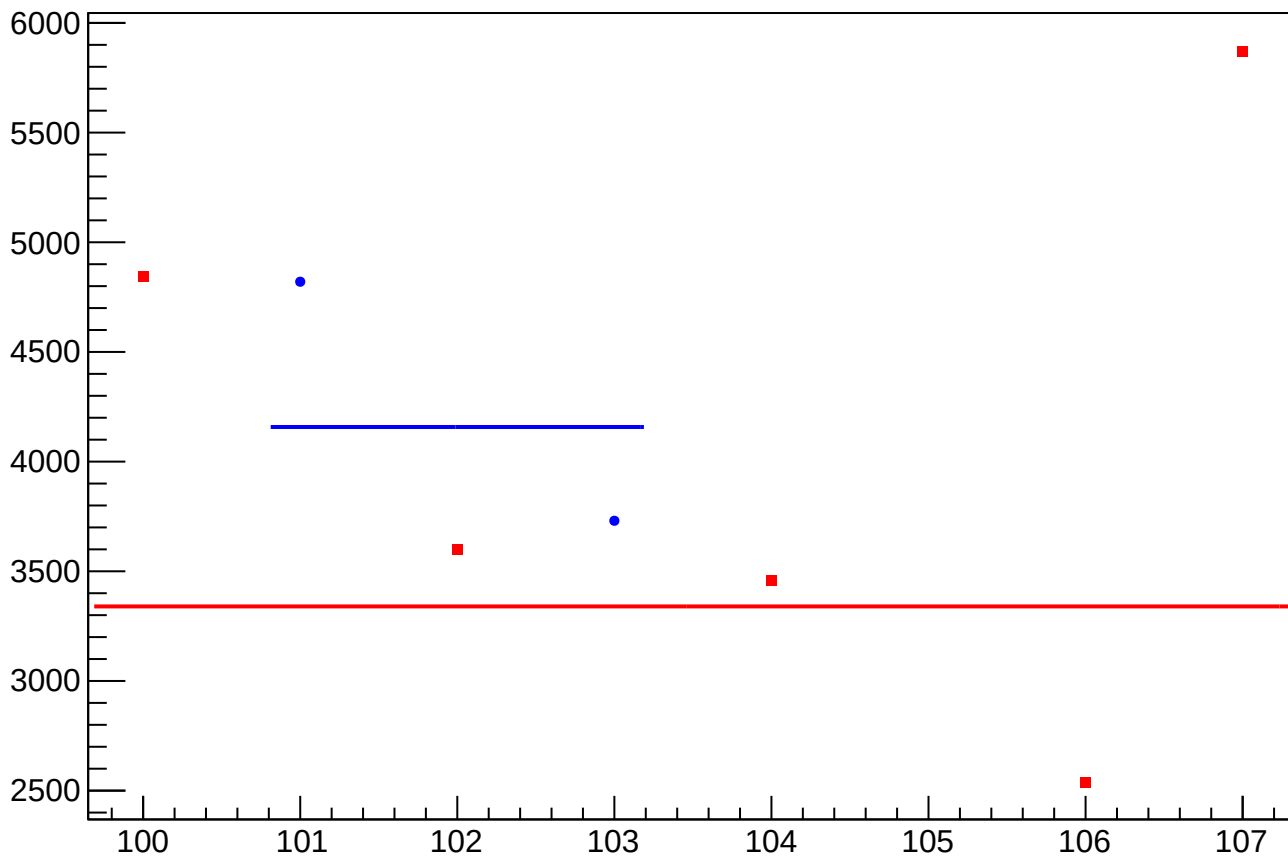
Right: 1604.171+/-2110.798 χ^2/NDF : 6.5/6

In: -2456.643+/-3749.723 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1604.171+/-2110.798 χ^2/NDF : 6.5/6

asym_usl_atl2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4157.841+/-2.651 χ^2/NDF : 40273.3/1

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

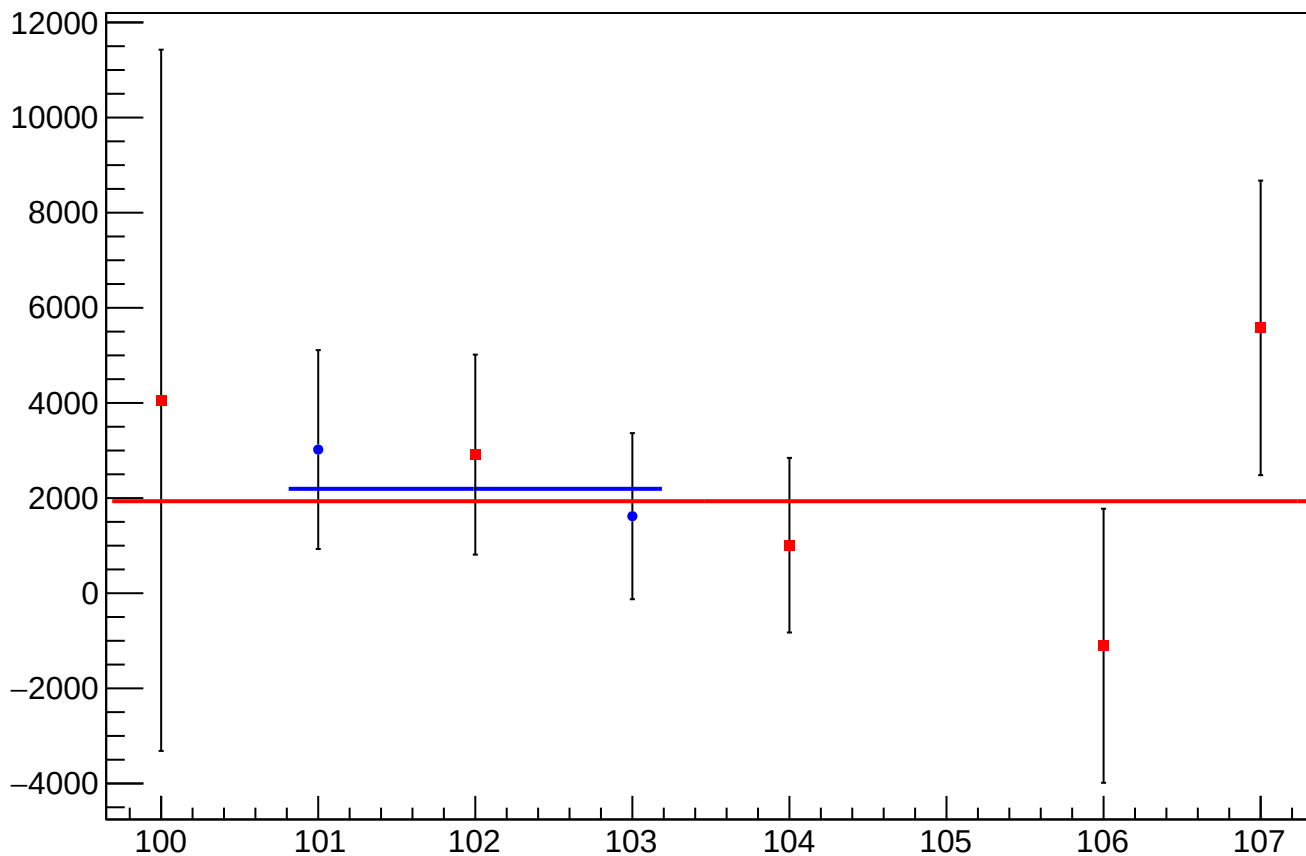
Right: 3599.018+/-1.493 χ^2/NDF : 280932.1/6

In: 4157.841+/-2.651 χ^2/NDF : 40273.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3599.018+/-1.493 χ^2/NDF : 280932.1/6

eigen_dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2195.094+/-1340.004 χ^2/NDF : 0.3/1

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

Right Out: 1934.606+/-1142.430 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

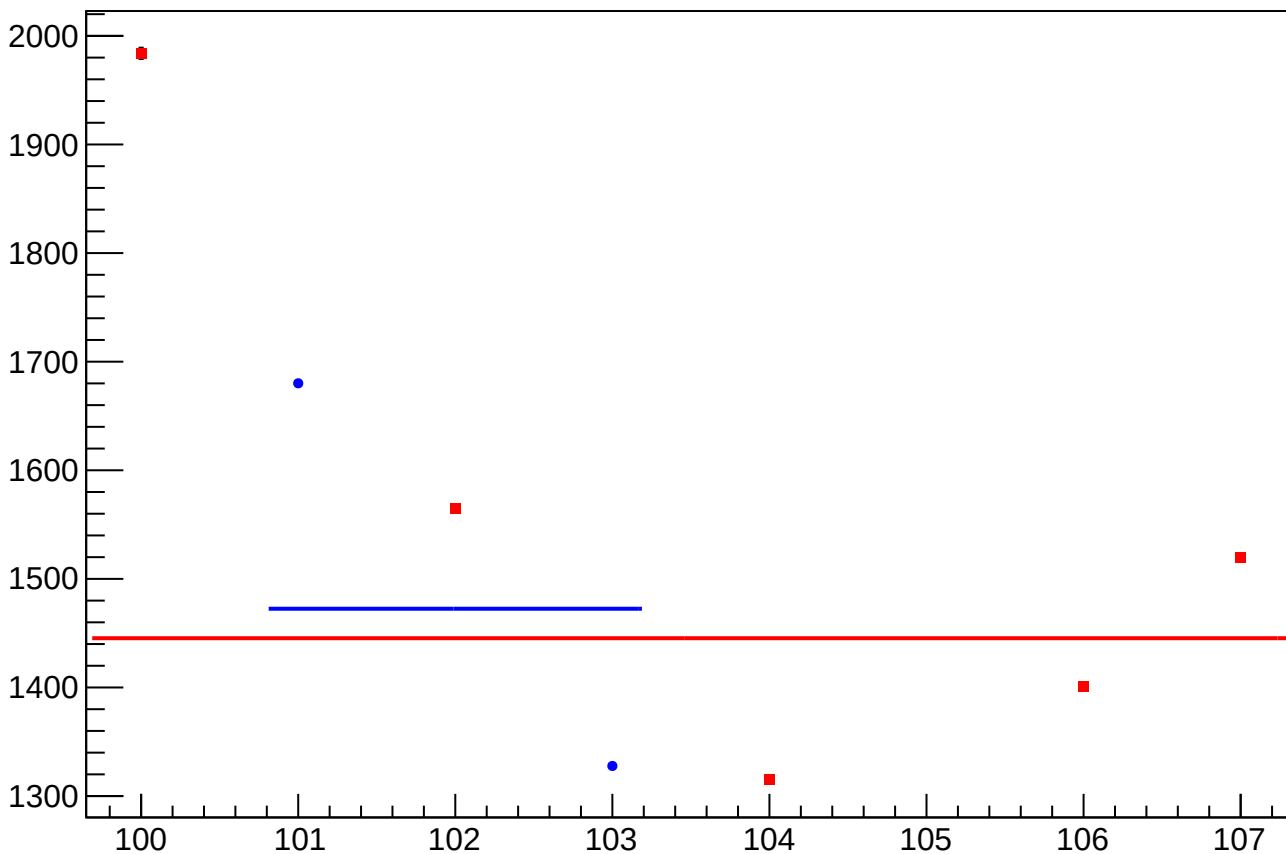
Right: 2044.249+/-869.364 χ^2/NDF : 3.3/6

In: 2195.094+/-1340.004 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2044.249+/-869.364 χ^2/NDF : 3.3/6

eigen_dit_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1472.516+/-0.948 χ^2/NDF : 33470.7/1

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

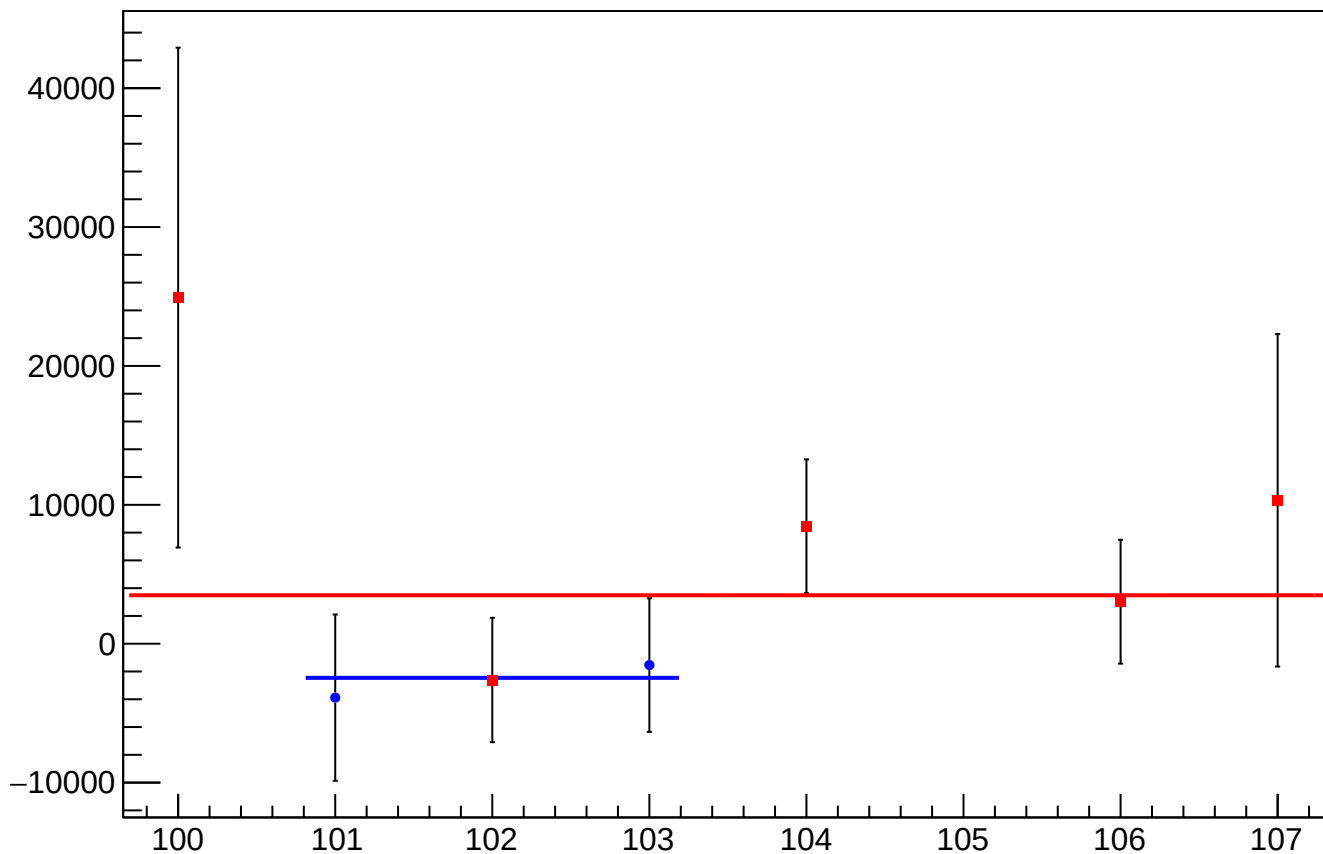
Right: 1456.638+/-0.610 χ^2/NDF : 62851.1/6

In: 1472.516+/-0.948 χ^2/NDF : 33470.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1456.638+/-0.610 χ^2/NDF : 62851.1/6

asym_usl_atl2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -2456.642+/-3749.720 χ^2/NDF : 0.1/1

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

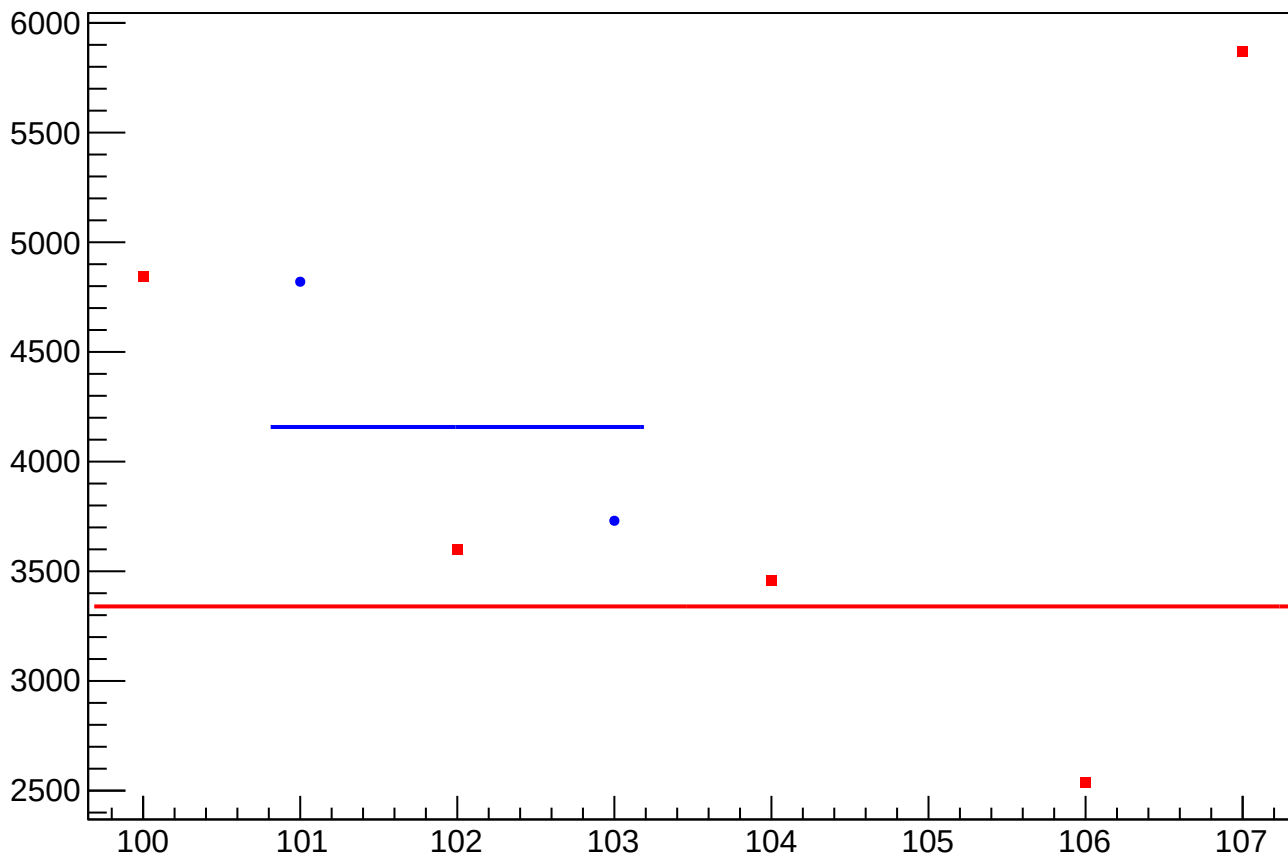
Right: 1604.172+/-2110.796 χ^2/NDF : 6.5/6

In: -2456.642+/-3749.720 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1604.172+/-2110.796 χ^2/NDF : 6.5/6

asym_usl_atl2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4157.838+/-2.651 χ^2/NDF : 40273.0/1

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

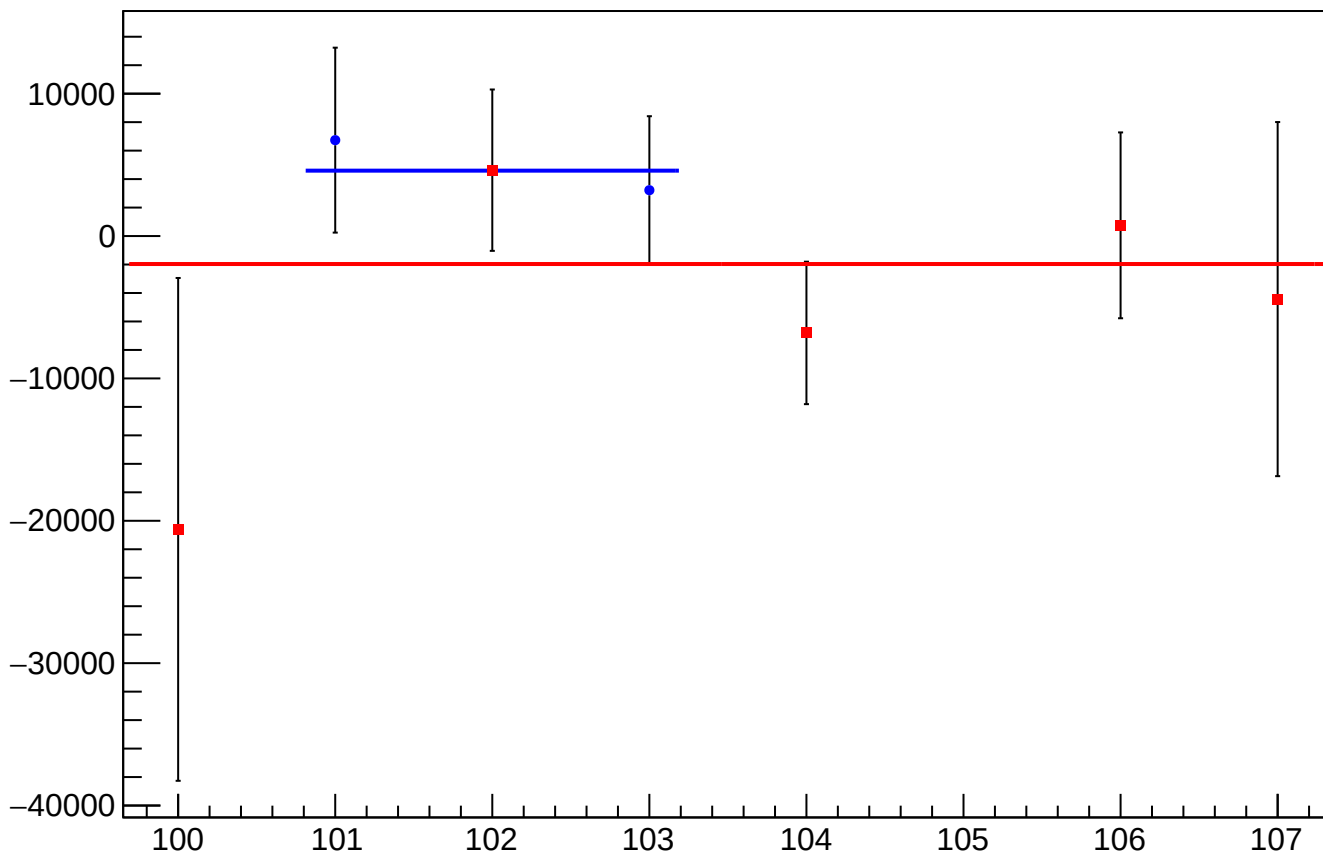
Right: 3599.014+/-1.493 χ^2/NDF : 280932.6/6

In: 4157.838+/-2.651 χ^2/NDF : 40273.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3599.014+/-1.493 χ^2/NDF : 280932.6/6

asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 4593.280+/-4057.073 χ^2 /NDF: 0.2/1

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

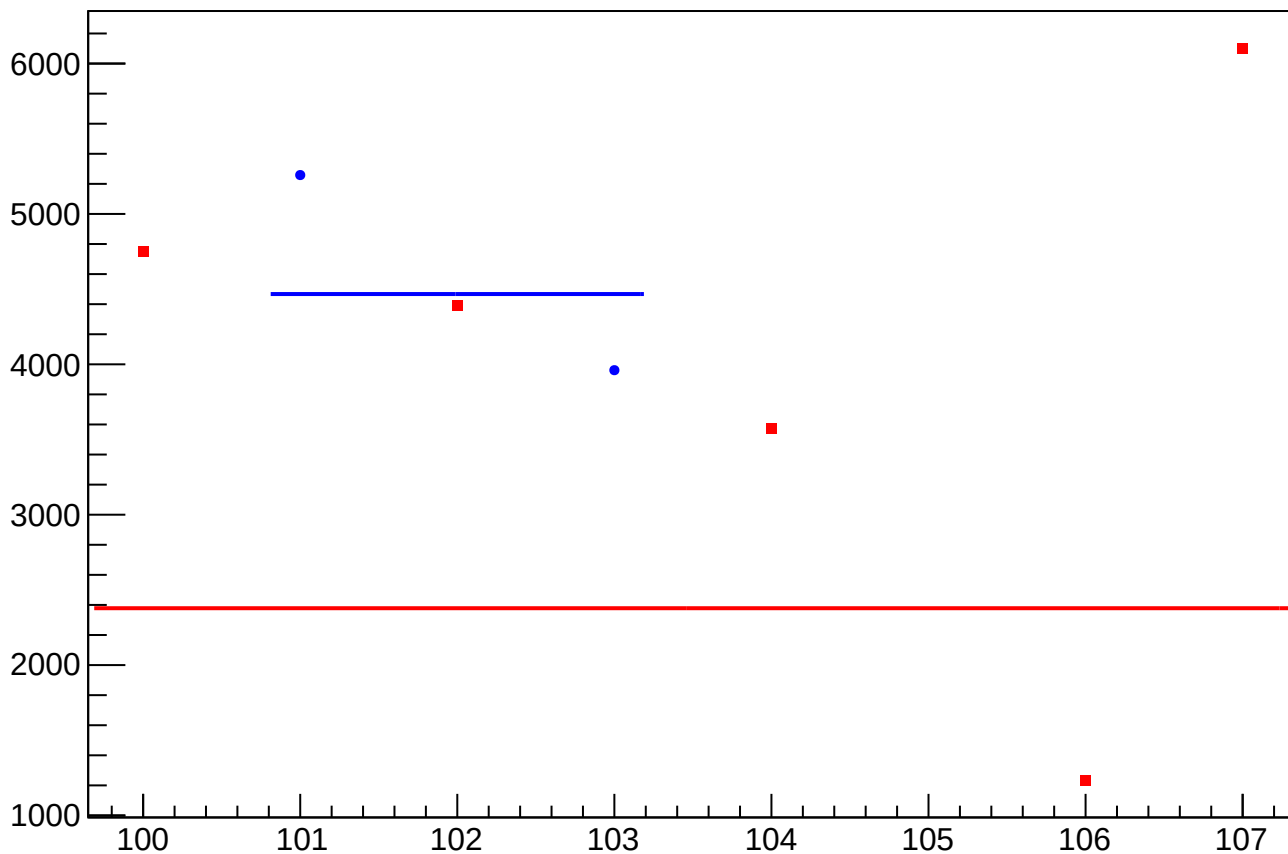
Right: 450.078+/-2461.888 χ^2 /NDF: 5.4/6

In: 4593.280+/-4057.073 χ^2 /NDF:0.2/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 450.078+/-2461.888 χ^2 /NDF: 5.4/6

asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 4467.349+/-2.869 χ^2/NDF : 48677.5/1

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

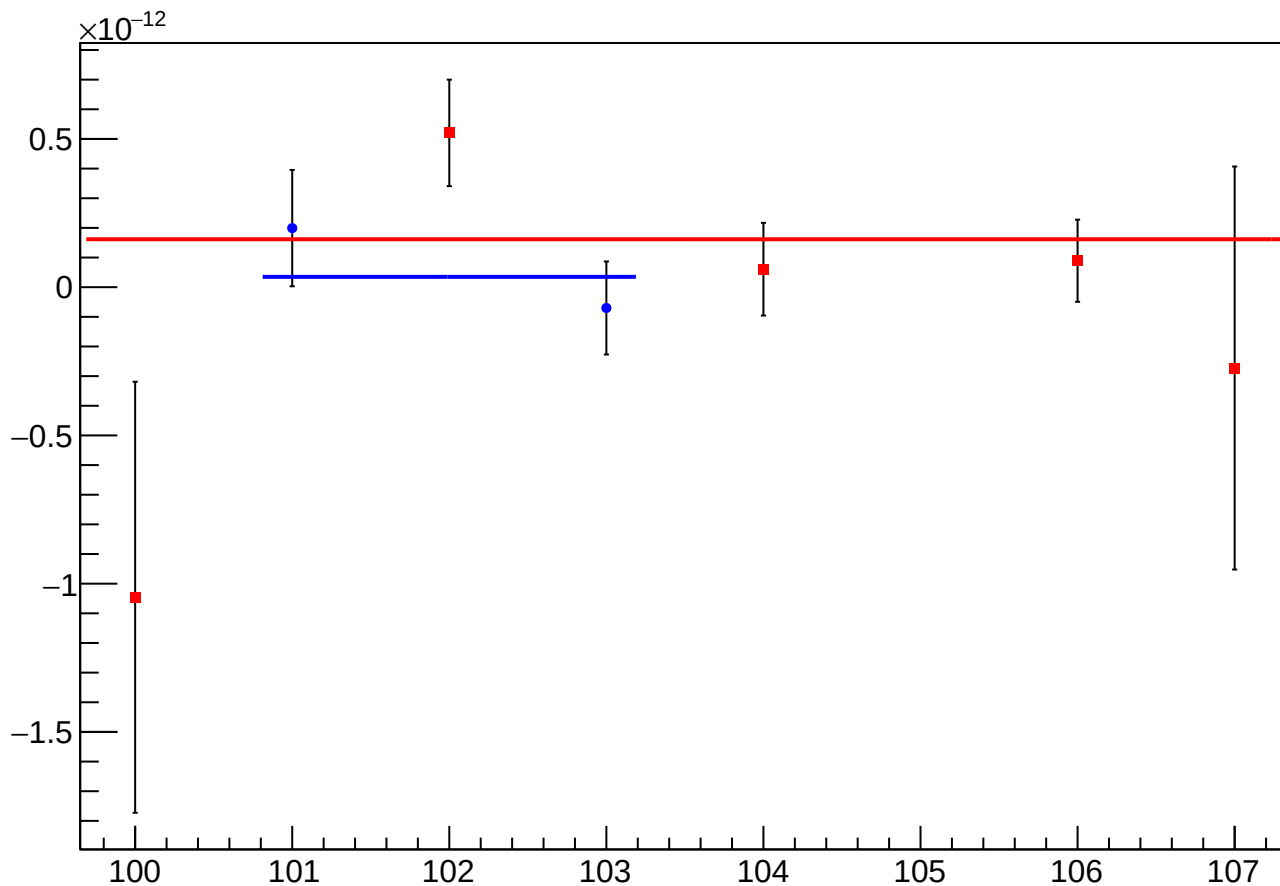
Right: 2856.334+/-1.372 χ^2/NDF : 1363548.0/6

In: 4467.349+/-2.869 χ^2/NDF : 48677.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2856.334+/-1.372 χ^2/NDF : 1363548.0/6

asym_usl_atl2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.1/1

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

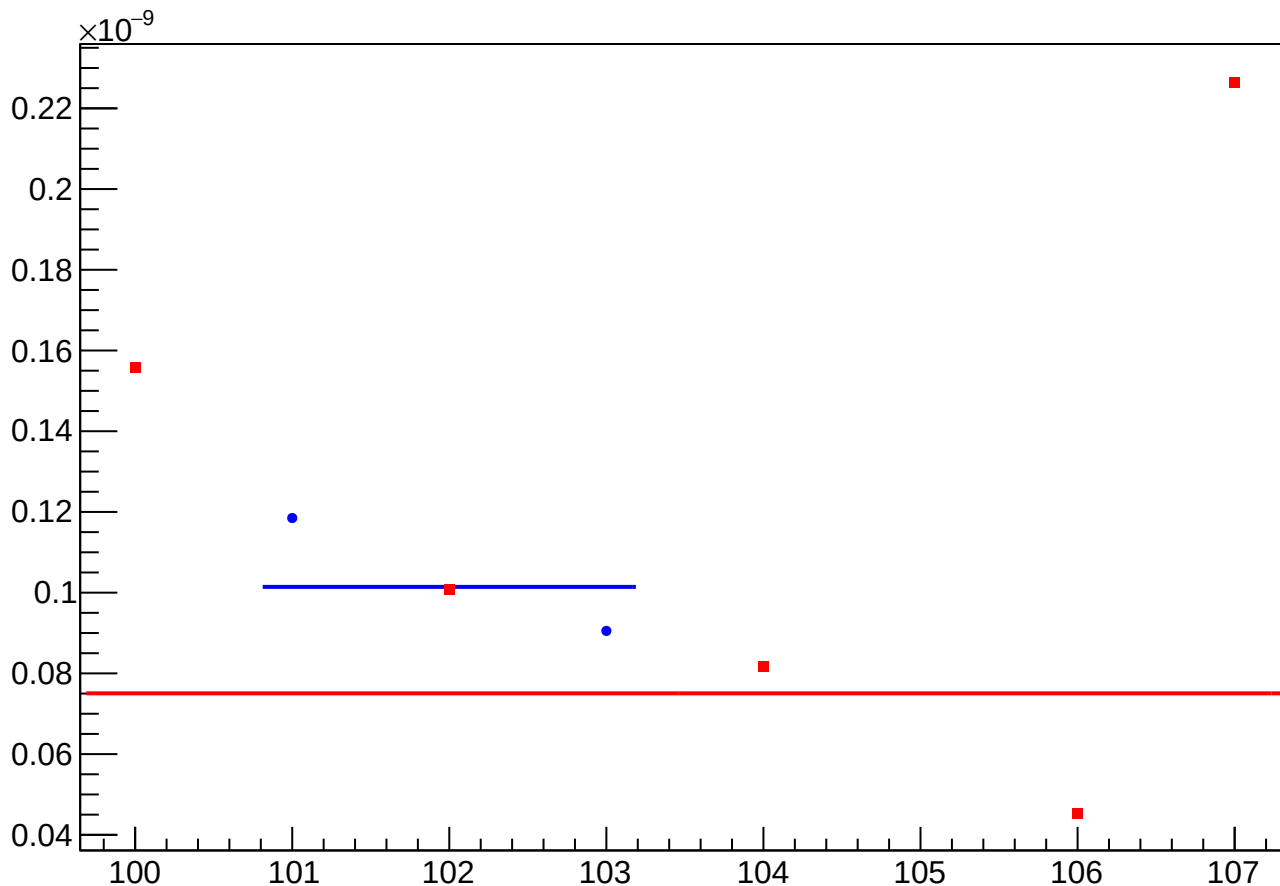
Right: 0.000+/-0.000 χ^2/NDF : 9.7/6

In: 0.000+/-0.000 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.7/6

asym_usl_atl2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 24792.3/1

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

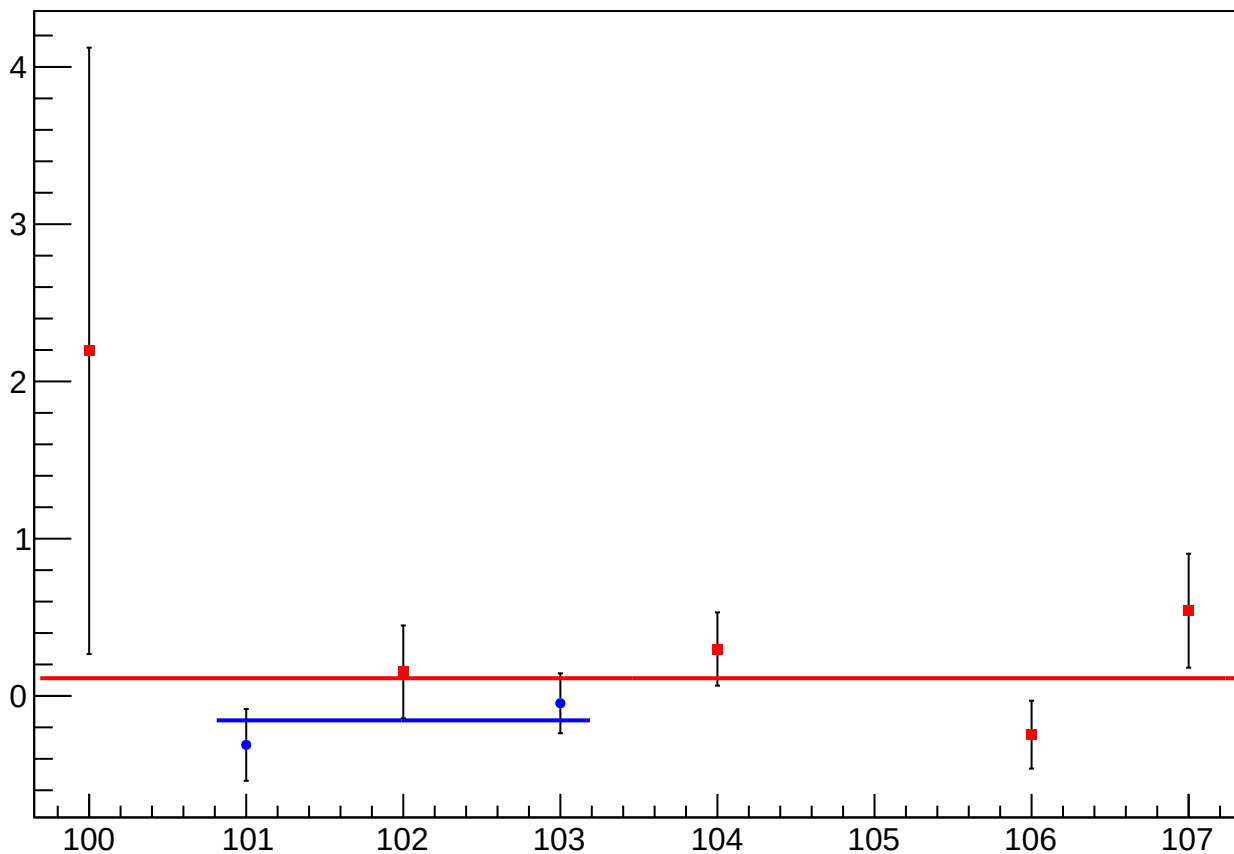
Right: 0.000+/-0.000 χ^2/NDF : 346653.5/6

In: 0.000+/-0.000 χ^2/NDF : 24792.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 346653.5/6

asym_usl_atl2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.155+/-0.146 χ^2/NDF : 0.8/1

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

Right Out: 0.113+/-0.130 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

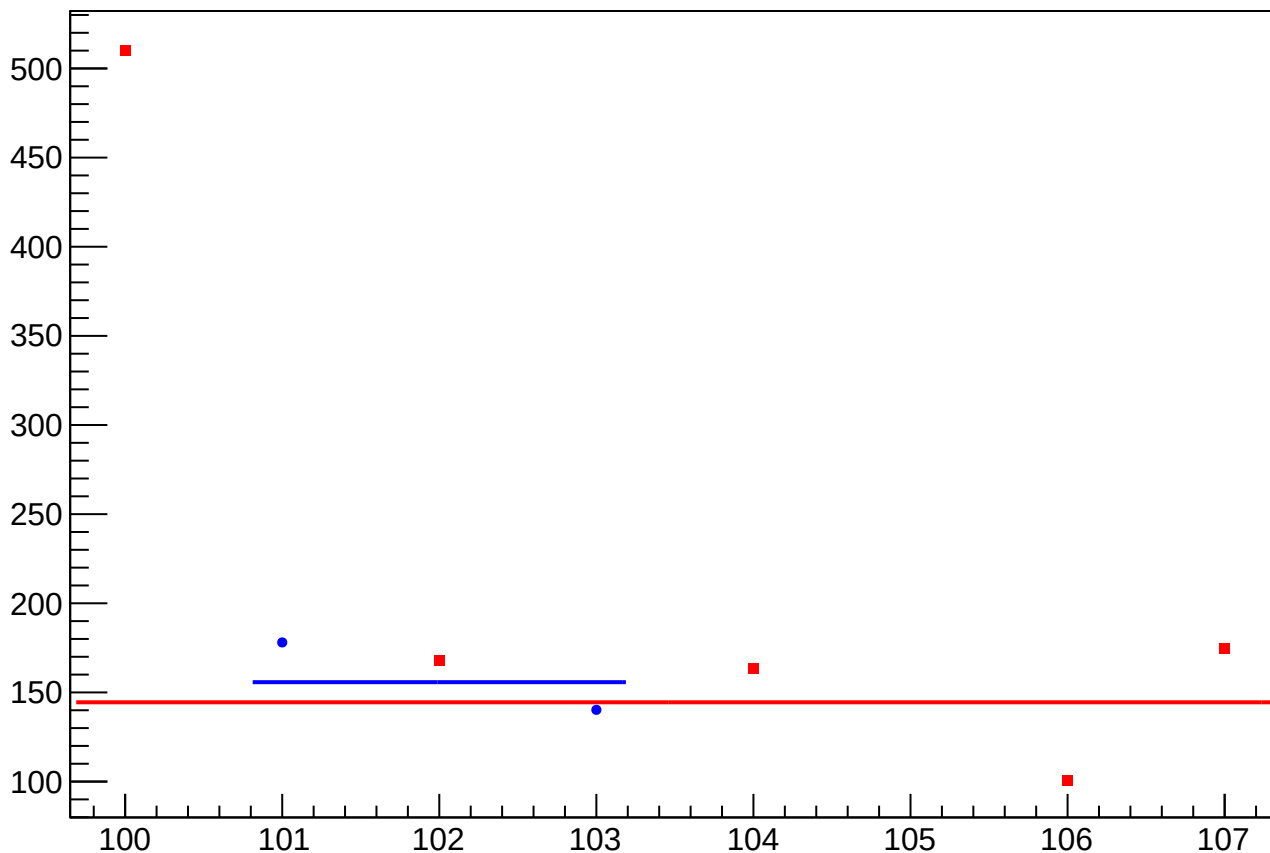
Right: -0.006+/-0.097 χ^2/NDF : 8.7/6

In: -0.155+/-0.146 χ^2/NDF : 0.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.097 χ^2/NDF : 8.7/6

asym_usl_atl2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 155.752 $\pm$ 0.103 χ^2 /NDF: 32324.2/1

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

Right Out: 144.465 $\pm$ 0.092 χ^2 /NDF: 194036.9/4

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

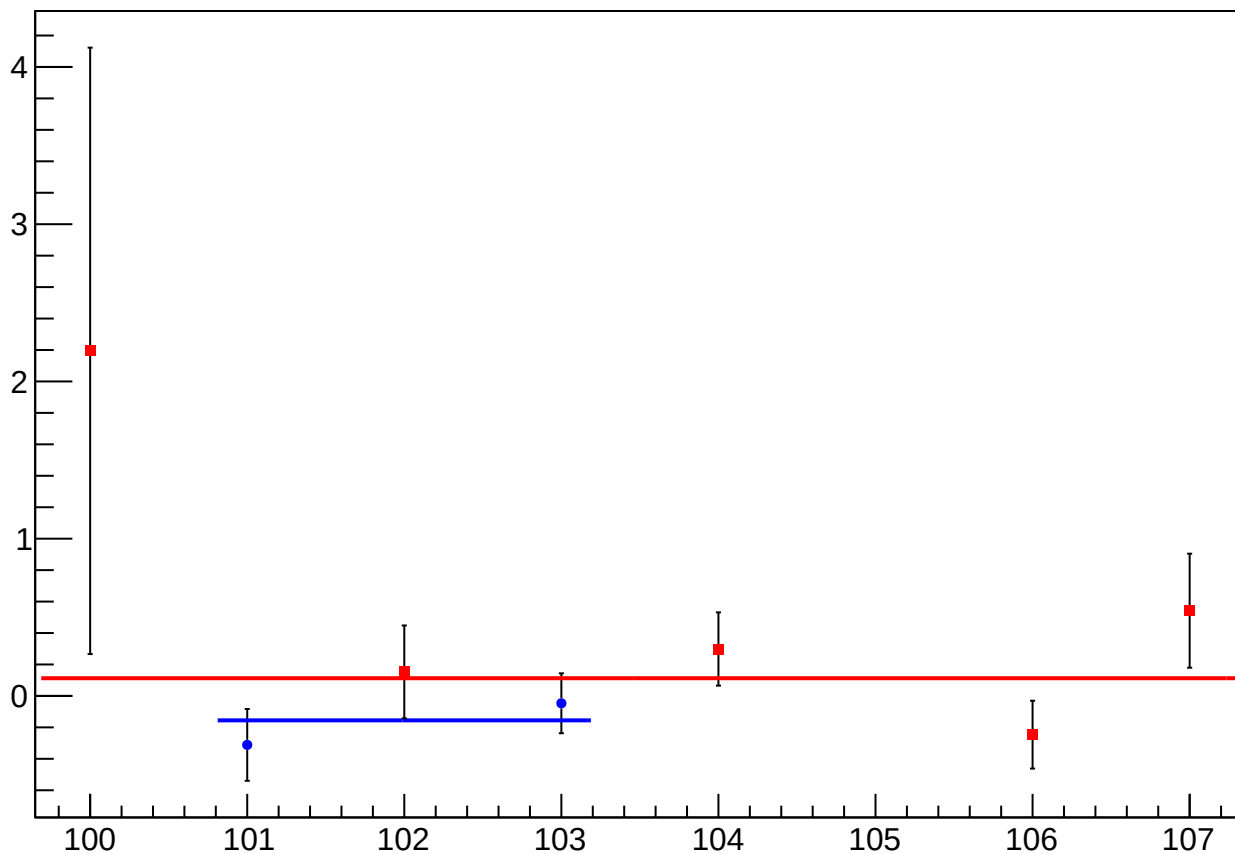
Right: 149.443 $\pm$ 0.069 χ^2 /NDF: 233017.3/6

In: 155.752 $\pm$ 0.103 χ^2 /NDF:32324.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 149.443 $\pm$ 0.069 χ^2 /NDF: 233017.3/6

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.155 $\pm$ 0.146 χ^2 /NDF: 0.8/1

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

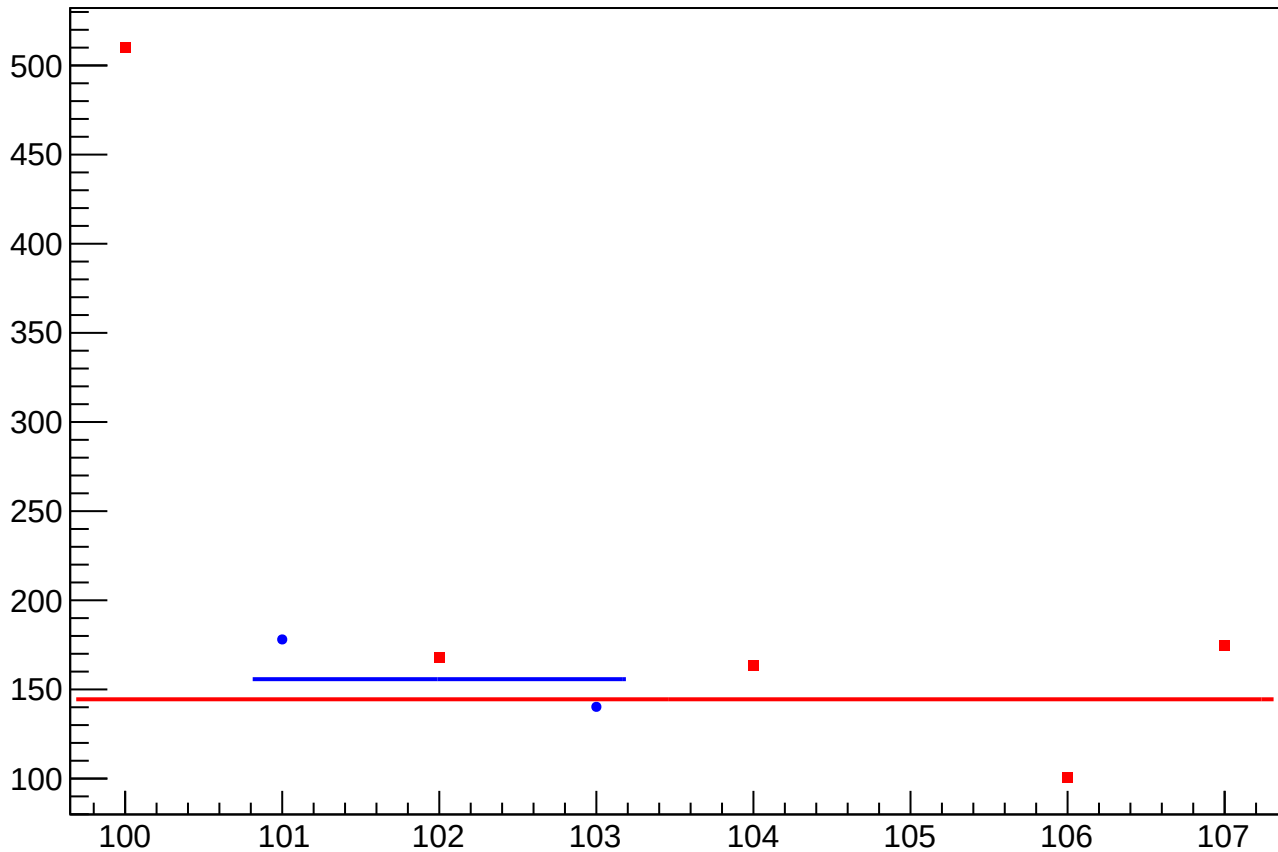
Right: -0.006 $\pm$ 0.097 χ^2 /NDF: 8.7/6

In: -0.155 $\pm$ 0.146 χ^2 /NDF:0.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.006 $\pm$ 0.097 χ^2 /NDF: 8.7/6

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 155.752 $\pm$ 0.103 χ^2 /NDF: 32324.2/1

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

Right Out: 144.465 $\pm$ 0.092 χ^2 /NDF: 194036.9/4

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

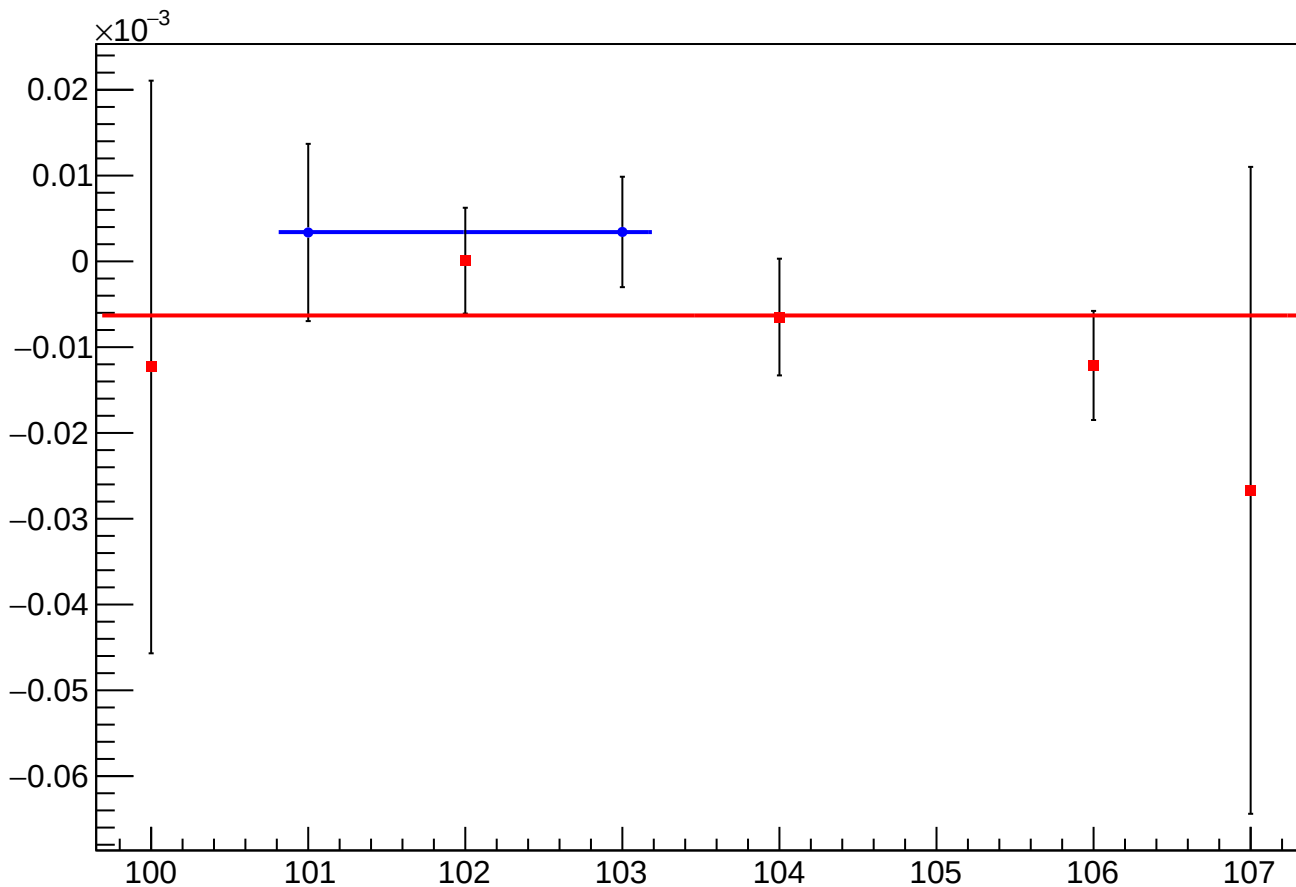
Right: 149.443 $\pm$ 0.069 χ^2 /NDF: 233017.3/6

In: 155.752 $\pm$ 0.103 χ^2 /NDF:32324.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 149.443 $\pm$ 0.069 χ^2 /NDF: 233017.3/6

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/1

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

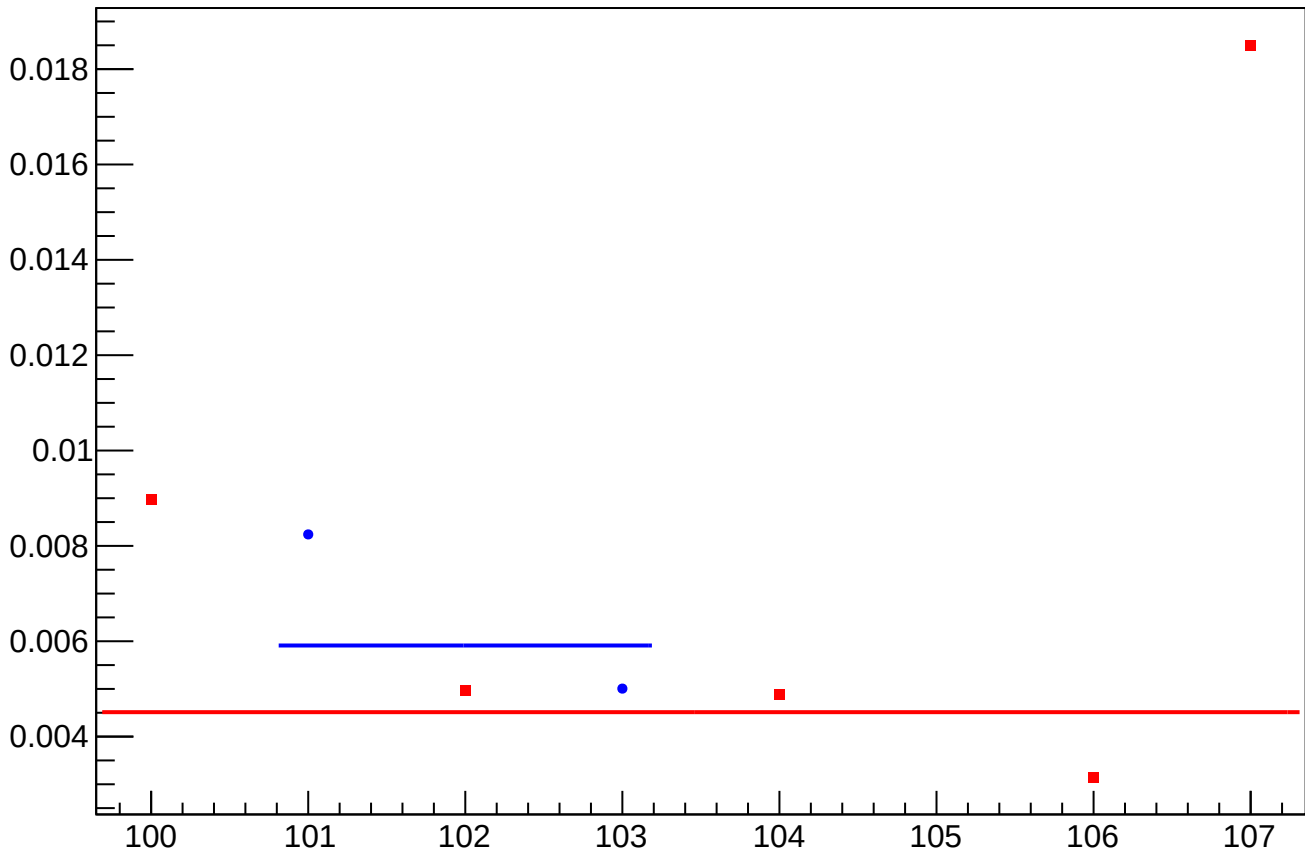
Right: -0.000+/-0.000 χ^2/NDF : 4.4/6

In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.4/6

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 141233.4/1

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

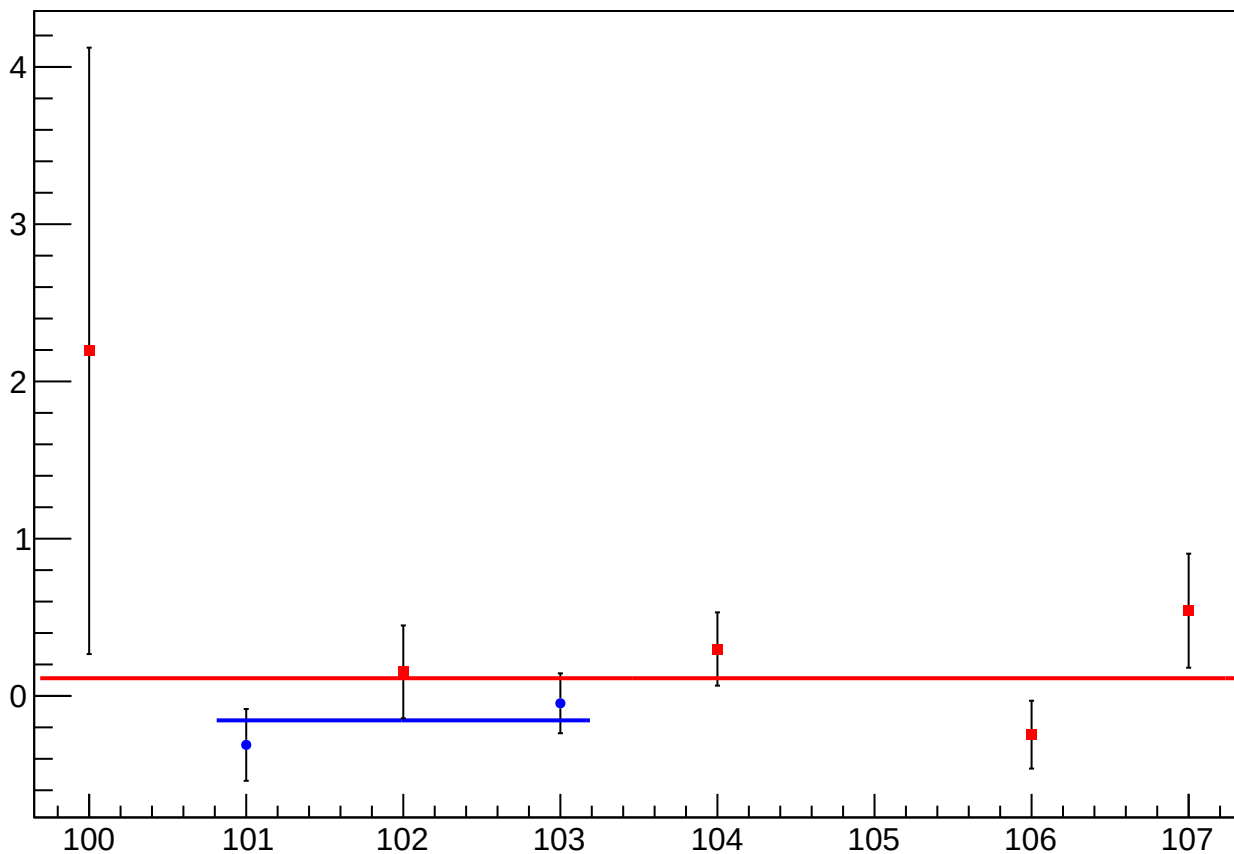
Right: 0.005+/-0.000 χ^2/NDF : 652311.2/6

In: 0.006+/-0.000 χ^2/NDF : 141233.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 652311.2/6

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.155 $\pm$ 0.146 χ^2 /NDF: 0.8/1

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

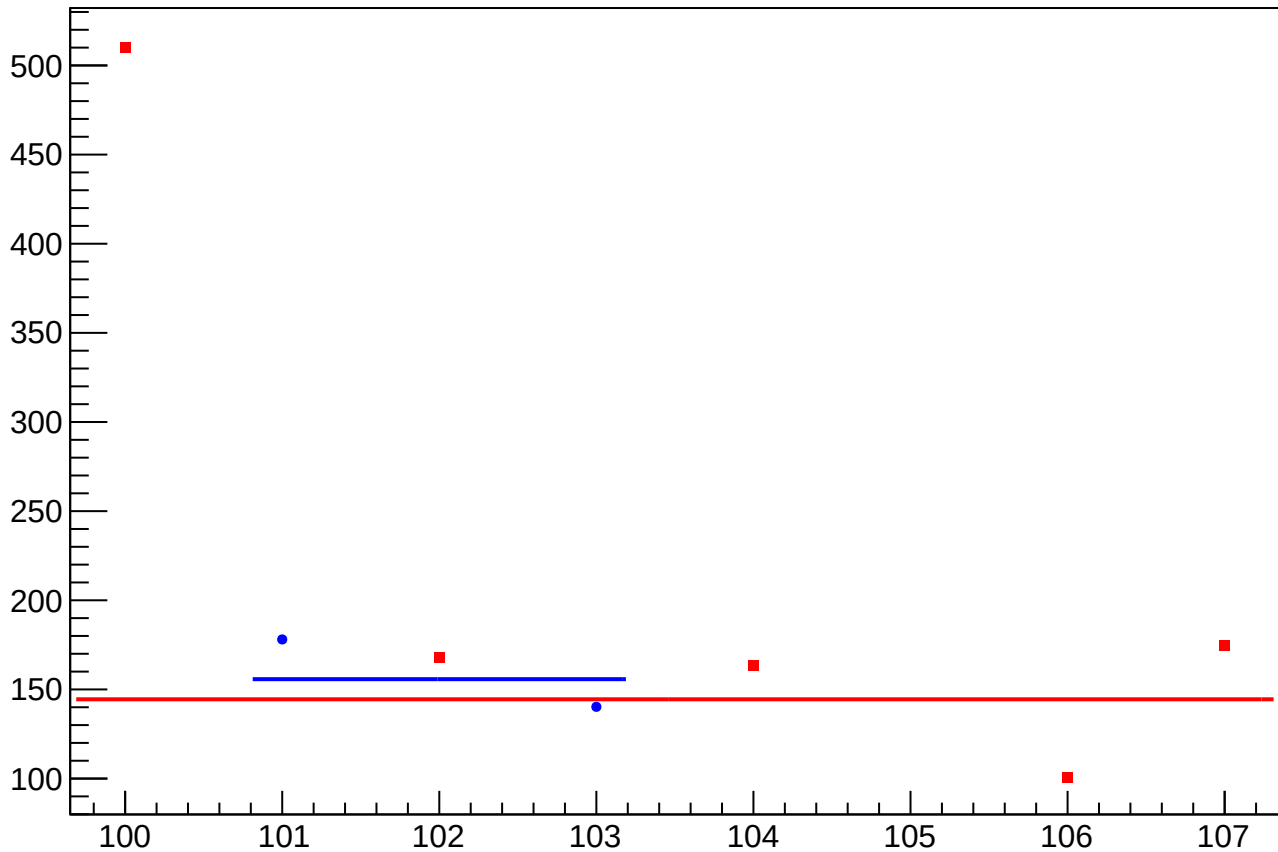
Right: -0.006 $\pm$ 0.097 χ^2 /NDF: 8.7/6

In: -0.155 $\pm$ 0.146 χ^2 /NDF:0.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.006 $\pm$ 0.097 χ^2 /NDF: 8.7/6

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 155.752+/-0.103 χ^2/NDF : 32315.7/1

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

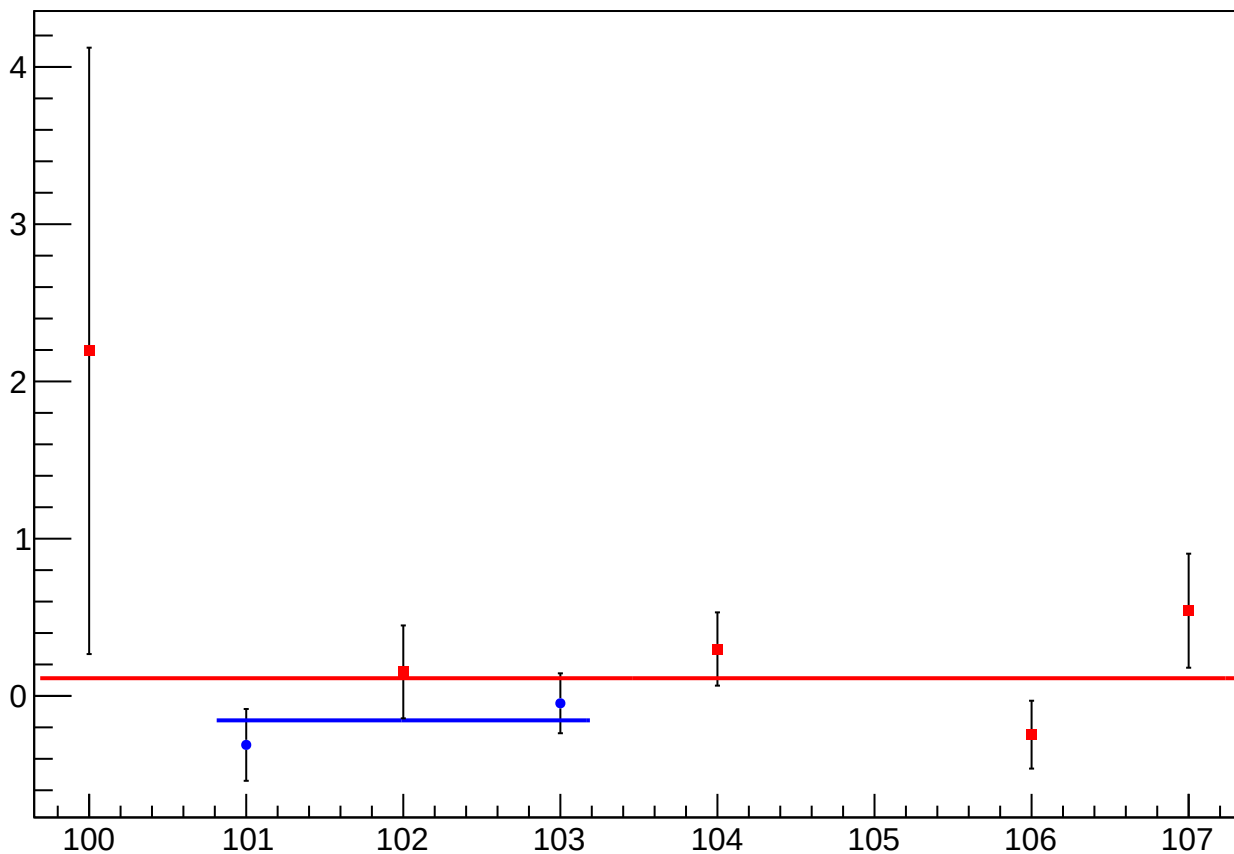
Right: 149.443+/-0.069 χ^2/NDF : 233012.3/6

In: 155.752+/-0.103 χ^2/NDF : 32315.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.443+/-0.069 χ^2/NDF : 233012.3/6

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.155 $\pm$ 0.146 χ^2 /NDF: 0.8/1

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

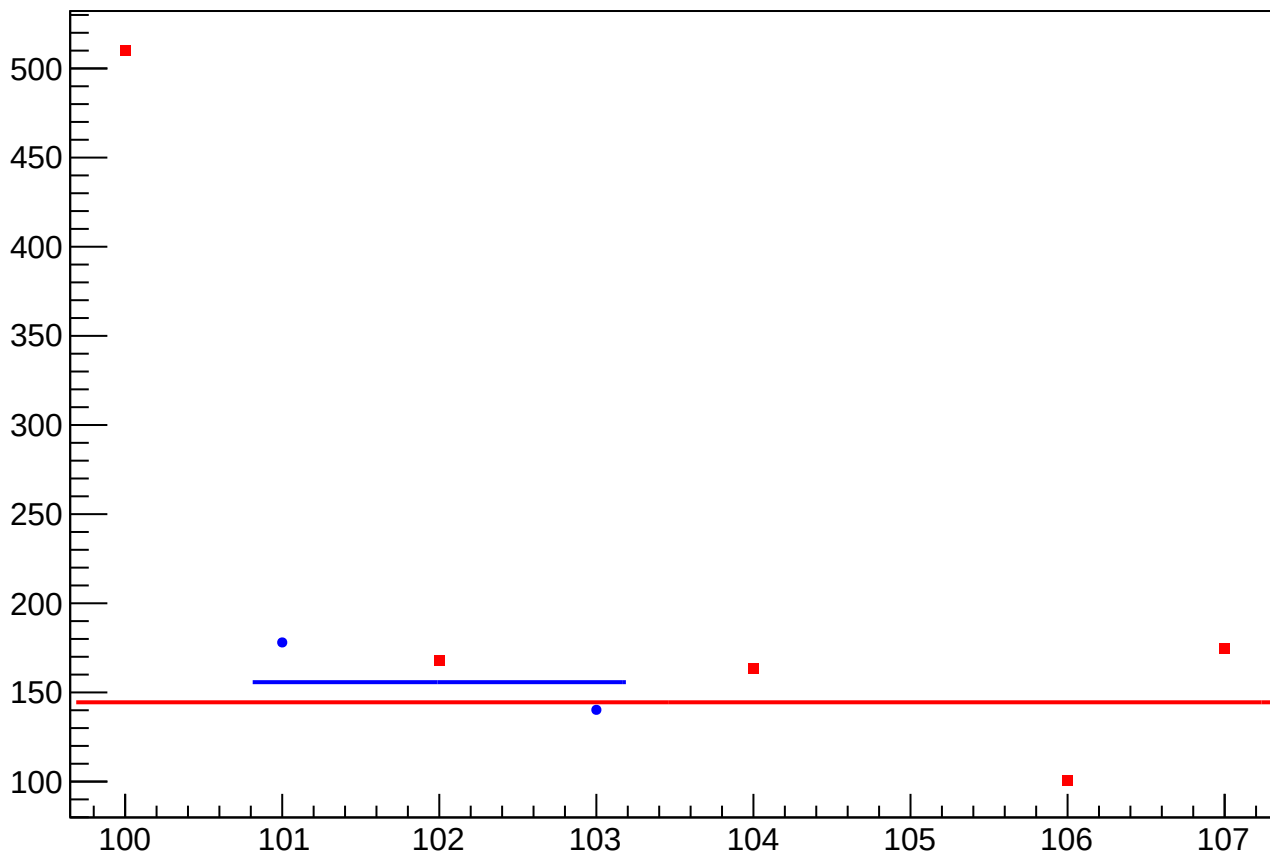
Right: -0.006 $\pm$ 0.097 χ^2 /NDF: 8.7/6

In: -0.155 $\pm$ 0.146 χ^2 /NDF:0.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.006 $\pm$ 0.097 χ^2 /NDF: 8.7/6

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 155.752+/-0.103 χ^2/NDF : 32315.7/1

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

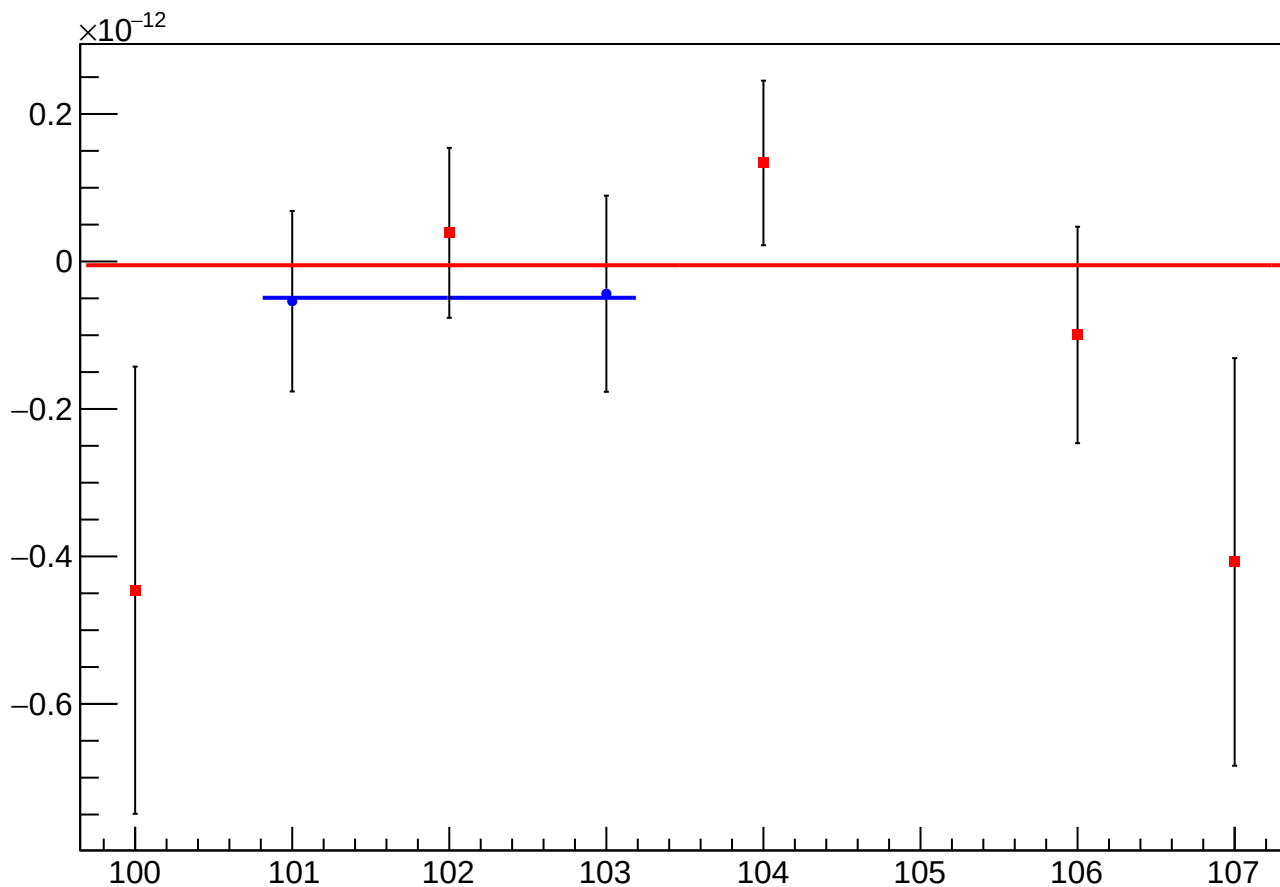
Right: 149.443+/-0.069 χ^2/NDF : 233012.3/6

In: 155.752+/-0.103 χ^2/NDF : 32315.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.443+/-0.069 χ^2/NDF : 233012.3/6

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/1

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

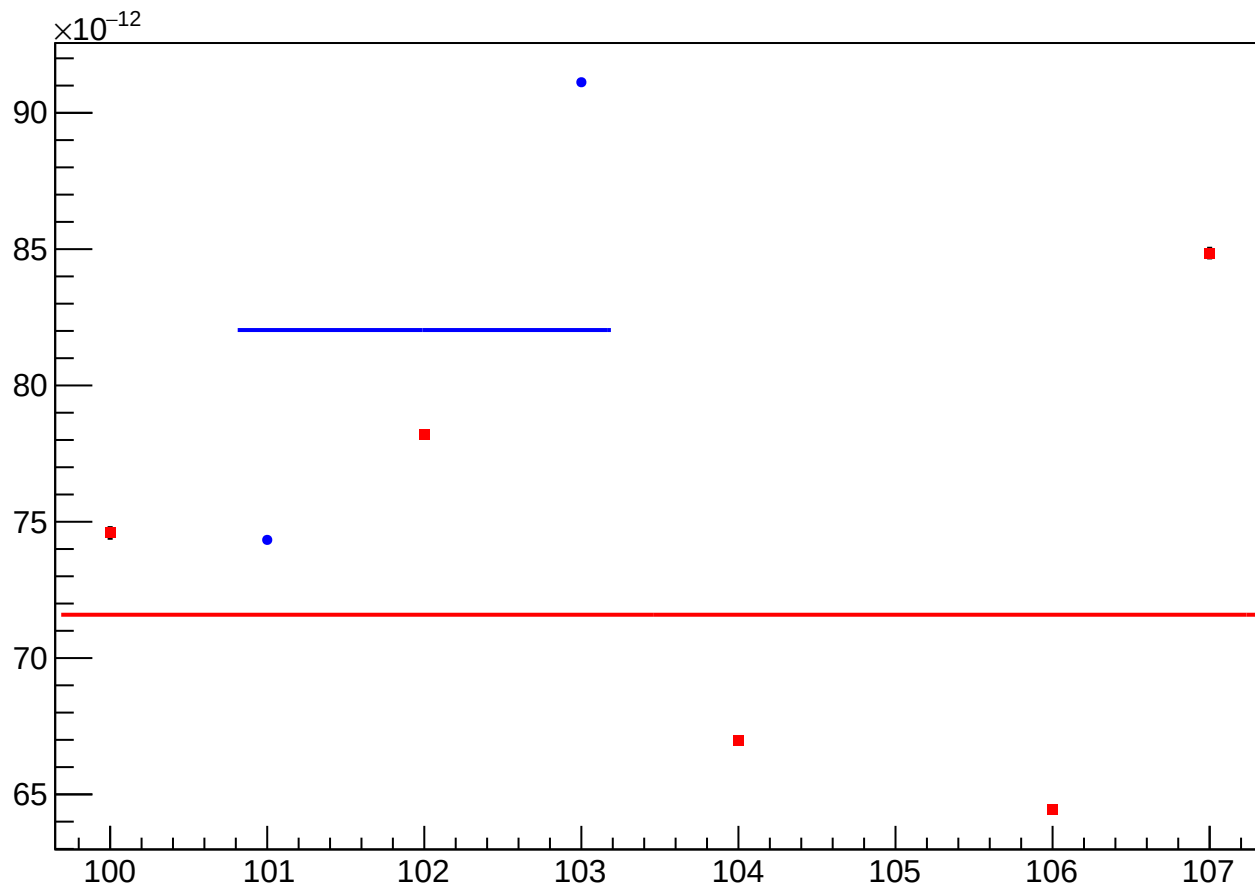
Right: -0.000+/-0.000 χ^2/NDF : 6.5/6

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.5/6

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 17249.4/1

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

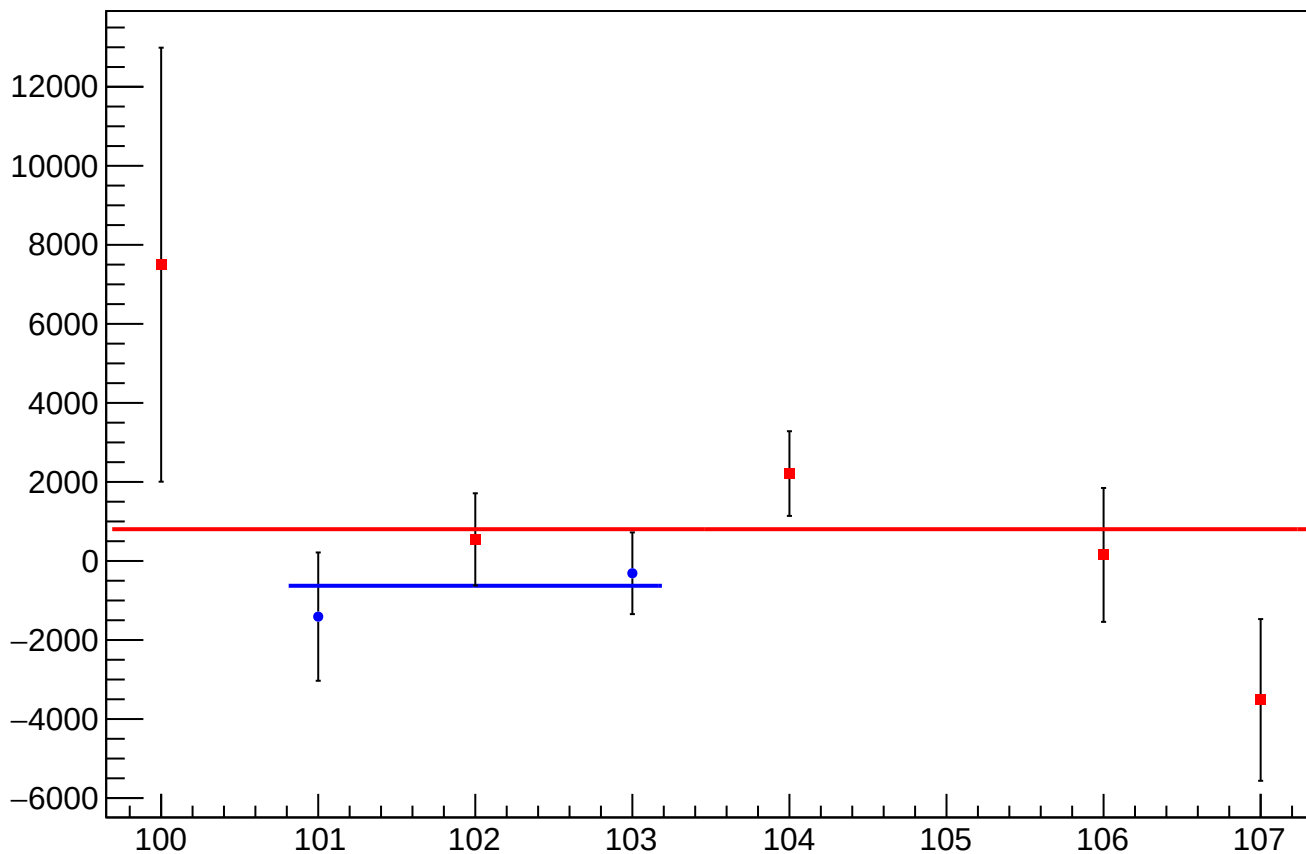
Right: 0.000+/-0.000 χ^2/NDF : 54220.7/6

In: 0.000+/-0.000 χ^2/NDF : 17249.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 54220.7/6

reg_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -627.656+/-872.155 χ^2/NDF : 0.3/1

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

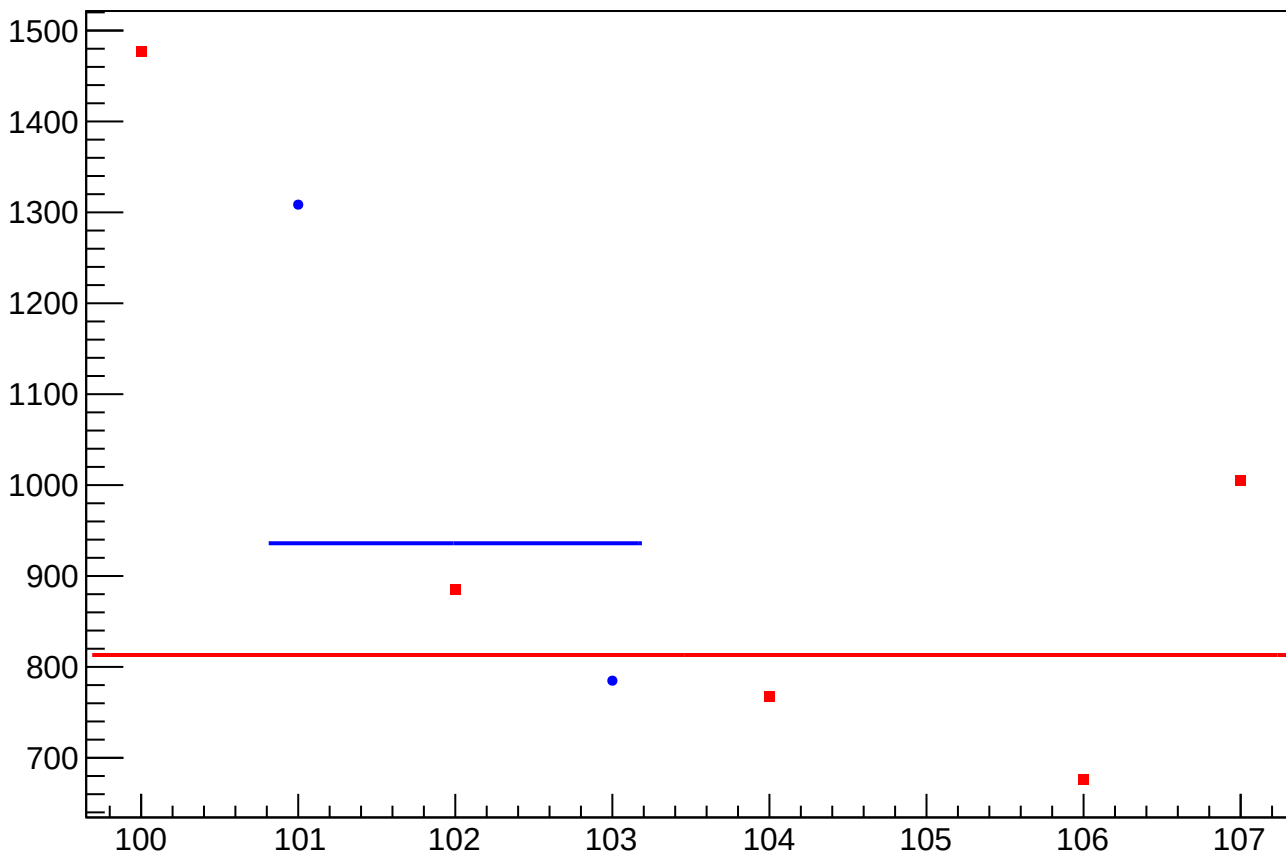
Right: 272.532+/-531.420 χ^2/NDF : 9.9/6

In: -627.656+/-872.155 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 272.532+/-531.420 χ^2/NDF : 9.9/6

reg_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 936.016+/-0.617 χ^2/NDF : 148044.1/1

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

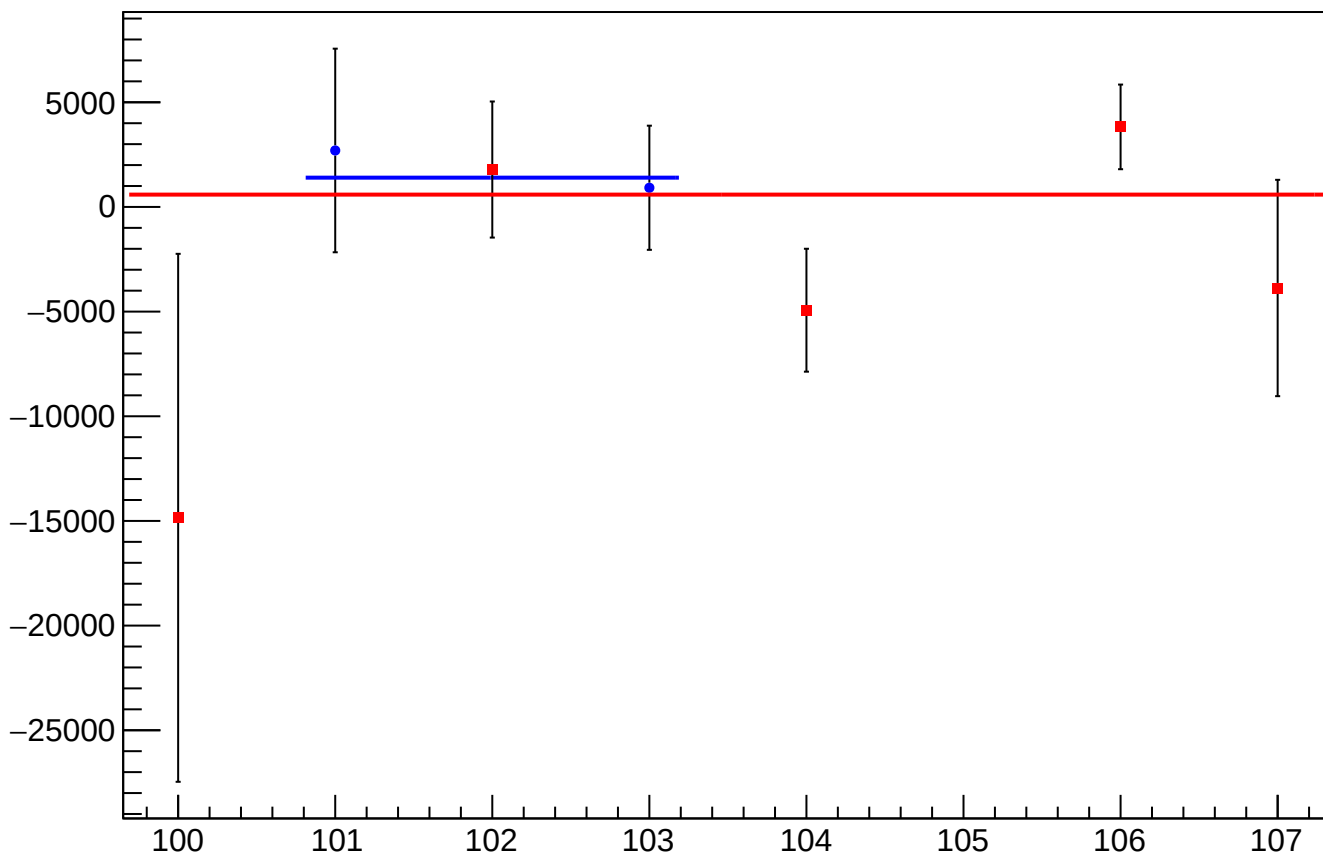
Right: 855.809+/-0.363 χ^2/NDF : 254312.8/6

In: 936.016+/-0.617 χ^2/NDF : 148044.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 855.809+/-0.363 χ^2/NDF : 254312.8/6

asym_usl_atl2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 1399.248 $\pm$ 2531.957 χ^2 /NDF: 0.1/1

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

Right Out: 588.997 $\pm$ 1415.555 χ^2 /NDF: 8.5/4

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

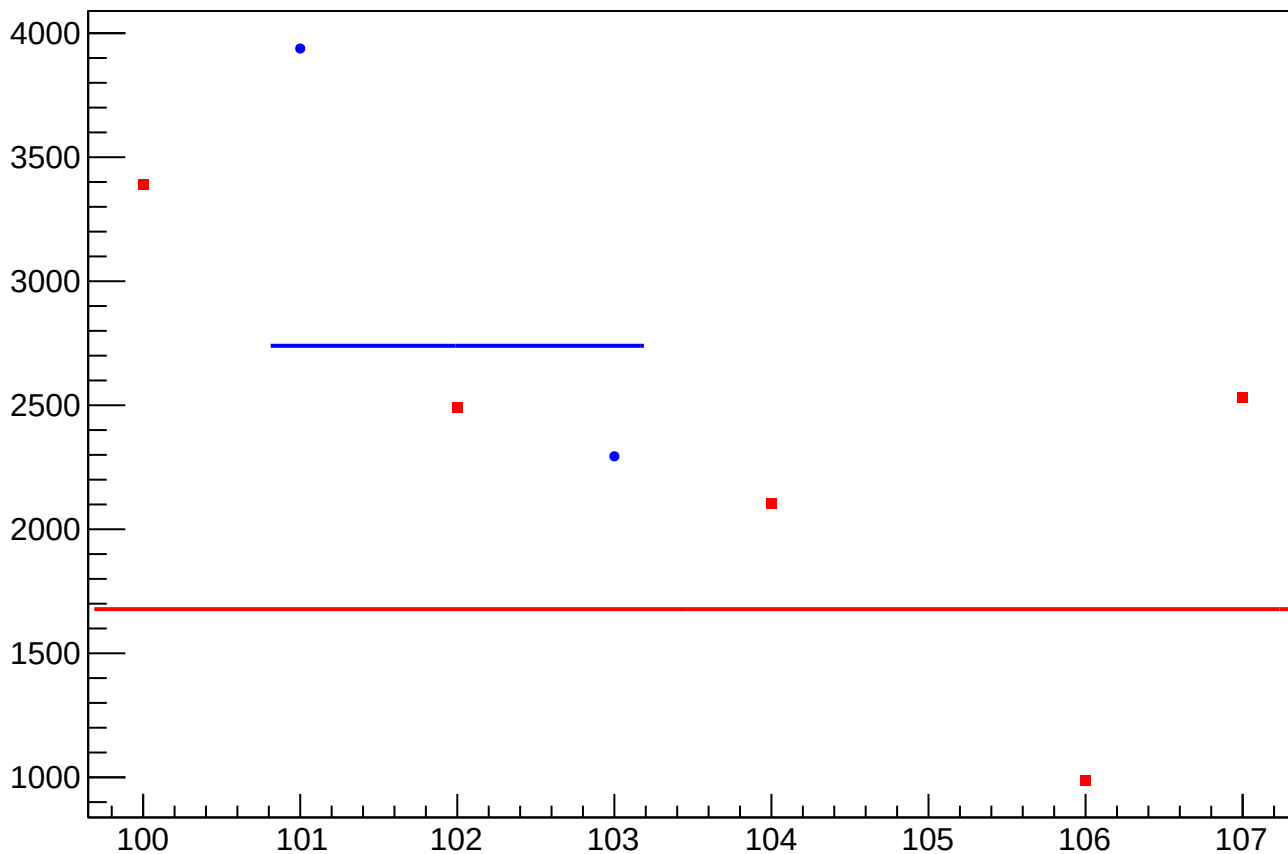
Right: 781.945 $\pm$ 1235.567 χ^2 /NDF: 8.7/6

In: 1399.248 $\pm$ 2531.957 χ^2 /NDF: 0.1/1

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

All: 781.945 $\pm$ 1235.567 χ^2 /NDF: 8.7/6

asym_usl_atl2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2739.750+/-1.790 χ^2/NDF : 166597.8/1

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

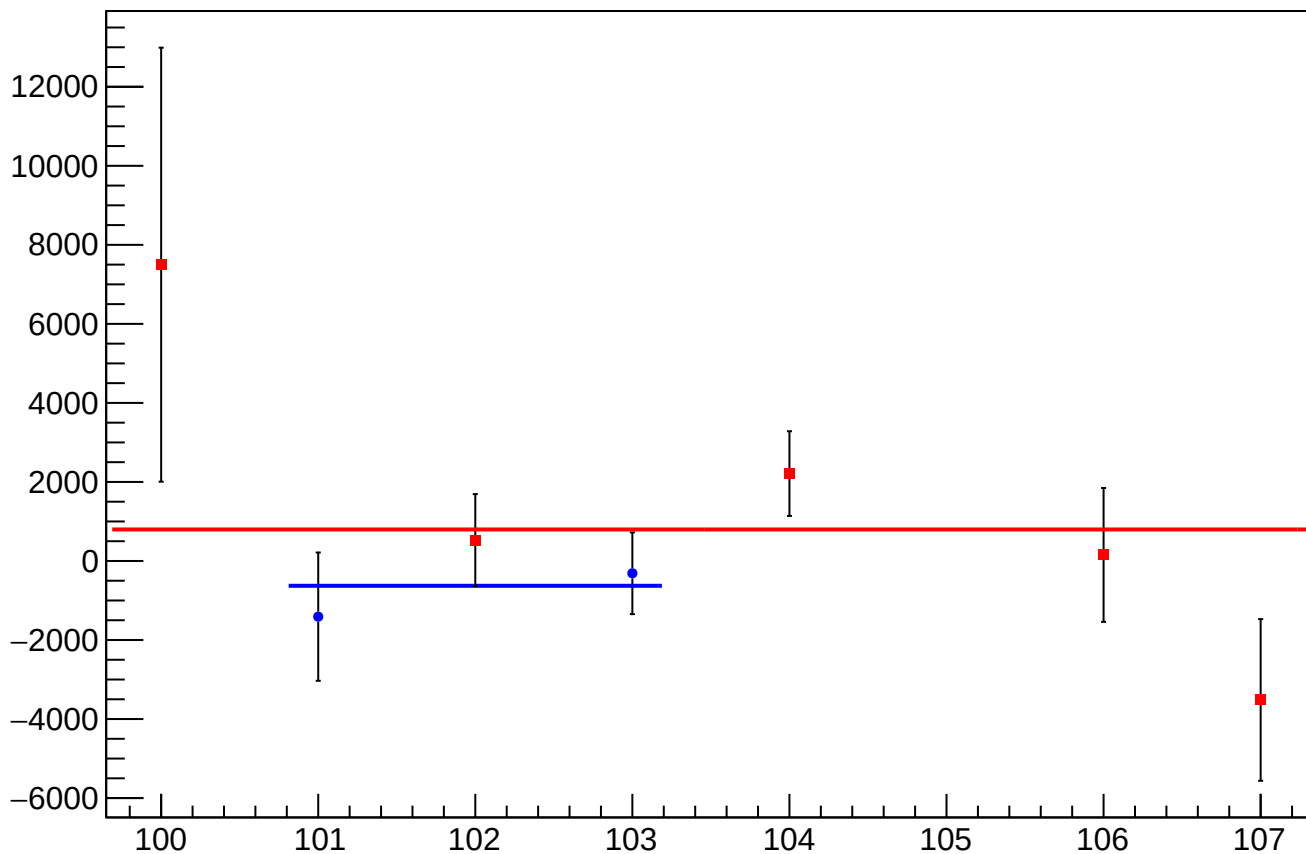
Right: 1930.866+/-0.874 χ^2/NDF : 926486.7/6

In: 2739.750+/-1.790 χ^2/NDF : 166597.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1930.866+/-0.874 χ^2/NDF : 926486.7/6

cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -627.933+/-872.155 χ^2/NDF : 0.3/1

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

Right Out: 797.197+/-670.245 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

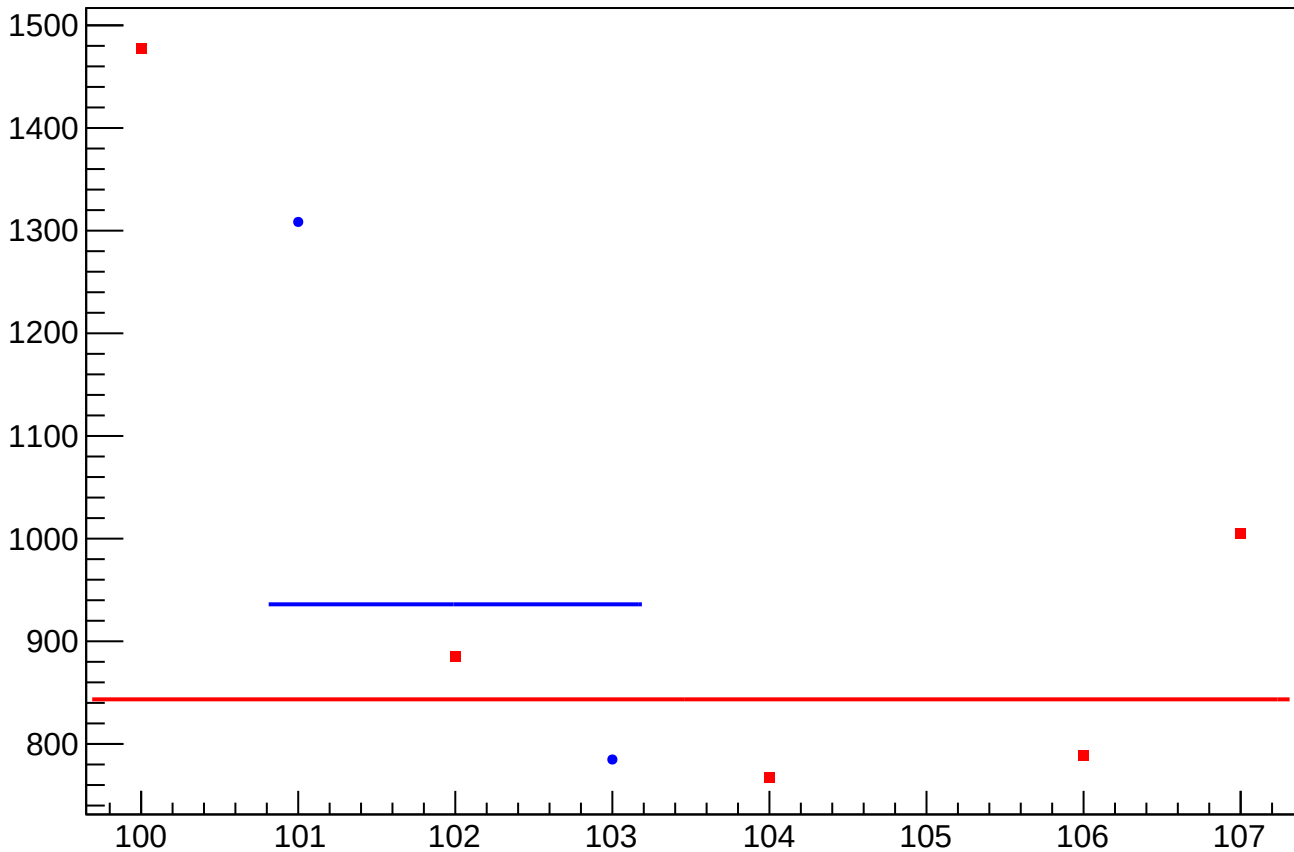
Right: 268.047+/-531.442 χ^2/NDF : 9.9/6

In: -627.933+/-872.155 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 268.047+/-531.442 χ^2/NDF : 9.9/6

cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 936.015+/-0.617 χ^2/NDF : 148044.0/1

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

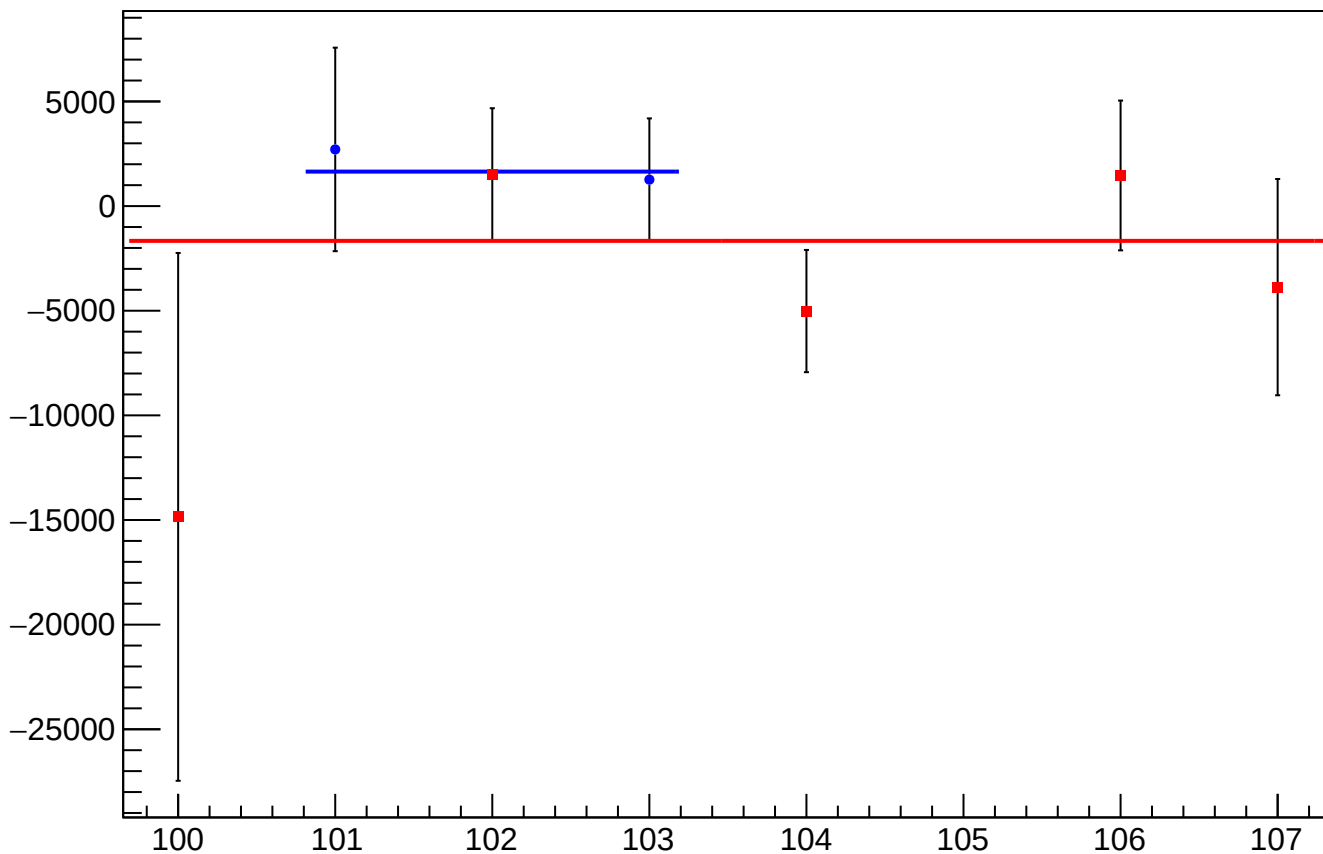
Right: 876.868+/-0.371 χ^2/NDF : 216717.4/6

In: 936.015+/-0.617 χ^2/NDF : 148044.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 876.868+/-0.371 χ^2/NDF : 216717.4/6

asym_usl_atl2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1648.046 $\pm$ 2507.631 χ^2 /NDF: 0.1/1

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

Right Out: -1661.215 $\pm$ 1718.723 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

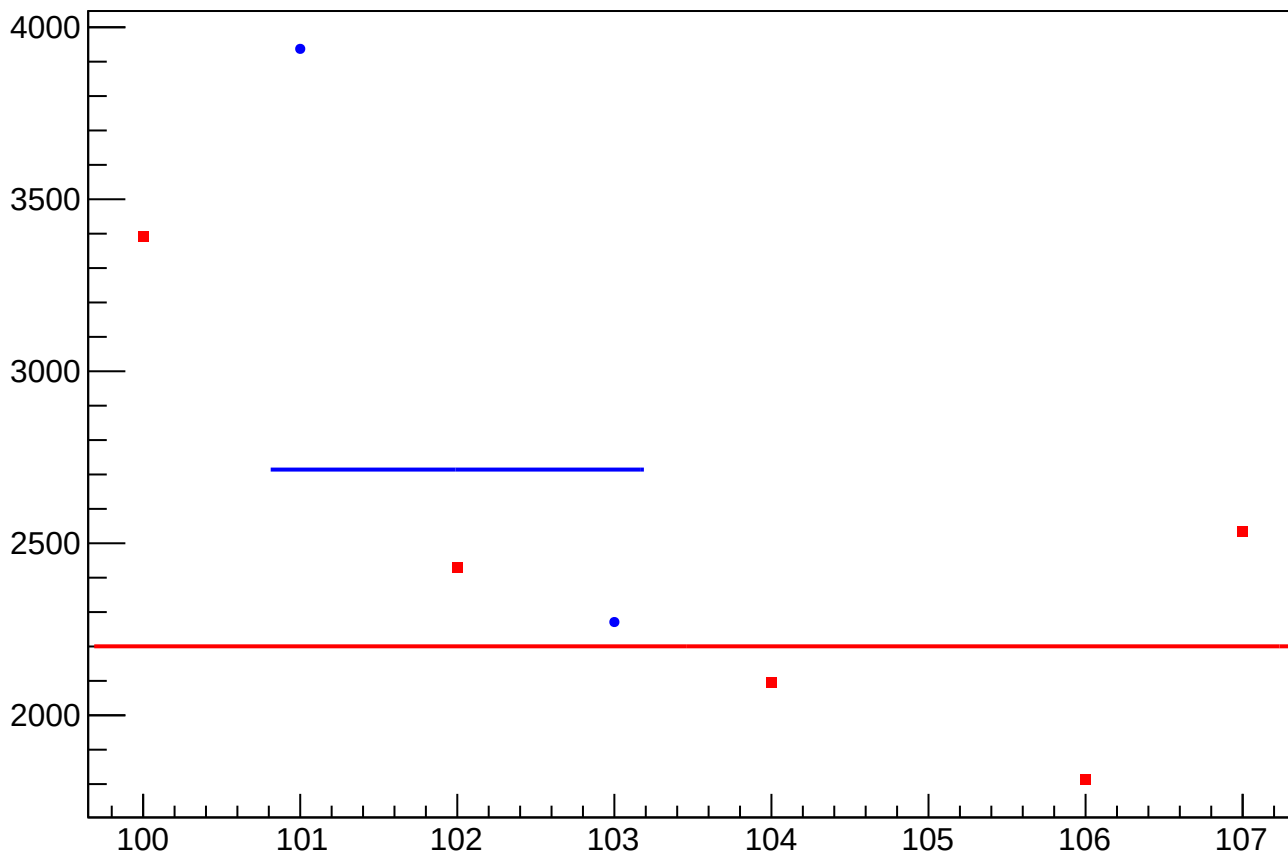
Right: -603.506 $\pm$ 1417.690 χ^2 /NDF: 5.6/6

In: 1648.046 $\pm$ 2507.631 χ^2 /NDF: 0.1/1

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

All: -603.506 $\pm$ 1417.690 χ^2 /NDF: 5.6/6

asym_usl_atl2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2714.236+/-1.773 χ^2/NDF : 172381.8/1

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

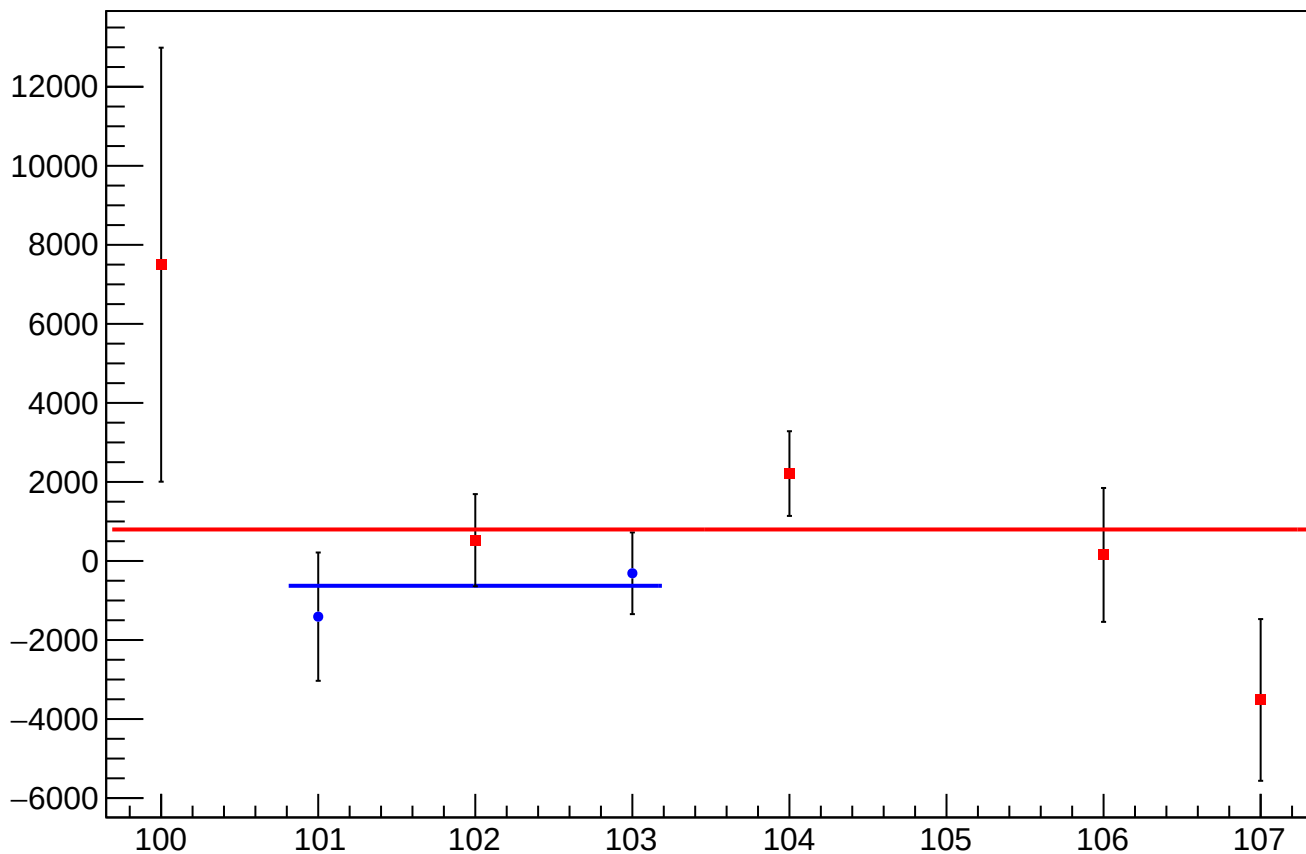
Right: 2364.676+/-1.002 χ^2/NDF : 292316.1/6

In: 2714.236+/-1.773 χ^2/NDF : 172381.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2364.676+/-1.002 χ^2/NDF : 292316.1/6

eigen_cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -627.933+/-872.155 χ^2/NDF : 0.3/1

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

Right Out: 797.197+/-670.245 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

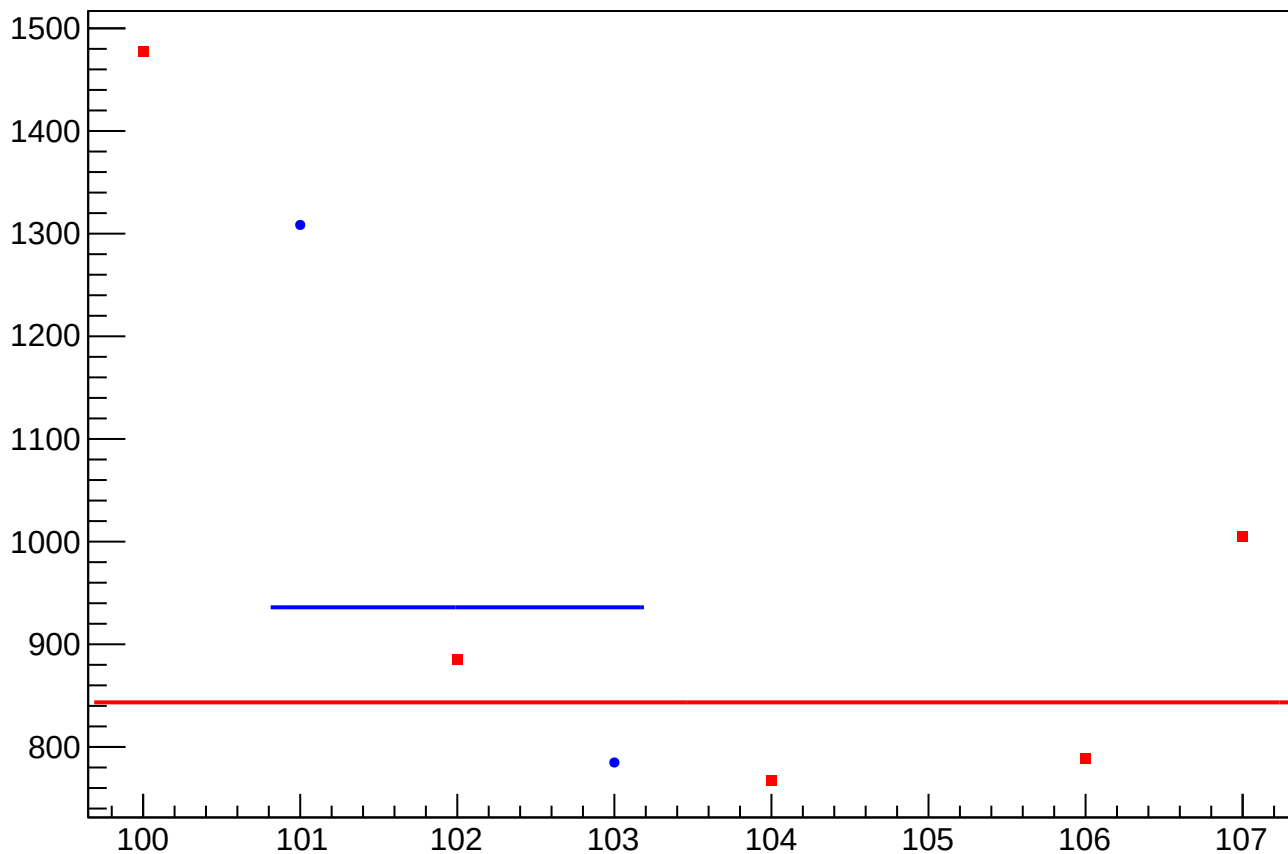
Right: 268.047+/-531.442 χ^2/NDF : 9.9/6

In: -627.933+/-872.155 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 268.047+/-531.442 χ^2/NDF : 9.9/6

eigen_cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 936.015+/-0.617 χ^2/NDF : 148044.0/1

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

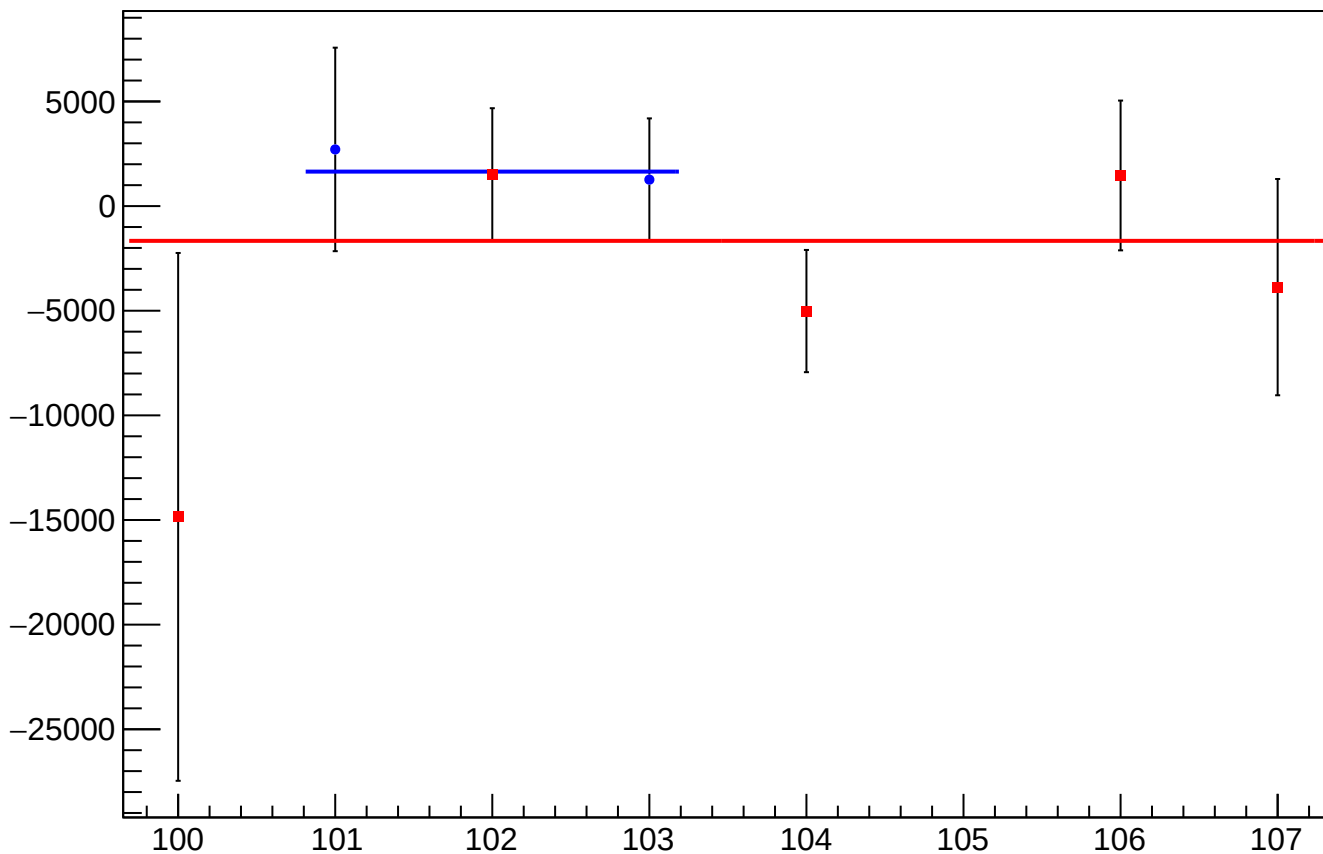
Right: 876.868+/-0.371 χ^2/NDF : 216717.4/6

In: 936.015+/-0.617 χ^2/NDF : 148044.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 876.868+/-0.371 χ^2/NDF : 216717.4/6

asym_usl_atl2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1648.046 $\pm$ 2507.631 χ^2 /NDF: 0.1/1

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

Right Out: -1661.215 $\pm$ 1718.723 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

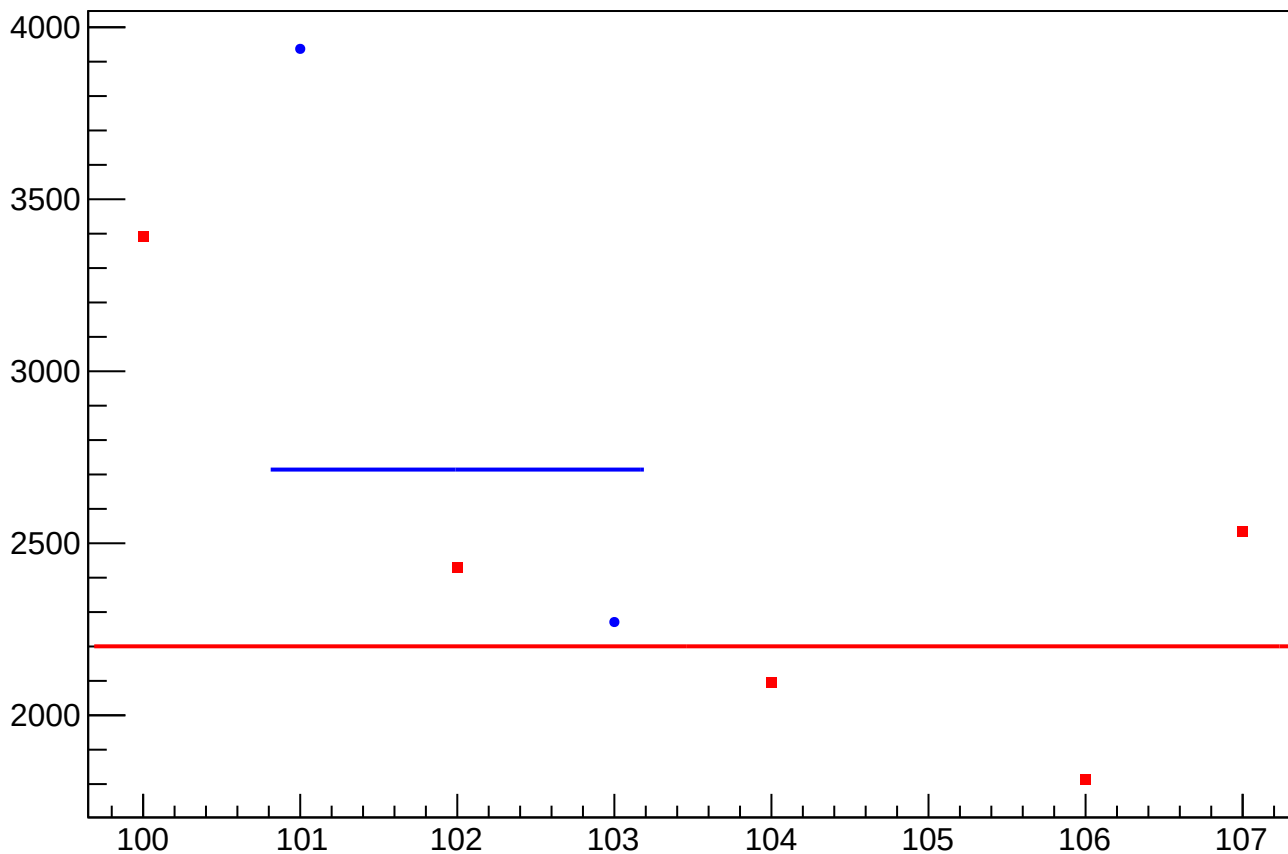
Right: -603.506 $\pm$ 1417.690 χ^2 /NDF: 5.6/6

In: 1648.046 $\pm$ 2507.631 χ^2 /NDF: 0.1/1

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

All: -603.506 $\pm$ 1417.690 χ^2 /NDF: 5.6/6

asym_usl_atl2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2714.236+/-1.773 χ^2/NDF : 172381.8/1

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

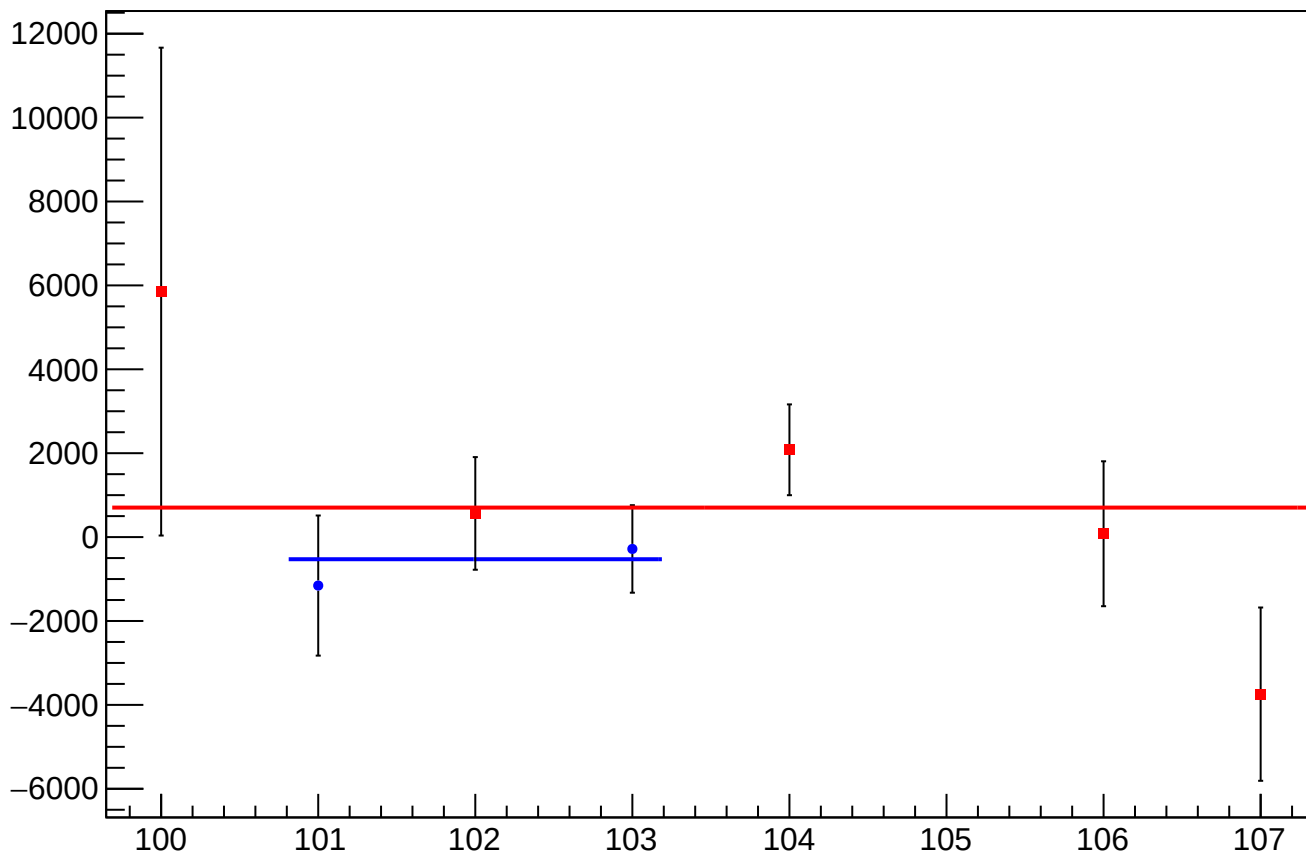
Right: 2364.676+/-1.002 χ^2/NDF : 292316.1/6

In: 2714.236+/-1.773 χ^2/NDF : 172381.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2364.676+/-1.002 χ^2/NDF : 292316.1/6

dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -527.652+/-884.761 χ^2/NDF : 0.2/1

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

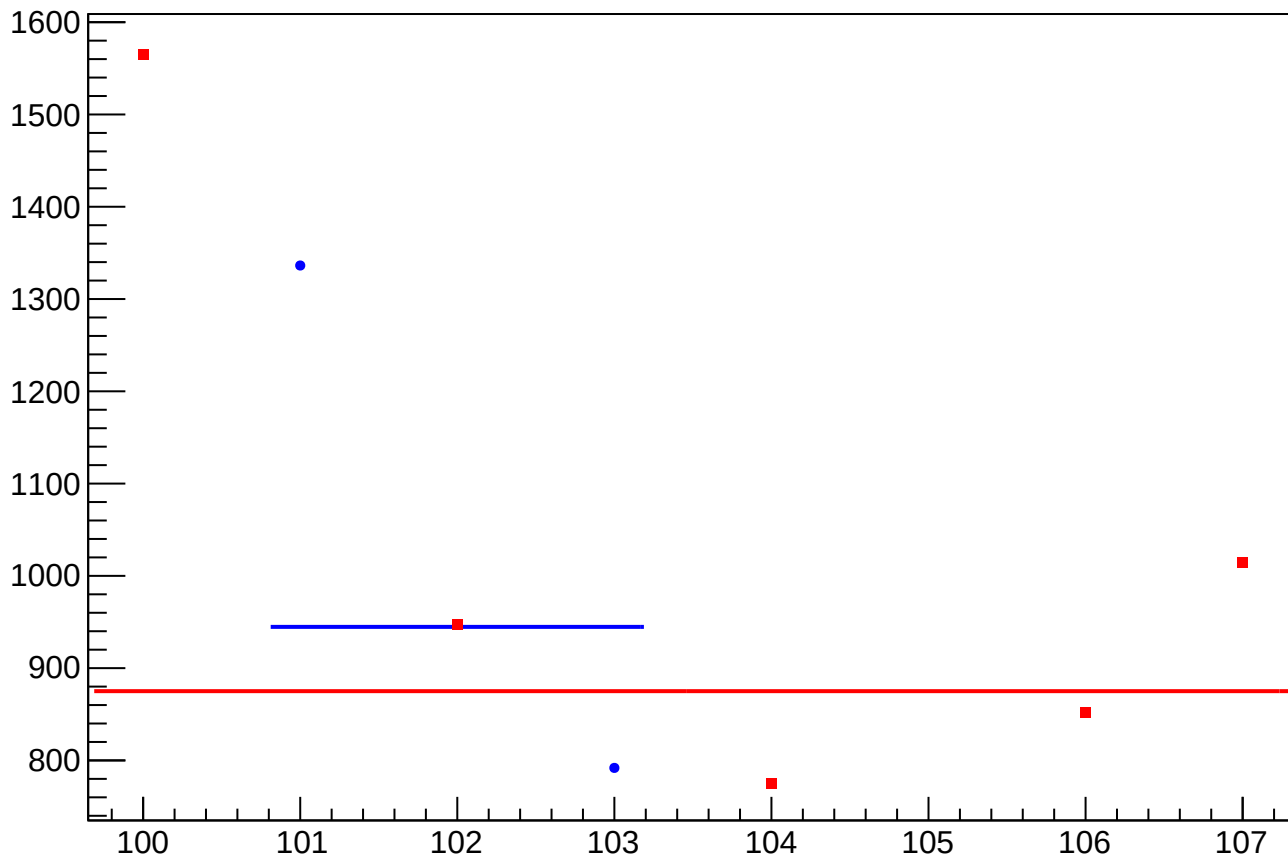
Right: 224.615+/-551.728 χ^2/NDF : 8.6/6

In: -527.652+/-884.761 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 224.615+/-551.728 χ^2/NDF : 8.6/6

dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 944.718+/-0.626 χ^2/NDF : 152904.2/1

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

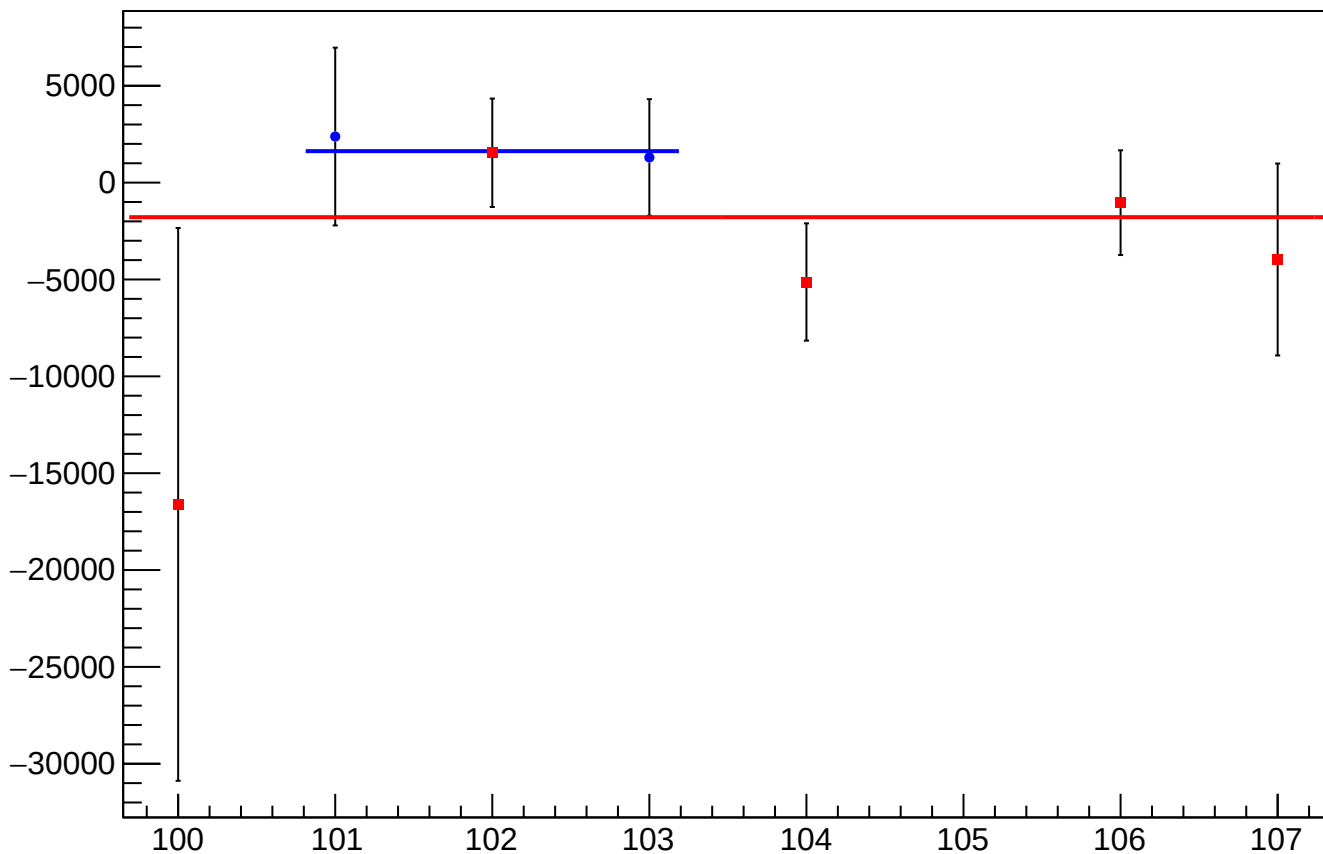
Right: 901.996+/-0.389 χ^2/NDF : 220915.7/6

In: 944.718+/-0.626 χ^2/NDF : 152904.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 901.996+/-0.389 χ^2/NDF : 220915.7/6

asym_usl_atl2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1624.714+/-2515.756 χ^2/NDF : 0.0/1

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

Right Out: -1783.218+/-1544.083 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

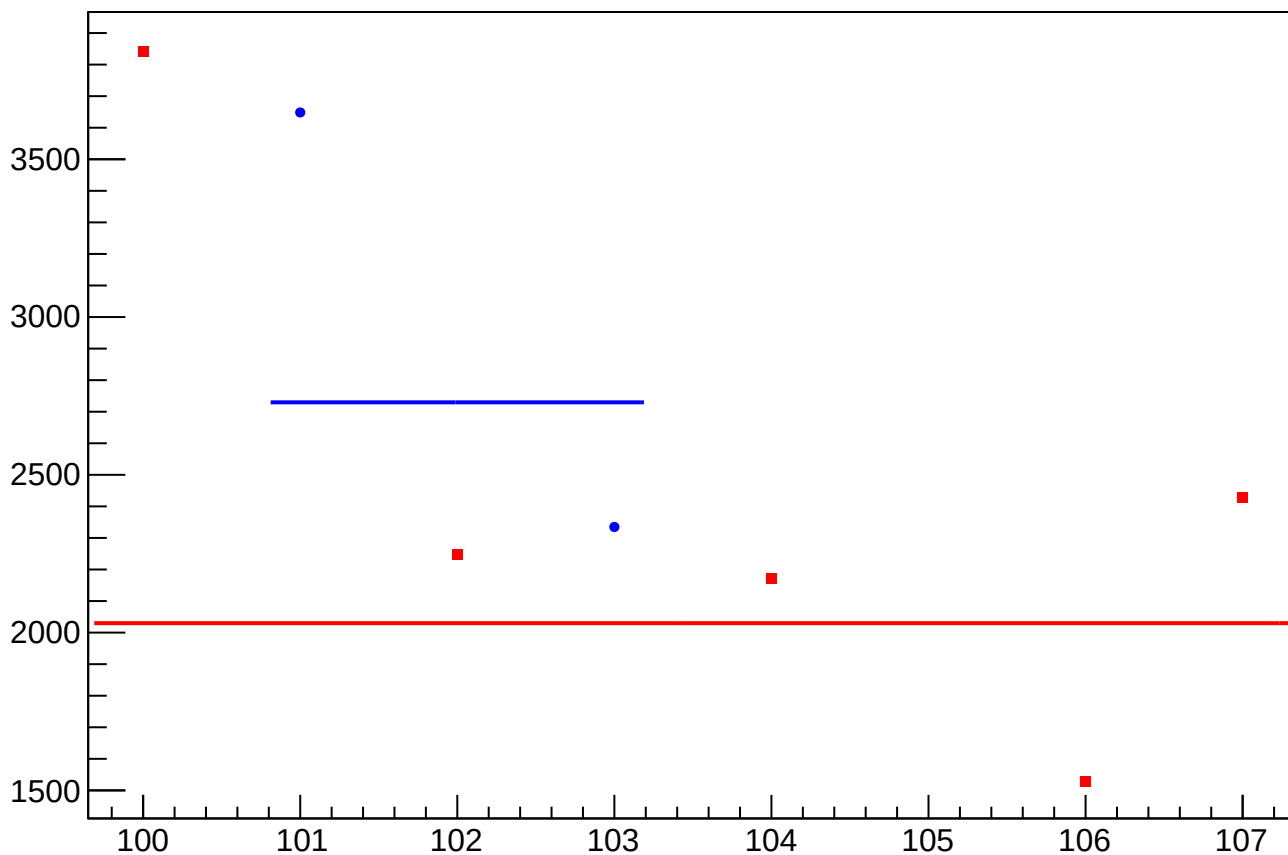
Right: -850.708+/-1315.982 χ^2/NDF : 5.4/6

In: 1624.714+/-2515.756 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -850.708+/-1315.982 χ^2/NDF : 5.4/6

asym_usl_atl2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2729.716+/-1.779 χ^2/NDF : 114644.2/1

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

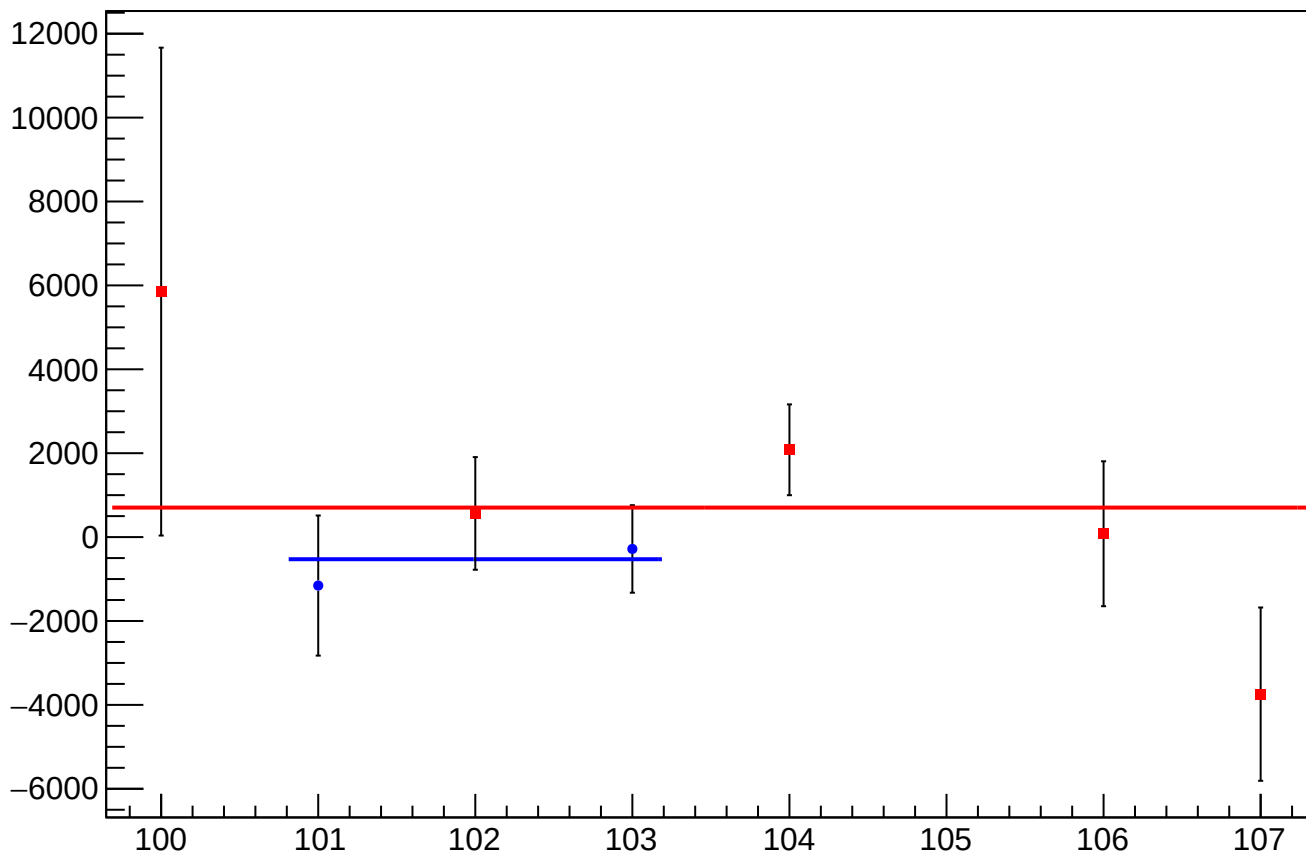
Right: 2221.403+/-0.931 χ^2/NDF : 357470.2/6

In: 2729.716+/-1.779 χ^2/NDF : 114644.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2221.403+/-0.931 χ^2/NDF : 357470.2/6

eigen_dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -527.652+/-884.761 χ^2/NDF : 0.2/1

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

Right Out: 703.274+/-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

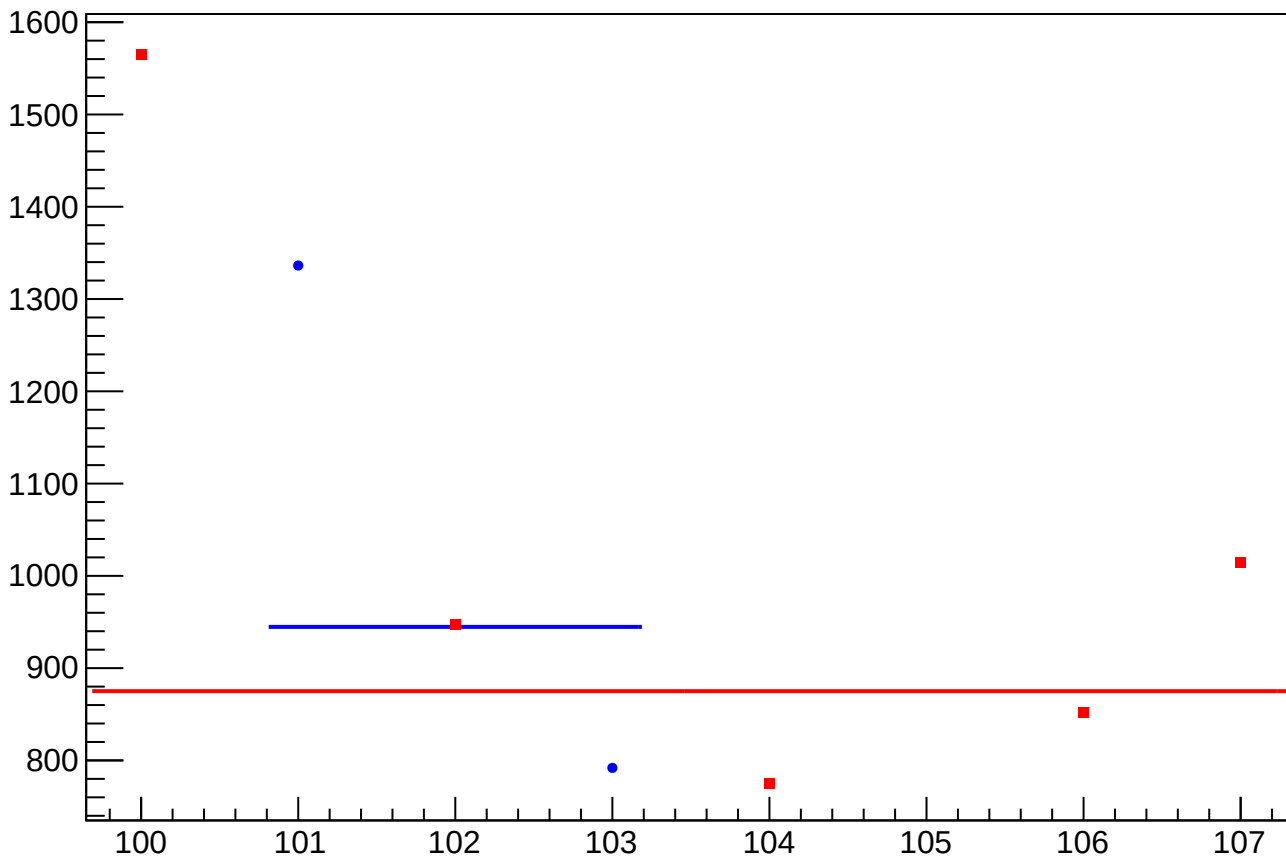
Right: 224.611+/-551.728 χ^2/NDF : 8.6/6

In: -527.652+/-884.761 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 224.611+/-551.728 χ^2/NDF : 8.6/6

eigen_dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 944.718+/-0.626 χ^2/NDF : 152904.0/1

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

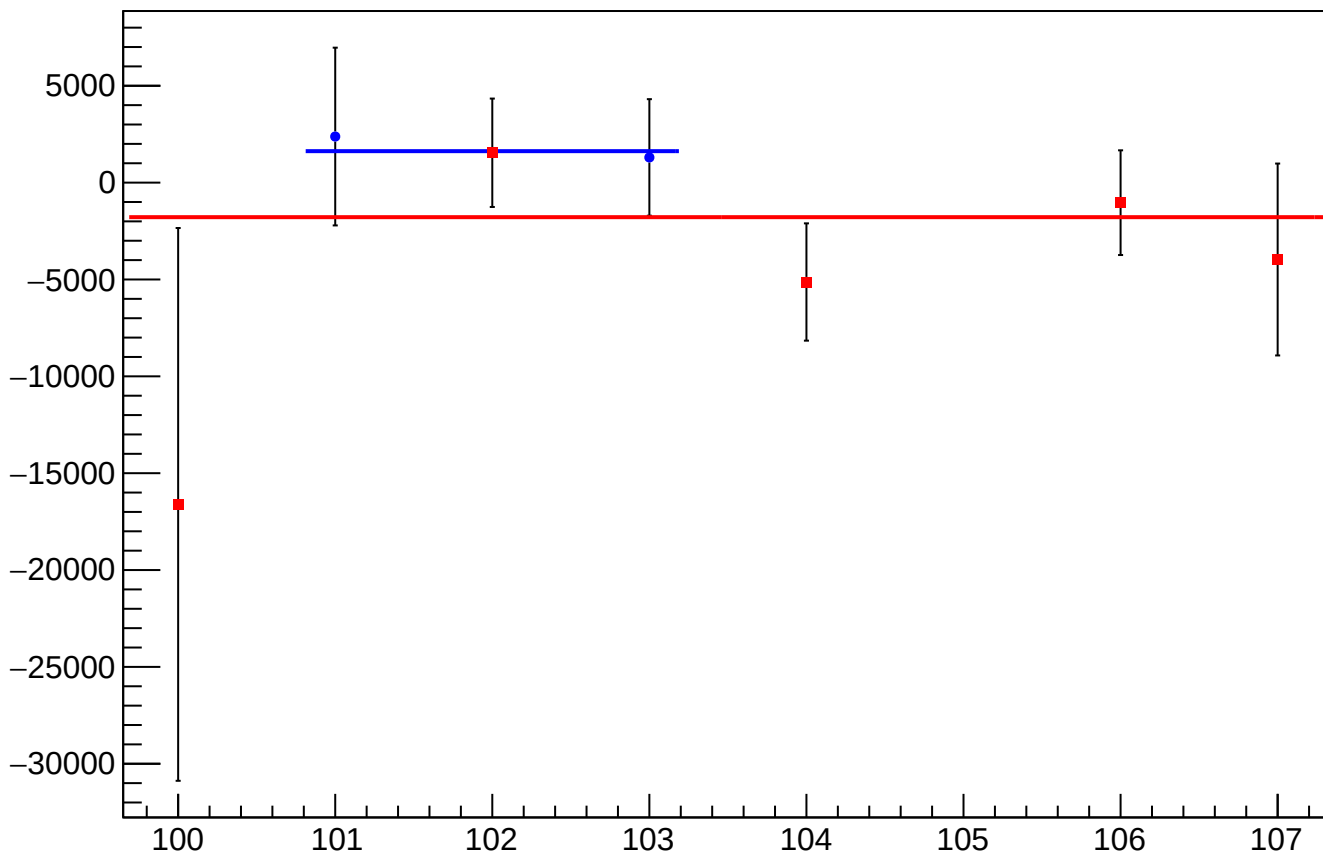
Right: 901.997+/-0.389 χ^2/NDF : 220915.3/6

In: 944.718+/-0.626 χ^2/NDF : 152904.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 901.997+/-0.389 χ^2/NDF : 220915.3/6

asym_usl_atl2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1624.715+/-2515.756 χ^2 /NDF: 0.0/1

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

Right Out: -1783.220+/-1544.082 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

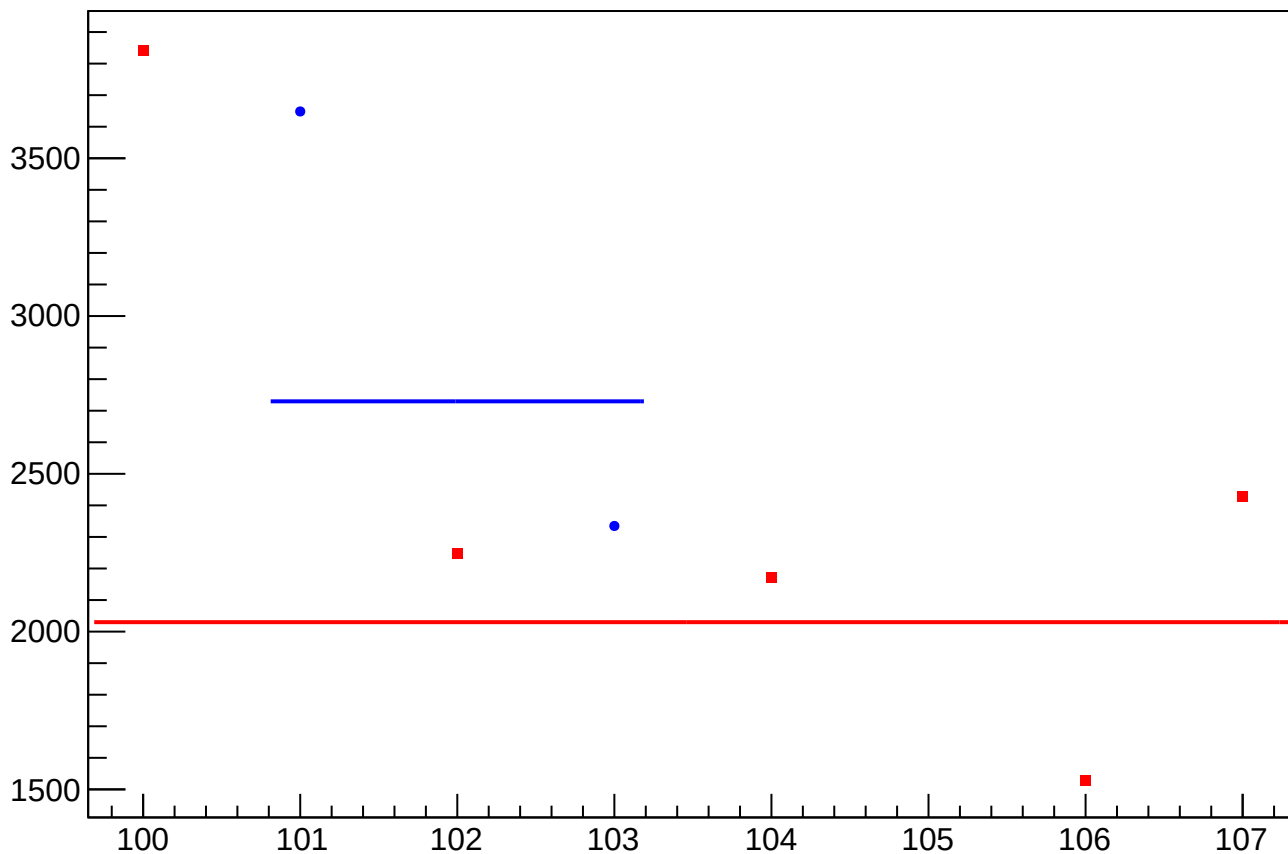
Right: -850.710+/-1315.981 χ^2 /NDF: 5.4/6

In: 1624.715+/-2515.756 χ^2 /NDF:0.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -850.710+/-1315.981 χ^2 /NDF: 5.4/6

asym_usl_atl2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2729.717+/-1.779 χ^2/NDF : 114643.3/1

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

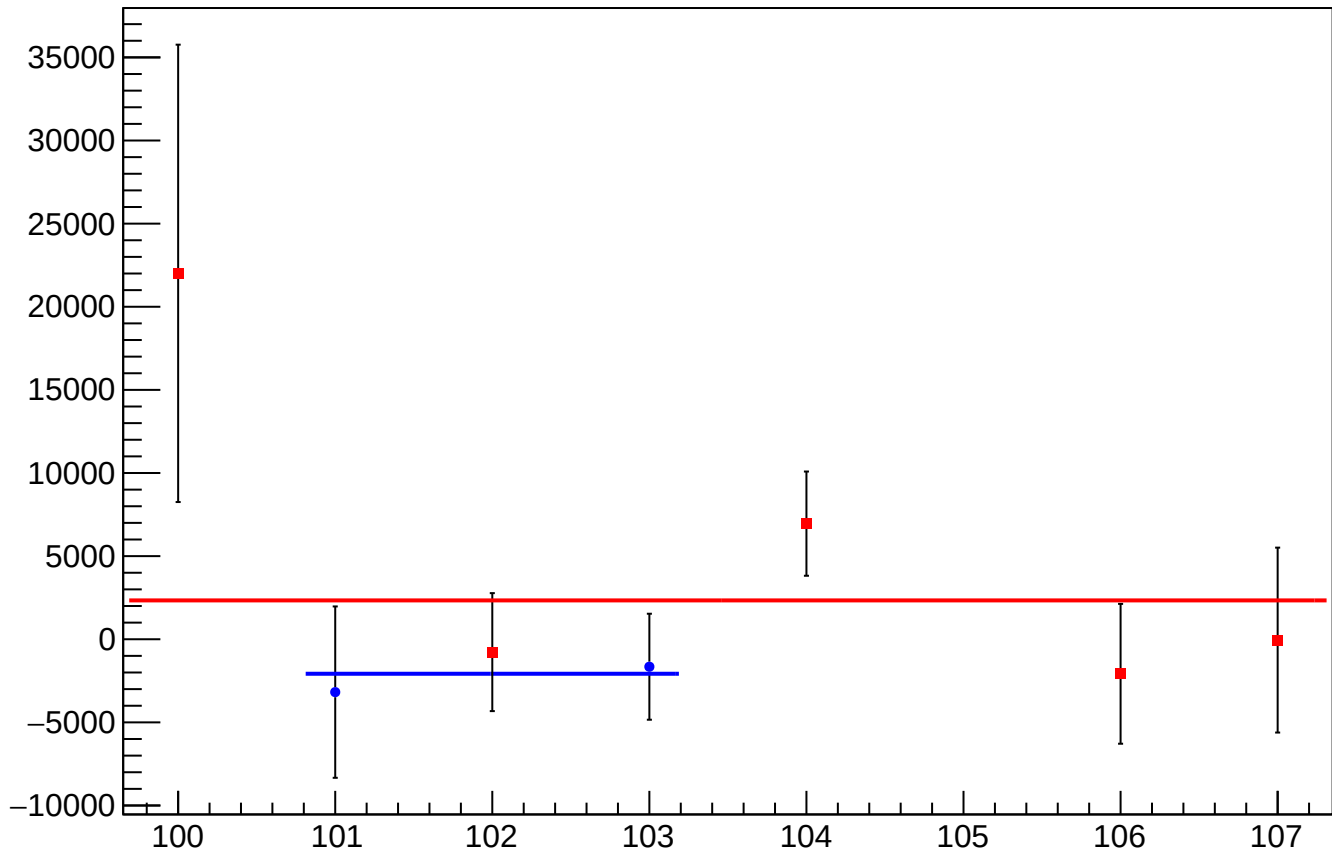
Right: 2221.401+/-0.931 χ^2/NDF : 357474.3/6

In: 2729.717+/-1.779 χ^2/NDF : 114643.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2221.401+/-0.931 χ^2/NDF : 357474.3/6

asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -2075.707+/-2711.076 χ^2/NDF : 0.1/1

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

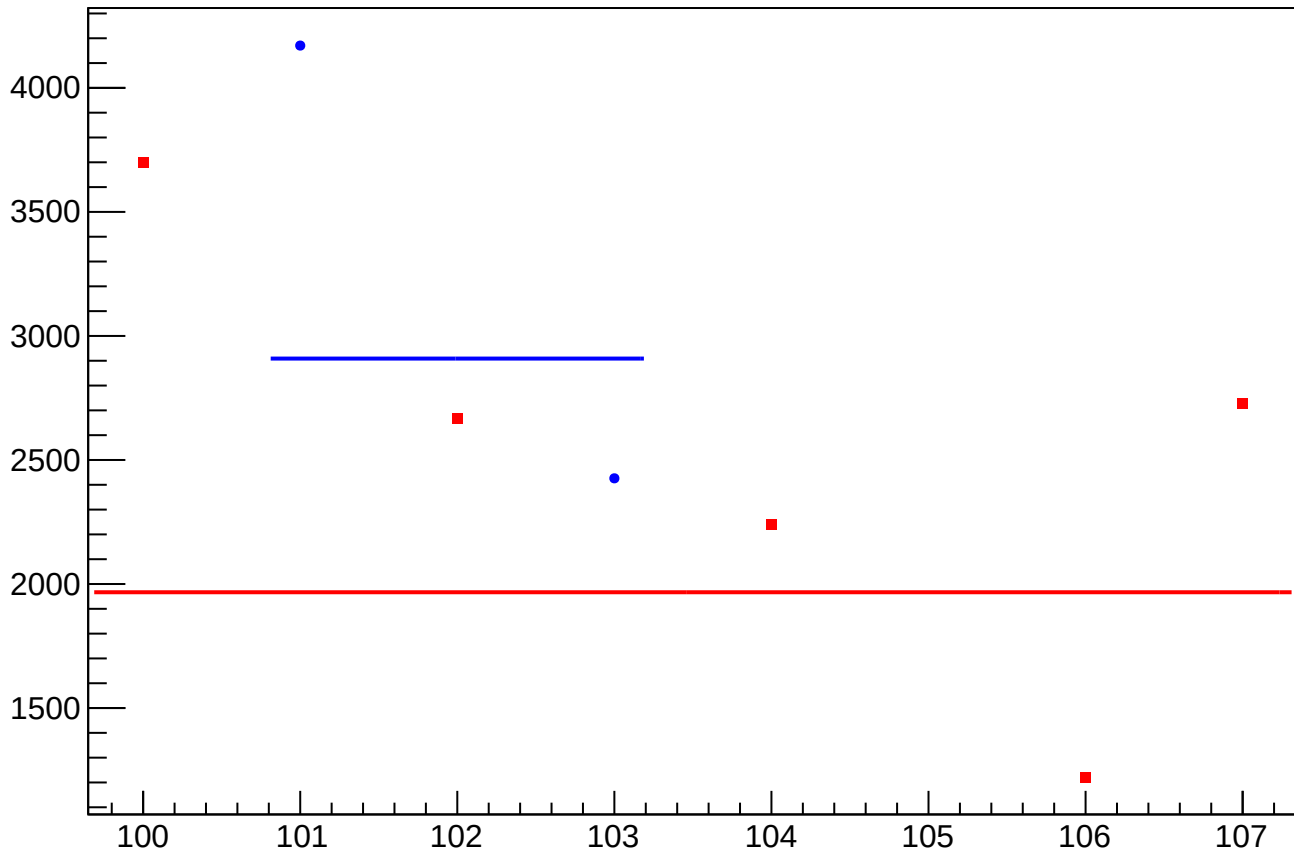
Right: 877.193+/-1559.168 χ^2/NDF : 8.1/6

In: -2075.707+/-2711.076 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 877.193+/-1559.168 χ^2/NDF : 8.1/6

asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 2908.787+/-1.917 χ^2/NDF : 165731.5/1

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

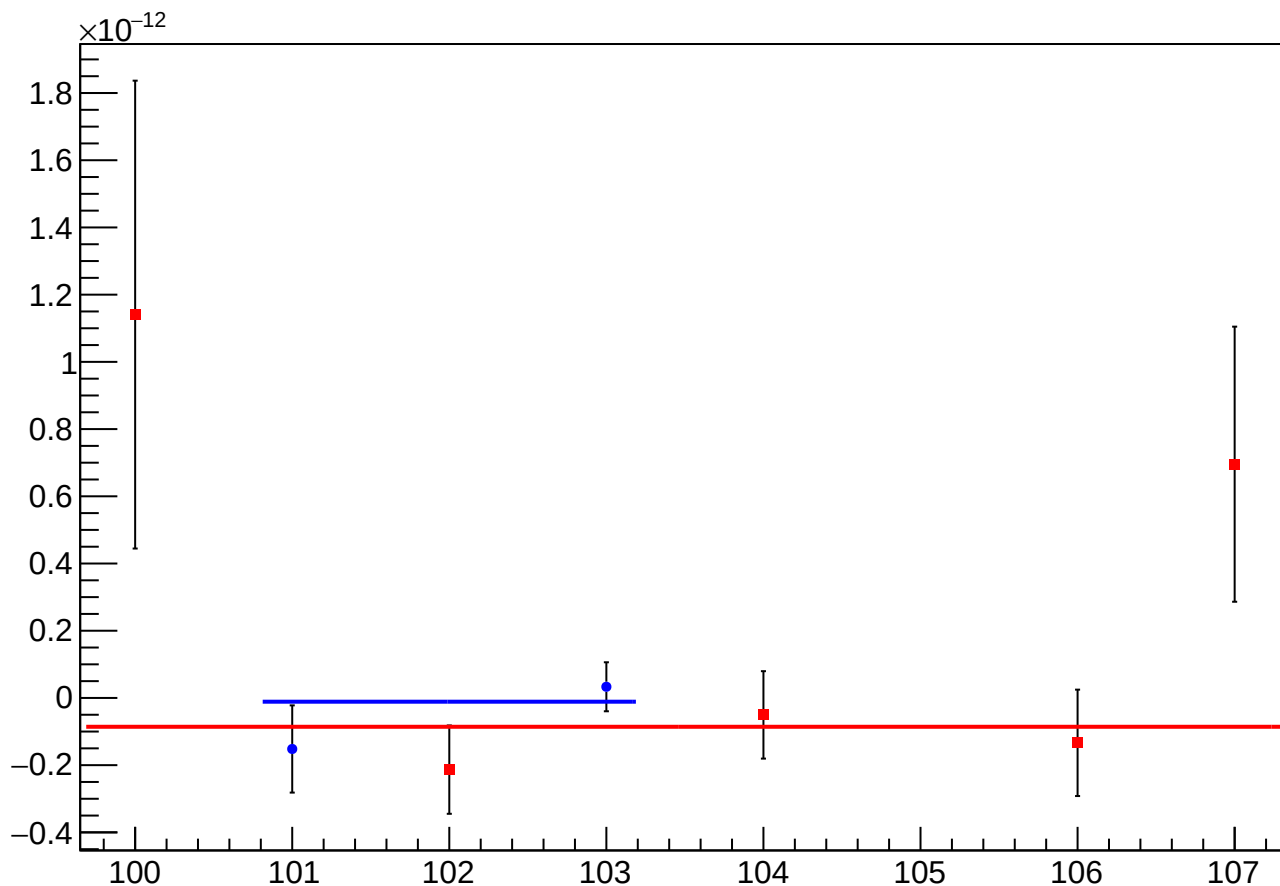
Right: 2217.212+/-0.988 χ^2/NDF : 680251.5/6

In: 2908.787+/-1.917 χ^2/NDF : 165731.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2217.212+/-0.988 χ^2/NDF : 680251.5/6

asym_usl_atl2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.5/1

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

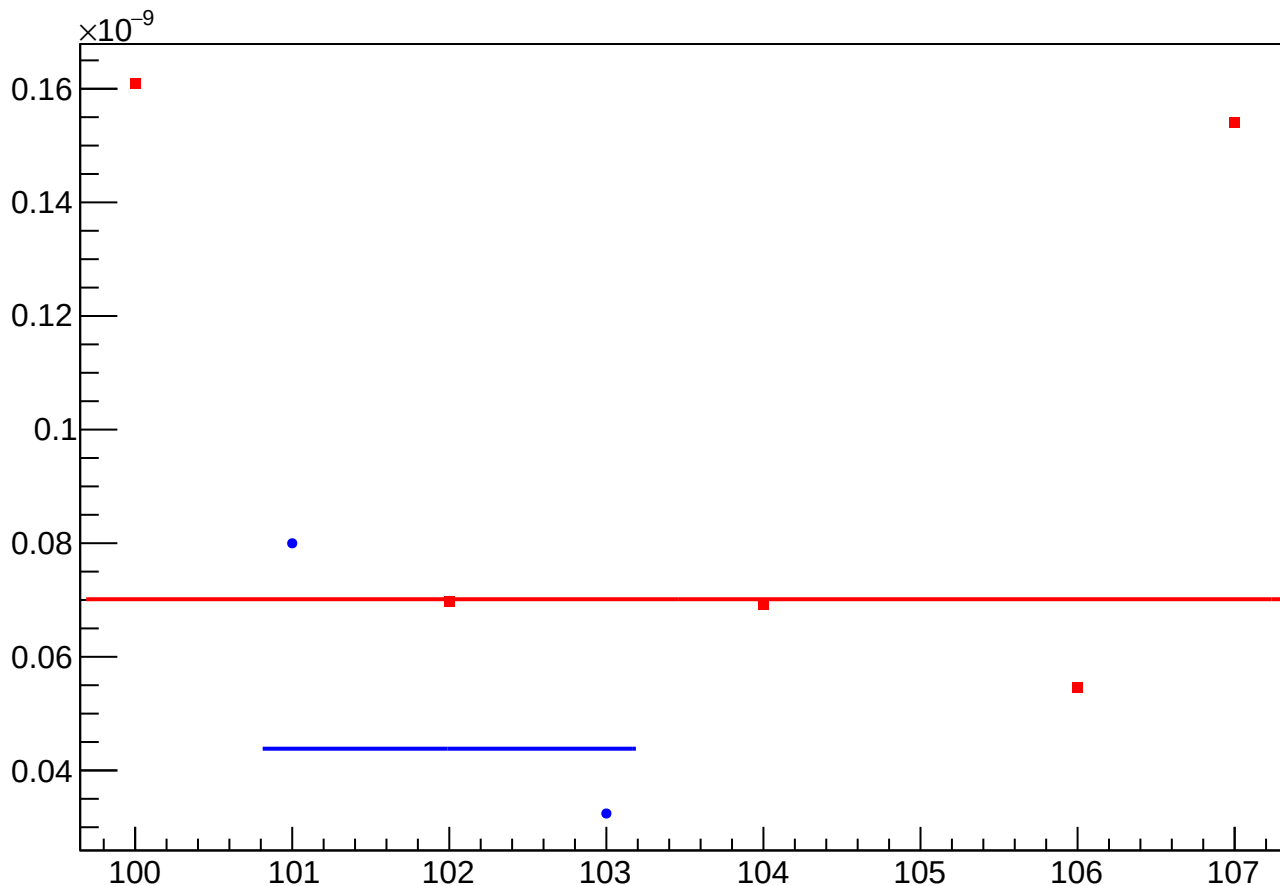
Right: -0.000+/-0.000 χ^2/NDF : 10.0/6

In: -0.000+/-0.000 χ^2/NDF : 1.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.0/6

asym_usl_atl2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 204248.4/1

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

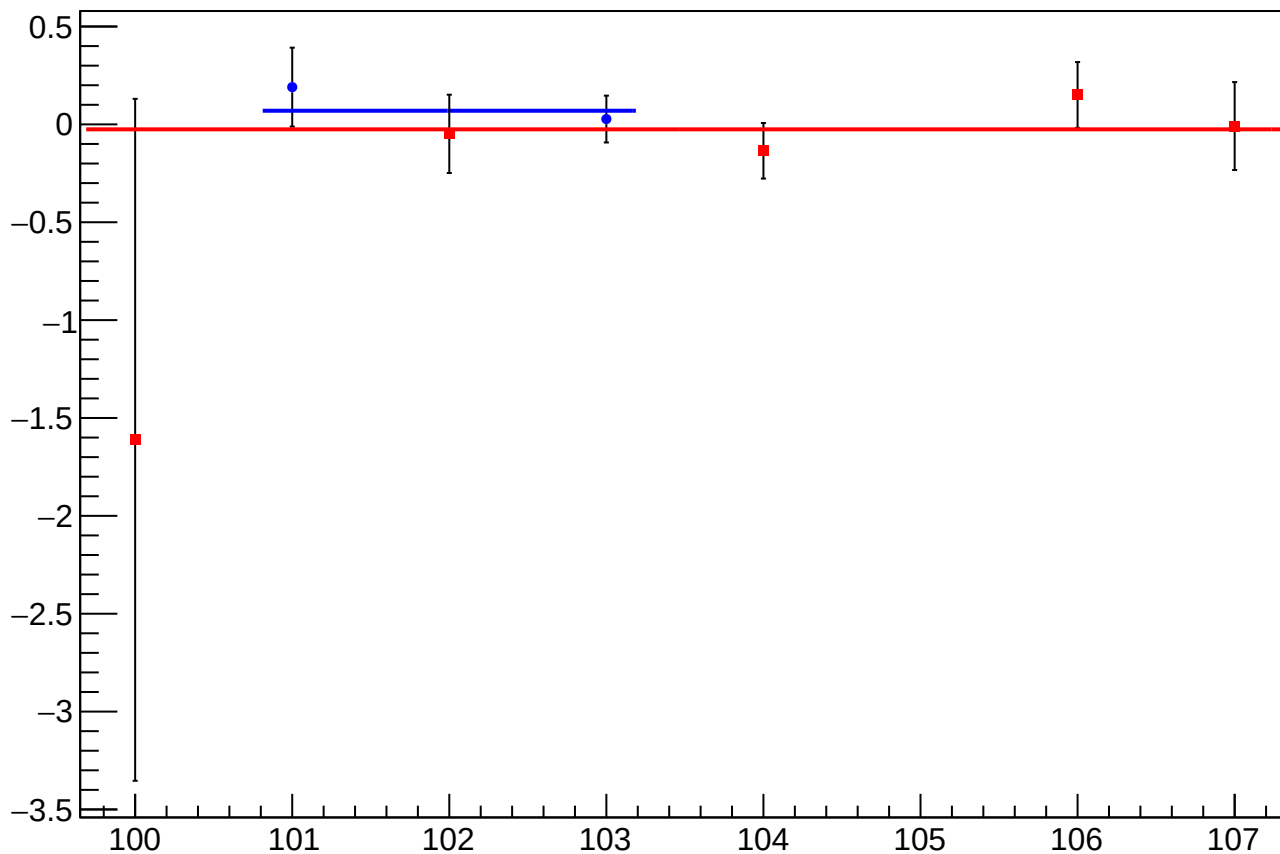
Right: 0.000+/-0.000 χ^2/NDF : 478590.0/6

In: 0.000+/-0.000 χ^2/NDF : 204248.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 478590.0/6

asym_usl_atl2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.070 $\pm$ 0.103 χ^2 /NDF: 0.5/1

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

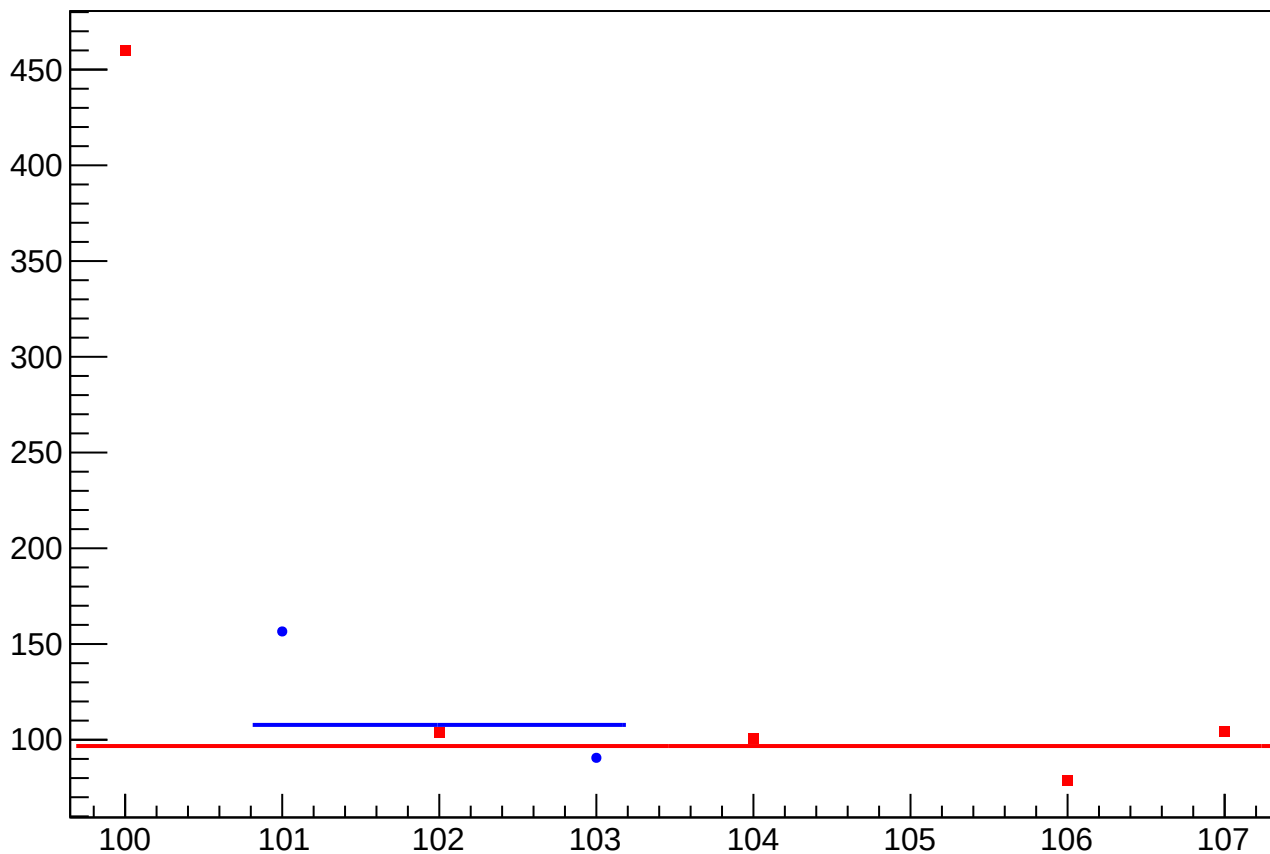
Right: 0.015 $\pm$ 0.067 χ^2 /NDF: 3.5/6

In: 0.070 $\pm$ 0.103 χ^2 /NDF: 0.5/1

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

All: 0.015 $\pm$ 0.067 χ^2 /NDF: 3.5/6

asym_usl_atl2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 107.768 $\pm$ 0.073 χ^2 /NDF: 158551.1/1

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

Right Out: 96.732 $\pm$ 0.062 χ^2 /NDF: 116367.5/4

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

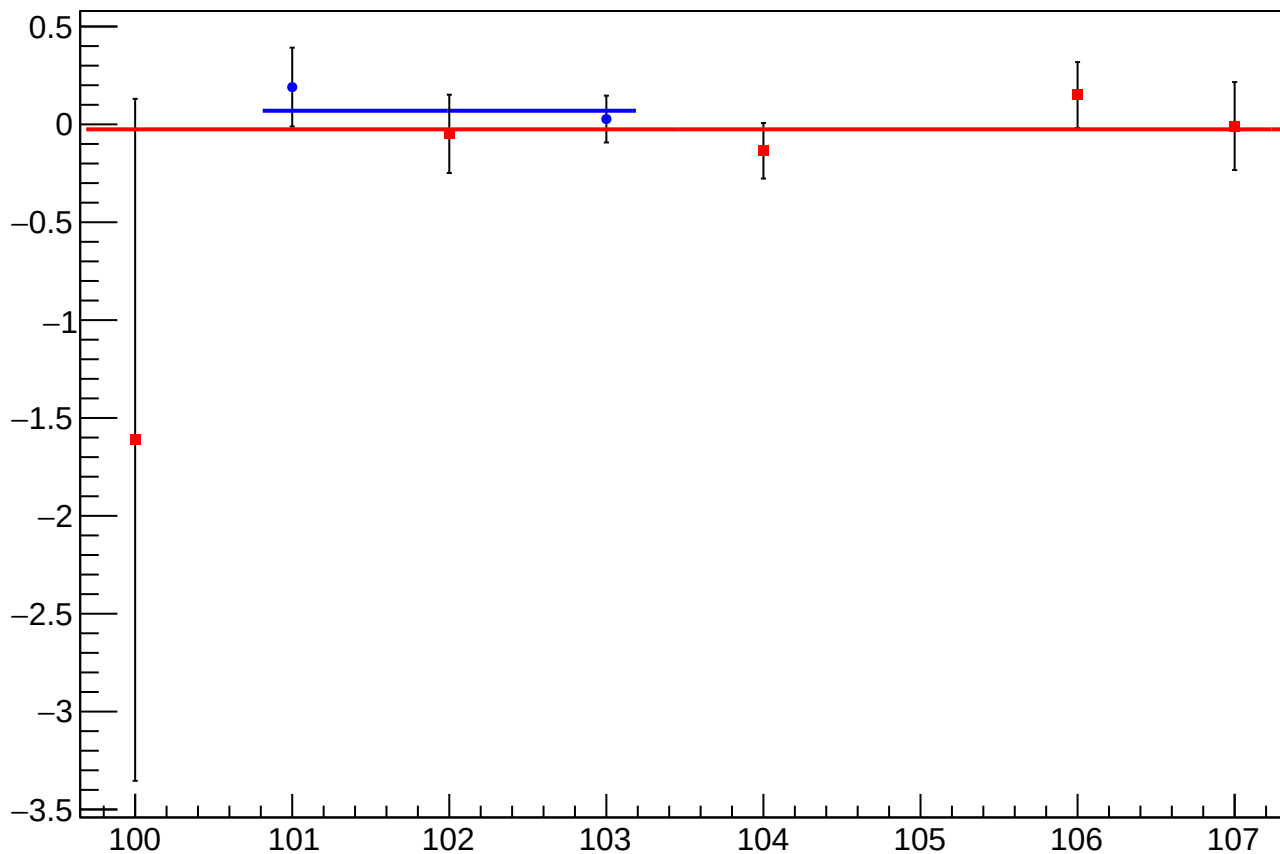
Right: 101.375 $\pm$ 0.047 χ^2 /NDF: 288255.7/6

In: 107.768 $\pm$ 0.073 χ^2 /NDF: 158551.1/1

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

All: 101.375 $\pm$ 0.047 χ^2 /NDF: 288255.7/6

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.070+/-0.103 χ^2/NDF : 0.5/1

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

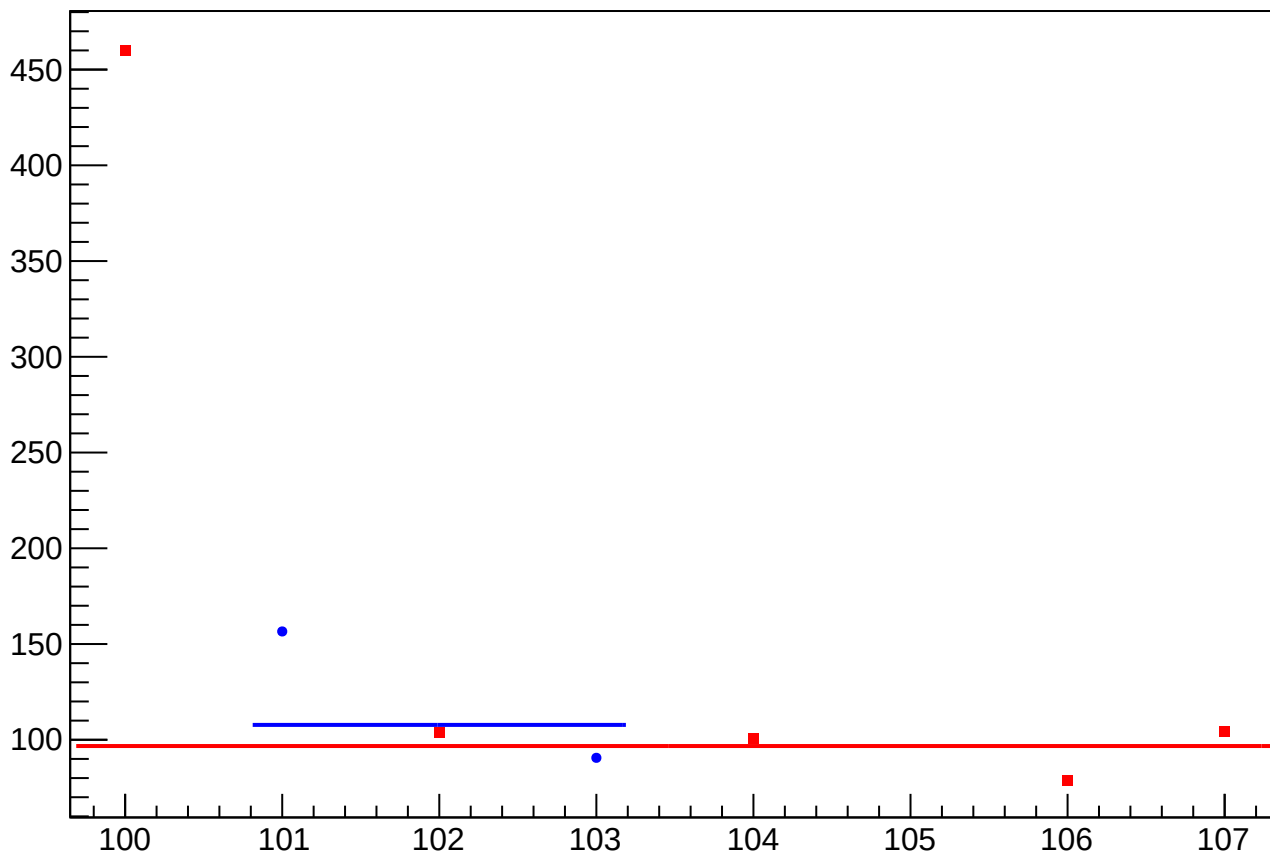
Right: 0.015+/-0.067 χ^2/NDF : 3.5/6

In: 0.070+/-0.103 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.067 χ^2/NDF : 3.5/6

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 107.768+/-0.073 χ^2/NDF : 158551.1/1

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

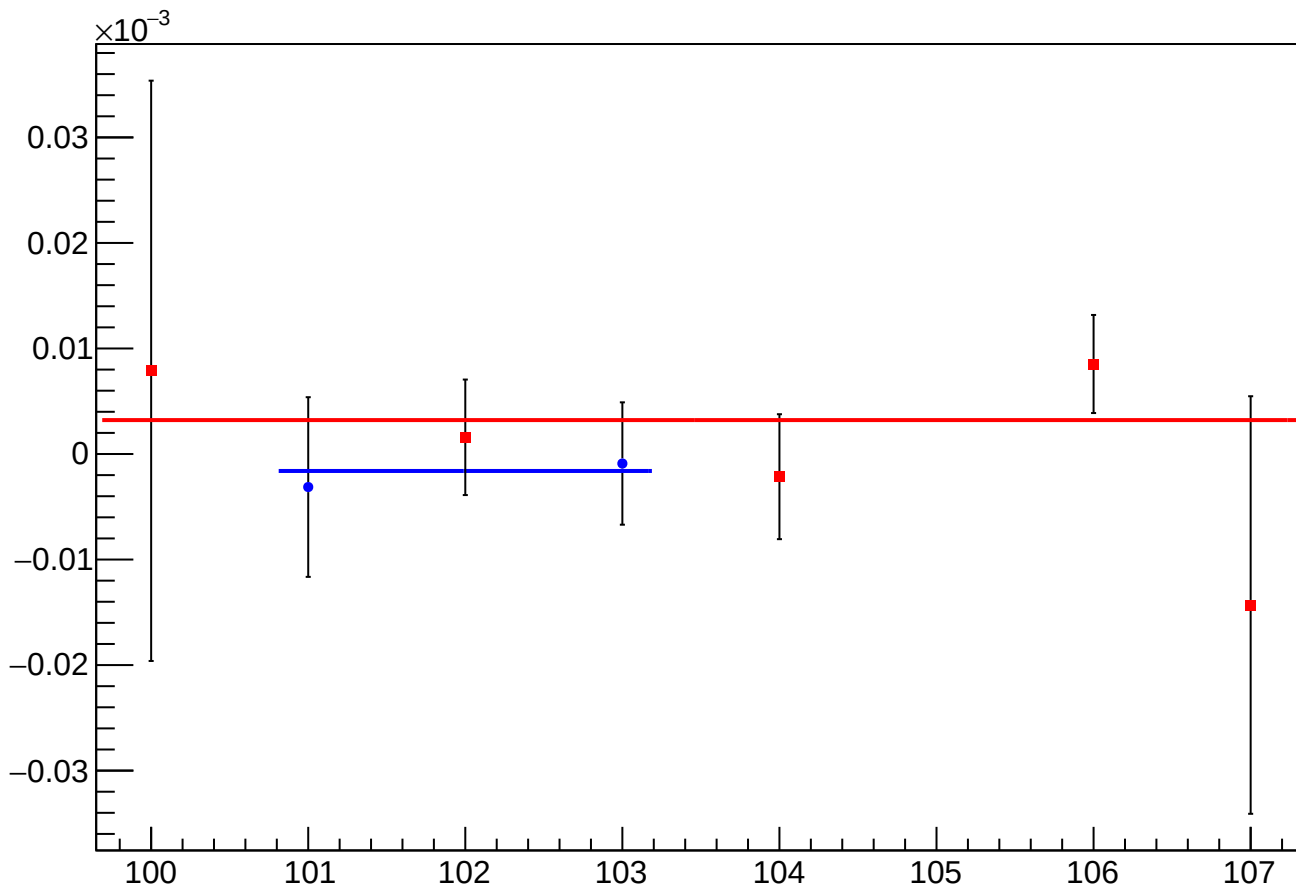
Right: 101.375+/-0.047 χ^2/NDF : 288255.7/6

In: 107.768+/-0.073 χ^2/NDF : 158551.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.375+/-0.047 χ^2/NDF : 288255.7/6

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.0/1

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

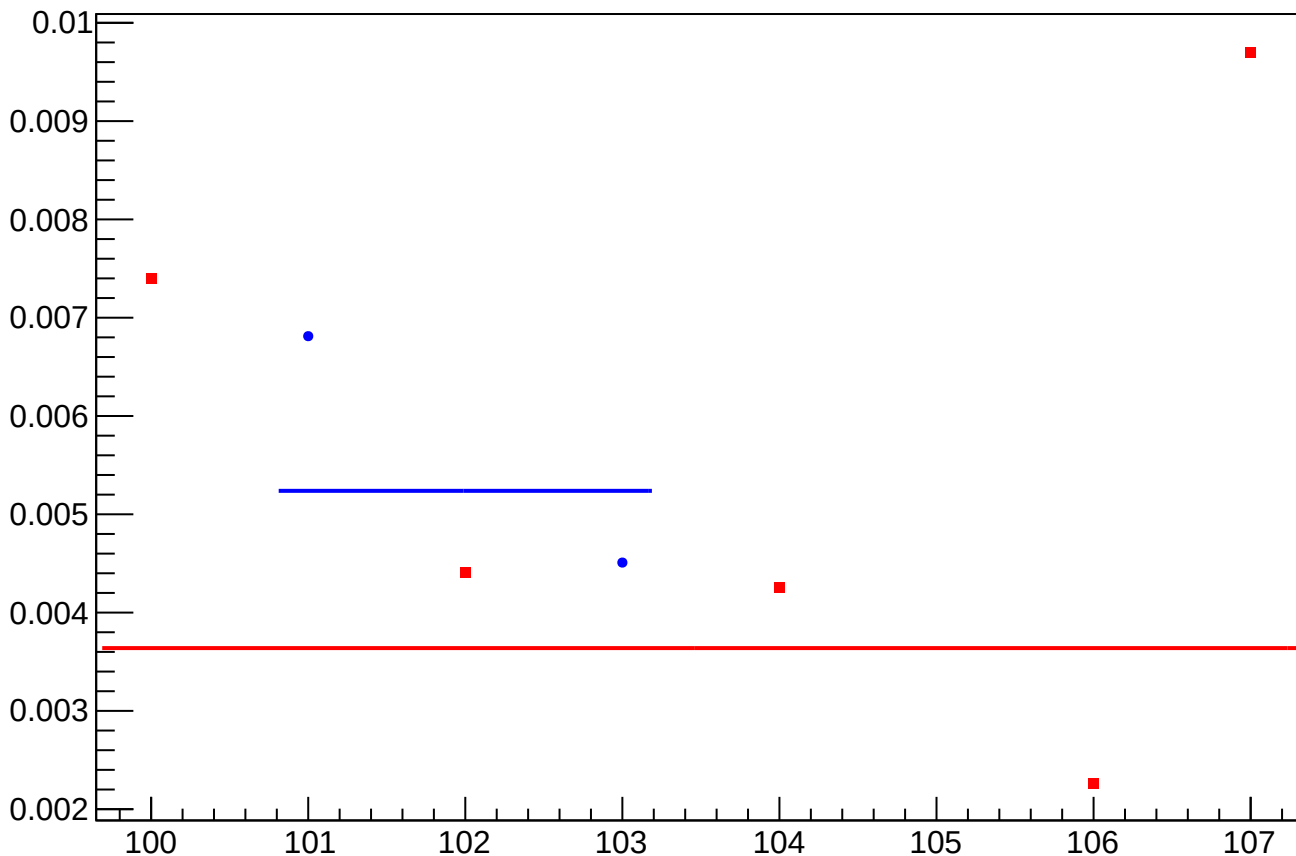
Right: 0.000+/-0.000 χ^2 /NDF: 3.8/6

In: -0.000+/-0.000 χ^2 /NDF:0.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 3.8/6

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 100027.2/1

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

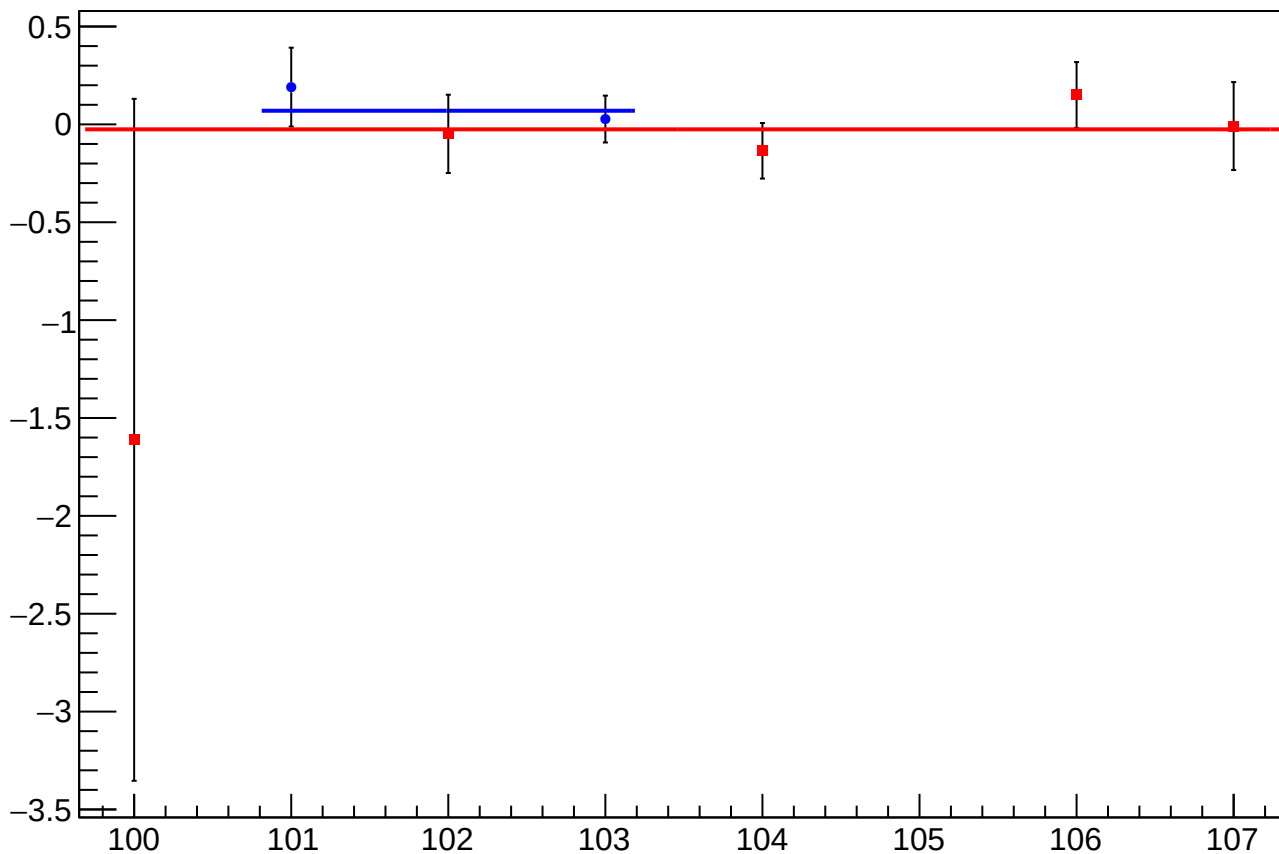
Right: 0.004+/-0.000 χ^2/NDF : 722951.3/6

In: 0.005+/-0.000 χ^2/NDF : 100027.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 722951.3/6

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.070 $\pm$ 0.103 χ^2 /NDF: 0.5/1

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

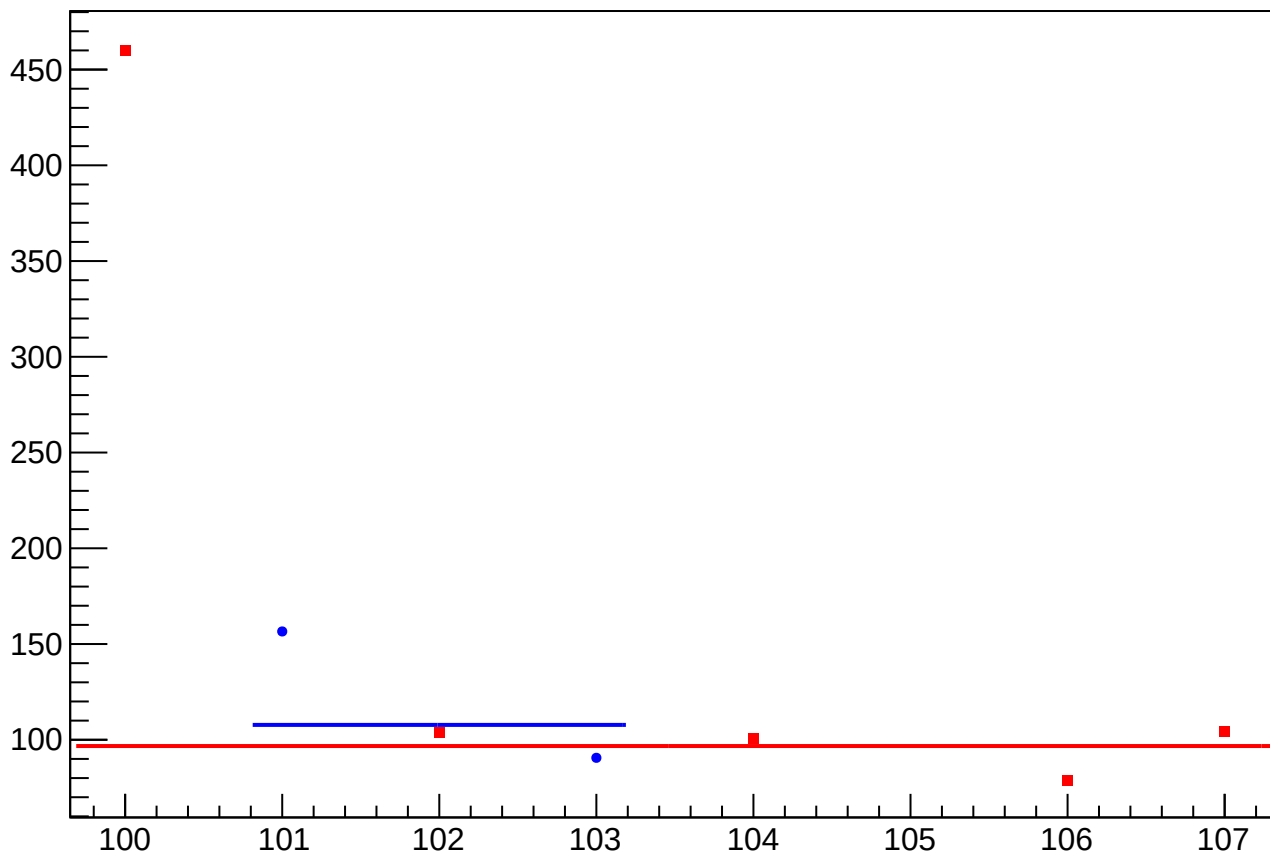
Right: 0.015 $\pm$ 0.067 χ^2 /NDF: 3.5/6

In: 0.070 $\pm$ 0.103 χ^2 /NDF: 0.5/1

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

All: 0.015 $\pm$ 0.067 χ^2 /NDF: 3.5/6

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 107.770+/-0.073 χ^2/NDF : 158530.7/1

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

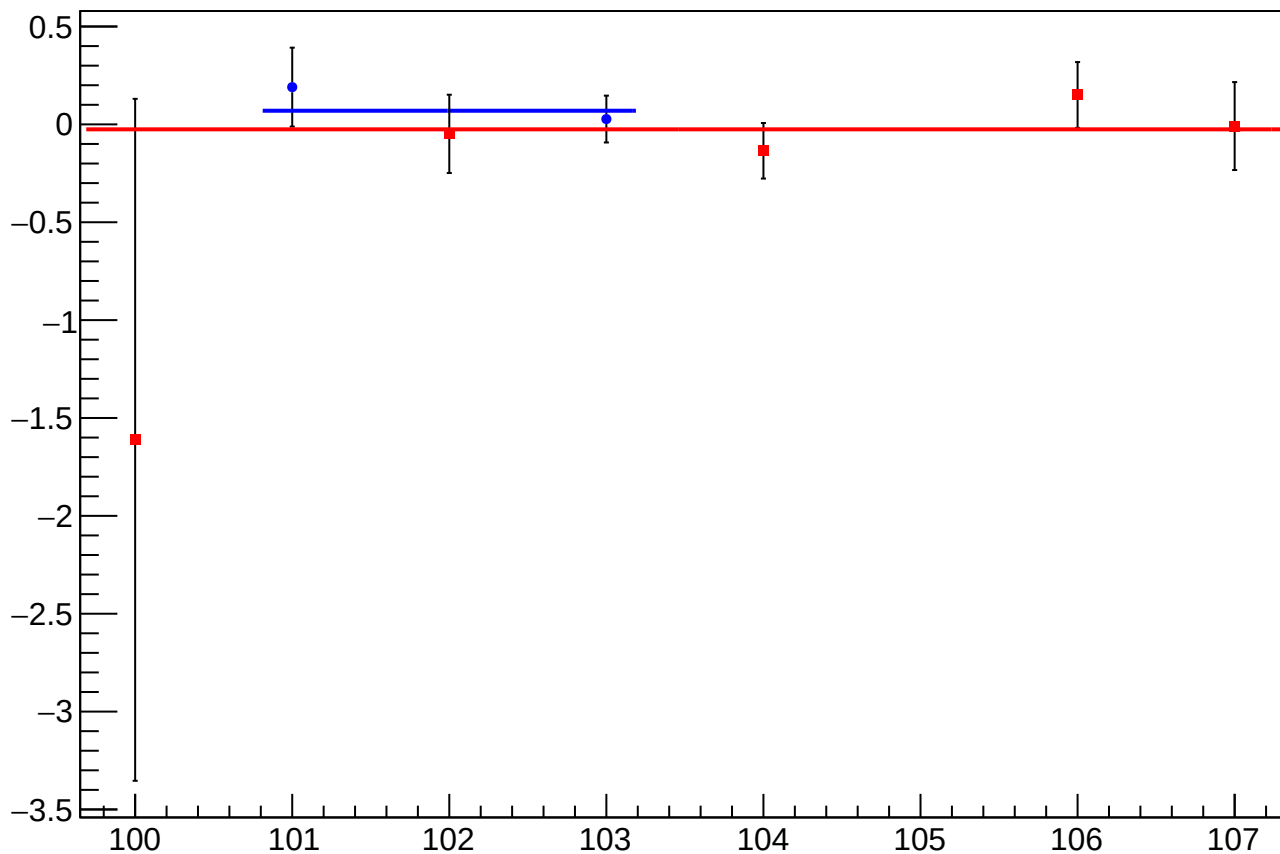
Right: 101.375+/-0.047 χ^2/NDF : 288238.0/6

In: 107.770+/-0.073 χ^2/NDF : 158530.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.375+/-0.047 χ^2/NDF : 288238.0/6

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.070 $\pm$ 0.103 χ^2 /NDF: 0.5/1

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

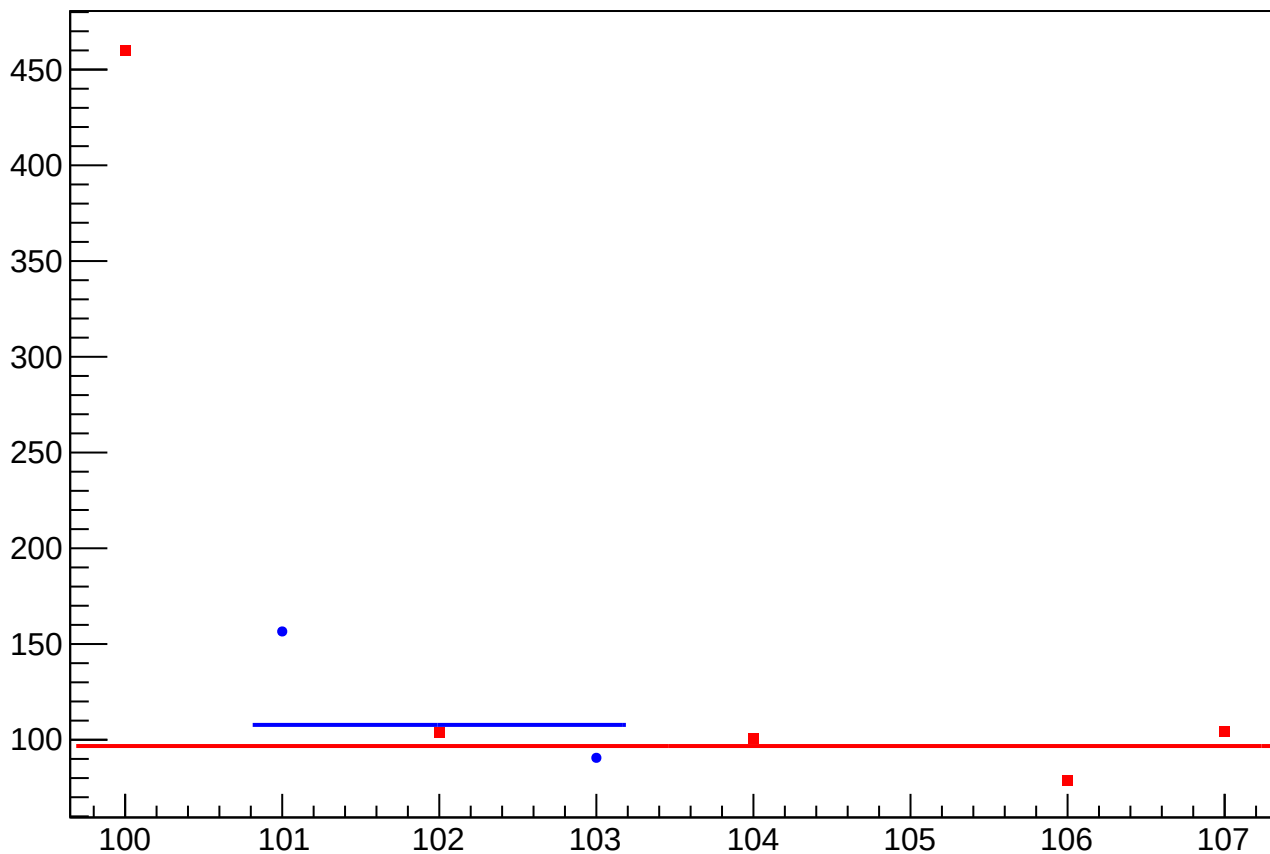
Right: 0.015 $\pm$ 0.067 χ^2 /NDF: 3.5/6

In: 0.070 $\pm$ 0.103 χ^2 /NDF: 0.5/1

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

All: 0.015 $\pm$ 0.067 χ^2 /NDF: 3.5/6

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 107.770+/-0.073 χ^2/NDF : 158530.7/1

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

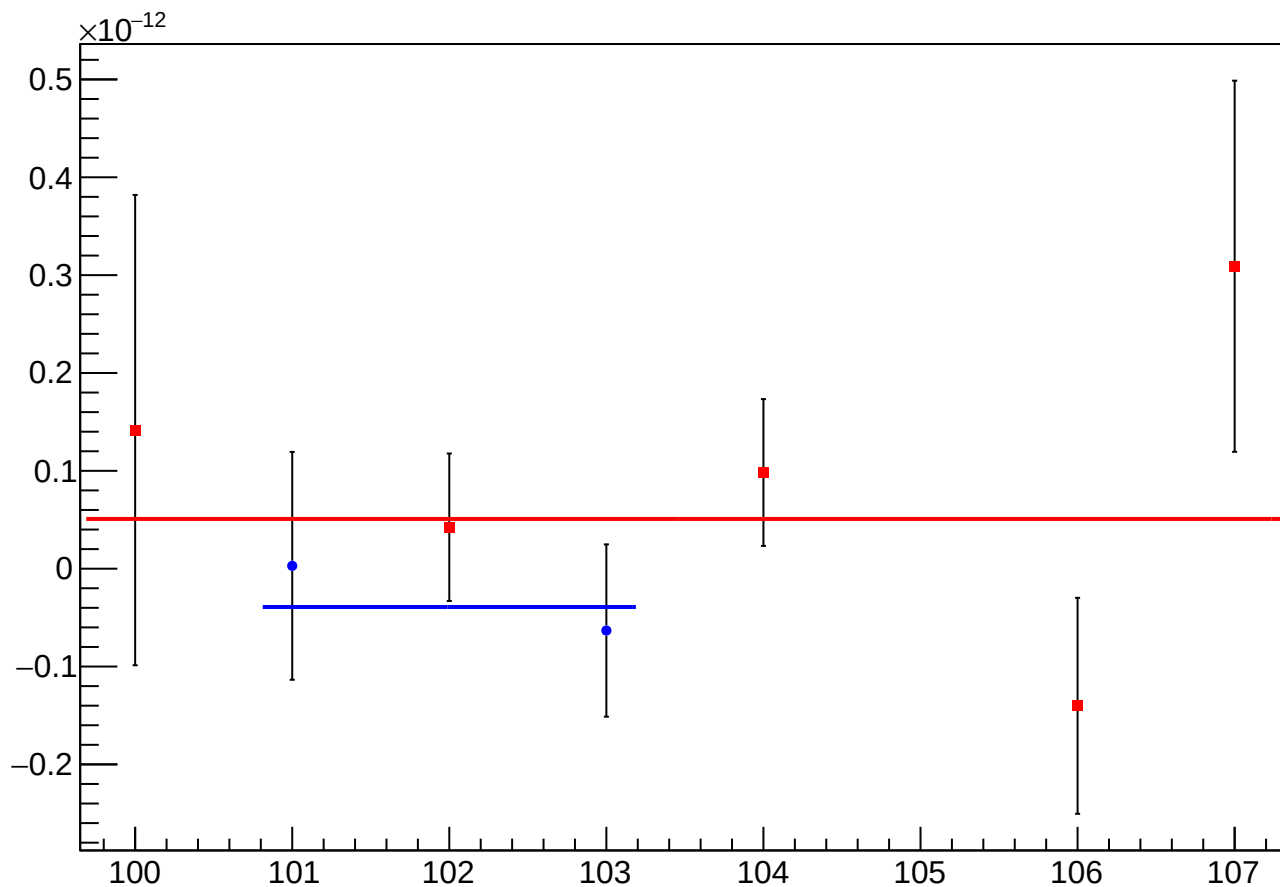
Right: 101.375+/-0.047 χ^2/NDF : 288238.0/6

In: 107.770+/-0.073 χ^2/NDF : 158530.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.375+/-0.047 χ^2/NDF : 288238.0/6

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.2/1

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

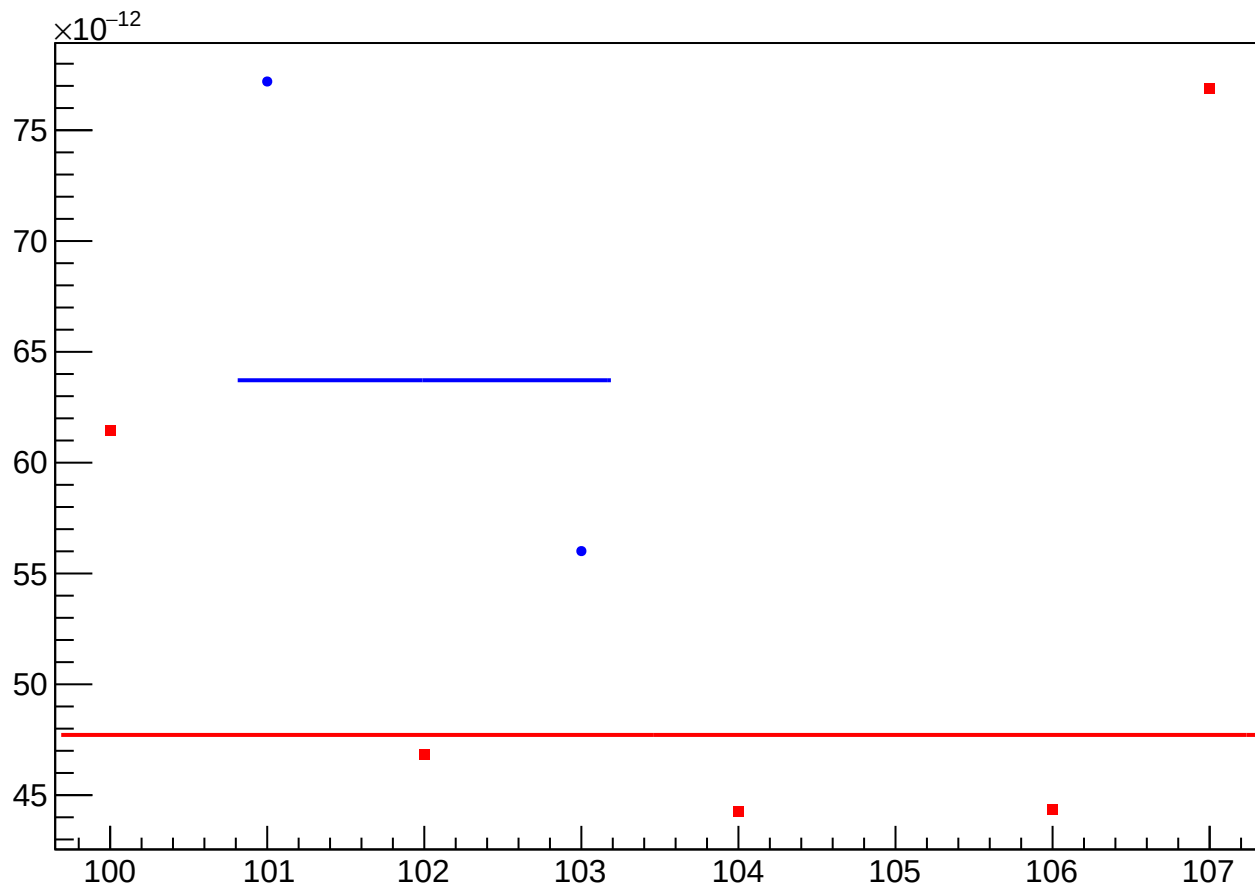
Right: 0.000+/-0.000 χ^2/NDF : 6.8/6

In: -0.000+/-0.000 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.8/6

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 42140.7/1

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

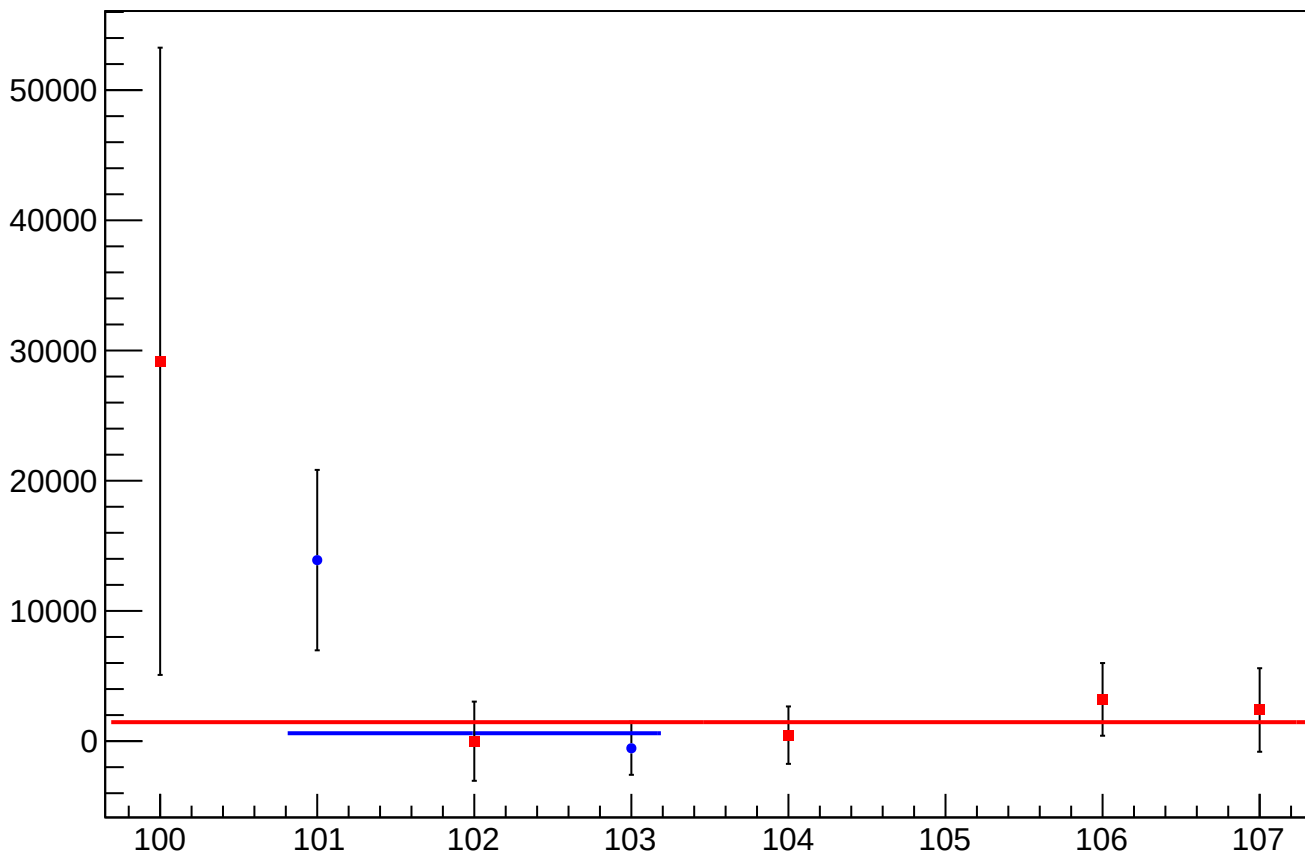
Right: 0.000+/-0.000 χ^2/NDF : 175500.0/6

In: 0.000+/-0.000 χ^2/NDF : 42140.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 175500.0/6

reg_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 605.566+/-1957.392 χ^2/NDF : 4.0/1

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

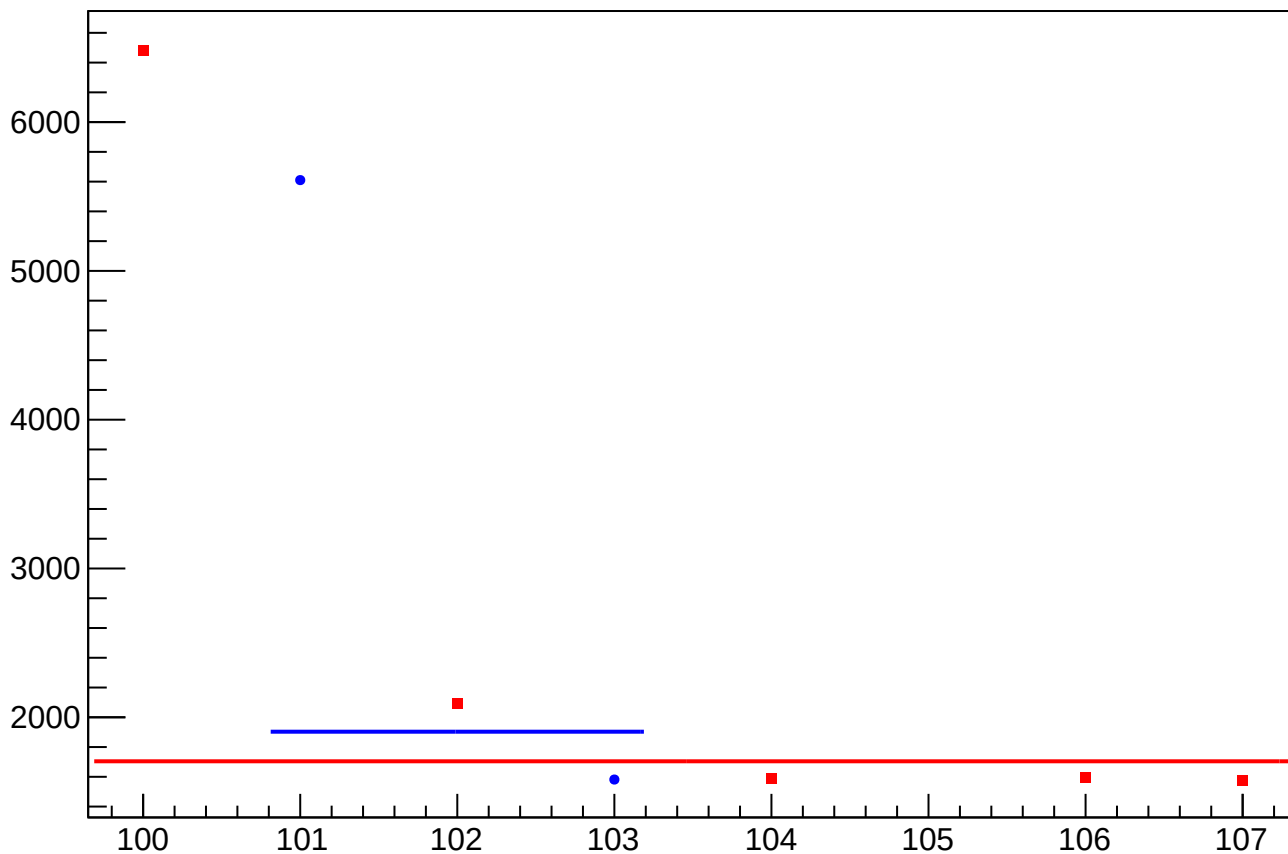
Right: 1179.178+/-1116.618 χ^2/NDF : 6.4/6

In: 605.566+/-1957.392 χ^2/NDF : 4.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1179.178+/-1116.618 χ^2/NDF : 6.4/6

reg_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1903.144+/-1.384 χ^2/NDF : 622180.8/1

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

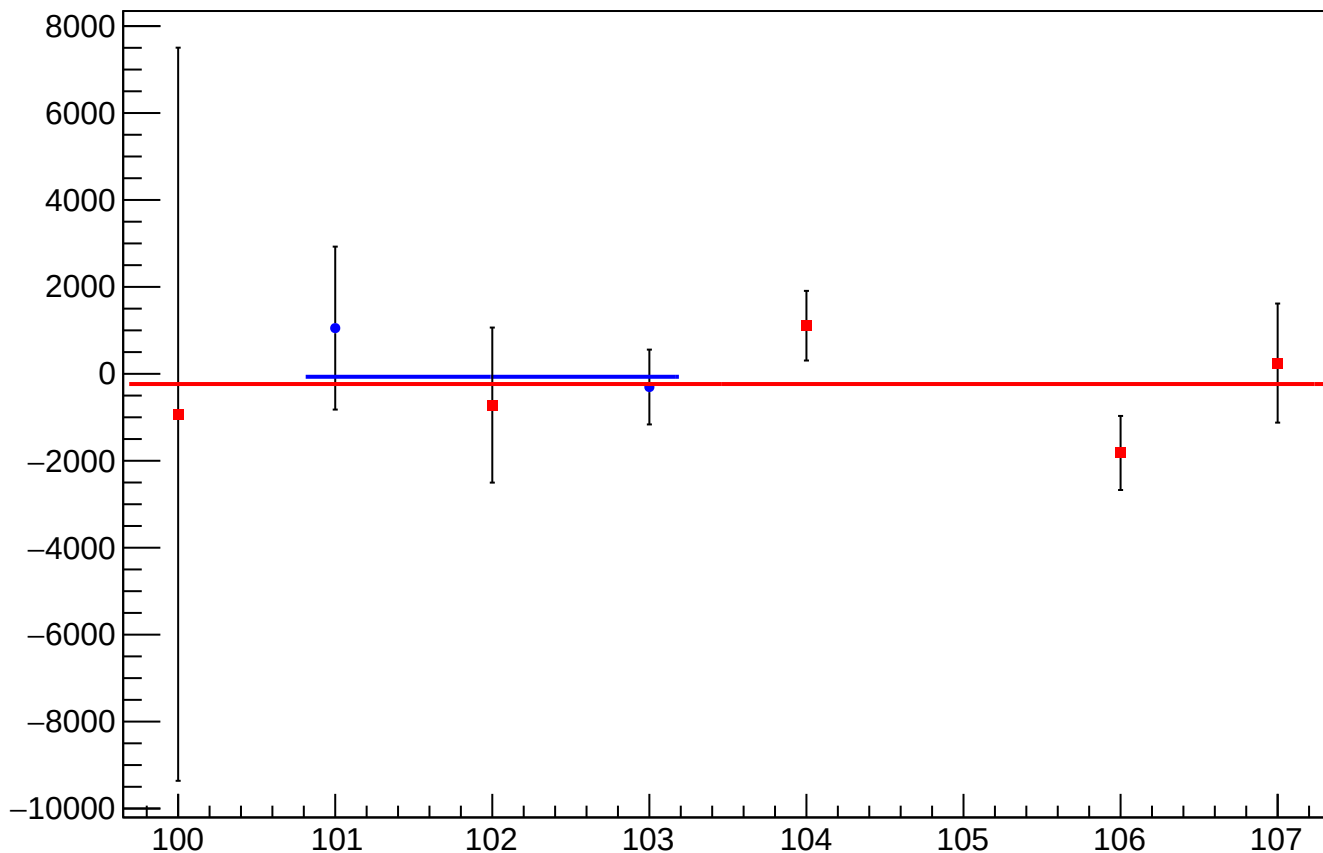
Right: 1768.985+/-0.790 χ^2/NDF : 759749.4/6

In: 1903.144+/-1.384 χ^2/NDF : 622180.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1768.985+/-0.790 χ^2/NDF : 759749.4/6

asym_usr_atr1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -67.489+/-782.072 χ^2/NDF : 0.4/1

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

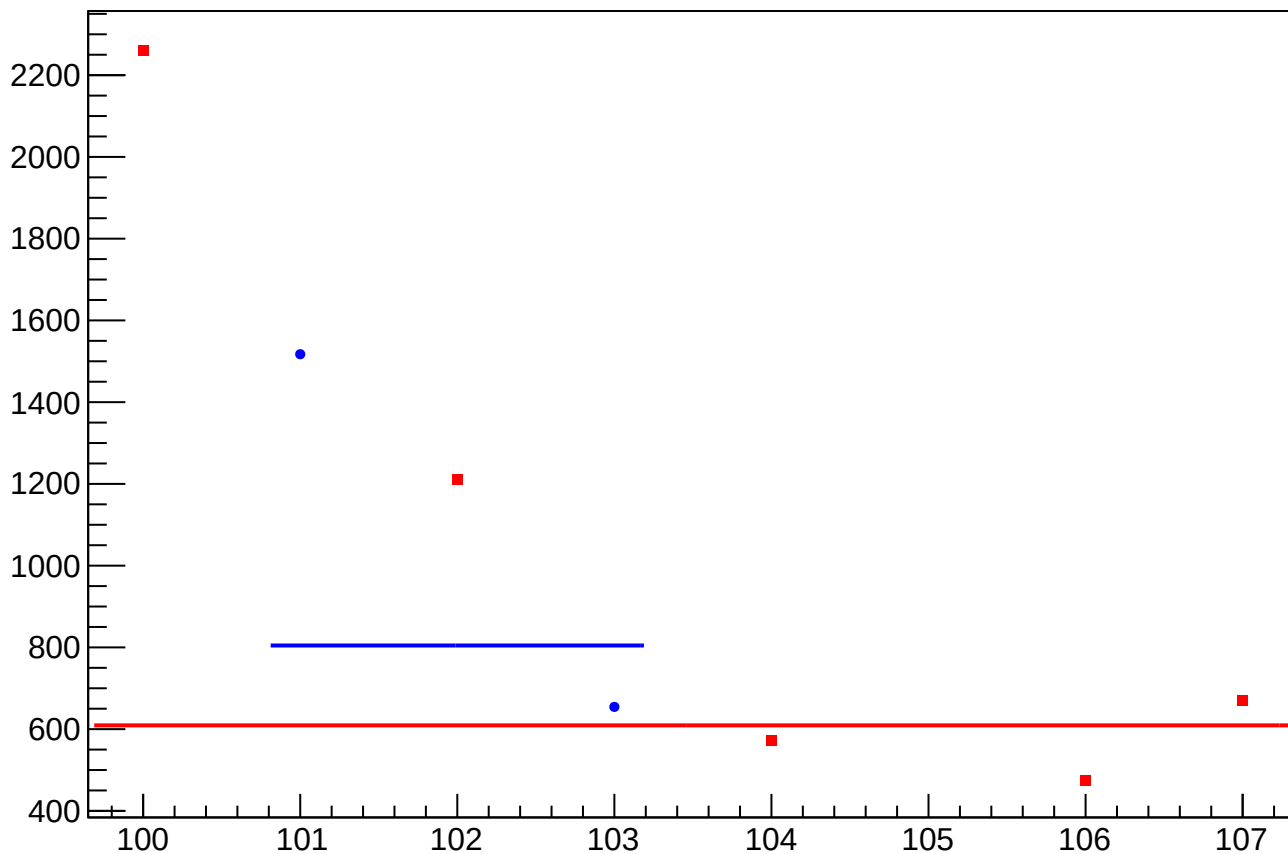
Right: -184.220+/-429.028 χ^2/NDF : 6.9/6

In: -67.489+/-782.072 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -184.220+/-429.028 χ^2/NDF : 6.9/6

asym_usr_atr1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 804.657+/-0.553 χ^2/NDF : 350061.3/1

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

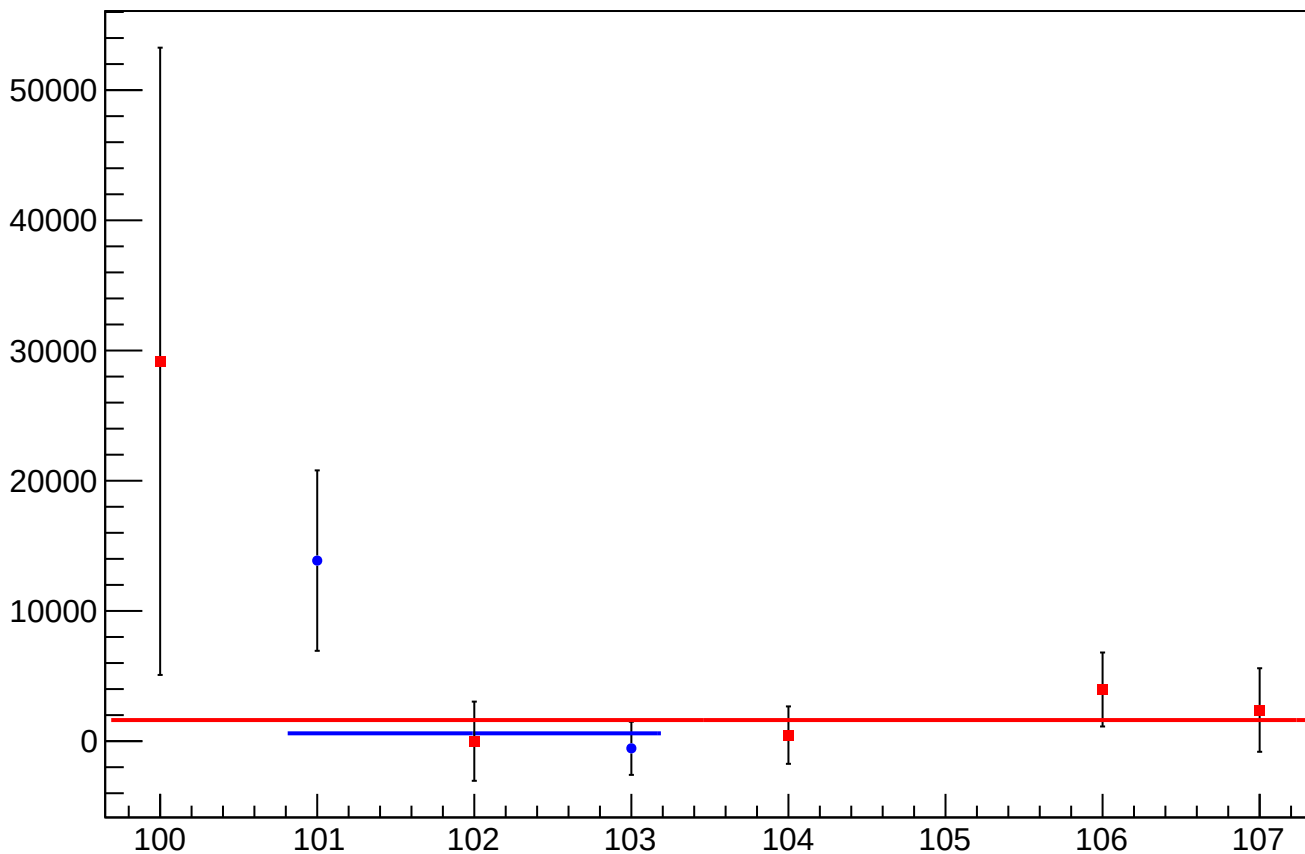
Right: 668.052+/-0.303 χ^2/NDF : 799490.2/6

In: 804.657+/-0.553 χ^2/NDF : 350061.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 668.052+/-0.303 χ^2/NDF : 799490.2/6

cor_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 600.608+/-1957.395 χ^2/NDF : 4.0/1

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

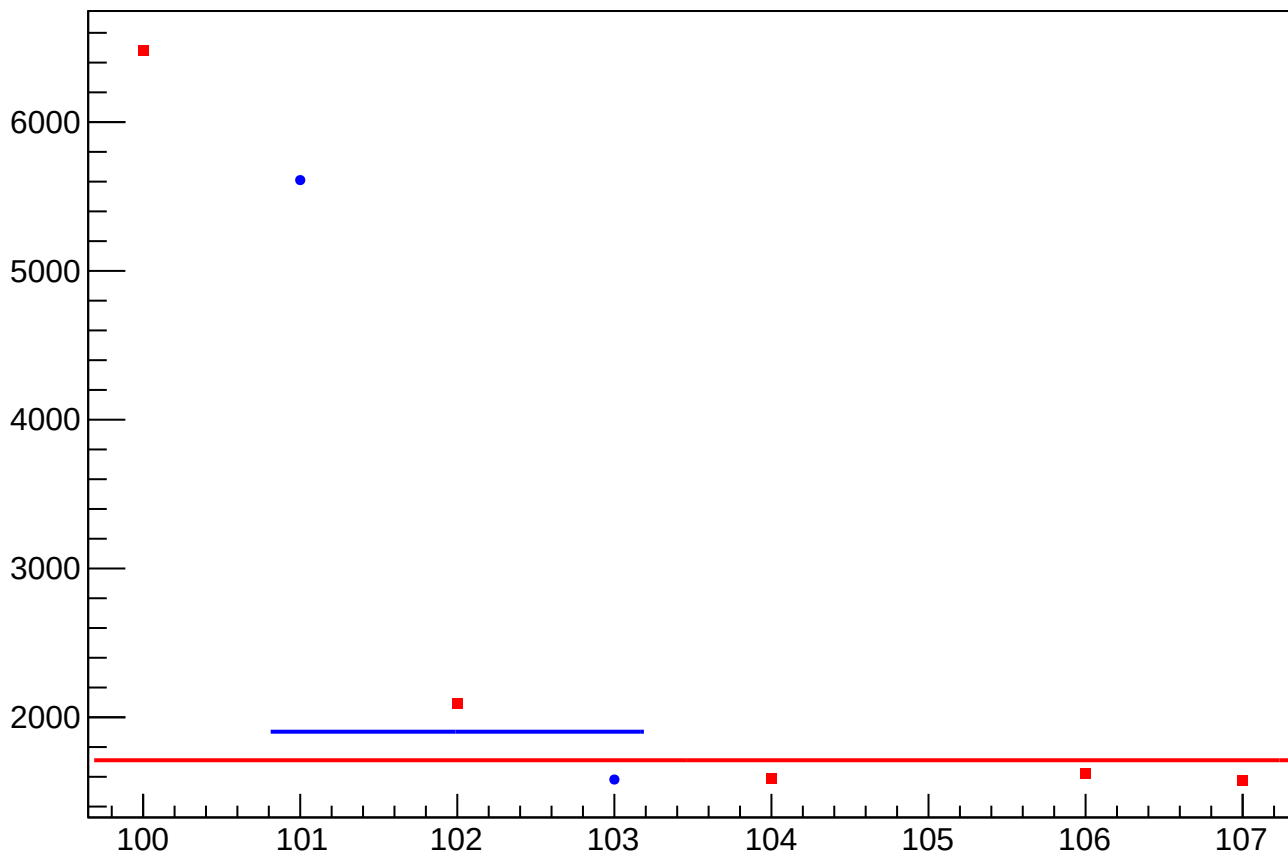
Right: 1286.218+/-1119.708 χ^2/NDF : 6.8/6

In: 600.608+/-1957.395 χ^2/NDF : 4.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1286.218+/-1119.708 χ^2/NDF : 6.8/6

cor_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1903.145+/-1.384 χ^2/NDF : 622180.4/1

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

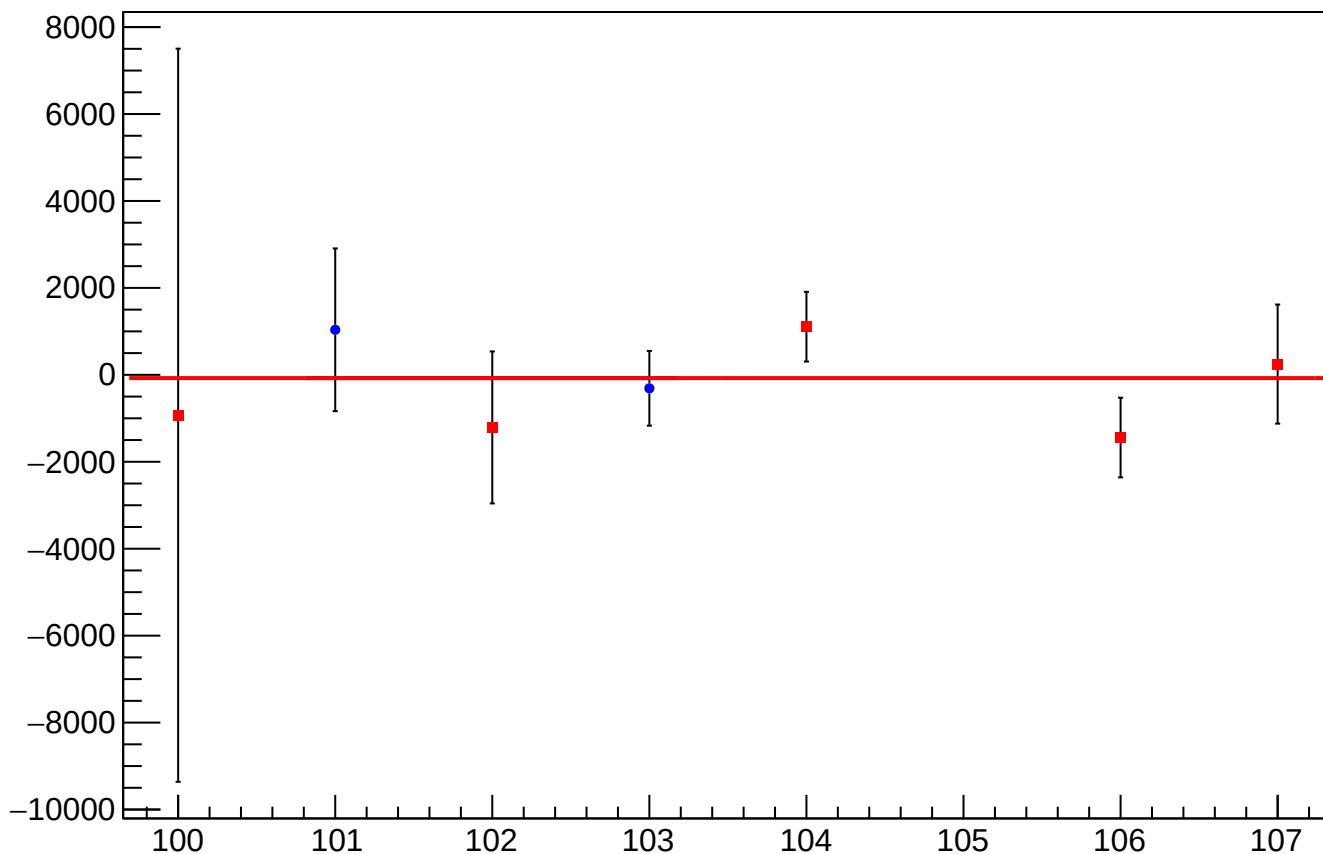
Right: 1774.074+/-0.792 χ^2/NDF : 757302.8/6

In: 1903.145+/-1.384 χ^2/NDF : 622180.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1774.074+/-0.792 χ^2/NDF : 757302.8/6

asym_usr_atr1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -75.140+/-781.531 χ^2/NDF : 0.4/1

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

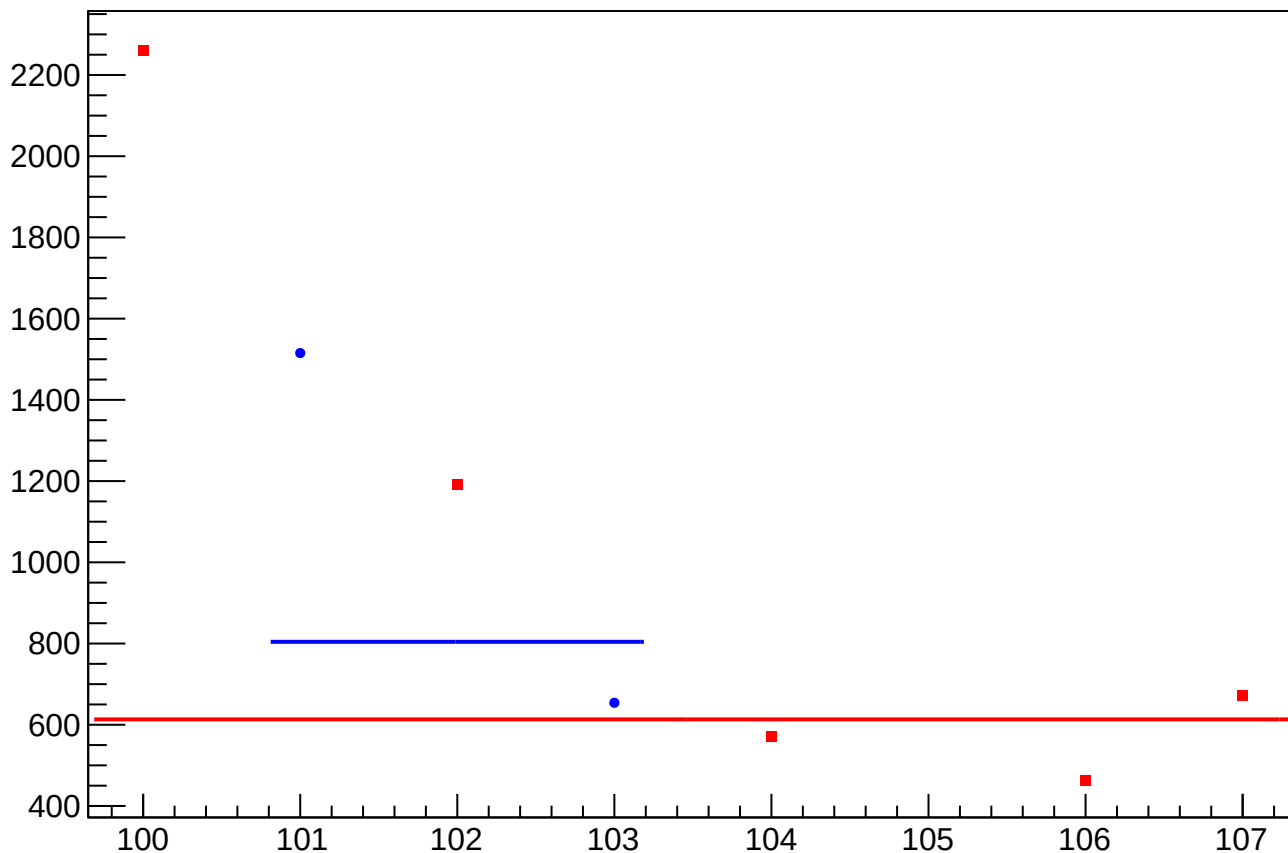
Right: -74.930+/-436.160 χ^2/NDF : 5.3/6

In: -75.140+/-781.531 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -74.930+/-436.160 χ^2/NDF : 5.3/6

asym_usr_atr1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 804.256+/-0.553 χ^2/NDF : 349535.5/1

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

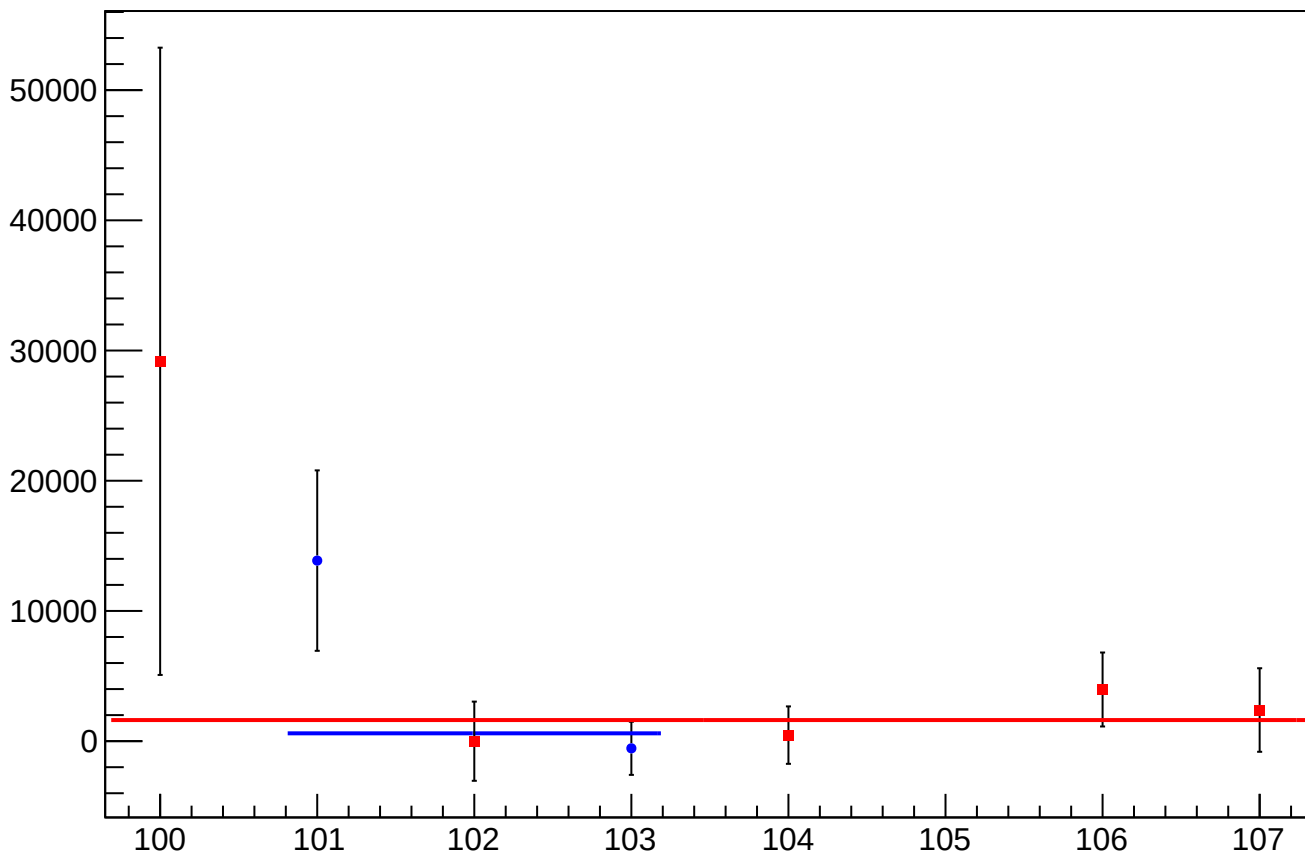
Right: 672.741+/-0.308 χ^2/NDF : 789254.5/6

In: 804.256+/-0.553 χ^2/NDF : 349535.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 672.741+/-0.308 χ^2/NDF : 789254.5/6

eigen_cor_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 600.608+/-1957.395 χ^2/NDF : 4.0/1

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

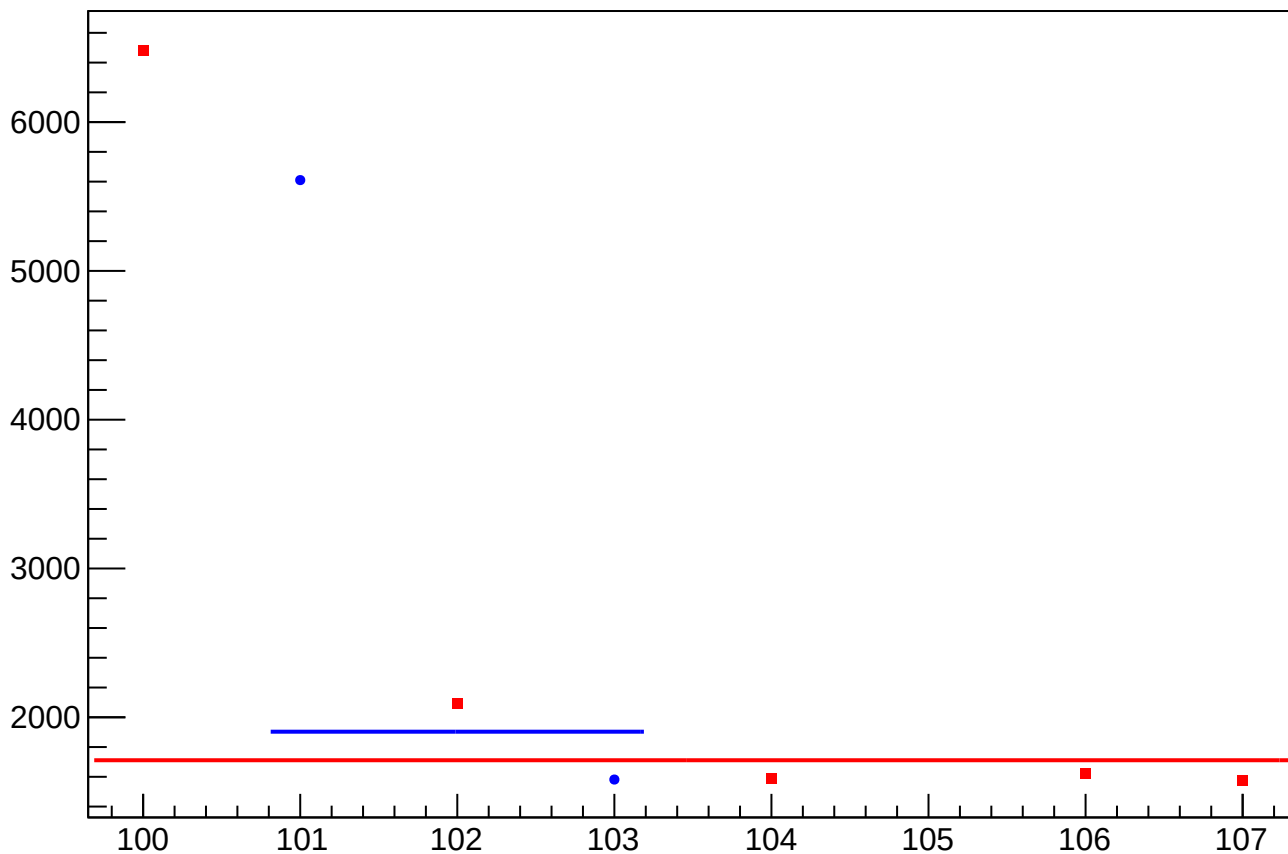
Right: 1286.218+/-1119.708 χ^2/NDF : 6.8/6

In: 600.608+/-1957.395 χ^2/NDF : 4.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1286.218+/-1119.708 χ^2/NDF : 6.8/6

eigen_cor_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1903.145+/-1.384 χ^2/NDF : 622180.4/1

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

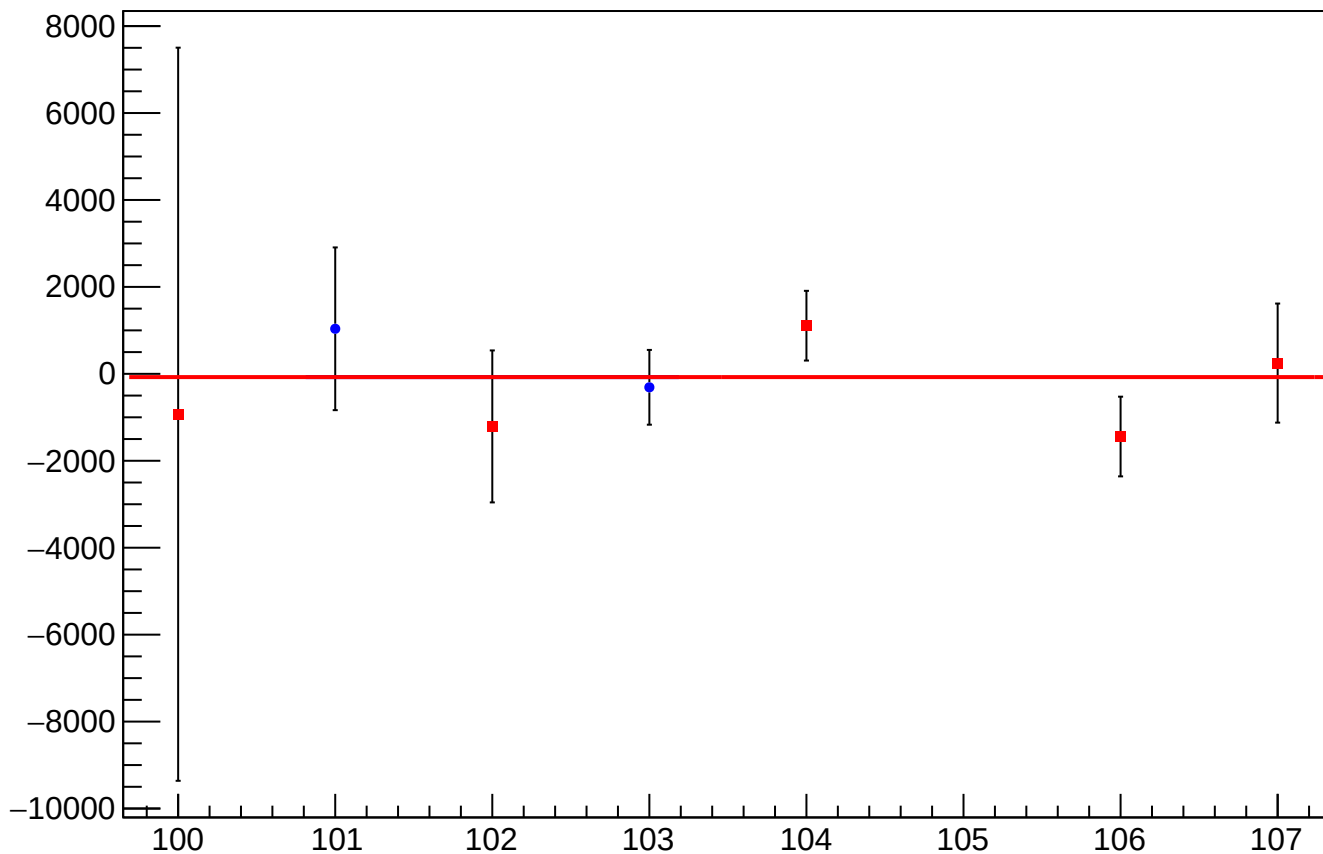
Right: 1774.074+/-0.792 χ^2/NDF : 757302.8/6

In: 1903.145+/-1.384 χ^2/NDF : 622180.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1774.074+/-0.792 χ^2/NDF : 757302.8/6

asym_usr_atr1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -75.140+/-781.531 χ^2/NDF : 0.4/1

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

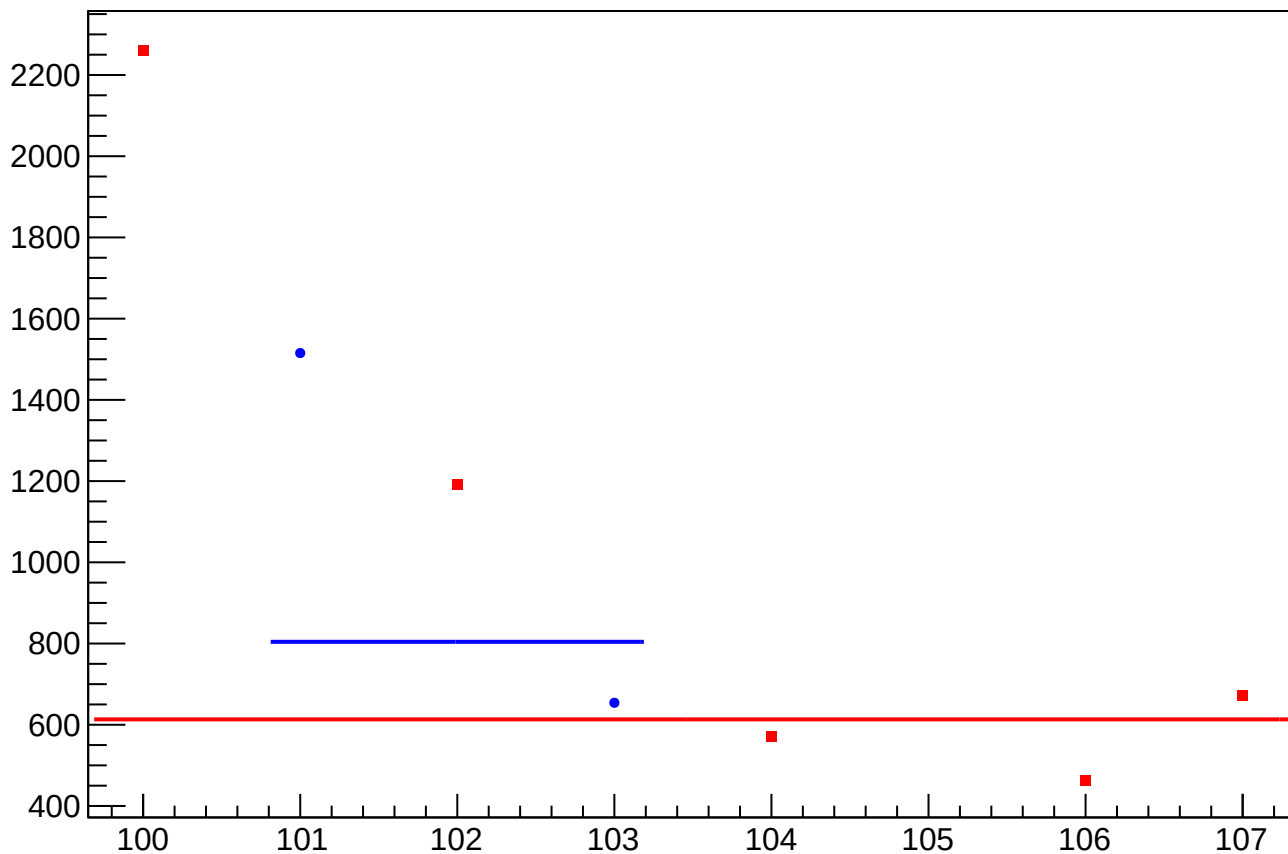
Right: -74.930+/-436.160 χ^2/NDF : 5.3/6

In: -75.140+/-781.531 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -74.930+/-436.160 χ^2/NDF : 5.3/6

asym_usr_atr1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 804.256+/-0.553 χ^2/NDF : 349535.5/1

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

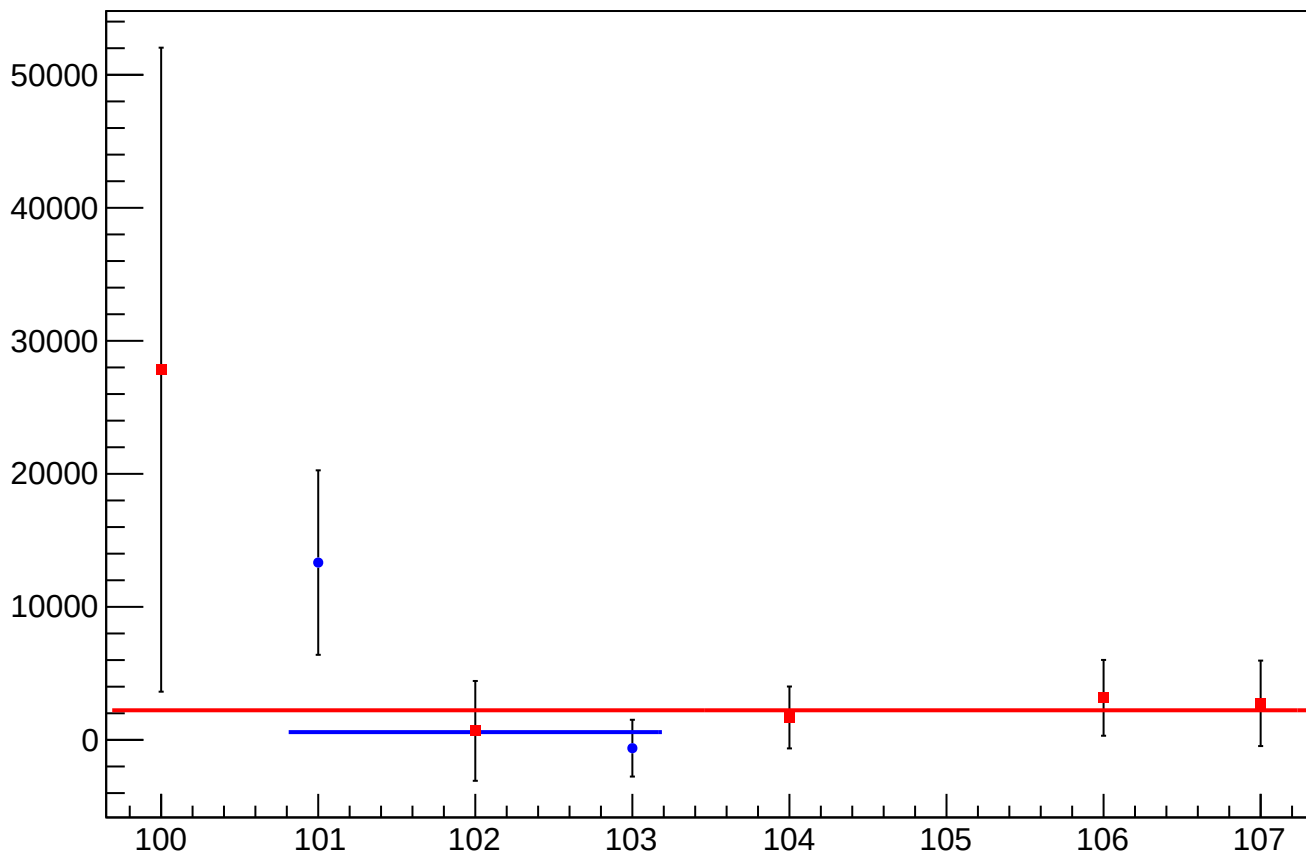
Right: 672.741+/-0.308 χ^2/NDF : 789254.5/6

In: 804.256+/-0.553 χ^2/NDF : 349535.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 672.741+/-0.308 χ^2/NDF : 789254.5/6

dit_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 583.891+/-2039.968 χ^2/NDF : 3.7/1

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

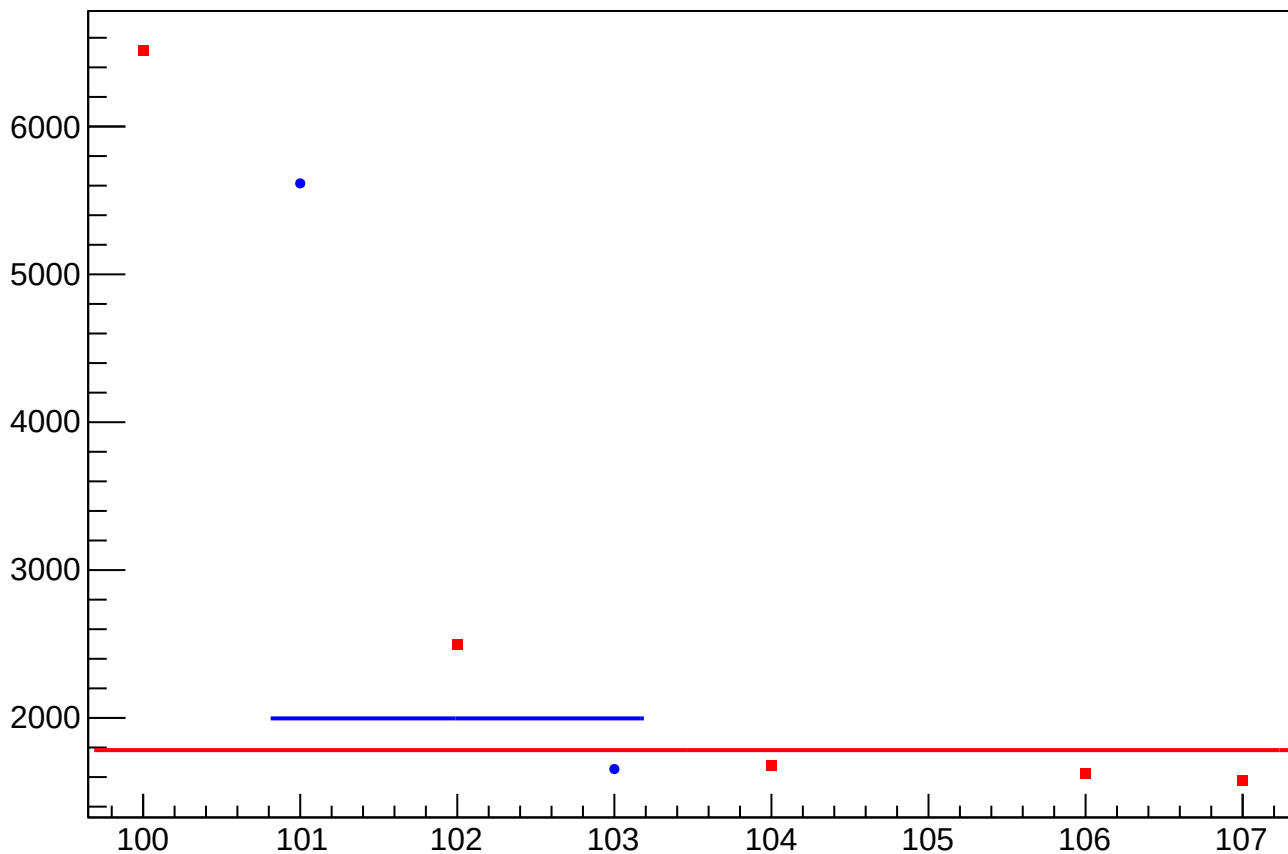
Right: 1675.506+/-1180.340 χ^2/NDF : 5.6/6

In: 583.891+/-2039.968 χ^2/NDF : 3.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1675.506+/-1180.340 χ^2/NDF : 5.6/6

dit_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1996.937+/-1.442 χ^2/NDF : 596037.2/1

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

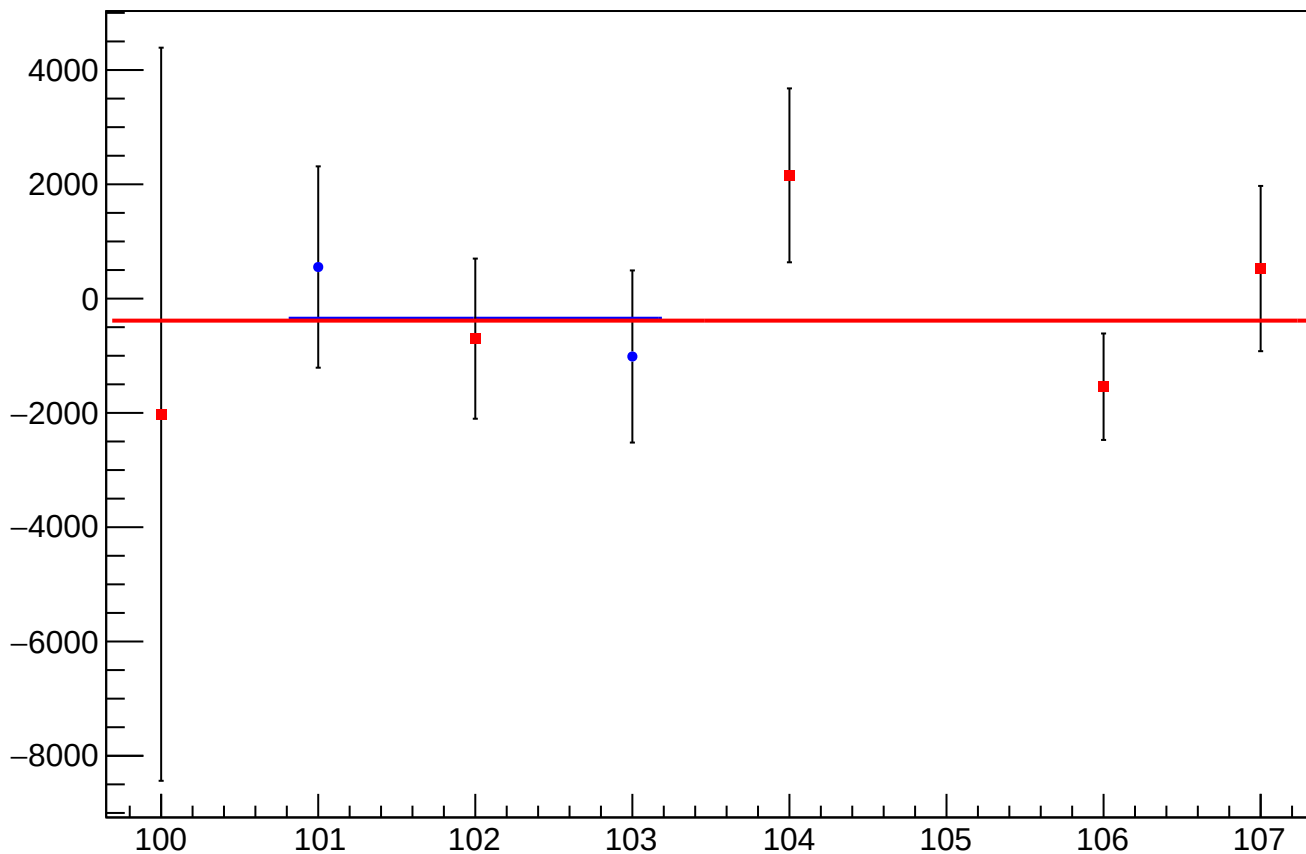
Right: 1854.131+/-0.835 χ^2/NDF : 778047.8/6

In: 1996.937+/-1.442 χ^2/NDF : 596037.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1854.131+/-0.835 χ^2/NDF : 778047.8/6

asym_usr_atr1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -351.954 $\pm$ 1144.664 χ^2 /NDF: 0.5/1

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

Right Out: -385.287 $\pm$ 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

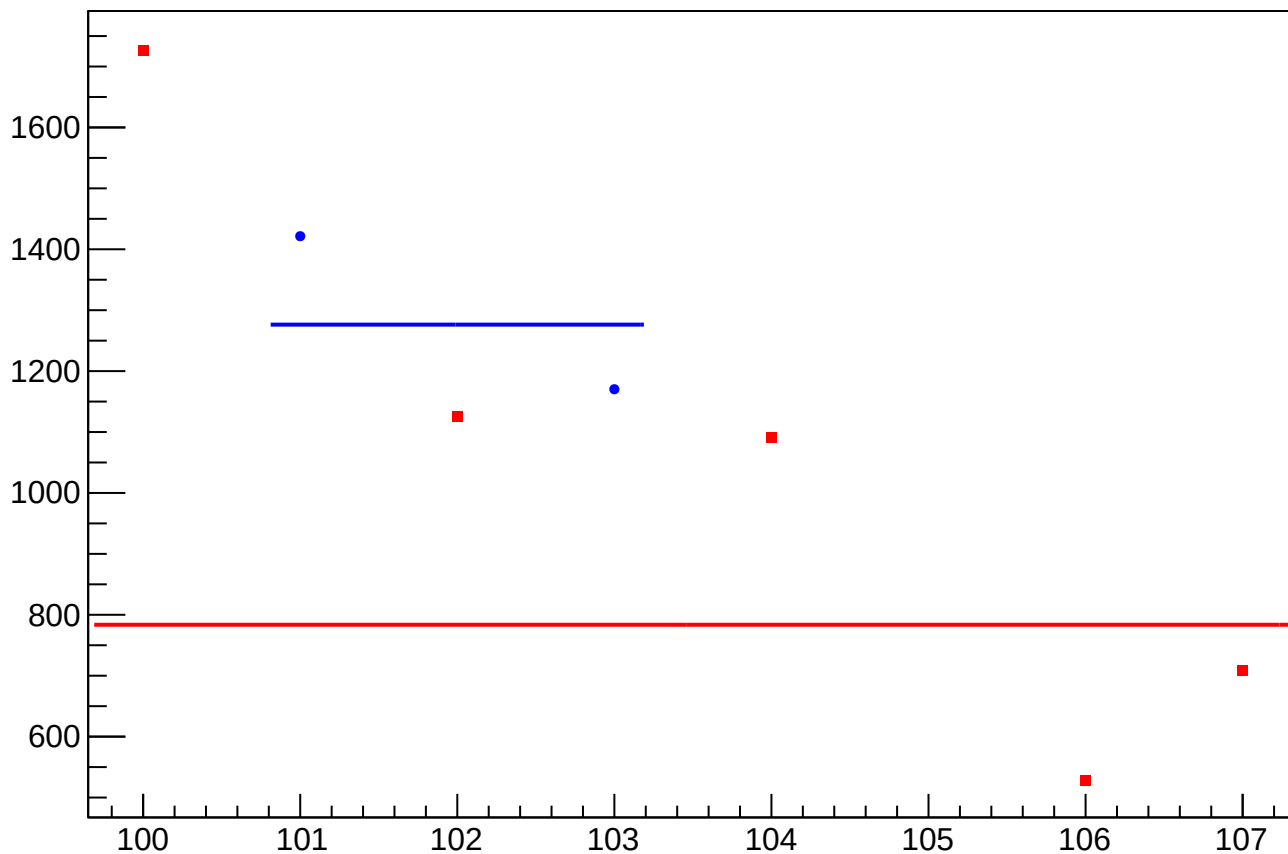
Right: -377.716 $\pm$ 545.524 χ^2 /NDF: 5.3/6

In: -351.954 $\pm$ 1144.664 χ^2 /NDF: 0.5/1

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

All: -377.716 $\pm$ 545.524 χ^2 /NDF: 5.3/6

asym_usr_atr1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1276.329+/-0.809 χ^2/NDF : 23502.6/1

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

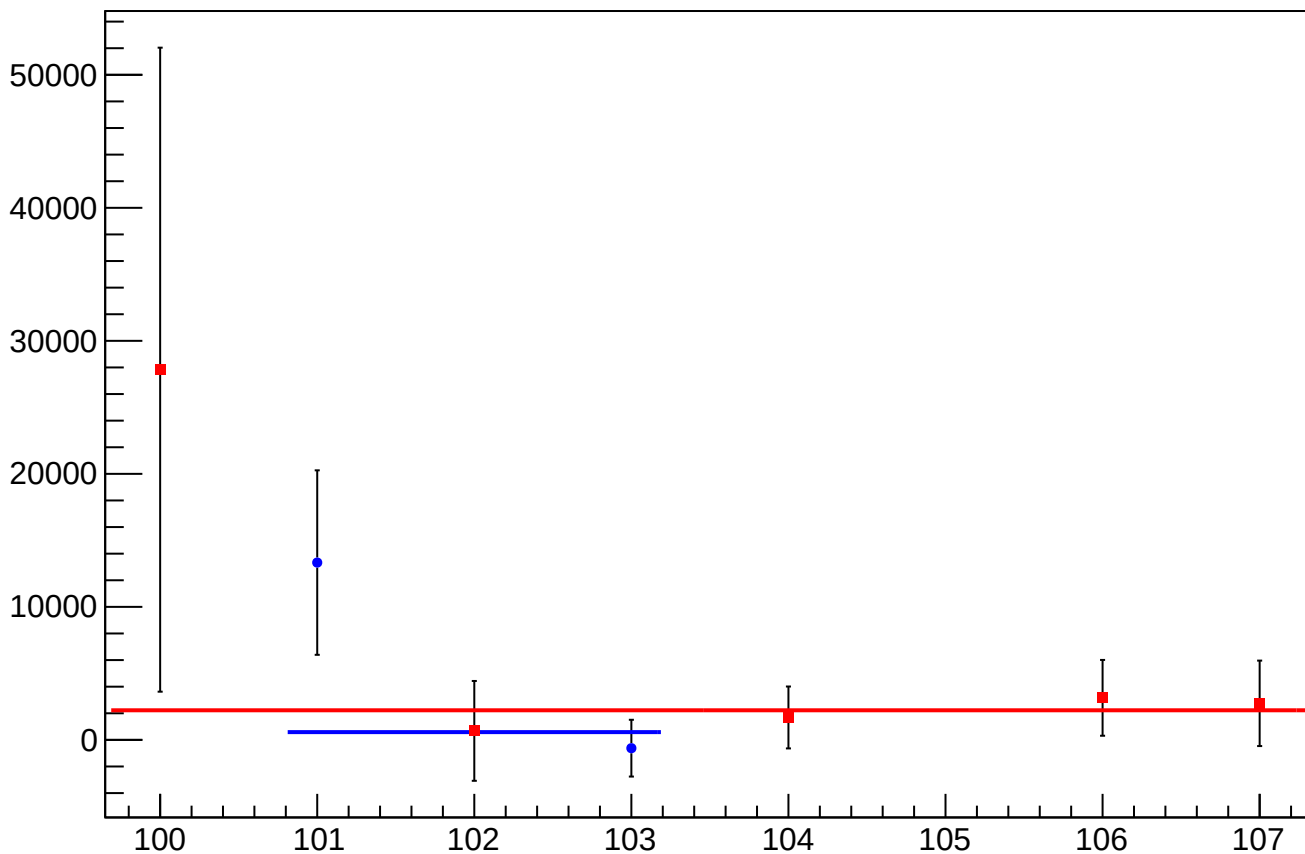
Right: 895.518+/-0.386 χ^2/NDF : 710259.8/6

In: 1276.329+/-0.809 χ^2/NDF : 23502.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 895.518+/-0.386 χ^2/NDF : 710259.8/6

eigen_dit_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 583.885 $\pm$ 2039.967 χ^2 /NDF: 3.7/1

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

Right Out: 2224.877 $\pm$ 1447.192 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

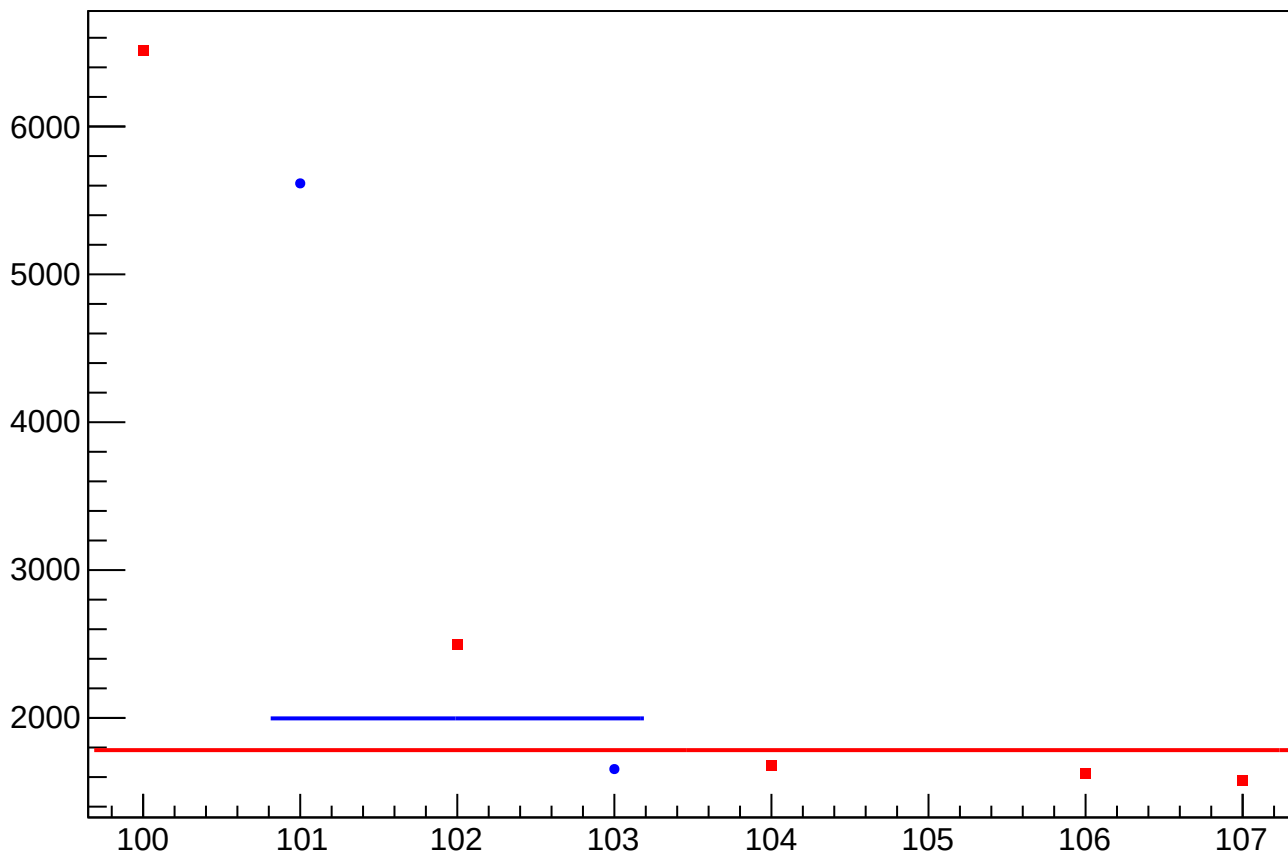
Right: 1675.496 $\pm$ 1180.339 χ^2 /NDF: 5.6/6

In: 583.885 $\pm$ 2039.967 χ^2 /NDF: 3.7/1

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

All: 1675.496 $\pm$ 1180.339 χ^2 /NDF: 5.6/6

eigen_dit_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1996.936+/-1.442 χ^2/NDF : 596037.5/1

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

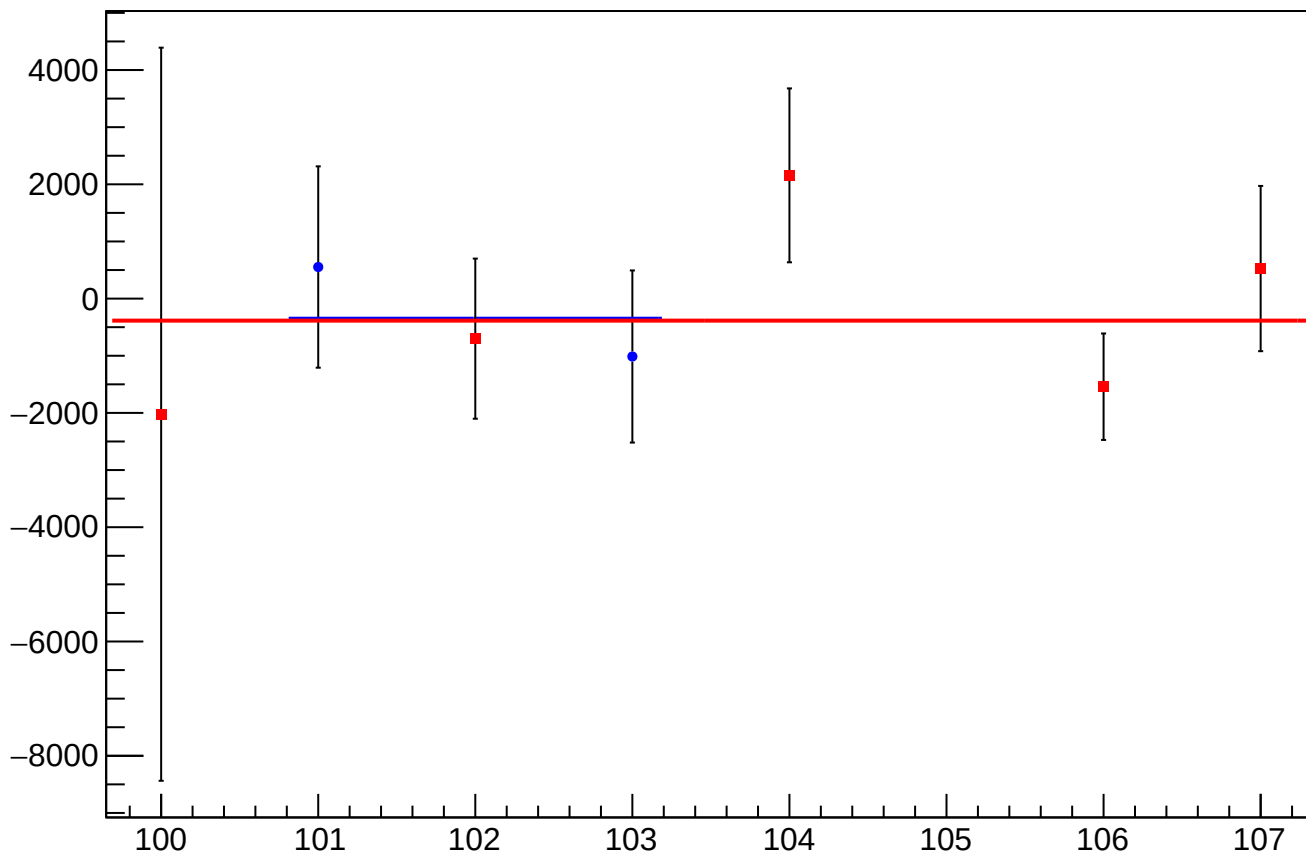
Right: 1854.130+/-0.835 χ^2/NDF : 778048.0/6

In: 1996.936+/-1.442 χ^2/NDF : 596037.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1854.130+/-0.835 χ^2/NDF : 778048.0/6

asym_usr_atr1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -351.957+/-1144.663 χ^2/NDF : 0.5/1

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

Right Out: -385.291+/-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

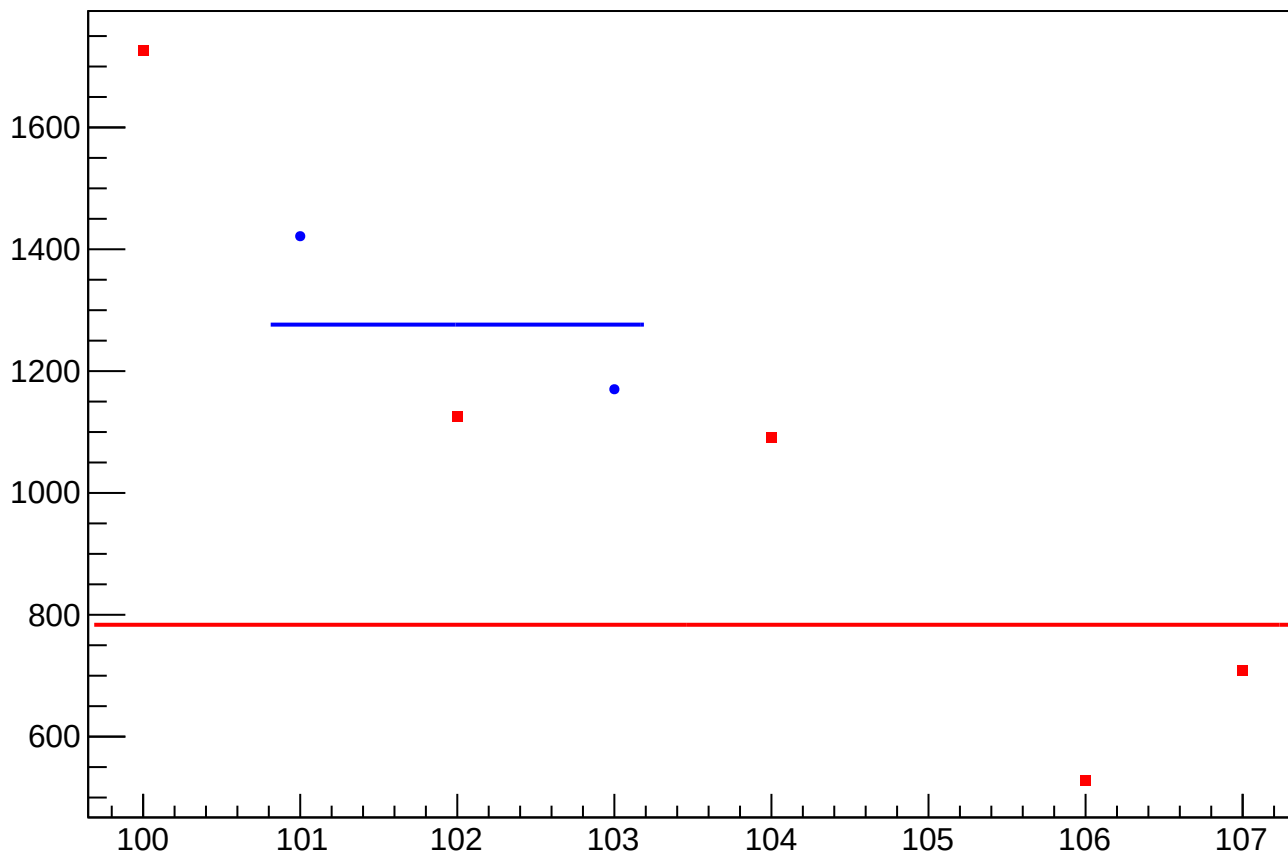
Right: -377.720+/-545.524 χ^2/NDF : 5.3/6

In: -351.957+/-1144.663 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -377.720+/-545.524 χ^2/NDF : 5.3/6

asym_usr_atr1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1276.327+/-0.809 χ^2/NDF : 23502.8/1

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

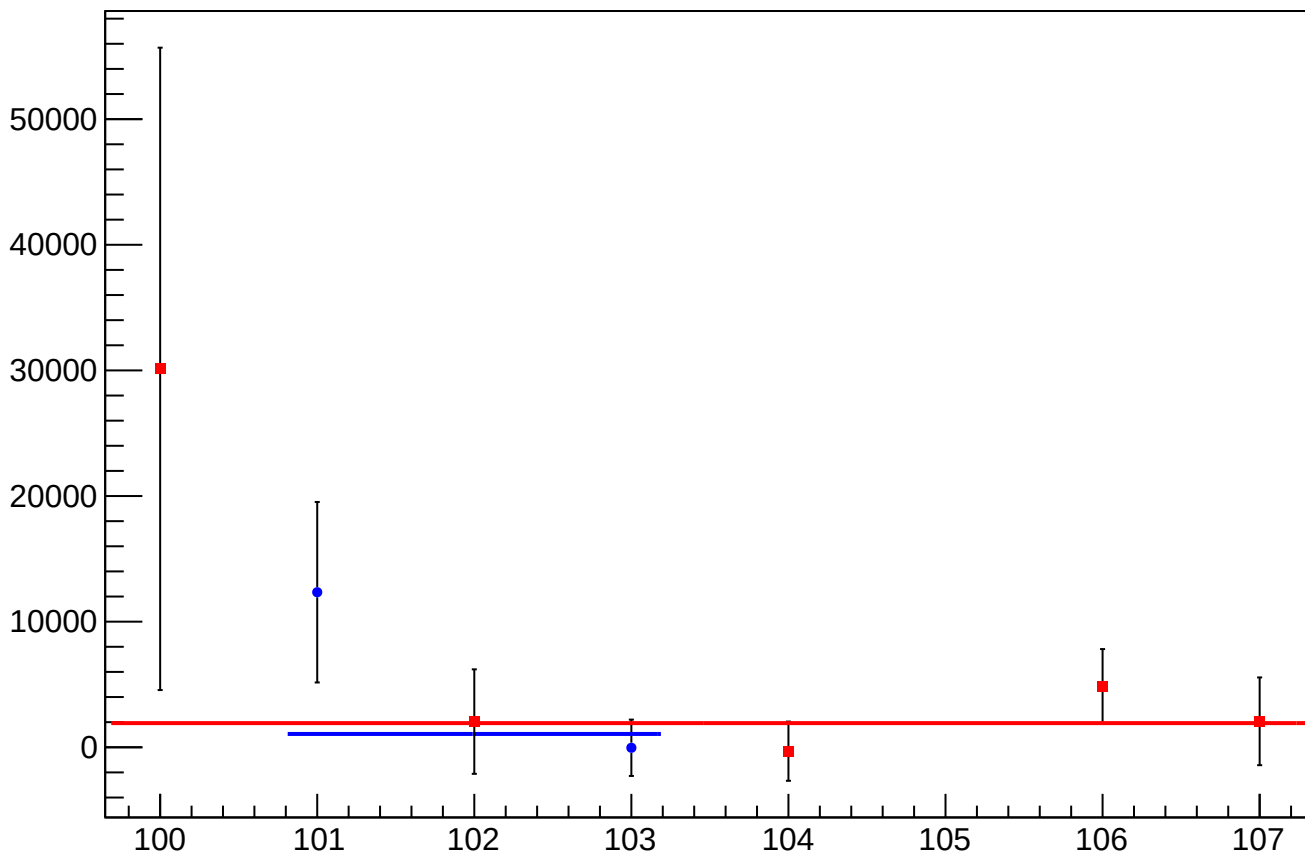
Right: 895.518+/-0.386 χ^2/NDF : 710255.1/6

In: 1276.327+/-0.809 χ^2/NDF : 23502.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 895.518+/-0.386 χ^2/NDF : 710255.1/6

asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 1061.215+/-2141.287 χ^2/NDF : 2.7/1

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

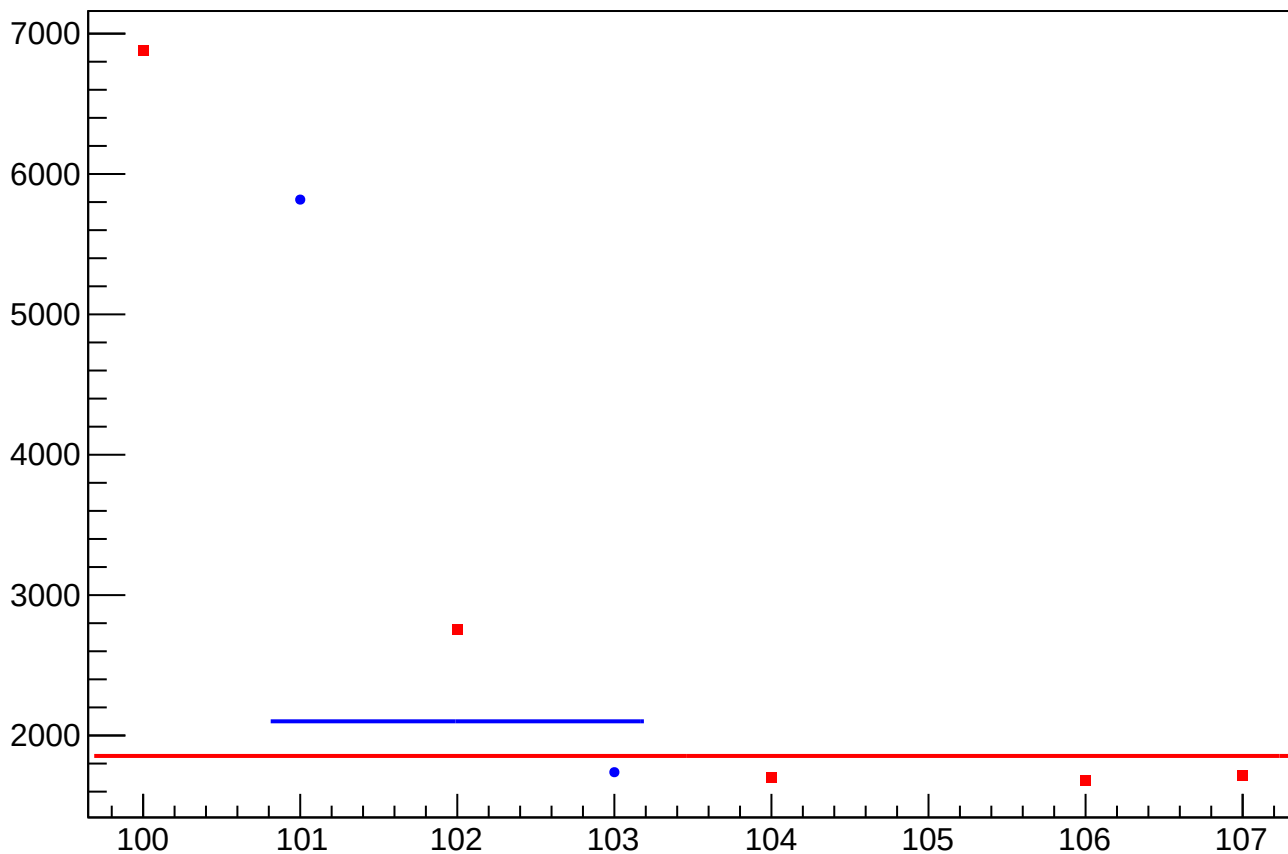
Right: 1636.984+/-1235.658 χ^2/NDF : 5.9/6

In: 1061.215+/-2141.287 χ^2/NDF : 2.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1636.984+/-1235.658 χ^2/NDF : 5.9/6

asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 2100.954+/-1.514 χ^2/NDF : 587550.8/1

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

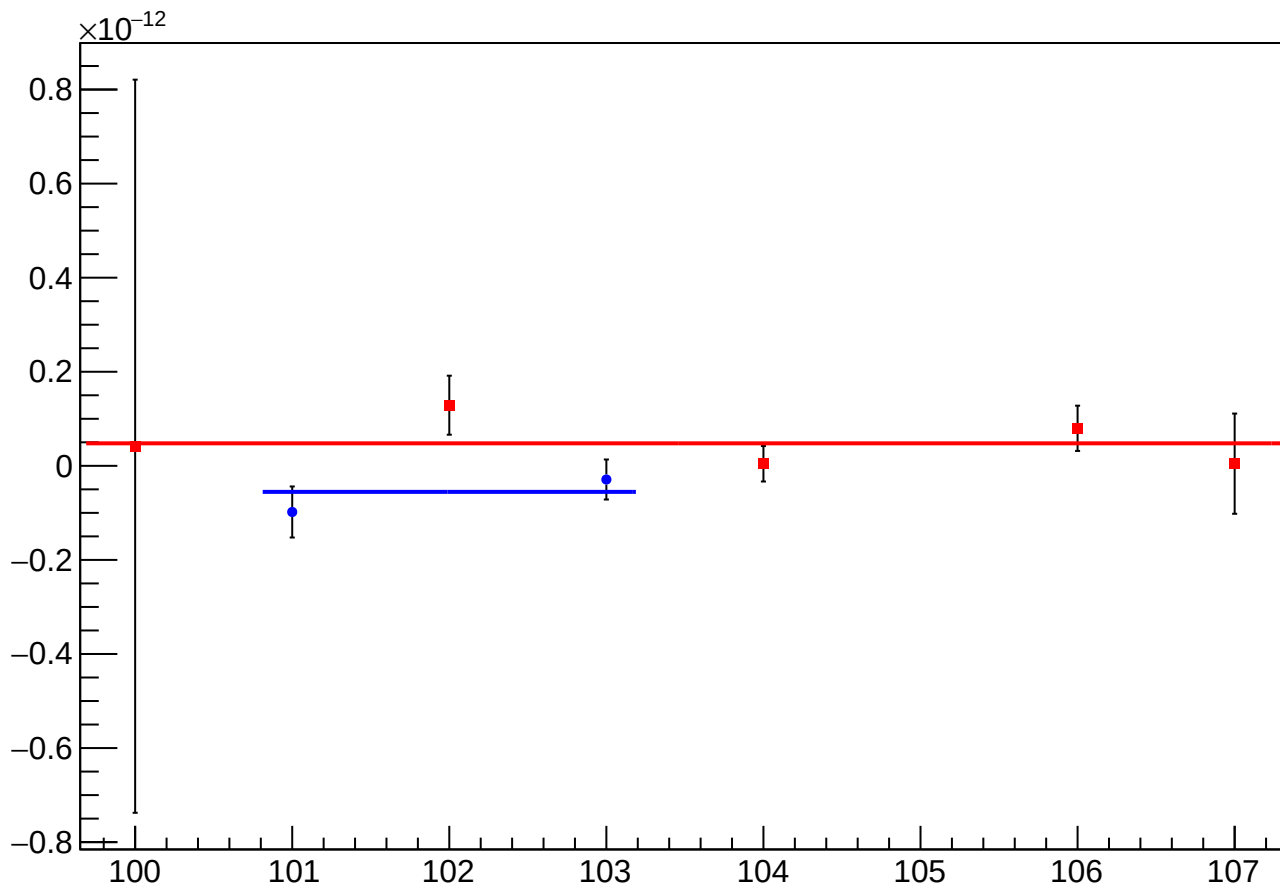
Right: 1936.407+/-0.874 χ^2/NDF : 795737.3/6

In: 2100.954+/-1.514 χ^2/NDF : 587550.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1936.407+/-0.874 χ^2/NDF : 795737.3/6

asym_usr_atr1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 1.0/1

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

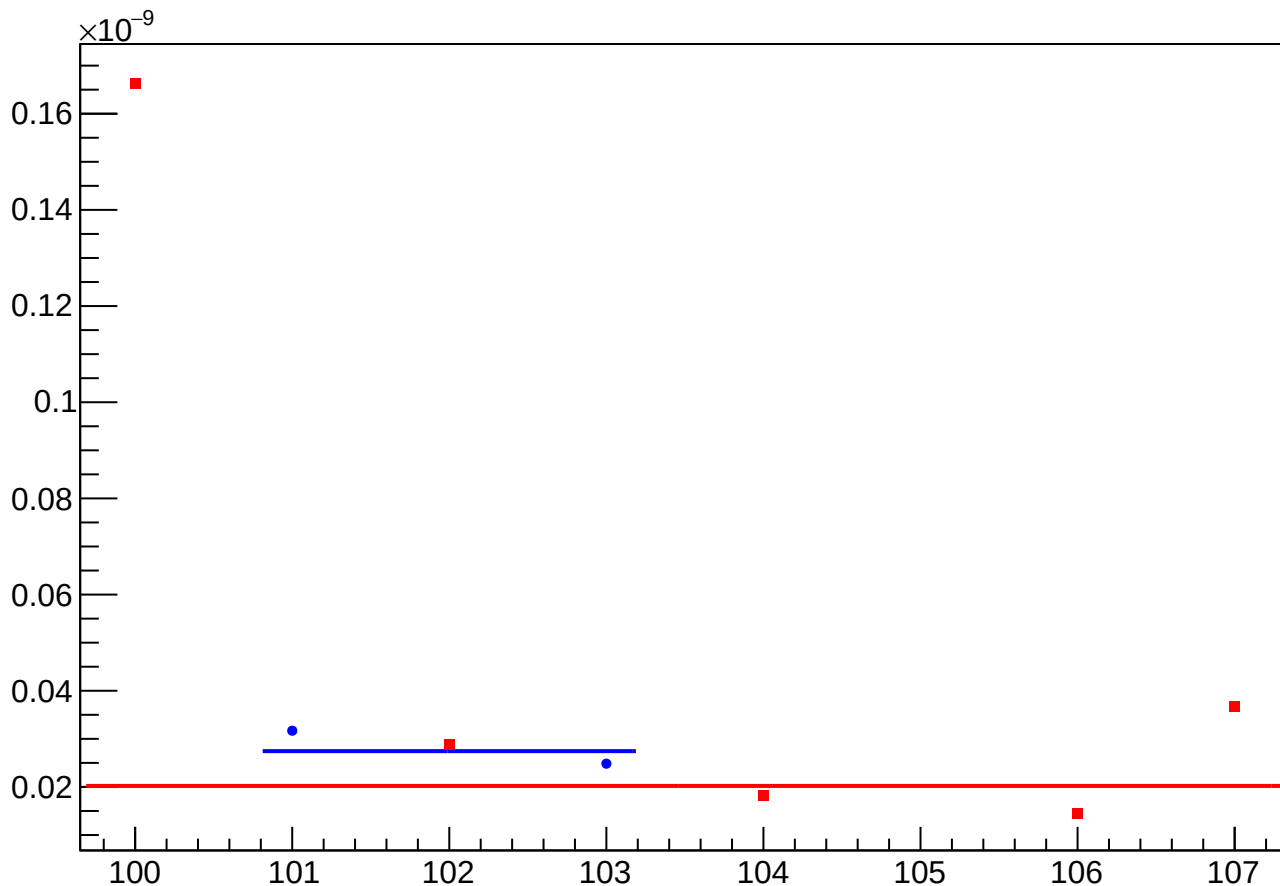
Right: 0.000+/-0.000 χ^2 /NDF: 10.5/6

In: -0.000+/-0.000 χ^2 /NDF: 1.0/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 10.5/6

asym_usr_atr1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 19776.8/1

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

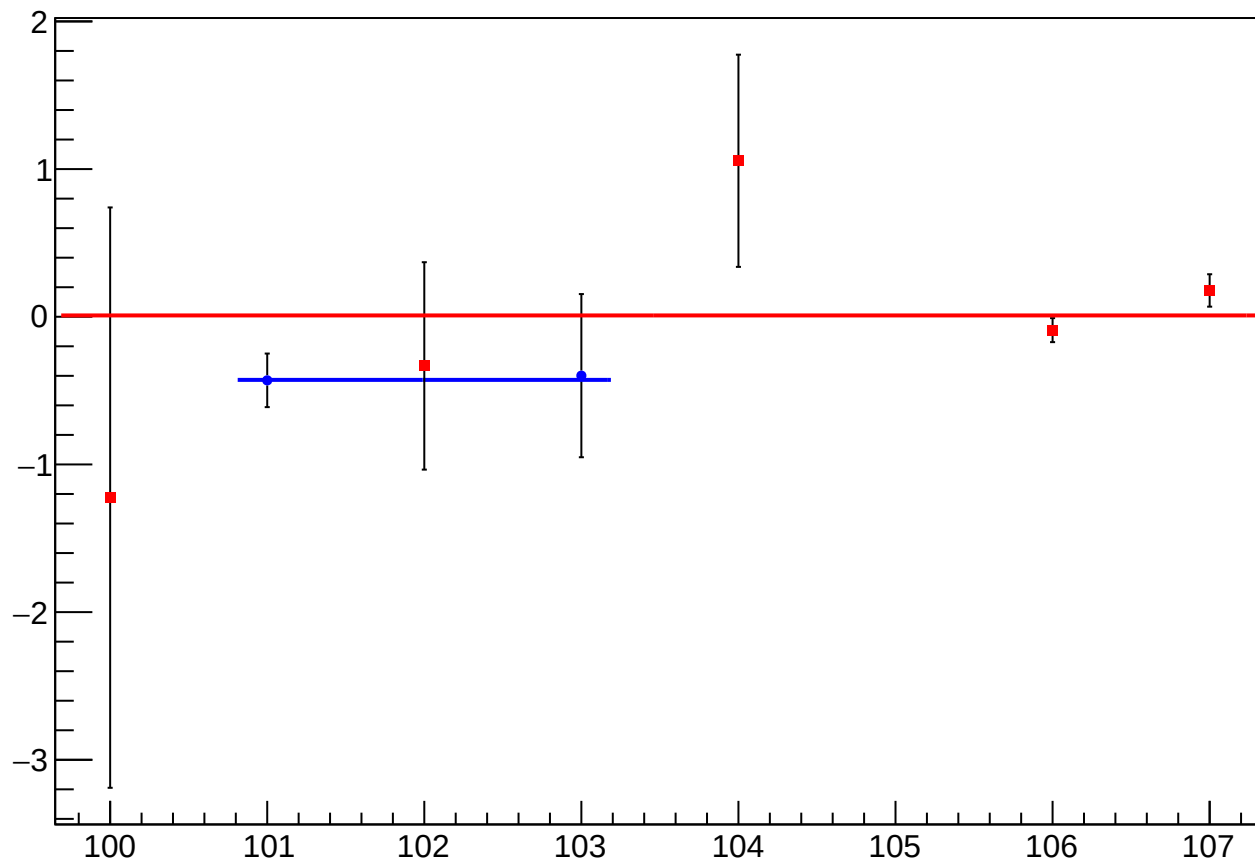
Right: 0.000+/-0.000 χ^2/NDF : 269454.4/6

In: 0.000+/-0.000 χ^2/NDF : 19776.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 269454.4/6

asym_usr_atr1_avg_dit_vs_Slug, Sign Corrected



Right In: -0.427 $\pm$ 0.172 χ^2 /NDF: 0.0/1

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

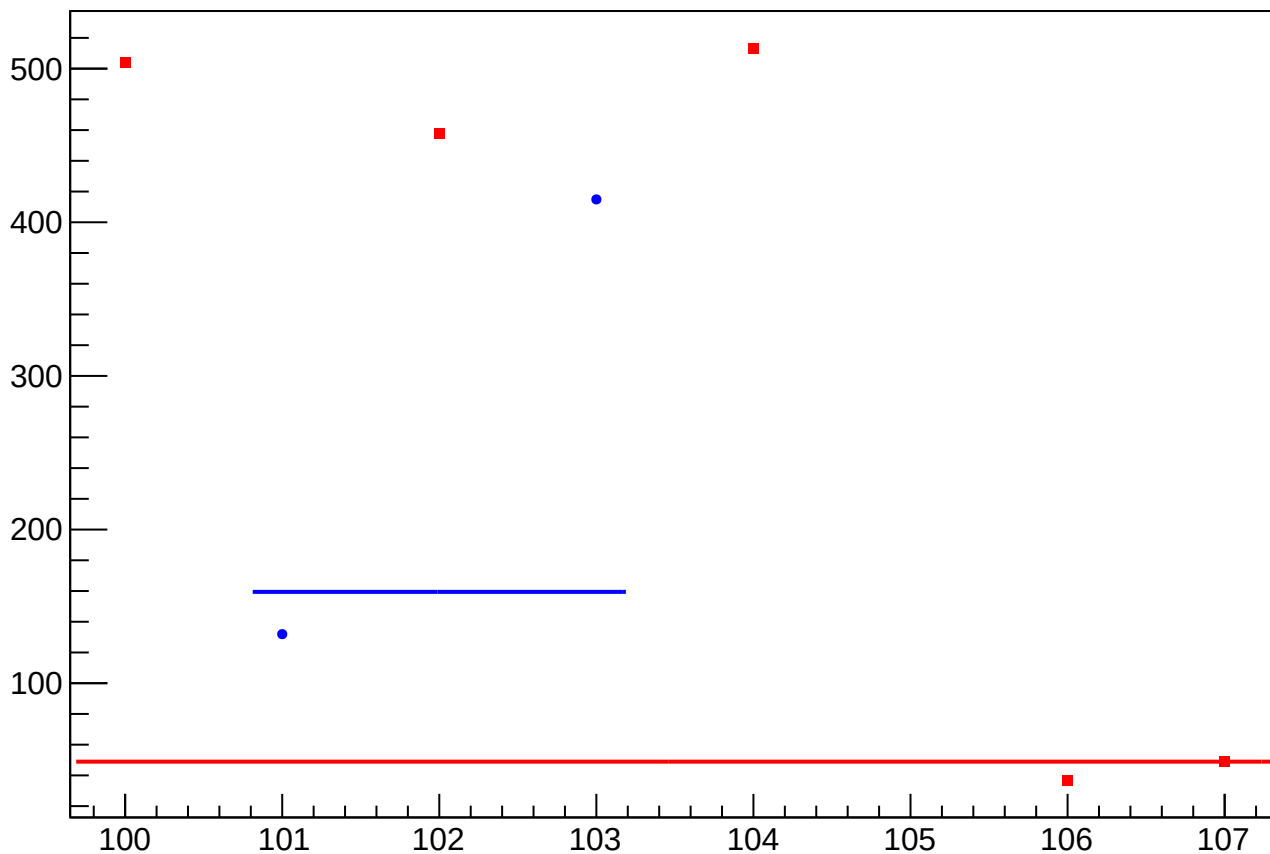
Right: -0.045 $\pm$ 0.061 χ^2 /NDF: 12.3/6

In: -0.427 $\pm$ 0.172 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.045 $\pm$ 0.061 χ^2 /NDF: 12.3/6

asym_usr_atr1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 159.454+/-0.122 χ^2/NDF : 473554.5/1

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

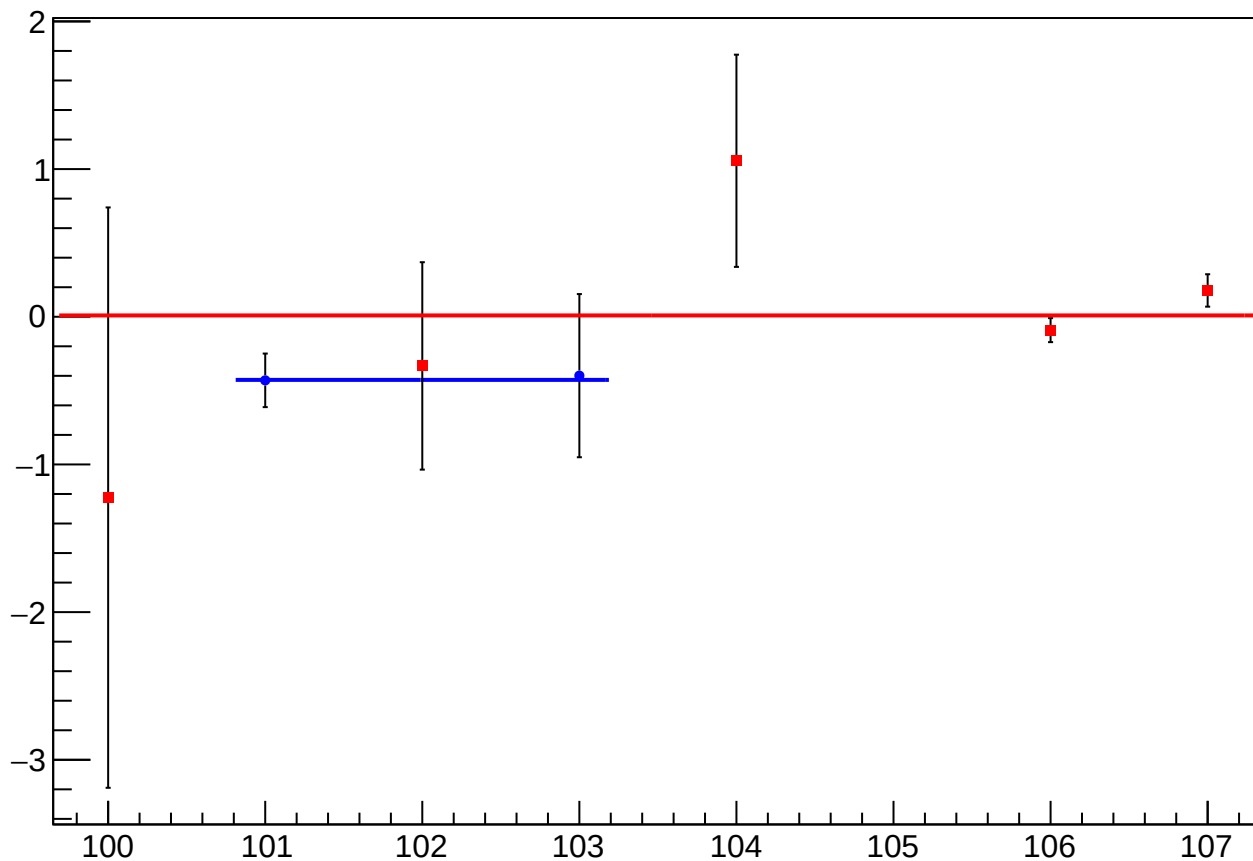
Right: 62.617+/-0.043 χ^2/NDF : 2861164.1/6

In: 159.454+/-0.122 χ^2/NDF :473554.5/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 62.617+/-0.043 χ^2/NDF : 2861164.1/6

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.427 $\pm$ 0.172 χ^2 /NDF: 0.0/1

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

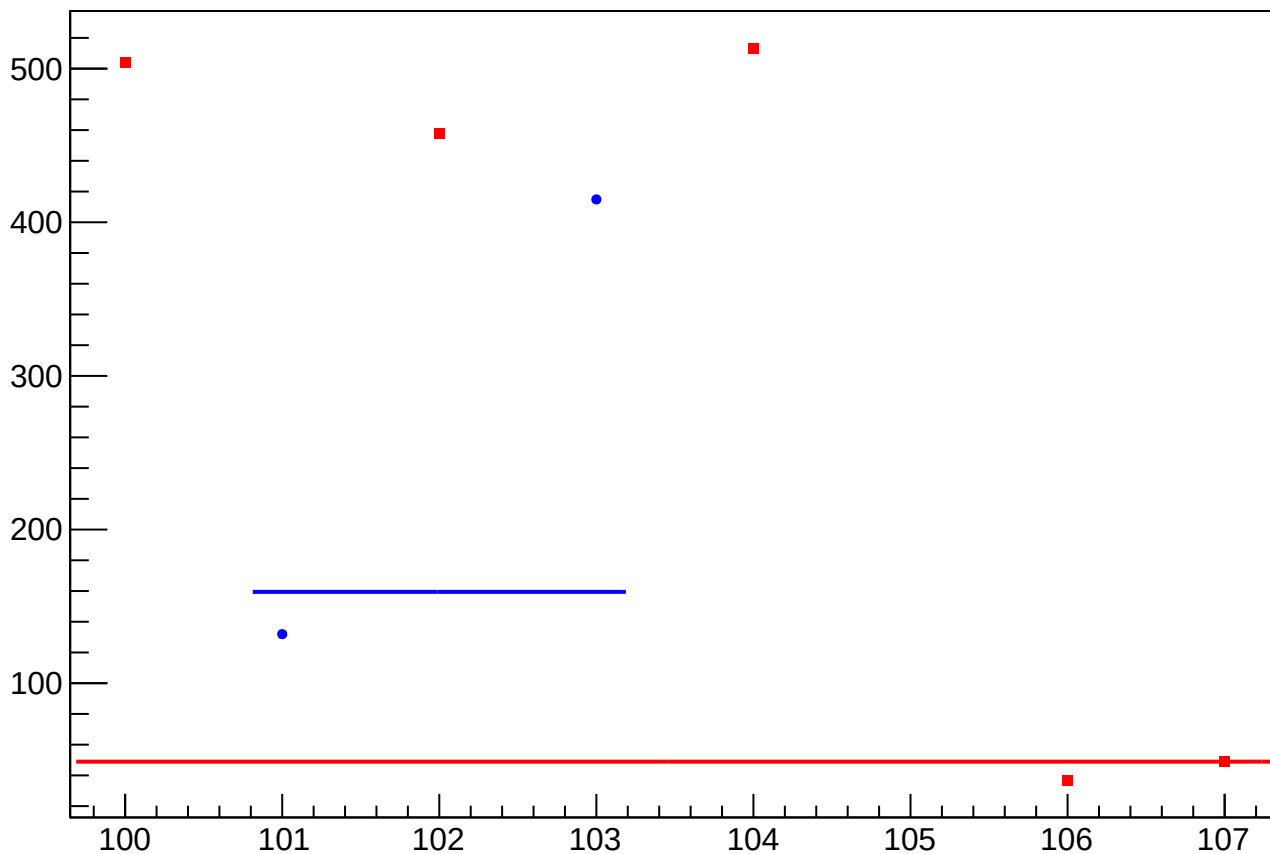
Right: -0.045 $\pm$ 0.061 χ^2 /NDF: 12.3/6

In: -0.427 $\pm$ 0.172 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.045 $\pm$ 0.061 χ^2 /NDF: 12.3/6

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 159.454+/-0.122 χ^2/NDF : 473554.5/1

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

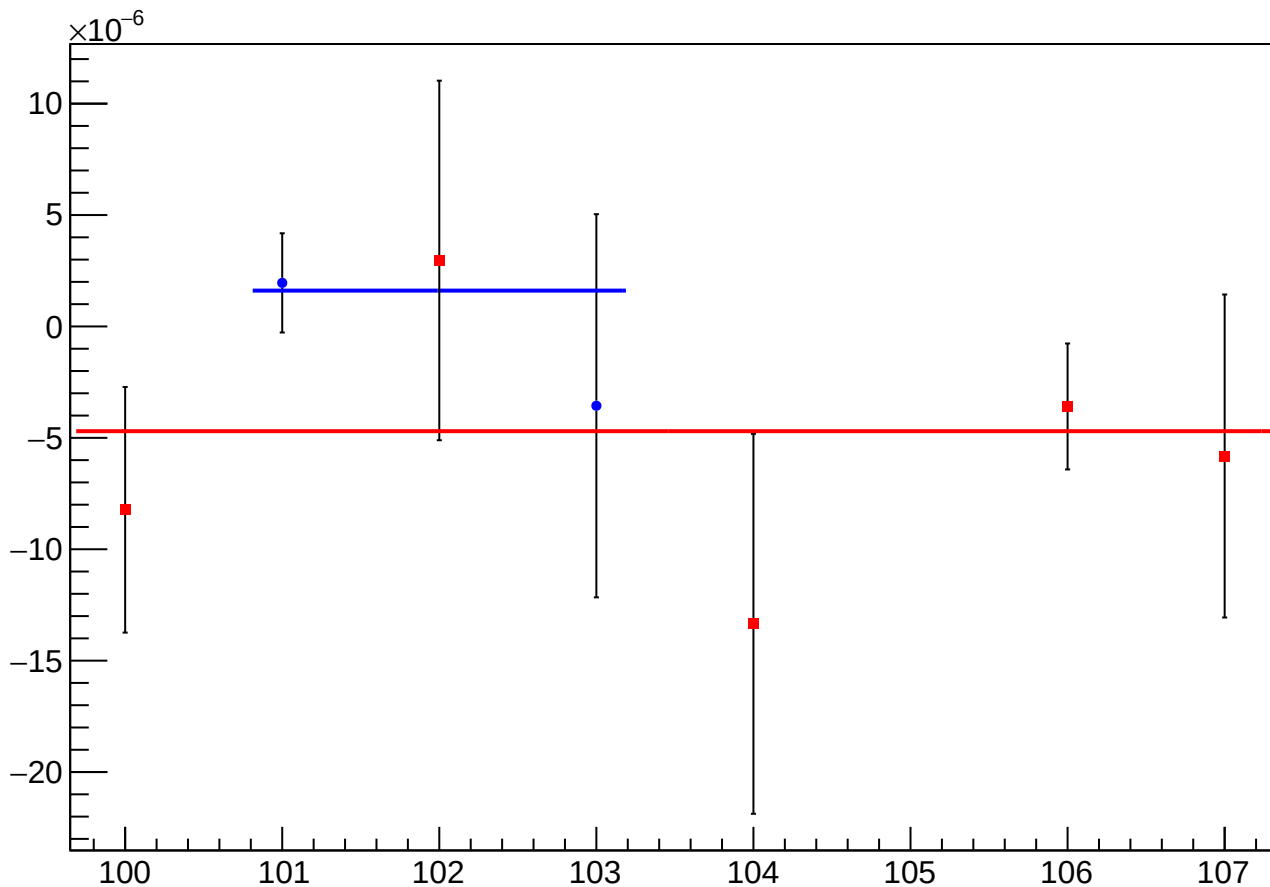
Right: 62.617+/-0.043 χ^2/NDF : 2861164.1/6

In: 159.454+/-0.122 χ^2/NDF : 473554.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.617+/-0.043 χ^2/NDF : 2861164.1/6

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.4/1

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.5/4

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

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

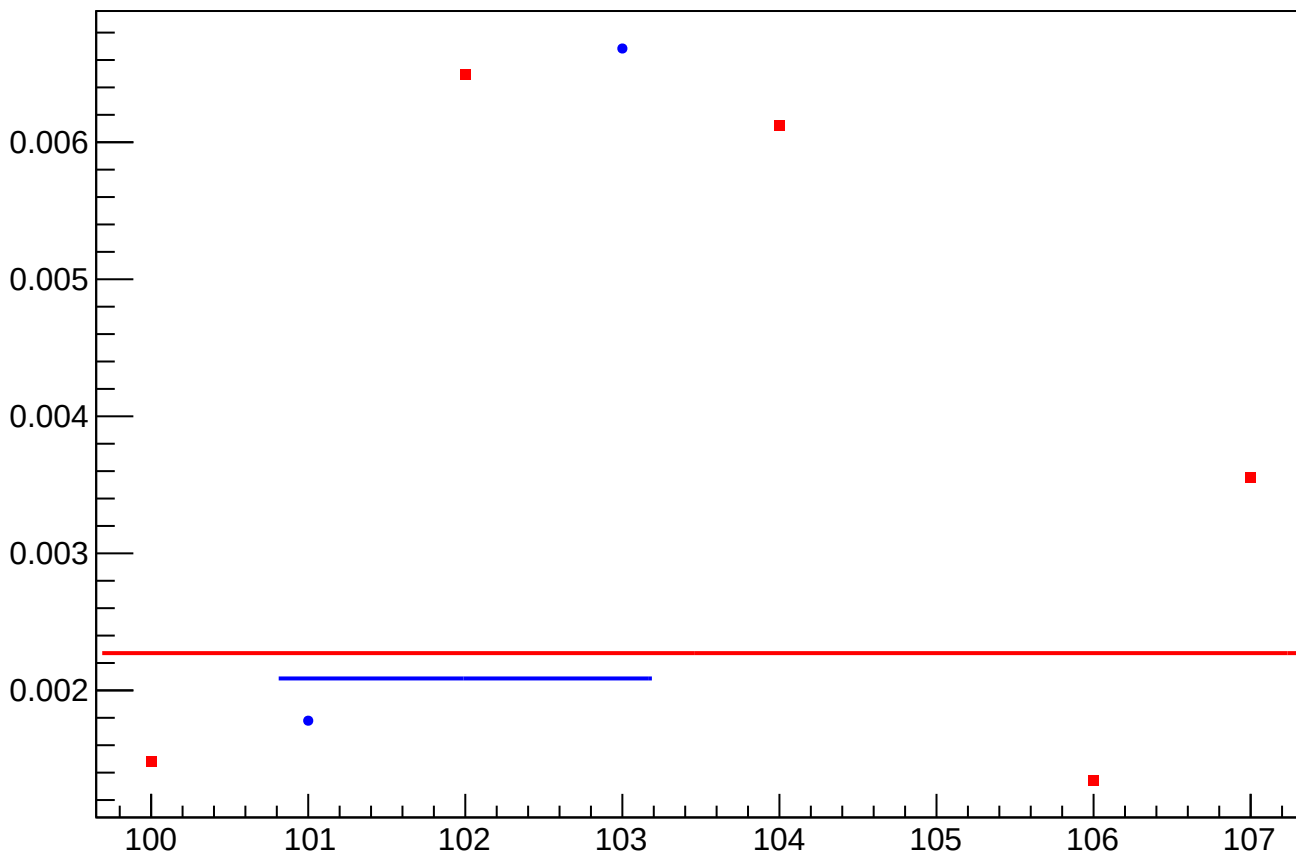
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 7.1/6

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.4/1

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 7.1/6

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 609834.6/1

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

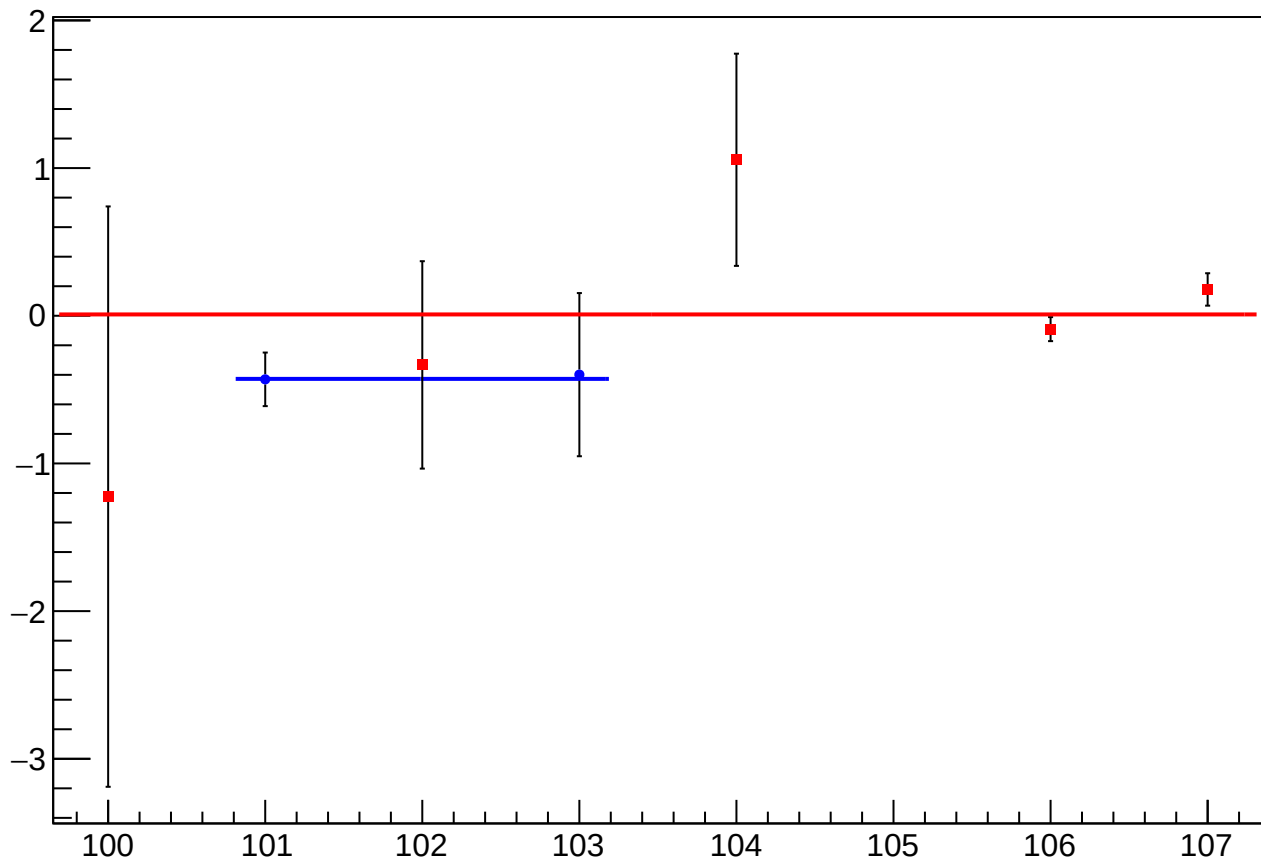
Right: 0.002+/-0.000 χ^2/NDF : 1893325.8/6

In: 0.002+/-0.000 χ^2/NDF : 609834.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1893325.8/6

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.427 $\pm$ 0.172 χ^2 /NDF: 0.0/1

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

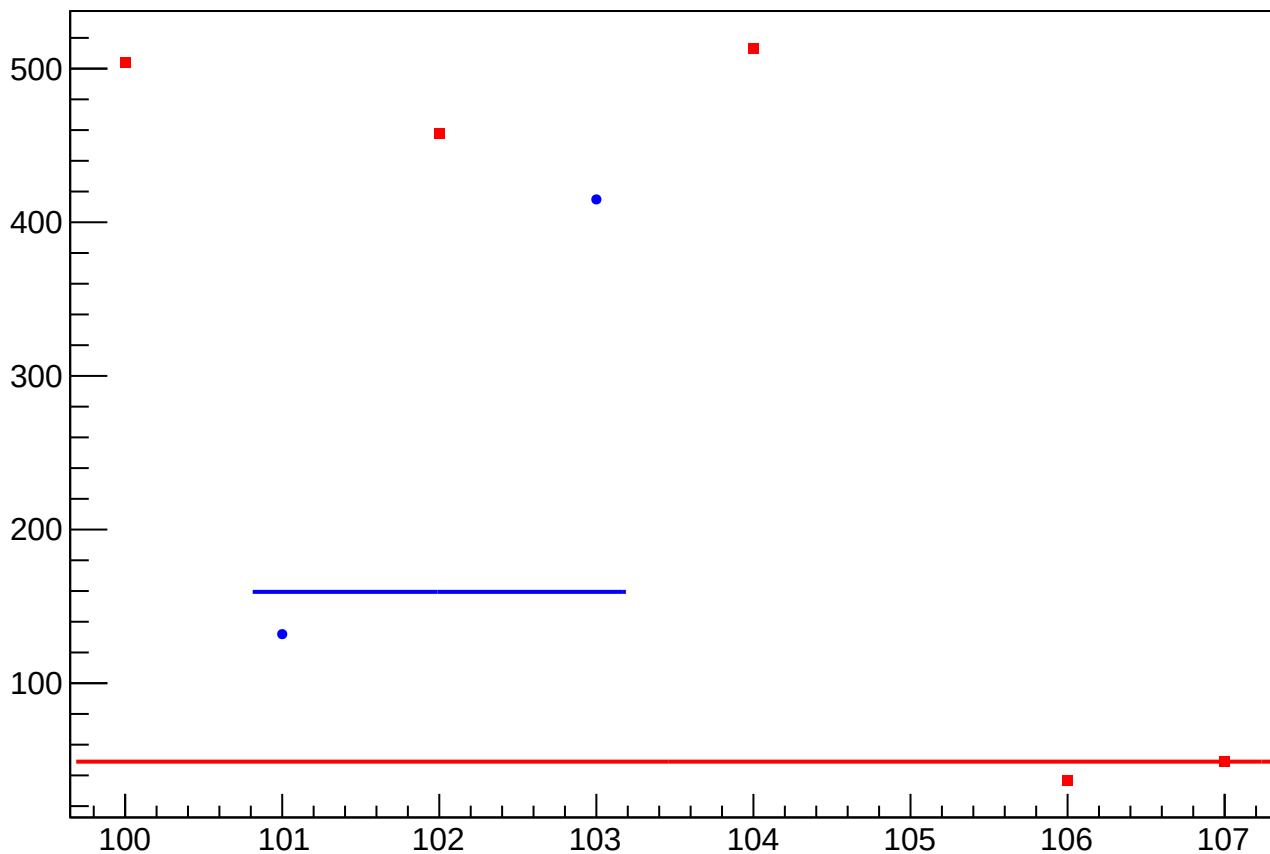
Right: -0.045 $\pm$ 0.061 χ^2 /NDF: 12.3/6

In: -0.427 $\pm$ 0.172 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.045 $\pm$ 0.061 χ^2 /NDF: 12.3/6

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 159.455+/-0.122 χ^2/NDF : 473547.2/1

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

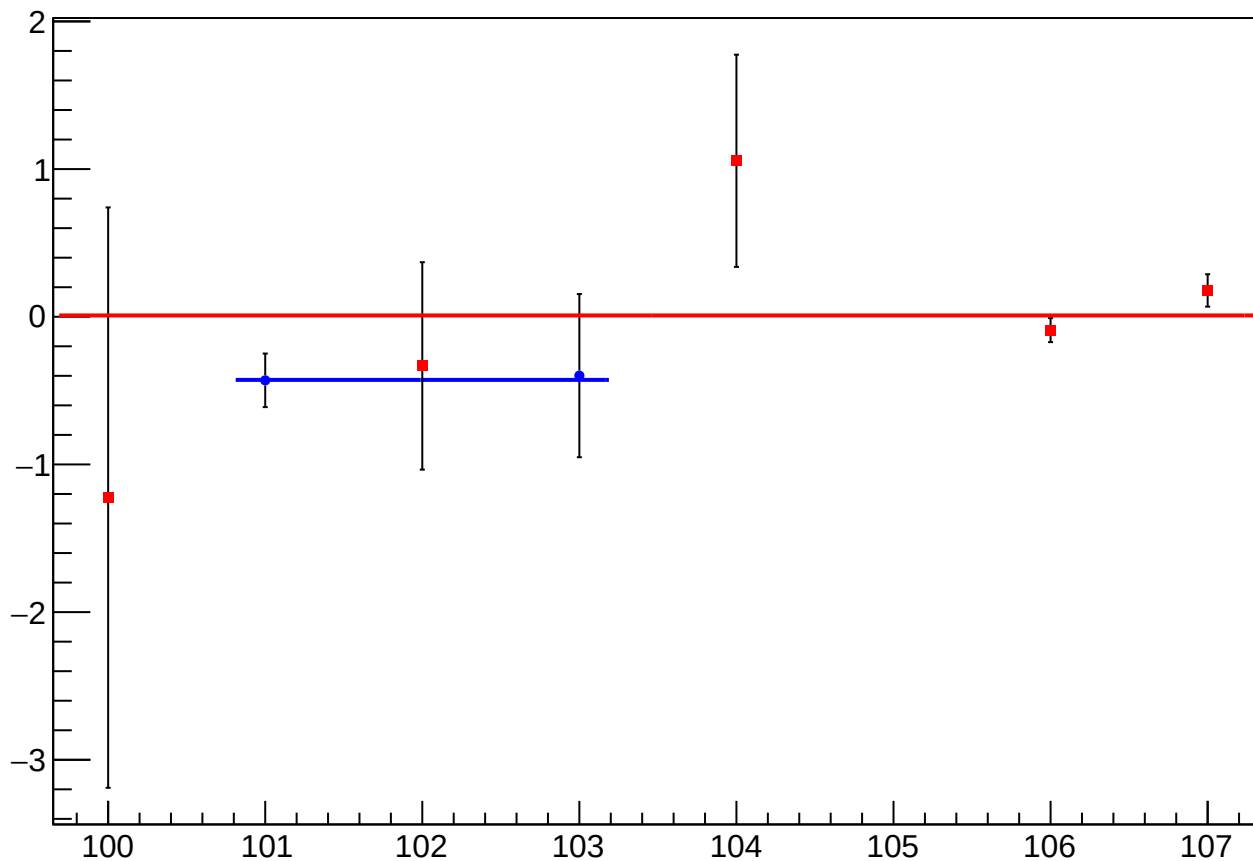
Right: 62.617+/-0.043 χ^2/NDF : 2861161.7/6

In: 159.455+/-0.122 χ^2/NDF :473547.2/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 62.617+/-0.043 χ^2/NDF : 2861161.7/6

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.427 $\pm$ 0.172 χ^2 /NDF: 0.0/1

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

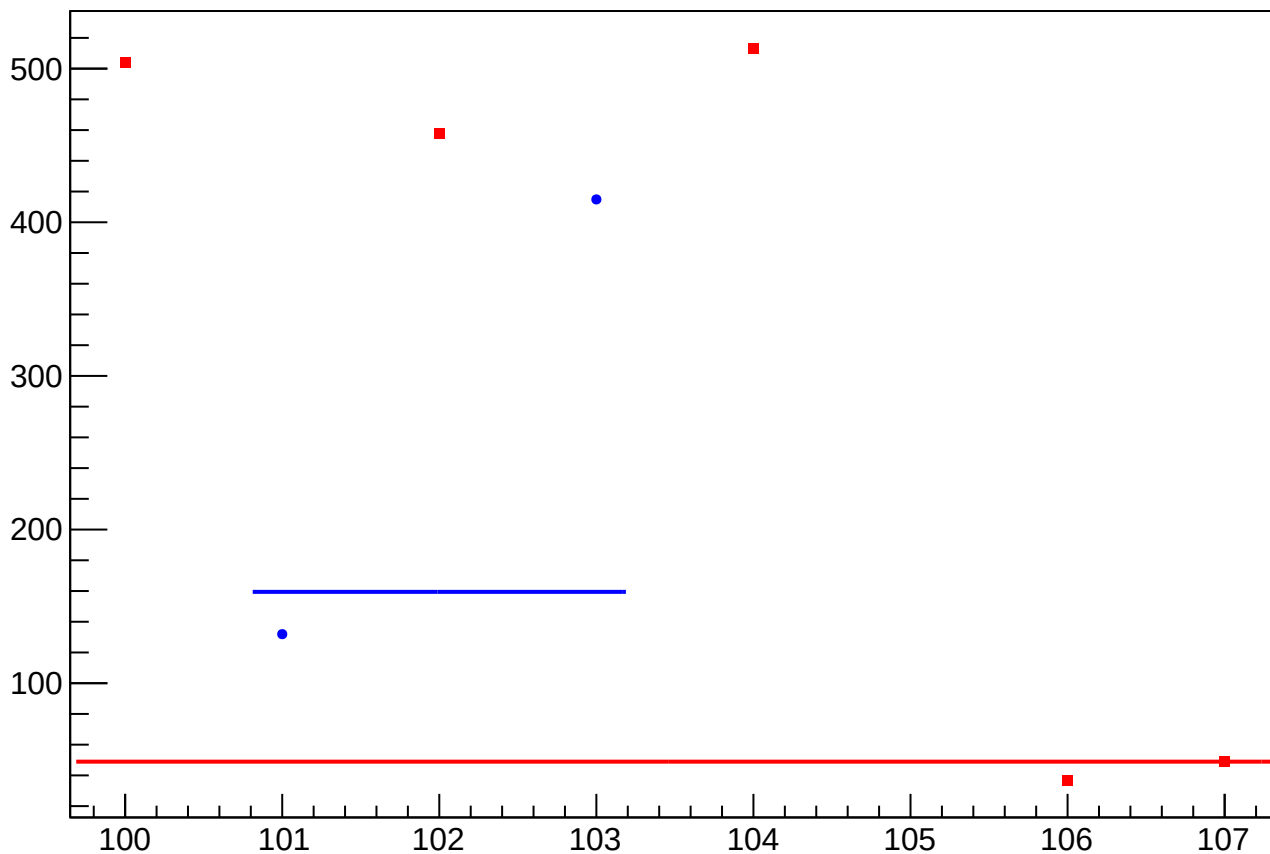
Right: -0.045 $\pm$ 0.061 χ^2 /NDF: 12.3/6

In: -0.427 $\pm$ 0.172 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.045 $\pm$ 0.061 χ^2 /NDF: 12.3/6

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 159.455+/-0.122 χ^2/NDF : 473547.2/1

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

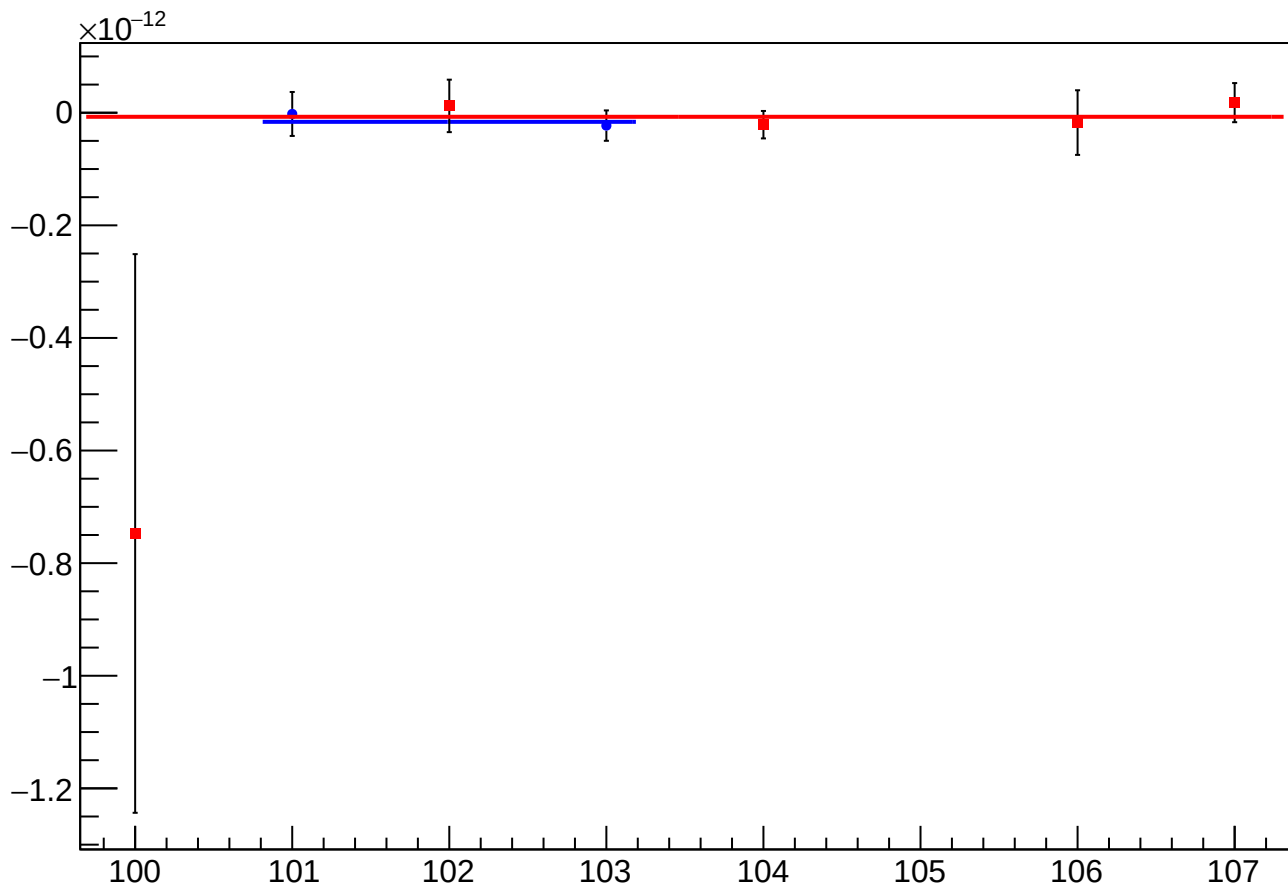
Right: 62.617+/-0.043 χ^2/NDF : 2861161.7/6

In: 159.455+/-0.122 χ^2/NDF : 473547.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.617+/-0.043 χ^2/NDF : 2861161.7/6

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 0.2/1

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

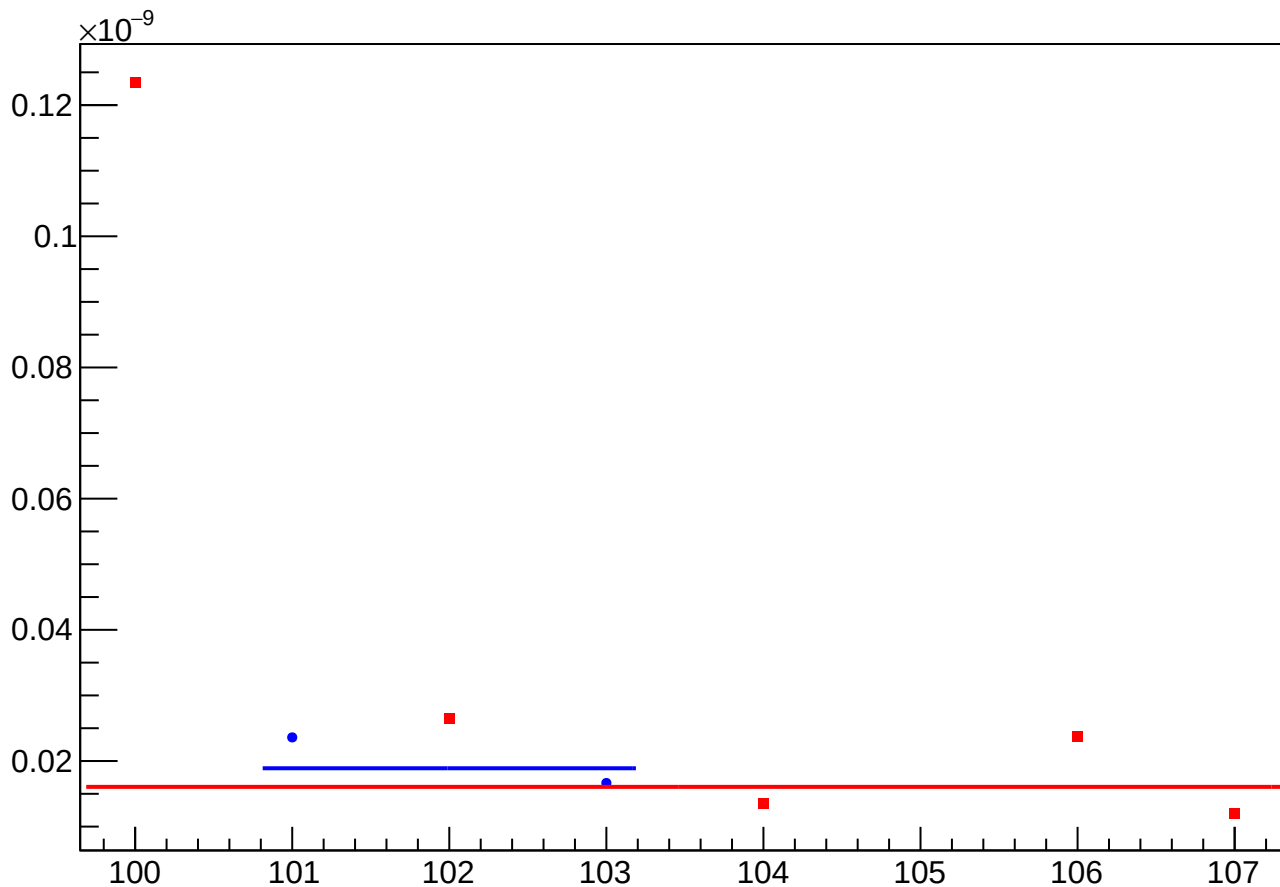
Right: -0.000 ± 0.000 χ^2/NDF : 3.6/6

In: -0.000 ± 0.000 χ^2/NDF : 0.2/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 3.6/6

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 42967.8/1

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 278163.6/4

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

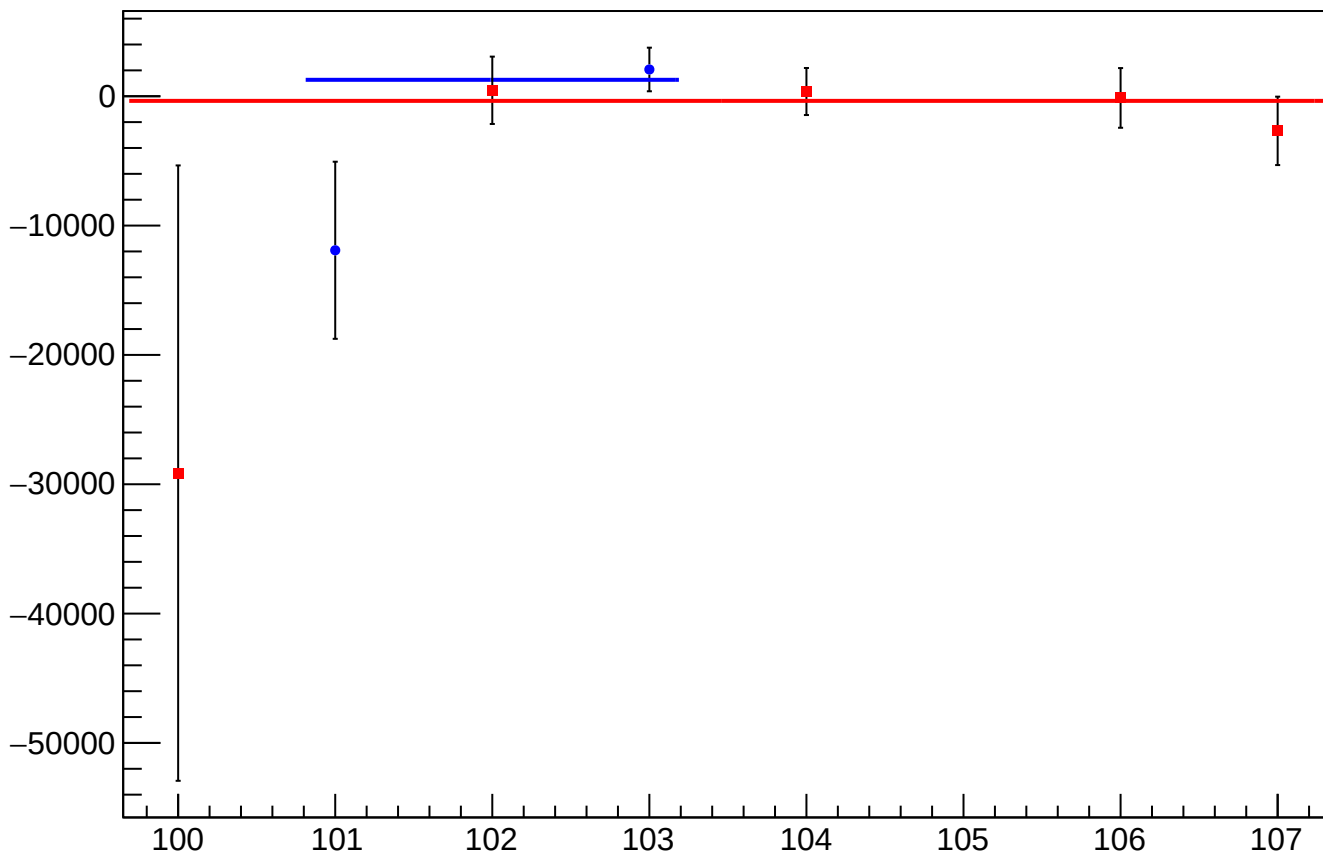
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 341286.4/6

In: 0.000 $\pm$ 0.000 χ^2 /NDF:42967.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 341286.4/6

reg_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1270.312+/-1637.078 χ^2 /NDF: 3.9/1

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

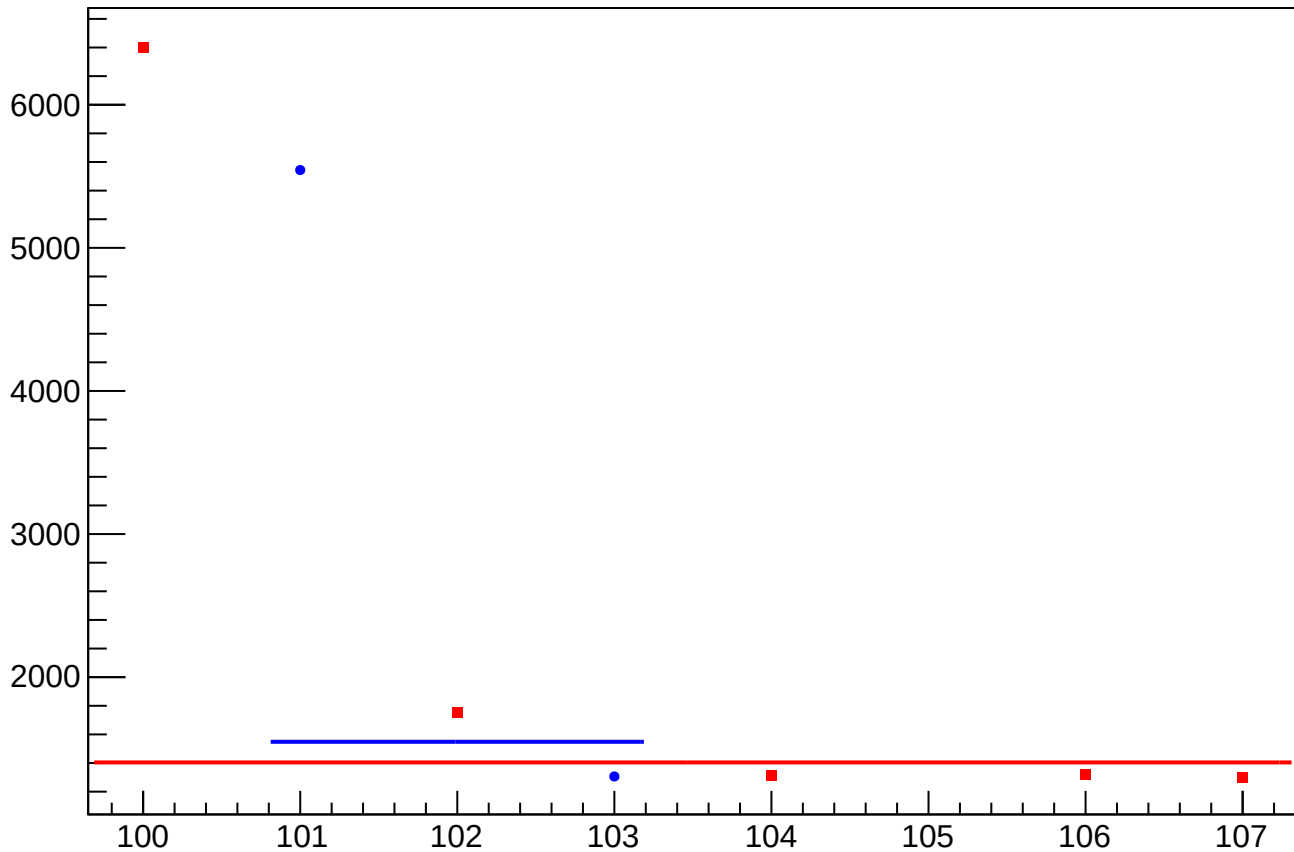
Right: 167.734+/-930.303 χ^2 /NDF: 7.1/6

In: 1270.312+/-1637.078 χ^2 /NDF:3.9/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 167.734+/-930.303 χ^2 /NDF: 7.1/6

reg_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1548.413+/-1.158 χ^2/NDF : 722288.2/1

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

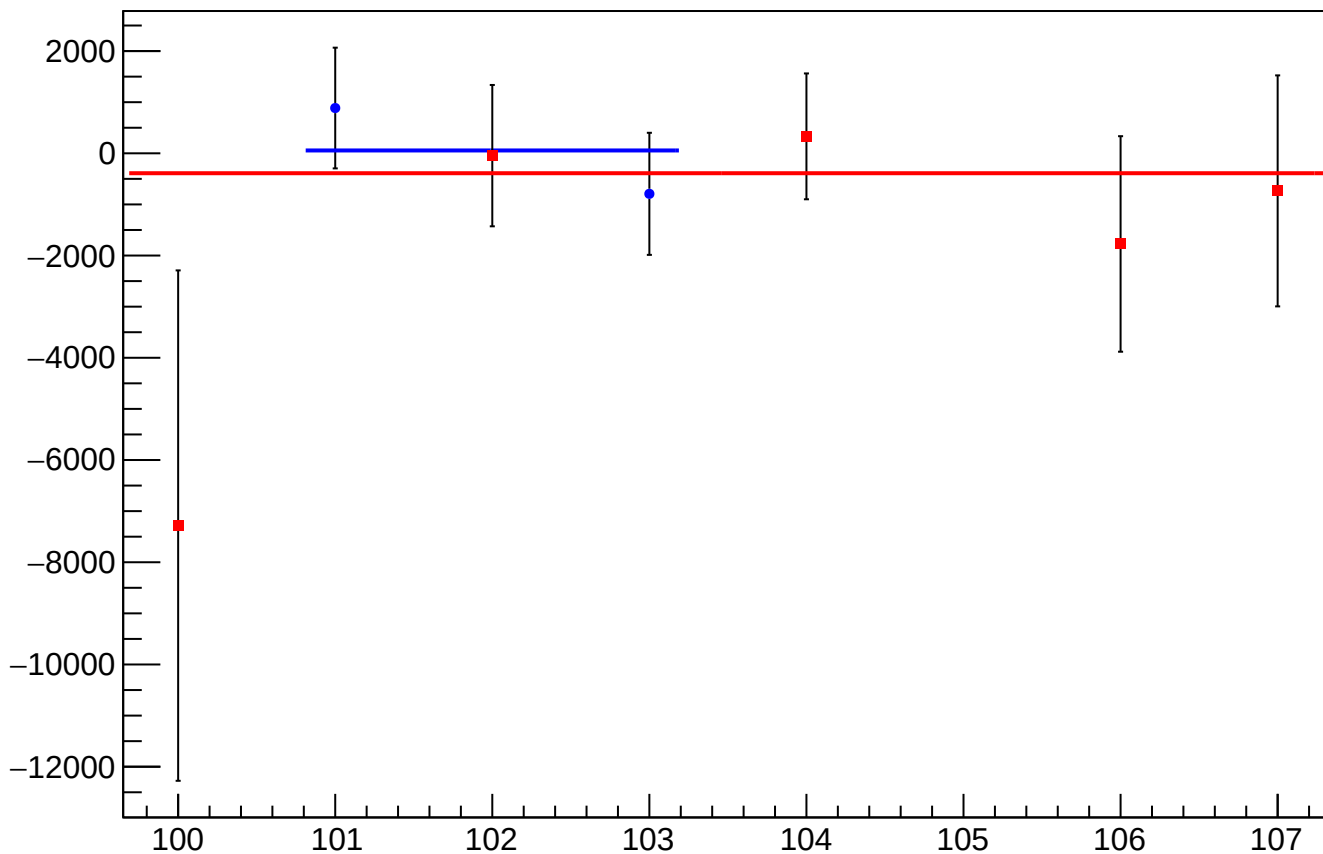
Right: 1450.789+/-0.658 χ^2/NDF : 867685.6/6

In: 1548.413+/-1.158 χ^2/NDF : 722288.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1450.789+/-0.658 χ^2/NDF : 867685.6/6

asym_usr_atr1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 55.797+/-839.645 χ^2/NDF : 1.0/1

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

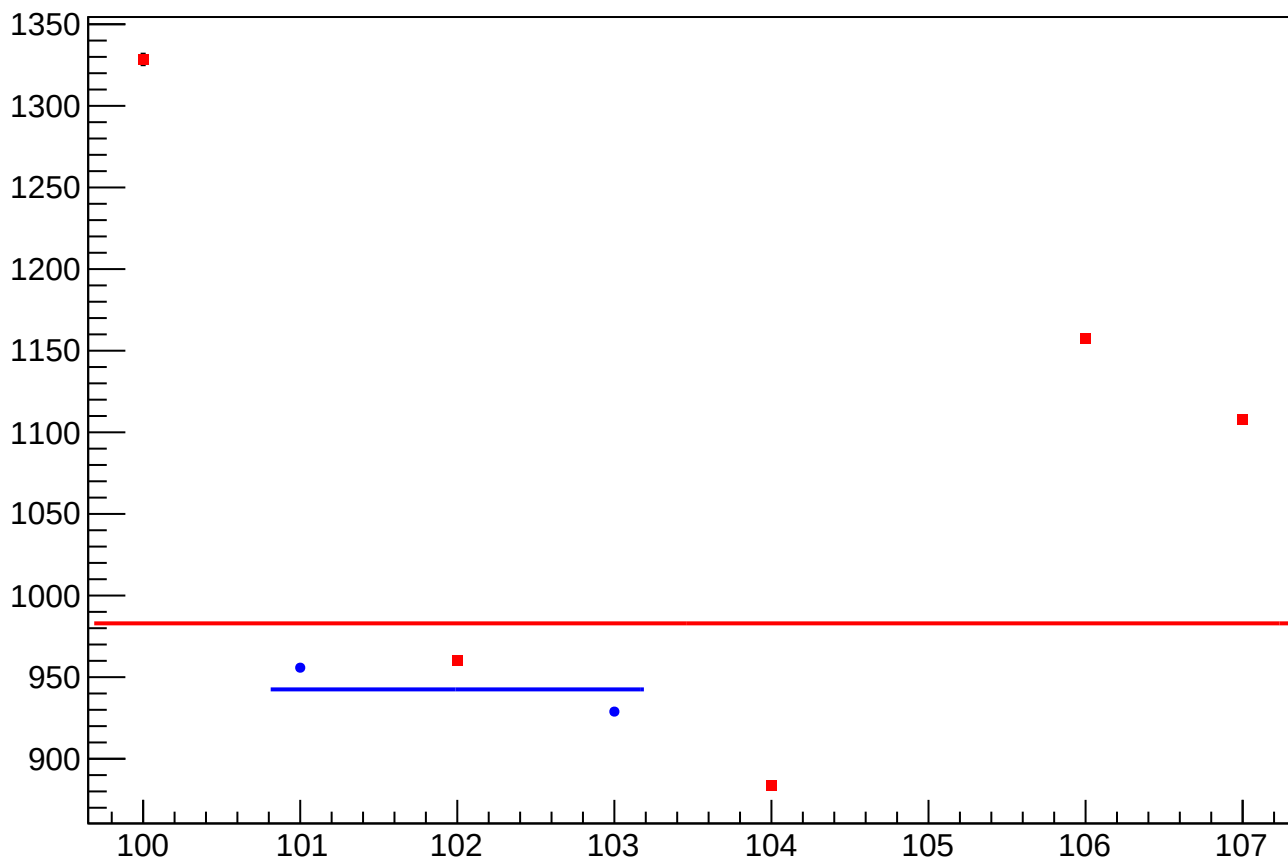
Right: -183.239+/-571.430 χ^2/NDF : 3.9/6

In: 55.797+/-839.645 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -183.239+/-571.430 χ^2/NDF : 3.9/6

asym_usr_atr1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 942.506+/-0.594 χ^2/NDF : 513.3/1

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

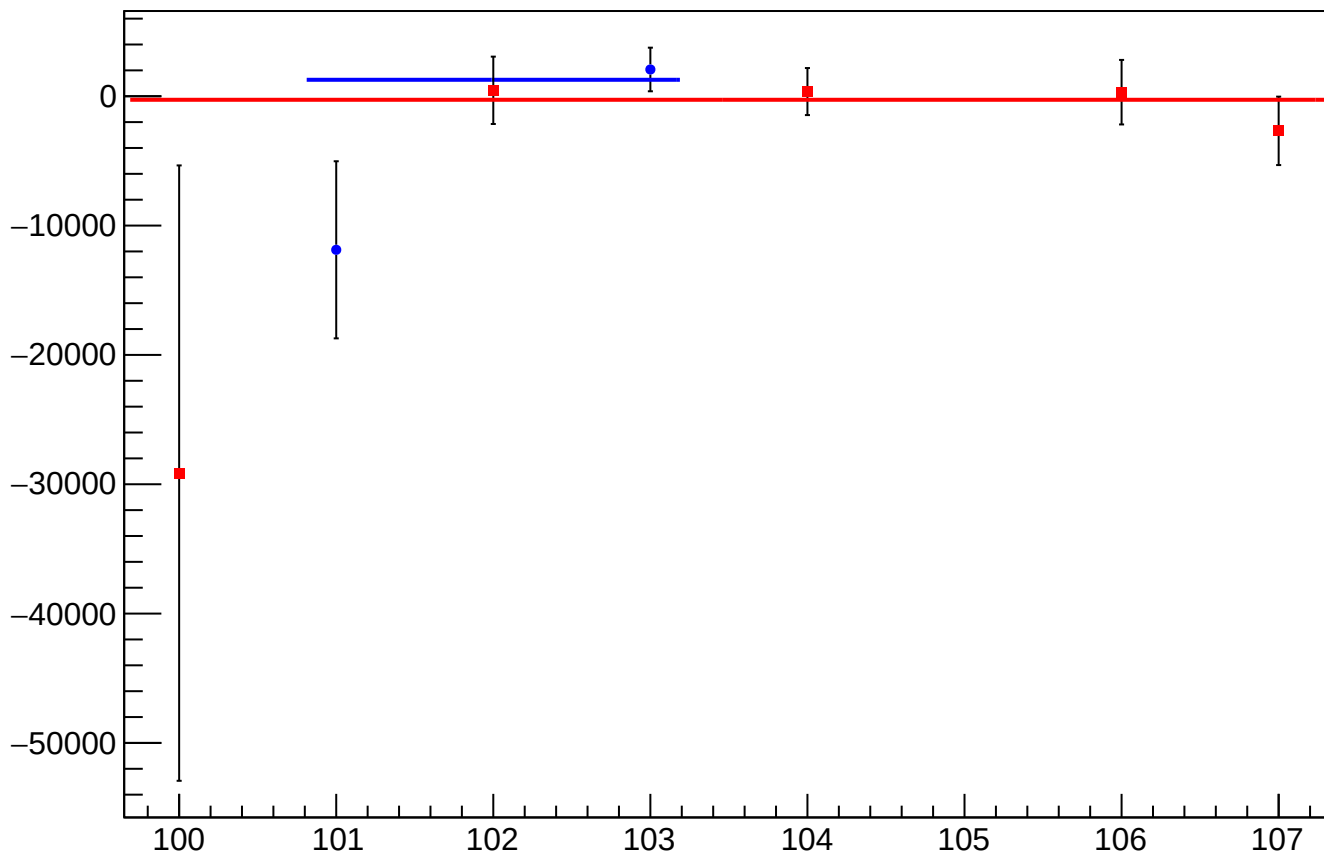
Right: 964.225+/-0.404 χ^2/NDF : 45934.7/6

In: 942.506+/-0.594 χ^2/NDF : 513.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 964.225+/-0.404 χ^2/NDF : 45934.7/6

cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1272.062+/-1637.081 χ^2 /NDF: 3.9/1

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

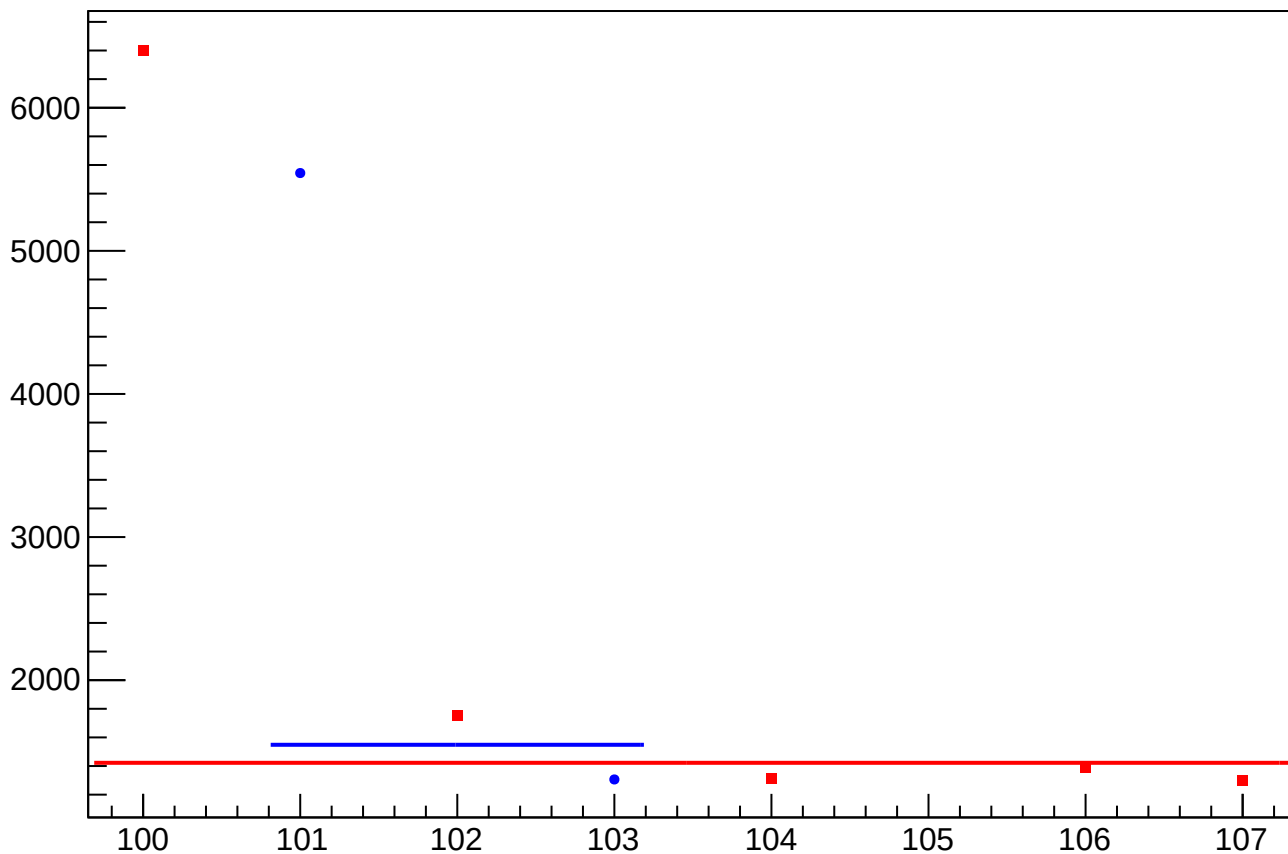
Right: 237.318+/-941.391 χ^2 /NDF: 7.1/6

In: 1272.062+/-1637.081 χ^2 /NDF:3.9/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 237.318+/-941.391 χ^2 /NDF: 7.1/6

cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1548.413+/-1.158 χ^2/NDF : 722287.3/1

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

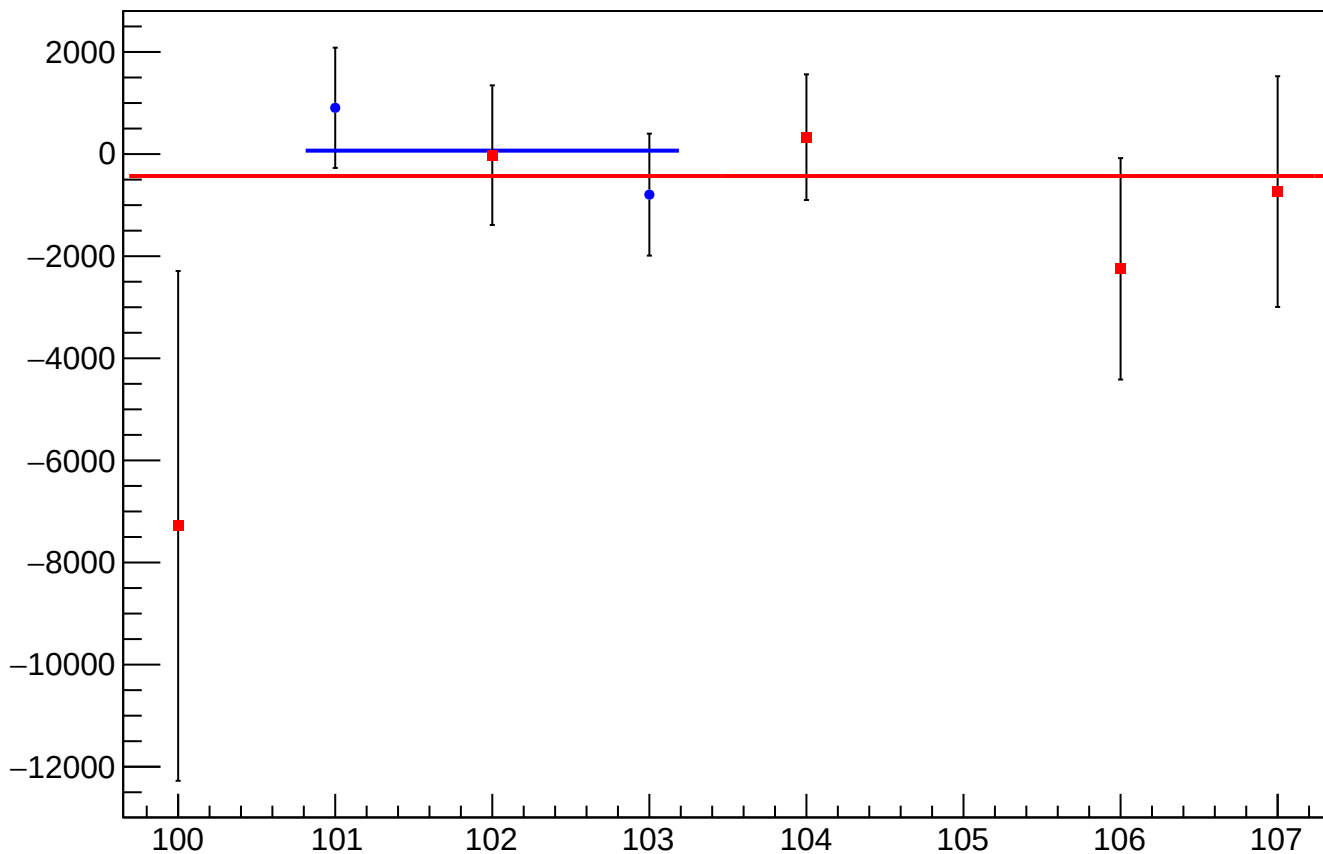
Right: 1464.132+/-0.666 χ^2/NDF : 861849.5/6

In: 1548.413+/-1.158 χ^2/NDF : 722287.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1464.132+/-0.666 χ^2/NDF : 861849.5/6

asym_usr_atr1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 67.465+/-838.780 χ^2/NDF : 1.0/1

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

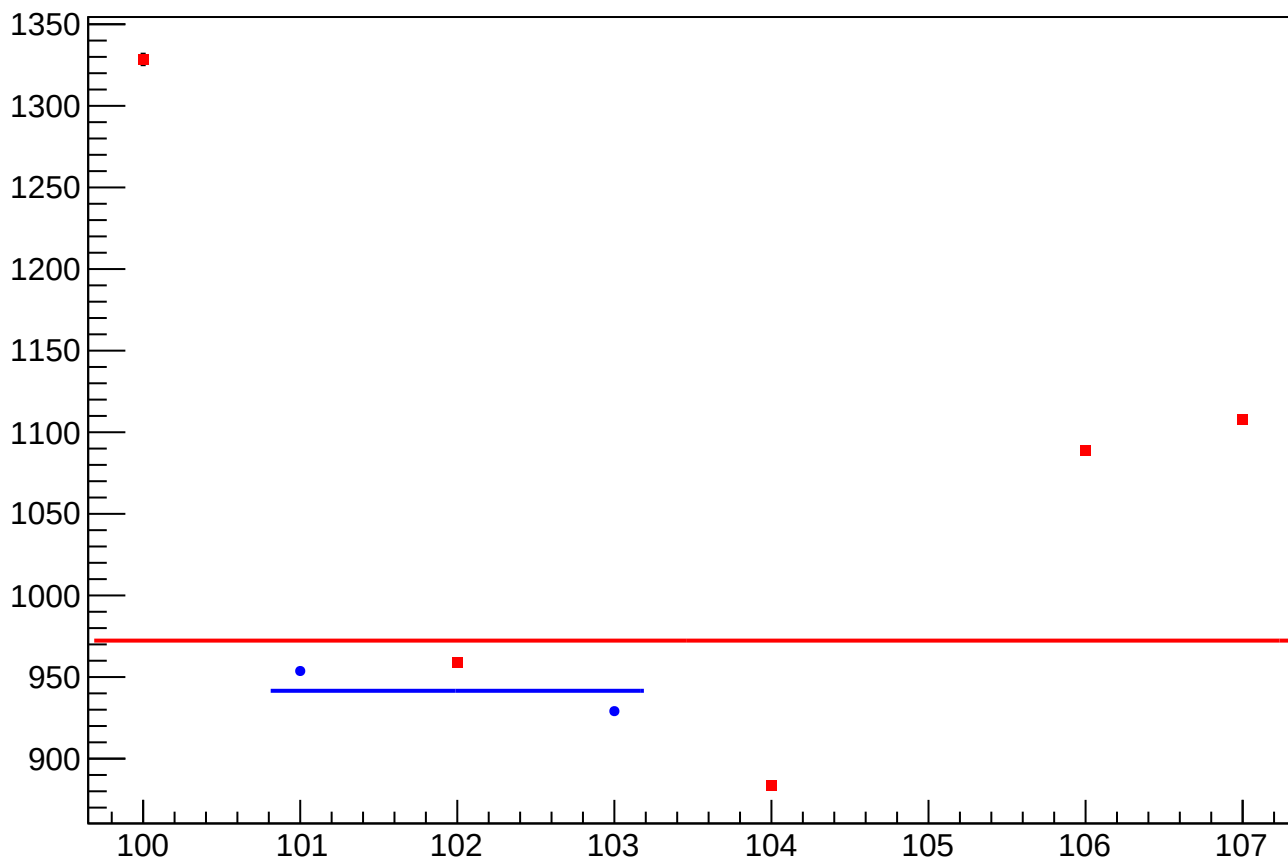
Right: -199.246+/-571.198 χ^2/NDF : 4.3/6

In: 67.465+/-838.780 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -199.246+/-571.198 χ^2/NDF : 4.3/6

asym_usr_atr1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 941.579+/-0.593 χ^2/NDF : 429.9/1

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

Right Out: 972.332+/-0.552 χ^2/NDF : 33707.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

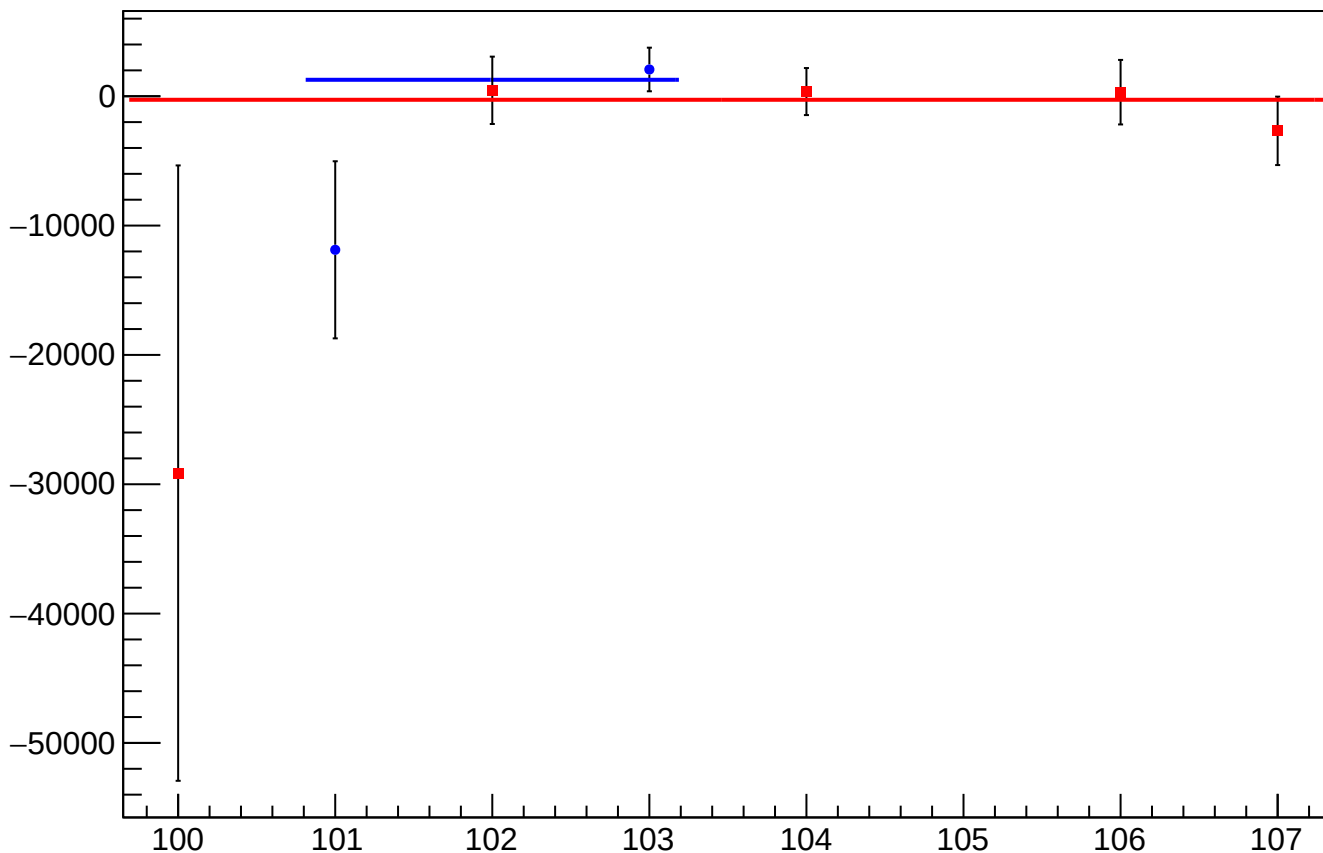
Right: 958.071+/-0.404 χ^2/NDF : 35578.7/6

In: 941.579+/-0.593 χ^2/NDF : 429.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 958.071+/-0.404 χ^2/NDF : 35578.7/6

eigen_cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1272.062+/-1637.081 χ^2/NDF : 3.9/1

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

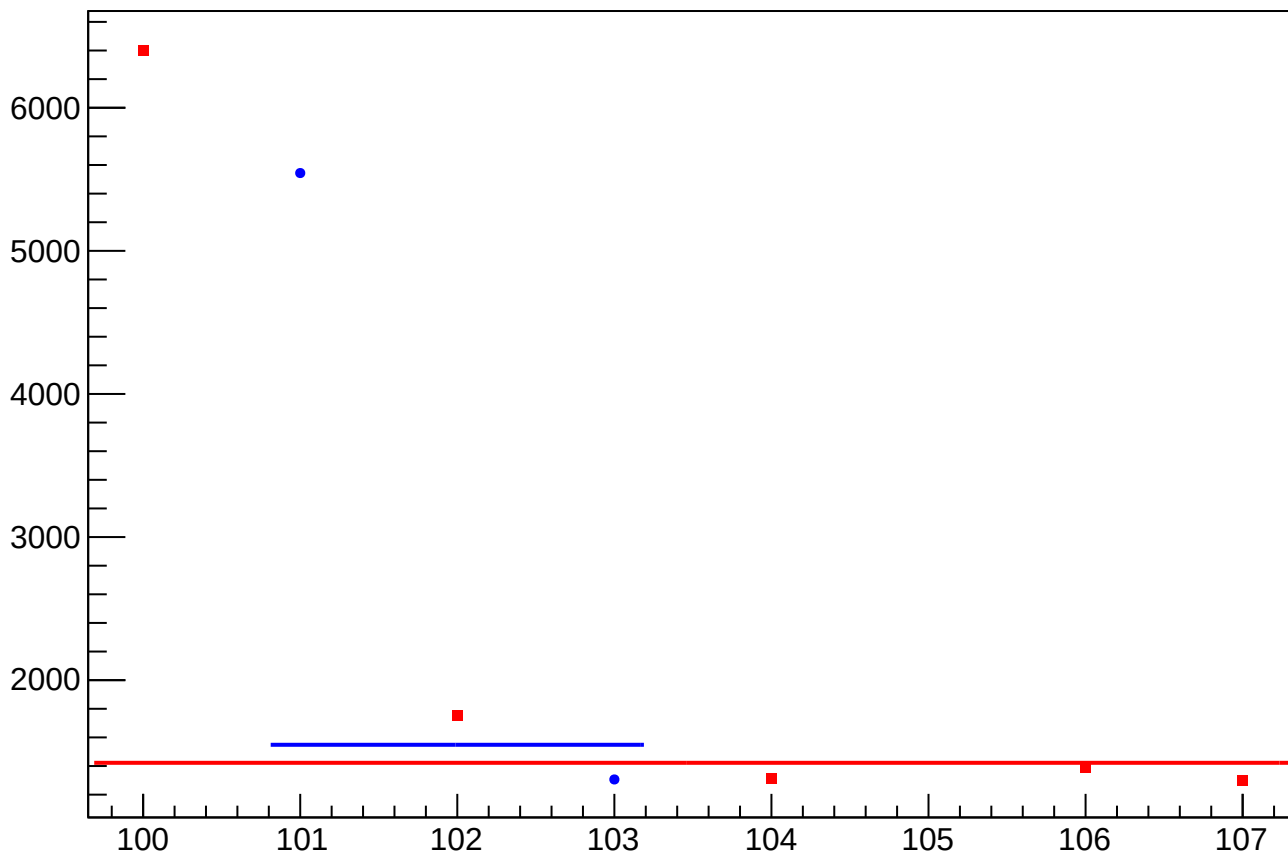
Right: 237.318+/-941.391 χ^2/NDF : 7.1/6

In: 1272.062+/-1637.081 χ^2/NDF : 3.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 237.318+/-941.391 χ^2/NDF : 7.1/6

eigen_cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1548.413+/-1.158 χ^2/NDF : 722287.3/1

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

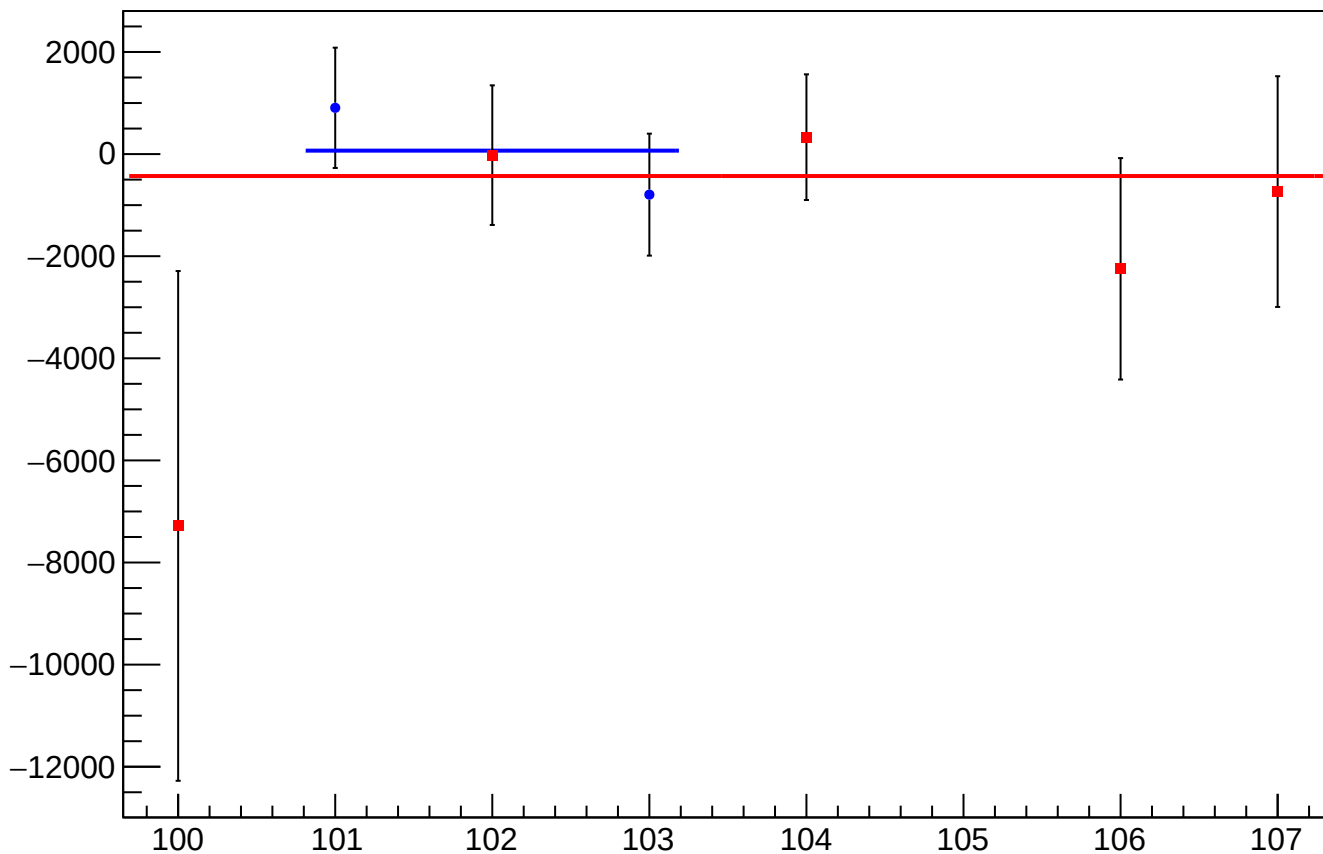
Right: 1464.132+/-0.666 χ^2/NDF : 861849.5/6

In: 1548.413+/-1.158 χ^2/NDF : 722287.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1464.132+/-0.666 χ^2/NDF : 861849.5/6

asym_usr_atr1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 67.465+/-838.780 χ^2/NDF : 1.0/1

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

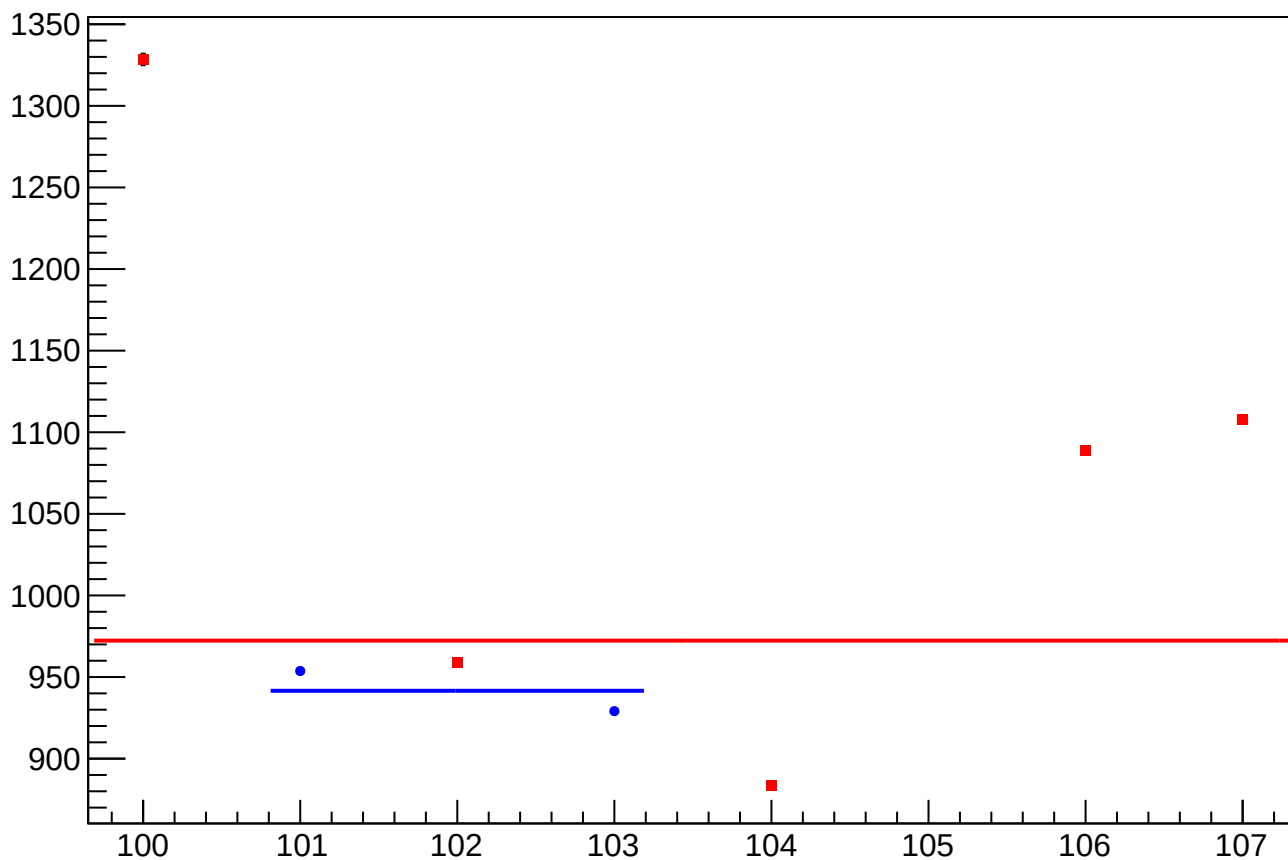
Right: -199.246+/-571.198 χ^2/NDF : 4.3/6

In: 67.465+/-838.780 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -199.246+/-571.198 χ^2/NDF : 4.3/6

asym_usr_atr1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 941.579+/-0.593 χ^2/NDF : 429.9/1

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

Right Out: 972.332+/-0.552 χ^2/NDF : 33707.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

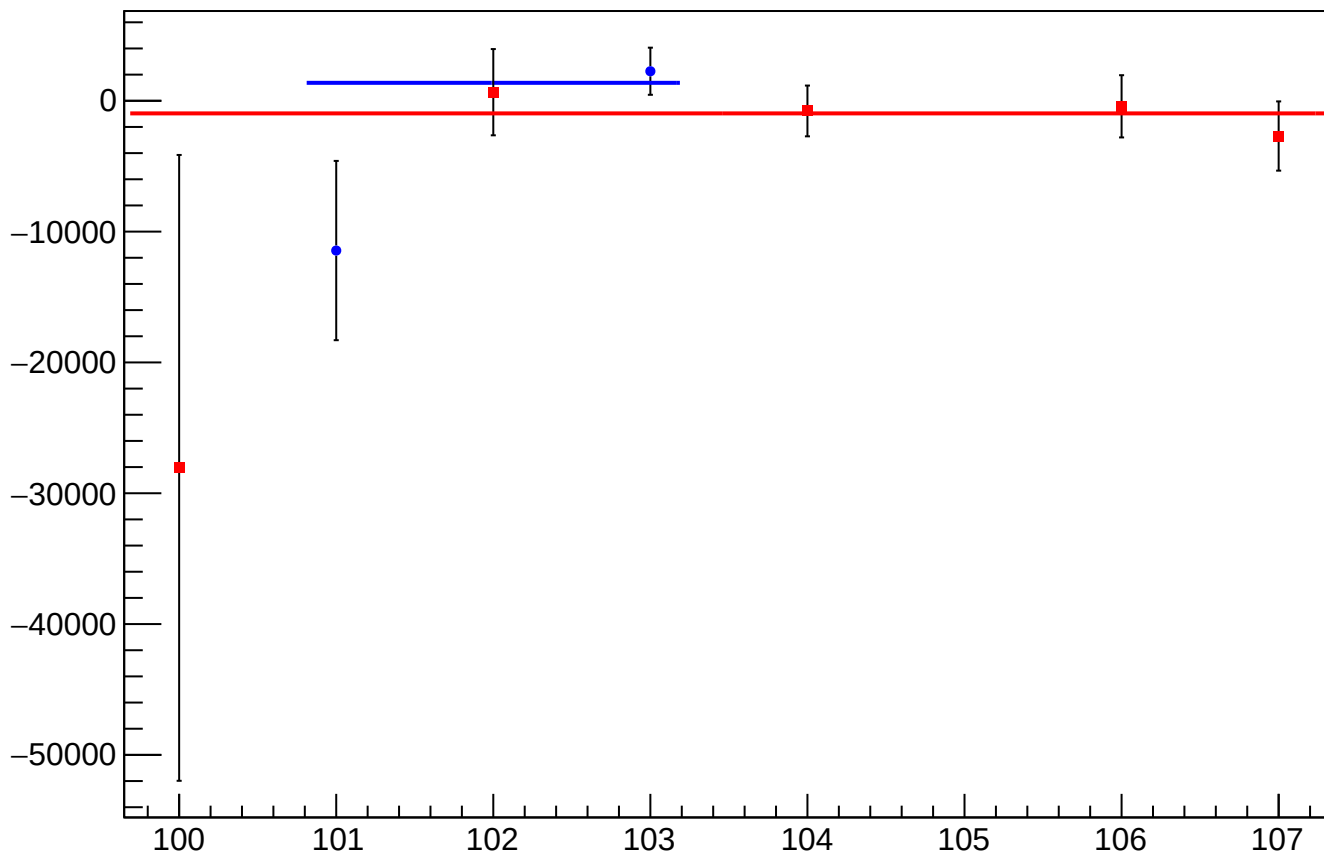
Right: 958.071+/-0.404 χ^2/NDF : 35578.7/6

In: 941.579+/-0.593 χ^2/NDF : 429.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 958.071+/-0.404 χ^2/NDF : 35578.7/6

dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1373.385+/-1742.009 χ^2 /NDF: 3.7/1

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

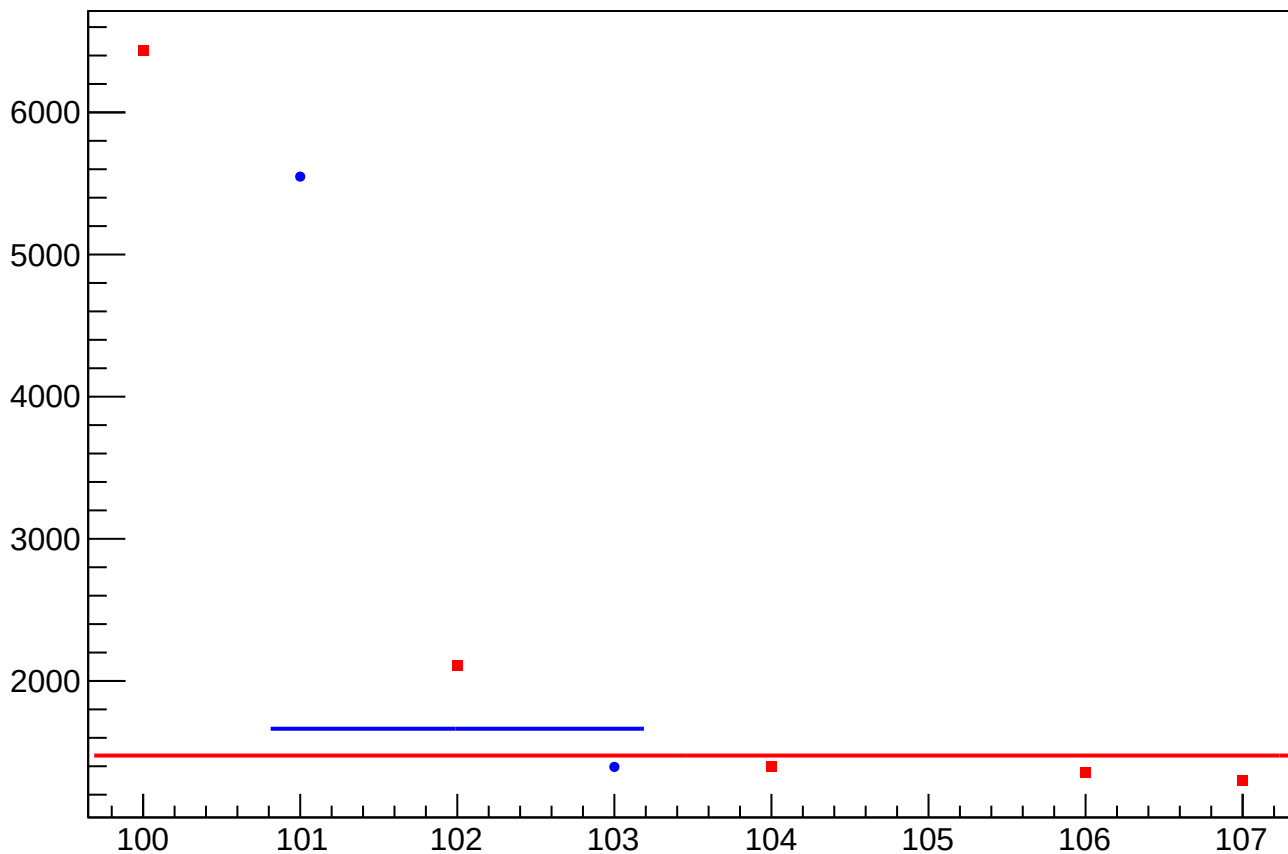
Right: -199.659+/-995.845 χ^2 /NDF: 7.0/6

In: 1373.385+/-1742.009 χ^2 /NDF:3.7/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -199.659+/-995.845 χ^2 /NDF: 7.0/6

dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1663.917+/-1.232 χ^2/NDF : 687024.9/1

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

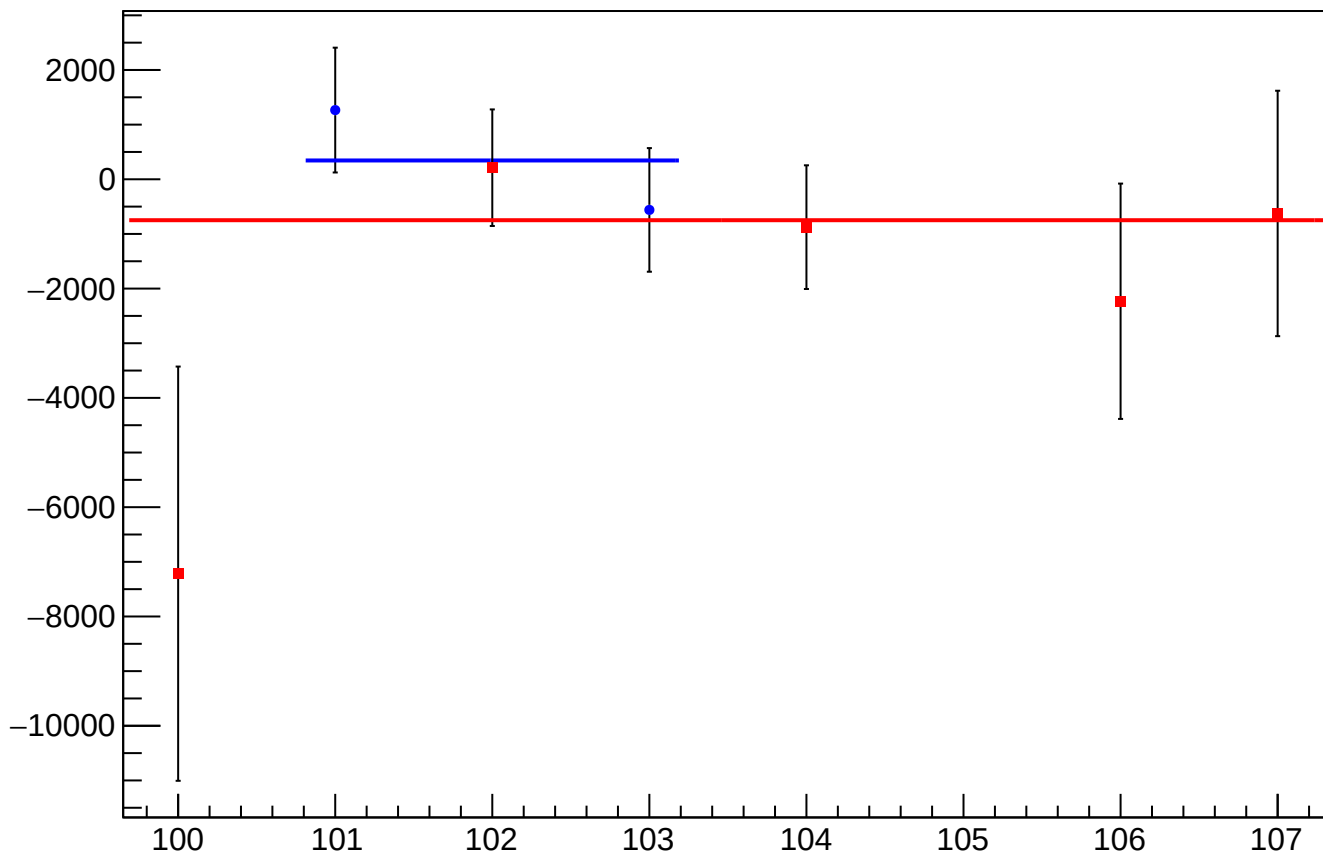
Right: 1536.979+/-0.704 χ^2/NDF : 880099.4/6

In: 1663.917+/-1.232 χ^2/NDF : 687024.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1536.979+/-0.704 χ^2/NDF : 880099.4/6

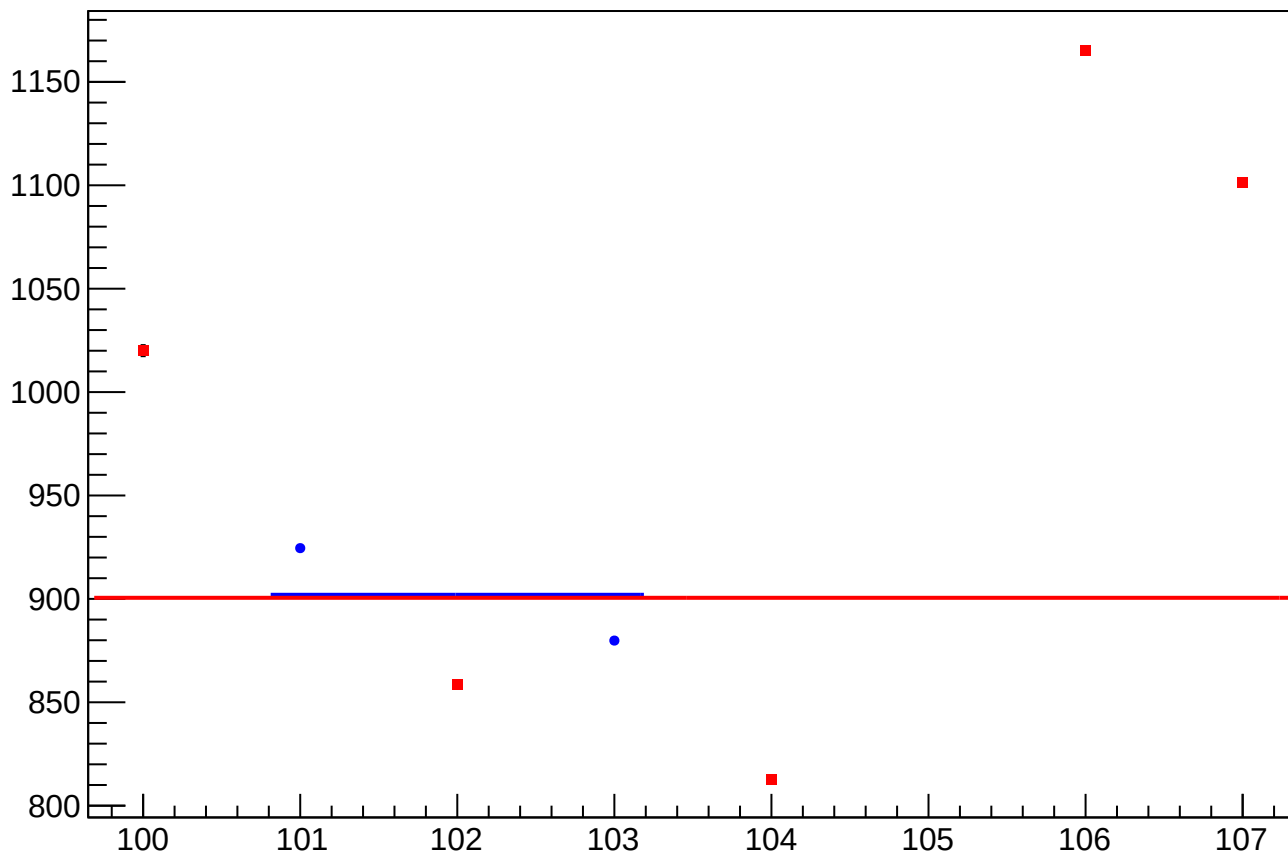
asym_usr_atr1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 344.220+/-803.566 χ^2/NDF : 1.3/1
 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: -290.439+/-520.399 χ^2/NDF : 6.6/6
 In: 344.220+/-803.566 χ^2/NDF : 1.3/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -290.439+/-520.399 χ^2/NDF : 6.6/6

asym_usr_atr1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 901.980+/-0.568 χ^2/NDF : 1547.6/1

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

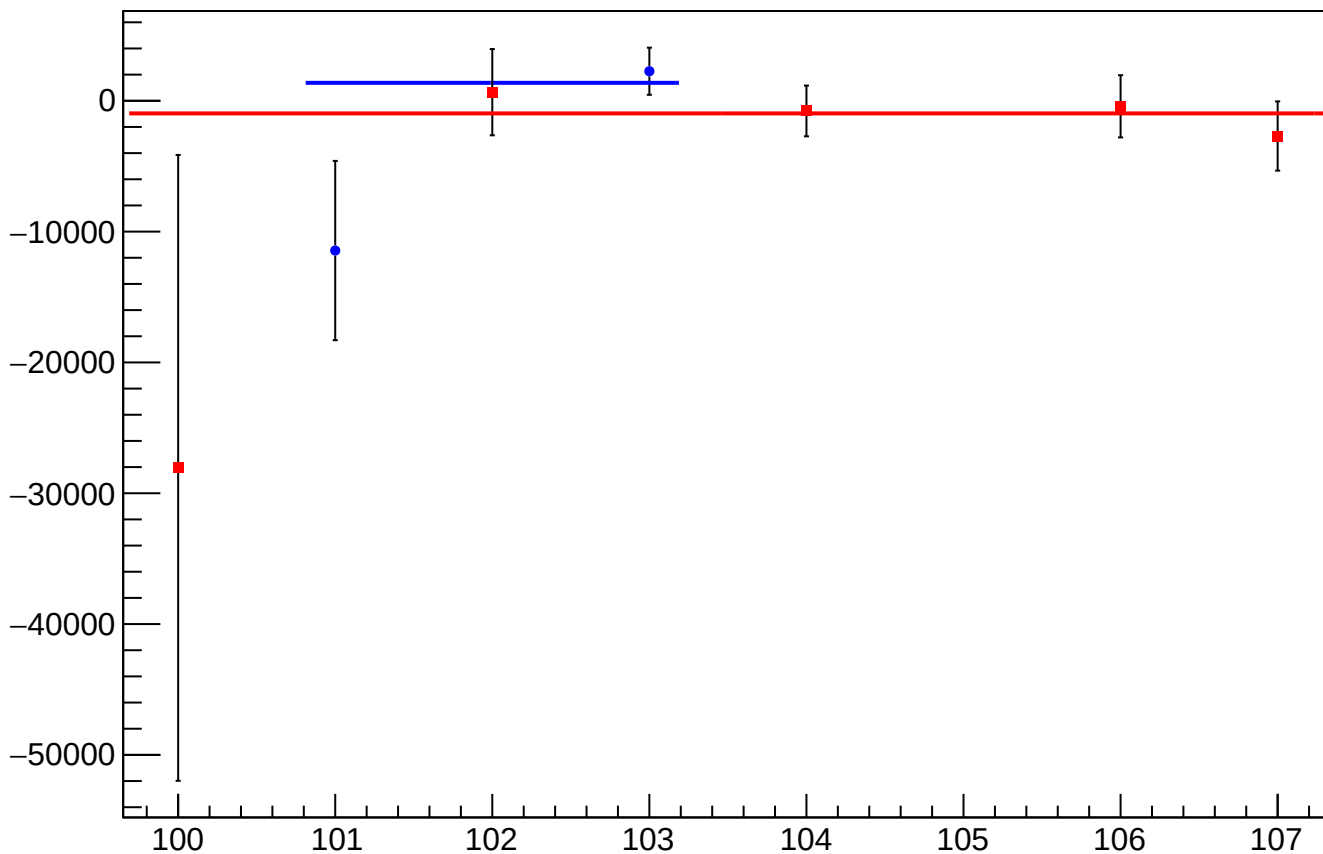
Right: 901.135+/-0.368 χ^2/NDF : 64774.5/6

In: 901.980+/-0.568 χ^2/NDF : 1547.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 901.135+/-0.368 χ^2/NDF : 64774.5/6

eigen_dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1373.383+/-1742.008 χ^2/NDF : 3.7/1

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

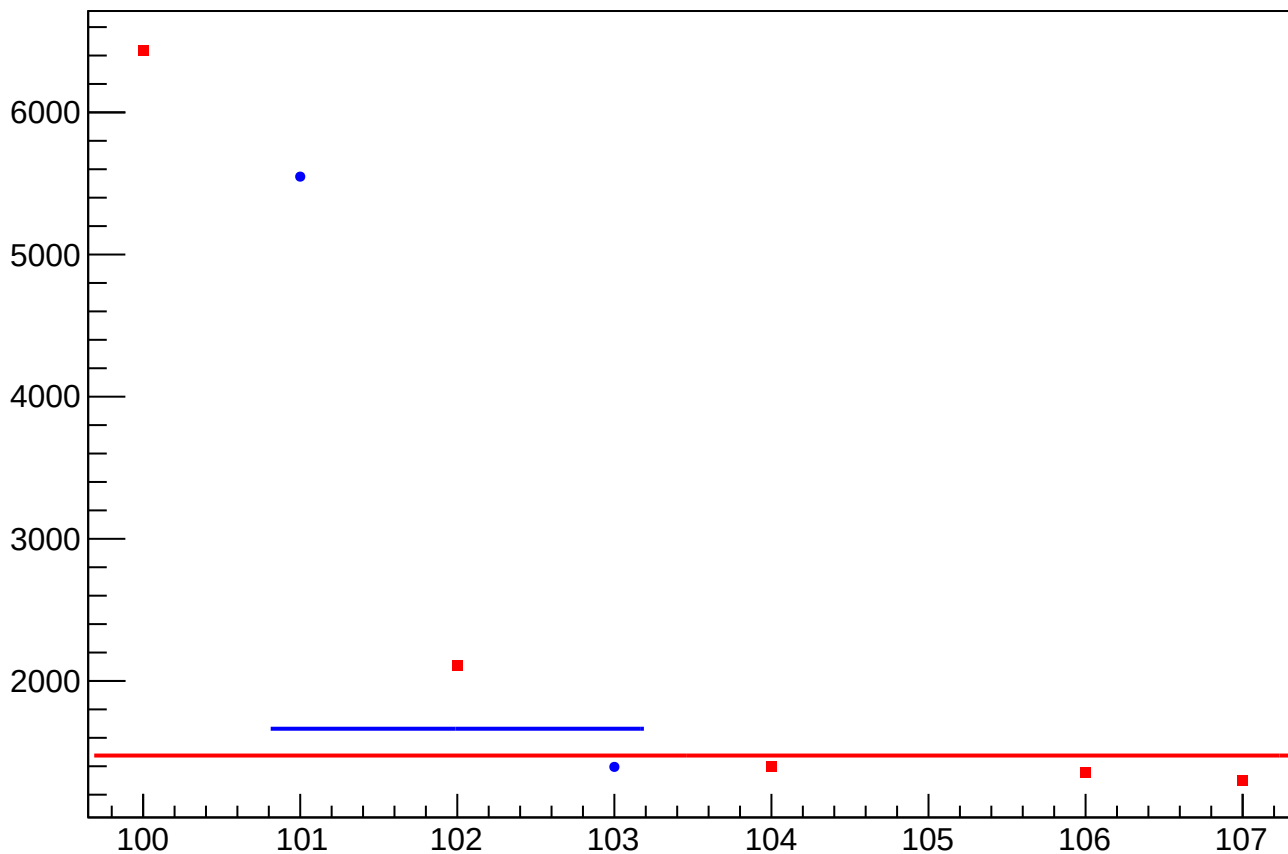
Right: -199.661+/-995.845 χ^2/NDF : 7.0/6

In: 1373.383+/-1742.008 χ^2/NDF : 3.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -199.661+/-995.845 χ^2/NDF : 7.0/6

eigen_dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1663.917+/-1.232 χ^2/NDF : 687025.0/1

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

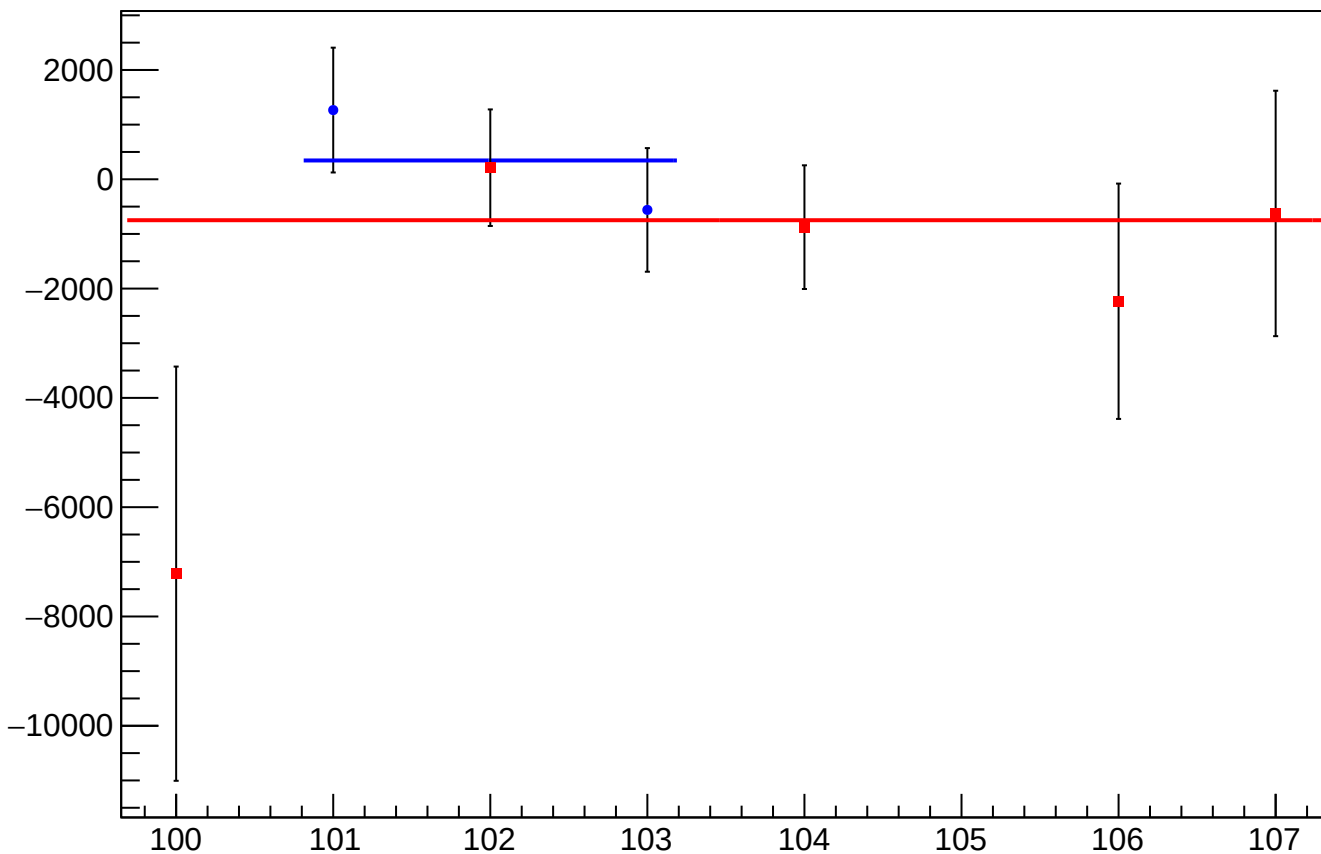
Right: 1536.979+/-0.704 χ^2/NDF : 880099.5/6

In: 1663.917+/-1.232 χ^2/NDF : 687025.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1536.979+/-0.704 χ^2/NDF : 880099.5/6

asym_usr_atr1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 344.221+/-803.566 χ^2/NDF : 1.3/1

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

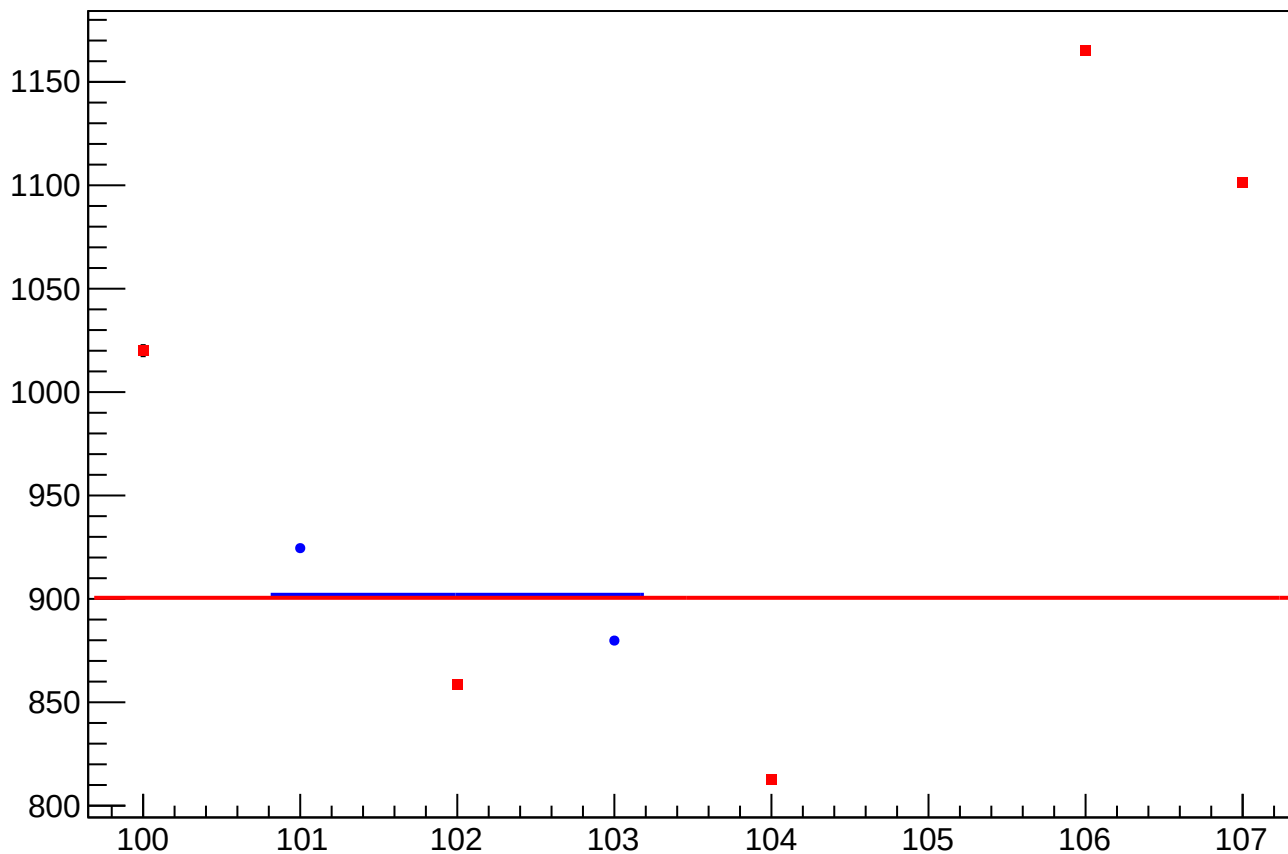
Right: -290.438+/-520.400 χ^2/NDF : 6.6/6

In: 344.221+/-803.566 χ^2/NDF :1.3/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -290.438+/-520.400 χ^2/NDF : 6.6/6

asym_usr_atr1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 901.980+/-0.568 χ^2/NDF : 1547.4/1

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

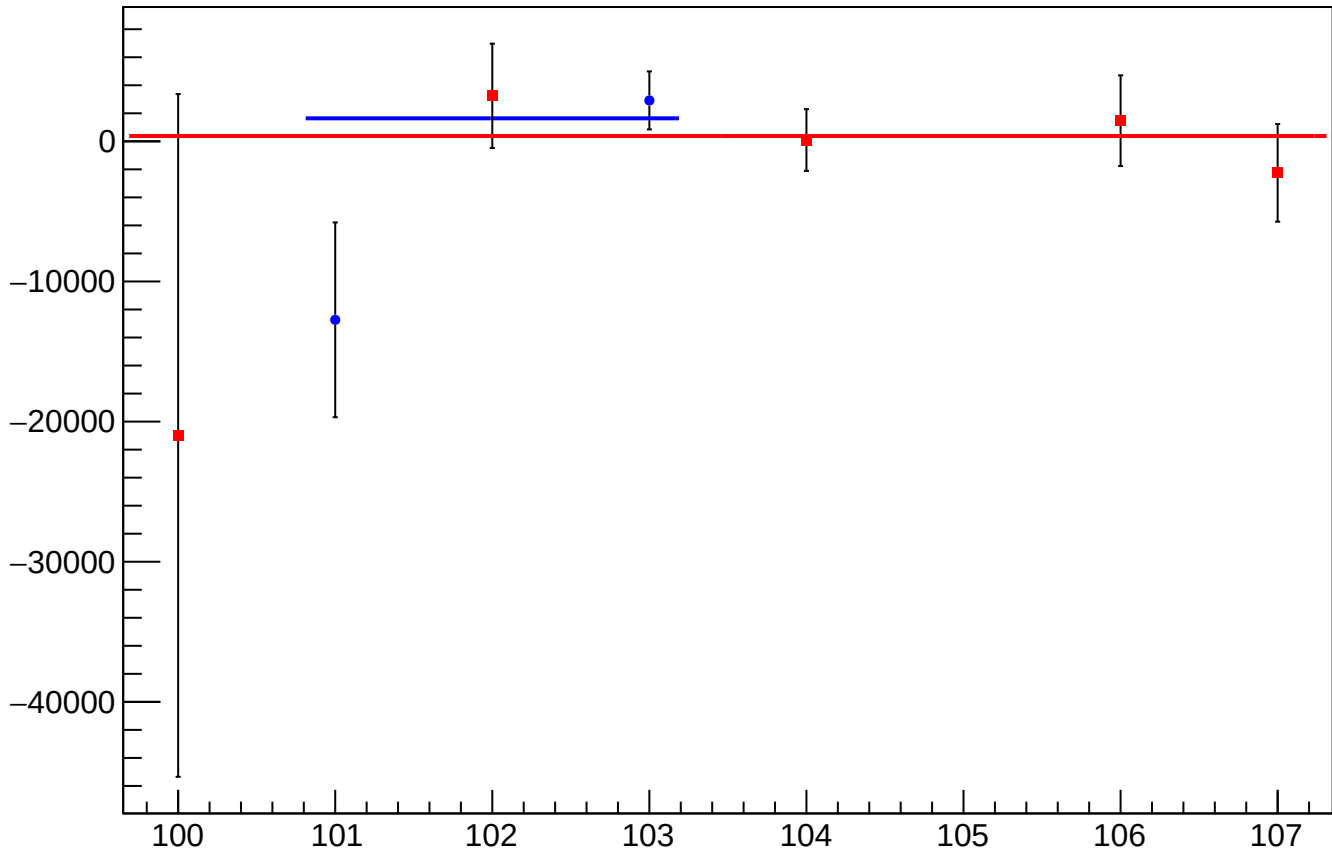
Right: 901.136+/-0.368 χ^2/NDF : 64774.0/6

In: 901.980+/-0.568 χ^2/NDF : 1547.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 901.136+/-0.368 χ^2/NDF : 64774.0/6

asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1641.577+/-1984.795 χ^2 /NDF: 4.7/1

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

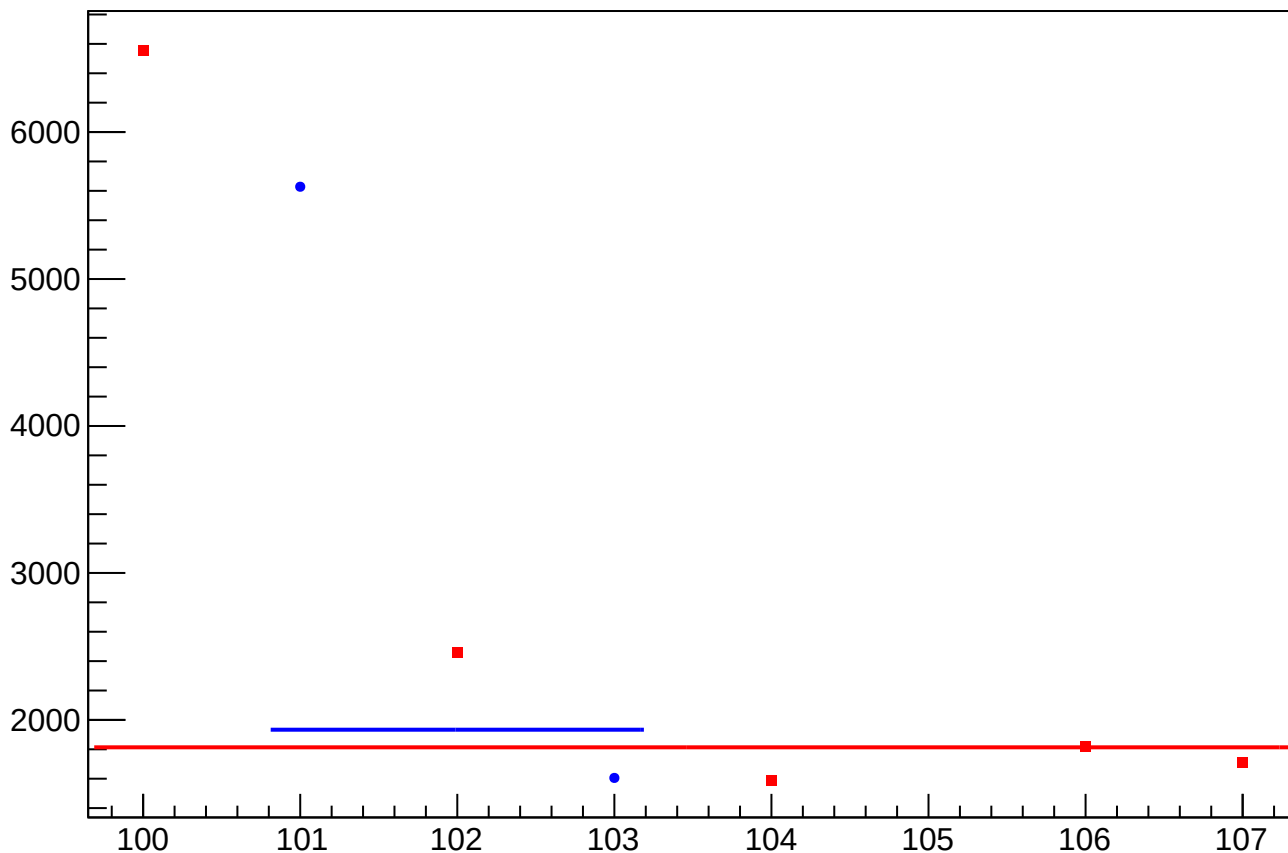
Right: 829.500+/-1185.610 χ^2 /NDF: 7.0/6

In: 1641.577+/-1984.795 χ^2 /NDF: 4.7/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 829.500+/-1185.610 χ^2 /NDF: 7.0/6

asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1933.363+/-1.403 χ^2/NDF : 615287.0/1

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

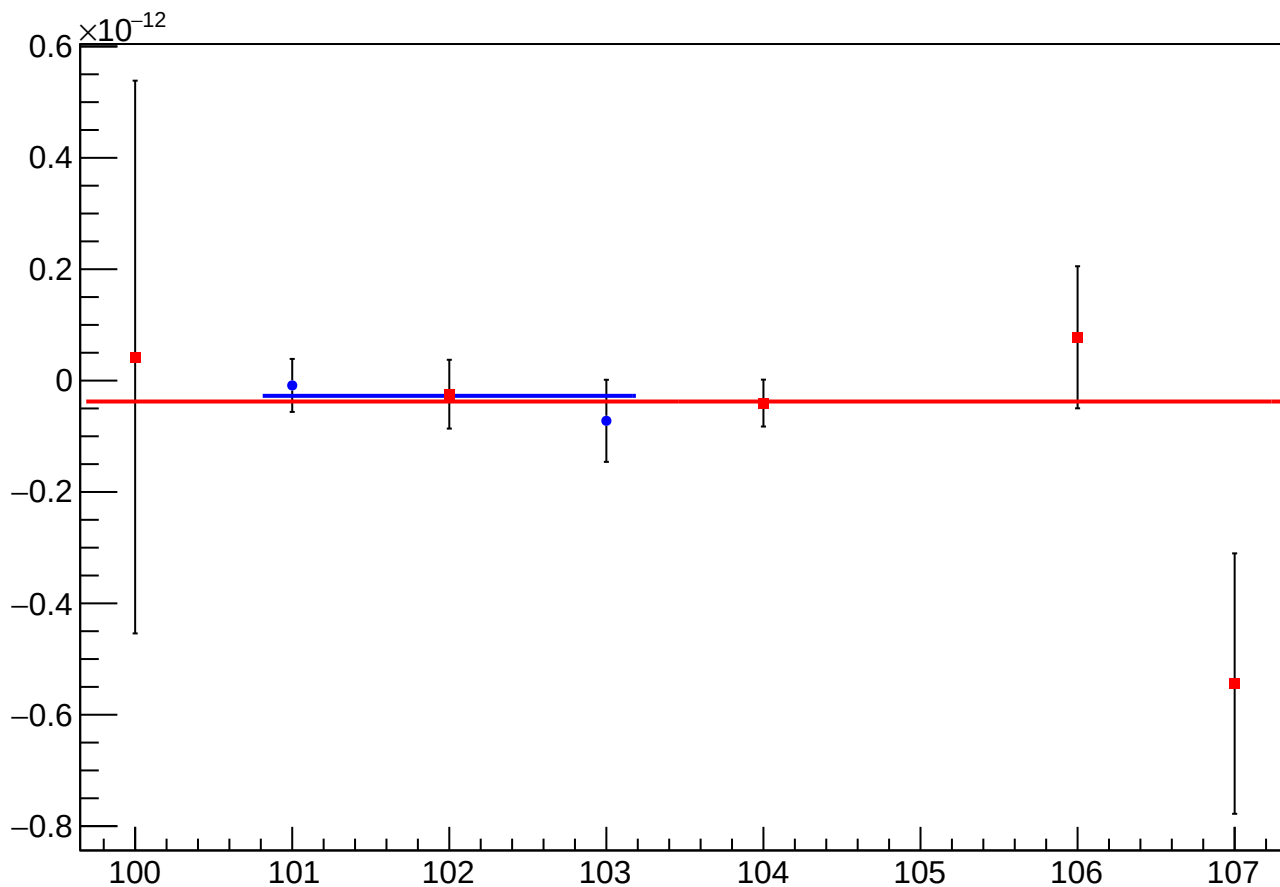
Right: 1856.277+/-0.838 χ^2/NDF : 778395.3/6

In: 1933.363+/-1.403 χ^2/NDF : 615287.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1856.277+/-0.838 χ^2/NDF : 778395.3/6

asym_usr_atr1_dd_reg_vs_slug_sign_corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.5/1

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

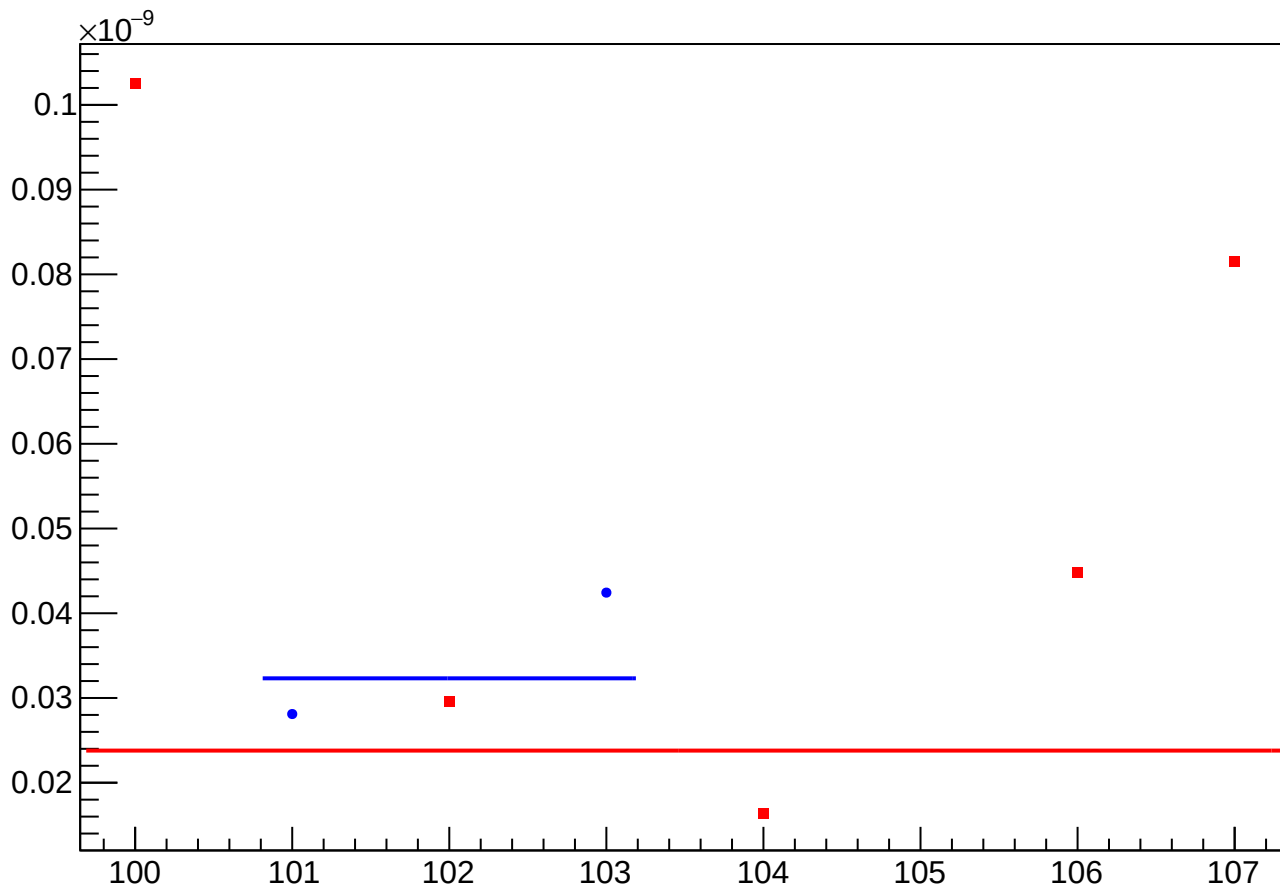
Right: -0.000+/-0.000 χ^2/NDF : 6.1/6

In: -0.000+/-0.000 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.1/6

asym_usr_atr1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 53362.6/1

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

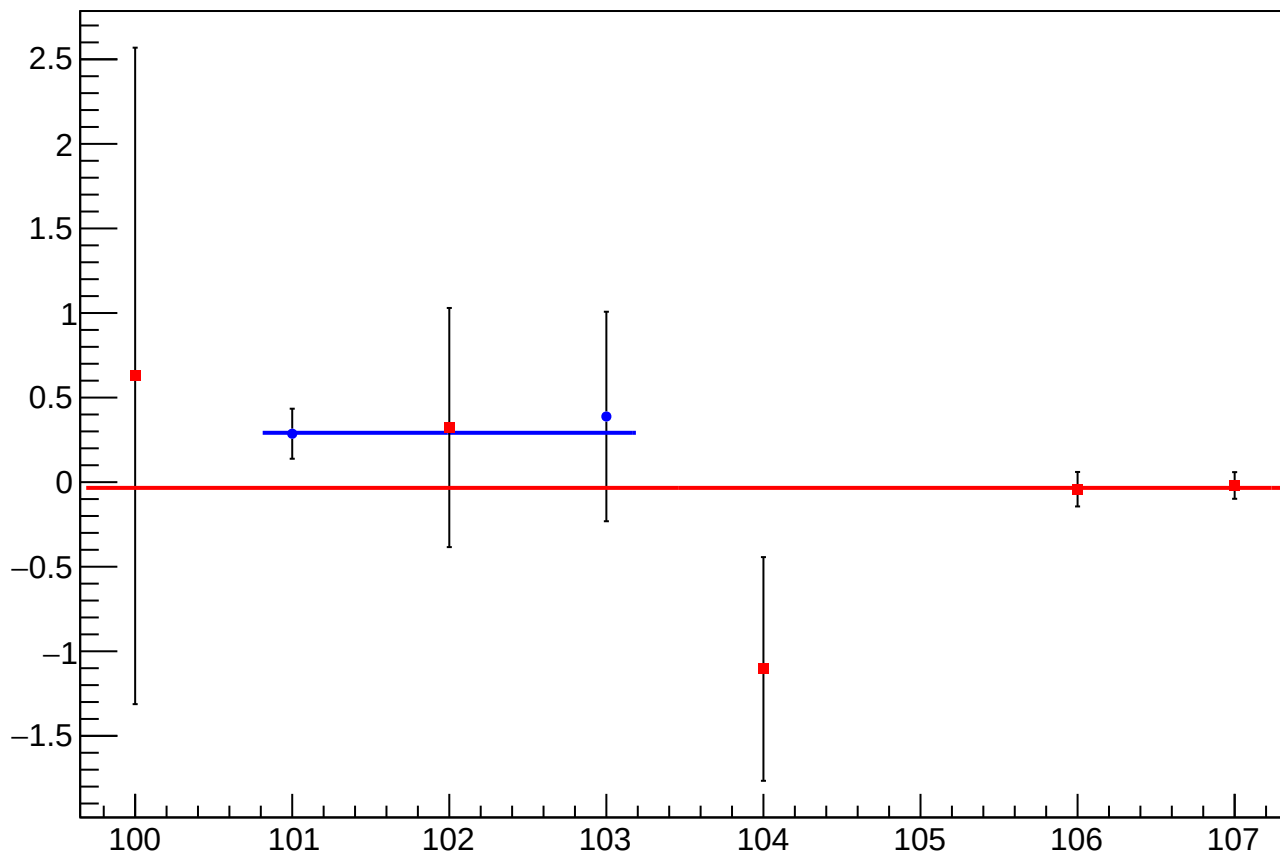
Right: 0.000+/-0.000 χ^2/NDF : 413934.4/6

In: 0.000+/-0.000 χ^2/NDF : 53362.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 413934.4/6

asym_usr_atr1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.292 $\pm$ 0.144 χ^2 /NDF: 0.0/1

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

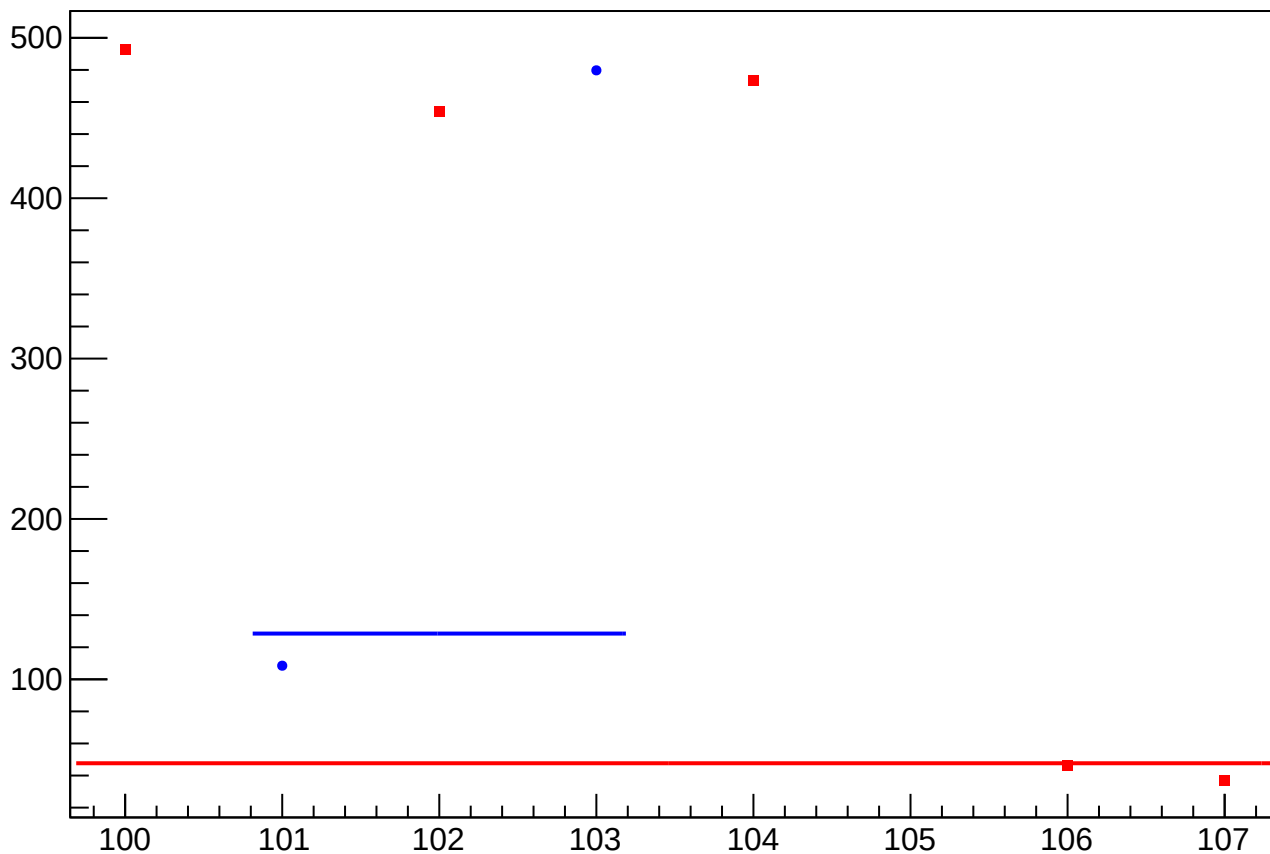
Right: 0.017 $\pm$ 0.057 χ^2 /NDF: 7.4/6

In: 0.292 $\pm$ 0.144 χ^2 /NDF: 0.0/1

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

All: 0.017 $\pm$ 0.057 χ^2 /NDF: 7.4/6

asym_usr_atr1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 128.532 $\pm$ 0.102 χ^2 /NDF: 679802.0/1

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

Right Out: 47.664 $\pm$ 0.044 χ^2 /NDF: 1633709.6/4

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

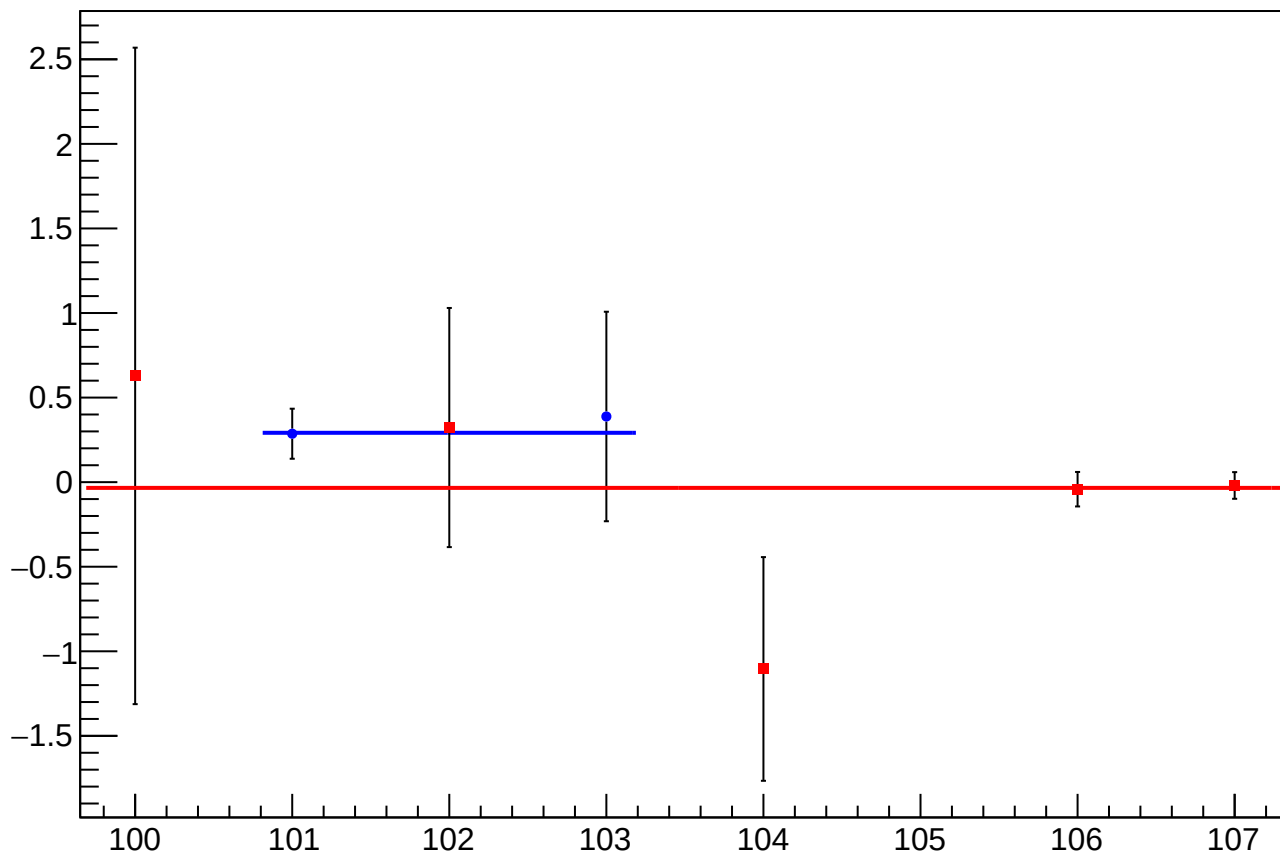
Right: 60.263 $\pm$ 0.040 χ^2 /NDF: 2846834.4/6

In: 128.532 $\pm$ 0.102 χ^2 /NDF:679802.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 60.263 $\pm$ 0.040 χ^2 /NDF: 2846834.4/6

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.292 $\pm$ 0.144 χ^2 /NDF: 0.0/1

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

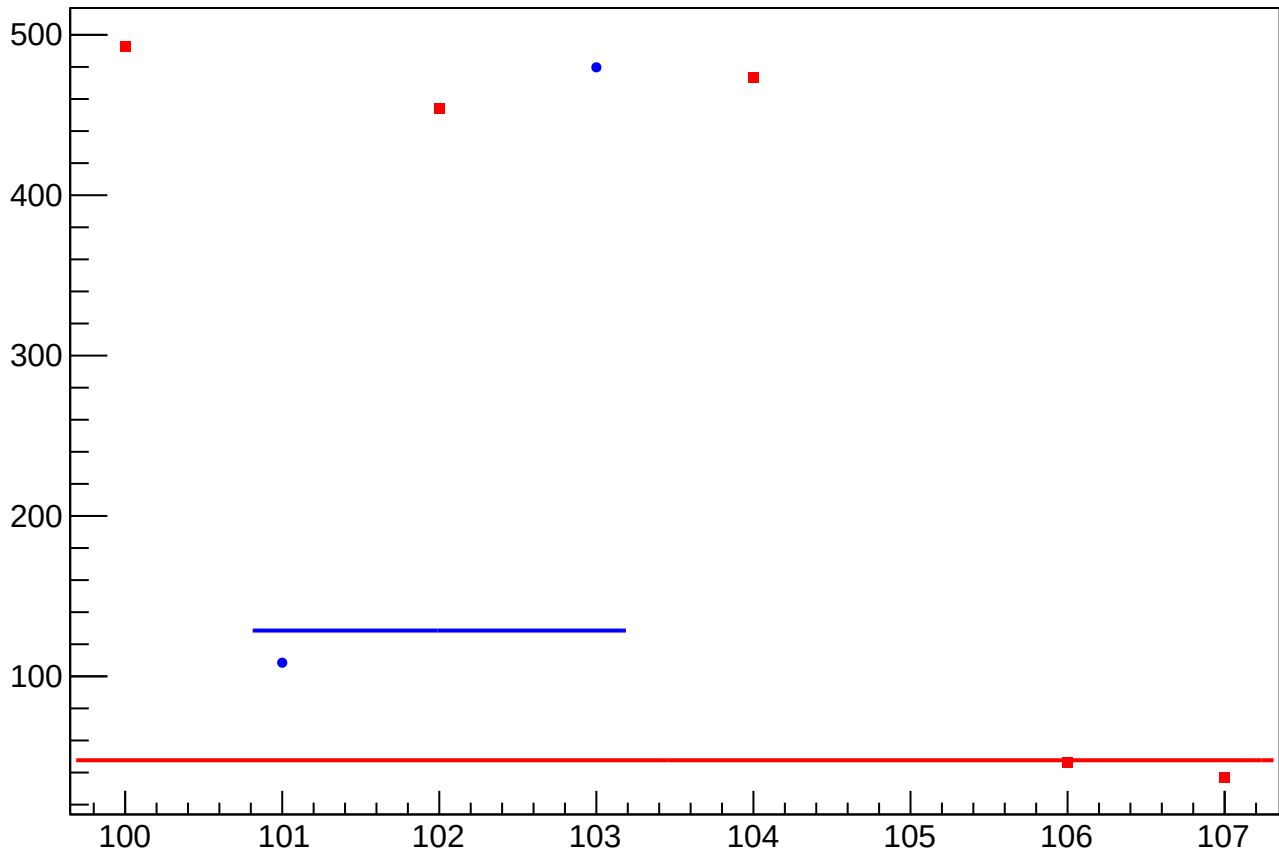
Right: 0.017 $\pm$ 0.057 χ^2 /NDF: 7.4/6

In: 0.292 $\pm$ 0.144 χ^2 /NDF: 0.0/1

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

All: 0.017 $\pm$ 0.057 χ^2 /NDF: 7.4/6

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 128.532 $\pm$ 0.102 χ^2 /NDF: 679802.0/1

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

Right Out: 47.664 $\pm$ 0.044 χ^2 /NDF: 1633709.6/4

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

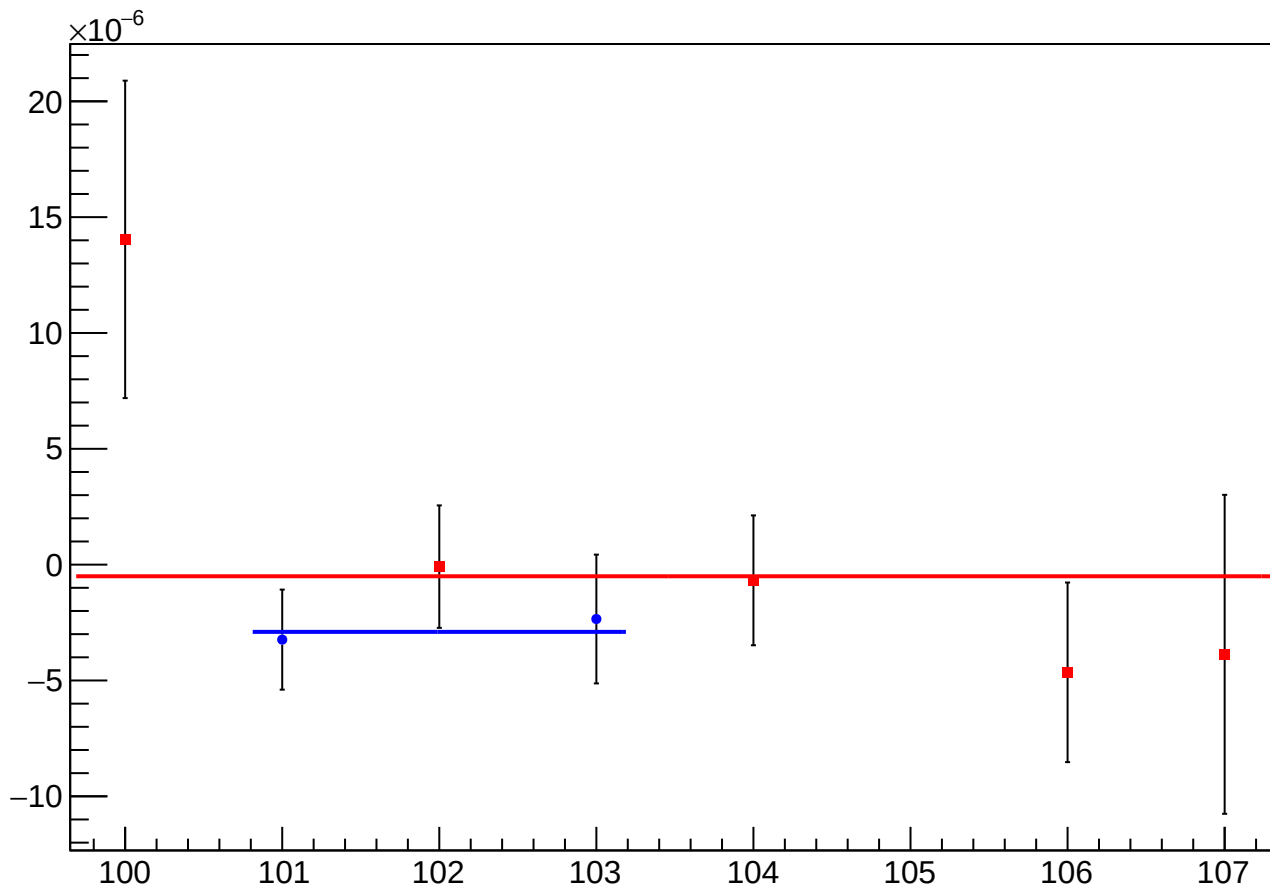
Right: 60.263 $\pm$ 0.040 χ^2 /NDF: 2846834.4/6

In: 128.532 $\pm$ 0.102 χ^2 /NDF:679802.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 60.263 $\pm$ 0.040 χ^2 /NDF: 2846834.4/6

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/1

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

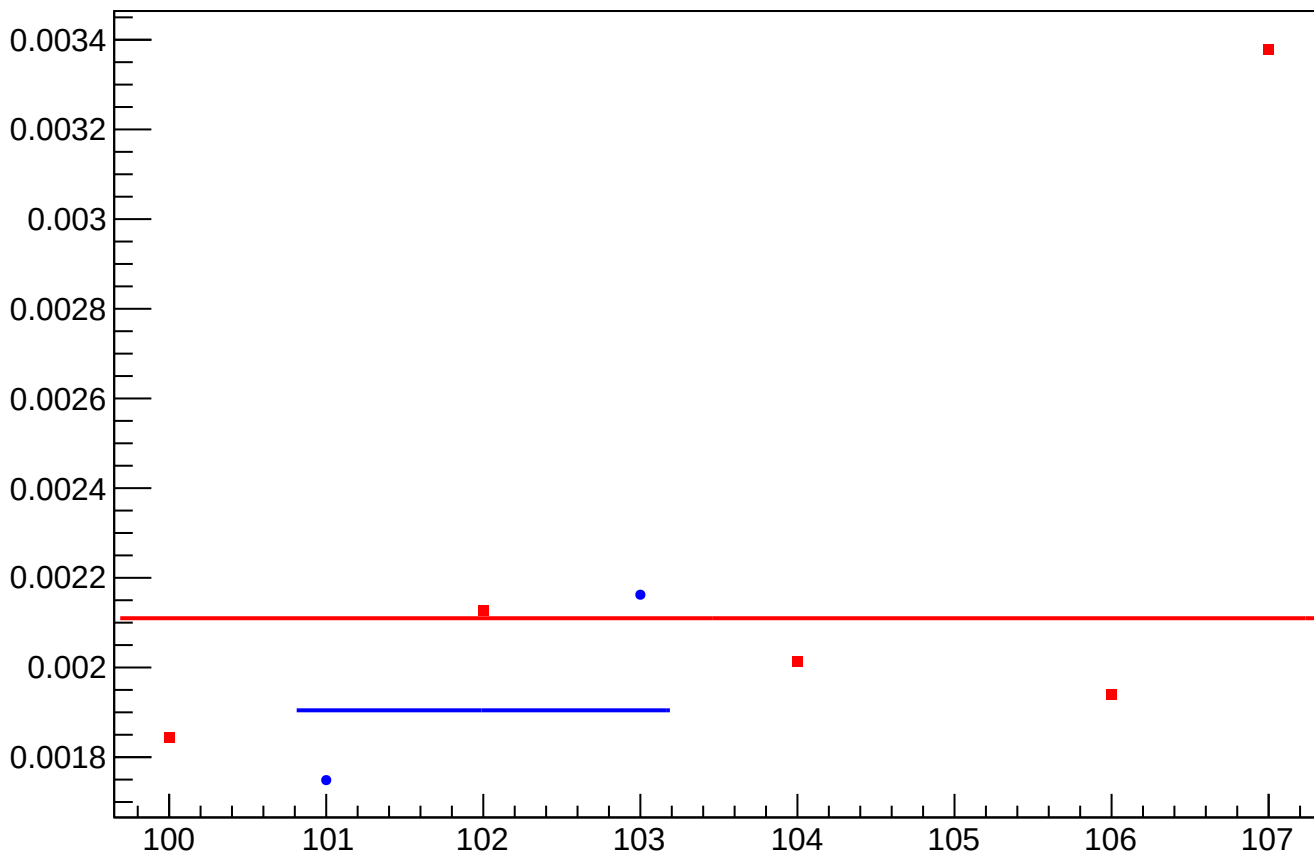
Right: -0.000+/-0.000 χ^2/NDF : 7.0/6

In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.0/6

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 27601.9/1

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

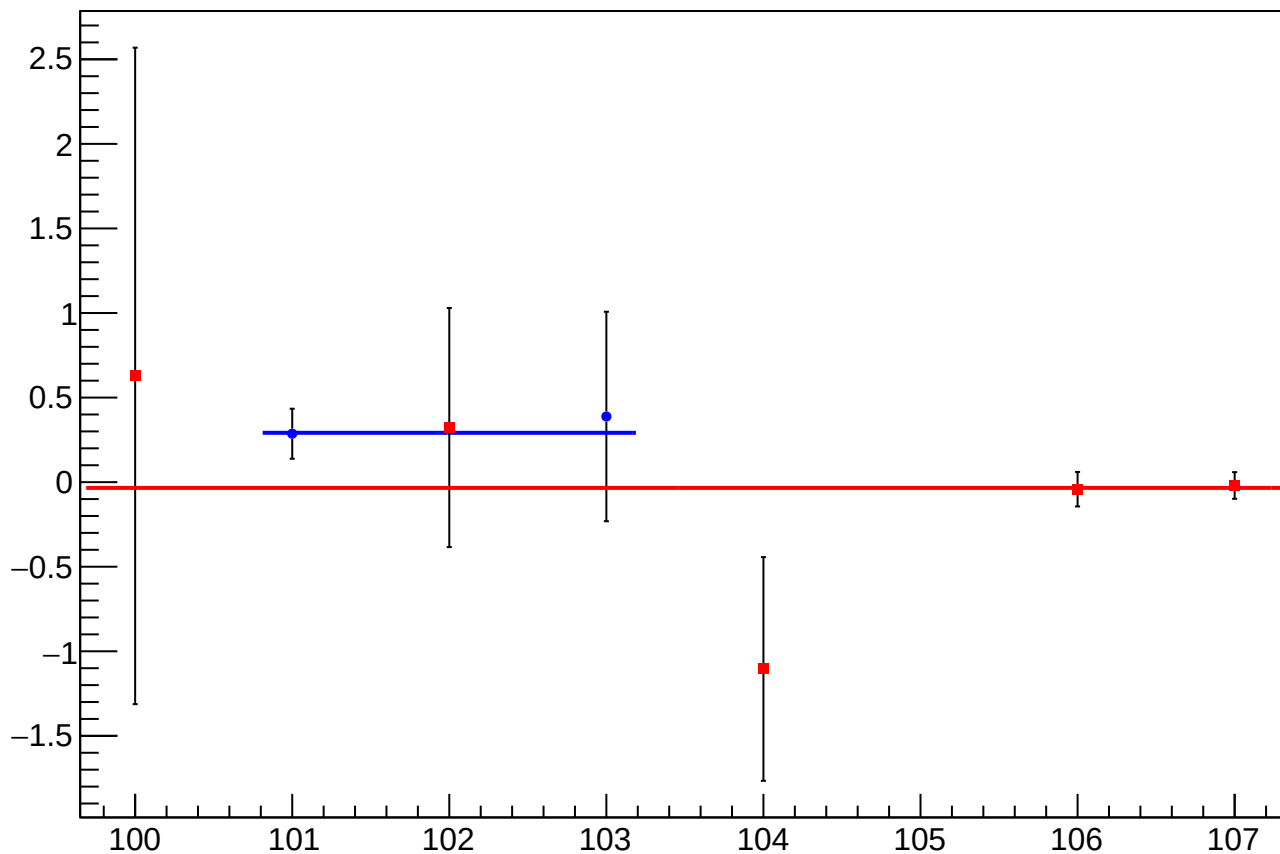
Right: 0.002+/-0.000 χ^2/NDF : 119995.5/6

In: 0.002+/-0.000 χ^2/NDF : 27601.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 119995.5/6

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.292 $\pm$ 0.144 χ^2 /NDF: 0.0/1

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

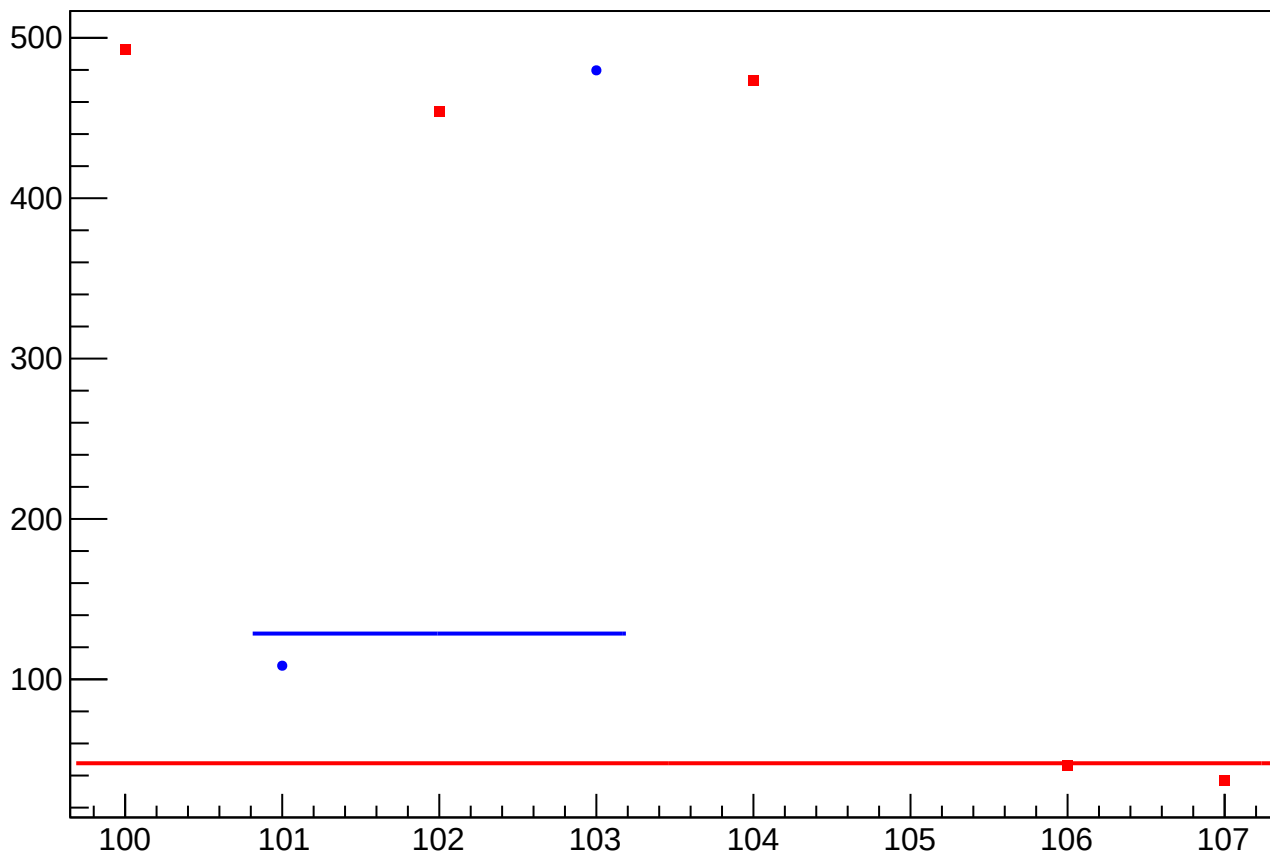
Right: 0.017 $\pm$ 0.057 χ^2 /NDF: 7.4/6

In: 0.292 $\pm$ 0.144 χ^2 /NDF: 0.0/1

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

All: 0.017 $\pm$ 0.057 χ^2 /NDF: 7.4/6

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 128.532 $\pm$ 0.102 χ^2 /NDF: 679800.7/1

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

Right Out: 47.664 $\pm$ 0.044 χ^2 /NDF: 1633712.0/4

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

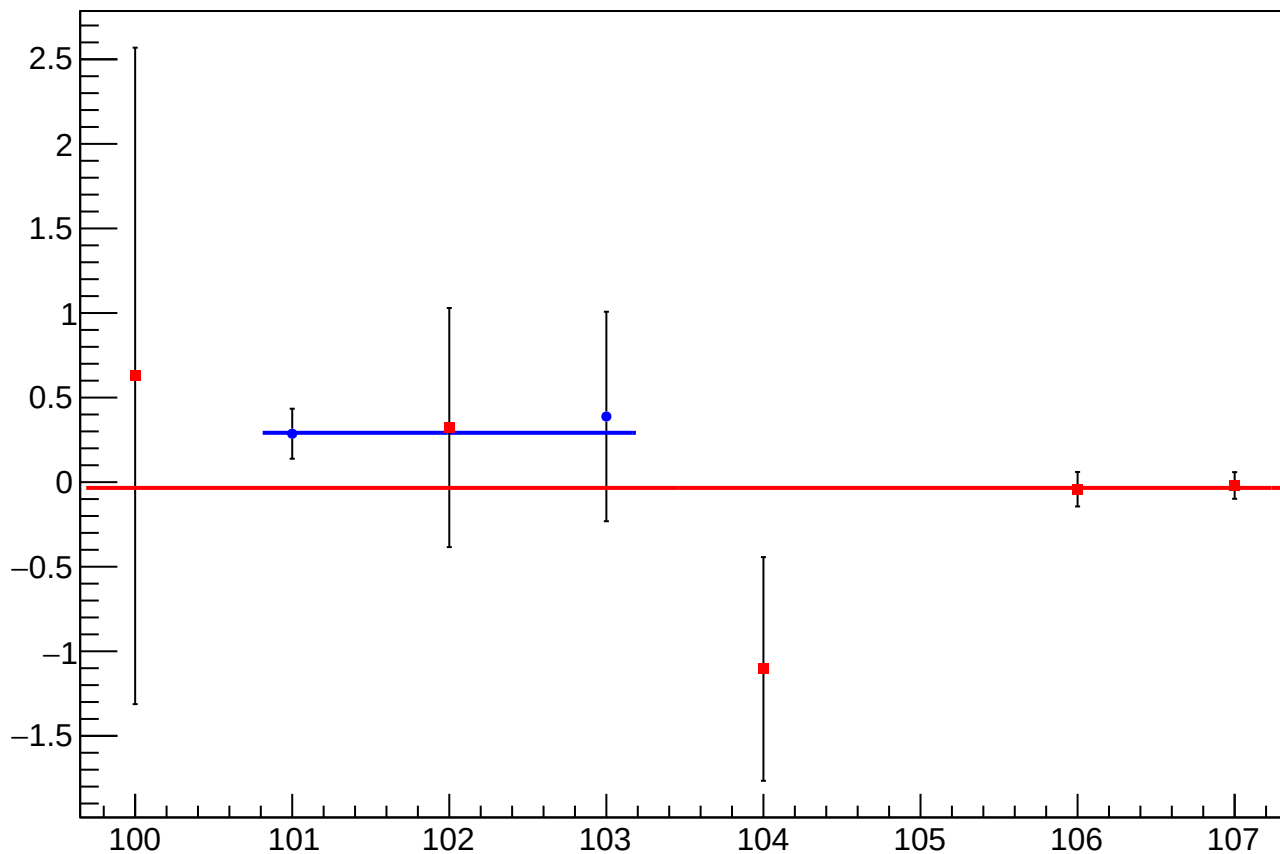
Right: 60.263 $\pm$ 0.040 χ^2 /NDF: 2846838.9/6

In: 128.532 $\pm$ 0.102 χ^2 /NDF:679800.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 60.263 $\pm$ 0.040 χ^2 /NDF: 2846838.9/6

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.292 $\pm$ 0.144 χ^2 /NDF: 0.0/1

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

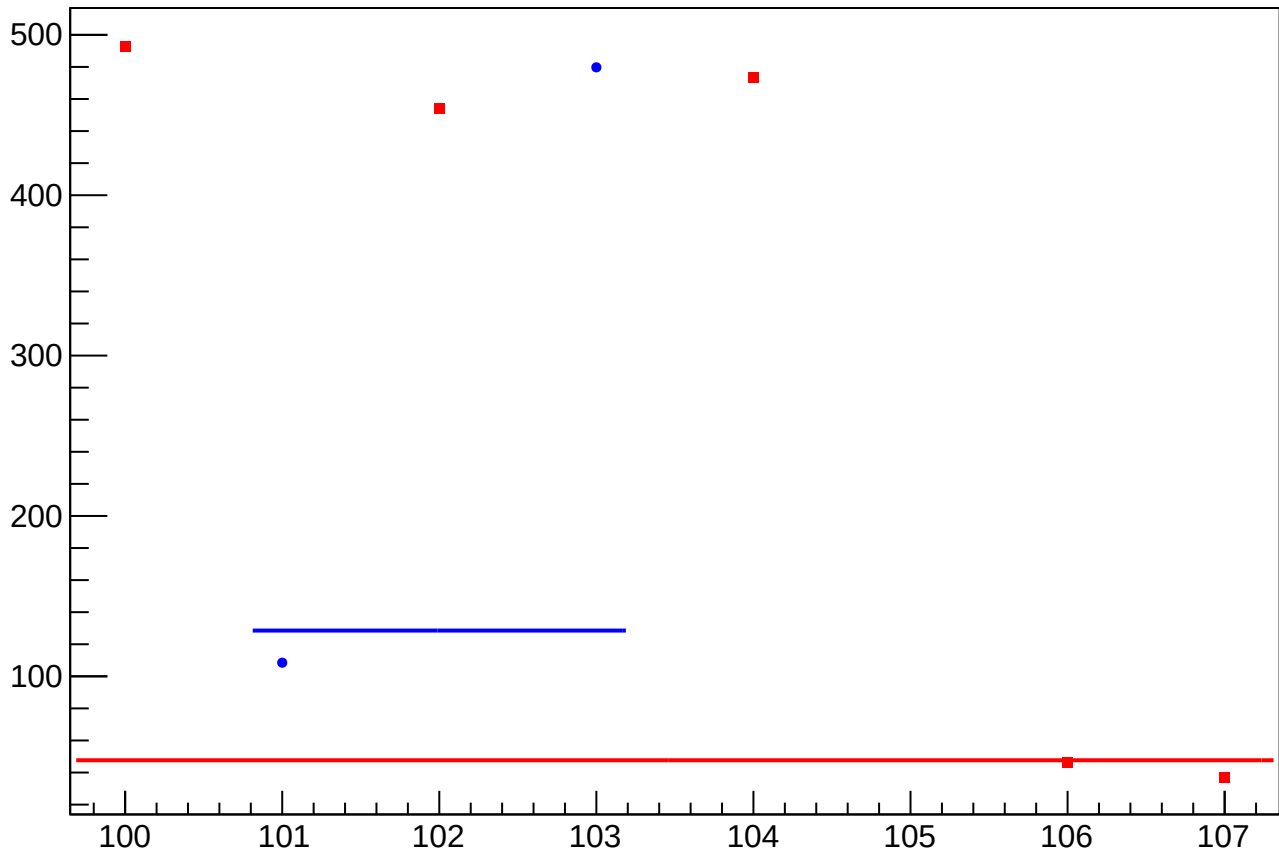
Right: 0.017 $\pm$ 0.057 χ^2 /NDF: 7.4/6

In: 0.292 $\pm$ 0.144 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.017 $\pm$ 0.057 χ^2 /NDF: 7.4/6

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 128.532 $\pm$ 0.102 χ^2 /NDF: 679800.7/1

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

Right Out: 47.664 $\pm$ 0.044 χ^2 /NDF: 1633712.0/4

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

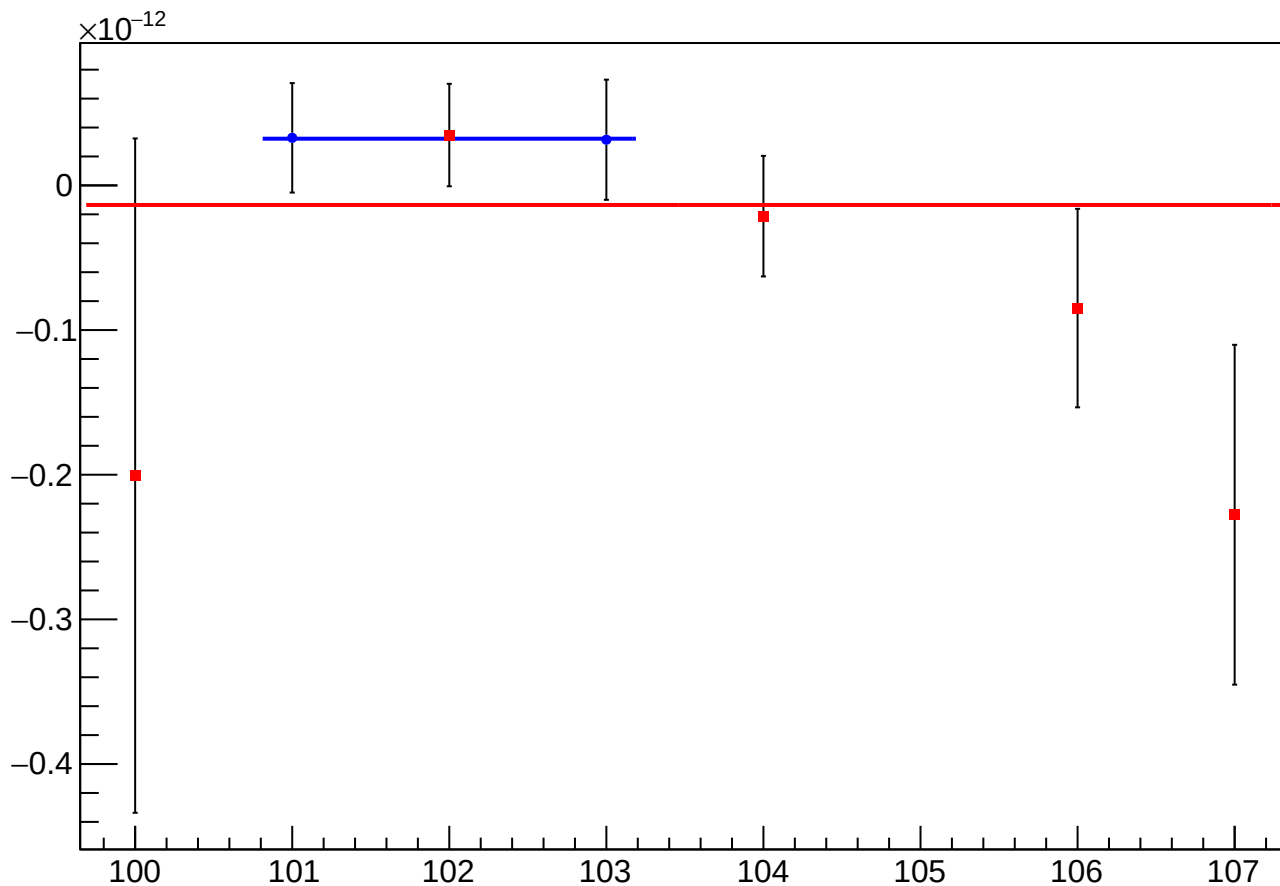
Right: 60.263 $\pm$ 0.040 χ^2 /NDF: 2846838.9/6

In: 128.532 $\pm$ 0.102 χ^2 /NDF:679800.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 60.263 $\pm$ 0.040 χ^2 /NDF: 2846838.9/6

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/1

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

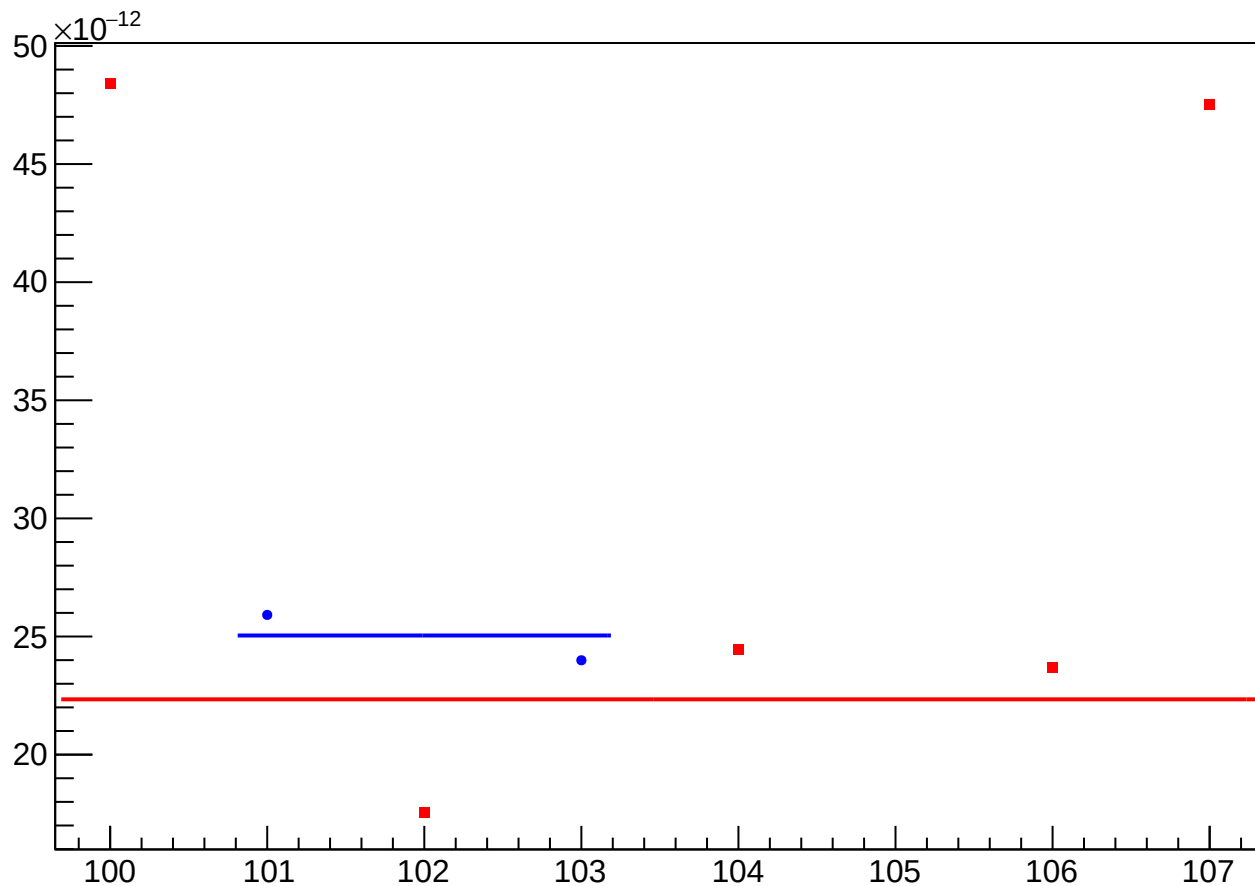
Right: 0.000+/-0.000 χ^2/NDF : 8.5/6

In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.5/6

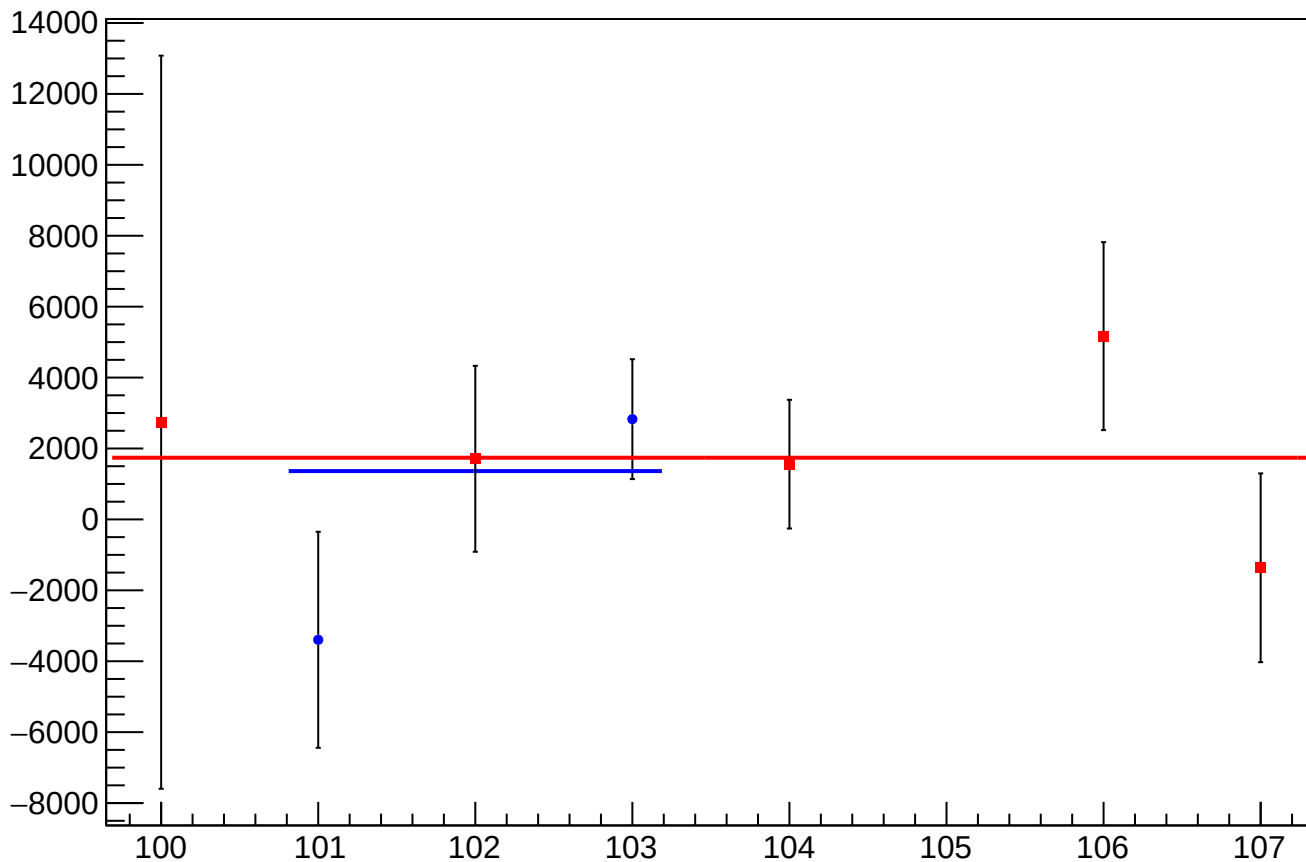
asym_usr_atr1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2336.5/1
 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 : 172334.0/6
 In: 0.000+/-0.000 χ^2/NDF : 2336.5/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 172334.0/6

reg_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 1362.867+/-1478.103 χ^2/NDF : 3.2/1

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

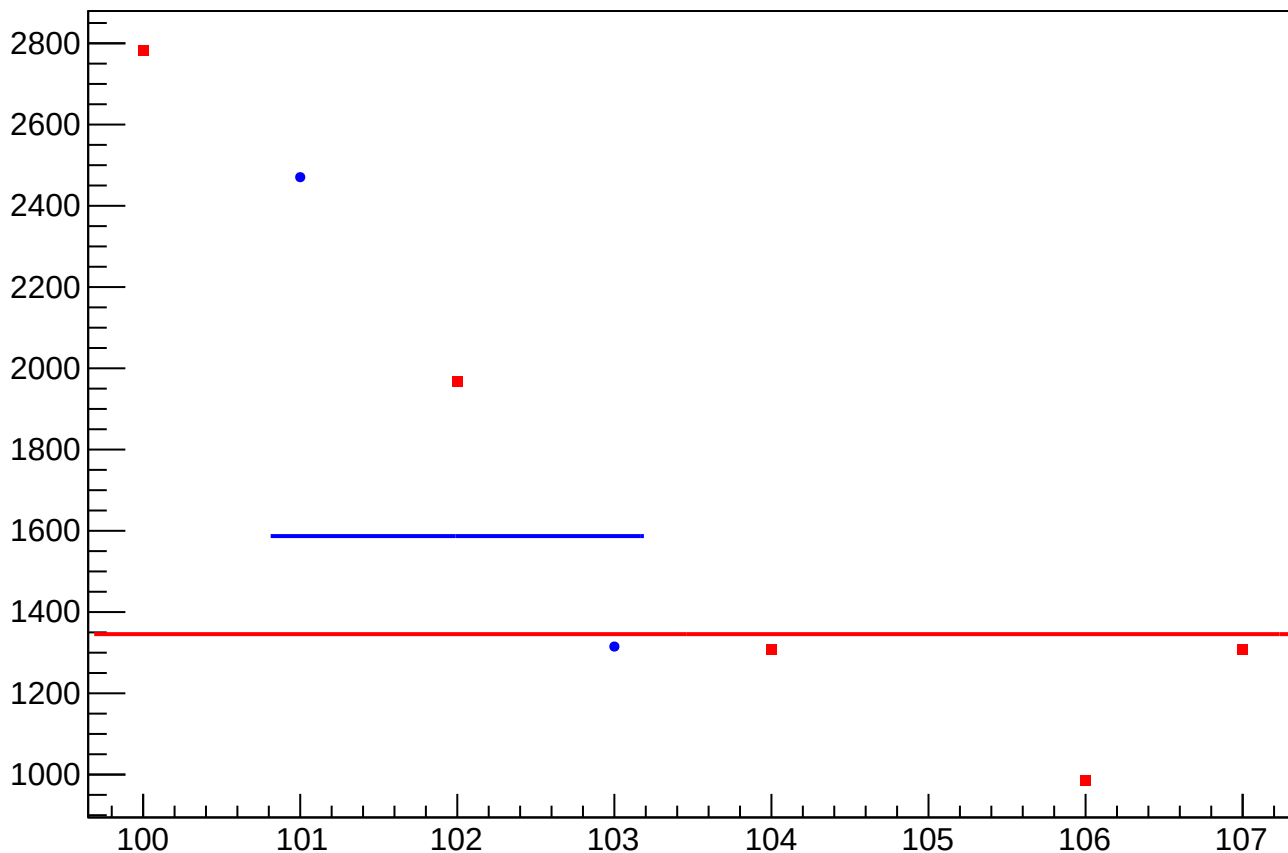
Right: 1595.874+/-913.050 χ^2/NDF : 6.3/6

In: 1362.867+/-1478.103 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1595.874+/-913.050 χ^2/NDF : 6.3/6

reg_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1587.027+/-1.045 χ^2/NDF : 219934.3/1

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

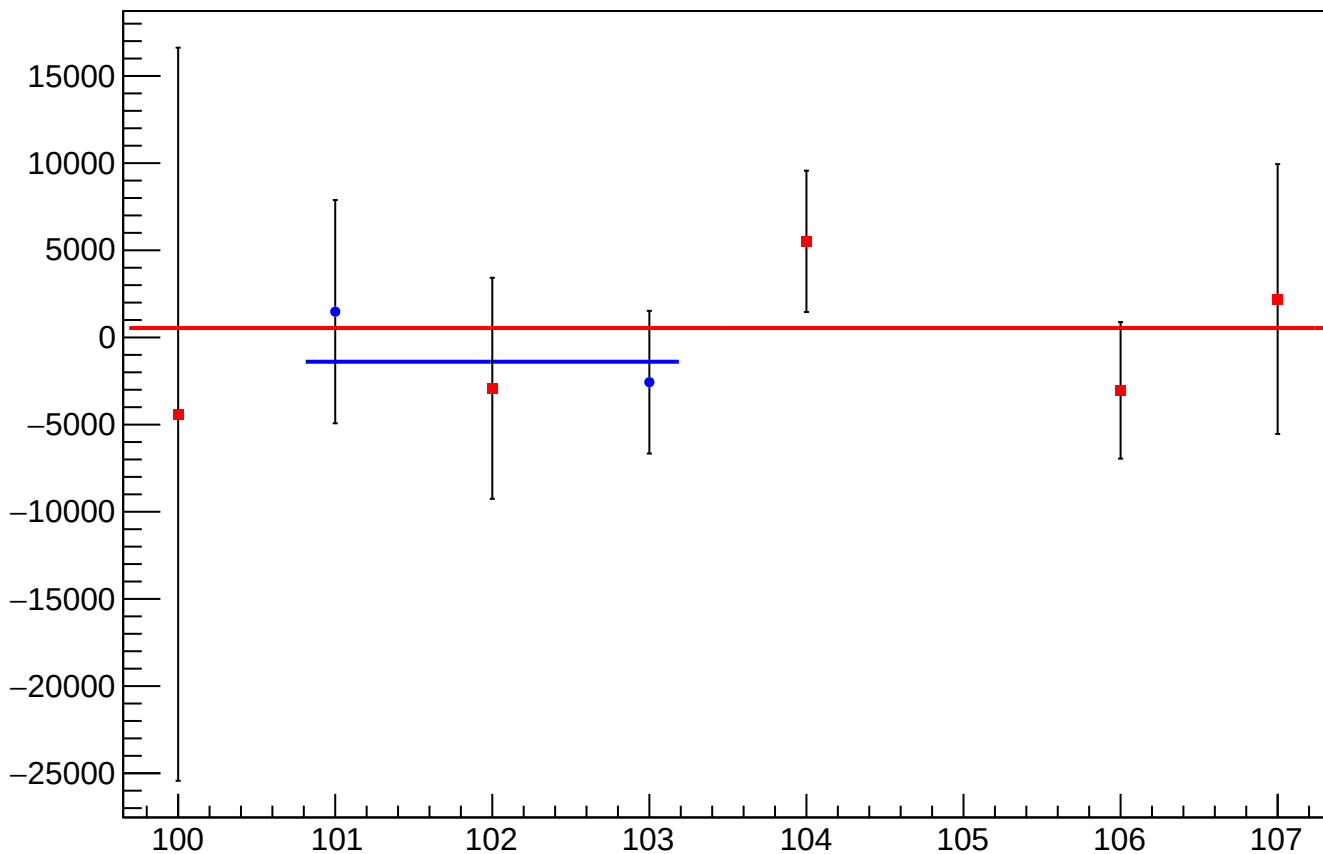
Right: 1430.744+/-0.621 χ^2/NDF : 468912.2/6

In: 1587.027+/-1.045 χ^2/NDF : 219934.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1430.744+/-0.621 χ^2/NDF : 468912.2/6

asym_usr_atr2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1392.355+/-3448.886 χ^2/NDF : 0.3/1

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

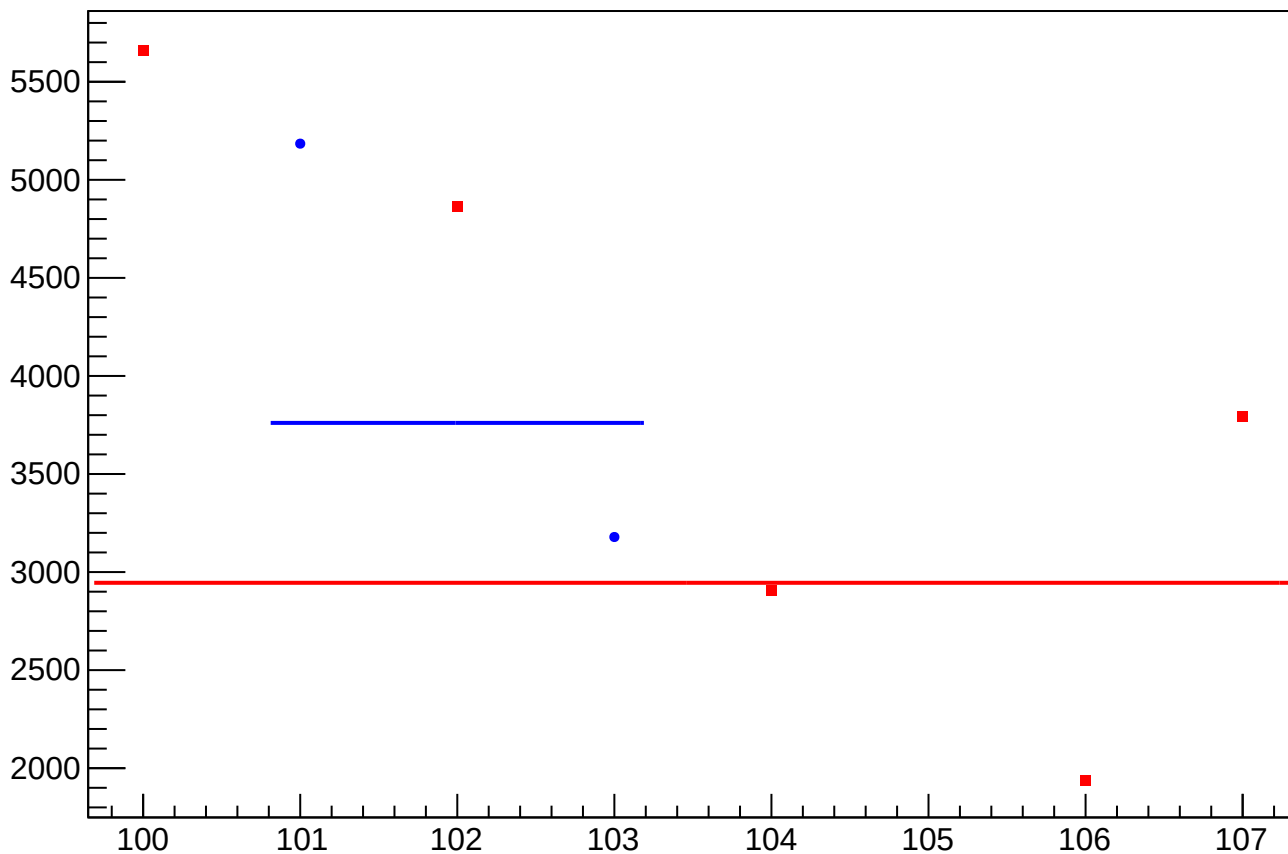
Right: -99.193+/-1984.501 χ^2/NDF : 3.2/6

In: -1392.355+/-3448.886 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -99.193+/-1984.501 χ^2/NDF : 3.2/6

asym_usr_atr2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3760.628+/-2.439 χ^2/NDF : 139297.6/1

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

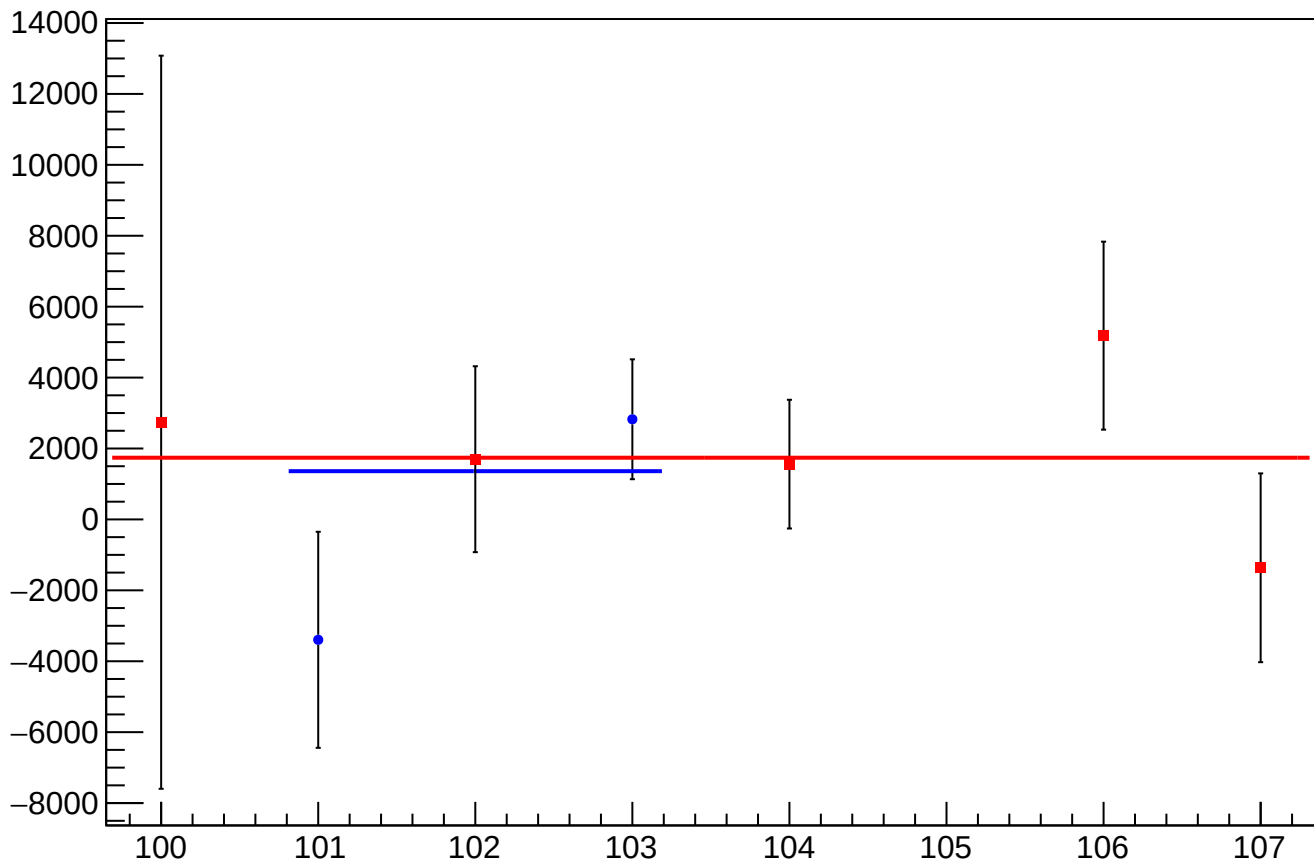
Right: 3215.236+/-1.403 χ^2/NDF : 586487.9/6

In: 3760.628+/-2.439 χ^2/NDF : 139297.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3215.236+/-1.403 χ^2/NDF : 586487.9/6

cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 1360.551 $\pm$ 1478.104 χ^2 /NDF: 3.2/1

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

Right Out: 1740.298 $\pm$ 1161.072 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

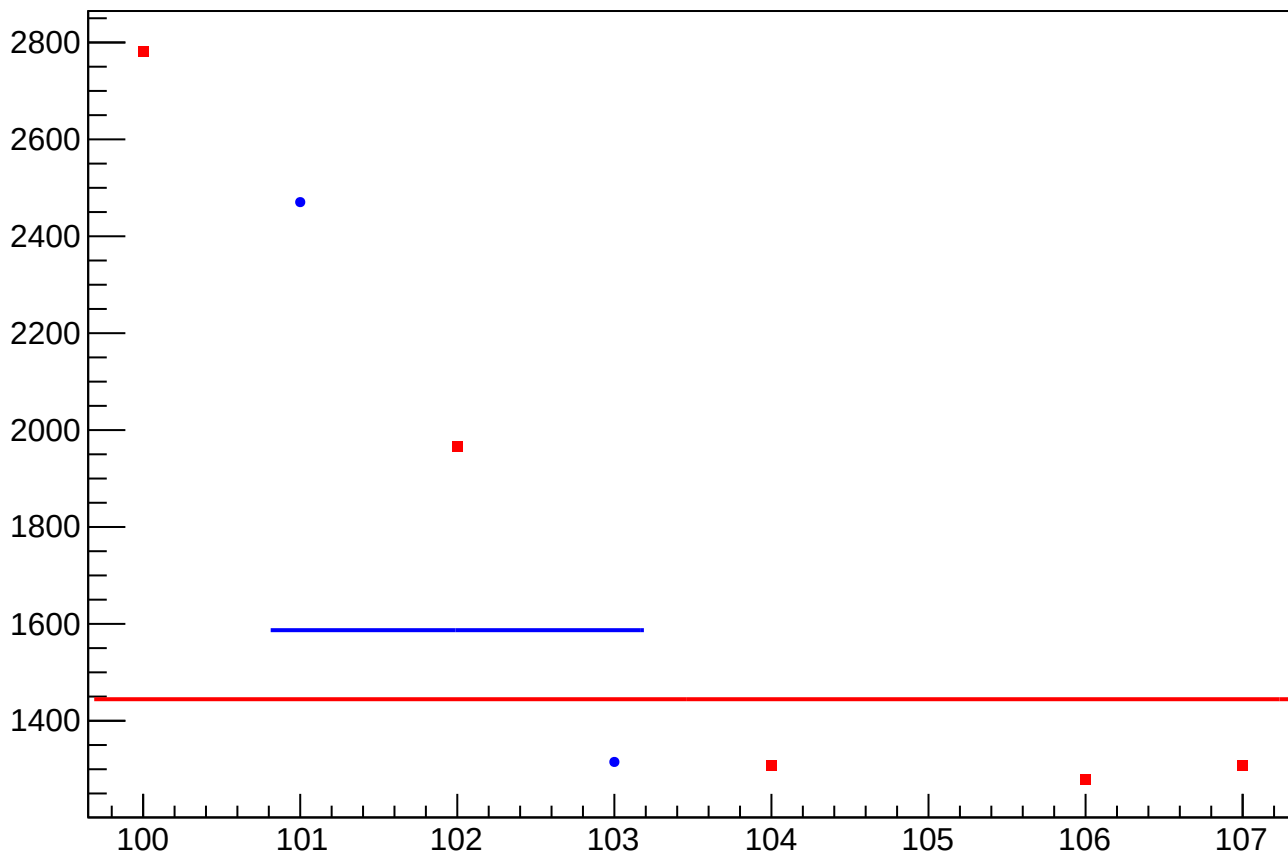
Right: 1595.393 $\pm$ 913.061 χ^2 /NDF: 6.3/6

In: 1360.551 $\pm$ 1478.104 χ^2 /NDF:3.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1595.393 $\pm$ 913.061 χ^2 /NDF: 6.3/6

cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1587.029+/-1.045 χ^2/NDF : 219933.5/1

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

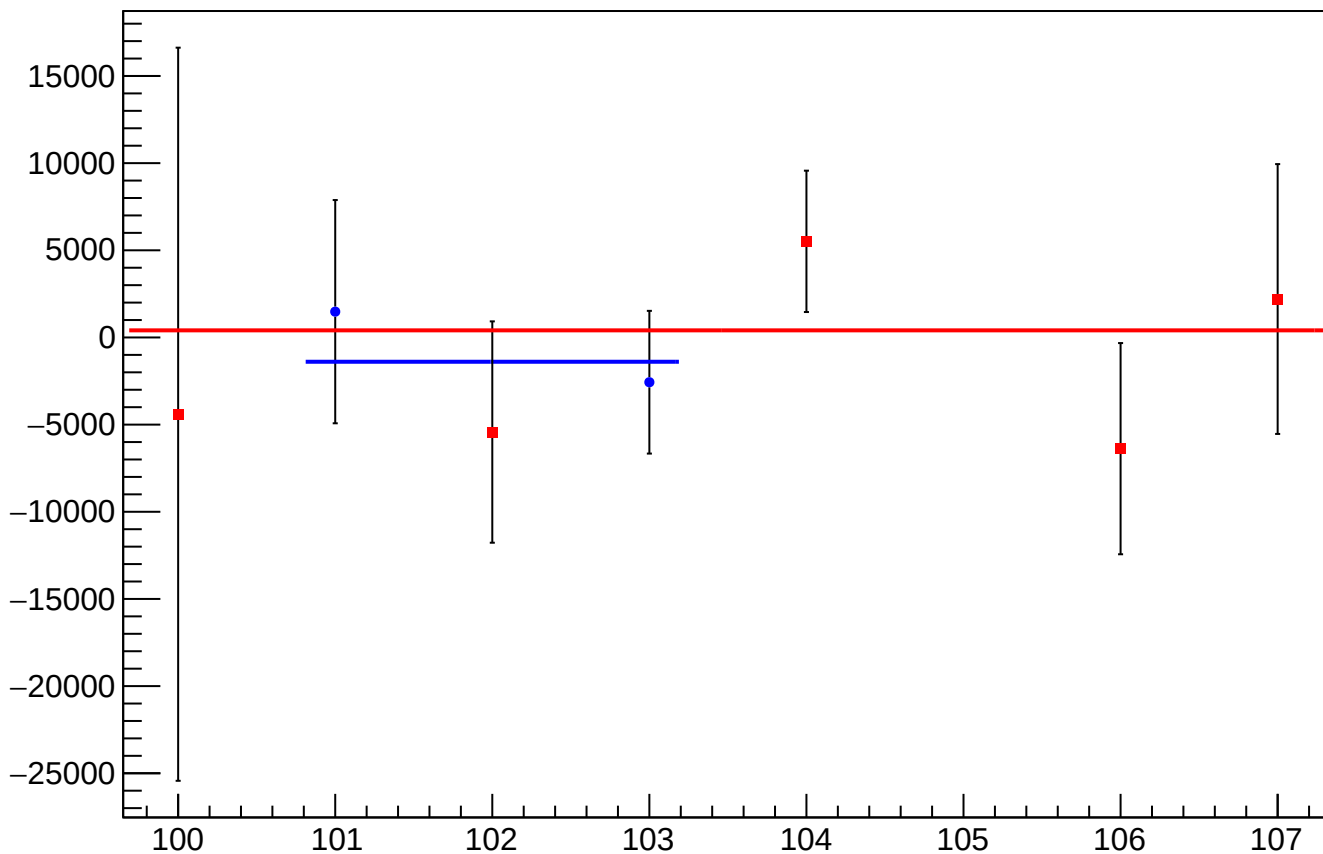
Right: 1497.883+/-0.640 χ^2/NDF : 370166.3/6

In: 1587.029+/-1.045 χ^2/NDF : 219933.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1497.883+/-0.640 χ^2/NDF : 370166.3/6

asym_usr_atr2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1393.379+/-3449.135 χ^2/NDF : 0.3/1

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

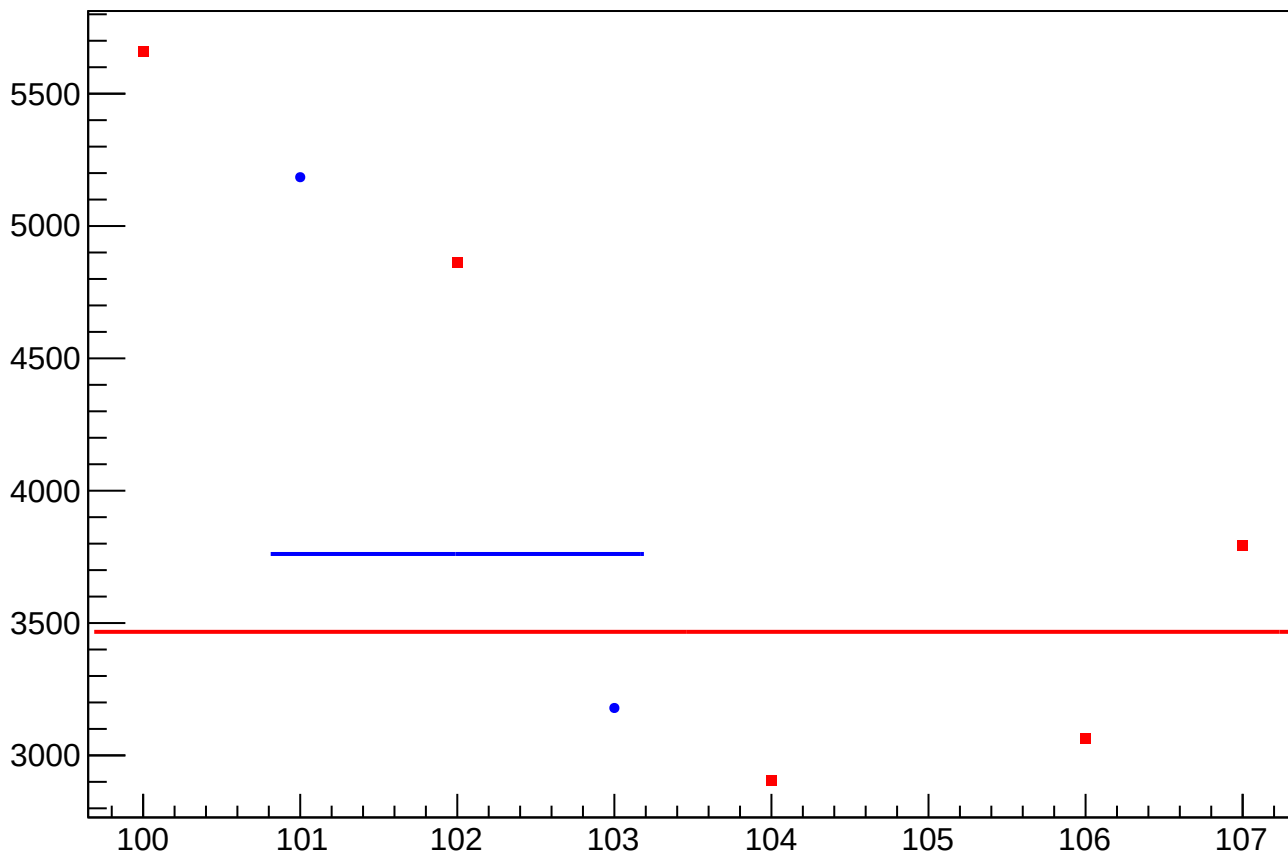
Right: -293.474+/-2152.163 χ^2/NDF : 4.2/6

In: -1393.379+/-3449.135 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -293.474+/-2152.163 χ^2/NDF : 4.2/6

asym_usr_atr2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3760.959+/-2.439 χ^2/NDF : 139240.8/1

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

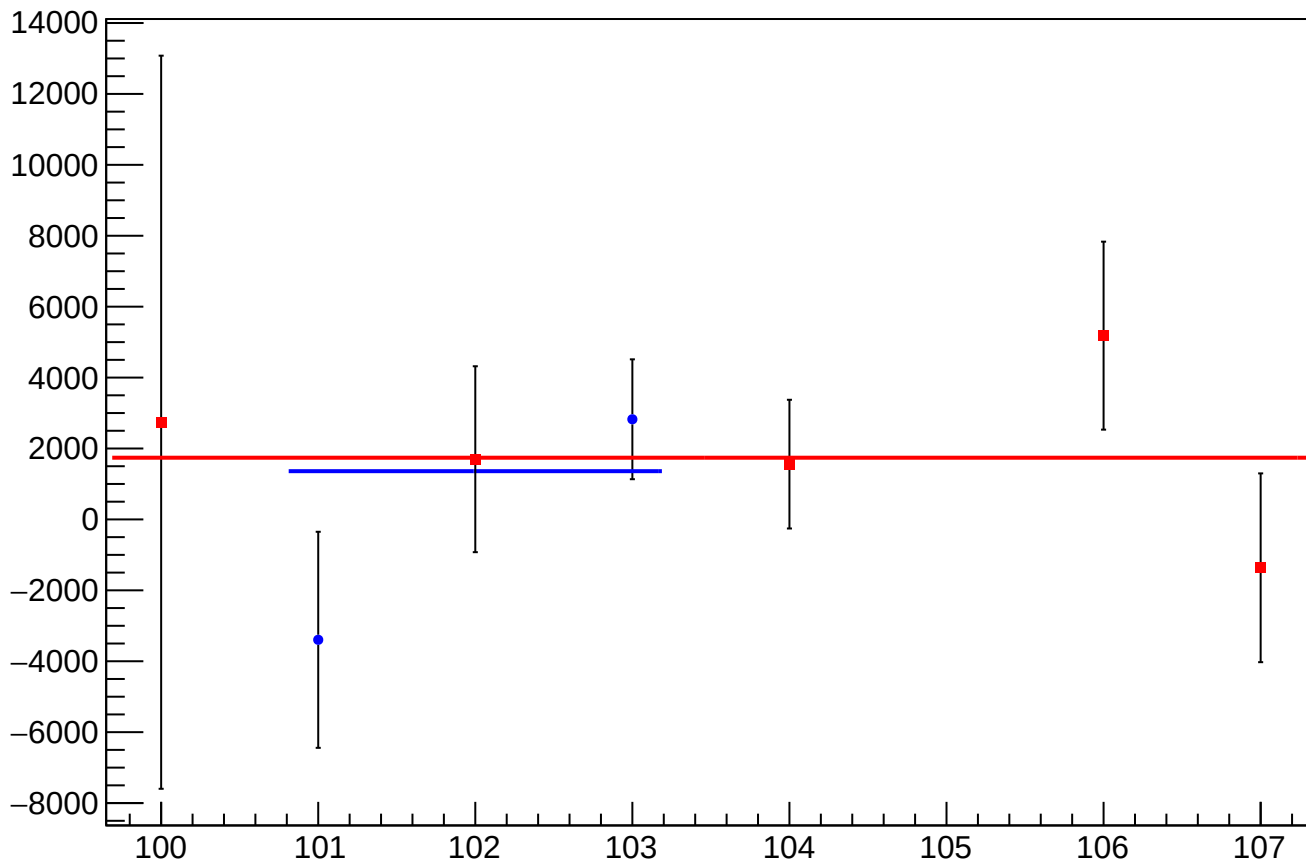
Right: 3581.331+/-1.522 χ^2/NDF : 316809.7/6

In: 3760.959+/-2.439 χ^2/NDF : 139240.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3581.331+/-1.522 χ^2/NDF : 316809.7/6

eigen_cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 1360.551+/-1478.104 χ^2/NDF : 3.2/1

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

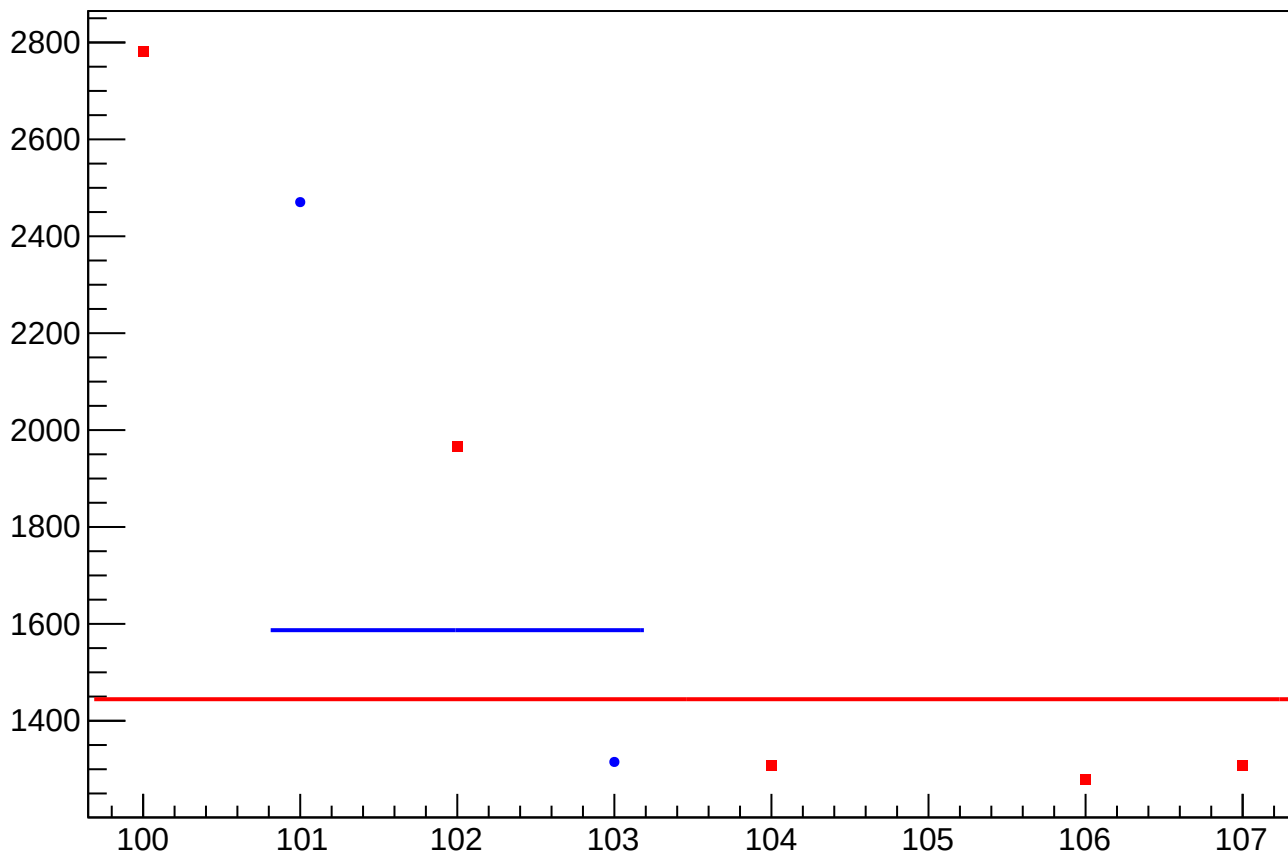
Right: 1595.393+/-913.061 χ^2/NDF : 6.3/6

In: 1360.551+/-1478.104 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1595.393+/-913.061 χ^2/NDF : 6.3/6

eigen_cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1587.029+/-1.045 χ^2/NDF : 219933.5/1

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

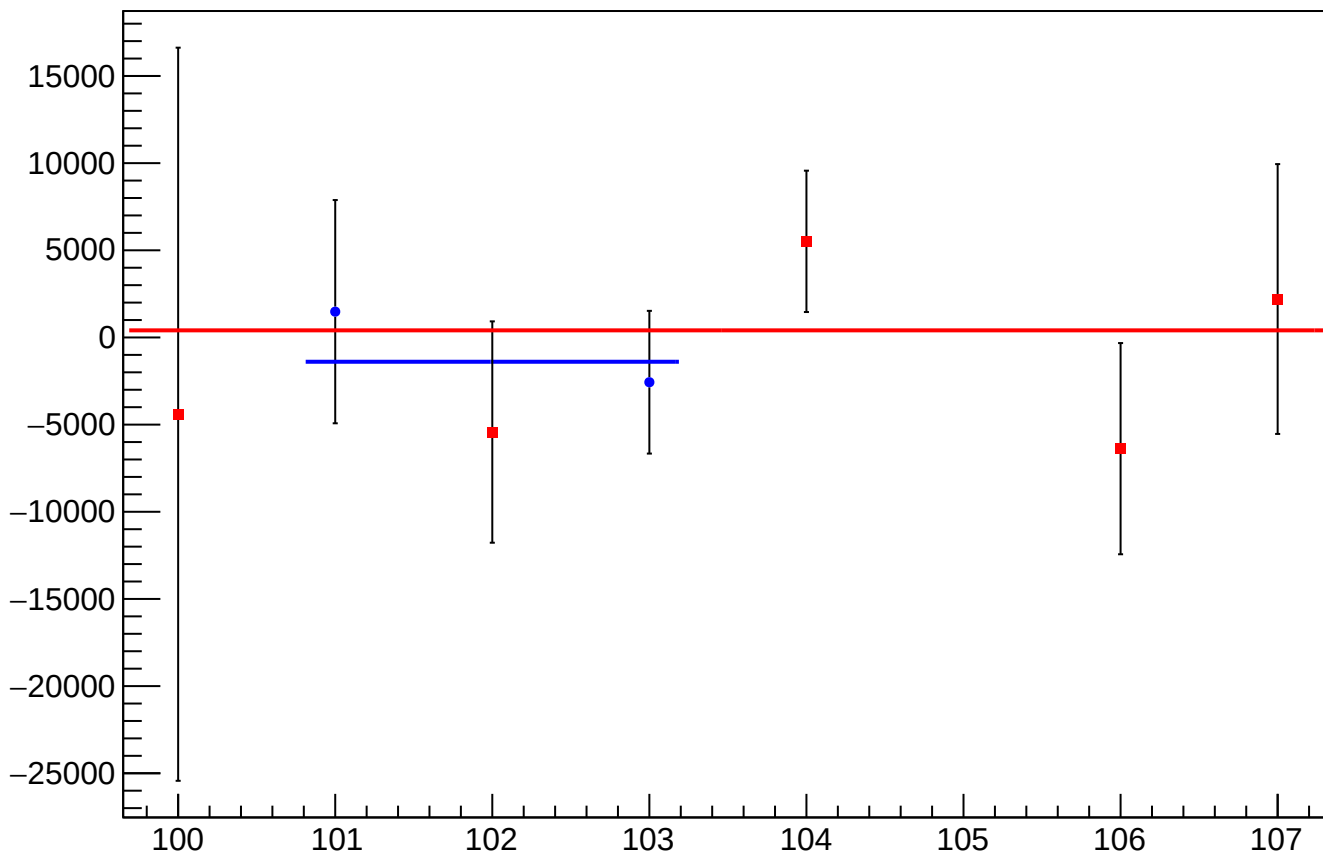
Right: 1497.883+/-0.640 χ^2/NDF : 370166.3/6

In: 1587.029+/-1.045 χ^2/NDF : 219933.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1497.883+/-0.640 χ^2/NDF : 370166.3/6

asym_usr_atr2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1393.379+/-3449.135 χ^2/NDF : 0.3/1

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

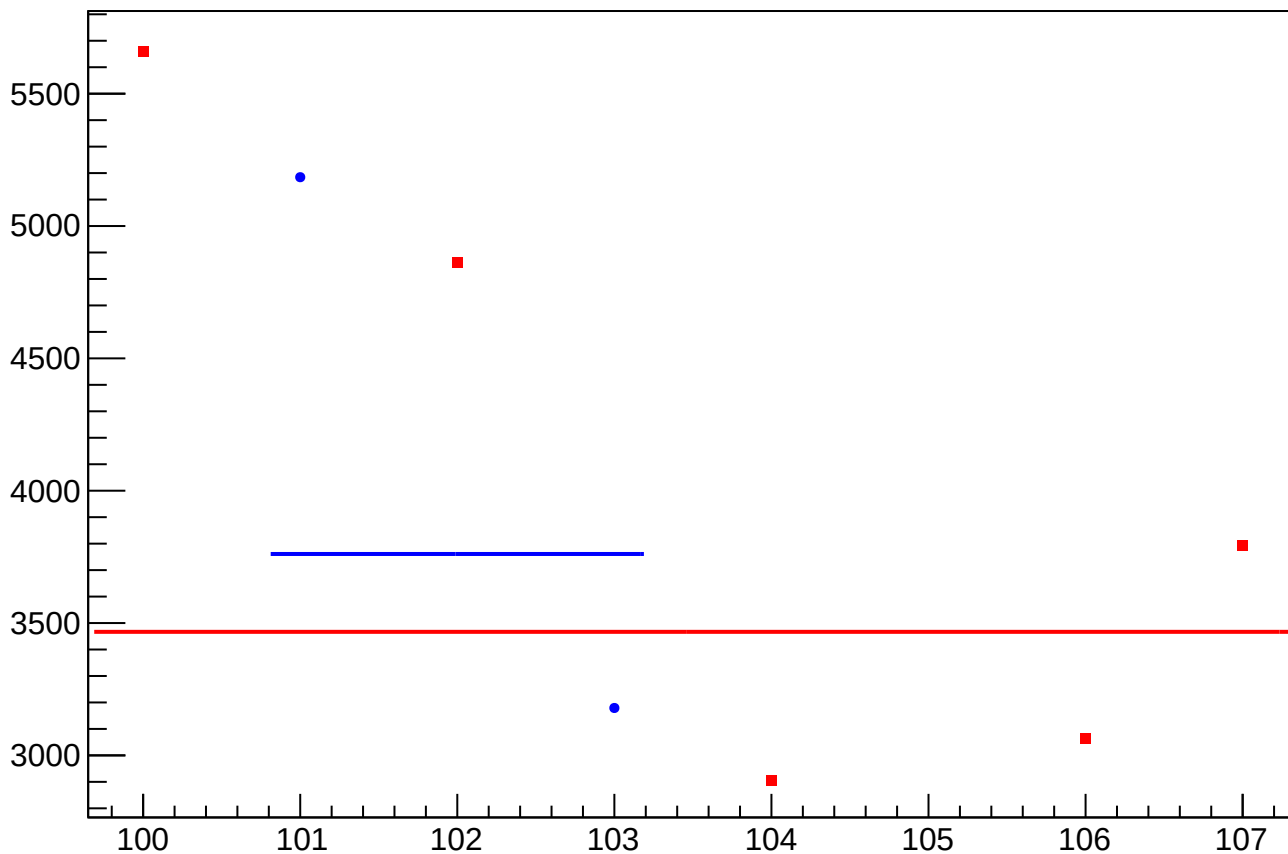
Right: -293.474+/-2152.163 χ^2/NDF : 4.2/6

In: -1393.379+/-3449.135 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -293.474+/-2152.163 χ^2/NDF : 4.2/6

asym_usr_atr2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3760.959+/-2.439 χ^2/NDF : 139240.8/1

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

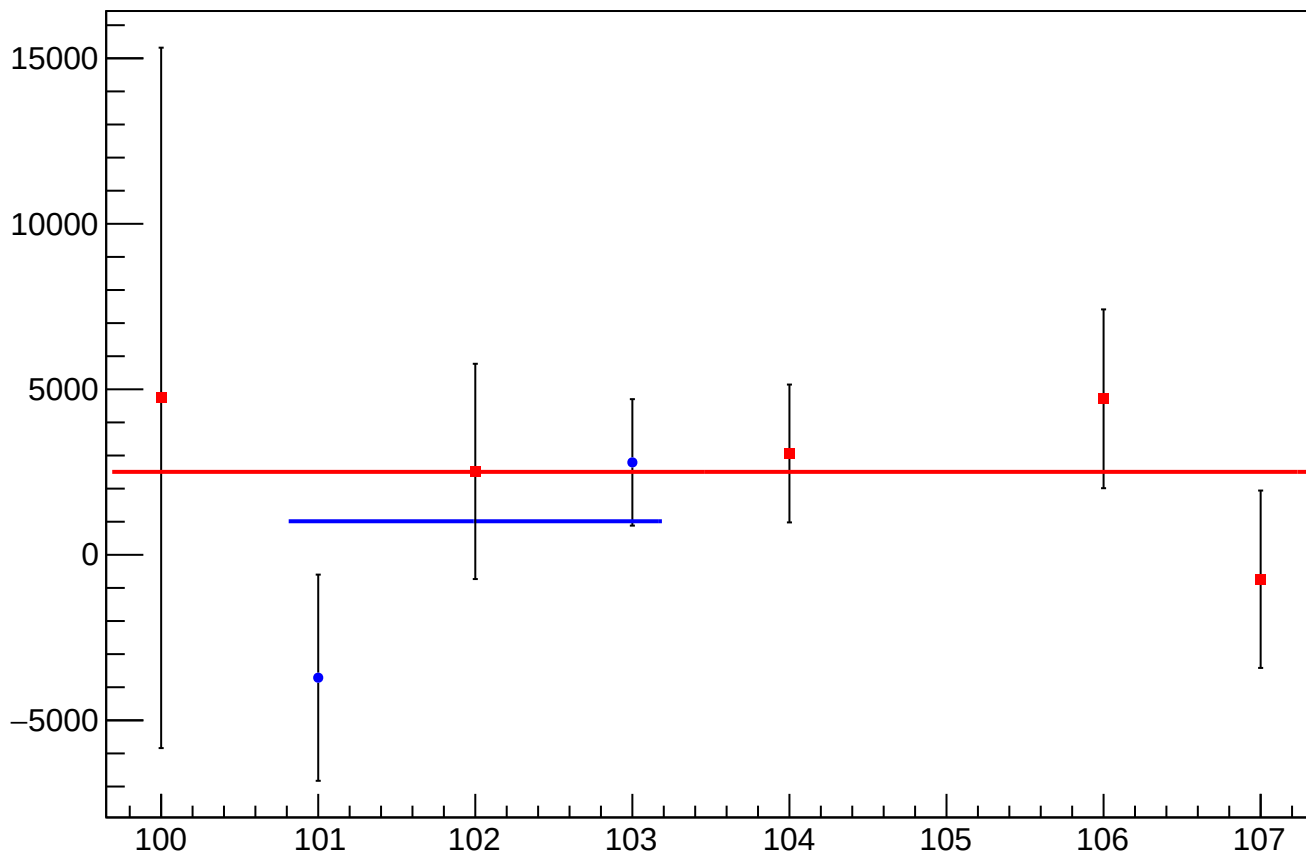
Right: 3581.331+/-1.522 χ^2/NDF : 316809.7/6

In: 3760.959+/-2.439 χ^2/NDF : 139240.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3581.331+/-1.522 χ^2/NDF : 316809.7/6

dit_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 1013.987+/-1628.473 χ^2/NDF : 3.2/1

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

Right Out: 2506.173+/-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

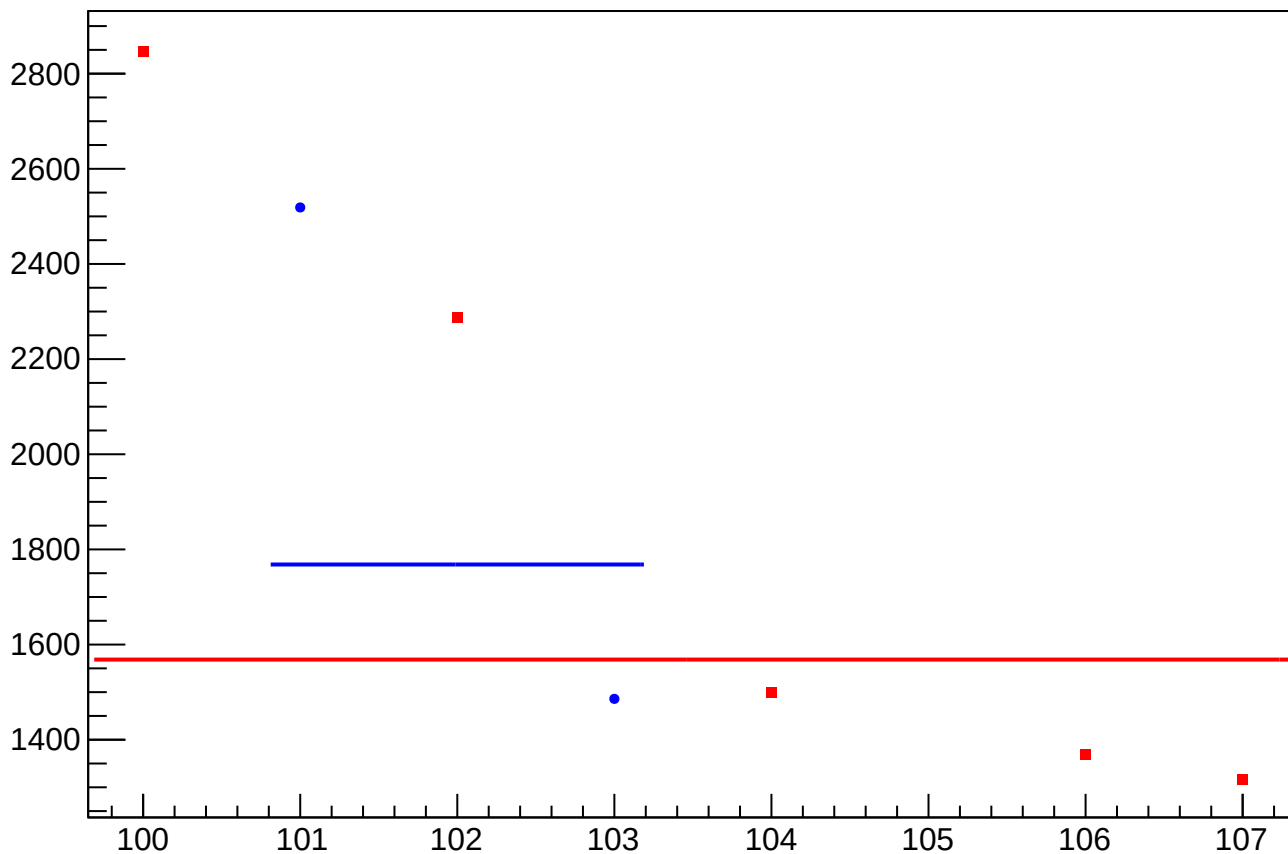
Right: 1936.442+/-1006.246 χ^2/NDF : 5.9/6

In: 1013.987+/-1628.473 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1936.442+/-1006.246 χ^2/NDF : 5.9/6

dit_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1768.304+/-1.152 χ^2/NDF : 159821.4/1

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

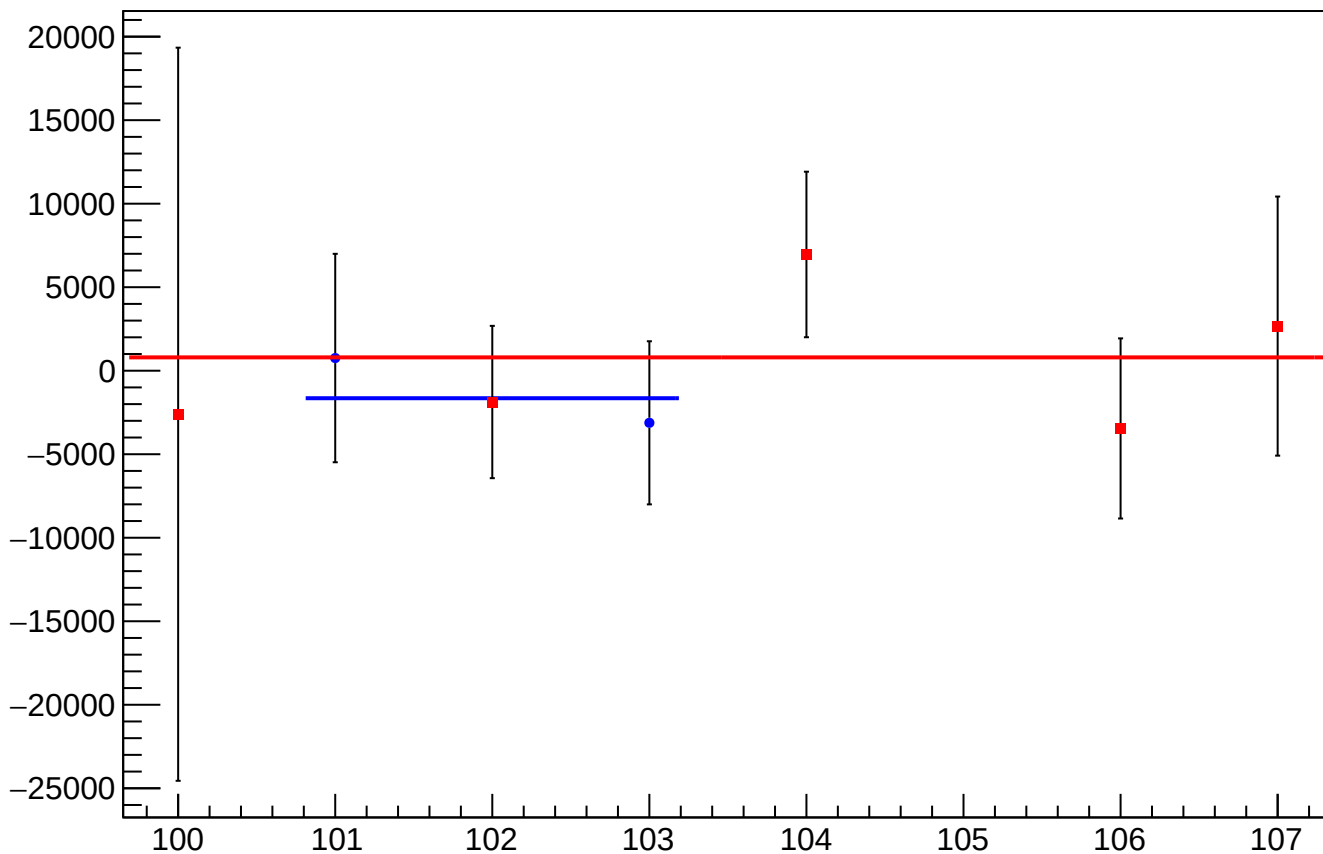
Right: 1644.412+/-0.710 χ^2/NDF : 336890.1/6

In: 1768.304+/-1.152 χ^2/NDF : 159821.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1644.412+/-0.710 χ^2/NDF : 336890.1/6

asym_usr_atr2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1646.596+/-3845.346 χ^2/NDF : 0.2/1

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

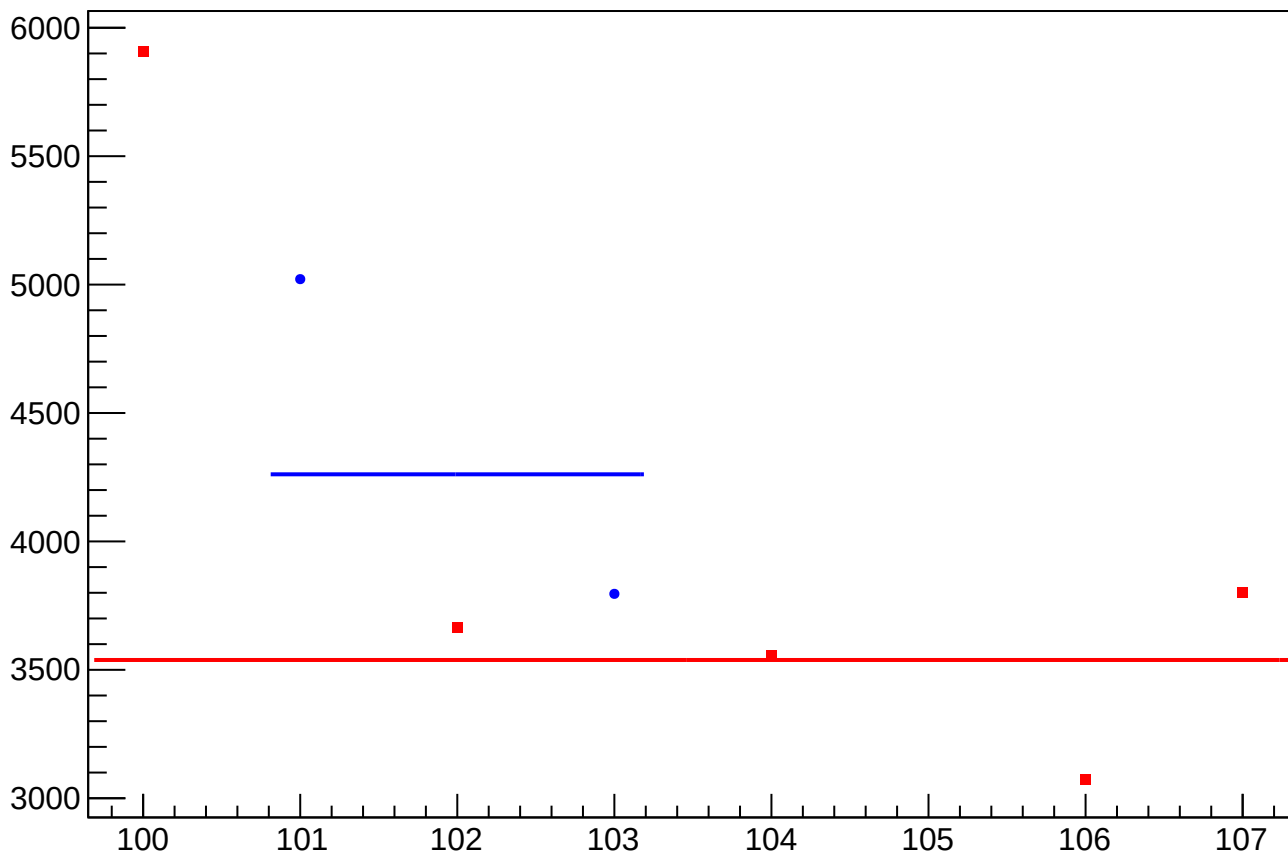
Right: 9.342+/-2184.558 χ^2/NDF : 3.1/6

In: -1646.596+/-3845.346 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.342+/-2184.558 χ^2/NDF : 3.1/6

asym_usr_atr2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4261.298+/-2.719 χ^2/NDF : 47839.6/1

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

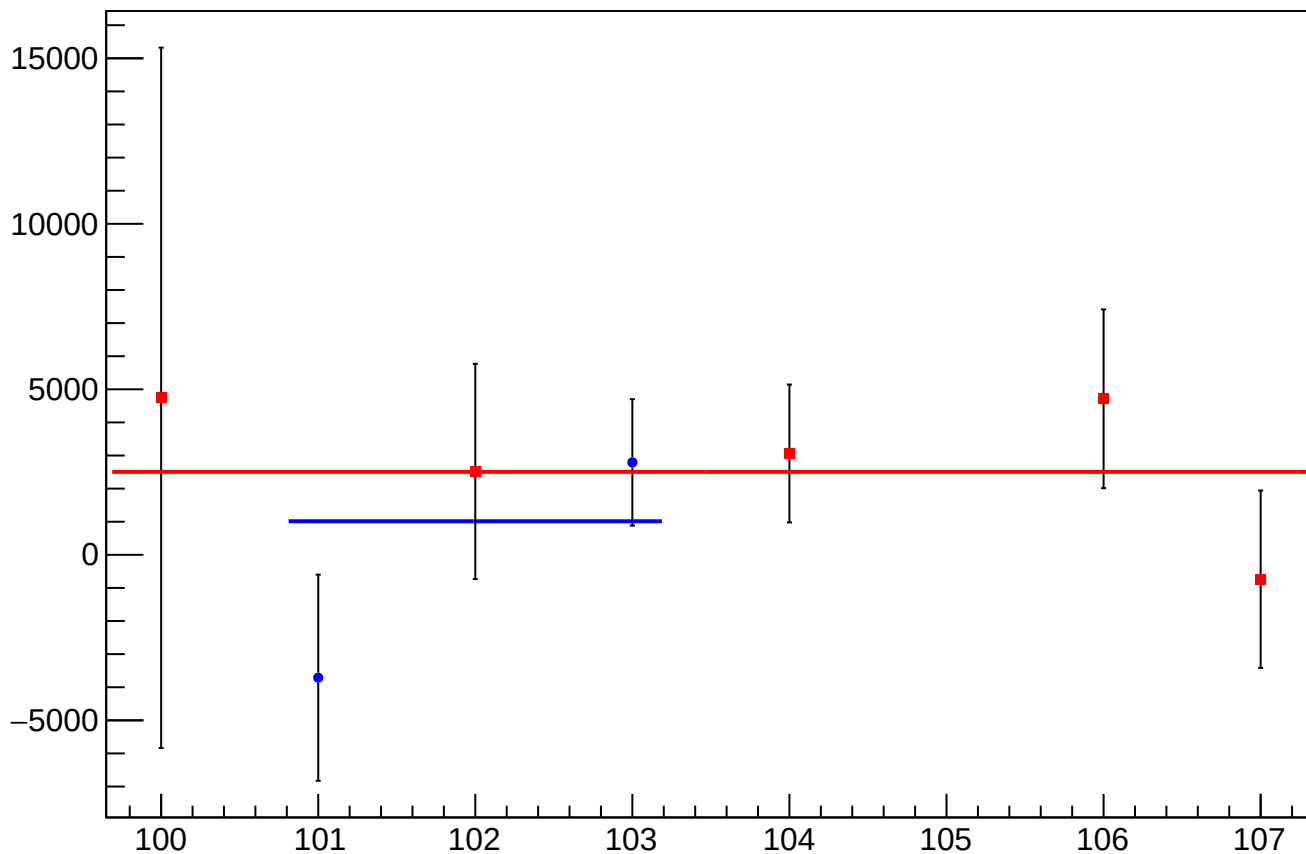
Right: 3771.675+/-1.545 χ^2/NDF : 137843.5/6

In: 4261.298+/-2.719 χ^2/NDF : 47839.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3771.675+/-1.545 χ^2/NDF : 137843.5/6

eigen_dit_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 1013.973+/-1628.473 χ^2/NDF : 3.2/1

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

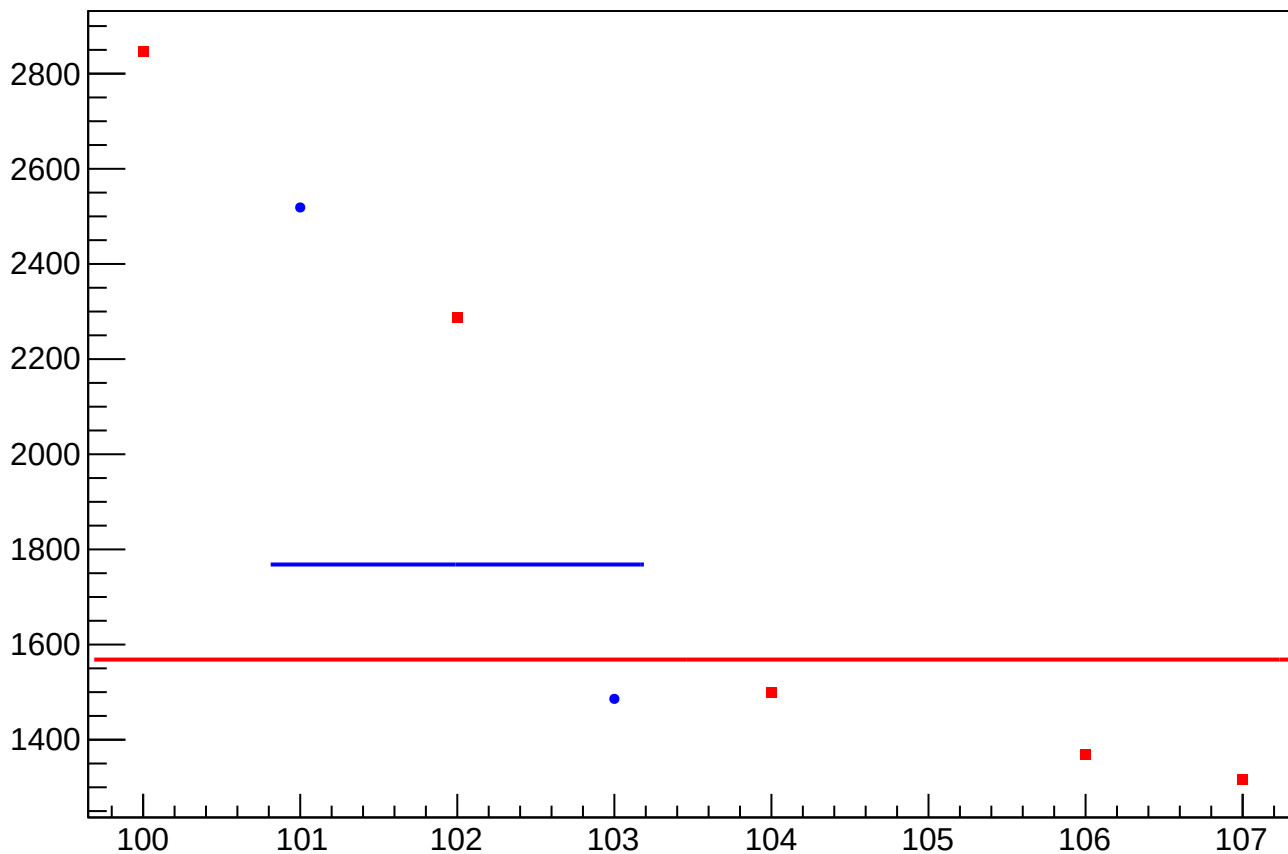
Right: 1936.433+/-1006.246 χ^2/NDF : 5.9/6

In: 1013.973+/-1628.473 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1936.433+/-1006.246 χ^2/NDF : 5.9/6

eigen_dit_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1768.303+/-1.152 χ^2/NDF : 159821.8/1

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

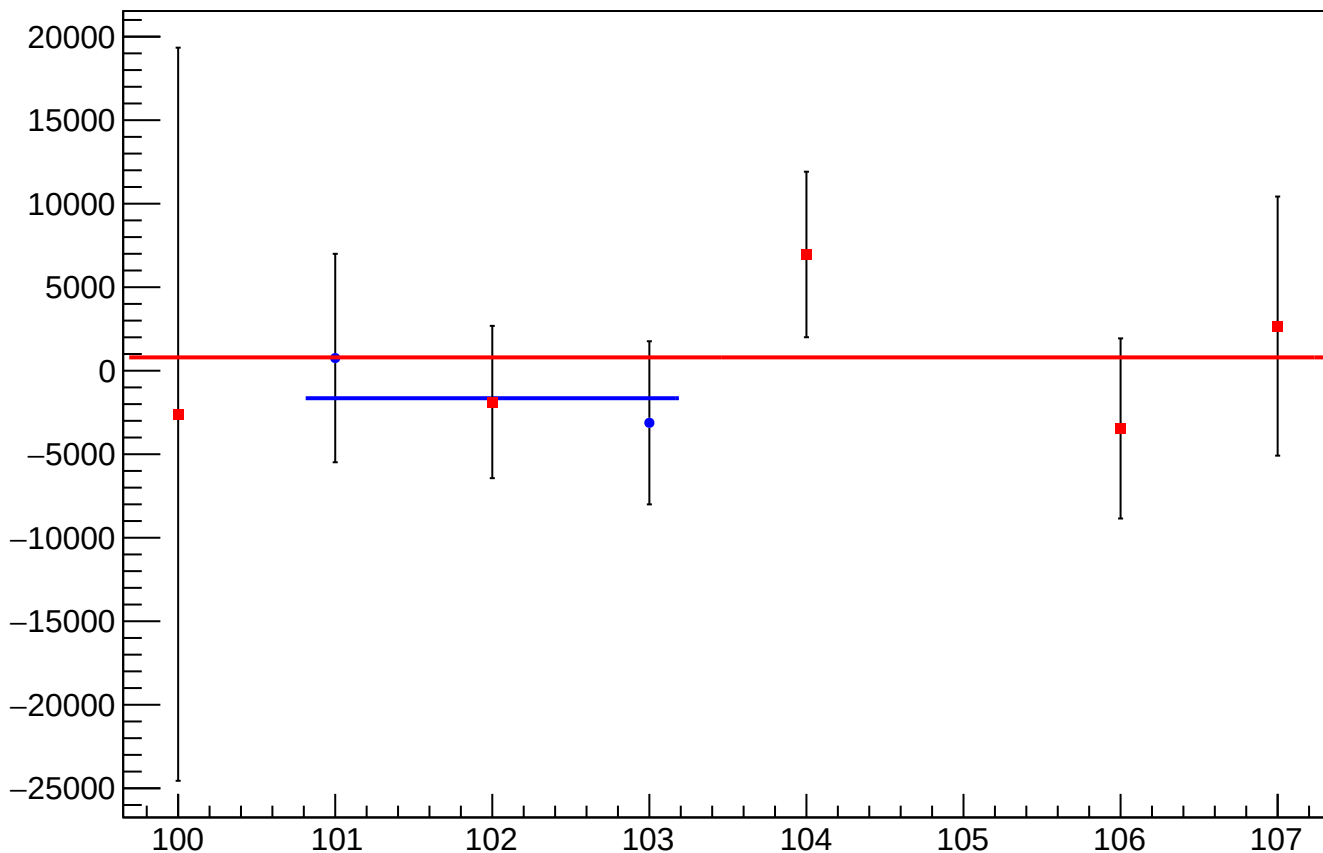
Right: 1644.411+/-0.710 χ^2/NDF : 336890.0/6

In: 1768.303+/-1.152 χ^2/NDF : 159821.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1644.411+/-0.710 χ^2/NDF : 336890.0/6

asym_usr_atr2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1646.609+/-3845.343 χ^2/NDF : 0.2/1

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

Right Out: 798.466+/-2654.521 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

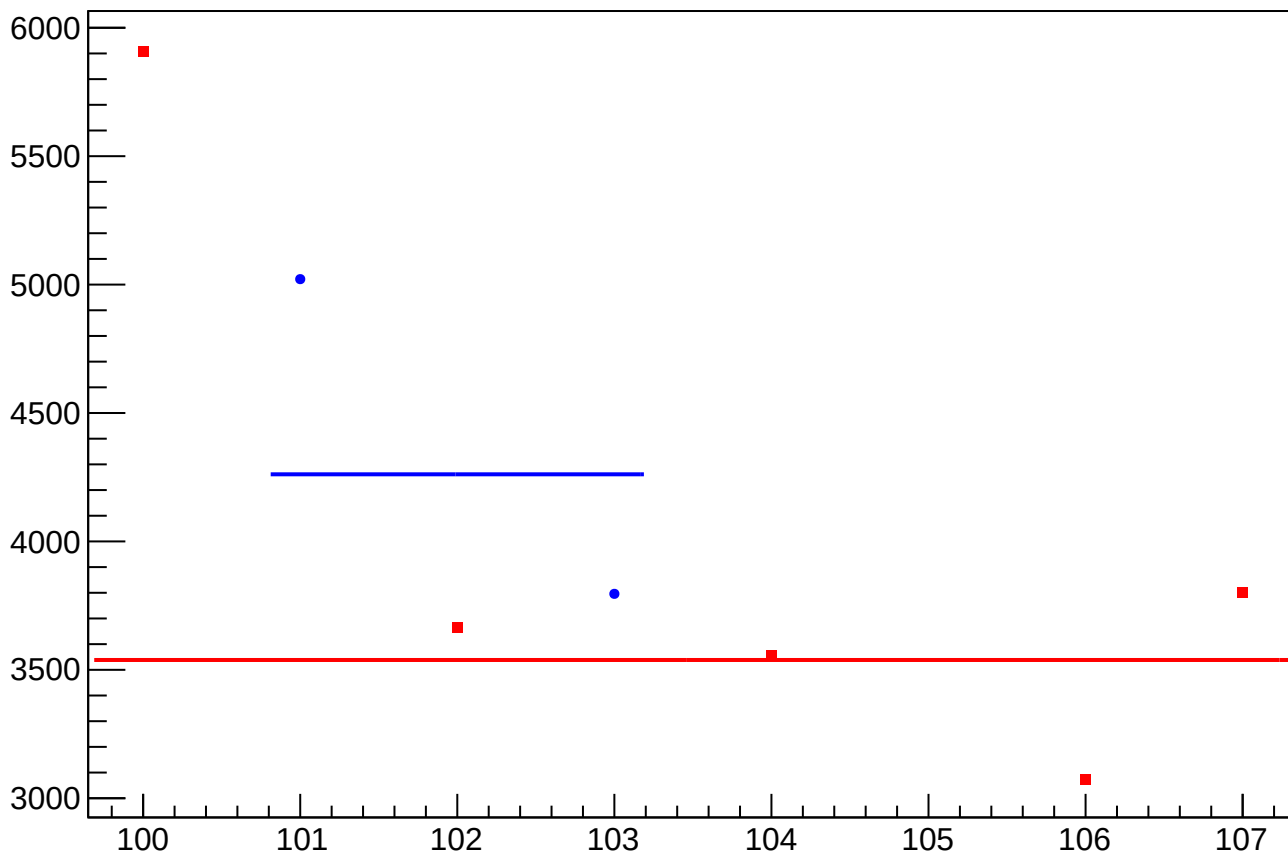
Right: 9.337+/-2184.556 χ^2/NDF : 3.1/6

In: -1646.609+/-3845.343 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.337+/-2184.556 χ^2/NDF : 3.1/6

asym_usr_atr2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4261.295+/-2.719 χ^2/NDF : 47839.3/1

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

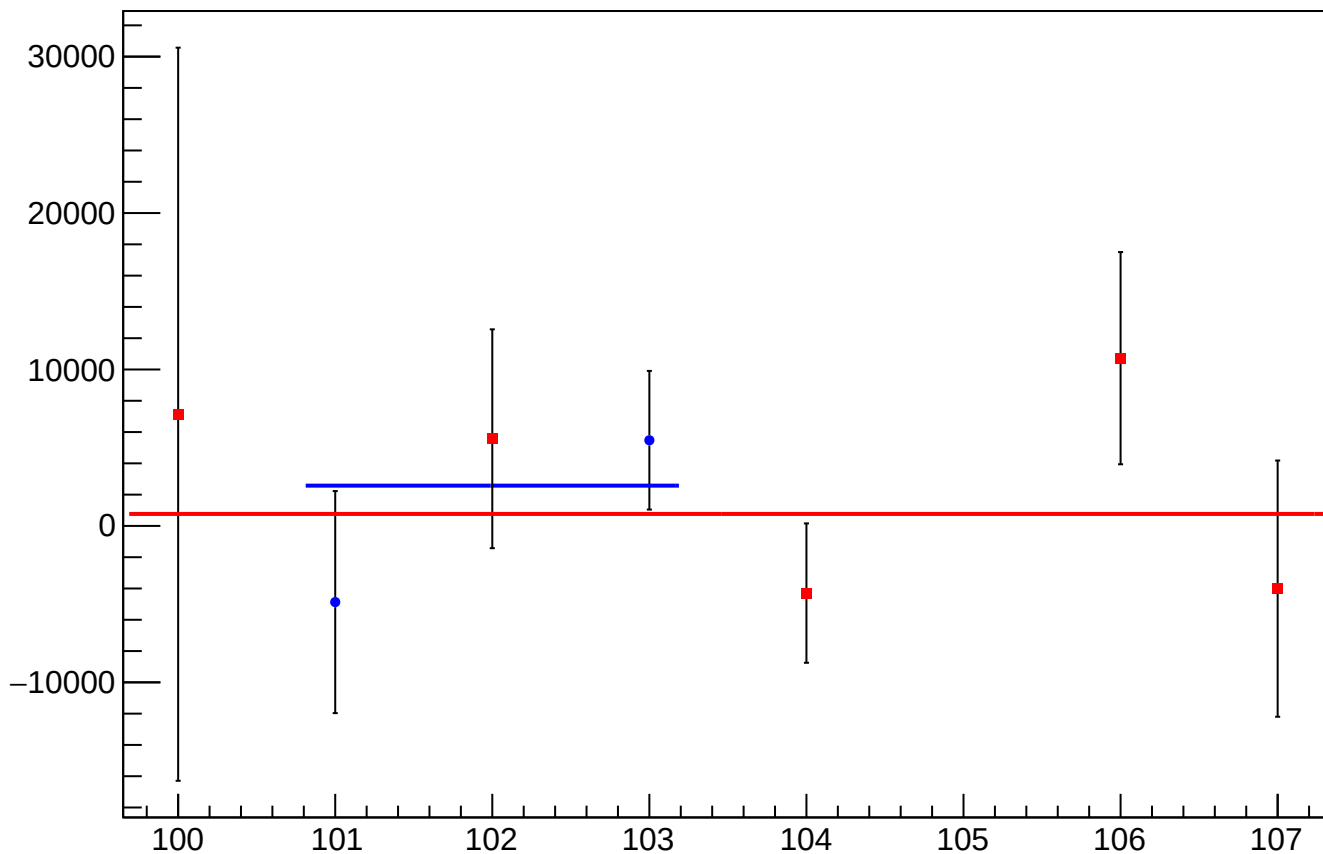
Right: 3771.672+/-1.545 χ^2/NDF : 137843.5/6

In: 4261.295+/-2.719 χ^2/NDF : 47839.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3771.672+/-1.545 χ^2/NDF : 137843.5/6

asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 2574.720+/-3759.215 χ^2 /NDF: 1.5/1

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

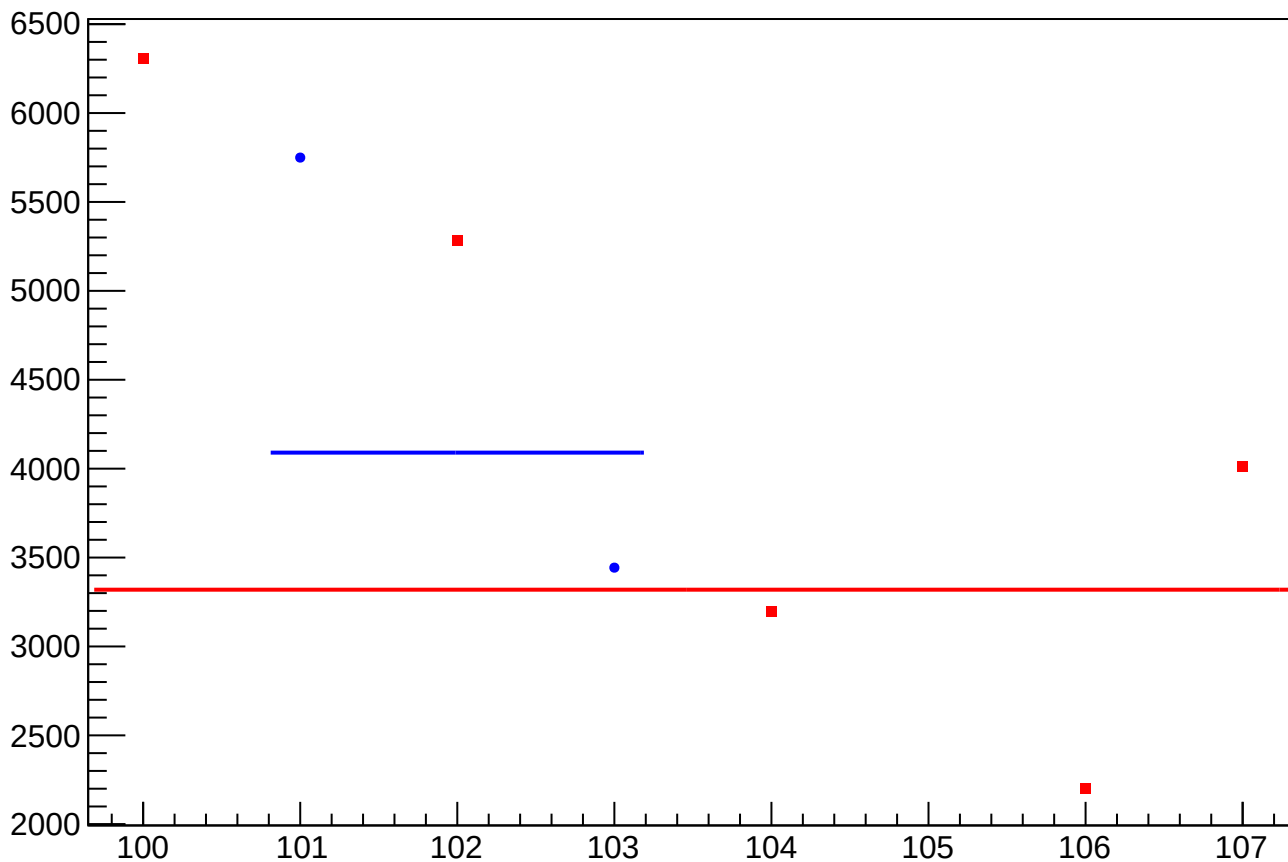
Right: 1477.162+/-2356.666 χ^2 /NDF: 6.0/6

In: 2574.720+/-3759.215 χ^2 /NDF: 1.5/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1477.162+/-2356.666 χ^2 /NDF: 6.0/6

asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 4090.184+/-2.658 χ^2/NDF : 151919.8/1

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

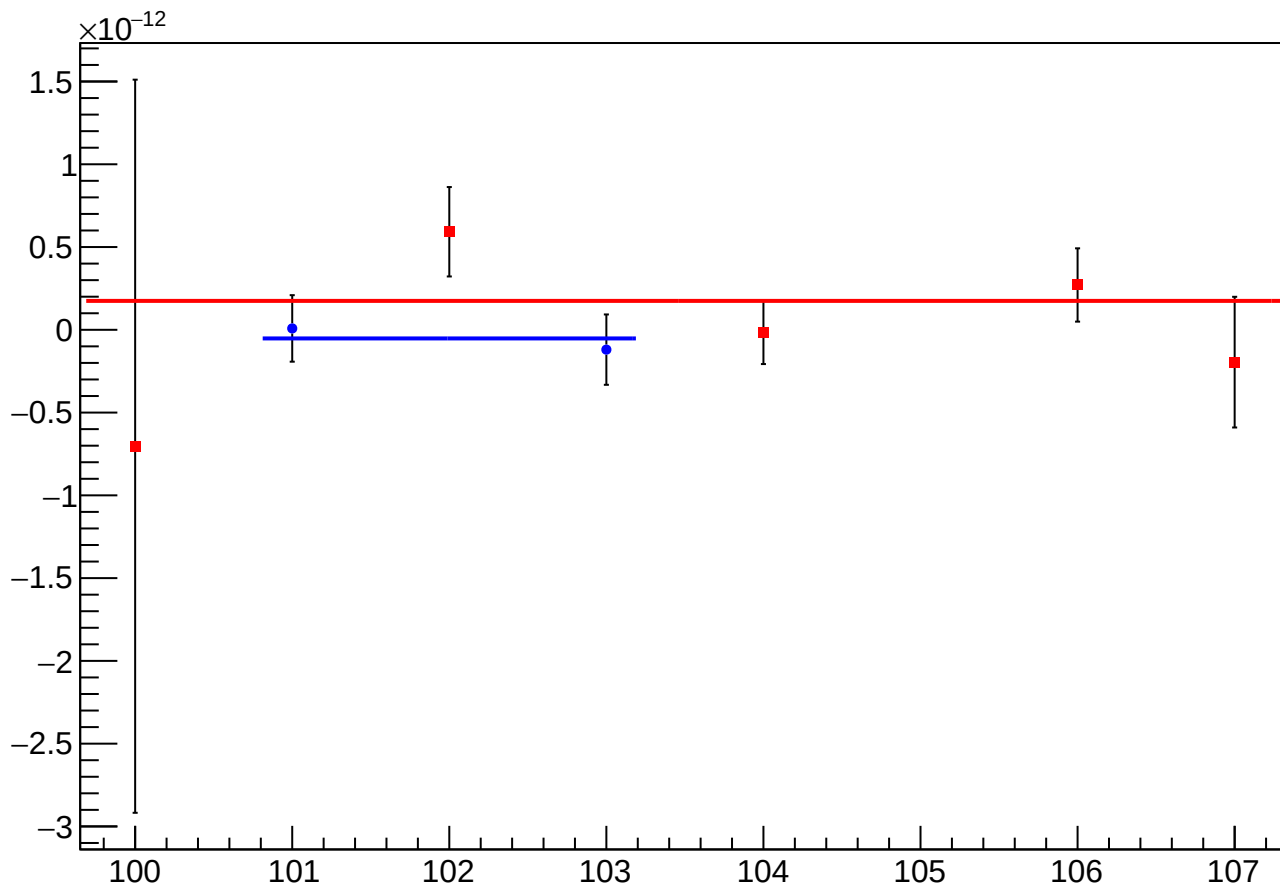
Right: 3588.039+/-1.570 χ^2/NDF : 524093.8/6

In: 4090.184+/-2.658 χ^2/NDF : 151919.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3588.039+/-1.570 χ^2/NDF : 524093.8/6

asym_usr_atr2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.2/1

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

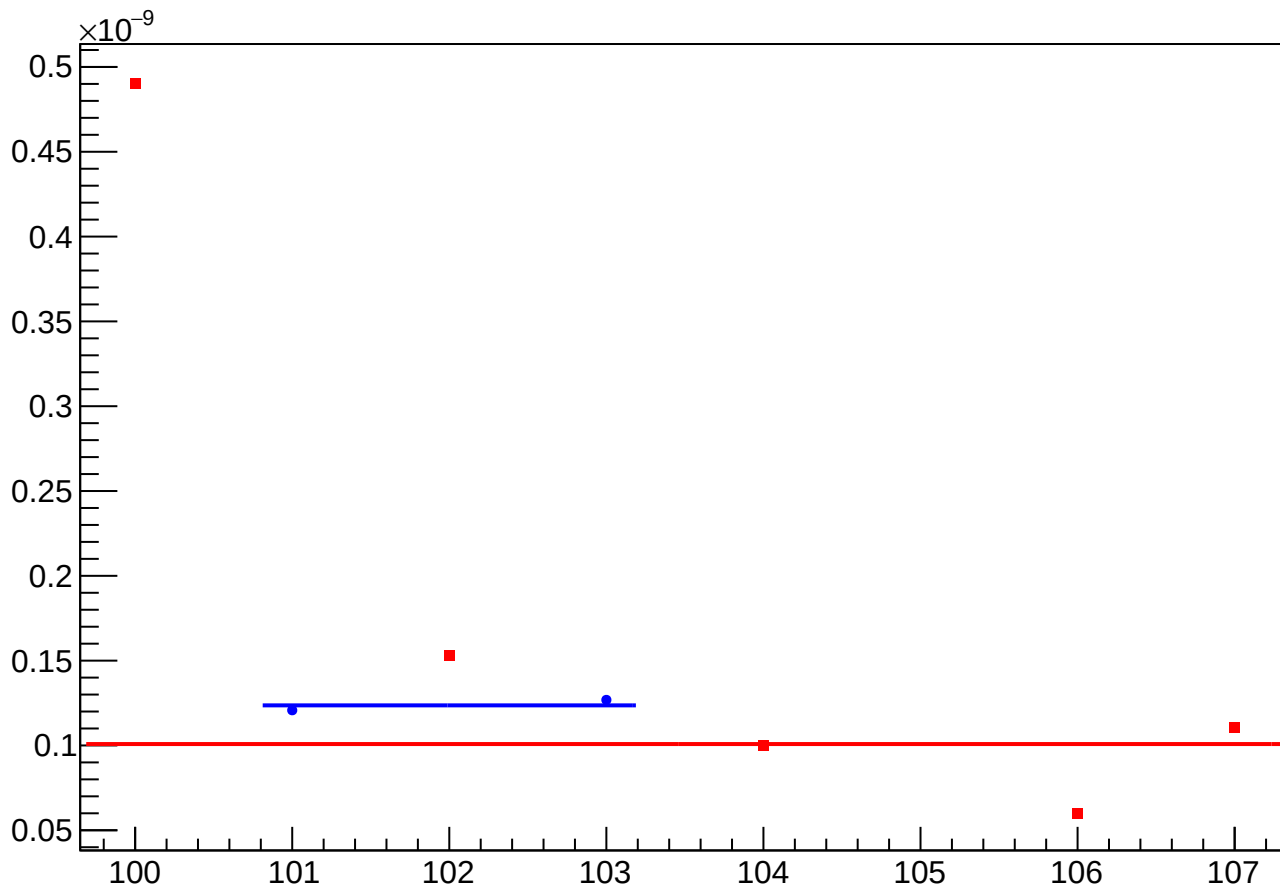
Right: 0.000+/-0.000 χ^2 /NDF: 6.2/6

In: -0.000+/-0.000 χ^2 /NDF:0.2/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 6.2/6

asym_usr_atr2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 869.6/1

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

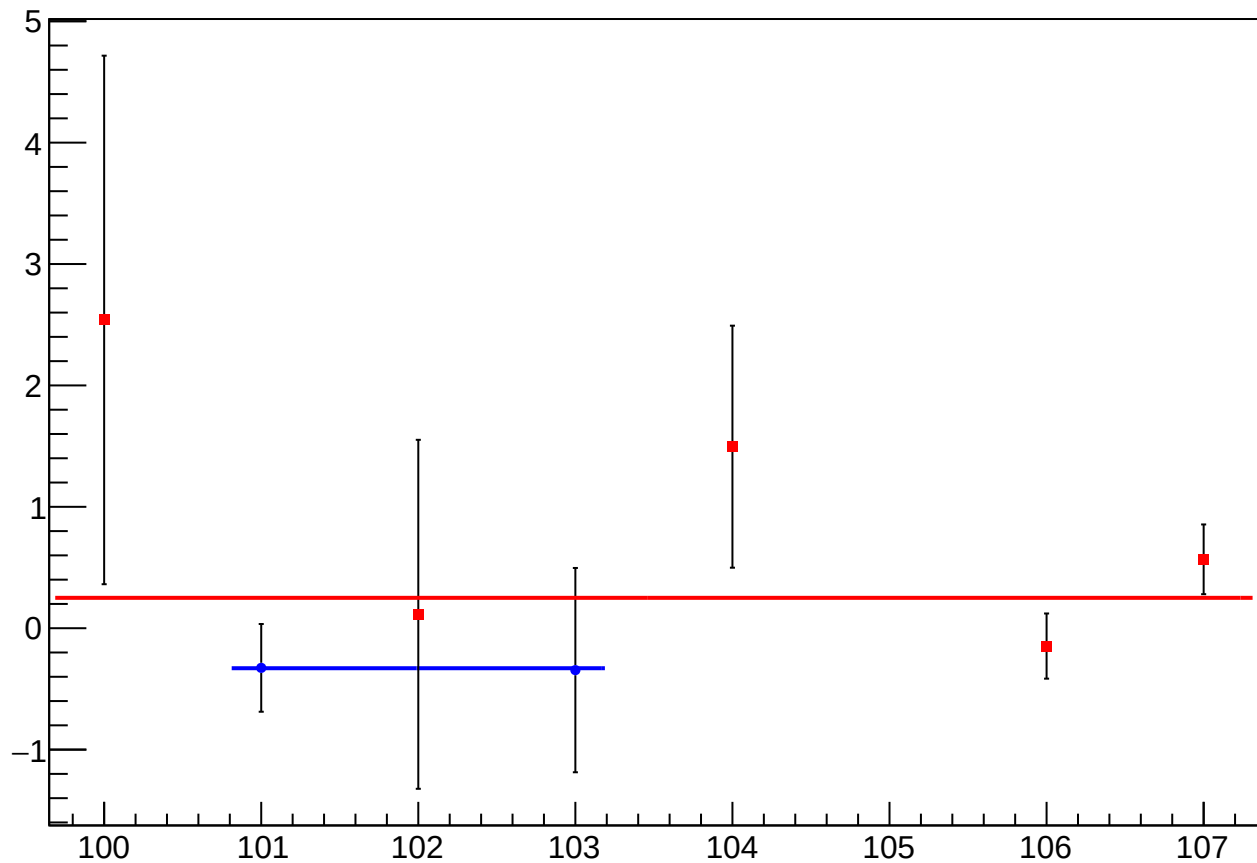
Right: 0.000+/-0.000 χ^2/NDF : 236562.9/6

In: 0.000+/-0.000 χ^2/NDF : 869.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 236562.9/6

asym_usr_atr2_avg_dit_vs_slug, Sign Corrected



Right In: -0.330+/-0.332 χ^2/NDF : 0.0/1

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

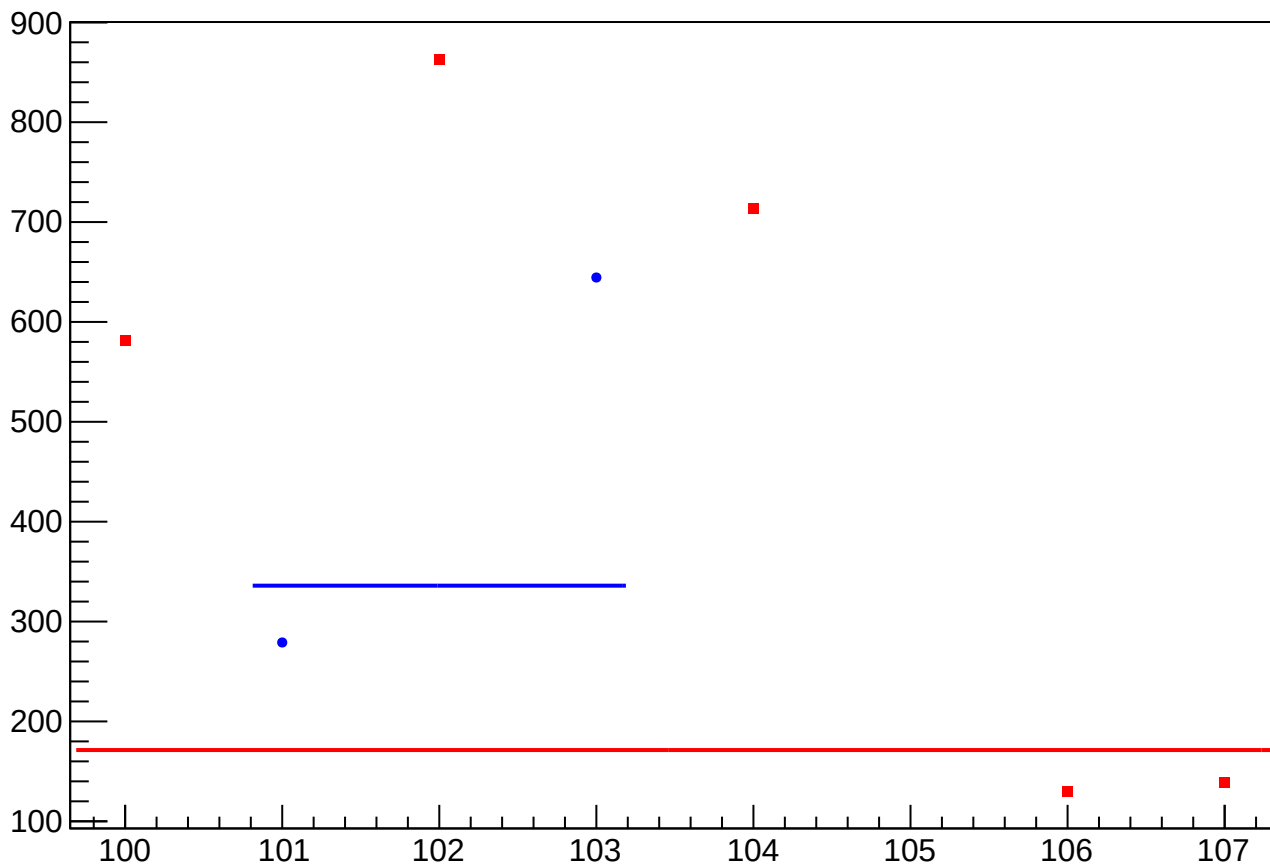
Right: 0.107+/-0.165 χ^2/NDF : 8.4/6

In: -0.330+/-0.332 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.107+/-0.165 χ^2/NDF : 8.4/6

asym_usr_atr2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 335.939+/-0.235 χ^2/NDF : 318480.7/1

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

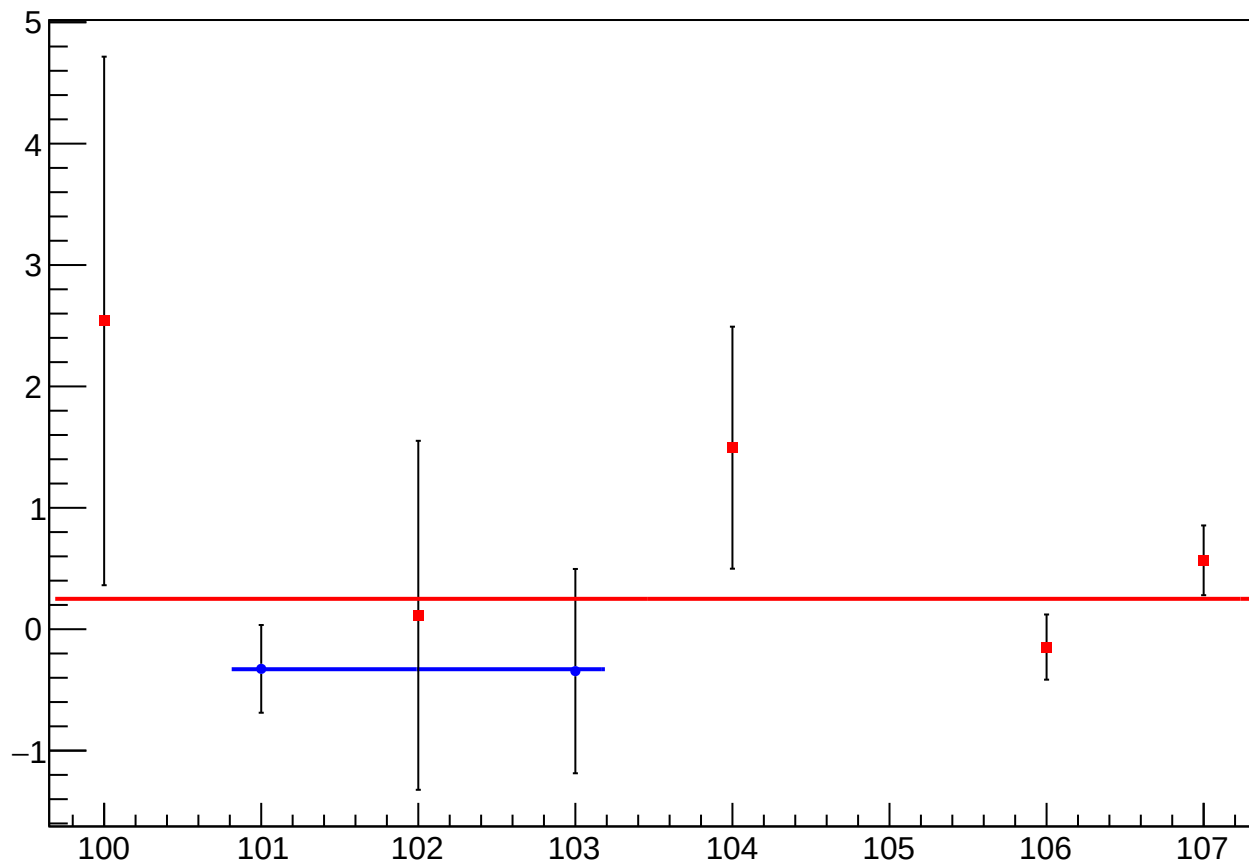
Right: 211.953+/-0.117 χ^2/NDF : 1886654.8/6

In: 335.939+/-0.235 χ^2/NDF : 318480.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 211.953+/-0.117 χ^2/NDF : 1886654.8/6

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.330+/-0.332 χ^2/NDF : 0.0/1

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

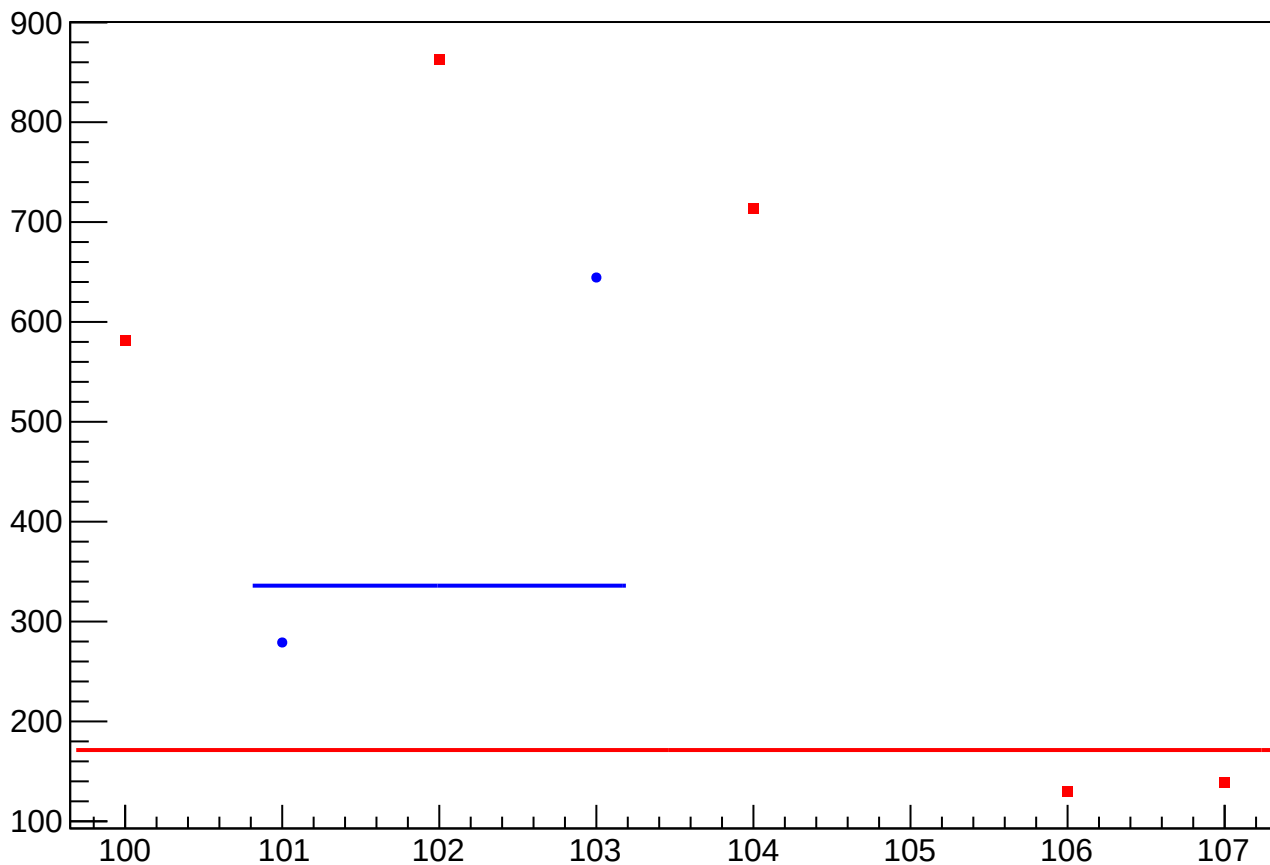
Right: 0.107+/-0.165 χ^2/NDF : 8.4/6

In: -0.330+/-0.332 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.107+/-0.165 χ^2/NDF : 8.4/6

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 335.939+/-0.235 χ^2/NDF : 318480.7/1

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

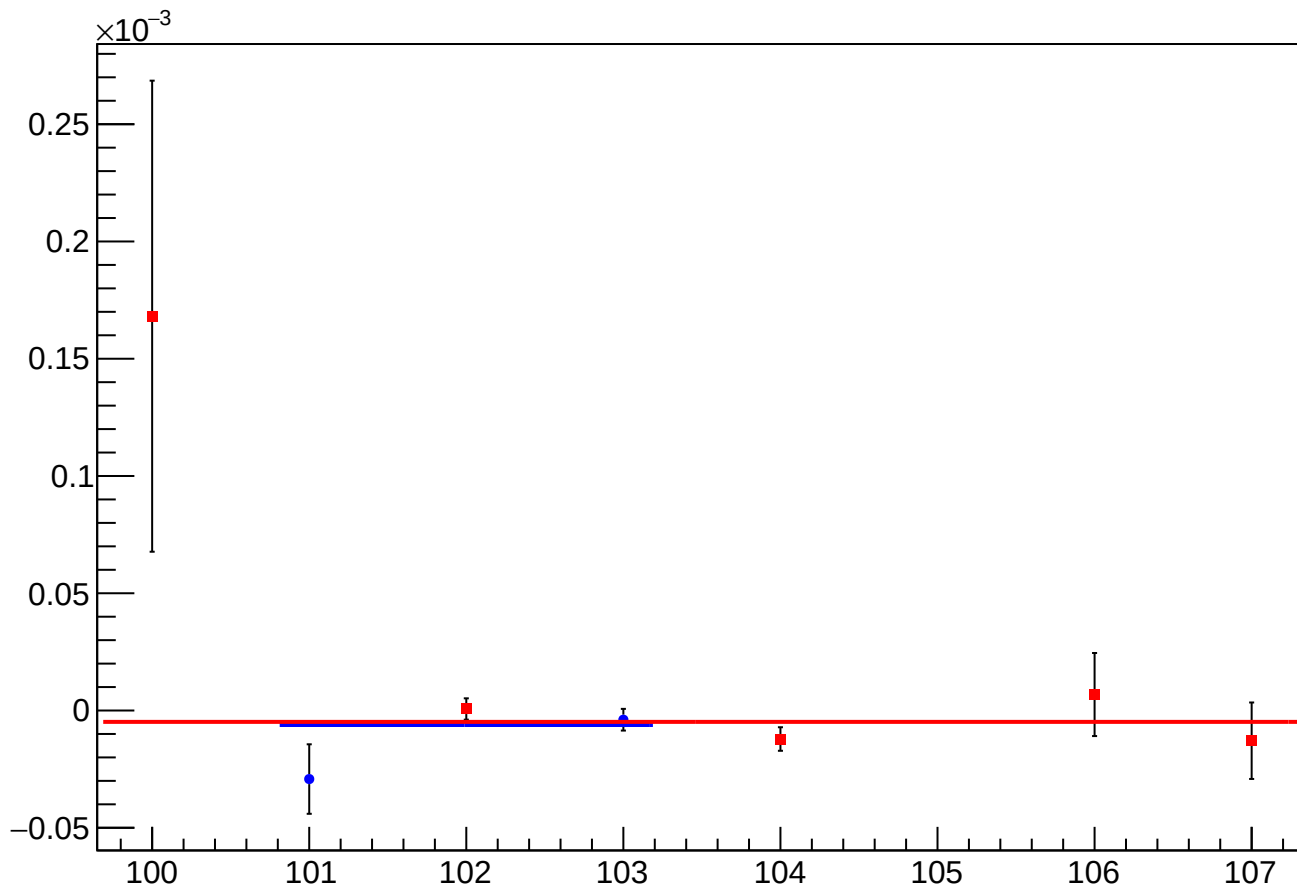
Right: 211.953+/-0.117 χ^2/NDF : 1886654.8/6

In: 335.939+/-0.235 χ^2/NDF : 318480.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 211.953+/-0.117 χ^2/NDF : 1886654.8/6

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.7/1

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

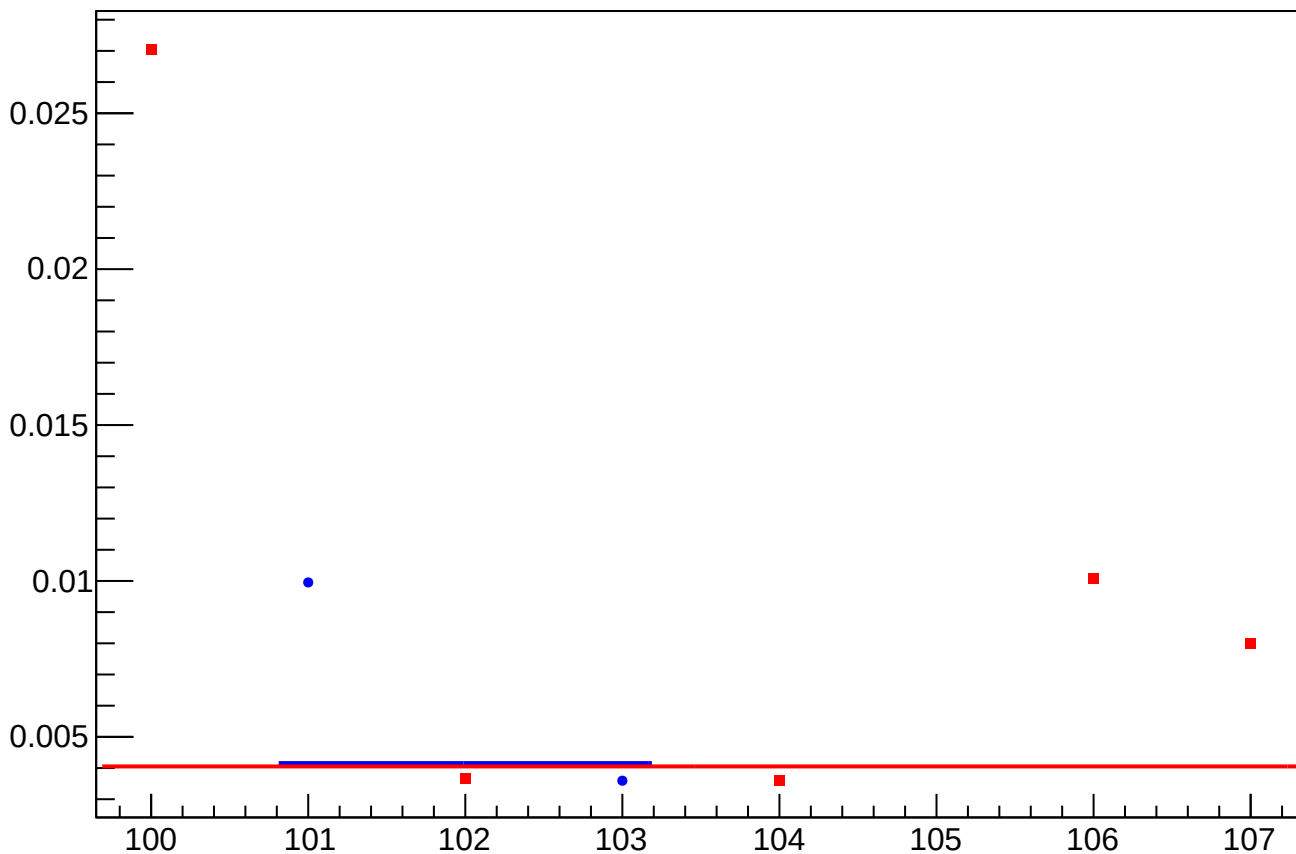
Right: -0.000+/-0.000 χ^2/NDF : 9.9/6

In: -0.000+/-0.000 χ^2/NDF : 2.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.9/6

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 335558.8/1

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

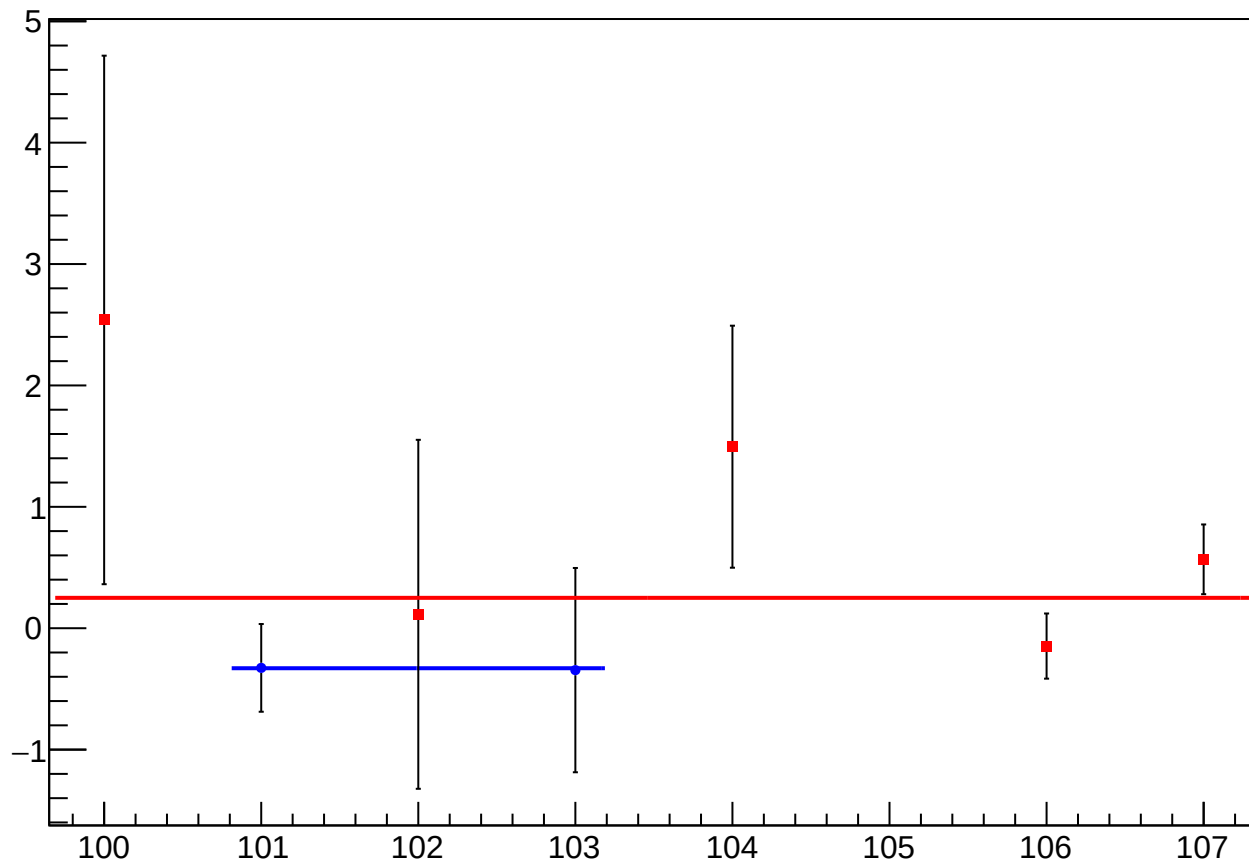
Right: 0.004+/-0.000 χ^2/NDF : 818570.7/6

In: 0.004+/-0.000 χ^2/NDF : 335558.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 818570.7/6

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.330+/-0.332 χ^2/NDF : 0.0/1

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

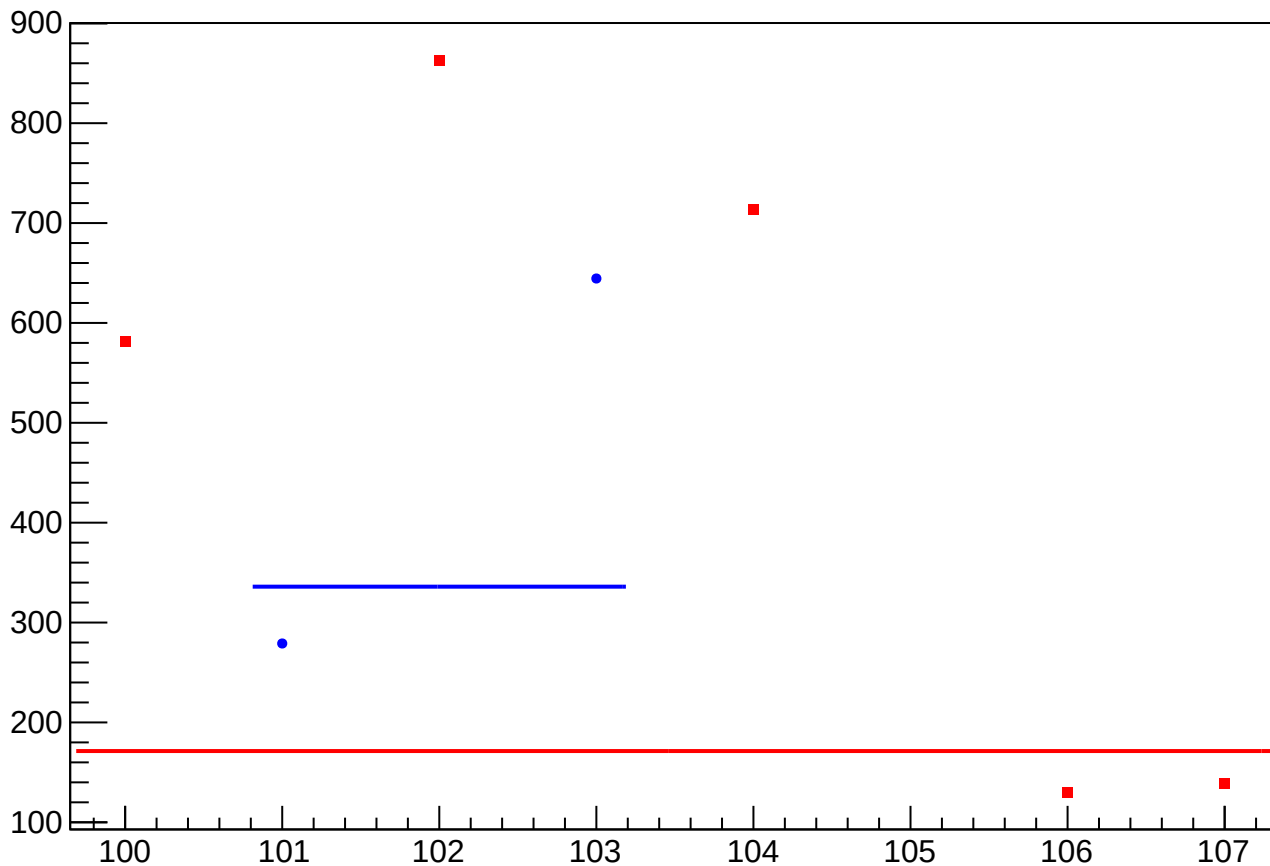
Right: 0.107+/-0.165 χ^2/NDF : 8.4/6

In: -0.330+/-0.332 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.107+/-0.165 χ^2/NDF : 8.4/6

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 335.938+/-0.235 χ^2/NDF : 318480.1/1

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

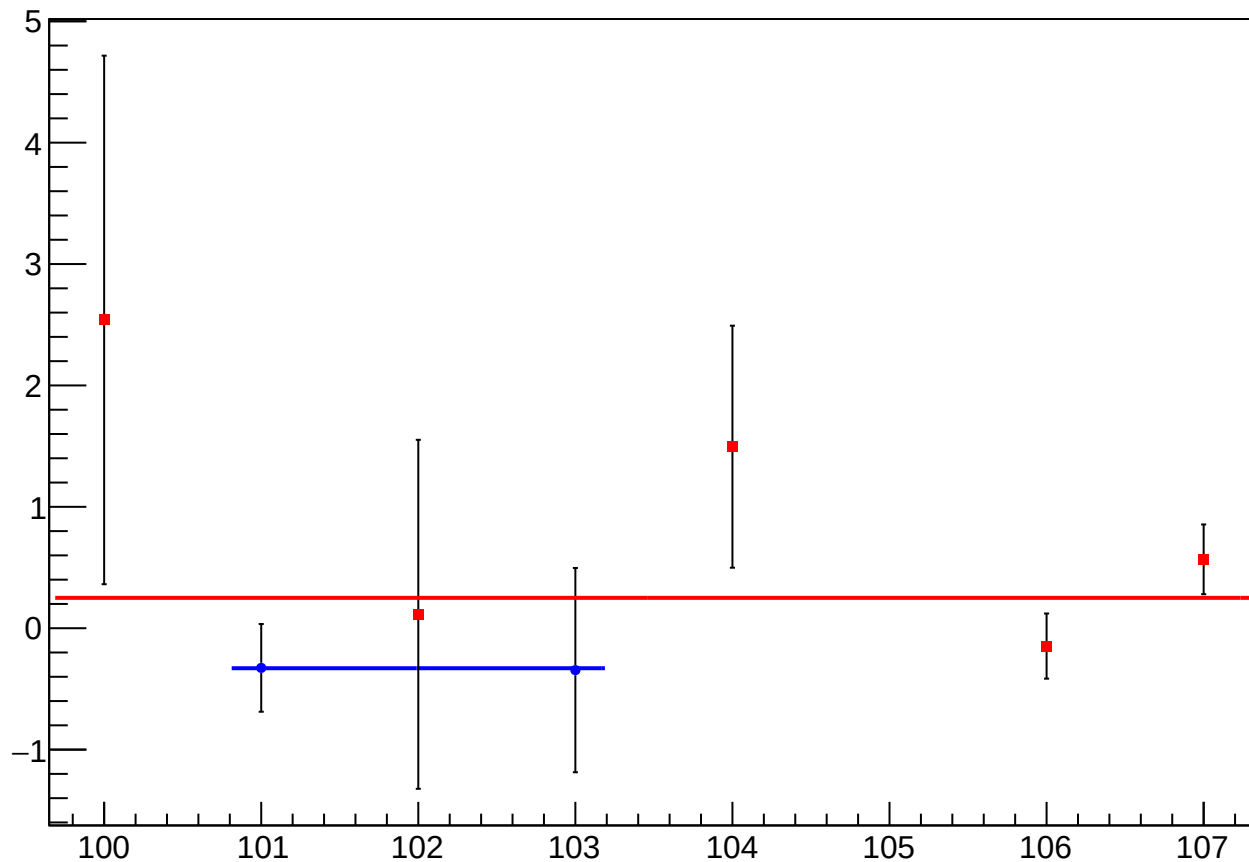
Right: 211.952+/-0.117 χ^2/NDF : 1886657.9/6

In: 335.938+/-0.235 χ^2/NDF : 318480.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 211.952+/-0.117 χ^2/NDF : 1886657.9/6

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.330+/-0.332 χ^2/NDF : 0.0/1

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

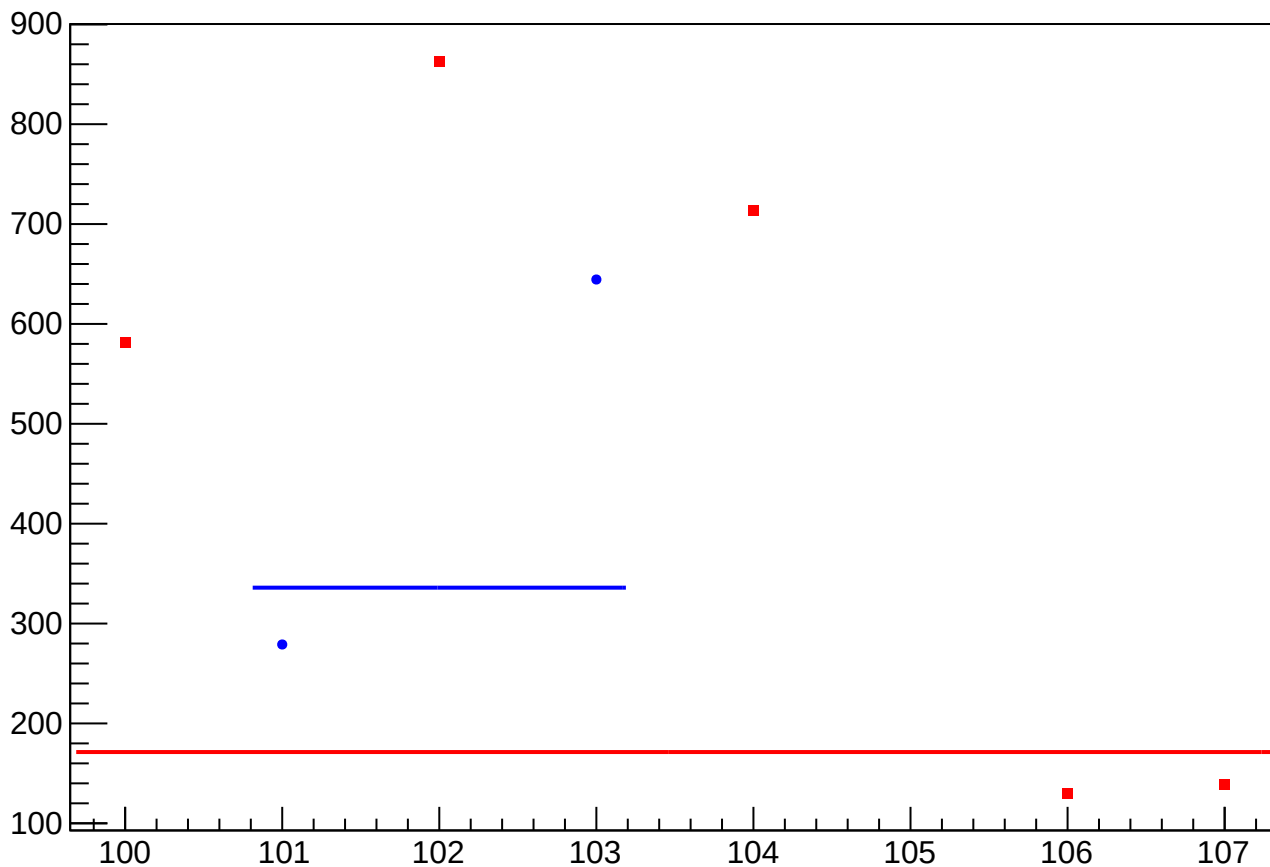
Right: 0.107+/-0.165 χ^2/NDF : 8.4/6

In: -0.330+/-0.332 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.107+/-0.165 χ^2/NDF : 8.4/6

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 335.938 $\pm$ 0.235 χ^2 /NDF: 318480.1/1

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

Right Out: 171.348 $\pm$ 0.134 χ^2 /NDF: 1197966.7/4

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

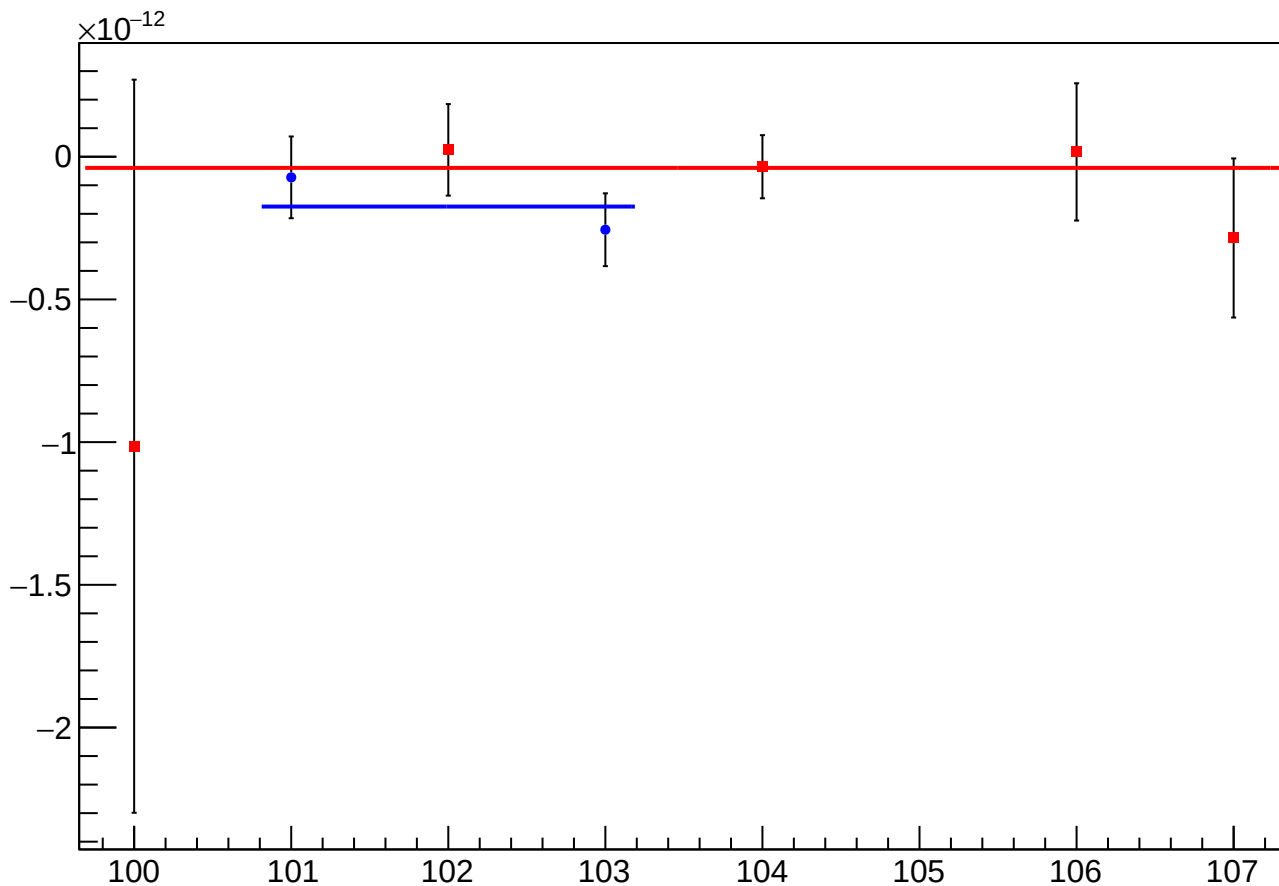
Right: 211.952 $\pm$ 0.117 χ^2 /NDF: 1886657.9/6

In: 335.938 $\pm$ 0.235 χ^2 /NDF:318480.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 211.952 $\pm$ 0.117 χ^2 /NDF: 1886657.9/6

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.9/1

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

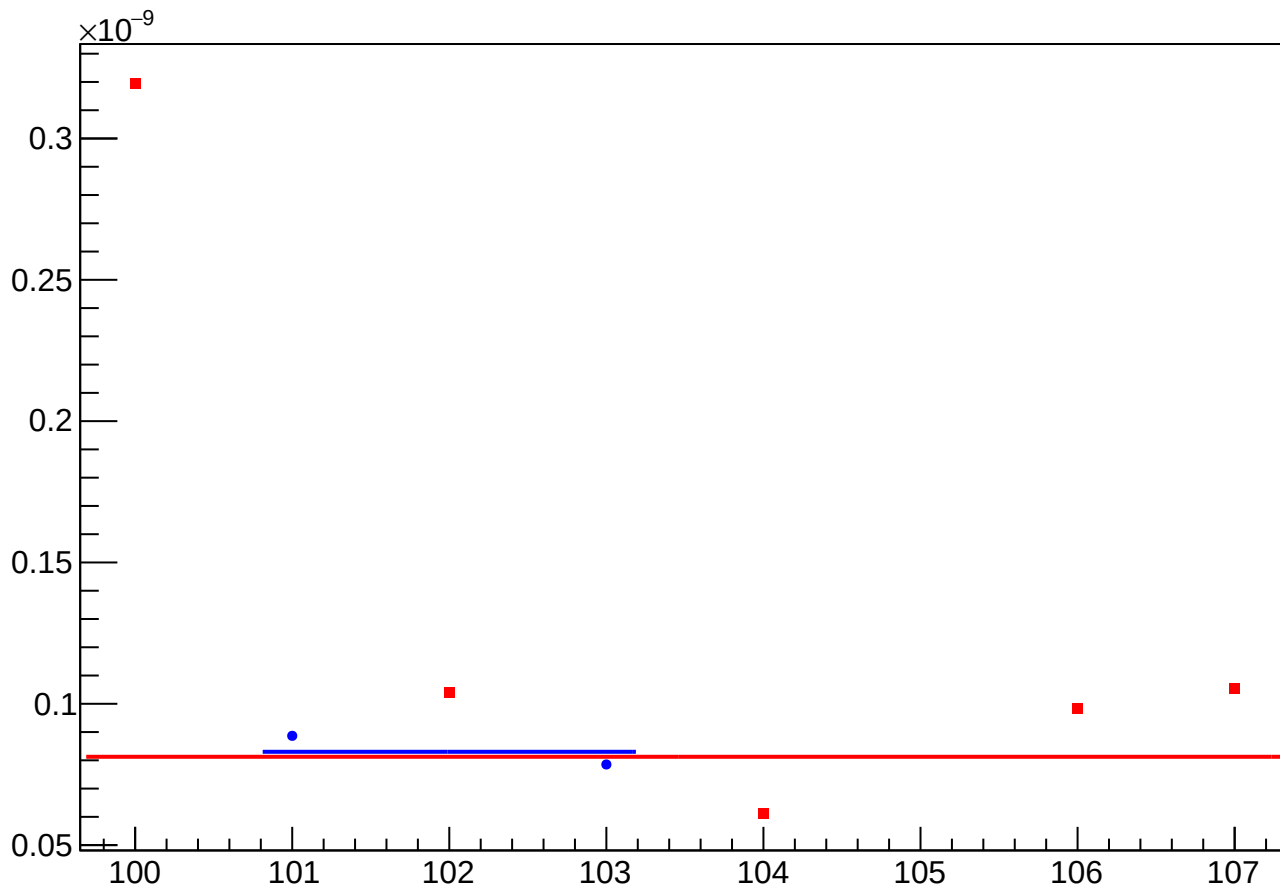
Right: -0.000+/-0.000 χ^2 /NDF: 3.7/6

In: -0.000+/-0.000 χ^2 /NDF:0.9/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 3.7/6

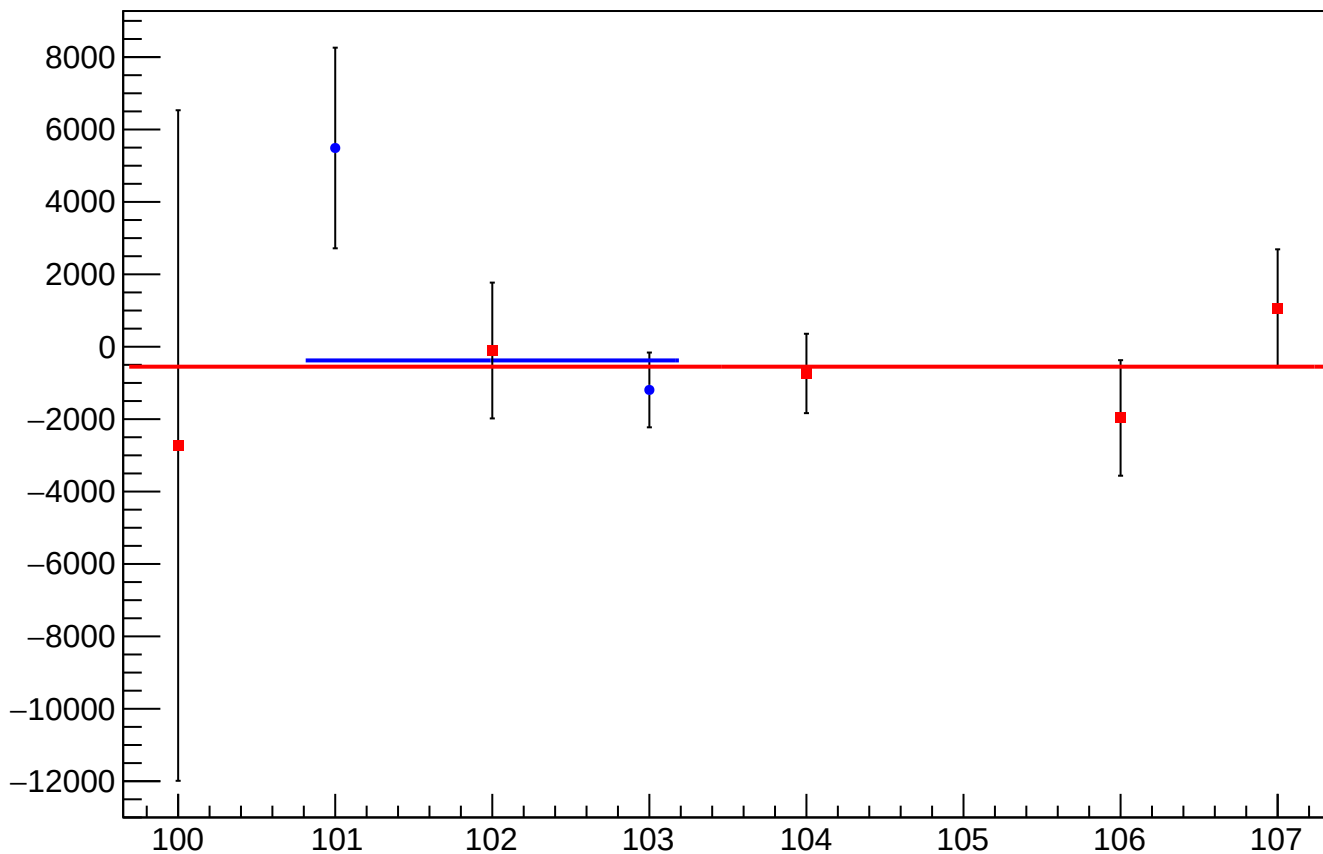
asym_usr_atr2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5580.8/1
 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 : 206817.3/6
 In: 0.000+/-0.000 χ^2/NDF : 5580.8/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 206817.3/6

reg_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -378.088+/-967.790 χ^2 /NDF: 5.1/1

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

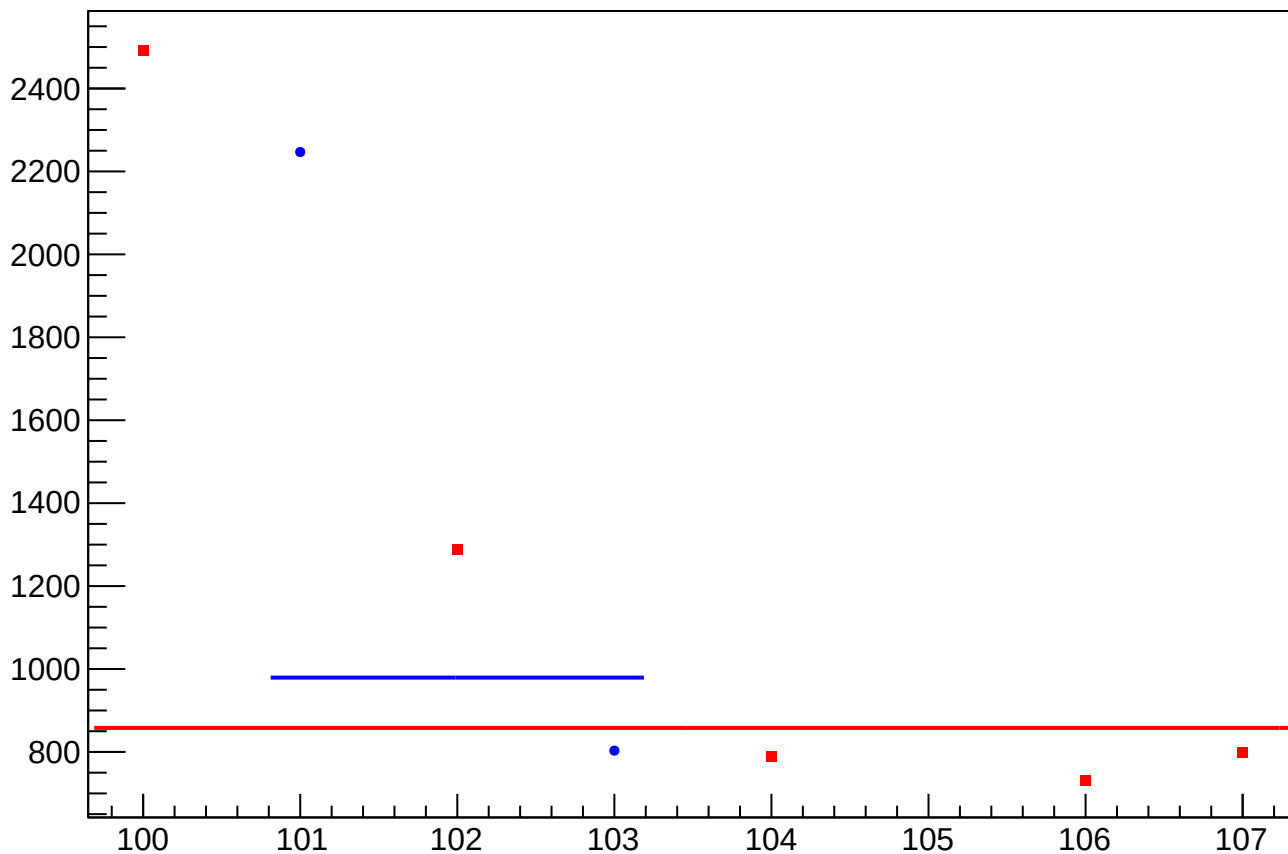
Right: -488.712+/-580.590 χ^2 /NDF: 7.0/6

In: -378.088+/-967.790 χ^2 /NDF:5.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -488.712+/-580.590 χ^2 /NDF: 7.0/6

reg_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 979.324+/-0.684 χ^2/NDF : 476597.9/1

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

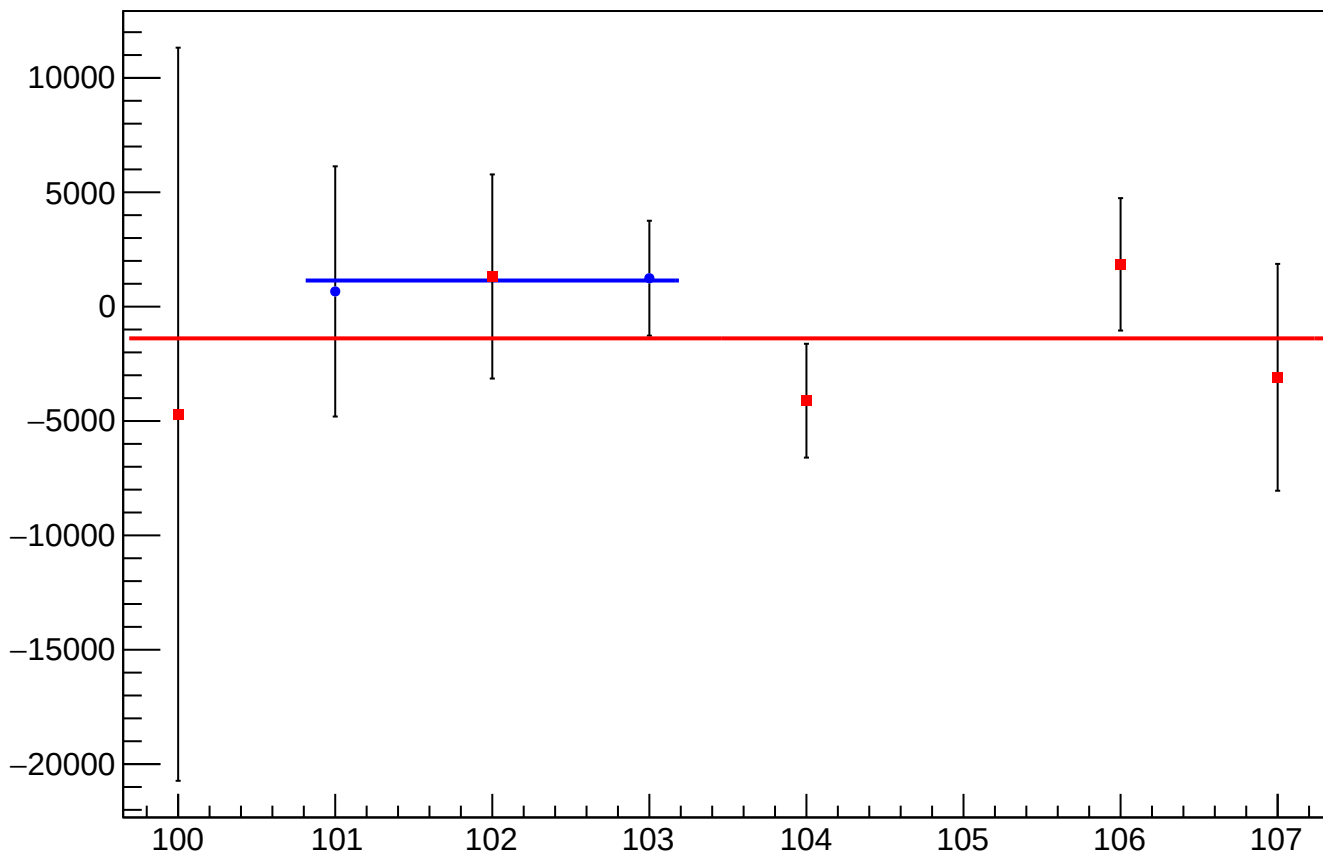
Right: 900.229+/-0.404 χ^2/NDF : 691047.7/6

In: 979.324+/-0.684 χ^2/NDF : 476597.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 900.229+/-0.404 χ^2/NDF : 691047.7/6

asym_usr_atr2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 1142.471+/-2282.996 χ^2/NDF : 0.0/1

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

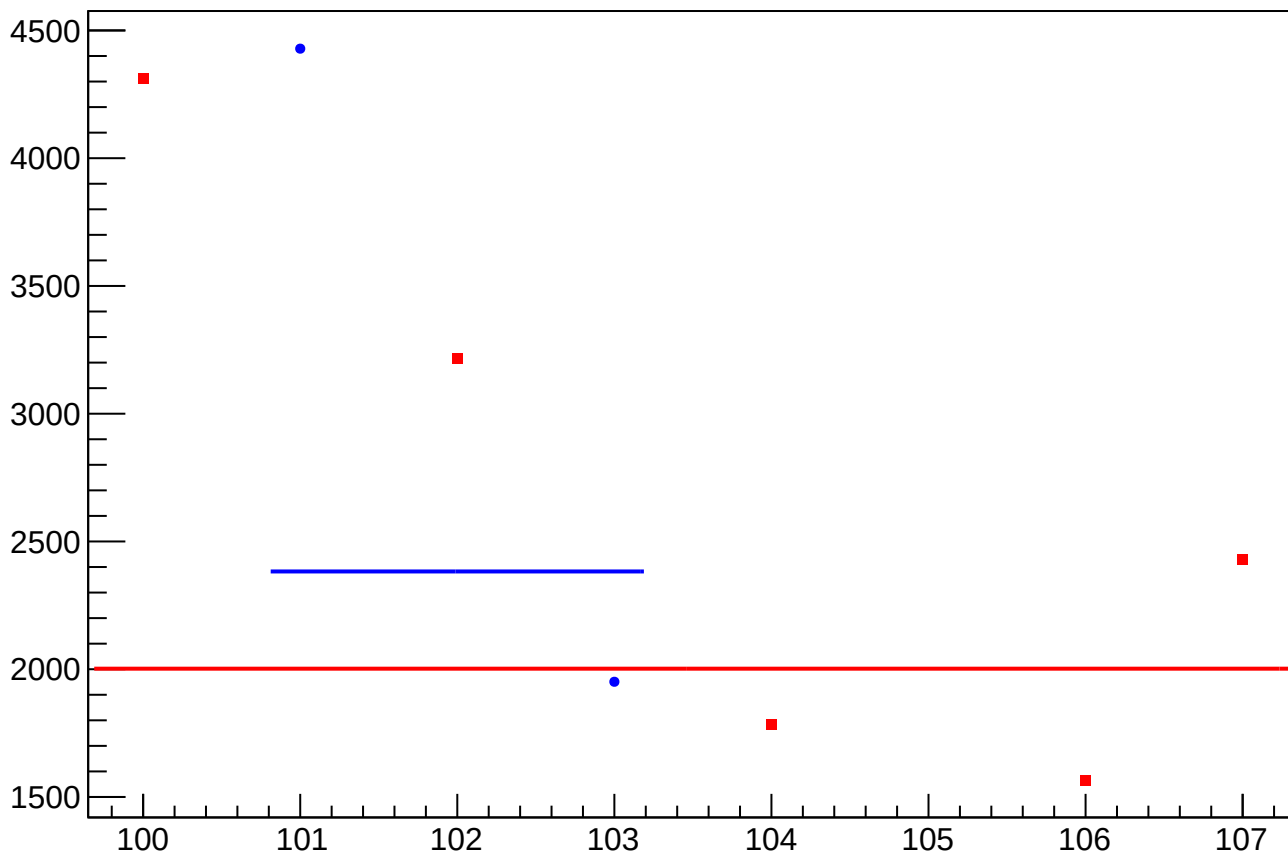
Right: -531.770+/-1327.382 χ^2/NDF : 3.8/6

In: 1142.471+/-2282.996 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -531.770+/-1327.382 χ^2/NDF : 3.8/6

asym_usr_atr2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2382.617+/-1.614 χ^2/NDF : 338946.6/1

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

Right Out: 2002.114+/-1.154 χ^2/NDF : 265420.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

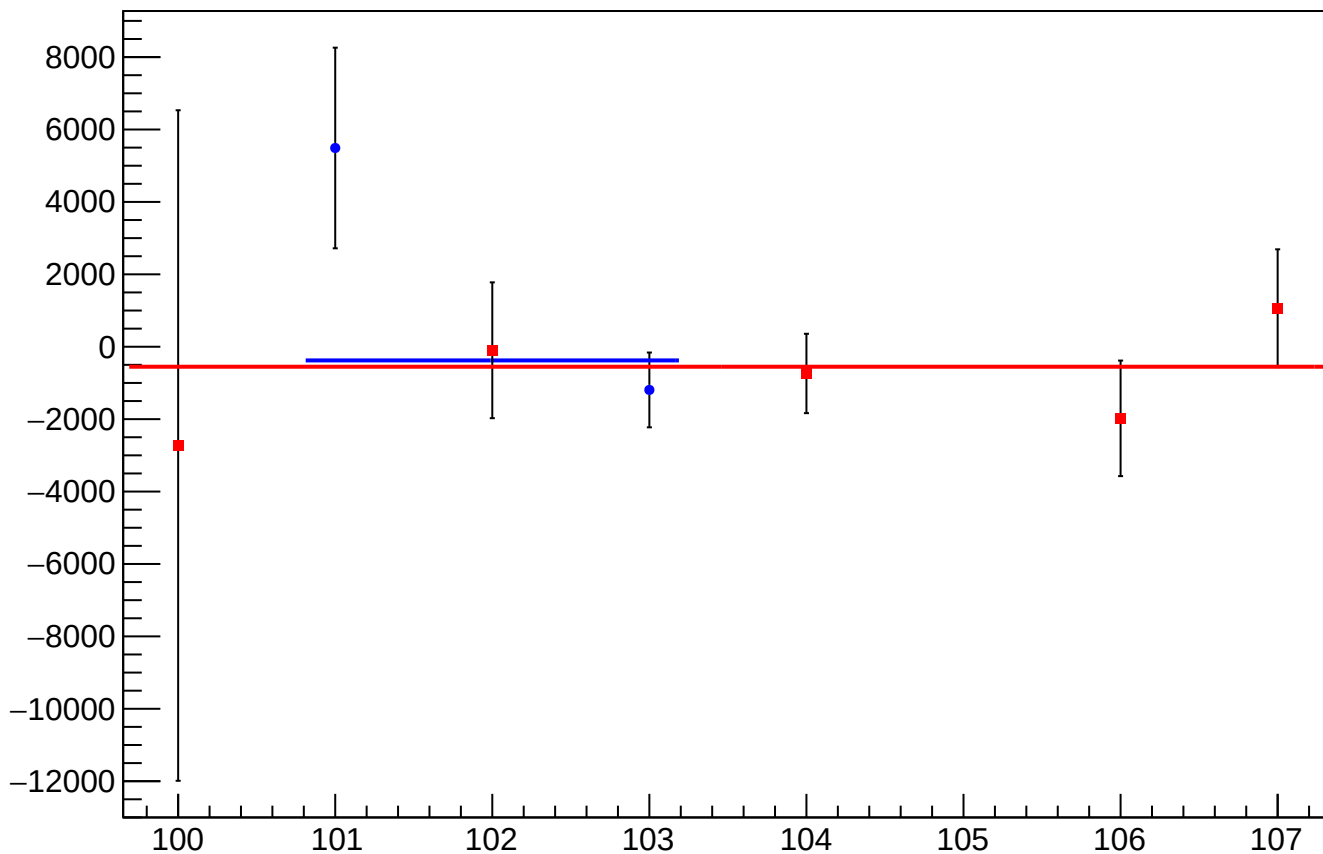
Right: 2130.743+/-0.939 χ^2/NDF : 641142.8/6

In: 2382.617+/-1.614 χ^2/NDF : 338946.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2130.743+/-0.939 χ^2/NDF : 641142.8/6

cor_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -377.858+/-967.792 χ^2 /NDF: 5.1/1

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

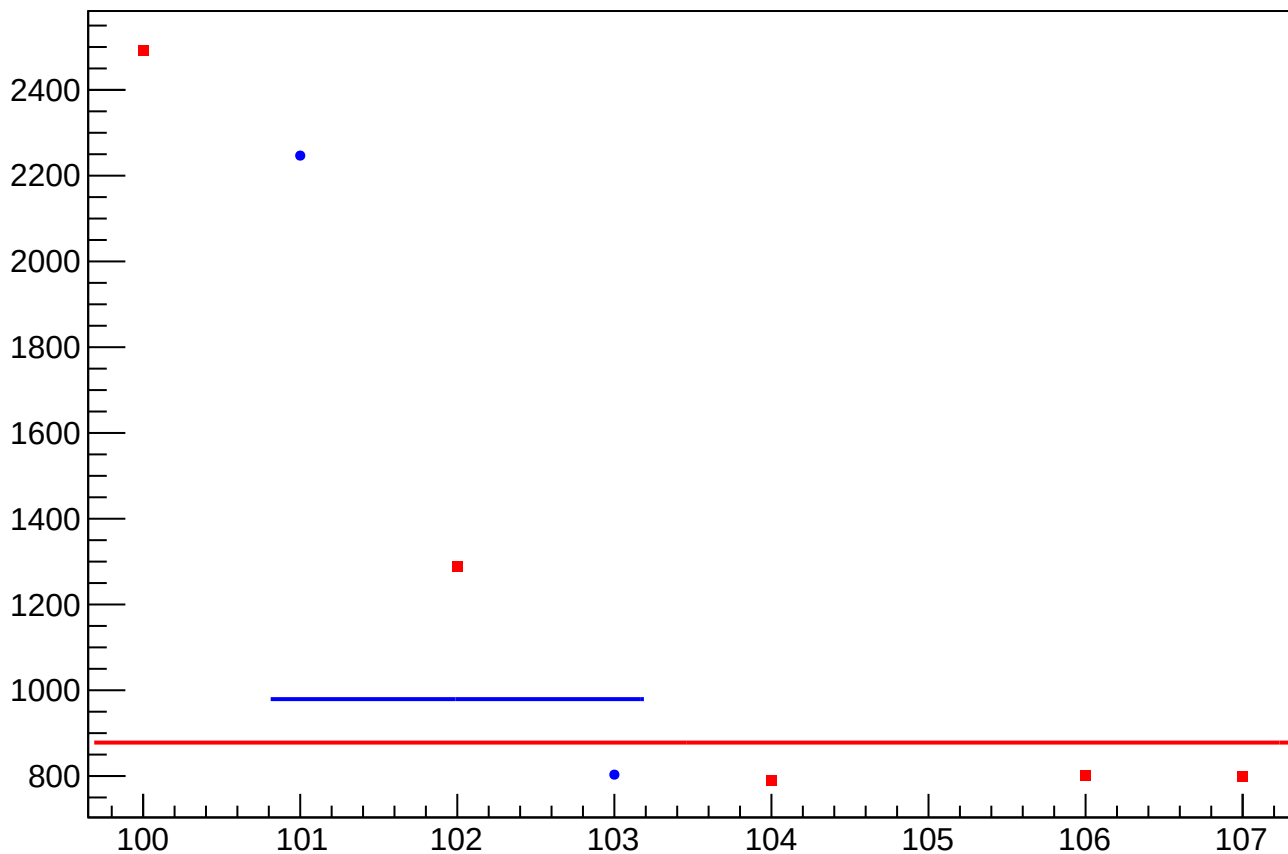
Right: -489.424+/-580.602 χ^2 /NDF: 7.1/6

In: -377.858+/-967.792 χ^2 /NDF:5.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -489.424+/-580.602 χ^2 /NDF: 7.1/6

cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 979.326+/-0.684 χ^2/NDF : 476596.2/1

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

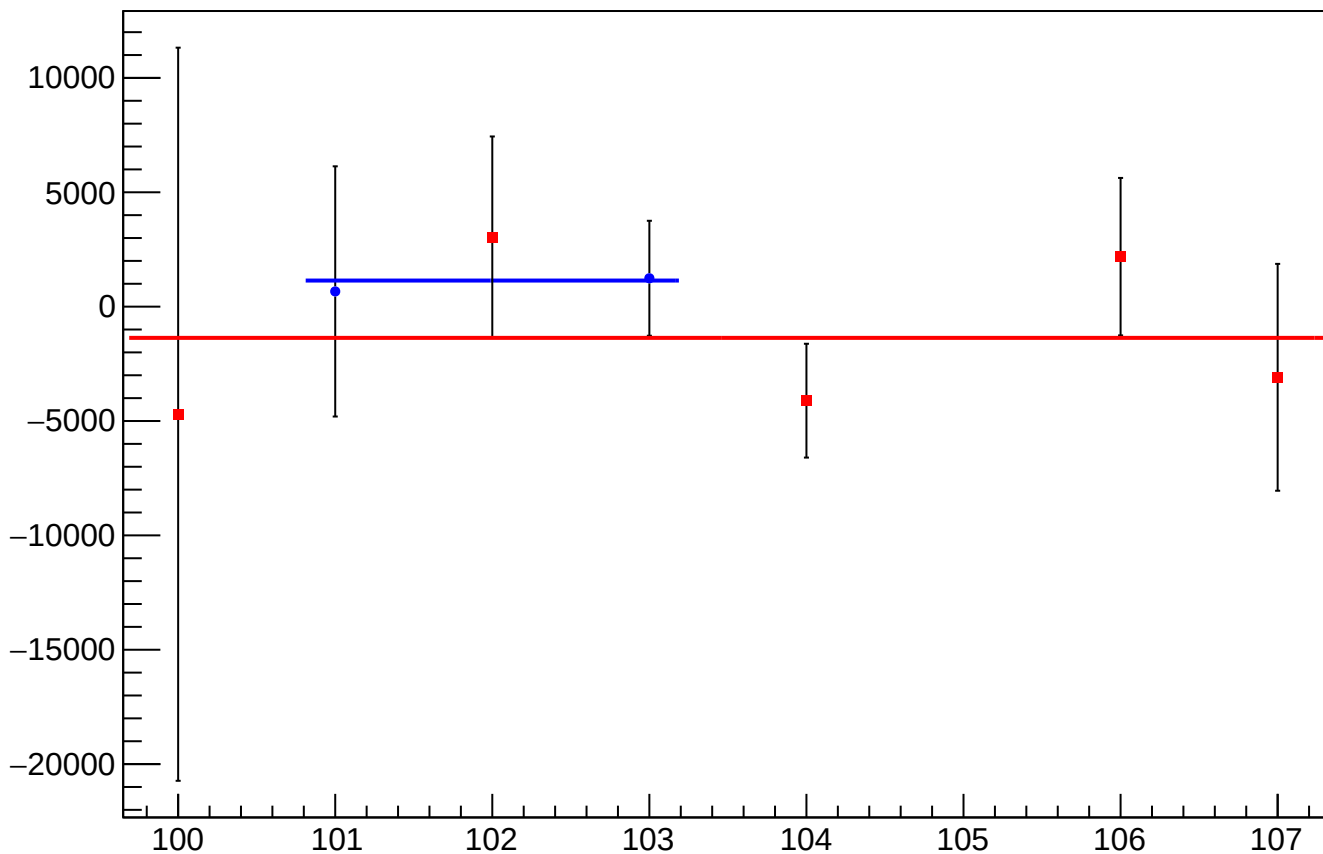
Right: 914.191+/-0.409 χ^2/NDF : 670056.3/6

In: 979.326+/-0.684 χ^2/NDF : 476596.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 914.191+/-0.409 χ^2/NDF : 670056.3/6

asym_usr_atr2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1140.741 $\pm$ 2283.316 χ^2 /NDF: 0.0/1

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

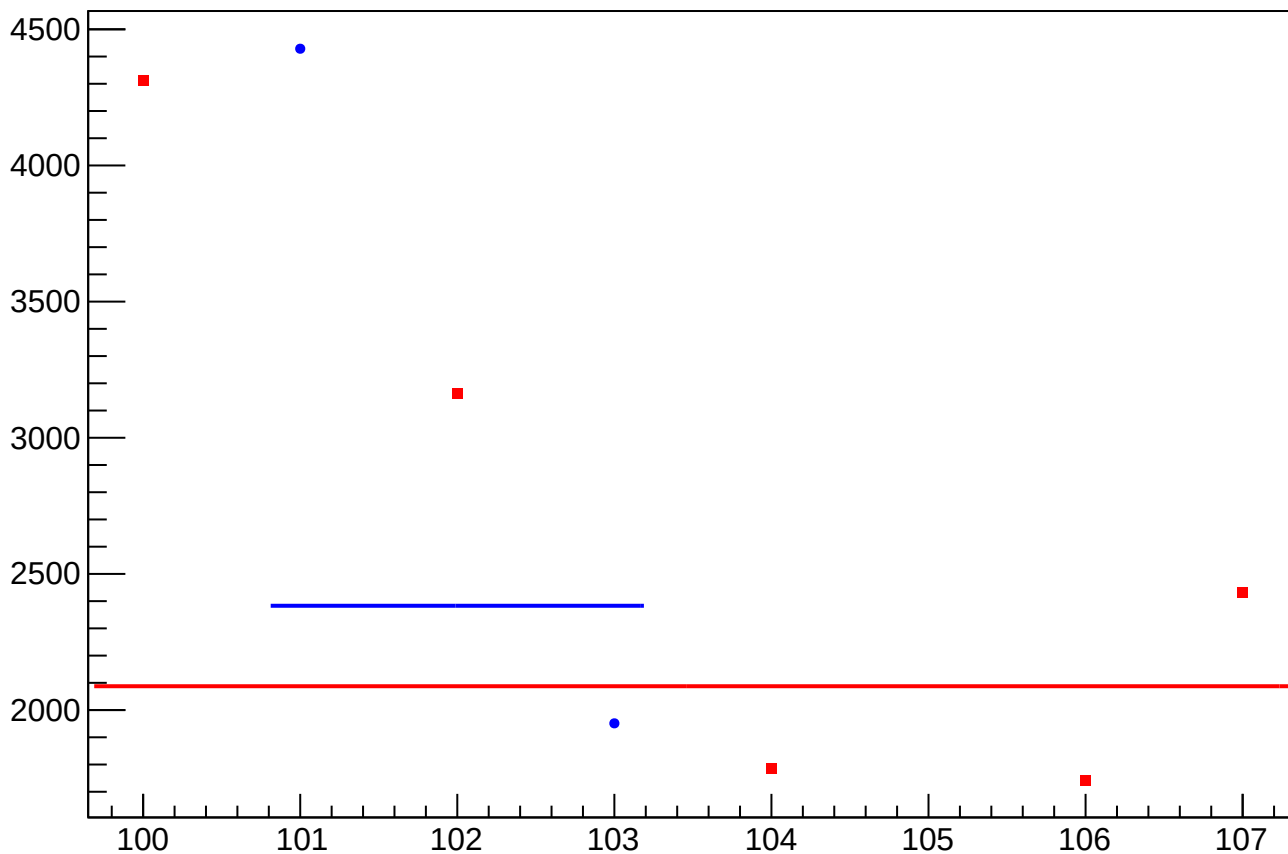
Right: -464.815 $\pm$ 1368.618 χ^2 /NDF: 4.2/6

In: 1140.741 $\pm$ 2283.316 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -464.815 $\pm$ 1368.618 χ^2 /NDF: 4.2/6

asym_usr_atr2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2383.031+/-1.615 χ^2/NDF : 338828.9/1

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

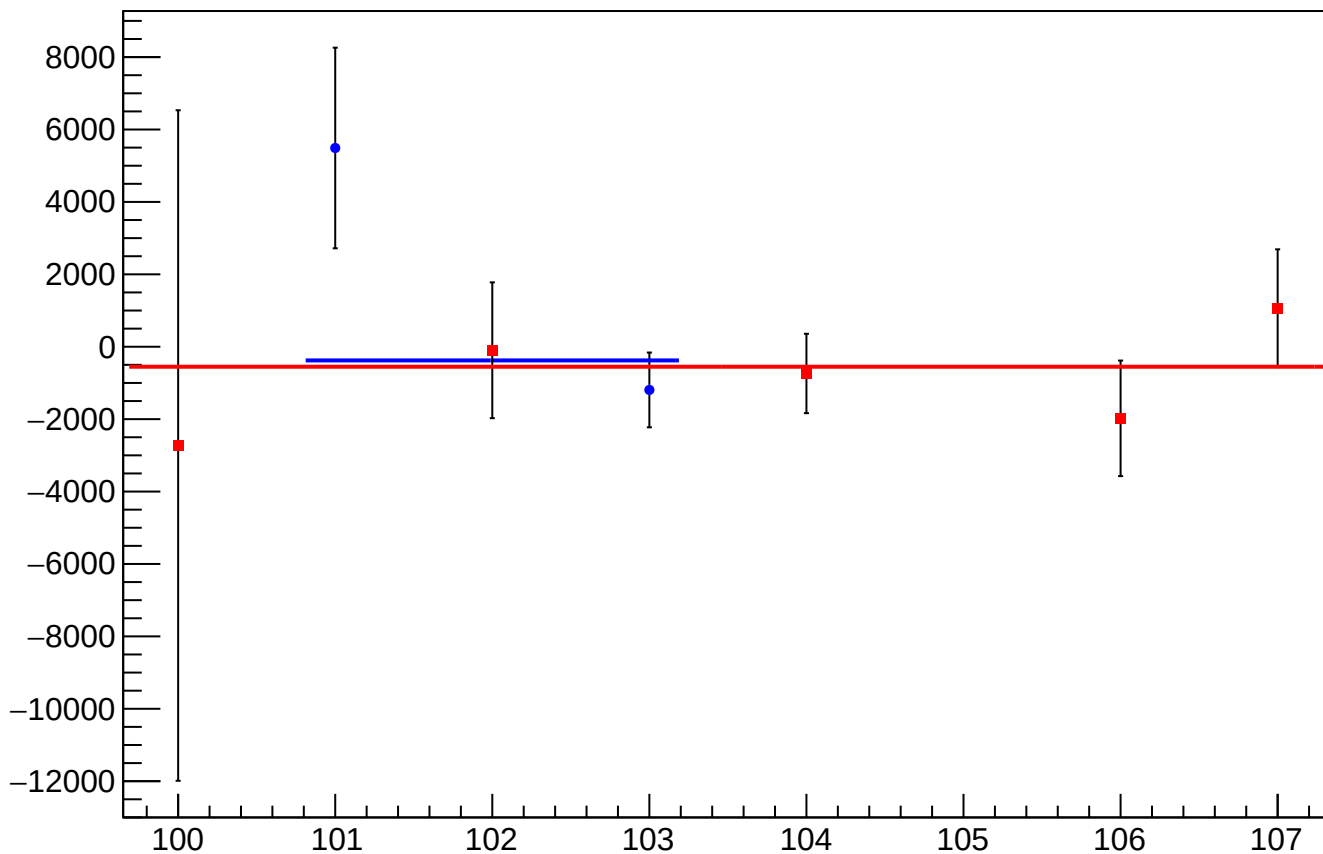
Right: 2193.699+/-0.968 χ^2/NDF : 577812.7/6

In: 2383.031+/-1.615 χ^2/NDF : 338828.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2193.699+/-0.968 χ^2/NDF : 577812.7/6

eigen_cor_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -377.858+/-967.792 χ^2 /NDF: 5.1/1

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

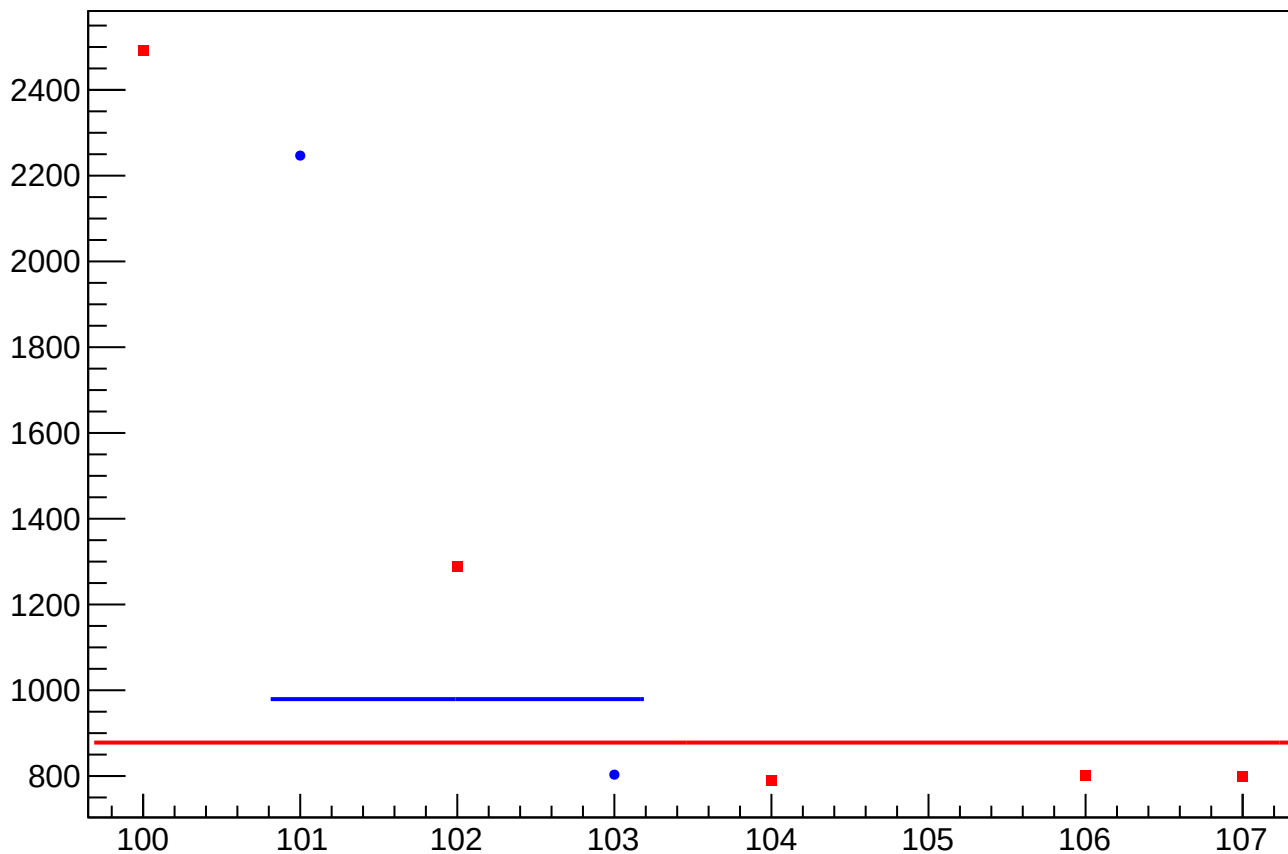
Right: -489.424+/-580.602 χ^2 /NDF: 7.1/6

In: -377.858+/-967.792 χ^2 /NDF:5.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -489.424+/-580.602 χ^2 /NDF: 7.1/6

eigen_cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 979.326+/-0.684 χ^2/NDF : 476596.2/1

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

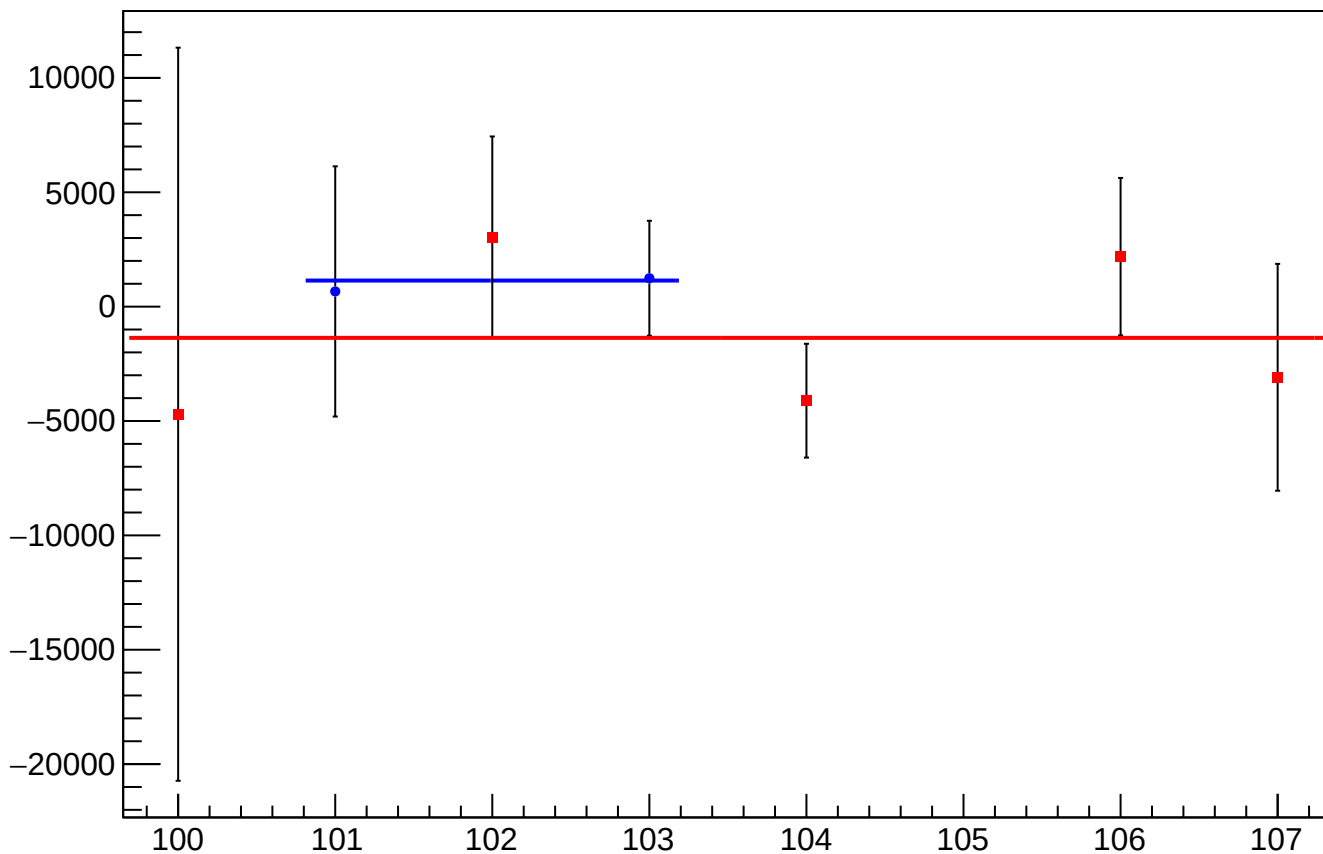
Right: 914.191+/-0.409 χ^2/NDF : 670056.3/6

In: 979.326+/-0.684 χ^2/NDF : 476596.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 914.191+/-0.409 χ^2/NDF : 670056.3/6

asym_usr_atr2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1140.741+/-2283.316 χ^2/NDF : 0.0/1

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

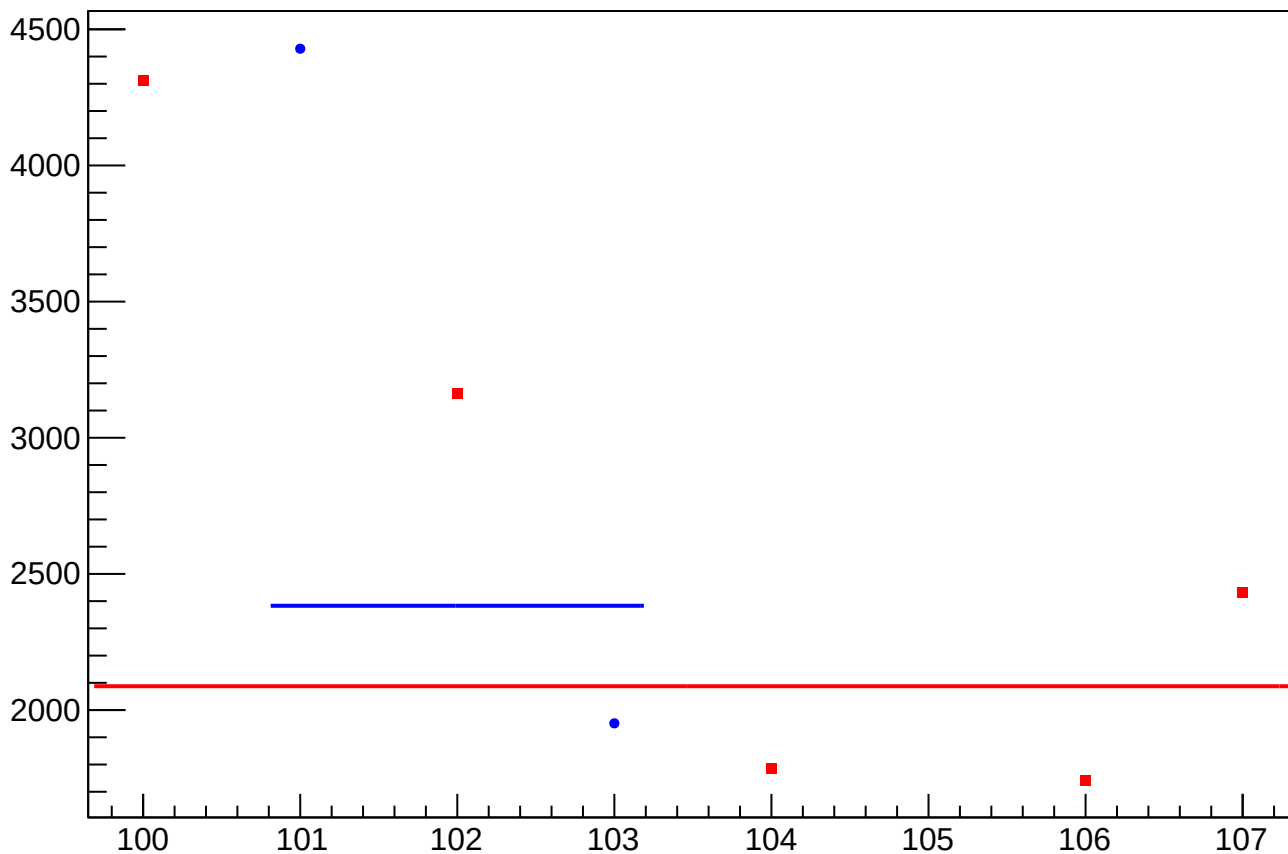
Right: -464.815+/-1368.618 χ^2/NDF : 4.2/6

In: 1140.741+/-2283.316 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -464.815+/-1368.618 χ^2/NDF : 4.2/6

asym_usr_atr2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2383.031+/-1.615 χ^2/NDF : 338828.9/1

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

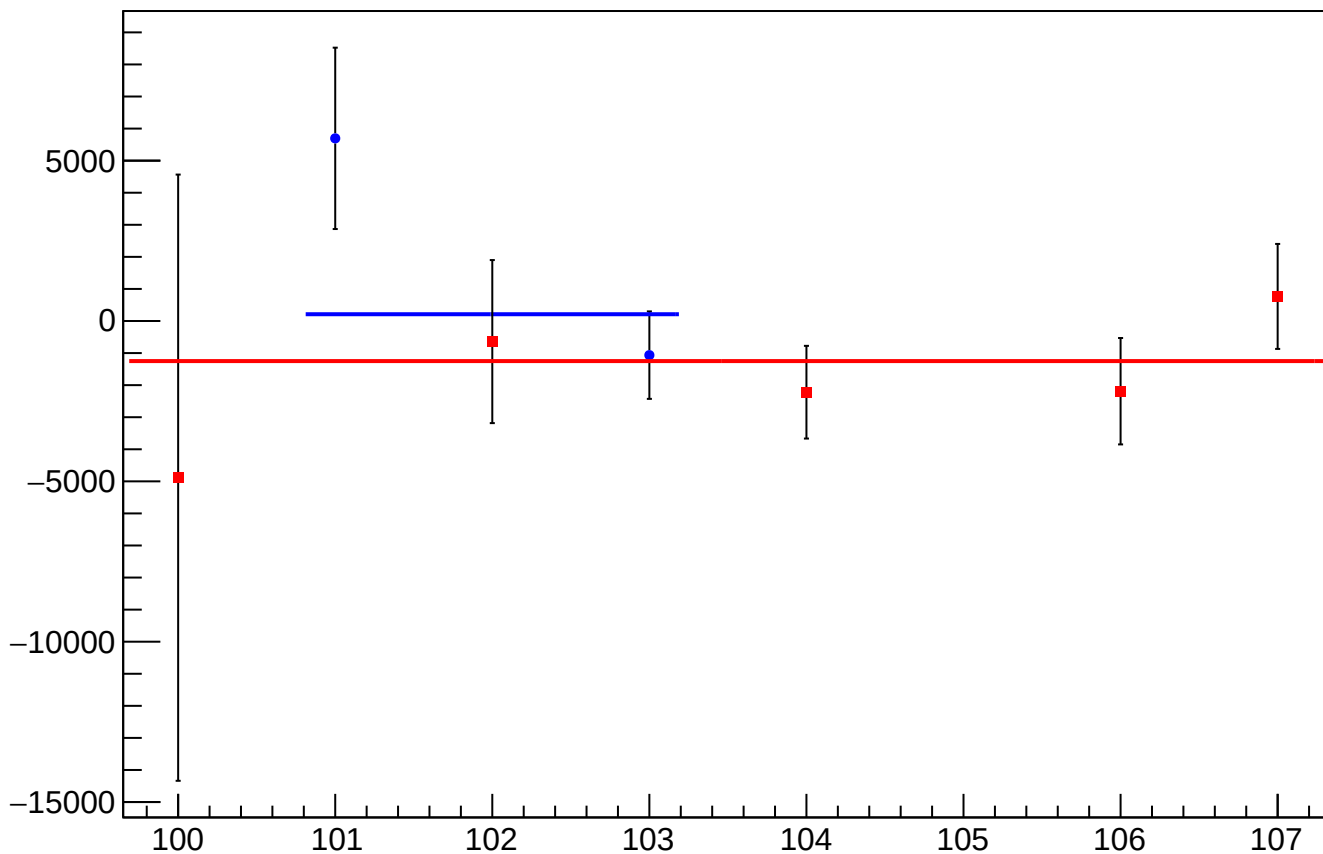
Right: 2193.699+/-0.968 χ^2/NDF : 577812.7/6

In: 2383.031+/-1.615 χ^2/NDF : 338828.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2193.699+/-0.968 χ^2/NDF : 577812.7/6

dit_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: 211.177+/-1228.286 χ^2/NDF : 4.6/1

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

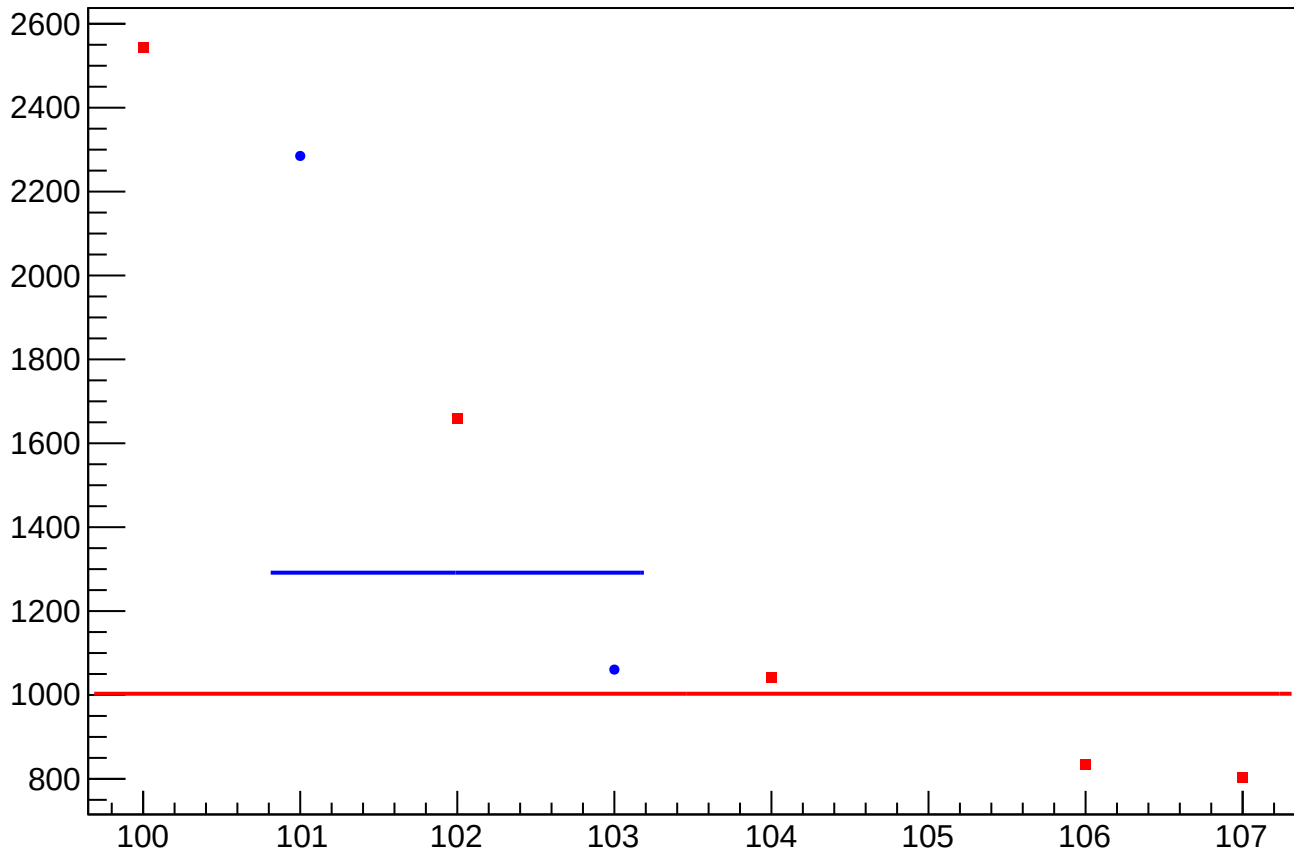
Right: -776.029+/-699.475 χ^2/NDF : 8.1/6

In: 211.177+/-1228.286 χ^2/NDF : 4.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -776.029+/-699.475 χ^2/NDF : 8.1/6

dit_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1291.572+/-0.869 χ^2/NDF : 304299.0/1

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

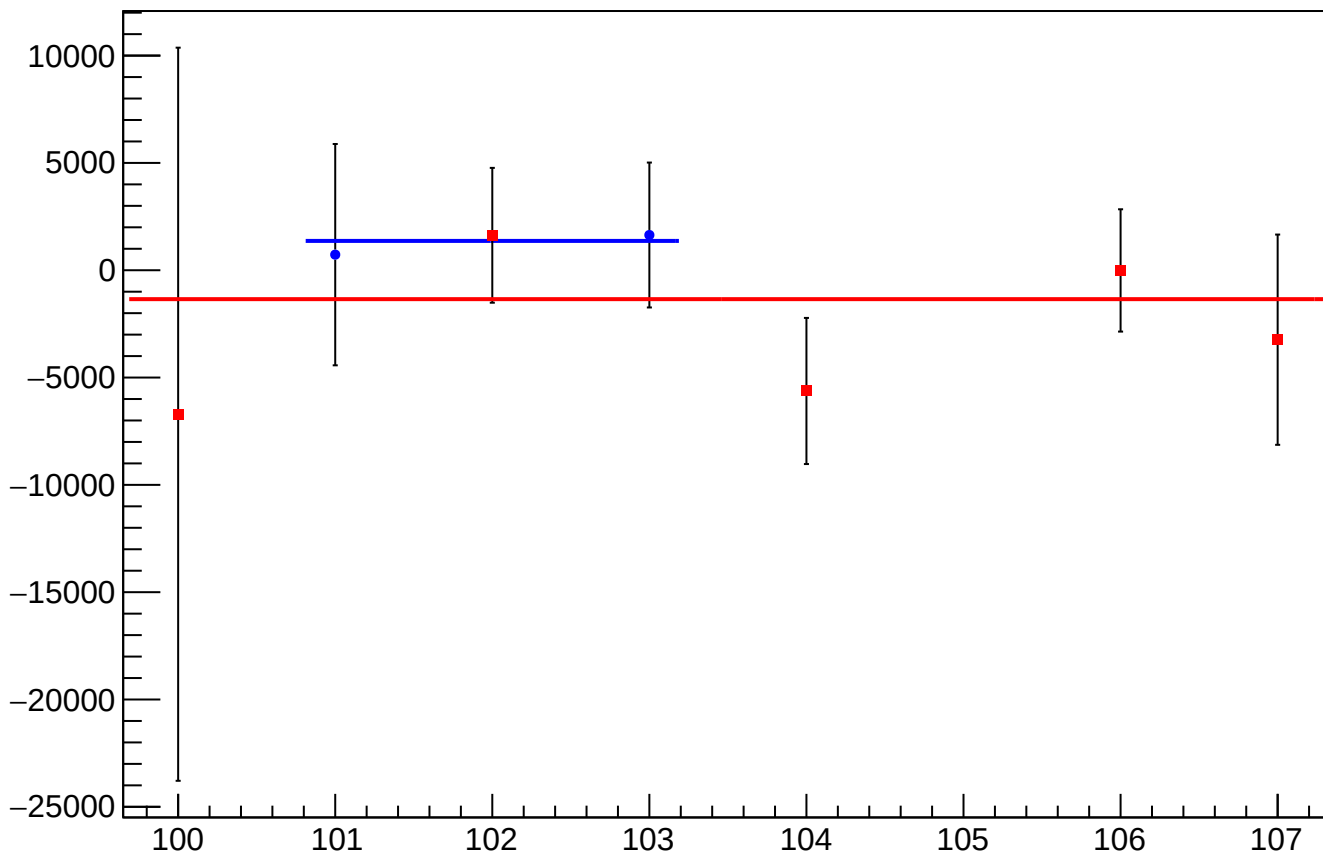
Right: 1096.322+/-0.494 χ^2/NDF : 617372.0/6

In: 1291.572+/-0.869 χ^2/NDF : 304299.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1096.322+/-0.494 χ^2/NDF : 617372.0/6

asym_usr_atr2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1366.299+/-2824.319 χ^2 /NDF: 0.0/1

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

Right Out: -1347.025+/-1676.191 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

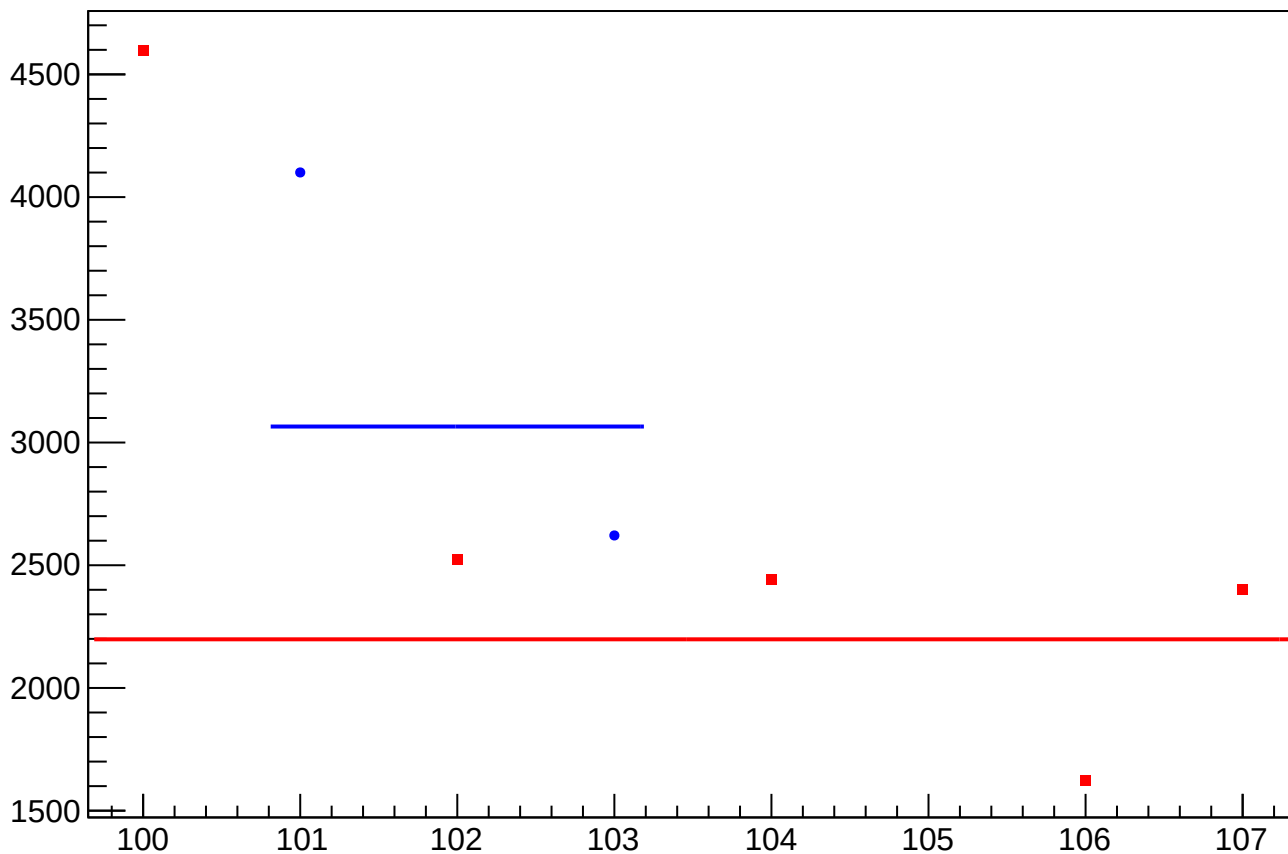
Right: -640.264+/-1441.449 χ^2 /NDF: 3.6/6

In: 1366.299+/-2824.319 χ^2 /NDF:0.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -640.264+/-1441.449 χ^2 /NDF: 3.6/6

asym_usr_atr2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3065.203+/-1.997 χ^2/NDF : 115200.9/1

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

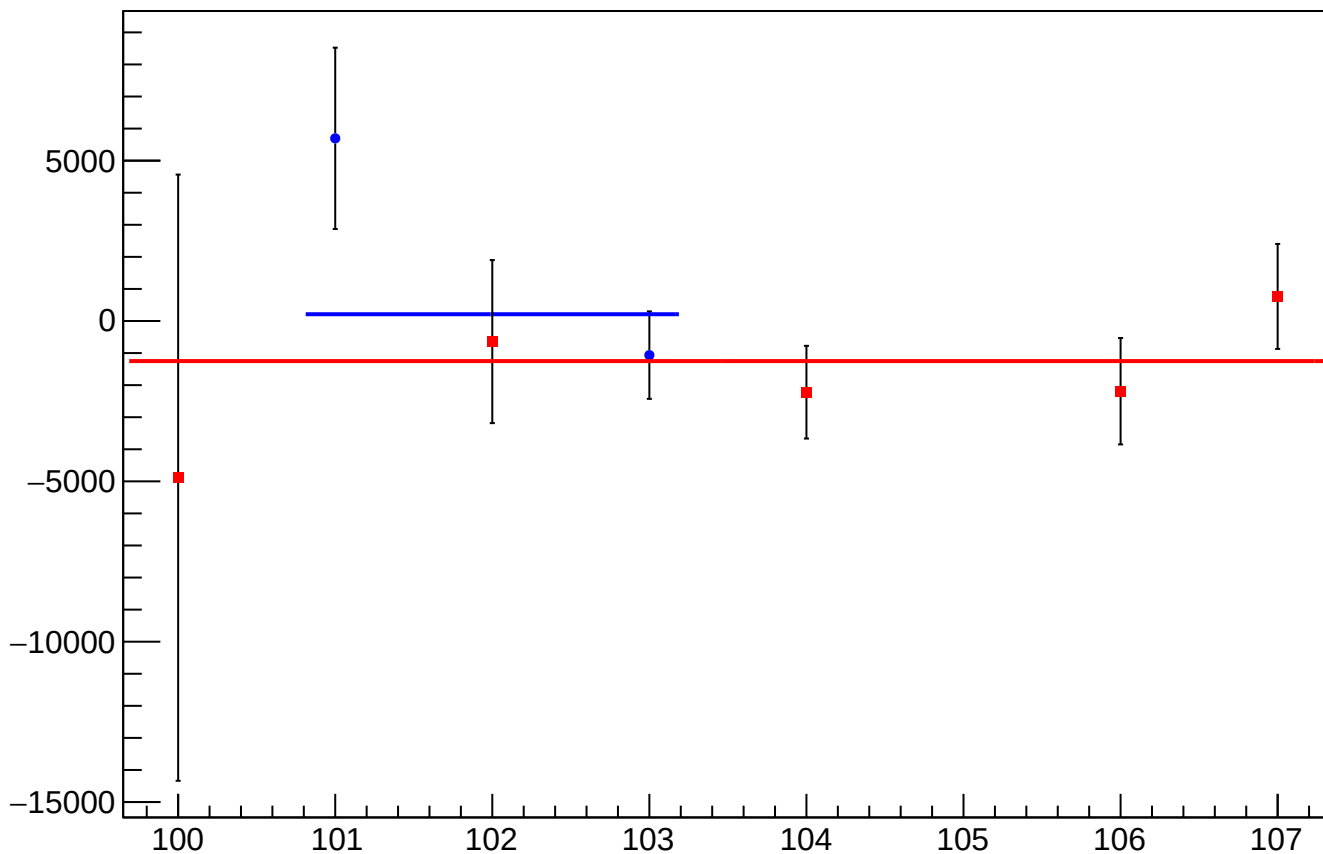
Right: 2424.035+/-1.019 χ^2/NDF : 410523.0/6

In: 3065.203+/-1.997 χ^2/NDF : 115200.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2424.035+/-1.019 χ^2/NDF : 410523.0/6

eigen_dit_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: 211.185+/-1228.287 χ^2/NDF : 4.6/1

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

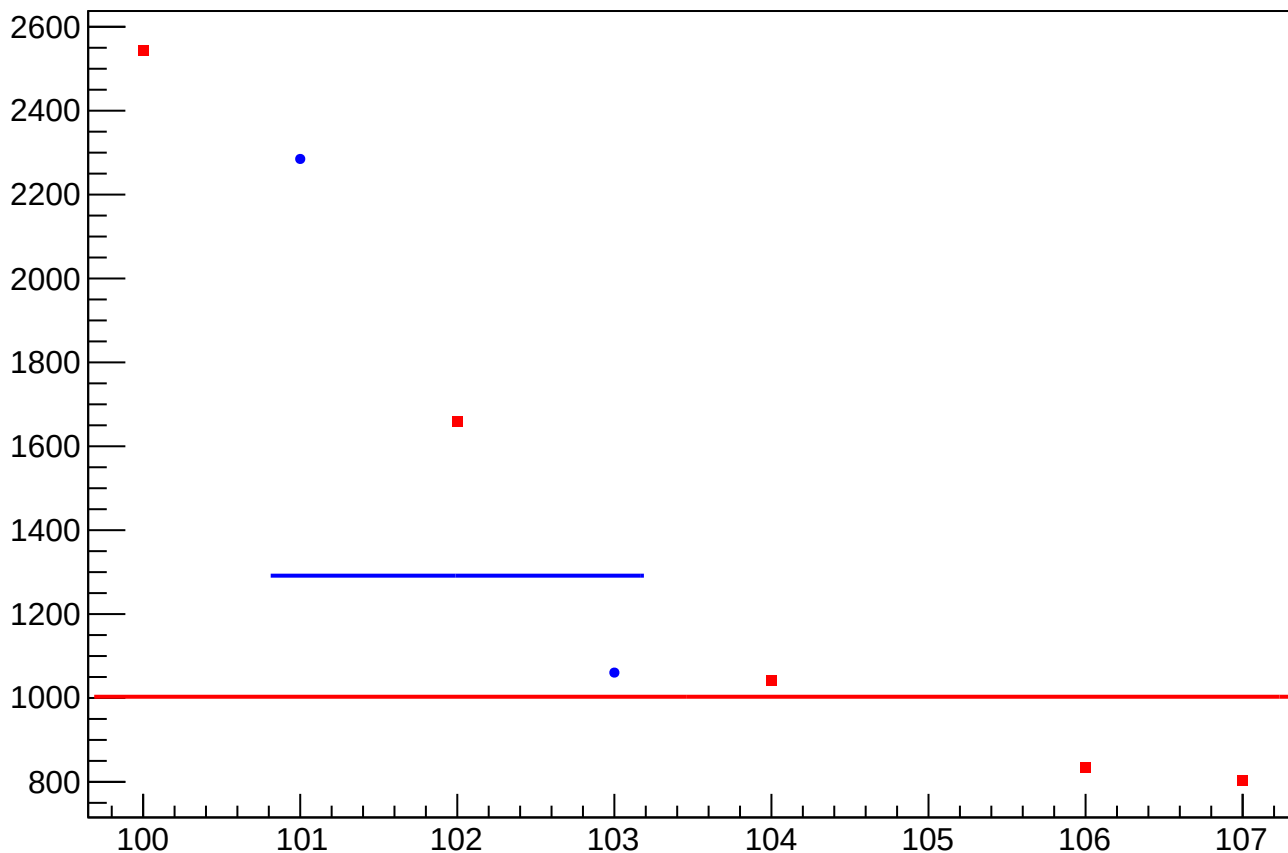
Right: -776.032+/-699.475 χ^2/NDF : 8.1/6

In: 211.185+/-1228.287 χ^2/NDF : 4.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -776.032+/-699.475 χ^2/NDF : 8.1/6

eigen_dit_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1291.573+/-0.869 χ^2/NDF : 304298.4/1

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

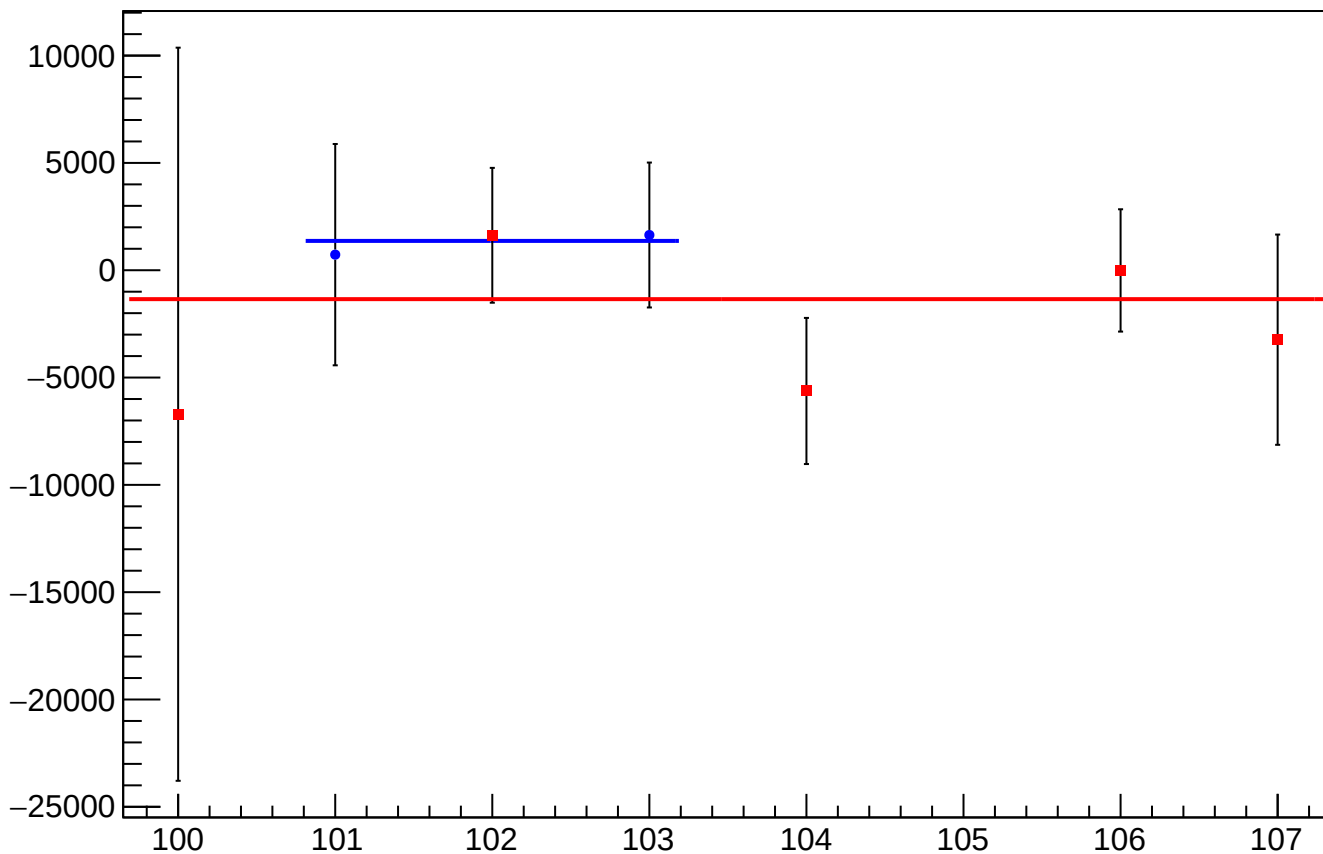
Right: 1096.323+/-0.494 χ^2/NDF : 617371.8/6

In: 1291.573+/-0.869 χ^2/NDF : 304298.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1096.323+/-0.494 χ^2/NDF : 617371.8/6

asym_usr_atr2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1366.306+/-2824.319 χ^2/NDF : 0.0/1

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

Right Out: -1347.038+/-1676.189 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

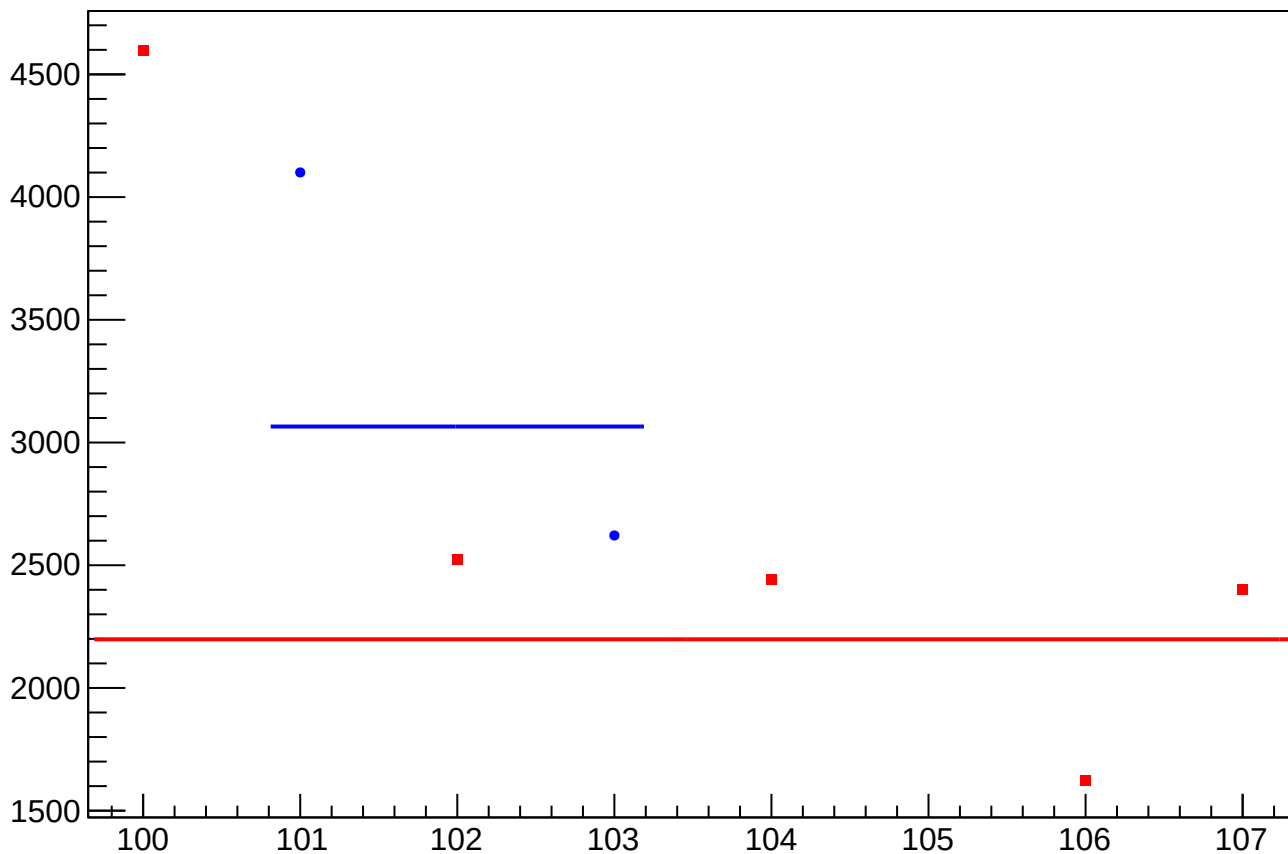
Right: -640.273+/-1441.447 χ^2/NDF : 3.6/6

In: 1366.306+/-2824.319 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -640.273+/-1441.447 χ^2/NDF : 3.6/6

asym_usr_atr2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3065.203+/-1.997 χ^2/NDF : 115200.4/1

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

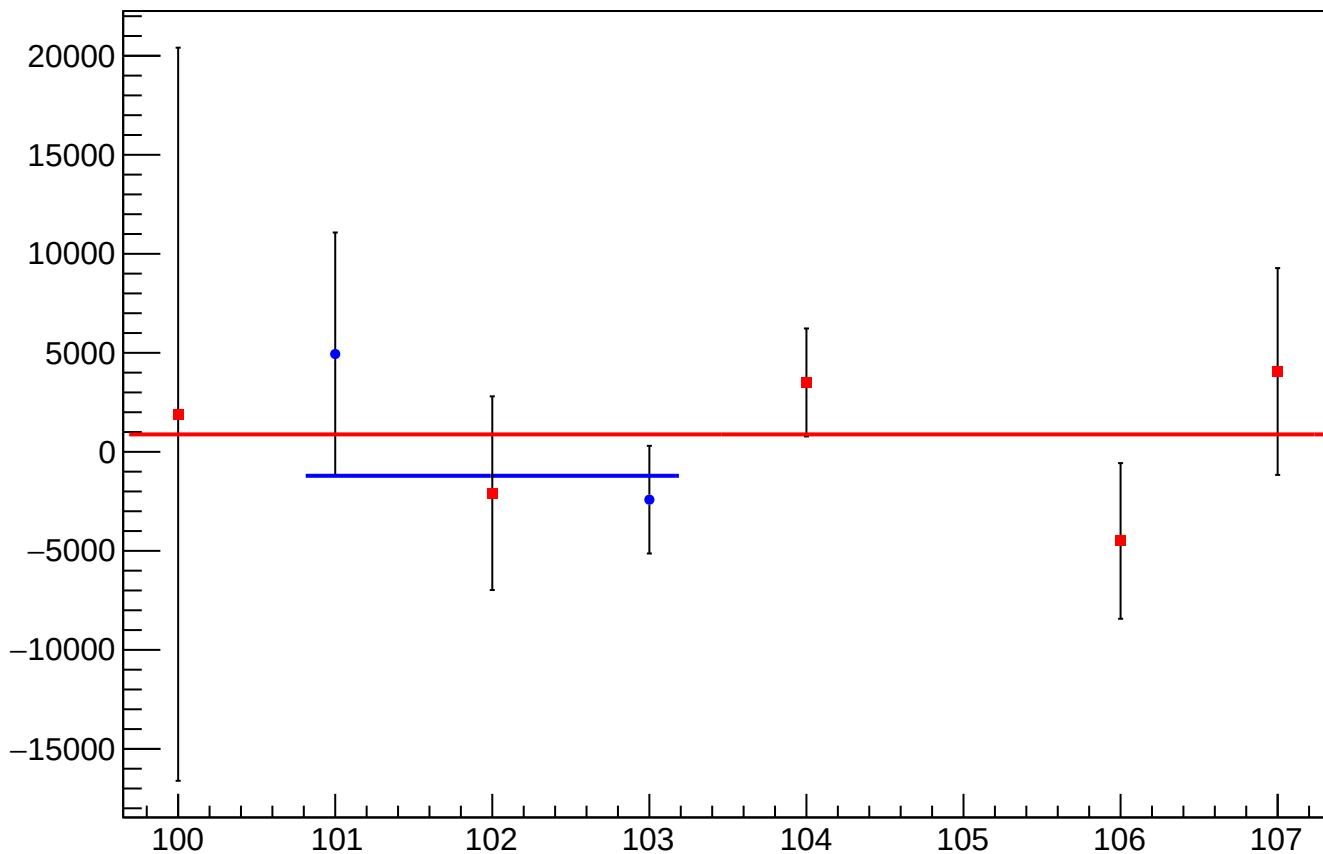
Right: 2424.032+/-1.019 χ^2/NDF : 410525.9/6

In: 3065.203+/-1.997 χ^2/NDF : 115200.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2424.032+/-1.019 χ^2/NDF : 410525.9/6

asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -1208.661+/-2485.305 χ^2/NDF : 1.2/1

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

Right Out: 881.348+/-1887.422 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

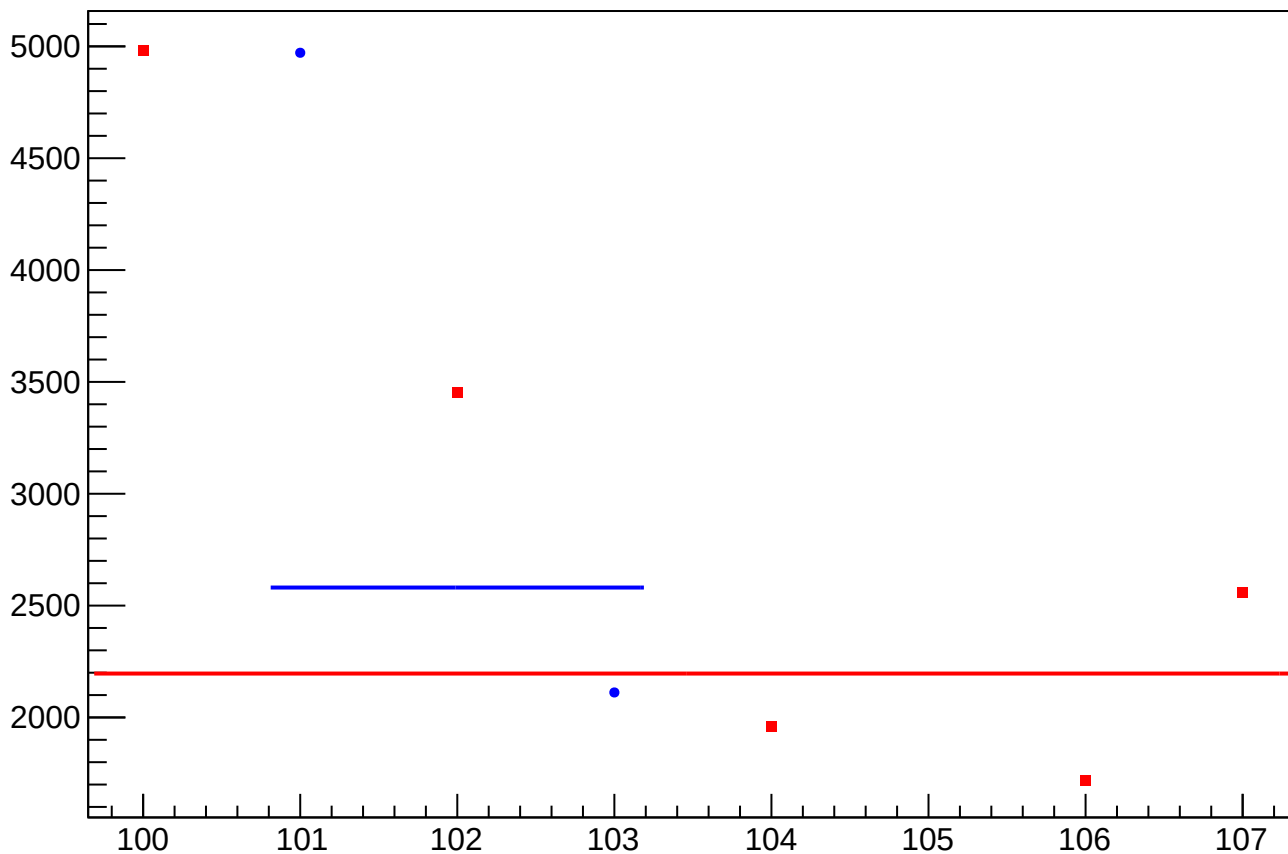
Right: 116.866+/-1503.105 χ^2/NDF : 5.2/6

In: -1208.661+/-2485.305 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.866+/-1503.105 χ^2/NDF : 5.2/6

asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 2580.738+/-1.757 χ^2/NDF : 363082.0/1

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

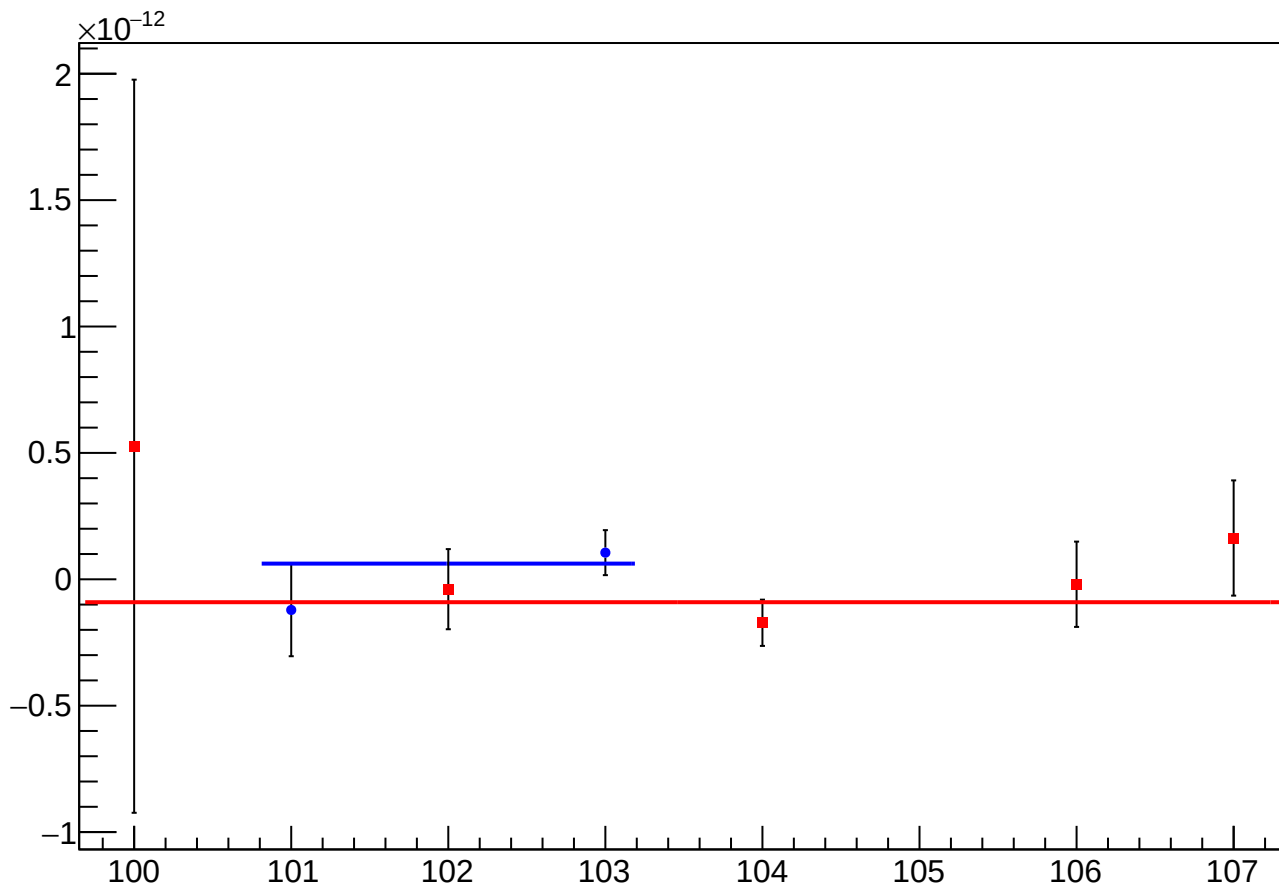
Right: 2329.951+/-1.036 χ^2/NDF : 636445.7/6

In: 2580.738+/-1.757 χ^2/NDF : 363082.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2329.951+/-1.036 χ^2/NDF : 636445.7/6

asym_usr_atr2_dd_reg_vs_slug_sign_corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 1.2/1

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

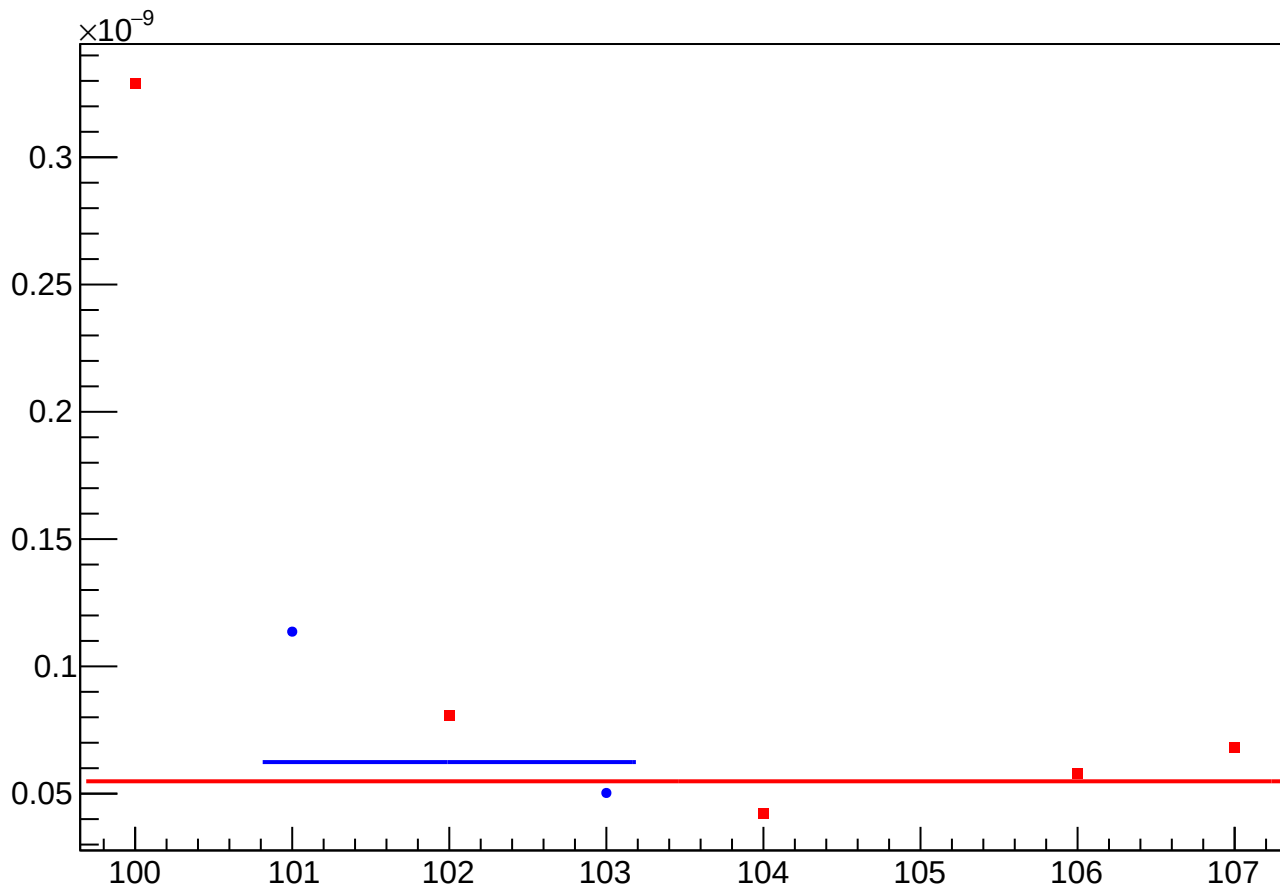
Right: -0.000+/-0.000 χ^2 /NDF: 5.8/6

In: 0.000+/-0.000 χ^2 /NDF: 1.2/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 5.8/6

asym_usr_atr2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 193949.1/1

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

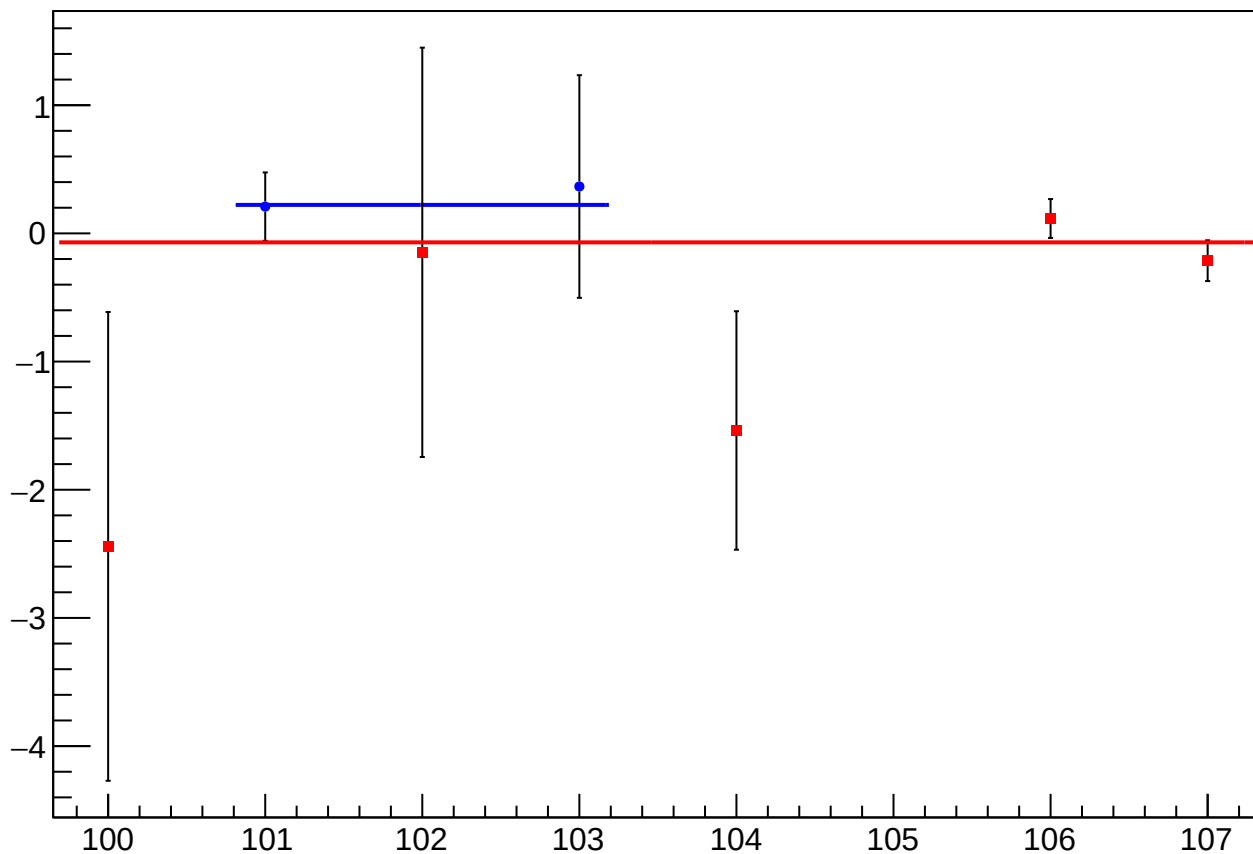
Right: 0.000+/-0.000 χ^2/NDF : 374834.7/6

In: 0.000+/-0.000 χ^2/NDF : 193949.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 374834.7/6

asym_usr_atr2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.222+/-0.255 χ^2/NDF : 0.0/1

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

Right Out: -0.070+/-0.109 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

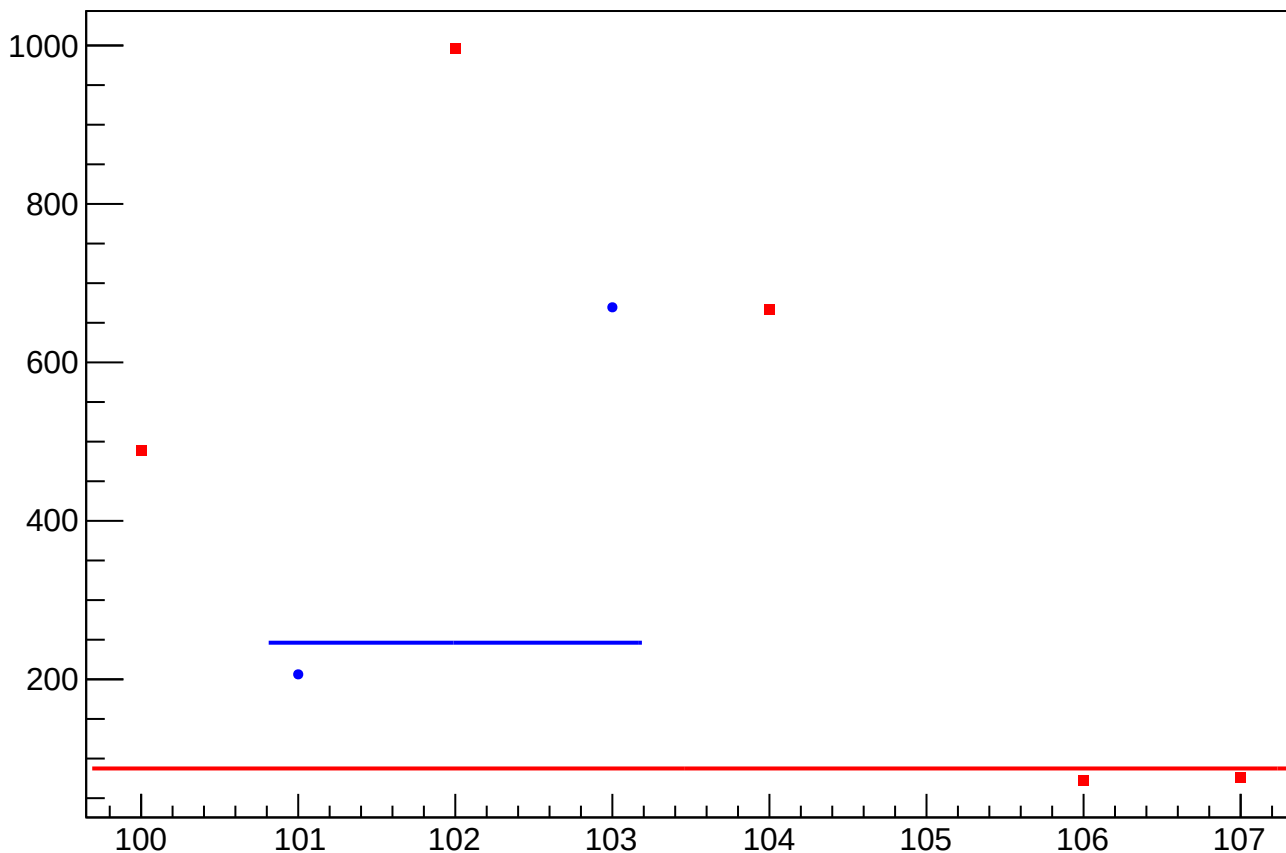
Right: -0.025+/-0.100 χ^2/NDF : 7.6/6

In: 0.222+/-0.255 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.025+/-0.100 χ^2/NDF : 7.6/6

asym_usr_atr2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 246.223+/-0.180 χ^2/NDF : 519958.0/1

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

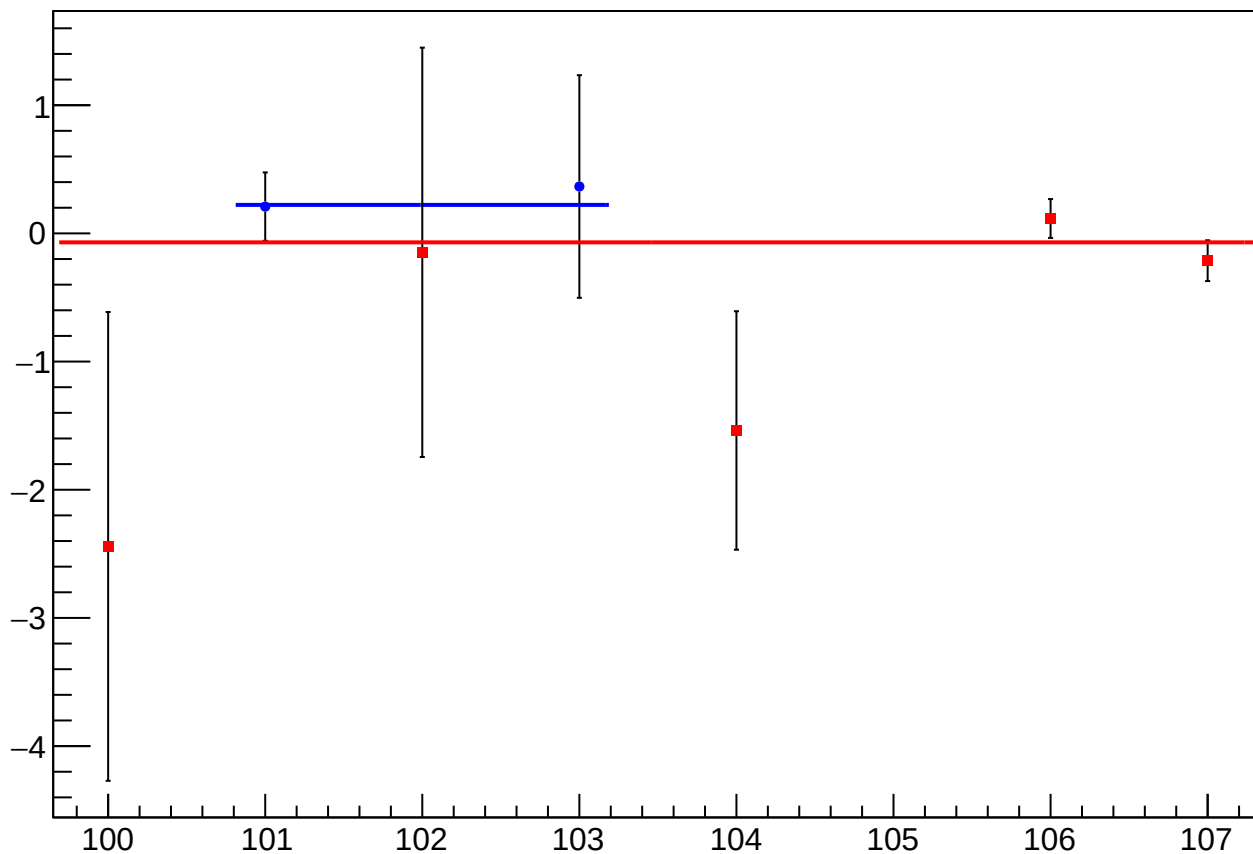
Right: 111.829+/-0.071 χ^2/NDF : 2729379.7/6

In: 246.223+/-0.180 χ^2/NDF : 519958.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.829+/-0.071 χ^2/NDF : 2729379.7/6

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.222 $\pm$ 0.255 χ^2 /NDF: 0.0/1

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

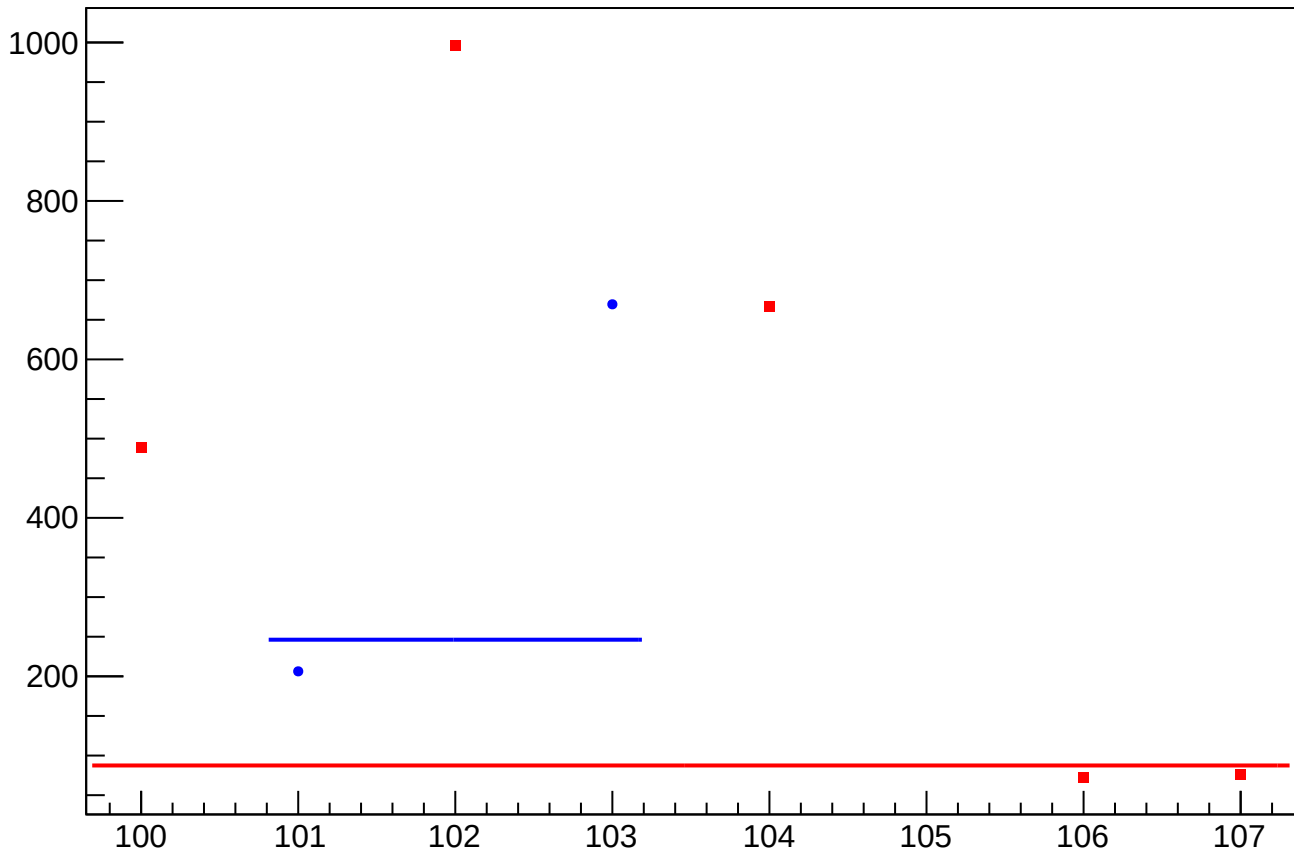
Right: -0.025 $\pm$ 0.100 χ^2 /NDF: 7.6/6

In: 0.222 $\pm$ 0.255 χ^2 /NDF: 0.0/1

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

All: -0.025 $\pm$ 0.100 χ^2 /NDF: 7.6/6

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 246.223+/-0.180 χ^2/NDF : 519958.0/1

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

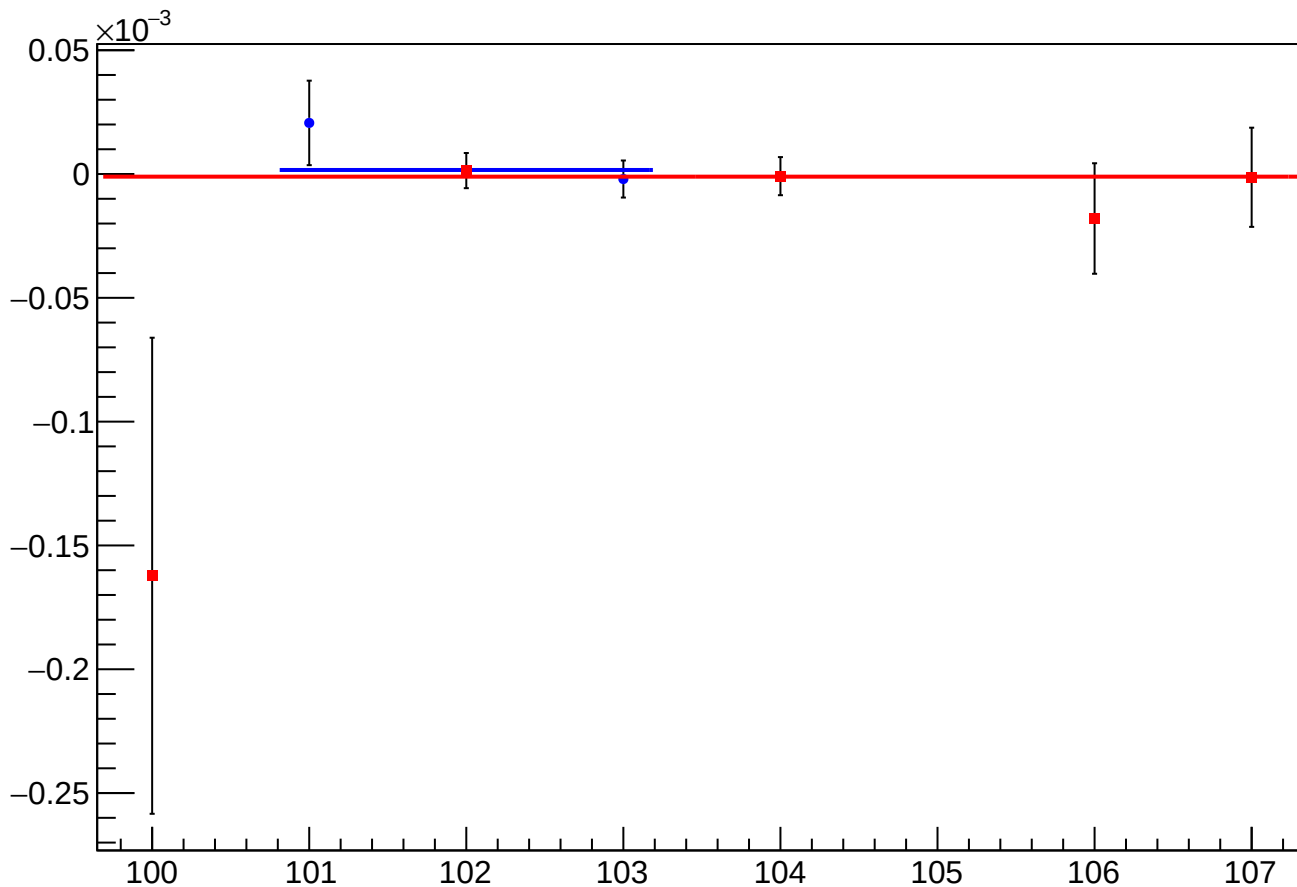
Right: 111.829+/-0.071 χ^2/NDF : 2729379.7/6

In: 246.223+/-0.180 χ^2/NDF : 519958.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.829+/-0.071 χ^2/NDF : 2729379.7/6

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.5/1

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

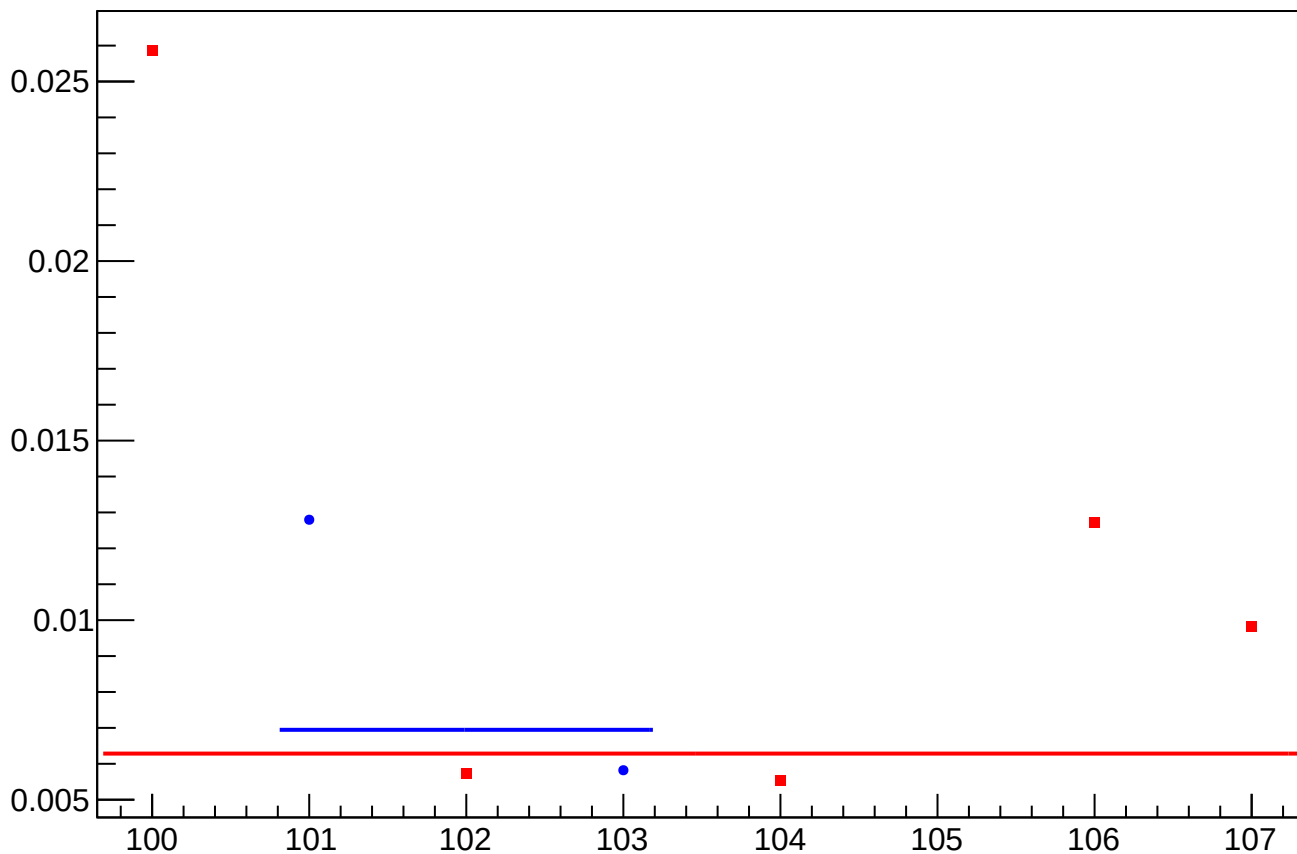
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.1/6

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.5/1

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.1/6

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 280431.7/1

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

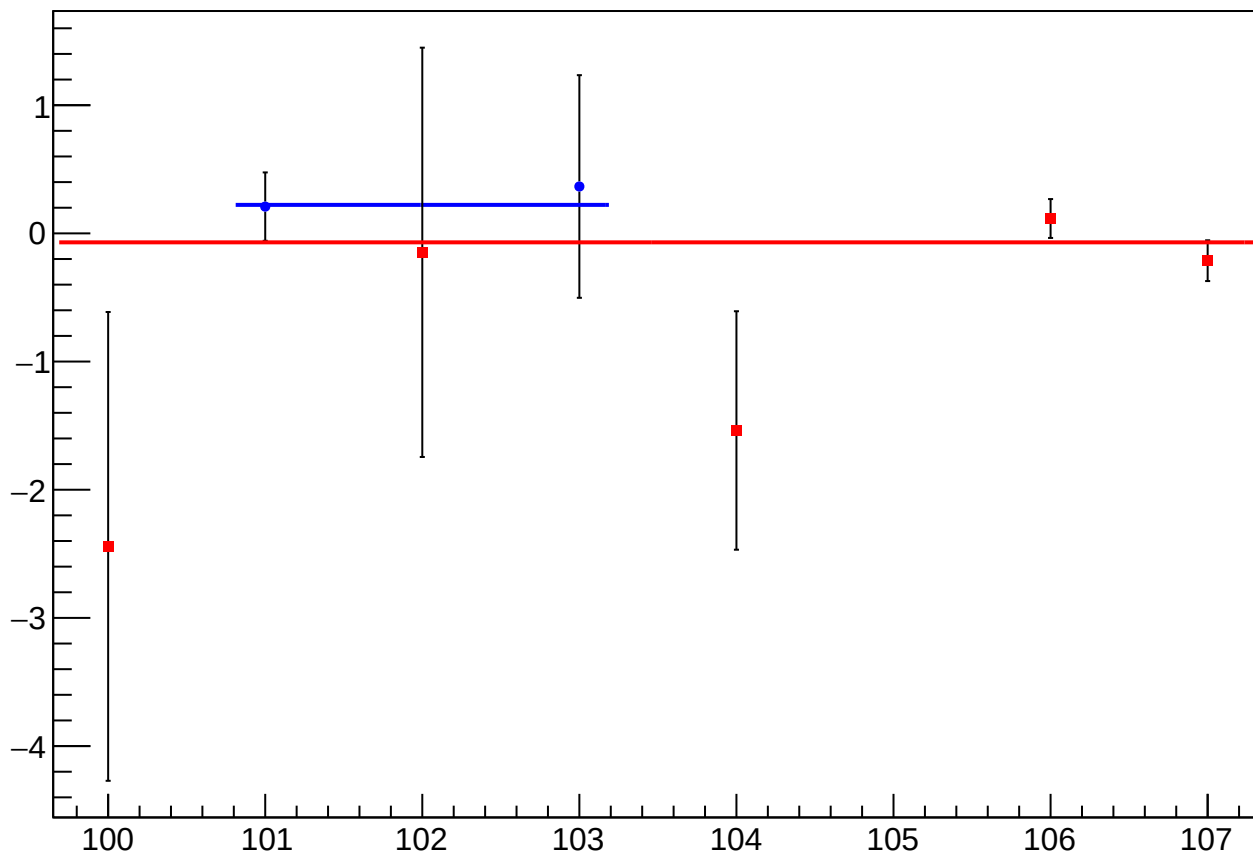
Right: 0.007+/-0.000 χ^2/NDF : 636031.8/6

In: 0.007+/-0.000 χ^2/NDF : 280431.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 636031.8/6

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.222 $\pm$ 0.255 χ^2 /NDF: 0.0/1

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

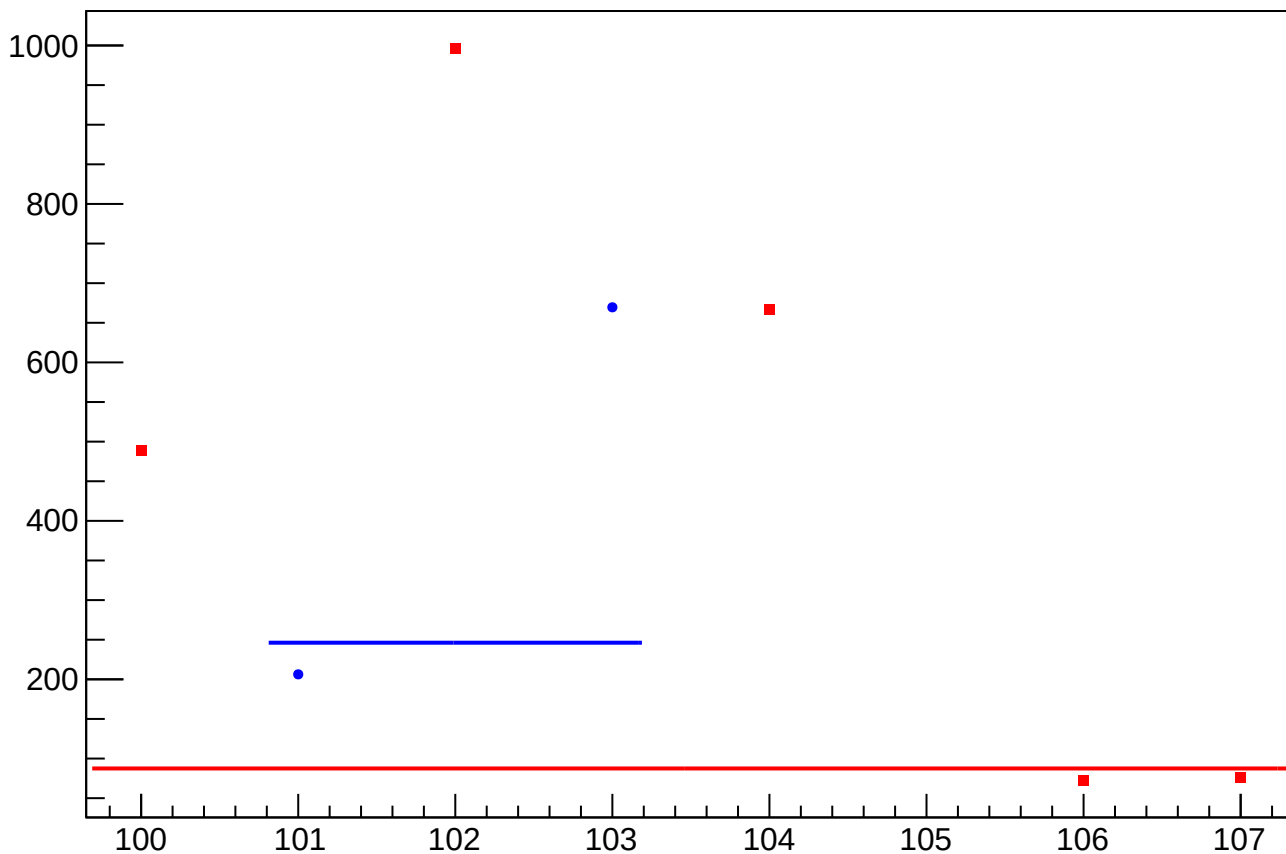
Right: -0.025 $\pm$ 0.100 χ^2 /NDF: 7.6/6

In: 0.222 $\pm$ 0.255 χ^2 /NDF: 0.0/1

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

All: -0.025 $\pm$ 0.100 χ^2 /NDF: 7.6/6

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 246.222+/-0.180 χ^2/NDF : 519961.9/1

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

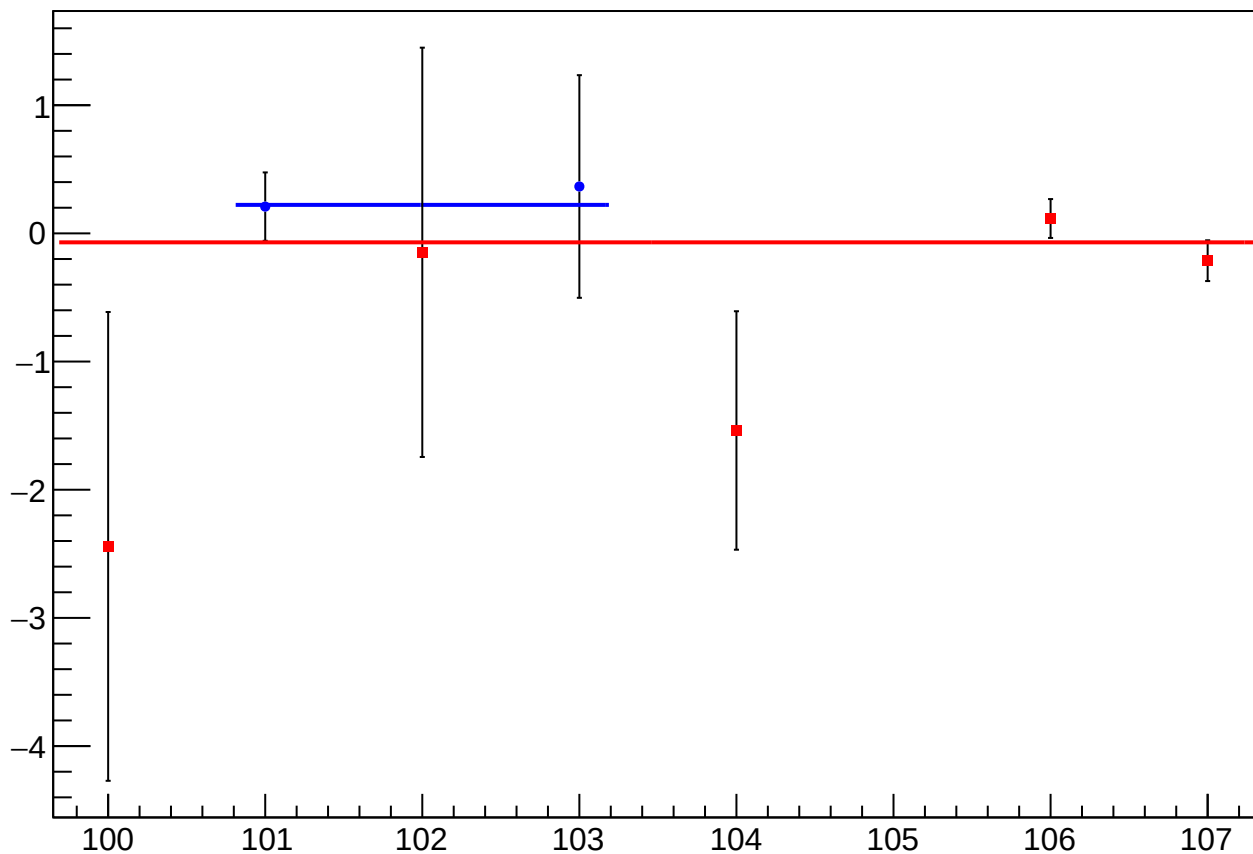
Right: 111.830+/-0.071 χ^2/NDF : 2729374.2/6

In: 246.222+/-0.180 χ^2/NDF : 519961.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.830+/-0.071 χ^2/NDF : 2729374.2/6

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.222+/-0.255 χ^2/NDF : 0.0/1

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

Right Out: -0.070+/-0.109 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

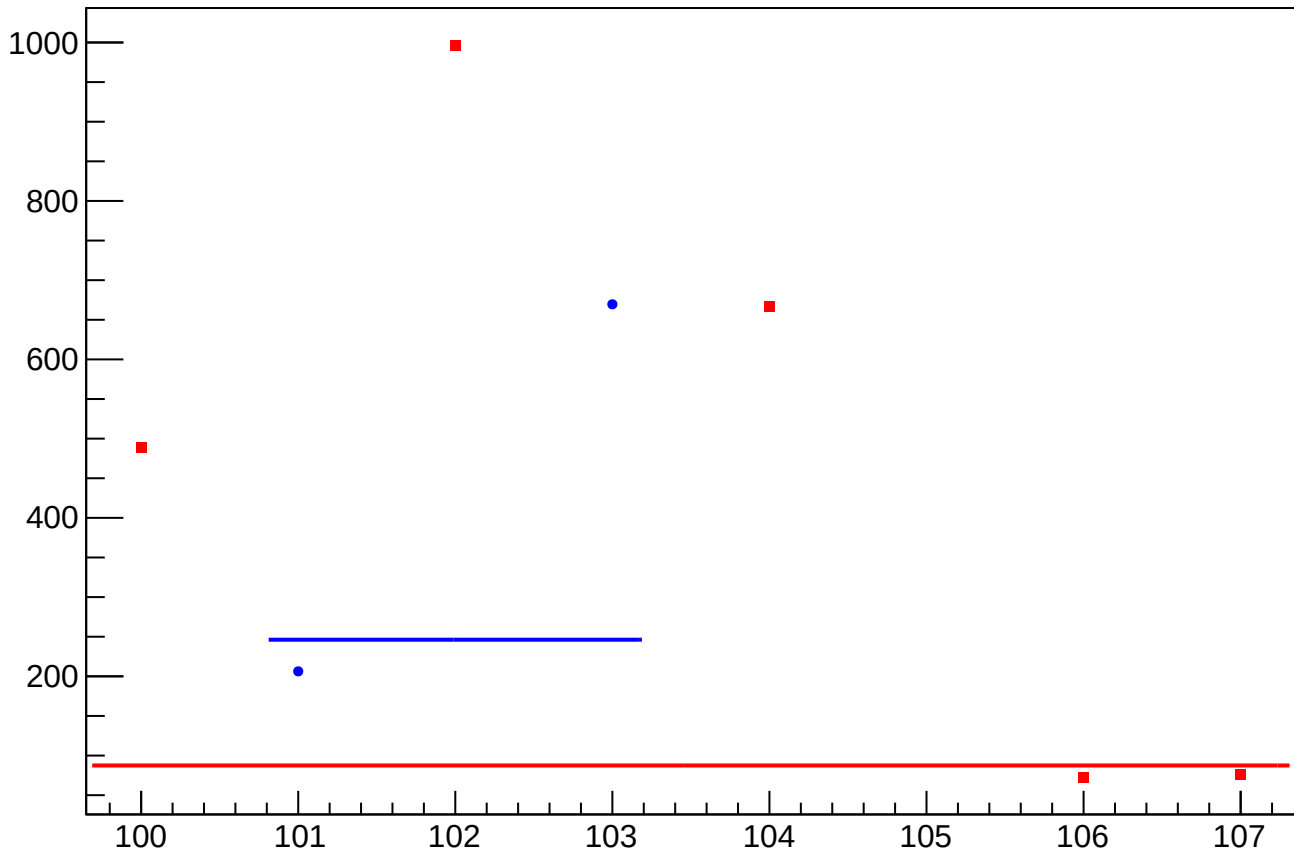
Right: -0.025+/-0.100 χ^2/NDF : 7.6/6

In: 0.222+/-0.255 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.025+/-0.100 χ^2/NDF : 7.6/6

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 246.222+/-0.180 χ^2 /NDF: 519961.9/1

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

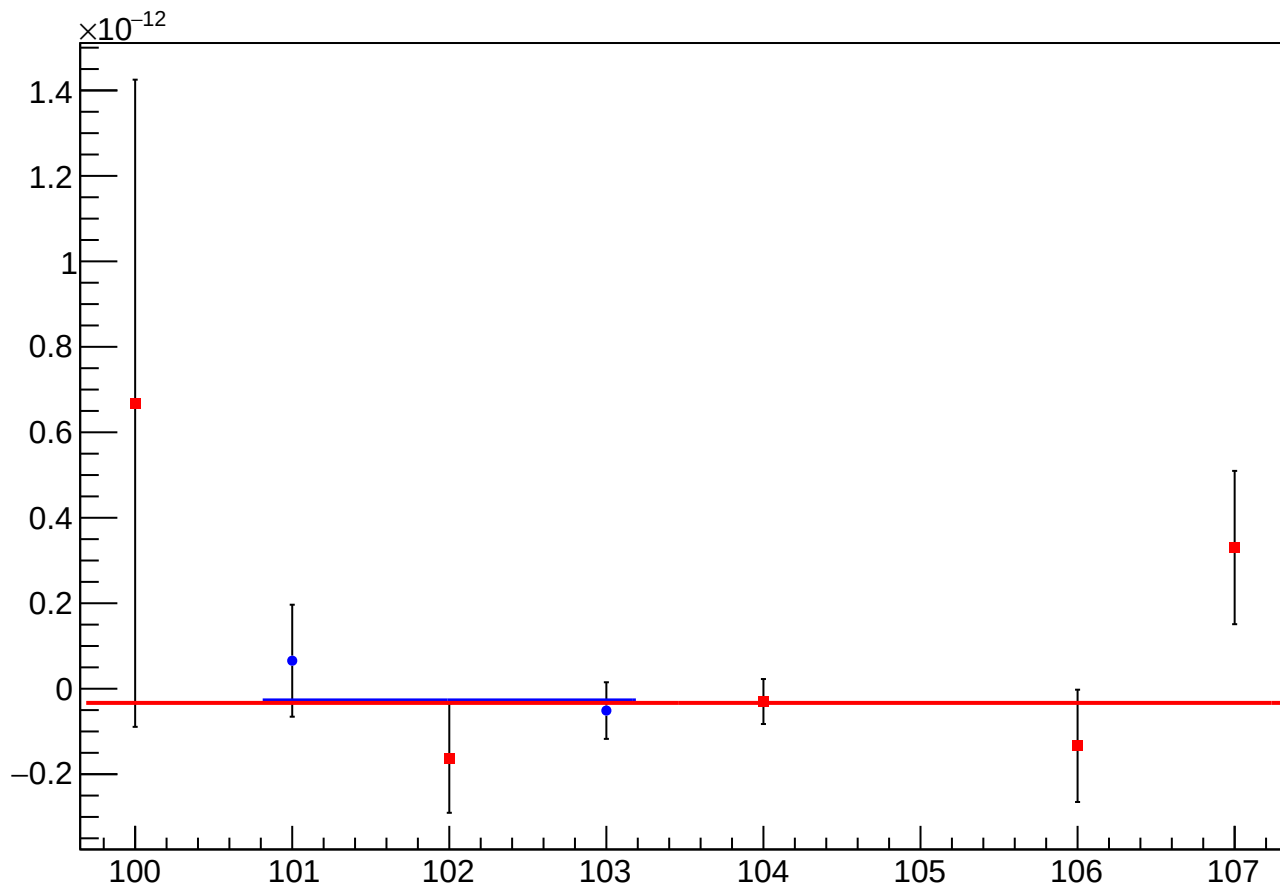
Right: 111.830+/-0.071 χ^2 /NDF: 2729374.2/6

In: 246.222+/-0.180 χ^2 /NDF:519961.9/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 111.830+/-0.071 χ^2 /NDF: 2729374.2/6

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.6/1

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

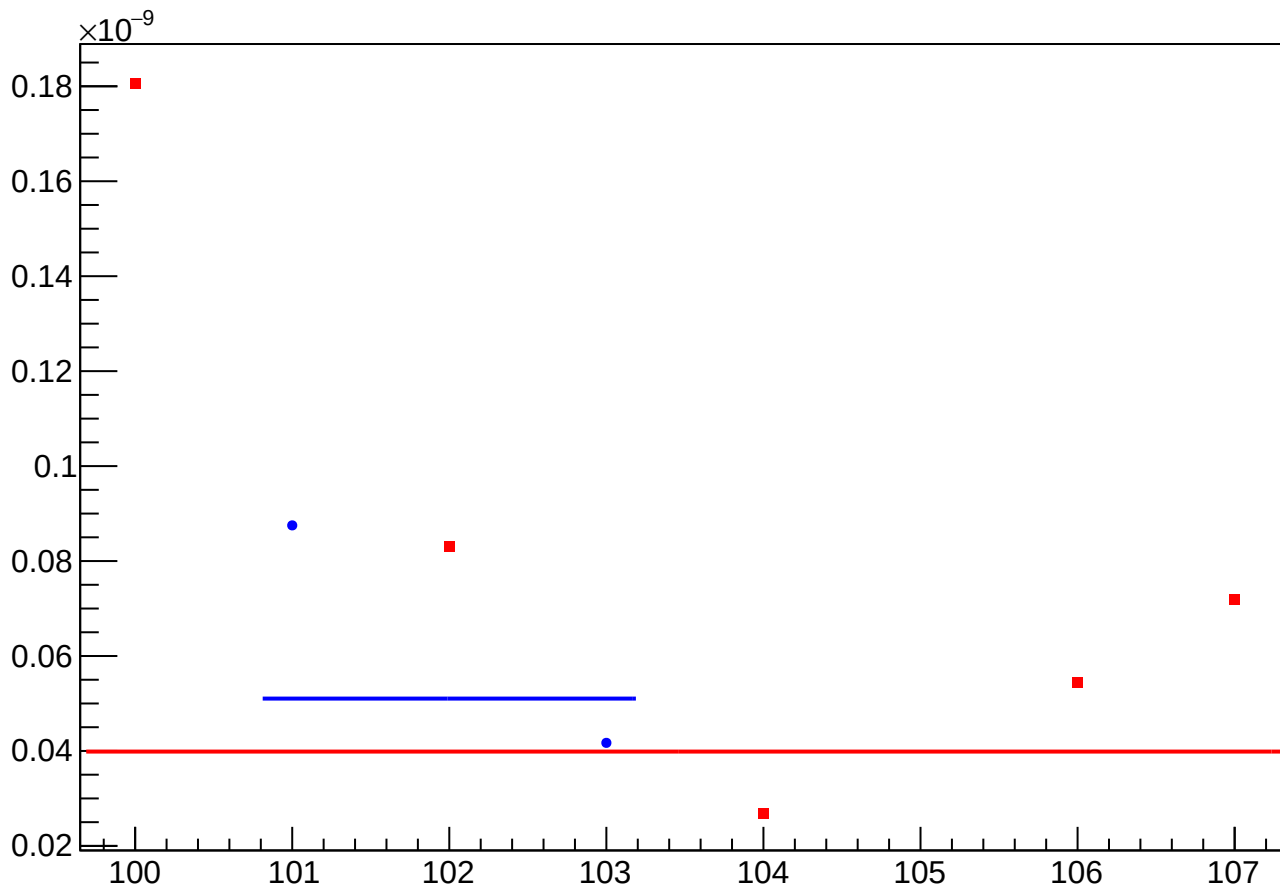
Right: -0.000+/-0.000 χ^2/NDF : 7.2/6

In: -0.000+/-0.000 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.2/6

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 194675.4/1

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

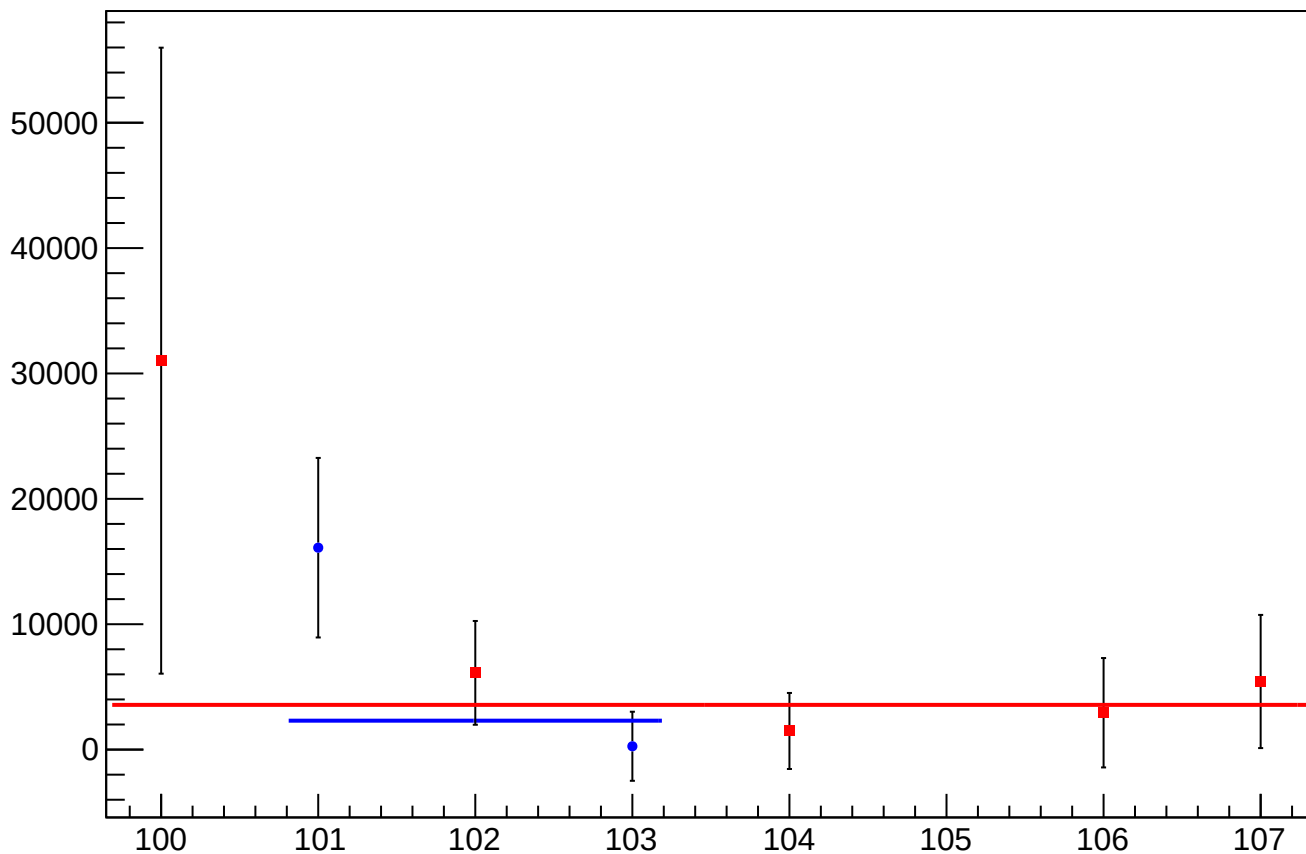
Right: 0.000+/-0.000 χ^2/NDF : 748160.0/6

In: 0.000+/-0.000 χ^2/NDF : 194675.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 748160.0/6

reg_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2306.035+/-2570.707 χ^2 /NDF: 4.3/1

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

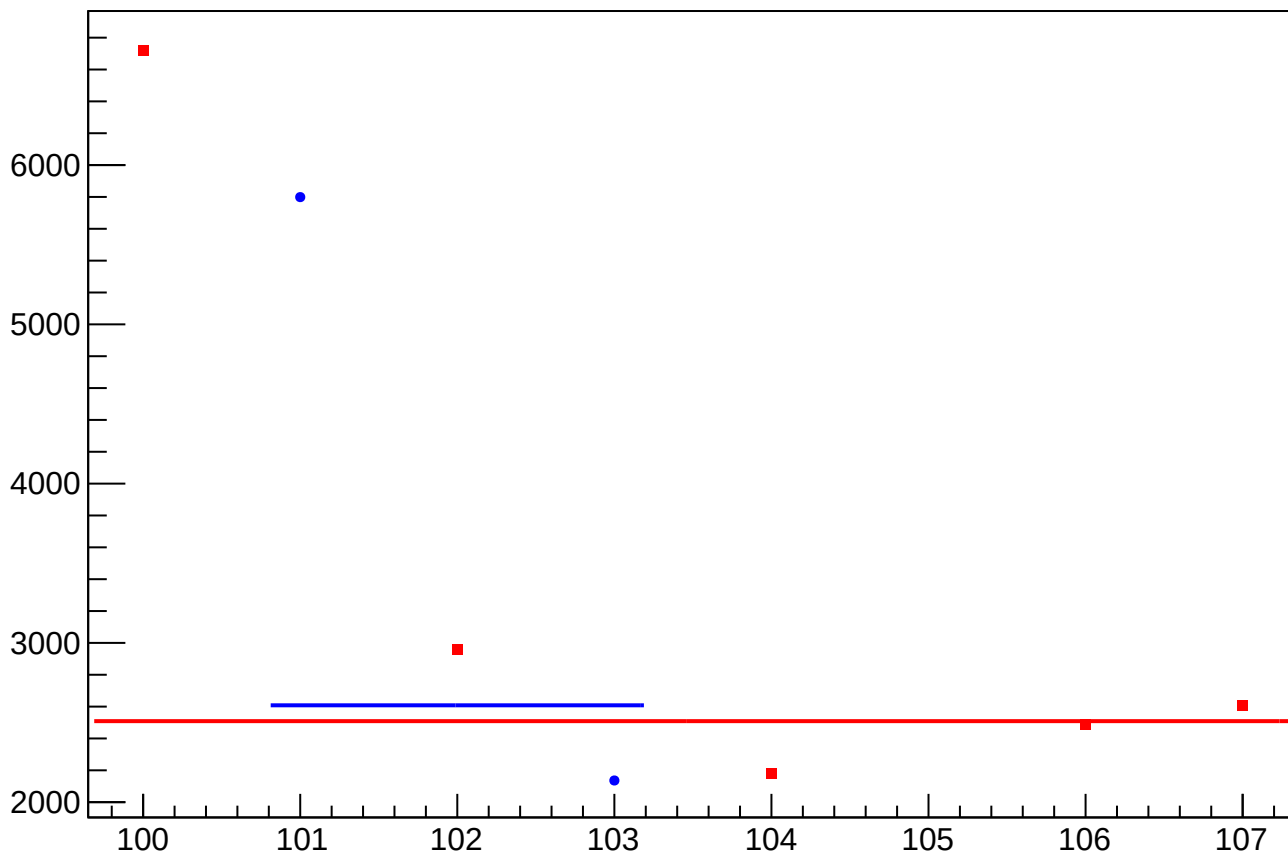
Right: 3098.848+/-1565.464 χ^2 /NDF: 6.6/6

In: 2306.035+/-2570.707 χ^2 /NDF: 4.3/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 3098.848+/-1565.464 χ^2 /NDF: 6.6/6

reg_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2608.165+/-1.818 χ^2/NDF : 455813.7/1

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

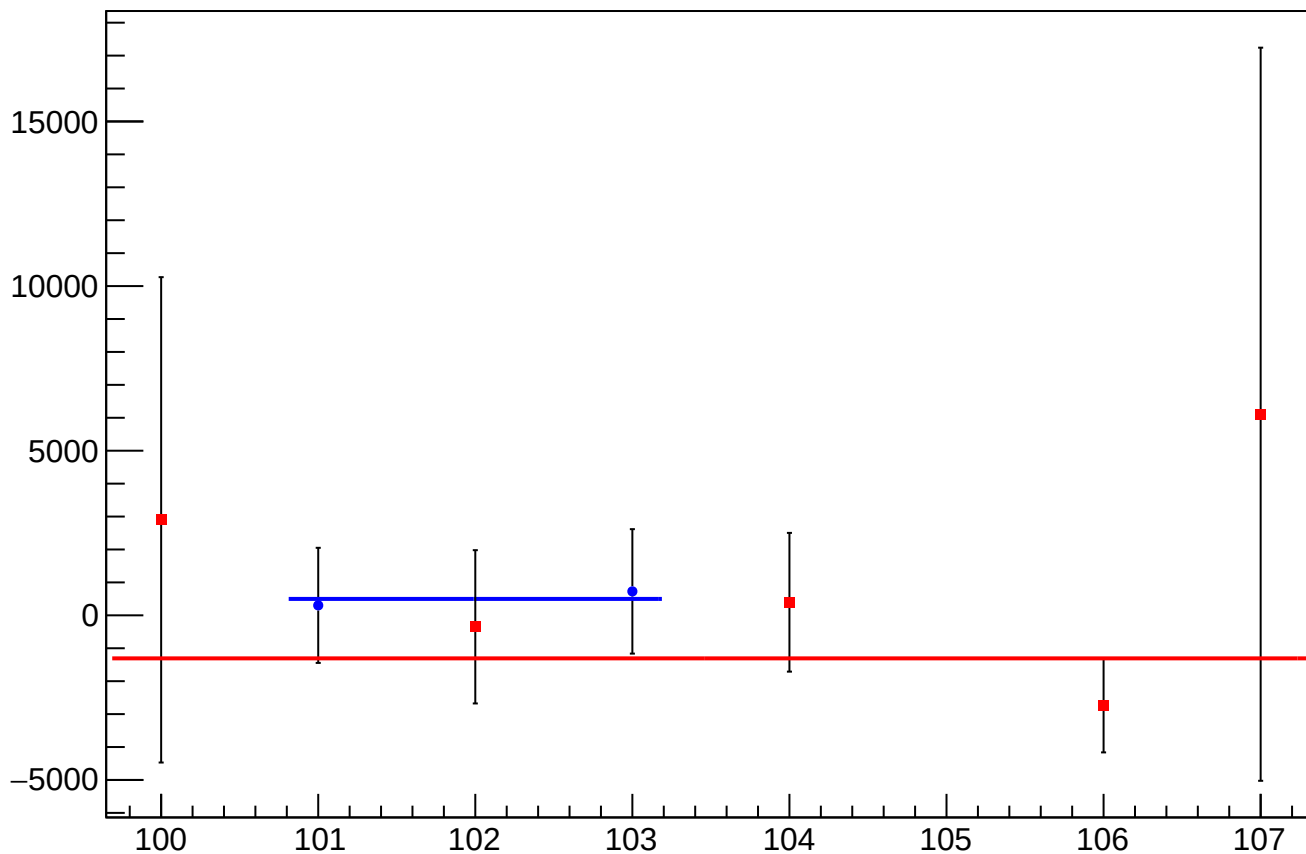
Right: 2545.607+/-1.107 χ^2/NDF : 562314.2/6

In: 2608.165+/-1.818 χ^2/NDF : 455813.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2545.607+/-1.107 χ^2/NDF : 562314.2/6

asym_us_avg_at1lr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 498.565+/-1283.314 χ^2/NDF : 0.0/1

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

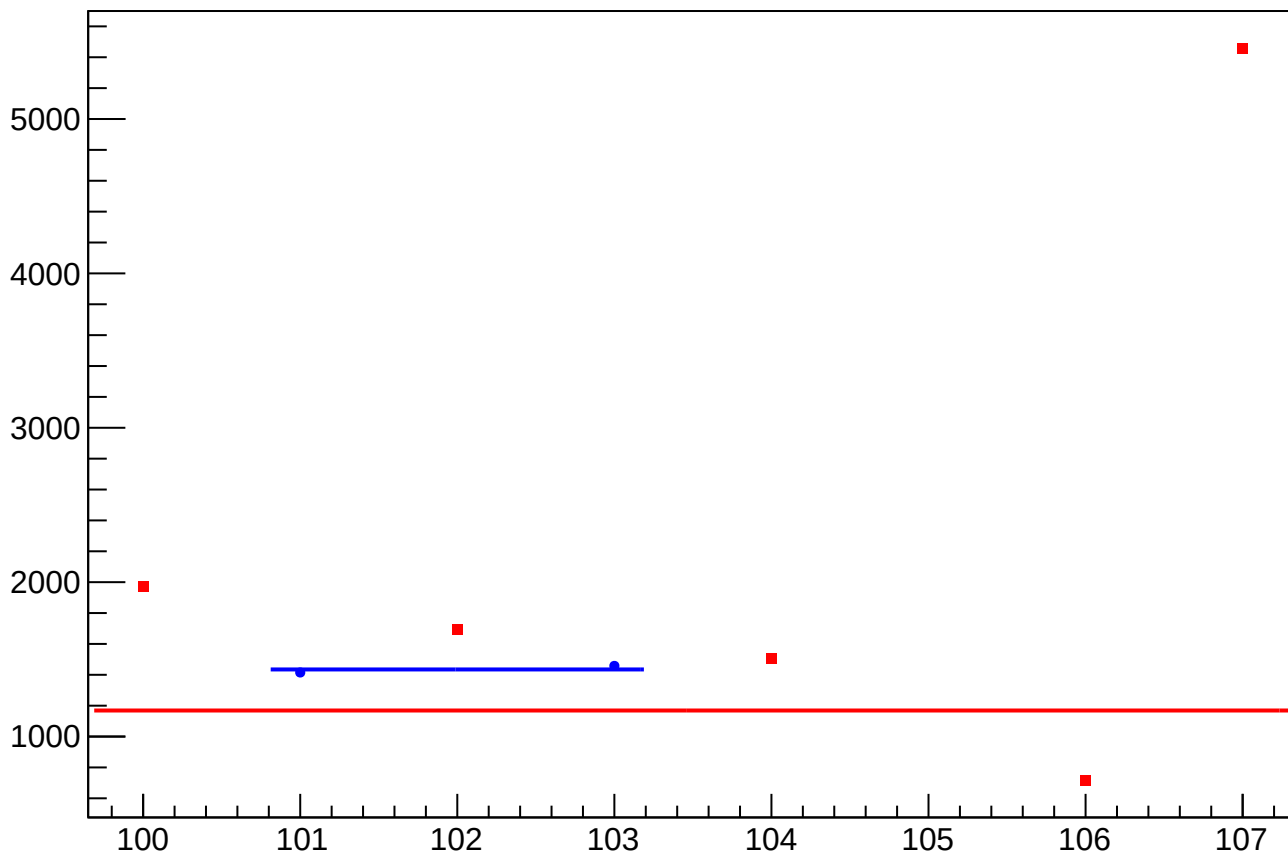
Right: -591.864+/-807.702 χ^2/NDF : 3.8/6

In: 498.565+/-1283.314 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -591.864+/-807.702 χ^2/NDF : 3.8/6

asym_us_avg_at1lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1434.658+/-0.907 χ^2/NDF : 548.2/1

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

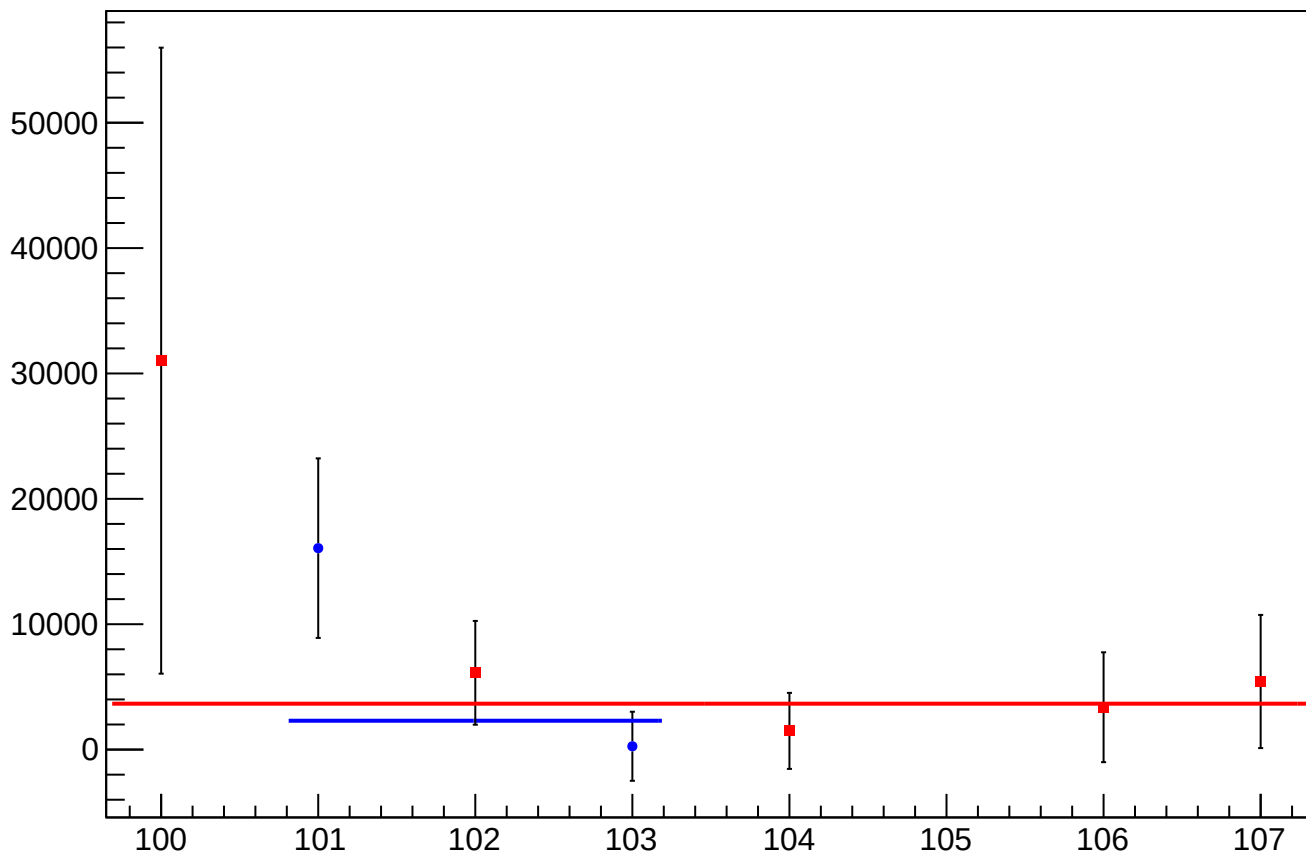
Right: 1274.086+/-0.571 χ^2/NDF : 727647.2/6

In: 1434.658+/-0.907 χ^2/NDF : 548.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1274.086+/-0.571 χ^2/NDF : 727647.2/6

cor_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2300.820+/-2570.710 χ^2/NDF : 4.2/1

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

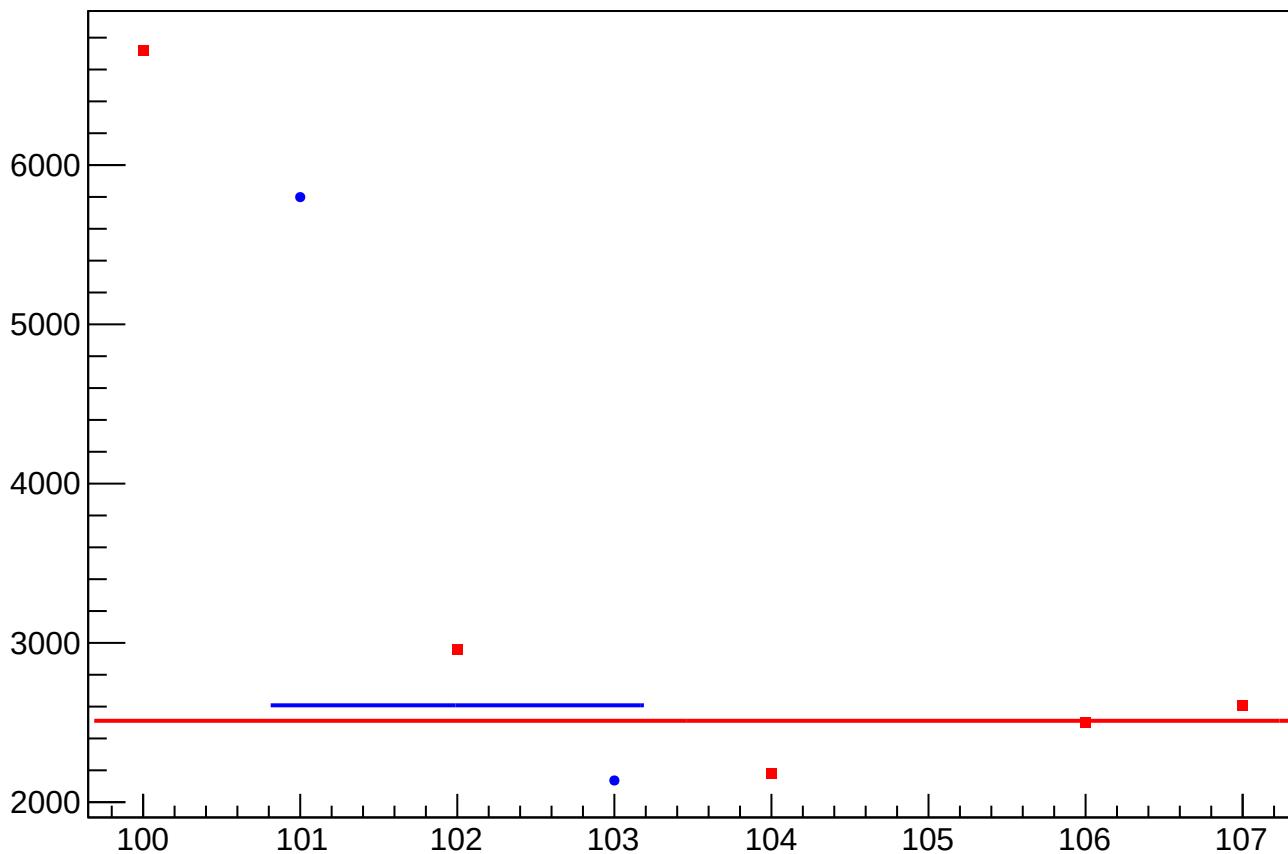
Right: 3155.290+/-1566.338 χ^2/NDF : 6.6/6

In: 2300.820+/-2570.710 χ^2/NDF : 4.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3155.290+/-1566.338 χ^2/NDF : 6.6/6

cor_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2608.165+/-1.818 χ^2/NDF : 455814.3/1

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

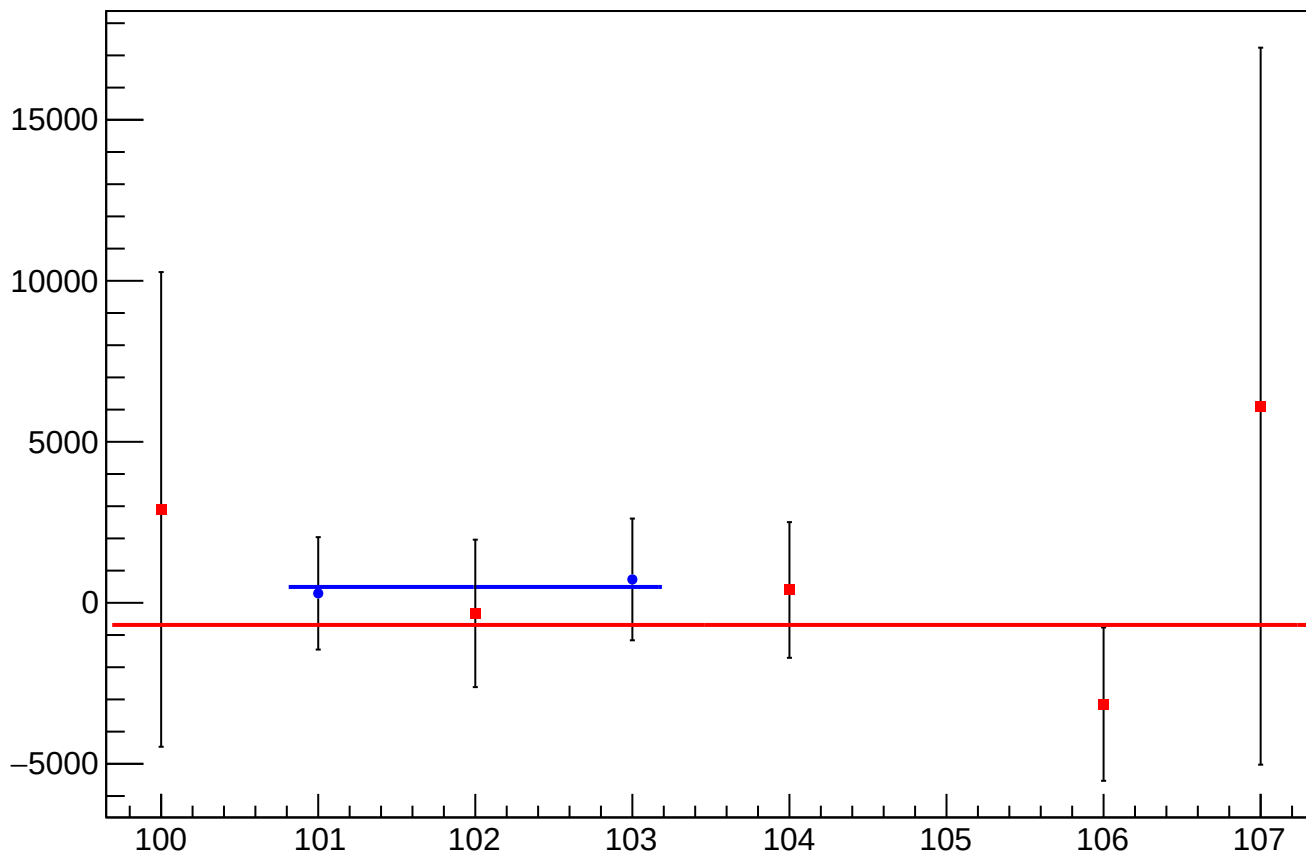
Right: 2547.041+/-1.108 χ^2/NDF : 562198.2/6

In: 2608.165+/-1.818 χ^2/NDF : 455814.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2547.041+/-1.108 χ^2/NDF : 562198.2/6

asym_us_avg_at1lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 492.829+/-1282.354 χ^2/NDF : 0.0/1

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

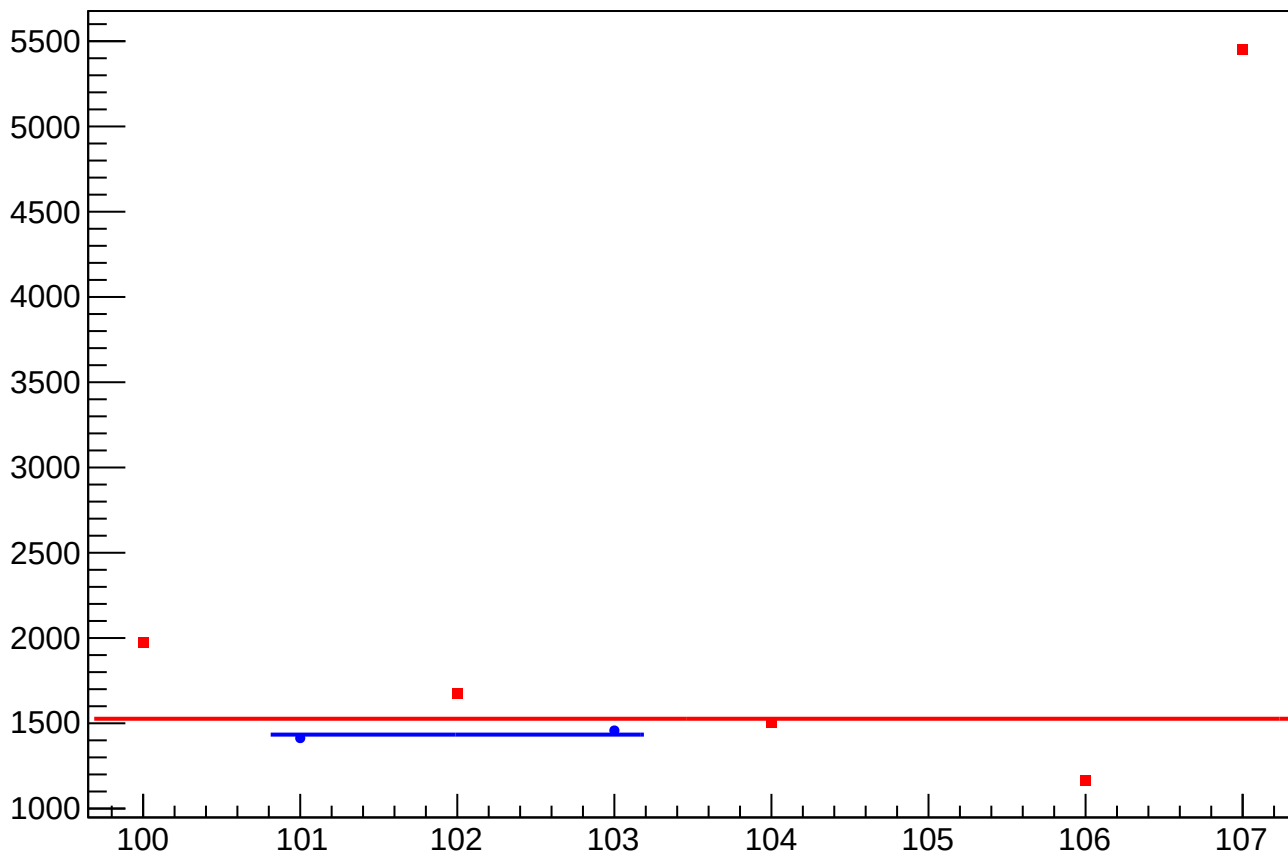
Right: -102.197+/-902.772 χ^2/NDF : 2.4/6

In: 492.829+/-1282.354 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -102.197+/-902.772 χ^2/NDF : 2.4/6

asym_us_avg_at1lr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1433.611+/-0.907 χ^2/NDF : 604.4/1

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

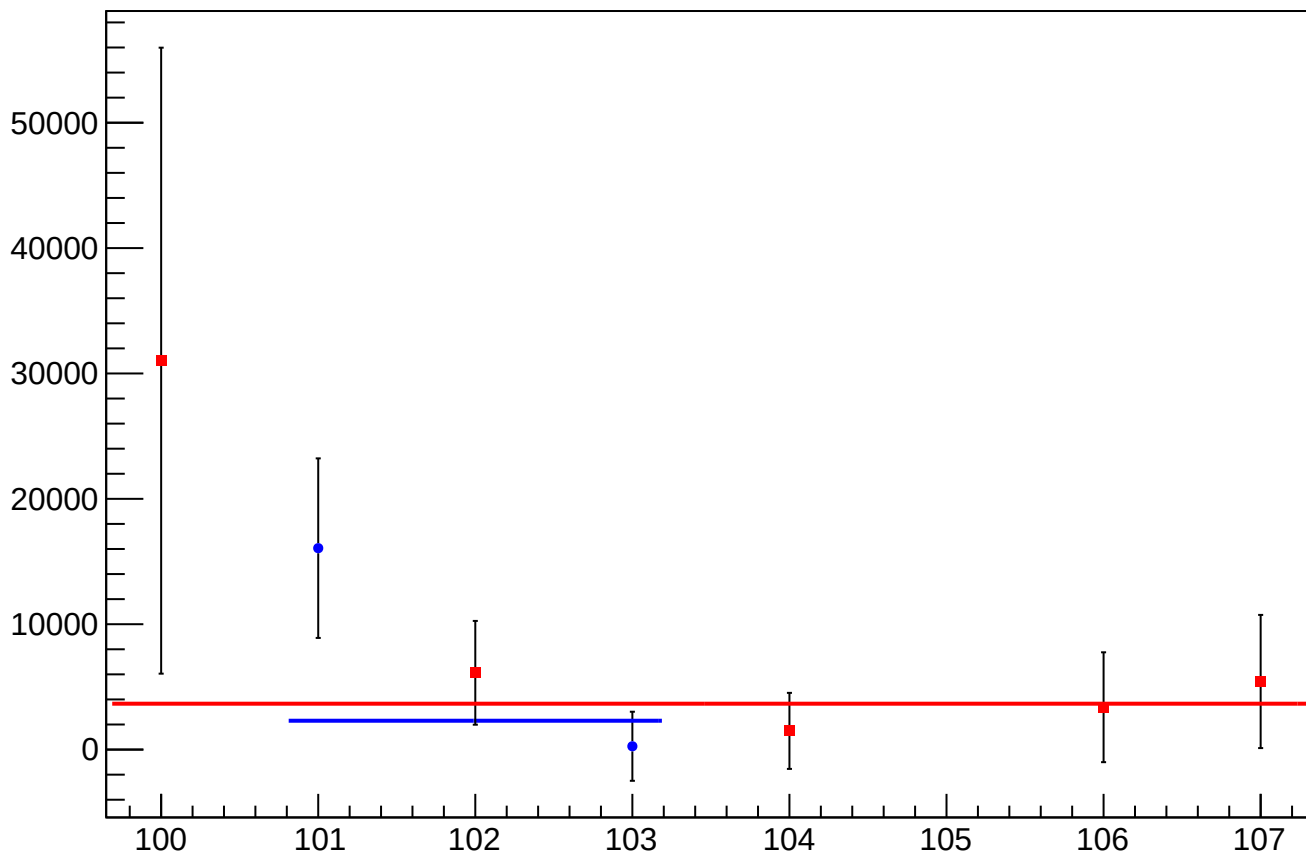
Right: 1480.512+/-0.638 χ^2/NDF : 317140.6/6

In: 1433.611+/-0.907 χ^2/NDF : 604.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1480.512+/-0.638 χ^2/NDF : 317140.6/6

eigen_cor_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2300.820+/-2570.710 χ^2/NDF : 4.2/1

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

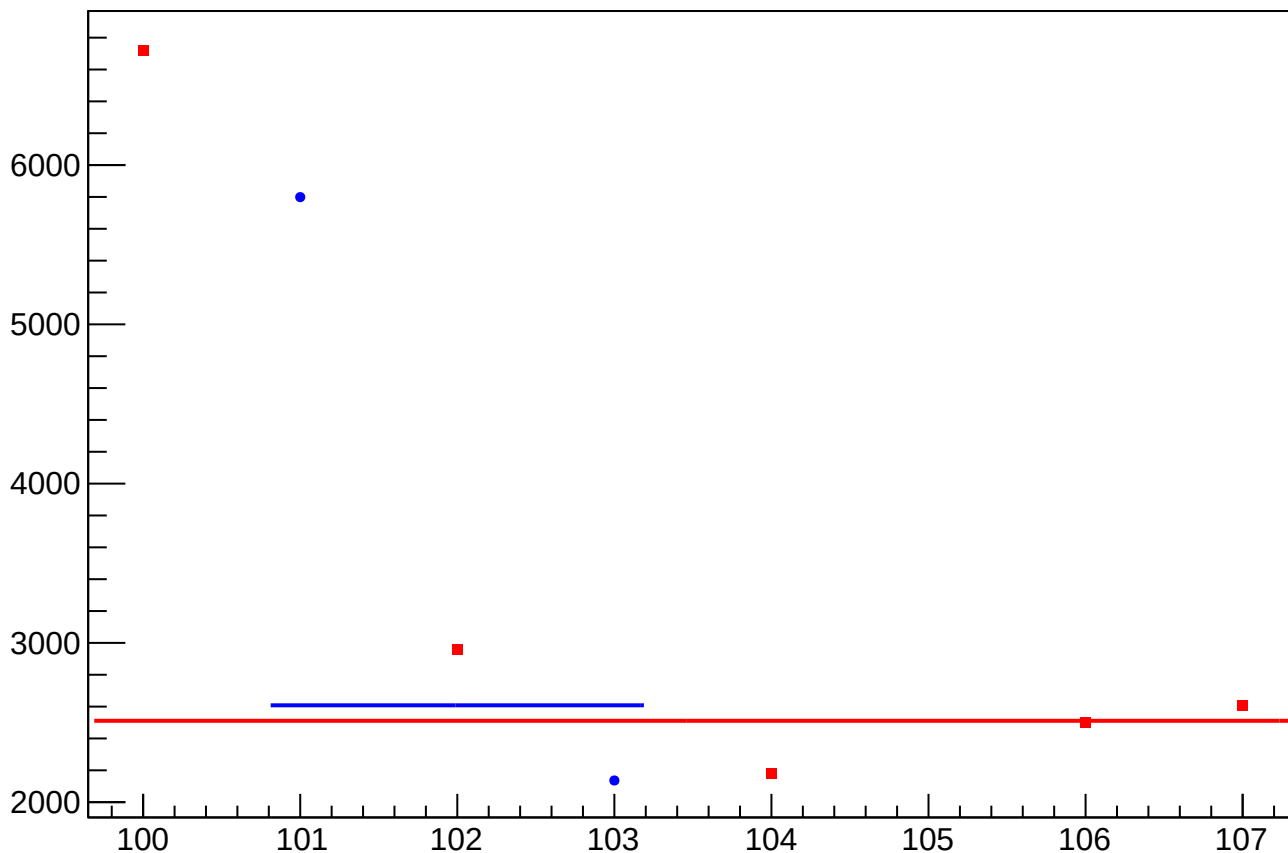
Right: 3155.290+/-1566.338 χ^2/NDF : 6.6/6

In: 2300.820+/-2570.710 χ^2/NDF : 4.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3155.290+/-1566.338 χ^2/NDF : 6.6/6

eigen_cor_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2608.165+/-1.818 χ^2/NDF : 455814.3/1

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

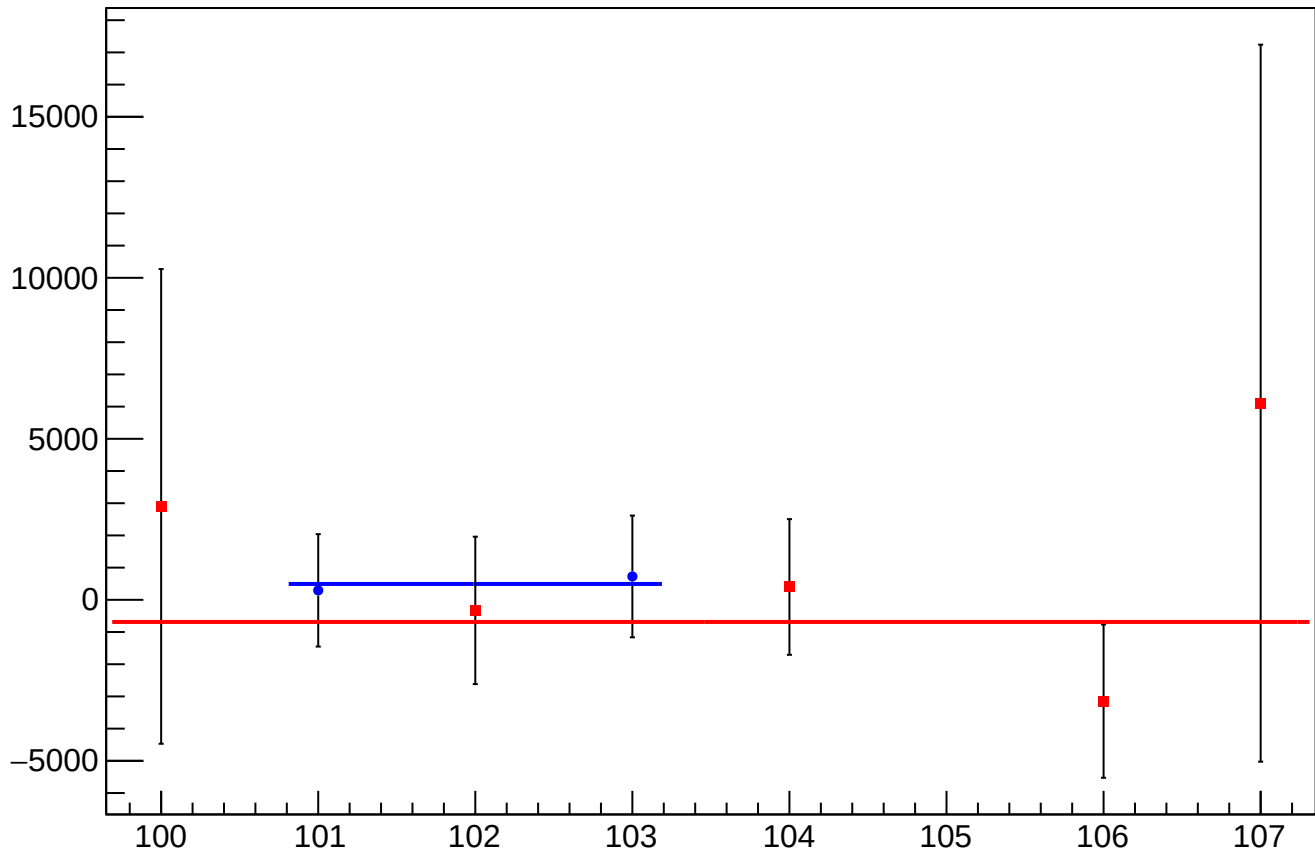
Right: 2547.041+/-1.108 χ^2/NDF : 562198.2/6

In: 2608.165+/-1.818 χ^2/NDF : 455814.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2547.041+/-1.108 χ^2/NDF : 562198.2/6

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 492.829+/-1282.354 χ^2/NDF : 0.0/1

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

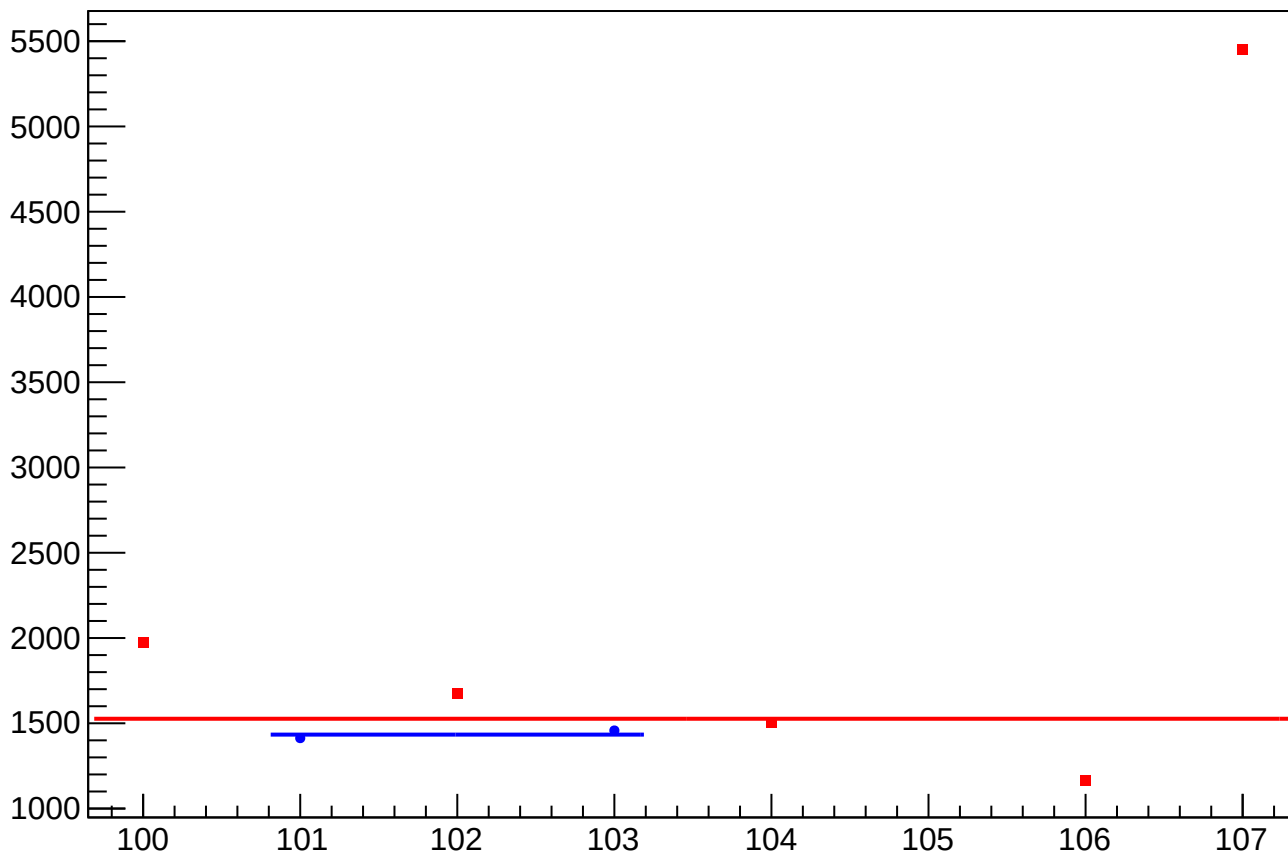
Right: -102.197+/-902.772 χ^2/NDF : 2.4/6

In: 492.829+/-1282.354 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -102.197+/-902.772 χ^2/NDF : 2.4/6

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1433.611+/-0.907 χ^2/NDF : 604.4/1

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

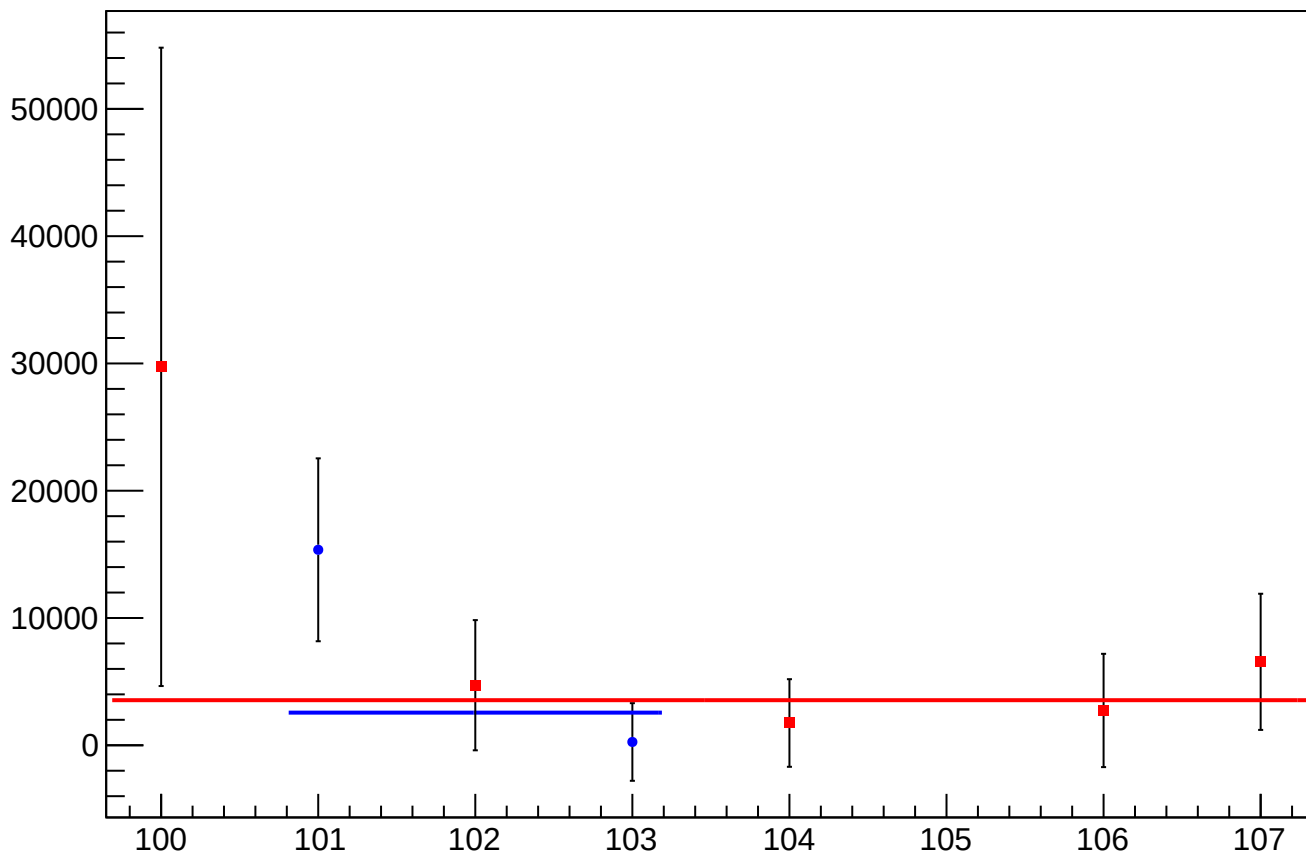
Right: 1480.512+/-0.638 χ^2/NDF : 317140.6/6

In: 1433.611+/-0.907 χ^2/NDF : 604.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1480.512+/-0.638 χ^2/NDF : 317140.6/6

dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2564.941+/-2807.855 χ^2/NDF : 3.7/1

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

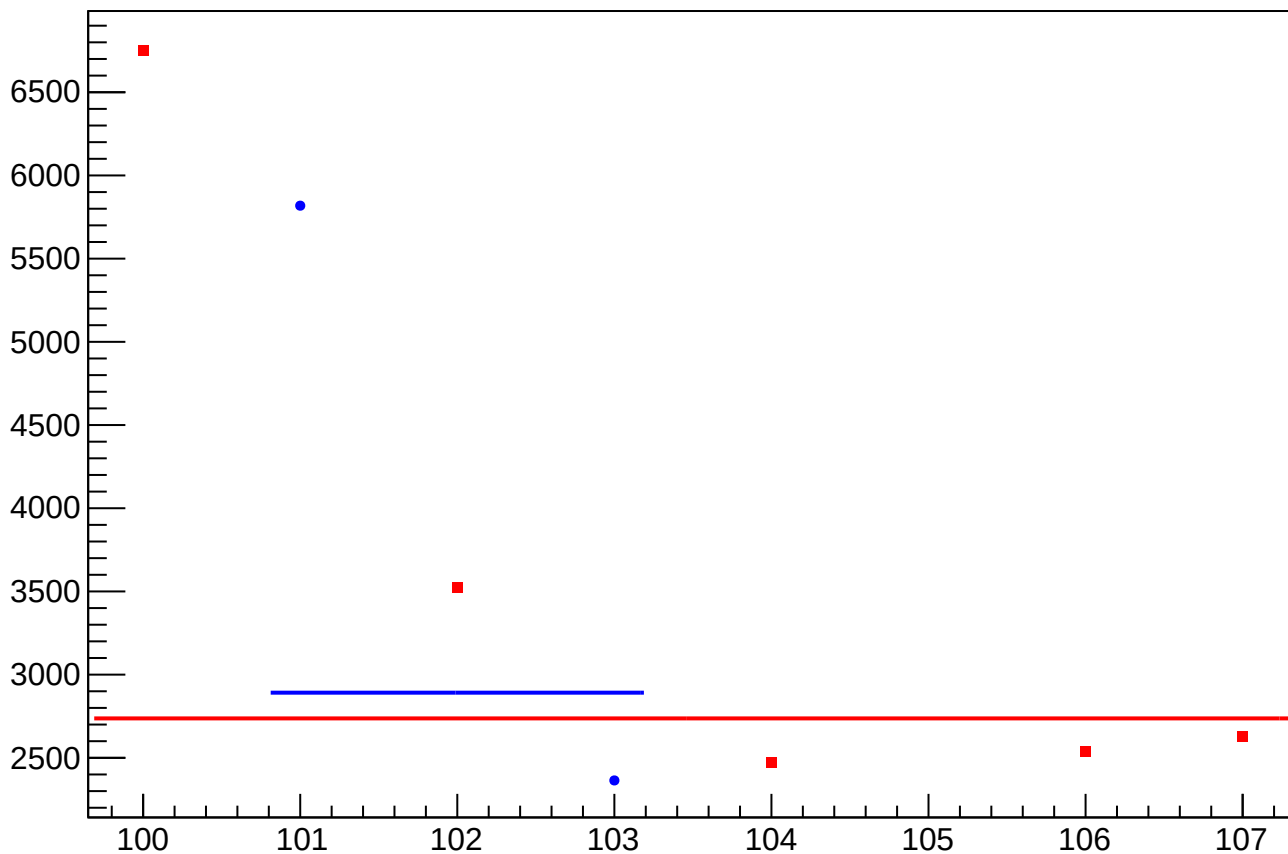
Right: 3173.810+/-1723.960 χ^2/NDF : 5.6/6

In: 2564.941+/-2807.855 χ^2/NDF : 3.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3173.810+/-1723.960 χ^2/NDF : 5.6/6

dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2891.593+/-1.985 χ^2/NDF : 391608.6/1

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

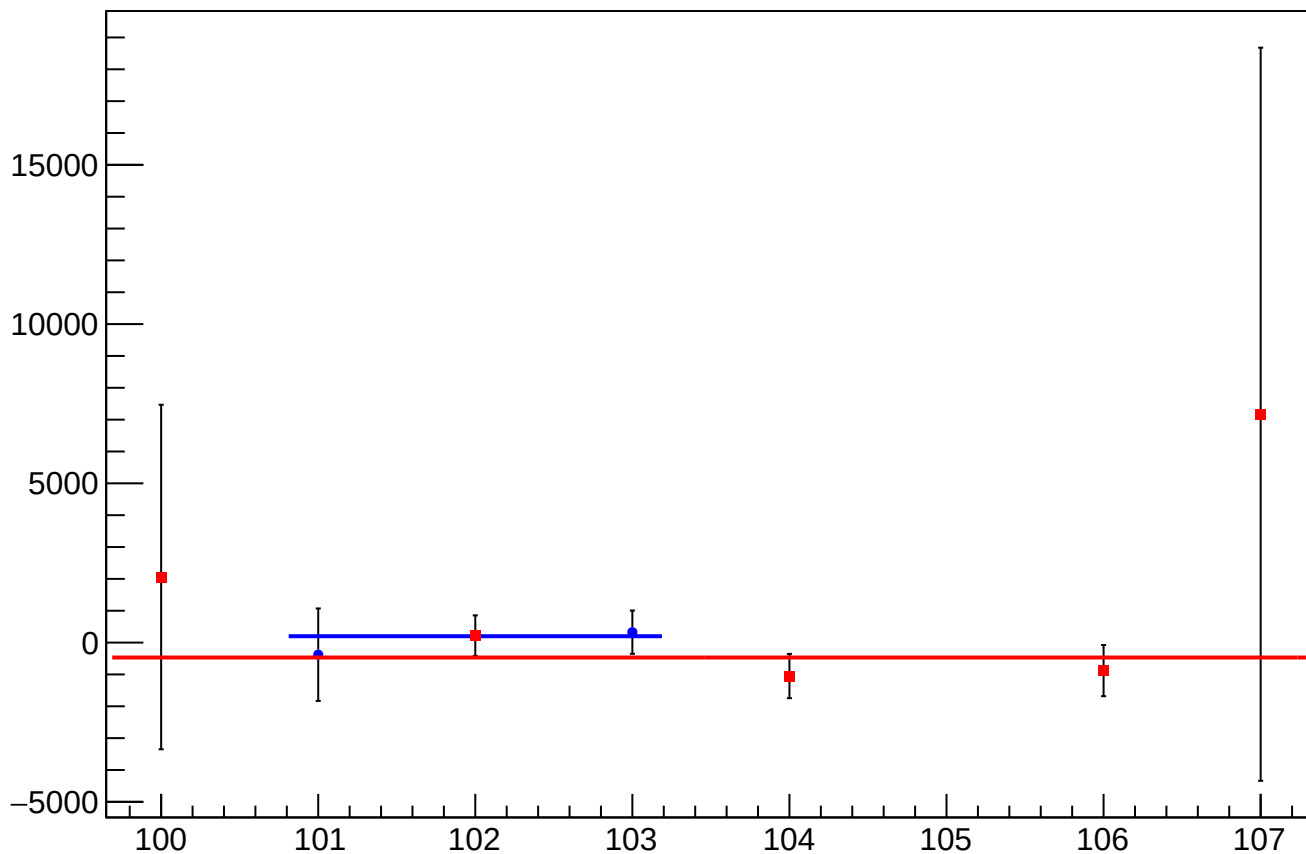
Right: 2795.237+/-1.219 χ^2/NDF : 510361.4/6

In: 2891.593+/-1.985 χ^2/NDF : 391608.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2795.237+/-1.219 χ^2/NDF : 510361.4/6

asym_us_avg_at1lr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 199.723+/-615.359 χ^2/NDF : 0.2/1

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

Right Out: -468.336+/-403.777 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

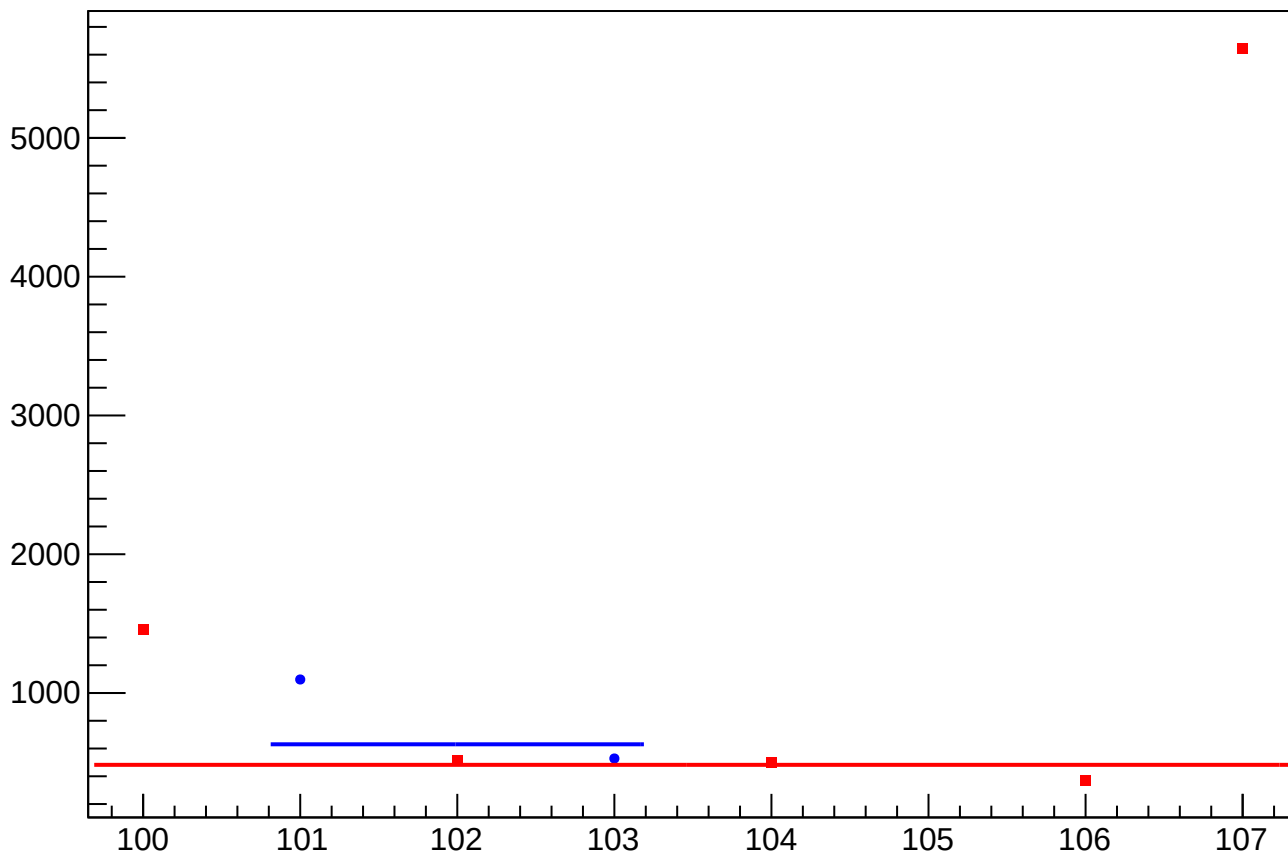
Right: -267.270+/-337.590 χ^2/NDF : 3.8/6

In: 199.723+/-615.359 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -267.270+/-337.590 χ^2/NDF : 3.8/6

asym_us_avg_at1lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 630.418+/-0.435 χ^2/NDF : 252344.4/1

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

Right Out: 482.386+/-0.286 χ^2/NDF : 512535.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

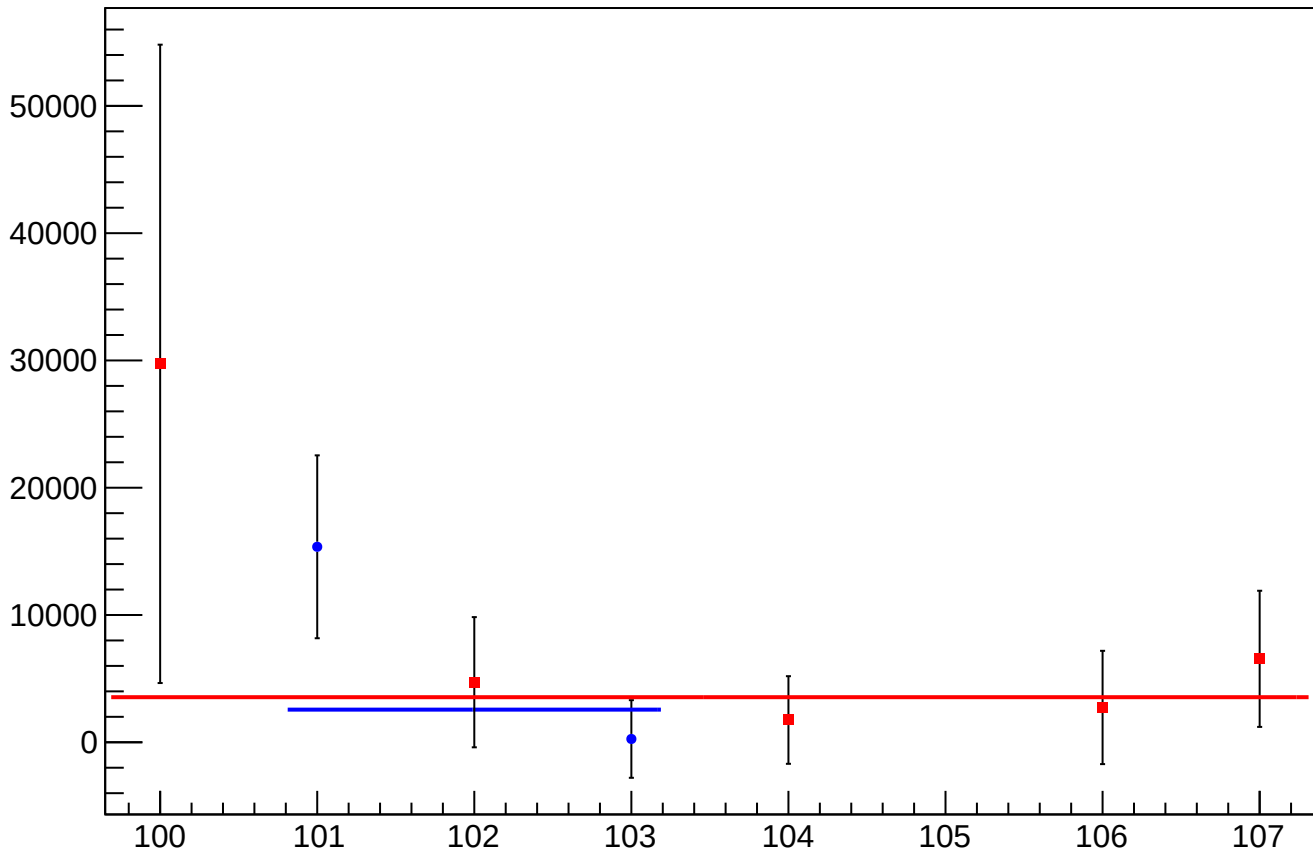
Right: 526.939+/-0.239 χ^2/NDF : 845785.7/6

In: 630.418+/-0.435 χ^2/NDF : 252344.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 526.939+/-0.239 χ^2/NDF : 845785.7/6

eigen_dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2564.922+/-2807.850 χ^2/NDF : 3.7/1

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

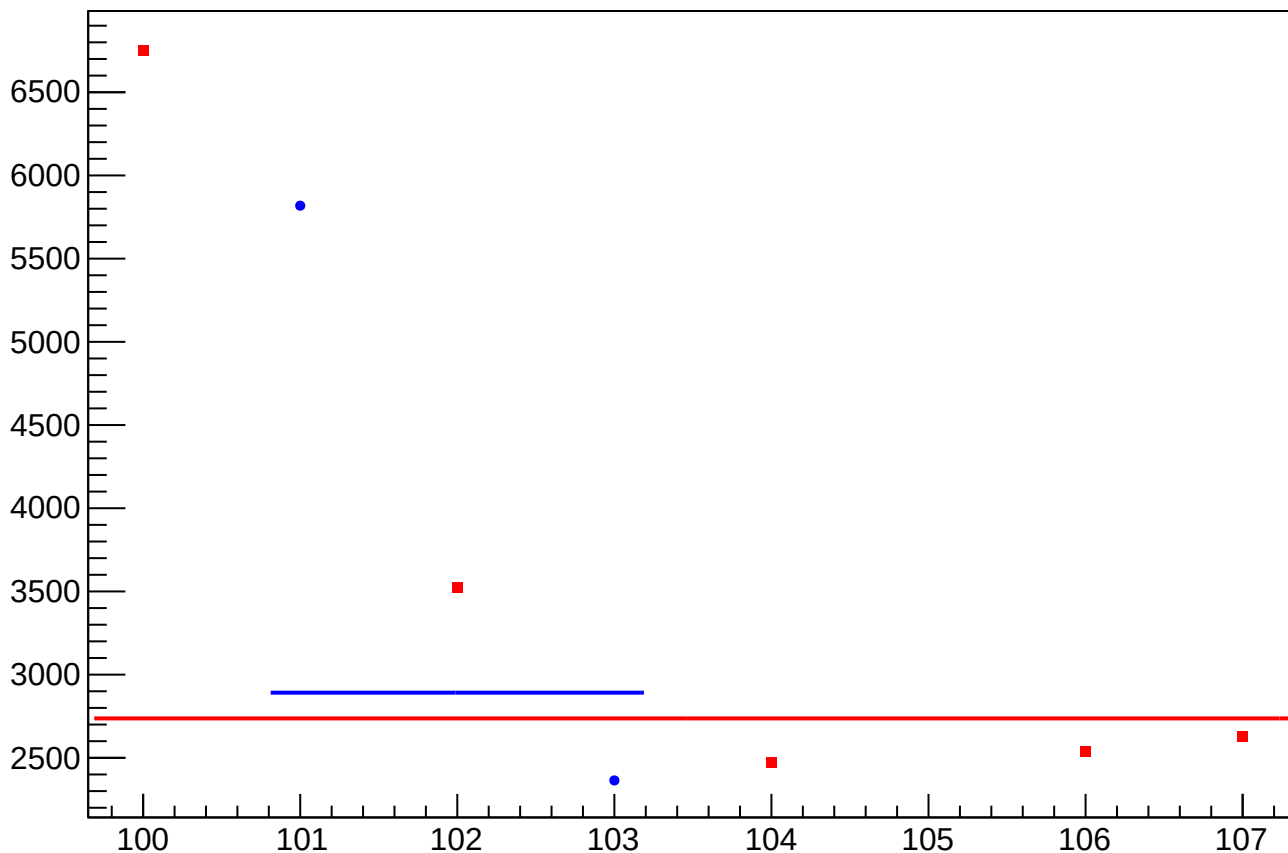
Right: 3173.791+/-1723.958 χ^2/NDF : 5.6/6

In: 2564.922+/-2807.850 χ^2/NDF :3.7/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3173.791+/-1723.958 χ^2/NDF : 5.6/6

eigen_dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2891.587+/-1.985 χ^2/NDF : 391610.0/1

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

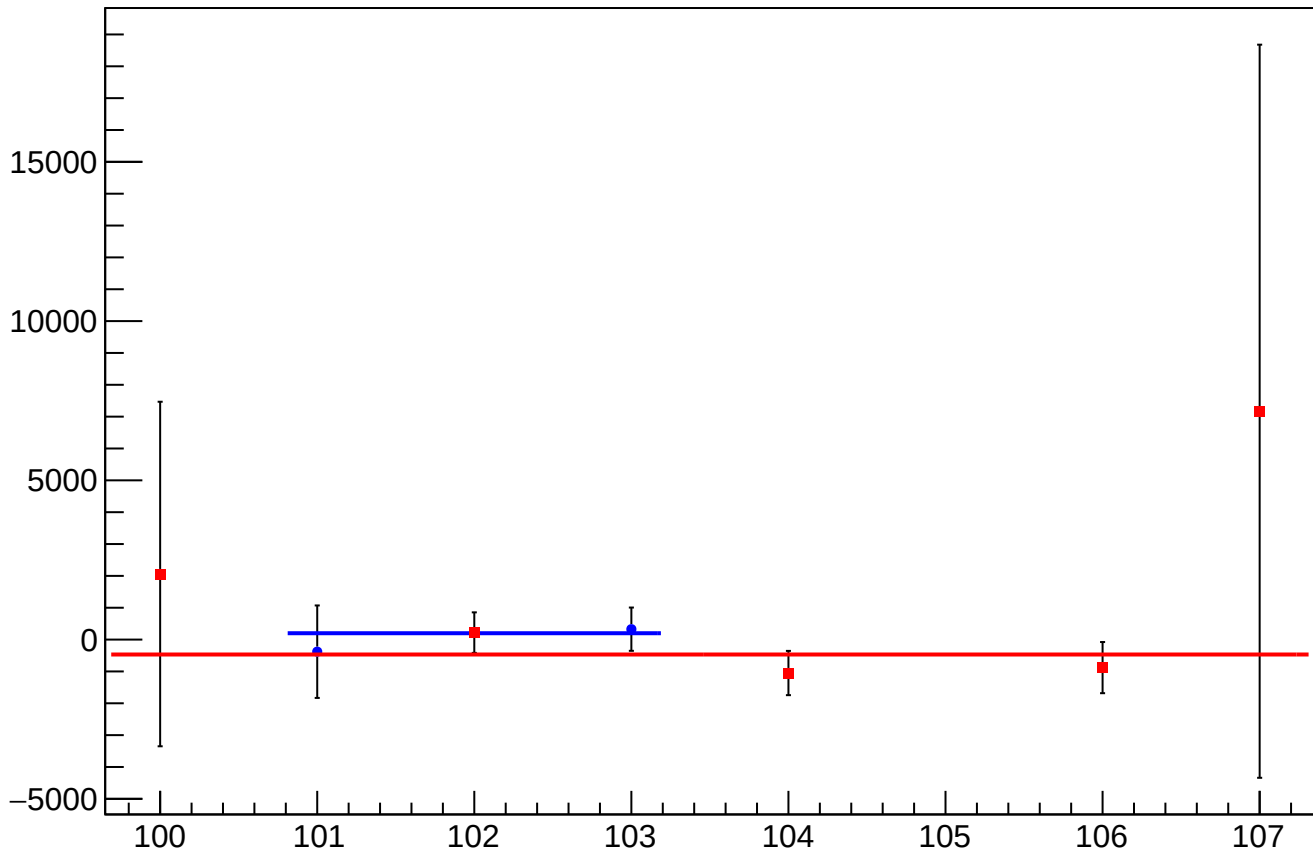
Right: 2795.233+/-1.219 χ^2/NDF : 510362.5/6

In: 2891.587+/-1.985 χ^2/NDF : 391610.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2795.233+/-1.219 χ^2/NDF : 510362.5/6

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 199.715+/-615.365 χ^2/NDF : 0.2/1

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

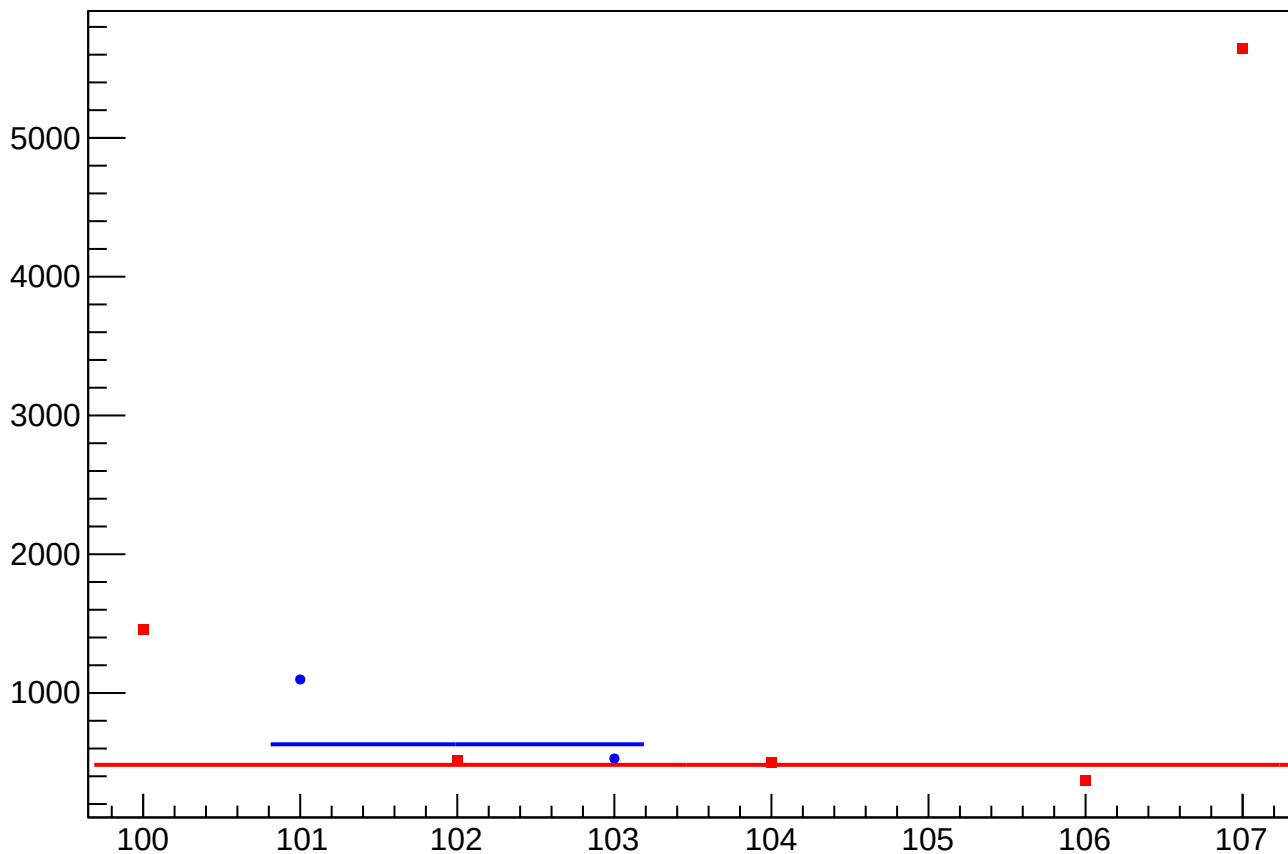
Right: -267.275+/-337.595 χ^2/NDF : 3.8/6

In: 199.715+/-615.365 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -267.275+/-337.595 χ^2/NDF : 3.8/6

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 630.425+/-0.435 χ^2/NDF : 252341.1/1

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

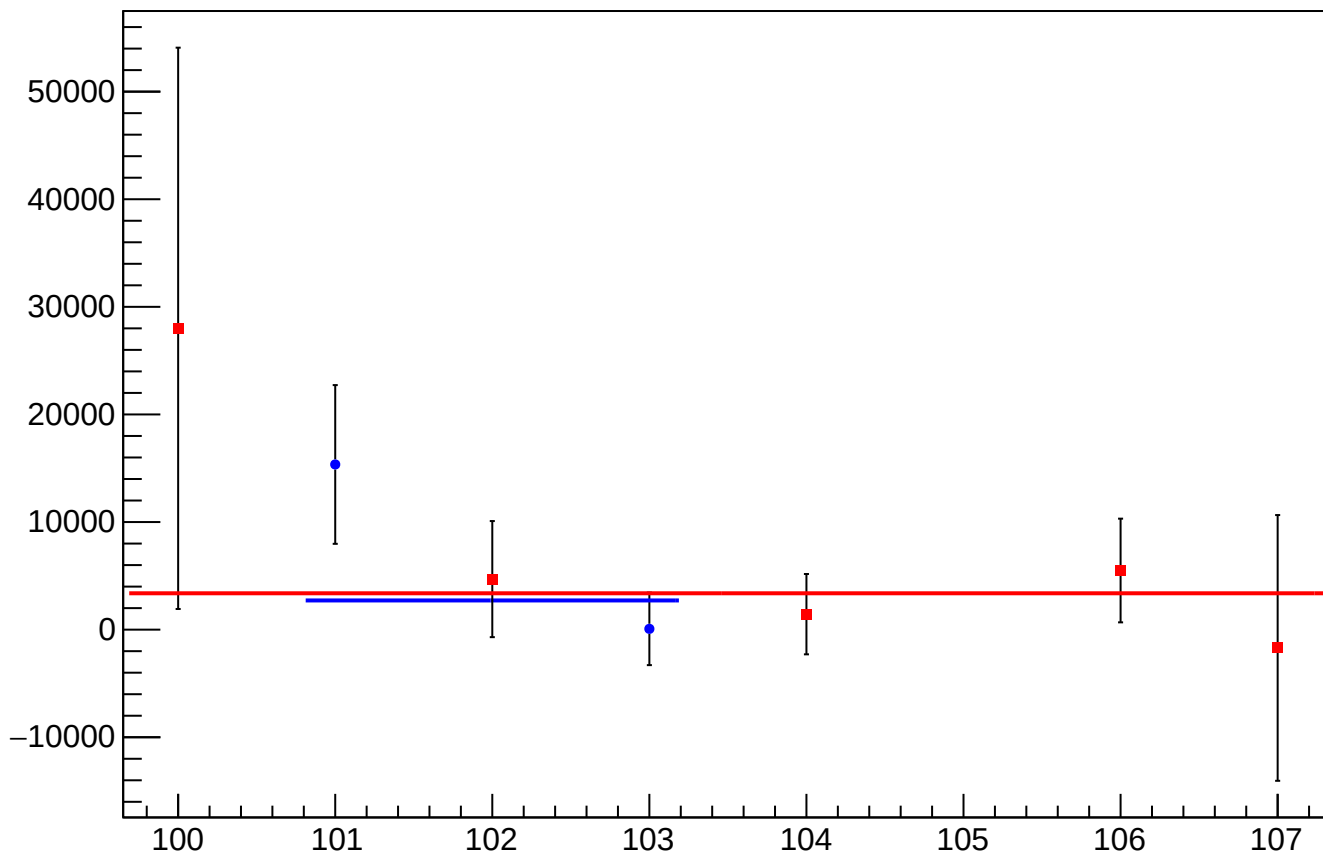
Right: 526.948+/-0.239 χ^2/NDF : 845766.1/6

In: 630.425+/-0.435 χ^2/NDF : 252341.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 526.948+/-0.239 χ^2/NDF : 845766.1/6

asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2713.661+/-3065.886 χ^2/NDF : 3.5/1

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

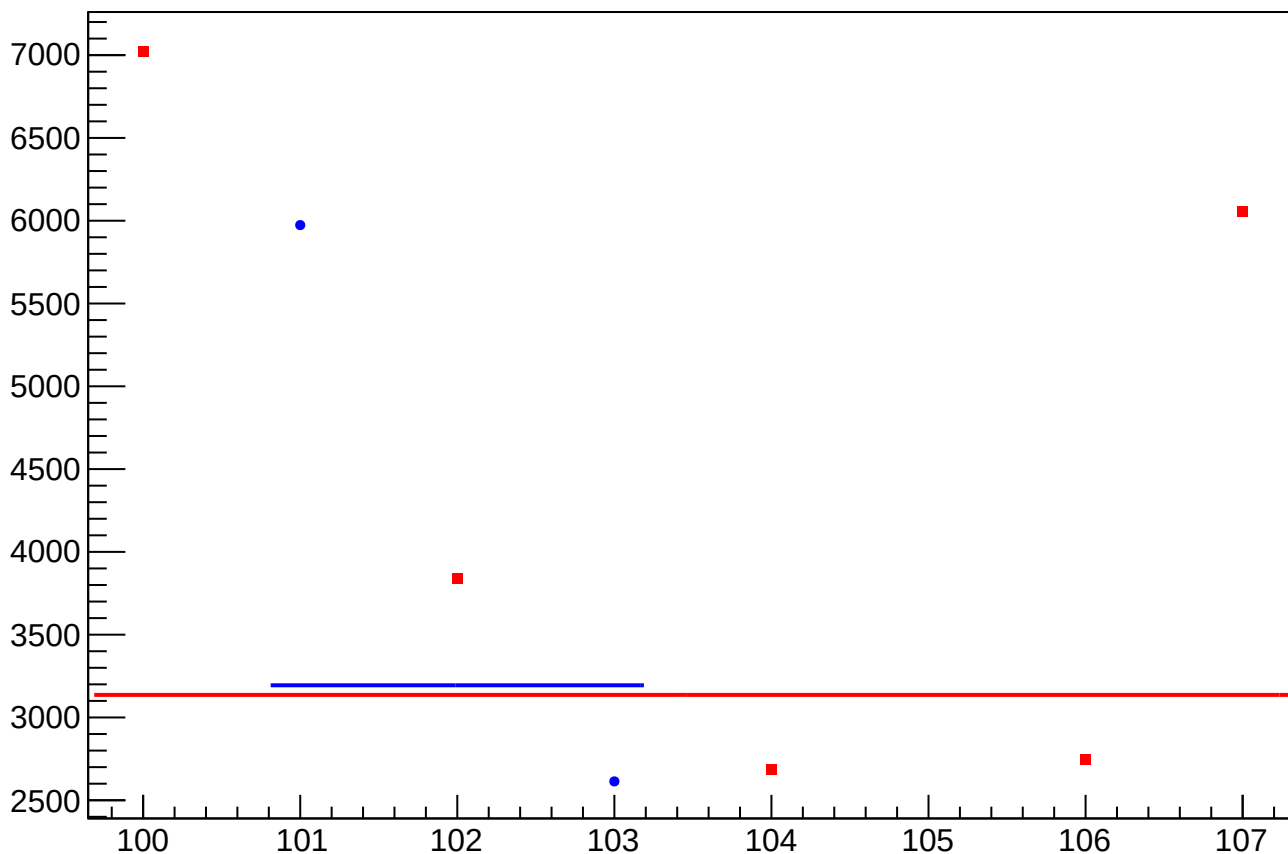
Right: 3110.821+/-1947.764 χ^2/NDF : 5.2/6

In: 2713.661+/-3065.886 χ^2/NDF : 3.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3110.821+/-1947.764 χ^2/NDF : 5.2/6

asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3194.351+/-2.168 χ^2/NDF : 343268.4/1

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

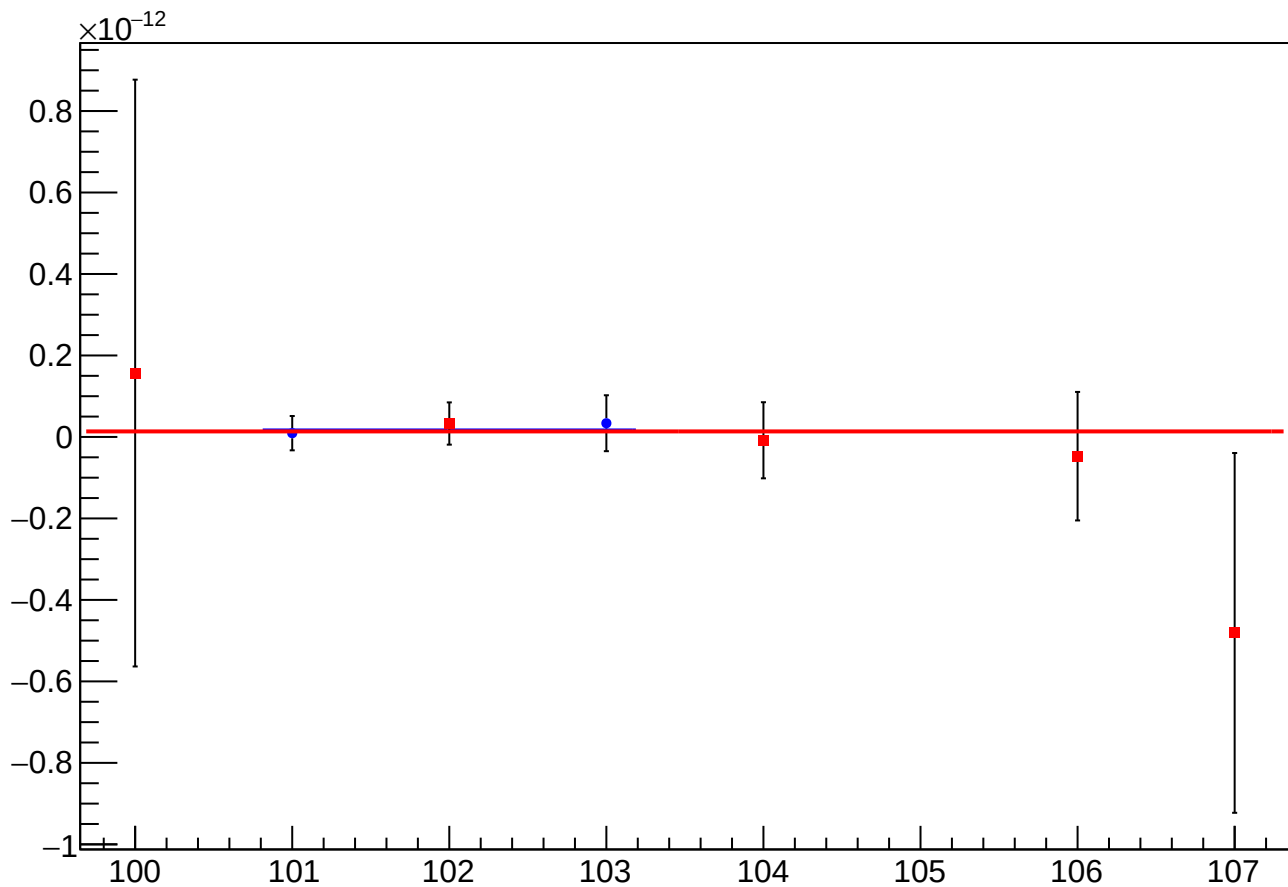
Right: 3159.778+/-1.377 χ^2/NDF : 575539.6/6

In: 3194.351+/-2.168 χ^2/NDF : 343268.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3159.778+/-1.377 χ^2/NDF : 575539.6/6

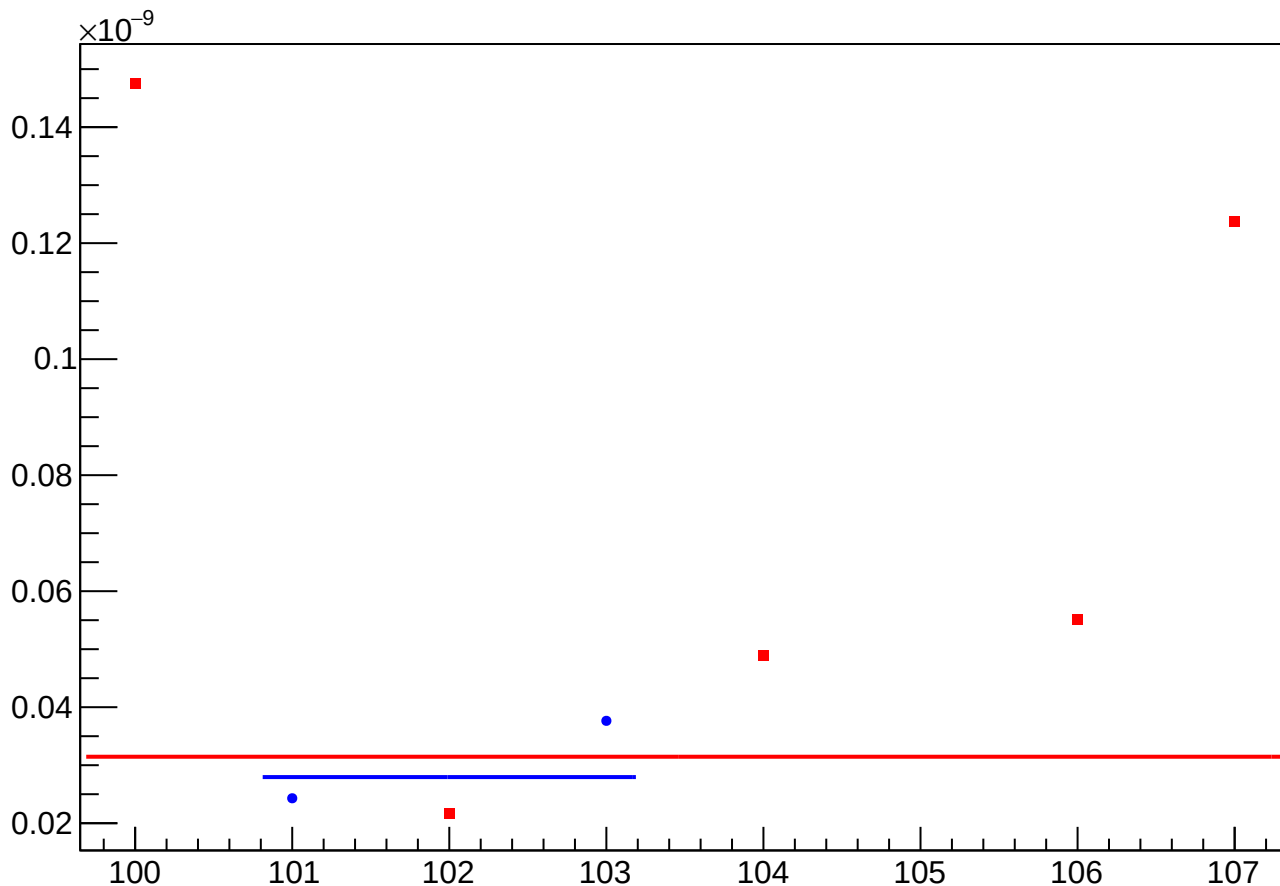
asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.1/1
 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 : 1.7/6
 In: 0.000+/-0.000 χ^2/NDF : 0.1/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 1.7/6

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 54958.2/1

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

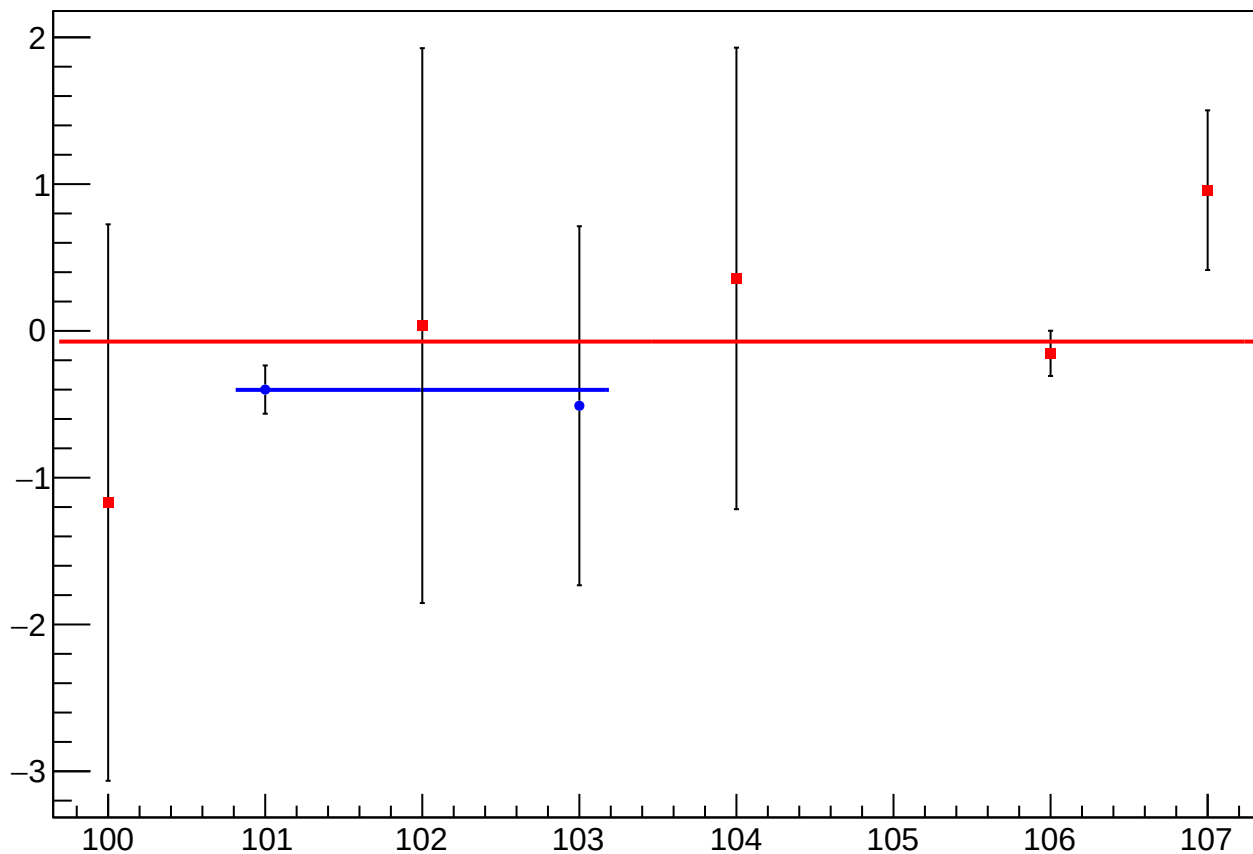
Right: 0.000+/-0.000 χ^2/NDF : 388041.0/6

In: 0.000+/-0.000 χ^2/NDF : 54958.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 388041.0/6

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.402 $\pm$ 0.163 χ^2 /NDF: 0.0/1

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

Right Out: -0.073 $\pm$ 0.147 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

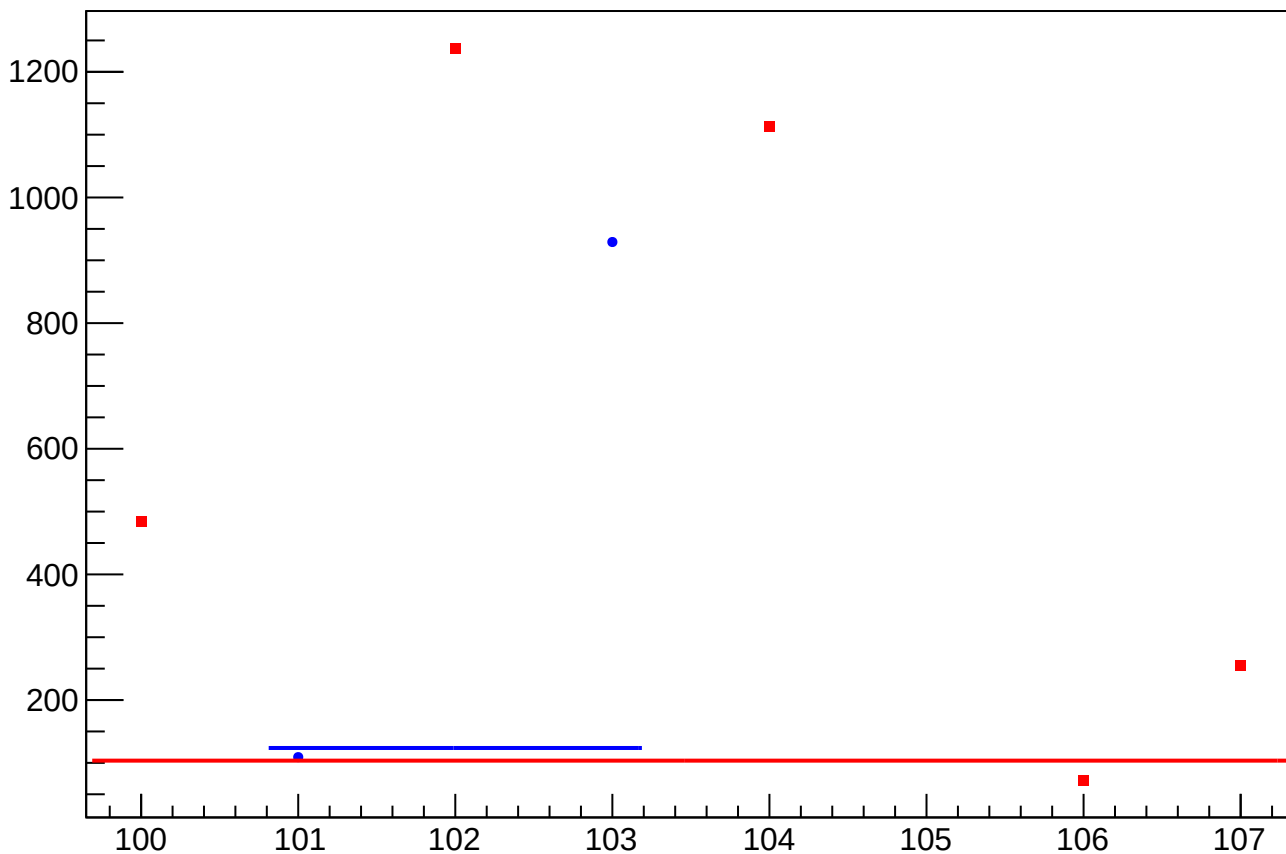
Right: -0.220 $\pm$ 0.109 χ^2 /NDF: 6.5/6

In: -0.402 $\pm$ 0.163 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.220 $\pm$ 0.109 χ^2 /NDF: 6.5/6

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 123.690 $\pm$ 0.115 χ^2 /NDF: 883035.9/1

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

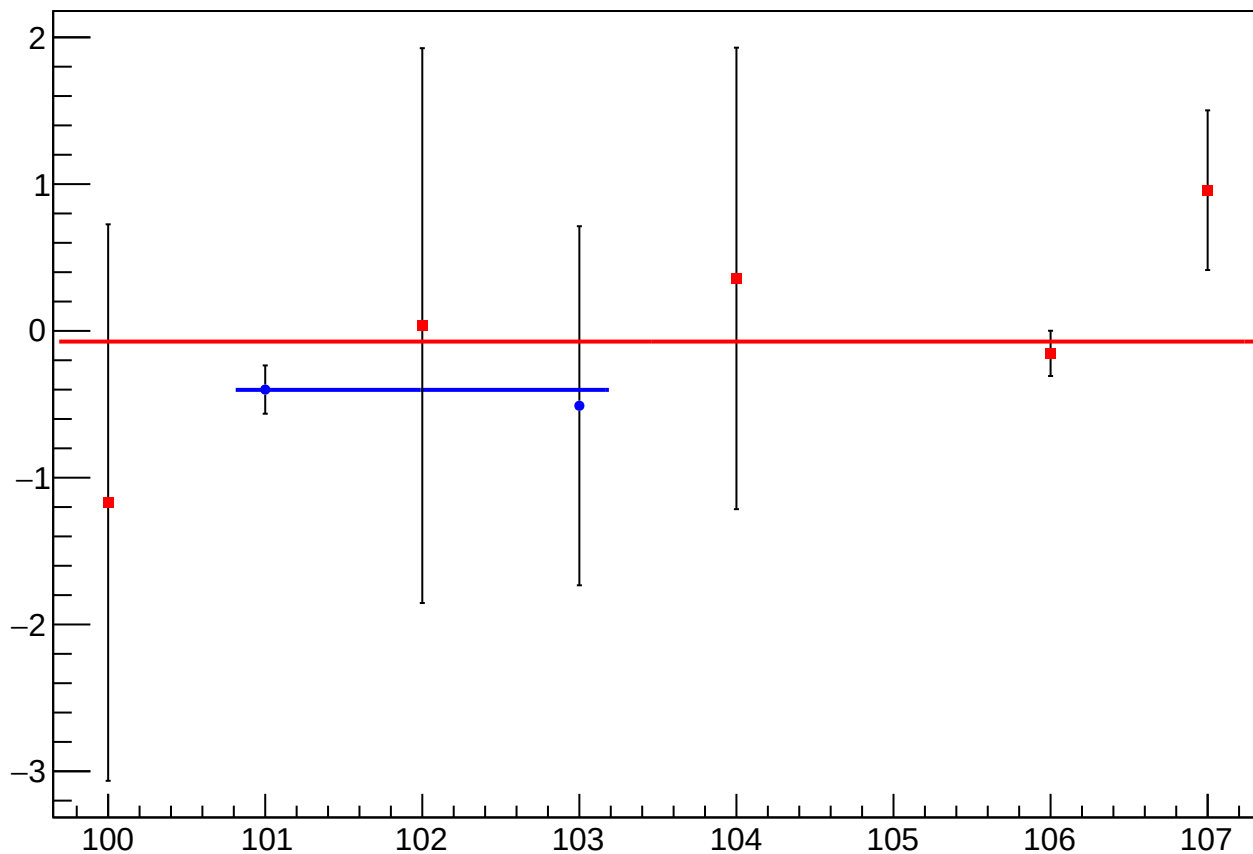
Right: 112.565 $\pm$ 0.077 χ^2 /NDF: 2767068.4/6

In: 123.690 $\pm$ 0.115 χ^2 /NDF:883035.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 112.565 $\pm$ 0.077 χ^2 /NDF: 2767068.4/6

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.402 $\pm$ 0.163 χ^2 /NDF: 0.0/1

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

Right Out: -0.073 $\pm$ 0.147 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

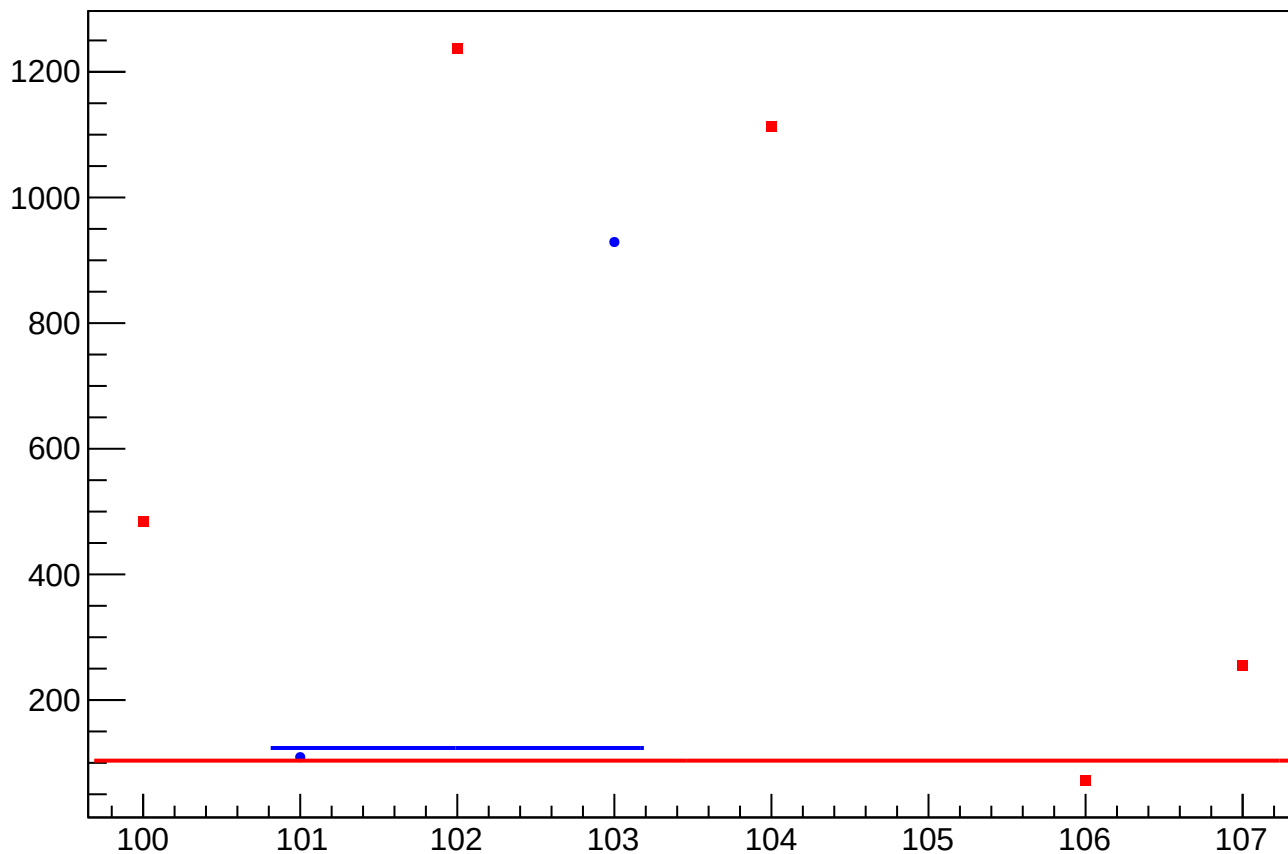
Right: -0.220 $\pm$ 0.109 χ^2 /NDF: 6.5/6

In: -0.402 $\pm$ 0.163 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.220 $\pm$ 0.109 χ^2 /NDF: 6.5/6

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 123.690 $\pm$ 0.115 χ^2 /NDF: 883035.9/1

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

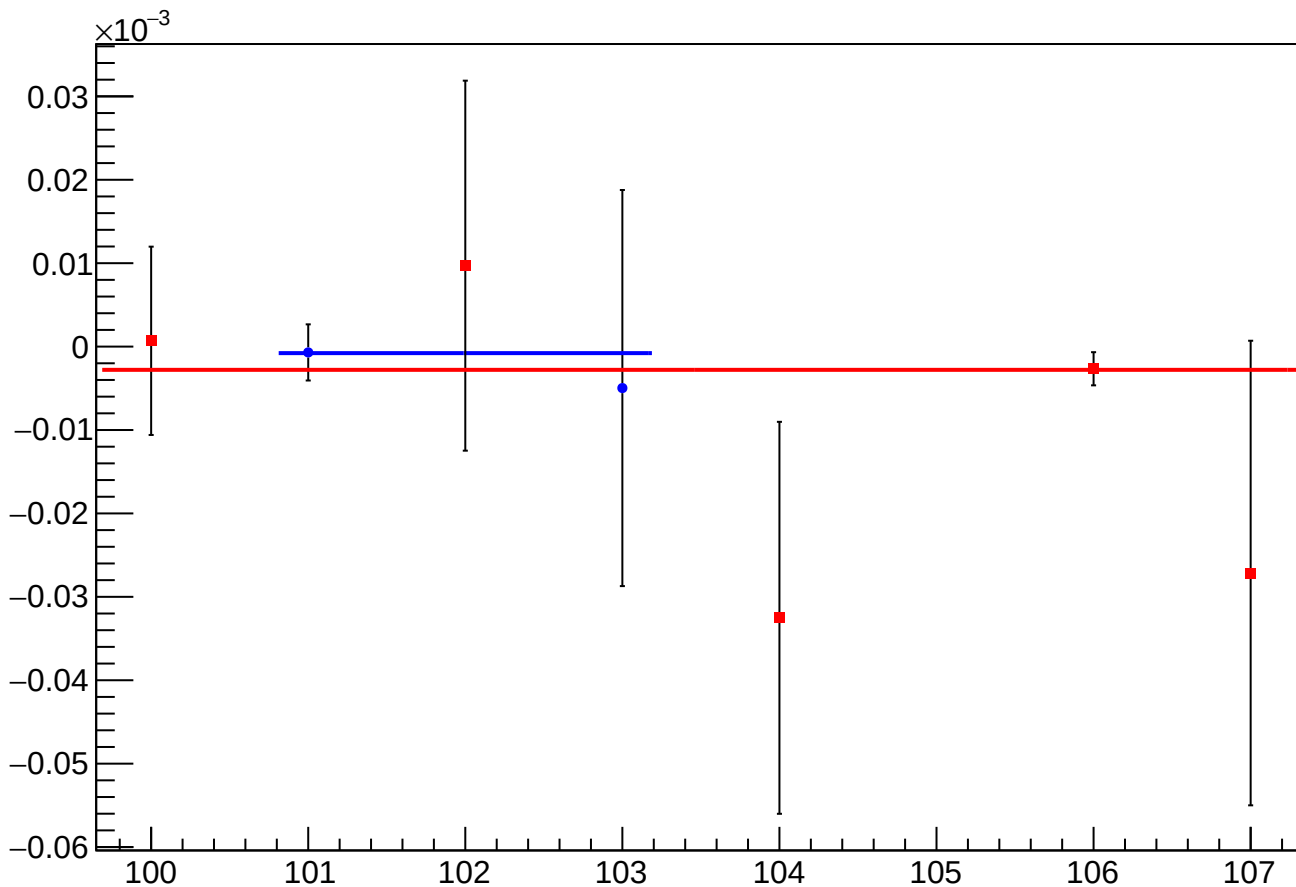
Right: 112.565 $\pm$ 0.077 χ^2 /NDF: 2767068.4/6

In: 123.690 $\pm$ 0.115 χ^2 /NDF:883035.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 112.565 $\pm$ 0.077 χ^2 /NDF: 2767068.4/6

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: 0.0/1

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

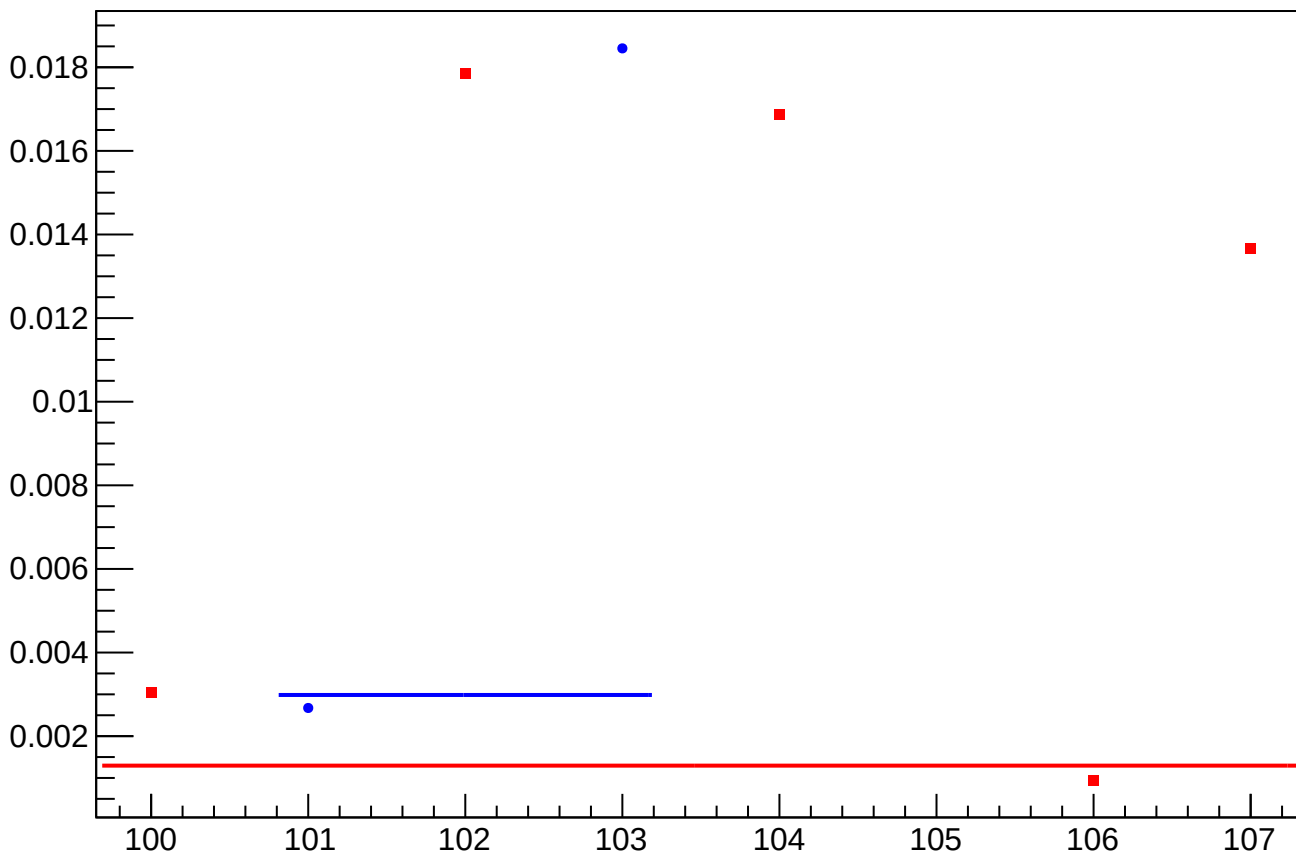
Right: -0.000+/-0.000 χ^2 /NDF: 3.1/6

In: -0.000+/-0.000 χ^2 /NDF:0.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 3.1/6

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 : 865767.1/1

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

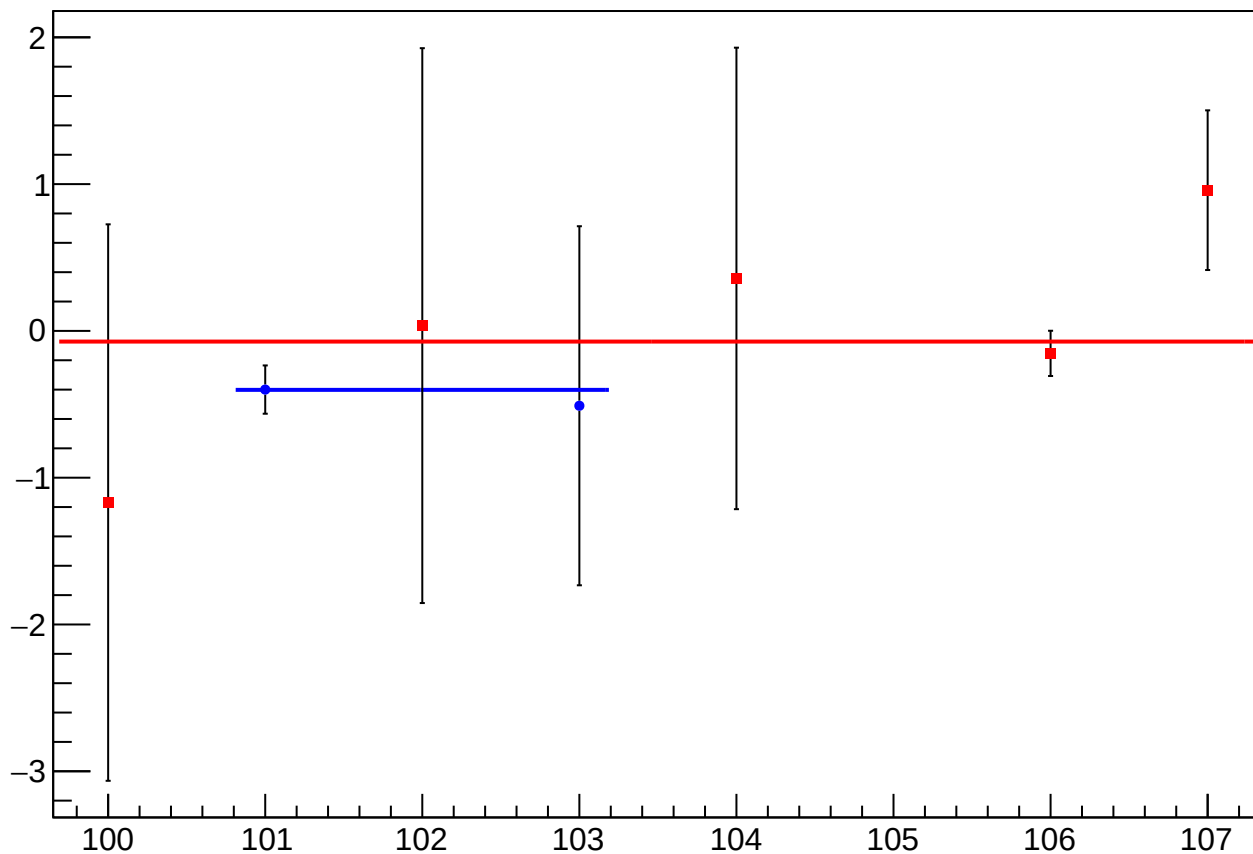
Right: 0.002+/-0.000 χ^2/NDF : 3752063.9/6

In: 0.003+/-0.000 χ^2/NDF :865767.1/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3752063.9/6

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.402 $\pm$ 0.163 χ^2 /NDF: 0.0/1

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

Right Out: -0.073 $\pm$ 0.147 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

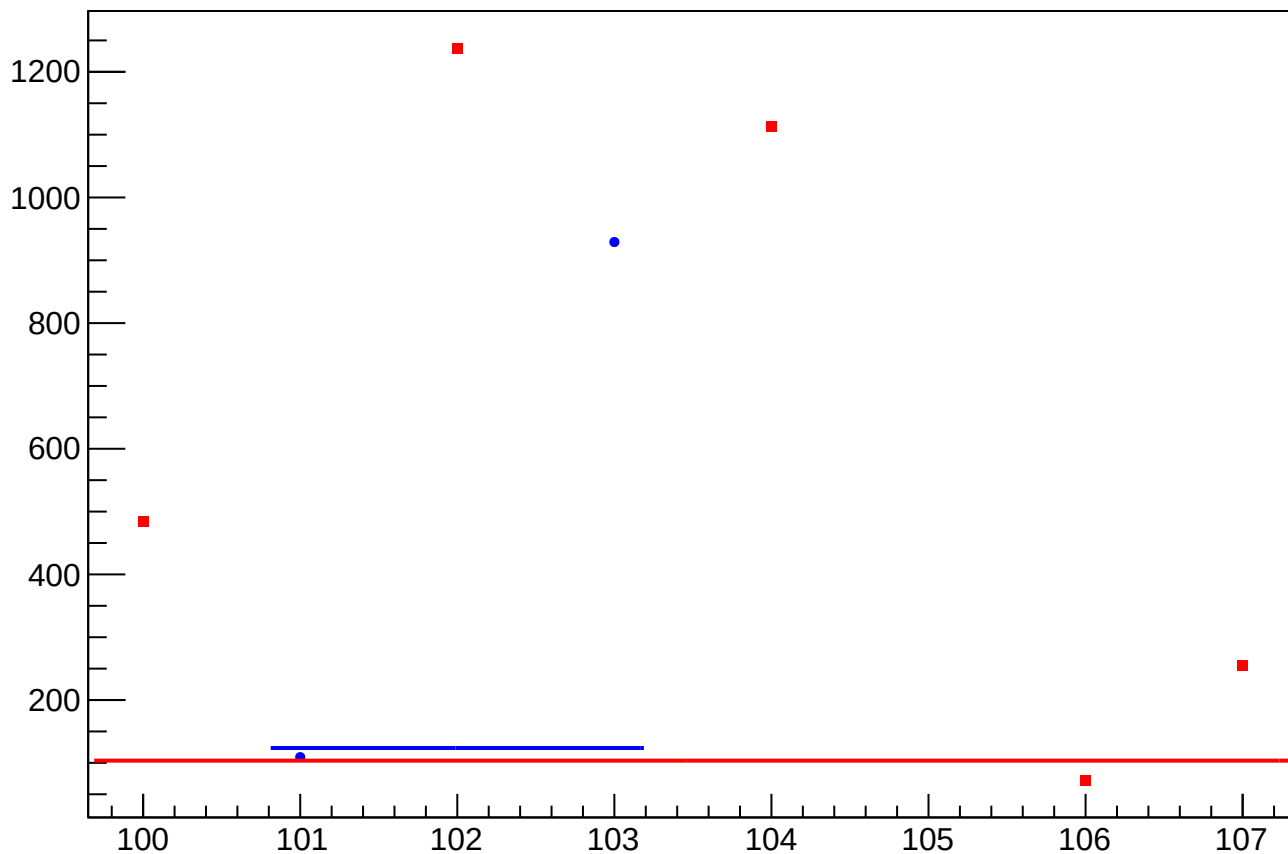
Right: -0.220 $\pm$ 0.109 χ^2 /NDF: 6.5/6

In: -0.402 $\pm$ 0.163 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.220 $\pm$ 0.109 χ^2 /NDF: 6.5/6

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 123.689+/-0.115 χ^2/NDF : 883033.2/1

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

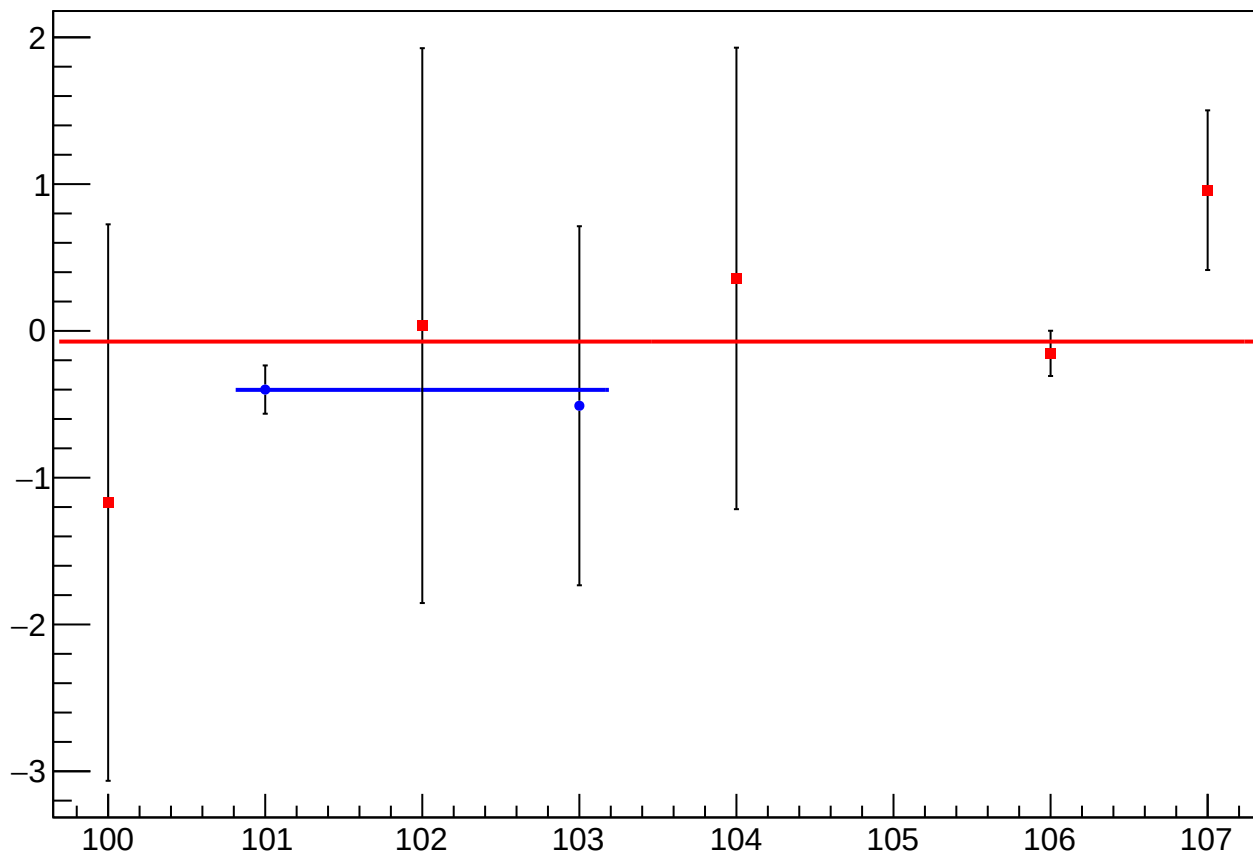
Right: 112.564+/-0.077 χ^2/NDF : 2767059.0/6

In: 123.689+/-0.115 χ^2/NDF : 883033.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.564+/-0.077 χ^2/NDF : 2767059.0/6

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.402 $\pm$ 0.163 χ^2 /NDF: 0.0/1

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

Right Out: -0.073 $\pm$ 0.147 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

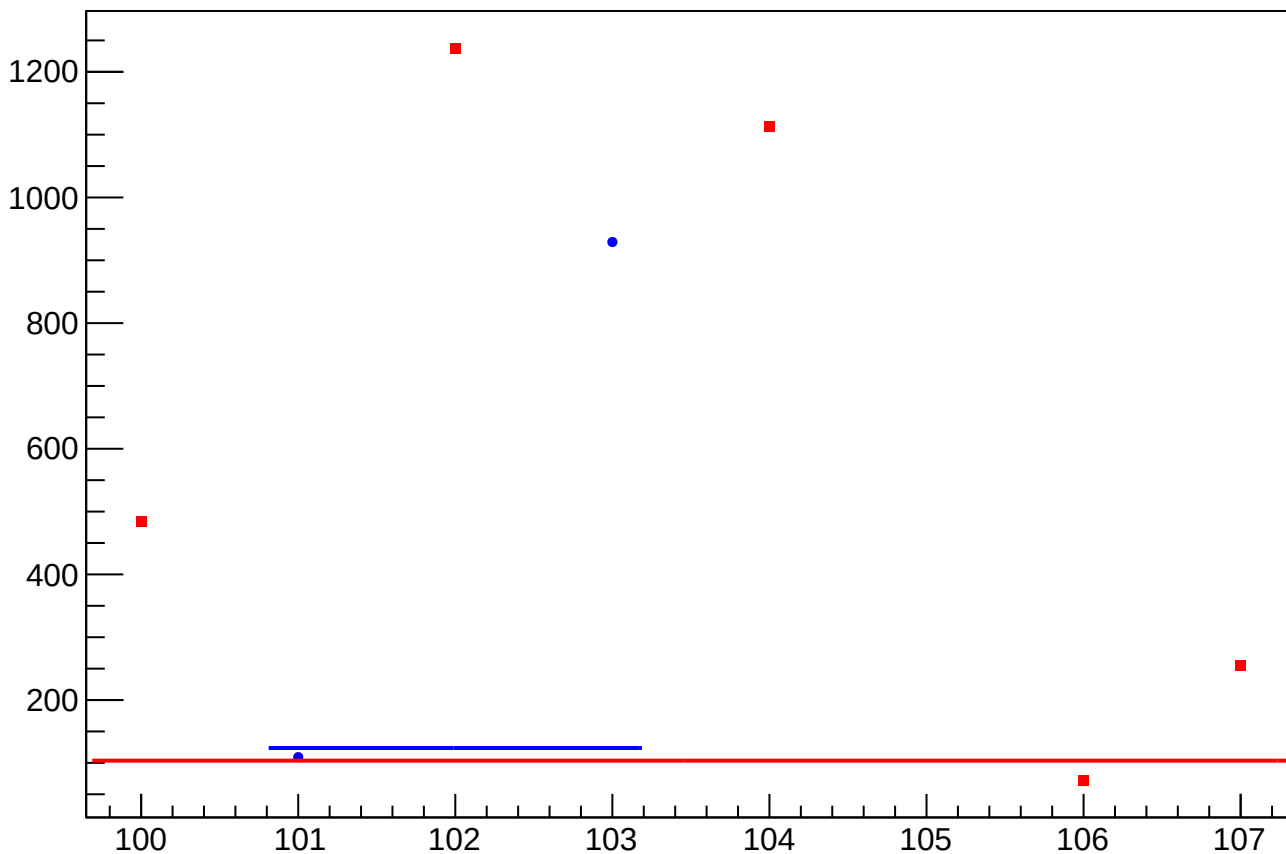
Right: -0.220 $\pm$ 0.109 χ^2 /NDF: 6.5/6

In: -0.402 $\pm$ 0.163 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.220 $\pm$ 0.109 χ^2 /NDF: 6.5/6

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 123.689+/-0.115 χ^2/NDF : 883033.2/1

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

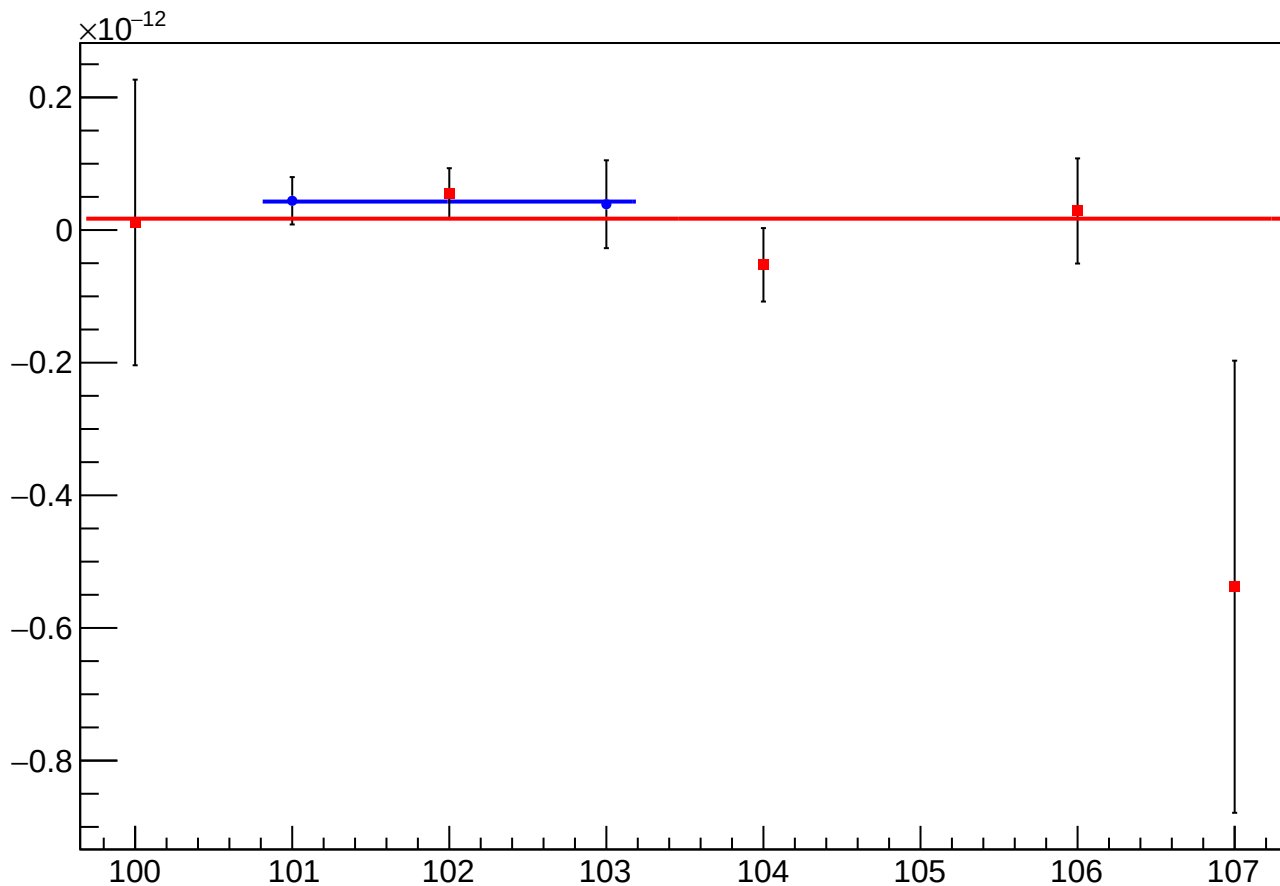
Right: 112.564+/-0.077 χ^2/NDF : 2767059.0/6

In: 123.689+/-0.115 χ^2/NDF : 883033.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.564+/-0.077 χ^2/NDF : 2767059.0/6

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: 0.0/1

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

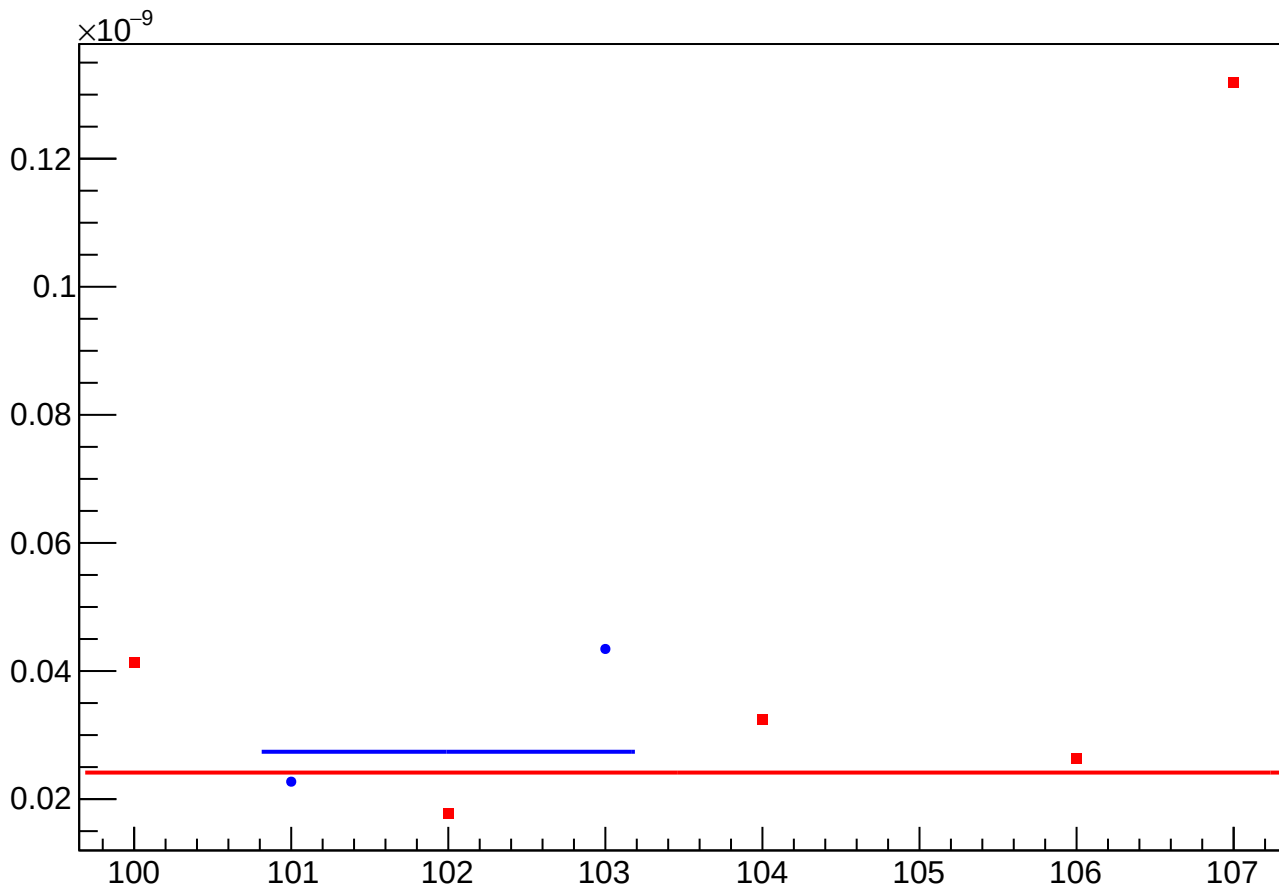
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.6/6

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/1

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.6/6

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 : 151688.3/1

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

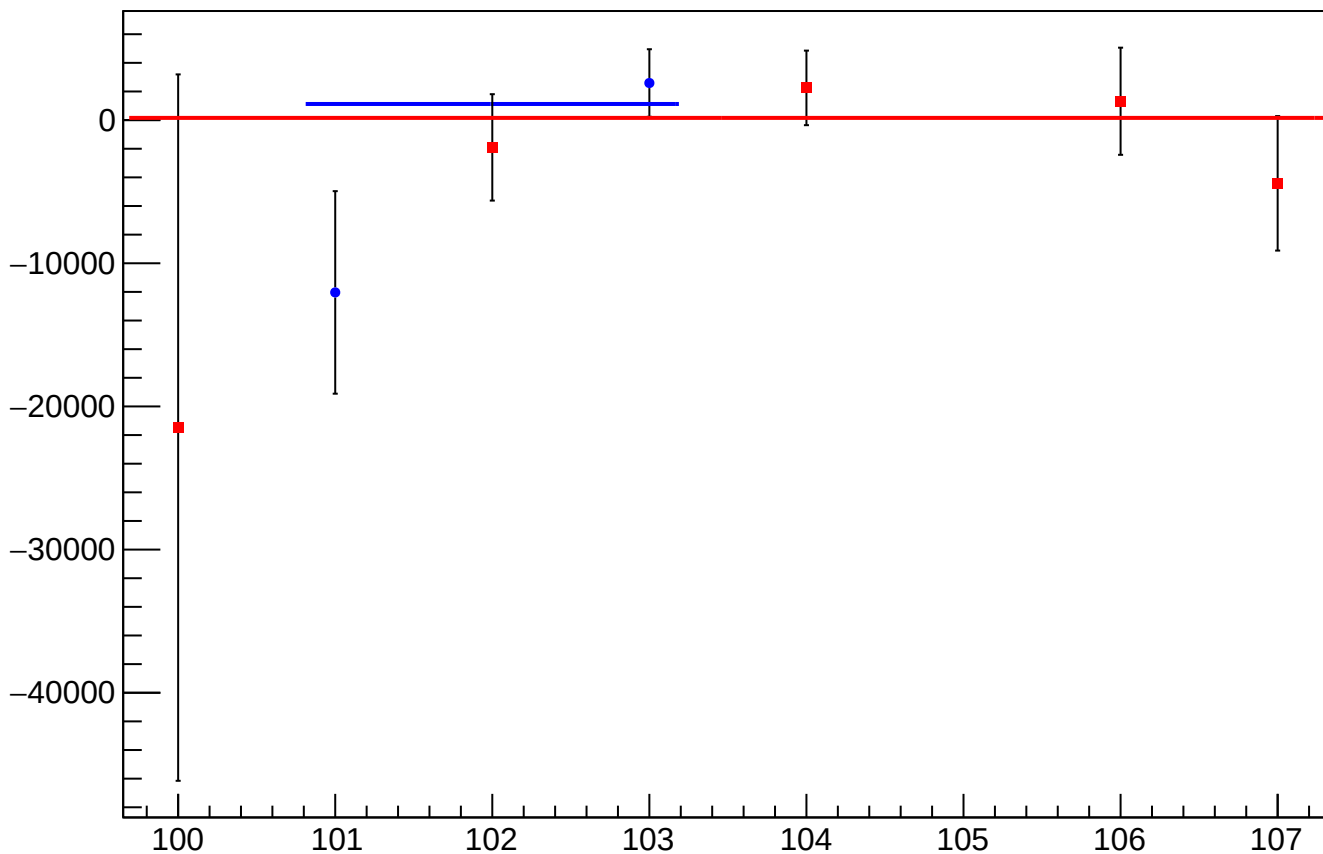
Right: 0.000+/-0.000 χ^2/NDF : 478717.6/6

In: 0.000+/-0.000 χ^2/NDF : 151688.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 478717.6/6

reg_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 1126.737 $\pm$ 2238.470 χ^2 /NDF: 3.8/1

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

Right Out: 154.965 $\pm$ 1719.472 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

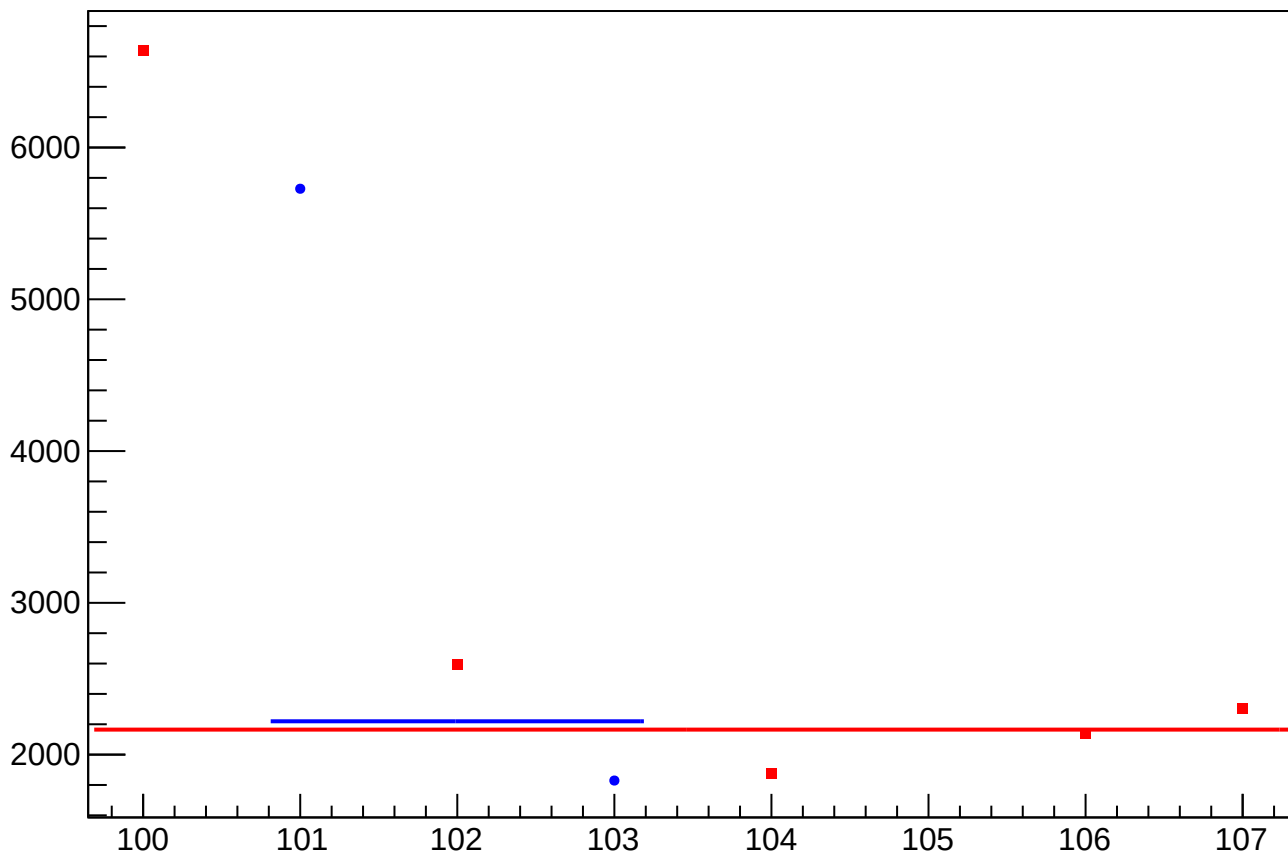
Right: 515.579 $\pm$ 1363.609 χ^2 /NDF: 6.7/6

In: 1126.737 $\pm$ 2238.470 χ^2 /NDF: 3.8/1

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

All: 515.579 $\pm$ 1363.609 χ^2 /NDF: 6.7/6

reg_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2219.604+/-1.583 χ^2/NDF : 546784.1/1

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

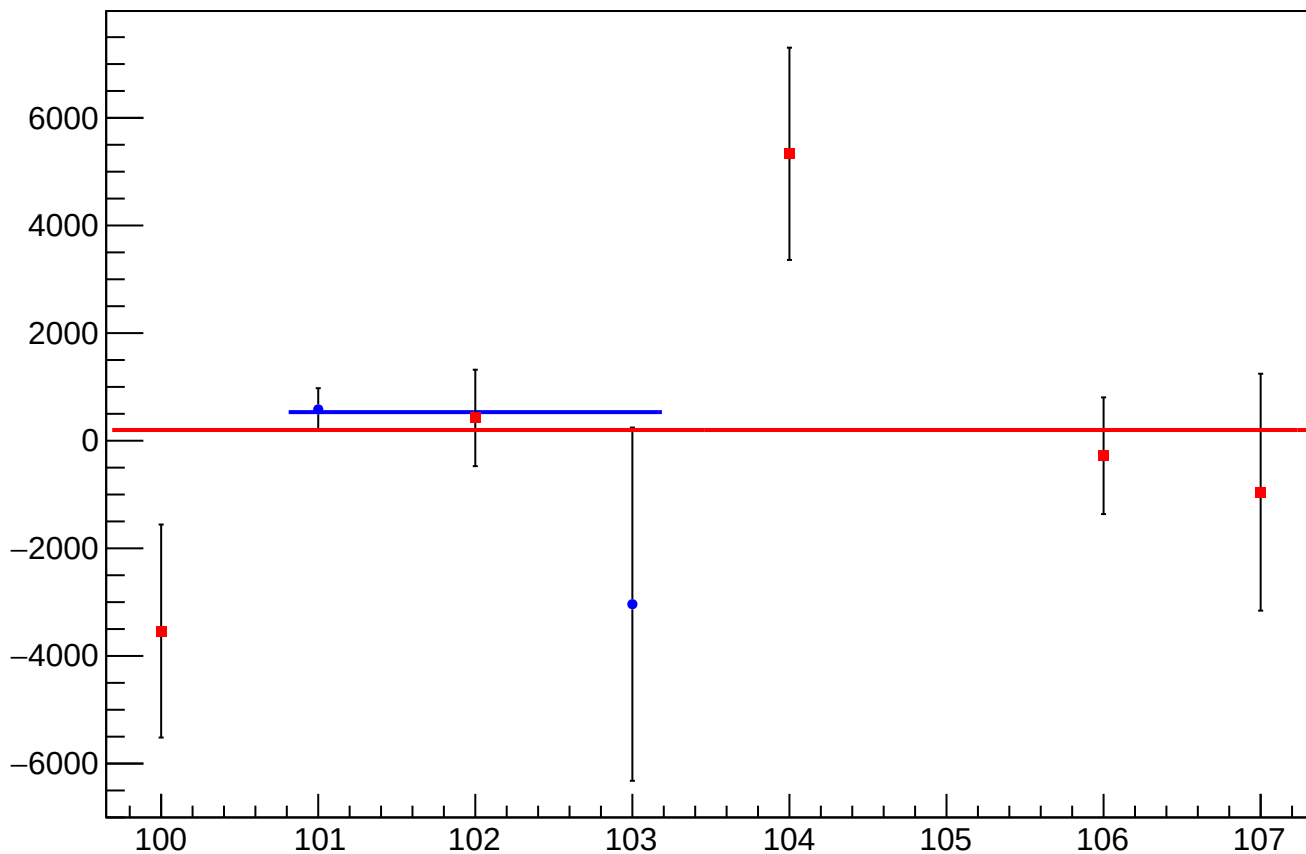
Right: 2185.119+/-0.964 χ^2/NDF : 667268.3/6

In: 2219.604+/-1.583 χ^2/NDF : 546784.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2185.119+/-0.964 χ^2/NDF : 667268.3/6

asym_us_avg_at1lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 531.401+/-390.676 χ^2/NDF : 1.2/1

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

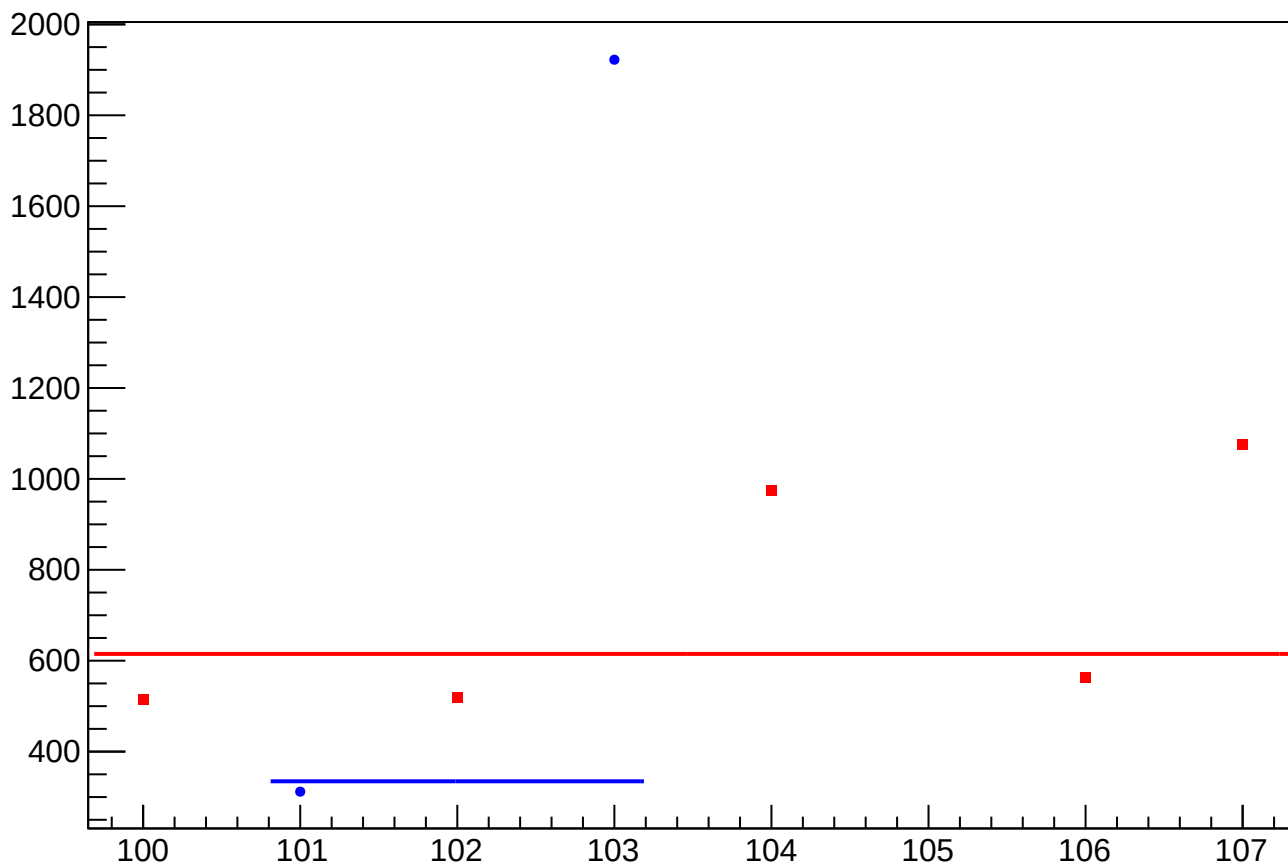
Right: 431.640+/-326.758 χ^2/NDF : 12.3/6

In: 531.401+/-390.676 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 431.640+/-326.758 χ^2/NDF : 12.3/6

asym_us_avg_at1lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 334.665 $\pm$ 0.276 χ^2 /NDF: 474654.6/1

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

Right Out: 614.938 $\pm$ 0.422 χ^2 /NDF: 186276.7/4

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

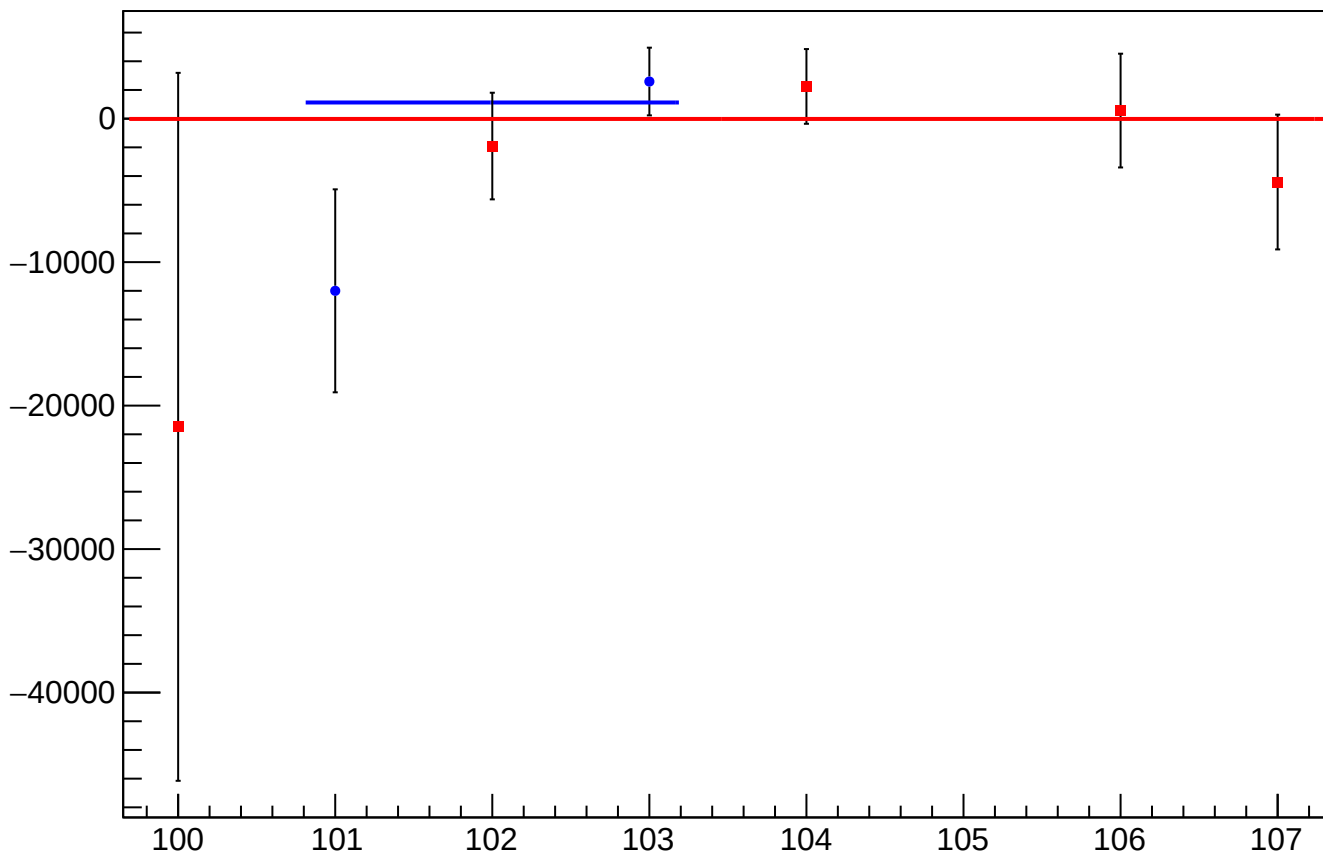
Right: 418.872 $\pm$ 0.231 χ^2 /NDF: 970195.2/6

In: 334.665 $\pm$ 0.276 χ^2 /NDF:474654.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 418.872 $\pm$ 0.231 χ^2 /NDF: 970195.2/6

cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 1127.726+/-2238.472 χ^2 /NDF: 3.8/1

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

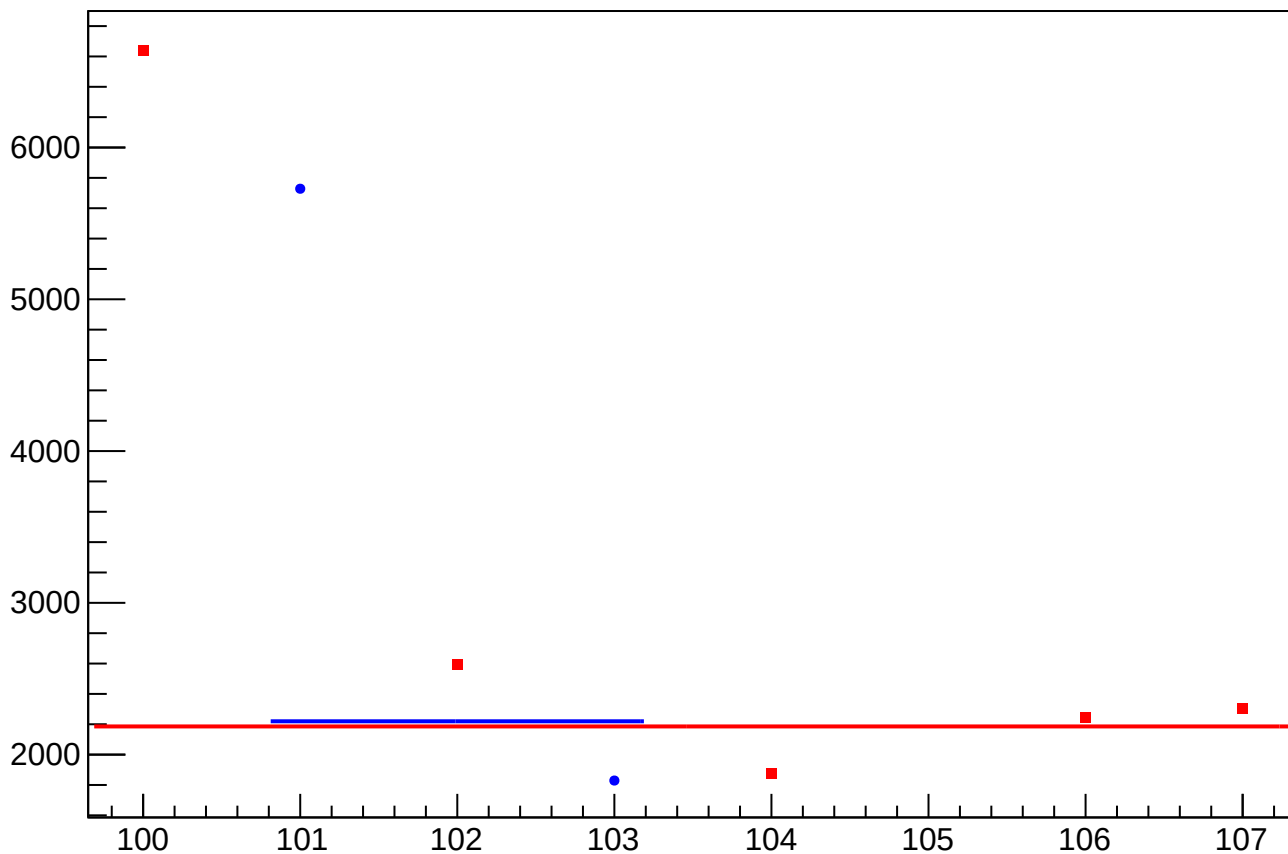
Right: 412.389+/-1373.577 χ^2 /NDF: 6.7/6

In: 1127.726+/-2238.472 χ^2 /NDF:3.8/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 412.389+/-1373.577 χ^2 /NDF: 6.7/6

cor_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2219.603 $\pm$ 1.583 χ^2 /NDF: 546784.5/1

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

Right Out: 2185.672 $\pm$ 1.230 χ^2 /NDF: 120076.6/4

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

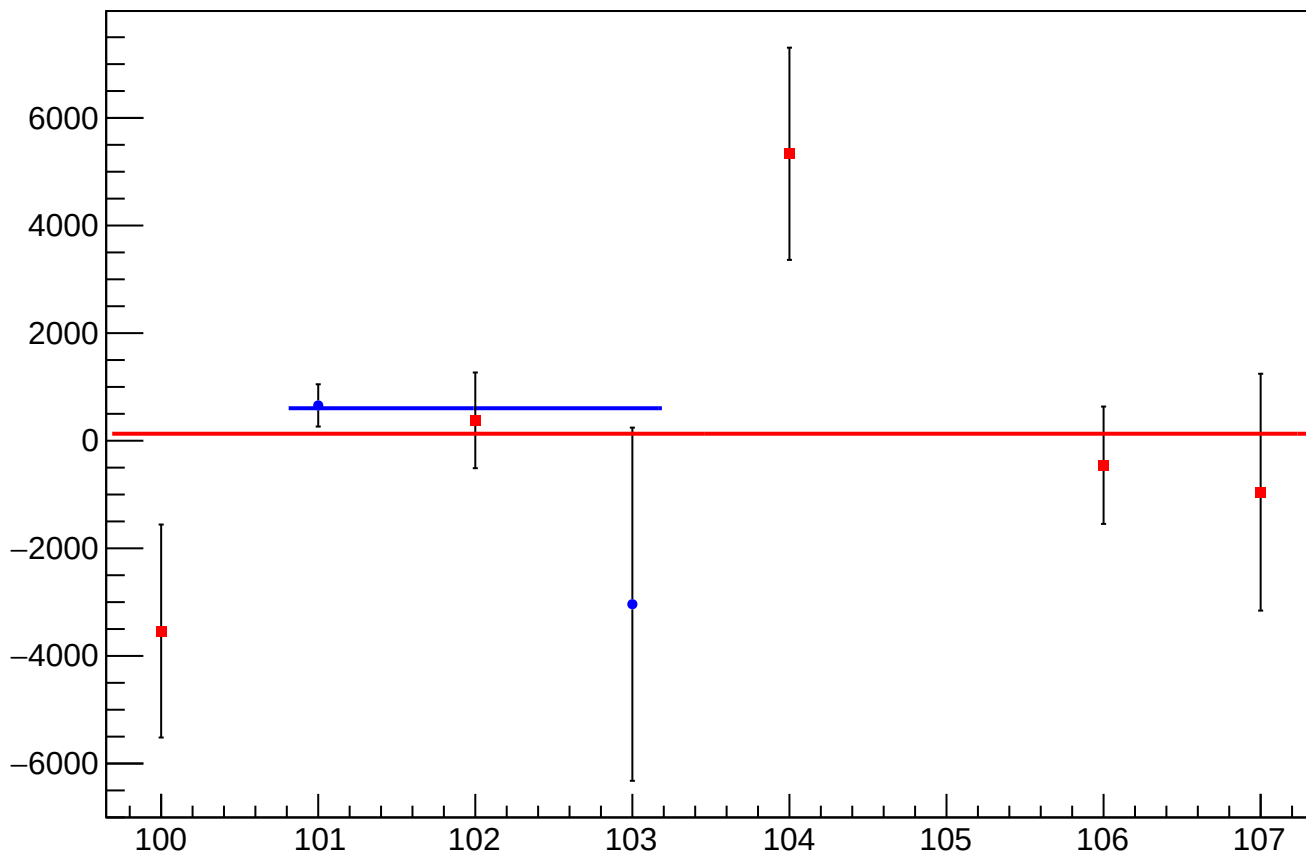
Right: 2198.448 $\pm$ 0.971 χ^2 /NDF: 667147.6/6

In: 2219.603 $\pm$ 1.583 χ^2 /NDF:546784.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2198.448 $\pm$ 0.971 χ^2 /NDF: 667147.6/6

asym_us_avg_at1lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 604.014+/-390.250 χ^2/NDF : 1.2/1

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

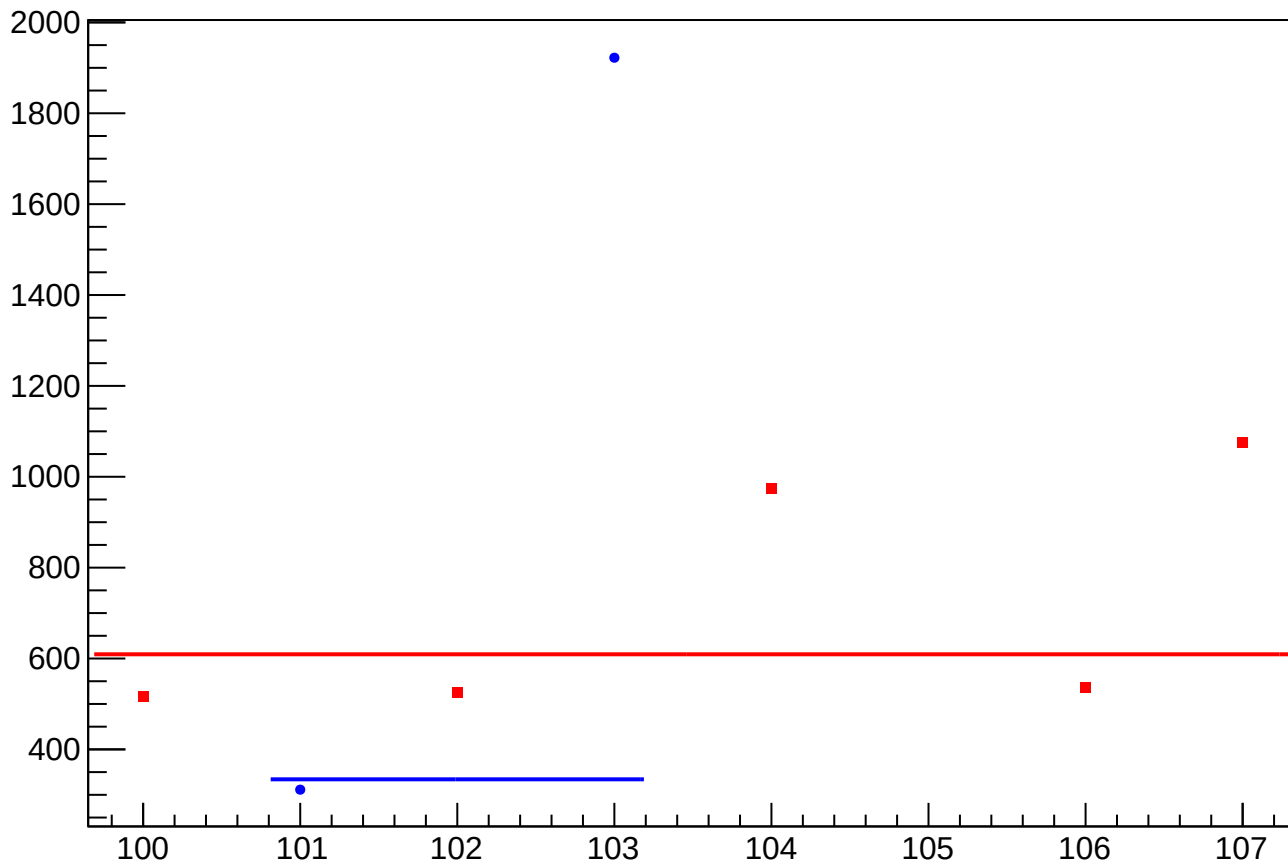
Right: 461.522+/-326.347 χ^2/NDF : 12.7/6

In: 604.014+/-390.250 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 461.522+/-326.347 χ^2/NDF : 12.7/6

asym_us_avg_at1lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 334.122+/-0.276 χ^2/NDF : 474926.9/1

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

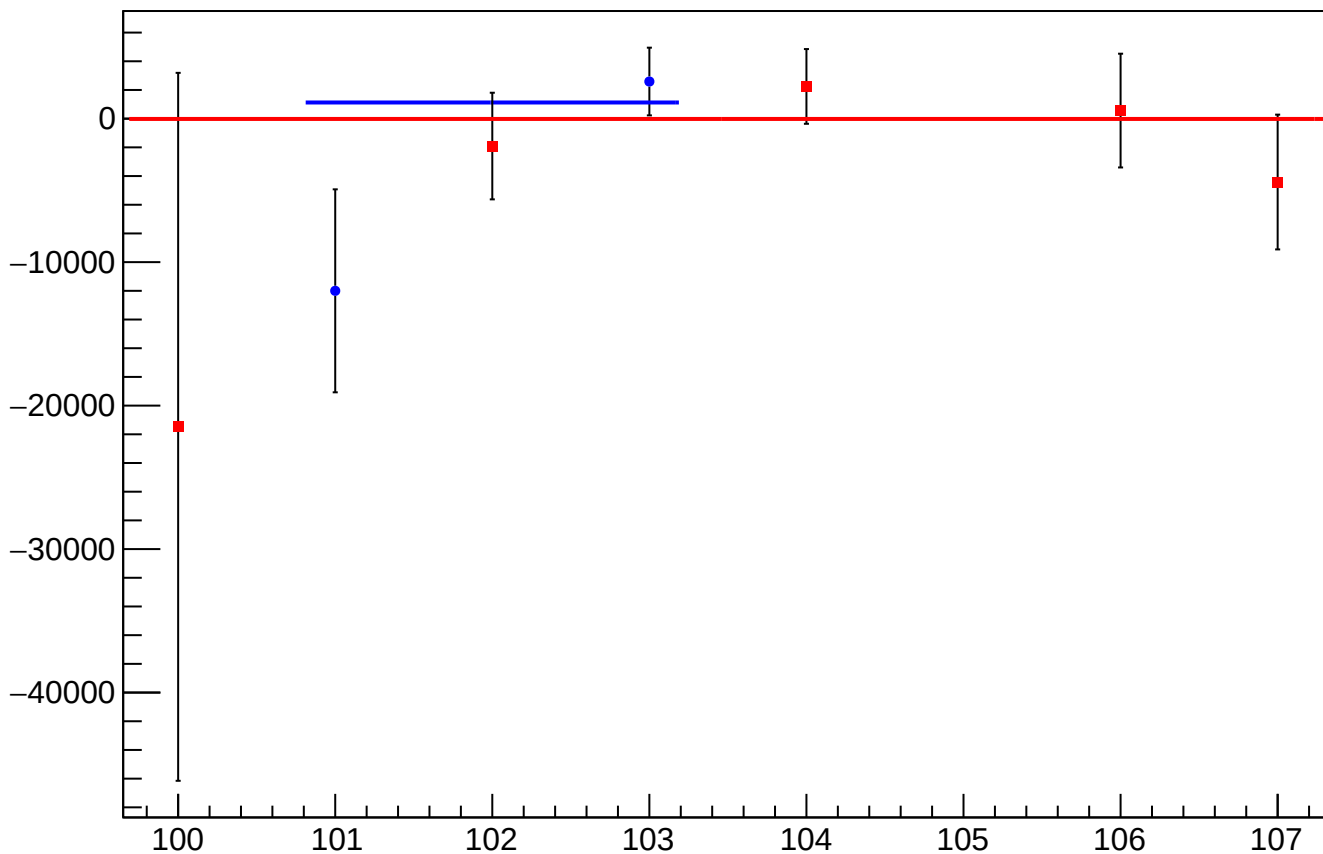
Right: 416.865+/-0.231 χ^2/NDF : 963324.1/6

In: 334.122+/-0.276 χ^2/NDF : 474926.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 416.865+/-0.231 χ^2/NDF : 963324.1/6

eigen_cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 1127.726+/-2238.472 χ^2 /NDF: 3.8/1

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

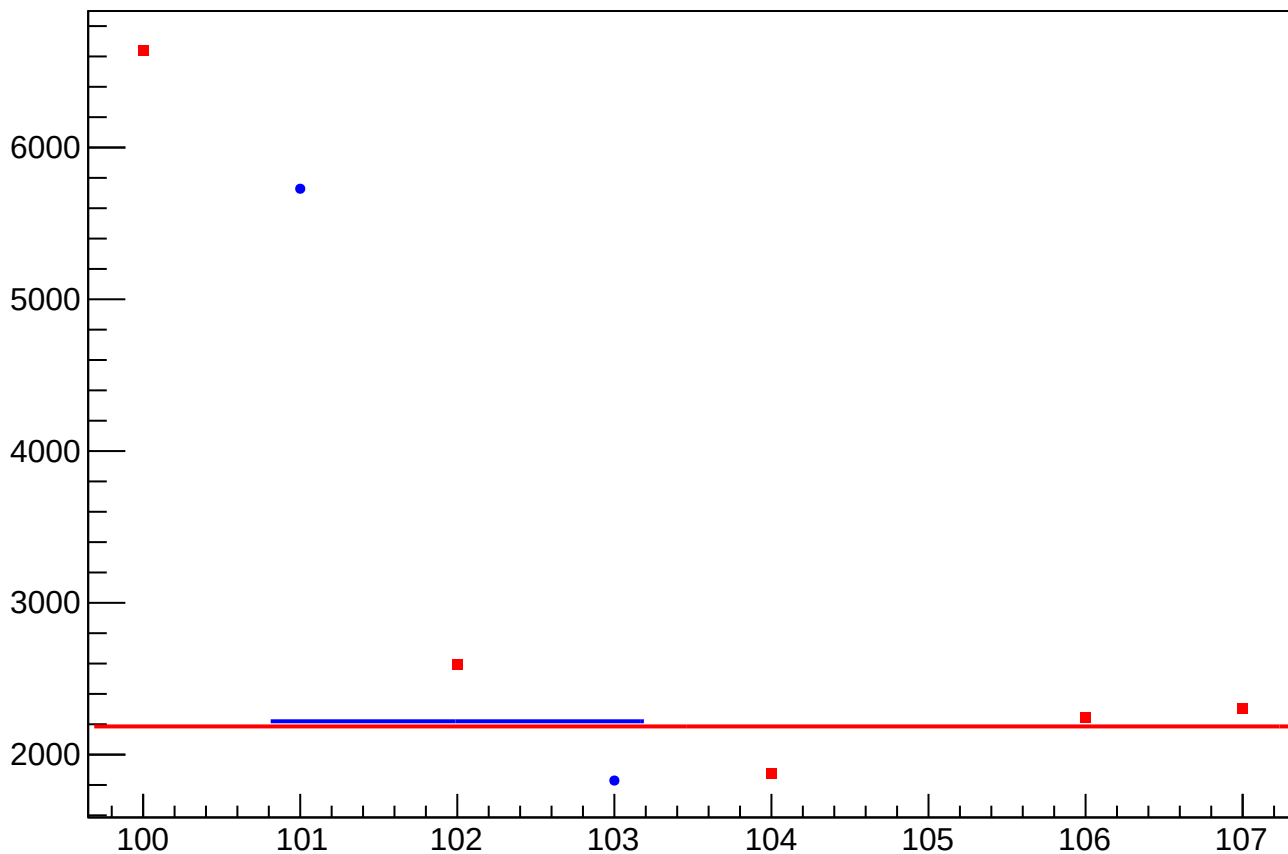
Right: 412.389+/-1373.577 χ^2 /NDF: 6.7/6

In: 1127.726+/-2238.472 χ^2 /NDF:3.8/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 412.389+/-1373.577 χ^2 /NDF: 6.7/6

eigen_cor_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2219.603+/-1.583 χ^2/NDF : 546784.5/1

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

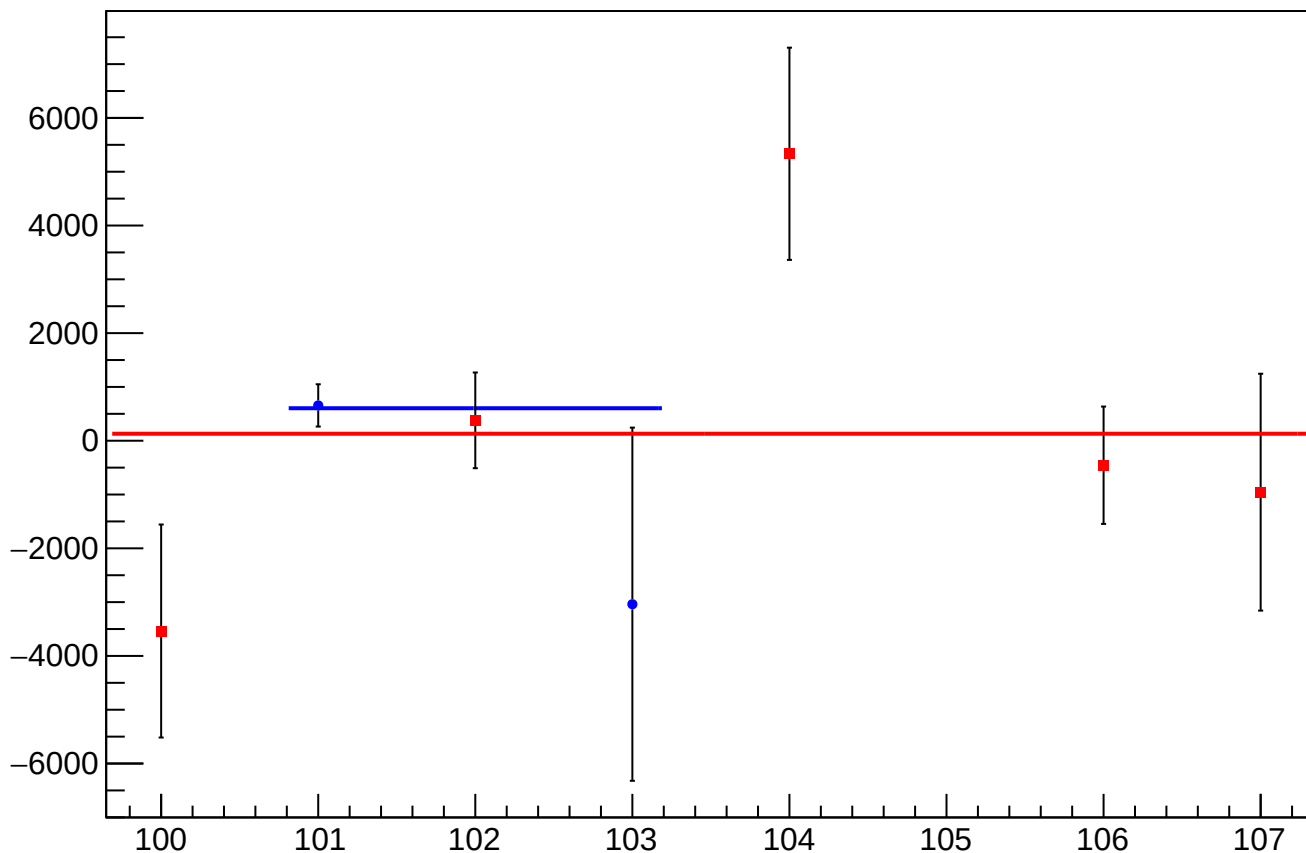
Right: 2198.448+/-0.971 χ^2/NDF : 667147.6/6

In: 2219.603+/-1.583 χ^2/NDF : 546784.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2198.448+/-0.971 χ^2/NDF : 667147.6/6

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 604.014 $\pm$ 390.250 χ^2 /NDF: 1.2/1

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

Right Out: 130.125 $\pm$ 595.144 χ^2 /NDF: 11.0/4

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

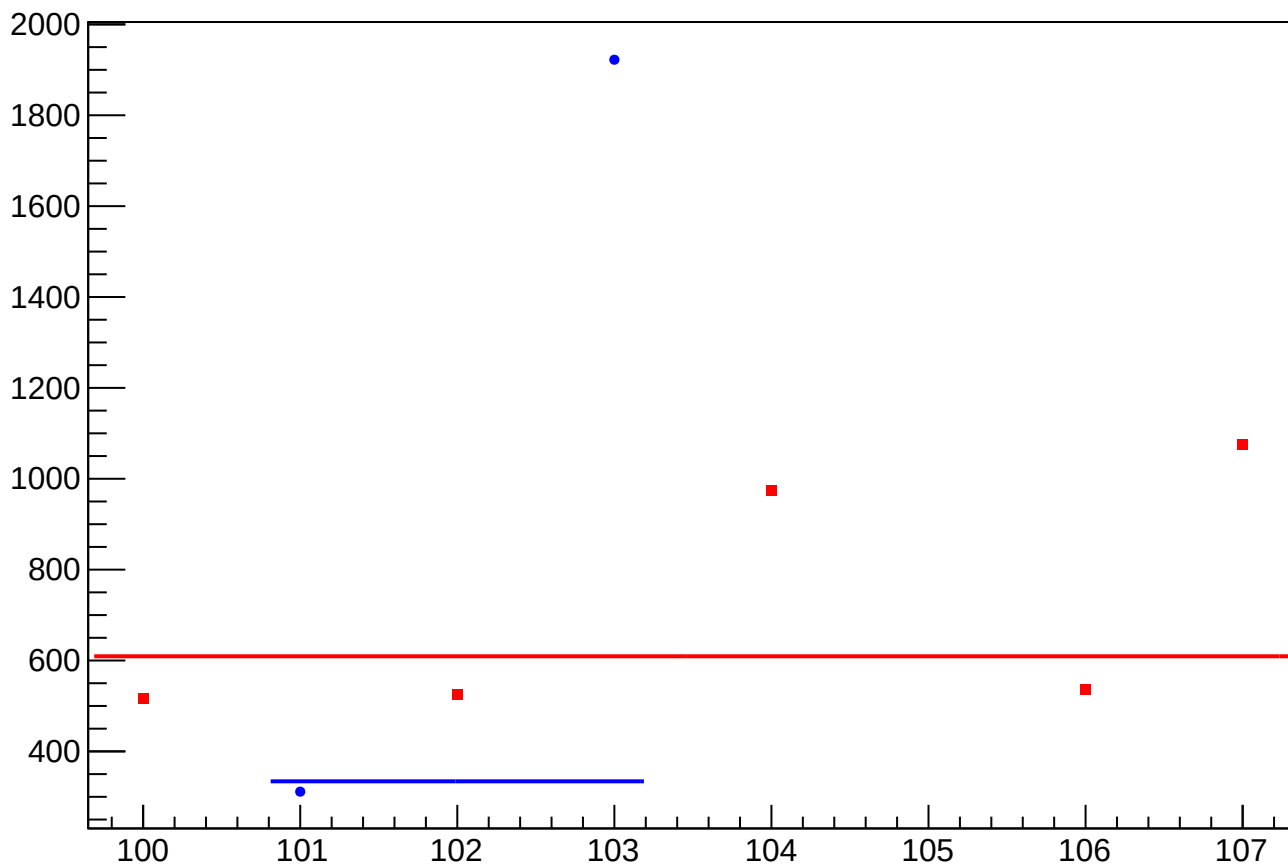
Right: 461.522 $\pm$ 326.347 χ^2 /NDF: 12.7/6

In: 604.014 $\pm$ 390.250 χ^2 /NDF:1.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 461.522 $\pm$ 326.347 χ^2 /NDF: 12.7/6

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 334.122+/-0.276 χ^2/NDF : 474926.9/1

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

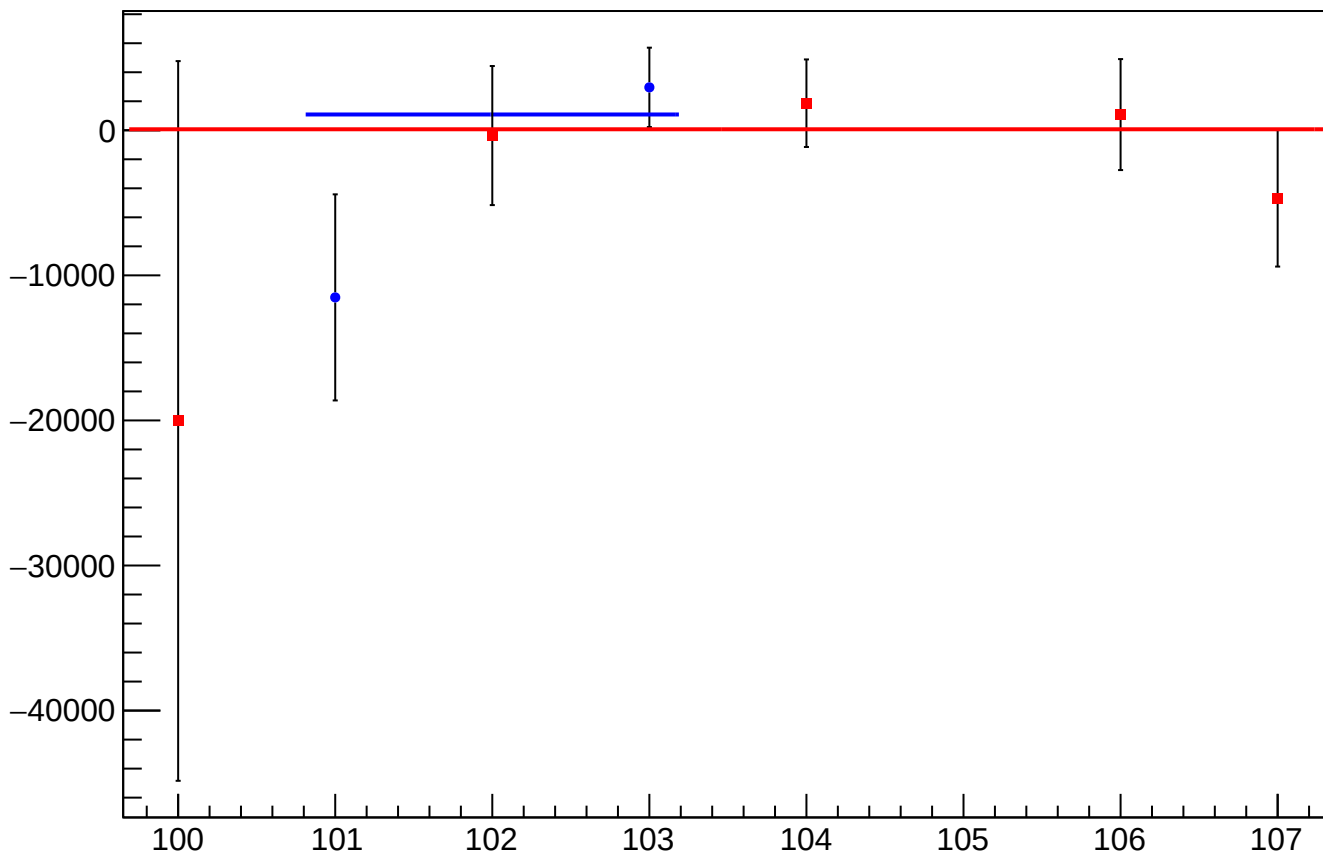
Right: 416.865+/-0.231 χ^2/NDF : 963324.1/6

In: 334.122+/-0.276 χ^2/NDF : 474926.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 416.865+/-0.231 χ^2/NDF : 963324.1/6

dit_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 1088.750+/-2552.720 χ^2 /NDF: 3.6/1

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

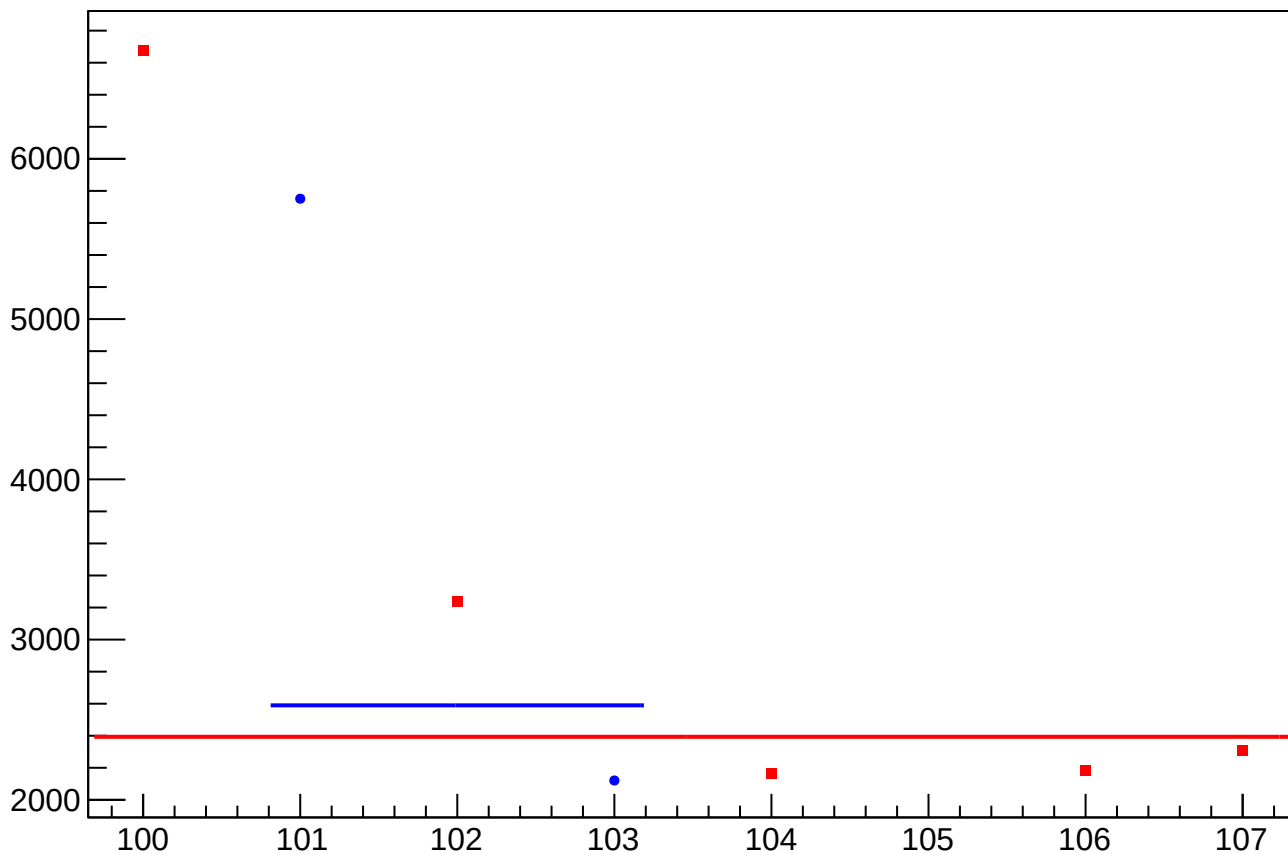
Right: 440.147+/-1539.440 χ^2 /NDF: 5.8/6

In: 1088.750+/-2552.720 χ^2 /NDF:3.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 440.147+/-1539.440 χ^2 /NDF: 5.8/6

dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2589.680+/-1.805 χ^2/NDF : 454967.7/1

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

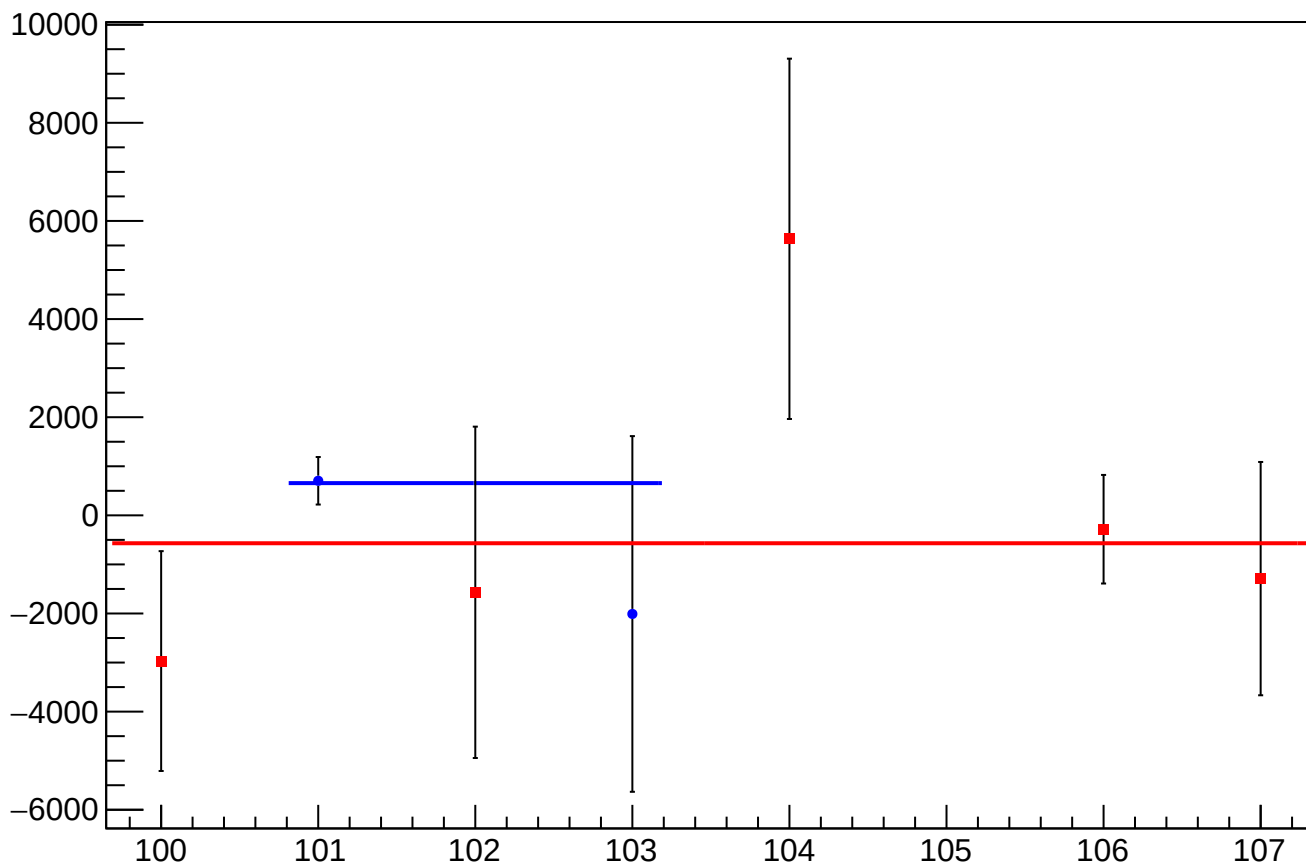
Right: 2464.854+/-1.089 χ^2/NDF : 602692.7/6

In: 2589.680+/-1.805 χ^2/NDF : 454967.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2464.854+/-1.089 χ^2/NDF : 602692.7/6

asym_us_avg_at1lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 656.924+/-479.988 χ^2/NDF : 0.6/1

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

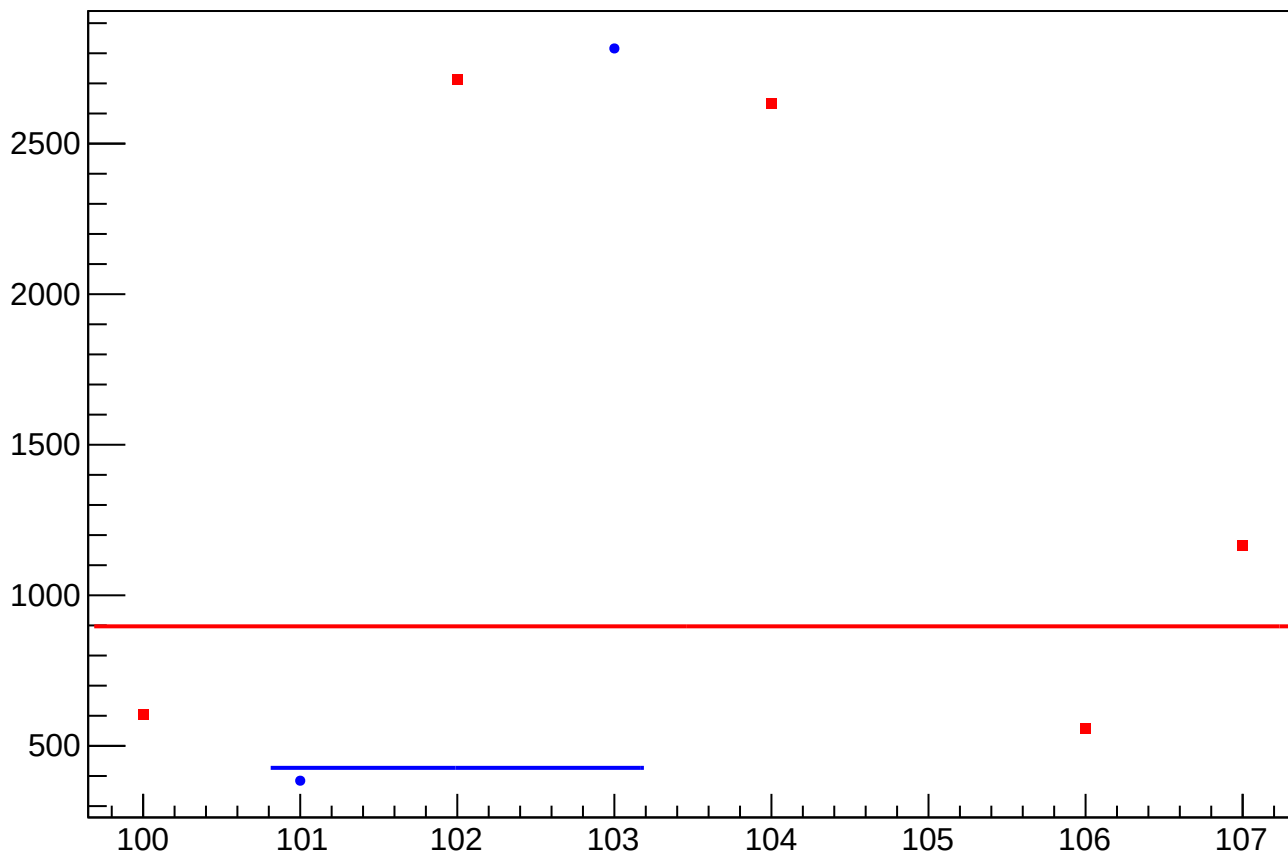
Right: 365.378+/-419.023 χ^2/NDF : 6.4/6

In: 656.924+/-479.988 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 365.378+/-419.023 χ^2/NDF : 6.4/6

asym_us_avg_at1lr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 427.033+/-0.339 χ^2/NDF : 884530.1/1

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

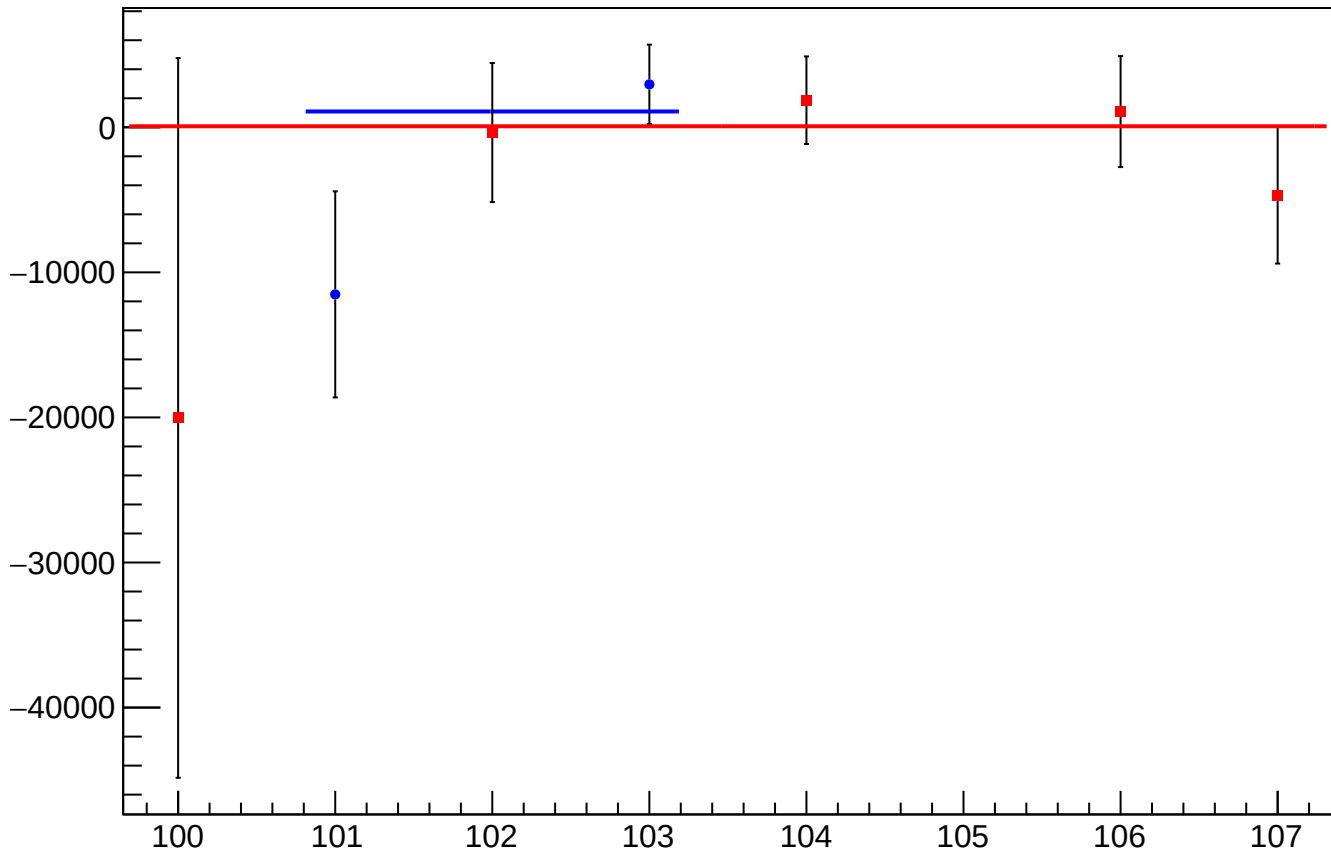
Right: 538.832+/-0.296 χ^2/NDF : 2615186.2/6

In: 427.033+/-0.339 χ^2/NDF : 884530.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 538.832+/-0.296 χ^2/NDF : 2615186.2/6

eigen_dit_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 1088.757+/-2552.718 χ^2 /NDF: 3.6/1

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

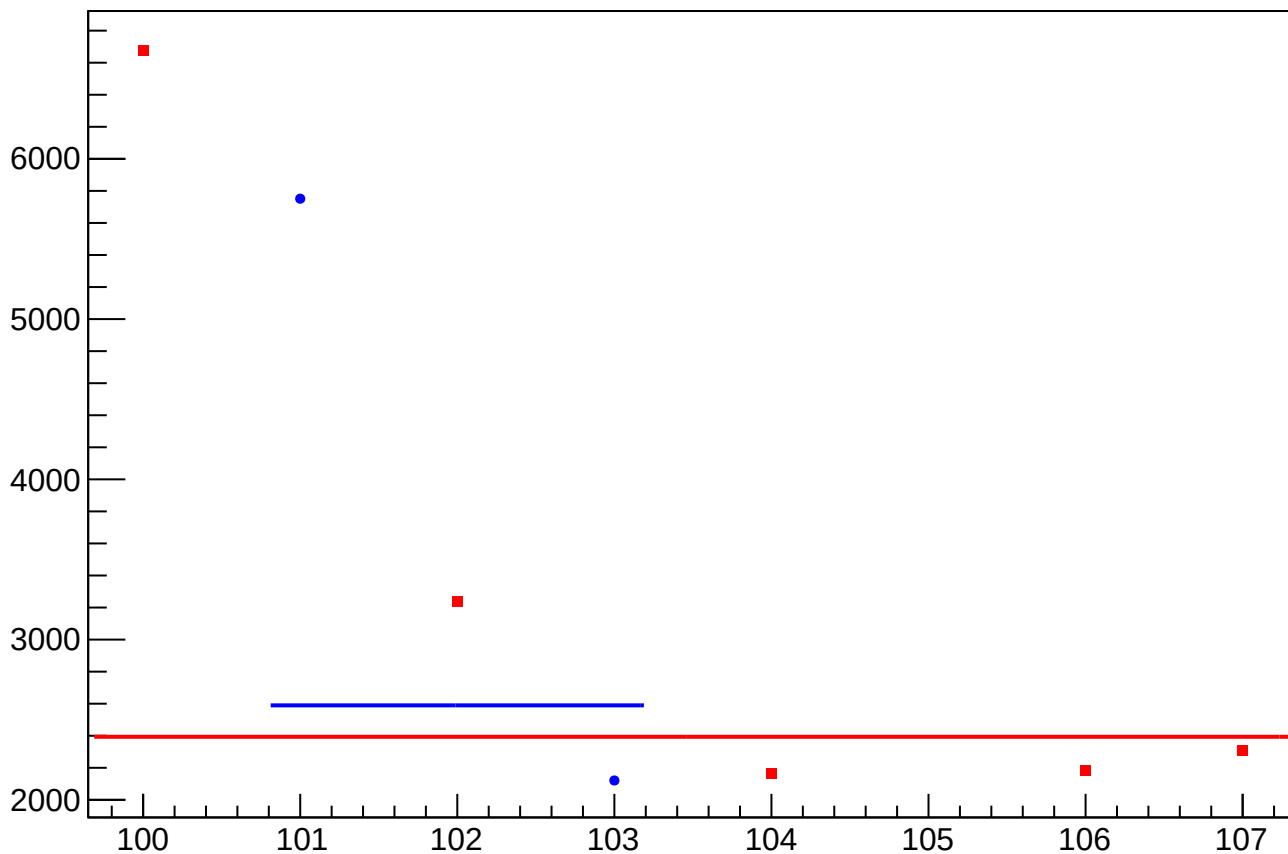
Right: 440.150+/-1539.439 χ^2 /NDF: 5.8/6

In: 1088.757+/-2552.718 χ^2 /NDF:3.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 440.150+/-1539.439 χ^2 /NDF: 5.8/6

eigen_dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2589.677+/-1.805 χ^2/NDF : 454968.4/1

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

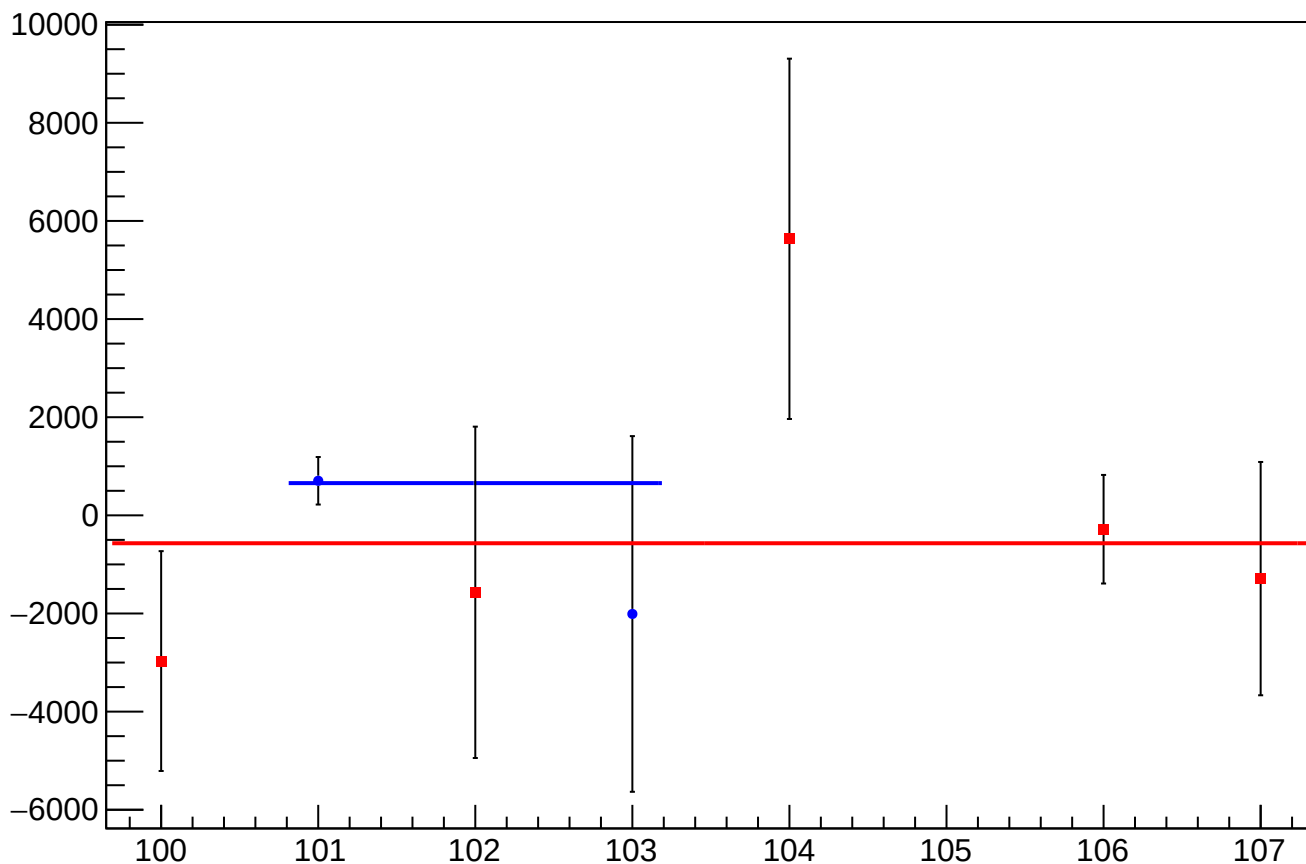
Right: 2464.852+/-1.089 χ^2/NDF : 602693.2/6

In: 2589.677+/-1.805 χ^2/NDF : 454968.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2464.852+/-1.089 χ^2/NDF : 602693.2/6

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 656.925+/-479.988 χ^2/NDF : 0.6/1

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

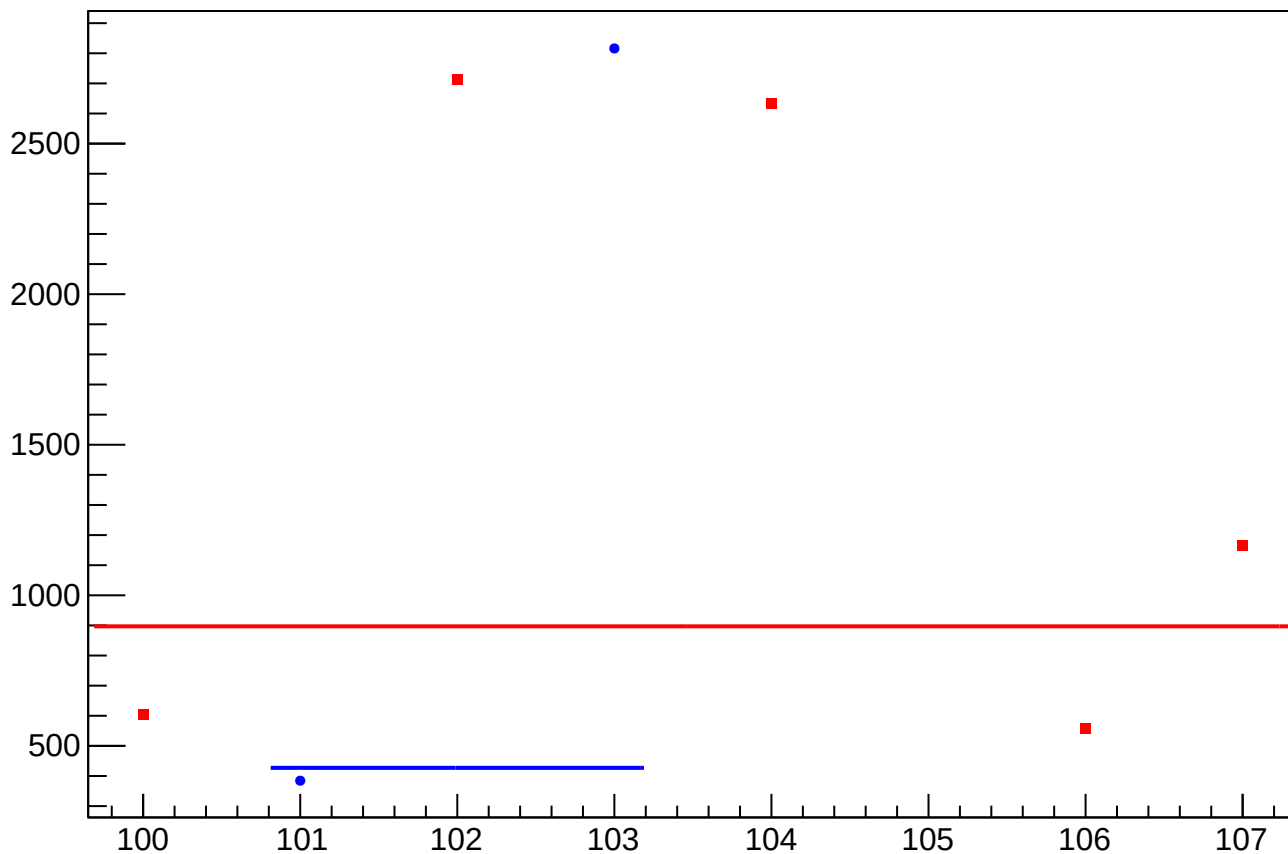
Right: 365.376+/-419.024 χ^2/NDF : 6.4/6

In: 656.925+/-479.988 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 365.376+/-419.024 χ^2/NDF : 6.4/6

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 427.033+/-0.339 χ^2/NDF : 884530.2/1

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

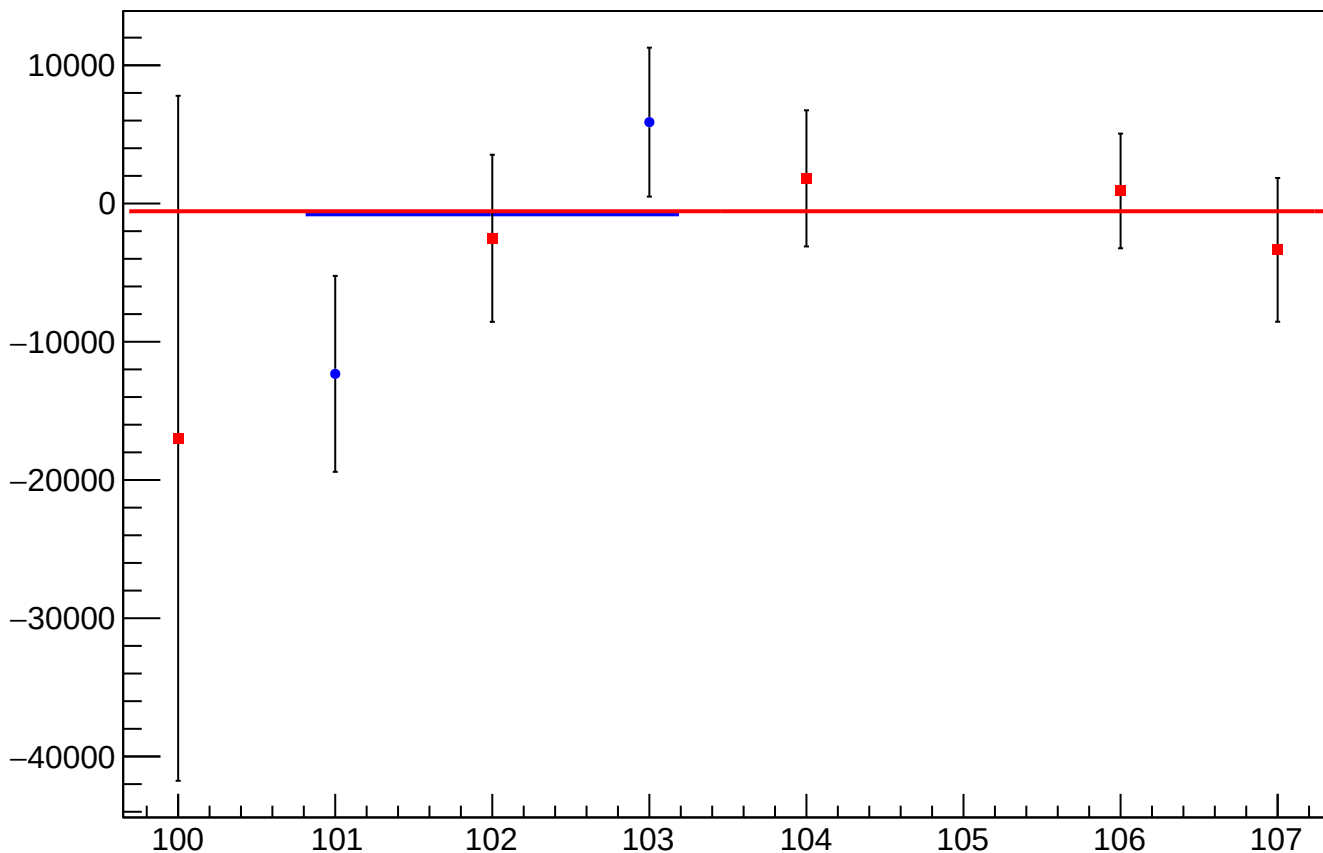
Right: 538.832+/-0.296 χ^2/NDF : 2615188.7/6

In: 427.033+/-0.339 χ^2/NDF : 884530.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 538.832+/-0.296 χ^2/NDF : 2615188.7/6

asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -780.824+/-4288.720 χ^2/NDF : 4.2/1

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

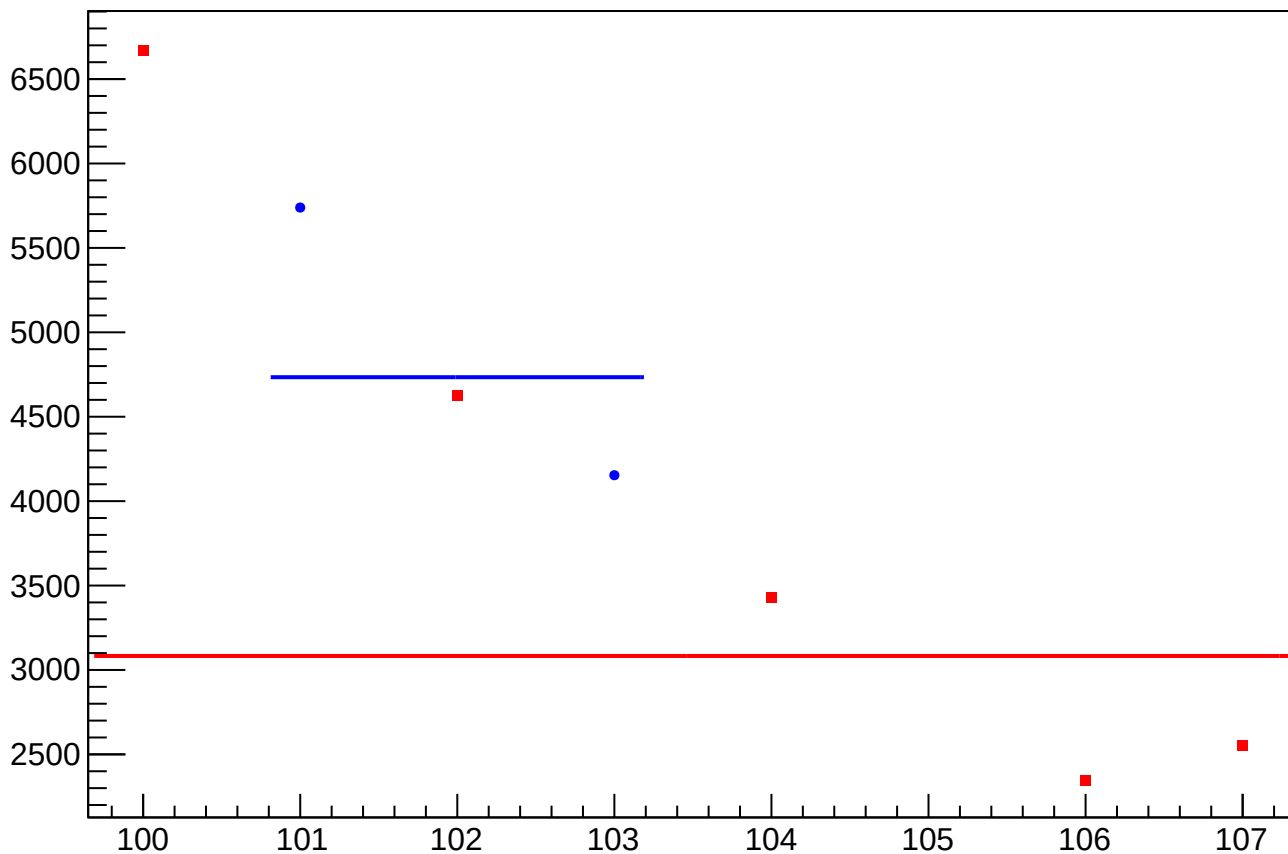
Right: -614.461+/-2133.515 χ^2/NDF : 5.4/6

In: -780.824+/-4288.720 χ^2/NDF : 4.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -614.461+/-2133.515 χ^2/NDF : 5.4/6

asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 4734.151+/-3.033 χ^2/NDF : 63438.5/1

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

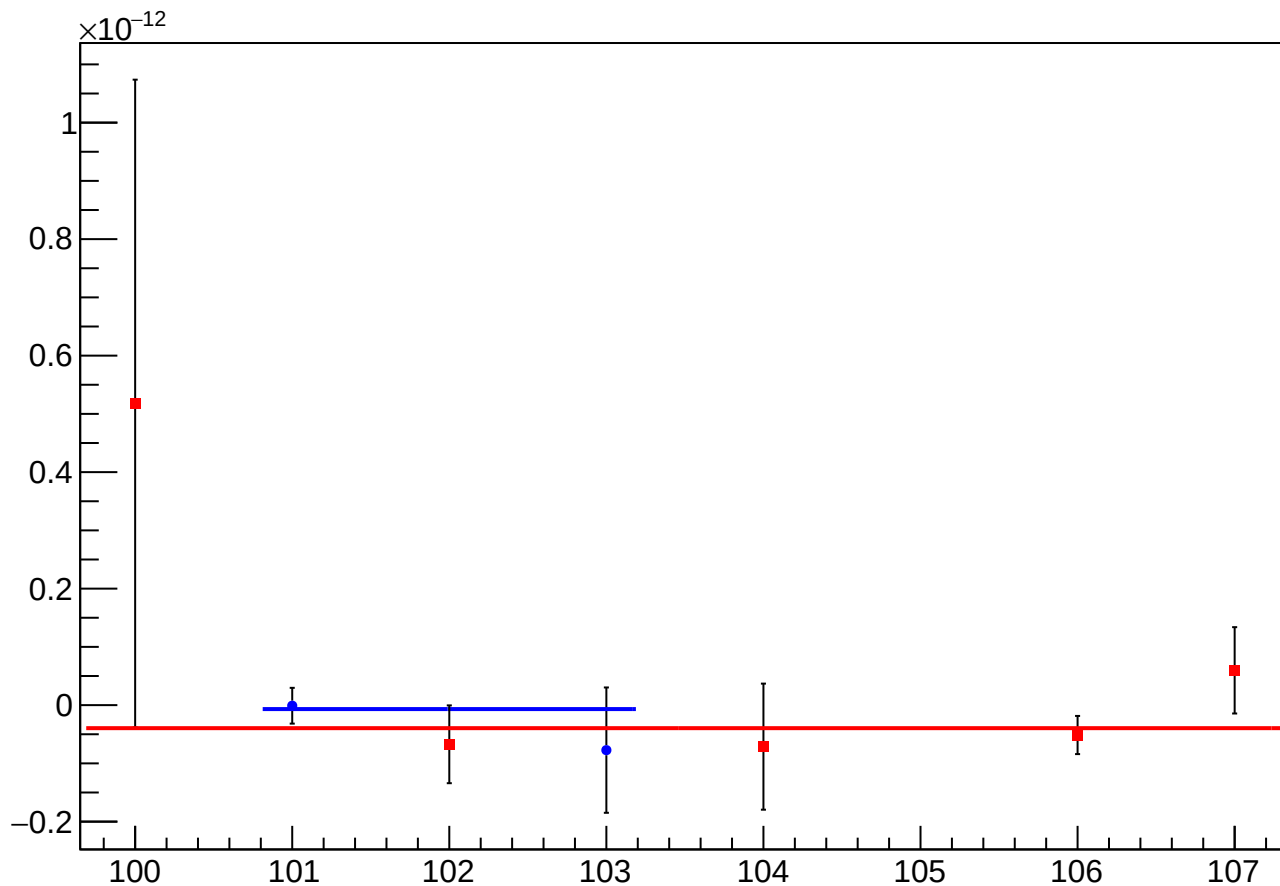
Right: 3491.508+/-1.509 χ^2/NDF : 552722.9/6

In: 4734.151+/-3.033 χ^2/NDF : 63438.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3491.508+/-1.509 χ^2/NDF : 552722.9/6

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.5/1

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

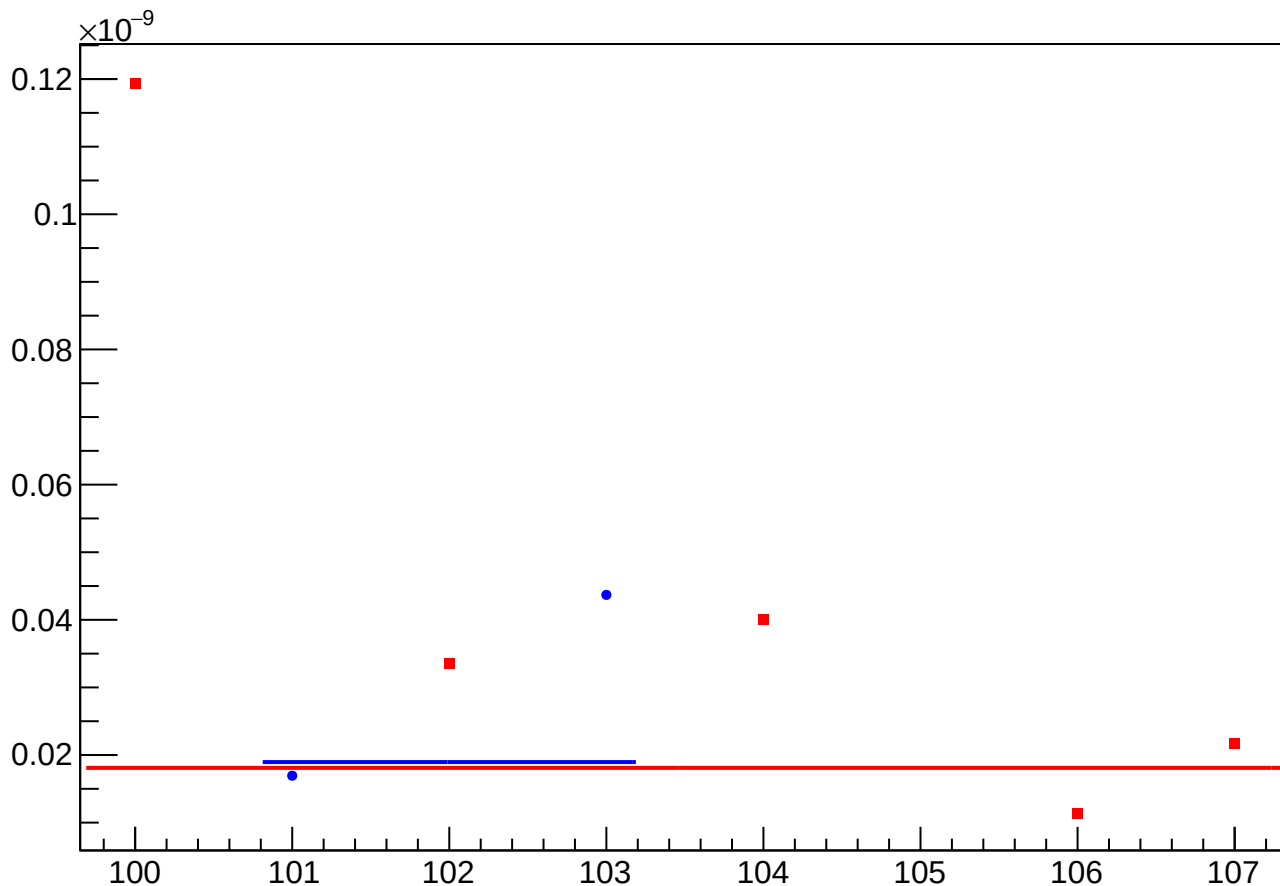
Right: -0.000+/-0.000 χ^2/NDF : 4.3/6

In: -0.000+/-0.000 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.3/6

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 114327.4/1

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

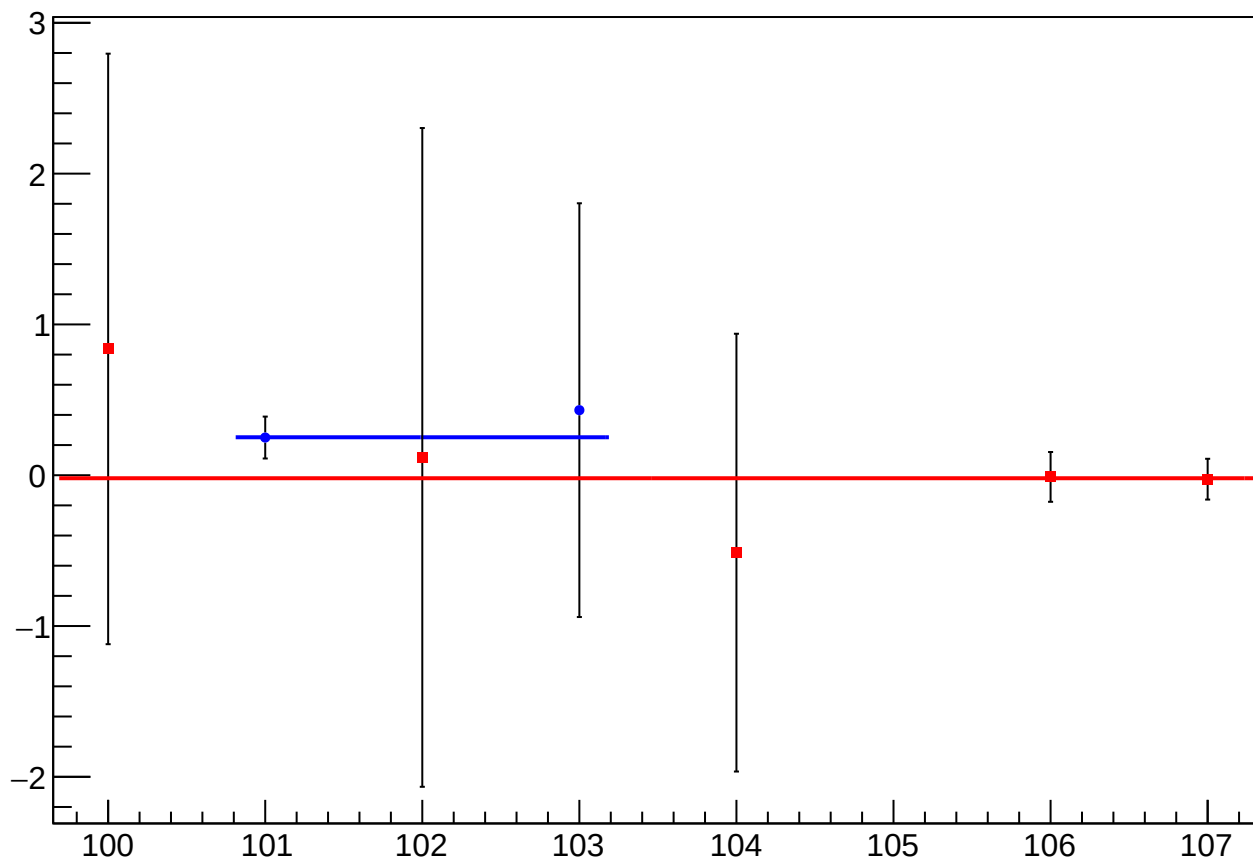
Right: 0.000+/-0.000 χ^2/NDF : 460618.3/6

In: 0.000+/-0.000 χ^2/NDF : 114327.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 460618.3/6

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.252 $\pm$ 0.138 χ^2 /NDF: 0.0/1

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

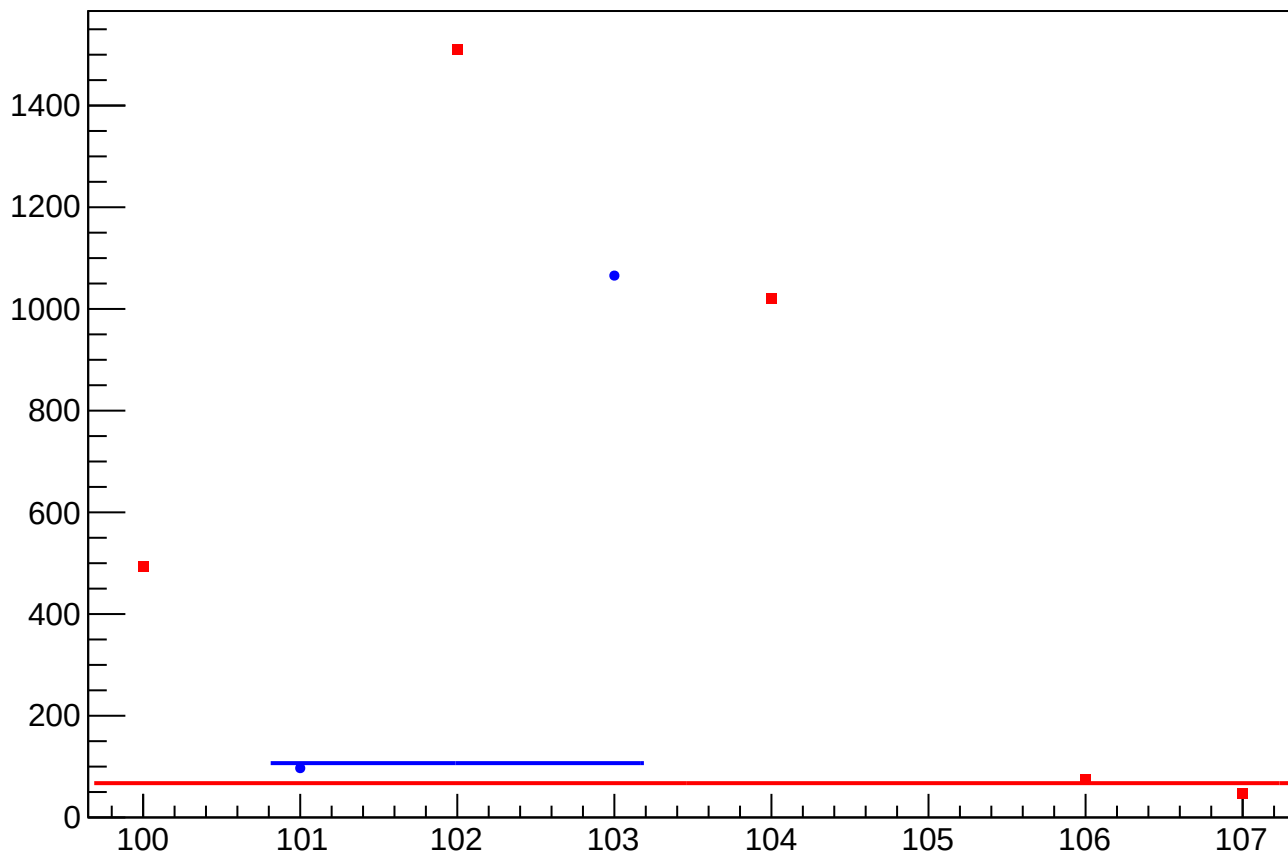
Right: 0.078 $\pm$ 0.083 χ^2 /NDF: 2.8/6

In: 0.252 $\pm$ 0.138 χ^2 /NDF: 0.0/1

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

All: 0.078 $\pm$ 0.083 χ^2 /NDF: 2.8/6

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 106.831 $\pm$ 0.098 χ^2 /NDF: 986853.3/1

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

Right Out: 67.452 $\pm$ 0.074 χ^2 /NDF: 1881385.4/4

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

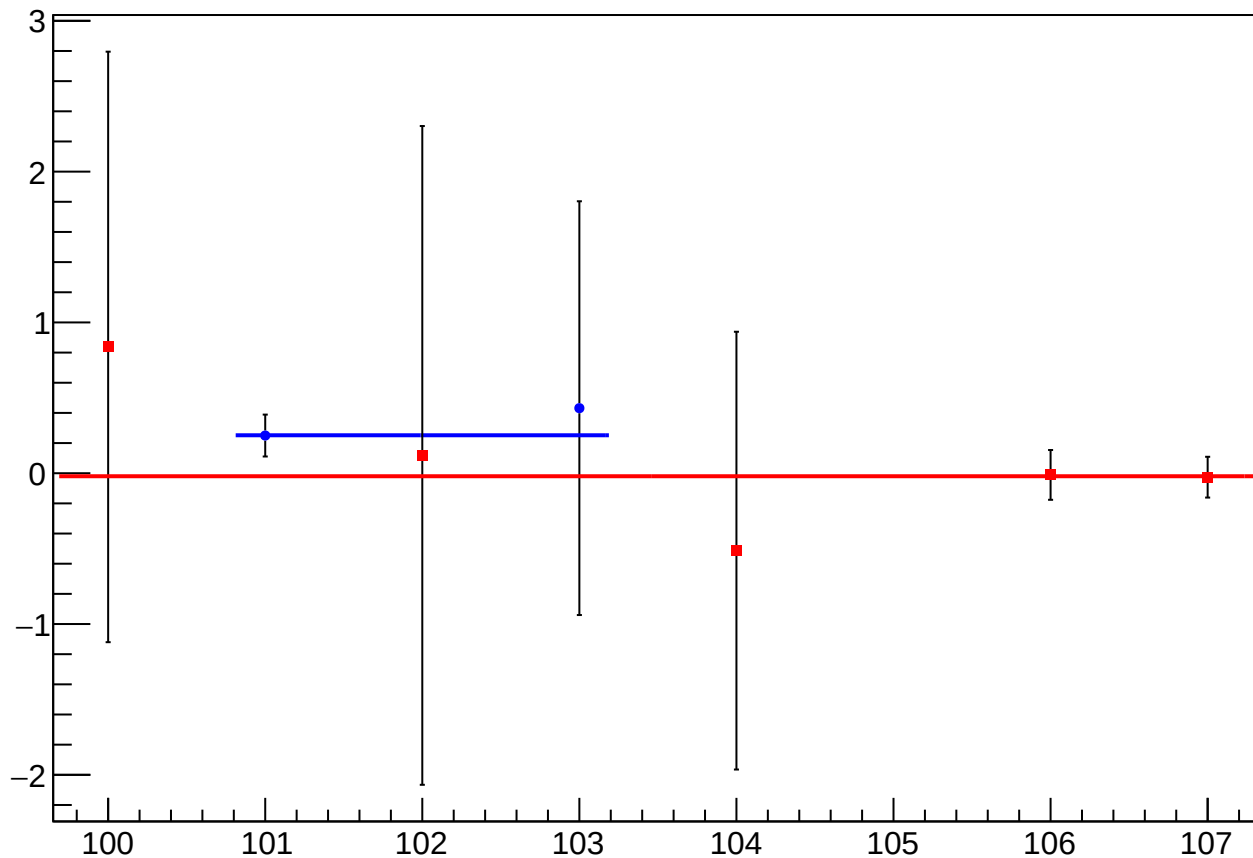
Right: 81.700 $\pm$ 0.059 χ^2 /NDF: 2971840.6/6

In: 106.831 $\pm$ 0.098 χ^2 /NDF: 986853.3/1

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

All: 81.700 $\pm$ 0.059 χ^2 /NDF: 2971840.6/6

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.252 $\pm$ 0.138 χ^2 /NDF: 0.0/1

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

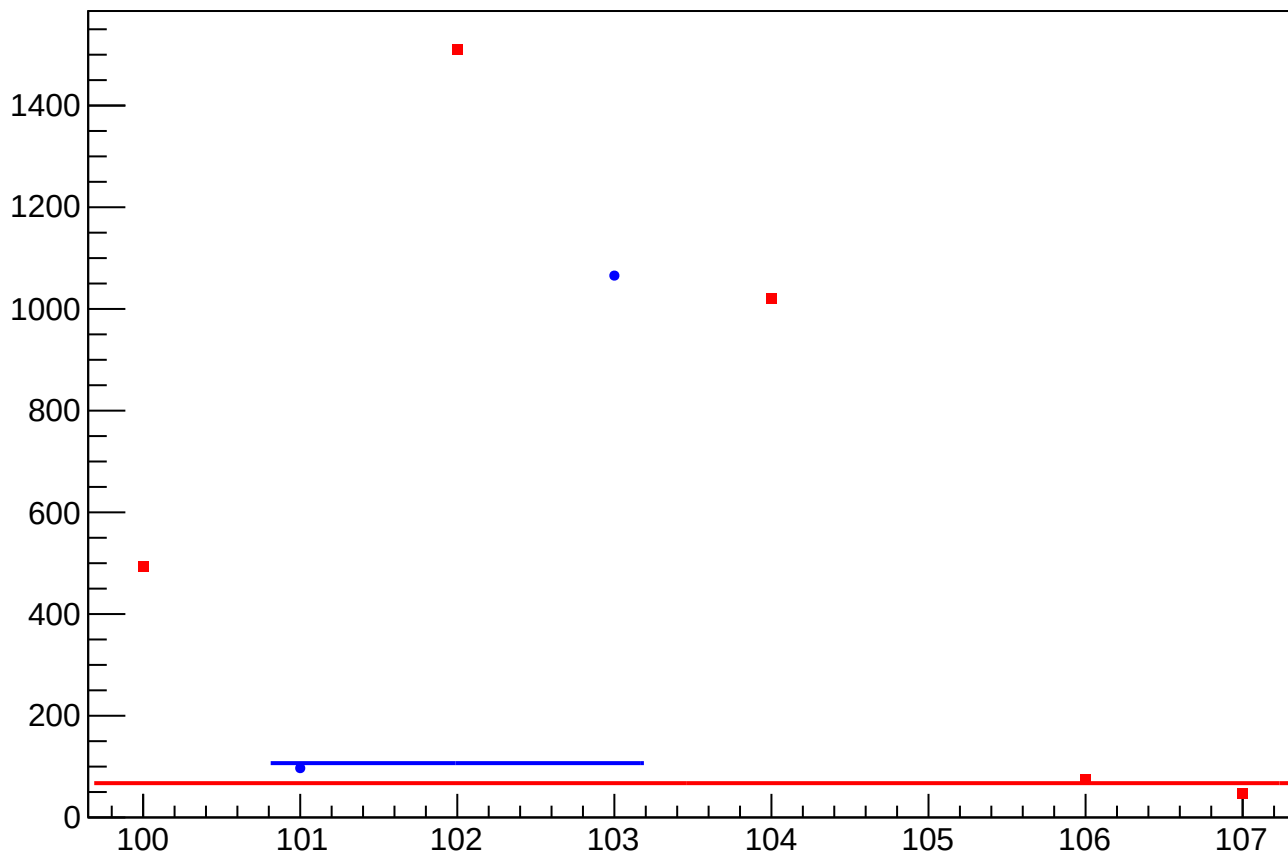
Right: 0.078 $\pm$ 0.083 χ^2 /NDF: 2.8/6

In: 0.252 $\pm$ 0.138 χ^2 /NDF: 0.0/1

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

All: 0.078 $\pm$ 0.083 χ^2 /NDF: 2.8/6

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 106.831+/-0.098 χ^2/NDF : 986853.3/1

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

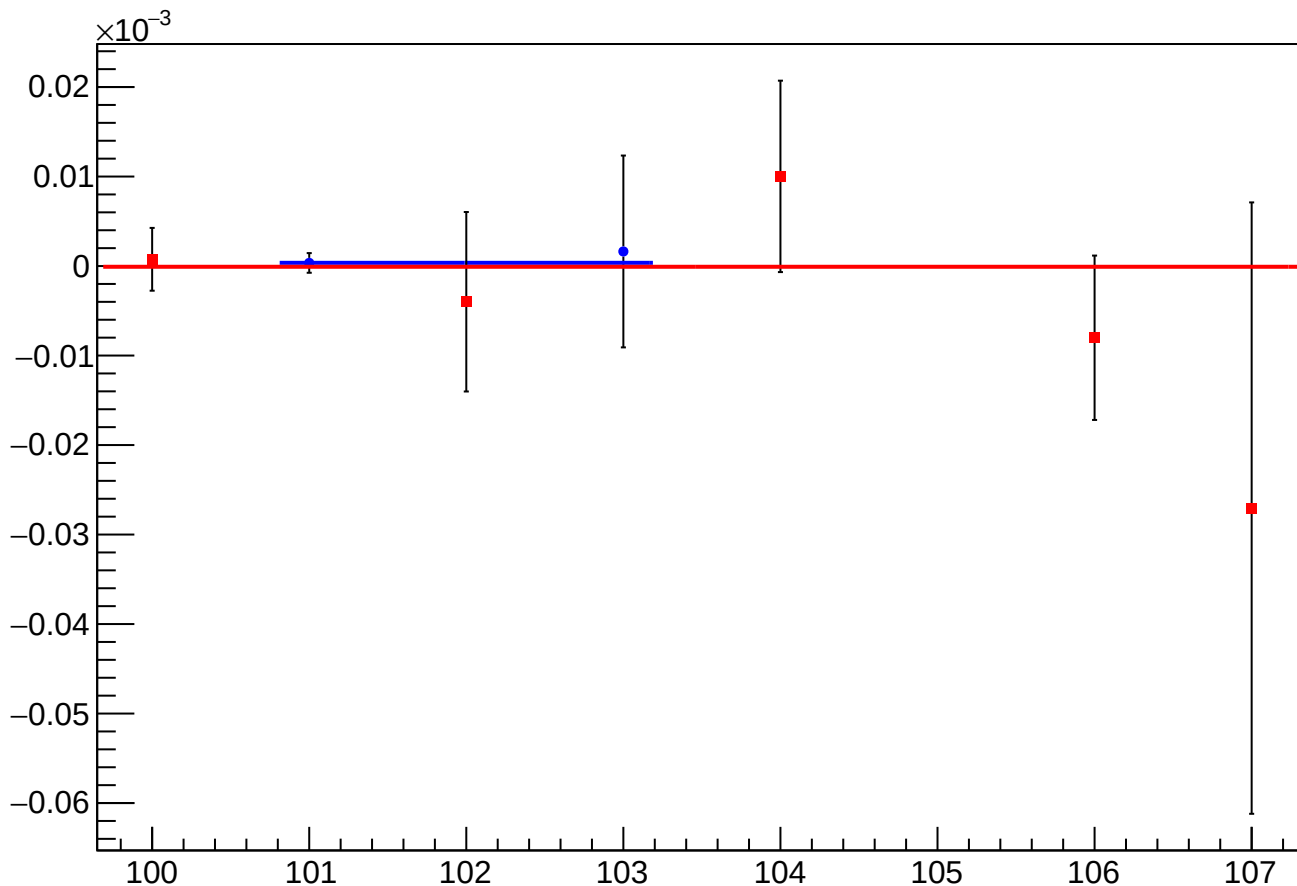
Right: 81.700+/-0.059 χ^2/NDF : 2971840.6/6

In: 106.831+/-0.098 χ^2/NDF : 986853.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.700+/-0.059 χ^2/NDF : 2971840.6/6

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/1

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.5/4

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

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

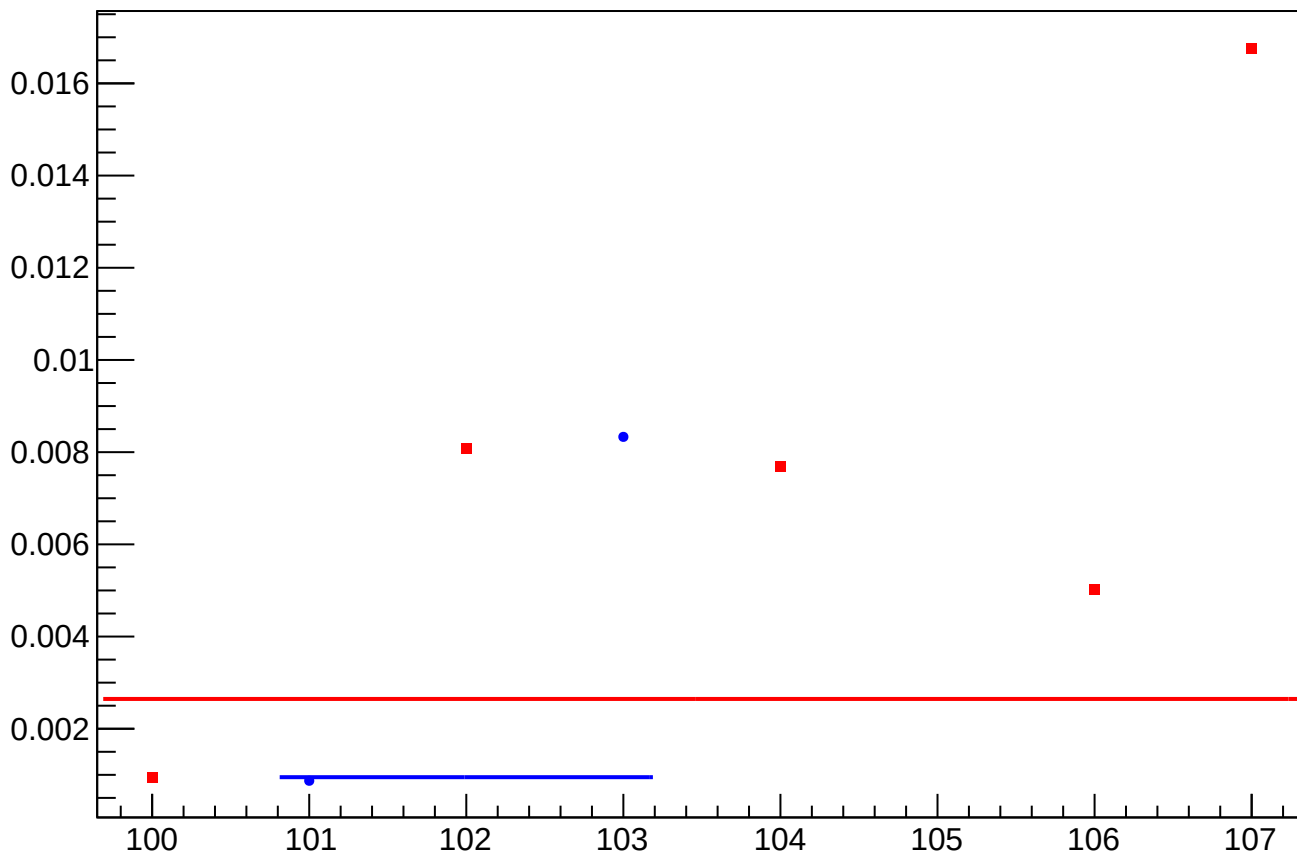
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.5/6

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/1

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.5/6

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 : 959008.8/1

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

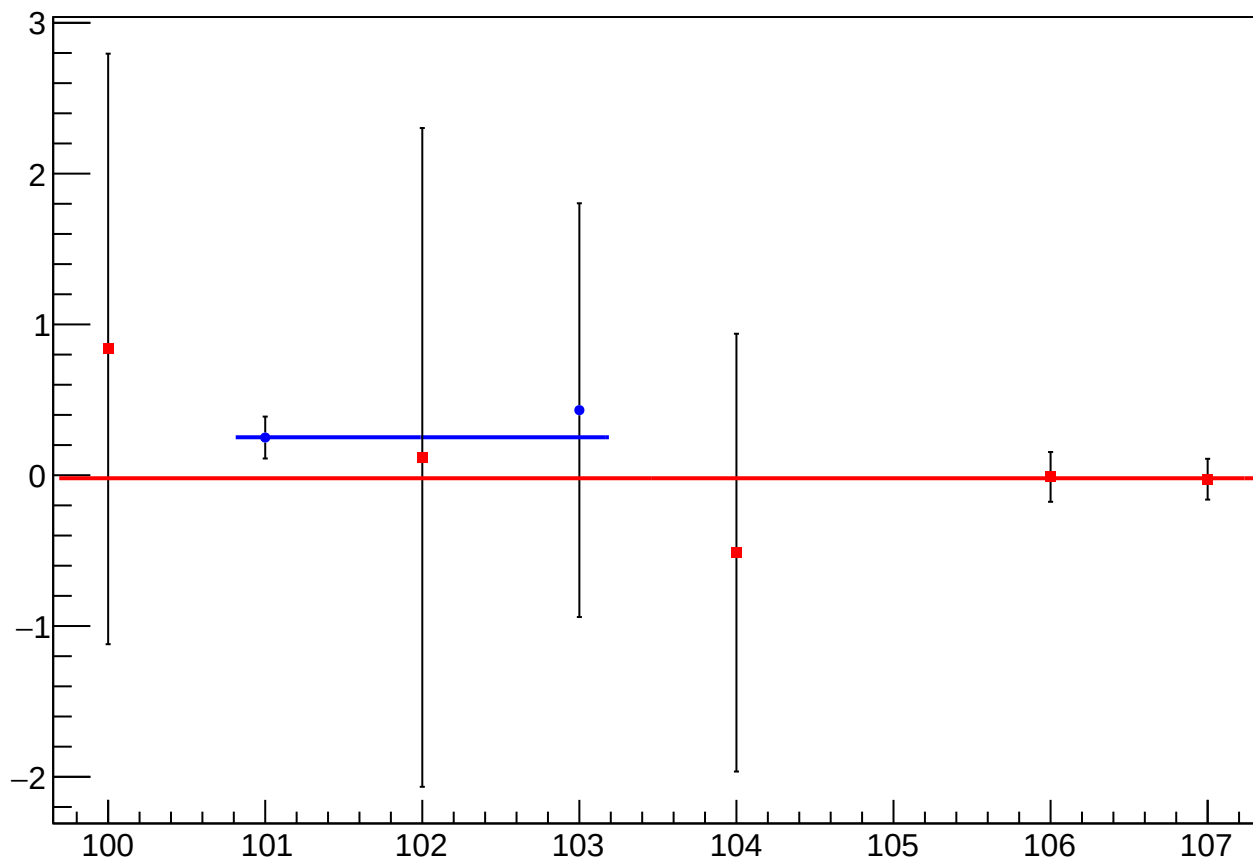
Right: 0.001+/-0.000 χ^2/NDF : 3506239.1/6

In: 0.001+/-0.000 χ^2/NDF : 959008.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3506239.1/6

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.252 $\pm$ 0.138 χ^2 /NDF: 0.0/1

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

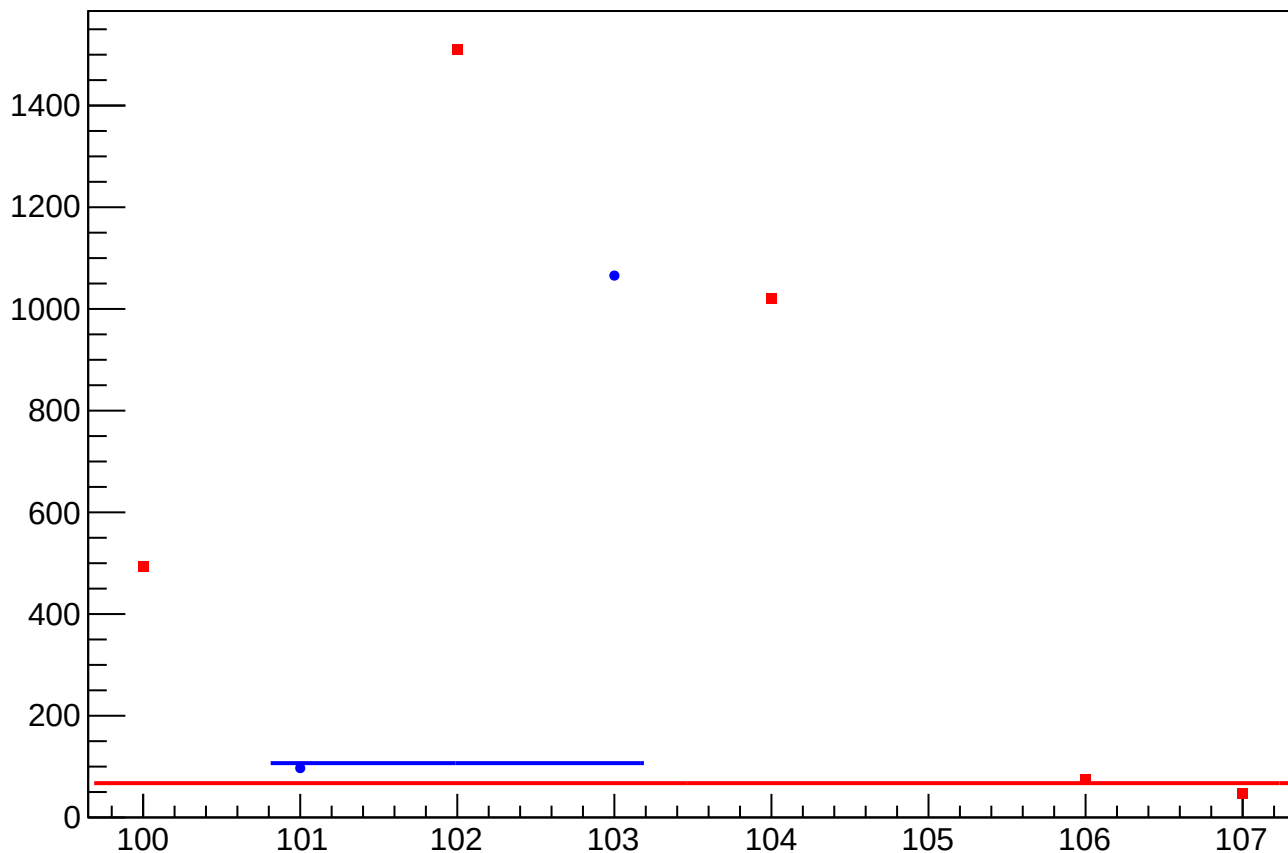
Right: 0.078 $\pm$ 0.083 χ^2 /NDF: 2.8/6

In: 0.252 $\pm$ 0.138 χ^2 /NDF: 0.0/1

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

All: 0.078 $\pm$ 0.083 χ^2 /NDF: 2.8/6

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 106.831 $\pm$ 0.098 χ^2 /NDF: 986853.1/1

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

Right Out: 67.455 $\pm$ 0.074 χ^2 /NDF: 1881357.6/4

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

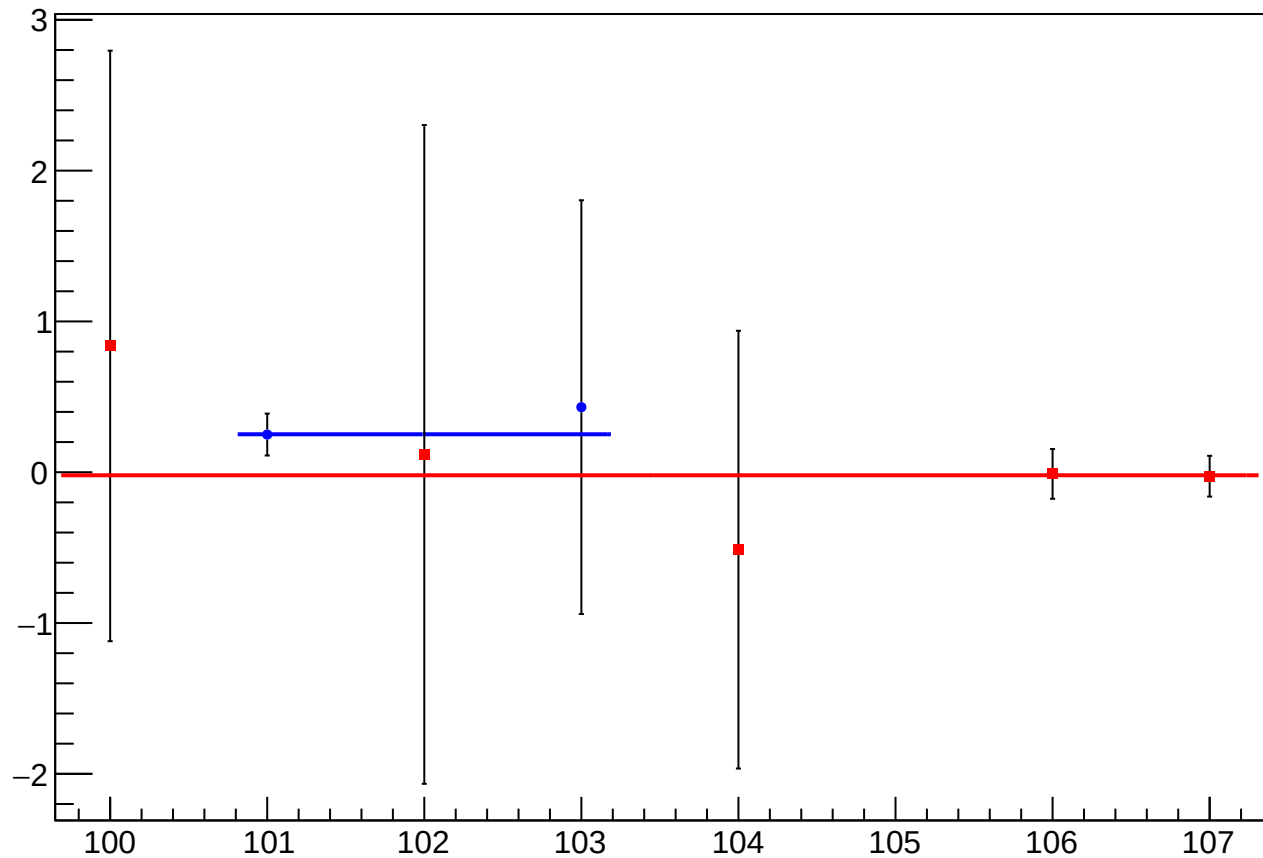
Right: 81.702 $\pm$ 0.059 χ^2 /NDF: 2971794.5/6

In: 106.831 $\pm$ 0.098 χ^2 /NDF:986853.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 81.702 $\pm$ 0.059 χ^2 /NDF: 2971794.5/6

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.252 $\pm$ 0.138 χ^2 /NDF: 0.0/1

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

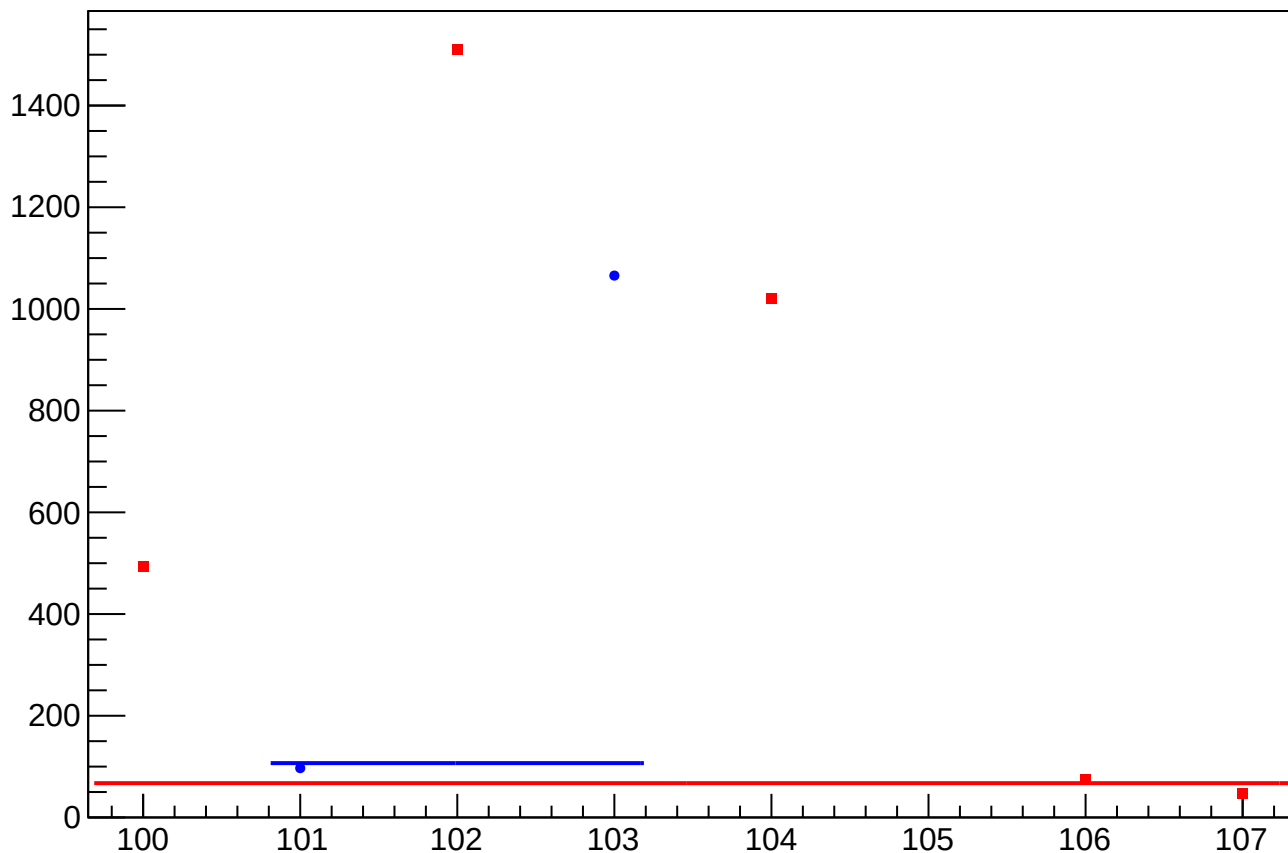
Right: 0.078 $\pm$ 0.083 χ^2 /NDF: 2.8/6

In: 0.252 $\pm$ 0.138 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.078 $\pm$ 0.083 χ^2 /NDF: 2.8/6

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 106.831 $\pm$ 0.098 χ^2 /NDF: 986853.1/1

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

Right Out: 67.455 $\pm$ 0.074 χ^2 /NDF: 1881357.6/4

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

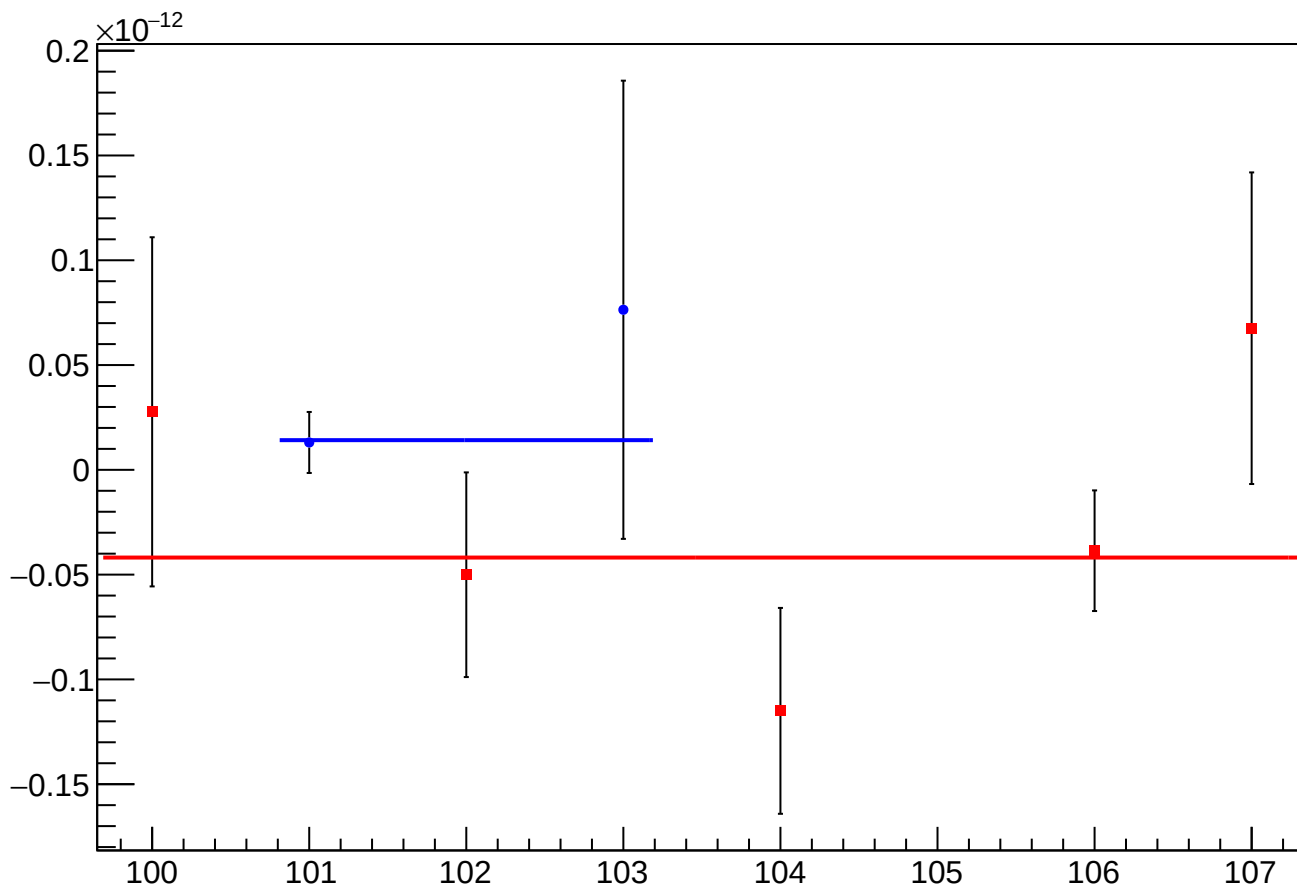
Right: 81.702 $\pm$ 0.059 χ^2 /NDF: 2971794.5/6

In: 106.831 $\pm$ 0.098 χ^2 /NDF:986853.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 81.702 $\pm$ 0.059 χ^2 /NDF: 2971794.5/6

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 : 0.3/1

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

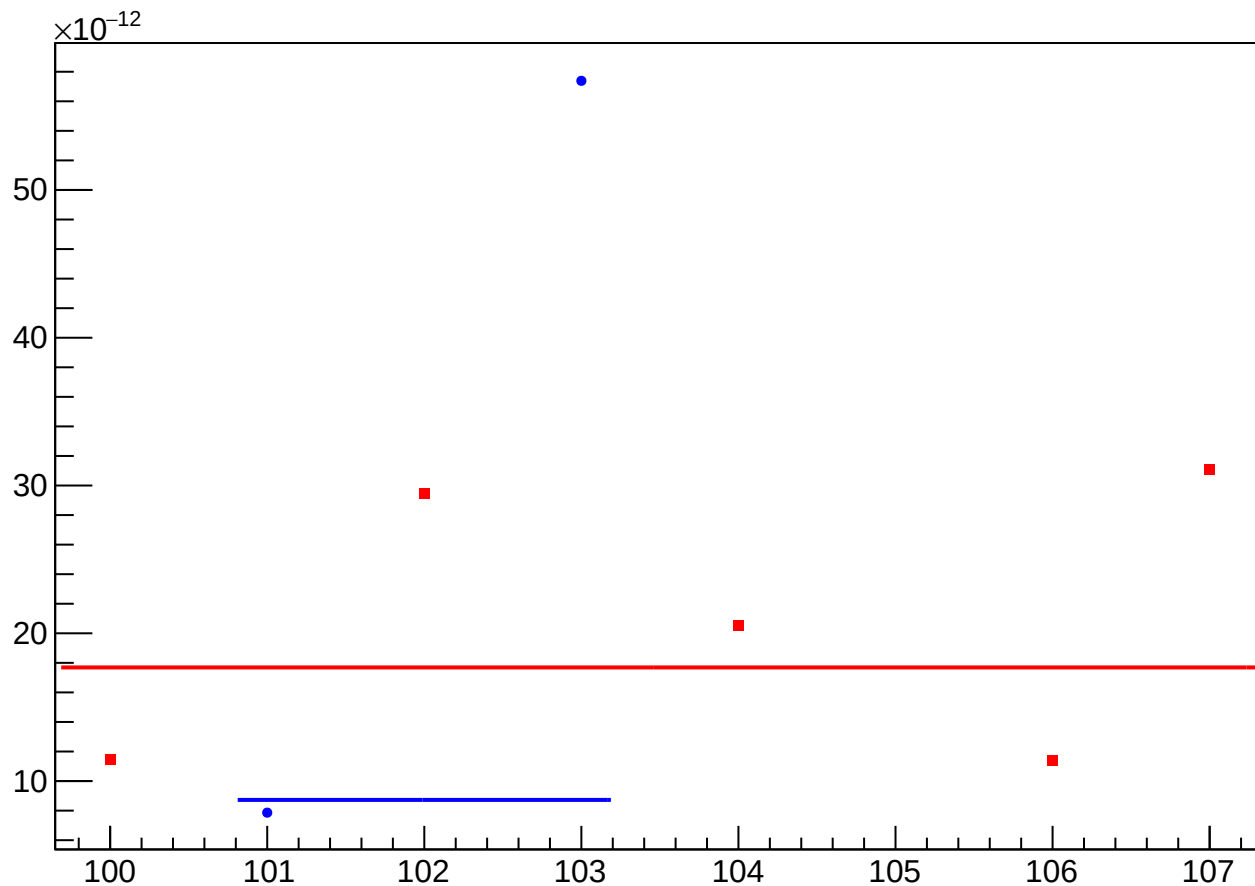
Right: -0.000+/-0.000 χ^2/NDF : 10.4/6

In: 0.000+/-0.000 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.4/6

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 : 403288.5/1

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

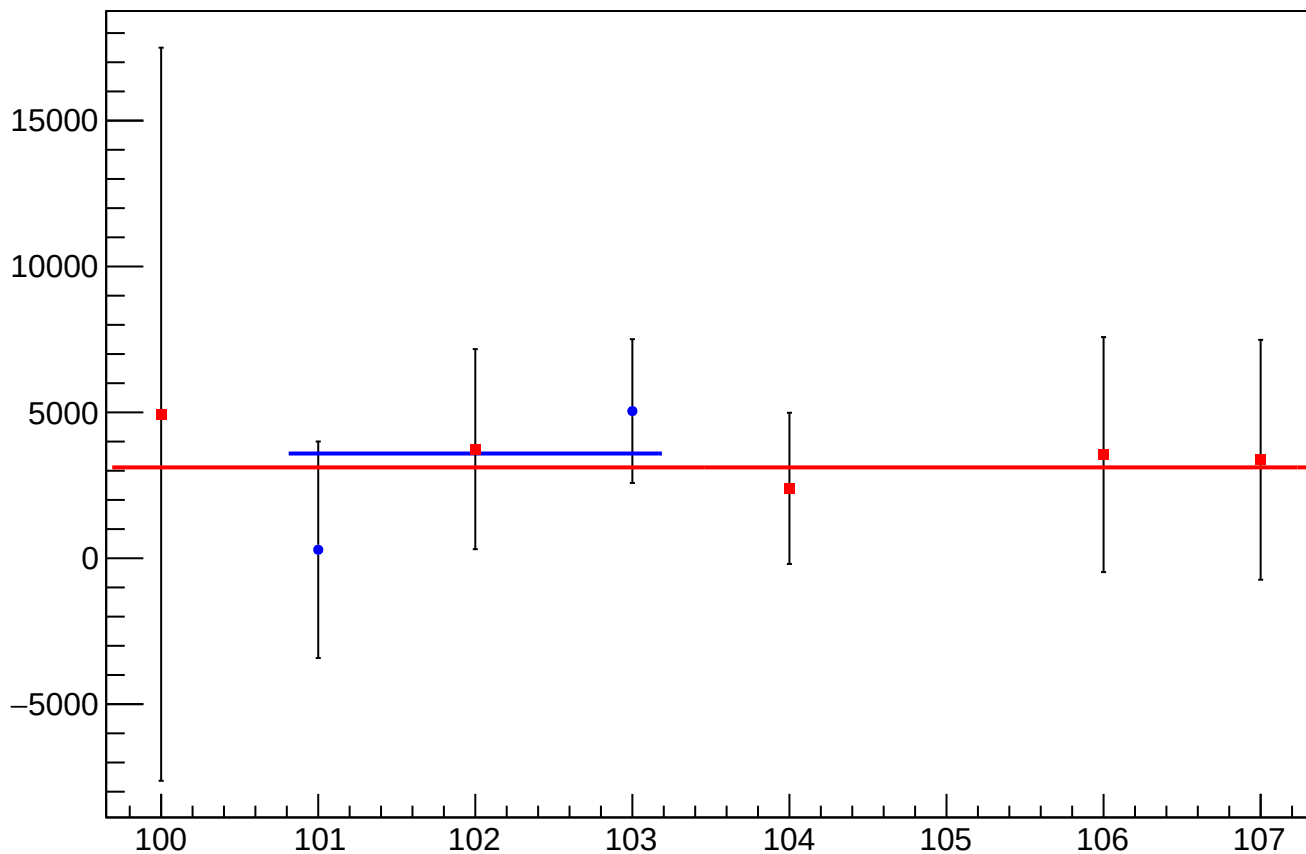
Right: 0.000+/-0.000 χ^2/NDF : 953028.1/6

In: 0.000+/-0.000 χ^2/NDF : 403288.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 953028.1/6

reg_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3590.659+/-2052.540 χ^2/NDF : 1.1/1

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

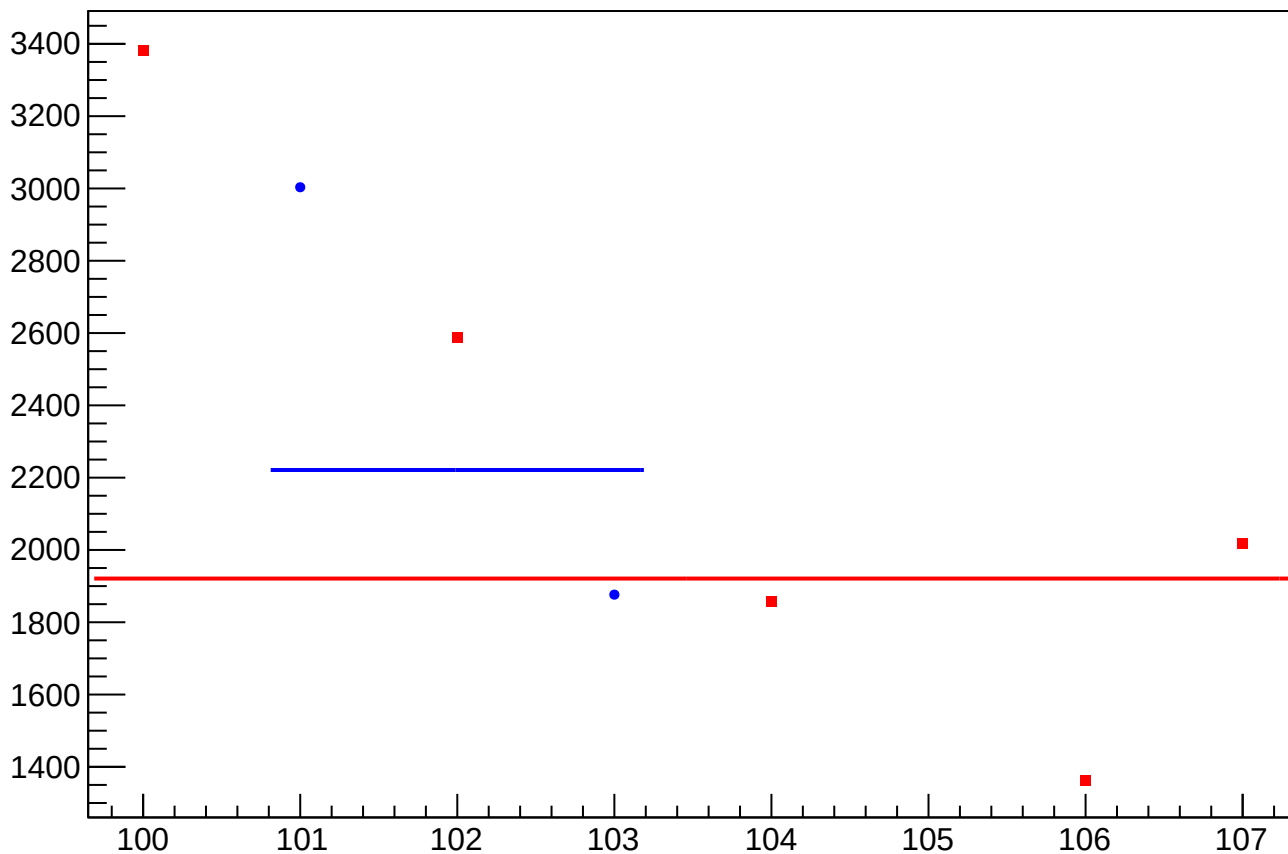
Right: 3303.709+/-1292.500 χ^2/NDF : 1.3/6

In: 3590.659+/-2052.540 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3303.709+/-1292.500 χ^2/NDF : 1.3/6

reg_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2221.163+/-1.451 χ^2/NDF : 128034.2/1

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

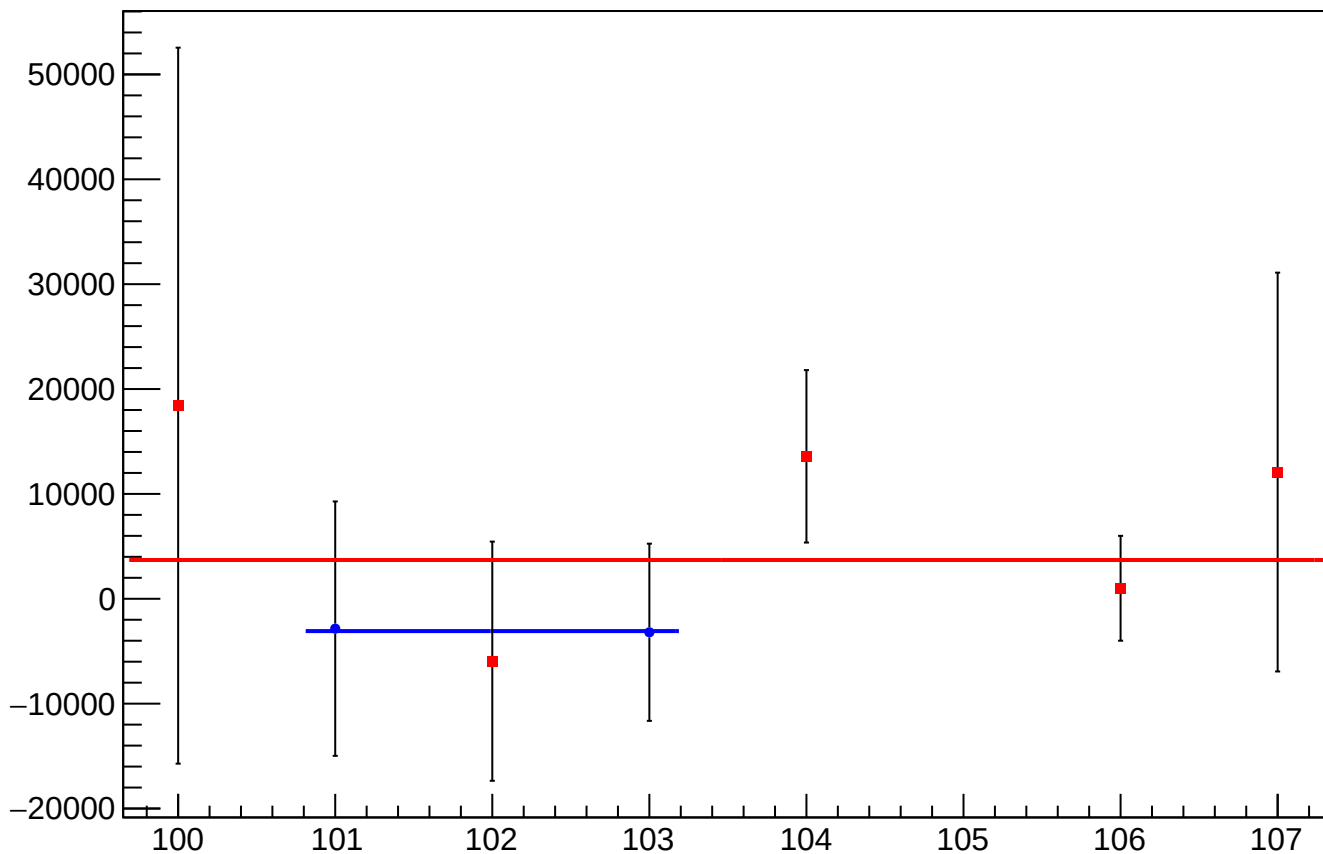
Right: 2030.835+/-0.878 χ^2/NDF : 329322.7/6

In: 2221.163+/-1.451 χ^2/NDF : 128034.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2030.835+/-0.878 χ^2/NDF : 329322.7/6

asym_us_avg_at2lr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -3080.783+/-6932.210 χ^2/NDF : 0.0/1

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

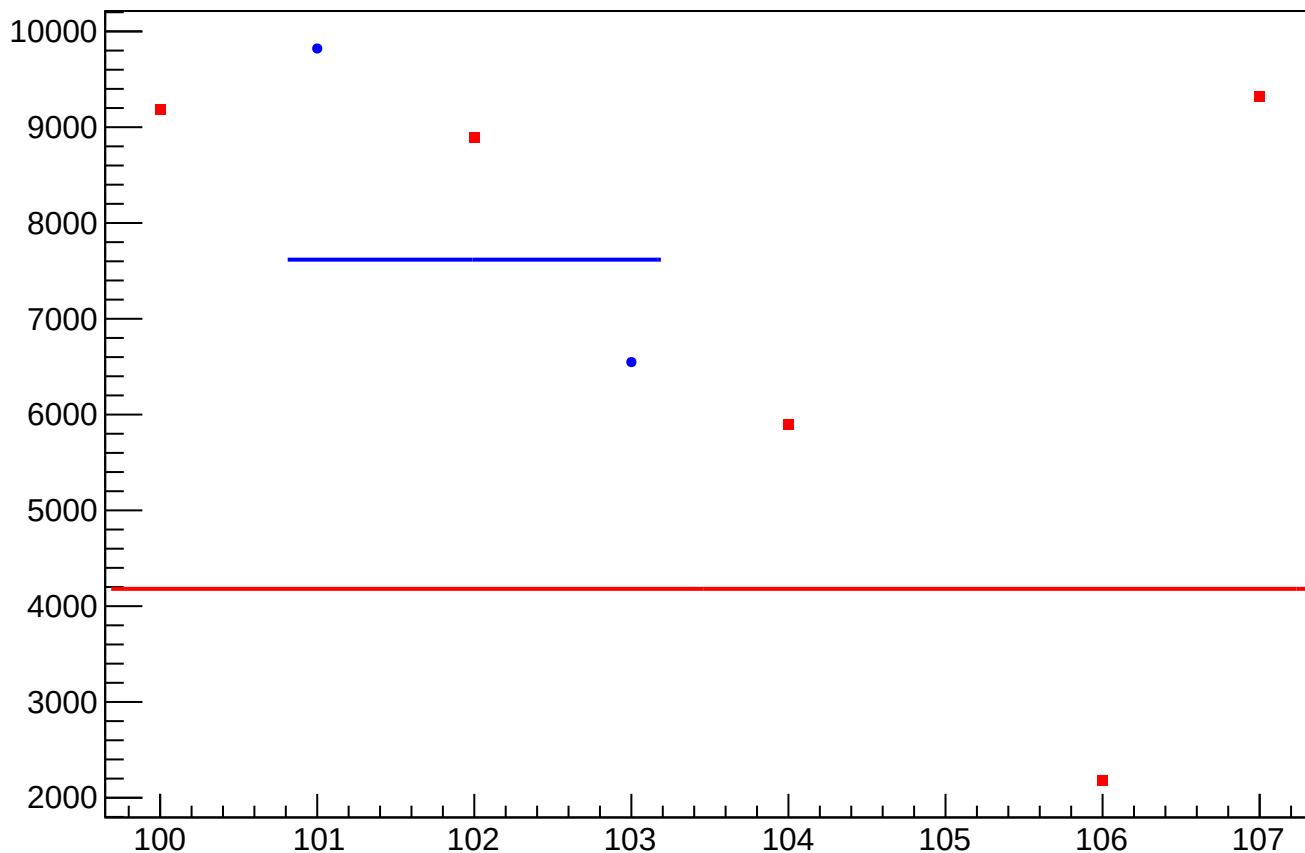
Right: 2075.148+/-3391.998 χ^2/NDF : 3.6/6

In: -3080.783+/-6932.210 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2075.148+/-3391.998 χ^2/NDF : 3.6/6

asym_us_avg_at2lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 7617.364+/-4.902 χ^2/NDF : 98094.9/1

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

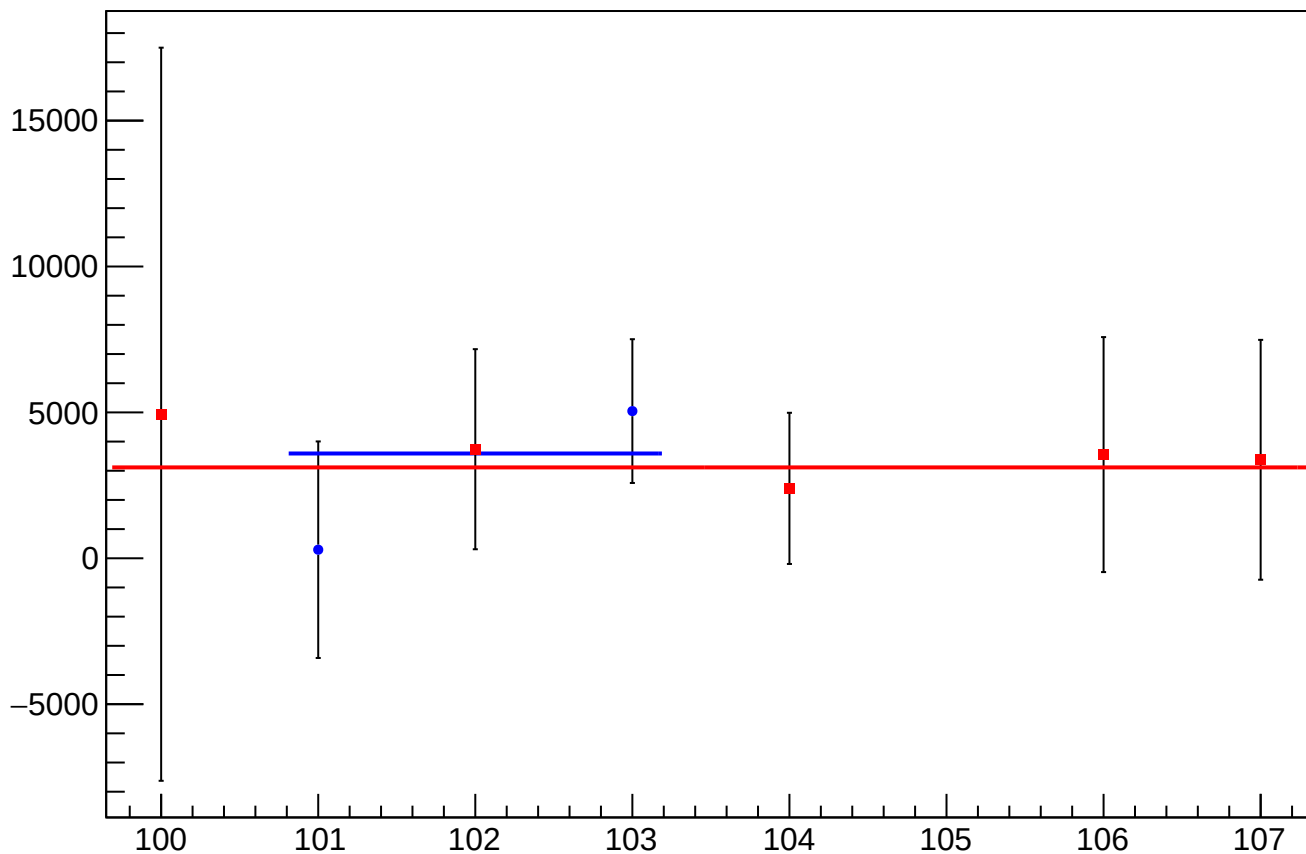
Right: 5003.720+/-2.399 χ^2/NDF : 1408321.8/6

In: 7617.364+/-4.902 χ^2/NDF : 98094.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5003.720+/-2.399 χ^2/NDF : 1408321.8/6

cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3591.398+/-2052.541 χ^2/NDF : 1.1/1

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

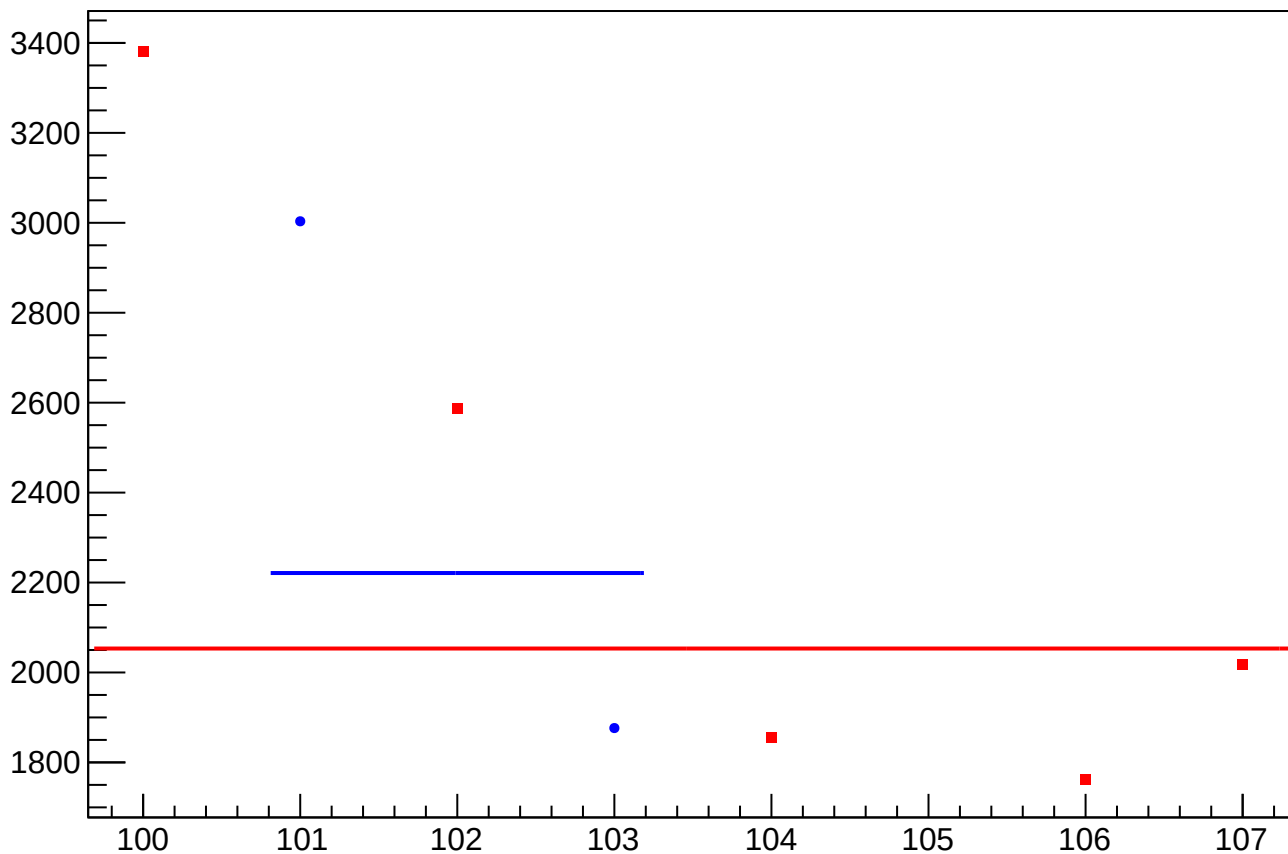
Right: 3303.778+/-1292.500 χ^2/NDF : 1.3/6

In: 3591.398+/-2052.541 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3303.778+/-1292.500 χ^2/NDF : 1.3/6

cor_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2221.162+/-1.451 χ^2/NDF : 128034.6/1

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

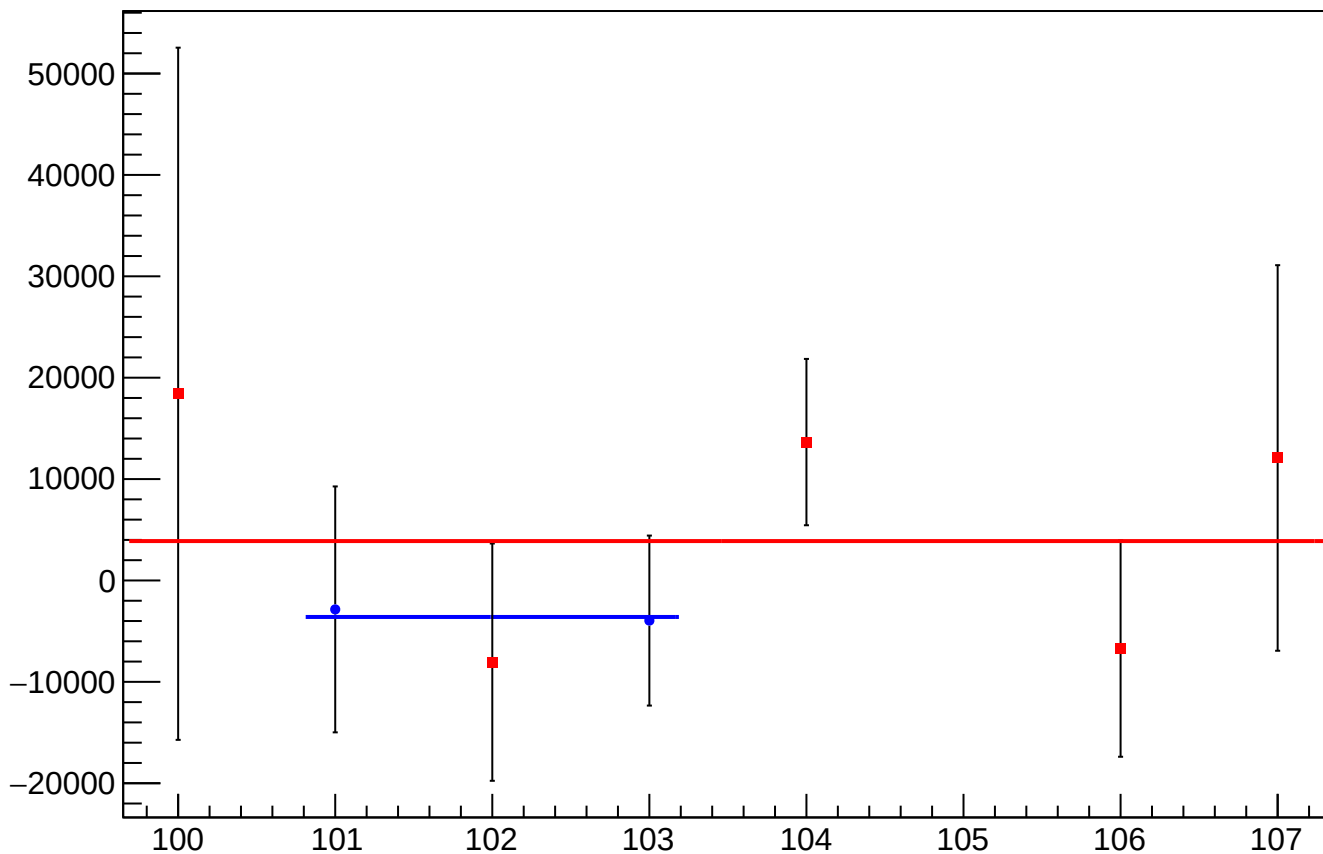
Right: 2118.178+/-0.902 χ^2/NDF : 231903.3/6

In: 2221.162+/-1.451 χ^2/NDF : 128034.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2118.178+/-0.902 χ^2/NDF : 231903.3/6

asym_us_avg_at2lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -3599.808+/-6896.565 χ^2/NDF : 0.0/1

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

Right Out: 3885.666+/-5378.990 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

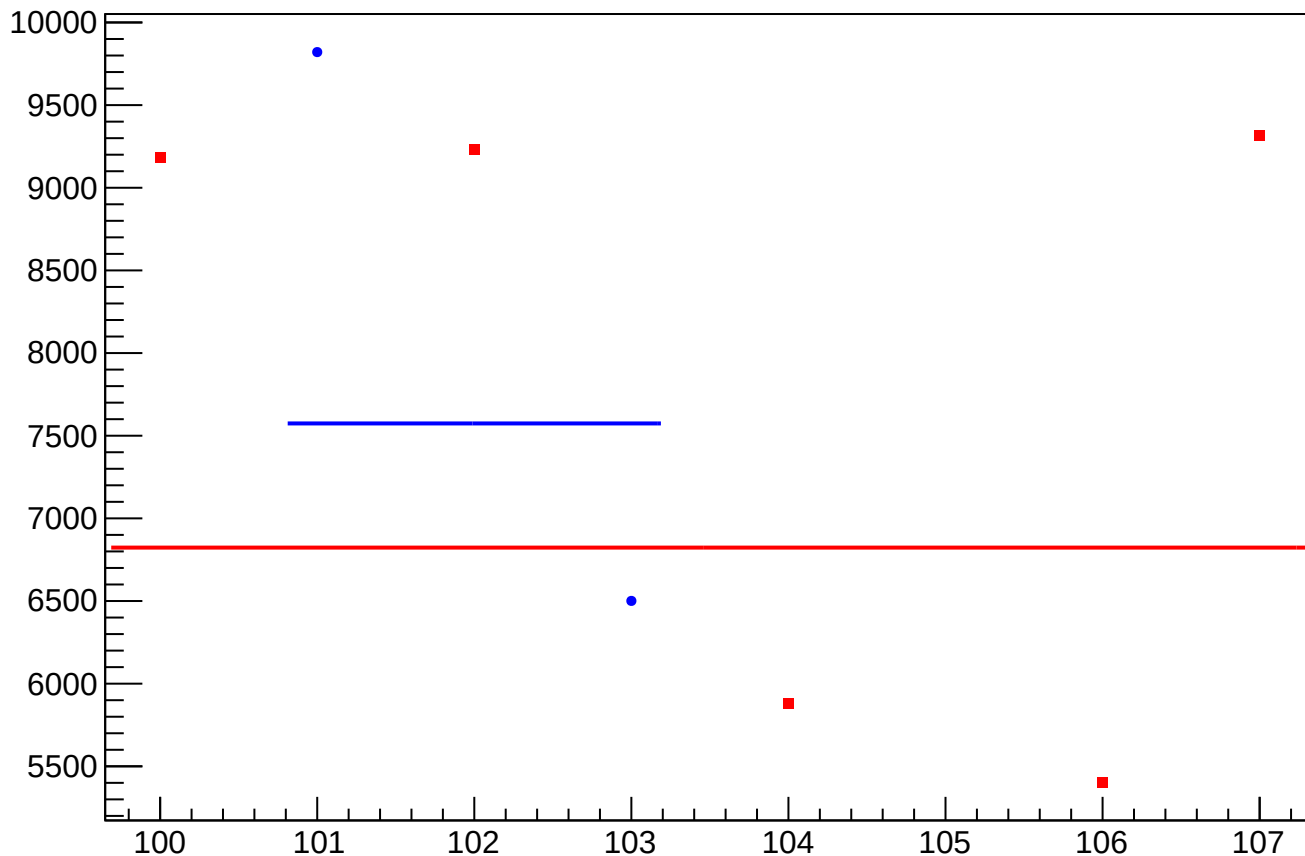
Right: 1054.396+/-4241.445 χ^2/NDF : 4.5/6

In: -3599.808+/-6896.565 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1054.396+/-4241.445 χ^2/NDF : 4.5/6

asym_us_avg_at2lr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 7574.268+/-4.877 χ^2/NDF : 101412.4/1

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

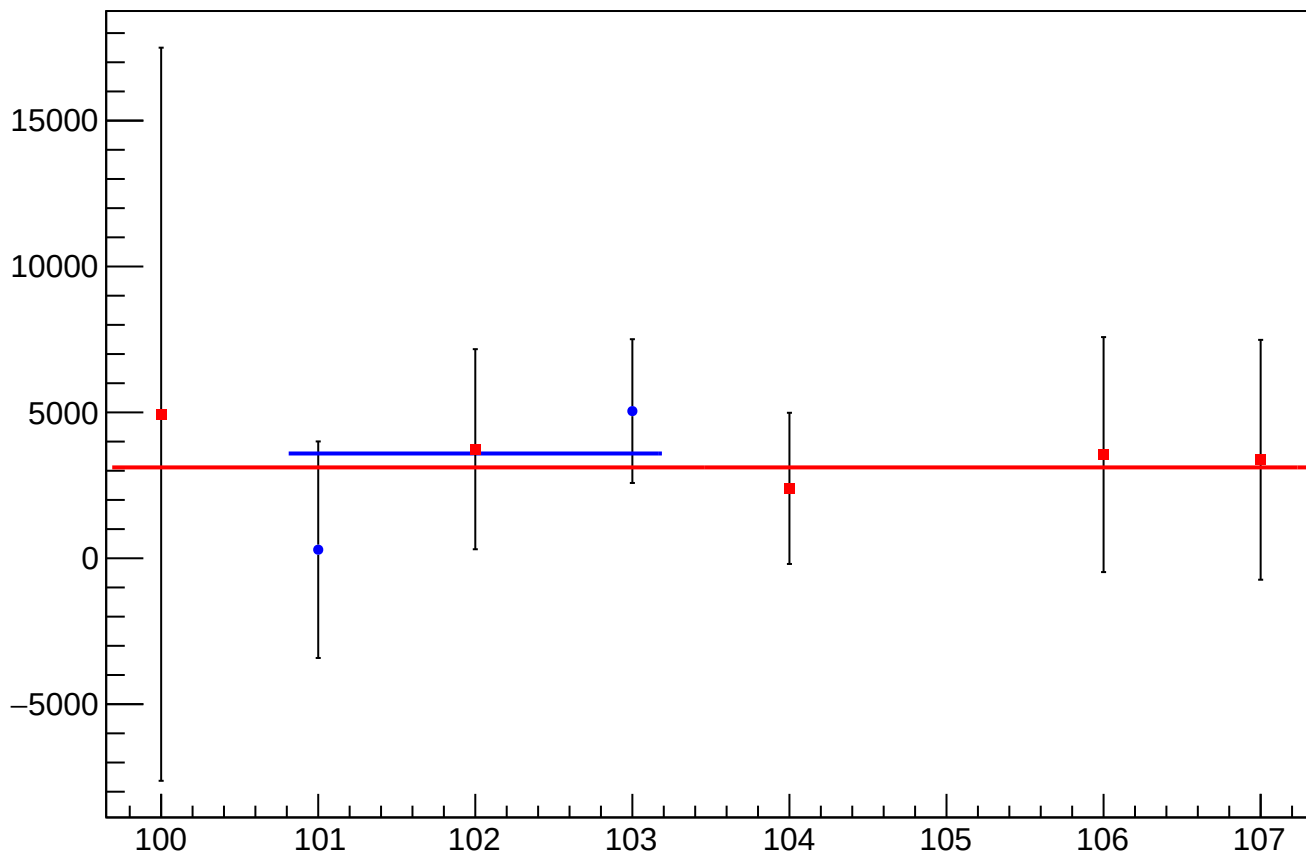
Right: 7107.257+/-2.999 χ^2/NDF : 306594.4/6

In: 7574.268+/-4.877 χ^2/NDF : 101412.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7107.257+/-2.999 χ^2/NDF : 306594.4/6

eigen_cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3591.398 $\pm$ 2052.541 χ^2 /NDF: 1.1/1

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

Right Out: 3114.787 $\pm$ 1663.808 χ^2 /NDF: 0.1/4

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

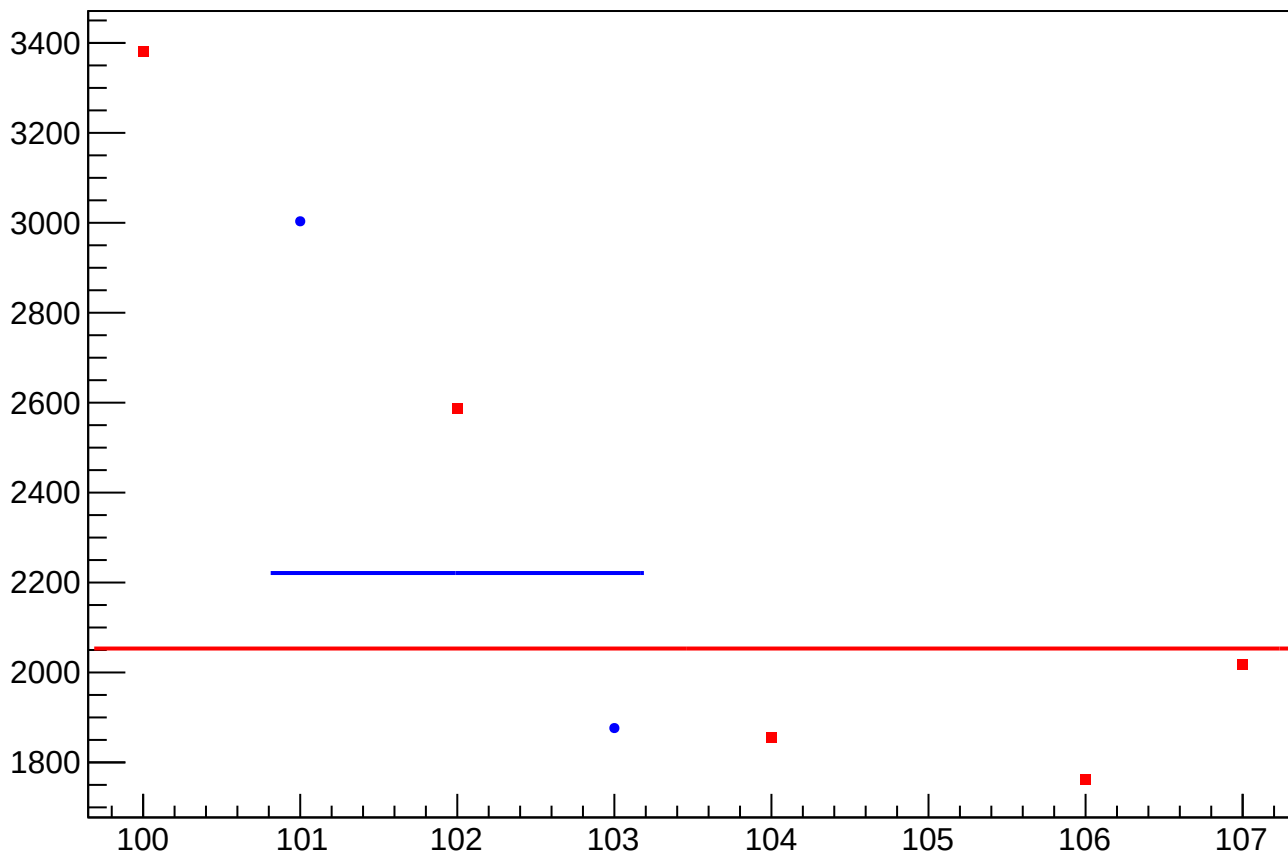
Right: 3303.778 $\pm$ 1292.500 χ^2 /NDF: 1.3/6

In: 3591.398 $\pm$ 2052.541 χ^2 /NDF: 1.1/1

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

All: 3303.778 $\pm$ 1292.500 χ^2 /NDF: 1.3/6

eigen_cor_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2221.162+/-1.451 χ^2 /NDF: 128034.6/1

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

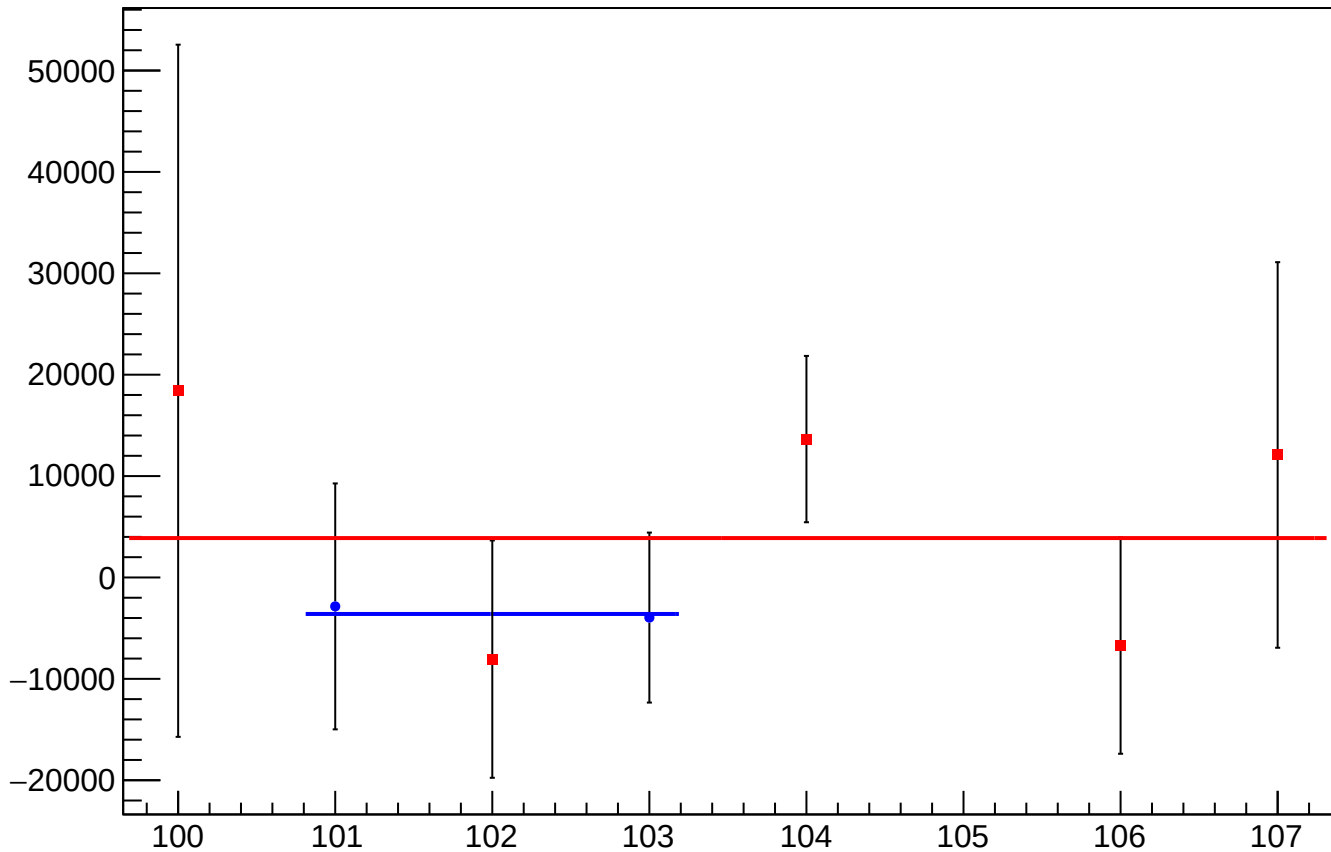
Right: 2118.178+/-0.902 χ^2 /NDF: 231903.3/6

In: 2221.162+/-1.451 χ^2 /NDF:128034.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2118.178+/-0.902 χ^2 /NDF: 231903.3/6

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -3599.808 $\pm$ 6896.565 χ^2 /NDF: 0.0/1

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

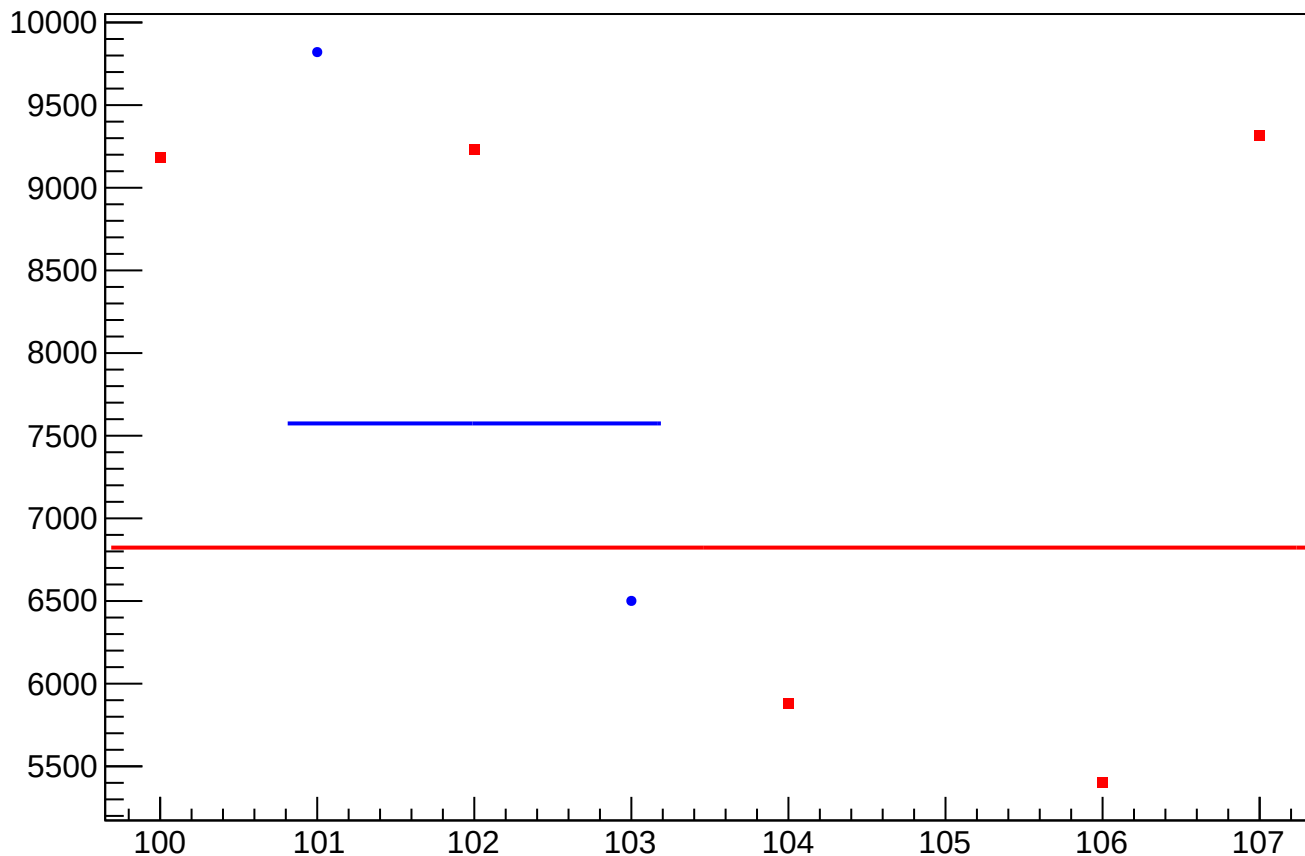
Right: 1054.396 $\pm$ 4241.445 χ^2 /NDF: 4.5/6

In: -3599.808 $\pm$ 6896.565 χ^2 /NDF: 0.0/1

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

All: 1054.396 $\pm$ 4241.445 χ^2 /NDF: 4.5/6

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 7574.268 ± 4.877 $\chi^2/\text{NDF}: 101412.4/1$

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

Right Out: 6823.163 ± 3.804 $\chi^2/\text{NDF}: 190432.0/4$

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

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

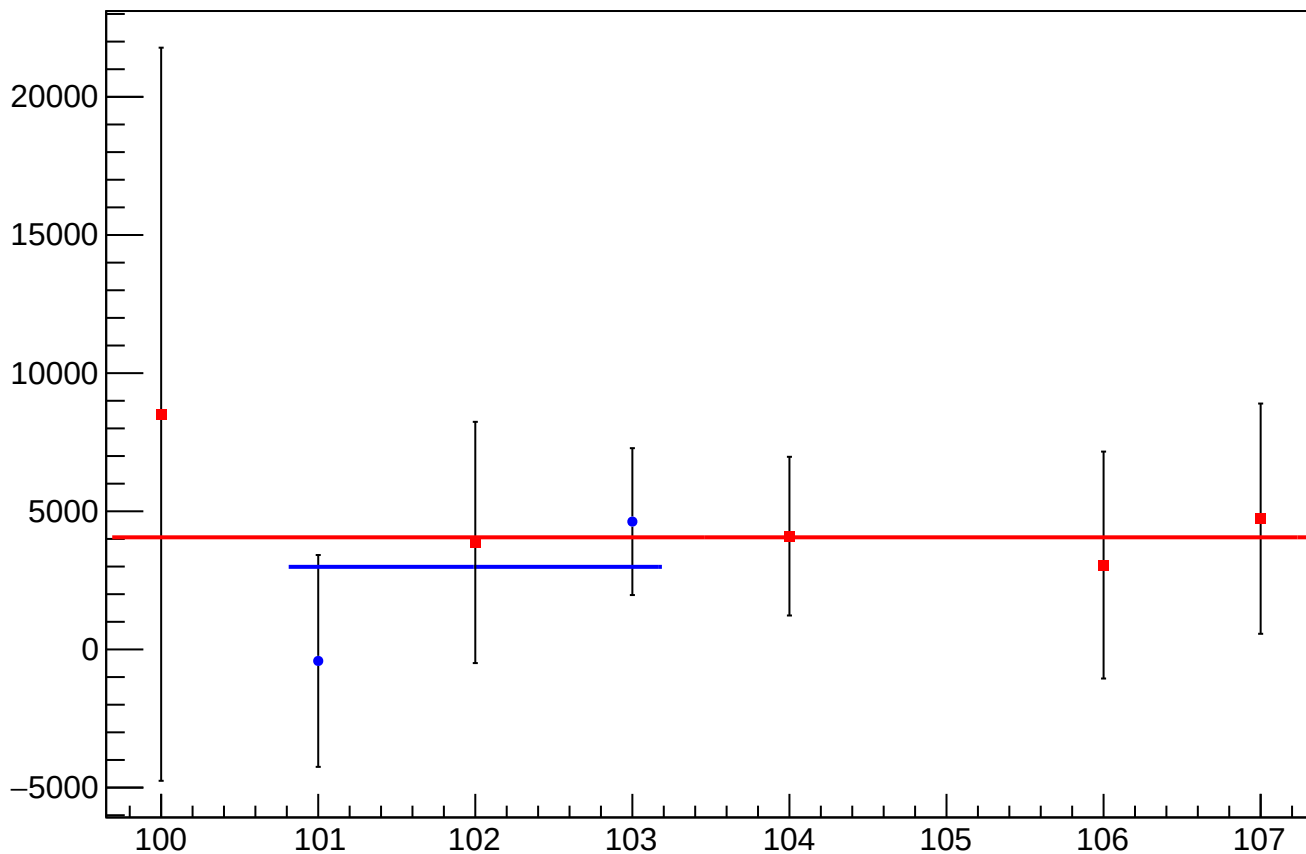
Right: 7107.257 ± 2.999 $\chi^2/\text{NDF}: 306594.4/6$

In: 7574.268 ± 4.877 $\chi^2/\text{NDF}: 101412.4/1$

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

All: 7107.257 ± 2.999 $\chi^2/\text{NDF}: 306594.4/6$

dit_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2989.598+/-2184.426 χ^2/NDF : 1.2/1

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

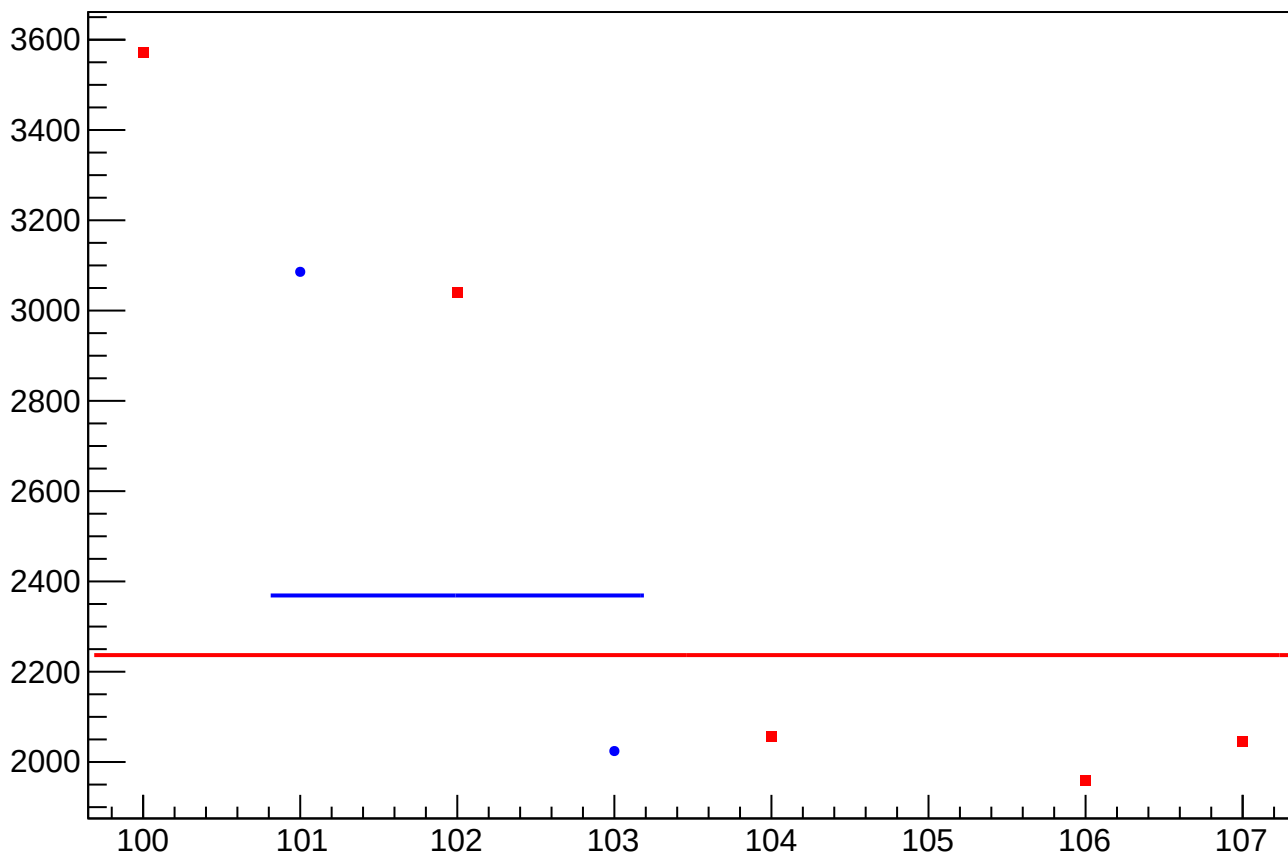
Right: 3615.461+/-1406.007 χ^2/NDF : 1.5/6

In: 2989.598+/-2184.426 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3615.461+/-1406.007 χ^2/NDF : 1.5/6

dit_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2368.895+/-1.545 χ^2/NDF : 103558.2/1

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

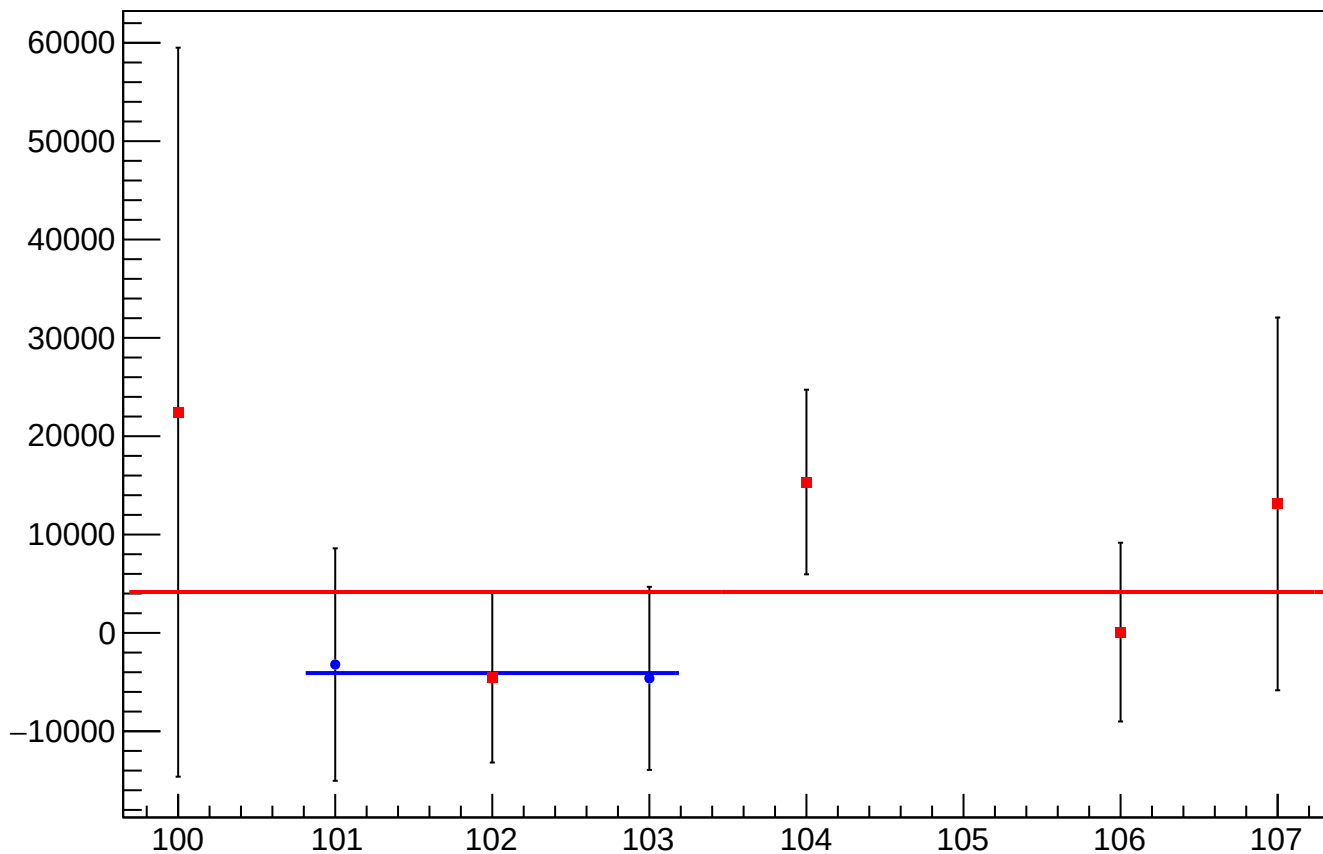
Right: 2291.339+/-0.992 χ^2/NDF : 217075.5/6

In: 2368.895+/-1.545 χ^2/NDF : 103558.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2291.339+/-0.992 χ^2/NDF : 217075.5/6

asym_us_avg_at2lr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -4084.907+/-7312.229 χ^2/NDF : 0.0/1

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

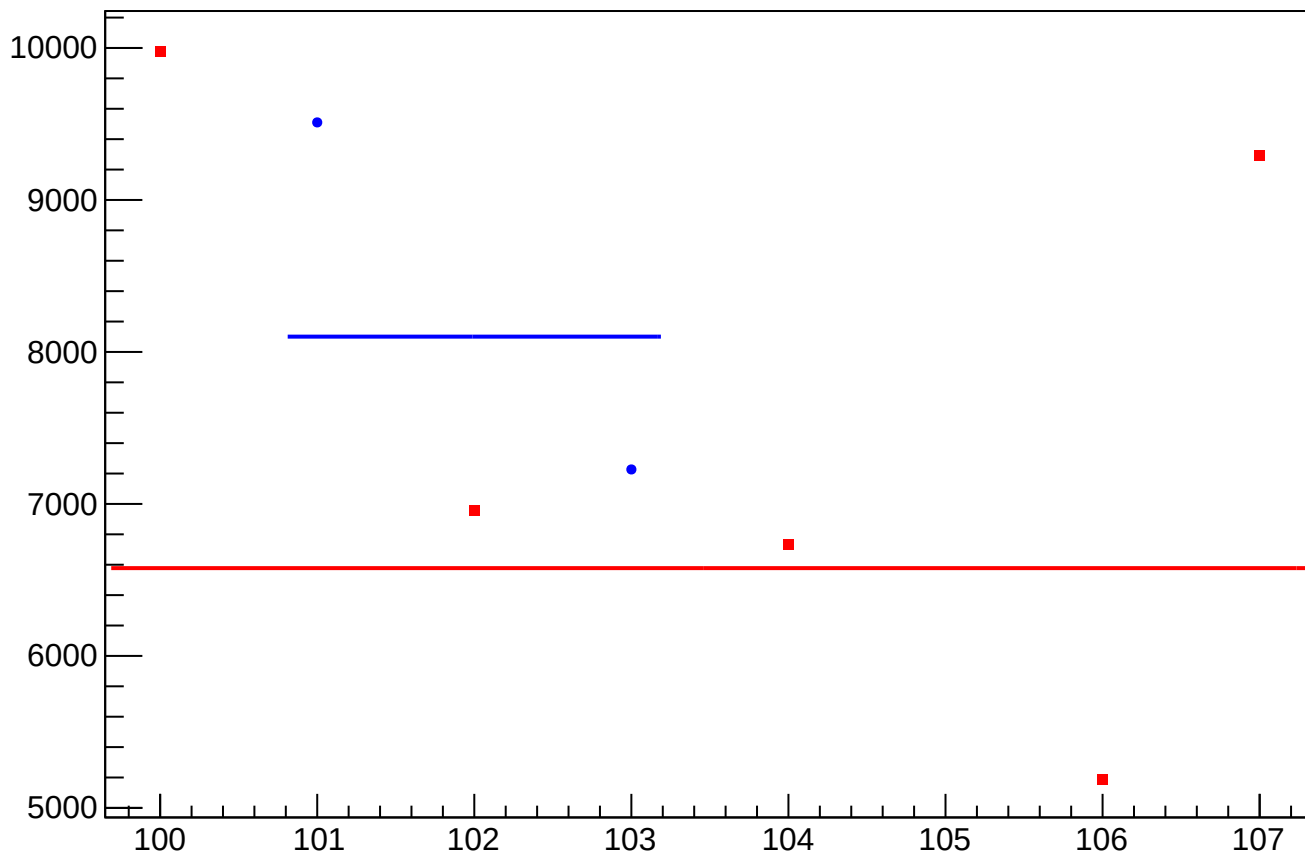
Right: 1545.091+/-4116.521 χ^2/NDF : 4.0/6

In: -4084.907+/-7312.229 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1545.091+/-4116.521 χ^2/NDF : 4.0/6

asym_us_avg_at2lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 8100.776+/-5.171 χ^2/NDF : 46073.5/1

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

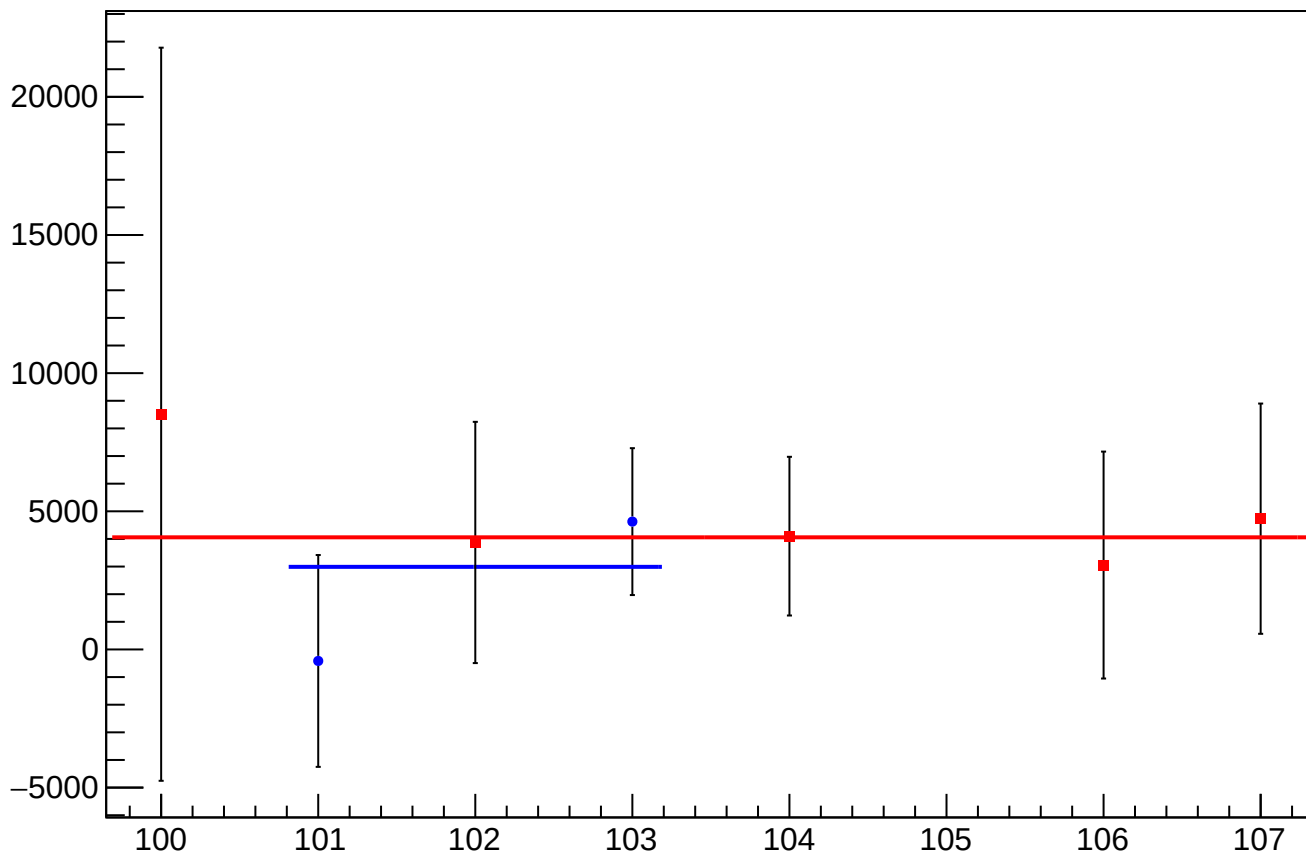
Right: 7060.362+/-2.911 χ^2/NDF : 214497.0/6

In: 8100.776+/-5.171 χ^2/NDF : 46073.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7060.362+/-2.911 χ^2/NDF : 214497.0/6

eigen_dit_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2989.585+/-2184.425 χ^2/NDF : 1.2/1

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

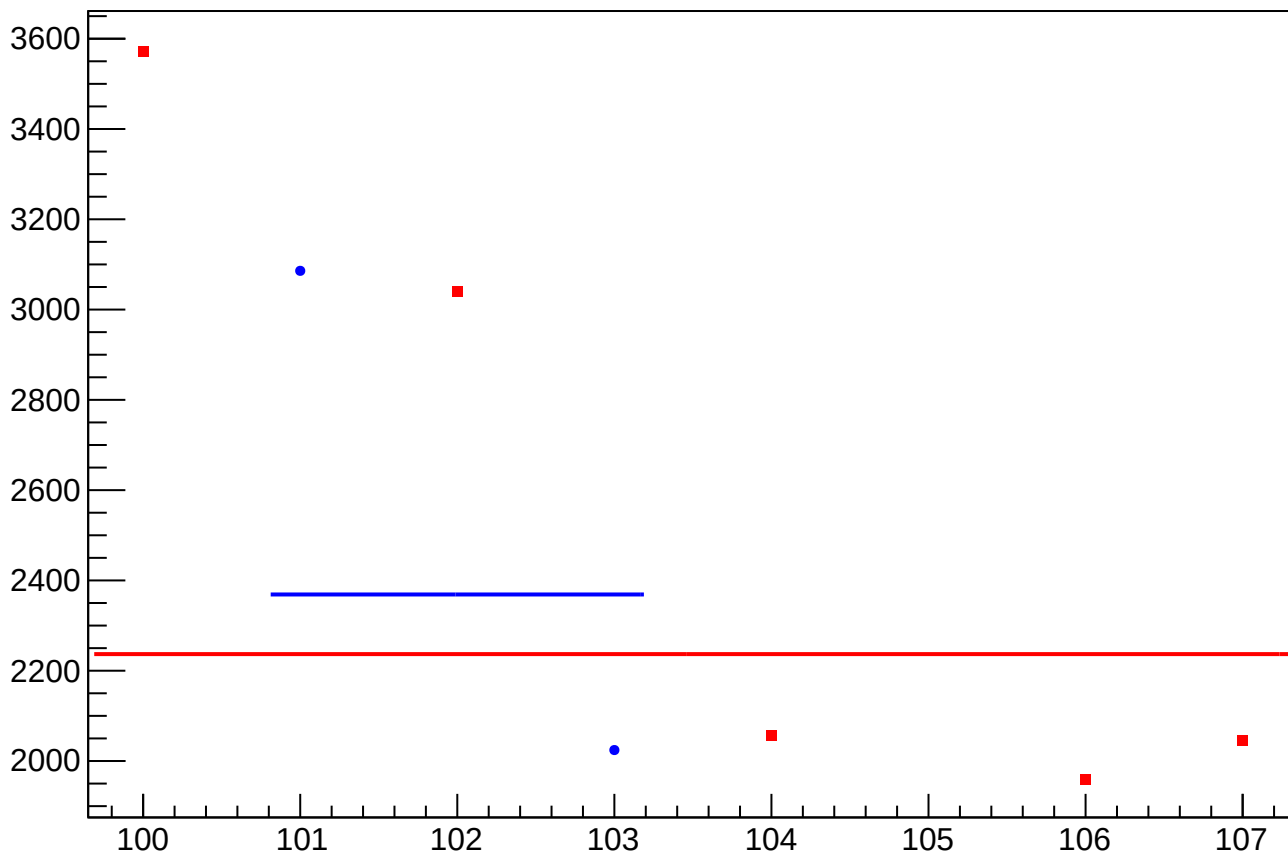
Right: 3615.450+/-1406.006 χ^2/NDF : 1.5/6

In: 2989.585+/-2184.425 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3615.450+/-1406.006 χ^2/NDF : 1.5/6

eigen_dit_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2368.894+/-1.545 χ^2/NDF : 103558.4/1

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

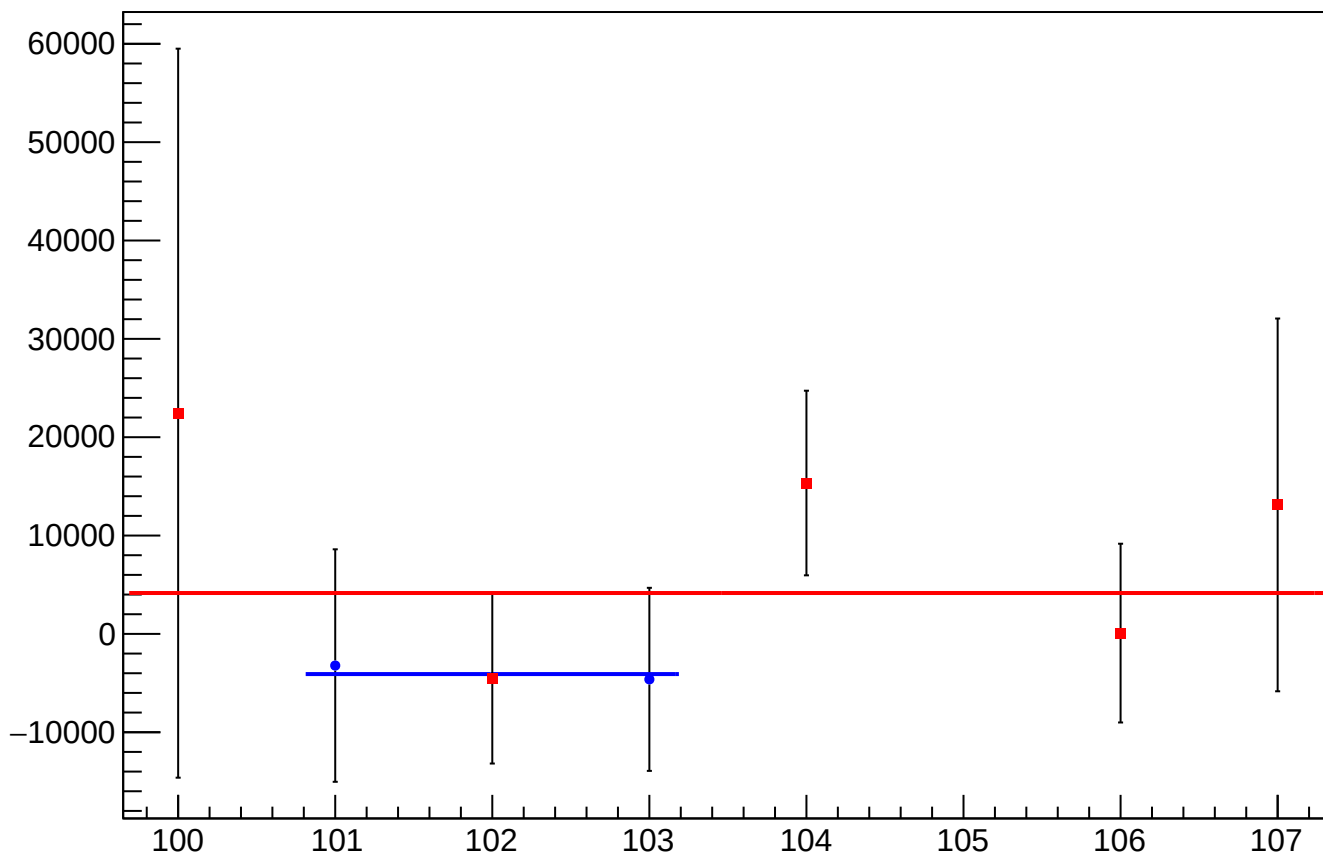
Right: 2291.338+/-0.992 χ^2/NDF : 217075.6/6

In: 2368.894+/-1.545 χ^2/NDF : 103558.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2291.338+/-0.992 χ^2/NDF : 217075.6/6

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -4084.918+/-7312.223 χ^2/NDF : 0.0/1

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

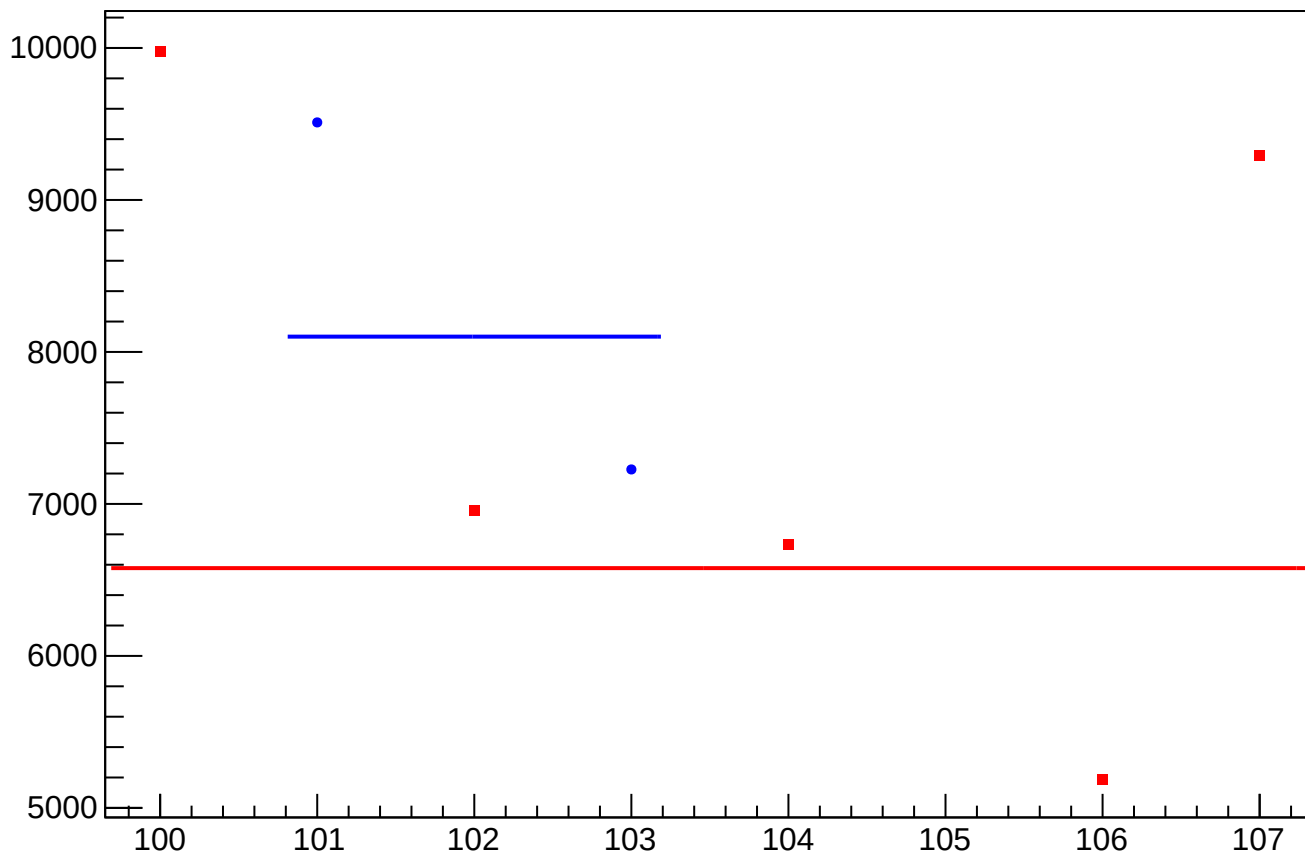
Right: 1545.093+/-4116.516 χ^2/NDF : 4.0/6

In: -4084.918+/-7312.223 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1545.093+/-4116.516 χ^2/NDF : 4.0/6

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 8100.769+/-5.171 χ^2/NDF : 46073.3/1

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

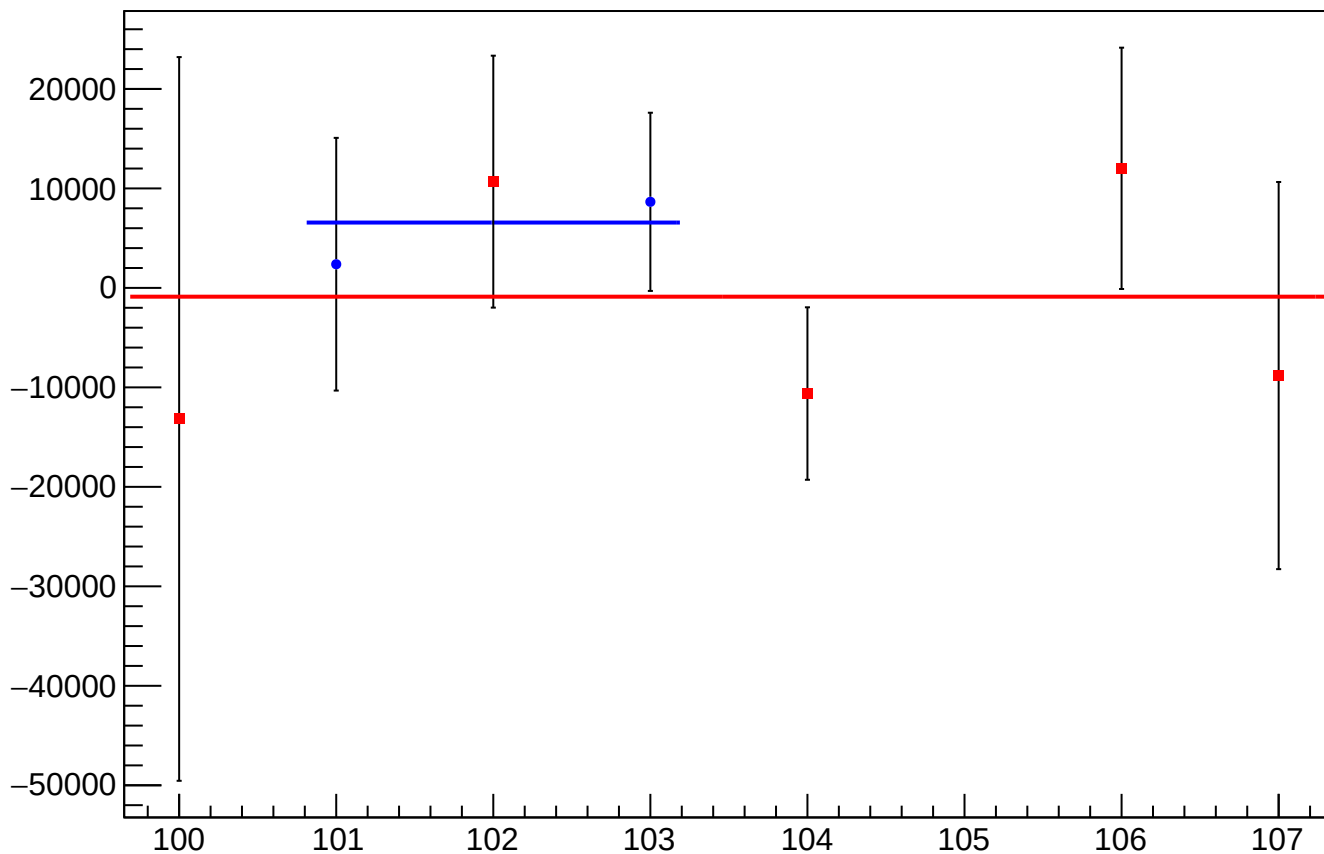
Right: 7060.354+/-2.911 χ^2/NDF : 214497.2/6

In: 8100.769+/-5.171 χ^2/NDF : 46073.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7060.354+/-2.911 χ^2/NDF : 214497.2/6

asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 6569.088+/-7319.739 χ^2/NDF : 0.2/1

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

Right Out: -882.818+/-5798.975 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

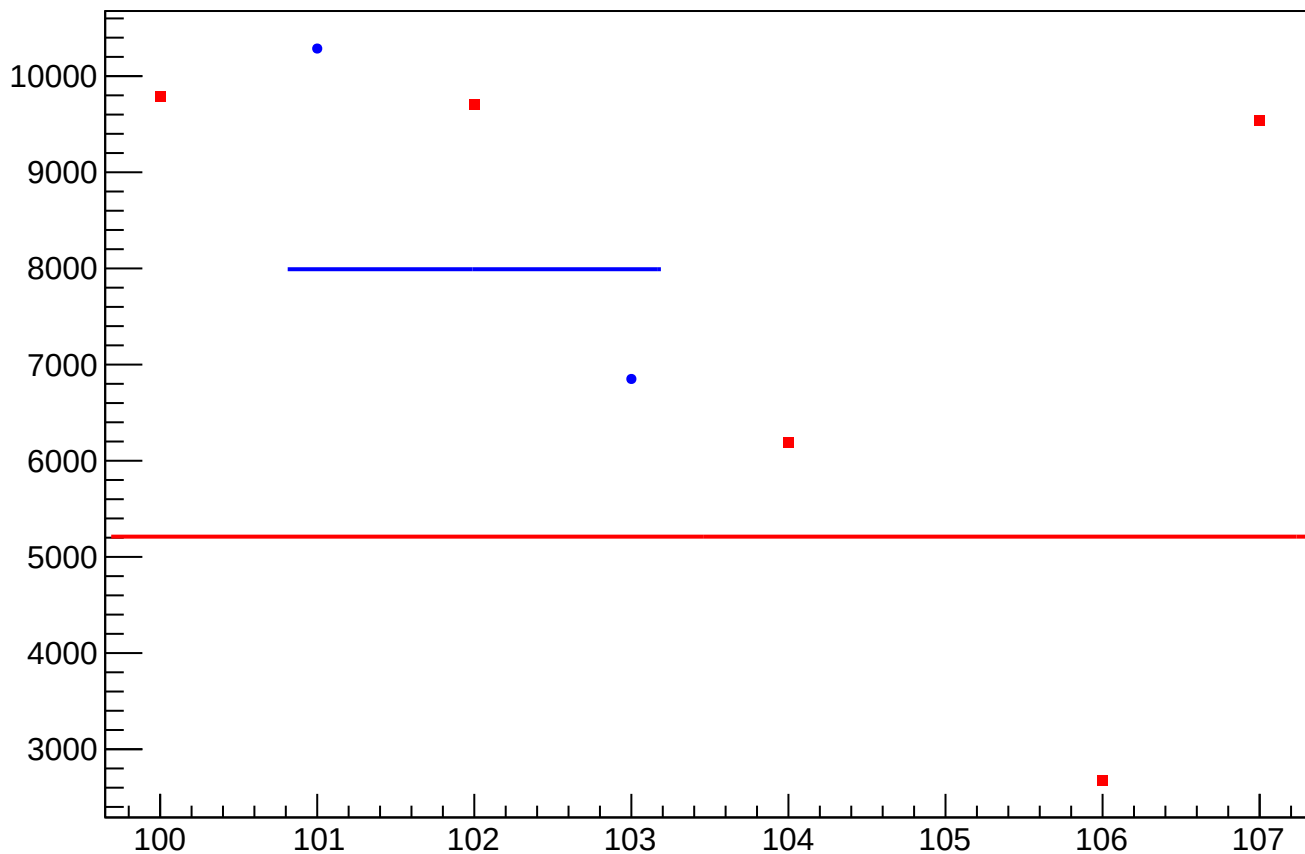
Right: 1990.740+/-4545.398 χ^2/NDF : 4.3/6

In: 6569.088+/-7319.739 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1990.740+/-4545.398 χ^2/NDF : 4.3/6

asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 7991.729 $\pm$ 5.176 χ^2 /NDF: 97769.7/1

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

Right Out: 5210.823 $\pm$ 3.333 χ^2 /NDF: 691807.2/4

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

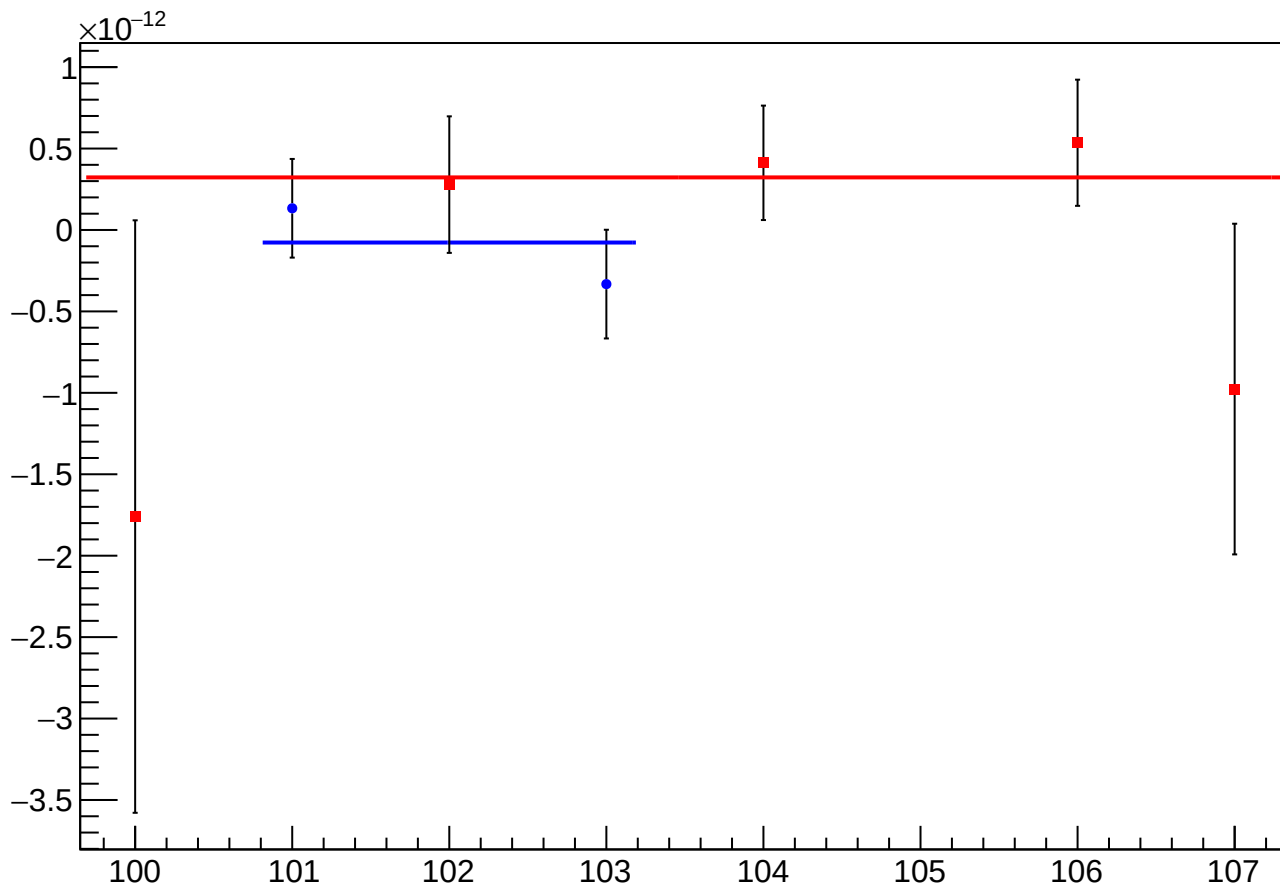
Right: 6026.000 $\pm$ 2.802 χ^2 /NDF: 993656.1/6

In: 7991.729 $\pm$ 5.176 χ^2 /NDF: 97769.7/1

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

All: 6026.000 $\pm$ 2.802 χ^2 /NDF: 993656.1/6

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.1/1

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

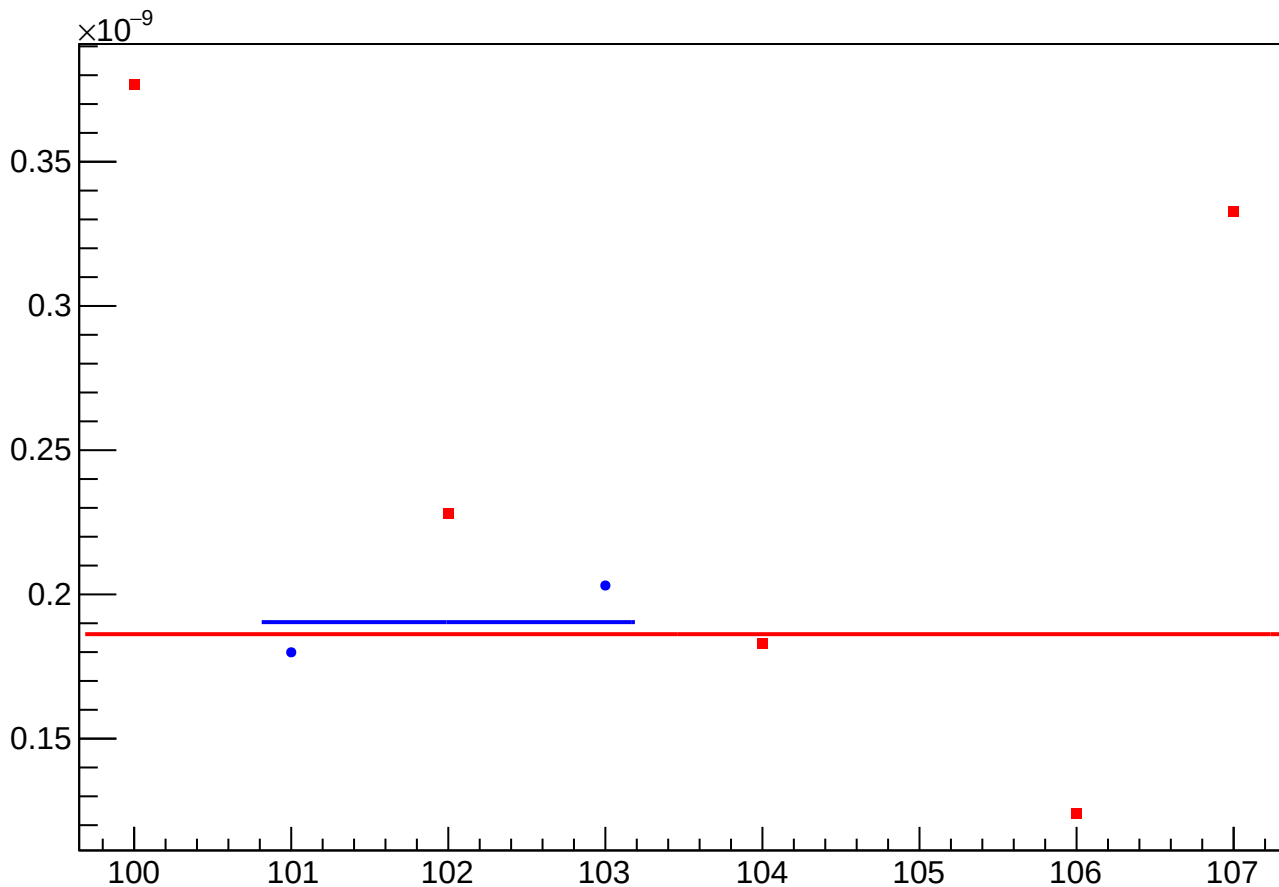
Right: 0.000+/-0.000 χ^2/NDF : 6.1/6

In: -0.000+/-0.000 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.1/6

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5280.9/1

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

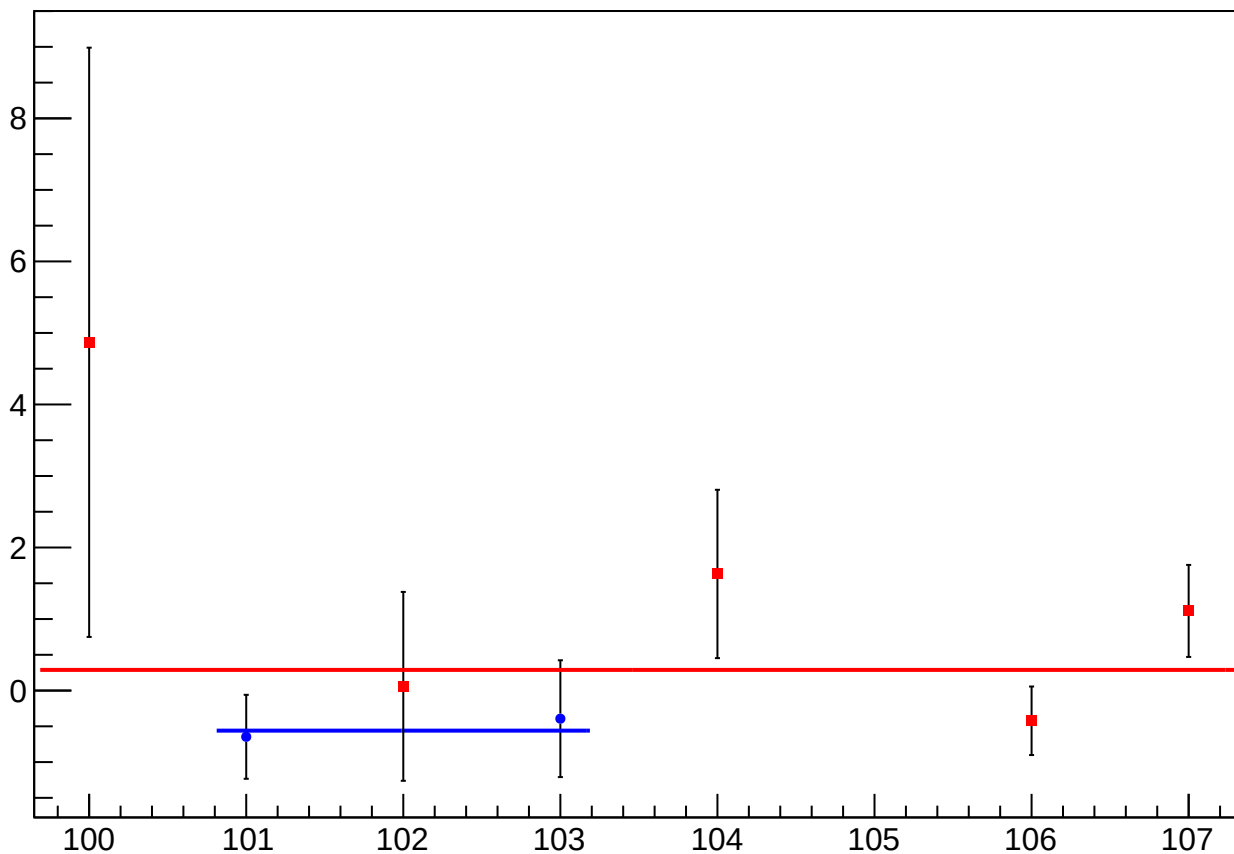
Right: 0.000+/-0.000 χ^2/NDF : 140631.1/6

In: 0.000+/-0.000 χ^2/NDF : 5280.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 140631.1/6

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.560 $\pm$ 0.477 χ^2 /NDF: 0.1/1

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

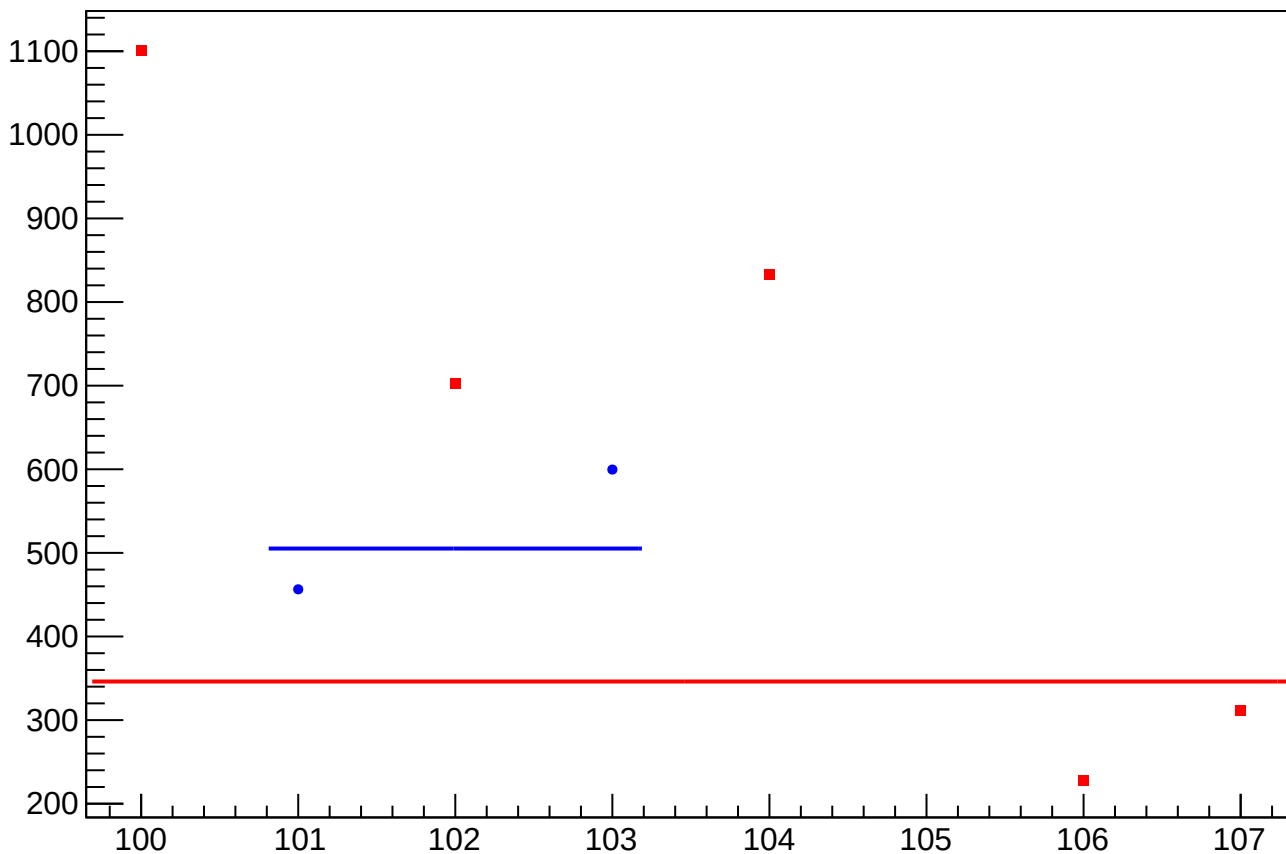
Right: -0.009 $\pm$ 0.282 χ^2 /NDF: 8.5/6

In: -0.560 $\pm$ 0.477 χ^2 /NDF: 0.1/1

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

All: -0.009 $\pm$ 0.282 χ^2 /NDF: 8.5/6

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 505.198+/-0.337 χ^2/NDF : 40572.9/1

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

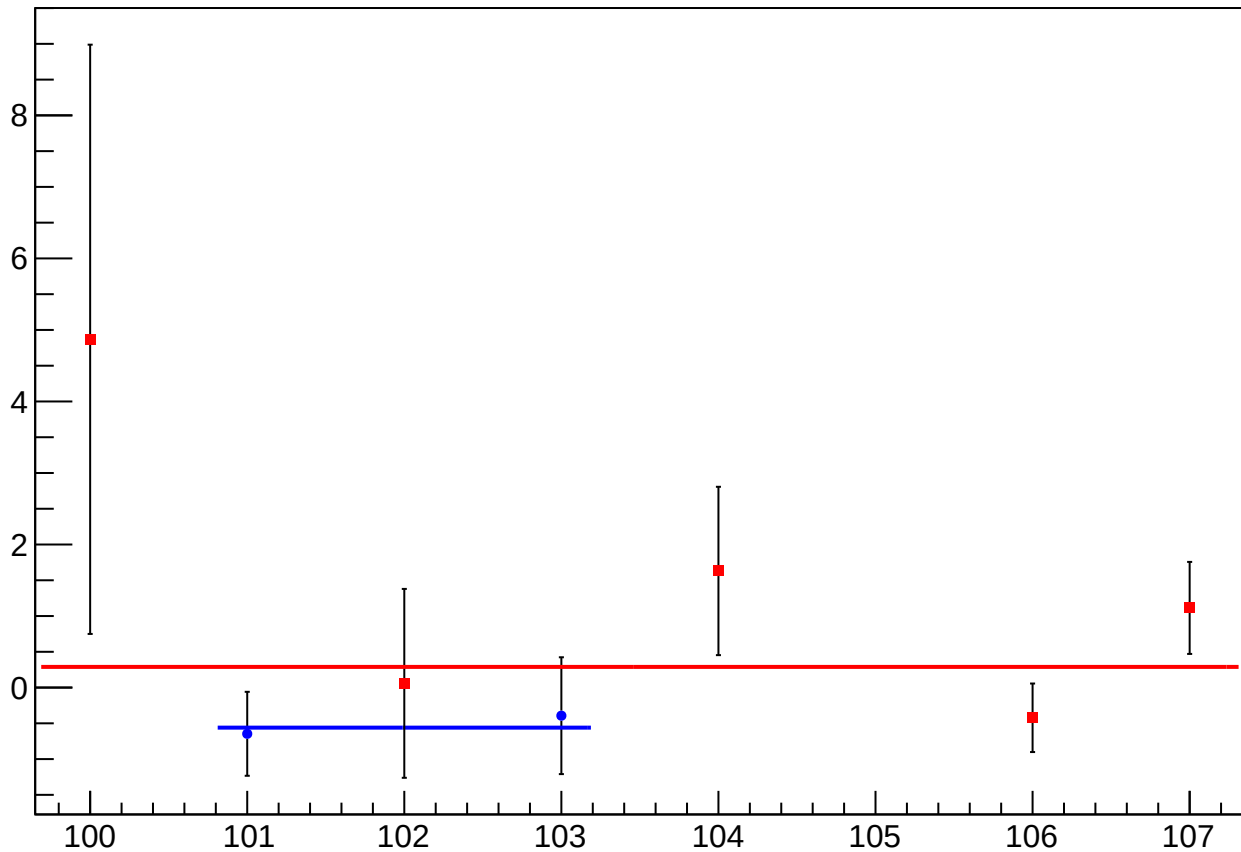
Right: 402.032+/-0.200 χ^2/NDF : 868493.2/6

In: 505.198+/-0.337 χ^2/NDF : 40572.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 402.032+/-0.200 χ^2/NDF : 868493.2/6

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.560 $\pm$ 0.477 χ^2 /NDF: 0.1/1

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

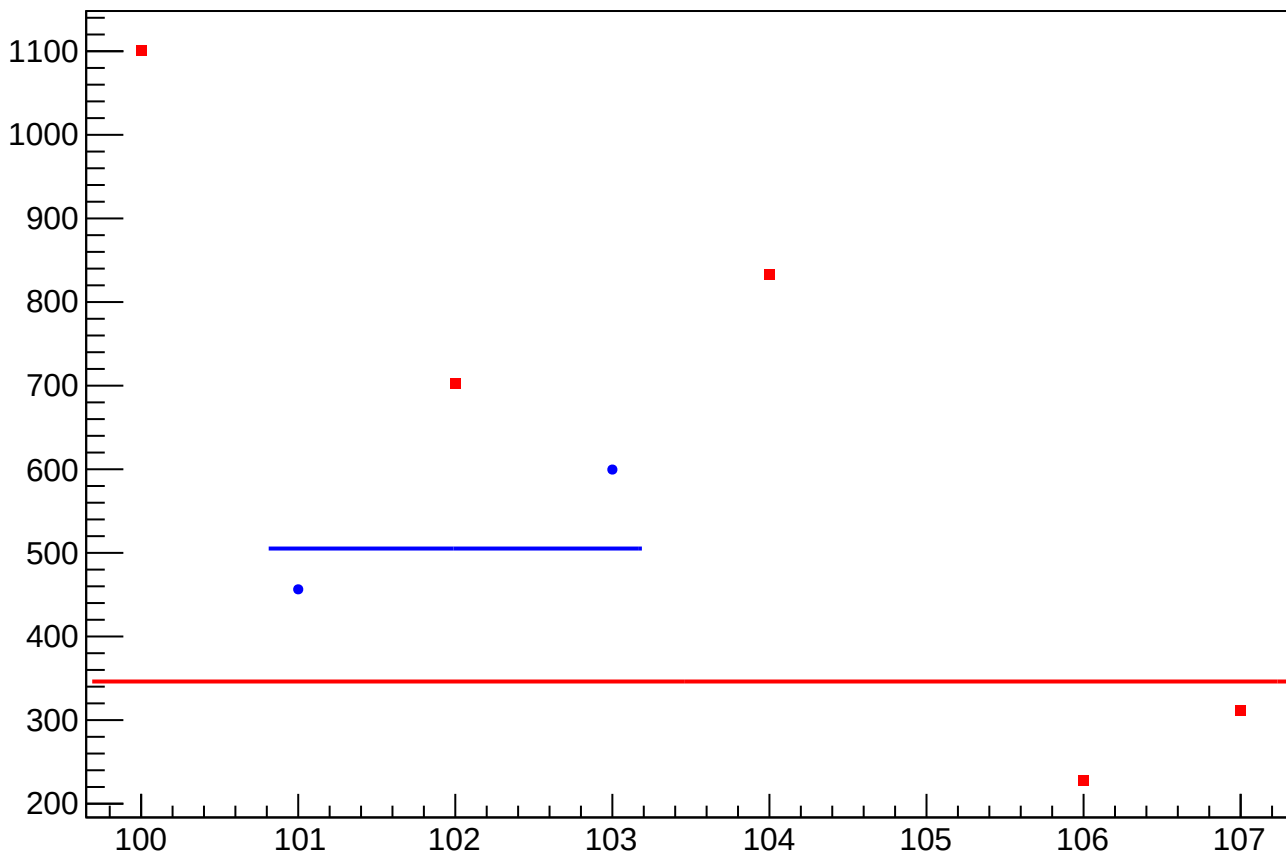
Right: -0.009 $\pm$ 0.282 χ^2 /NDF: 8.5/6

In: -0.560 $\pm$ 0.477 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.282 χ^2 /NDF: 8.5/6

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 505.198+/-0.337 χ^2/NDF : 40572.9/1

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

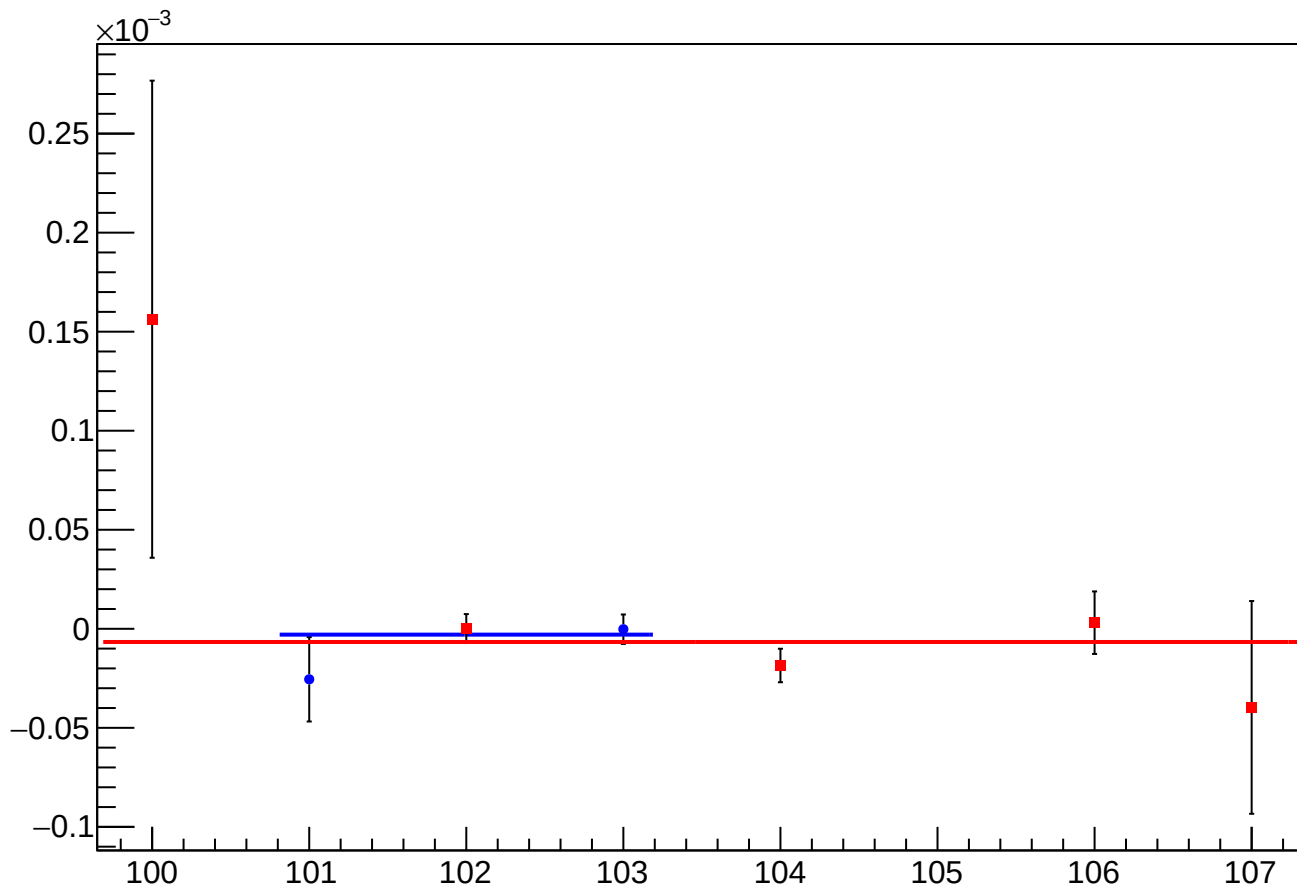
Right: 402.032+/-0.200 χ^2/NDF : 868493.2/6

In: 505.198+/-0.337 χ^2/NDF : 40572.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 402.032+/-0.200 χ^2/NDF : 868493.2/6

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 : 1.3/1

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

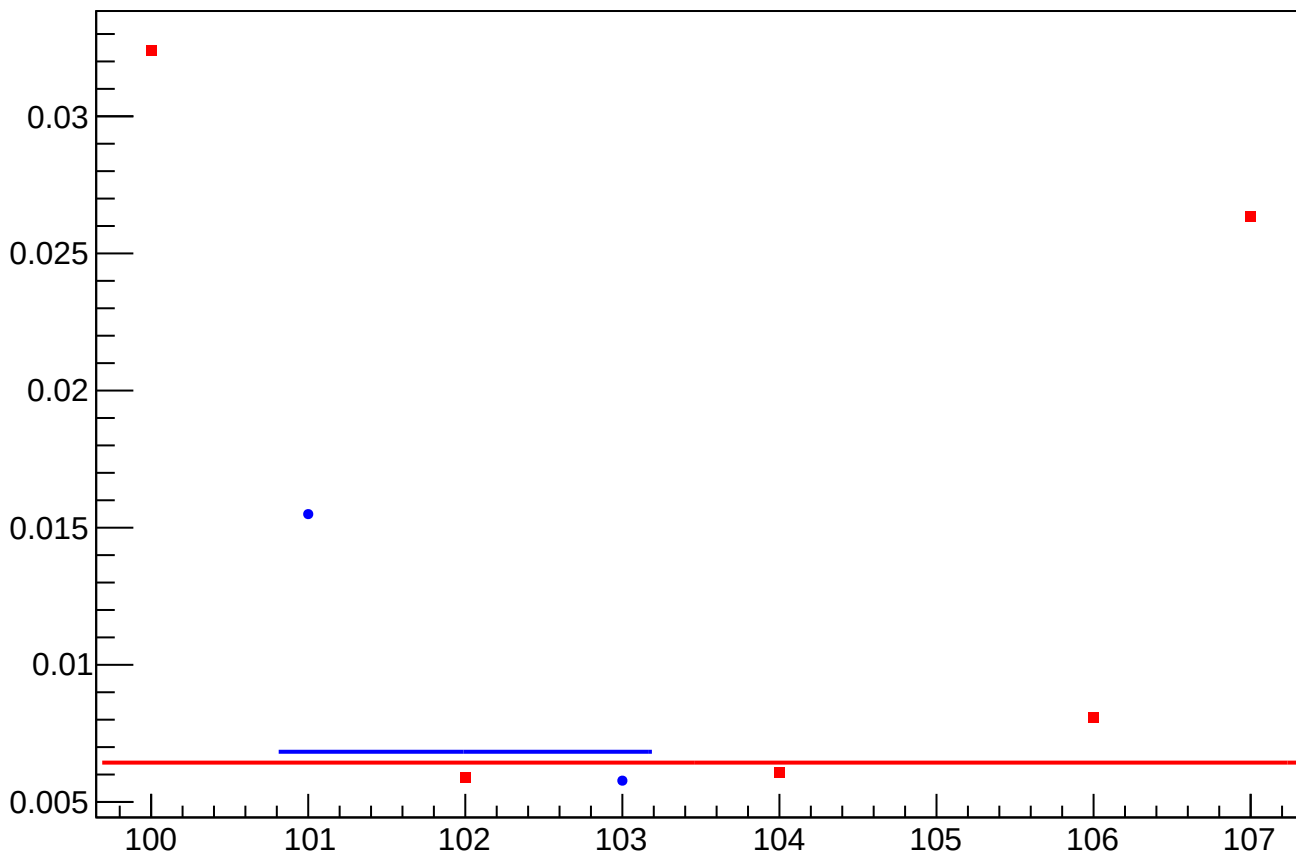
Right: -0.000+/-0.000 χ^2/NDF : 6.9/6

In: -0.000+/-0.000 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.9/6

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 : 371030.3/1

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

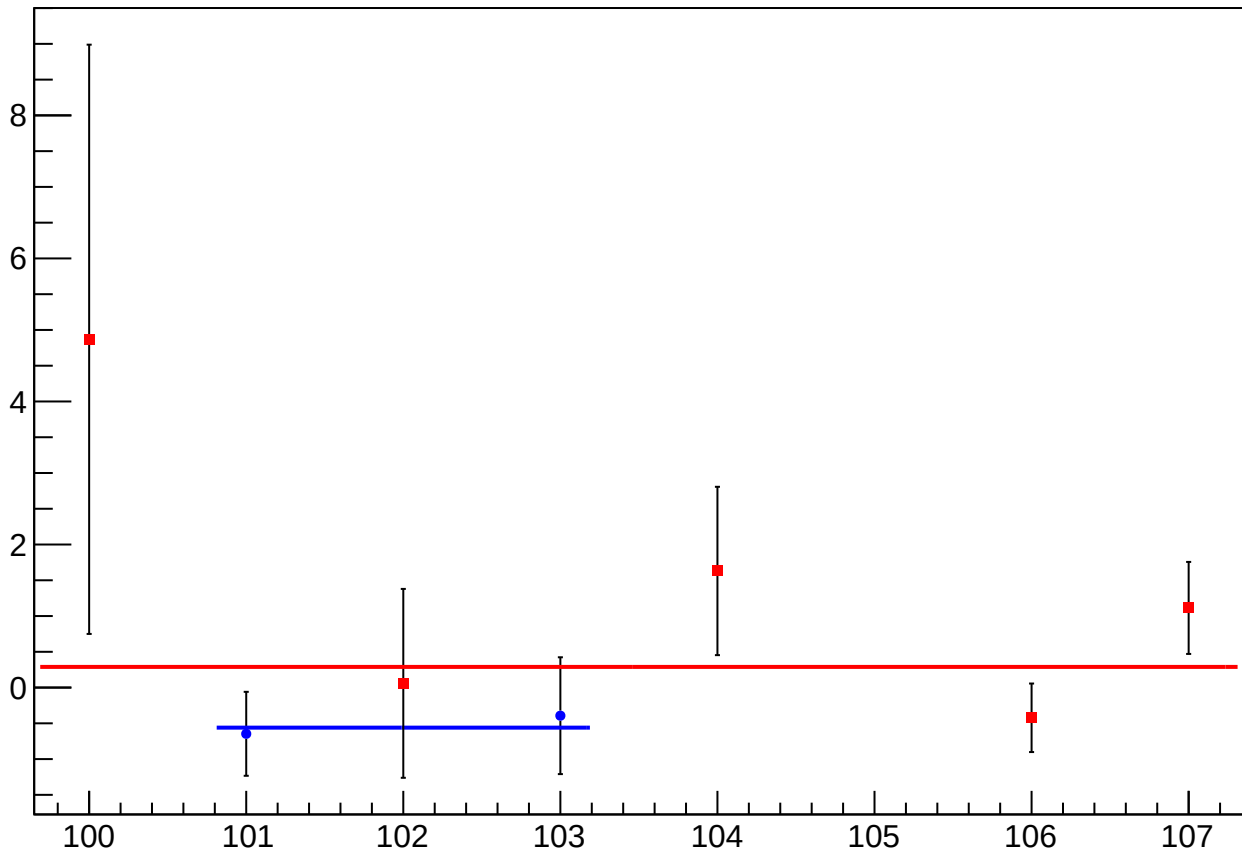
Right: 0.007+/-0.000 χ^2/NDF : 779109.9/6

In: 0.007+/-0.000 χ^2/NDF : 371030.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 779109.9/6

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.560 $\pm$ 0.477 χ^2 /NDF: 0.1/1

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

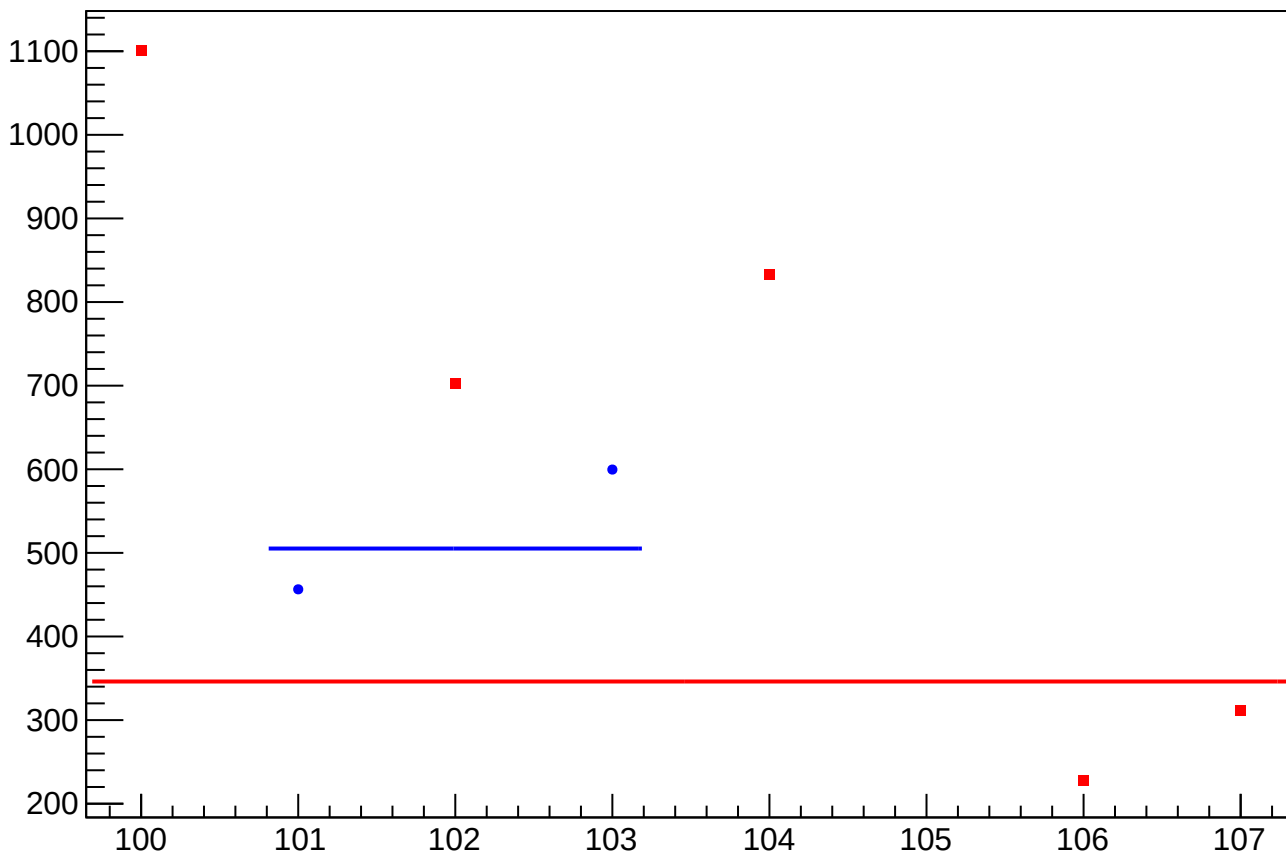
Right: -0.009 $\pm$ 0.282 χ^2 /NDF: 8.5/6

In: -0.560 $\pm$ 0.477 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.282 χ^2 /NDF: 8.5/6

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 505.193+/-0.337 χ^2/NDF : 40574.0/1

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

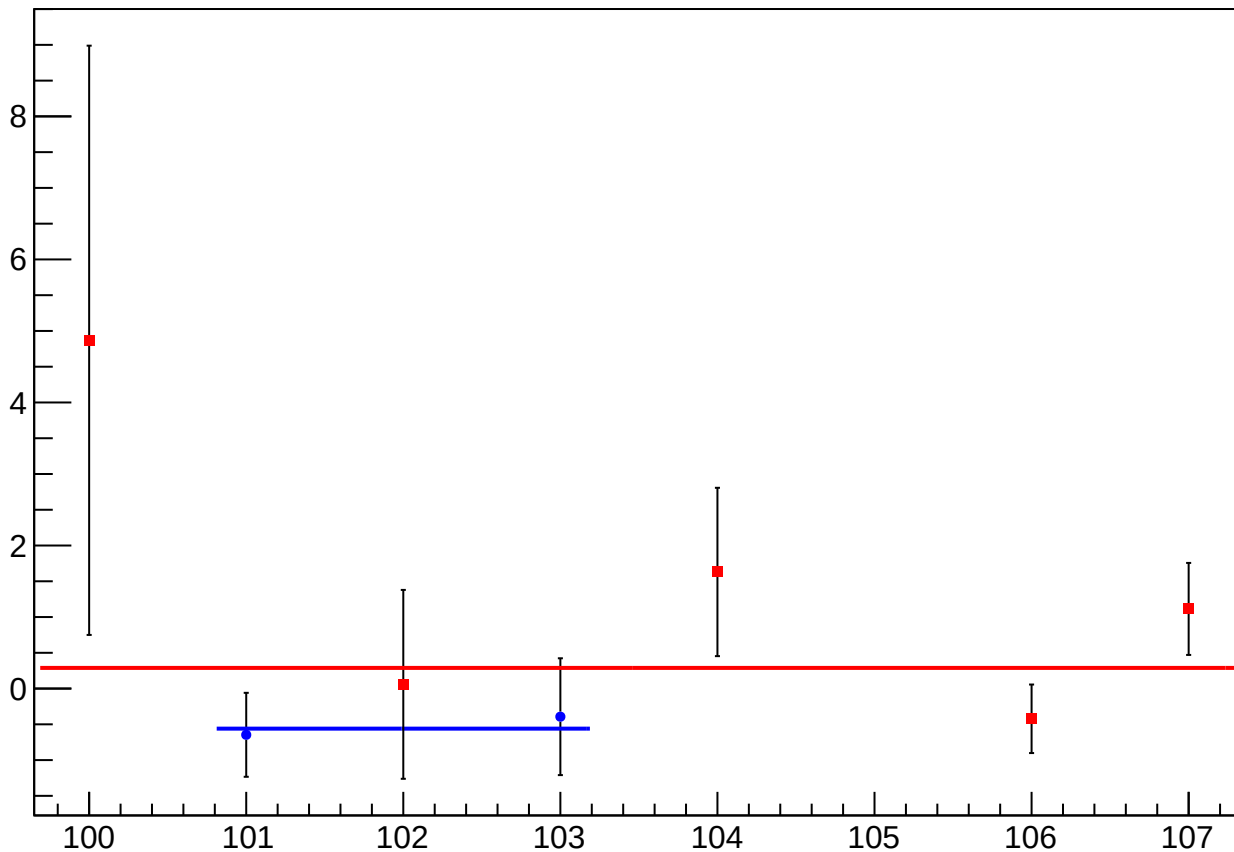
Right: 402.031+/-0.200 χ^2/NDF : 868483.3/6

In: 505.193+/-0.337 χ^2/NDF : 40574.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 402.031+/-0.200 χ^2/NDF : 868483.3/6

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.560 $\pm$ 0.477 χ^2 /NDF: 0.1/1

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

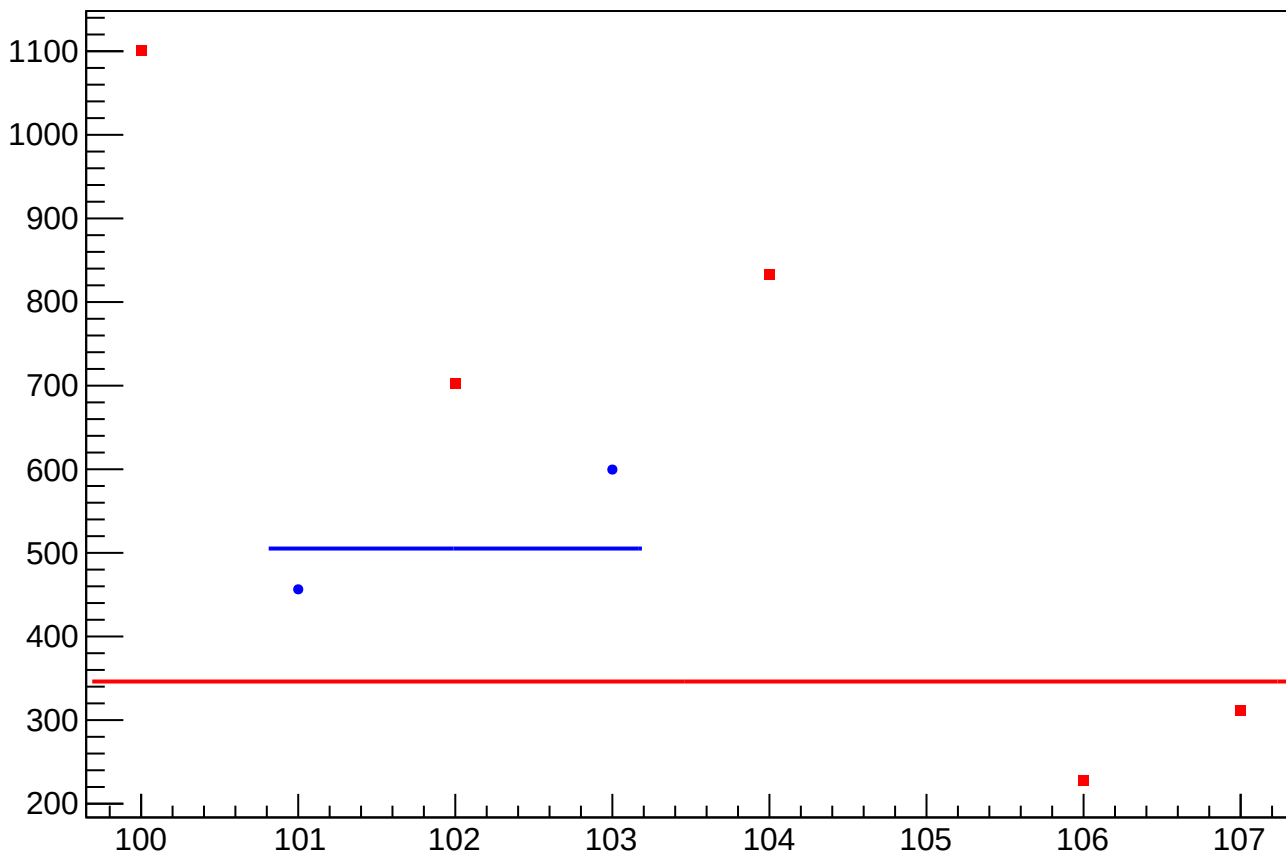
Right: -0.009 $\pm$ 0.282 χ^2 /NDF: 8.5/6

In: -0.560 $\pm$ 0.477 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.282 χ^2 /NDF: 8.5/6

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 505.193+/-0.337 χ^2/NDF : 40574.0/1

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

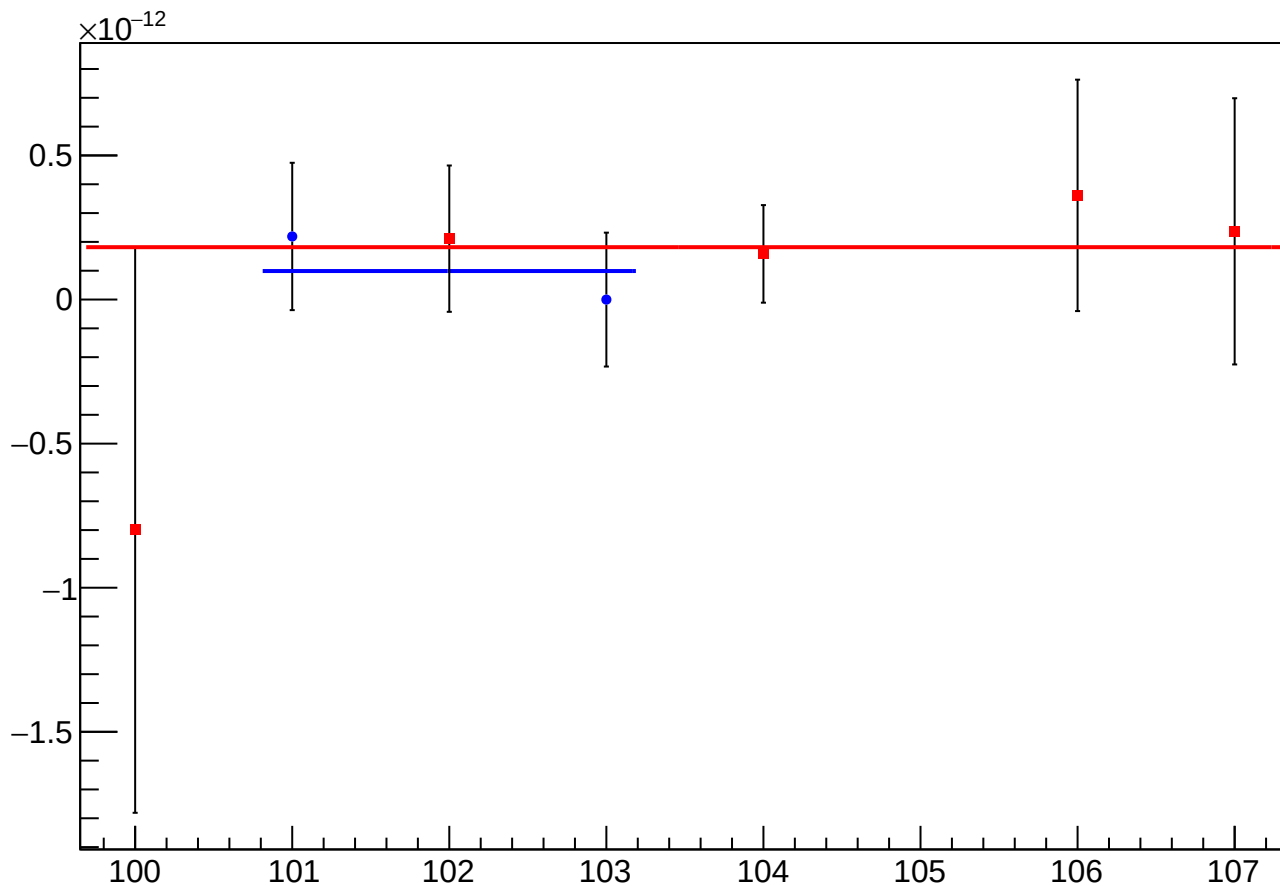
Right: 402.031+/-0.200 χ^2/NDF : 868483.3/6

In: 505.193+/-0.337 χ^2/NDF : 40574.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 402.031+/-0.200 χ^2/NDF : 868483.3/6

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 : 0.4/1

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

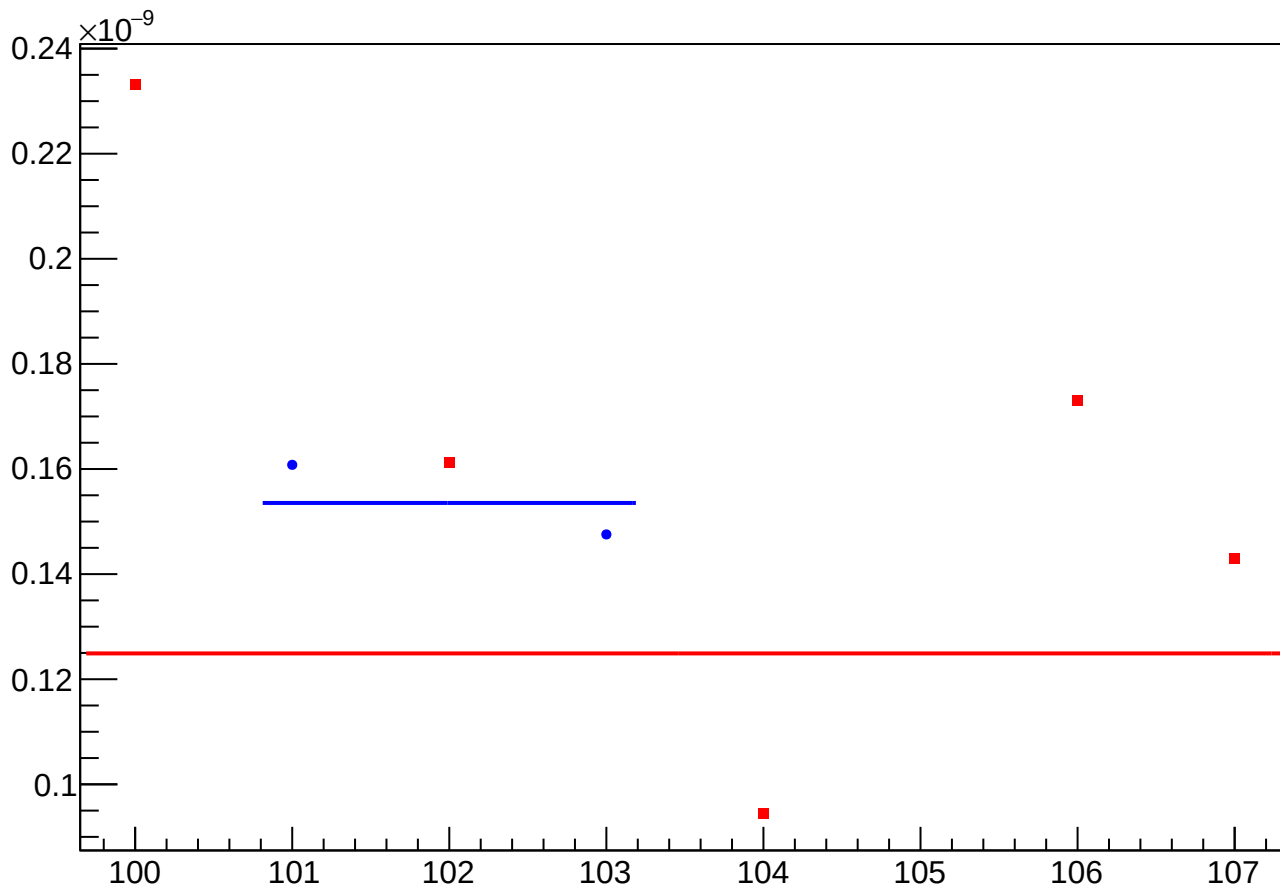
Right: 0.000+/-0.000 χ^2/NDF : 1.8/6

In: 0.000+/-0.000 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1.8/6

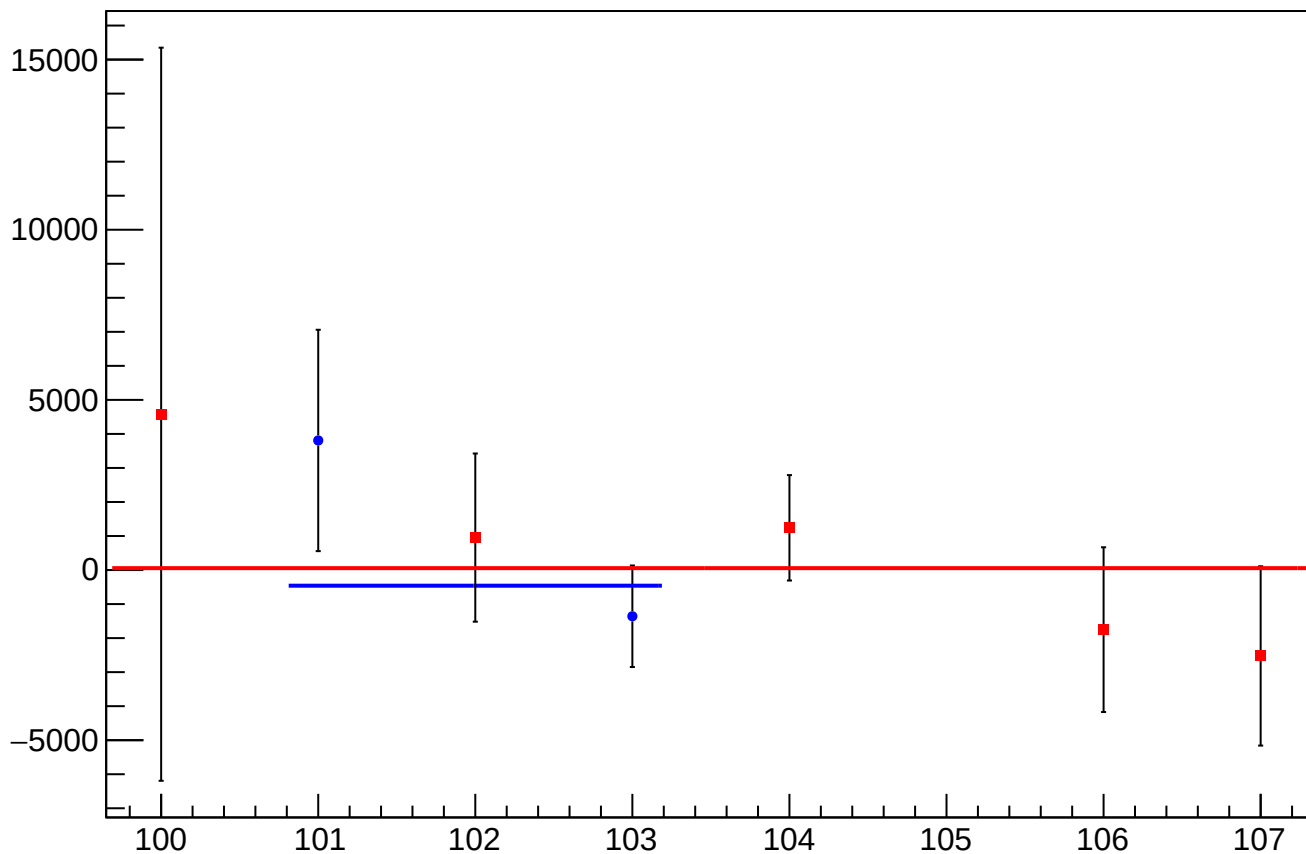
asym_us_avg_at2lr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2938.9/1
 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 : 200602.6/6
 In: 0.000+/-0.000 χ^2/NDF : 2938.9/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 200602.6/6

reg_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -459.787 $\pm$ 1356.049 χ^2 /NDF: 2.1/1

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

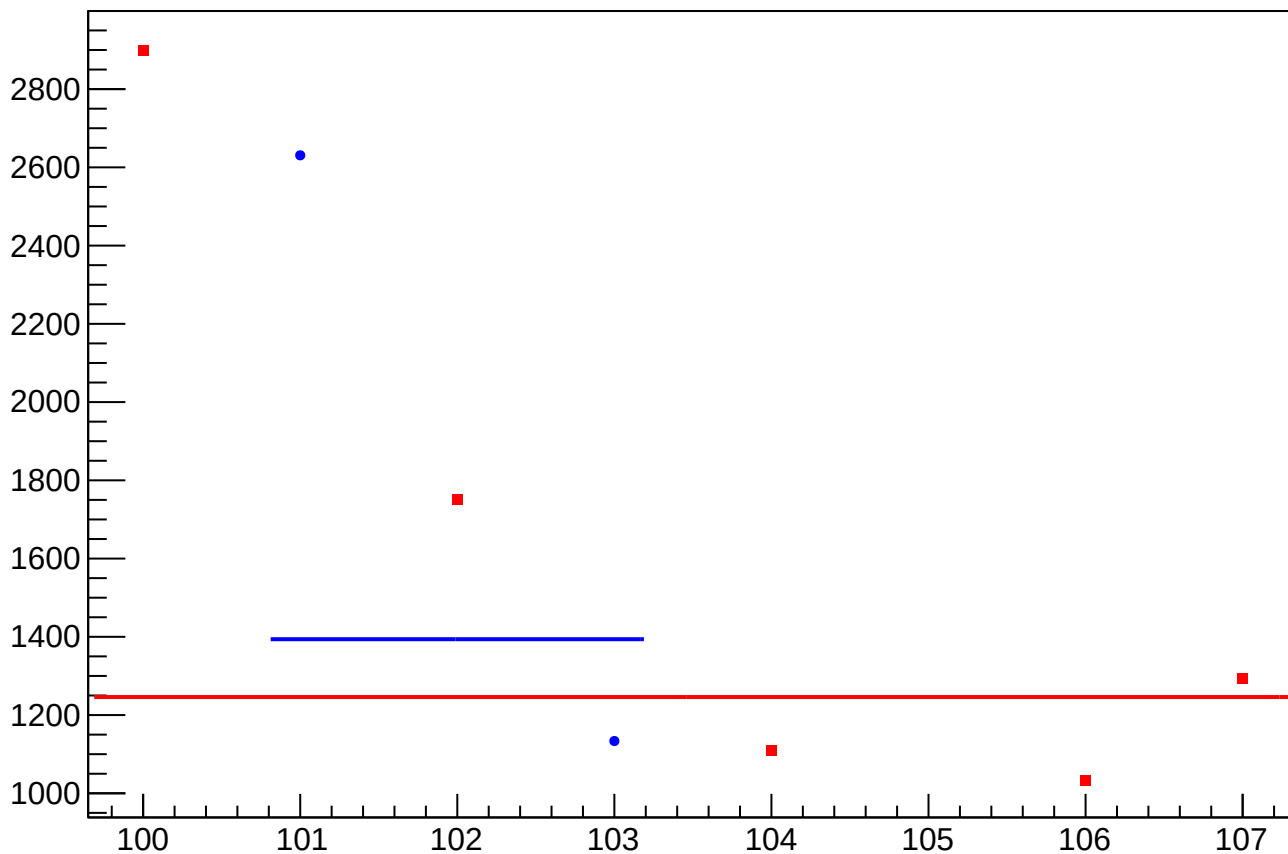
Right: -137.830 $\pm$ 831.072 χ^2 /NDF: 4.6/6

In: -459.787 $\pm$ 1356.049 χ^2 /NDF: 2.1/1

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

All: -137.830 $\pm$ 831.072 χ^2 /NDF: 4.6/6

reg_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1393.892 $\pm$ 0.959 χ^2/NDF : 350151.2/1

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

Right Out: 1246.075 $\pm$ 0.724 χ^2/NDF : 166605.7/4

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

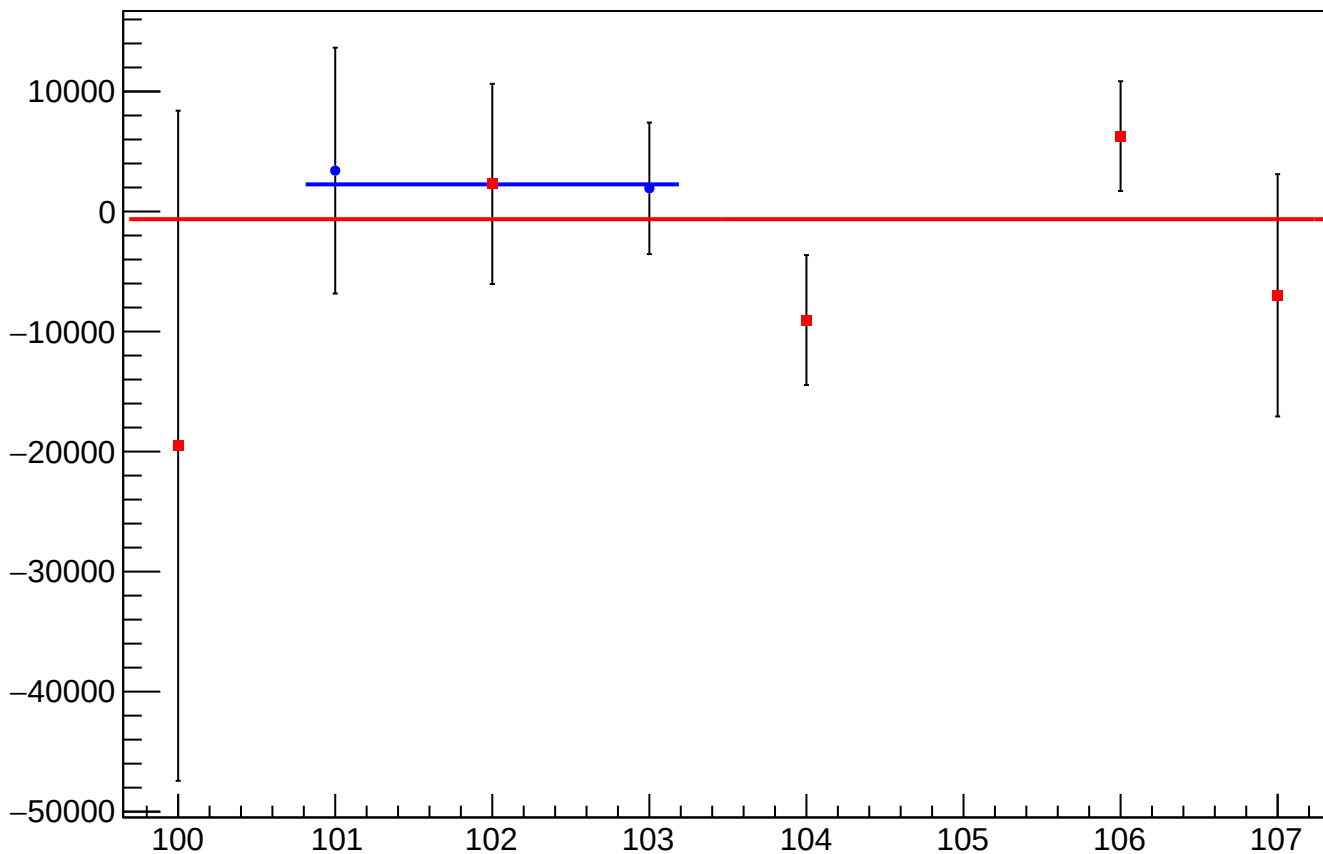
Right: 1299.752 $\pm$ 0.578 χ^2/NDF : 531891.9/6

In: 1393.892 $\pm$ 0.959 χ^2/NDF : 350151.2/1

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

All: 1299.752 $\pm$ 0.578 χ^2/NDF : 531891.9/6

asym_us_avg_at2lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 2260.192+/-4830.821 χ^2/NDF : 0.0/1

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

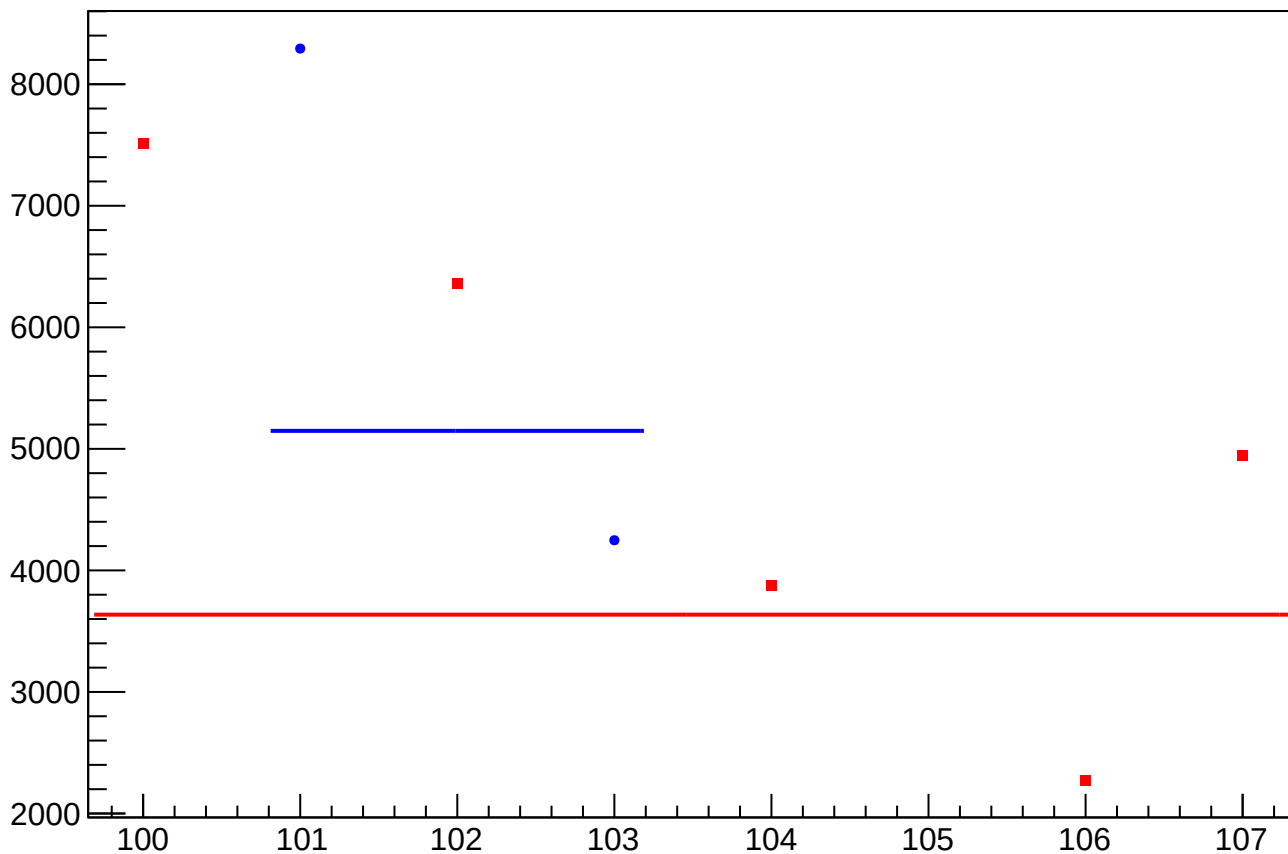
Right: 188.046+/-2579.319 χ^2/NDF : 6.0/6

In: 2260.192+/-4830.821 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 188.046+/-2579.319 χ^2/NDF : 6.0/6

asym_us_avg_at2lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 5148.024+/-3.416 χ^2/NDF : 242601.0/1

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

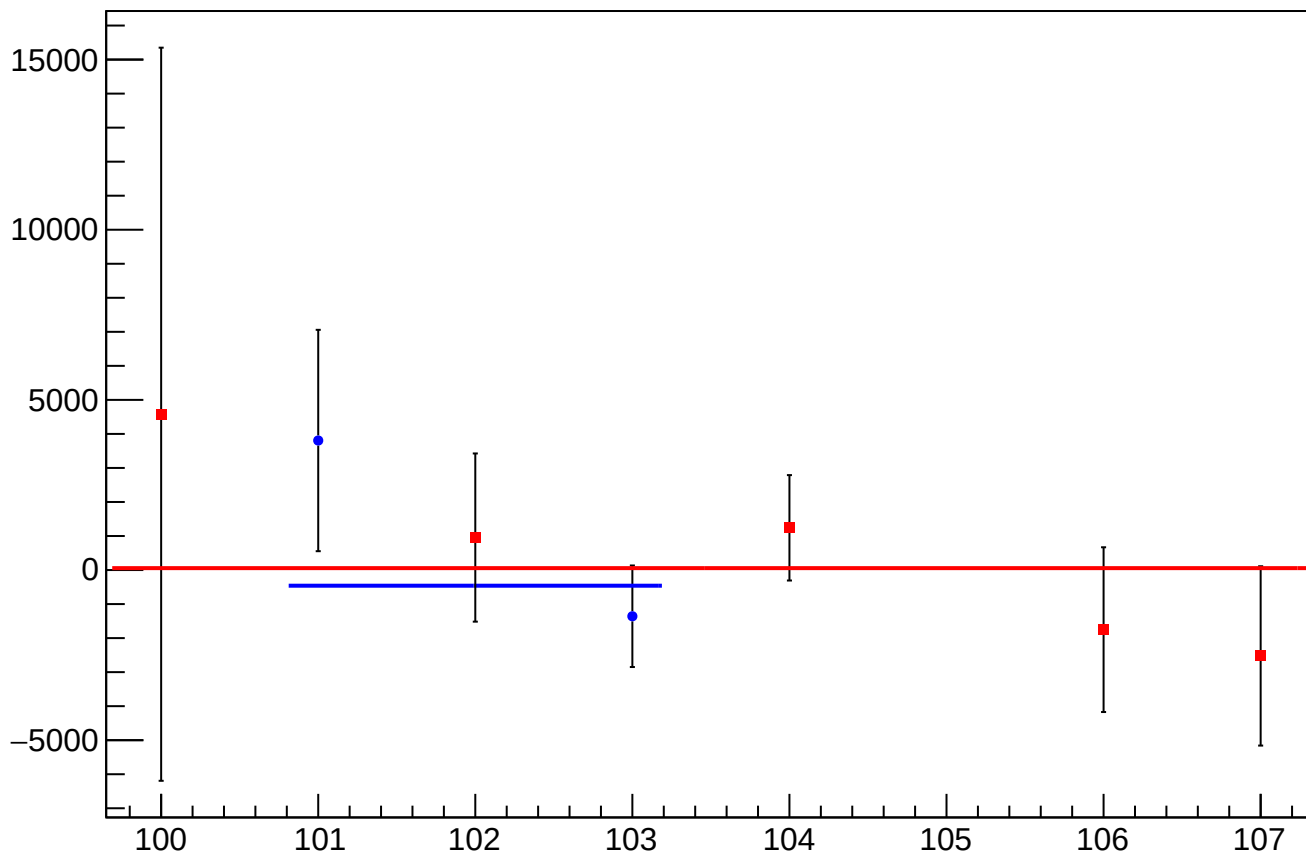
Right: 4067.092+/-1.824 χ^2/NDF : 849791.7/6

In: 5148.024+/-3.416 χ^2/NDF : 242601.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4067.092+/-1.824 χ^2/NDF : 849791.7/6

cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -460.221+/-1356.049 χ^2/NDF : 2.1/1

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

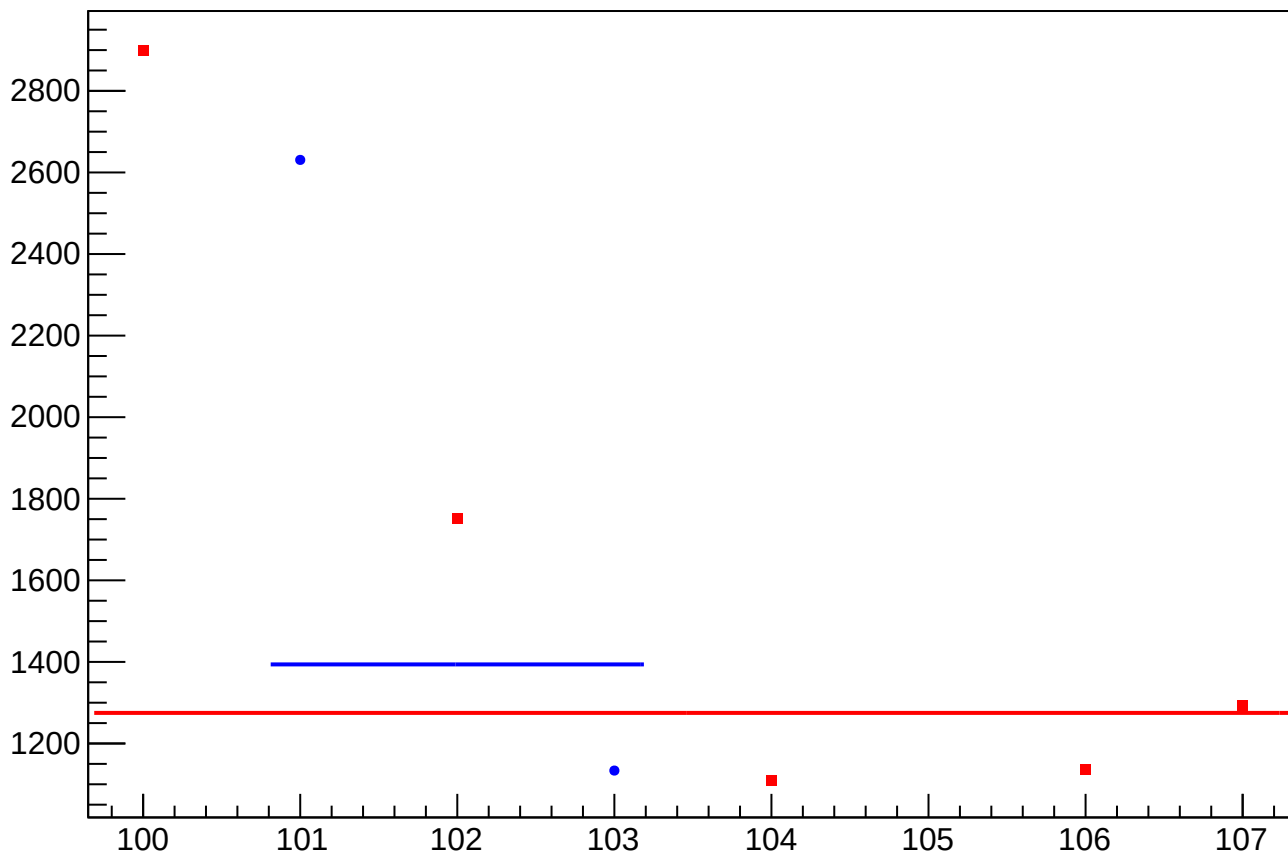
Right: -137.887+/-831.072 χ^2/NDF : 4.6/6

In: -460.221+/-1356.049 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -137.887+/-831.072 χ^2/NDF : 4.6/6

cor_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1393.891+/-0.959 χ^2/NDF : 350151.3/1

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

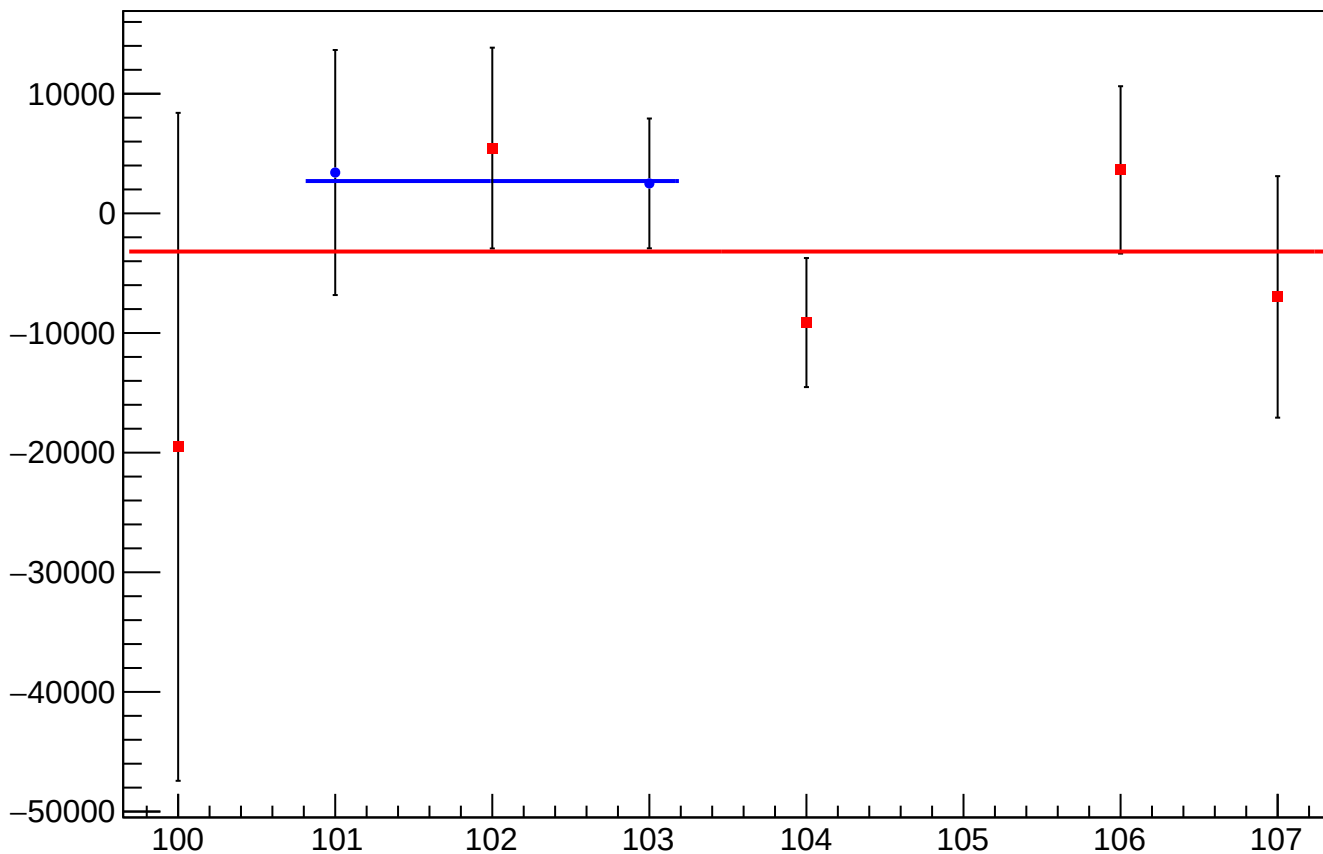
Right: 1319.185+/-0.585 χ^2/NDF : 509375.9/6

In: 1393.891+/-0.959 χ^2/NDF : 350151.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1319.185+/-0.585 χ^2/NDF : 509375.9/6

asym_us_avg_at2lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 2702.552 $\pm$ 4794.737 χ^2 /NDF: 0.0/1

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

Right Out: -3189.521 $\pm$ 3533.061 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

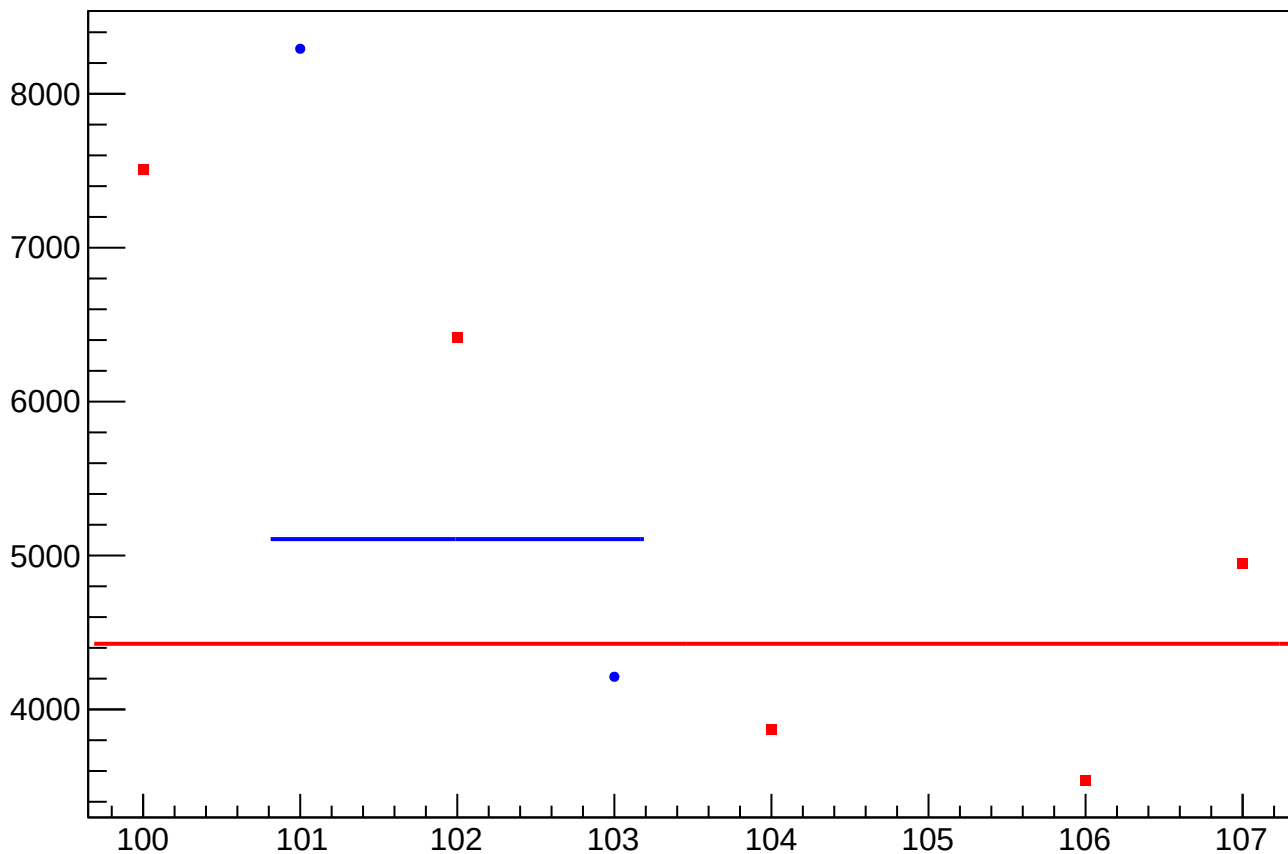
Right: -1116.115 $\pm$ 2844.284 χ^2 /NDF: 4.7/6

In: 2702.552 $\pm$ 4794.737 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1116.115 $\pm$ 2844.284 χ^2 /NDF: 4.7/6

asym_us_avg_at2lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 5106.683+/-3.390 χ^2/NDF : 247894.1/1

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

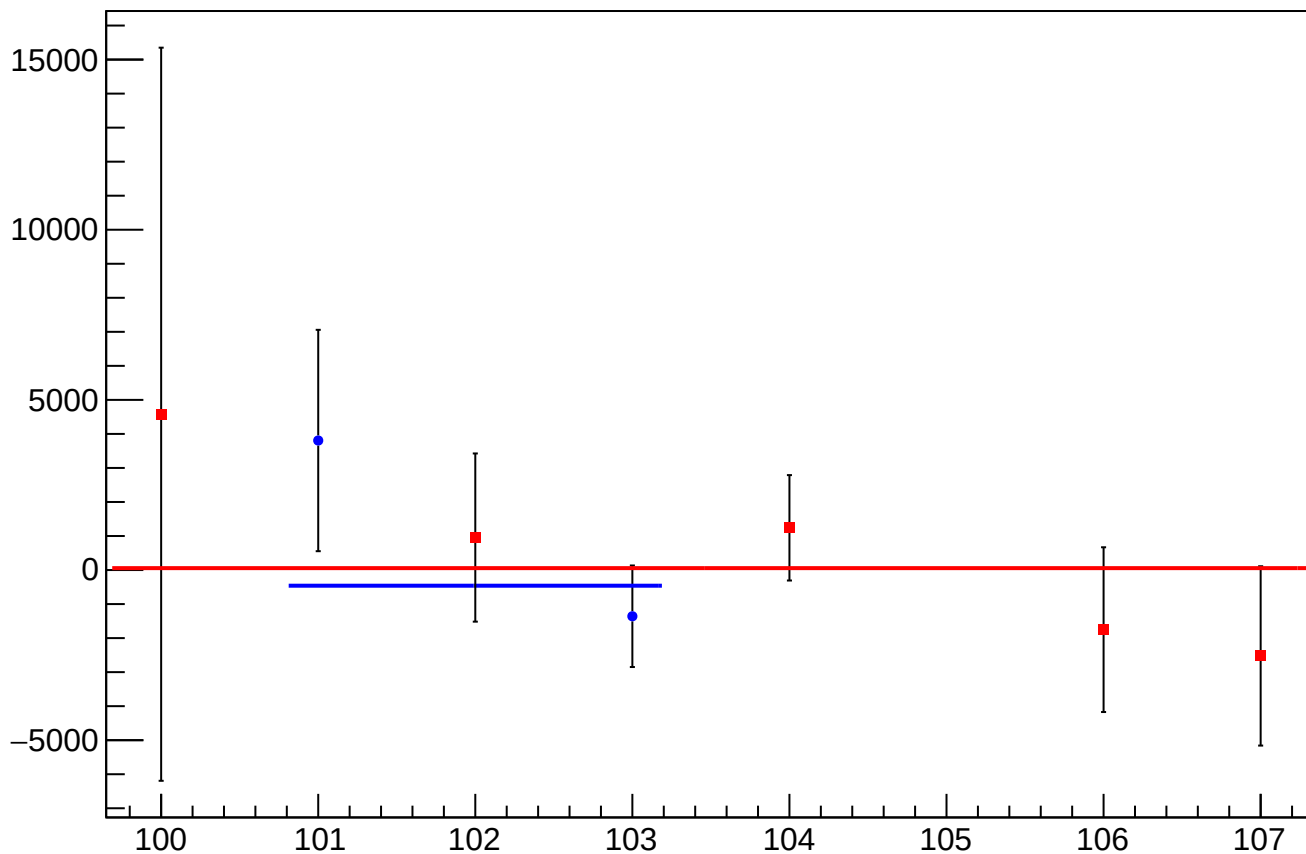
Right: 4665.925+/-2.011 χ^2/NDF : 469663.1/6

In: 5106.683+/-3.390 χ^2/NDF : 247894.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4665.925+/-2.011 χ^2/NDF : 469663.1/6

eigen_cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -460.221+/-1356.049 χ^2/NDF : 2.1/1

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

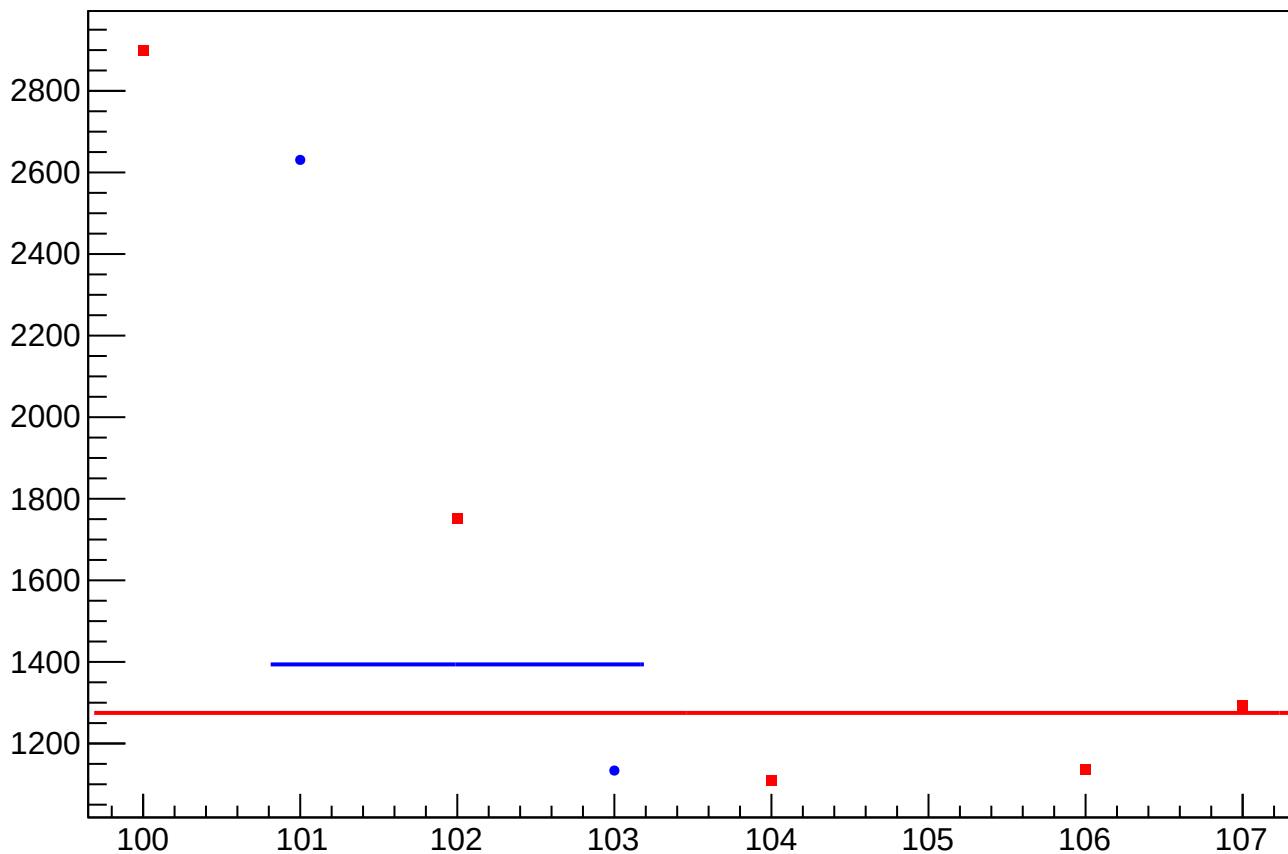
Right: -137.887+/-831.072 χ^2/NDF : 4.6/6

In: -460.221+/-1356.049 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -137.887+/-831.072 χ^2/NDF : 4.6/6

eigen_cor_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1393.891+/-0.959 χ^2/NDF : 350151.3/1

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

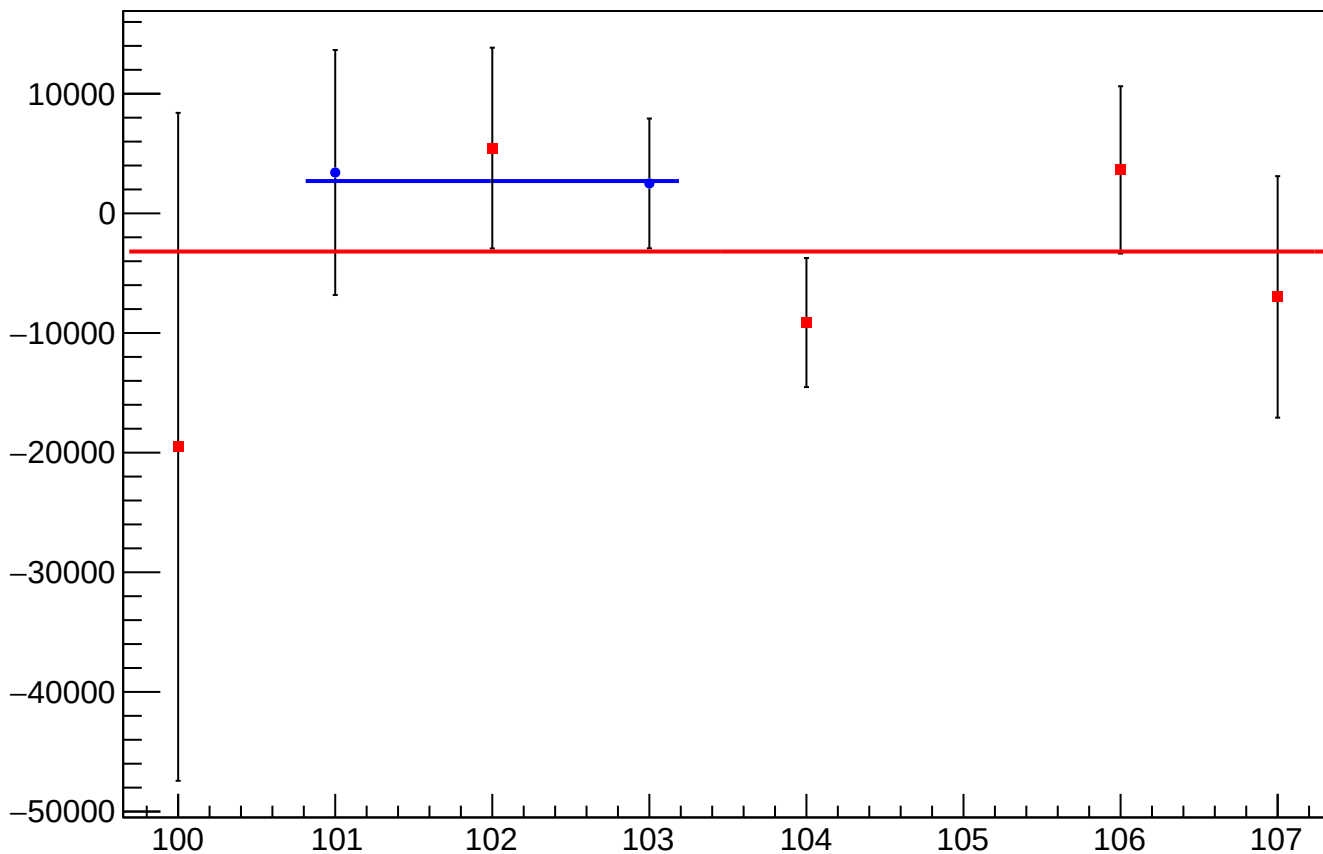
Right: 1319.185+/-0.585 χ^2/NDF : 509375.9/6

In: 1393.891+/-0.959 χ^2/NDF : 350151.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1319.185+/-0.585 χ^2/NDF : 509375.9/6

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2702.552+/-4794.737 χ^2/NDF : 0.0/1

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

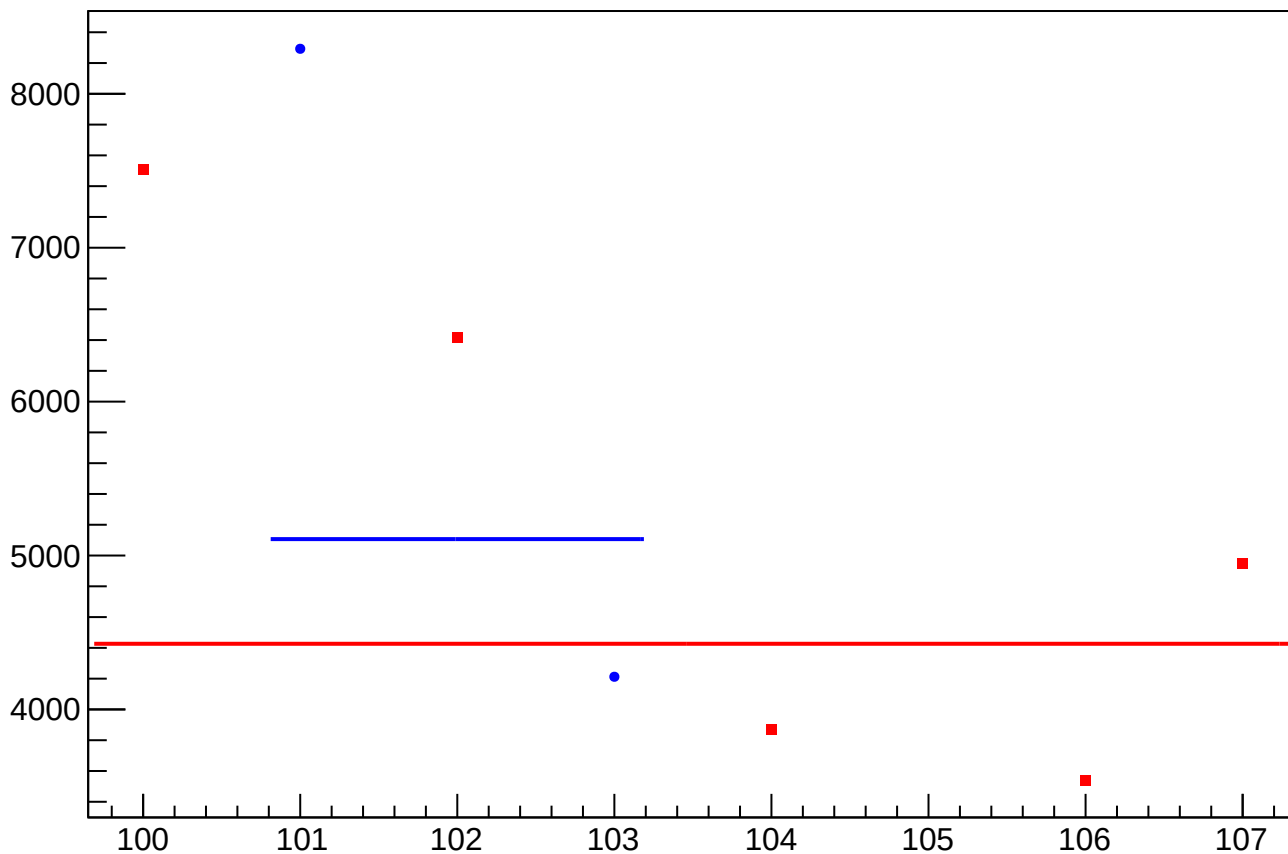
Right: -1116.115+/-2844.284 χ^2/NDF : 4.7/6

In: 2702.552+/-4794.737 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1116.115+/-2844.284 χ^2/NDF : 4.7/6

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 5106.683+/-3.390 χ^2/NDF : 247894.1/1

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

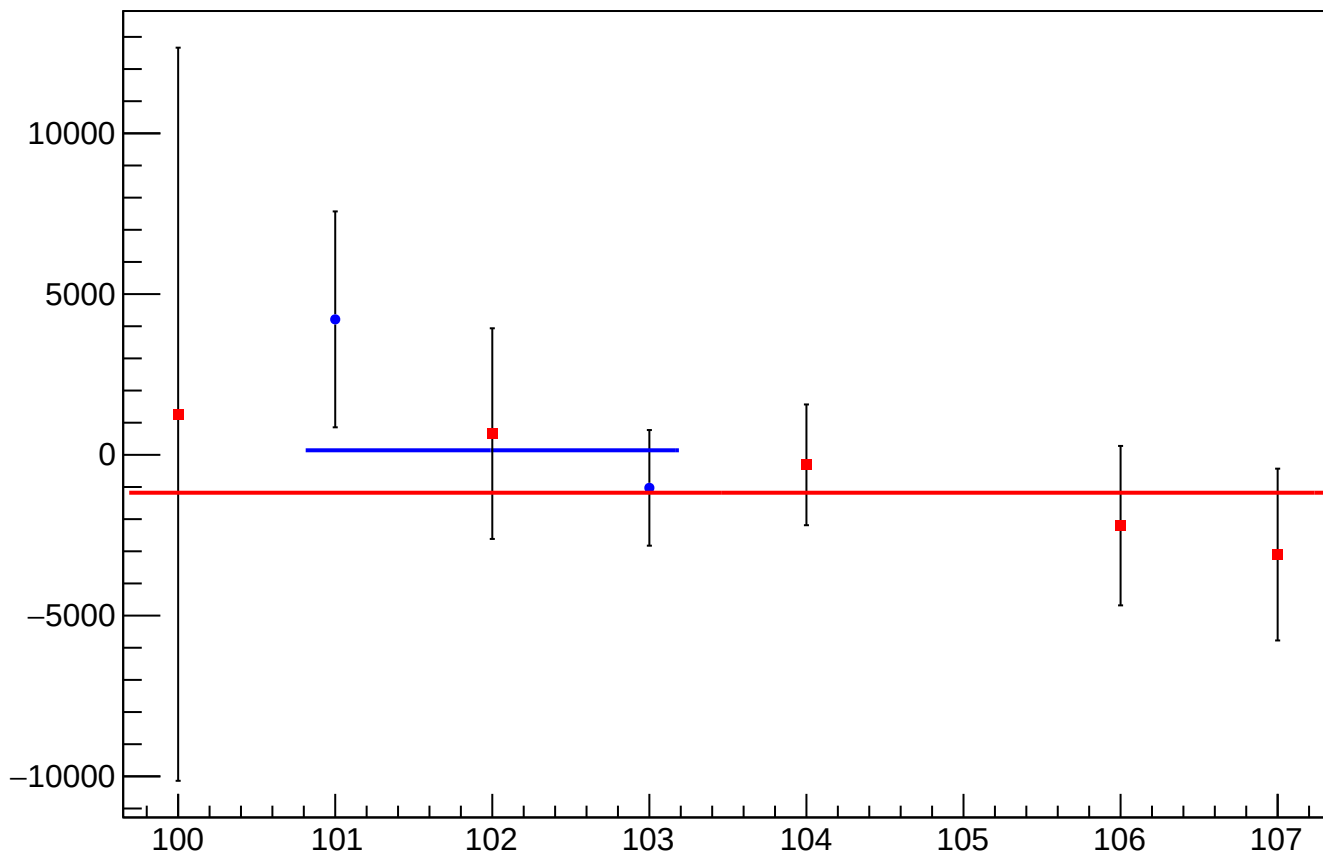
Right: 4665.925+/-2.011 χ^2/NDF : 469663.1/6

In: 5106.683+/-3.390 χ^2/NDF : 247894.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4665.925+/-2.011 χ^2/NDF : 469663.1/6

dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 141.641+/-1585.399 χ^2/NDF : 1.9/1

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

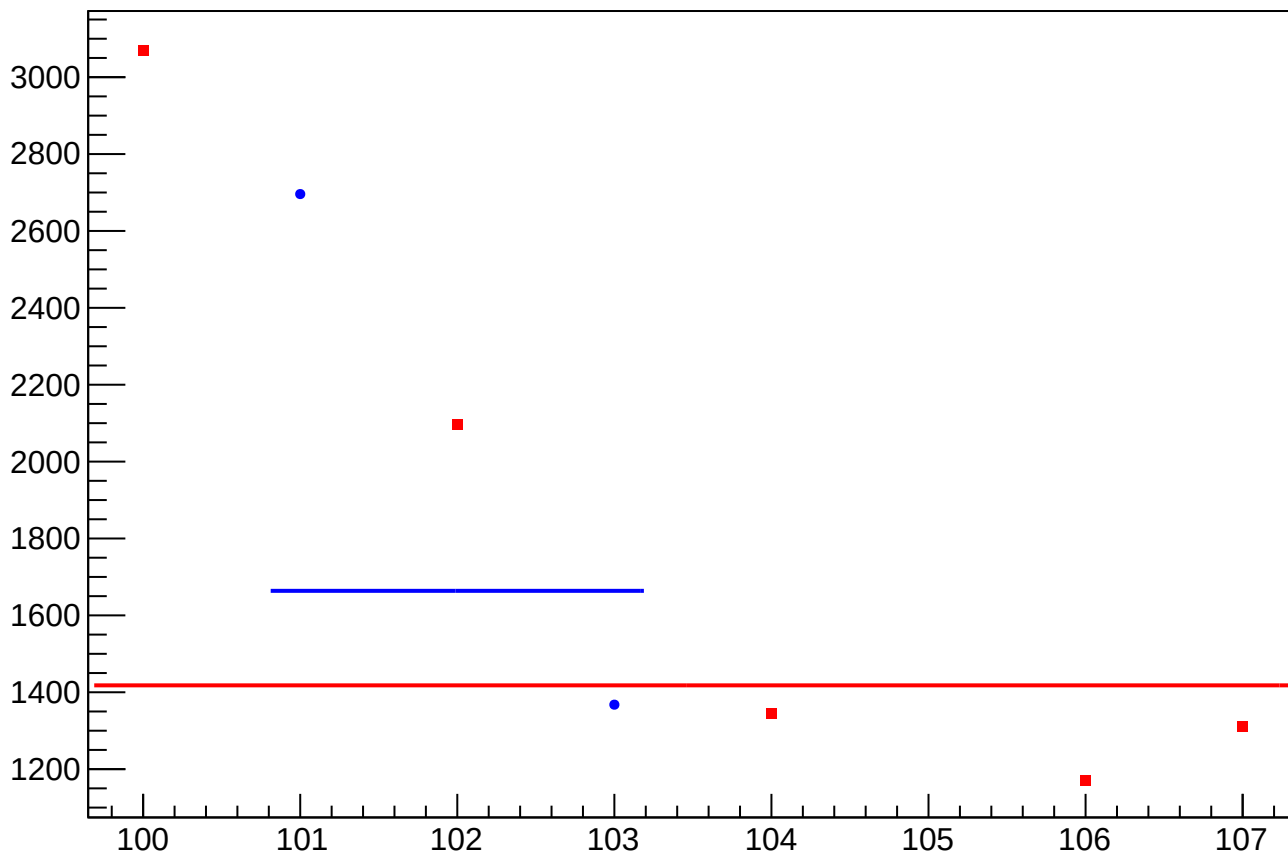
Right: -694.161+/-960.072 χ^2/NDF : 3.6/6

In: 141.641+/-1585.399 χ^2/NDF : 1.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -694.161+/-960.072 χ^2/NDF : 3.6/6

dit_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1663.829+/-1.121 χ^2/NDF : 243181.4/1

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

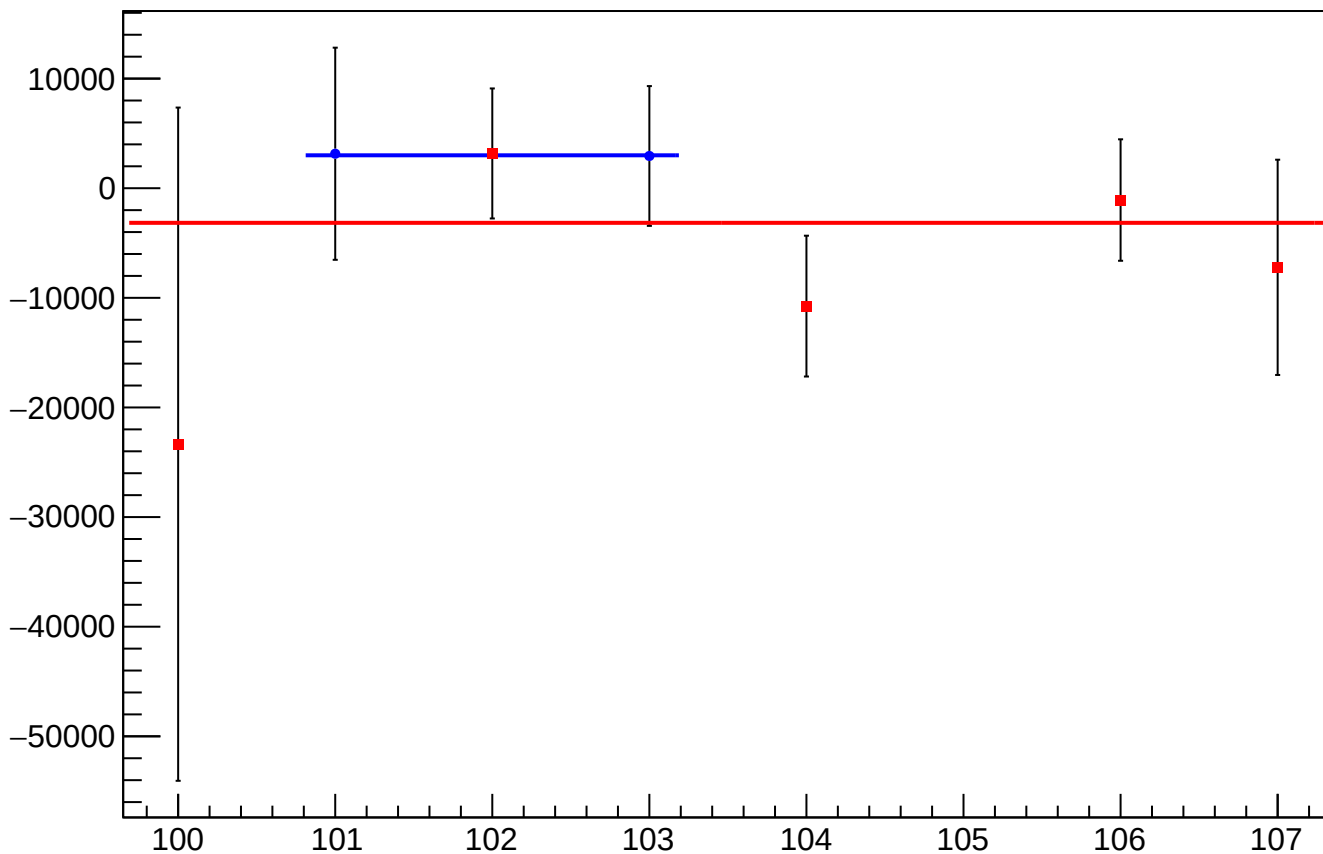
Right: 1507.985+/-0.678 χ^2/NDF : 427541.4/6

In: 1663.829+/-1.121 χ^2/NDF : 243181.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1507.985+/-0.678 χ^2/NDF : 427541.4/6

asym_us_avg_at2lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 3002.743+/-5323.906 χ^2/NDF : 0.0/1

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

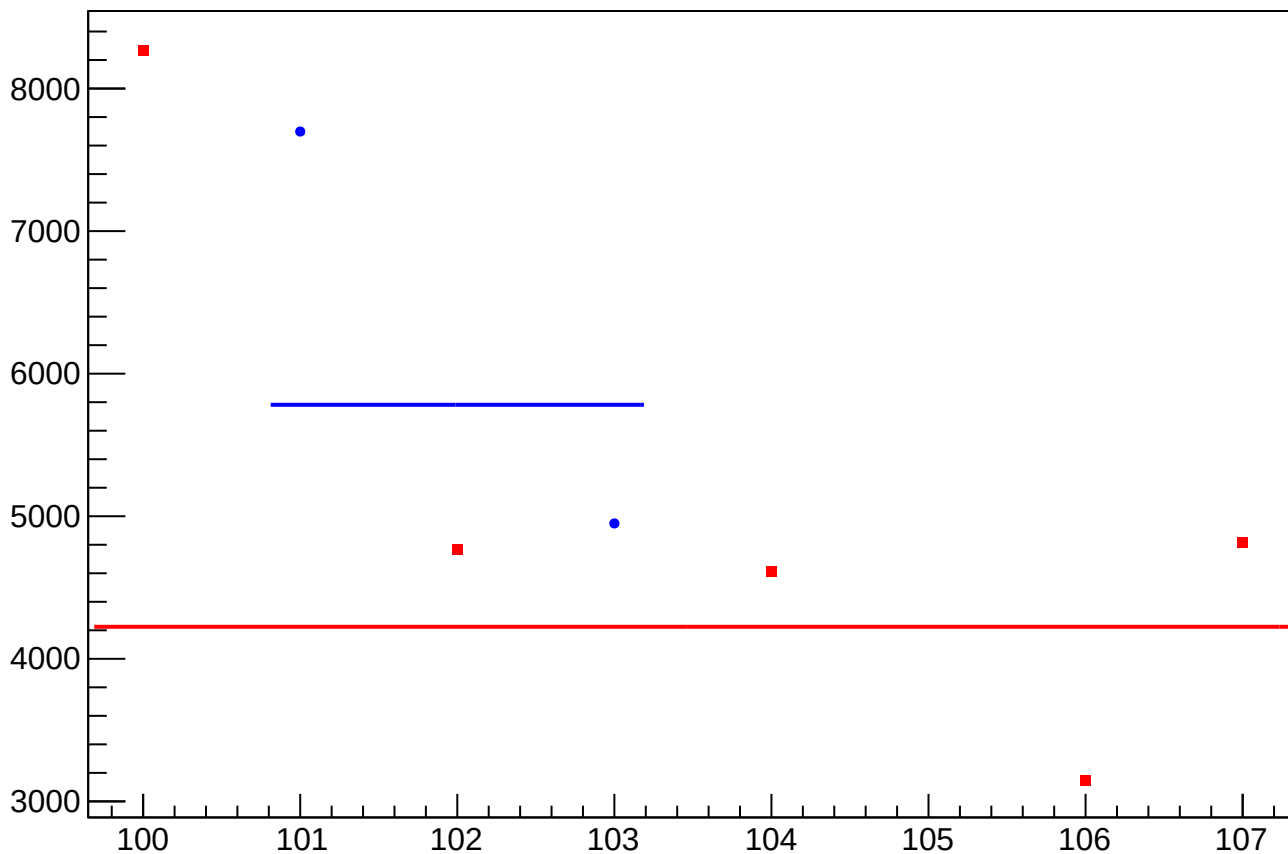
Right: -1510.711+/-2752.739 χ^2/NDF : 4.3/6

In: 3002.743+/-5323.906 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1510.711+/-2752.739 χ^2/NDF : 4.3/6

asym_us_avg_at2lr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 5781.792+/-3.765 χ^2/NDF : 112548.1/1

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

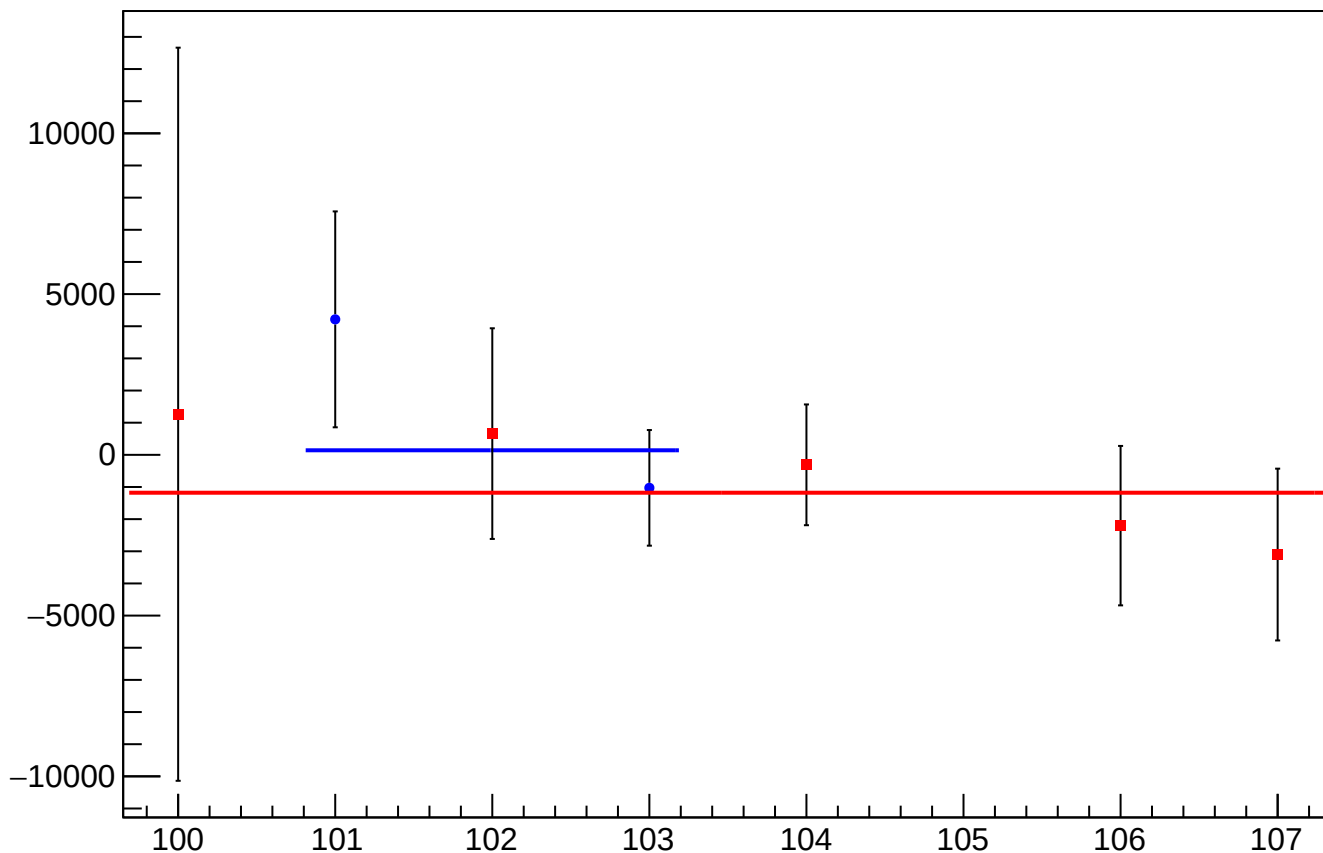
Right: 4640.928+/-1.946 χ^2/NDF : 378984.5/6

In: 5781.792+/-3.765 χ^2/NDF : 112548.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4640.928+/-1.946 χ^2/NDF : 378984.5/6

eigen_dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 141.649+/-1585.401 χ^2 /NDF: 1.9/1

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

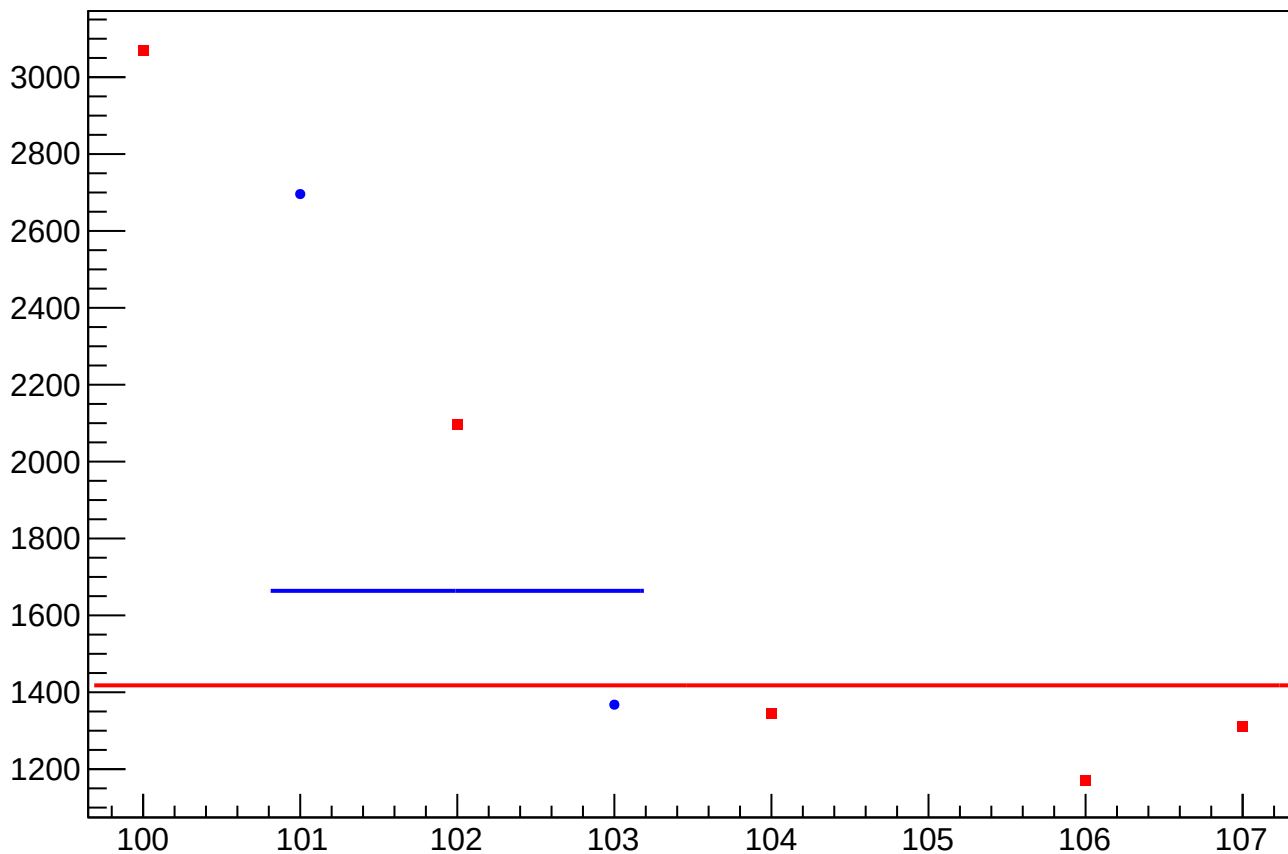
Right: -694.169+/-960.073 χ^2 /NDF: 3.6/6

In: 141.649+/-1585.401 χ^2 /NDF:1.9/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -694.169+/-960.073 χ^2 /NDF: 3.6/6

eigen_dit_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1663.832+/-1.121 χ^2 /NDF: 243180.4/1

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

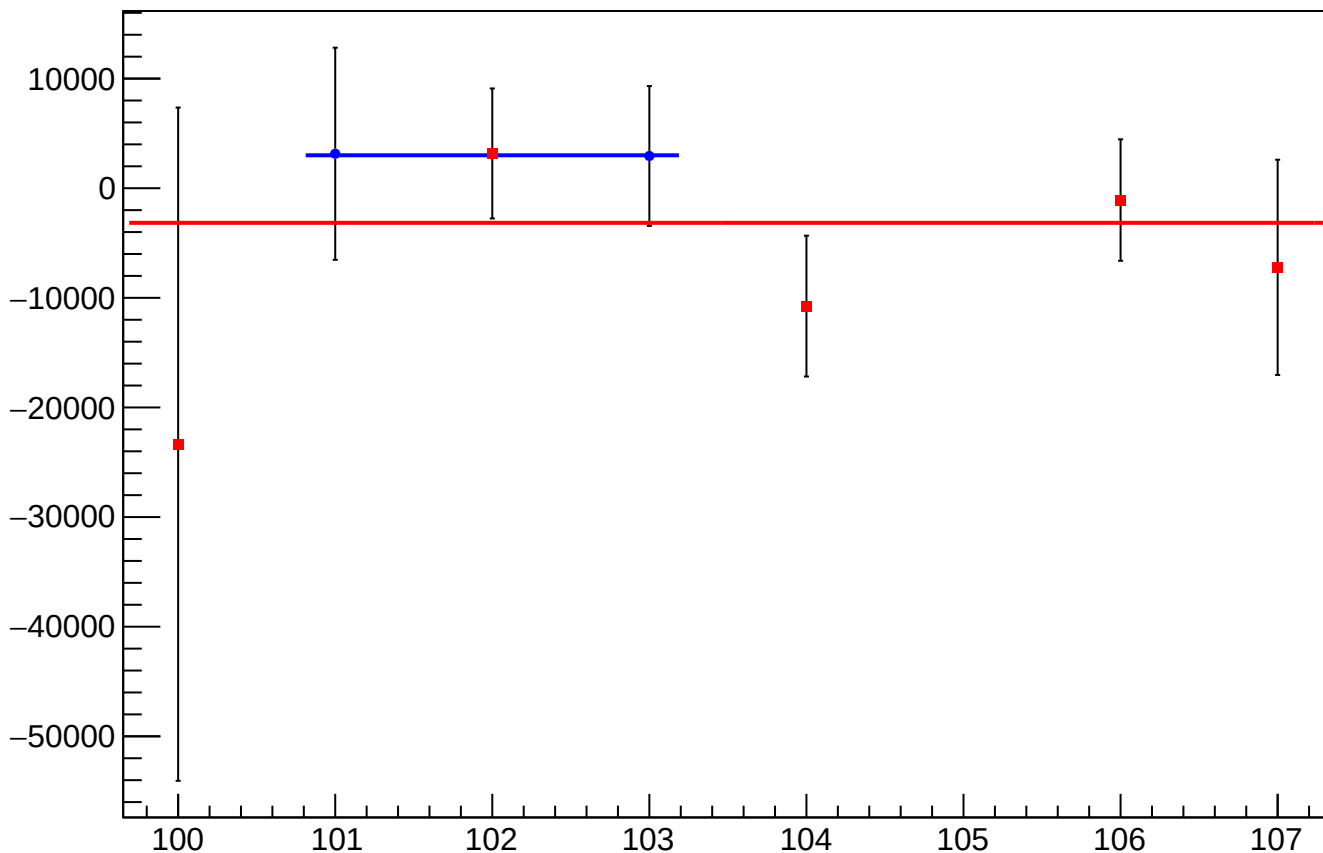
Right: 1507.986+/-0.678 χ^2 /NDF: 427541.1/6

In: 1663.832+/-1.121 χ^2 /NDF:243180.4/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1507.986+/-0.678 χ^2 /NDF: 427541.1/6

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 3002.750+/-5323.907 χ^2 /NDF: 0.0/1

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

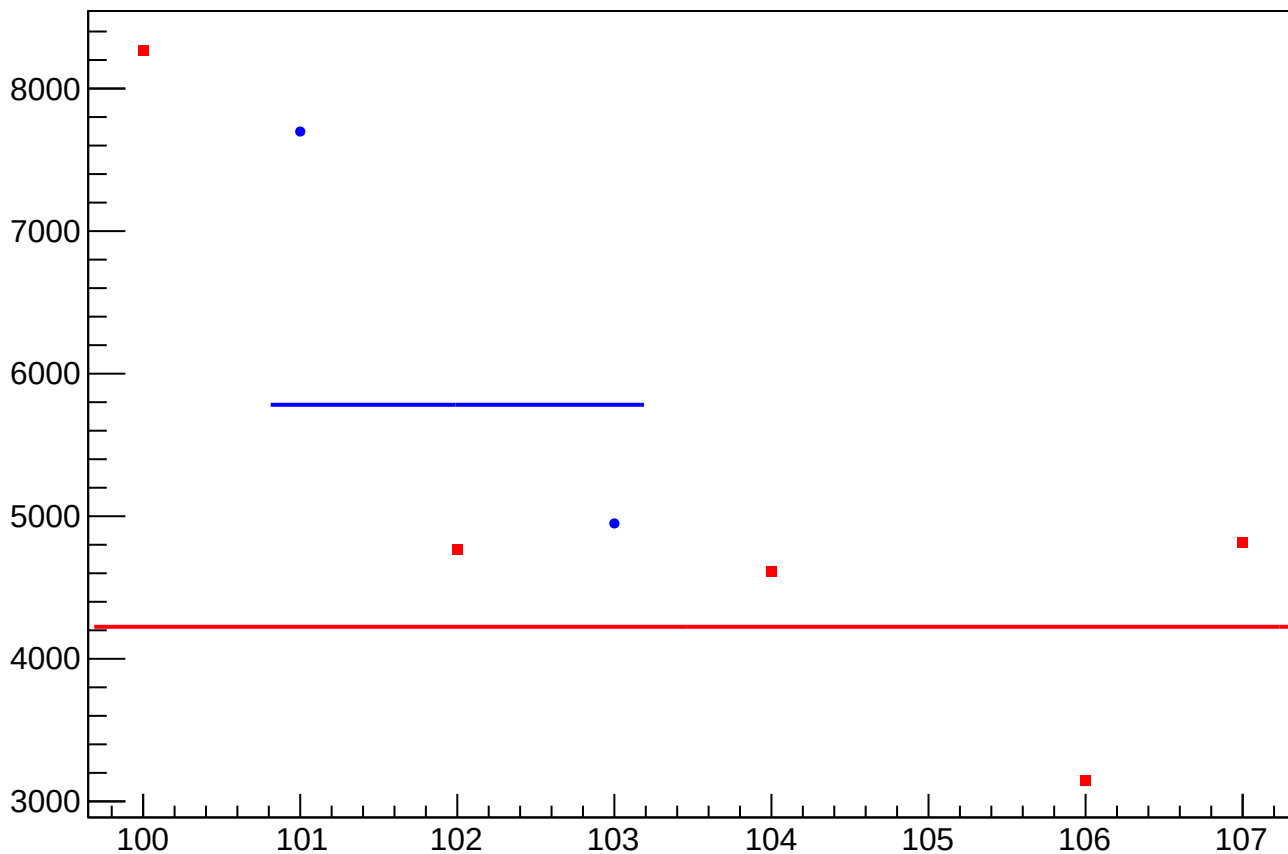
Right: -1510.722+/-2752.737 χ^2 /NDF: 4.3/6

In: 3002.750+/-5323.907 χ^2 /NDF:0.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1510.722+/-2752.737 χ^2 /NDF: 4.3/6

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5781.793 ± 3.765 $\chi^2/\text{NDF}: 112547.5/1$

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

Right Out: 4224.626 ± 2.274 $\chi^2/\text{NDF}: 141085.5/4$

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

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

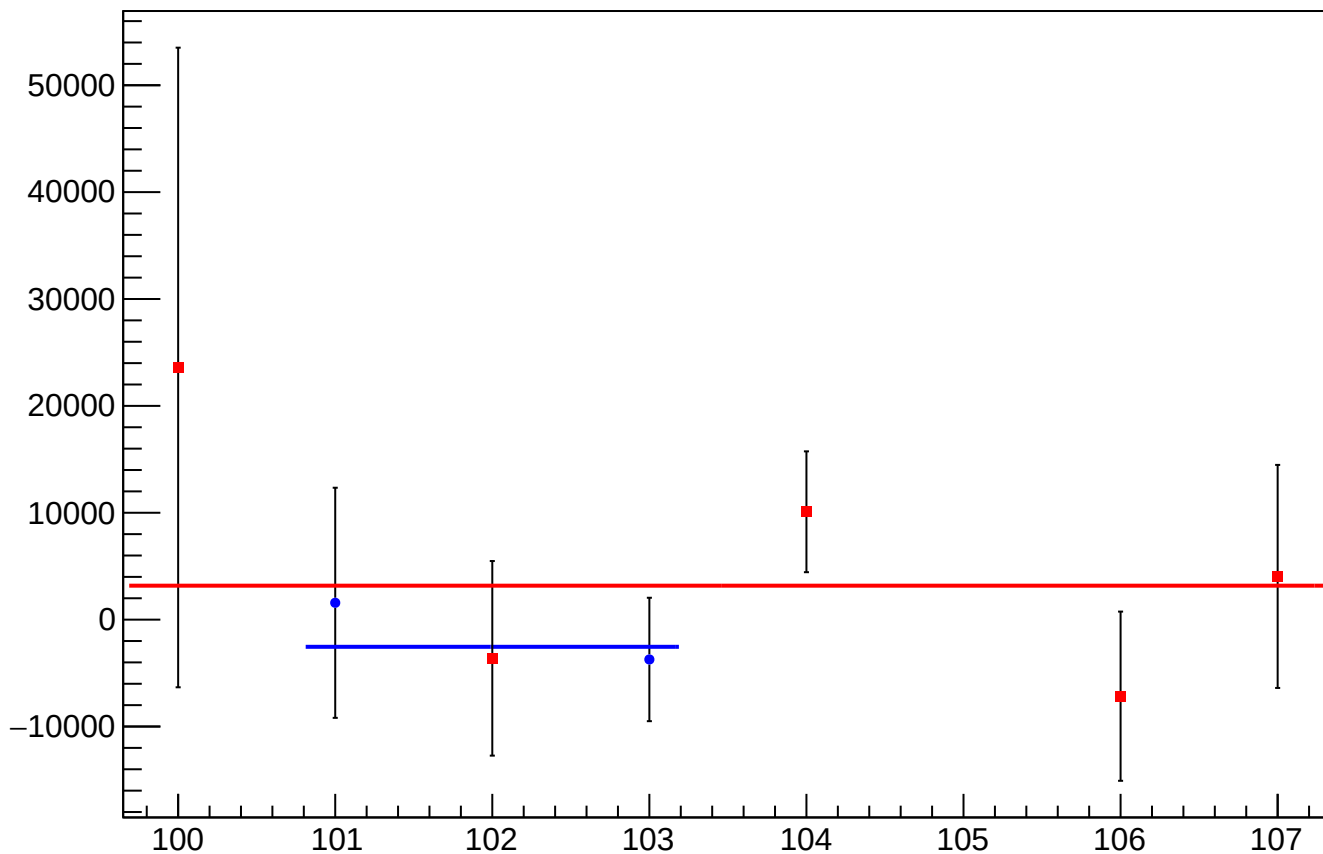
Right: 4640.923 ± 1.946 $\chi^2/\text{NDF}: 378987.7/6$

In: 5781.793 ± 3.765 $\chi^2/\text{NDF}: 112547.5/1$

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

All: 4640.923 ± 1.946 $\chi^2/\text{NDF}: 378987.7/6$

asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -2541.714 $\pm$ 5088.024 χ^2 /NDF: 0.2/1

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

Right Out: 3178.062 $\pm$ 3790.026 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

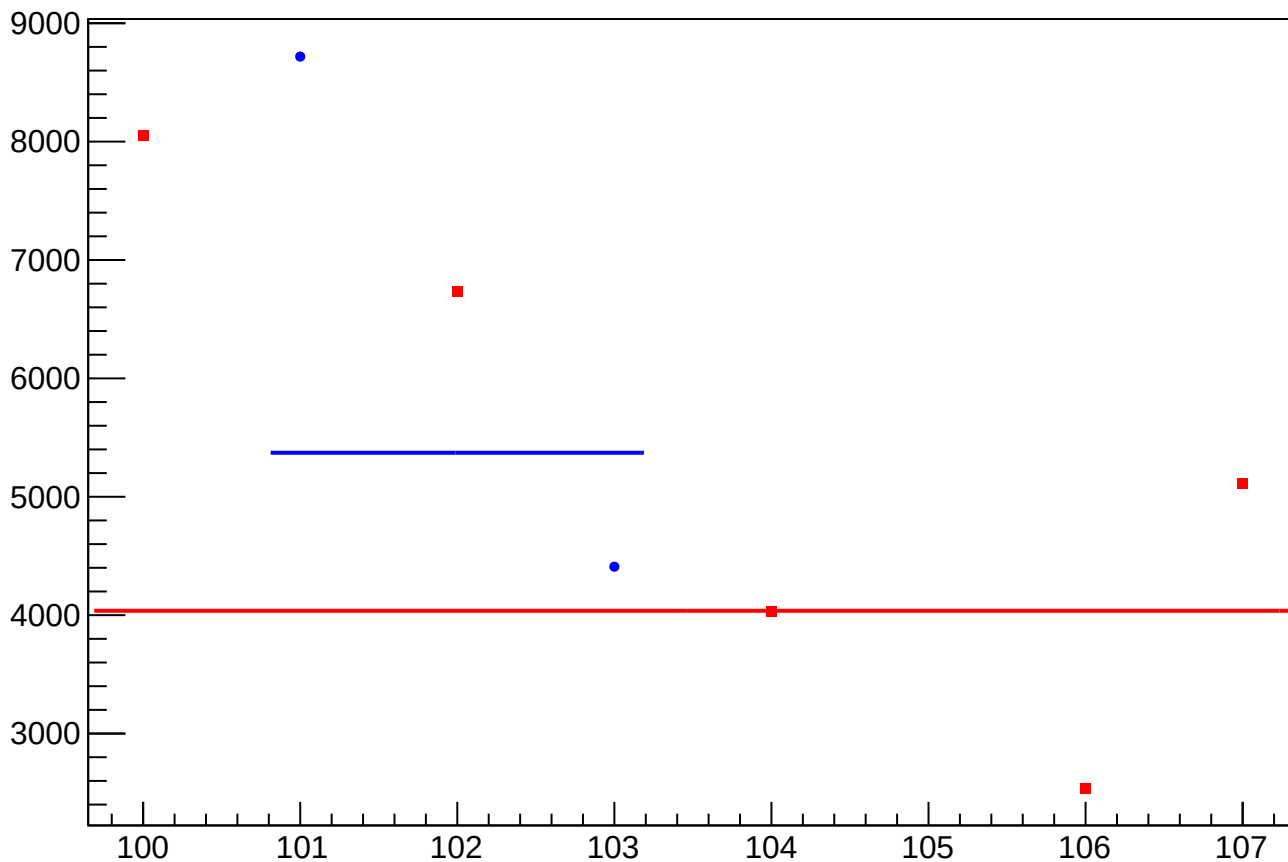
Right: 1136.921 $\pm$ 3039.458 χ^2 /NDF: 5.2/6

In: -2541.714 $\pm$ 5088.024 χ^2 /NDF: 0.2/1

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

All: 1136.921 $\pm$ 3039.458 χ^2 /NDF: 5.2/6

asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 5371.936+/-3.598 χ^2/NDF : 248835.5/1

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

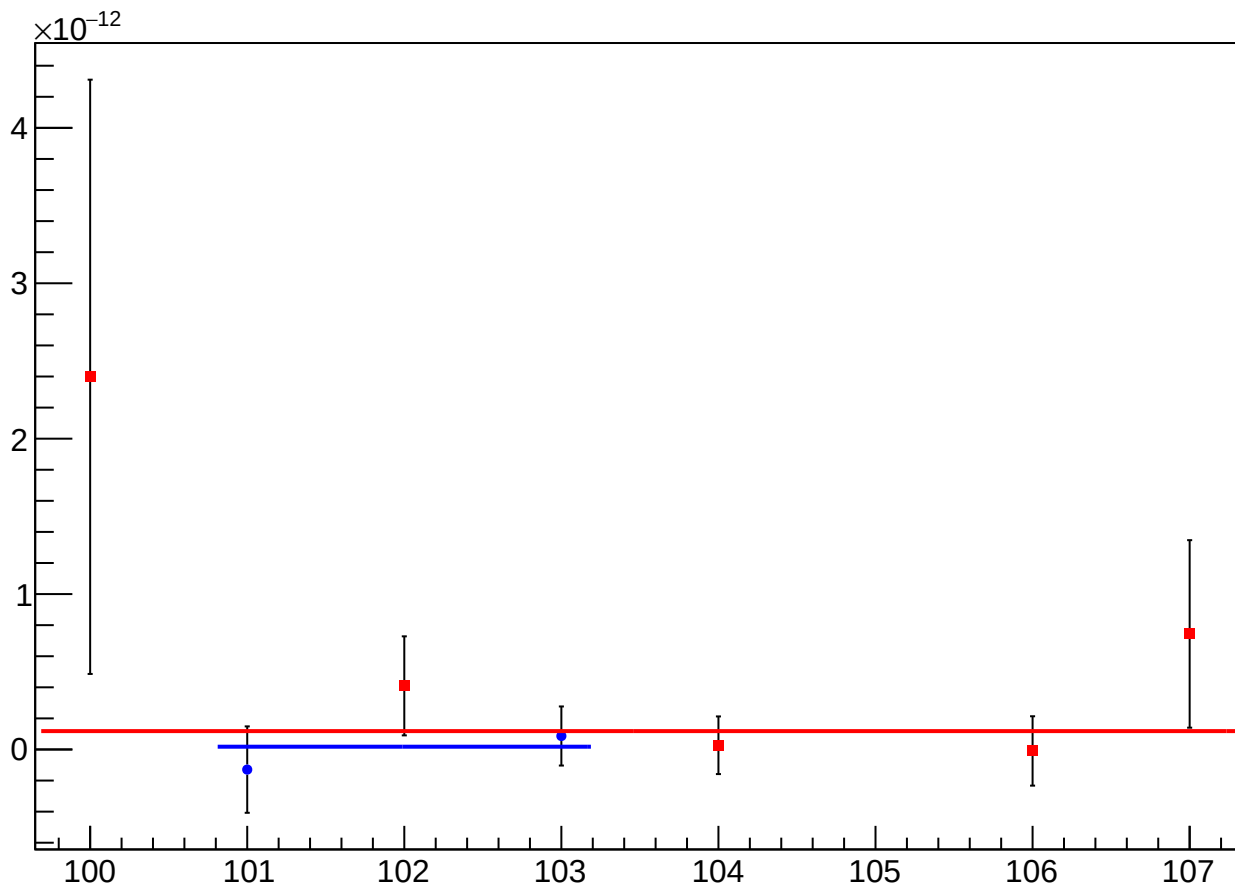
Right: 4454.559+/-2.012 χ^2/NDF : 716569.1/6

In: 5371.936+/-3.598 χ^2/NDF : 248835.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4454.559+/-2.012 χ^2/NDF : 716569.1/6

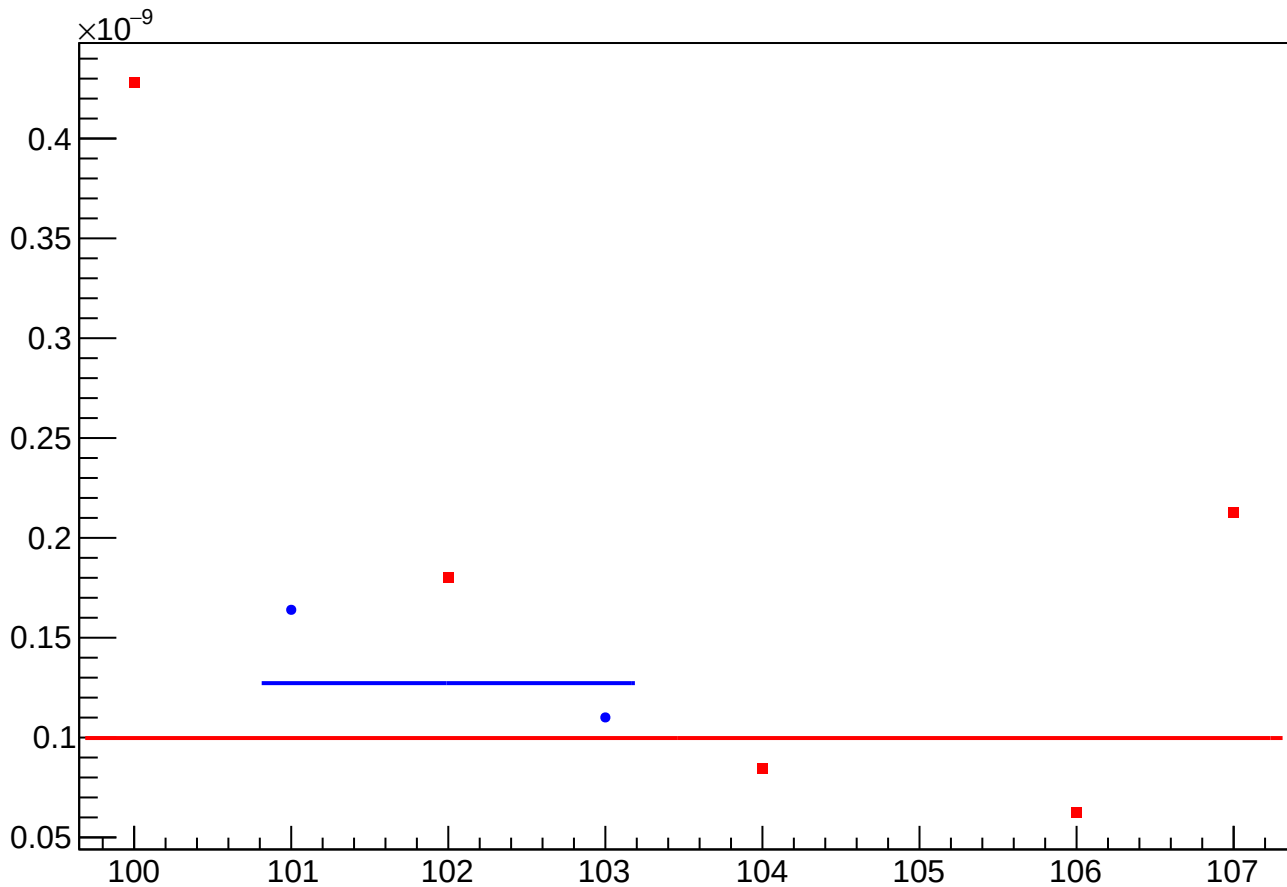
asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.4/1
 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 : 4.6/6
 In: 0.000+/-0.000 χ^2/NDF : 0.4/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 4.6/6

asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 51204.2/1

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

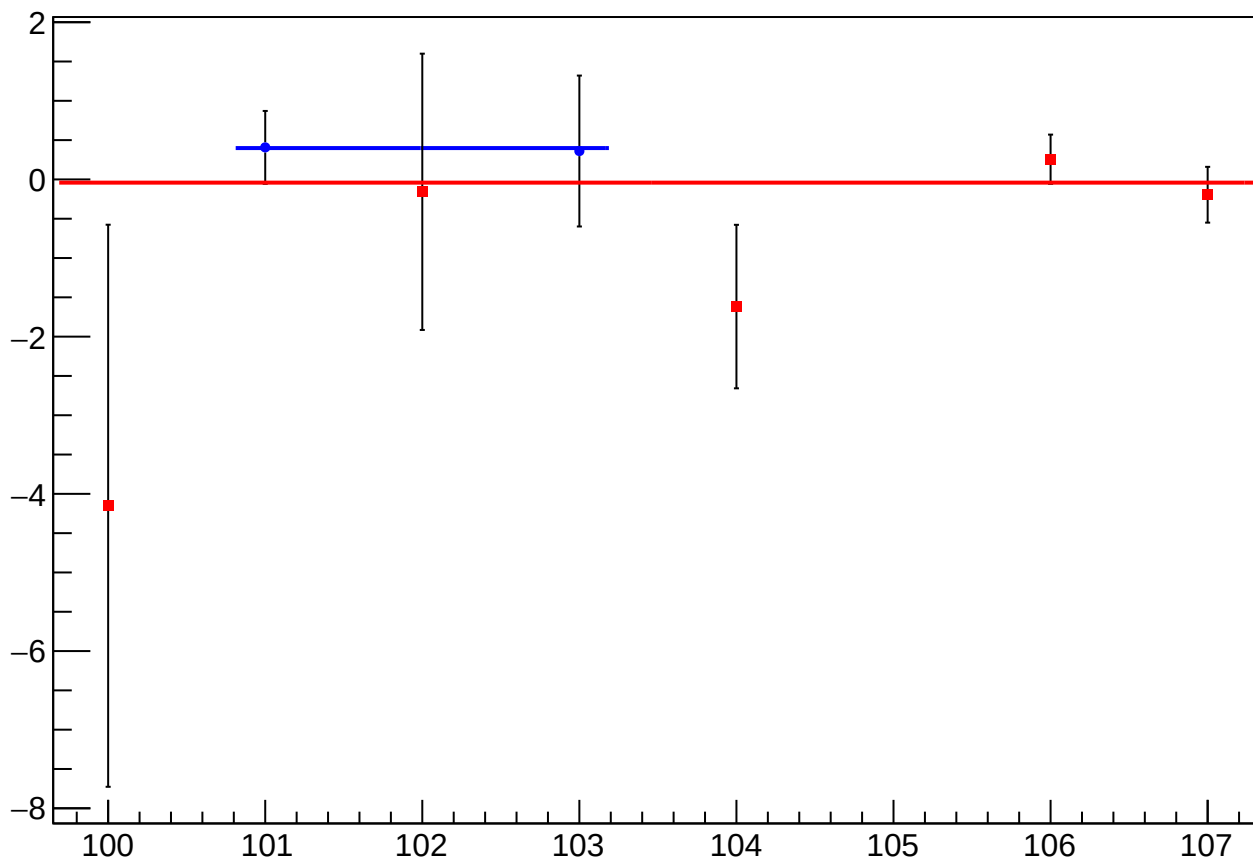
Right: 0.000+/-0.000 χ^2/NDF : 414805.9/6

In: 0.000+/-0.000 χ^2/NDF : 51204.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 414805.9/6

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.399 $\pm$ 0.417 χ^2 /NDF: 0.0/1

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

Right Out: -0.041 $\pm$ 0.227 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

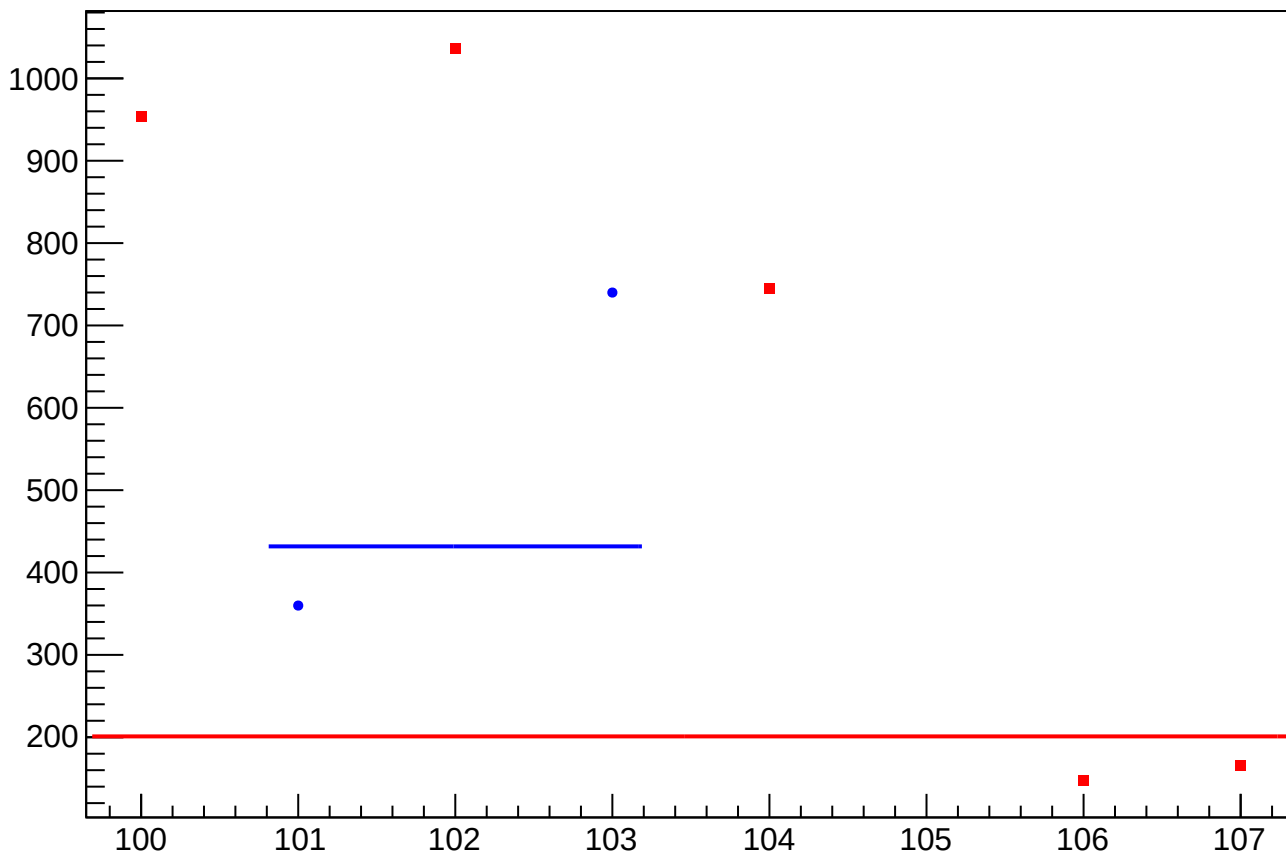
Right: 0.059 $\pm$ 0.199 χ^2 /NDF: 5.6/6

In: 0.399 $\pm$ 0.417 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.059 $\pm$ 0.199 χ^2 /NDF: 5.6/6

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 431.741 $\pm$ 0.295 χ^2 /NDF: 254271.3/1

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

Right Out: 201.020 $\pm$ 0.160 χ^2 /NDF: 1165211.1/4

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

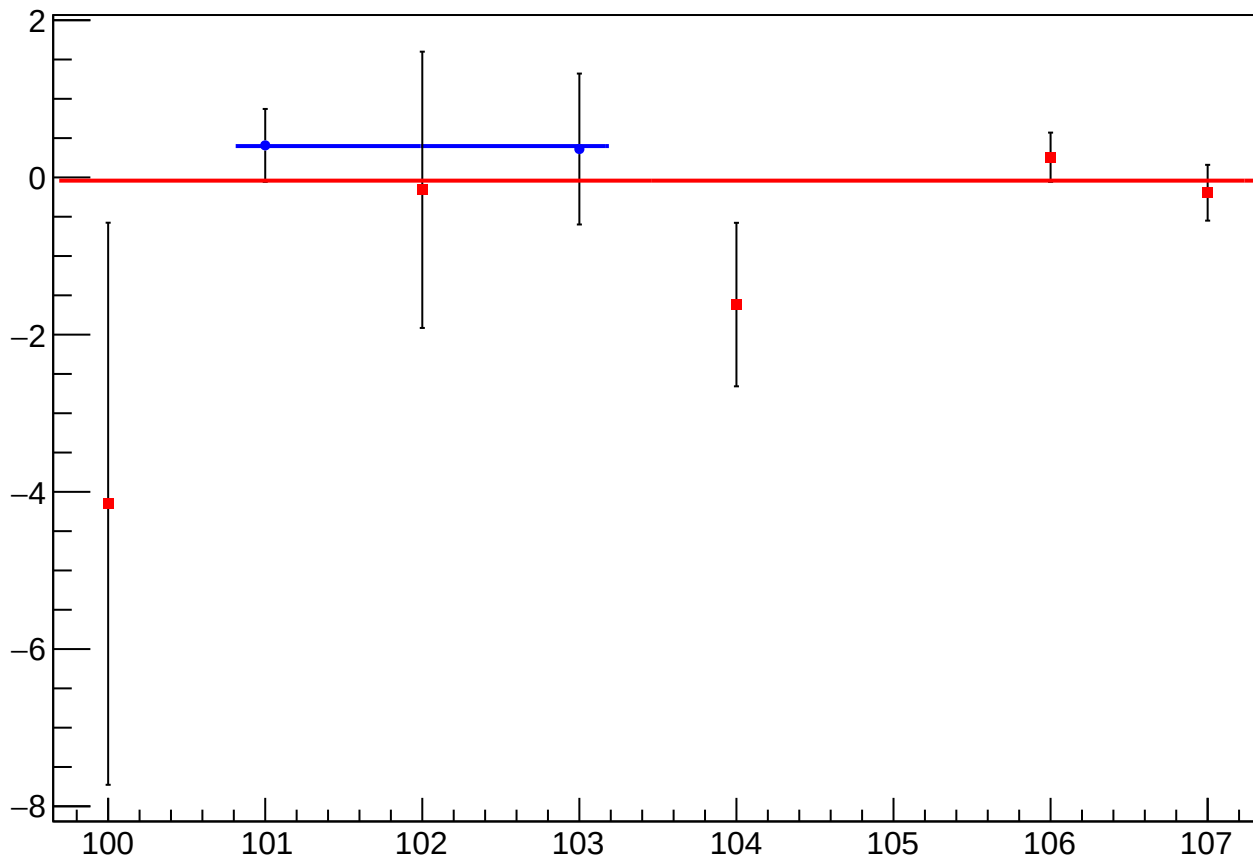
Right: 253.554 $\pm$ 0.141 χ^2 /NDF: 1891491.3/6

In: 431.741 $\pm$ 0.295 χ^2 /NDF:254271.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 253.554 $\pm$ 0.141 χ^2 /NDF: 1891491.3/6

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.399+/-0.417 χ^2/NDF : 0.0/1

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

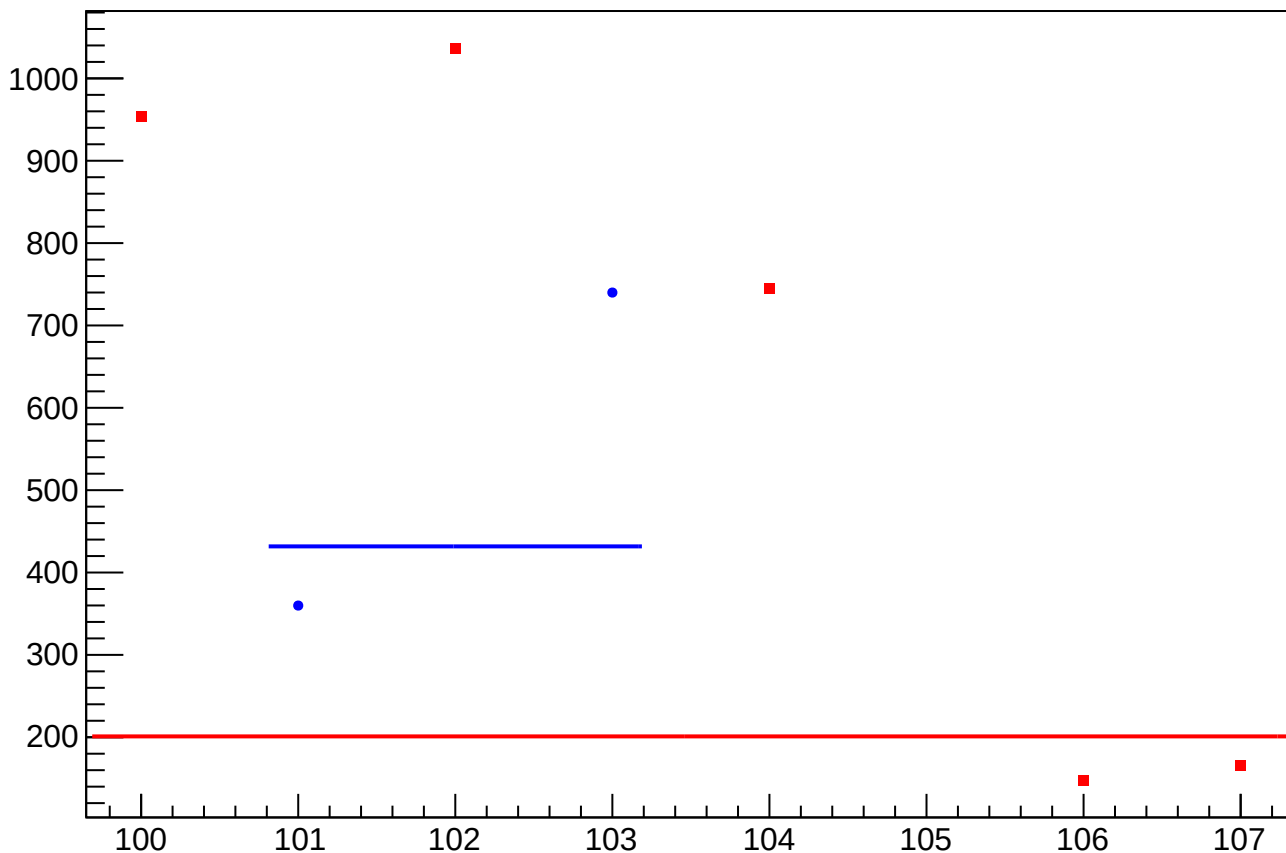
Right: 0.059+/-0.199 χ^2/NDF : 5.6/6

In: 0.399+/-0.417 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.059+/-0.199 χ^2/NDF : 5.6/6

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 431.741 $\pm$ 0.295 χ^2 /NDF: 254271.3/1

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

Right Out: 201.020 $\pm$ 0.160 χ^2 /NDF: 1165211.1/4

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

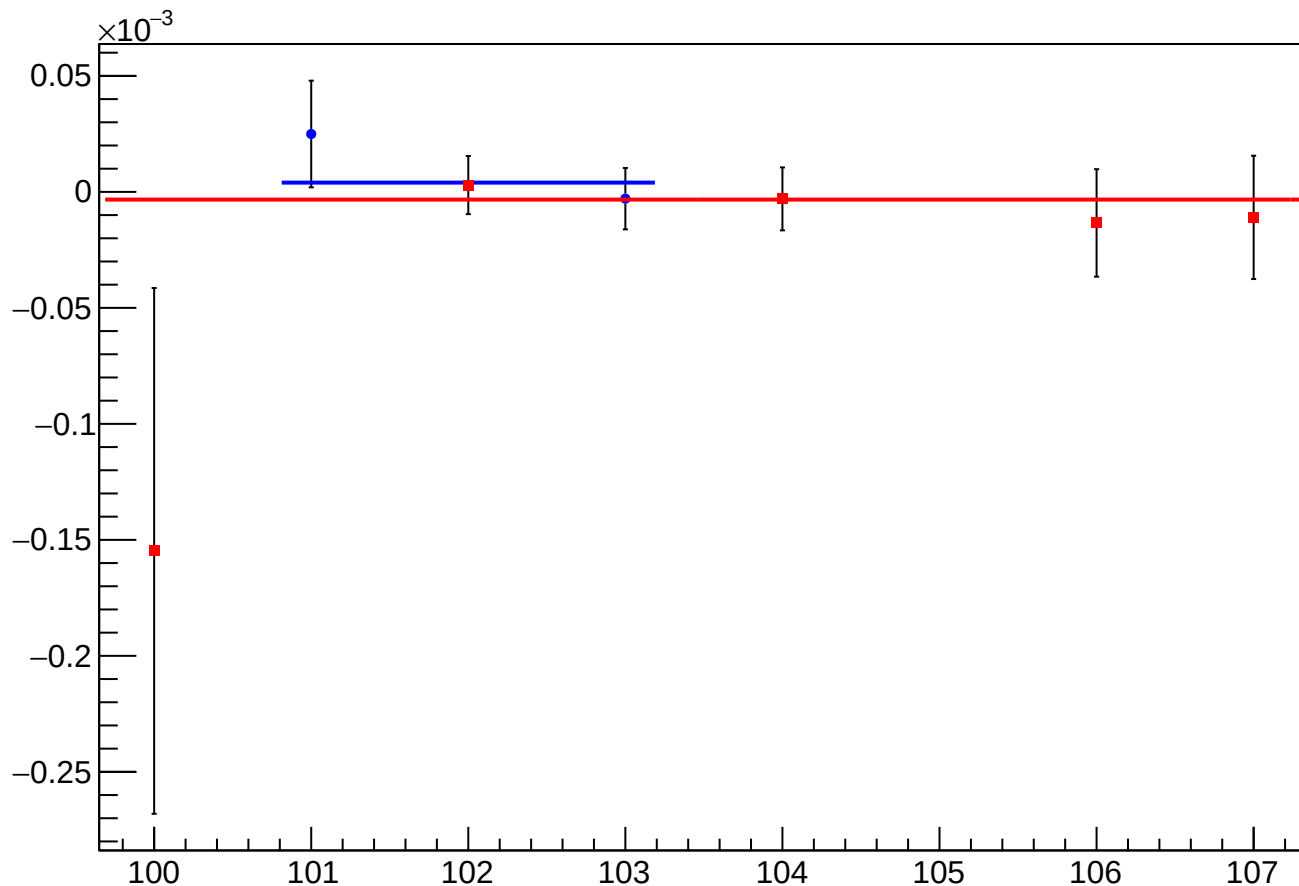
Right: 253.554 $\pm$ 0.141 χ^2 /NDF: 1891491.3/6

In: 431.741 $\pm$ 0.295 χ^2 /NDF:254271.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 253.554 $\pm$ 0.141 χ^2 /NDF: 1891491.3/6

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 : 1.1/1

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

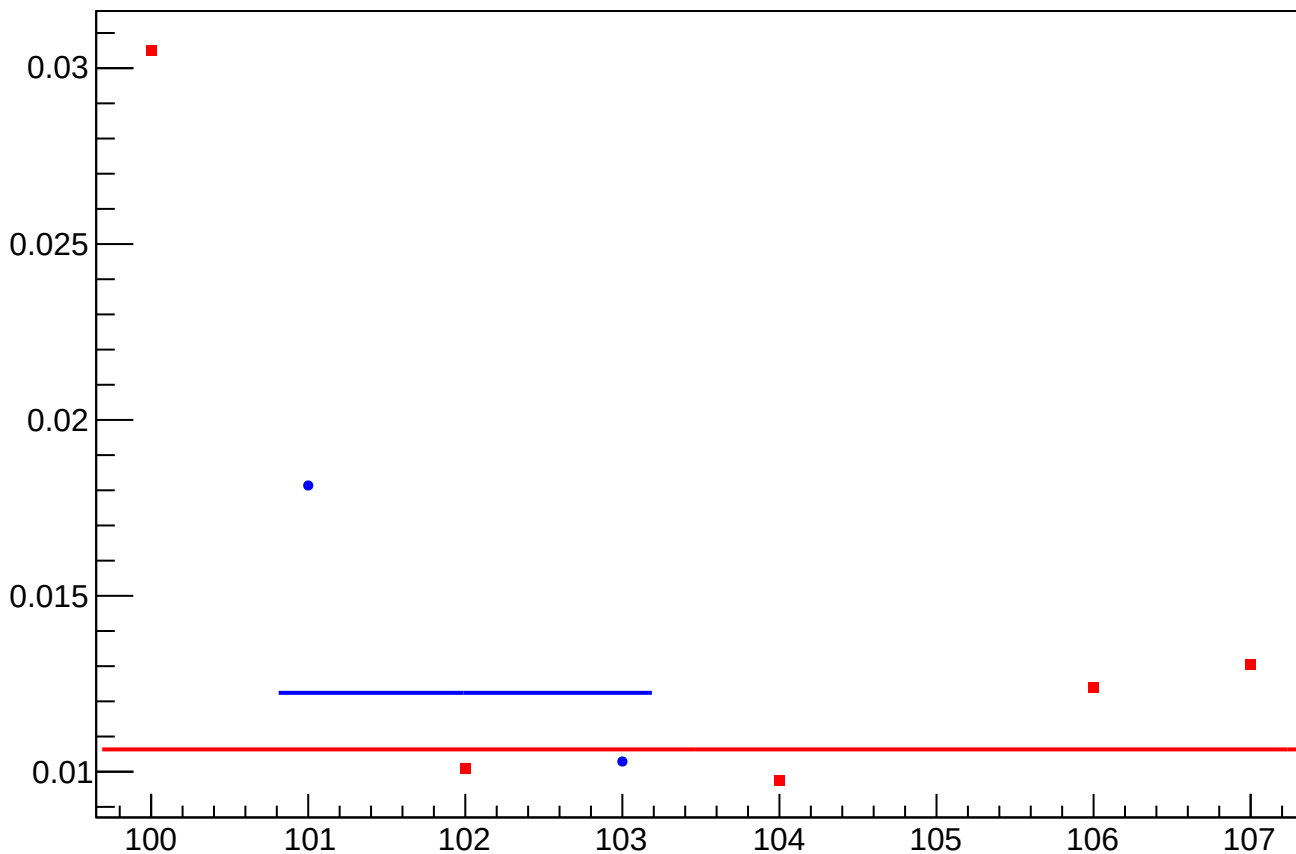
Right: -0.000+/-0.000 χ^2/NDF : 3.7/6

In: 0.000+/-0.000 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.7/6

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 175006.7/1

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

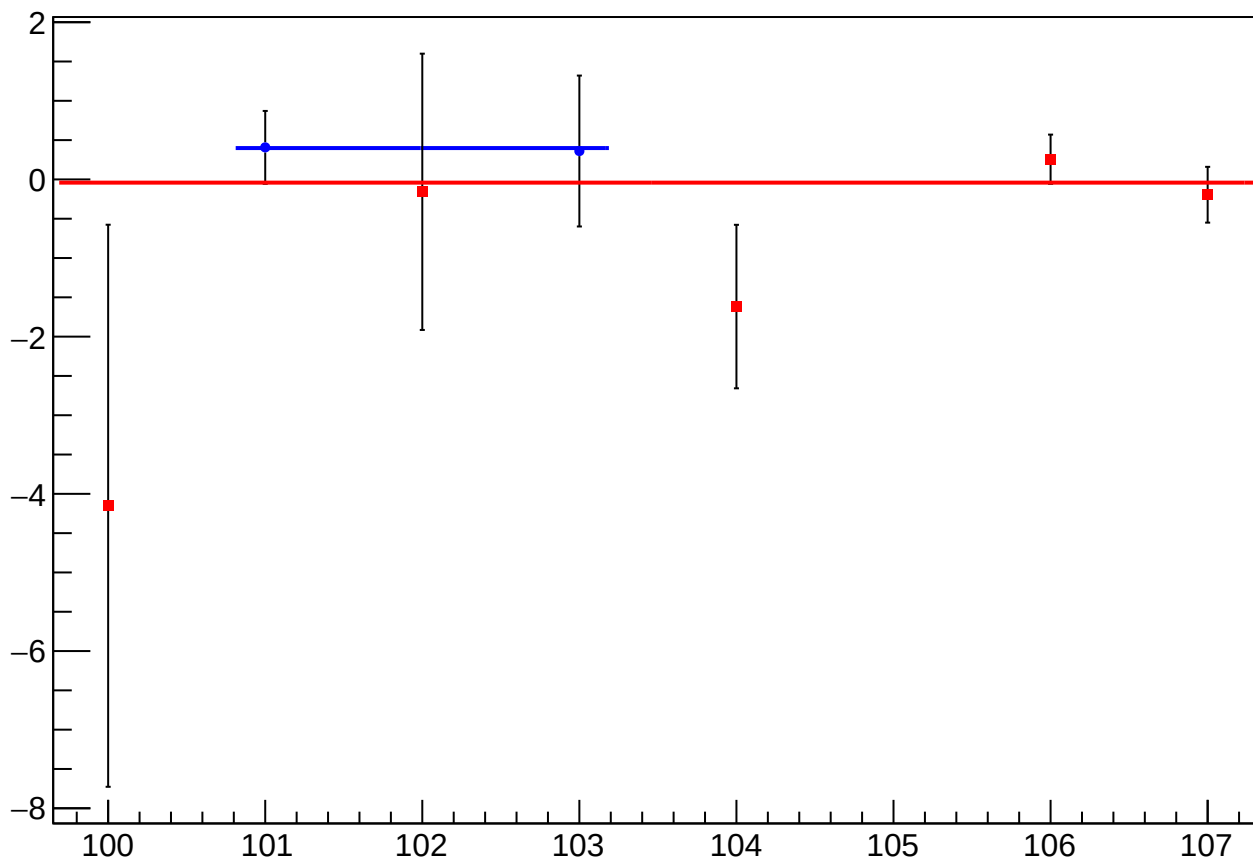
Right: 0.011+/-0.000 χ^2/NDF : 302906.0/6

In: 0.012+/-0.000 χ^2/NDF : 175006.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 302906.0/6

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.399+/-0.417 χ^2/NDF : 0.0/1

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

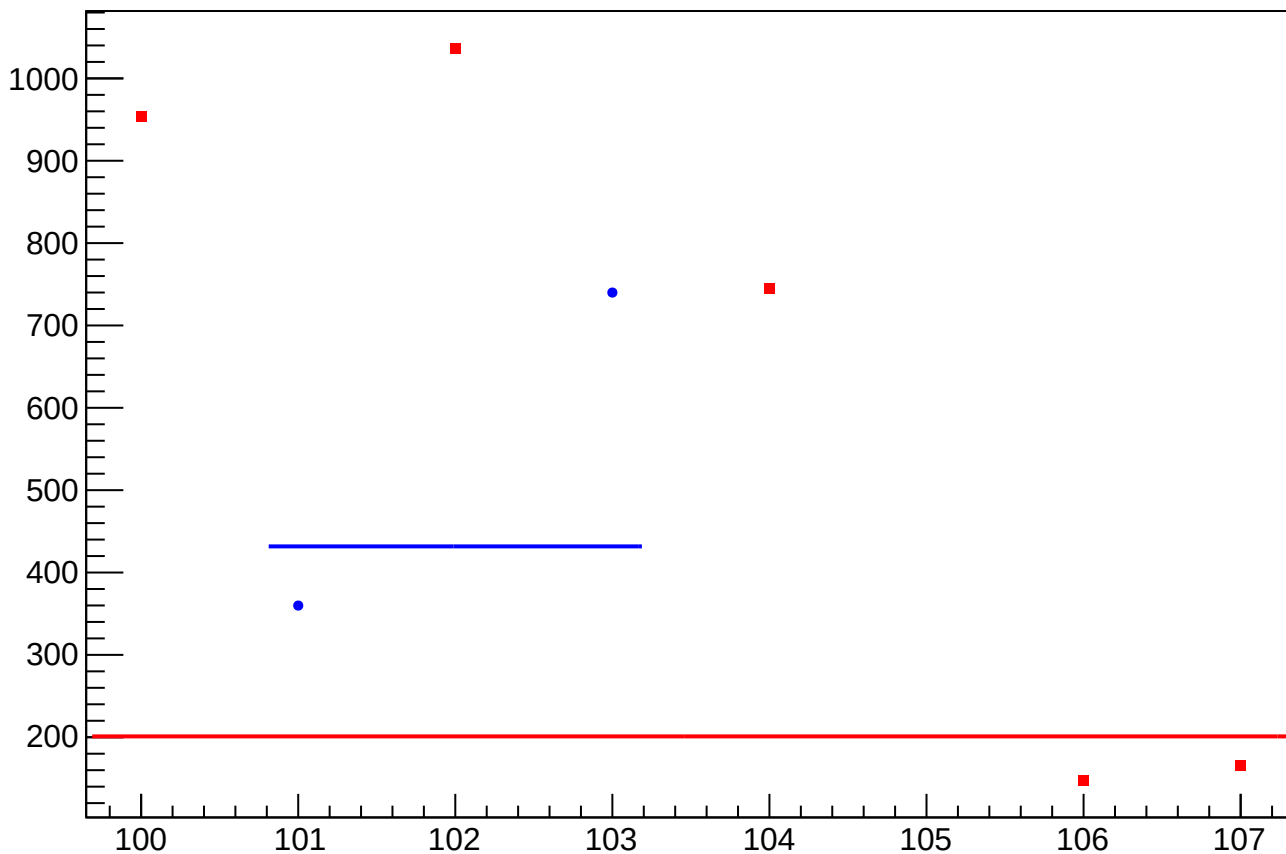
Right: 0.059+/-0.199 χ^2/NDF : 5.6/6

In: 0.399+/-0.417 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.059+/-0.199 χ^2/NDF : 5.6/6

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 431.735 $\pm$ 0.295 χ^2 /NDF: 254282.5/1

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

Right Out: 201.018 $\pm$ 0.160 χ^2 /NDF: 1165220.8/4

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

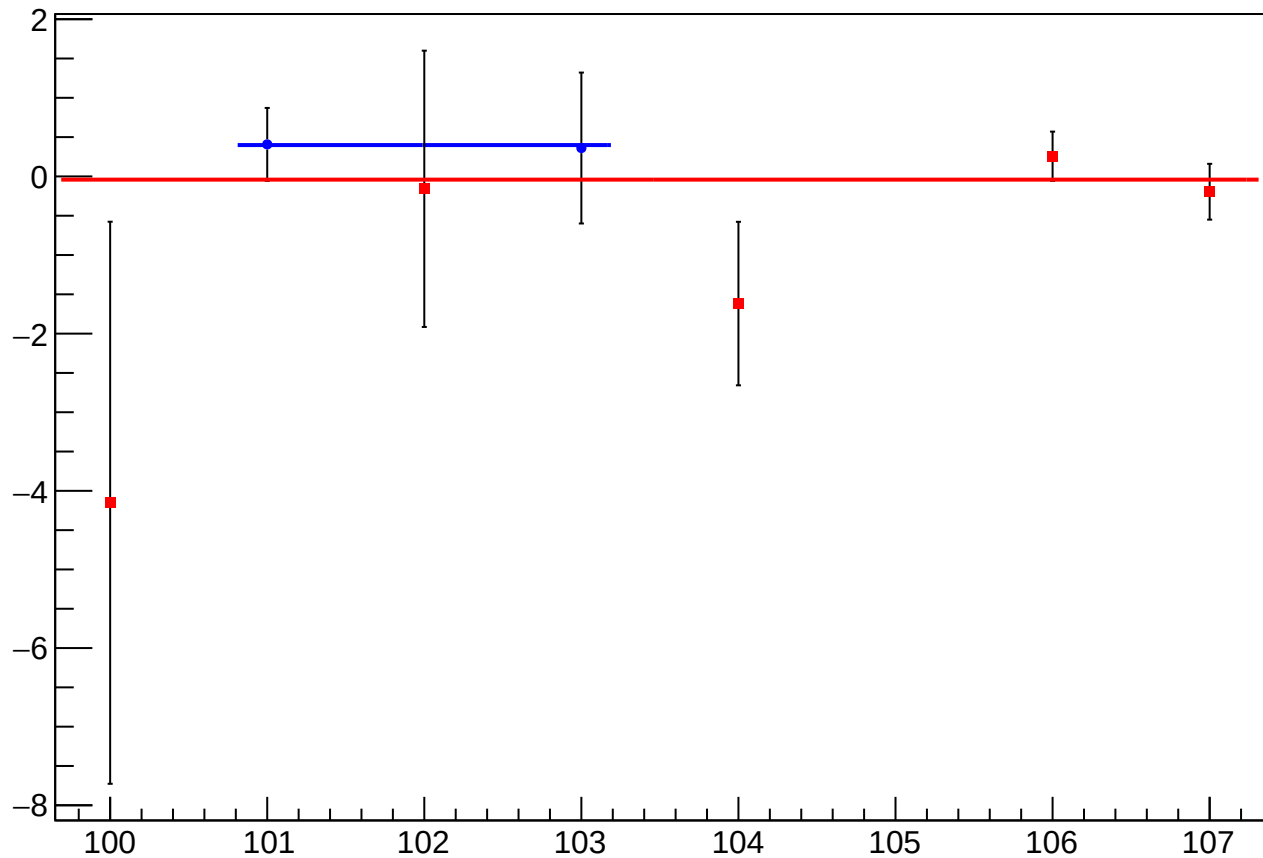
Right: 253.552 $\pm$ 0.141 χ^2 /NDF: 1891504.4/6

In: 431.735 $\pm$ 0.295 χ^2 /NDF:254282.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 253.552 $\pm$ 0.141 χ^2 /NDF: 1891504.4/6

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.399+/-0.417 χ^2/NDF : 0.0/1

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

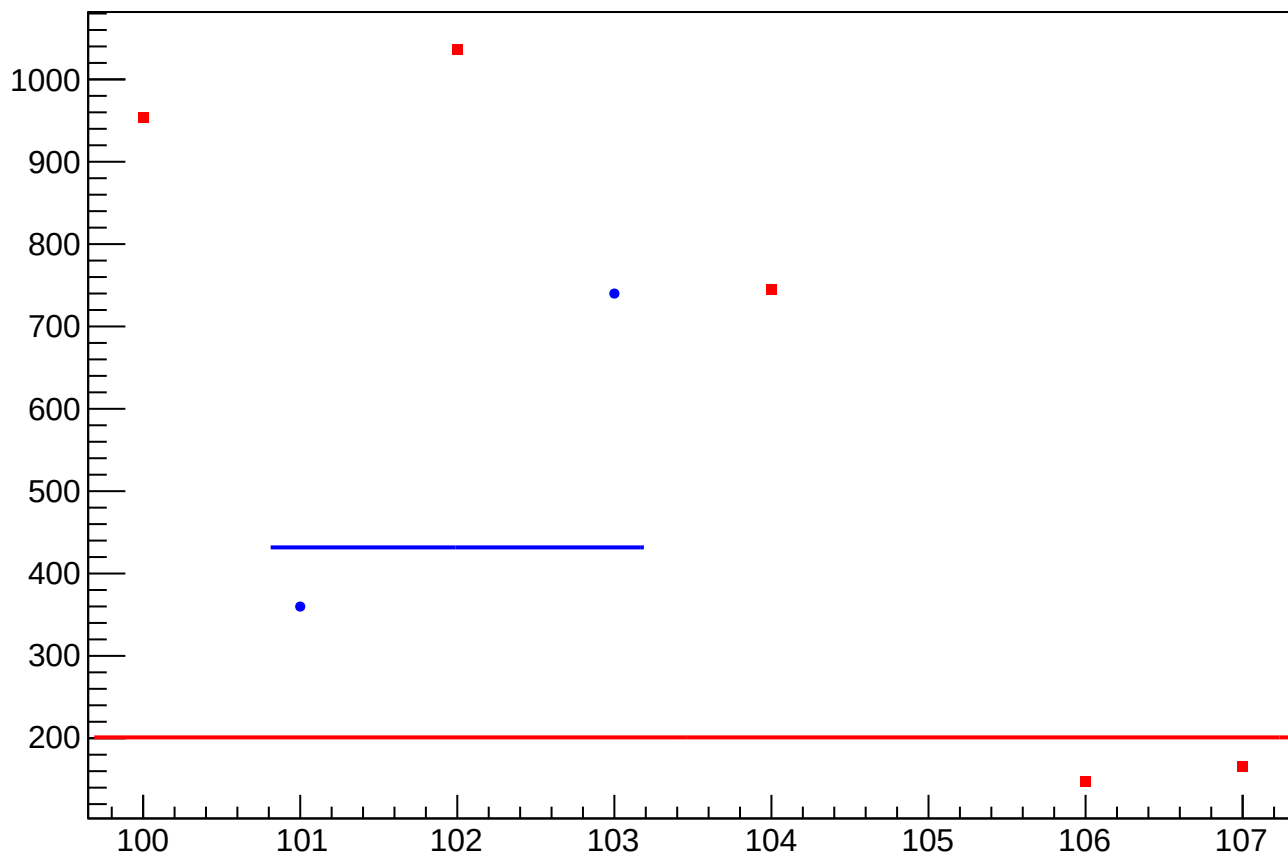
Right: 0.059+/-0.199 χ^2/NDF : 5.6/6

In: 0.399+/-0.417 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.059+/-0.199 χ^2/NDF : 5.6/6

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 431.735 $\pm$ 0.295 χ^2 /NDF: 254282.5/1

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

Right Out: 201.018 $\pm$ 0.160 χ^2 /NDF: 1165220.8/4

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

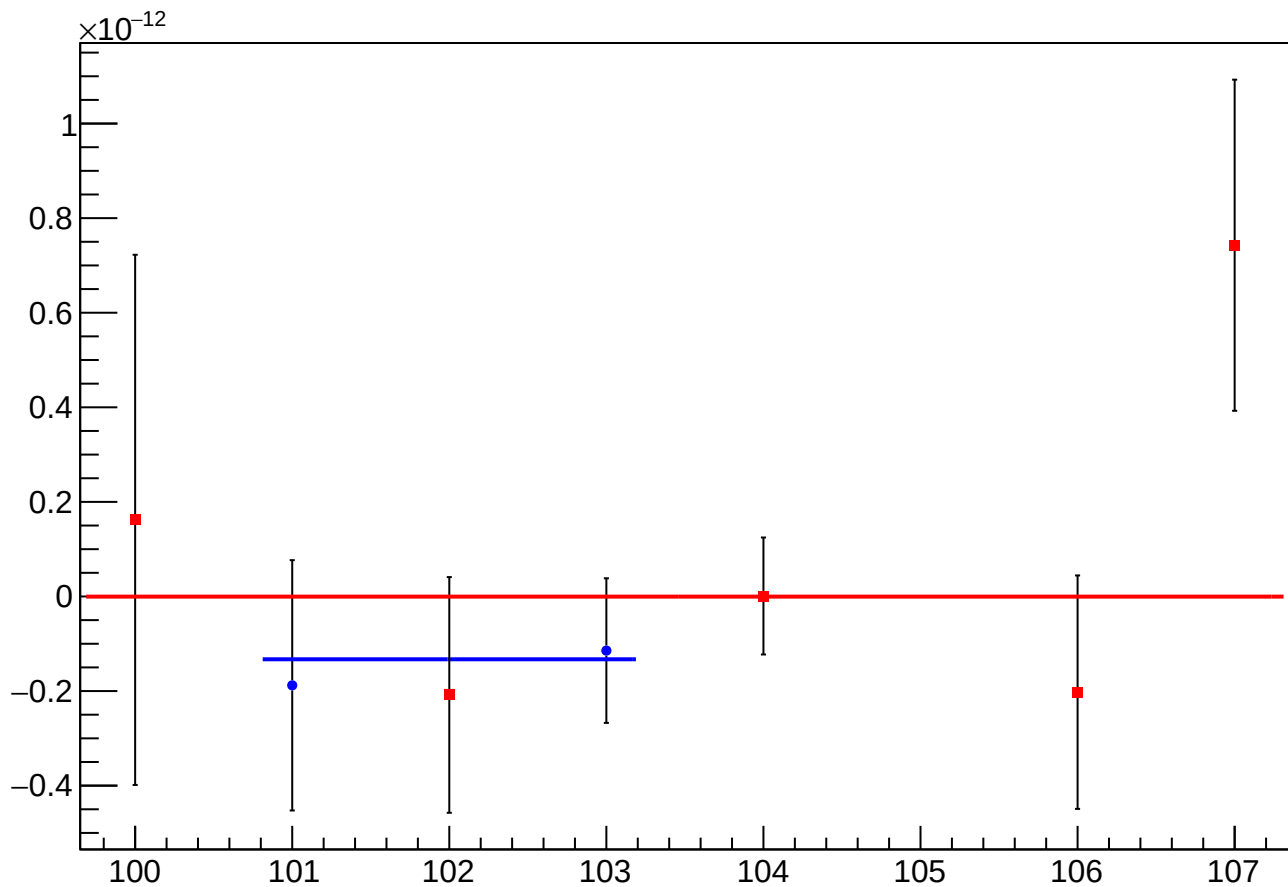
Right: 253.552 $\pm$ 0.141 χ^2 /NDF: 1891504.4/6

In: 431.735 $\pm$ 0.295 χ^2 /NDF:254282.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 253.552 $\pm$ 0.141 χ^2 /NDF: 1891504.4/6

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 : 0.1/1

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

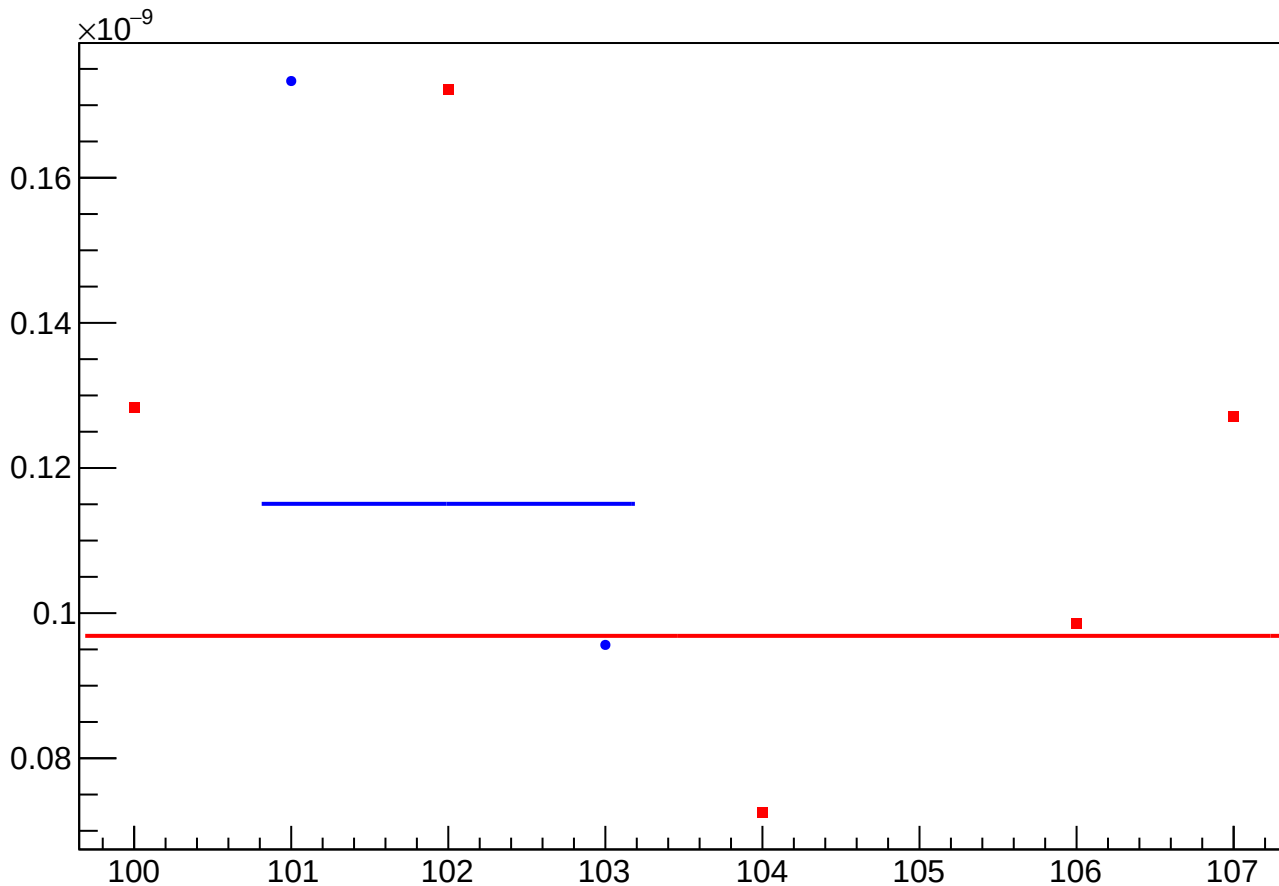
Right: -0.000+/-0.000 χ^2/NDF : 6.7/6

In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.7/6

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 : 129276.4/1

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

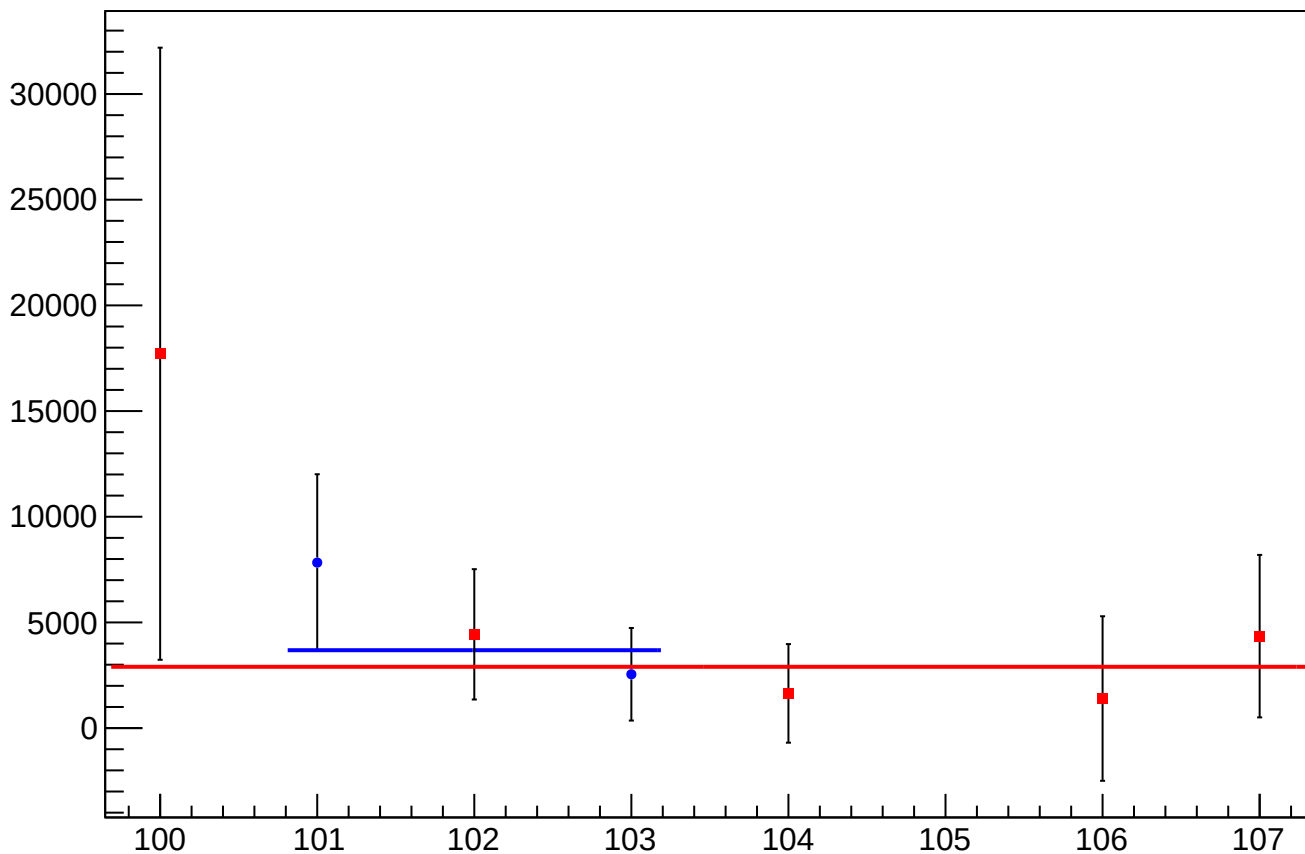
Right: 0.000+/-0.000 χ^2/NDF : 435329.0/6

In: 0.000+/-0.000 χ^2/NDF : 129276.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 435329.0/6

reg_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3685.444+/-1940.105 χ^2/NDF : 1.3/1

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

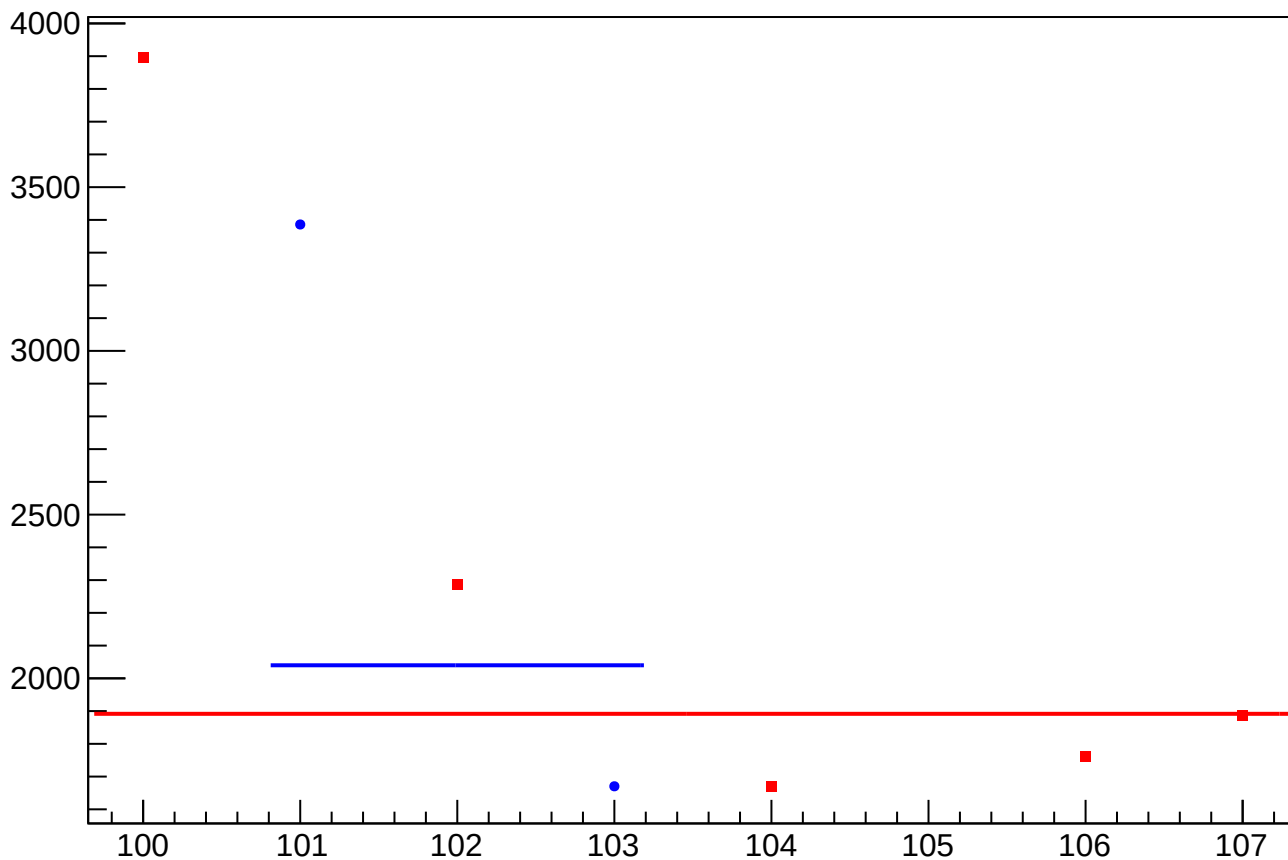
Right: 3201.555+/-1201.140 χ^2/NDF : 3.2/6

In: 3685.444+/-1940.105 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3201.555+/-1201.140 χ^2/NDF : 3.2/6

reg_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2039.882 $\pm$ 1.372 χ^2 /NDF: 264331.2/1

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

Right Out: 1891.657 $\pm$ 1.066 χ^2 /NDF: 91791.7/4

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

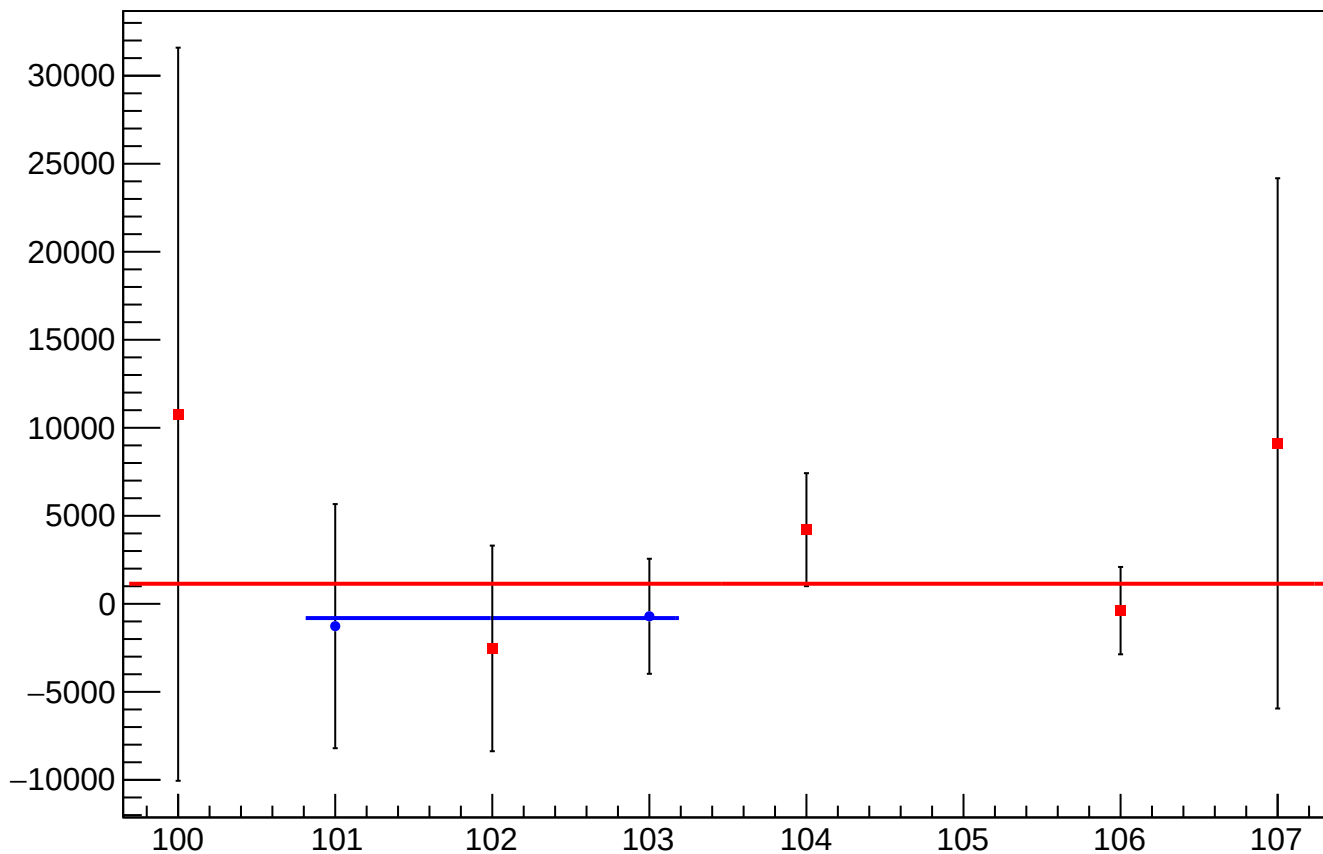
Right: 1947.458 $\pm$ 0.842 χ^2 /NDF: 363402.4/6

In: 2039.882 $\pm$ 1.372 χ^2 /NDF:264331.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1947.458 $\pm$ 0.842 χ^2 /NDF: 363402.4/6

asym_us_avg_atlr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -808.654+/-2955.925 χ^2/NDF : 0.0/1

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

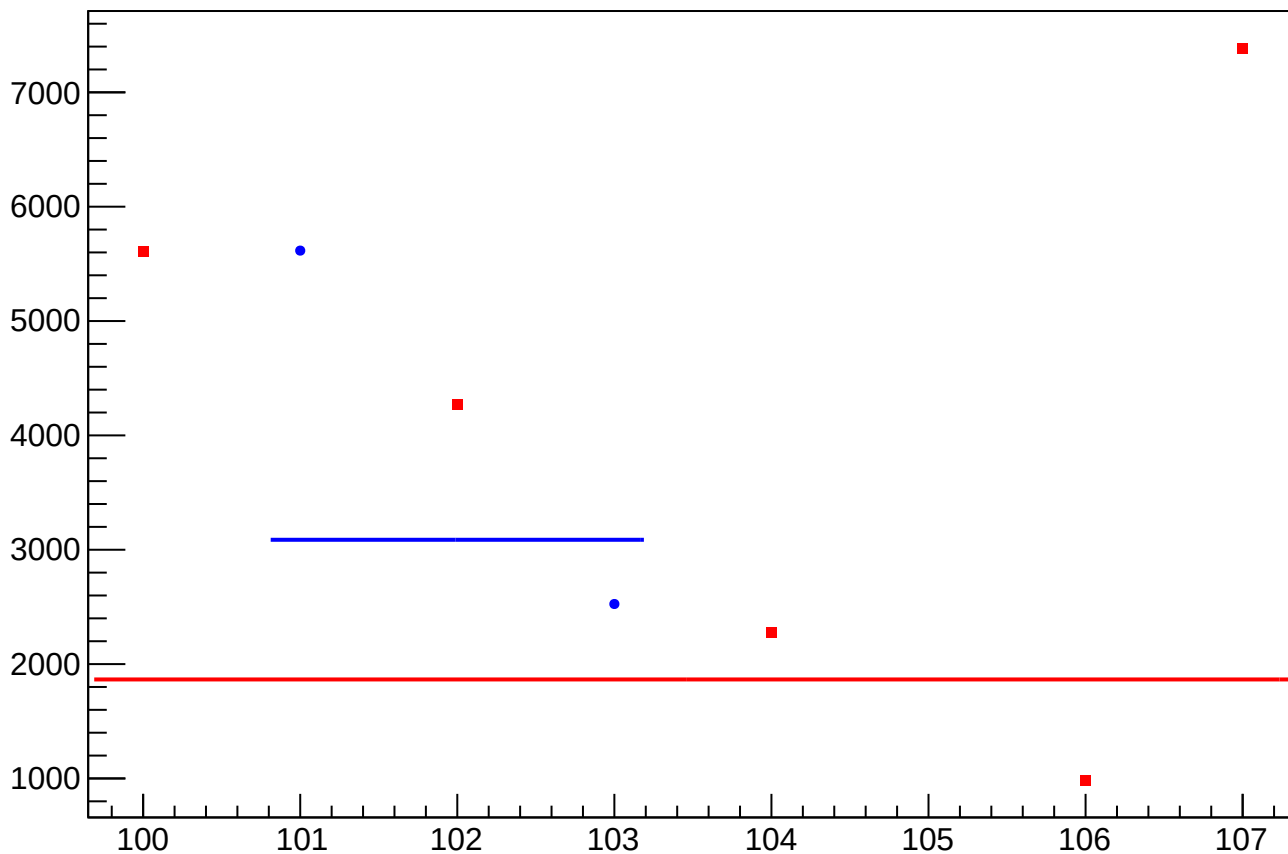
Right: 596.721+/-1561.798 χ^2/NDF : 2.5/6

In: -808.654+/-2955.925 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 596.721+/-1561.798 χ^2/NDF : 2.5/6

asym_us_avg_atlr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3087.124+/-2.090 χ^2/NDF : 325034.8/1

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

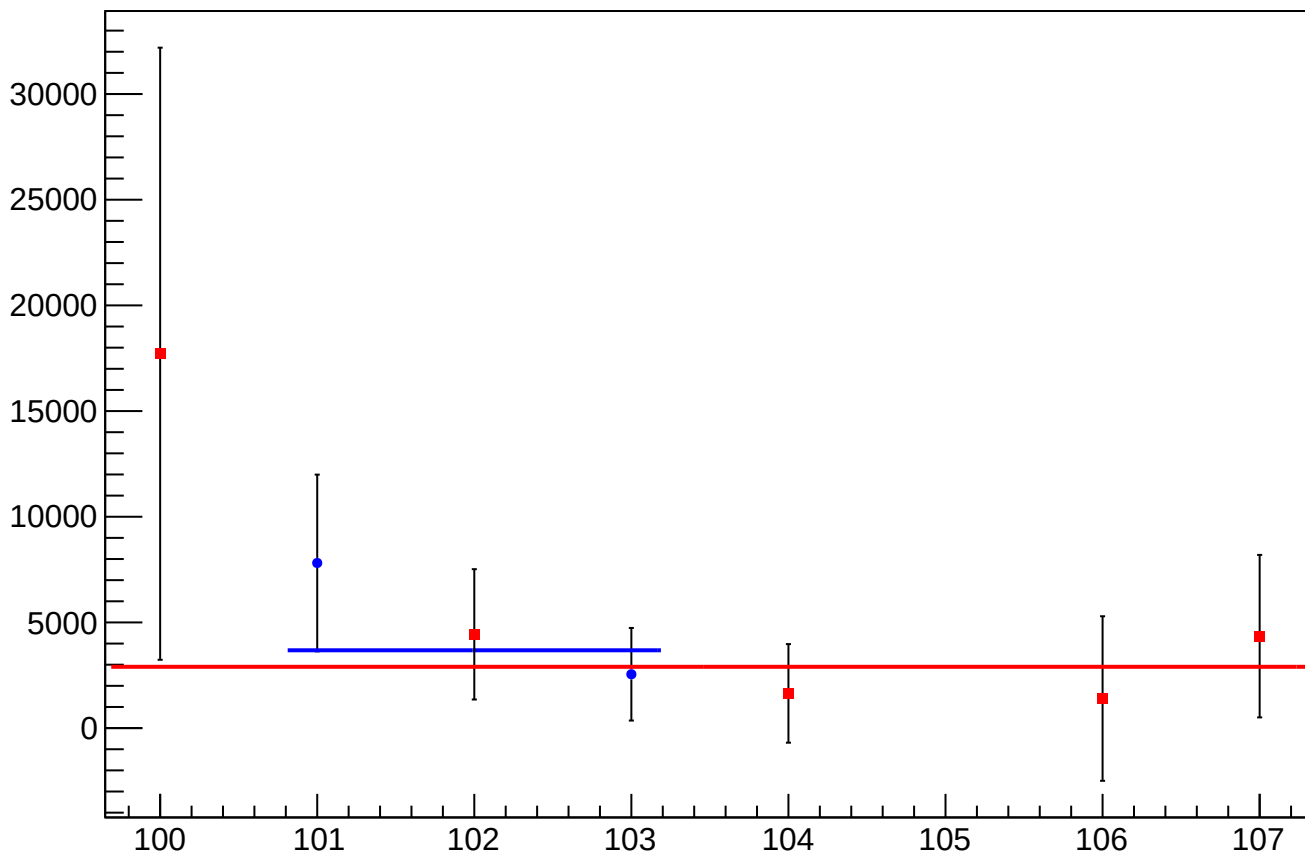
Right: 2206.708+/-1.104 χ^2/NDF : 1530223.2/6

In: 3087.124+/-2.090 χ^2/NDF : 325034.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2206.708+/-1.104 χ^2/NDF : 1530223.2/6

cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3681.833+/-1940.110 χ^2/NDF : 1.2/1

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

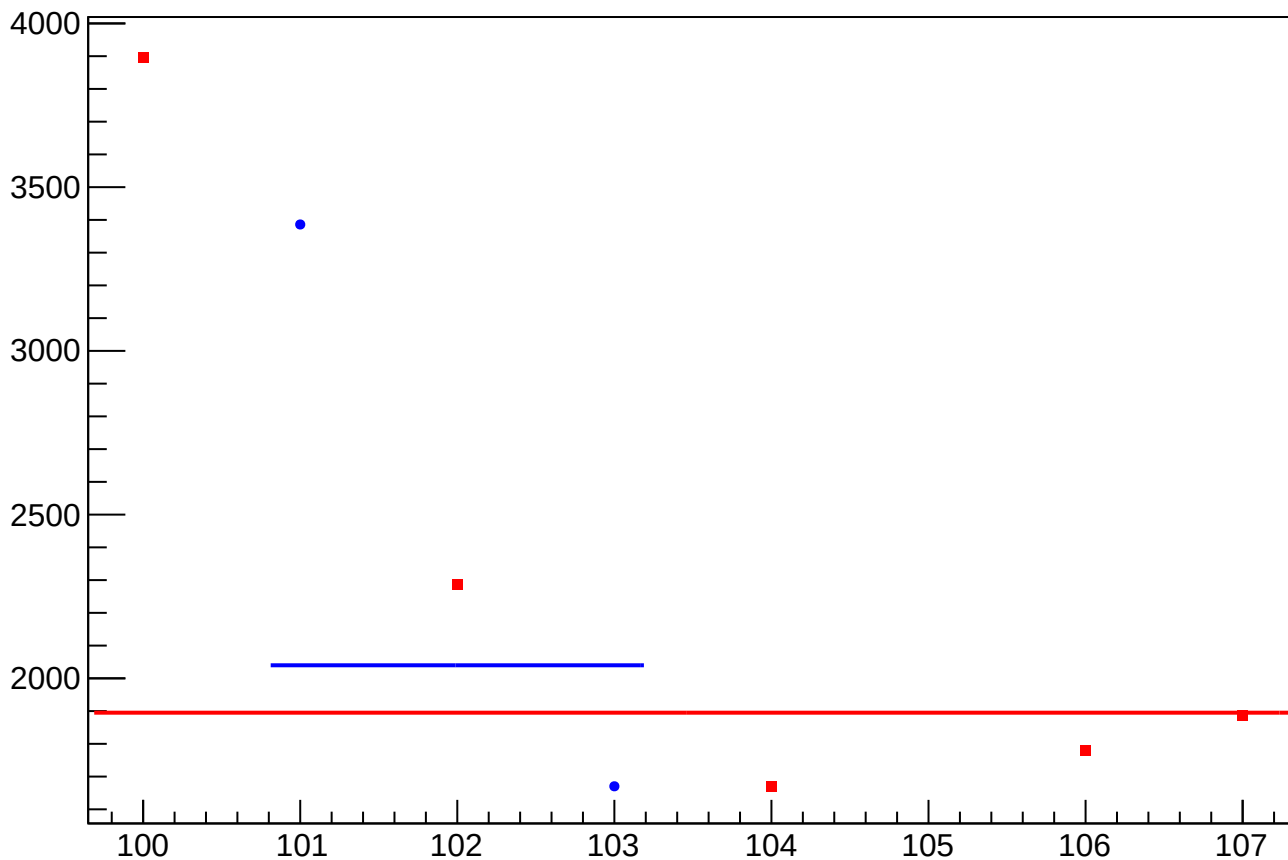
Right: 3200.055+/-1201.141 χ^2/NDF : 3.2/6

In: 3681.833+/-1940.110 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3200.055+/-1201.141 χ^2/NDF : 3.2/6

cor_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2039.882+/-1.372 χ^2/NDF : 264333.2/1

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

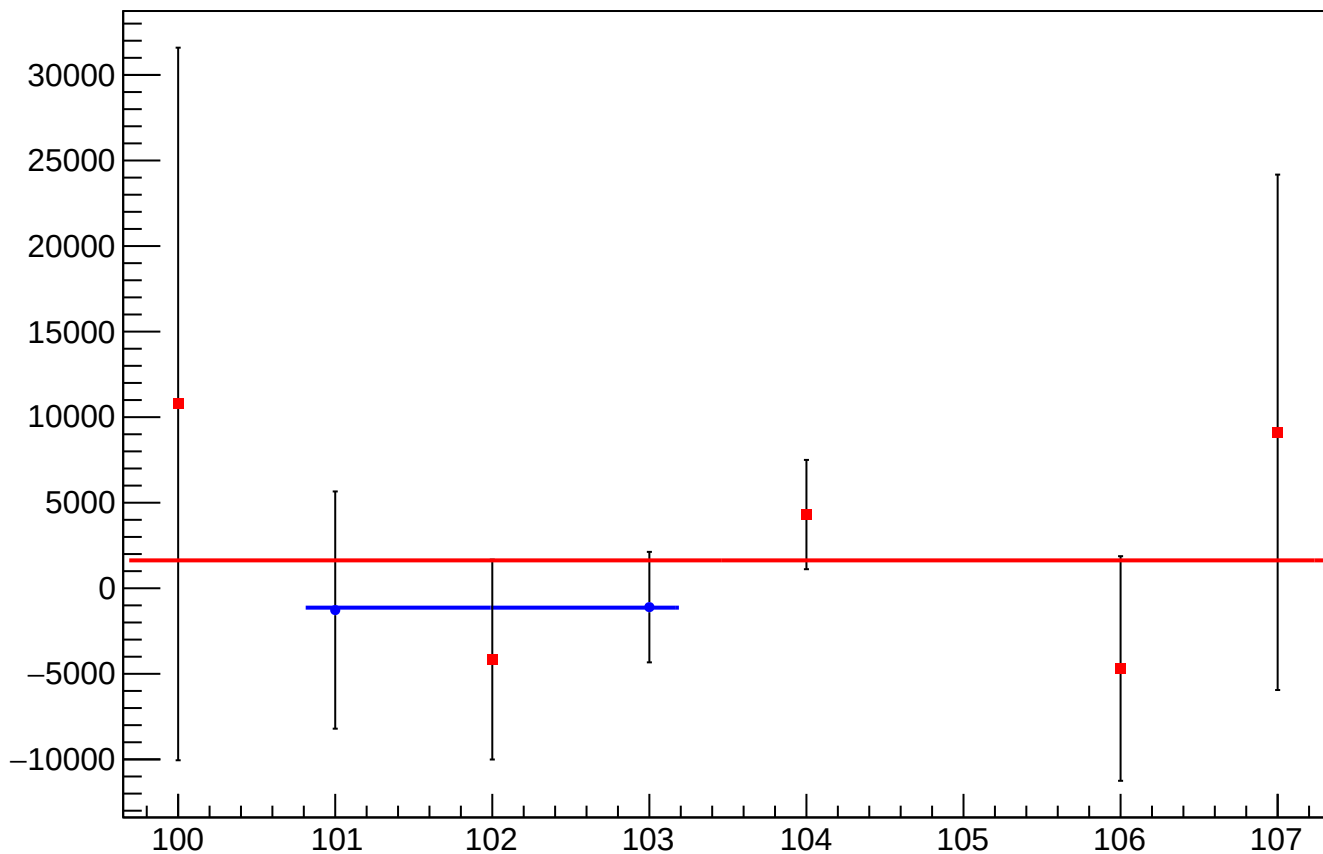
Right: 1949.719+/-0.843 χ^2/NDF : 362353.8/6

In: 2039.882+/-1.372 χ^2/NDF : 264333.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1949.719+/-0.843 χ^2/NDF : 362353.8/6

asym_us_avg_atlr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1132.488 $\pm$ 2926.555 χ^2 /NDF: 0.0/1

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

Right Out: 1630.045 $\pm$ 2521.382 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

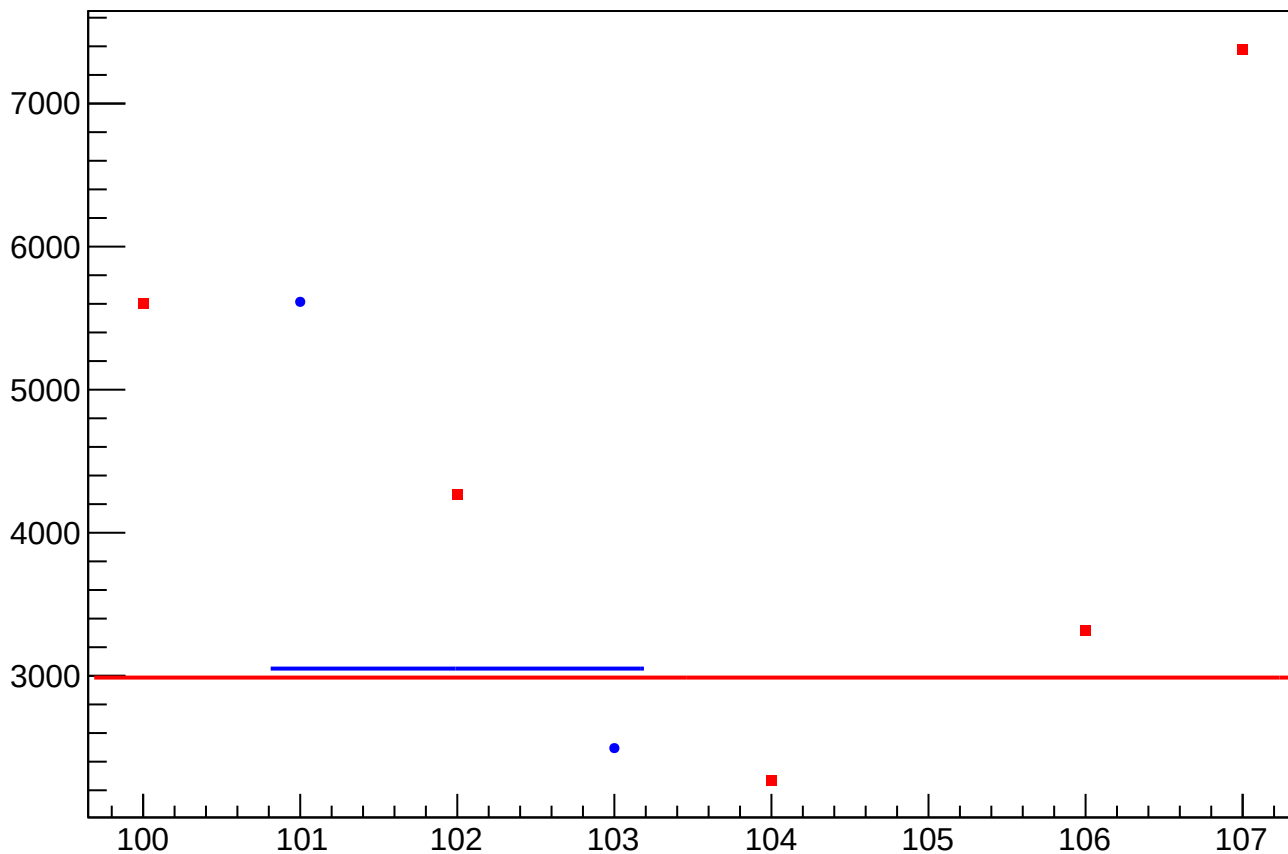
Right: 453.103 $\pm$ 1910.207 χ^2 /NDF: 3.6/6

In: -1132.488 $\pm$ 2926.555 χ^2 /NDF: 0.0/1

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

All: 453.103 $\pm$ 1910.207 χ^2 /NDF: 3.6/6

asym_us_avg_atlr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3050.659+/-2.069 χ^2/NDF : 332800.4/1

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

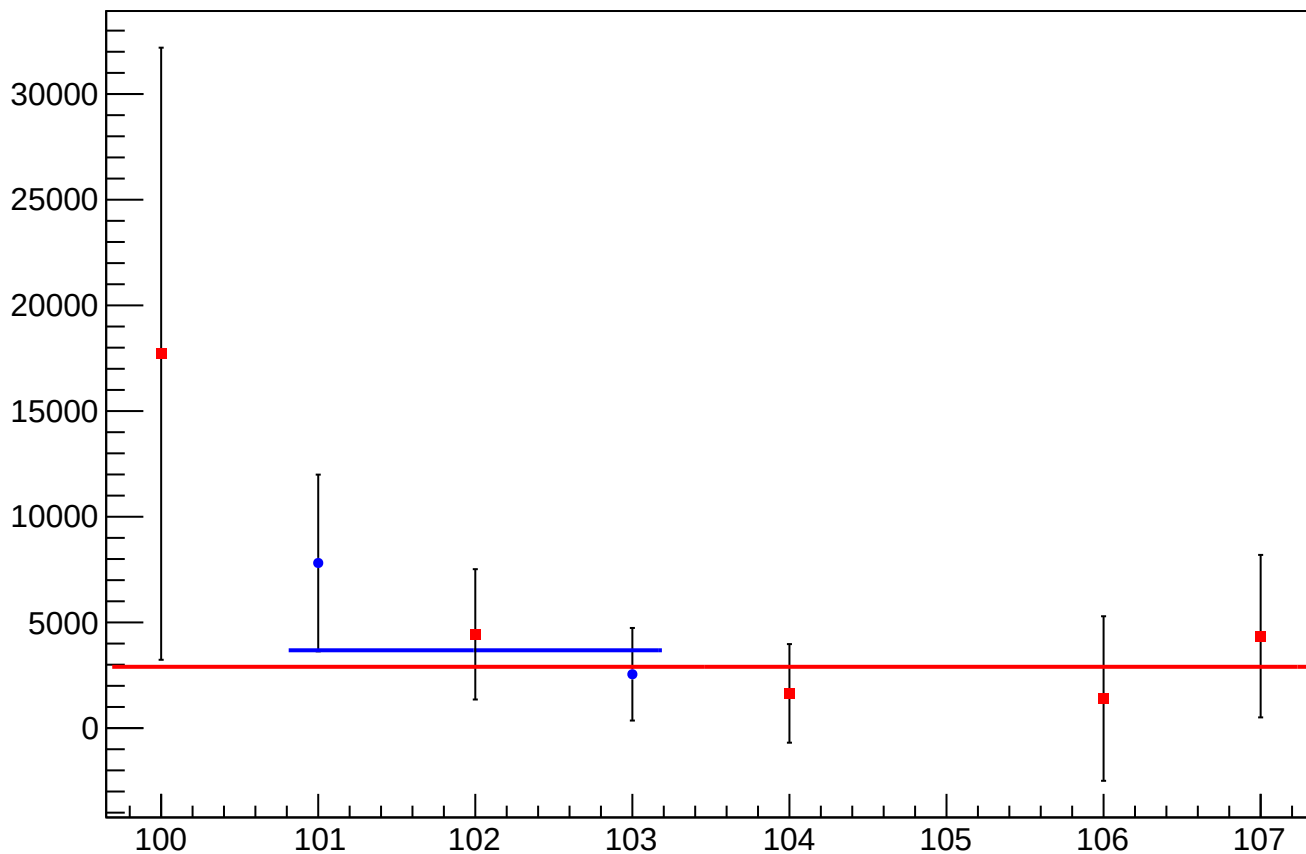
Right: 3014.577+/-1.351 χ^2/NDF : 737107.5/6

In: 3050.659+/-2.069 χ^2/NDF : 332800.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3014.577+/-1.351 χ^2/NDF : 737107.5/6

eigen_cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3681.833+/-1940.110 χ^2/NDF : 1.2/1

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

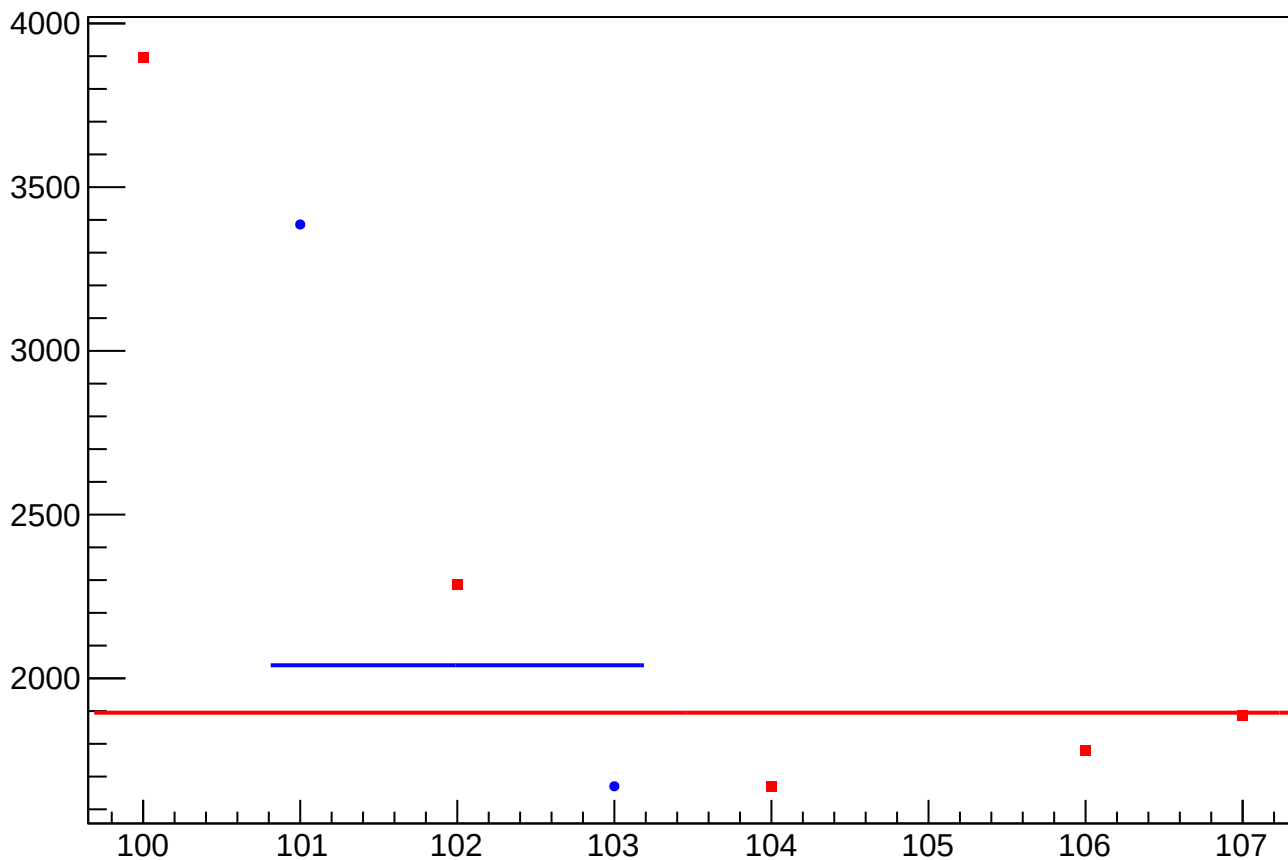
Right: 3200.055+/-1201.141 χ^2/NDF : 3.2/6

In: 3681.833+/-1940.110 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3200.055+/-1201.141 χ^2/NDF : 3.2/6

eigen_cor_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2039.882+/-1.372 χ^2/NDF : 264333.2/1

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

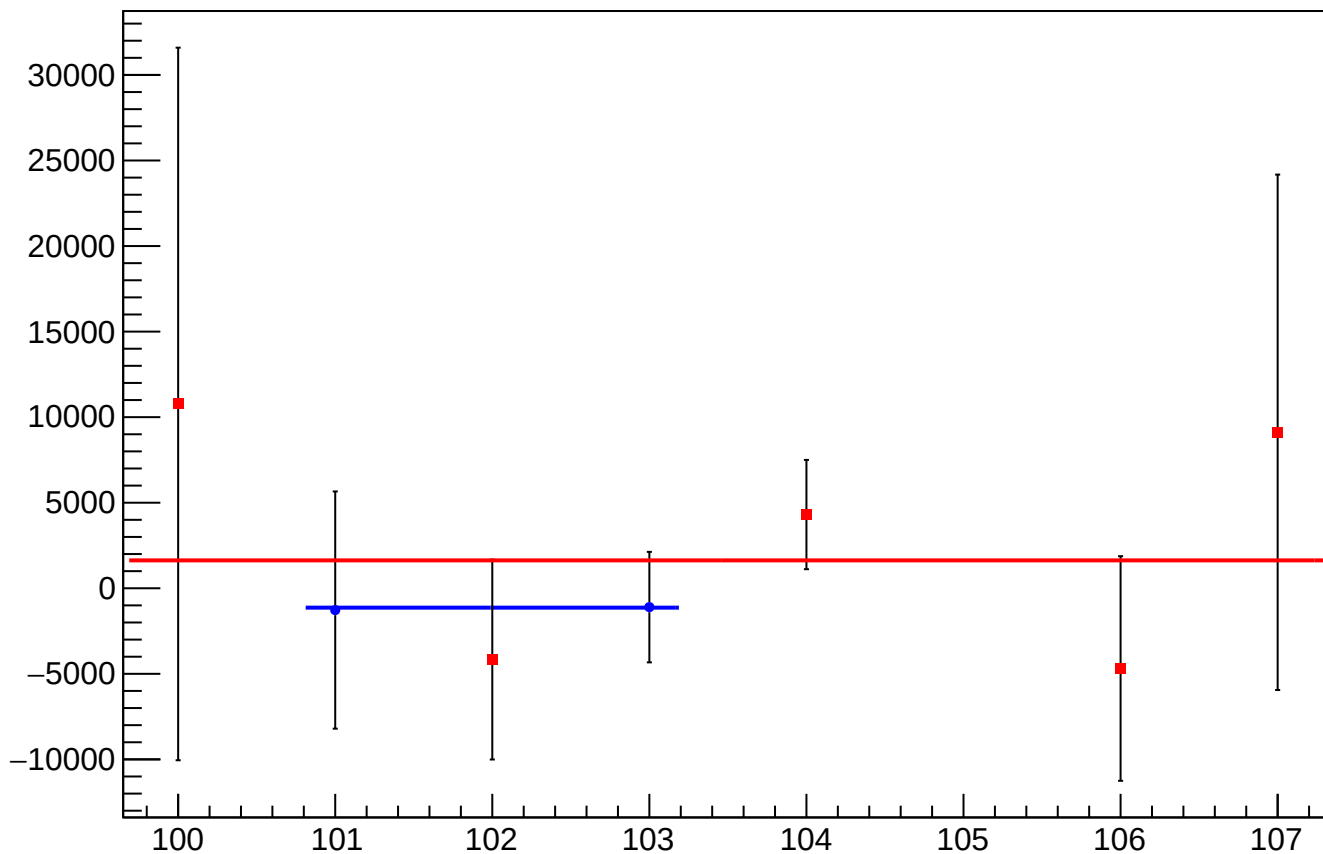
Right: 1949.719+/-0.843 χ^2/NDF : 362353.8/6

In: 2039.882+/-1.372 χ^2/NDF : 264333.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1949.719+/-0.843 χ^2/NDF : 362353.8/6

asym_us_avg_atlr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1132.488 $\pm$ 2926.555 χ^2 /NDF: 0.0/1

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

Right Out: 1630.045 $\pm$ 2521.382 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

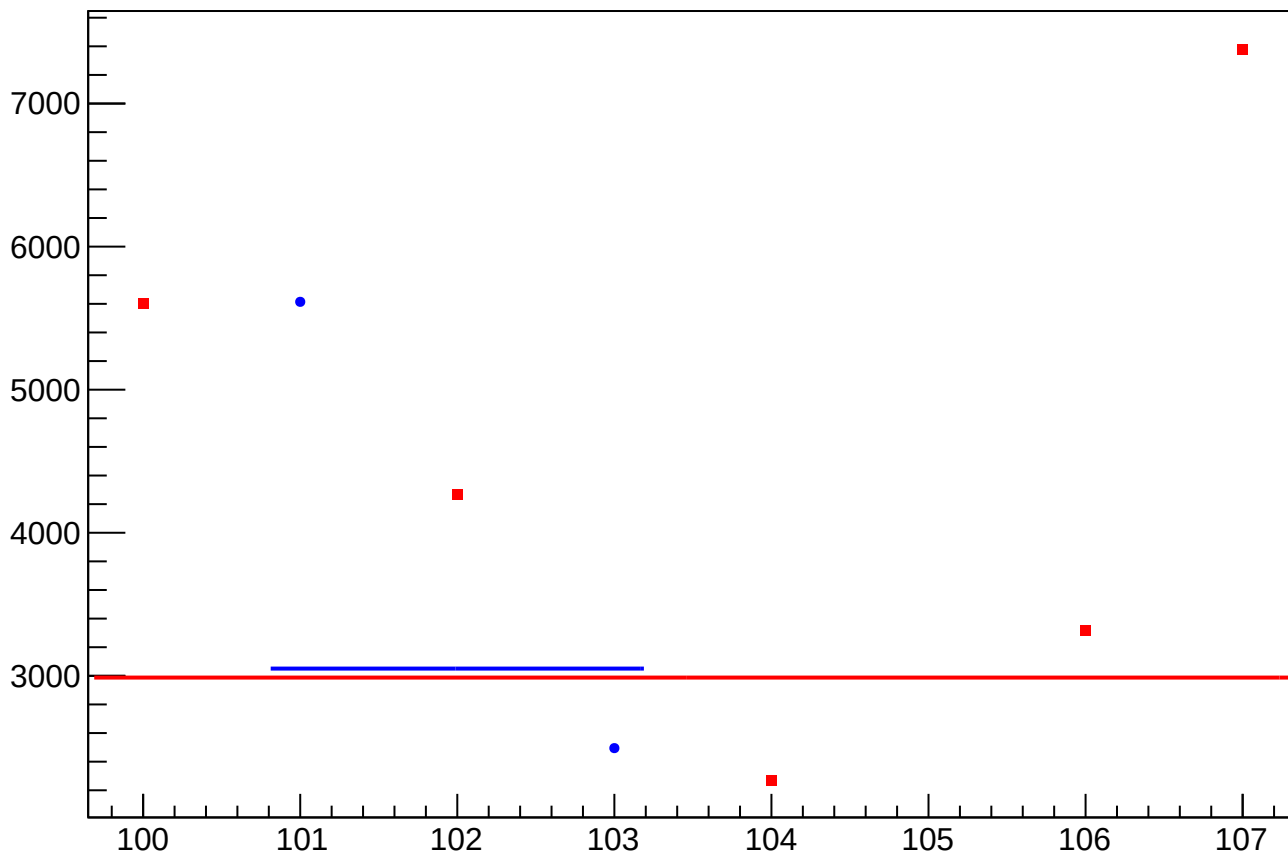
Right: 453.103 $\pm$ 1910.207 χ^2 /NDF: 3.6/6

In: -1132.488 $\pm$ 2926.555 χ^2 /NDF: 0.0/1

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

All: 453.103 $\pm$ 1910.207 χ^2 /NDF: 3.6/6

asym_us_avg_atlr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3050.659+/-2.069 χ^2/NDF : 332800.4/1

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

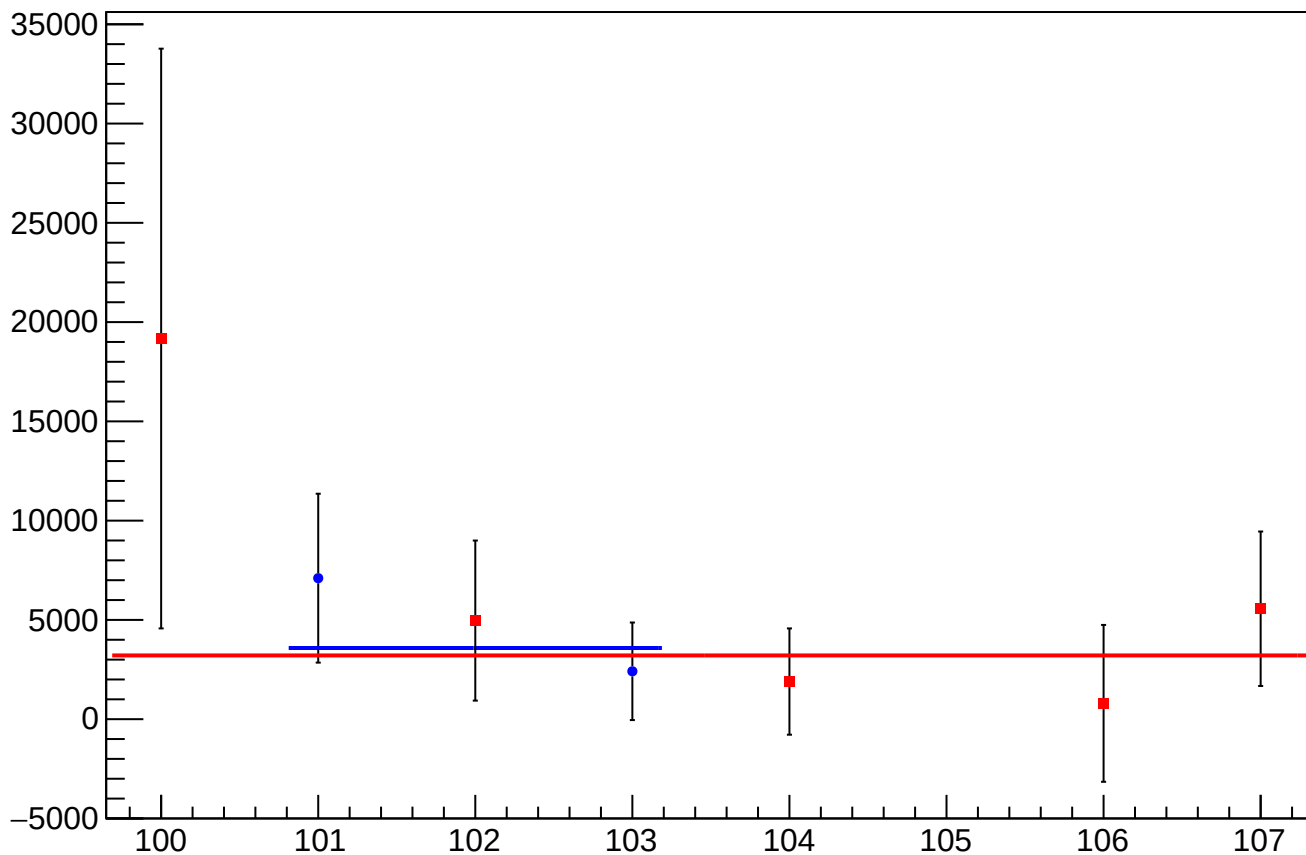
Right: 3014.577+/-1.351 χ^2/NDF : 737107.5/6

In: 3050.659+/-2.069 χ^2/NDF : 332800.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3014.577+/-1.351 χ^2/NDF : 737107.5/6

dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3585.317+/-2127.242 χ^2/NDF : 0.9/1

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

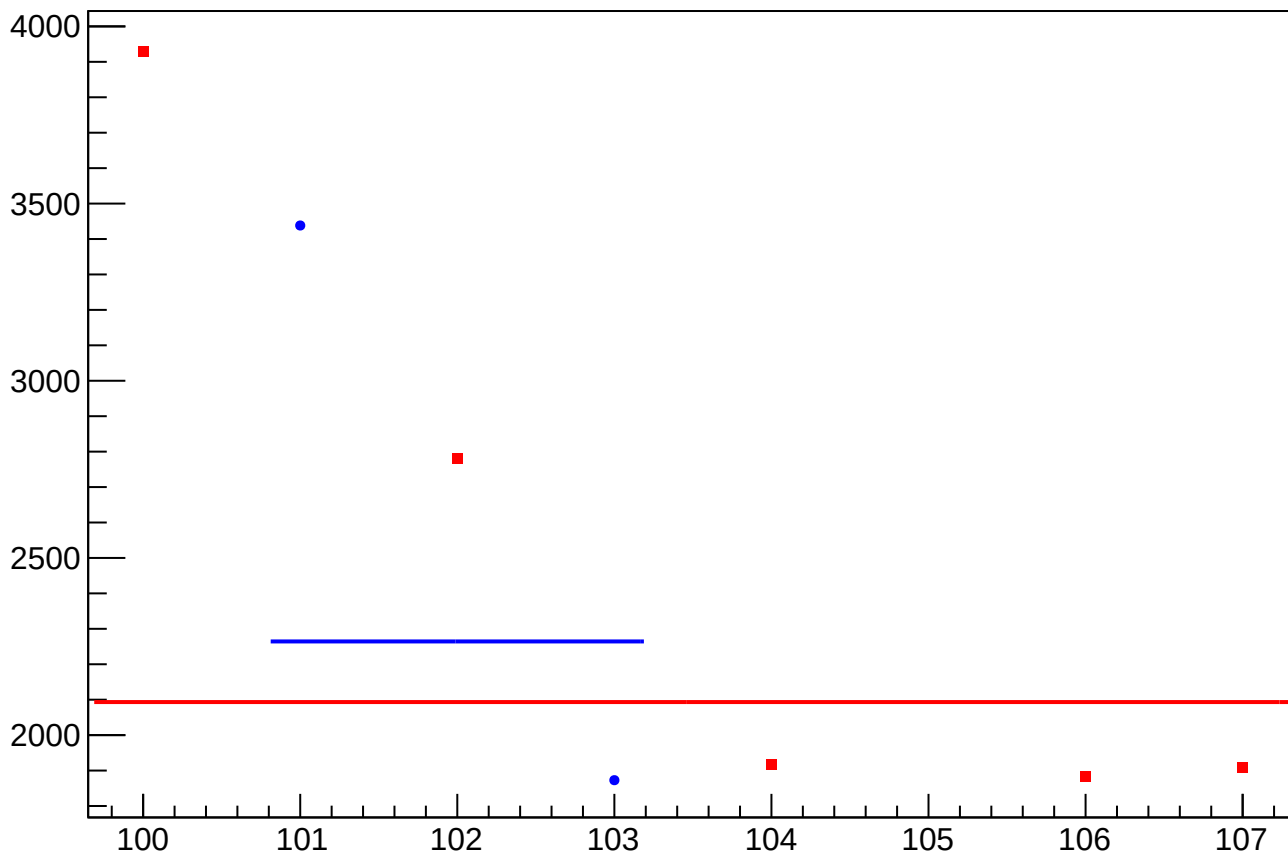
Right: 3359.318+/-1339.942 χ^2/NDF : 3.3/6

In: 3585.317+/-2127.242 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3359.318+/-1339.942 χ^2/NDF : 3.3/6

dit_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2264.373+/-1.504 χ^2/NDF : 203125.5/1

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

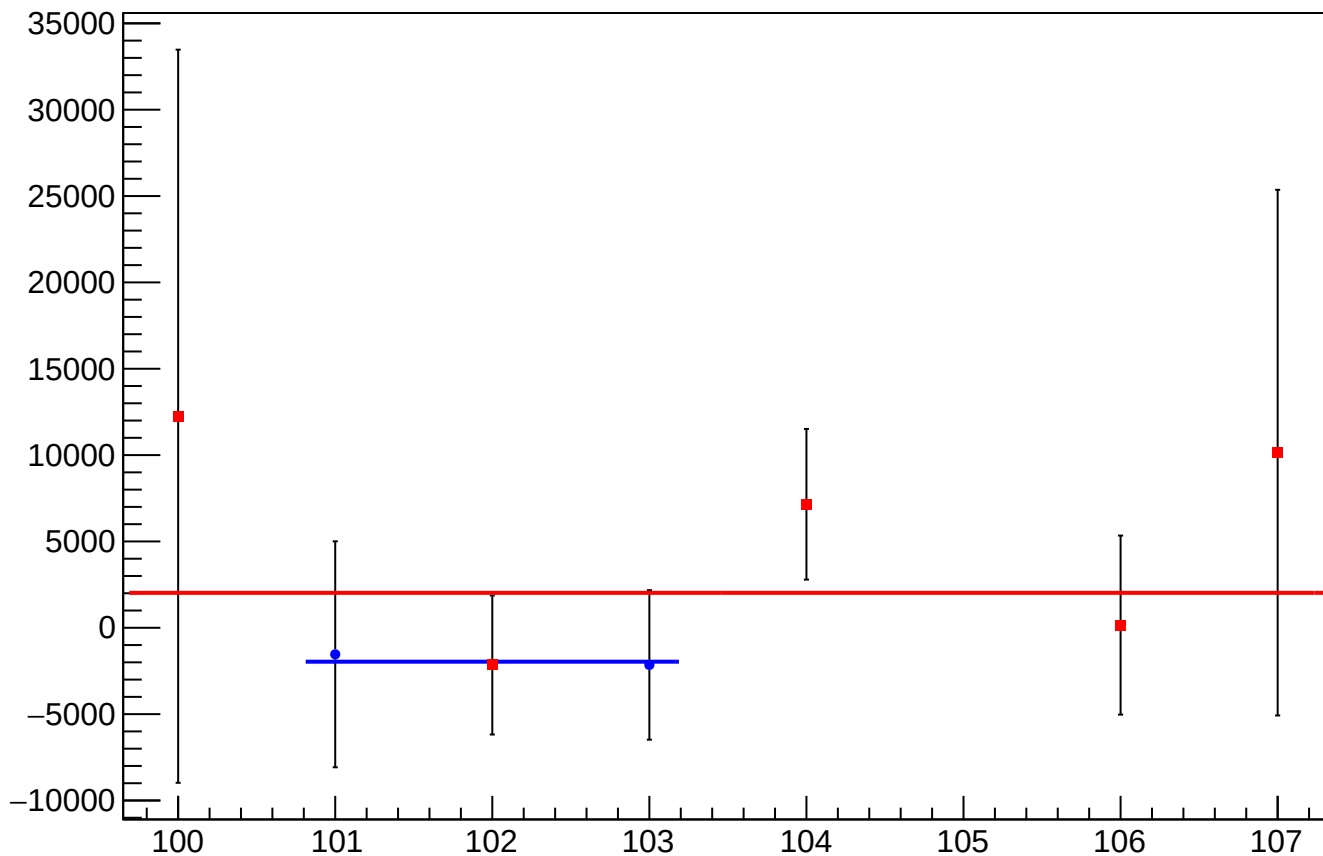
Right: 2160.675+/-0.944 χ^2/NDF : 319846.0/6

In: 2264.373+/-1.504 χ^2/NDF : 203125.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2160.675+/-0.944 χ^2/NDF : 319846.0/6

asym_us_avg_atlr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1962.784 $\pm$ 3610.242 χ^2 /NDF: 0.0/1

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

Right Out: 2023.851 $\pm$ 2515.710 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

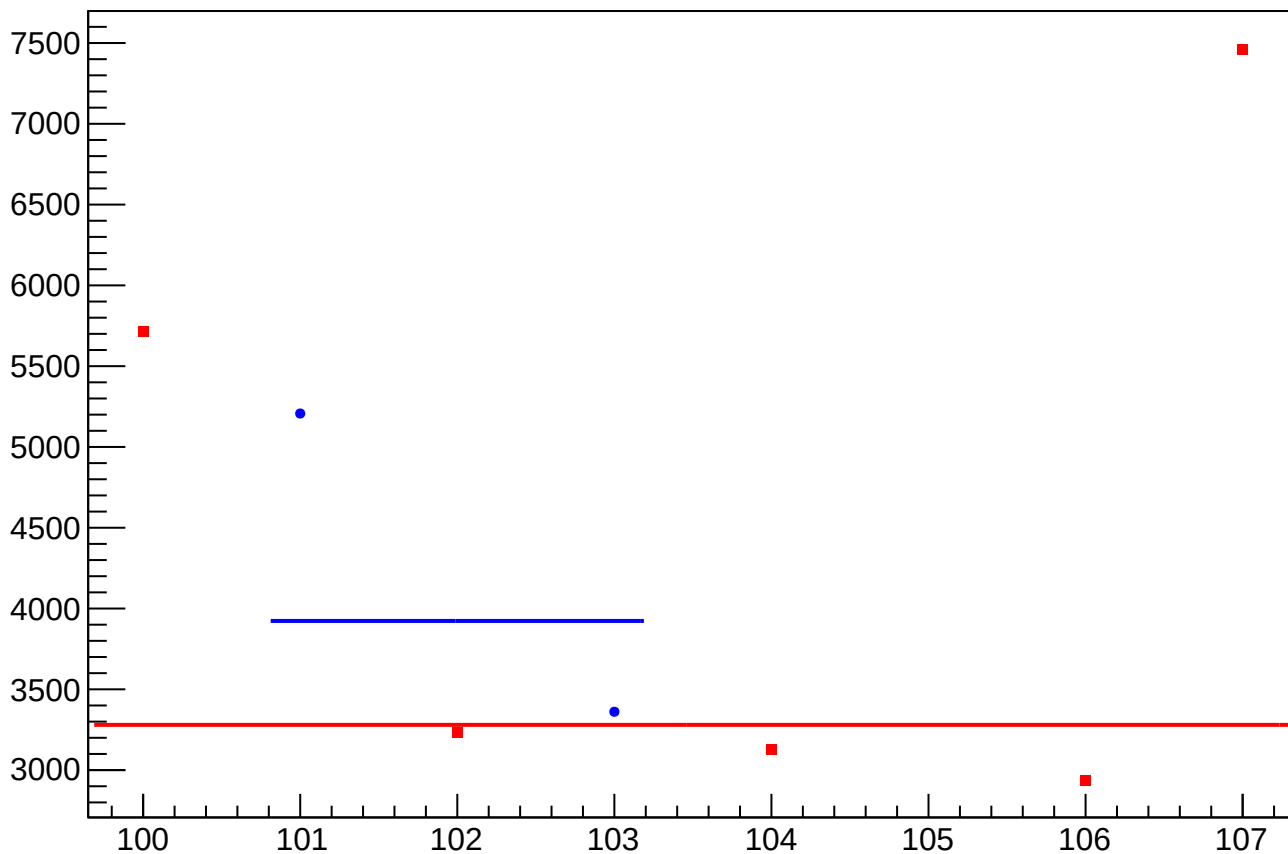
Right: 720.795 $\pm$ 2064.023 χ^2 /NDF: 3.9/6

In: -1962.784 $\pm$ 3610.242 χ^2 /NDF: 0.0/1

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

All: 720.795 $\pm$ 2064.023 χ^2 /NDF: 3.9/6

asym_us_avg_atlr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3923.224+/-2.553 χ^2/NDF : 110712.0/1

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

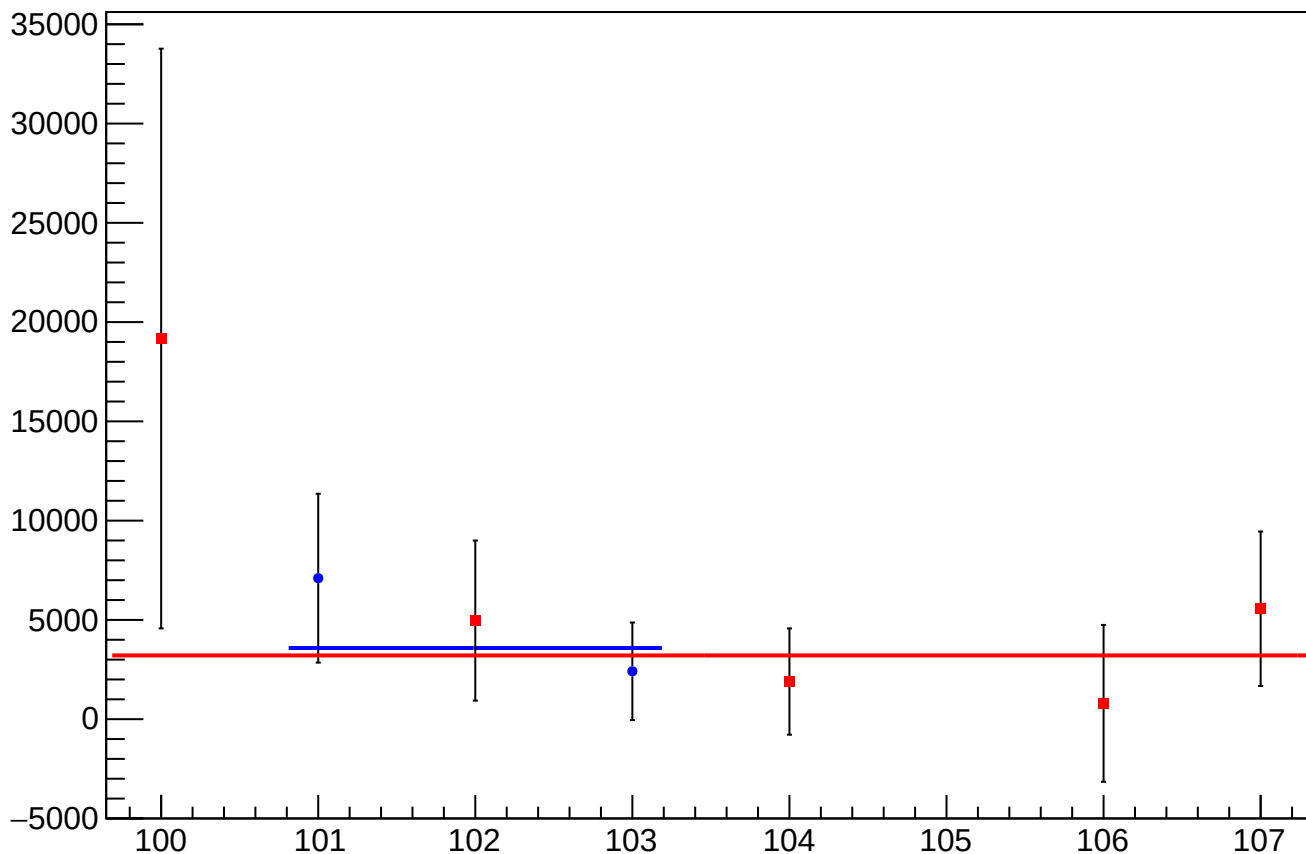
Right: 3490.248+/-1.459 χ^2/NDF : 341986.7/6

In: 3923.224+/-2.553 χ^2/NDF : 110712.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3490.248+/-1.459 χ^2/NDF : 341986.7/6

eigen_dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3585.303+/-2127.239 χ^2/NDF : 0.9/1

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

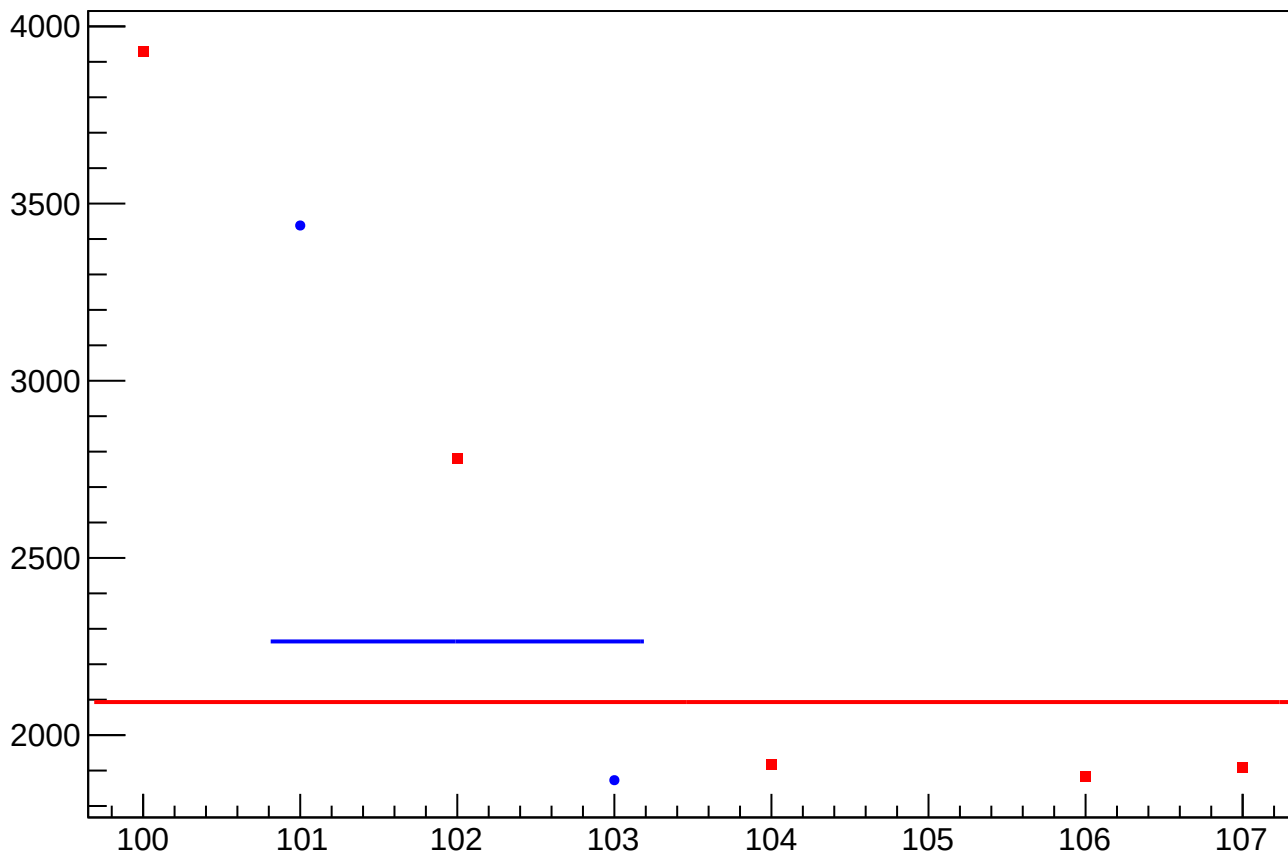
Right: 3359.302+/-1339.940 χ^2/NDF : 3.3/6

In: 3585.303+/-2127.239 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3359.302+/-1339.940 χ^2/NDF : 3.3/6

eigen_dit_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2264.369+/-1.504 χ^2/NDF : 203126.6/1

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

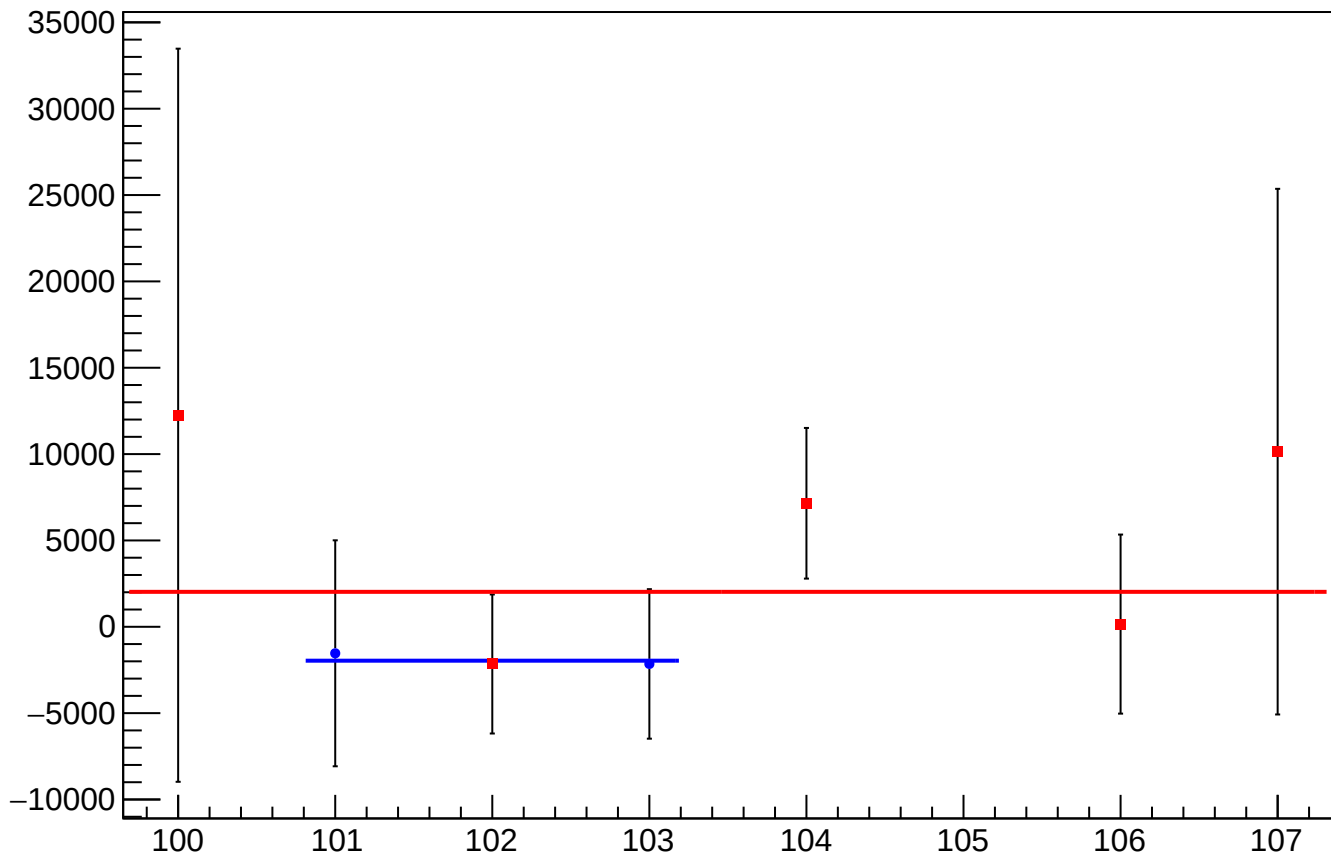
Right: 2160.673+/-0.944 χ^2/NDF : 319846.7/6

In: 2264.369+/-1.504 χ^2/NDF : 203126.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2160.673+/-0.944 χ^2/NDF : 319846.7/6

asym_us_avg_atlr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1962.791 $\pm$ 3610.235 χ^2 /NDF: 0.0/1

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

Right Out: 2023.846 $\pm$ 2515.704 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

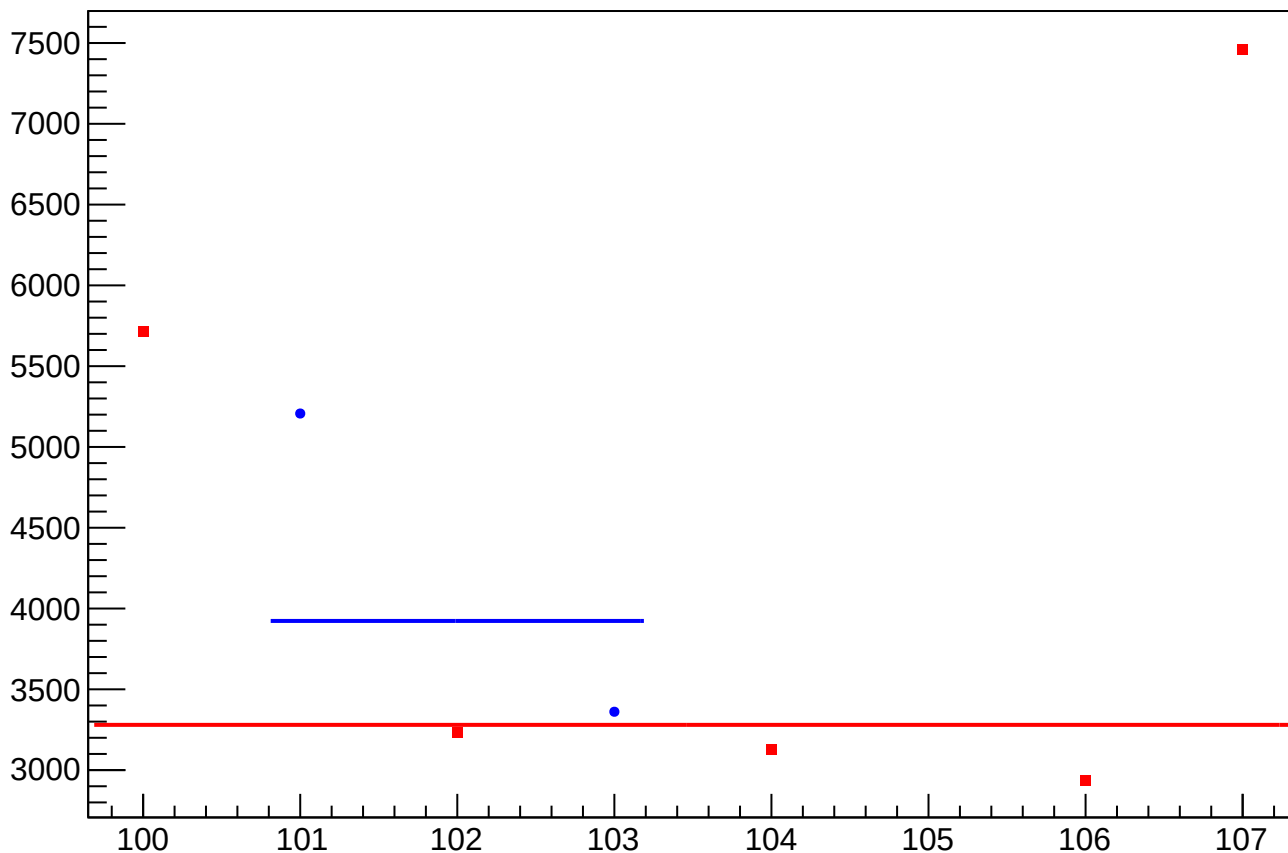
Right: 720.790 $\pm$ 2064.019 χ^2 /NDF: 3.9/6

In: -1962.791 $\pm$ 3610.235 χ^2 /NDF: 0.0/1

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

All: 720.790 $\pm$ 2064.019 χ^2 /NDF: 3.9/6

asym_us_avg_atlr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3923.216+/-2.553 χ^2/NDF : 110712.3/1

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

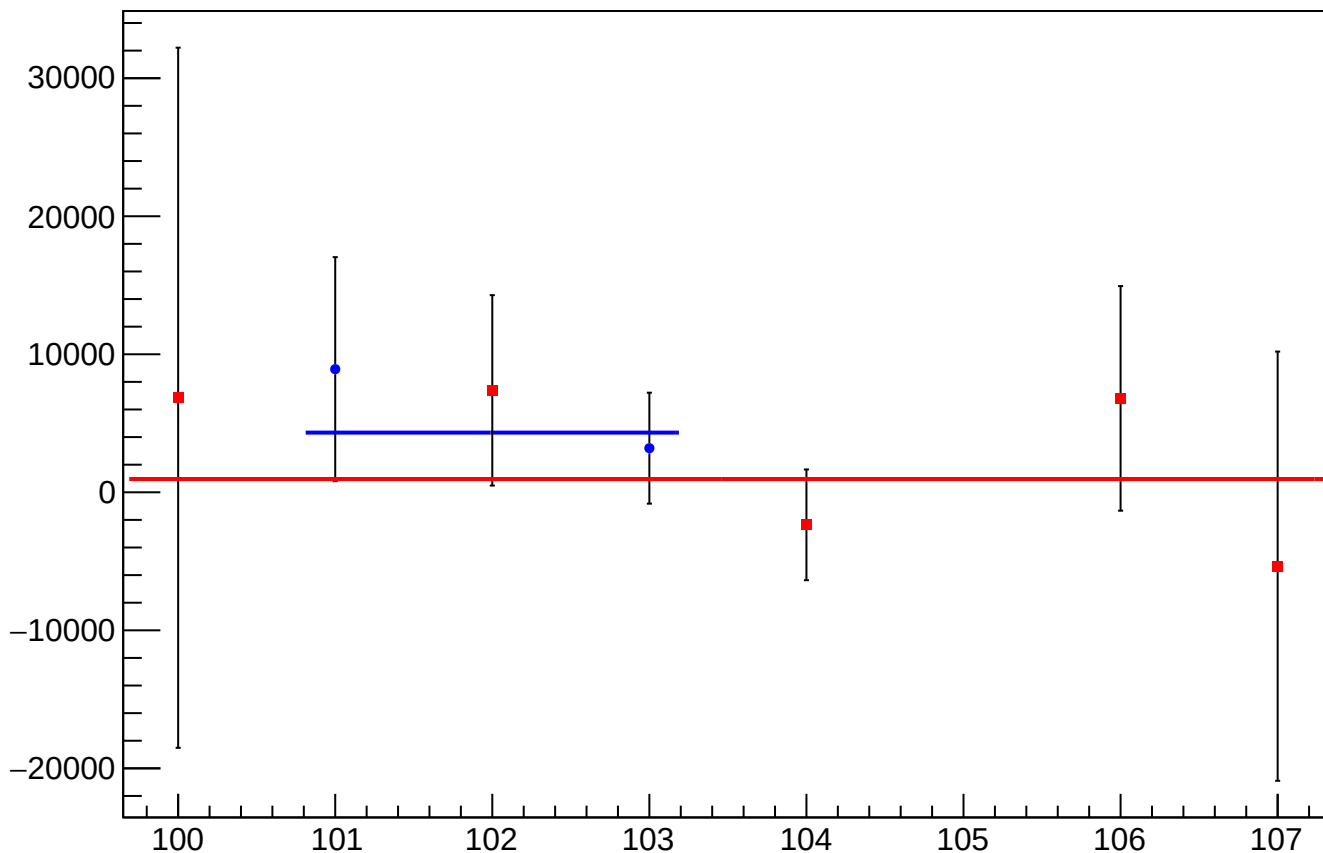
Right: 3490.240+/-1.459 χ^2/NDF : 341987.1/6

In: 3923.216+/-2.553 χ^2/NDF : 110712.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3490.240+/-1.459 χ^2/NDF : 341987.1/6

asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4324.398+/-3601.494 χ^2/NDF : 0.4/1

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

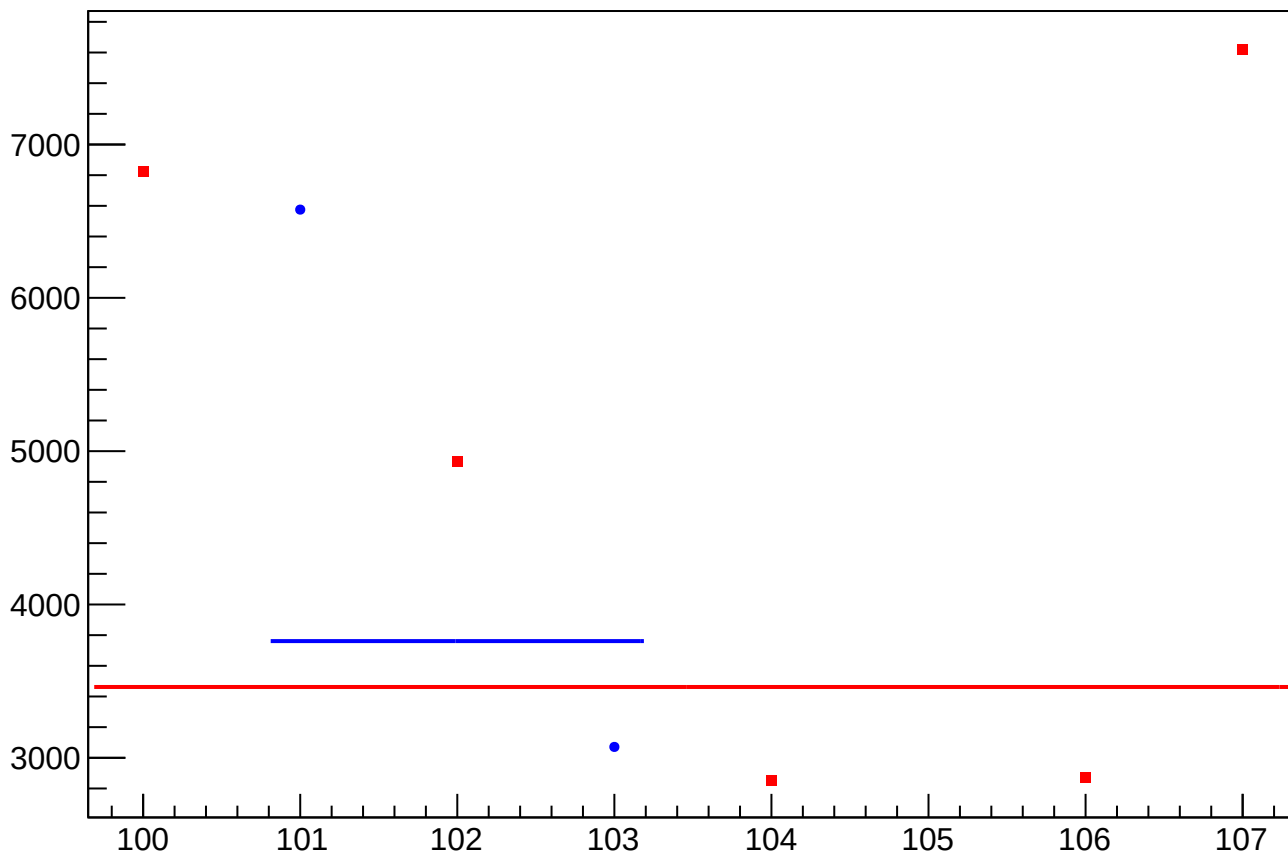
Right: 2394.488+/-2350.289 χ^2/NDF : 3.2/6

In: 4324.398+/-3601.494 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2394.488+/-2350.289 χ^2/NDF : 3.2/6

asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3761.242+/-2.546 χ^2/NDF : 299503.7/1

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

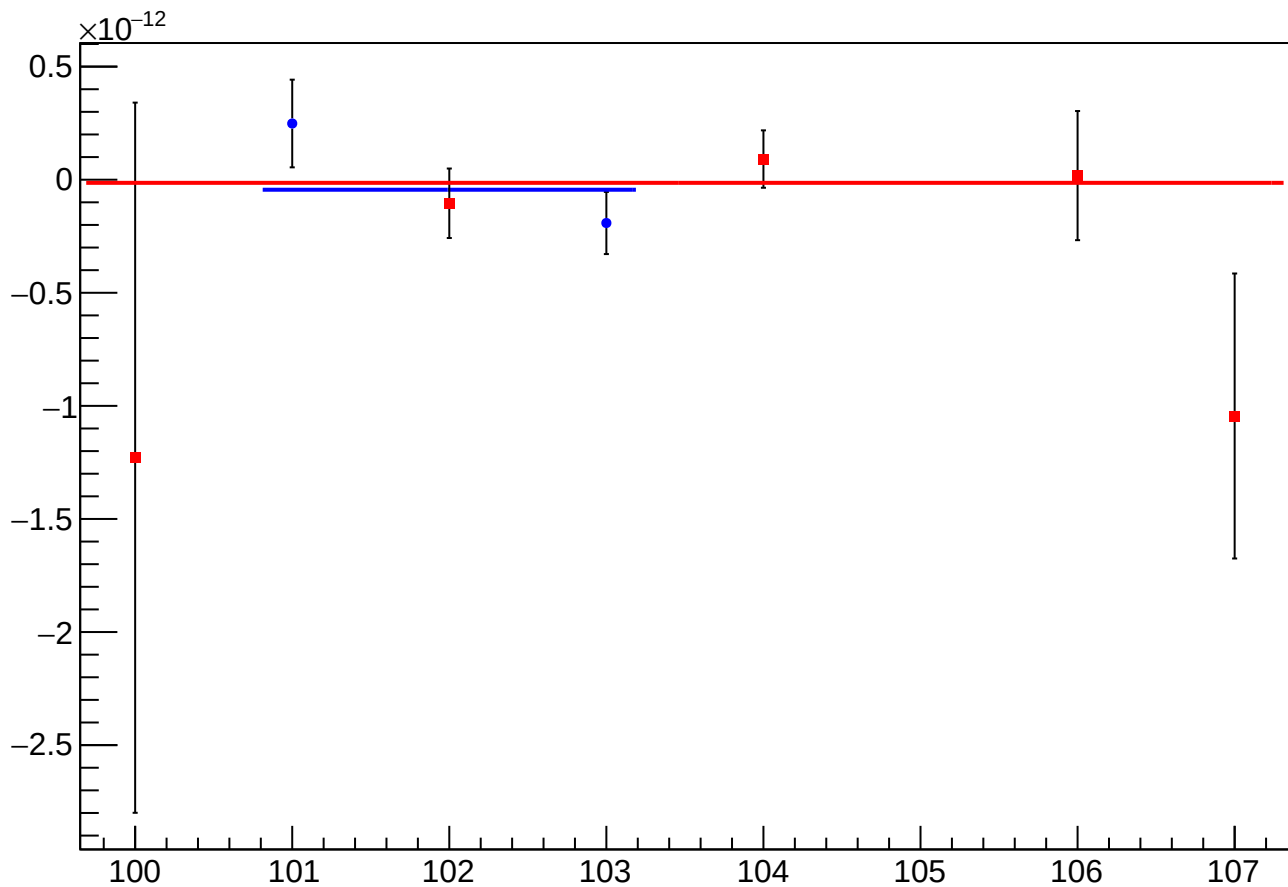
Right: 3581.985+/-1.612 χ^2/NDF : 641764.0/6

In: 3761.242+/-2.546 χ^2/NDF : 299503.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3581.985+/-1.612 χ^2/NDF : 641764.0/6

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 3.4/1

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

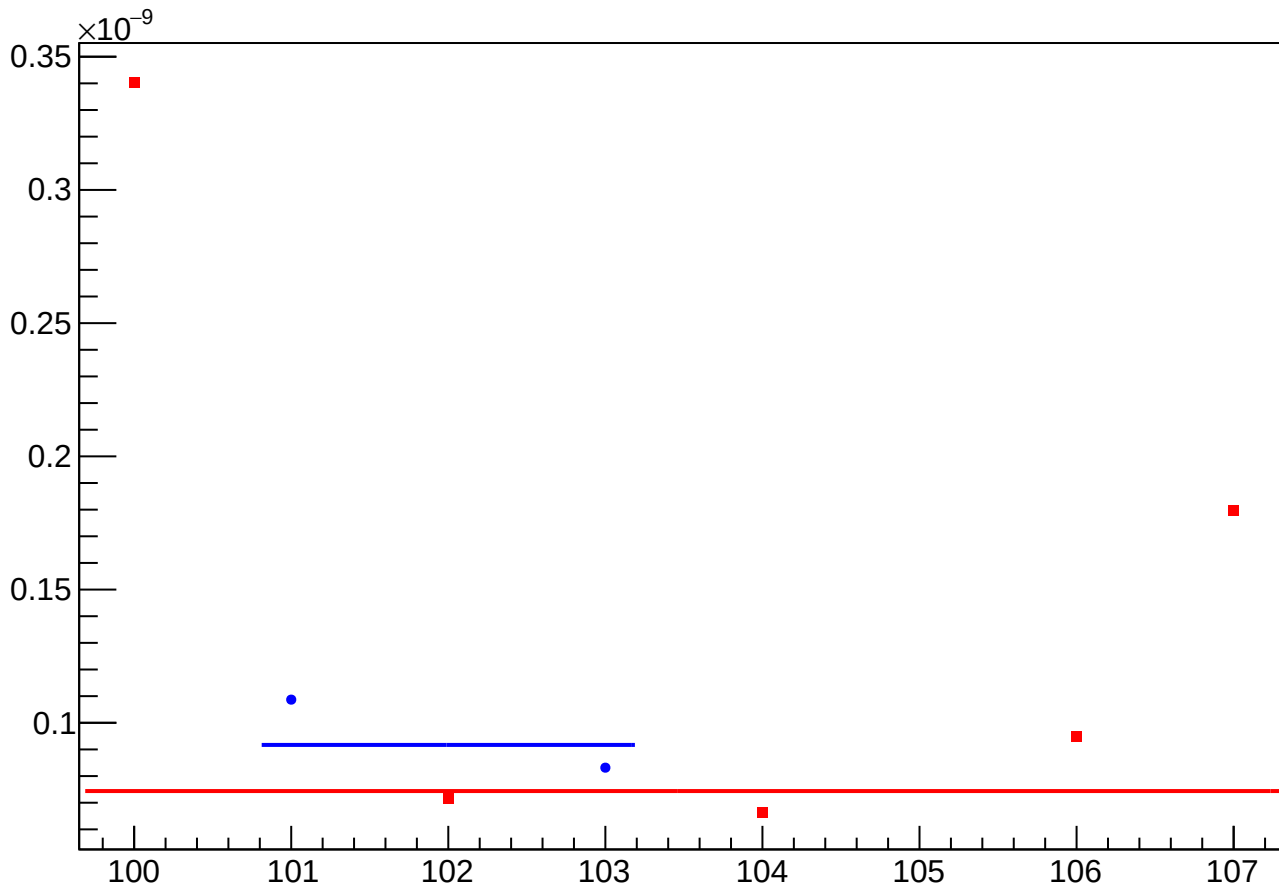
Right: -0.000+/-0.000 χ^2 /NDF: 7.8/6

In: -0.000+/-0.000 χ^2 /NDF:3.4/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 7.8/6

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 23101.7/1

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

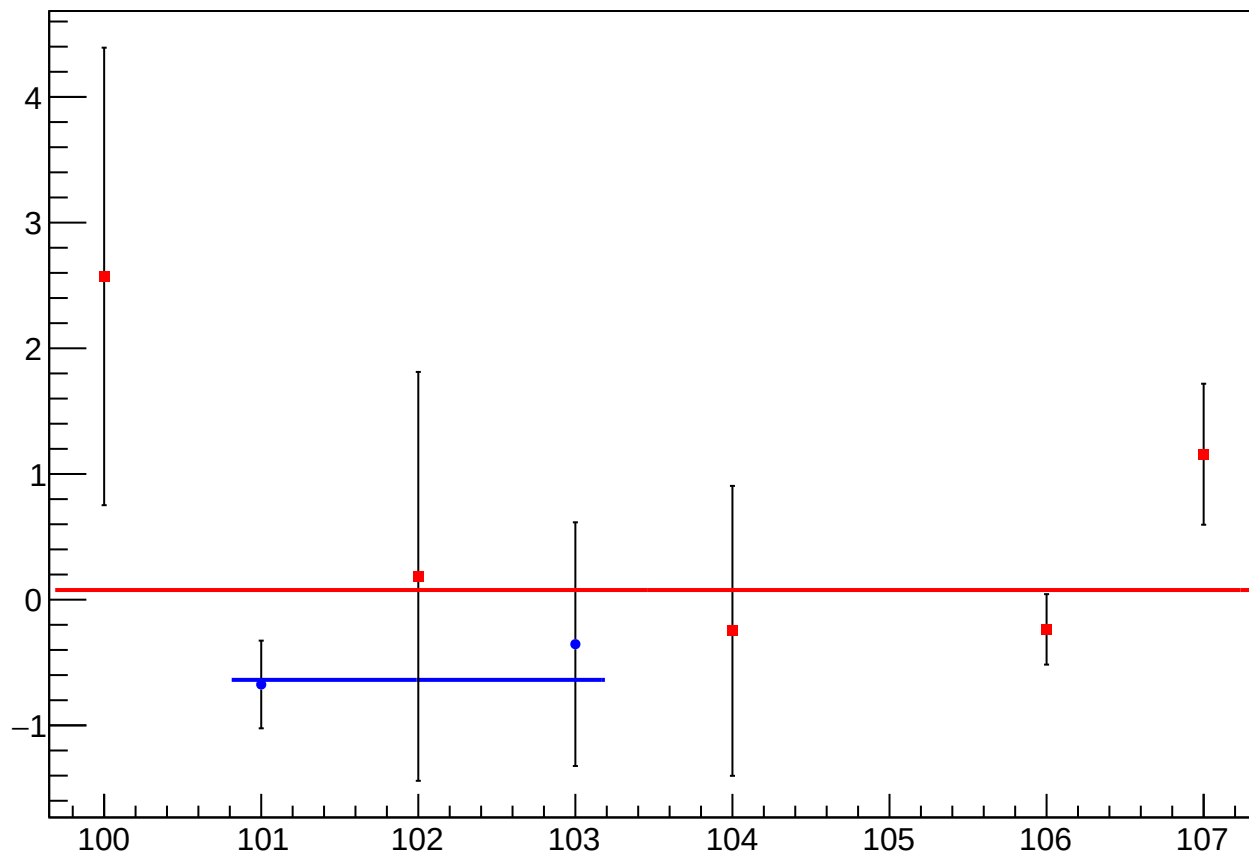
Right: 0.000+/-0.000 χ^2/NDF : 184149.6/6

In: 0.000+/-0.000 χ^2/NDF : 23101.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 184149.6/6

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.638 ± 0.328 χ^2/NDF : 0.1/1

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

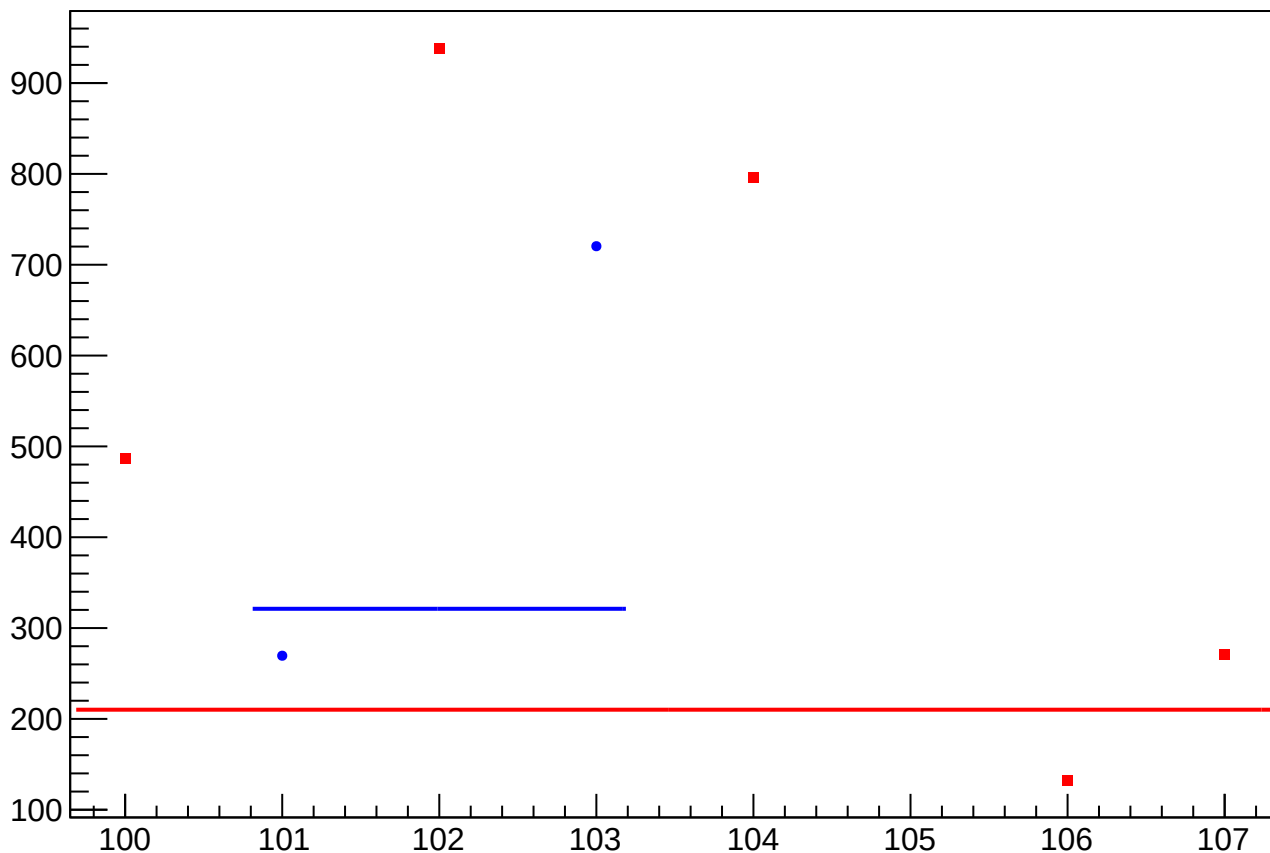
Right: -0.173 ± 0.194 χ^2/NDF : 10.1/6

In: -0.638 ± 0.328 χ^2/NDF : 0.1/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.173 ± 0.194 χ^2/NDF : 10.1/6

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 321.220+/-0.232 χ^2/NDF : 382961.1/1

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

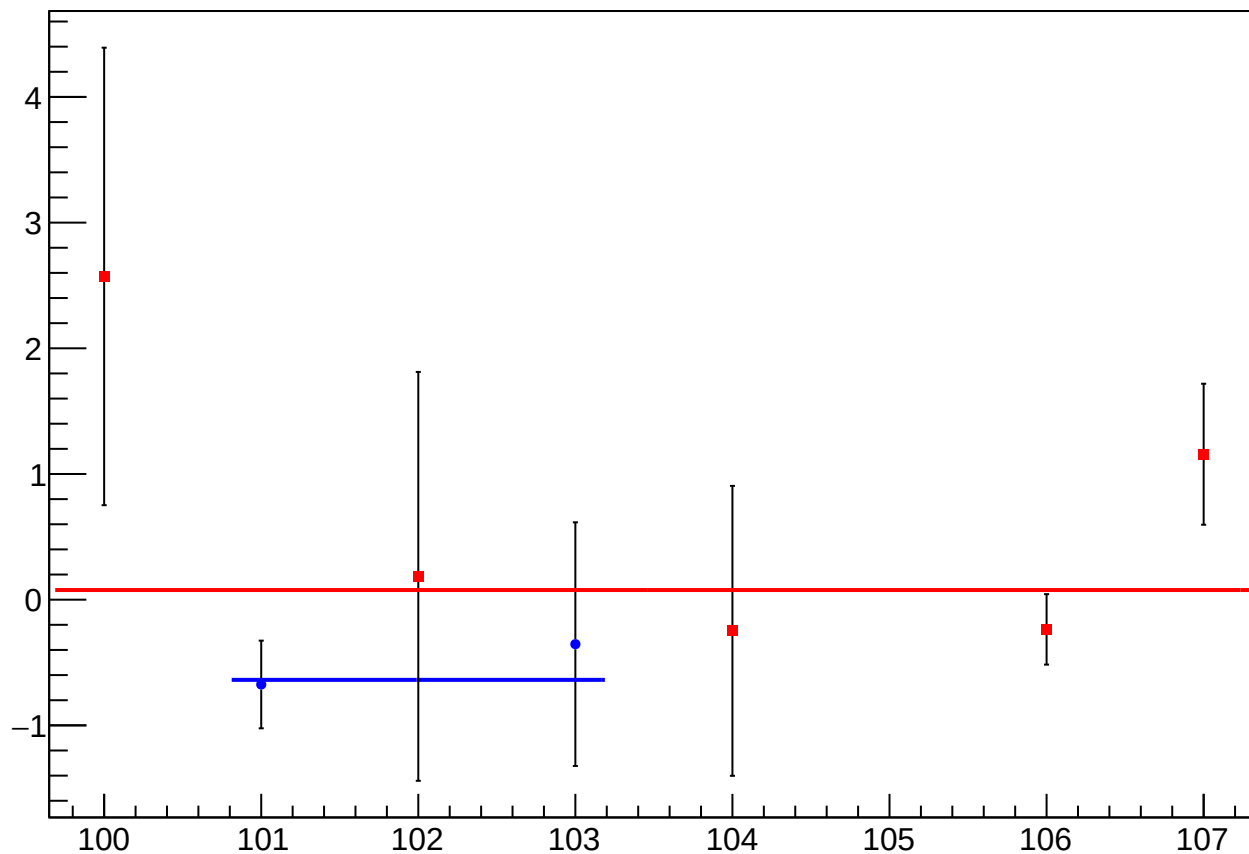
Right: 248.876+/-0.137 χ^2/NDF : 1672906.2/6

In: 321.220+/-0.232 χ^2/NDF : 382961.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 248.876+/-0.137 χ^2/NDF : 1672906.2/6

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.638 $\pm$ 0.328 χ^2 /NDF: 0.1/1

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

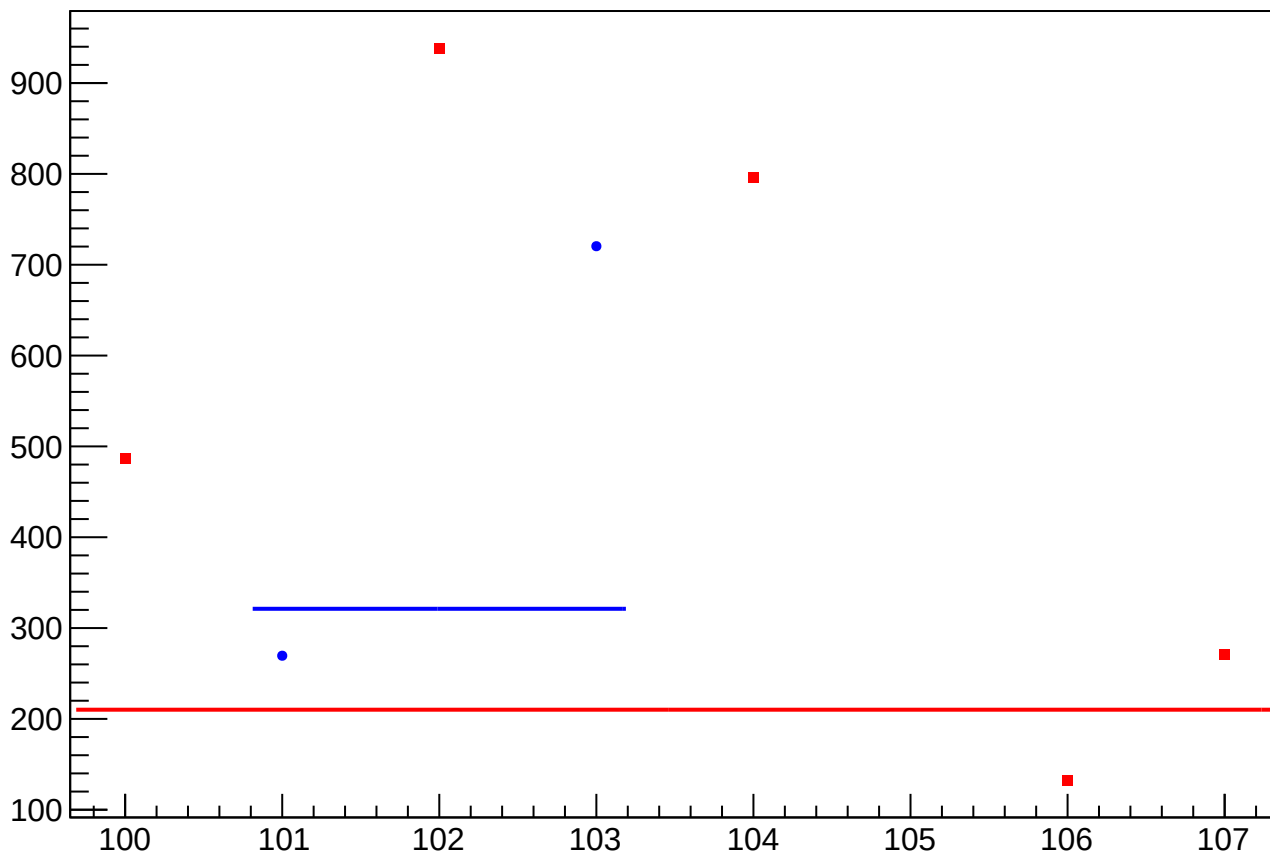
Right: -0.173 $\pm$ 0.194 χ^2 /NDF: 10.1/6

In: -0.638 $\pm$ 0.328 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.173 $\pm$ 0.194 χ^2 /NDF: 10.1/6

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 321.220+/-0.232 χ^2/NDF : 382961.1/1

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

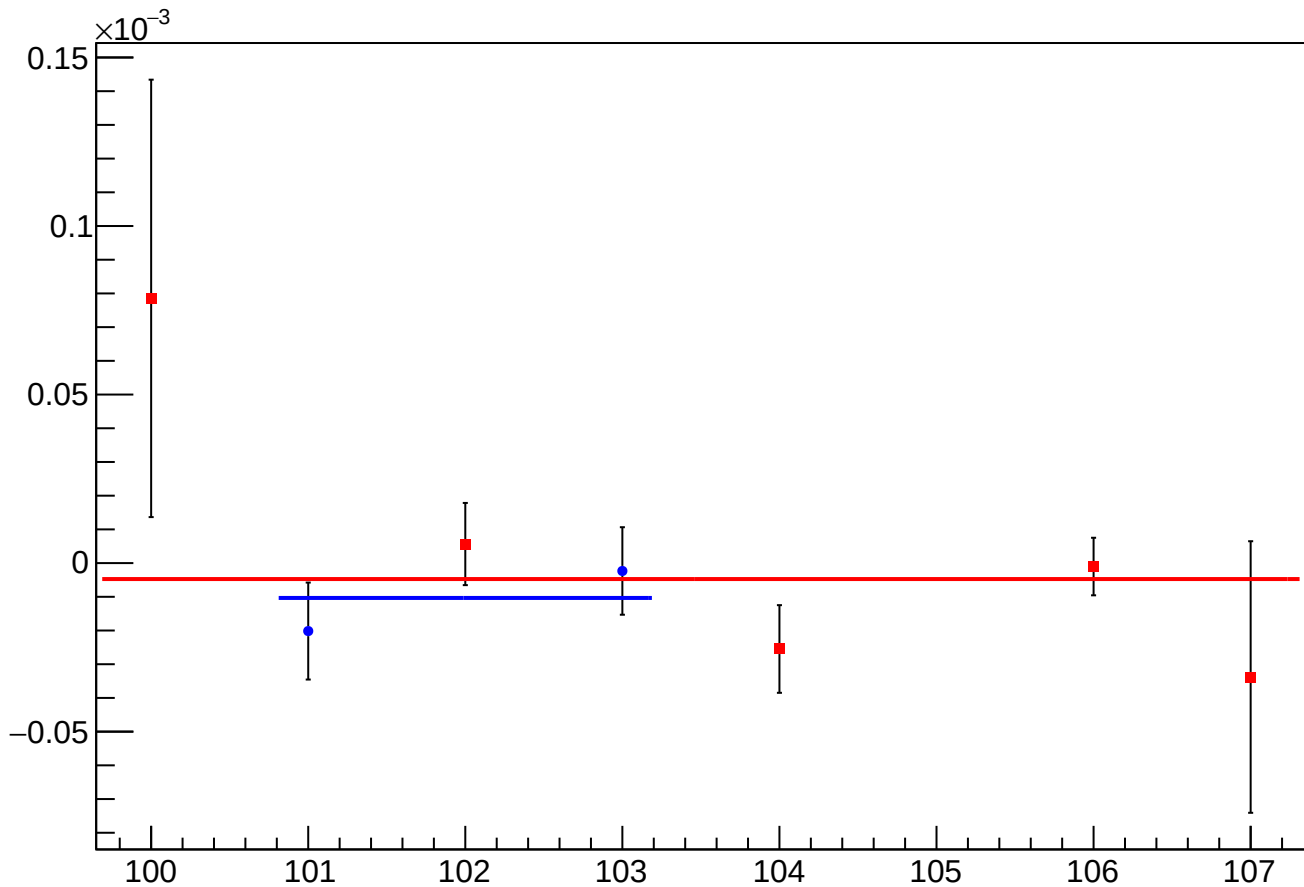
Right: 248.876+/-0.137 χ^2/NDF : 1672906.2/6

In: 321.220+/-0.232 χ^2/NDF : 382961.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 248.876+/-0.137 χ^2/NDF : 1672906.2/6

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 : 0.8/1

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

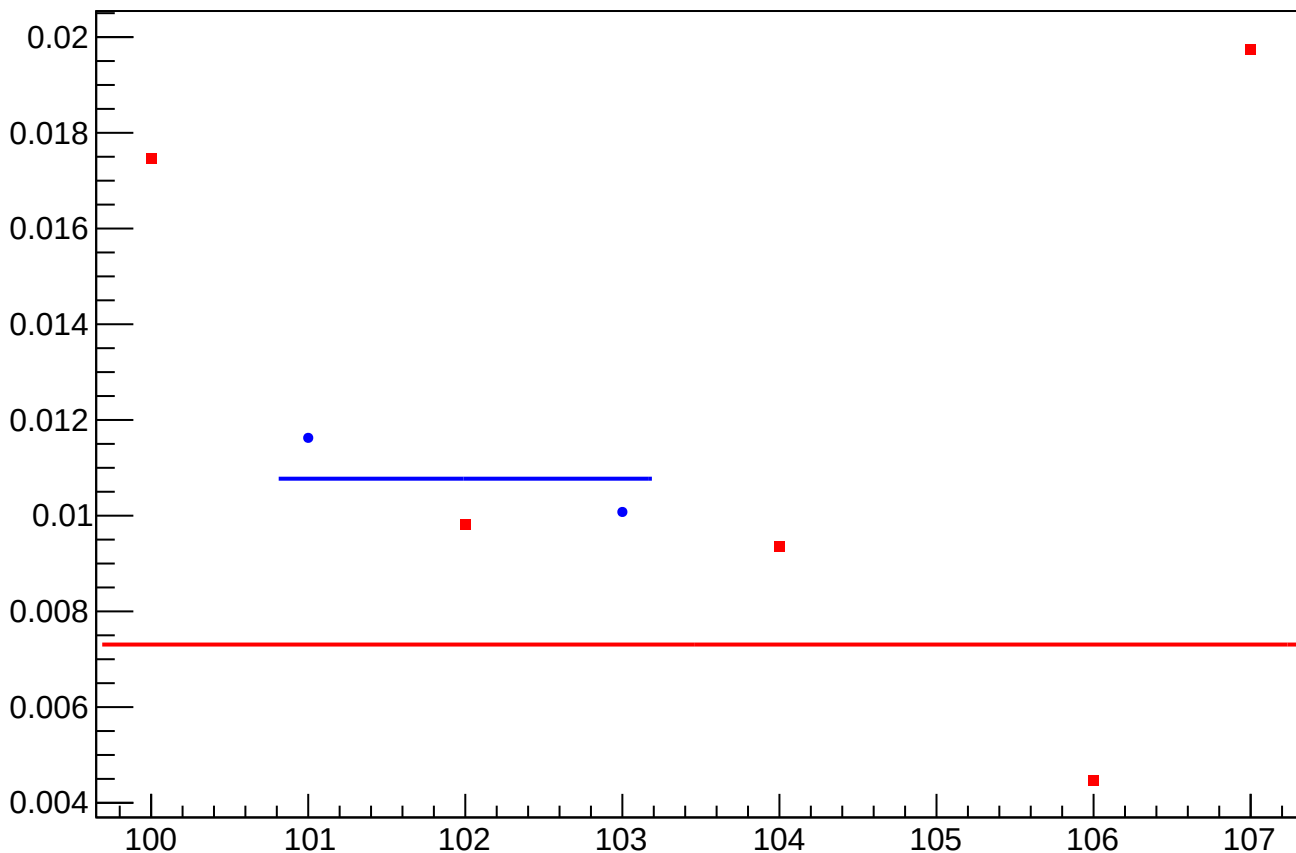
Right: -0.000+/-0.000 χ^2/NDF : 6.7/6

In: -0.000+/-0.000 χ^2/NDF : 0.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.7/6

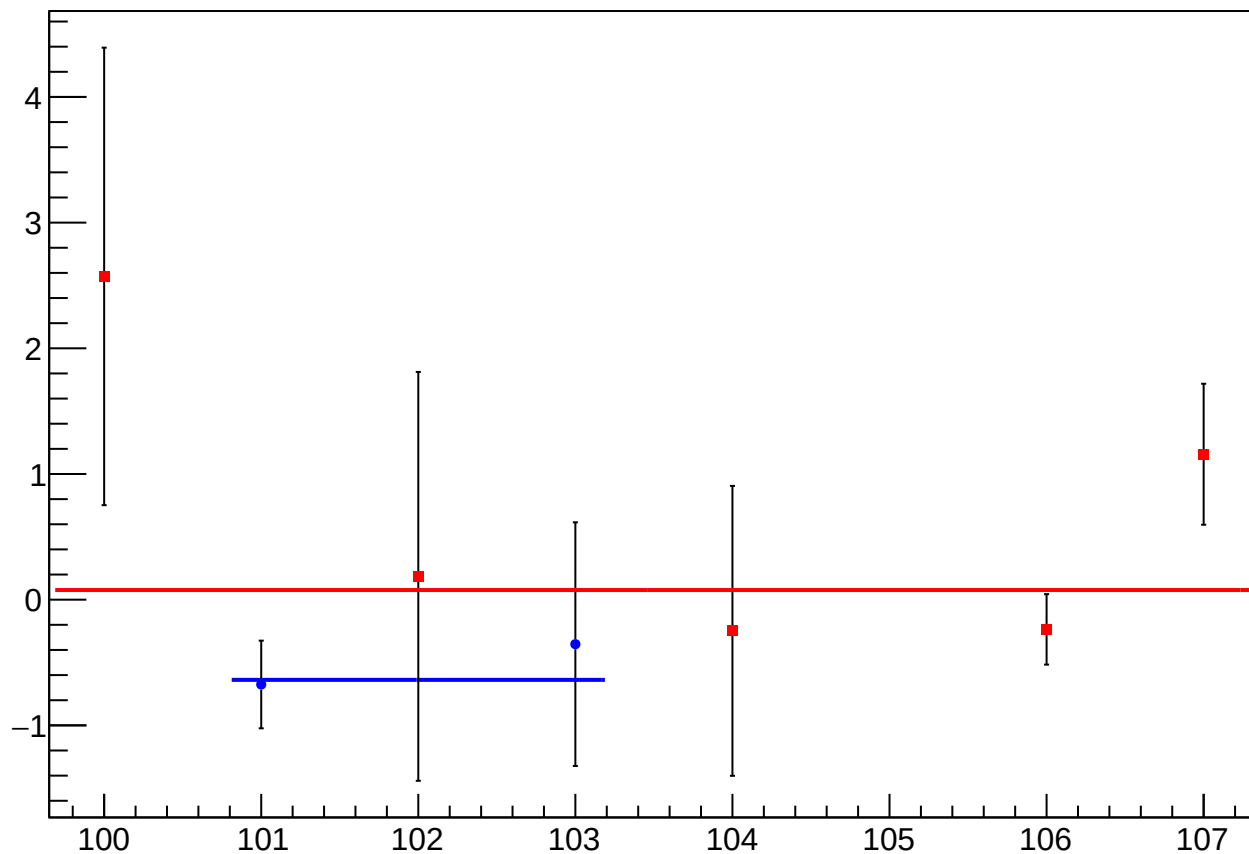
asym_us_avg_atlr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 12772.4/1
 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 : 792932.7/6
 In: 0.011+/-0.000 χ^2/NDF : 12772.4/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.008+/-0.000 χ^2/NDF : 792932.7/6

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.638 $\pm$ 0.328 χ^2 /NDF: 0.1/1

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

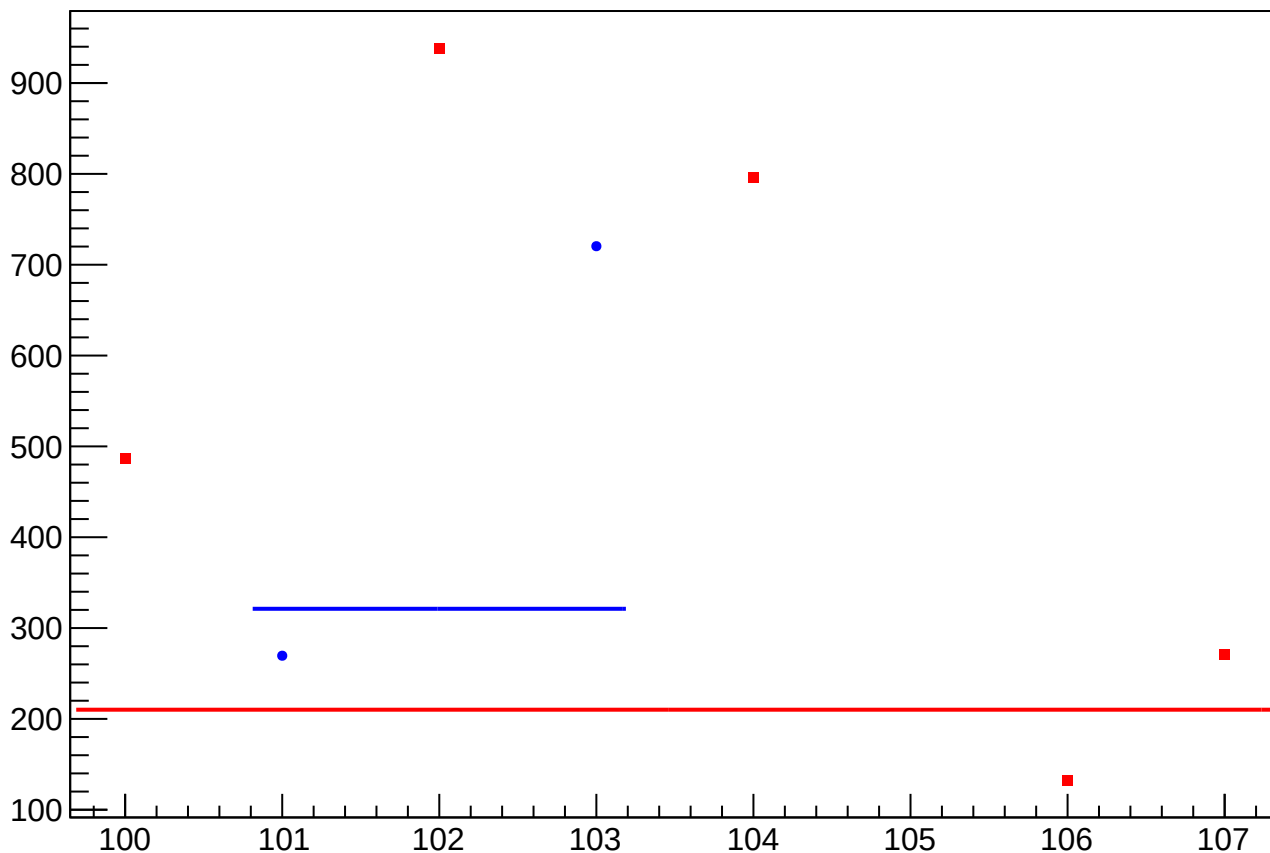
Right: -0.173 $\pm$ 0.194 χ^2 /NDF: 10.1/6

In: -0.638 $\pm$ 0.328 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.173 $\pm$ 0.194 χ^2 /NDF: 10.1/6

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 321.218+/-0.232 χ^2/NDF : 382955.6/1

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

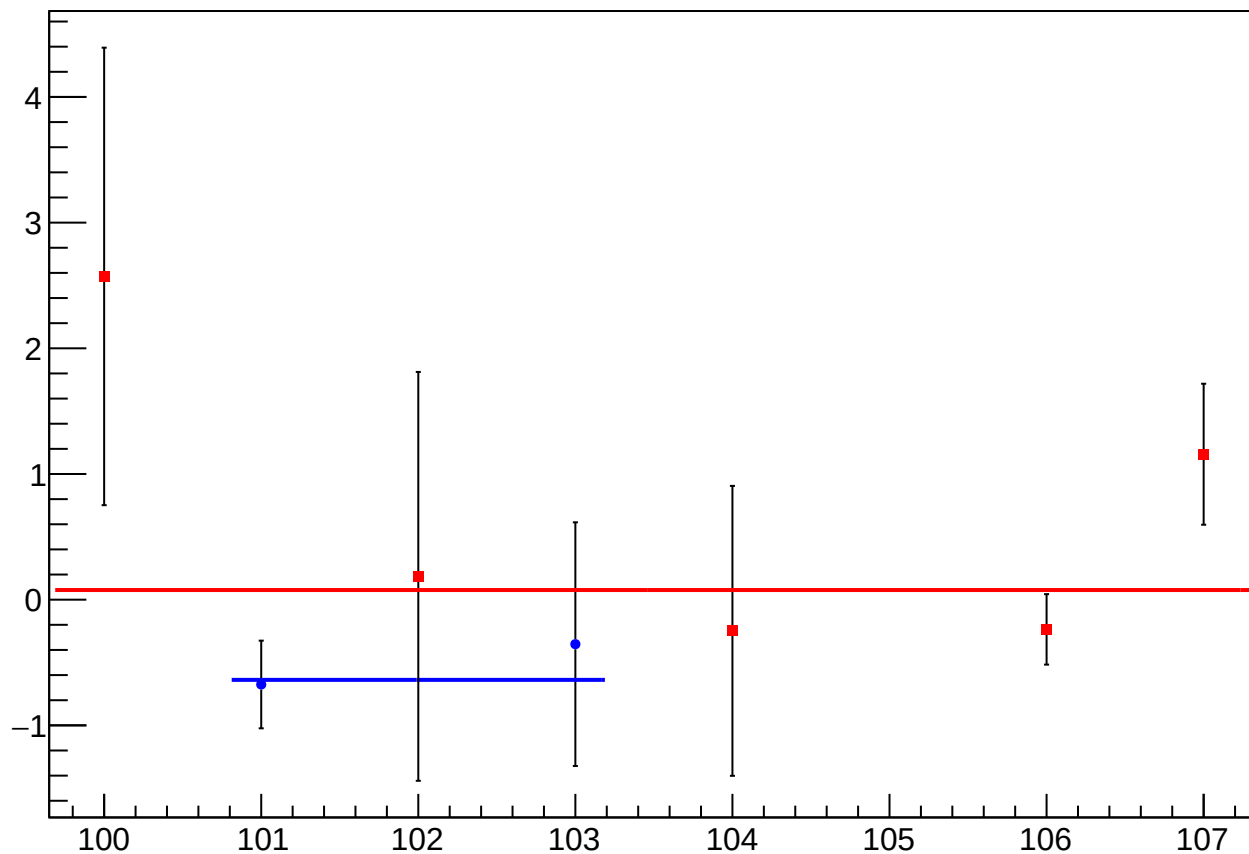
Right: 248.875+/-0.137 χ^2/NDF : 1672900.2/6

In: 321.218+/-0.232 χ^2/NDF : 382955.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 248.875+/-0.137 χ^2/NDF : 1672900.2/6

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.638 $\pm$ 0.328 χ^2 /NDF: 0.1/1

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

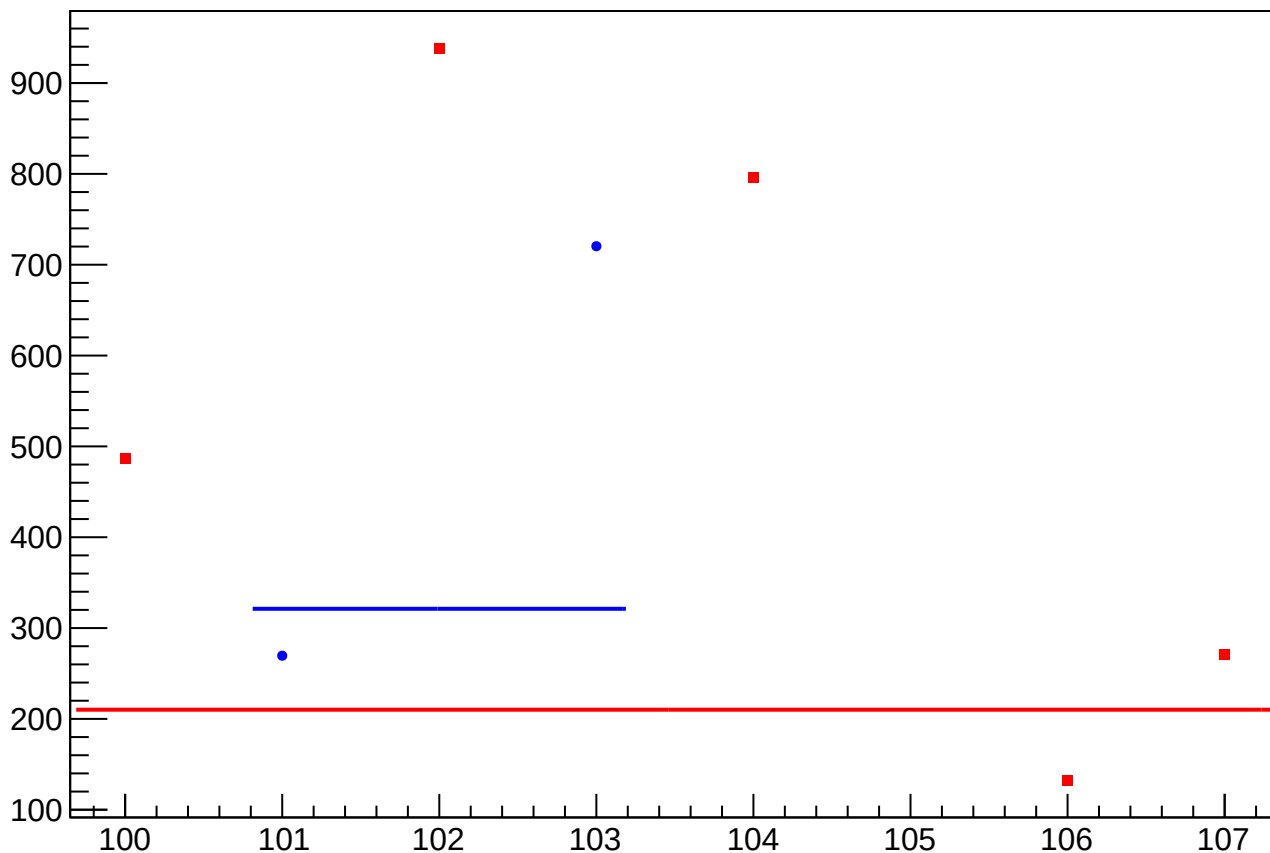
Right: -0.173 $\pm$ 0.194 χ^2 /NDF: 10.1/6

In: -0.638 $\pm$ 0.328 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.173 $\pm$ 0.194 χ^2 /NDF: 10.1/6

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 321.218+/-0.232 χ^2/NDF : 382955.6/1

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

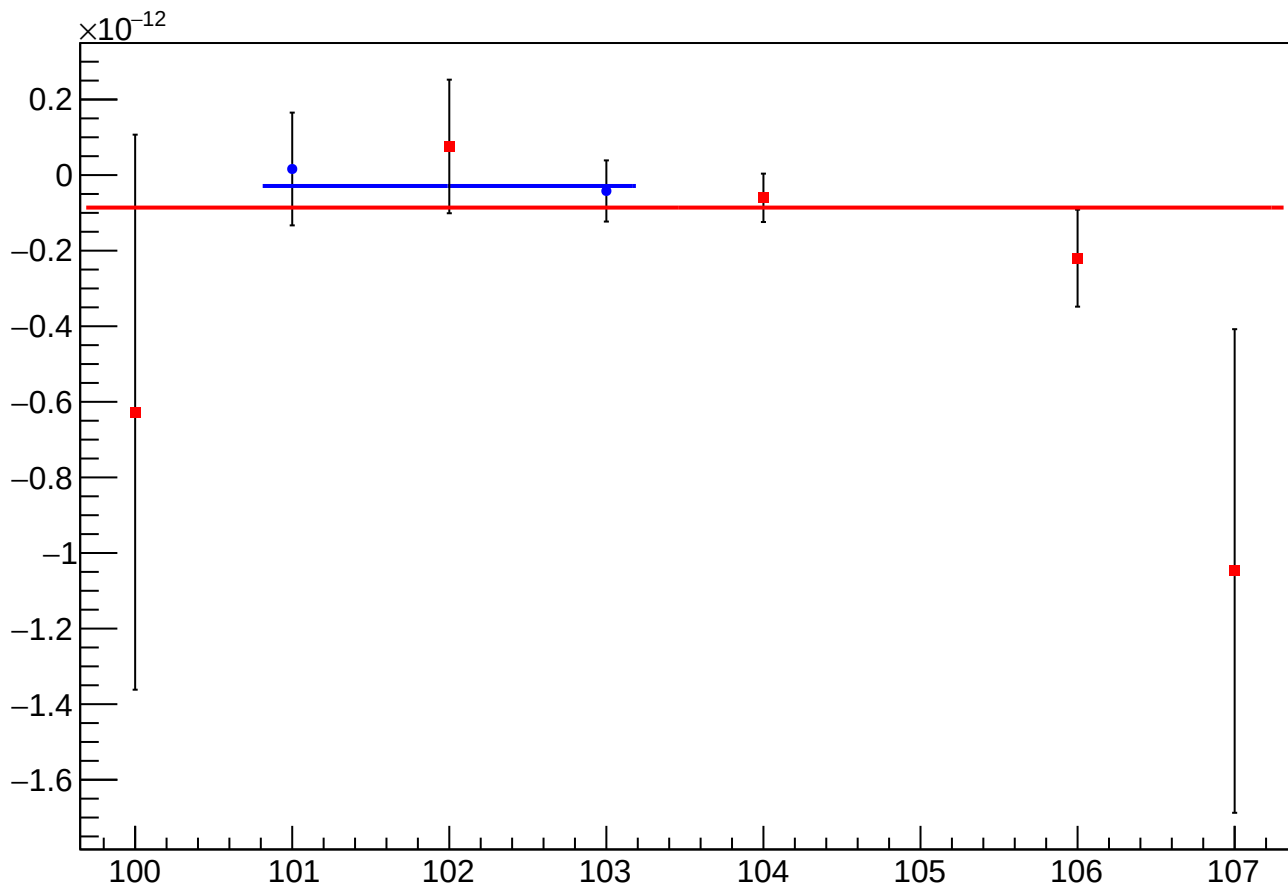
Right: 248.875+/-0.137 χ^2/NDF : 1672900.2/6

In: 321.218+/-0.232 χ^2/NDF : 382955.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 248.875+/-0.137 χ^2/NDF : 1672900.2/6

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 : 0.1/1

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

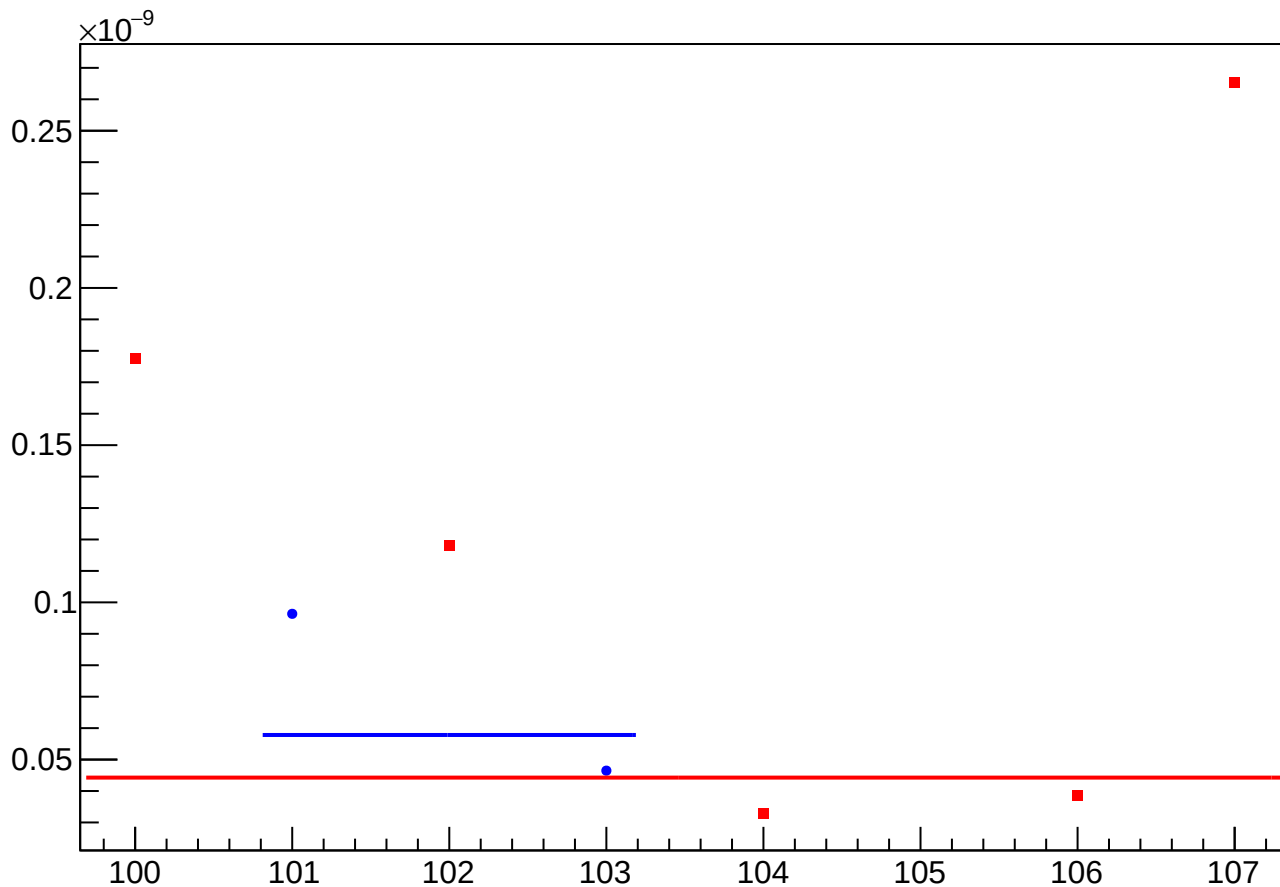
Right: -0.000+/-0.000 χ^2/NDF : 5.4/6

In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 5.4/6

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 : 172681.9/1

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

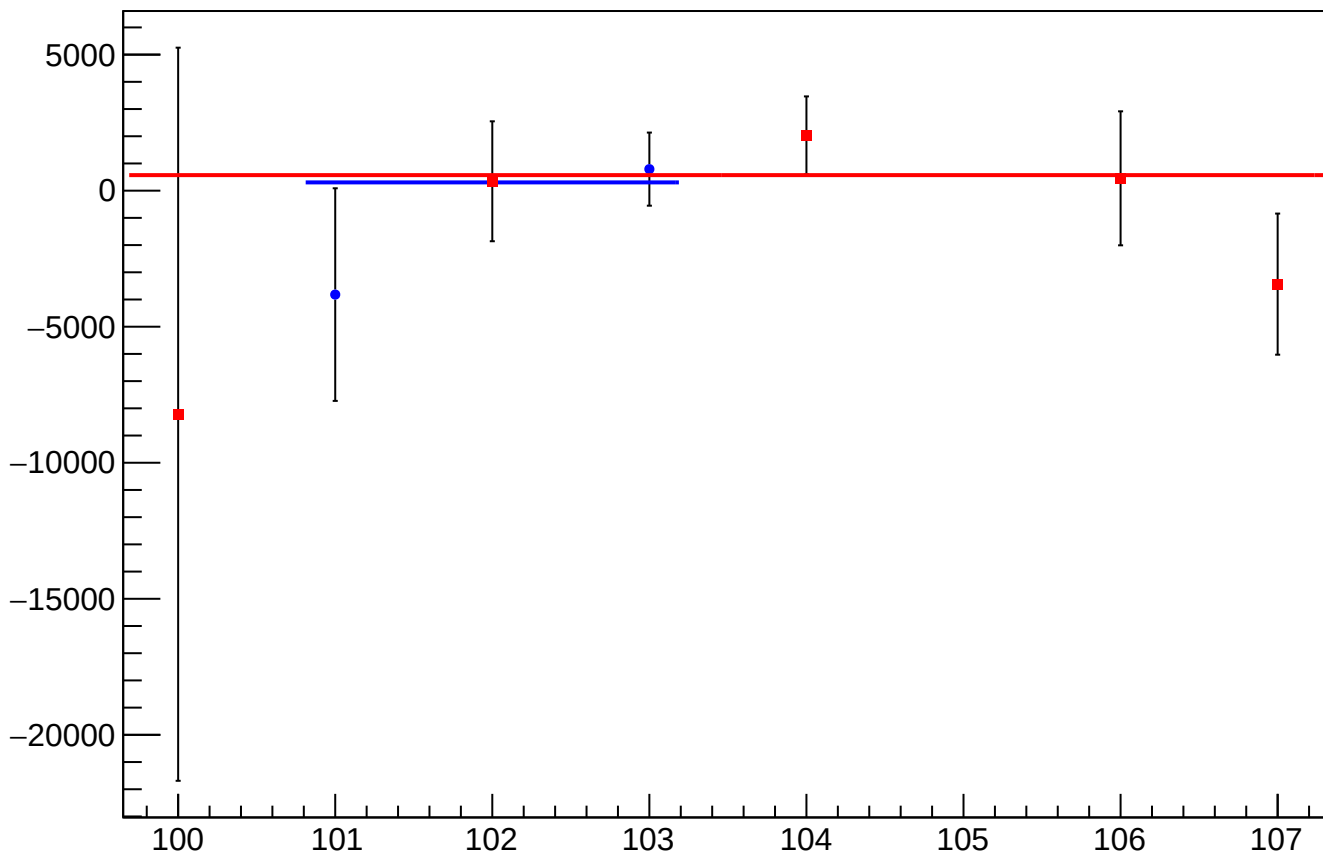
Right: 0.000+/-0.000 χ^2/NDF : 941967.5/6

In: 0.000+/-0.000 χ^2/NDF : 172681.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 941967.5/6

reg_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 304.000+/-1270.493 χ^2/NDF : 1.2/1

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

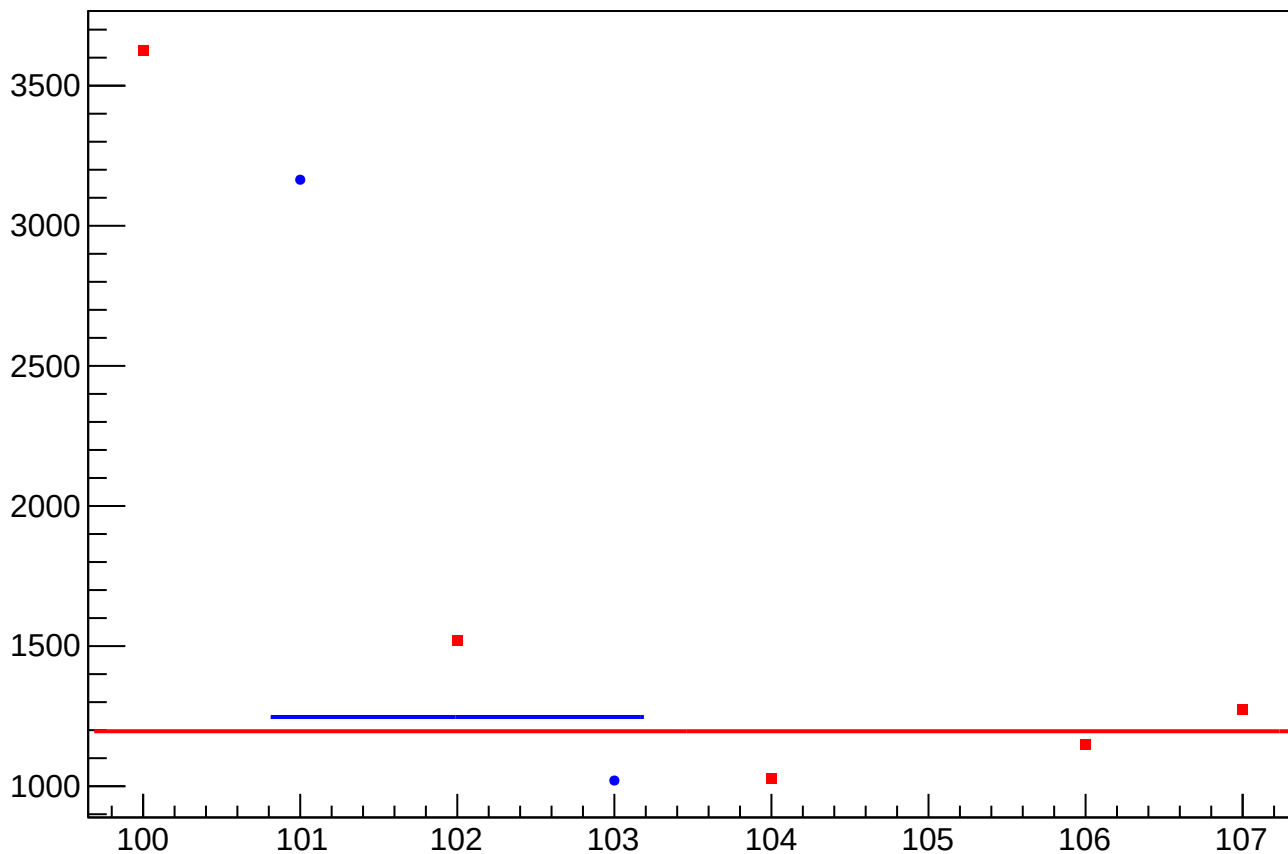
Right: 469.825+/-782.981 χ^2/NDF : 5.1/6

In: 304.000+/-1270.493 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 469.825+/-782.981 χ^2/NDF : 5.1/6

reg_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1246.935+/-0.898 χ^2/NDF : 538545.6/1

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

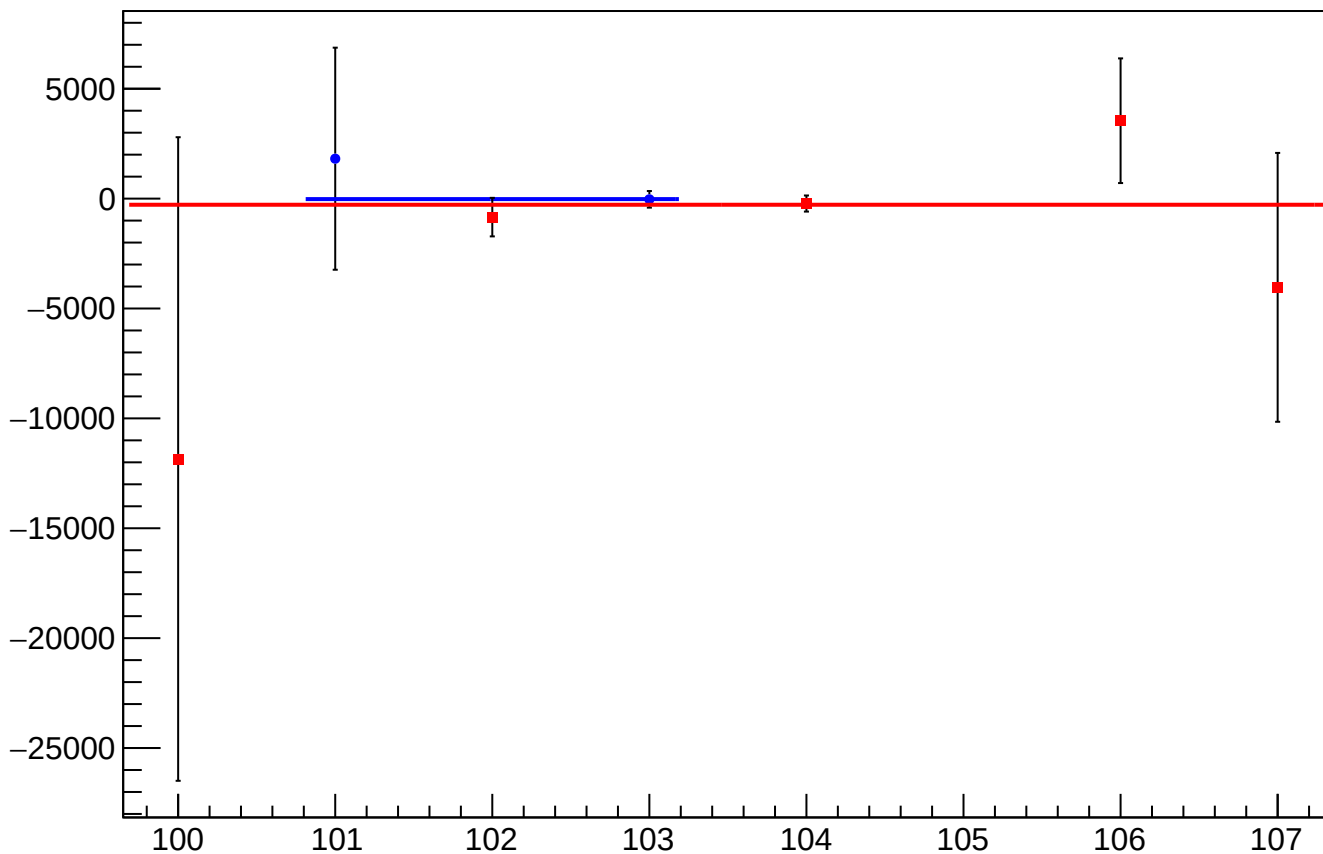
Right: 1215.203+/-0.550 χ^2/NDF : 679666.9/6

In: 1246.935+/-0.898 χ^2/NDF : 538545.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1215.203+/-0.550 χ^2/NDF : 679666.9/6

asym_us_avg_atlr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -22.137 $\pm$ 376.561 χ^2 /NDF: 0.1/1

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

Right Out: -279.170 $\pm$ 334.937 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

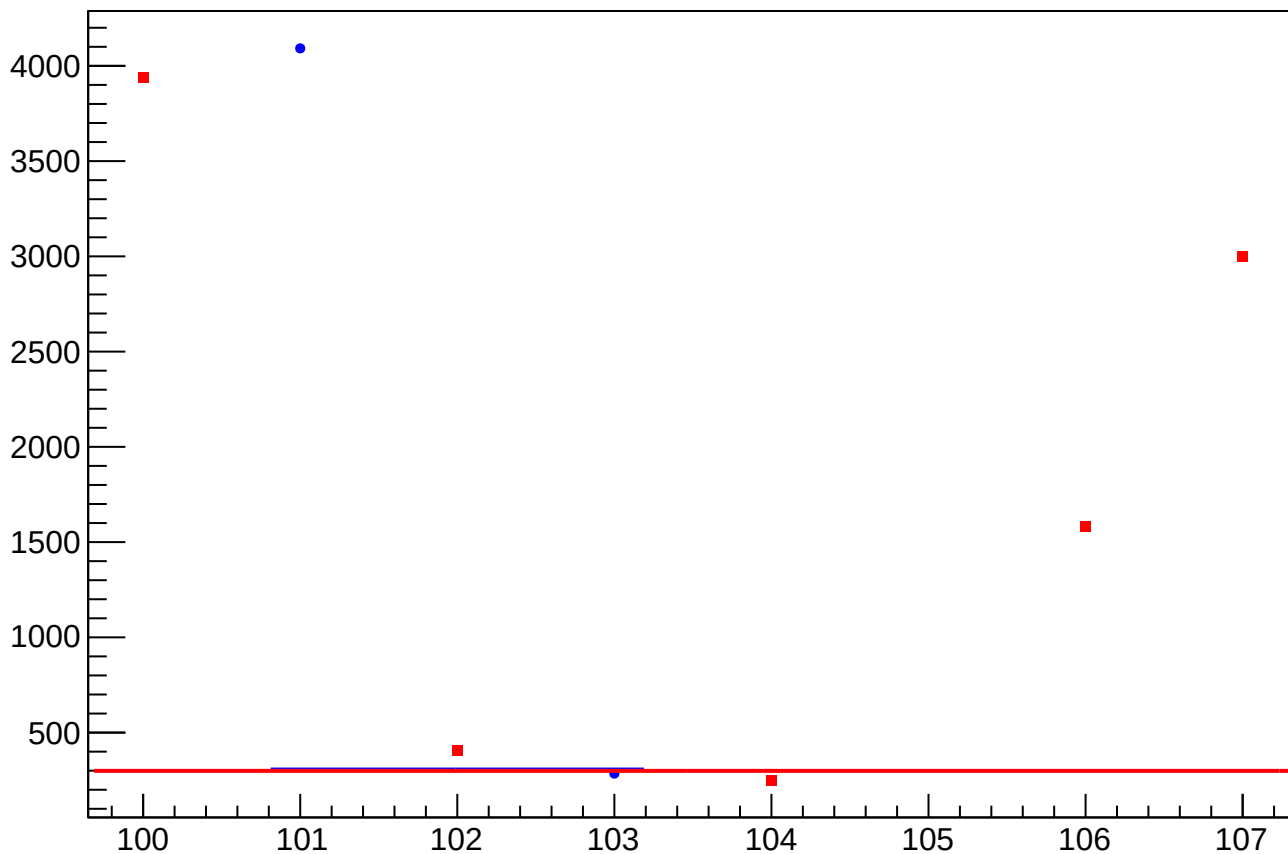
Right: -165.639 $\pm$ 250.264 χ^2 /NDF: 3.6/6

In: -22.137 $\pm$ 376.561 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -165.639 $\pm$ 250.264 χ^2 /NDF: 3.6/6

asym_us_avg_atlr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 306.046+/-0.266 χ^2/NDF : 1129223.9/1

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

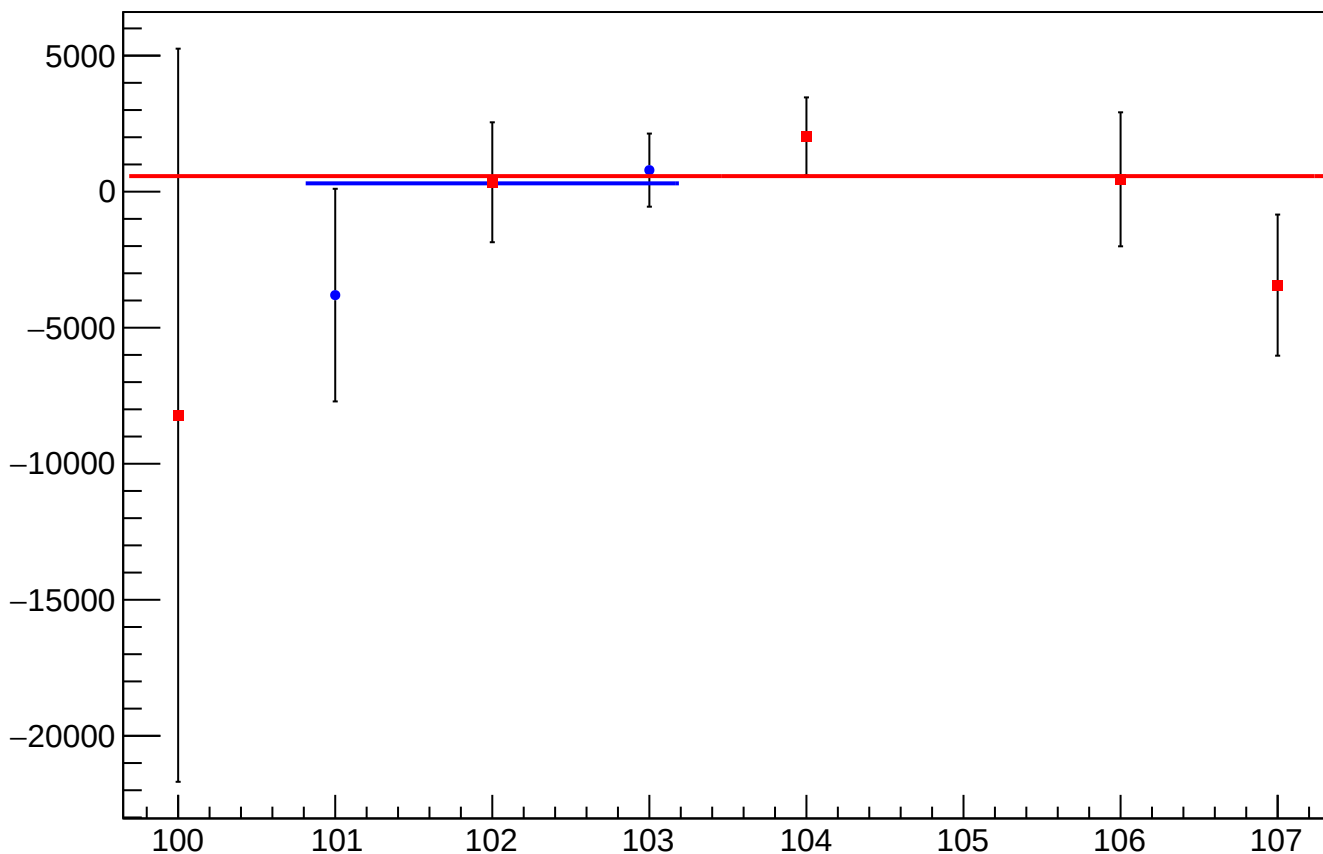
Right: 302.195+/-0.177 χ^2/NDF : 2122255.7/6

In: 306.046+/-0.266 χ^2/NDF : 1129223.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 302.195+/-0.177 χ^2/NDF : 2122255.7/6

cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 305.650+/-1270.495 χ^2/NDF : 1.2/1

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

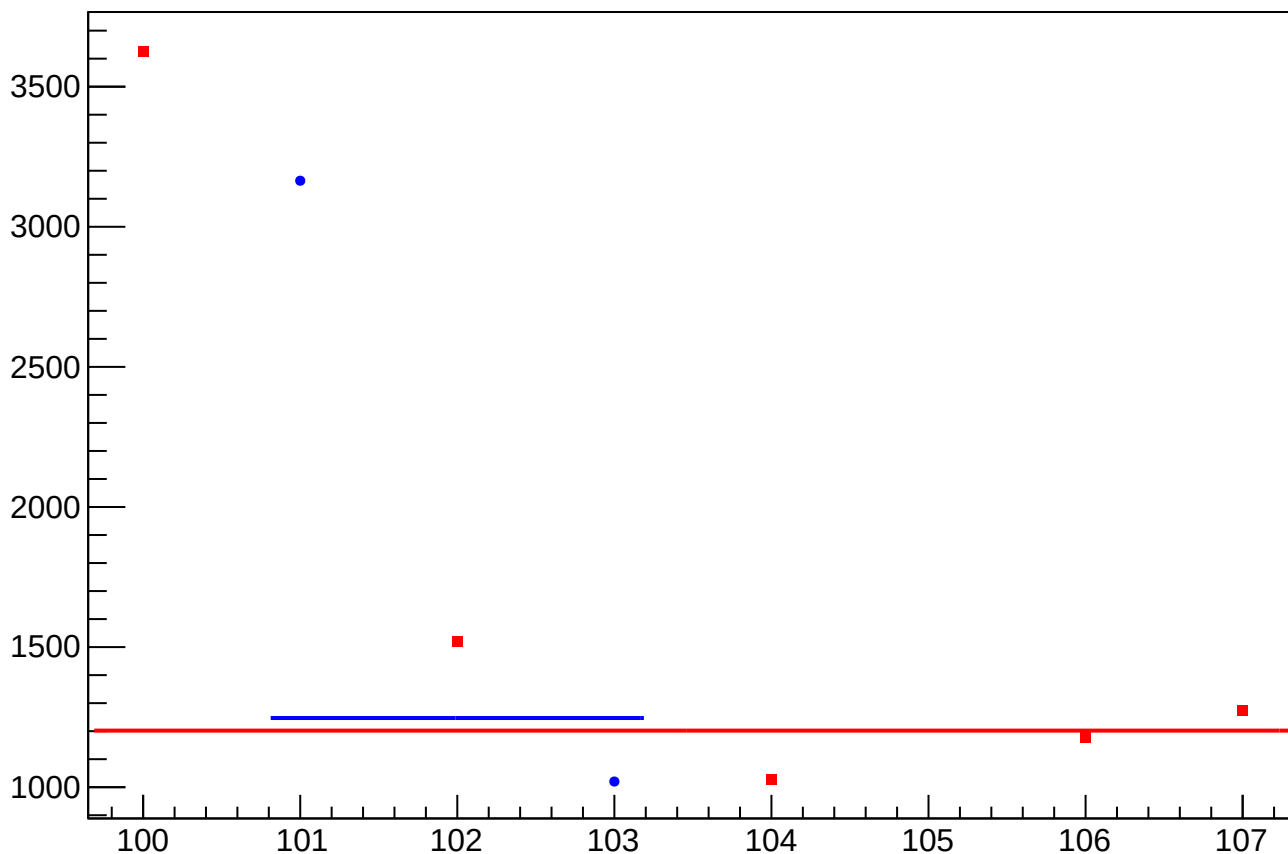
Right: 470.595+/-782.981 χ^2/NDF : 5.1/6

In: 305.650+/-1270.495 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 470.595+/-782.981 χ^2/NDF : 5.1/6

cor_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1246.933+/-0.898 χ^2/NDF : 538547.3/1

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

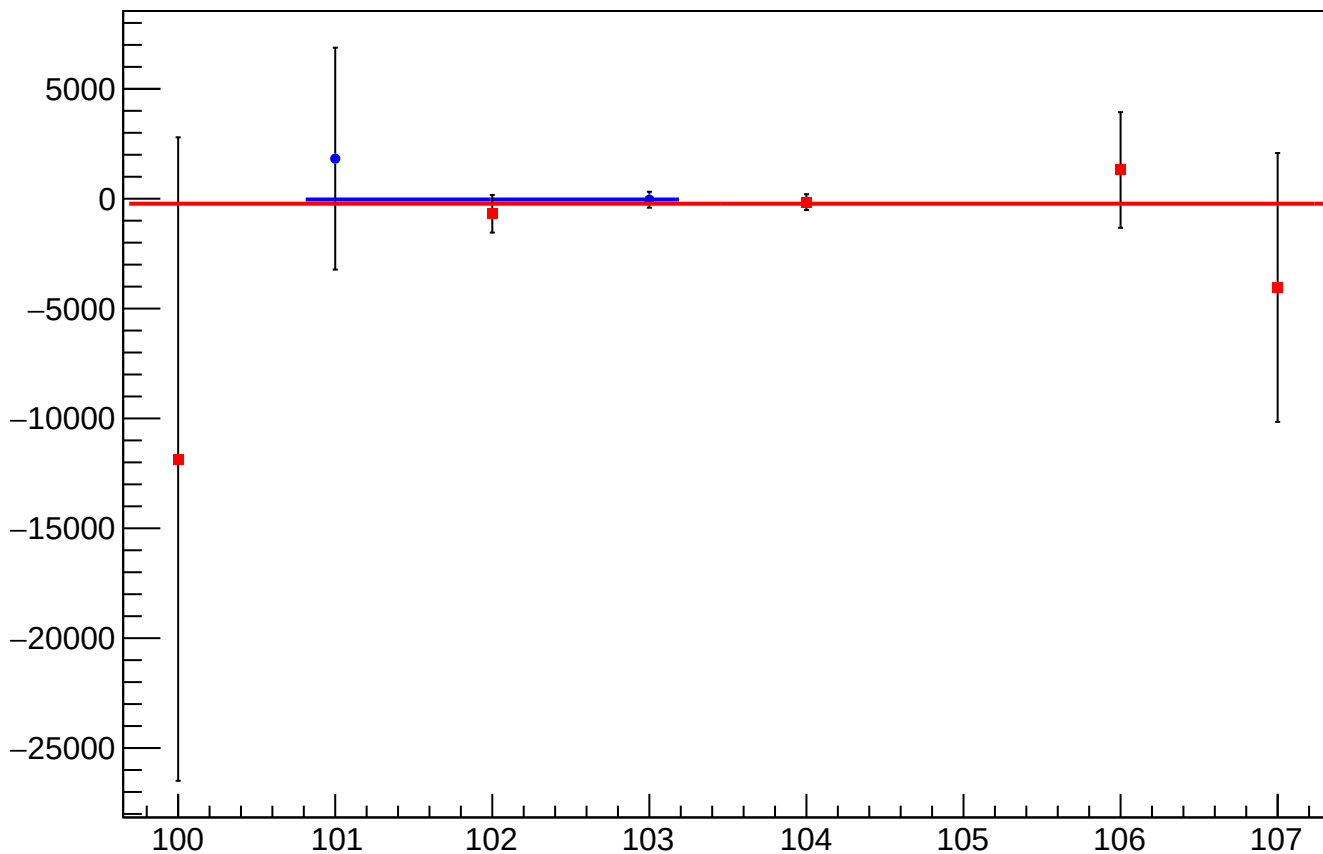
Right: 1219.016+/-0.553 χ^2/NDF : 678384.7/6

In: 1246.933+/-0.898 χ^2/NDF : 538547.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1219.016+/-0.553 χ^2/NDF : 678384.7/6

asym_us_avg_atlr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -35.669 ± 361.331 χ^2/NDF : 0.1/1

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

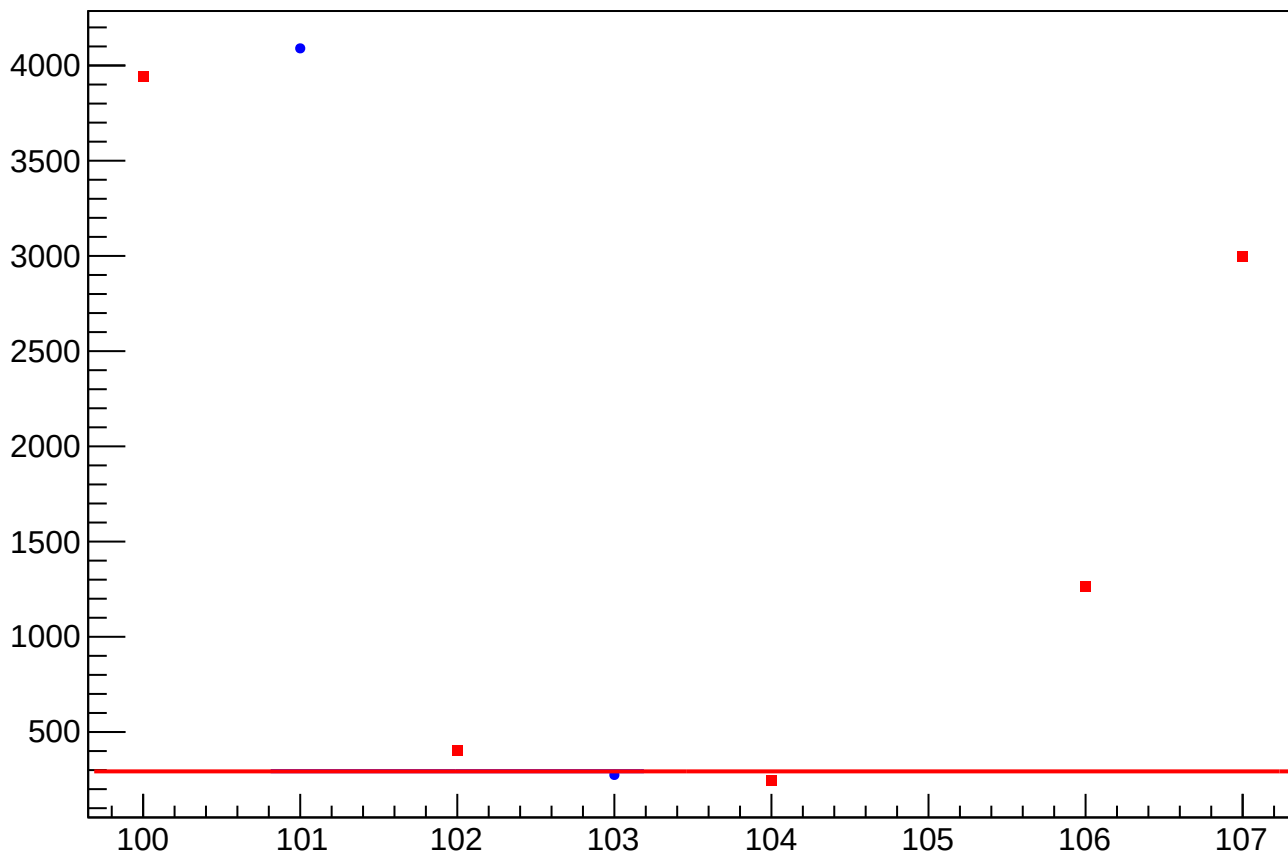
Right: -140.600 ± 243.328 χ^2/NDF : 2.0/6

In: -35.669 ± 361.331 χ^2/NDF : 0.1/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -140.600 ± 243.328 χ^2/NDF : 2.0/6

asym_us_avg_atlr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 294.090+/-0.255 χ^2/NDF : 1135761.5/1

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

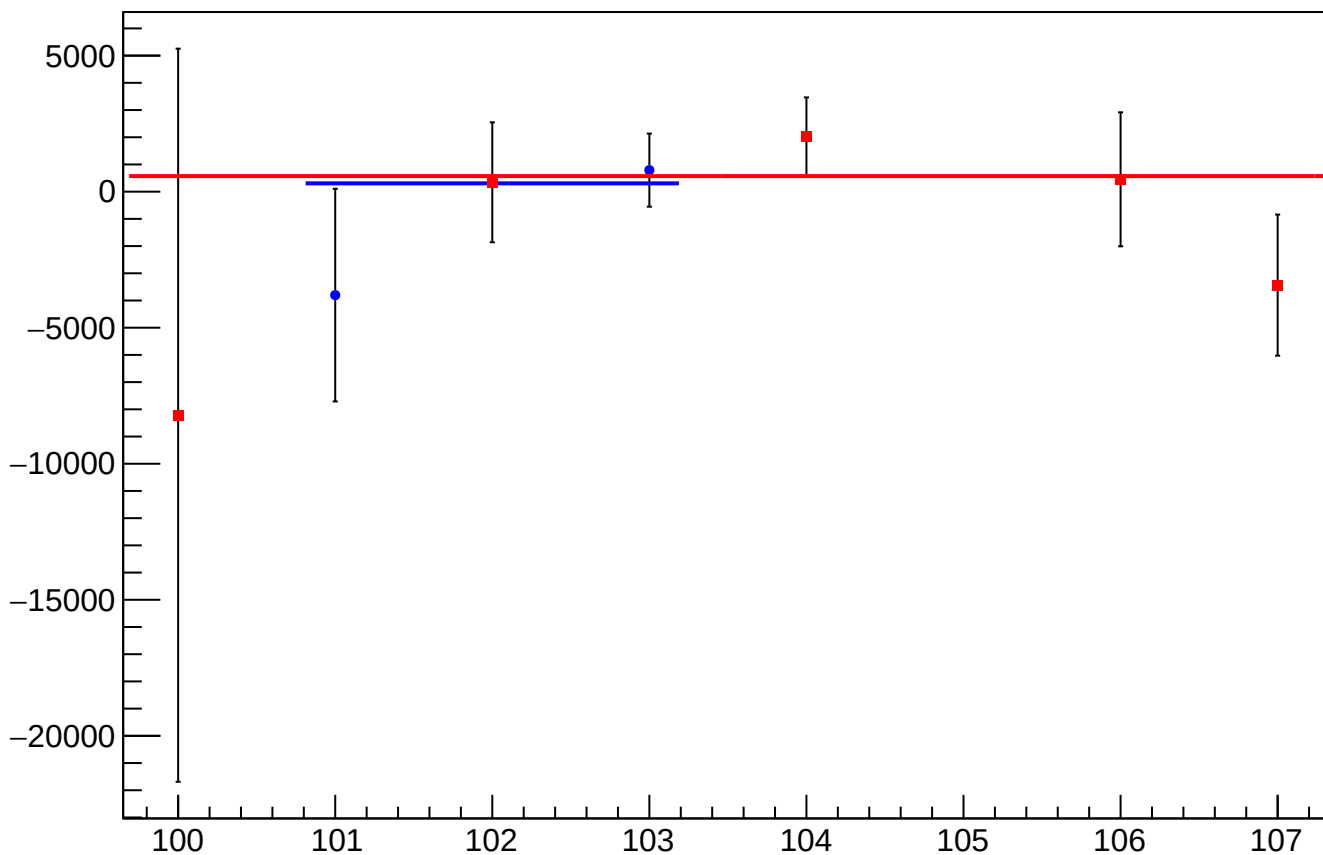
Right: 293.646+/-0.172 χ^2/NDF : 1993964.5/6

In: 294.090+/-0.255 χ^2/NDF : 1135761.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 293.646+/-0.172 χ^2/NDF : 1993964.5/6

eigen_cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 305.650+/-1270.495 χ^2/NDF : 1.2/1

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

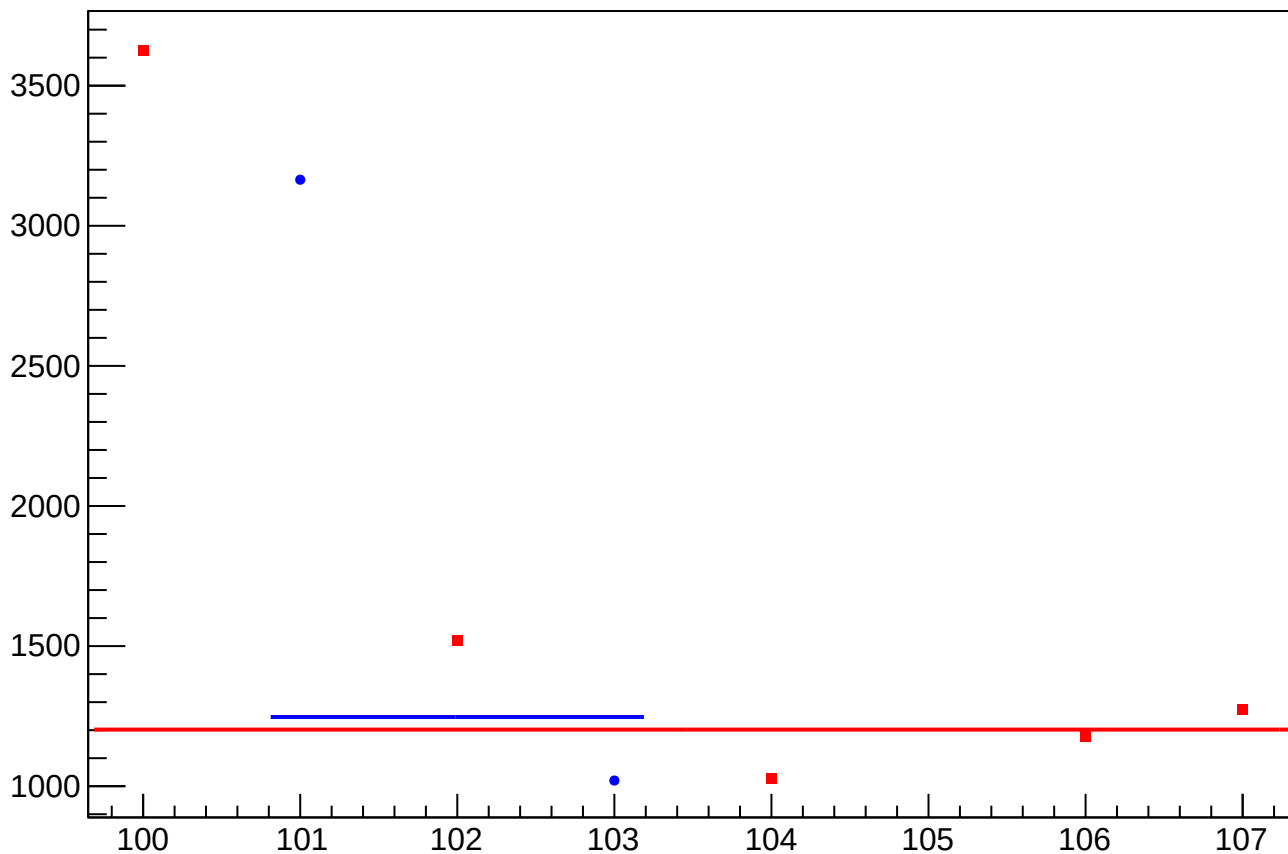
Right: 470.595+/-782.981 χ^2/NDF : 5.1/6

In: 305.650+/-1270.495 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 470.595+/-782.981 χ^2/NDF : 5.1/6

eigen_cor_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1246.933+/-0.898 χ^2/NDF : 538547.3/1

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

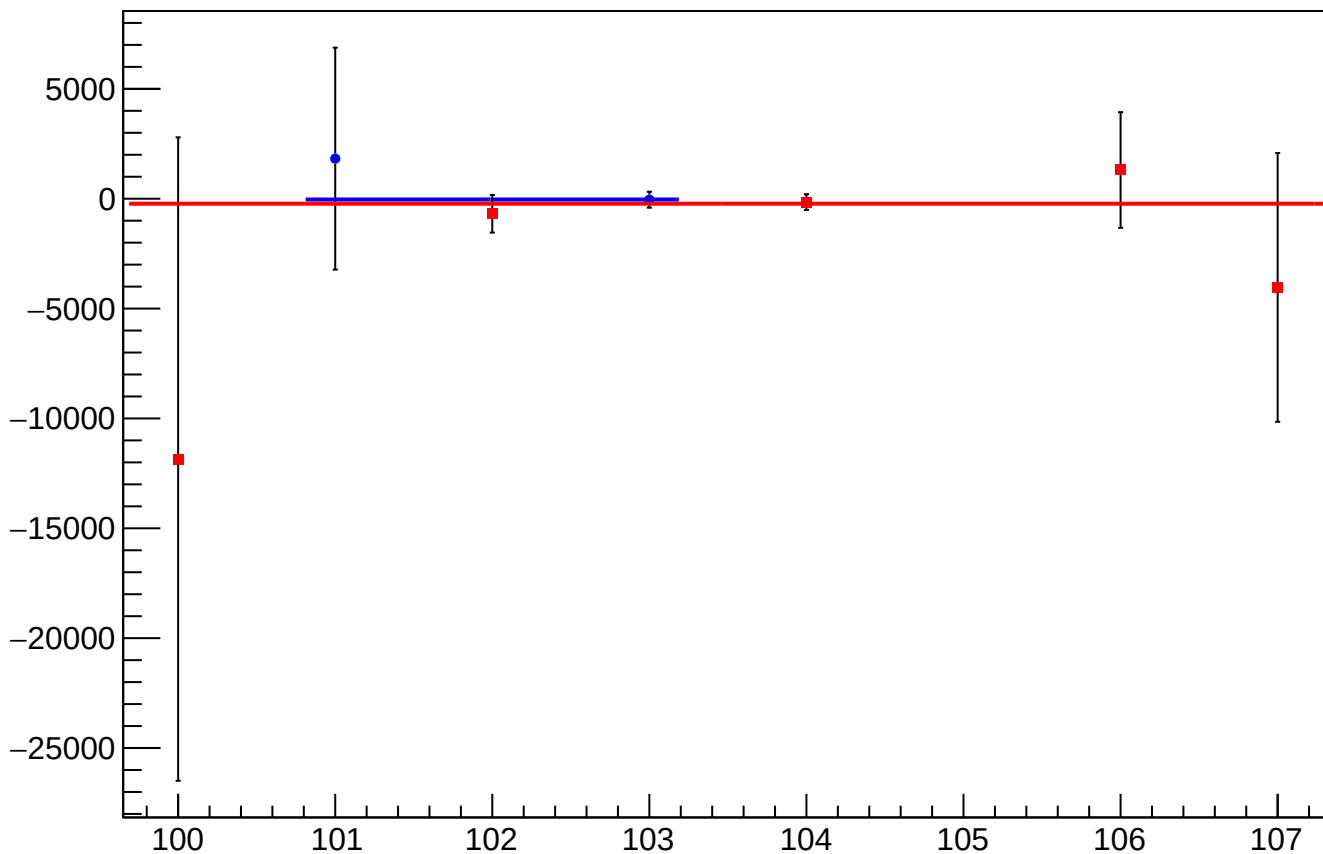
Right: 1219.016+/-0.553 χ^2/NDF : 678384.7/6

In: 1246.933+/-0.898 χ^2/NDF : 538547.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1219.016+/-0.553 χ^2/NDF : 678384.7/6

asym_us_avg_atlr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -35.669+/-361.331 χ^2/NDF : 0.1/1

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

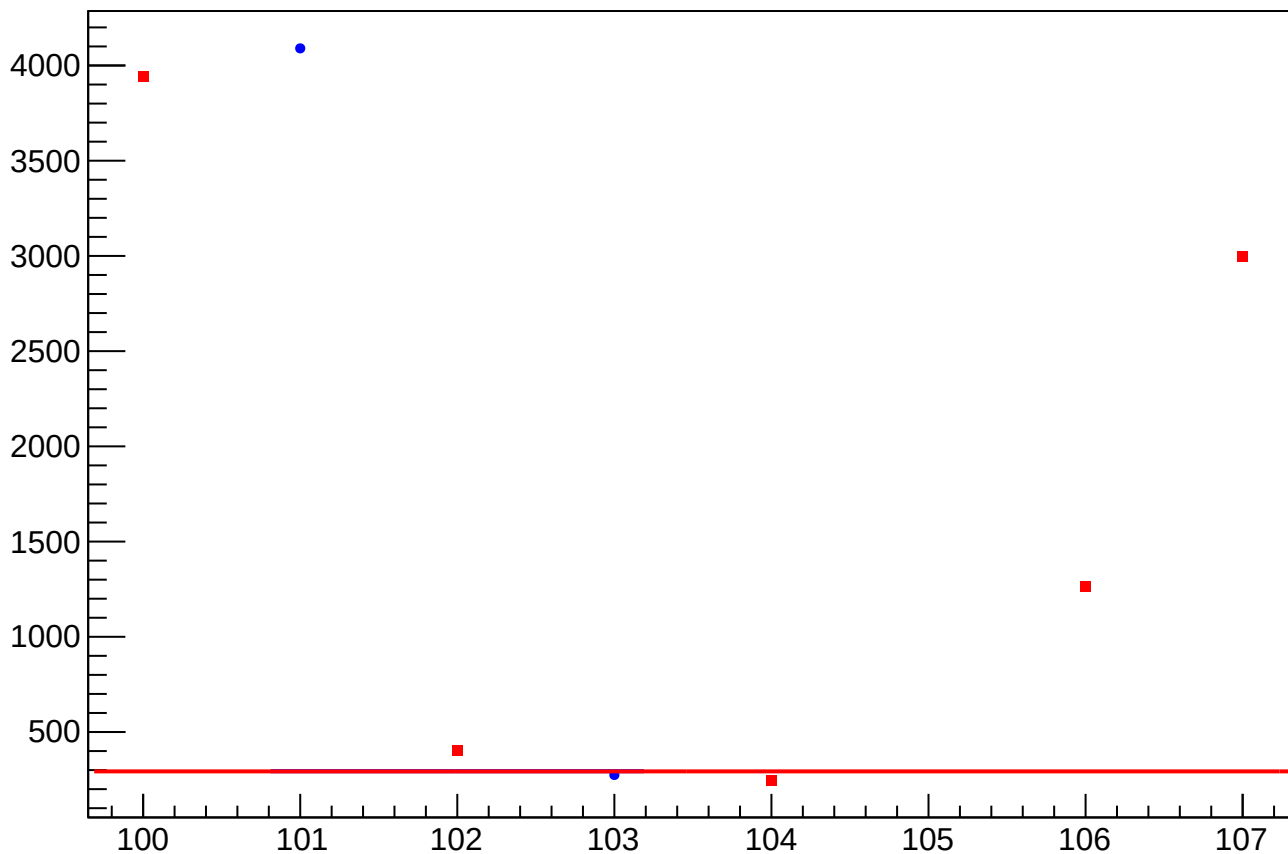
Right: -140.600+/-243.328 χ^2/NDF : 2.0/6

In: -35.669+/-361.331 χ^2/NDF :0.1/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -140.600+/-243.328 χ^2/NDF : 2.0/6

asym_us_avg_atlr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 294.090+/-0.255 χ^2/NDF : 1135761.5/1

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

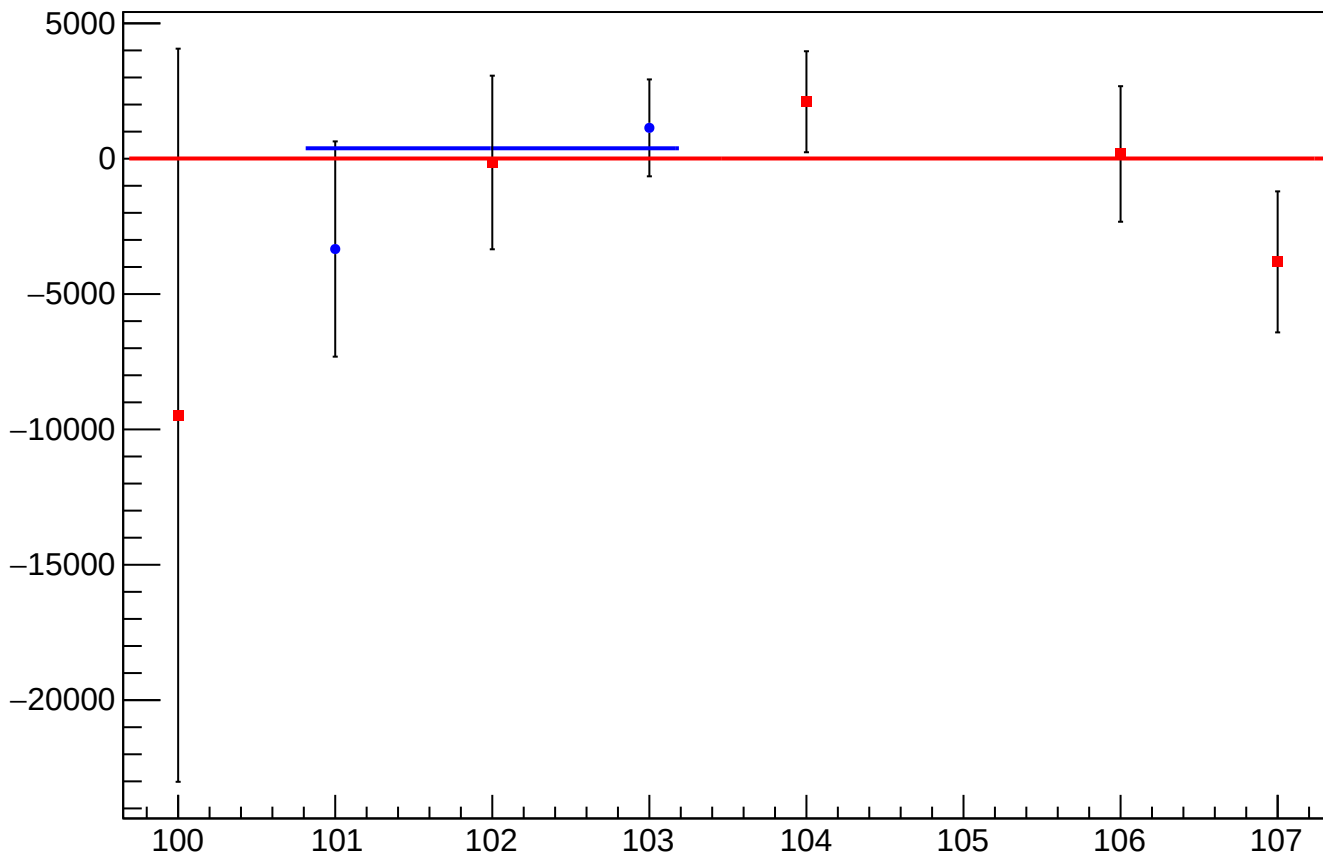
Right: 293.646+/-0.172 χ^2/NDF : 1993964.5/6

In: 294.090+/-0.255 χ^2/NDF : 1135761.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 293.646+/-0.172 χ^2/NDF : 1993964.5/6

dit_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 384.722+/-1632.101 χ^2 /NDF: 1.1/1

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

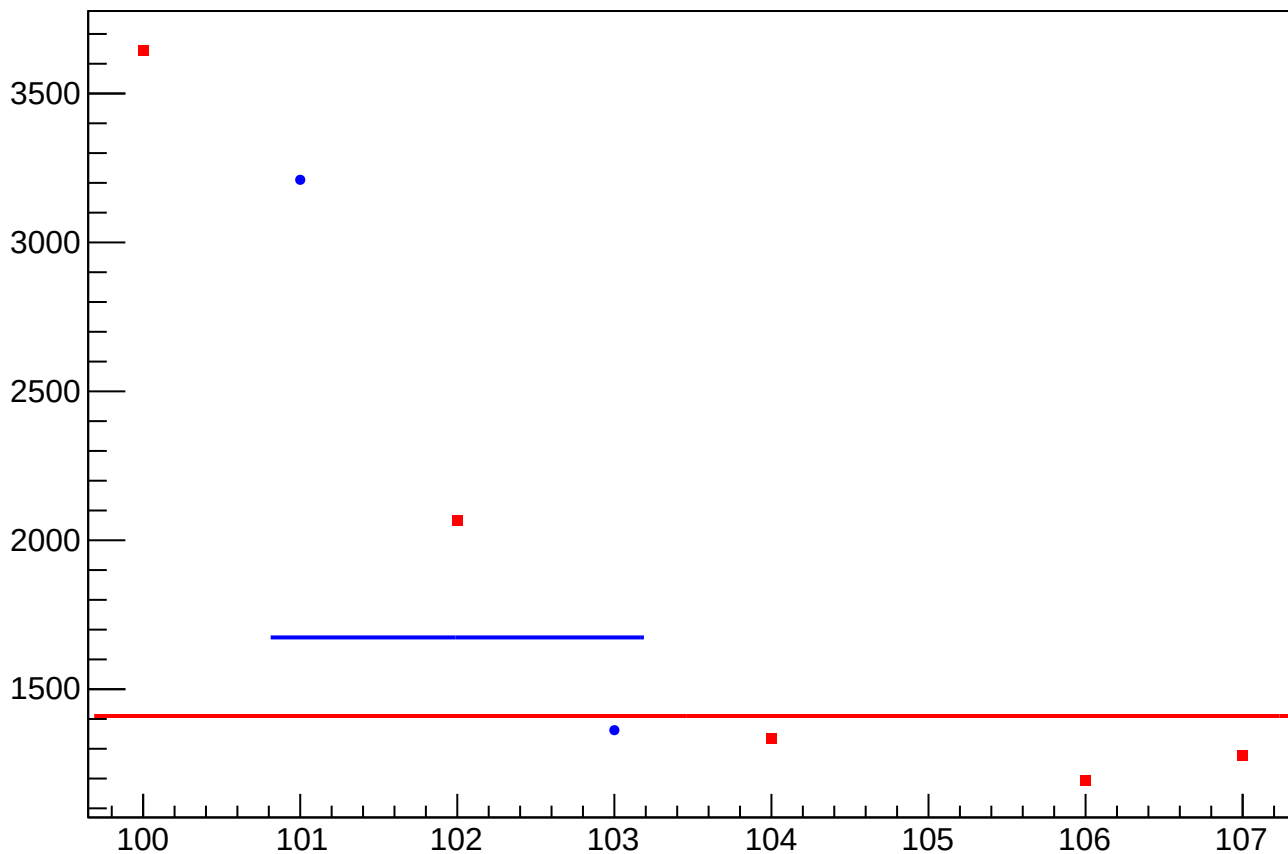
Right: 139.498+/-965.668 χ^2 /NDF: 5.0/6

In: 384.722+/-1632.101 χ^2 /NDF:1.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 139.498+/-965.668 χ^2 /NDF: 5.0/6

dit_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1673.821+/-1.154 χ^2/NDF : 359233.8/1

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

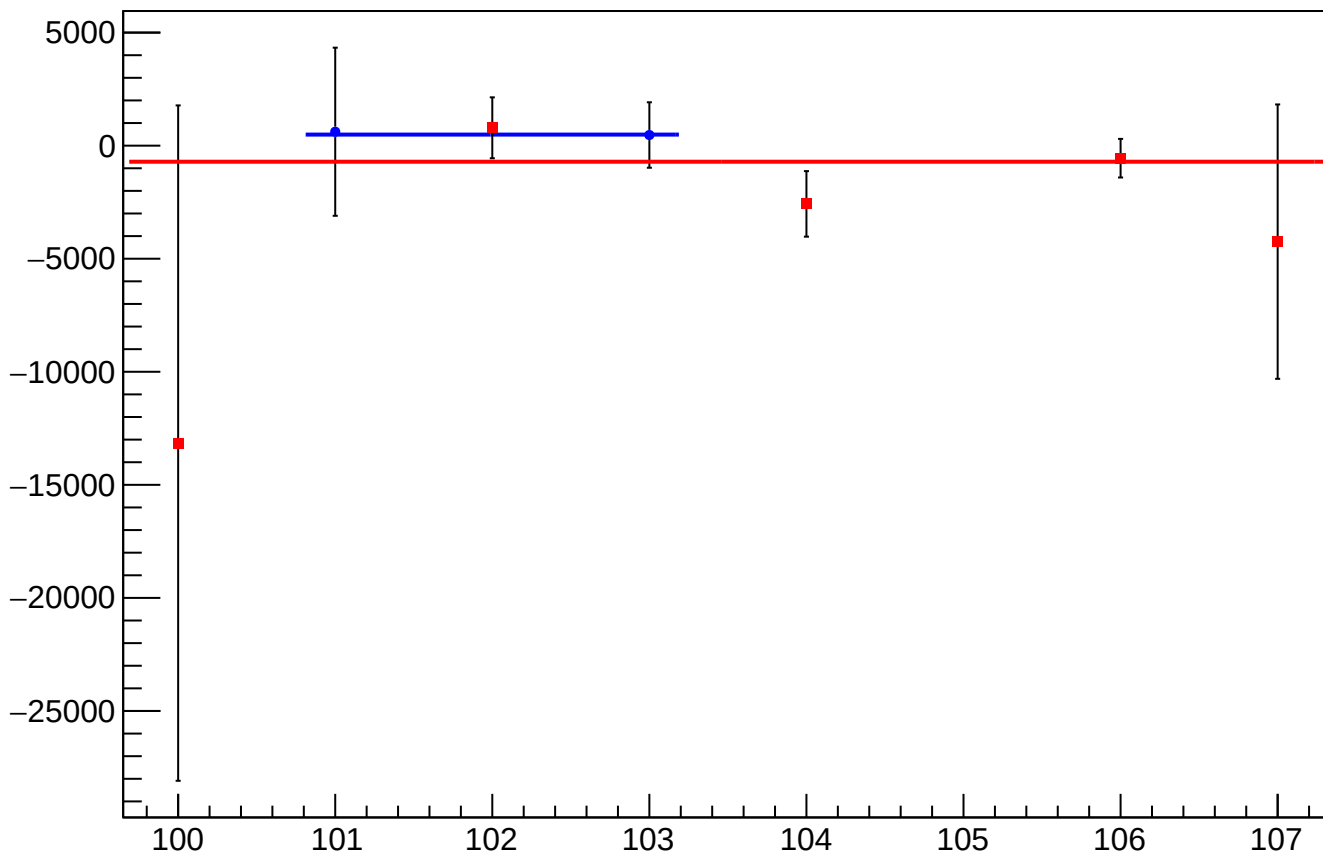
Right: 1501.979+/-0.681 χ^2/NDF : 555160.2/6

In: 1673.821+/-1.154 χ^2/NDF : 359233.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1501.979+/-0.681 χ^2/NDF : 555160.2/6

asym_us_avg_atlr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 489.591+/-1348.905 χ^2 /NDF: 0.0/1

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

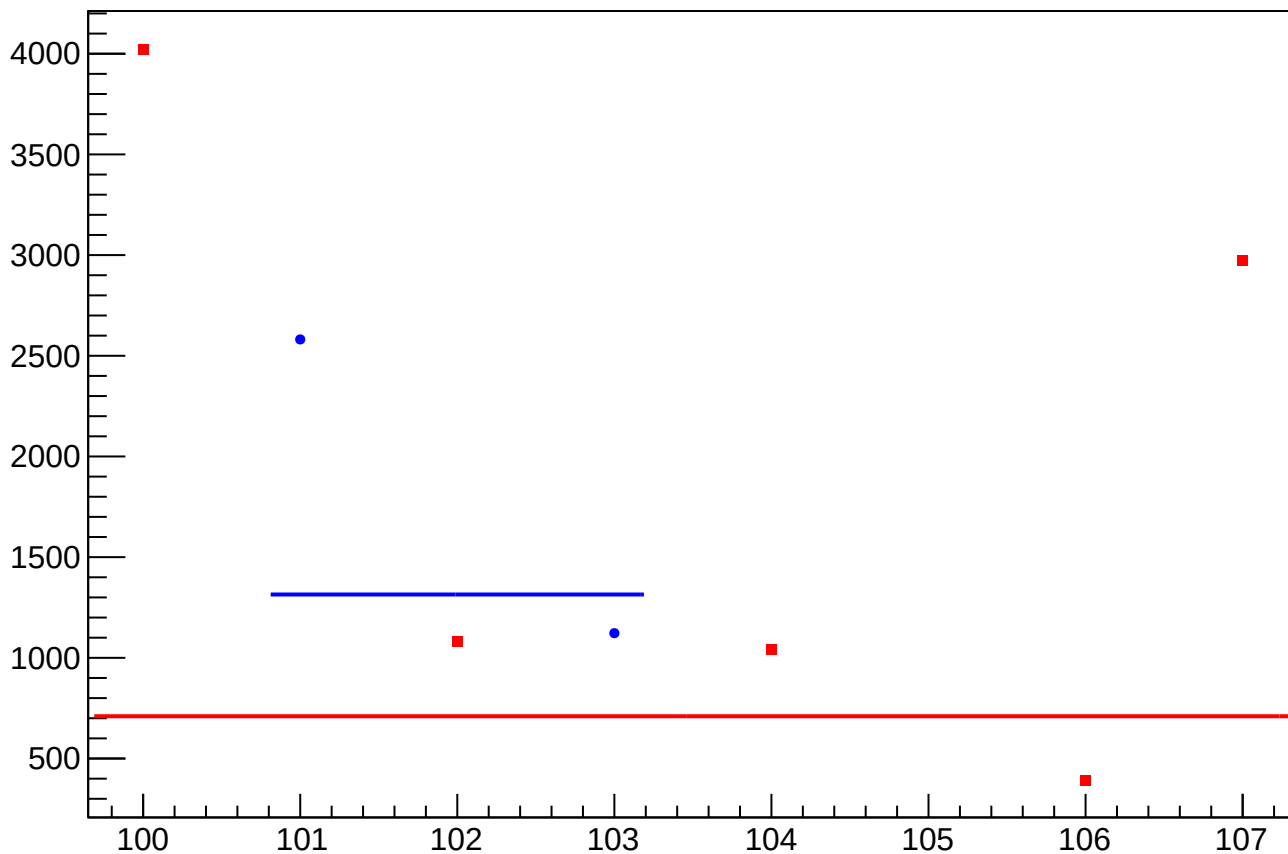
Right: -488.904+/-579.270 χ^2 /NDF: 4.6/6

In: 489.591+/-1348.905 χ^2 /NDF: 0.0/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -488.904+/-579.270 χ^2 /NDF: 4.6/6

asym_us_avg_atlr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1314.525+/-0.954 χ^2/NDF : 267383.2/1

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

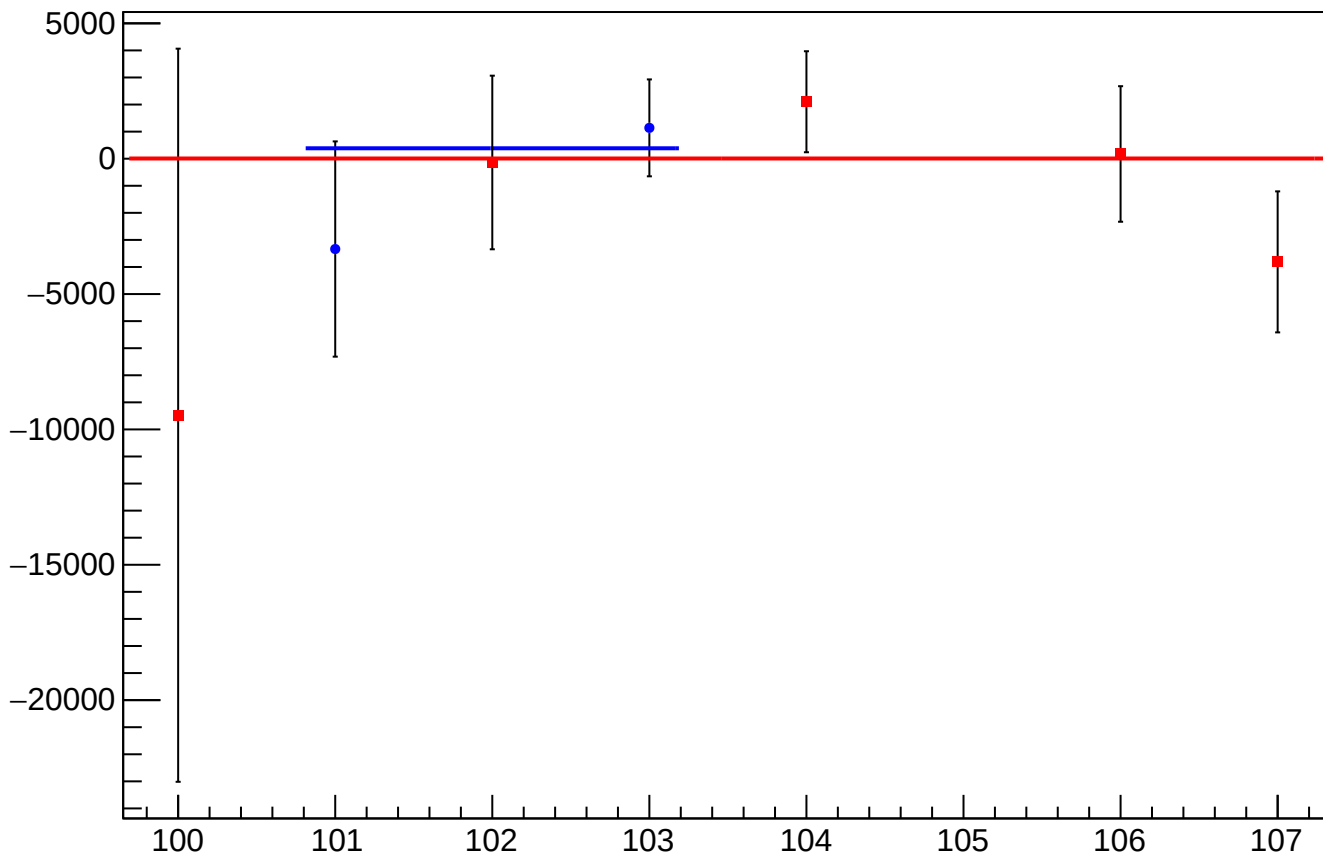
Right: 821.420+/-0.410 χ^2/NDF : 1509455.5/6

In: 1314.525+/-0.954 χ^2/NDF : 267383.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 821.420+/-0.410 χ^2/NDF : 1509455.5/6

eigen_dit_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 384.725+/-1632.101 χ^2 /NDF: 1.1/1

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

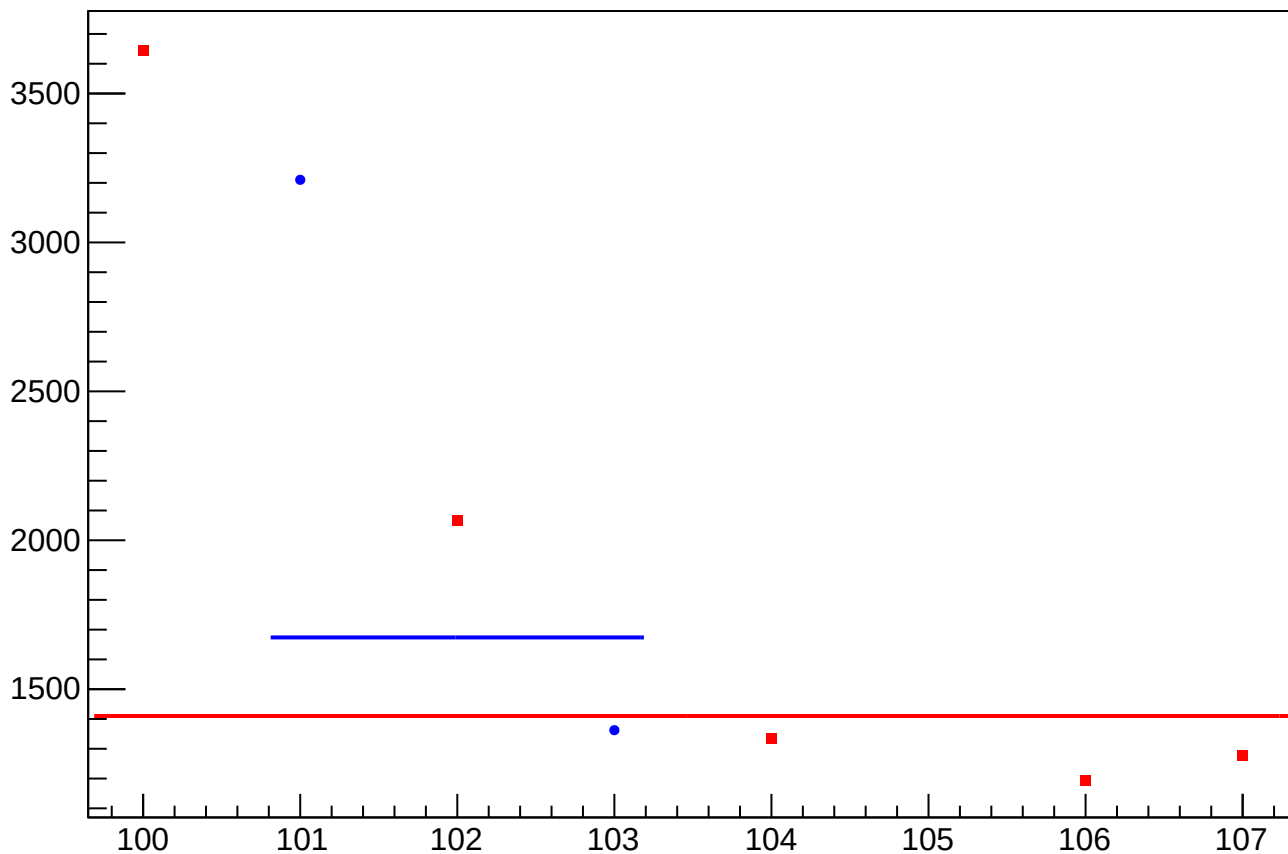
Right: 139.495+/-965.668 χ^2 /NDF: 5.0/6

In: 384.725+/-1632.101 χ^2 /NDF: 1.1/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 139.495+/-965.668 χ^2 /NDF: 5.0/6

eigen_dit_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1673.820+/-1.154 χ^2/NDF : 359234.0/1

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

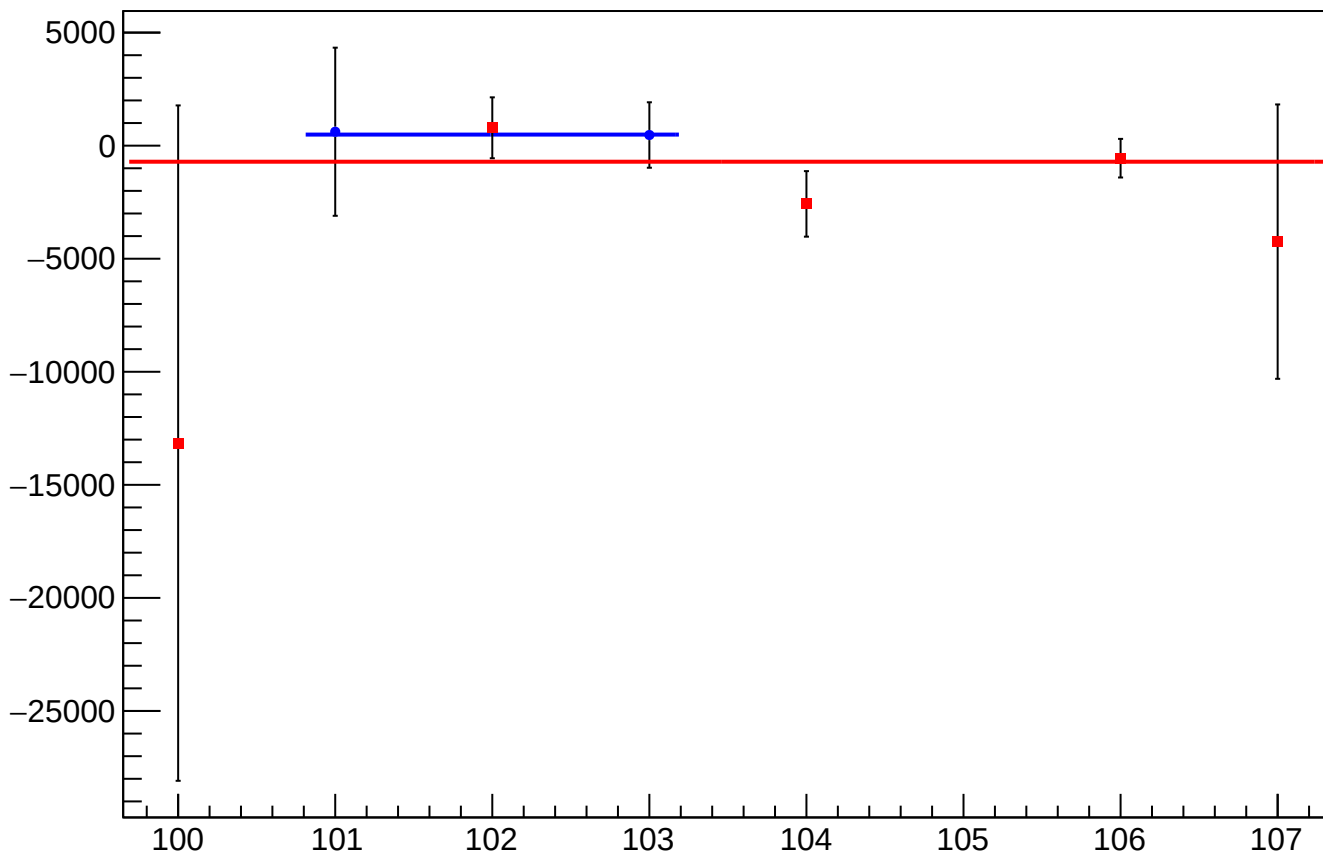
Right: 1501.978+/-0.681 χ^2/NDF : 555160.3/6

In: 1673.820+/-1.154 χ^2/NDF : 359234.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1501.978+/-0.681 χ^2/NDF : 555160.3/6

asym_us_avg_atlr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 489.591+/-1348.905 χ^2/NDF : 0.0/1

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

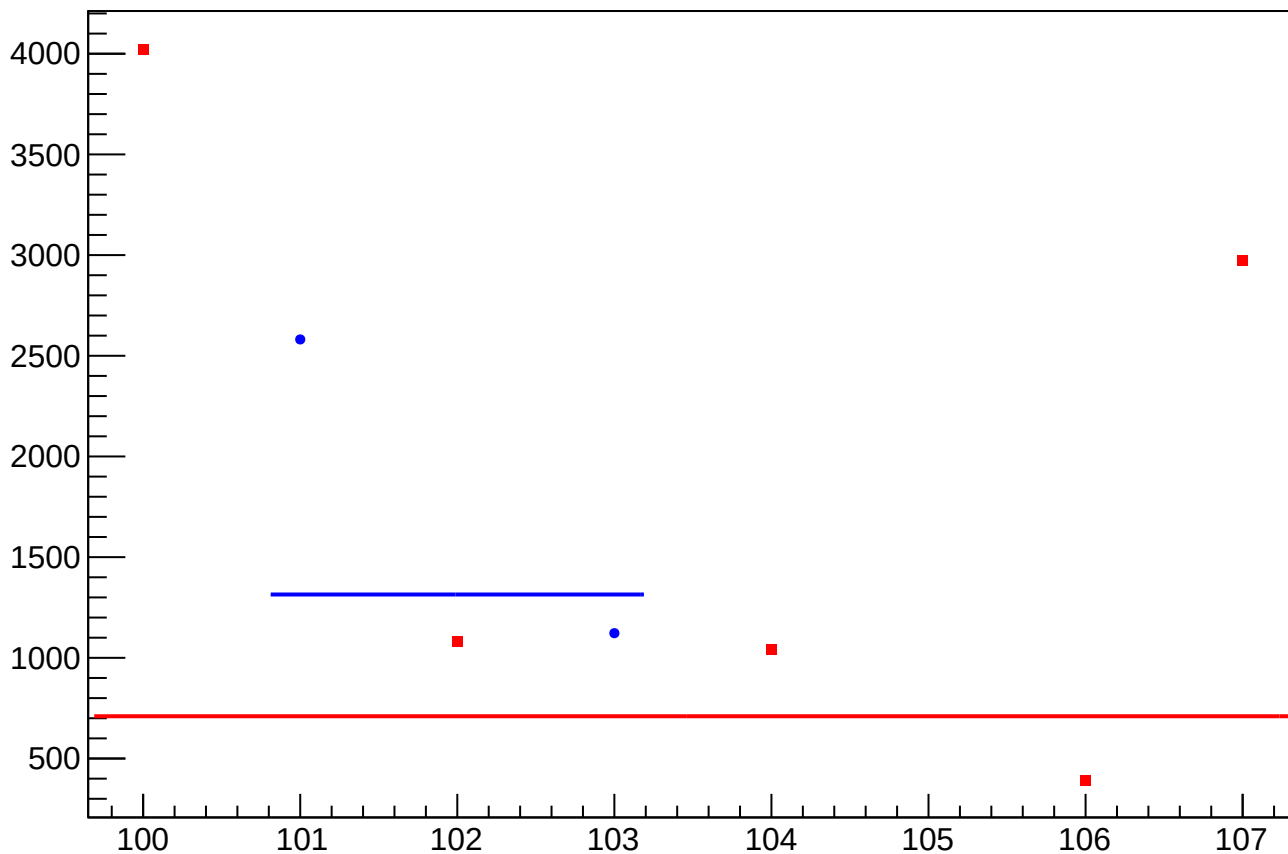
Right: -488.904+/-579.263 χ^2/NDF : 4.6/6

In: 489.591+/-1348.905 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -488.904+/-579.263 χ^2/NDF : 4.6/6

asym_us_avg_atlr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1314.525+/-0.954 χ^2/NDF : 267383.1/1

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

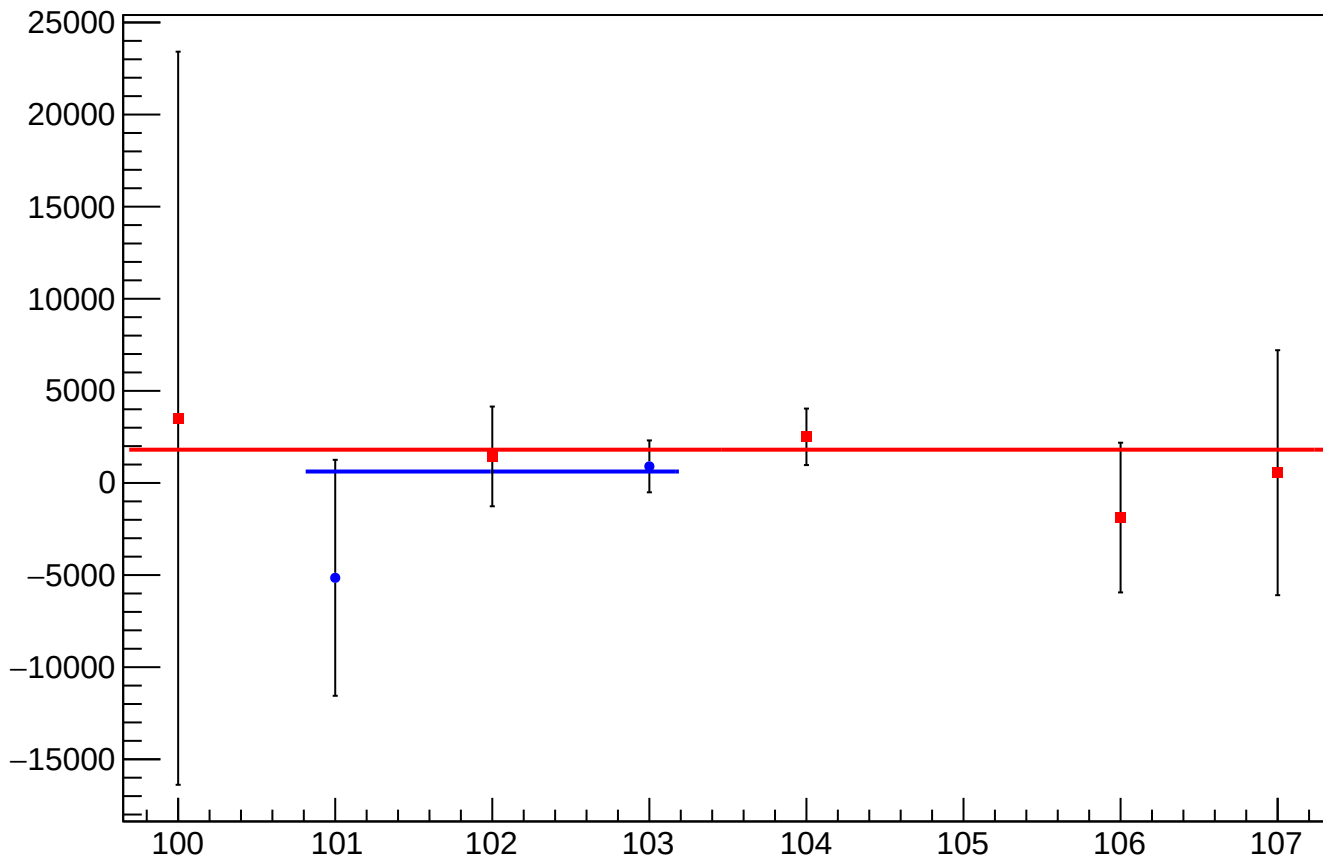
Right: 821.404+/-0.410 χ^2/NDF : 1509510.4/6

In: 1314.525+/-0.954 χ^2/NDF : 267383.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 821.404+/-0.410 χ^2/NDF : 1509510.4/6

asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 621.463+/-1375.731 χ^2 /NDF: 0.9/1

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

Right Out: 1806.652+/-1242.810 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

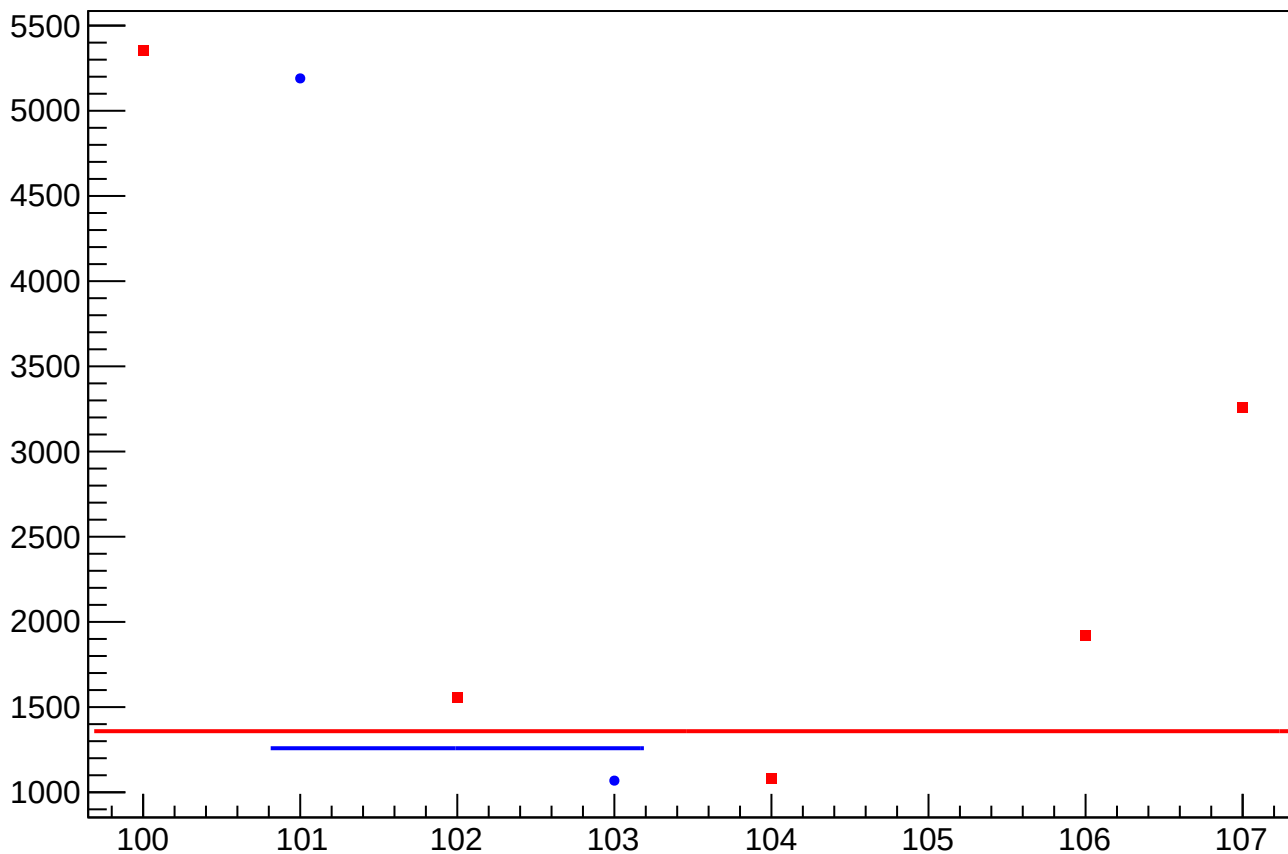
Right: 1274.065+/-922.221 χ^2 /NDF: 2.3/6

In: 621.463+/-1375.731 χ^2 /NDF: 0.9/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1274.065+/-922.221 χ^2 /NDF: 2.3/6

asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1258.615+/-0.973 χ^2/NDF : 789992.5/1

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

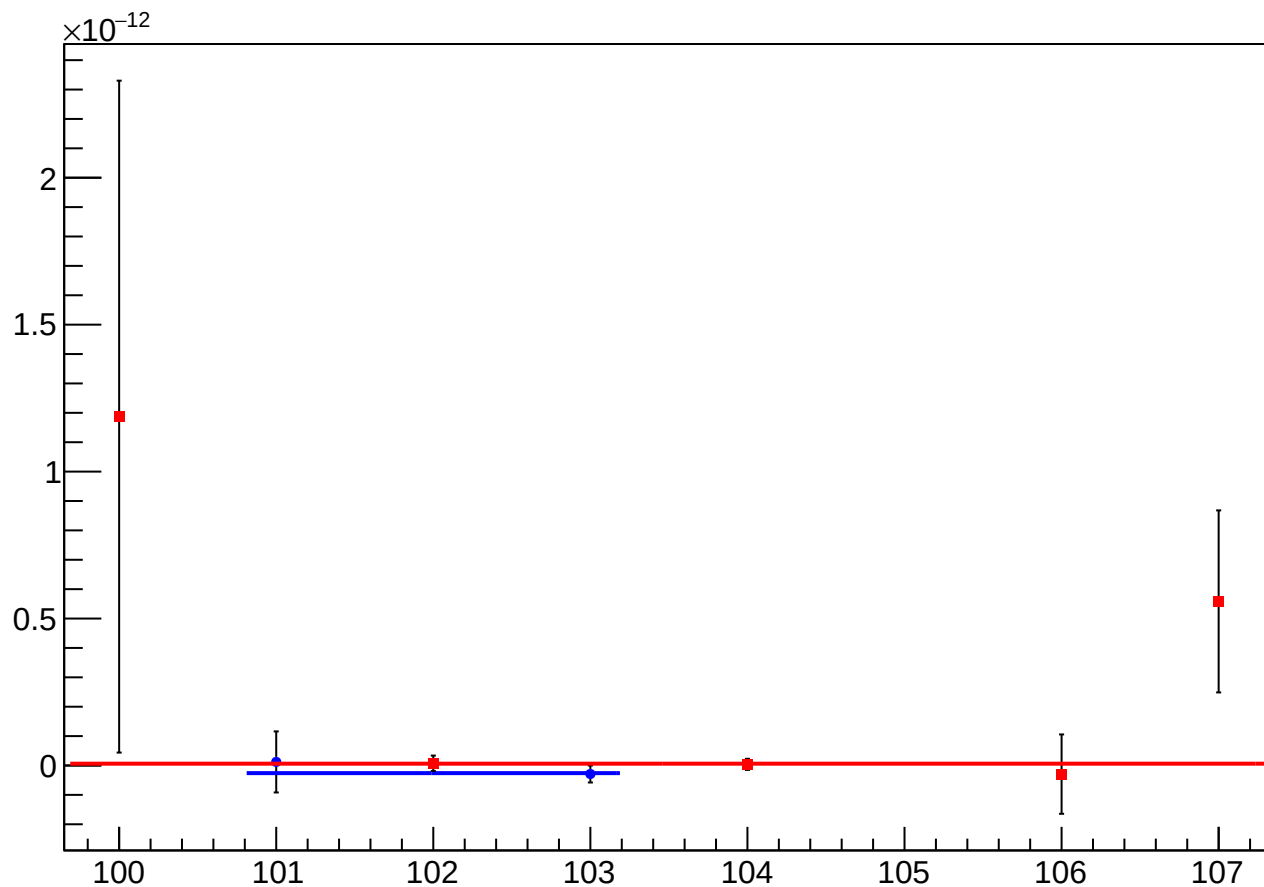
Right: 1313.899+/-0.650 χ^2/NDF : 1157705.9/6

In: 1258.615+/-0.973 χ^2/NDF : 789992.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1313.899+/-0.650 χ^2/NDF : 1157705.9/6

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/1

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

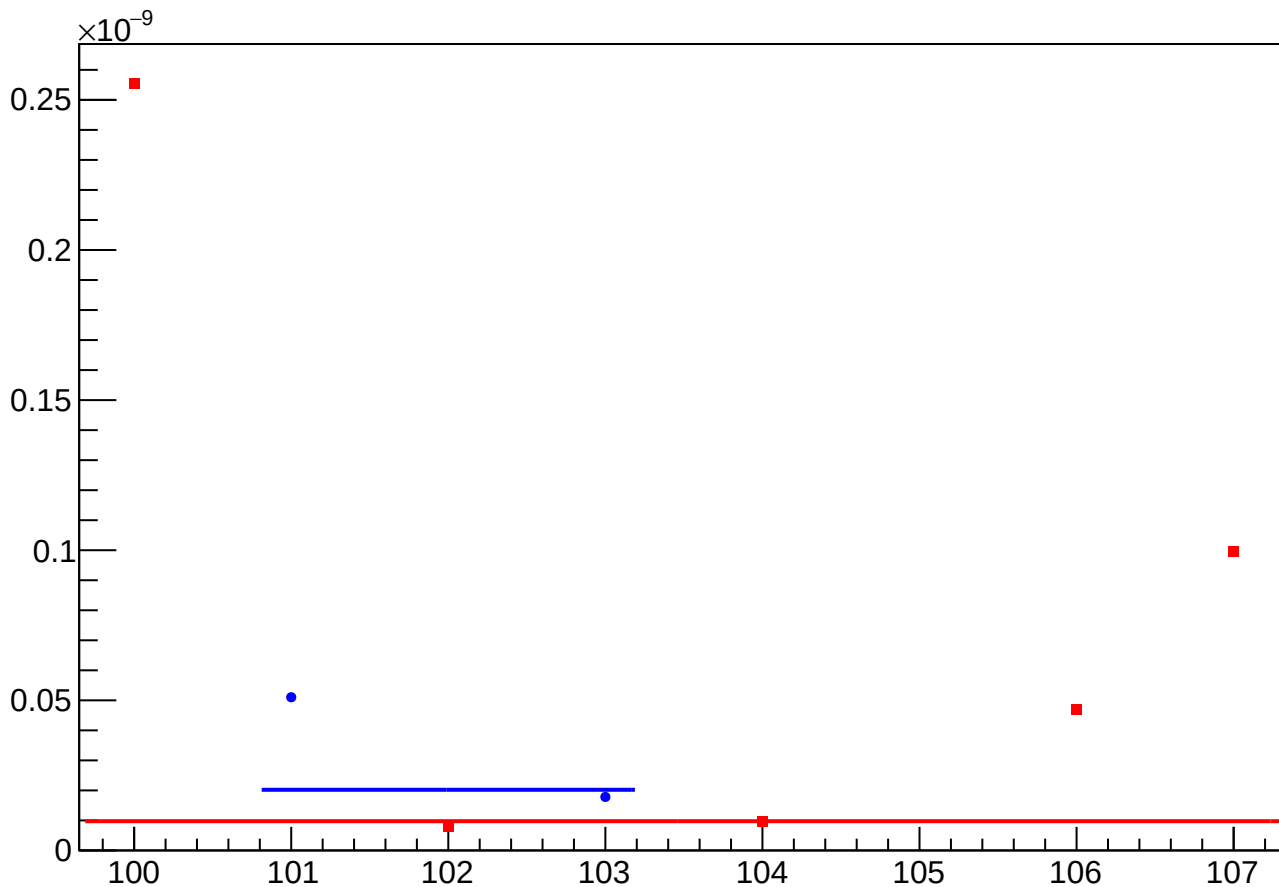
Right: -0.000+/-0.000 χ^2/NDF : 5.5/6

In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 5.5/6

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 189716.5/1

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

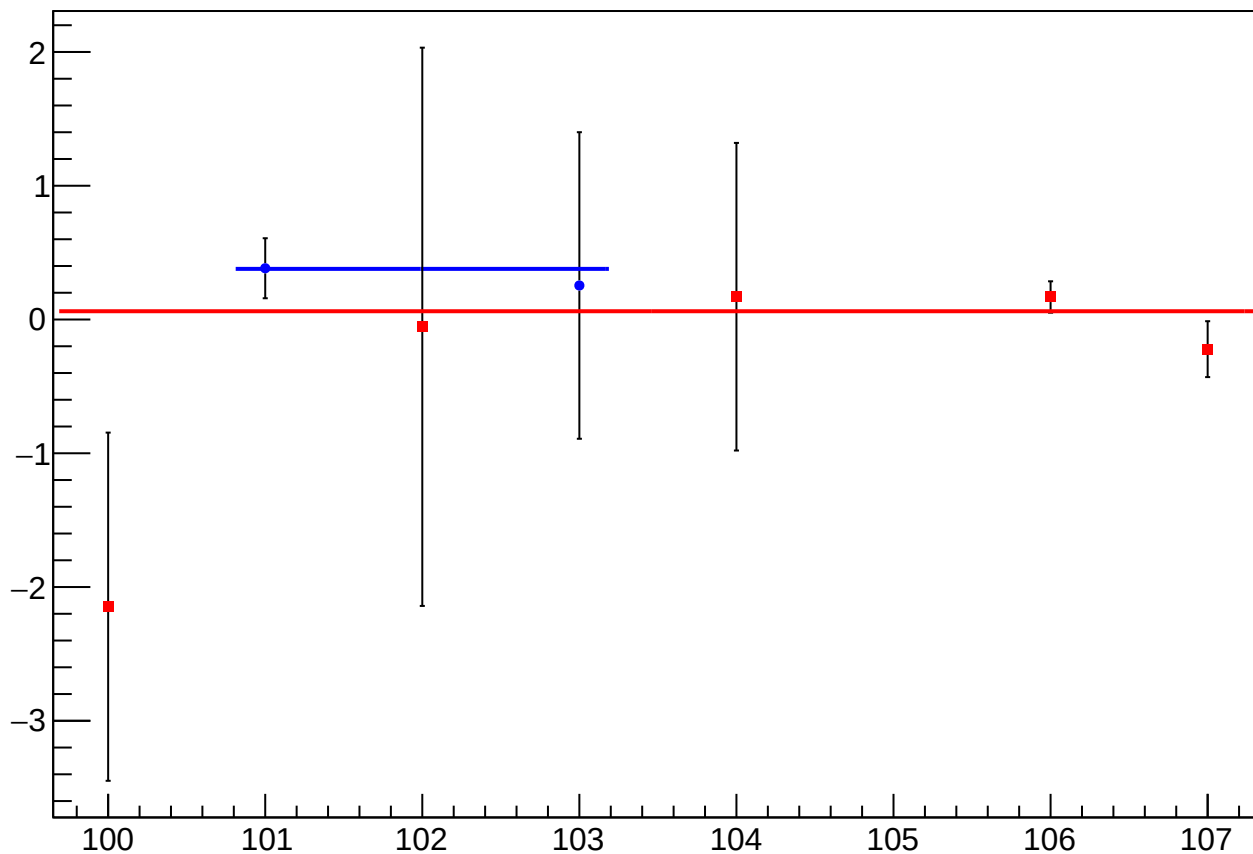
Right: 0.000+/-0.000 χ^2/NDF : 827102.6/6

In: 0.000+/-0.000 χ^2/NDF : 189716.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 827102.6/6

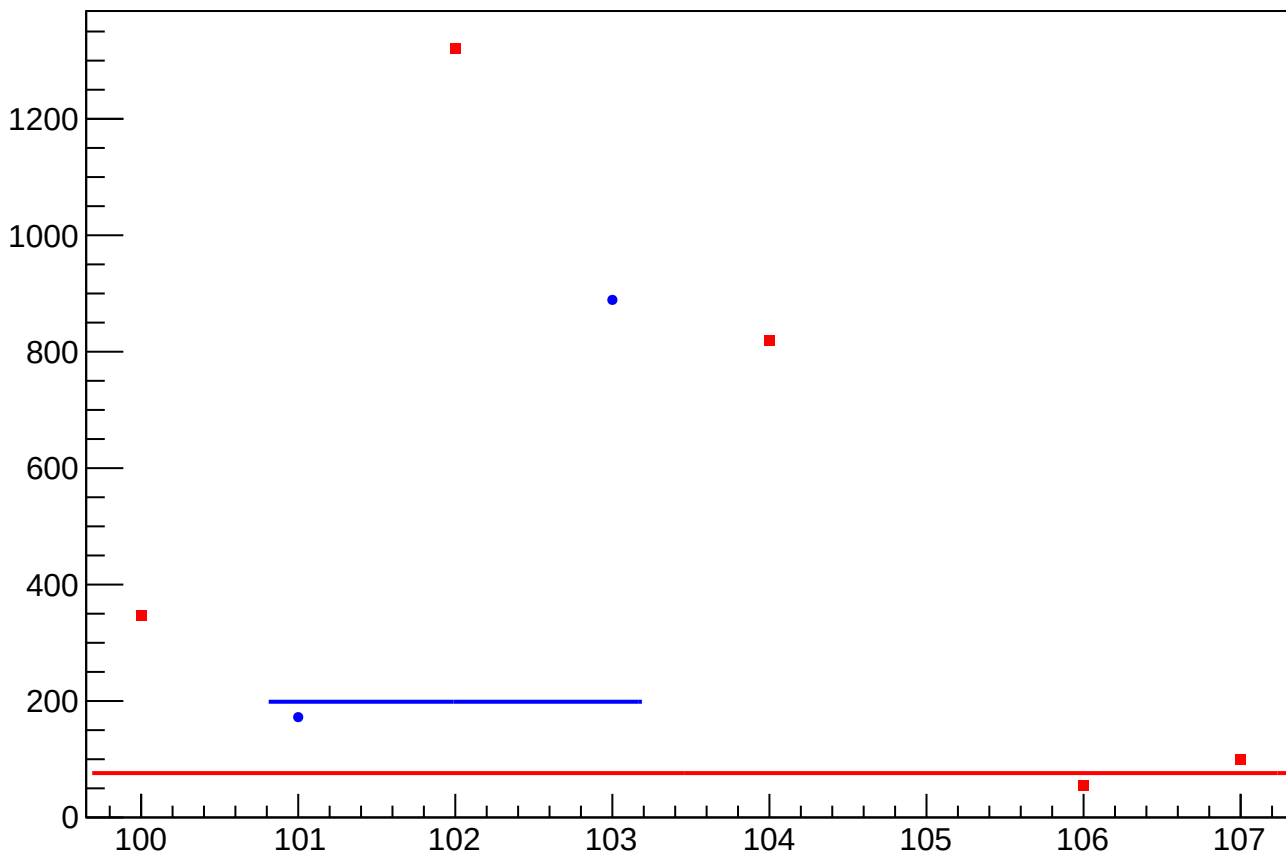
asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.378 $\pm$ 0.220 χ^2 /NDF: 0.0/1
 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: 0.117 $\pm$ 0.092 χ^2 /NDF: 7.3/6
 In: 0.378 $\pm$ 0.220 χ^2 /NDF: 0.0/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.117 $\pm$ 0.092 χ^2 /NDF: 7.3/6

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 198.759+/-0.156 χ^2/NDF : 753446.6/1

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

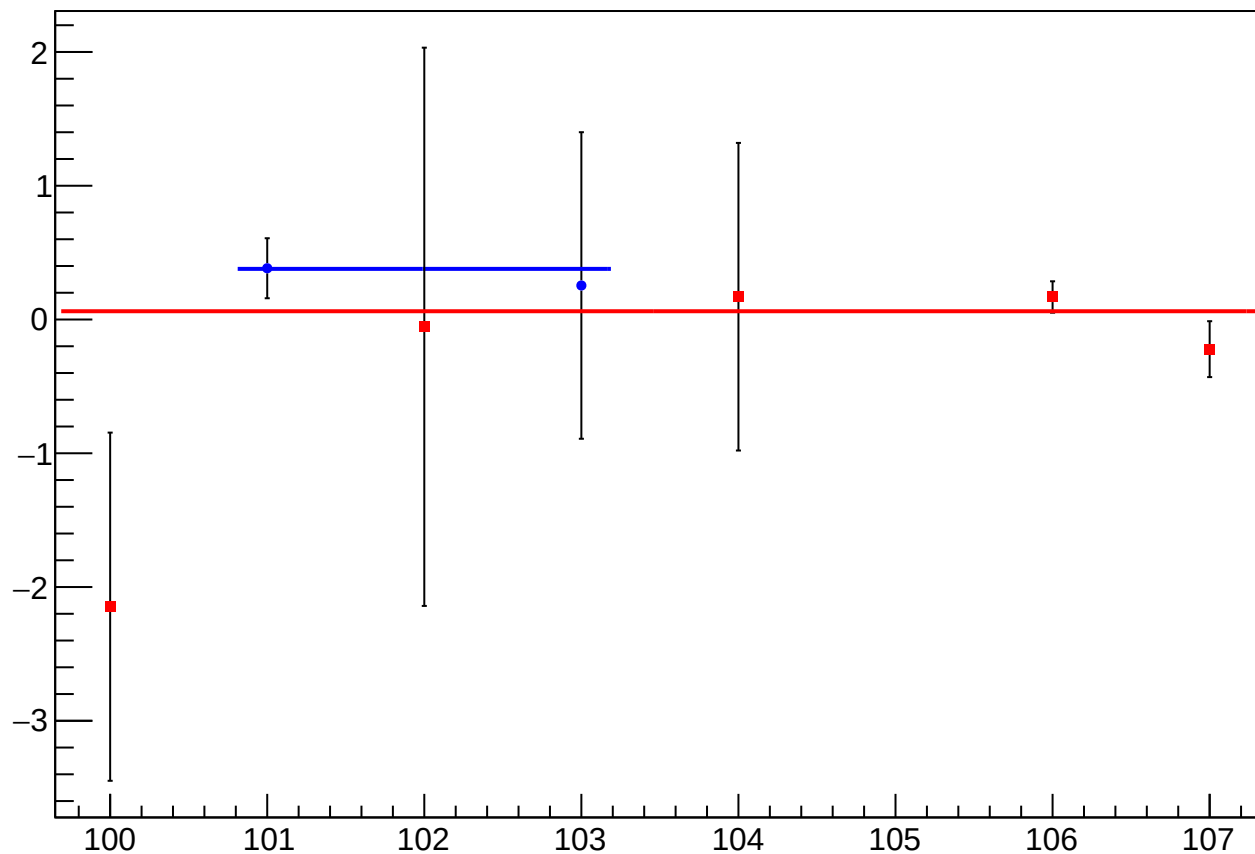
Right: 97.667+/-0.065 χ^2/NDF : 2986241.1/6

In: 198.759+/-0.156 χ^2/NDF : 753446.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.667+/-0.065 χ^2/NDF : 2986241.1/6

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.378+/-0.220 χ^2/NDF : 0.0/1

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

Right Out: 0.062+/-0.101 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

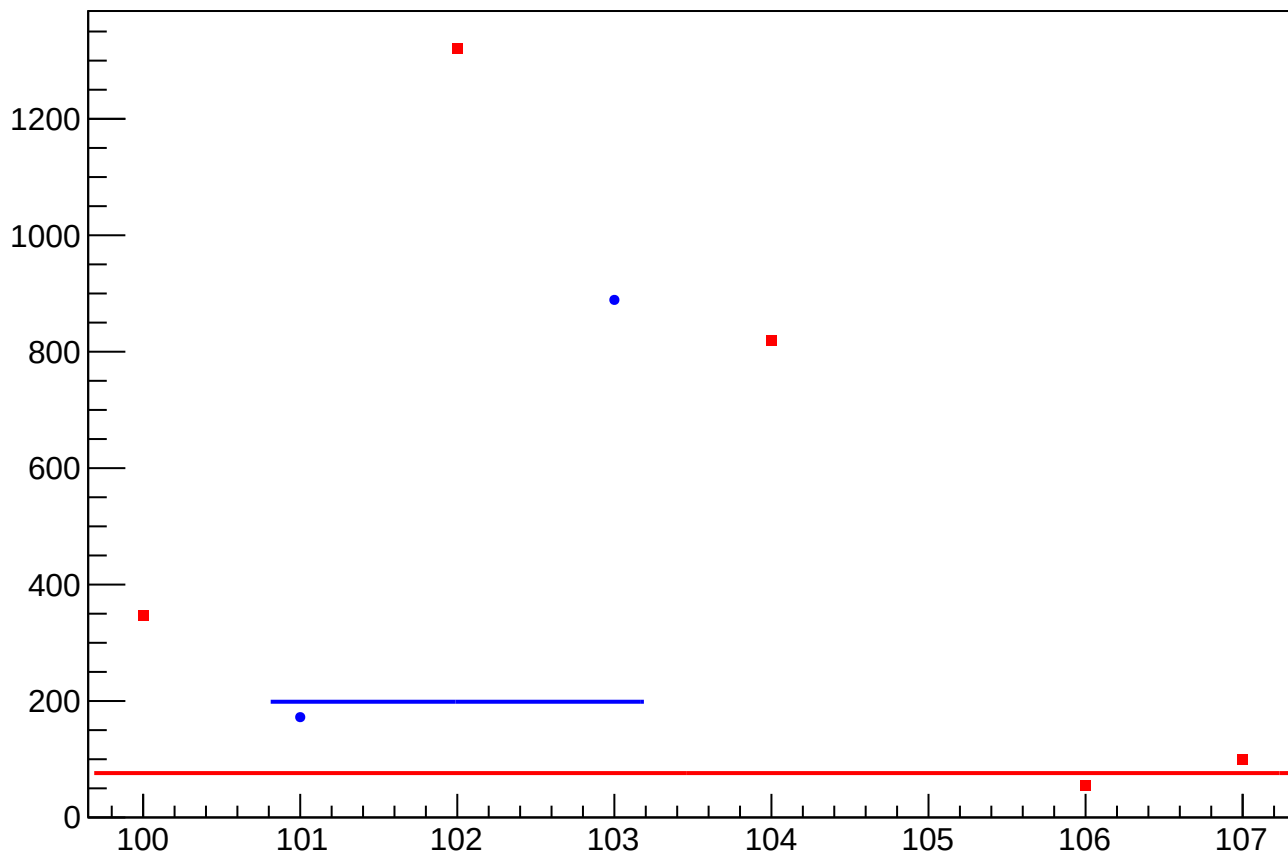
Right: 0.117+/-0.092 χ^2/NDF : 7.3/6

In: 0.378+/-0.220 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.117+/-0.092 χ^2/NDF : 7.3/6

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 198.759+/-0.156 χ^2/NDF : 753446.6/1

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

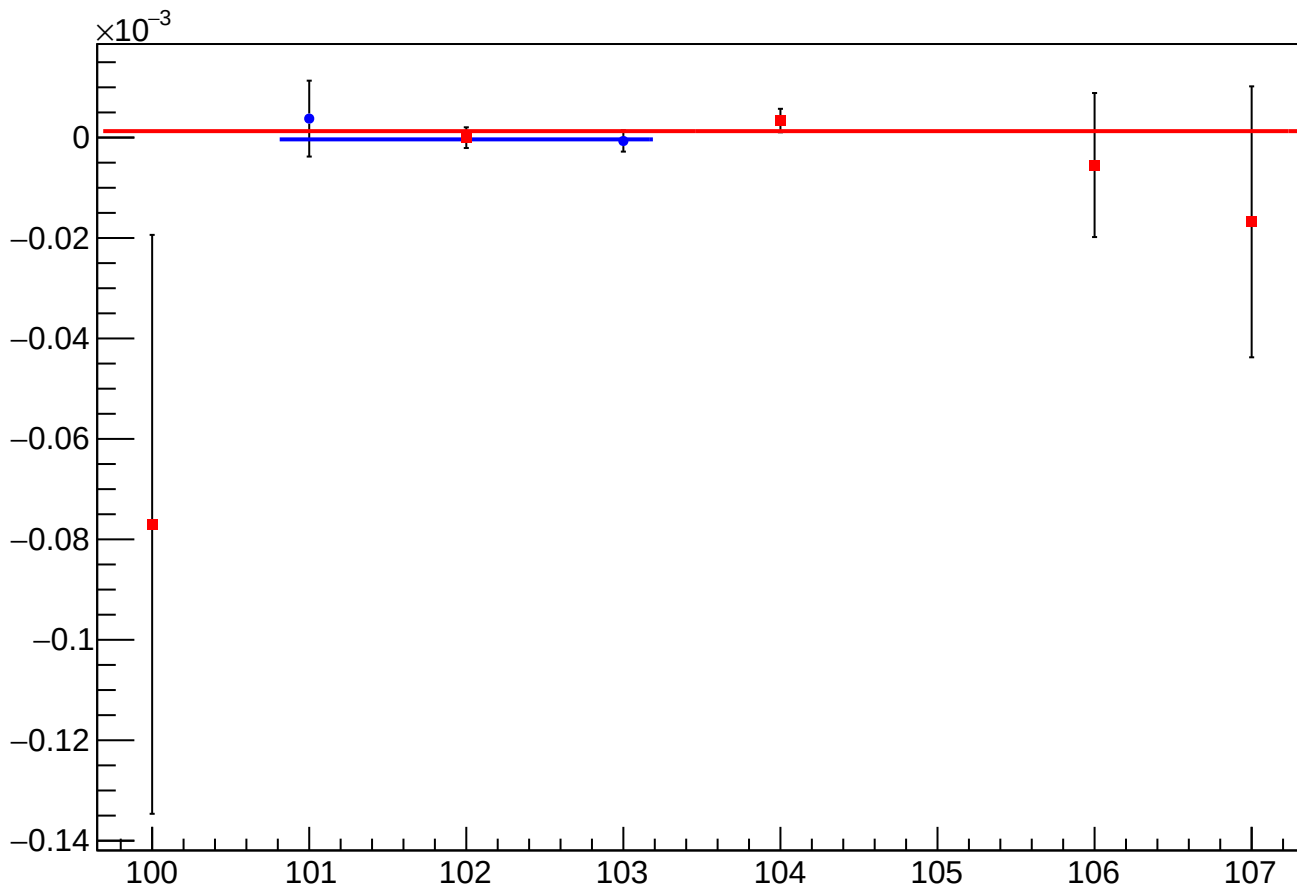
Right: 97.667+/-0.065 χ^2/NDF : 2986241.1/6

In: 198.759+/-0.156 χ^2/NDF : 753446.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.667+/-0.065 χ^2/NDF : 2986241.1/6

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: 0.3/1

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

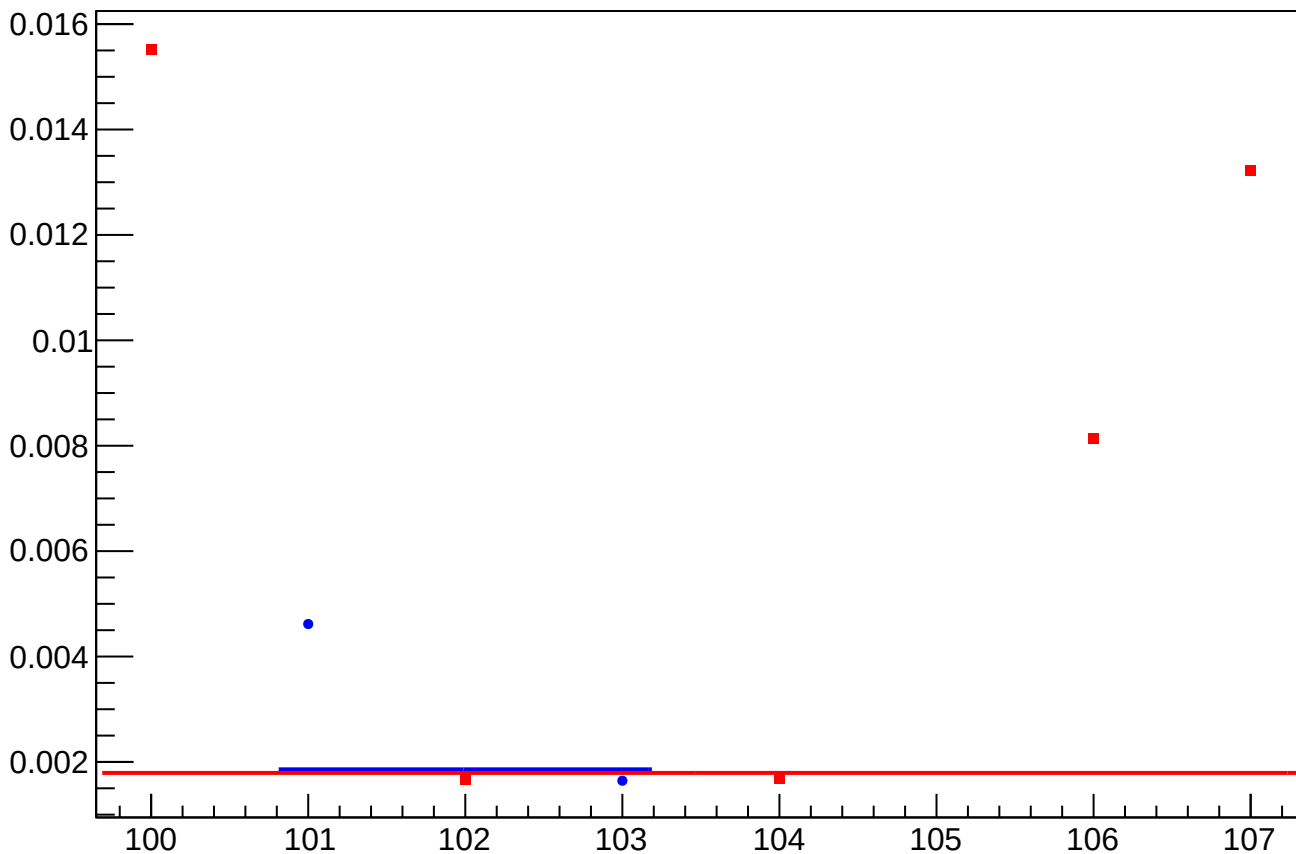
Right: 0.000+/-0.000 χ^2 /NDF: 4.5/6

In: -0.000+/-0.000 χ^2 /NDF:0.3/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 4.5/6

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 : 287180.4/1

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

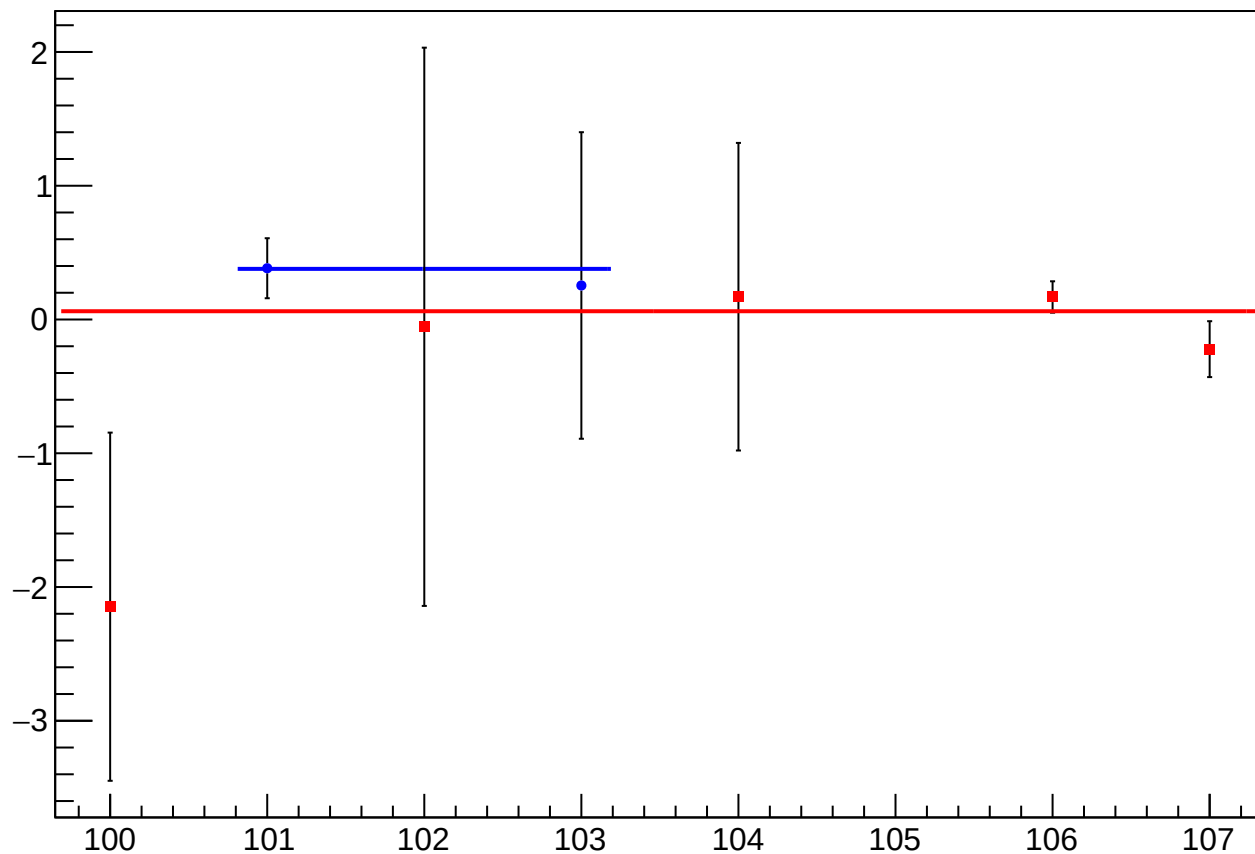
Right: 0.002+/-0.000 χ^2/NDF : 1166691.1/6

In: 0.002+/-0.000 χ^2/NDF : 287180.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1166691.1/6

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.379 $\pm$ 0.220 χ^2 /NDF: 0.0/1

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

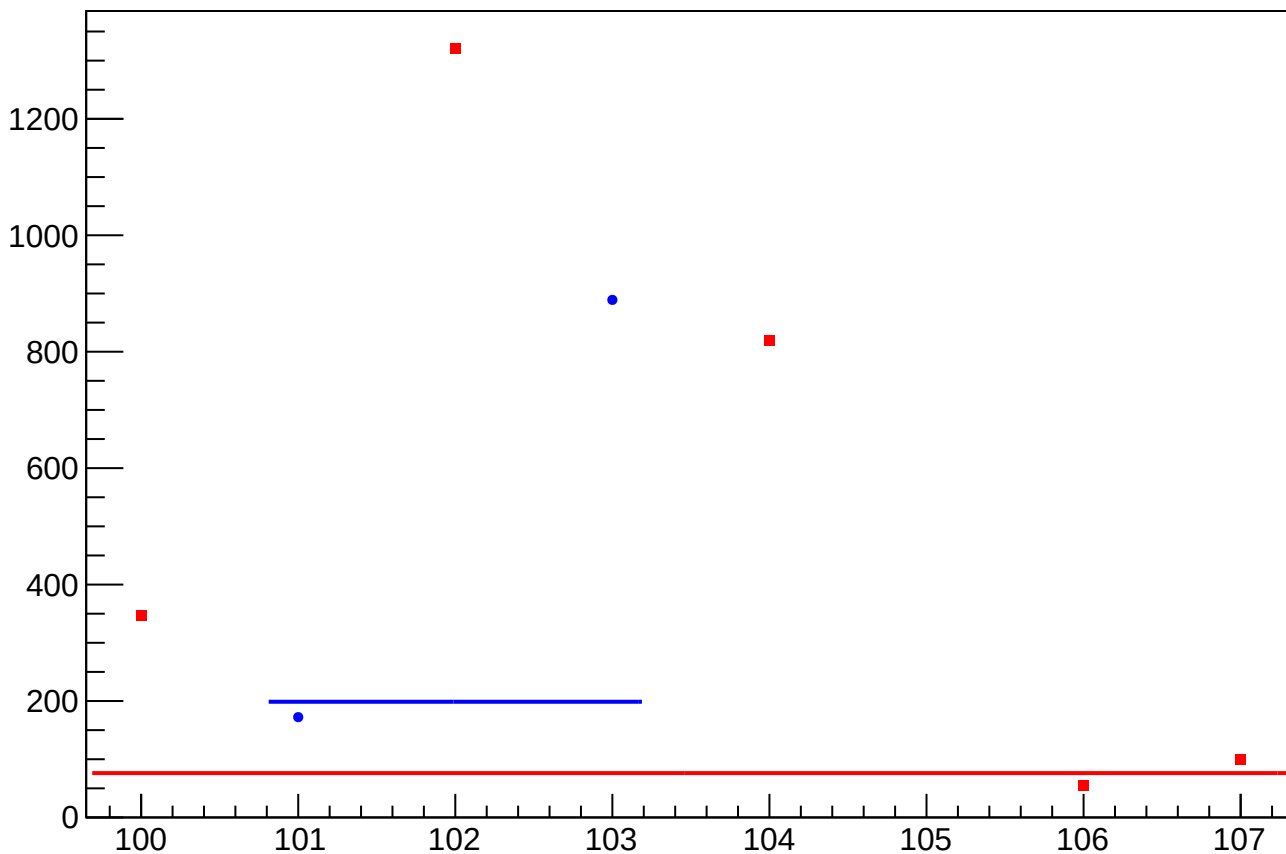
Right: 0.117 $\pm$ 0.092 χ^2 /NDF: 7.3/6

In: 0.379 $\pm$ 0.220 χ^2 /NDF: 0.0/1

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

All: 0.117 $\pm$ 0.092 χ^2 /NDF: 7.3/6

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 198.757+/-0.156 χ^2/NDF : 753450.1/1

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

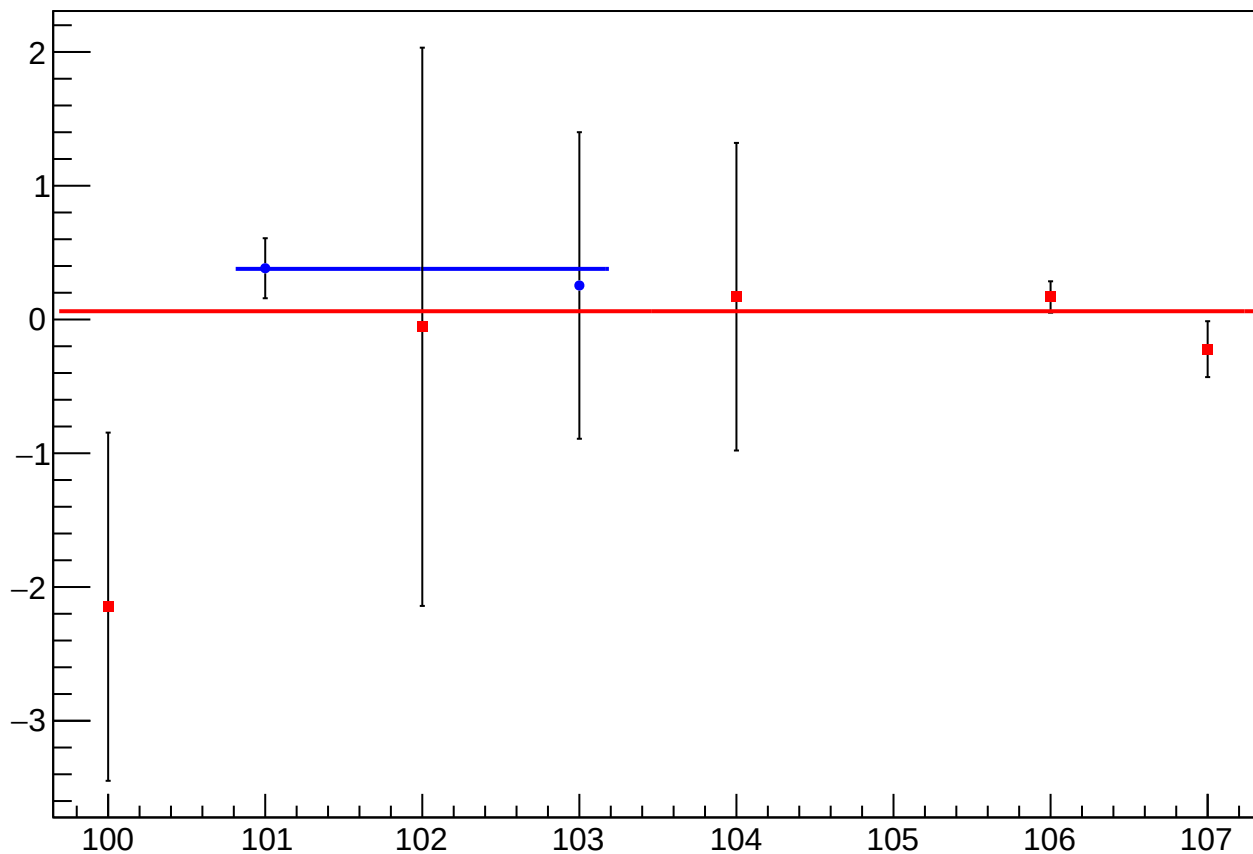
Right: 97.661+/-0.065 χ^2/NDF : 2986319.6/6

In: 198.757+/-0.156 χ^2/NDF : 753450.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.661+/-0.065 χ^2/NDF : 2986319.6/6

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.379 $\pm$ 0.220 χ^2 /NDF: 0.0/1

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

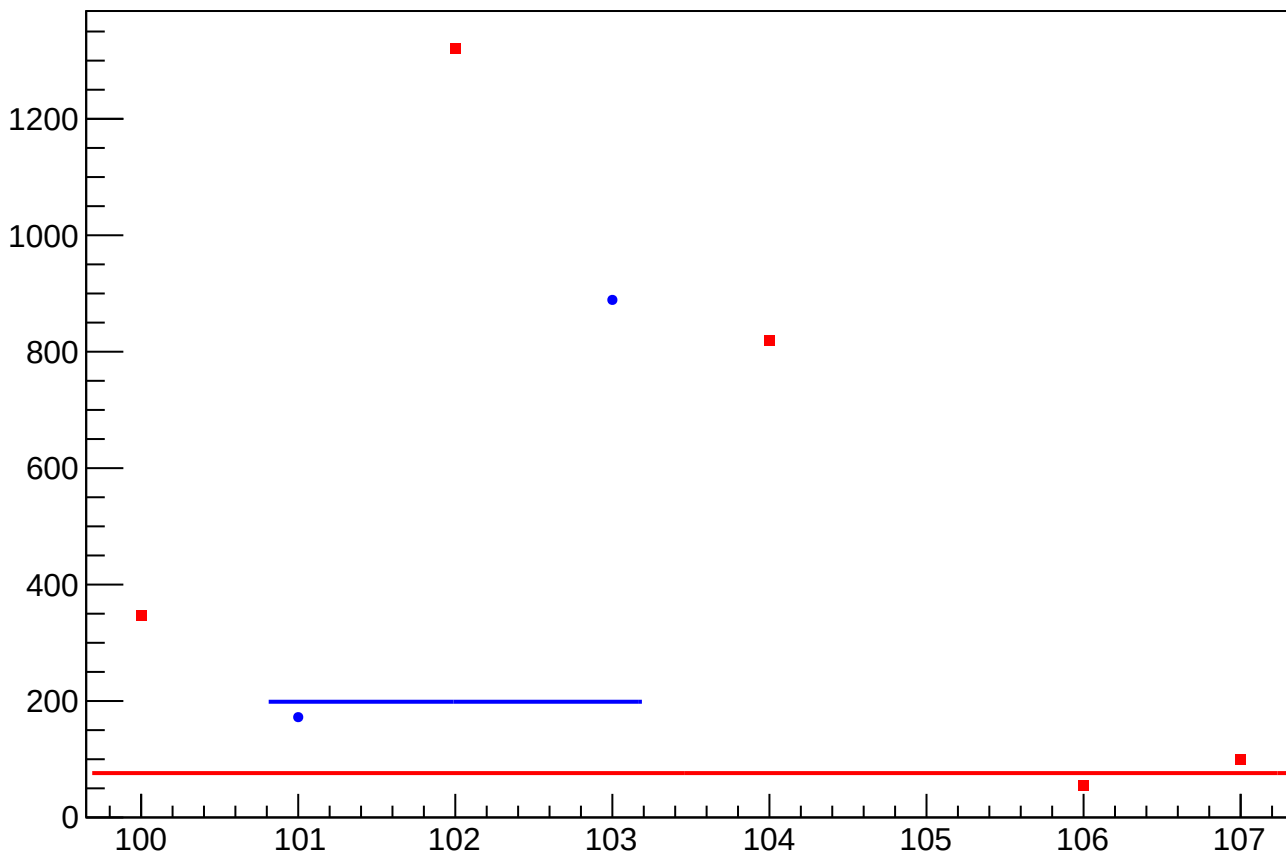
Right: 0.117 $\pm$ 0.092 χ^2 /NDF: 7.3/6

In: 0.379 $\pm$ 0.220 χ^2 /NDF: 0.0/1

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

All: 0.117 $\pm$ 0.092 χ^2 /NDF: 7.3/6

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 198.757+/-0.156 χ^2/NDF : 753450.1/1

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

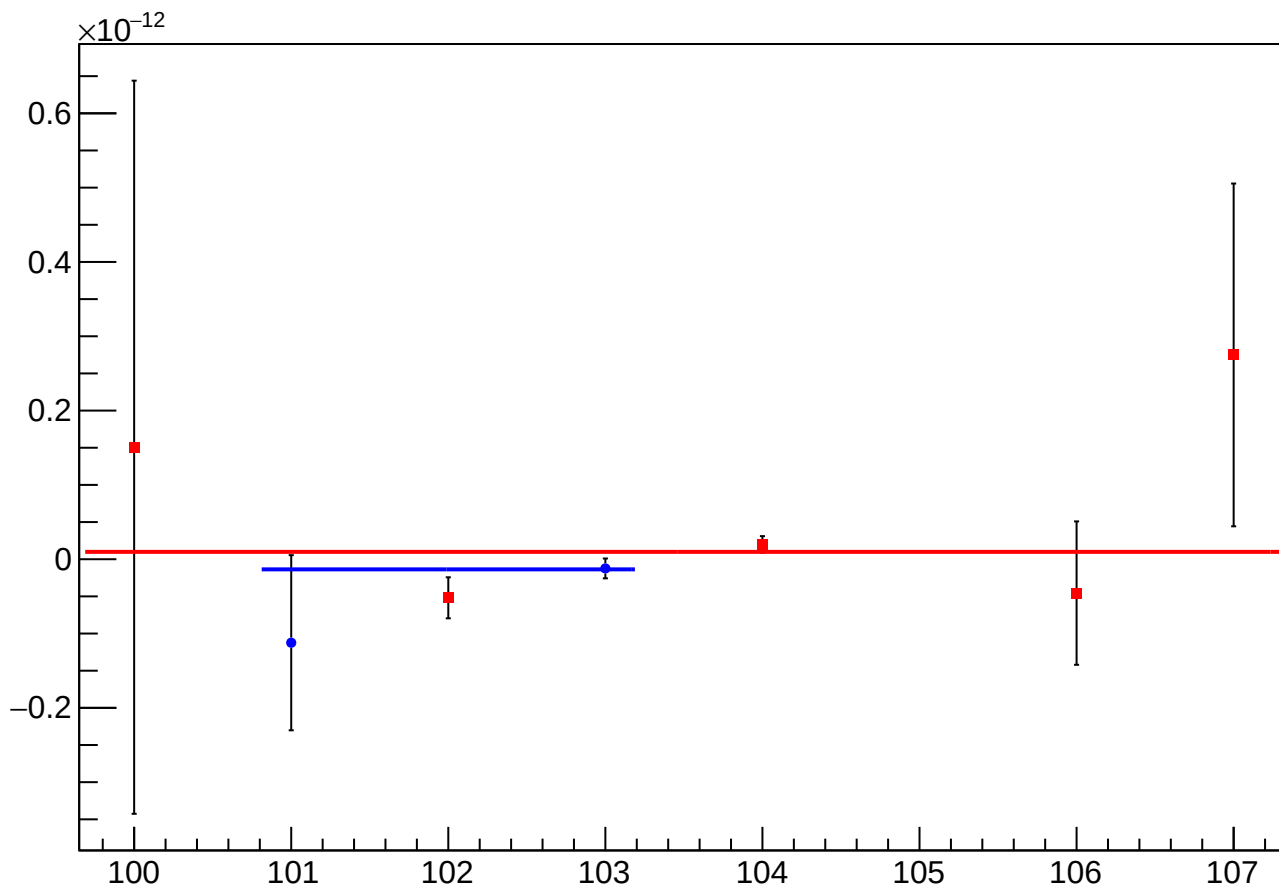
Right: 97.661+/-0.065 χ^2/NDF : 2986319.6/6

In: 198.757+/-0.156 χ^2/NDF : 753450.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.661+/-0.065 χ^2/NDF : 2986319.6/6

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 : 0.7/1

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

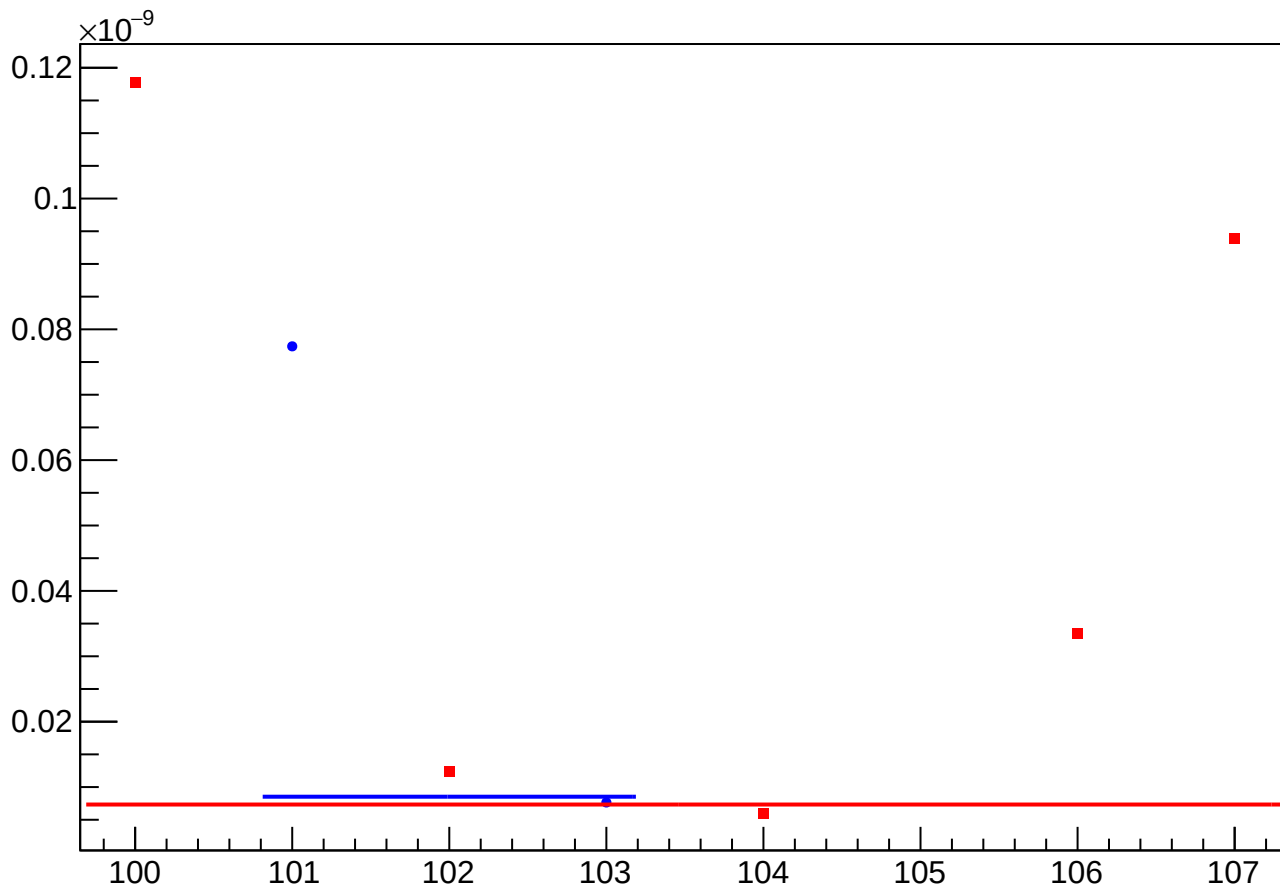
Right: 0.000+/-0.000 χ^2/NDF : 10.3/6

In: -0.000+/-0.000 χ^2/NDF : 0.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.3/6

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 : 692037.6/1

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

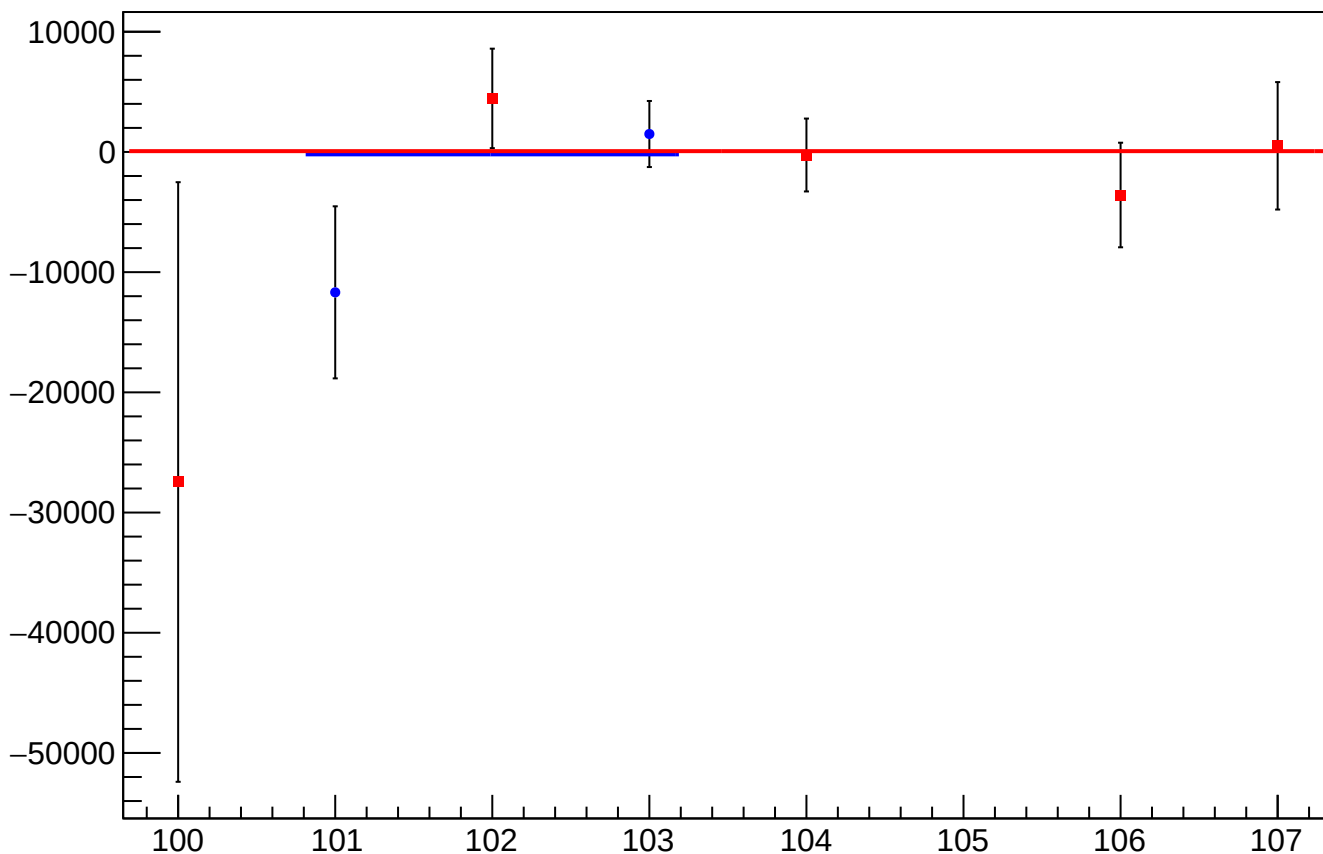
Right: 0.000+/-0.000 χ^2/NDF : 1329007.8/6

In: 0.000+/-0.000 χ^2/NDF : 692037.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1329007.8/6

reg_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -199.935+/-2565.745 χ^2 /NDF: 3.0/1

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

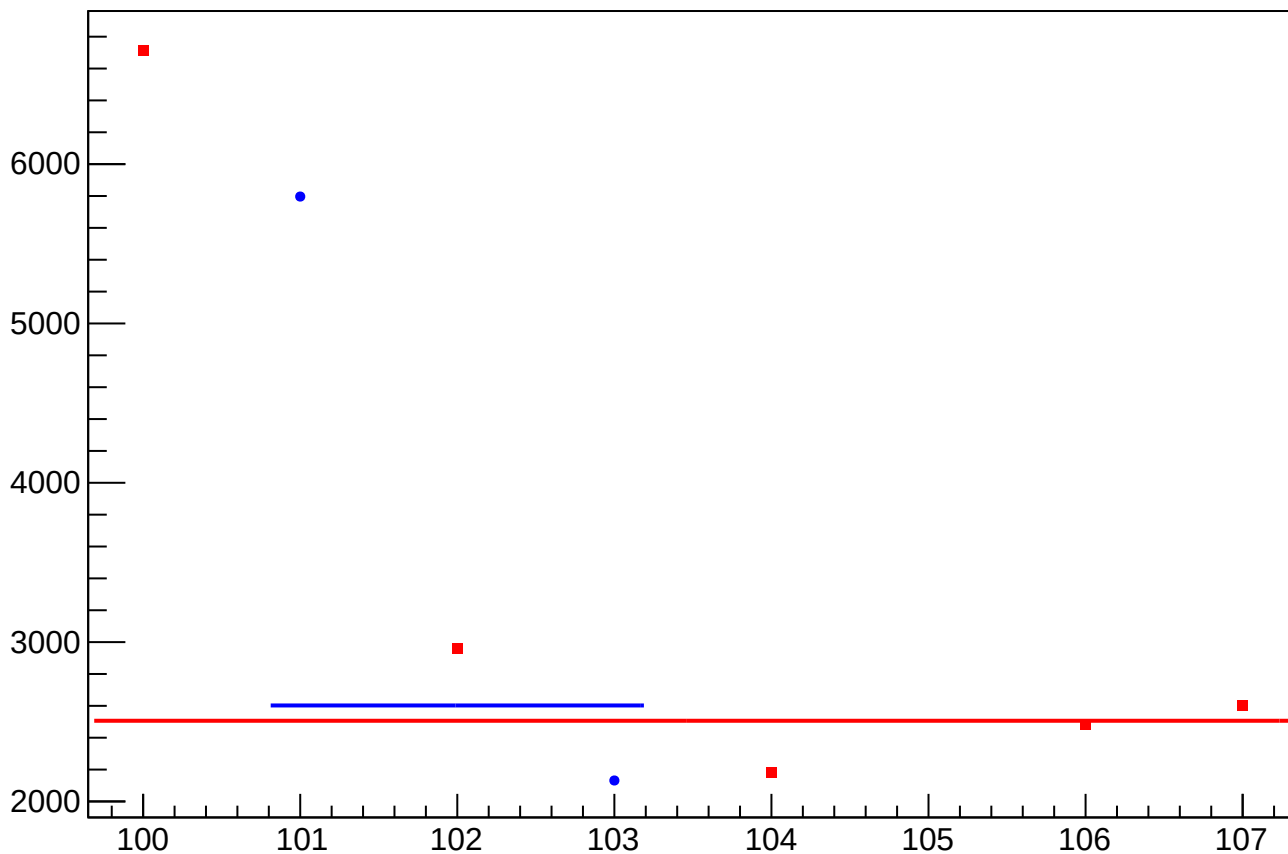
Right: -31.785+/-1563.445 χ^2 /NDF: 6.0/6

In: -199.935+/-2565.745 χ^2 /NDF:3.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -31.785+/-1563.445 χ^2 /NDF: 6.0/6

reg_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2602.410+/-1.814 χ^2/NDF : 456990.9/1

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

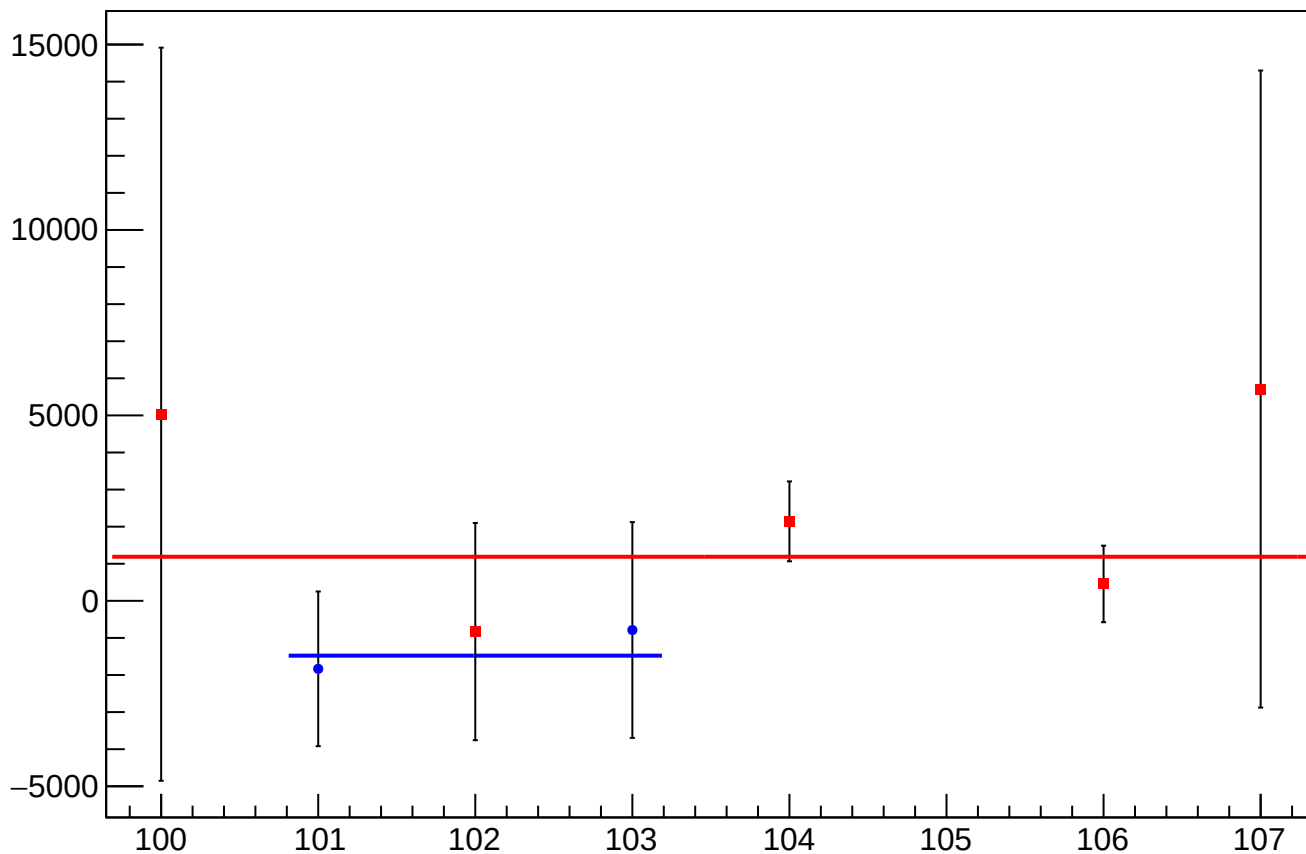
Right: 2542.024+/-1.106 χ^2/NDF : 563144.0/6

In: 2602.410+/-1.814 χ^2/NDF : 456990.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2542.024+/-1.106 χ^2/NDF : 563144.0/6

asym_us_dd_at1lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1478.369+/-1695.052 χ^2/NDF : 0.1/1

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

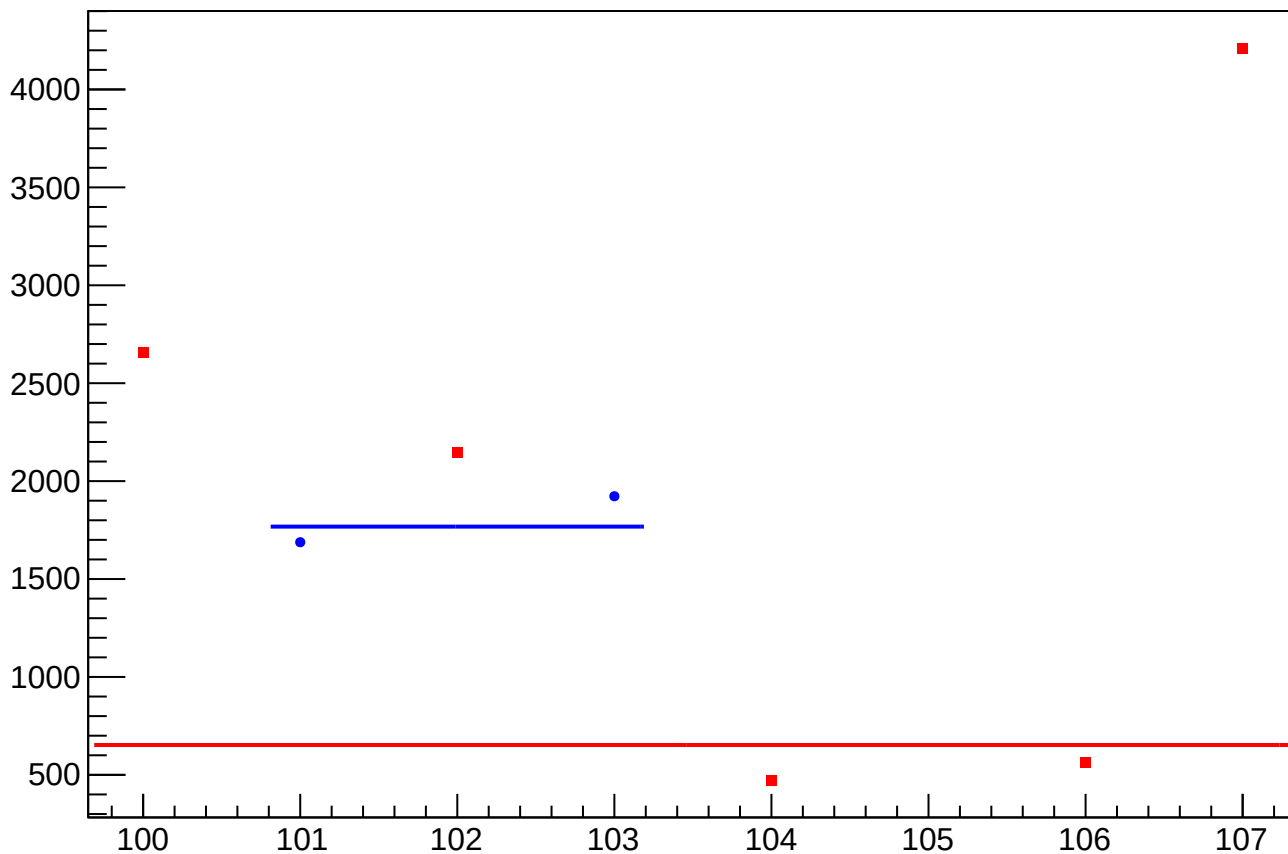
Right: 783.157+/-660.873 χ^2/NDF : 4.4/6

In: -1478.369+/-1695.052 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 783.157+/-660.873 χ^2/NDF : 4.4/6

asym_us_dd_at1lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1767.685+/-1.199 χ^2/NDF : 8596.5/1

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

Right Out: 652.561+/-0.507 χ^2/NDF : 1018049.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

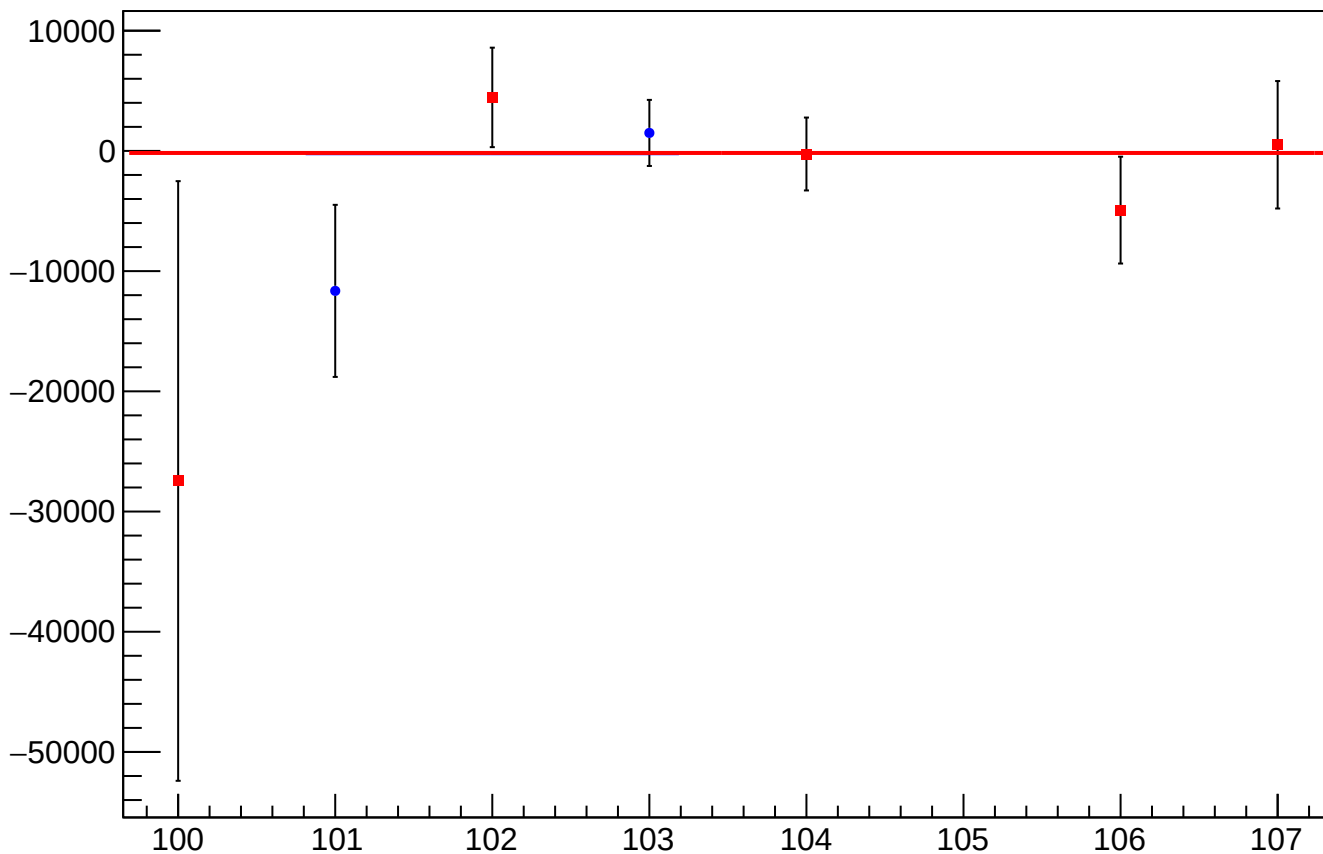
Right: 822.070+/-0.467 χ^2/NDF : 1760654.9/6

In: 1767.685+/-1.199 χ^2/NDF : 8596.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 822.070+/-0.467 χ^2/NDF : 1760654.9/6

cor_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -192.010 $\pm$ 2565.749 χ^2 /NDF: 2.9/1

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

Right Out: -169.864 $\pm$ 1980.267 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

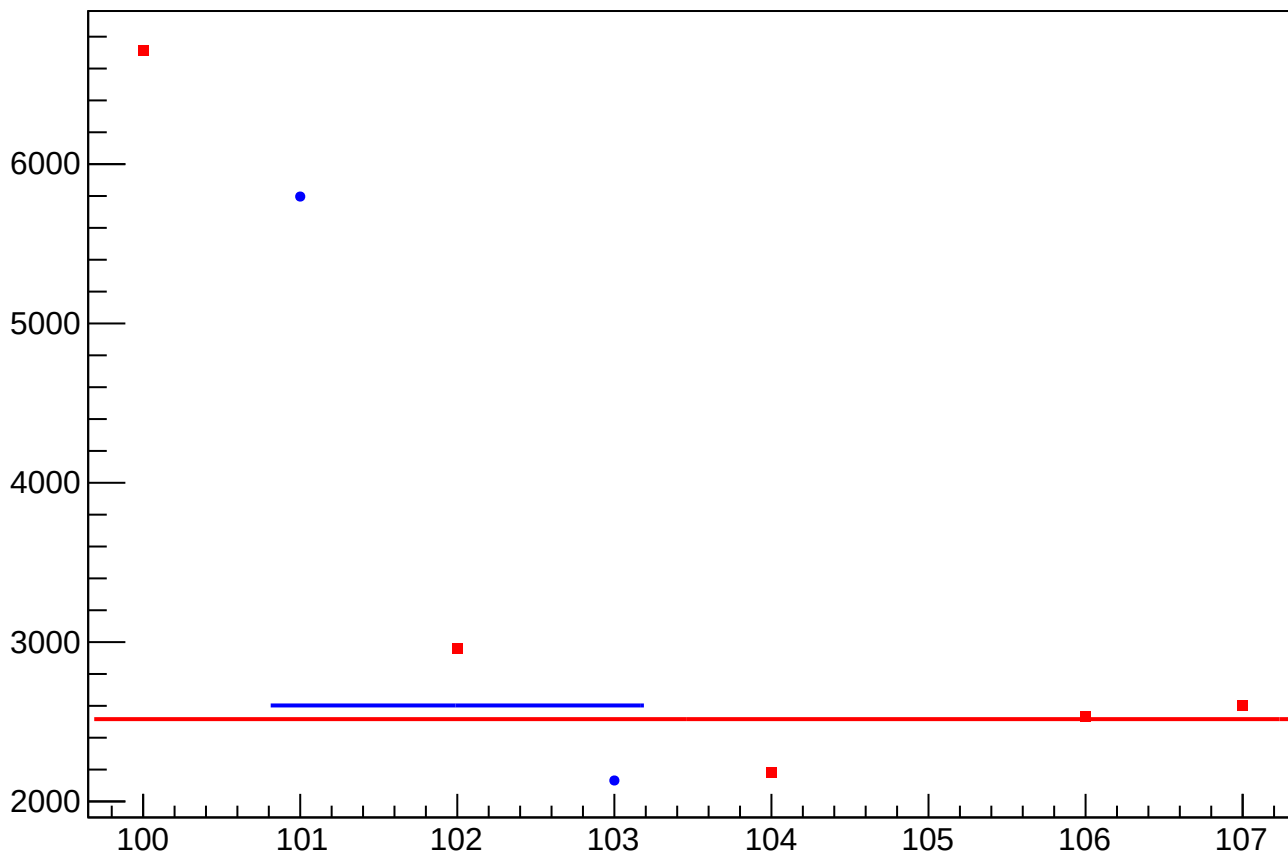
Right: -178.131 $\pm$ 1567.652 χ^2 /NDF: 6.5/6

In: -192.010 $\pm$ 2565.749 χ^2 /NDF: 2.9/1

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

All: -178.131 $\pm$ 1567.652 χ^2 /NDF: 6.5/6

cor_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2602.412 $\pm$ 1.814 χ^2 /NDF: 456991.1/1

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

Right Out: 2516.624 $\pm$ 1.400 χ^2 /NDF: 104363.9/4

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

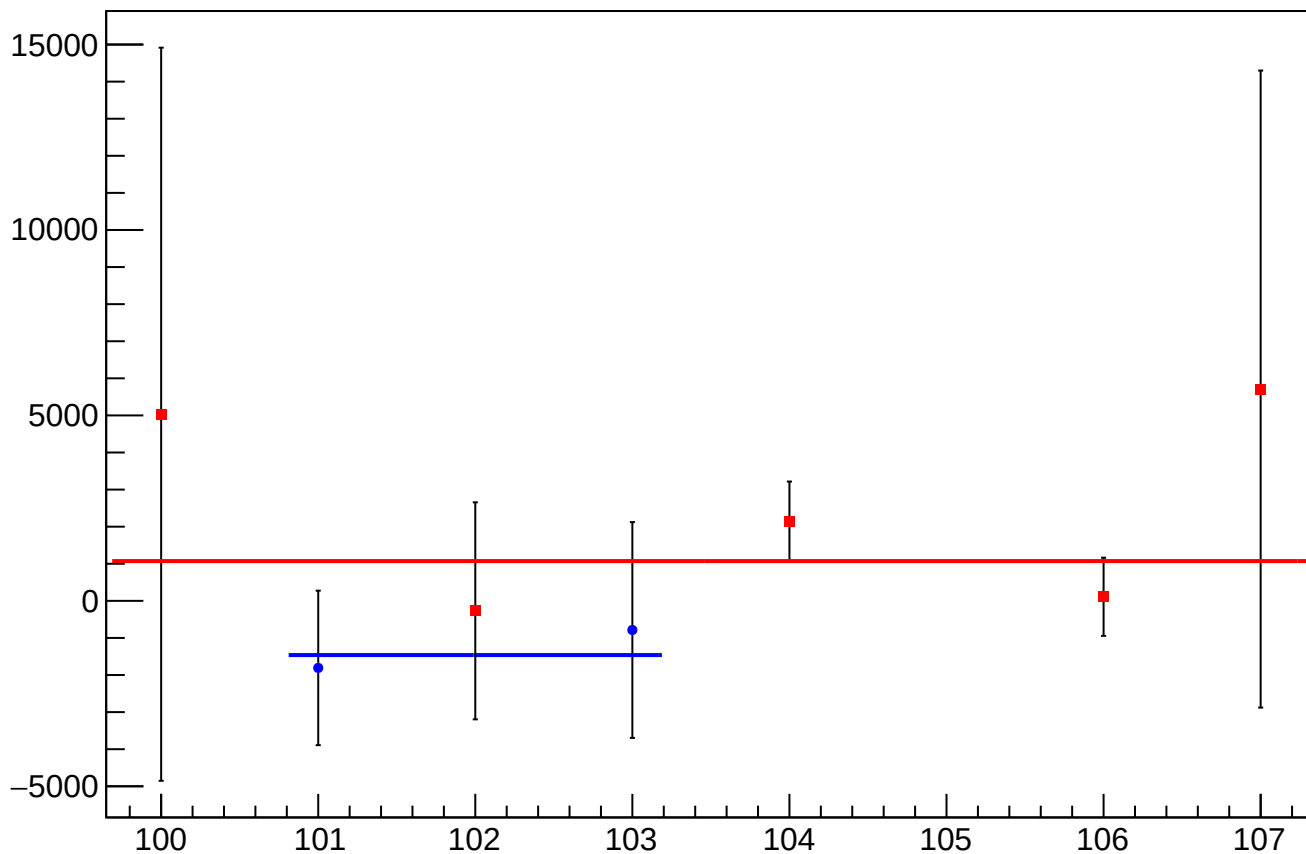
Right: 2548.649 $\pm$ 1.108 χ^2 /NDF: 562756.2/6

In: 2602.412 $\pm$ 1.814 χ^2 /NDF:456991.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2548.649 $\pm$ 1.108 χ^2 /NDF: 562756.2/6

asym_us_dd_at1lr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1462.029+/-1693.698 χ^2/NDF : 0.1/1

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

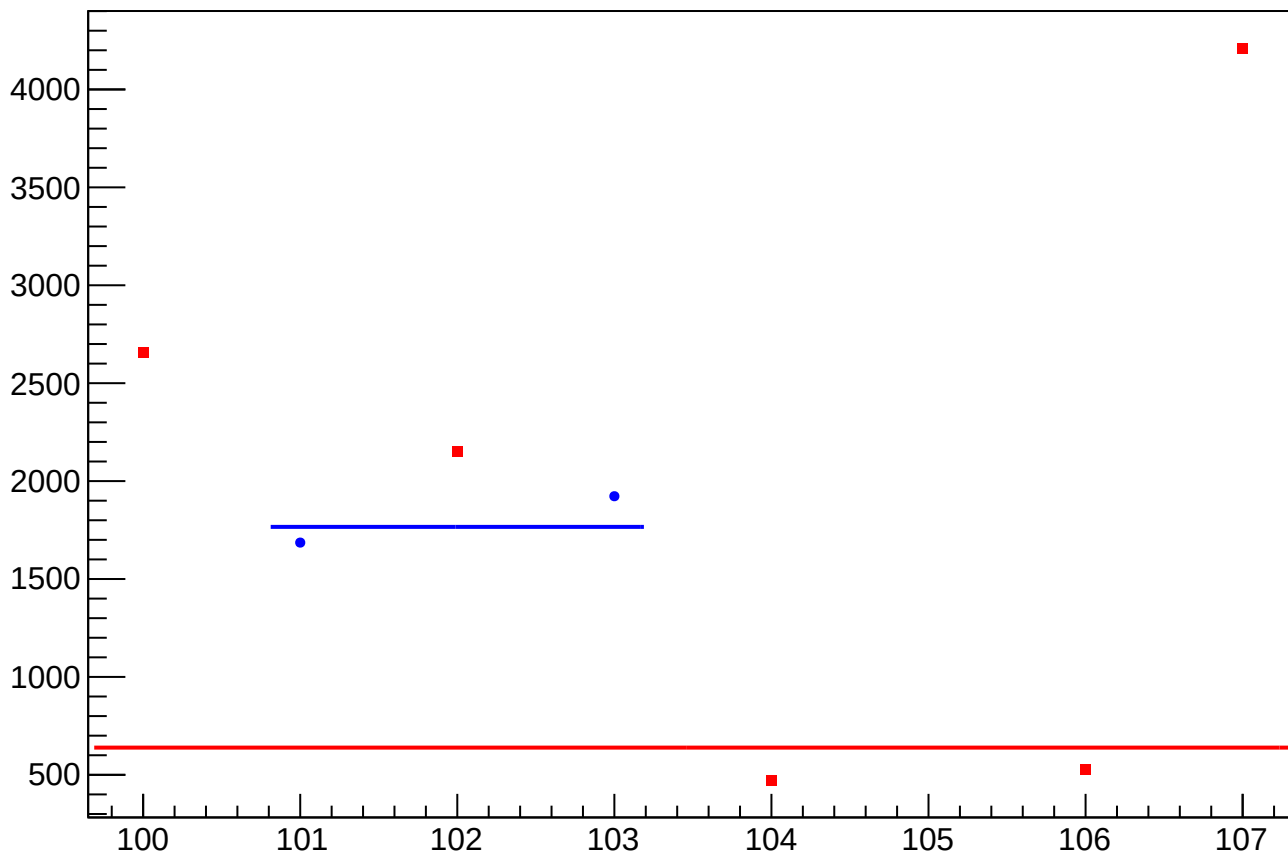
Right: 680.258+/-666.459 χ^2/NDF : 4.5/6

In: -1462.029+/-1693.698 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 680.258+/-666.459 χ^2/NDF : 4.5/6

asym_us_dd_at1lr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1766.199+/-1.198 χ^2/NDF : 8758.0/1

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

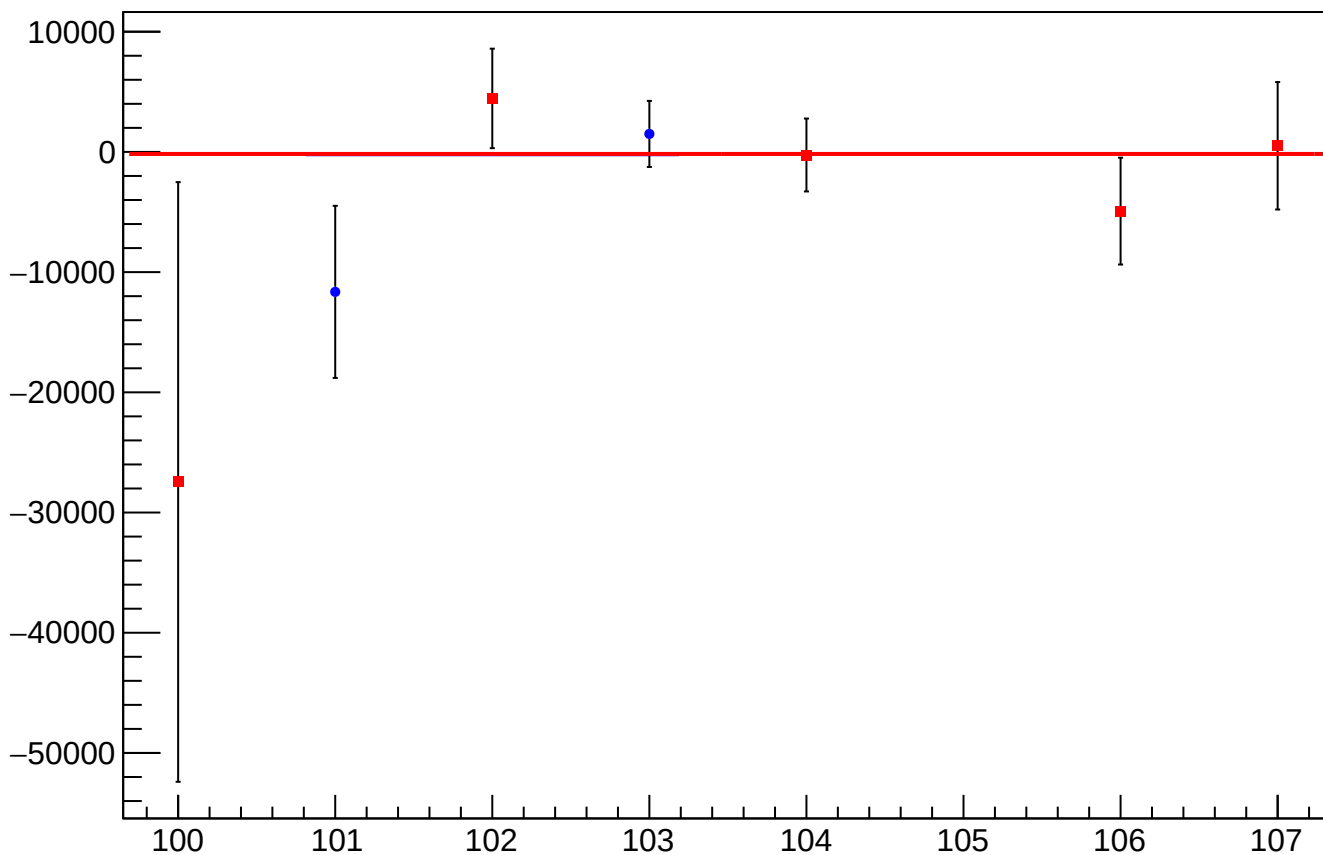
Right: 813.556+/-0.471 χ^2/NDF : 1790279.8/6

In: 1766.199+/-1.198 χ^2/NDF : 8758.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 813.556+/-0.471 χ^2/NDF : 1790279.8/6

eigen_cor_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -192.010+/-2565.749 χ^2/NDF : 2.9/1

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

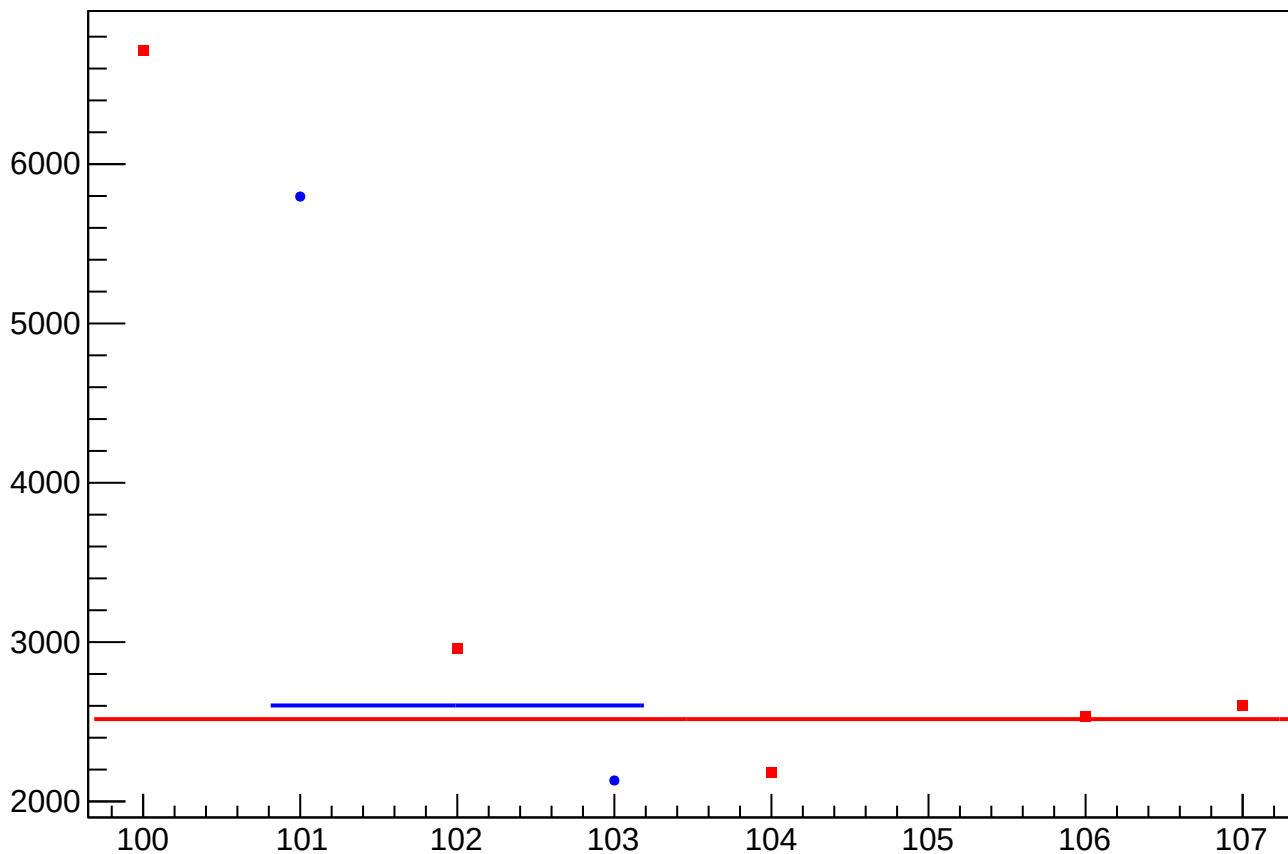
Right: -178.131+/-1567.652 χ^2/NDF : 6.5/6

In: -192.010+/-2565.749 χ^2/NDF : 2.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -178.131+/-1567.652 χ^2/NDF : 6.5/6

eigen_cor_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2602.412+/-1.814 χ^2/NDF : 456991.1/1

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

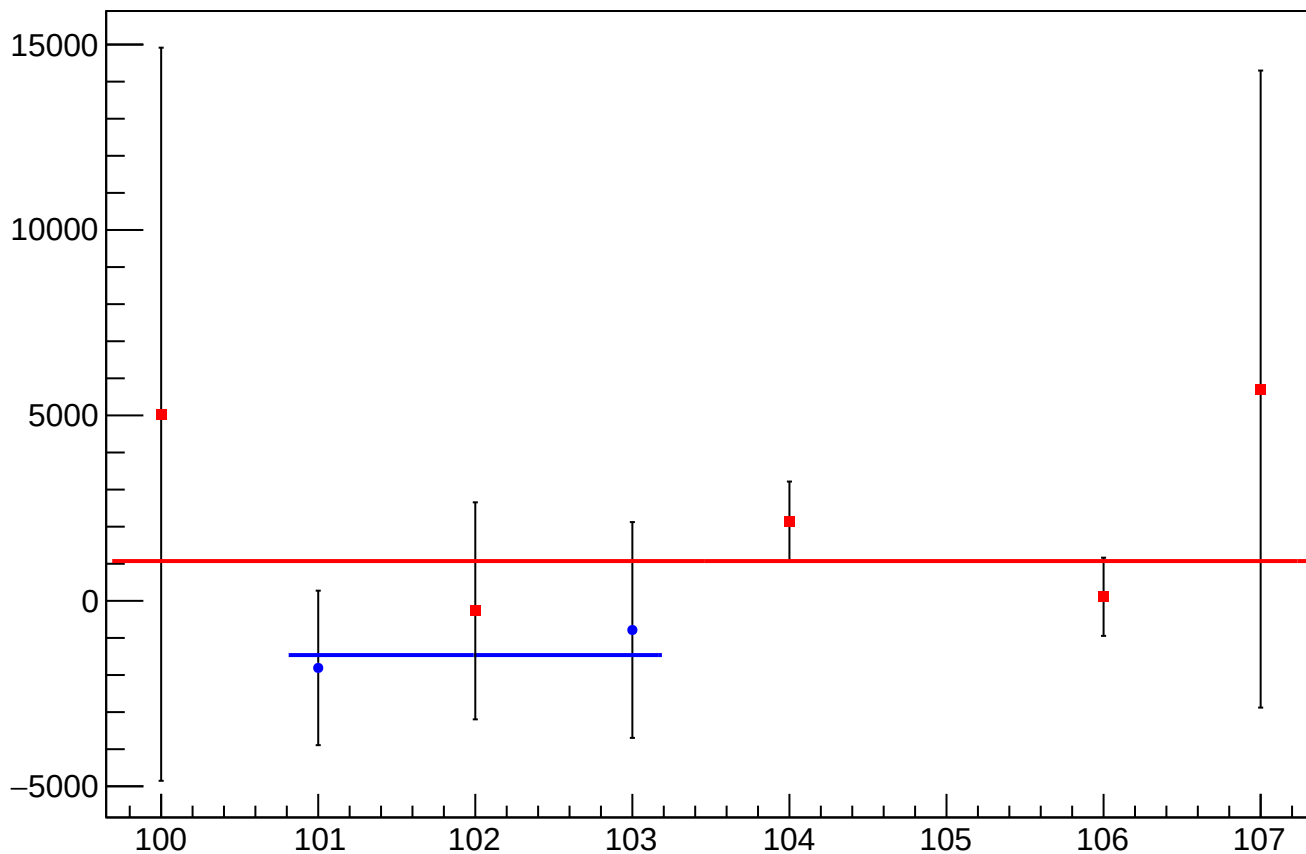
Right: 2548.649+/-1.108 χ^2/NDF : 562756.2/6

In: 2602.412+/-1.814 χ^2/NDF : 456991.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2548.649+/-1.108 χ^2/NDF : 562756.2/6

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1462.029+/-1693.698 χ^2/NDF : 0.1/1

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

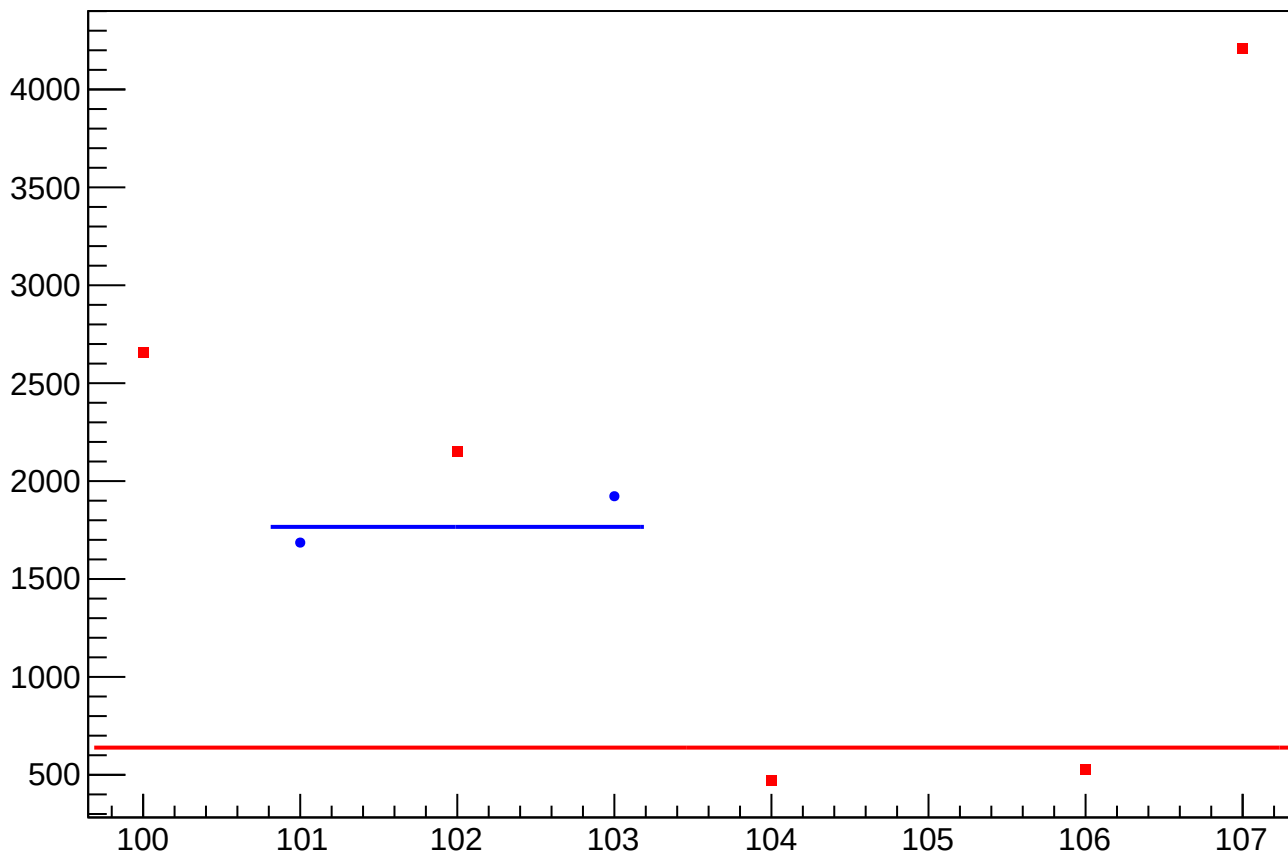
Right: 680.258+/-666.459 χ^2/NDF : 4.5/6

In: -1462.029+/-1693.698 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 680.258+/-666.459 χ^2/NDF : 4.5/6

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1766.199+/-1.198 χ^2/NDF : 8758.0/1

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

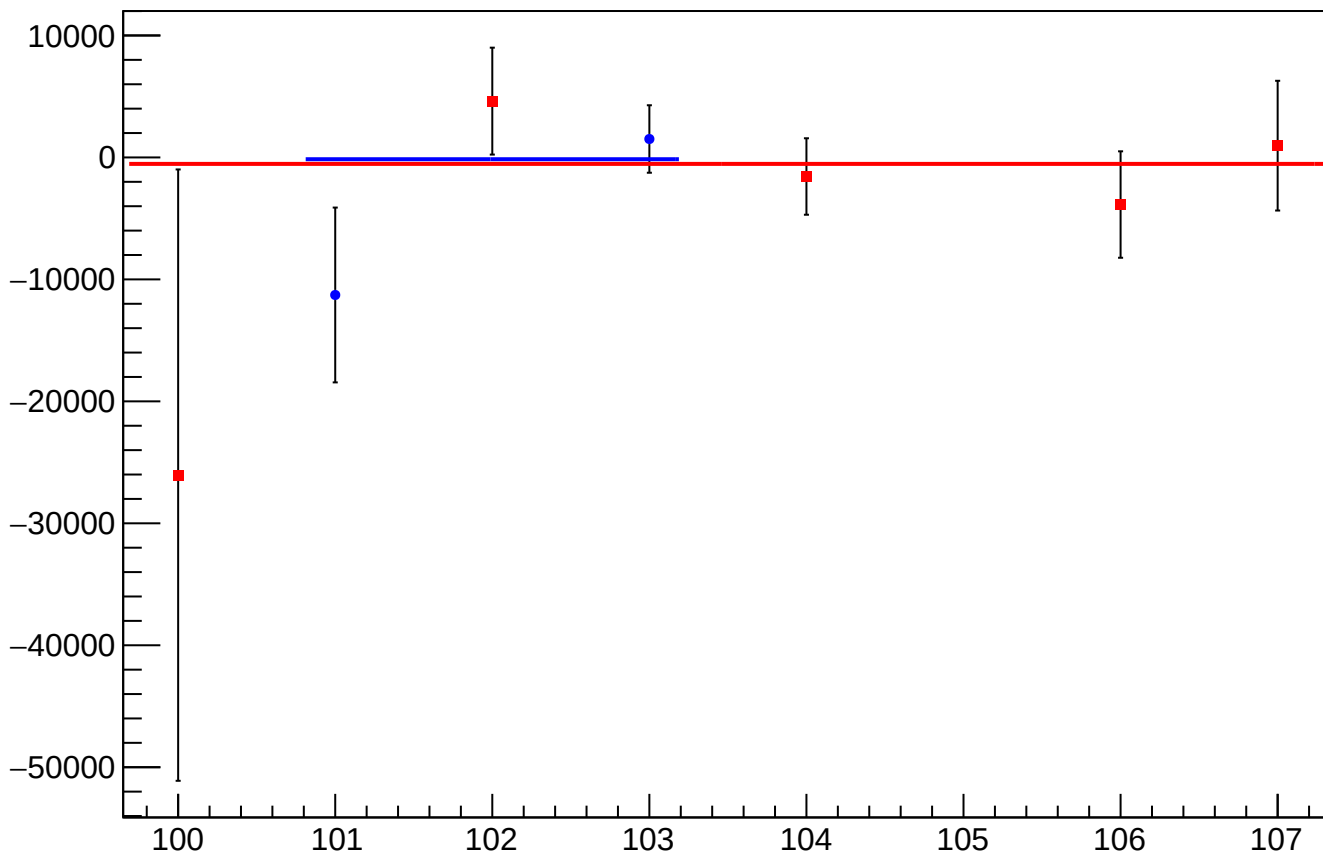
Right: 813.556+/-0.471 χ^2/NDF : 1790279.8/6

In: 1766.199+/-1.198 χ^2/NDF : 8758.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 813.556+/-0.471 χ^2/NDF : 1790279.8/6

dit_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -147.268+/-2580.993 χ^2/NDF : 2.8/1

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

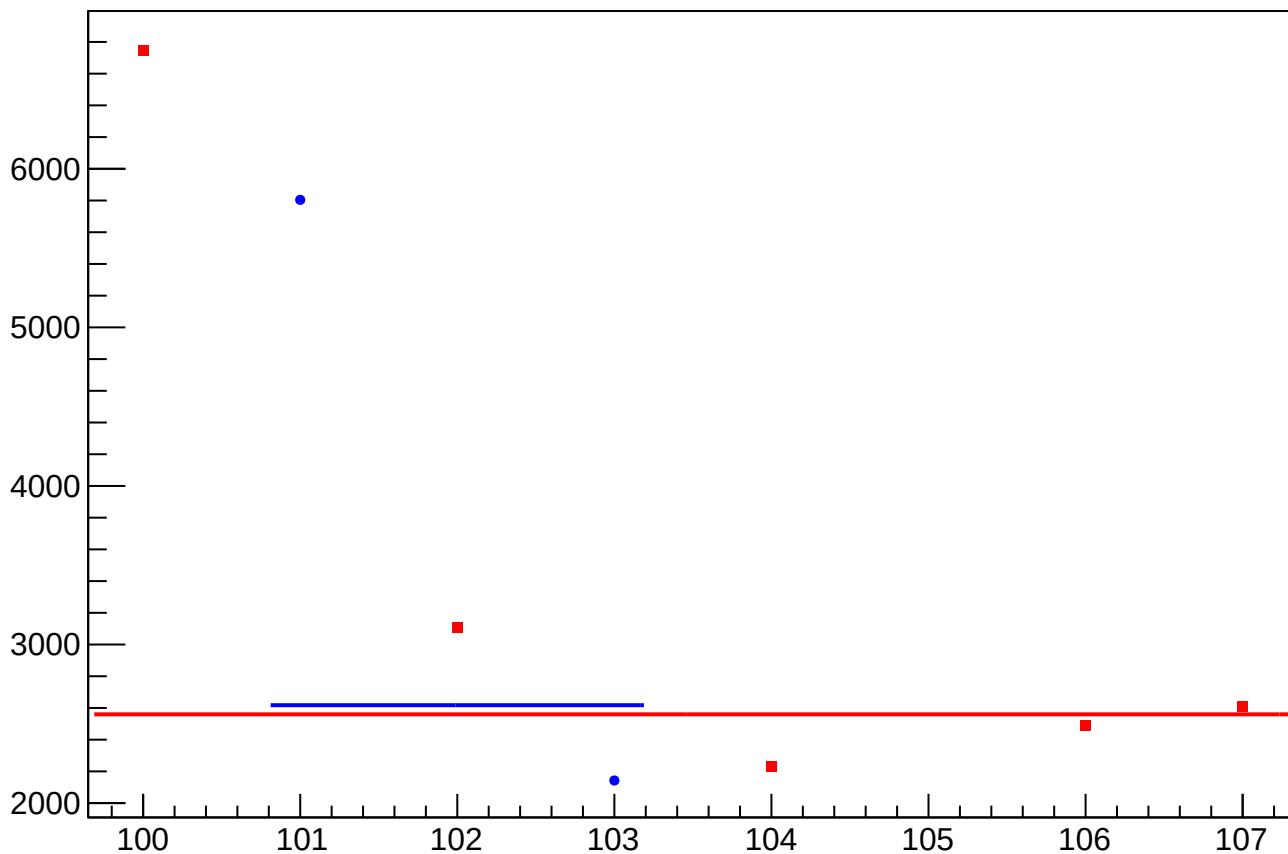
Right: -384.064+/-1594.381 χ^2/NDF : 6.0/6

In: -147.268+/-2580.993 χ^2/NDF : 2.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -384.064+/-1594.381 χ^2/NDF : 6.0/6

dit_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2617.425+/-1.825 χ^2/NDF : 454296.0/1

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

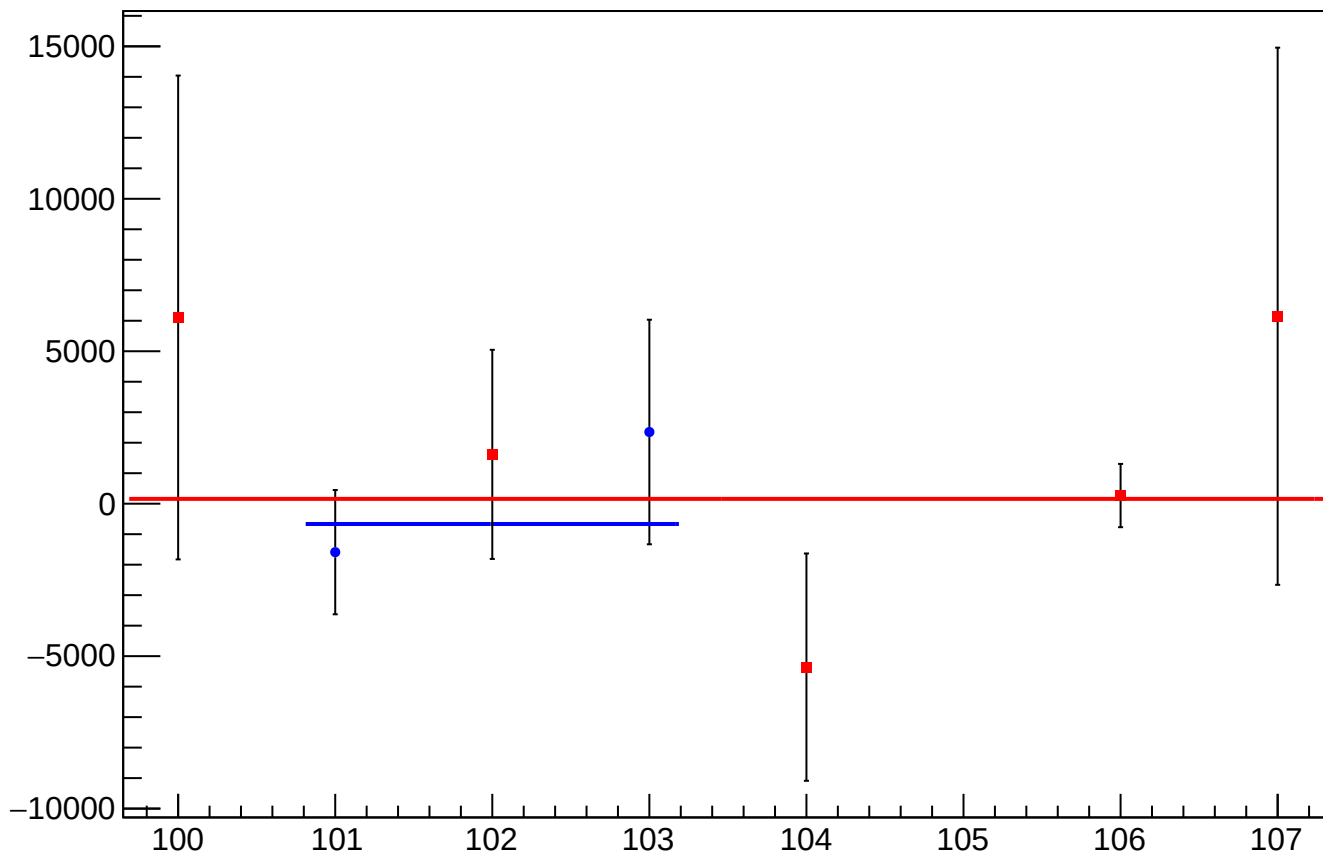
Right: 2581.717+/-1.127 χ^2/NDF : 565028.7/6

In: 2617.425+/-1.825 χ^2/NDF : 454296.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2581.717+/-1.127 χ^2/NDF : 565028.7/6

asym_us_dd_at1lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -665.655+/-1782.926 χ^2/NDF : 0.9/1

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

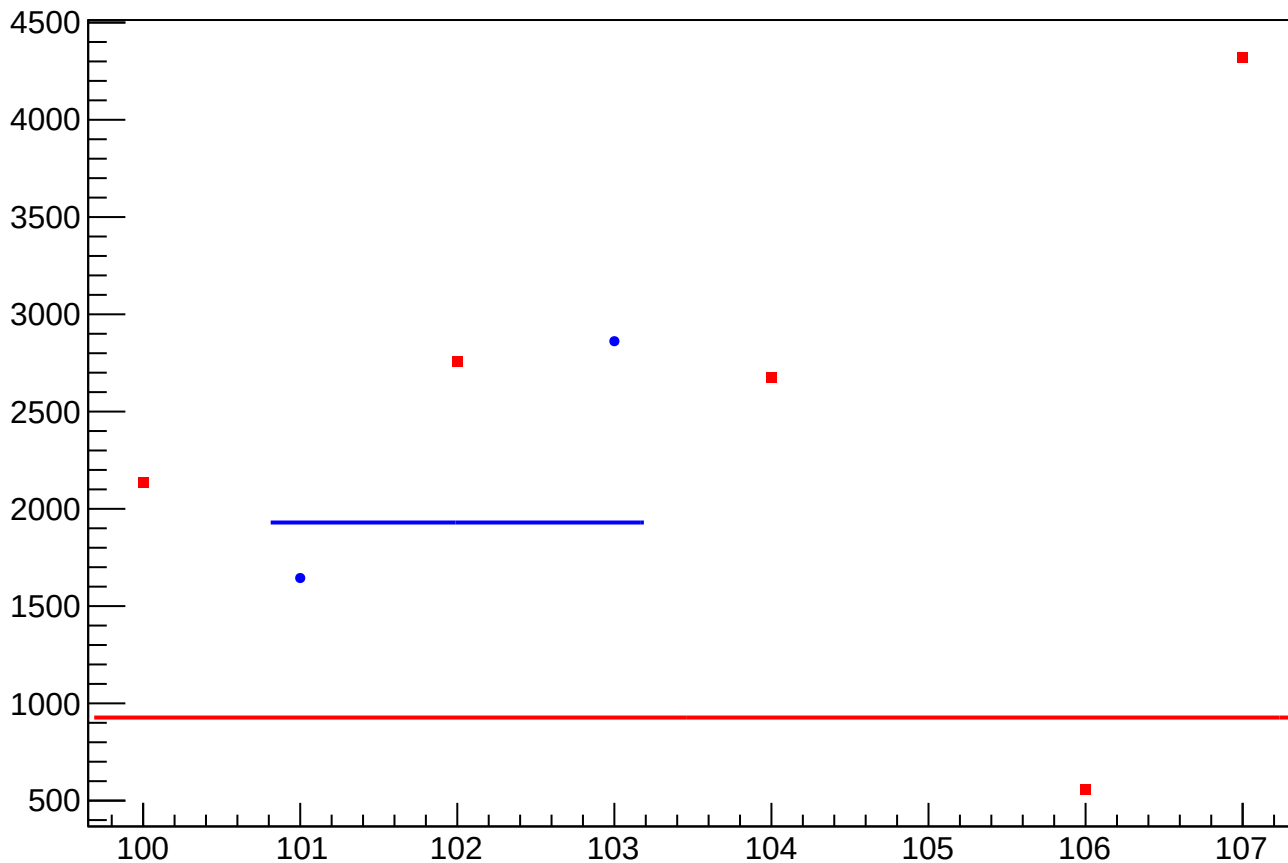
Right: -23.390+/-836.585 χ^2/NDF : 4.5/6

In: -665.655+/-1782.926 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.390+/-836.585 χ^2/NDF : 4.5/6

asym_us_dd_at1lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1929.740+/-1.261 χ^2/NDF : 167357.1/1

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

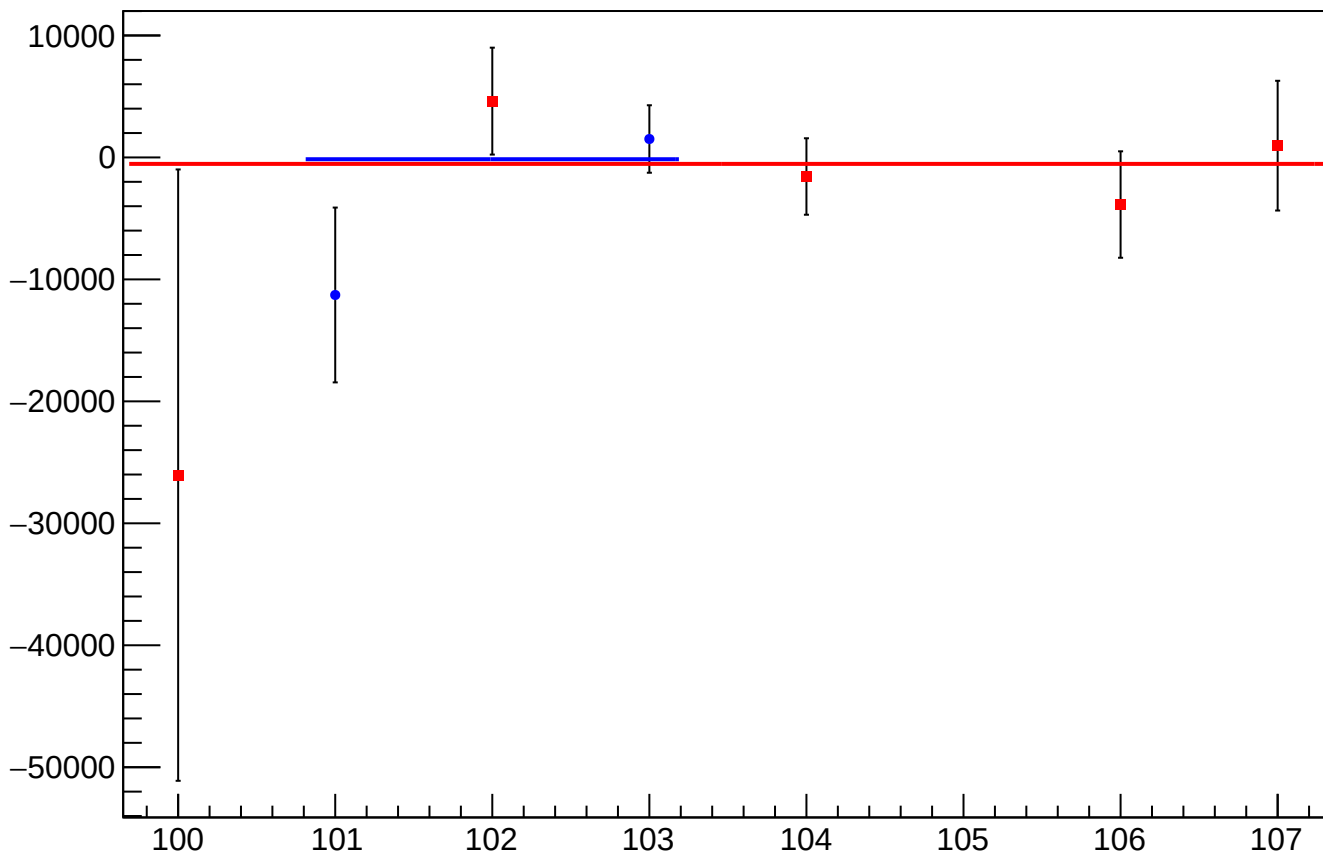
Right: 1147.809+/-0.592 χ^2/NDF : 2266845.9/6

In: 1929.740+/-1.261 χ^2/NDF : 167357.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1147.809+/-0.592 χ^2/NDF : 2266845.9/6

eigen_dit_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -147.268+/-2580.993 χ^2/NDF : 2.8/1

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

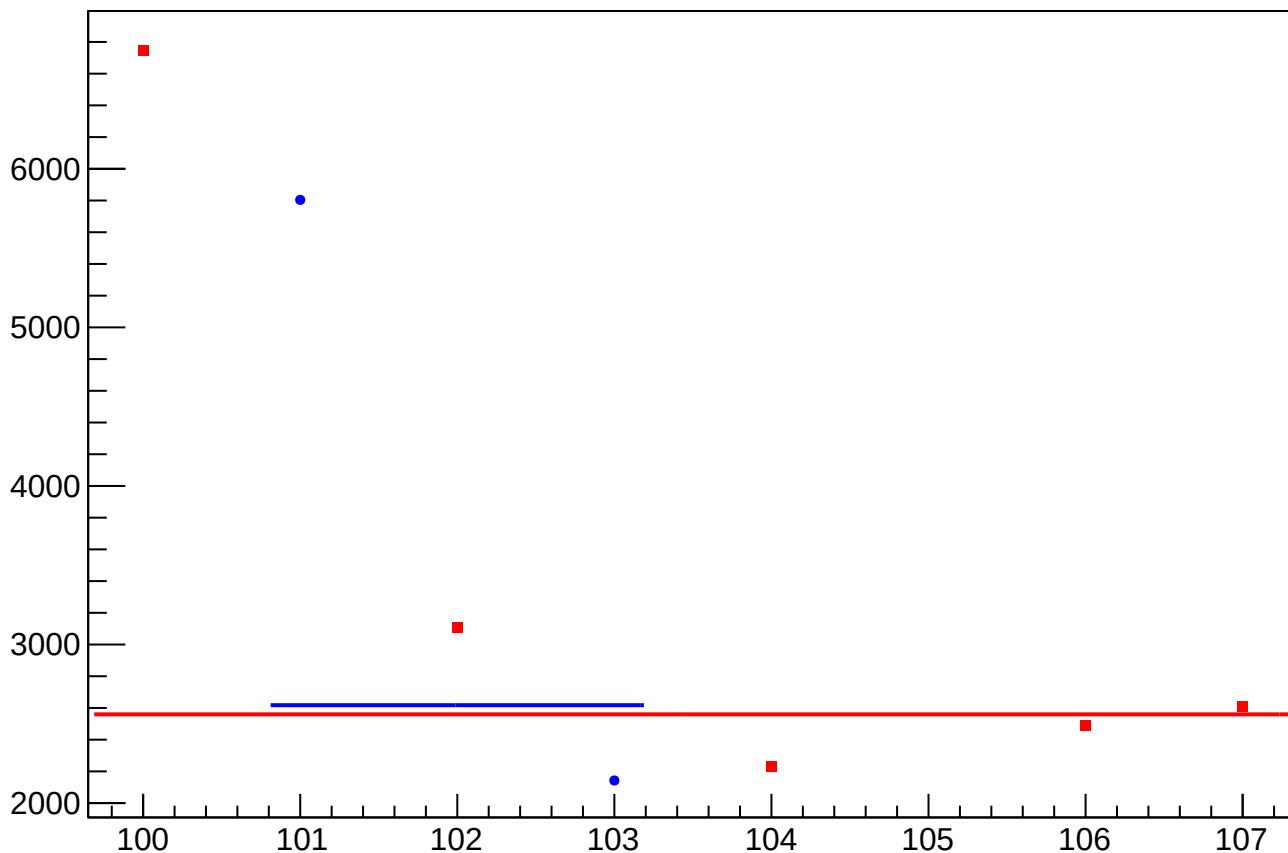
Right: -384.064+/-1594.381 χ^2/NDF : 6.0/6

In: -147.268+/-2580.993 χ^2/NDF : 2.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -384.064+/-1594.381 χ^2/NDF : 6.0/6

eigen_dit_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2617.425+/-1.825 χ^2/NDF : 454296.1/1

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

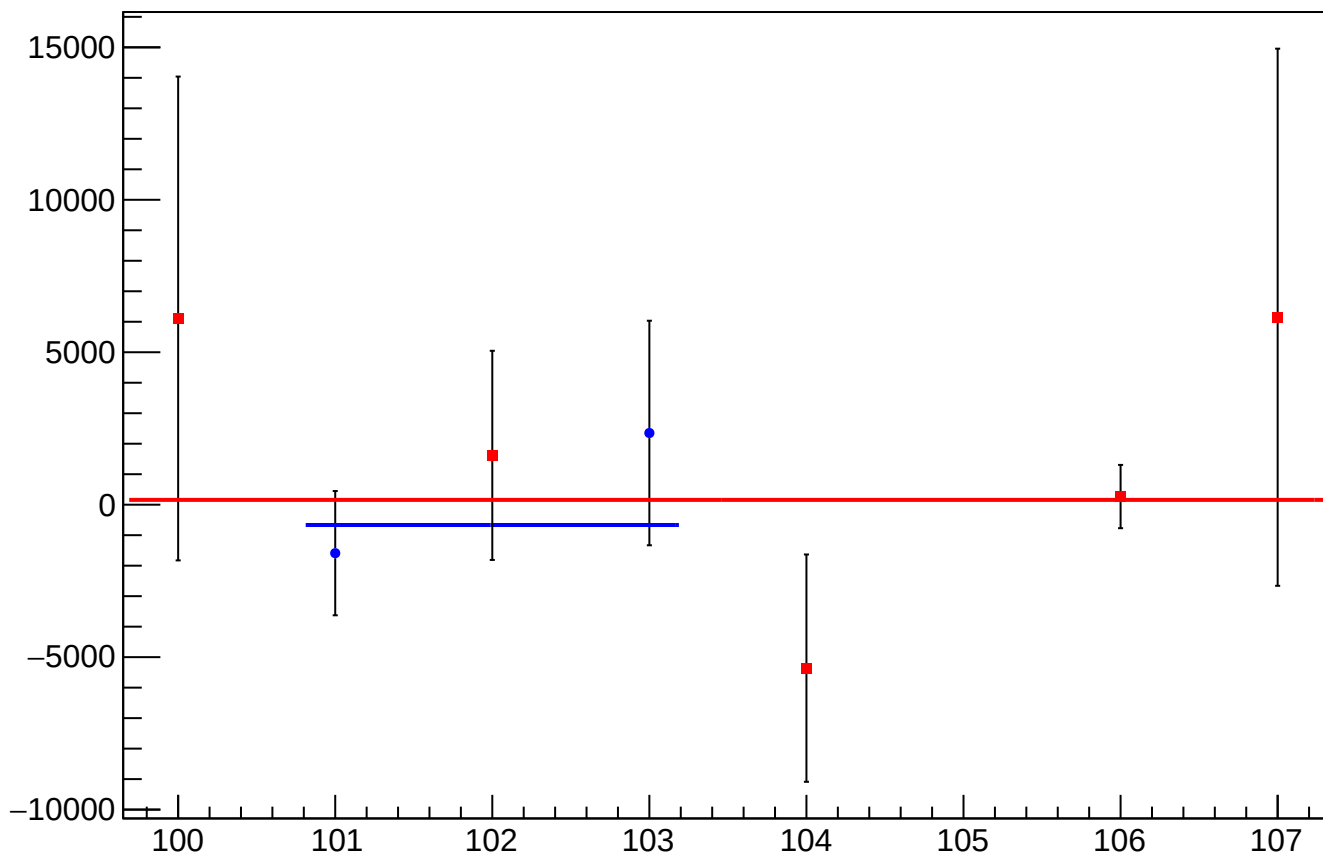
Right: 2581.717+/-1.127 χ^2/NDF : 565028.8/6

In: 2617.425+/-1.825 χ^2/NDF : 454296.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2581.717+/-1.127 χ^2/NDF : 565028.8/6

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -665.660 $\pm$ 1782.927 χ^2 /NDF: 0.9/1

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

Right Out: 157.947 $\pm$ 947.349 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

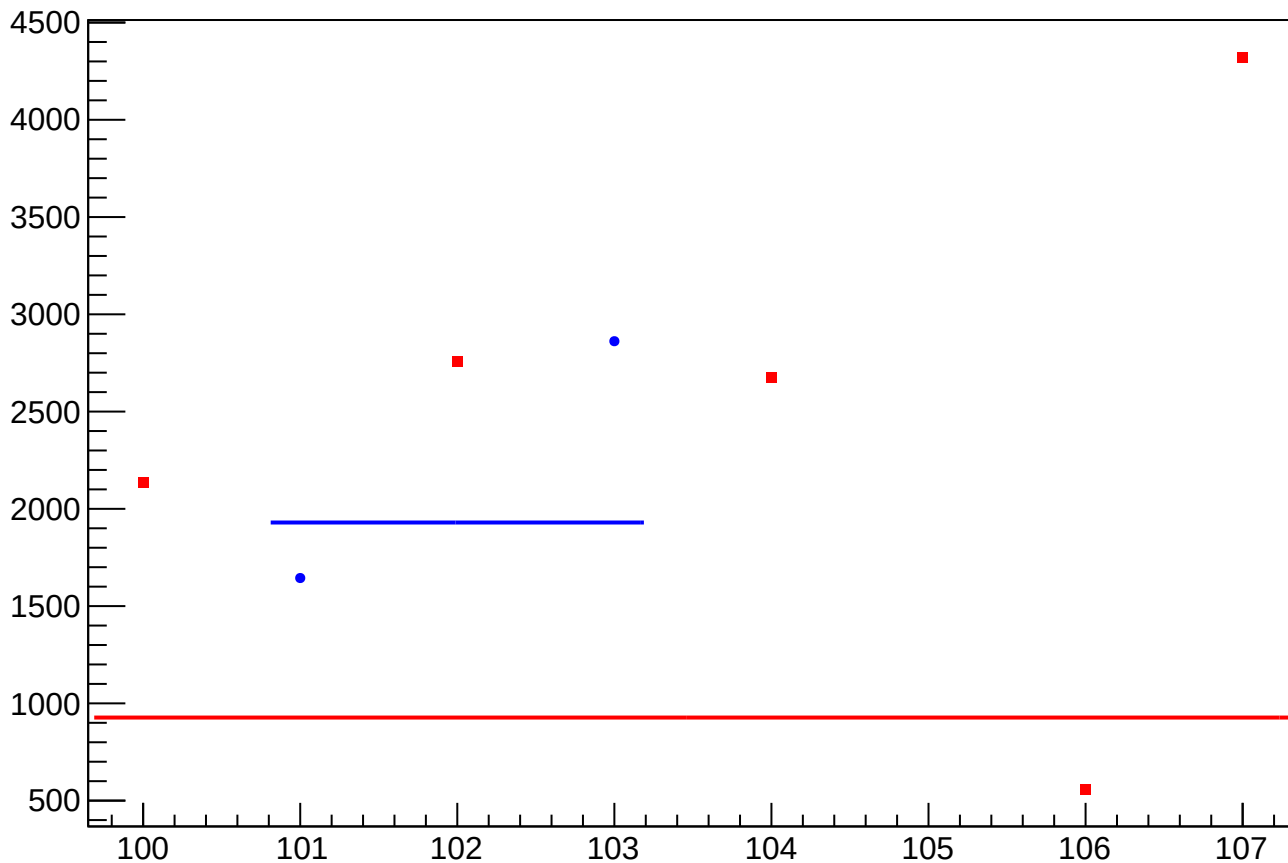
Right: -23.385 $\pm$ 836.586 χ^2 /NDF: 4.5/6

In: -665.660 $\pm$ 1782.927 χ^2 /NDF: 0.9/1

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

All: -23.385 $\pm$ 836.586 χ^2 /NDF: 4.5/6

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1929.741+/-1.261 χ^2/NDF : 167357.7/1

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

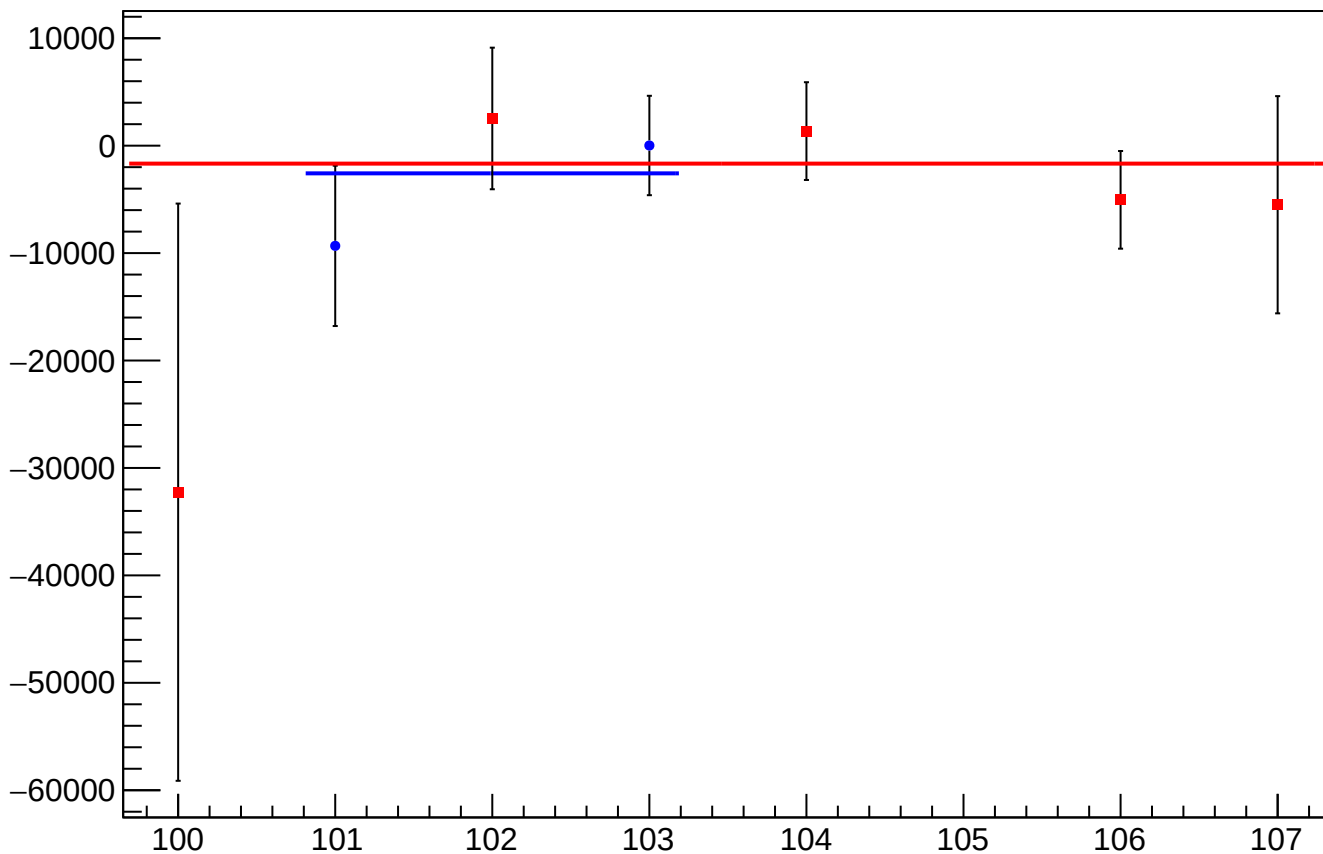
Right: 1147.812+/-0.592 χ^2/NDF : 2266840.1/6

In: 1929.741+/-1.261 χ^2/NDF : 167357.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1147.812+/-0.592 χ^2/NDF : 2266840.1/6

asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -2576.966+/-3931.927 χ^2 /NDF: 1.1/1

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

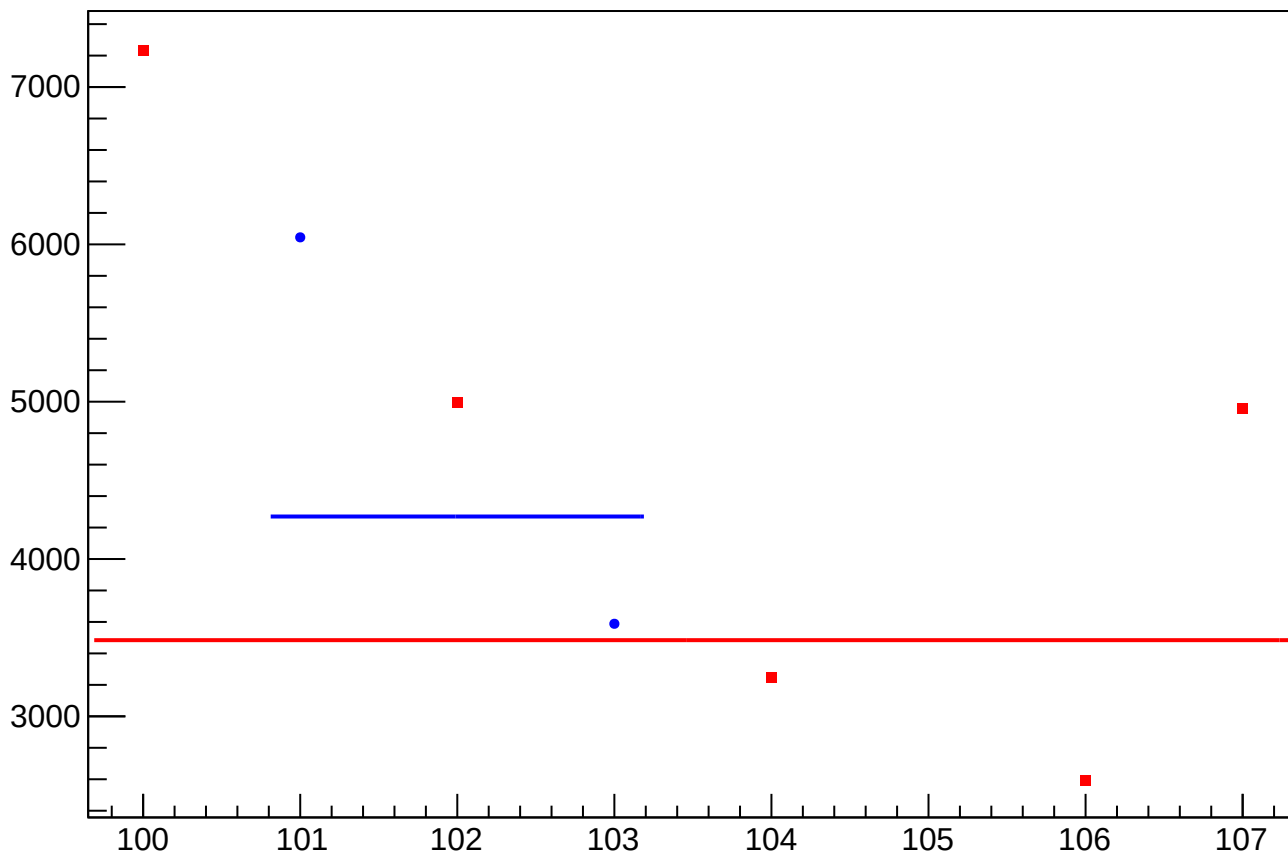
Right: -1970.492+/-2261.170 χ^2 /NDF: 4.0/6

In: -2576.966+/-3931.927 χ^2 /NDF: 1.1/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1970.492+/-2261.170 χ^2 /NDF: 4.0/6

asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 4270.178+/-2.780 χ^2/NDF : 156517.1/1

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

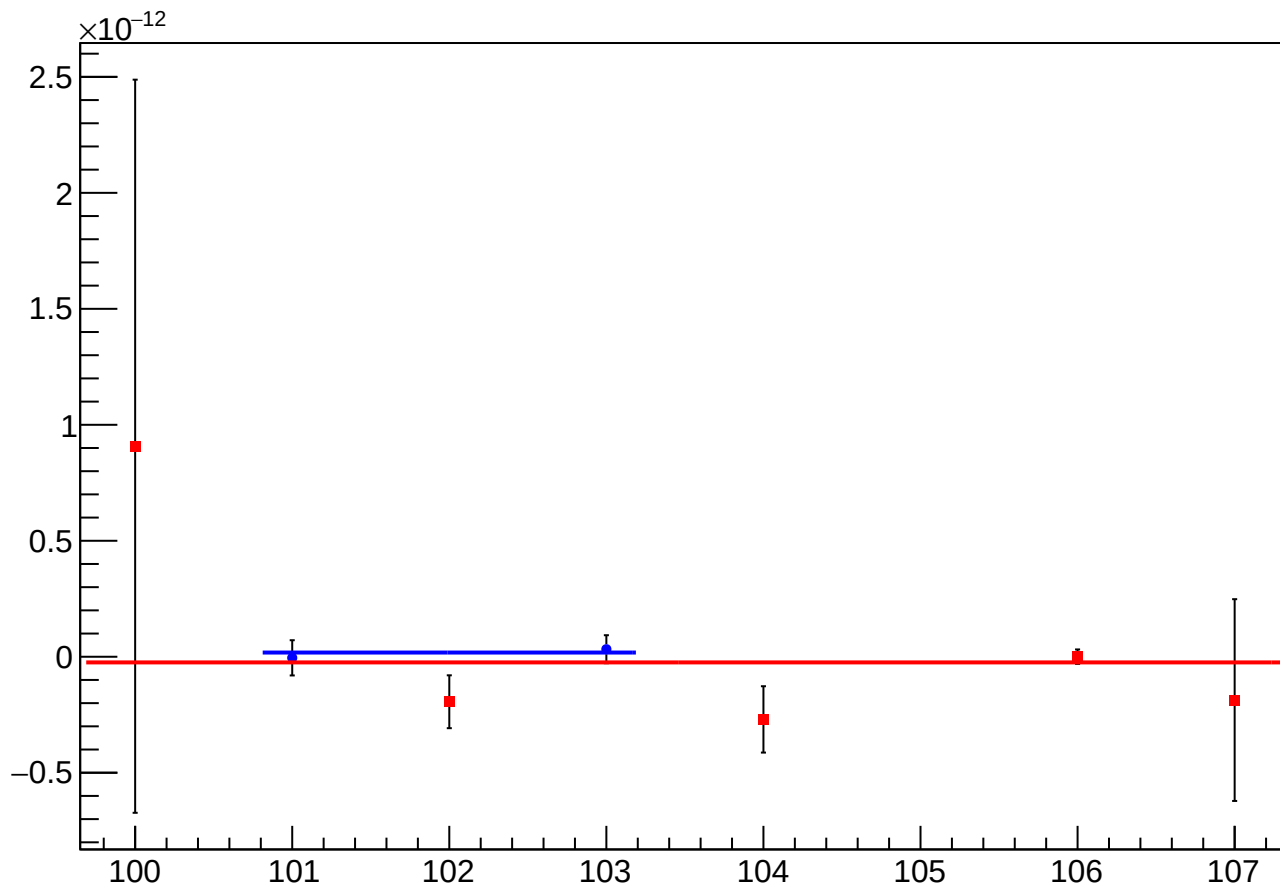
Right: 3744.116+/-1.599 χ^2/NDF : 479012.6/6

In: 4270.178+/-2.780 χ^2/NDF : 156517.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3744.116+/-1.599 χ^2/NDF : 479012.6/6

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.1/1

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

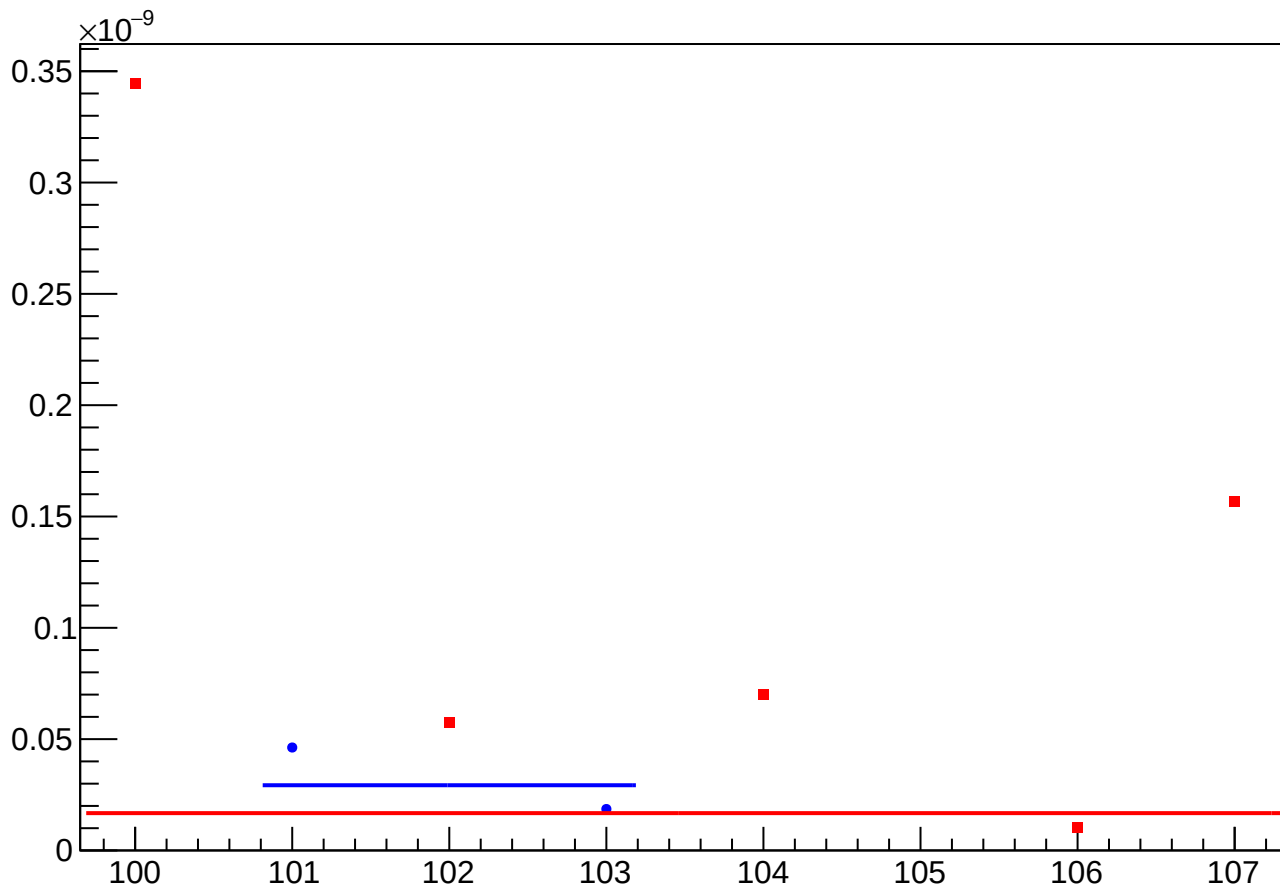
Right: -0.000+/-0.000 χ^2/NDF : 7.0/6

In: 0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.0/6

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 162431.1/1

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

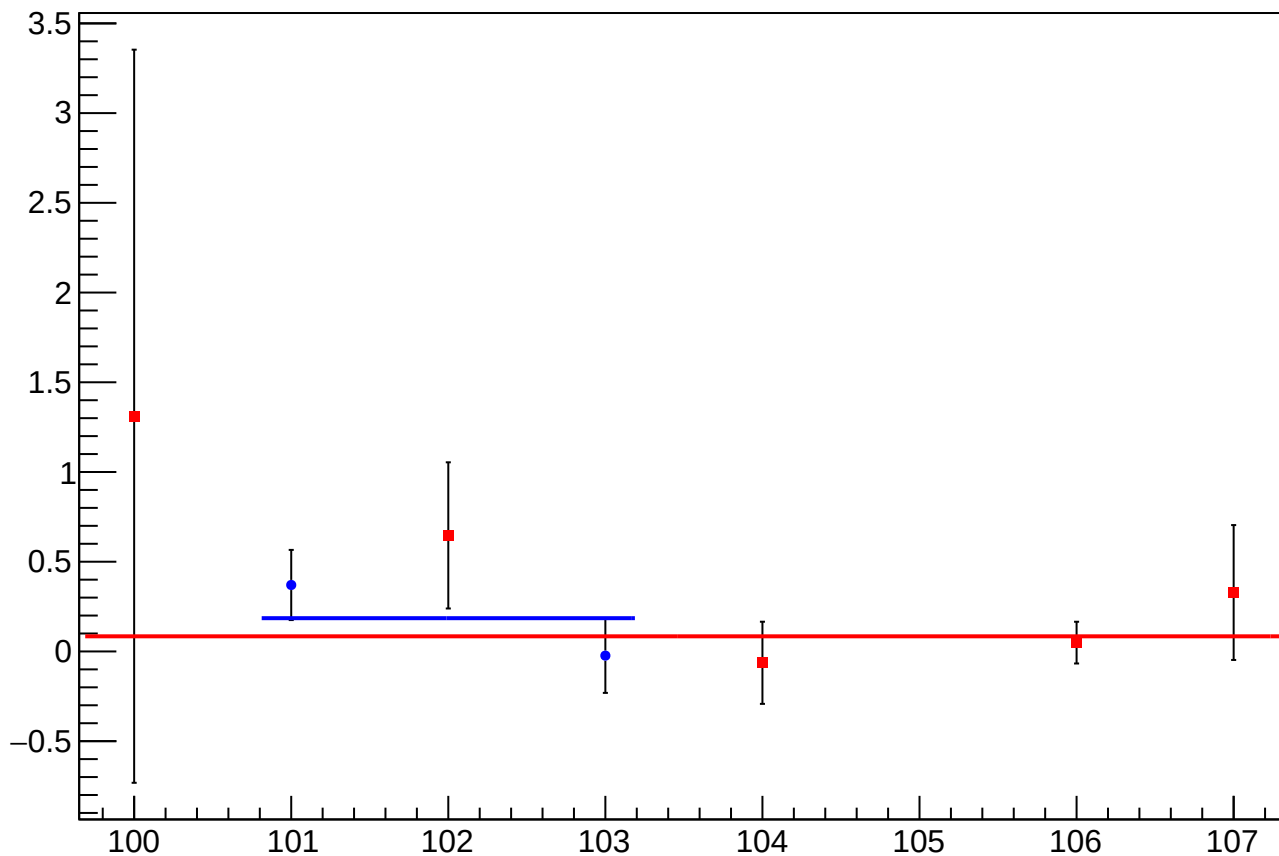
Right: 0.000+/-0.000 χ^2/NDF : 1173496.5/6

In: 0.000+/-0.000 χ^2/NDF : 162431.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1173496.5/6

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.185+/-0.142 χ^2/NDF : 1.9/1

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

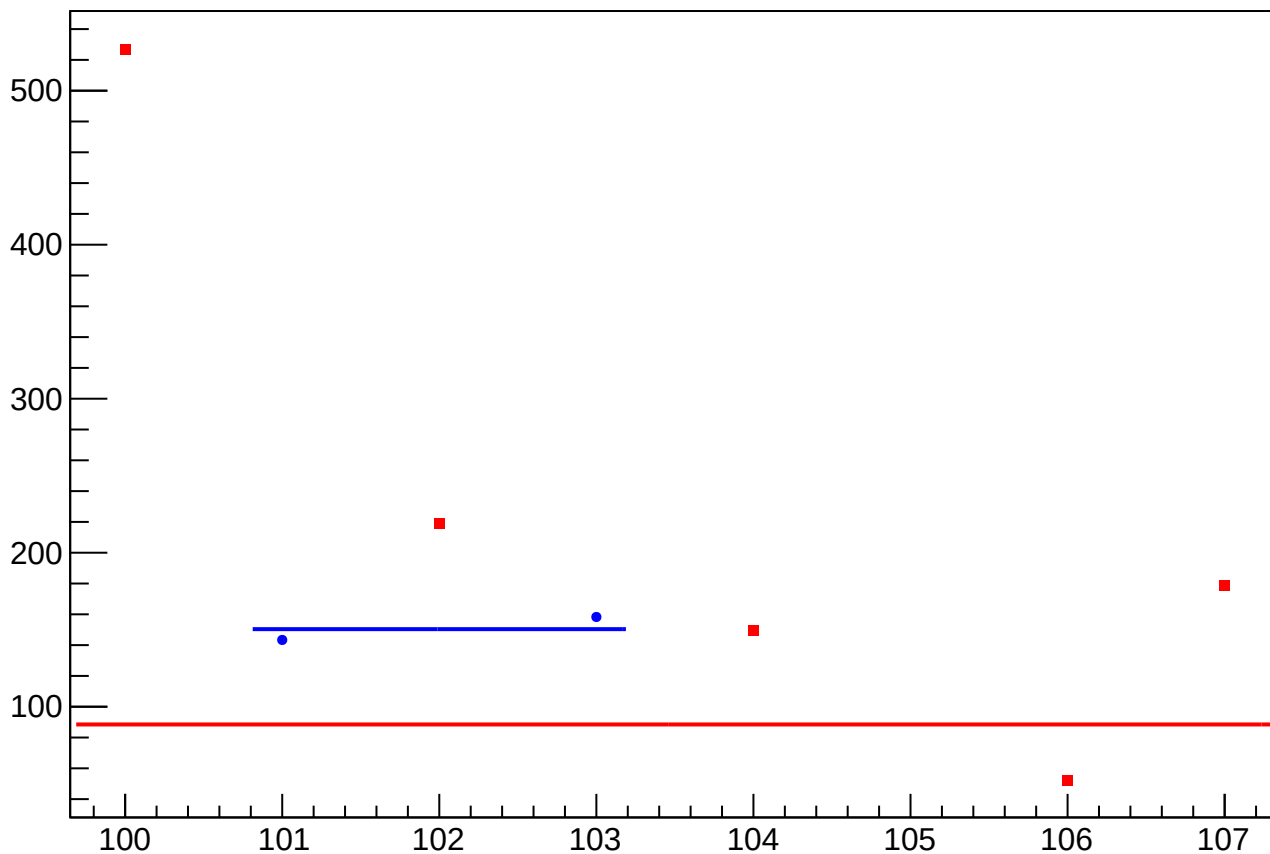
Right: 0.116+/-0.080 χ^2/NDF : 5.4/6

In: 0.185+/-0.142 χ^2/NDF : 1.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.116+/-0.080 χ^2/NDF : 5.4/6

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 150.374+/-0.101 χ^2/NDF : 5466.3/1

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

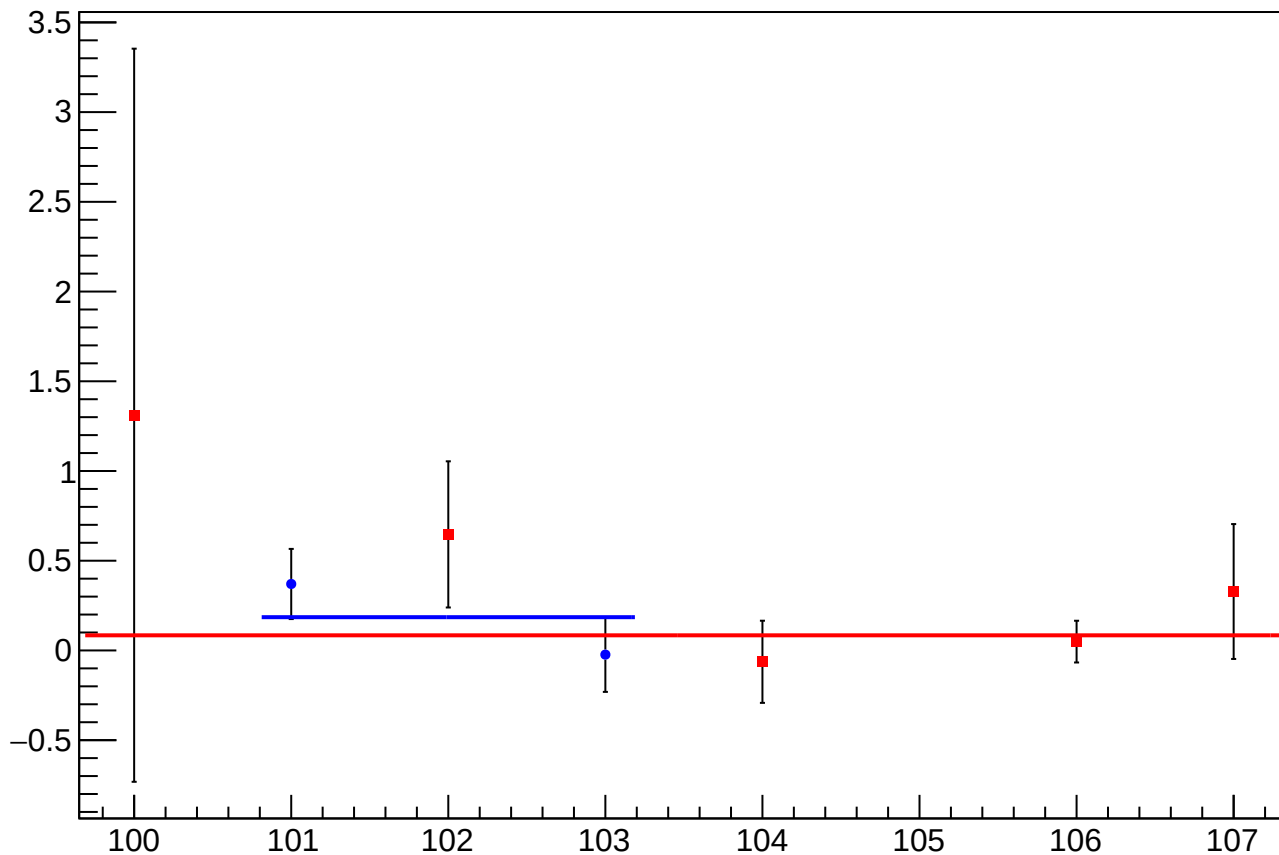
Right: 108.105+/-0.057 χ^2/NDF : 1015986.0/6

In: 150.374+/-0.101 χ^2/NDF : 5466.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.105+/-0.057 χ^2/NDF : 1015986.0/6

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.185 $\pm$ 0.142 χ^2 /NDF: 1.9/1

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

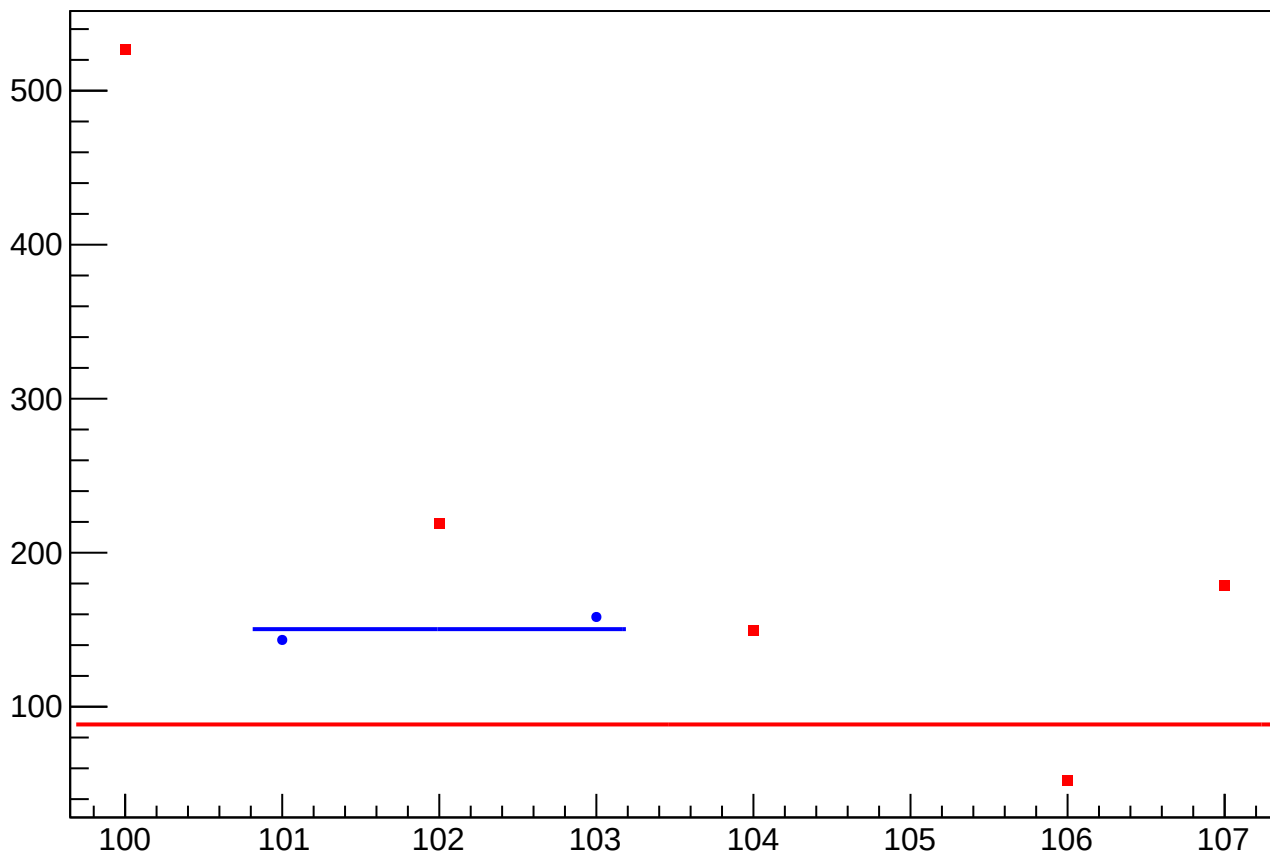
Right: 0.116 $\pm$ 0.080 χ^2 /NDF: 5.4/6

In: 0.185 $\pm$ 0.142 χ^2 /NDF:1.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.116 $\pm$ 0.080 χ^2 /NDF: 5.4/6

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 150.374+/-0.101 χ^2/NDF : 5466.3/1

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

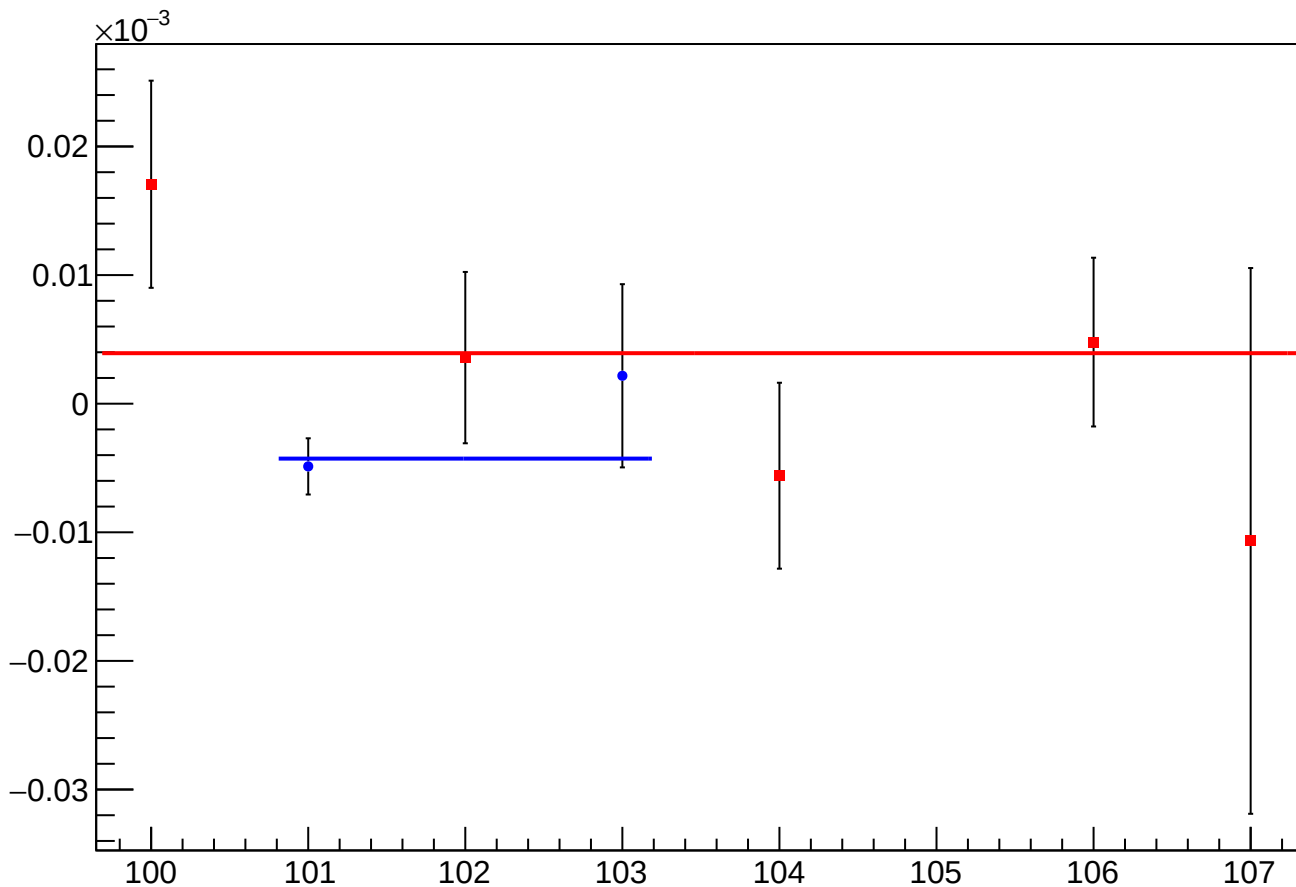
Right: 108.105+/-0.057 χ^2/NDF : 1015986.0/6

In: 150.374+/-0.101 χ^2/NDF : 5466.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.105+/-0.057 χ^2/NDF : 1015986.0/6

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: 0.9/1

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

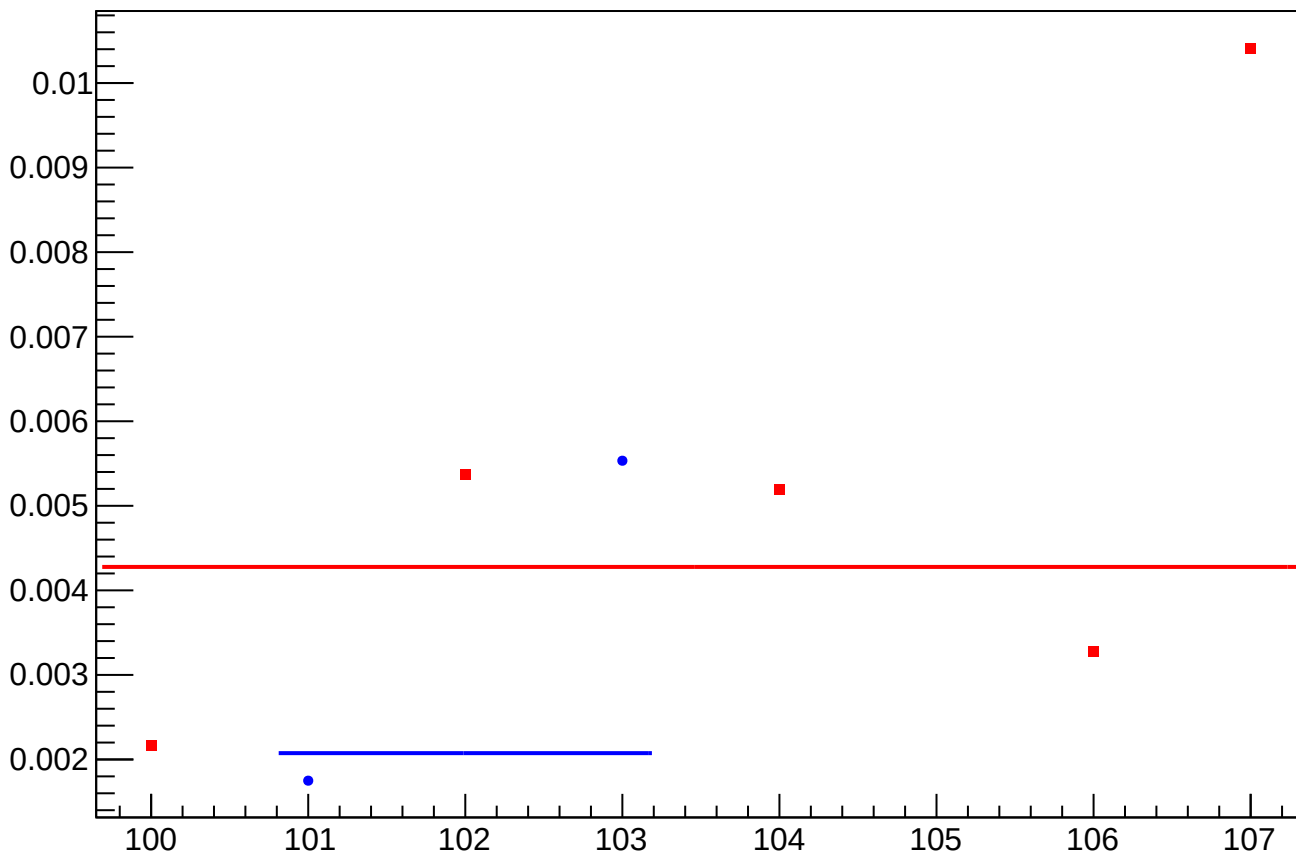
Right: -0.000+/-0.000 χ^2 /NDF: 9.9/6

In: -0.000+/-0.000 χ^2 /NDF:0.9/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 9.9/6

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 : 515819.2/1

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

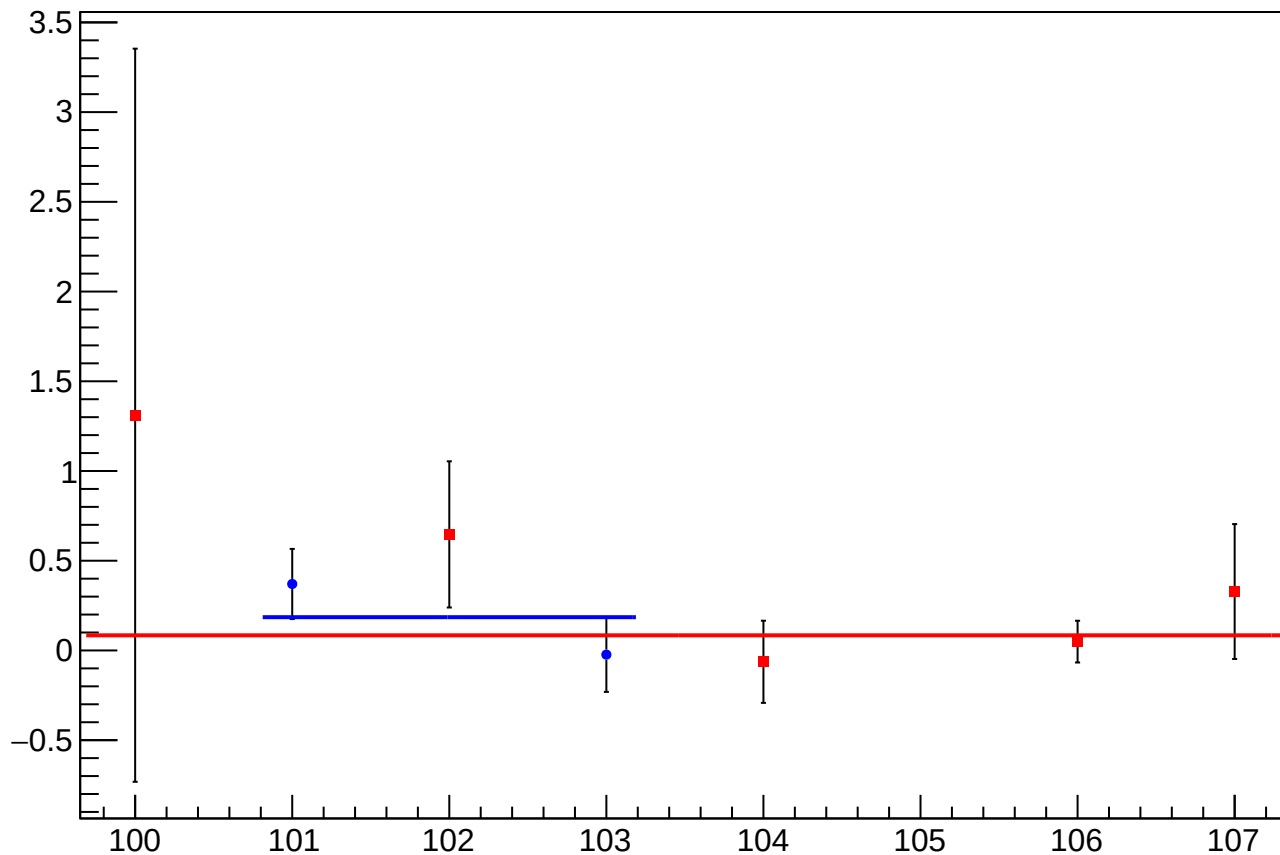
Right: 0.003+/-0.000 χ^2/NDF : 1540353.5/6

In: 0.002+/-0.000 χ^2/NDF : 515819.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 1540353.5/6

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.185+/-0.142 χ^2/NDF : 1.9/1

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

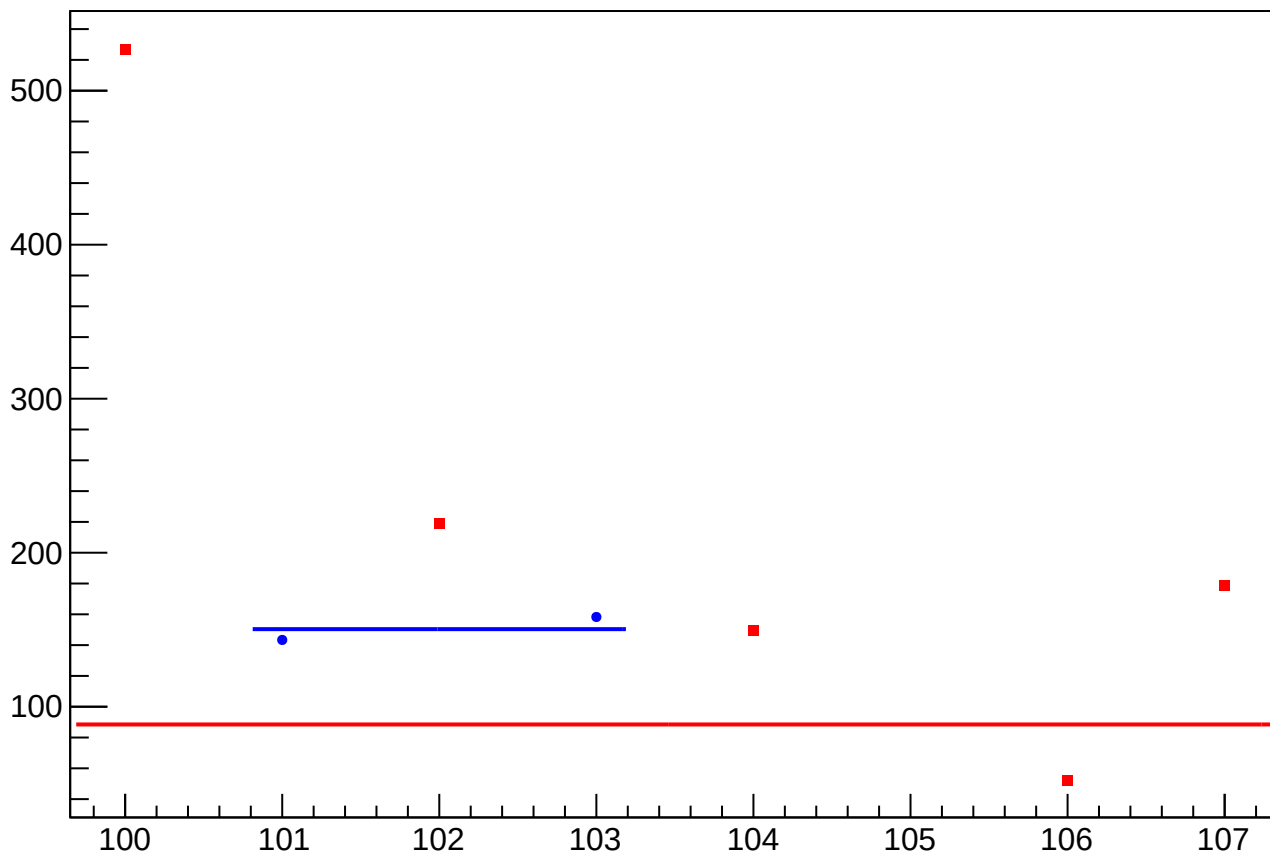
Right: 0.116+/-0.080 χ^2/NDF : 5.4/6

In: 0.185+/-0.142 χ^2/NDF : 1.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.116+/-0.080 χ^2/NDF : 5.4/6

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 150.373+/-0.101 χ^2/NDF : 5463.6/1

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

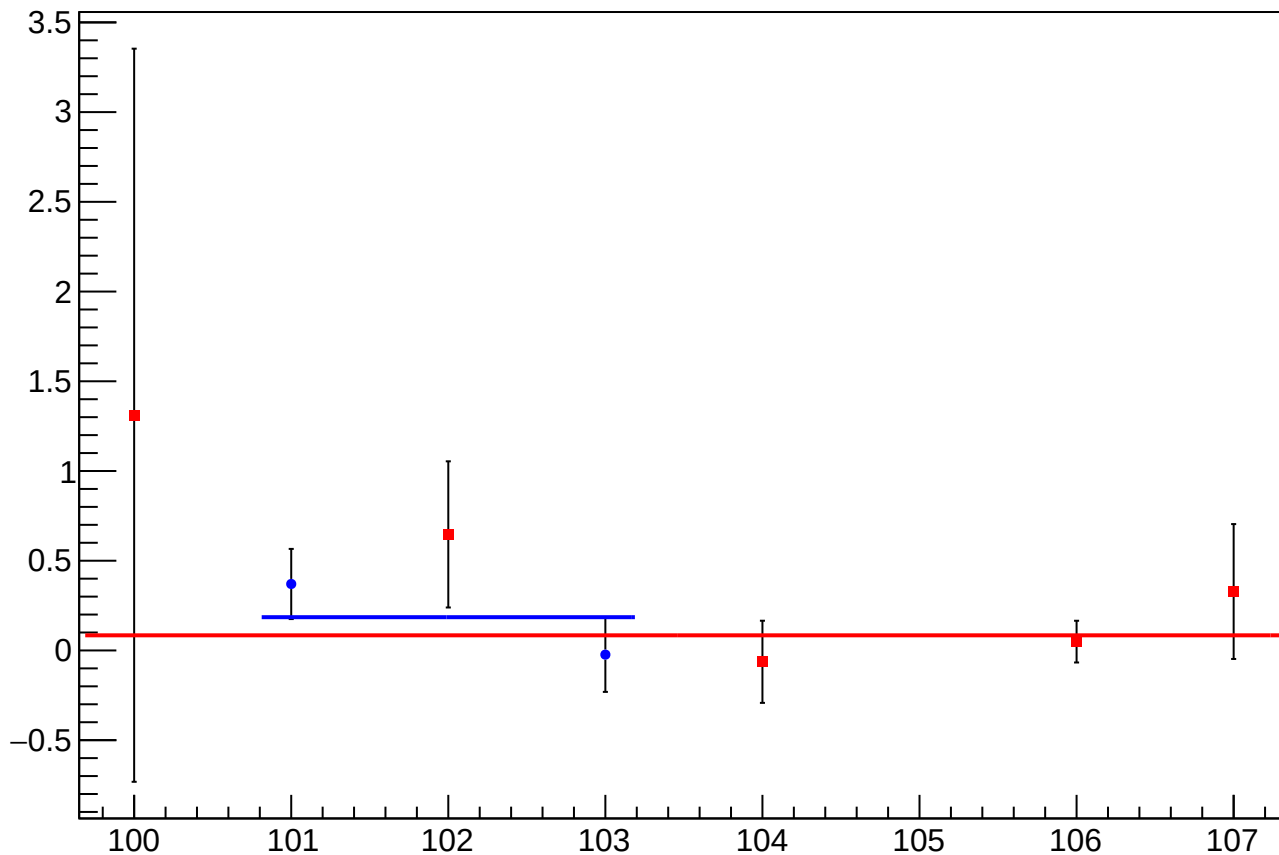
Right: 108.103+/-0.057 χ^2/NDF : 1016002.5/6

In: 150.373+/-0.101 χ^2/NDF : 5463.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.103+/-0.057 χ^2/NDF : 1016002.5/6

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.185+/-0.142 χ^2/NDF : 1.9/1

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

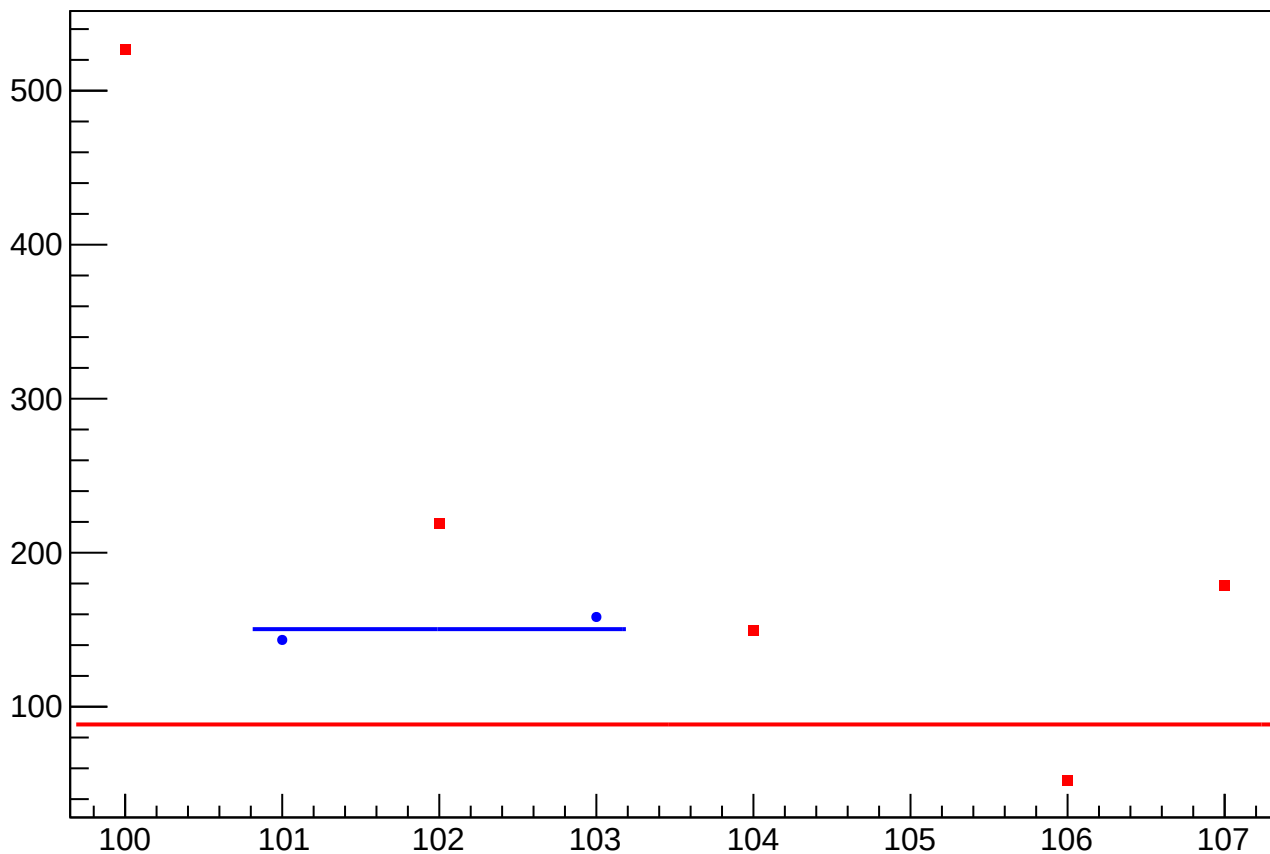
Right: 0.116+/-0.080 χ^2/NDF : 5.4/6

In: 0.185+/-0.142 χ^2/NDF : 1.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.116+/-0.080 χ^2/NDF : 5.4/6

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 150.373+/-0.101 χ^2/NDF : 5463.6/1

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

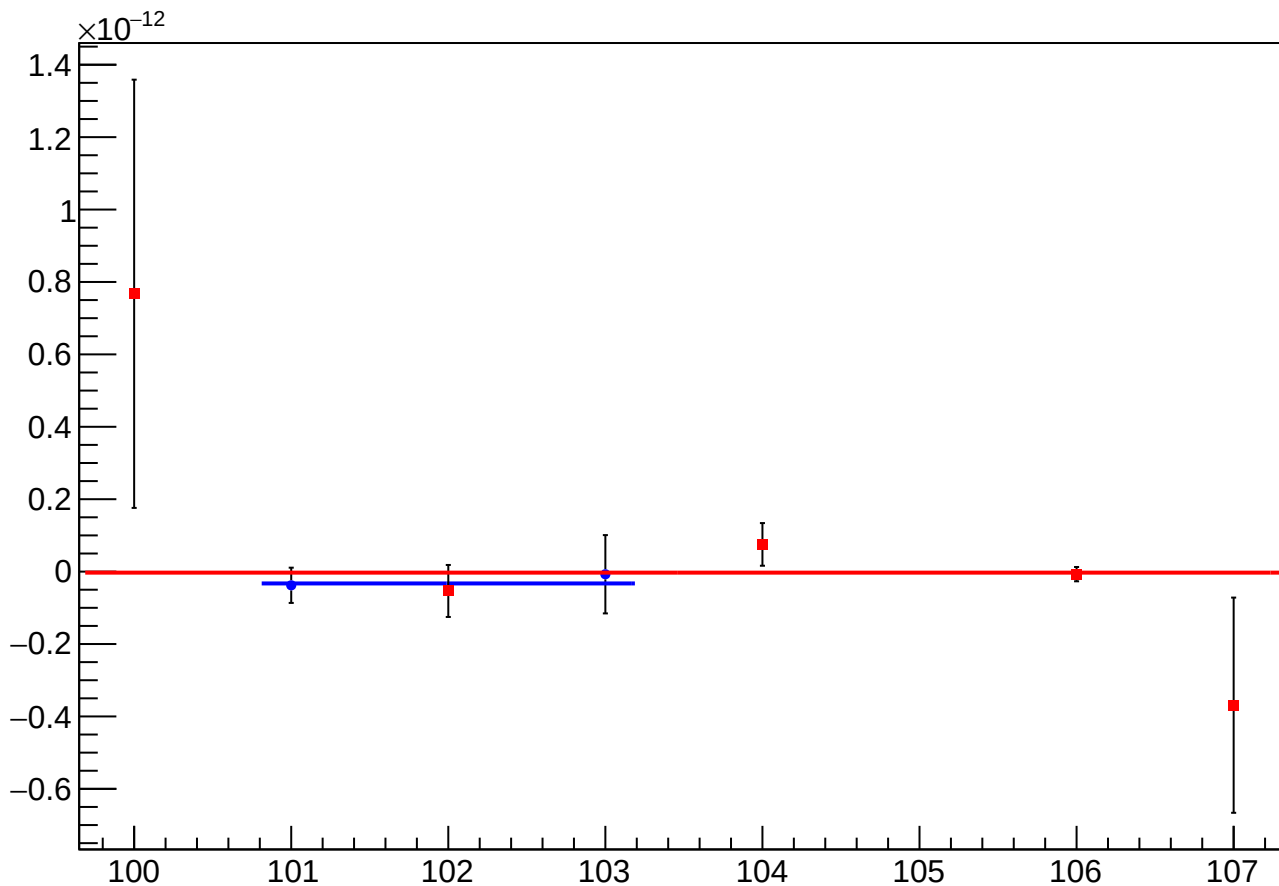
Right: 108.103+/-0.057 χ^2/NDF : 1016002.5/6

In: 150.373+/-0.101 χ^2/NDF : 5463.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.103+/-0.057 χ^2/NDF : 1016002.5/6

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 : 0.1/1

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

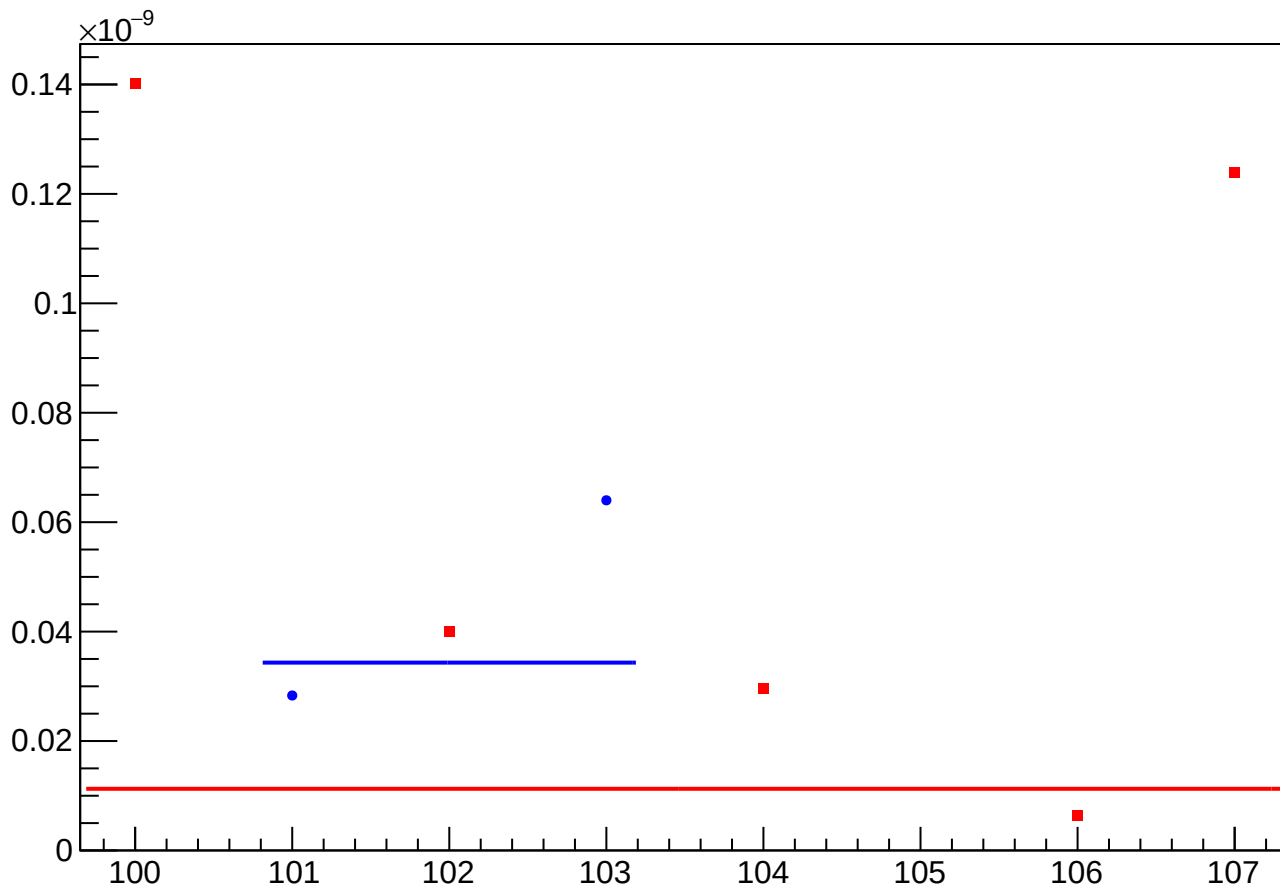
Right: -0.000+/-0.000 χ^2/NDF : 6.0/6

In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.0/6

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 : 181013.7/1

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

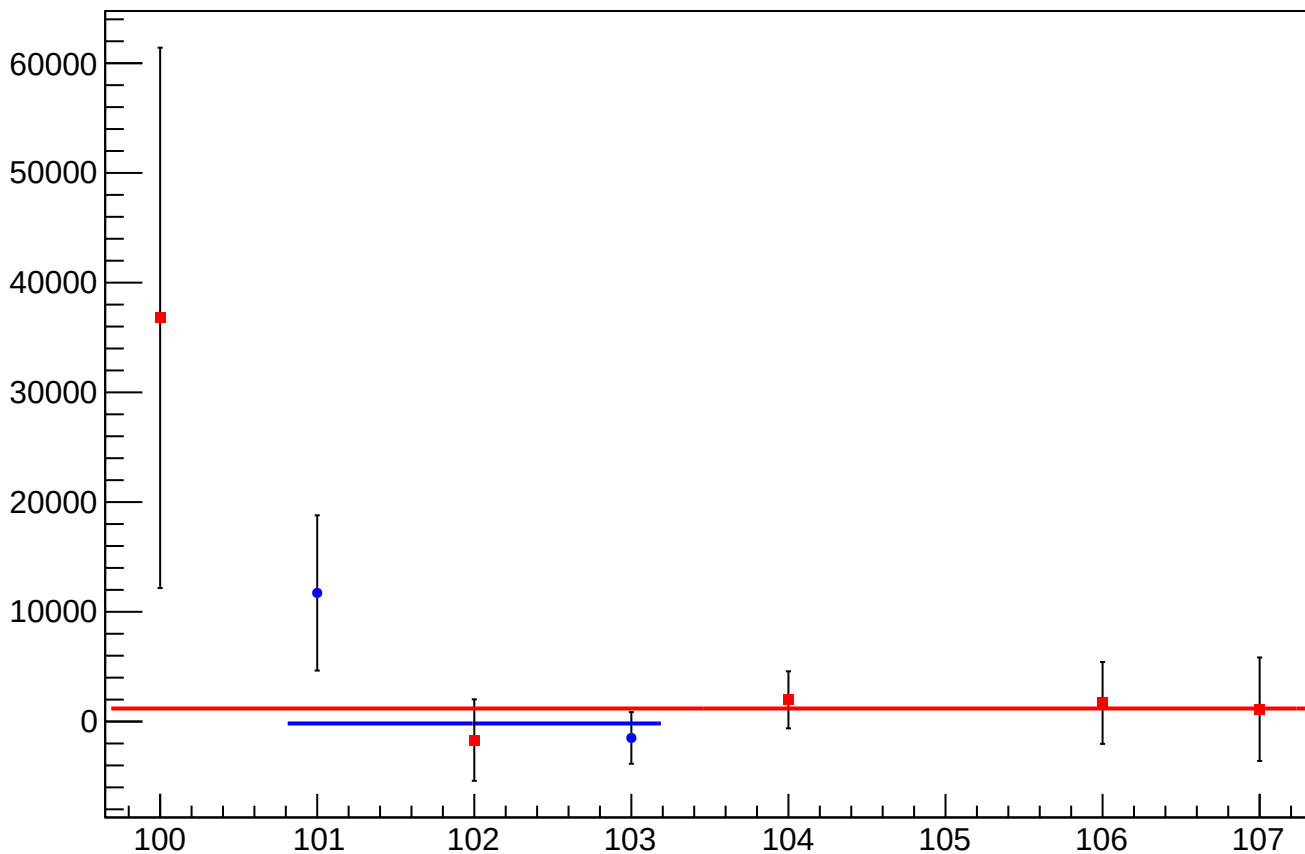
Right: 0.000+/-0.000 χ^2/NDF : 1663674.2/6

In: 0.000+/-0.000 χ^2/NDF : 181013.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1663674.2/6

reg_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -176.455+/-2233.513 χ^2/NDF : 3.1/1

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

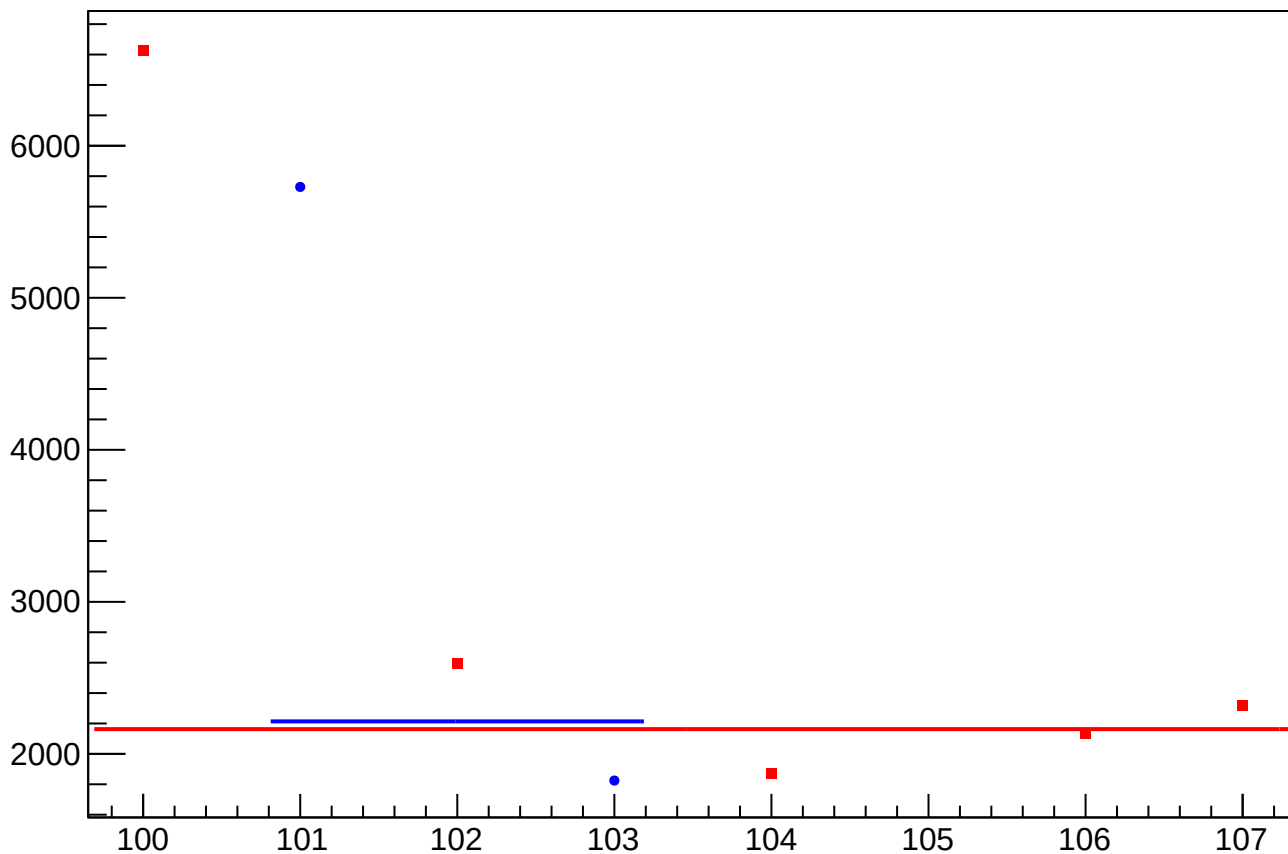
Right: 681.129+/-1361.949 χ^2/NDF : 6.2/6

In: -176.455+/-2233.513 χ^2/NDF : 3.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 681.129+/-1361.949 χ^2/NDF : 6.2/6

reg_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2213.746+/-1.579 χ^2/NDF : 548432.8/1

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

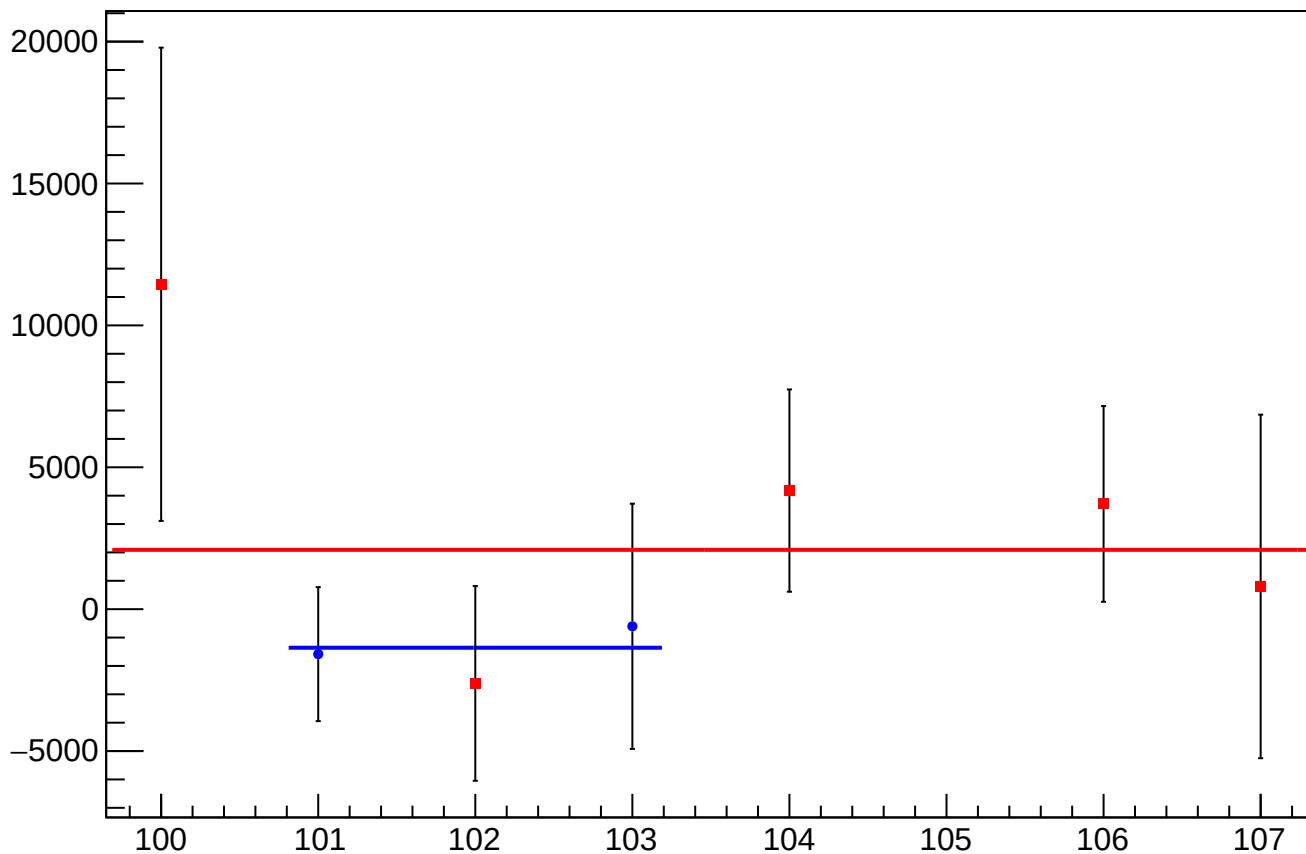
Right: 2181.794+/-0.963 χ^2/NDF : 668939.1/6

In: 2213.746+/-1.579 χ^2/NDF : 548432.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2181.794+/-0.963 χ^2/NDF : 668939.1/6

asym_us_dd_at1lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -1358.582 $\pm$ 2071.841 χ^2 /NDF: 0.0/1

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

Right Out: 2090.650 $\pm$ 1858.929 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

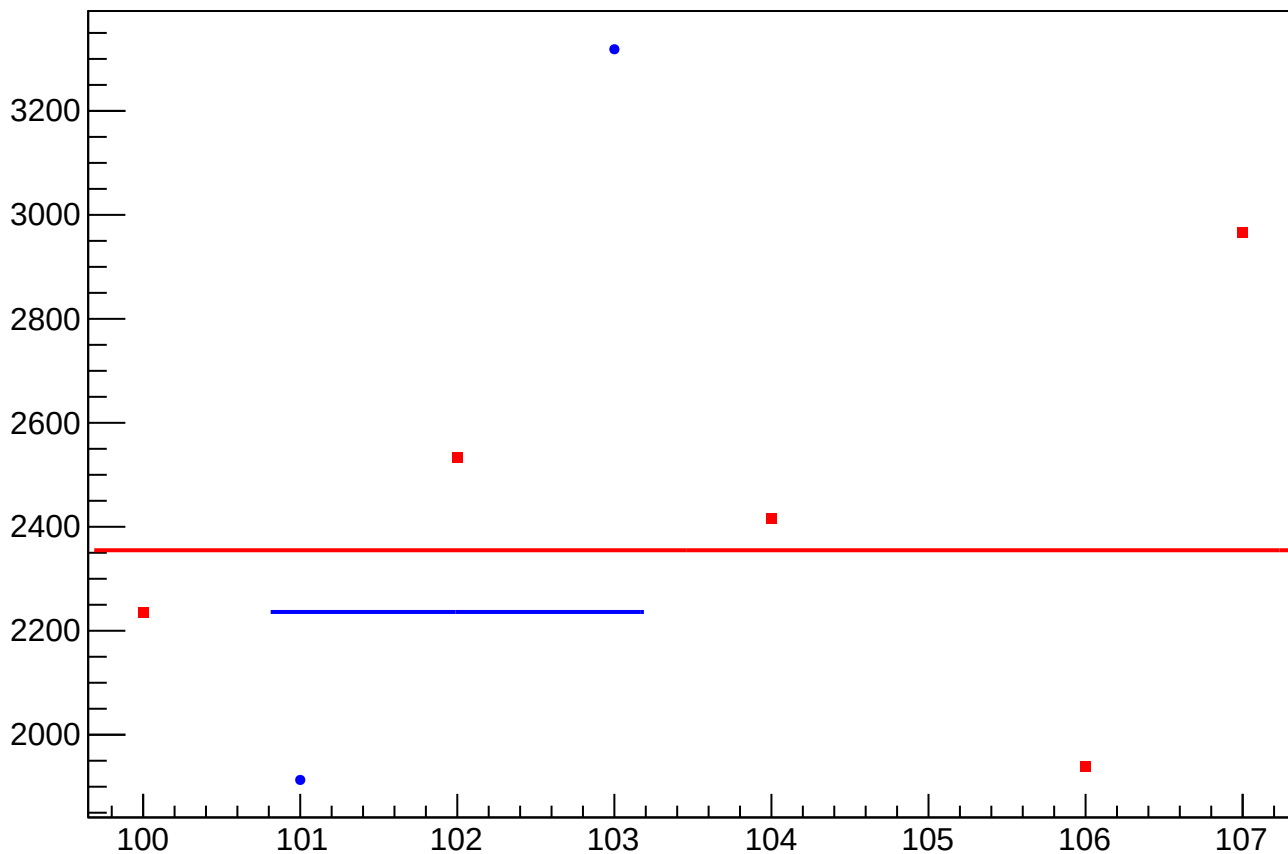
Right: 552.317 $\pm$ 1383.632 χ^2 /NDF: 5.3/6

In: -1358.582 $\pm$ 2071.841 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 552.317 $\pm$ 1383.632 χ^2 /NDF: 5.3/6

asym_us_dd_at1lr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2236.166+/-1.465 χ^2/NDF : 162952.9/1

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

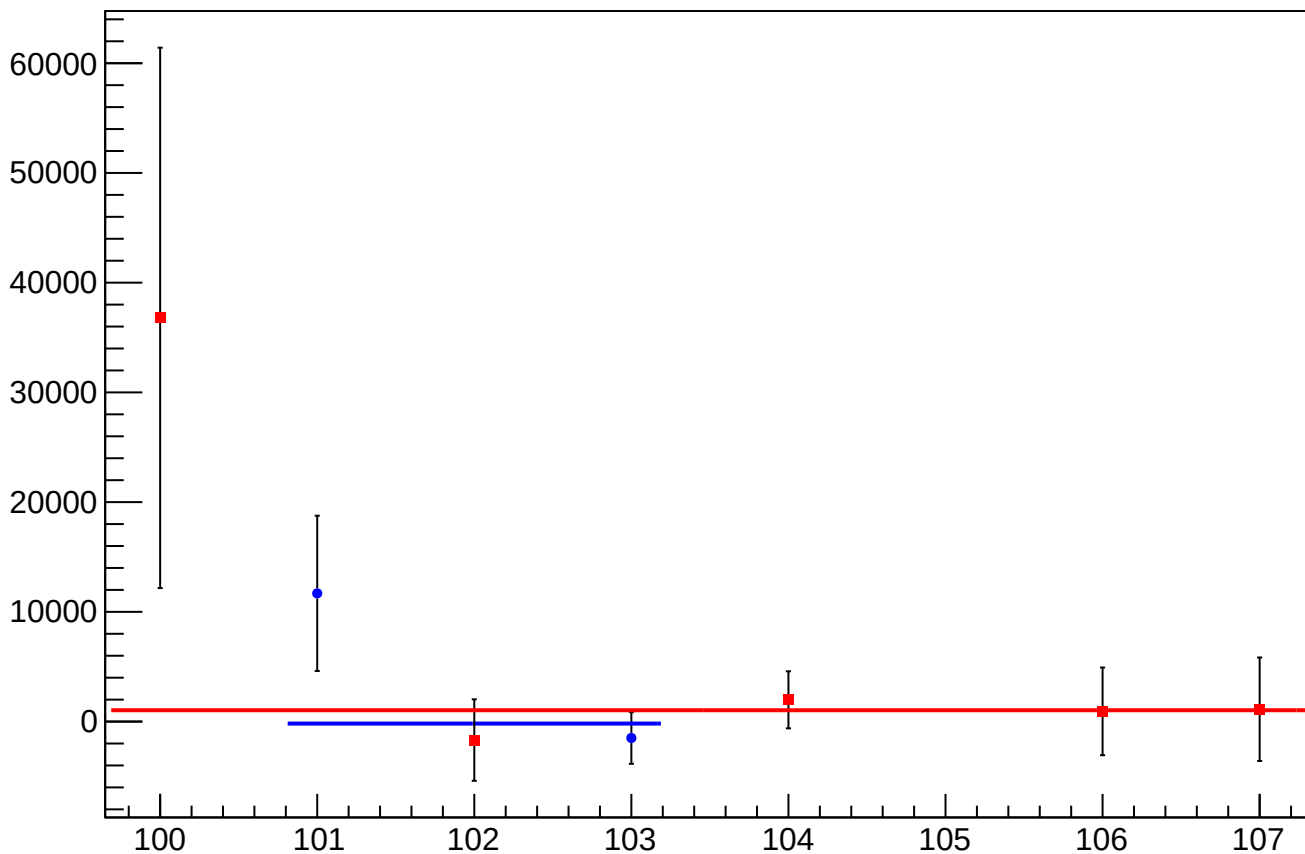
Right: 2301.922+/-0.978 χ^2/NDF : 222541.9/6

In: 2236.166+/-1.465 χ^2/NDF : 162952.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2301.922+/-0.978 χ^2/NDF : 222541.9/6

cor_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -182.074+/-2233.517 χ^2/NDF : 3.1/1

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

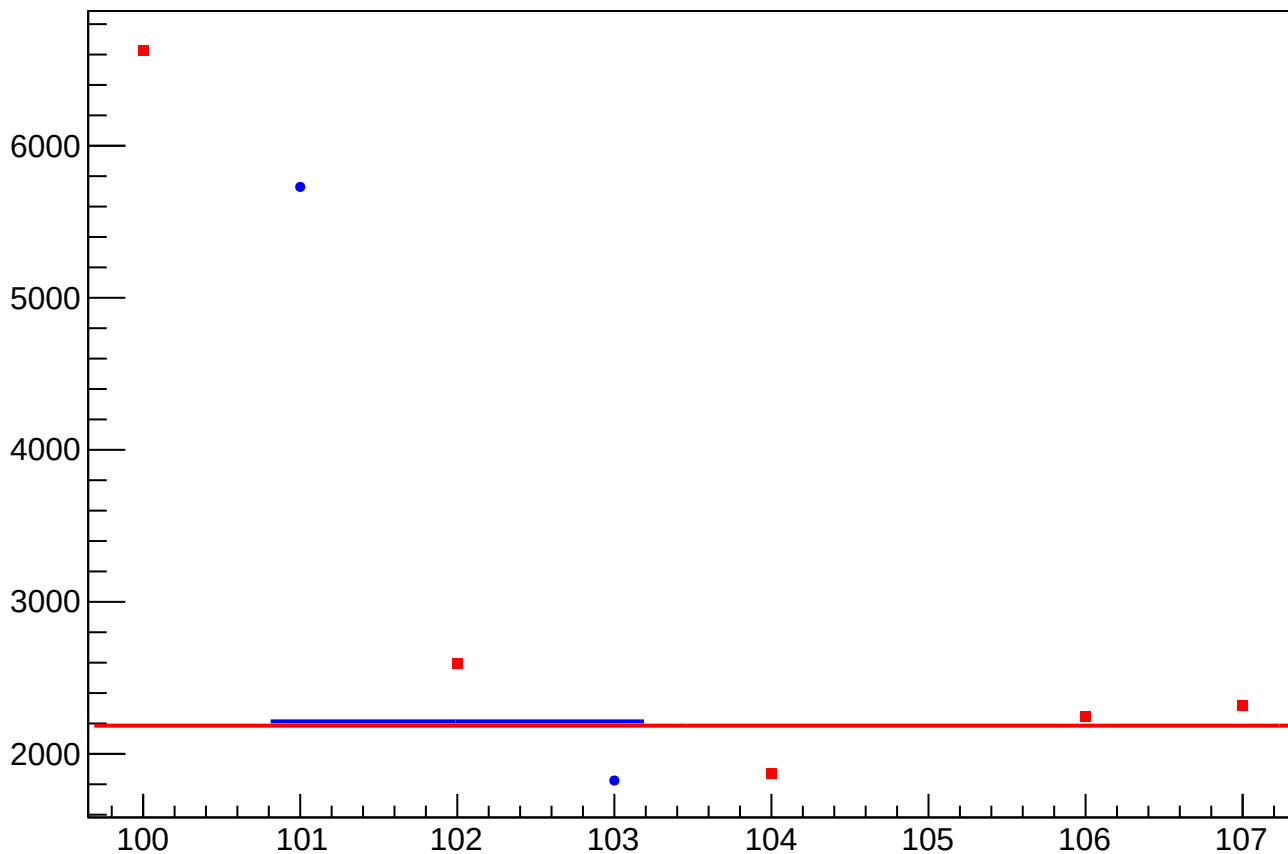
Right: 573.091+/-1373.439 χ^2/NDF : 6.1/6

In: -182.074+/-2233.517 χ^2/NDF : 3.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 573.091+/-1373.439 χ^2/NDF : 6.1/6

cor_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2213.747+/-1.579 χ^2/NDF : 548432.6/1

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

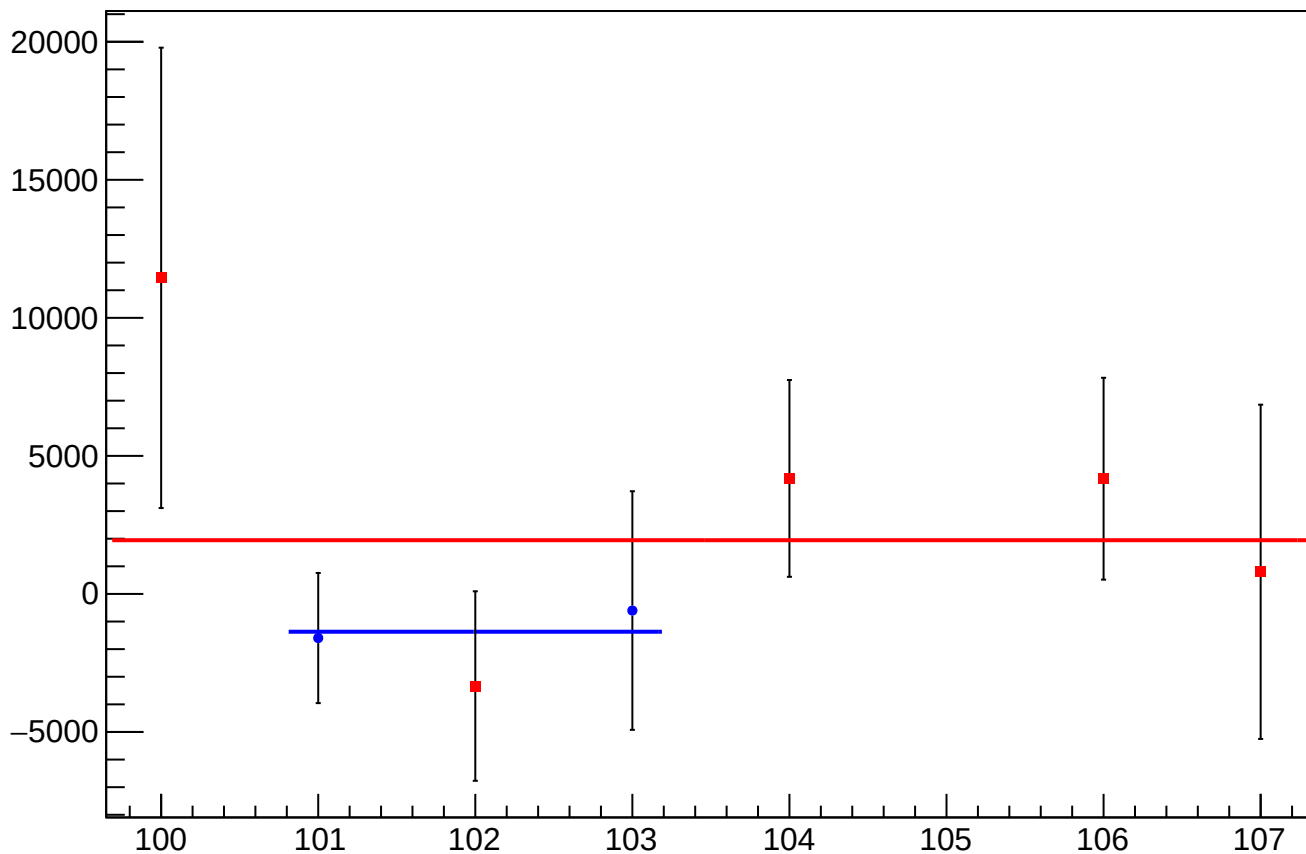
Right: 2196.429+/-0.971 χ^2/NDF : 668930.8/6

In: 2213.747+/-1.579 χ^2/NDF : 548432.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2196.429+/-0.971 χ^2/NDF : 668930.8/6

asym_us_dd_at1lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -1369.360 $\pm$ 2069.716 χ^2 /NDF: 0.0/1

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

Right Out: 1945.698 $\pm$ 1889.490 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

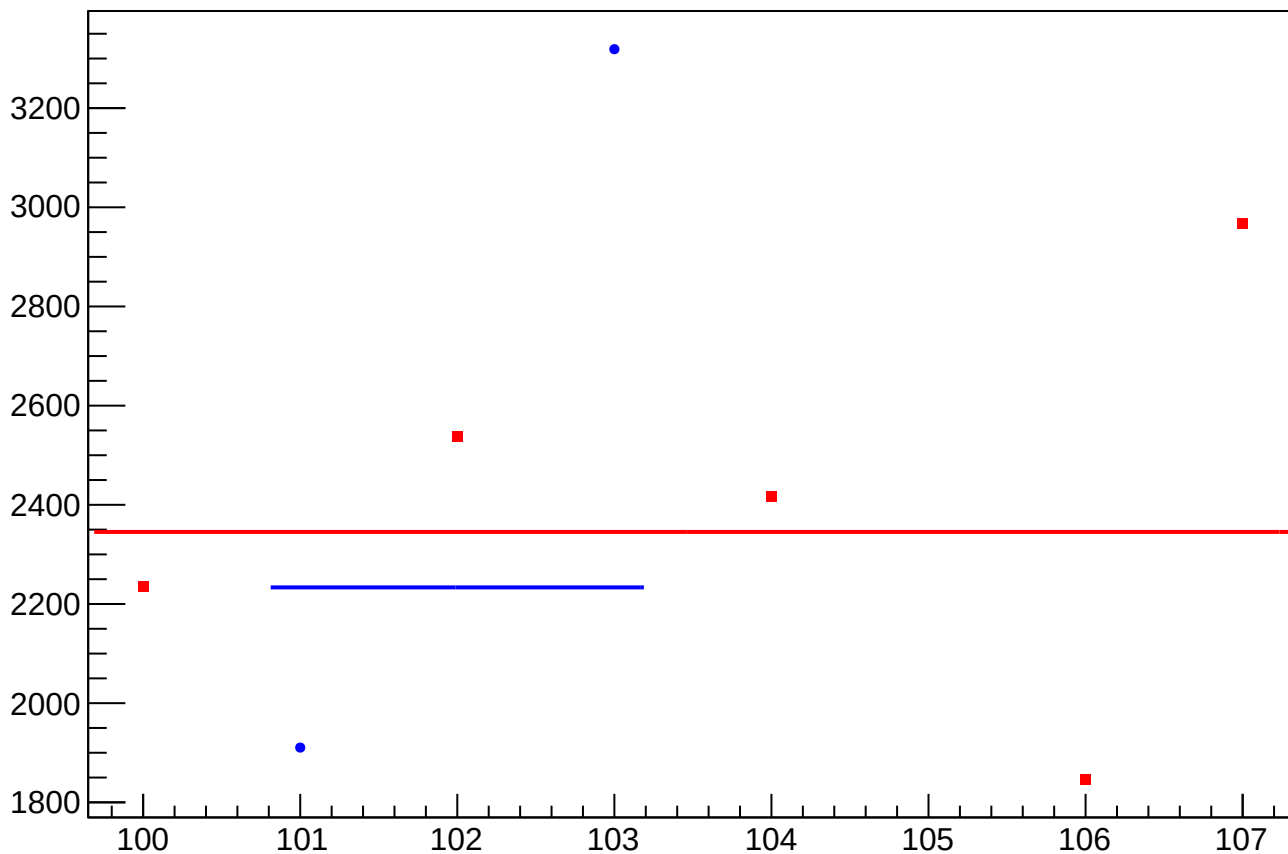
Right: 438.761 $\pm$ 1395.445 χ^2 /NDF: 5.9/6

In: -1369.360 $\pm$ 2069.716 χ^2 /NDF: 0.0/1

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

All: 438.761 $\pm$ 1395.445 χ^2 /NDF: 5.9/6

asym_us_dd_at1lr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2233.494+/-1.464 χ^2/NDF : 163705.6/1

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

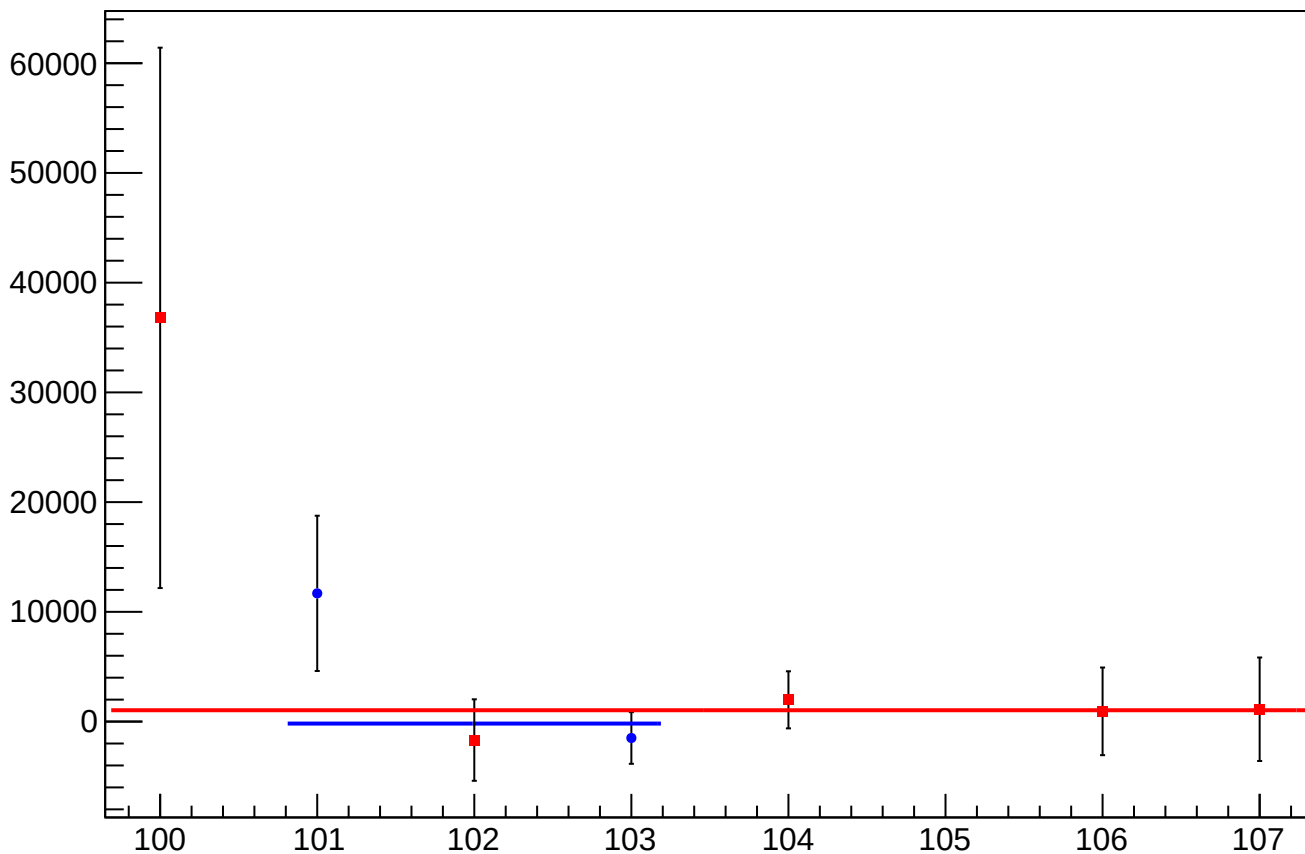
Right: 2294.495+/-0.987 χ^2/NDF : 232779.8/6

In: 2233.494+/-1.464 χ^2/NDF : 163705.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2294.495+/-0.987 χ^2/NDF : 232779.8/6

eigen_cor_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -182.074+/-2233.517 χ^2/NDF : 3.1/1

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

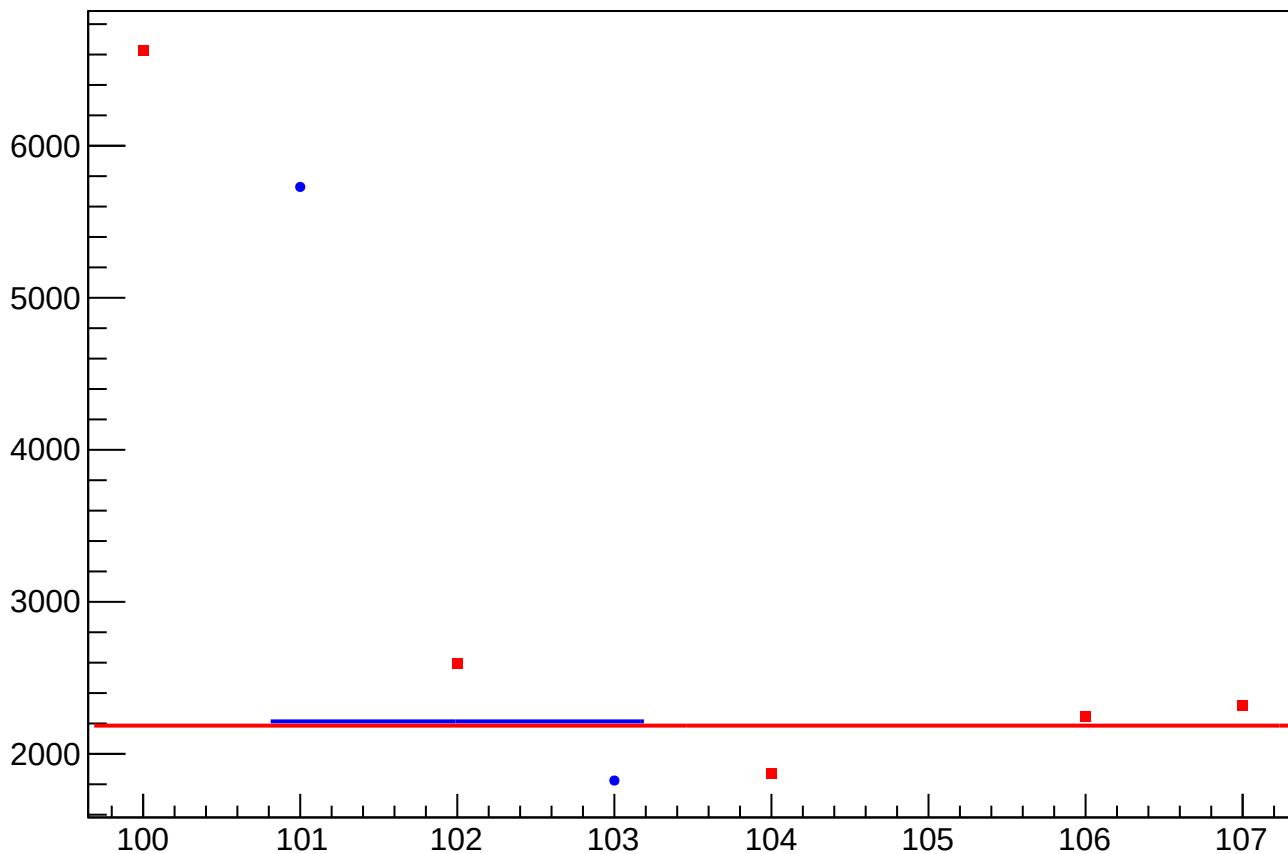
Right: 573.091+/-1373.439 χ^2/NDF : 6.1/6

In: -182.074+/-2233.517 χ^2/NDF : 3.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 573.091+/-1373.439 χ^2/NDF : 6.1/6

eigen_cor_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2213.747+/-1.579 χ^2/NDF : 548432.6/1

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

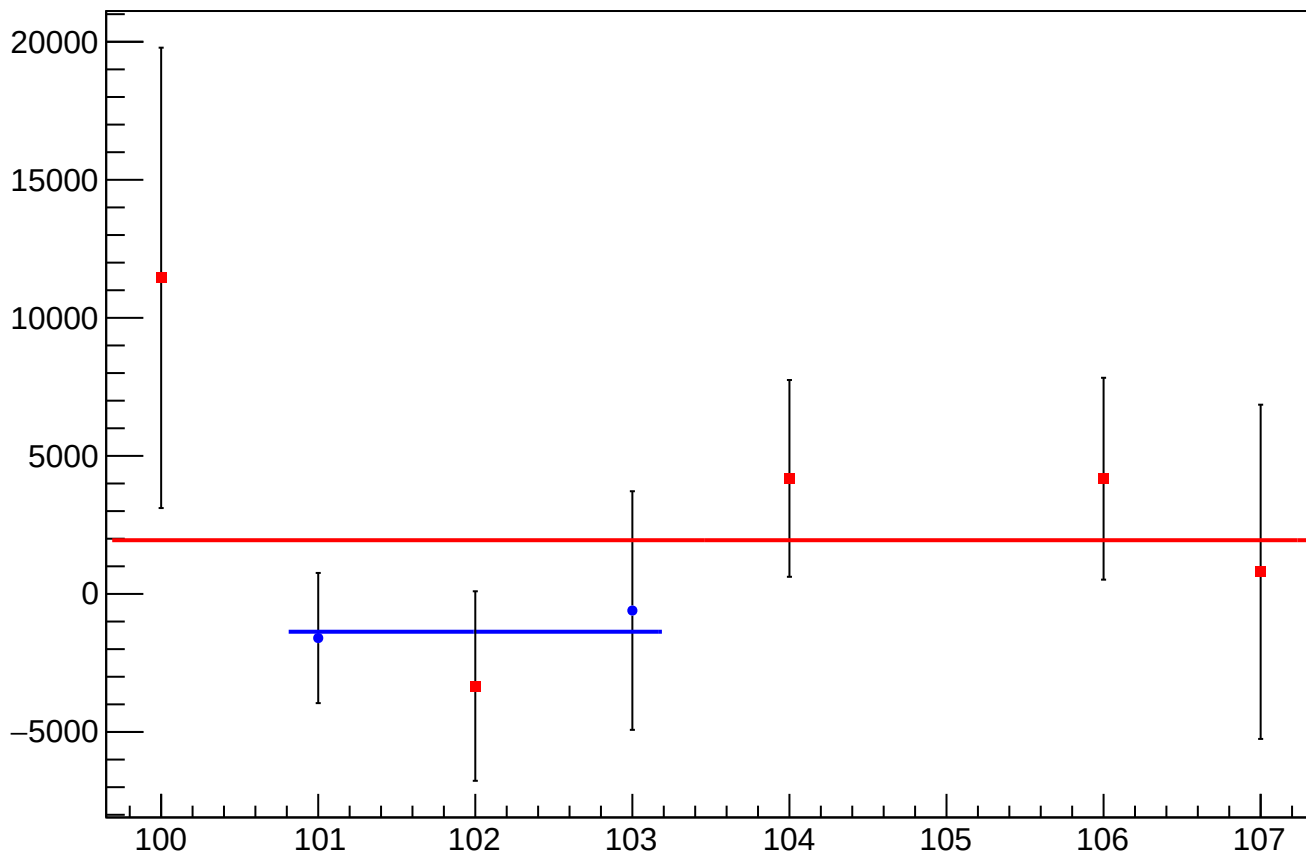
Right: 2196.429+/-0.971 χ^2/NDF : 668930.8/6

In: 2213.747+/-1.579 χ^2/NDF : 548432.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2196.429+/-0.971 χ^2/NDF : 668930.8/6

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1369.360+/-2069.716 χ^2/NDF : 0.0/1

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

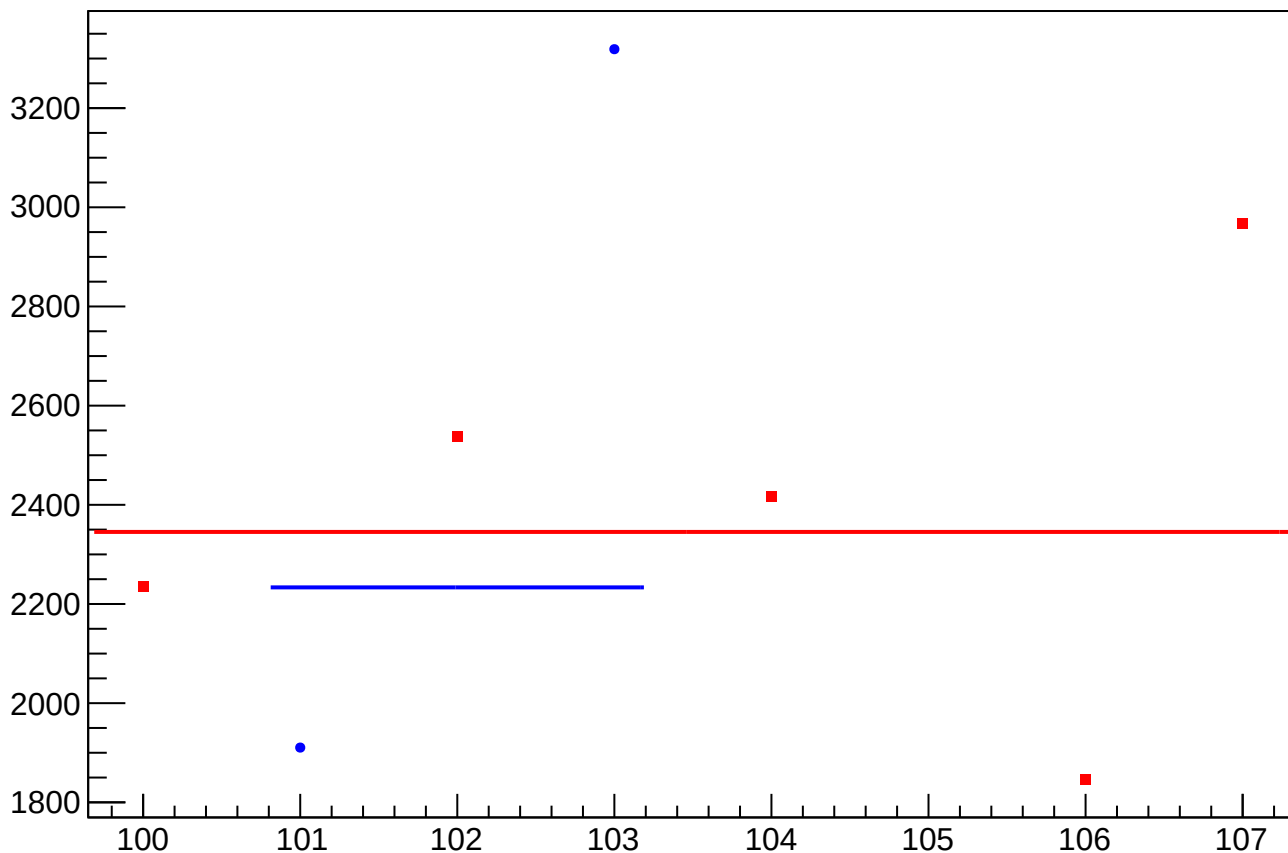
Right: 438.761+/-1395.445 χ^2/NDF : 5.9/6

In: -1369.360+/-2069.716 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 438.761+/-1395.445 χ^2/NDF : 5.9/6

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2233.494+/-1.464 χ^2/NDF : 163705.6/1

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

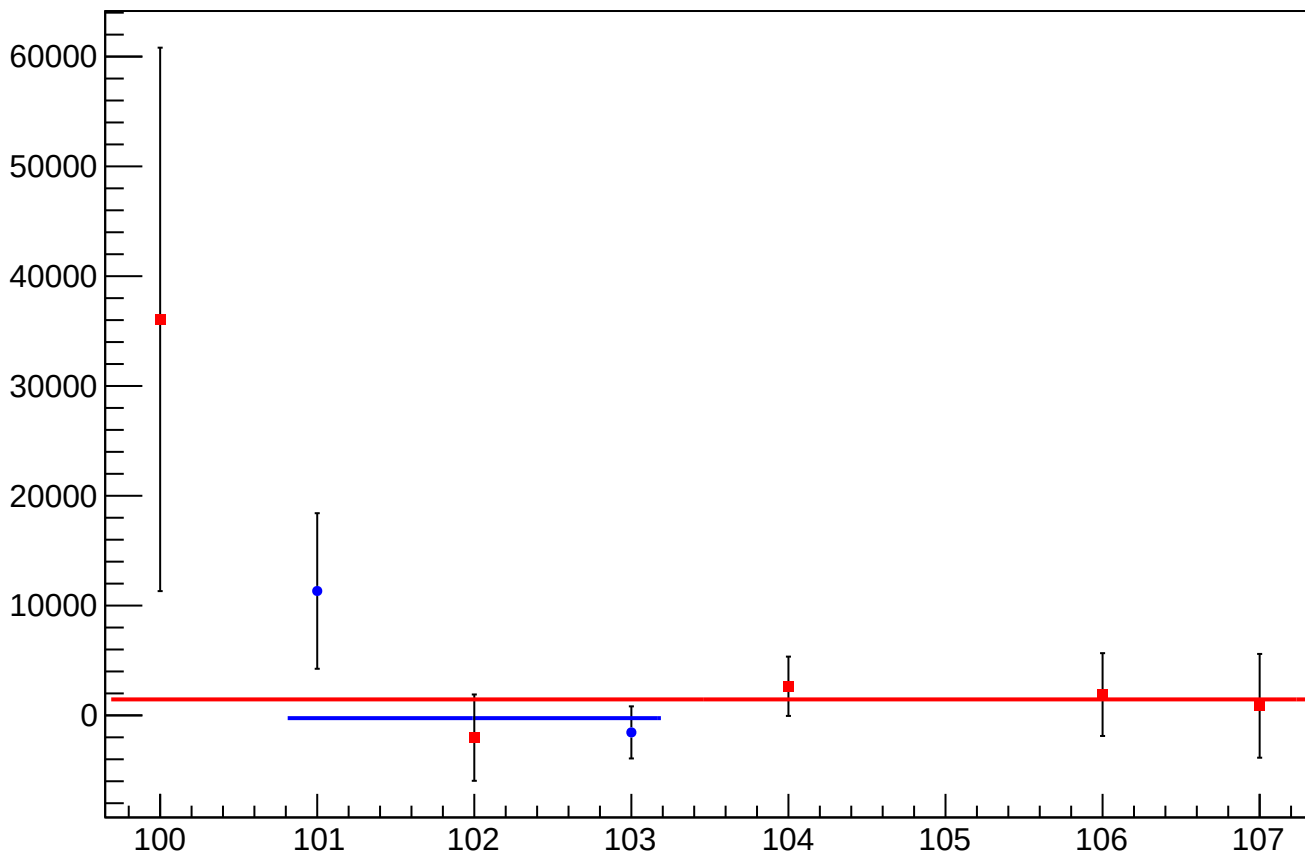
Right: 2294.495+/-0.987 χ^2/NDF : 232779.8/6

In: 2233.494+/-1.464 χ^2/NDF : 163705.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2294.495+/-0.987 χ^2/NDF : 232779.8/6

dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -252.225+/-2249.808 χ^2/NDF : 3.0/1

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

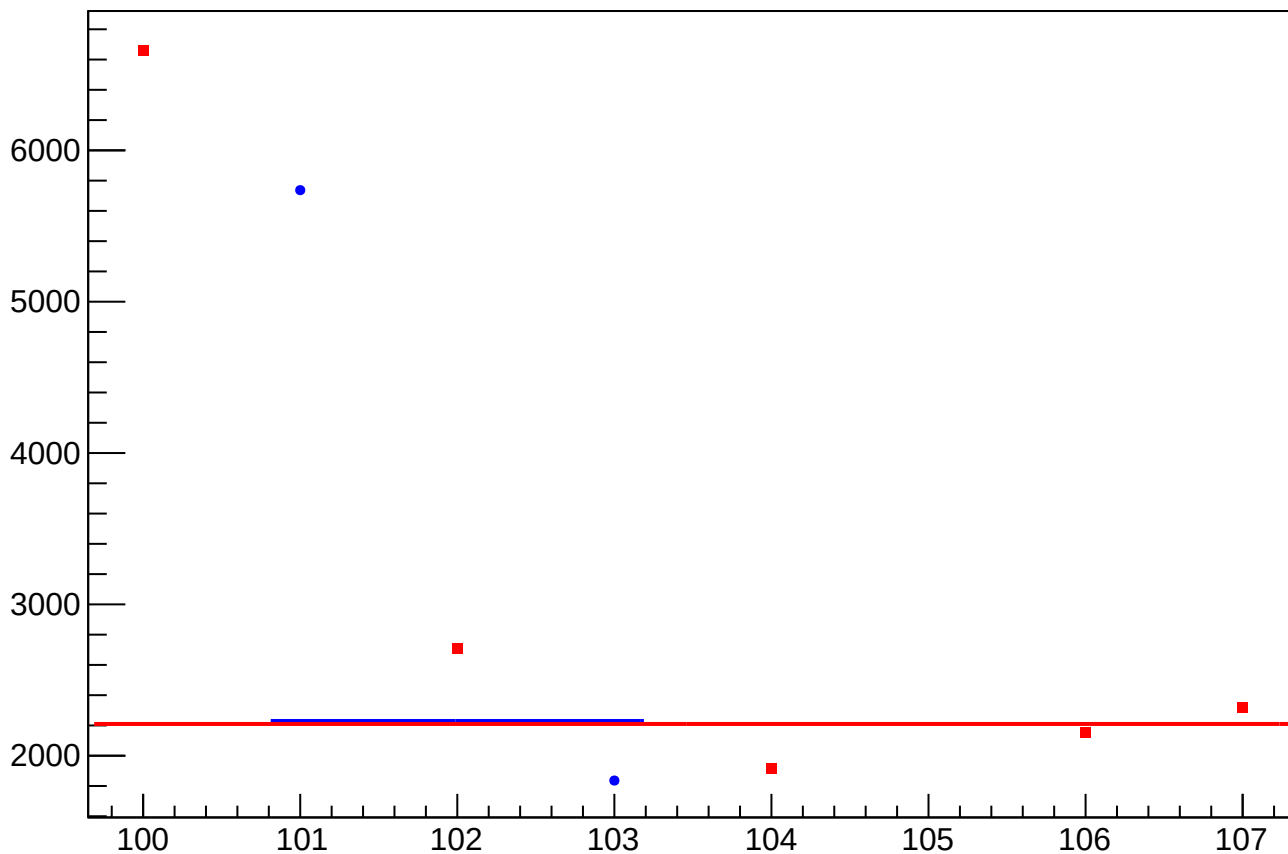
Right: 801.297+/-1391.922 χ^2/NDF : 6.3/6

In: -252.225+/-2249.808 χ^2/NDF : 3.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 801.297+/-1391.922 χ^2/NDF : 6.3/6

dit_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2229.358+/-1.591 χ^2 /NDF: 545237.8/1

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

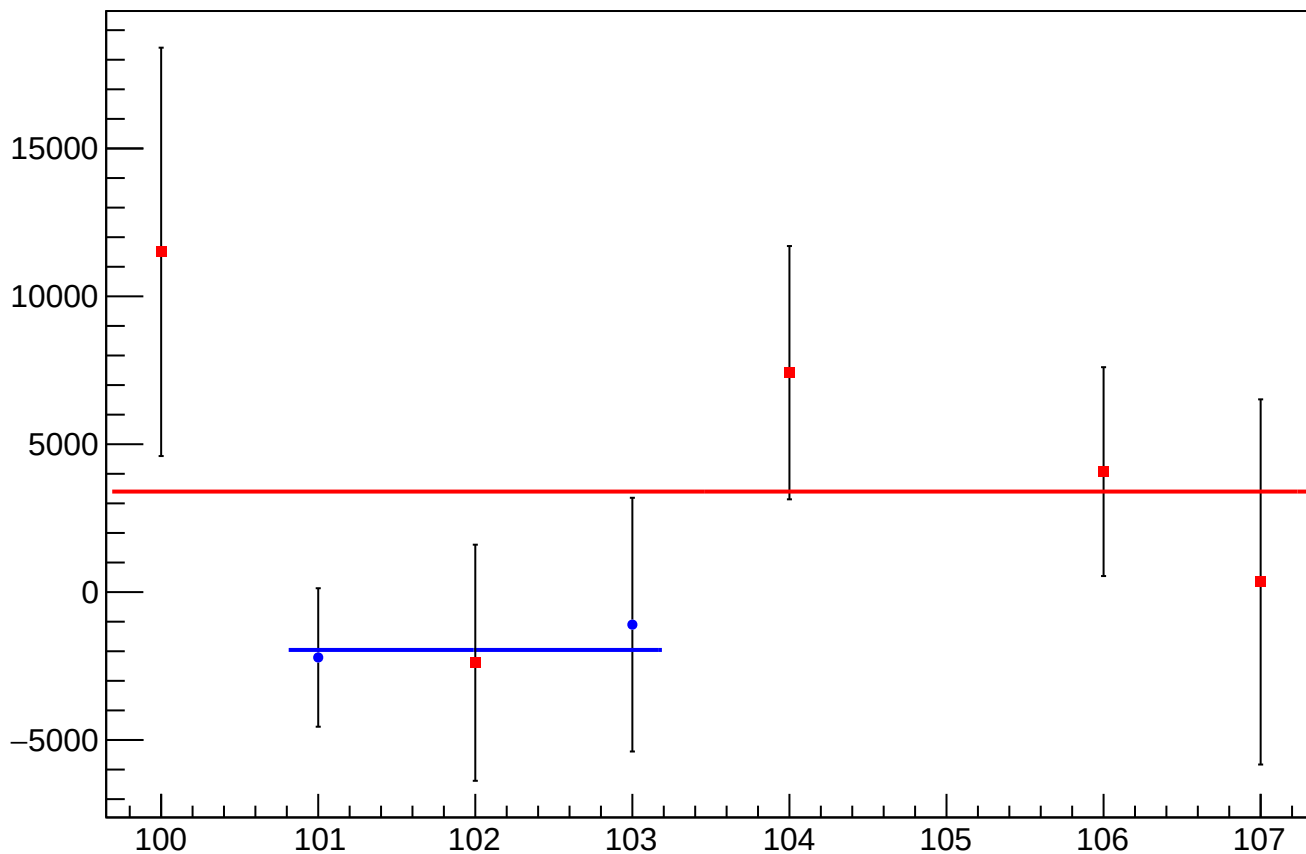
Right: 2217.345+/-0.984 χ^2 /NDF: 668124.7/6

In: 2229.358+/-1.591 χ^2 /NDF:545237.8/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2217.345+/-0.984 χ^2 /NDF: 668124.7/6

asym_us_dd_at1lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -1955.464+/-2054.999 χ^2 /NDF: 0.1/1

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

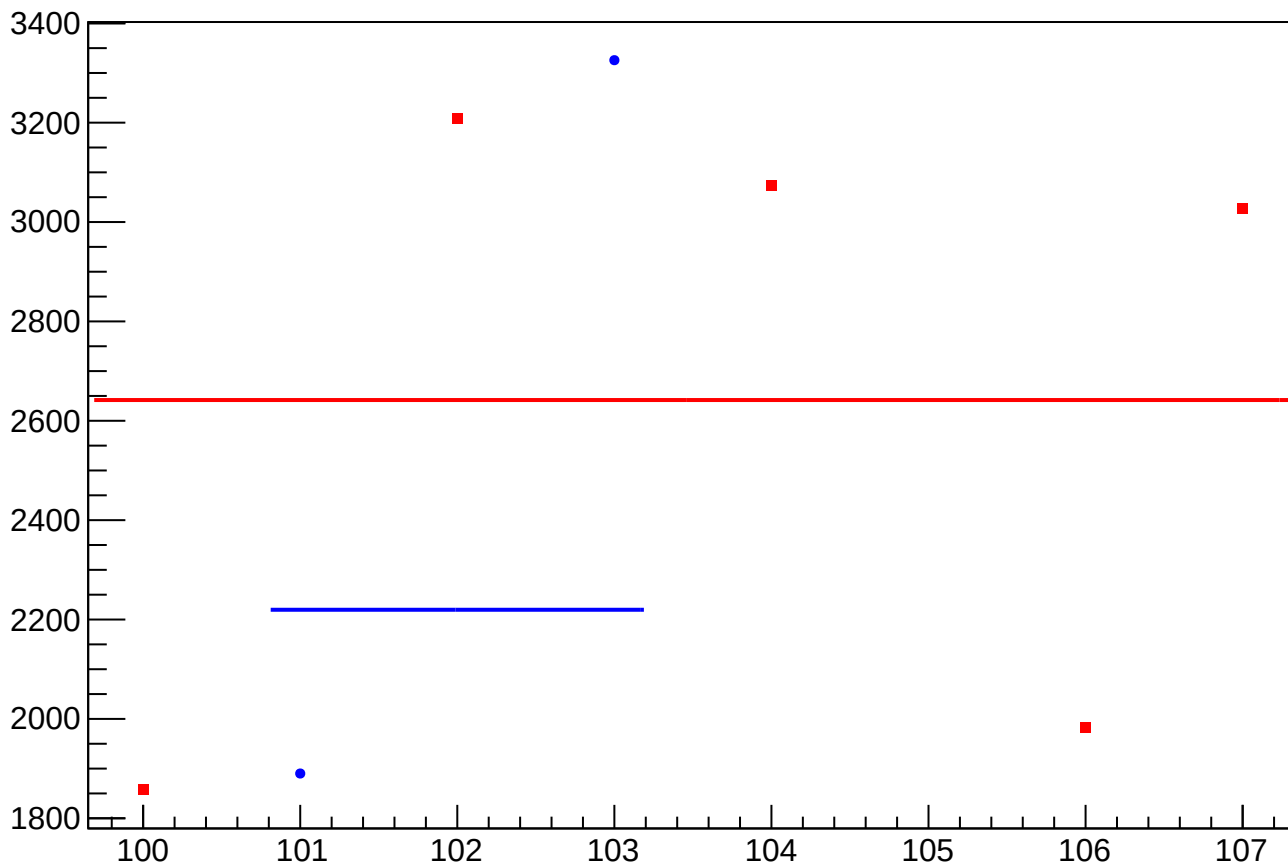
Right: 765.955+/-1441.089 χ^2 /NDF: 8.1/6

In: -1955.464+/-2054.999 χ^2 /NDF: 0.1/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 765.955+/-1441.089 χ^2 /NDF: 8.1/6

asym_us_dd_at1lr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2219.666+/-1.453 χ^2/NDF : 172642.3/1

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

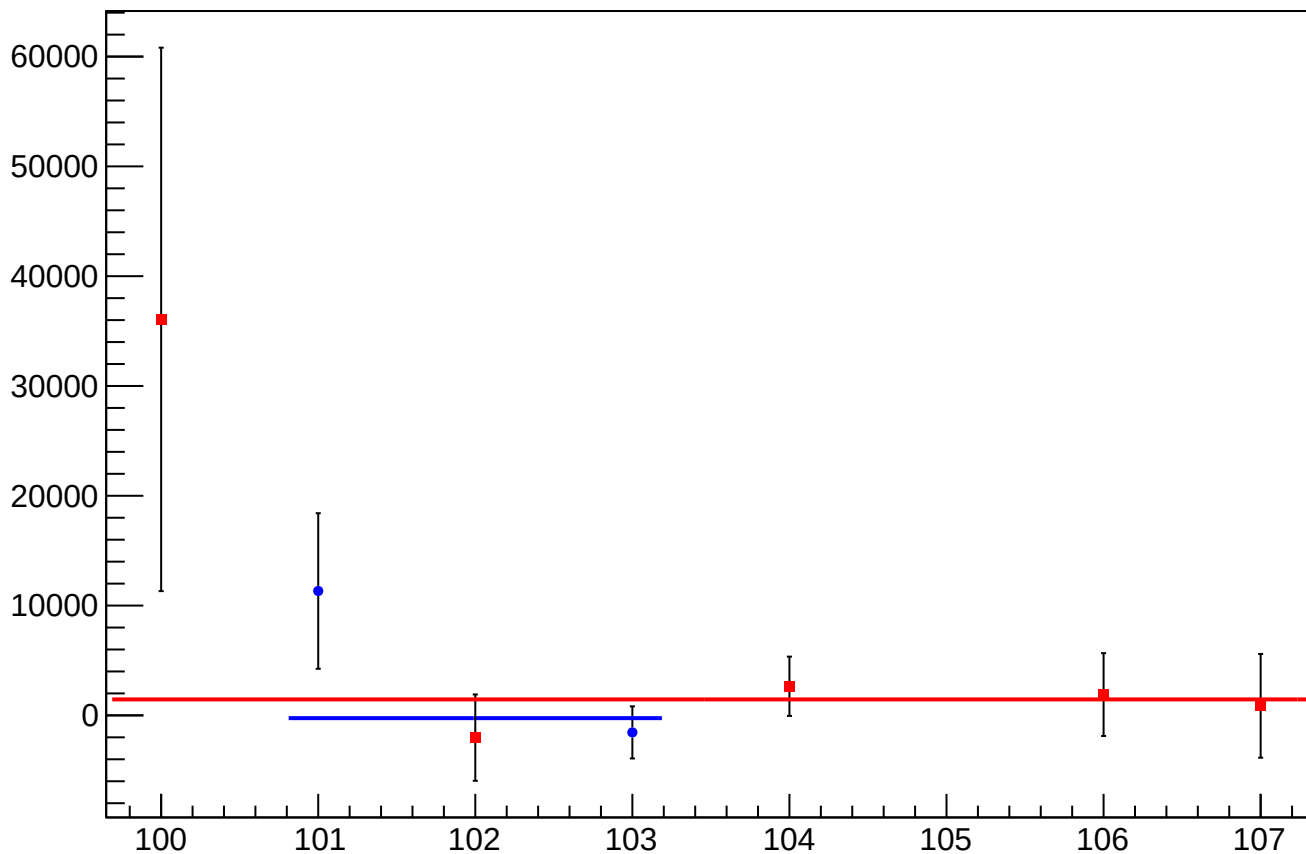
Right: 2434.193+/-1.019 χ^2/NDF : 379374.3/6

In: 2219.666+/-1.453 χ^2/NDF : 172642.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2434.193+/-1.019 χ^2/NDF : 379374.3/6

eigen_dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -252.217+/-2249.807 χ^2/NDF : 3.0/1

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

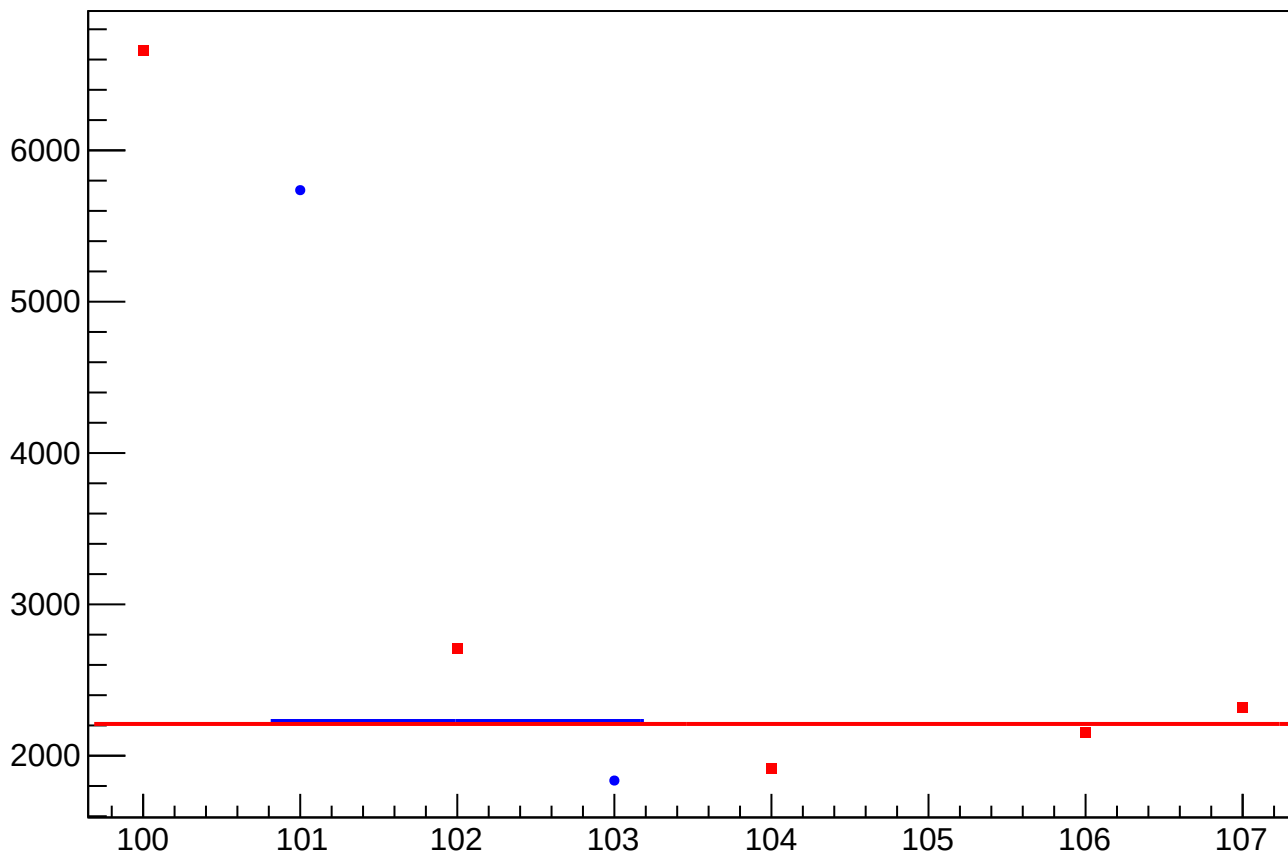
Right: 801.302+/-1391.922 χ^2/NDF : 6.3/6

In: -252.217+/-2249.807 χ^2/NDF : 3.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 801.302+/-1391.922 χ^2/NDF : 6.3/6

eigen_dit_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2229.357+/-1.591 χ^2/NDF : 545238.0/1

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

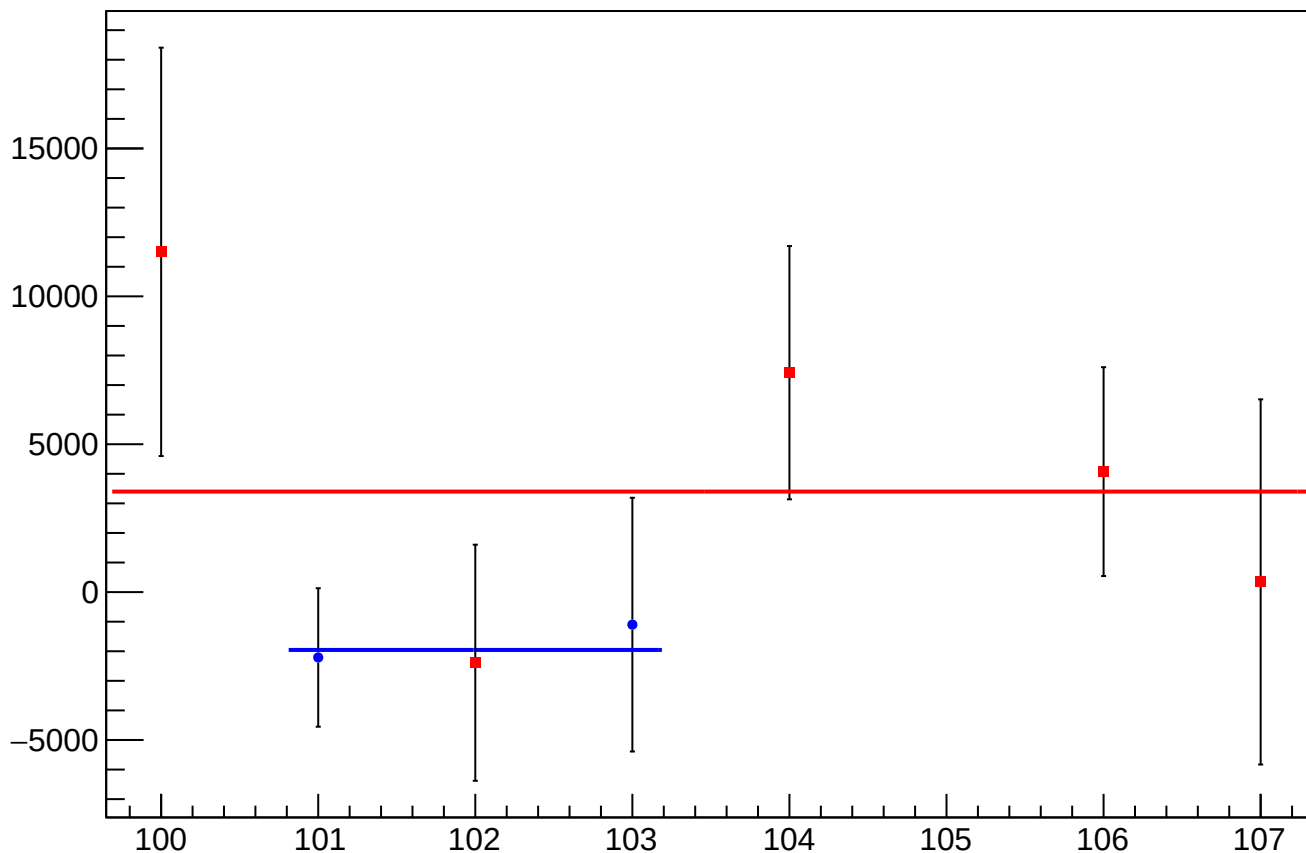
Right: 2217.344+/-0.984 χ^2/NDF : 668124.9/6

In: 2229.357+/-1.591 χ^2/NDF : 545238.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2217.344+/-0.984 χ^2/NDF : 668124.9/6

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1955.460+/-2054.998 χ^2/NDF : 0.1/1

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

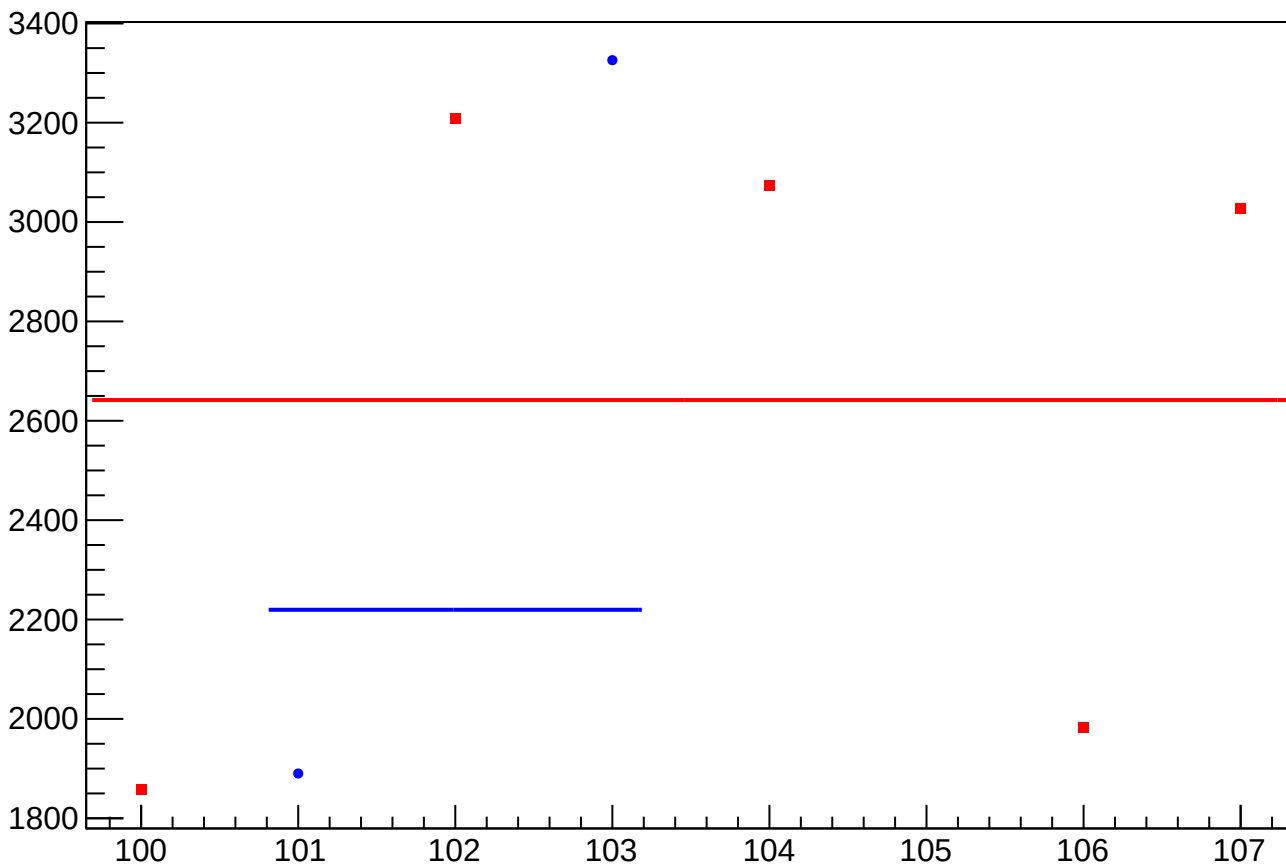
Right: 765.955+/-1441.089 χ^2/NDF : 8.1/6

In: -1955.460+/-2054.998 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 765.955+/-1441.089 χ^2/NDF : 8.1/6

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2219.664+/-1.453 χ^2/NDF : 172644.2/1

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

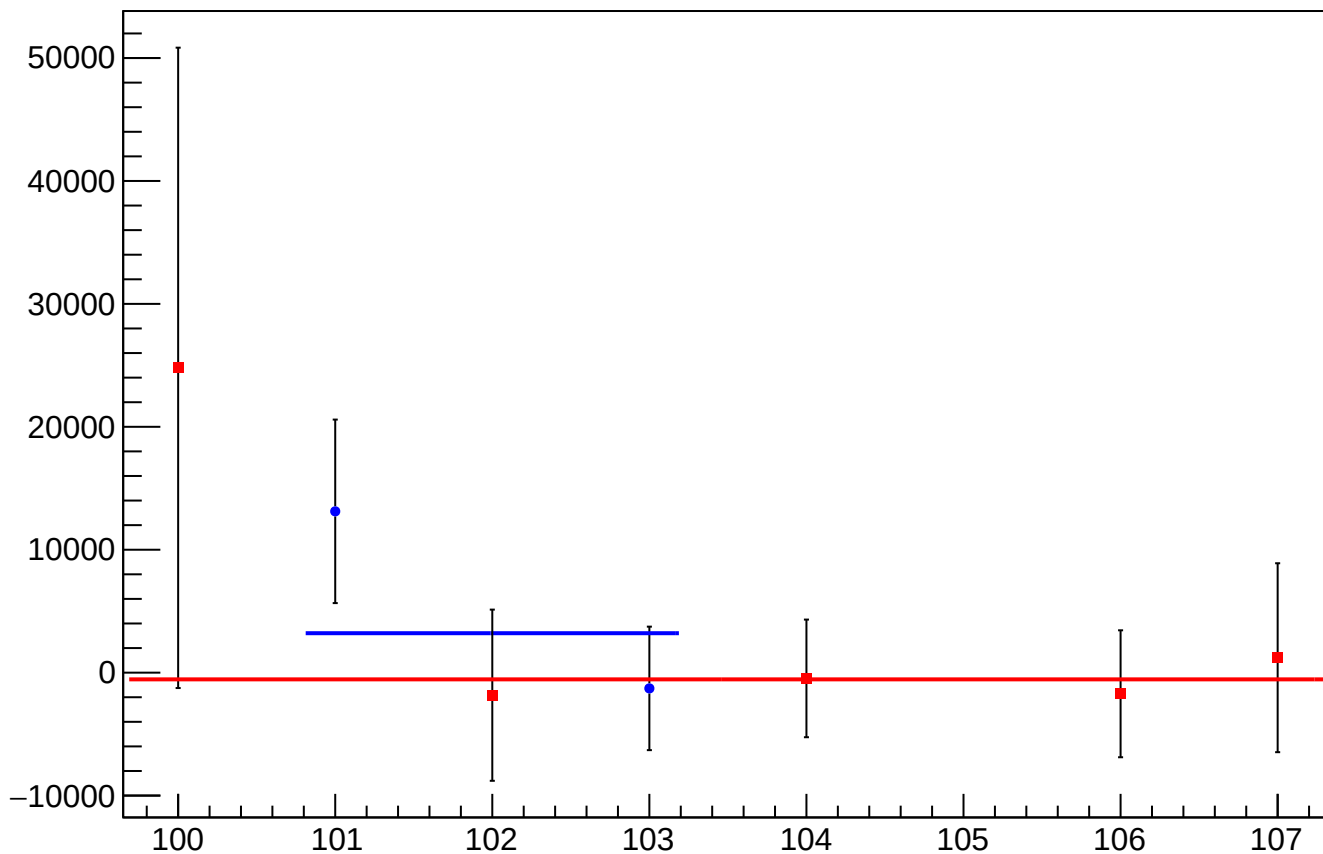
Right: 2434.192+/-1.019 χ^2/NDF : 379379.3/6

In: 2219.664+/-1.453 χ^2/NDF : 172644.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2434.192+/-1.019 χ^2/NDF : 379379.3/6

asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 3209.087+/-4167.344 χ^2/NDF : 2.6/1

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

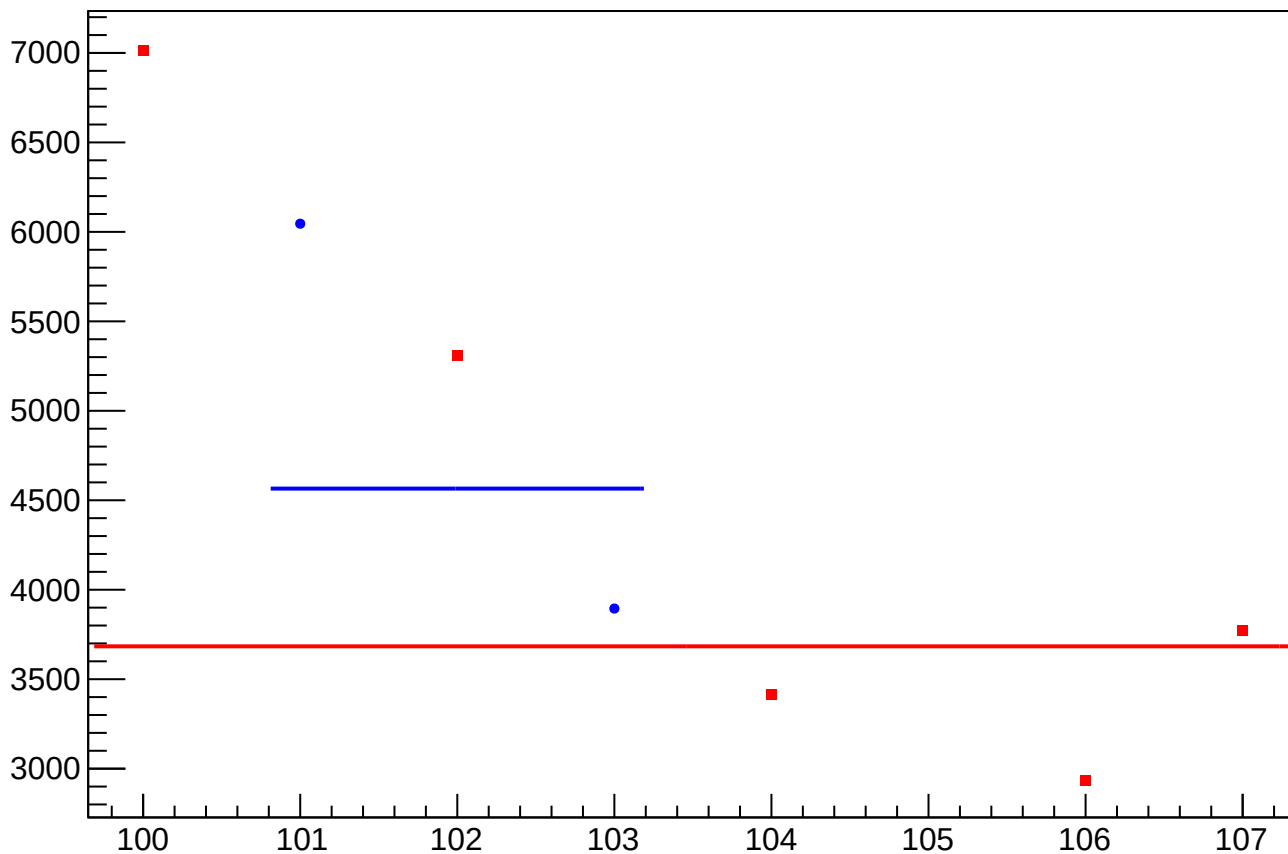
Right: 670.320+/-2371.723 χ^2/NDF : 4.2/6

In: 3209.087+/-4167.344 χ^2/NDF : 2.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 670.320+/-2371.723 χ^2/NDF : 4.2/6

asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 4565.307+/-2.947 χ^2/NDF : 114289.7/1

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

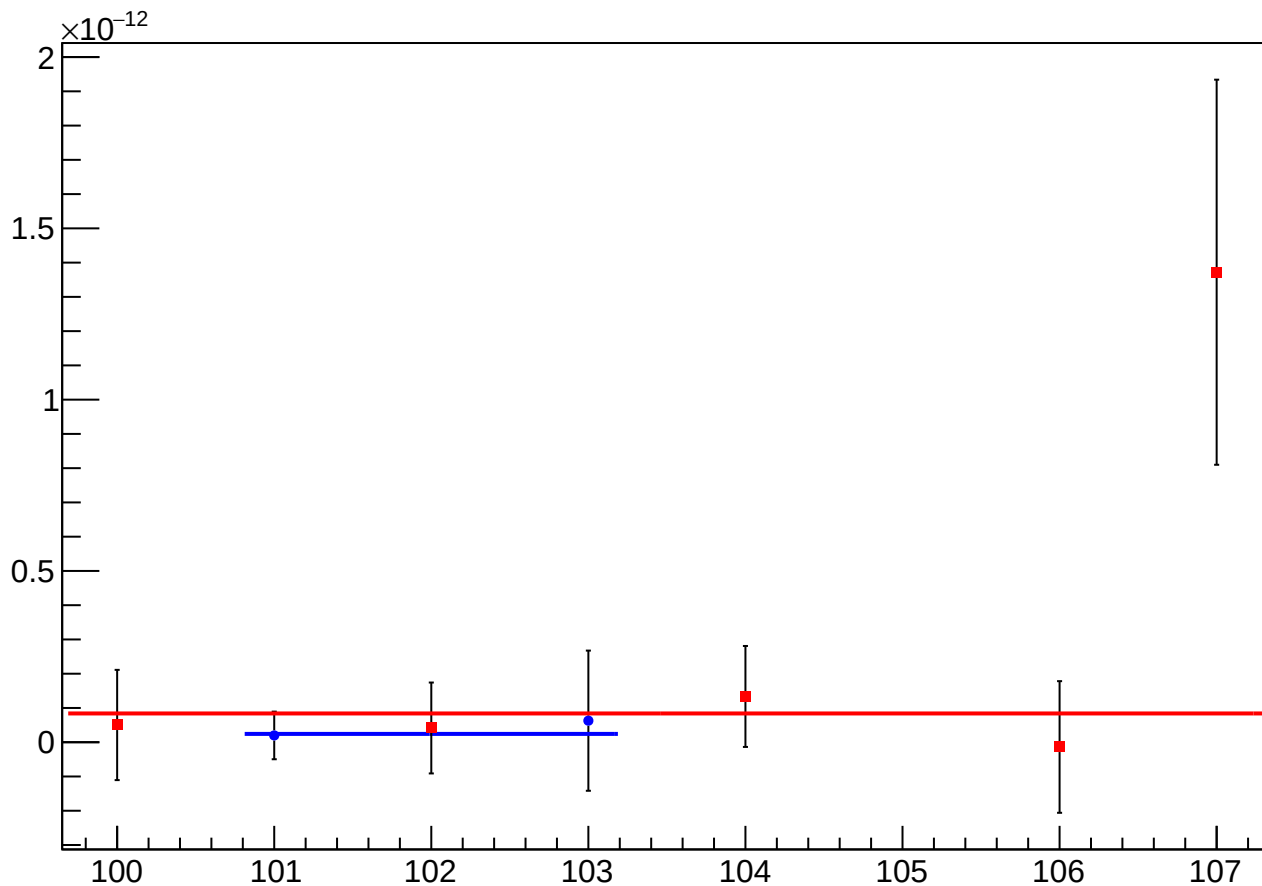
Right: 3969.277+/-1.677 χ^2/NDF : 365158.4/6

In: 4565.307+/-2.947 χ^2/NDF : 114289.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3969.277+/-1.677 χ^2/NDF : 365158.4/6

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/1

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

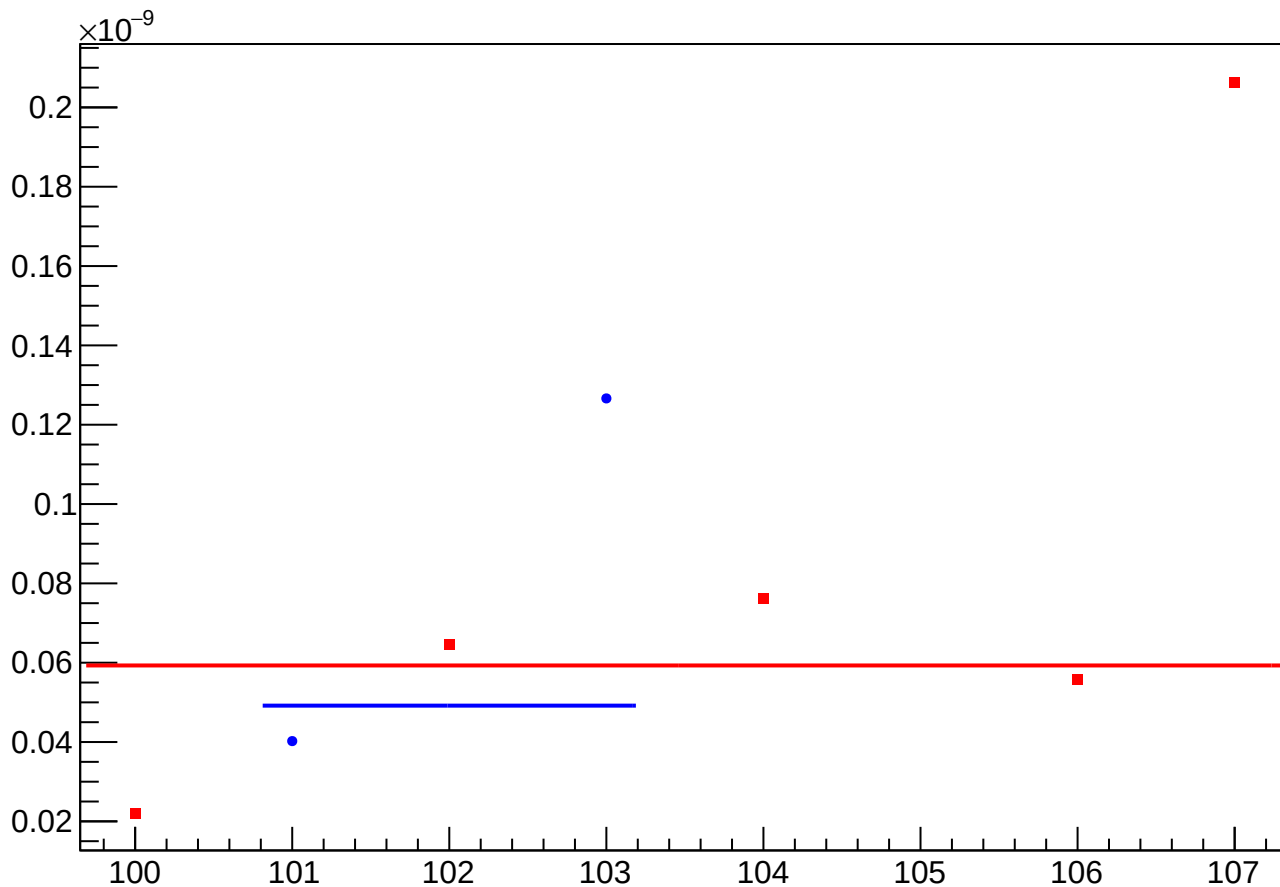
Right: 0.000+/-0.000 χ^2/NDF : 6.2/6

In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.2/6

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 319749.7/1

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

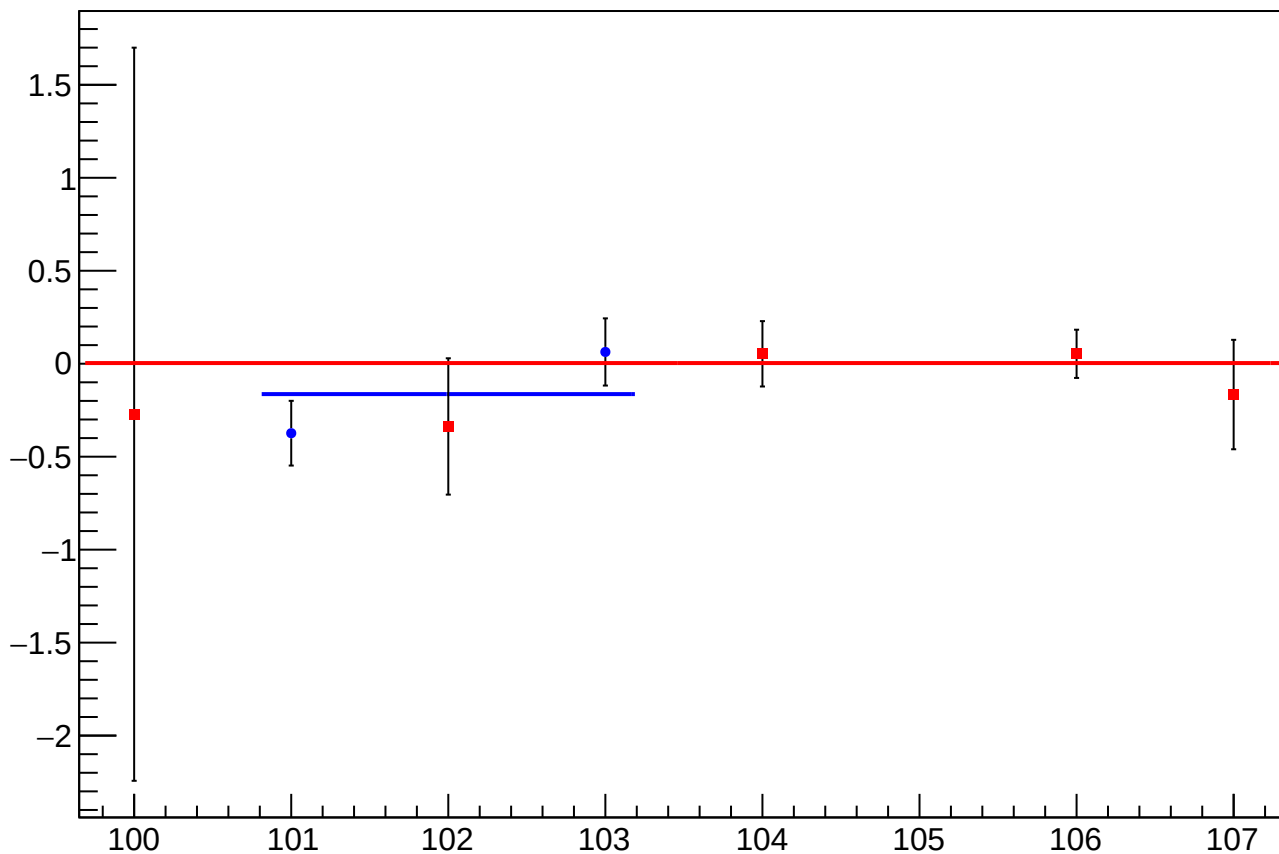
Right: 0.000+/-0.000 χ^2/NDF : 613845.4/6

In: 0.000+/-0.000 χ^2/NDF : 319749.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 613845.4/6

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.163 $\pm$ 0.125 χ^2 /NDF: 3.0/1

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

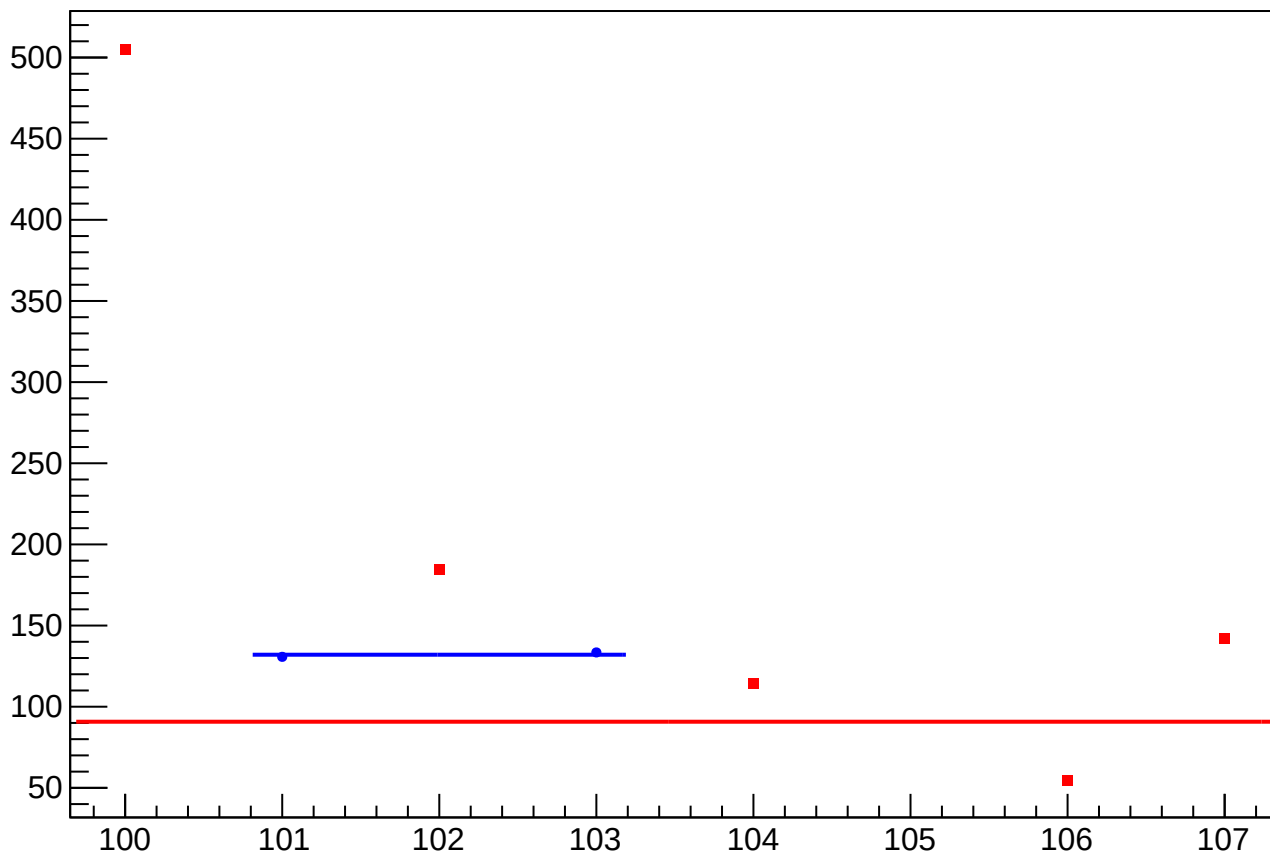
Right: -0.057 $\pm$ 0.076 χ^2 /NDF: 5.6/6

In: -0.163 $\pm$ 0.125 χ^2 /NDF: 3.0/1

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

All: -0.057 $\pm$ 0.076 χ^2 /NDF: 5.6/6

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.034 $\pm$ 0.089 χ^2 /NDF: 233.6/1

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

Right Out: 90.748 $\pm$ 0.067 χ^2 /NDF: 472291.5/4

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

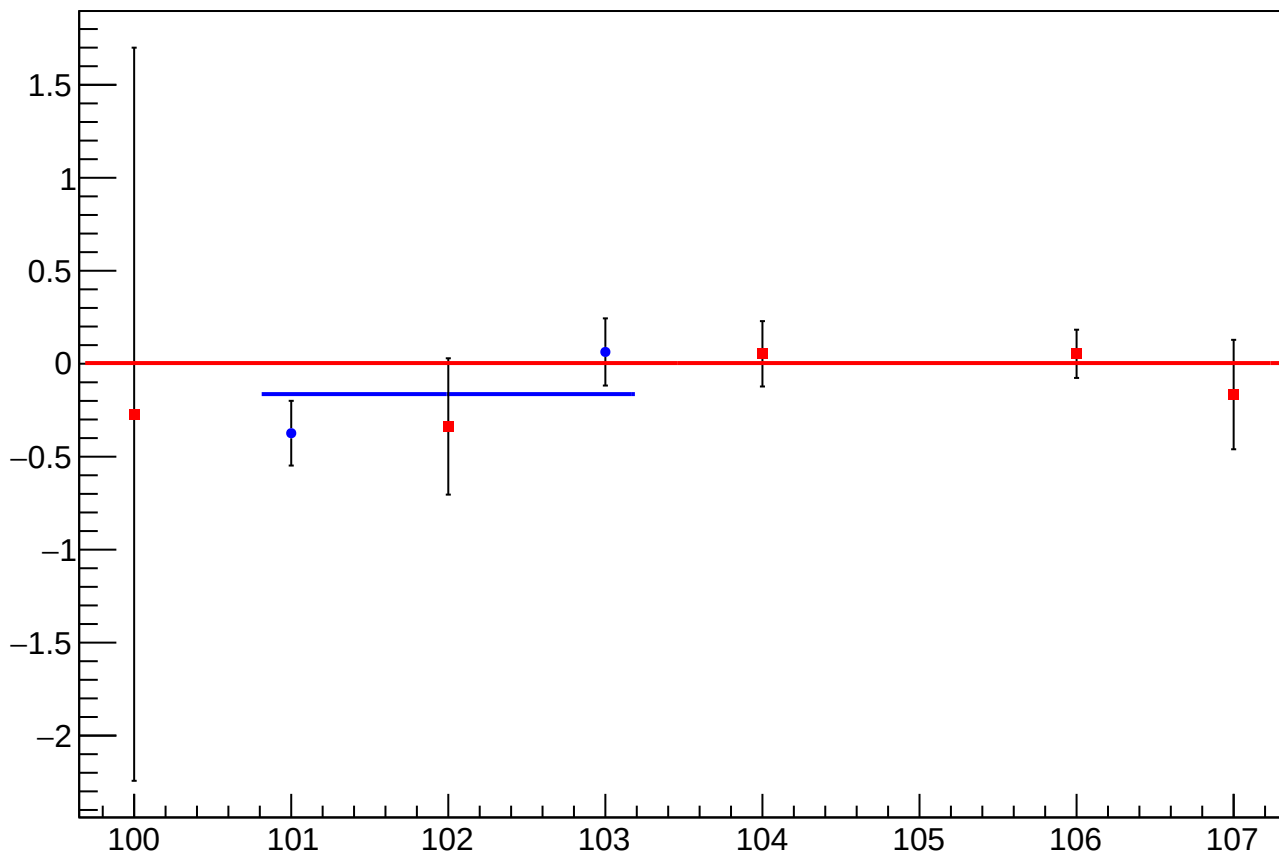
Right: 105.792 $\pm$ 0.053 χ^2 /NDF: 610469.9/6

In: 132.034 $\pm$ 0.089 χ^2 /NDF: 233.6/1

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

All: 105.792 $\pm$ 0.053 χ^2 /NDF: 610469.9/6

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.163 $\pm$ 0.125 χ^2 /NDF: 3.0/1

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

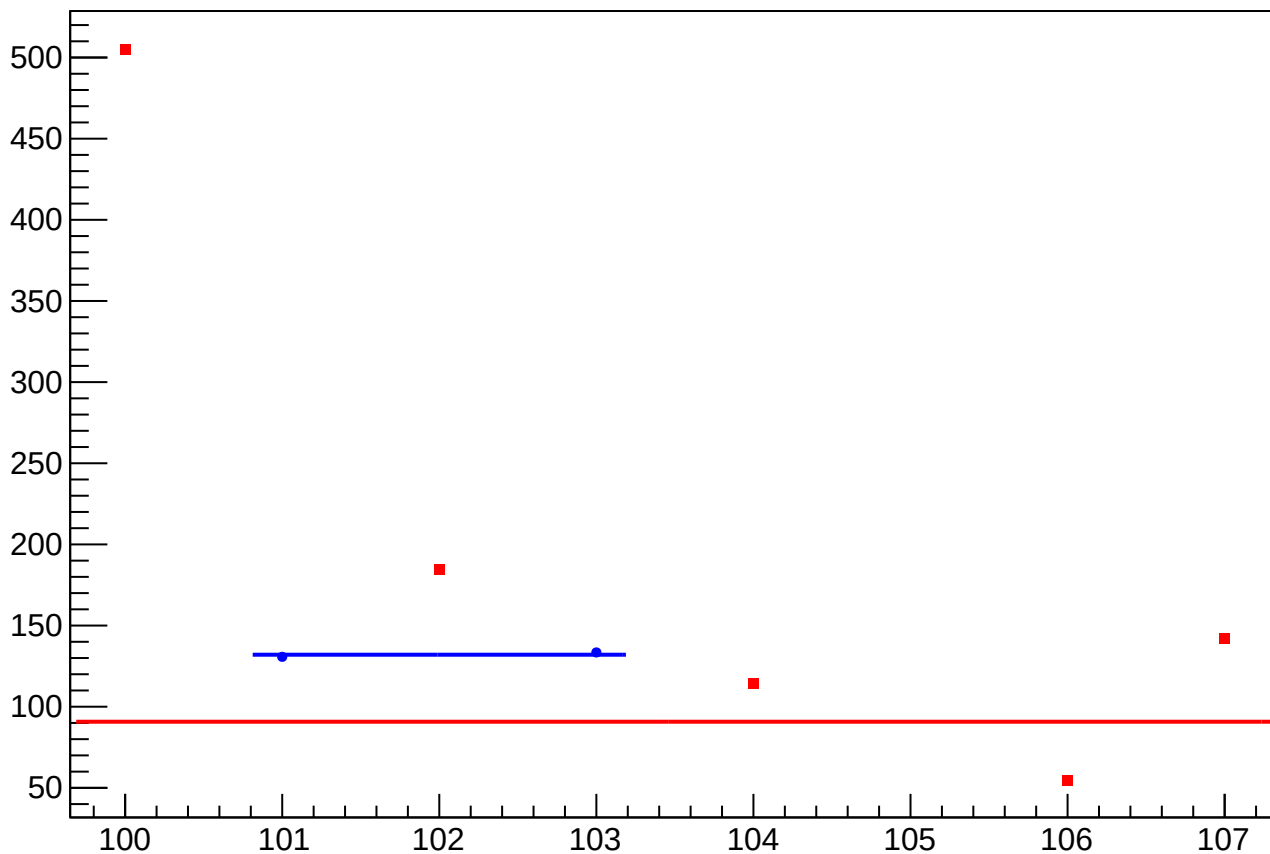
Right: -0.057 $\pm$ 0.076 χ^2 /NDF: 5.6/6

In: -0.163 $\pm$ 0.125 χ^2 /NDF: 3.0/1

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

All: -0.057 $\pm$ 0.076 χ^2 /NDF: 5.6/6

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.034+/-0.089 χ^2/NDF : 233.6/1

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

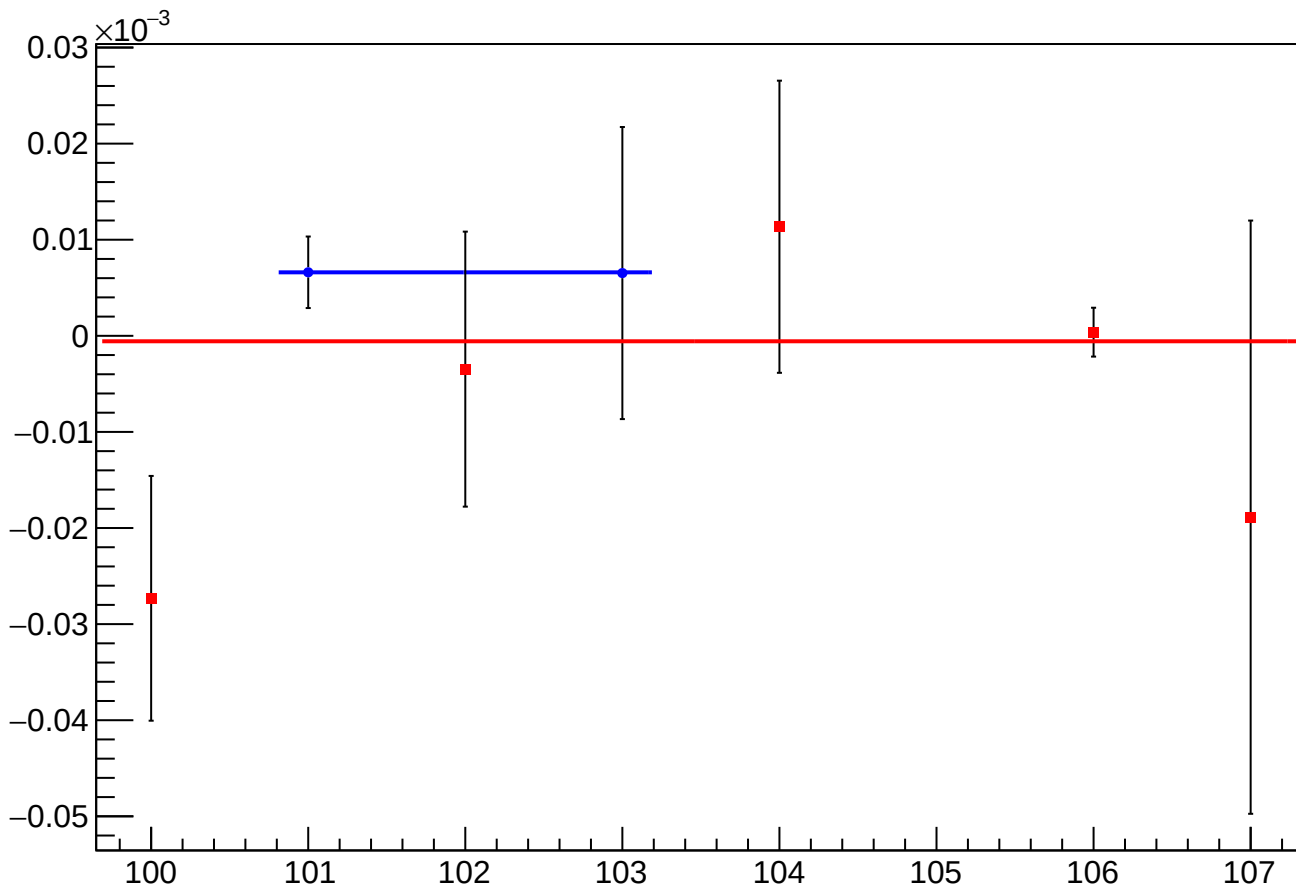
Right: 105.792+/-0.053 χ^2/NDF : 610469.9/6

In: 132.034+/-0.089 χ^2/NDF : 233.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.792+/-0.053 χ^2/NDF : 610469.9/6

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 : 0.0/1

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

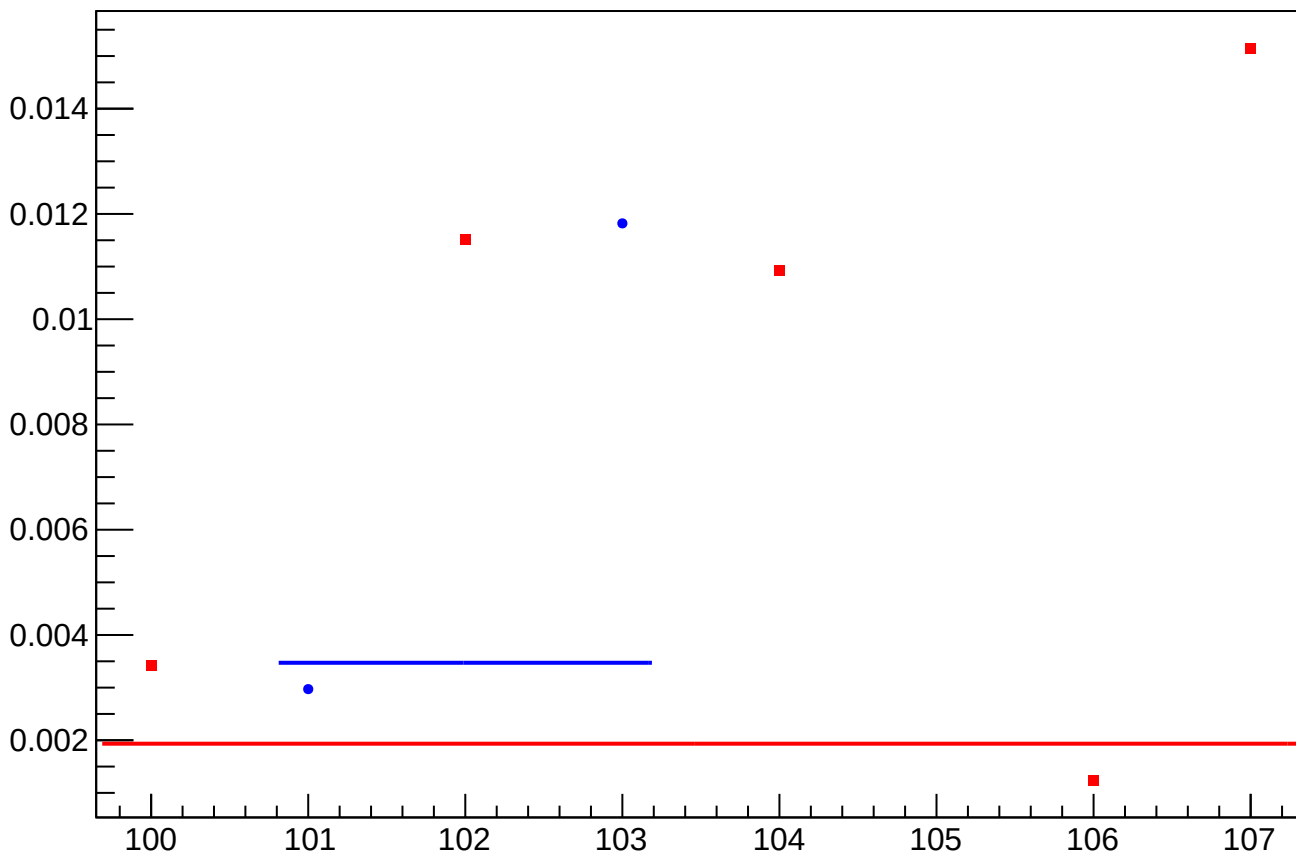
Right: 0.000+/-0.000 χ^2/NDF : 8.3/6

In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.3/6

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 639800.4/1

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

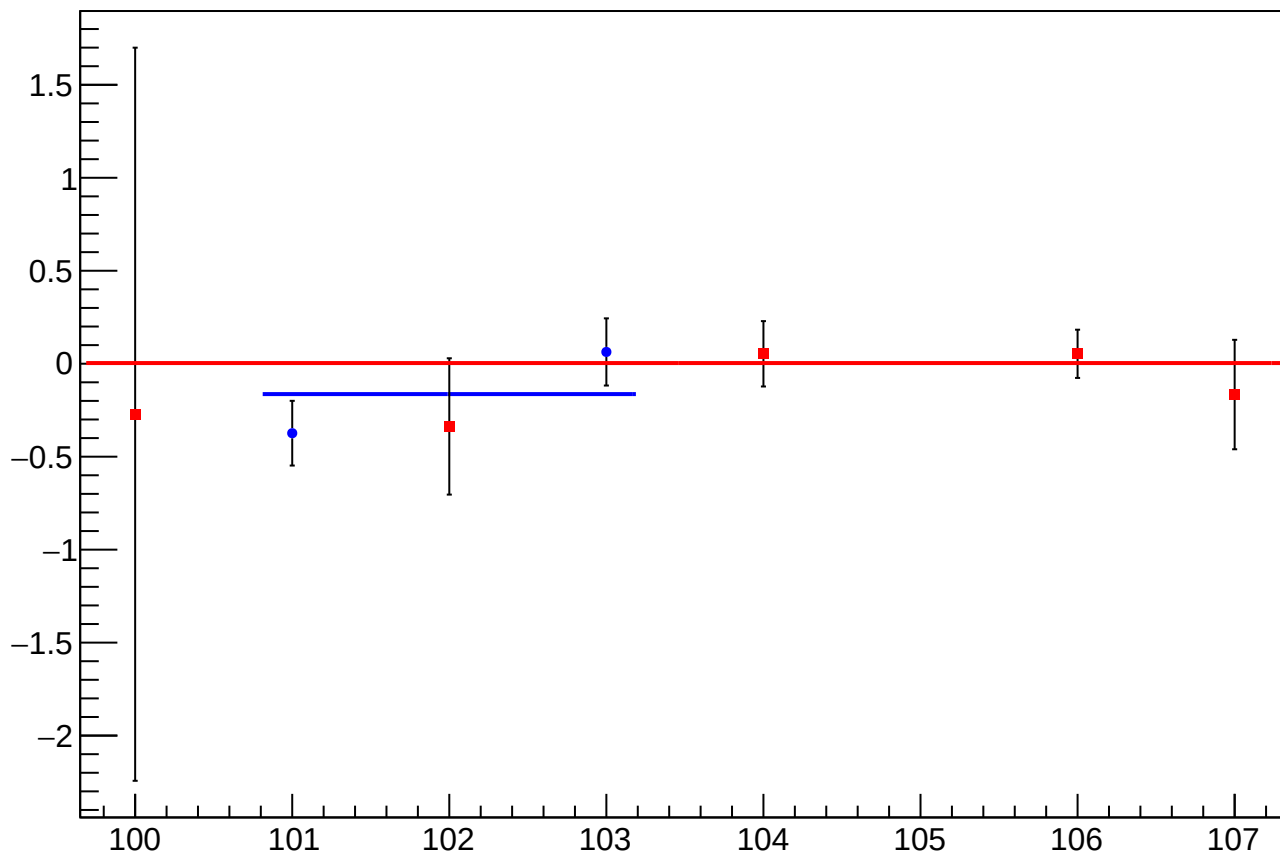
Right: 0.002+/-0.000 χ^2/NDF : 3033278.2/6

In: 0.003+/-0.000 χ^2/NDF : 639800.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3033278.2/6

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.163 $\pm$ 0.125 χ^2 /NDF: 3.0/1

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

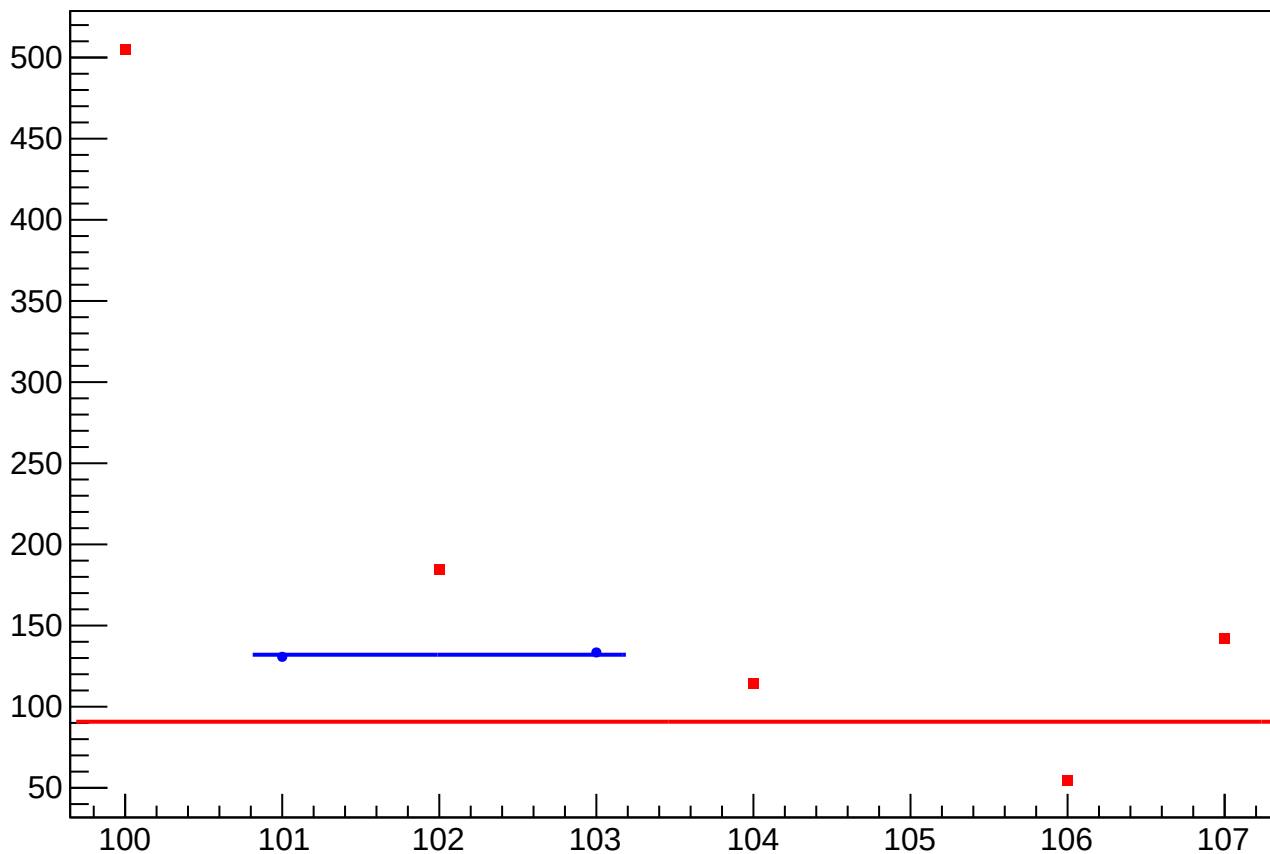
Right: -0.057 $\pm$ 0.076 χ^2 /NDF: 5.6/6

In: -0.163 $\pm$ 0.125 χ^2 /NDF: 3.0/1

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

All: -0.057 $\pm$ 0.076 χ^2 /NDF: 5.6/6

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.029+/-0.089 χ^2/NDF : 231.7/1

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

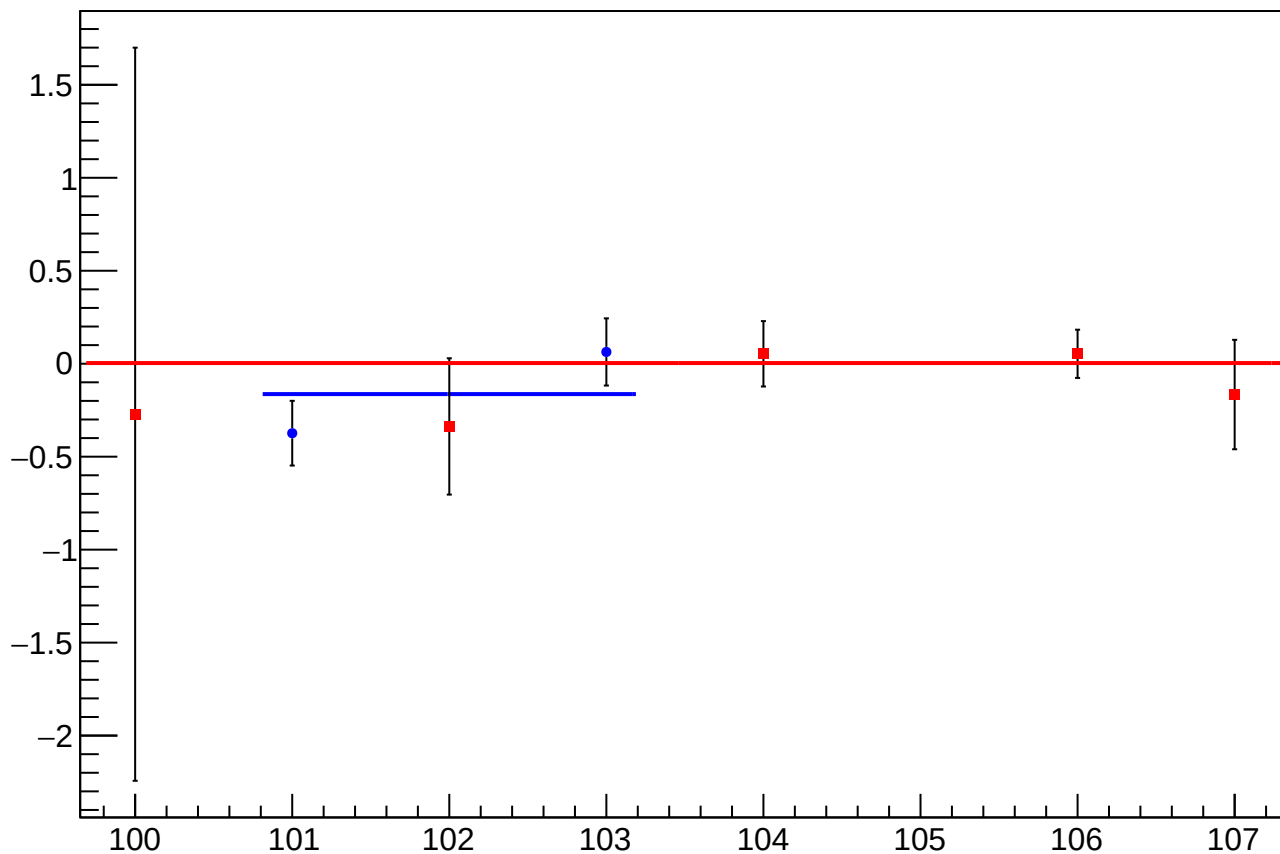
Right: 105.788+/-0.053 χ^2/NDF : 610447.8/6

In: 132.029+/-0.089 χ^2/NDF : 231.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.788+/-0.053 χ^2/NDF : 610447.8/6

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.163 $\pm$ 0.125 χ^2 /NDF: 3.0/1

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

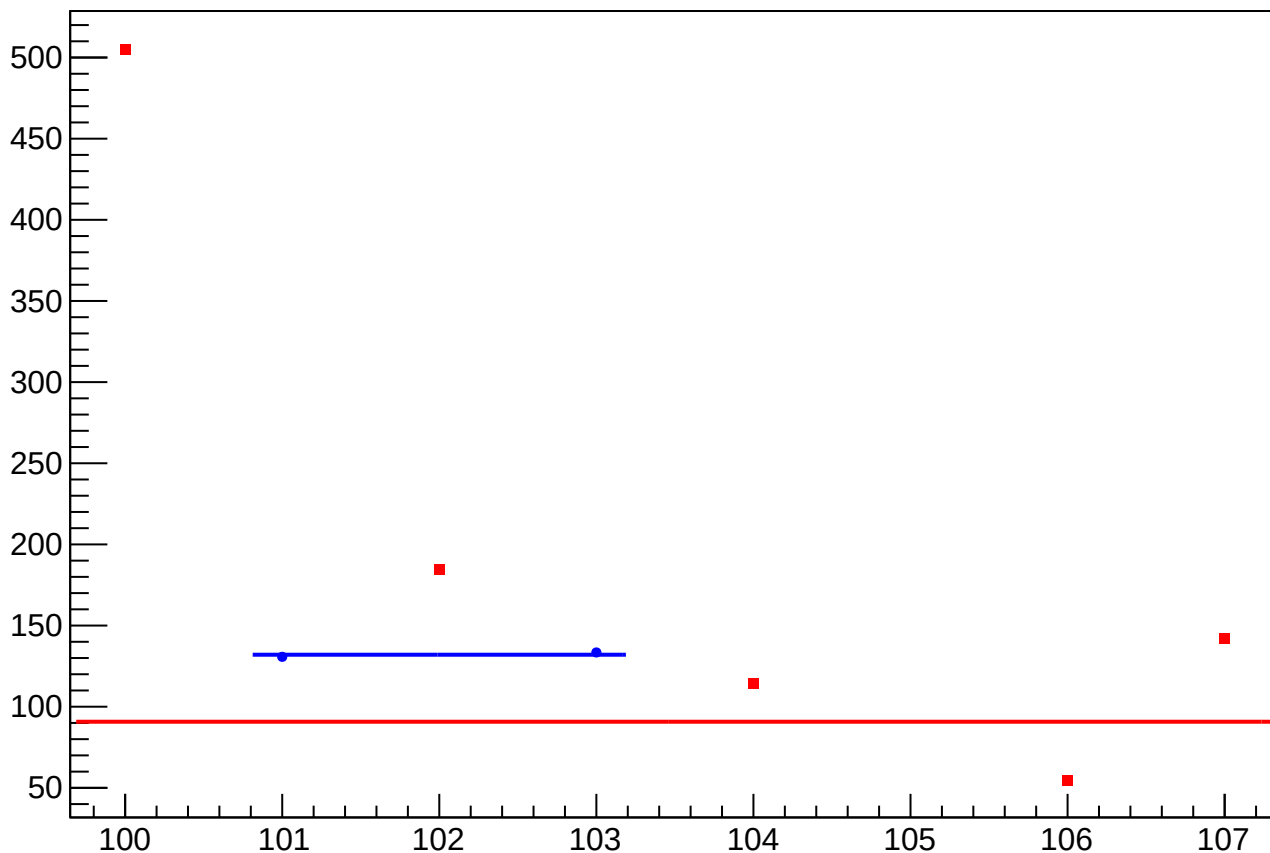
Right: -0.057 $\pm$ 0.076 χ^2 /NDF: 5.6/6

In: -0.163 $\pm$ 0.125 χ^2 /NDF: 3.0/1

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

All: -0.057 $\pm$ 0.076 χ^2 /NDF: 5.6/6

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.029+/-0.089 χ^2/NDF : 231.7/1

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

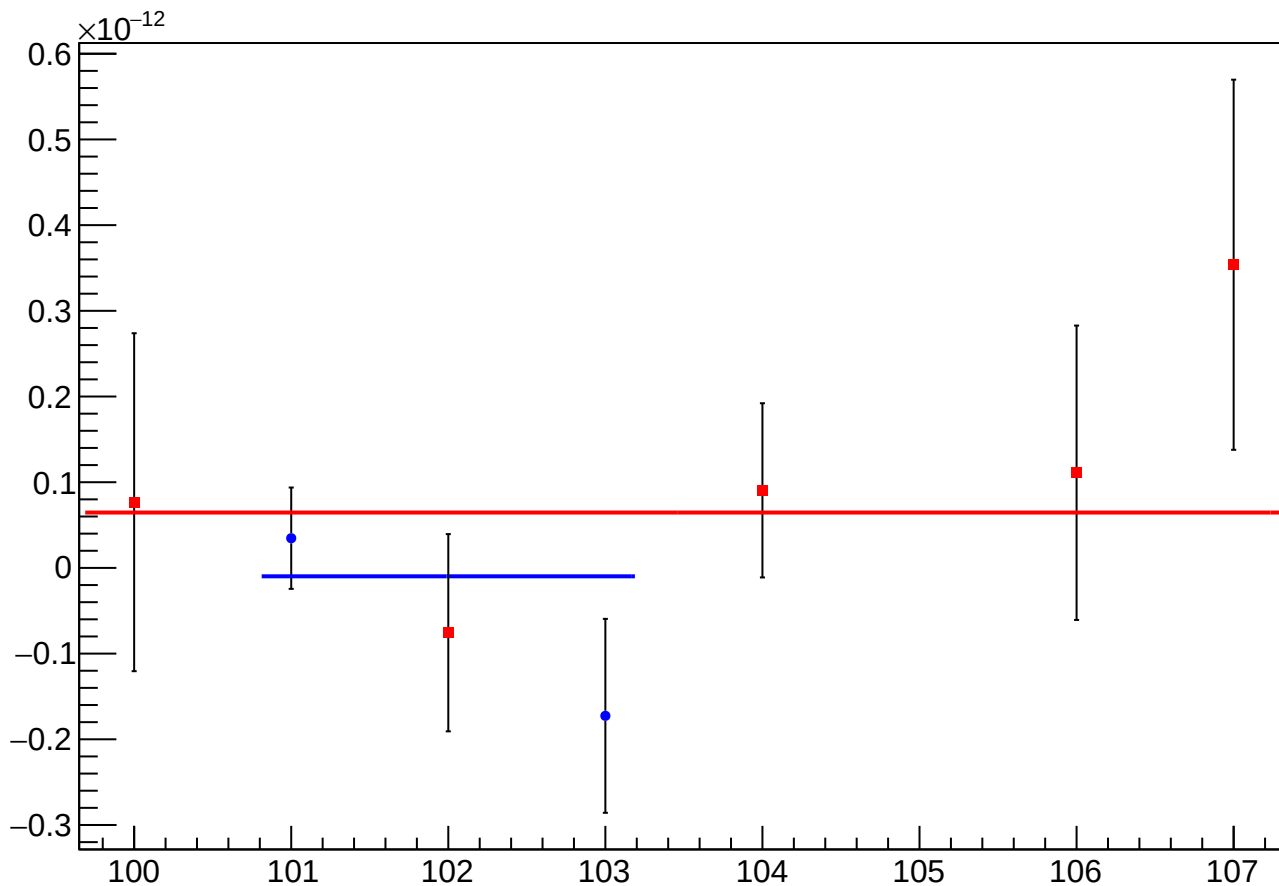
Right: 105.788+/-0.053 χ^2/NDF : 610447.8/6

In: 132.029+/-0.089 χ^2/NDF : 231.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.788+/-0.053 χ^2/NDF : 610447.8/6

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 : 2.6/1

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

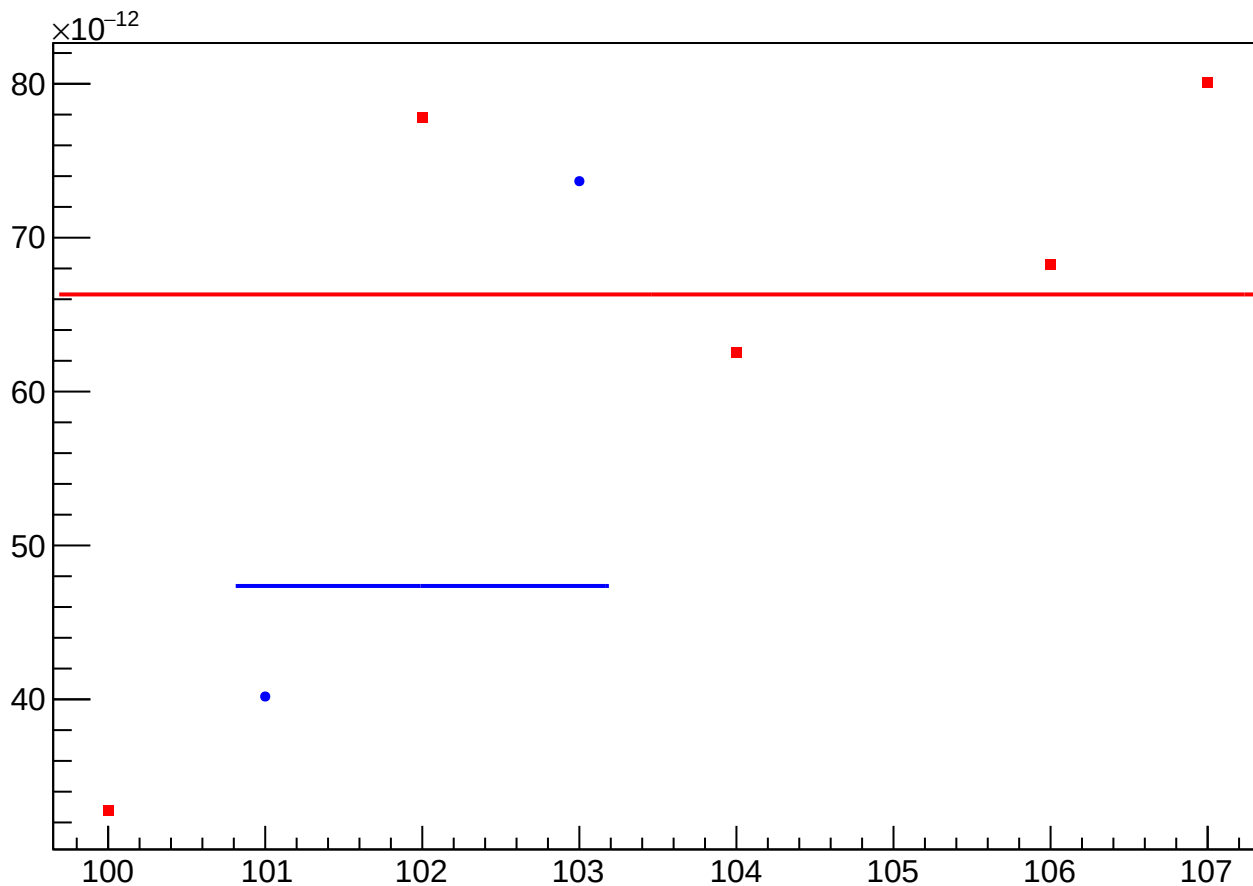
Right: 0.000+/-0.000 χ^2/NDF : 6.9/6

In: -0.000+/-0.000 χ^2/NDF : 2.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.9/6

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 : 137612.3/1

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

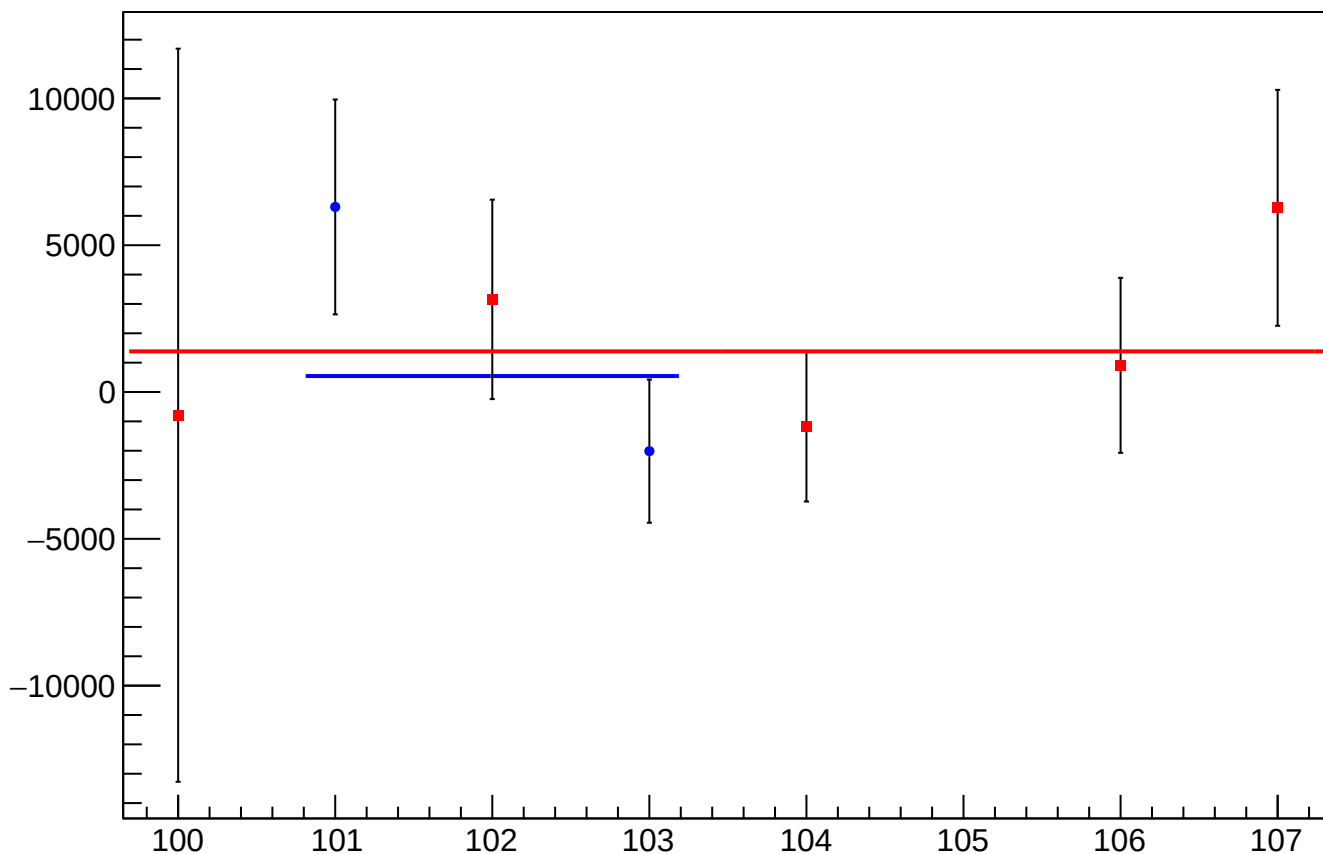
Right: 0.000+/-0.000 χ^2/NDF : 333870.2/6

In: 0.000+/-0.000 χ^2/NDF : 137612.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 333870.2/6

reg_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: 543.992 $\pm$ 2029.258 χ^2 /NDF: 3.6/1

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

Right Out: 1383.865 $\pm$ 1542.858 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

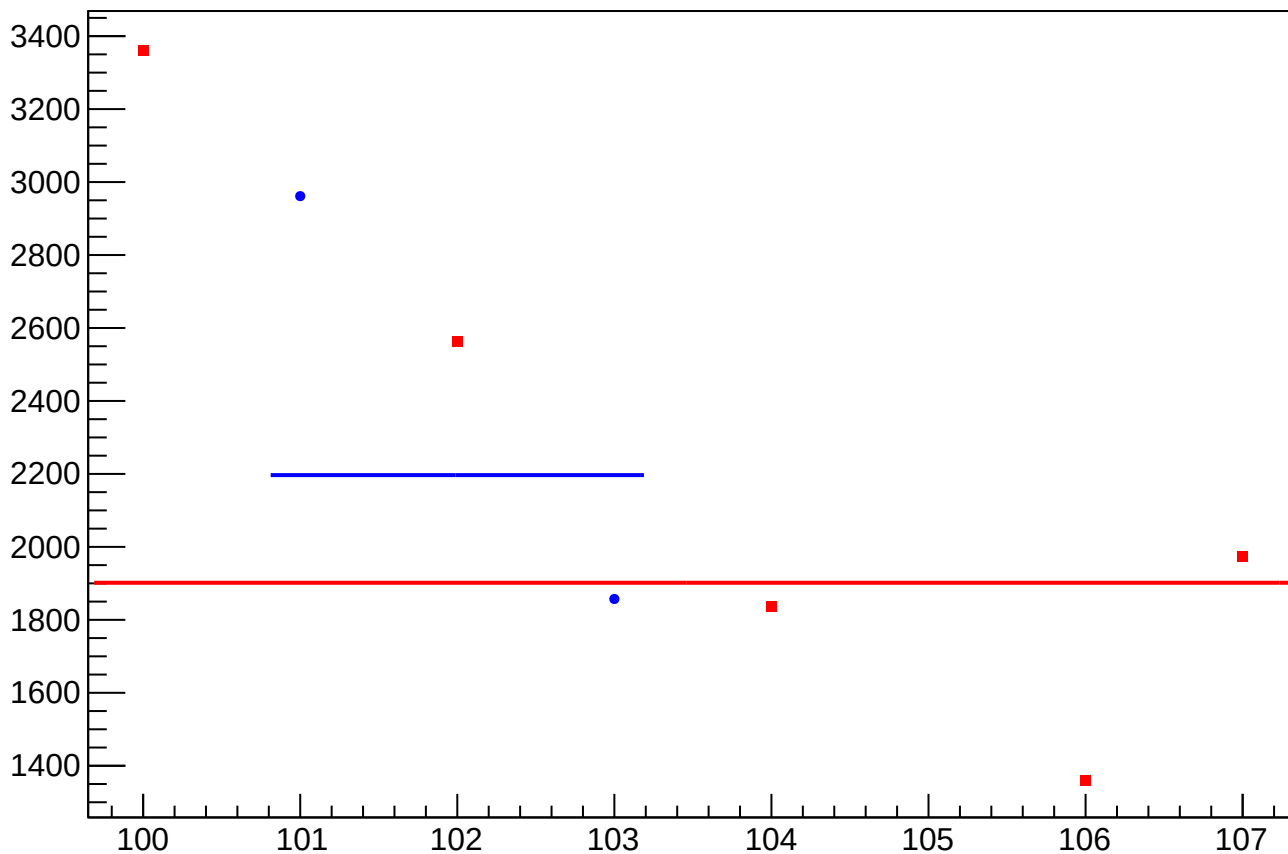
Right: 1076.209 $\pm$ 1228.184 χ^2 /NDF: 6.5/6

In: 543.992 $\pm$ 2029.258 χ^2 /NDF:3.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1076.209 $\pm$ 1228.184 χ^2 /NDF: 6.5/6

reg_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2196.750+/-1.435 χ^2/NDF : 126125.7/1

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

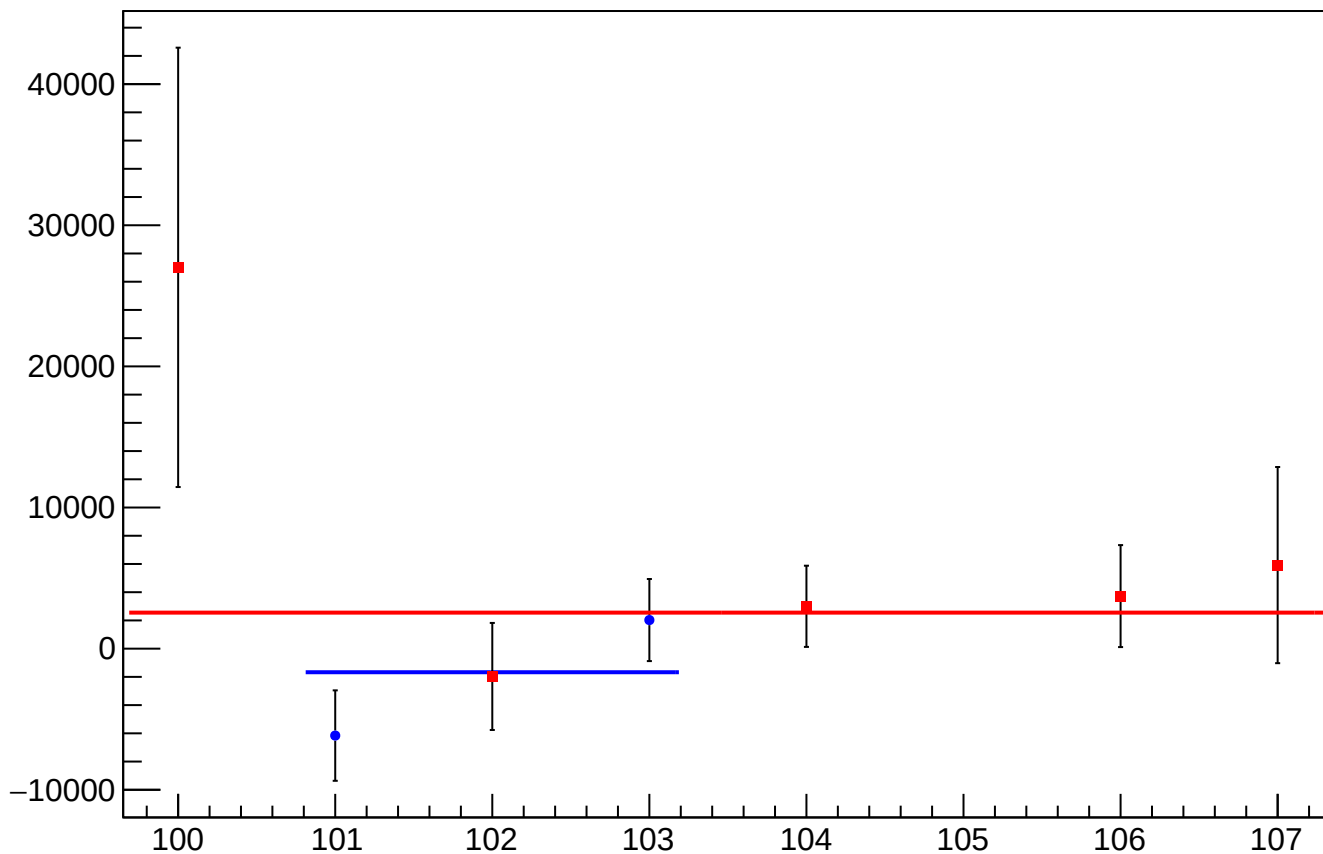
Right: 2009.751+/-0.868 χ^2/NDF : 323595.1/6

In: 2196.750+/-1.435 χ^2/NDF : 126125.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2009.751+/-0.868 χ^2/NDF : 323595.1/6

asym_us_dd_at2lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1670.681+/-2153.274 χ^2 /NDF: 3.6/1

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

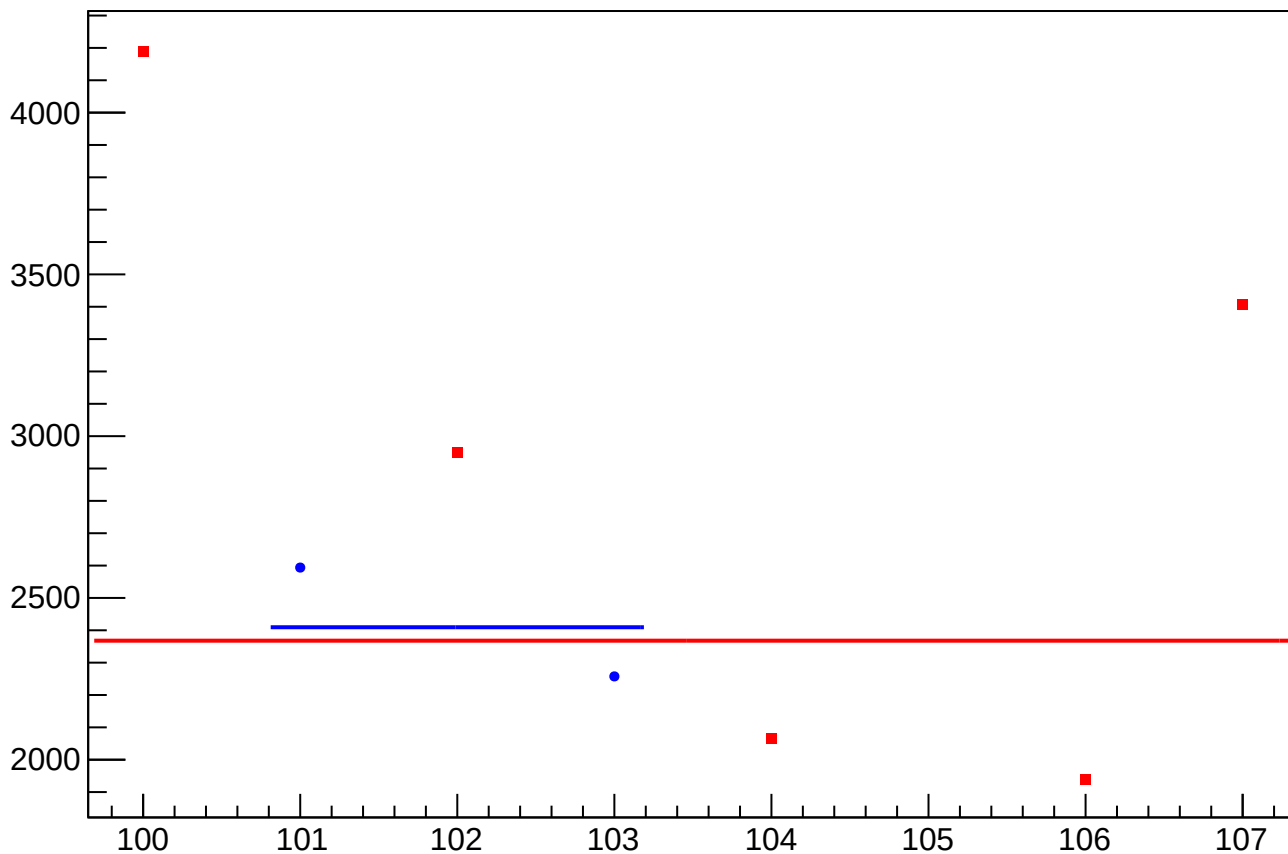
Right: 758.112+/-1403.752 χ^2 /NDF: 10.0/6

In: -1670.681+/-2153.274 χ^2 /NDF:3.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 758.112+/-1403.752 χ^2 /NDF: 10.0/6

asym_us_dd_at2lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2409.417+/-1.523 χ^2/NDF : 12086.5/1

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

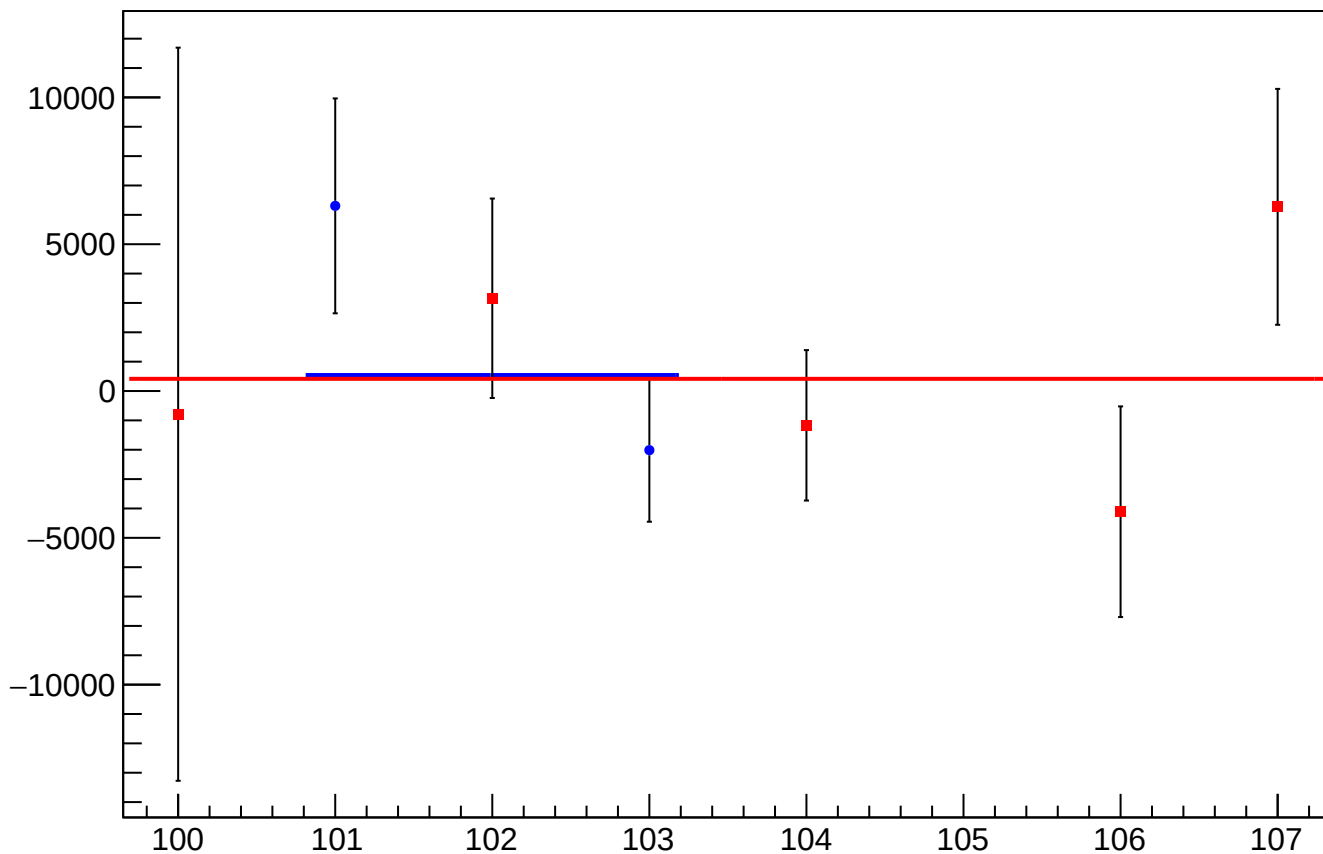
Right: 2385.546+/-0.993 χ^2/NDF : 182411.9/6

In: 2409.417+/-1.523 χ^2/NDF : 12086.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2385.546+/-0.993 χ^2/NDF : 182411.9/6

cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: 544.958 $\pm$ 2029.259 χ^2 /NDF: 3.6/1

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

Right Out: 415.132 $\pm$ 1611.243 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

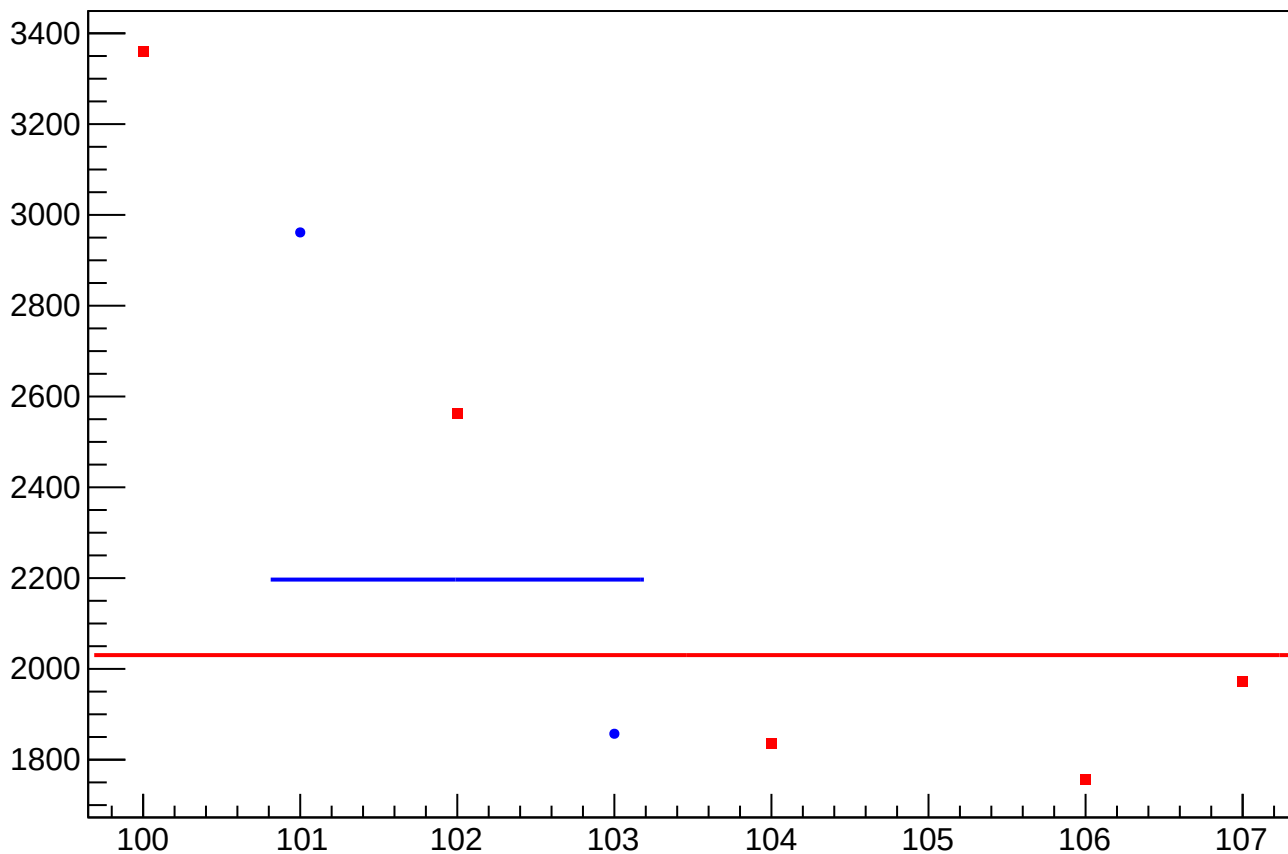
Right: 465.332 $\pm$ 1261.851 χ^2 /NDF: 8.3/6

In: 544.958 $\pm$ 2029.259 χ^2 /NDF:3.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 465.332 $\pm$ 1261.851 χ^2 /NDF: 8.3/6

cor_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2196.749+/-1.435 χ^2/NDF : 126126.1/1

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

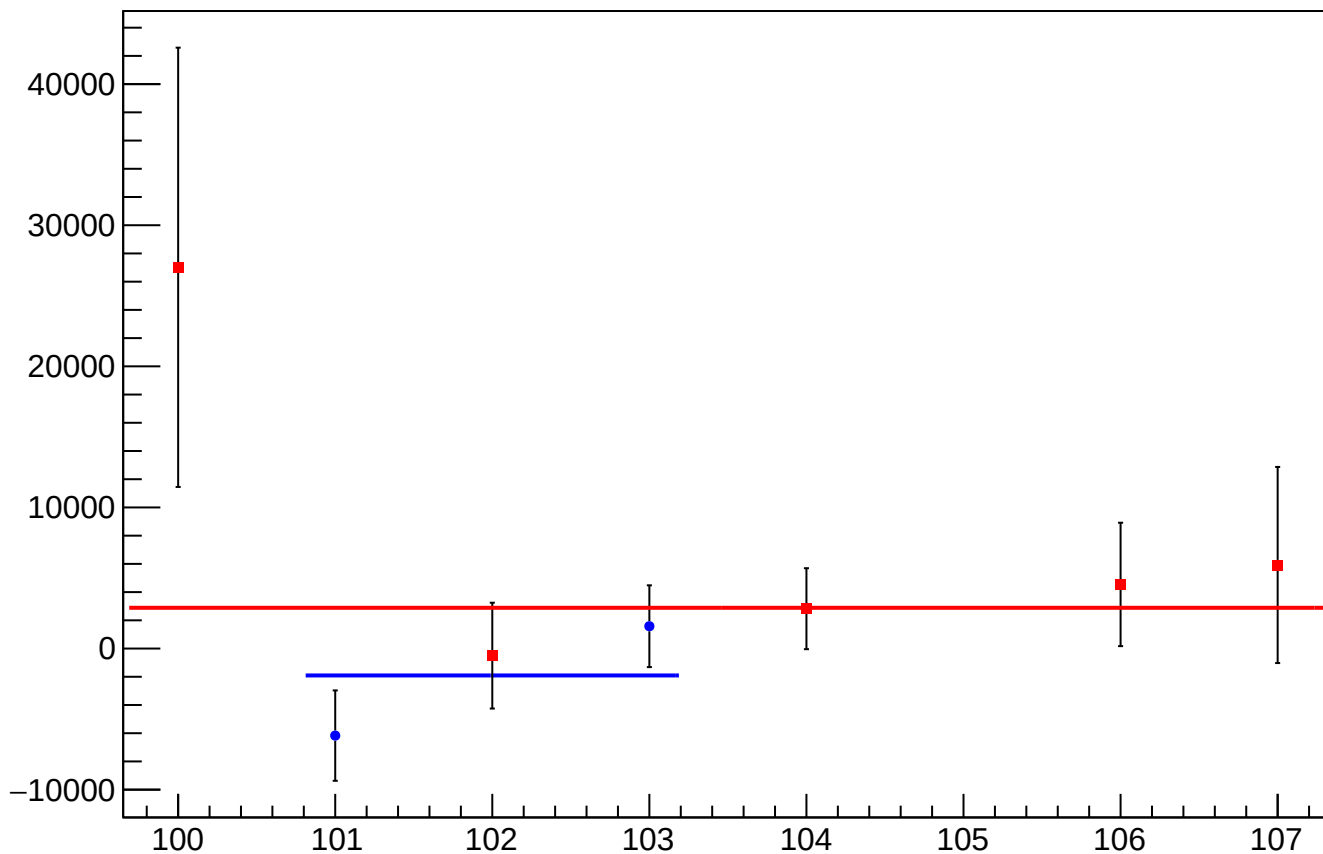
Right: 2094.709+/-0.892 χ^2/NDF : 229703.4/6

In: 2196.749+/-1.435 χ^2/NDF : 126126.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2094.709+/-0.892 χ^2/NDF : 229703.4/6

asym_us_dd_at2lr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1906.728+/-2148.696 χ^2/NDF : 3.2/1

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

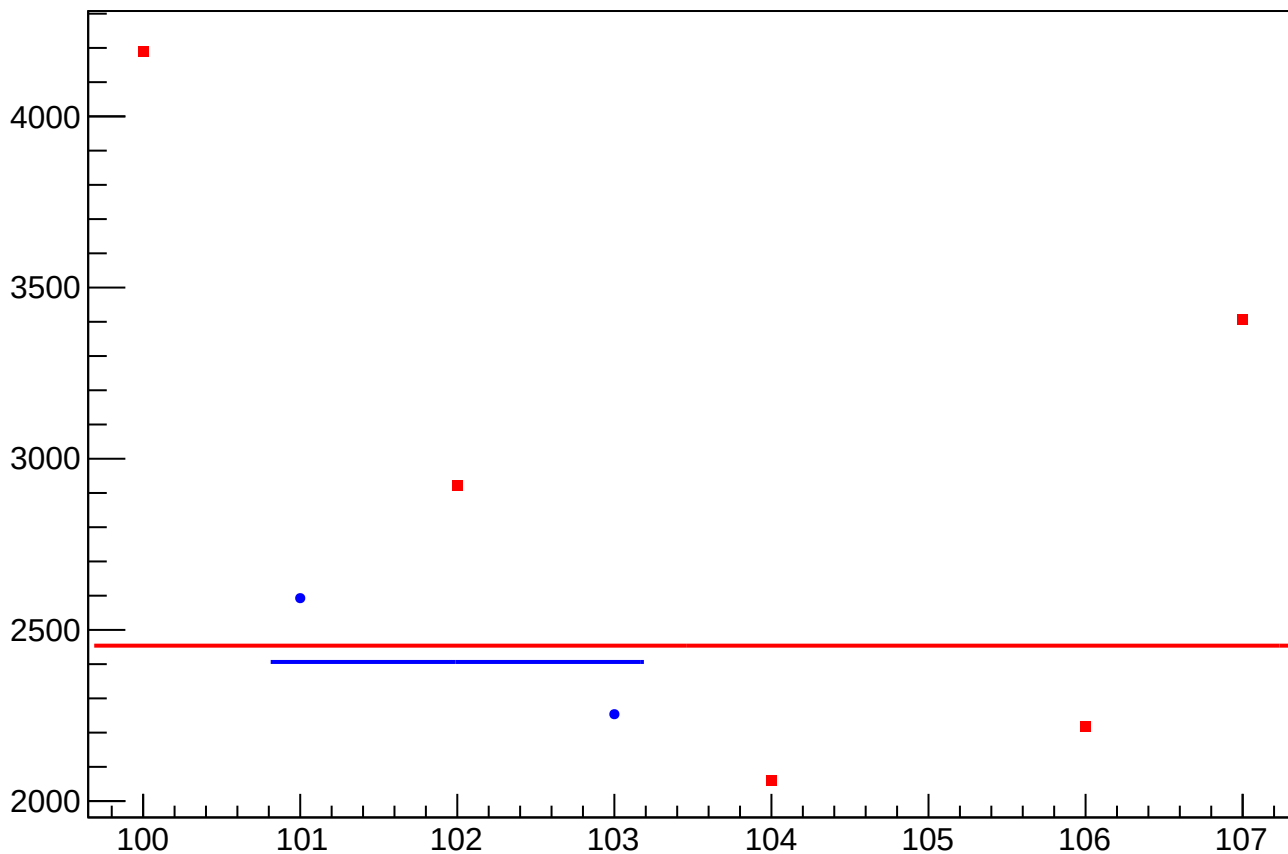
Right: 752.652+/-1434.063 χ^2/NDF : 9.5/6

In: -1906.728+/-2148.696 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 752.652+/-1434.063 χ^2/NDF : 9.5/6

asym_us_dd_at2lr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2406.400+/-1.519 χ^2/NDF : 12319.8/1

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

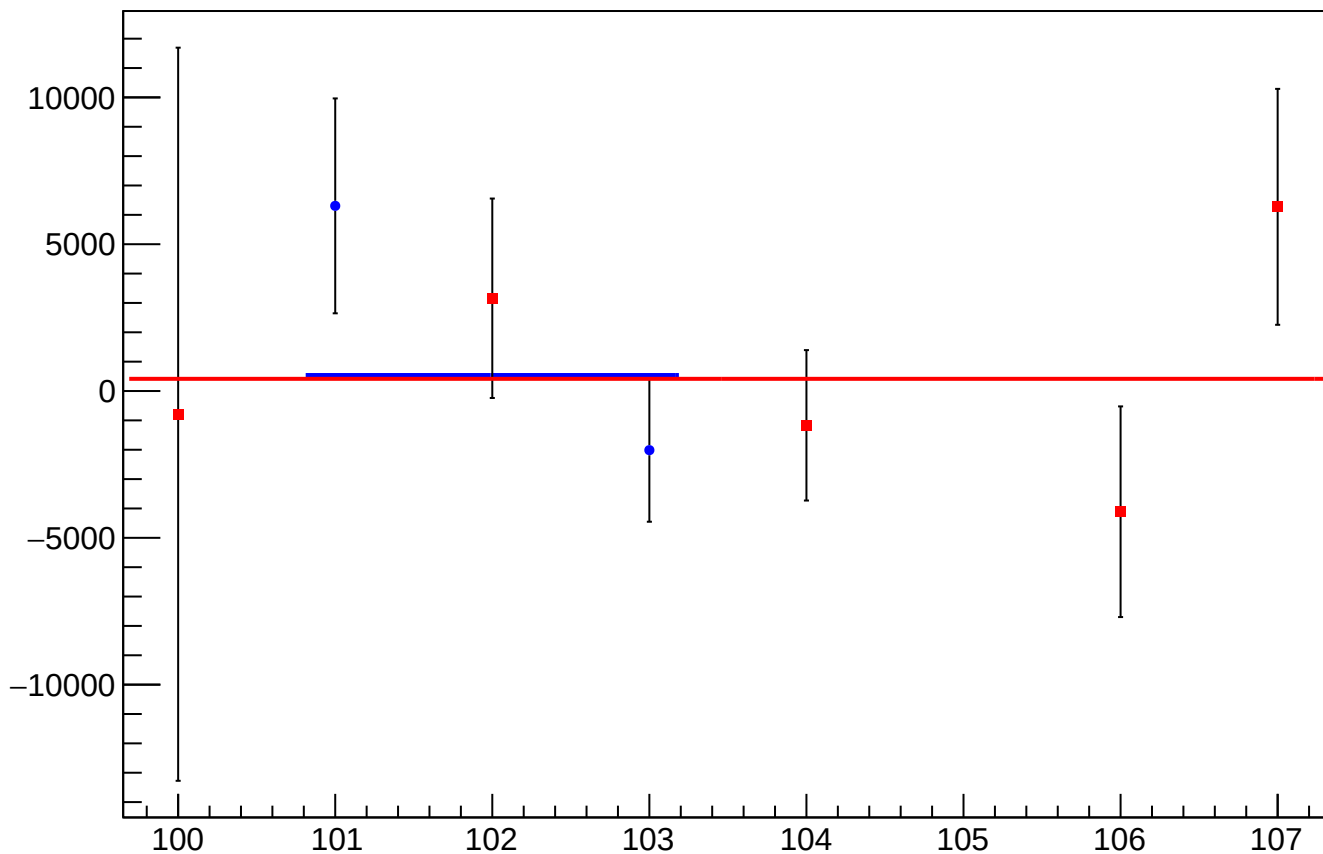
Right: 2432.799+/-1.014 χ^2/NDF : 149759.7/6

In: 2406.400+/-1.519 χ^2/NDF : 12319.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2432.799+/-1.014 χ^2/NDF : 149759.7/6

eigen_cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: 544.958 $\pm$ 2029.259 χ^2 /NDF: 3.6/1

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

Right Out: 415.132 $\pm$ 1611.243 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

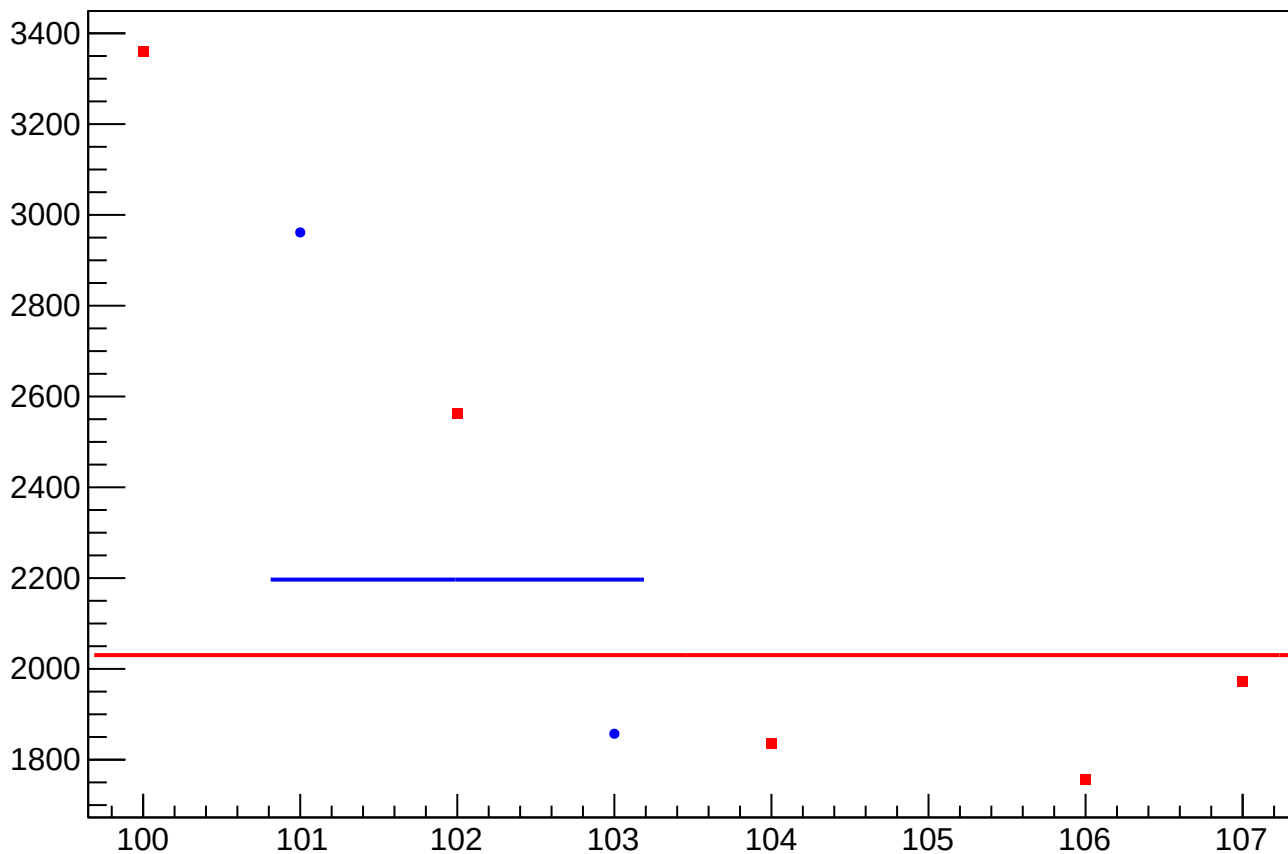
Right: 465.332 $\pm$ 1261.851 χ^2 /NDF: 8.3/6

In: 544.958 $\pm$ 2029.259 χ^2 /NDF:3.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 465.332 $\pm$ 1261.851 χ^2 /NDF: 8.3/6

eigen_cor_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2196.749+/-1.435 χ^2/NDF : 126126.1/1

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

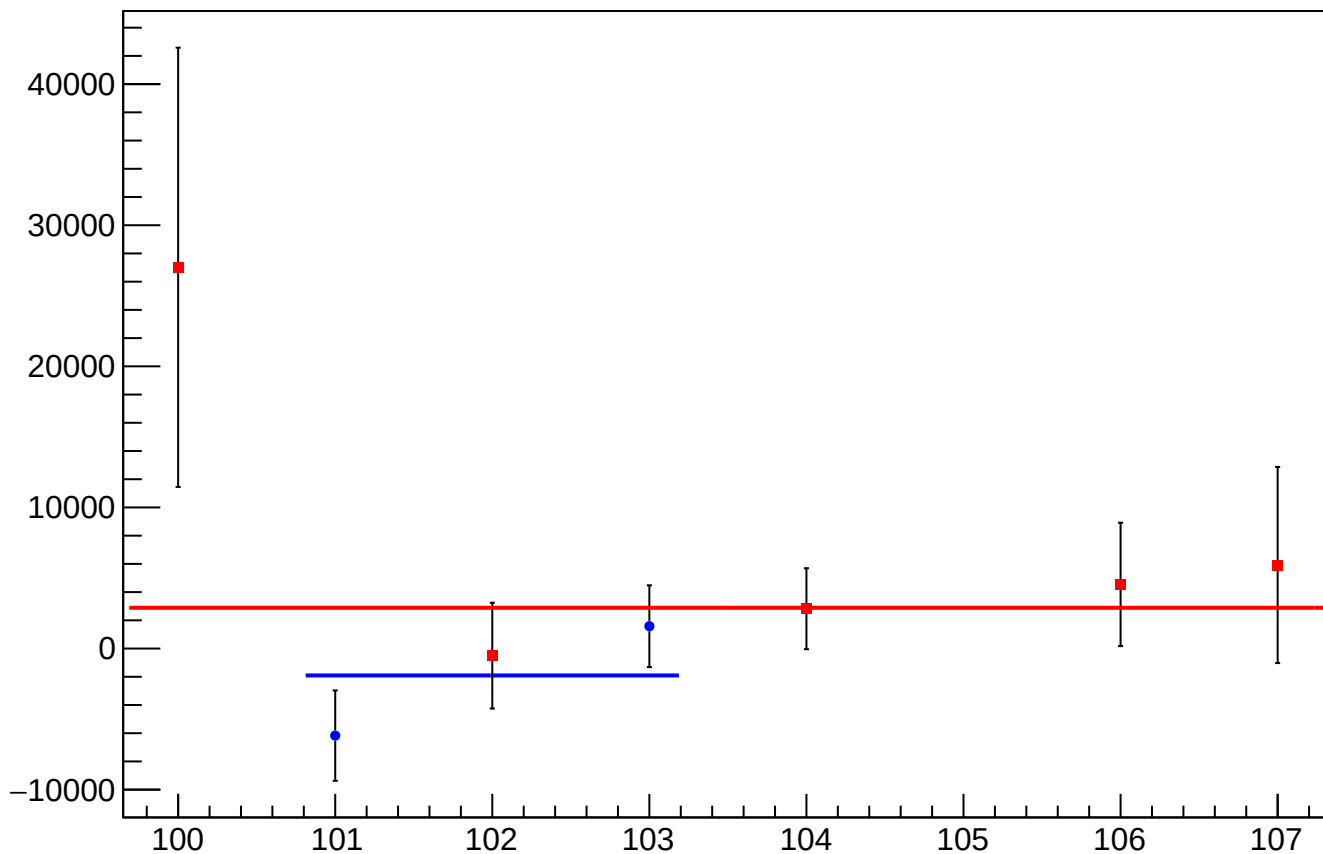
Right: 2094.709+/-0.892 χ^2/NDF : 229703.4/6

In: 2196.749+/-1.435 χ^2/NDF : 126126.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2094.709+/-0.892 χ^2/NDF : 229703.4/6

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1906.728+/-2148.696 χ^2/NDF : 3.2/1

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

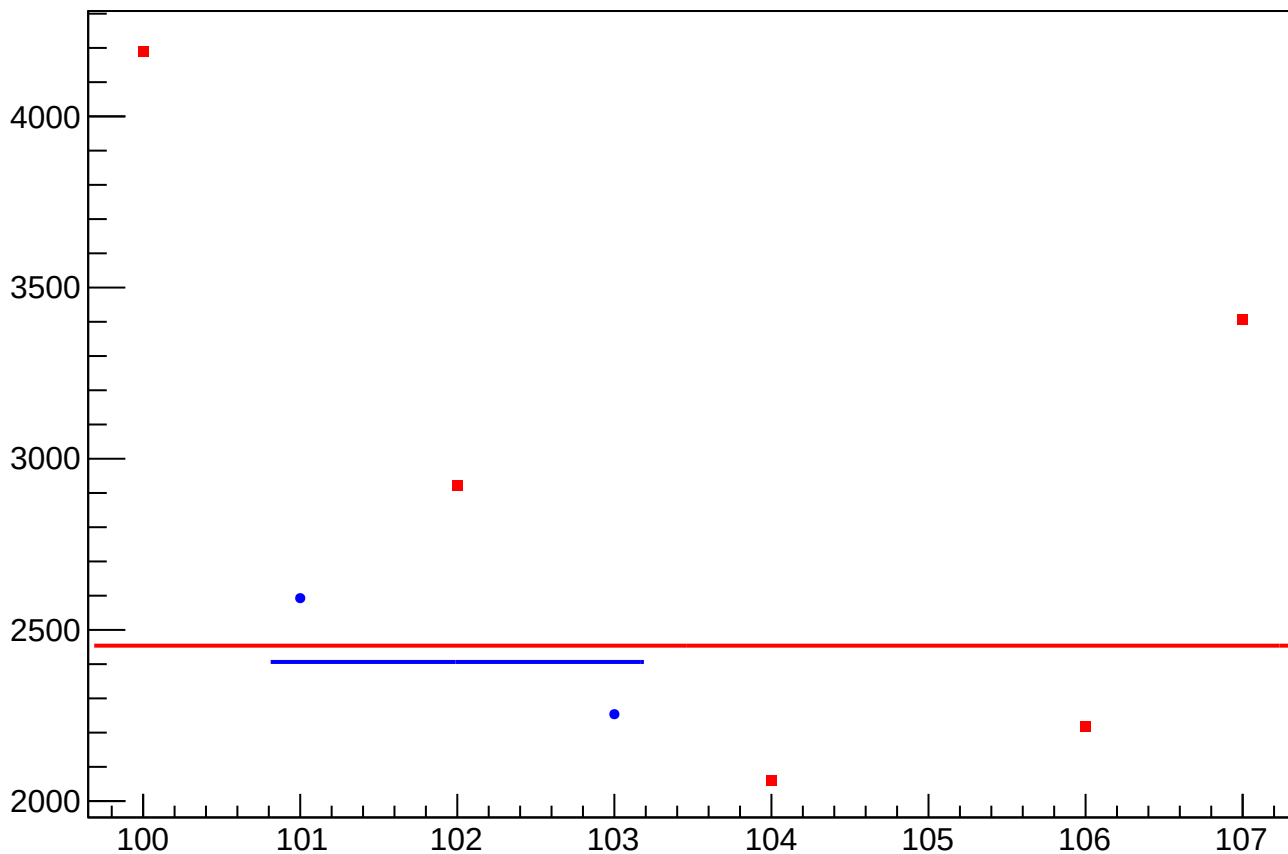
Right: 752.652+/-1434.063 χ^2/NDF : 9.5/6

In: -1906.728+/-2148.696 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 752.652+/-1434.063 χ^2/NDF : 9.5/6

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2406.400+/-1.519 χ^2/NDF : 12319.8/1

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

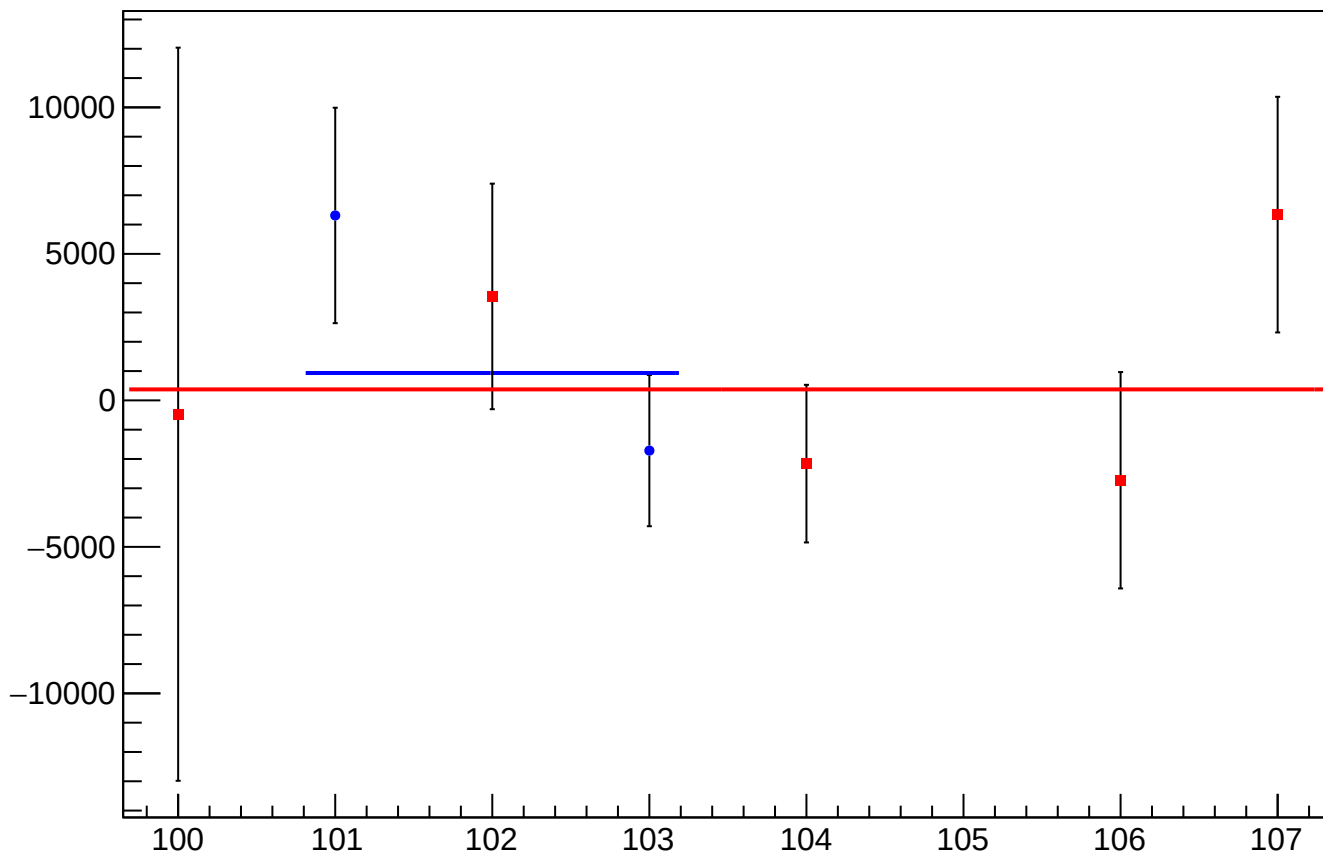
Right: 2432.799+/-1.014 χ^2/NDF : 149759.7/6

In: 2406.400+/-1.519 χ^2/NDF : 12319.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2432.799+/-1.014 χ^2/NDF : 149759.7/6

dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: 934.661 $\pm$ 2112.345 χ^2 /NDF: 3.2/1

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

Right Out: 374.939 $\pm$ 1696.940 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

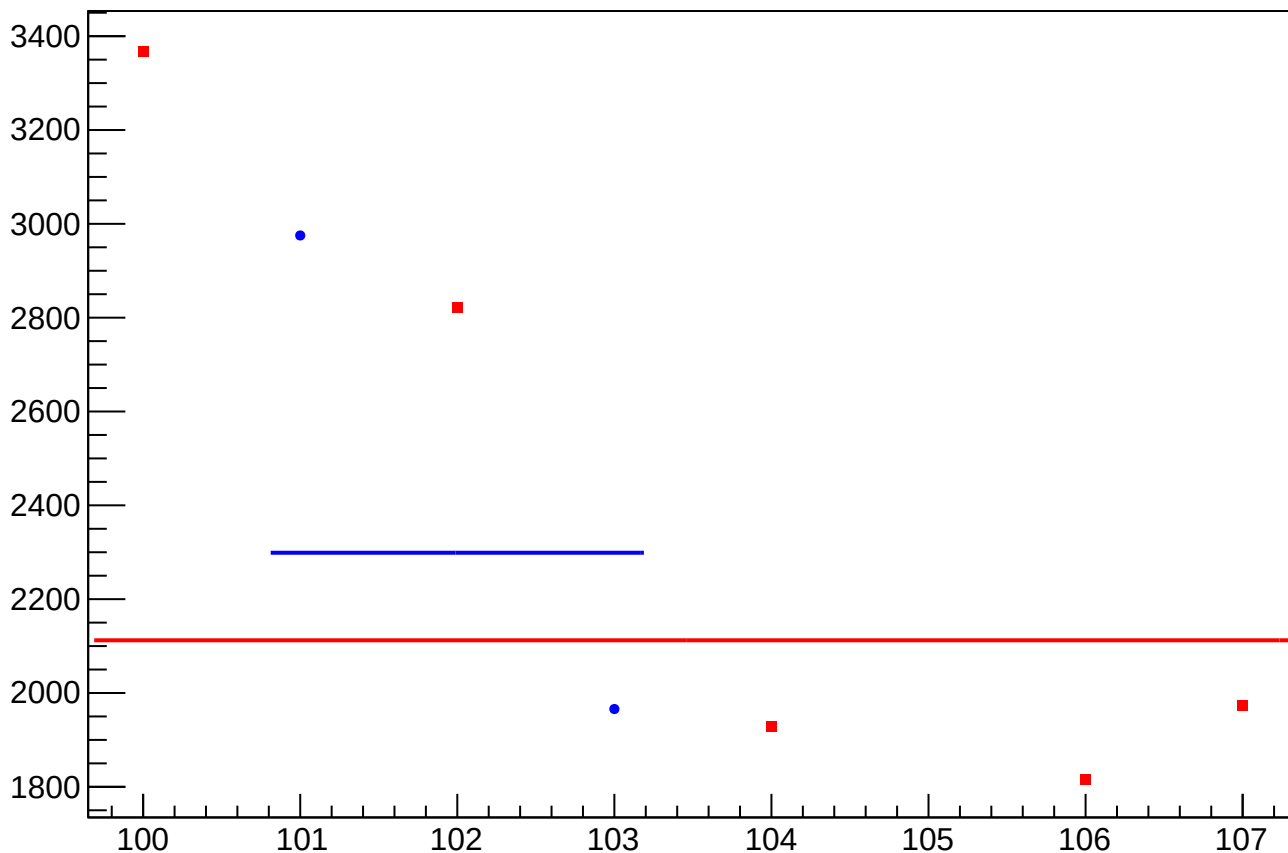
Right: 594.480 $\pm$ 1322.927 χ^2 /NDF: 7.7/6

In: 934.661 $\pm$ 2112.345 χ^2 /NDF: 3.2/1

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

All: 594.480 $\pm$ 1322.927 χ^2 /NDF: 7.7/6

dit_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2298.972+/-1.494 χ^2/NDF : 100987.3/1

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

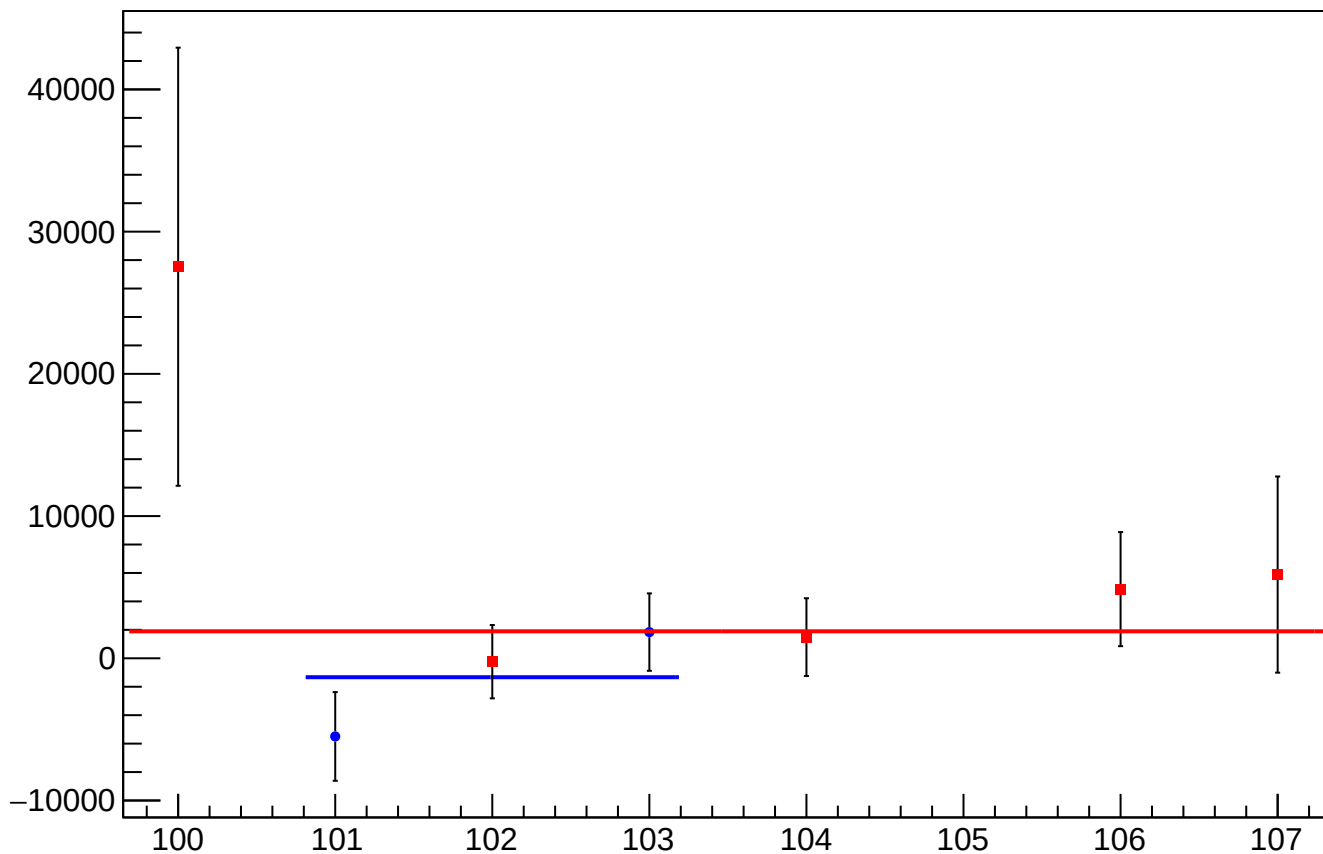
Right: 2185.538+/-0.935 χ^2/NDF : 223106.3/6

In: 2298.972+/-1.494 χ^2/NDF : 100987.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2185.538+/-0.935 χ^2/NDF : 223106.3/6

asym_us_dd_at2lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1330.780+/-2050.548 χ^2/NDF : 3.1/1

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

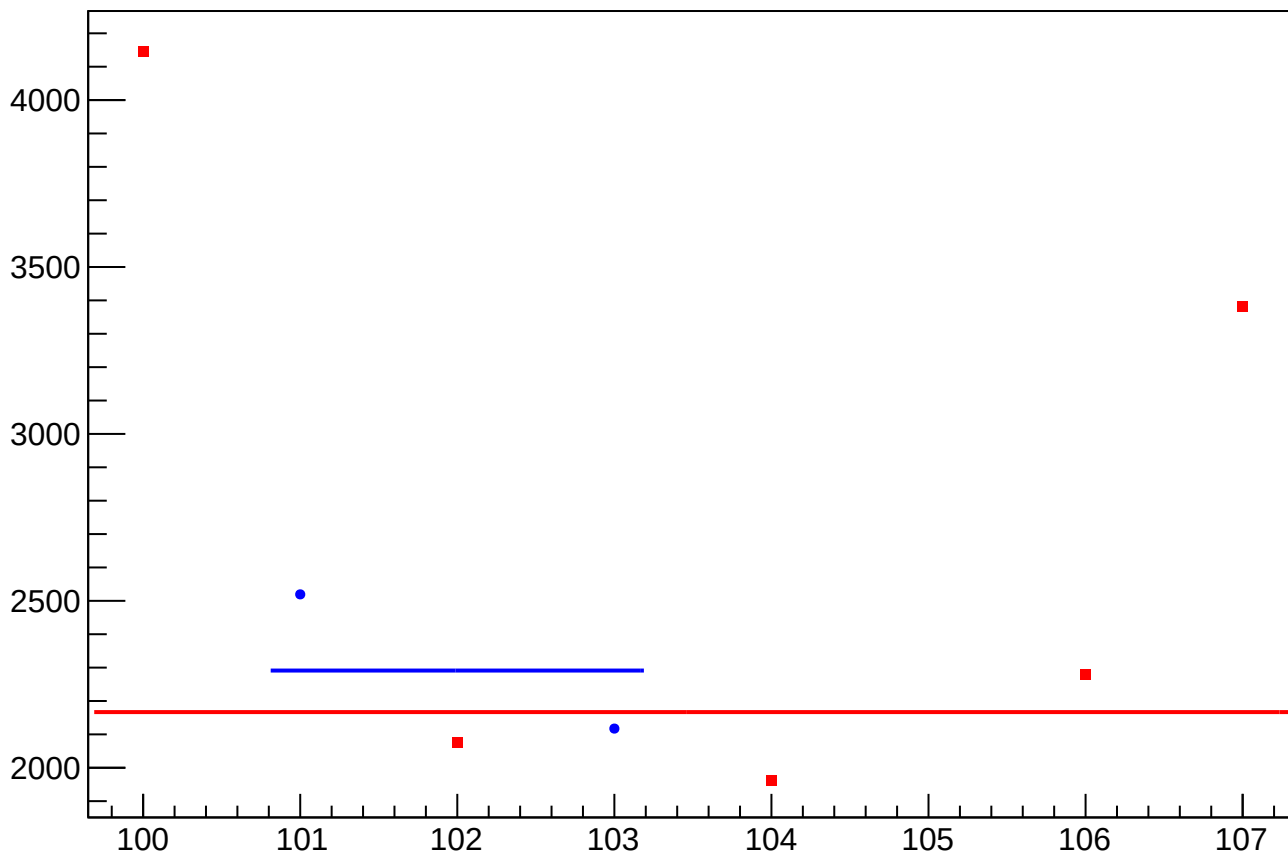
Right: 637.955+/-1280.819 χ^2/NDF : 9.0/6

In: -1330.780+/-2050.548 χ^2/NDF : 3.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 637.955+/-1280.819 χ^2/NDF : 9.0/6

asym_us_dd_at2lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2291.194+/-1.450 χ^2/NDF : 18869.9/1

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

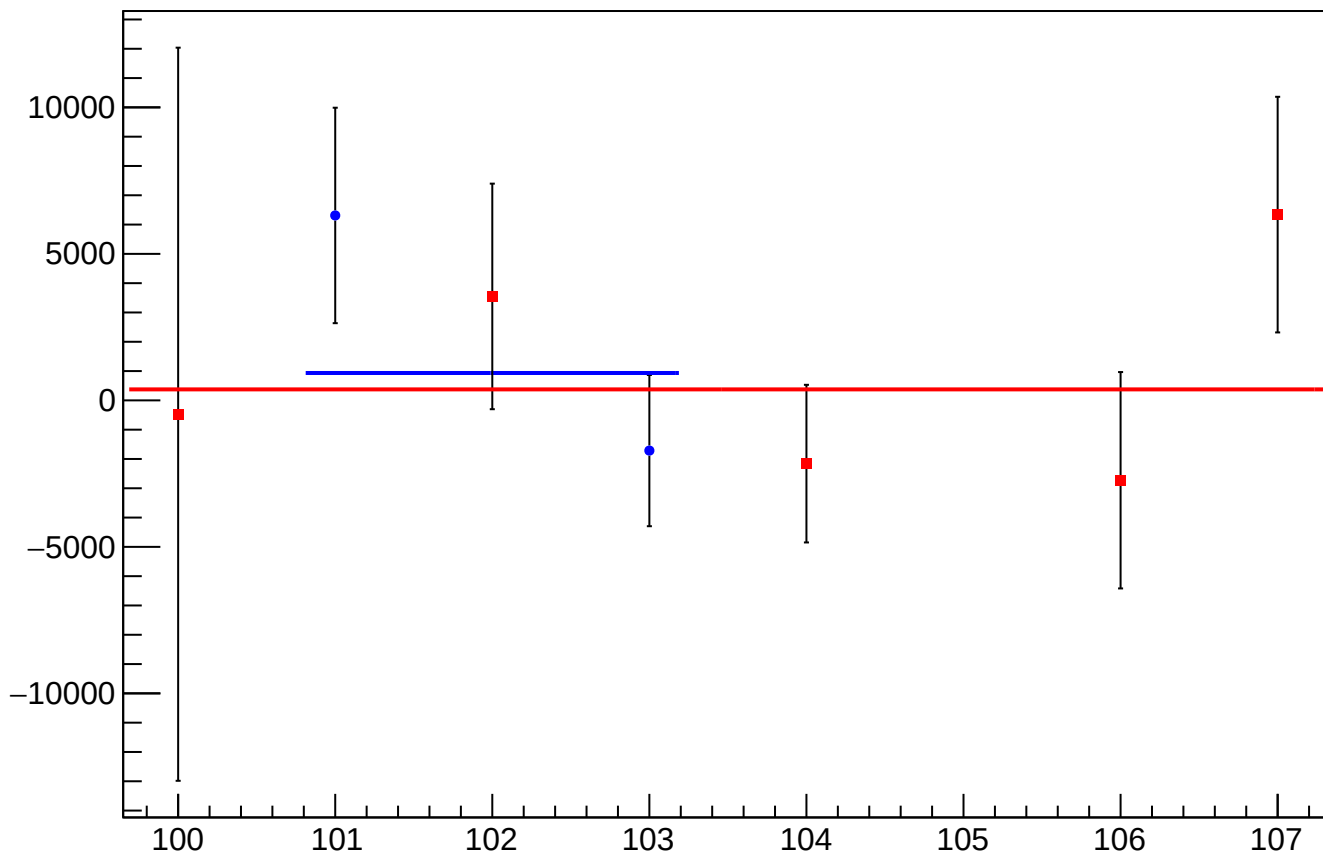
Right: 2215.311+/-0.906 χ^2/NDF : 133621.8/6

In: 2291.194+/-1.450 χ^2/NDF : 18869.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2215.311+/-0.906 χ^2/NDF : 133621.8/6

eigen_dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: 934.680 $\pm$ 2112.344 χ^2 /NDF: 3.2/1

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

Right Out: 374.933 $\pm$ 1696.940 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

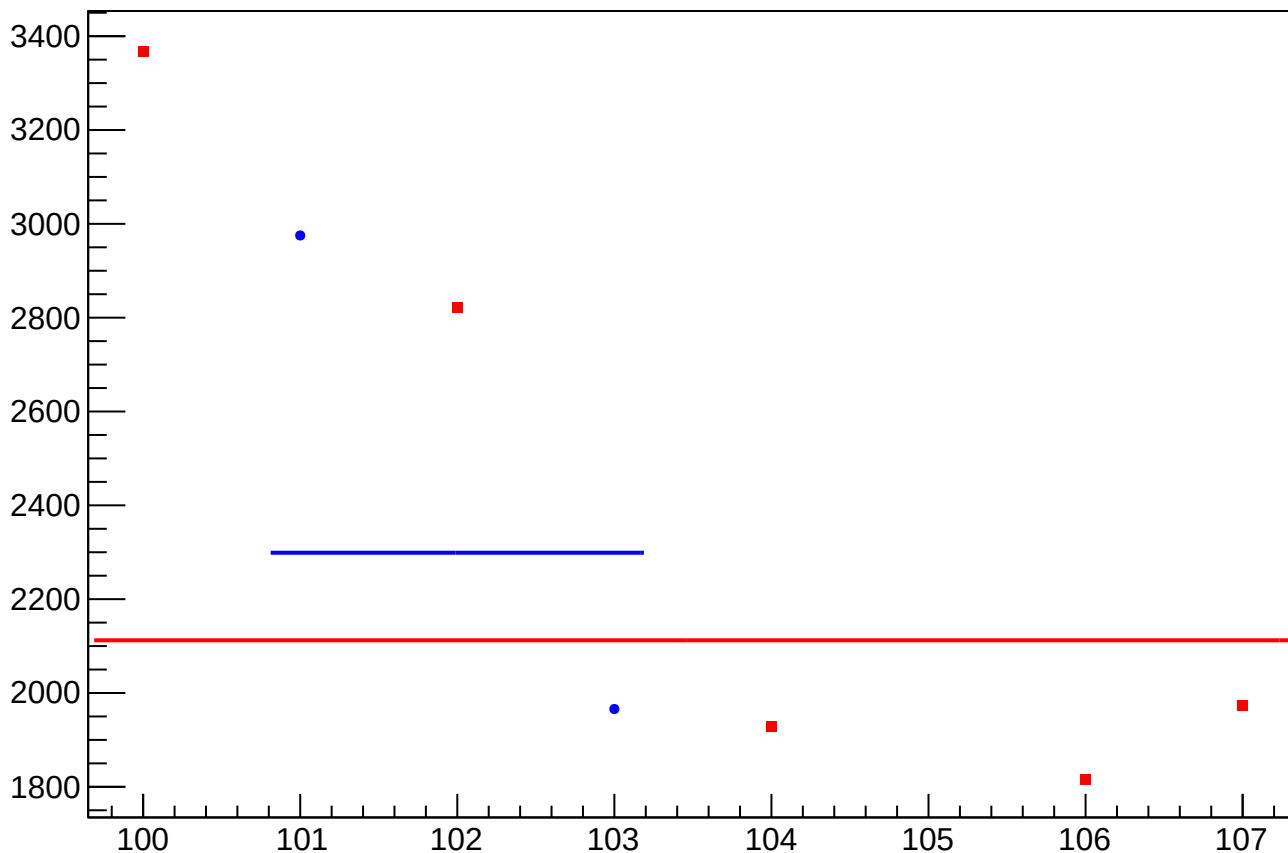
Right: 594.483 $\pm$ 1322.927 χ^2 /NDF: 7.7/6

In: 934.680 $\pm$ 2112.344 χ^2 /NDF: 3.2/1

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

All: 594.483 $\pm$ 1322.927 χ^2 /NDF: 7.7/6

eigen_dit_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2298.972+/-1.494 χ^2/NDF : 100987.3/1

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

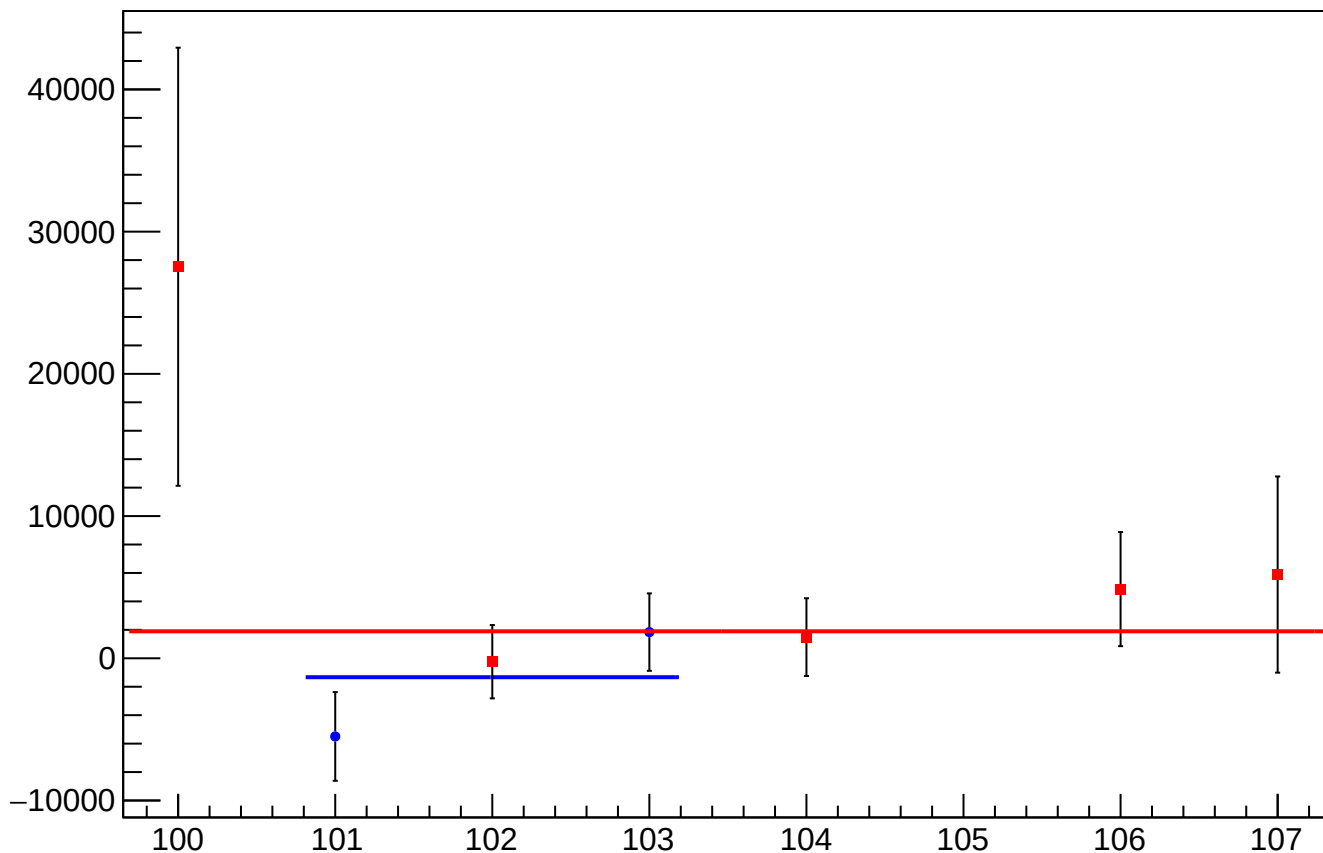
Right: 2185.538+/-0.935 χ^2/NDF : 223106.2/6

In: 2298.972+/-1.494 χ^2/NDF : 100987.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2185.538+/-0.935 χ^2/NDF : 223106.2/6

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1330.797 $\pm$ 2050.547 χ^2 /NDF: 3.1/1

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

Right Out: 1897.478 $\pm$ 1640.130 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

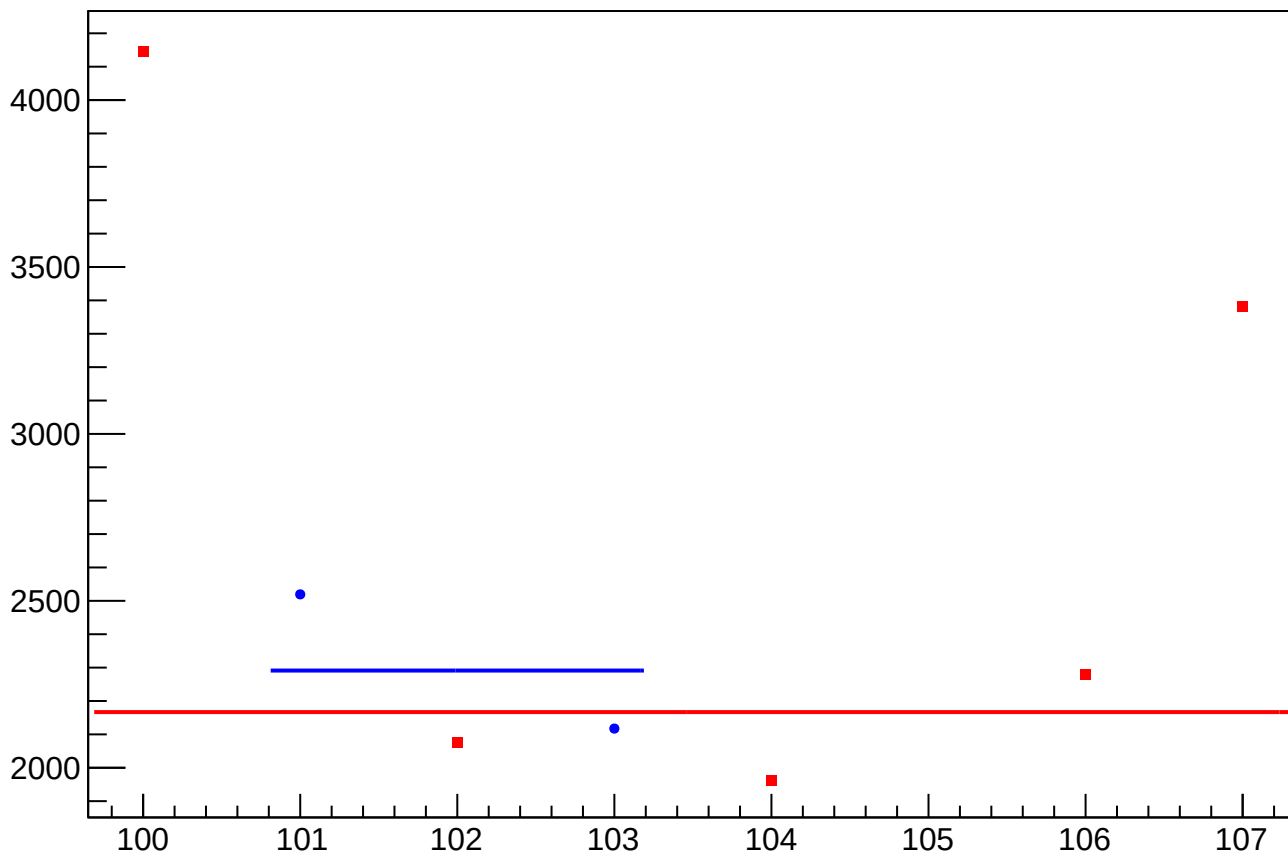
Right: 637.951 $\pm$ 1280.820 χ^2 /NDF: 9.0/6

In: -1330.797 $\pm$ 2050.547 χ^2 /NDF:3.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 637.951 $\pm$ 1280.820 χ^2 /NDF: 9.0/6

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2291.194+/-1.450 χ^2/NDF : 18868.2/1

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

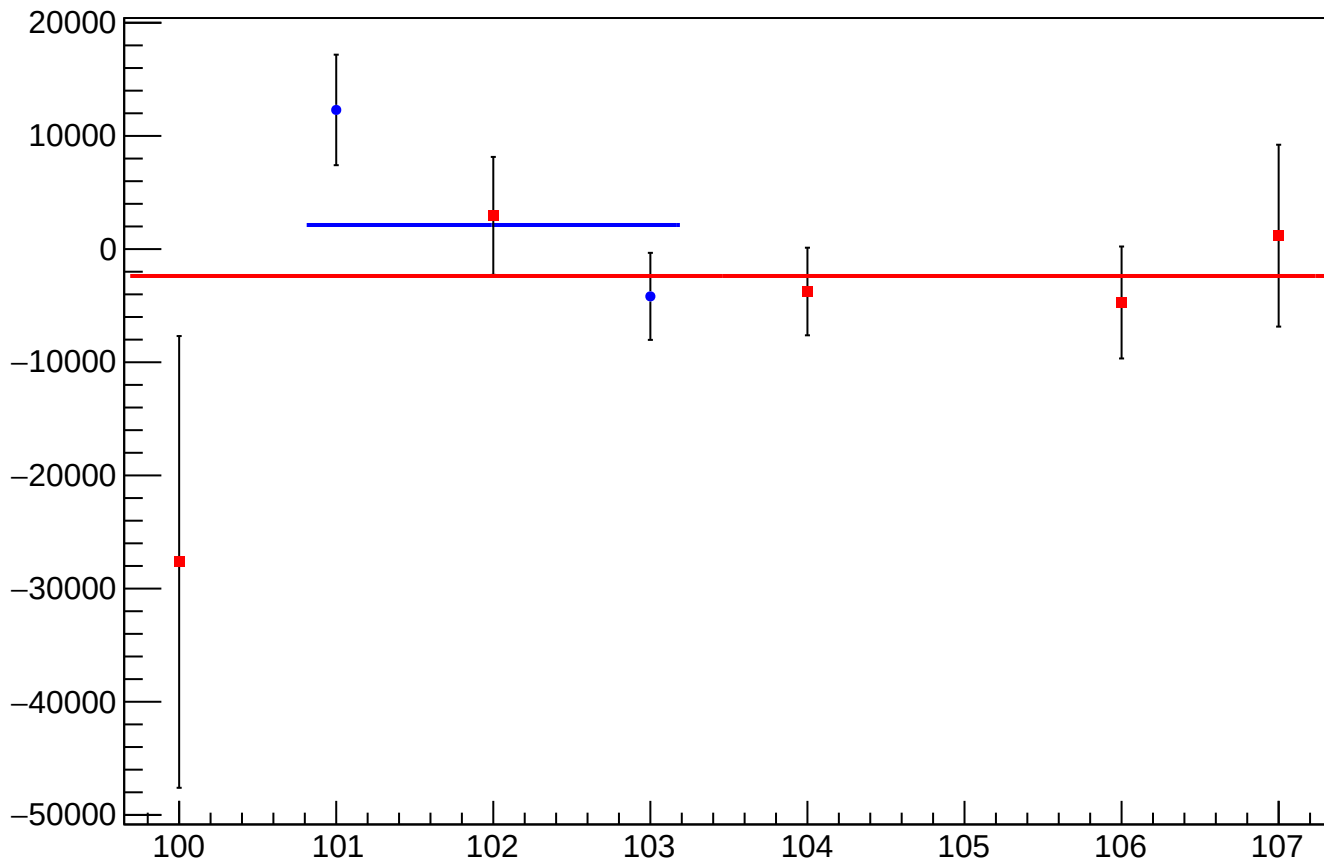
Right: 2215.314+/-0.906 χ^2/NDF : 133617.5/6

In: 2291.194+/-1.450 χ^2/NDF : 18868.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2215.314+/-0.906 χ^2/NDF : 133617.5/6

asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: 2129.848 $\pm$ 3021.180 χ^2 /NDF: 7.0/1

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

Right Out: -2376.517 $\pm$ 2481.301 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

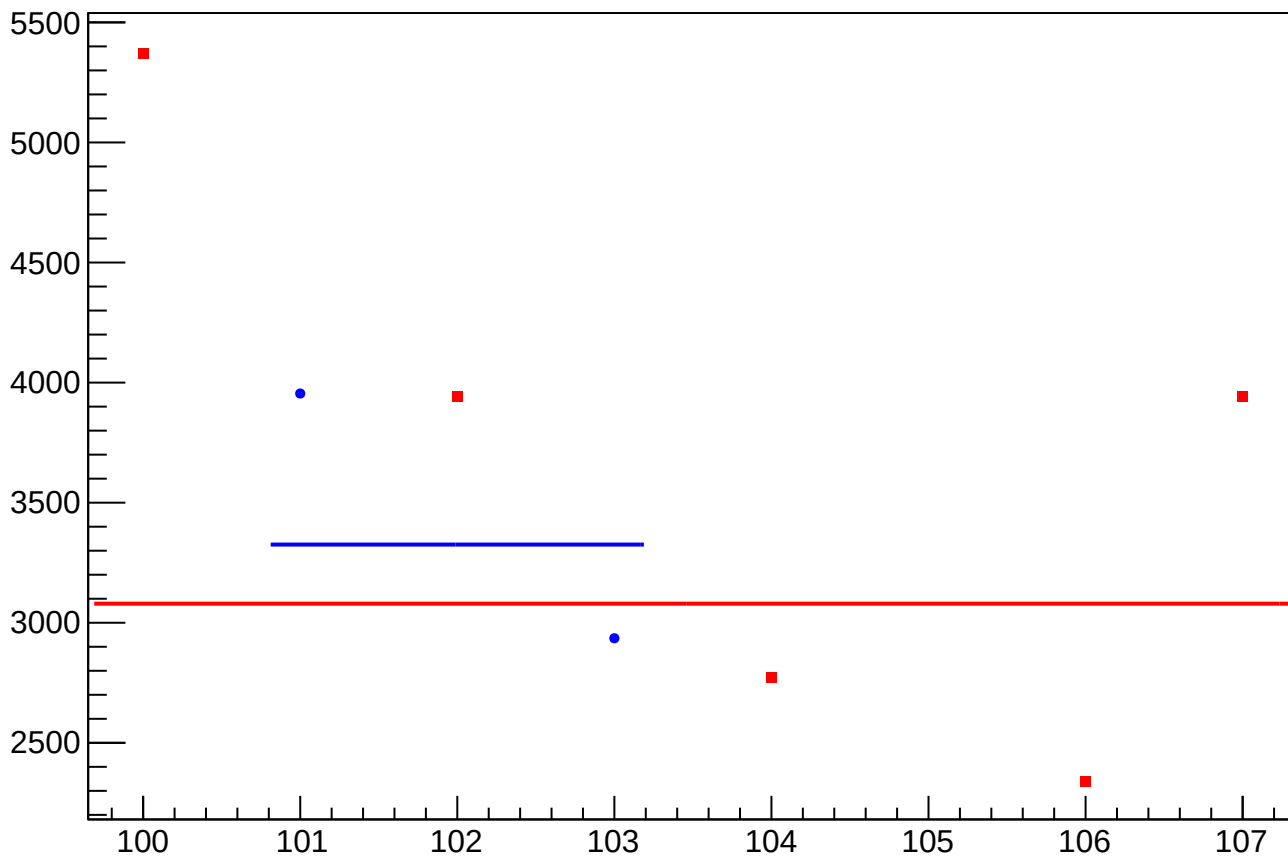
Right: -561.263 $\pm$ 1917.485 χ^2 /NDF: 11.5/6

In: 2129.848 $\pm$ 3021.180 χ^2 /NDF:7.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -561.263 $\pm$ 1917.485 χ^2 /NDF: 11.5/6

asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3325.575+/-2.136 χ^2/NDF : 53761.3/1

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

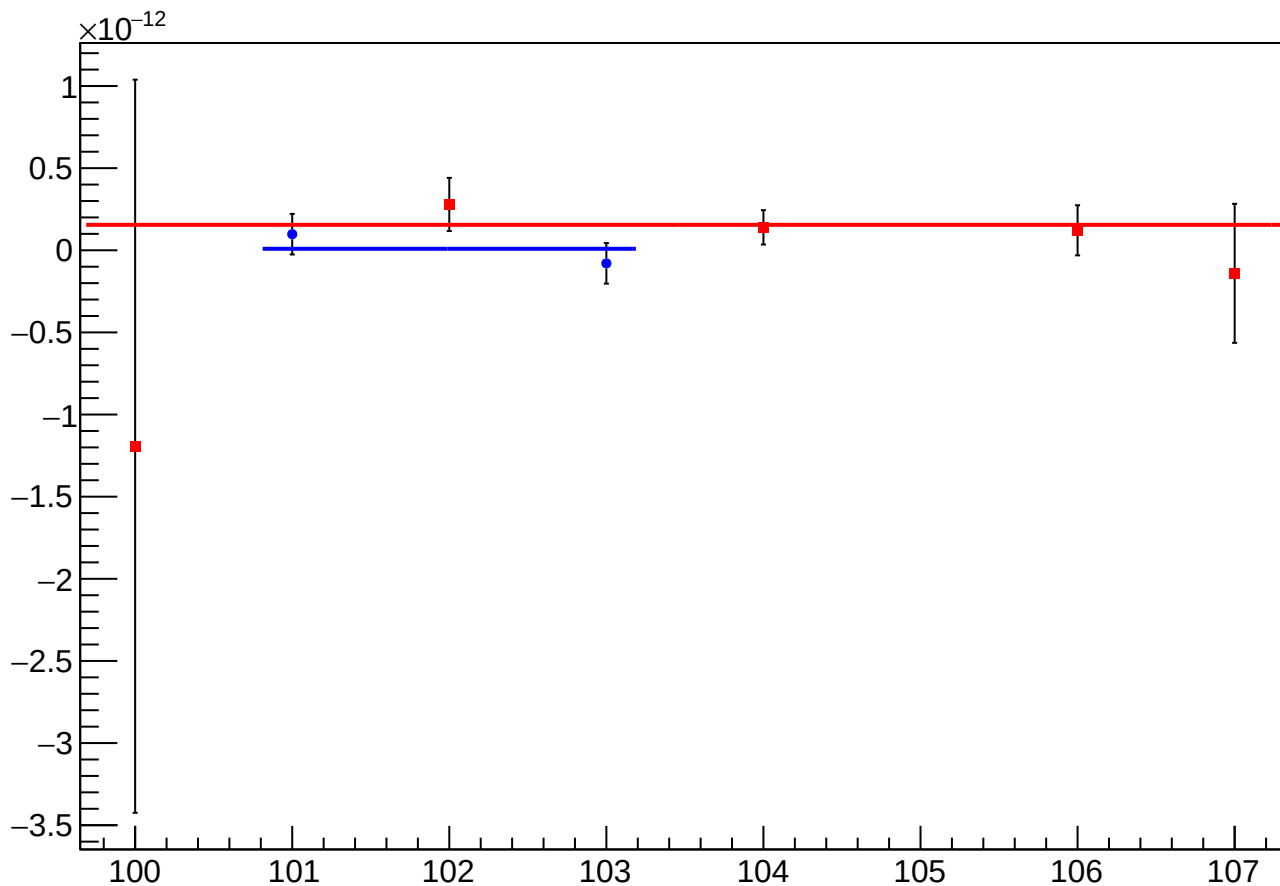
Right: 3178.634+/-1.356 χ^2/NDF : 223814.3/6

In: 3325.575+/-2.136 χ^2/NDF : 53761.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3178.634+/-1.356 χ^2/NDF : 223814.3/6

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.0/1

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

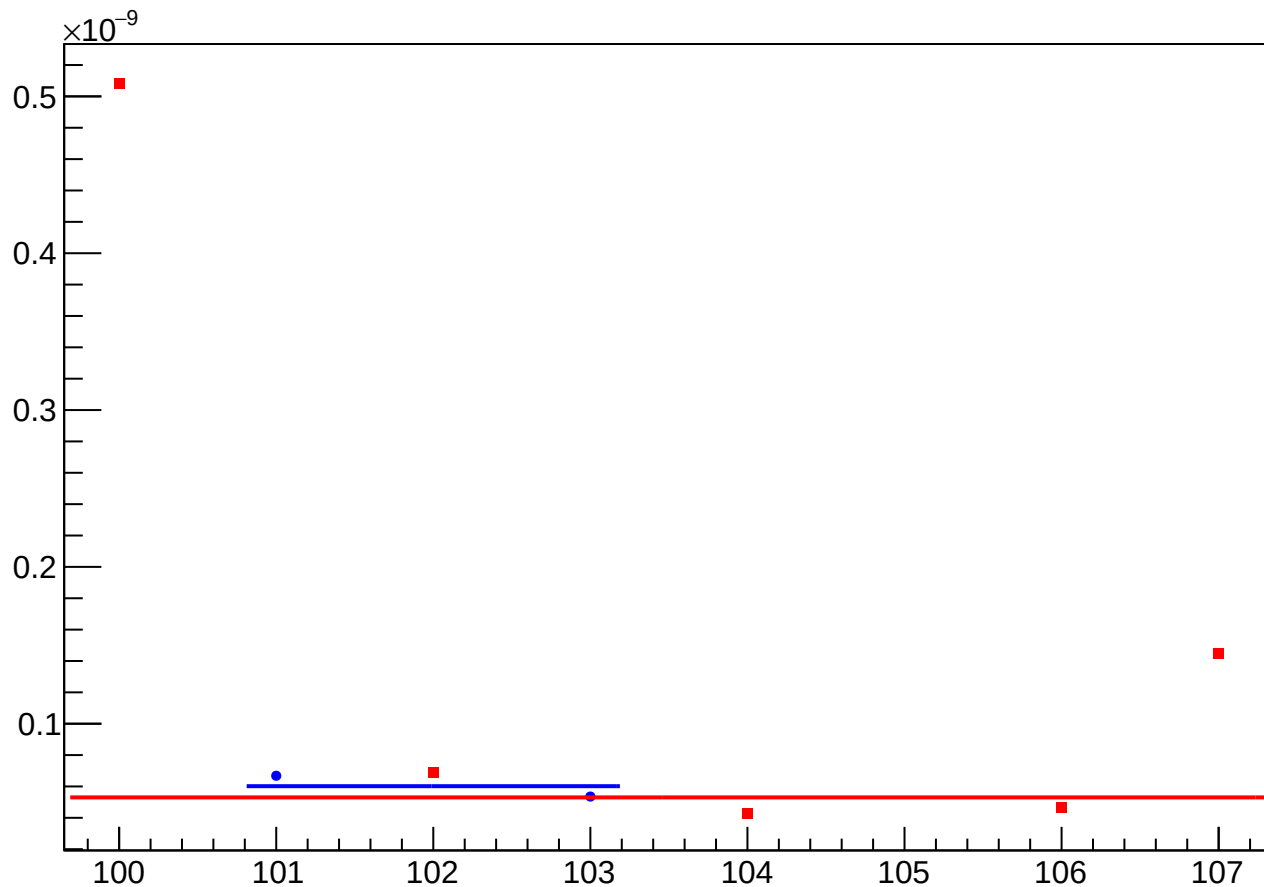
Right: 0.000+/-0.000 χ^2/NDF : 4.2/6

In: 0.000+/-0.000 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.2/6

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11527.0/1

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

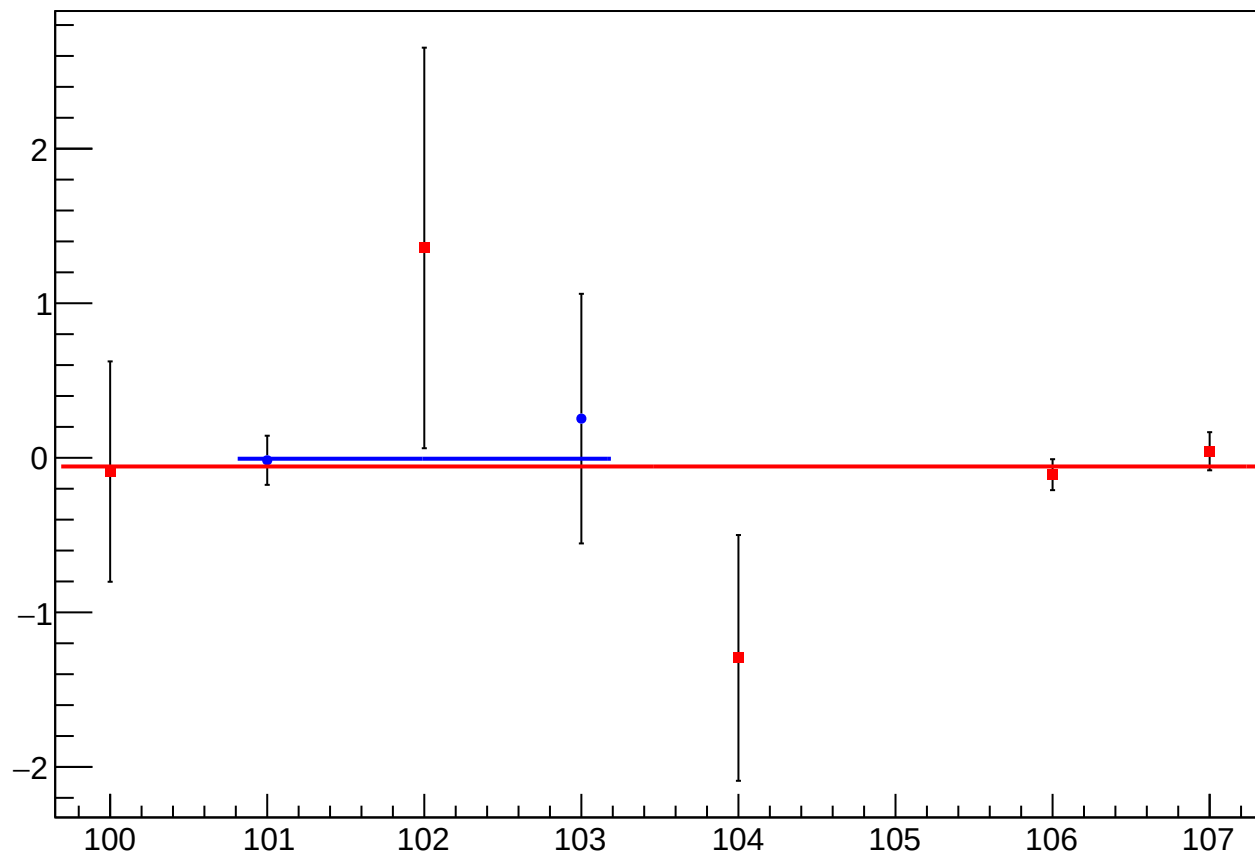
Right: 0.000+/-0.000 χ^2/NDF : 240443.5/6

In: 0.000+/-0.000 χ^2/NDF : 11527.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 240443.5/6

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.156 χ^2 /NDF: 0.1/1

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

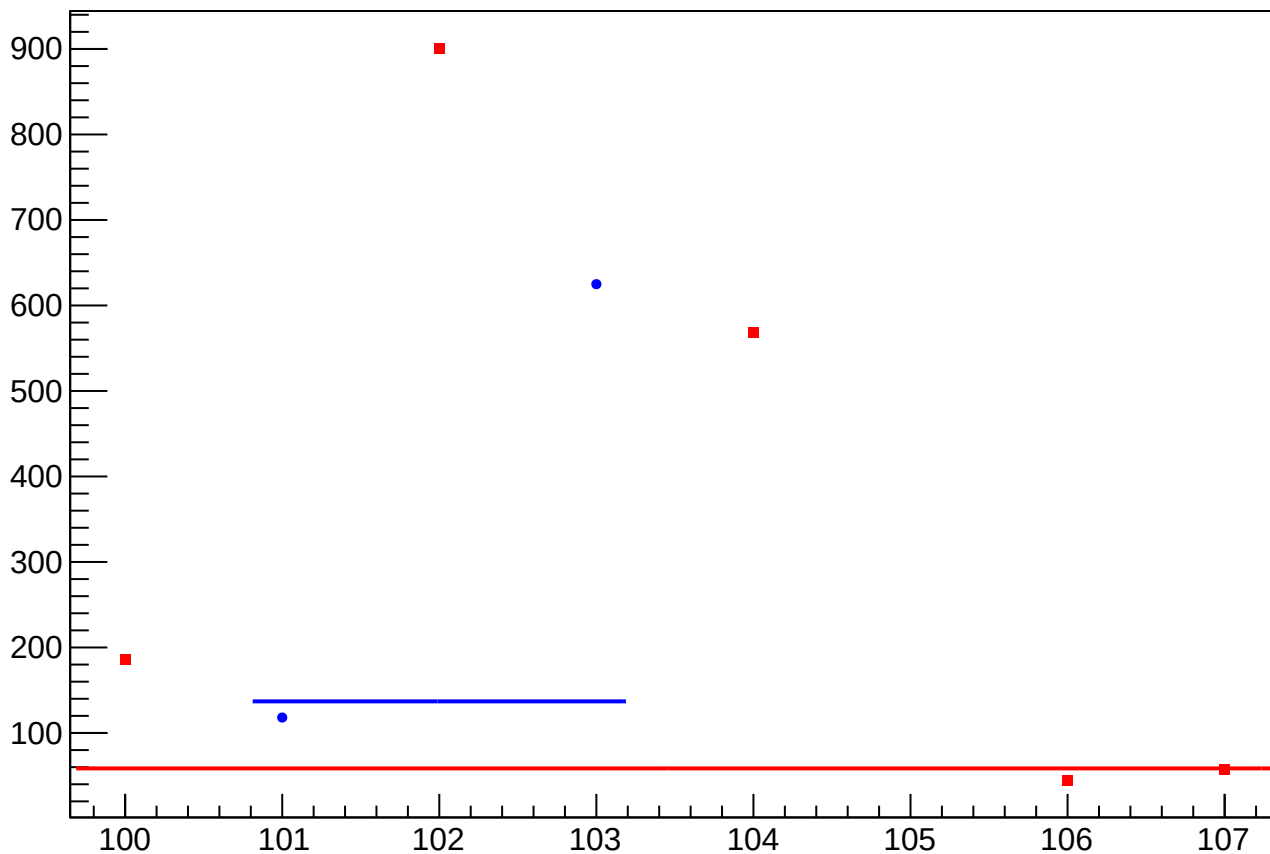
Right: -0.046 $\pm$ 0.069 χ^2 /NDF: 4.7/6

In: -0.006 $\pm$ 0.156 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.046 $\pm$ 0.069 χ^2 /NDF: 4.7/6

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 136.970 $\pm$ 0.110 χ^2 /NDF: 758655.4/1

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

Right Out: 58.563 $\pm$ 0.054 χ^2 /NDF: 1775129.4/4

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

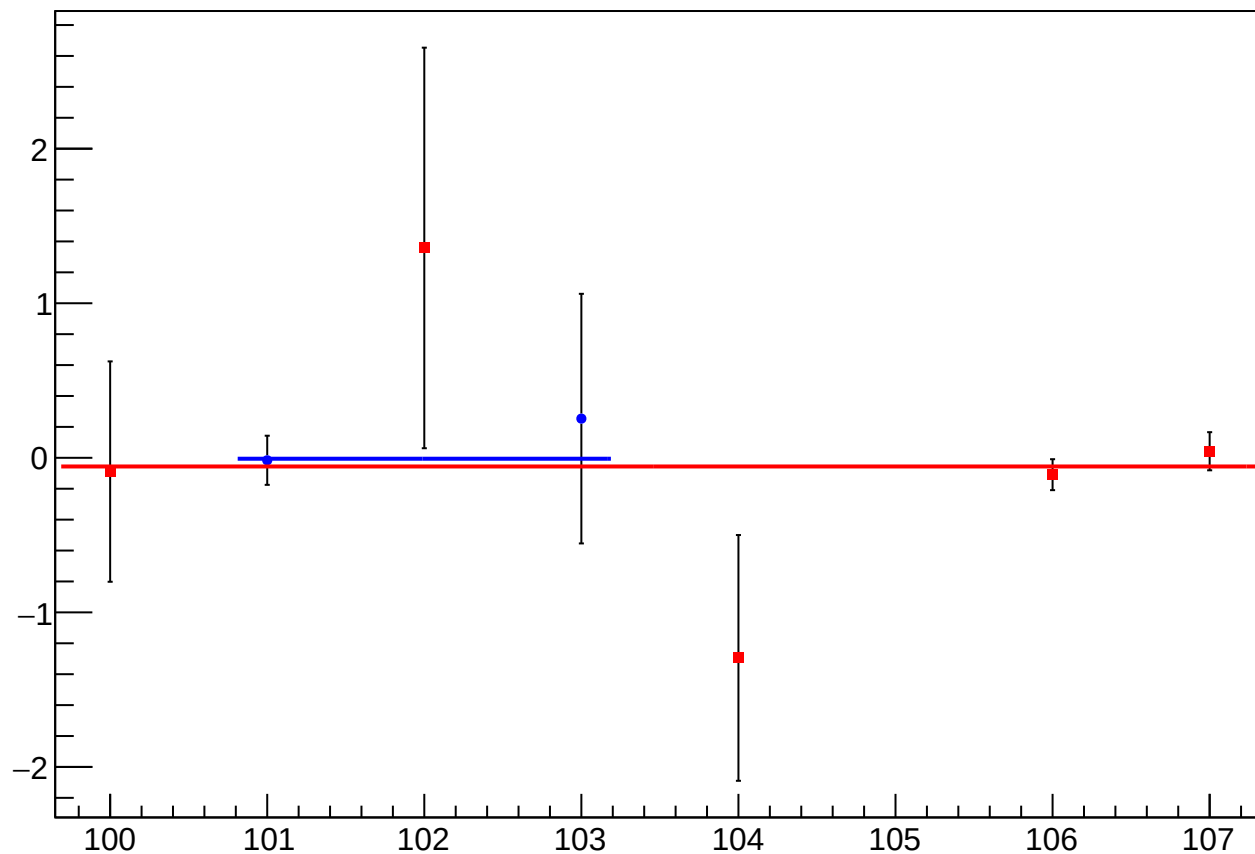
Right: 73.861 $\pm$ 0.049 χ^2 /NDF: 2940655.1/6

In: 136.970 $\pm$ 0.110 χ^2 /NDF:758655.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 73.861 $\pm$ 0.049 χ^2 /NDF: 2940655.1/6

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.156 χ^2 /NDF: 0.1/1

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

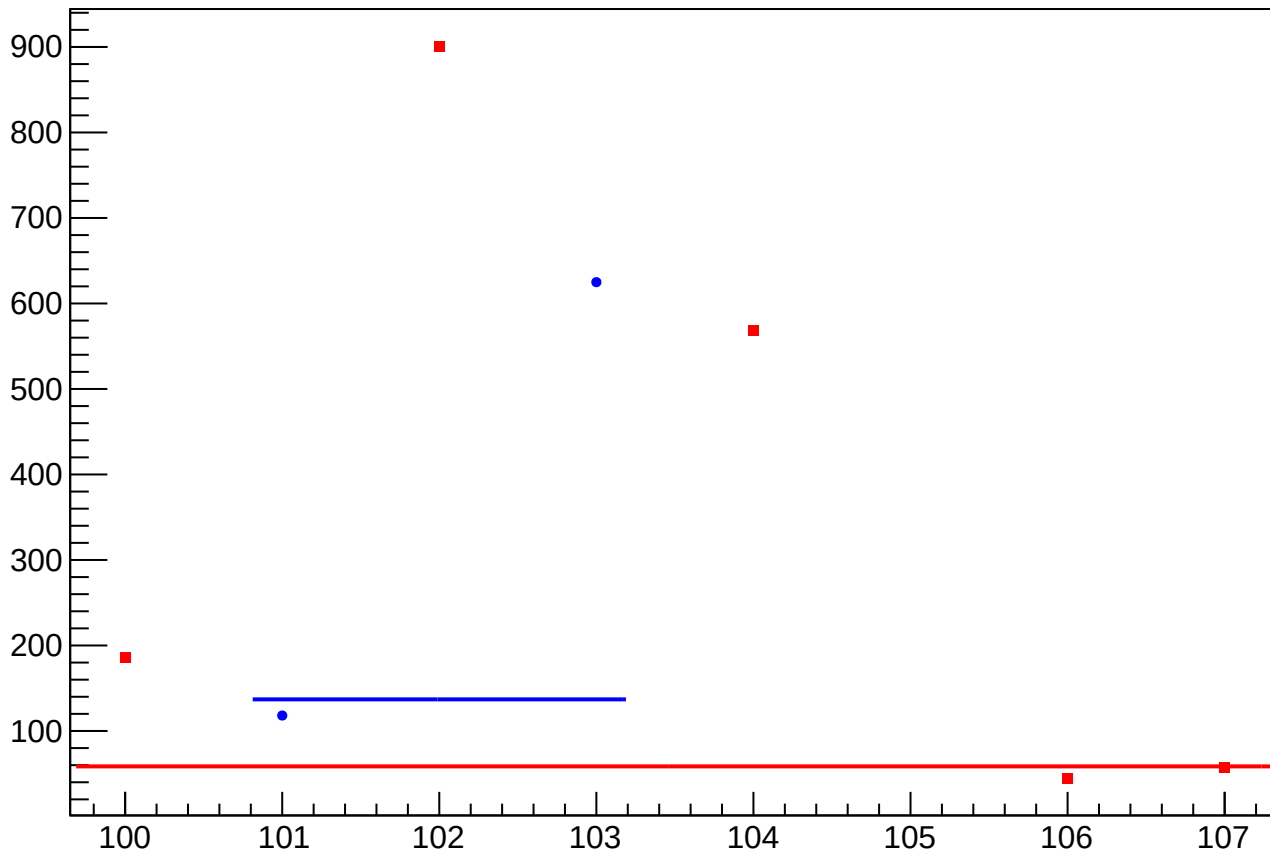
Right: -0.046 $\pm$ 0.069 χ^2 /NDF: 4.7/6

In: -0.006 $\pm$ 0.156 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.046 $\pm$ 0.069 χ^2 /NDF: 4.7/6

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 136.970+/-0.110 χ^2/NDF : 758655.4/1

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

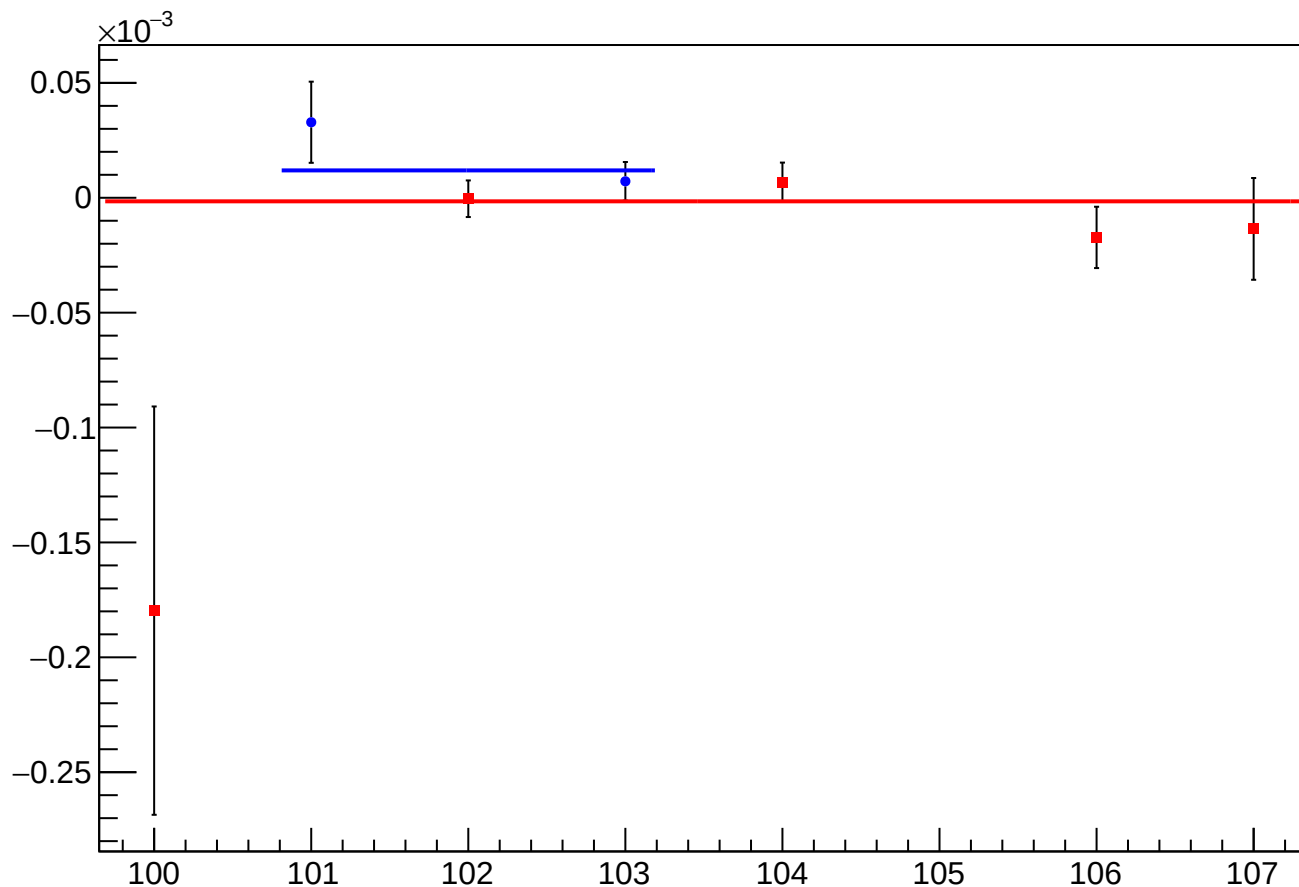
Right: 73.861+/-0.049 χ^2/NDF : 2940655.1/6

In: 136.970+/-0.110 χ^2/NDF : 758655.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.861+/-0.049 χ^2/NDF : 2940655.1/6

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.7/1

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

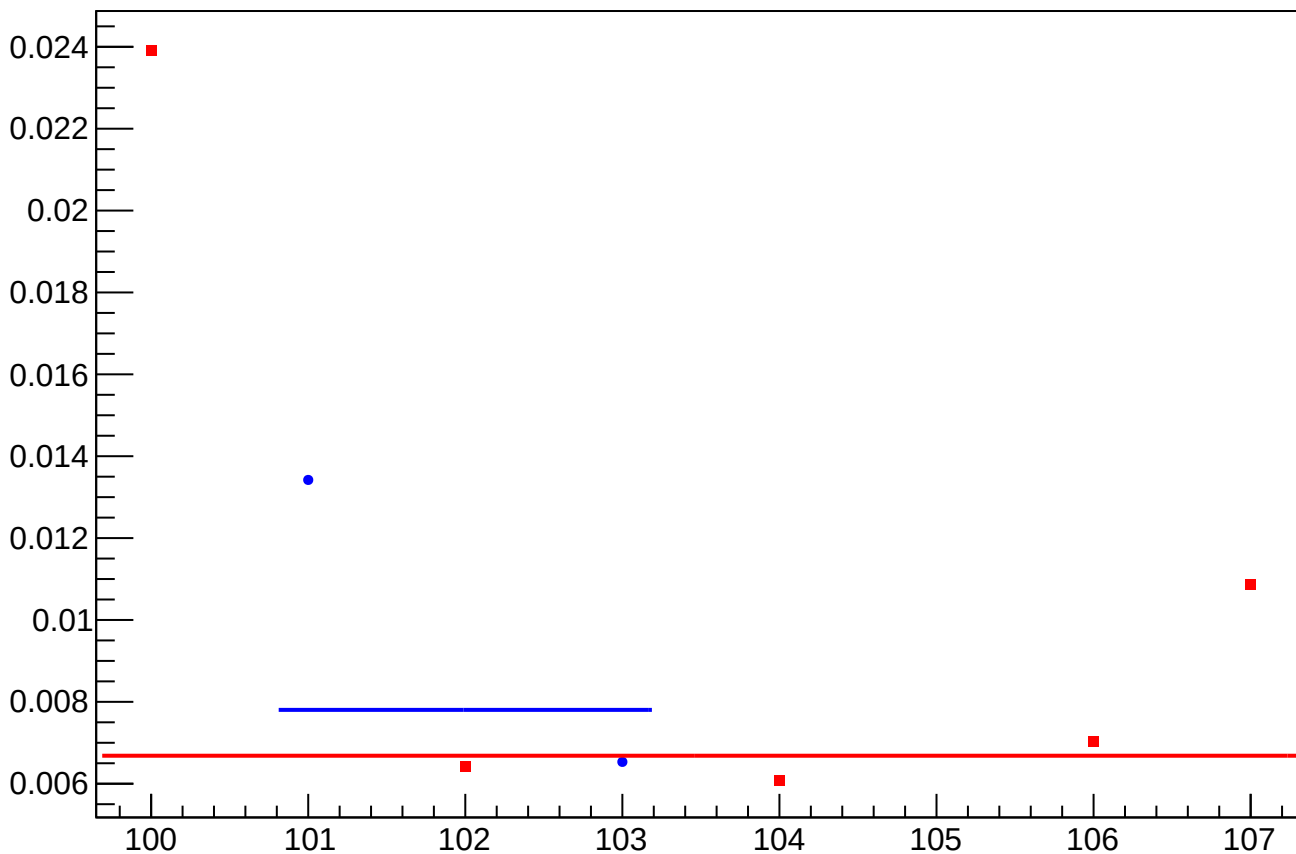
Right: 0.000+/-0.000 χ^2/NDF : 10.6/6

In: 0.000+/-0.000 χ^2/NDF : 1.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.6/6

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 : 248139.4/1

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

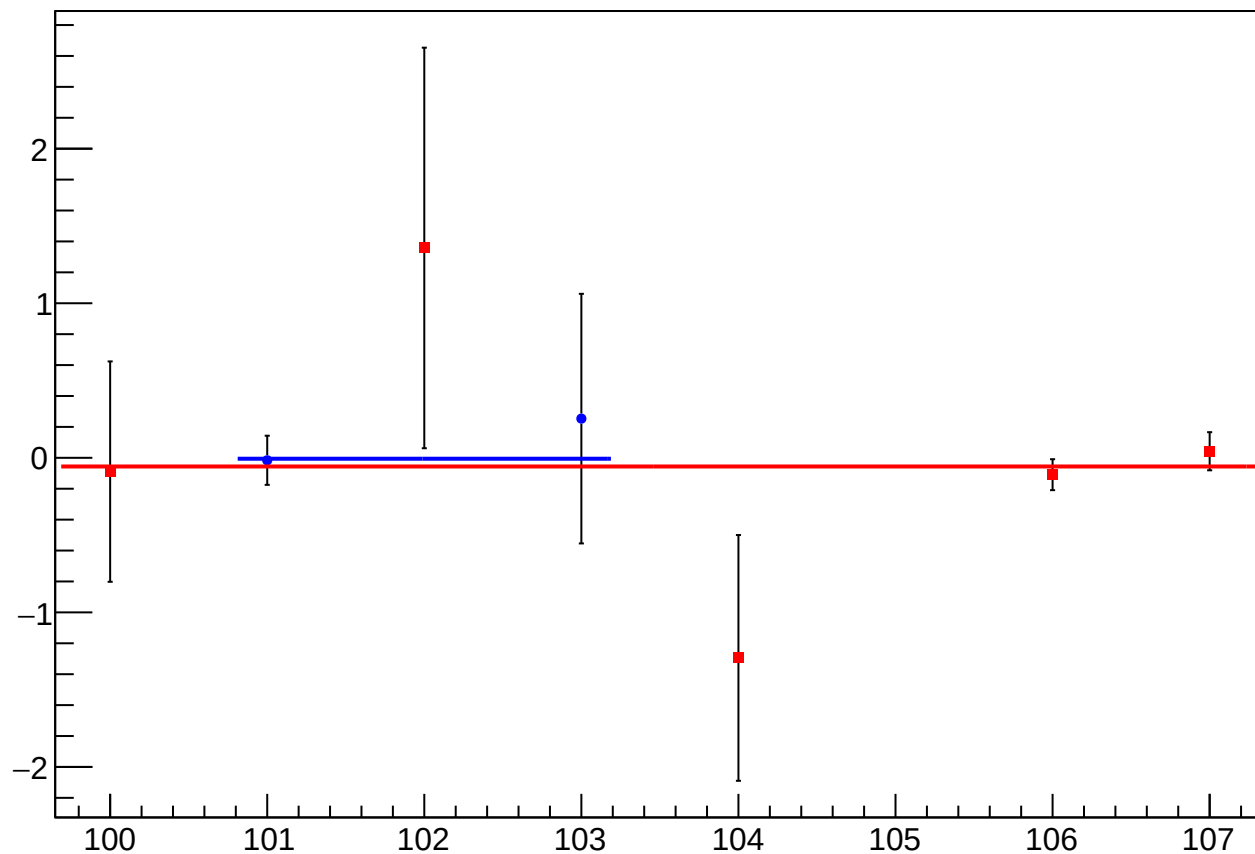
Right: 0.007+/-0.000 χ^2/NDF : 438316.8/6

In: 0.008+/-0.000 χ^2/NDF : 248139.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 438316.8/6

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.156 χ^2 /NDF: 0.1/1

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

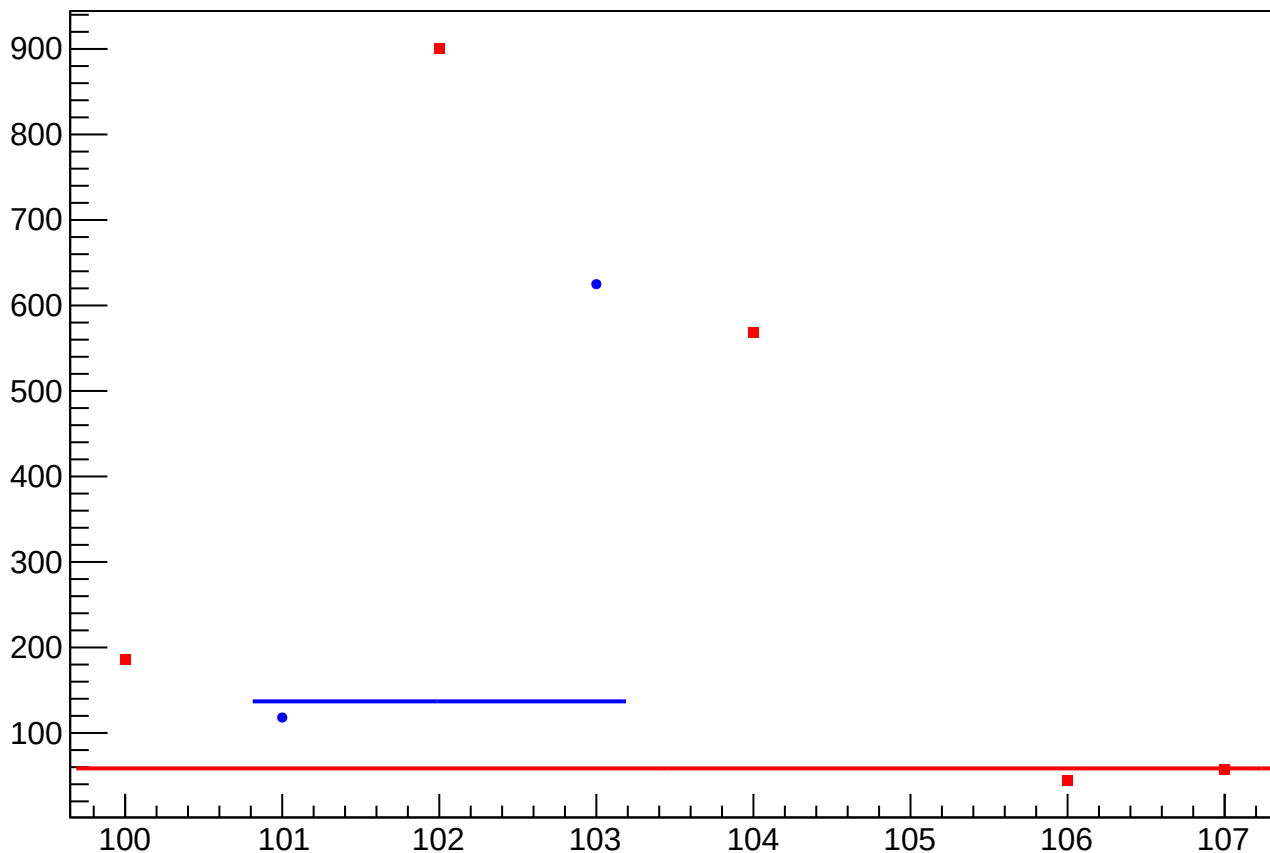
Right: -0.046 $\pm$ 0.069 χ^2 /NDF: 4.7/6

In: -0.006 $\pm$ 0.156 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.046 $\pm$ 0.069 χ^2 /NDF: 4.7/6

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 136.973+/-0.110 χ^2/NDF : 758646.3/1

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

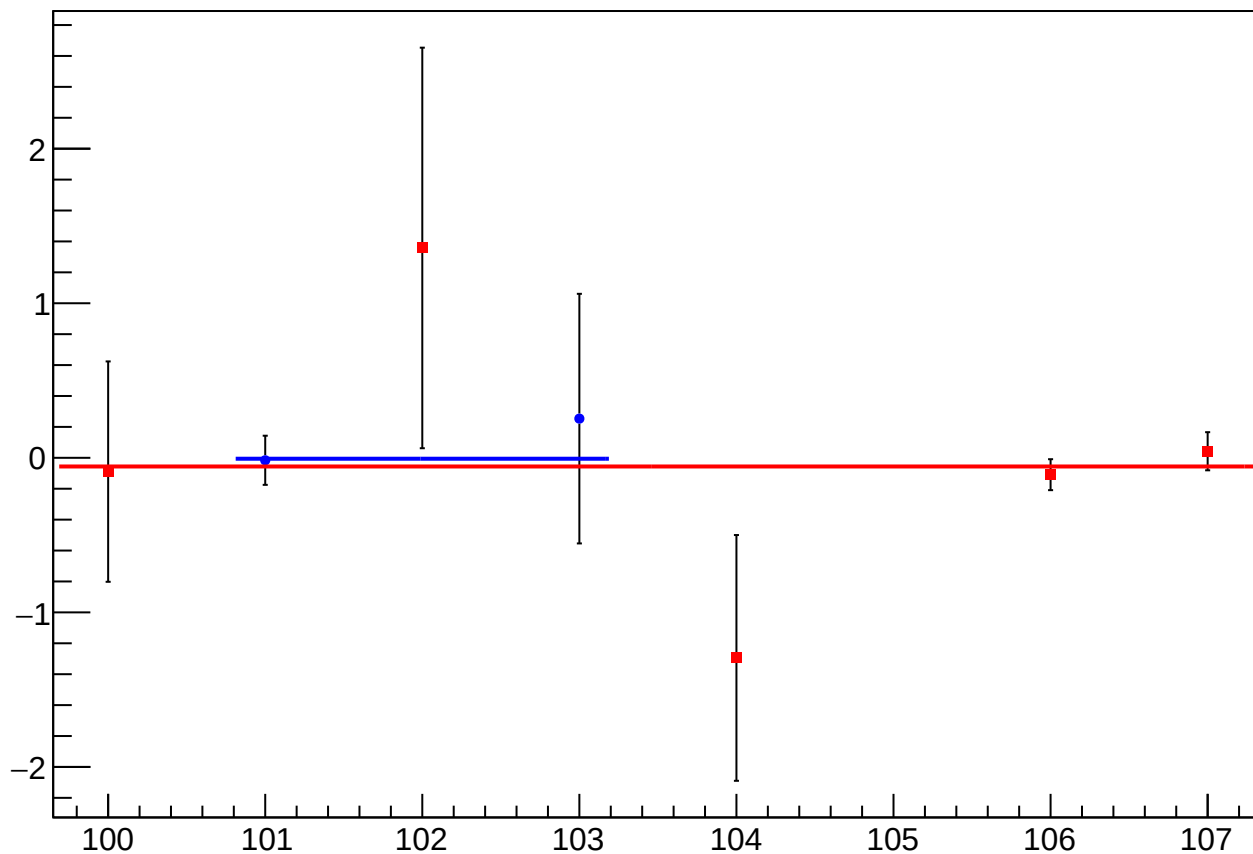
Right: 73.861+/-0.049 χ^2/NDF : 2940670.3/6

In: 136.973+/-0.110 χ^2/NDF : 758646.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.861+/-0.049 χ^2/NDF : 2940670.3/6

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.156 χ^2 /NDF: 0.1/1

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

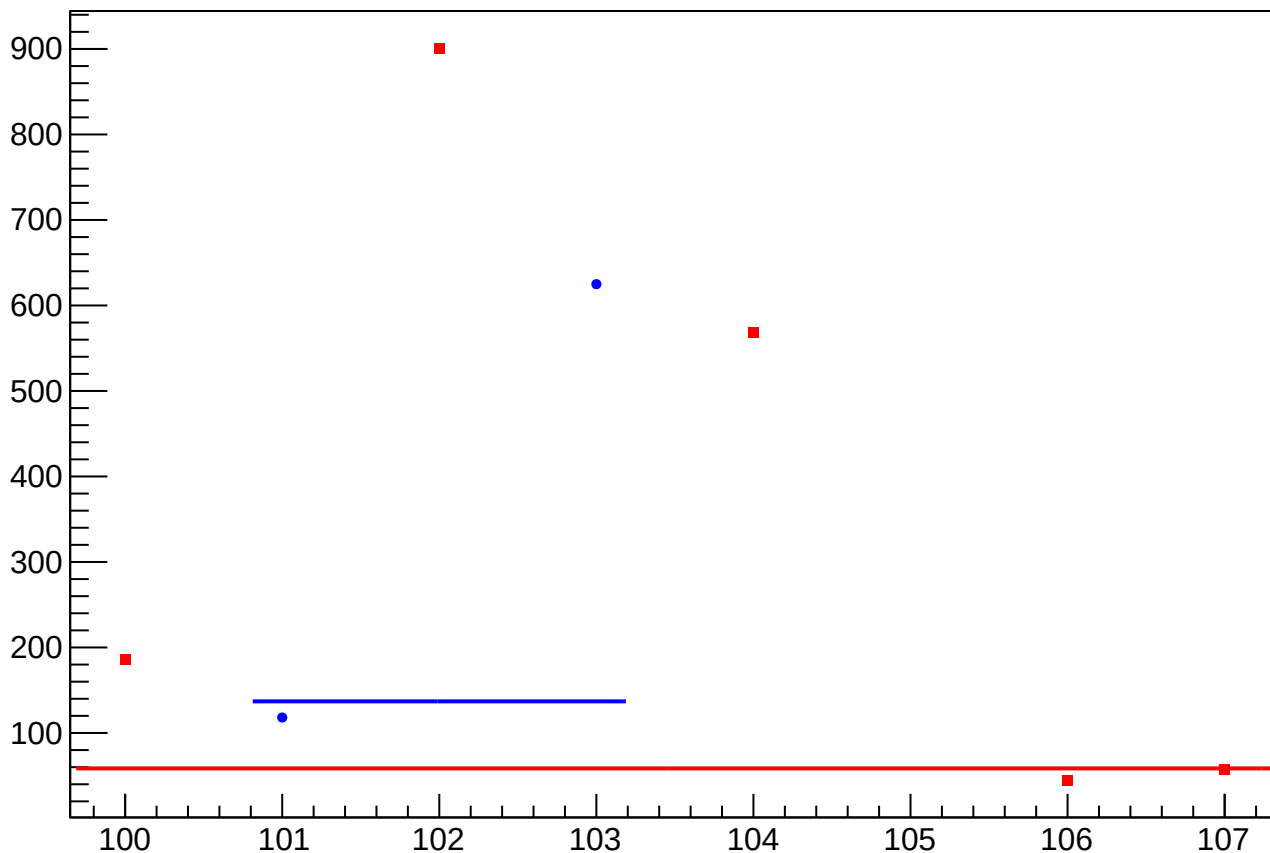
Right: -0.046 $\pm$ 0.069 χ^2 /NDF: 4.7/6

In: -0.006 $\pm$ 0.156 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.046 $\pm$ 0.069 χ^2 /NDF: 4.7/6

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 136.973 $\pm$ 0.110 χ^2 /NDF: 758646.3/1

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

Right Out: 58.563 $\pm$ 0.054 χ^2 /NDF: 1775138.7/4

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

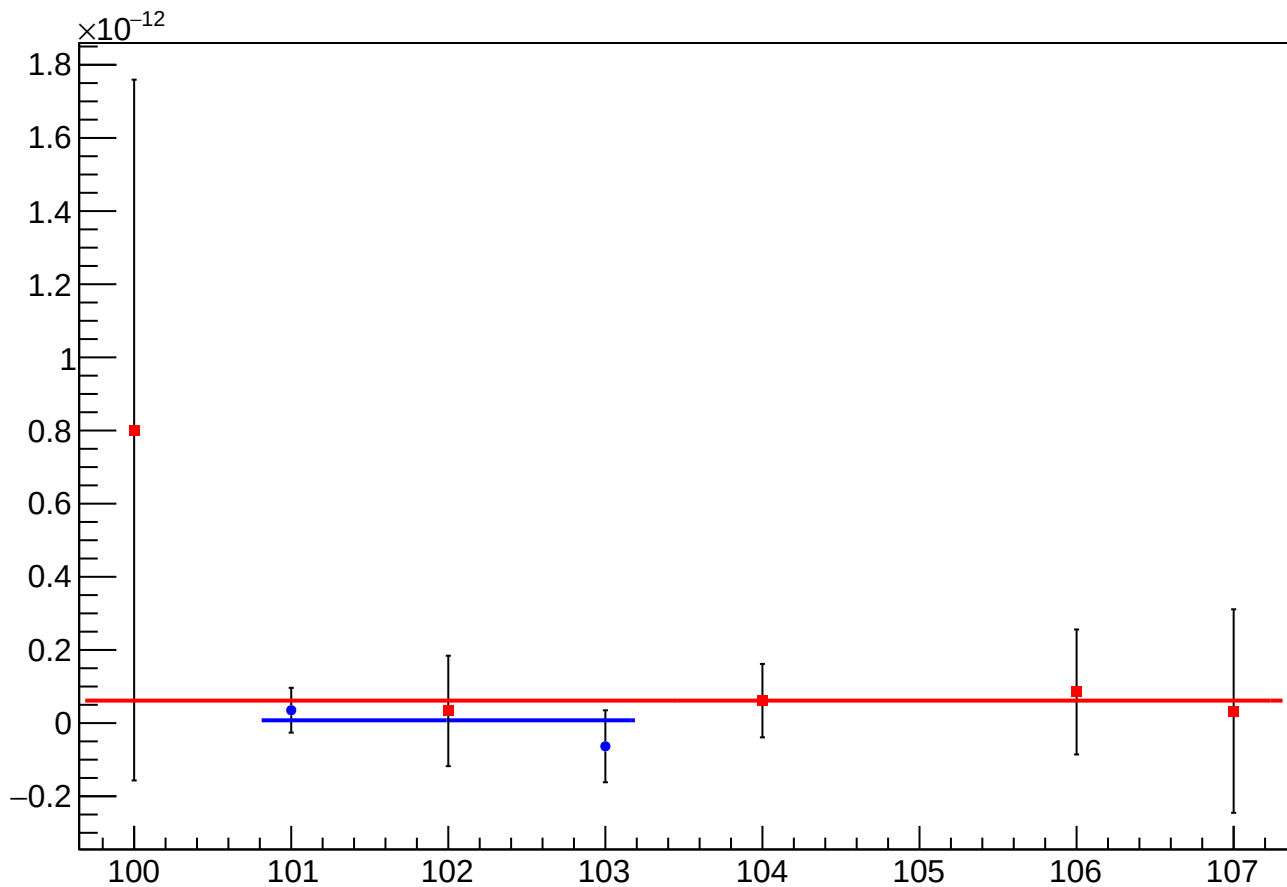
Right: 73.861 $\pm$ 0.049 χ^2 /NDF: 2940670.3/6

In: 136.973 $\pm$ 0.110 χ^2 /NDF:758646.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 73.861 $\pm$ 0.049 χ^2 /NDF: 2940670.3/6

asym_us_dd_at2lr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.7/1

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

Right Out: 0.000 $\pm$ 0.000 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

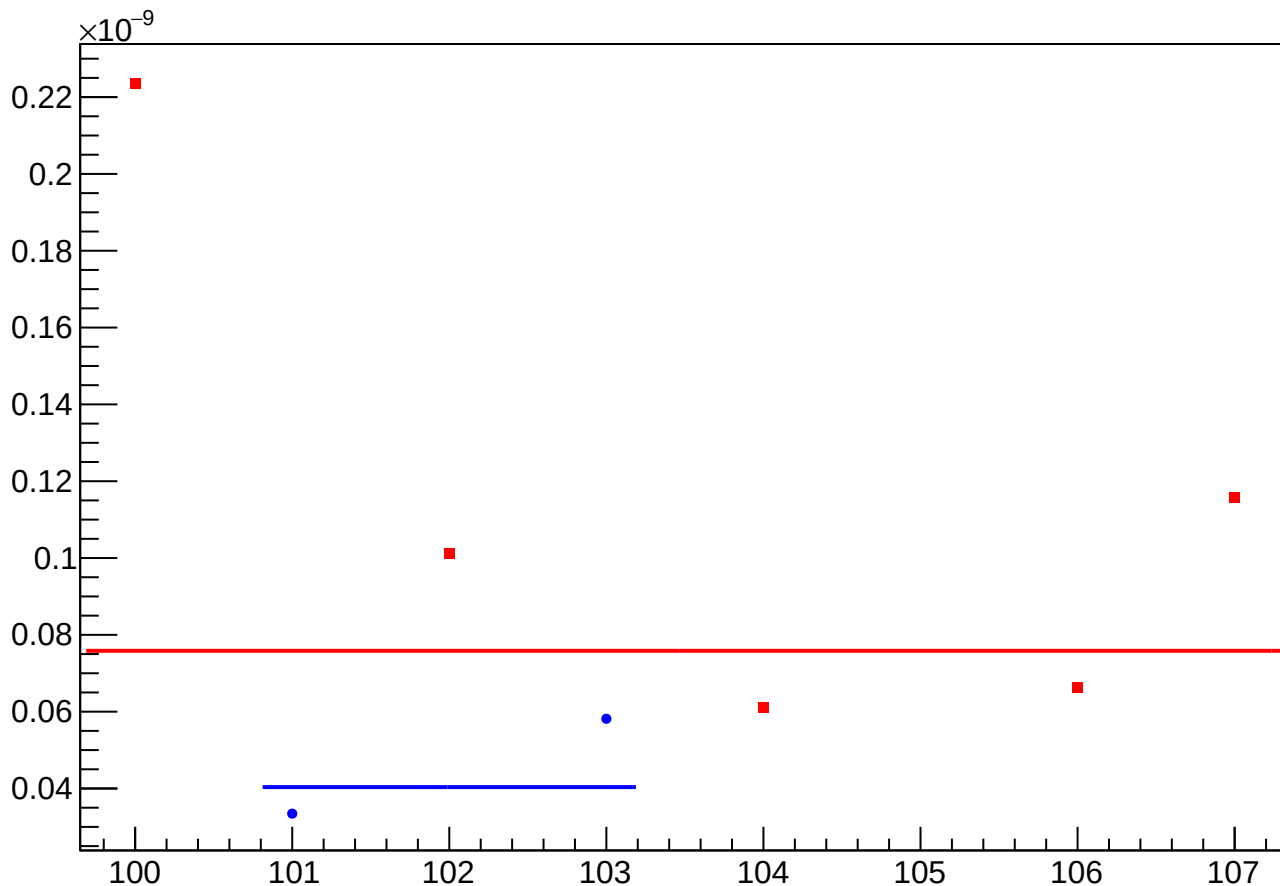
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.8/6

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.7/1

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.8/6

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 : 90816.4/1

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

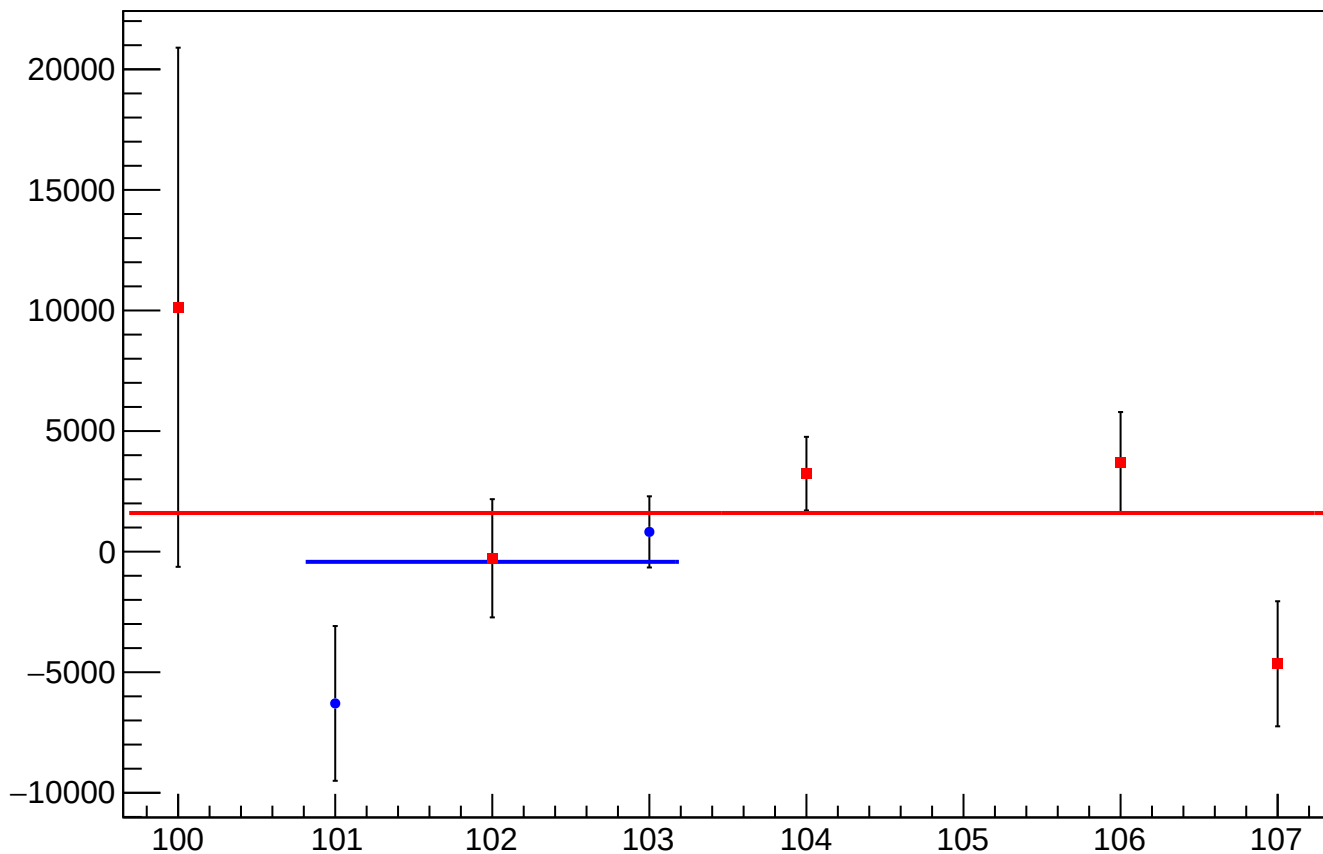
Right: 0.000+/-0.000 χ^2/NDF : 601891.0/6

In: 0.000+/-0.000 χ^2/NDF : 90816.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 601891.0/6

reg_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -422.471+/-1340.509 χ^2/NDF : 4.1/1

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

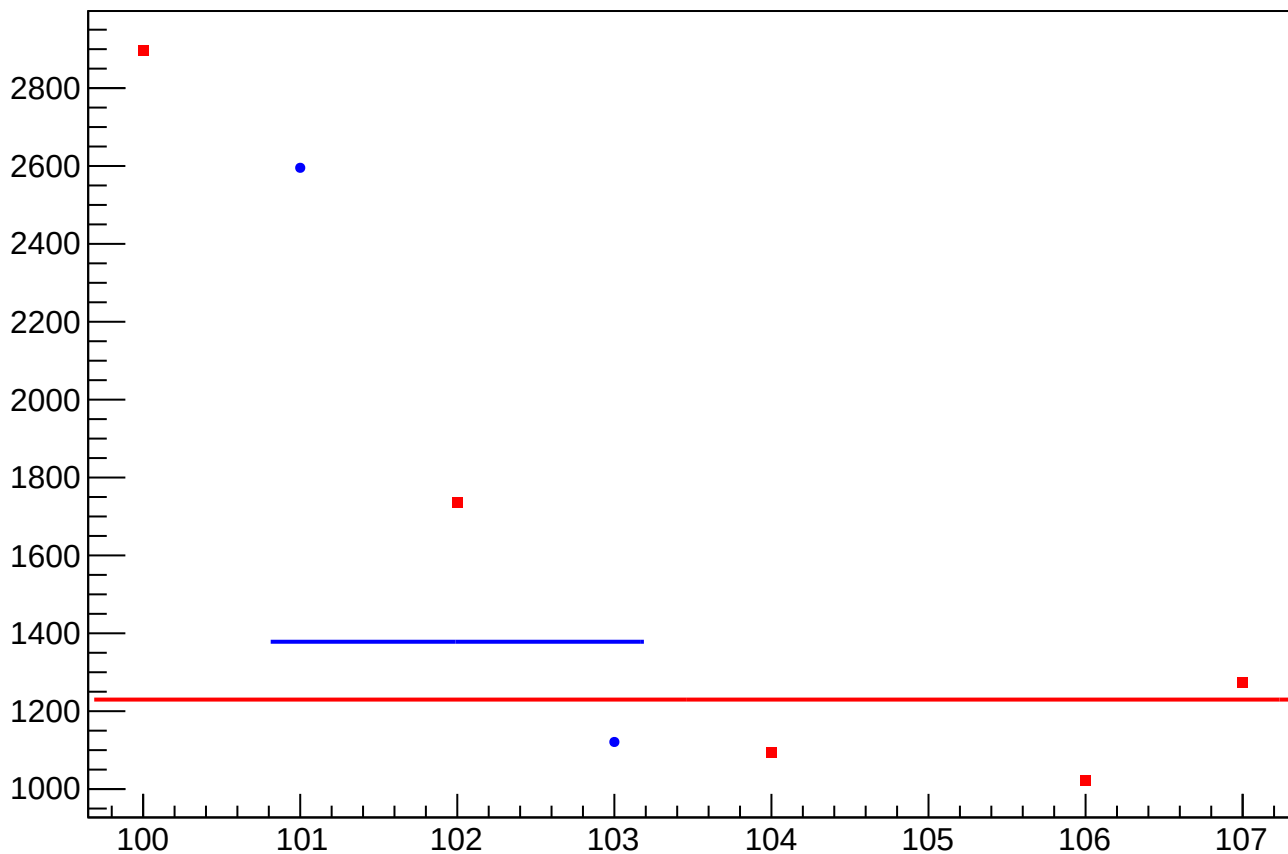
Right: 868.992+/-807.140 χ^2/NDF : 14.7/6

In: -422.471+/-1340.509 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 868.992+/-807.140 χ^2/NDF : 14.7/6

reg_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1378.315+/-0.948 χ^2/NDF : 348581.1/1

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

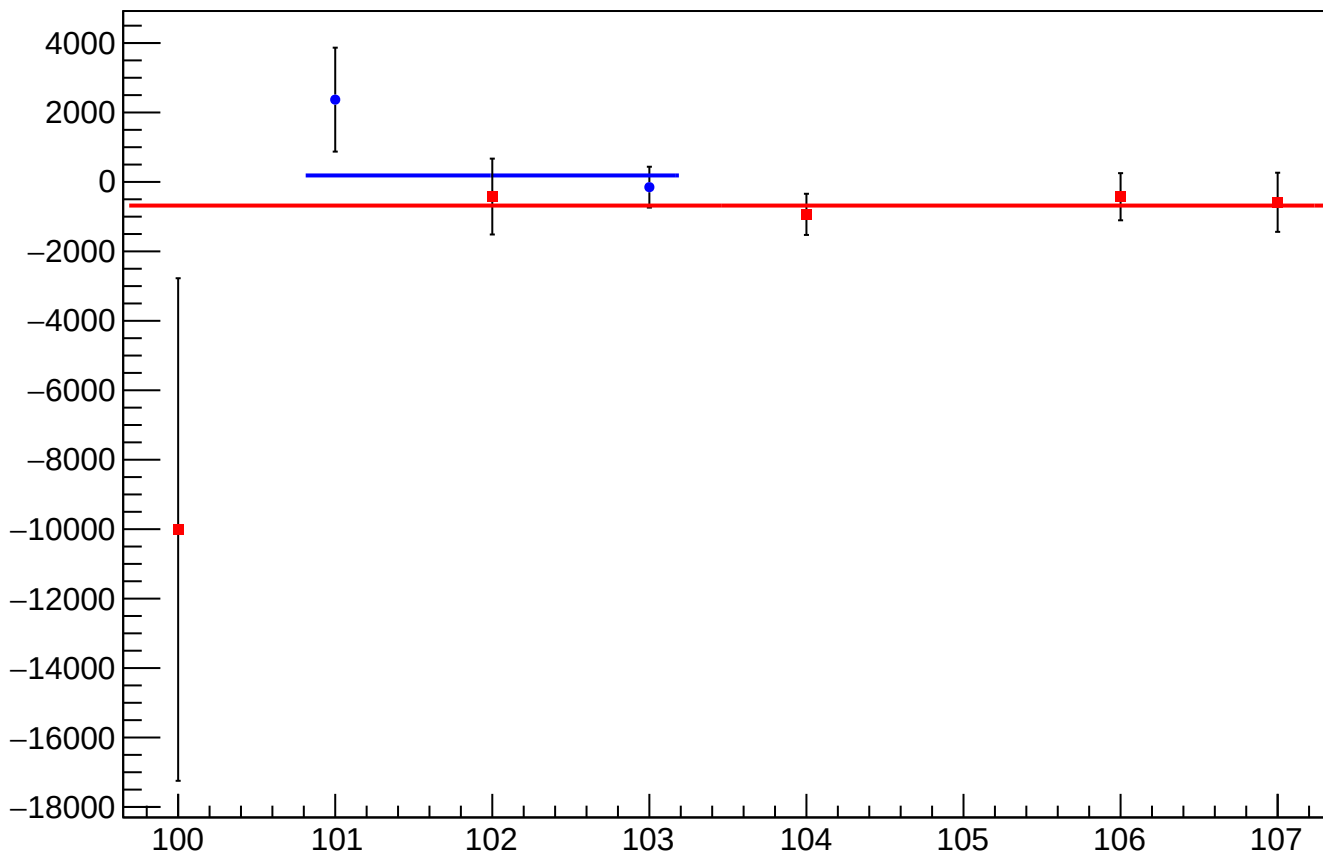
Right: 1283.645+/-0.571 χ^2/NDF : 533190.2/6

In: 1378.315+/-0.948 χ^2/NDF : 348581.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1283.645+/-0.571 χ^2/NDF : 533190.2/6

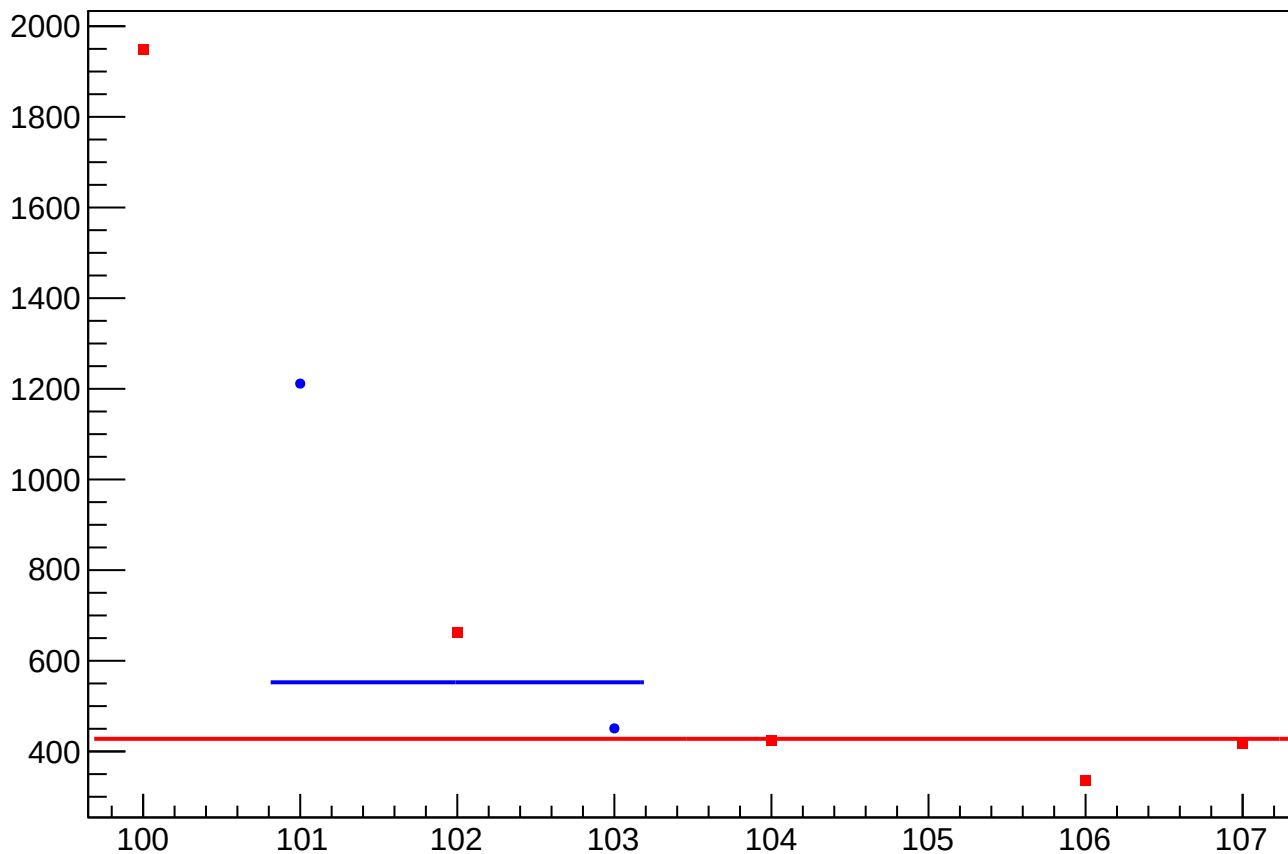
asym_us_dd_at2lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 186.480 ± 547.209 $\chi^2/\text{NDF}: 2.5/1$
 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: -407.213 ± 307.269 $\chi^2/\text{NDF}: 6.2/6$
 In: 186.480 ± 547.209 $\chi^2/\text{NDF}: 2.5/1$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -407.213 ± 307.269 $\chi^2/\text{NDF}: 6.2/6$

asym_us_dd_at2lr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 552.532+/-0.387 χ^2/NDF : 447508.7/1

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

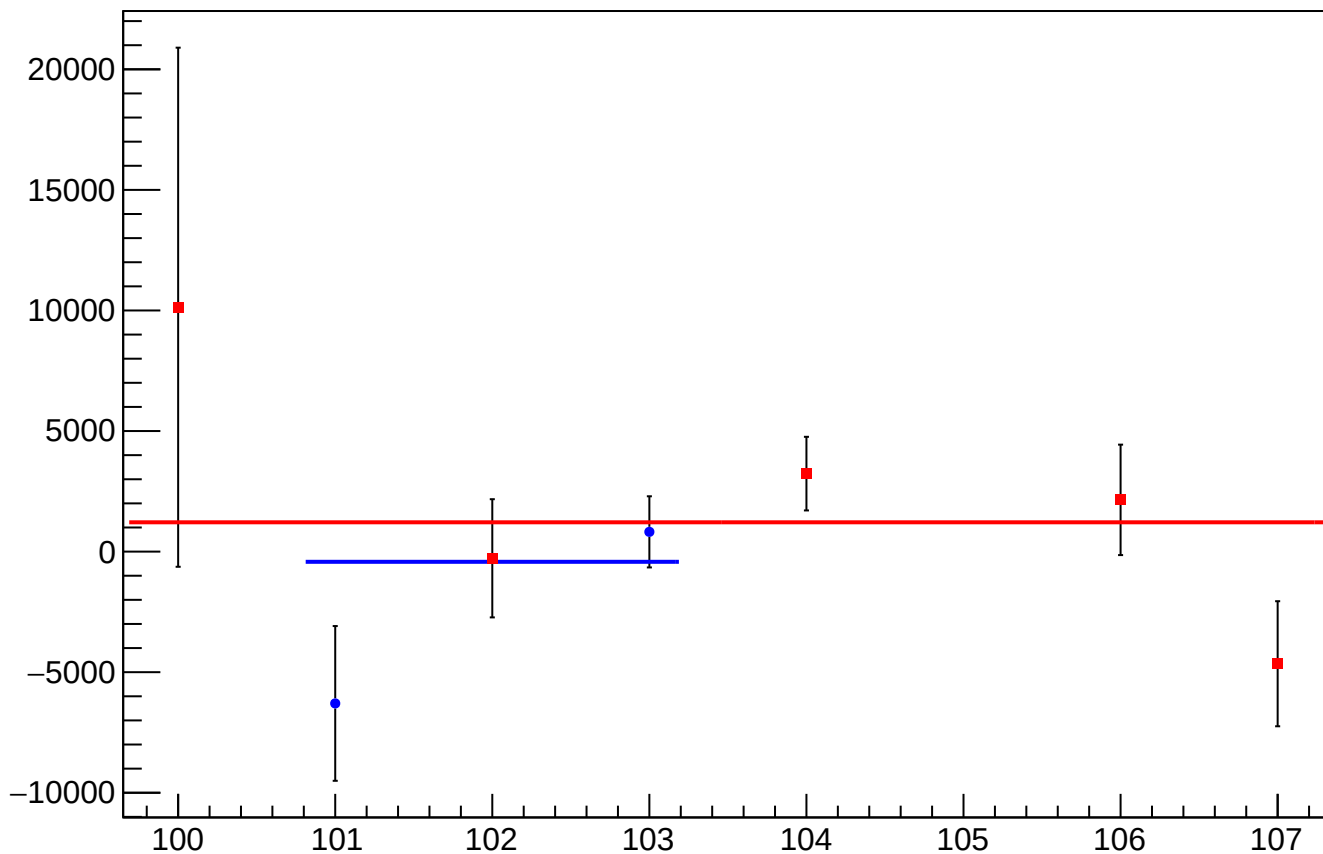
Right: 467.151+/-0.217 χ^2/NDF : 736942.6/6

In: 552.532+/-0.387 χ^2/NDF :447508.7/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 467.151+/-0.217 χ^2/NDF : 736942.6/6

cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -422.917+/-1340.509 χ^2/NDF : 4.1/1

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

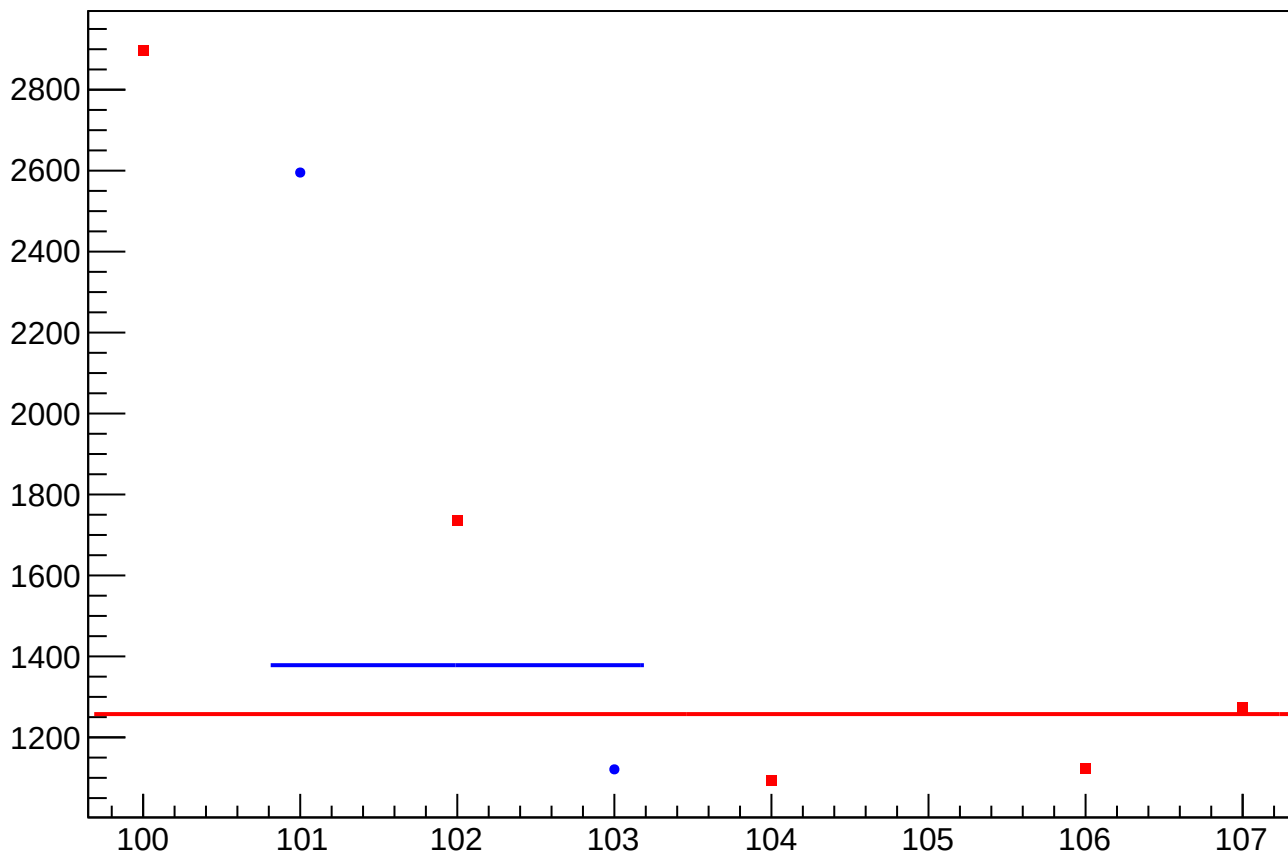
Right: 607.563+/-816.476 χ^2/NDF : 13.1/6

In: -422.917+/-1340.509 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 607.563+/-816.476 χ^2/NDF : 13.1/6

cor_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1378.314+/-0.948 χ^2/NDF : 348581.2/1

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

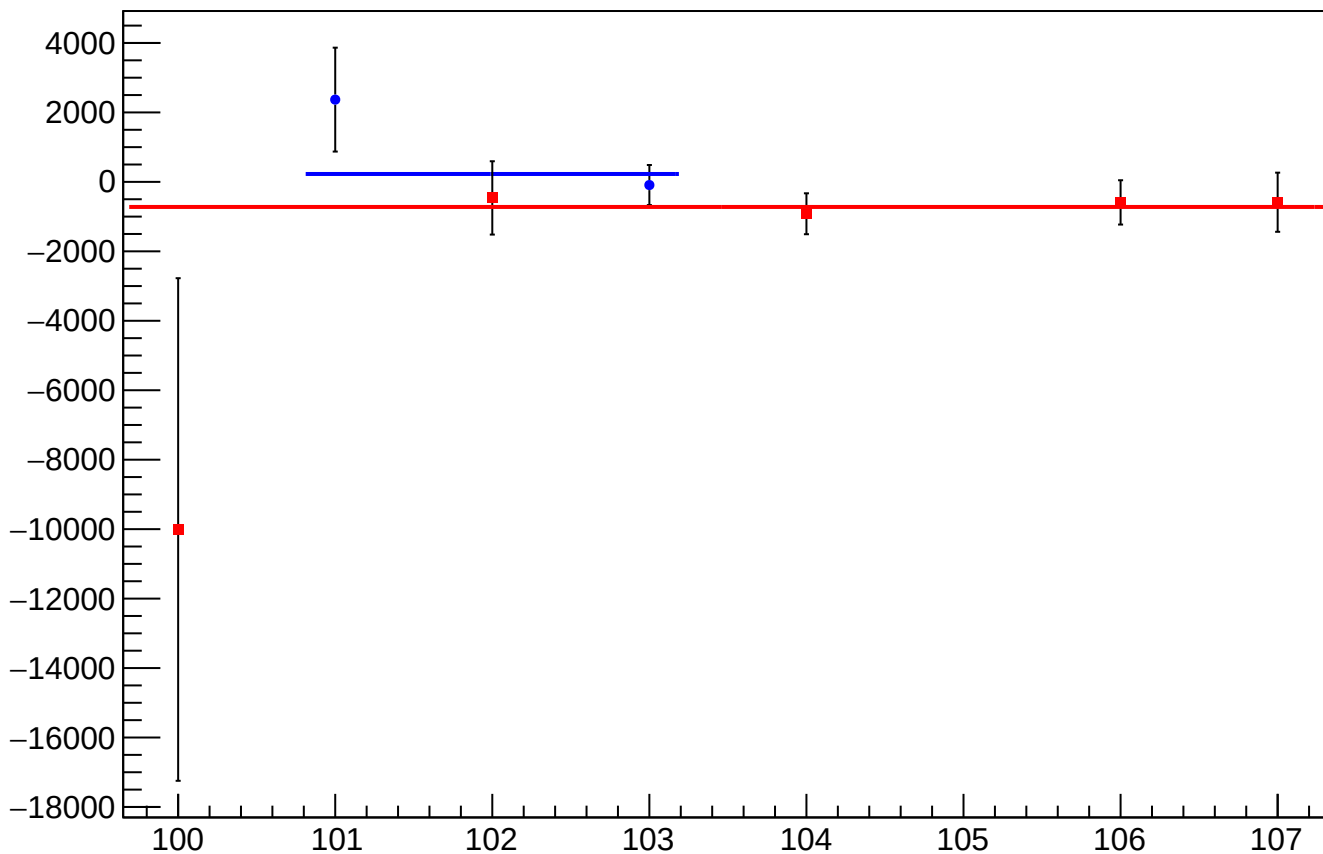
Right: 1302.320+/-0.577 χ^2/NDF : 511406.8/6

In: 1378.314+/-0.948 χ^2/NDF : 348581.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1302.320+/-0.577 χ^2/NDF : 511406.8/6

asym_us_dd_at2lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 227.410+/-538.173 χ^2/NDF : 2.4/1

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

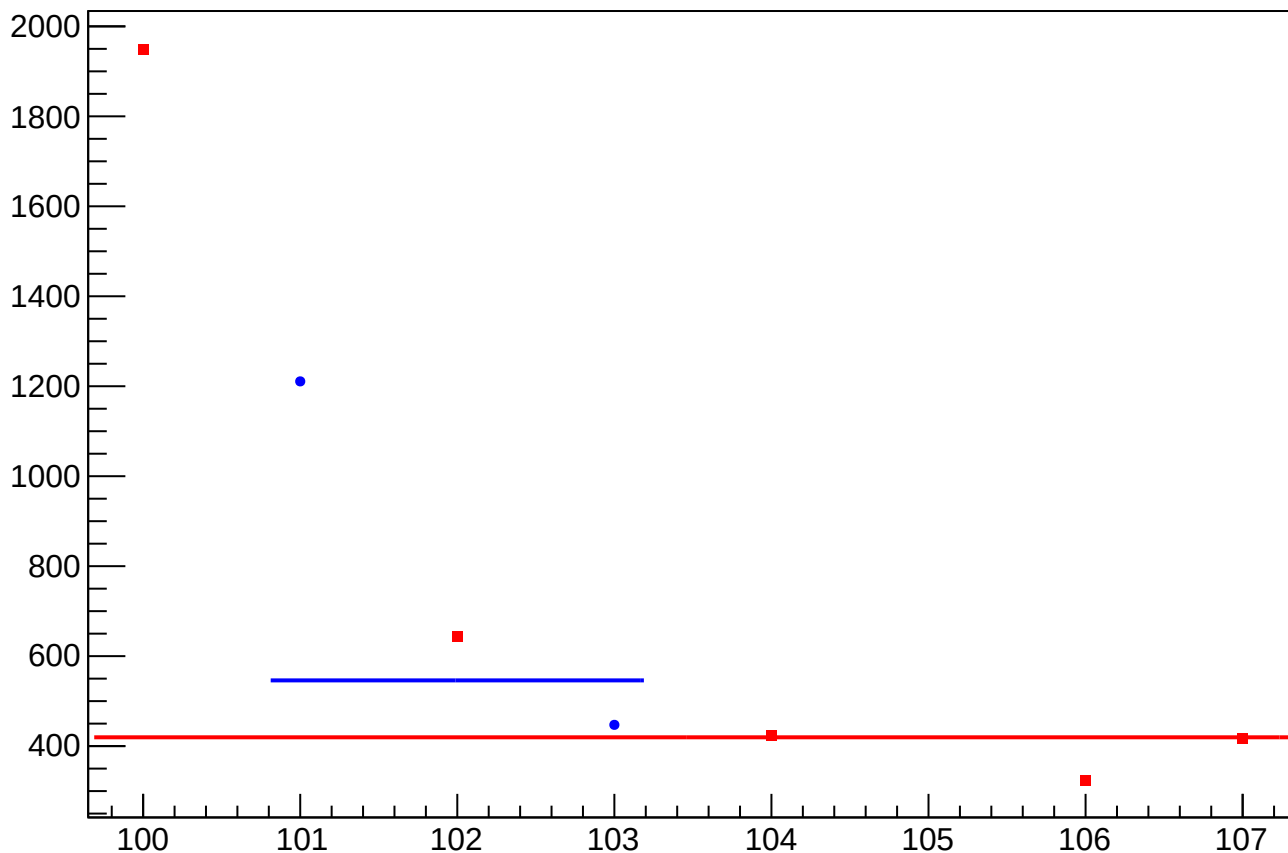
Right: -426.291+/-300.354 χ^2/NDF : 6.4/6

In: 227.410+/-538.173 χ^2/NDF : 2.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -426.291+/-300.354 χ^2/NDF : 6.4/6

asym_us_dd_at2lr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 546.095+/-0.381 χ^2/NDF : 453626.7/1

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

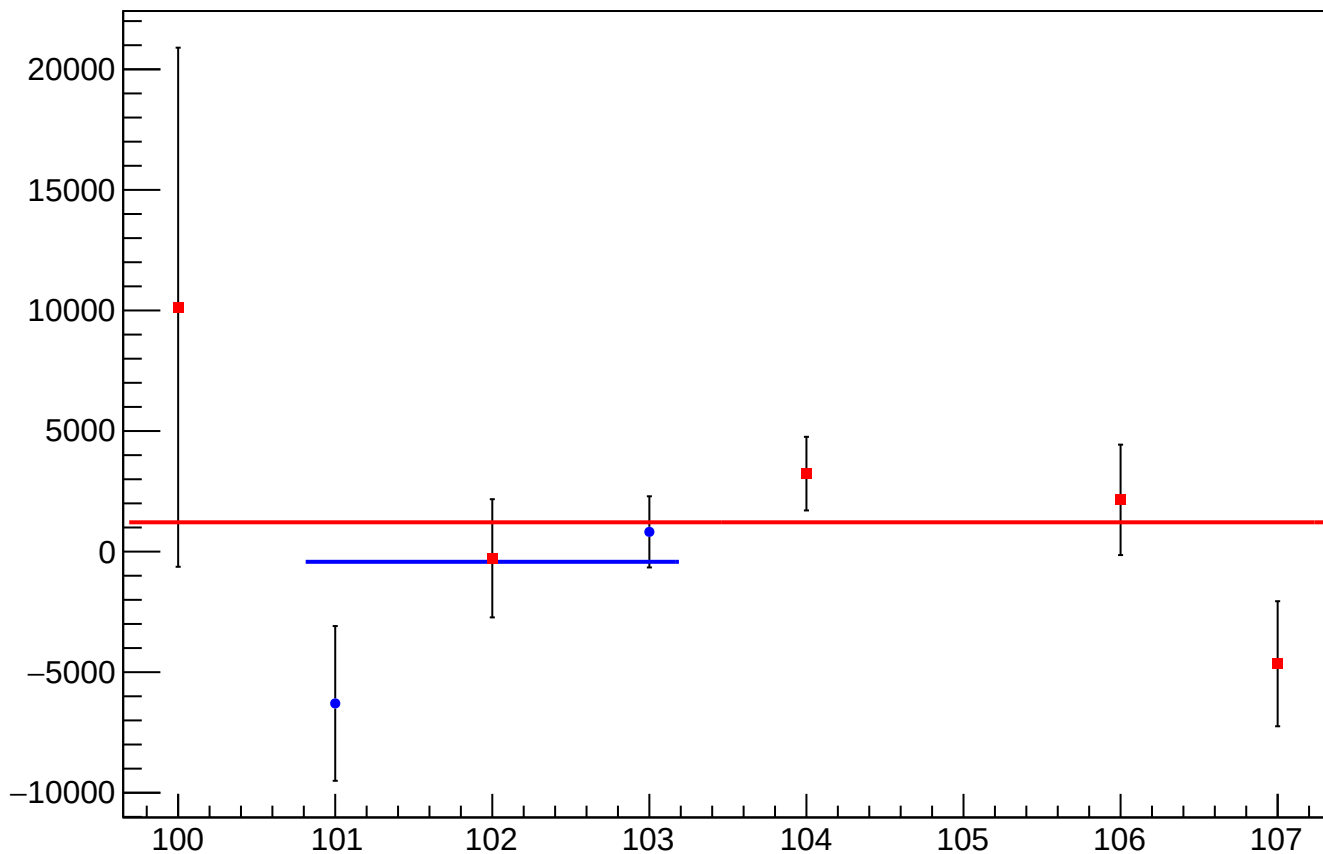
Right: 458.980+/-0.212 χ^2/NDF : 754009.2/6

In: 546.095+/-0.381 χ^2/NDF : 453626.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 458.980+/-0.212 χ^2/NDF : 754009.2/6

eigen_cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -422.917+/-1340.509 χ^2/NDF : 4.1/1

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

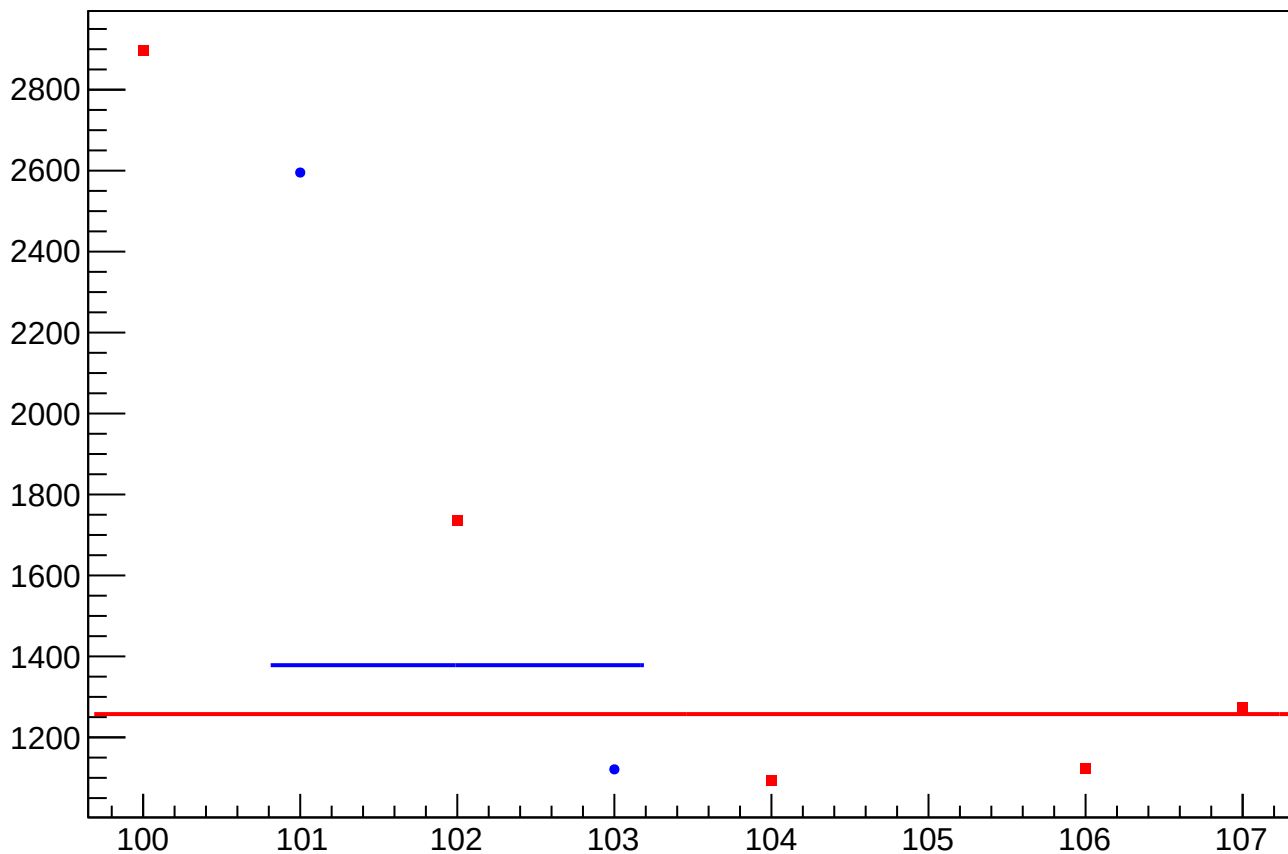
Right: 607.563+/-816.476 χ^2/NDF : 13.1/6

In: -422.917+/-1340.509 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 607.563+/-816.476 χ^2/NDF : 13.1/6

eigen_cor_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1378.314+/-0.948 χ^2/NDF : 348581.2/1

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

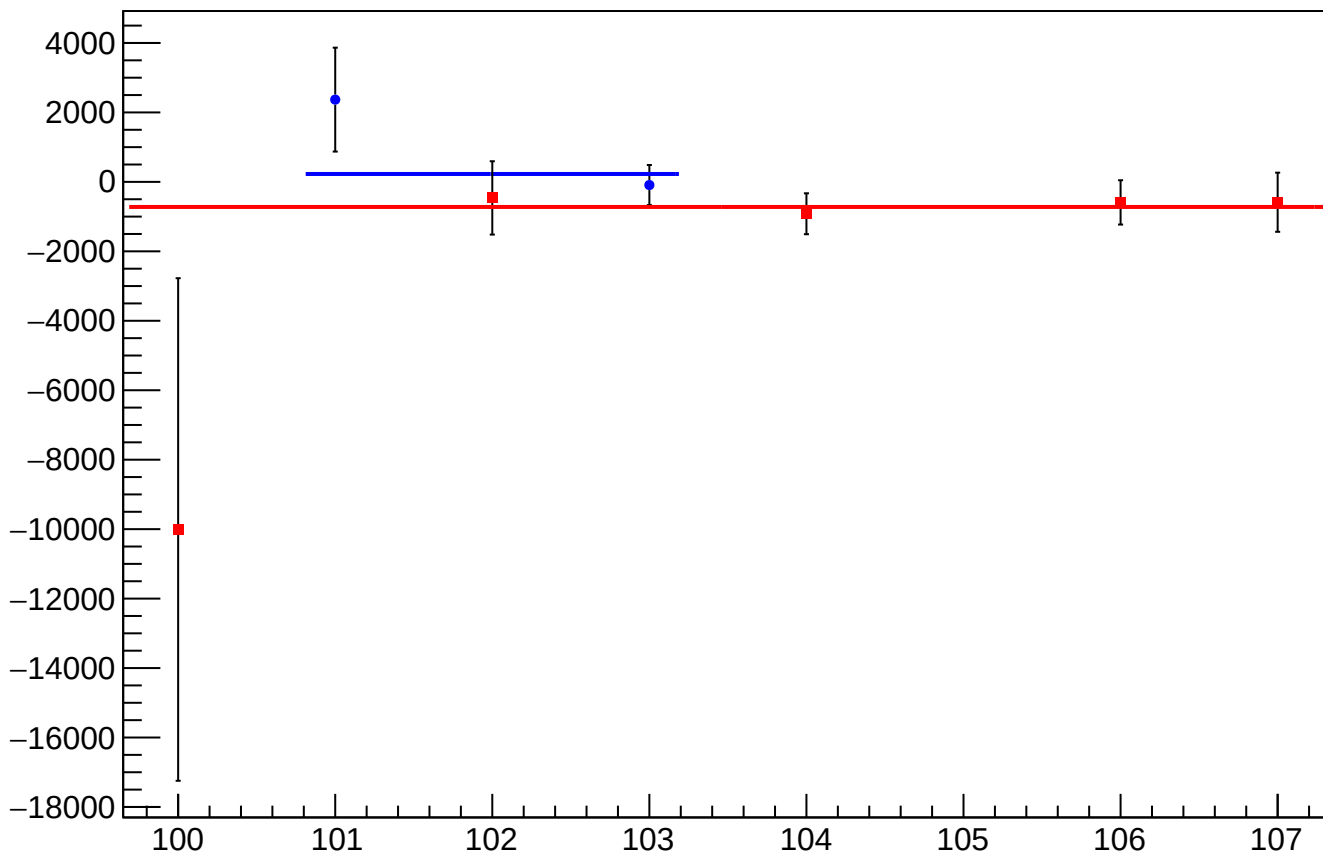
Right: 1302.320+/-0.577 χ^2/NDF : 511406.8/6

In: 1378.314+/-0.948 χ^2/NDF : 348581.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1302.320+/-0.577 χ^2/NDF : 511406.8/6

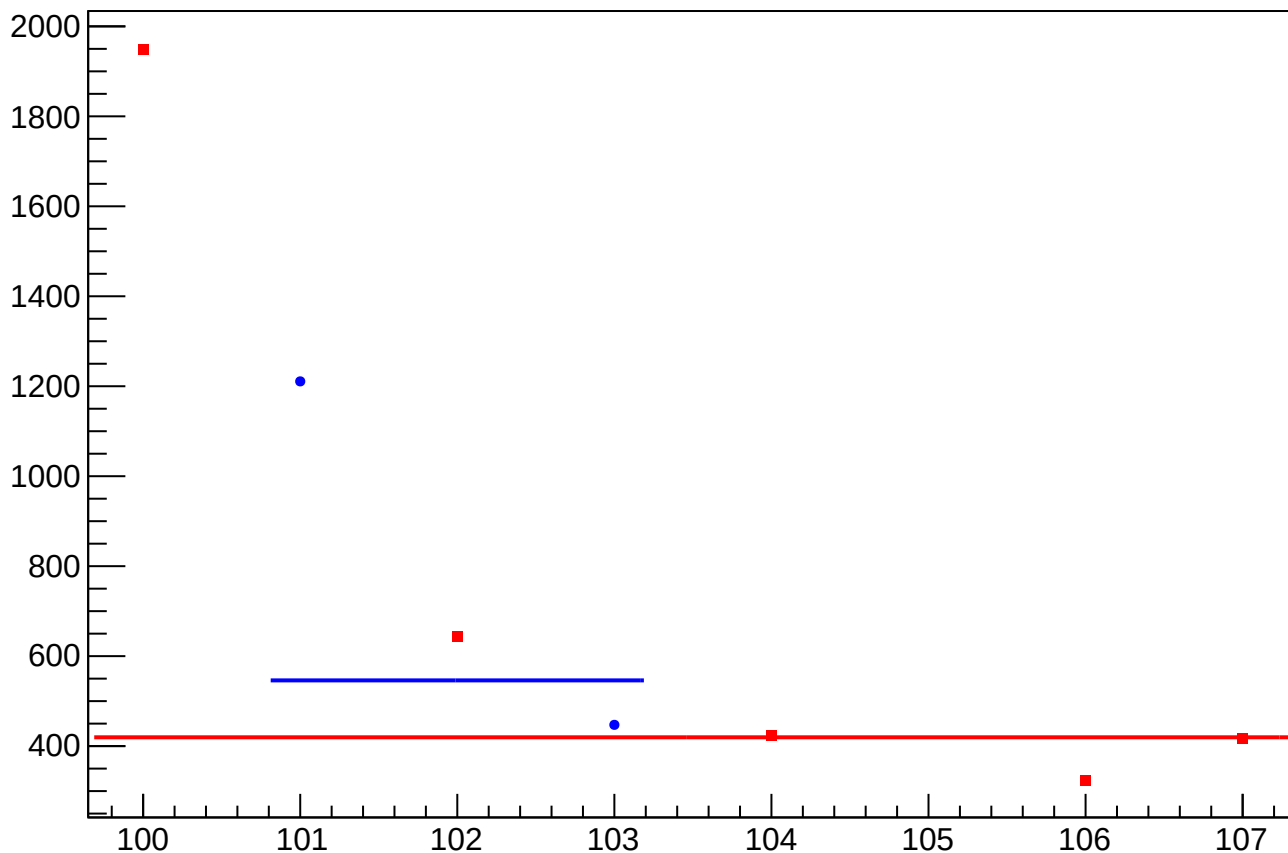
asym_us_dd_at2lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 227.410+/-538.173 χ^2/NDF : 2.4/1
 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: -426.291+/-300.354 χ^2/NDF : 6.4/6
 In: 227.410+/-538.173 χ^2/NDF : 2.4/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -426.291+/-300.354 χ^2/NDF : 6.4/6

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 546.095+/-0.381 χ^2/NDF : 453626.7/1

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

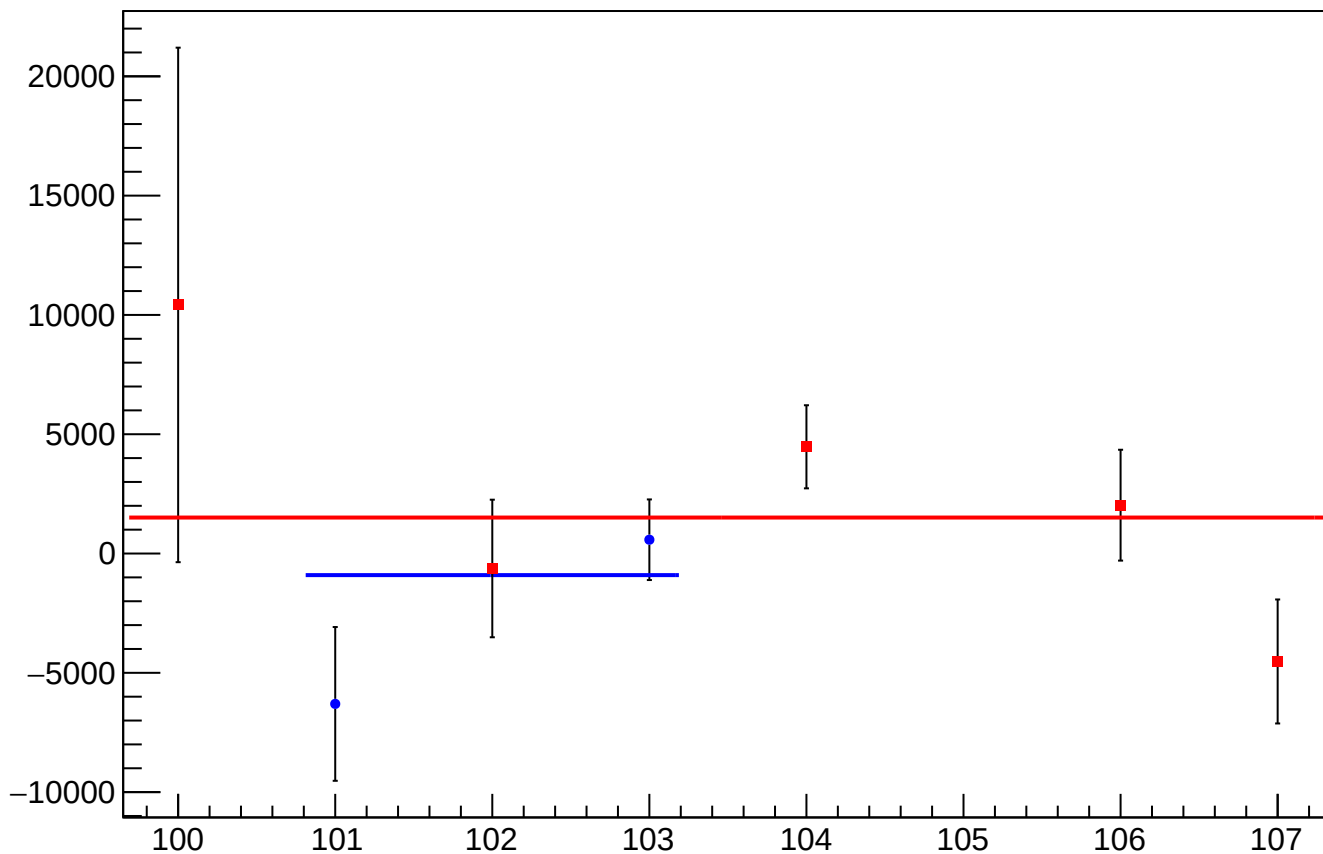
Right: 458.980+/-0.212 χ^2/NDF : 754009.2/6

In: 546.095+/-0.381 χ^2/NDF : 453626.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 458.980+/-0.212 χ^2/NDF : 754009.2/6

dit_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -904.795+/-1496.070 χ^2/NDF : 3.6/1

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

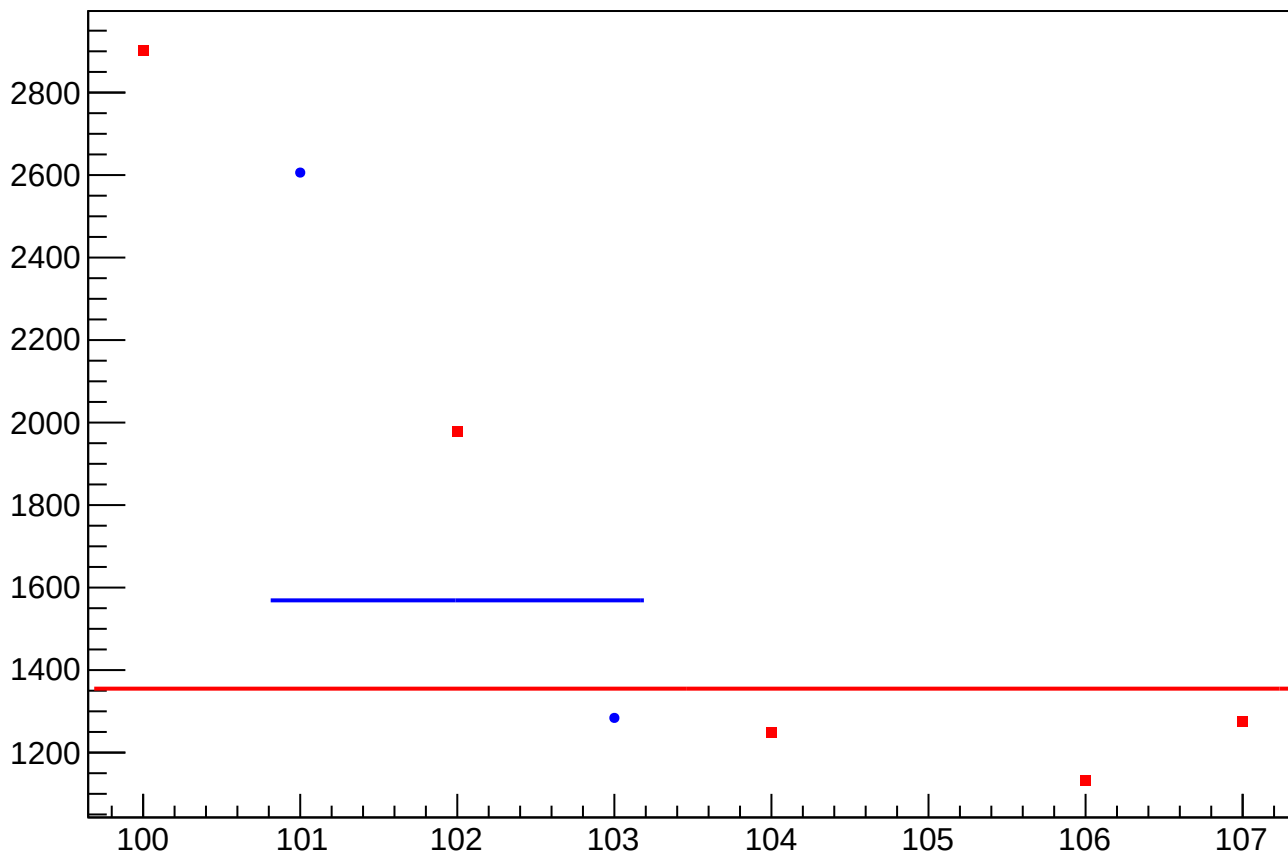
Right: 637.816+/-898.460 χ^2/NDF : 14.8/6

In: -904.795+/-1496.070 χ^2/NDF : 3.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 637.816+/-898.460 χ^2/NDF : 14.8/6

dit_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1569.020+/-1.058 χ^2/NDF : 264017.2/1

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

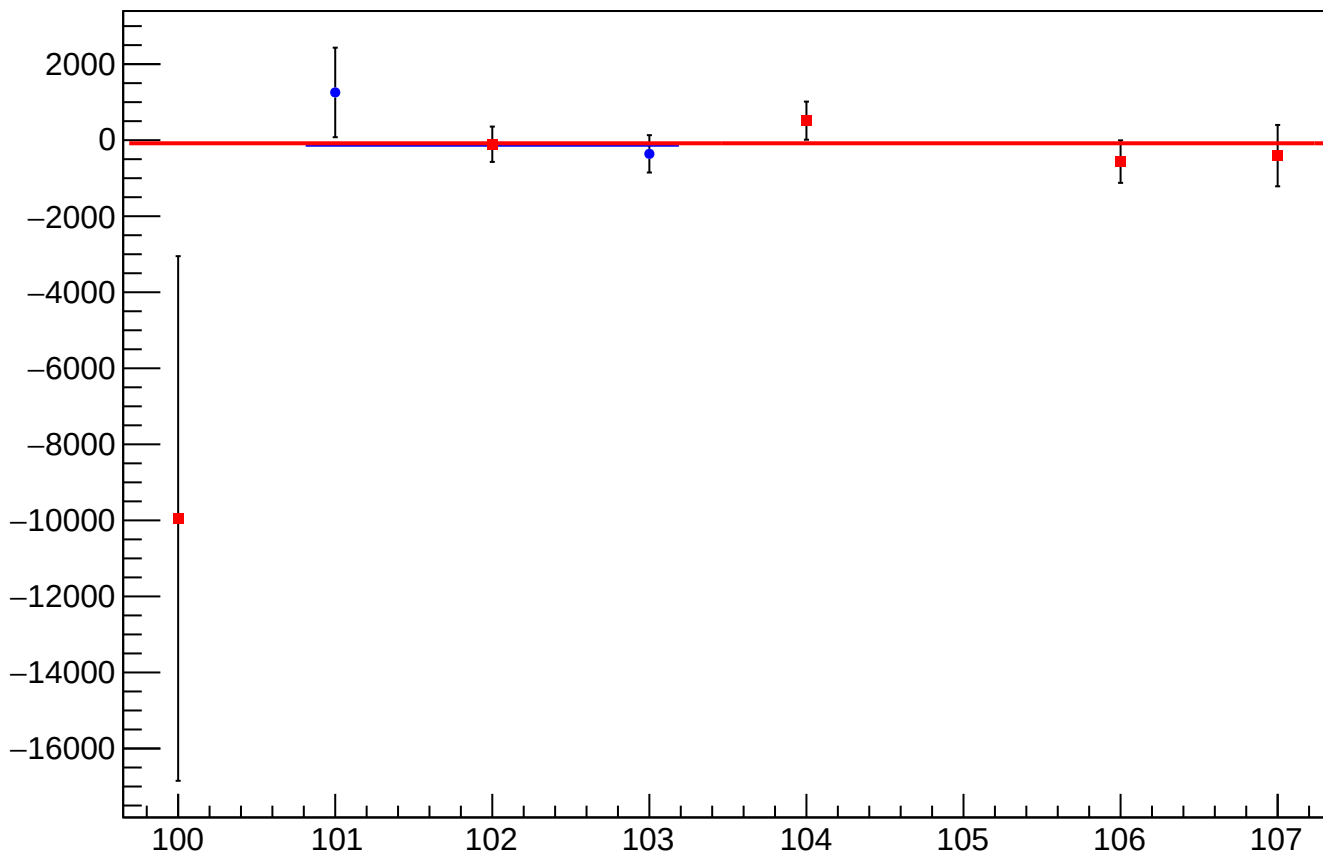
Right: 1432.179+/-0.635 χ^2/NDF : 452337.1/6

In: 1569.020+/-1.058 χ^2/NDF : 264017.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1432.179+/-0.635 χ^2/NDF : 452337.1/6

asym_us_dd_at2lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -120.104+/-453.449 χ^2 /NDF: 1.6/1

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

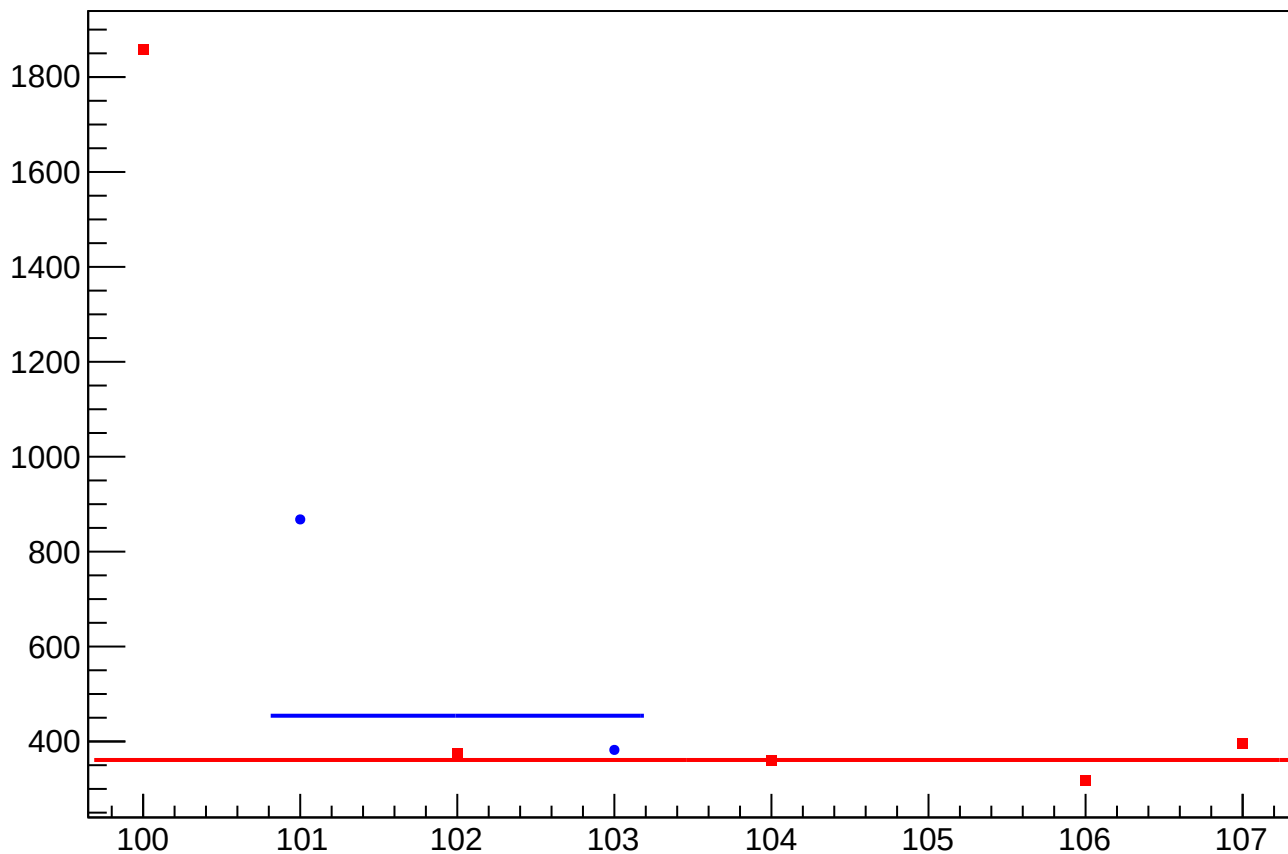
Right: -91.950+/-234.199 χ^2 /NDF: 6.0/6

In: -120.104+/-453.449 χ^2 /NDF:1.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -91.950+/-234.199 χ^2 /NDF: 6.0/6

asym_us_dd_at2lr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 454.229+/-0.321 χ^2/NDF : 289791.8/1

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

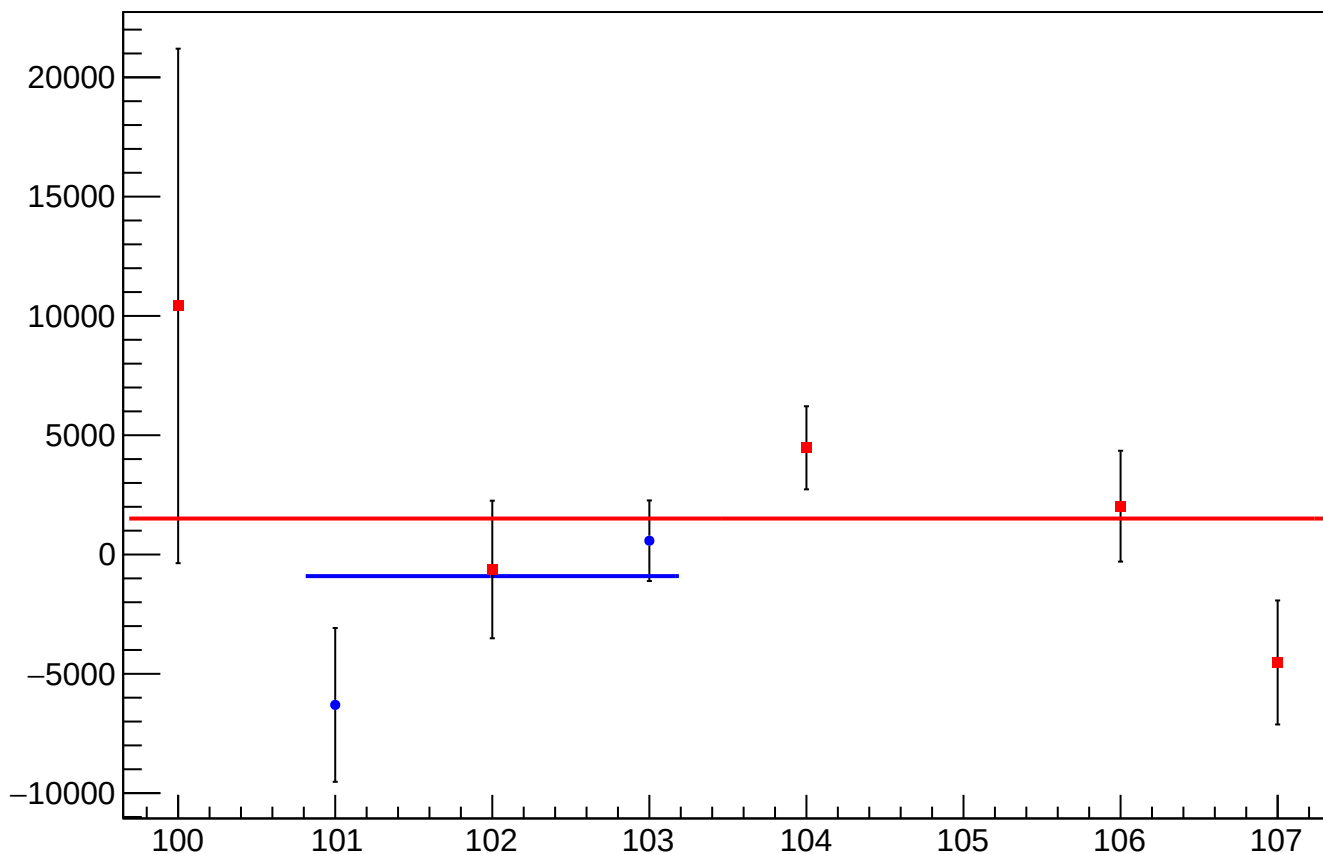
Right: 385.849+/-0.166 χ^2/NDF : 463251.4/6

In: 454.229+/-0.321 χ^2/NDF : 289791.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 385.849+/-0.166 χ^2/NDF : 463251.4/6

eigen_dit_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -904.802+/-1496.070 χ^2/NDF : 3.6/1

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

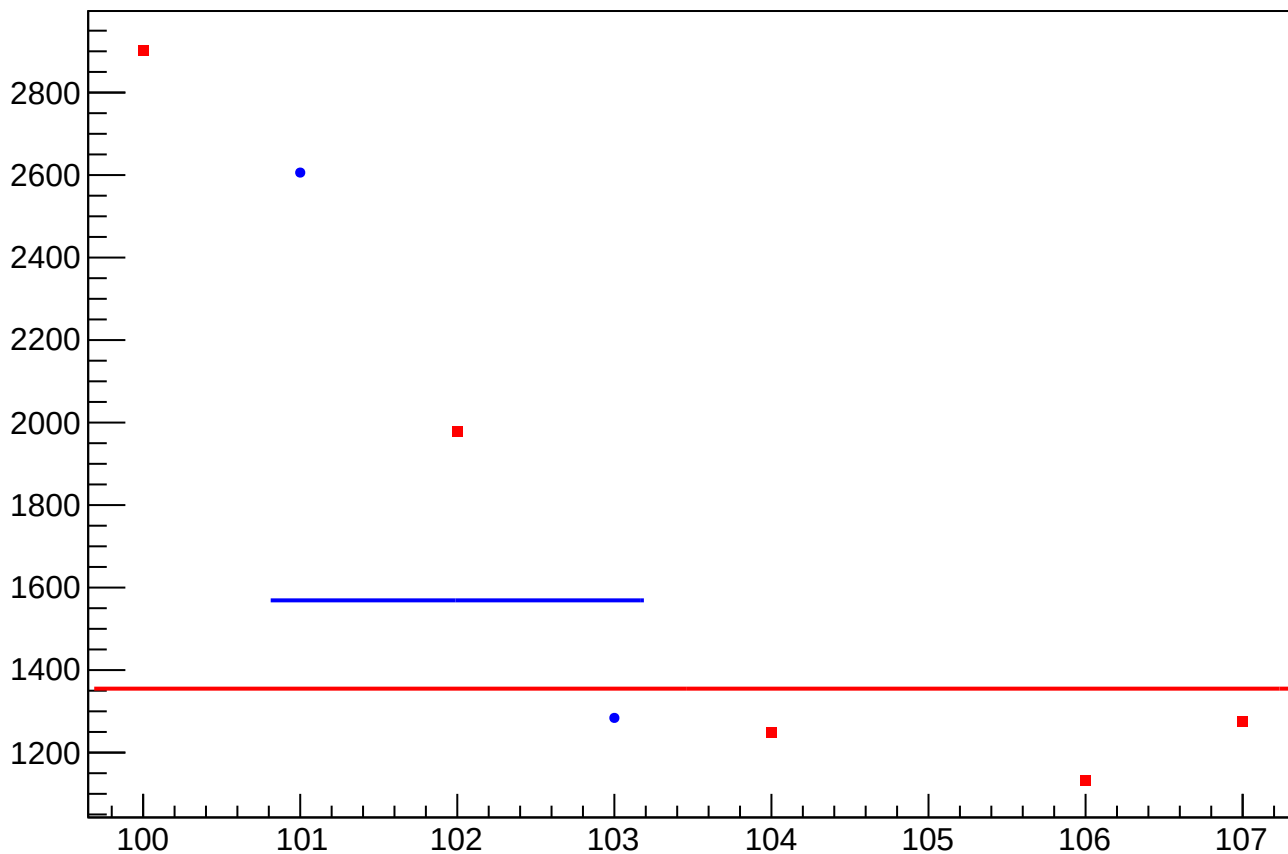
Right: 637.818+/-898.460 χ^2/NDF : 14.8/6

In: -904.802+/-1496.070 χ^2/NDF : 3.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 637.818+/-898.460 χ^2/NDF : 14.8/6

eigen_dit_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1569.020+/-1.058 χ^2/NDF : 264017.3/1

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

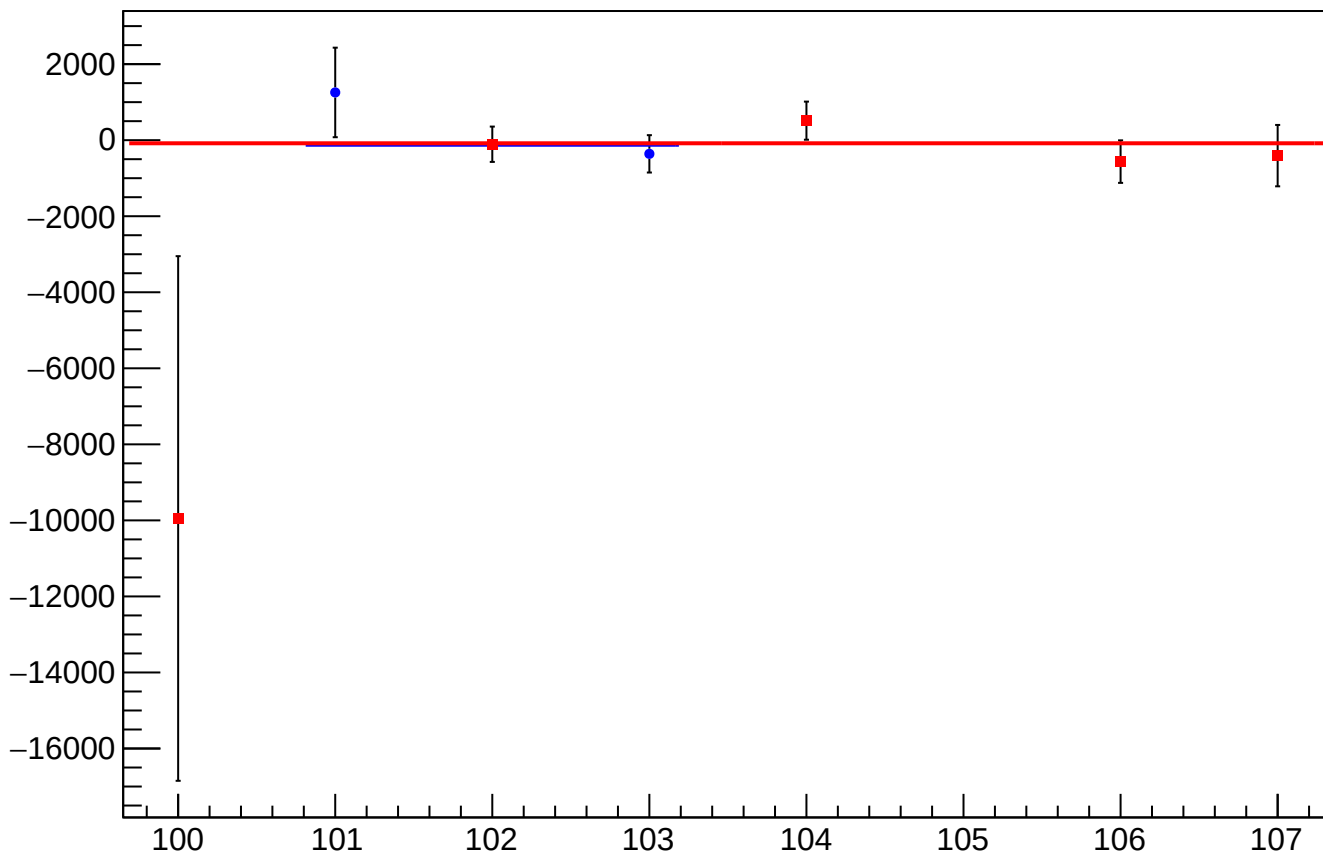
Right: 1432.178+/-0.635 χ^2/NDF : 452337.2/6

In: 1569.020+/-1.058 χ^2/NDF : 264017.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1432.178+/-0.635 χ^2/NDF : 452337.2/6

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -120.103+/-453.447 χ^2/NDF : 1.6/1

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

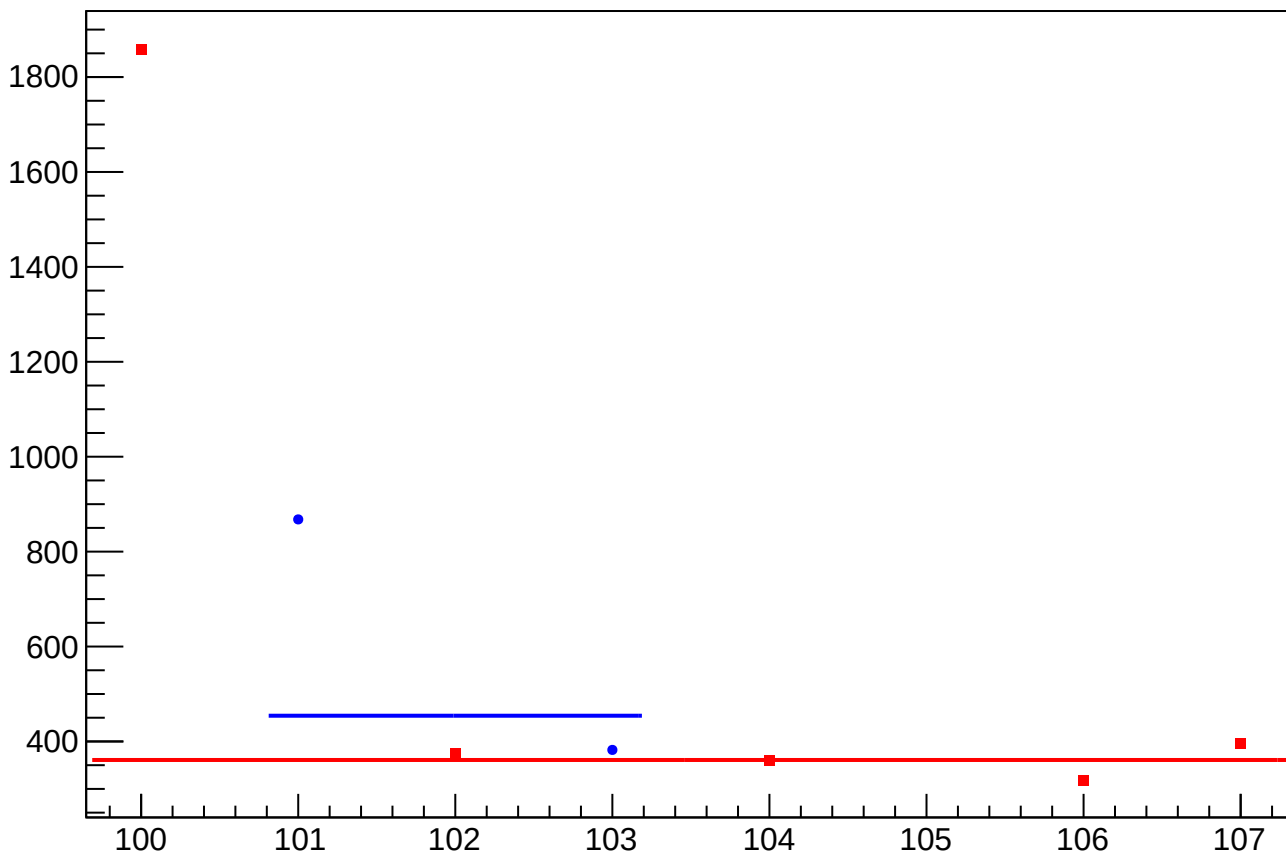
Right: -91.951+/-234.197 χ^2/NDF : 6.0/6

In: -120.103+/-453.447 χ^2/NDF : 1.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -91.951+/-234.197 χ^2/NDF : 6.0/6

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 454.227+/-0.321 χ^2/NDF : 289791.1/1

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

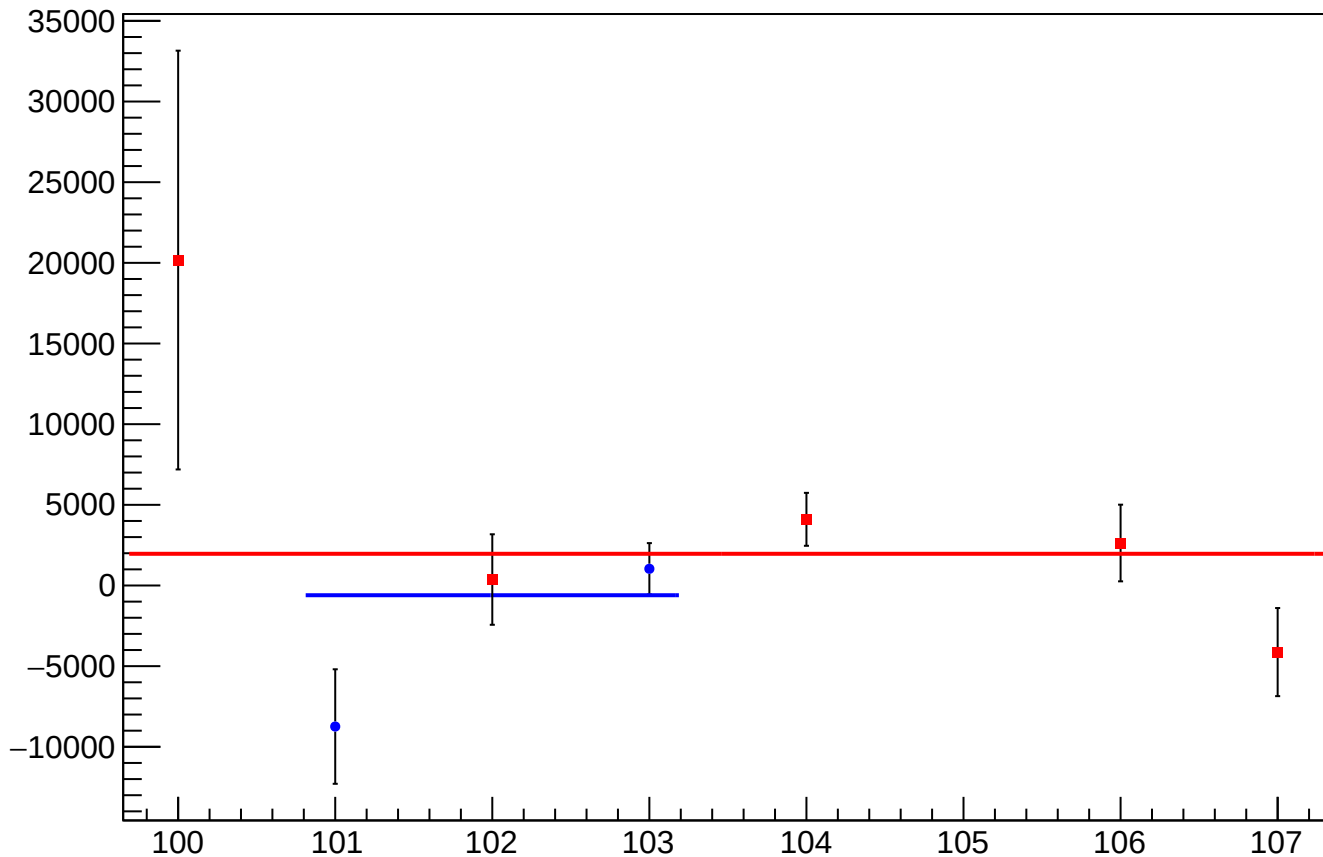
Right: 385.846+/-0.166 χ^2/NDF : 463261.6/6

In: 454.227+/-0.321 χ^2/NDF : 289791.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 385.846+/-0.166 χ^2/NDF : 463261.6/6

asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -603.412+/-1452.839 χ^2/NDF : 6.3/1

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

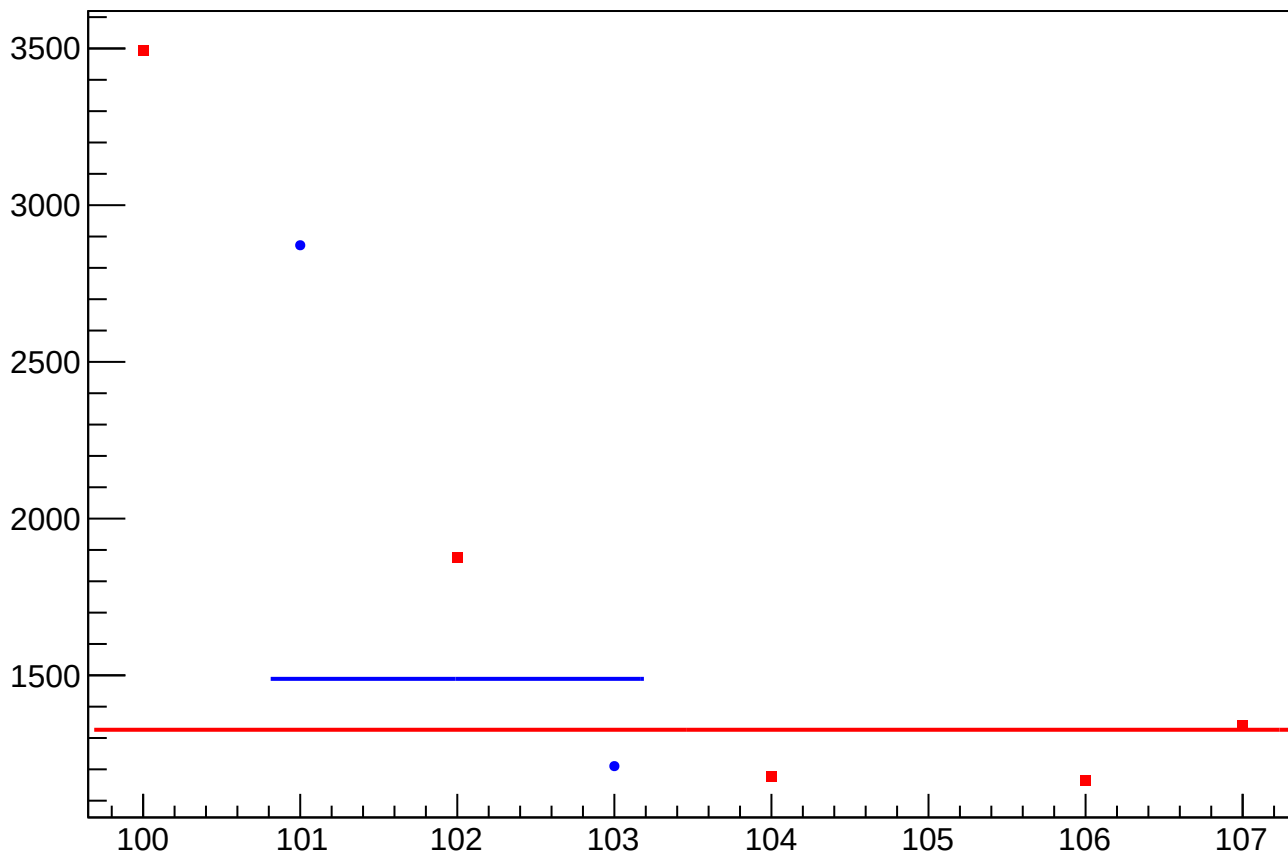
Right: 1021.441+/-880.646 χ^2/NDF : 17.3/6

In: -603.412+/-1452.839 χ^2/NDF : 6.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1021.441+/-880.646 χ^2/NDF : 17.3/6

asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1488.716+/-1.027 χ^2/NDF : 365001.3/1

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

Right Out: 1326.264+/-0.783 χ^2/NDF : 158299.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

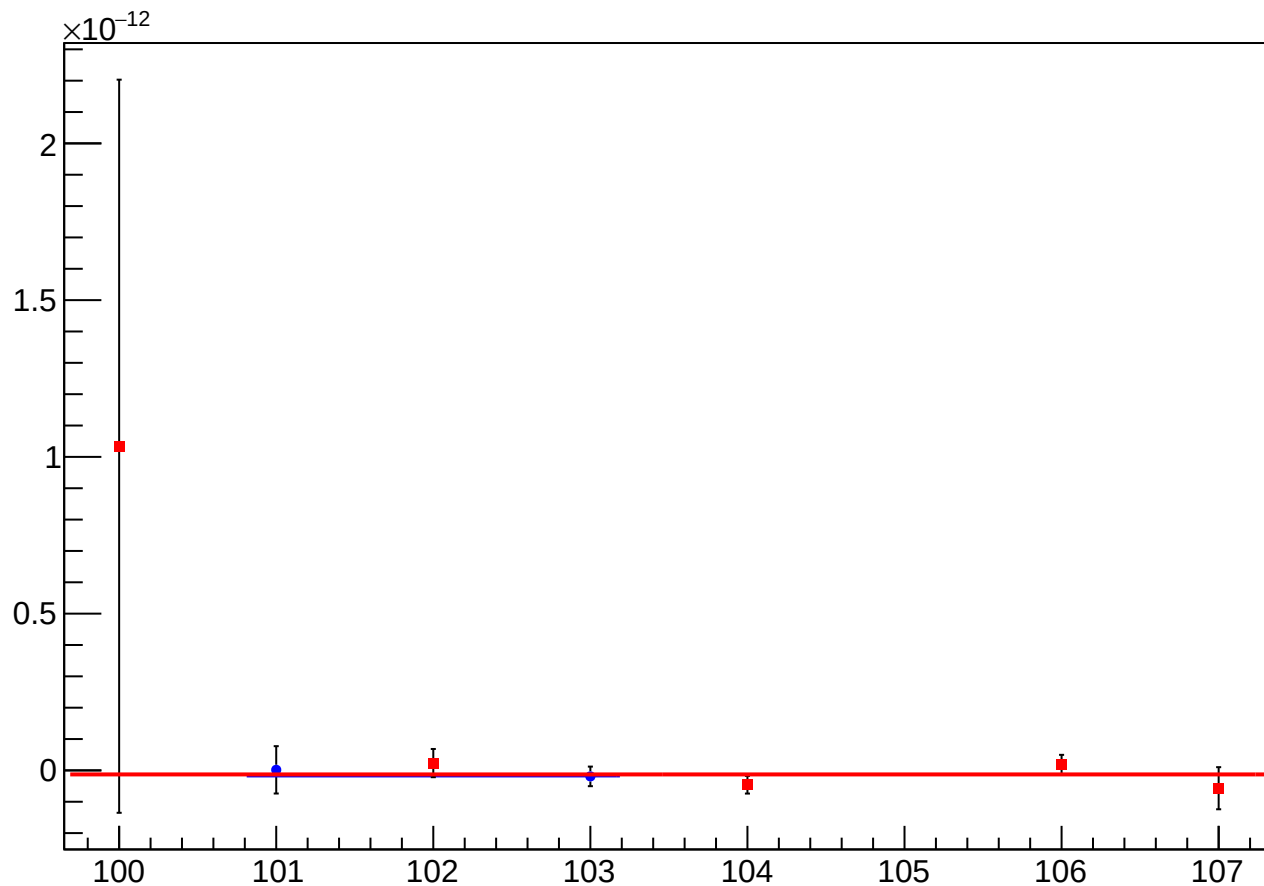
Right: 1385.952+/-0.623 χ^2/NDF : 539119.1/6

In: 1488.716+/-1.027 χ^2/NDF : 365001.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1385.952+/-0.623 χ^2/NDF : 539119.1/6

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/1

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

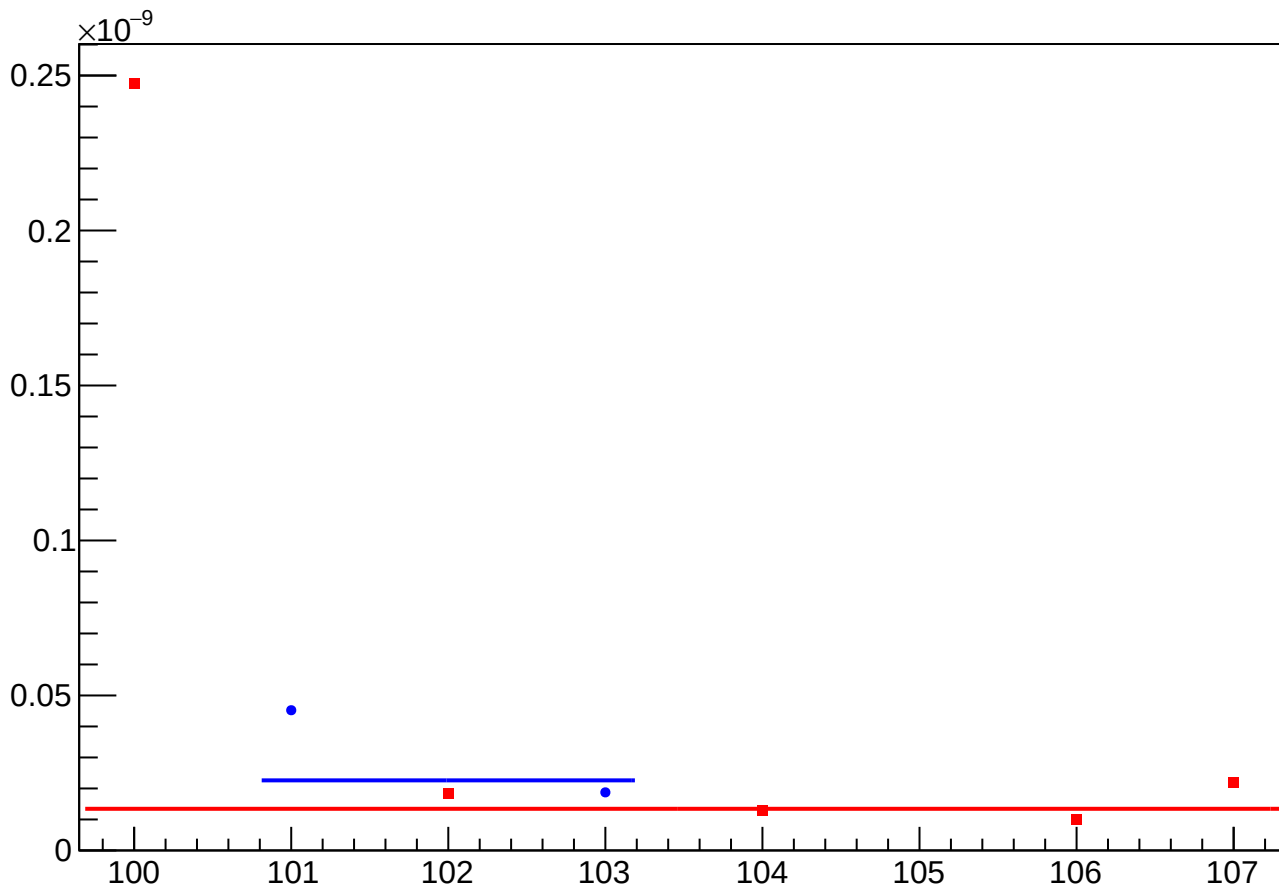
Right: -0.000+/-0.000 χ^2/NDF : 4.4/6

In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.4/6

asym_us_dd_at2lr_dd_dd_reg_vs_Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 210332.1/1

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

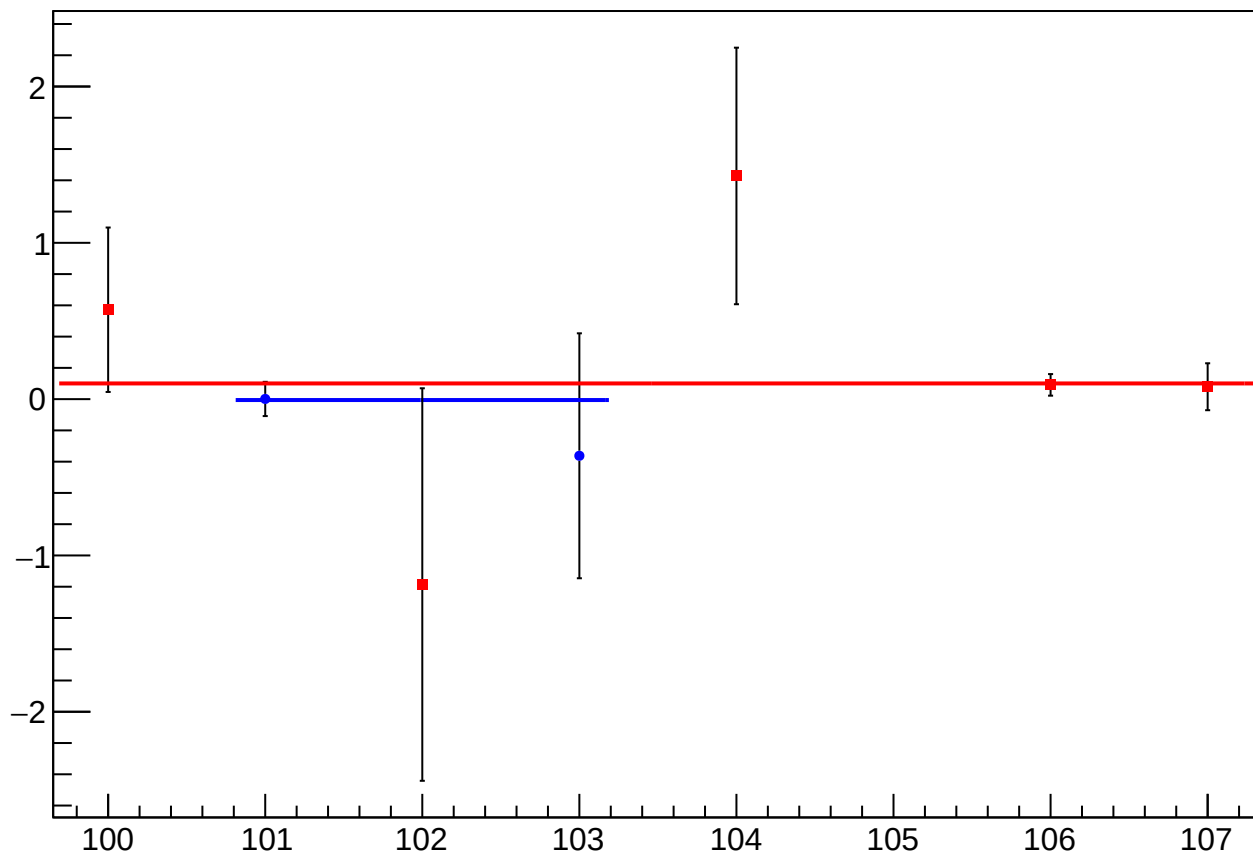
Right: 0.000+/-0.000 χ^2/NDF : 520329.4/6

In: 0.000+/-0.000 χ^2/NDF : 210332.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 520329.4/6

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.108 χ^2 /NDF: 0.2/1

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

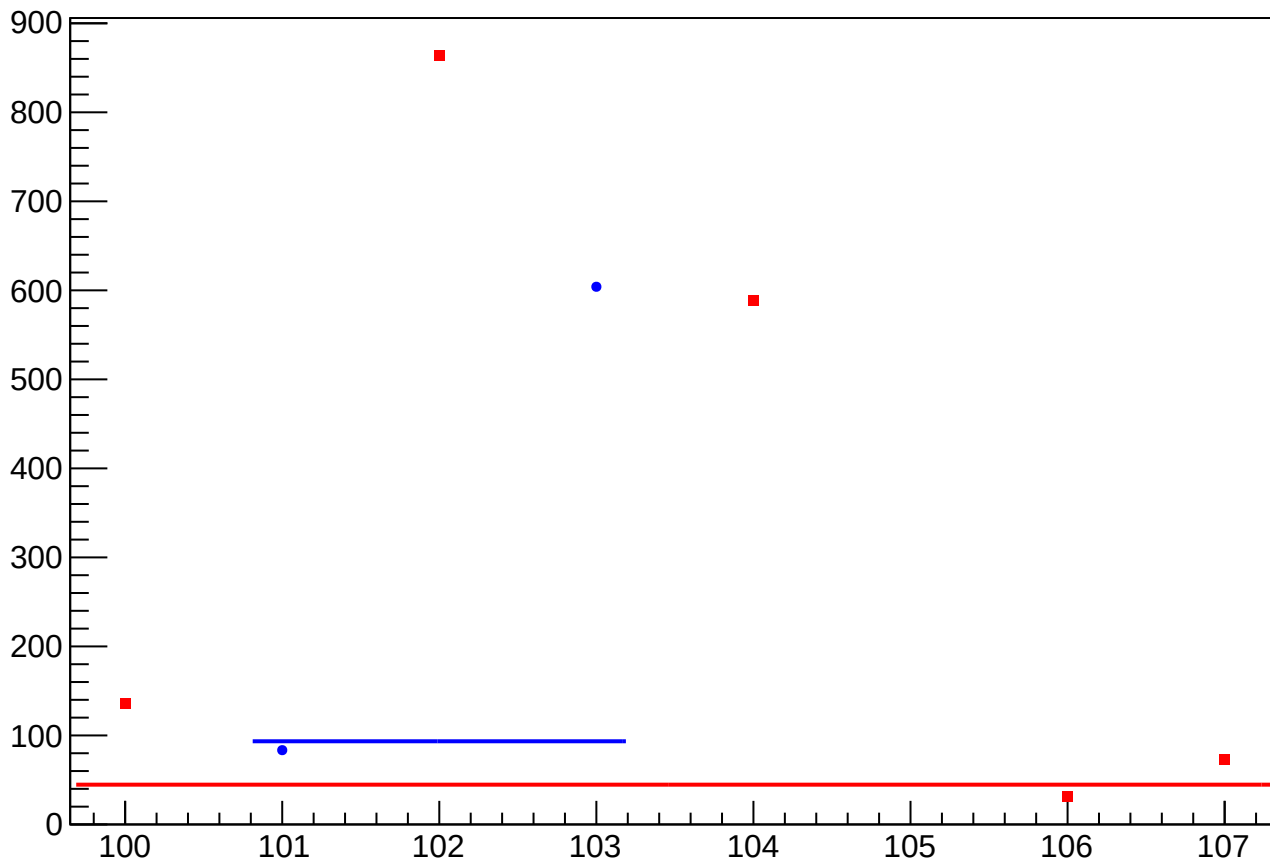
Right: 0.074 $\pm$ 0.054 χ^2 /NDF: 5.4/6

In: -0.006 $\pm$ 0.108 χ^2 /NDF:0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.074 $\pm$ 0.054 χ^2 /NDF: 5.4/6

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 93.442 $\pm$ 0.077 χ^2 /NDF: 865904.5/1

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

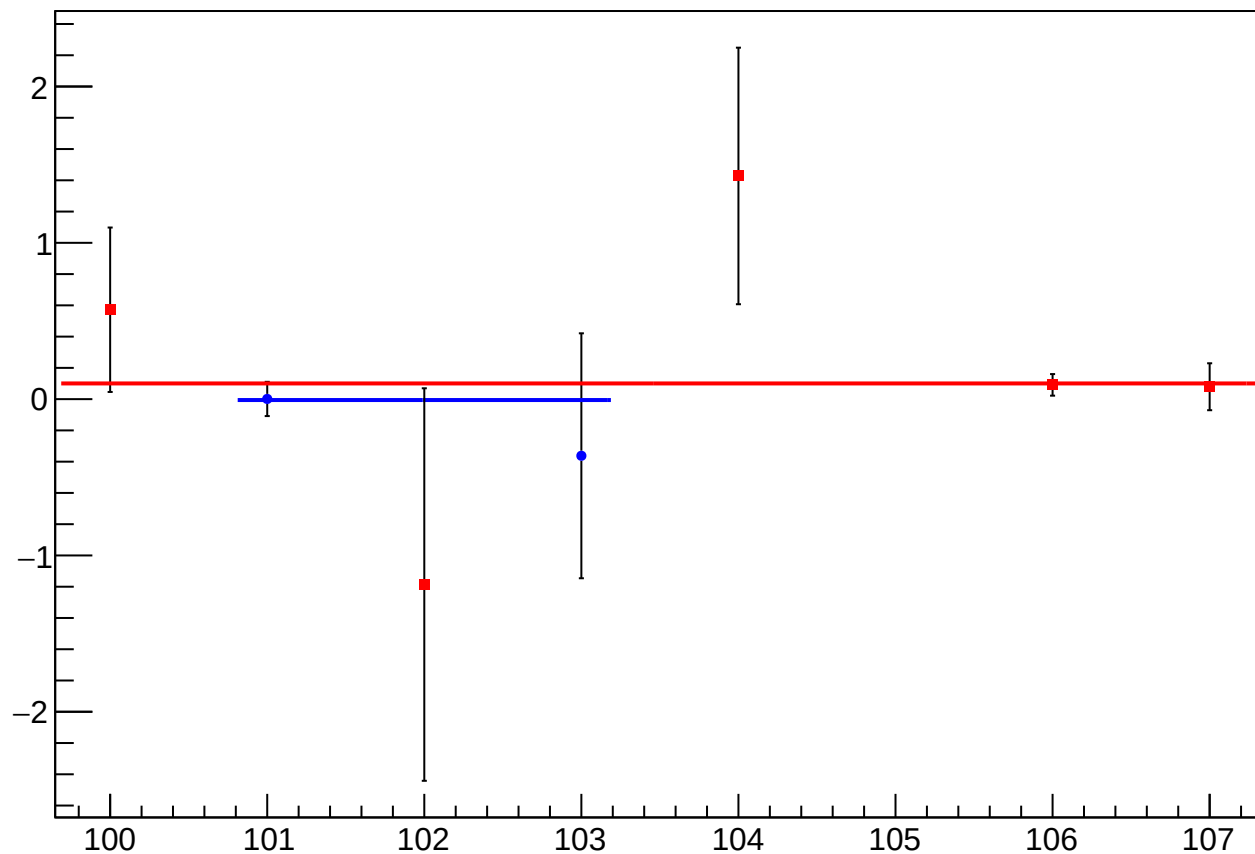
Right: 56.707 $\pm$ 0.038 χ^2 /NDF: 3107272.7/6

In: 93.442 $\pm$ 0.077 χ^2 /NDF:865904.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 56.707 $\pm$ 0.038 χ^2 /NDF: 3107272.7/6

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 ± 0.108 $\chi^2/\text{NDF}: 0.2/1$

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

Right Out: 0.100 ± 0.062 $\chi^2/\text{NDF}: 4.5/4$

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

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

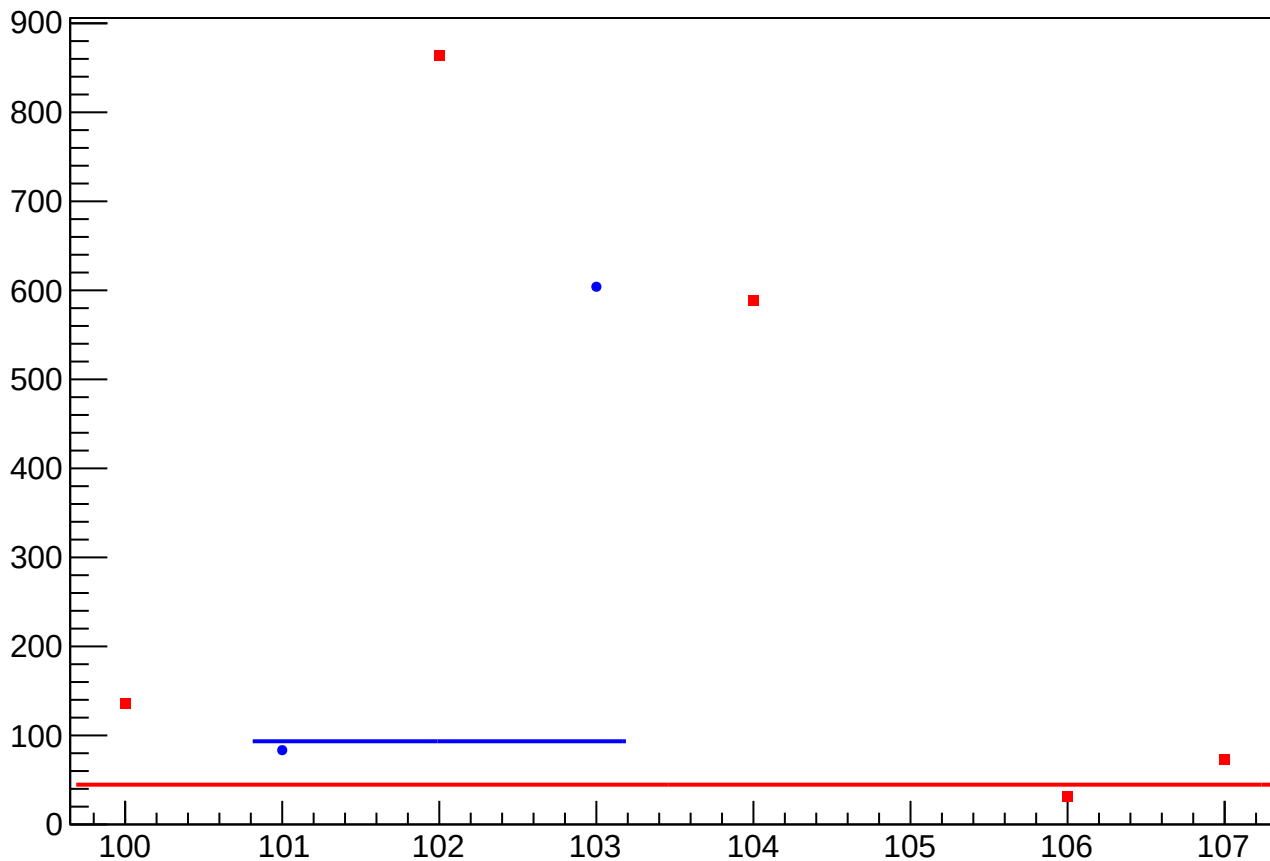
Right: 0.074 ± 0.054 $\chi^2/\text{NDF}: 5.4/6$

In: -0.006 ± 0.108 $\chi^2/\text{NDF}: 0.2/1$

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

All: 0.074 ± 0.054 $\chi^2/\text{NDF}: 5.4/6$

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 93.442 $\pm$ 0.077 χ^2 /NDF: 865904.5/1

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

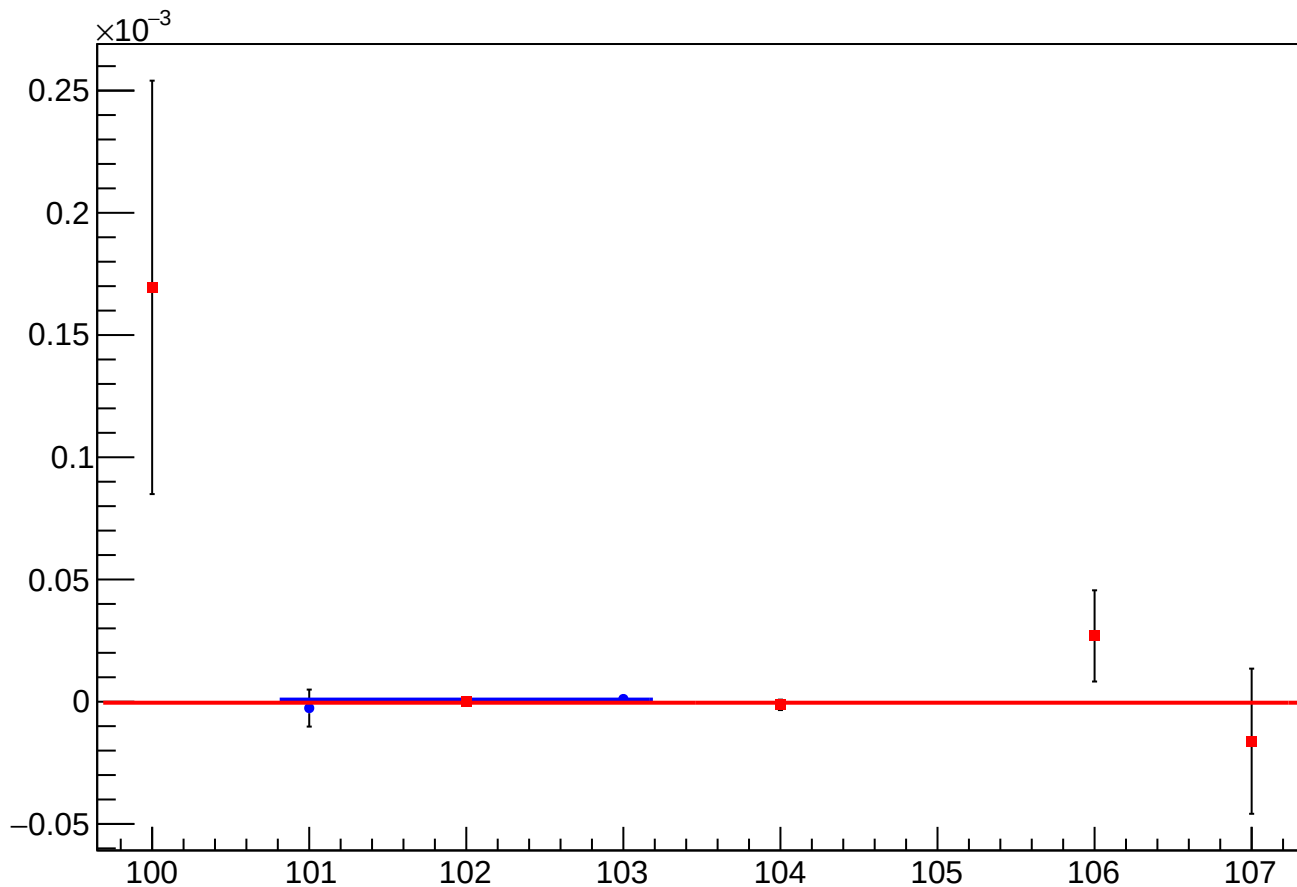
Right: 56.707 $\pm$ 0.038 χ^2 /NDF: 3107272.7/6

In: 93.442 $\pm$ 0.077 χ^2 /NDF:865904.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 56.707 $\pm$ 0.038 χ^2 /NDF: 3107272.7/6

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 : 0.2/1

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

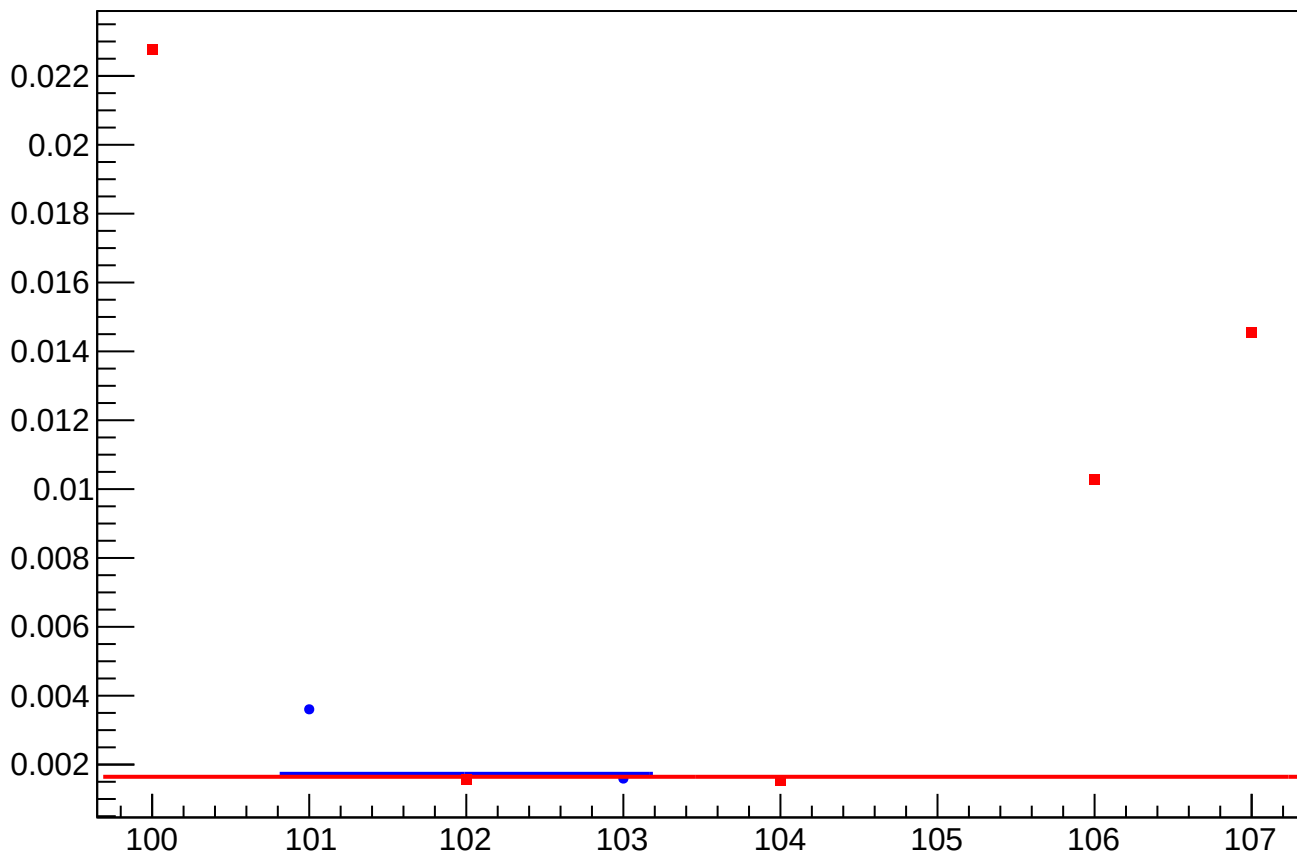
Right: 0.000+/-0.000 χ^2/NDF : 7.2/6

In: 0.000+/-0.000 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.2/6

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 : 131488.8/1

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

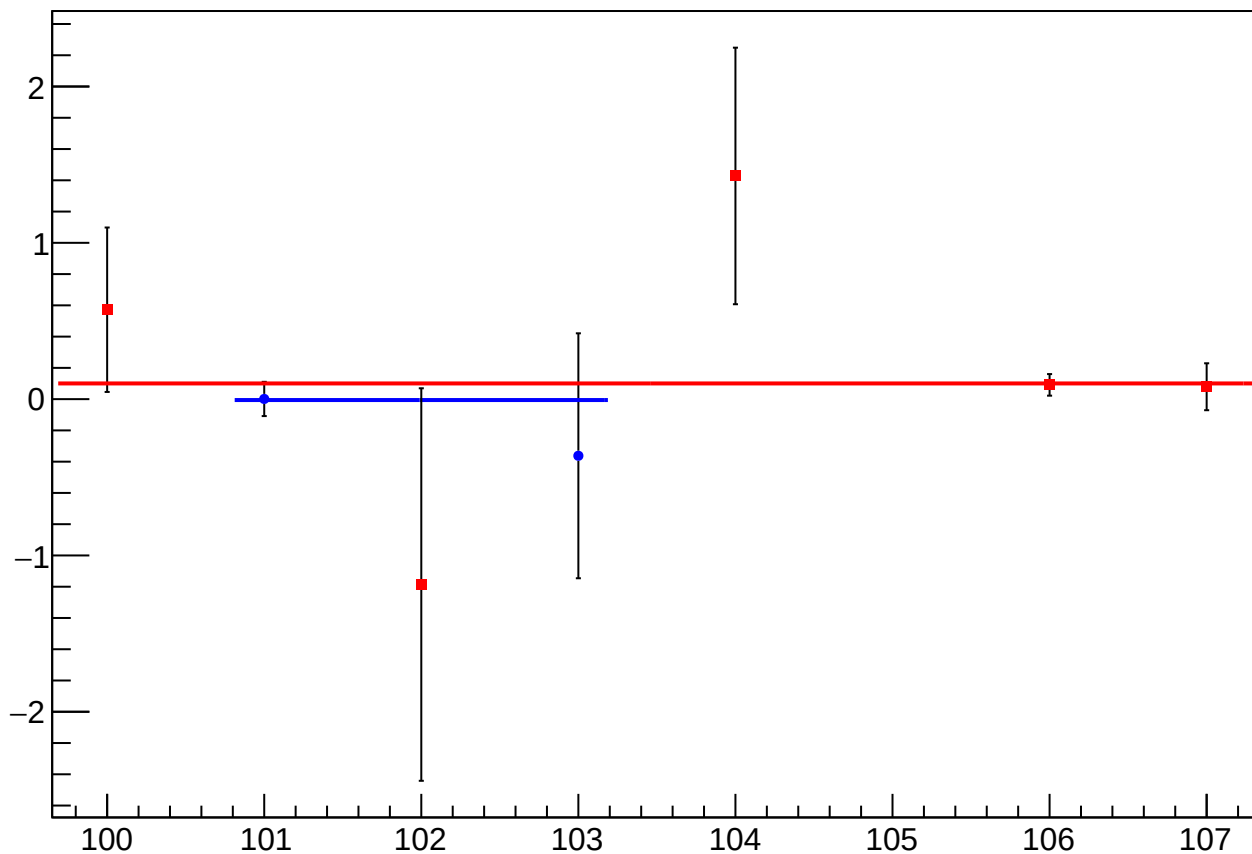
Right: 0.002+/-0.000 χ^2/NDF : 1073567.1/6

In: 0.002+/-0.000 χ^2/NDF : 131488.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1073567.1/6

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 ± 0.108 $\chi^2/\text{NDF}: 0.2/1$

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

Right Out: 0.100 ± 0.062 $\chi^2/\text{NDF}: 4.5/4$

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

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

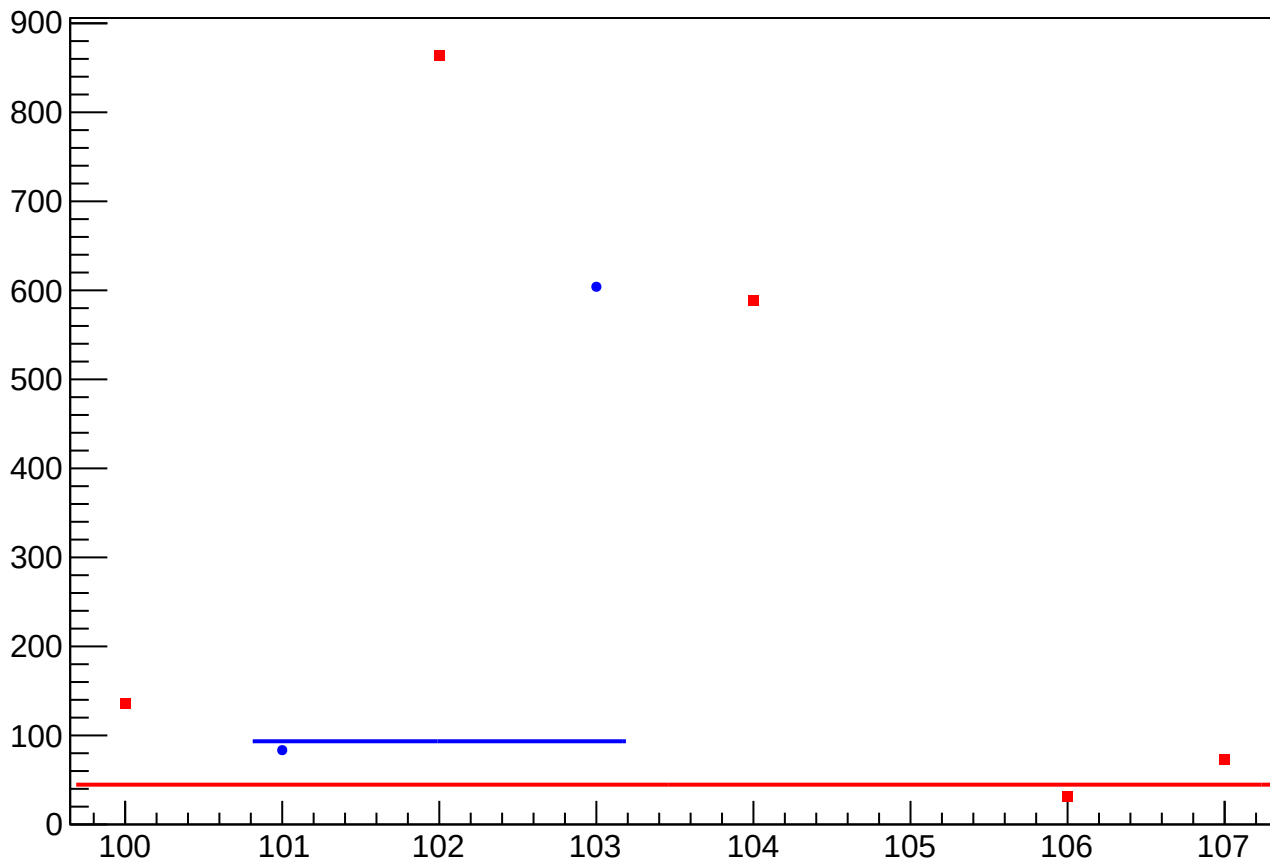
Right: 0.074 ± 0.054 $\chi^2/\text{NDF}: 5.4/6$

In: -0.006 ± 0.108 $\chi^2/\text{NDF}: 0.2/1$

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

All: 0.074 ± 0.054 $\chi^2/\text{NDF}: 5.4/6$

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 93.448 +/- 0.077 χ^2/NDF : 865885.0/1

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

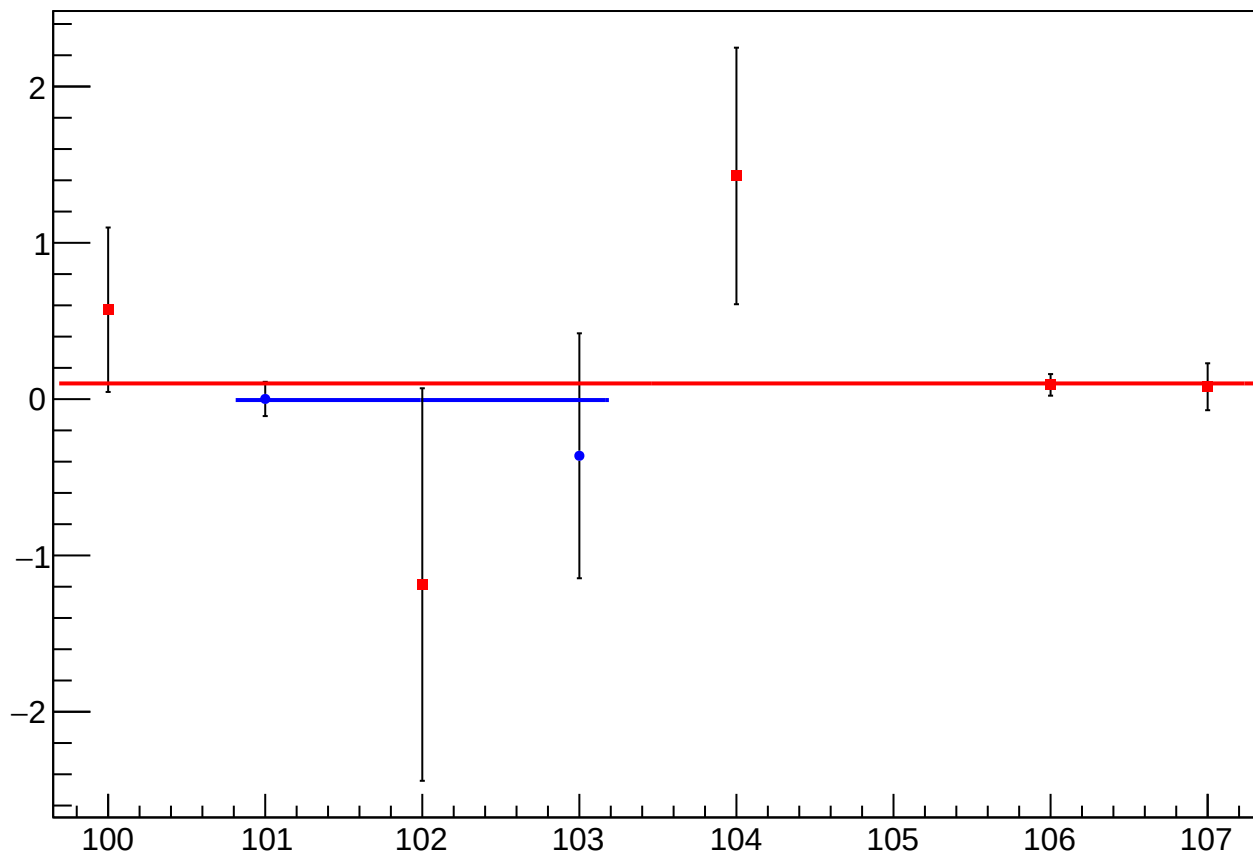
Right: 56.712 +/- 0.038 χ^2/NDF : 3107119.2/6

In: 93.448 +/- 0.077 χ^2/NDF : 865885.0/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 56.712 +/- 0.038 χ^2/NDF : 3107119.2/6

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.108 χ^2 /NDF: 0.2/1

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

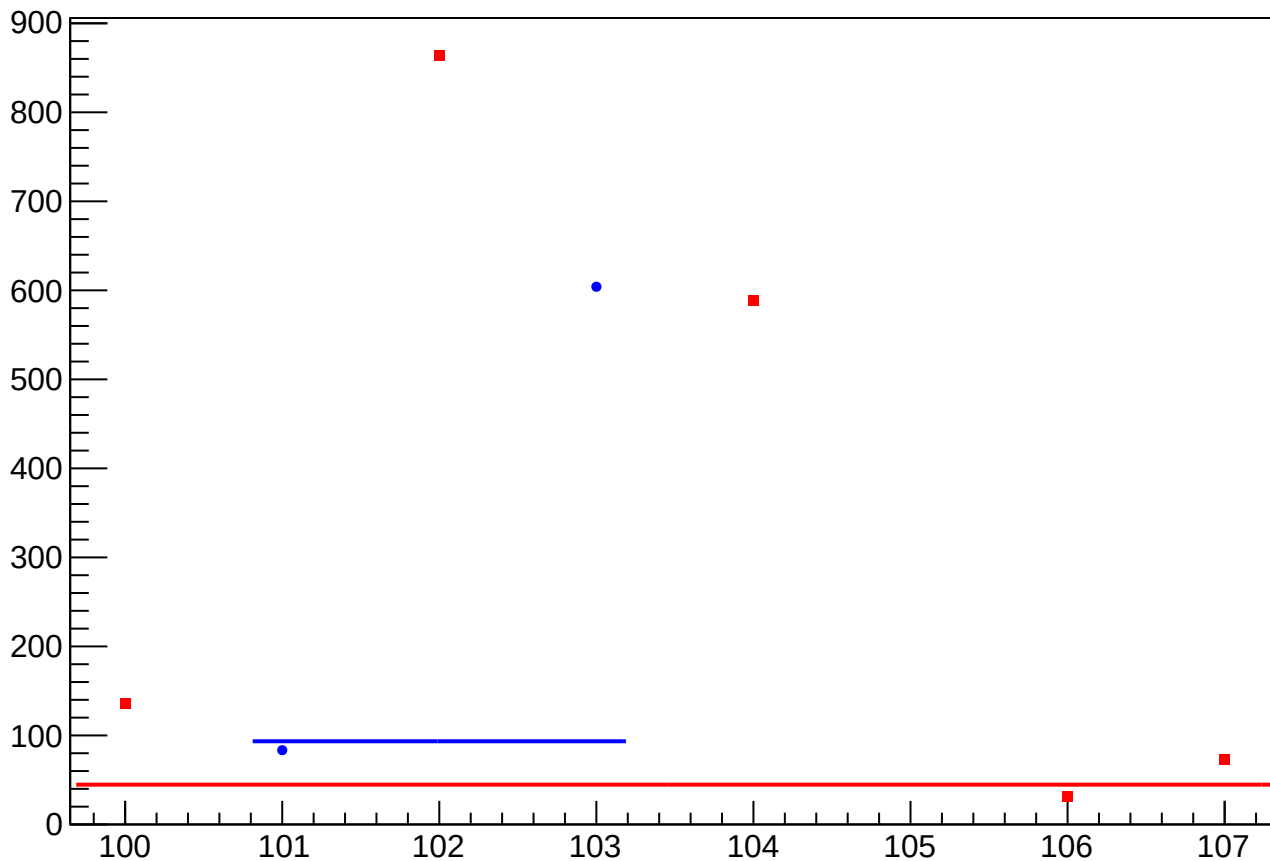
Right: 0.074 $\pm$ 0.054 χ^2 /NDF: 5.4/6

In: -0.006 $\pm$ 0.108 χ^2 /NDF:0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.074 $\pm$ 0.054 χ^2 /NDF: 5.4/6

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 93.448 ± 0.077 $\chi^2/\text{NDF}: 865885.0/1$

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

Right Out: 44.699 ± 0.044 $\chi^2/\text{NDF}: 1936764.4/4$

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

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

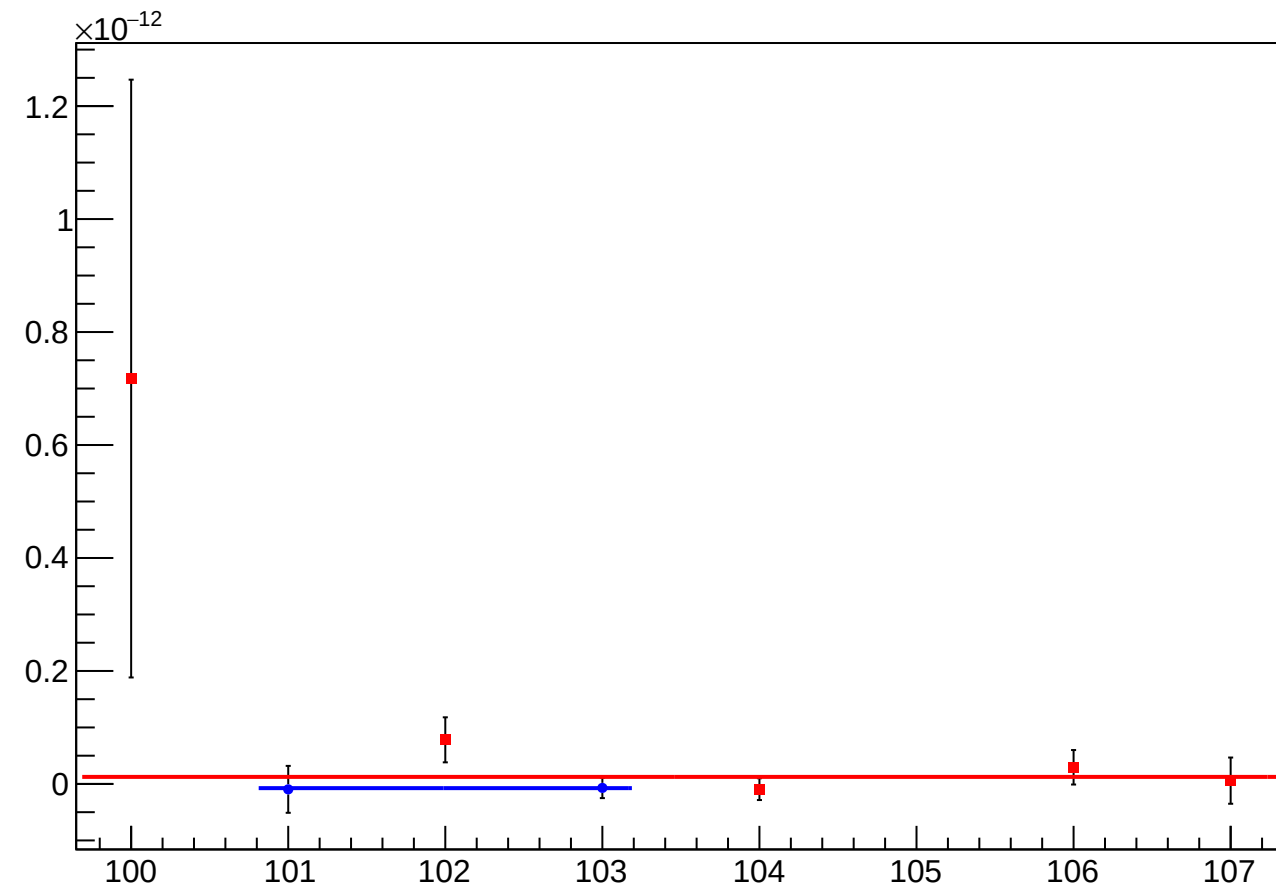
Right: 56.712 ± 0.038 $\chi^2/\text{NDF}: 3107119.2/6$

In: 93.448 ± 0.077 $\chi^2/\text{NDF}: 865885.0/1$

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

All: 56.712 ± 0.038 $\chi^2/\text{NDF}: 3107119.2/6$

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 : 0.0/1

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

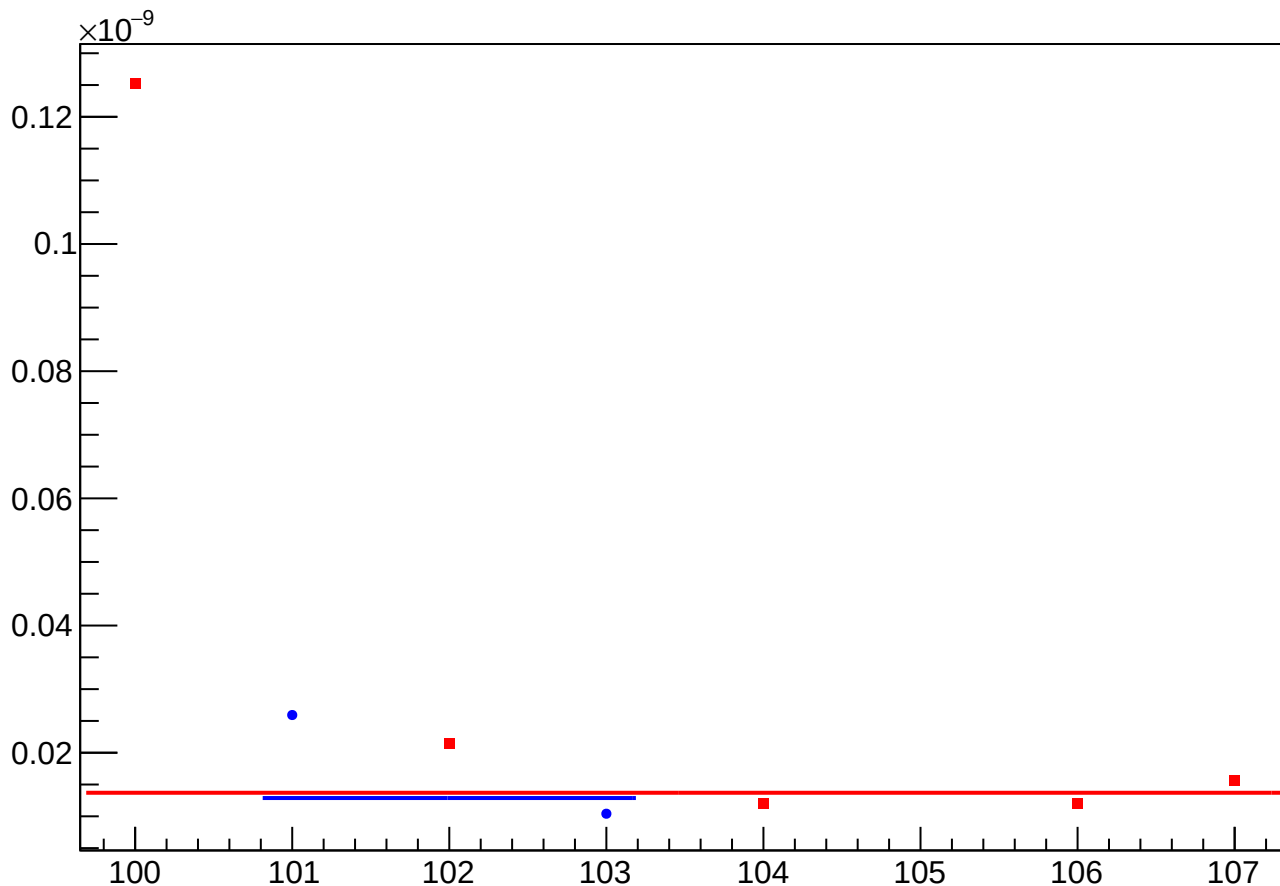
Right: 0.000+/-0.000 χ^2/NDF : 6.9/6

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.9/6

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 : 235016.6/1

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

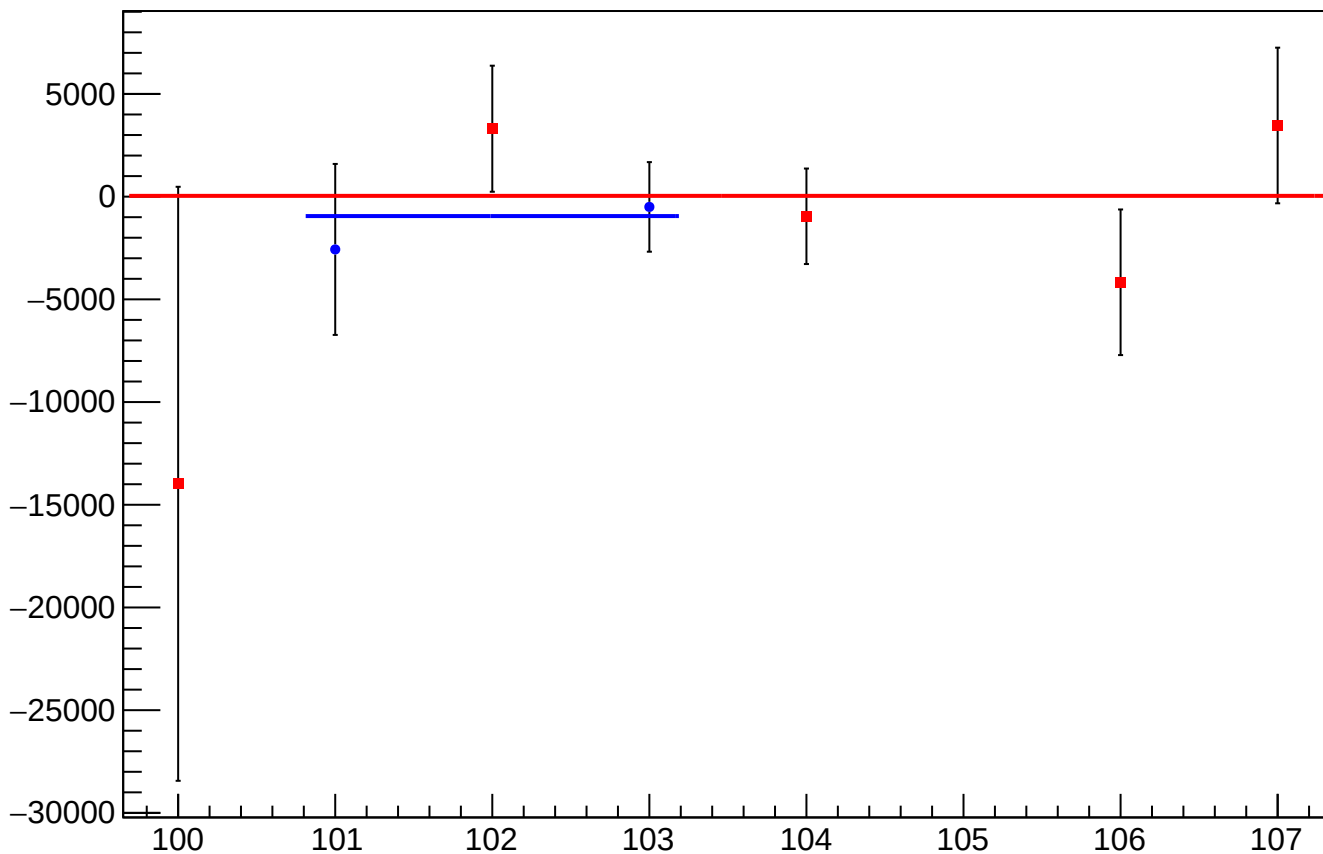
Right: 0.000+/-0.000 χ^2/NDF : 429234.4/6

In: 0.000+/-0.000 χ^2/NDF : 235016.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 429234.4/6

reg_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -945.605+/-1931.593 χ^2/NDF : 0.2/1

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

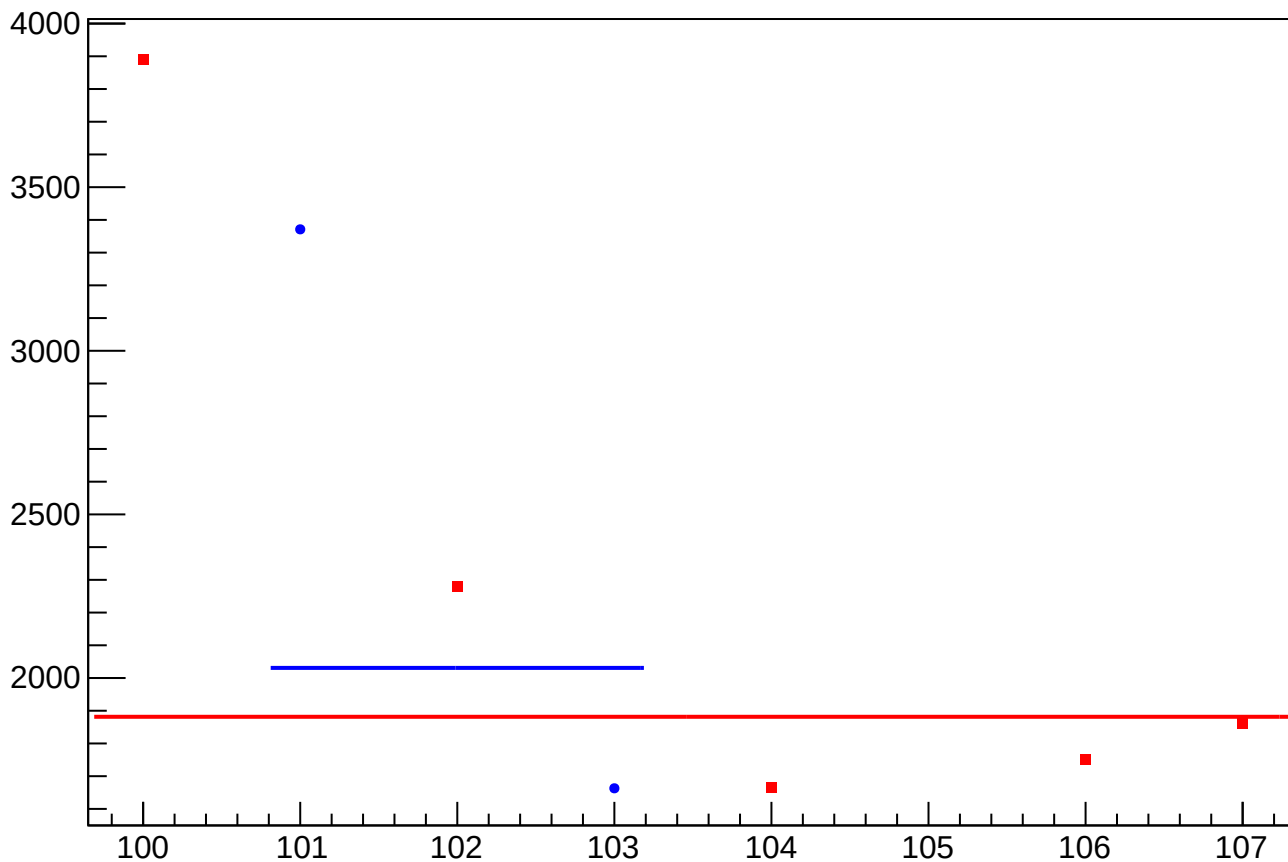
Right: -331.468+/-1184.021 χ^2/NDF : 4.8/6

In: -945.605+/-1931.593 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -331.468+/-1184.021 χ^2/NDF : 4.8/6

reg_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2030.922+/-1.366 χ^2/NDF : 264341.5/1

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

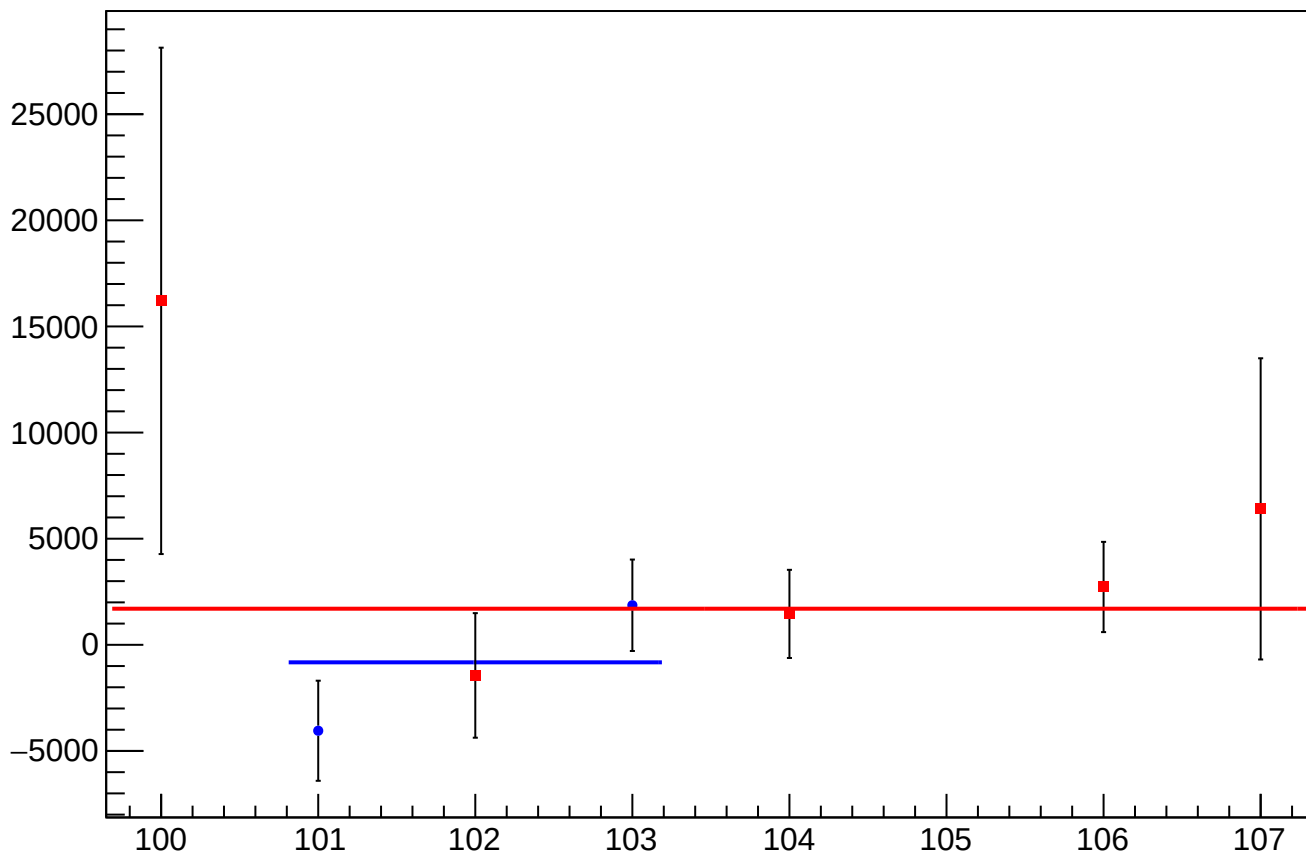
Right: 1937.659+/-0.837 χ^2/NDF : 364253.8/6

In: 2030.922+/-1.366 χ^2/NDF : 264341.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1937.659+/-0.837 χ^2/NDF : 364253.8/6

asym_us_dd_atlr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -825.323+/-1590.326 χ^2/NDF : 3.4/1

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

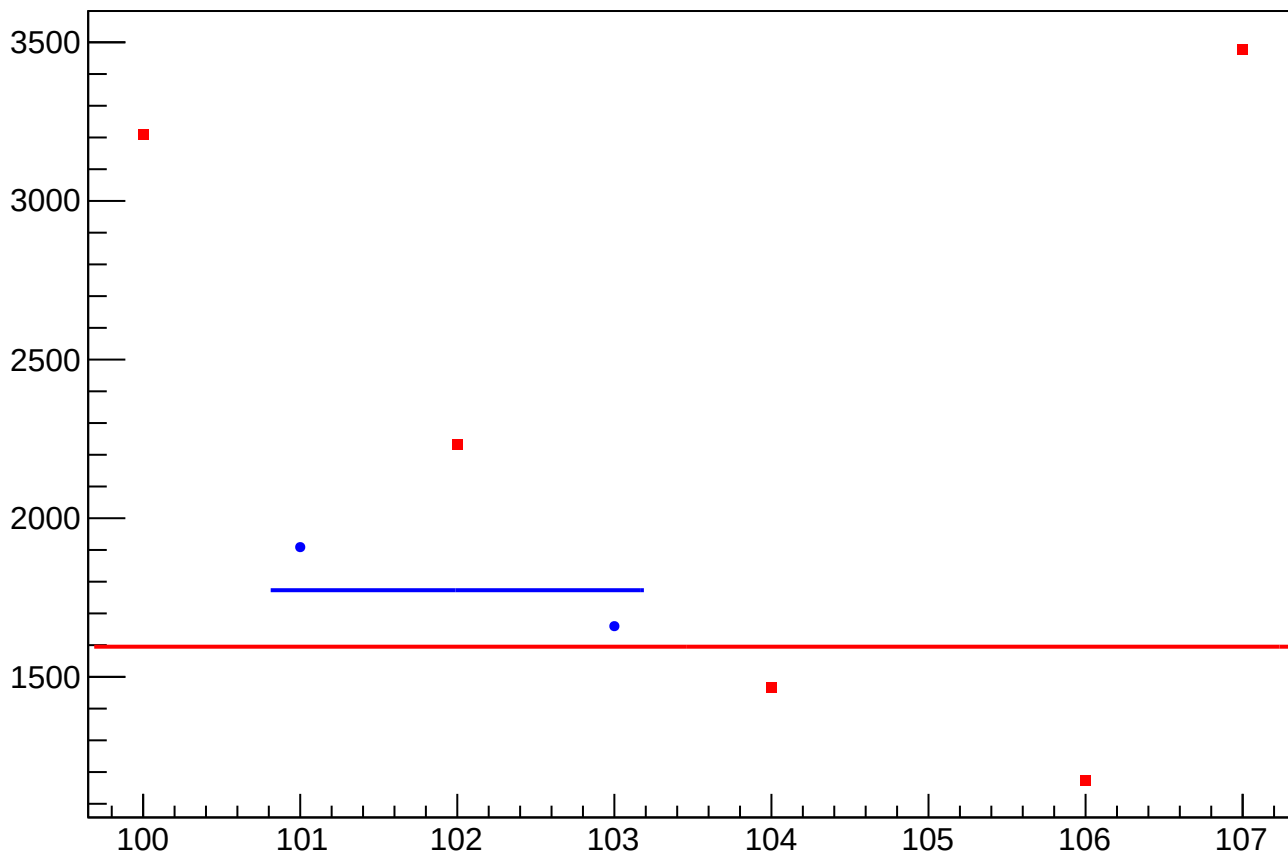
Right: 693.835+/-1004.236 χ^2/NDF : 8.3/6

In: -825.323+/-1590.326 χ^2/NDF : 3.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 693.835+/-1004.236 χ^2/NDF : 8.3/6

asym_us_dd_atlr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1773.133+/-1.125 χ^2/NDF : 12166.3/1

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

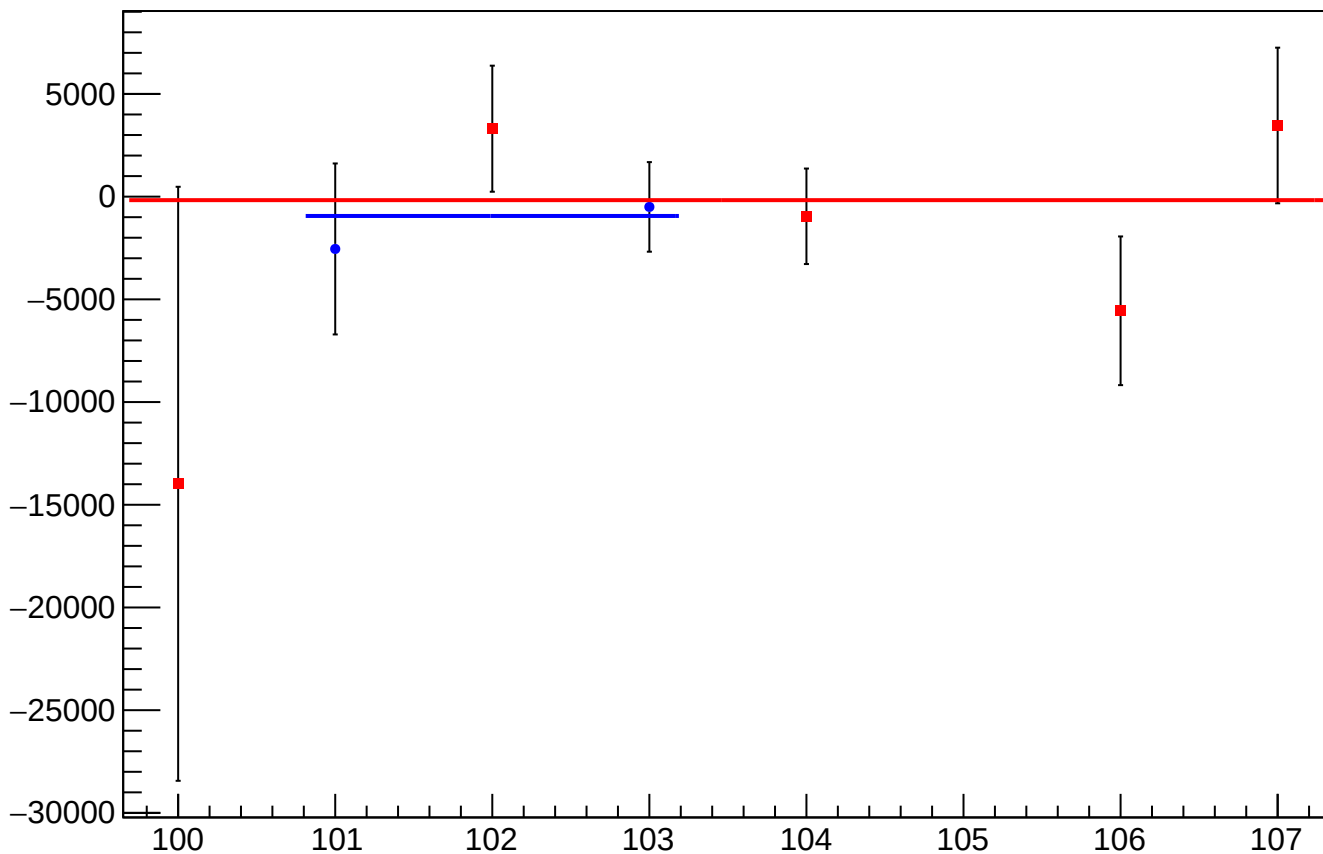
Right: 1666.094+/-0.710 χ^2/NDF : 385160.4/6

In: 1773.133+/-1.125 χ^2/NDF : 12166.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1666.094+/-0.710 χ^2/NDF : 385160.4/6

cor_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -940.534+/-1931.597 χ^2/NDF : 0.2/1

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

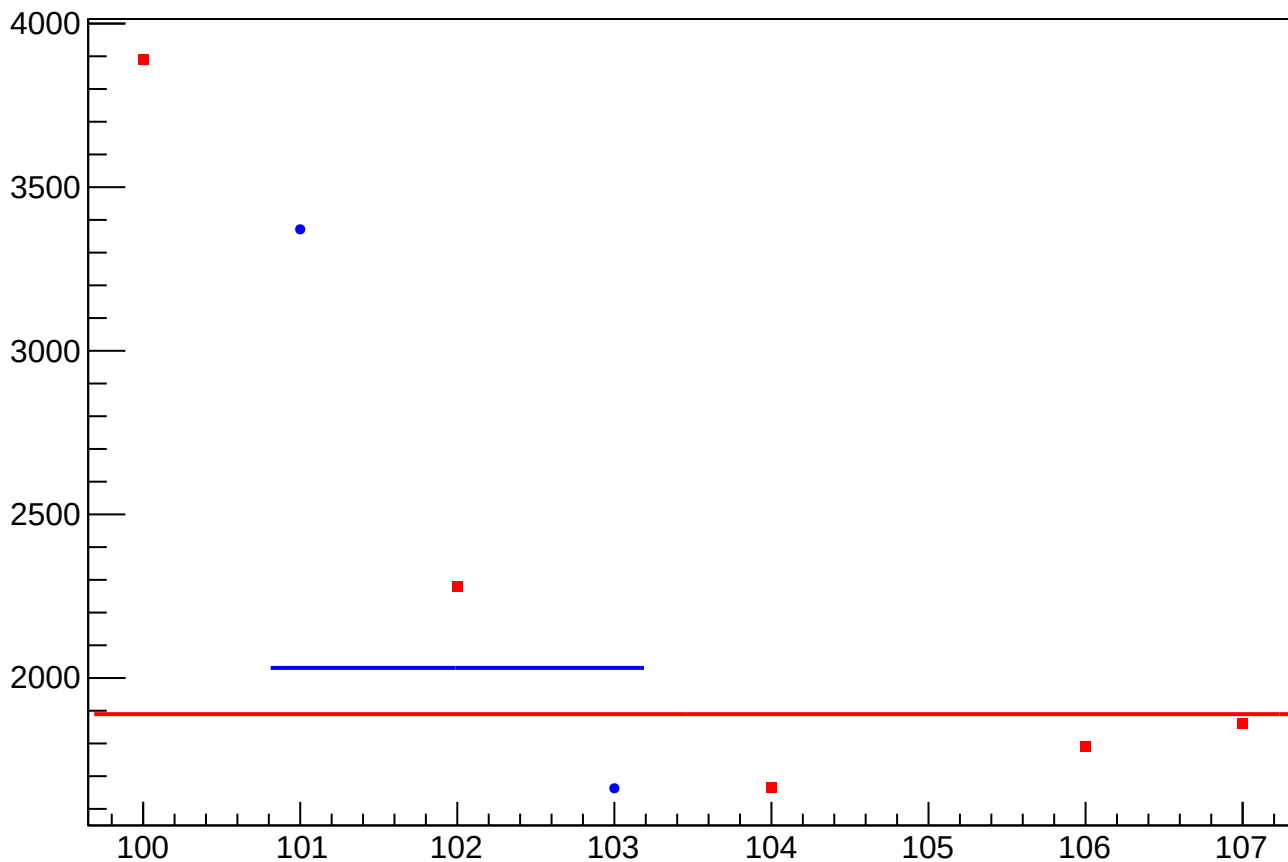
Right: -461.289+/-1186.728 χ^2/NDF : 5.7/6

In: -940.534+/-1931.597 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -461.289+/-1186.728 χ^2/NDF : 5.7/6

cor_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2030.922+/-1.366 χ^2/NDF : 264343.5/1

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

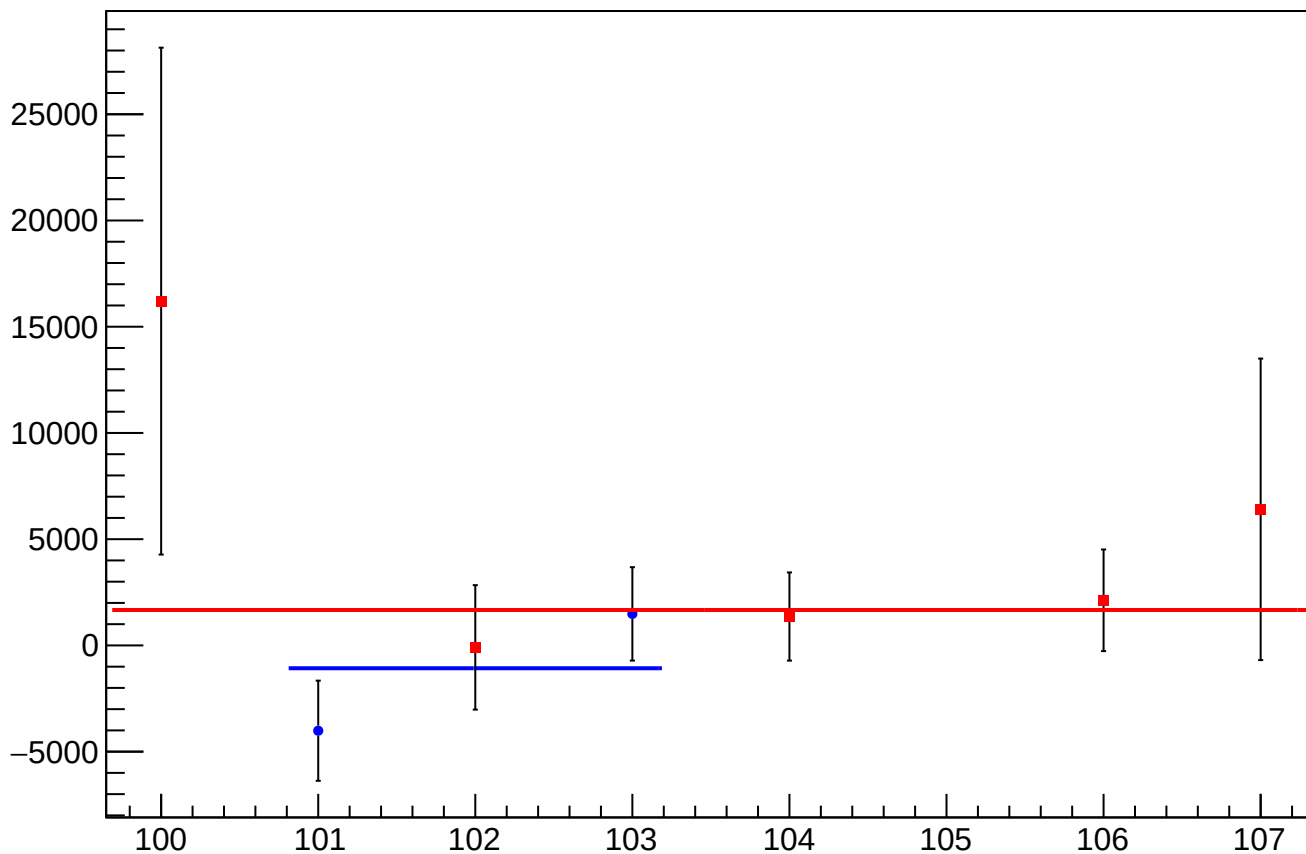
Right: 1942.910+/-0.839 χ^2/NDF : 361909.3/6

In: 2030.922+/-1.366 χ^2/NDF : 264343.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1942.910+/-0.839 χ^2/NDF : 361909.3/6

asym_us_dd_atlr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1074.467+/-1607.672 χ^2 /NDF: 2.9/1

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

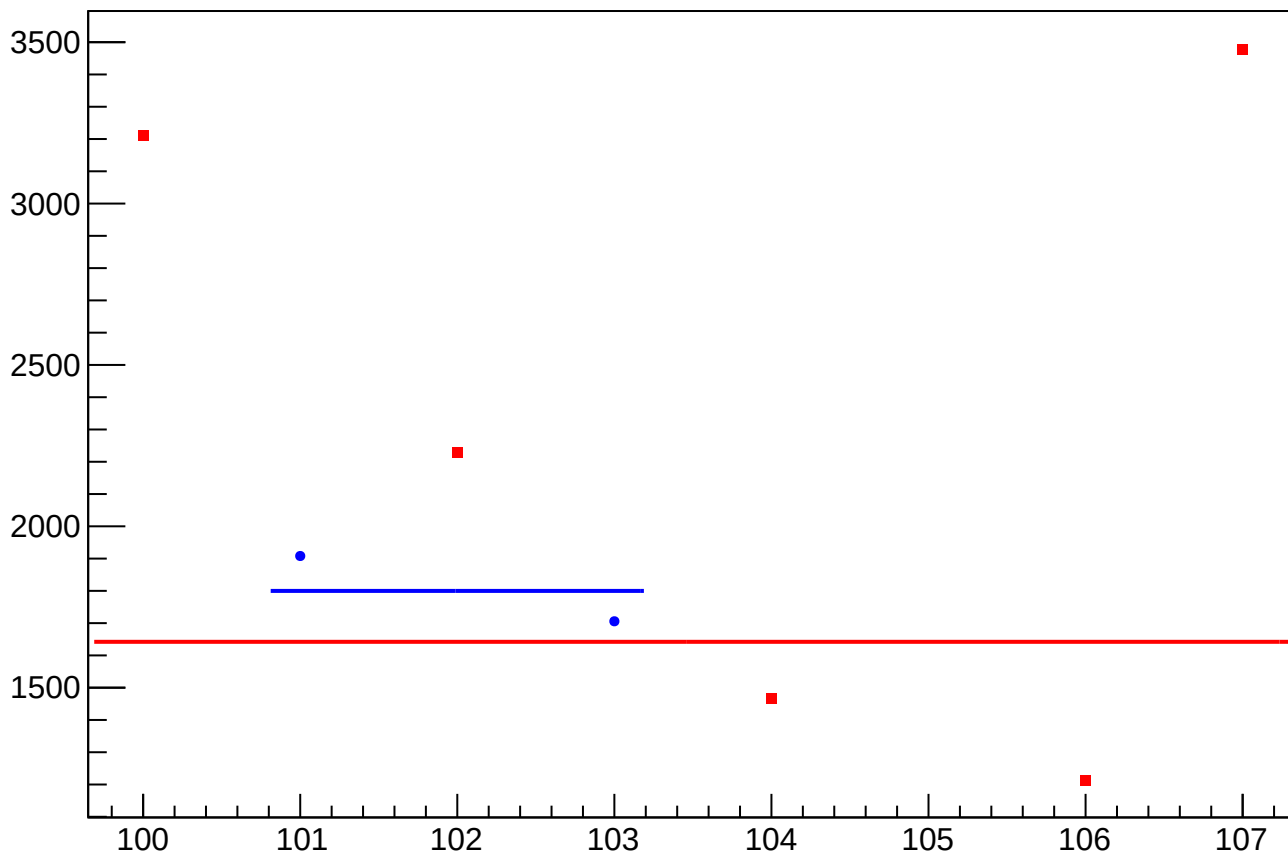
Right: 535.242+/-1032.843 χ^2 /NDF: 7.0/6

In: -1074.467+/-1607.672 χ^2 /NDF: 2.9/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 535.242+/-1032.843 χ^2 /NDF: 7.0/6

asym_us_dd_atlr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1799.841+/-1.137 χ^2/NDF : 7877.1/1

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

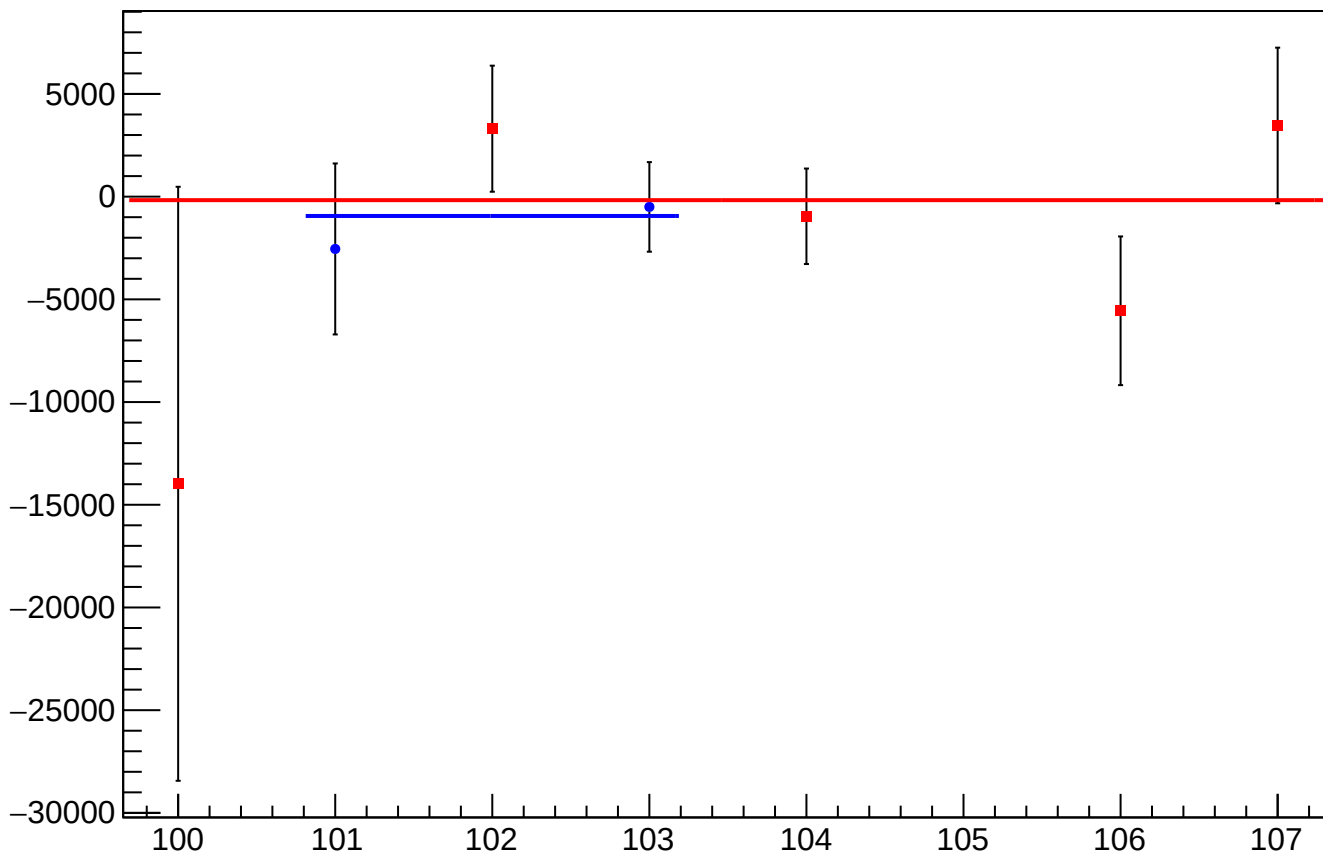
Right: 1707.223+/-0.730 χ^2/NDF : 346305.5/6

In: 1799.841+/-1.137 χ^2/NDF : 7877.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1707.223+/-0.730 χ^2/NDF : 346305.5/6

eigen_cor_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -940.534+/-1931.597 χ^2/NDF : 0.2/1

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

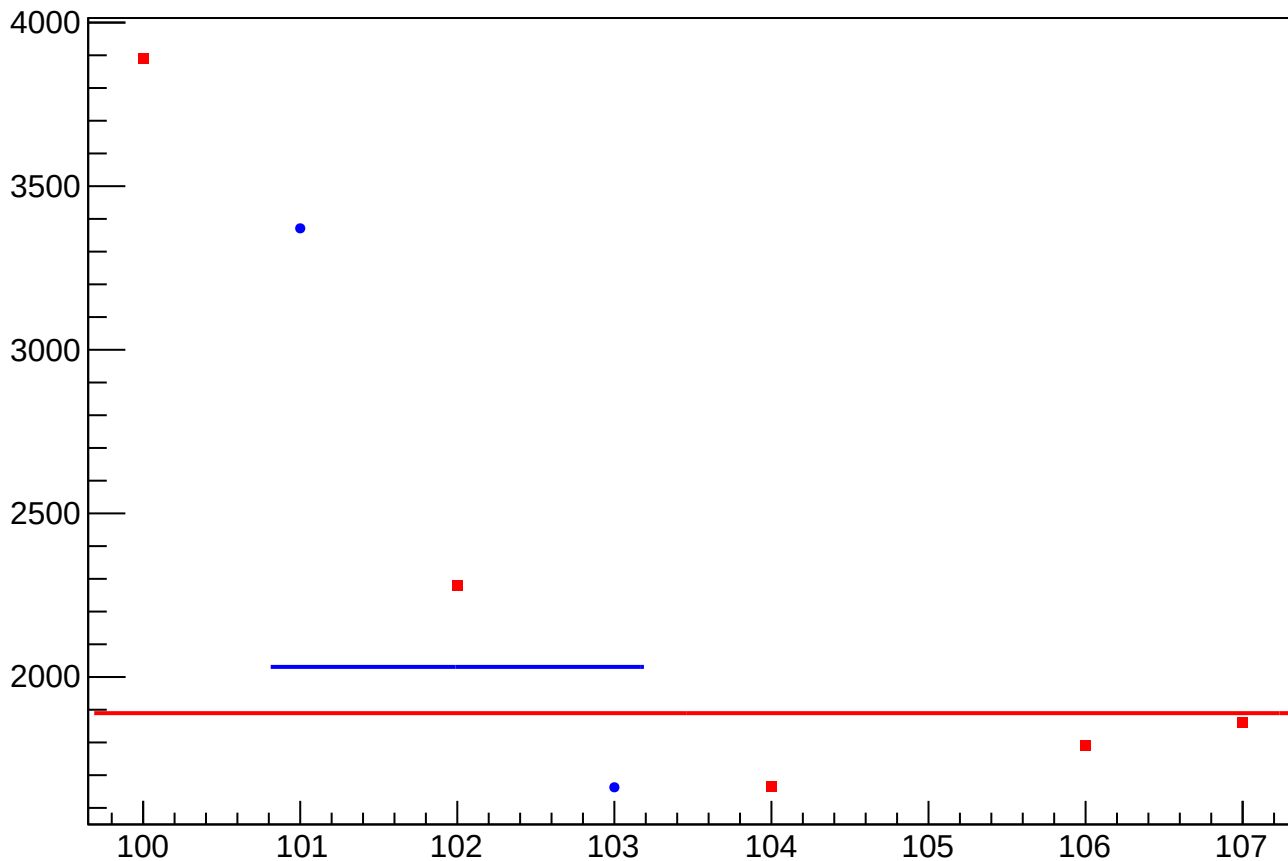
Right: -461.289+/-1186.728 χ^2/NDF : 5.7/6

In: -940.534+/-1931.597 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -461.289+/-1186.728 χ^2/NDF : 5.7/6

eigen_cor_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2030.922+/-1.366 χ^2/NDF : 264343.5/1

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

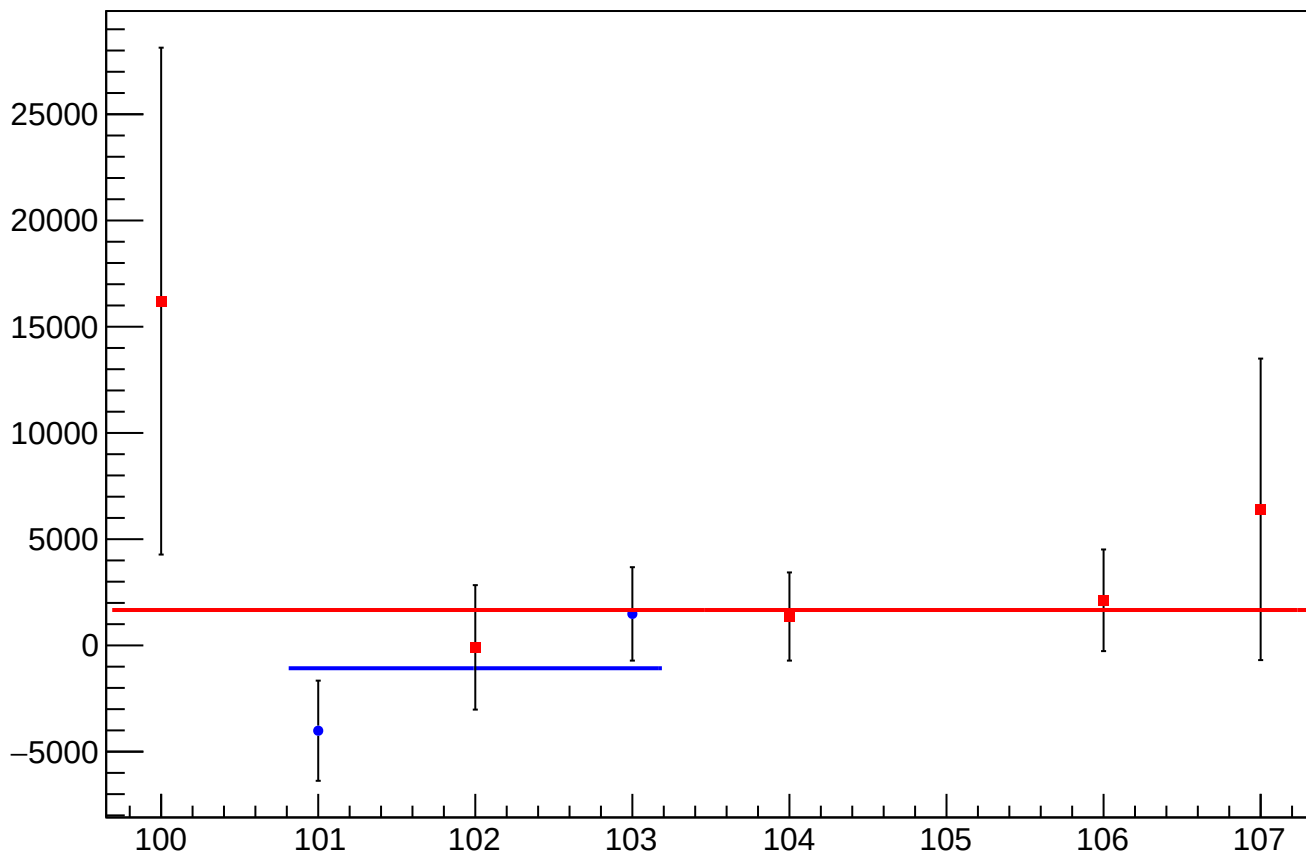
Right: 1942.910+/-0.839 χ^2/NDF : 361909.3/6

In: 2030.922+/-1.366 χ^2/NDF : 264343.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1942.910+/-0.839 χ^2/NDF : 361909.3/6

asym_us_dd_atlr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1074.467 $\pm$ 1607.672 χ^2 /NDF: 2.9/1

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

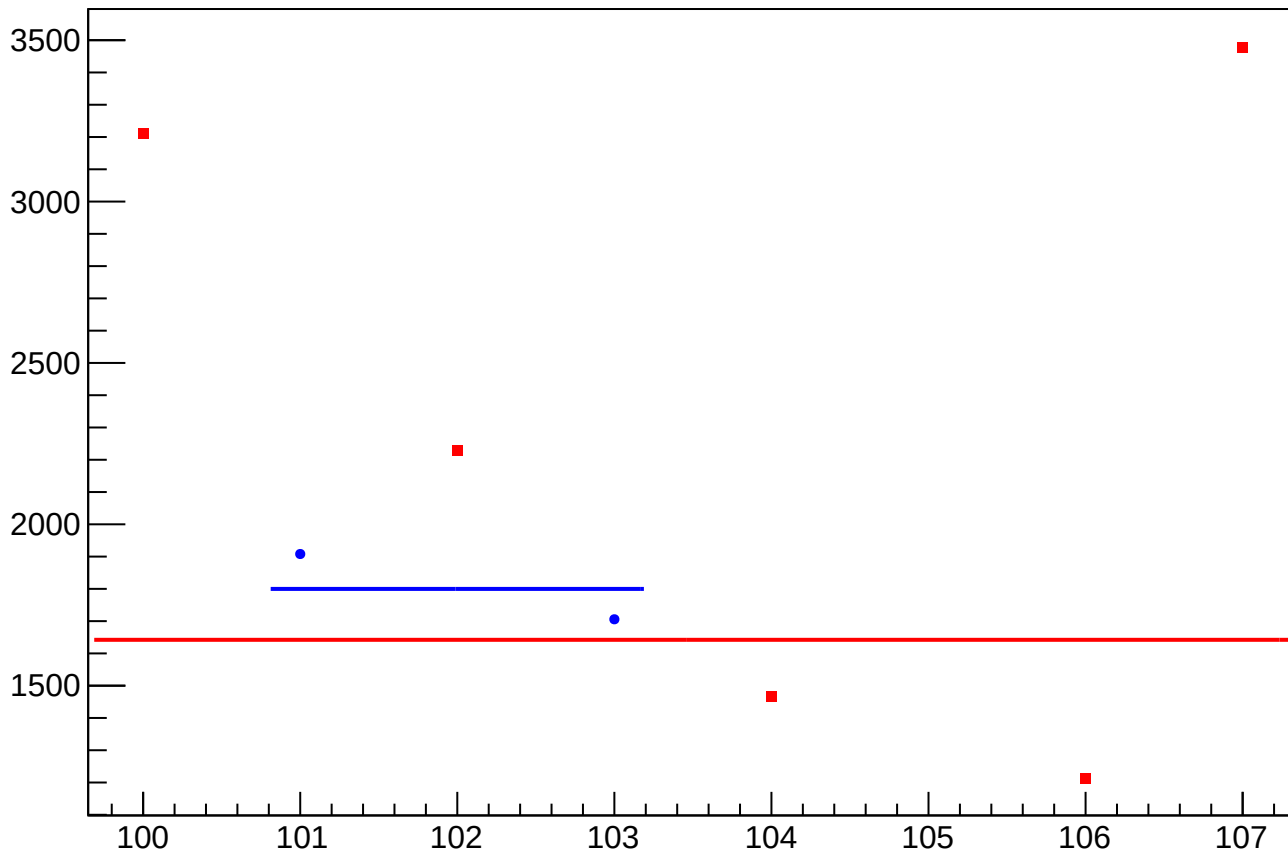
Right: 535.242 $\pm$ 1032.843 χ^2 /NDF: 7.0/6

In: -1074.467 $\pm$ 1607.672 χ^2 /NDF: 2.9/1

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

All: 535.242 $\pm$ 1032.843 χ^2 /NDF: 7.0/6

asym_us_dd_atlr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1799.841+/-1.137 χ^2/NDF : 7877.1/1

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

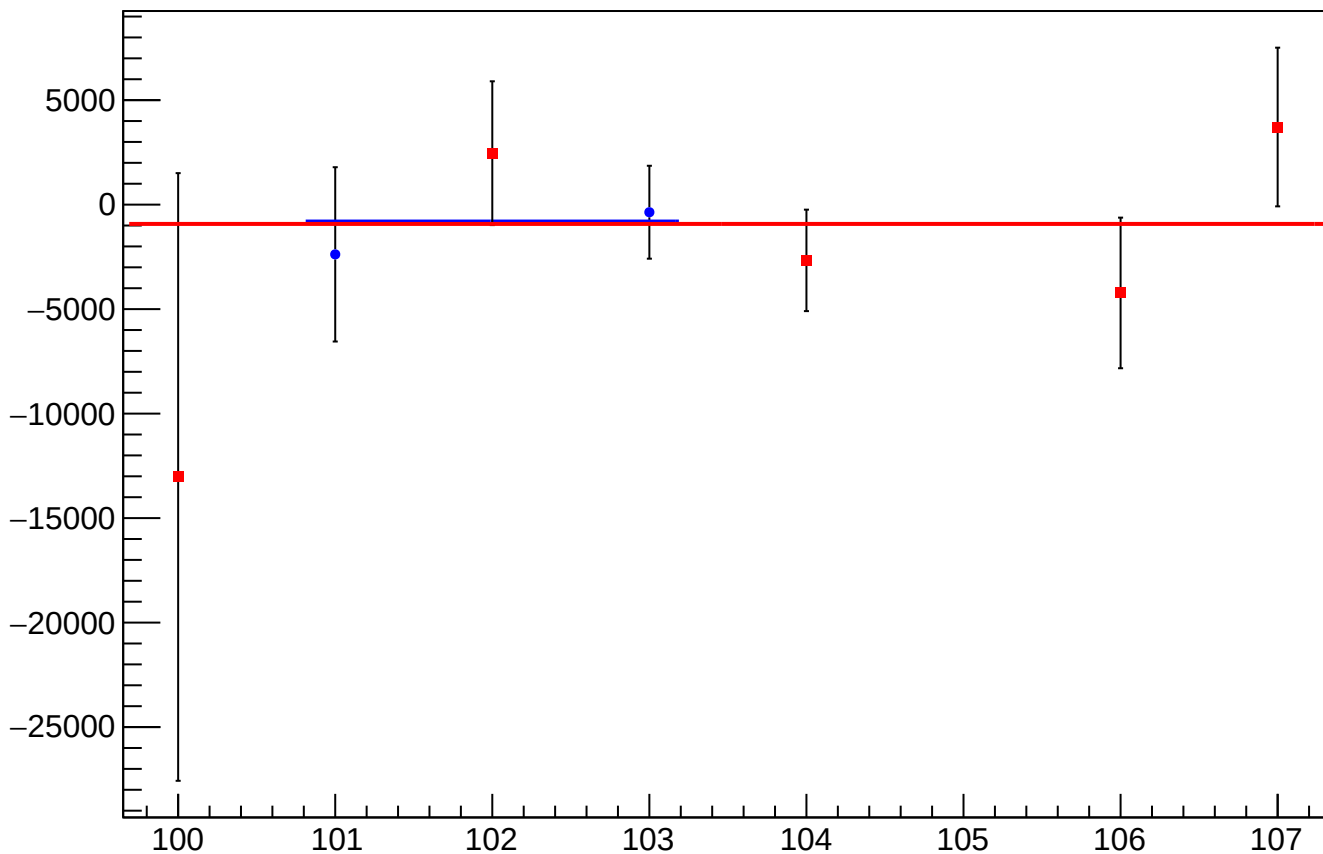
Right: 1707.223+/-0.730 χ^2/NDF : 346305.5/6

In: 1799.841+/-1.137 χ^2/NDF : 7877.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1707.223+/-0.730 χ^2/NDF : 346305.5/6

dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -809.669+/-1961.800 χ^2/NDF : 0.2/1

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

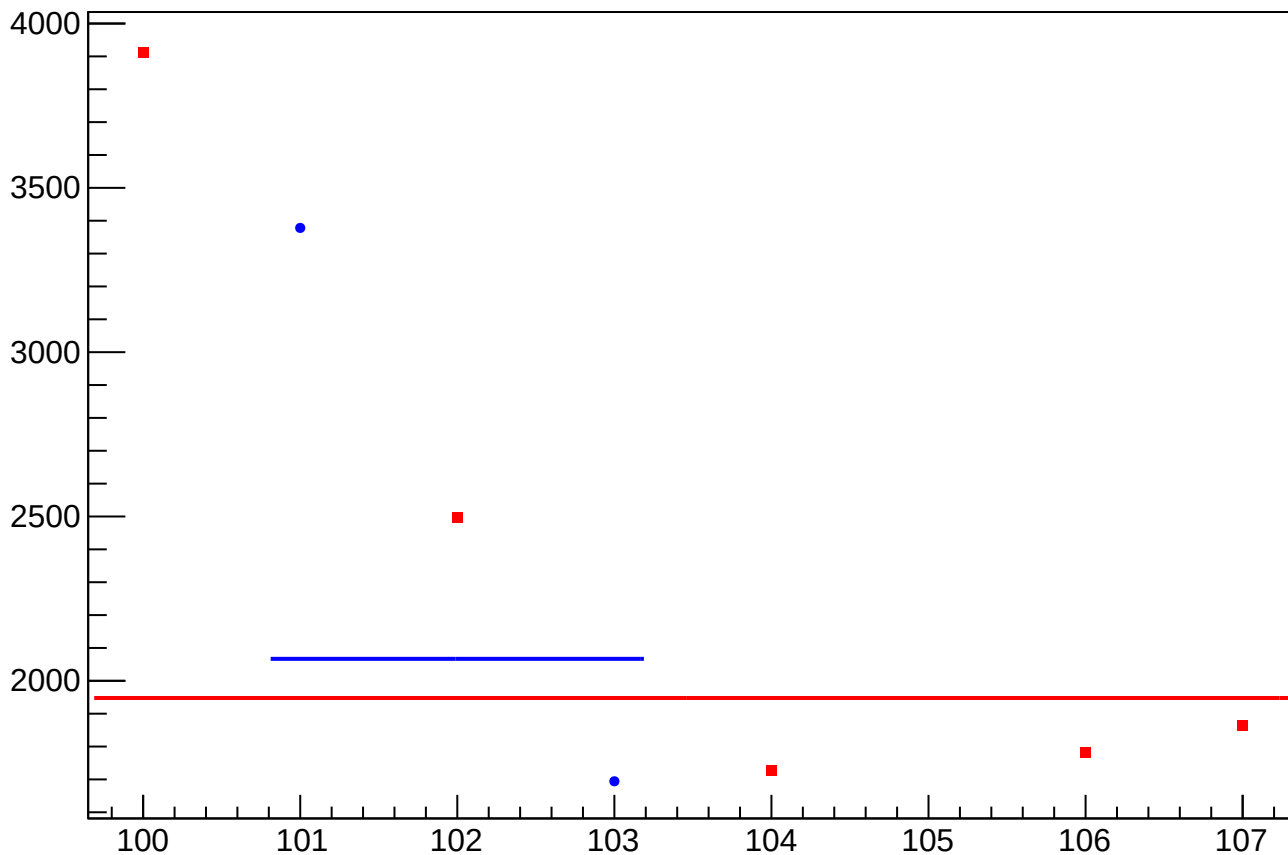
Right: -878.863+/-1226.190 χ^2/NDF : 4.7/6

In: -809.669+/-1961.800 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -878.863+/-1226.190 χ^2/NDF : 4.7/6

dit_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2066.881 $\pm$ 1.387 χ^2 /NDF: 253879.1/1

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

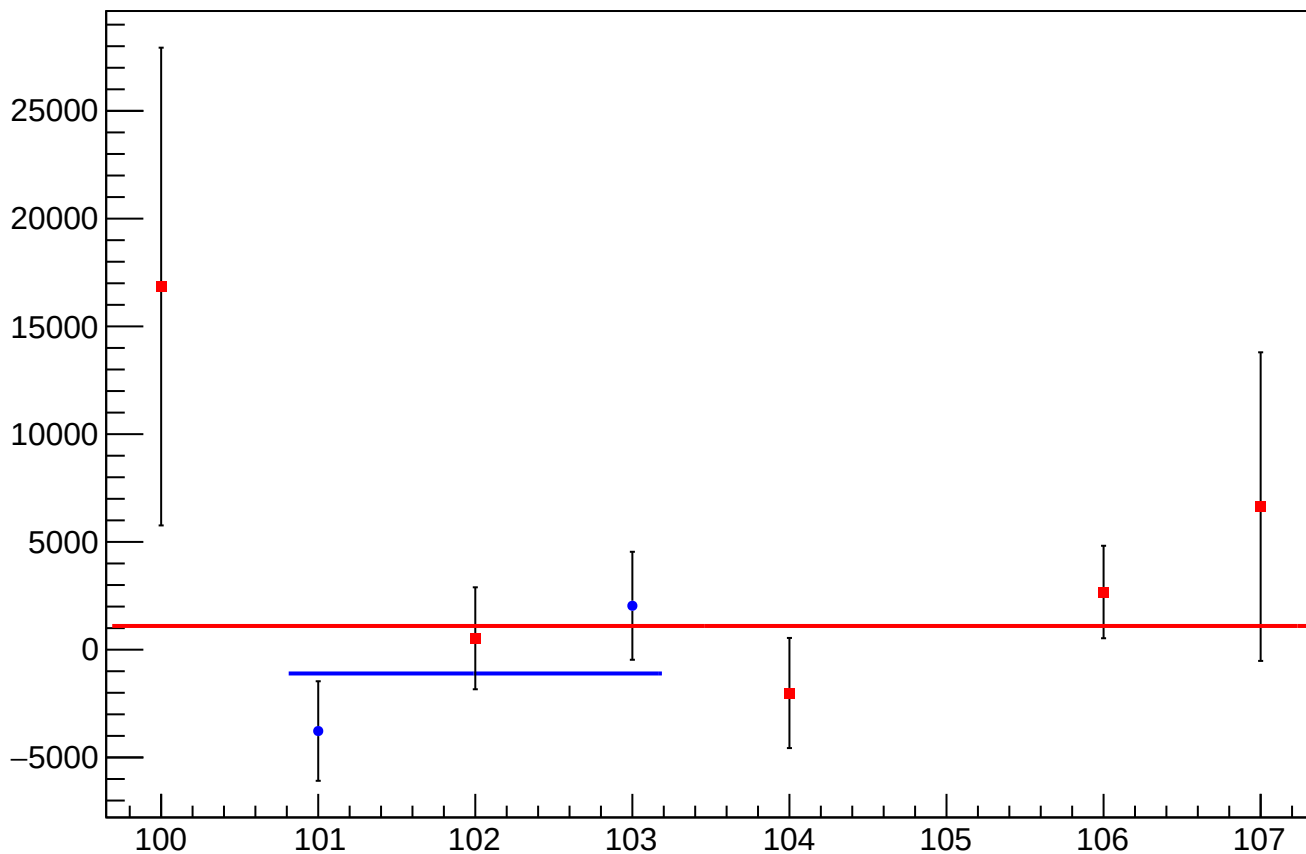
Right: 1994.291 $\pm$ 0.867 χ^2 /NDF: 367473.9/6

In: 2066.881 $\pm$ 1.387 χ^2 /NDF:253879.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1994.291 $\pm$ 0.867 χ^2 /NDF: 367473.9/6

asym_us_dd_atlr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1104.338 $\pm$ 1697.954 χ^2 /NDF: 2.9/1

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

Right Out: 1100.105 $\pm$ 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

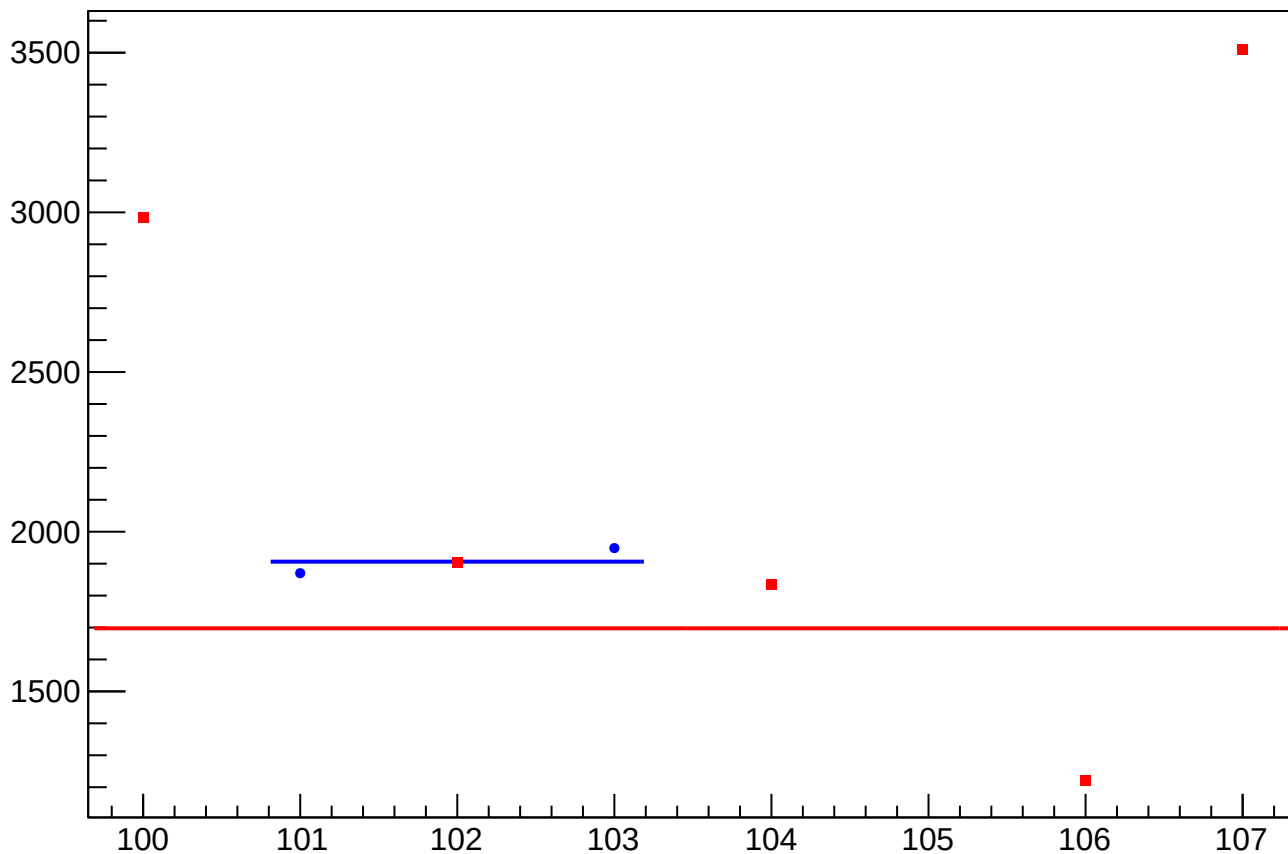
Right: 272.302 $\pm$ 1040.495 χ^2 /NDF: 8.7/6

In: -1104.338 $\pm$ 1697.954 χ^2 /NDF: 2.9/1

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

All: 272.302 $\pm$ 1040.495 χ^2 /NDF: 8.7/6

asym_us_dd_atlr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1906.278+/-1.201 χ^2/NDF : 1062.6/1

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

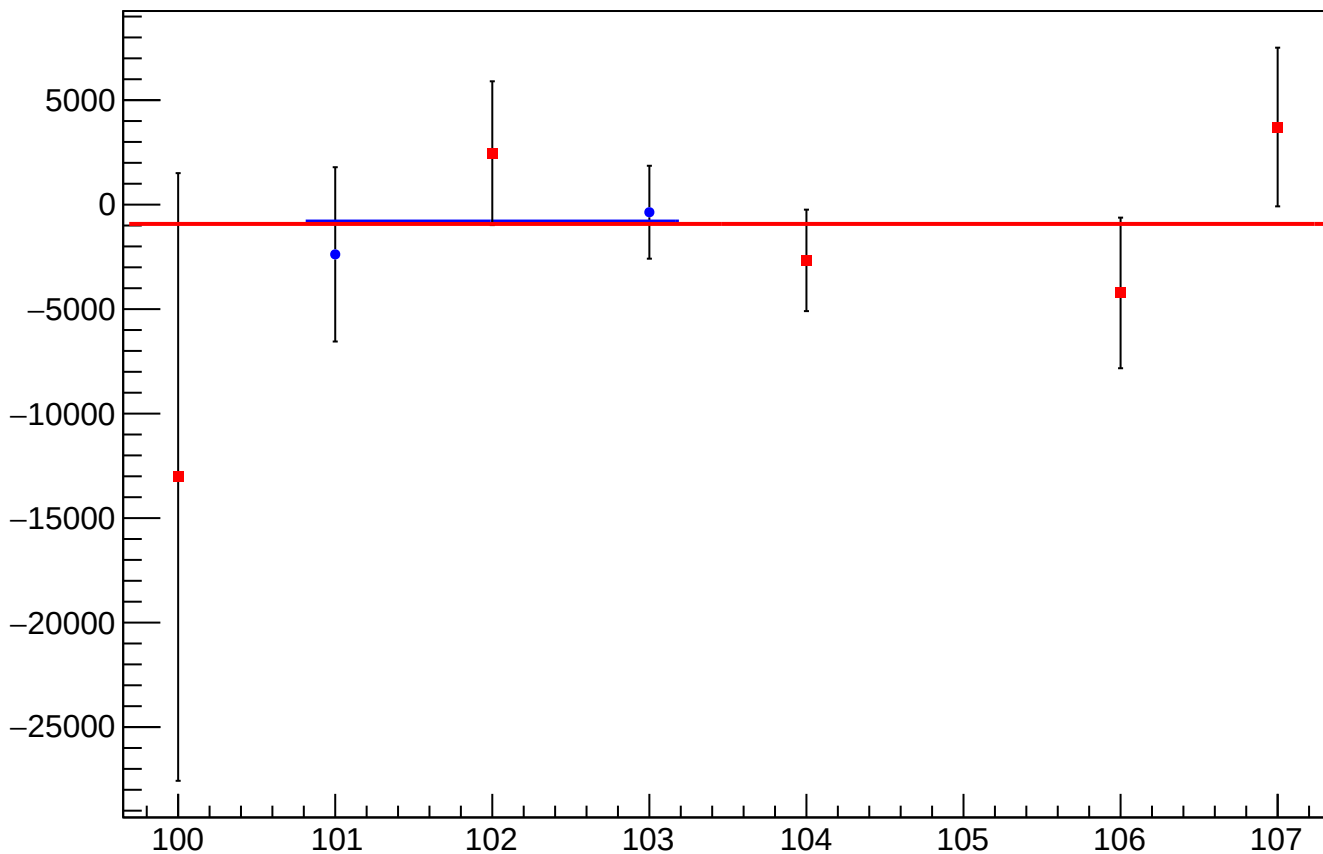
Right: 1775.905+/-0.736 χ^2/NDF : 294330.1/6

In: 1906.278+/-1.201 χ^2/NDF : 1062.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1775.905+/-0.736 χ^2/NDF : 294330.1/6

eigen_dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -809.661+/-1961.800 χ^2/NDF : 0.2/1

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

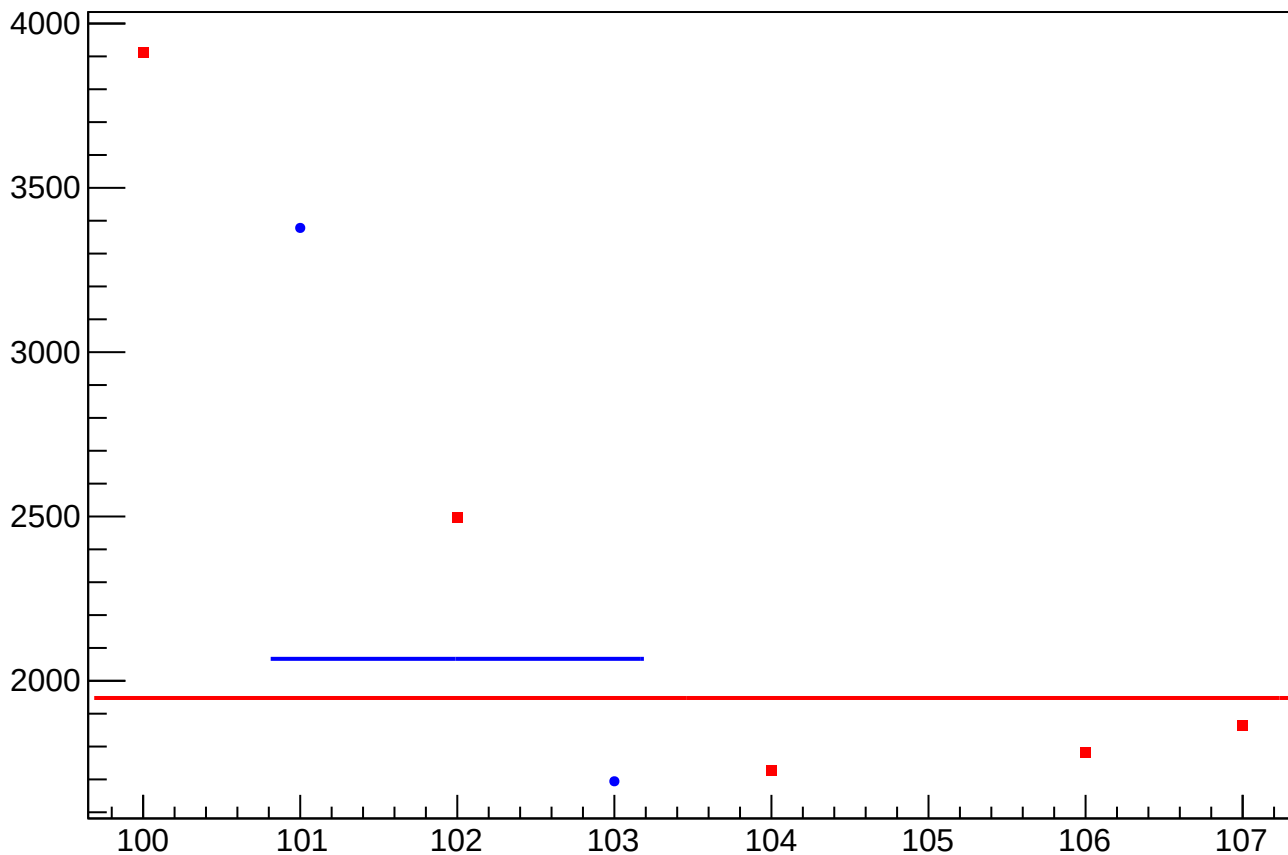
Right: -878.862+/-1226.191 χ^2/NDF : 4.7/6

In: -809.661+/-1961.800 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -878.862+/-1226.191 χ^2/NDF : 4.7/6

eigen_dit_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2066.881+/-1.387 χ^2/NDF : 253878.9/1

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

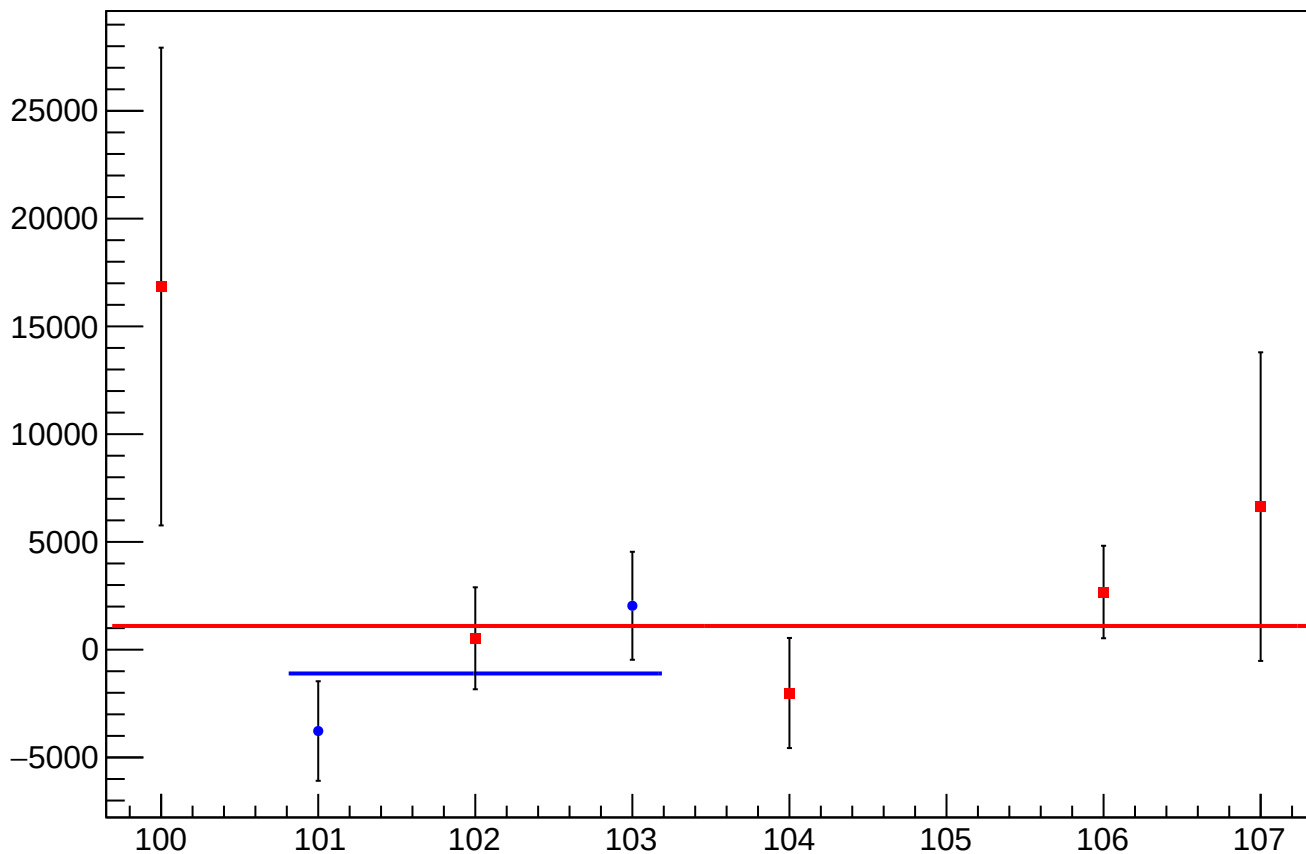
Right: 1994.291+/-0.867 χ^2/NDF : 367473.7/6

In: 2066.881+/-1.387 χ^2/NDF : 253878.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1994.291+/-0.867 χ^2/NDF : 367473.7/6

asym_us_dd_atlr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1104.340 $\pm$ 1697.952 χ^2 /NDF: 2.9/1

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

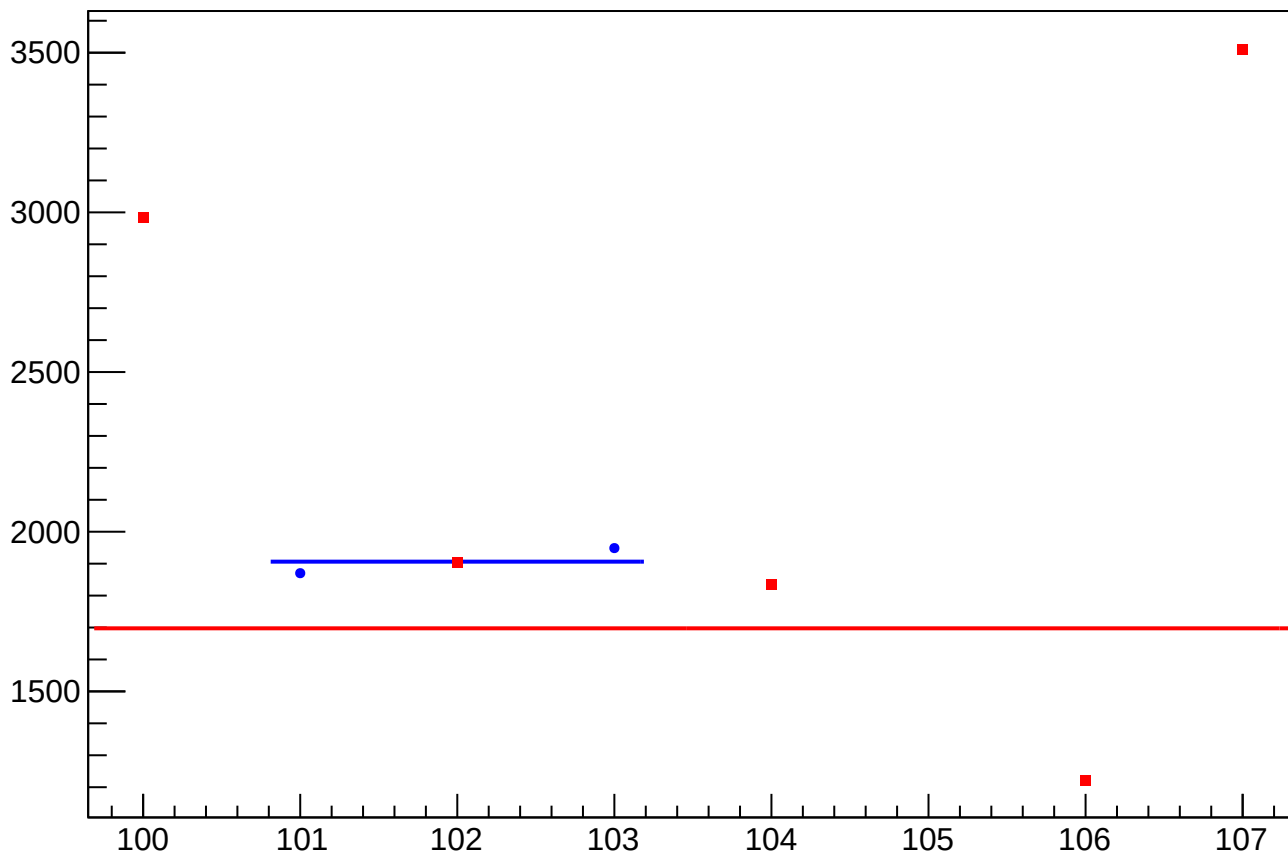
Right: 272.302 $\pm$ 1040.495 χ^2 /NDF: 8.7/6

In: -1104.340 $\pm$ 1697.952 χ^2 /NDF: 2.9/1

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

All: 272.302 $\pm$ 1040.495 χ^2 /NDF: 8.7/6

asym_us_dd_atlr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1906.276+/-1.201 χ^2/NDF : 1062.9/1

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

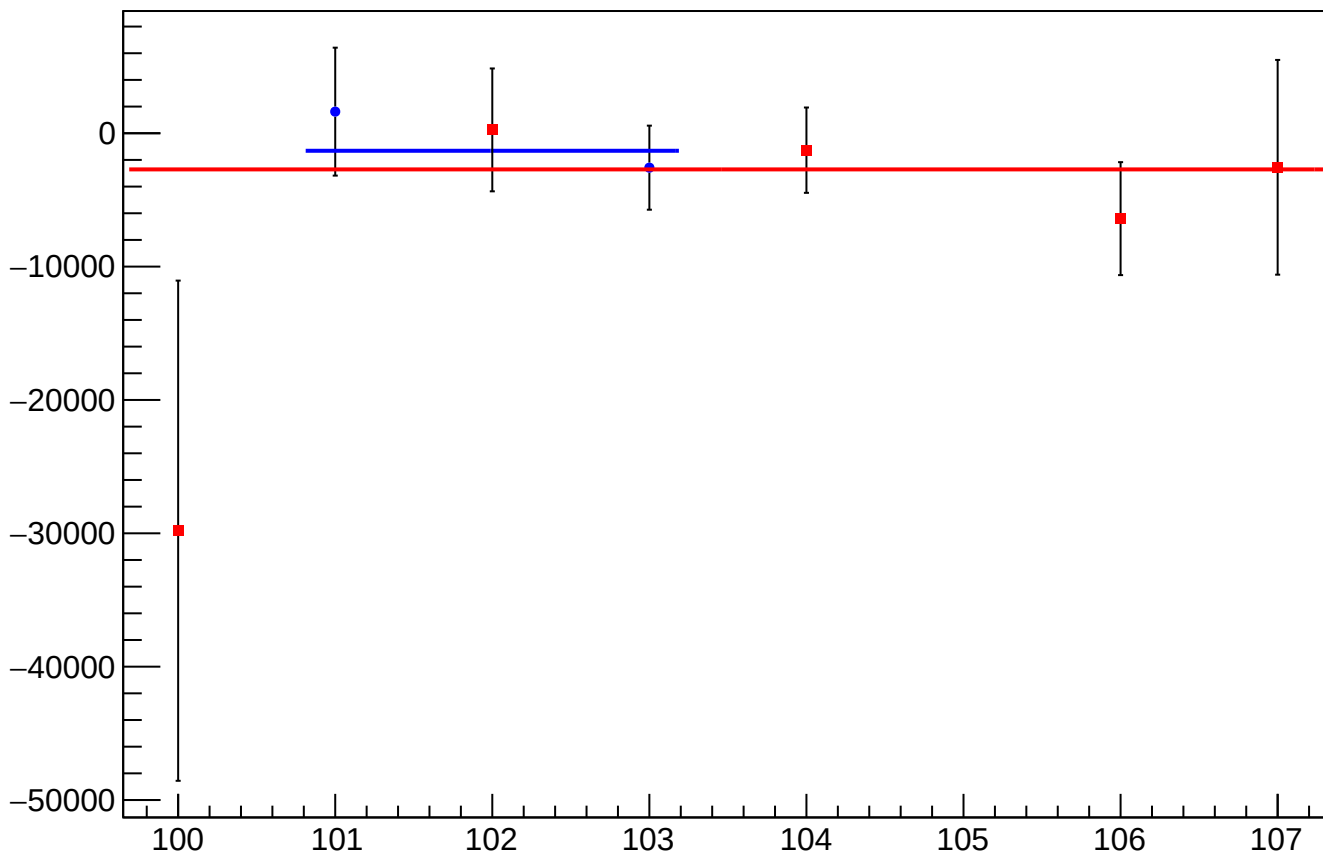
Right: 1775.904+/-0.736 χ^2/NDF : 294330.3/6

In: 1906.276+/-1.201 χ^2/NDF : 1062.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1775.904+/-0.736 χ^2/NDF : 294330.3/6

asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1314.695+/-2634.051 χ^2 /NDF: 0.5/1

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

Right Out: -2711.251+/-2137.656 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

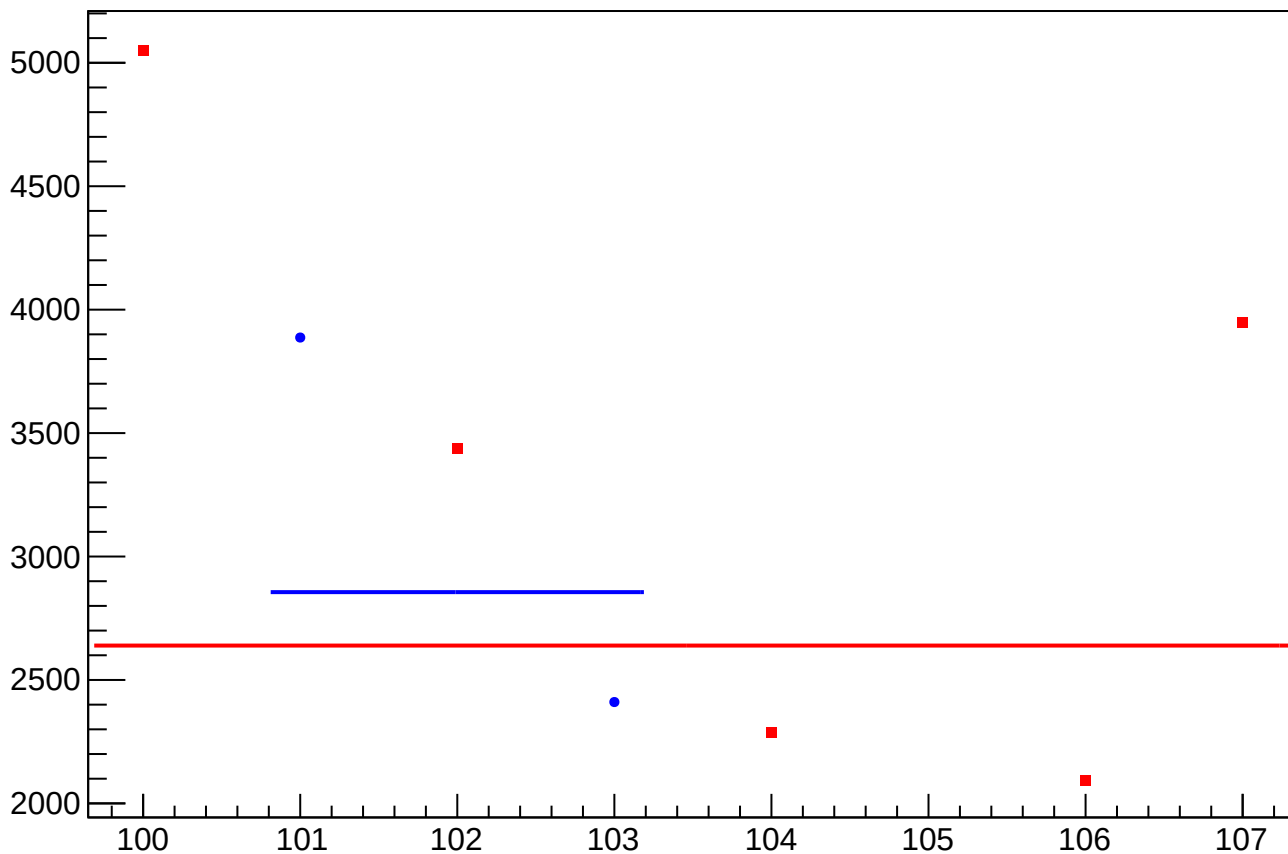
Right: -2156.700+/-1659.839 χ^2 /NDF: 4.2/6

In: -1314.695+/-2634.051 χ^2 /NDF:0.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2156.700+/-1659.839 χ^2 /NDF: 4.2/6

asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2855.782 $\pm$ 1.862 χ^2 /NDF: 132357.2/1

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

Right Out: 2639.325 $\pm$ 1.511 χ^2 /NDF: 202835.2/4

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

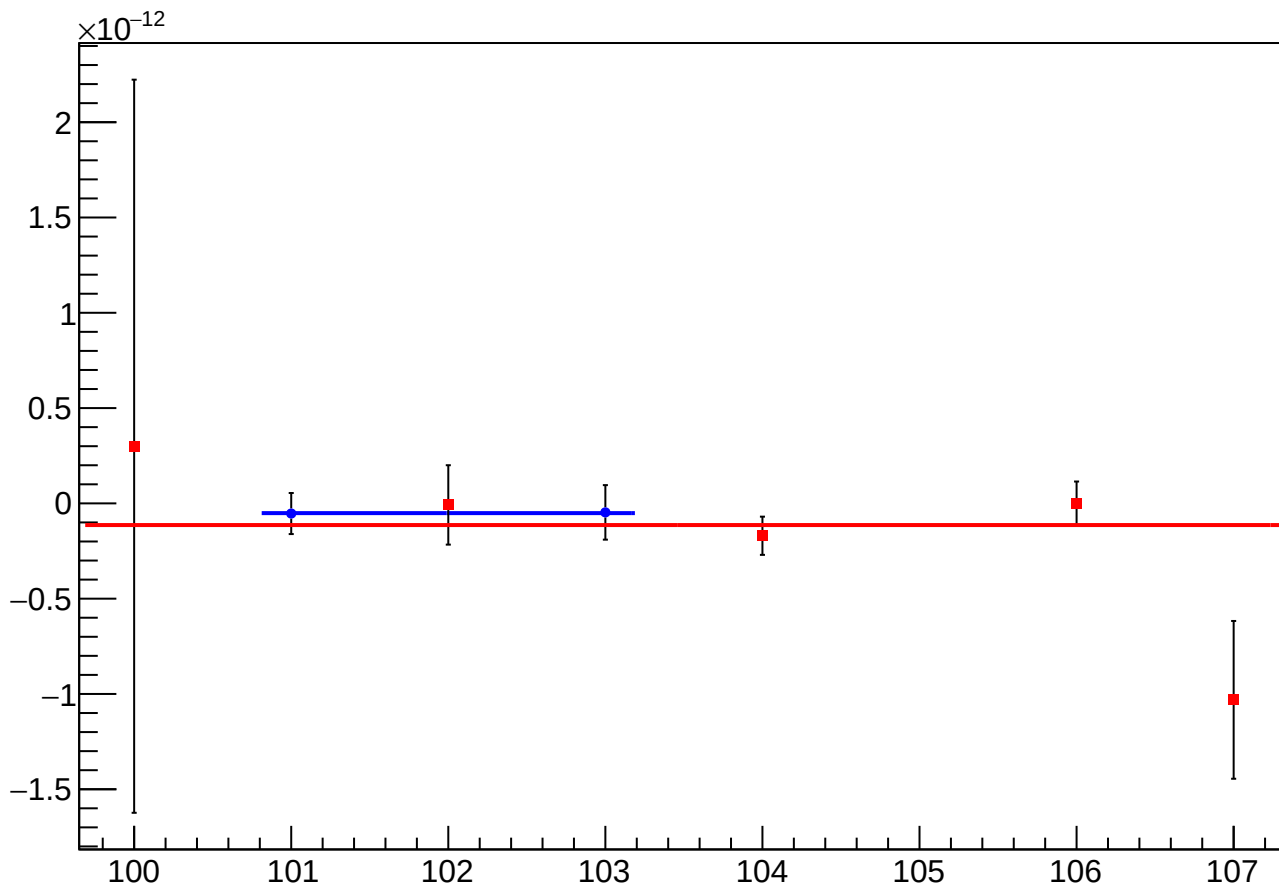
Right: 2725.274 $\pm$ 1.174 χ^2 /NDF: 343336.1/6

In: 2855.782 $\pm$ 1.862 χ^2 /NDF:132357.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2725.274 $\pm$ 1.174 χ^2 /NDF: 343336.1/6

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.0/1

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

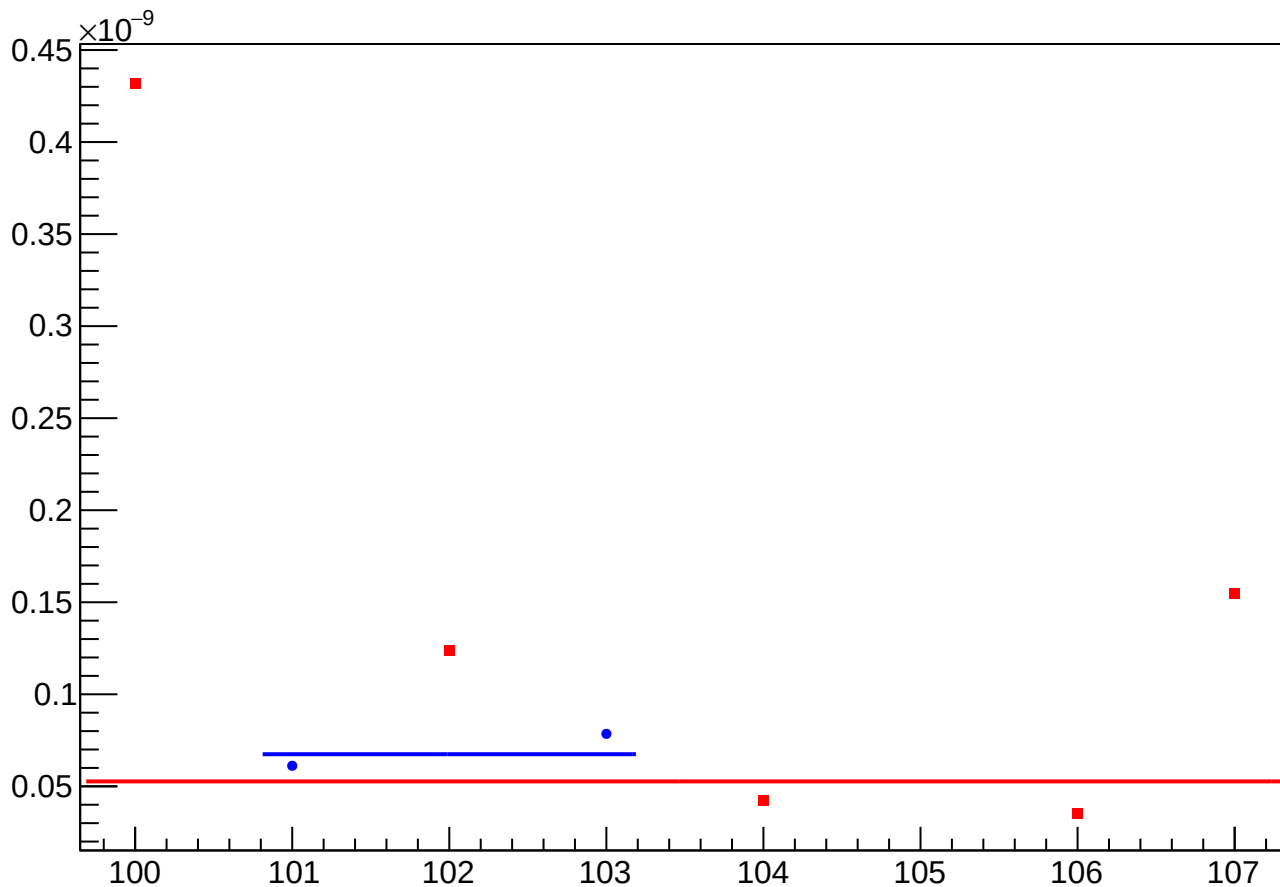
Right: -0.000+/-0.000 χ^2 /NDF: 6.8/6

In: -0.000+/-0.000 χ^2 /NDF:0.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 6.8/6

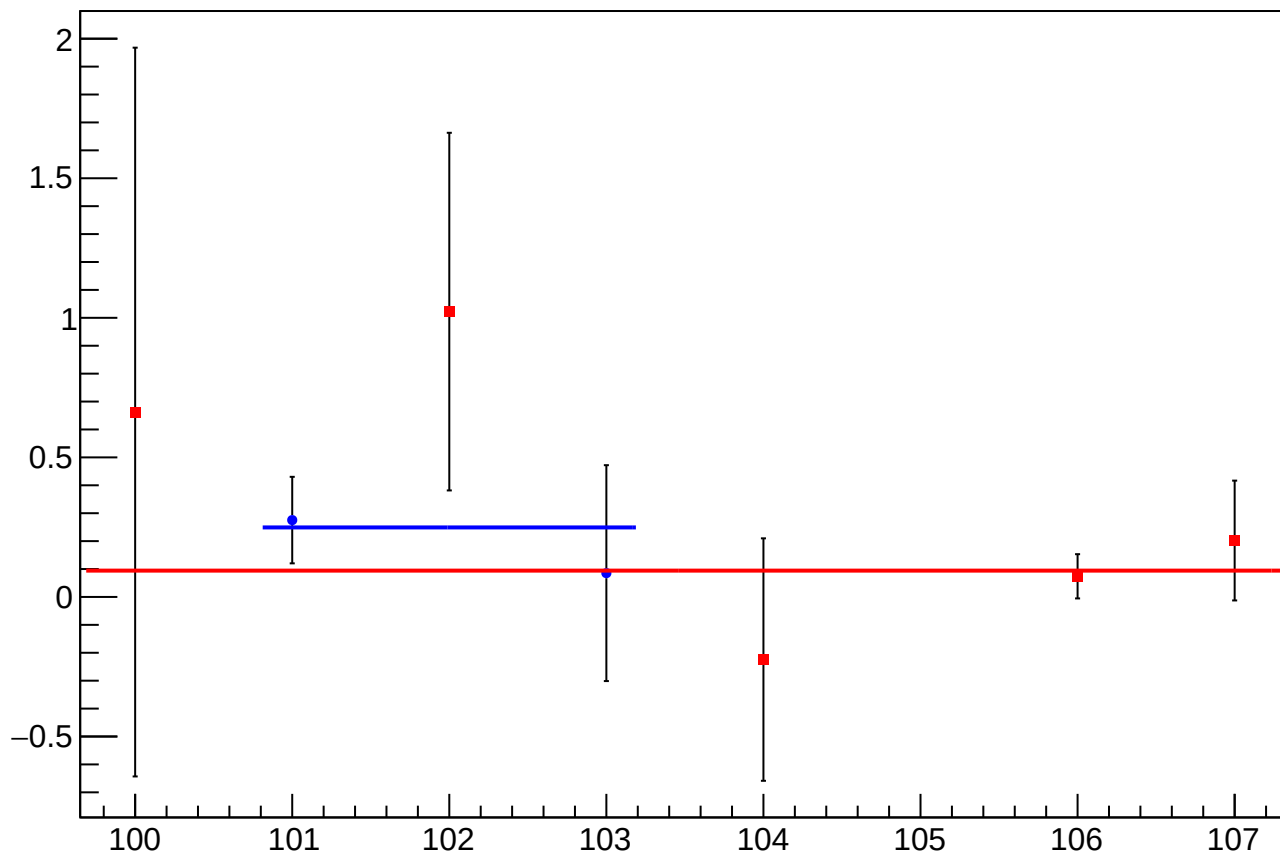
asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 18773.8/1
 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 : 555346.0/6
 In: 0.000+/-0.000 χ^2/NDF : 18773.8/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 555346.0/6

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.249 $\pm$ 0.144 χ^2 /NDF: 0.2/1

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

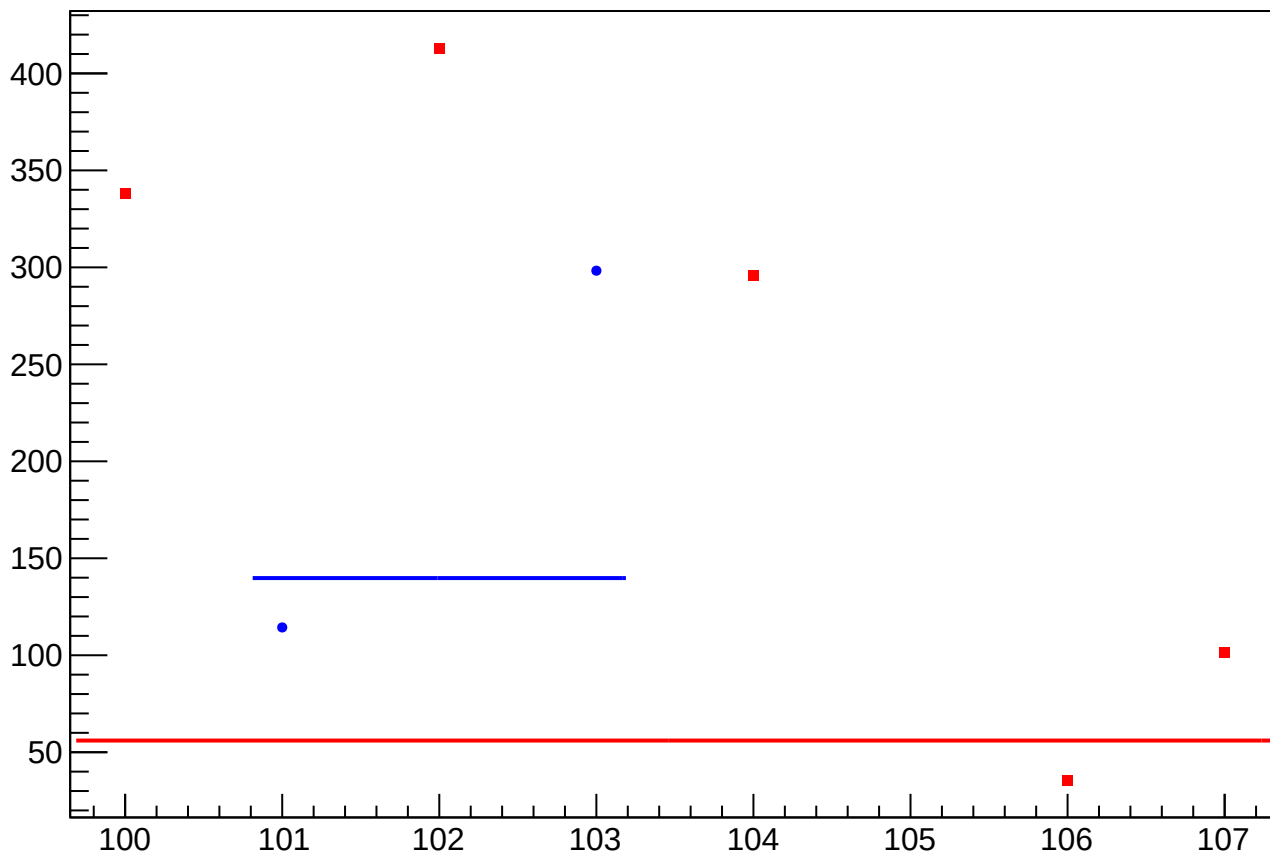
Right: 0.126 $\pm$ 0.065 χ^2 /NDF: 4.3/6

In: 0.249 $\pm$ 0.144 χ^2 /NDF: 0.2/1

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

All: 0.126 $\pm$ 0.065 χ^2 /NDF: 4.3/6

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.798+/-0.102 χ^2/NDF : 389858.6/1

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

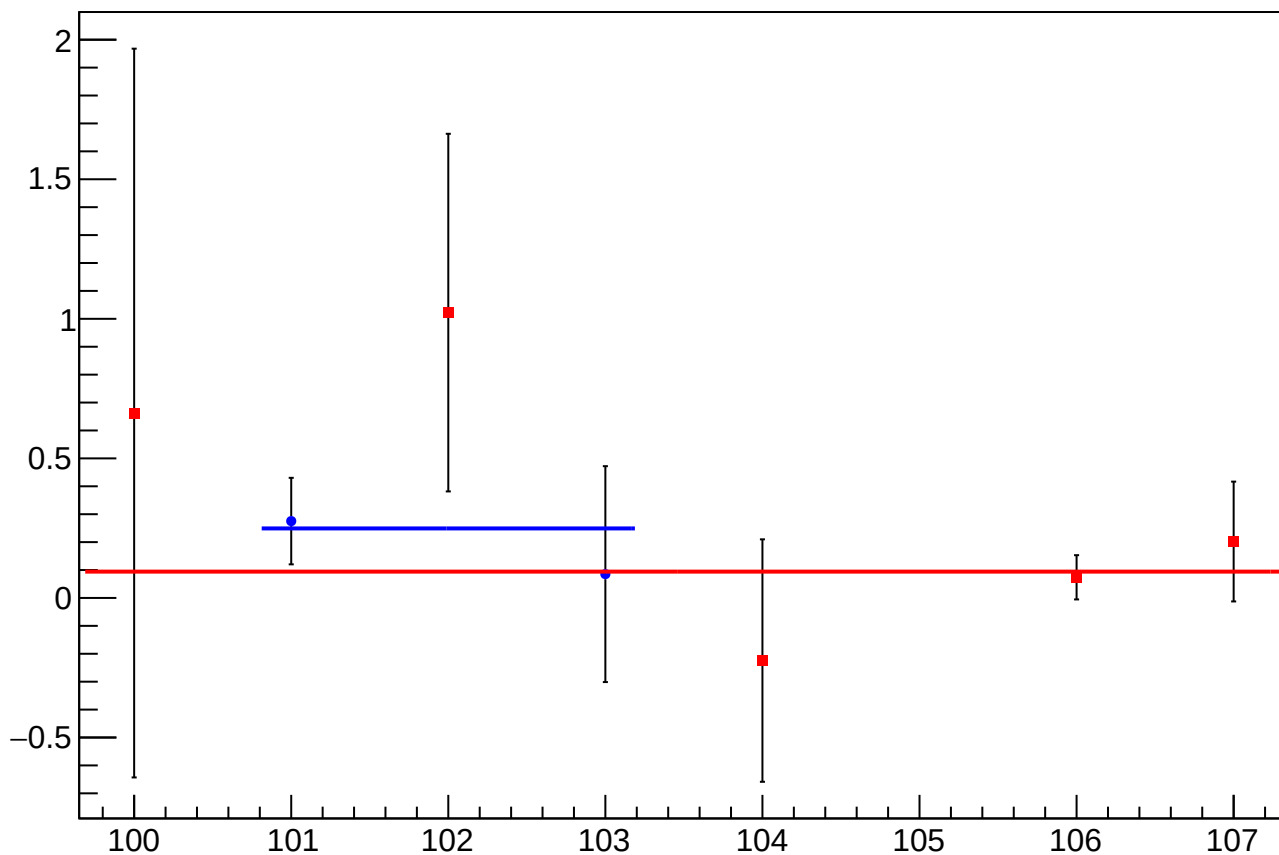
Right: 73.069+/-0.046 χ^2/NDF : 2480339.1/6

In: 139.798+/-0.102 χ^2/NDF : 389858.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.069+/-0.046 χ^2/NDF : 2480339.1/6

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.249 $\pm$ 0.144 χ^2 /NDF: 0.2/1

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

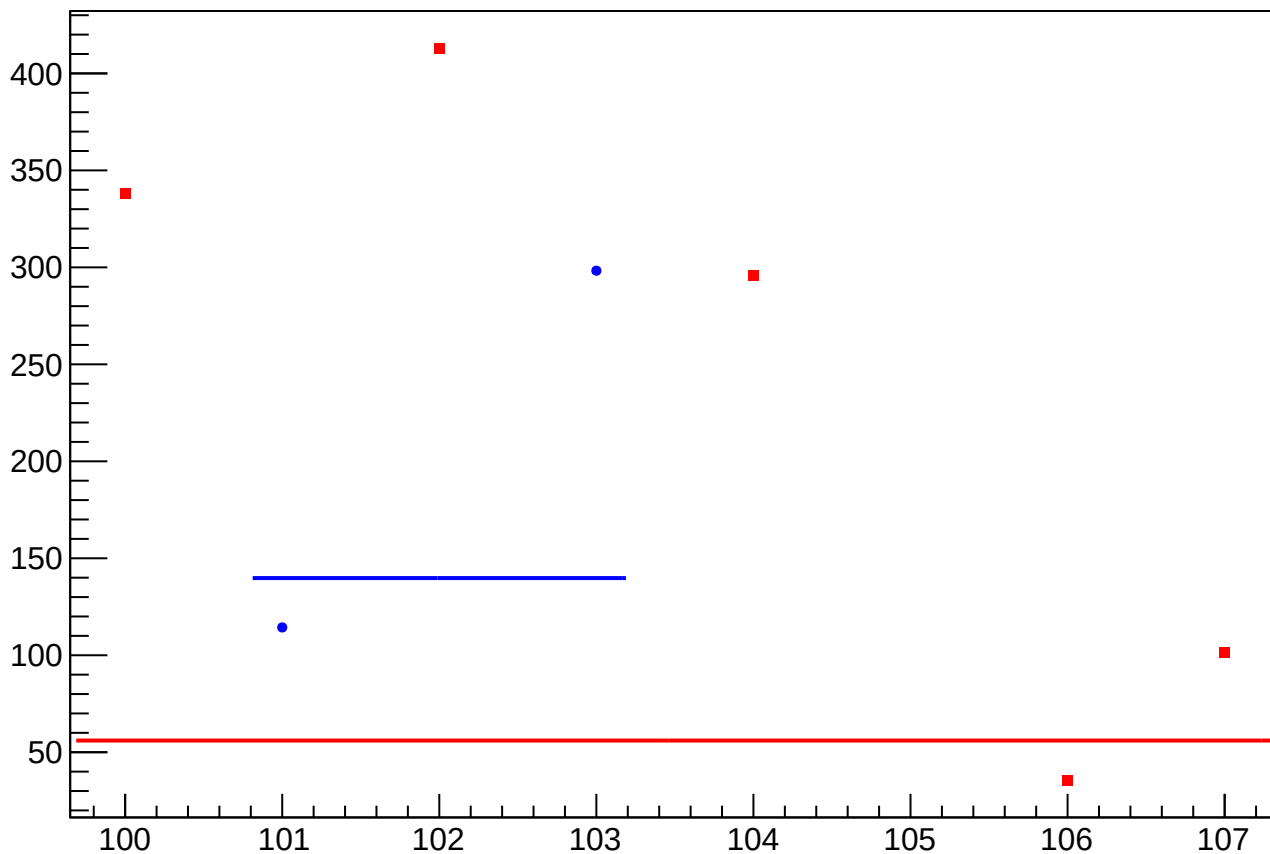
Right: 0.126 $\pm$ 0.065 χ^2 /NDF: 4.3/6

In: 0.249 $\pm$ 0.144 χ^2 /NDF: 0.2/1

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

All: 0.126 $\pm$ 0.065 χ^2 /NDF: 4.3/6

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.798+/-0.102 χ^2/NDF : 389858.6/1

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

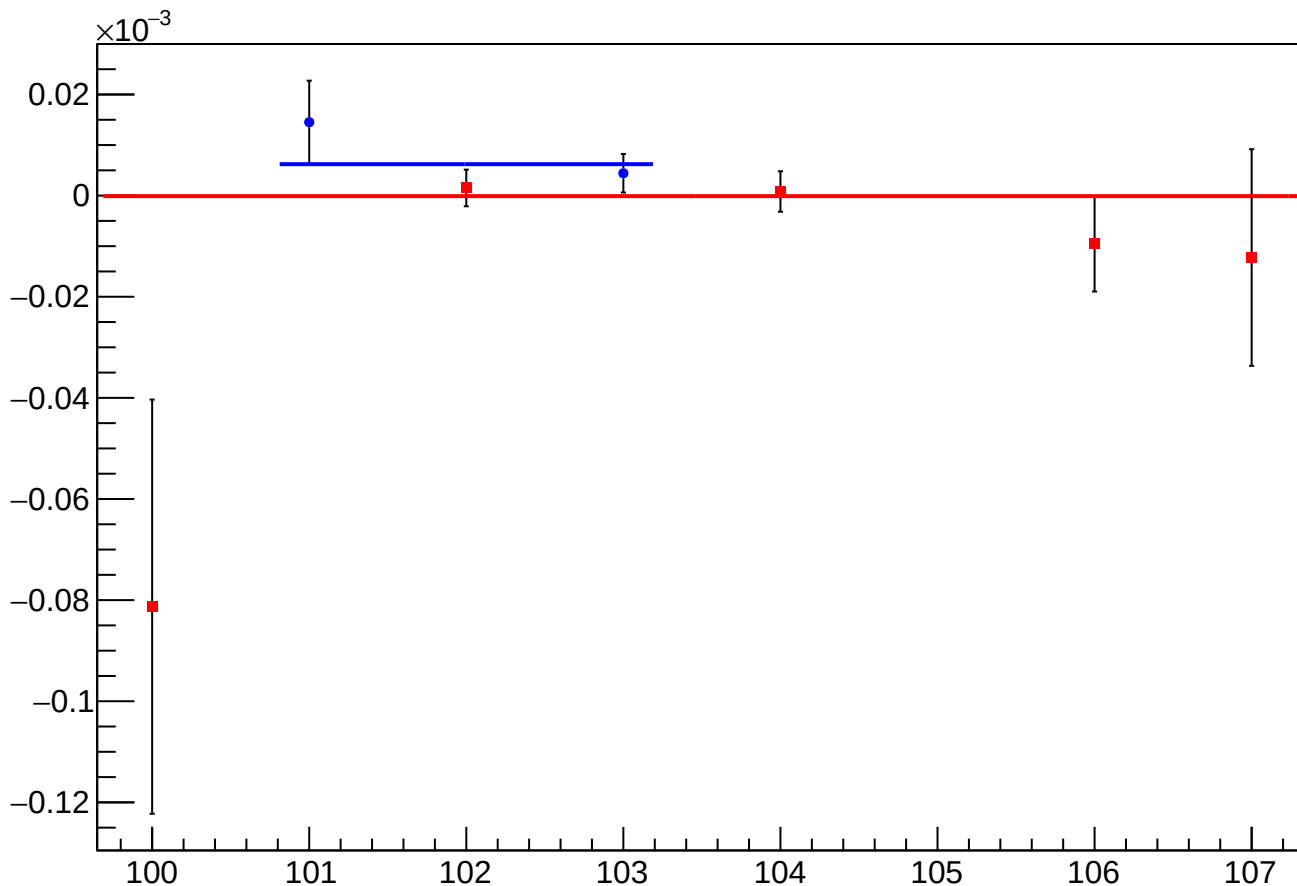
Right: 73.069+/-0.046 χ^2/NDF : 2480339.1/6

In: 139.798+/-0.102 χ^2/NDF : 389858.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.069+/-0.046 χ^2/NDF : 2480339.1/6

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 : 1.2/1

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

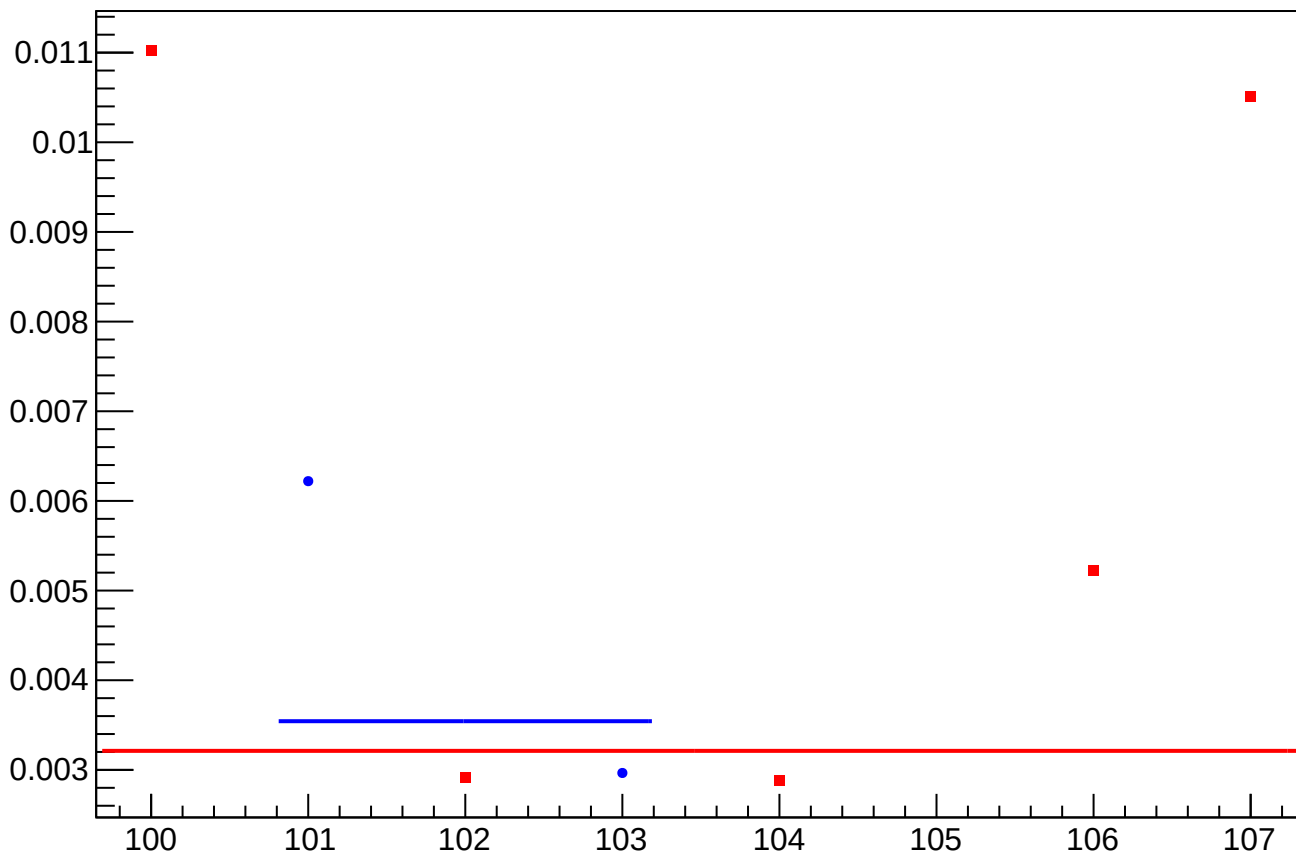
Right: 0.000+/-0.000 χ^2/NDF : 8.9/6

In: 0.000+/-0.000 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.9/6

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 : 258400.6/1

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

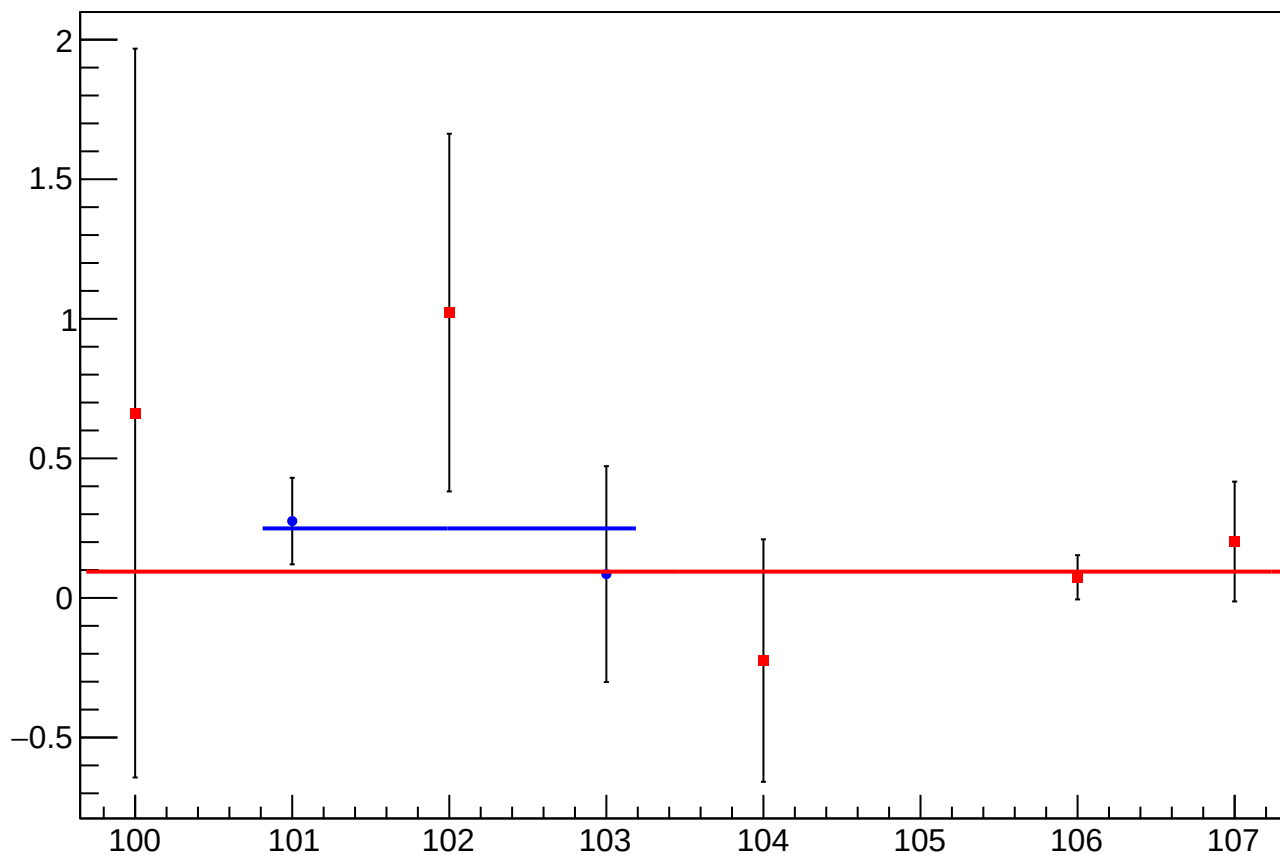
Right: 0.003+/-0.000 χ^2/NDF : 692274.4/6

In: 0.004+/-0.000 χ^2/NDF : 258400.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 692274.4/6

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.249 $\pm$ 0.144 χ^2 /NDF: 0.2/1

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

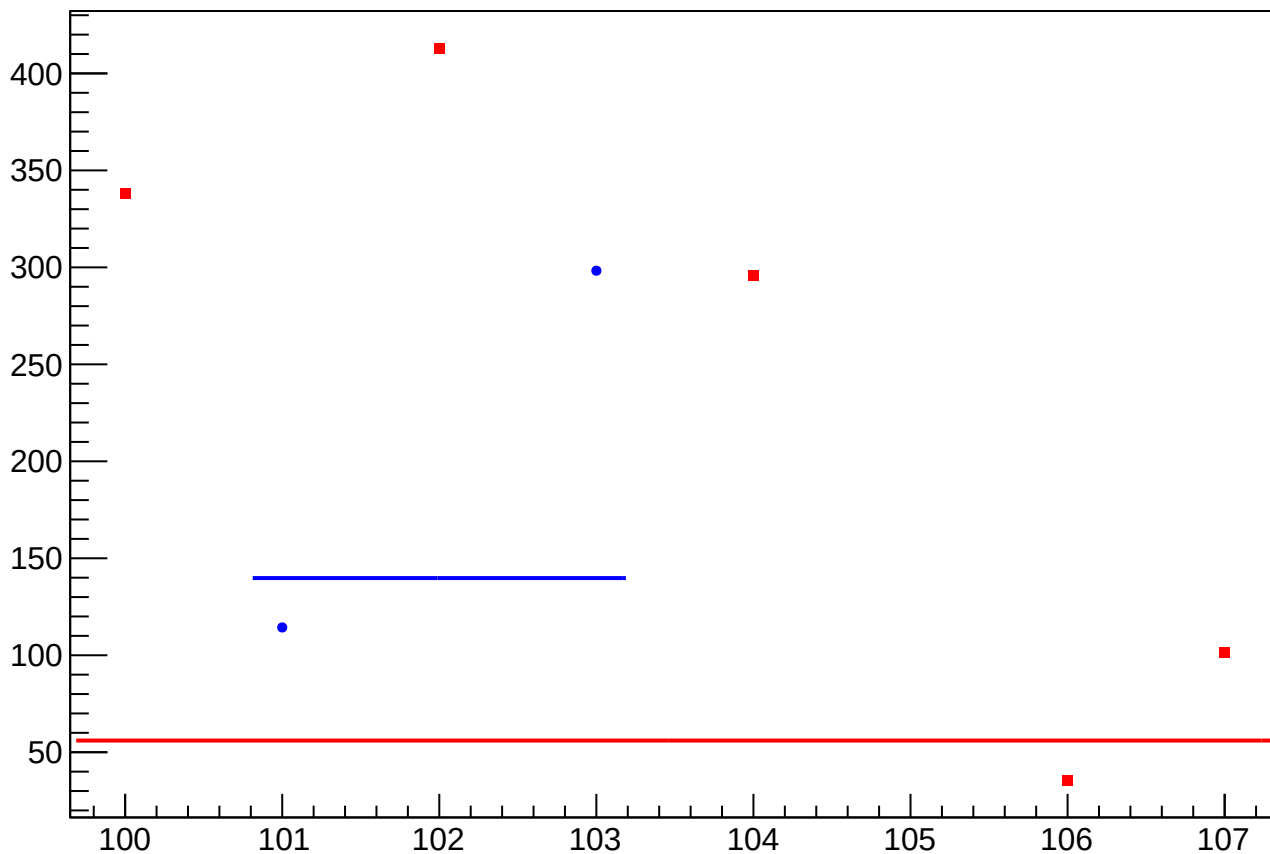
Right: 0.126 $\pm$ 0.065 χ^2 /NDF: 4.3/6

In: 0.249 $\pm$ 0.144 χ^2 /NDF: 0.2/1

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

All: 0.126 $\pm$ 0.065 χ^2 /NDF: 4.3/6

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.799 $\pm$ 0.102 χ^2 /NDF: 389857.4/1

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

Right Out: 56.028 $\pm$ 0.051 χ^2 /NDF: 1550291.7/4

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

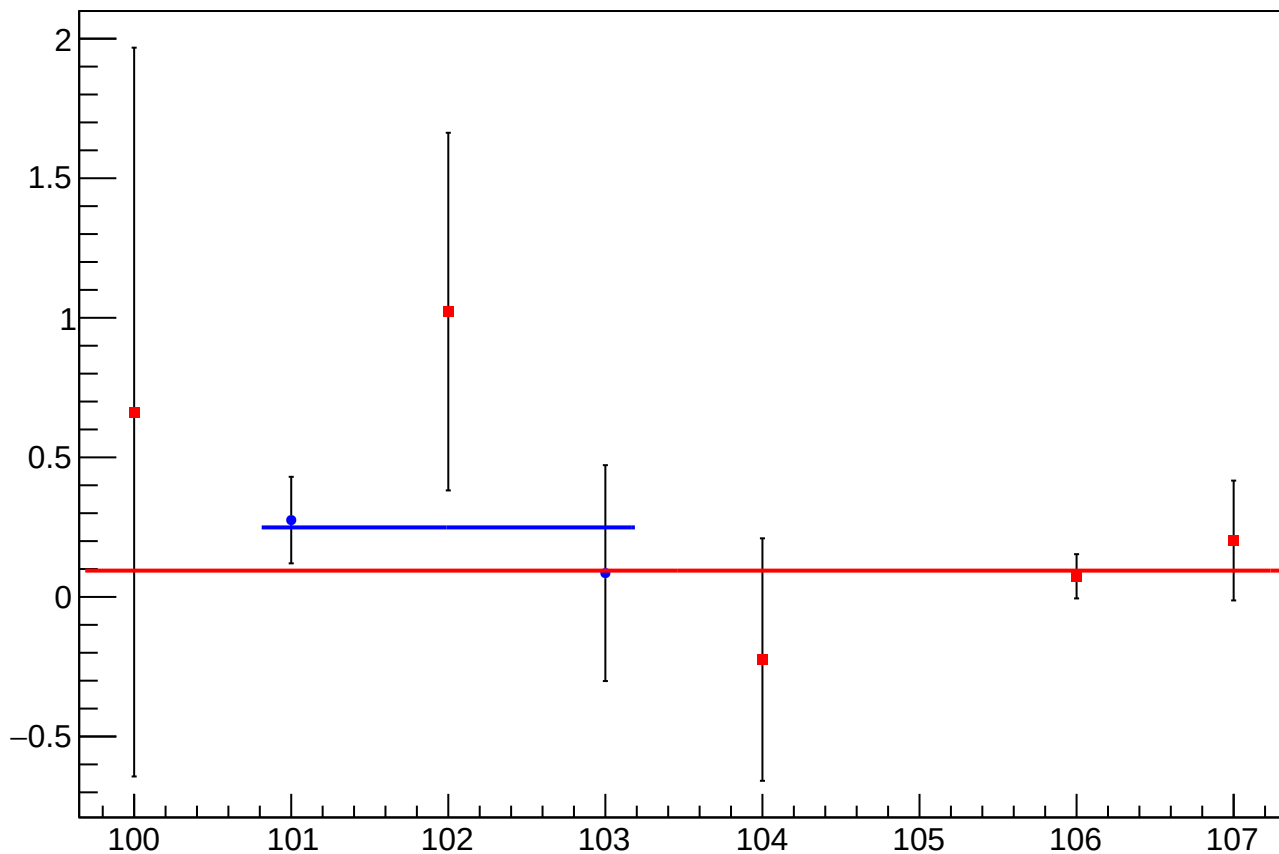
Right: 73.070 $\pm$ 0.046 χ^2 /NDF: 2480344.3/6

In: 139.799 $\pm$ 0.102 χ^2 /NDF:389857.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 73.070 $\pm$ 0.046 χ^2 /NDF: 2480344.3/6

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.249 $\pm$ 0.144 χ^2 /NDF: 0.2/1

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

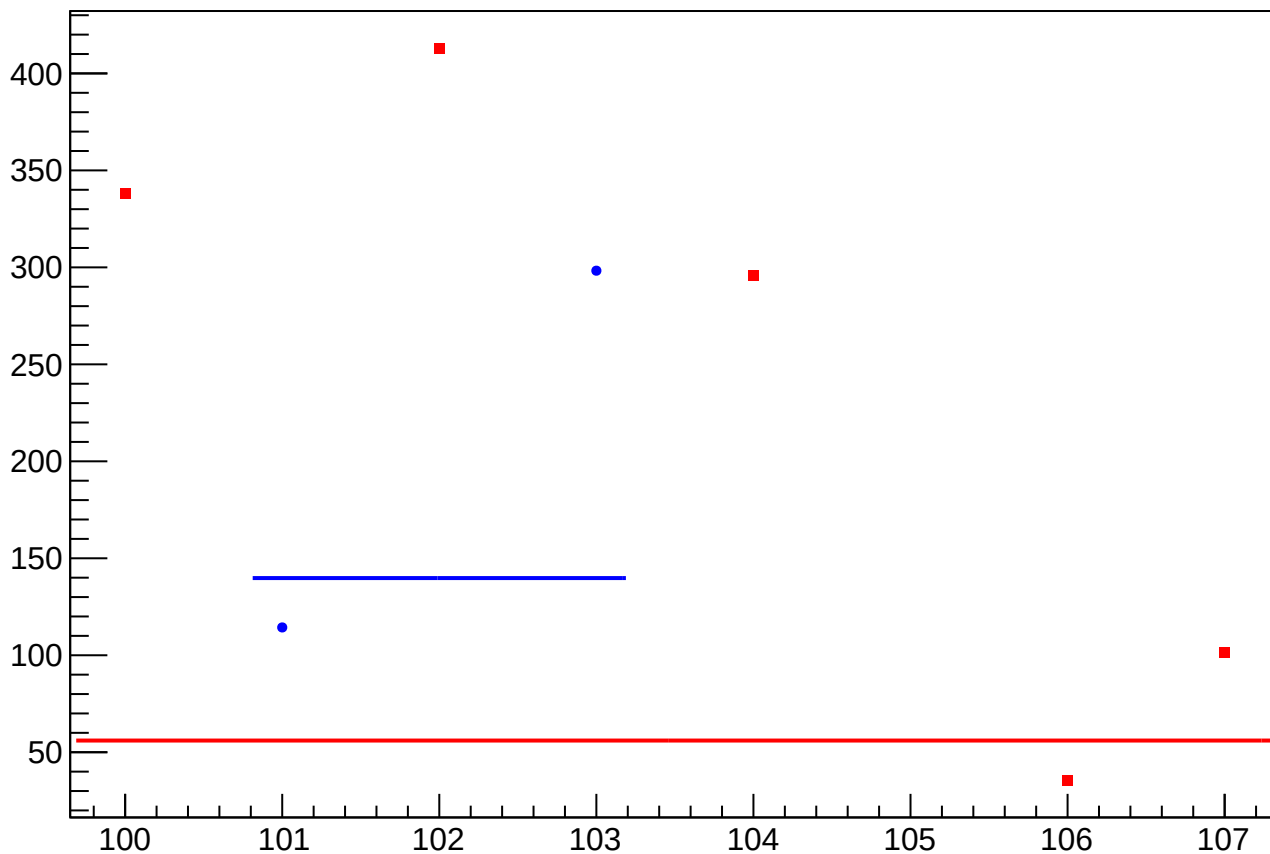
Right: 0.126 $\pm$ 0.065 χ^2 /NDF: 4.3/6

In: 0.249 $\pm$ 0.144 χ^2 /NDF: 0.2/1

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

All: 0.126 $\pm$ 0.065 χ^2 /NDF: 4.3/6

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.799 $\pm$ 0.102 χ^2 /NDF: 389857.4/1

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

Right Out: 56.028 $\pm$ 0.051 χ^2 /NDF: 1550291.7/4

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

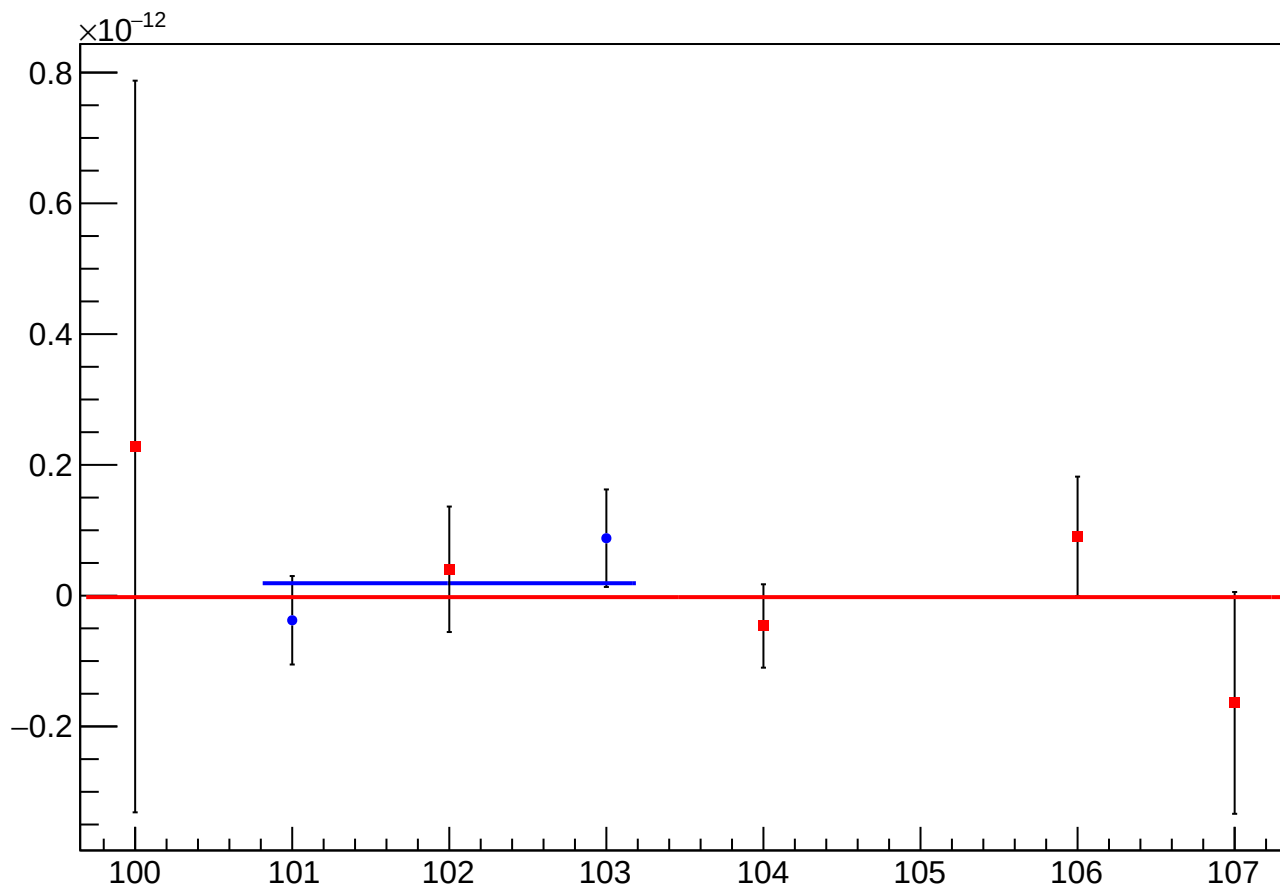
Right: 73.070 $\pm$ 0.046 χ^2 /NDF: 2480344.3/6

In: 139.799 $\pm$ 0.102 χ^2 /NDF:389857.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 73.070 $\pm$ 0.046 χ^2 /NDF: 2480344.3/6

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 : 1.6/1

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

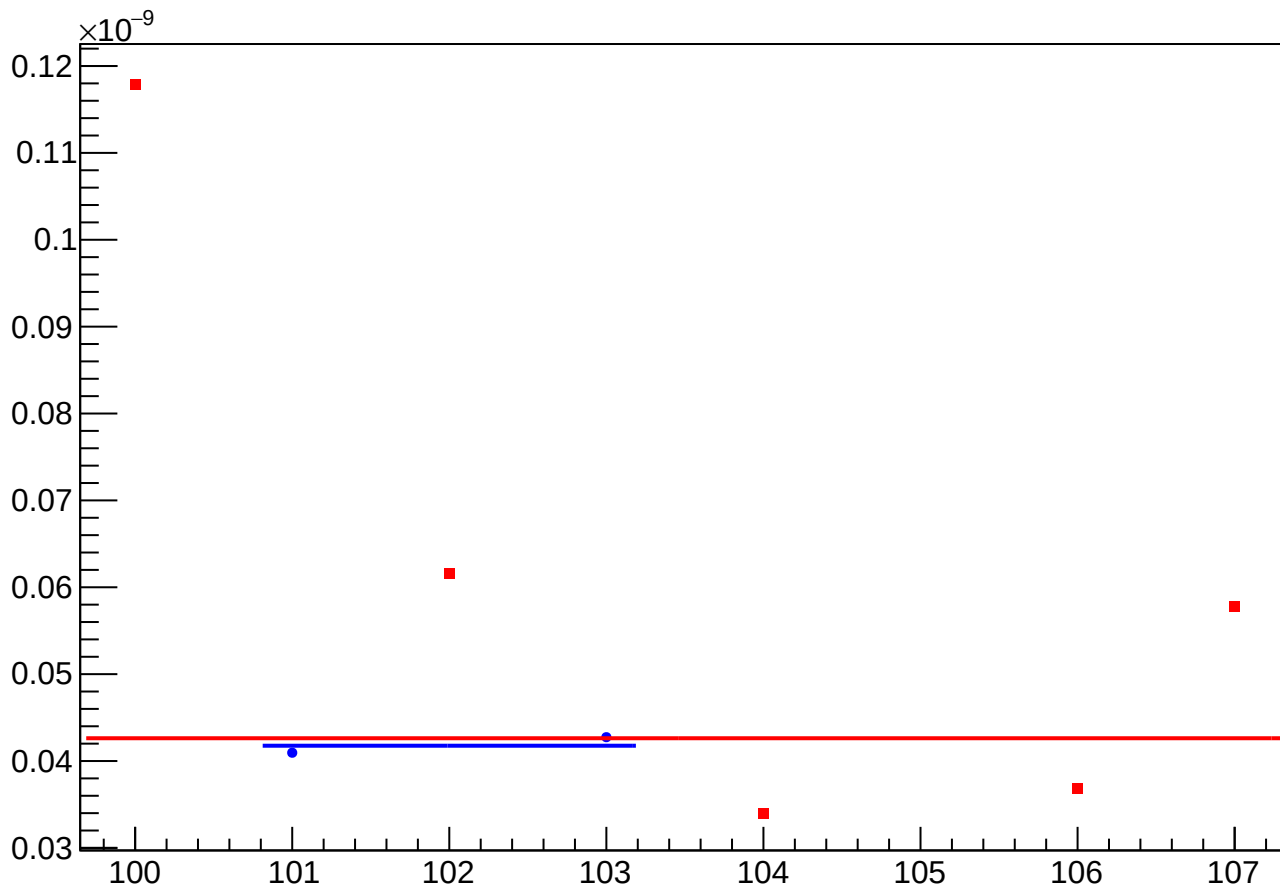
Right: 0.000+/-0.000 χ^2/NDF : 4.4/6

In: 0.000+/-0.000 χ^2/NDF : 1.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.4/6

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 : 632.0/1

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

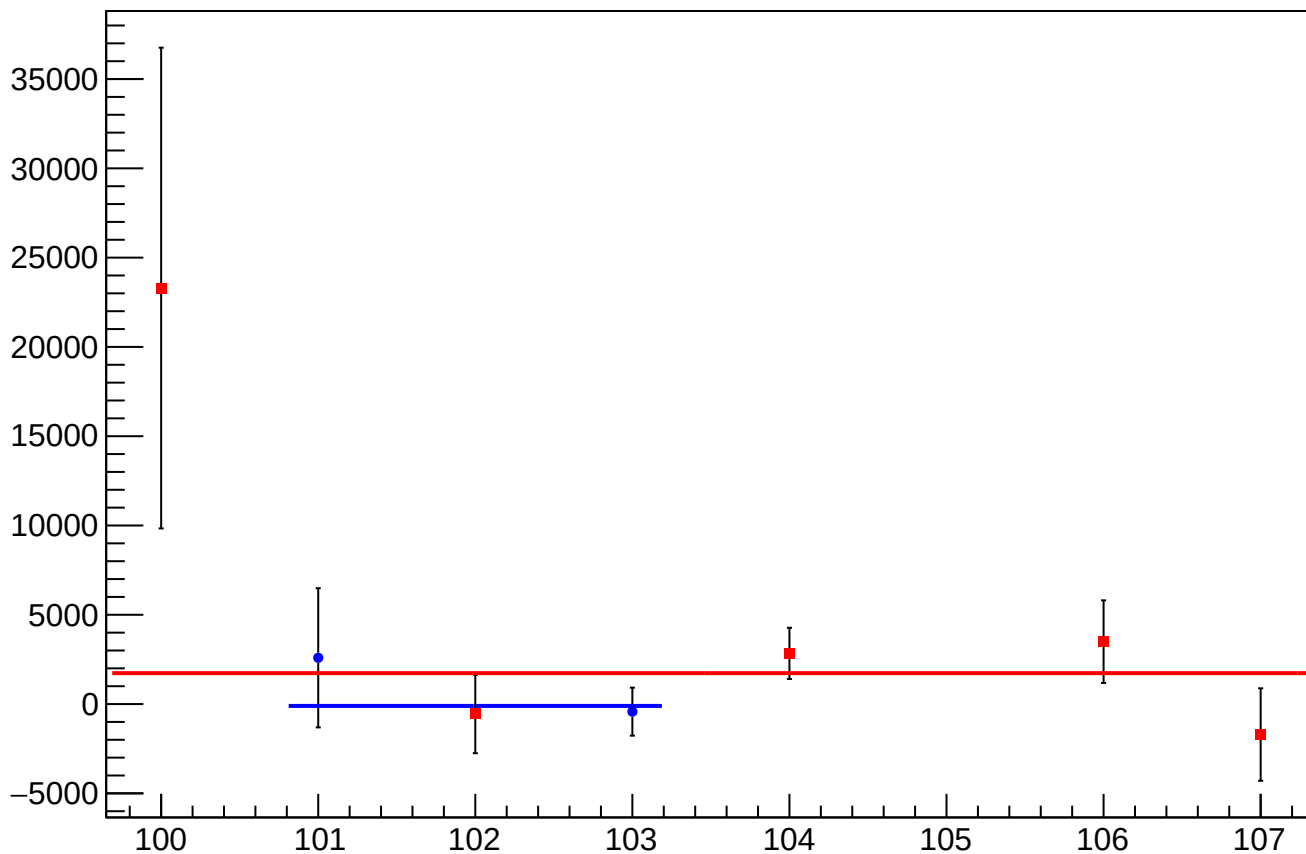
Right: 0.000+/-0.000 χ^2/NDF : 176241.4/6

In: 0.000+/-0.000 χ^2/NDF : 632.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 176241.4/6

reg_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: -104.200+/-1270.185 χ^2/NDF : 0.5/1

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

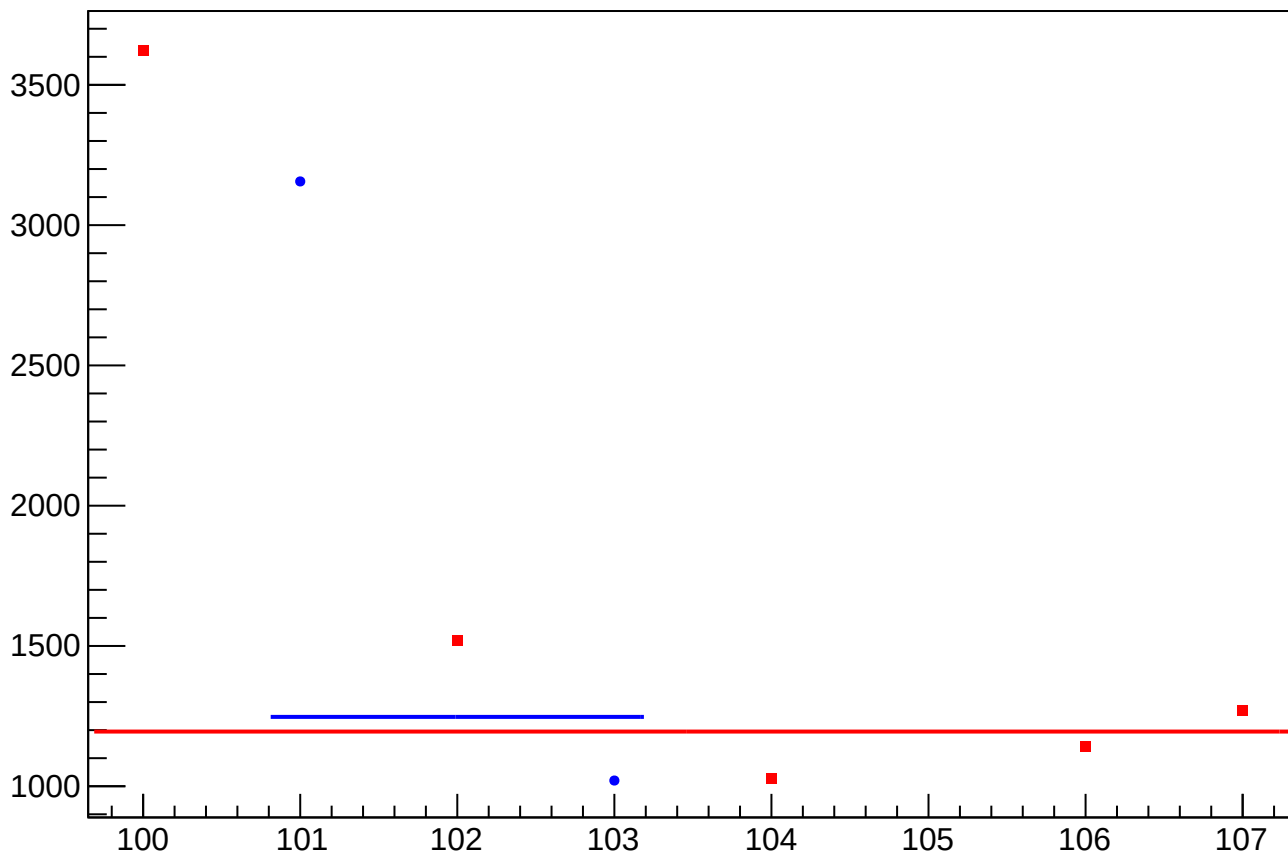
Right: 1044.086+/-777.450 χ^2/NDF : 8.4/6

In: -104.200+/-1270.185 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1044.086+/-777.450 χ^2/NDF : 8.4/6

reg_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1247.195+/-0.898 χ^2/NDF : 536756.5/1

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

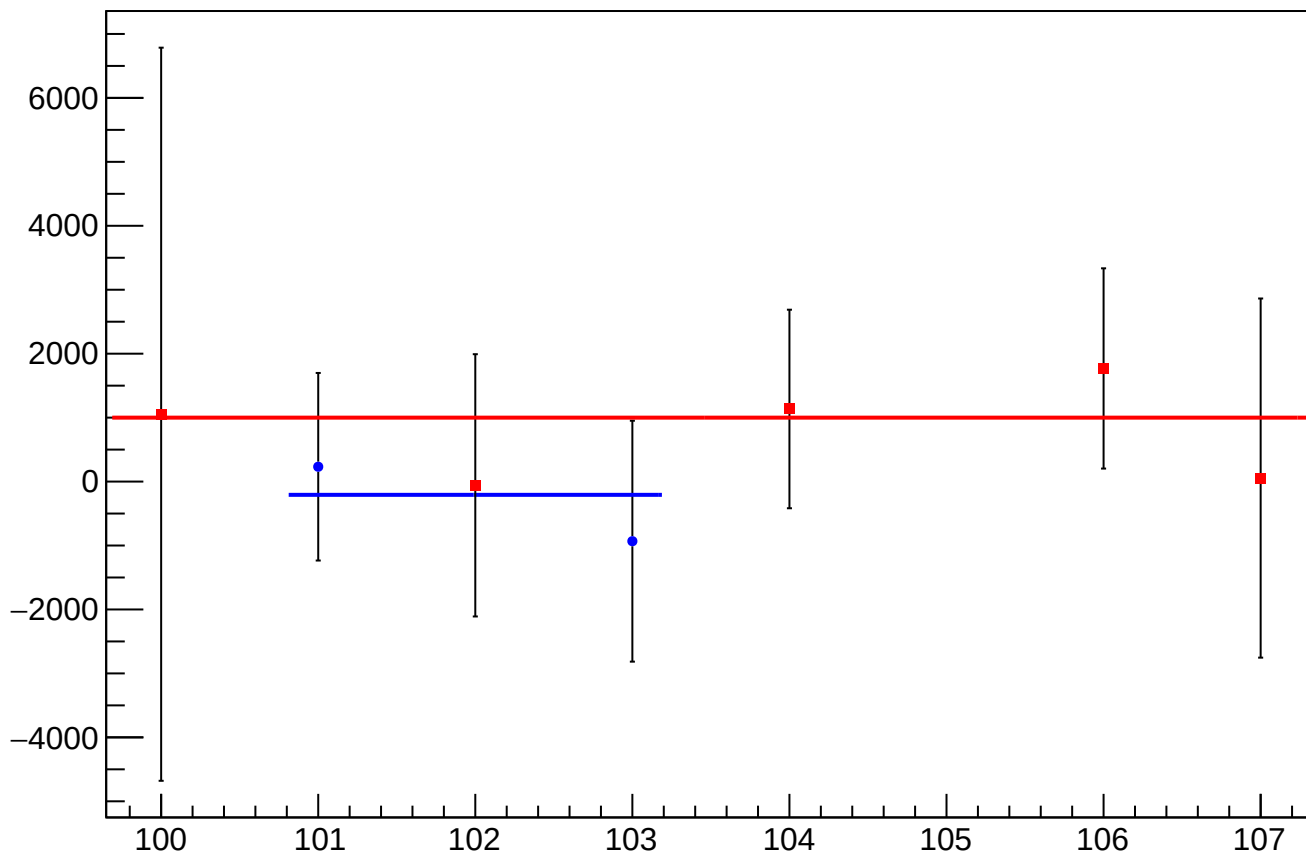
Right: 1214.486+/-0.550 χ^2/NDF : 677881.5/6

In: 1247.195+/-0.898 χ^2/NDF : 536756.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1214.486+/-0.550 χ^2/NDF : 677881.5/6

asym_us_dd_atlr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -207.459+/-1157.265 χ^2/NDF : 0.2/1

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

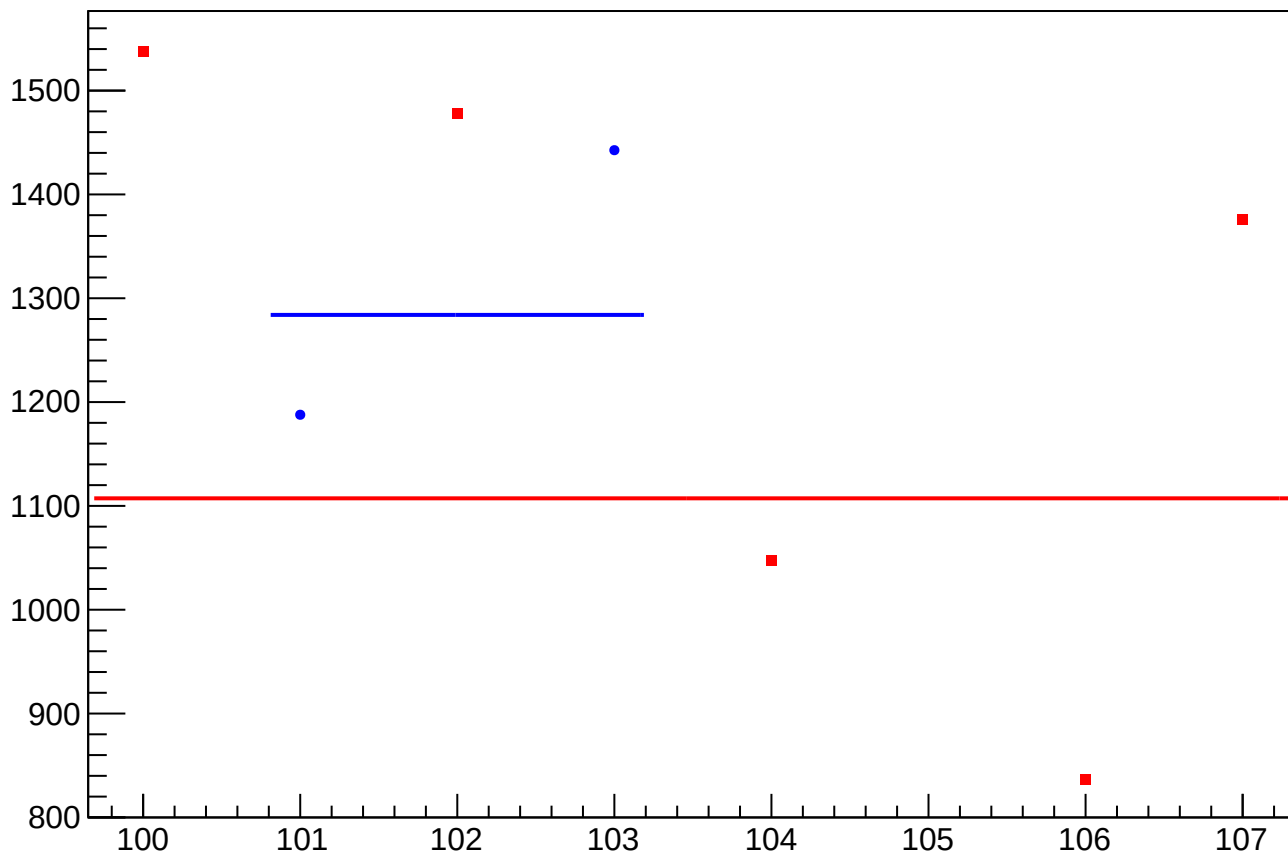
Right: 540.936+/-713.472 χ^2/NDF : 1.5/6

In: -207.459+/-1157.265 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 540.936+/-713.472 χ^2/NDF : 1.5/6

asym_us_dd_atlr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1283.957+/-0.818 χ^2/NDF : 22785.0/1

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

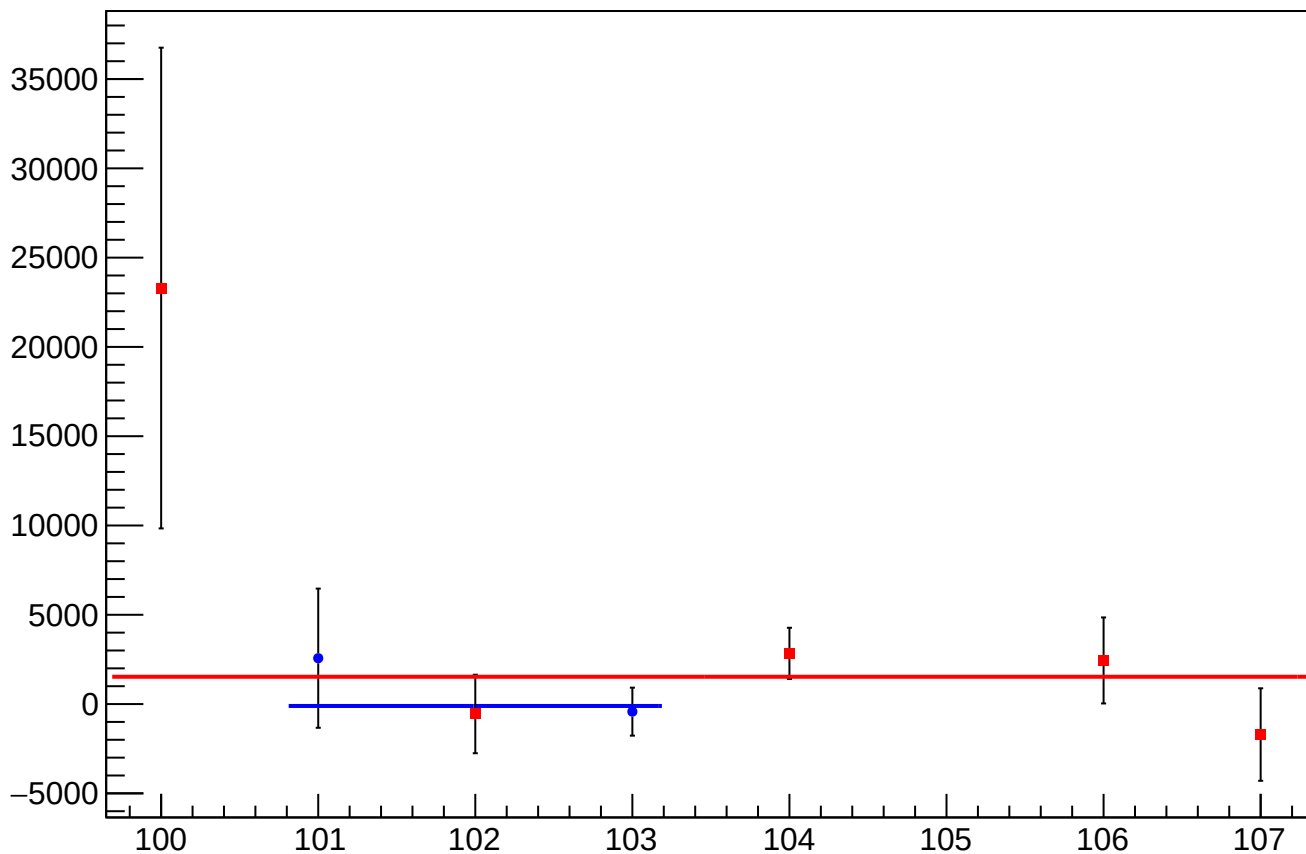
Right: 1174.437+/-0.505 χ^2/NDF : 209347.9/6

In: 1283.957+/-0.818 χ^2/NDF : 22785.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1174.437+/-0.505 χ^2/NDF : 209347.9/6

cor_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: -106.544+/-1270.187 χ^2/NDF : 0.5/1

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

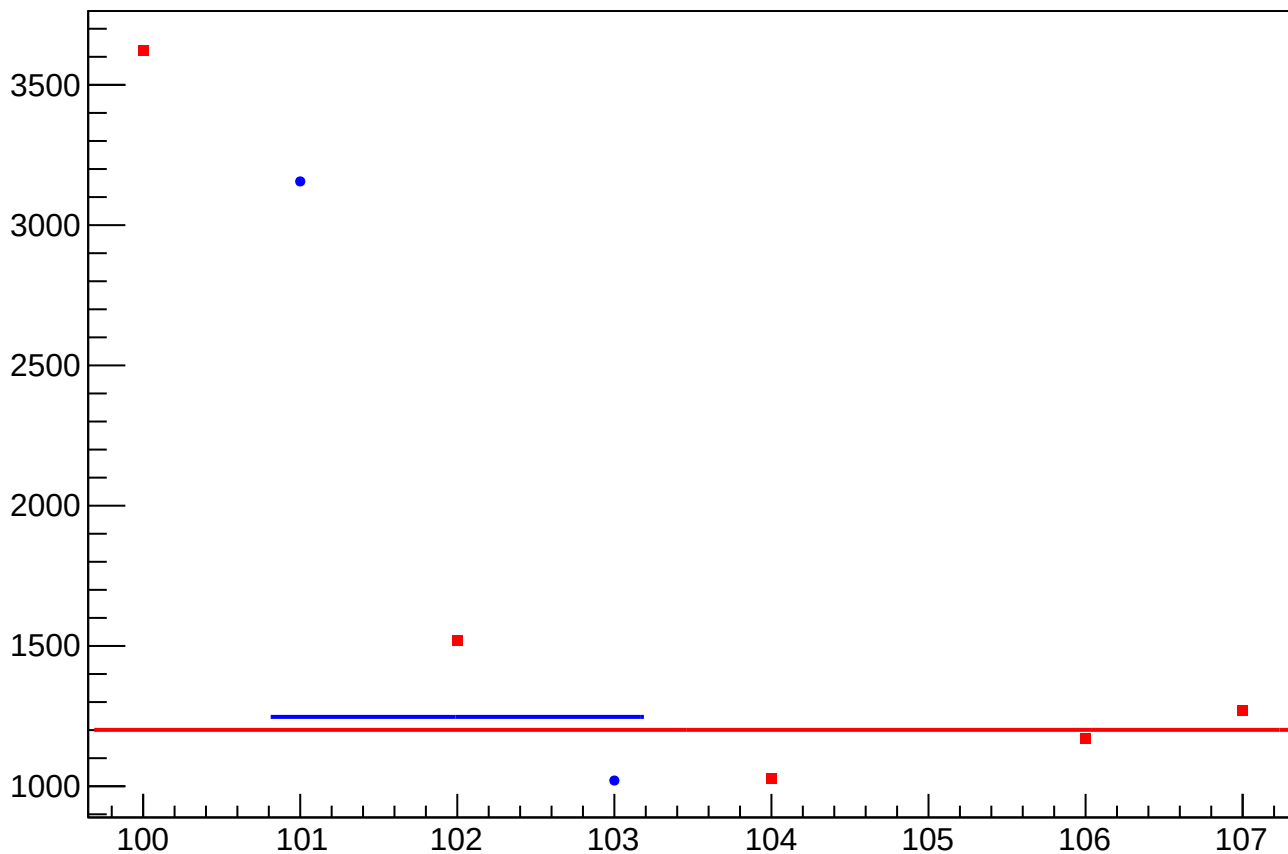
Right: 911.205+/-780.857 χ^2/NDF : 7.6/6

In: -106.544+/-1270.187 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 911.205+/-780.857 χ^2/NDF : 7.6/6

cor_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1247.194+/-0.898 χ^2/NDF : 536758.1/1

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

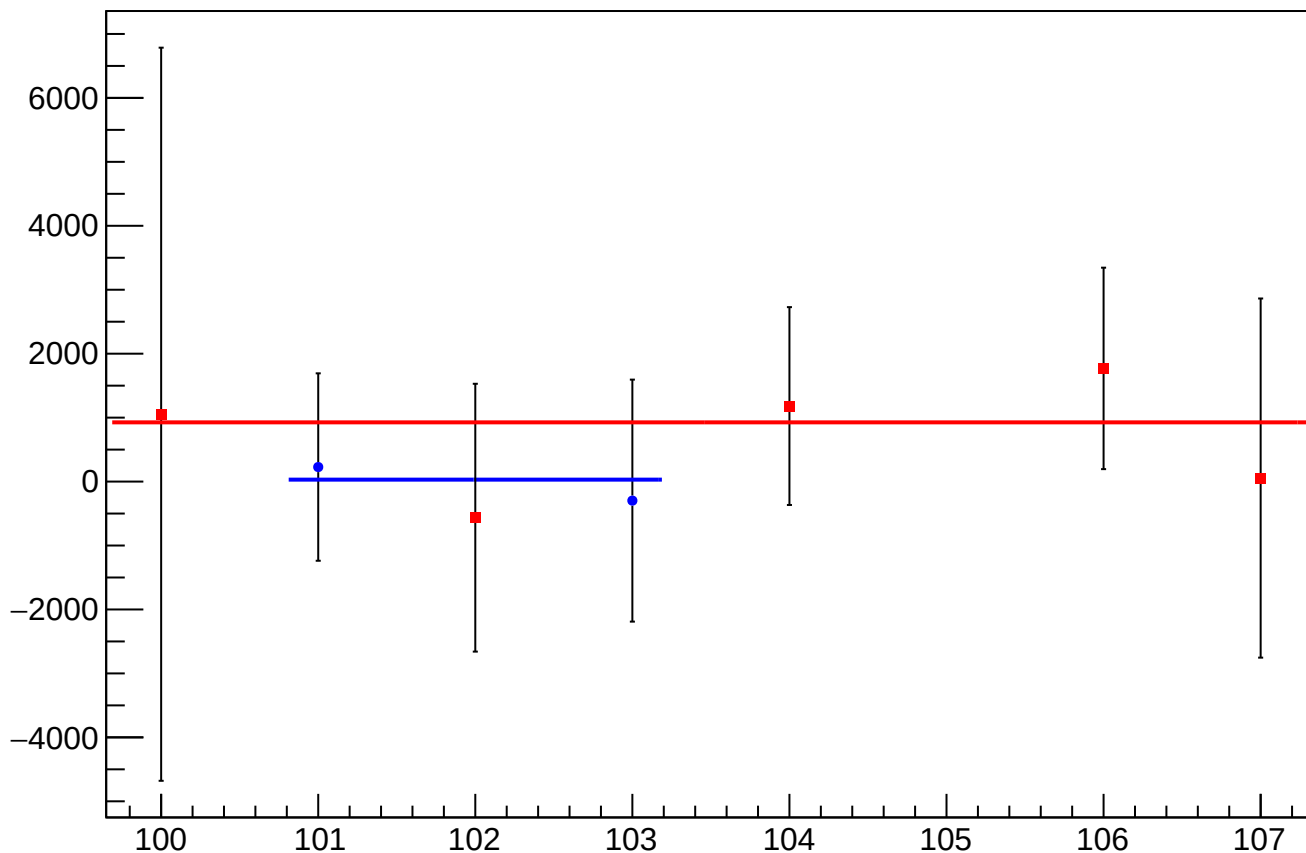
Right: 1218.432+/-0.552 χ^2/NDF : 676411.1/6

In: 1247.194+/-0.898 χ^2/NDF : 536758.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1218.432+/-0.552 χ^2/NDF : 676411.1/6

asym_us_dd_atlr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 30.349+/-1158.646 χ^2/NDF : 0.0/1

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

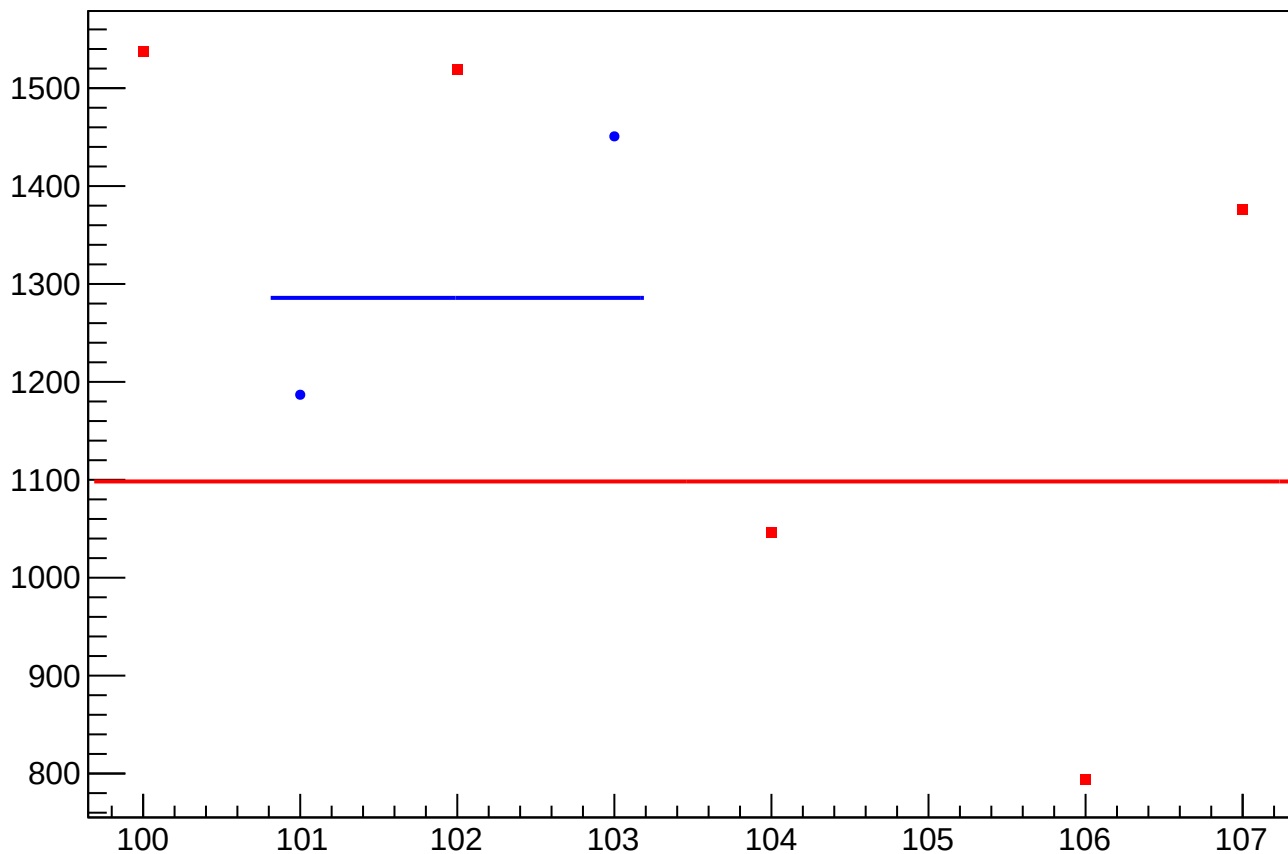
Right: 584.110+/-715.923 χ^2/NDF : 1.3/6

In: 30.349+/-1158.646 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 584.110+/-715.923 χ^2/NDF : 1.3/6

asym_us_dd_atlr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1285.813+/-0.819 χ^2/NDF : 24314.5/1

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

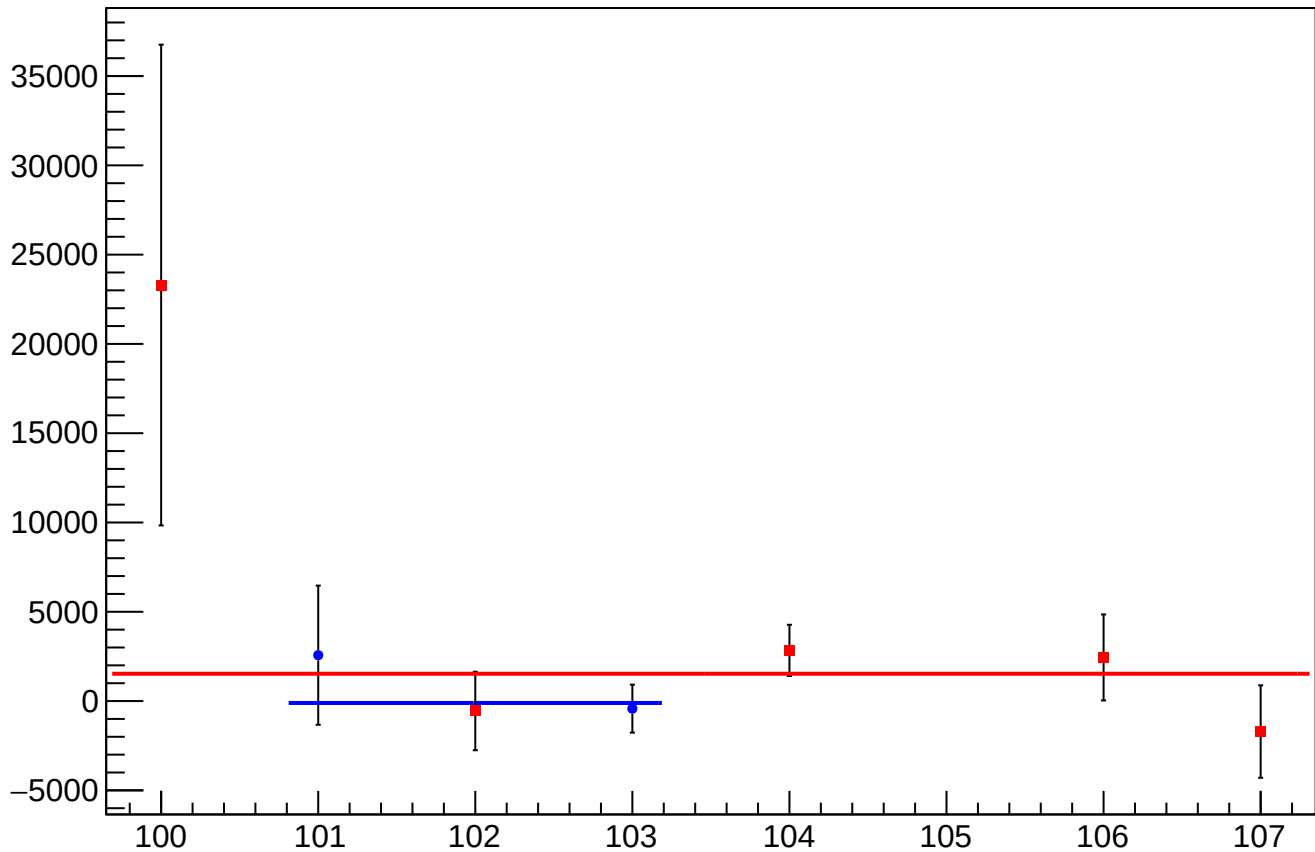
Right: 1169.900+/-0.506 χ^2/NDF : 245656.5/6

In: 1285.813+/-0.819 χ^2/NDF : 24314.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1169.900+/-0.506 χ^2/NDF : 245656.5/6

eigen_cor_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: -106.544+/-1270.187 χ^2/NDF : 0.5/1

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

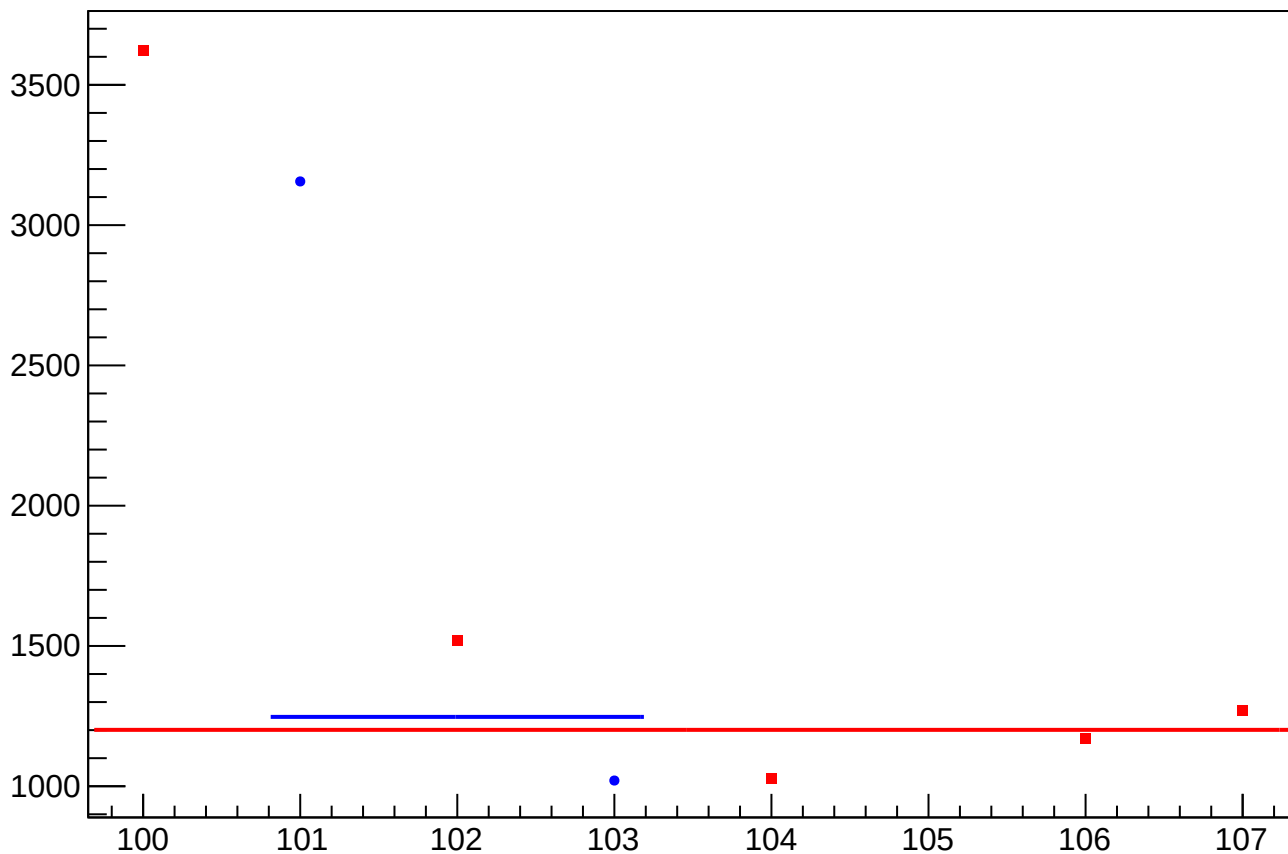
Right: 911.205+/-780.857 χ^2/NDF : 7.6/6

In: -106.544+/-1270.187 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 911.205+/-780.857 χ^2/NDF : 7.6/6

eigen_cor_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1247.194+/-0.898 χ^2/NDF : 536758.1/1

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

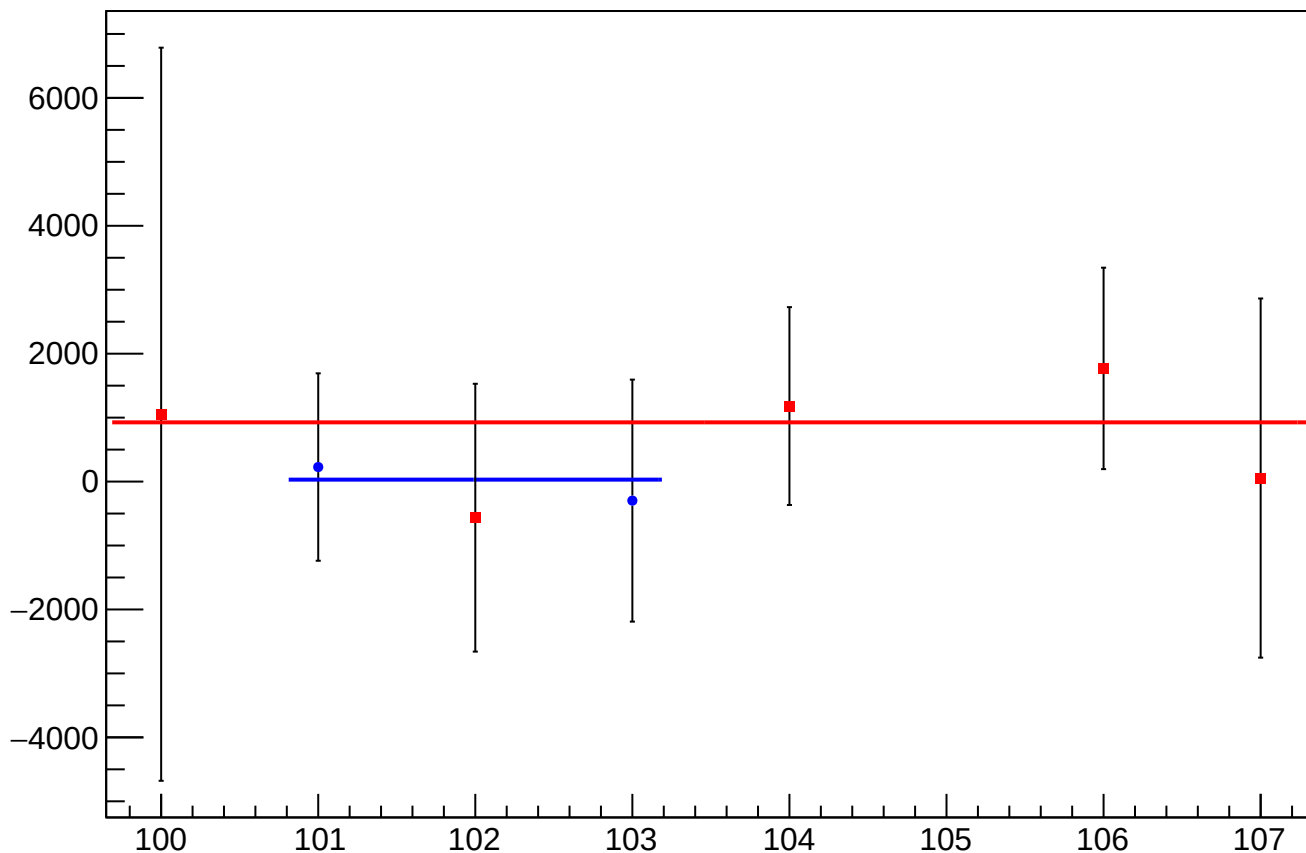
Right: 1218.432+/-0.552 χ^2/NDF : 676411.1/6

In: 1247.194+/-0.898 χ^2/NDF : 536758.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1218.432+/-0.552 χ^2/NDF : 676411.1/6

asym_us_dd_atlr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 30.349+/-1158.646 χ^2/NDF : 0.0/1

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

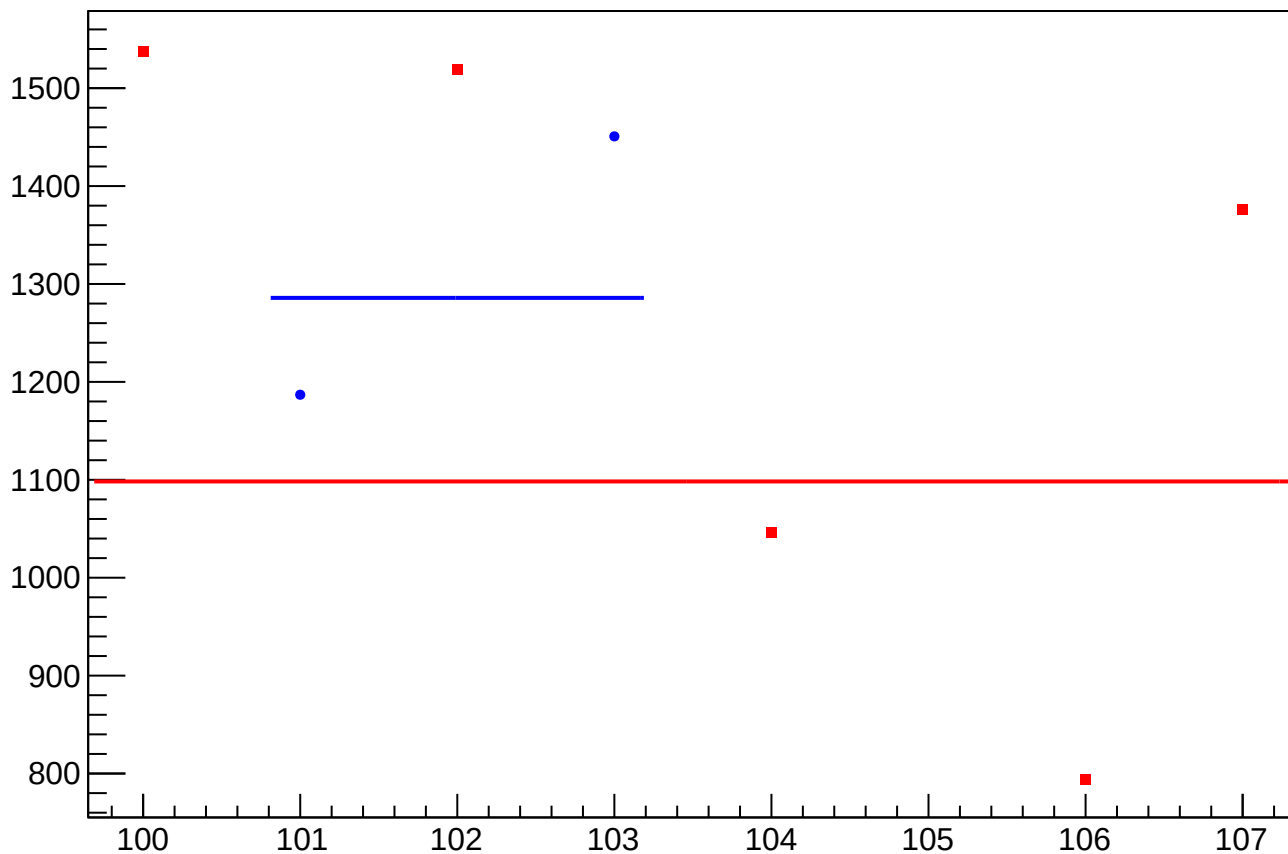
Right: 584.110+/-715.923 χ^2/NDF : 1.3/6

In: 30.349+/-1158.646 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 584.110+/-715.923 χ^2/NDF : 1.3/6

asym_us_dd_atlr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1285.813+/-0.819 χ^2/NDF : 24314.5/1

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

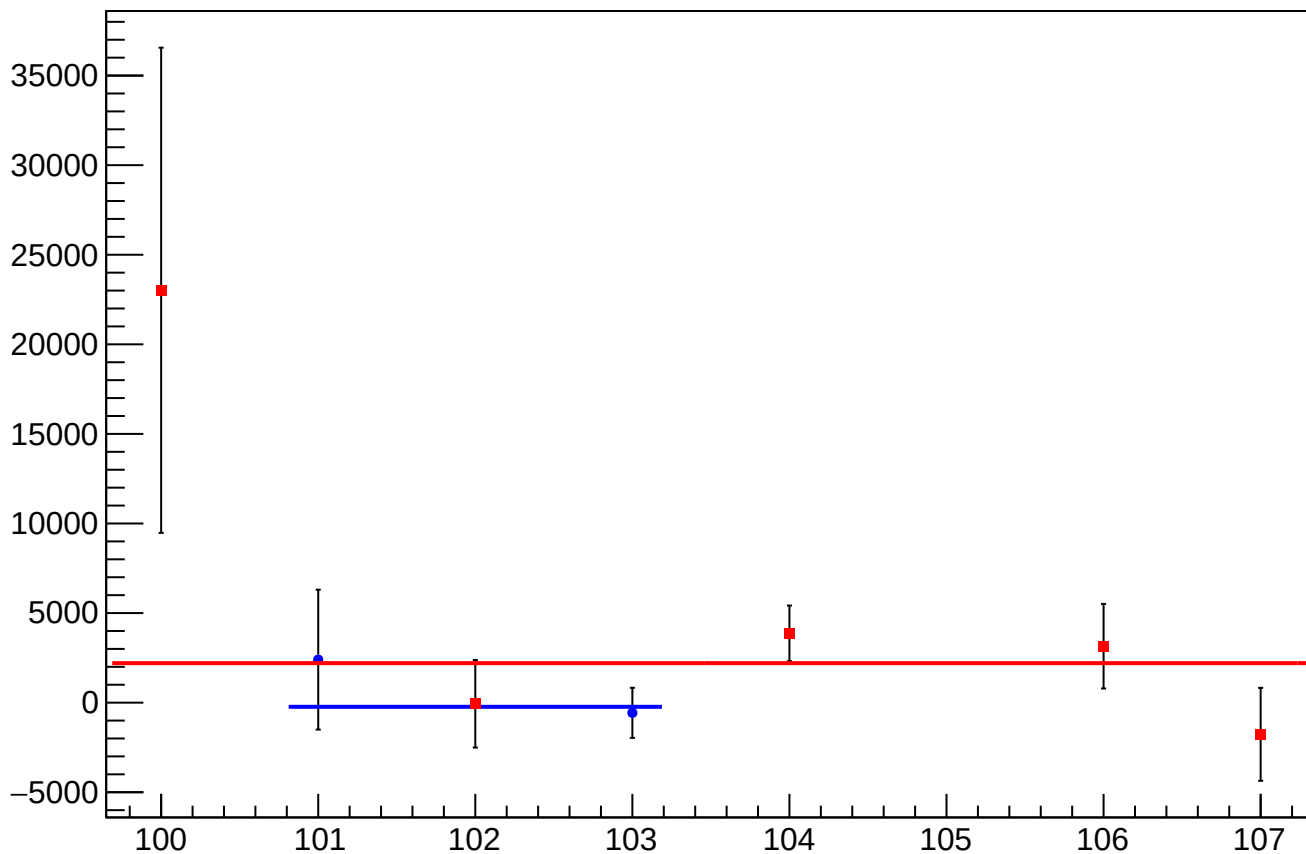
Right: 1169.900+/-0.506 χ^2/NDF : 245656.5/6

In: 1285.813+/-0.819 χ^2/NDF : 24314.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1169.900+/-0.506 χ^2/NDF : 245656.5/6

dit_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: -231.286+/-1316.131 χ^2/NDF : 0.5/1

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

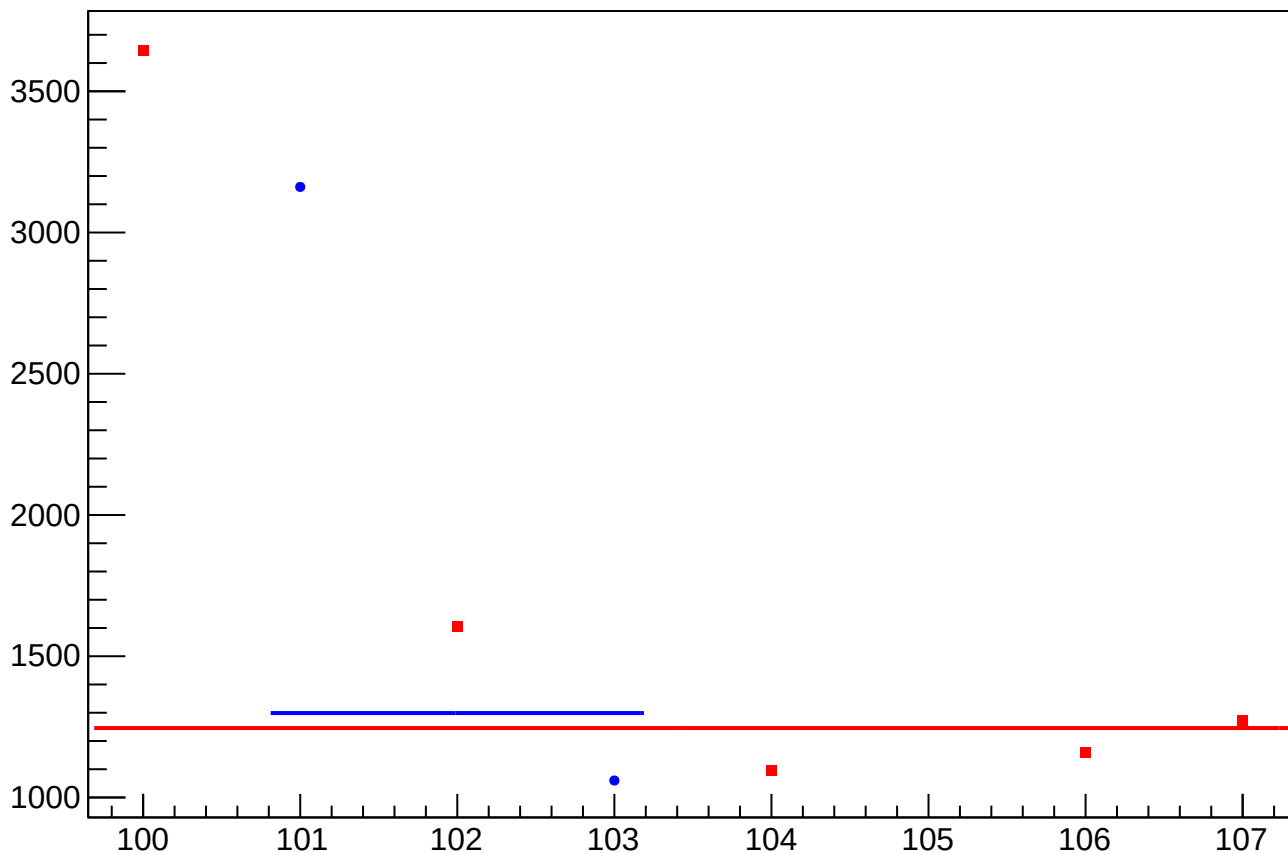
Right: 1263.284+/-818.470 χ^2/NDF : 9.5/6

In: -231.286+/-1316.131 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1263.284+/-818.470 χ^2/NDF : 9.5/6

dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1298.882+/-0.931 χ^2/NDF : 513611.1/1

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

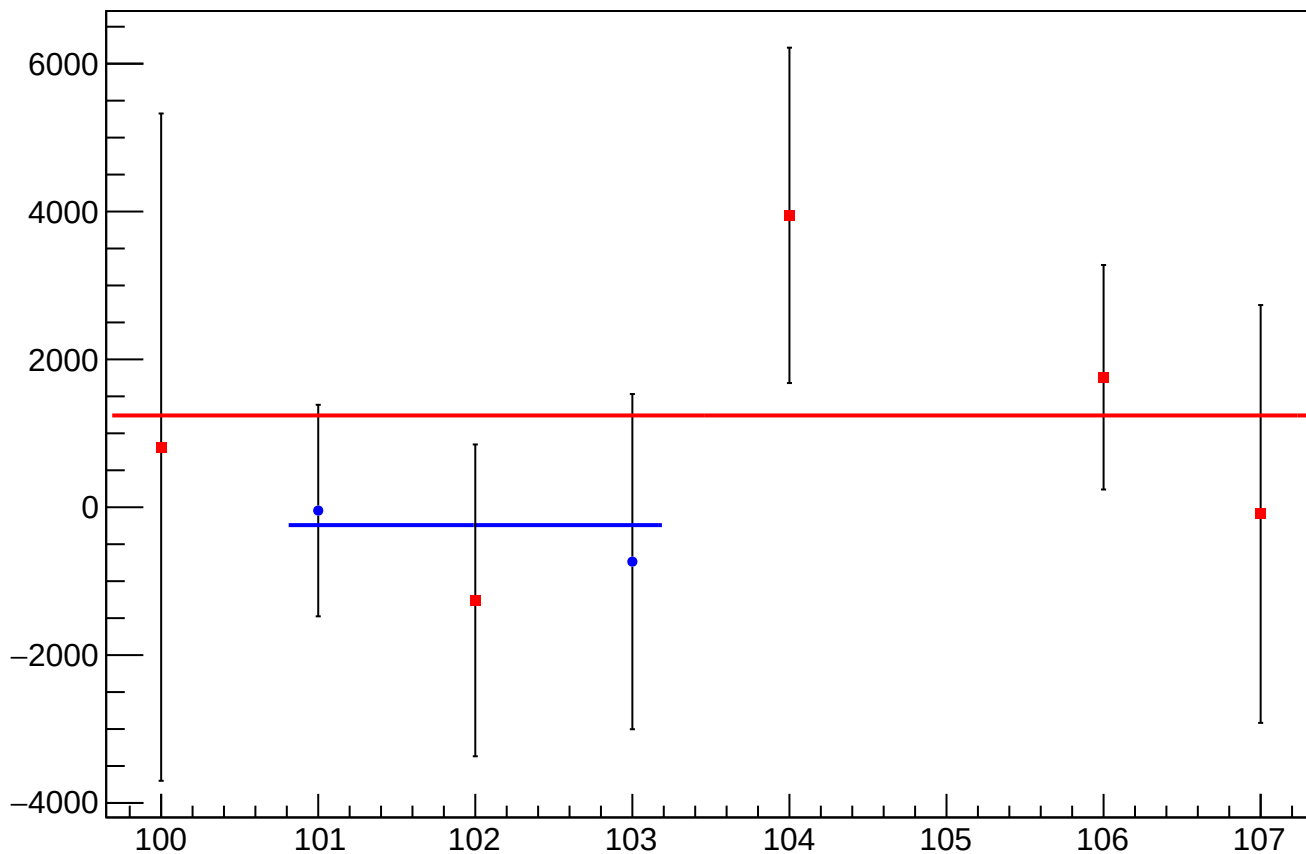
Right: 1266.372+/-0.579 χ^2/NDF : 643542.6/6

In: 1298.882+/-0.931 χ^2/NDF : 513611.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1266.372+/-0.579 χ^2/NDF : 643542.6/6

asym_us_dd_atlr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -241.673+/-1209.904 χ^2/NDF : 0.1/1

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

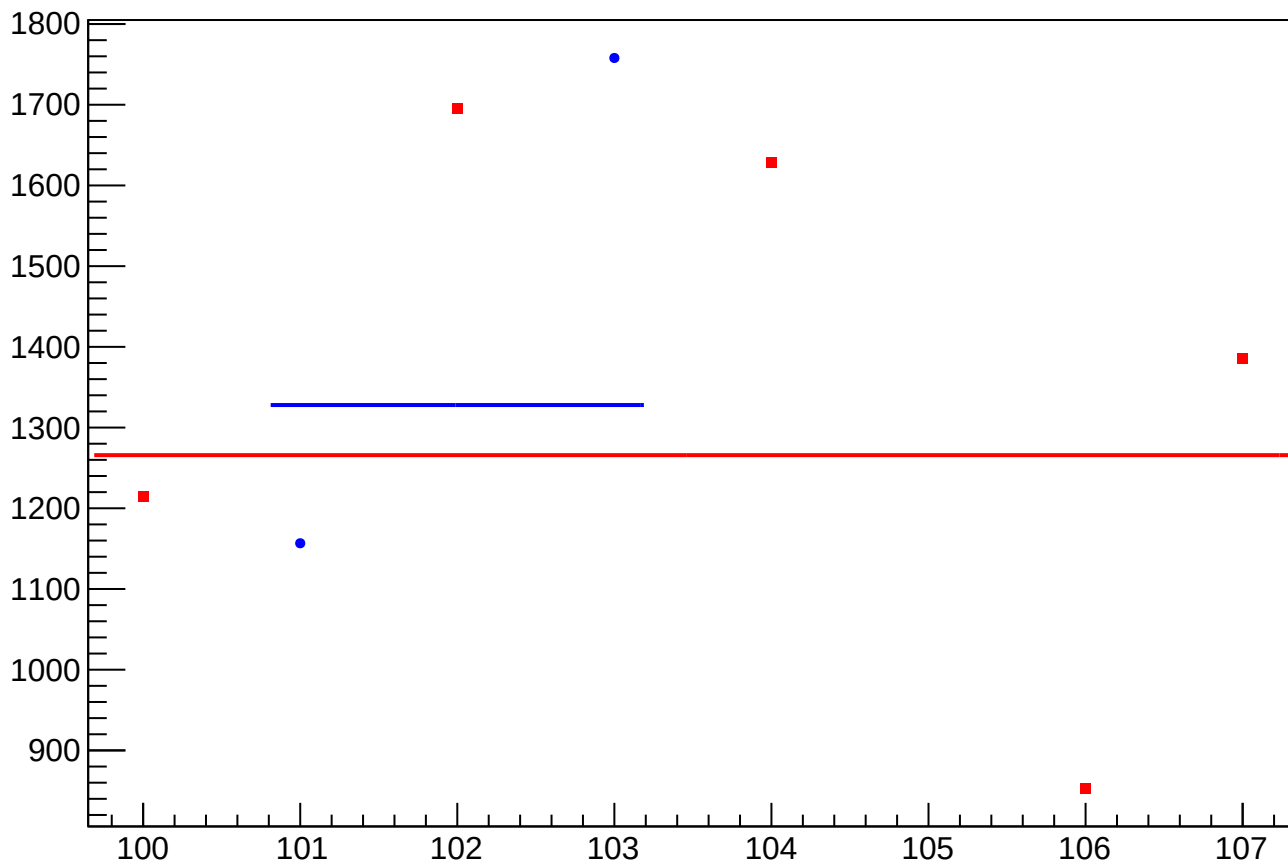
Right: 649.255+/-764.638 χ^2/NDF : 4.1/6

In: -241.673+/-1209.904 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 649.255+/-764.638 χ^2/NDF : 4.1/6

asym_us_dd_atlr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1327.924+/-0.856 χ^2/NDF : 100620.8/1

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

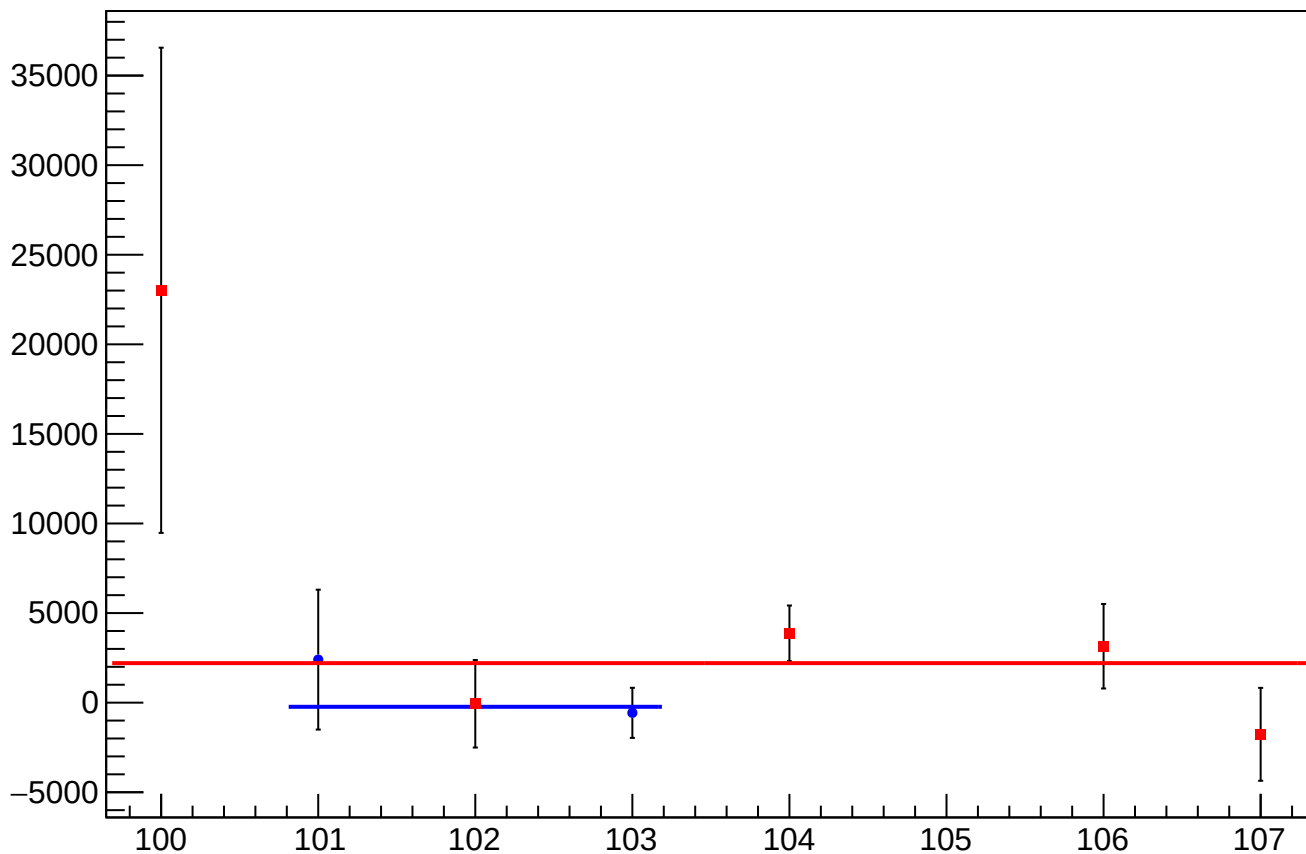
Right: 1290.624+/-0.541 χ^2/NDF : 389812.5/6

In: 1327.924+/-0.856 χ^2/NDF : 100620.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1290.624+/-0.541 χ^2/NDF : 389812.5/6

eigen_dit_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: -231.282+/-1316.132 χ^2/NDF : 0.5/1

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

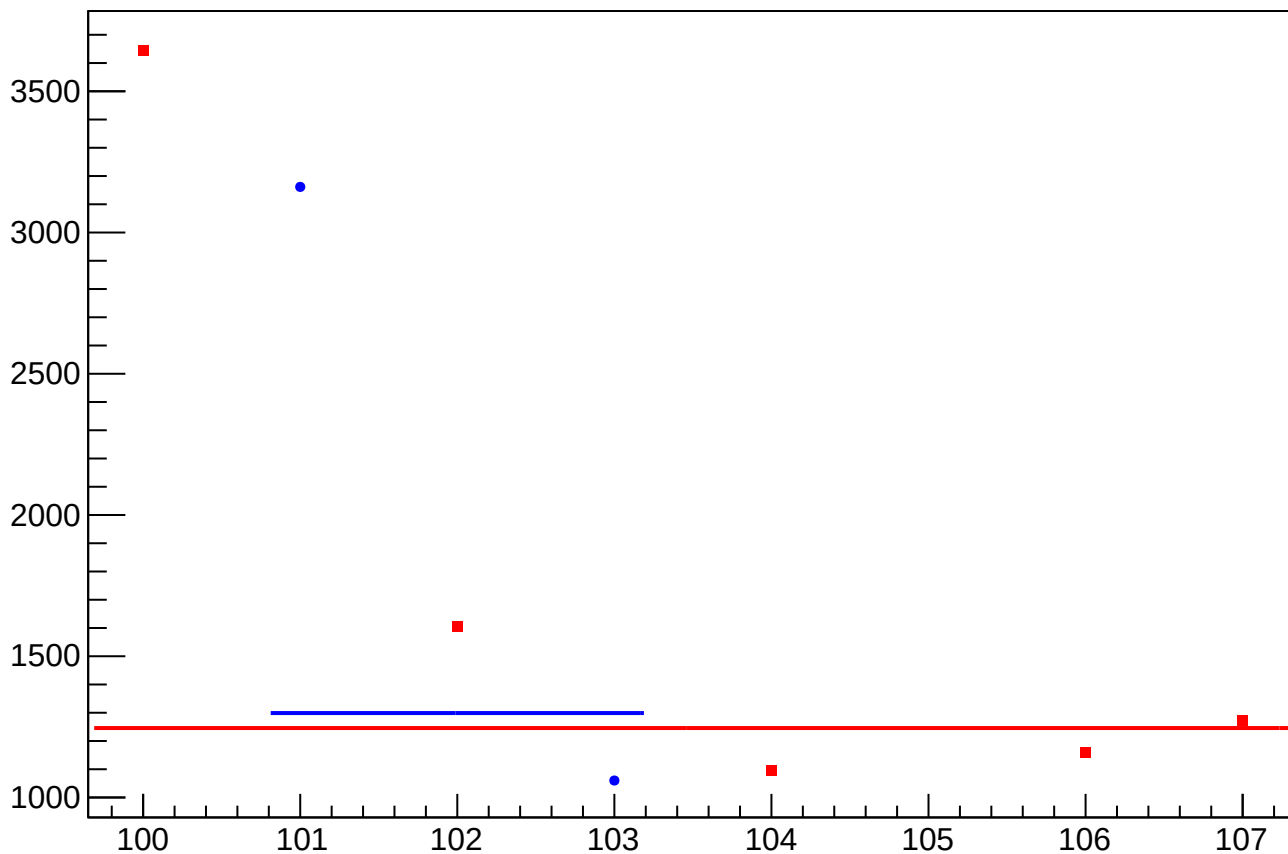
Right: 1263.288+/-818.470 χ^2/NDF : 9.5/6

In: -231.282+/-1316.132 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1263.288+/-818.470 χ^2/NDF : 9.5/6

eigen_dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1298.883+/-0.931 χ^2/NDF : 513611.0/1

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

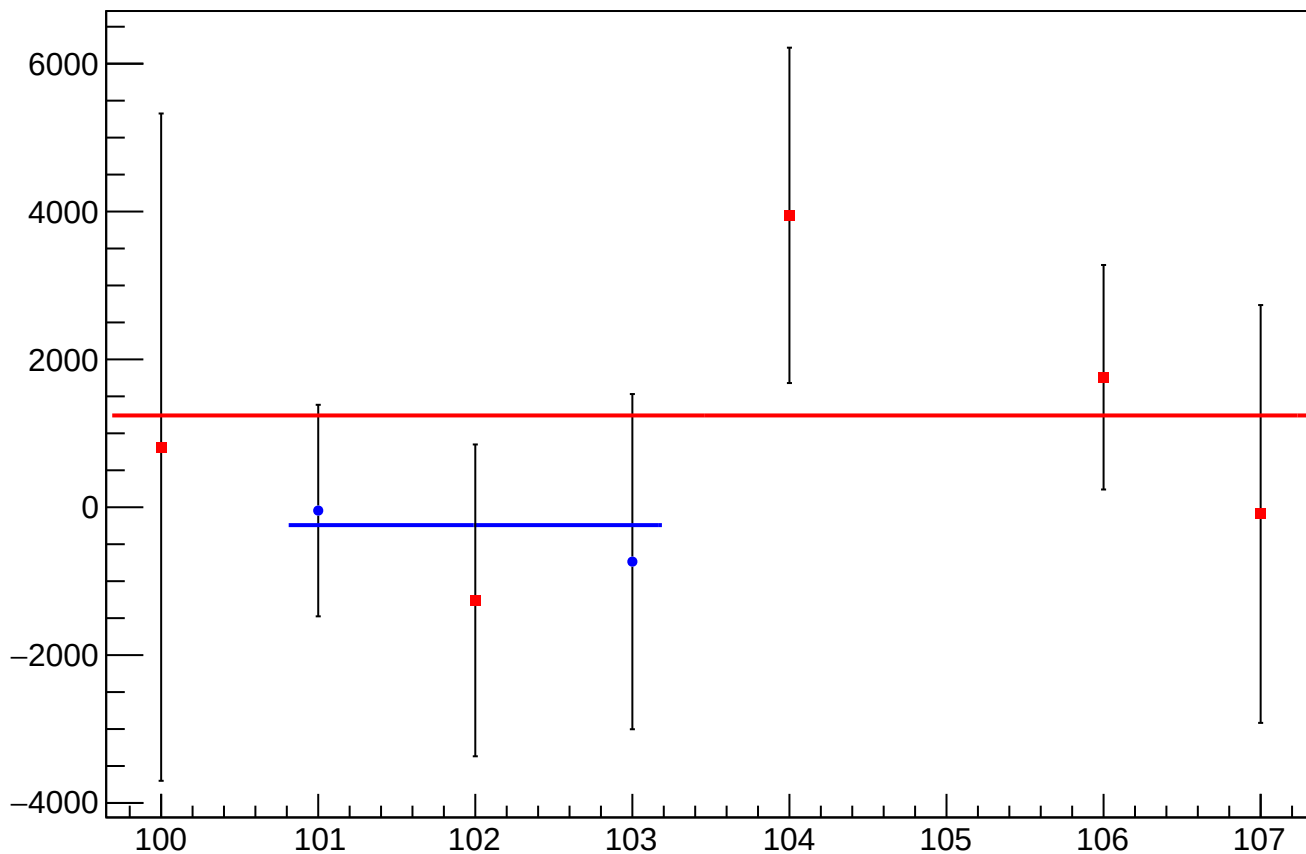
Right: 1266.372+/-0.579 χ^2/NDF : 643542.4/6

In: 1298.883+/-0.931 χ^2/NDF : 513611.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1266.372+/-0.579 χ^2/NDF : 643542.4/6

asym_us_dd_atlr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -241.682 $\pm$ 1209.905 χ^2 /NDF: 0.1/1

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

Right Out: 1241.735 $\pm$ 986.656 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

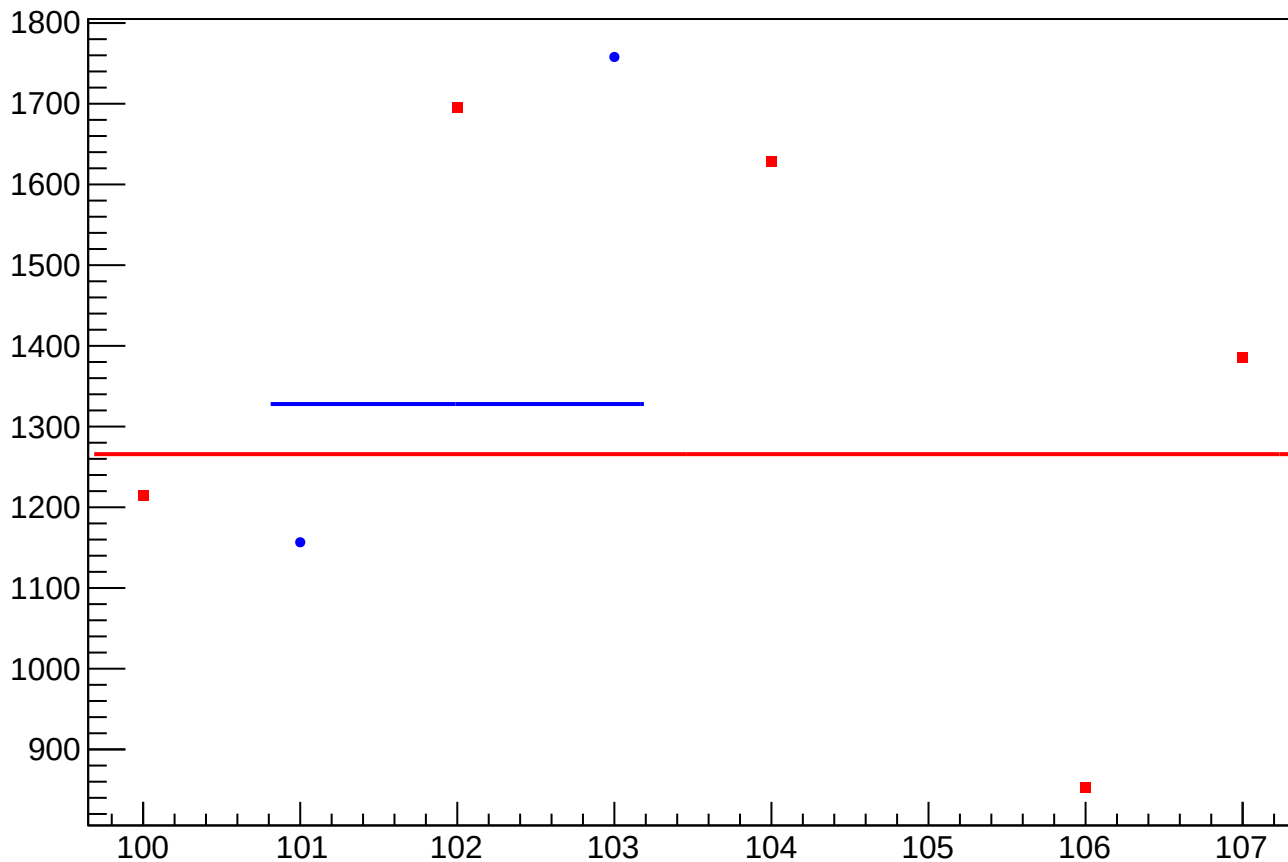
Right: 649.253 $\pm$ 764.640 χ^2 /NDF: 4.1/6

In: -241.682 $\pm$ 1209.905 χ^2 /NDF: 0.1/1

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

All: 649.253 $\pm$ 764.640 χ^2 /NDF: 4.1/6

asym_us_dd_atlr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1327.924+/-0.856 χ^2/NDF : 100621.7/1

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

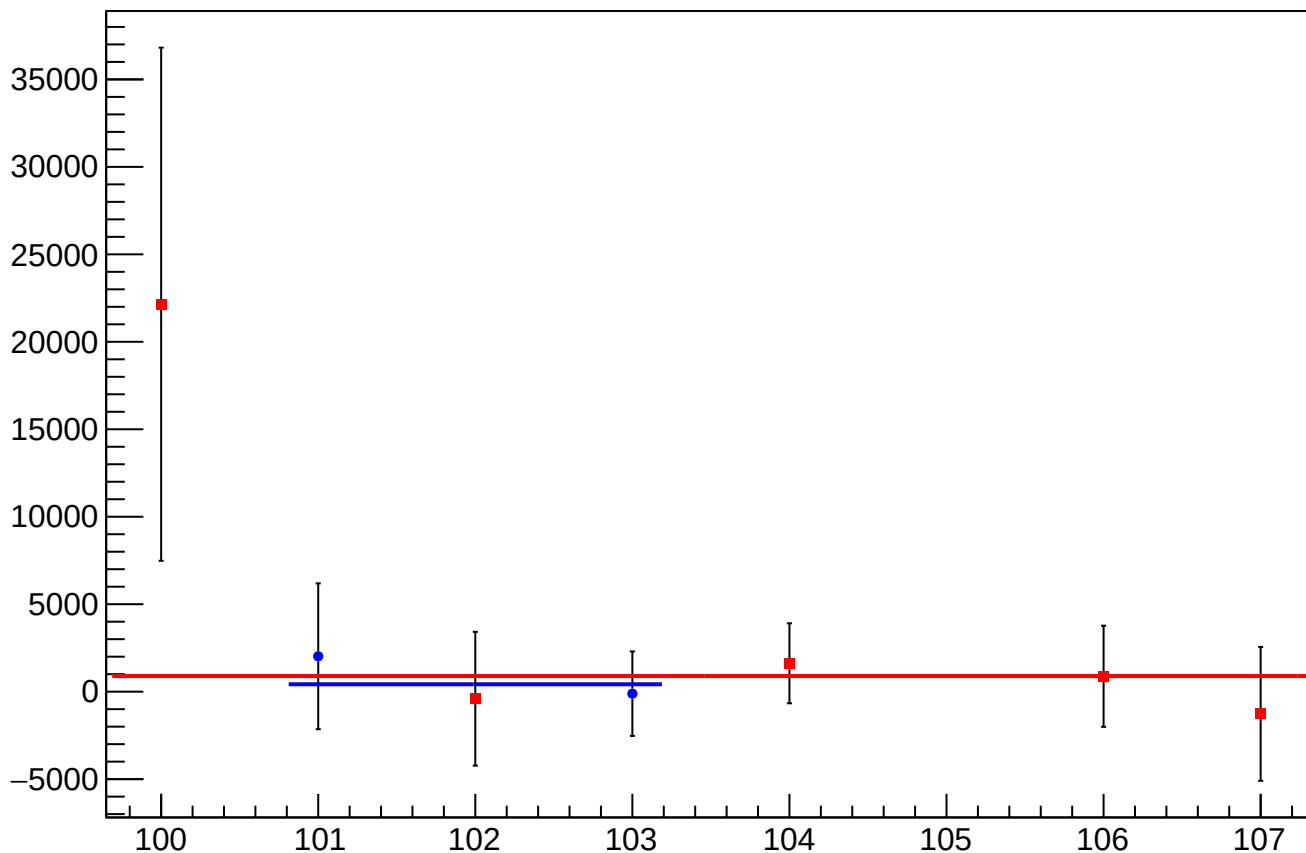
Right: 1290.628+/-0.541 χ^2/NDF : 389809.3/6

In: 1327.924+/-0.856 χ^2/NDF : 100621.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1290.628+/-0.541 χ^2/NDF : 389809.3/6

asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 423.198+/-2090.198 χ^2/NDF : 0.2/1

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

Right Out: 894.550+/-1487.242 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

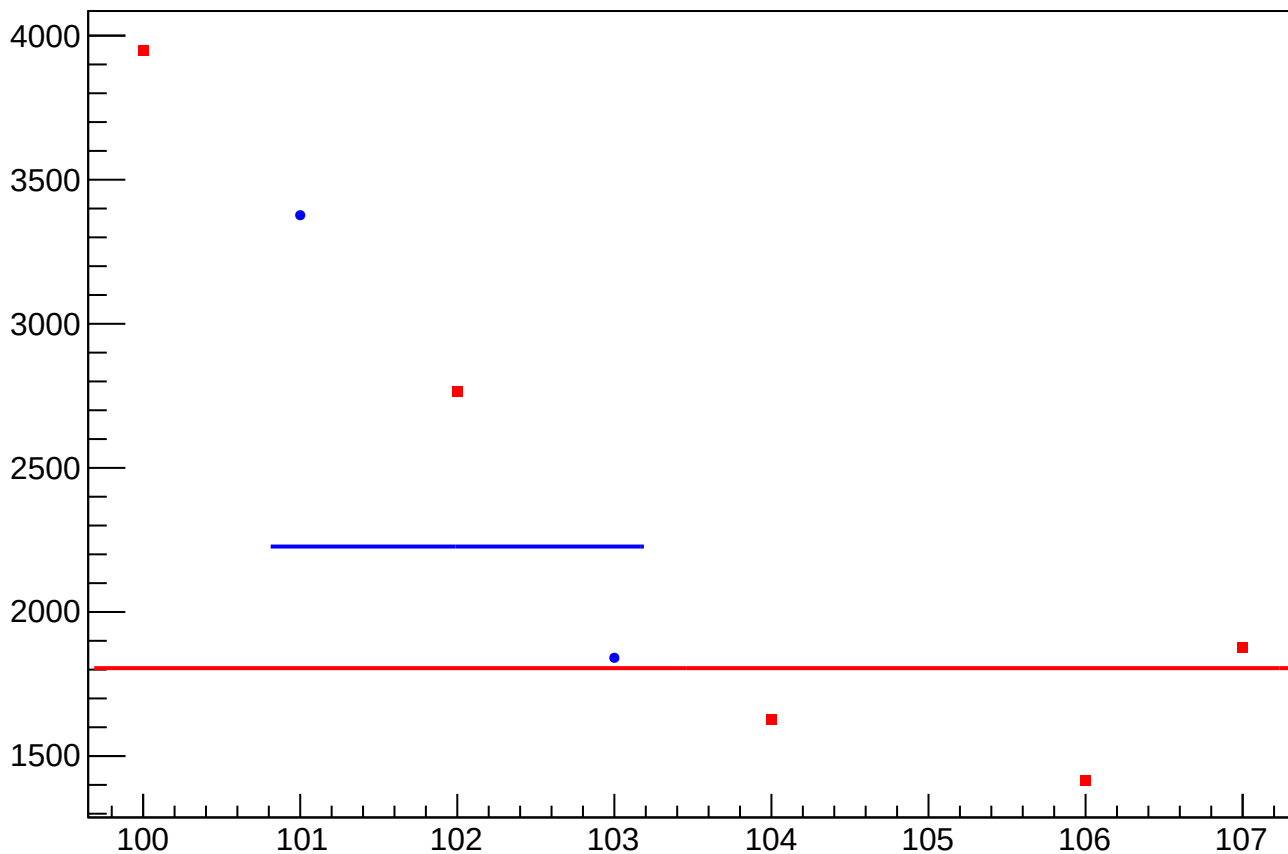
Right: 736.123+/-1211.795 χ^2/NDF : 2.9/6

In: 423.198+/-2090.198 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 736.123+/-1211.795 χ^2/NDF : 2.9/6

asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2227.097+/-1.478 χ^2/NDF : 203204.2/1

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

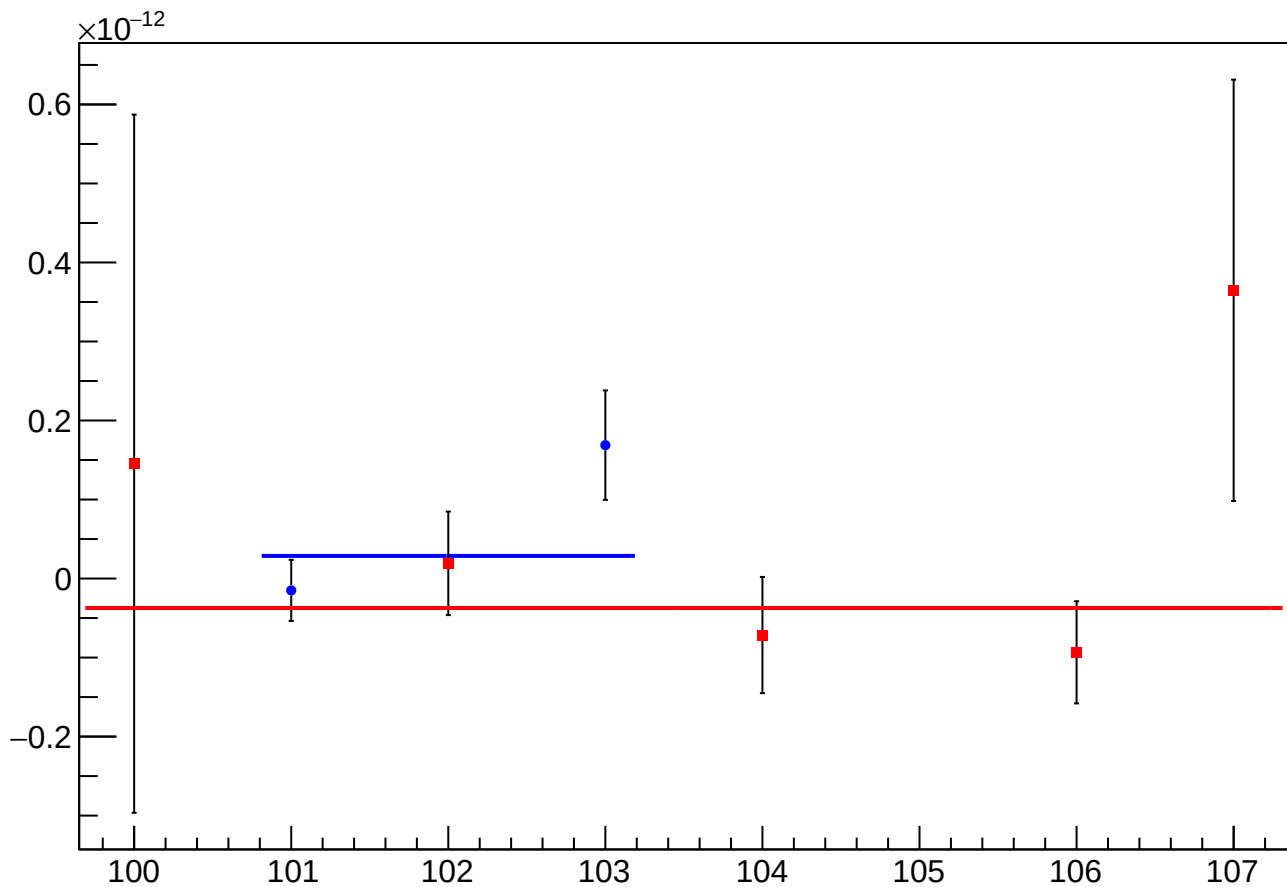
Right: 1946.976+/-0.857 χ^2/NDF : 474853.9/6

In: 2227.097+/-1.478 χ^2/NDF : 203204.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1946.976+/-0.857 χ^2/NDF : 474853.9/6

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.4/1

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

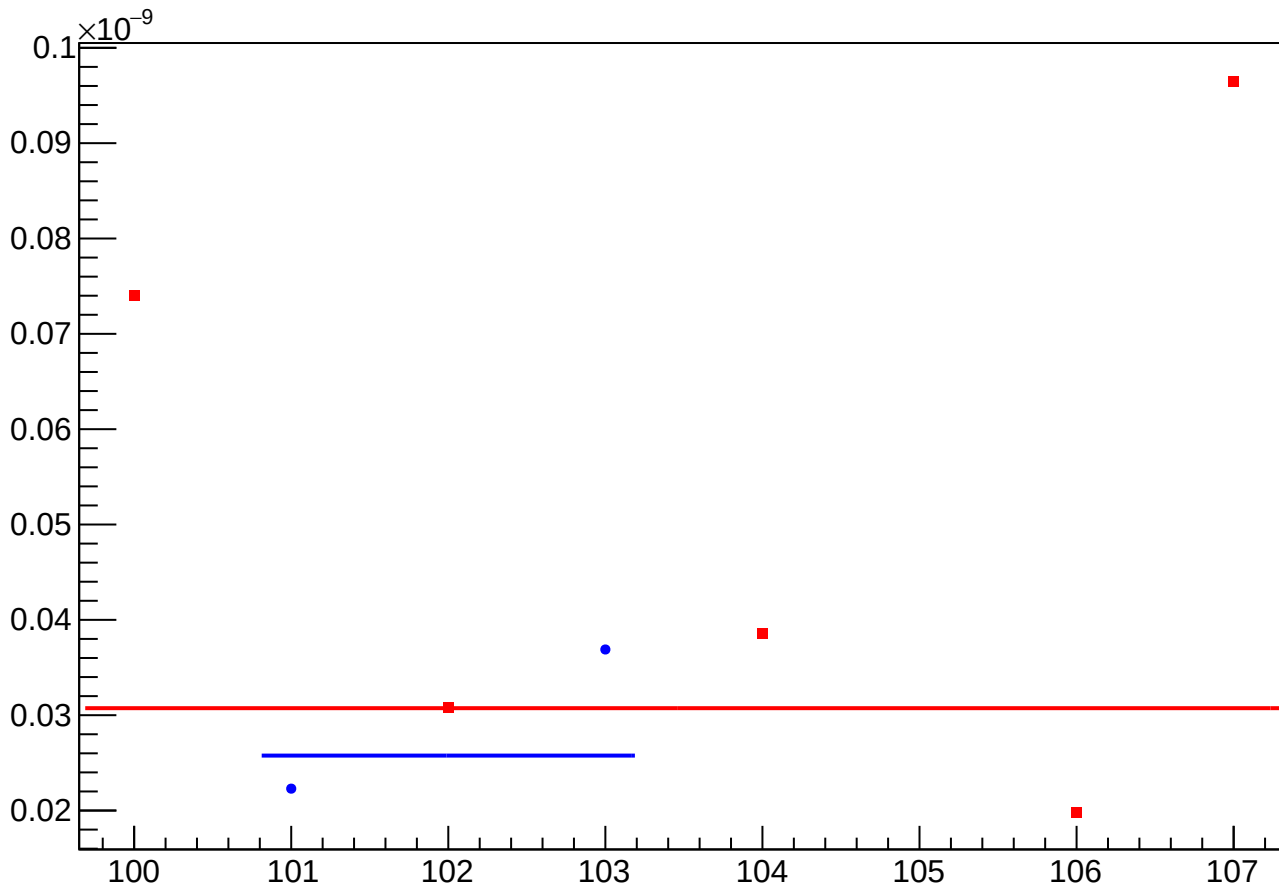
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.2/6

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.4/1

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.2/6

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 67736.8/1

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

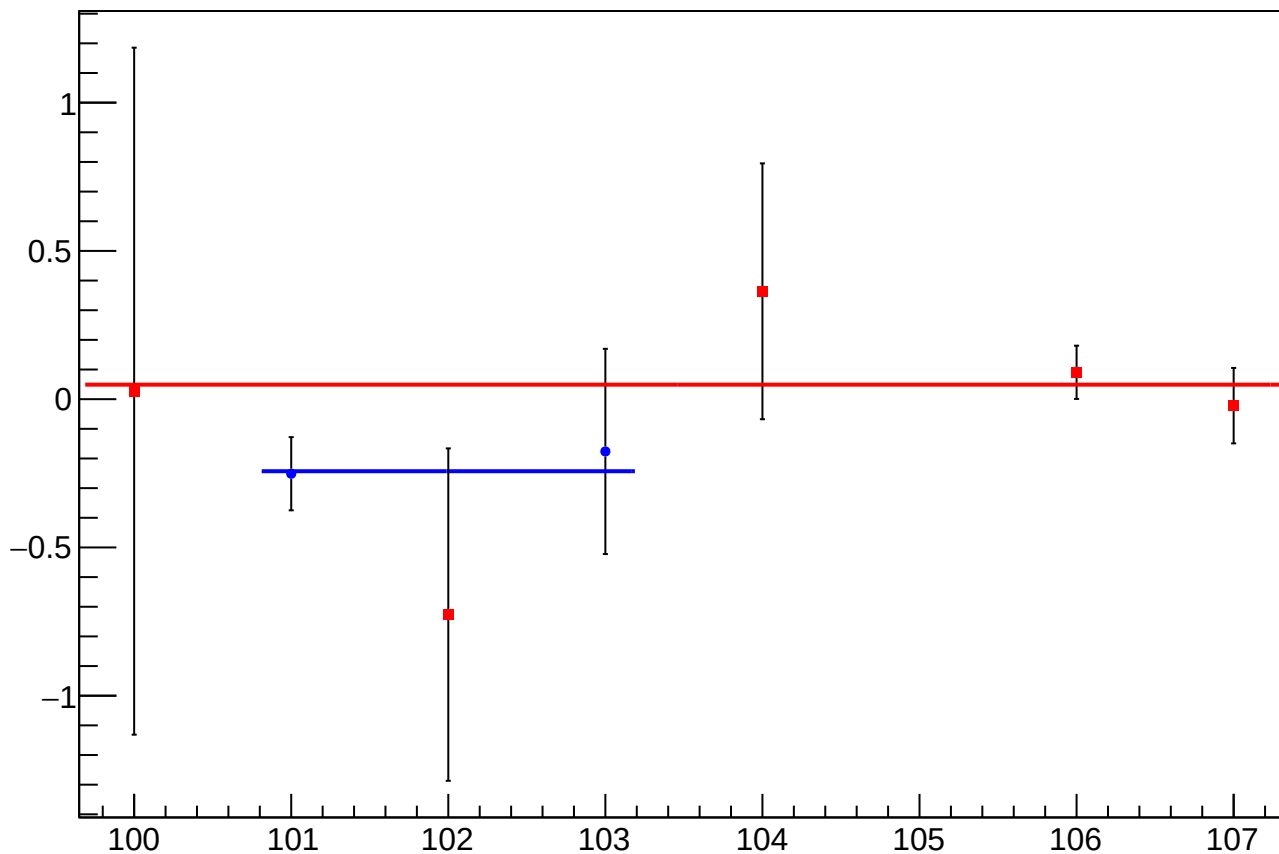
Right: 0.000+/-0.000 χ^2/NDF : 307395.1/6

In: 0.000+/-0.000 χ^2/NDF : 67736.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 307395.1/6

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.243 $\pm$ 0.116 χ^2 /NDF: 0.0/1

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

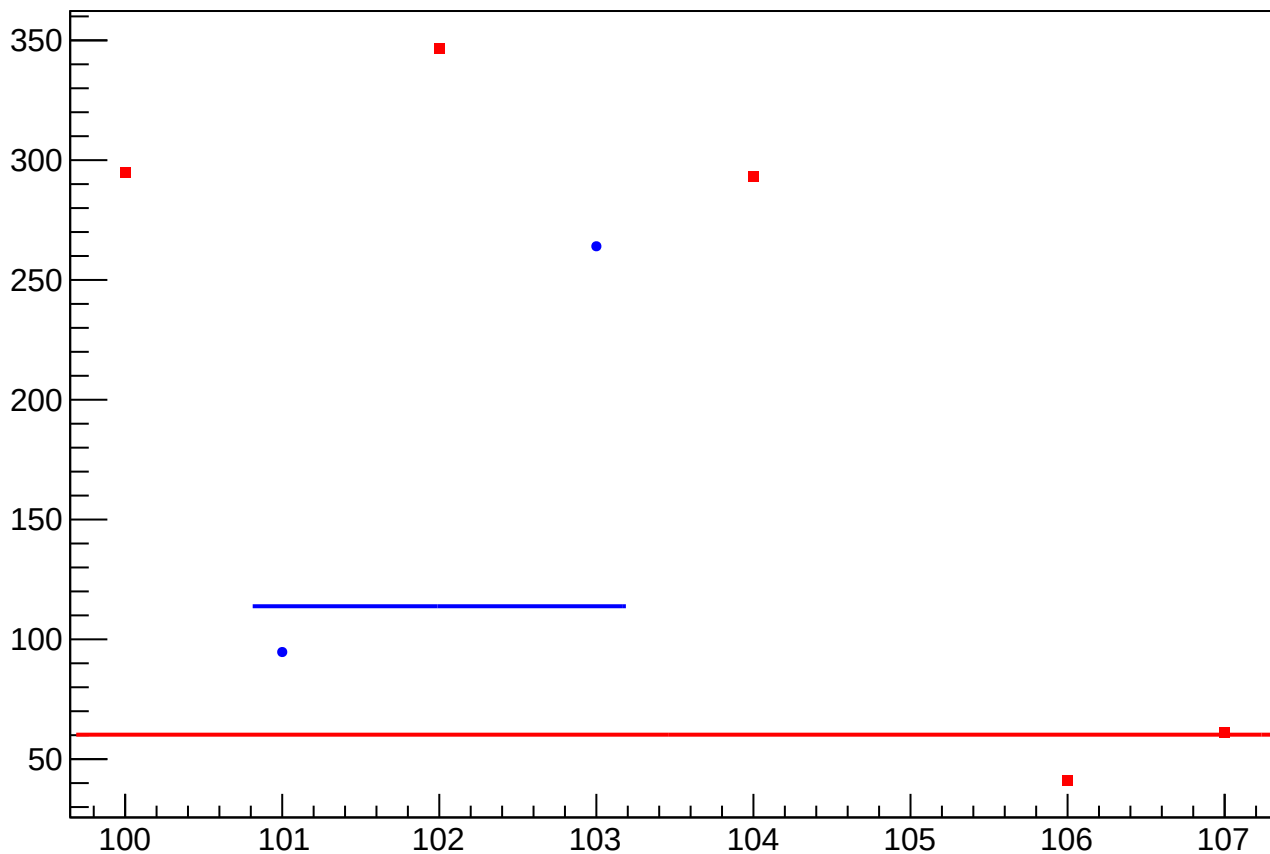
Right: -0.031 $\pm$ 0.061 χ^2 /NDF: 7.6/6

In: -0.243 $\pm$ 0.116 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.031 $\pm$ 0.061 χ^2 /NDF: 7.6/6

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 113.811 $\pm$ 0.082 χ^2 /NDF: 424853.7/1

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

Right Out: 60.207 $\pm$ 0.051 χ^2 /NDF: 1277886.3/4

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

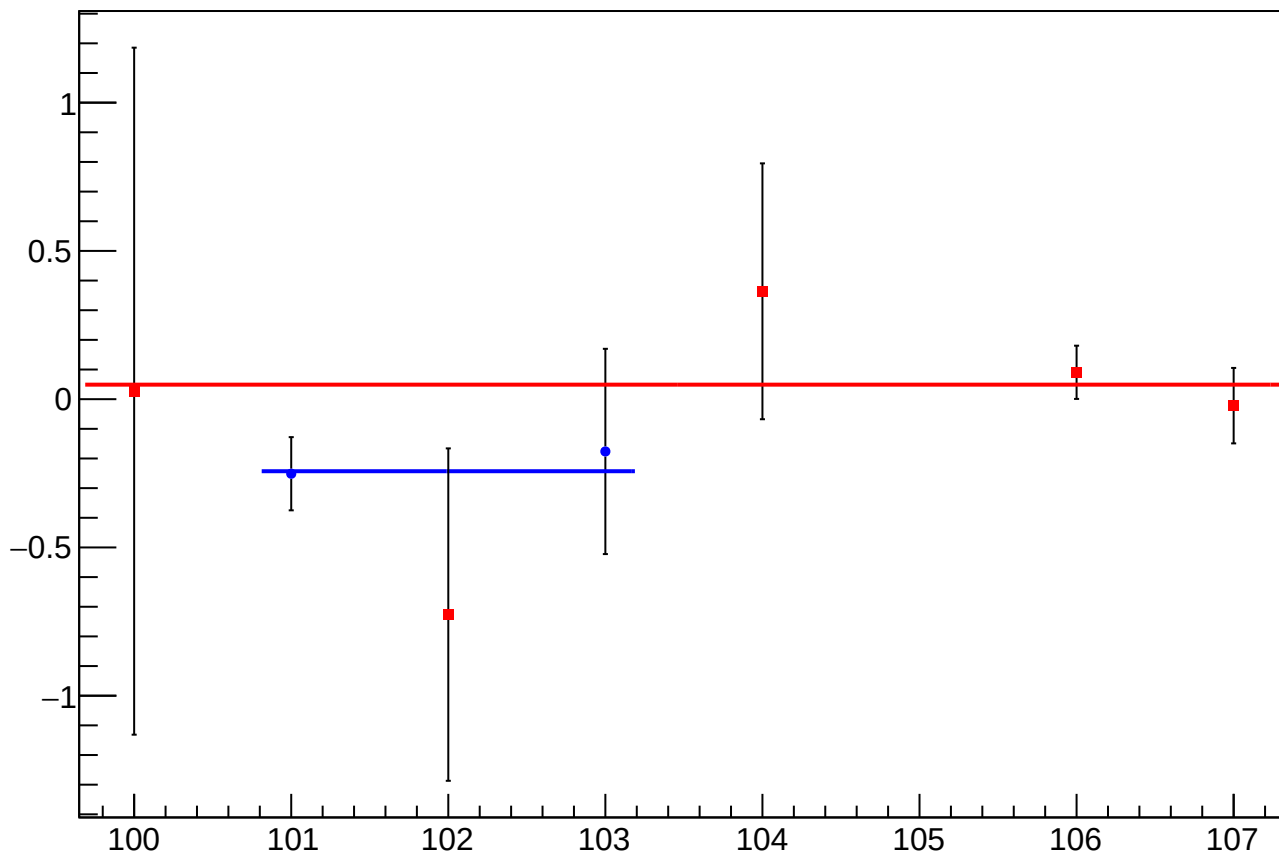
Right: 74.943 $\pm$ 0.043 χ^2 /NDF: 2011068.5/6

In: 113.811 $\pm$ 0.082 χ^2 /NDF:424853.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 74.943 $\pm$ 0.043 χ^2 /NDF: 2011068.5/6

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.243 $\pm$ 0.116 χ^2 /NDF: 0.0/1

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

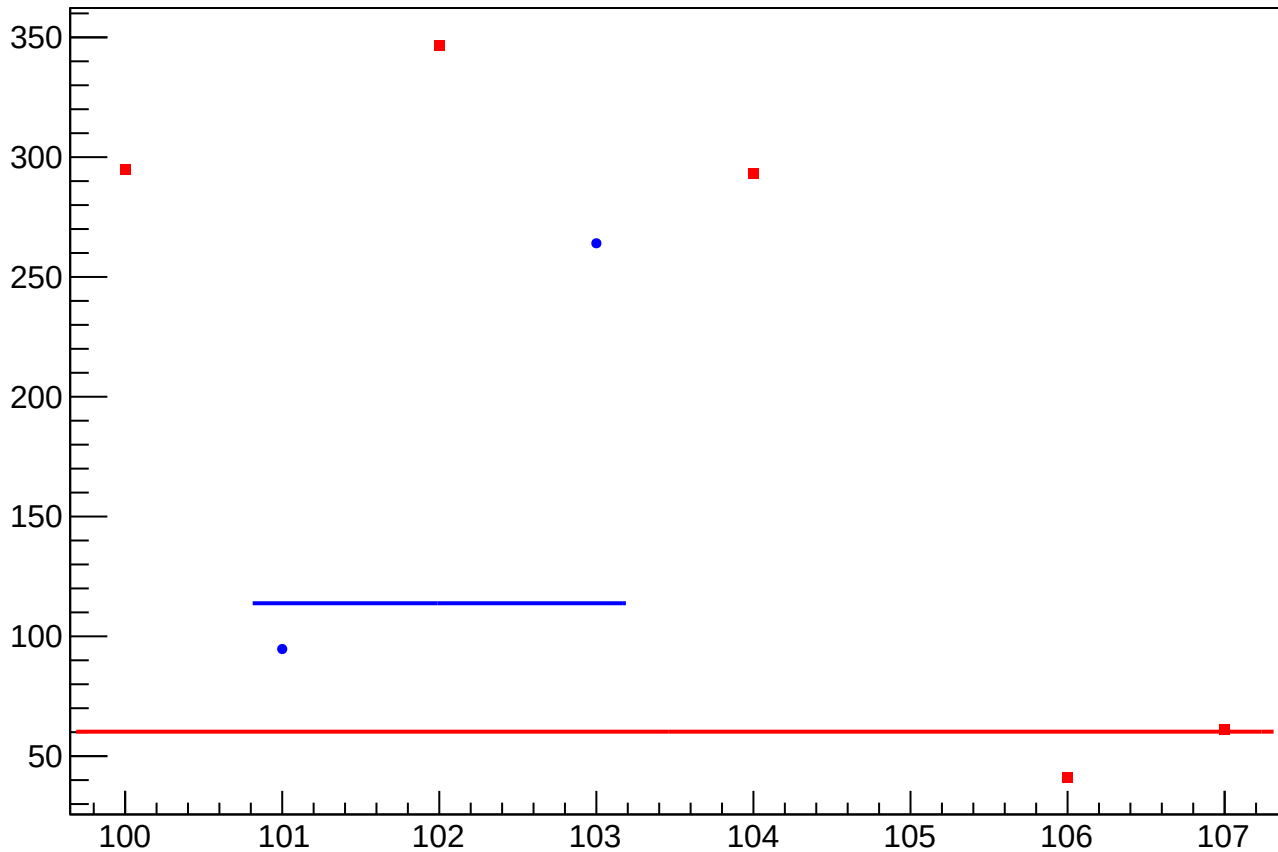
Right: -0.031 $\pm$ 0.061 χ^2 /NDF: 7.6/6

In: -0.243 $\pm$ 0.116 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.031 $\pm$ 0.061 χ^2 /NDF: 7.6/6

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 113.811 $\pm$ 0.082 χ^2 /NDF: 424853.7/1

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

Right Out: 60.207 $\pm$ 0.051 χ^2 /NDF: 1277886.3/4

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

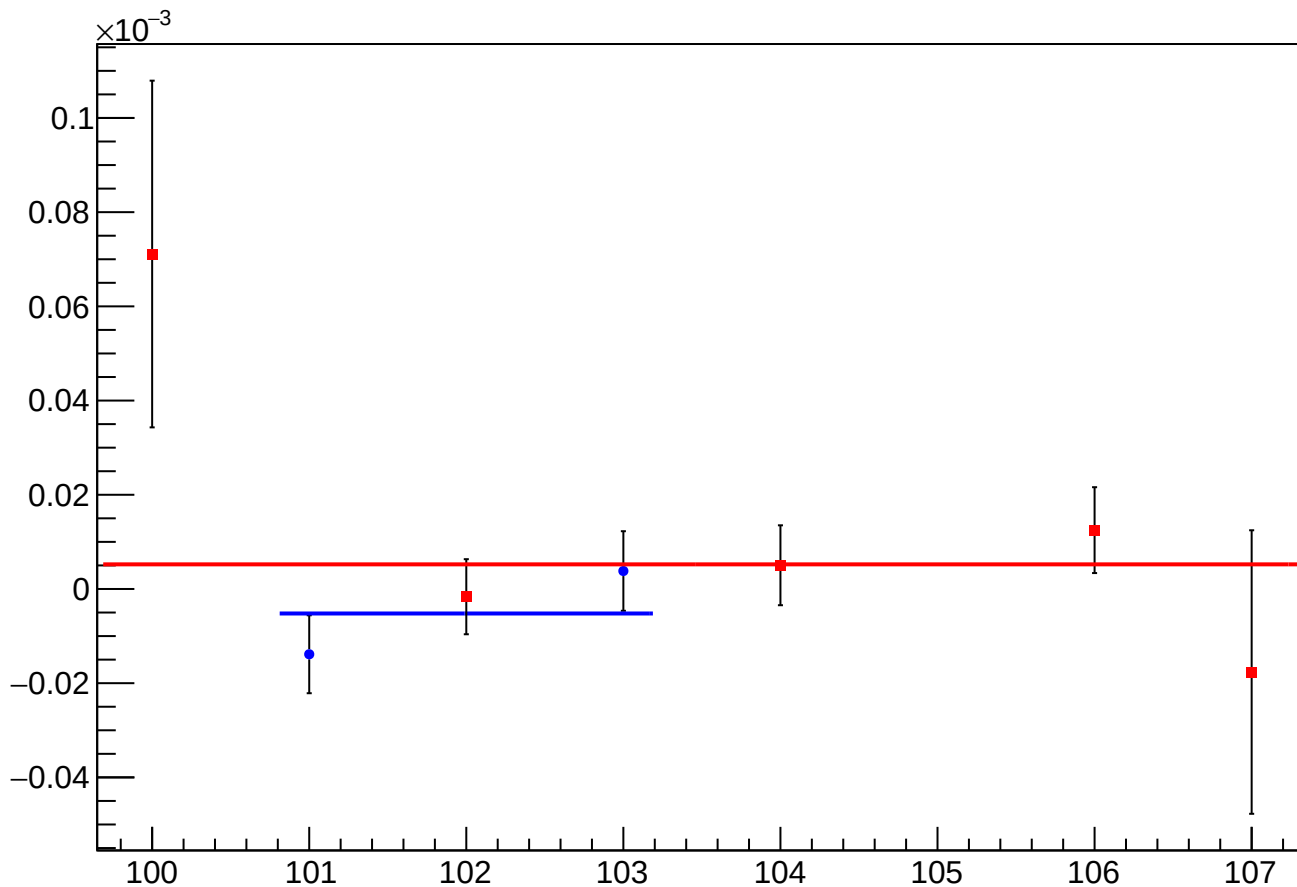
Right: 74.943 $\pm$ 0.043 χ^2 /NDF: 2011068.5/6

In: 113.811 $\pm$ 0.082 χ^2 /NDF:424853.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 74.943 $\pm$ 0.043 χ^2 /NDF: 2011068.5/6

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: 2.2/1

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

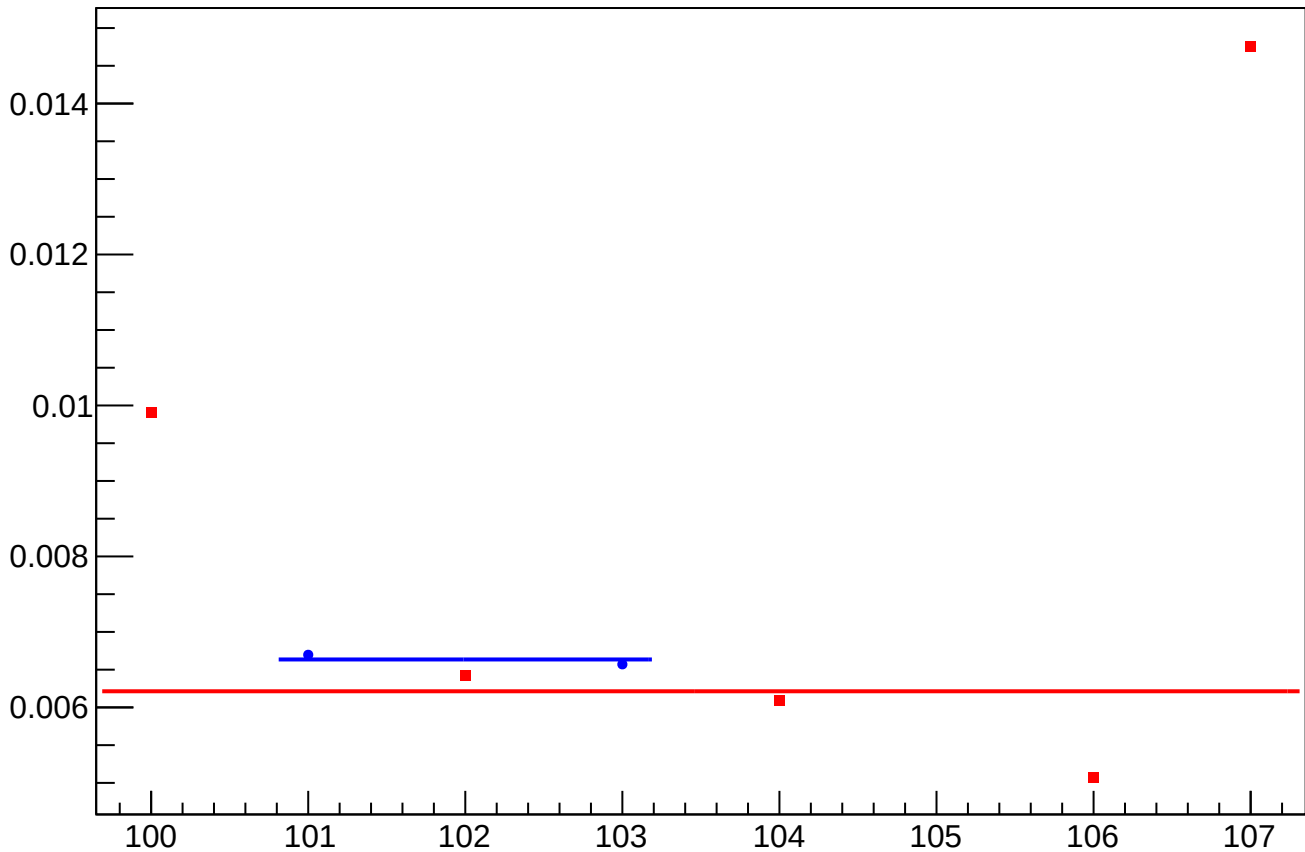
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.3/6

In: -0.000 $\pm$ 0.000 χ^2 /NDF:2.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.3/6

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 : 228.7/1

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

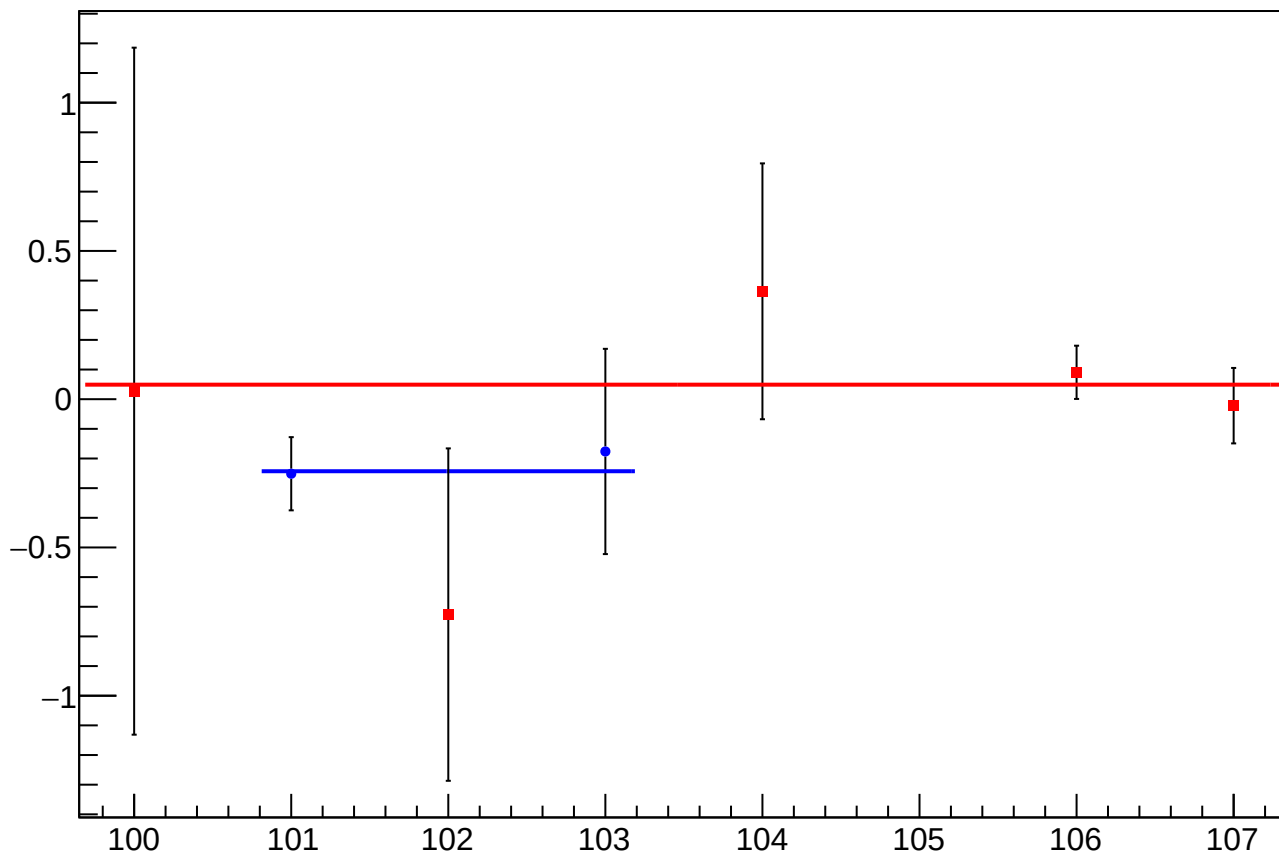
Right: 0.006+/-0.000 χ^2/NDF : 220707.0/6

In: 0.007+/-0.000 χ^2/NDF : 228.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 220707.0/6

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.243+/-0.116 χ^2/NDF : 0.0/1

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

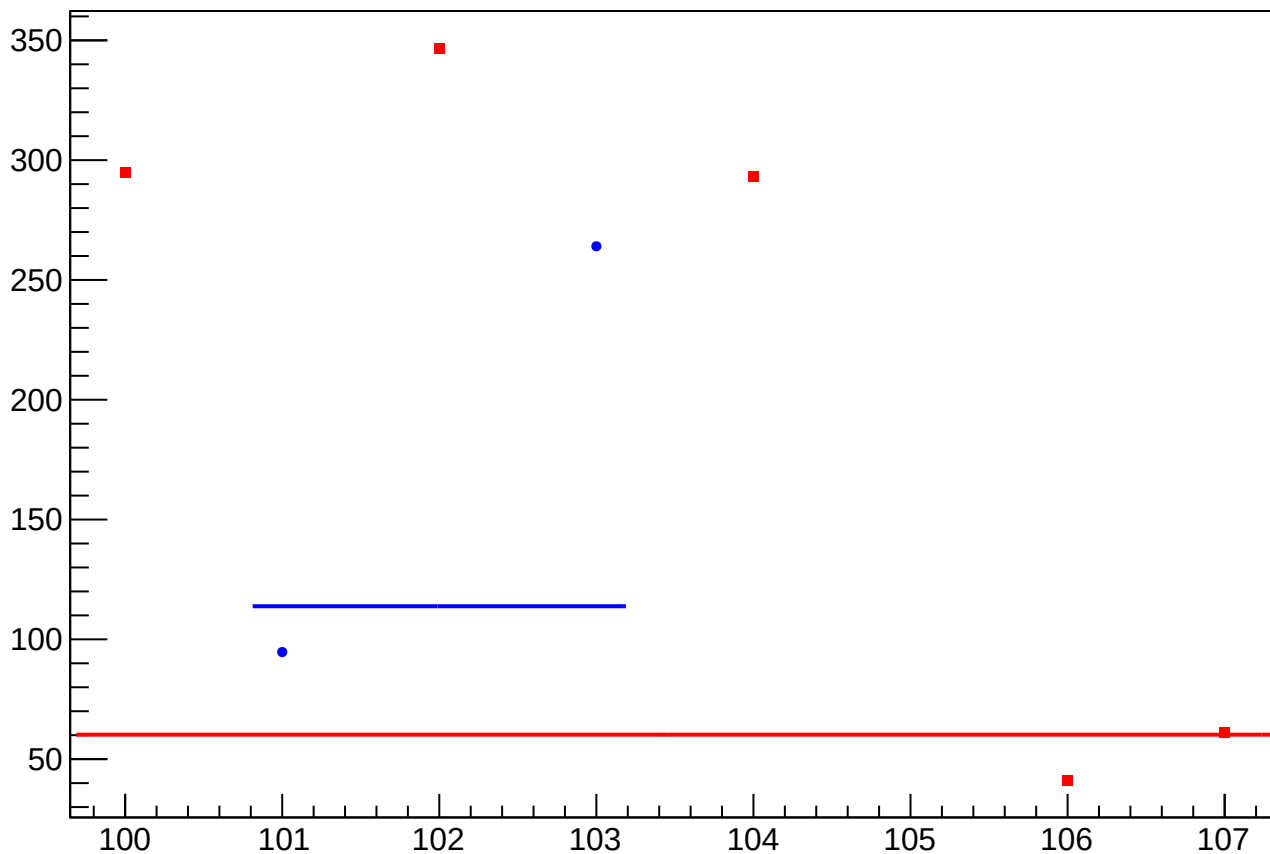
Right: -0.031+/-0.061 χ^2/NDF : 7.6/6

In: -0.243+/-0.116 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.031+/-0.061 χ^2/NDF : 7.6/6

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 113.814 $\pm$ 0.082 χ^2 /NDF: 424845.7/1

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

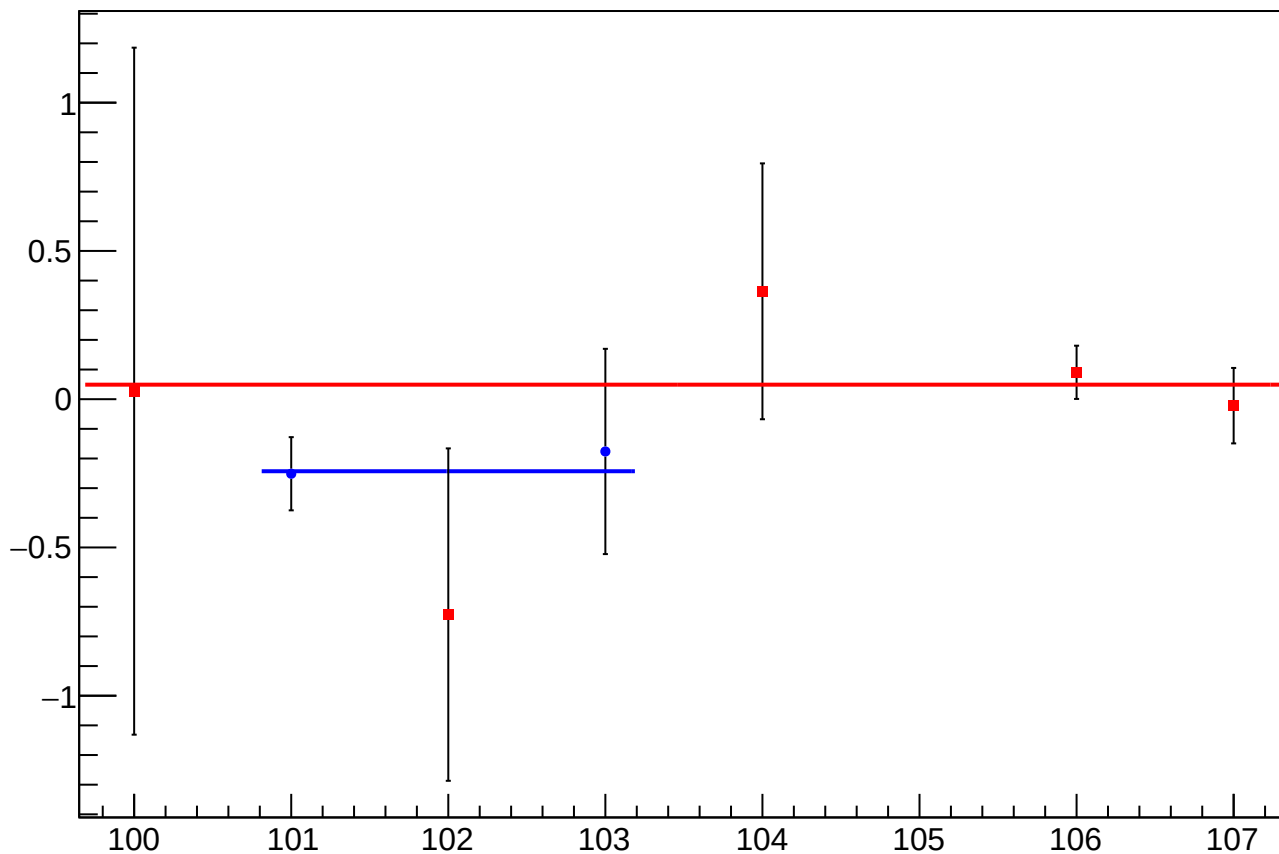
Right: 74.948 $\pm$ 0.043 χ^2 /NDF: 2010972.1/6

In: 113.814 $\pm$ 0.082 χ^2 /NDF:424845.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 74.948 $\pm$ 0.043 χ^2 /NDF: 2010972.1/6

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.243 $\pm$ 0.116 χ^2 /NDF: 0.0/1

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

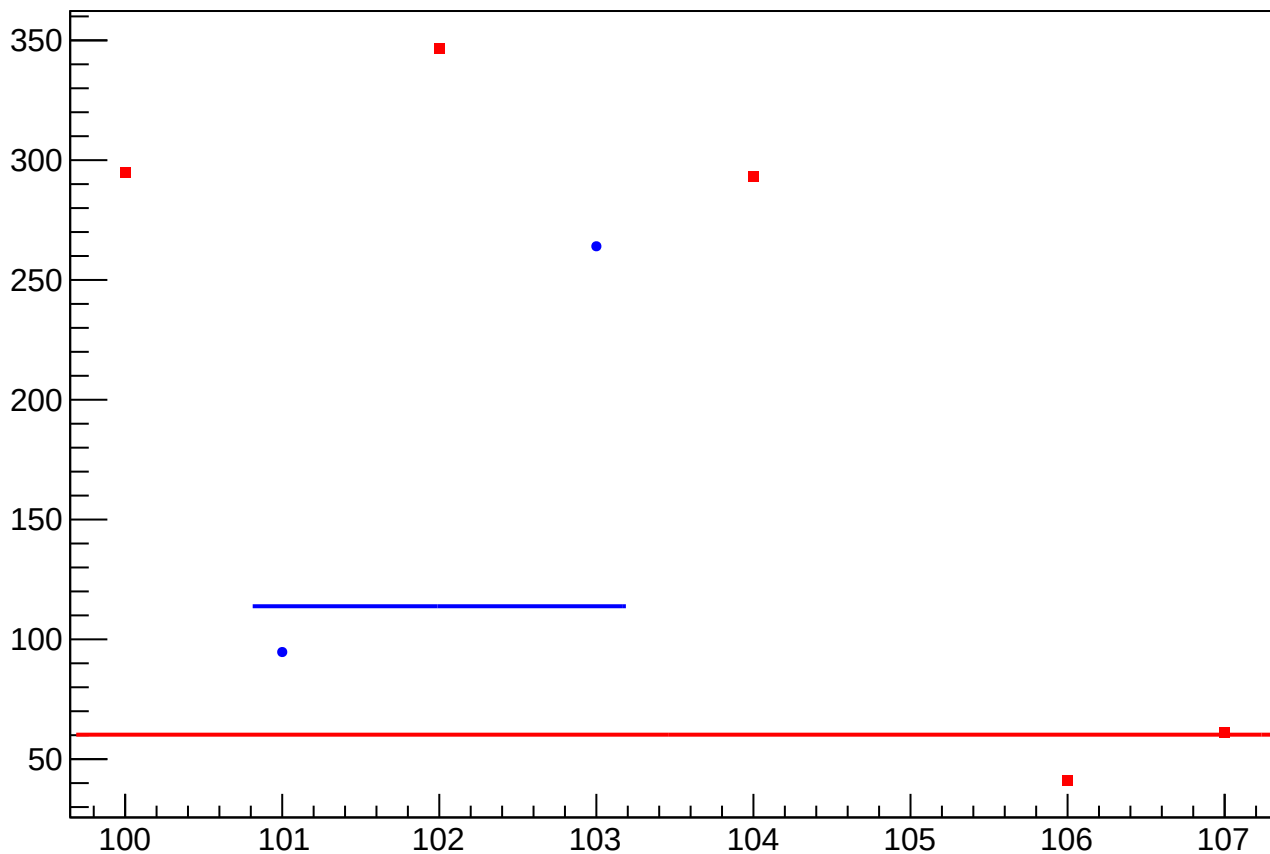
Right: -0.031 $\pm$ 0.061 χ^2 /NDF: 7.6/6

In: -0.243 $\pm$ 0.116 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.031 $\pm$ 0.061 χ^2 /NDF: 7.6/6

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 113.814 $\pm$ 0.082 χ^2 /NDF: 424845.7/1

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

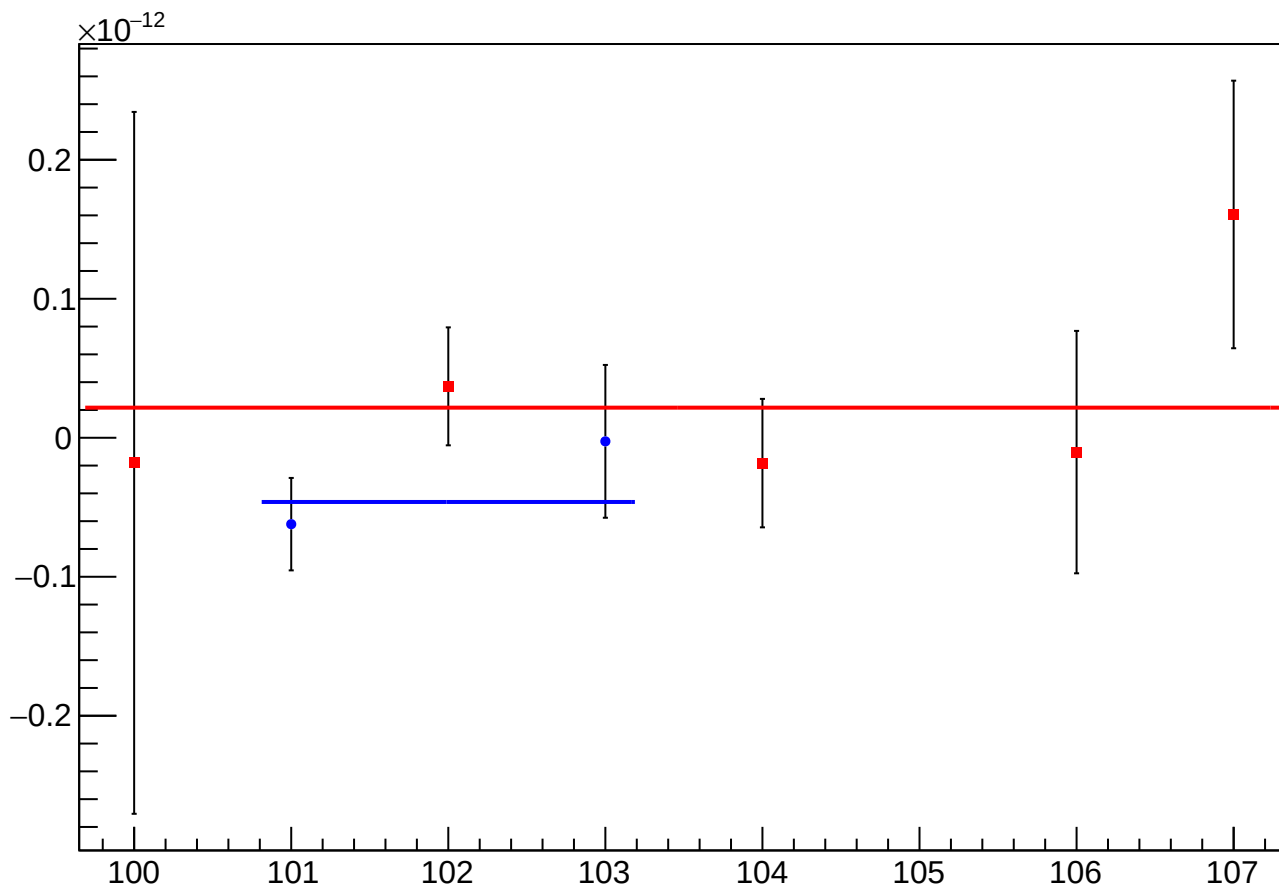
Right: 74.948 $\pm$ 0.043 χ^2 /NDF: 2010972.1/6

In: 113.814 $\pm$ 0.082 χ^2 /NDF:424845.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 74.948 $\pm$ 0.043 χ^2 /NDF: 2010972.1/6

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: 0.9/1

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

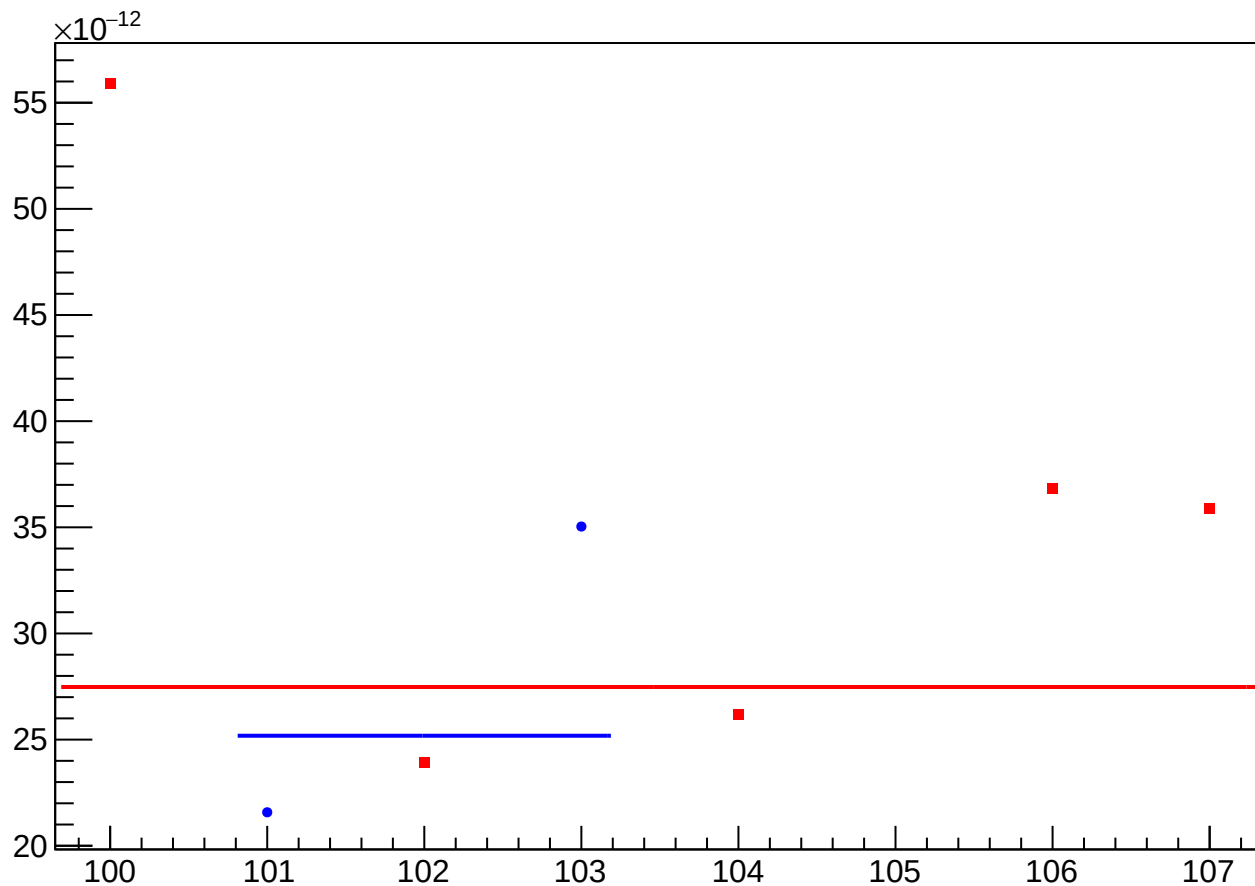
Right: -0.000+/-0.000 χ^2 /NDF: 6.9/6

In: -0.000+/-0.000 χ^2 /NDF:0.9/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 6.9/6

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 : 87788.4/1

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

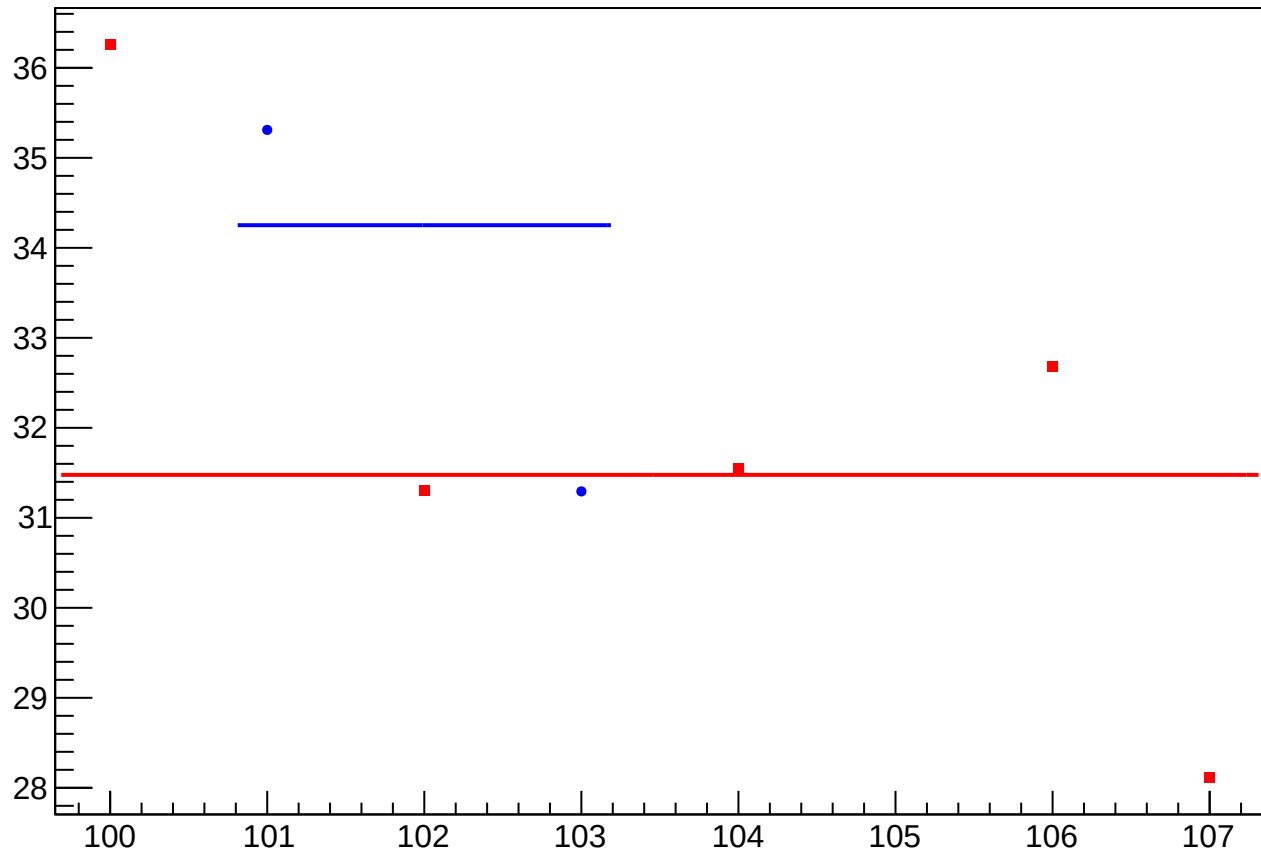
Right: 0.000+/-0.000 χ^2/NDF : 173736.8/6

In: 0.000+/-0.000 χ^2/NDF : 87788.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 173736.8/6

yield_usl_mean vs Slug, Sign Corrected



Right In: 34.252+/-0.000 χ^2/NDF : 248532206.6/1

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

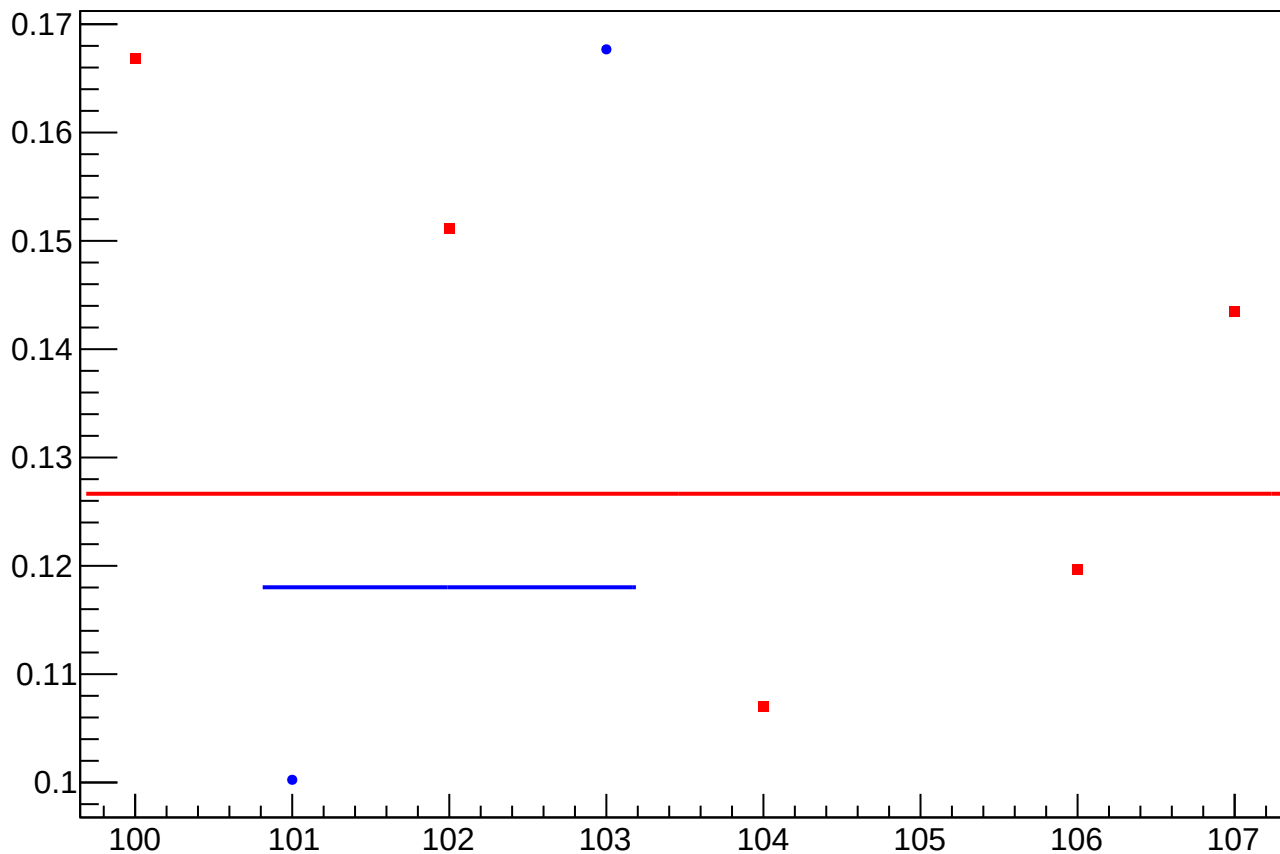
Right: 32.738+/-0.000 χ^2/NDF : 781116113.0/6

In: 34.252+/-0.000 χ^2/NDF : 248532206.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.738+/-0.000 χ^2/NDF : 781116113.0/6

yield_usl_rms vs Slug, Sign Corrected



Right In: 0.118+/-0.000 χ^2/NDF : 140075.1/1

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

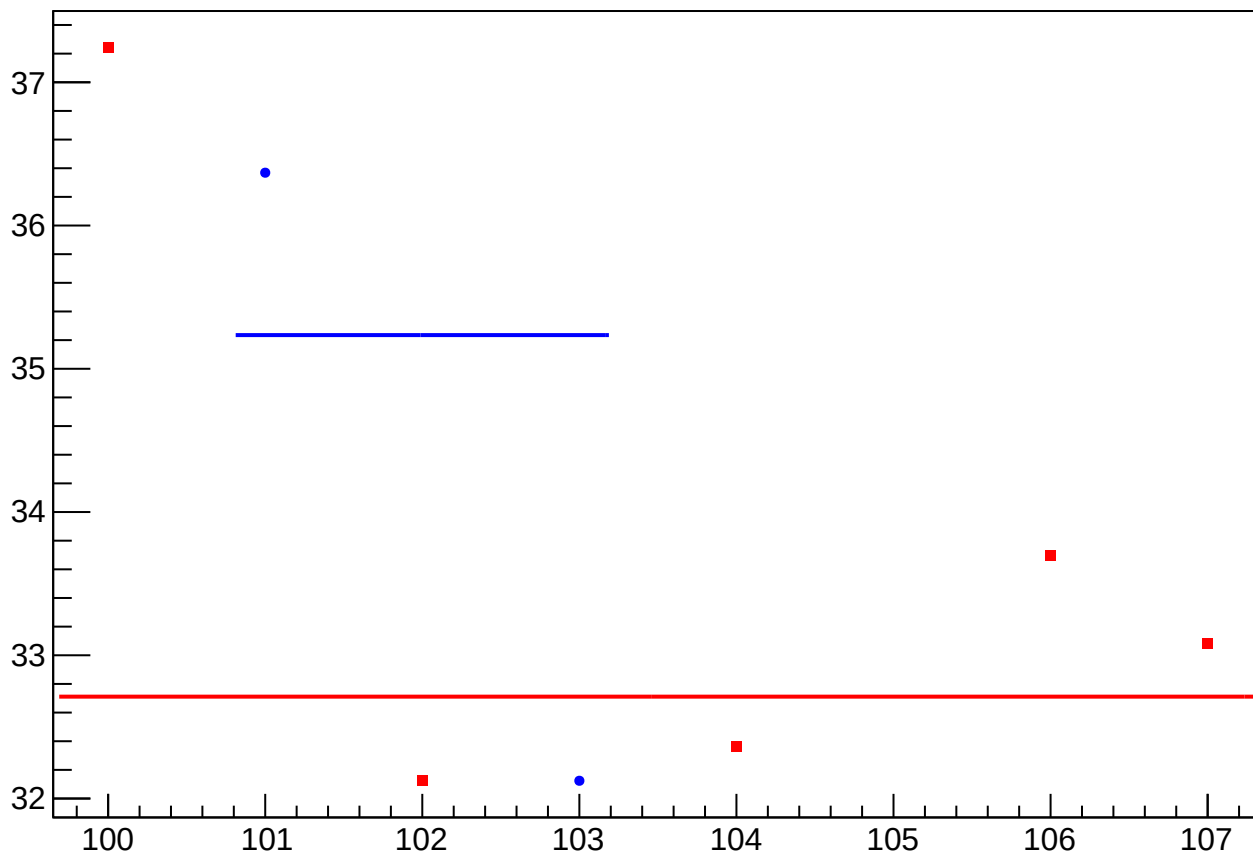
Right: 0.123+/-0.000 χ^2/NDF : 222741.4/6

In: 0.118+/-0.000 χ^2/NDF : 140075.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.123+/-0.000 χ^2/NDF : 222741.4/6

yield_usr_mean vs Slug, Sign Corrected



Right In: 35.235+/-0.000 χ^2/NDF : 208945990.6/1

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

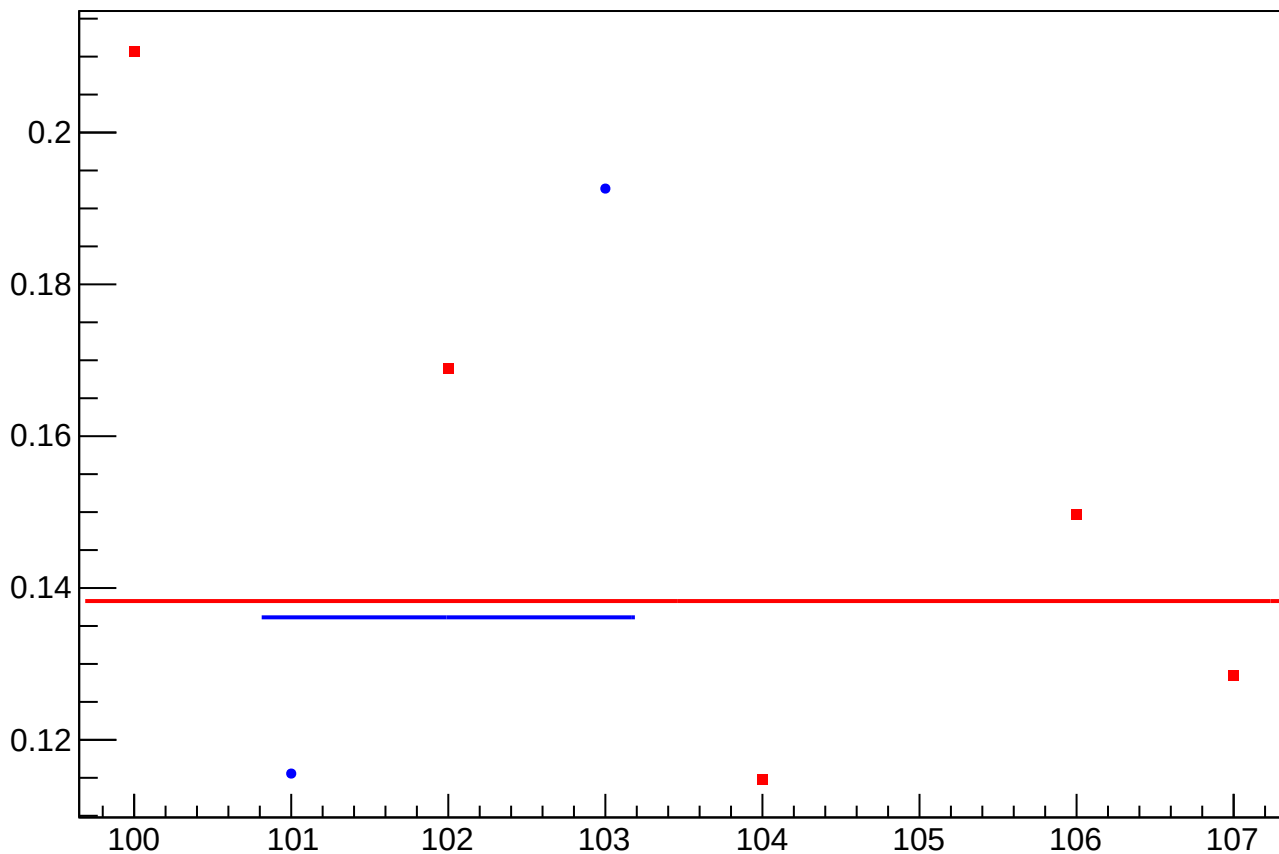
Right: 33.798+/-0.000 χ^2/NDF : 481327955.2/6

In: 35.235+/-0.000 χ^2/NDF : 208945990.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.798+/-0.000 χ^2/NDF : 481327955.2/6

yield_usr_rms vs Slug, Sign Corrected



Right In: 0.136+/-0.000 χ^2/NDF : 137715.7/1

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

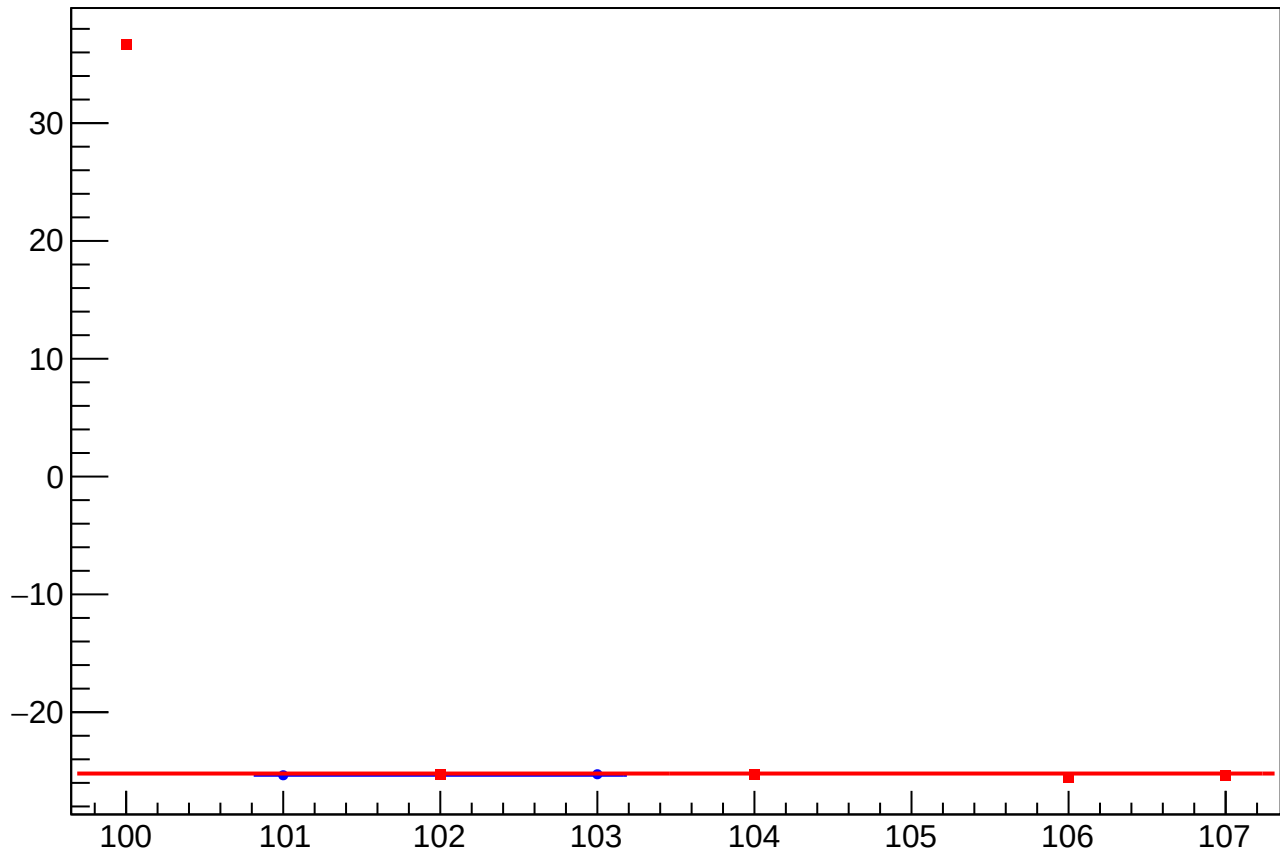
Right: 0.137+/-0.000 χ^2/NDF : 235166.9/6

In: 0.136+/-0.000 χ^2/NDF : 137715.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.137+/-0.000 χ^2/NDF : 235166.9/6

yield_dsl_mean vs Slug, Sign Corrected



Right In: -25.312+/-0.000 χ^2/NDF : 1342008.2/1

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

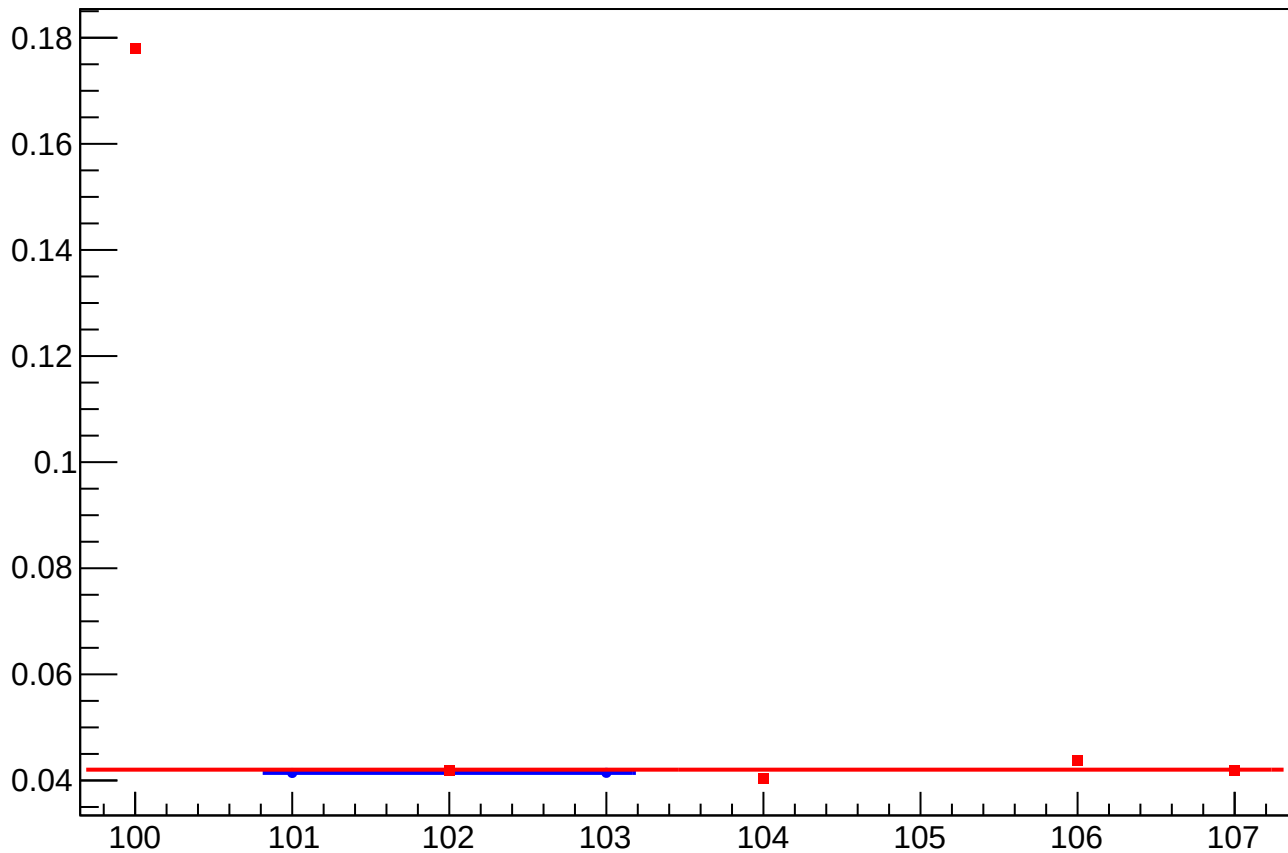
Right: -25.251+/-0.000 χ^2/NDF : 8736673716.9/6

In: -25.312+/-0.000 χ^2/NDF : 1342008.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.251+/-0.000 χ^2/NDF : 8736673716.9/6

yield_dsl_rms vs Slug, Sign Corrected



Right In: 0.041+/-0.000 χ^2/NDF : 0.2/1

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

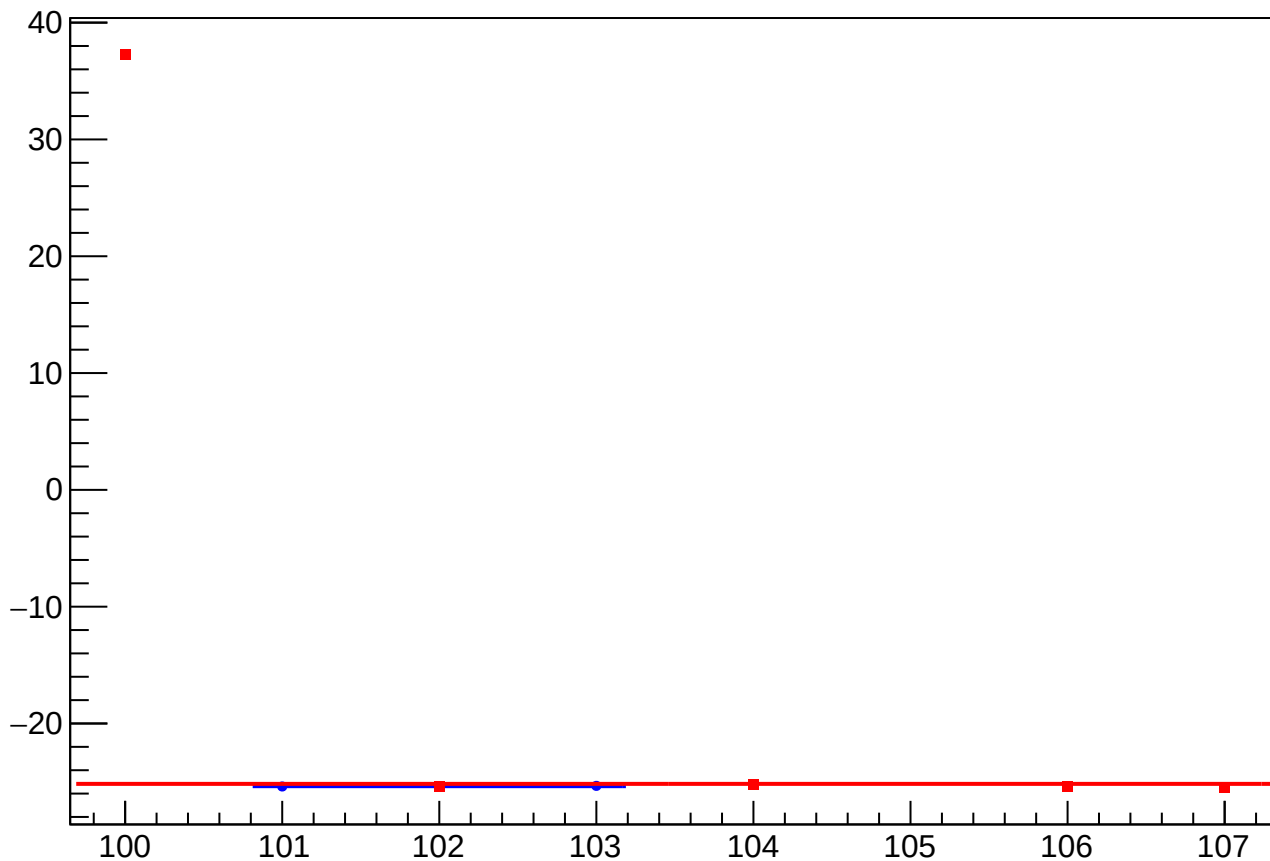
Right: 0.042+/-0.000 χ^2/NDF : 87275.4/6

In: 0.041+/-0.000 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.042+/-0.000 χ^2/NDF : 87275.4/6

yield_dsr_mean vs Slug, Sign Corrected



Right In: -25.366+/-0.000 χ^2/NDF : 249101.7/1

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

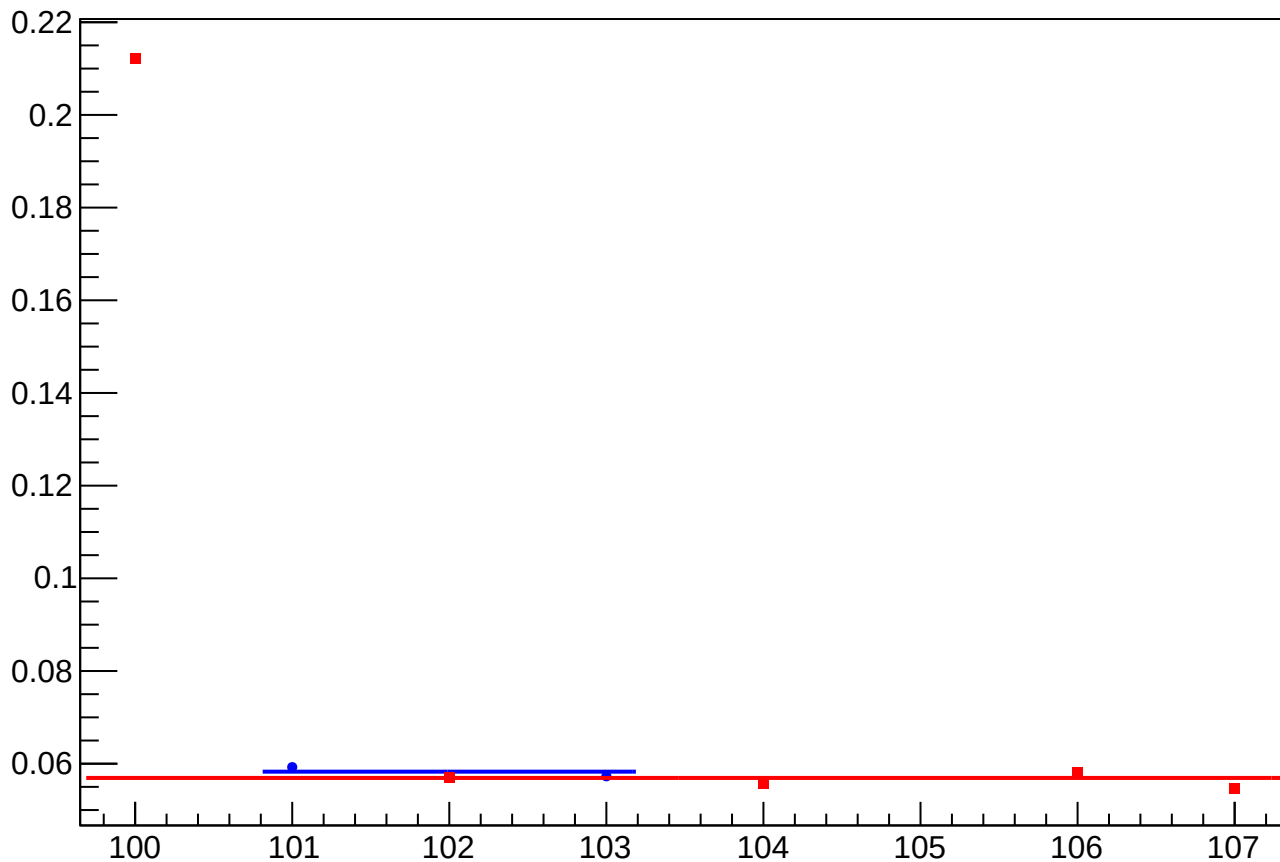
Right: -25.249+/-0.000 χ^2/NDF : 6295561832.4/6

In: -25.366+/-0.000 χ^2/NDF : 249101.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.249+/-0.000 χ^2/NDF : 6295561832.4/6

yield_dsr_rms vs Slug, Sign Corrected



Right In: 0.058+/-0.000 χ^2/NDF : 703.0/1

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

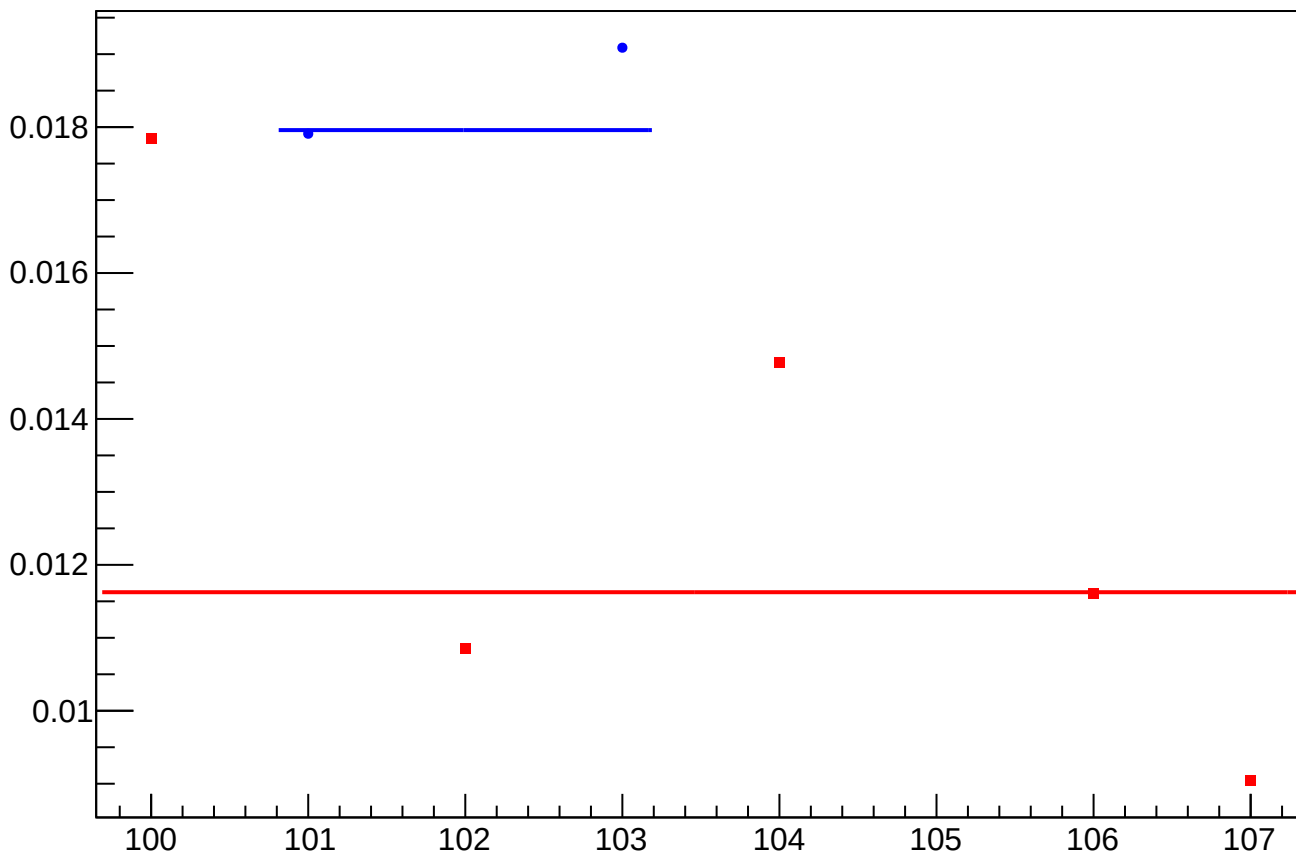
Right: 0.057+/-0.000 χ^2/NDF : 80507.5/6

In: 0.058+/-0.000 χ^2/NDF : 703.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.057+/-0.000 χ^2/NDF : 80507.5/6

yield_atl1_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.000

χ^2/NDF : 11907308.8/1

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000

χ^2/NDF : 1123473318.0/4

Left 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 : 6148066030.7/6

In: 0.018+/-0.000

χ^2/NDF : 11907308.8/1

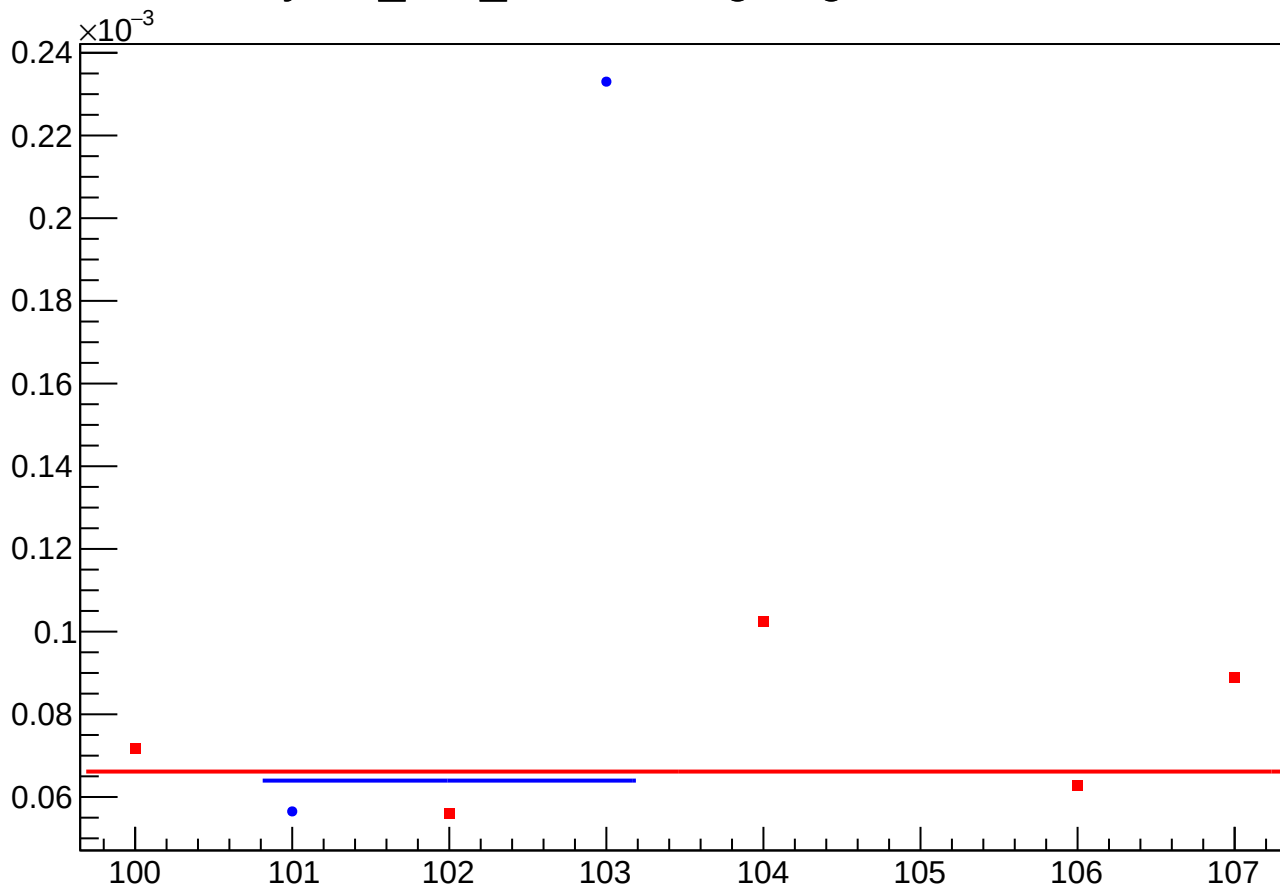
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.014+/-0.000

χ^2/NDF : 6148066030.7/6

yield_atl1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 533556.2/1

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

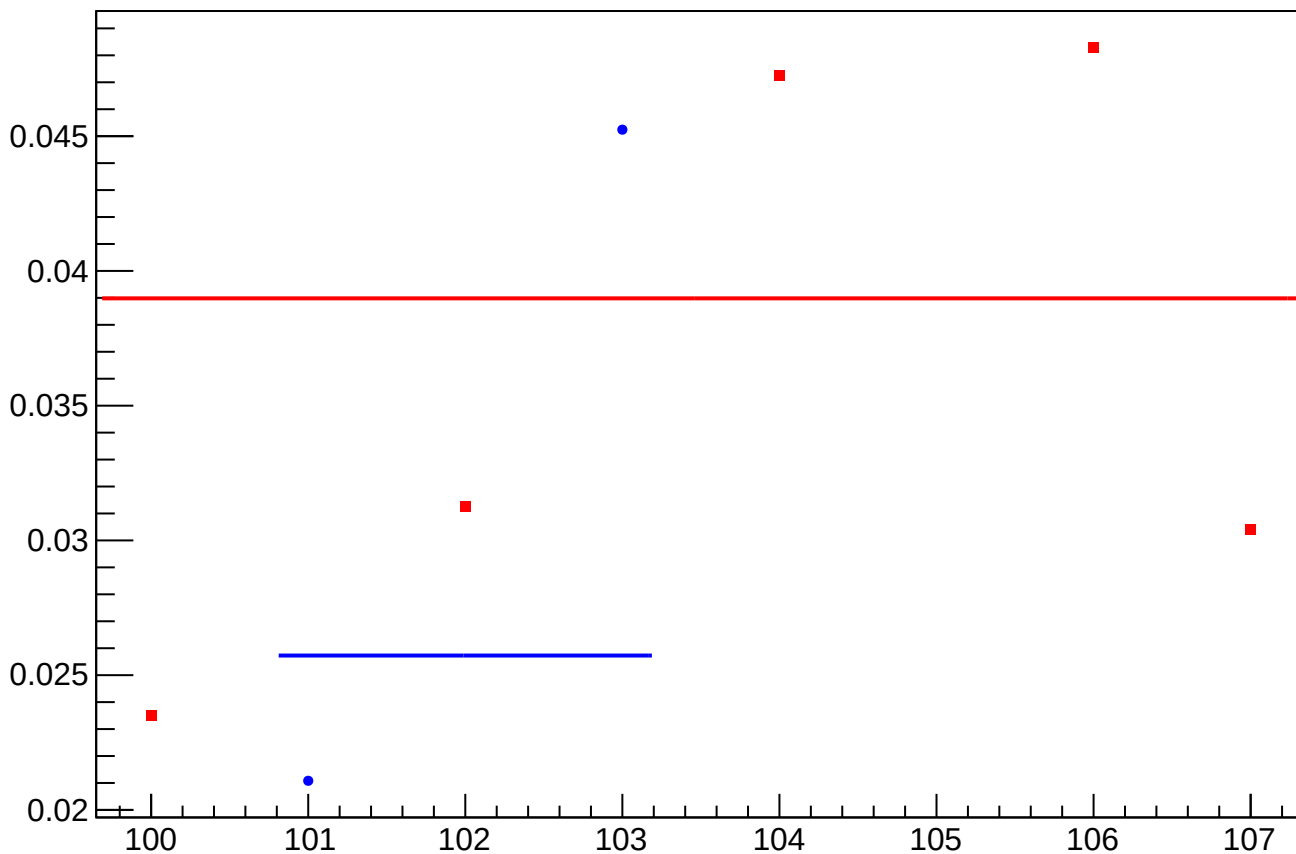
Right: 0.000+/-0.000 χ^2/NDF : 681553.4/6

In: 0.000+/-0.000 χ^2/NDF : 533556.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 681553.4/6

yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.026+/-0.000

χ^2/NDF : 562951337.5/1

Left 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

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.033+/-0.000

χ^2/NDF : 1700497170.4/6

In: 0.026+/-0.000

χ^2/NDF : 562951337.5/1

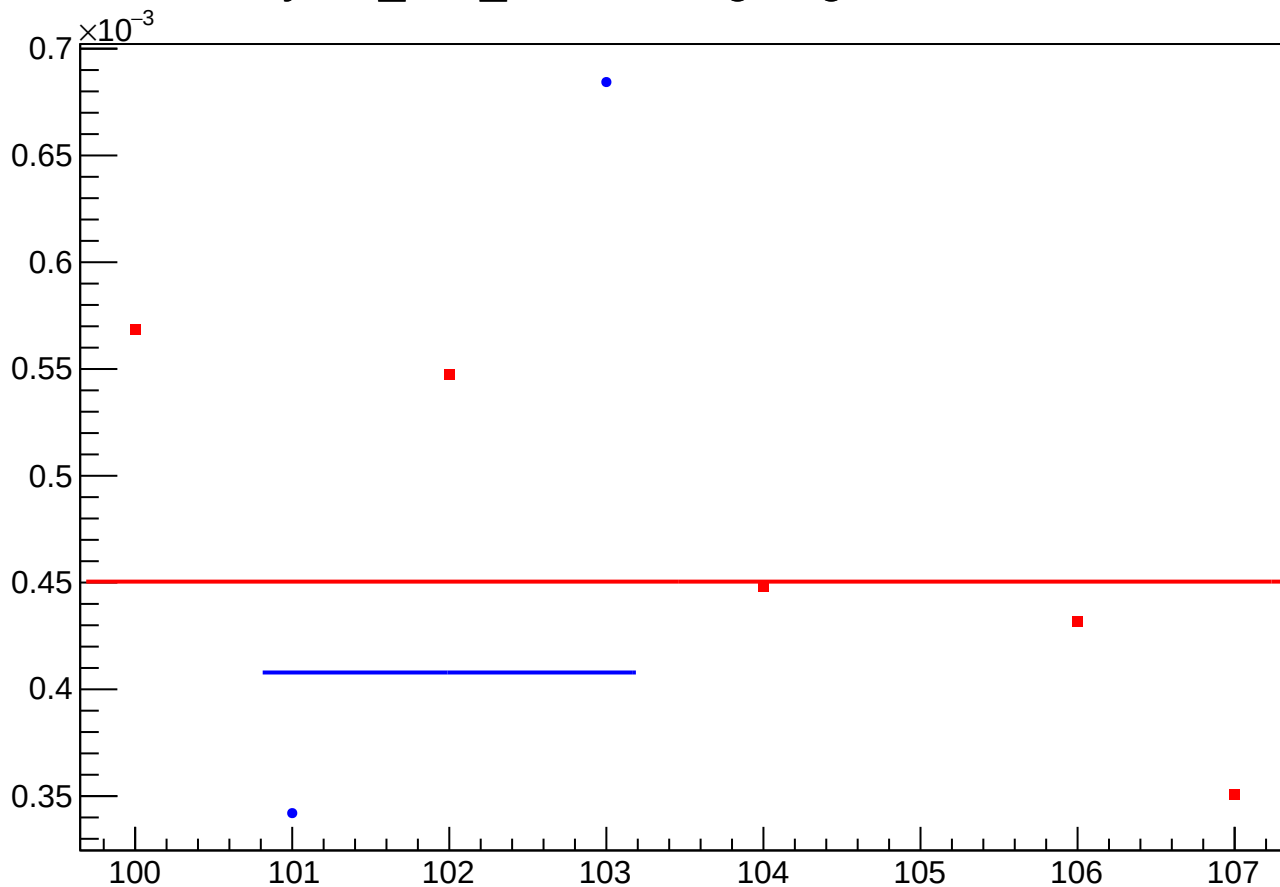
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.033+/-0.000

χ^2/NDF : 1700497170.4/6

yield_atl2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 226062.0/1

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

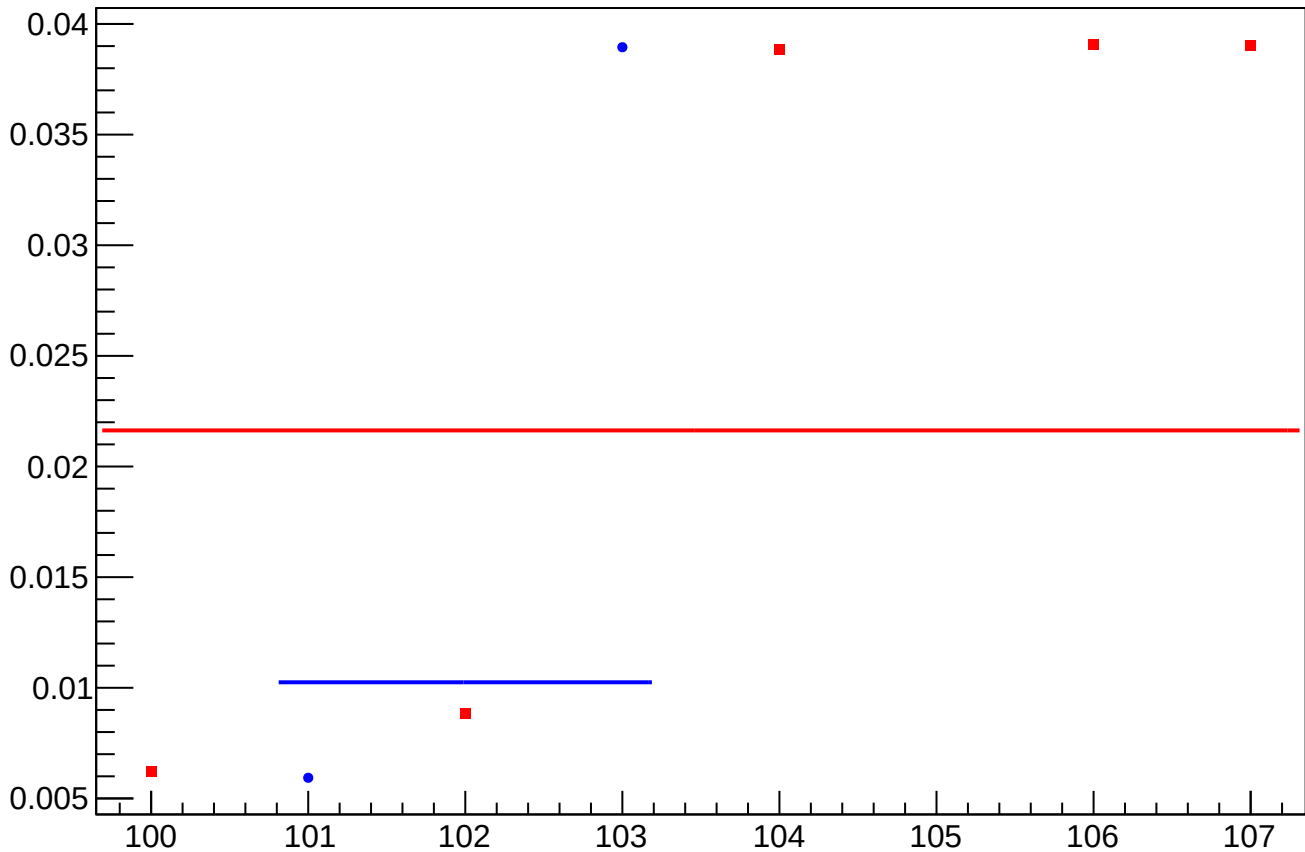
Right: 0.000+/-0.000 χ^2/NDF : 311229.9/6

In: 0.000+/-0.000 χ^2/NDF : 226062.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 311229.9/6

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 19487733520.0/1

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

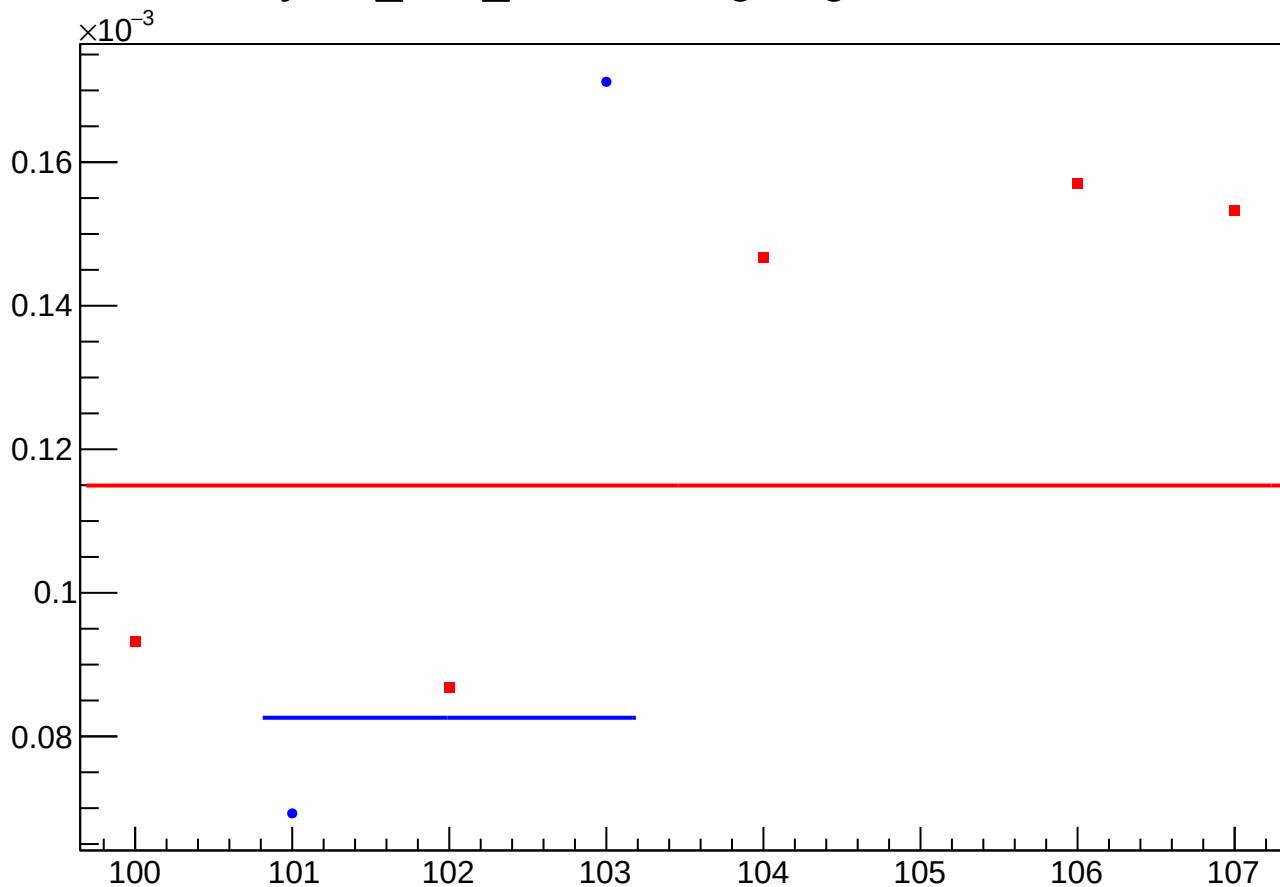
Right: 0.015+/-0.000 χ^2/NDF : 51321857856.7/6

In: 0.010+/-0.000 χ^2/NDF : 19487733520.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 51321857856.7/6

yield_atr1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 371464.5/1

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

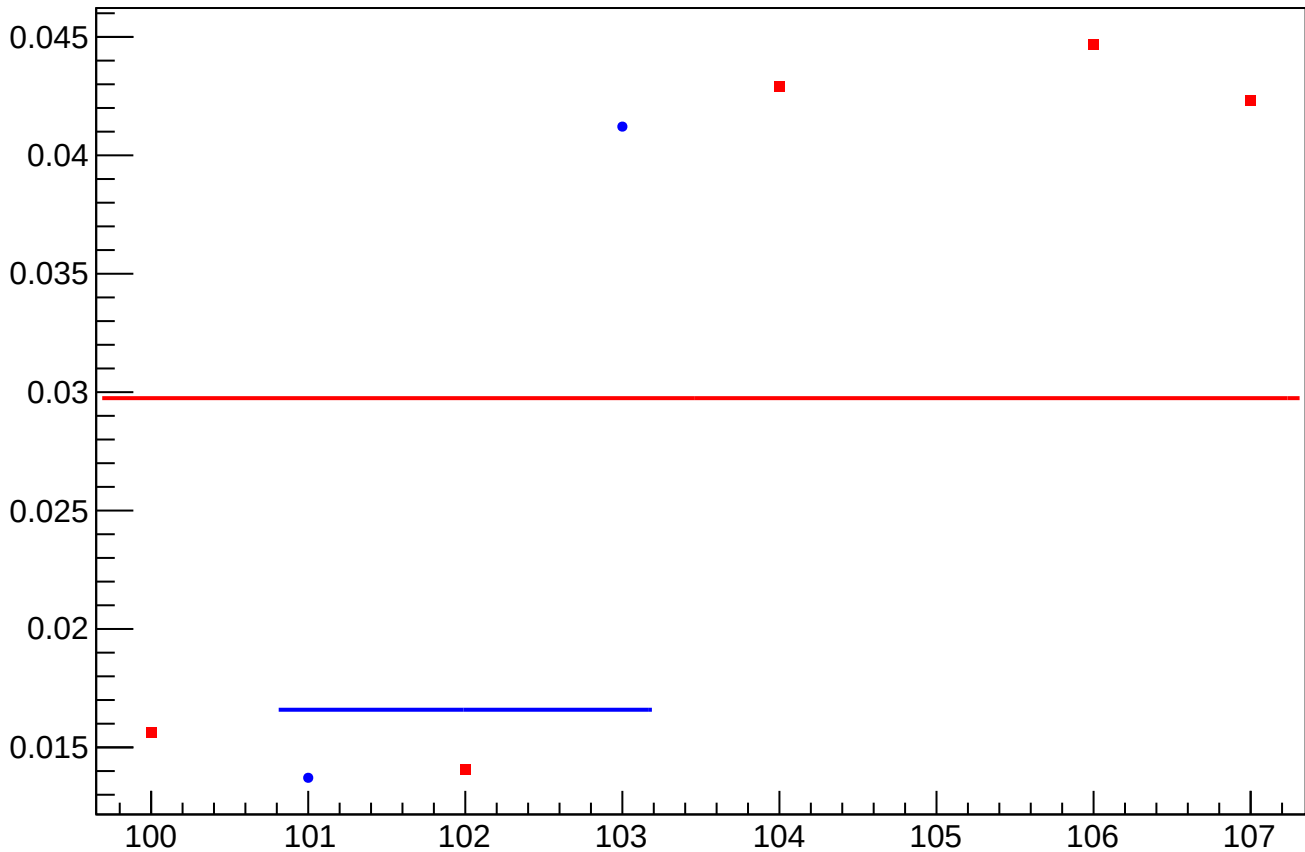
Right: 0.000+/-0.000 χ^2/NDF : 708690.8/6

In: 0.000+/-0.000 χ^2/NDF : 371464.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 708690.8/6

yield_atr2_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 1325520106.8/1

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

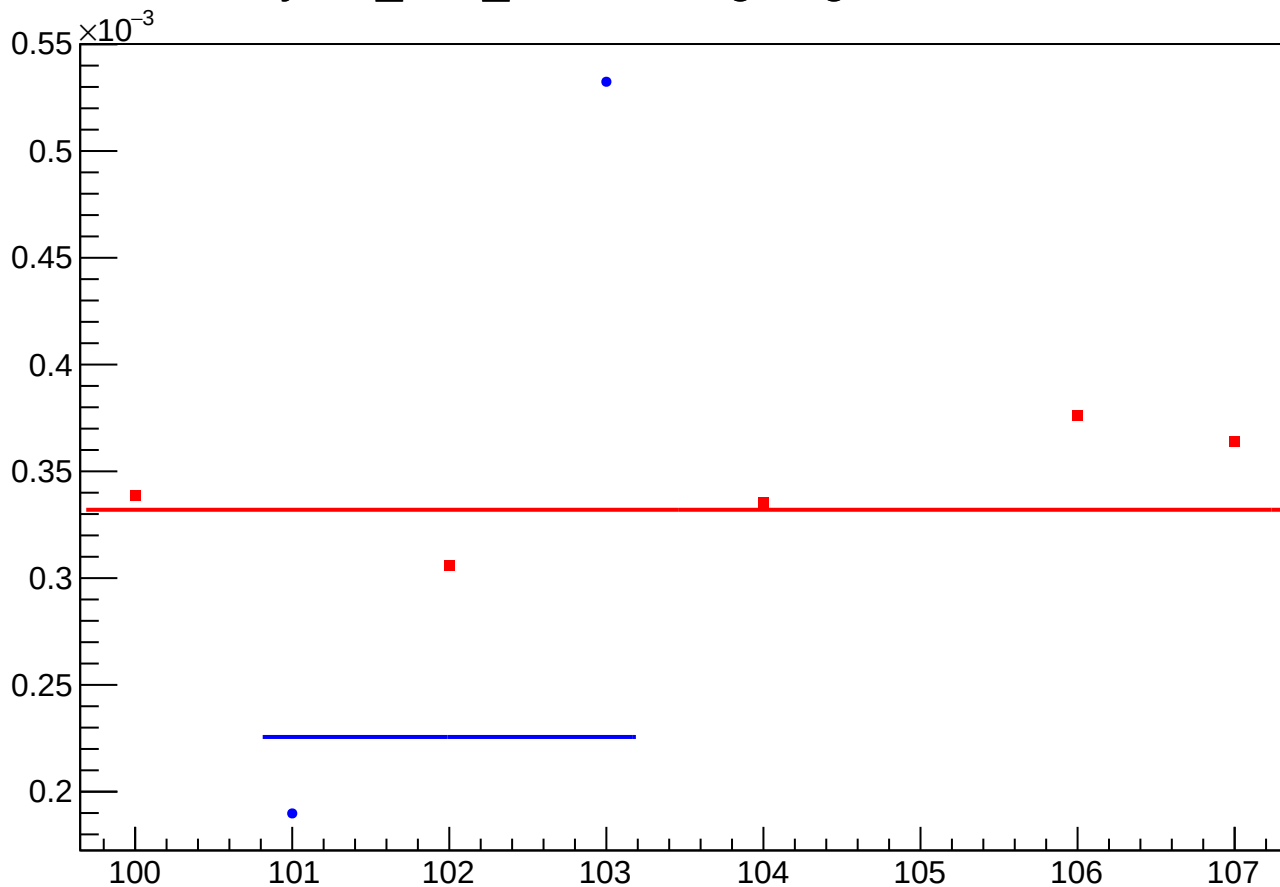
Right: 0.022+/-0.000 χ^2/NDF : 5468695088.9/6

In: 0.017+/-0.000 χ^2/NDF :1325520106.8/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.022+/-0.000 χ^2/NDF : 5468695088.9/6

yield_atr2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 411581.2/1

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

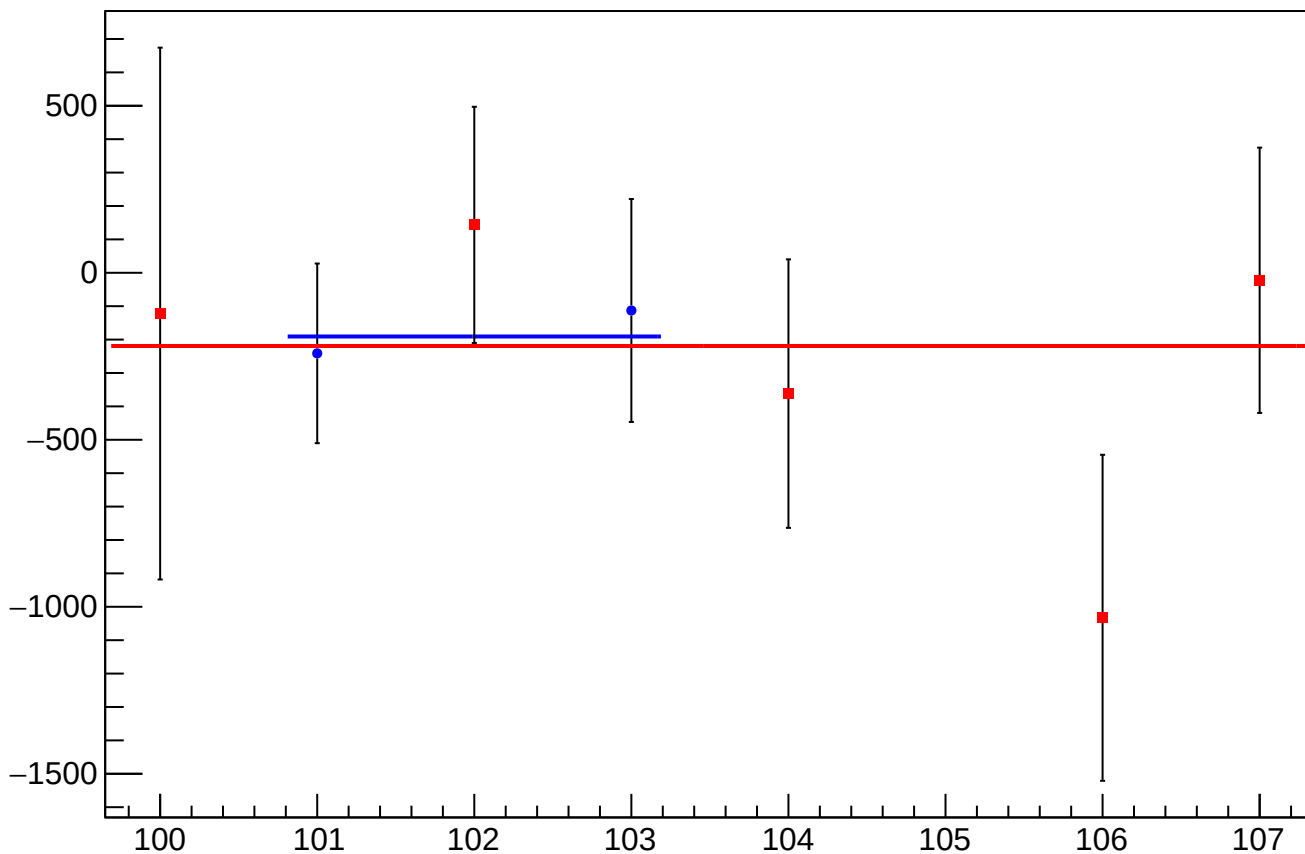
Right: 0.000+/-0.000 χ^2/NDF : 605761.7/6

In: 0.000+/-0.000 χ^2/NDF : 411581.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 605761.7/6

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -190.717 $\pm$ 209.418 χ^2 /NDF: 0.1/1

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

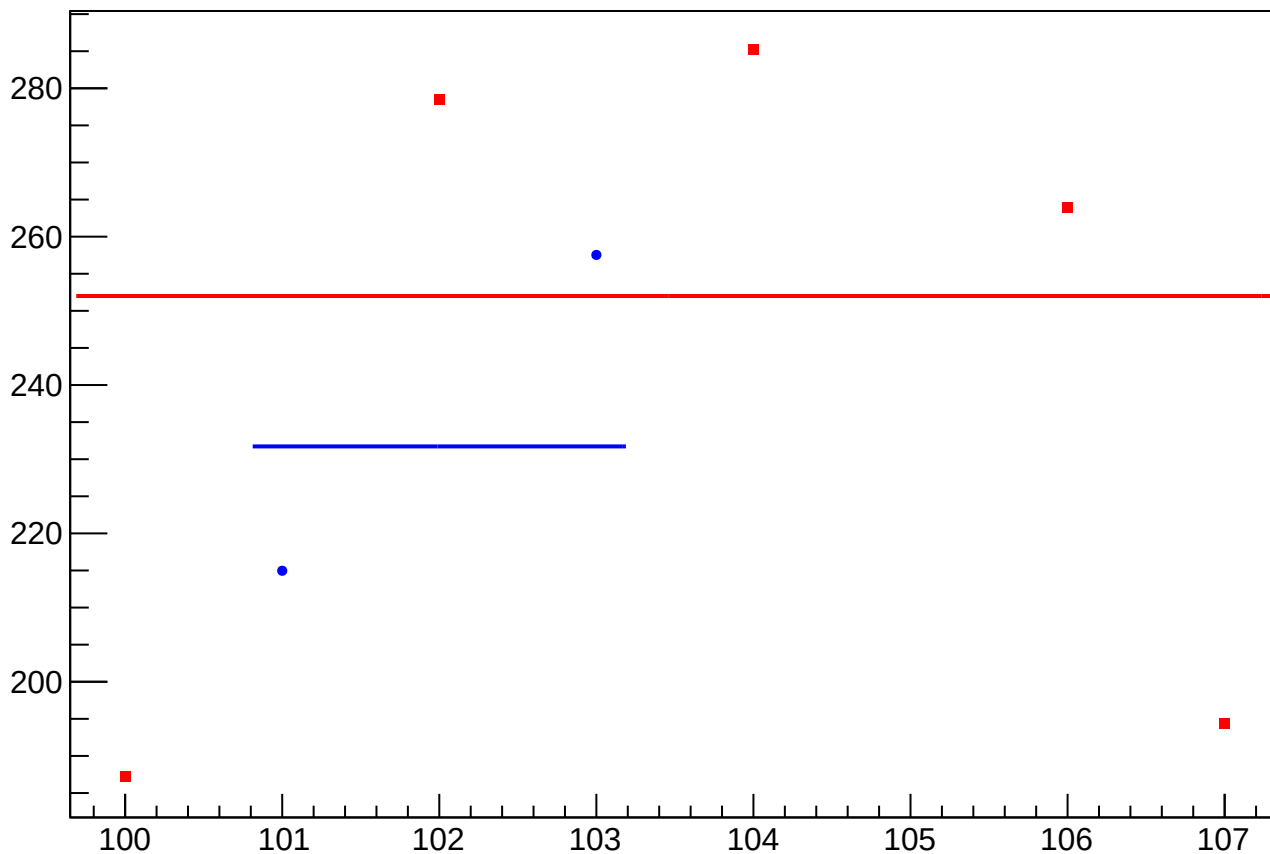
Right: -205.956 $\pm$ 142.707 χ^2 /NDF: 4.3/6

In: -190.717 $\pm$ 209.418 χ^2 /NDF: 0.1/1

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

All: -205.956 $\pm$ 142.707 χ^2 /NDF: 4.3/6

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 231.725 $\pm$ 0.148 χ^2 /NDF: 19732.2/1

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

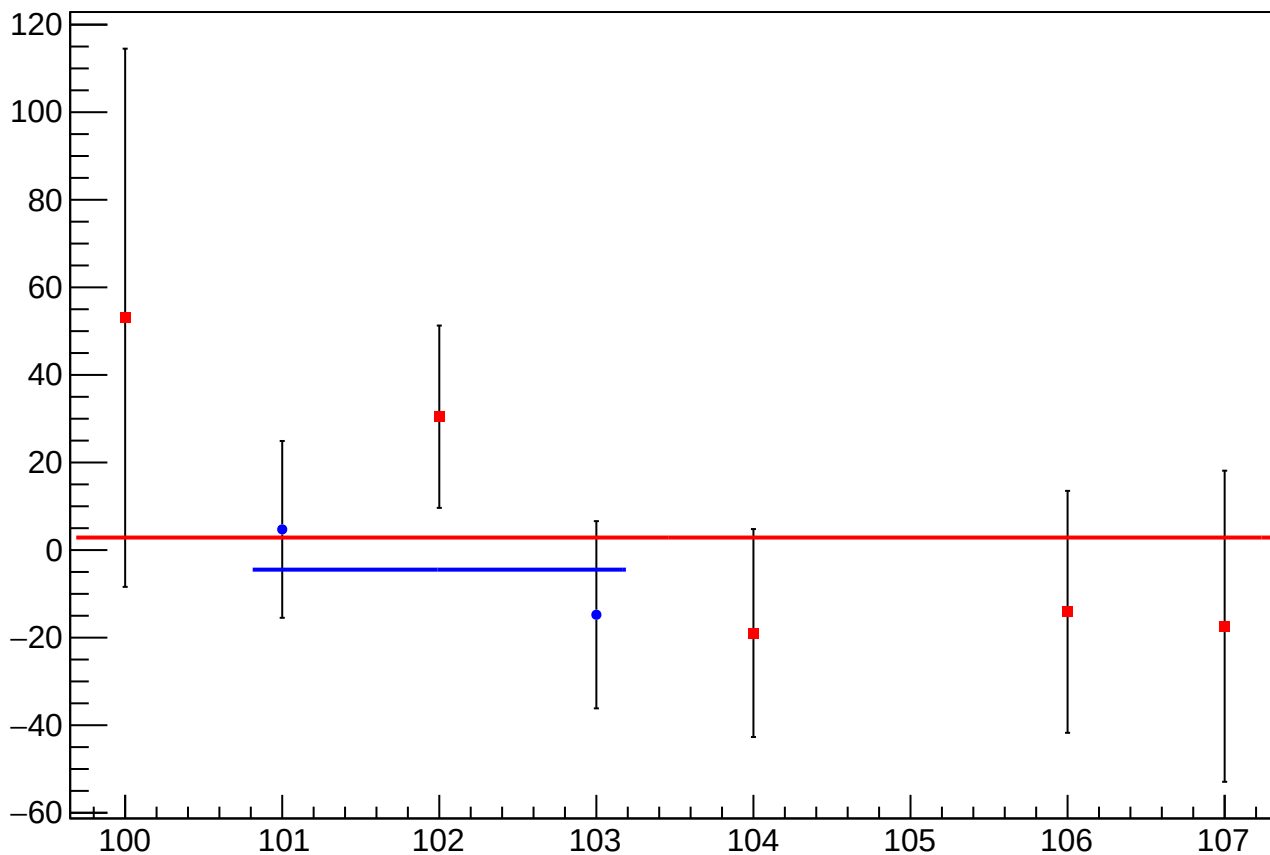
Right: 242.585 $\pm$ 0.101 χ^2 /NDF: 111214.2/6

In: 231.725 $\pm$ 0.148 χ^2 /NDF: 19732.2/1

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

All: 242.585 $\pm$ 0.101 χ^2 /NDF: 111214.2/6

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.469+/-14.680 χ^2/NDF : 0.4/1

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

Right Out: 2.861+/-12.454 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

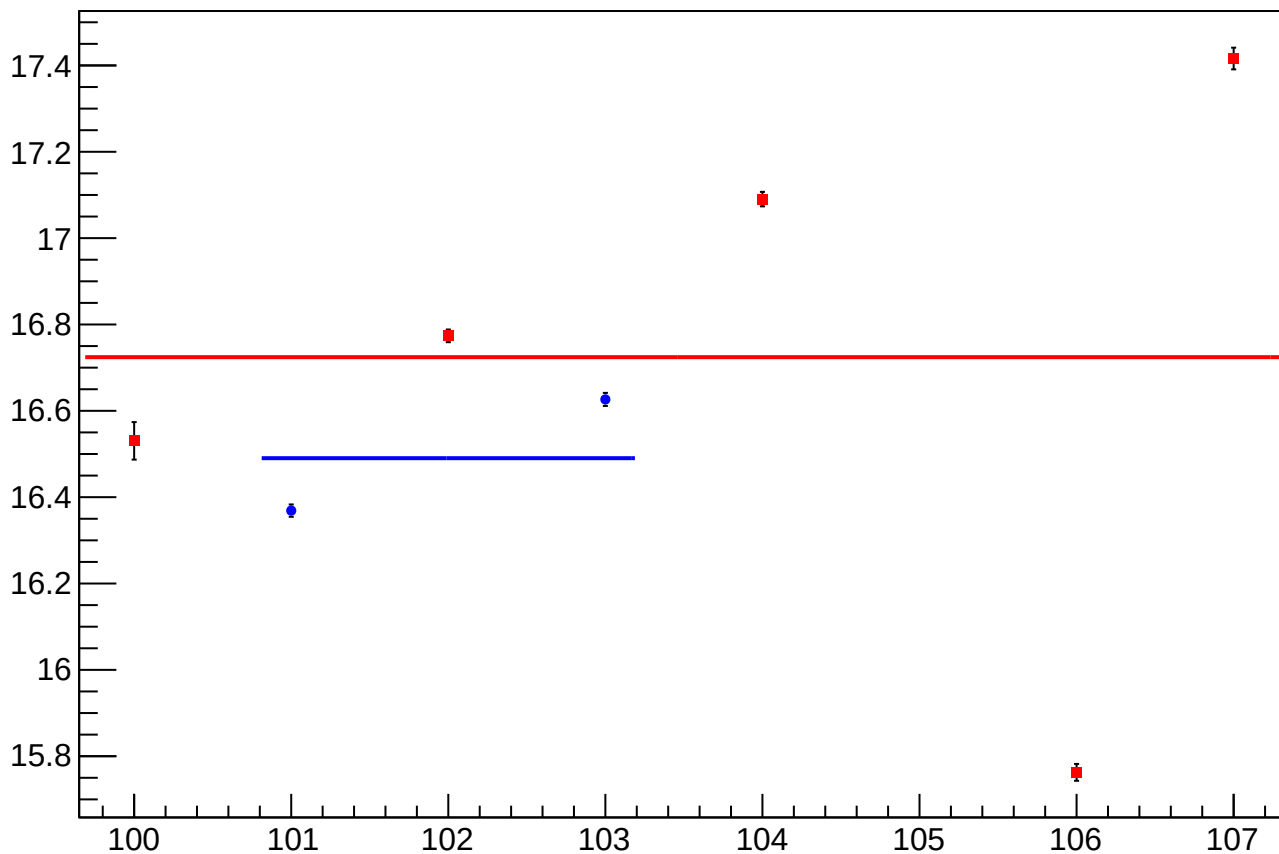
Right: -0.207+/-9.497 χ^2/NDF : 4.6/6

In: -4.469+/-14.680 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.207+/-9.497 χ^2/NDF : 4.6/6

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.490 $\pm$ 0.010 χ^2 /NDF: 153.4/1

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

Right Out: 16.724 $\pm$ 0.009 χ^2 /NDF: 3687.9/4

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

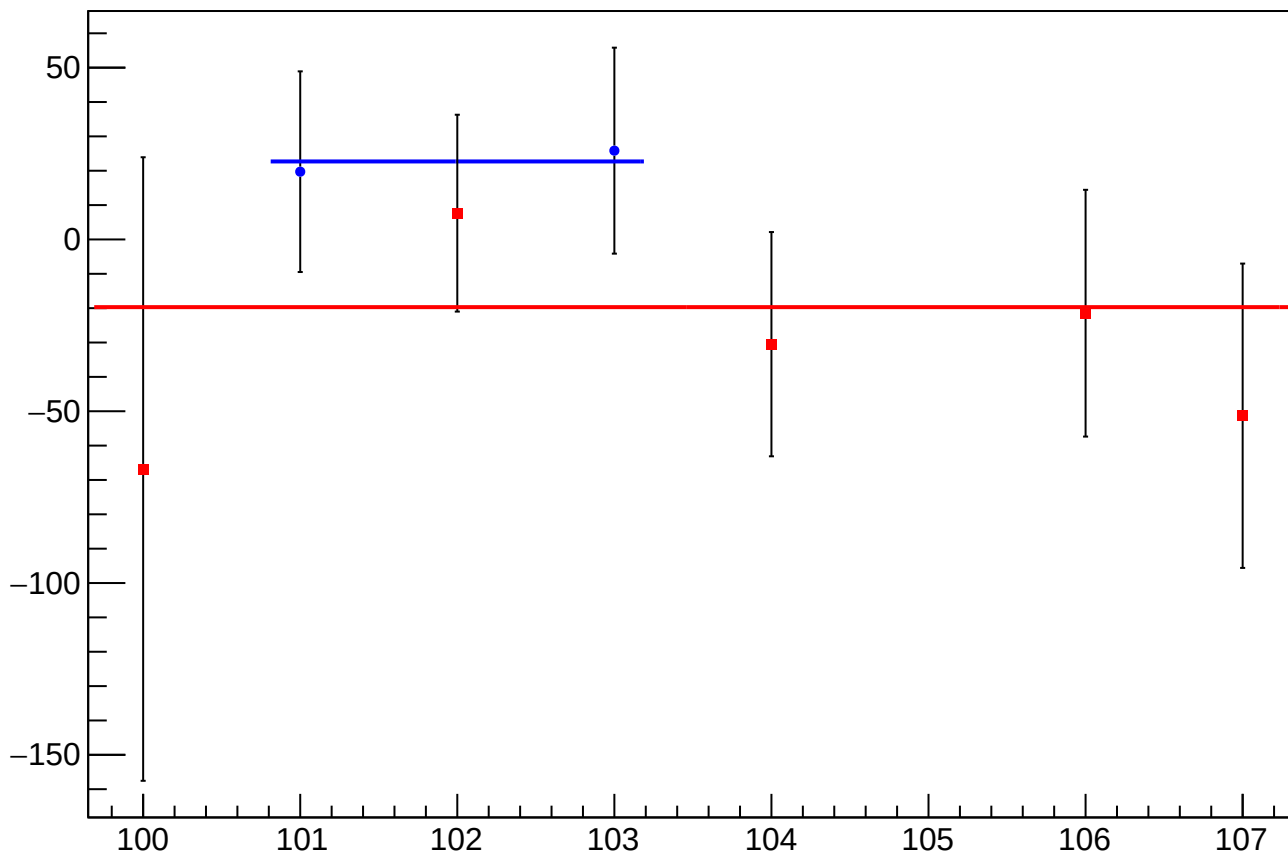
Right: 16.626 $\pm$ 0.007 χ^2 /NDF: 4136.8/6

In: 16.490 $\pm$ 0.010 χ^2 /NDF: 153.4/1

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

All: 16.626 $\pm$ 0.007 χ^2 /NDF: 4136.8/6

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 22.703 $\pm$ 20.916 χ^2 /NDF: 0.0/1

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

Right Out: -19.701 $\pm$ 16.750 χ^2 /NDF: 1.8/4

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

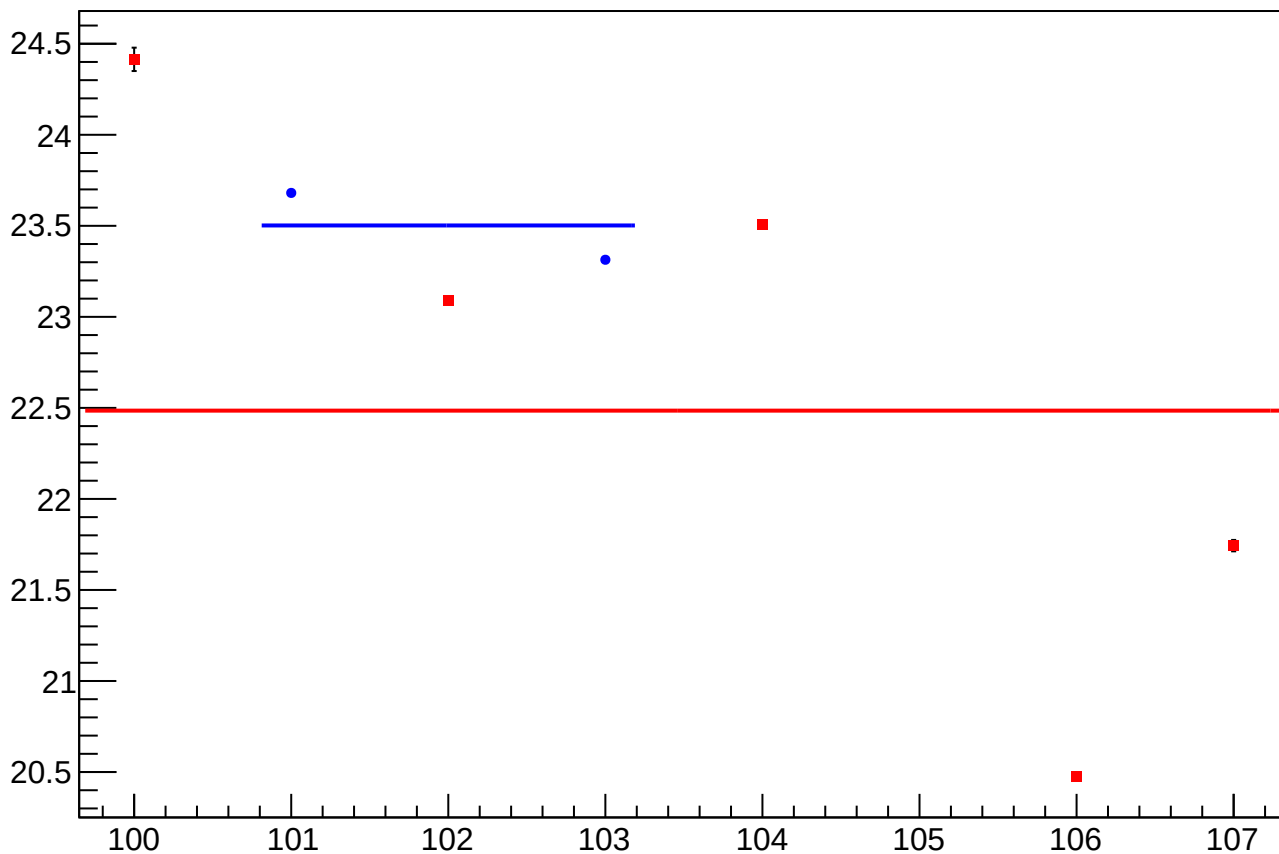
Right: -3.132 $\pm$ 13.075 χ^2 /NDF: 4.3/6

In: 22.703 $\pm$ 20.916 χ^2 /NDF: 0.0/1

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

All: -3.132 $\pm$ 13.075 χ^2 /NDF: 4.3/6

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 23.502+/-0.015 χ^2/NDF : 153.9/1

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

Right Out: 22.485+/-0.012 χ^2/NDF : 10583.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

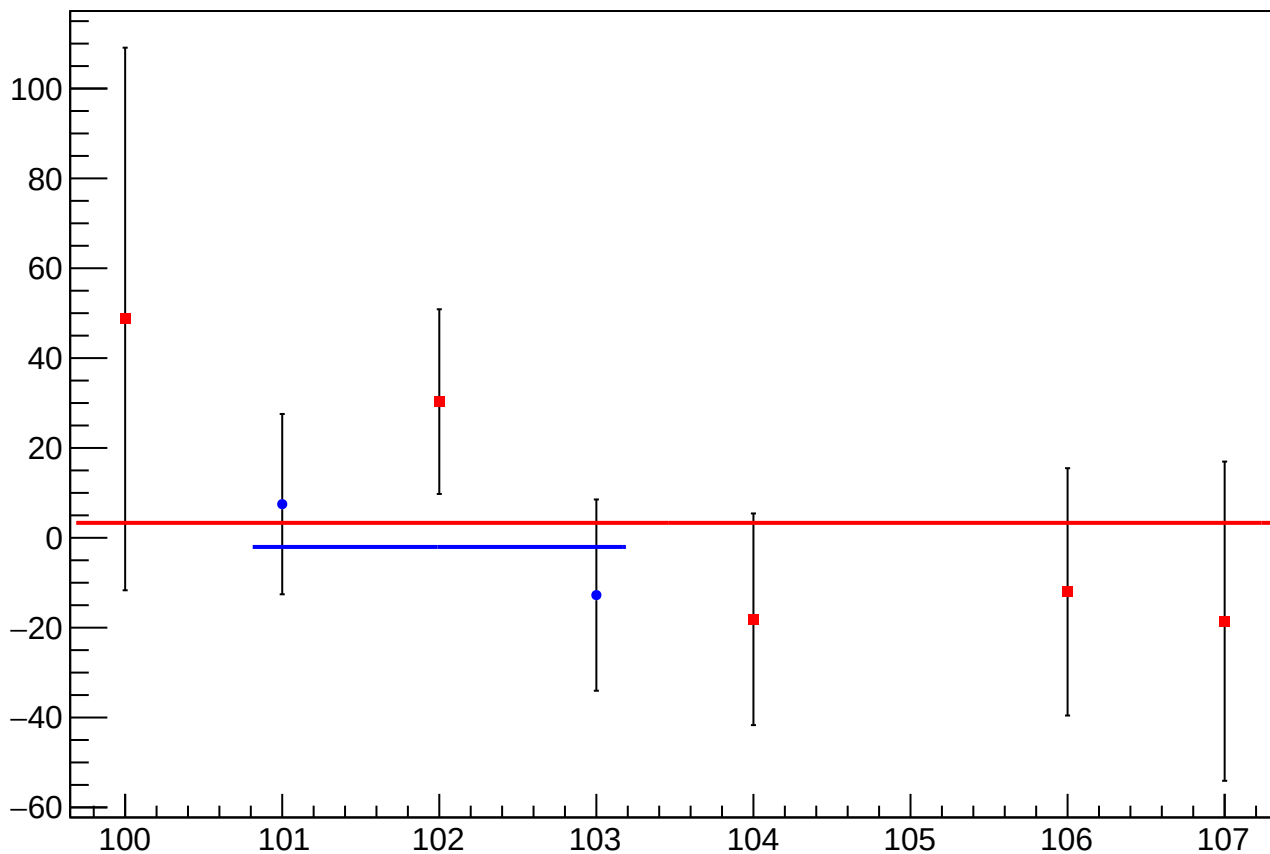
Right: 22.882+/-0.009 χ^2/NDF : 13618.8/6

In: 23.502+/-0.015 χ^2/NDF : 153.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.882+/-0.009 χ^2/NDF : 13618.8/6

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -2.032 $\pm$ 14.602 χ^2 /NDF: 0.5/1

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

Right Out: 3.329 $\pm$ 12.351 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

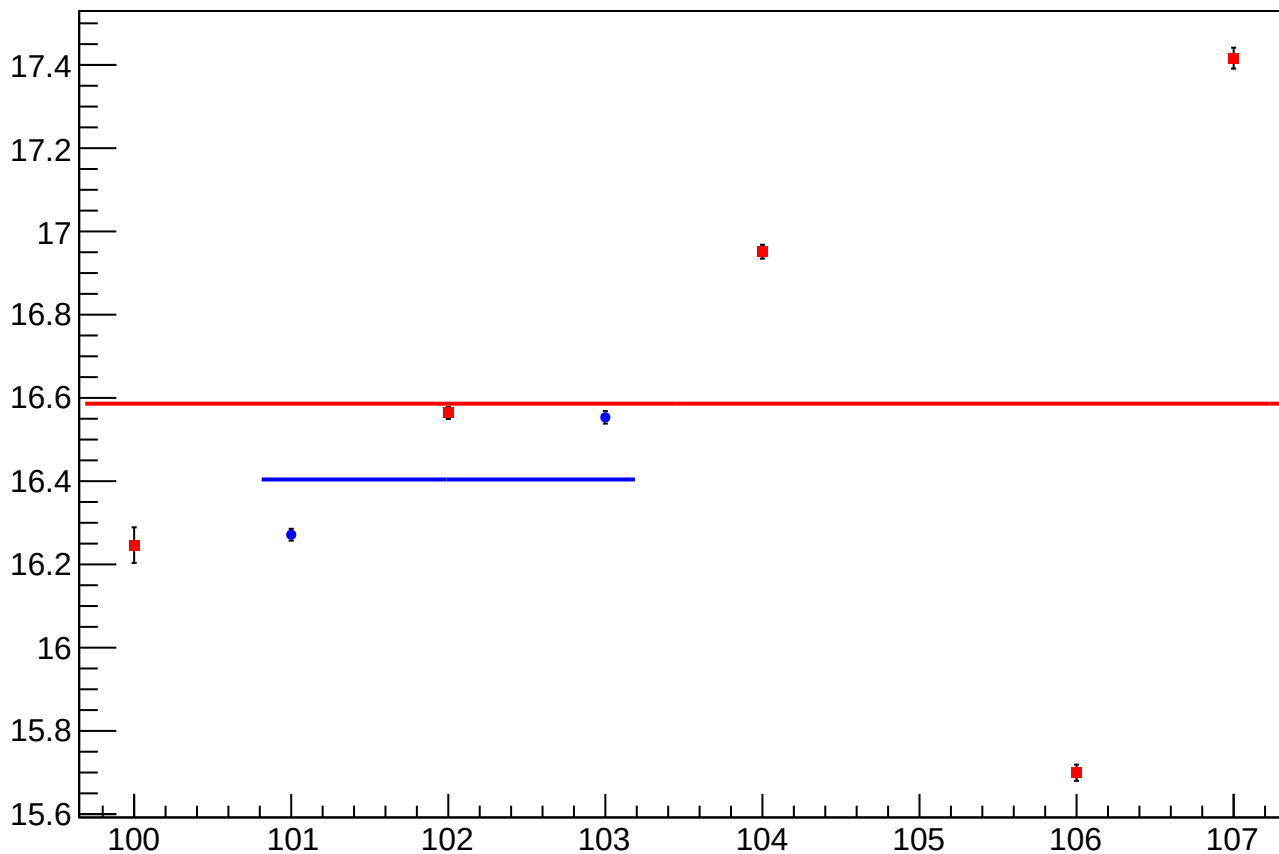
Right: 1.094 $\pm$ 9.430 χ^2 /NDF: 4.4/6

In: -2.032 $\pm$ 14.602 χ^2 /NDF: 0.5/1

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

All: 1.094 $\pm$ 9.430 χ^2 /NDF: 4.4/6

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.404+/-0.010 χ^2/NDF : 185.8/1

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

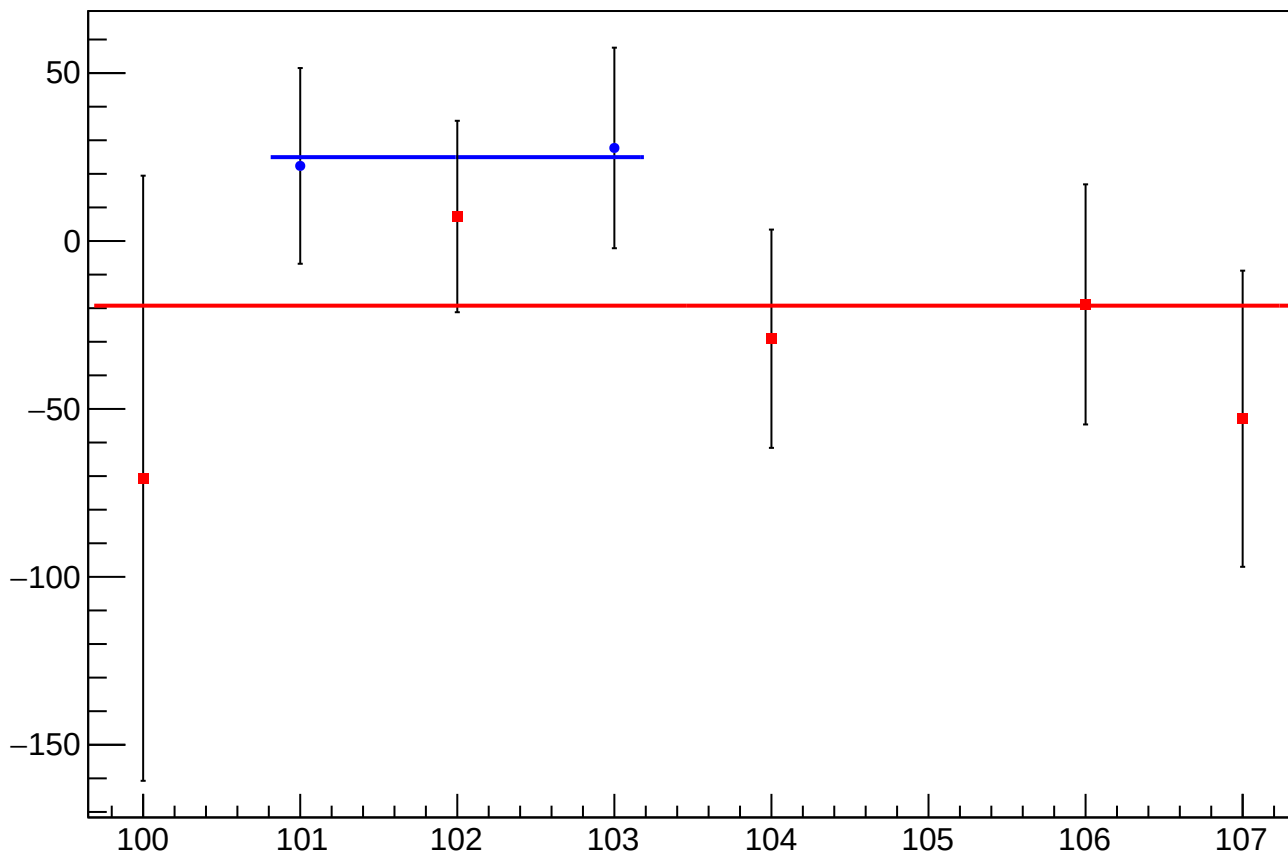
Right: 16.510+/-0.007 χ^2/NDF : 4080.9/6

In: 16.404+/-0.010 χ^2/NDF : 185.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.510+/-0.007 χ^2/NDF : 4080.9/6

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 24.975 $\pm$ 20.854 χ^2 /NDF: 0.0/1

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

Right Out: -19.247 $\pm$ -16.671 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

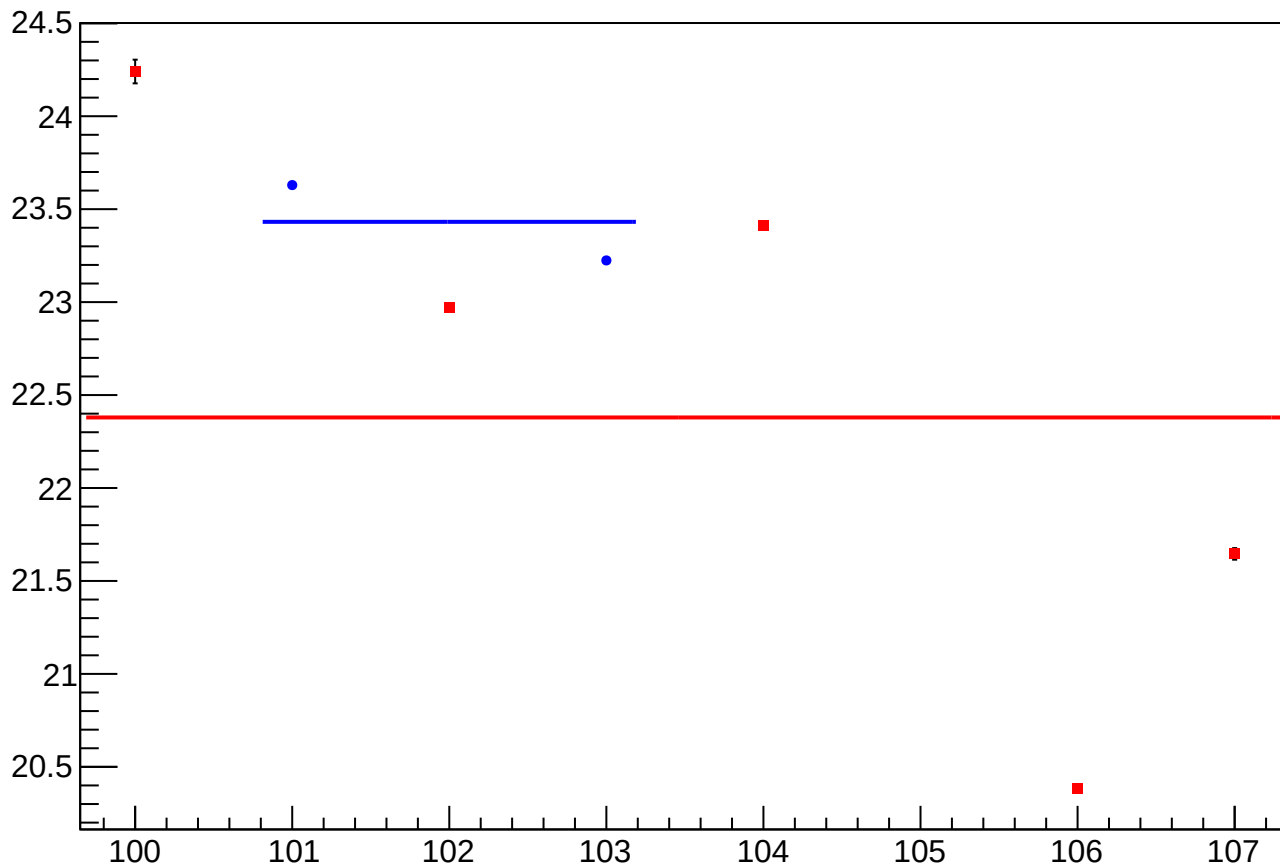
Right: -2.005 $\pm$ -13.022 χ^2 /NDF: 4.6/6

In: 24.975 $\pm$ -20.854 χ^2 /NDF:0.0/1

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

All: -2.005 $\pm$ -13.022 χ^2 /NDF: 4.6/6

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 23.432+/-0.015 χ^2/NDF : 188.7/1

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

Right Out: 22.380+/-0.012 χ^2/NDF : 10515.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

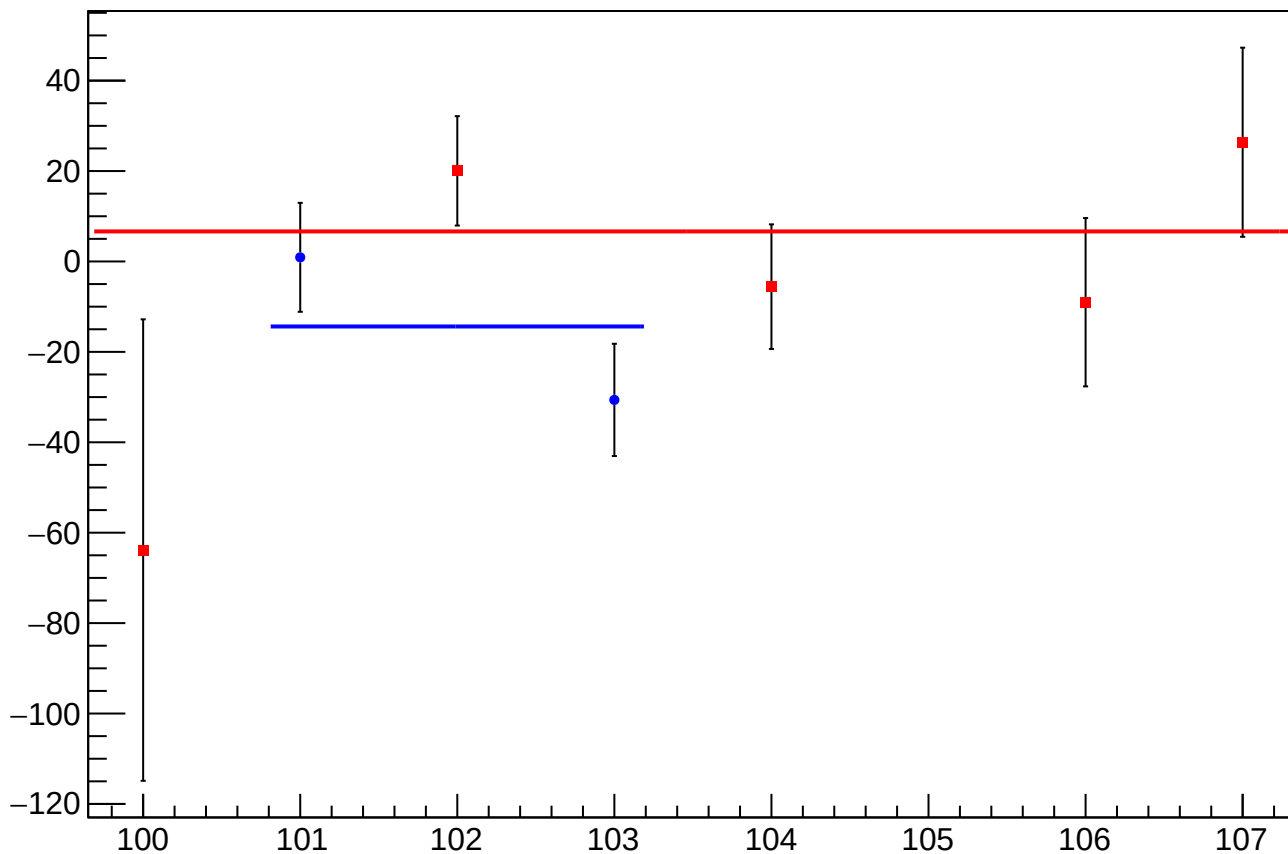
Right: 22.790+/-0.009 χ^2/NDF : 13810.8/6

In: 23.432+/-0.015 χ^2/NDF : 188.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.790+/-0.009 χ^2/NDF : 13810.8/6

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -14.383+/-8.647 χ^2/NDF : 3.3/1

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

Right Out: 6.645+/-7.527 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

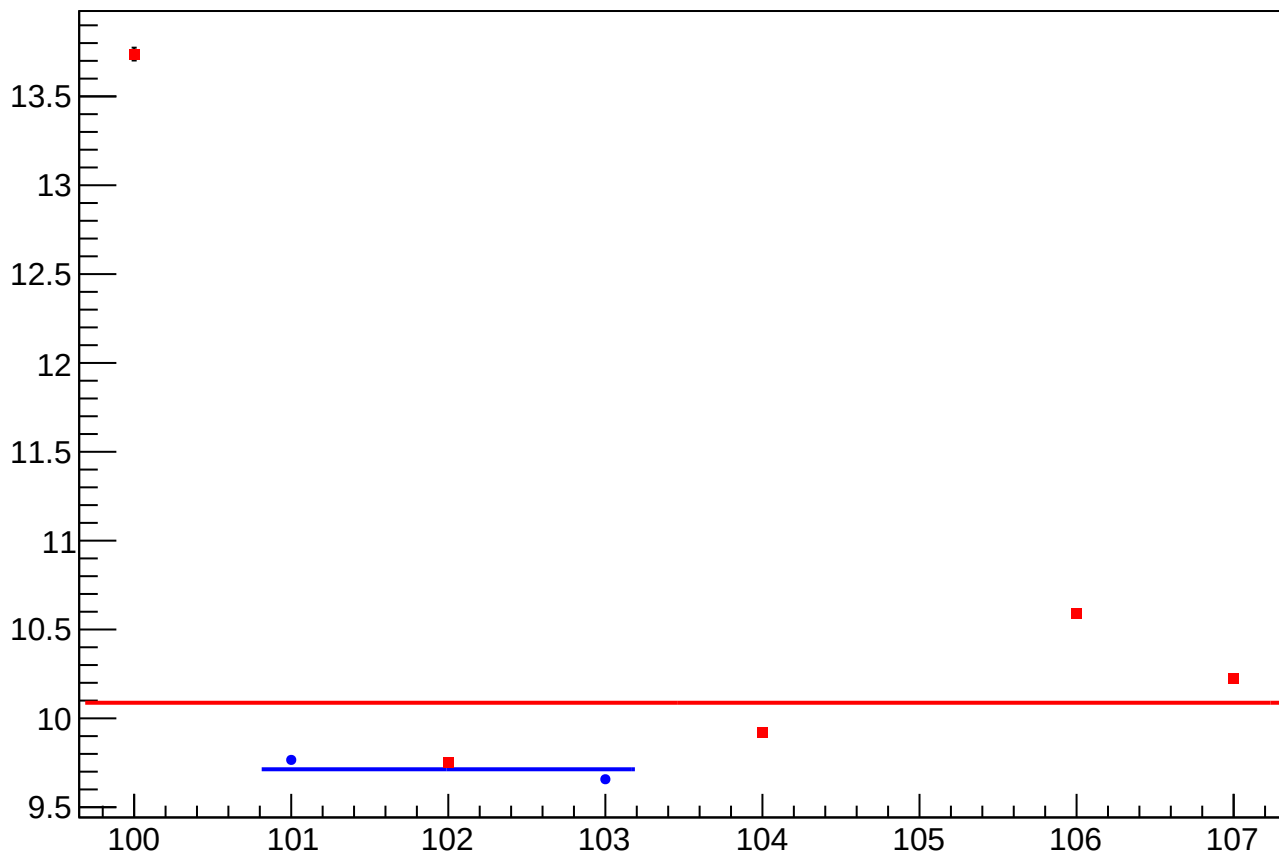
Right: -2.420+/-5.677 χ^2/NDF : 12.2/6

In: -14.383+/-8.647 χ^2/NDF : 3.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.420+/-5.677 χ^2/NDF : 12.2/6

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 9.713 $\pm$ 0.006 χ^2 /NDF: 79.1/1

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

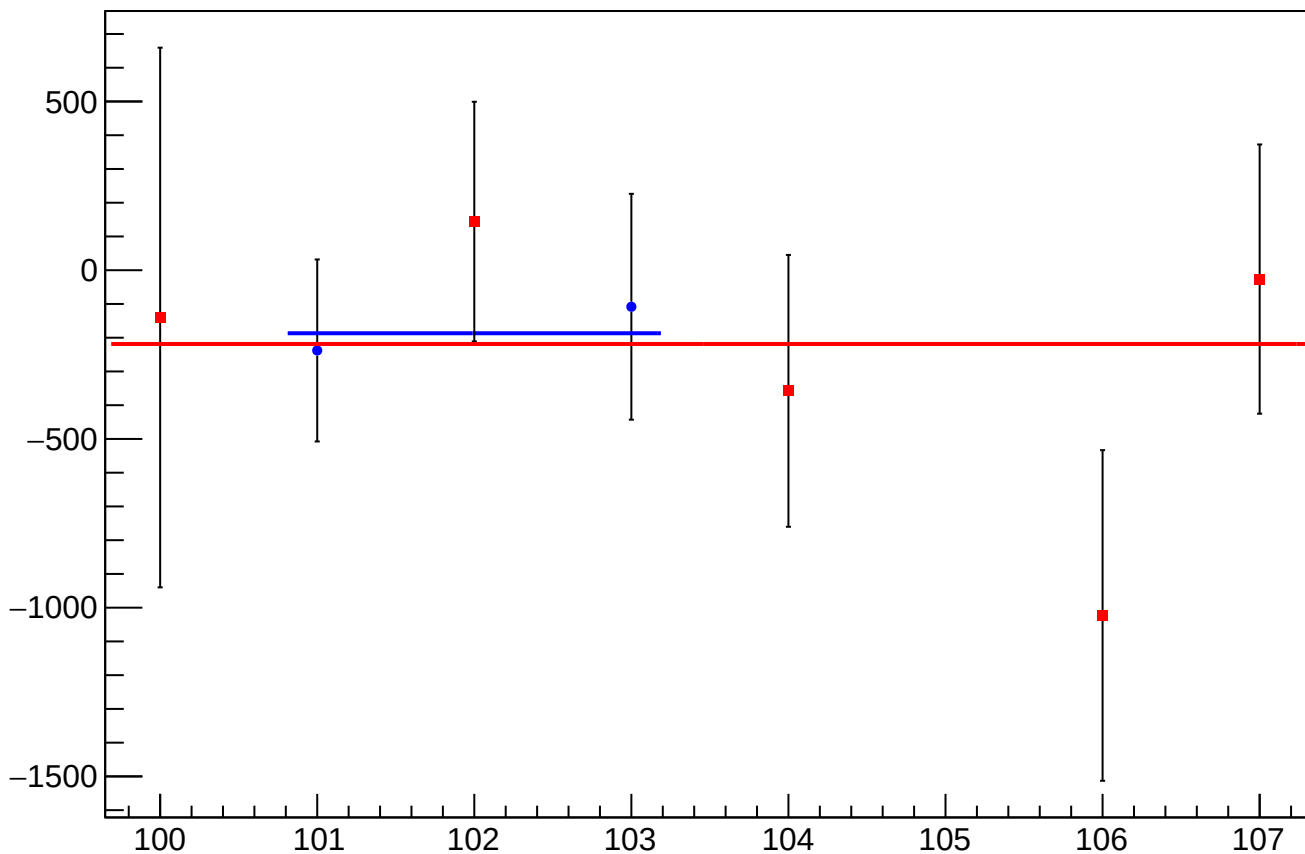
Right: 9.926 $\pm$ 0.004 χ^2 /NDF: 15819.4/6

In: 9.713 $\pm$ 0.006 χ^2 /NDF: 79.1/1

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

All: 9.926 $\pm$ 0.004 χ^2 /NDF: 15819.4/6

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: -186.789+/-209.988 χ^2/NDF : 0.1/1

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

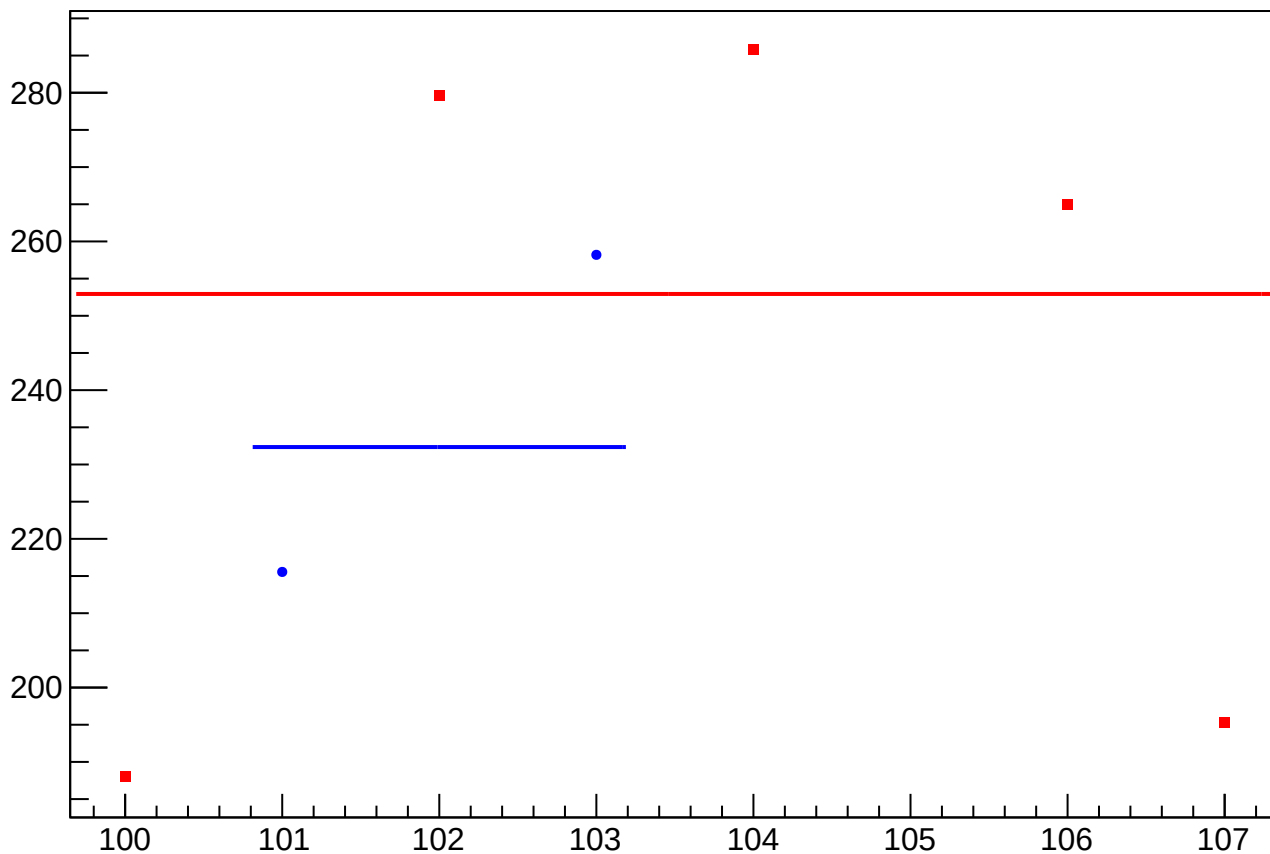
Right: -203.812+/-143.165 χ^2/NDF : 4.2/6

In: -186.789+/-209.988 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -203.812+/-143.165 χ^2/NDF : 4.2/6

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 232.347 $\pm$ 0.148 χ^2 /NDF: 19693.7/1

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

Right Out: 252.936 $\pm$ 0.138 χ^2 /NDF: 80825.9/4

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

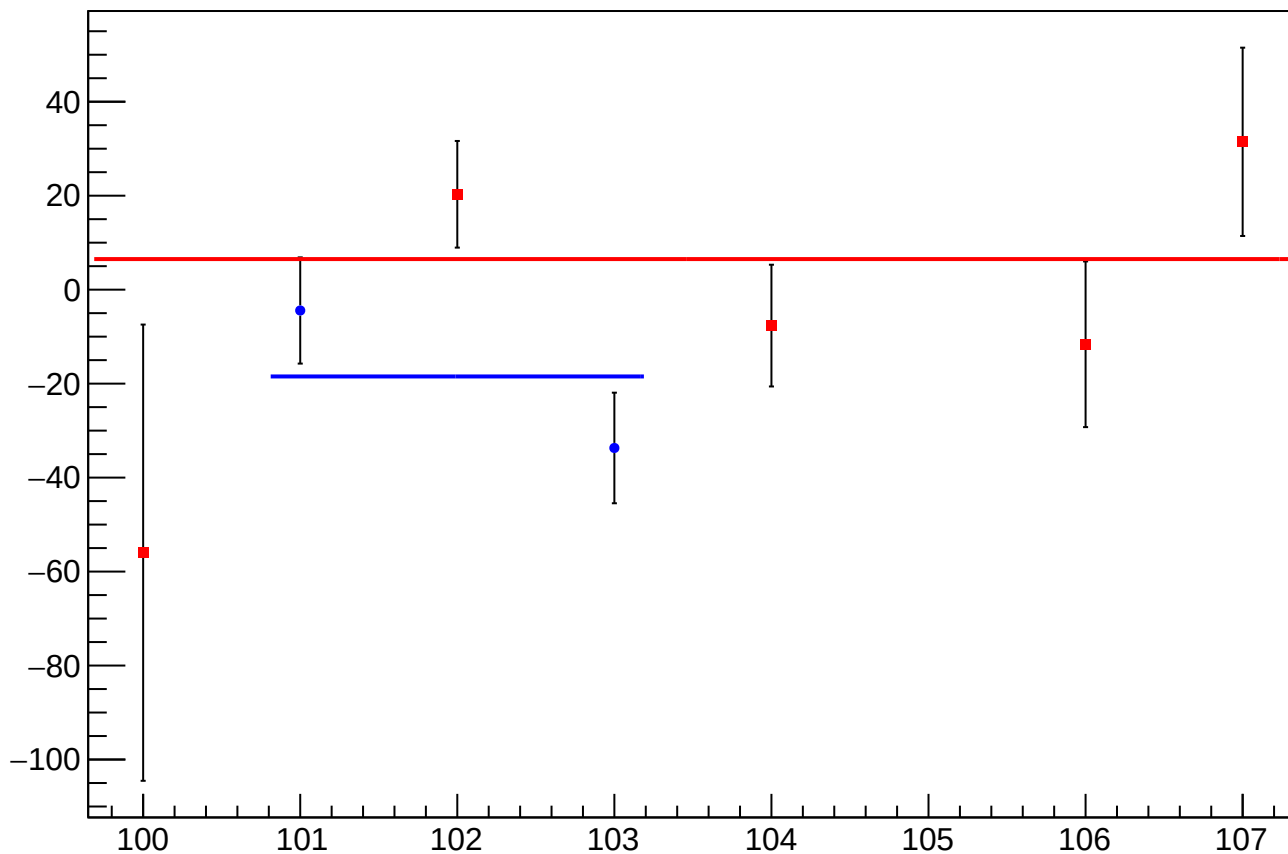
Right: 243.366 $\pm$ 0.101 χ^2 /NDF: 110809.6/6

In: 232.347 $\pm$ 0.148 χ^2 /NDF:19693.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 243.366 $\pm$ 0.101 χ^2 /NDF: 110809.6/6

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -18.472 $\pm$ 8.152 χ^2 /NDF: 3.2/1

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

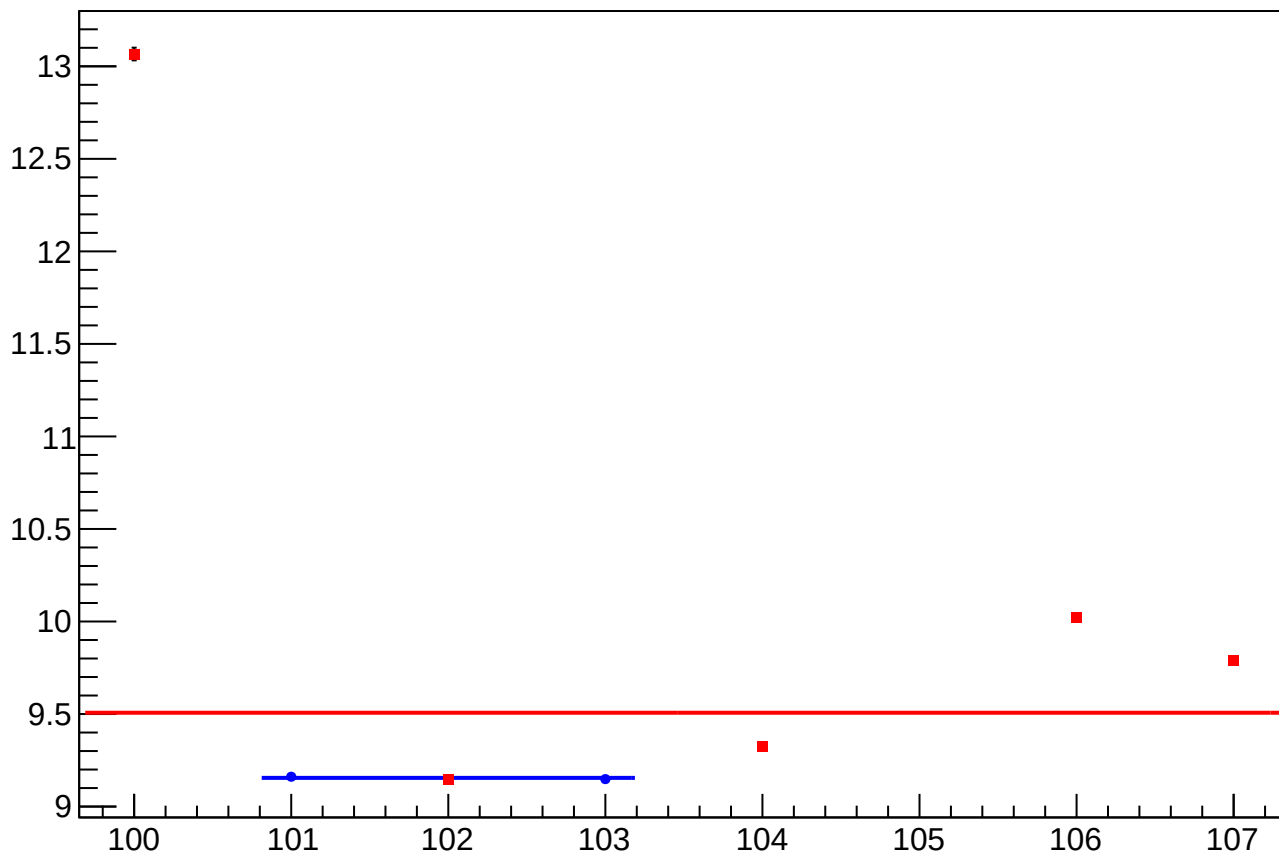
Right: -4.262 $\pm$ 5.353 χ^2 /NDF: 15.5/6

In: -18.472 $\pm$ 8.152 χ^2 /NDF: 3.2/1

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

All: -4.262 $\pm$ 5.353 χ^2 /NDF: 15.5/6

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 9.155 $\pm$ 0.006 χ^2 /NDF: 1.2/1

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

Right Out: 9.507 $\pm$ 0.005 χ^2 /NDF: 15236.6/4

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

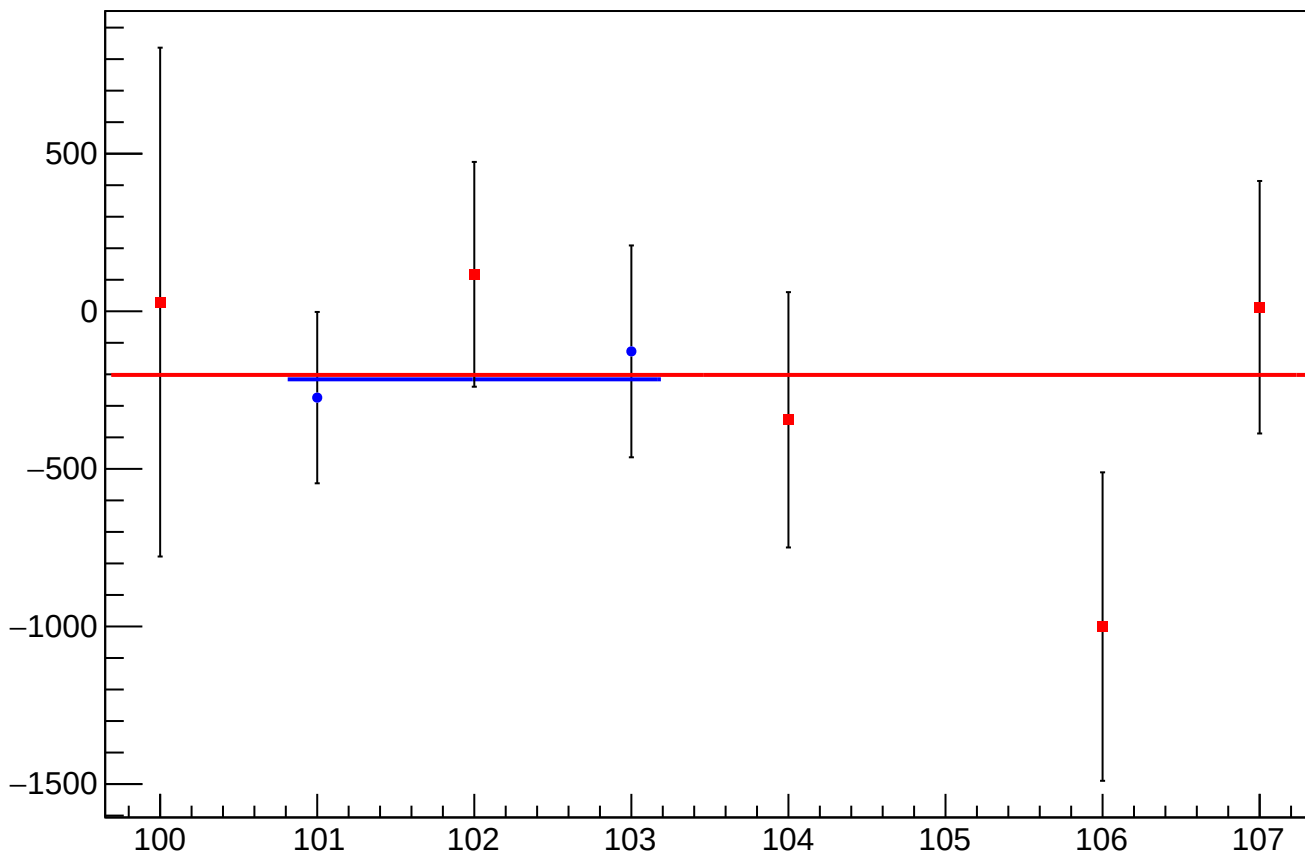
Right: 9.355 $\pm$ 0.004 χ^2 /NDF: 17357.9/6

In: 9.155 $\pm$ 0.006 χ^2 /NDF:1.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 9.355 $\pm$ 0.004 χ^2 /NDF: 17357.9/6

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -215.890+/-211.347 χ^2 /NDF: 0.1/1

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

Right Out: -201.875+/-196.485 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

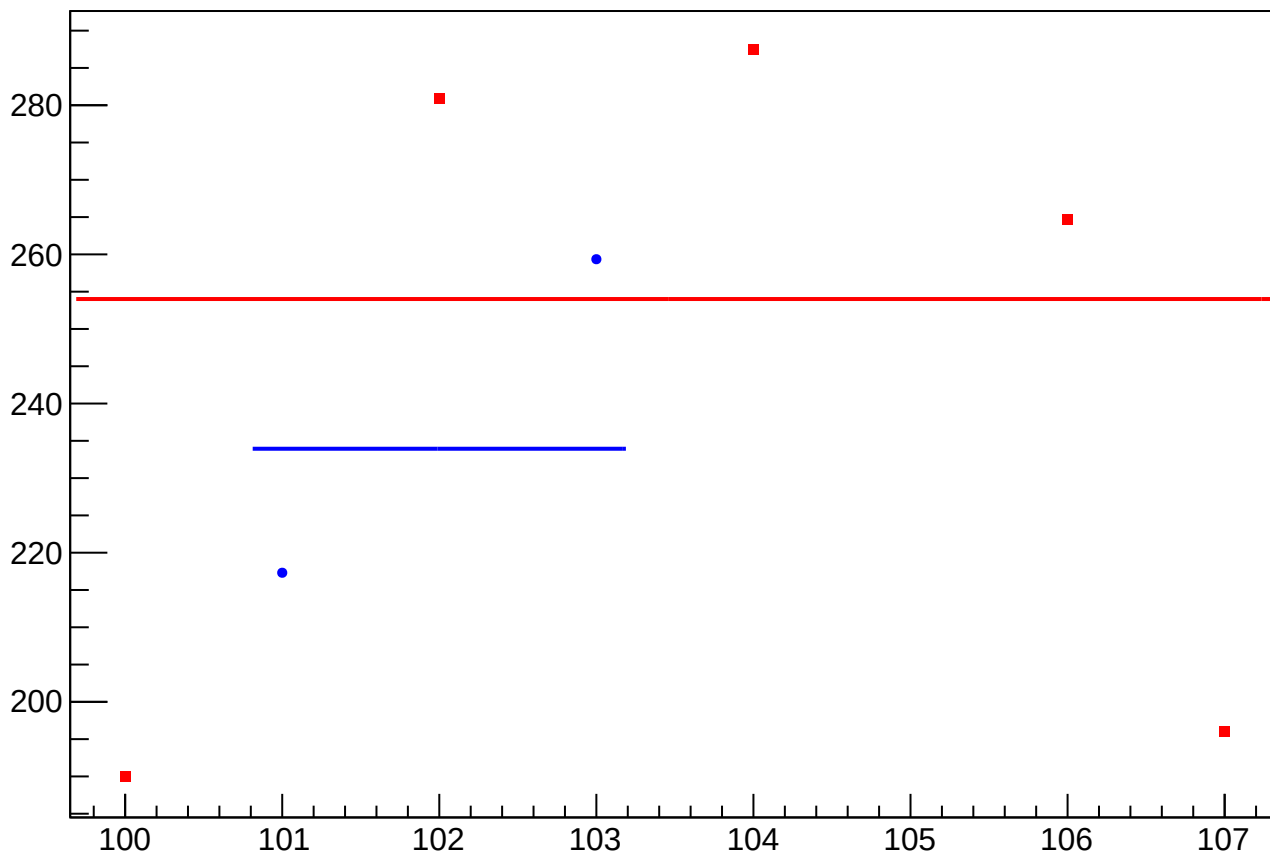
Right: -208.373+/-143.903 χ^2 /NDF: 4.1/6

In: -215.890+/-211.347 χ^2 /NDF:0.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -208.373+/-143.903 χ^2 /NDF: 4.1/6

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 233.939+/-0.149 χ^2/NDF : 18921.2/1

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

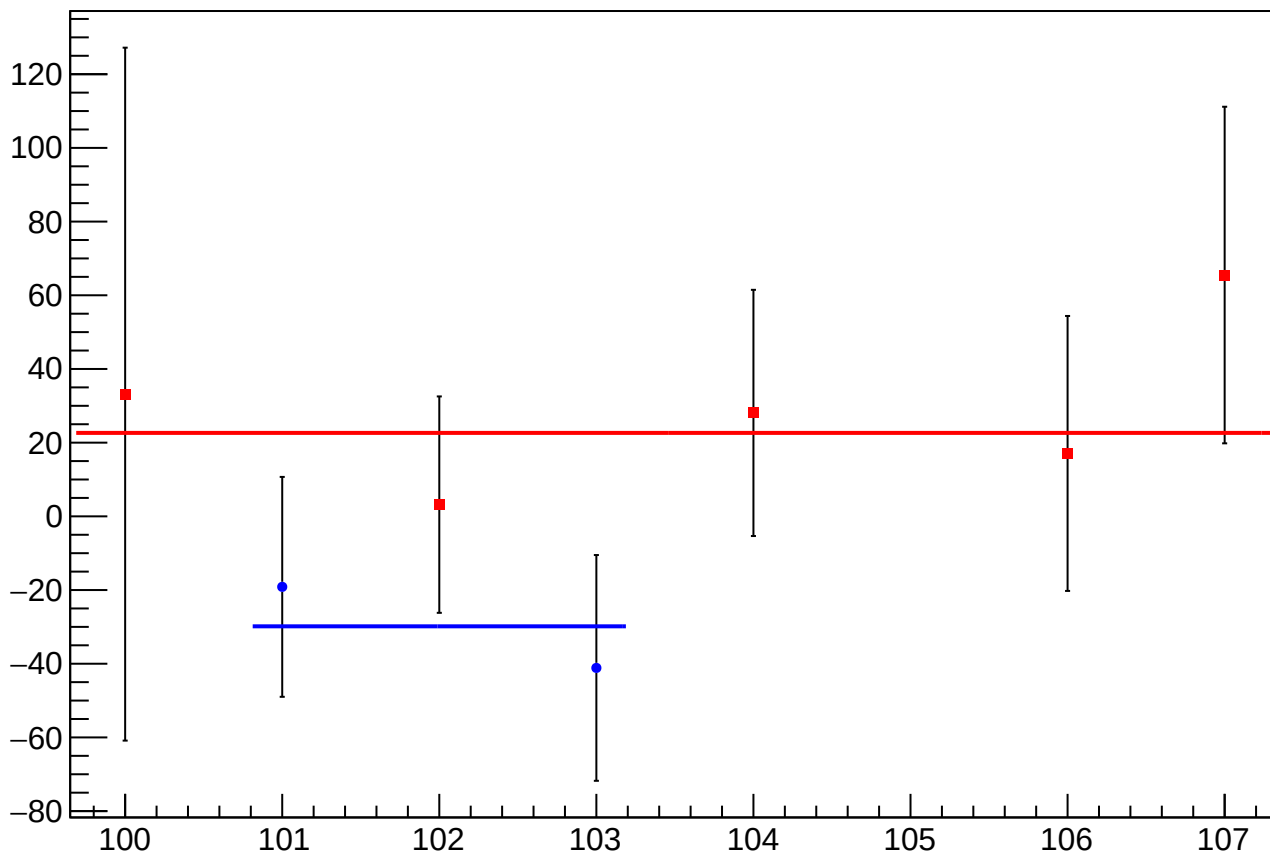
Right: 244.707+/-0.102 χ^2/NDF : 108989.7/6

In: 233.939+/-0.149 χ^2/NDF : 18921.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 244.707+/-0.102 χ^2/NDF : 108989.7/6

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -29.849 ± 21.377 χ^2/NDF : 0.3/1

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

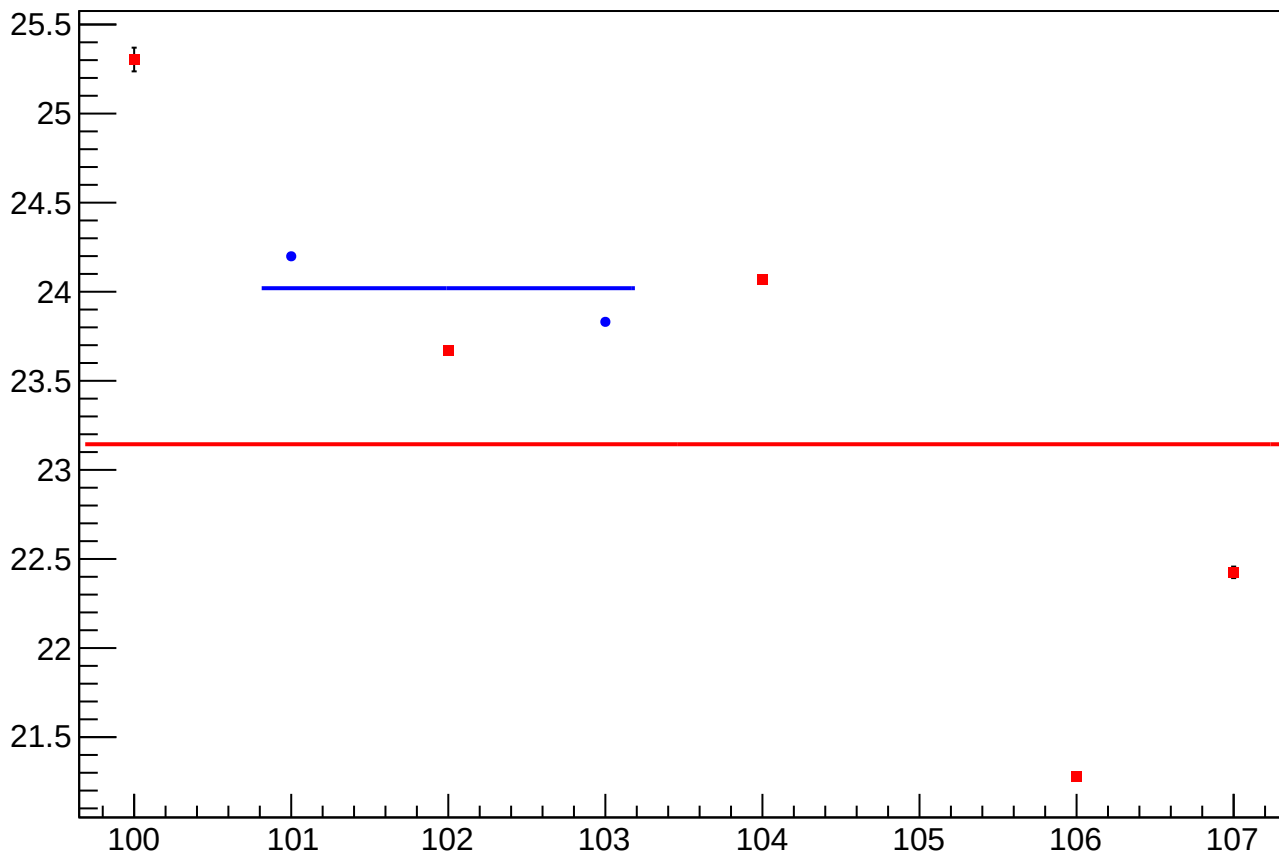
Right: 1.965 ± 13.418 χ^2/NDF : 5.3/6

In: -29.849 ± 21.377 χ^2/NDF : 0.3/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.965 ± 13.418 χ^2/NDF : 5.3/6

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 24.020 ± 0.015 χ^2/NDF : 148.0/1

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

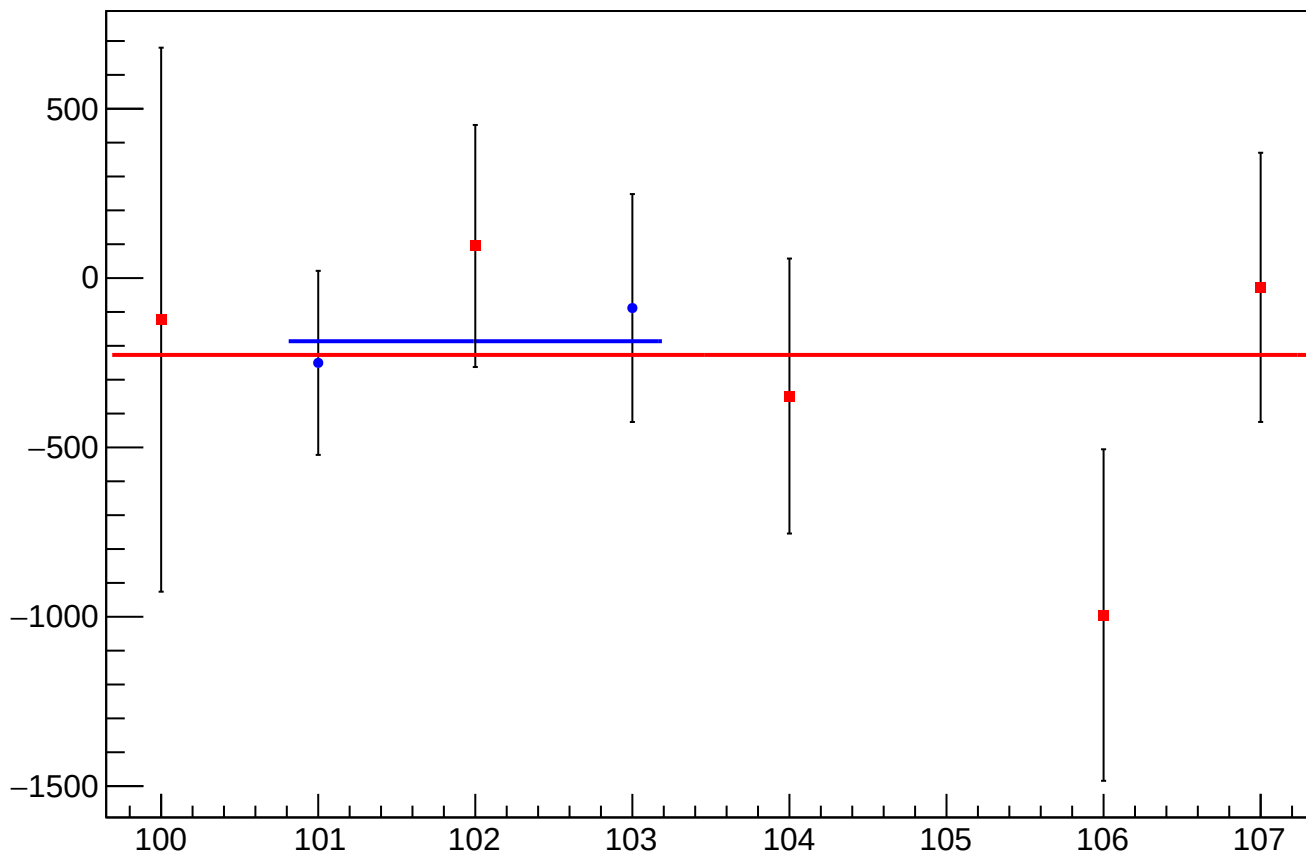
Right: 23.489 ± 0.009 χ^2/NDF : 10889.7/6

In: 24.020 ± 0.015 χ^2/NDF : 148.0/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 23.489 ± 0.009 χ^2/NDF : 10889.7/6

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -186.390+/-211.397 χ^2/NDF : 0.1/1

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

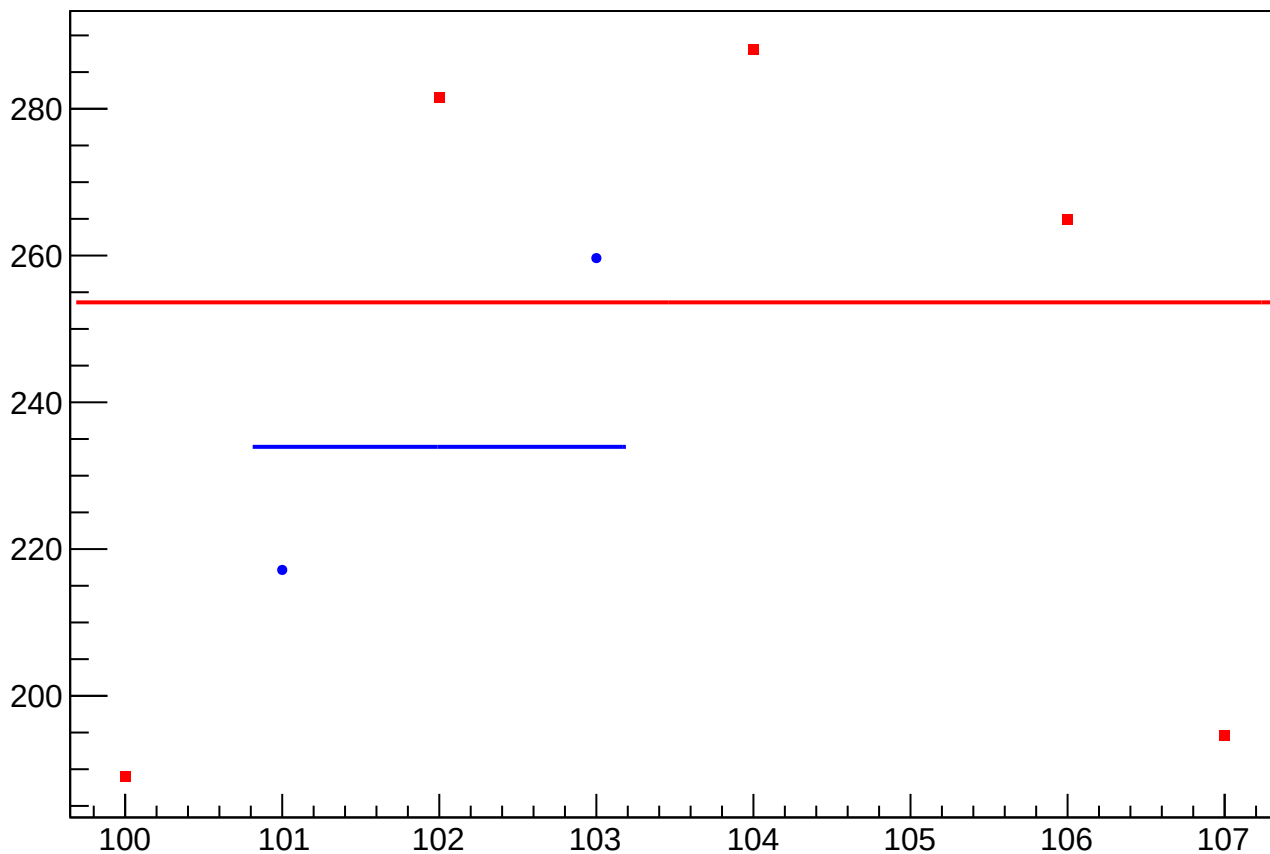
Right: -208.122+/-143.842 χ^2/NDF : 3.8/6

In: -186.390+/-211.397 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -208.122+/-143.842 χ^2/NDF : 3.8/6

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 233.932+/-0.149 χ^2/NDF : 19306.6/1

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

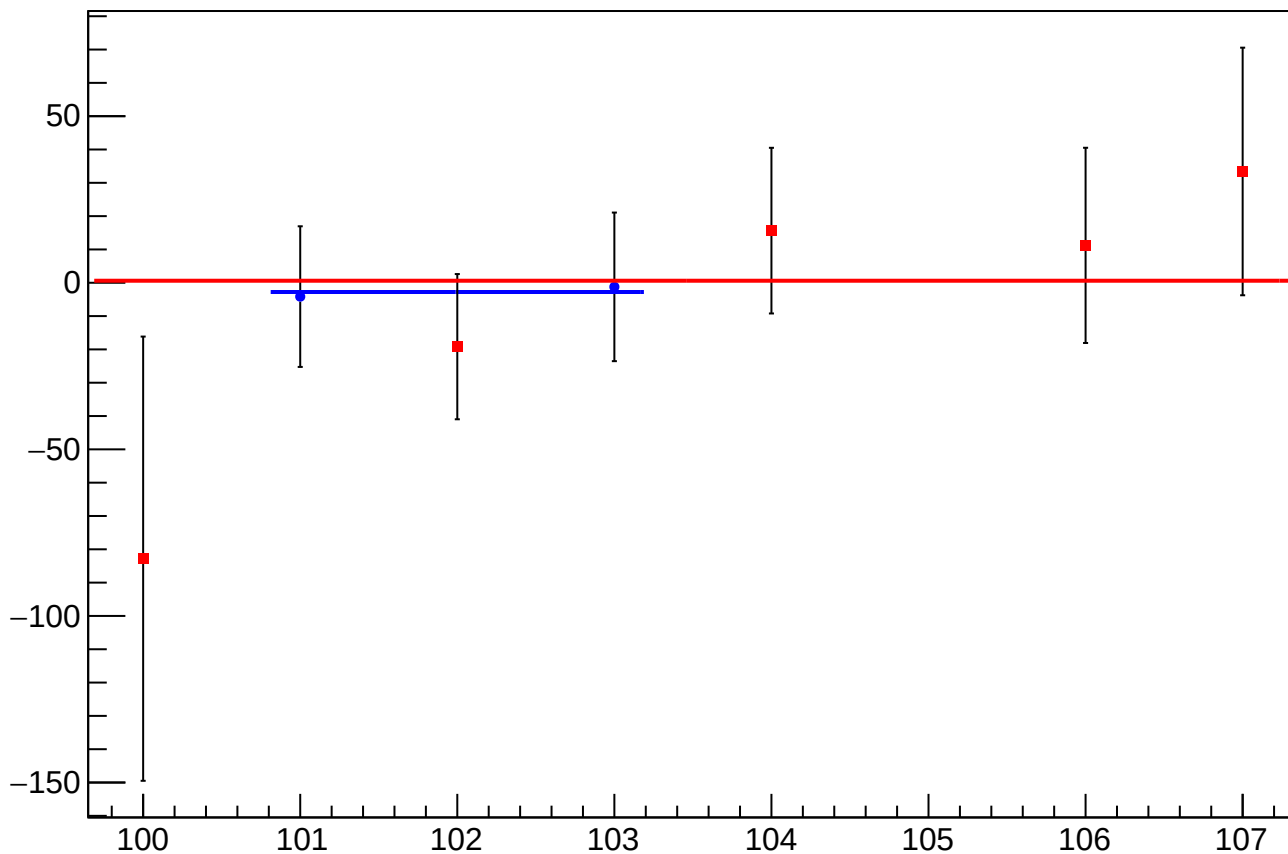
Right: 244.505+/-0.102 χ^2/NDF : 113351.9/6

In: 233.932+/-0.149 χ^2/NDF : 19306.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 244.505+/-0.102 χ^2/NDF : 113351.9/6

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -2.773+/-15.330 χ^2/NDF : 0.0/1

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

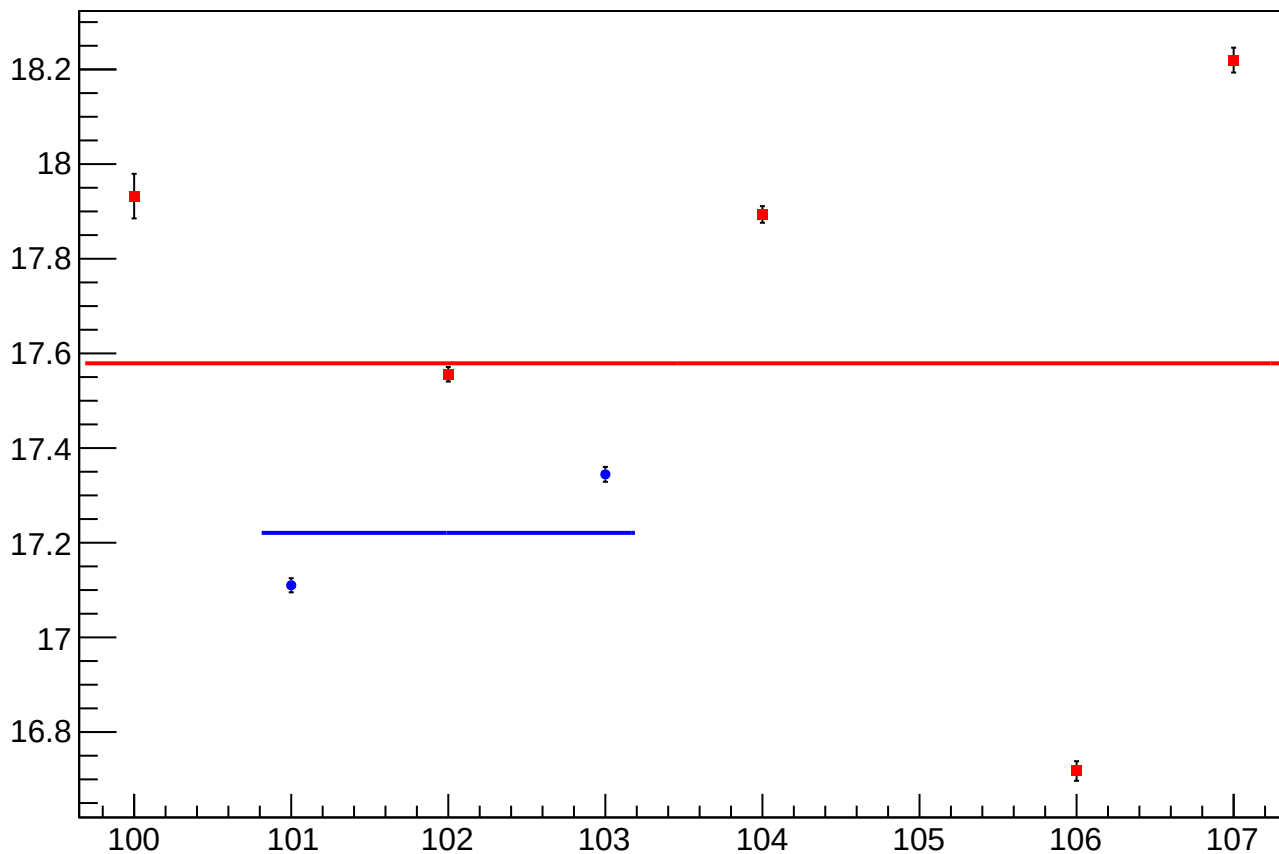
Right: -0.815+/-9.954 χ^2/NDF : 3.7/6

In: -2.773+/-15.330 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.815+/-9.954 χ^2/NDF : 3.7/6

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.221+/-0.011 χ^2 /NDF: 116.5/1

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

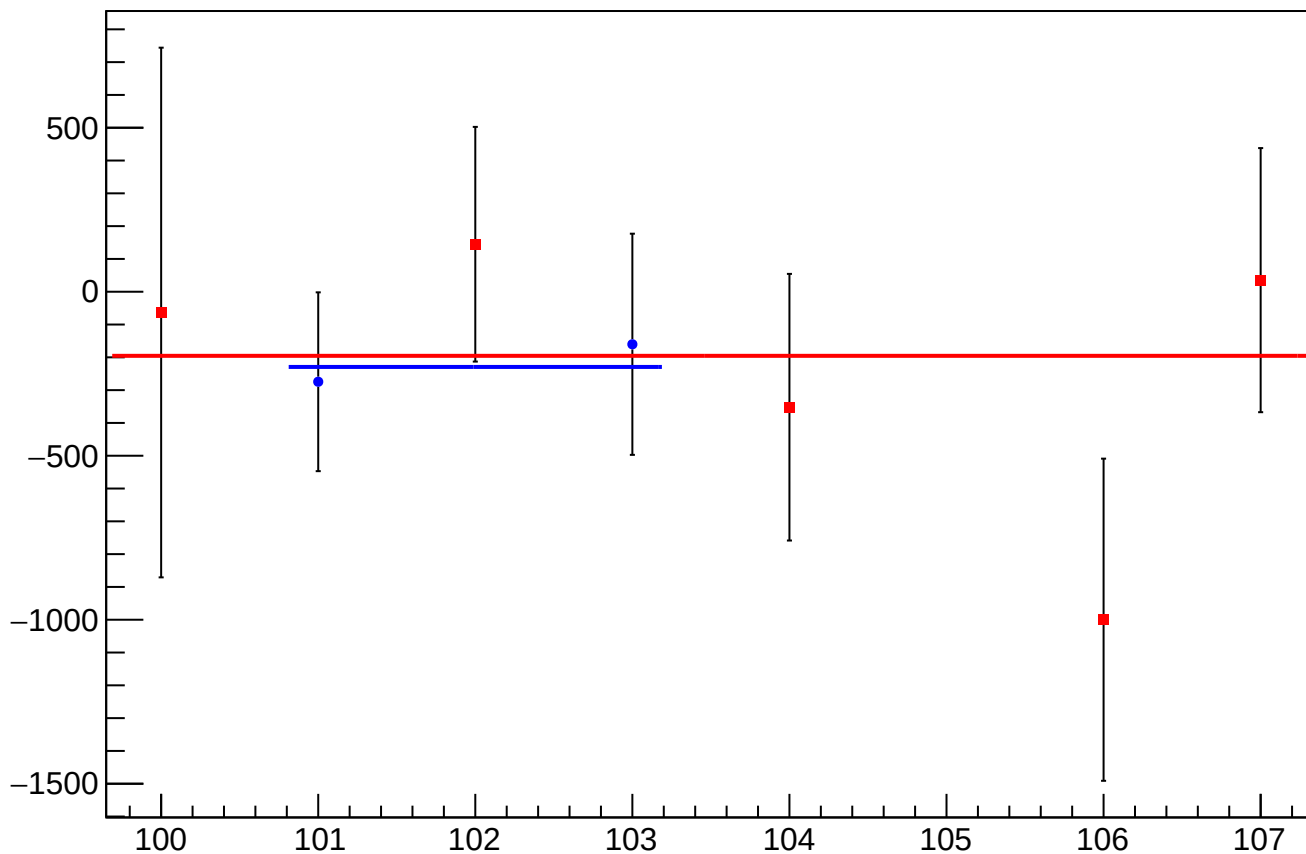
Right: 17.428+/-0.007 χ^2 /NDF: 3450.5/6

In: 17.221+/-0.011 χ^2 /NDF:116.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 17.428+/-0.007 χ^2 /NDF: 3450.5/6

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -229.288+/-211.969 χ^2/NDF : 0.1/1

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

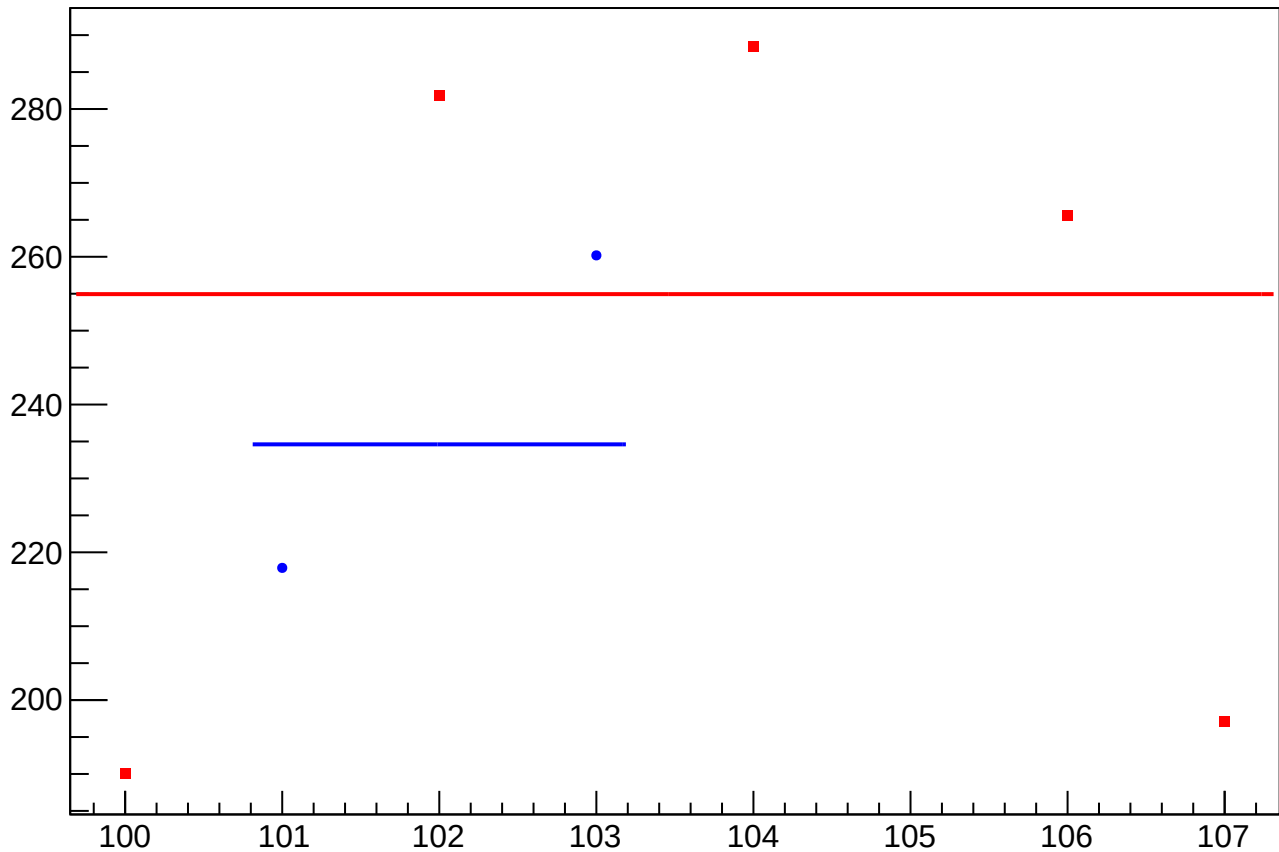
Right: -211.130+/-144.381 χ^2/NDF : 4.2/6

In: -229.288+/-211.969 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -211.130+/-144.381 χ^2/NDF : 4.2/6

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 234.612 $\pm$ 0.150 χ^2 /NDF: 19033.9/1

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

Right Out: 254.945 $\pm$ 0.139 χ^2 /NDF: 80049.0/4

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

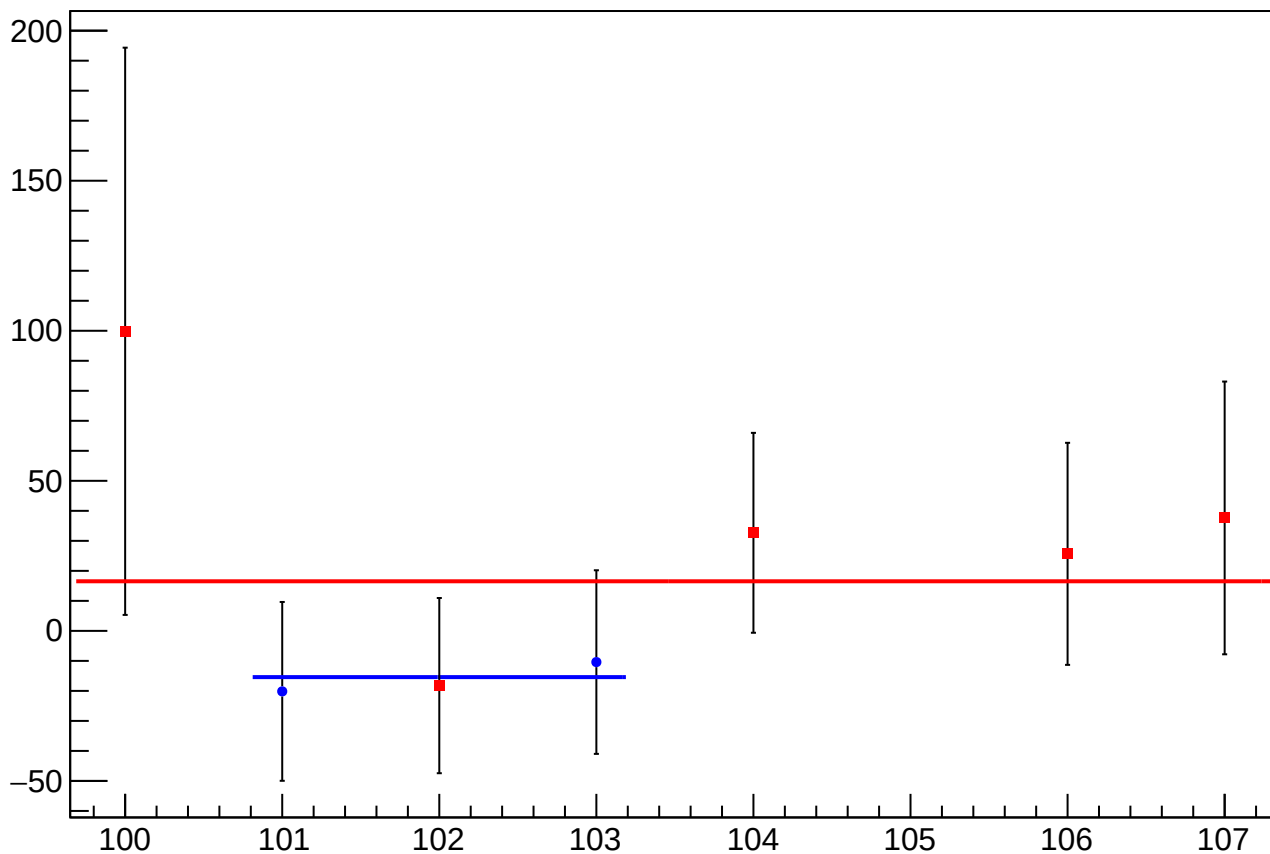
Right: 245.512 $\pm$ 0.102 χ^2 /NDF: 108947.4/6

In: 234.612 $\pm$ 0.150 χ^2 /NDF: 19033.9/1

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

All: 245.512 $\pm$ 0.102 χ^2 /NDF: 108947.4/6

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -15.406 $\pm$ 21.345 χ^2 /NDF: 0.1/1

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

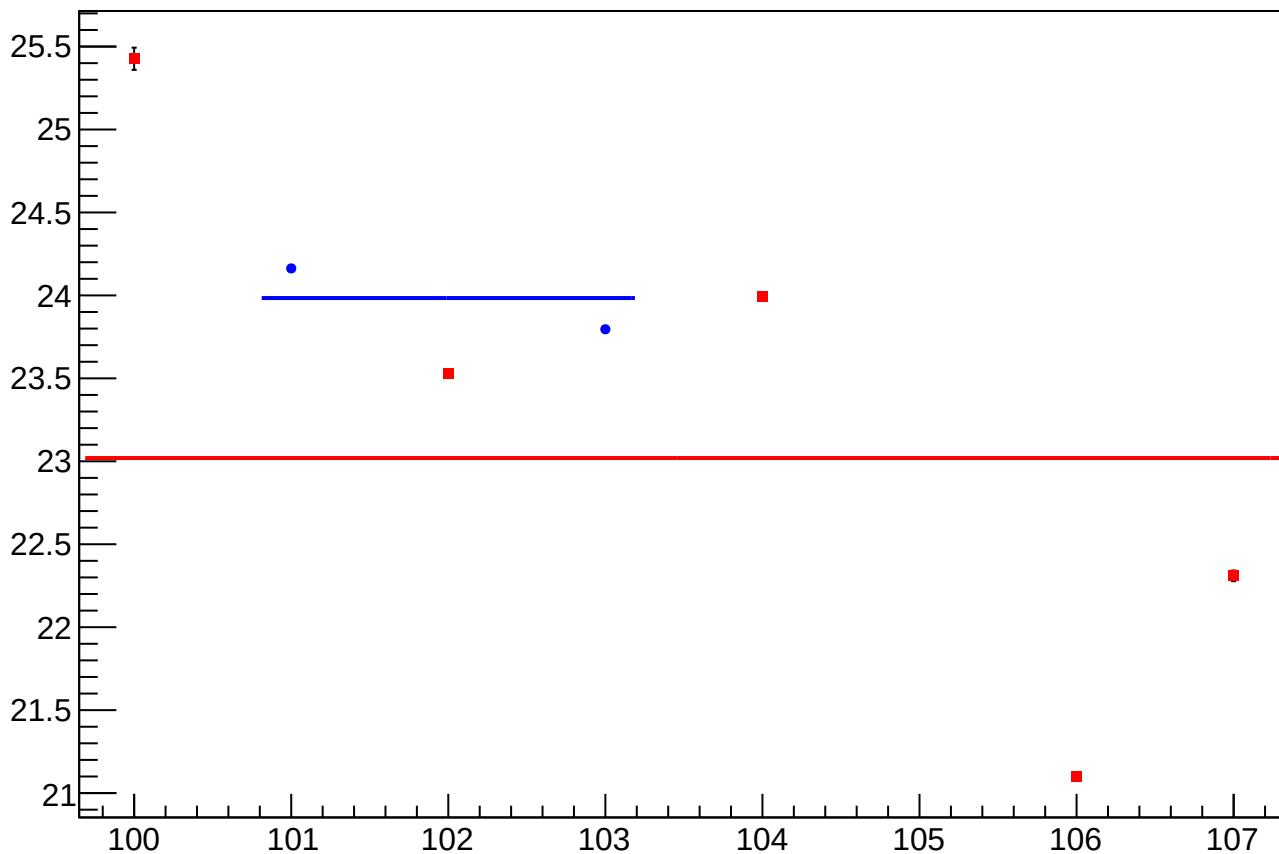
Right: 4.003 $\pm$ 13.367 χ^2 /NDF: 4.1/6

In: -15.406 $\pm$ 21.345 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4.003 $\pm$ 13.367 χ^2 /NDF: 4.1/6

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 23.984 $\pm$ 0.015 χ^2 /NDF: 147.6/1

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

Right Out: 23.020 $\pm$ 0.012 χ^2 /NDF: 9487.0/4

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

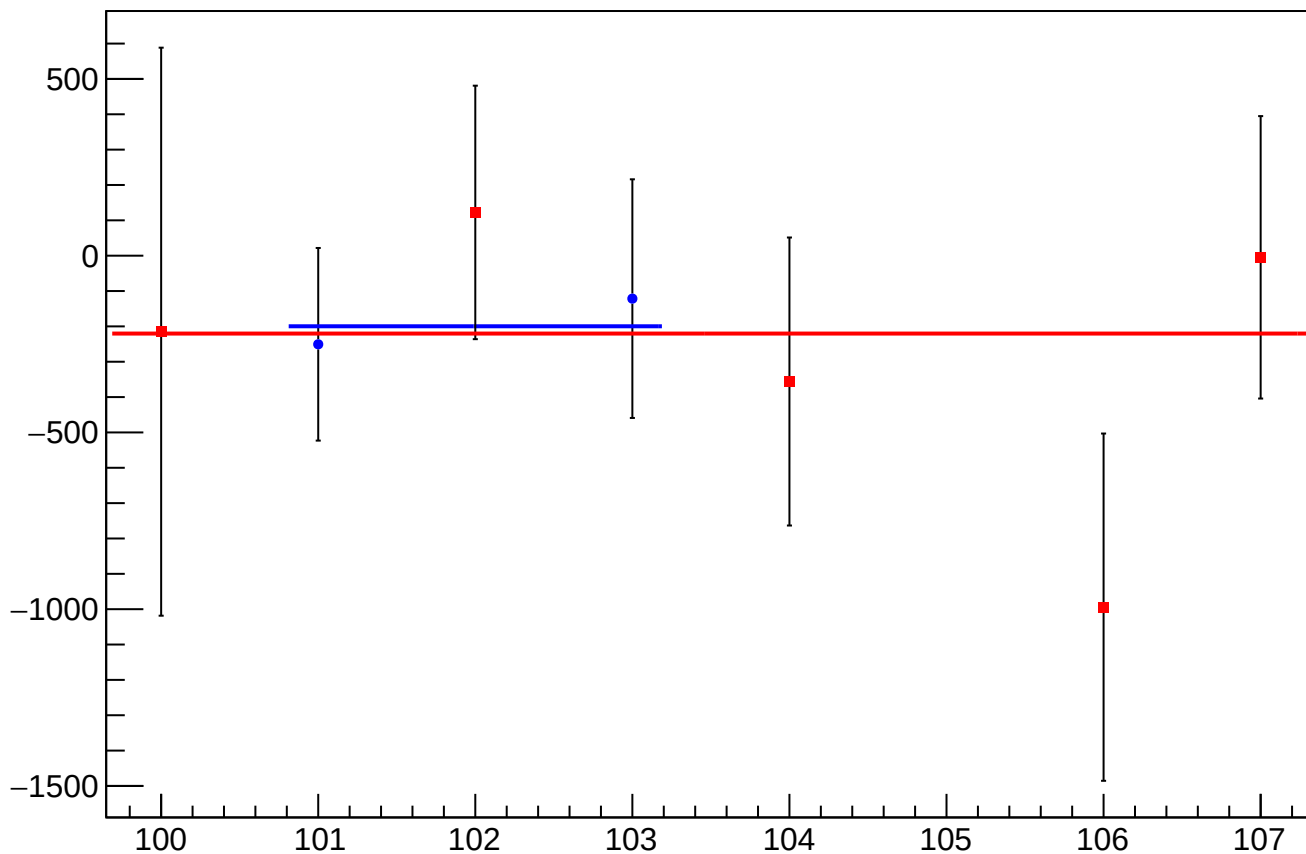
Right: 23.398 $\pm$ 0.009 χ^2 /NDF: 12116.3/6

In: 23.984 $\pm$ 0.015 χ^2 /NDF:147.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 23.398 $\pm$ 0.009 χ^2 /NDF: 12116.3/6

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -199.700 $\pm$ 212.016 χ^2 /NDF: 0.1/1

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

Right Out: -220.307 $\pm$ 197.005 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

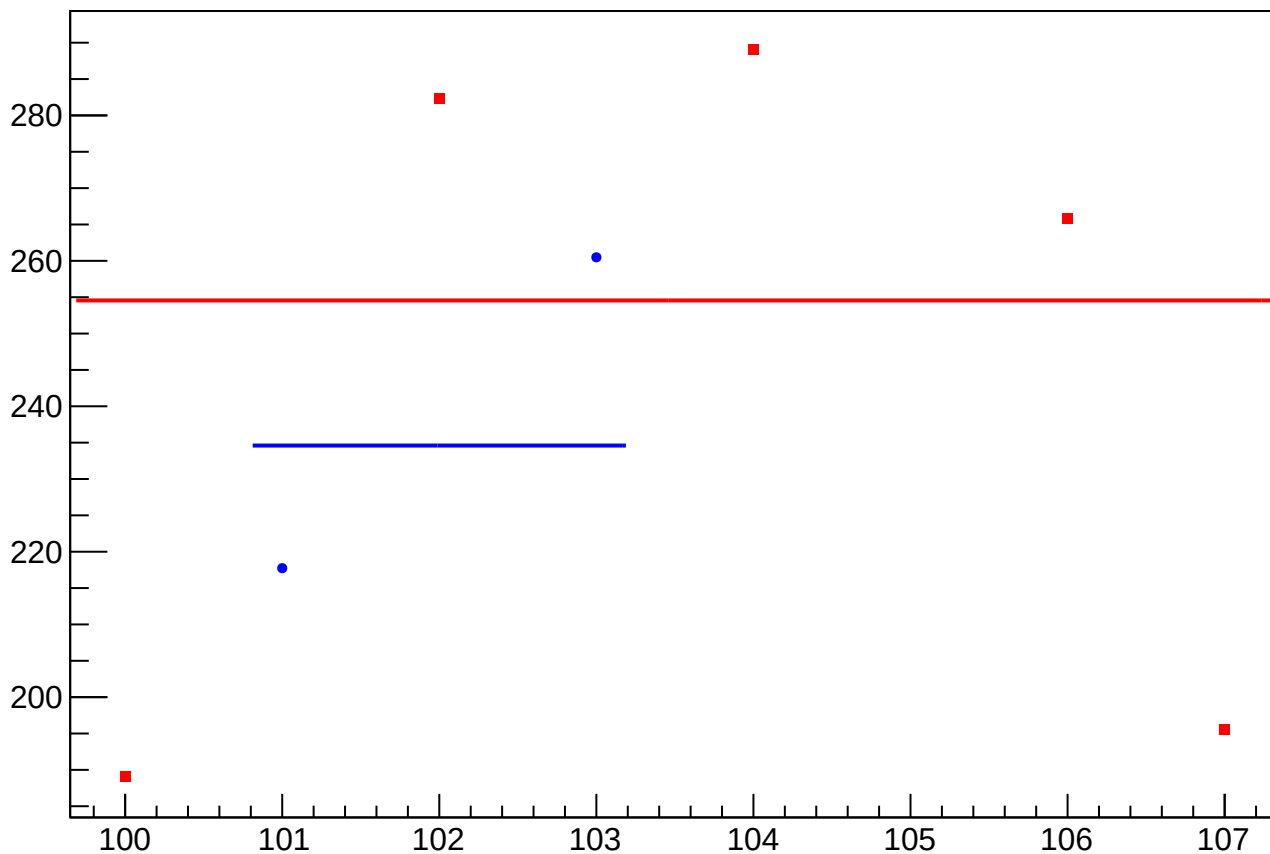
Right: -210.759 $\pm$ 144.319 χ^2 /NDF: 3.9/6

In: -199.700 $\pm$ 212.016 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -210.759 $\pm$ 144.319 χ^2 /NDF: 3.9/6

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 234.600+/-0.150 χ^2/NDF : 19424.0/1

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

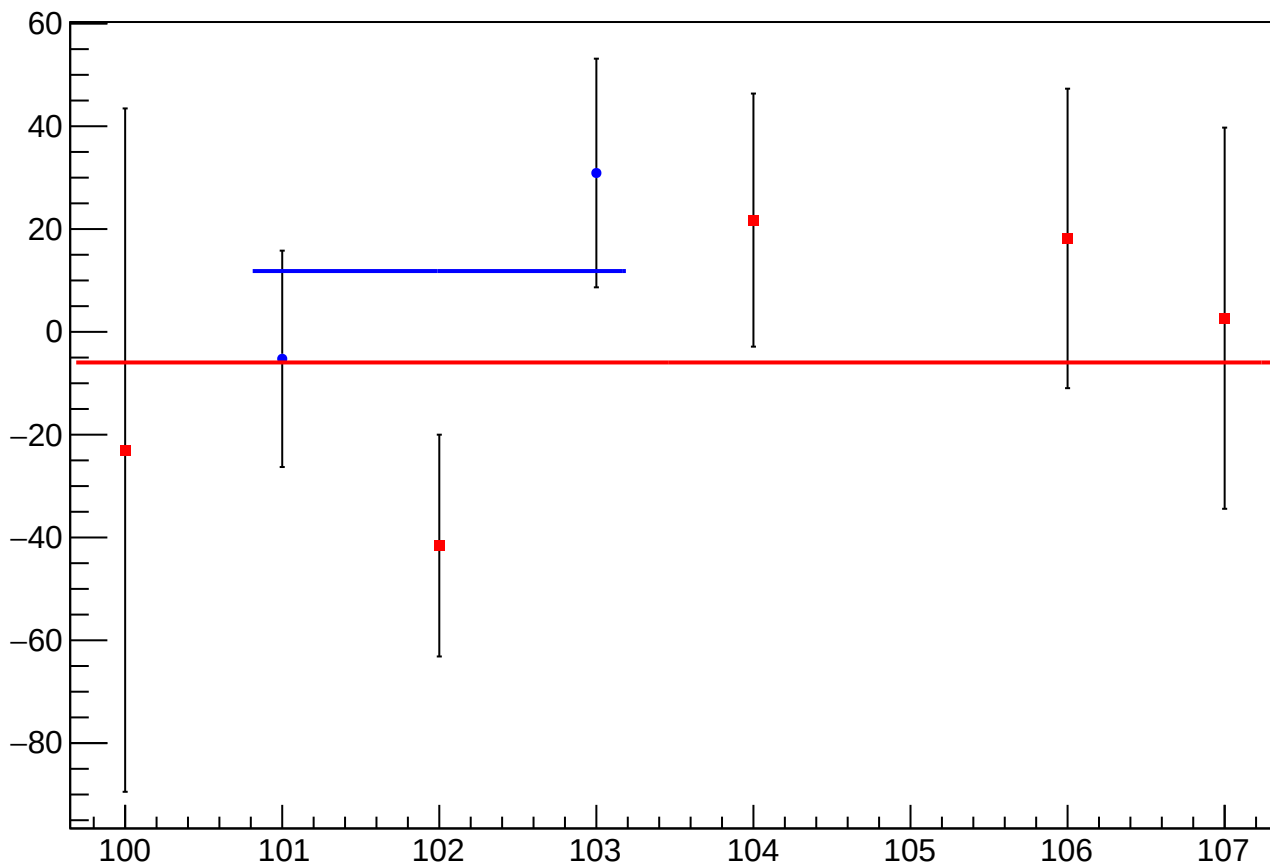
Right: 245.309+/-0.102 χ^2/NDF : 113269.7/6

In: 234.600+/-0.150 χ^2/NDF : 19424.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 245.309+/-0.102 χ^2/NDF : 113269.7/6

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 11.831+/-15.286 χ^2/NDF : 1.4/1

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

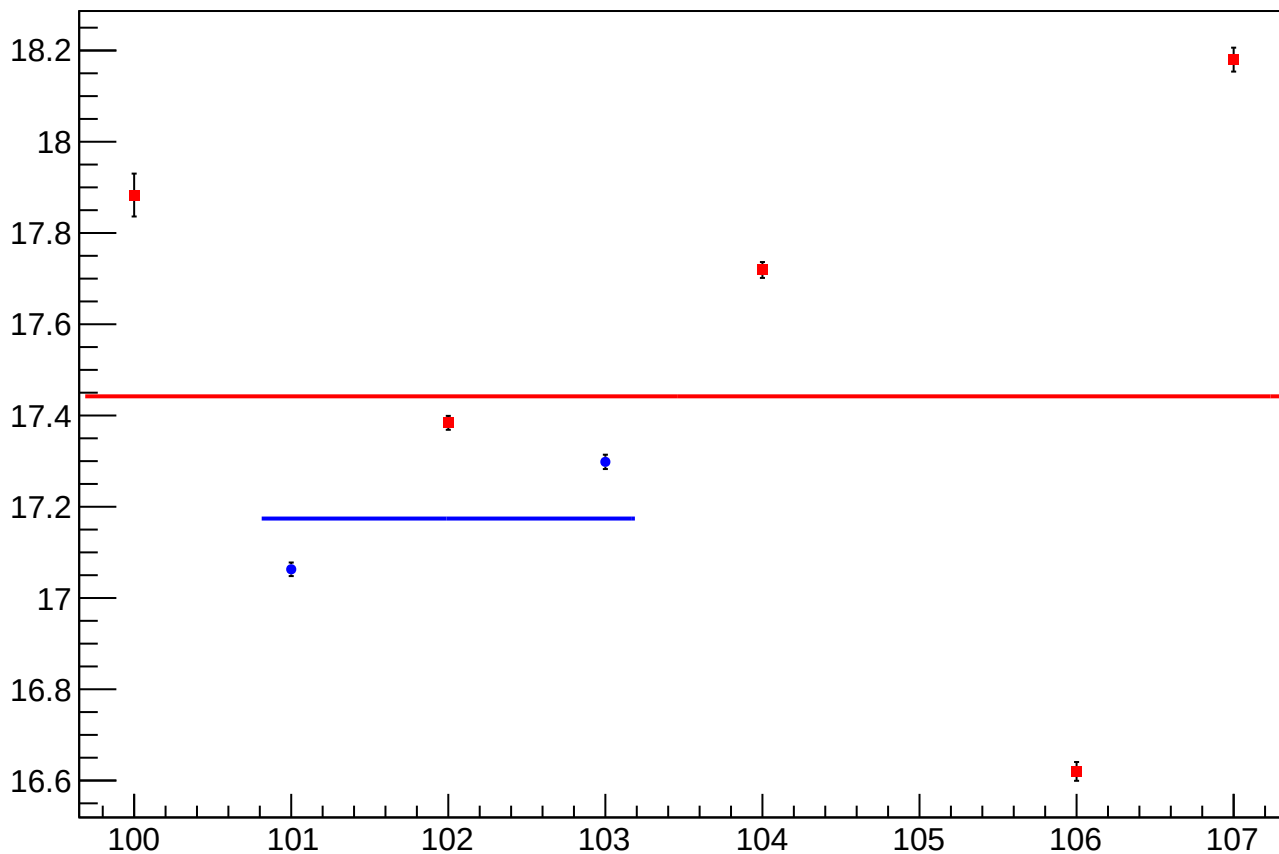
Right: 1.500+/-9.896 χ^2/NDF : 7.0/6

In: 11.831+/-15.286 χ^2/NDF : 1.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.500+/-9.896 χ^2/NDF : 7.0/6

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.174 $\pm$ 0.011 χ^2 /NDF: 118.3/1

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

Right Out: 17.442 $\pm$ 0.009 χ^2 /NDF: 2740.8/4

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

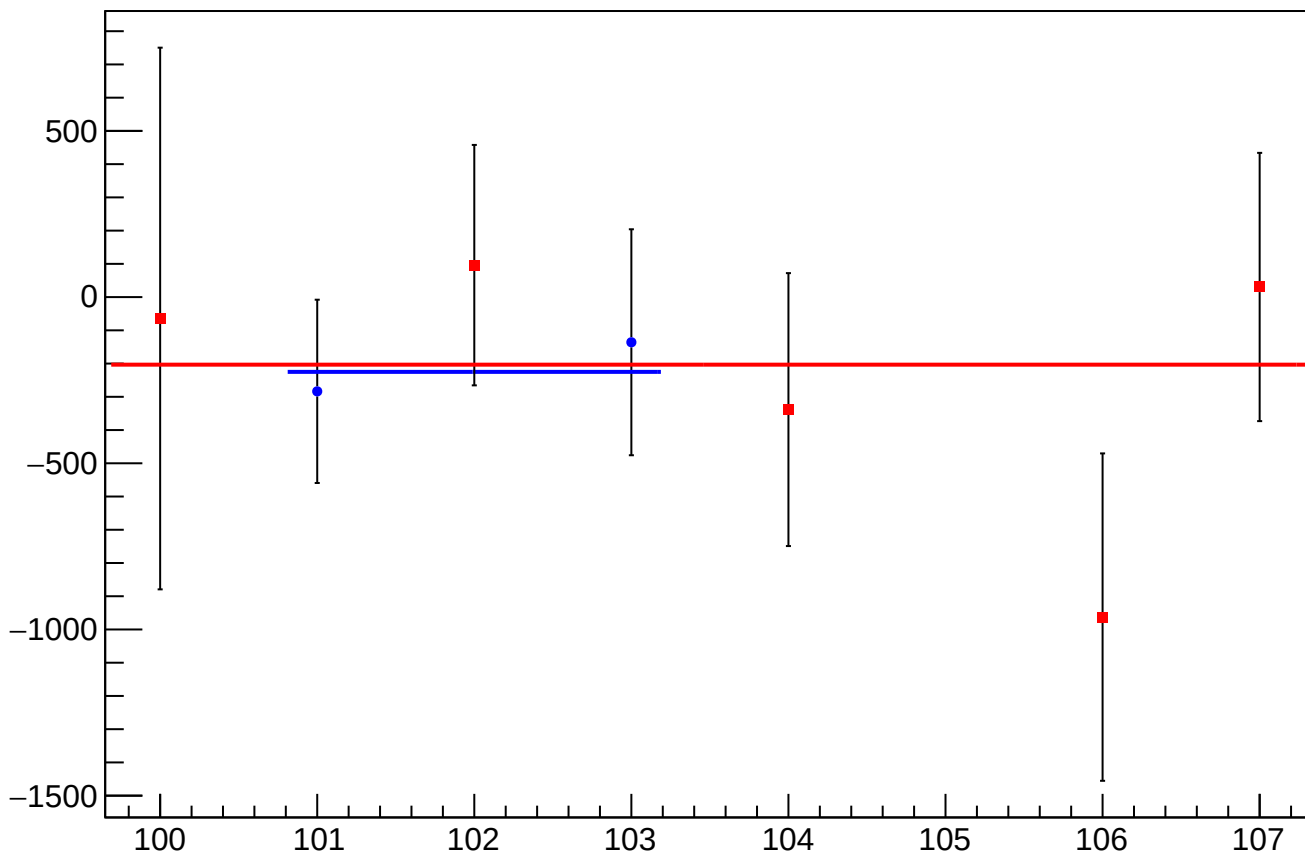
Right: 17.330 $\pm$ 0.007 χ^2 /NDF: 3215.8/6

In: 17.174 $\pm$ 0.011 χ^2 /NDF: 118.3/1

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

All: 17.330 $\pm$ 0.007 χ^2 /NDF: 3215.8/6

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -224.962 $\pm$ 214.136 χ^2 /NDF: 0.1/1

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

Right Out: -203.285 $\pm$ 198.630 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

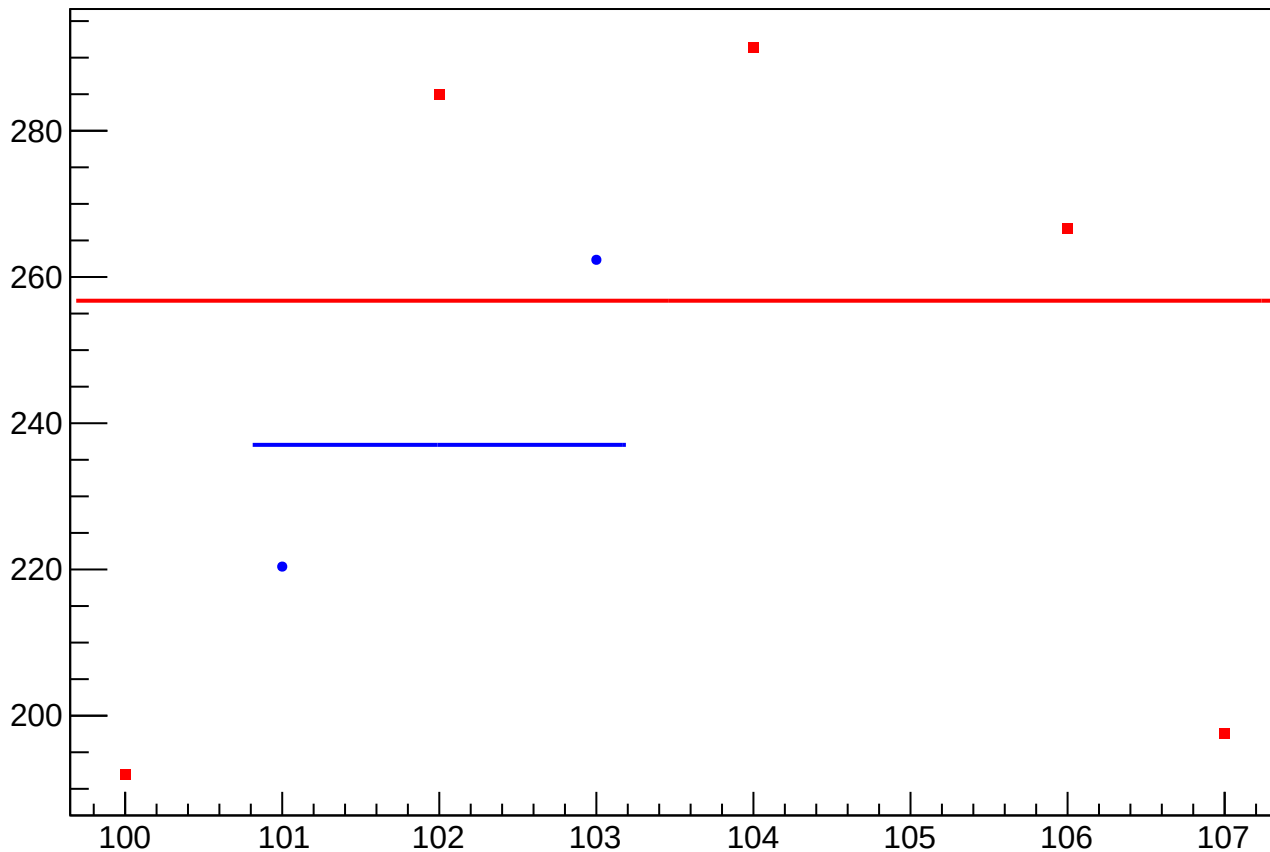
Right: -213.310 $\pm$ 145.626 χ^2 /NDF: 3.7/6

In: -224.962 $\pm$ 214.136 χ^2 /NDF: 0.1/1

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

All: -213.310 $\pm$ 145.626 χ^2 /NDF: 3.7/6

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 237.044 $\pm$ 0.151 χ^2 /NDF: 18378.8/1

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

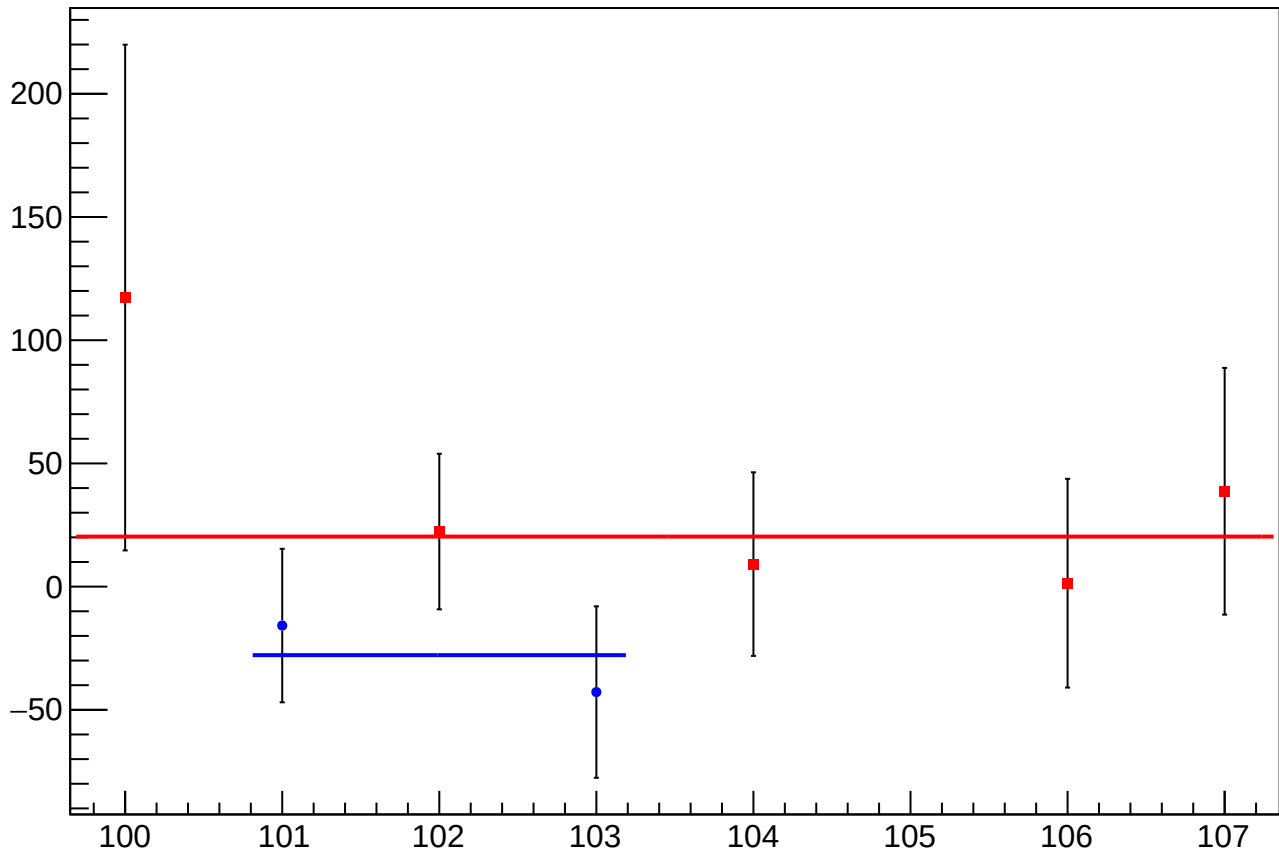
Right: 247.640 $\pm$ 0.103 χ^2 /NDF: 110305.7/6

In: 237.044 $\pm$ 0.151 χ^2 /NDF: 18378.8/1

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

All: 247.640 $\pm$ 0.103 χ^2 /NDF: 110305.7/6

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -27.807 ± 23.207 $\chi^2/\text{NDF}: 0.3/1$

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

Right Out: 20.312 ± 18.981 $\chi^2/\text{NDF}: 1.3/4$

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

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

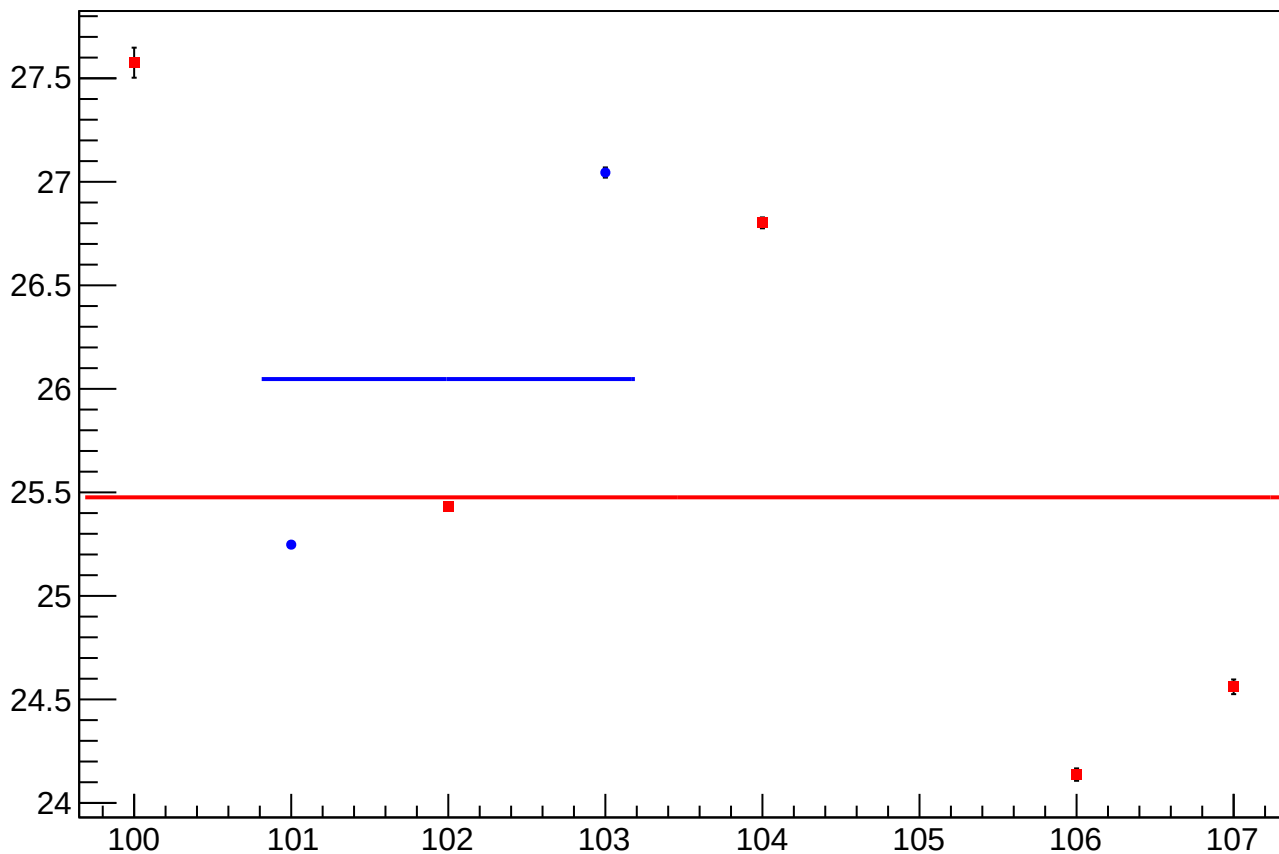
Right: 1.025 ± 14.693 $\chi^2/\text{NDF}: 4.2/6$

In: -27.807 ± 23.207 $\chi^2/\text{NDF}: 0.3/1$

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

All: 1.025 ± 14.693 $\chi^2/\text{NDF}: 4.2/6$

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 26.047+/-0.016 χ^2/NDF : 2962.6/1

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

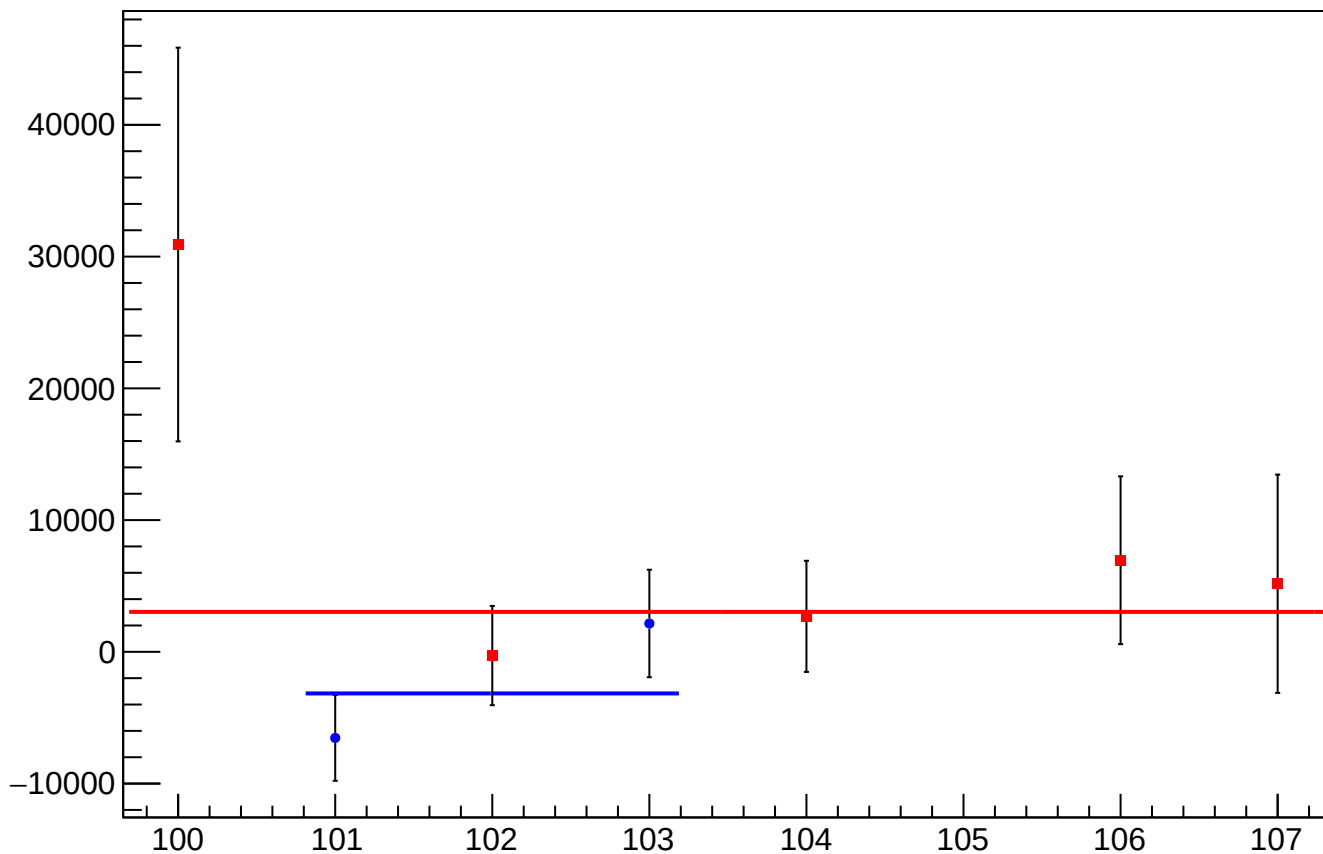
Right: 25.705+/-0.010 χ^2/NDF : 9730.9/6

In: 26.047+/-0.016 χ^2/NDF : 2962.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.705+/-0.010 χ^2/NDF : 9730.9/6

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -3157.624+/-2543.634 χ^2/NDF : 2.8/1

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

Right Out: 3032.947+/-2423.053 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

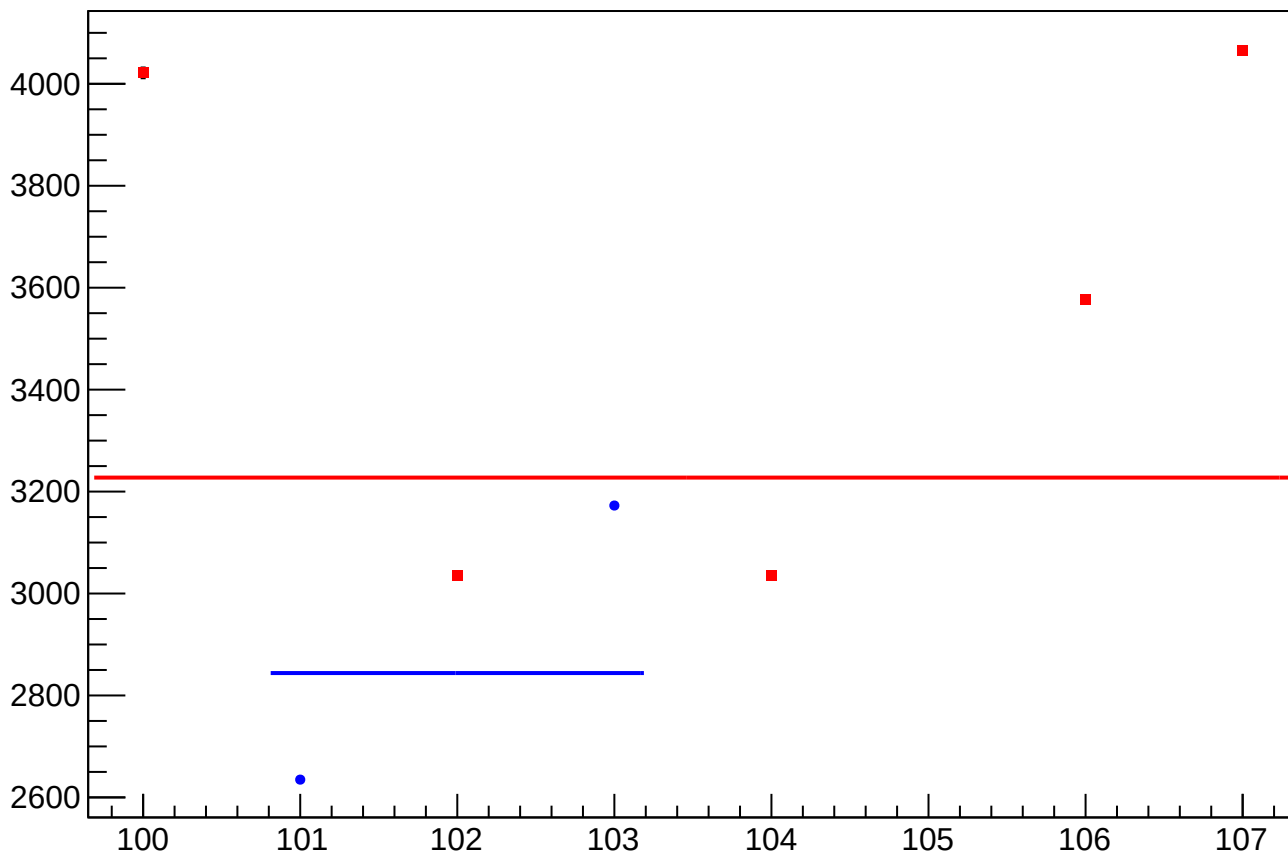
Right: 87.867+/-1754.437 χ^2/NDF : 10.6/6

In: -3157.624+/-2543.634 χ^2/NDF : 2.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.867+/-1754.437 χ^2/NDF : 10.6/6

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 2843.961+/-1.799 χ^2/NDF : 21242.9/1

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

Right Out: 3227.449+/-1.713 χ^2/NDF : 41443.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

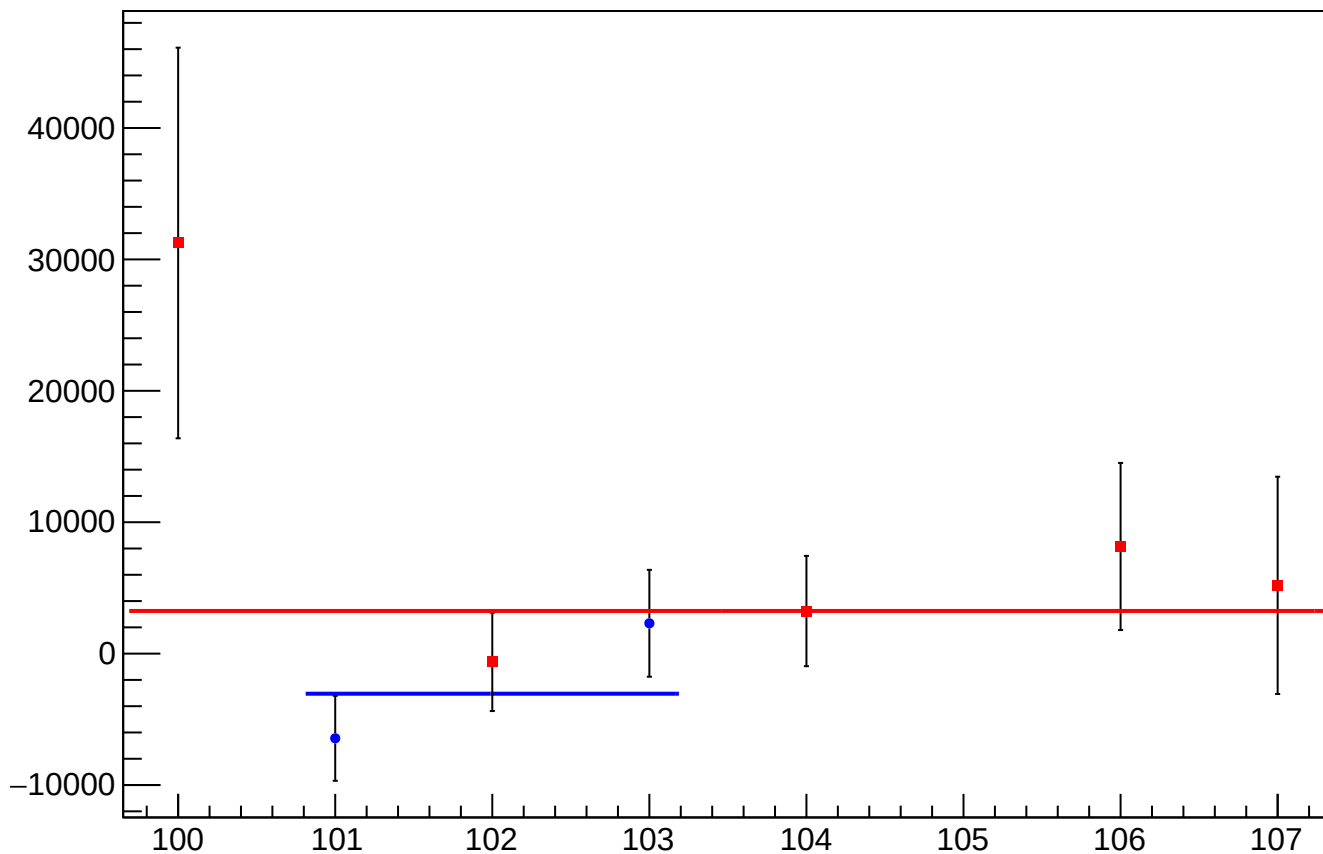
Right: 3045.010+/-1.241 χ^2/NDF : 86519.1/6

In: 2843.961+/-1.799 χ^2/NDF : 21242.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3045.010+/-1.241 χ^2/NDF : 86519.1/6

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -3049.703+/-2531.783 χ^2/NDF : 2.8/1

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

Right Out: 3248.143+/-2411.498 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

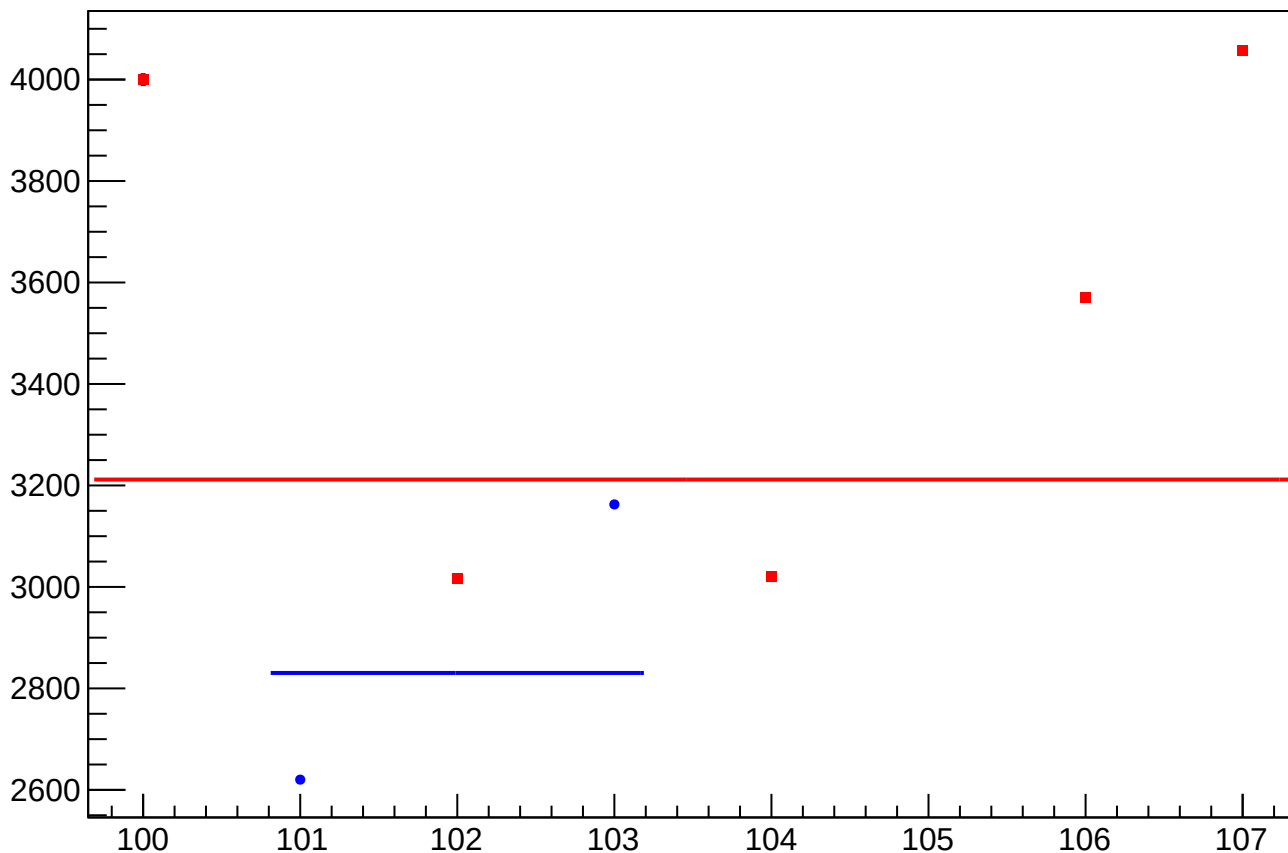
Right: 252.375+/-1746.162 χ^2/NDF : 11.3/6

In: -3049.703+/-2531.783 χ^2/NDF : 2.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 252.375+/-1746.162 χ^2/NDF : 11.3/6

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 2830.466+/-1.790 χ^2/NDF : 21792.8/1

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

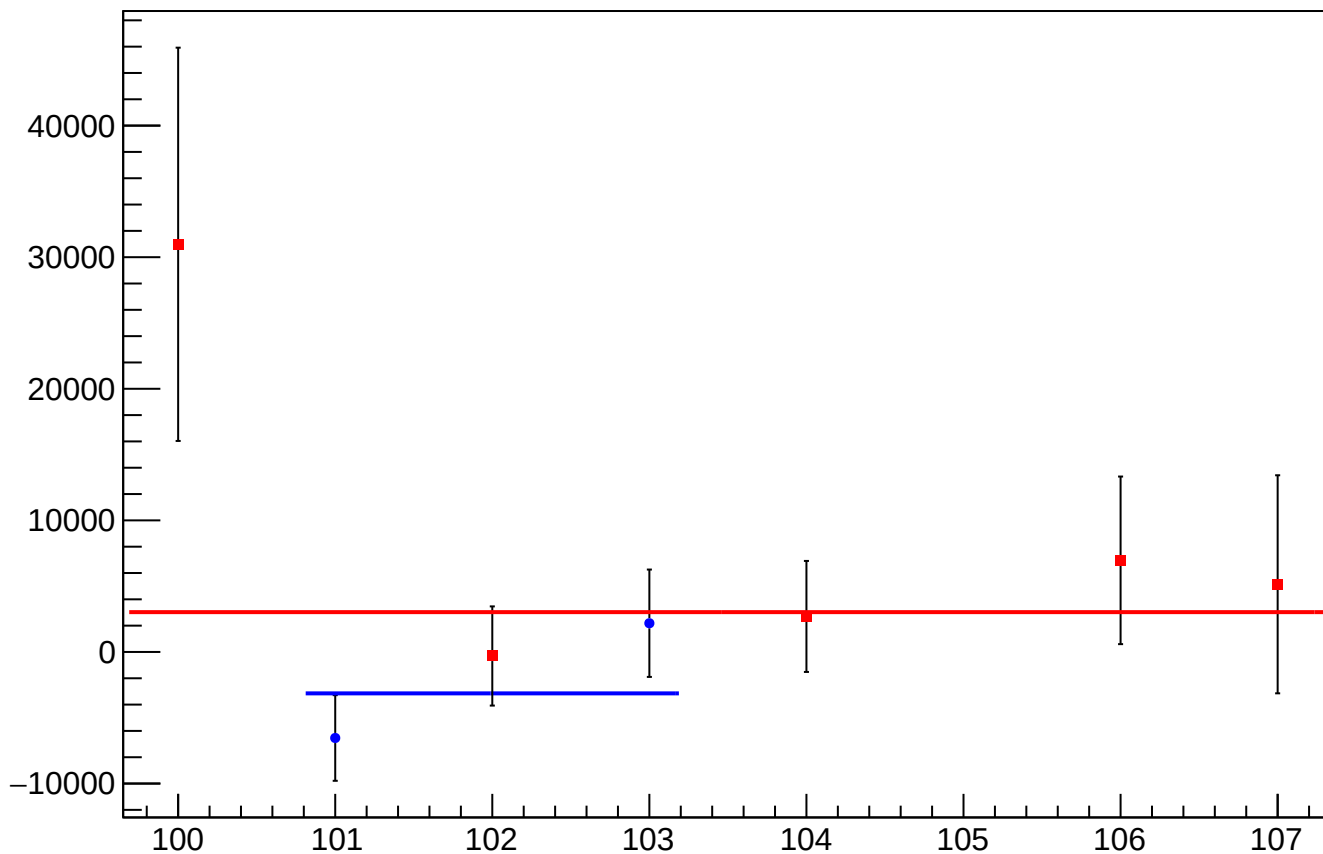
Right: 3030.339+/-1.235 χ^2/NDF : 88108.4/6

In: 2830.466+/-1.790 χ^2/NDF : 21792.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3030.339+/-1.235 χ^2/NDF : 88108.4/6

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -3146.937+/-2543.658 χ^2/NDF : 2.8/1

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

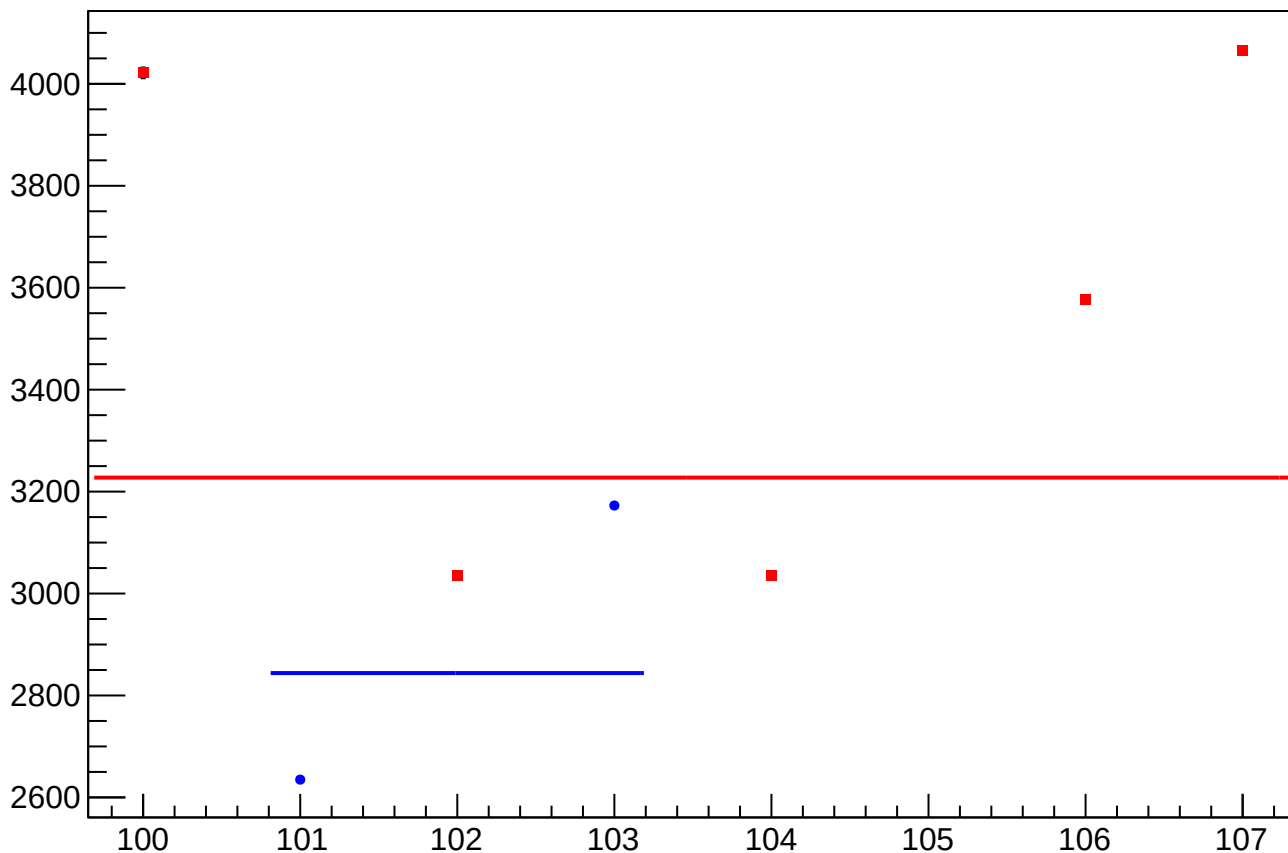
Right: 89.616+/-1754.453 χ^2/NDF : 10.6/6

In: -3146.937+/-2543.658 χ^2/NDF : 2.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.616+/-1754.453 χ^2/NDF : 10.6/6

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 2843.988+/-1.799 χ^2/NDF : 21244.3/1

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

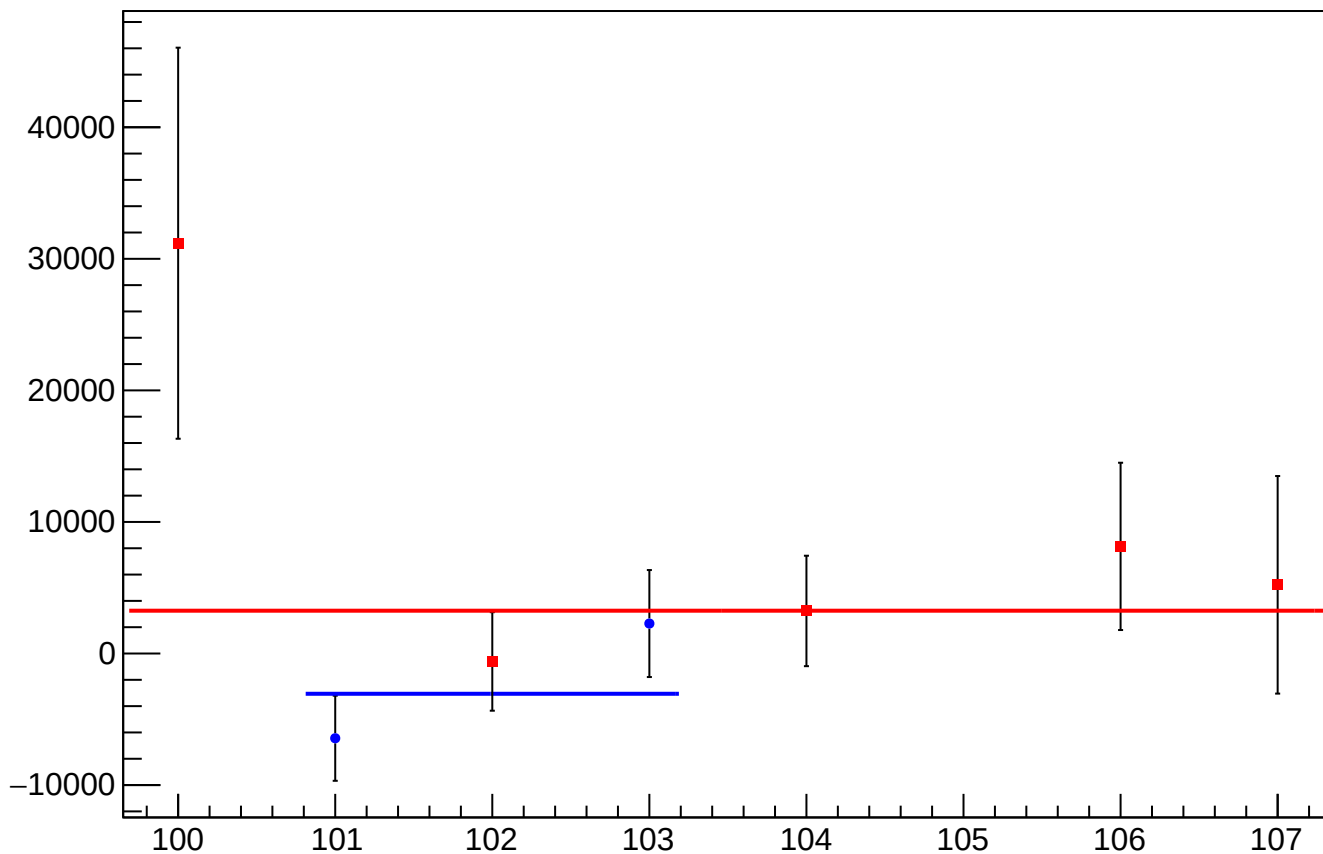
Right: 3045.037+/-1.241 χ^2/NDF : 86527.8/6

In: 2843.988+/-1.799 χ^2/NDF : 21244.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3045.037+/-1.241 χ^2/NDF : 86527.8/6

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -3060.341+/-2531.690 χ^2/NDF : 2.8/1

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

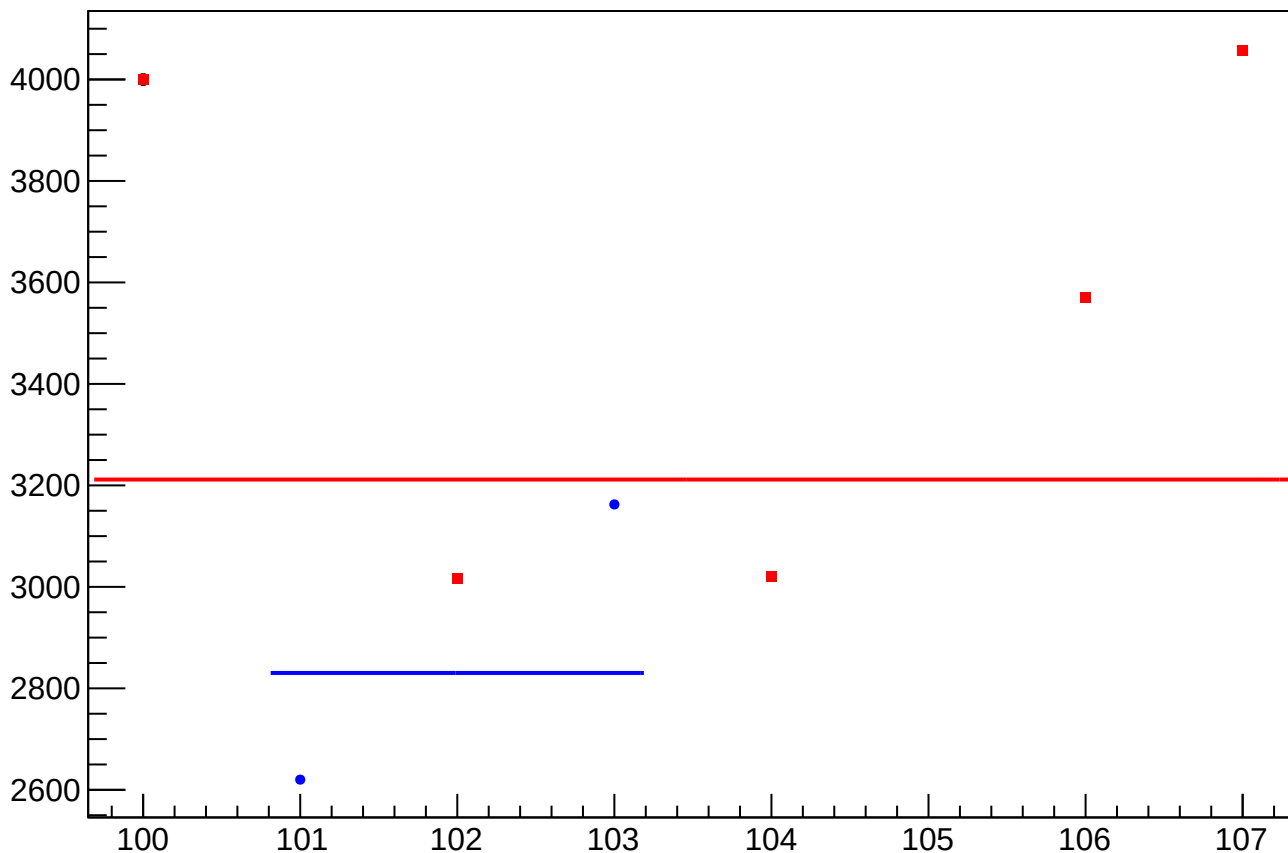
Right: 250.423+/-1746.091 χ^2/NDF : 11.3/6

In: -3060.341+/-2531.690 χ^2/NDF : 2.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 250.423+/-1746.091 χ^2/NDF : 11.3/6

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 2830.360+/-1.790 χ^2/NDF : 21792.6/1

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

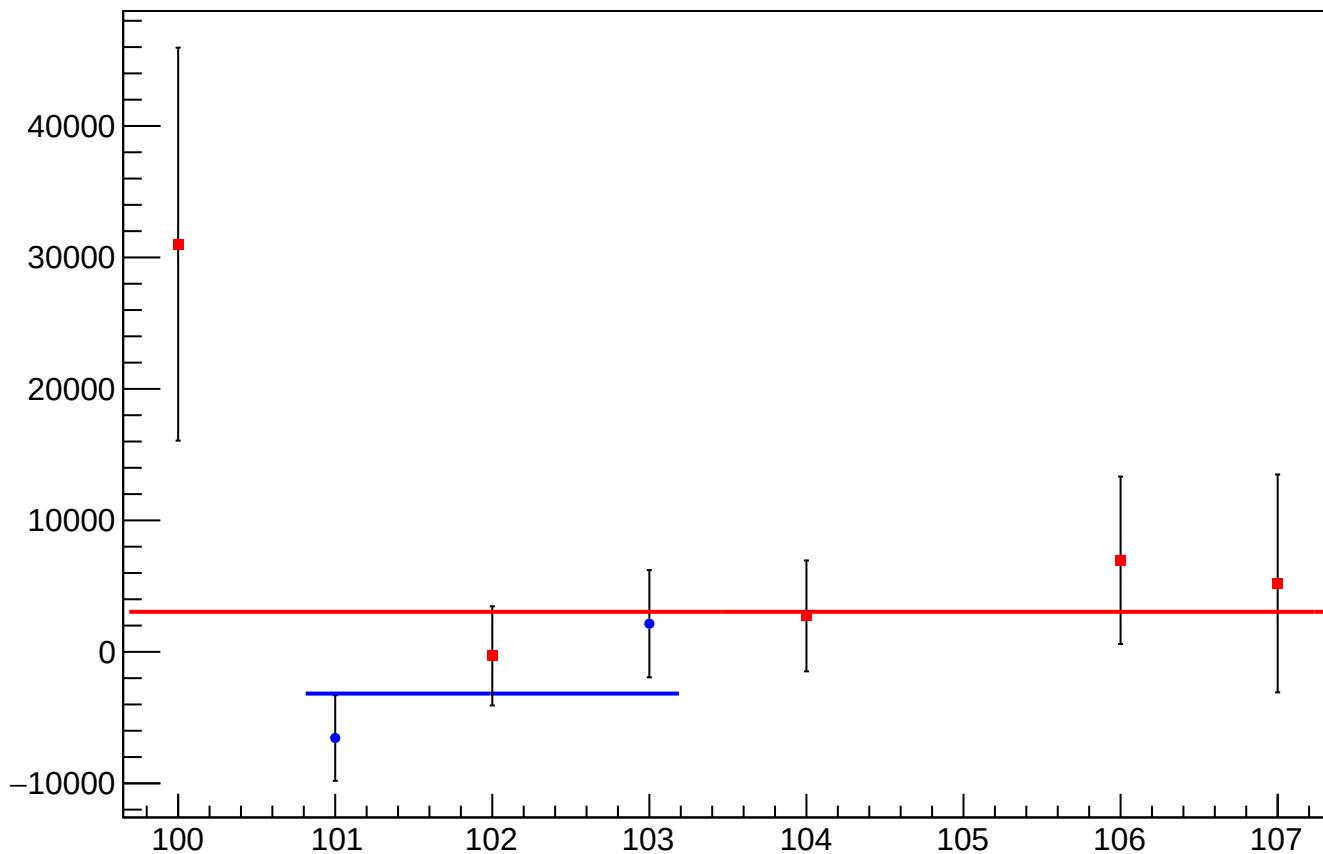
Right: 3030.217+/-1.235 χ^2/NDF : 88105.9/6

In: 2830.360+/-1.790 χ^2/NDF : 21792.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3030.217+/-1.235 χ^2/NDF : 88105.9/6

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -3172.521+/-2543.888 χ^2/NDF : 2.8/1

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

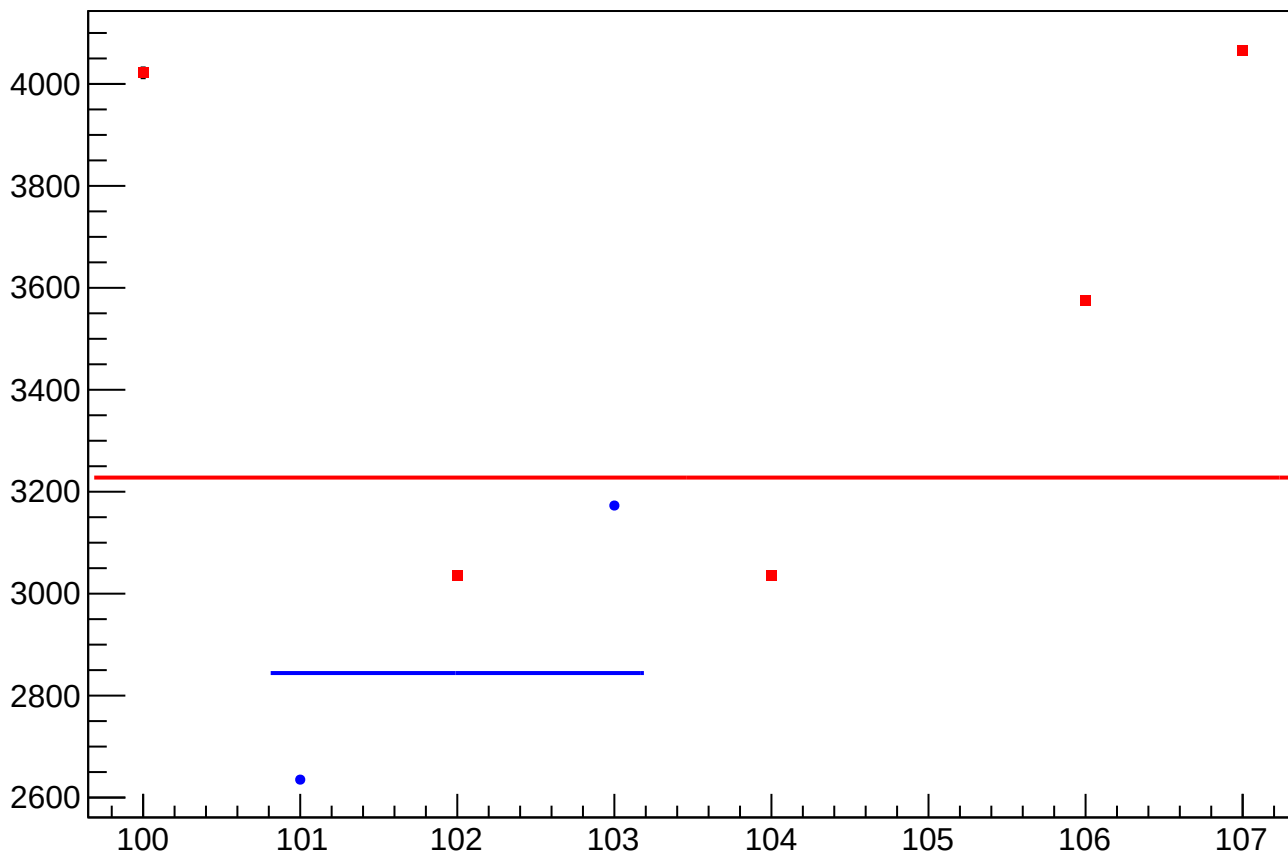
Right: 87.637+/-1754.606 χ^2/NDF : 10.7/6

In: -3172.521+/-2543.888 χ^2/NDF : 2.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.637+/-1754.606 χ^2/NDF : 10.7/6

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 2844.250+/-1.799 χ^2/NDF : 21236.9/1

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

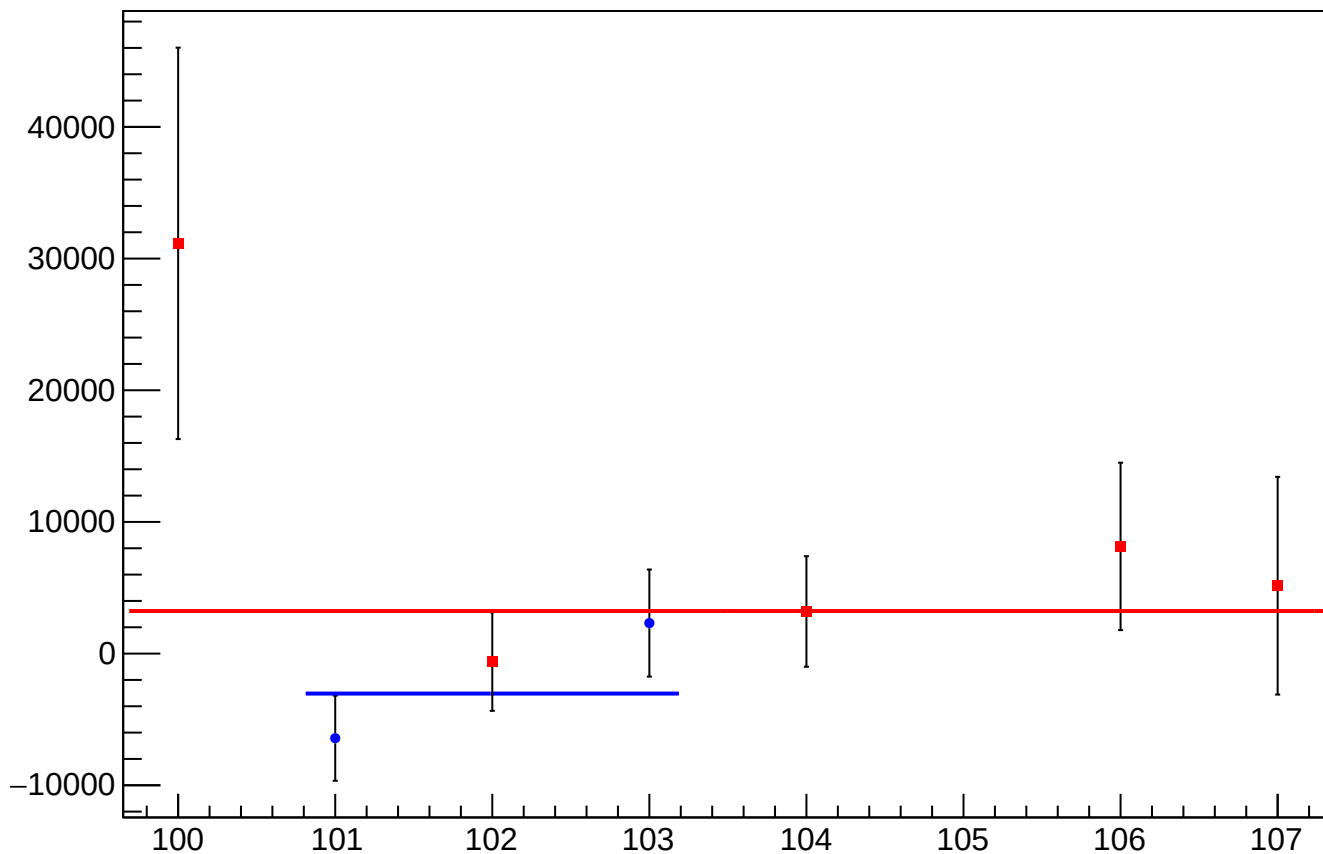
Right: 3045.308+/-1.241 χ^2/NDF : 86495.9/6

In: 2844.250+/-1.799 χ^2/NDF : 21236.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3045.308+/-1.241 χ^2/NDF : 86495.9/6

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -3035.040+/-2531.779 χ^2 /NDF: 2.8/1

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

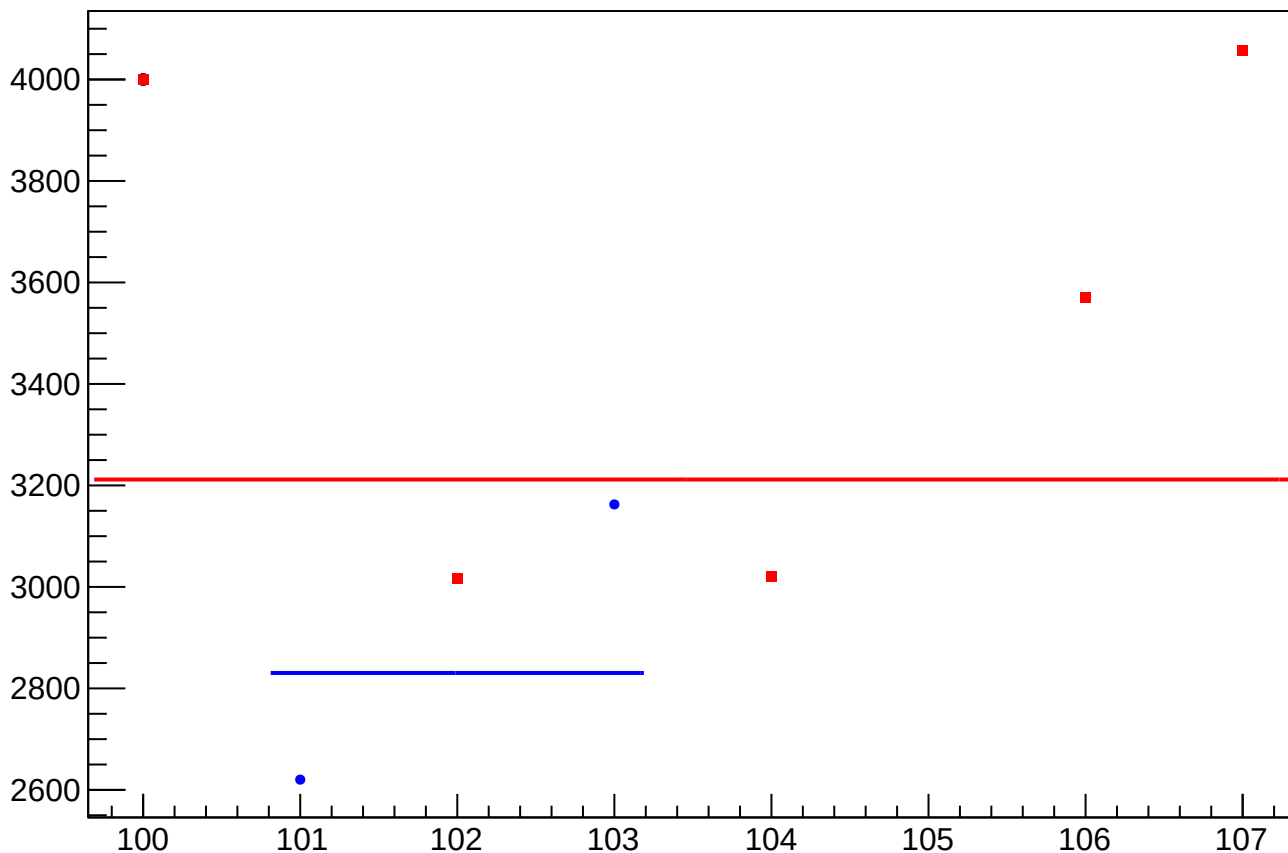
Right: 252.819+/-1746.158 χ^2 /NDF: 11.3/6

In: -3035.040+/-2531.779 χ^2 /NDF: 2.8/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 252.819+/-1746.158 χ^2 /NDF: 11.3/6

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 2830.463+/-1.790 χ^2/NDF : 21787.8/1

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

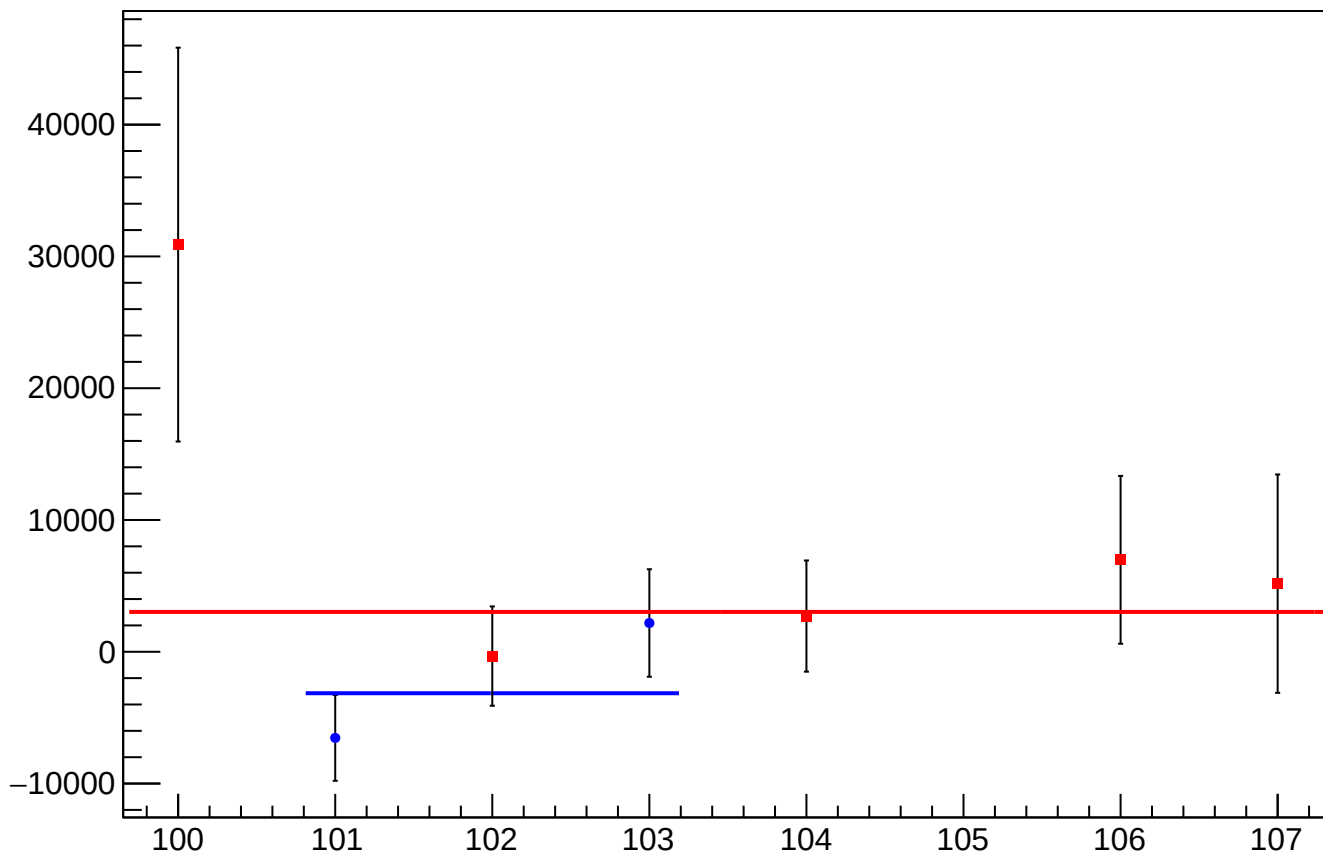
Right: 3030.335+/-1.235 χ^2/NDF : 88098.2/6

In: 2830.463+/-1.790 χ^2/NDF : 21787.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3030.335+/-1.235 χ^2/NDF : 88098.2/6

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -3145.837+/-2543.855 χ^2/NDF : 2.8/1

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

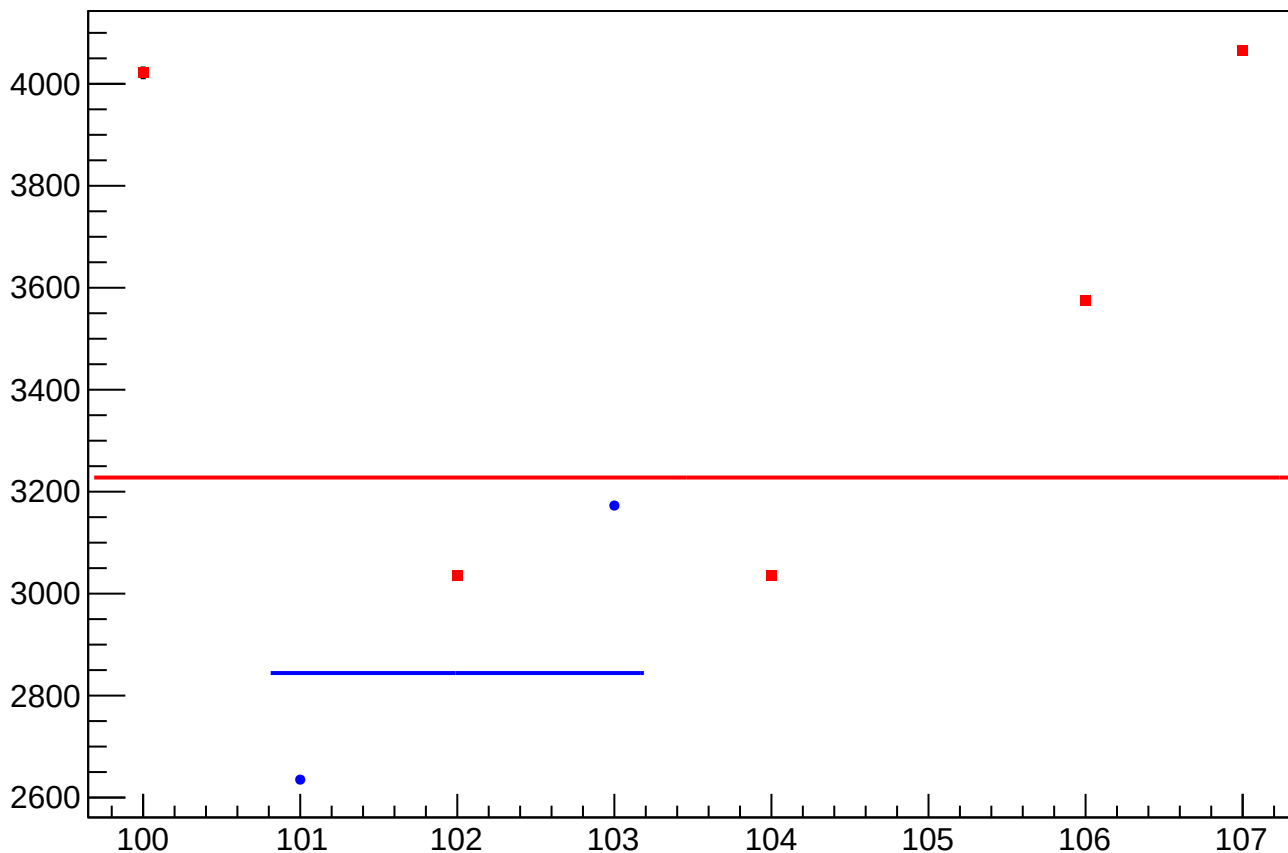
Right: 88.811+/-1754.588 χ^2/NDF : 10.6/6

In: -3145.837+/-2543.855 χ^2/NDF : 2.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.811+/-1754.588 χ^2/NDF : 10.6/6

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 2844.215+/-1.799 χ^2/NDF : 21229.1/1

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

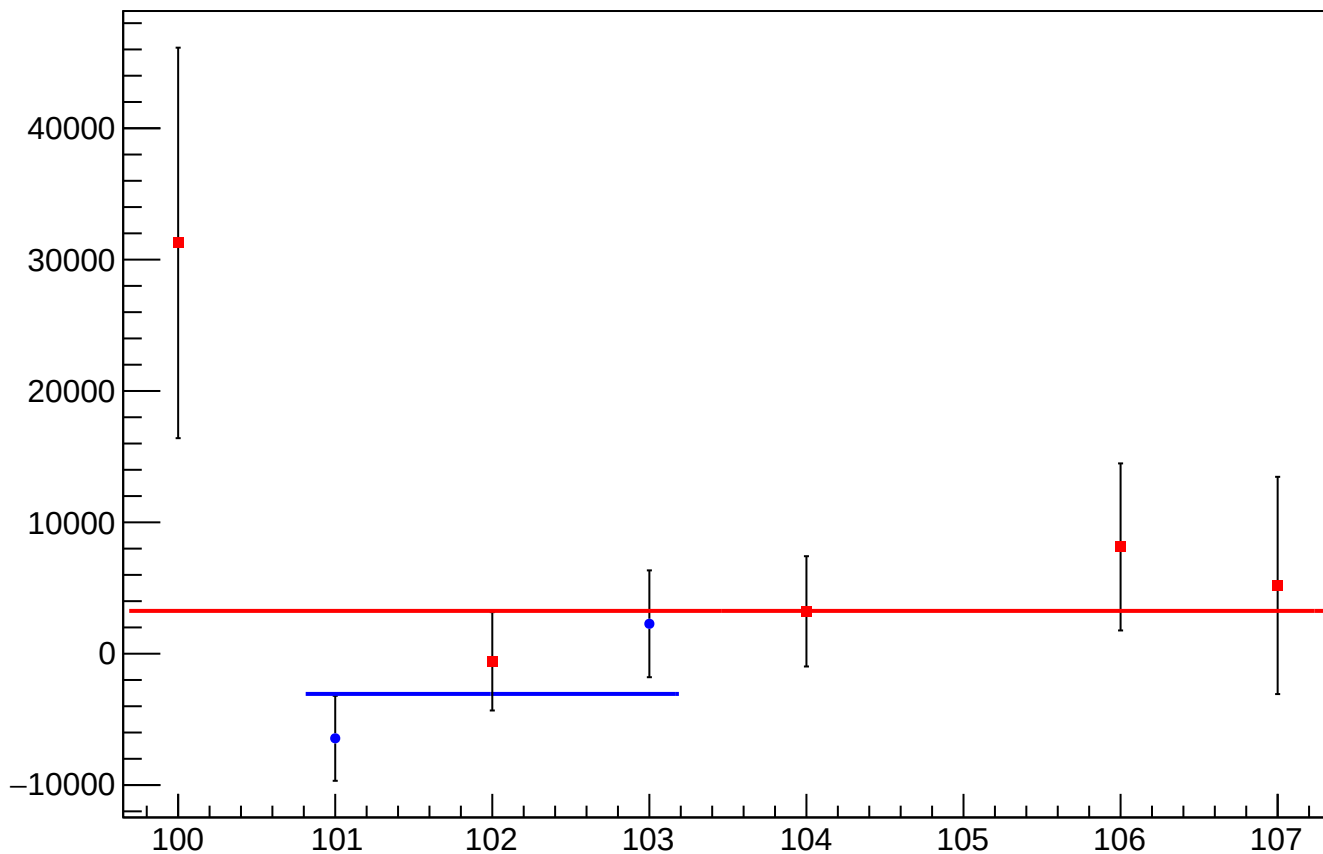
Right: 3045.284+/-1.241 χ^2/NDF : 86474.0/6

In: 2844.215+/-1.799 χ^2/NDF : 21229.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3045.284+/-1.241 χ^2/NDF : 86474.0/6

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -3060.987 $\pm$ 2531.797 χ^2 /NDF: 2.8/1

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

Right Out: 3258.680 $\pm$ 2411.534 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

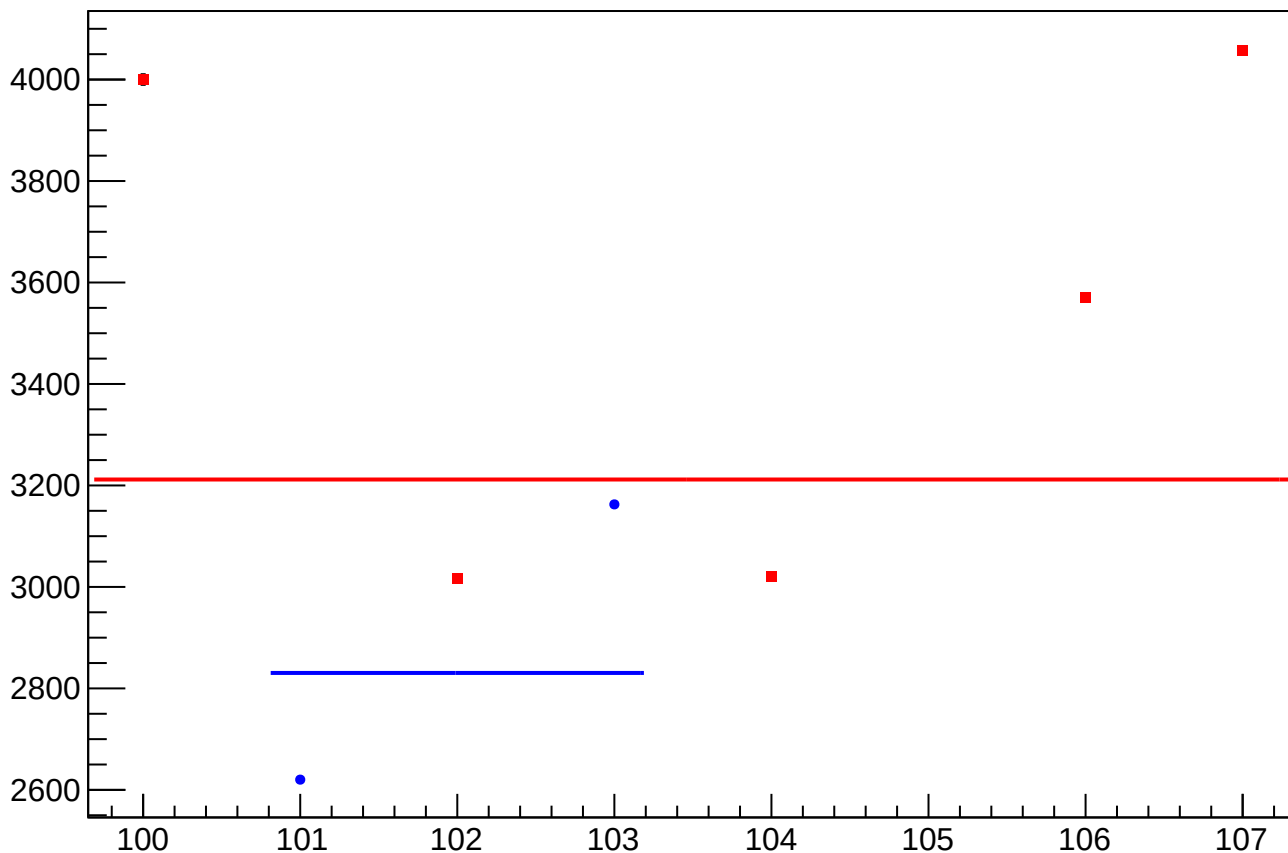
Right: 252.503 $\pm$ 1746.180 χ^2 /NDF: 11.3/6

In: -3060.987 $\pm$ 2531.797 χ^2 /NDF: 2.8/1

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

All: 252.503 $\pm$ 1746.180 χ^2 /NDF: 11.3/6

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 2830.478+/-1.790 χ^2/NDF : 21797.3/1

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

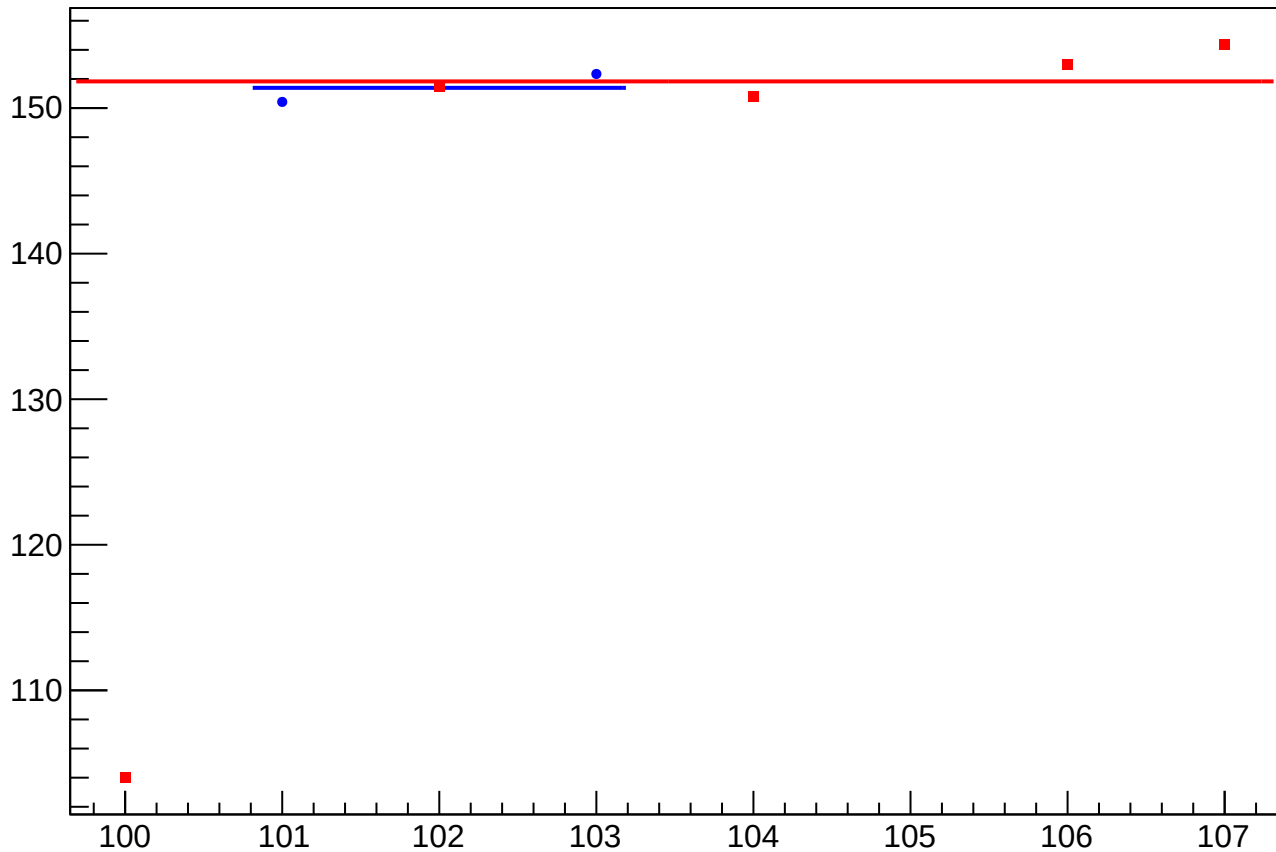
Right: 3030.369+/-1.235 χ^2/NDF : 88115.2/6

In: 2830.478+/-1.790 χ^2/NDF : 21797.3/1

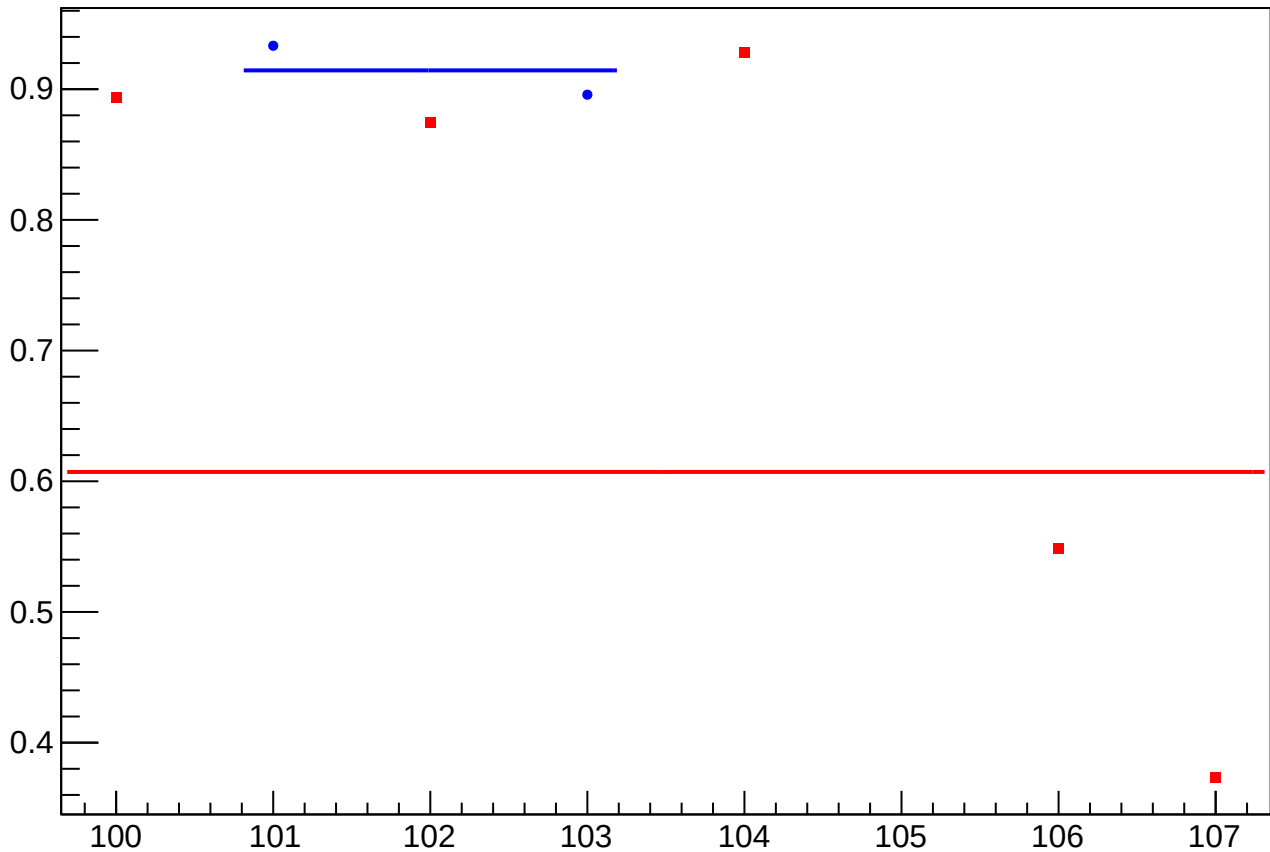
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3030.369+/-1.235 χ^2/NDF : 88115.2/6

yield_bcm_target_mean vs Slug, Sign Corrected



yield_bcm_target_rms vs Slug, Sign Corrected



Right In: 0.914 $\pm$ 0.001 χ^2 /NDF: 1026.2/1

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

Right Out: 0.607 $\pm$ 0.000 χ^2 /NDF: 436596.4/4

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

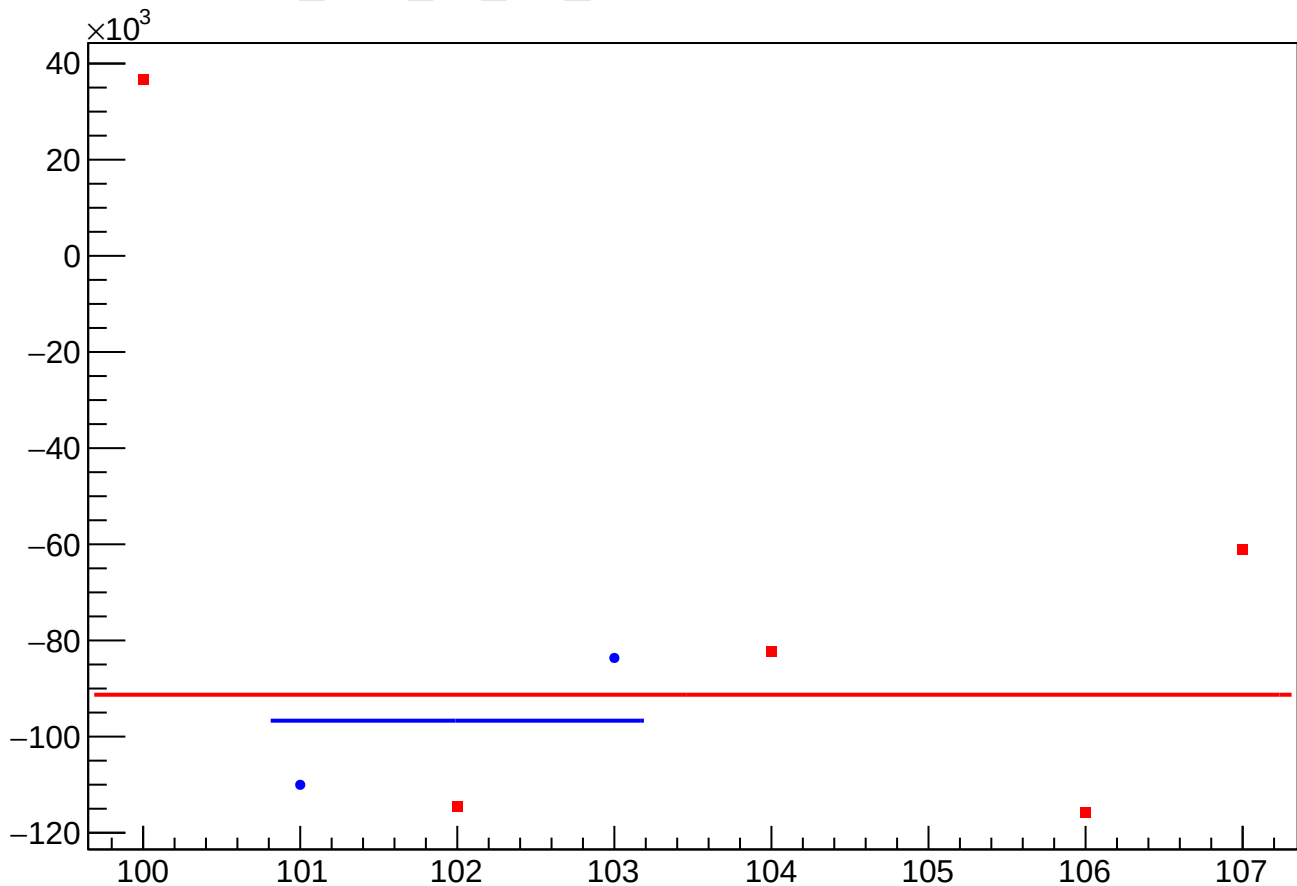
Right: 0.689 $\pm$ 0.000 χ^2 /NDF: 640462.4/6

In: 0.914 $\pm$ 0.001 χ^2 /NDF:1026.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

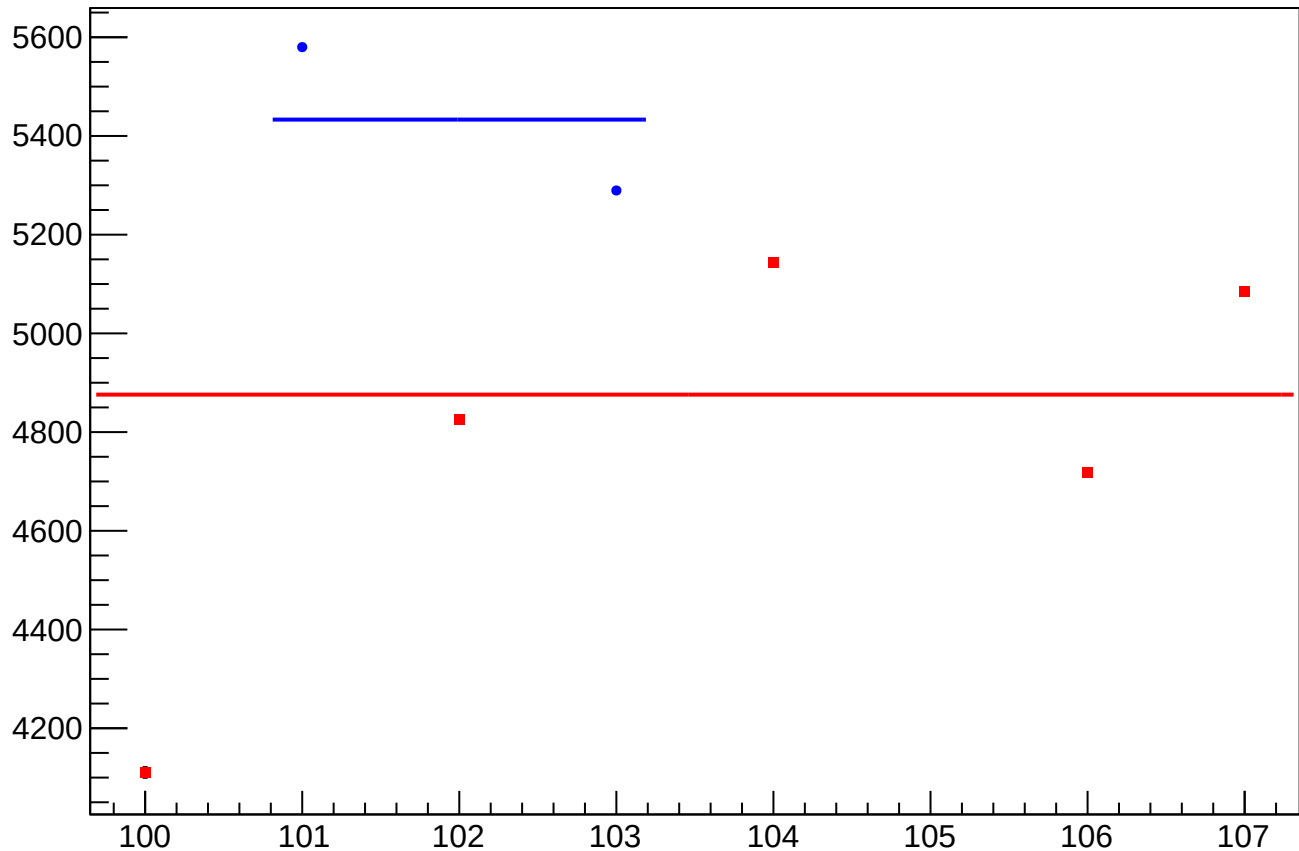
All: 0.689 $\pm$ 0.000 χ^2 /NDF: 640462.4/6

yield_bcm_an_diff_mean vs Slug, Sign Corrected



Right In: -96686.116 $\pm$ 4.935 χ^2 /NDF: 7147800.1/1
 Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0
 Right Out: -91290.463 $\pm$ -3.704 χ^2 /NDF: 102237847.6/4
 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: -93234.988 $\pm$ -2.963 χ^2 /NDF: 110150253.8/6
 In: -96686.116 $\pm$ -4.935 χ^2 /NDF:7147800.1/1
 Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0
 All: -93234.988 $\pm$ -2.963 χ^2 /NDF: 110150253

yield_bcm_an_diff_rms vs Slug, Sign Corrected



Right In: 5433.156+/-3.490 χ^2/NDF : 1732.1/1

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

Right Out: 4875.933+/-2.619 χ^2/NDF : 9265.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

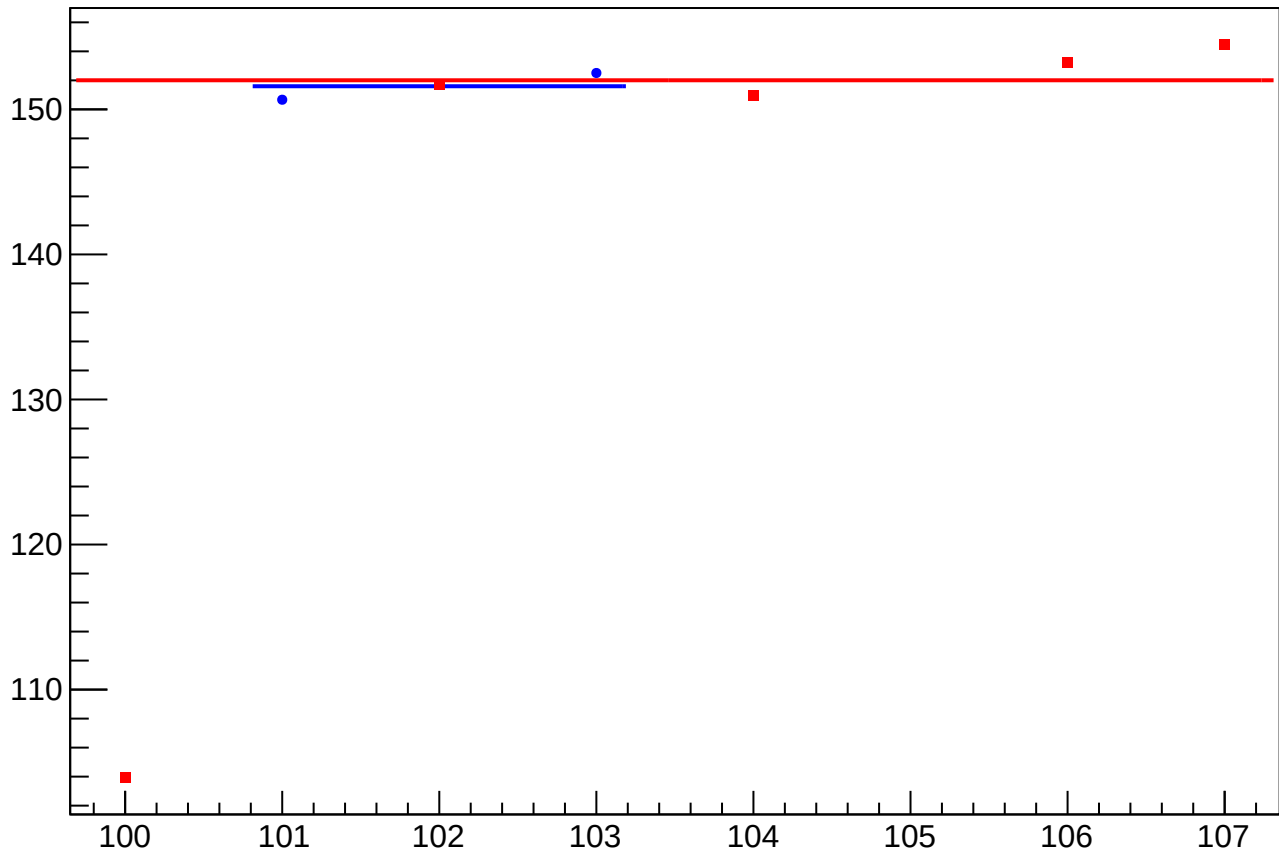
Right: 5076.749+/-2.095 χ^2/NDF : 27306.7/6

In: 5433.156+/-3.490 χ^2/NDF : 1732.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5076.749+/-2.095 χ^2/NDF : 27306.7/6

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 151.594+/-0.001 χ^2/NDF : 1257358.6/1

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

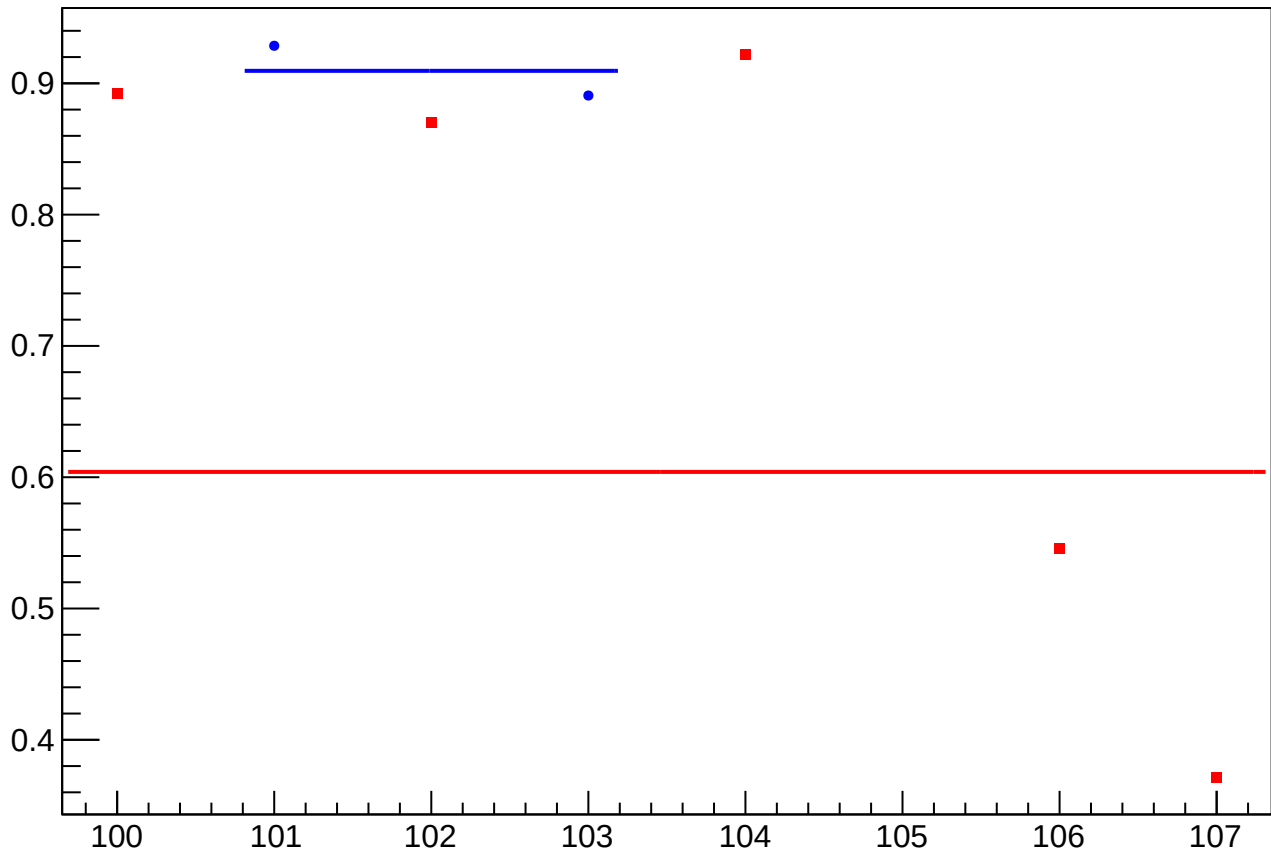
Right: 151.897+/-0.000 χ^2/NDF : 222348668.9/6

In: 151.594+/-0.001 χ^2/NDF : 1257358.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.897+/-0.000 χ^2/NDF : 222348668.9/6

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.910 $\pm$ 0.001 χ^2 /NDF: 1063.4/1

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

Right Out: 0.604 $\pm$ 0.000 χ^2 /NDF: 436651.1/4

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

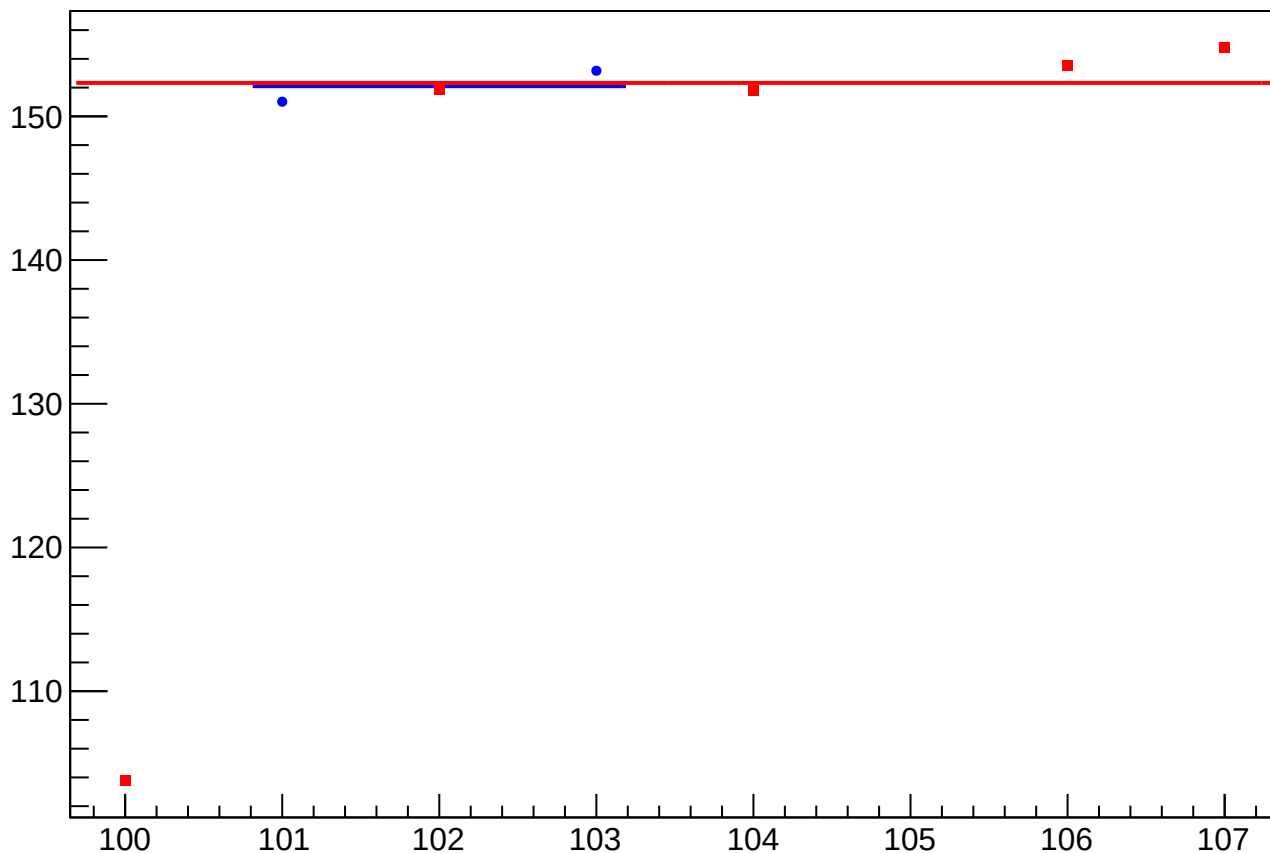
Right: 0.685 $\pm$ 0.000 χ^2 /NDF: 640340.0/6

In: 0.910 $\pm$ 0.001 χ^2 /NDF:1063.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.685 $\pm$ 0.000 χ^2 /NDF: 640340.0/6

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 152.102+/-0.001 χ^2/NDF : 1677207.9/1

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

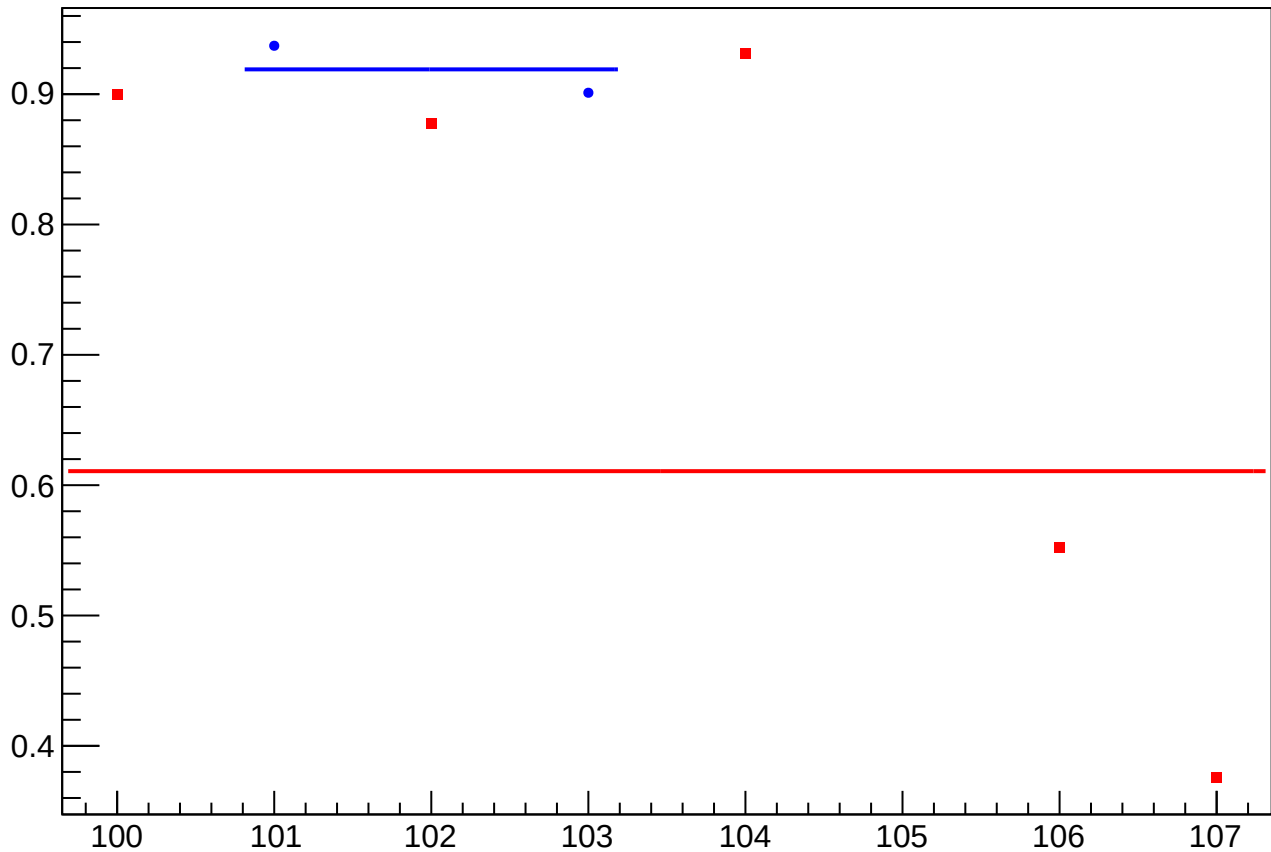
Right: 152.268+/-0.000 χ^2/NDF : 222786899.0/6

In: 152.102+/-0.001 χ^2/NDF :1677207.9/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 152.268+/-0.000 χ^2/NDF : 222786899.0/6

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.919 $\pm$ 0.001 χ^2 /NDF: 942.0/1

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

Right Out: 0.611 $\pm$ 0.000 χ^2 /NDF: 433453.3/4

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

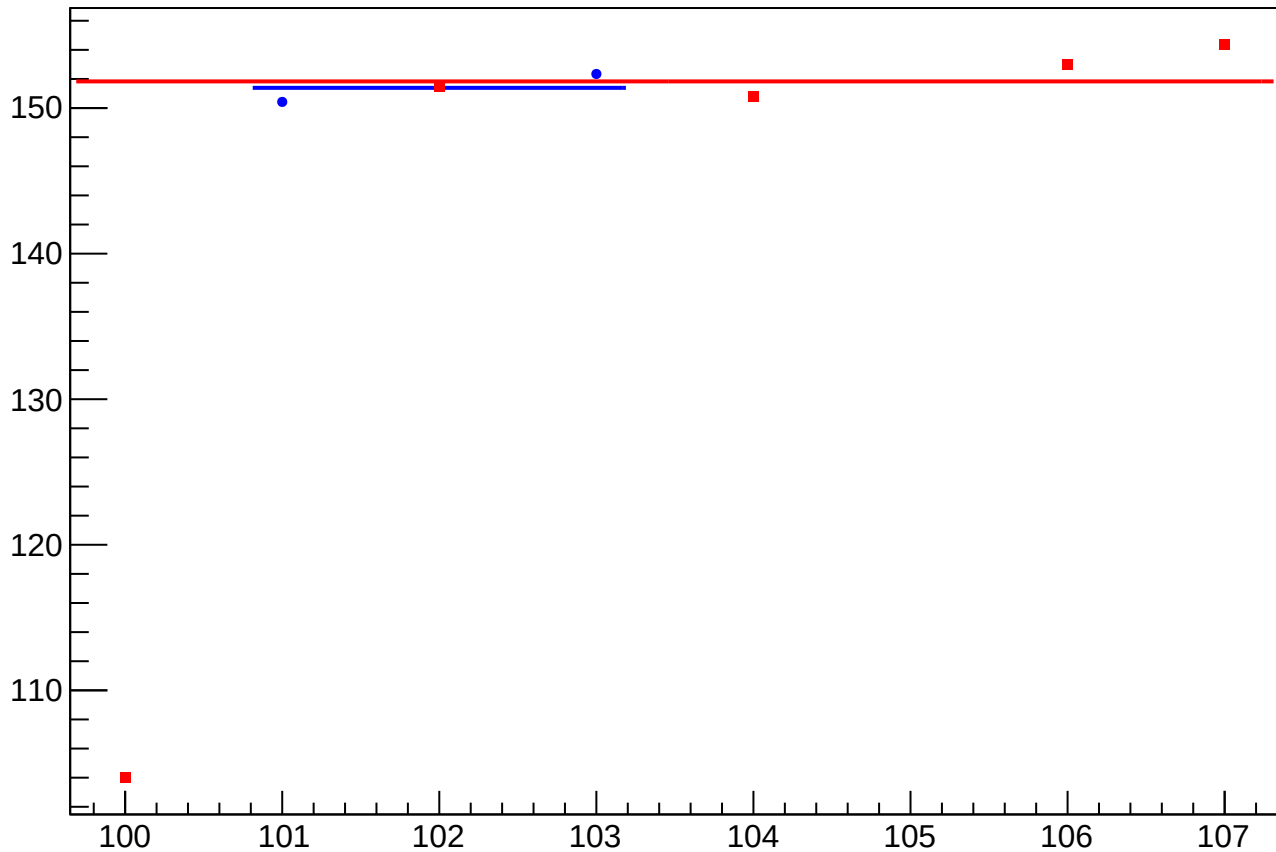
Right: 0.693 $\pm$ 0.000 χ^2 /NDF: 636476.1/6

In: 0.919 $\pm$ 0.001 χ^2 /NDF:942.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.693 $\pm$ 0.000 χ^2 /NDF: 636476.1/6

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 151.391+/-0.001 χ^2/NDF : 1348252.8/1

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

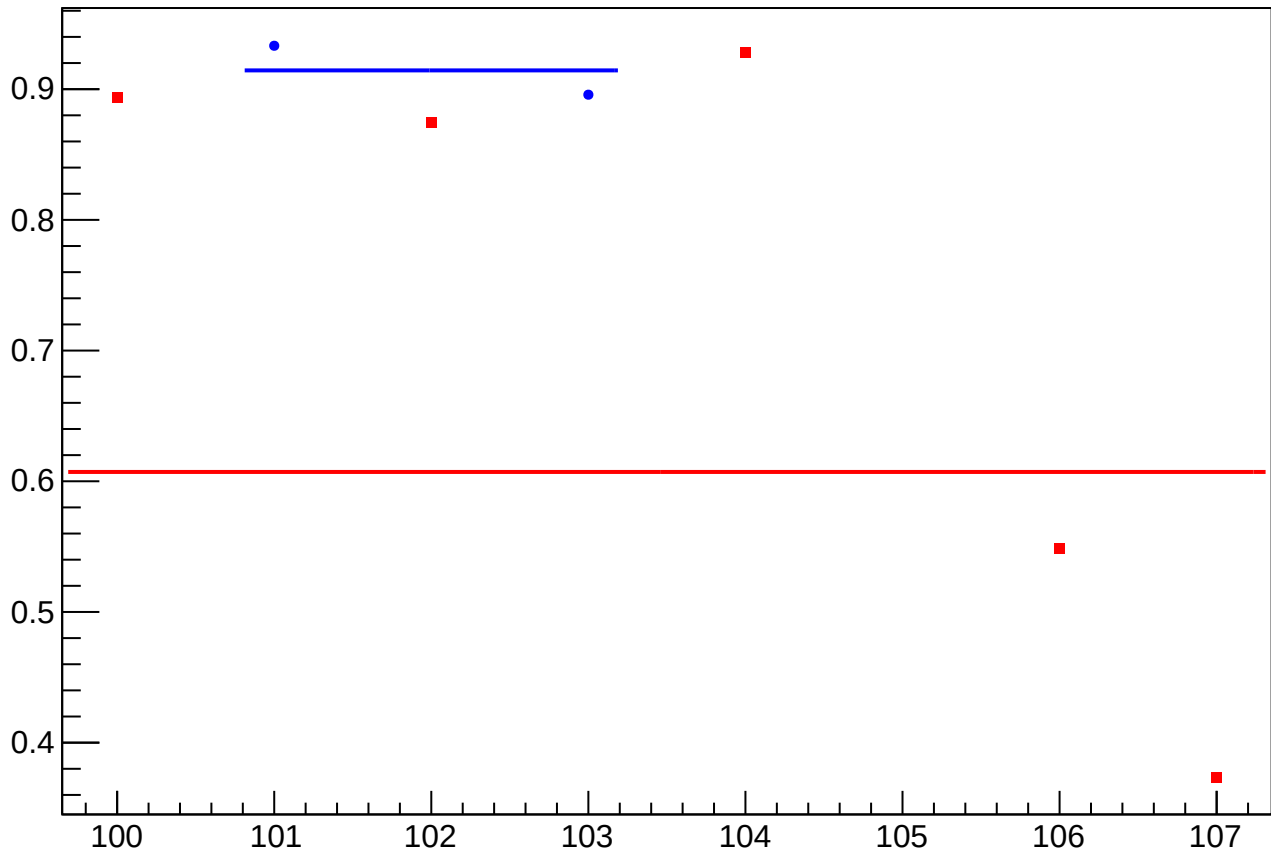
Right: 151.716+/-0.000 χ^2/NDF : 220166444.8/6

In: 151.391+/-0.001 χ^2/NDF : 1348252.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.716+/-0.000 χ^2/NDF : 220166444.8/6

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.914+/-0.001 χ^2/NDF : 1026.2/1

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

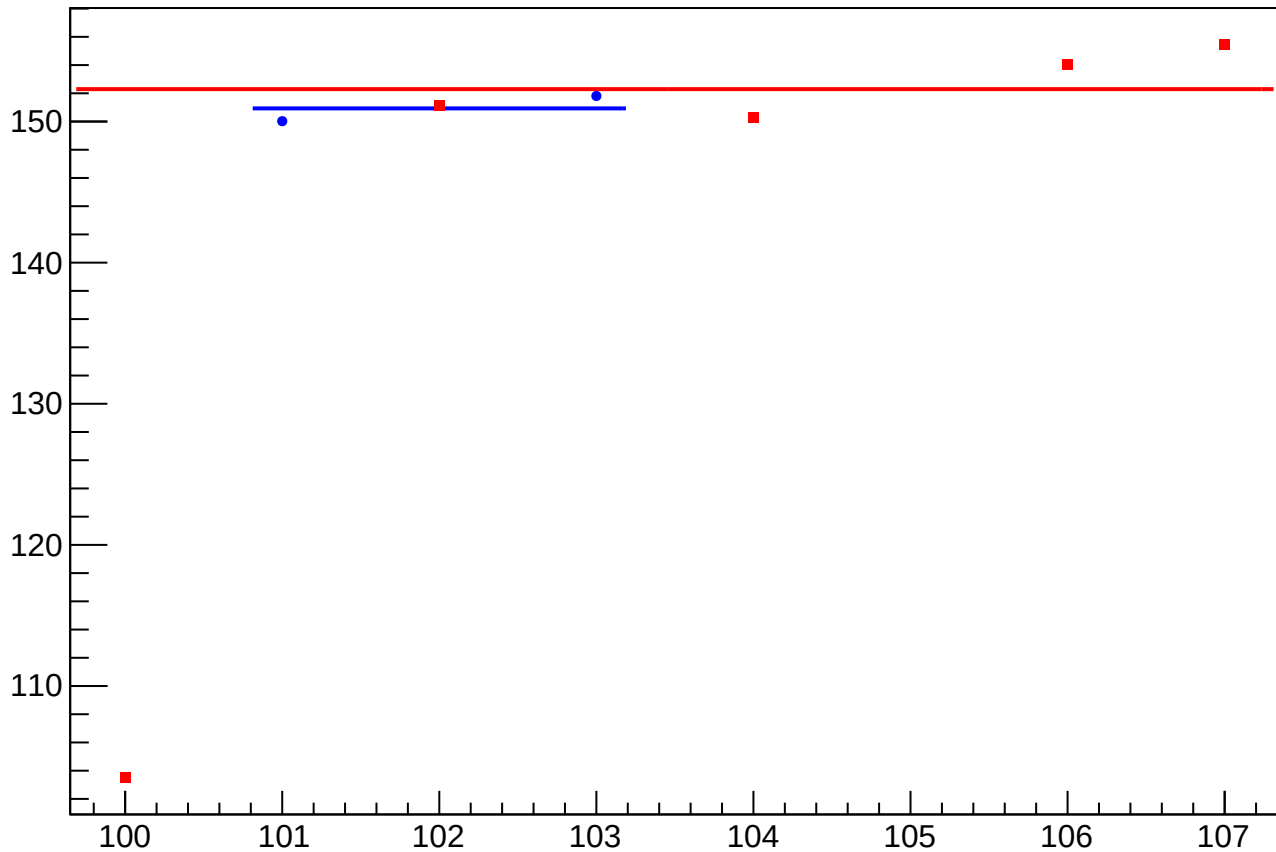
Right: 0.689+/-0.000 χ^2/NDF : 640462.4/6

In: 0.914+/-0.001 χ^2/NDF : 1026.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.689+/-0.000 χ^2/NDF : 640462.4/6

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 150.929+/-0.001 χ^2/NDF : 1156571.4/1

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

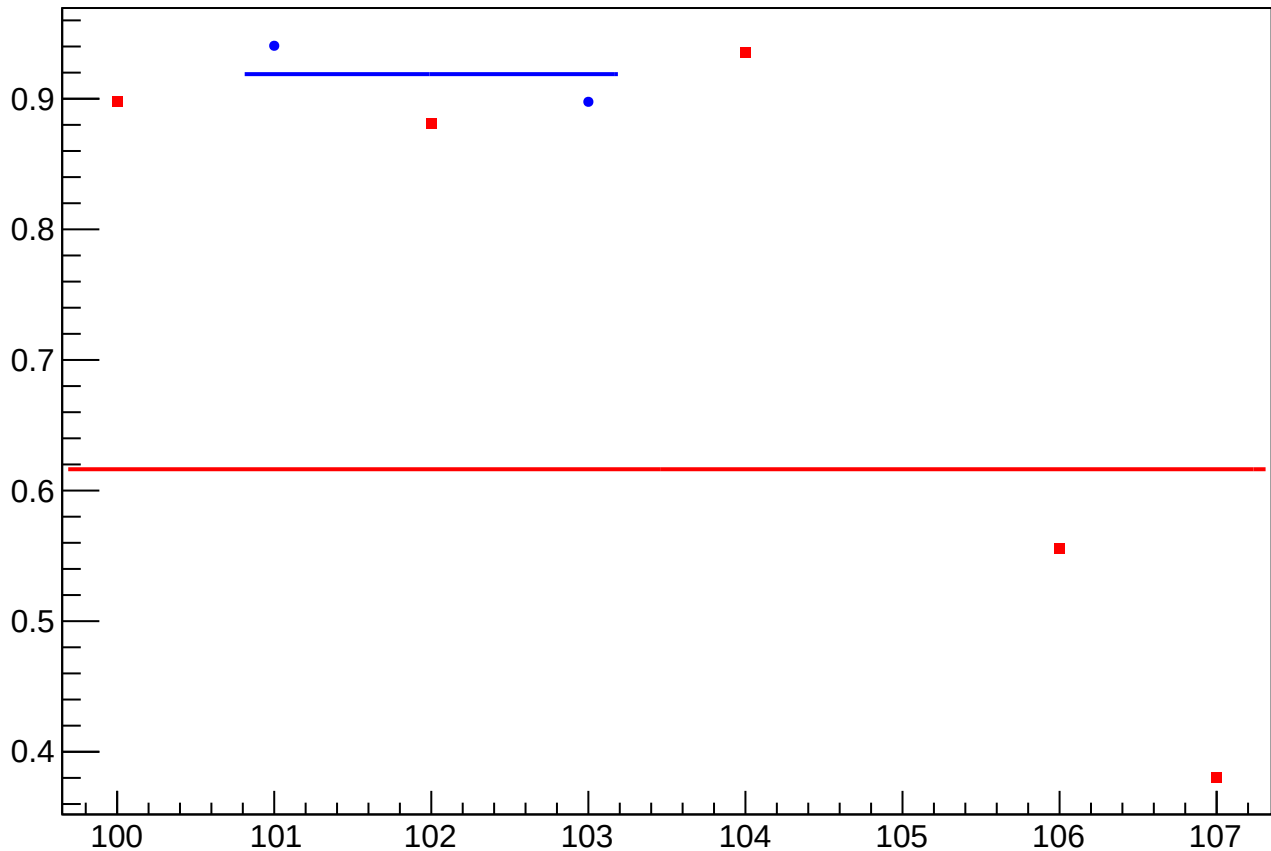
Right: 151.928+/-0.000 χ^2/NDF : 237389141.7/6

In: 150.929+/-0.001 χ^2/NDF : 1156571.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.928+/-0.000 χ^2/NDF : 237389141.7/6

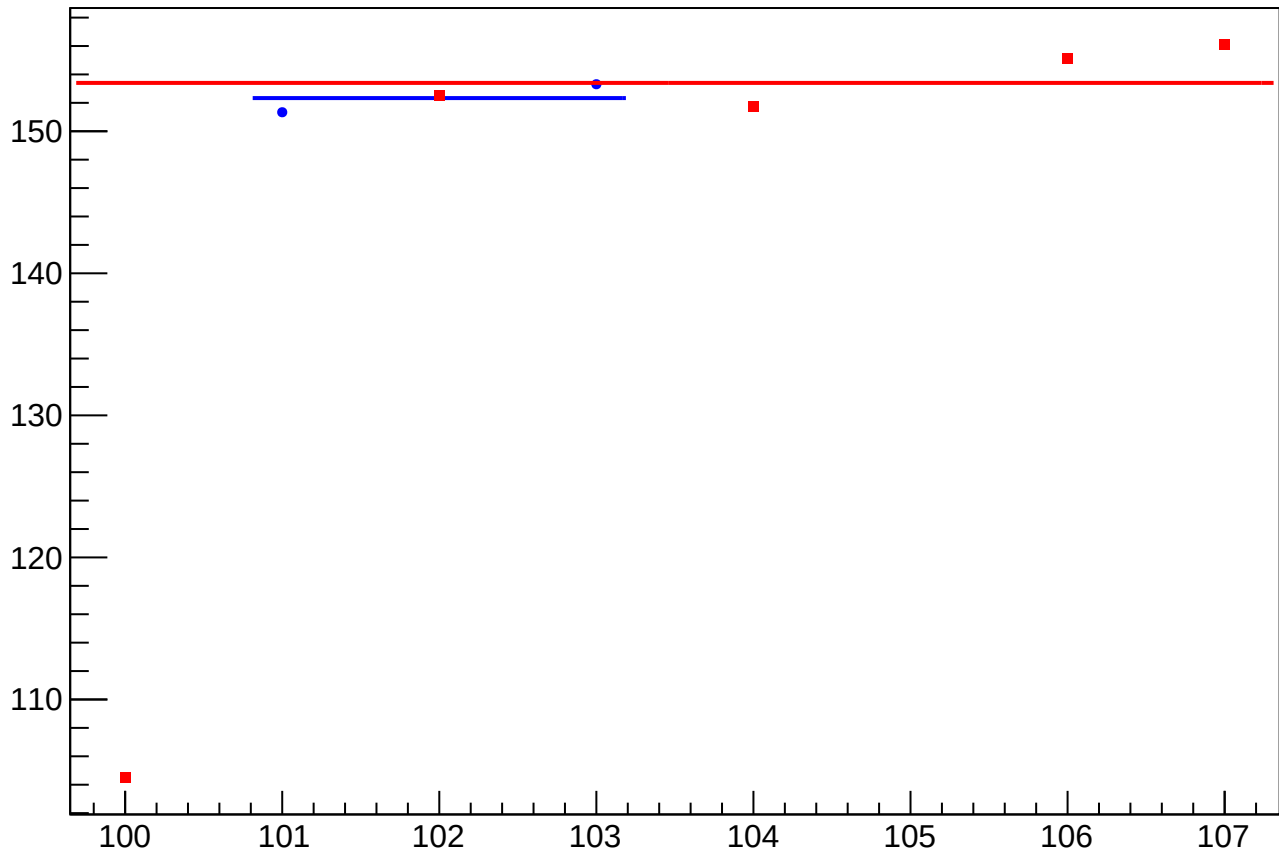
yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.919+/-0.001 χ^2/NDF : 1334.7/1
 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: 0.698+/-0.000 χ^2/NDF : 621237.4/6
 In: 0.919+/-0.001 χ^2/NDF : 1334.7/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.698+/-0.000 χ^2/NDF : 621237.4/6

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 152.335 $\pm$ 0.001 χ^2 /NDF: 1364940.0/1

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

Right Out: 153.403 $\pm$ 0.001 χ^2 /NDF: 225240747.1/4

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

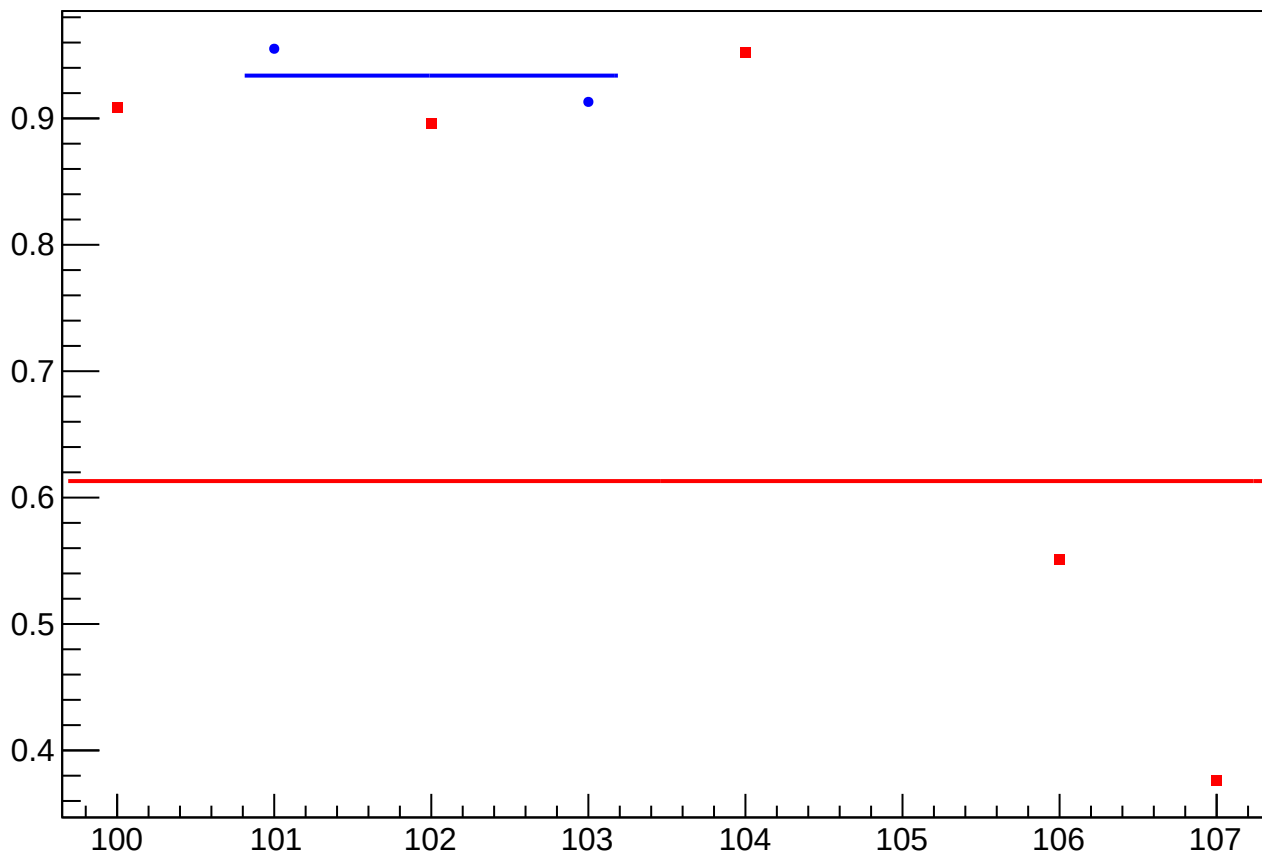
Right: 153.122 $\pm$ 0.000 χ^2 /NDF: 227786535.9/6

In: 152.335 $\pm$ 0.001 χ^2 /NDF: 1364940.0/1

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

All: 153.122 $\pm$ 0.000 χ^2 /NDF: 227786535.9/6

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.934 $\pm$ 0.001 χ^2 /NDF: 1240.4/1

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

Right Out: 0.613 $\pm$ 0.000 χ^2 /NDF: 455625.0/4

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

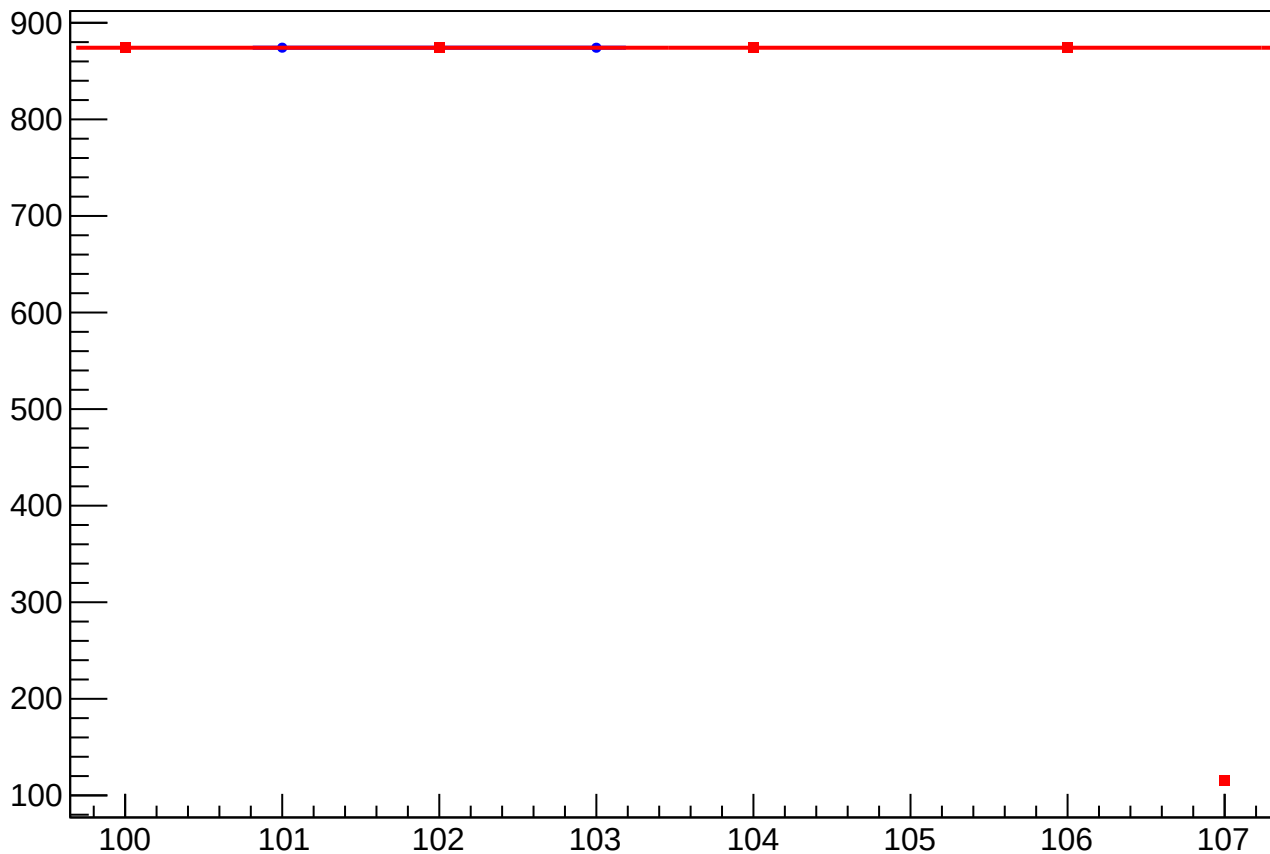
Right: 0.698 $\pm$ 0.000 χ^2 /NDF: 669716.1/6

In: 0.934 $\pm$ 0.001 χ^2 /NDF: 1240.4/1

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

All: 0.698 $\pm$ 0.000 χ^2 /NDF: 669716.1/6

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 874.226+/-0.000 χ^2/NDF : 4337994.3/1

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

Right Out: 874.185+/-0.000 χ^2/NDF : 25061234834.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

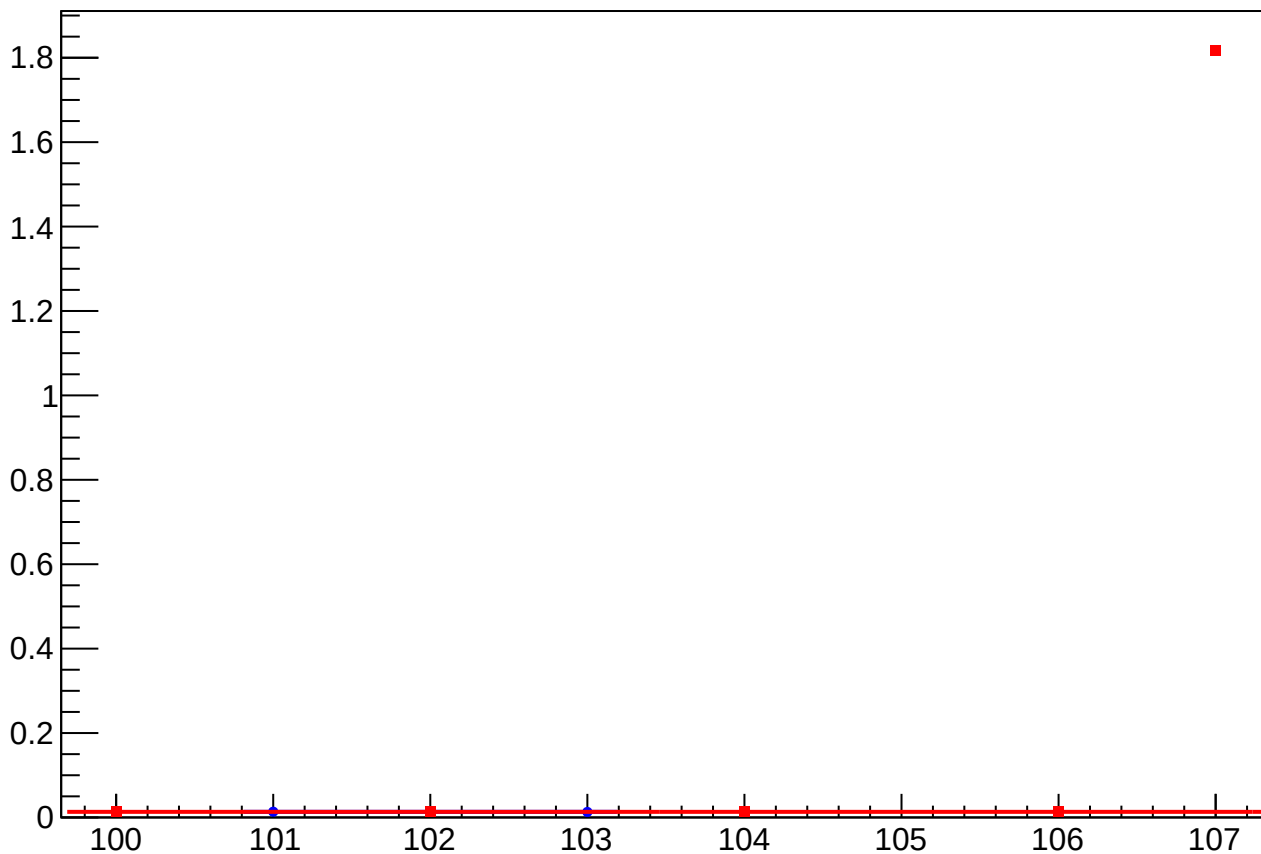
Right: 874.204+/-0.000 χ^2/NDF : 25071965102.1/6

In: 874.226+/-0.000 χ^2/NDF : 4337994.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 874.204+/-0.000 χ^2/NDF : 25071965102.1/6

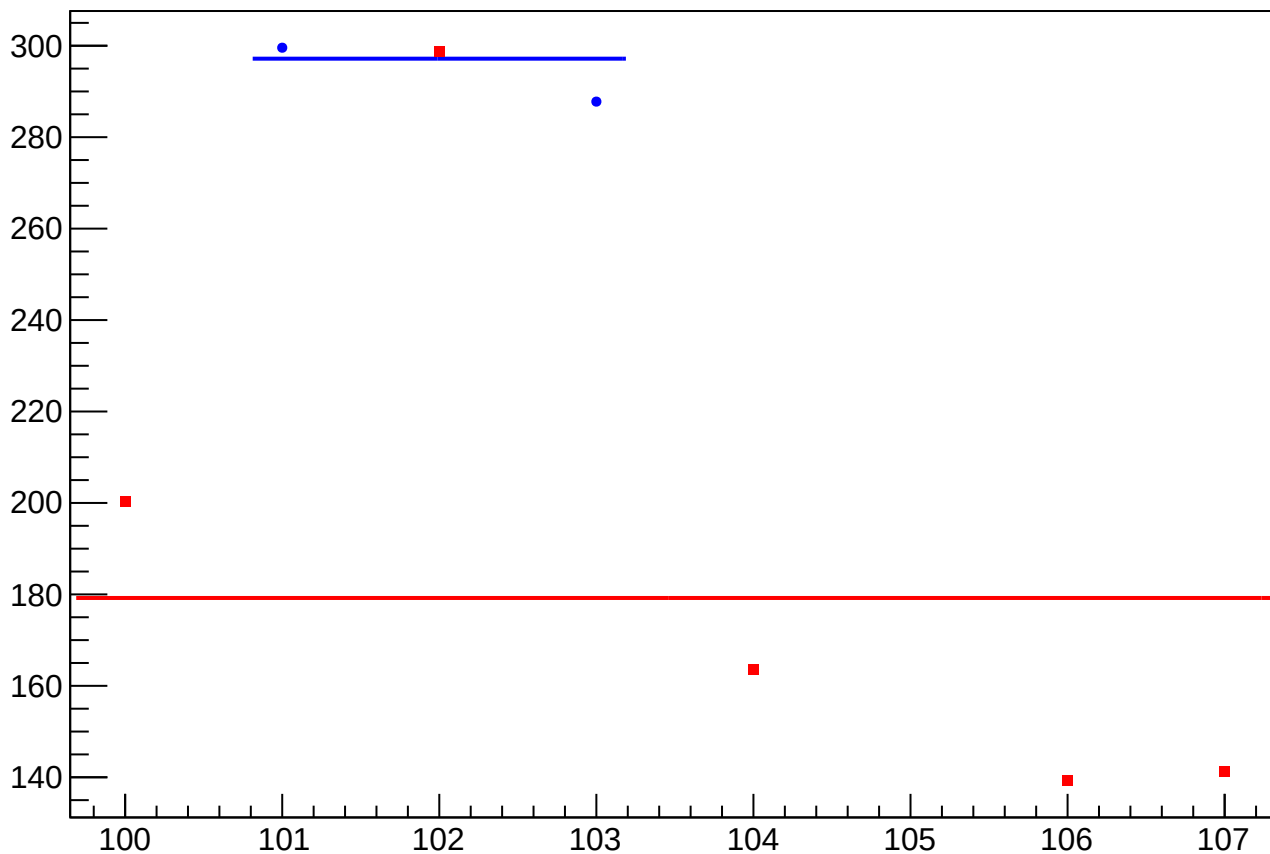
yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.000 χ^2 /NDF: 1239.3/1
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
Right Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 282901.0/4
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: 0.013 $\pm$ 0.000 χ^2 /NDF: 284147.8/6
In: 0.013 $\pm$ 0.000 χ^2 /NDF:1239.3/1
Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
All: 0.013 $\pm$ 0.000 χ^2 /NDF: 284147.8/6

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 297.170+/-0.006 χ^2/NDF : 557532.0/1

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

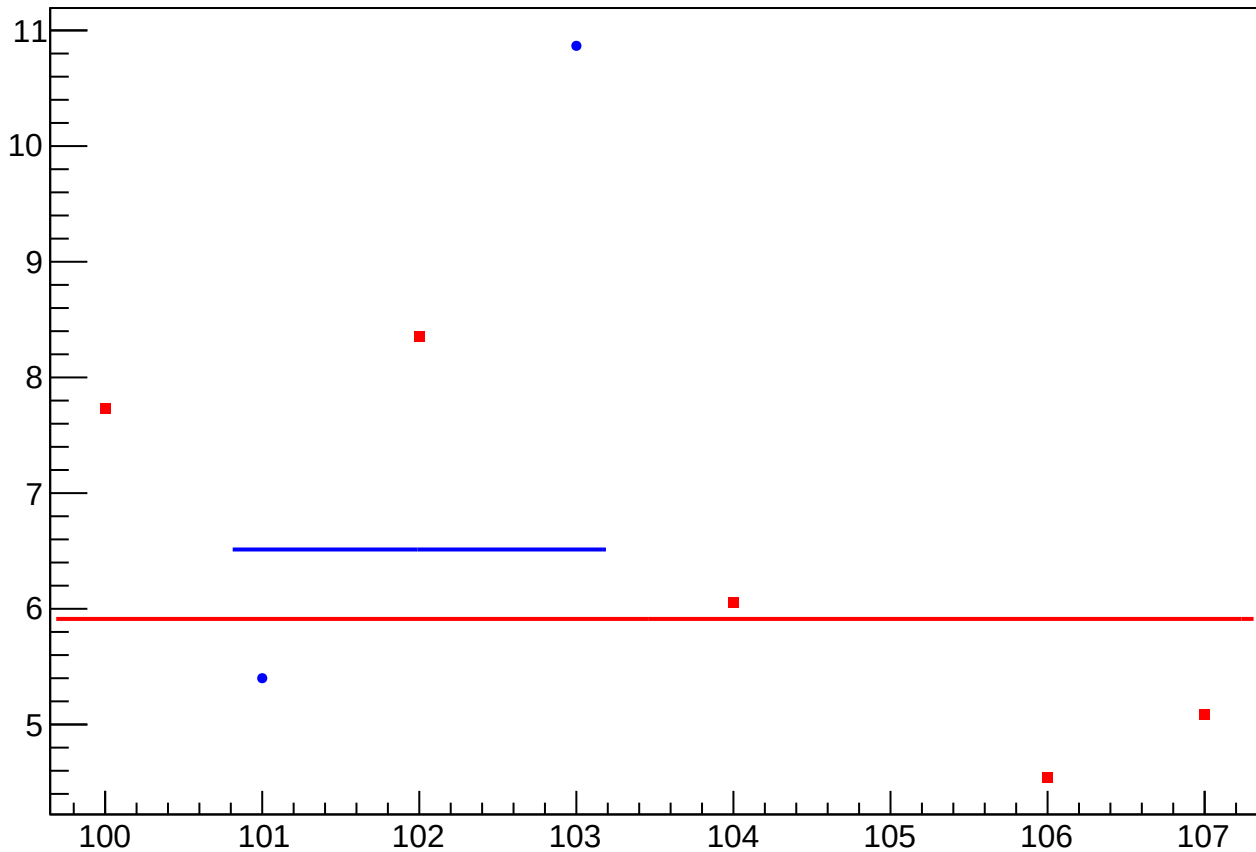
Right: 222.198+/-0.004 χ^2/NDF : 374524934.2/6

In: 297.170+/-0.006 χ^2/NDF : 557532.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 222.198+/-0.004 χ^2/NDF : 374524934.2/6

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 6.513+/-0.004 χ^2/NDF : 239705.8/1

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

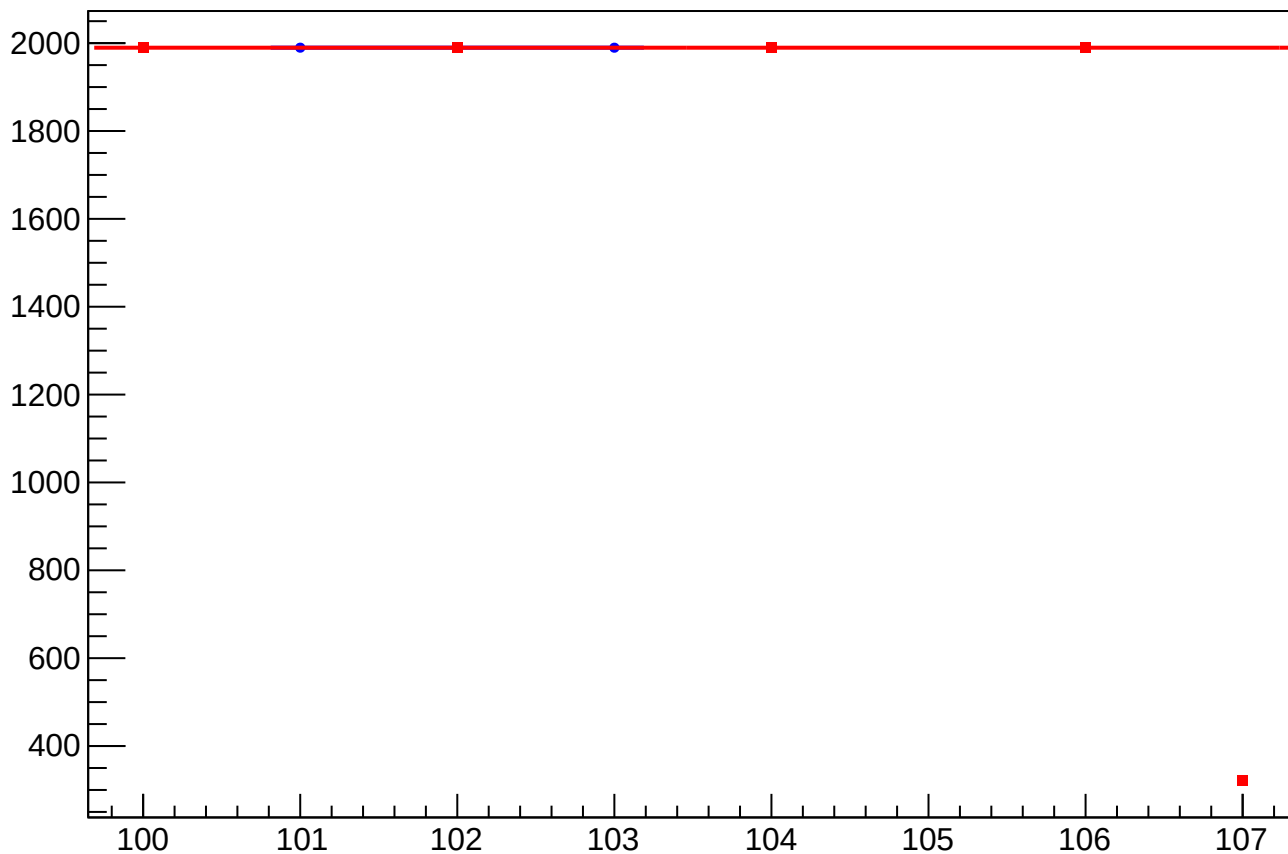
Right: 6.131+/-0.003 χ^2/NDF : 418060.2/6

In: 6.513+/-0.004 χ^2/NDF : 239705.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.131+/-0.003 χ^2/NDF : 418060.2/6

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 1989.662+/-0.000 χ^2/NDF : 210846.6/1

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

Right Out: 1989.605+/-0.000 χ^2/NDF : 18075623760.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

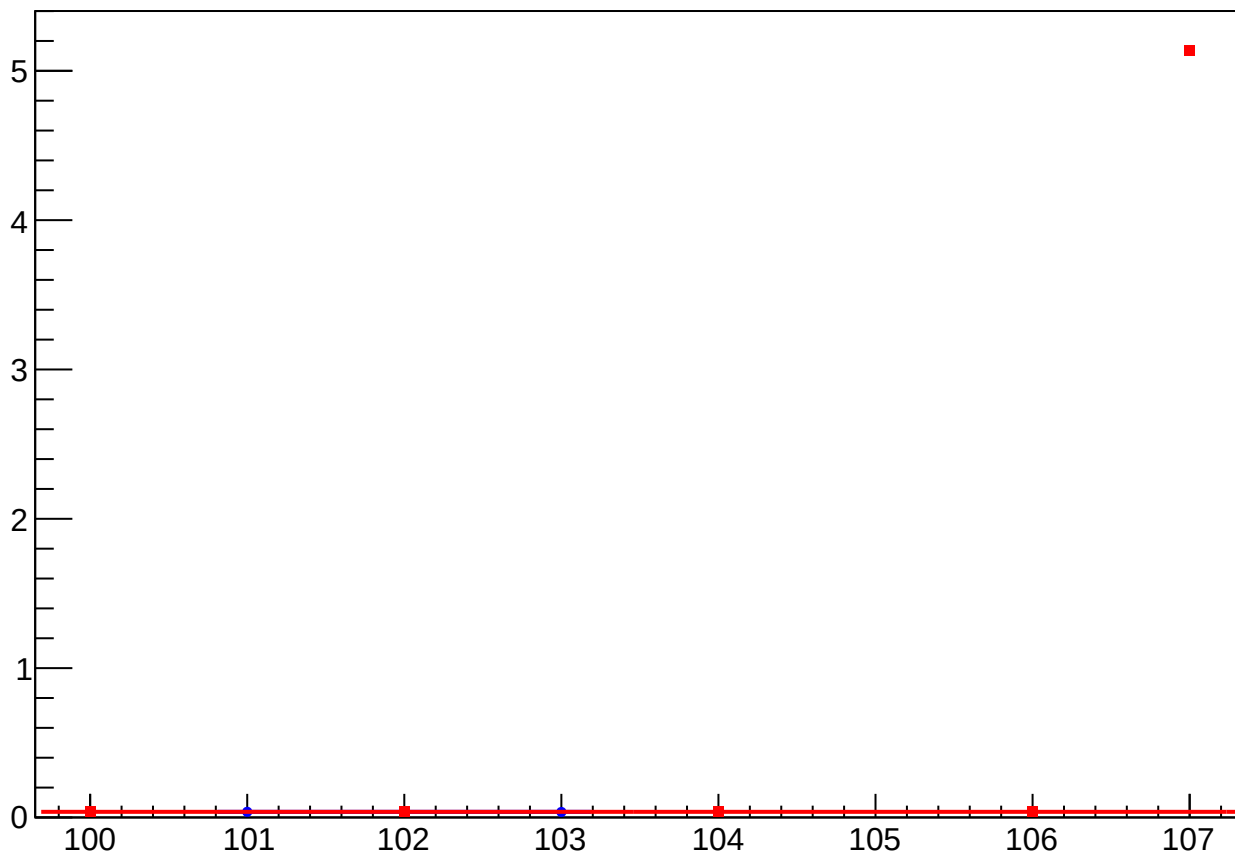
Right: 1989.631+/-0.000 χ^2/NDF : 18076777306.8/6

In: 1989.662+/-0.000 χ^2/NDF : 210846.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1989.631+/-0.000 χ^2/NDF : 18076777306.8/6

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.038 $\pm$ 0.000 χ^2 /NDF: 131.8/1

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

Right Out: 0.038 $\pm$ 0.000 χ^2 /NDF: 337753.1/4

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

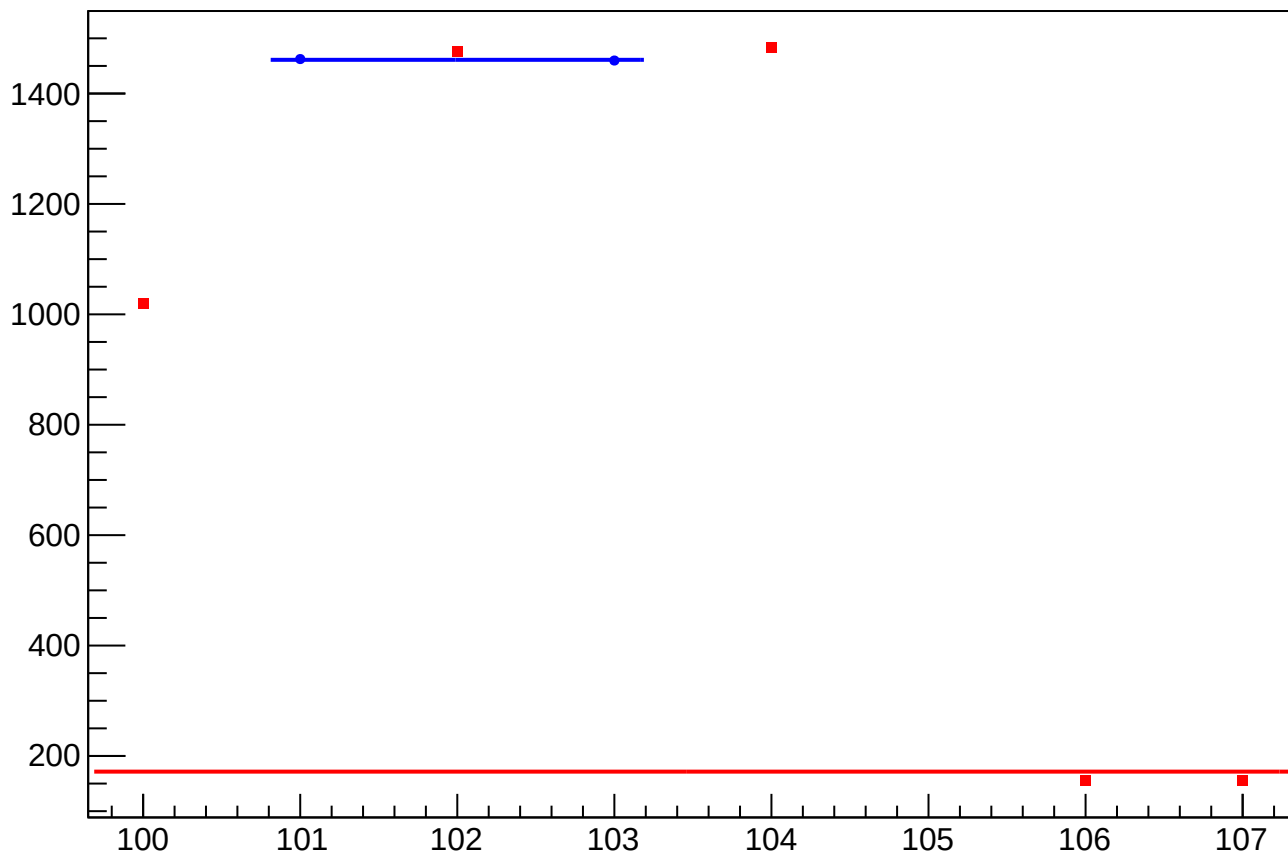
Right: 0.038 $\pm$ 0.000 χ^2 /NDF: 337889.0/6

In: 0.038 $\pm$ 0.000 χ^2 /NDF:131.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.038 $\pm$ 0.000 χ^2 /NDF: 337889.0/6

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 1461.068 $\pm$ 0.011 χ^2 /NDF: 15046.7/1

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

Right Out: 171.629 $\pm$ 0.001 χ^2 /NDF: 15702835818.8/4

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

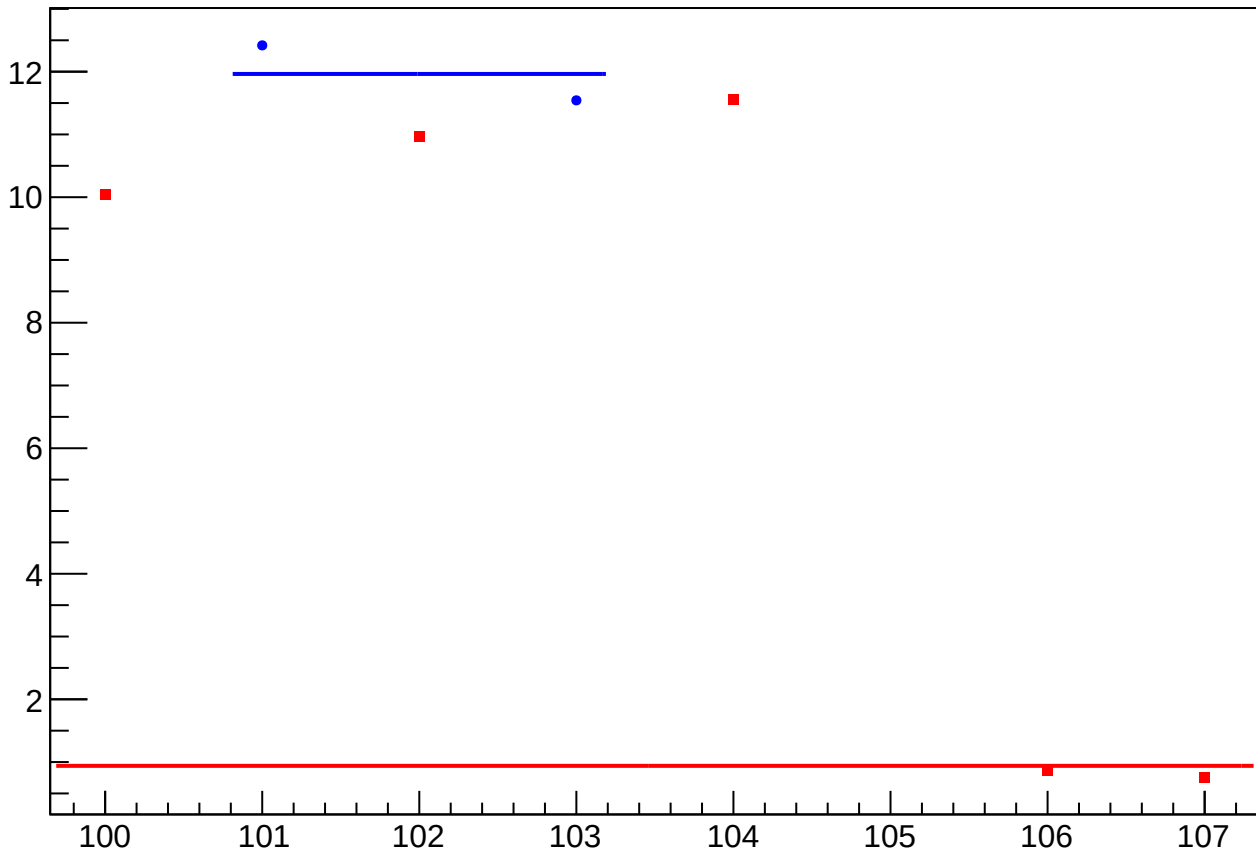
Right: 186.096 $\pm$ 0.001 χ^2 /NDF: 29532235704.0/6

In: 1461.068 $\pm$ 0.011 χ^2 /NDF:15046.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 186.096 $\pm$ 0.001 χ^2 /NDF: 29532235704.0/6

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 11.964 $\pm$ 0.008 χ^2 /NDF: 3222.9/1

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

Right Out: 0.940 $\pm$ 0.001 χ^2 /NDF: 2002699.4/4

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

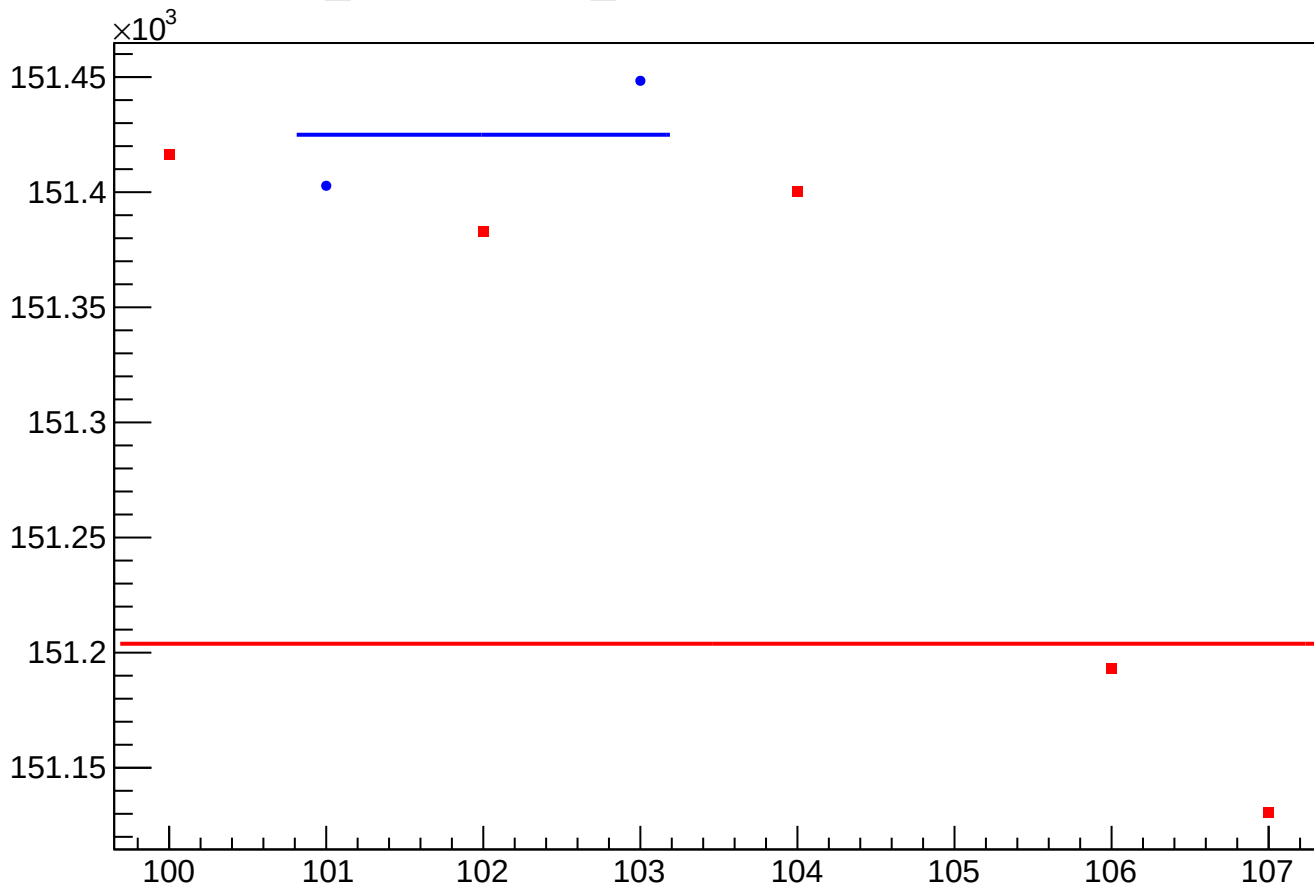
Right: 1.063 $\pm$ 0.001 χ^2 /NDF: 4027569.7/6

In: 11.964 $\pm$ 0.008 χ^2 /NDF:3222.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.063 $\pm$ 0.001 χ^2 /NDF: 4027569.7/6

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 151424.953 $\pm$ 0.343 χ^2 /NDF: 4410.3/1

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

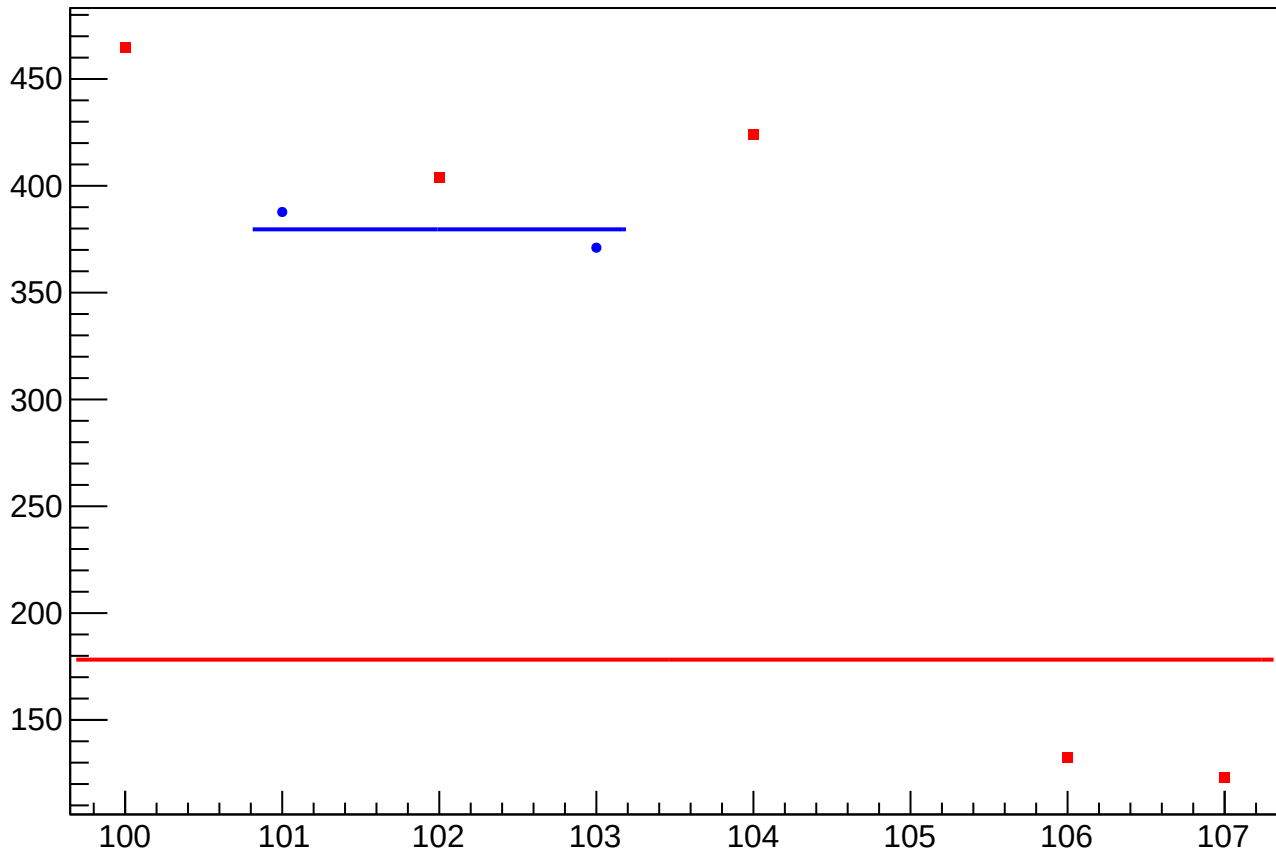
Right: 151241.719 $\pm$ 0.142 χ^2 /NDF: 688604.3/6

In: 151424.953 $\pm$ 0.343 χ^2 /NDF:4410.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 151241.719 $\pm$ 0.142 χ^2 /NDF: 688604.3/6

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 379.627+/-0.243 χ^2/NDF : 1184.5/1

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

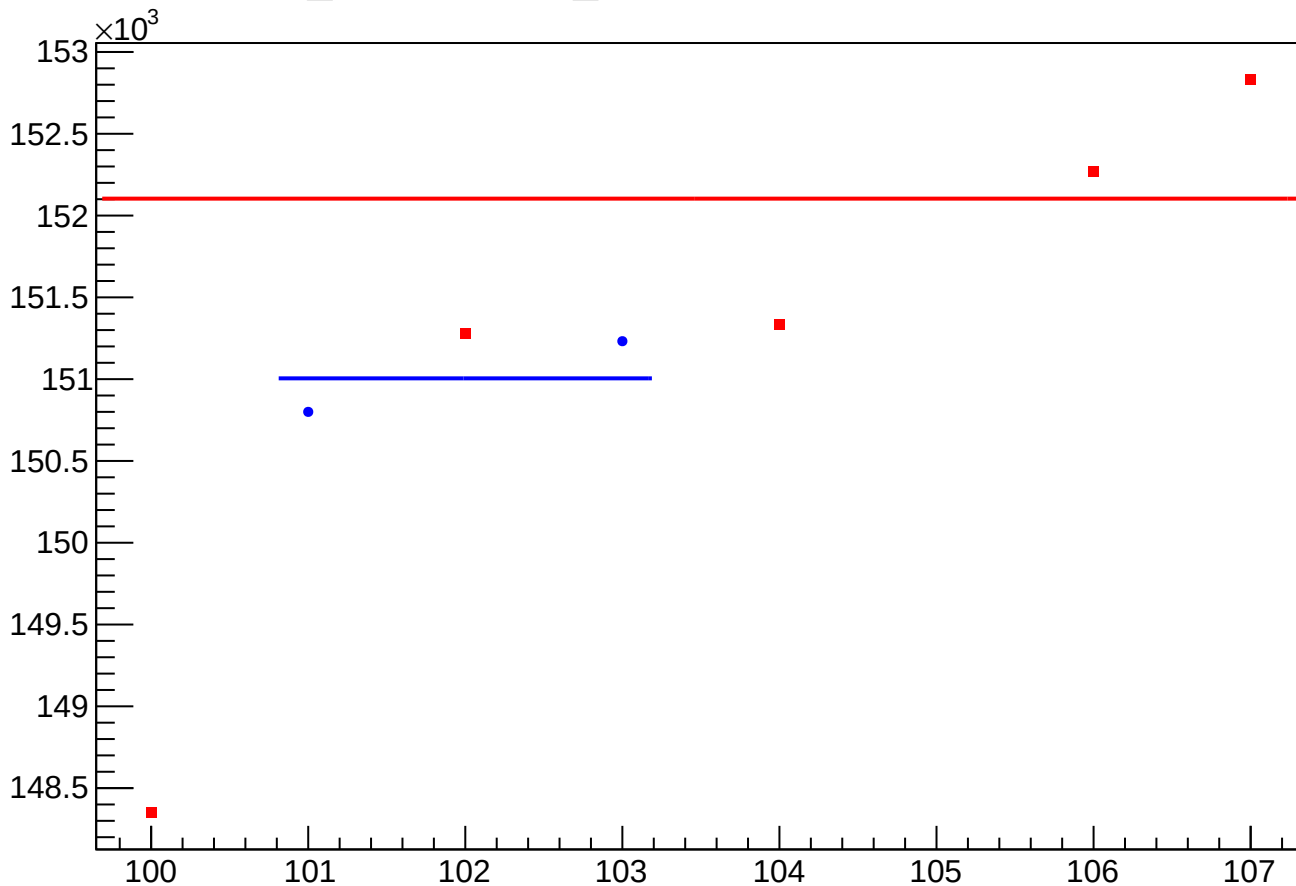
Right: 212.701+/-0.100 χ^2/NDF : 1551953.7/6

In: 379.627+/-0.243 χ^2/NDF : 1184.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 212.701+/-0.100 χ^2/NDF : 1551953.7/6

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 151004.917 $\pm$ 0.337 χ^2 /NDF: 408686.8/1

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

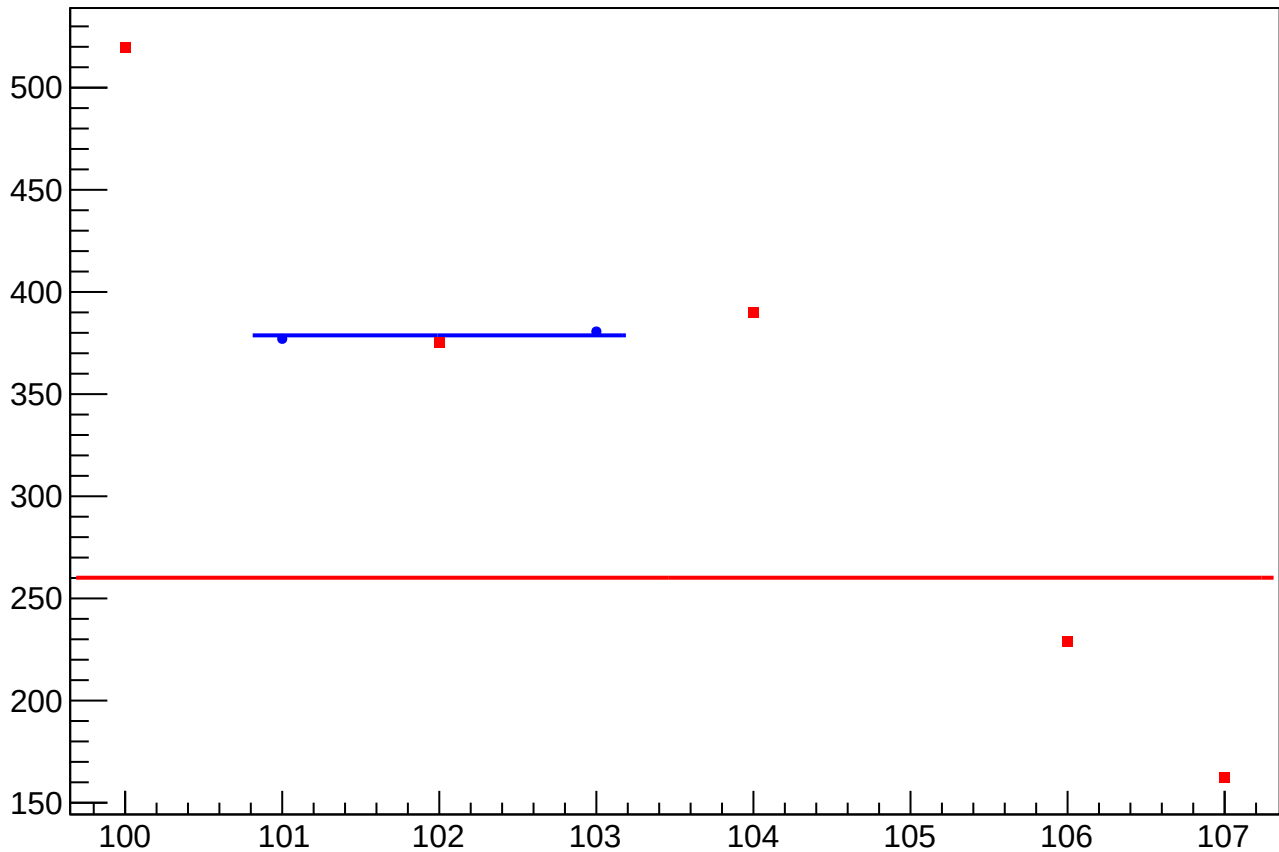
Right: 151792.982 $\pm$ 0.179 χ^2 /NDF: 21845481.0/6

In: 151004.917 $\pm$ 0.337 χ^2 /NDF: 408686.8/1

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

All: 151792.982 $\pm$ 0.179 χ^2 /NDF: 21845481.0/6

yield_bpm0i07WS_rms vs Slug, Sign Corrected



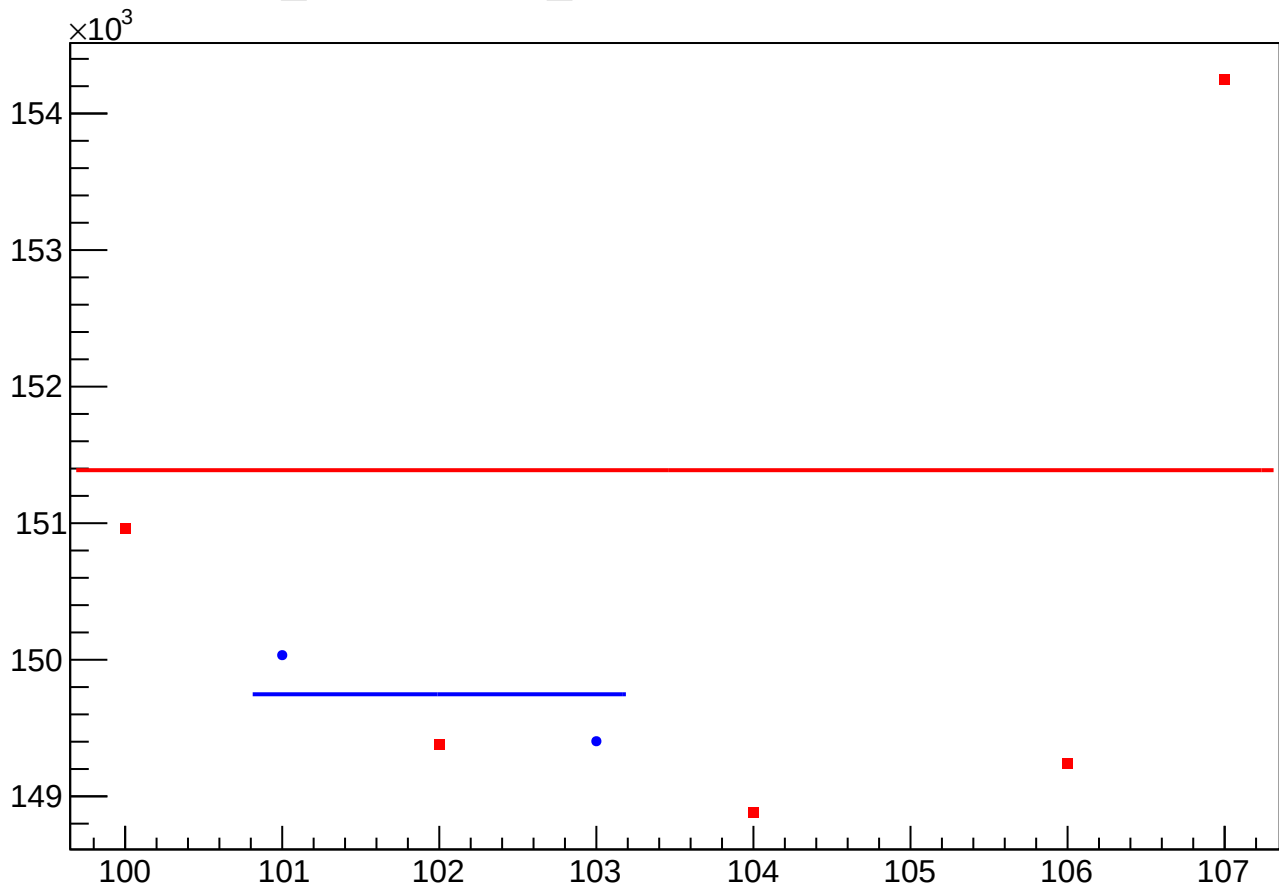
Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
Right: 293.669 +/- 0.127 χ^2/NDF : 633374.8/6

Right In: 378.765 +/- 0.239 χ^2/NDF : 56.4/1
Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
Right Out: 260.140 +/- 0.150 χ^2/NDF : 456015.5/4
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

In: 378.765 +/- 0.239 χ^2/NDF : 56.4/1
Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

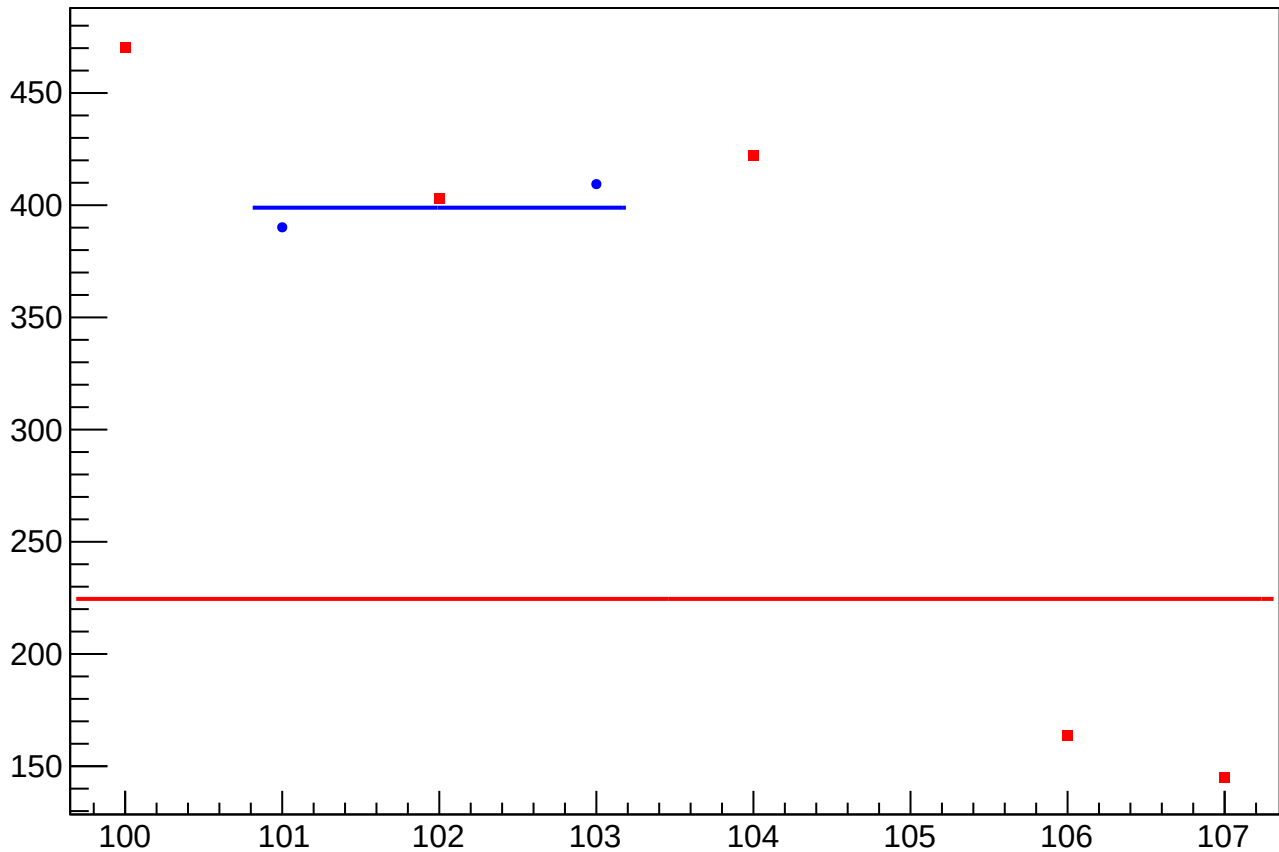
All: 293.669 +/- 0.127 χ^2/NDF : 633374.8/6

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 149747.307 $\pm$ 0.356 χ^2 /NDF: 778570.6/1
 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: 151008.071 $\pm$ 0.171 χ^2 /NDF: 179234531.1/6
 In: 149747.307 $\pm$ 0.356 χ^2 /NDF:778570.6/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 151008.071 $\pm$ 0.171 χ^2 /NDF: 179234531

yield_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 398.901 $\pm$ 0.252 χ^2 /NDF: 1453.1/1

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

Right Out: 224.553 $\pm$ 0.138 χ^2 /NDF: 719836.3/4

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

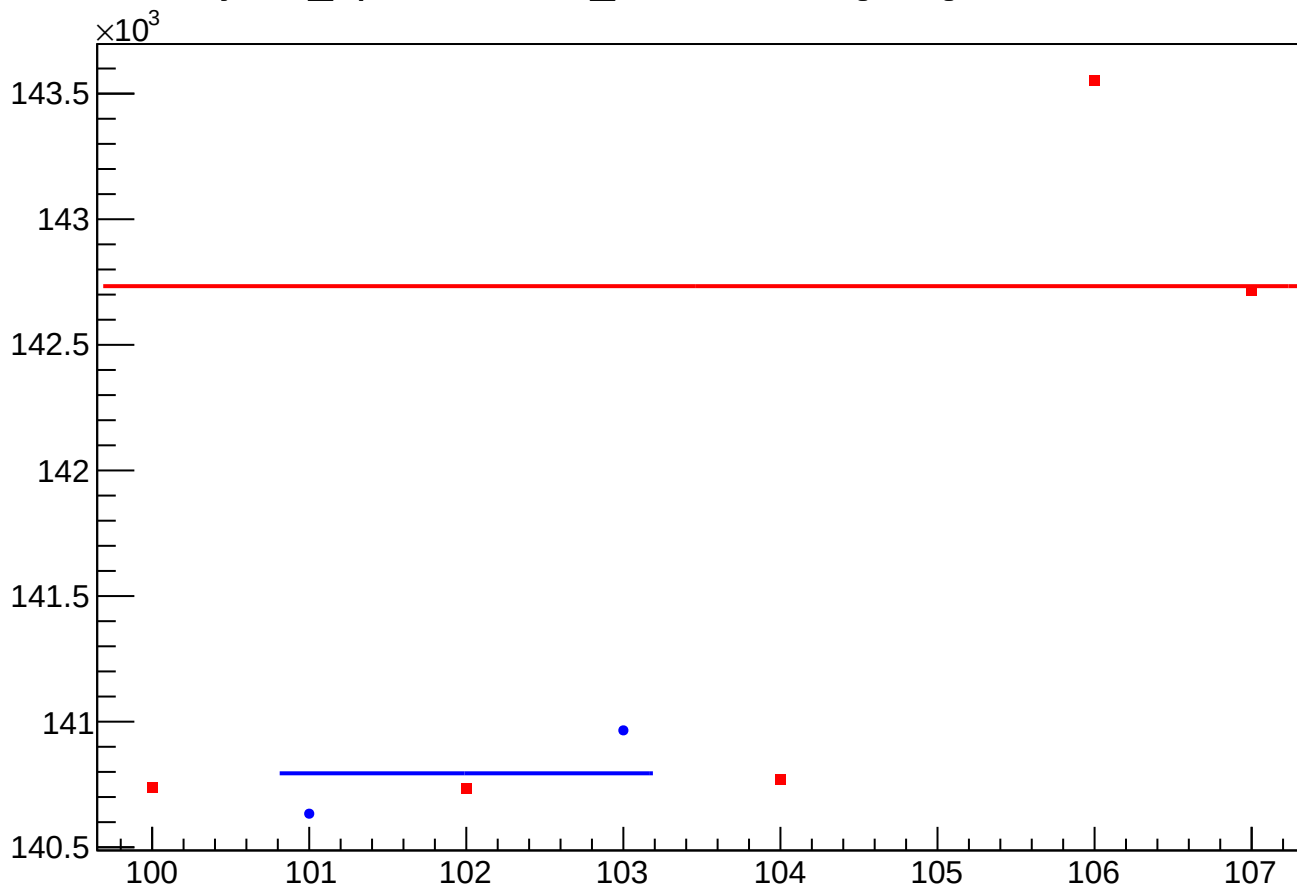
Right: 264.943 $\pm$ 0.121 χ^2 /NDF: 1090503.7/6

In: 398.901 $\pm$ 0.252 χ^2 /NDF:1453.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 264.943 $\pm$ 0.121 χ^2 /NDF: 1090503.7/6

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 140794.426 $\pm$ 0.320 χ^2 /NDF: 268100.7/1

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

Right Out: 142733.638 $\pm$ 0.146 χ^2 /NDF: 46205022.2/4

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

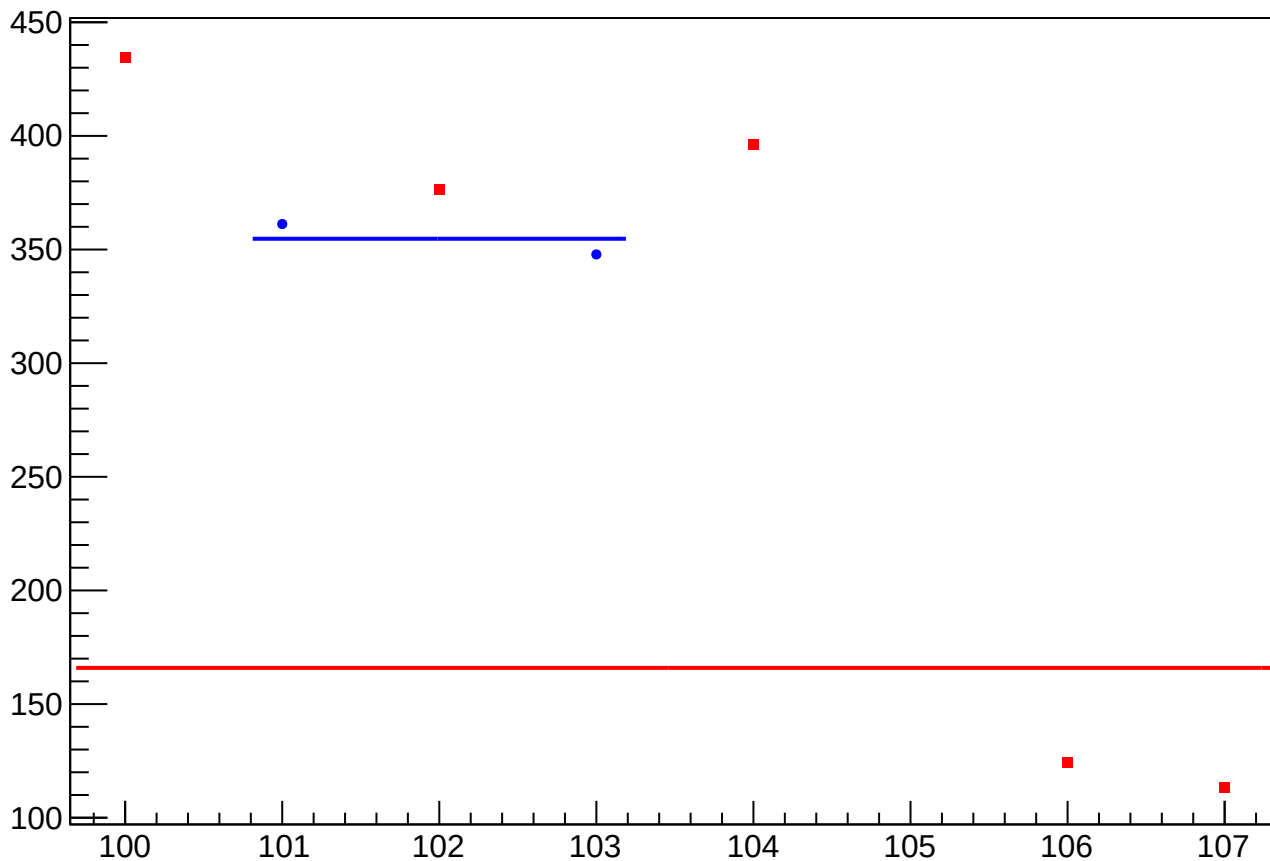
Right: 142401.566 $\pm$ 0.132 χ^2 /NDF: 76882117.1/6

In: 140794.426 $\pm$ 0.320 χ^2 /NDF:268100.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 142401.566 $\pm$ 0.132 χ^2 /NDF: 76882117.1/6

yield_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 354.744+/-0.226 χ^2/NDF : 870.3/1

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

Right Out: 165.944+/-0.103 χ^2/NDF : 983572.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

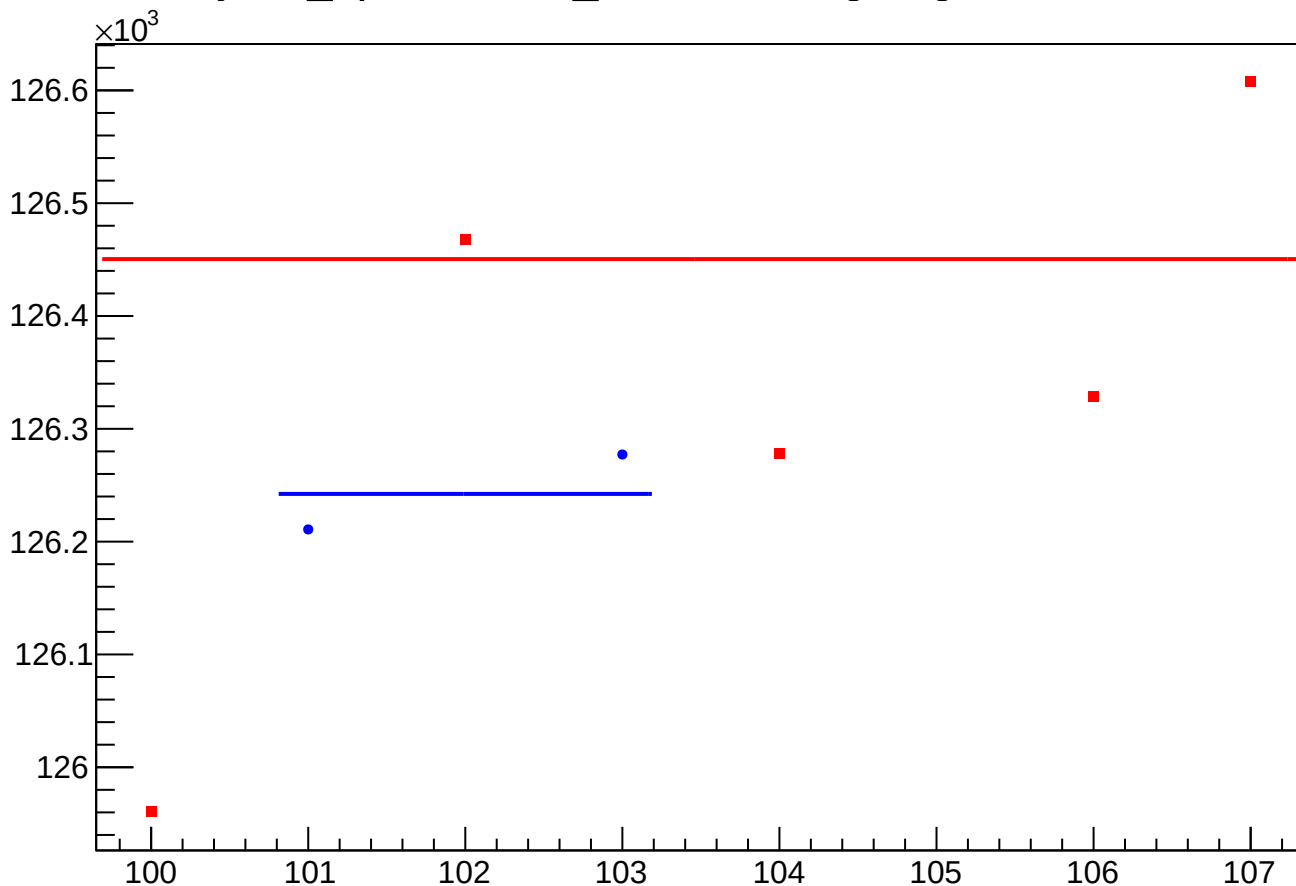
Right: 198.274+/-0.094 χ^2/NDF : 1560924.2/6

In: 354.744+/-0.226 χ^2/NDF : 870.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 198.274+/-0.094 χ^2/NDF : 1560924.2/6

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 126242.305 $\pm$ 0.273 χ^2 /NDF: 14753.9/1

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

Right Out: 126450.451 $\pm$ 0.183 χ^2 /NDF: 615080.6/4

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

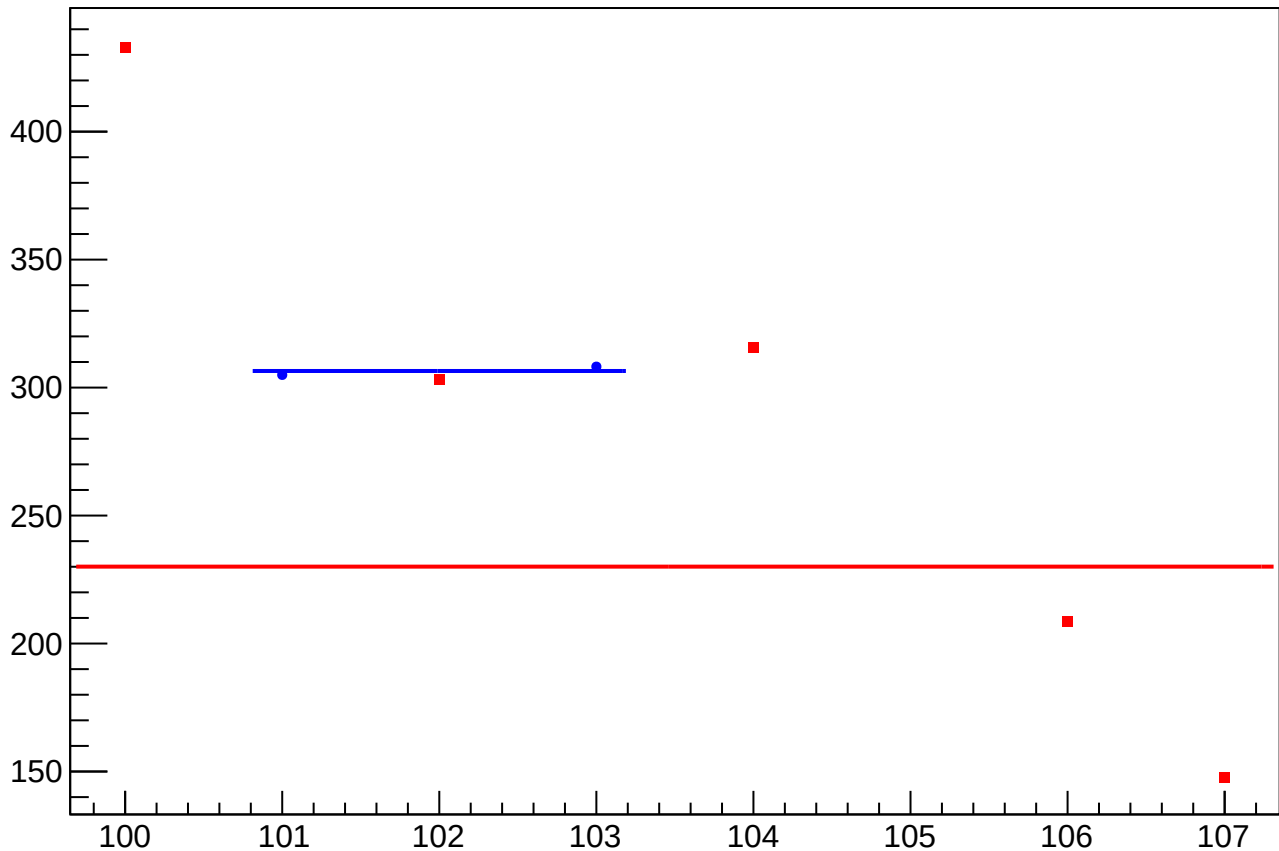
Right: 126386.040 $\pm$ 0.152 χ^2 /NDF: 1031191.9/6

In: 126242.305 $\pm$ 0.273 χ^2 /NDF:14753.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 126386.040 $\pm$ 0.152 χ^2 /NDF: 1031191.9

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 306.487+/-0.193 χ^2/NDF : 69.6/1

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

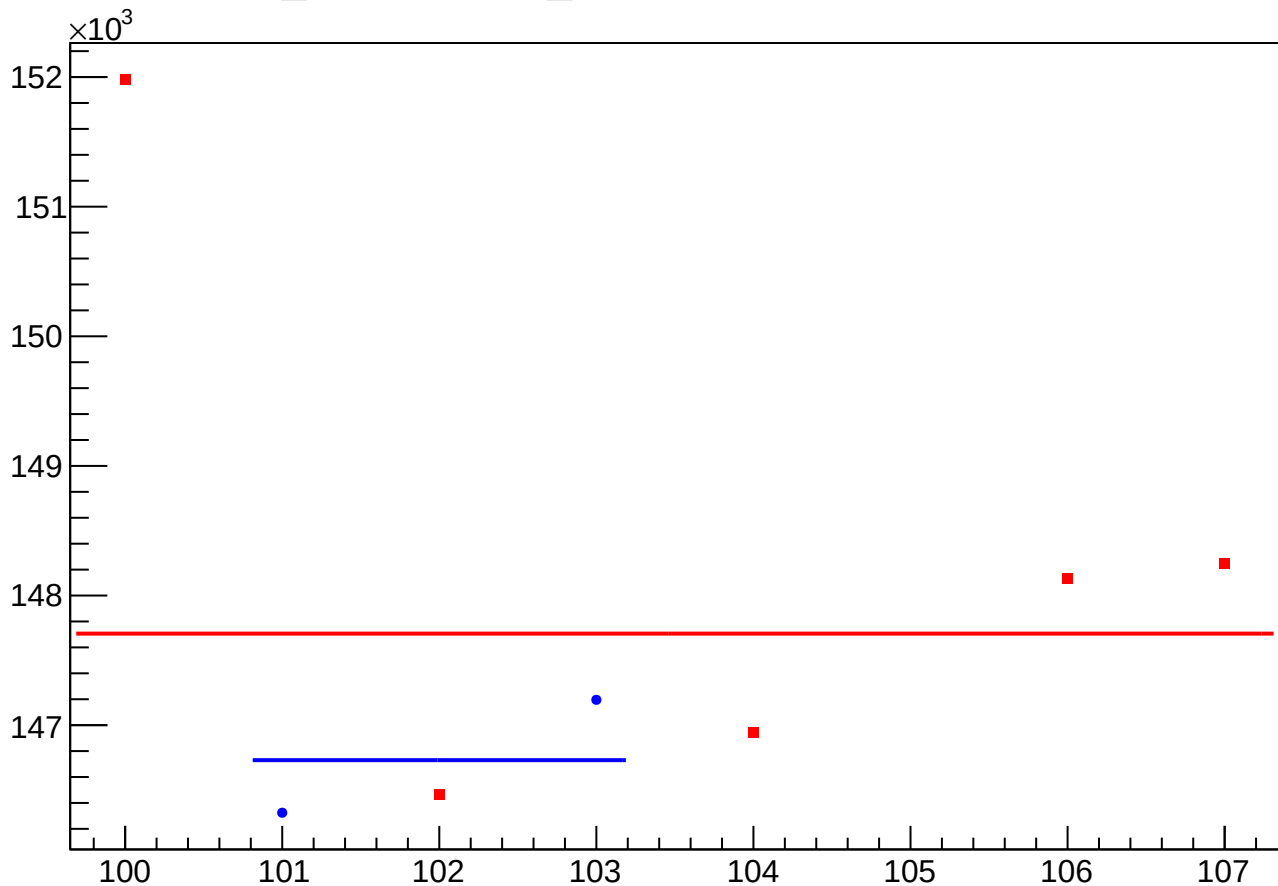
Right: 253.703+/-0.107 χ^2/NDF : 446224.8/6

In: 306.487+/-0.193 χ^2/NDF : 69.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 253.703+/-0.107 χ^2/NDF : 446224.8/6

yield_bpm0l02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 147430.534+/-0.198 χ^2 /NDF: 21499711.7/6

Right In: 146730.012+/-0.372 χ^2 /NDF: 1362462.5/1

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

Right Out: 147706.227+/-0.234 χ^2 /NDF: 15203128.3/4

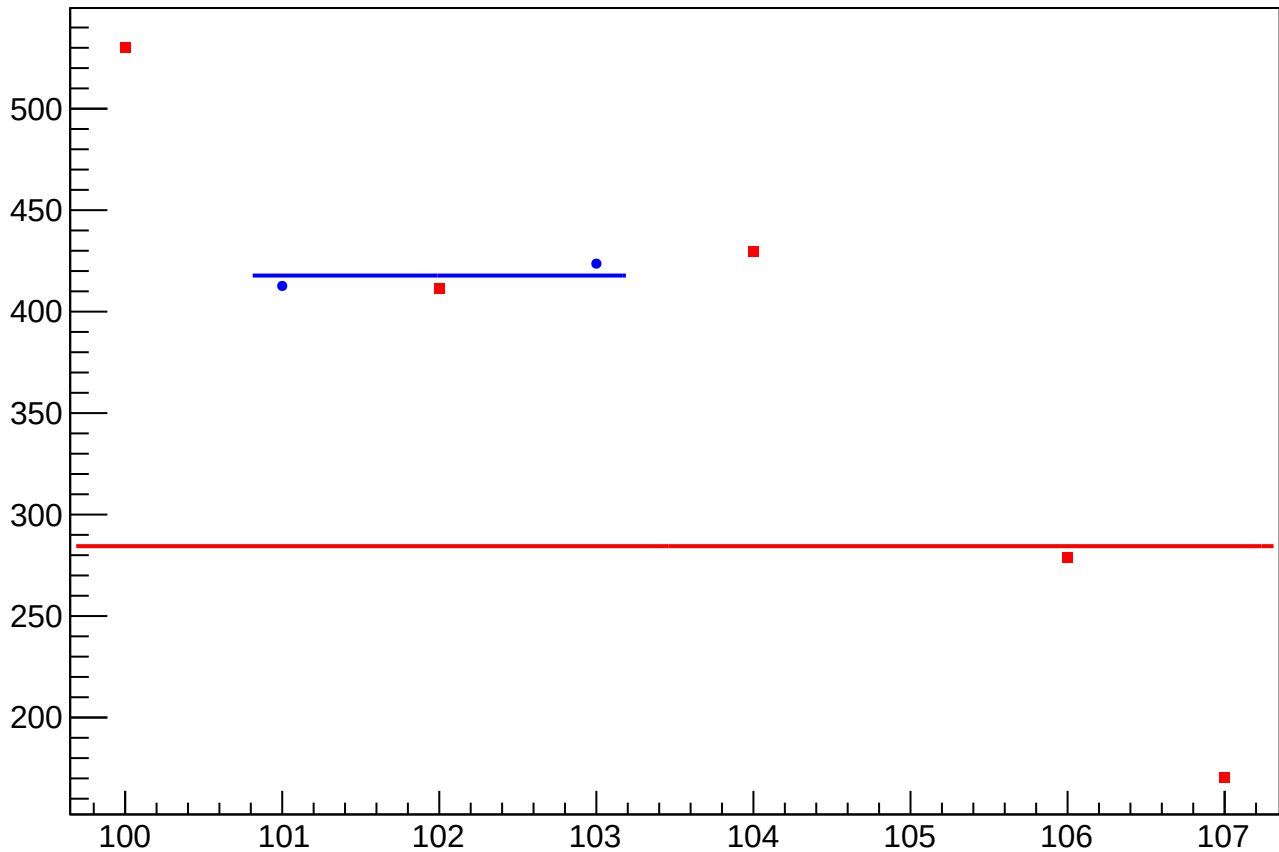
In: 146730.012+/-0.372 χ^2 /NDF: 1362462.5/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

All: 147430.534+/-0.198 χ^2 /NDF: 21499711.7/6

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 417.783+/-0.263 χ^2/NDF : 433.3/1

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

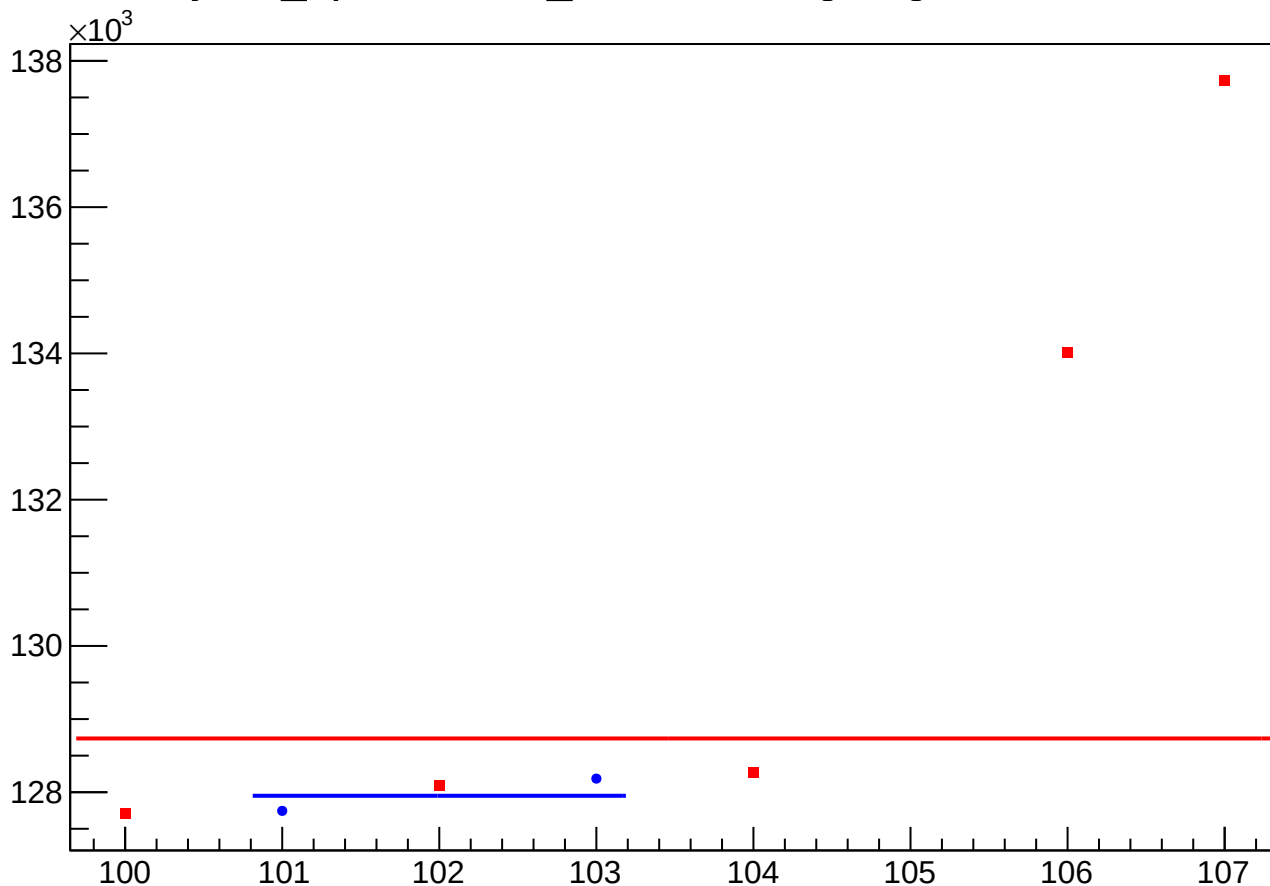
Right: 322.103+/-0.140 χ^2/NDF : 670920.6/6

In: 417.783+/-0.263 χ^2/NDF : 433.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

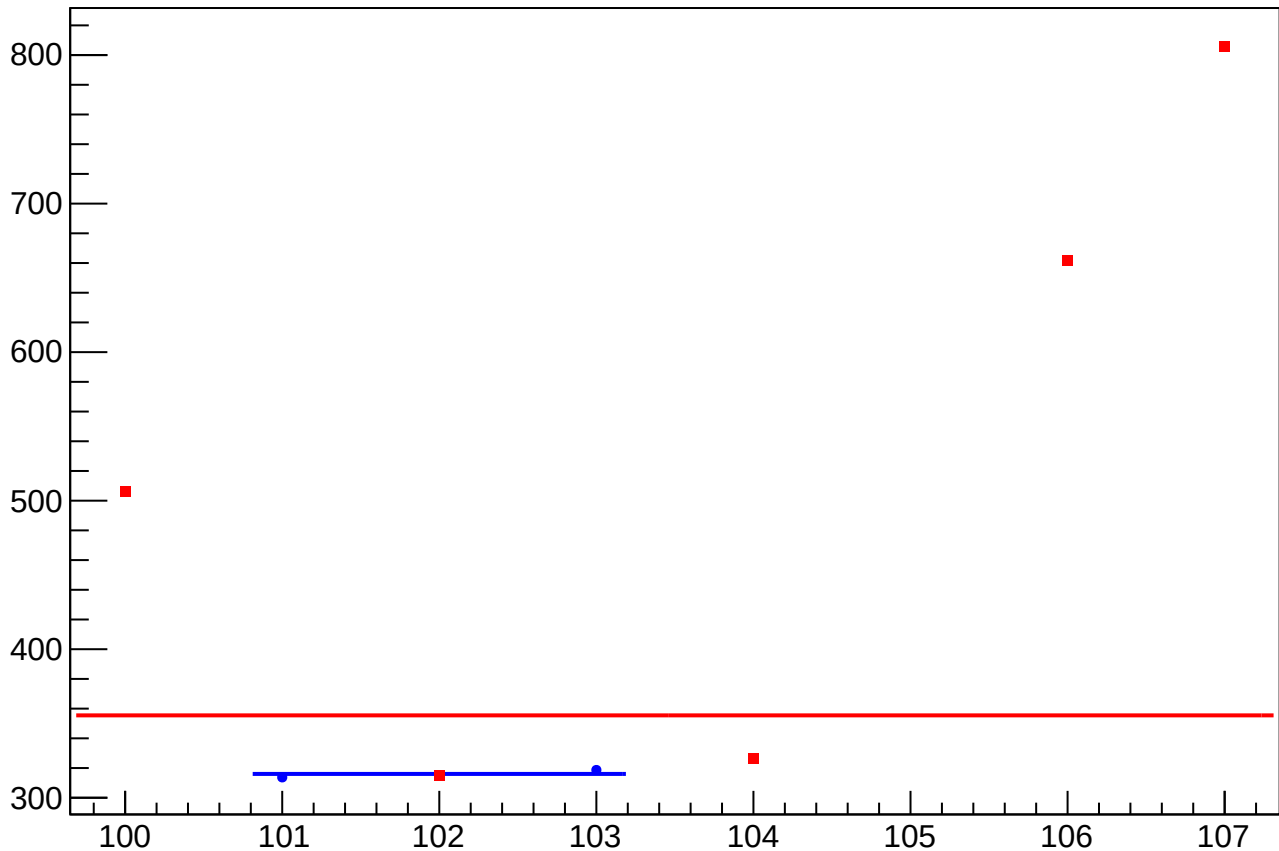
All: 322.103+/-0.140 χ^2/NDF : 670920.6/6

yield_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: 127951.390 $\pm$ 0.282 χ^2 /NDF: 607295.6/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 128734.942 $\pm$ 0.281 χ^2 /NDF: 50314917.2/4
 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: 128344.782 $\pm$ 0.199 χ^2 /NDF: 54785671.5/6
 In: 127951.390 $\pm$ 0.282 χ^2 /NDF:607295.6/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 128344.782 $\pm$ 0.199 χ^2 /NDF: 54785671.5/6

yield_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 316.035 $\pm$ 0.200 χ^2 /NDF: 155.1/1

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

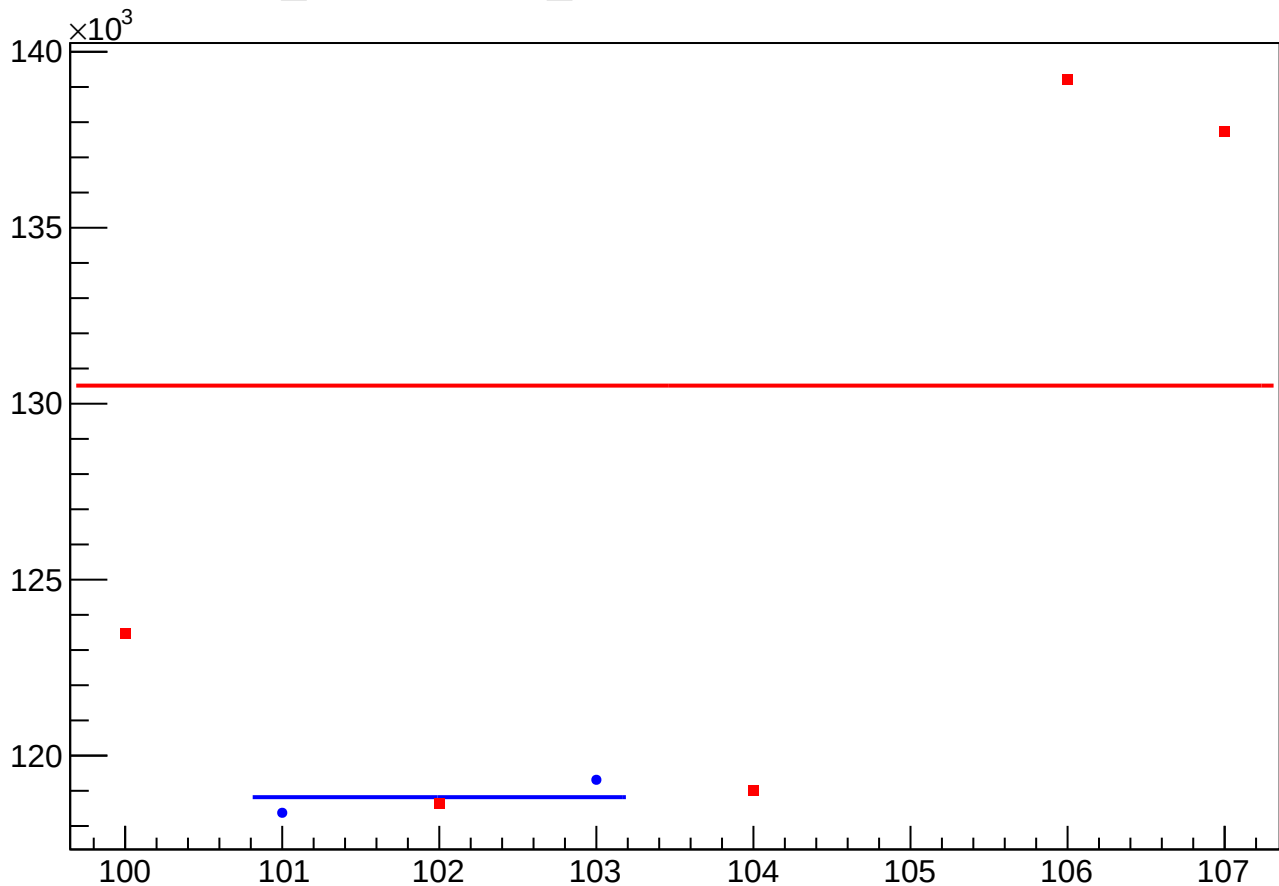
Right: 335.828 $\pm$ 0.141 χ^2 /NDF: 326613.6/6

In: 316.035 $\pm$ 0.200 χ^2 /NDF:155.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

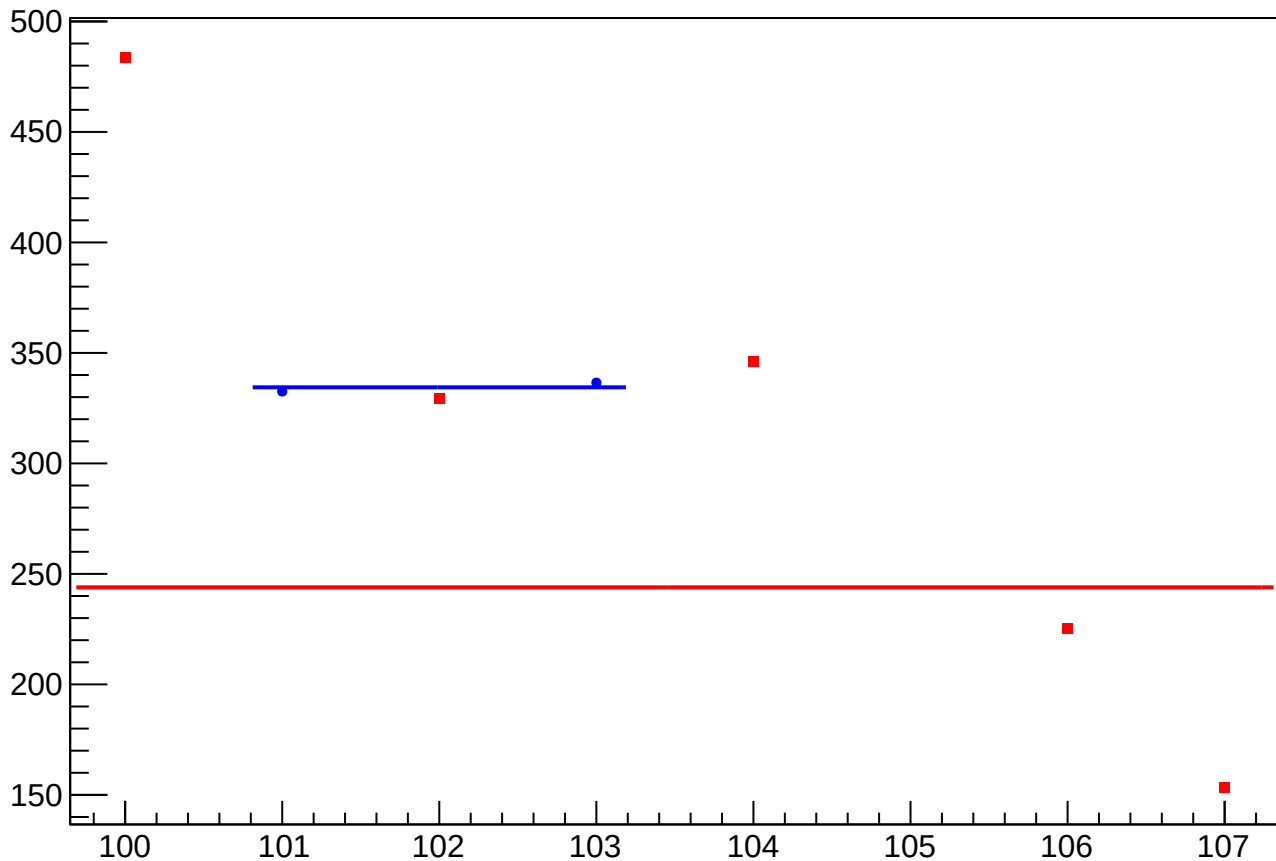
All: 335.828 $\pm$ 0.141 χ^2 /NDF: 326613.6/6

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: 118819.142 $\pm$ 0.298 χ^2 /NDF: 2470152.2/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 130514.278 $\pm$ 0.194 χ^2 /NDF: 2385893429.9/4
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 127018.908 $\pm$ 0.163 χ^2 /NDF: 3469291776.5/4
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 127018.908 $\pm$ 0.163 χ^2 /NDF: 3469291776.5/4
 In: 118819.142 $\pm$ 0.298 χ^2 /NDF: 2470152.2/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 334.435+/-0.211 χ^2/NDF : 89.6/1

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

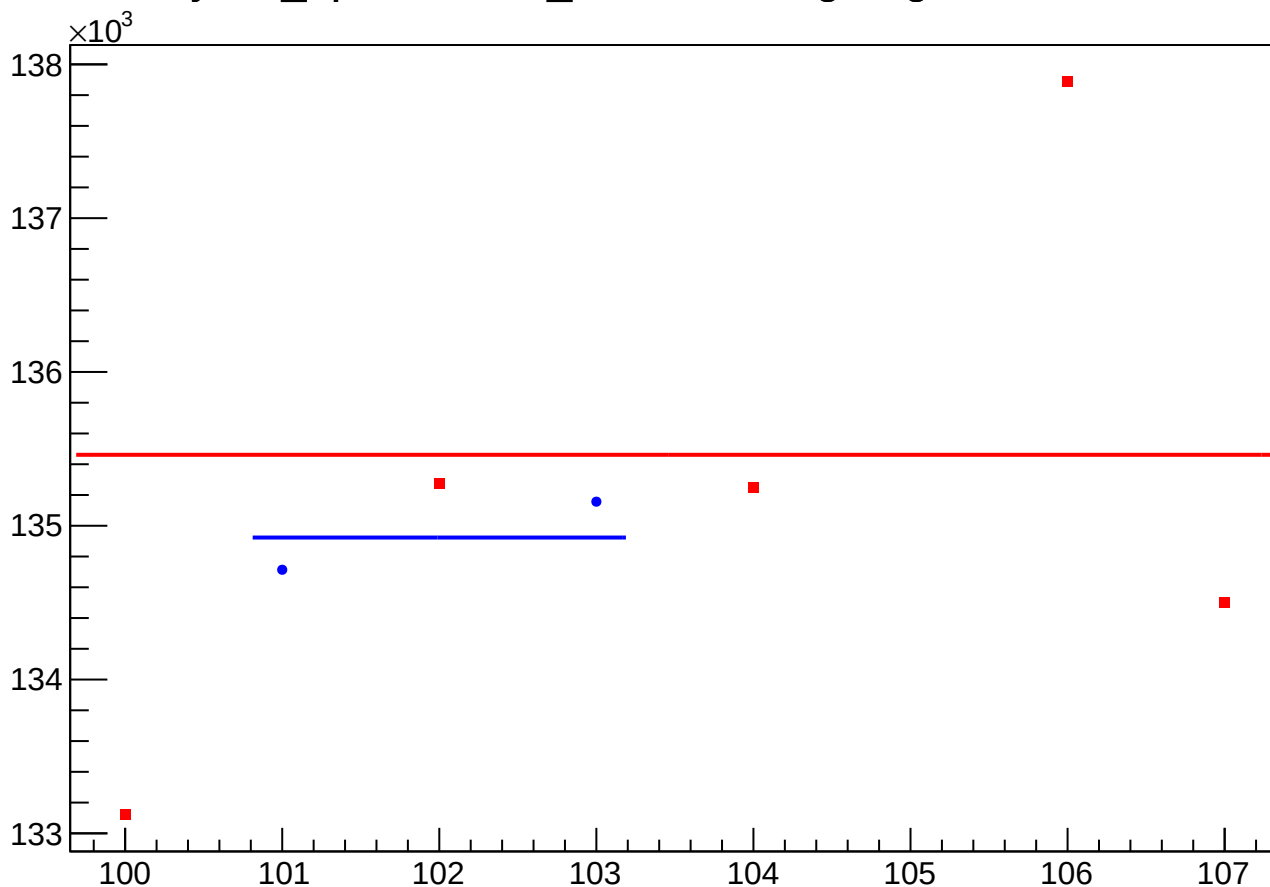
Right: 270.977+/-0.115 χ^2/NDF : 513794.8/6

In: 334.435+/-0.211 χ^2/NDF : 89.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

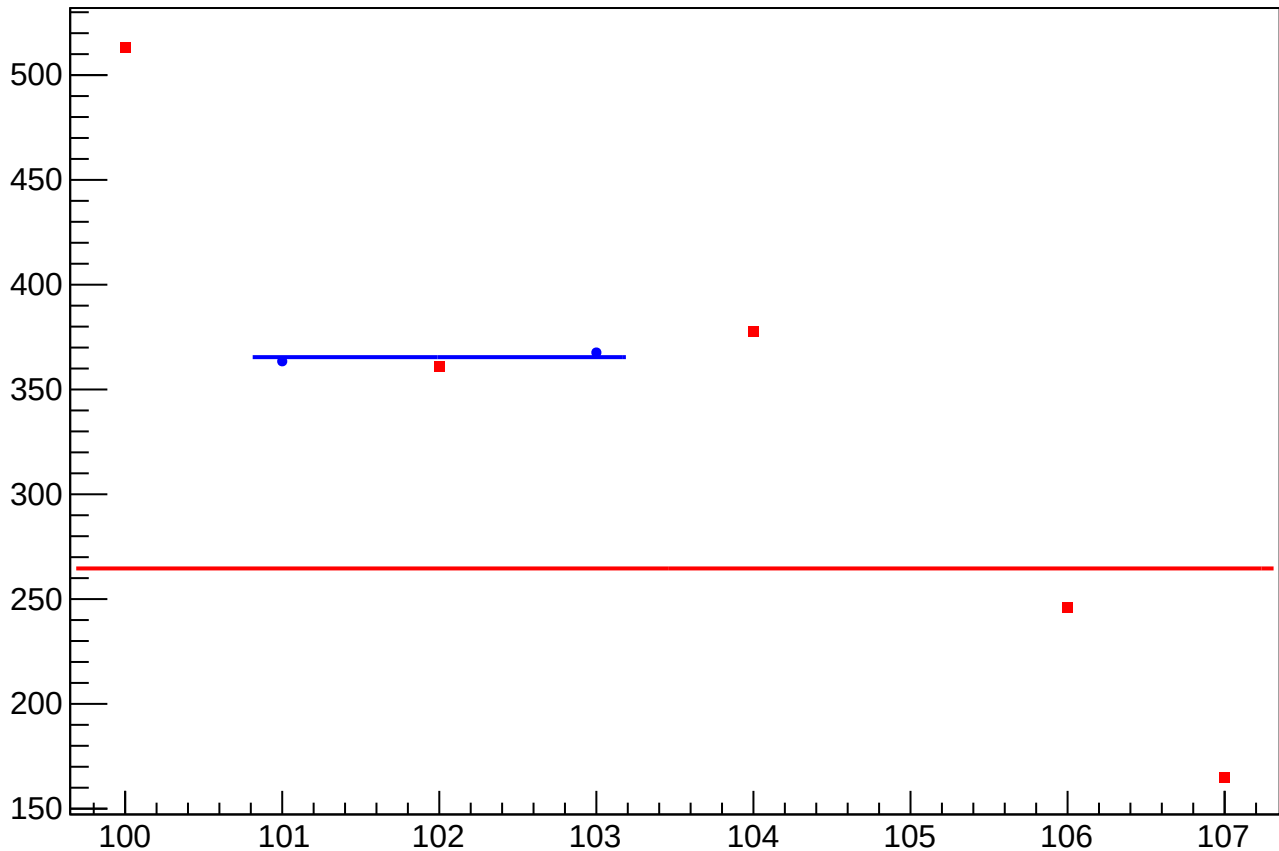
All: 270.977+/-0.115 χ^2/NDF : 513794.8/6

yield_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: 134923.414 $\pm$ 0.326 χ^2 /NDF: 460988.6/1
 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: 135300.447 $\pm$ 0.178 χ^2 /NDF: 38455596.8/6
 In: 134923.414 $\pm$ 0.326 χ^2 /NDF:460988.6/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 135300.447 $\pm$ 0.178 χ^2 /NDF: 38455596.8/6

yield_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 365.434 $\pm$ 0.230 χ^2 /NDF: 82.9/1

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

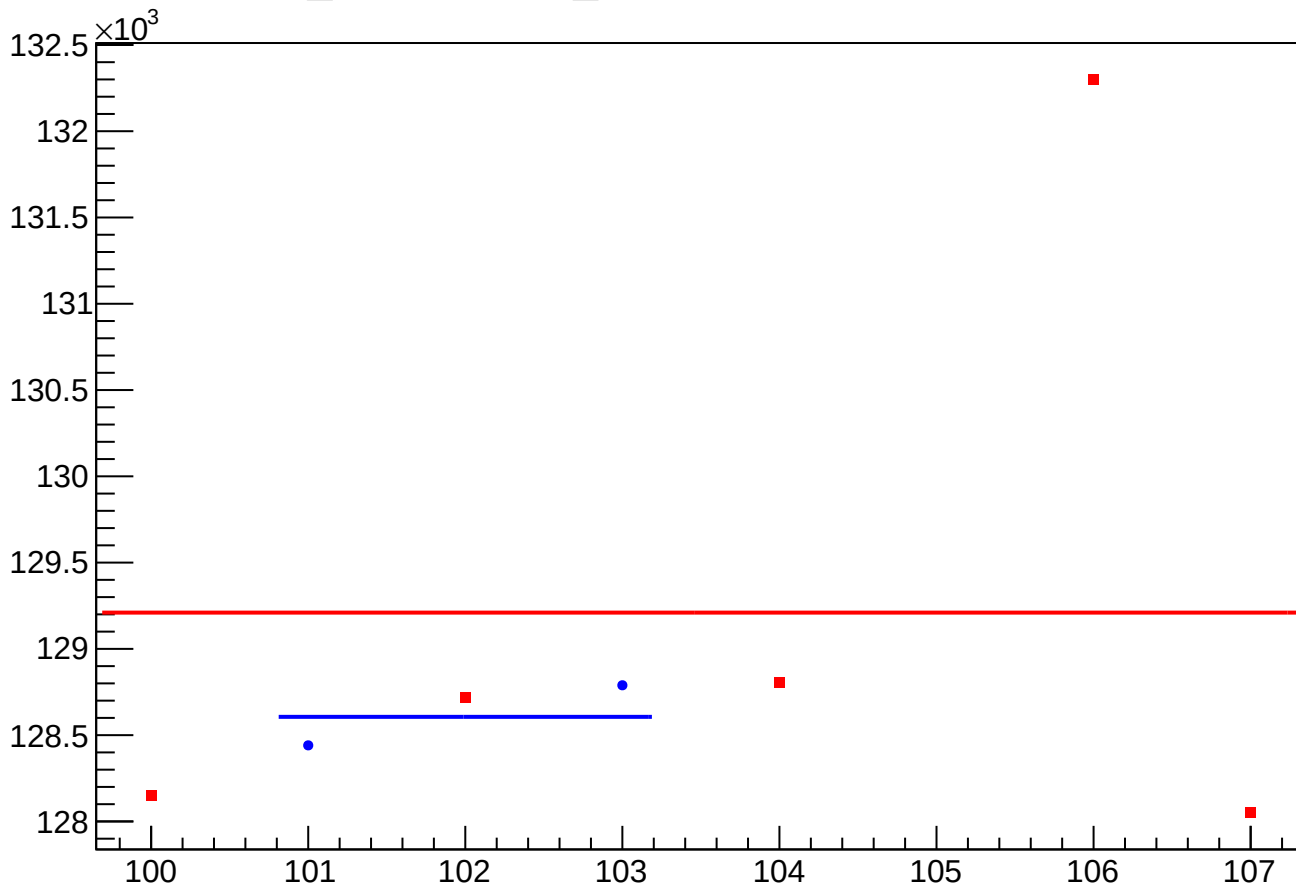
Right: 294.774 $\pm$ 0.126 χ^2 /NDF: 531222.9/6

In: 365.434 $\pm$ 0.230 χ^2 /NDF: 82.9/1

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

All: 294.774 $\pm$ 0.126 χ^2 /NDF: 531222.9/6

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: 128606.112 $\pm$ 0.312 χ^2 /NDF: 311069.7/1

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

Right Out: 129210.201 $\pm$ 0.190 χ^2 /NDF: 75215822.9/4

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

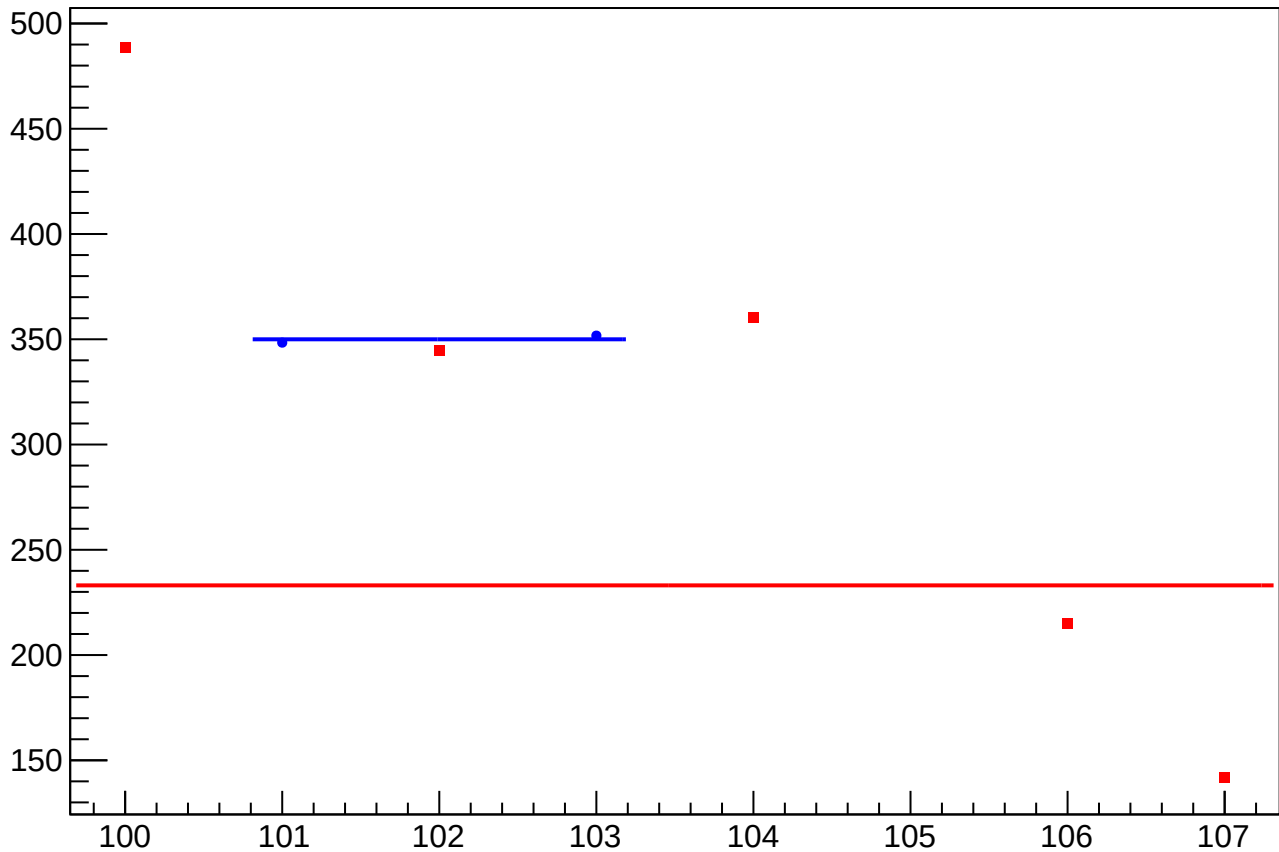
Right: 129046.170 $\pm$ 0.162 χ^2 /NDF: 78262506.0/6

In: 128606.112 $\pm$ 0.312 χ^2 /NDF:311069.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 129046.170 $\pm$ 0.162 χ^2 /NDF: 78262506.0/6

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 349.981+/-0.220 χ^2/NDF : 56.9/1

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

Right Out: 233.096+/-0.135 χ^2/NDF : 506475.1/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

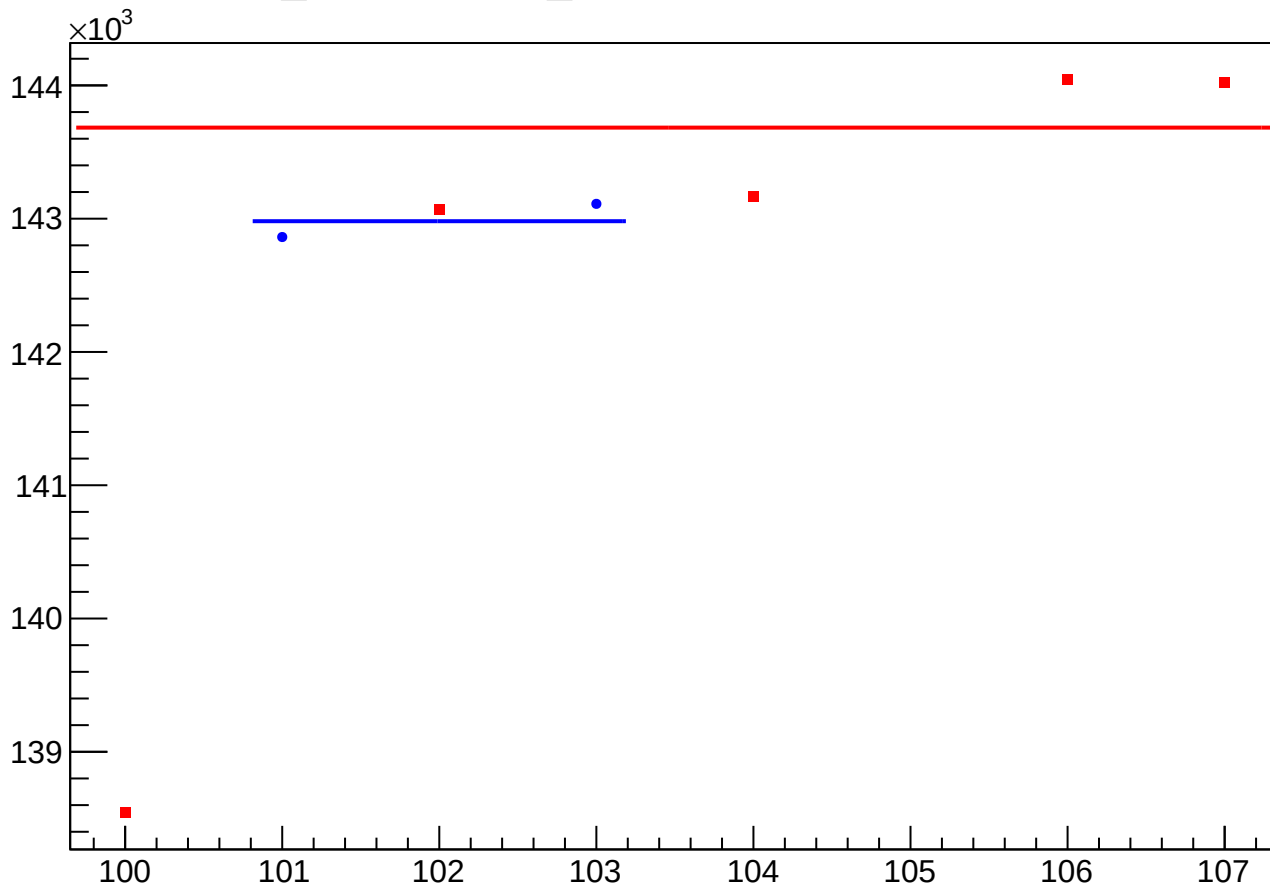
Right: 264.834+/-0.115 χ^2/NDF : 711366.5/6

In: 349.981+/-0.220 χ^2/NDF : 56.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 264.834+/-0.115 χ^2/NDF : 711366.5/6

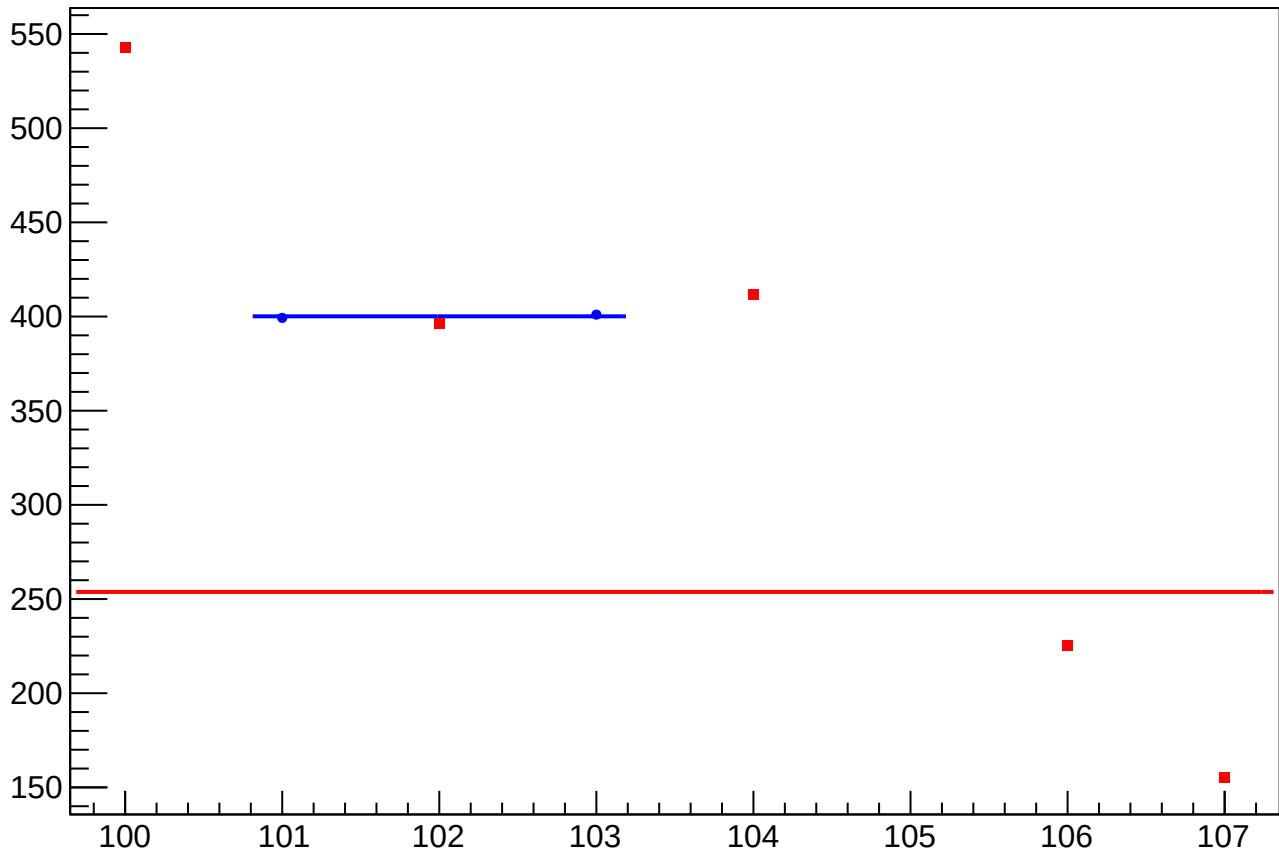
yield_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: 142981.134 $\pm$ 0.356 χ^2 /NDF: 121747.7/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 143683.263 $\pm$ 0.208 χ^2 /NDF: 10727945.2/4
 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: 143504.502 $\pm$ 0.180 χ^2 /NDF: 13742709.8/6
 In: 142981.134 $\pm$ 0.356 χ^2 /NDF:121747.7/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 143504.502 $\pm$ 0.180 χ^2 /NDF: 13742709.8/6

yield_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 400.104 ± 0.252 χ^2/NDF : 11.5/1

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

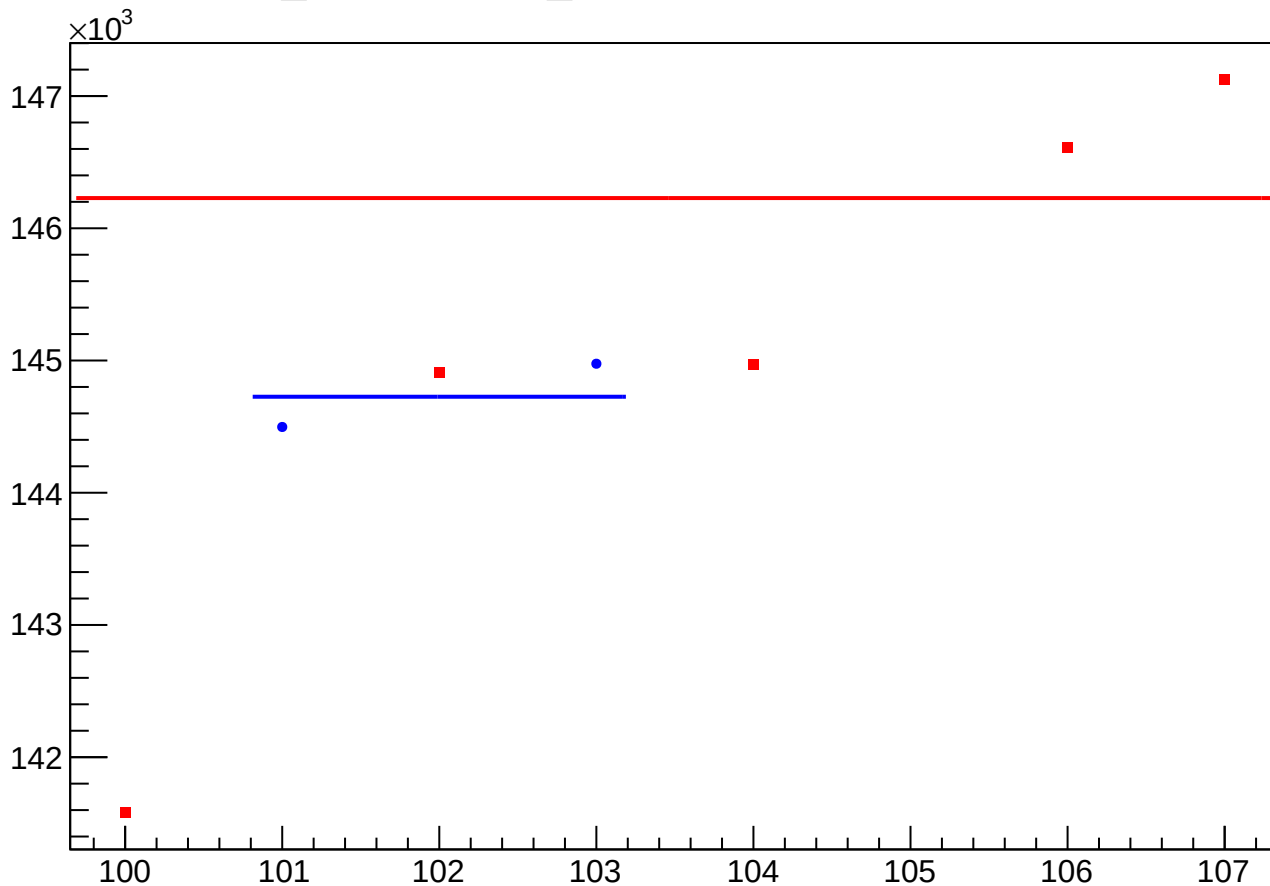
Right: 291.030 ± 0.127 χ^2/NDF : 814132.1/6

In: 400.104 ± 0.252 χ^2/NDF : 11.5/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

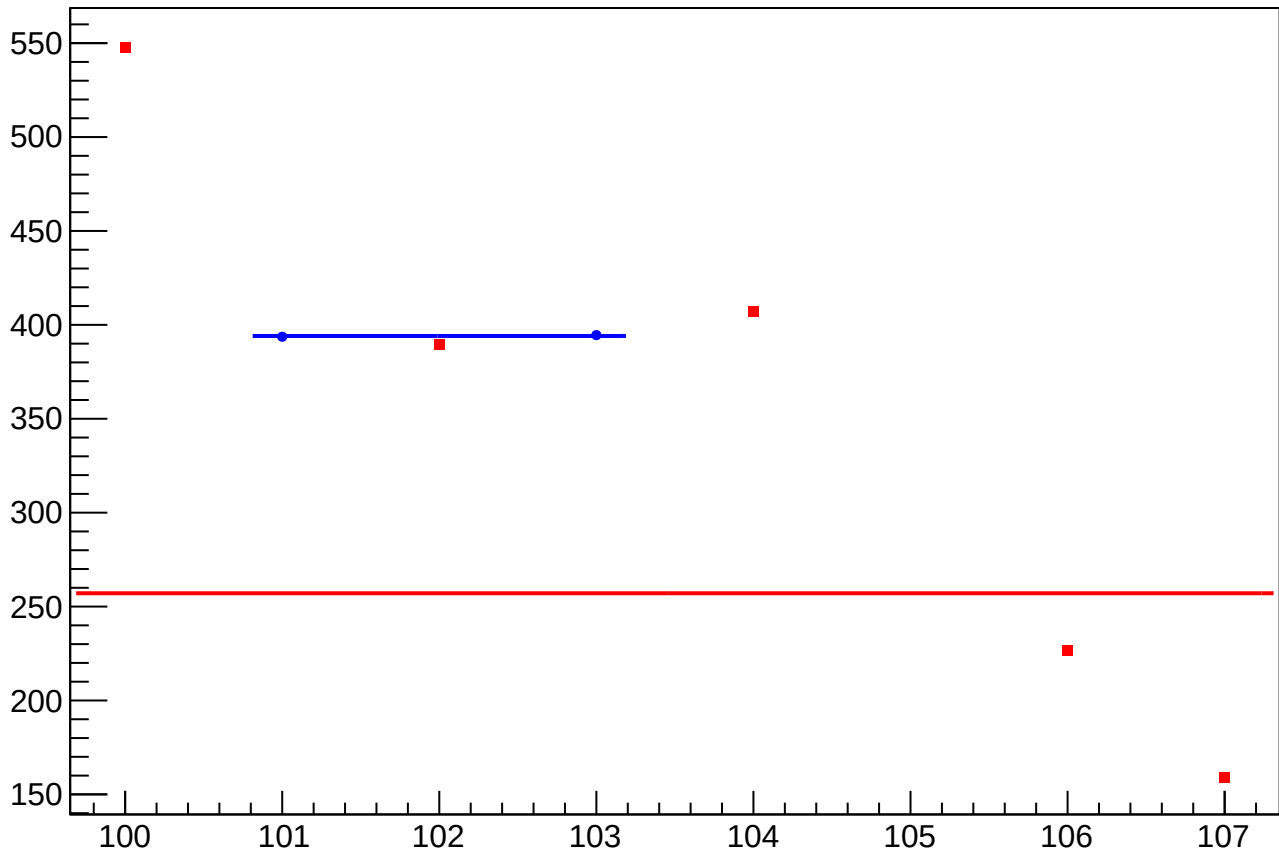
All: 291.030 ± 0.127 χ^2/NDF : 814132.1/6

yield_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: 144726.044 $\pm$ 0.351 χ^2 /NDF: 463254.8/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 146228.521 $\pm$ 0.209 χ^2 /NDF: 25995060.9/4
 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: 145834.828 $\pm$ 0.180 χ^2 /NDF: 39978313.1/6
 In: 144726.044 $\pm$ 0.351 χ^2 /NDF: 463254.8/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 145834.828 $\pm$ 0.180 χ^2 /NDF: 39978313.1/6

yield_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 394.080 $\pm$ 0.248 χ^2 /NDF: 3.0/1

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

Right Out: 257.093 $\pm$ 0.148 χ^2 /NDF: 524523.5/4

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

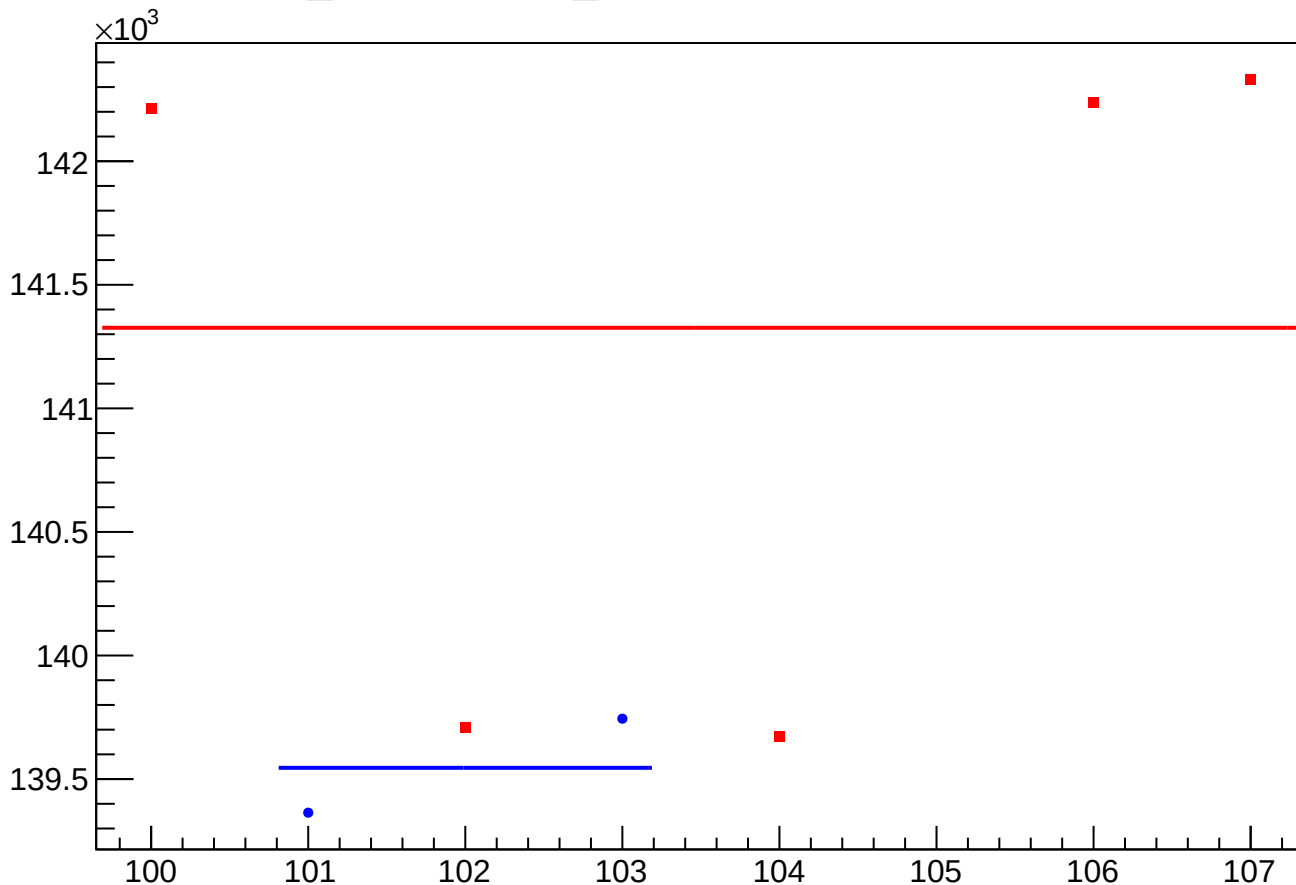
Right: 292.988 $\pm$ 0.127 χ^2 /NDF: 749301.0/6

In: 394.080 $\pm$ 0.248 χ^2 /NDF:3.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 292.988 $\pm$ 0.127 χ^2 /NDF: 749301.0/6

yield_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 139545.640 $\pm$ 0.350 χ^2 /NDF: 294104.9/1

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

Right Out: 141326.209 $\pm$ 0.224 χ^2 /NDF: 31692171.8/4

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

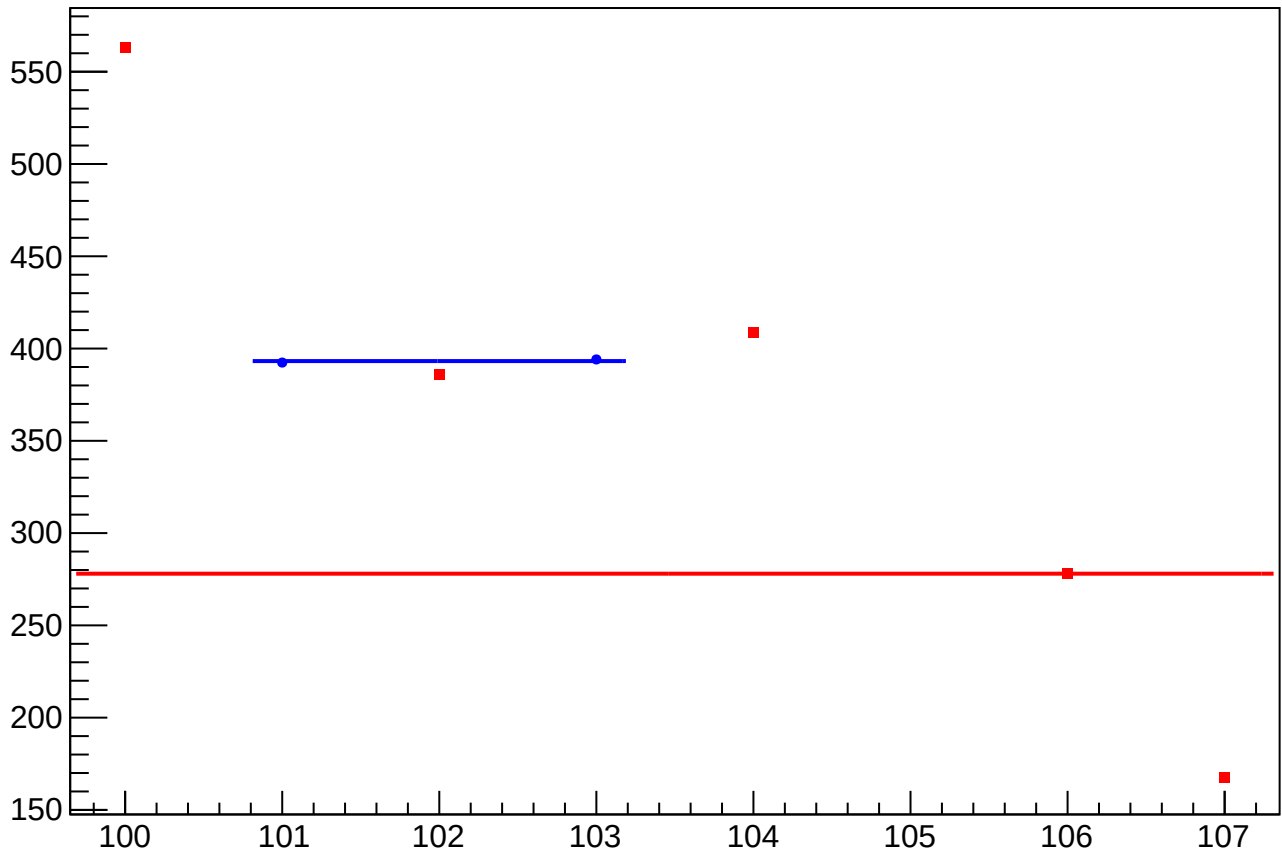
Right: 140809.271 $\pm$ 0.189 χ^2 /NDF: 50322014.6/6

In: 139545.640 $\pm$ 0.350 χ^2 /NDF: 294104.9/1

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

All: 140809.271 $\pm$ 0.189 χ^2 /NDF: 50322014.6/6

yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 393.210+/-0.248 χ^2/NDF : 11.6/1

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

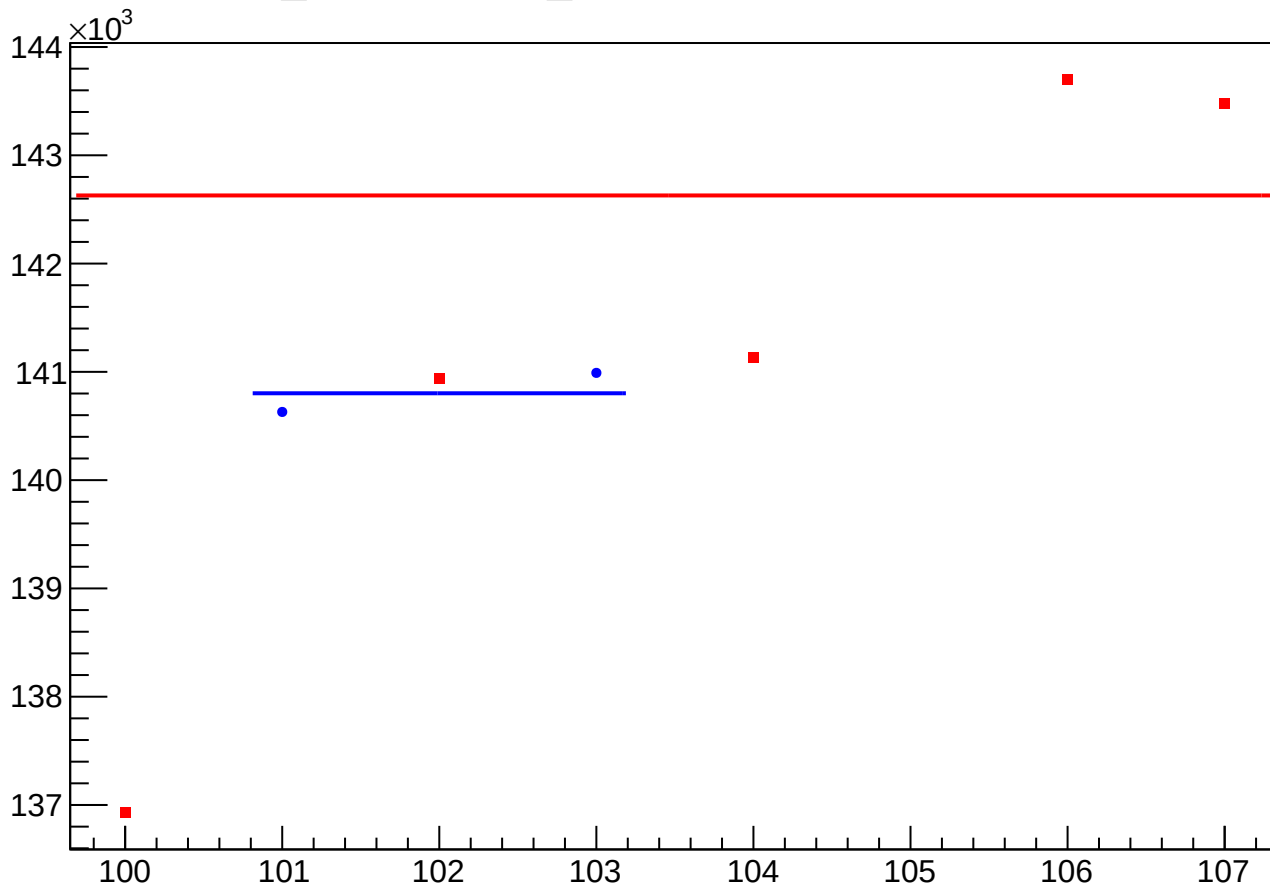
Right: 311.452+/-0.133 χ^2/NDF : 605339.4/6

In: 393.210+/-0.248 χ^2/NDF : 11.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

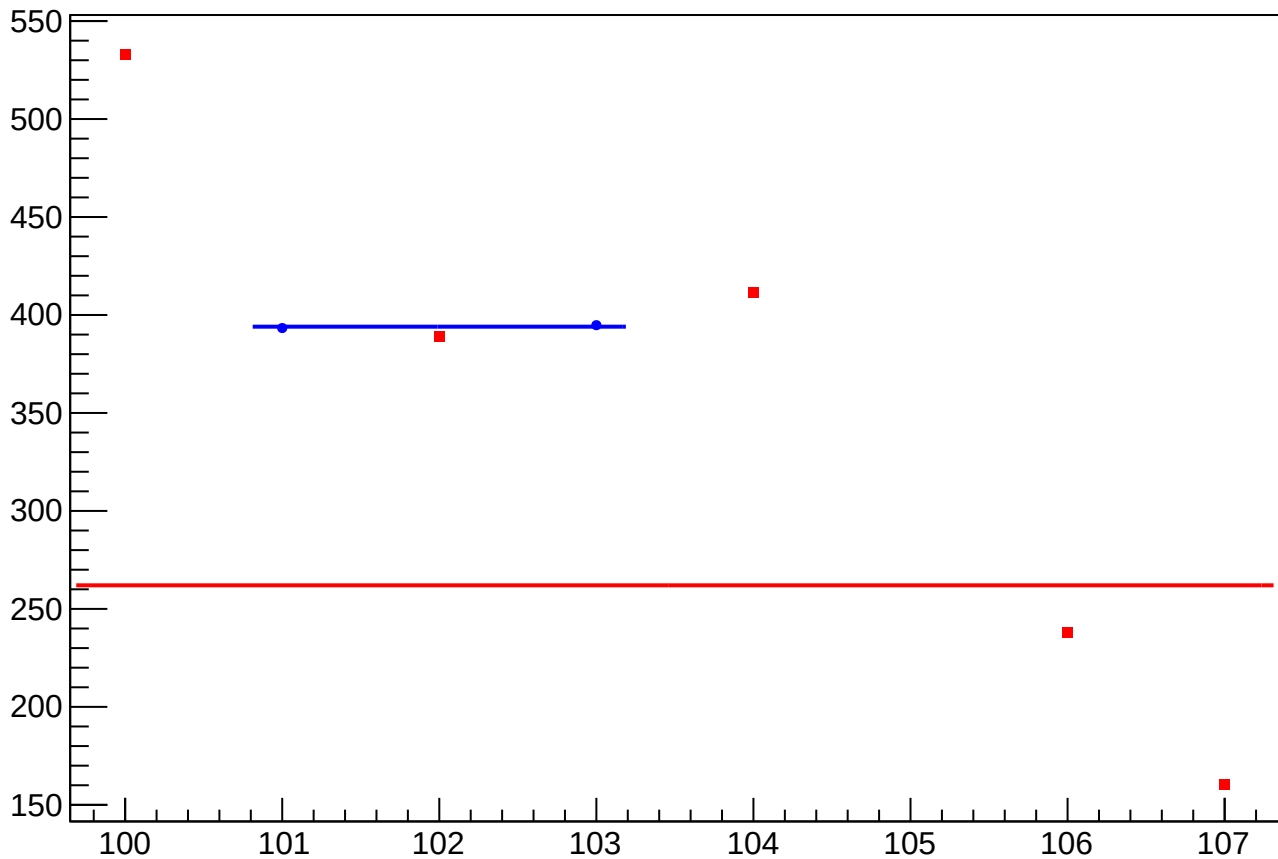
All: 311.452+/-0.133 χ^2/NDF : 605339.4/6

yield_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: 140802.212 $\pm$ 0.351 χ^2 /NDF: 263613.8/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 142629.161 $\pm$ 0.214 χ^2 /NDF: 39707995.8/4
 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: 142134.604 $\pm$ 0.183 χ^2 /NDF: 59728941.8/6
 In: 140802.212 $\pm$ 0.351 χ^2 /NDF:263613.8/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 142134.604 $\pm$ 0.183 χ^2 /NDF: 59728941.8/6

yield_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 394.033+/-0.248 χ^2/NDF : 8.7/1

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

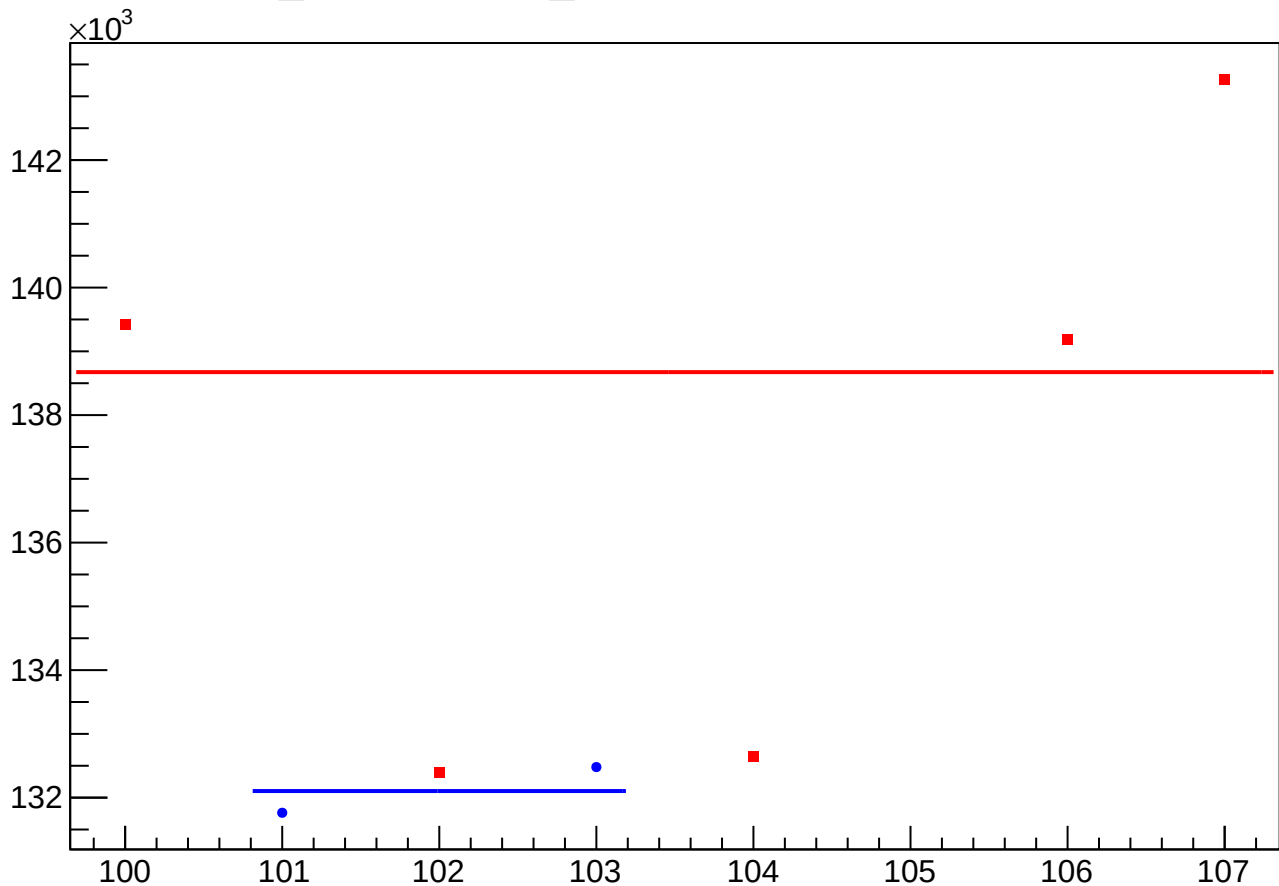
Right: 297.771+/-0.129 χ^2/NDF : 715096.1/6

In: 394.033+/-0.248 χ^2/NDF : 8.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 297.771+/-0.129 χ^2/NDF : 715096.1/6

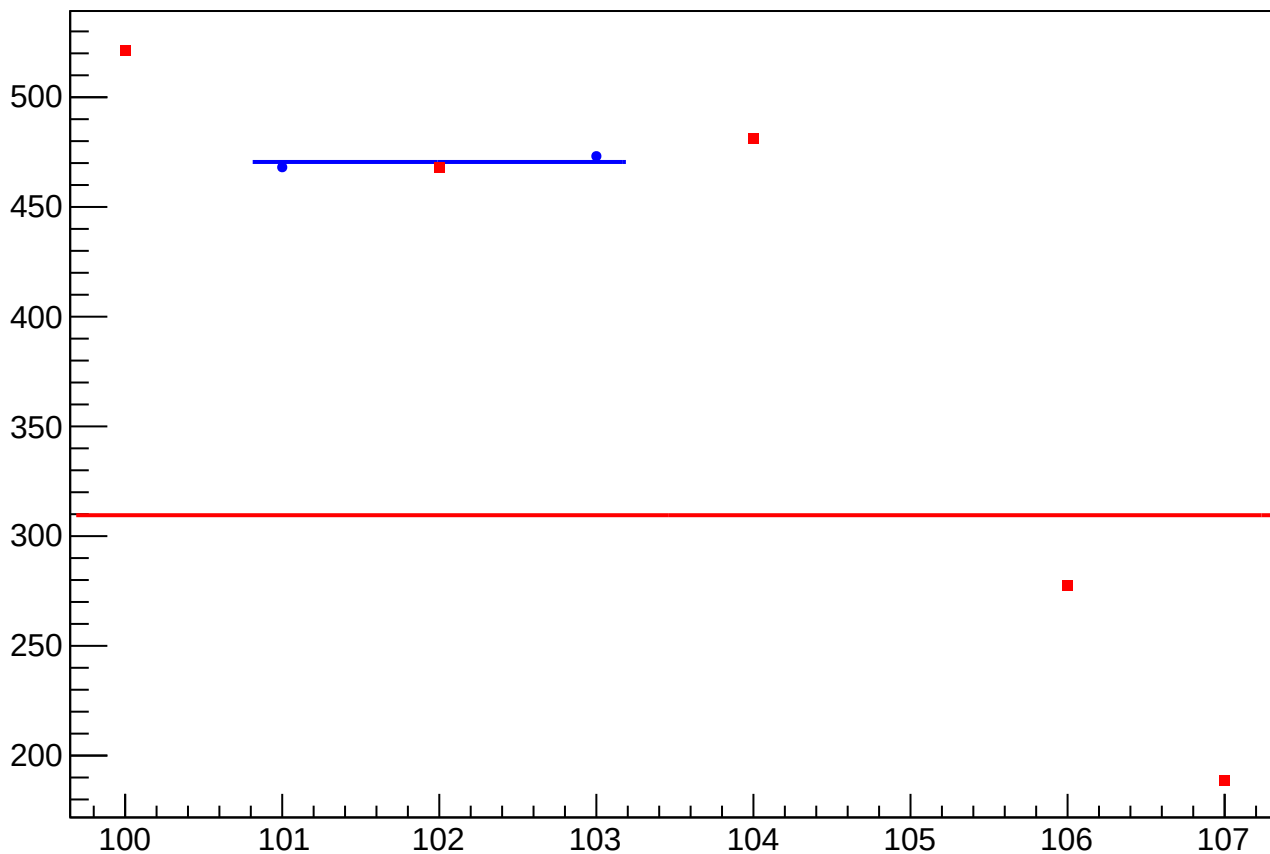
yield_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: 132103.559 $\pm$ 0.420 χ^2 /NDF: 726812.8/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 138674.005 $\pm$ 0.254 χ^2 /NDF: 331422835.5/4
 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: 136913.553 $\pm$ 0.217 χ^2 /NDF: 511558257.9/6
 In: 132103.559 $\pm$ 0.420 χ^2 /NDF: 726812.8/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 136913.553 $\pm$ 0.217 χ^2 /NDF: 511558257.9/6

yield_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 470.504 $\pm$ 0.297 χ^2 /NDF: 72.1/1

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

Right Out: 309.532 $\pm$ 0.180 χ^2 /NDF: 493997.3/4

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

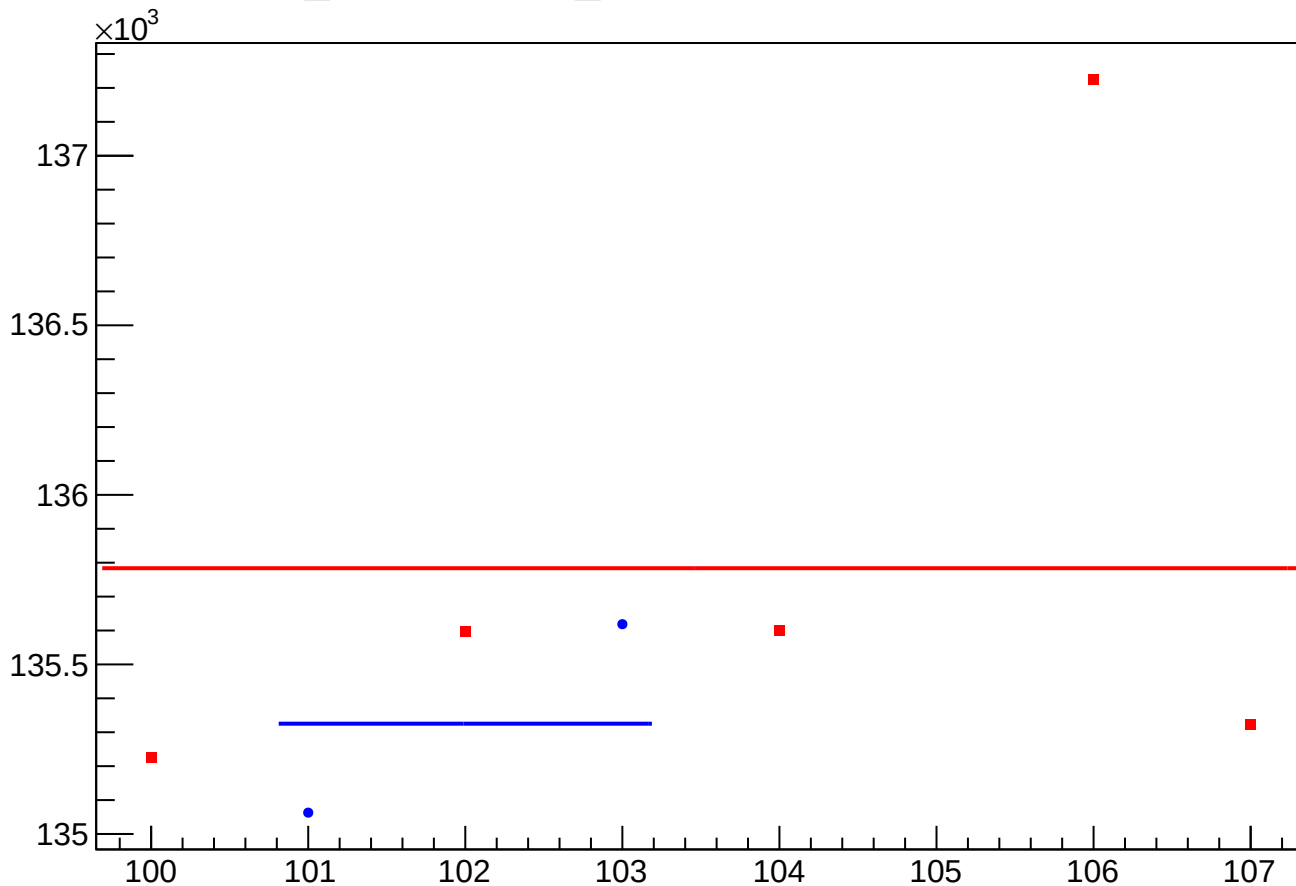
Right: 352.662 $\pm$ 0.154 χ^2 /NDF: 709439.7/6

In: 470.504 $\pm$ 0.297 χ^2 /NDF:72.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 352.662 $\pm$ 0.154 χ^2 /NDF: 709439.7/6

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 135325.276 $\pm$ 0.332 χ^2 /NDF: 699413.9/1

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

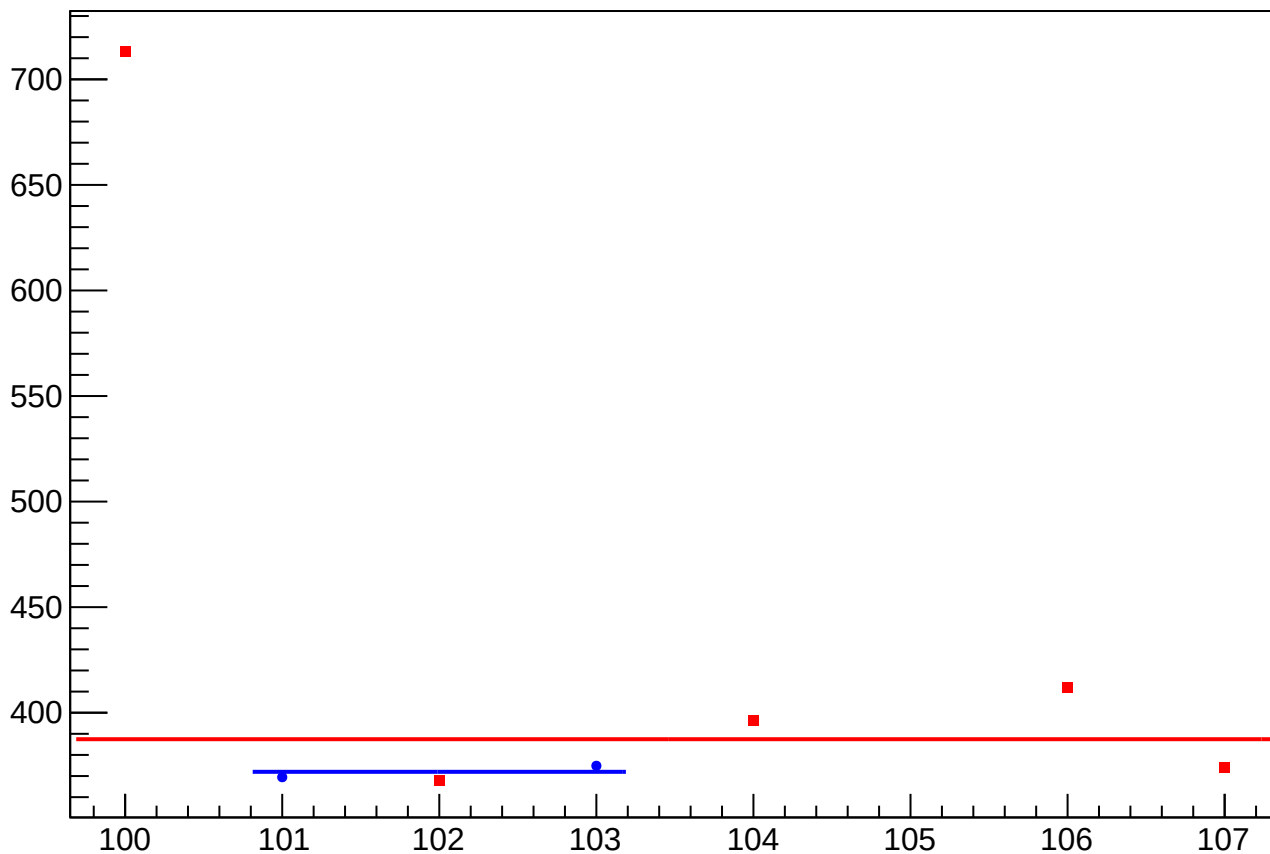
Right: 135579.882 $\pm$ 0.221 χ^2 /NDF: 5735585.8/6

In: 135325.276 $\pm$ 0.332 χ^2 /NDF: 699413.9/1

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

All: 135579.882 $\pm$ 0.221 χ^2 /NDF: 5735585.8/6

yield_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 372.001 $\pm$ 0.235 χ^2 /NDF: 132.0/1

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

Right Out: 387.446 $\pm$ 0.210 χ^2 /NDF: 36770.9/4

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

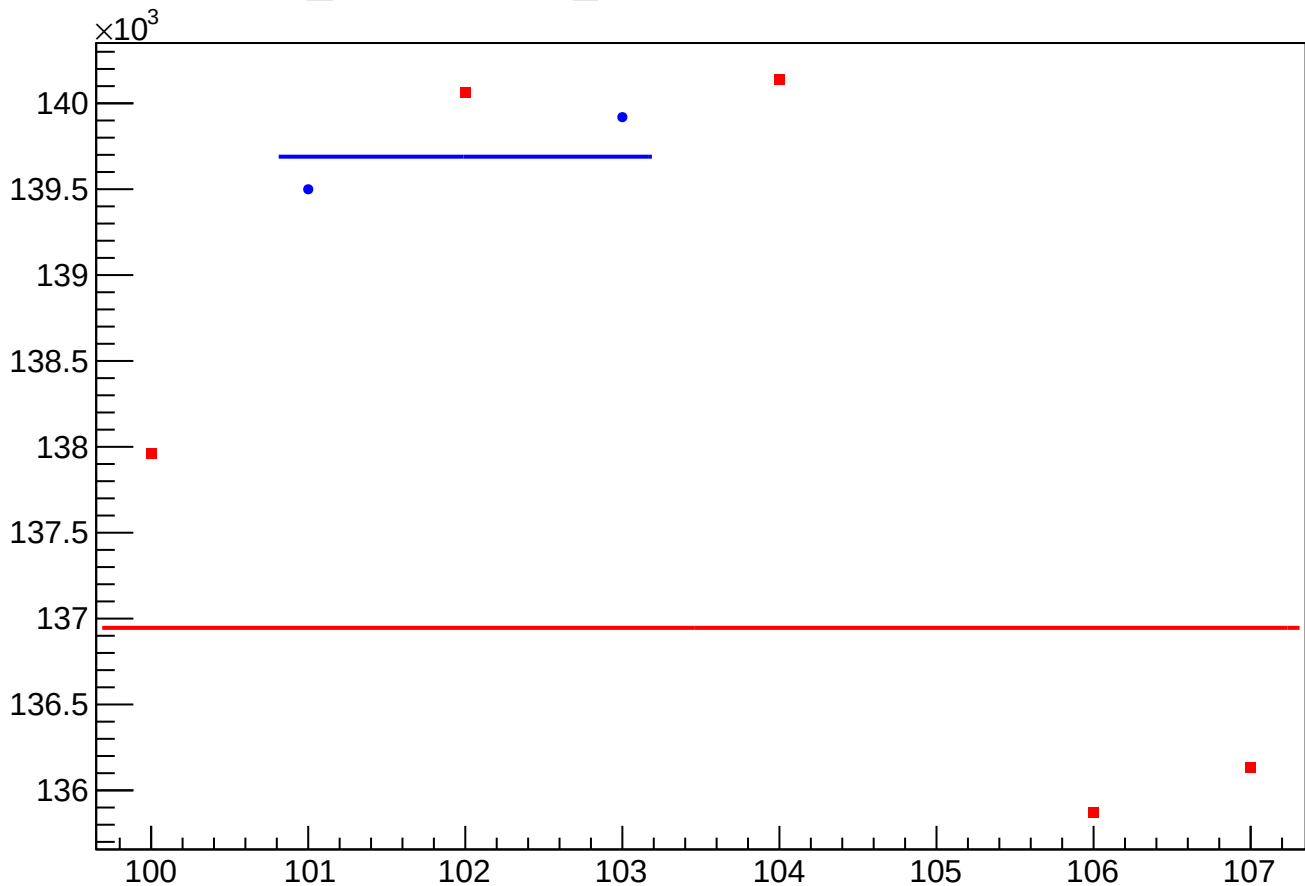
Right: 380.578 $\pm$ 0.156 χ^2 /NDF: 39310.5/6

In: 372.001 $\pm$ 0.235 χ^2 /NDF: 132.0/1

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

All: 380.578 $\pm$ 0.156 χ^2 /NDF: 39310.5/6

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 139689.267 $\pm$ 0.338 χ^2 /NDF: 382427.7/1

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

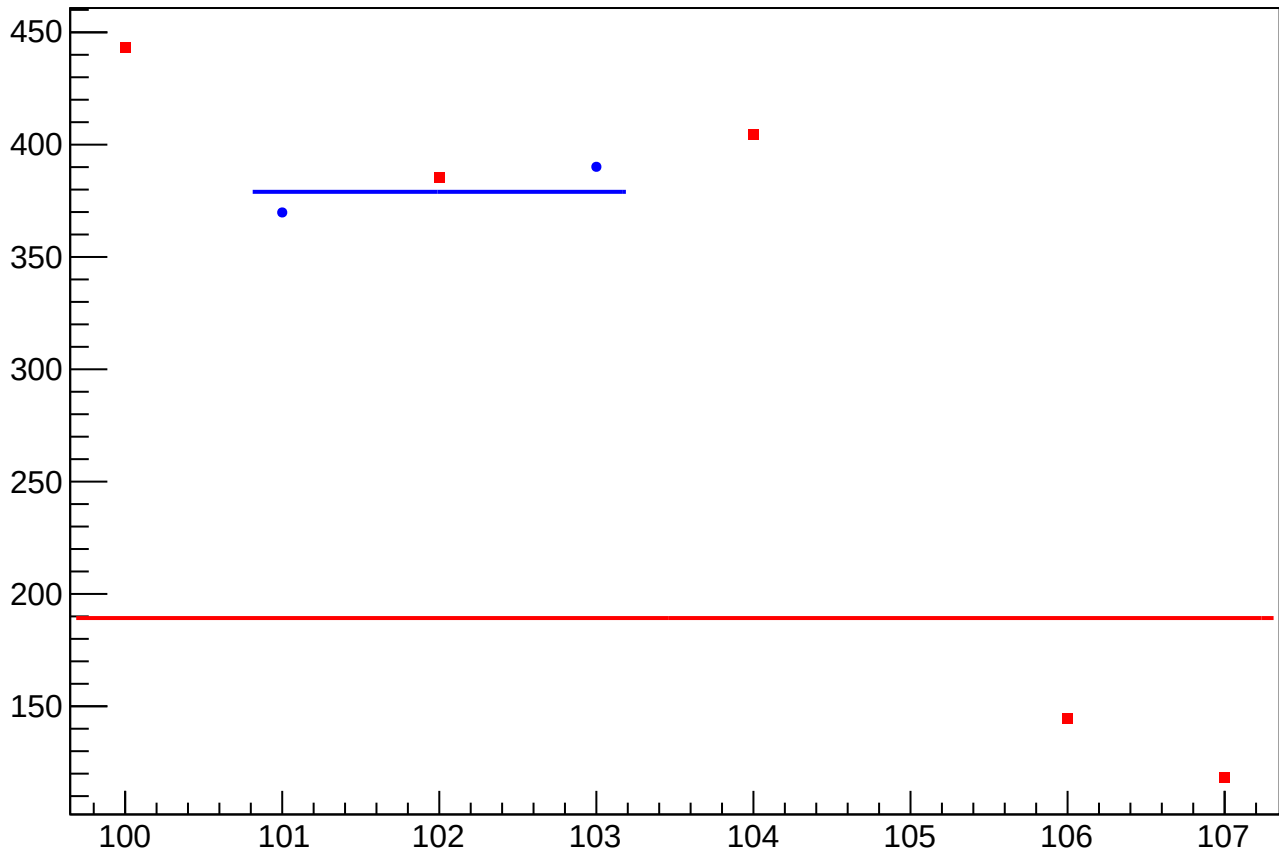
Right: 137502.594 $\pm$ 0.152 χ^2 /NDF: 150085312.1/6

In: 139689.267 $\pm$ 0.338 χ^2 /NDF:382427.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 137502.594 $\pm$ 0.152 χ^2 /NDF: 150085312.1/6

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 379.002 $\pm$ 0.239 χ^2 /NDF: 1791.3/1

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

Right Out: 189.267 $\pm$ 0.121 χ^2 /NDF: 885789.3/4

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

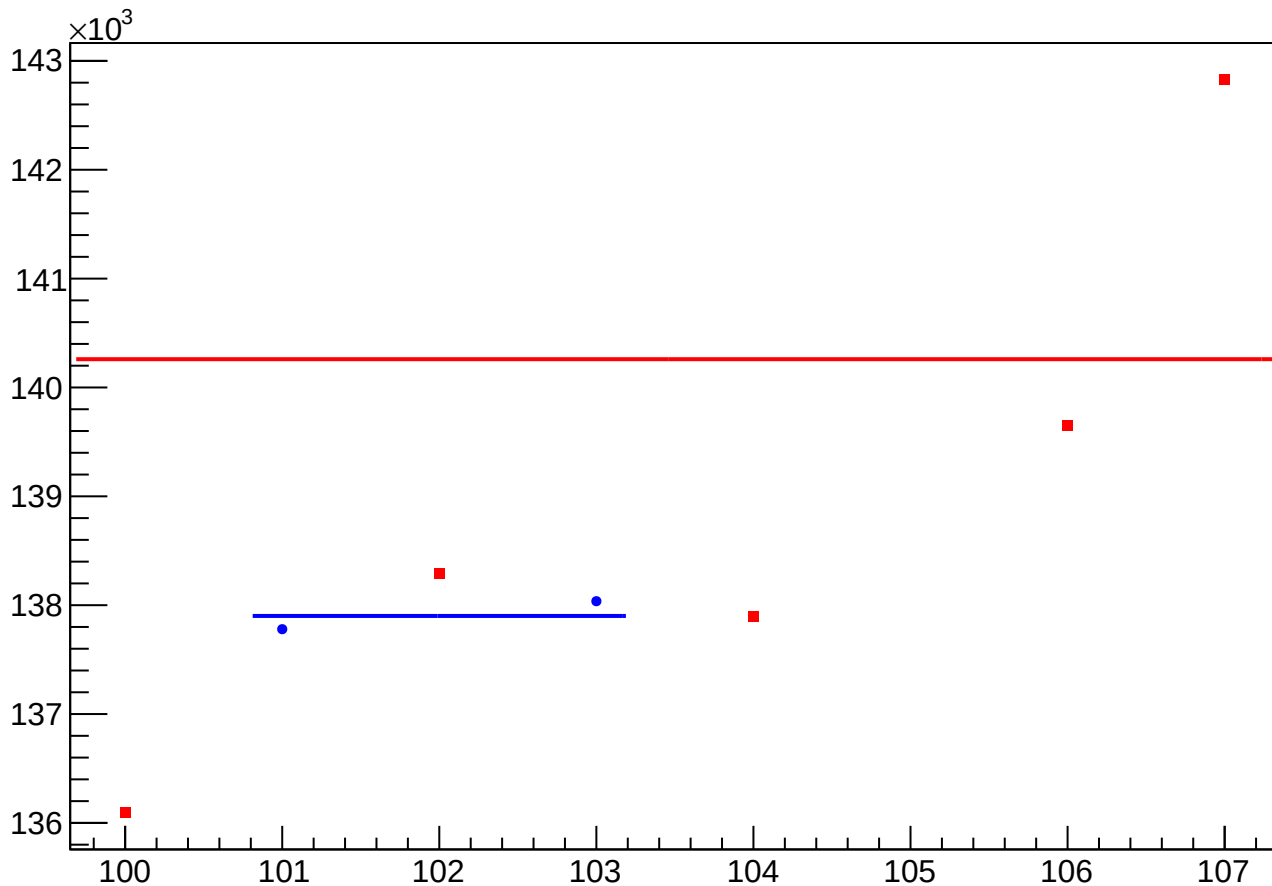
Right: 227.756 $\pm$ 0.108 χ^2 /NDF: 1390129.6/6

In: 379.002 $\pm$ 0.239 χ^2 /NDF:1791.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 227.756 $\pm$ 0.108 χ^2 /NDF: 1390129.6/6

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 137901.129 $\pm$ 0.325 χ^2 /NDF: 156191.1/1

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

Right Out: 140259.785 $\pm$ 0.209 χ^2 /NDF: 105680106.0/4

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

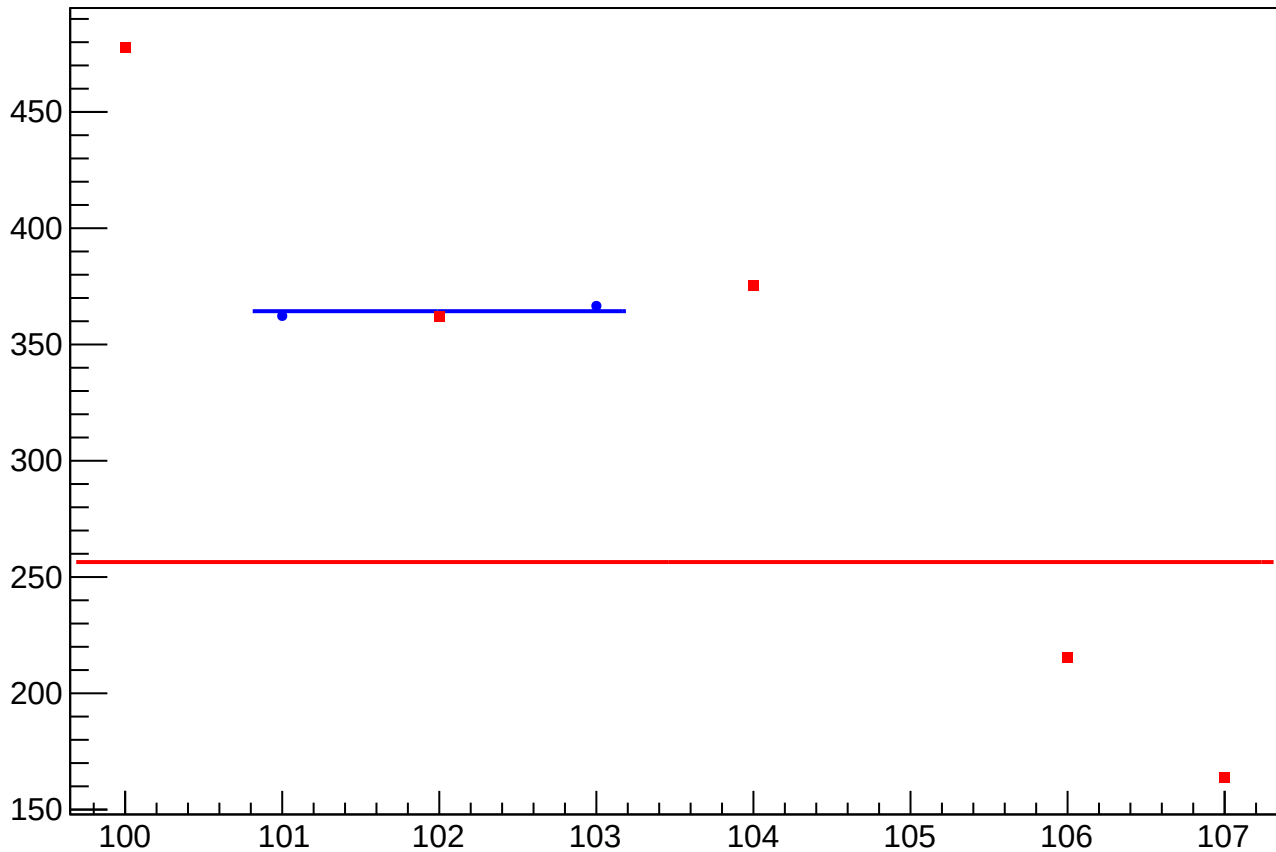
Right: 139567.854 $\pm$ 0.176 χ^2 /NDF: 143123625.2/6

In: 137901.129 $\pm$ 0.325 χ^2 /NDF:156191.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 139567.854 $\pm$ 0.176 χ^2 /NDF: 143123625.2/6

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 364.324 $\pm$ 0.230 χ^2 /NDF: 87.5/1

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

Right Out: 256.444 $\pm$ 0.148 χ^2 /NDF: 414382.4/4

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

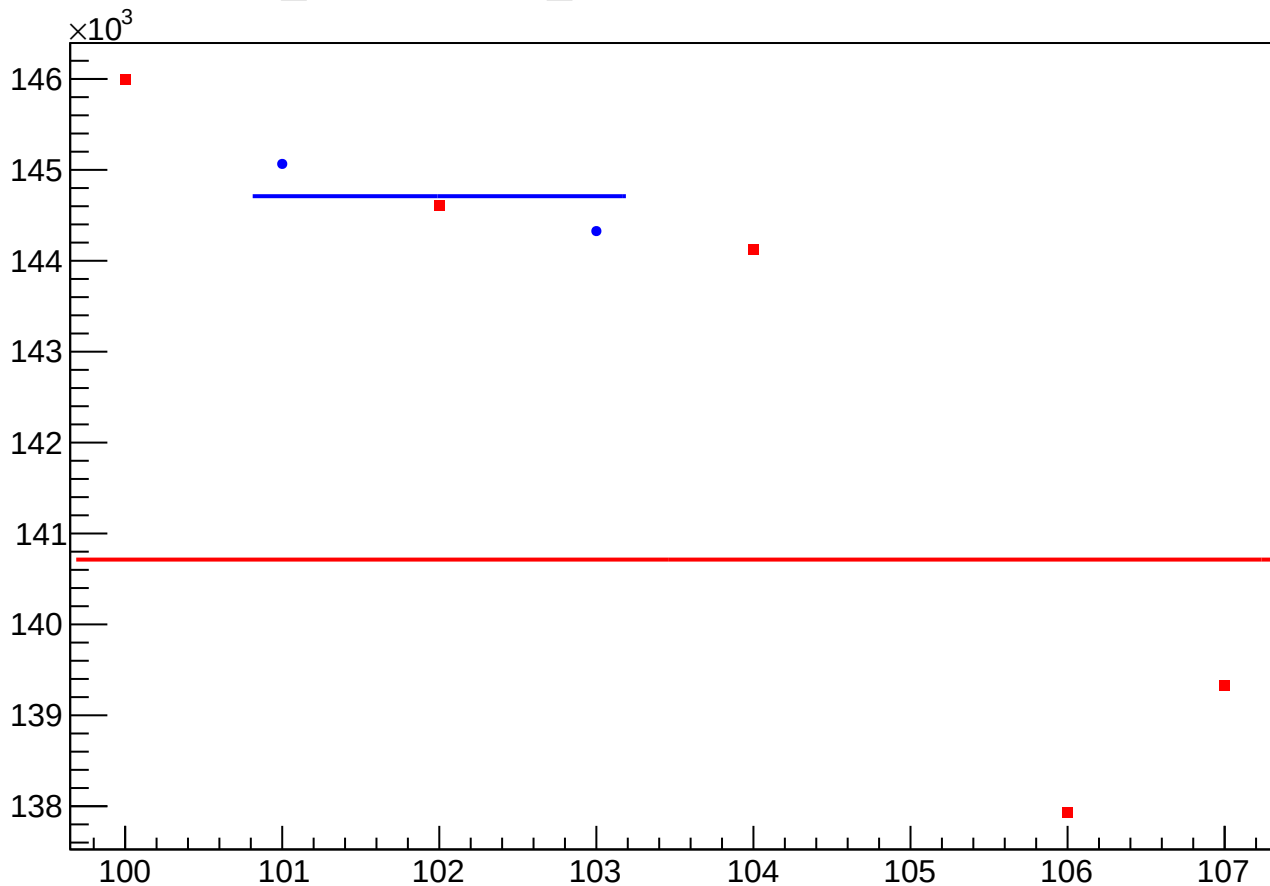
Right: 288.091 $\pm$ 0.124 χ^2 /NDF: 570476.4/6

In: 364.324 $\pm$ 0.230 χ^2 /NDF: 87.5/1

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

All: 288.091 $\pm$ 0.124 χ^2 /NDF: 570476.4/6

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 141750.032+/-0.164 χ^2 /NDF: 316312824.0/6

In: 144710.466+/-0.322 χ^2 /NDF:1316203.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 141750.032+/-0.164 χ^2 /NDF: 316312824.0/6

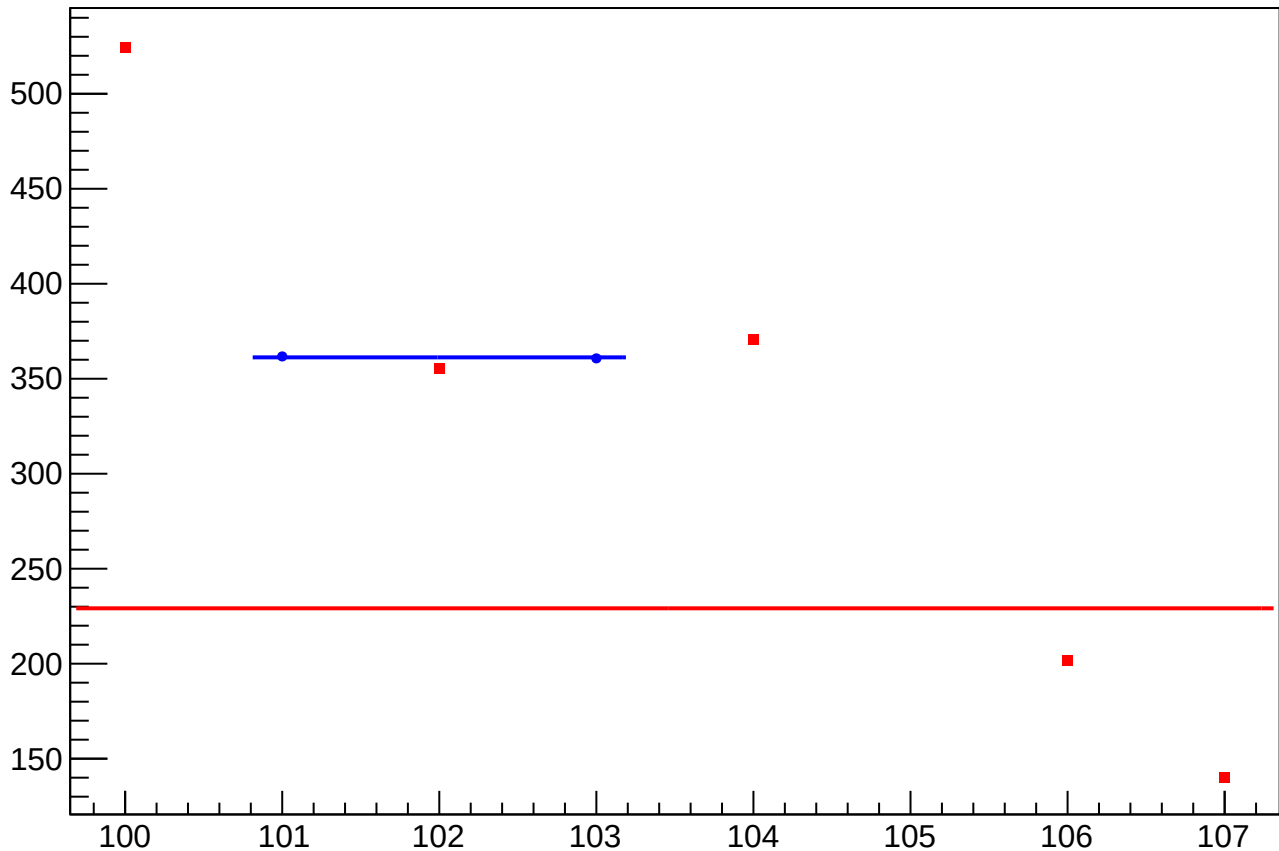
Right In: 144710.466+/-0.322 χ^2 /NDF: 1316203.5/1

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: 361.252+/-0.228 χ^2/NDF : 5.2/1

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

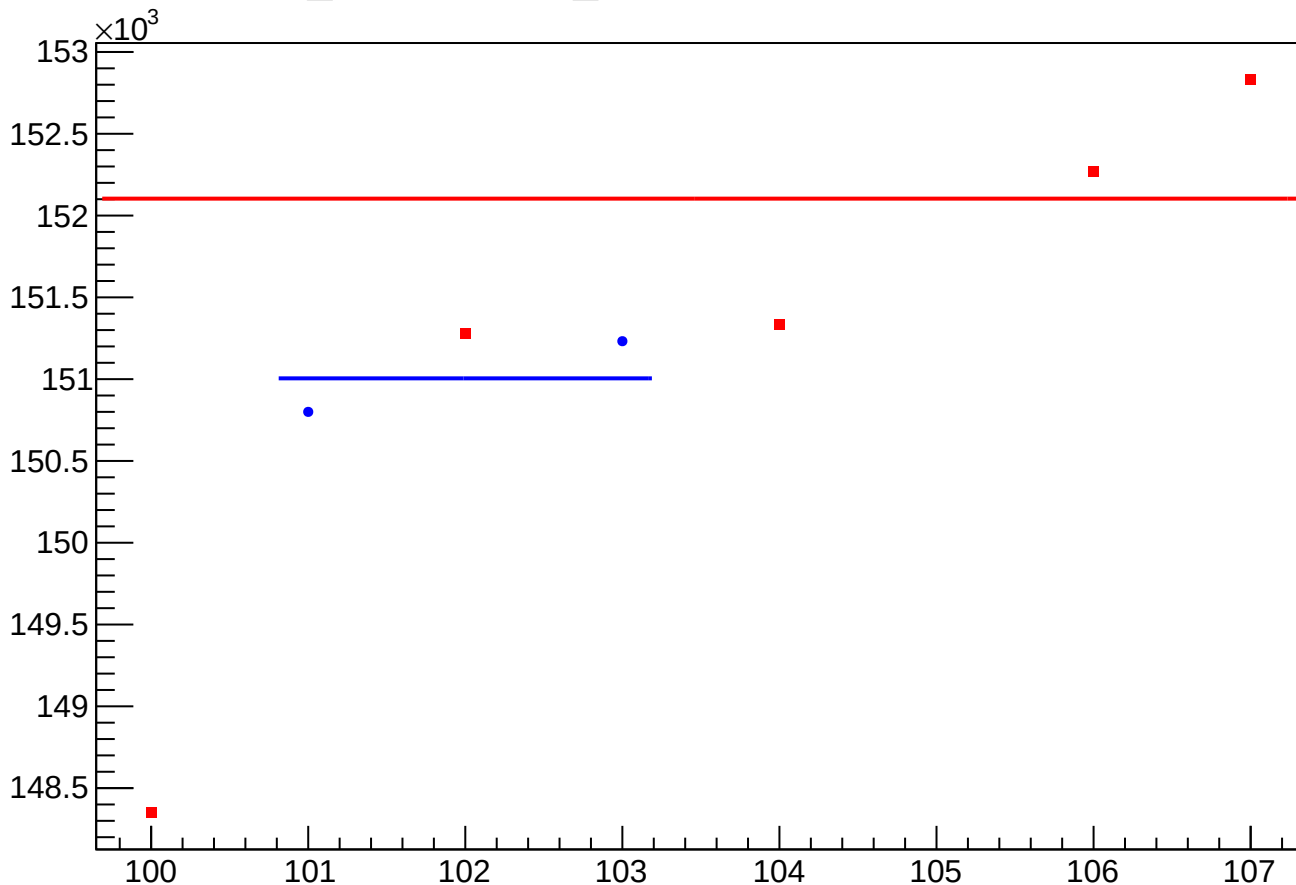
Right: 263.421+/-0.116 χ^2/NDF : 812846.4/6

In: 361.252+/-0.228 χ^2/NDF : 5.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 263.421+/-0.116 χ^2/NDF : 812846.4/6

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 151004.917 $\pm$ 0.337 χ^2 /NDF: 408686.8/1

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

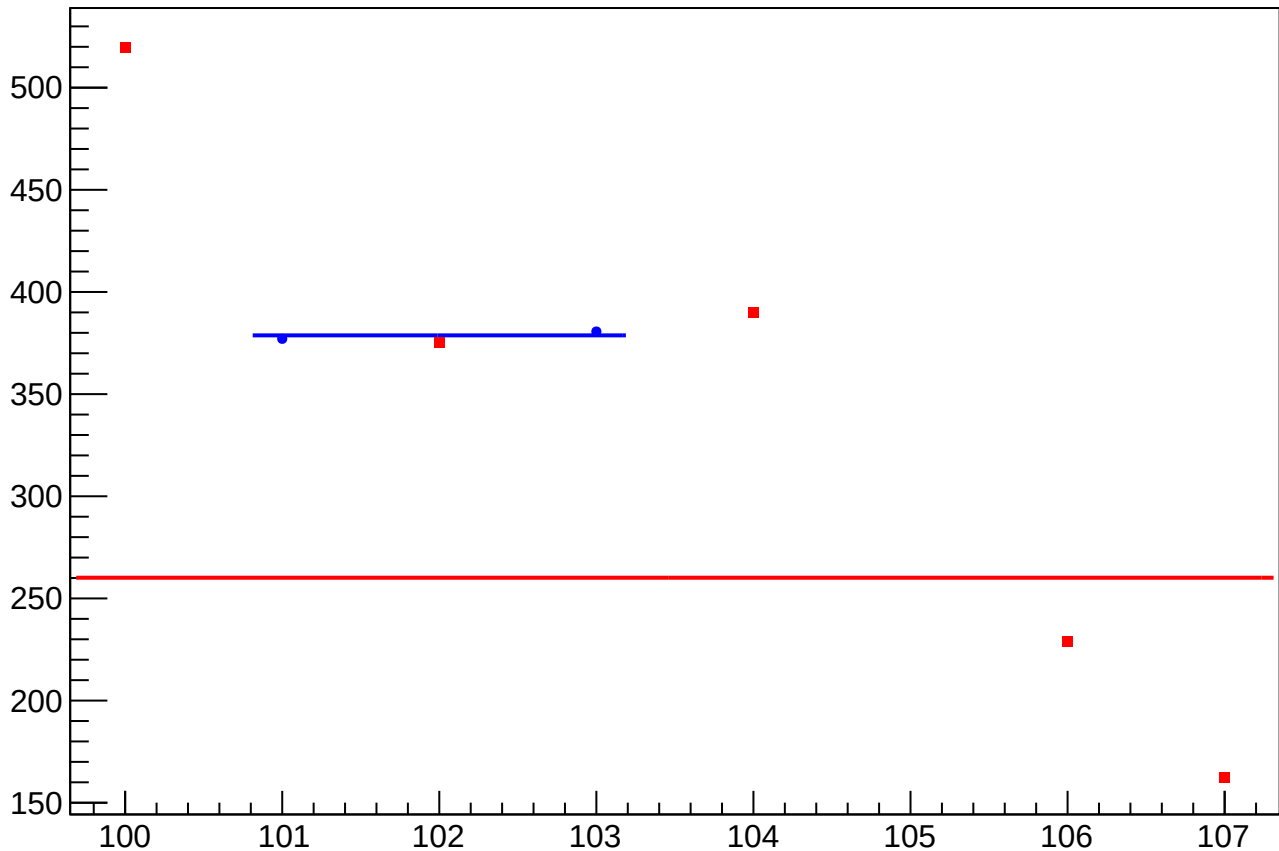
Right: 151792.982 $\pm$ 0.179 χ^2 /NDF: 21845481.0/6

In: 151004.917 $\pm$ 0.337 χ^2 /NDF: 408686.8/1

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

All: 151792.982 $\pm$ 0.179 χ^2 /NDF: 21845481.0/6

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right: 293.669 +/- 0.127 χ^2/NDF : 633374.8/6

In: 378.765 +/- 0.239 χ^2/NDF : 56.4/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 293.669 +/- 0.127 χ^2/NDF : 633374.8/6

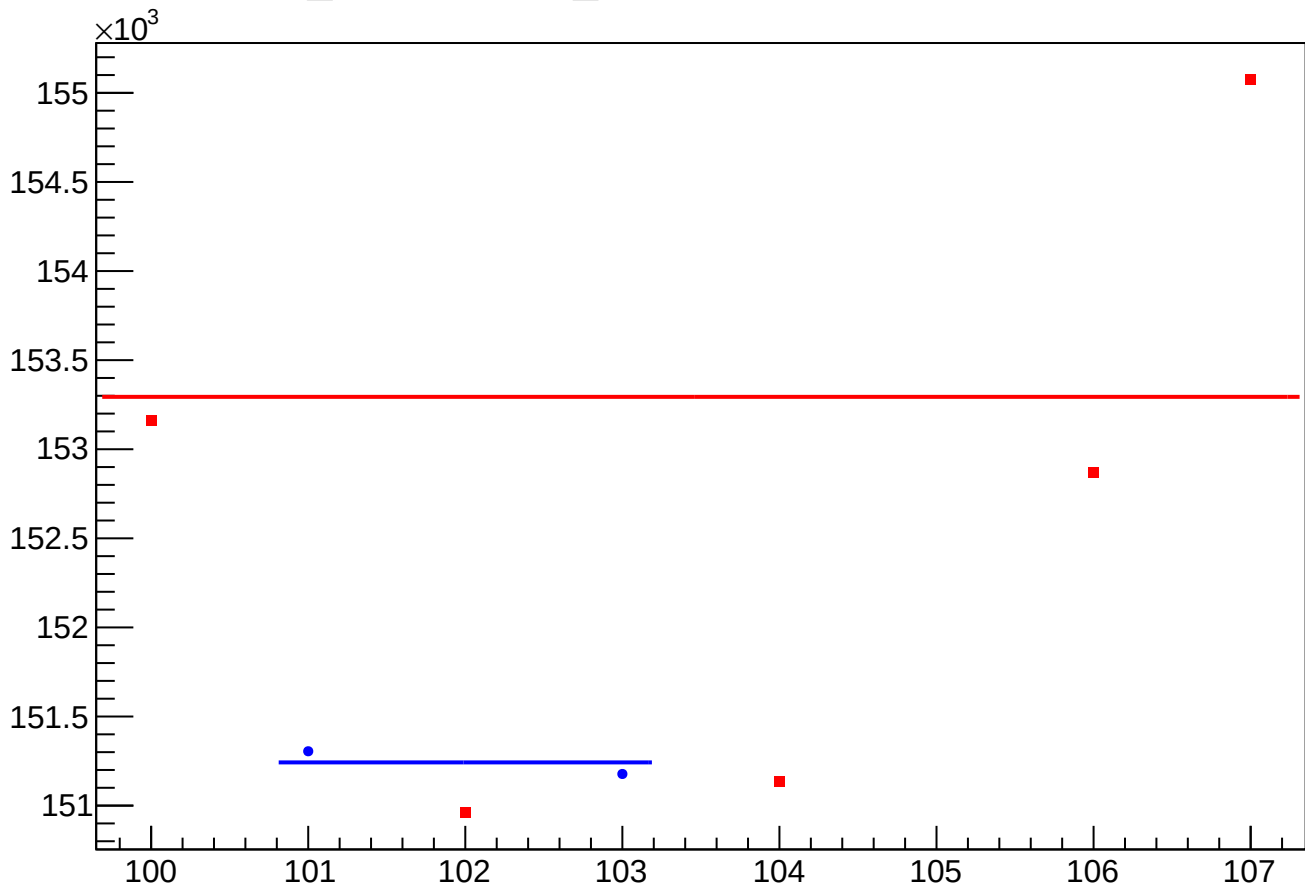
Right In: 378.765 +/- 0.239 χ^2/NDF : 56.4/1

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

Right Out: 260.140 +/- 0.150 χ^2/NDF : 456015.5/4

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

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: 151242.497 $\pm$ 0.354 χ^2 /NDF: 32437.7/1

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

Right Out: 153294.004 $\pm$ 0.171 χ^2 /NDF: 73517147.8/4

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

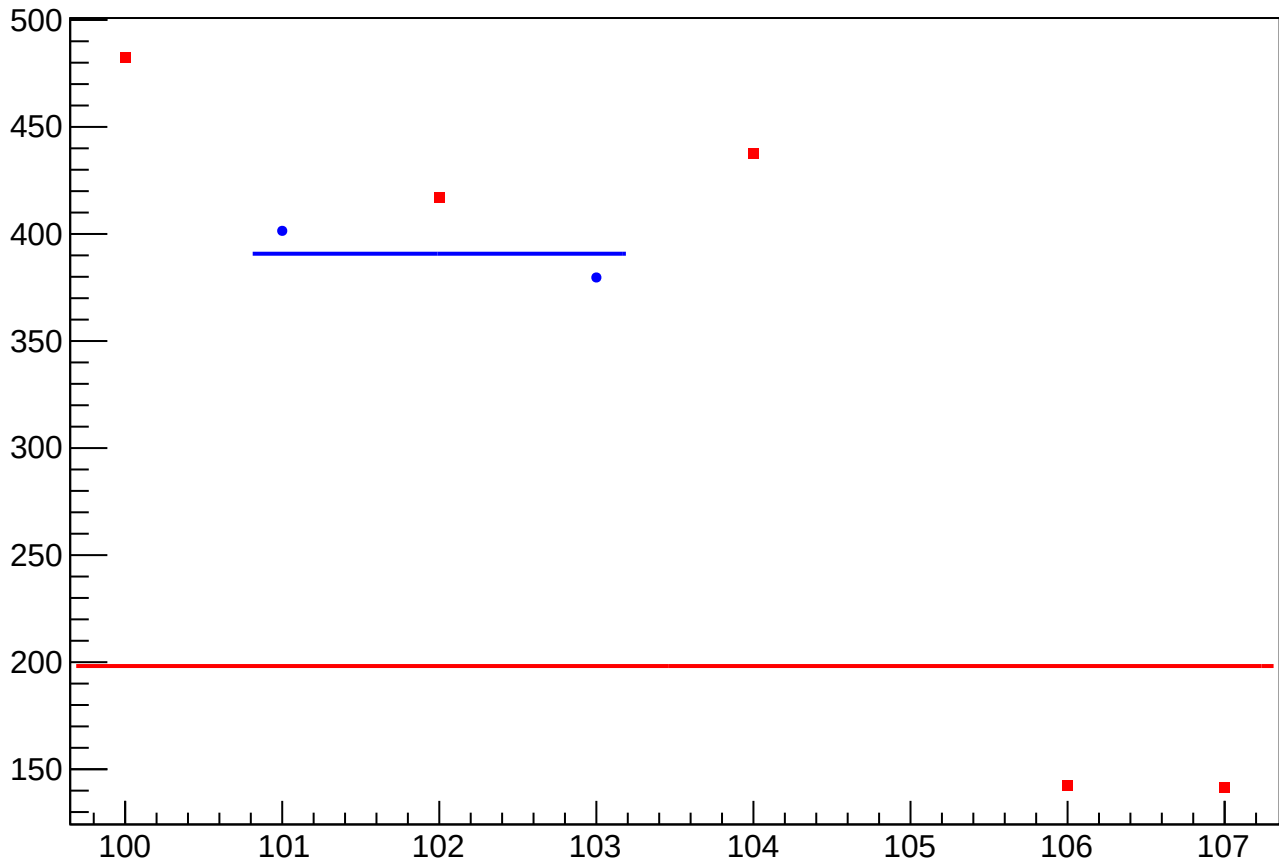
Right: 152907.140 $\pm$ 0.154 χ^2 /NDF: 100847402.8/6

In: 151242.497 $\pm$ 0.354 χ^2 /NDF:32437.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 152907.140 $\pm$ 0.154 χ^2 /NDF: 100847402.8/6

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 390.776+/-0.250 χ^2/NDF : 1895.2/1

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

Right Out: 198.198+/-0.121 χ^2/NDF : 891182.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

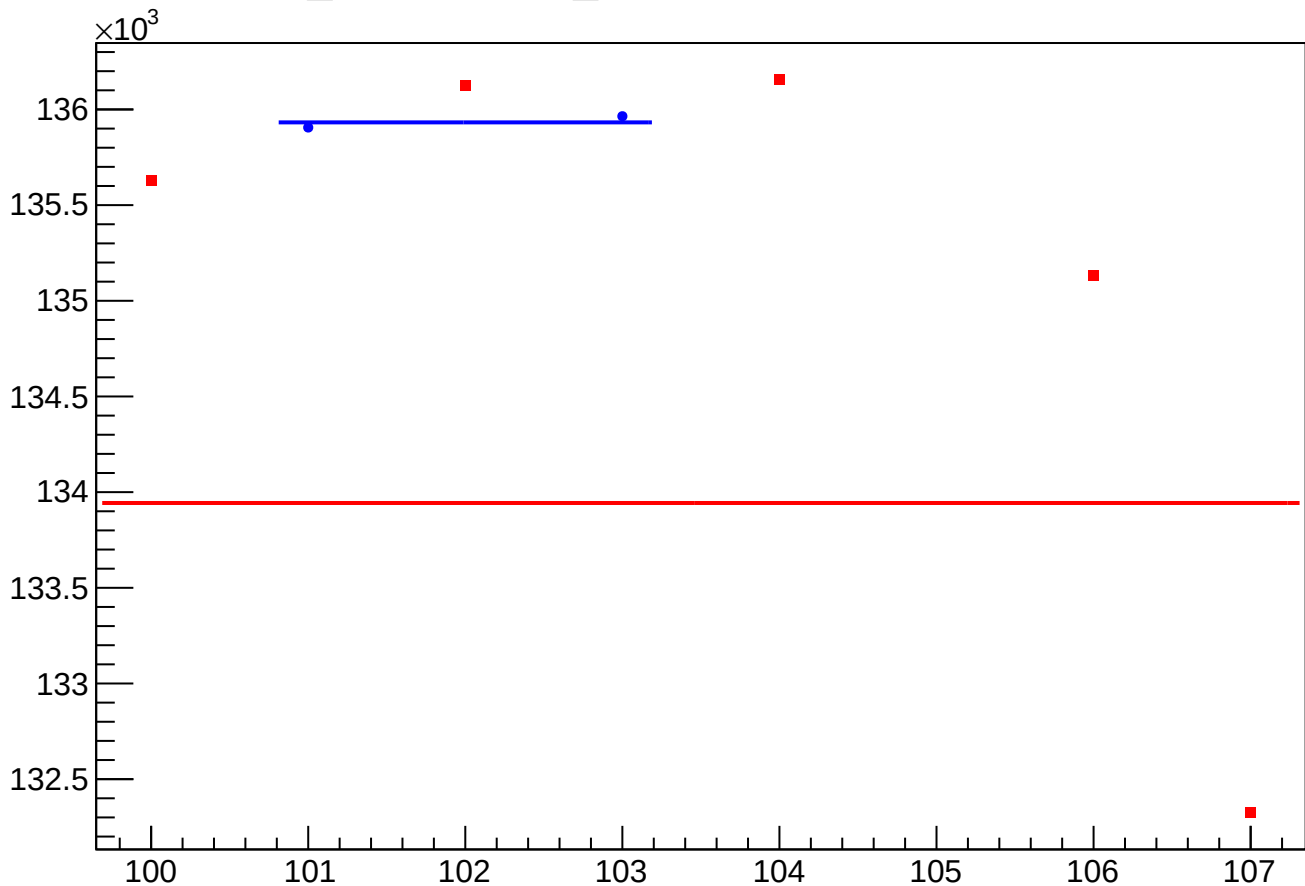
Right: 234.513+/-0.109 χ^2/NDF : 1374166.3/6

In: 390.776+/-0.250 χ^2/NDF : 1895.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 234.513+/-0.109 χ^2/NDF : 1374166.3/6

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 135932.432 $\pm$ 0.330 χ^2 /NDF: 7930.0/1

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

Right Out: 133943.312 $\pm$ 0.161 χ^2 /NDF: 105623126.7/4

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

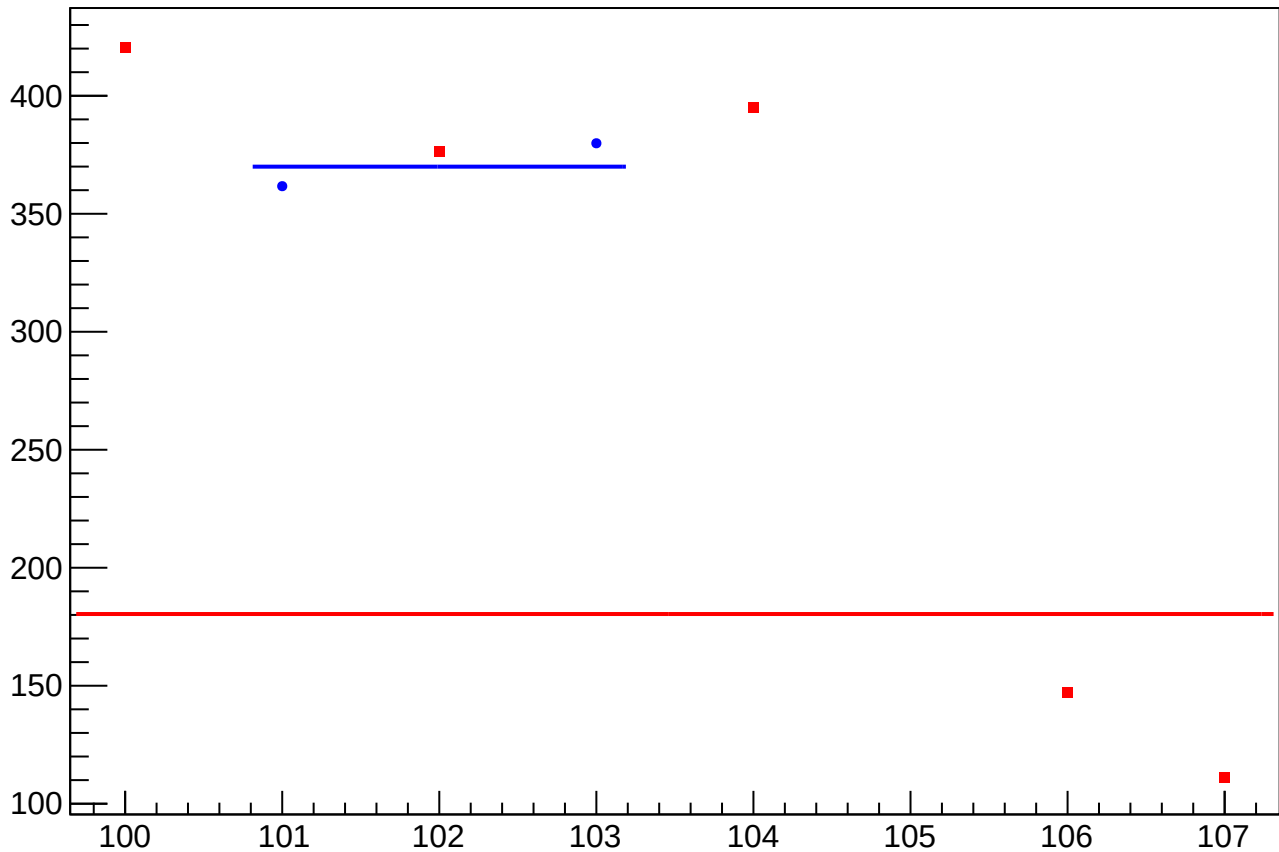
Right: 134324.623 $\pm$ 0.144 χ^2 /NDF: 135062860.4/6

In: 135932.432 $\pm$ 0.330 χ^2 /NDF:7930.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 134324.623 $\pm$ 0.144 χ^2 /NDF: 135062860.4/6

yield_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 369.971 $\pm$ 0.233 χ^2 /NDF: 1509.1/1

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

Right Out: 180.390 $\pm$ 0.114 χ^2 /NDF: 914005.7/4

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

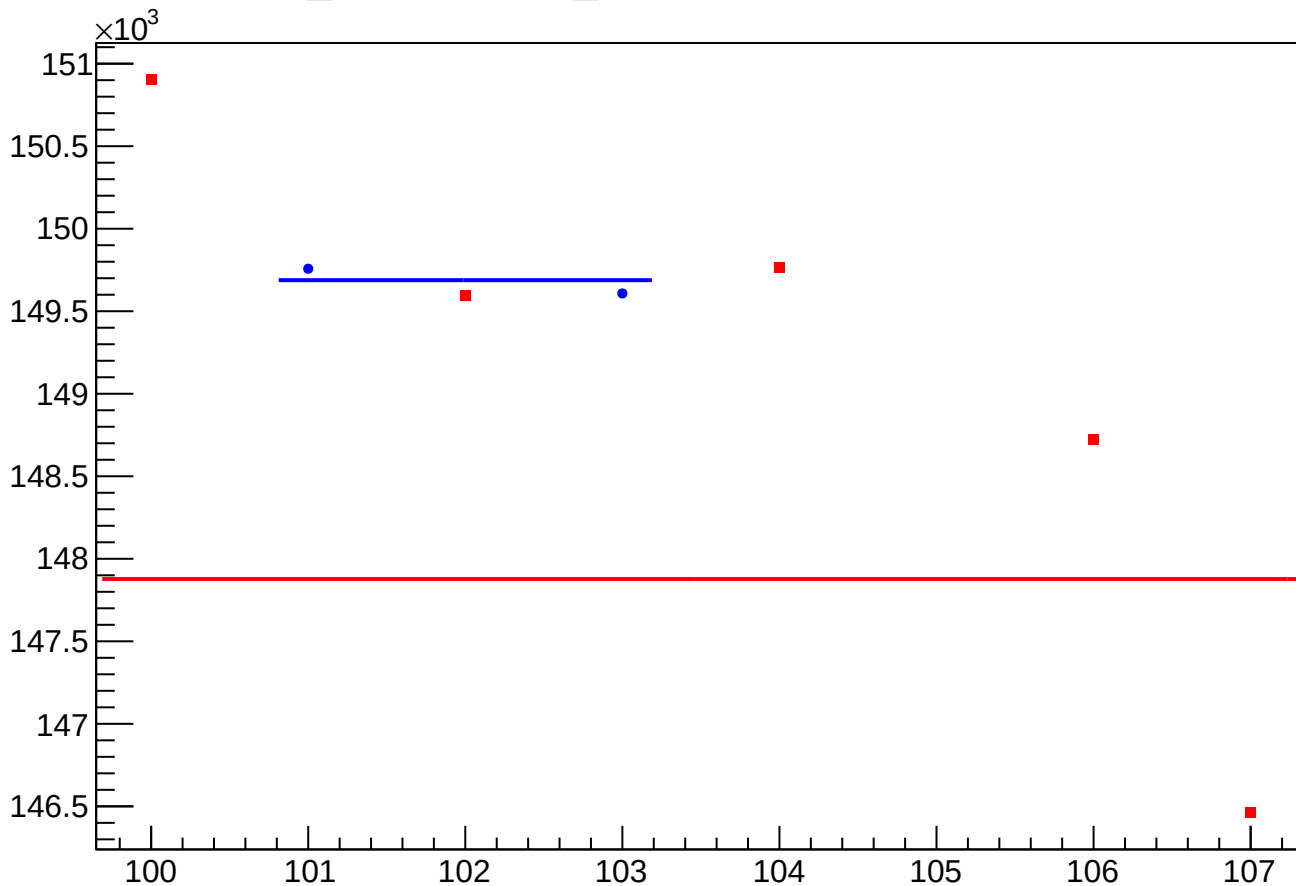
Right: 216.732 $\pm$ 0.102 χ^2 /NDF: 1450220.1/6

In: 369.971 $\pm$ 0.233 χ^2 /NDF:1509.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 216.732 $\pm$ 0.102 χ^2 /NDF: 1450220.1/6

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 149688.269+/-0.357 χ^2/NDF : 43784.3/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

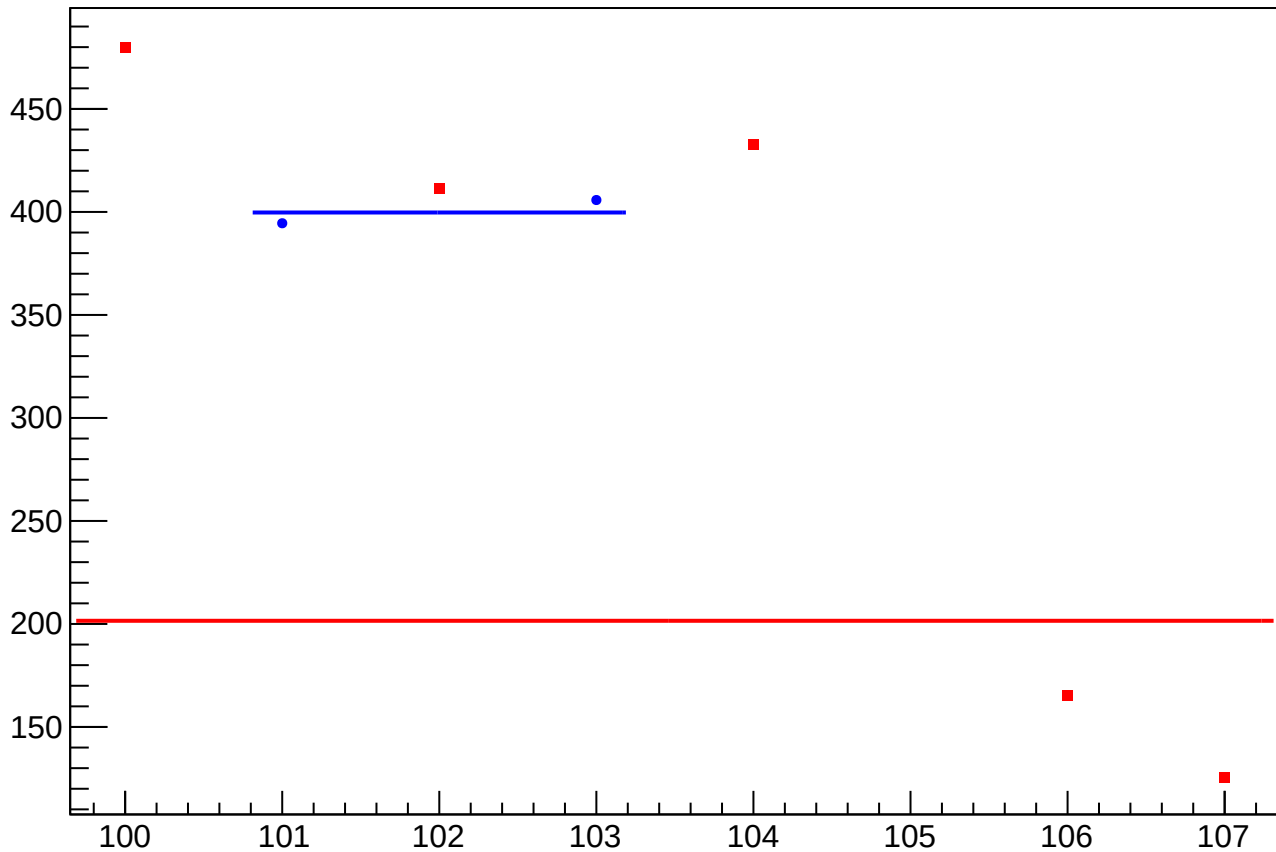
Right: 148230.585+/-0.158 χ^2/NDF : 82561426.6/6

In: 149688.269+/-0.357 χ^2/NDF : 43784.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148230.585+/-0.158 χ^2/NDF : 82561426.6/6

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 399.729 $\pm$ 0.252 χ^2 /NDF: 496.1/1

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

Right Out: 201.537 $\pm$ 0.124 χ^2 /NDF: 884676.7/4

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

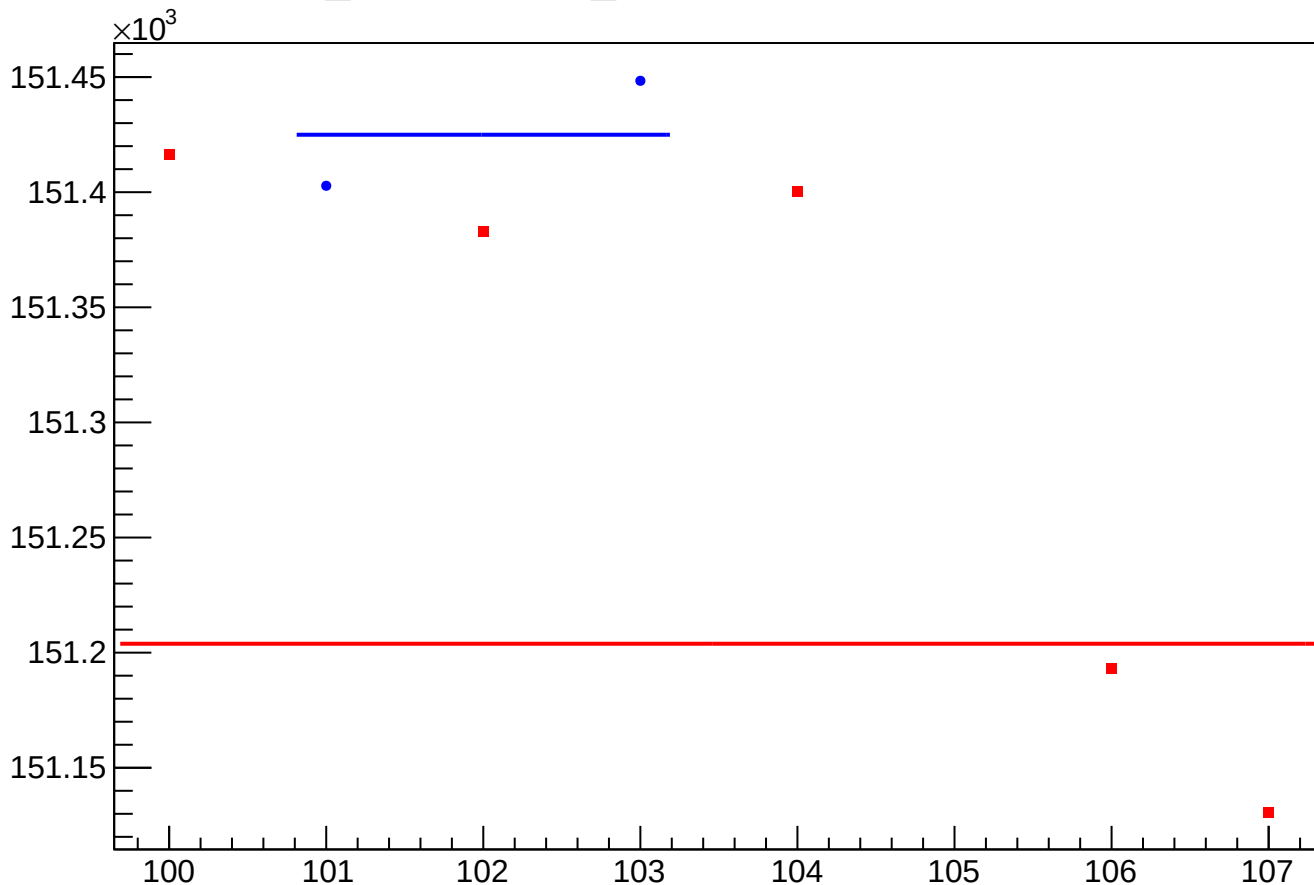
Right: 240.158 $\pm$ 0.111 χ^2 /NDF: 1381581.5/6

In: 399.729 $\pm$ 0.252 χ^2 /NDF: 496.1/1

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

All: 240.158 $\pm$ 0.111 χ^2 /NDF: 1381581.5/6

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 151424.953 $\pm$ 0.343 χ^2 /NDF: 4410.3/1

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

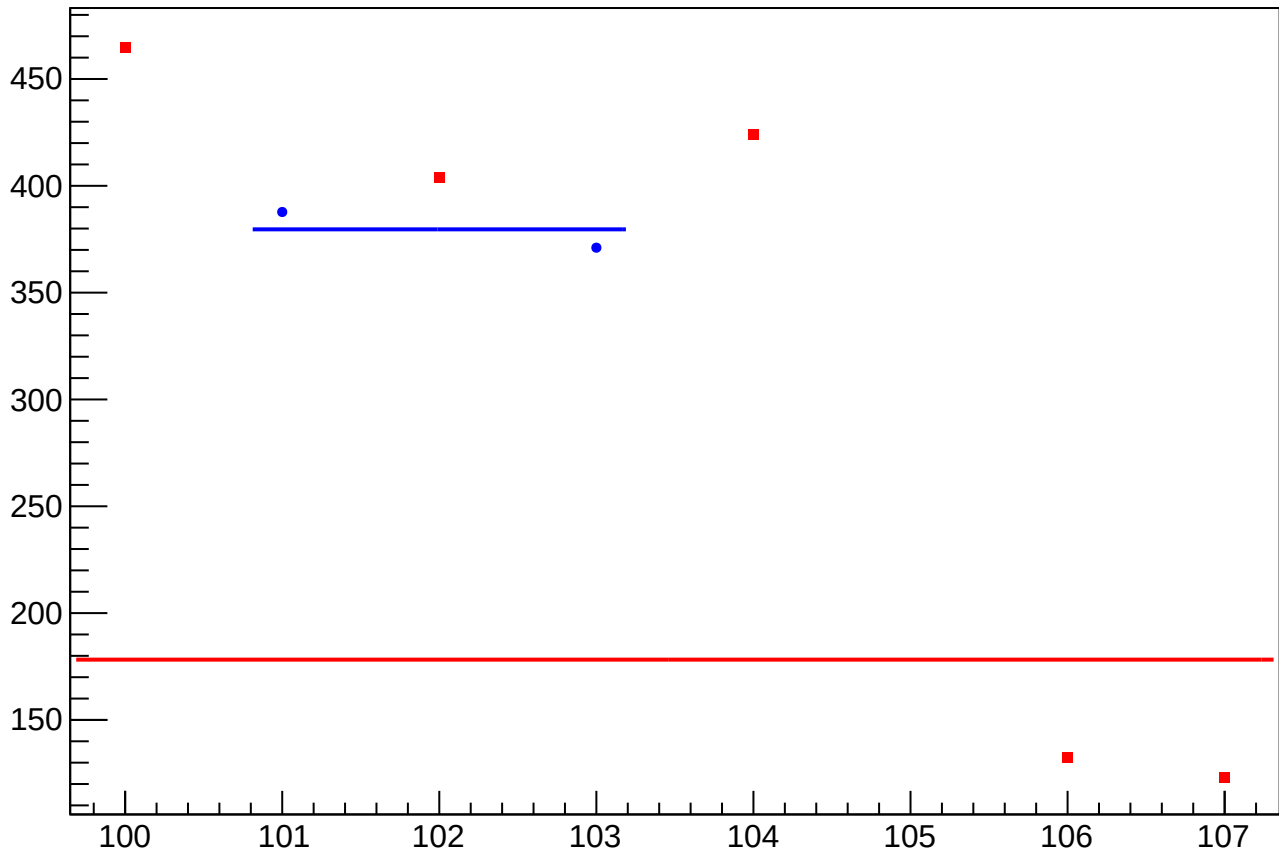
Right: 151241.719 $\pm$ 0.142 χ^2 /NDF: 688604.3/6

In: 151424.953 $\pm$ 0.343 χ^2 /NDF:4410.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 151241.719 $\pm$ 0.142 χ^2 /NDF: 688604.3/6

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 379.627+/-0.243 χ^2/NDF : 1184.5/1

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

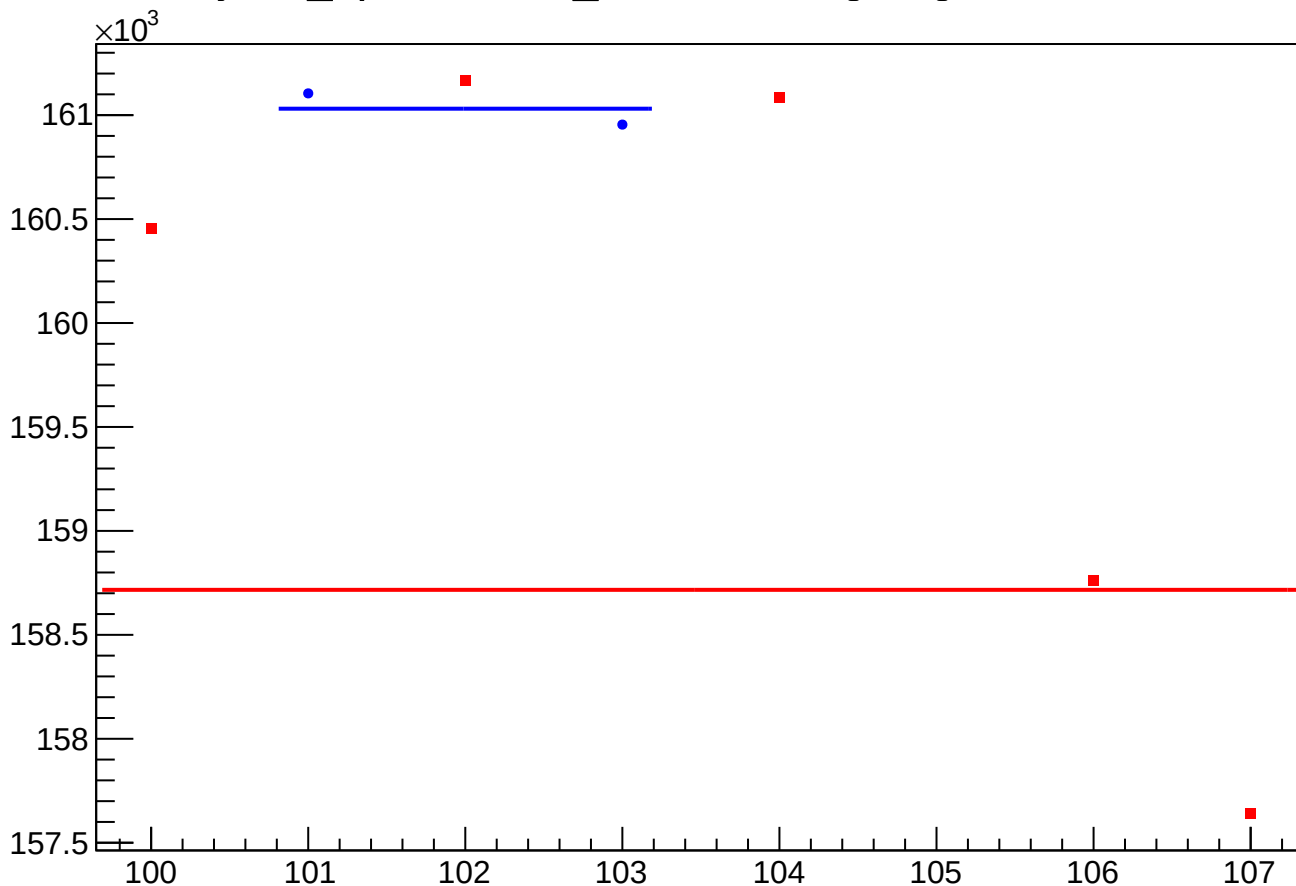
Right: 212.701+/-0.100 χ^2/NDF : 1551953.7/6

In: 379.627+/-0.243 χ^2/NDF : 1184.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 212.701+/-0.100 χ^2/NDF : 1551953.7/6

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: 161030.962 $\pm$ 0.362 χ^2 /NDF: 43086.7/1

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

Right Out: 158716.465 $\pm$ 0.162 χ^2 /NDF: 54184142.0/4

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

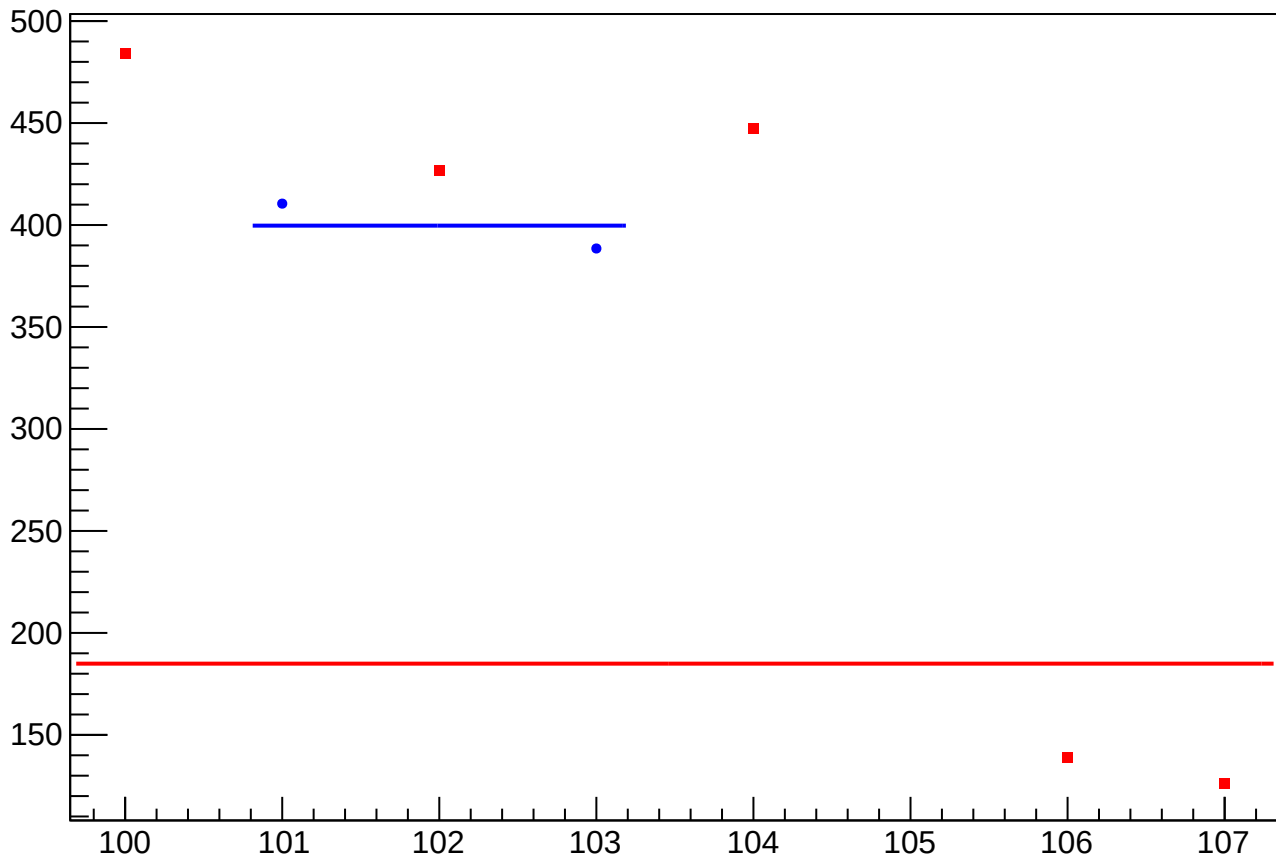
Right: 159105.273 $\pm$ 0.148 χ^2 /NDF: 88307794.3/6

In: 161030.962 $\pm$ 0.362 χ^2 /NDF:43086.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 159105.273 $\pm$ 0.148 χ^2 /NDF: 88307794.3/6

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 399.698 $\pm$ 0.256 χ^2 /NDF: 1849.4/1

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

Right Out: 184.934 $\pm$ 0.115 χ^2 /NDF: 999329.8/4

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

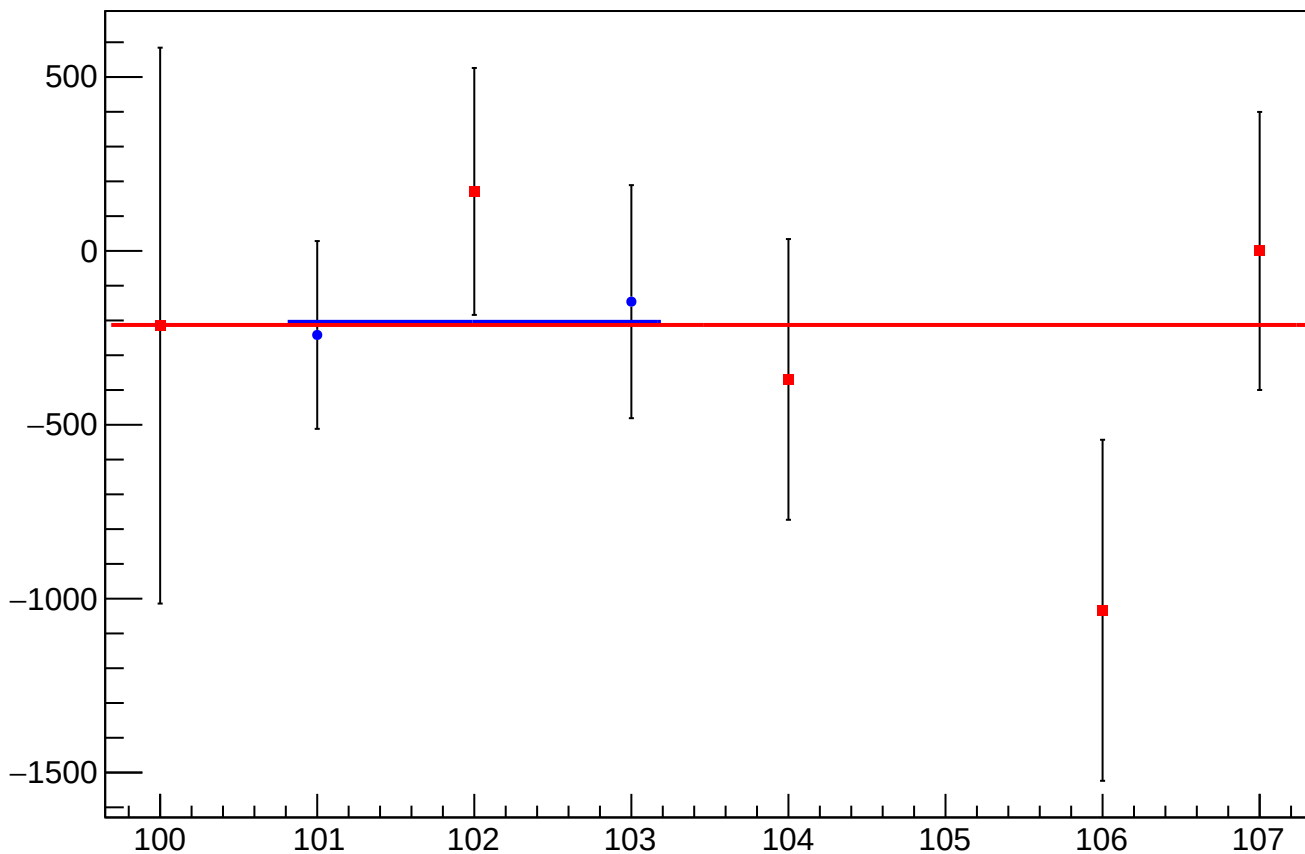
Right: 221.011 $\pm$ 0.105 χ^2 /NDF: 1588059.0/6

In: 399.698 $\pm$ 0.256 χ^2 /NDF:1849.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 221.011 $\pm$ 0.105 χ^2 /NDF: 1588059.0/6

asym_bcm_target_mean vs Slug, Sign Corrected



Right In: -203.977+/-210.242 χ^2/NDF : 0.0/1

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

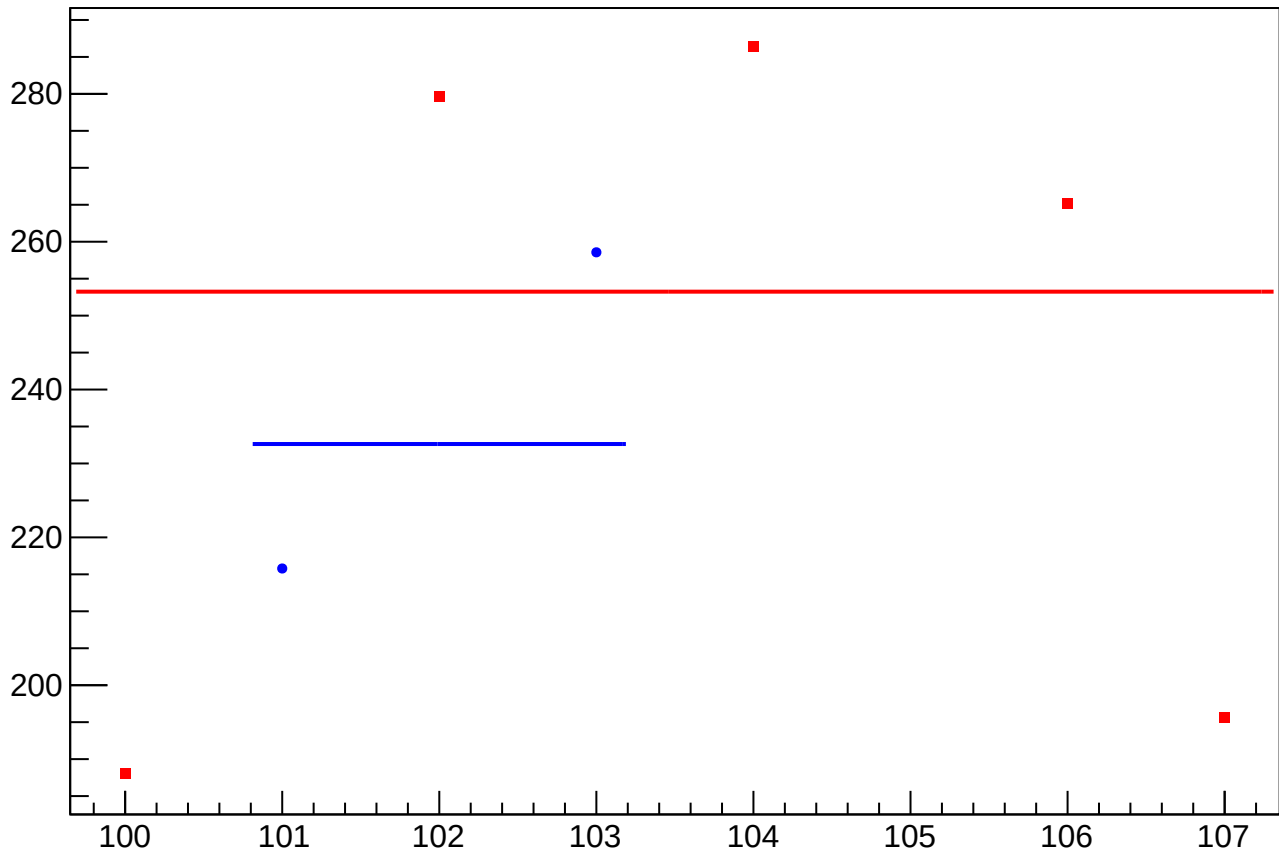
Right: -208.758+/-143.330 χ^2/NDF : 4.5/6

In: -203.977+/-210.242 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -208.758+/-143.330 χ^2/NDF : 4.5/6

asym_bcm_target_rms vs Slug, Sign Corrected



Right In: 232.630 $\pm$ 0.149 χ^2 /NDF: 19763.1/1

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

Right Out: 253.243 $\pm$ 0.139 χ^2 /NDF: 80494.6/4

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

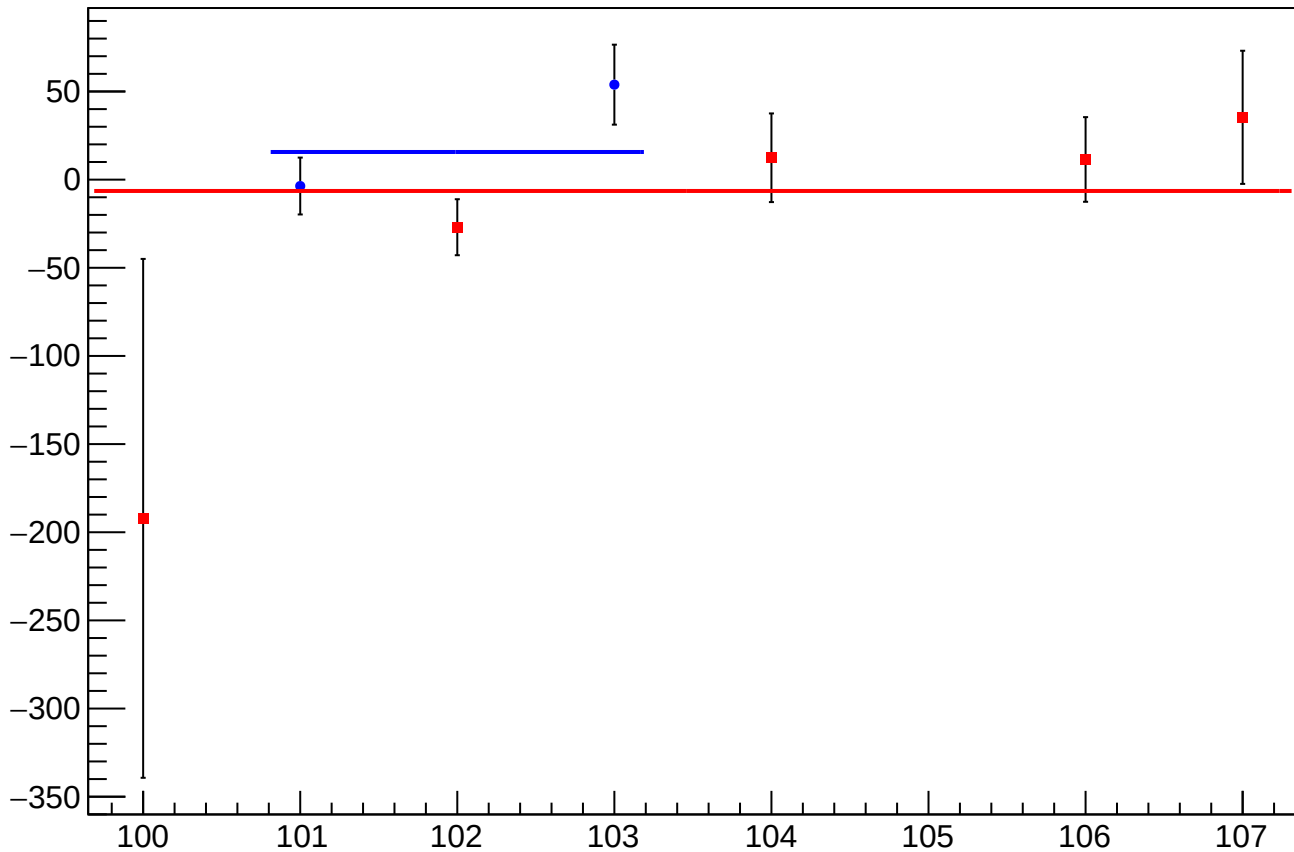
Right: 243.663 $\pm$ 0.101 χ^2 /NDF: 110547.3/6

In: 232.630 $\pm$ 0.149 χ^2 /NDF:19763.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 243.663 $\pm$ 0.101 χ^2 /NDF: 110547.3/6

asym_bcm_an_diff_mean vs Slug, Sign Corrected



Right In: 15.683+/-13.144 χ^2/NDF : 4.3/1

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

Right Out: -6.429+/-11.160 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

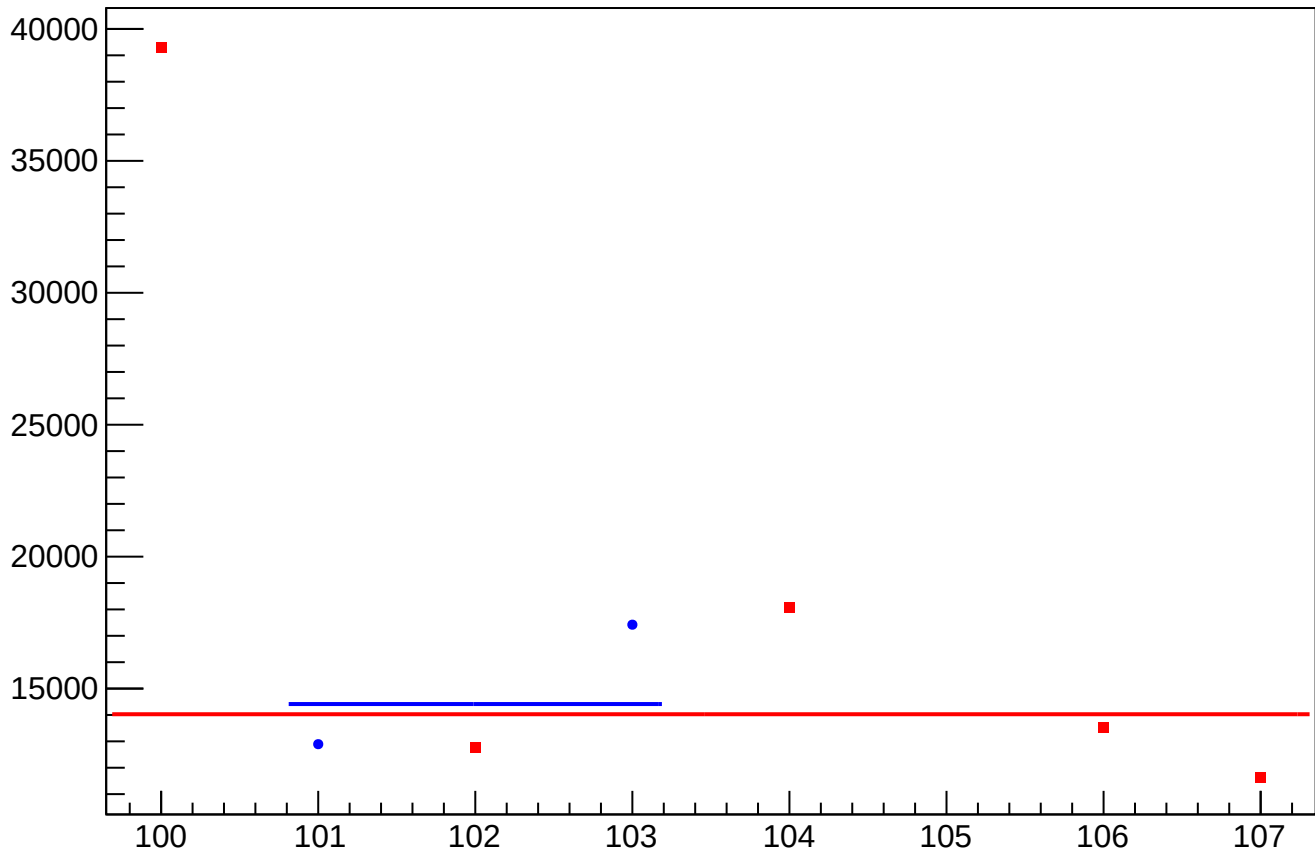
Right: 2.834+/-8.507 χ^2/NDF : 11.5/6

In: 15.683+/-13.144 χ^2/NDF : 4.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.834+/-8.507 χ^2/NDF : 11.5/6

asym_bcm_an_diff_rms vs Slug, Sign Corrected



Right In: 14414.012+/-9.294 χ^2/NDF : 52953.1/1

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

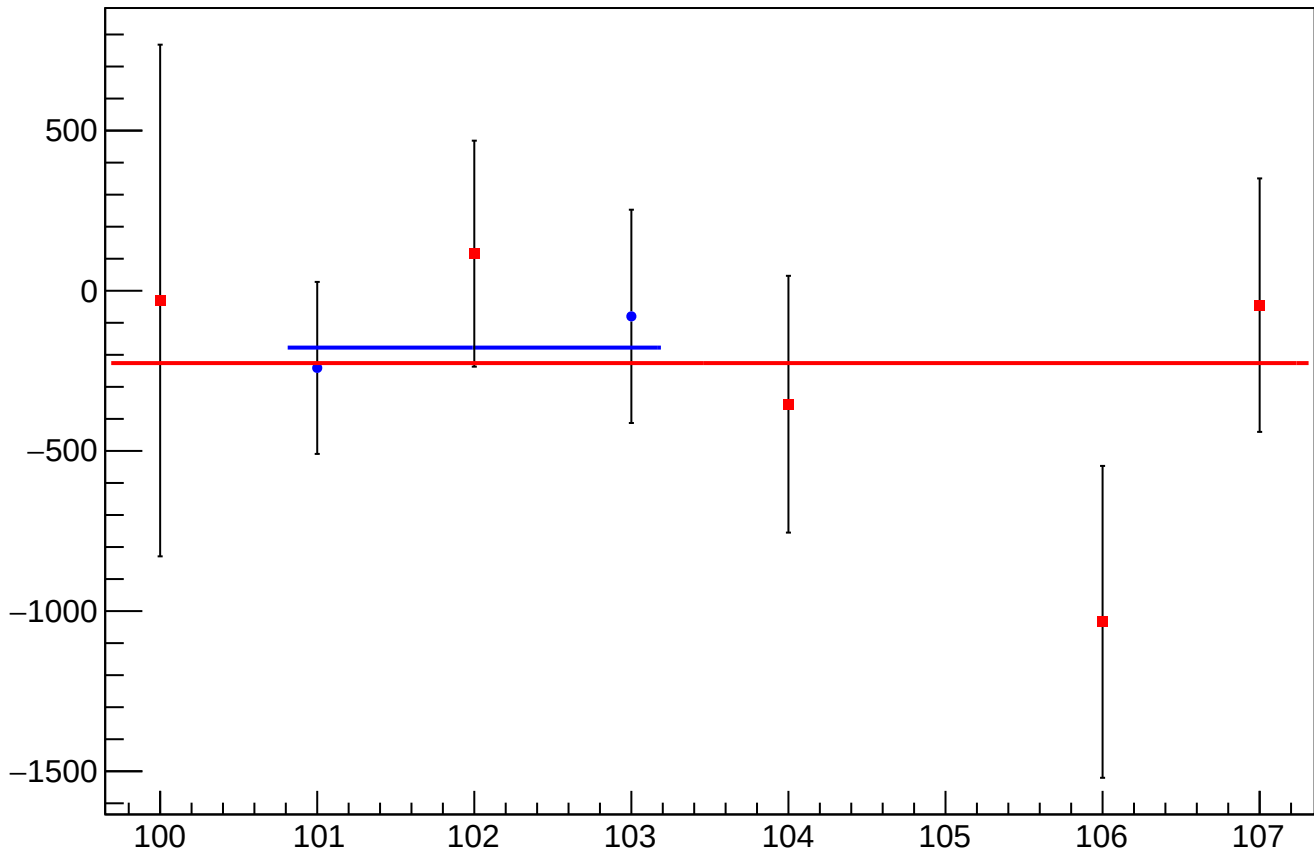
Right: 14189.508+/-6.015 χ^2/NDF : 185791.4/6

In: 14414.012+/-9.294 χ^2/NDF : 52953.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14189.508+/-6.015 χ^2/NDF : 185791.4/6

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: -177.428+/-208.991 χ^2/NDF : 0.1/1

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

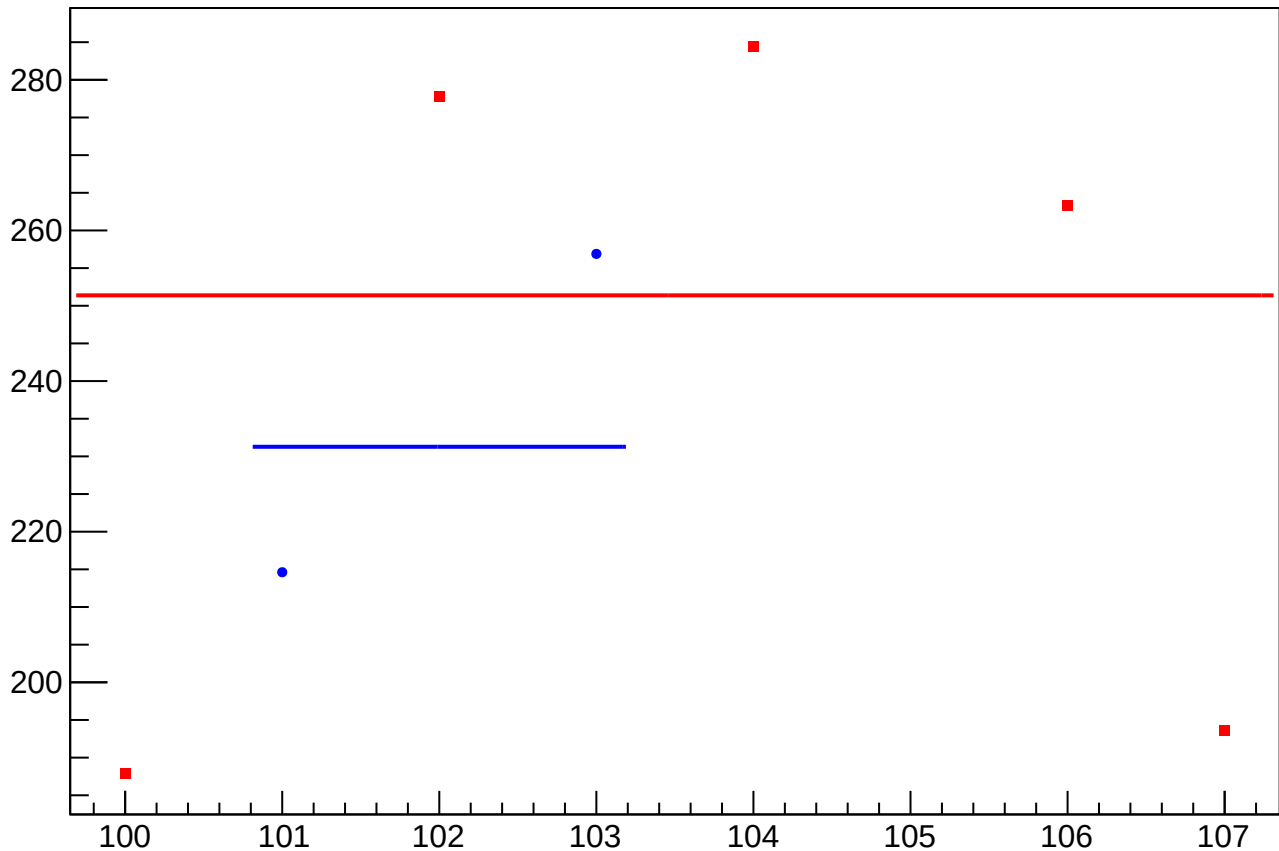
Right: -203.353+/-142.374 χ^2/NDF : 4.2/6

In: -177.428+/-208.991 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -203.353+/-142.374 χ^2/NDF : 4.2/6

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 231.278+/-0.148 χ^2/NDF : 19537.5/1

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

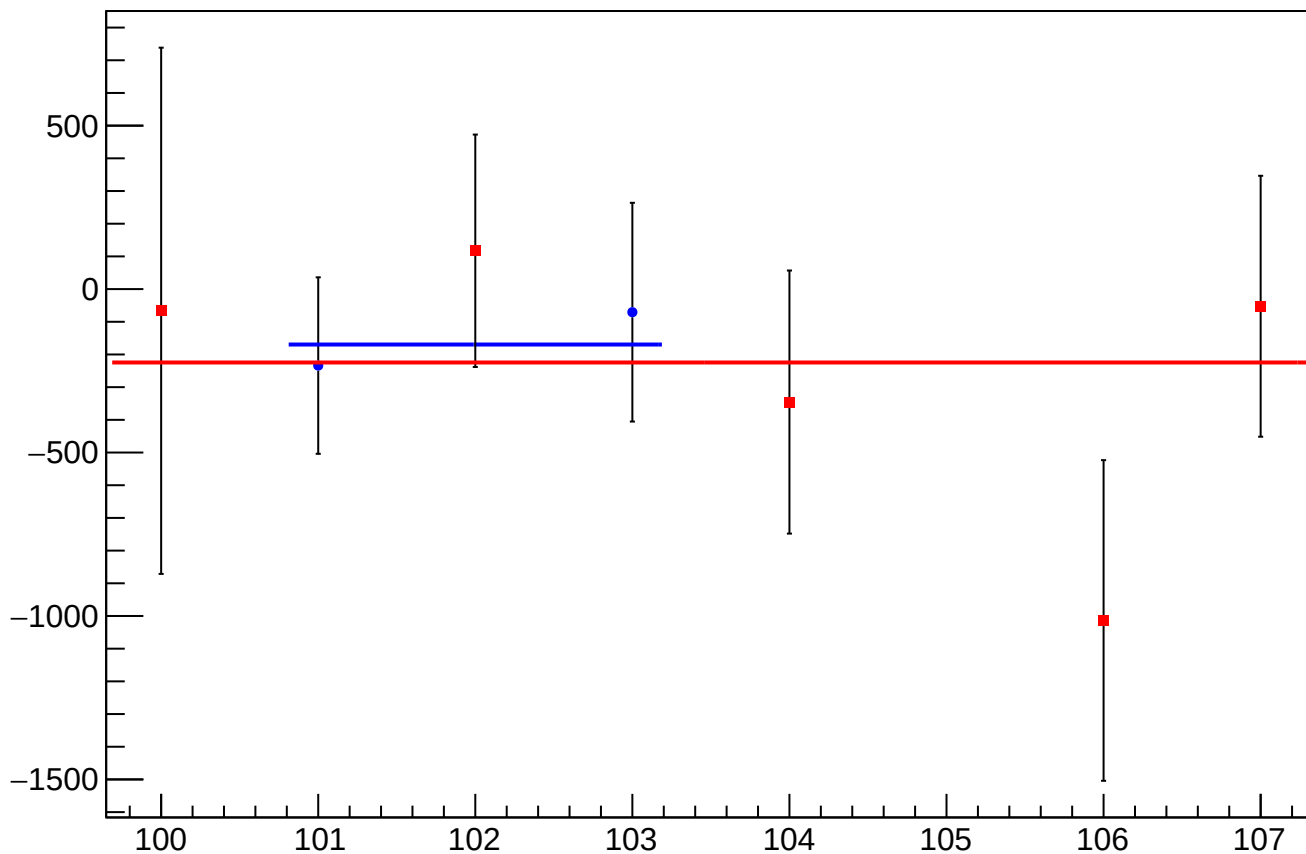
Right: 242.052+/-0.101 χ^2/NDF : 110644.7/6

In: 231.278+/-0.148 χ^2/NDF : 19537.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 242.052+/-0.101 χ^2/NDF : 110644.7/6

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: -169.570 $\pm$ 210.089 χ^2 /NDF: 0.1/1

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

Right Out: -224.534 $\pm$ 195.863 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

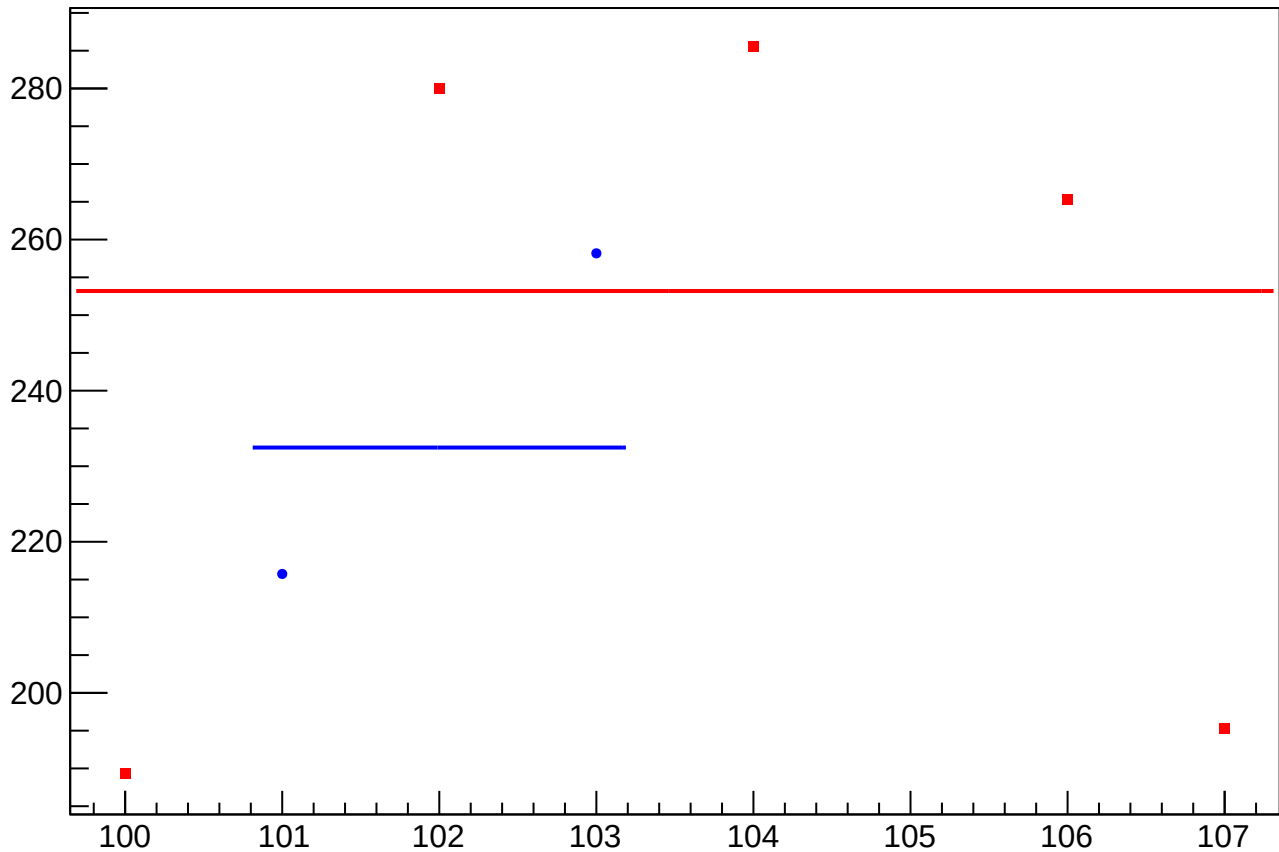
Right: -198.976 $\pm$ 143.262 χ^2 /NDF: 4.0/6

In: -169.570 $\pm$ 210.089 χ^2 /NDF: 0.1/1

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

All: -198.976 $\pm$ 143.262 χ^2 /NDF: 4.0/6

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 232.473+/-0.149 χ^2/NDF : 19489.3/1

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

Right Out: 253.192+/-0.138 χ^2/NDF : 80070.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

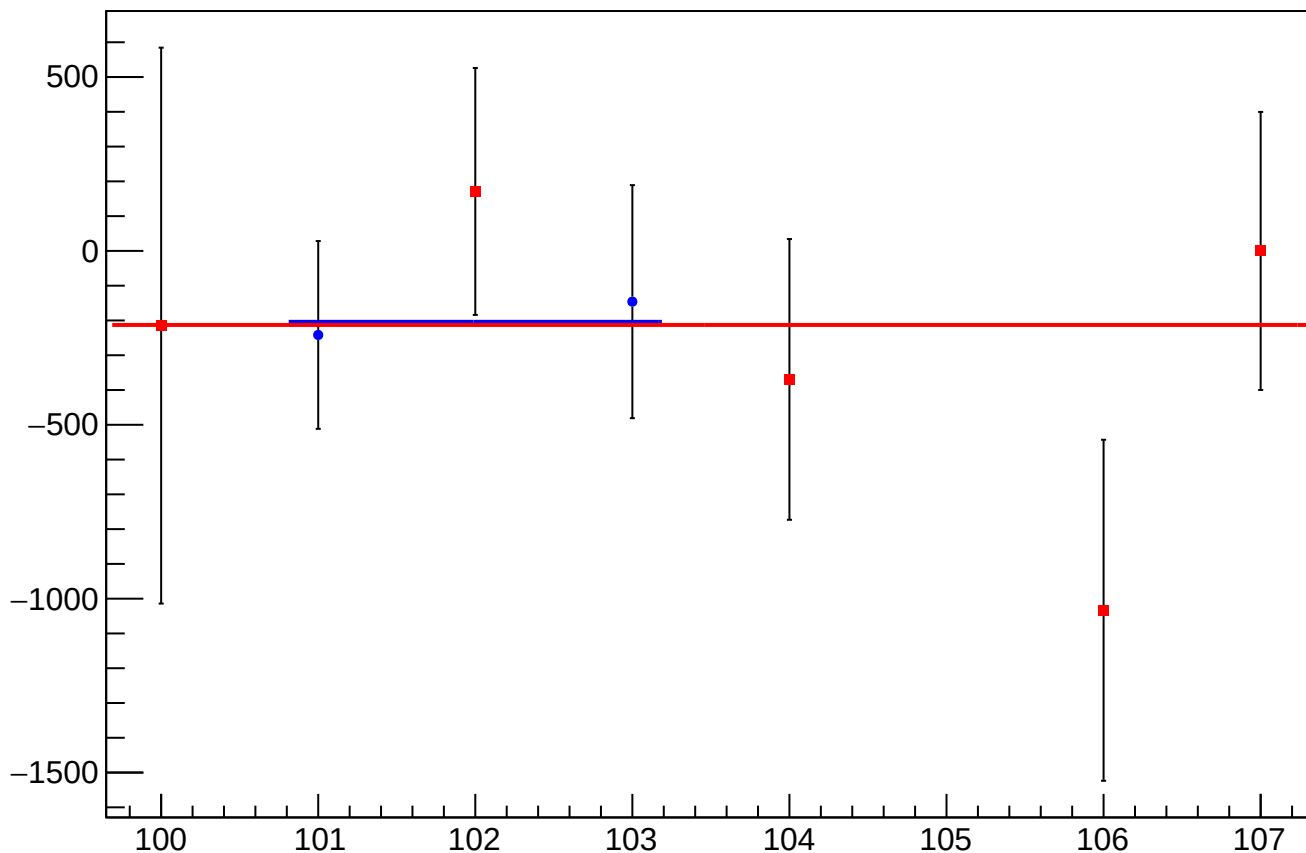
Right: 243.558+/-0.101 χ^2/NDF : 109967.4/6

In: 232.473+/-0.149 χ^2/NDF : 19489.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 243.558+/-0.101 χ^2/NDF : 109967.4/6

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: -203.977 $\pm$ 210.242 χ^2 /NDF: 0.0/1

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

Right Out: -212.910 $\pm$ 195.915 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

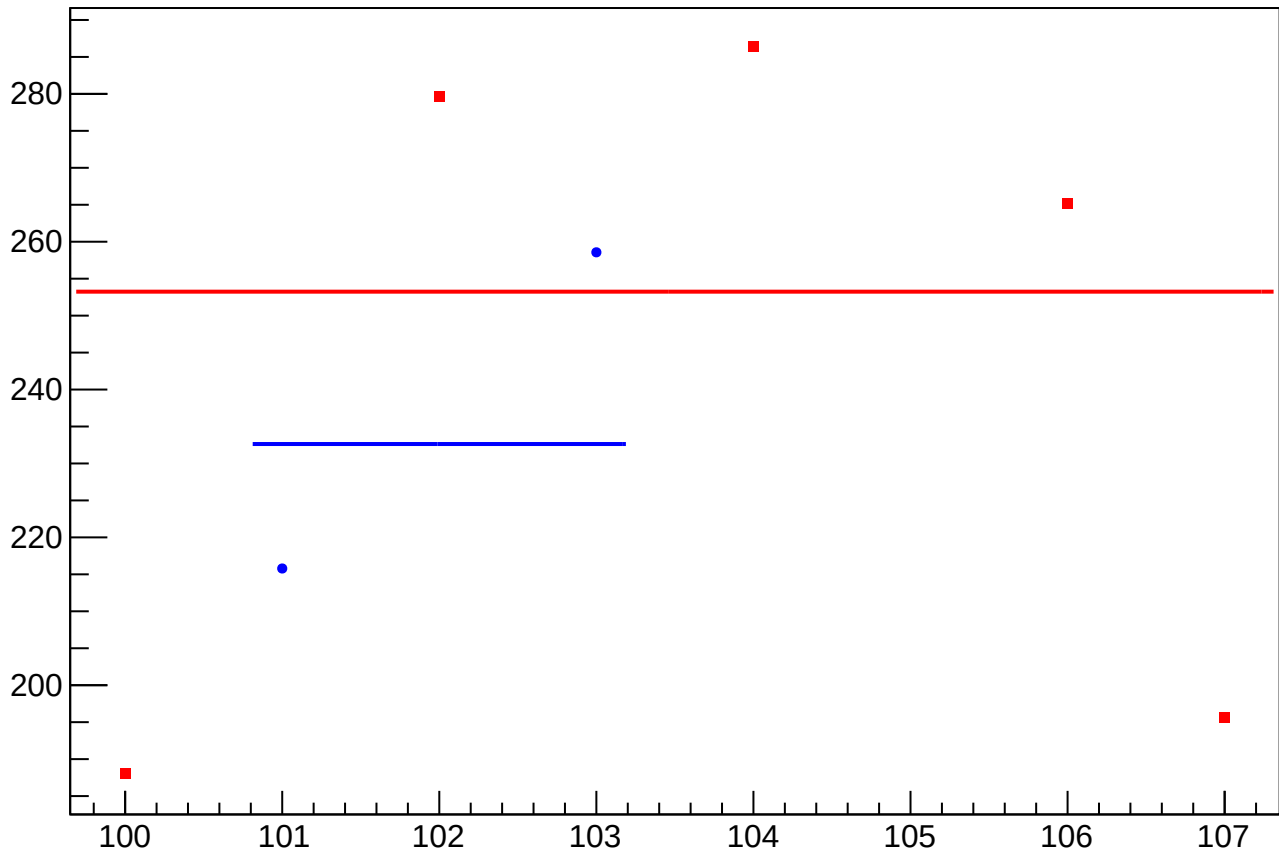
Right: -208.758 $\pm$ 143.330 χ^2 /NDF: 4.5/6

In: -203.977 $\pm$ 210.242 χ^2 /NDF: 0.0/1

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

All: -208.758 $\pm$ 143.330 χ^2 /NDF: 4.5/6

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 232.630+/-0.149 χ^2/NDF : 19763.1/1

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

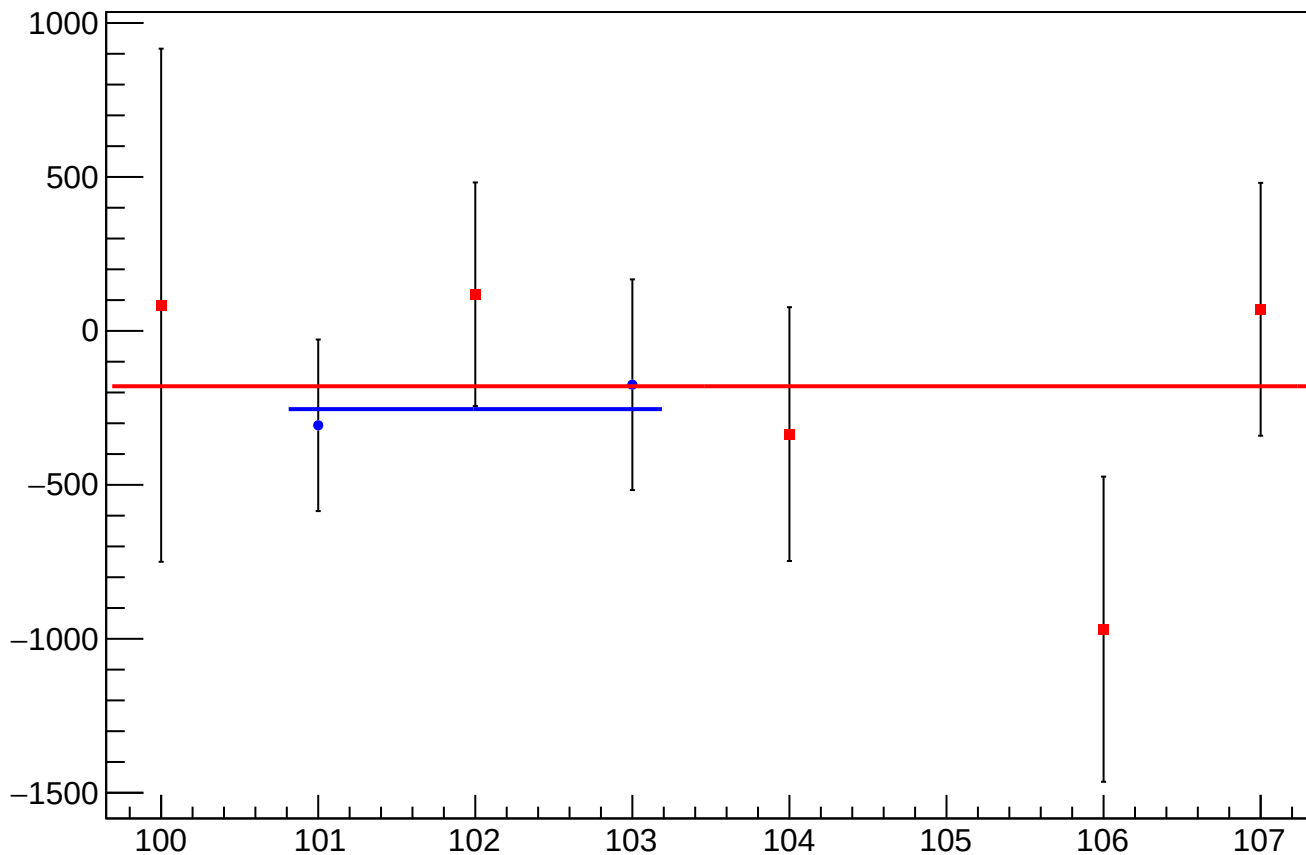
Right: 243.663+/-0.101 χ^2/NDF : 110547.3/6

In: 232.630+/-0.149 χ^2/NDF : 19763.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 243.663+/-0.101 χ^2/NDF : 110547.3/6

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: -254.032+/-216.015 χ^2/NDF : 0.1/1

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

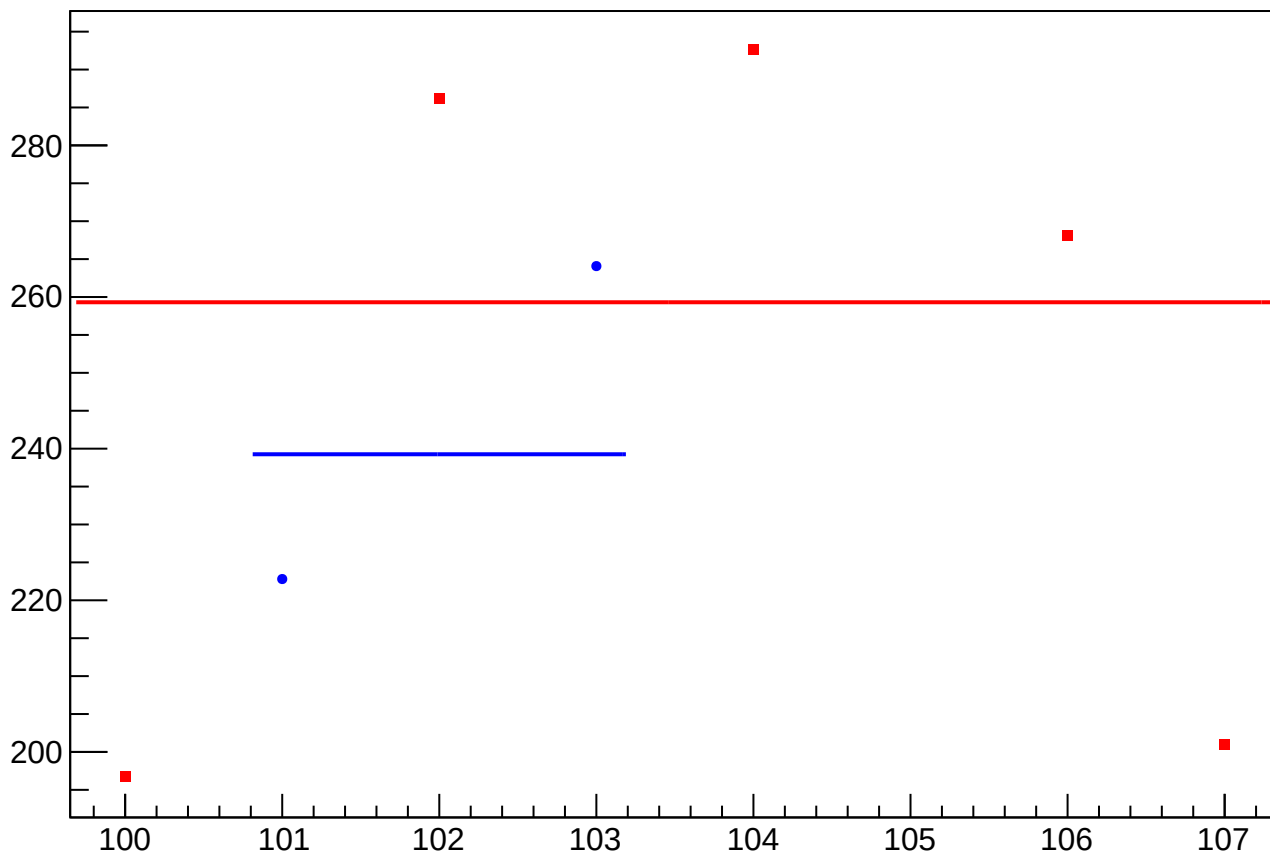
Right: -214.097+/-146.894 χ^2/NDF : 4.0/6

In: -254.032+/-216.015 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -214.097+/-146.894 χ^2/NDF : 4.0/6

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 239.261+/-0.153 χ^2/NDF : 17505.7/1

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

Right Out: 259.309+/-0.142 χ^2/NDF : 76146.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

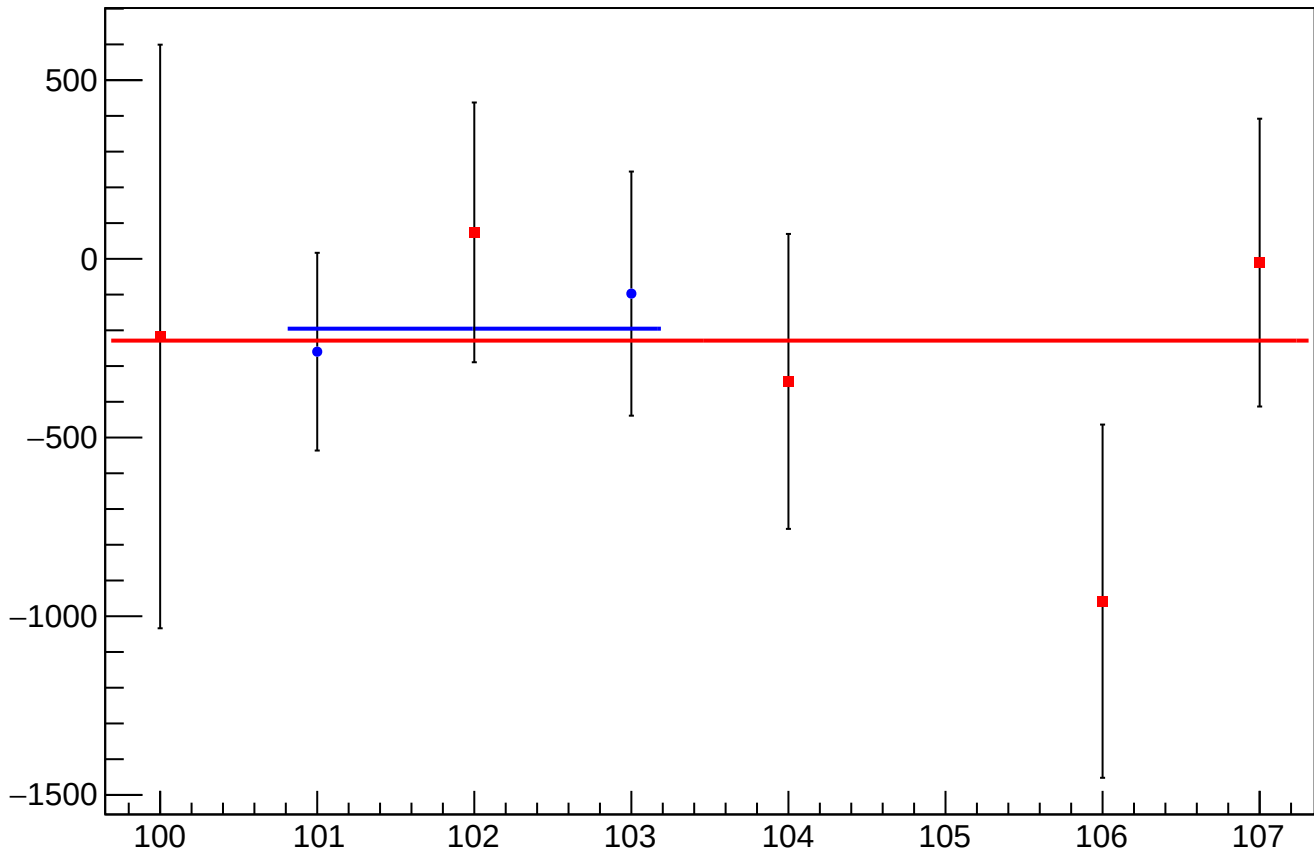
Right: 250.039+/-0.104 χ^2/NDF : 102912.9/6

In: 239.261+/-0.153 χ^2/NDF : 17505.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 250.039+/-0.104 χ^2/NDF : 102912.9/6

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: -195.390 $\pm$ 214.955 χ^2 /NDF: 0.1/1

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

Right Out: -228.770 $\pm$ 199.174 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

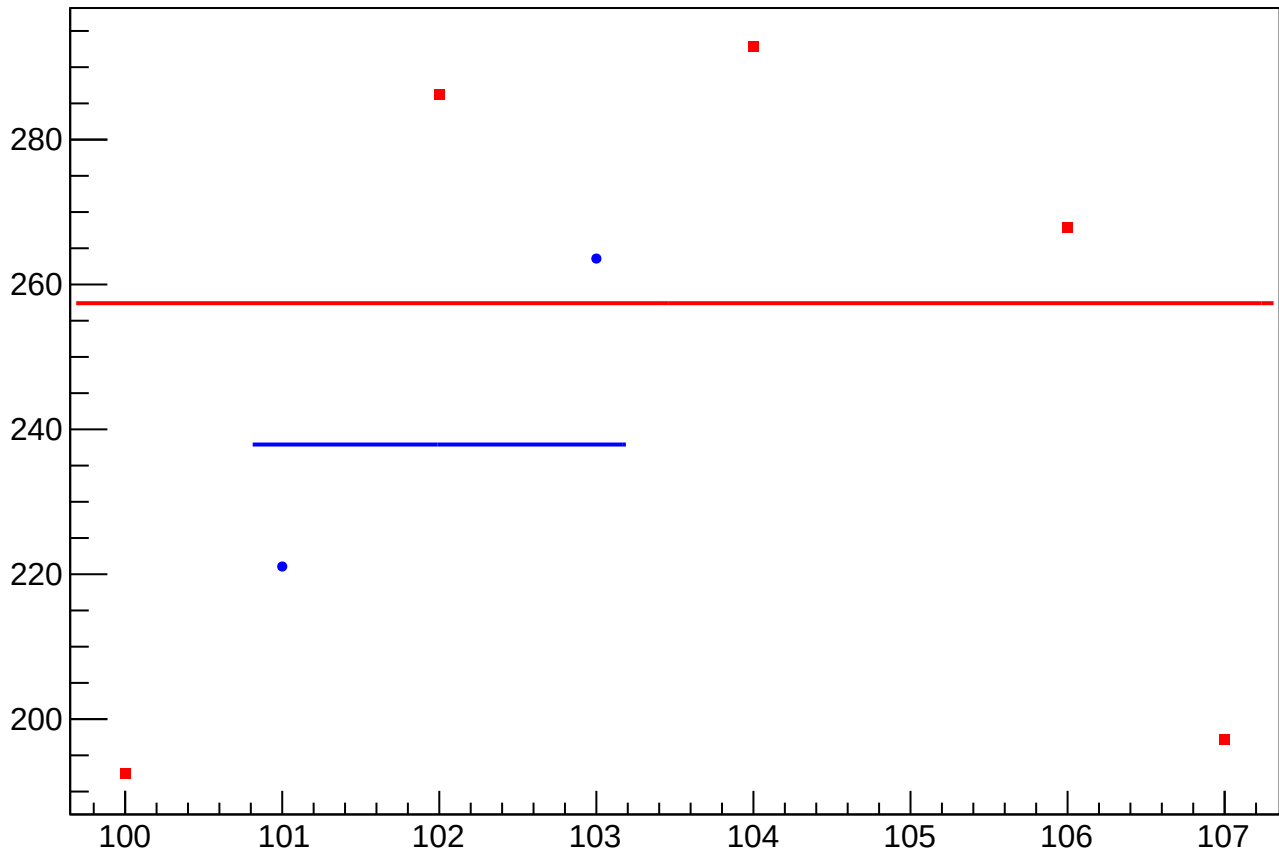
Right: -213.350 $\pm$ 146.098 χ^2 /NDF: 3.4/6

In: -195.390 $\pm$ 214.955 χ^2 /NDF: 0.1/1

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

All: -213.350 $\pm$ 146.098 χ^2 /NDF: 3.4/6

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 237.908 $\pm$ 0.152 χ^2 /NDF: 18710.7/1

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

Right Out: 257.419 $\pm$ 0.141 χ^2 /NDF: 85663.1/4

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

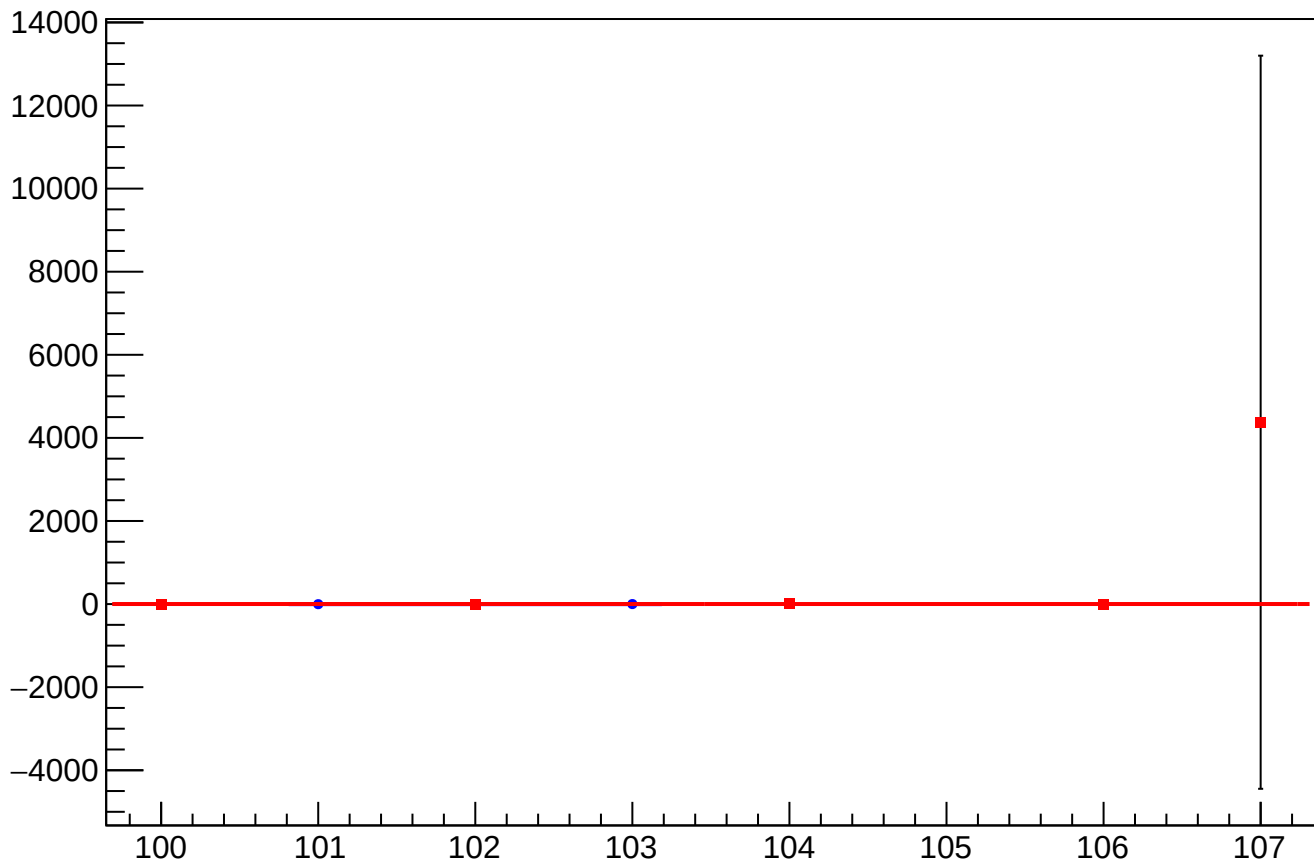
Right: 248.406 $\pm$ 0.103 χ^2 /NDF: 113240.2/6

In: 237.908 $\pm$ 0.152 χ^2 /NDF: 18710.7/1

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

All: 248.406 $\pm$ 0.103 χ^2 /NDF: 113240.2/6

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.218+/-2.171 χ^2/NDF : 0.4/1

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

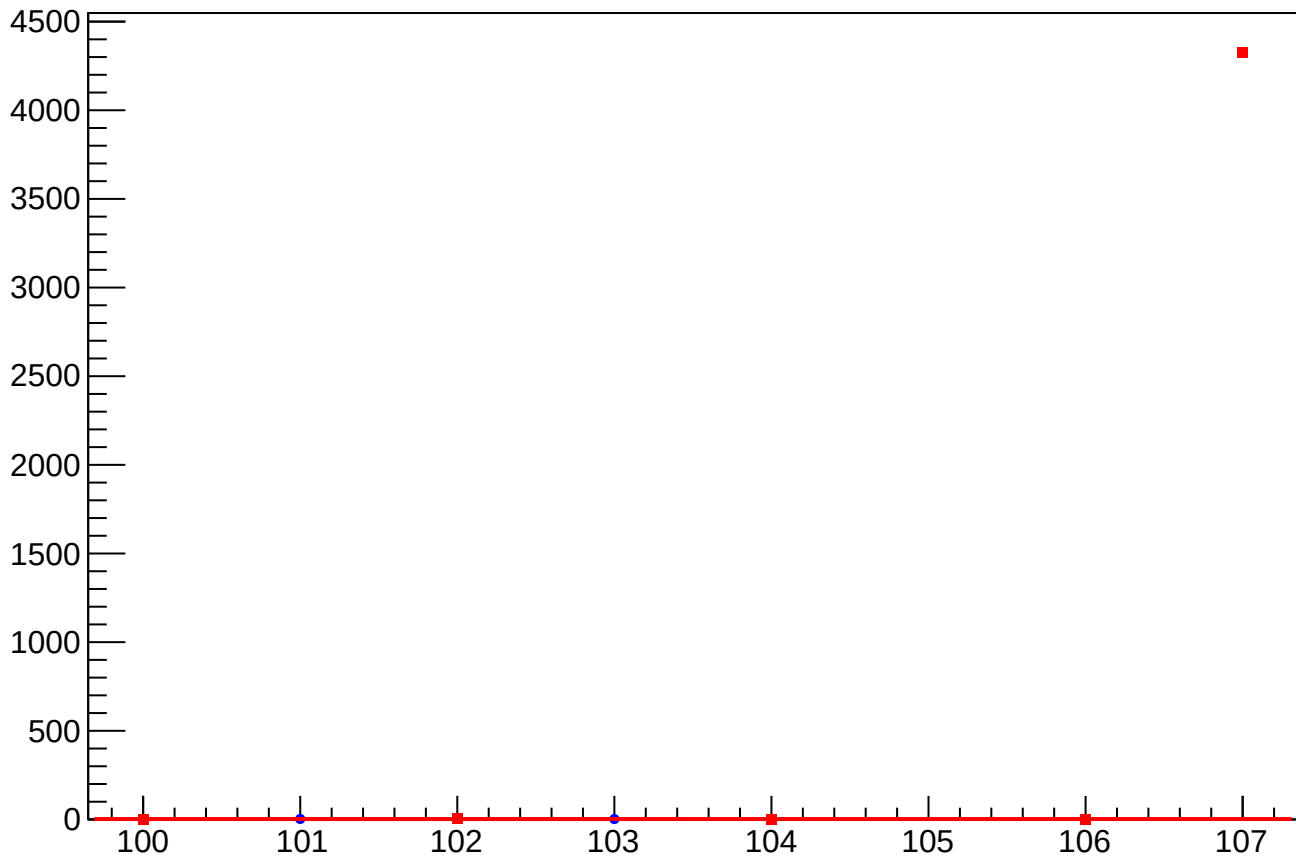
Right: 0.163+/-1.480 χ^2/NDF : 6.6/6

In: -1.218+/-2.171 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.163+/-1.480 χ^2/NDF : 6.6/6

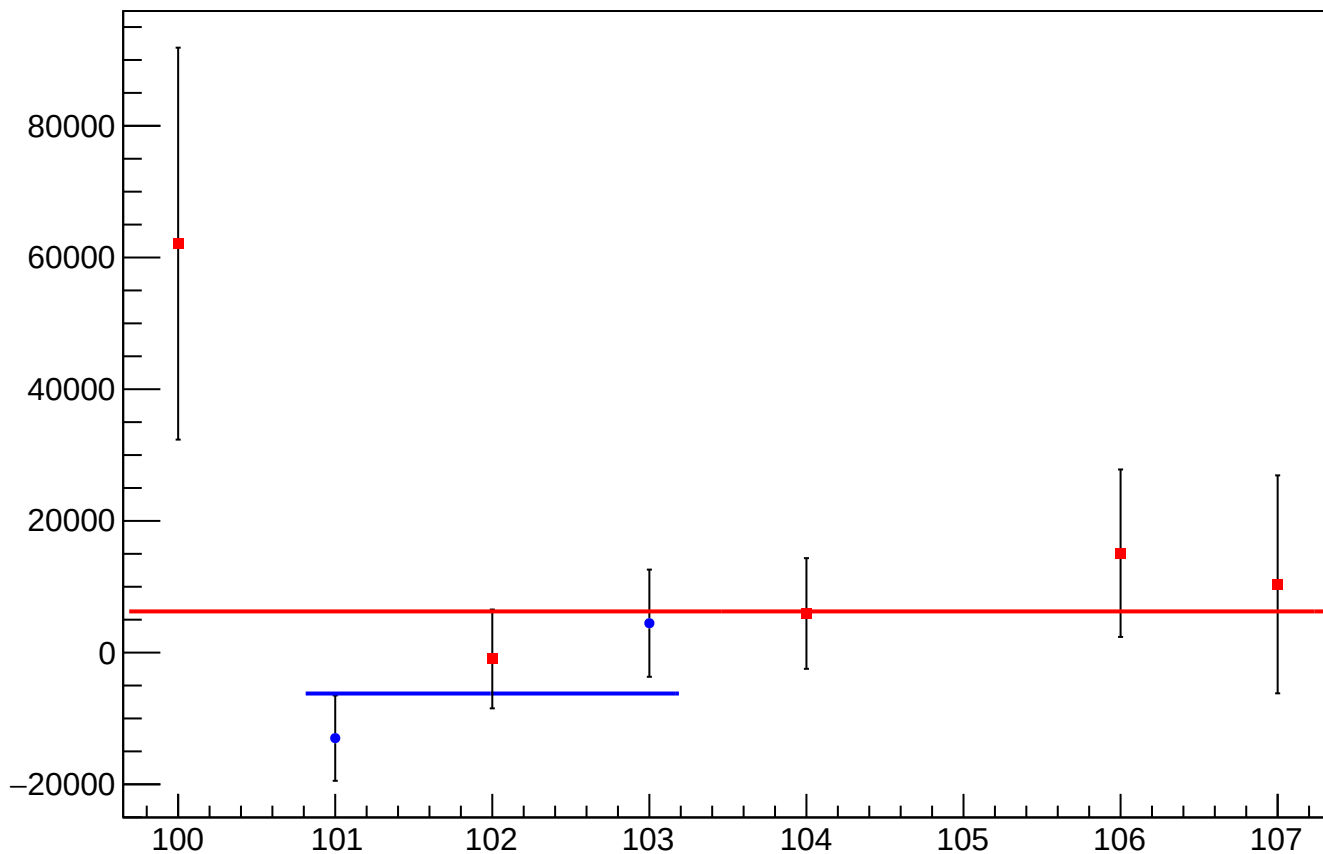
asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.430+/-0.002 χ^2/NDF : 15057.9/1
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 : 509436.8/6
In: 2.430+/-0.002 χ^2/NDF : 15057.9/1
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 2.426+/-0.001 χ^2/NDF : 509436.8/6

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: -6213.684 $\pm$ 5069.925 χ^2 /NDF: 2.8/1

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

Right Out: 6254.955 $\pm$ 4828.272 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

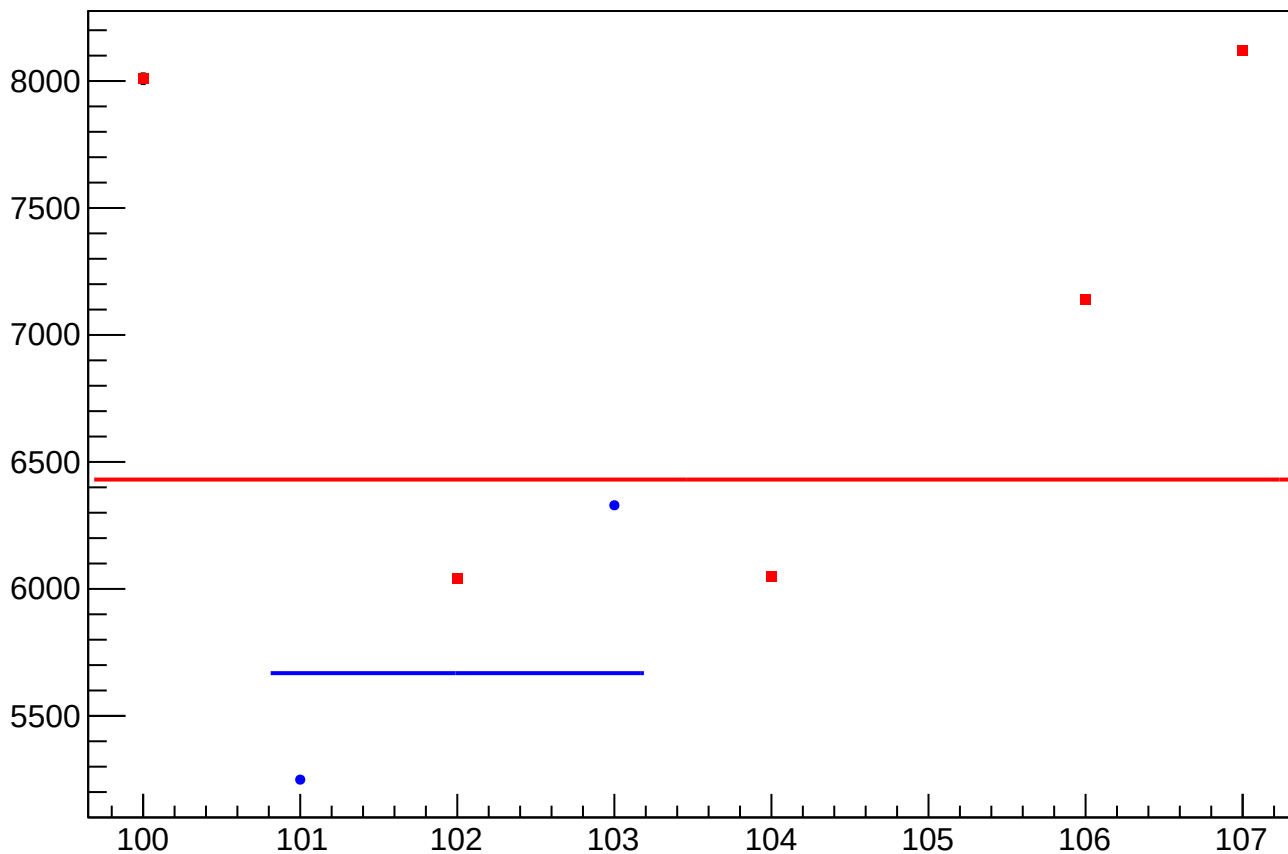
Right: 324.862 $\pm$ 3496.413 χ^2 /NDF: 11.0/6

In: -6213.684 $\pm$ 5069.925 χ^2 /NDF: 2.8/1

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

All: 324.862 $\pm$ 3496.413 χ^2 /NDF: 11.0/6

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 5668.275+/-3.585 χ^2/NDF : 21567.9/1

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

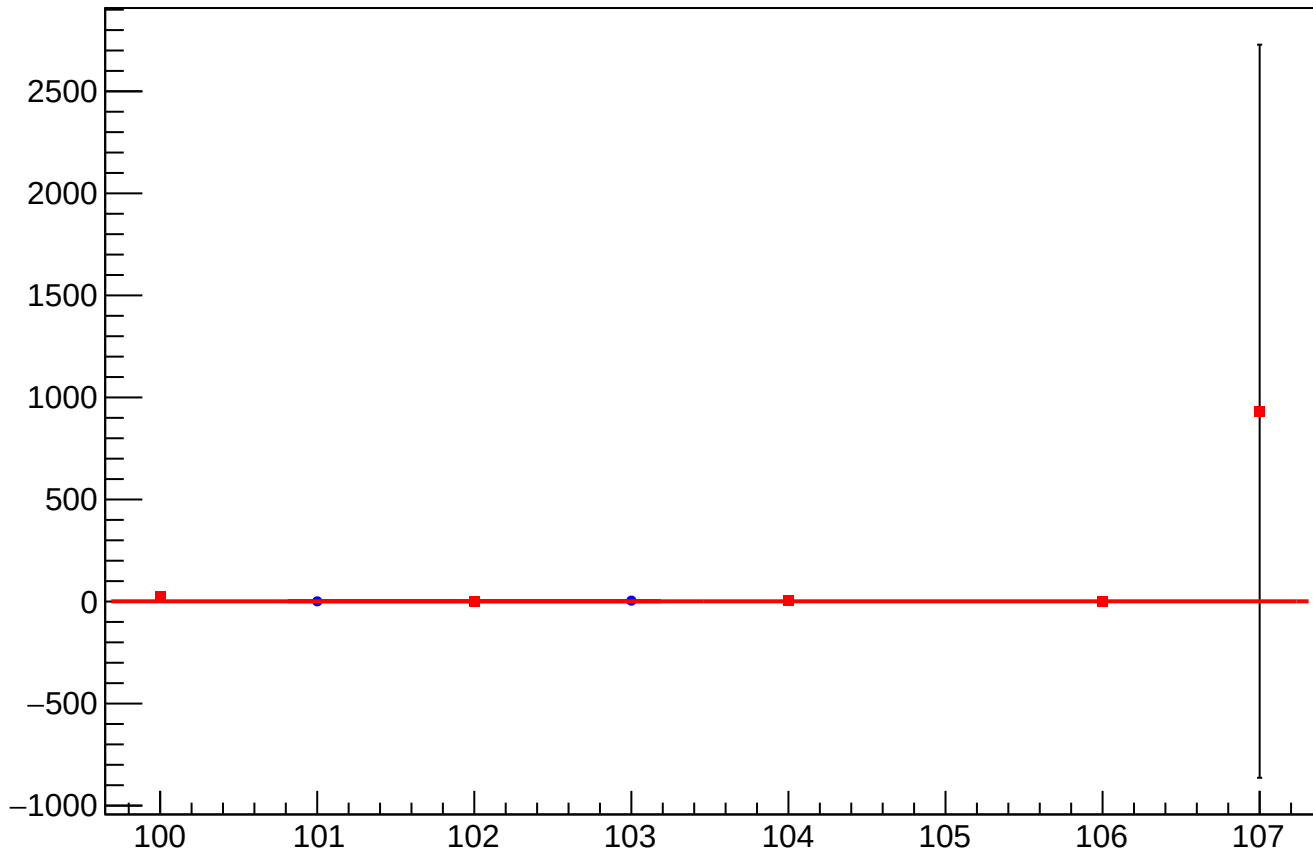
Right: 6068.050+/-2.472 χ^2/NDF : 87531.7/6

In: 5668.275+/-3.585 χ^2/NDF : 21567.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6068.050+/-2.472 χ^2/NDF : 87531.7/6

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: 1.443+/-1.660 χ^2/NDF : 0.4/1

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

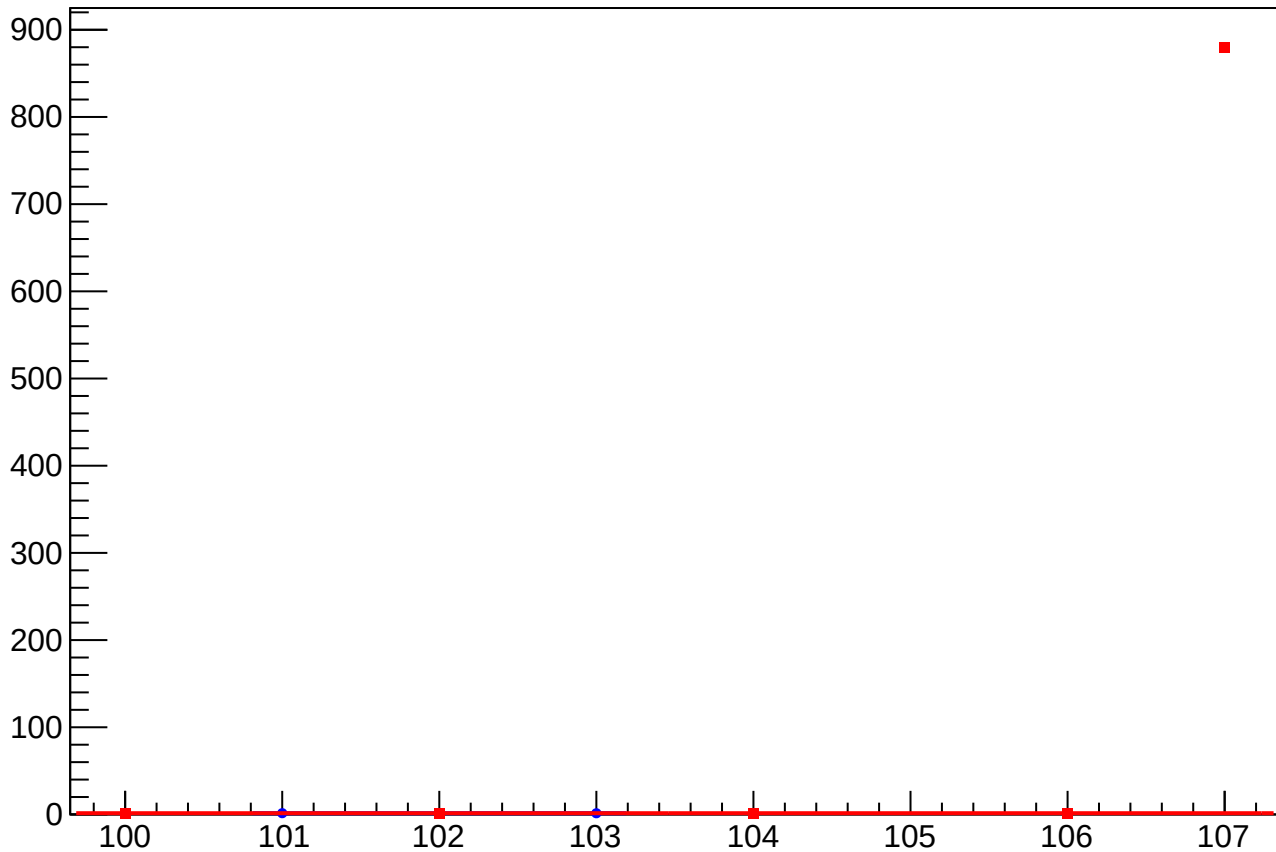
Right: 1.265+/-1.124 χ^2/NDF : 3.2/6

In: 1.443+/-1.660 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.265+/-1.124 χ^2/NDF : 3.2/6

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.429+/-0.001 χ^2/NDF : 435.3/1

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

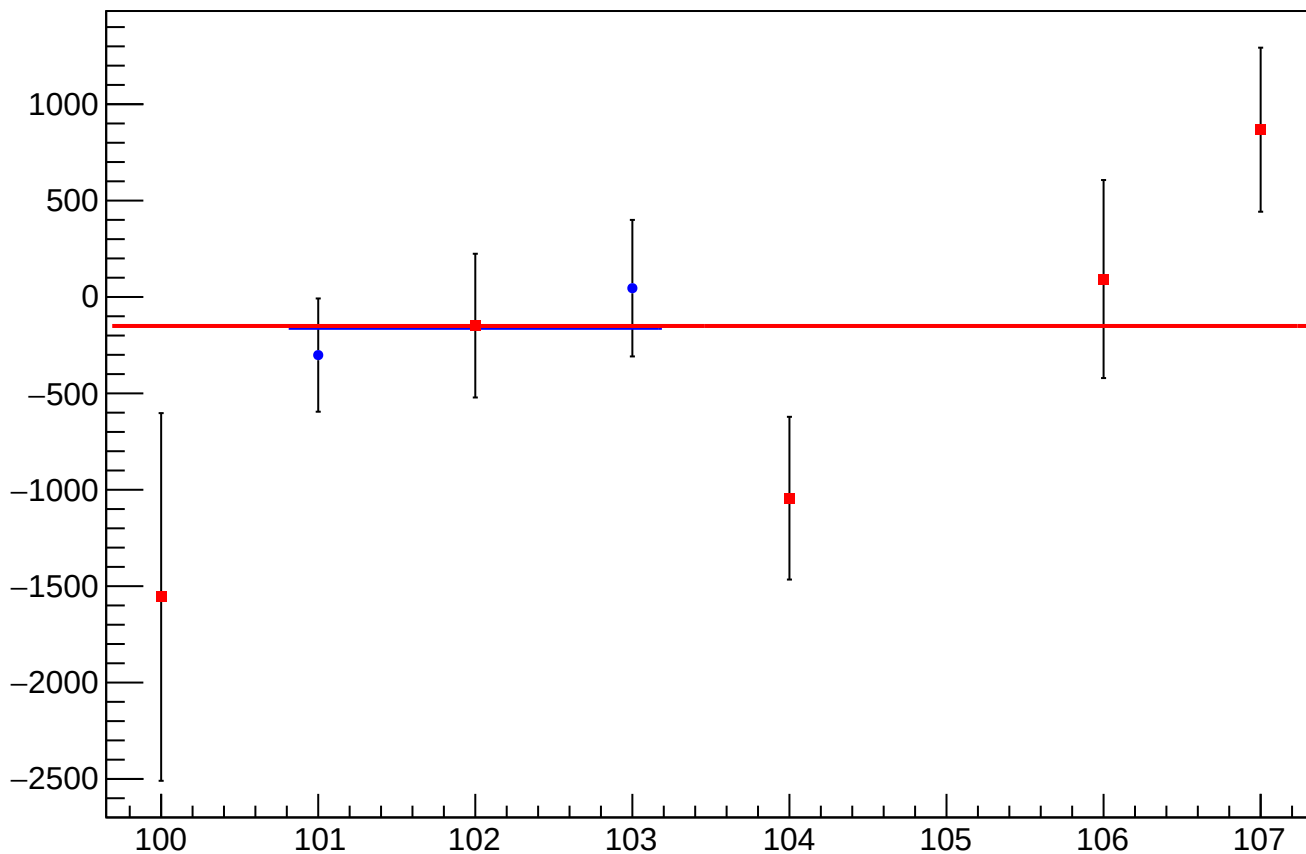
Right: 1.432+/-0.001 χ^2/NDF : 479274.8/6

In: 1.429+/-0.001 χ^2/NDF : 435.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.432+/-0.001 χ^2/NDF : 479274.8/6

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: -159.889+/-226.066 χ^2/NDF : 0.6/1

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

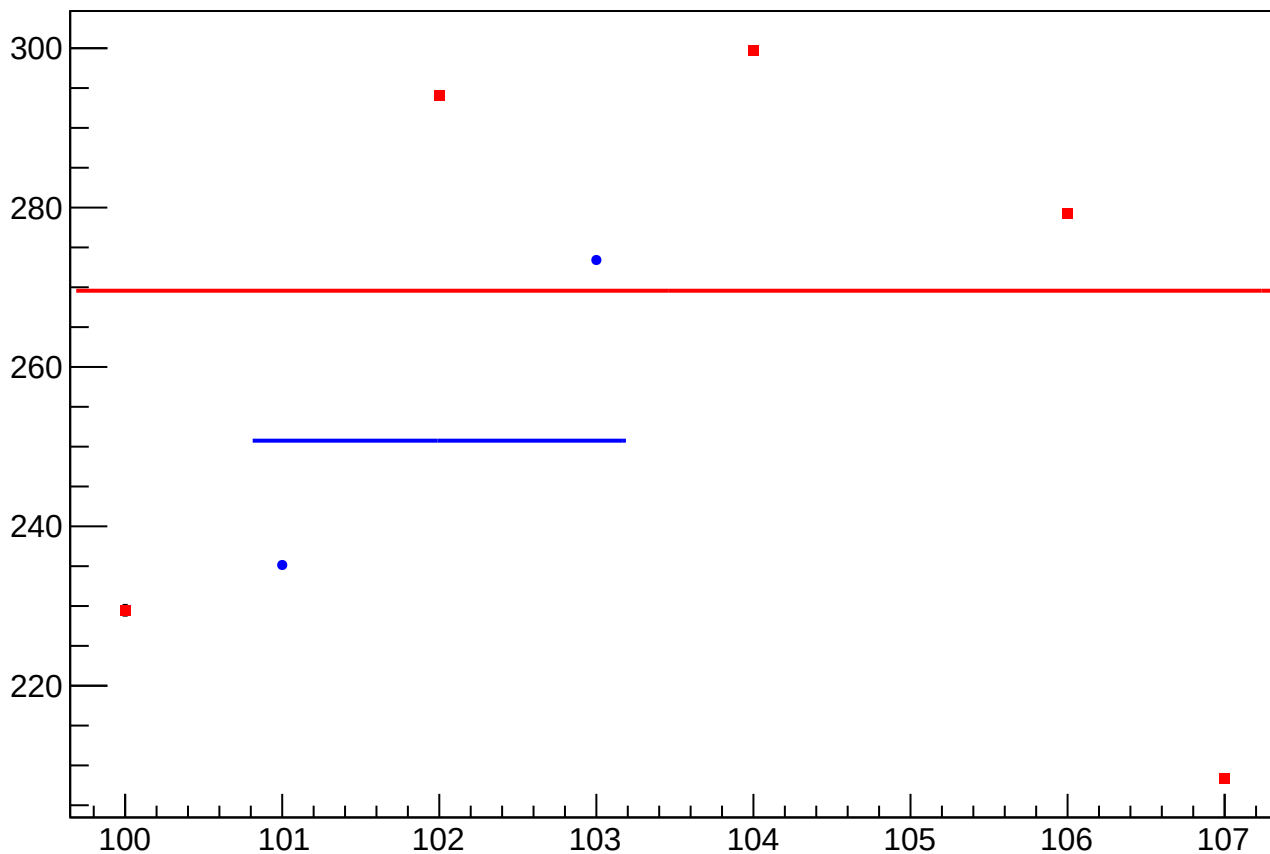
Right: -154.712+/-152.869 χ^2/NDF : 13.2/6

In: -159.889+/-226.066 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -154.712+/-152.869 χ^2/NDF : 13.2/6

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 250.750+/-0.160 χ^2/NDF : 13841.9/1

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

Right Out: 269.568+/-0.147 χ^2/NDF : 64479.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

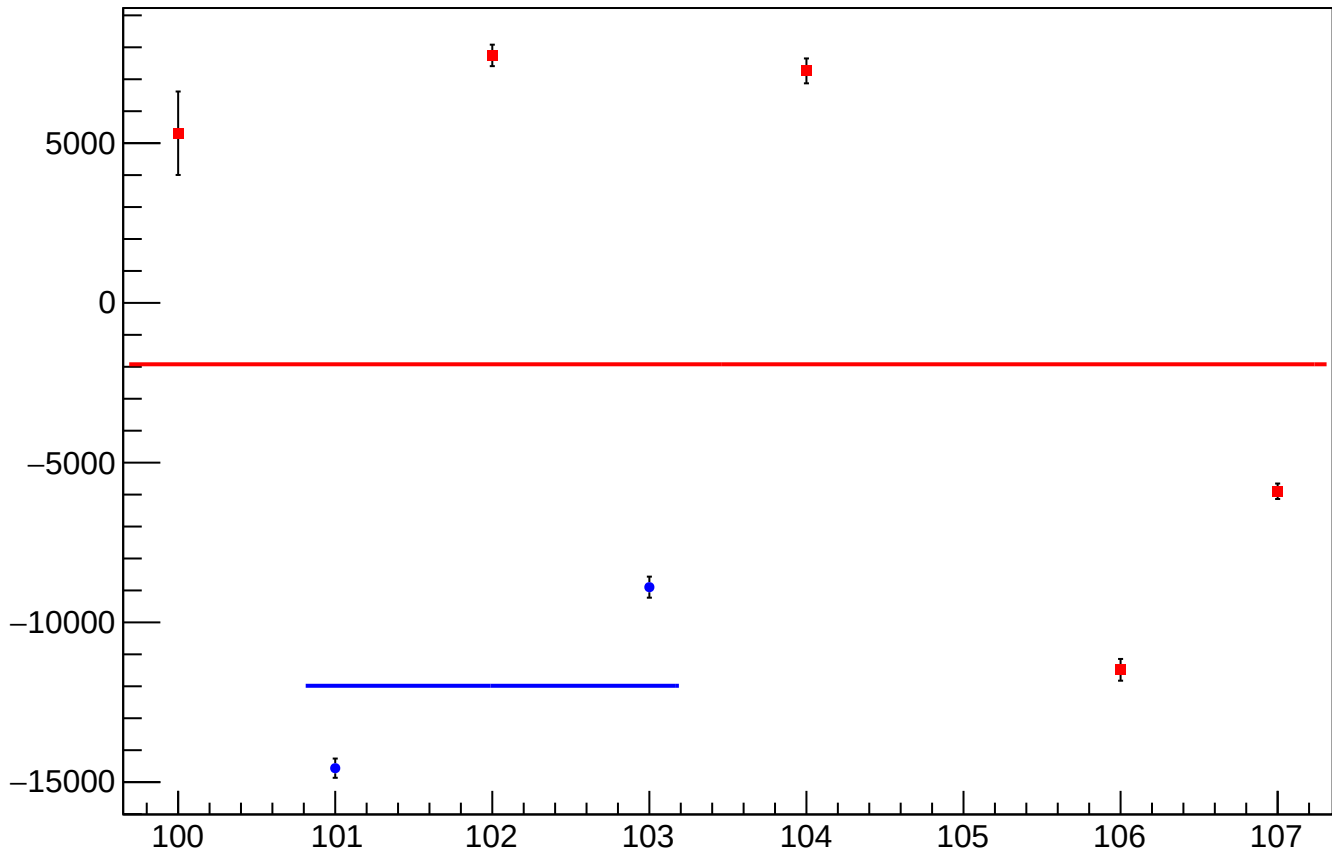
Right: 260.963+/-0.108 χ^2/NDF : 85842.7/6

In: 250.750+/-0.160 χ^2/NDF : 13841.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 260.963+/-0.108 χ^2/NDF : 85842.7/6

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: -11983.984+/-222.266 χ^2 /NDF: 161.1/1

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

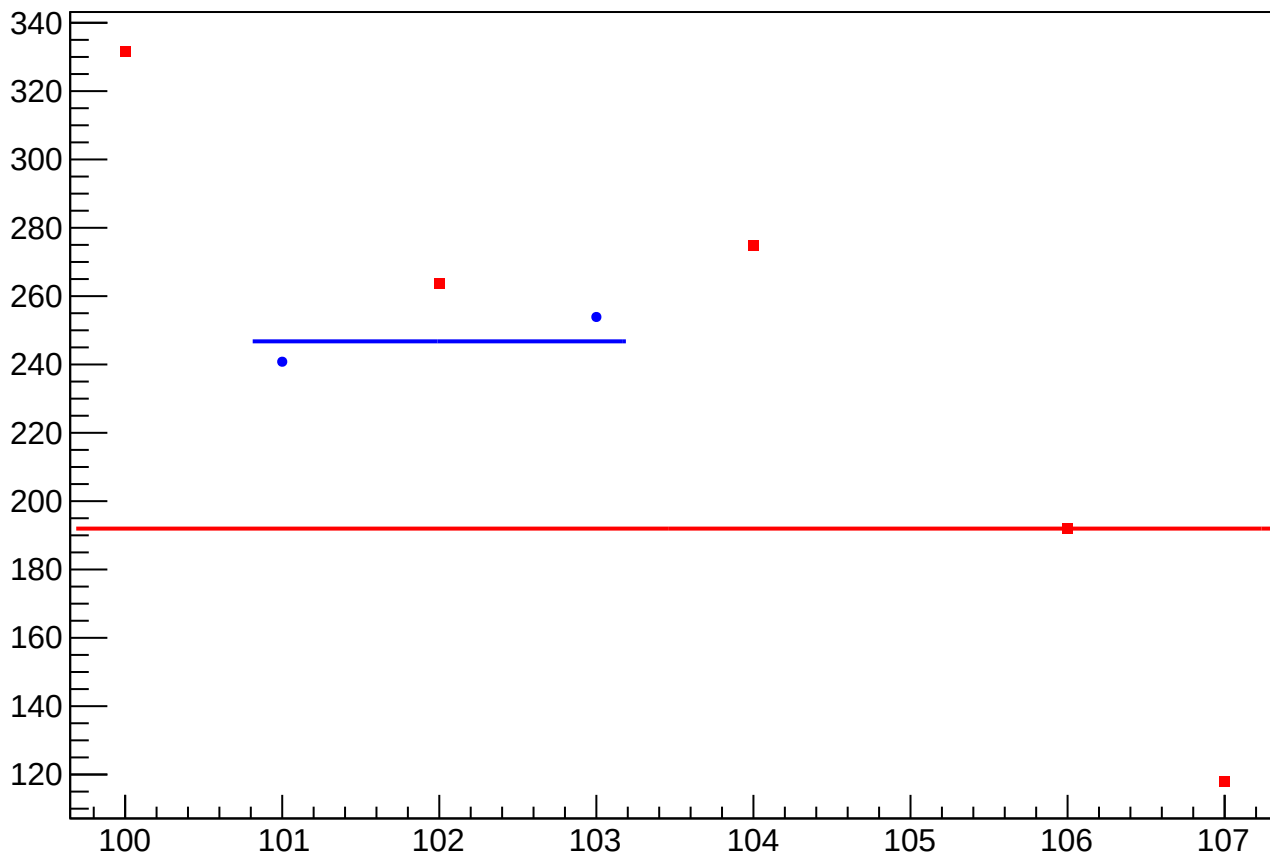
Right: -5207.424+/-127.014 χ^2 /NDF: 4015.2/6

In: -11983.984+/-222.266 χ^2 /NDF: 161.1/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -5207.424+/-127.014 χ^2 /NDF: 4015.2/6

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 246.769 $\pm$ 0.157 χ^2 /NDF: 1721.6/1

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

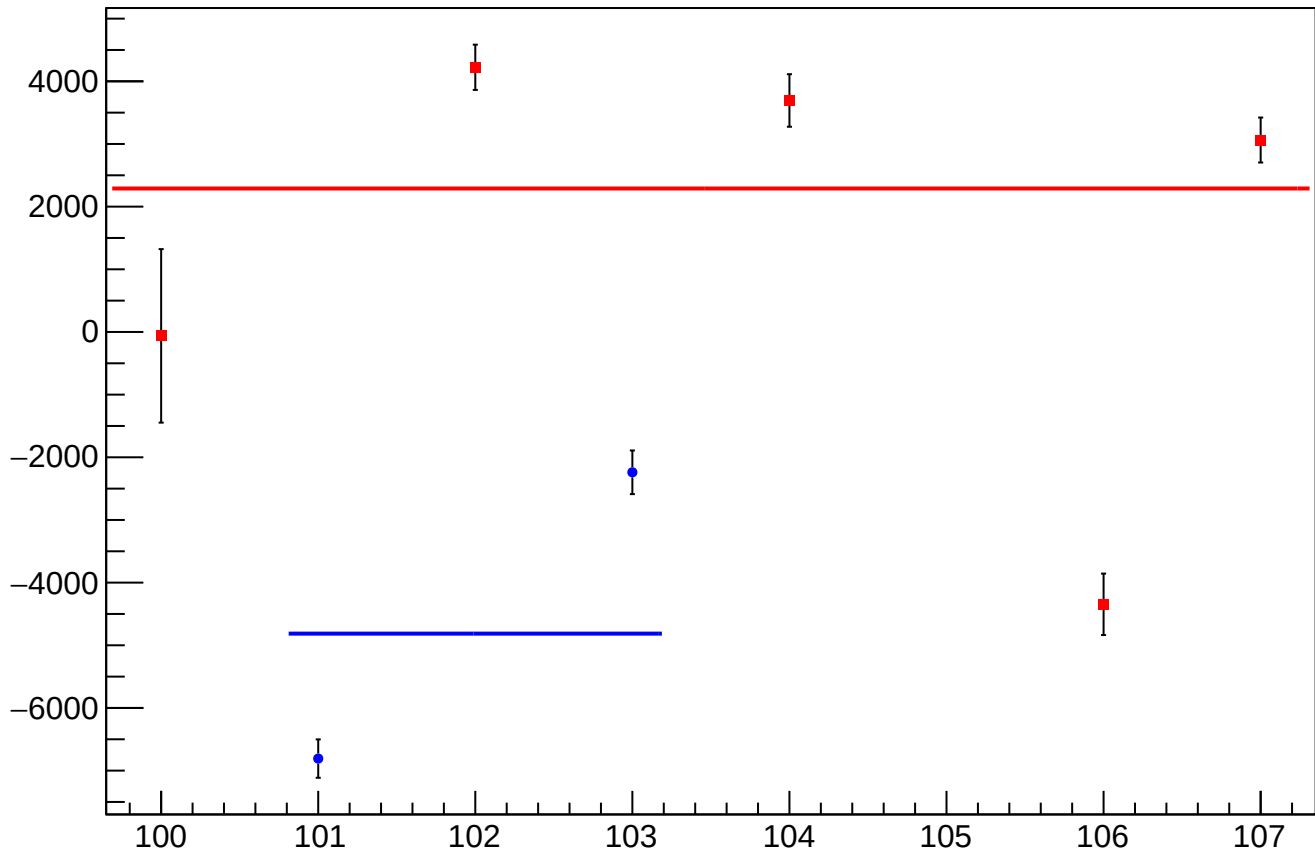
Right: 209.865 $\pm$ 0.090 χ^2 /NDF: 474439.3/6

In: 246.769 $\pm$ 0.157 χ^2 /NDF: 1721.6/1

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

All: 209.865 $\pm$ 0.090 χ^2 /NDF: 474439.3/6

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: -4813.875+/-230.103 χ^2/NDF : 97.0/1

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

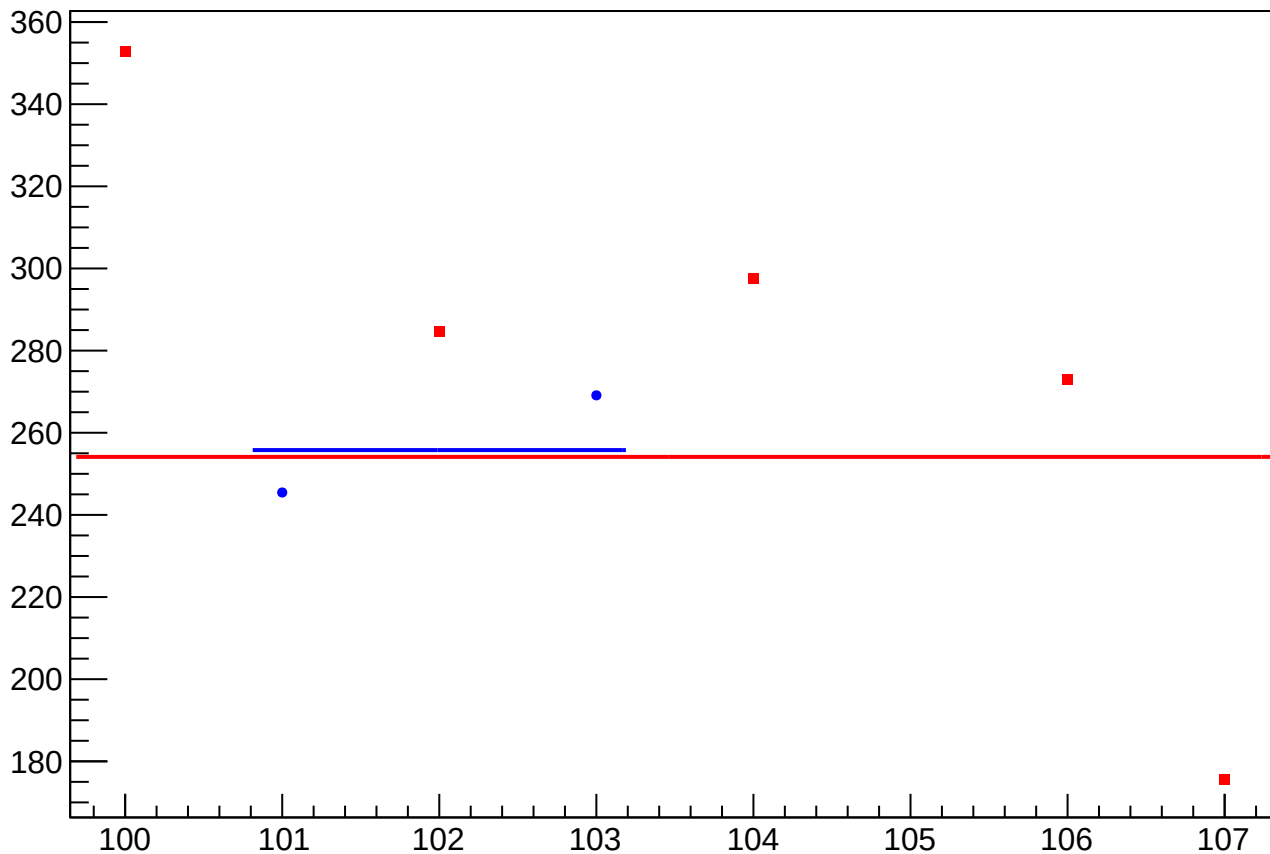
Right: -712.647+/-149.590 χ^2/NDF : 877.8/6

In: -4813.875+/-230.103 χ^2/NDF : 97.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -712.647+/-149.590 χ^2/NDF : 877.8/6

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 255.781+/-0.163 χ^2/NDF : 5200.5/1

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

Right Out: 254.126+/-0.139 χ^2/NDF : 144763.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

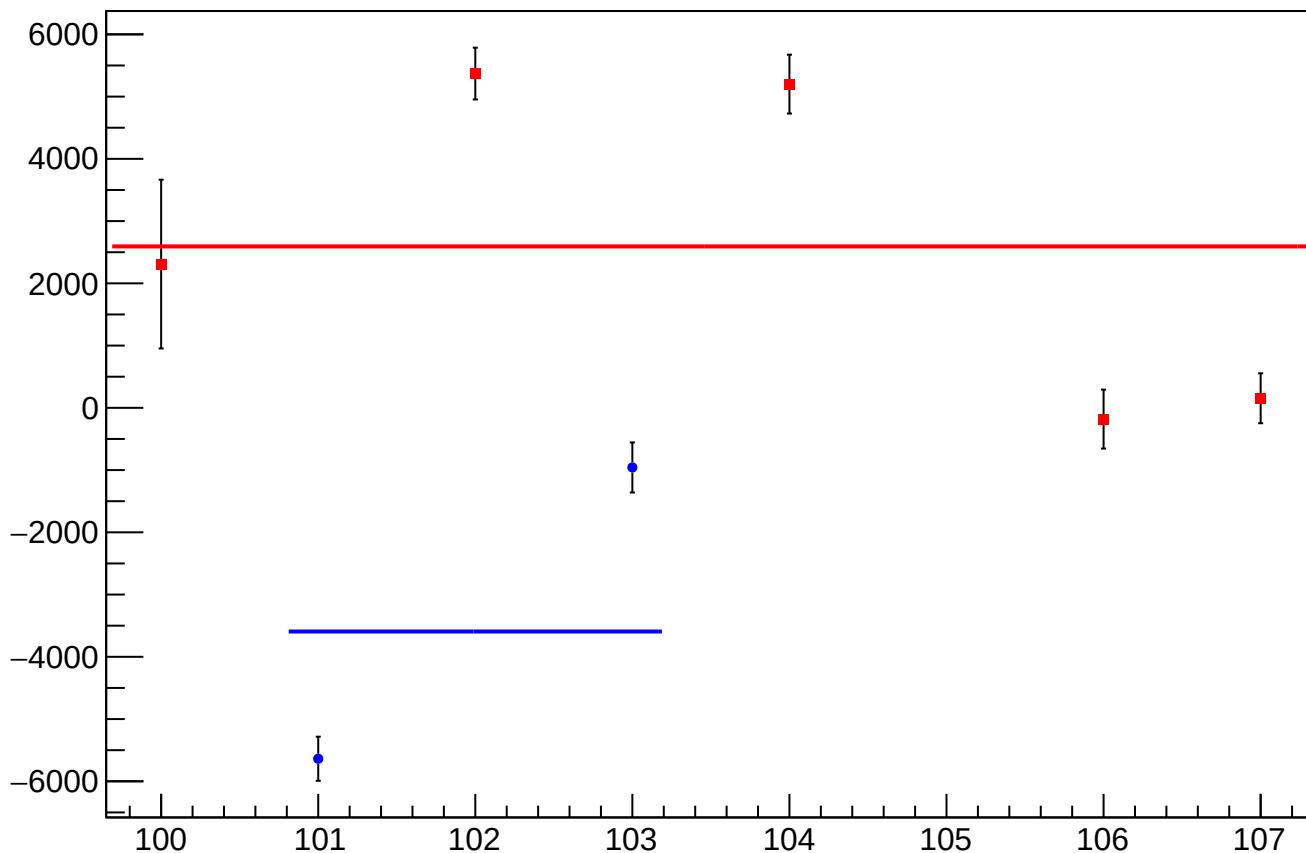
Right: 254.826+/-0.106 χ^2/NDF : 150024.0/6

In: 255.781+/-0.163 χ^2/NDF : 5200.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 254.826+/-0.106 χ^2/NDF : 150024.0/6

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: -3593.359 ± 265.856 $\chi^2/\text{NDF}: 76.2/1$

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

Right Out: 2593.434 ± 215.813 $\chi^2/\text{NDF}: 146.3/4$

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

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

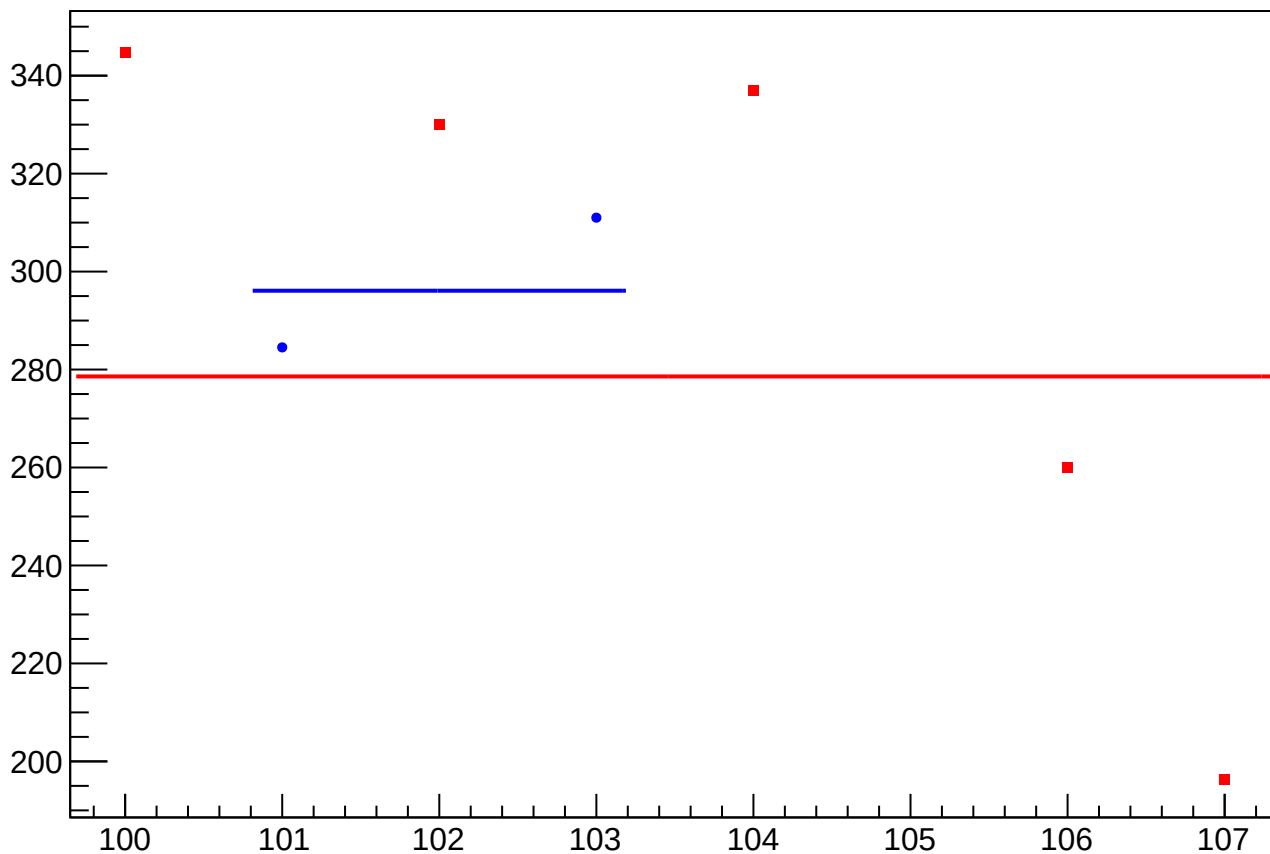
Right: 135.950 ± 167.555 $\chi^2/\text{NDF}: 549.0/6$

In: -3593.359 ± 265.856 $\chi^2/\text{NDF}: 76.2/1$

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

All: 135.950 ± 167.555 $\chi^2/\text{NDF}: 549.0/6$

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 296.093+/-0.188 χ^2/NDF : 4883.9/1

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

Right Out: 278.591+/-0.153 χ^2/NDF : 153138.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

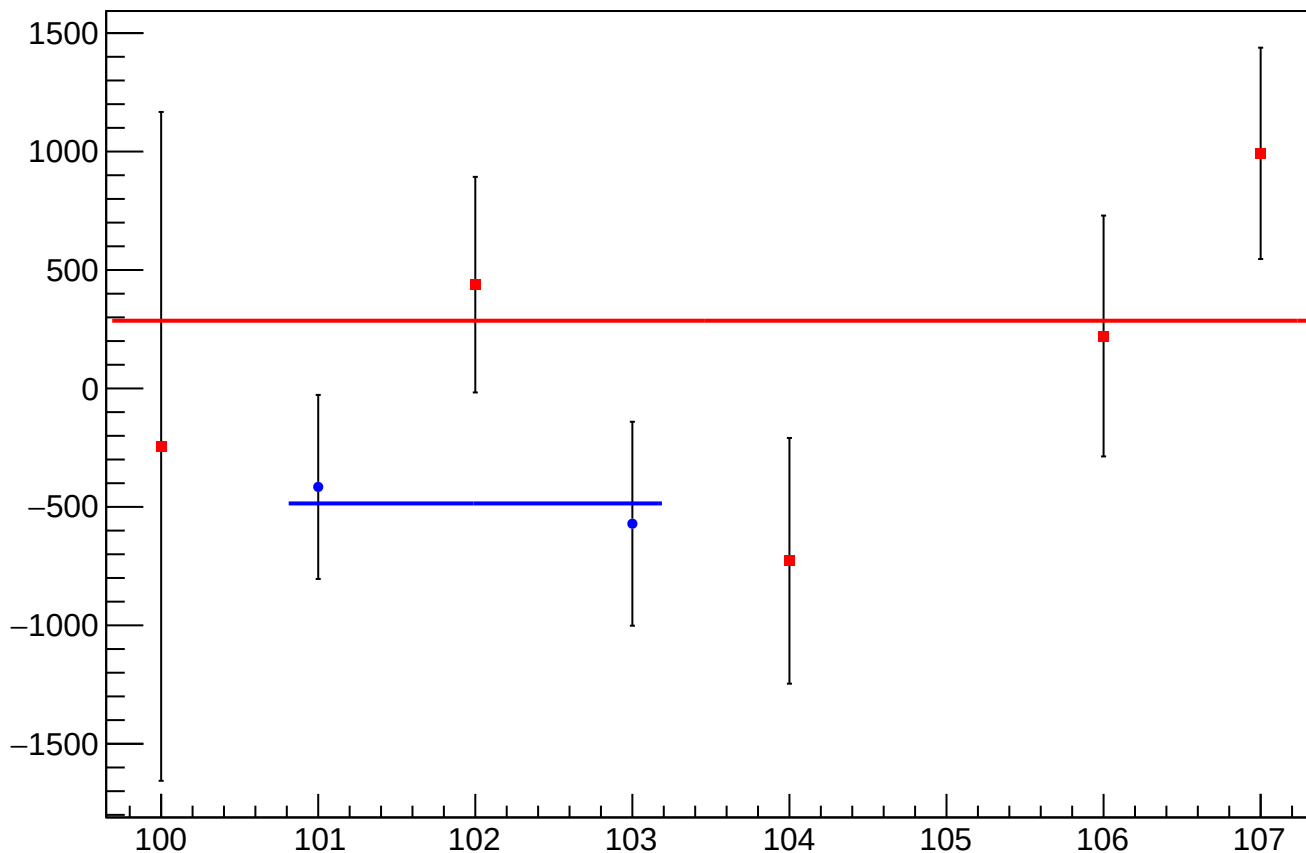
Right: 285.543+/-0.118 χ^2/NDF : 163247.4/6

In: 296.093+/-0.188 χ^2/NDF : 4883.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 285.543+/-0.118 χ^2/NDF : 163247.4/6

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -485.395 $\pm$ 288.376 χ^2 /NDF: 0.1/1

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

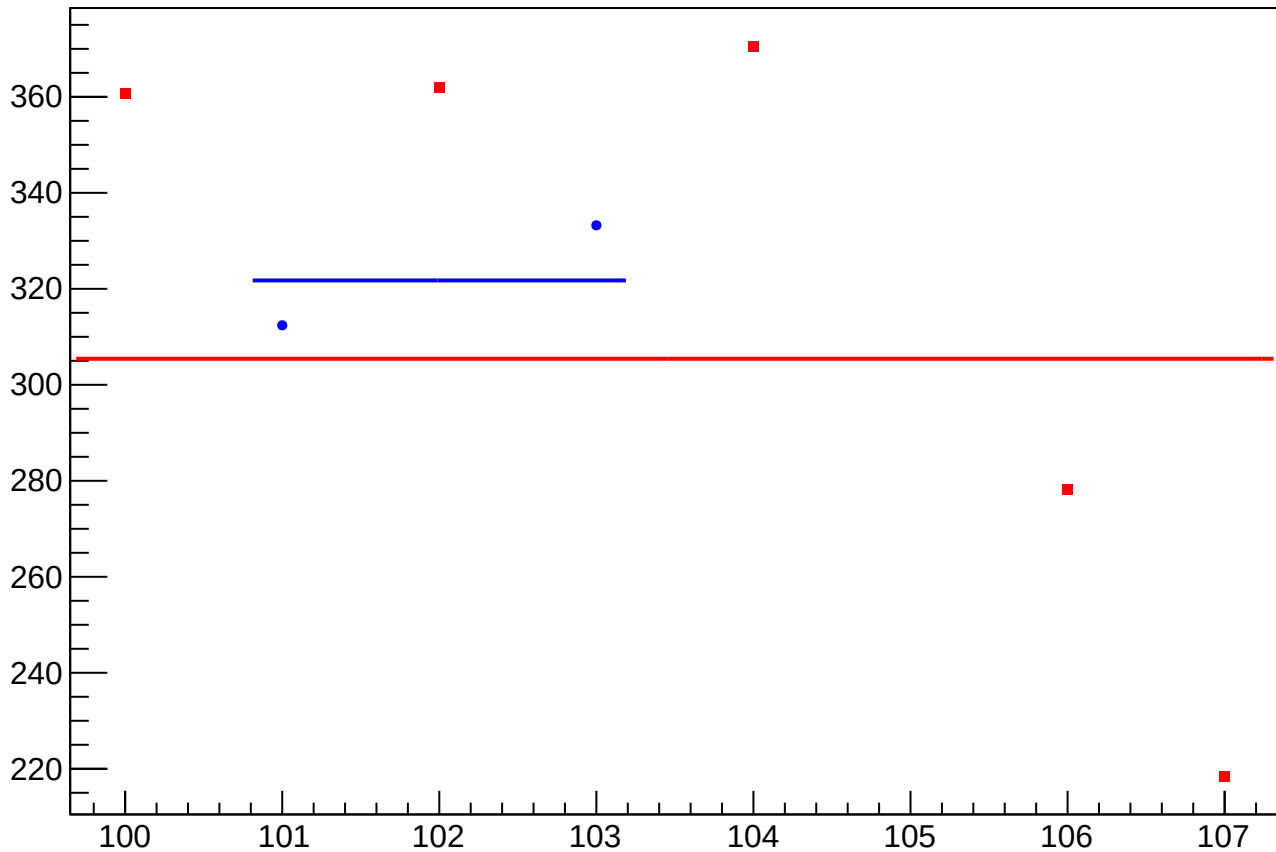
Right: -23.580 $\pm$ 182.675 χ^2 /NDF: 11.0/6

In: -485.395 $\pm$ 288.376 χ^2 /NDF: 0.1/1

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

All: -23.580 $\pm$ 182.675 χ^2 /NDF: 11.0/6

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 321.749 $\pm$ 0.204 χ^2 /NDF: 2580.5/1

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

Right Out: 305.432 $\pm$ 0.167 χ^2 /NDF: 147298.6/4

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

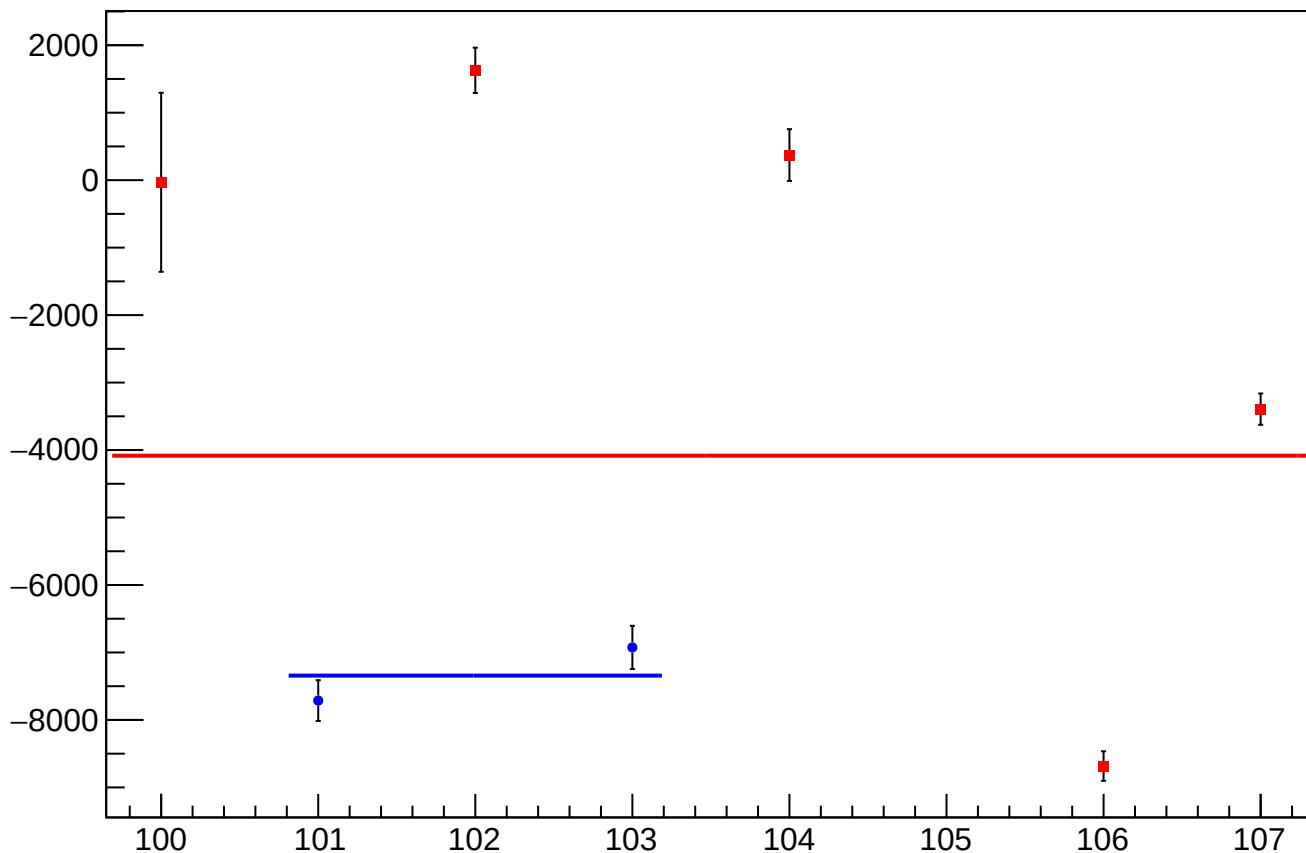
Right: 311.980 $\pm$ 0.129 χ^2 /NDF: 153712.7/6

In: 321.749 $\pm$ 0.204 χ^2 /NDF:2580.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 311.980 $\pm$ 0.129 χ^2 /NDF: 153712.7/6

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -7342.948+/-219.717 χ^2/NDF : 3.2/1

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

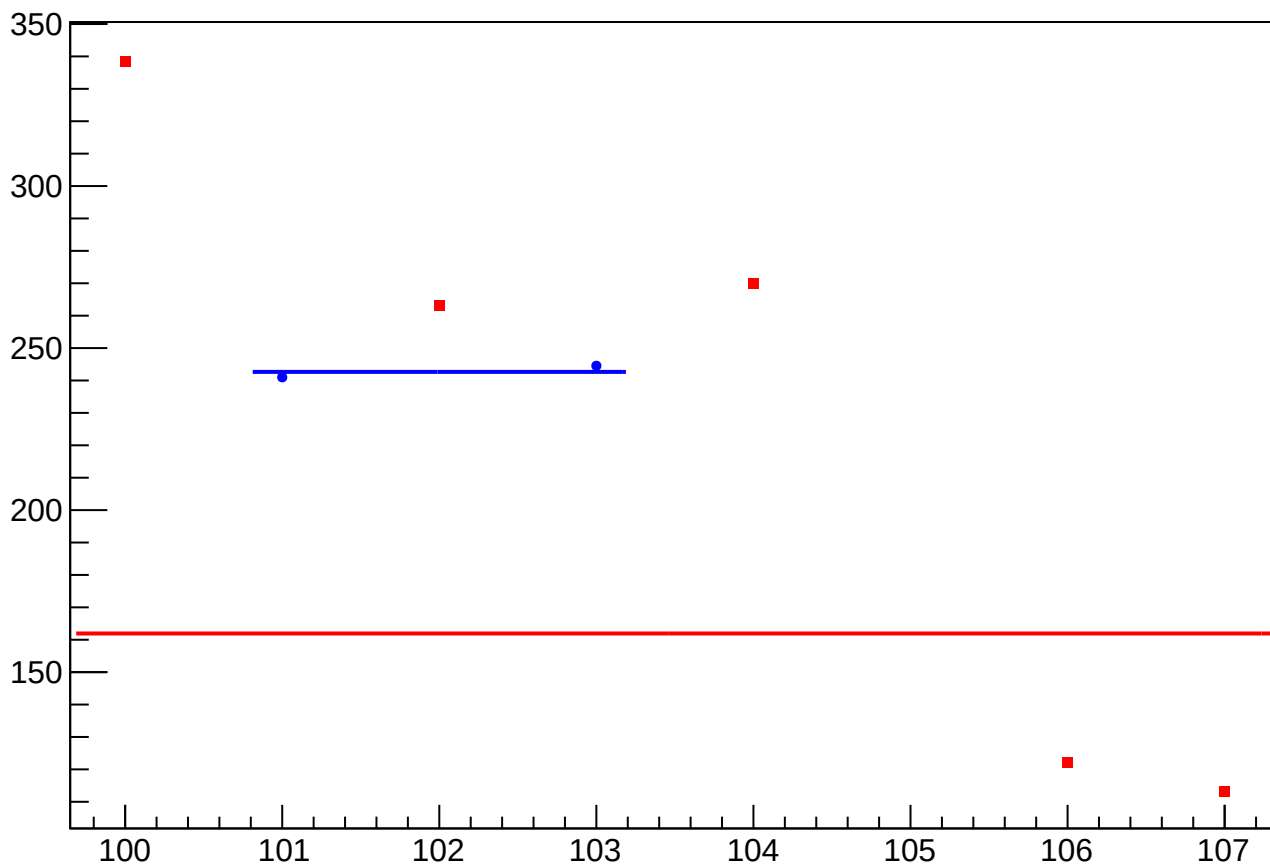
Right: -4967.828+/-114.439 χ^2/NDF : 1047.3/6

In: -7342.948+/-219.717 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4967.828+/-114.439 χ^2/NDF : 1047.3/6

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 242.652 $\pm$ 0.155 χ^2 /NDF: 130.7/1

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

Right Out: 161.930 $\pm$ 0.095 χ^2 /NDF: 529141.4/4

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

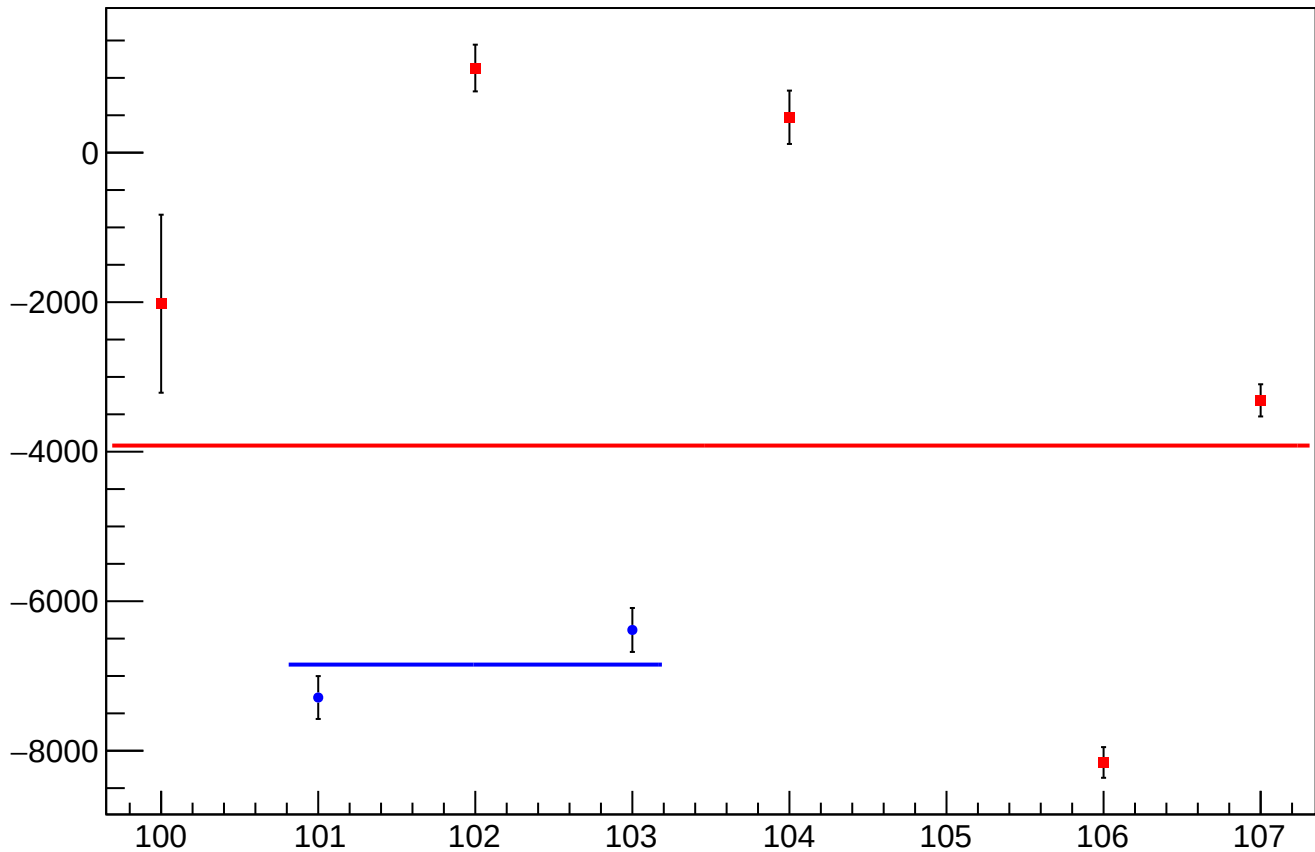
Right: 183.829 $\pm$ 0.081 χ^2 /NDF: 725991.6/6

In: 242.652 $\pm$ 0.155 χ^2 /NDF:130.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 183.829 $\pm$ 0.081 χ^2 /NDF: 725991.6/6

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -6847.678+/-205.284 χ^2/NDF : 4.8/1

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

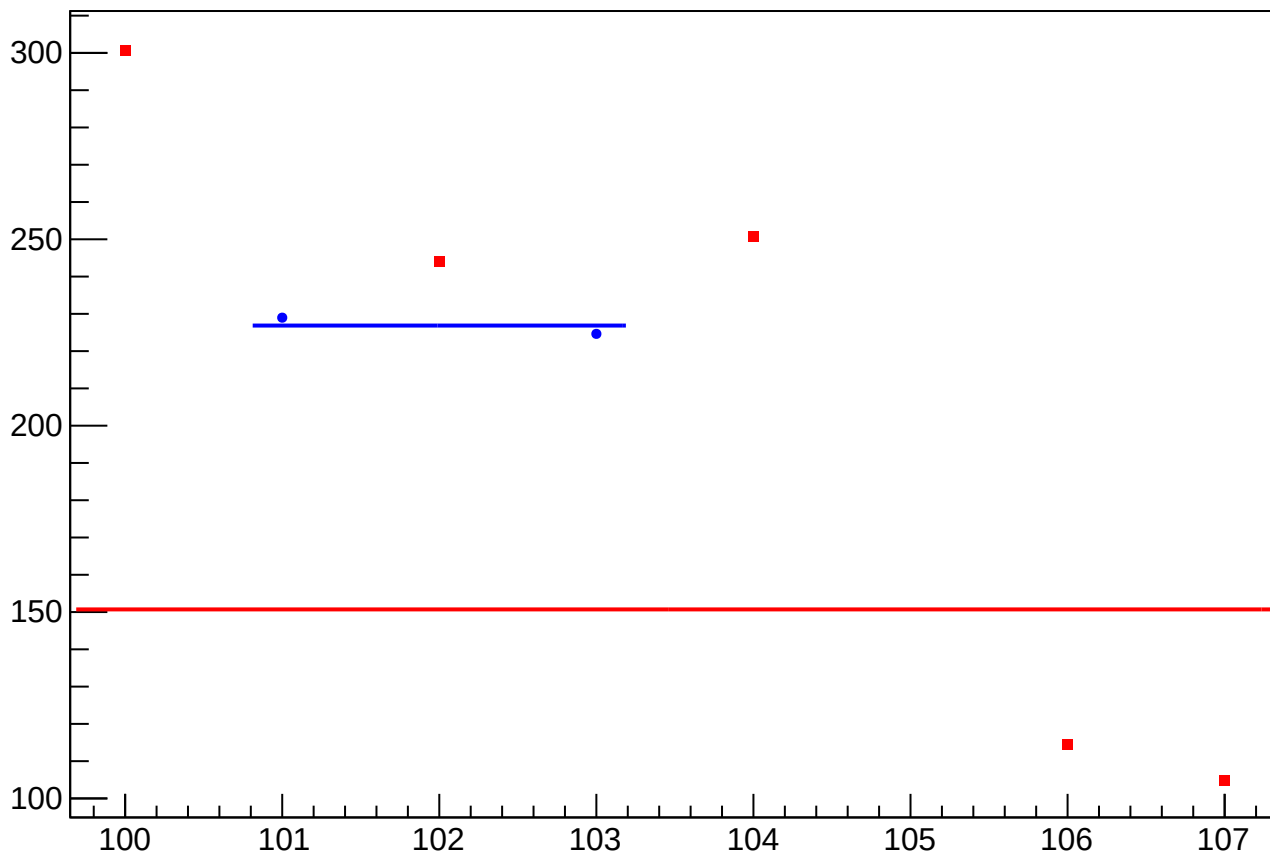
Right: -4709.283+/-106.686 χ^2/NDF : 1003.2/6

In: -6847.678+/-205.284 χ^2/NDF : 4.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4709.283+/-106.686 χ^2/NDF : 1003.2/6

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 226.860+/-0.145 χ^2/NDF : 223.7/1

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

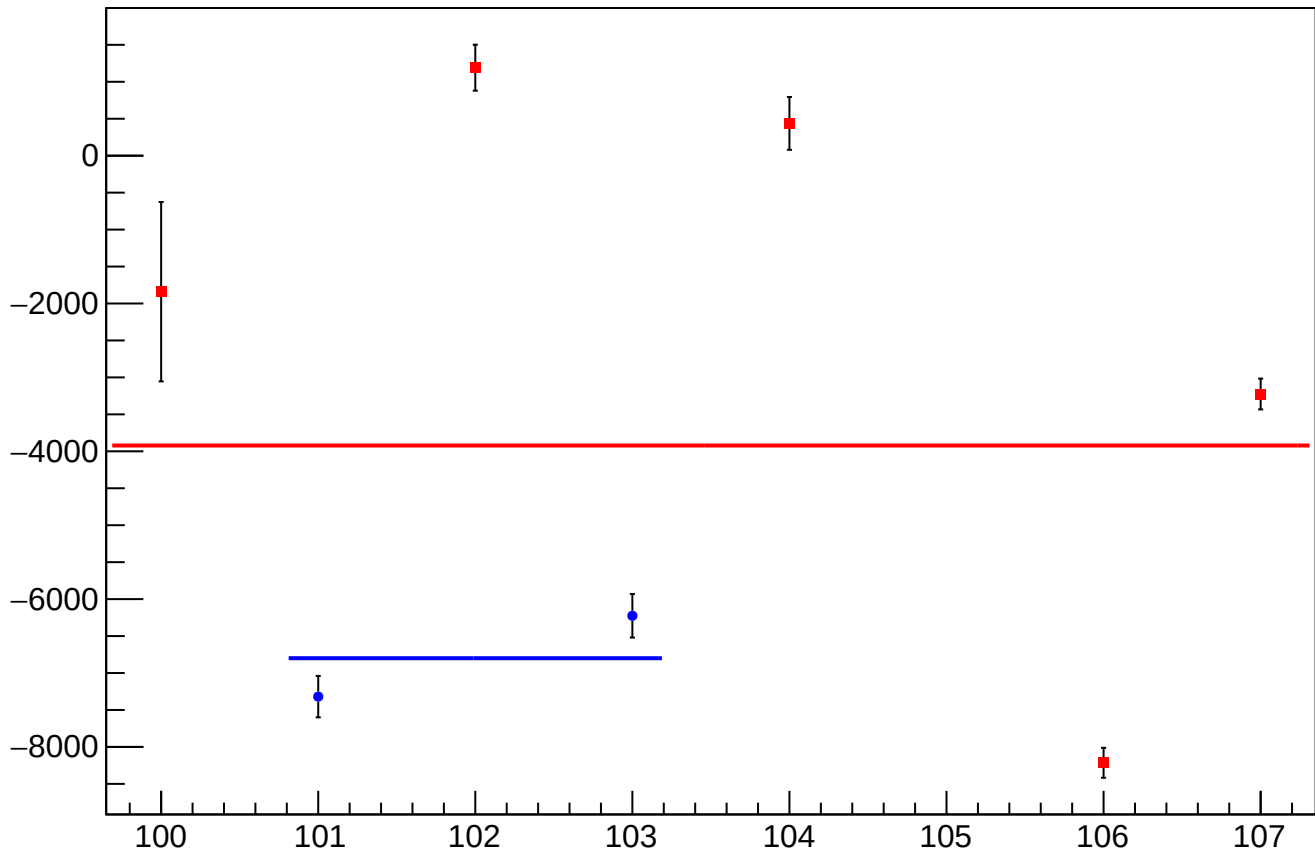
Right: 171.277+/-0.075 χ^2/NDF : 721498.6/6

In: 226.860+/-0.145 χ^2/NDF : 223.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.277+/-0.075 χ^2/NDF : 721498.6/6

asym_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: -6799.471+/-202.982 χ^2/NDF : 7.2/1

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

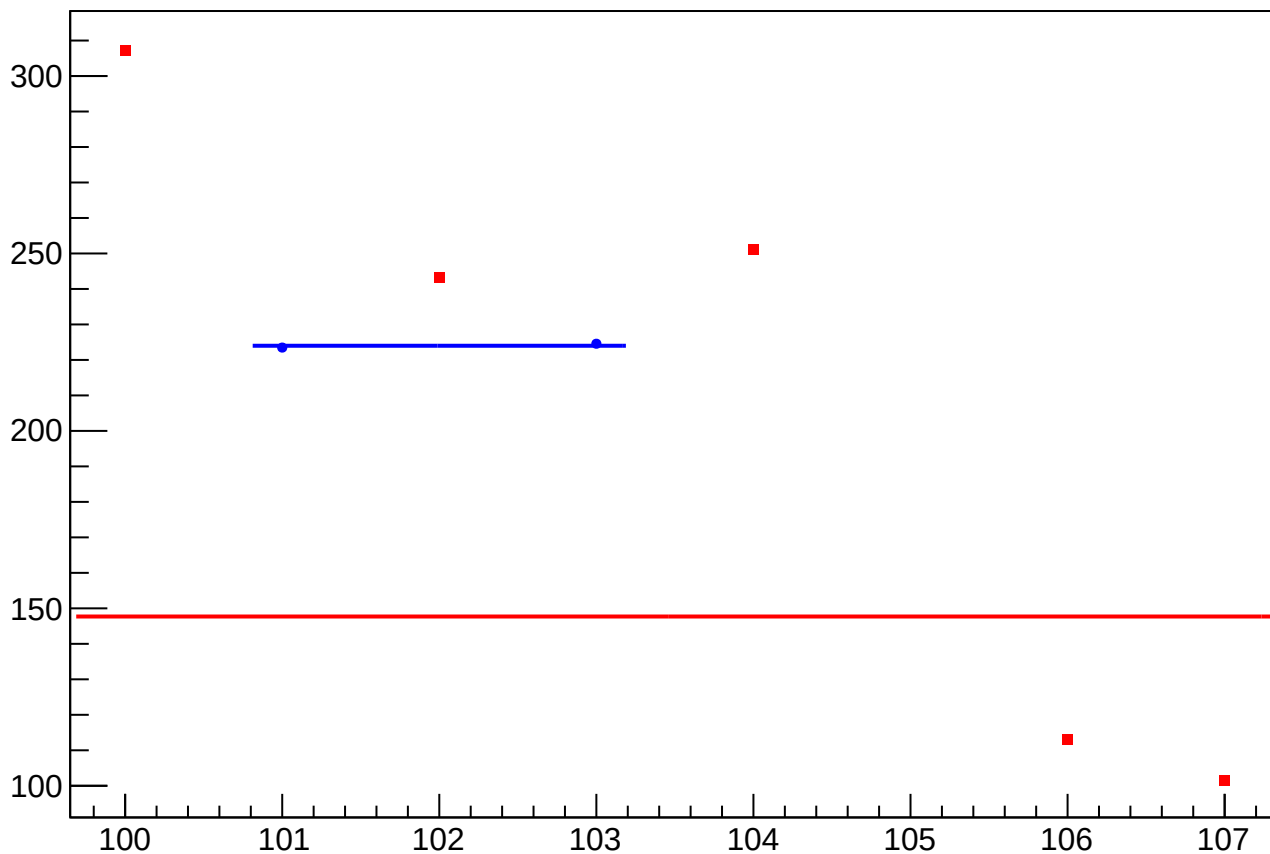
Right: -4694.511+/-105.192 χ^2/NDF : 1034.7/6

In: -6799.471+/-202.982 χ^2/NDF : 7.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4694.511+/-105.192 χ^2/NDF : 1034.7/6

asym_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 223.996+/-0.144 χ^2/NDF : 14.2/1

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

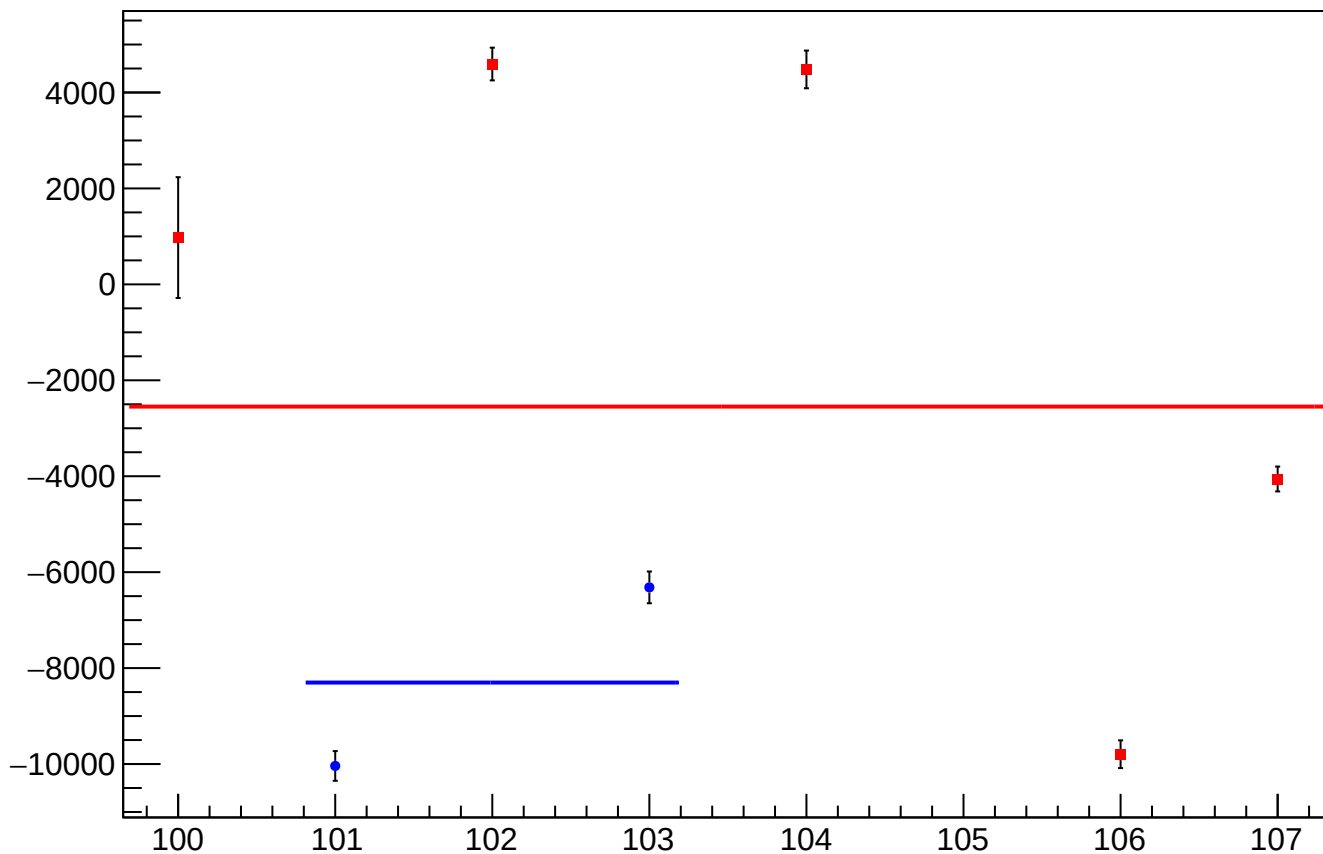
Right: 168.190+/-0.074 χ^2/NDF : 752377.8/6

In: 223.996+/-0.144 χ^2/NDF : 14.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.190+/-0.074 χ^2/NDF : 752377.8/6

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: -8301.559+/-226.159 χ^2/NDF : 67.4/1

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

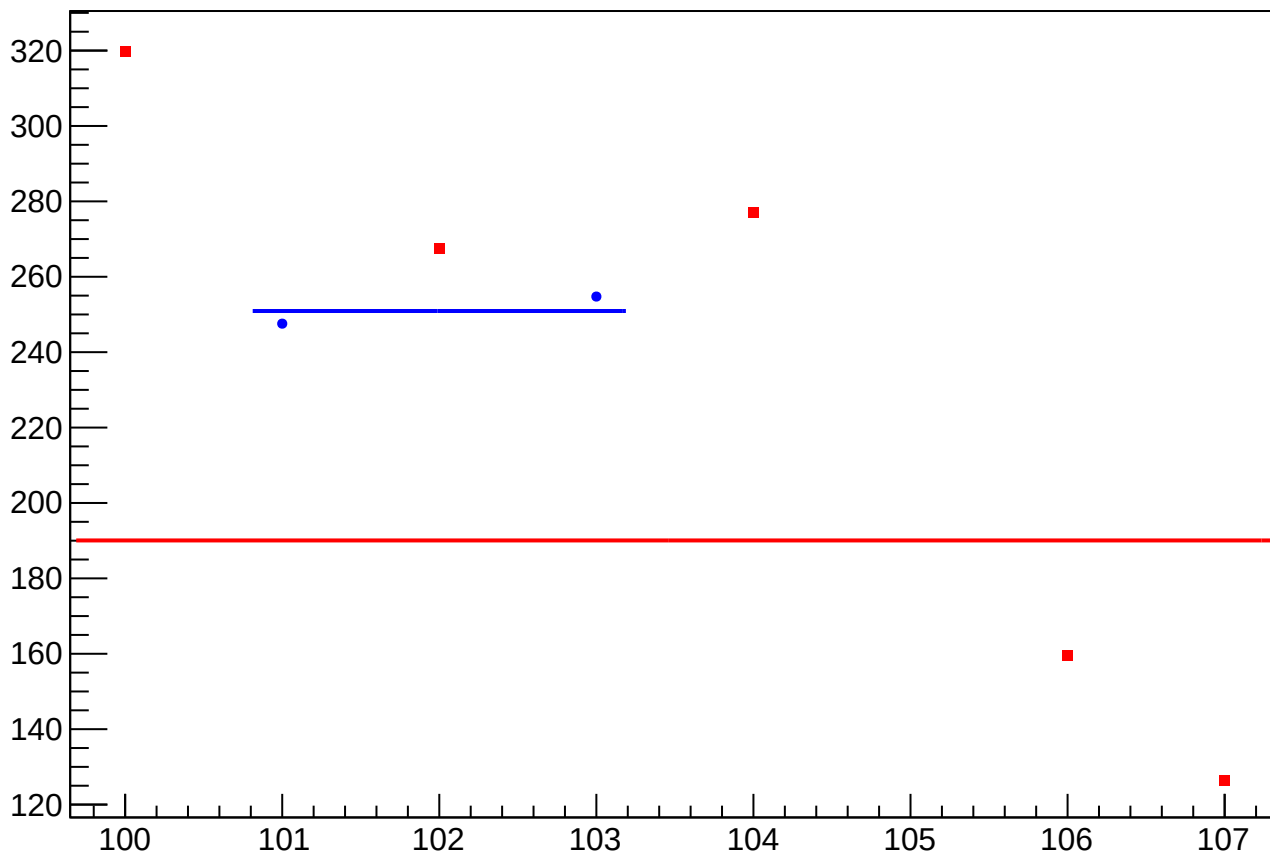
Right: -4360.037+/-126.919 χ^2/NDF : 1938.2/6

In: -8301.559+/-226.159 χ^2/NDF : 67.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4360.037+/-126.919 χ^2/NDF : 1938.2/6

asym_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 250.920+/-0.160 χ^2/NDF : 502.6/1

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

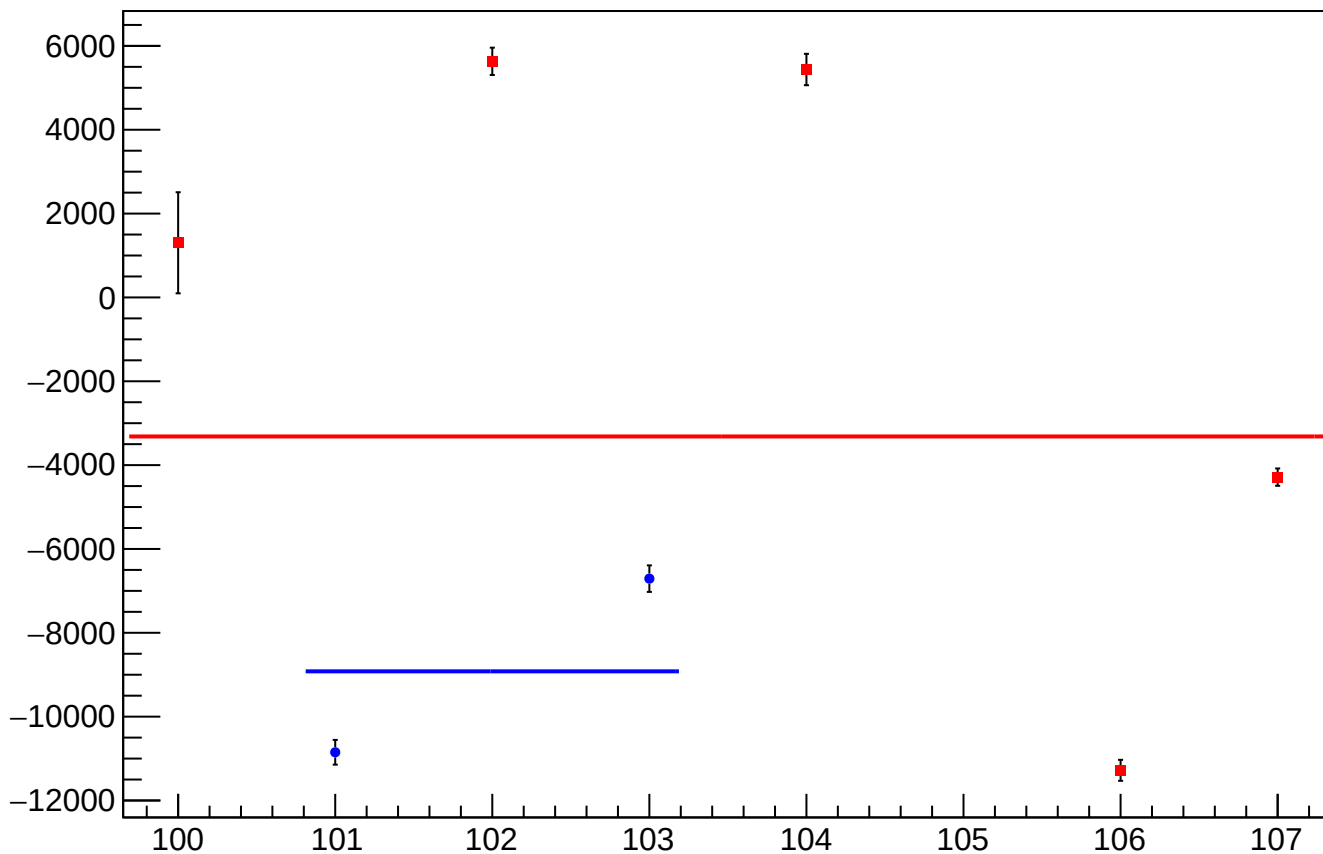
Right: 209.228+/-0.090 χ^2/NDF : 464279.9/6

In: 250.920+/-0.160 χ^2/NDF : 502.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 209.228+/-0.090 χ^2/NDF : 464279.9/6

asym_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: -8919.485 $\pm$ 215.877 χ^2 /NDF: 91.6/1

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

Right Out: -3316.279 $\pm$ 132.898 χ^2 /NDF: 2352.6/4

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

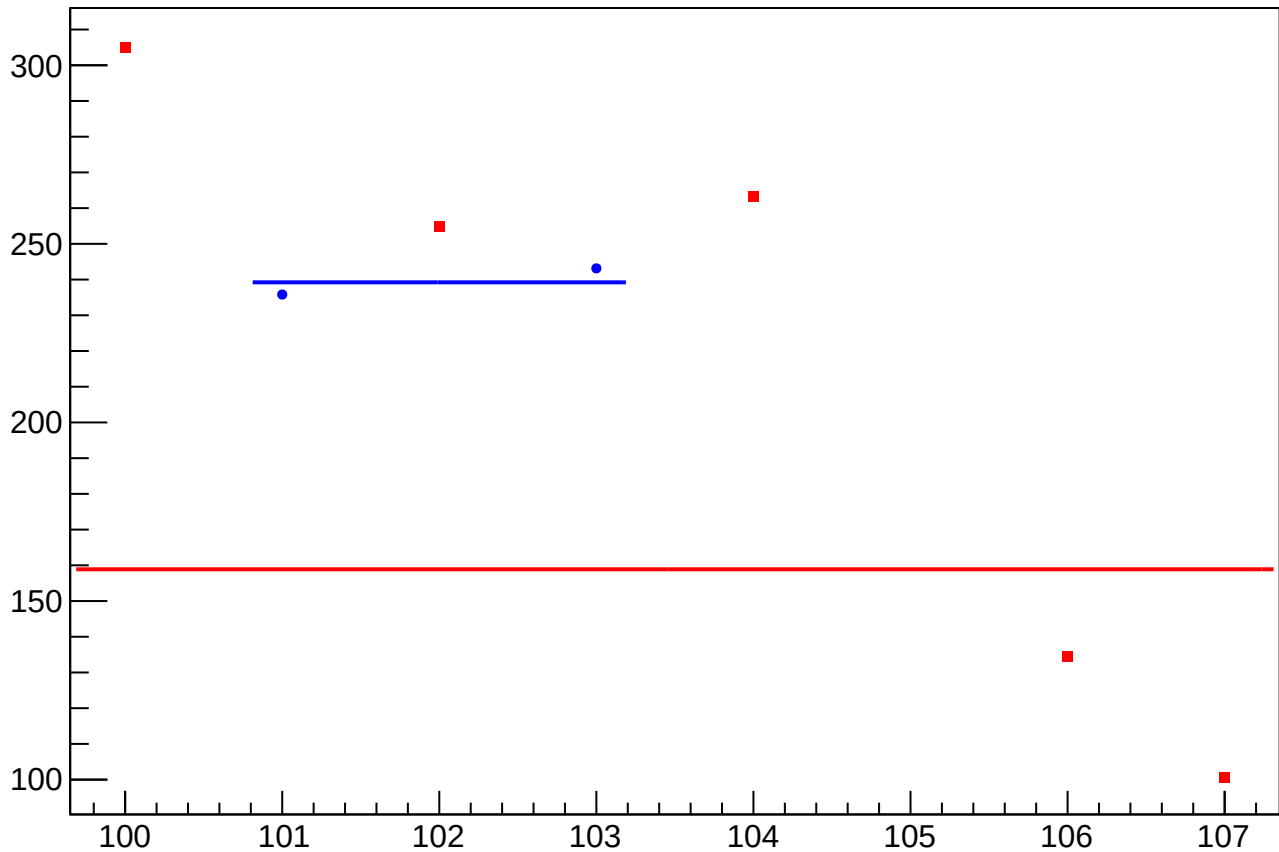
Right: -4856.214 $\pm$ 113.172 χ^2 /NDF: 2932.8/6

In: -8919.485 $\pm$ 215.877 χ^2 /NDF:91.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4856.214 $\pm$ 113.172 χ^2 /NDF: 2932.8/6

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 239.224+/-0.153 χ^2/NDF : 572.9/1

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

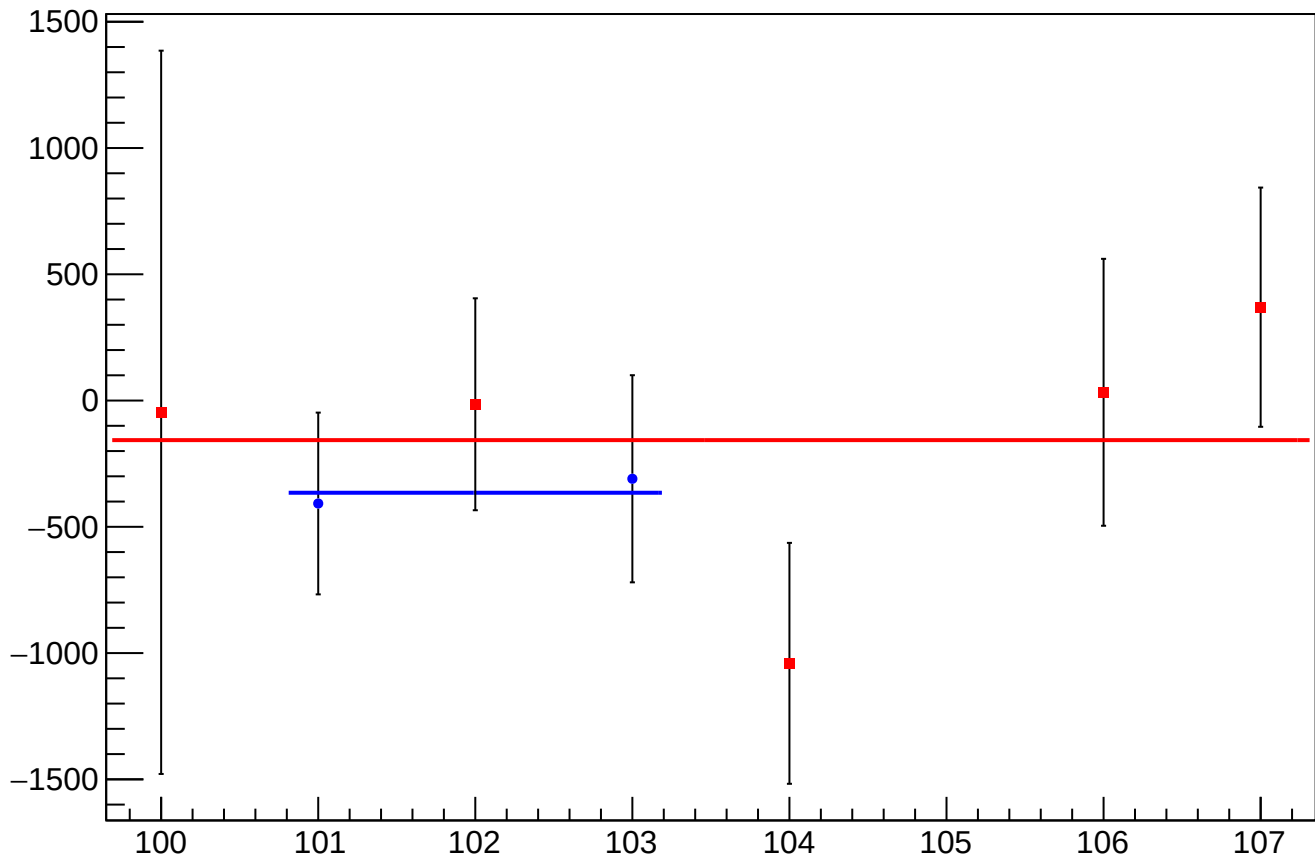
Right: 180.967+/-0.080 χ^2/NDF : 737529.9/6

In: 239.224+/-0.153 χ^2/NDF : 572.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.967+/-0.080 χ^2/NDF : 737529.9/6

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -365.065 $\pm$ 270.513 χ^2 /NDF: 0.0/1

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

Right Out: -165.702 $\pm$ 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

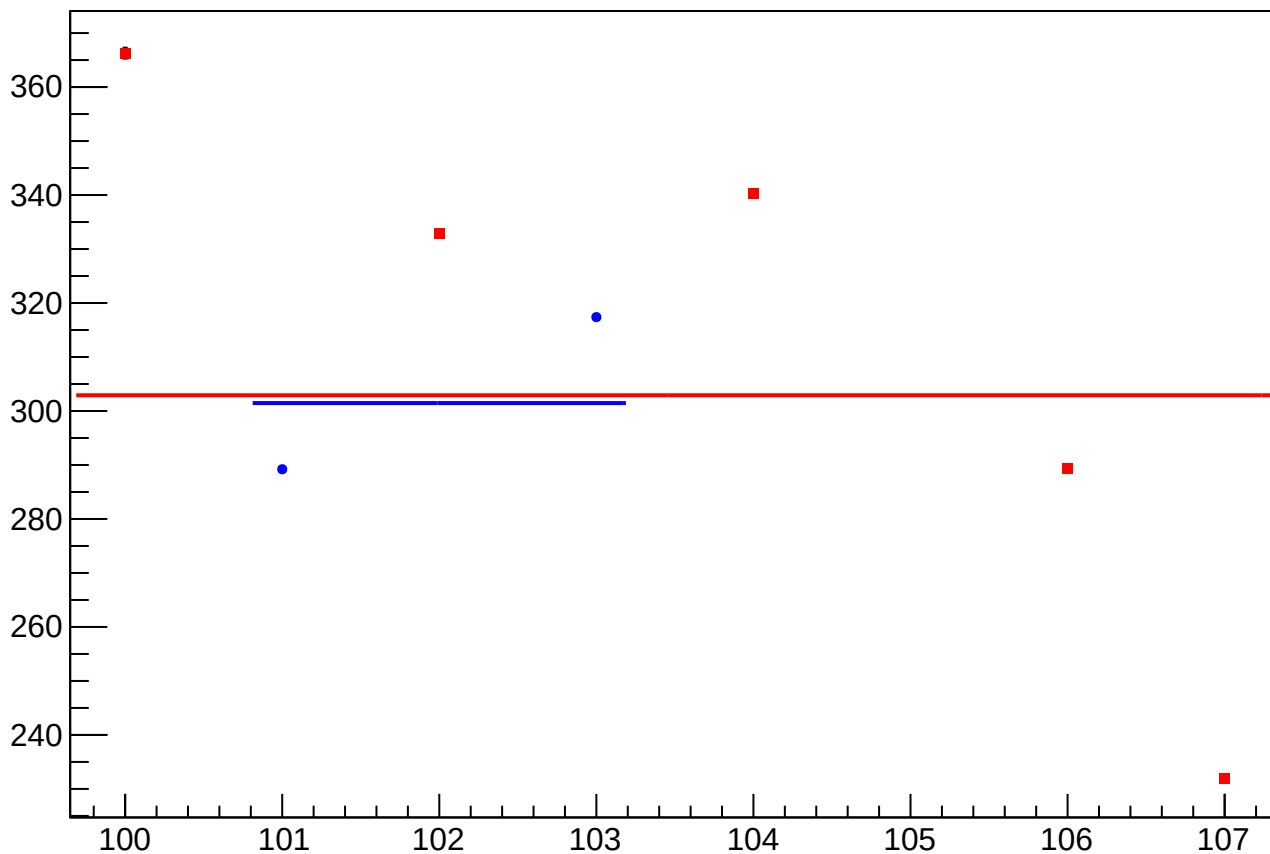
Right: -244.957 $\pm$ 176.055 χ^2 /NDF: 5.3/6

In: -365.065 $\pm$ 270.513 χ^2 /NDF: 0.0/1

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

All: -244.957 $\pm$ 176.055 χ^2 /NDF: 5.3/6

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 301.467+/-0.191 χ^2/NDF : 5332.9/1

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

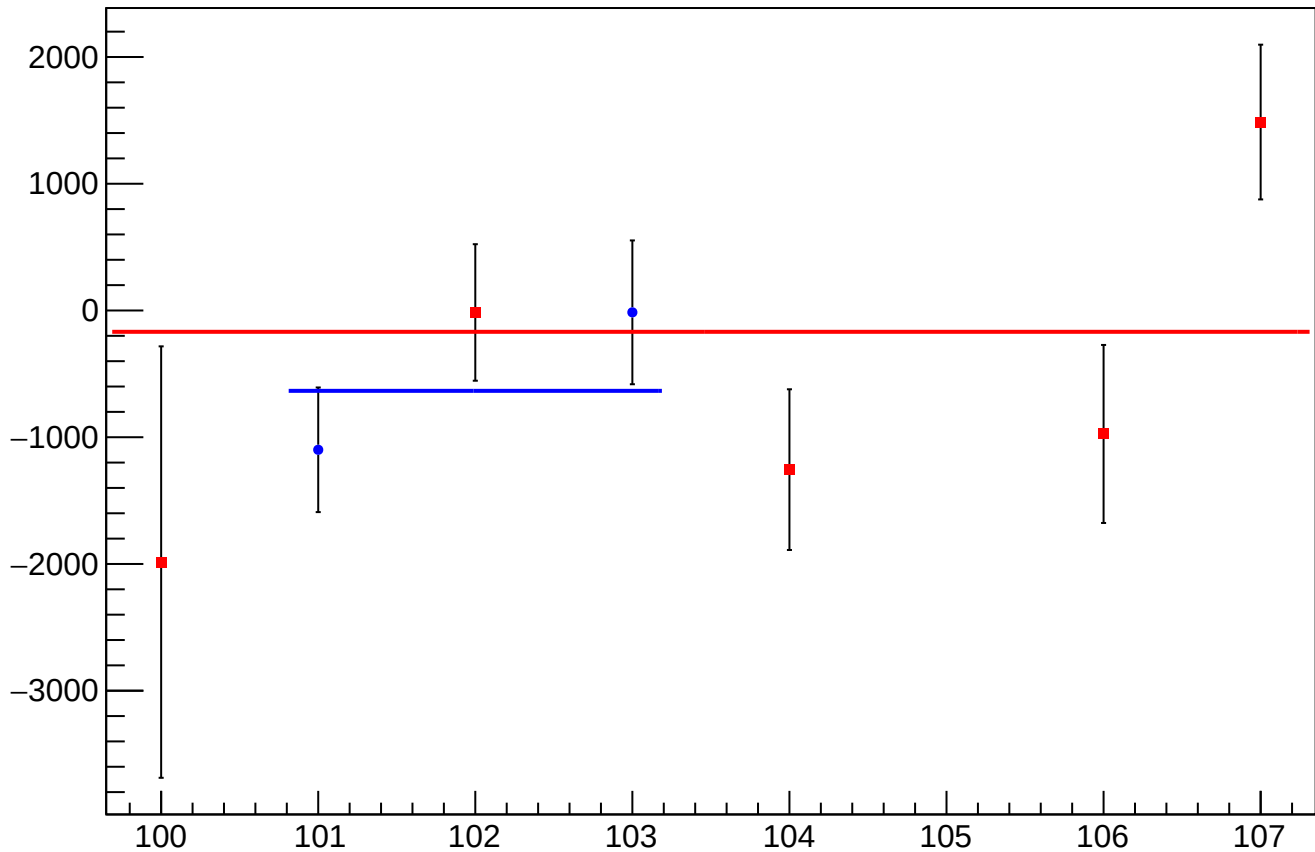
Right: 302.300+/-0.124 χ^2/NDF : 78127.2/6

In: 301.467+/-0.191 χ^2/NDF : 5332.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 302.300+/-0.124 χ^2/NDF : 78127.2/6

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: -634.023+/-371.532 χ^2/NDF : 2.1/1

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

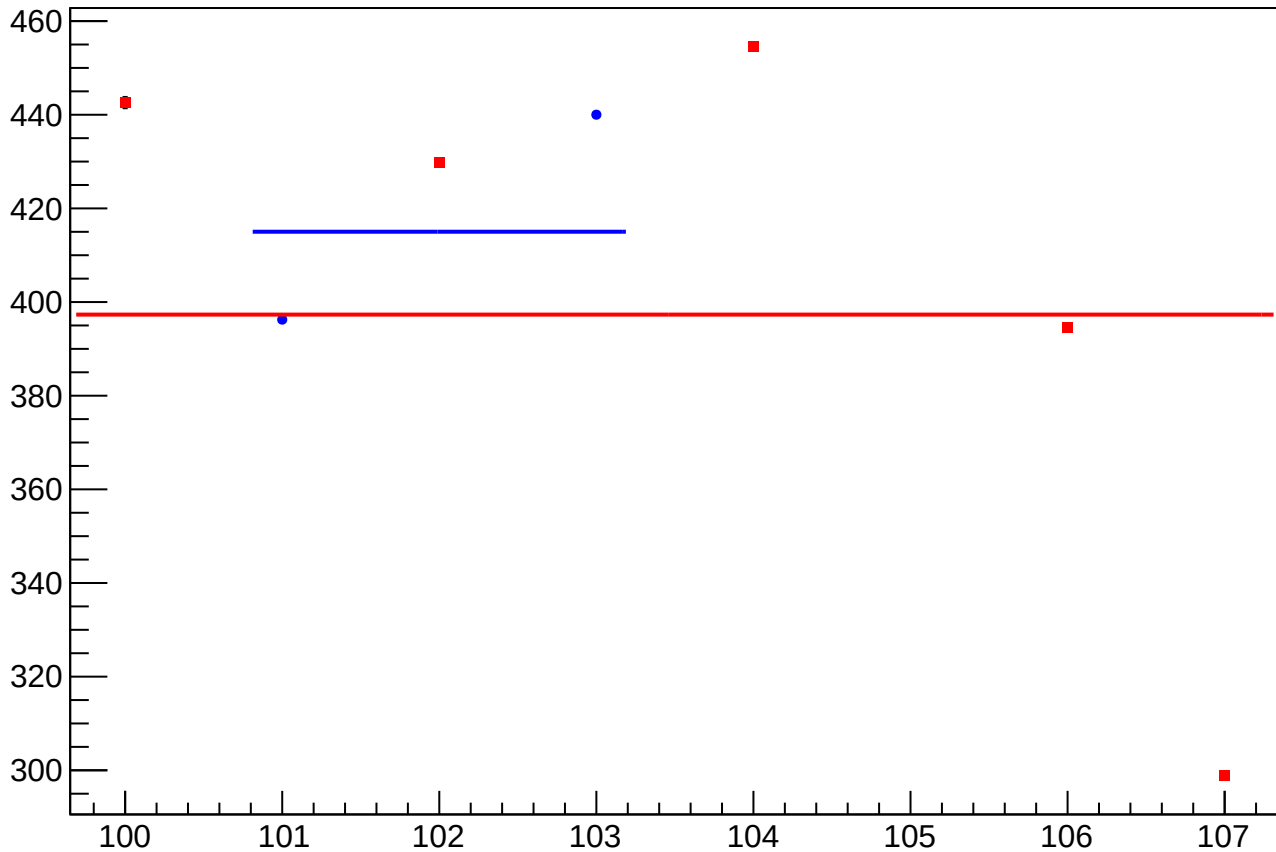
Right: -353.265+/-234.173 χ^2/NDF : 15.9/6

In: -634.023+/-371.532 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -353.265+/-234.173 χ^2/NDF : 15.9/6

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 415.020 $\pm$ 0.263 χ^2 /NDF: 6797.5/1

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

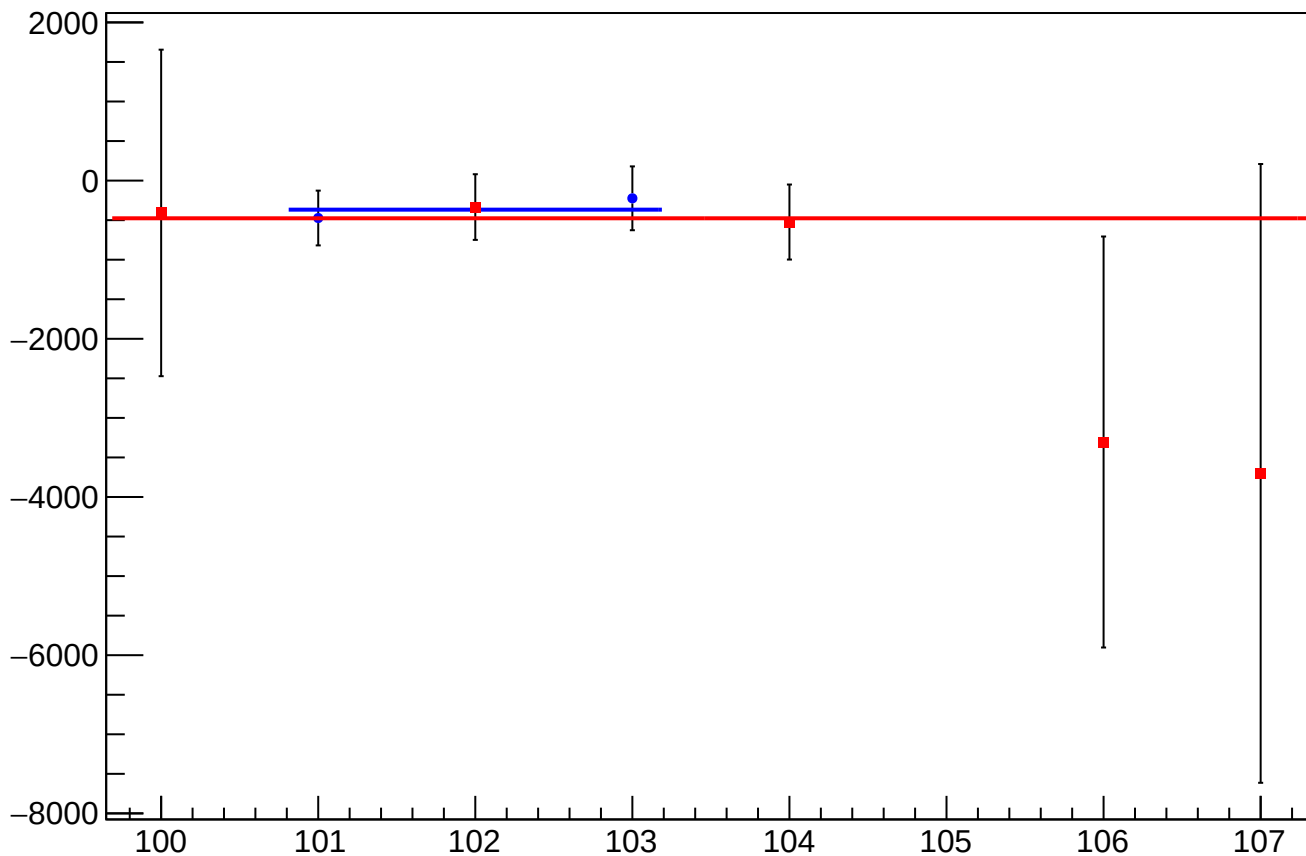
Right: 404.351 $\pm$ 0.166 χ^2 /NDF: 86581.1/6

In: 415.020 $\pm$ 0.263 χ^2 /NDF: 6797.5/1

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

All: 404.351 $\pm$ 0.166 χ^2 /NDF: 86581.1/6

asym_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: -367.313+/-262.788 χ^2/NDF : 0.2/1

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

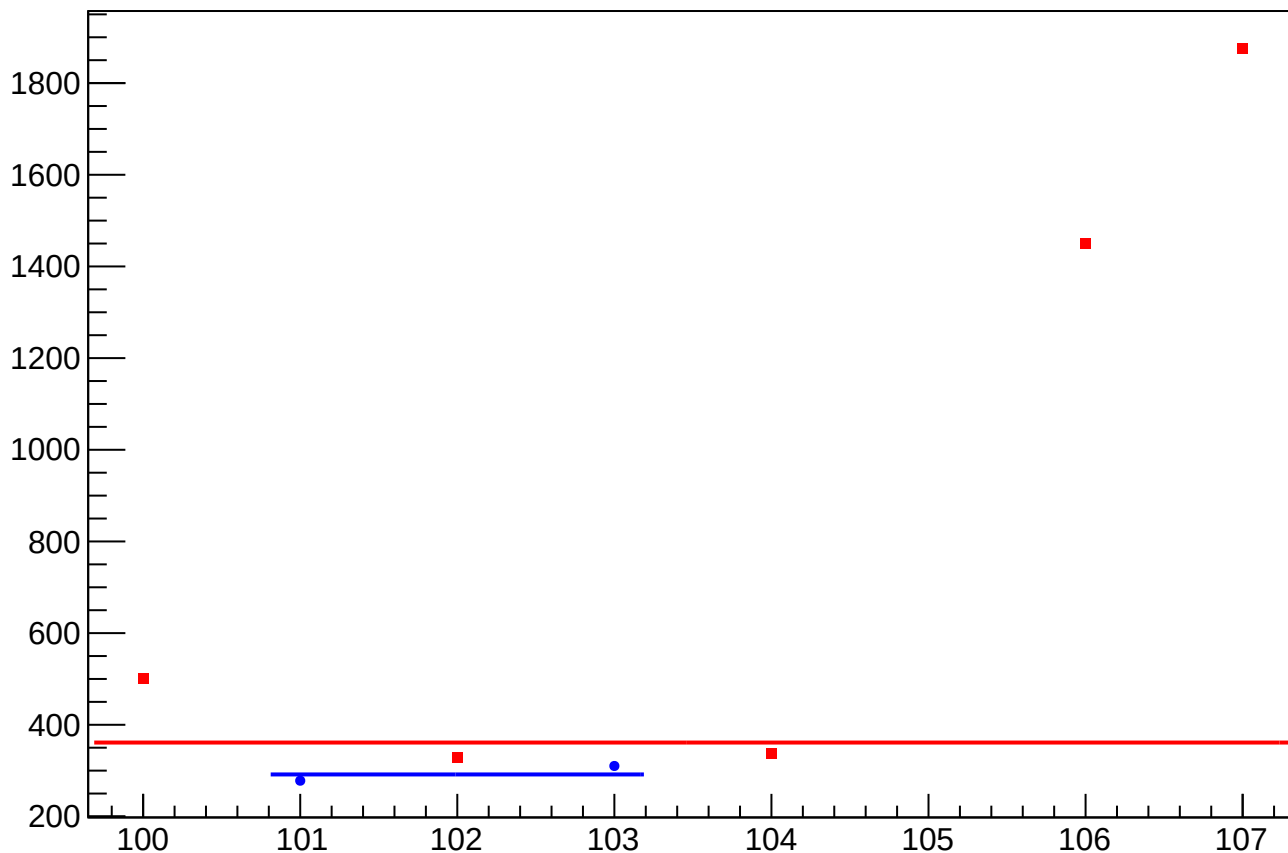
Right: -413.705+/-199.286 χ^2/NDF : 2.3/6

In: -367.313+/-262.788 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -413.705+/-199.286 χ^2/NDF : 2.3/6

asym_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 291.669+/-0.186 χ^2/NDF : 7294.5/1

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

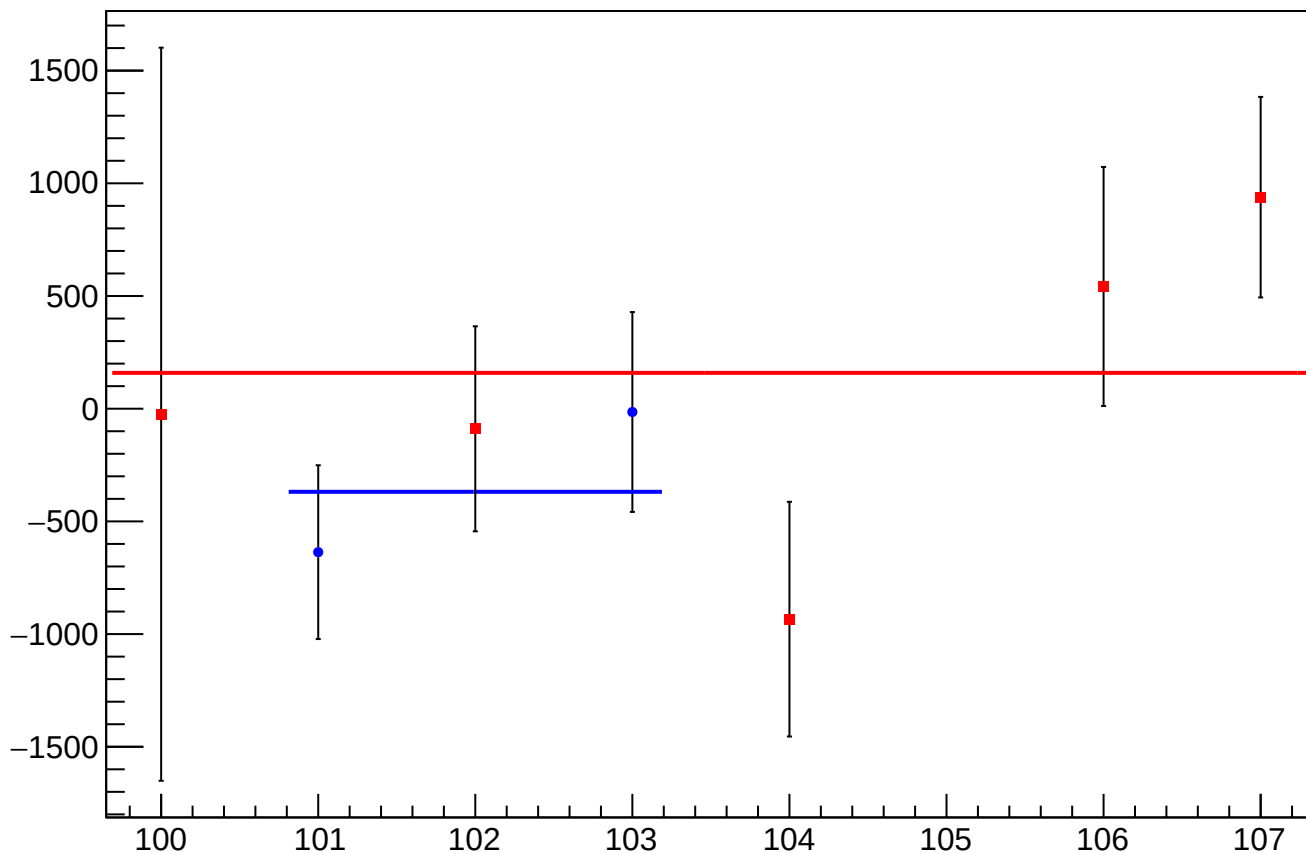
Right: 321.239+/-0.141 χ^2/NDF : 743236.9/6

In: 291.669+/-0.186 χ^2/NDF : 7294.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 321.239+/-0.141 χ^2/NDF : 743236.9/6

asym_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: -368.689+/-290.927 χ^2/NDF : 1.1/1

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

Right Out: 159.016+/-239.002 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

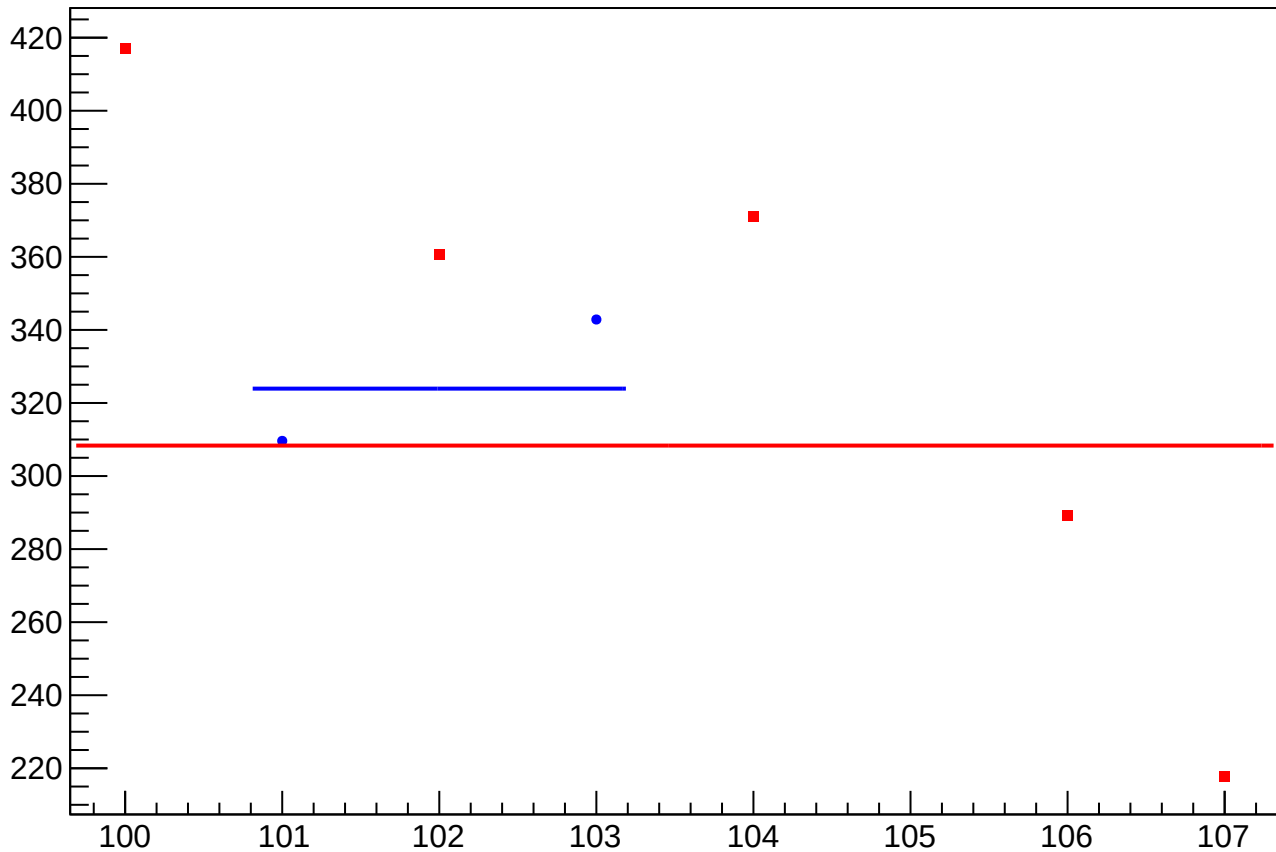
Right: -53.621+/-184.675 χ^2/NDF : 11.4/6

In: -368.689+/-290.927 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -53.621+/-184.675 χ^2/NDF : 11.4/6

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 323.930+/-0.206 χ^2/NDF : 6398.9/1

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

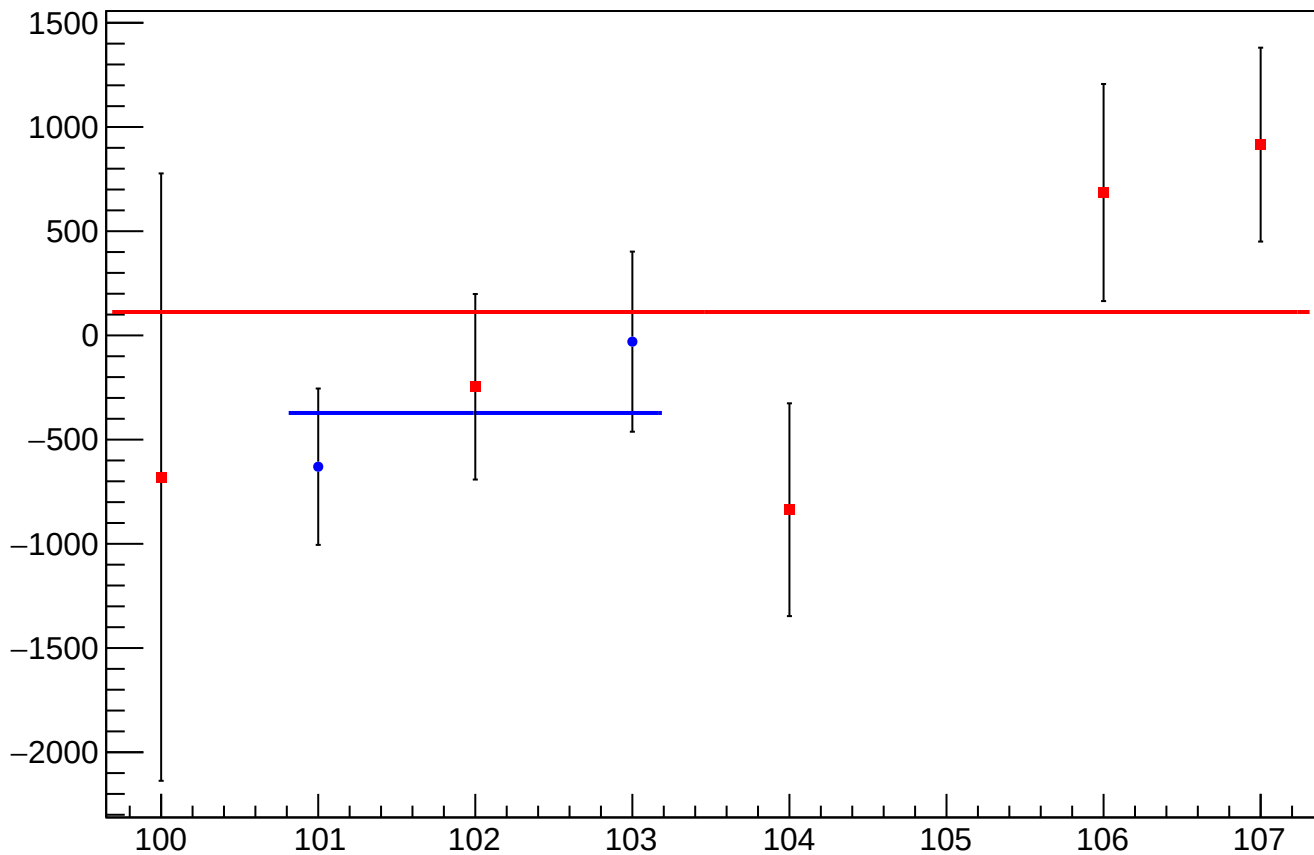
Right: 314.621+/-0.131 χ^2/NDF : 160063.4/6

In: 323.930+/-0.206 χ^2/NDF : 6398.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 314.621+/-0.131 χ^2/NDF : 160063.4/6

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: -372.109+/-283.266 χ^2/NDF : 1.1/1

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

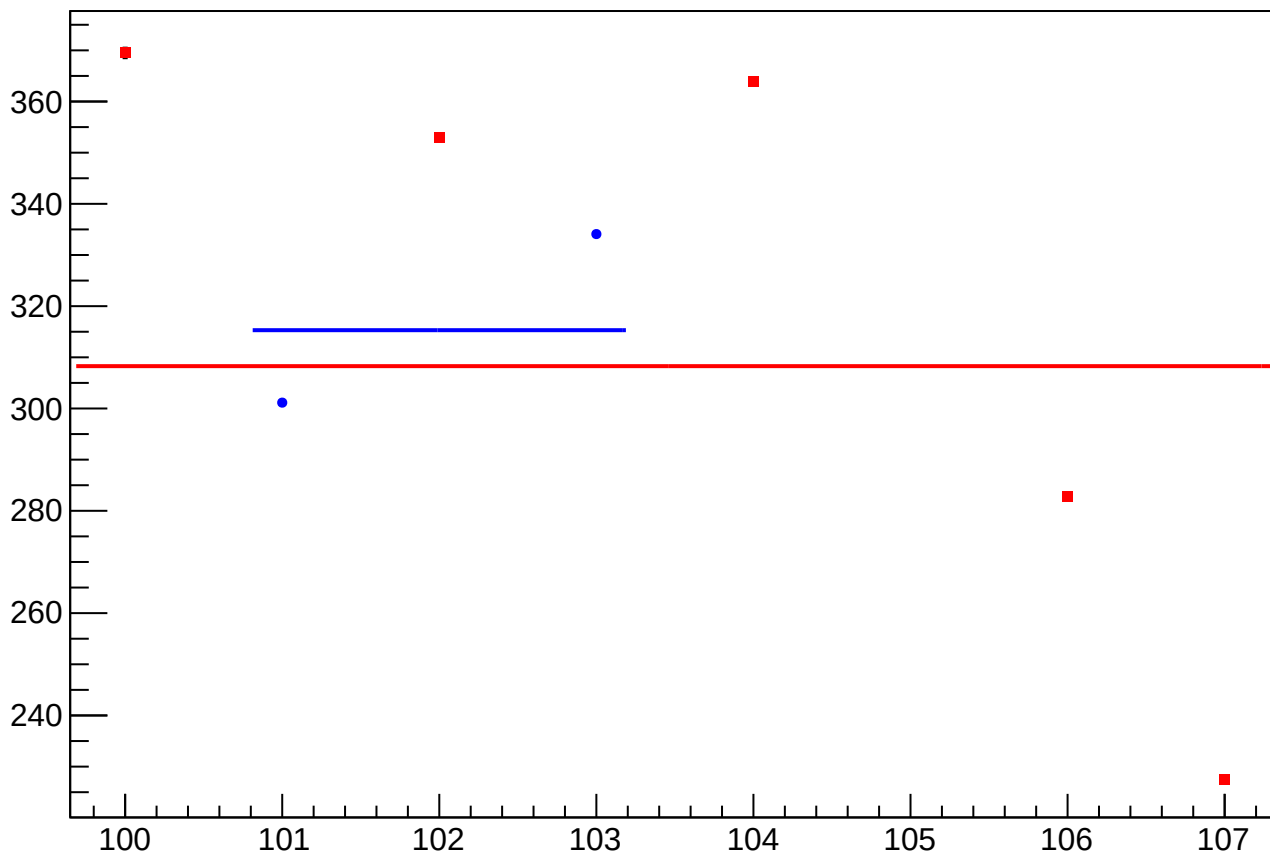
Right: -88.078+/-182.193 χ^2/NDF : 11.4/6

In: -372.109+/-283.266 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -88.078+/-182.193 χ^2/NDF : 11.4/6

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 315.304+/-0.200 χ^2/NDF : 6630.9/1

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

Right Out: 308.275+/-0.168 χ^2/NDF : 112347.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

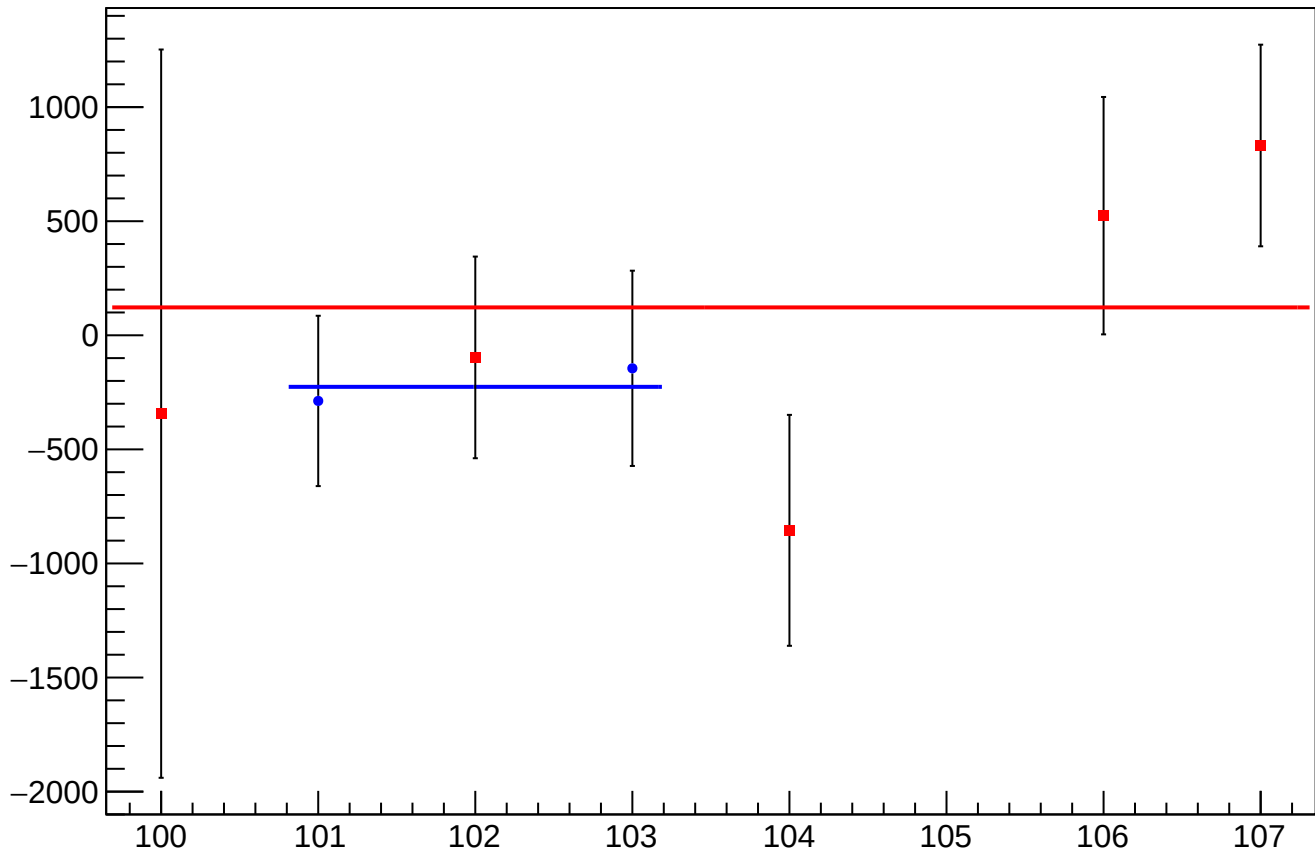
Right: 311.183+/-0.129 χ^2/NDF : 119700.1/6

In: 315.304+/-0.200 χ^2/NDF : 6630.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 311.183+/-0.129 χ^2/NDF : 119700.1/6

asym_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: -225.929+/-281.286 χ^2/NDF : 0.1/1

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

Right Out: 122.214+/-234.181 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

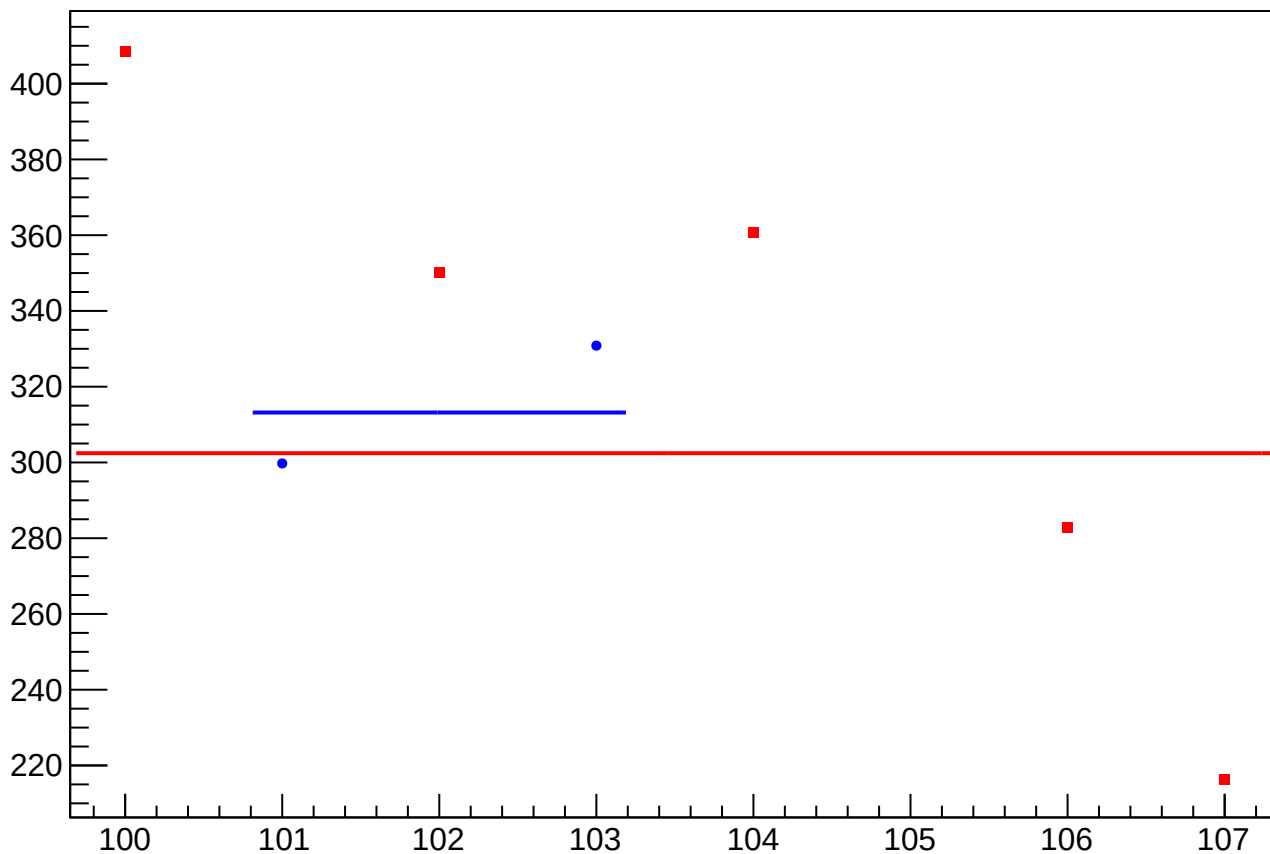
Right: -20.306+/-179.973 χ^2/NDF : 8.2/6

In: -225.929+/-281.286 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.306+/-179.973 χ^2/NDF : 8.2/6

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 313.184+/-0.199 χ^2/NDF : 5997.6/1

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

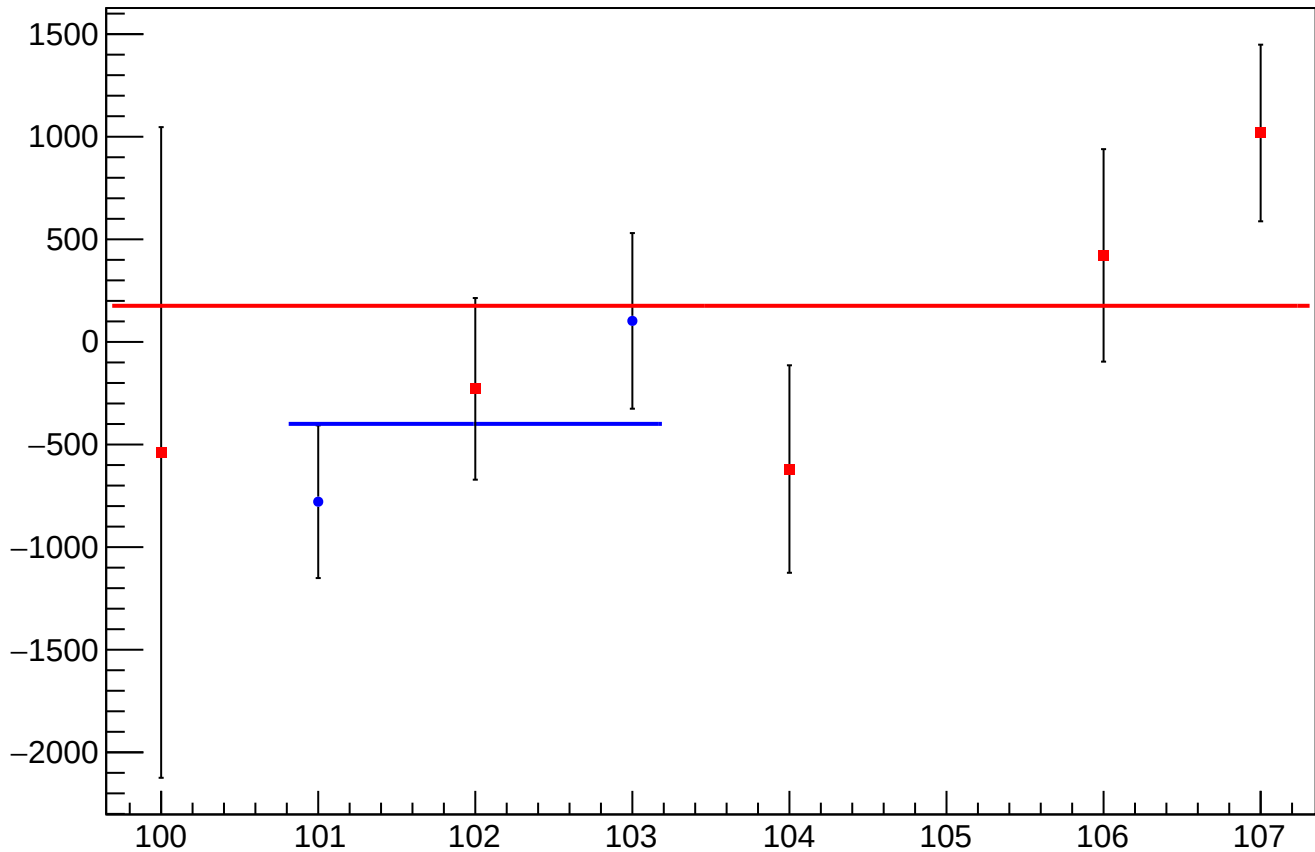
Right: 306.839+/-0.127 χ^2/NDF : 145292.9/6

In: 313.184+/-0.199 χ^2/NDF : 5997.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 306.839+/-0.127 χ^2/NDF : 145292.9/6

asym_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: -399.310 $\pm$ 280.814 χ^2 /NDF: 2.4/1

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

Right Out: 176.090 $\pm$ 232.234 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

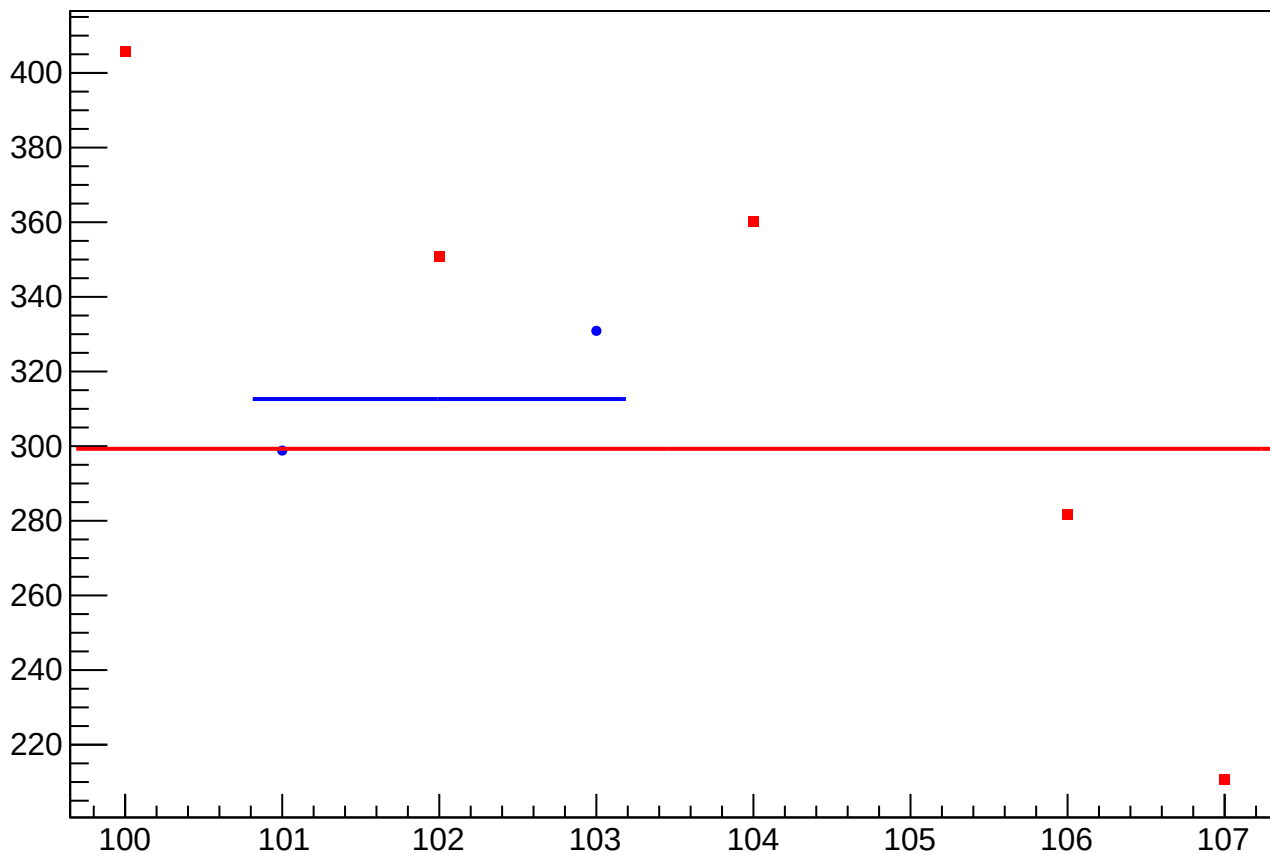
Right: -57.610 $\pm$ 178.963 χ^2 /NDF: 12.5/6

In: -399.310 $\pm$ 280.814 χ^2 /NDF: 2.4/1

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

All: -57.610 $\pm$ 178.963 χ^2 /NDF: 12.5/6

asym_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 312.627+/-0.199 χ^2/NDF : 6398.6/1

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

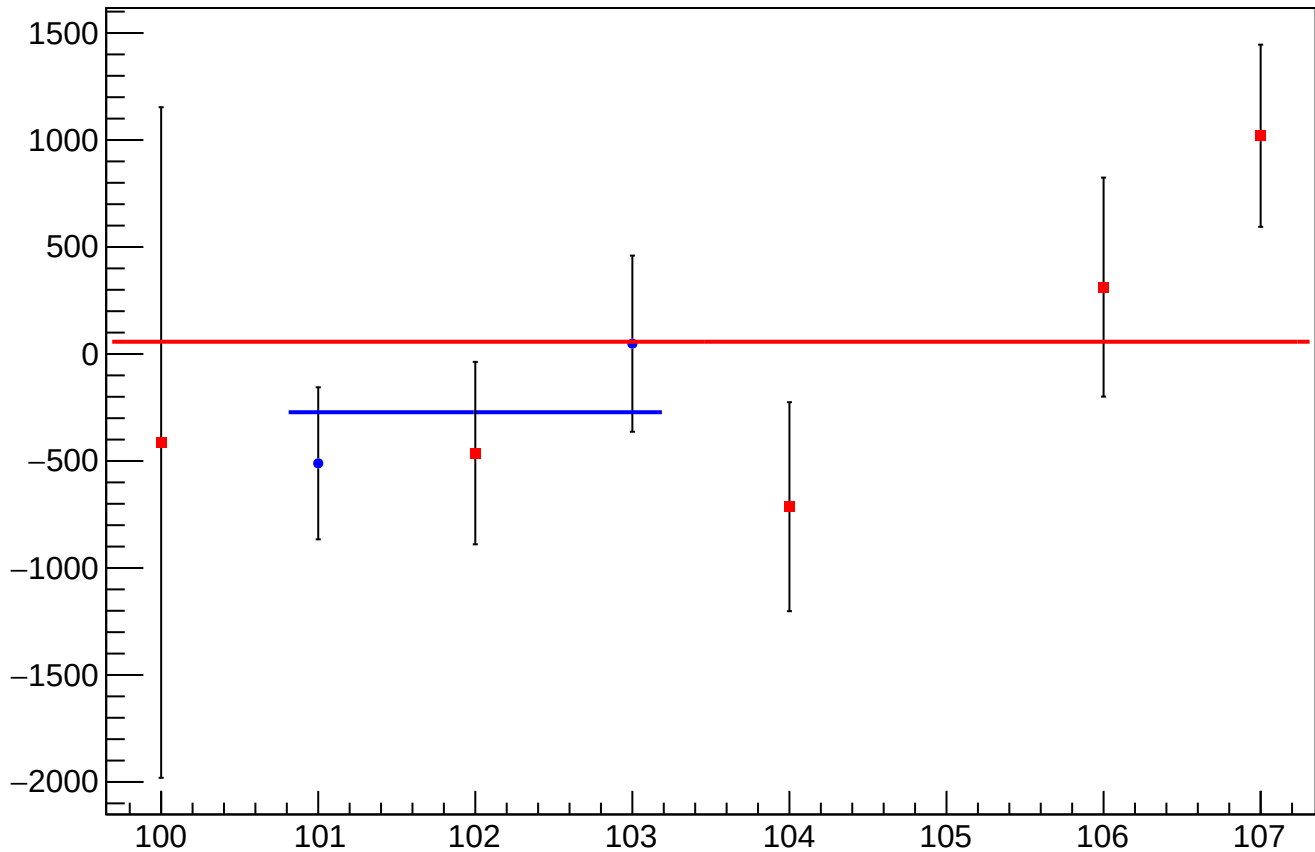
Right: 304.707+/-0.127 χ^2/NDF : 161581.6/6

In: 312.627+/-0.199 χ^2/NDF : 6398.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 304.707+/-0.127 χ^2/NDF : 161581.6/6

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: -272.147 $\pm$ 268.964 χ^2 /NDF: 1.1/1

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

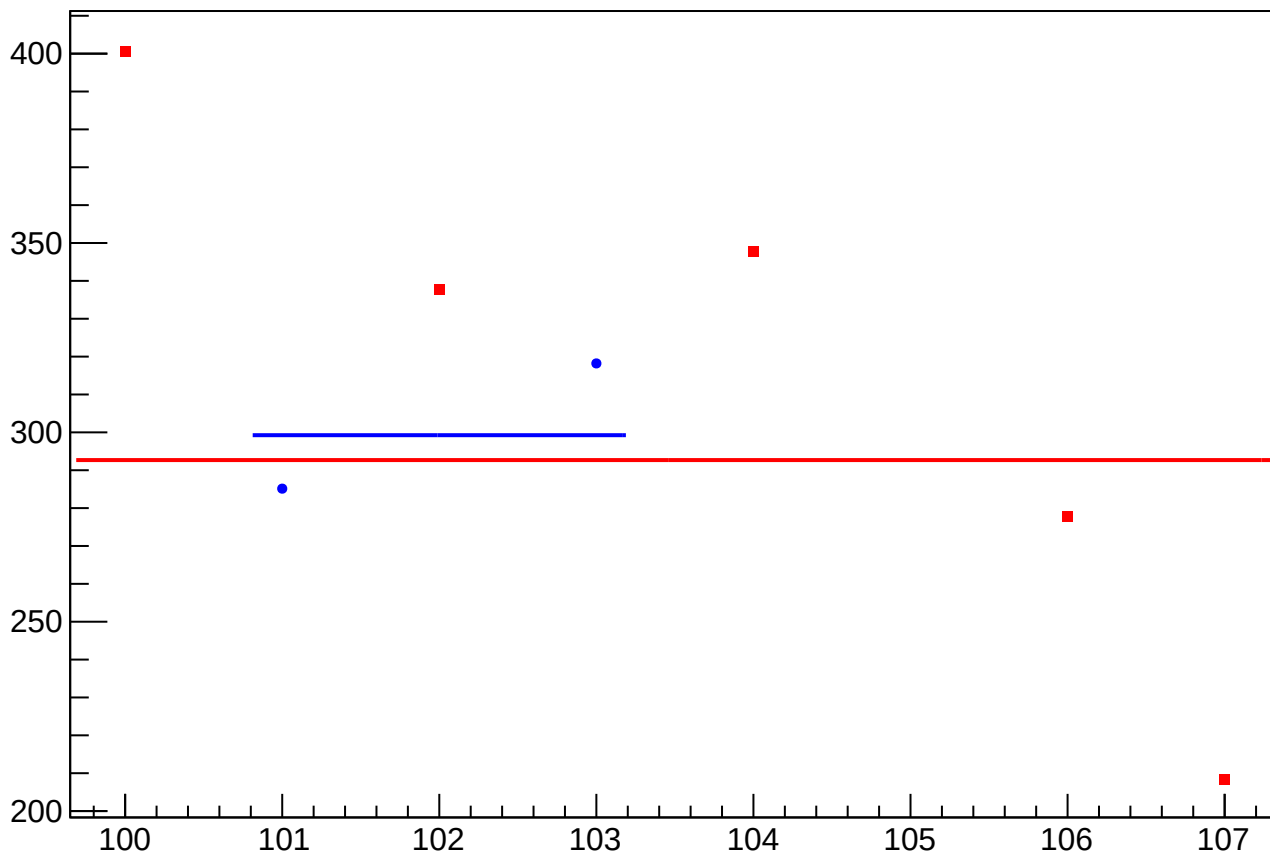
Right: -79.627 $\pm$ 173.383 χ^2 /NDF: 11.4/6

In: -272.147 $\pm$ 268.964 χ^2 /NDF:1.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -79.627 $\pm$ 173.383 χ^2 /NDF: 11.4/6

asym_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 299.252+/-0.190 χ^2/NDF : 7396.2/1

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

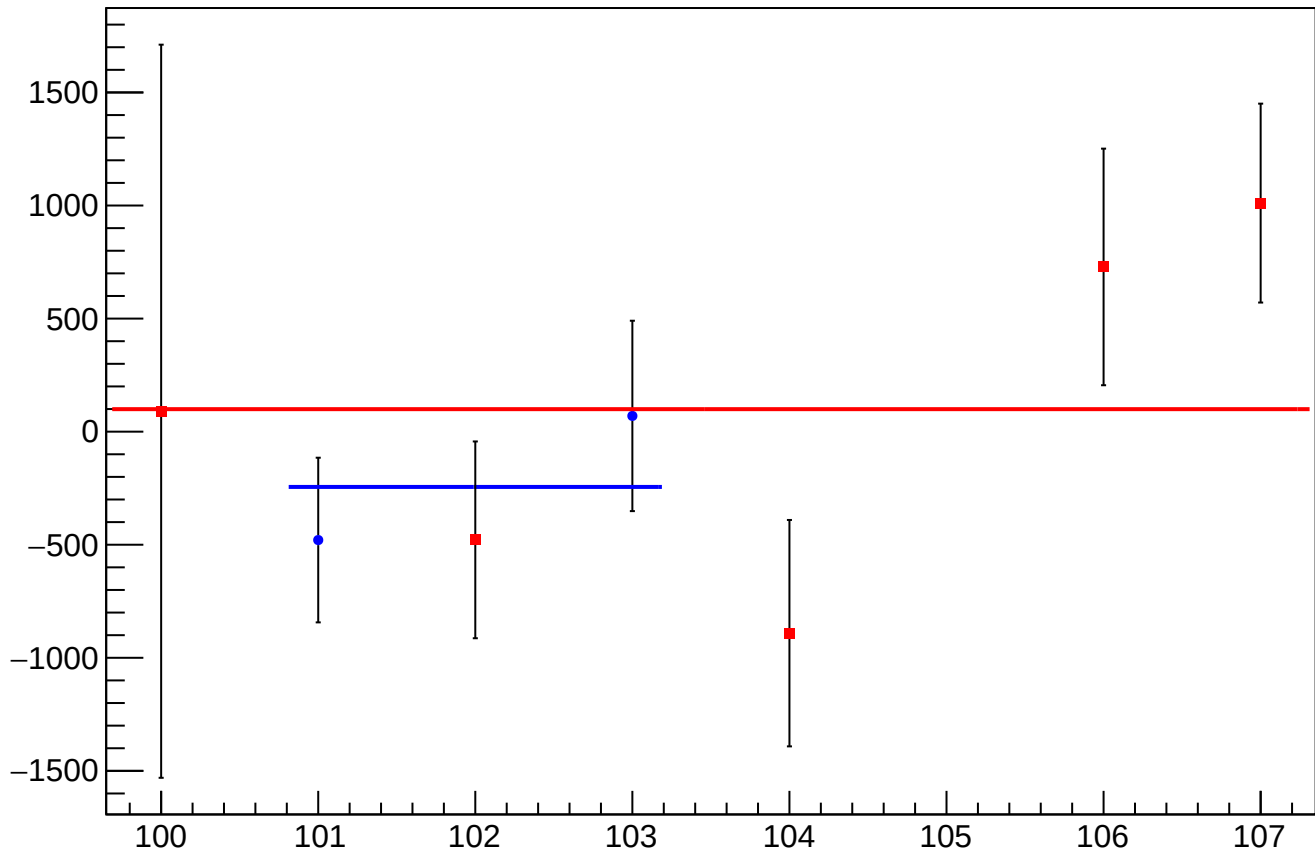
Right: 295.412+/-0.123 χ^2/NDF : 145541.8/6

In: 299.252+/-0.190 χ^2/NDF : 7396.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 295.412+/-0.123 χ^2/NDF : 145541.8/6

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: -244.414 $\pm$ 275.376 χ^2 /NDF: 1.0/1

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

Right Out: 99.522 $\pm$ 232.640 χ^2 /NDF: 11.4/4

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

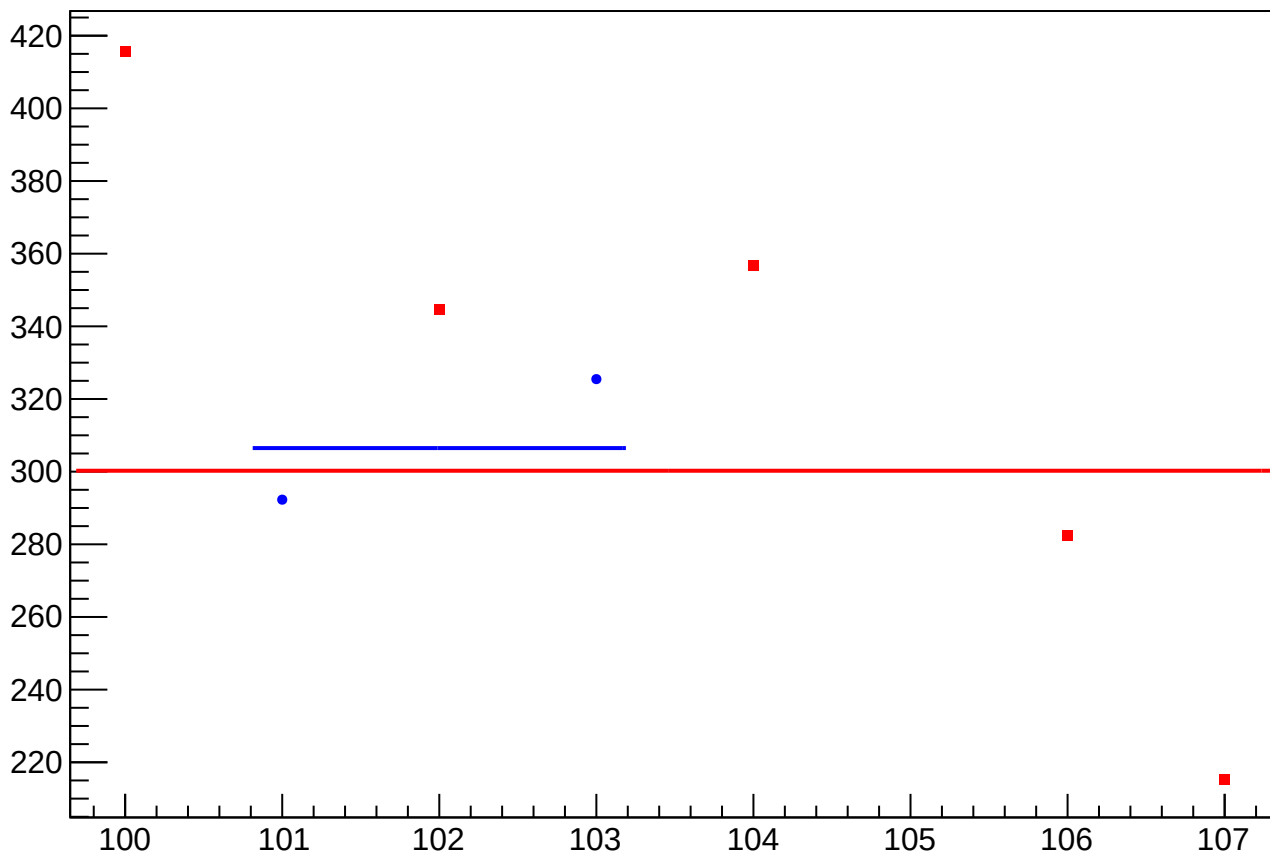
Right: -43.716 $\pm$ 177.712 χ^2 /NDF: 13.3/6

In: -244.414 $\pm$ 275.376 χ^2 /NDF: 1.0/1

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

All: -43.716 $\pm$ 177.712 χ^2 /NDF: 13.3/6

asym_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 306.489+/-0.195 χ^2/NDF : 7109.5/1

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

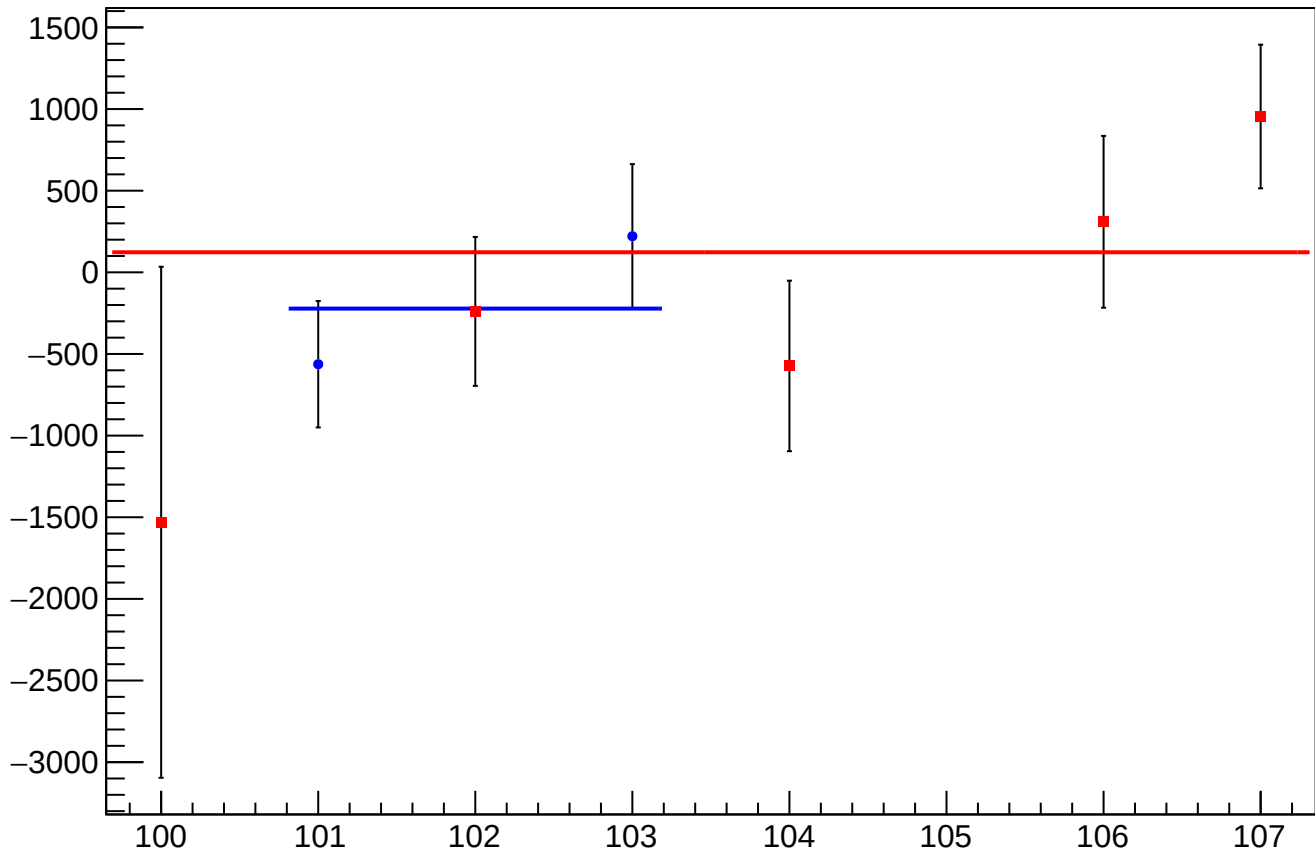
Right: 302.850+/-0.126 χ^2/NDF : 141296.4/6

In: 306.489+/-0.195 χ^2/NDF : 7109.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 302.850+/-0.126 χ^2/NDF : 141296.4/6

asym_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: -222.071+/-291.072 χ^2/NDF : 1.8/1

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

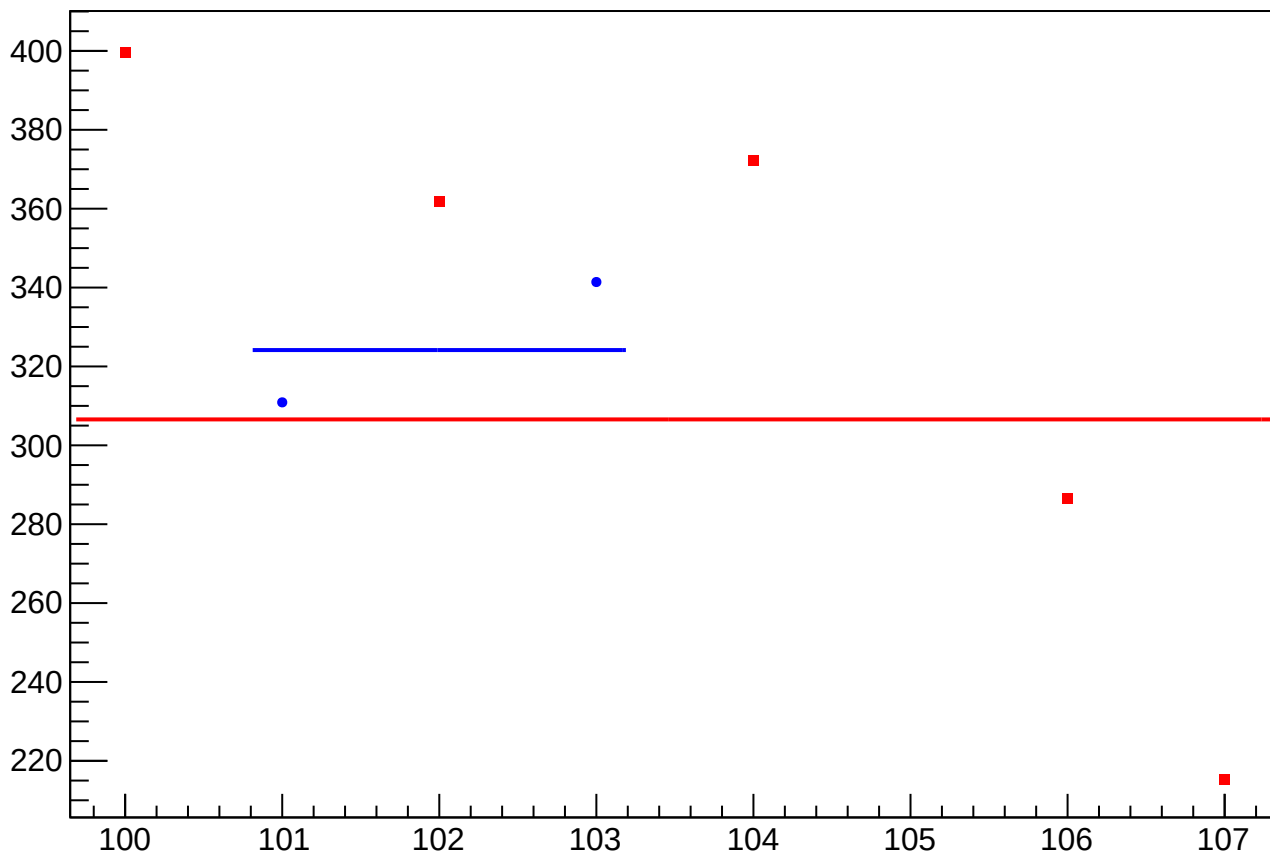
Right: -15.306+/-184.228 χ^2/NDF : 9.8/6

In: -222.071+/-291.072 χ^2/NDF : 1.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.306+/-184.228 χ^2/NDF : 9.8/6

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 324.154+/-0.206 χ^2/NDF : 5400.4/1

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

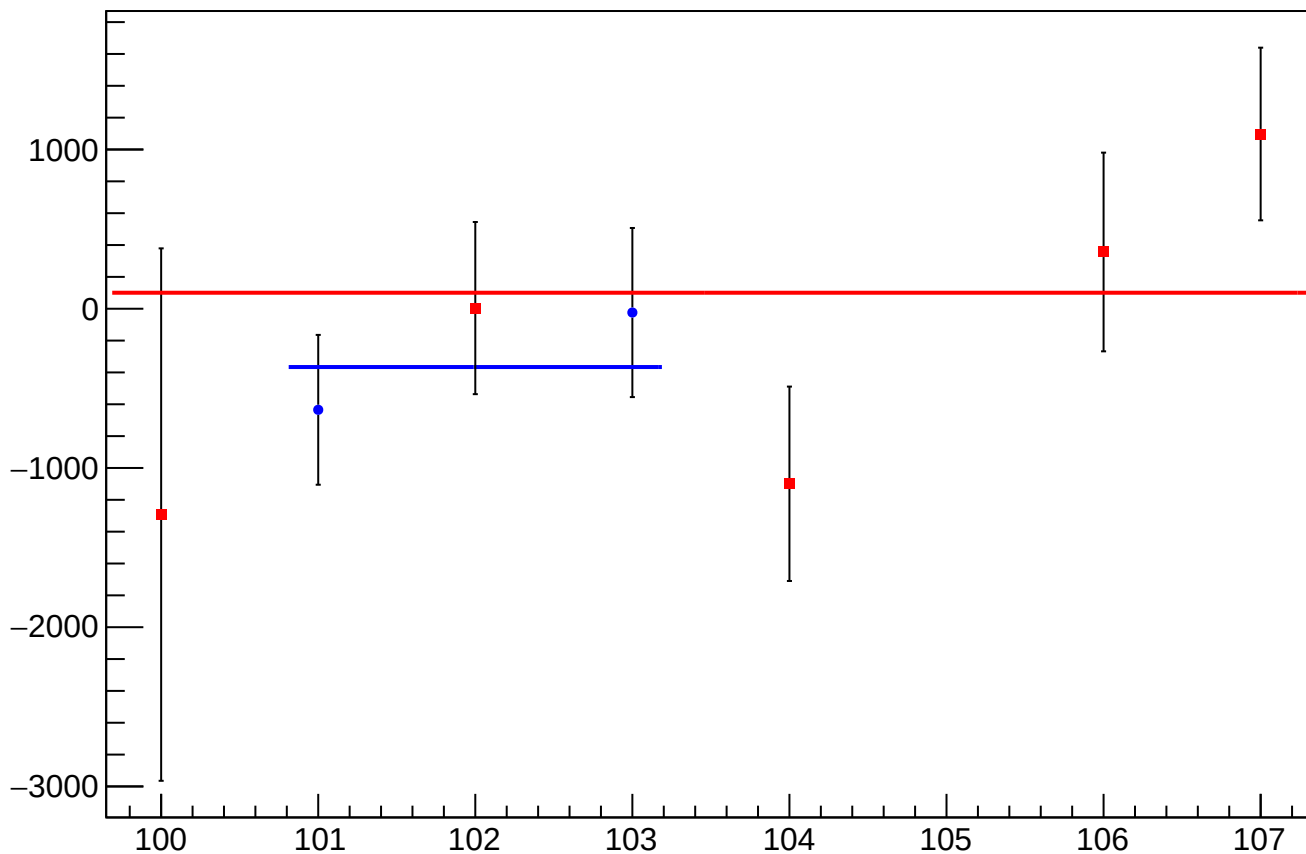
Right: 313.614+/-0.130 χ^2/NDF : 166928.2/6

In: 324.154+/-0.206 χ^2/NDF : 5400.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 313.614+/-0.130 χ^2/NDF : 166928.2/6

asym_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: -366.131+/-352.144 χ^2/NDF : 0.7/1

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

Right Out: 100.487+/-283.586 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

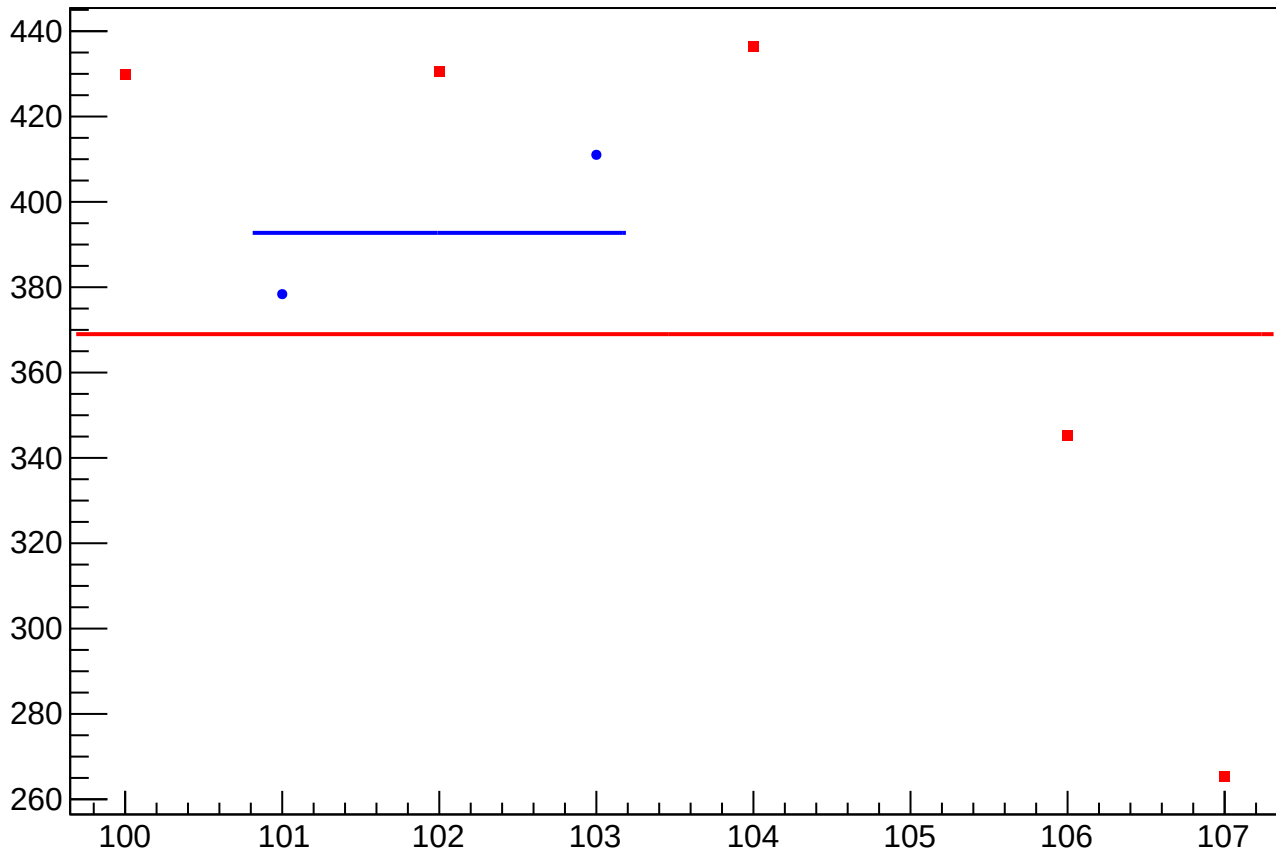
Right: -83.080+/-220.870 χ^2/NDF : 9.9/6

In: -366.131+/-352.144 χ^2/NDF : 0.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -83.080+/-220.870 χ^2/NDF : 9.9/6

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 392.739+/-0.249 χ^2/NDF : 4236.4/1

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

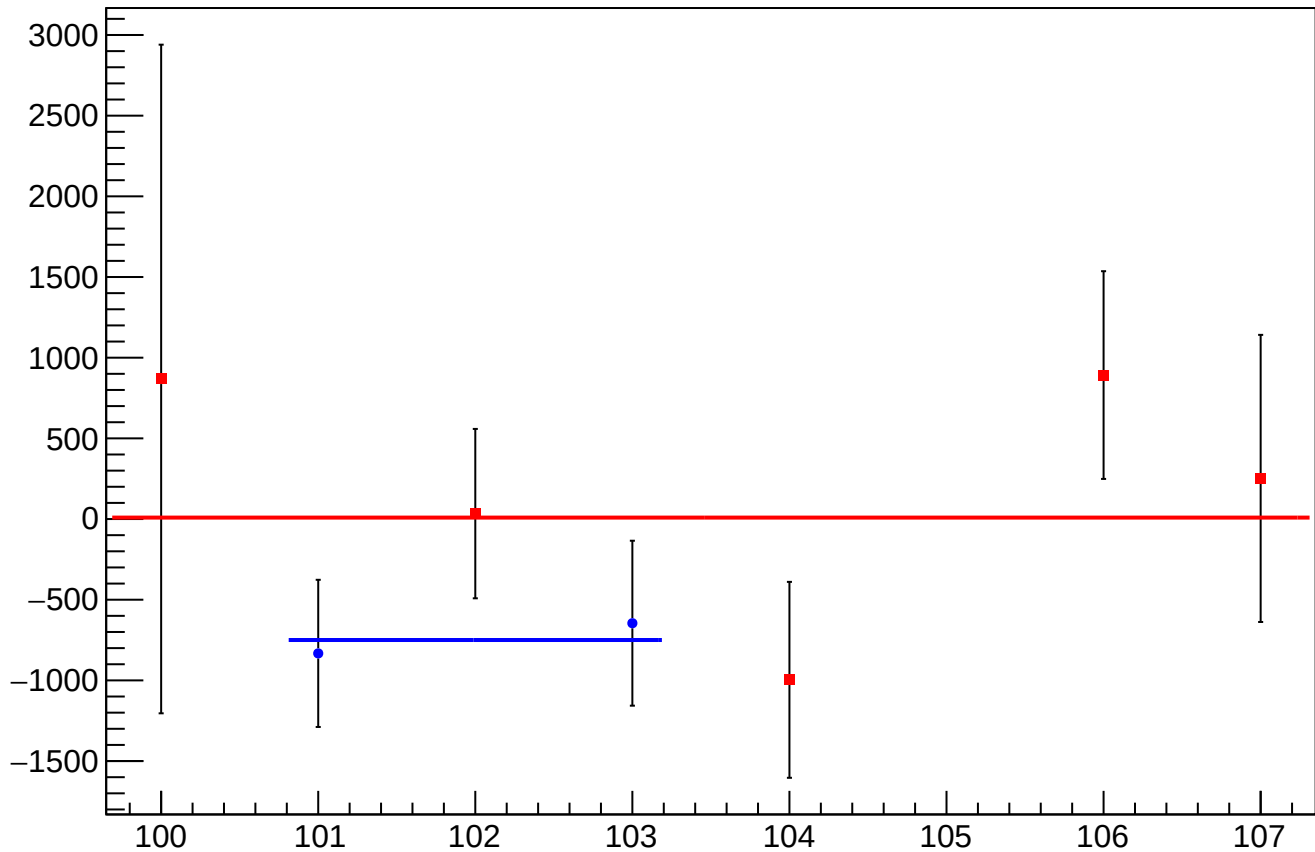
Right: 378.339+/-0.156 χ^2/NDF : 138556.9/6

In: 392.739+/-0.249 χ^2/NDF : 4236.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 378.339+/-0.156 χ^2/NDF : 138556.9/6

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -749.758 $\pm$ 340.305 χ^2 /NDF: 0.1/1

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

Right Out: 8.962 $\pm$ 312.318 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

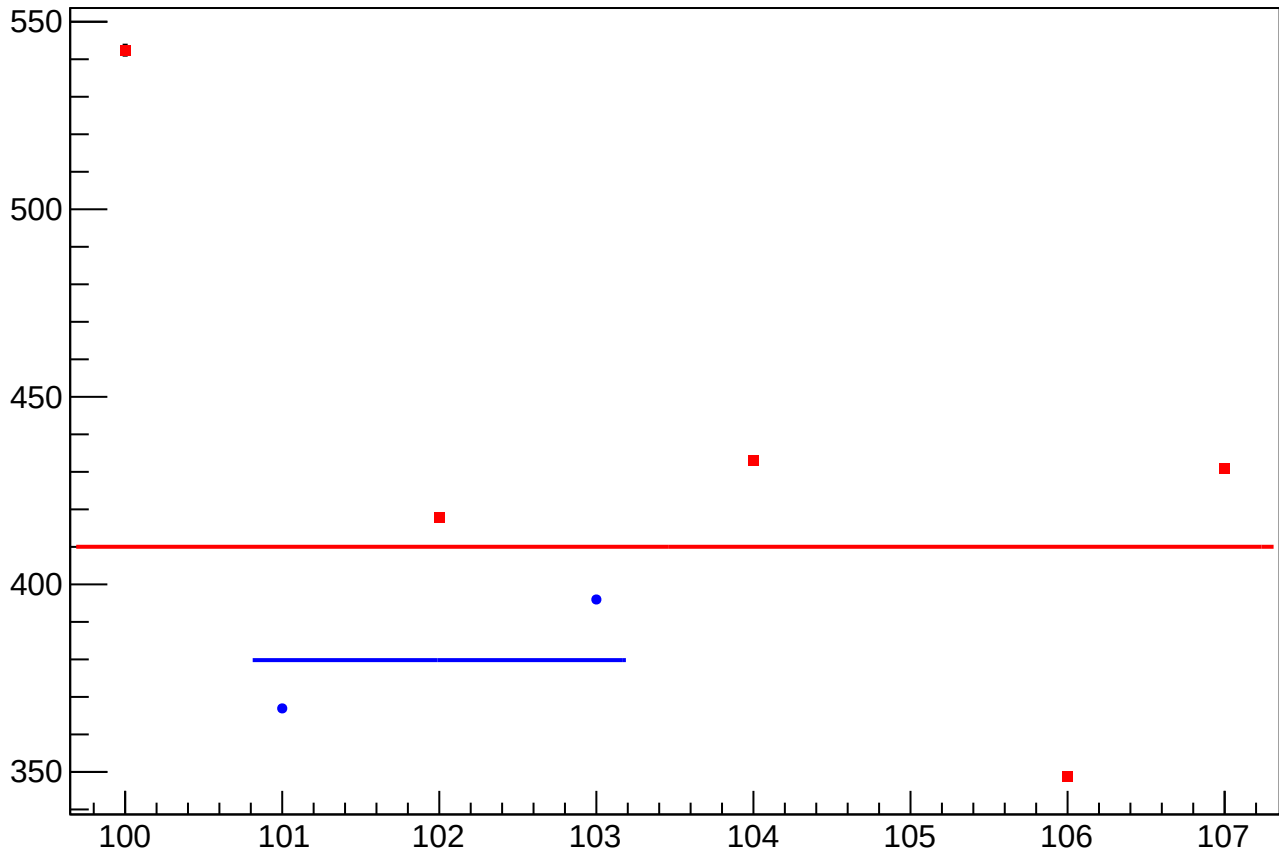
Right: -337.920 $\pm$ 230.101 χ^2 /NDF: 7.6/6

In: -749.758 $\pm$ 340.305 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -337.920 $\pm$ 230.101 χ^2 /NDF: 7.6/6

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 379.810 $\pm$ 0.241 χ^2 /NDF: 3592.9/1

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

Right Out: 410.029 $\pm$ 0.221 χ^2 /NDF: 30590.2/4

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

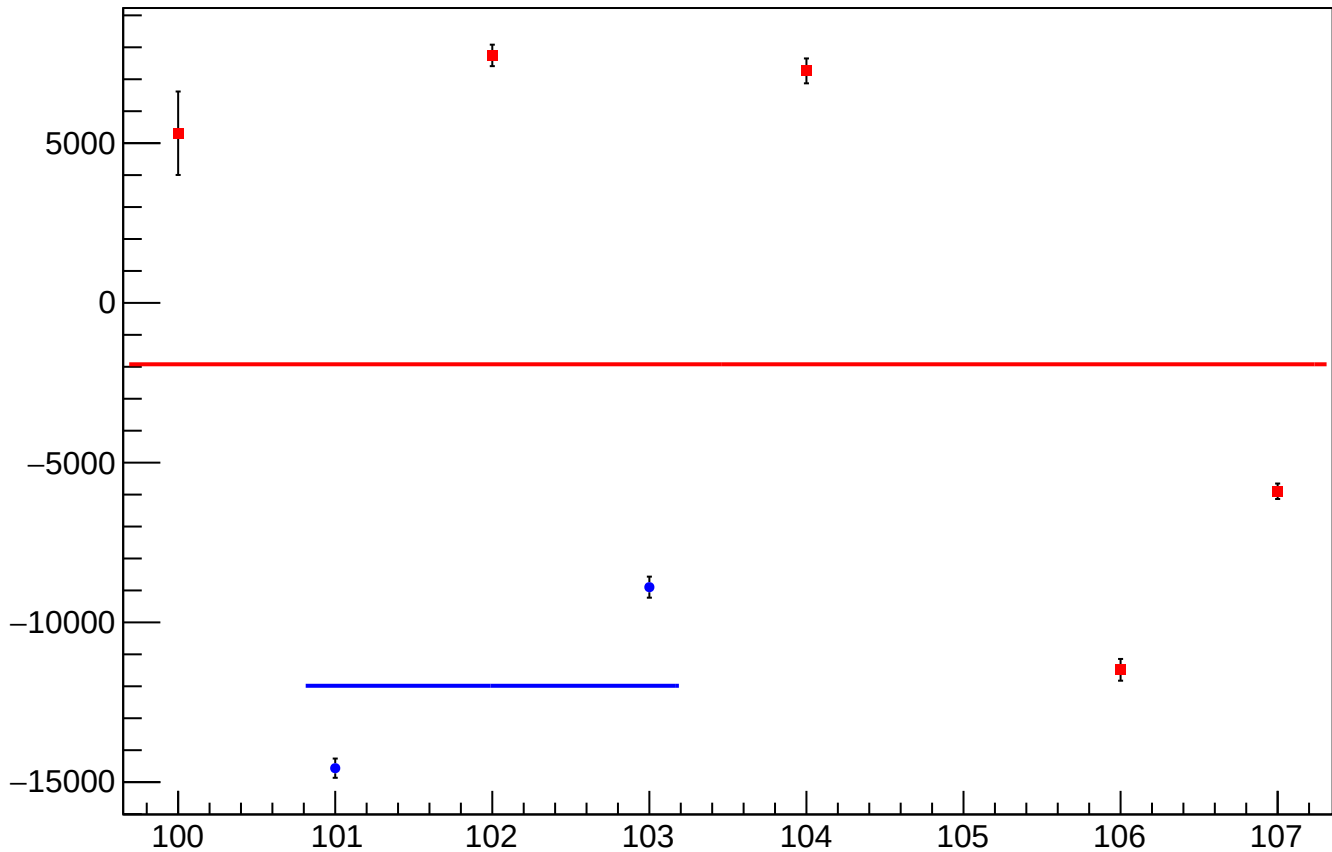
Right: 396.213 $\pm$ 0.163 χ^2 /NDF: 42743.5/6

In: 379.810 $\pm$ 0.241 χ^2 /NDF:3592.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 396.213 $\pm$ 0.163 χ^2 /NDF: 42743.5/6

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: -11983.984+/-222.266 χ^2/NDF : 161.1/1

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

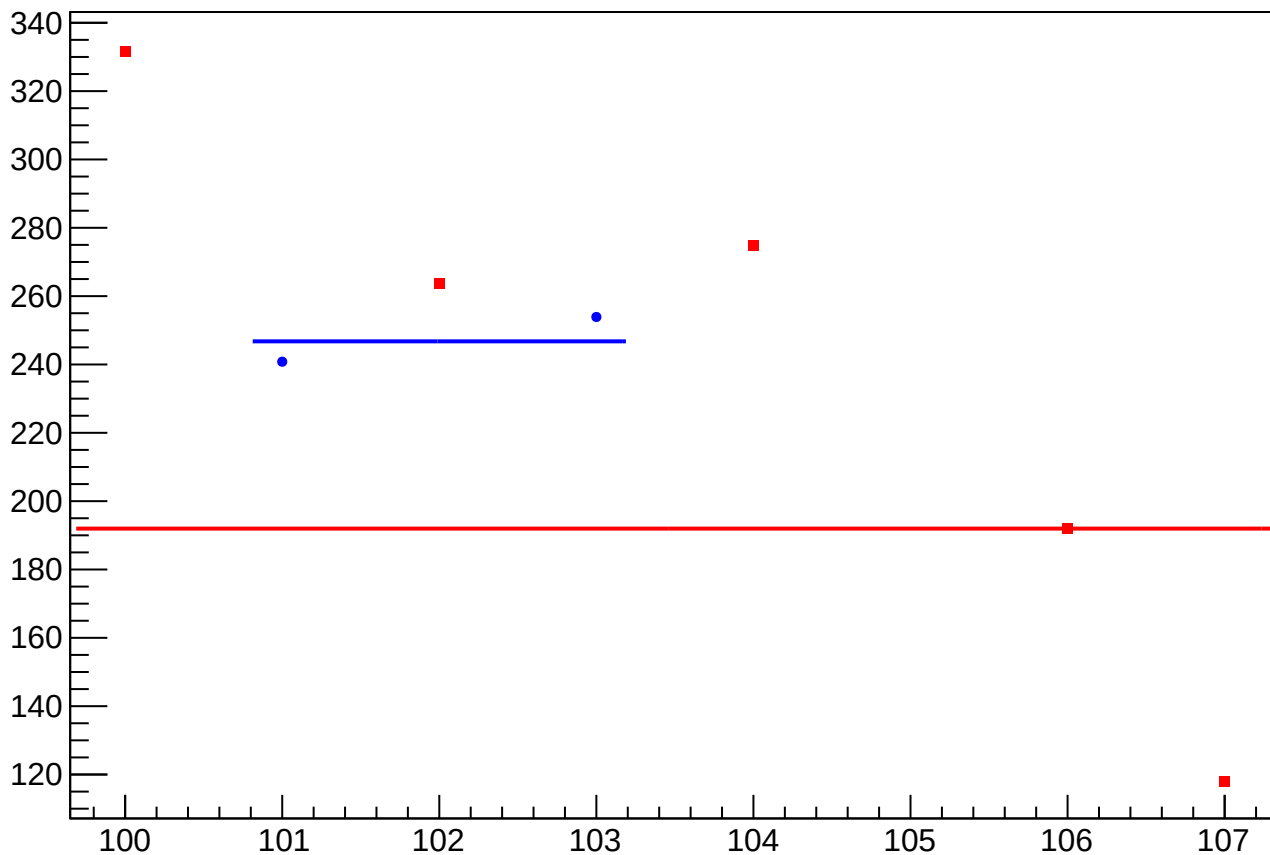
Right: -5207.424+/-127.014 χ^2/NDF : 4015.2/6

In: -11983.984+/-222.266 χ^2/NDF : 161.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5207.424+/-127.014 χ^2/NDF : 4015.2/6

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 246.769 $\pm$ 0.157 χ^2 /NDF: 1721.6/1

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

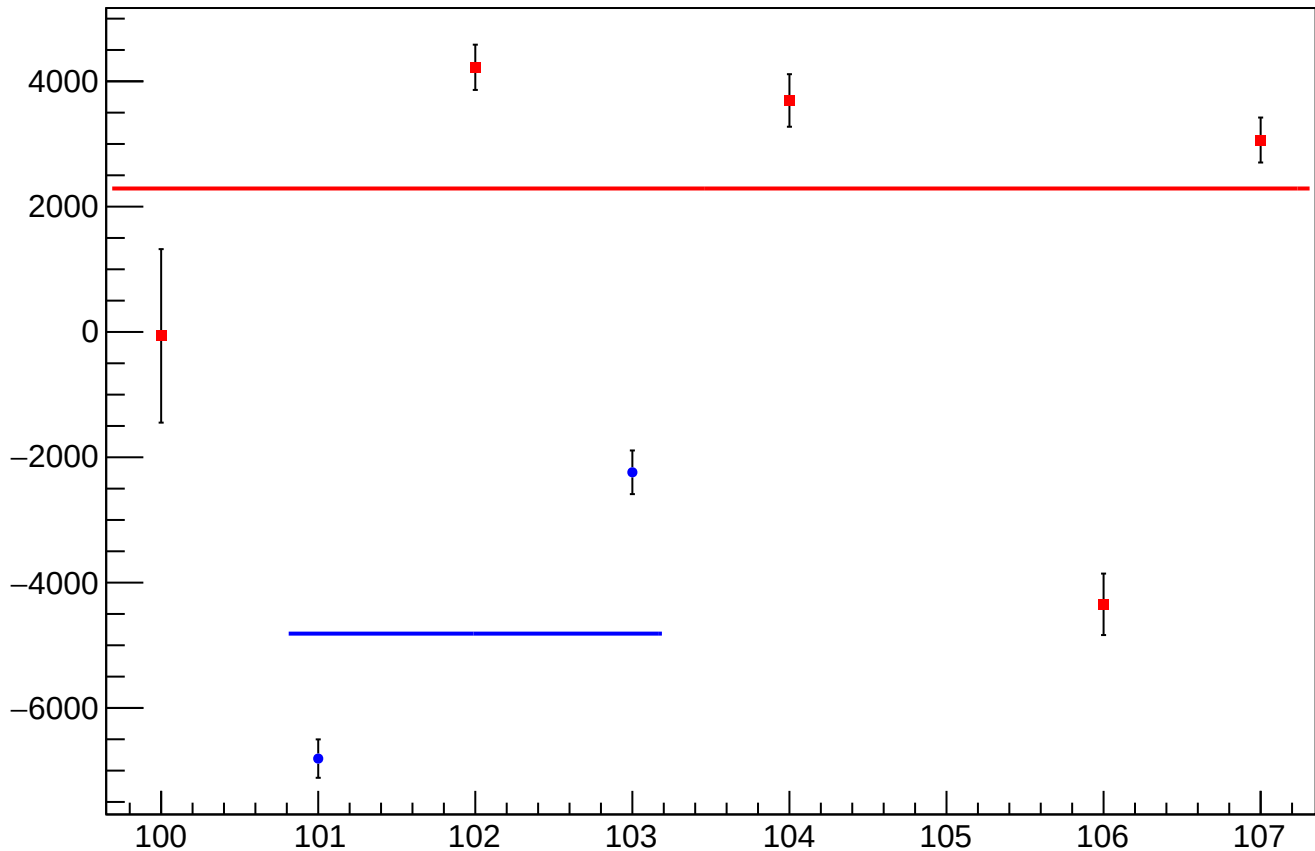
Right: 209.865 $\pm$ 0.090 χ^2 /NDF: 474439.3/6

In: 246.769 $\pm$ 0.157 χ^2 /NDF:1721.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 209.865 $\pm$ 0.090 χ^2 /NDF: 474439.3/6

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: -4813.875 $\pm$ 230.103 χ^2 /NDF: 97.0/1

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

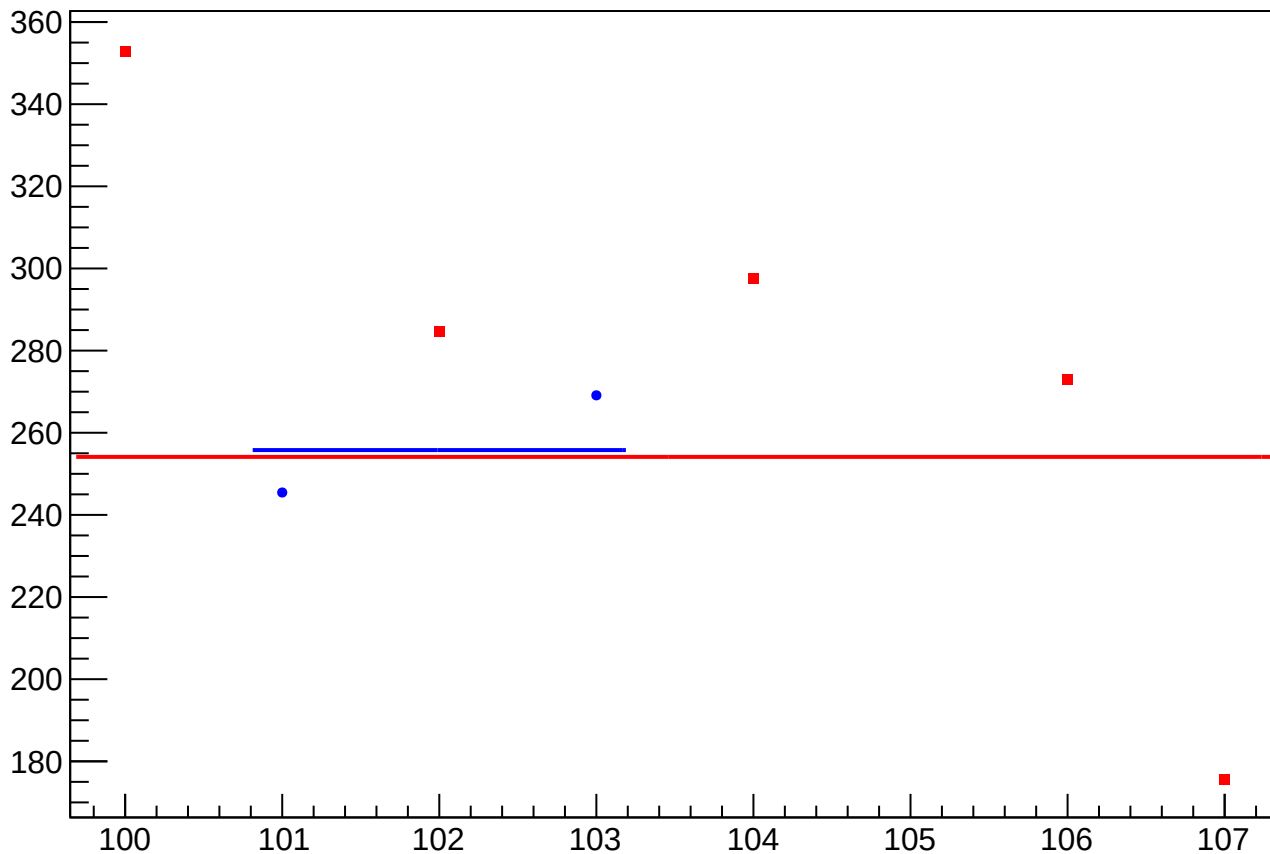
Right: -712.647 $\pm$ 149.590 χ^2 /NDF: 877.8/6

In: -4813.875 $\pm$ 230.103 χ^2 /NDF: 97.0/1

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

All: -712.647 $\pm$ 149.590 χ^2 /NDF: 877.8/6

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 255.781 $\pm$ 0.163 χ^2 /NDF: 5200.5/1

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

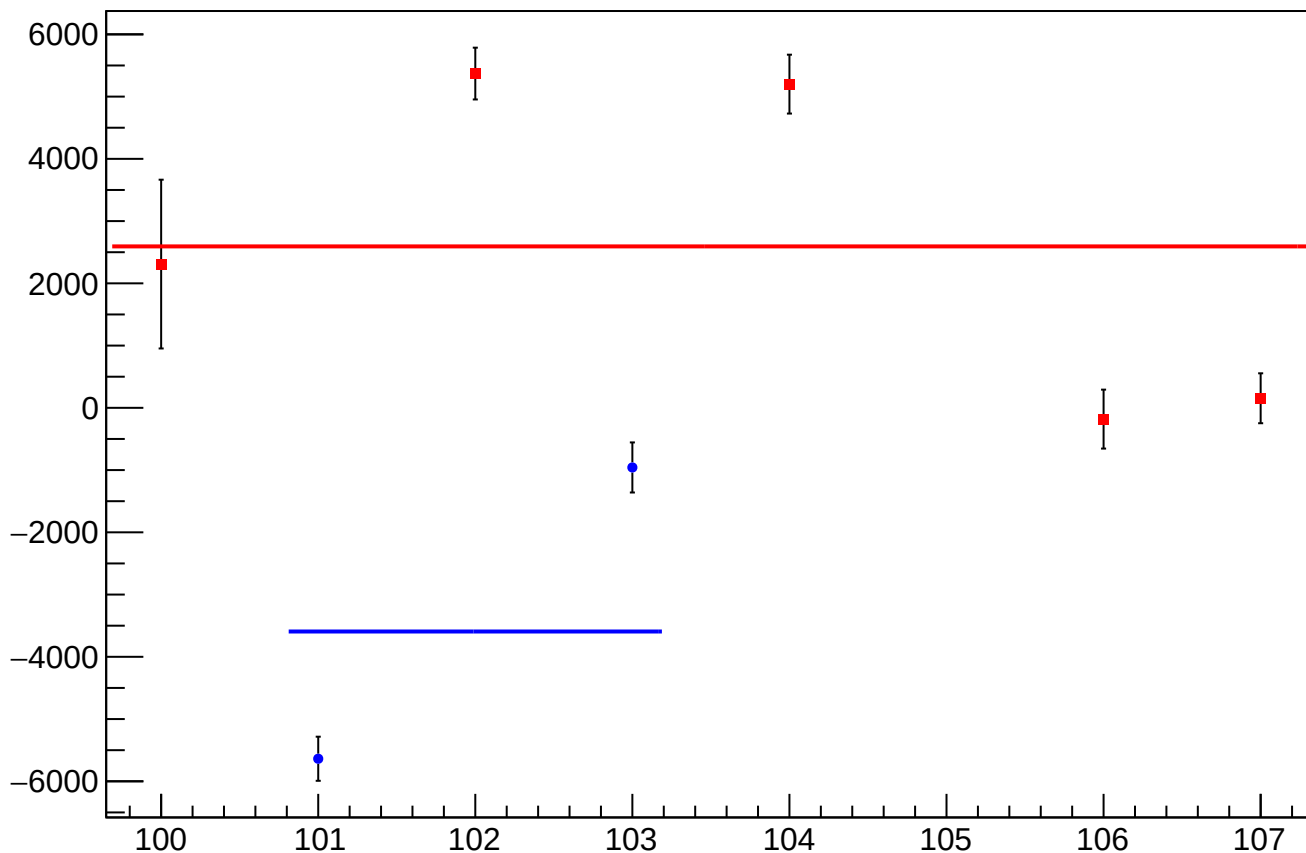
Right: 254.826 $\pm$ 0.106 χ^2 /NDF: 150024.0/6

In: 255.781 $\pm$ 0.163 χ^2 /NDF: 5200.5/1

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

All: 254.826 $\pm$ 0.106 χ^2 /NDF: 150024.0/6

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: -3593.359 +/- 265.856 χ^2/NDF : 76.2/1

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

Right Out: 2593.434 +/- 215.813 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

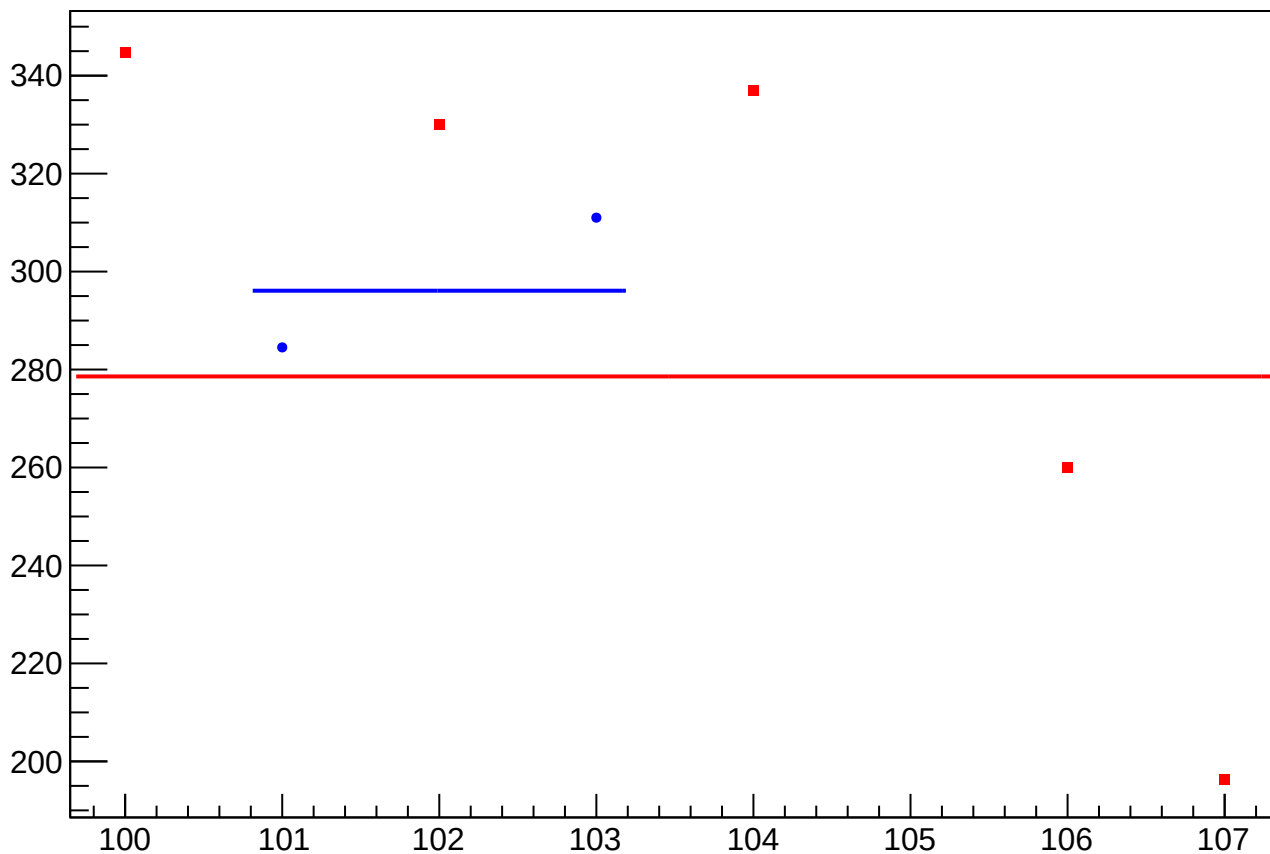
Right: 135.950 +/- 167.555 χ^2/NDF : 549.0/6

In: -3593.359 +/- 265.856 χ^2/NDF : 76.2/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 135.950 +/- 167.555 χ^2/NDF : 549.0/6

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 296.093+/-0.188 χ^2/NDF : 4883.9/1

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

Right Out: 278.591+/-0.153 χ^2/NDF : 153138.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

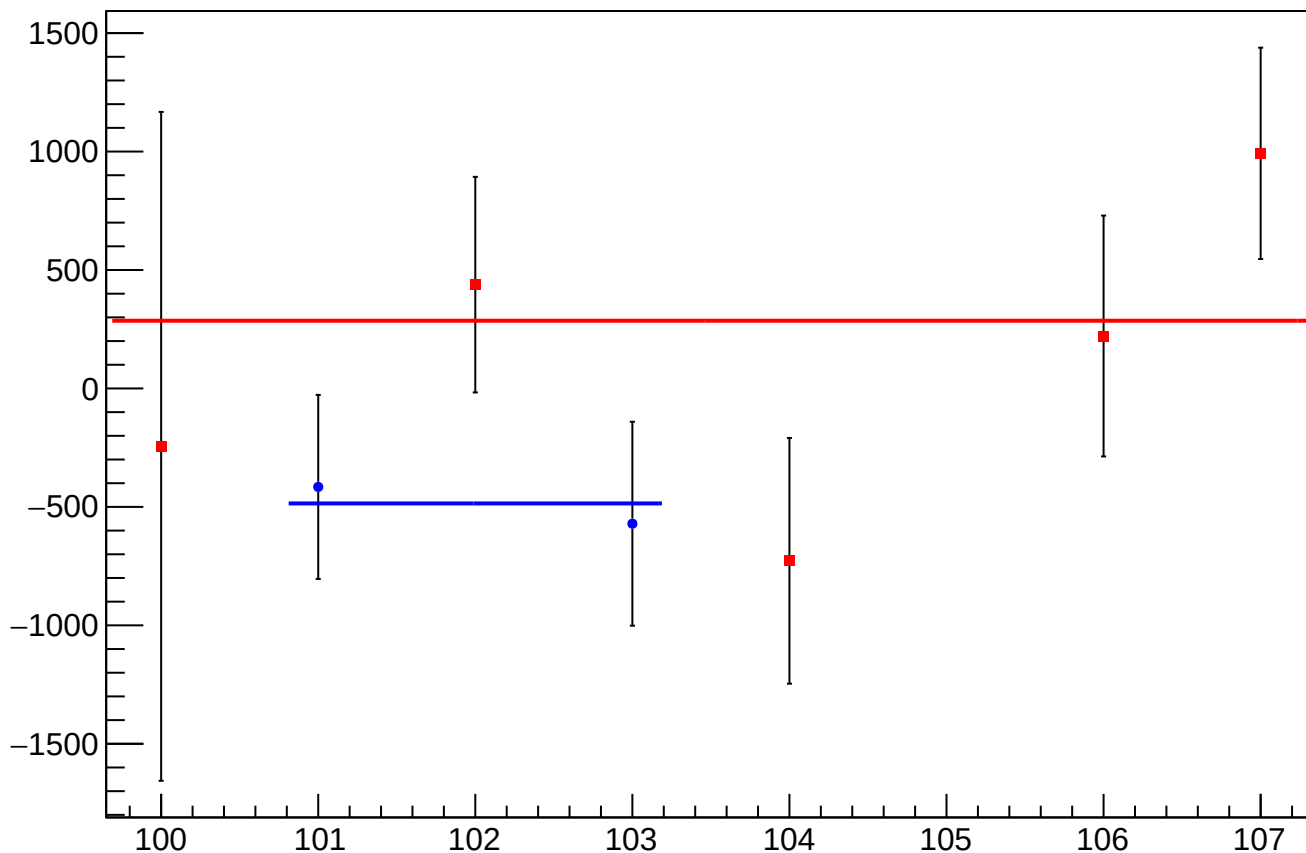
Right: 285.543+/-0.118 χ^2/NDF : 163247.4/6

In: 296.093+/-0.188 χ^2/NDF : 4883.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 285.543+/-0.118 χ^2/NDF : 163247.4/6

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -485.395+/-288.376 χ^2/NDF : 0.1/1

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

Right Out: 285.935+/-236.083 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

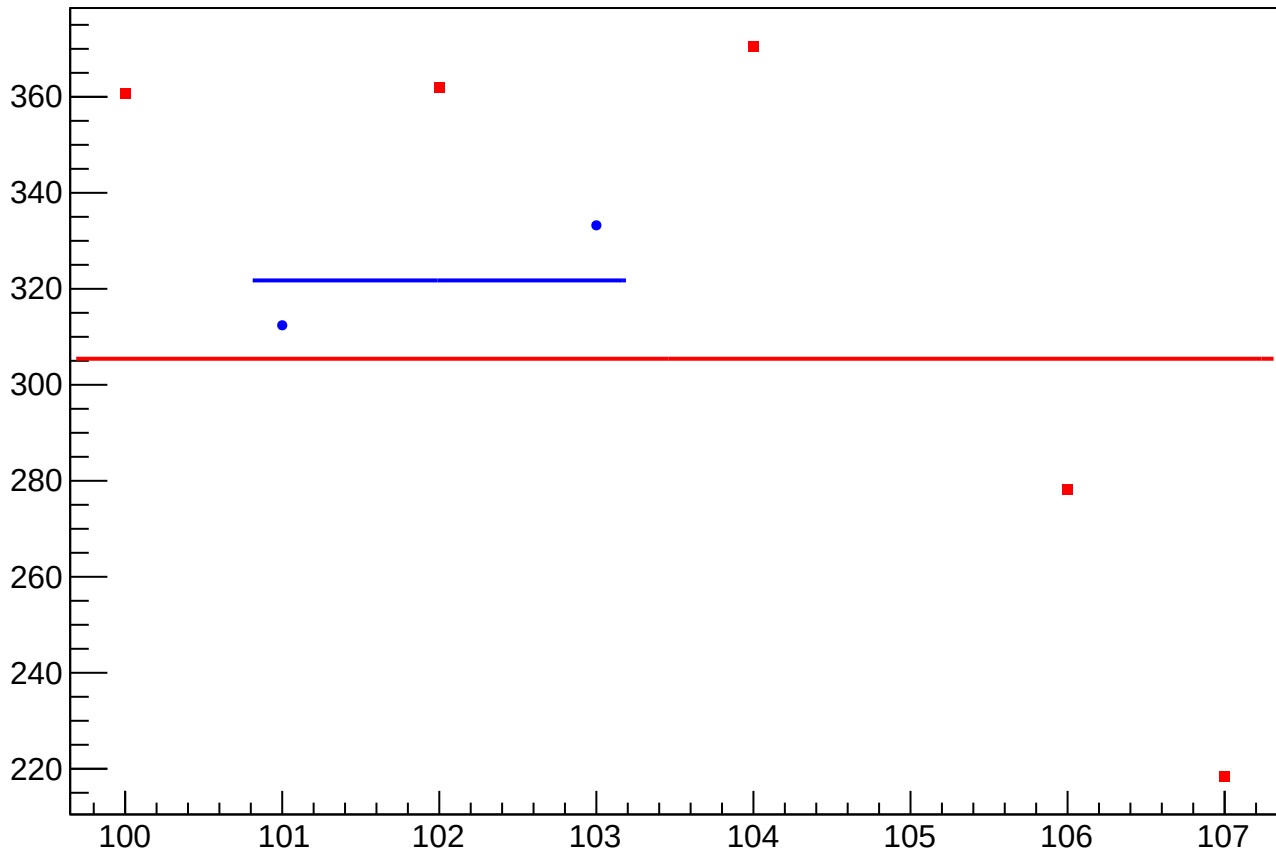
Right: -23.580+/-182.675 χ^2/NDF : 11.0/6

In: -485.395+/-288.376 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.580+/-182.675 χ^2/NDF : 11.0/6

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 321.749+/-0.204 χ^2/NDF : 2580.5/1

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

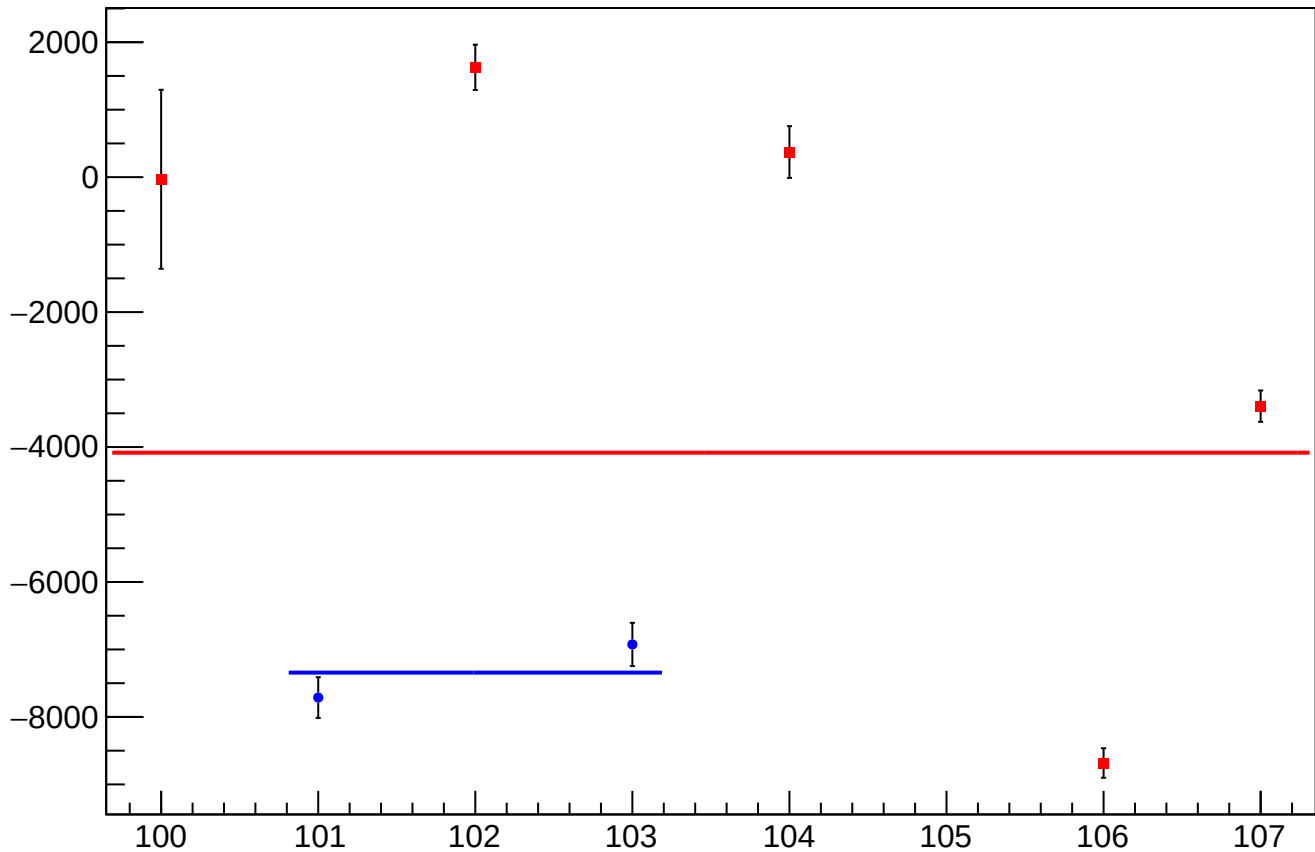
Right: 311.980+/-0.129 χ^2/NDF : 153712.7/6

In: 321.749+/-0.204 χ^2/NDF : 2580.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 311.980+/-0.129 χ^2/NDF : 153712.7/6

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -7342.948+/-219.717 χ^2/NDF : 3.2/1

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

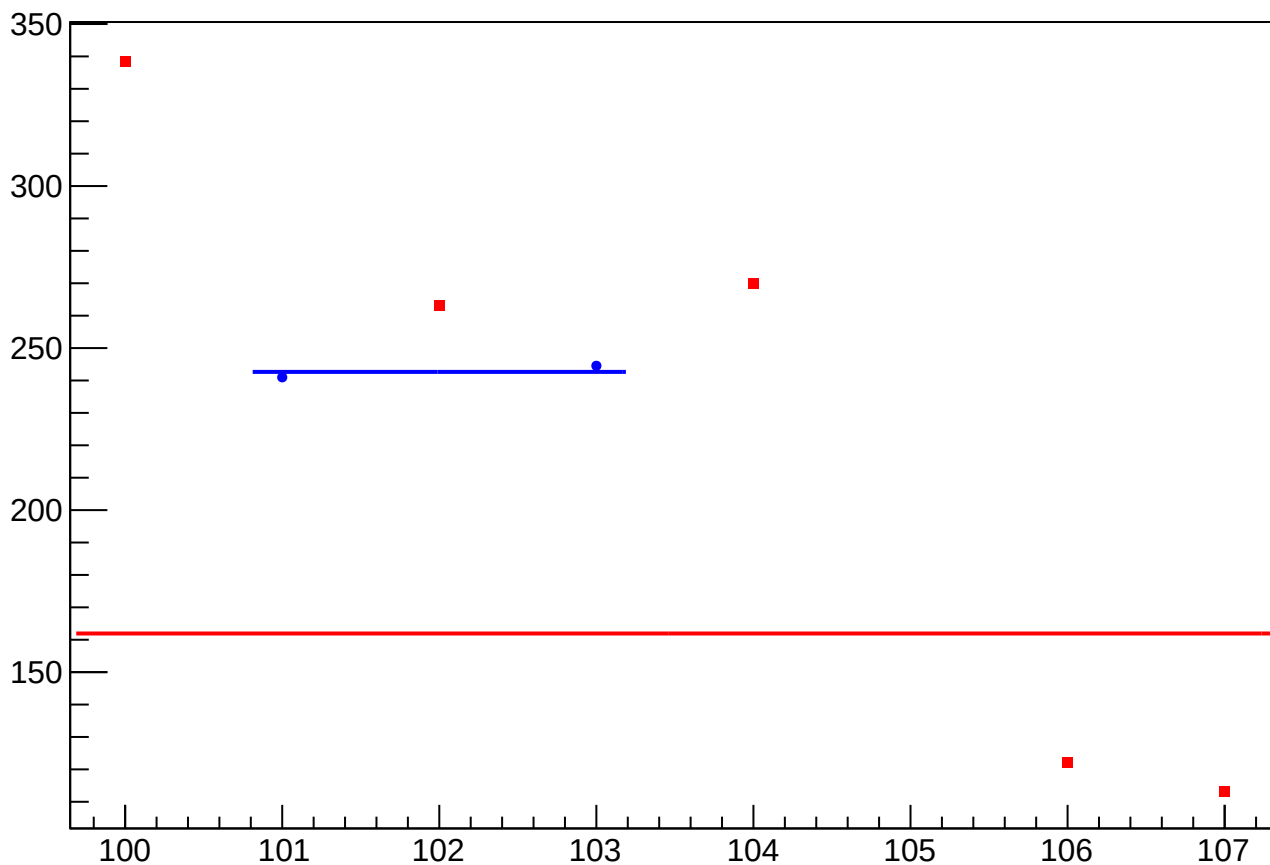
Right: -4967.828+/-114.439 χ^2/NDF : 1047.3/6

In: -7342.948+/-219.717 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4967.828+/-114.439 χ^2/NDF : 1047.3/6

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 242.652+/-0.155 χ^2/NDF : 130.7/1

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

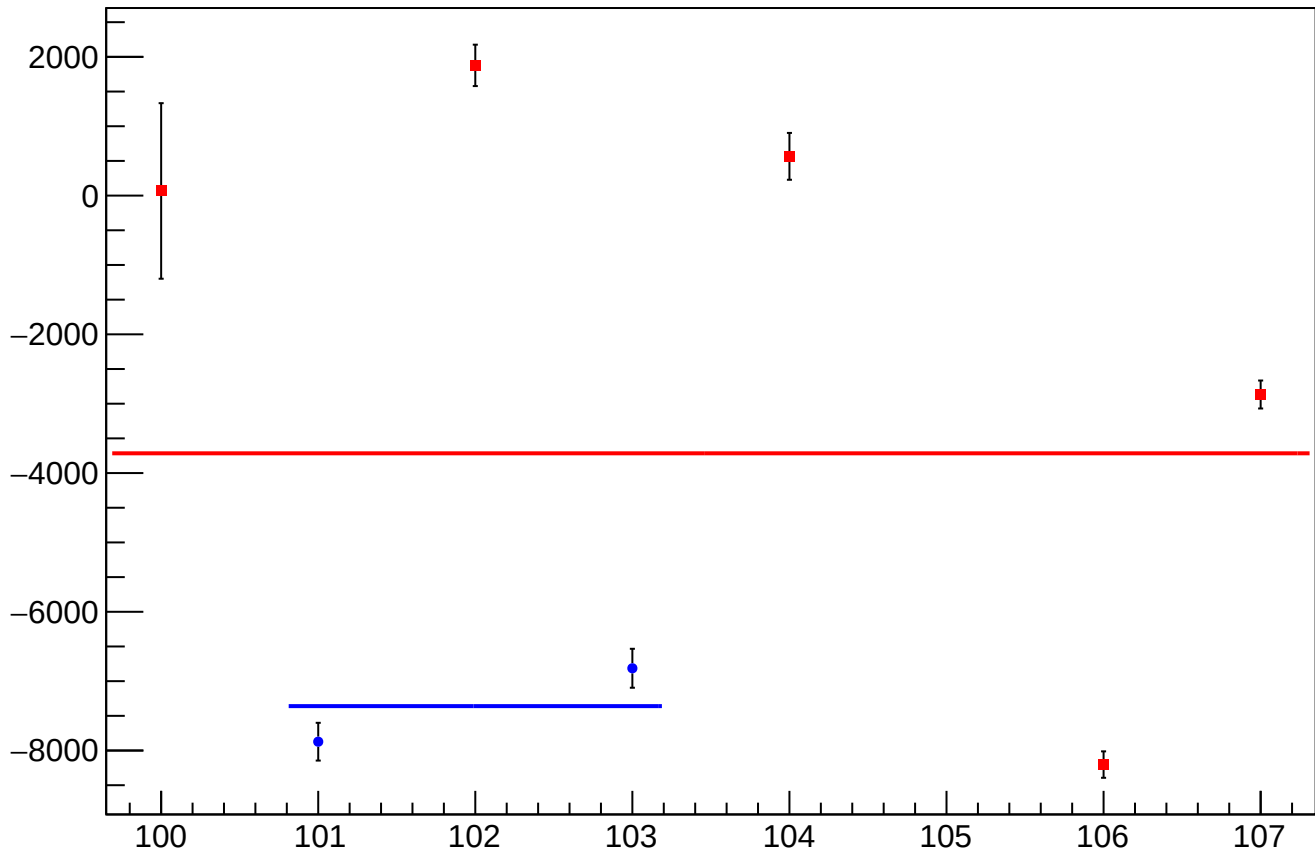
Right: 183.829+/-0.081 χ^2/NDF : 725991.6/6

In: 242.652+/-0.155 χ^2/NDF : 130.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.829+/-0.081 χ^2/NDF : 725991.6/6

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: -7359.872 $\pm$ 195.425 χ^2 /NDF: 7.3/1

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

Right Out: -3715.298 $\pm$ 117.246 χ^2 /NDF: 1093.1/4

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

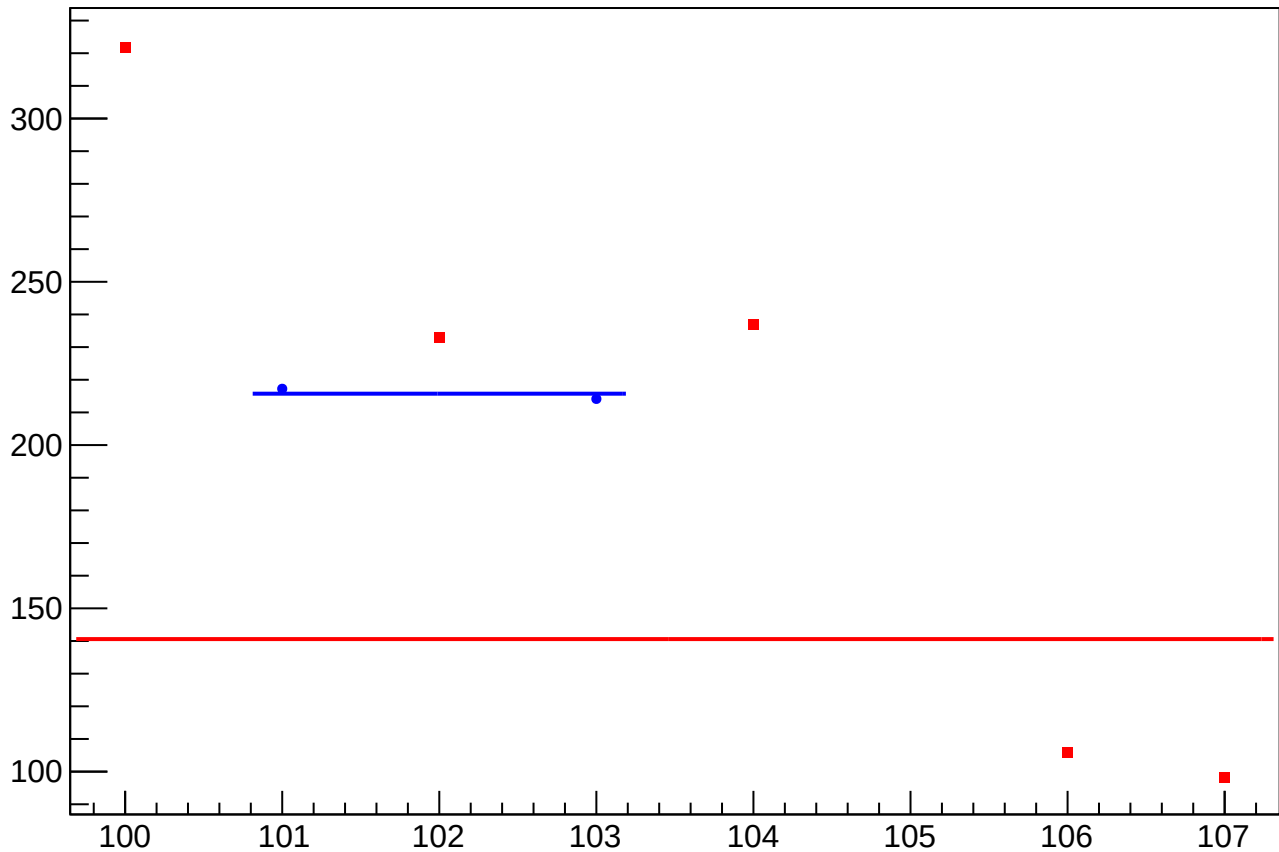
Right: -4679.931 $\pm$ 100.540 χ^2 /NDF: 1356.2/6

In: -7359.872 $\pm$ 195.425 χ^2 /NDF: 7.3/1

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

All: -4679.931 $\pm$ 100.540 χ^2 /NDF: 1356.2/6

asym_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 215.737 $\pm$ 0.138 χ^2 /NDF: 125.7/1

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

Right Out: 140.586 $\pm$ 0.083 χ^2 /NDF: 548952.2/4

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

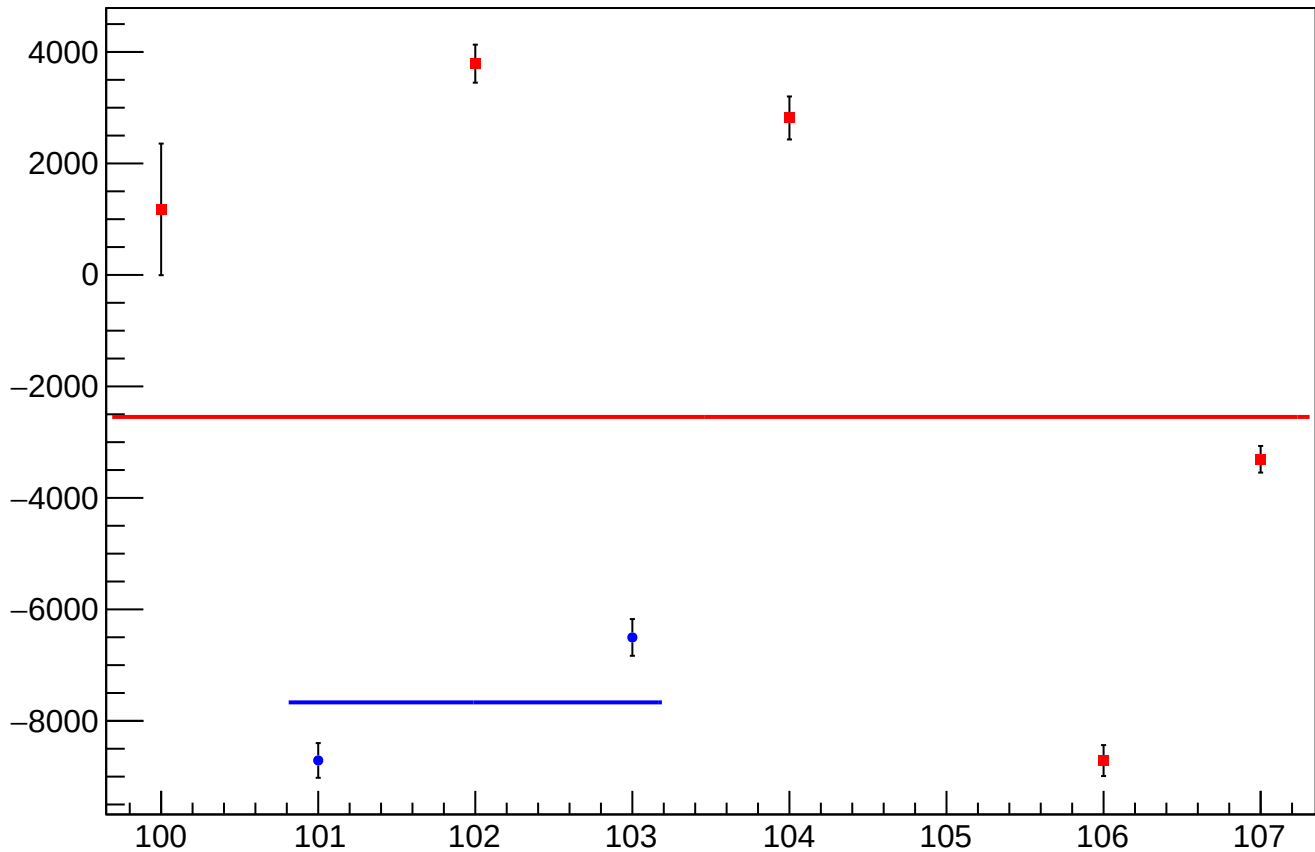
Right: 160.477 $\pm$ 0.071 χ^2 /NDF: 766555.0/6

In: 215.737 $\pm$ 0.138 χ^2 /NDF: 125.7/1

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

All: 160.477 $\pm$ 0.071 χ^2 /NDF: 766555.0/6

asym_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: -7668.339+/-226.215 χ^2/NDF : 23.7/1

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

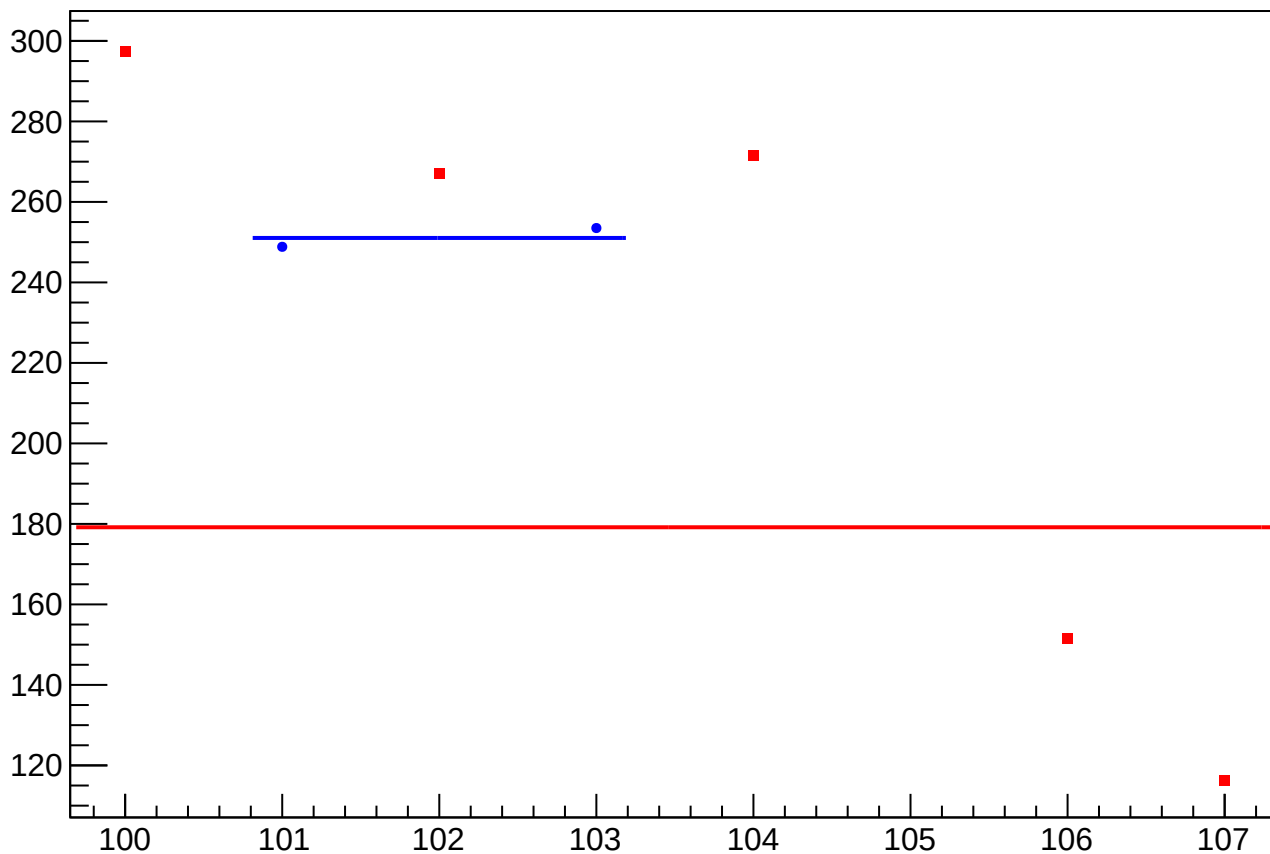
Right: -4060.611+/-122.970 χ^2/NDF : 1437.2/6

In: -7668.339+/-226.215 χ^2/NDF : 23.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4060.611+/-122.970 χ^2/NDF : 1437.2/6

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 251.047 $\pm$ 0.160 χ^2 /NDF: 211.8/1

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

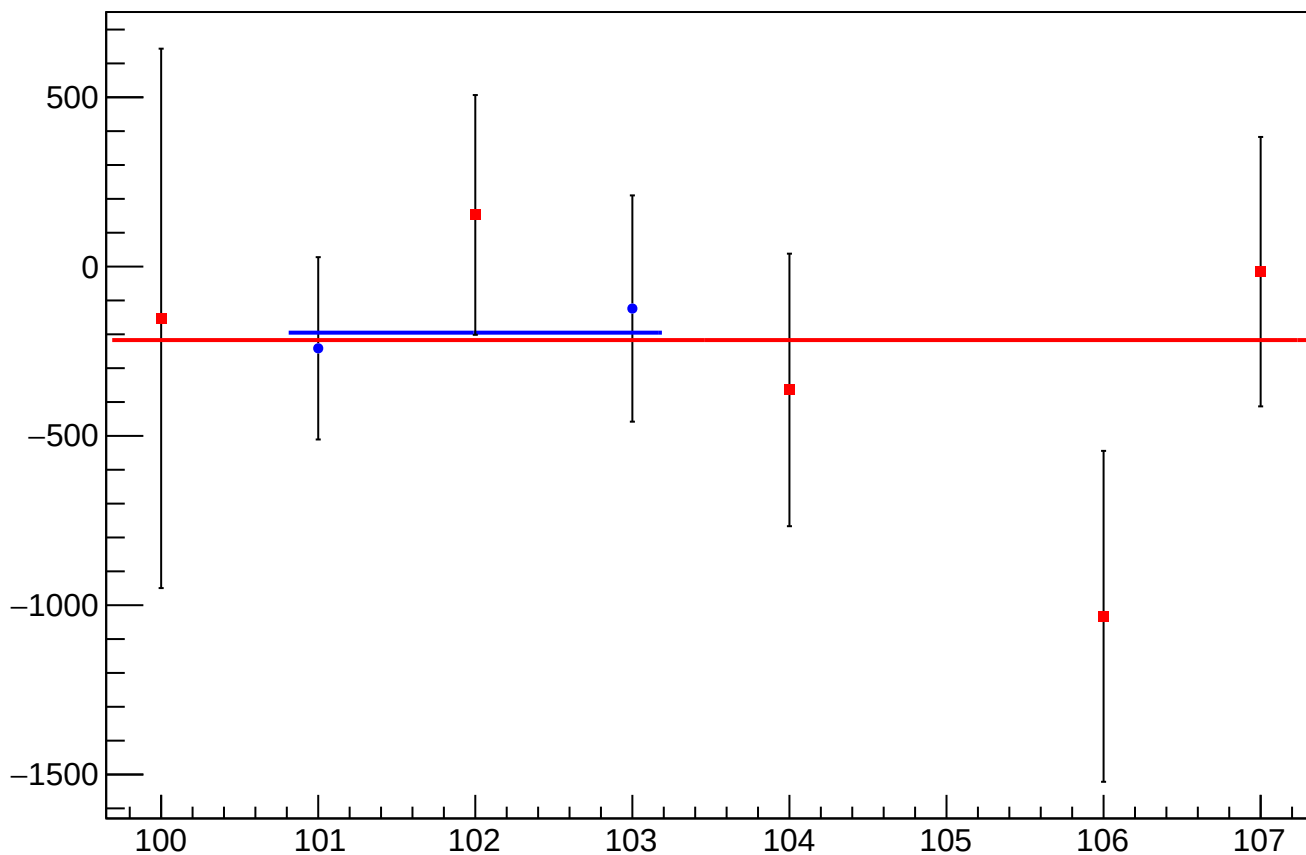
Right: 200.406 $\pm$ 0.087 χ^2 /NDF: 569069.2/6

In: 251.047 $\pm$ 0.160 χ^2 /NDF:211.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 200.406 $\pm$ 0.087 χ^2 /NDF: 569069.2/6

asym_bcm_2an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -195.119 $\pm$ 209.628 χ^2 /NDF: 0.1/1

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

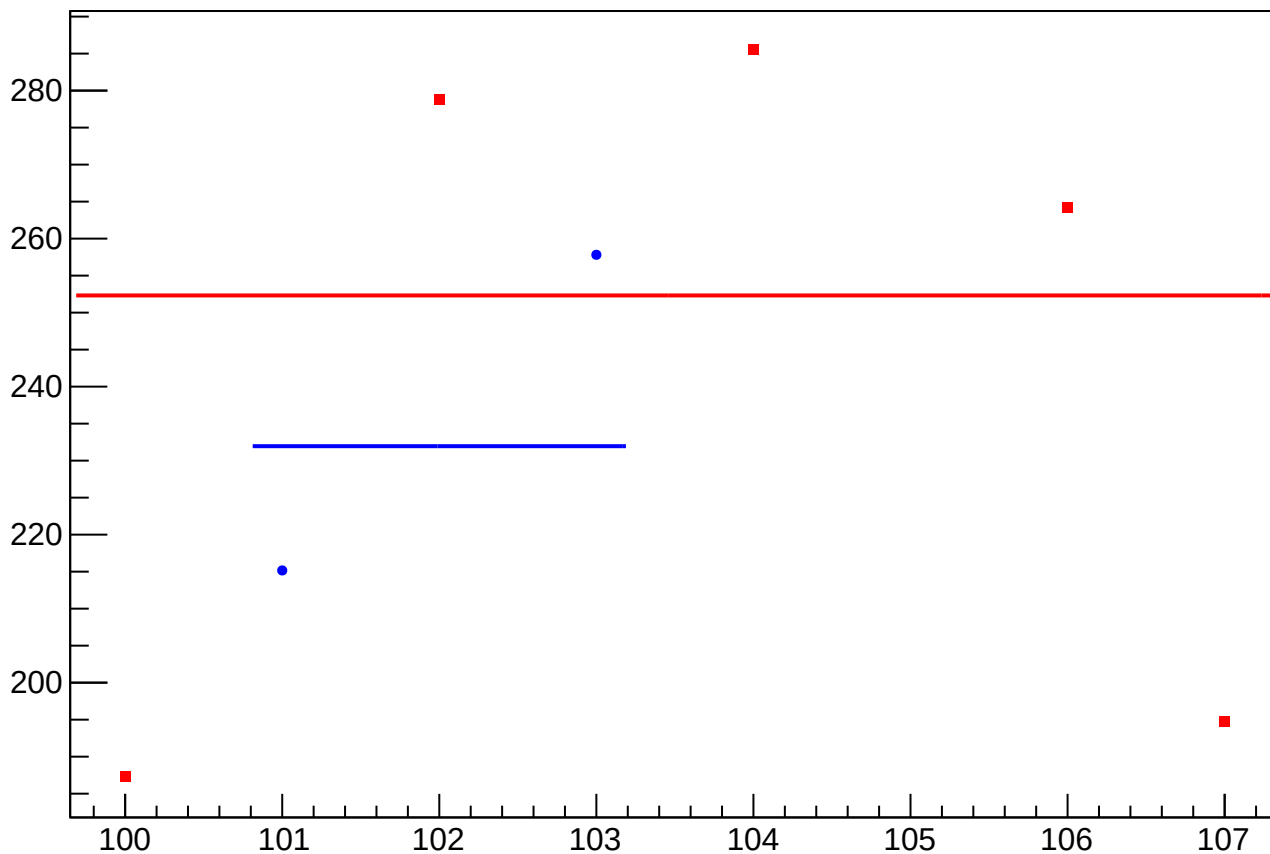
Right: -206.851 $\pm$ 142.868 χ^2 /NDF: 4.4/6

In: -195.119 $\pm$ 209.628 χ^2 /NDF: 0.1/1

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

All: -206.851 $\pm$ 142.868 χ^2 /NDF: 4.4/6

asym_bcm_2an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 231.953+/-0.148 χ^2/NDF : 19760.8/1

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

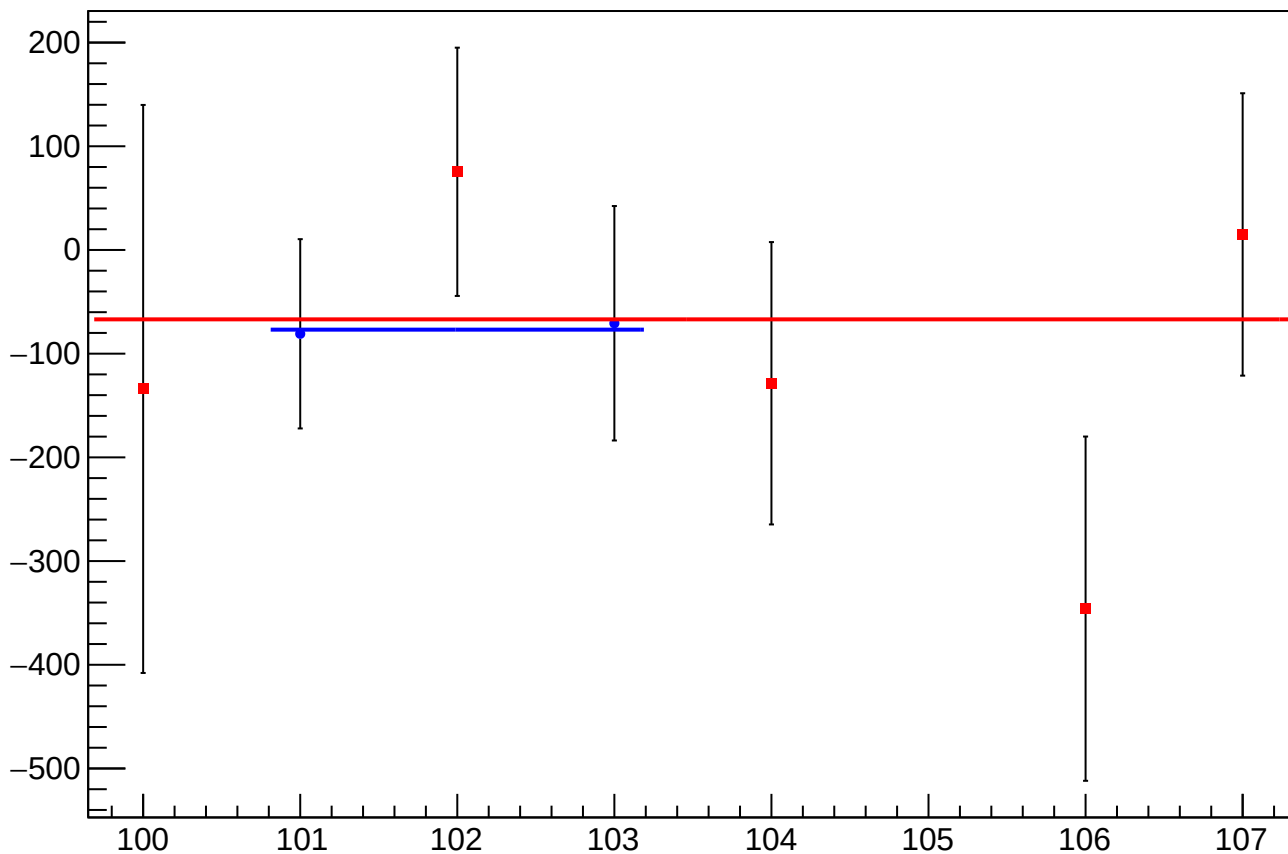
Right: 242.860+/-0.101 χ^2/NDF : 111128.8/6

In: 231.953+/-0.148 χ^2/NDF : 19760.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 242.860+/-0.101 χ^2/NDF : 111128.8/6

asym_bcm_2an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -76.835+/-71.014 χ^2 /NDF: 0.0/1

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

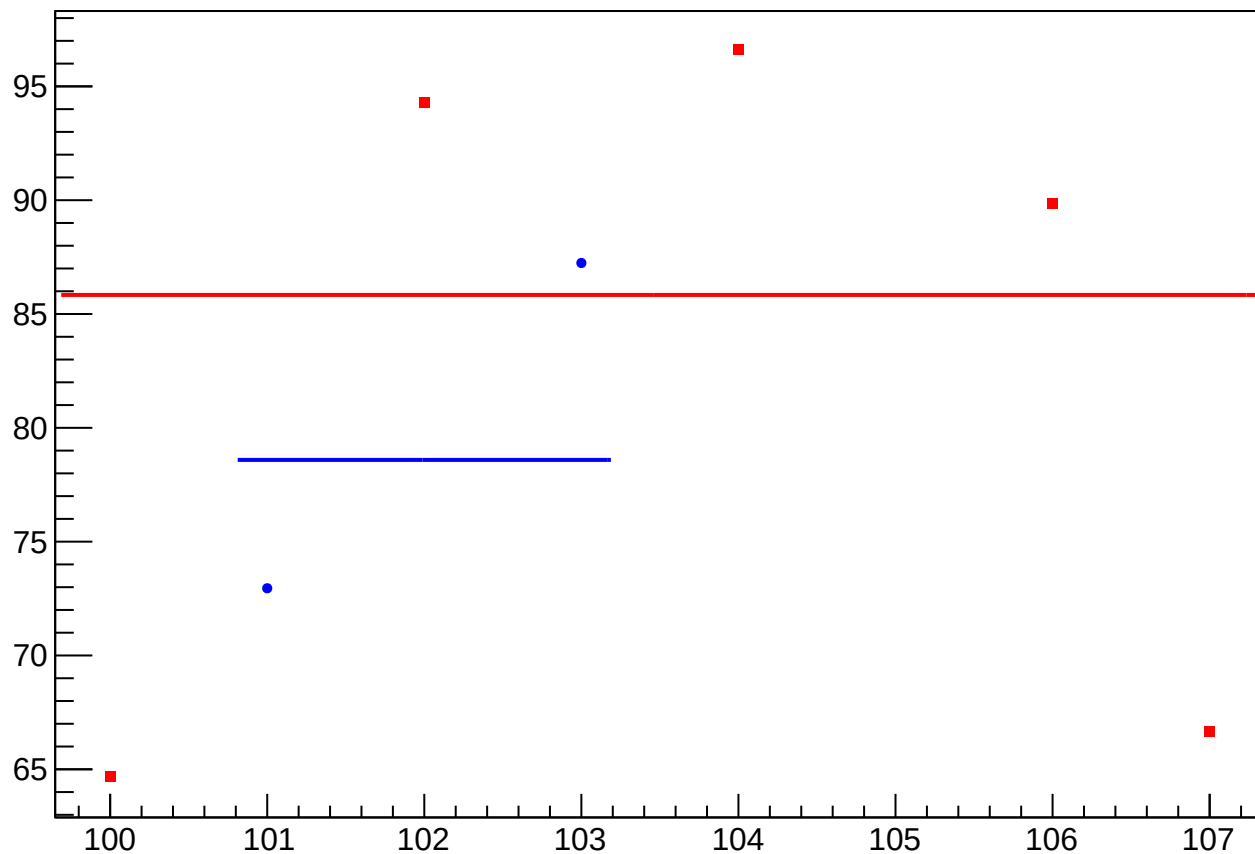
Right: -71.536+/-48.472 χ^2 /NDF: 4.9/6

In: -76.835+/-71.014 χ^2 /NDF:0.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -71.536+/-48.472 χ^2 /NDF: 4.9/6

asym_bcm_2an_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 78.592 $\pm$ 0.050 χ^2 /NDF: 19344.2/1

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

Right Out: 85.838 $\pm$ 0.047 χ^2 /NDF: 75334.8/4

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

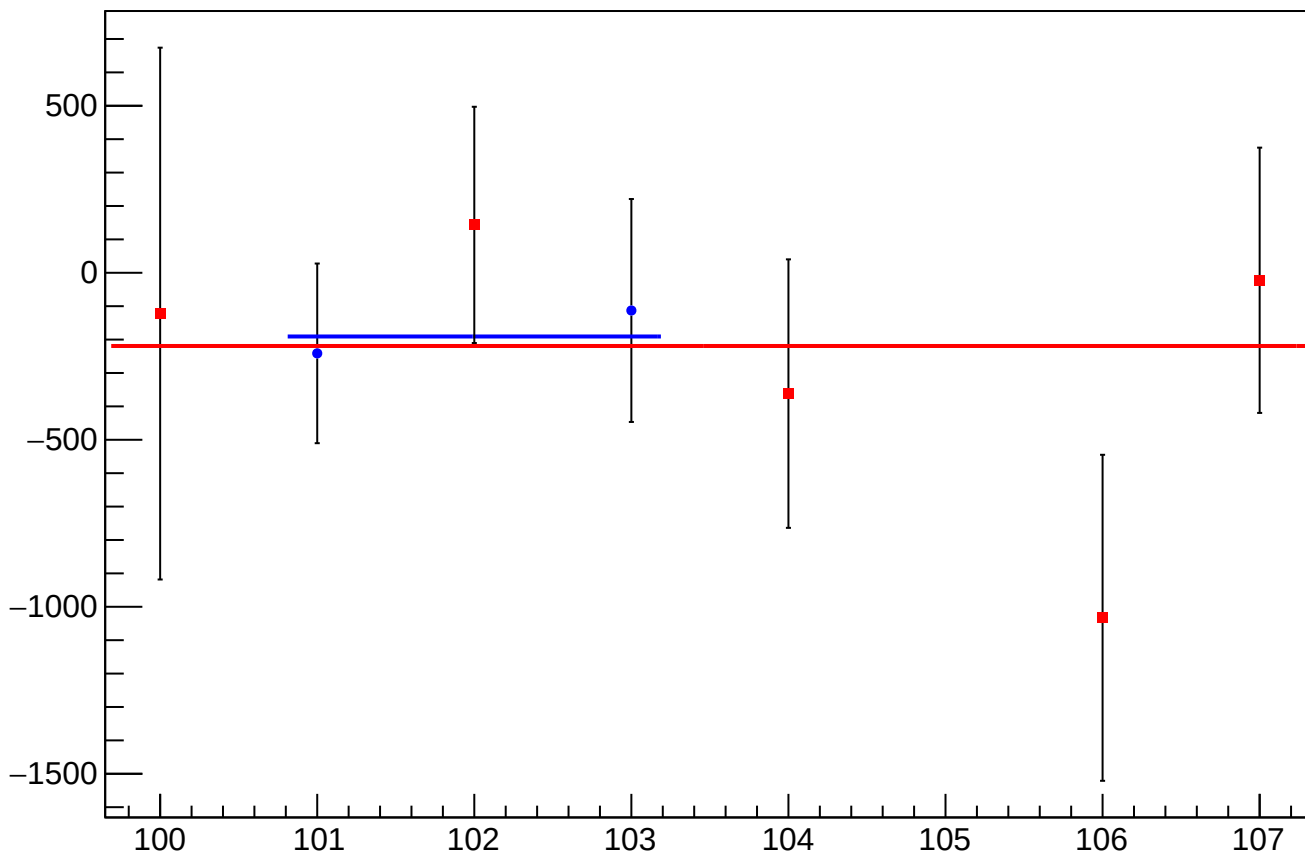
Right: 82.462 $\pm$ 0.034 χ^2 /NDF: 105801.2/6

In: 78.592 $\pm$ 0.050 χ^2 /NDF: 19344.2/1

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

All: 82.462 $\pm$ 0.034 χ^2 /NDF: 105801.2/6

asym_bcm_an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -190.717 $\pm$ 209.418 χ^2 /NDF: 0.1/1

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

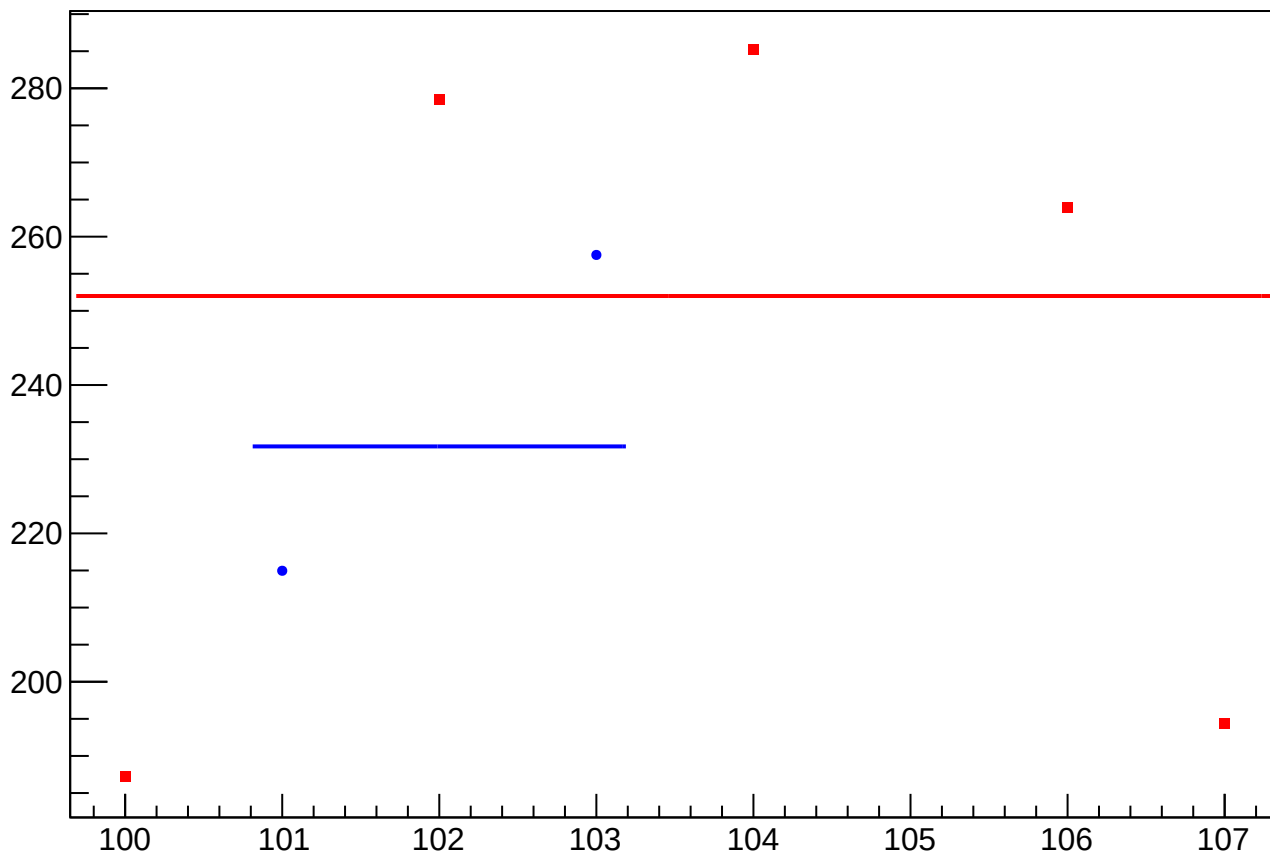
Right: -205.956 $\pm$ 142.707 χ^2 /NDF: 4.3/6

In: -190.717 $\pm$ 209.418 χ^2 /NDF: 0.1/1

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

All: -205.956 $\pm$ 142.707 χ^2 /NDF: 4.3/6

asym_bcm_an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 231.725 $\pm$ 0.148 χ^2 /NDF: 19732.2/1

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

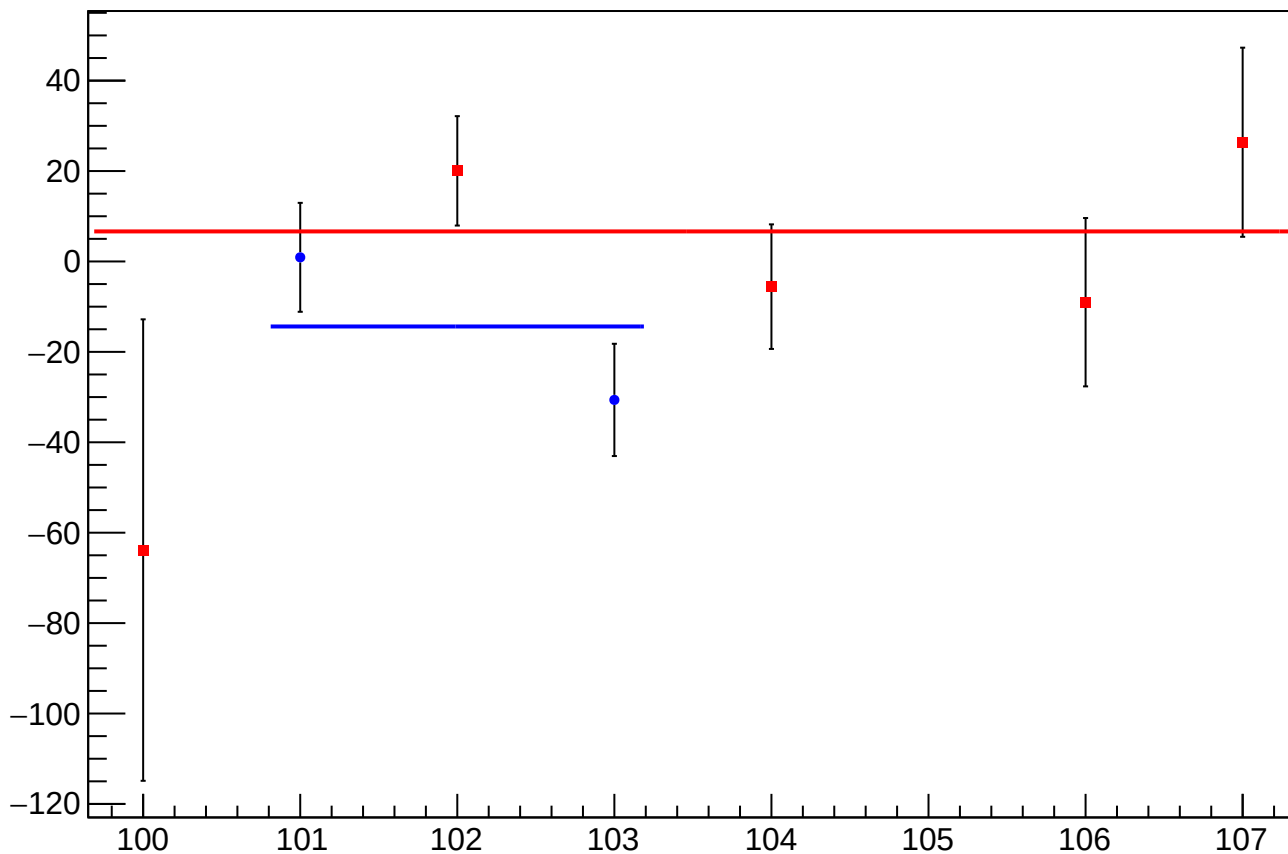
Right: 242.585 $\pm$ 0.101 χ^2 /NDF: 111214.2/6

In: 231.725 $\pm$ 0.148 χ^2 /NDF:19732.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 242.585 $\pm$ 0.101 χ^2 /NDF: 111214.2/6

asym_bcm_an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -14.383+/-8.647 χ^2/NDF : 3.3/1

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

Right Out: 6.645+/-7.527 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

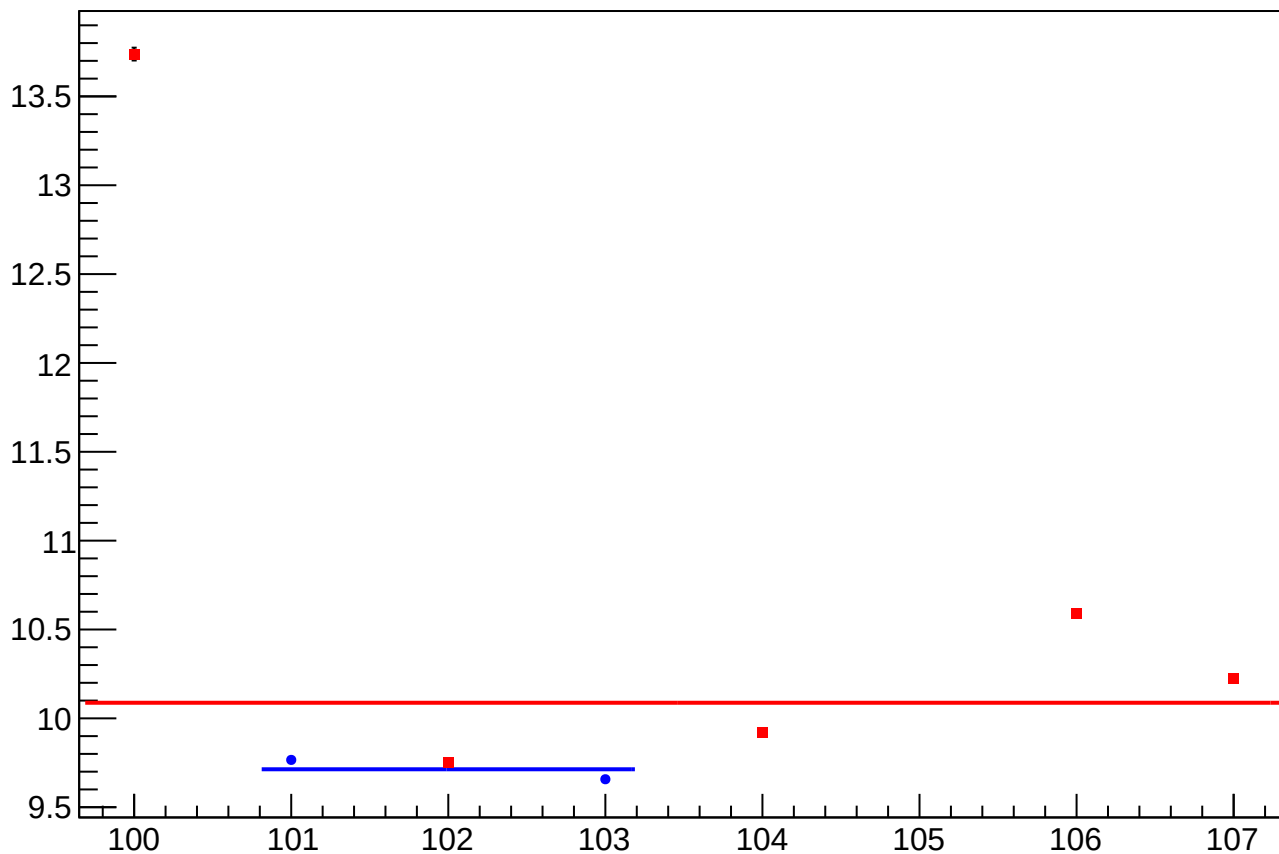
Right: -2.420+/-5.677 χ^2/NDF : 12.2/6

In: -14.383+/-8.647 χ^2/NDF : 3.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.420+/-5.677 χ^2/NDF : 12.2/6

asym_bcm_an_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 9.713 $\pm$ 0.006 χ^2 /NDF: 79.1/1

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

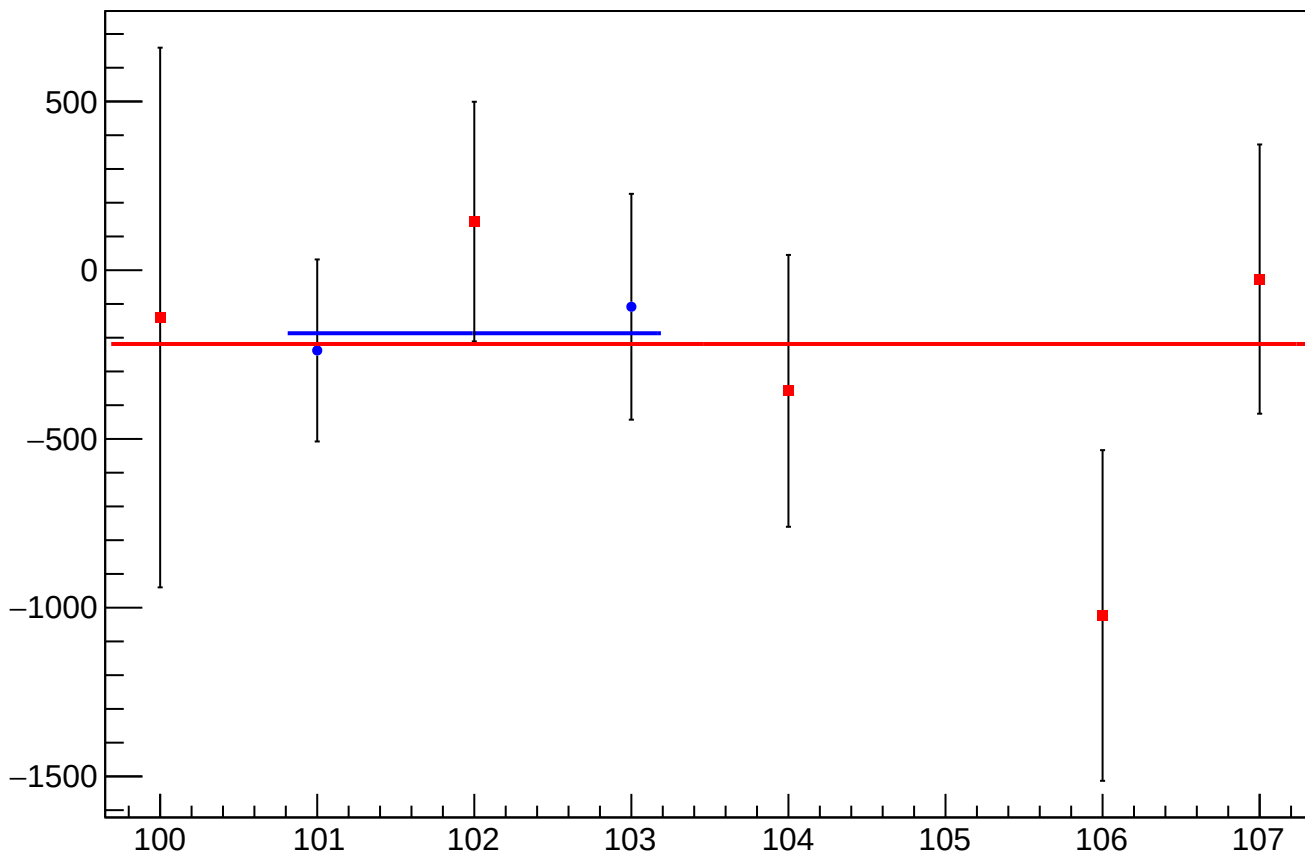
Right: 9.926 $\pm$ 0.004 χ^2 /NDF: 15819.4/6

In: 9.713 $\pm$ 0.006 χ^2 /NDF: 79.1/1

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

All: 9.926 $\pm$ 0.004 χ^2 /NDF: 15819.4/6

asym_bcm_an_us_an_ds3_avg_mean vs Slug, Sign Corrected



Right In: -186.789 $\pm$ 209.988 χ^2 /NDF: 0.1/1

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

Right Out: -218.597 $\pm$ 195.698 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

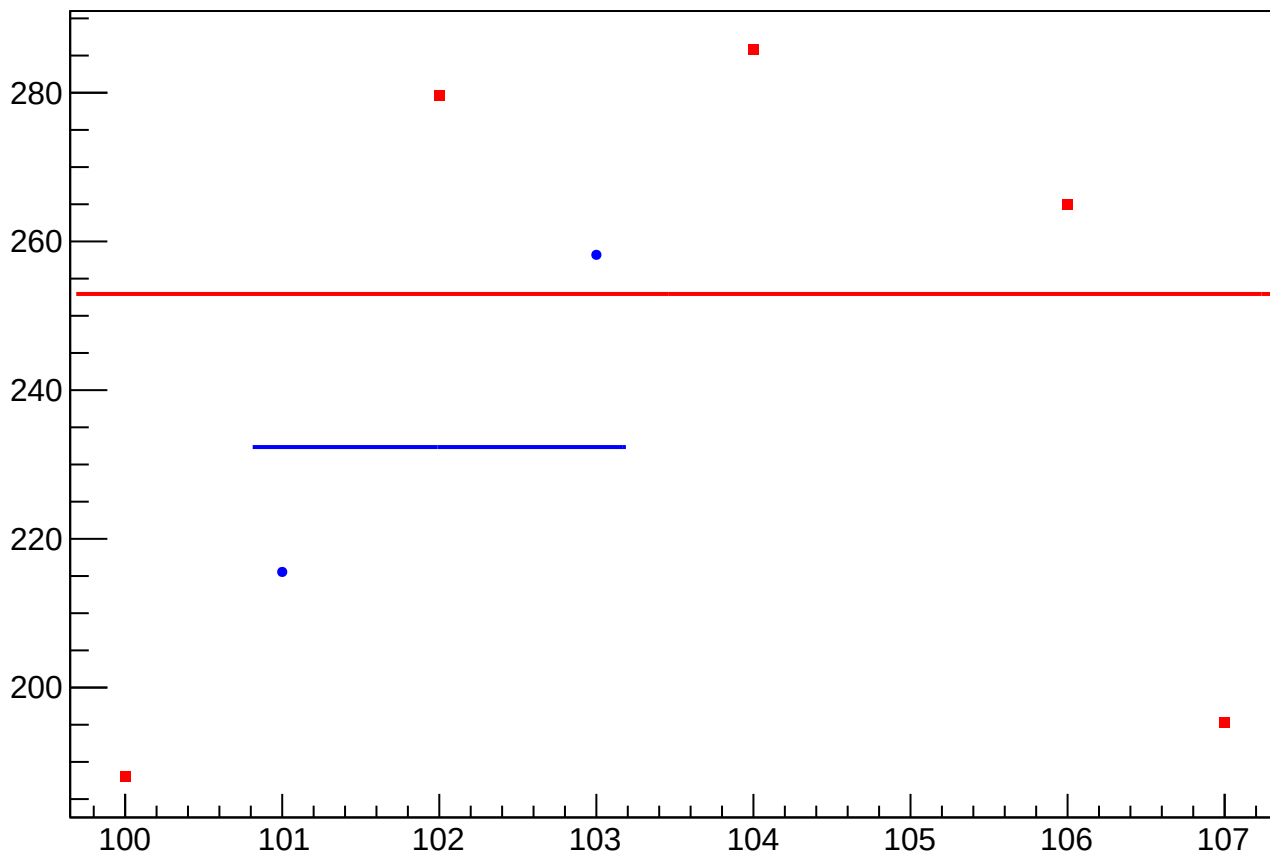
Right: -203.812 $\pm$ 143.165 χ^2 /NDF: 4.2/6

In: -186.789 $\pm$ 209.988 χ^2 /NDF: 0.1/1

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

All: -203.812 $\pm$ 143.165 χ^2 /NDF: 4.2/6

asym_bcm_an_us_an_ds3_avg_rms vs Slug, Sign Corrected



Right In: 232.347 ± 0.148 $\chi^2/\text{NDF}: 19693.7/1$

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

Right Out: 252.936 ± 0.138 $\chi^2/\text{NDF}: 80825.9/4$

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

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

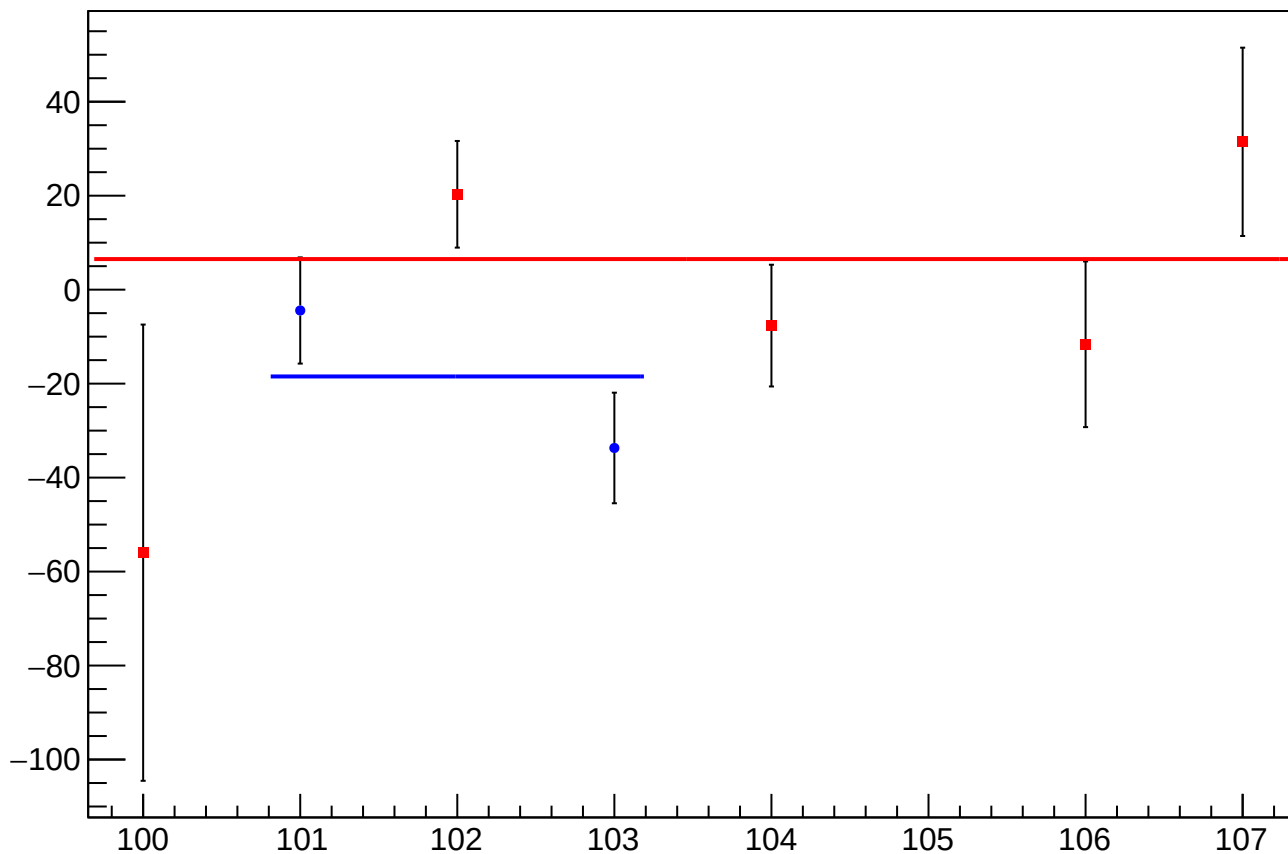
Right: 243.366 ± 0.101 $\chi^2/\text{NDF}: 110809.6/6$

In: 232.347 ± 0.148 $\chi^2/\text{NDF}: 19693.7/1$

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

All: 243.366 ± 0.101 $\chi^2/\text{NDF}: 110809.6/6$

asym_bcm_an_us_an_ds3_dd_mean vs Slug, Sign Corrected



Right In: -18.472 $\pm$ 8.152 χ^2 /NDF: 3.2/1

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

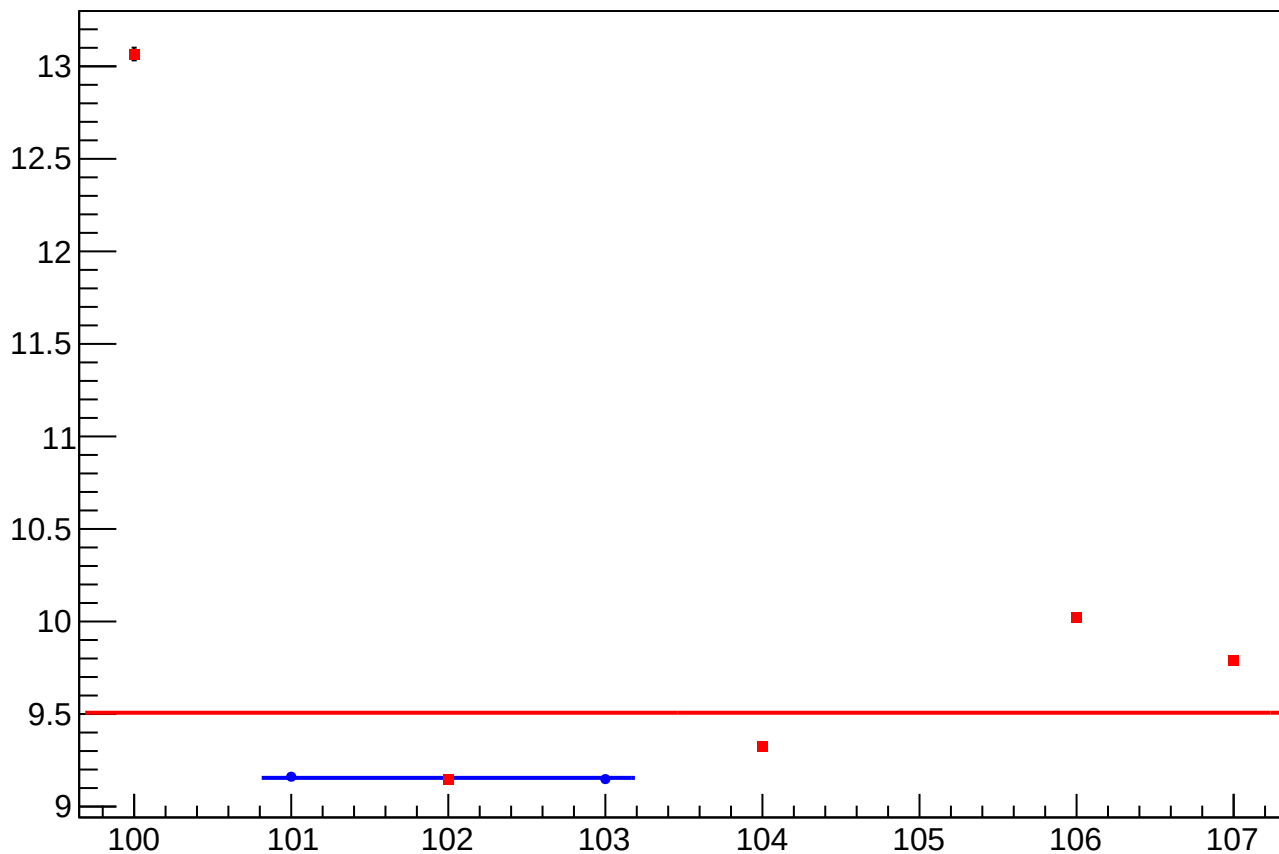
Right: -4.262 $\pm$ 5.353 χ^2 /NDF: 15.5/6

In: -18.472 $\pm$ 8.152 χ^2 /NDF: 3.2/1

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

All: -4.262 $\pm$ 5.353 χ^2 /NDF: 15.5/6

asym_bcm_an_us_an_ds3_dd_rms vs Slug, Sign Corrected



Right In: 9.155+/-0.006 χ^2/NDF : 1.2/1

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

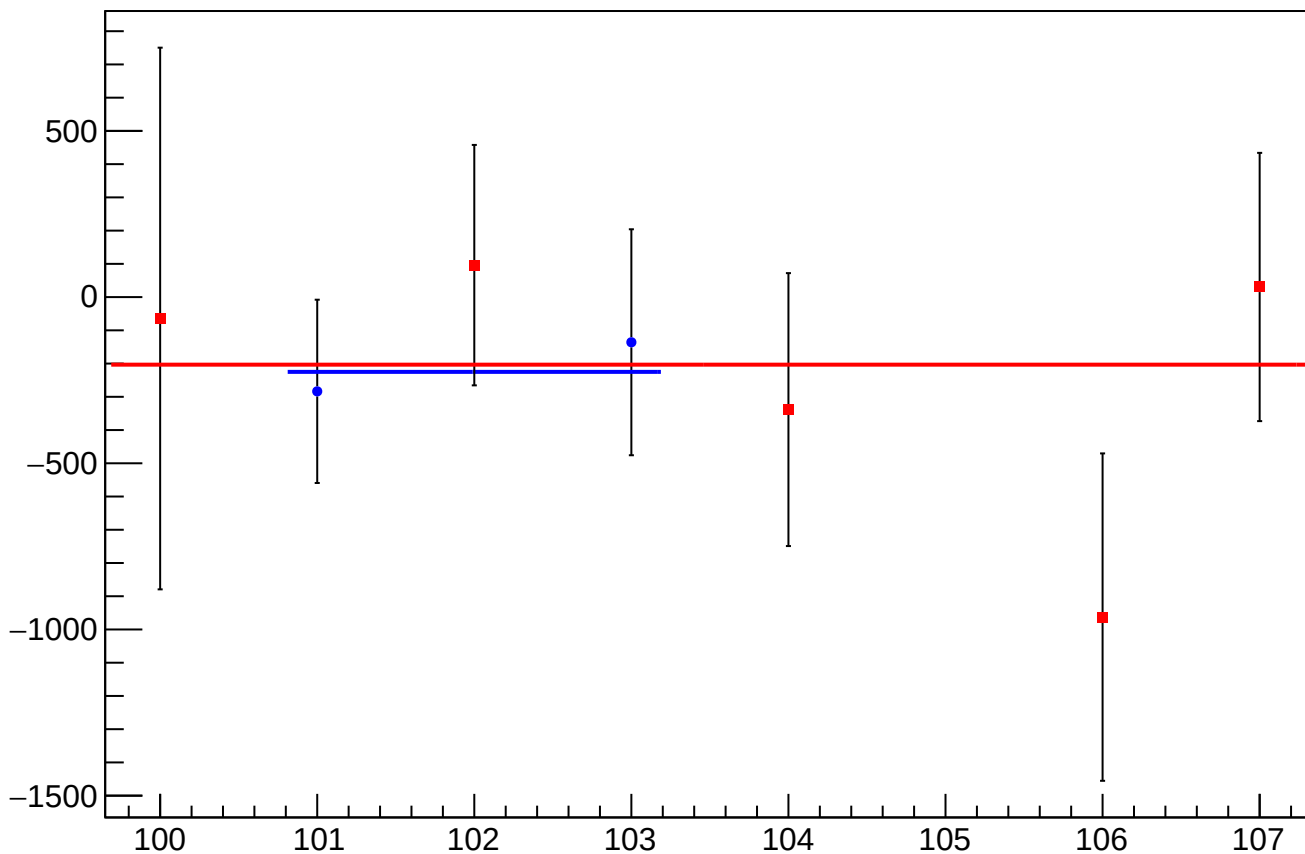
Right: 9.355+/-0.004 χ^2/NDF : 17357.9/6

In: 9.155+/-0.006 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.355+/-0.004 χ^2/NDF : 17357.9/6

asym_bcm_dg_us_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: -224.962 $\pm$ 214.136 χ^2 /NDF: 0.1/1

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

Right Out: -203.285 $\pm$ 198.630 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

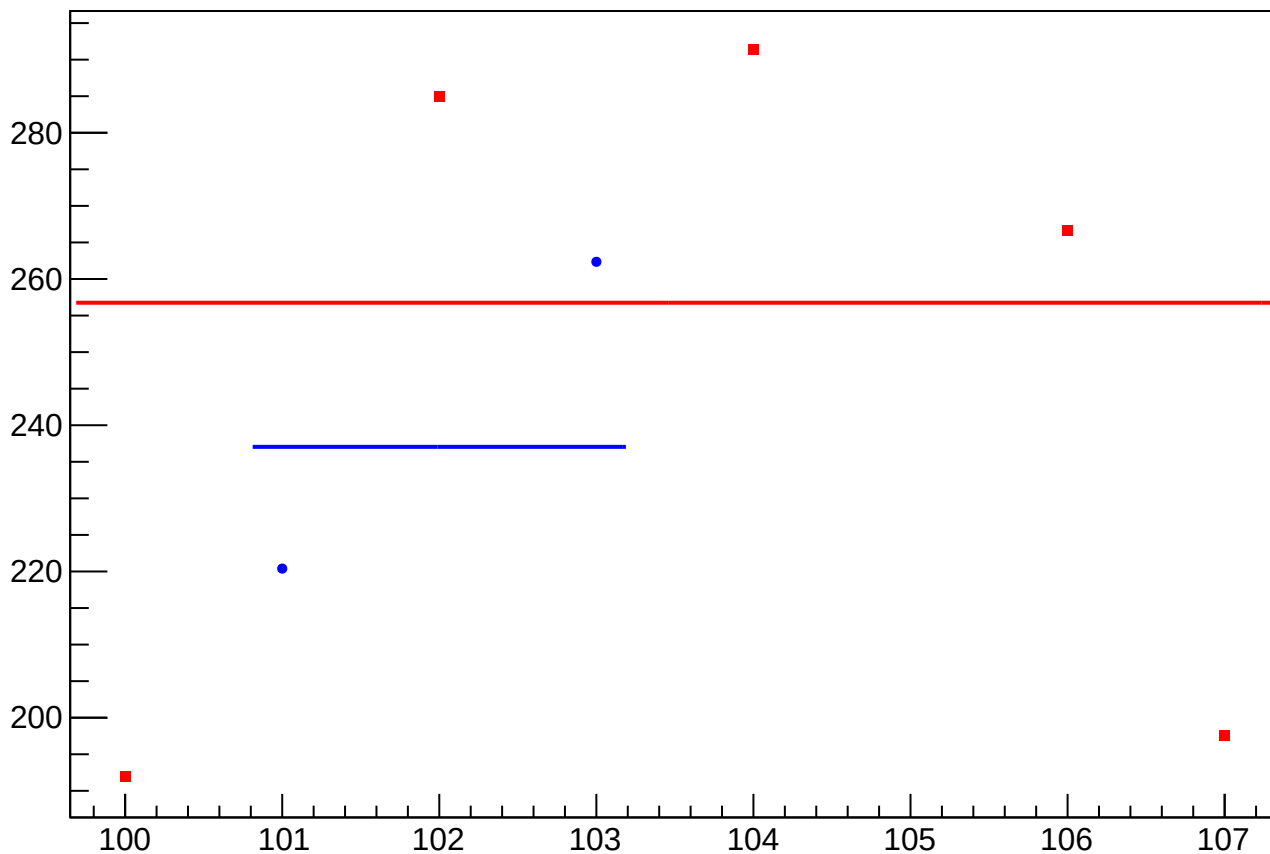
Right: -213.310 $\pm$ 145.626 χ^2 /NDF: 3.7/6

In: -224.962 $\pm$ 214.136 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -213.310 $\pm$ 145.626 χ^2 /NDF: 3.7/6

asym_bcm_dg_us_dg_ds_avg_rms vs Slug, Sign Corrected



Right In: 237.044 $\pm$ 0.151 χ^2 /NDF: 18378.8/1

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

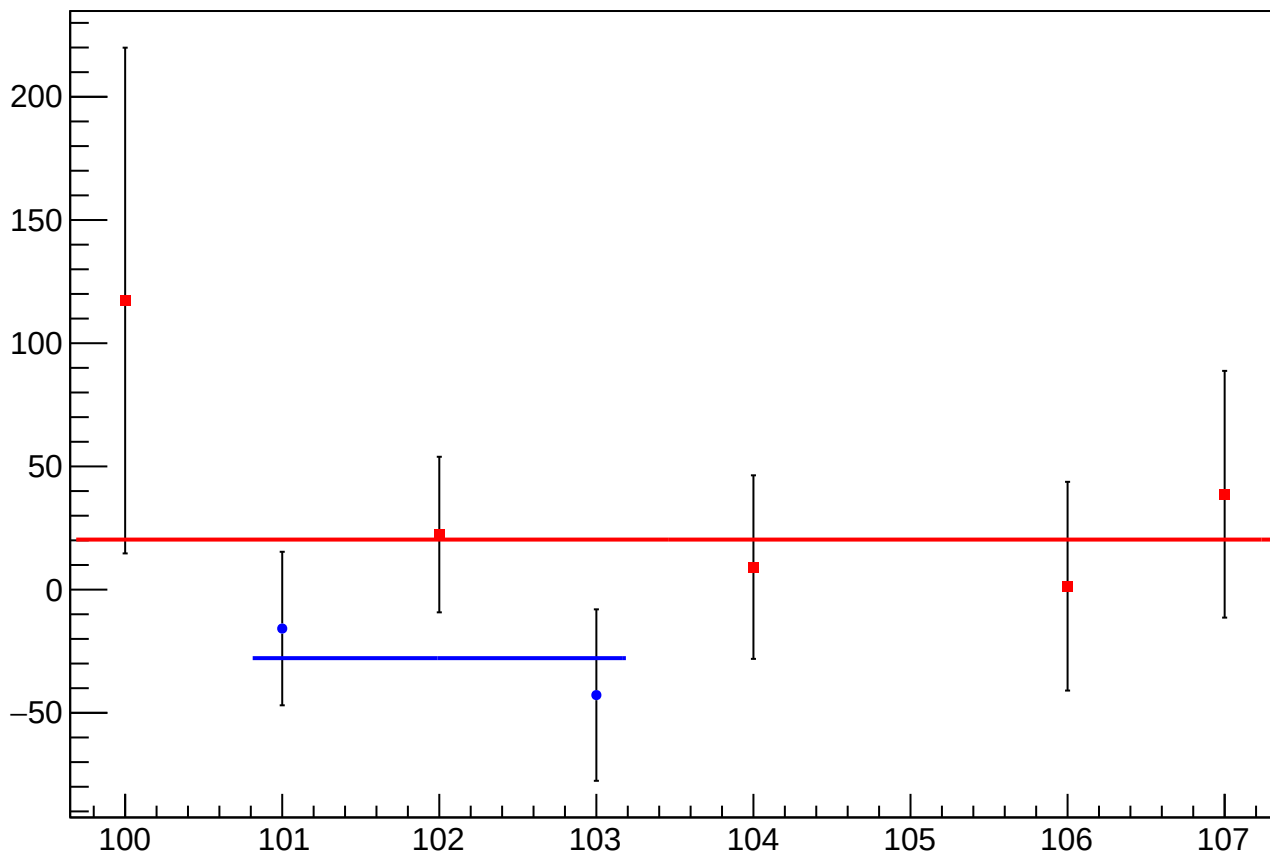
Right: 247.640 $\pm$ 0.103 χ^2 /NDF: 110305.7/6

In: 237.044 $\pm$ 0.151 χ^2 /NDF:18378.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 247.640 $\pm$ 0.103 χ^2 /NDF: 110305.7/6

asym_bcm_dg_us_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: -27.807 ± 23.207 χ^2/NDF : 0.3/1

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

Right Out: 20.312 ± 18.981 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

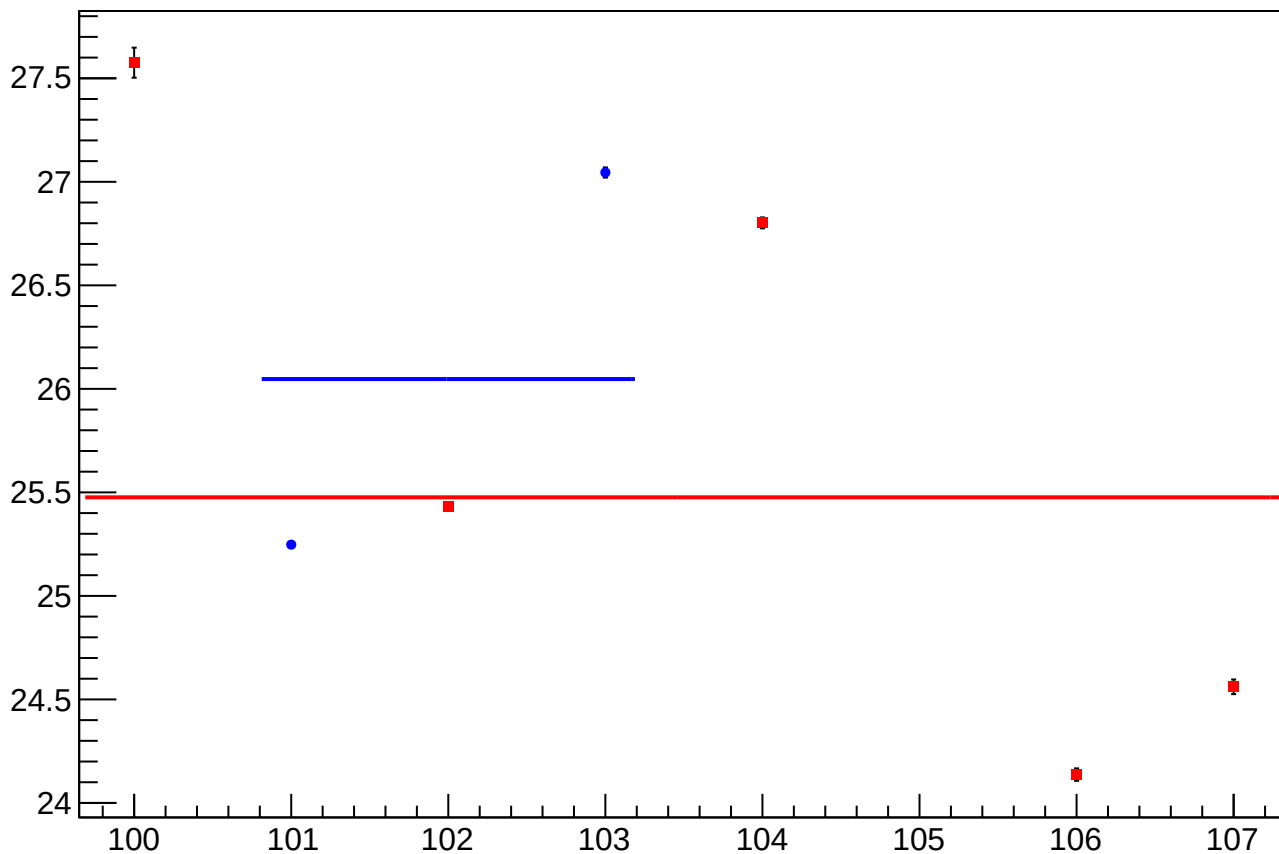
Right: 1.025 ± 14.693 χ^2/NDF : 4.2/6

In: -27.807 ± 23.207 χ^2/NDF : 0.3/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.025 ± 14.693 χ^2/NDF : 4.2/6

asym_bcm_dg_us_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 26.047+/-0.016 χ^2/NDF : 2962.6/1

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

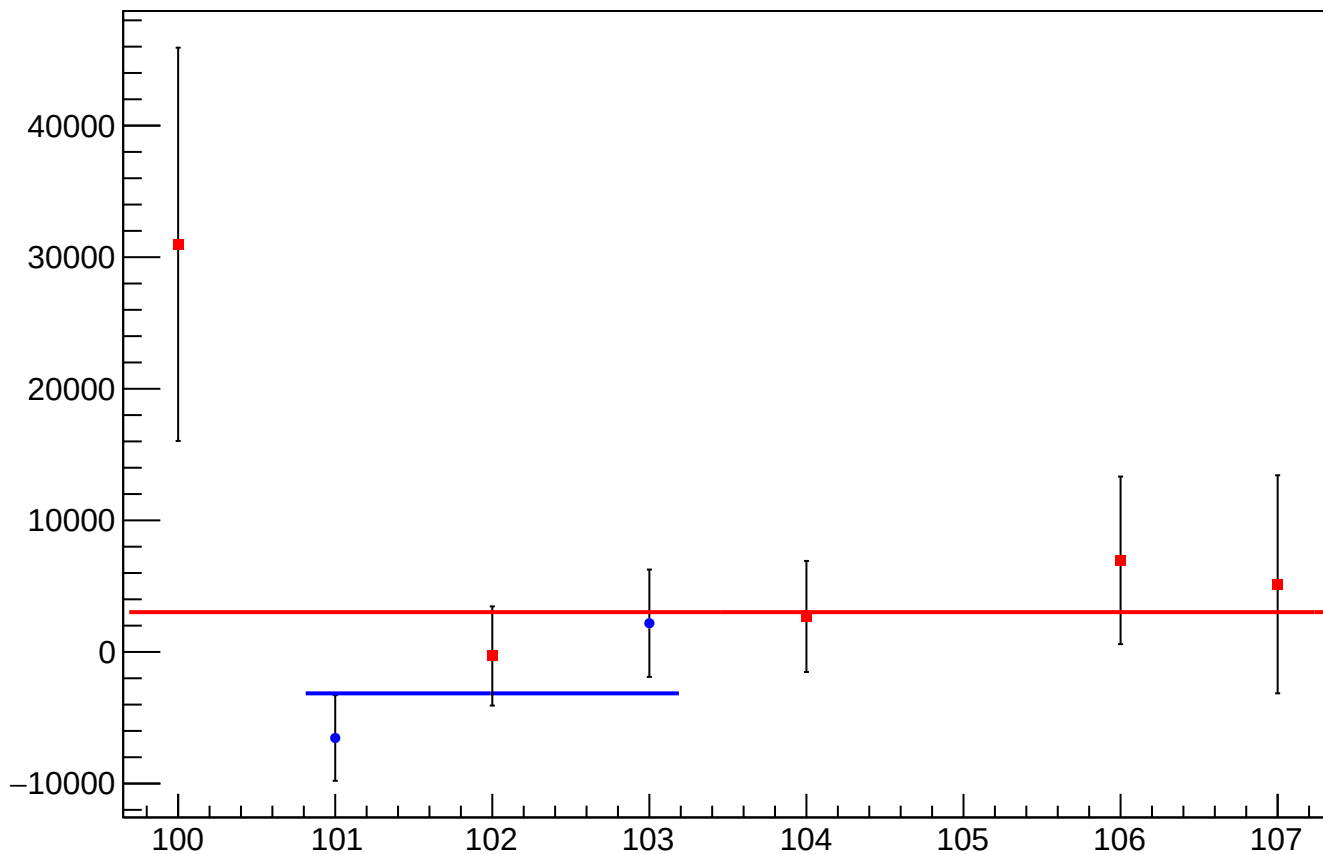
Right: 25.705+/-0.010 χ^2/NDF : 9730.9/6

In: 26.047+/-0.016 χ^2/NDF : 2962.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.705+/-0.010 χ^2/NDF : 9730.9/6

asym_bcm_cav4cQ_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -3146.937 $\pm$ 2543.658 χ^2 /NDF: 2.8/1

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

Right Out: 3026.586 $\pm$ 2423.076 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

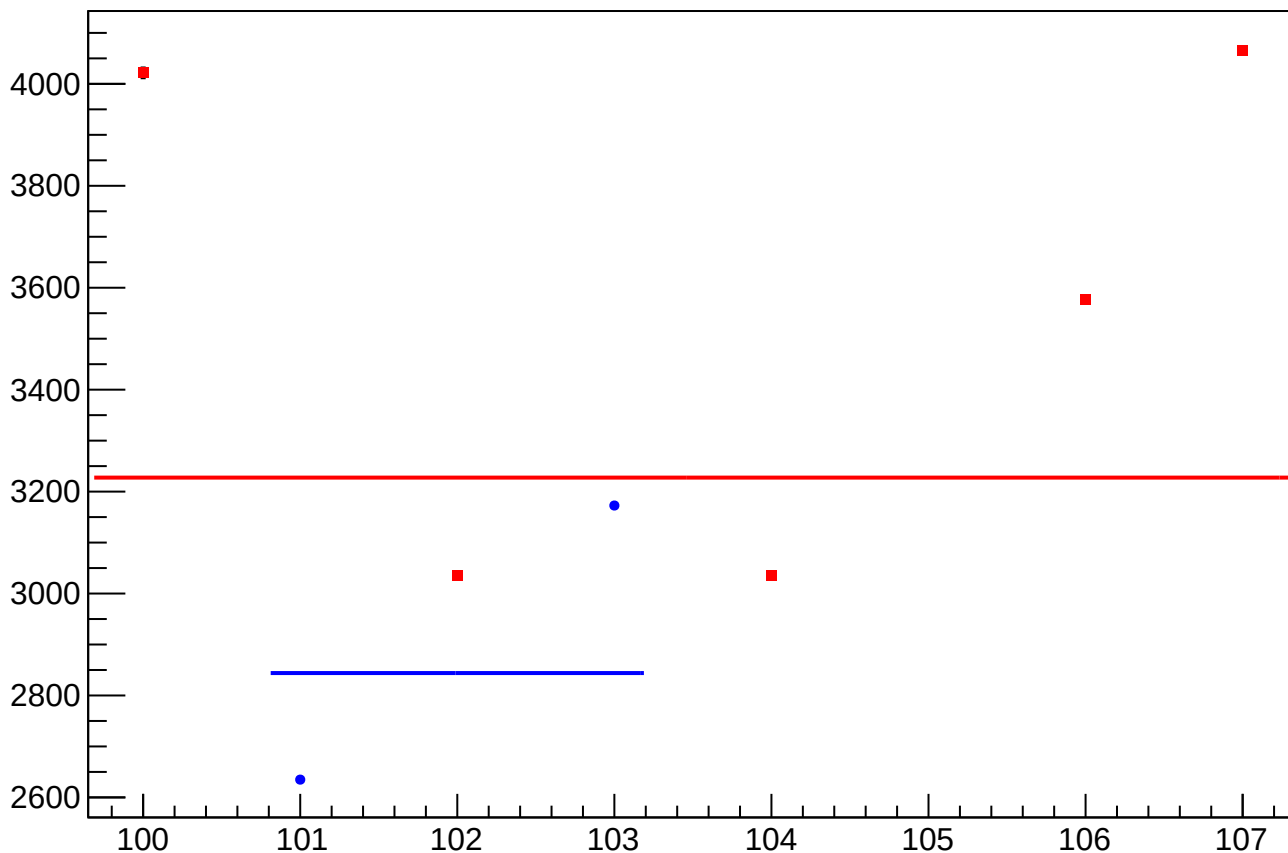
Right: 89.616 $\pm$ 1754.453 χ^2 /NDF: 10.6/6

In: -3146.937 $\pm$ 2543.658 χ^2 /NDF: 2.8/1

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

All: 89.616 $\pm$ 1754.453 χ^2 /NDF: 10.6/6

asym_bcm_cav4cQ_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 2843.988+/-1.799 χ^2/NDF : 21244.3/1

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

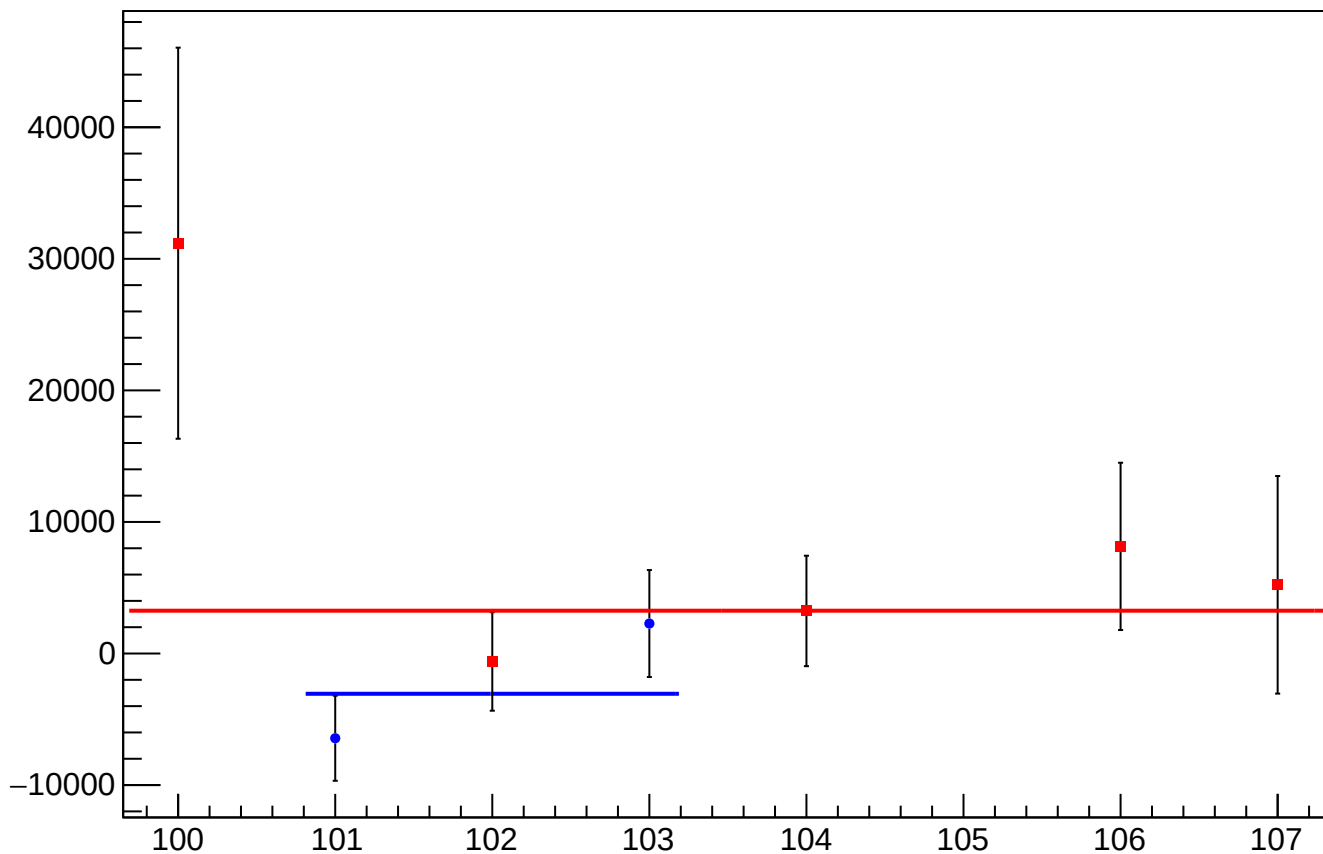
Right: 3045.037+/-1.241 χ^2/NDF : 86527.8/6

In: 2843.988+/-1.799 χ^2/NDF : 21244.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3045.037+/-1.241 χ^2/NDF : 86527.8/6

asym_bcm_cav4cQ_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -3060.341+/-2531.690 χ^2/NDF : 2.8/1

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

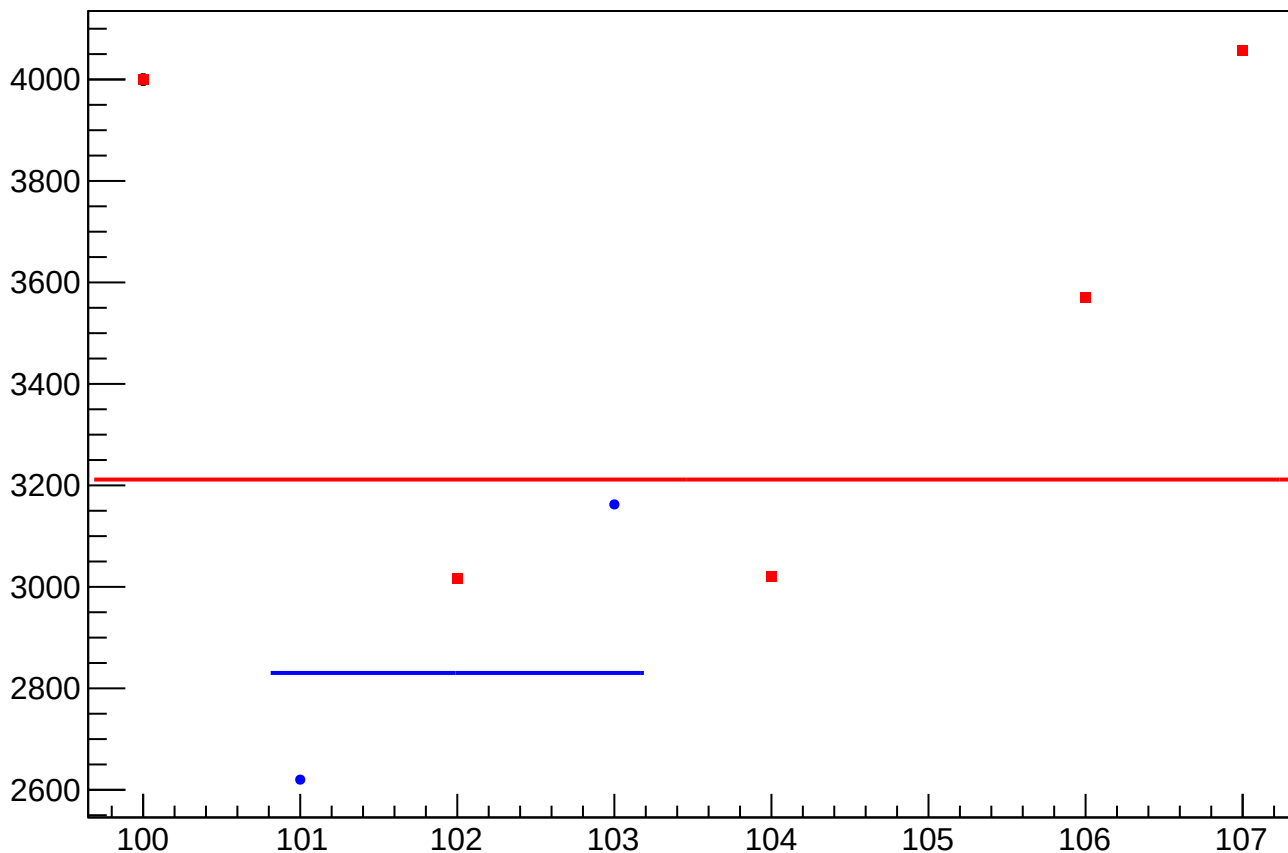
Right: 250.423+/-1746.091 χ^2/NDF : 11.3/6

In: -3060.341+/-2531.690 χ^2/NDF : 2.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 250.423+/-1746.091 χ^2/NDF : 11.3/6

asym_bcm_cav4cQ_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 2830.360+/-1.790 χ^2/NDF : 21792.6/1

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

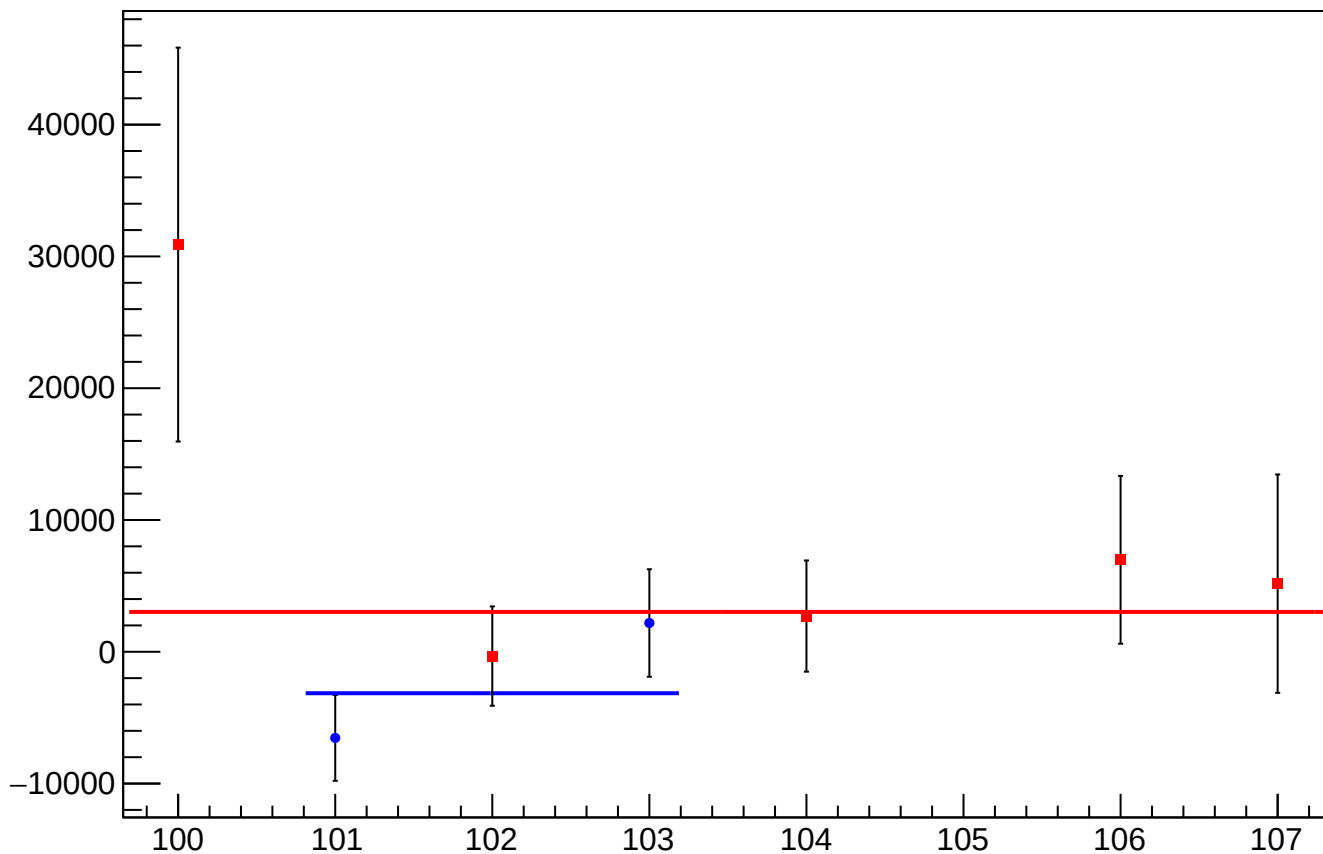
Right: 3030.217+/-1.235 χ^2/NDF : 88105.9/6

In: 2830.360+/-1.790 χ^2/NDF : 21792.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3030.217+/-1.235 χ^2/NDF : 88105.9/6

asym_bcm_cav4cQ_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: -3145.837+/-2543.855 χ^2/NDF : 2.8/1

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

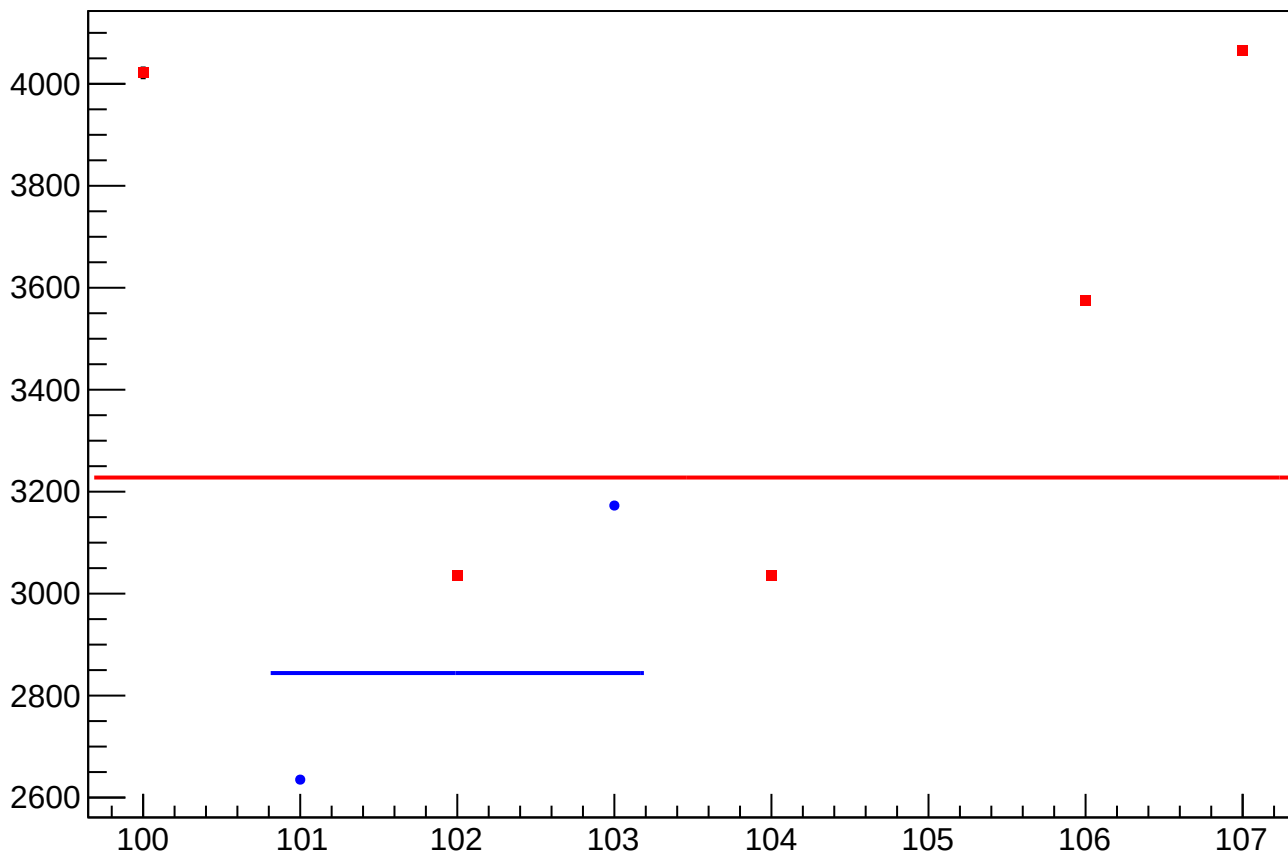
Right: 88.811+/-1754.588 χ^2/NDF : 10.6/6

In: -3145.837+/-2543.855 χ^2/NDF : 2.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.811+/-1754.588 χ^2/NDF : 10.6/6

asym_bcm_cav4cQ_dg_ds_avg_rms vs Slug, Sign Corrected



Right In: 2844.215+/-1.799 χ^2/NDF : 21229.1/1

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

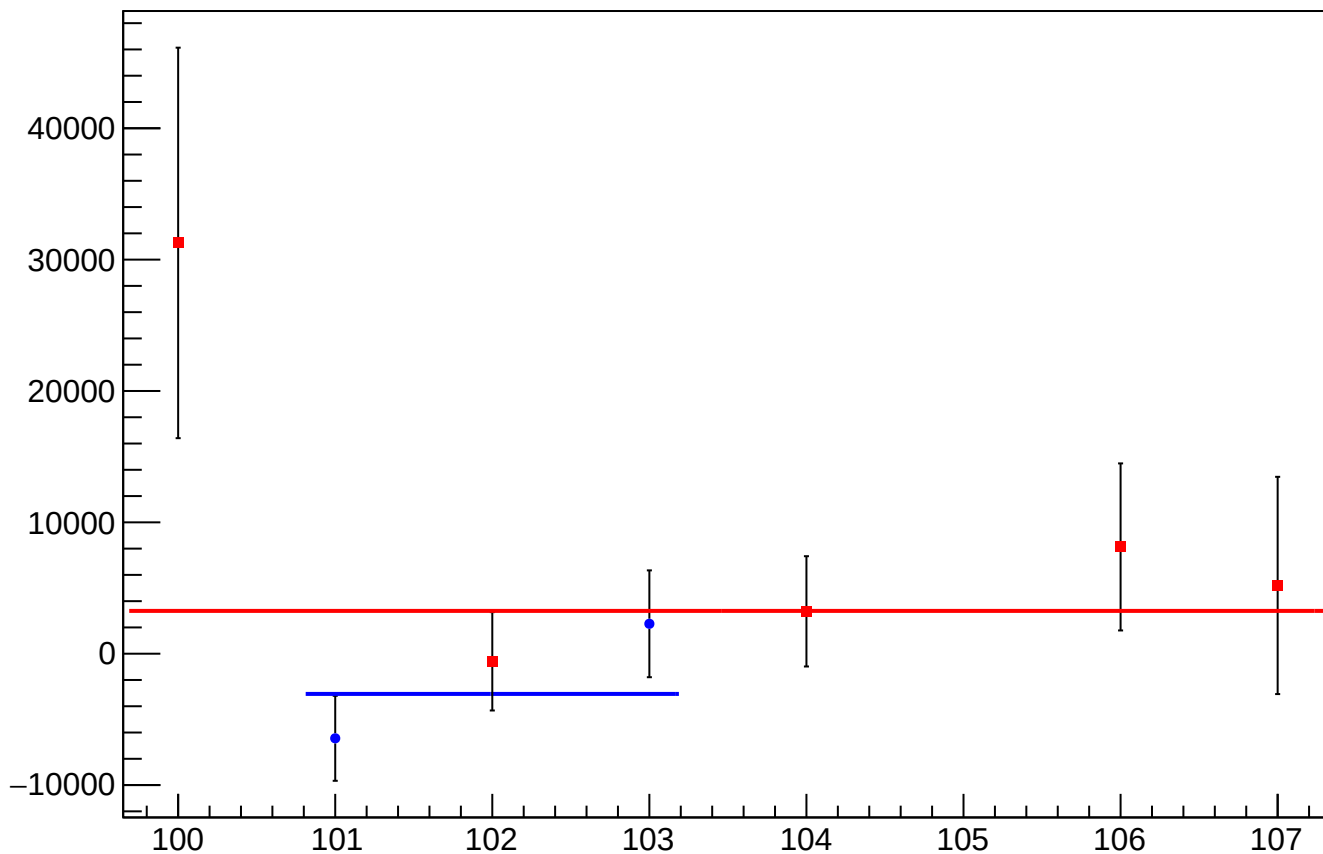
Right: 3045.284+/-1.241 χ^2/NDF : 86474.0/6

In: 2844.215+/-1.799 χ^2/NDF : 21229.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3045.284+/-1.241 χ^2/NDF : 86474.0/6

asym_bcm_cav4cQ_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: -3060.987+/-2531.797 χ^2 /NDF: 2.8/1

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

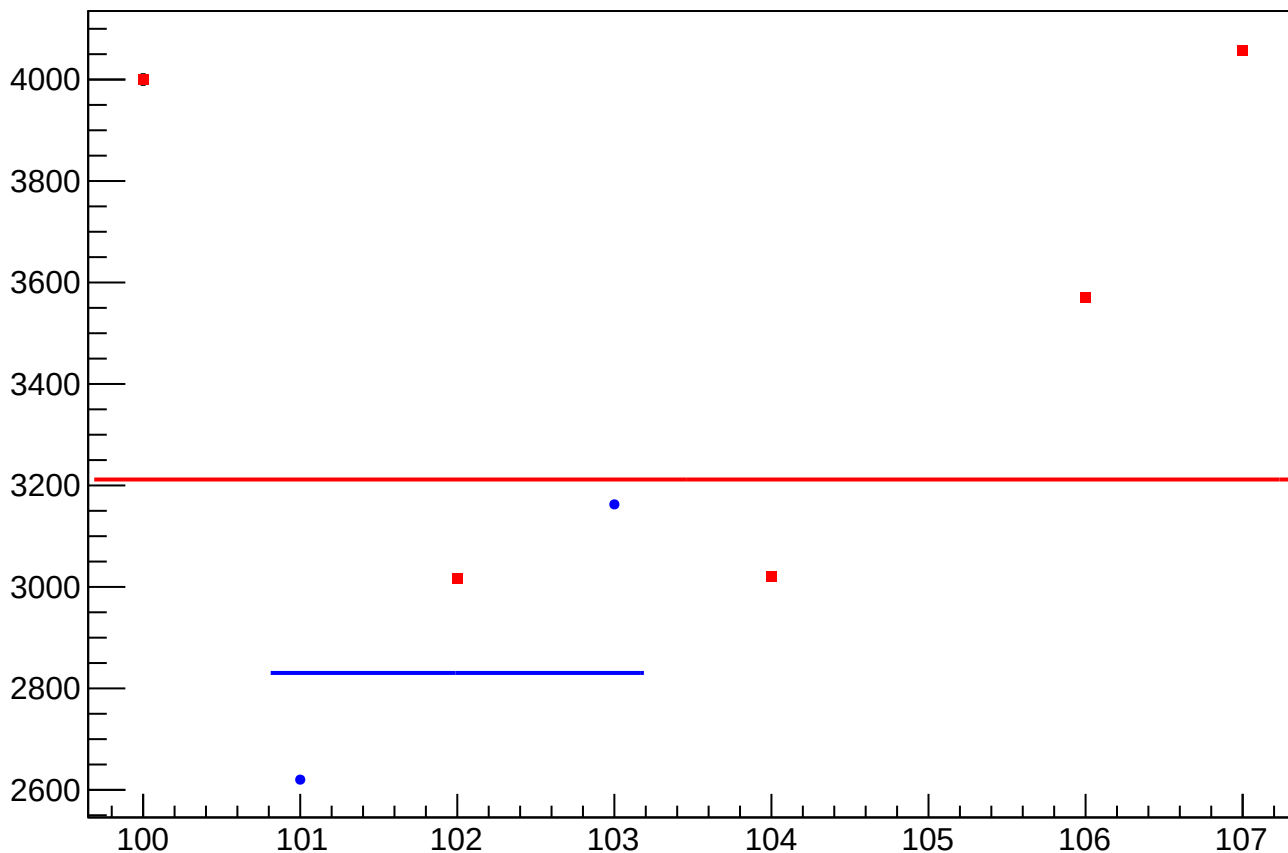
Right: 252.503+/-1746.180 χ^2 /NDF: 11.3/6

In: -3060.987+/-2531.797 χ^2 /NDF: 2.8/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 252.503+/-1746.180 χ^2 /NDF: 11.3/6

asym_bcm_cav4cQ_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 2830.478+/-1.790 χ^2/NDF : 21797.3/1

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

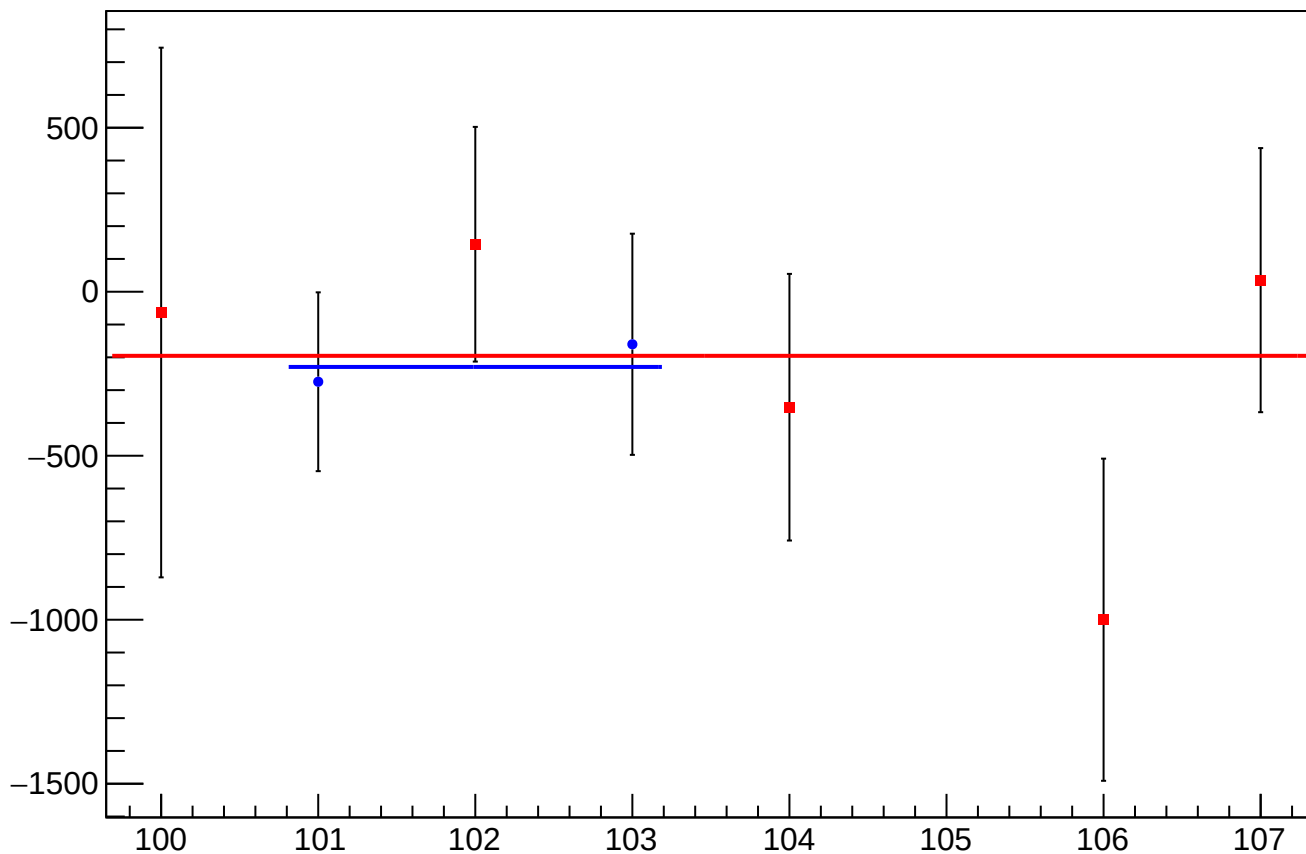
Right: 3030.369+/-1.235 χ^2/NDF : 88115.2/6

In: 2830.478+/-1.790 χ^2/NDF : 21797.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3030.369+/-1.235 χ^2/NDF : 88115.2/6

asym_bcm_dg_us_an_us_avg_mean vs Slug, Sign Corrected



Right In: -229.288 $\pm$ 211.969 χ^2 /NDF: 0.1/1

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

Right Out: -195.414 $\pm$ 197.200 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

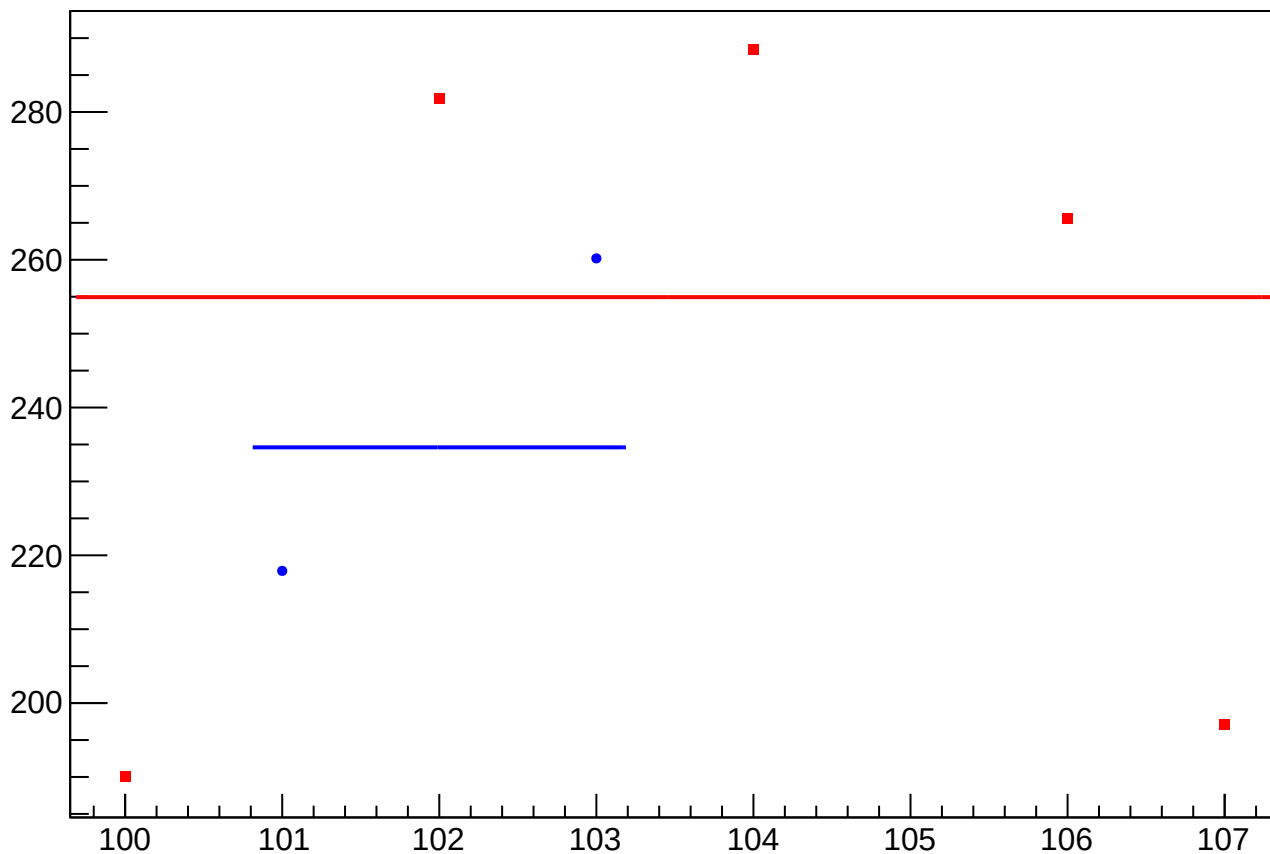
Right: -211.130 $\pm$ 144.381 χ^2 /NDF: 4.2/6

In: -229.288 $\pm$ 211.969 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -211.130 $\pm$ 144.381 χ^2 /NDF: 4.2/6

asym_bcm_dg_us_an_us_avg_rms vs Slug, Sign Corrected



Right In: 234.612 $\pm$ 0.150 χ^2 /NDF: 19033.9/1

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

Right Out: 254.945 $\pm$ 0.139 χ^2 /NDF: 80049.0/4

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

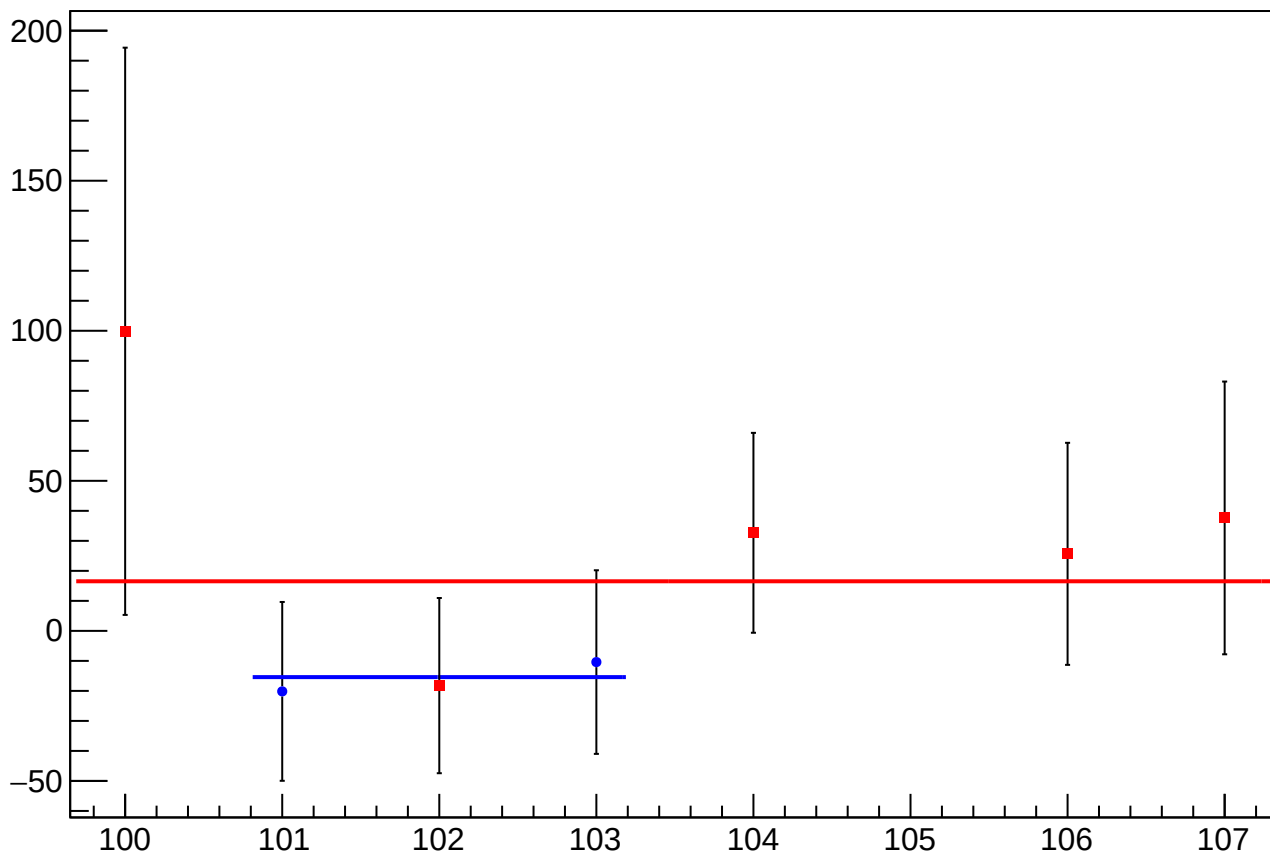
Right: 245.512 $\pm$ 0.102 χ^2 /NDF: 108947.4/6

In: 234.612 $\pm$ 0.150 χ^2 /NDF:19033.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 245.512 $\pm$ 0.102 χ^2 /NDF: 108947.4/6

asym_bcm_dg_us_an_us_dd_mean vs Slug, Sign Corrected



Right In: -15.406 $\pm$ 21.345 χ^2 /NDF: 0.1/1

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

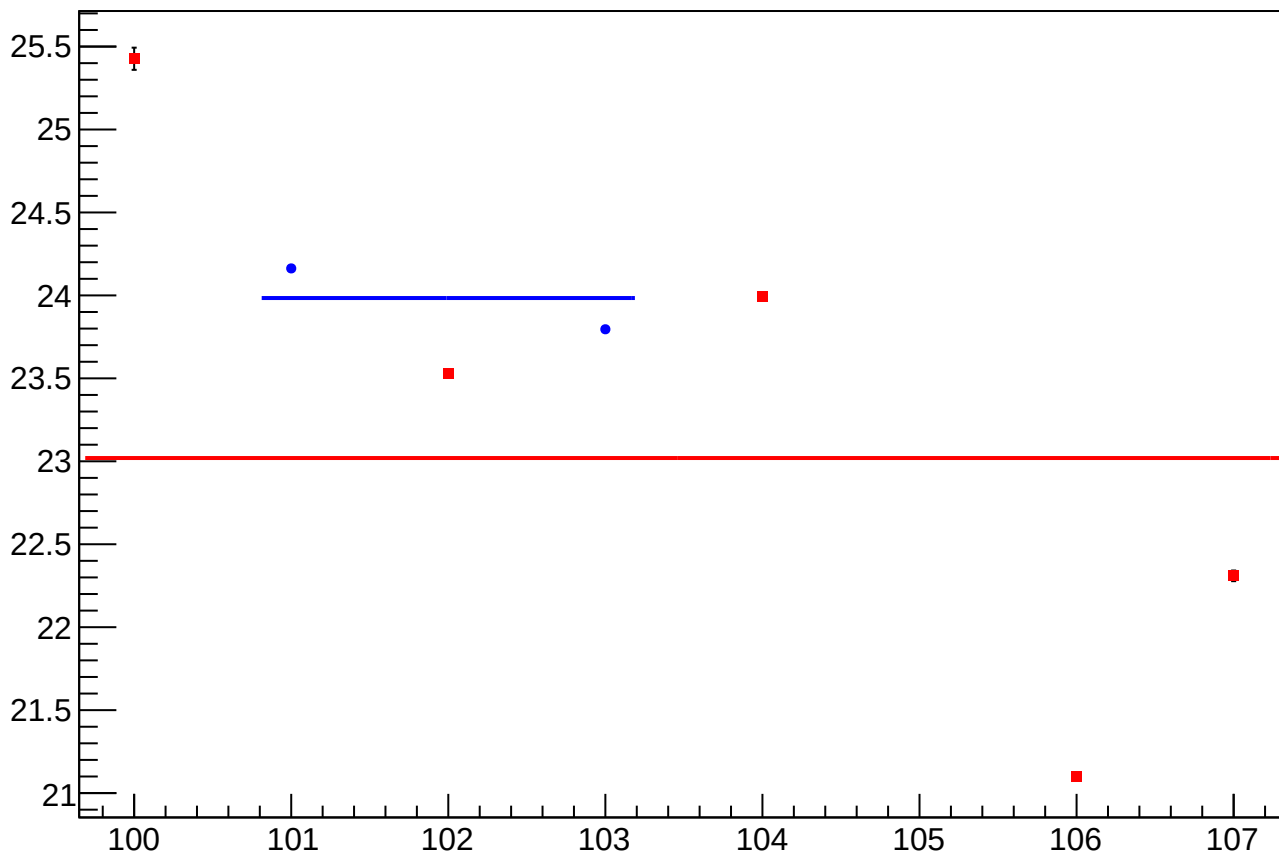
Right: 4.003 $\pm$ -13.367 χ^2 /NDF: 4.1/6

In: -15.406 $\pm$ -21.345 χ^2 /NDF:0.1/1

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

All: 4.003 $\pm$ -13.367 χ^2 /NDF: 4.1/6

asym_bcm_dg_us_an_us_dd_rms vs Slug, Sign Corrected



Right In: 23.984+/-0.015 χ^2/NDF : 147.6/1

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

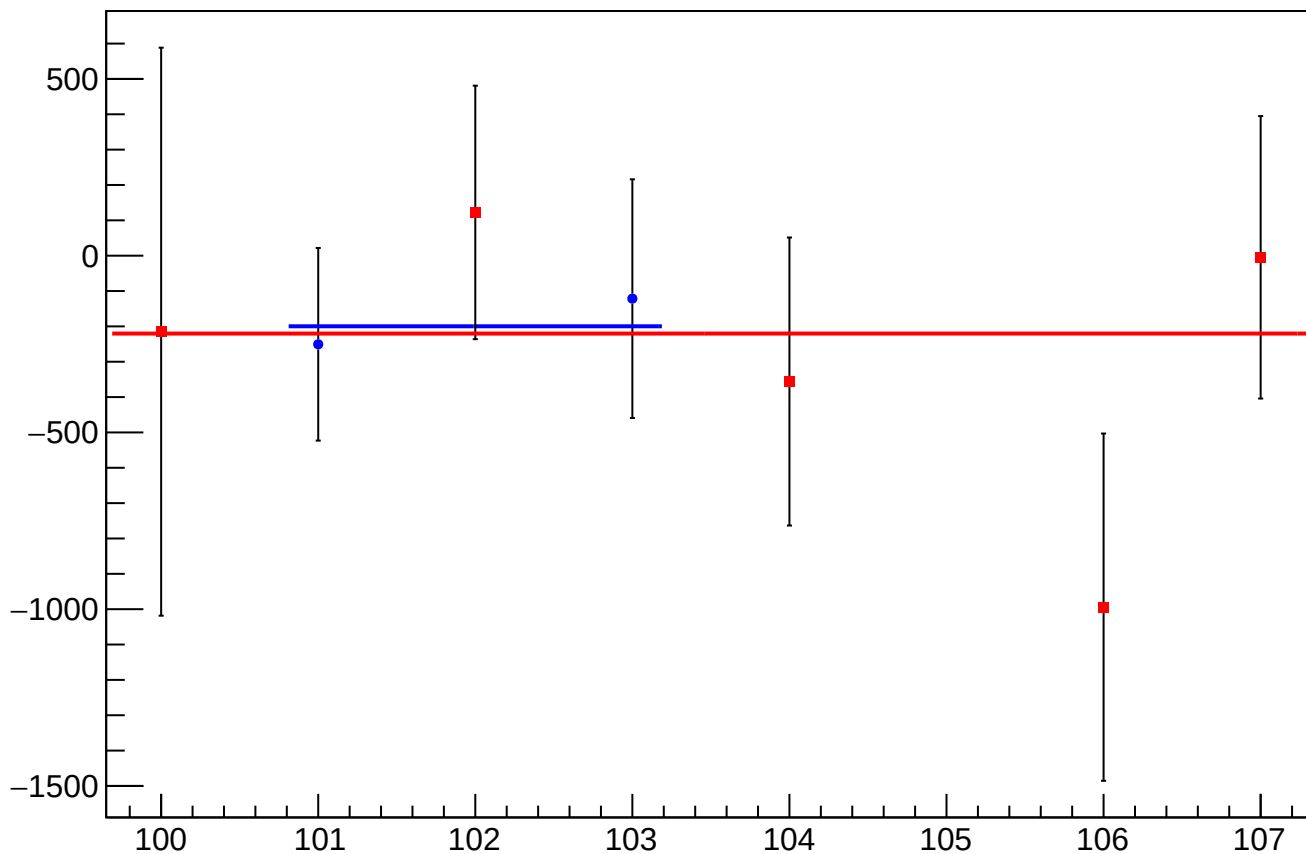
Right: 23.398+/-0.009 χ^2/NDF : 12116.3/6

In: 23.984+/-0.015 χ^2/NDF : 147.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.398+/-0.009 χ^2/NDF : 12116.3/6

asym_bcm_dg_ds_an_us_avg_mean vs Slug, Sign Corrected



Right In: -199.700 $\pm$ 212.016 χ^2 /NDF: 0.1/1

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

Right Out: -220.307 $\pm$ 197.005 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

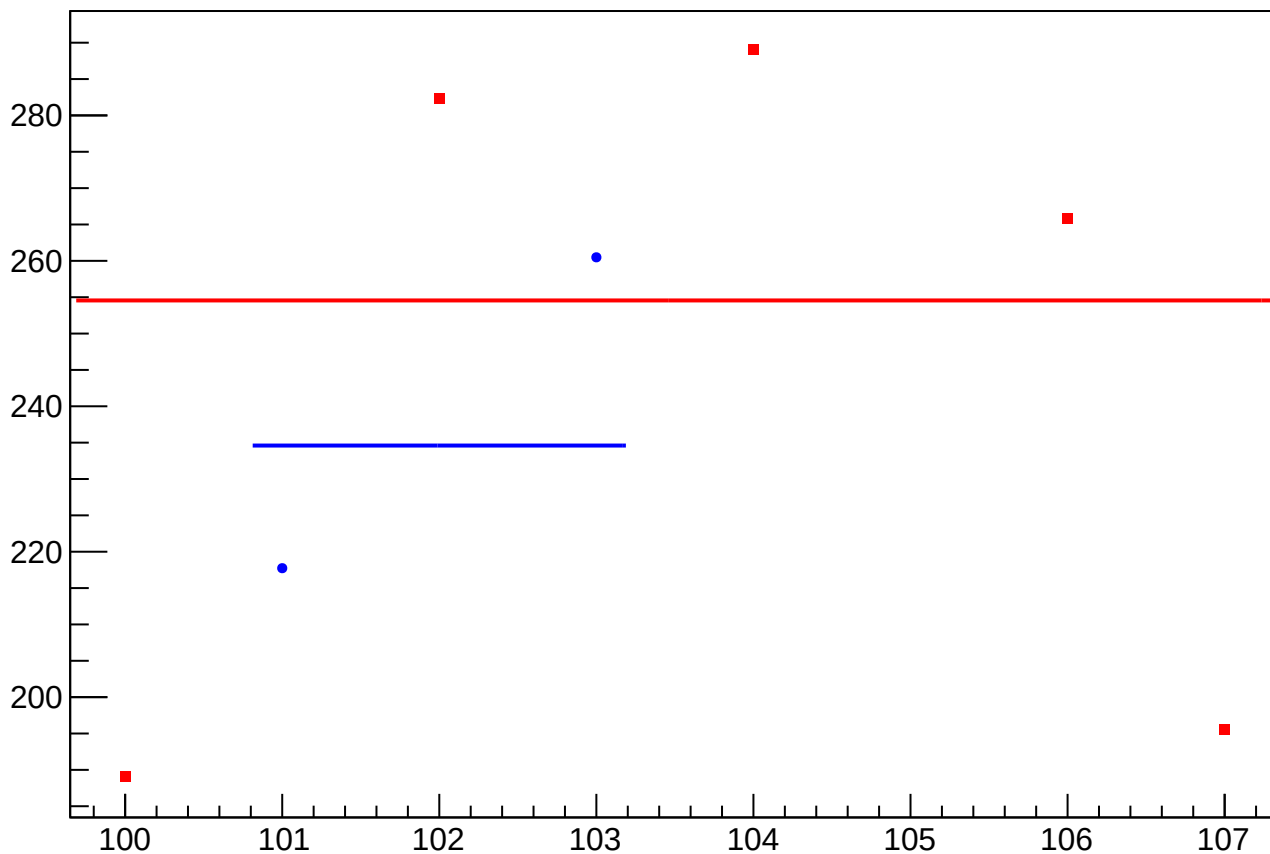
Right: -210.759 $\pm$ 144.319 χ^2 /NDF: 3.9/6

In: -199.700 $\pm$ 212.016 χ^2 /NDF: 0.1/1

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

All: -210.759 $\pm$ 144.319 χ^2 /NDF: 3.9/6

asym_bcm_dg_ds_an_us_avg_rms vs Slug, Sign Corrected



Right In: 234.600 $\pm$ 0.150 χ^2 /NDF: 19424.0/1

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

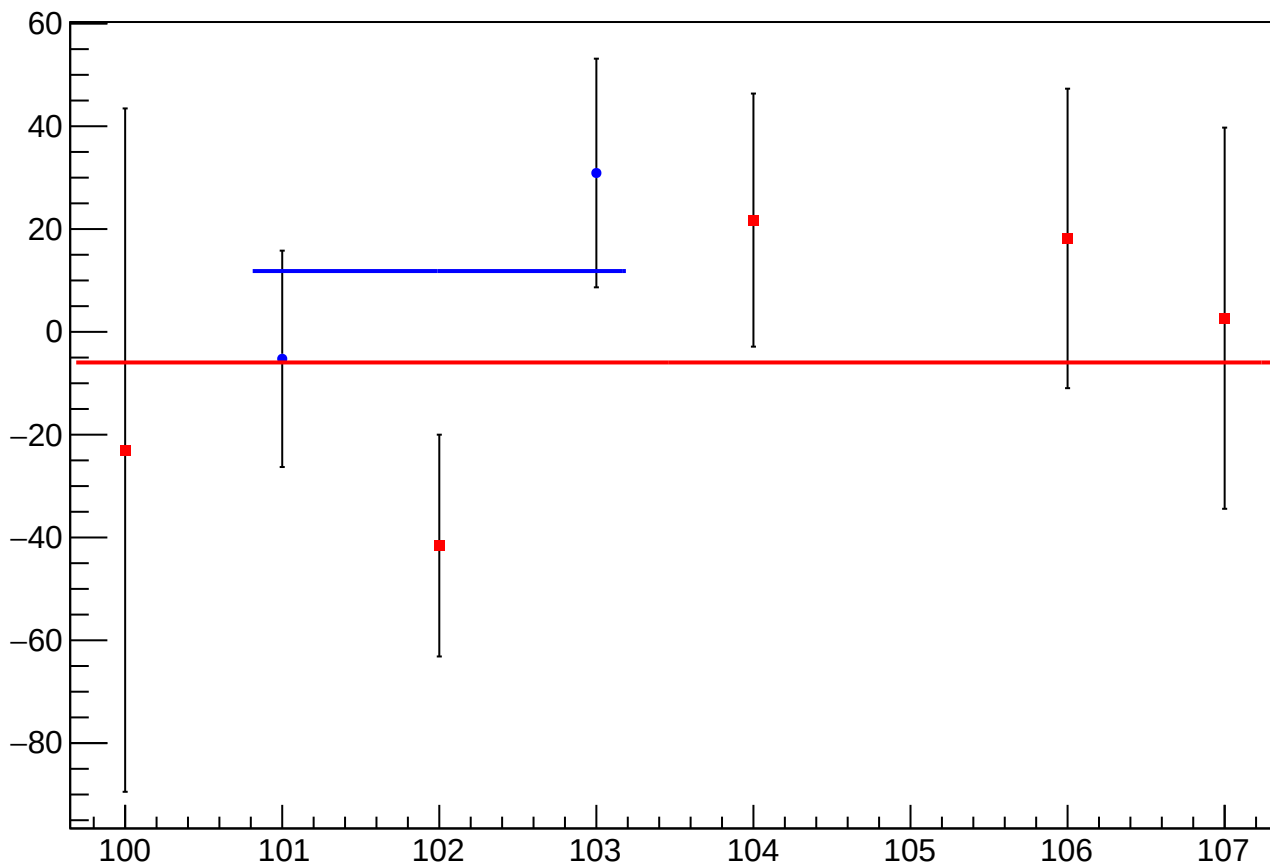
Right: 245.309 $\pm$ 0.102 χ^2 /NDF: 113269.7/6

In: 234.600 $\pm$ 0.150 χ^2 /NDF:19424.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 245.309 $\pm$ 0.102 χ^2 /NDF: 113269.7/6

asym_bcm_dg_ds_an_us_dd_mean vs Slug, Sign Corrected



Right In: 11.831+/-15.286 χ^2/NDF : 1.4/1

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

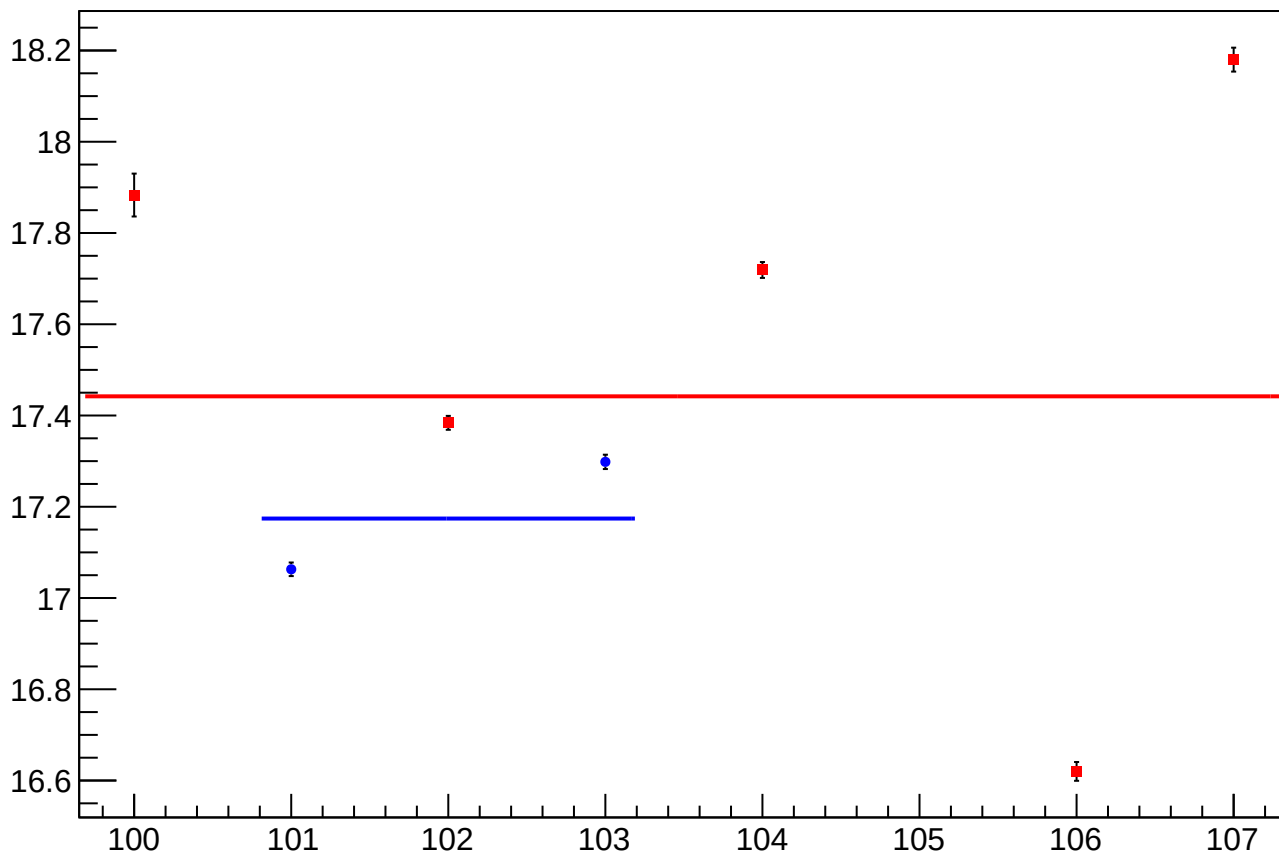
Right: 1.500+/-9.896 χ^2/NDF : 7.0/6

In: 11.831+/-15.286 χ^2/NDF : 1.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.500+/-9.896 χ^2/NDF : 7.0/6

asym_bcm_dg_ds_an_us_dd_rms vs Slug, Sign Corrected



Right In: 17.174+/-0.011 χ^2/NDF : 118.3/1

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

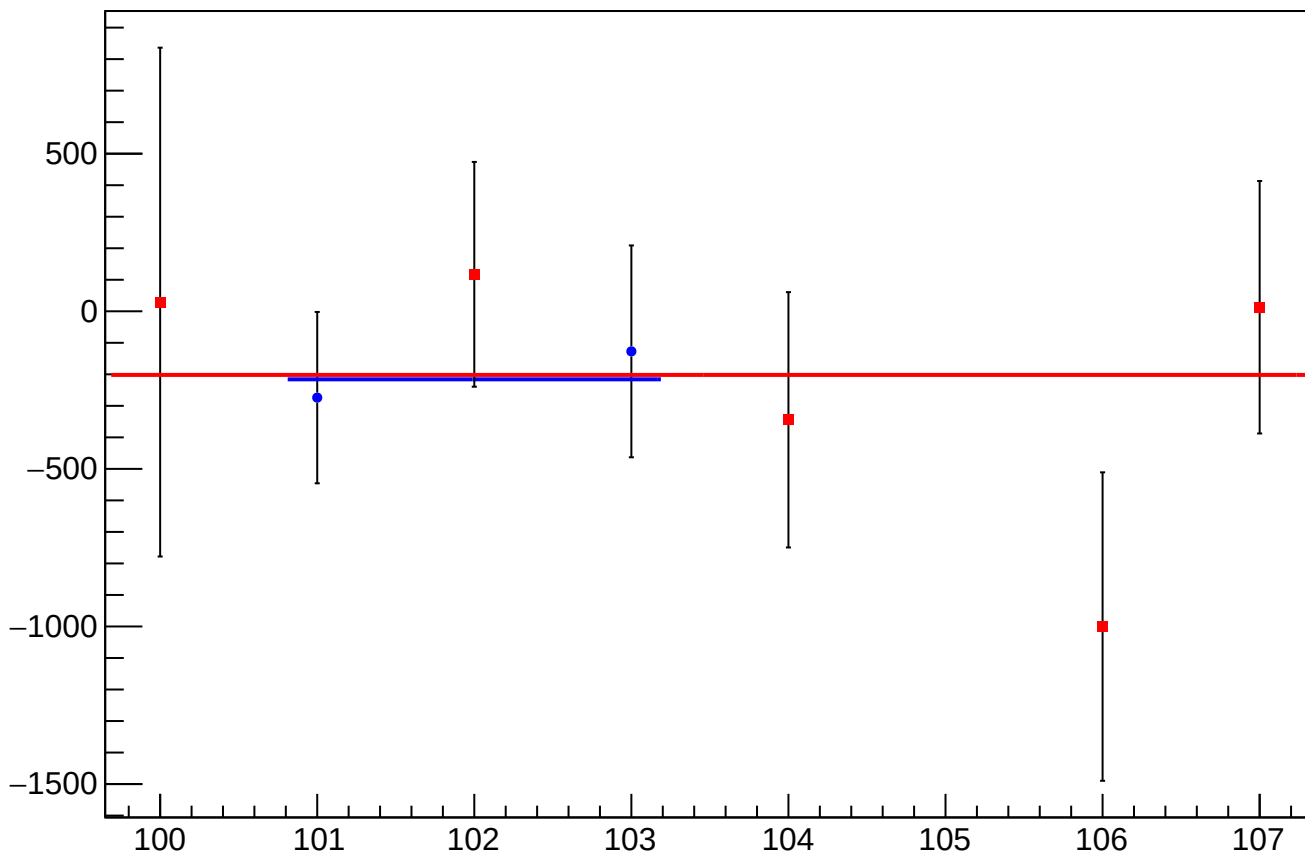
Right: 17.330+/-0.007 χ^2/NDF : 3215.8/6

In: 17.174+/-0.011 χ^2/NDF : 118.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.330+/-0.007 χ^2/NDF : 3215.8/6

asym_bcm_dg_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -215.890+/-211.347 χ^2/NDF : 0.1/1

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

Right Out: -201.875+/-196.485 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

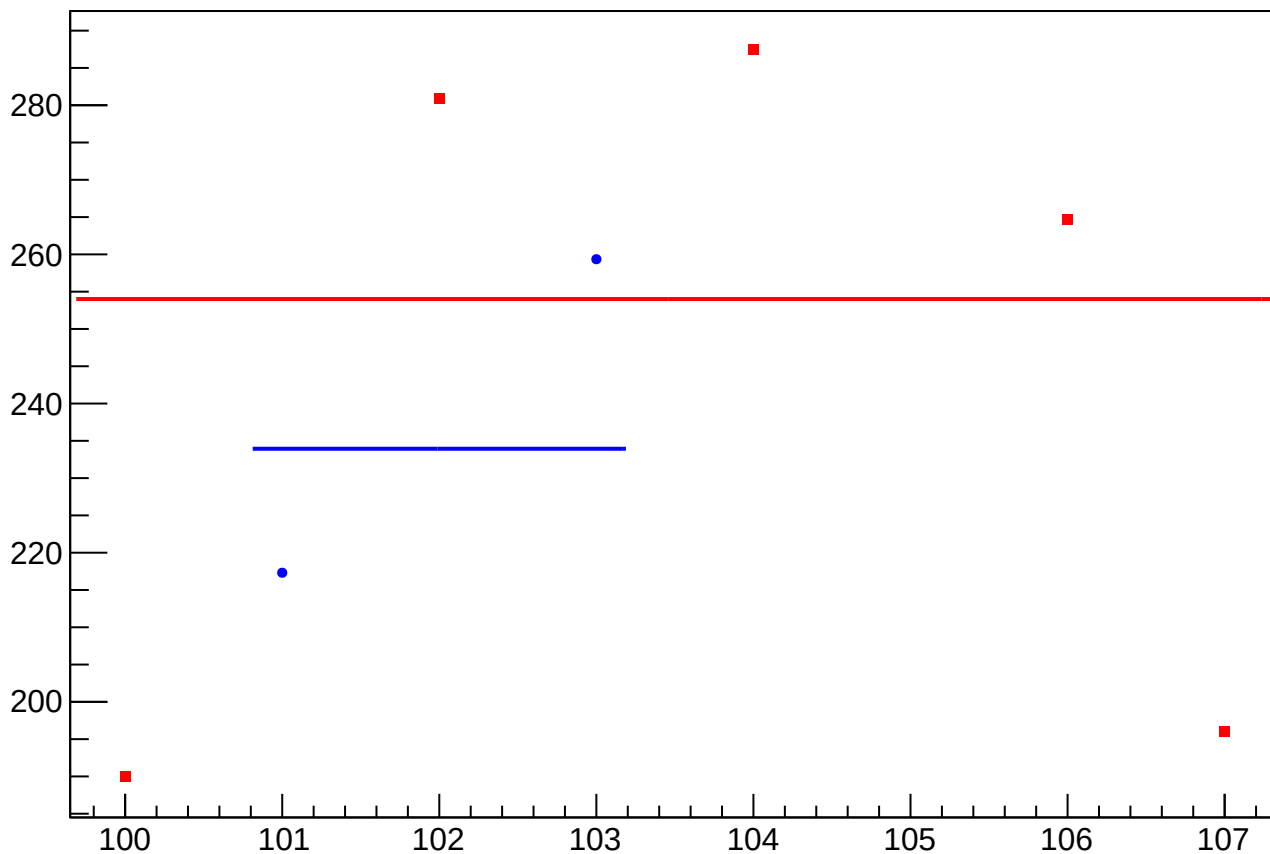
Right: -208.373+/-143.903 χ^2/NDF : 4.1/6

In: -215.890+/-211.347 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -208.373+/-143.903 χ^2/NDF : 4.1/6

asym_bcm_dg_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 233.939+/-0.149 χ^2/NDF : 18921.2/1

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

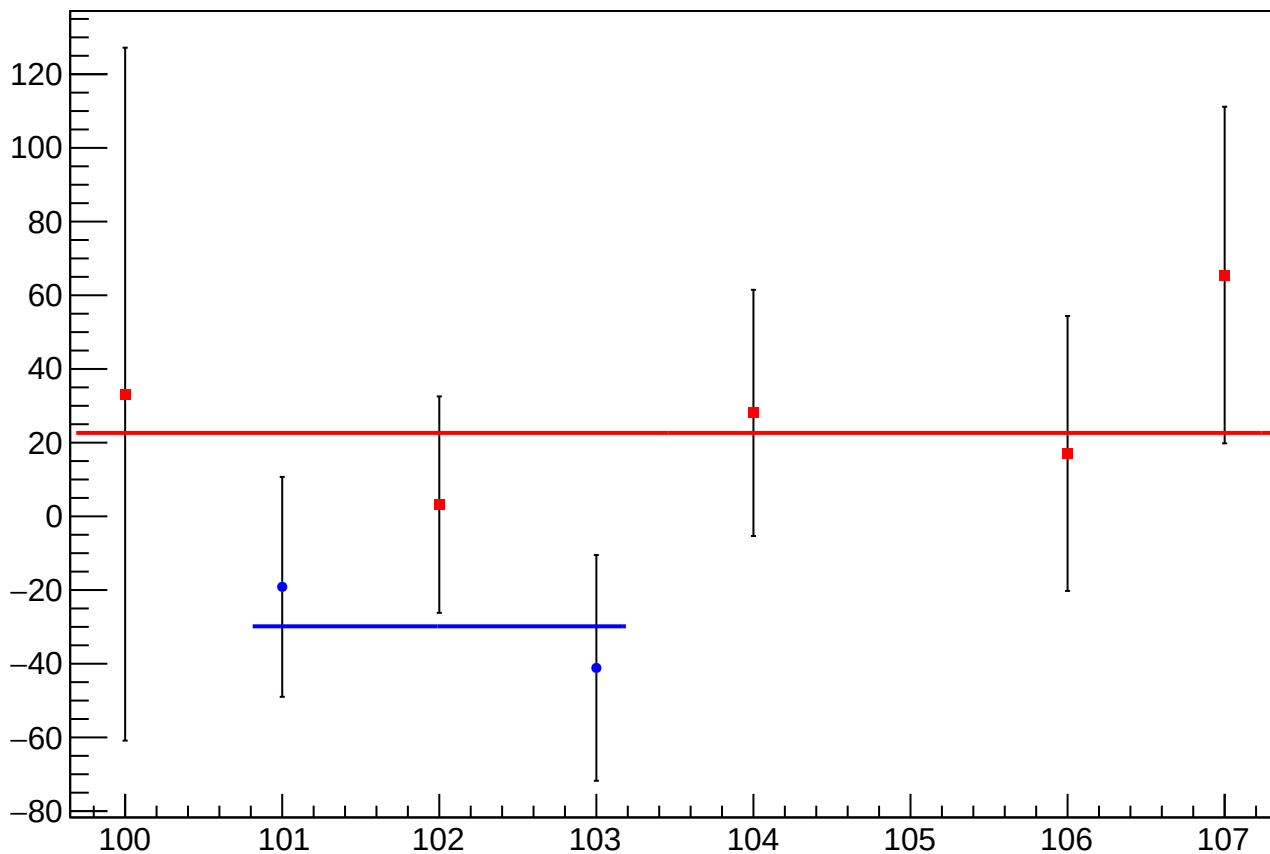
Right: 244.707+/-0.102 χ^2/NDF : 108989.7/6

In: 233.939+/-0.149 χ^2/NDF : 18921.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 244.707+/-0.102 χ^2/NDF : 108989.7/6

asym_bcm_dg_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -29.849 ± 21.377 χ^2/NDF : 0.3/1

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

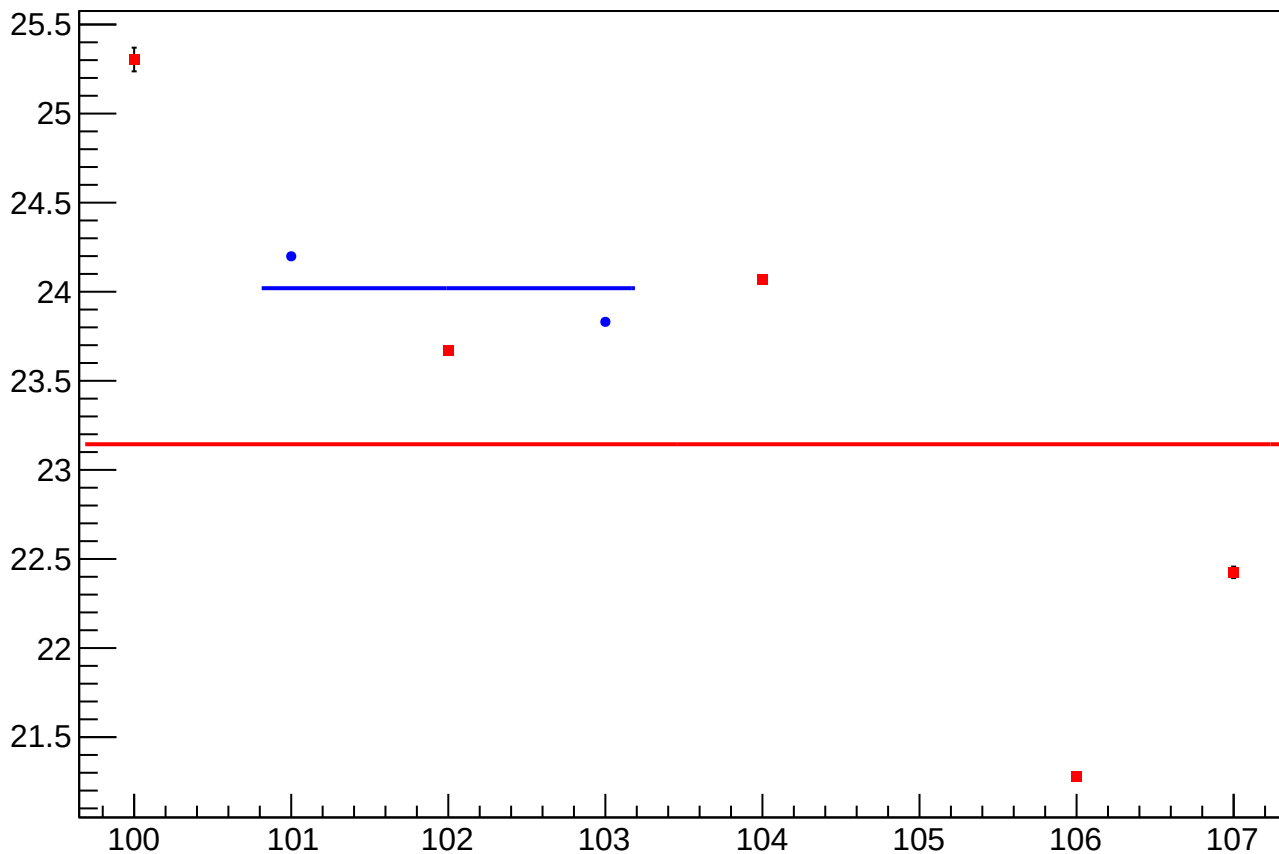
Right: 1.965 ± 13.418 χ^2/NDF : 5.3/6

In: -29.849 ± 21.377 χ^2/NDF : 0.3/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.965 ± 13.418 χ^2/NDF : 5.3/6

asym_bcm_dg_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 24.020 $\pm$ 0.015 χ^2 /NDF: 148.0/1

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

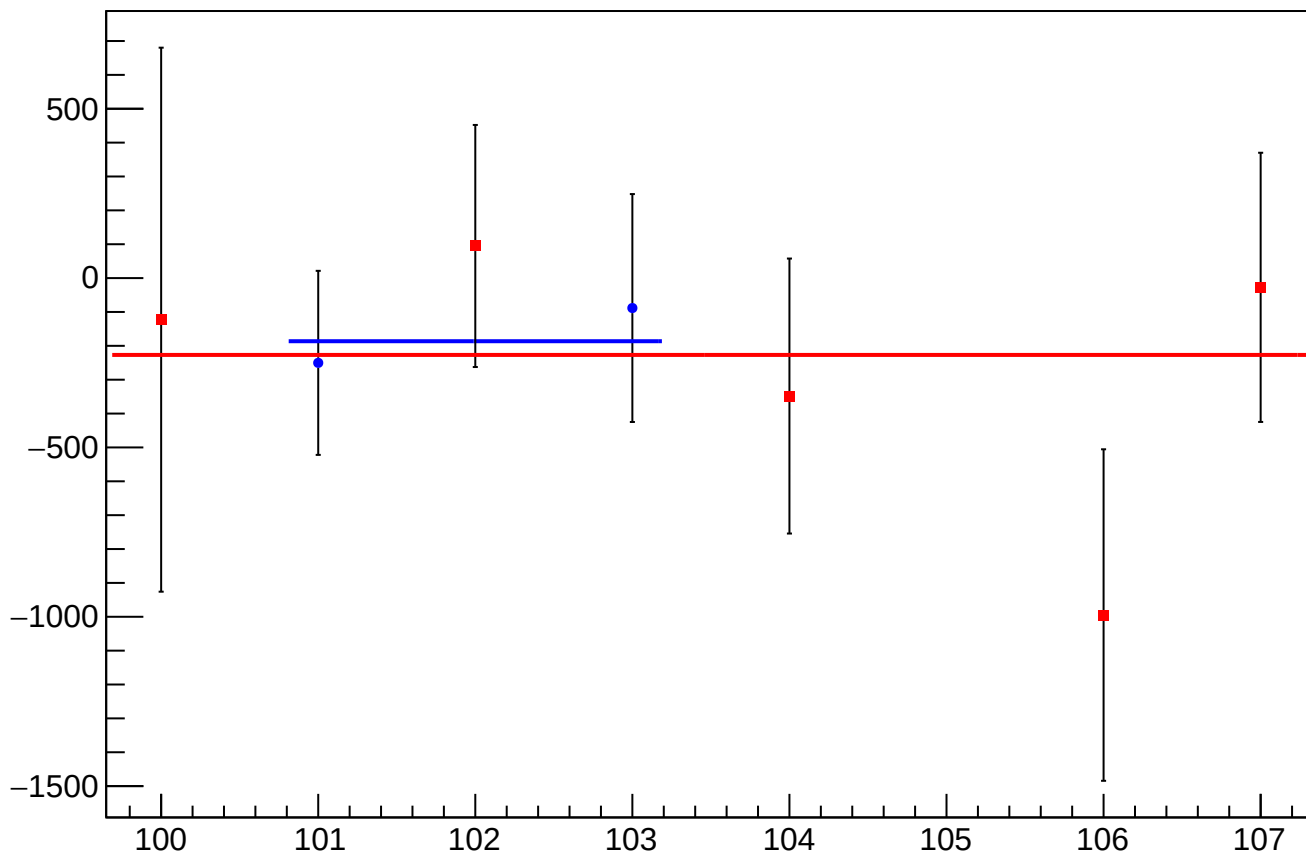
Right: 23.489 $\pm$ 0.009 χ^2 /NDF: 10889.7/6

In: 24.020 $\pm$ 0.015 χ^2 /NDF: 148.0/1

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

All: 23.489 $\pm$ 0.009 χ^2 /NDF: 10889.7/6

asym_bcm_dg_ds_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -186.390+/-211.397 χ^2/NDF : 0.1/1

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

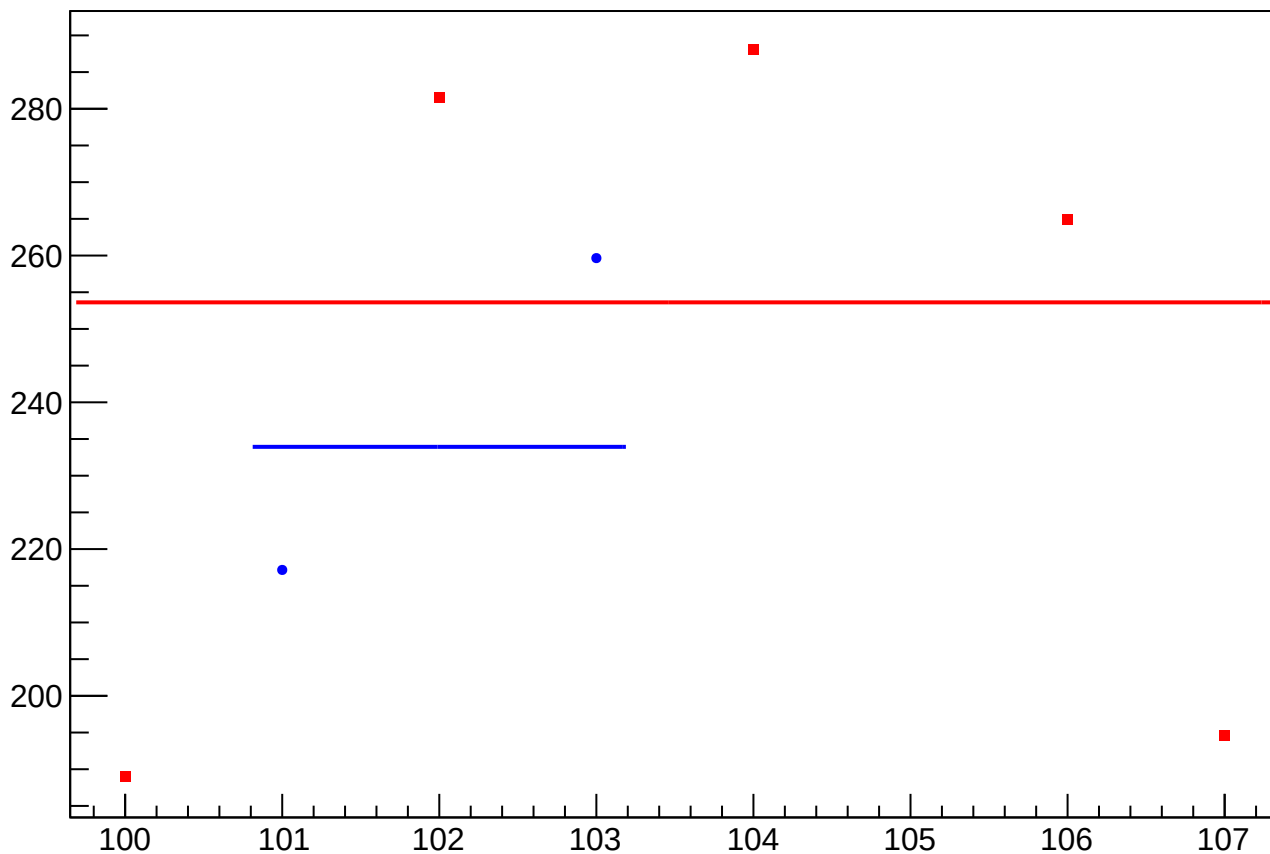
Right: -208.122+/-143.842 χ^2/NDF : 3.8/6

In: -186.390+/-211.397 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -208.122+/-143.842 χ^2/NDF : 3.8/6

asym_bcm_dg_ds_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 233.932 $\pm$ 0.149 χ^2 /NDF: 19306.6/1

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

Right Out: 253.621 $\pm$ 0.139 χ^2 /NDF: 84729.0/4

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

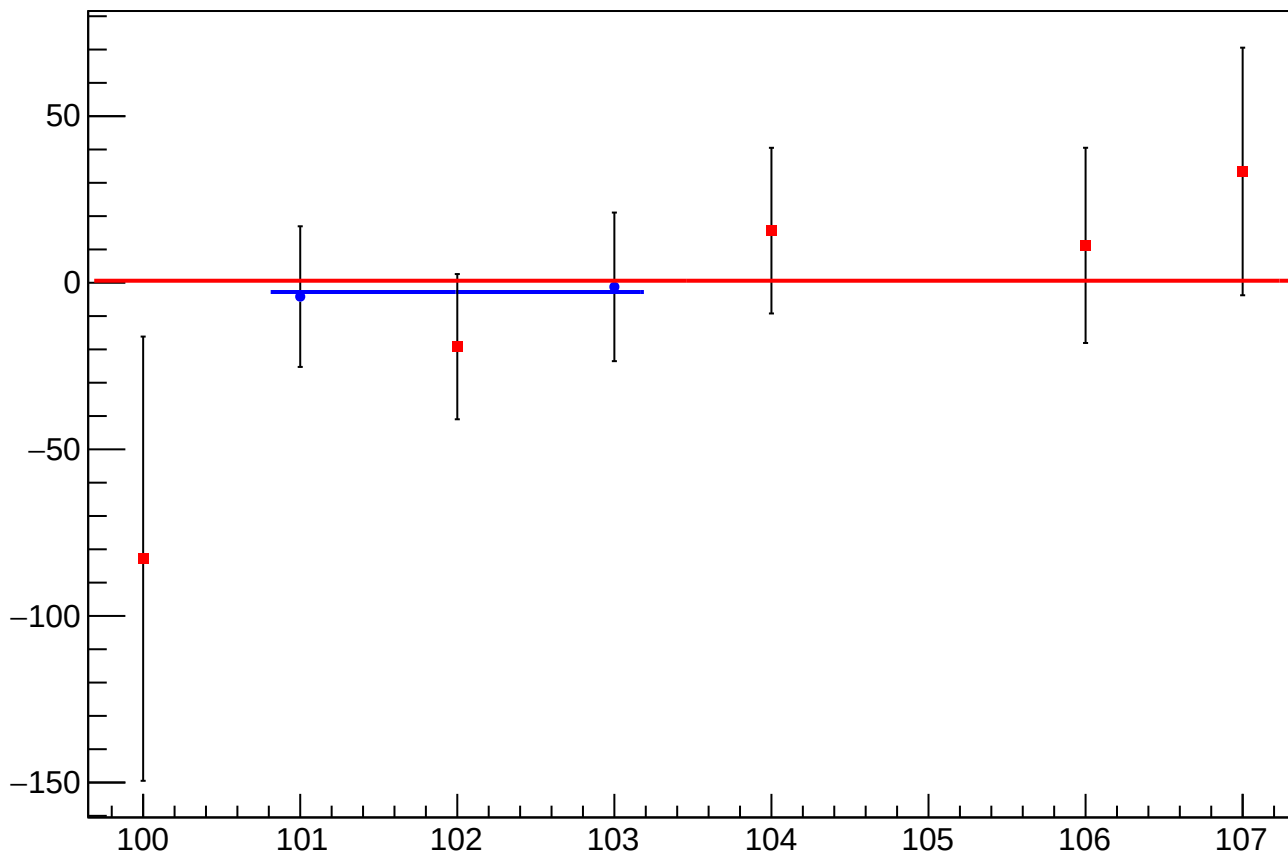
Right: 244.505 $\pm$ 0.102 χ^2 /NDF: 113351.9/6

In: 233.932 $\pm$ 0.149 χ^2 /NDF: 19306.6/1

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

All: 244.505 $\pm$ 0.102 χ^2 /NDF: 113351.9/6

asym_bcm_dg_ds_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -2.773+/-15.330 χ^2/NDF : 0.0/1

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

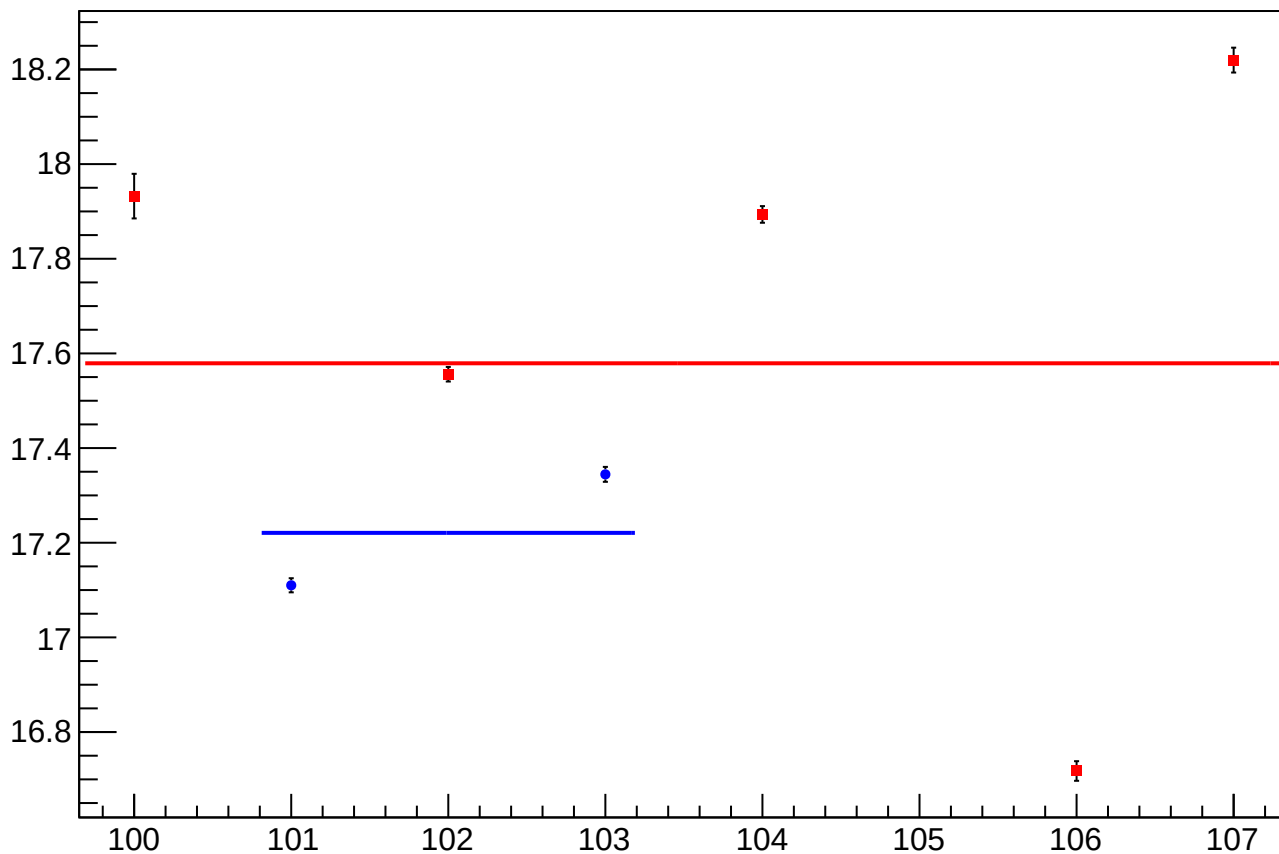
Right: -0.815+/-9.954 χ^2/NDF : 3.7/6

In: -2.773+/-15.330 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.815+/-9.954 χ^2/NDF : 3.7/6

asym_bcm_dg_ds_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 17.221+/-0.011 χ^2/NDF : 116.5/1

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

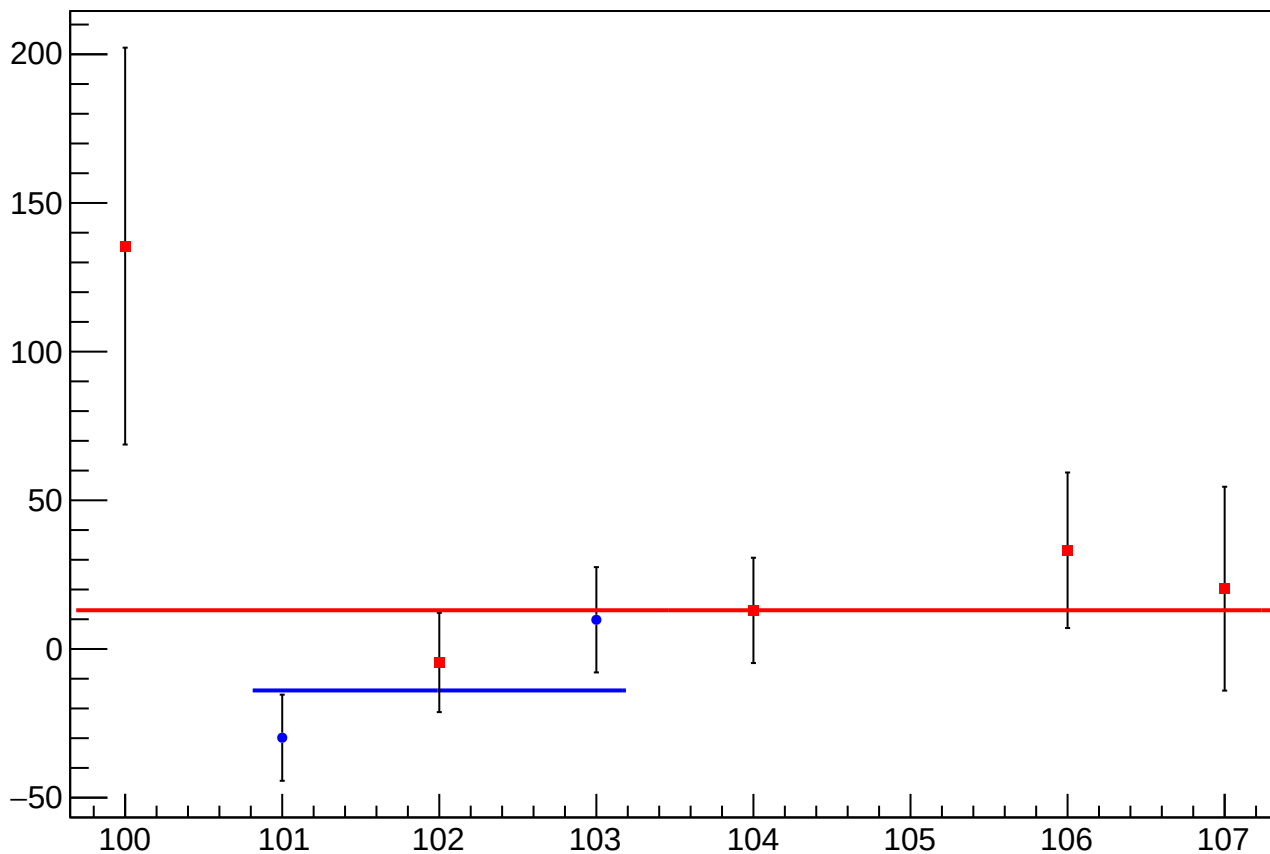
Right: 17.428+/-0.007 χ^2/NDF : 3450.5/6

In: 17.221+/-0.011 χ^2/NDF : 116.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.428+/-0.007 χ^2/NDF : 3450.5/6

diff_bpm_4aX_4acX_avg_mean vs Slug, Sign Corrected



Right In: -13.945 $\pm$ 11.213 χ^2 /NDF: 3.0/1

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

Right Out: 13.028 $\pm$ 10.363 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

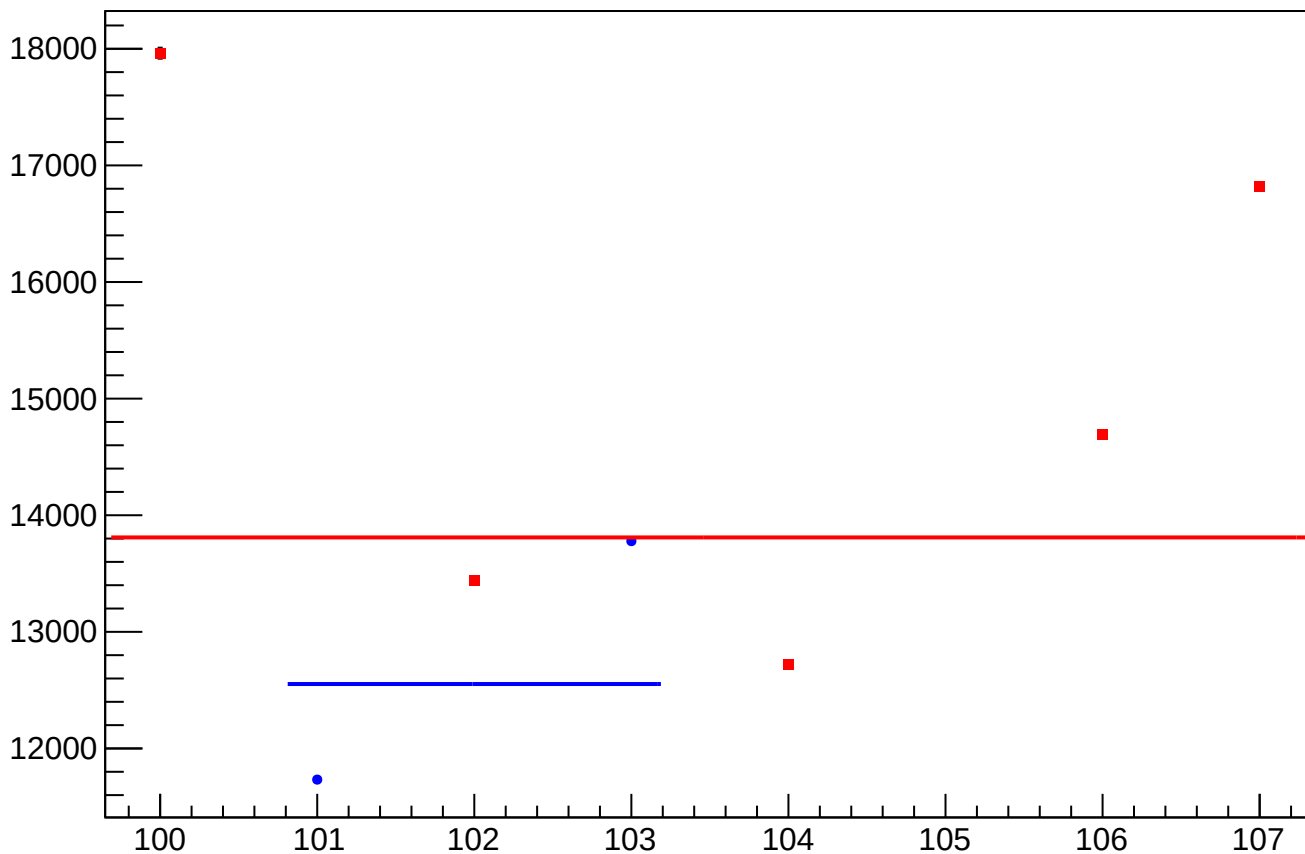
Right: 0.603 $\pm$ 7.611 χ^2 /NDF: 11.2/6

In: -13.945 $\pm$ 11.213 χ^2 /NDF:3.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.603 $\pm$ 7.611 χ^2 /NDF: 11.2/6

diff_bpm_4aX_4acX_avg_rms vs Slug, Sign Corrected



Right In: 12552.650 $\pm$ 7.929 χ^2 /NDF: 15976.1/1

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

Right Out: 13809.747 $\pm$ 7.328 χ^2 /NDF: 33940.3/4

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

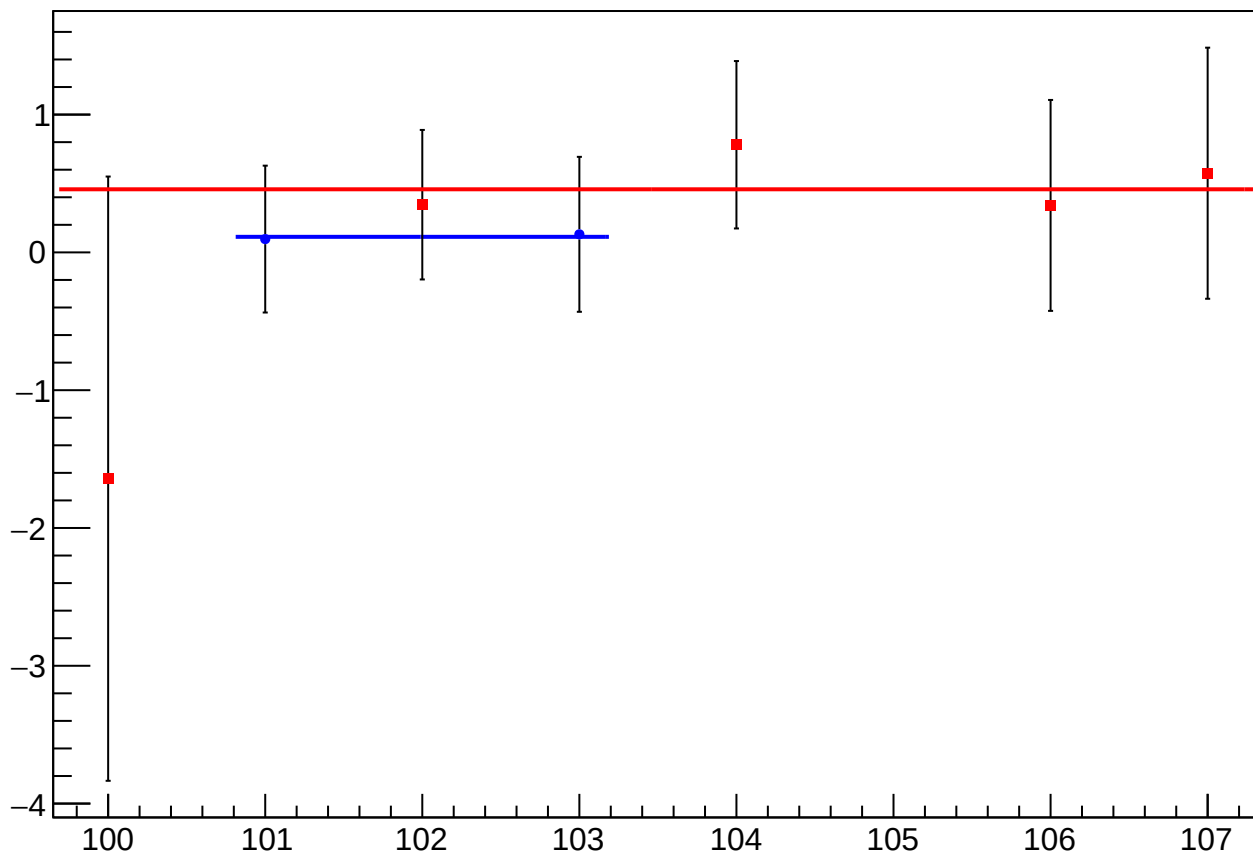
Right: 13230.693 $\pm$ 5.381 χ^2 /NDF: 63473.7/6

In: 12552.650 $\pm$ 7.929 χ^2 /NDF:15976.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 13230.693 $\pm$ 5.381 χ^2 /NDF: 63473.7/6

diff_bpm_4aX_4acX_dd_mean vs Slug, Sign Corrected



Right In: 0.113 $\pm$ 0.387 χ^2 /NDF: 0.0/1

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

Right Out: 0.458 $\pm$ 0.329 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

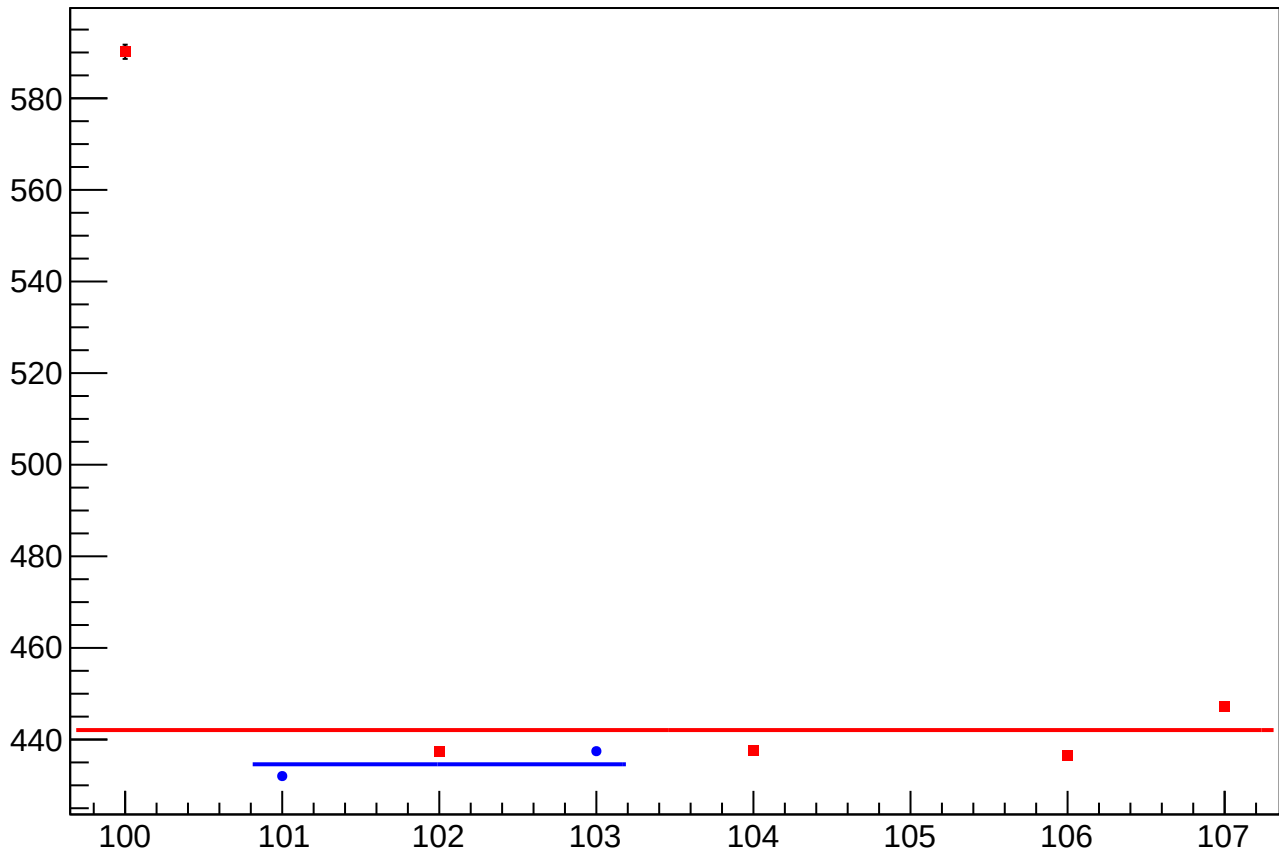
Right: 0.313 $\pm$ 0.251 χ^2 /NDF: 1.7/6

In: 0.113 $\pm$ 0.387 χ^2 /NDF: 0.0/1

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

All: 0.313 $\pm$ 0.251 χ^2 /NDF: 1.7/6

diff_bpm_4aX_4acX_dd_rms vs Slug, Sign Corrected



Right In: 434.593 $\pm$ 0.273 χ^2 /NDF: 98.5/1

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

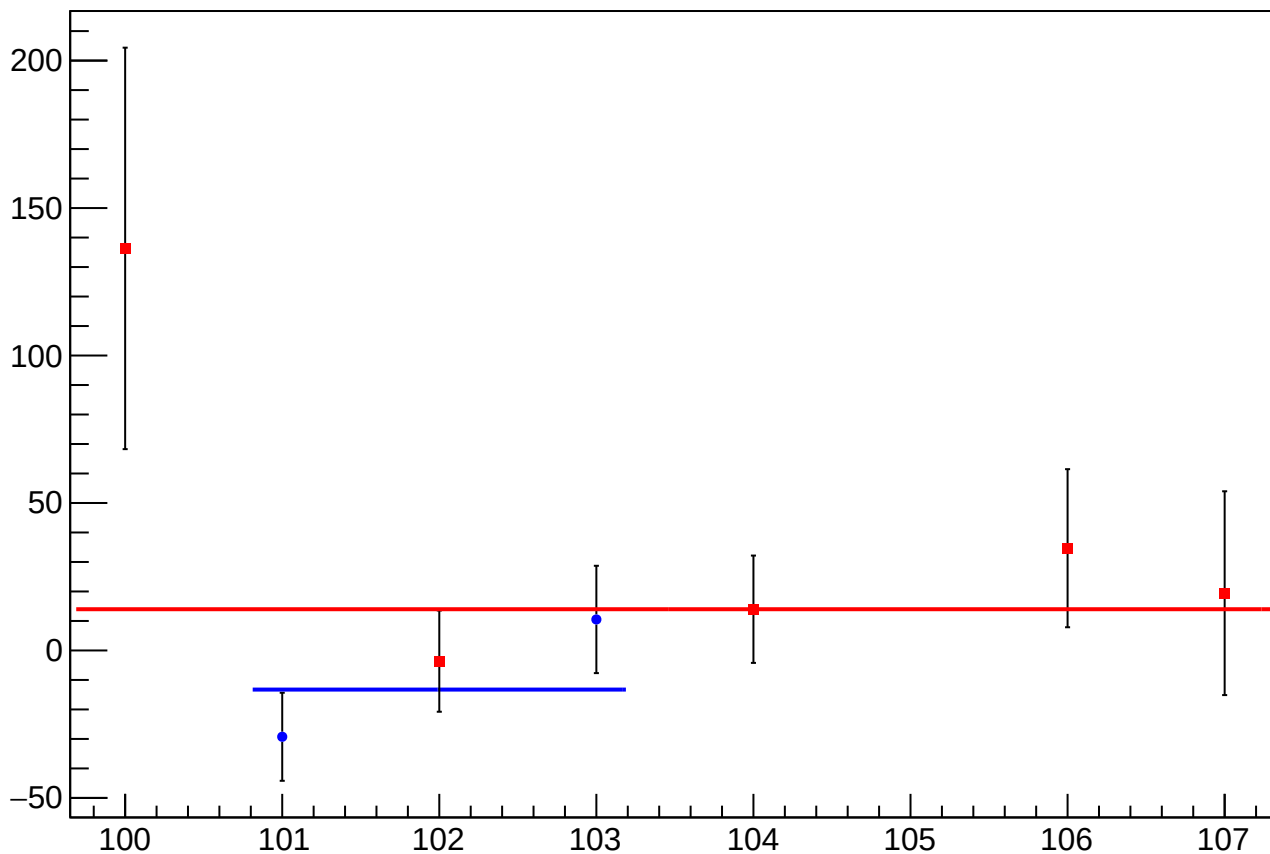
Right: 438.926 $\pm$ 0.177 χ^2 /NDF: 10076.4/6

In: 434.593 $\pm$ 0.273 χ^2 /NDF:98.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 438.926 $\pm$ 0.177 χ^2 /NDF: 10076.4/6

diff_bpm_4aX_4eX_avg_mean vs Slug, Sign Corrected



Right In: -13.265 $\pm$ 11.540 χ^2 /NDF: 2.9/1

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

Right Out: 13.981 $\pm$ 10.623 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

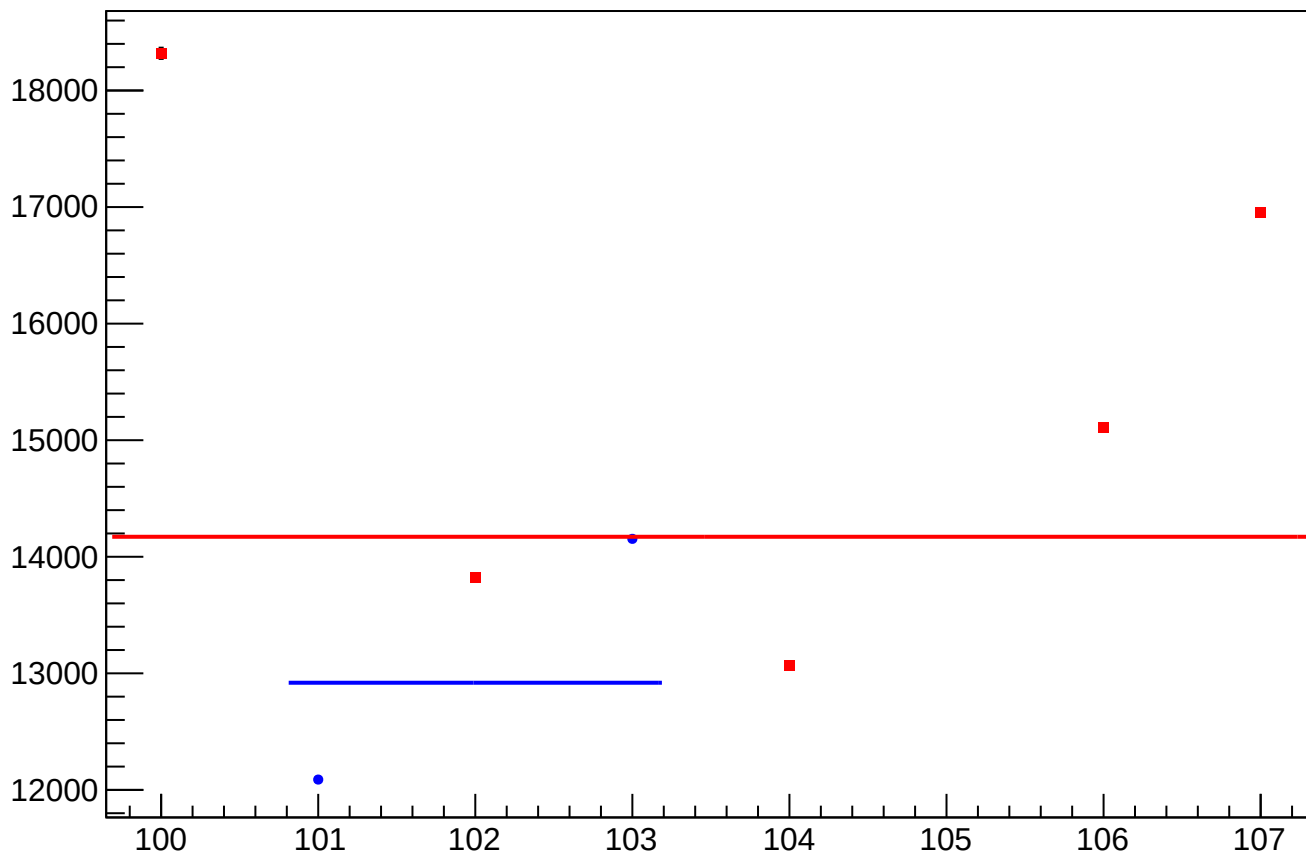
Right: 1.484 $\pm$ 7.816 χ^2 /NDF: 10.8/6

In: -13.265 $\pm$ 11.540 χ^2 /NDF:2.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.484 $\pm$ 7.816 χ^2 /NDF: 10.8/6

diff_bpm_4aX_4eX_avg_rms vs Slug, Sign Corrected



Right In: 12919.365 $\pm$ 8.160 χ^2 /NDF: 15399.9/1

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

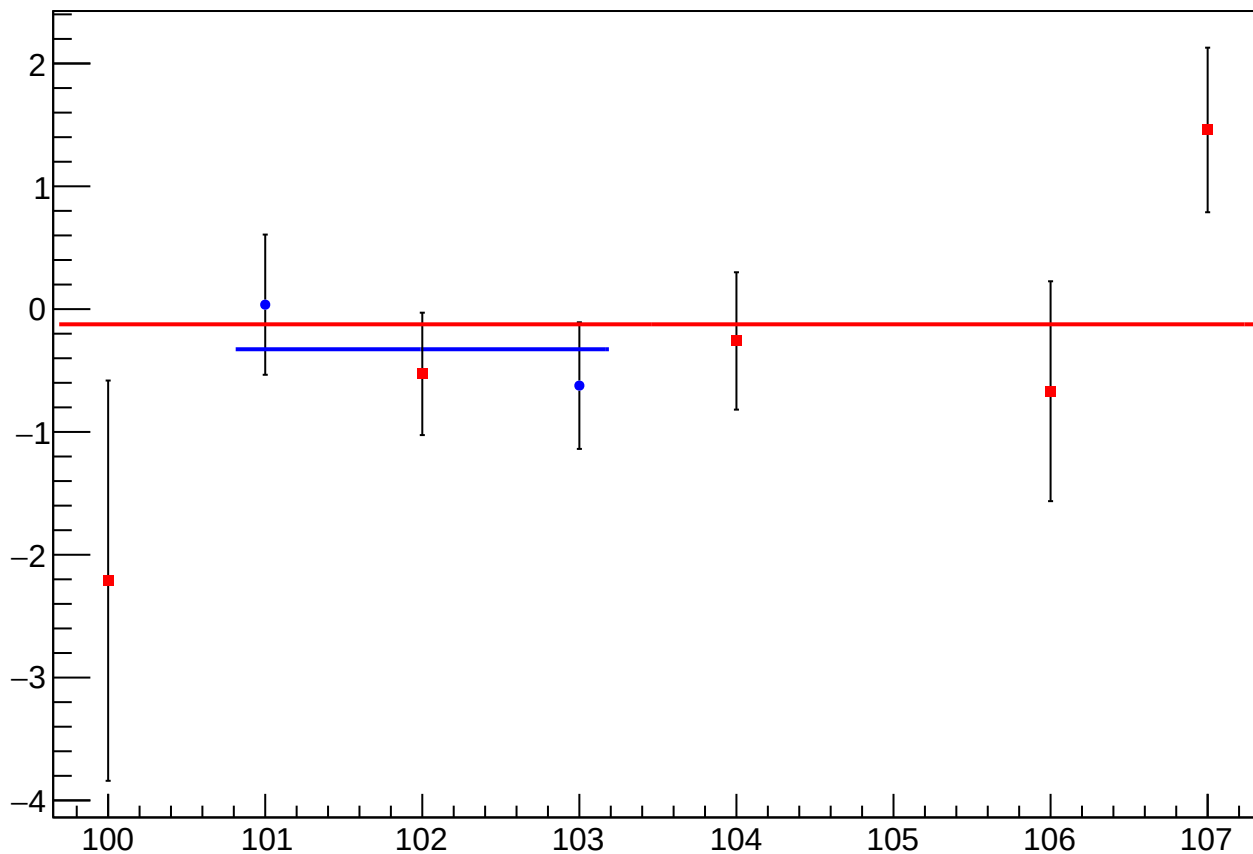
Right: 13597.161 $\pm$ 5.527 χ^2 /NDF: 59129.6/6

In: 12919.365 $\pm$ 8.160 χ^2 /NDF:15399.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 13597.161 $\pm$ 5.527 χ^2 /NDF: 59129.6/6

diff_bpm_4aX_4eX_dd_mean vs Slug, Sign Corrected



Right In: -0.327 ± 0.383 χ^2/NDF : 0.7/1

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

Right Out: -0.124 ± 0.300 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

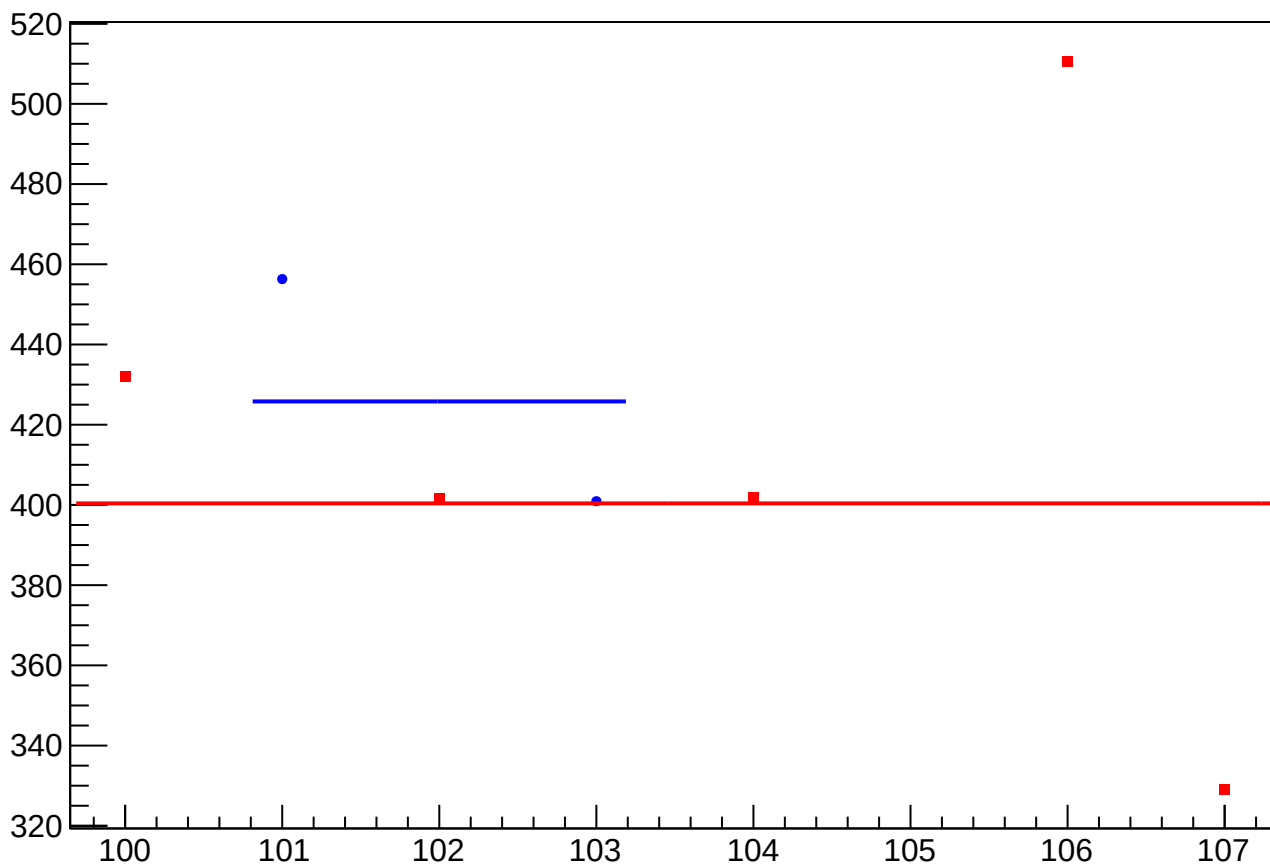
Right: -0.201 ± 0.236 χ^2/NDF : 9.2/6

In: -0.327 ± 0.383 χ^2/NDF : 0.7/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.201 ± 0.236 χ^2/NDF : 9.2/6

diff_bpm_4aX_4eX_dd_rms vs Slug, Sign Corrected



Right In: 425.805 $\pm$ 0.270 χ^2 /NDF: 10372.2/1

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

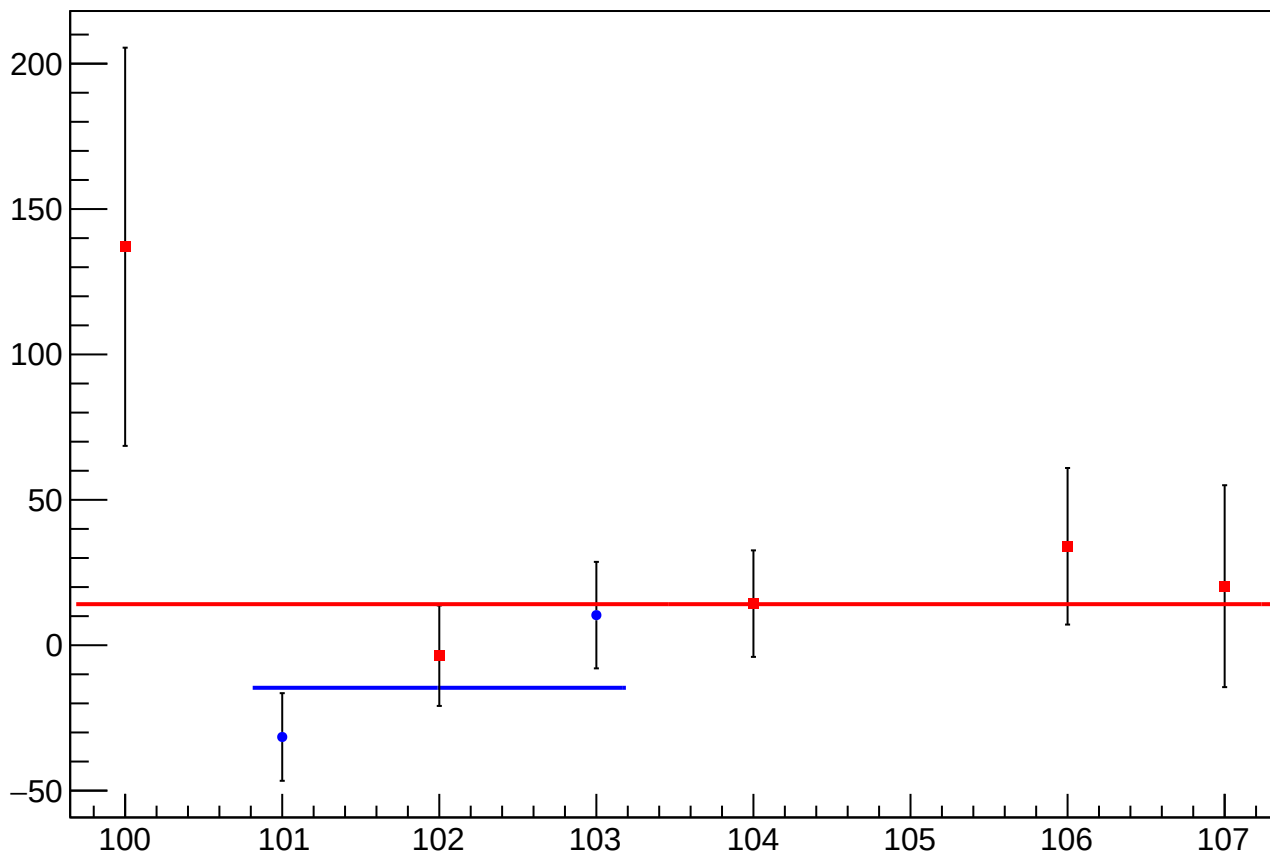
Right: 410.083 $\pm$ 0.167 χ^2 /NDF: 69684.9/6

In: 425.805 $\pm$ 0.270 χ^2 /NDF: 10372.2/1

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

All: 410.083 $\pm$ 0.167 χ^2 /NDF: 69684.9/6

diff_bpm_4aX_4ecX_avg_mean vs Slug, Sign Corrected



Right In: -14.634 $\pm$ 11.636 χ^2 /NDF: 3.1/1

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

Right Out: 14.121 $\pm$ 10.688 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

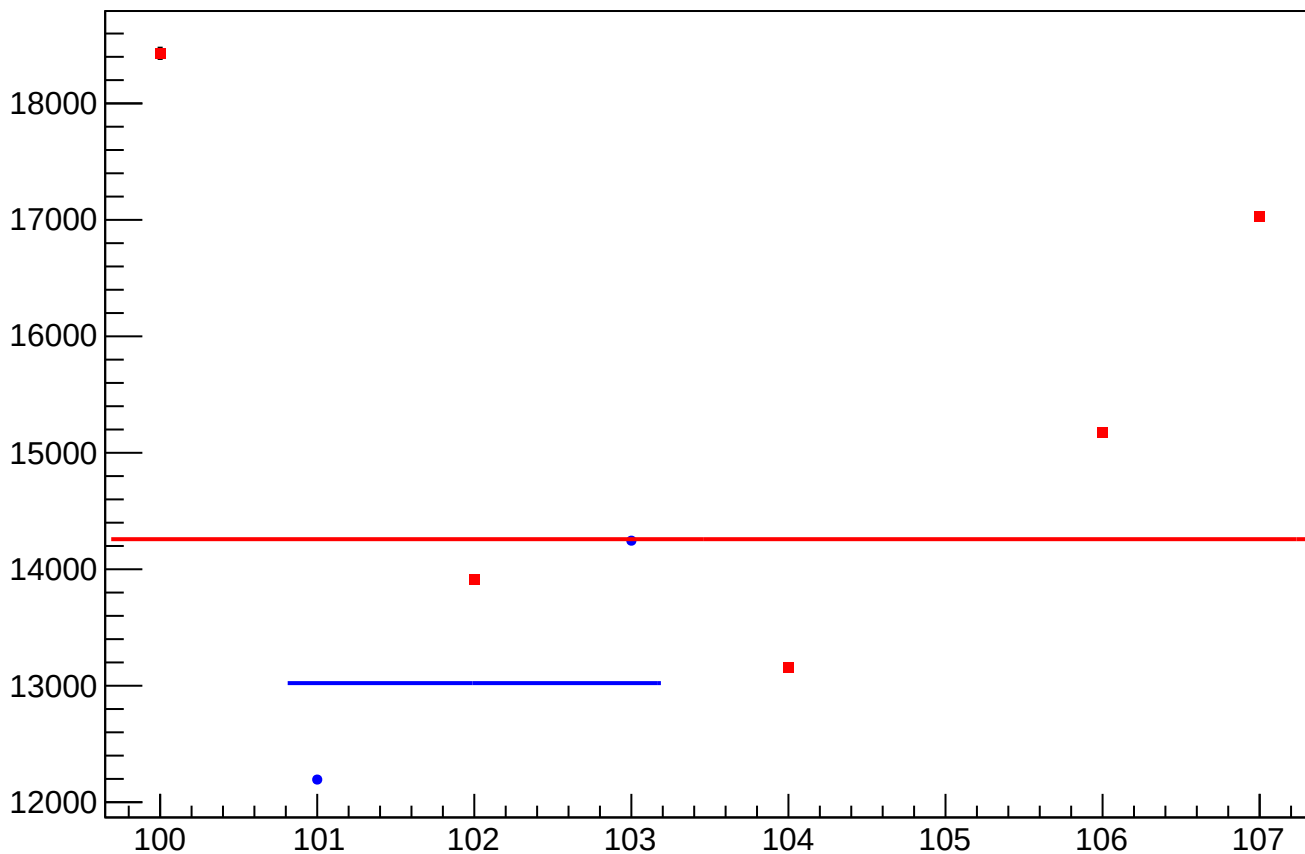
Right: 0.962 $\pm$ 7.871 χ^2 /NDF: 11.3/6

In: -14.634 $\pm$ 11.636 χ^2 /NDF:3.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.962 $\pm$ 7.871 χ^2 /NDF: 11.3/6

diff_bpm_4aX_4ecX_avg_rms vs Slug, Sign Corrected



Right In: 13022.479+/-8.228 χ^2/NDF : 14961.2/1

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

Right Out: 14258.334+/-7.557 χ^2/NDF : 30579.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

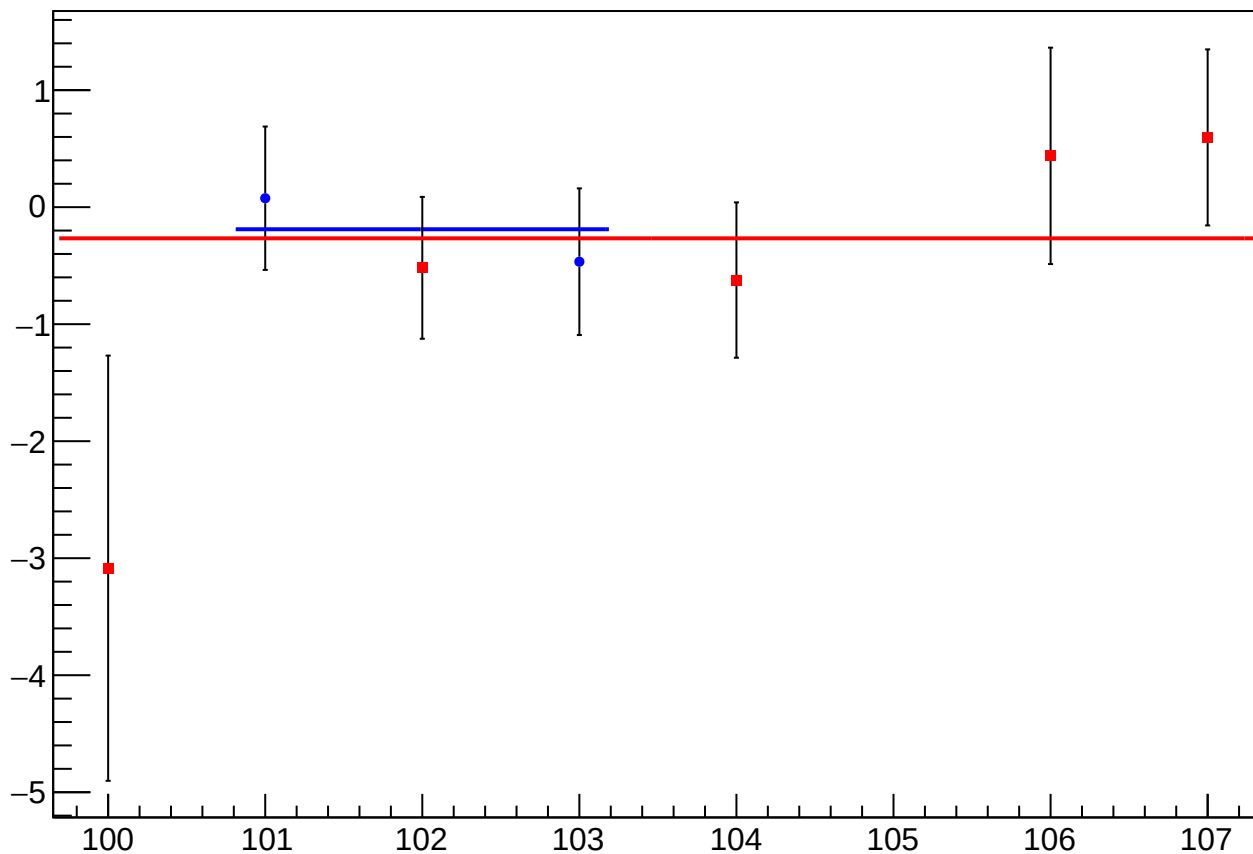
Right: 13692.804+/-5.566 χ^2/NDF : 57777.6/6

In: 13022.479+/-8.228 χ^2/NDF : 14961.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13692.804+/-5.566 χ^2/NDF : 57777.6/6

diff_bpm_4aX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: -0.189 $\pm$ 0.438 χ^2 /NDF: 0.4/1

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

Right Out: -0.267 $\pm$ 0.349 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

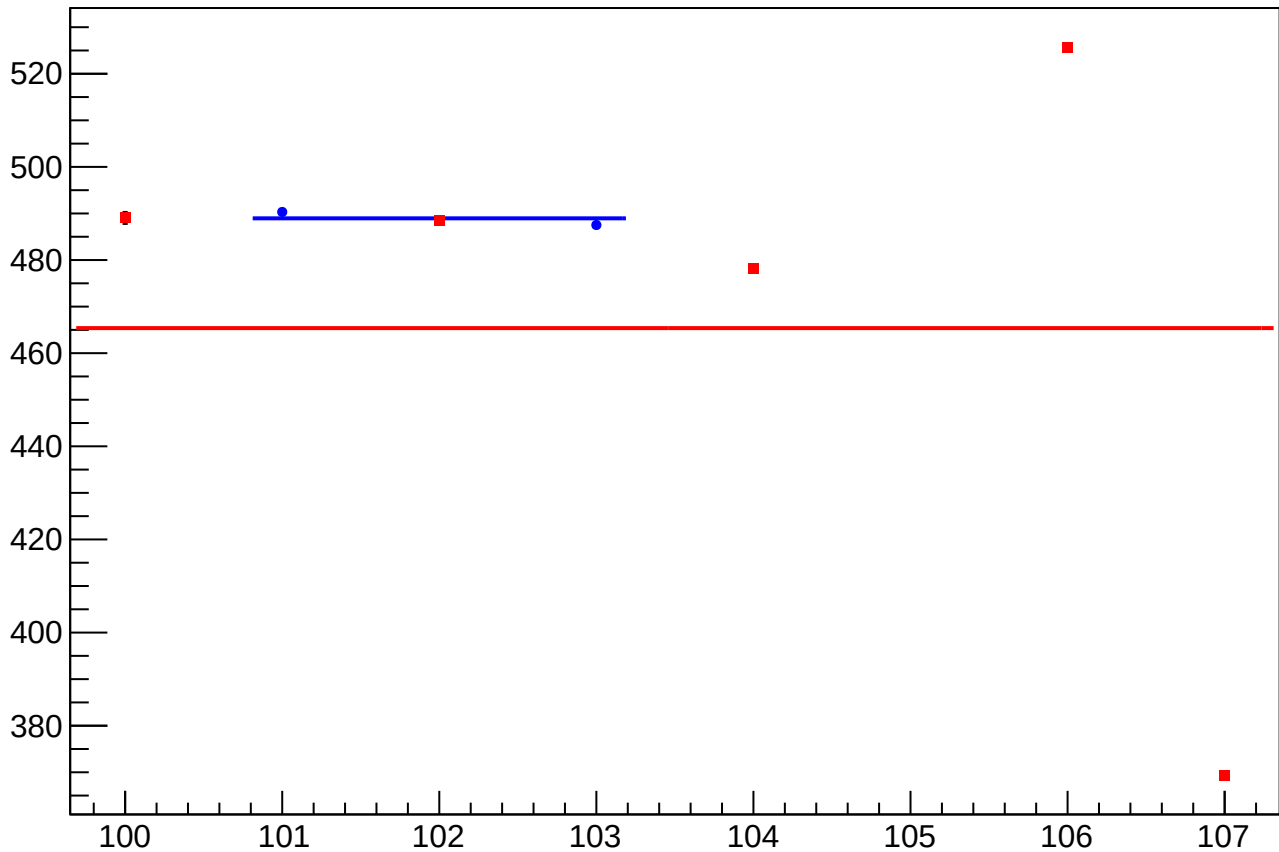
Right: -0.236 $\pm$ 0.273 χ^2 /NDF: 5.2/6

In: -0.189 $\pm$ 0.438 χ^2 /NDF:0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.236 $\pm$ 0.273 χ^2 /NDF: 5.2/6

diff_bpm_4aX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 488.954 $\pm$ 0.310 χ^2 /NDF: 20.4/1

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

Right Out: 465.383 $\pm$ 0.246 χ^2 /NDF: 45082.6/4

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

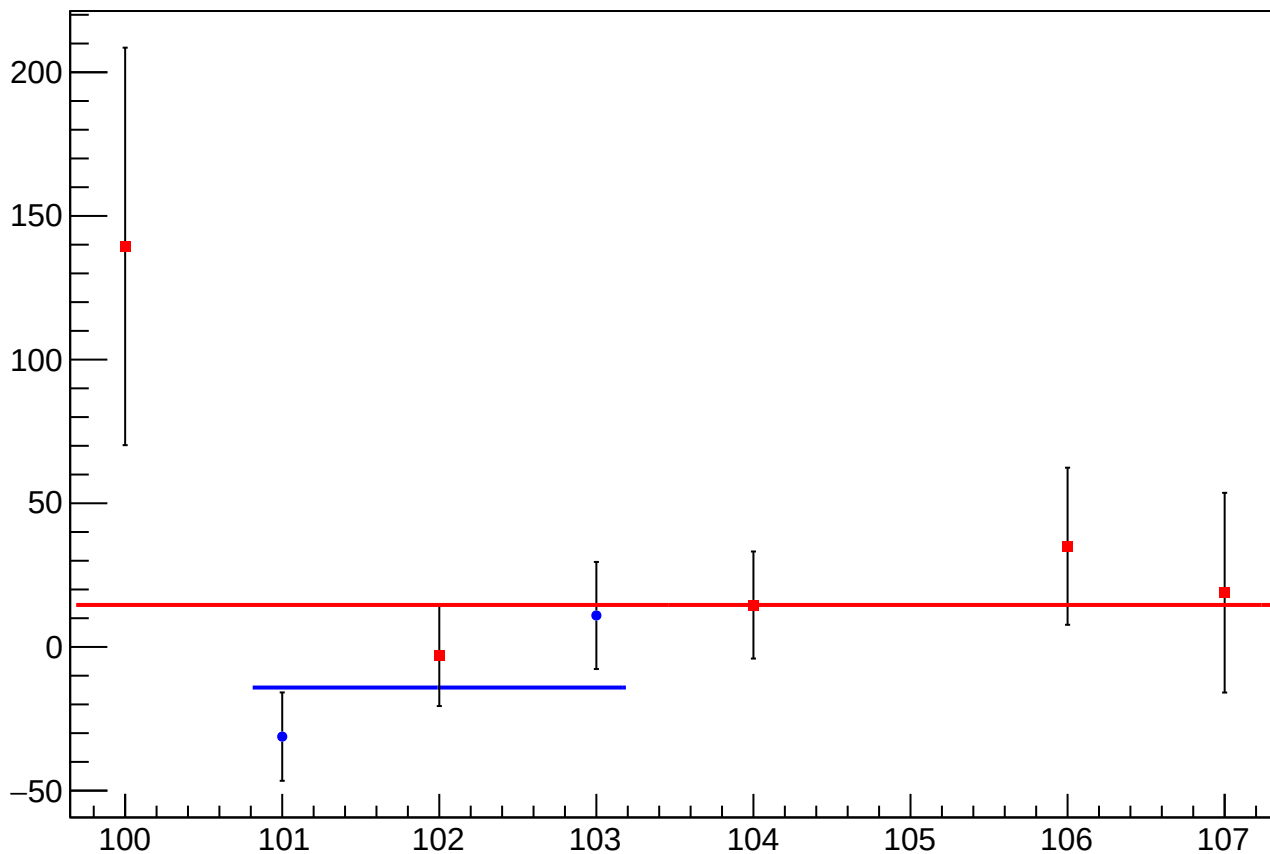
Right: 474.520 $\pm$ 0.193 χ^2 /NDF: 48648.6/6

In: 488.954 $\pm$ 0.310 χ^2 /NDF:20.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 474.520 $\pm$ 0.193 χ^2 /NDF: 48648.6/6

diff_bpm_4eX_4ecX_avg_mean vs Slug, Sign Corrected



Right In: -14.124 $\pm$ 11.860 χ^2 /NDF: 3.0/1

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

Right Out: 14.617 $\pm$ 10.854 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

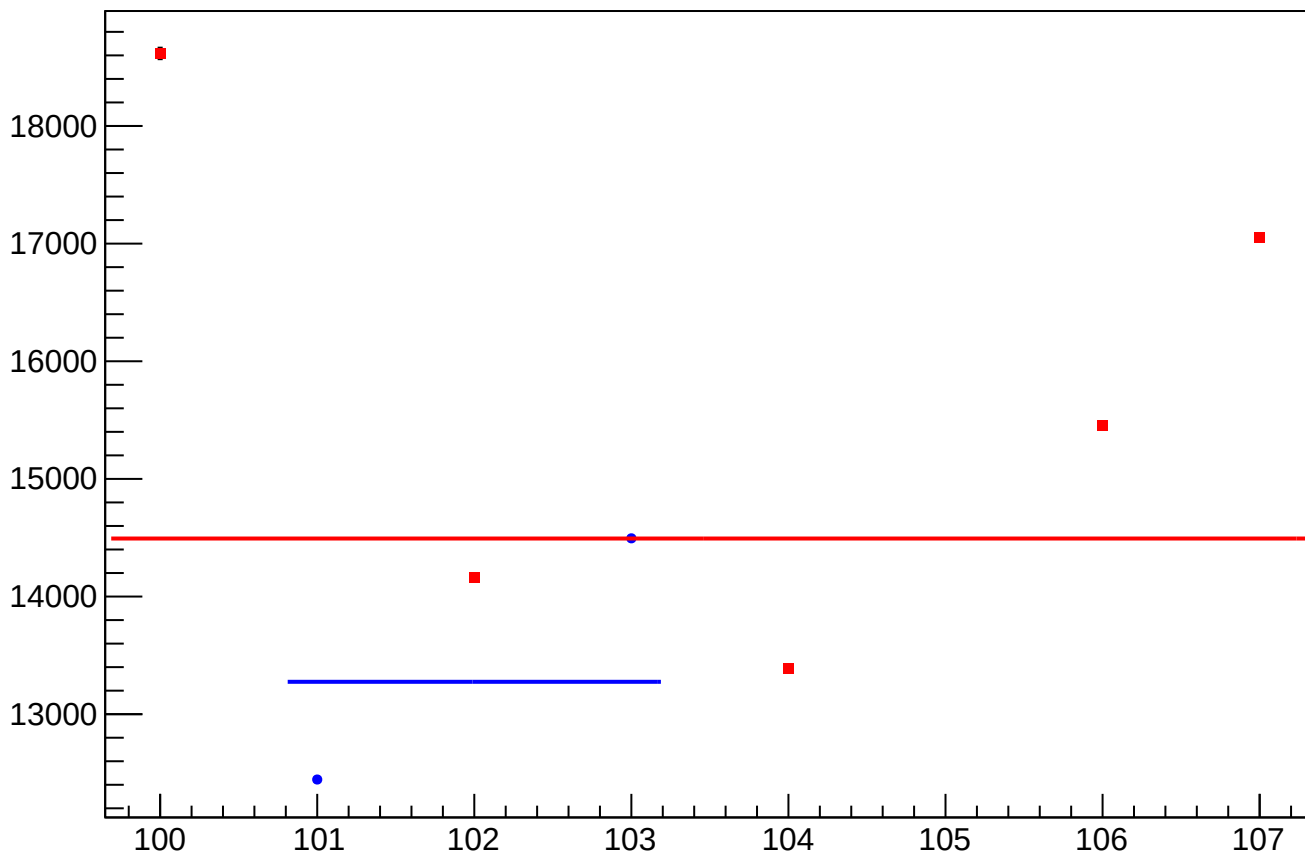
Right: 1.517 $\pm$ 8.007 χ^2 /NDF: 11.1/6

In: -14.124 $\pm$ 11.860 χ^2 /NDF:3.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.517 $\pm$ 8.007 χ^2 /NDF: 11.1/6

diff_bpm_4eX_4ecX_avg_rms vs Slug, Sign Corrected



Right In: 13275.316+/-8.386 χ^2/NDF : 14403.9/1

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

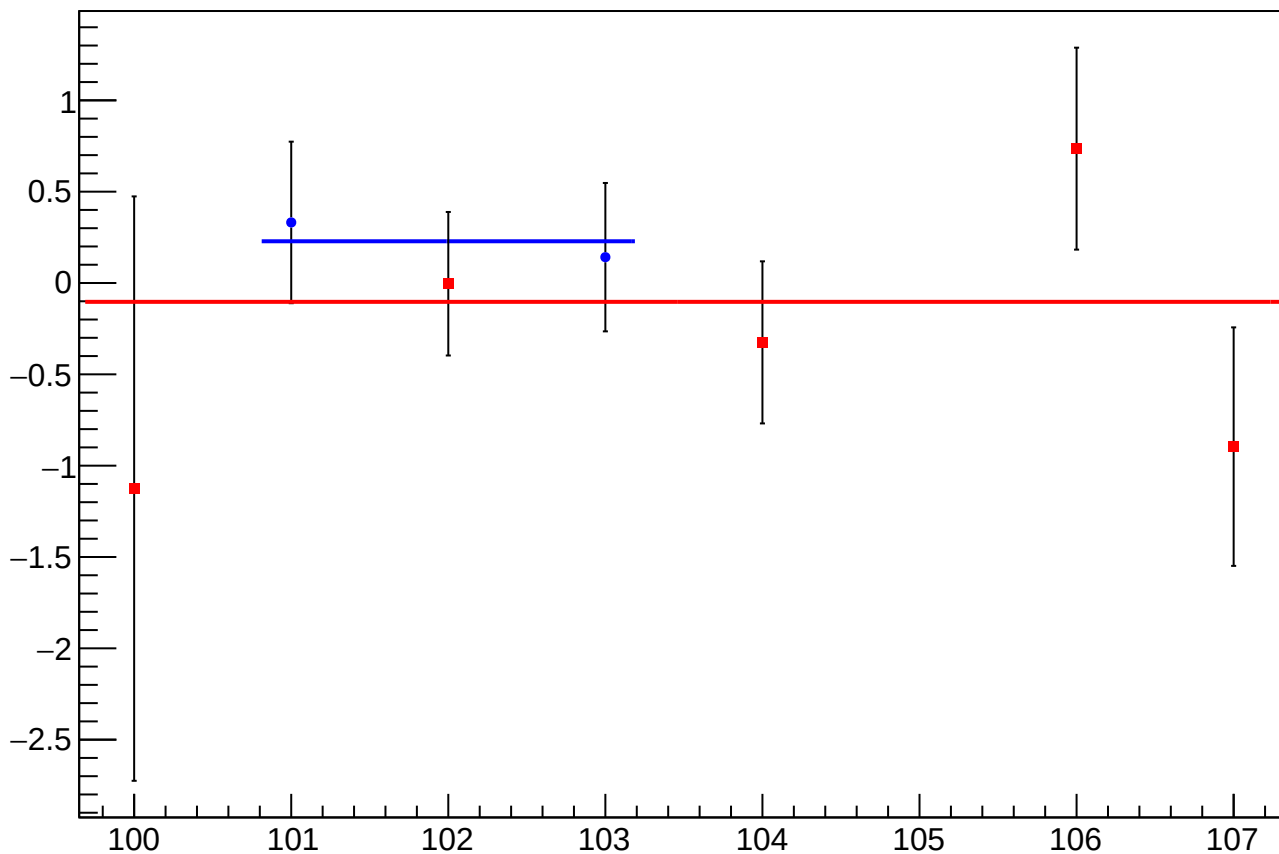
Right: 13938.128+/-5.662 χ^2/NDF : 54069.9/6

In: 13275.316+/-8.386 χ^2/NDF : 14403.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13938.128+/-5.662 χ^2/NDF : 54069.9/6

diff_bpm_4eX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: 0.228 $\pm$ 0.299 χ^2 /NDF: 0.1/1

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

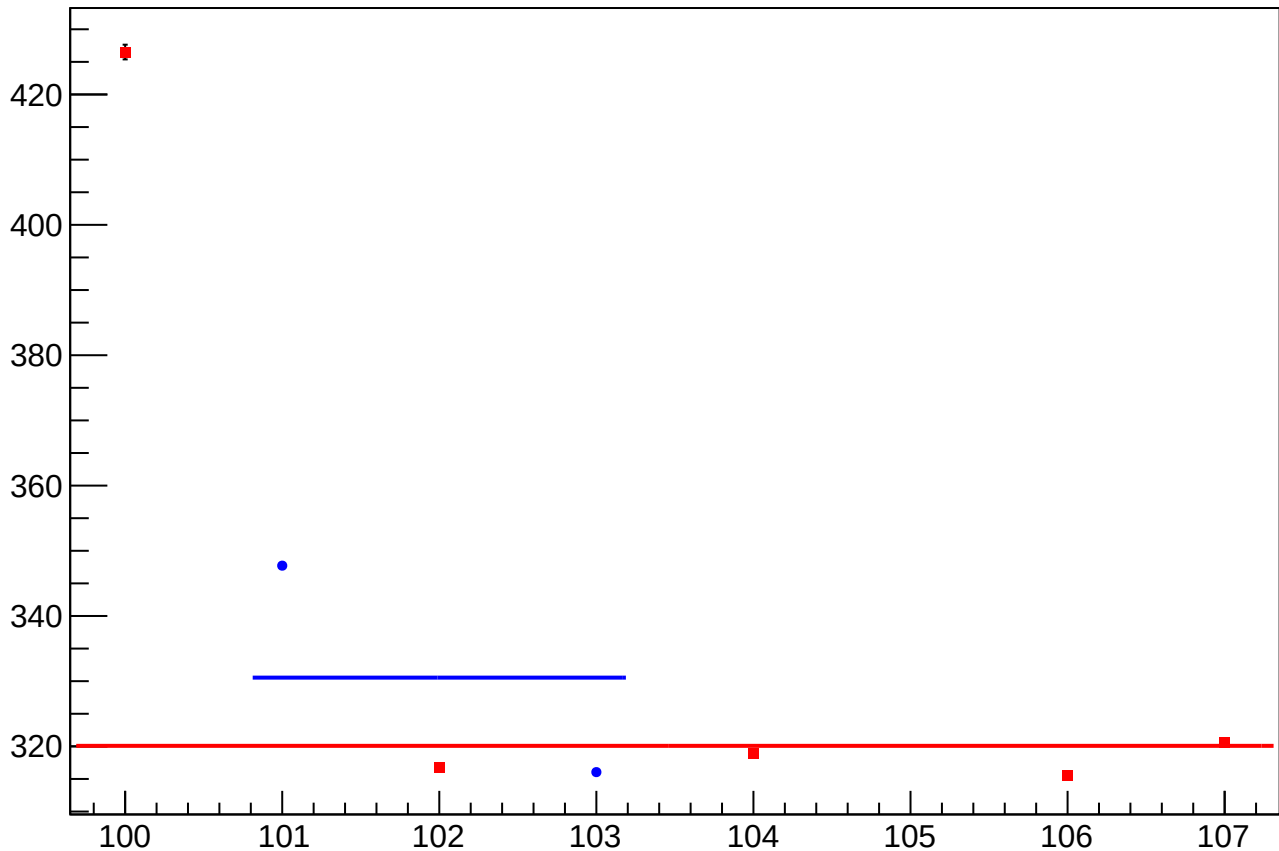
Right: 0.026 $\pm$ 0.187 χ^2 /NDF: 5.3/6

In: 0.228 $\pm$ 0.299 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.026 $\pm$ 0.187 χ^2 /NDF: 5.3/6

diff_bpm_4eX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 330.544+/-0.212 χ^2/NDF : 5565.1/1

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

Right Out: 320.079+/-0.169 χ^2/NDF : 9148.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

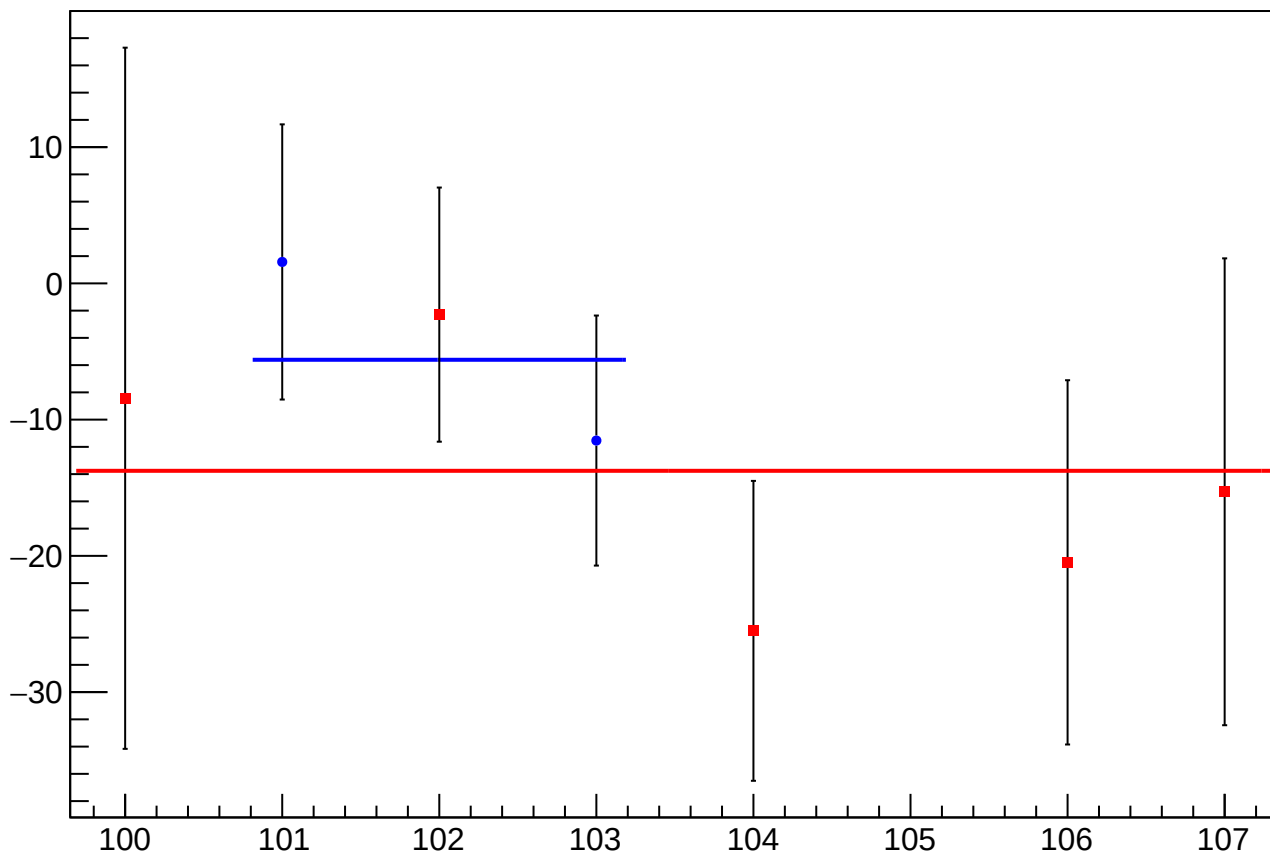
Right: 324.148+/-0.132 χ^2/NDF : 16209.7/6

In: 330.544+/-0.212 χ^2/NDF : 5565.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 324.148+/-0.132 χ^2/NDF : 16209.7/6

diff_bpm_4aY_4acY_avg_mean vs Slug, Sign Corrected



Right In: -5.608+/-6.792 χ^2/NDF : 0.9/1

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

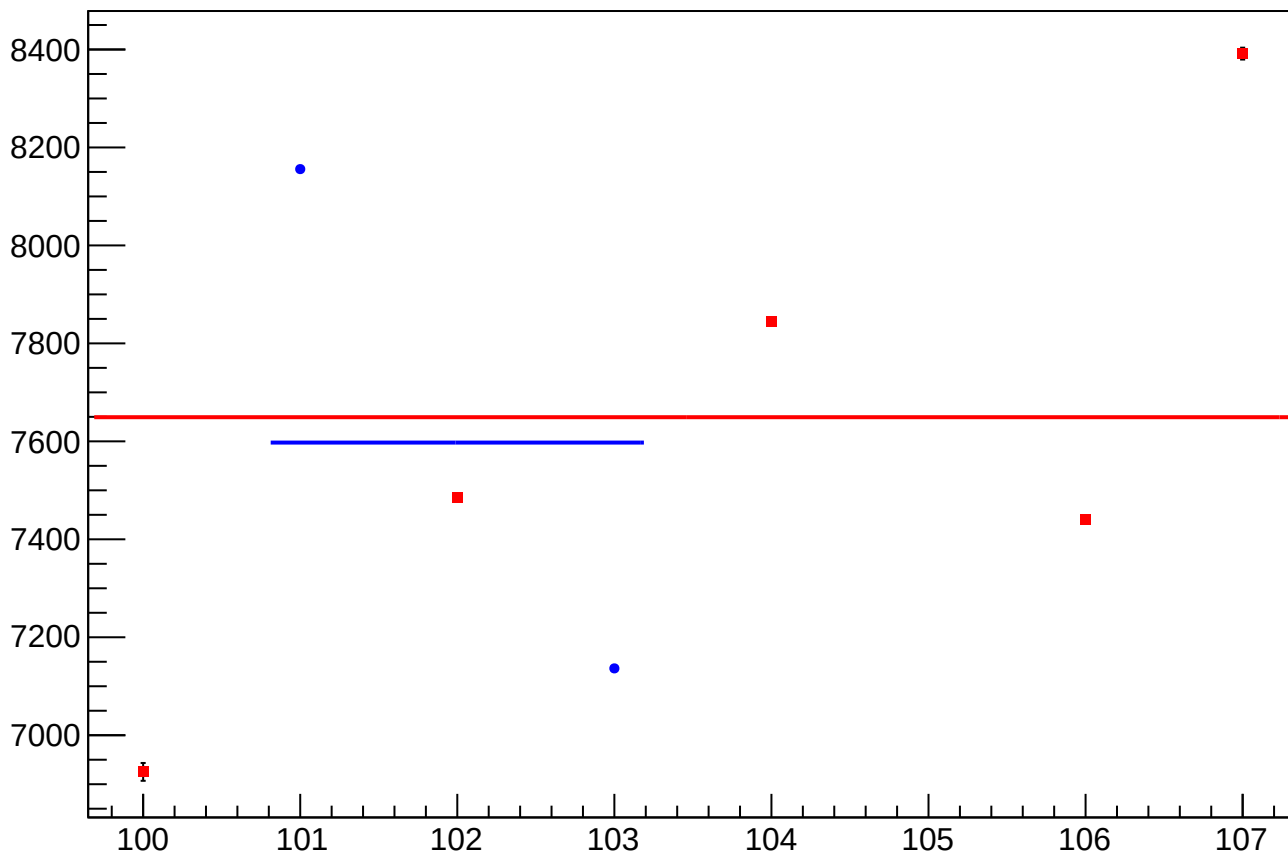
Right: -10.356+/-4.388 χ^2/NDF : 4.7/6

In: -5.608+/-6.792 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.356+/-4.388 χ^2/NDF : 4.7/6

diff_bpm_4aY_4acY_avg_rms vs Slug, Sign Corrected



Right In: 7597.493+/-4.802 χ^2/NDF : 11160.1/1

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

Right Out: 7649.281+/-4.065 χ^2/NDF : 7067.7/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

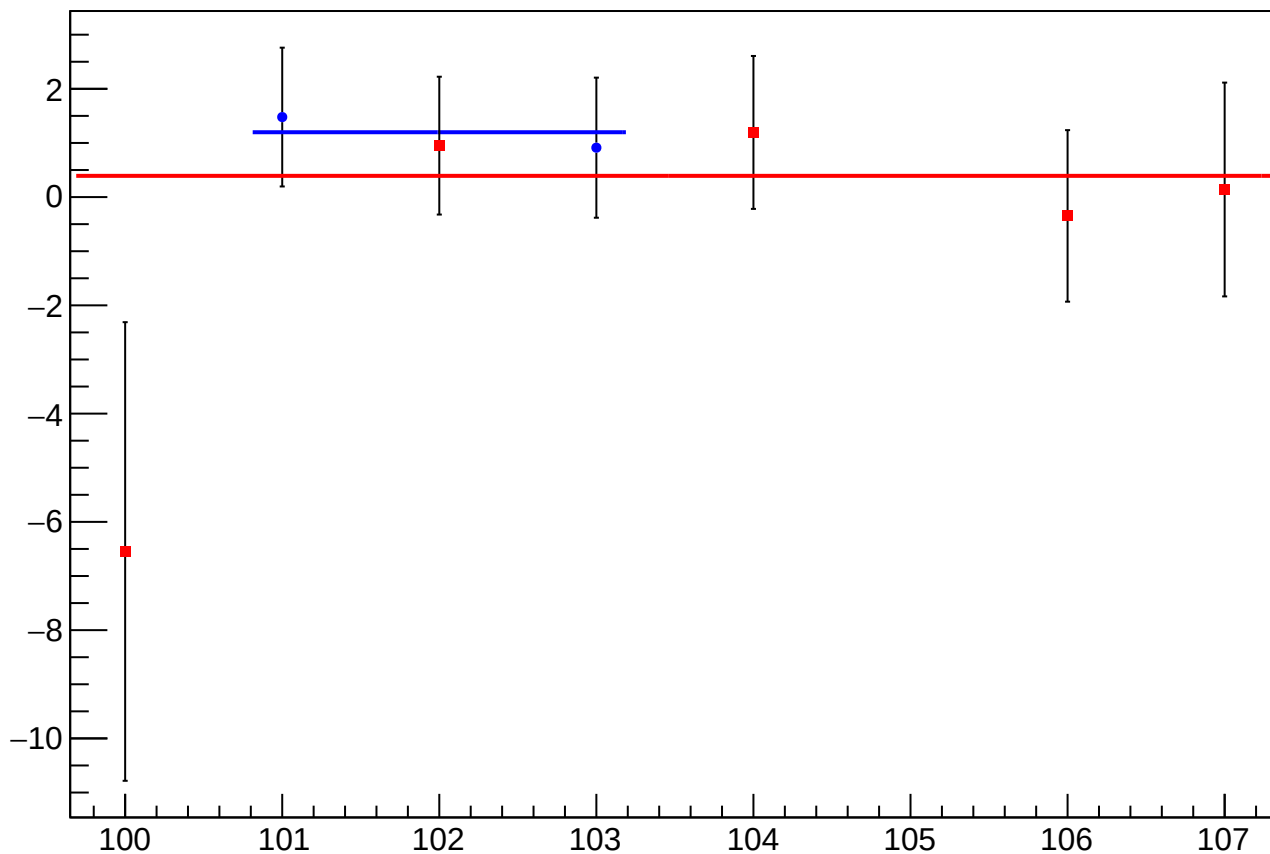
Right: 7627.666+/-3.103 χ^2/NDF : 18295.6/6

In: 7597.493+/-4.802 χ^2/NDF : 11160.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7627.666+/-3.103 χ^2/NDF : 18295.6/6

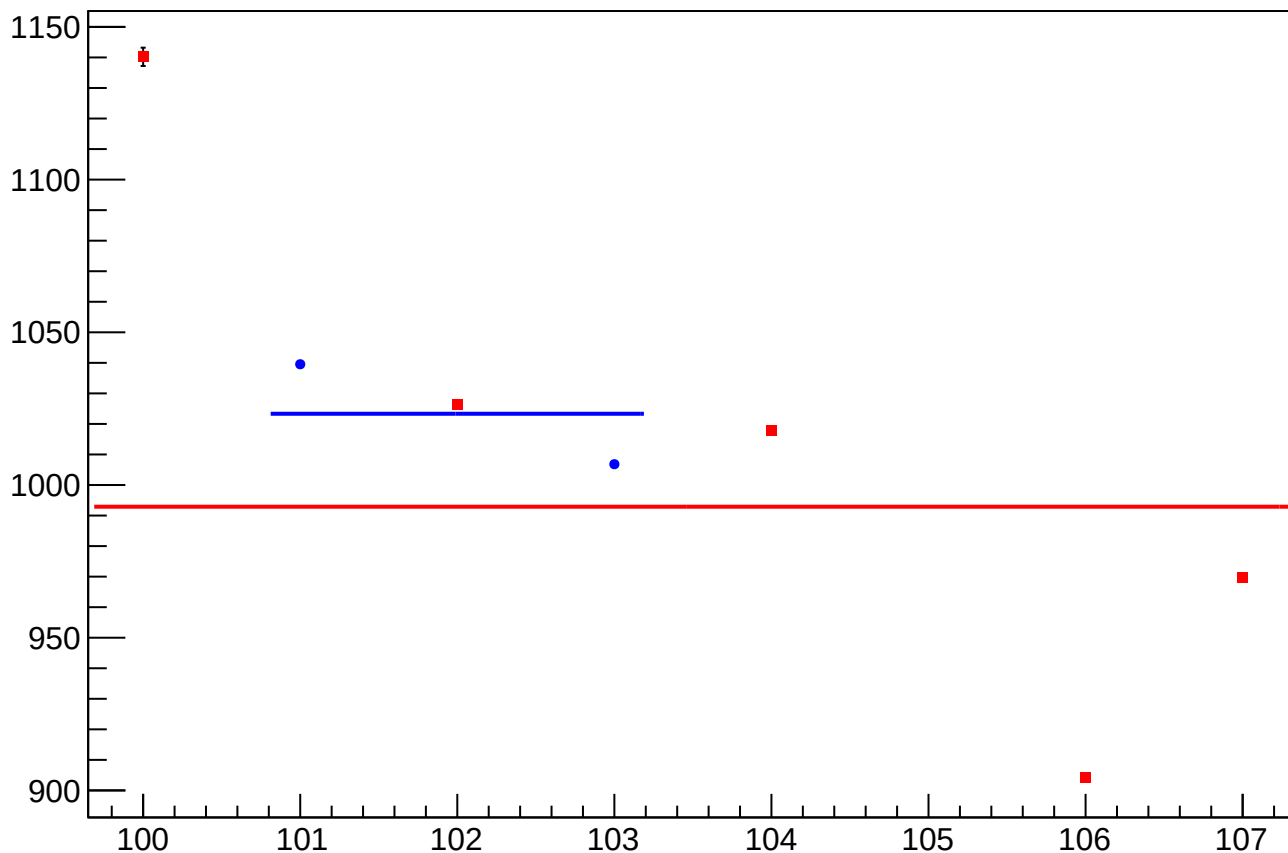
diff_bpm_4aY_4acY_dd_mean vs Slug, Sign Corrected



Right In: 1.198 $\pm$ 0.911 χ^2 /NDF: 0.1/1
 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: 0.712 $\pm$ 0.574 χ^2 /NDF: 4.0/6
 In: 1.198 $\pm$ 0.911 χ^2 /NDF:0.1/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.712 $\pm$ 0.574 χ^2 /NDF: 4.0/6

diff_bpm_4aY_4acY_dd_rms vs Slug, Sign Corrected



Right In: 1023.333+/-0.644 χ^2/NDF : 645.7/1

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

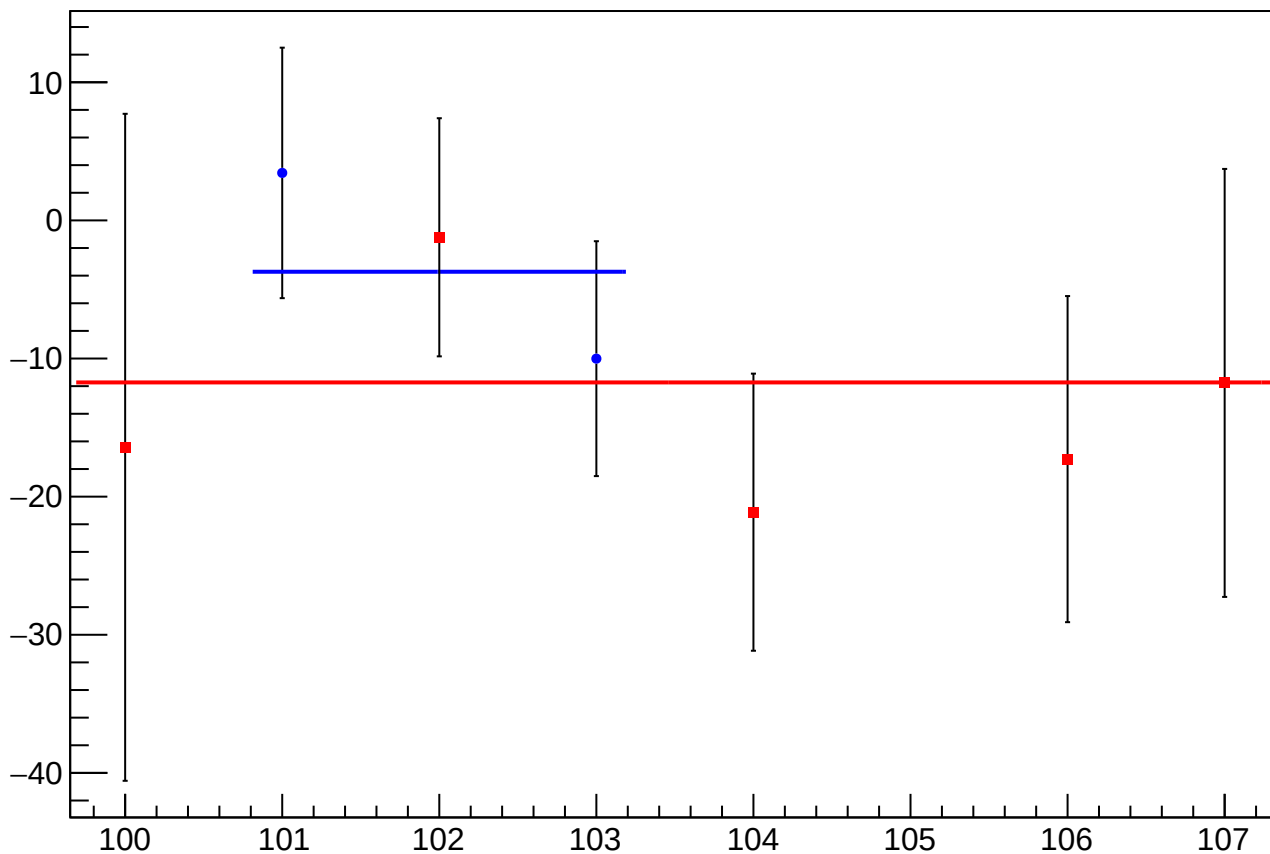
Right: 1004.990+/-0.406 χ^2/NDF : 12943.9/6

In: 1023.333+/-0.644 χ^2/NDF : 645.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1004.990+/-0.406 χ^2/NDF : 12943.9/6

diff_bpm_4aY_4eY_avg_mean vs Slug, Sign Corrected



Right In: -3.718+/-6.202 χ^2/NDF : 1.2/1

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

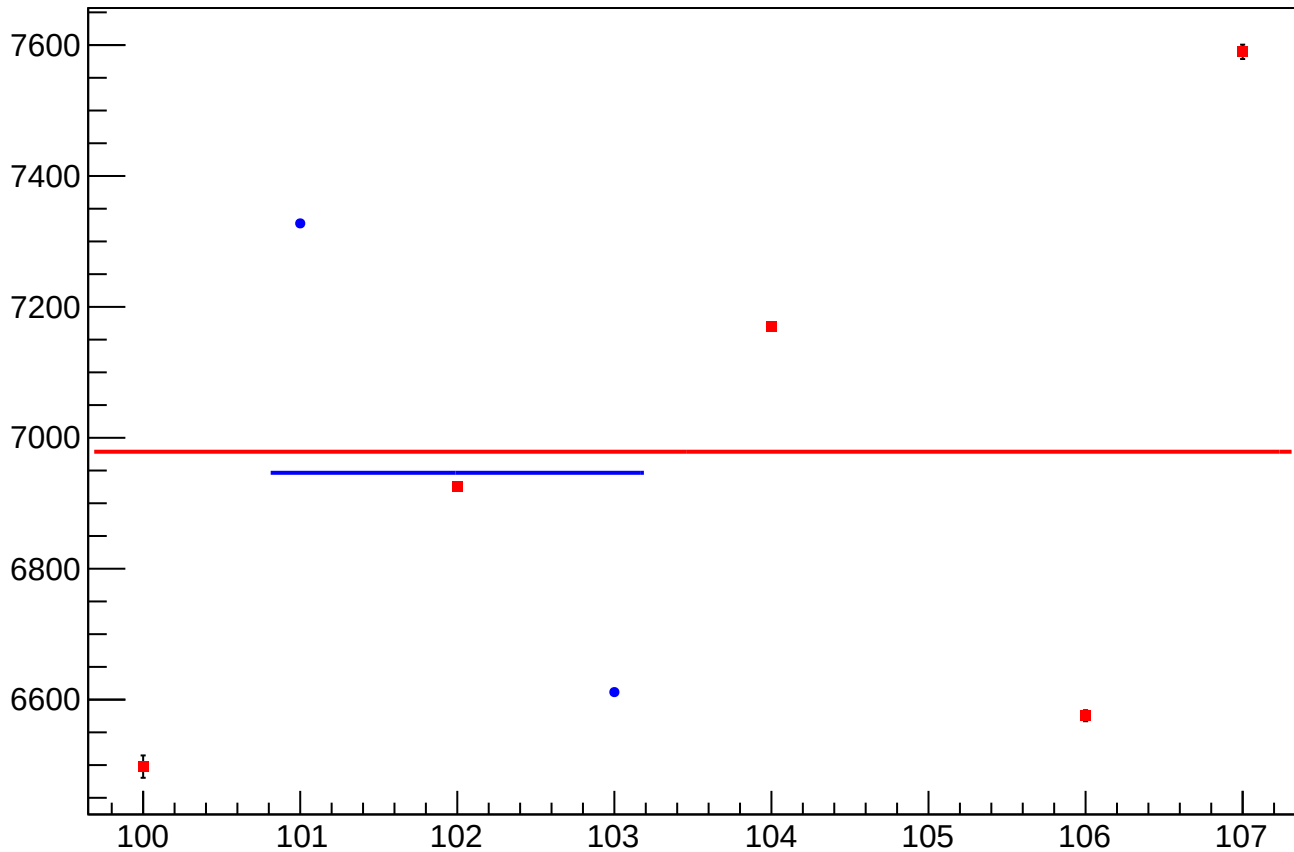
Right: -8.395+/-4.002 χ^2/NDF : 4.8/6

In: -3.718+/-6.202 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.395+/-4.002 χ^2/NDF : 4.8/6

diff_bpm_4aY_4eY_avg_rms vs Slug, Sign Corrected



Right In: 6946.549+/-4.386 χ^2/NDF : 6637.3/1

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

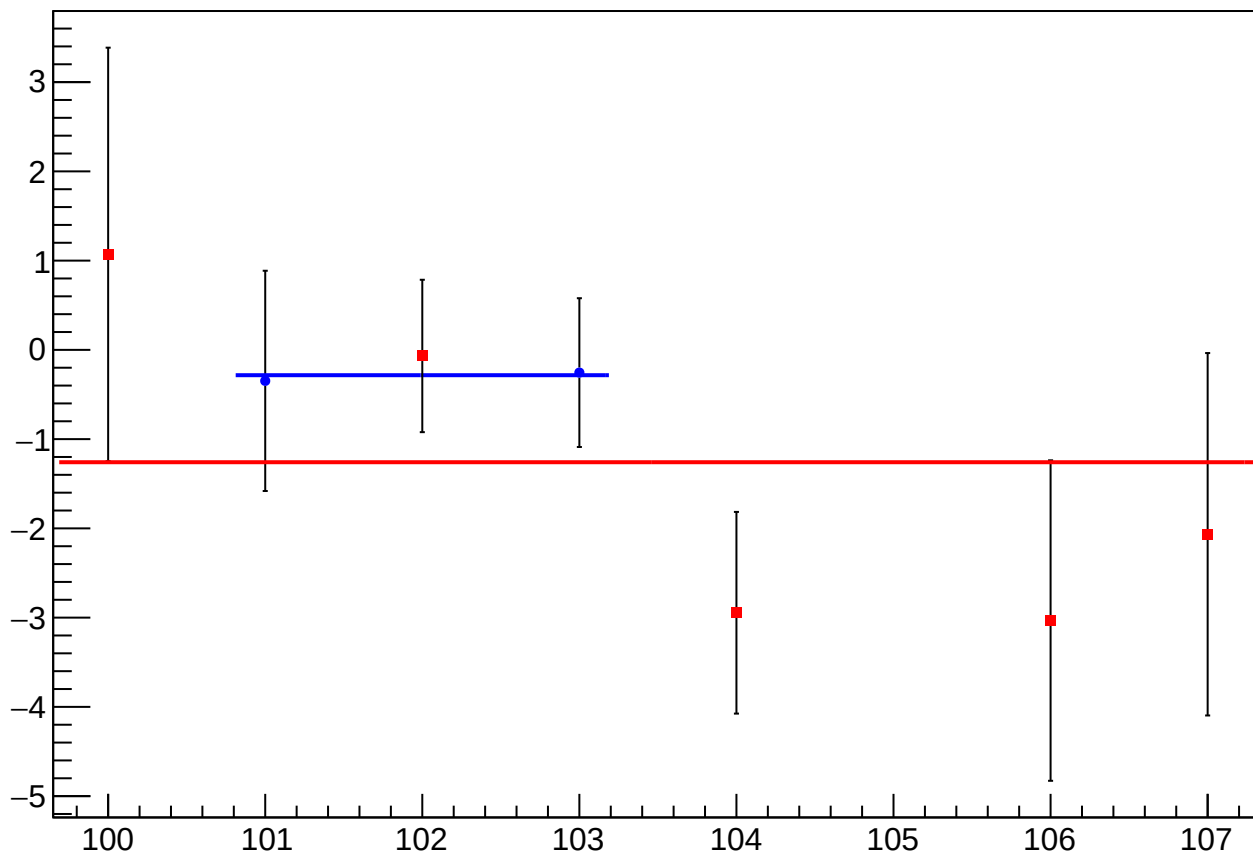
Right: 6965.337+/-2.830 χ^2/NDF : 13706.4/6

In: 6946.549+/-4.386 χ^2/NDF : 6637.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6965.337+/-2.830 χ^2/NDF : 13706.4/6

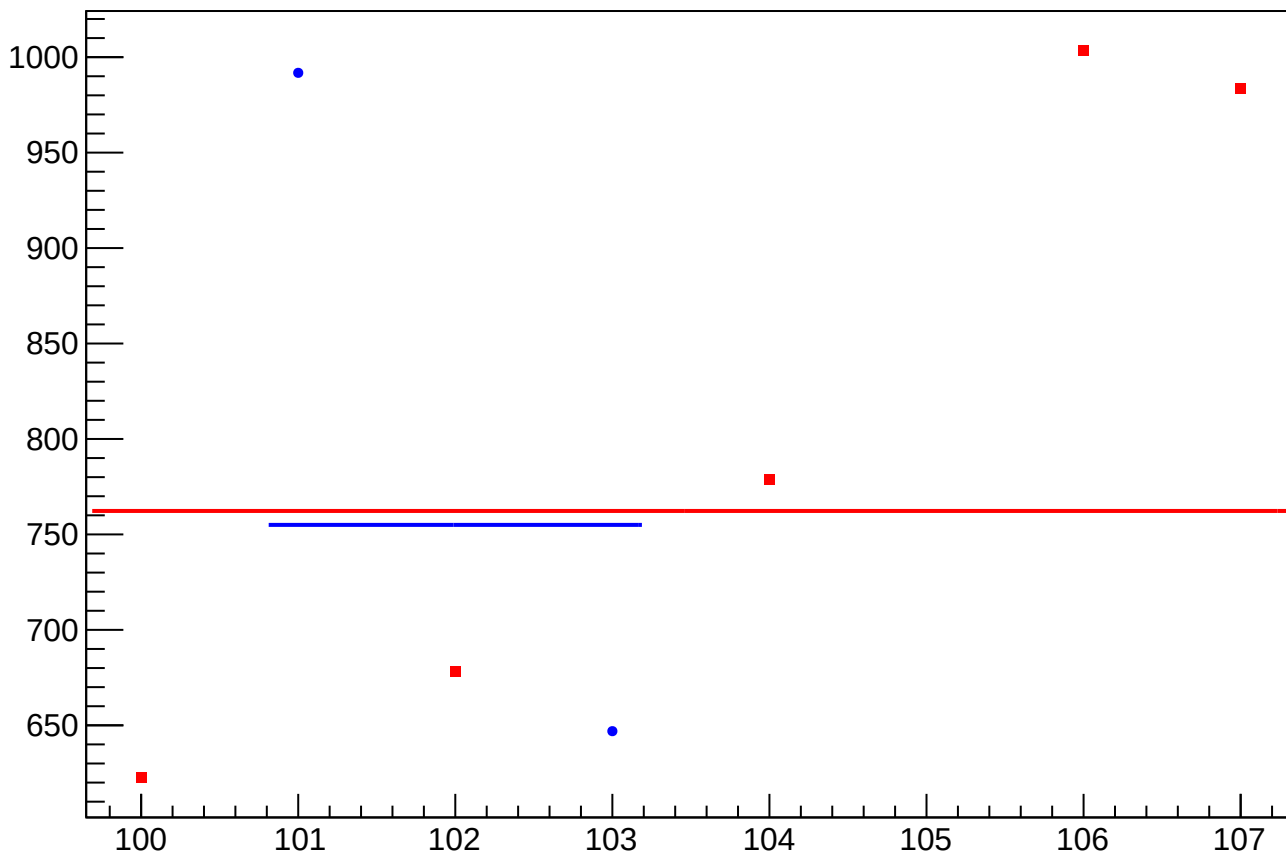
diff_bpm_4aY_4eY_dd_mean vs Slug, Sign Corrected



Right In: -0.284 $\pm$ 0.691 χ^2 /NDF: 0.0/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -1.259 $\pm$ 0.588 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: -0.849 $\pm$ 0.448 χ^2 /NDF: 7.5/6
 In: -0.284 $\pm$ 0.691 χ^2 /NDF:0.0/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.849 $\pm$ 0.448 χ^2 /NDF: 7.5/6

diff_bpm_4aY_4eY_dd_rms vs Slug, Sign Corrected



Right In: 754.992 $\pm$ 0.488 χ^2 /NDF: 107278.8/1

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

Right Out: 762.291 $\pm$ 0.416 χ^2 /NDF: 87080.5/4

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

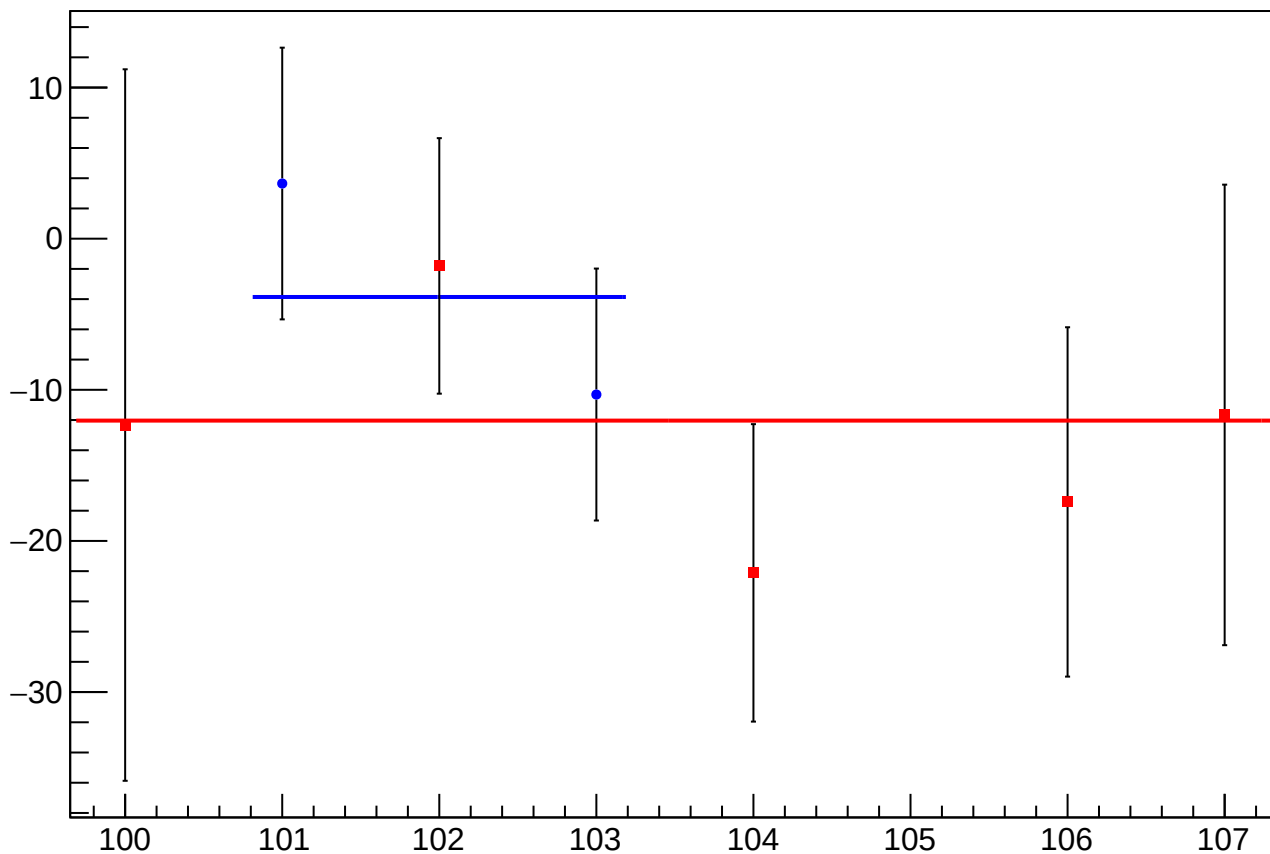
Right: 759.225 $\pm$ 0.317 χ^2 /NDF: 194488.8/6

In: 754.992 $\pm$ 0.488 χ^2 /NDF:107278.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 759.225 $\pm$ 0.317 χ^2 /NDF: 194488.8/6

diff_bpm_4aY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: -3.858+/-6.112 χ^2/NDF : 1.3/1

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

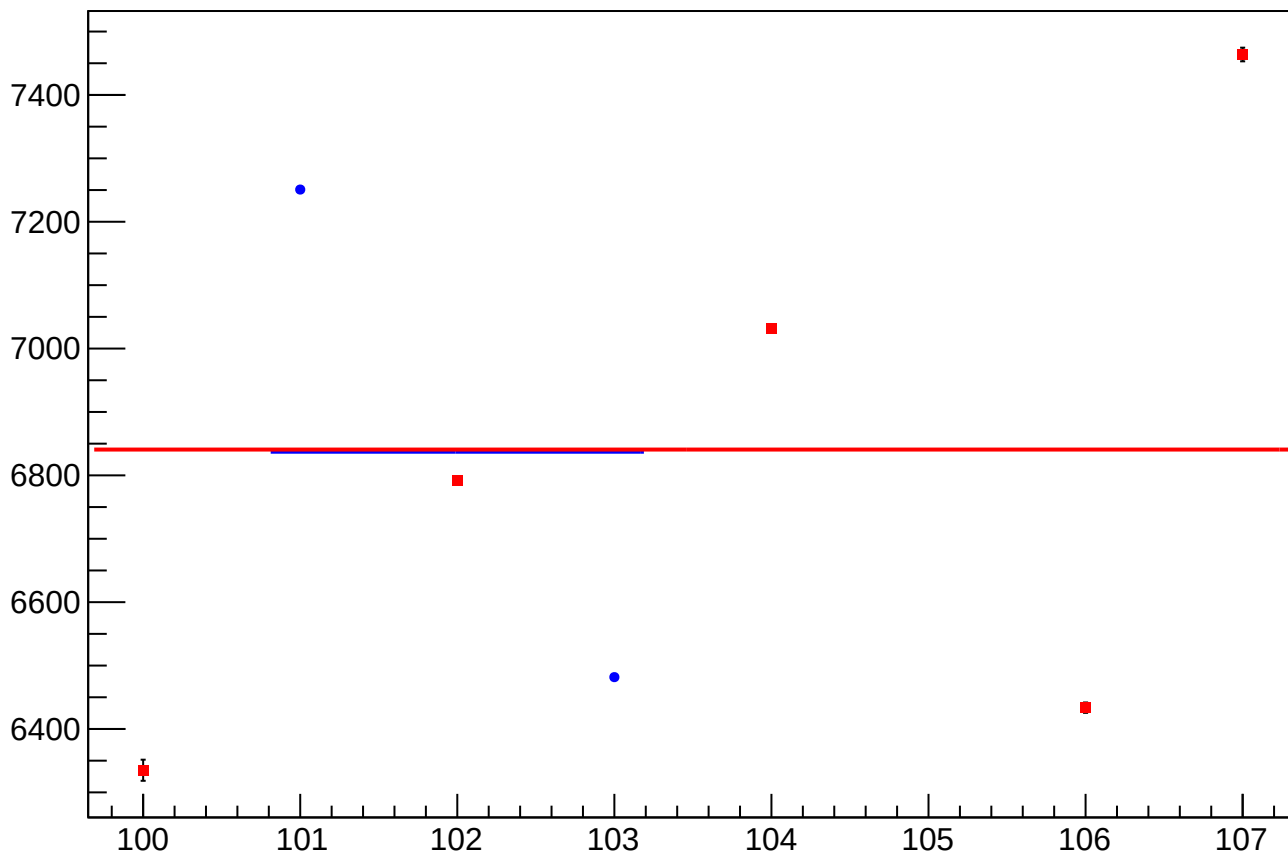
Right: -8.653+/-3.932 χ^2/NDF : 5.1/6

In: -3.858+/-6.112 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.653+/-3.932 χ^2/NDF : 5.1/6

diff_bpm_4aY_4ecY_avg_rms vs Slug, Sign Corrected



Right In: 6837.303+/-4.322 χ^2/NDF : 7869.8/1

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

Right Out: 6840.701+/-3.631 χ^2/NDF : 7566.6/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

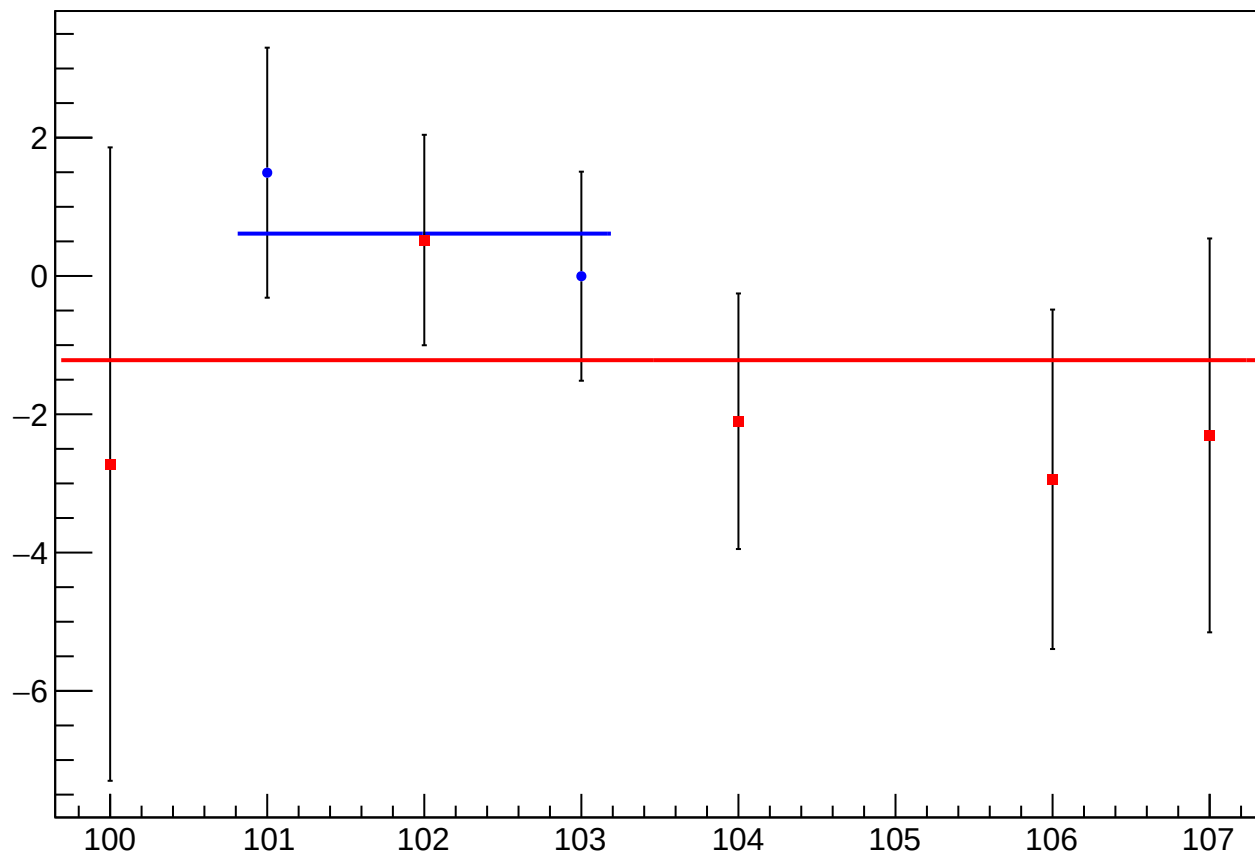
Right: 6839.295+/-2.780 χ^2/NDF : 15436.7/6

In: 6837.303+/-4.322 χ^2/NDF : 7869.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6839.295+/-2.780 χ^2/NDF : 15436.7/6

diff_bpm_4aY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 0.612 $\pm$ 1.160 χ^2 /NDF: 0.4/1

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

Right Out: -1.218 $\pm$ 0.970 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

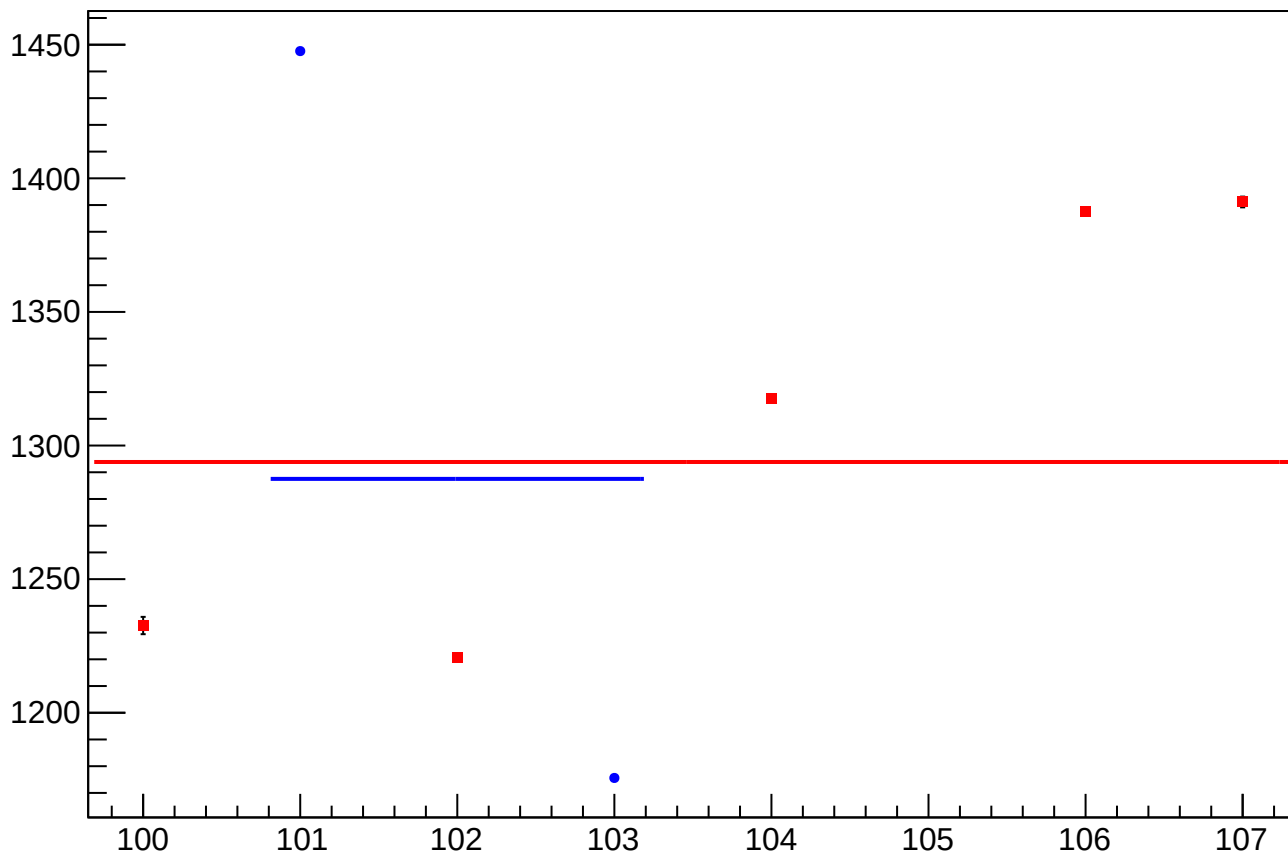
Right: -0.464 $\pm$ 0.744 χ^2 /NDF: 4.1/6

In: 0.612 $\pm$ 1.160 χ^2 /NDF: 0.4/1

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

All: -0.464 $\pm$ 0.744 χ^2 /NDF: 4.1/6

diff_bpm_4aY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 1287.522+/-0.820 χ^2/NDF : 26648.2/1

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

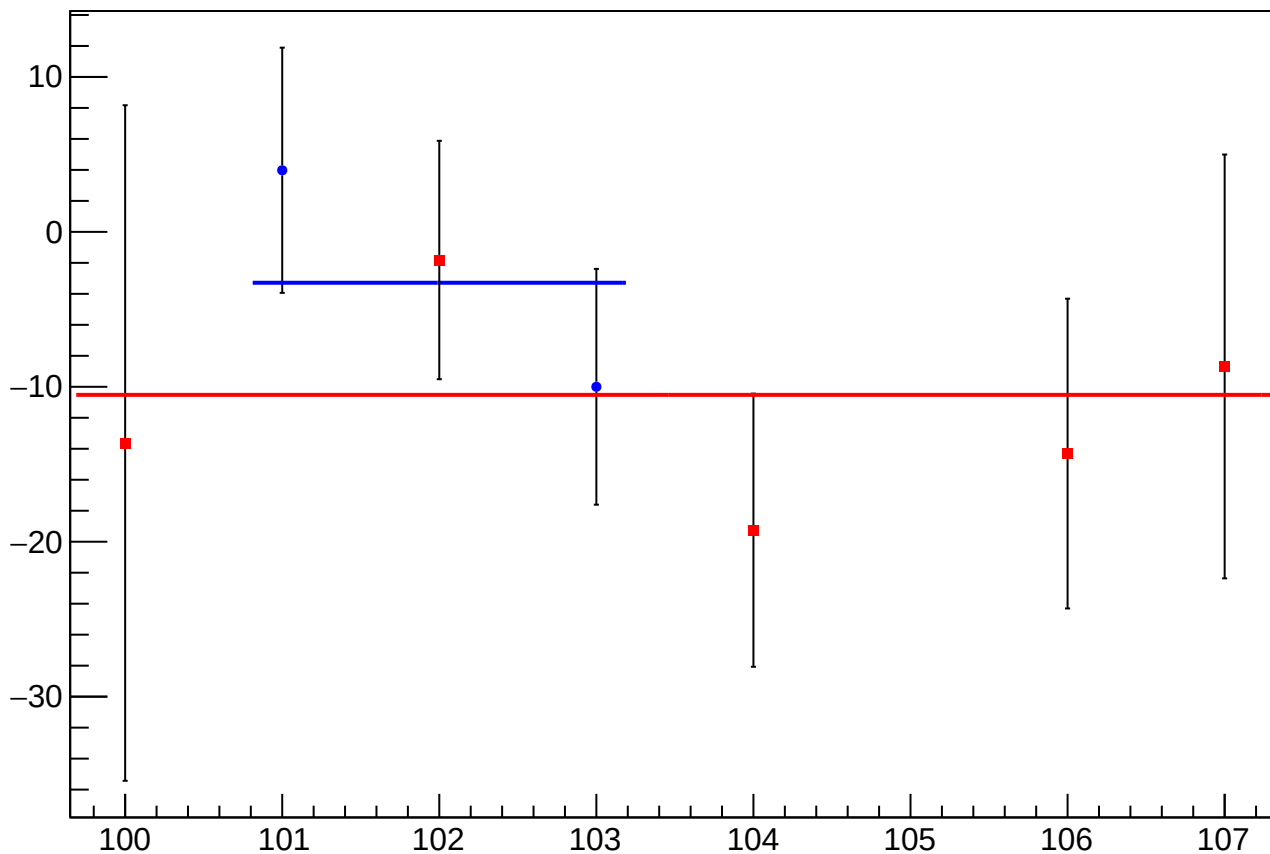
Right: 1291.241+/-0.526 χ^2/NDF : 37209.4/6

In: 1287.522+/-0.820 χ^2/NDF : 26648.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.241+/-0.526 χ^2/NDF : 37209.4/6

diff_bpm_4eY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: -3.284+/-5.485 χ^2 /NDF: 1.6/1

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

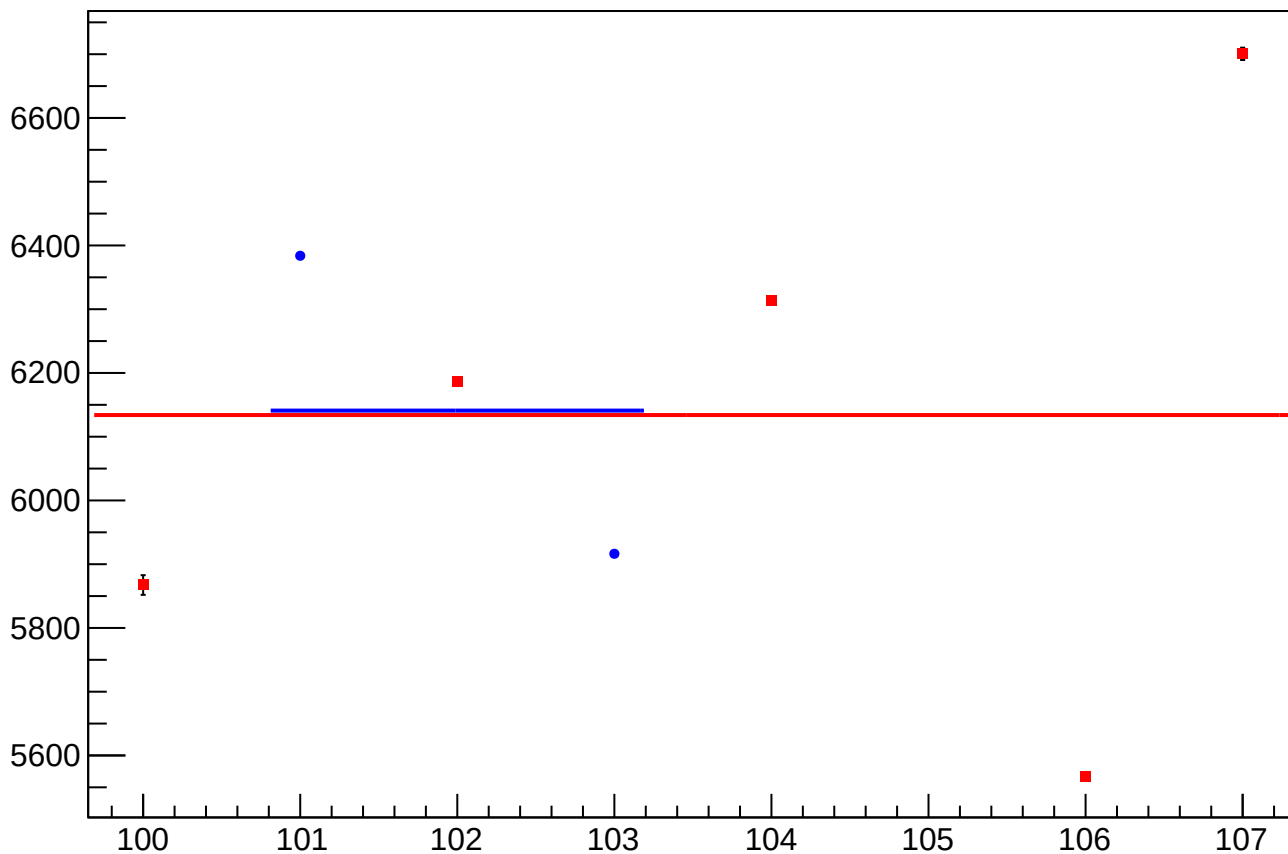
Right: -7.531+/-3.526 χ^2 /NDF: 5.1/6

In: -3.284+/-5.485 χ^2 /NDF:1.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -7.531+/-3.526 χ^2 /NDF: 5.1/6

diff_bpm_4eY_4ecY_avg_rms vs Slug, Sign Corrected



Right In: 6140.958+/-3.879 χ^2/NDF : 3625.8/1

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

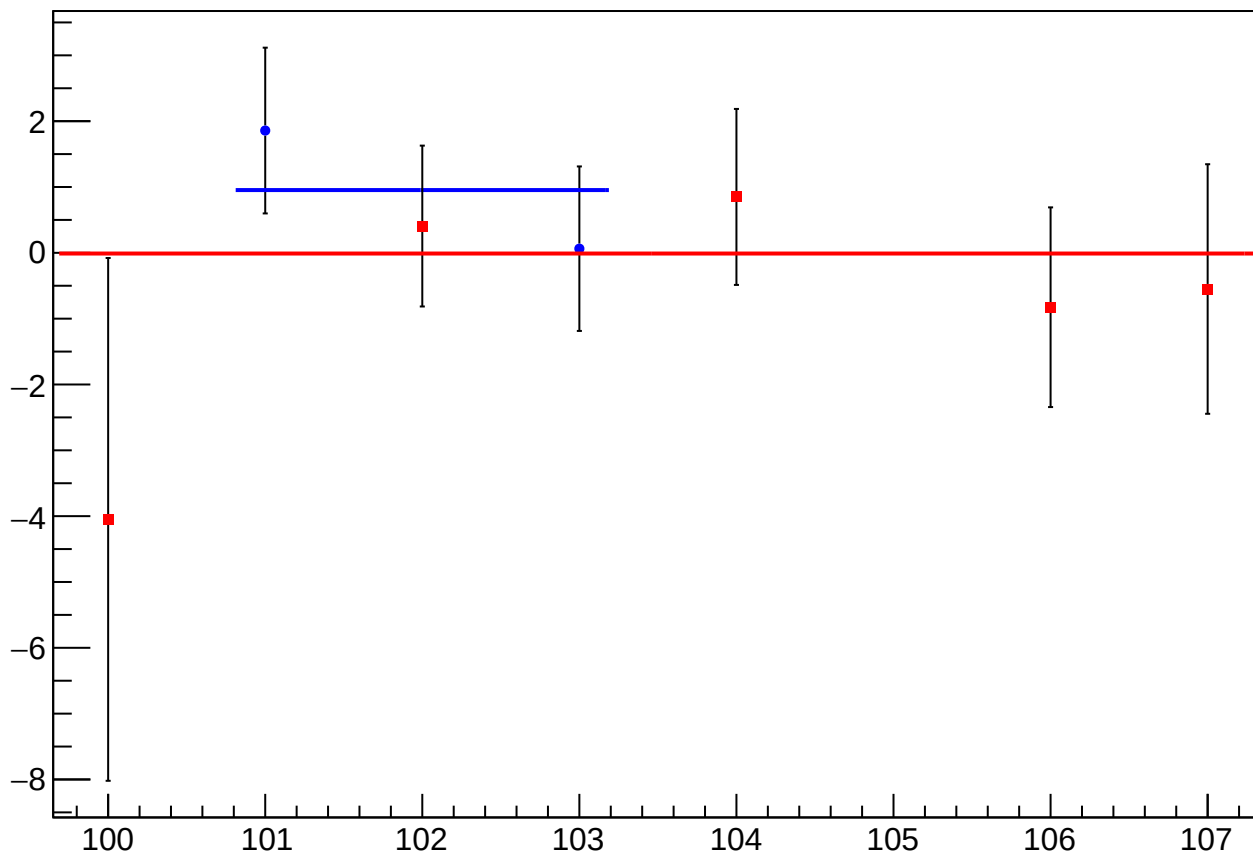
Right: 6136.859+/-2.493 χ^2/NDF : 14709.8/6

In: 6140.958+/-3.879 χ^2/NDF : 3625.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6136.859+/-2.493 χ^2/NDF : 14709.8/6

diff_bpm_4eY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 0.953 $\pm$ 0.887 χ^2 /NDF: 1.0/1

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

Right Out: -0.011 $\pm$ 0.706 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

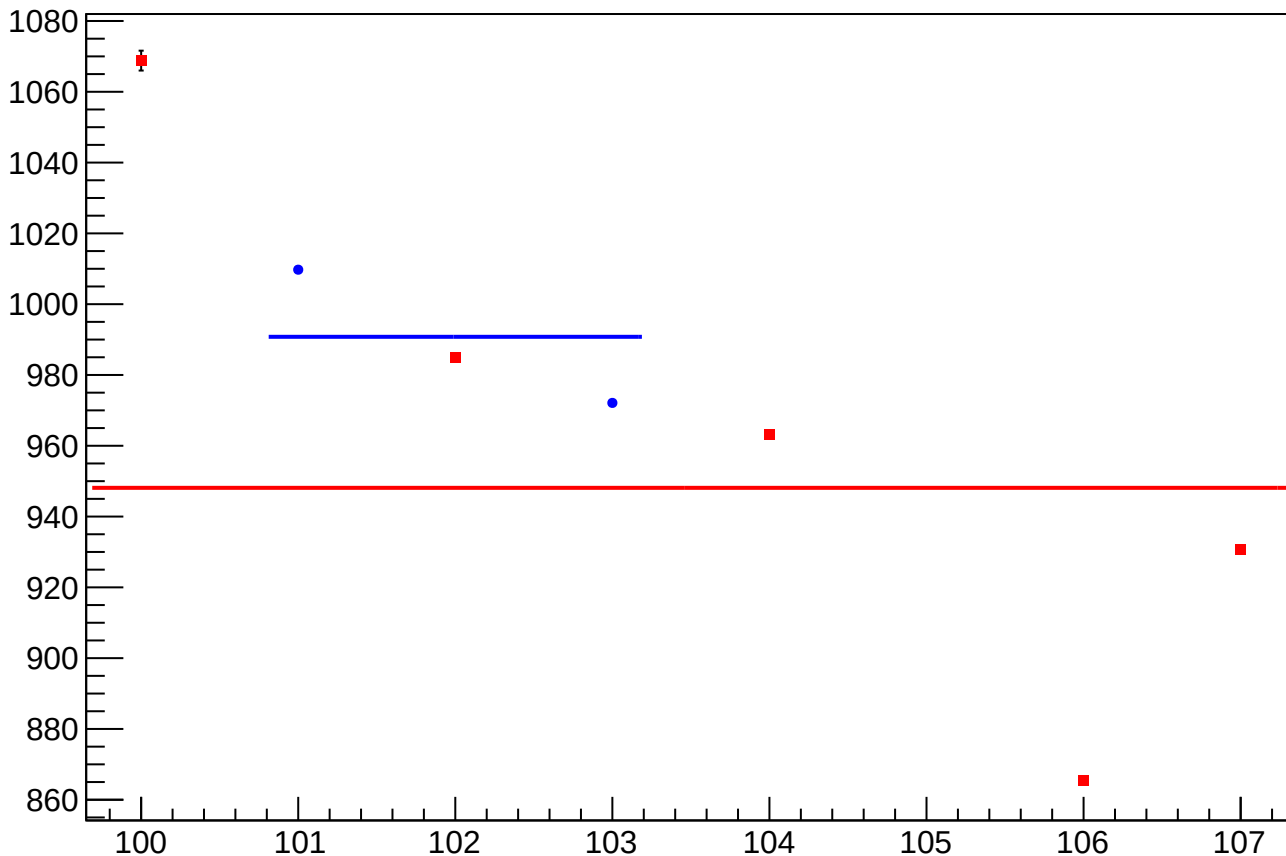
Right: 0.363 $\pm$ 0.552 χ^2 /NDF: 3.7/6

In: 0.953 $\pm$ 0.887 χ^2 /NDF:1.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.363 $\pm$ 0.552 χ^2 /NDF: 3.7/6

diff_bpm_4eY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 990.782 $\pm$ 0.627 χ^2 /NDF: 900.2/1

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

Right Out: 948.116 $\pm$ 0.499 χ^2 /NDF: 10012.1/4

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

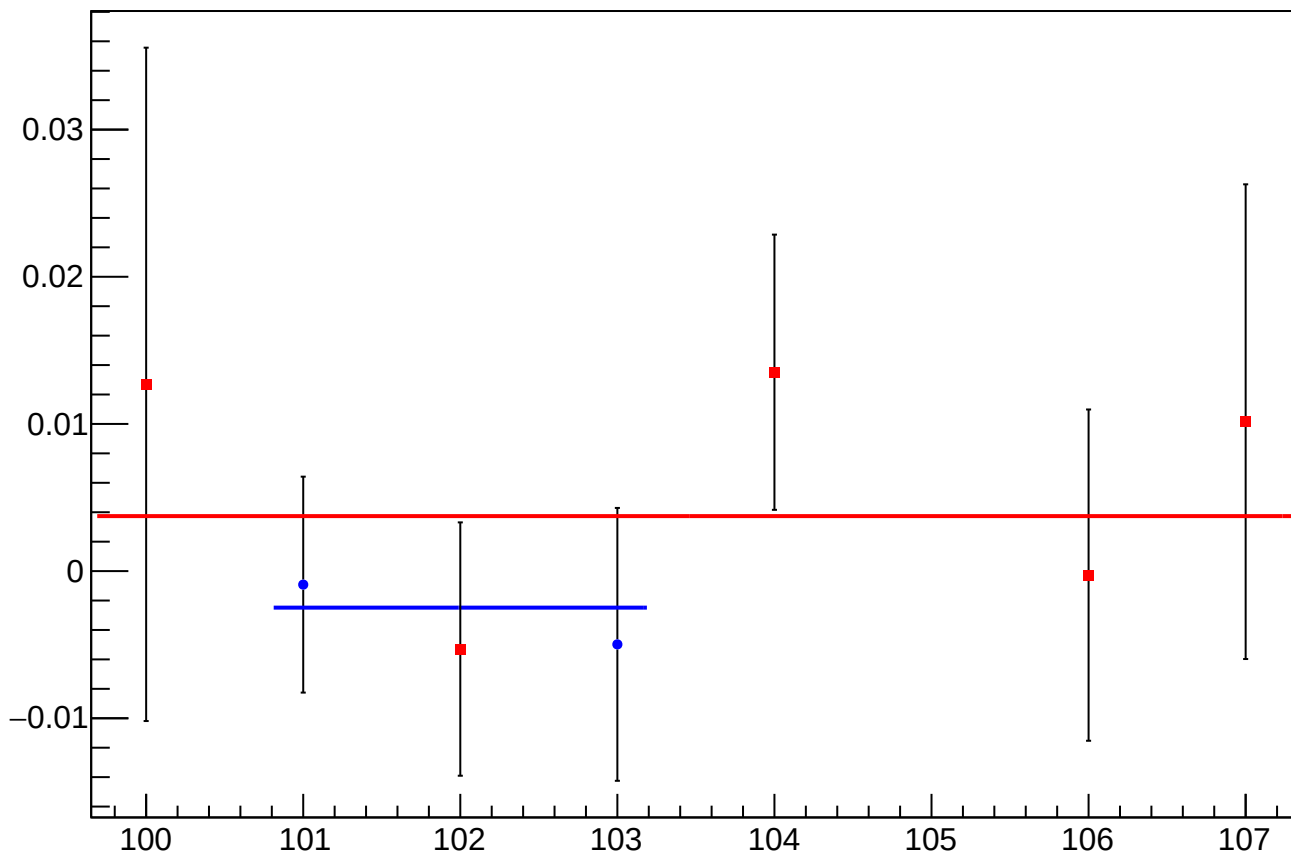
Right: 964.668 $\pm$ 0.391 χ^2 /NDF: 13745.5/6

In: 990.782 $\pm$ 0.627 χ^2 /NDF:900.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 964.668 $\pm$ 0.391 χ^2 /NDF: 13745.5/6

diff_dispE_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.006 χ^2 /NDF: 0.1/1

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

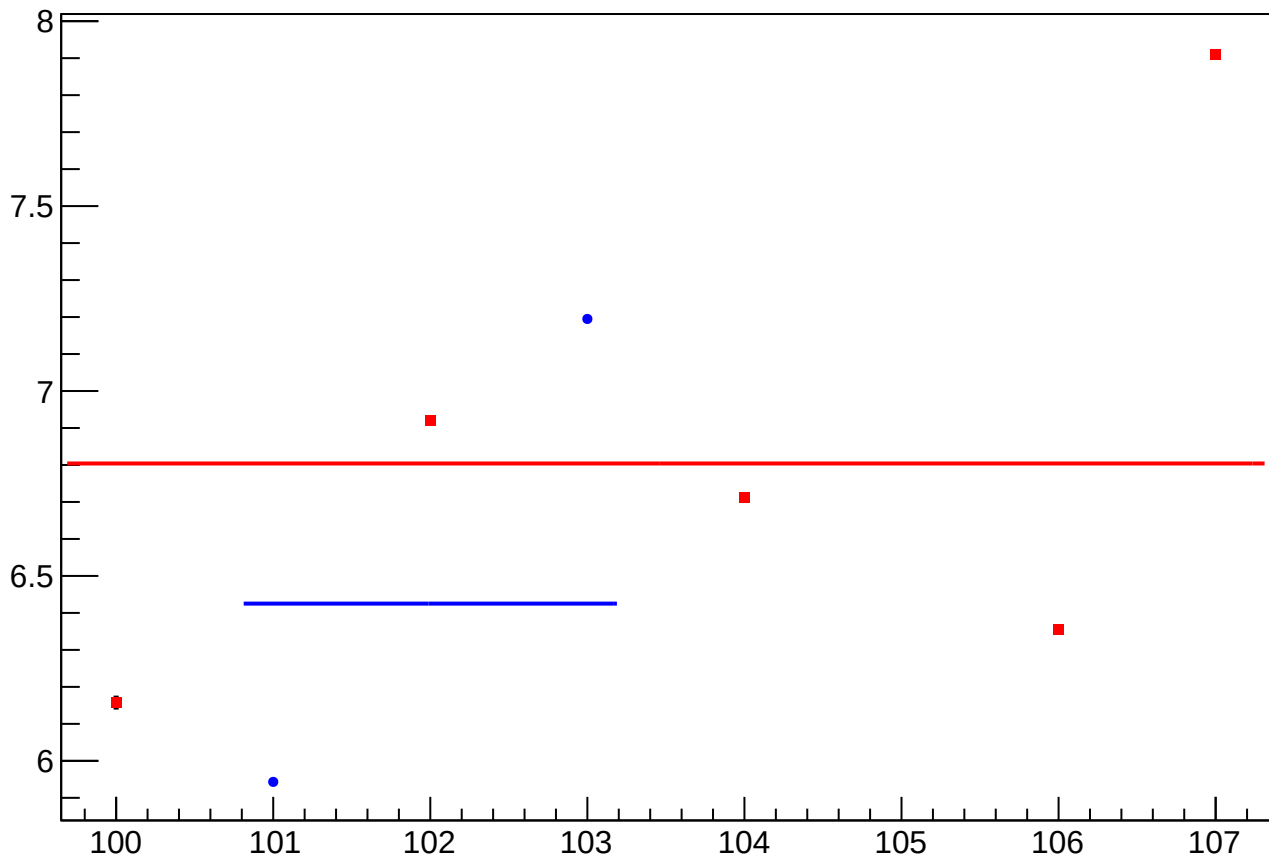
Right: 0.001 $\pm$ 0.004 χ^2 /NDF: 3.4/6

In: -0.002 $\pm$ 0.006 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.004 χ^2 /NDF: 3.4/6

diff_dispE_bpm12X_rms vs Slug, Sign Corrected



Right In: 6.425+/-0.004 χ^2/NDF : 22420.2/1

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

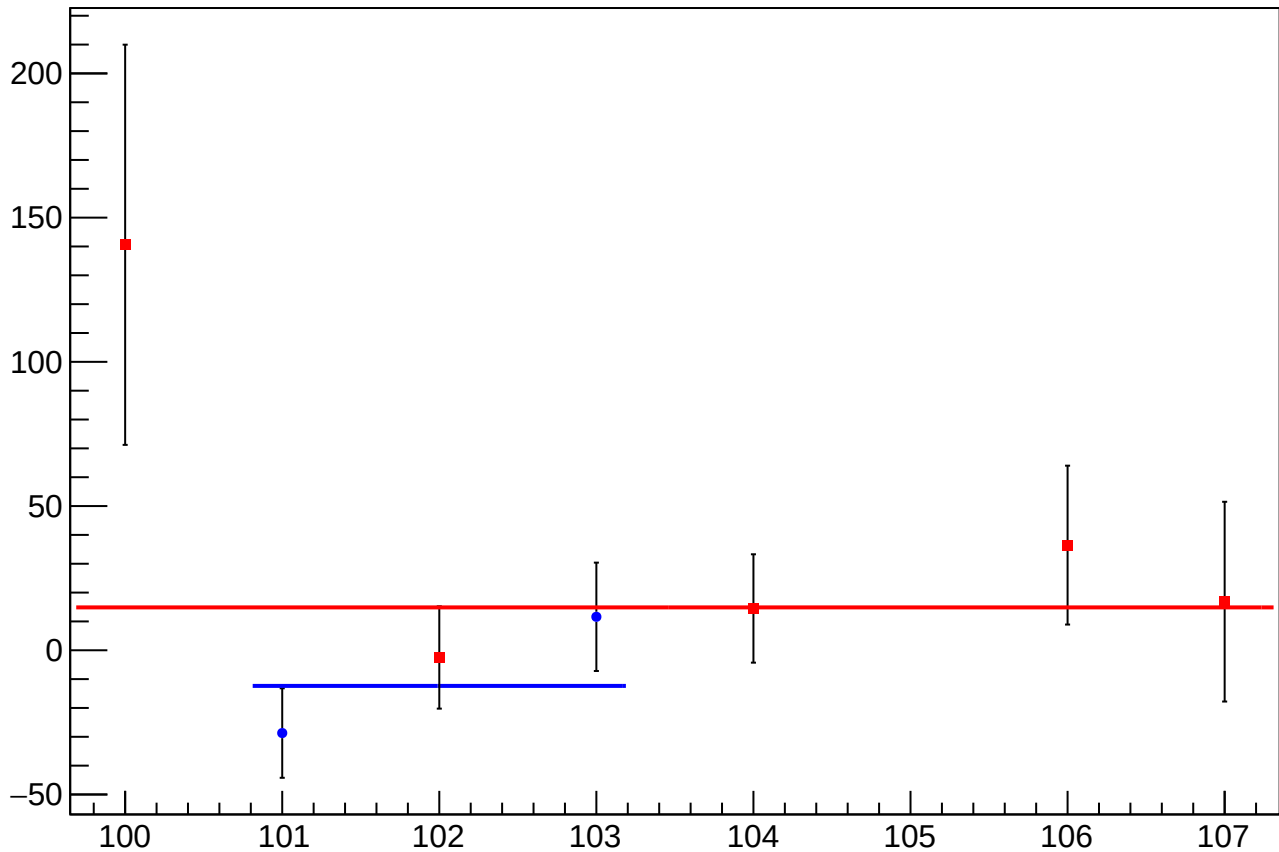
Right: 6.638+/-0.003 χ^2/NDF : 41999.1/6

In: 6.425+/-0.004 χ^2/NDF : 22420.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.638+/-0.003 χ^2/NDF : 41999.1/6

diff_targ_positionX_mean vs Slug, Sign Corrected



Right In: -12.354 $\pm$ 11.963 χ^2 /NDF: 2.7/1

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

Right Out: 14.864 $\pm$ 10.929 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

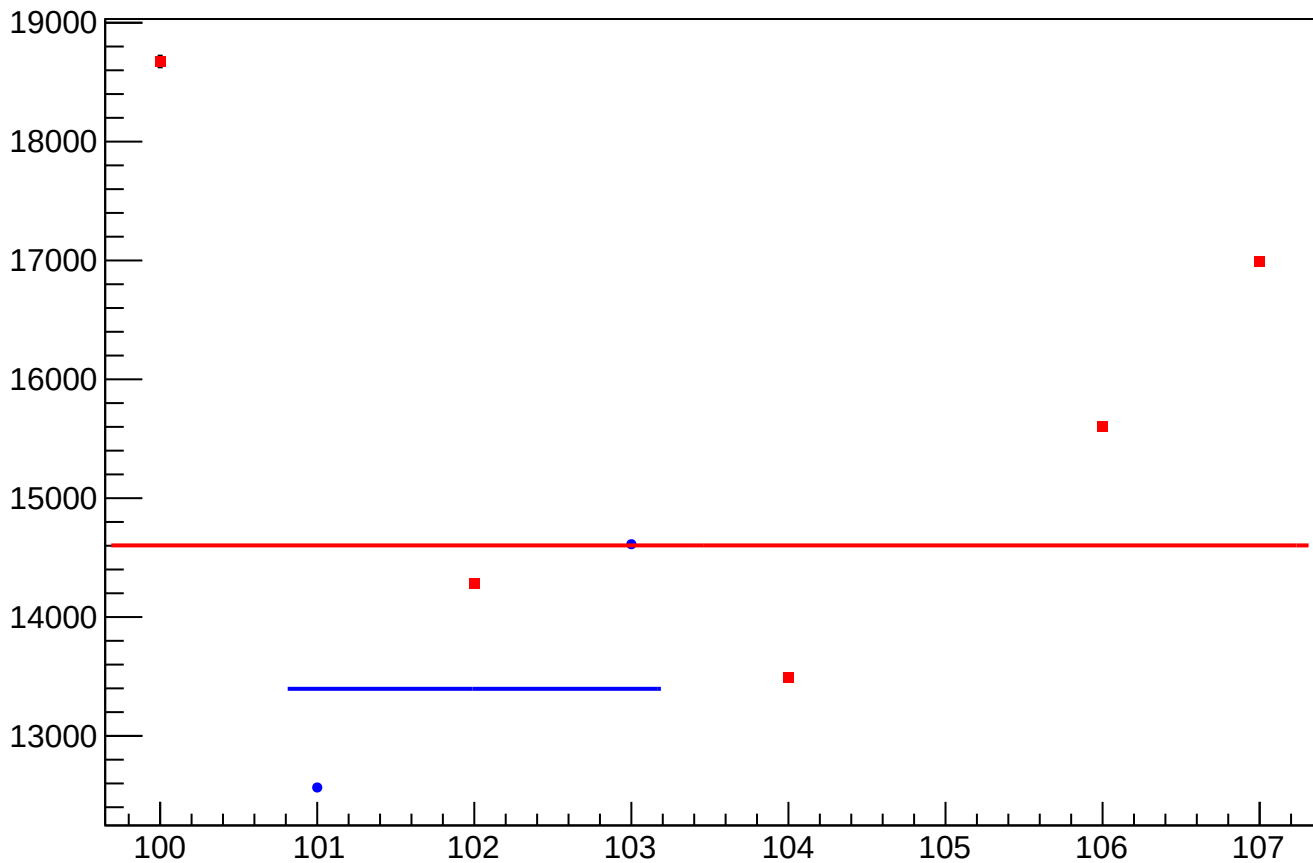
Right: 2.482 $\pm$ 8.069 χ^2 /NDF: 10.4/6

In: -12.354 $\pm$ 11.963 χ^2 /NDF:2.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.482 $\pm$ 8.069 χ^2 /NDF: 10.4/6

diff_targ_positionX_rms vs Slug, Sign Corrected



Right In: 13396.166+/-8.459 χ^2/NDF : 14114.4/1

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

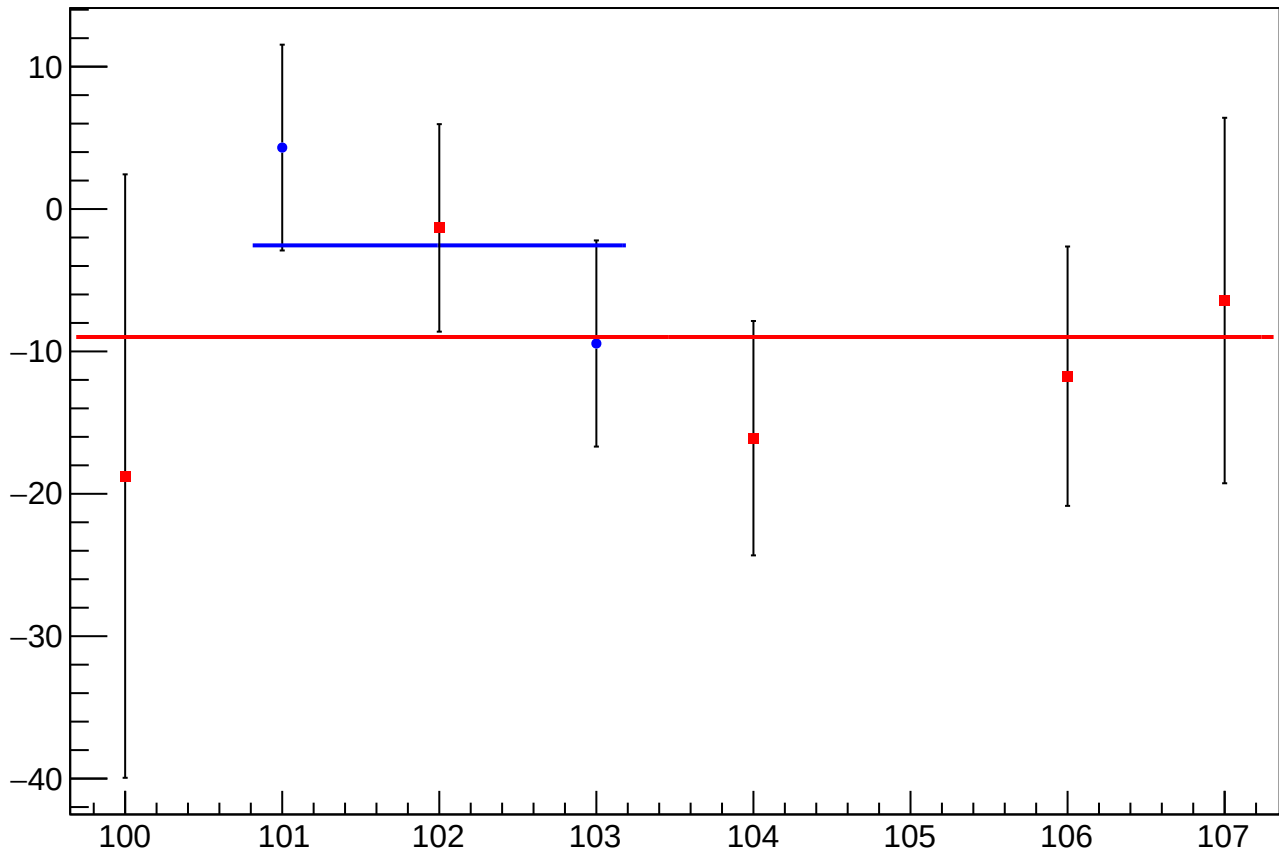
Right: 14053.845+/-5.706 χ^2/NDF : 51838.7/6

In: 13396.166+/-8.459 χ^2/NDF : 14114.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14053.845+/-5.706 χ^2/NDF : 51838.7/6

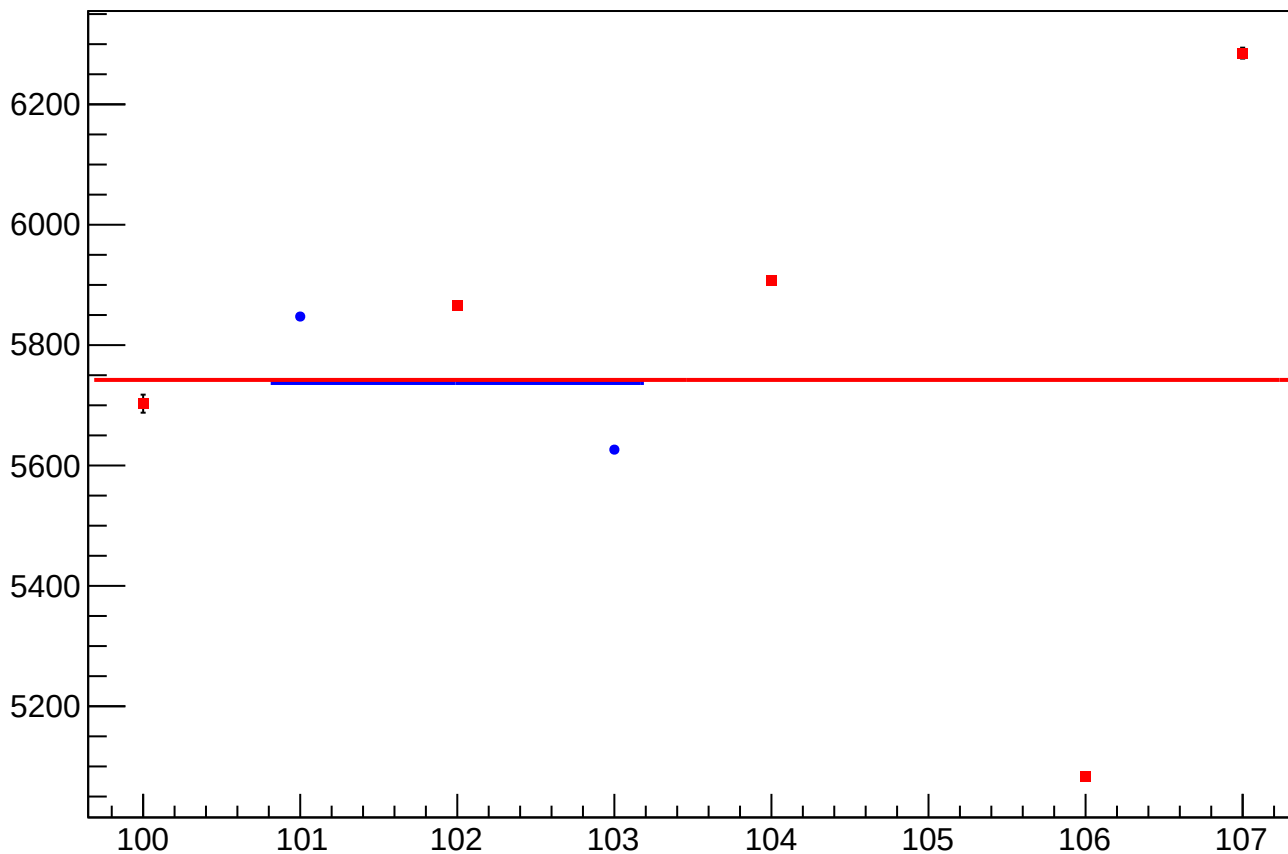
diff_targ_positionY_mean vs Slug, Sign Corrected



Right In: -2.552+/-5.115 χ^2/NDF : 1.8/1
 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: -6.318+/-3.294 χ^2/NDF : 4.9/6
 In: -2.552+/-5.115 χ^2/NDF :1.8/1
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -6.318+/-3.294 χ^2/NDF : 4.9/6

diff_targ_positionY_rms vs Slug, Sign Corrected



Right In: 5737.104+/-3.617 χ^2/NDF : 934.5/1

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

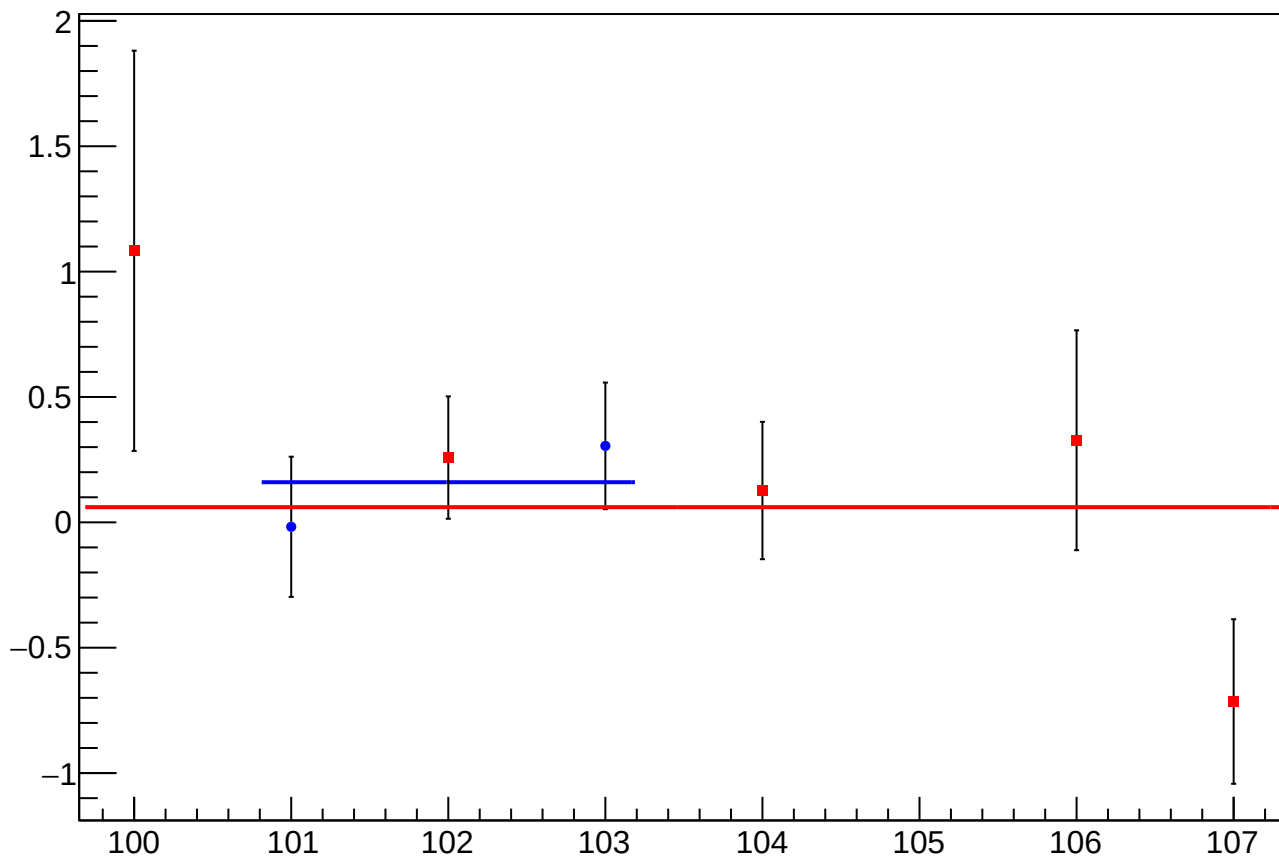
Right: 5740.074+/-2.329 χ^2/NDF : 16378.1/6

In: 5737.104+/-3.617 χ^2/NDF : 934.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5740.074+/-2.329 χ^2/NDF : 16378.1/6

diff_targ_thetaX_mean vs Slug, Sign Corrected



Right In: 0.160+/-0.187 χ^2/NDF : 0.7/1

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

Right Out: 0.061+/-0.147 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

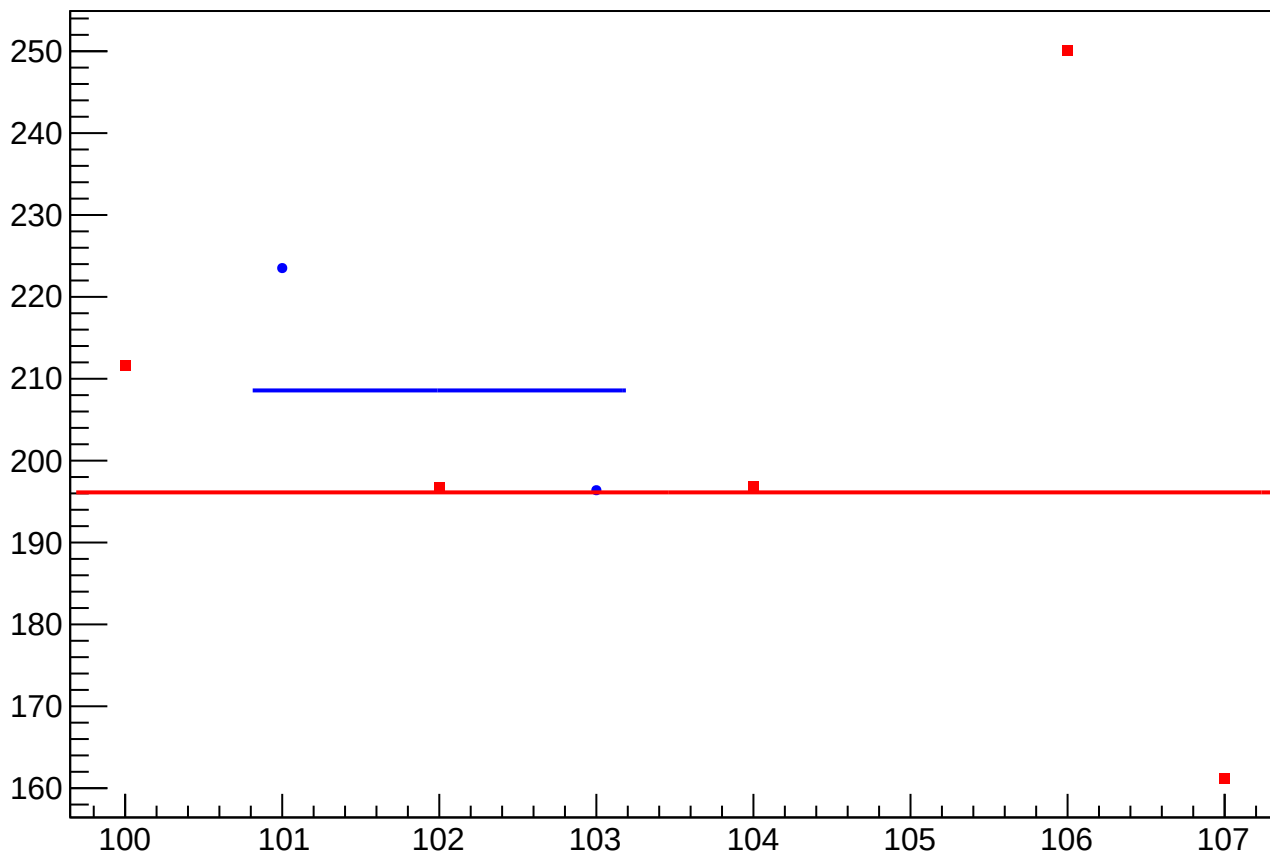
Right: 0.099+/-0.116 χ^2/NDF : 9.2/6

In: 0.160+/-0.187 χ^2/NDF : 0.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.099+/-0.116 χ^2/NDF : 9.2/6

diff_targ_thetaX_rms vs Slug, Sign Corrected



Right In: 208.575+/-0.132 χ^2/NDF : 10372.2/1

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

Right Out: 196.123+/-0.104 χ^2/NDF : 53850.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

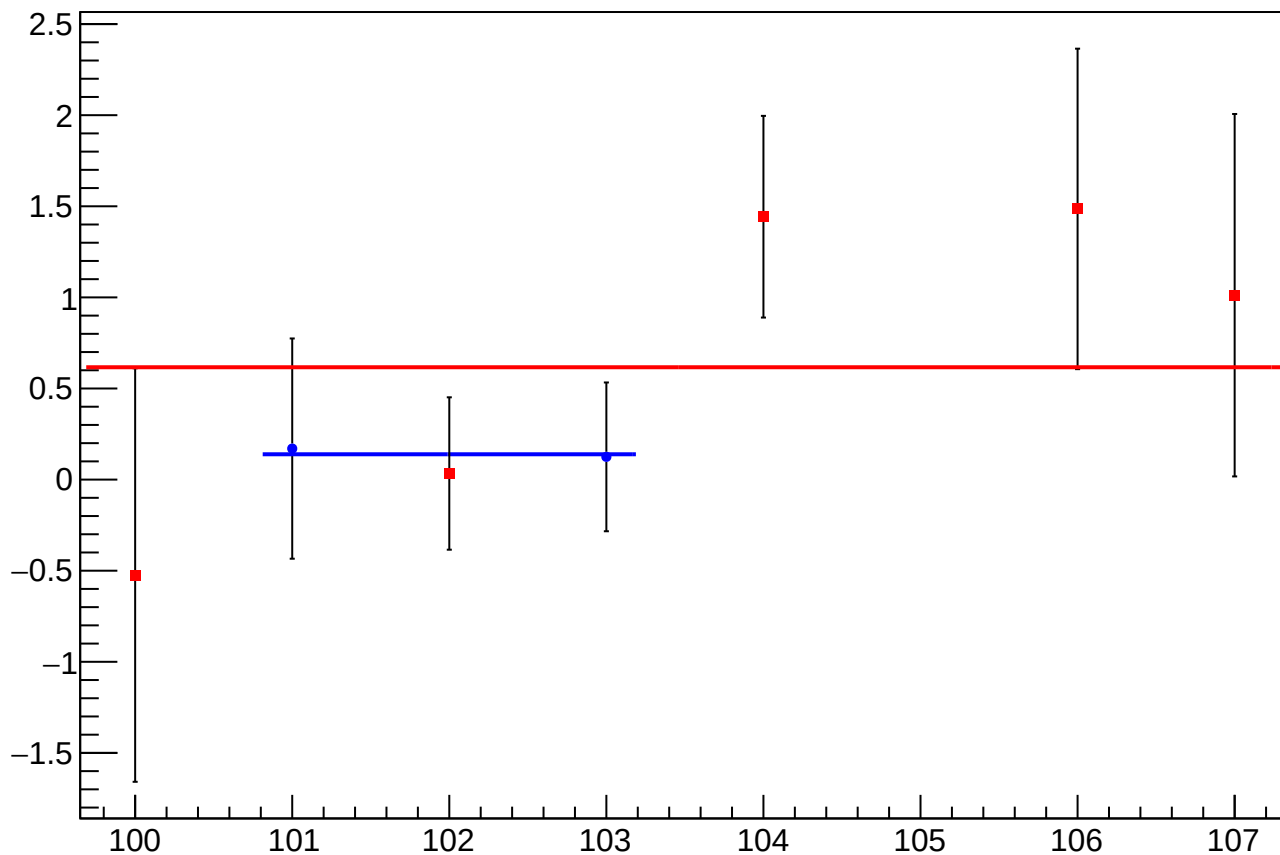
Right: 200.873+/-0.082 χ^2/NDF : 69684.9/6

In: 208.575+/-0.132 χ^2/NDF : 10372.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 200.873+/-0.082 χ^2/NDF : 69684.9/6

diff_targ_thetaY_mean vs Slug, Sign Corrected



Right In: 0.139+/-0.338 χ^2/NDF : 0.0/1

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

Right Out: 0.617+/-0.288 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

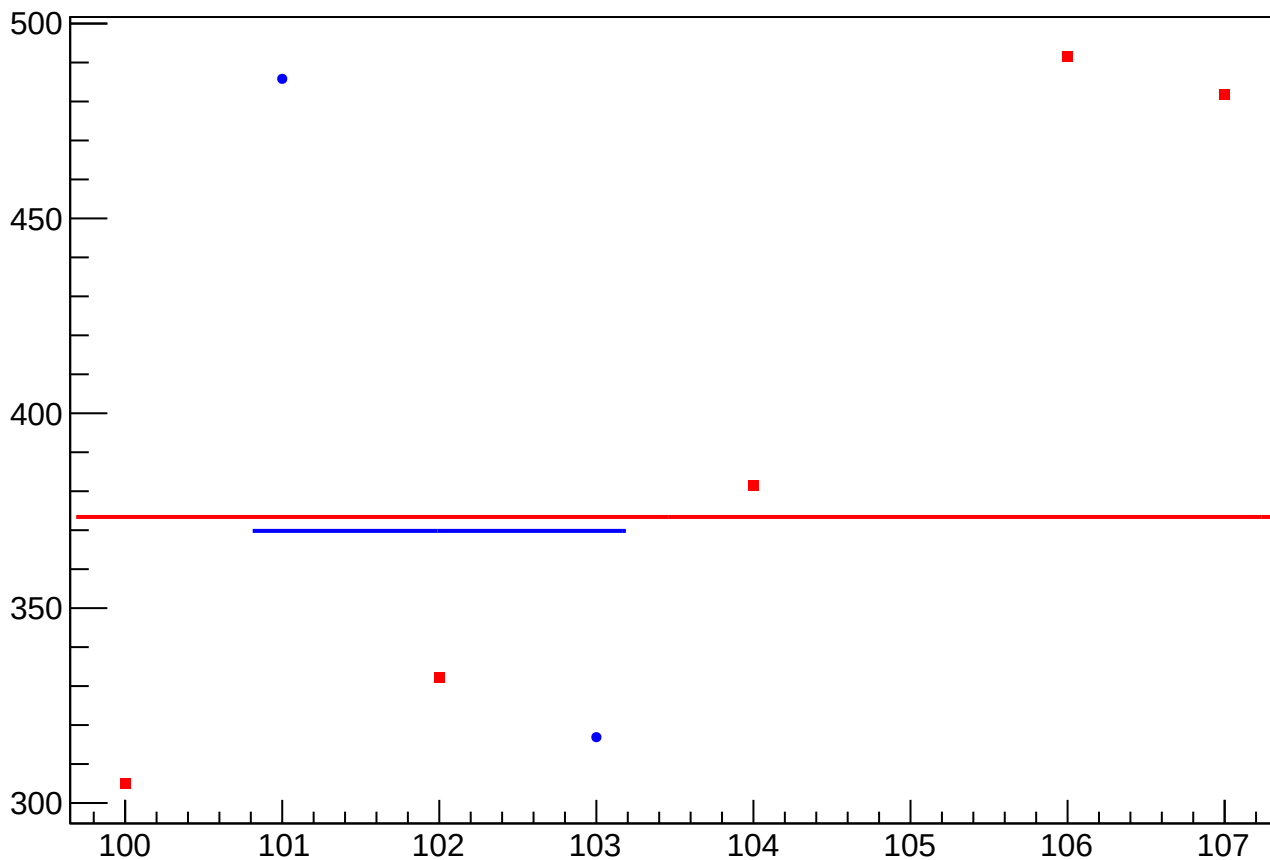
Right: 0.416+/-0.219 χ^2/NDF : 7.5/6

In: 0.139+/-0.338 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.416+/-0.219 χ^2/NDF : 7.5/6

diff_targ_thetaY_rms vs Slug, Sign Corrected



Right In: 369.822+/-0.239 χ^2/NDF : 107278.8/1

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

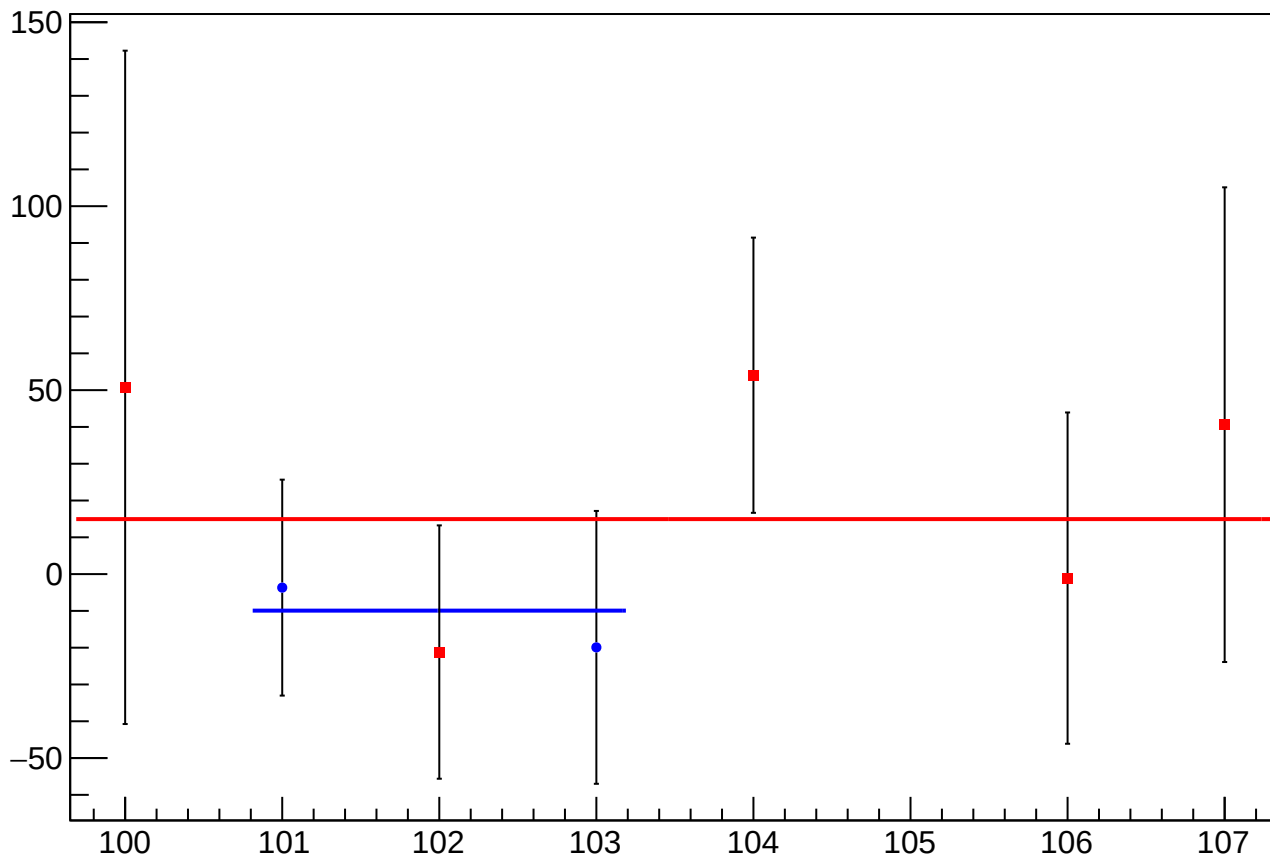
Right: 371.896+/-0.155 χ^2/NDF : 194488.8/6

In: 369.822+/-0.239 χ^2/NDF : 107278.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 371.896+/-0.155 χ^2/NDF : 194488.8/6

diff_bpmE_mean vs Slug, Sign Corrected



Right In: -9.929+/-23.012 χ^2/NDF : 0.1/1

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

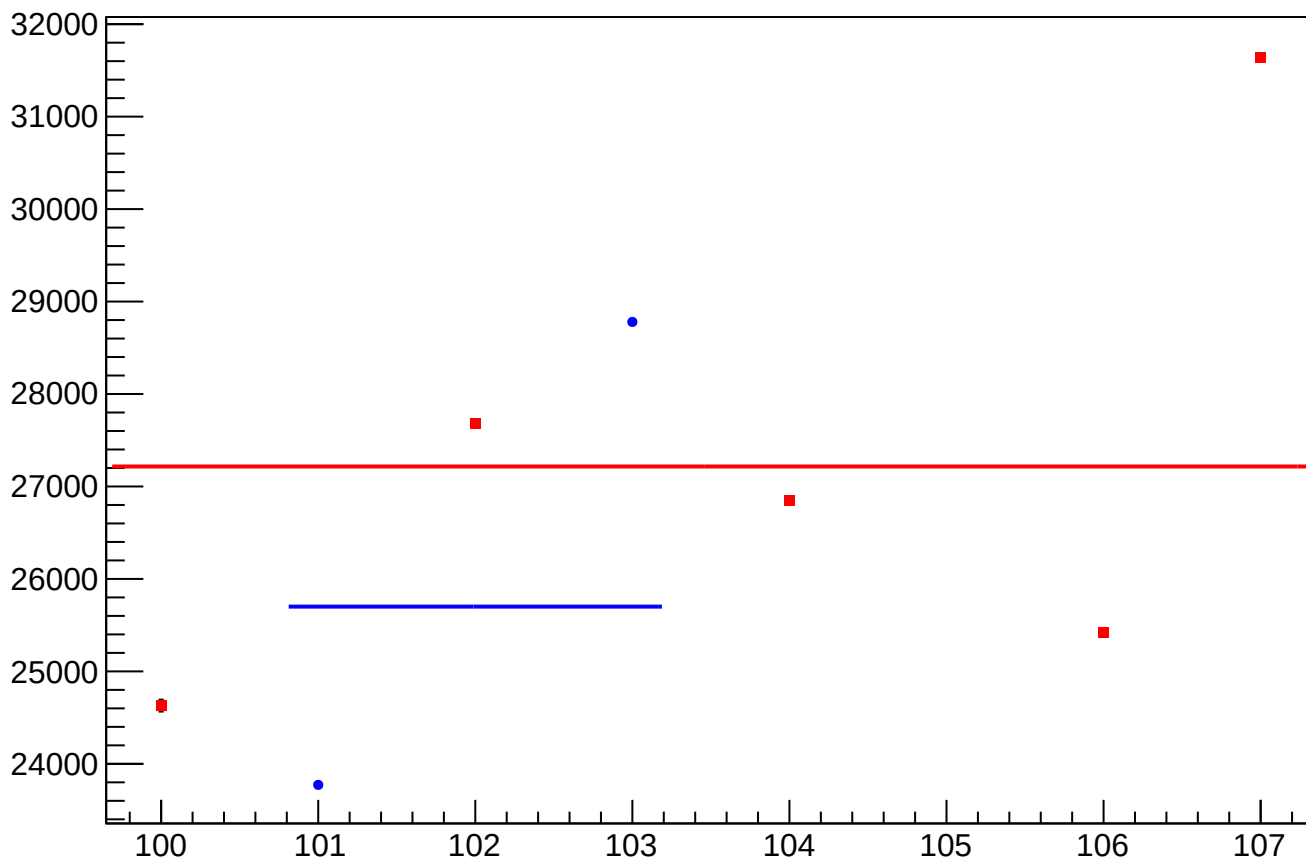
Right: 4.022+/-15.250 χ^2/NDF : 3.4/6

In: -9.929+/-23.012 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.022+/-15.250 χ^2/NDF : 3.4/6

diff_bpmE_rms vs Slug, Sign Corrected



Right In: 25700.668+/-16.272 χ^2/NDF : 22420.2/1

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

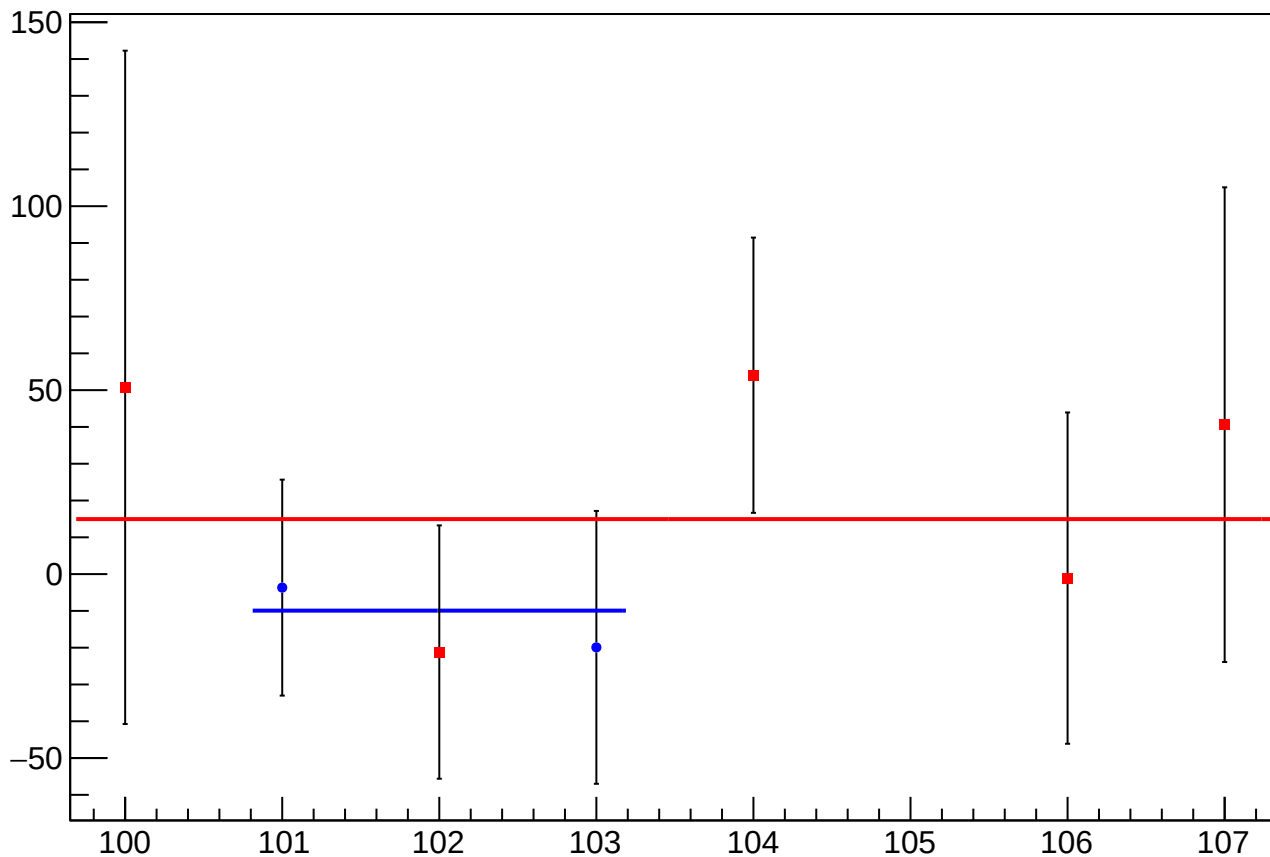
Right: 26550.603+/-10.783 χ^2/NDF : 41999.1/6

In: 25700.668+/-16.272 χ^2/NDF : 22420.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26550.603+/-10.783 χ^2/NDF : 41999.1/6

diff_bpmEX_mean vs Slug, Sign Corrected



Right In: -9.929+/-23.012 χ^2/NDF : 0.1/1

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

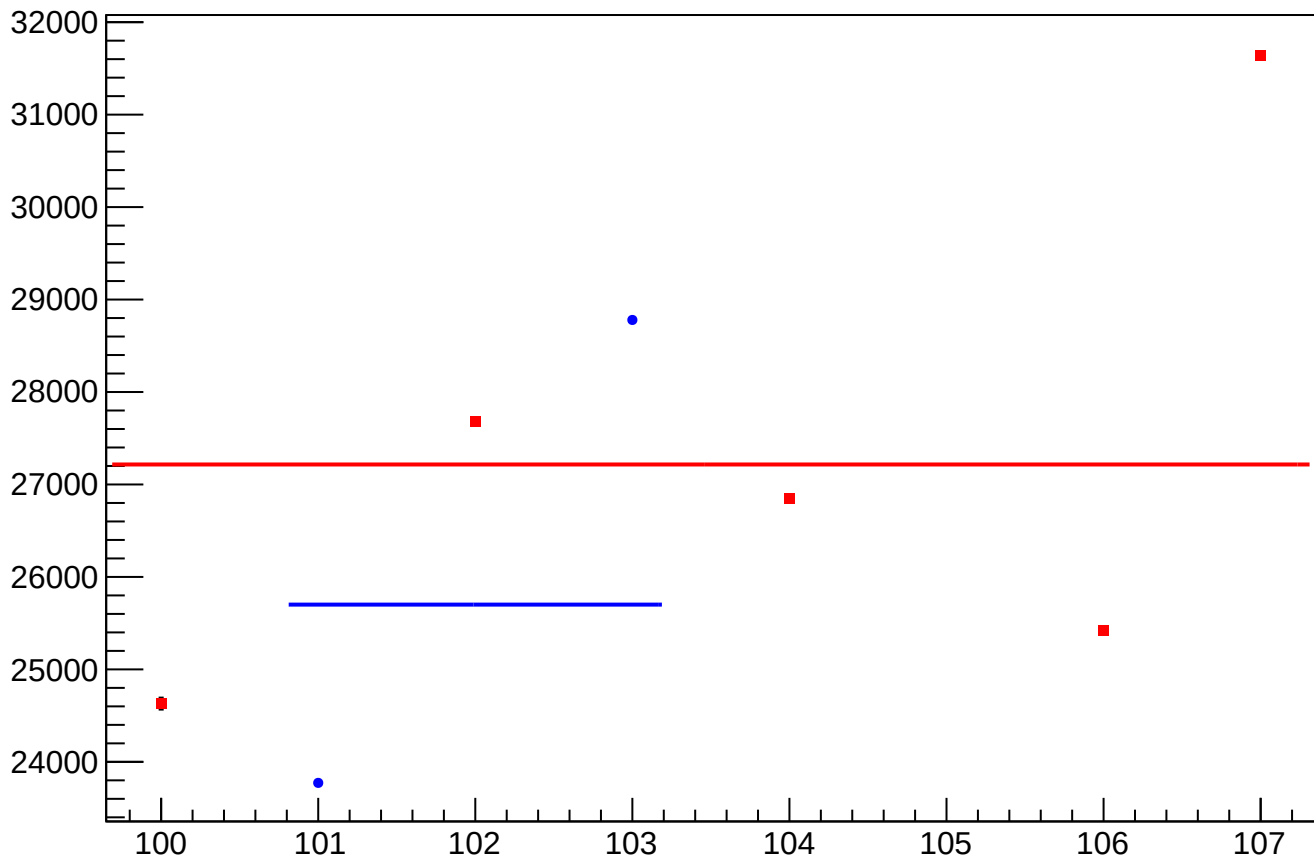
Right: 4.022+/-15.250 χ^2/NDF : 3.4/6

In: -9.929+/-23.012 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.022+/-15.250 χ^2/NDF : 3.4/6

diff_bpmEX_rms vs Slug, Sign Corrected



Right In: 25700.668+/-16.272 χ^2/NDF : 22420.2/1

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

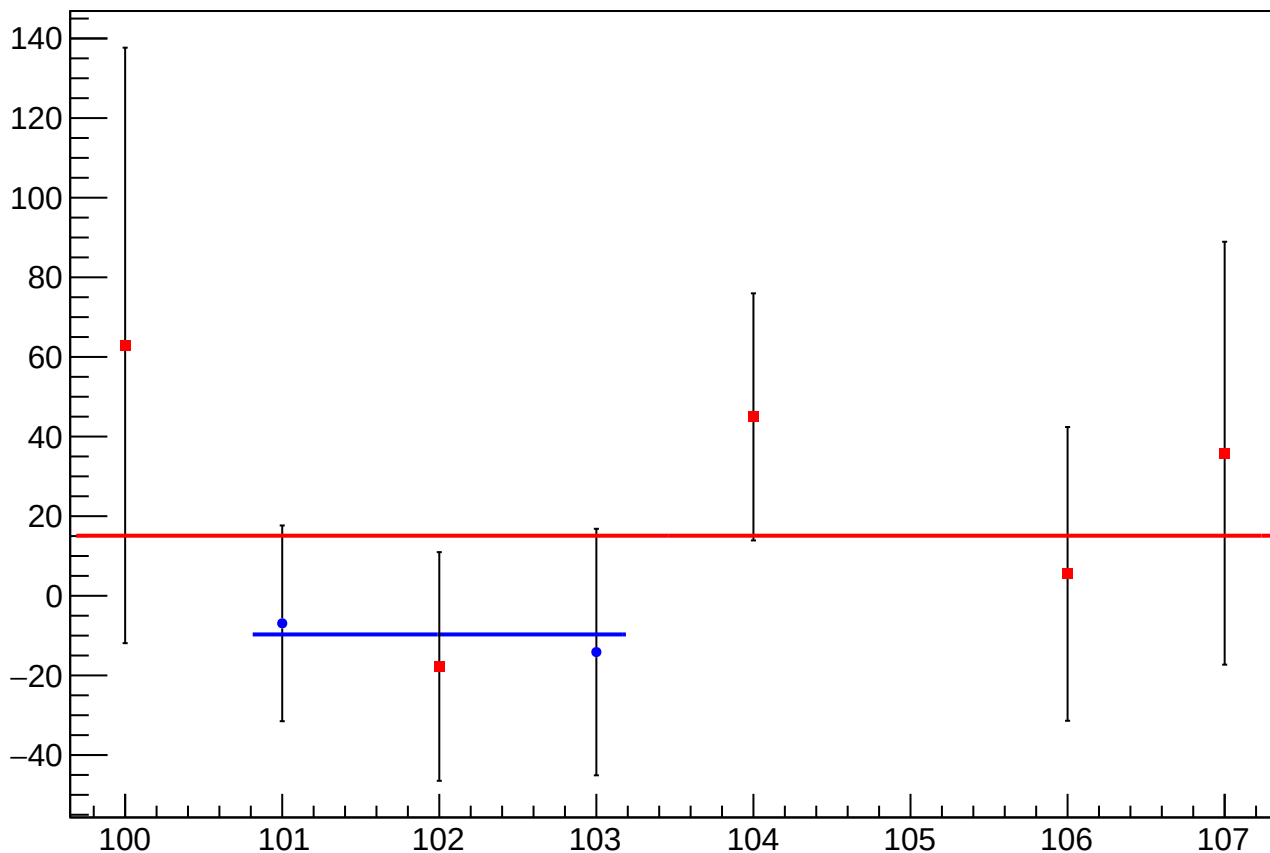
Right: 26550.603+/-10.783 χ^2/NDF : 41999.1/6

In: 25700.668+/-16.272 χ^2/NDF : 22420.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26550.603+/-10.783 χ^2/NDF : 41999.1/6

diff_bpmE_11X12X_mean vs Slug, Sign Corrected



Right In: -9.707+/-19.253 χ^2/NDF : 0.0/1

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

Right Out: 15.096+/-16.858 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

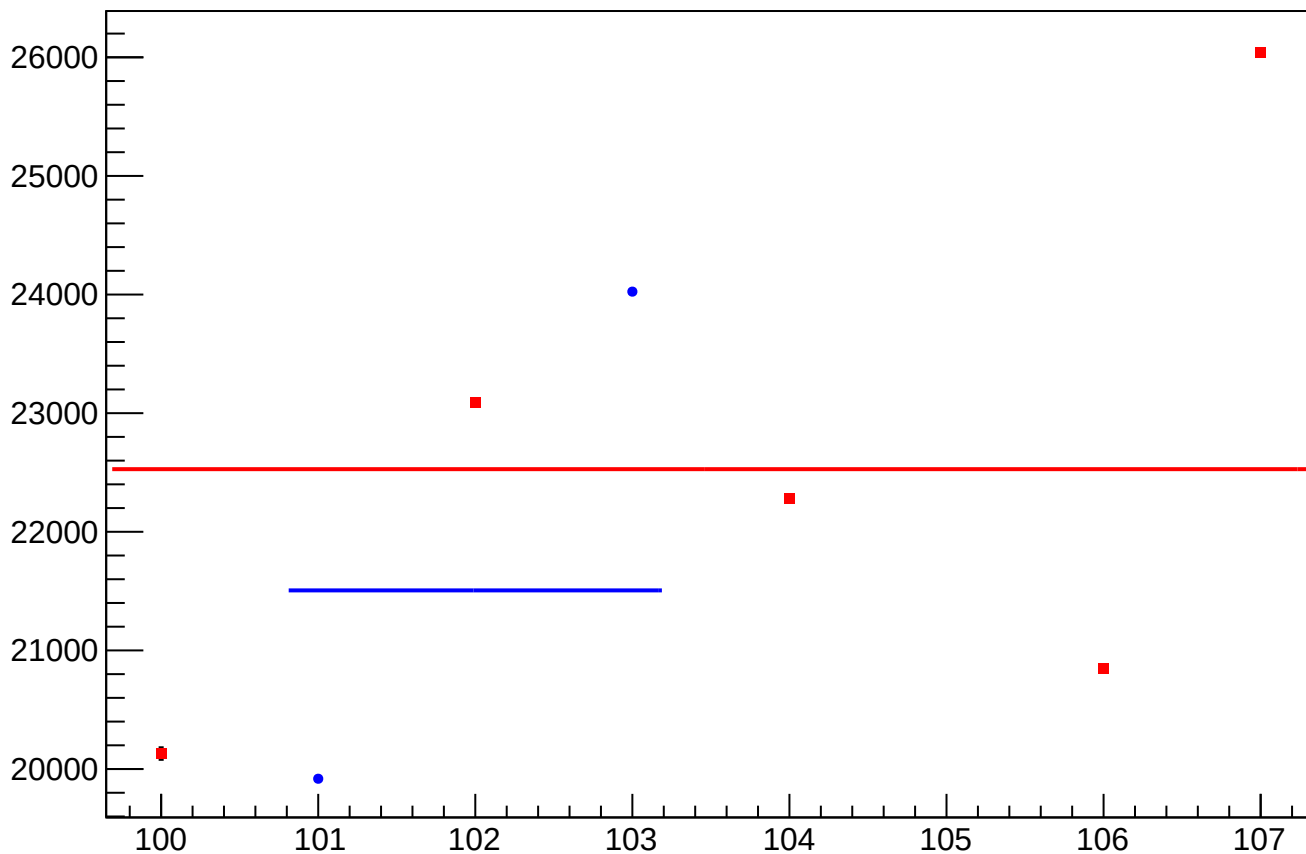
Right: 4.333+/-12.683 χ^2/NDF : 3.8/6

In: -9.707+/-19.253 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.333+/-12.683 χ^2/NDF : 3.8/6

diff_bpmE_11X12X_rms vs Slug, Sign Corrected



Right In: 21505.976+/-13.614 χ^2/NDF : 21575.8/1

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

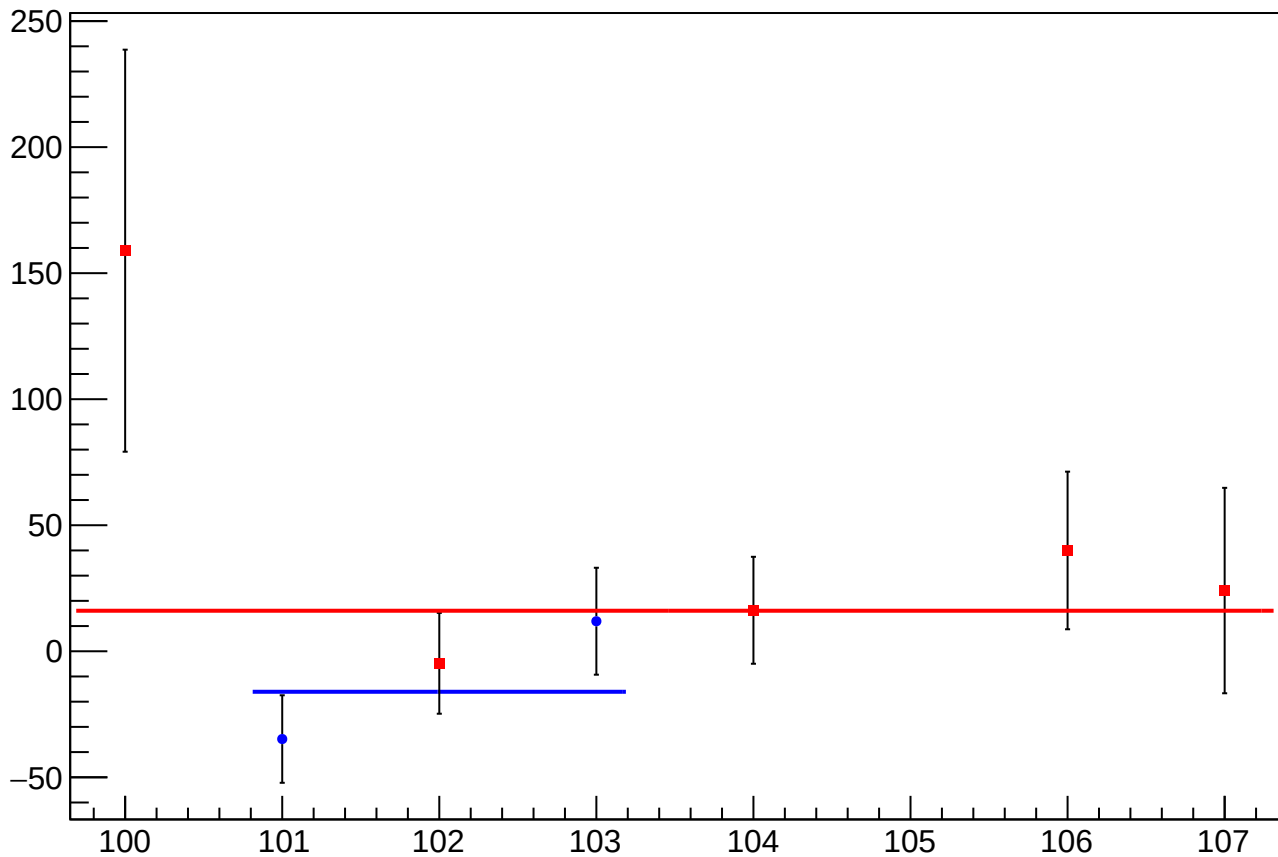
Right: 22084.484+/-8.968 χ^2/NDF : 40628.1/6

In: 21505.976+/-13.614 χ^2/NDF : 21575.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22084.484+/-8.968 χ^2/NDF : 40628.1/6

diff_bpm4aesumX_mean vs Slug, Sign Corrected



Right In: -16.069 ± 13.435 χ^2/NDF : 2.9/1

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

Right Out: 16.078 ± 12.399 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

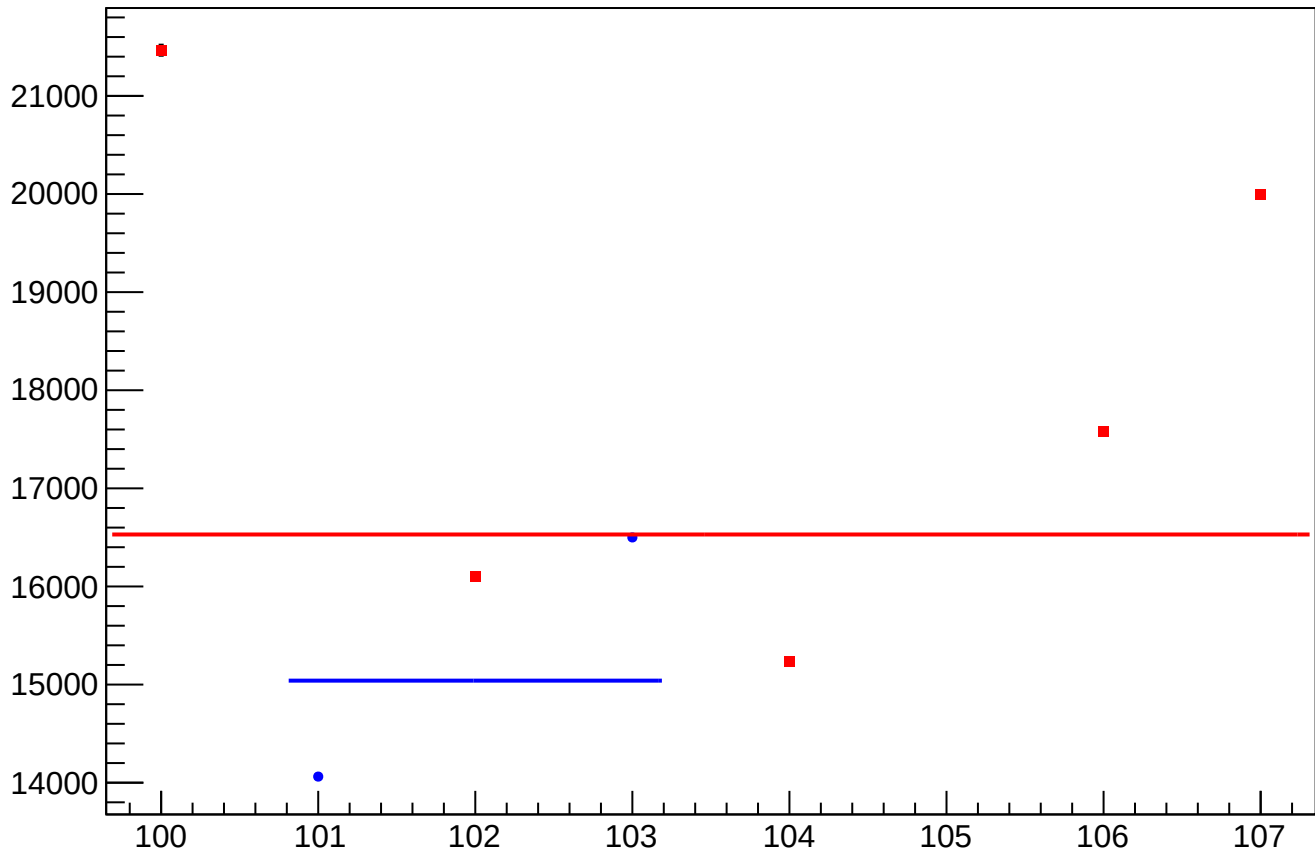
Right: 1.292 ± 9.112 χ^2/NDF : 10.9/6

In: -16.069 ± 13.435 χ^2/NDF : 2.9/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.292 ± 9.112 χ^2/NDF : 10.9/6

diff_bpm4aesumX_rms vs Slug, Sign Corrected



Right In: 15040.114+/-9.500 χ^2/NDF : 15817.5/1

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

Right Out: 16529.769+/-8.768 χ^2/NDF : 32695.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

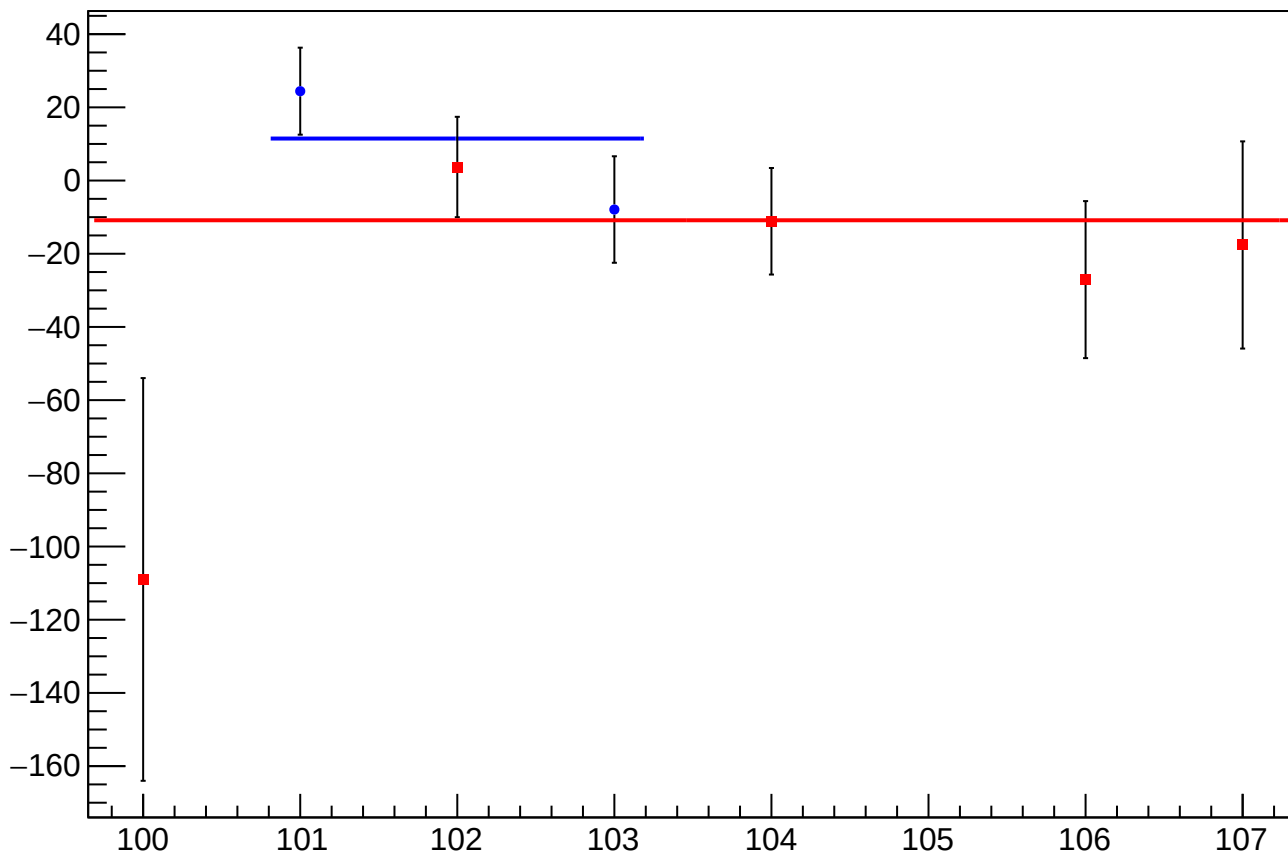
Right: 15844.590+/-6.443 χ^2/NDF : 61791.4/6

In: 15040.114+/-9.500 χ^2/NDF : 15817.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15844.590+/-6.443 χ^2/NDF : 61791.4/6

diff_bpm4aediX_mean vs Slug, Sign Corrected



Right In: 11.477+/-9.206 χ^2/NDF : 3.0/1

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

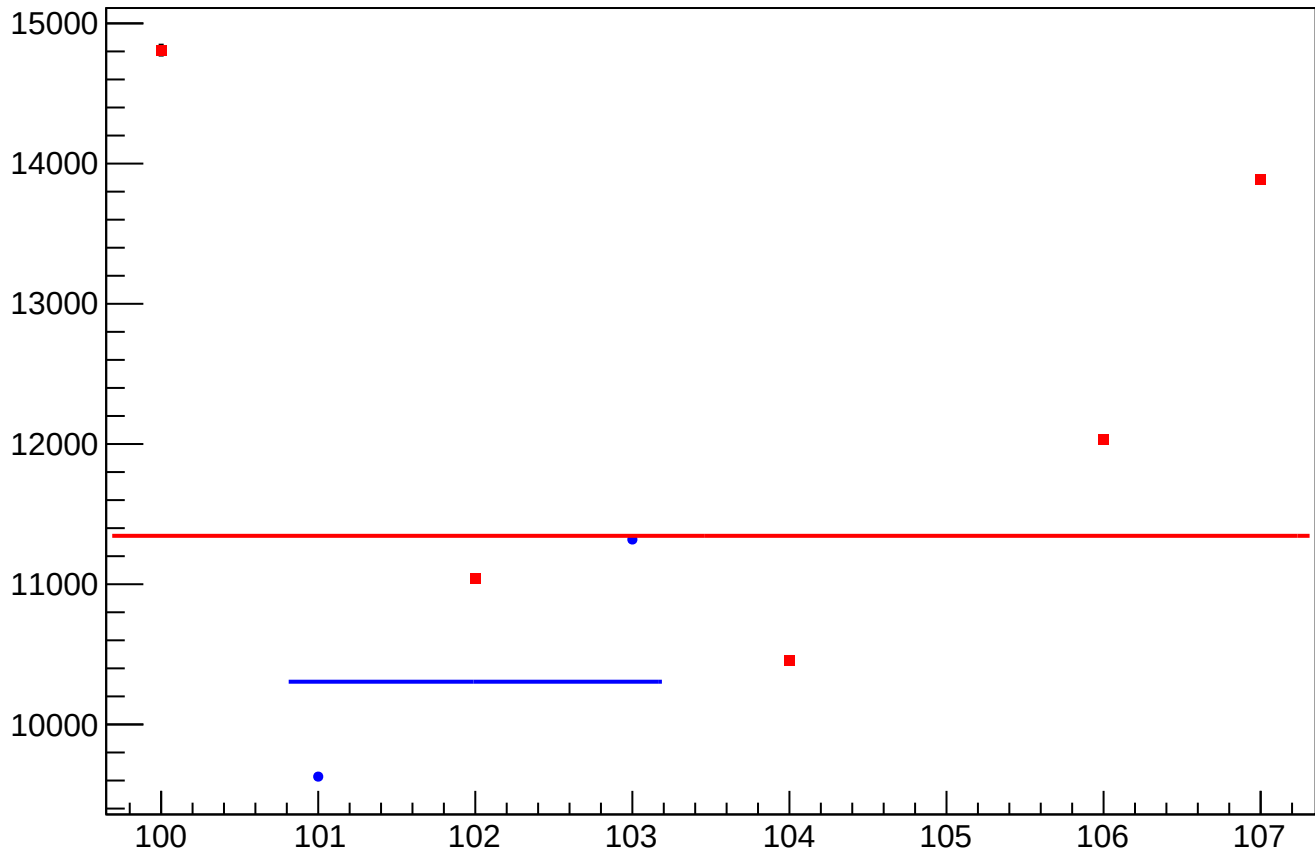
Right: -0.555+/-6.252 χ^2/NDF : 11.1/6

In: 11.477+/-9.206 χ^2/NDF : 3.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.555+/-6.252 χ^2/NDF : 11.1/6

diff_bpm4aediX_rms vs Slug, Sign Corrected



Right In: 10304.777+/-6.510 χ^2/NDF : 16202.7/1

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

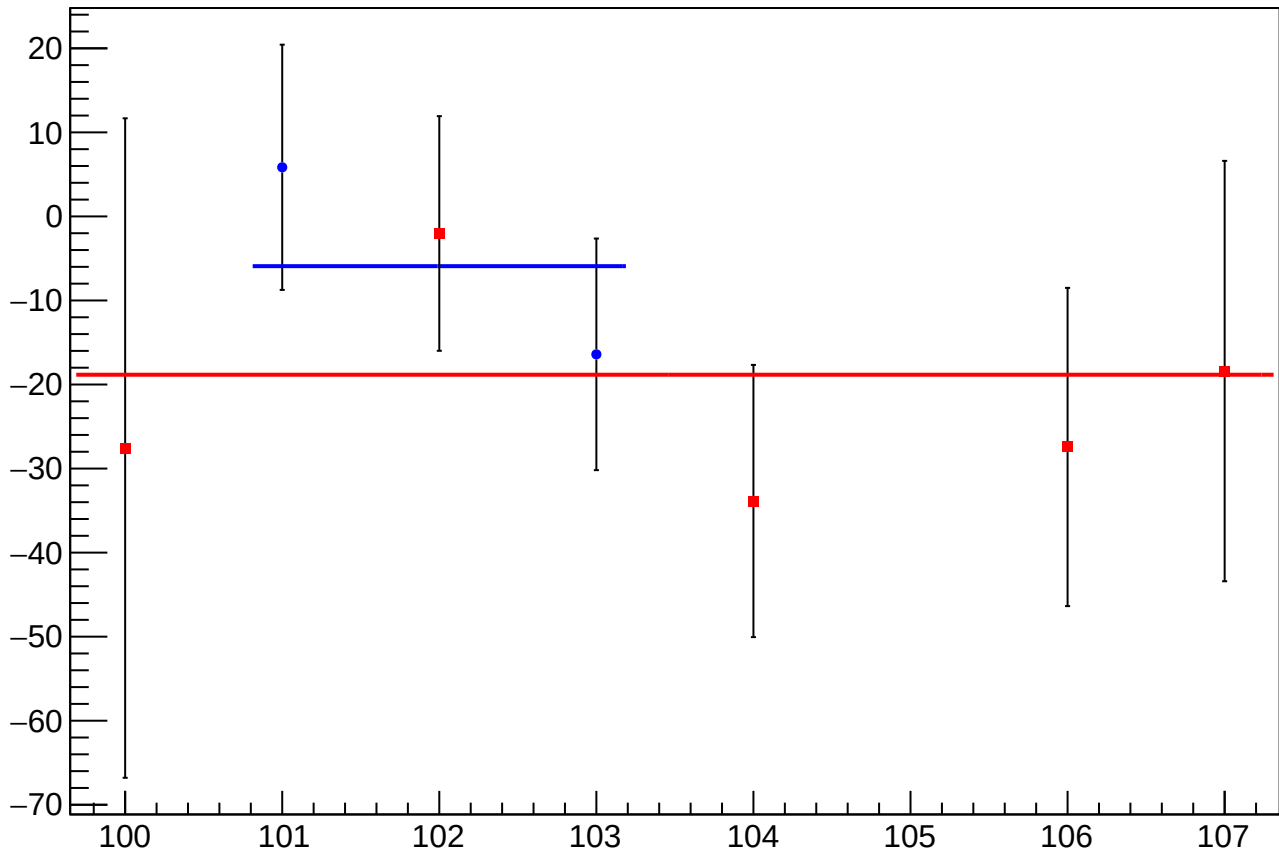
Right: 10865.413+/-4.421 χ^2/NDF : 64525.9/6

In: 10304.777+/-6.510 χ^2/NDF : 16202.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10865.413+/-4.421 χ^2/NDF : 64525.9/6

diff_bpm4aesumY_mean vs Slug, Sign Corrected



Right In: -5.919+/-10.017 χ^2/NDF : 1.2/1

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

Right Out: -18.835+/-8.456 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

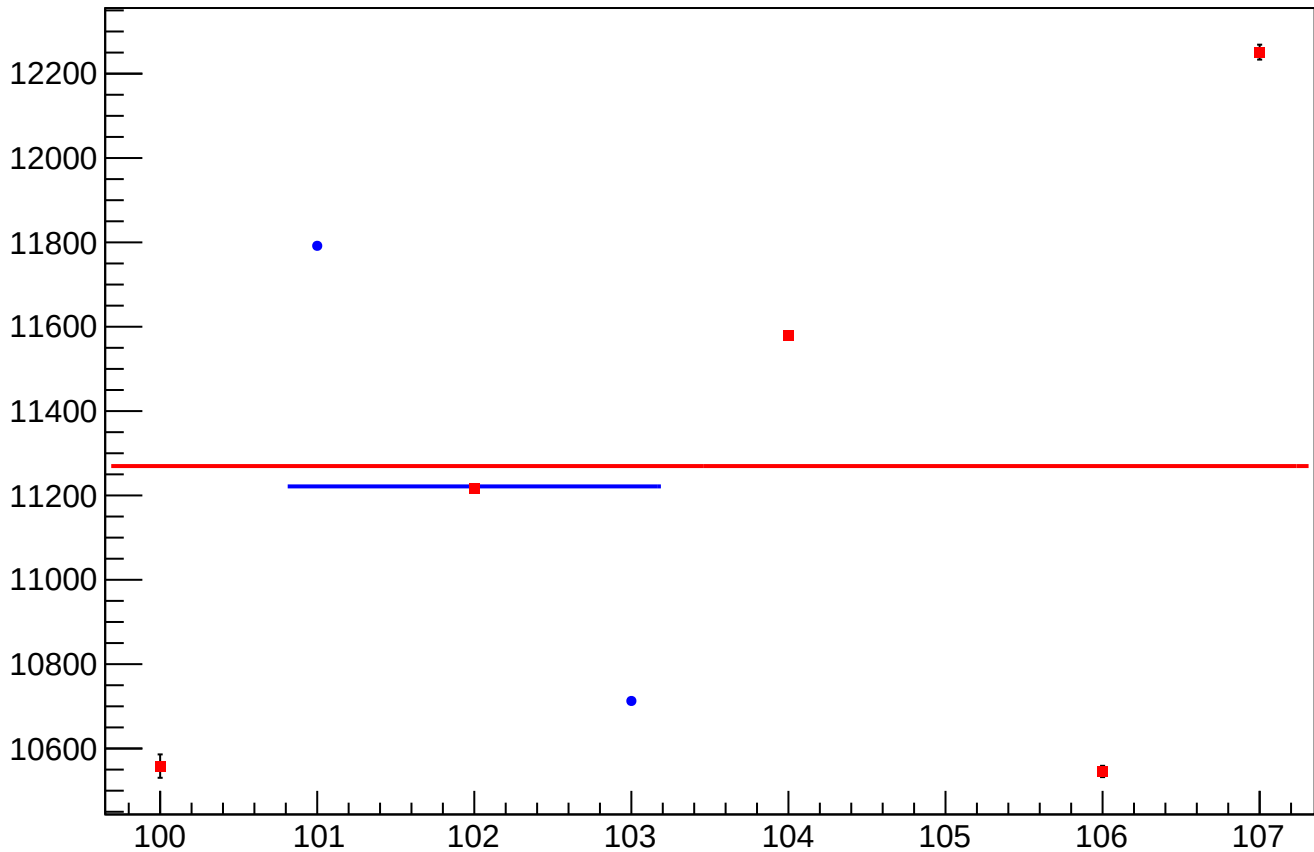
Right: -13.461+/-6.462 χ^2/NDF : 4.8/6

In: -5.919+/-10.017 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.461+/-6.462 χ^2/NDF : 4.8/6

diff_bpm4aesumY_rms vs Slug, Sign Corrected



Right In: 11221.430+/-7.083 χ^2/NDF : 5783.9/1

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

Right Out: 11269.646+/-5.980 χ^2/NDF : 7427.3/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

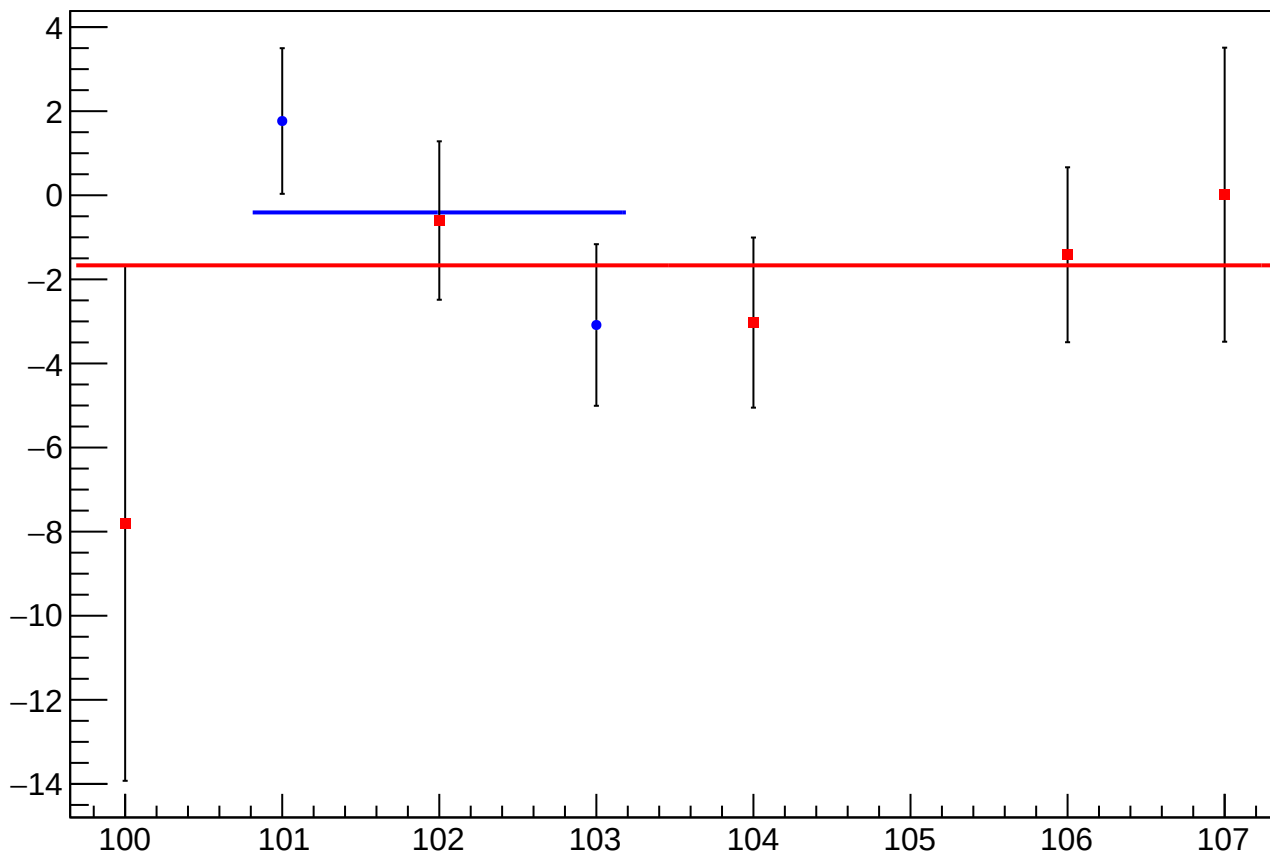
Right: 11249.582+/-4.569 χ^2/NDF : 13238.2/6

In: 11221.430+/-7.083 χ^2/NDF : 5783.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11249.582+/-4.569 χ^2/NDF : 13238.2/6

diff_bpm4aediY_mean vs Slug, Sign Corrected



Right In: -0.408+/-1.287 χ^2 /NDF: 3.5/1

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

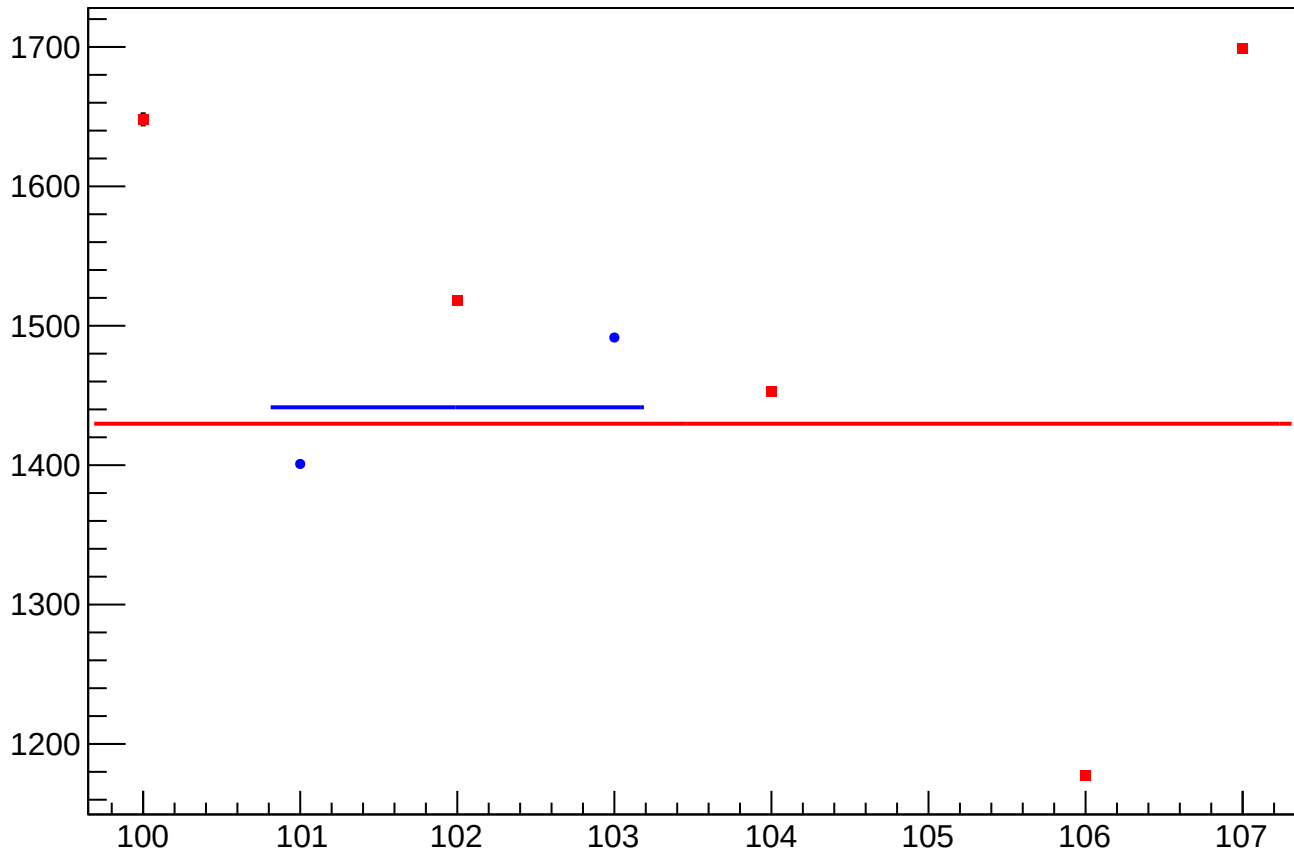
Right: -1.149+/-0.825 χ^2 /NDF: 6.1/6

In: -0.408+/-1.287 χ^2 /NDF:3.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1.149+/-0.825 χ^2 /NDF: 6.1/6

diff_bpm4aediY_rms vs Slug, Sign Corrected



Right In: 1441.511+/-0.910 χ^2/NDF : 2458.0/1

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

Right Out: 1429.734+/-0.760 χ^2/NDF : 48540.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

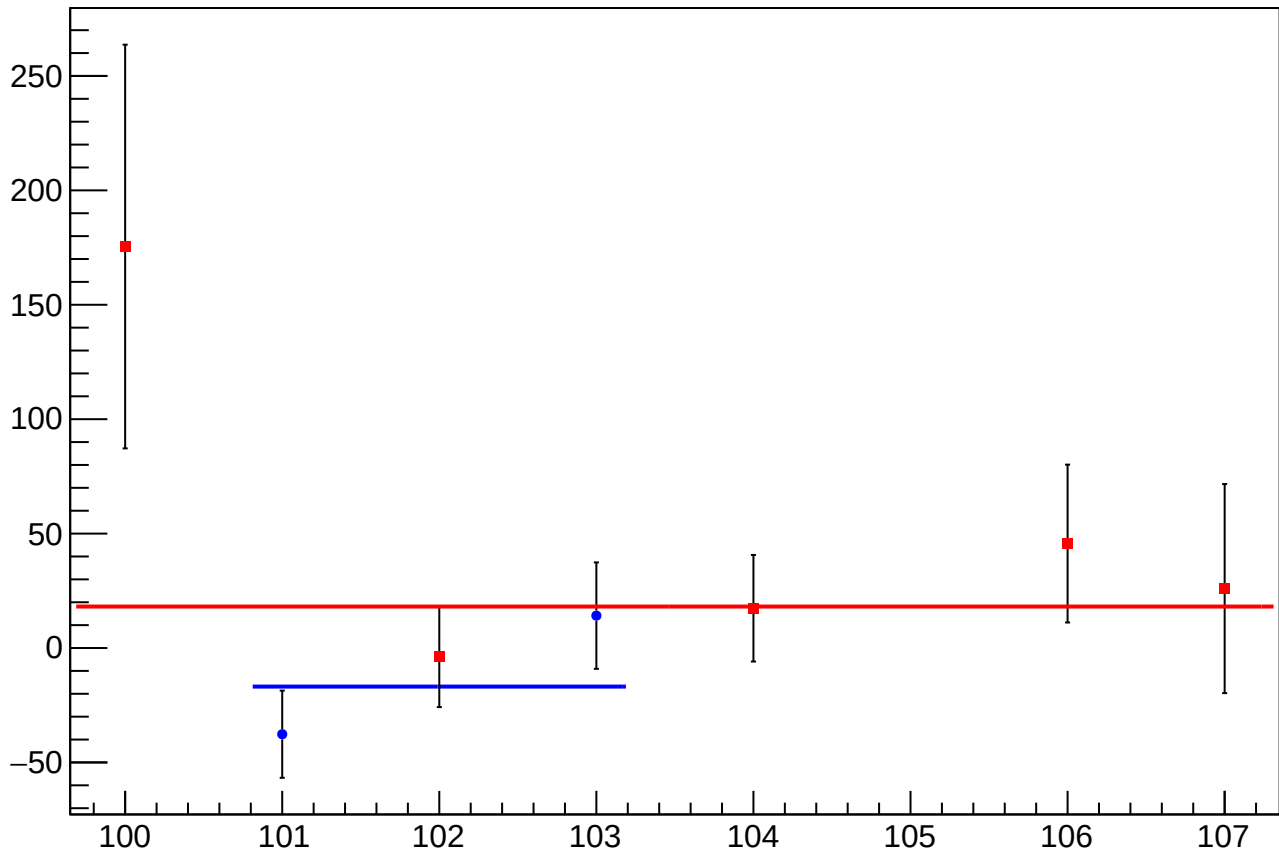
Right: 1434.575+/-0.583 χ^2/NDF : 51097.1/6

In: 1441.511+/-0.910 χ^2/NDF : 2458.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1434.575+/-0.583 χ^2/NDF : 51097.1/6

diff_bpmtargetsumX_mean vs Slug, Sign Corrected



Right In: -16.852 ± 14.739 χ^2/NDF : 3.0/1

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

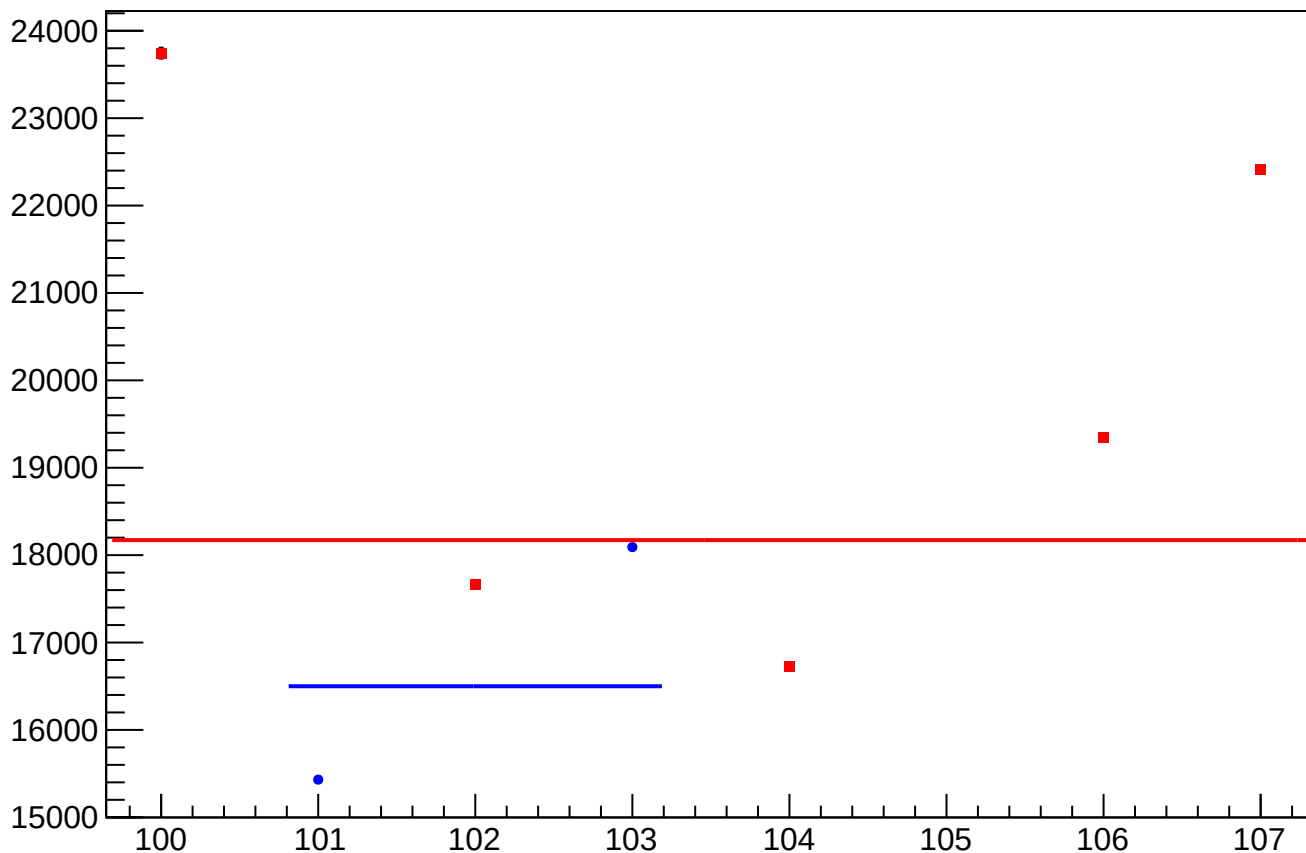
Right: 1.982 ± 10.013 χ^2/NDF : 10.9/6

In: -16.852 ± 14.739 χ^2/NDF : 3.0/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.982 ± 10.013 χ^2/NDF : 10.9/6

diff_bpmtargetsumX_rms vs Slug, Sign Corrected



Right In: 16499.751+/-10.422 χ^2/NDF : 15663.2/1

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

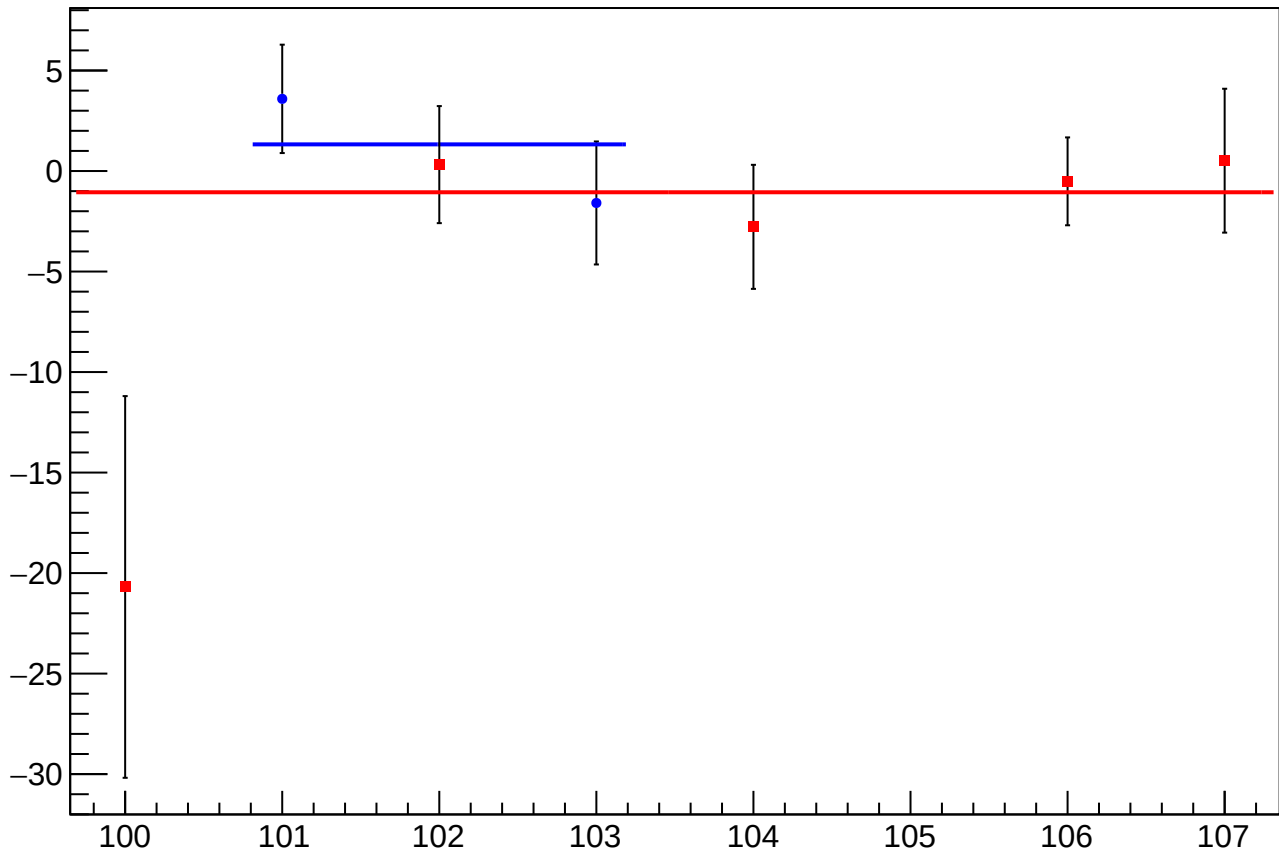
Right: 17400.246+/-7.080 χ^2/NDF : 65869.9/6

In: 16499.751+/-10.422 χ^2/NDF : 15663.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17400.246+/-7.080 χ^2/NDF : 65869.9/6

diff_bpmtargetdiffX_mean vs Slug, Sign Corrected



Right In: 1.326+/-2.023 χ^2/NDF : 1.6/1

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

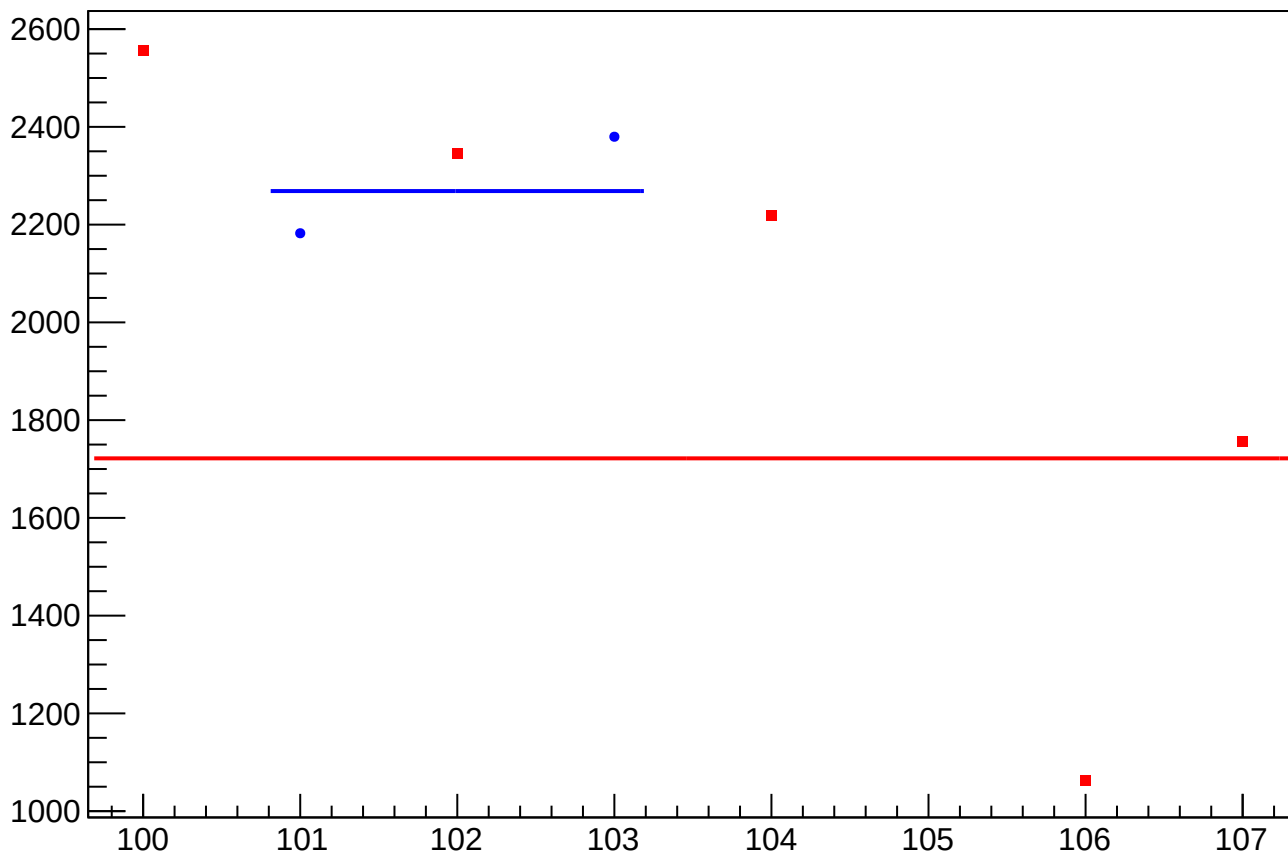
Right: -0.296+/-1.143 χ^2/NDF : 7.6/6

In: 1.326+/-2.023 χ^2/NDF : 1.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.296+/-1.143 χ^2/NDF : 7.6/6

diff_bpmtargetdiffX_rms vs Slug, Sign Corrected



Right In: 2268.666+/-1.430 χ^2/NDF : 4689.8/1

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

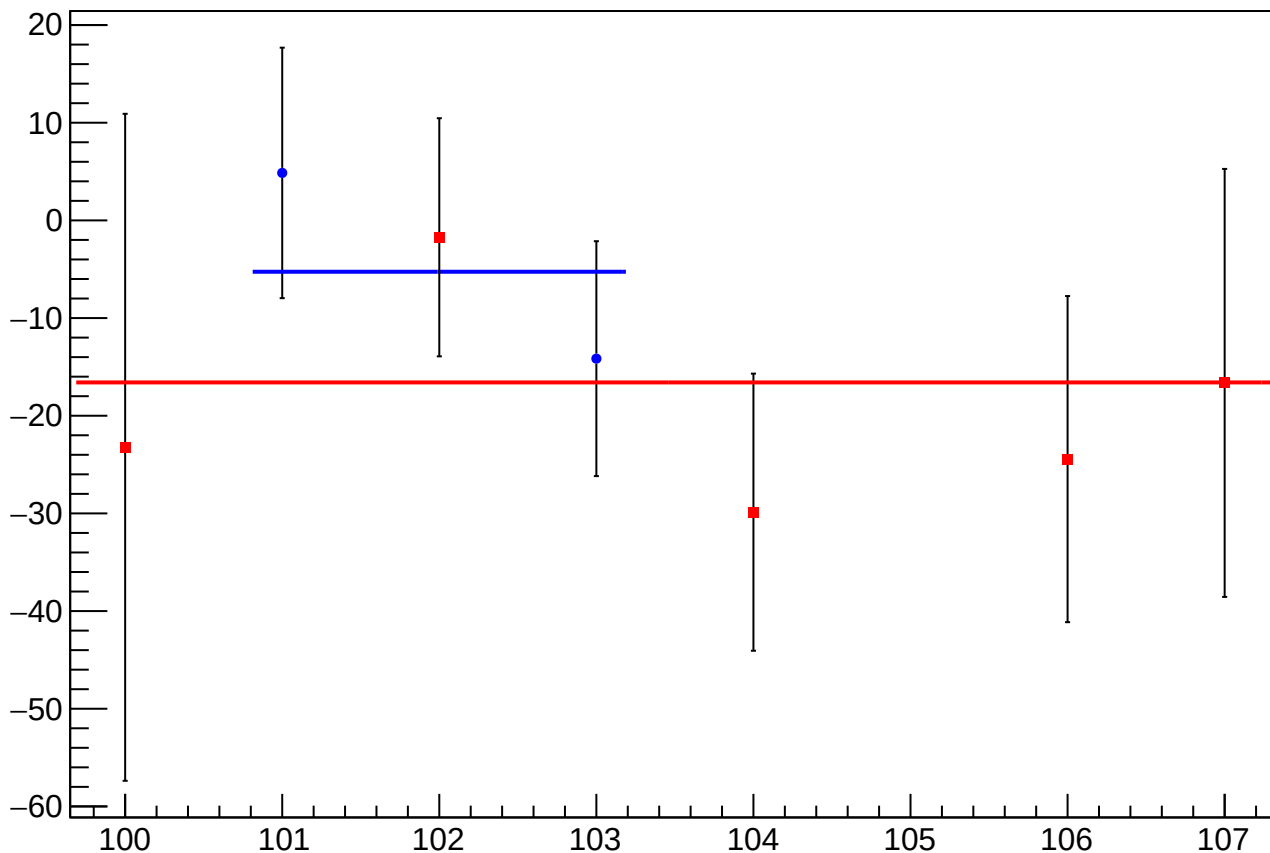
Right: 1896.326+/-0.808 χ^2/NDF : 445007.3/6

In: 2268.666+/-1.430 χ^2/NDF : 4689.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1896.326+/-0.808 χ^2/NDF : 445007.3/6

diff_bpmtargetsumY_mean vs Slug, Sign Corrected



Right In: -5.258 $\pm$ 8.771 χ^2 /NDF: 1.2/1

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

Right Out: -16.590 $\pm$ 7.407 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

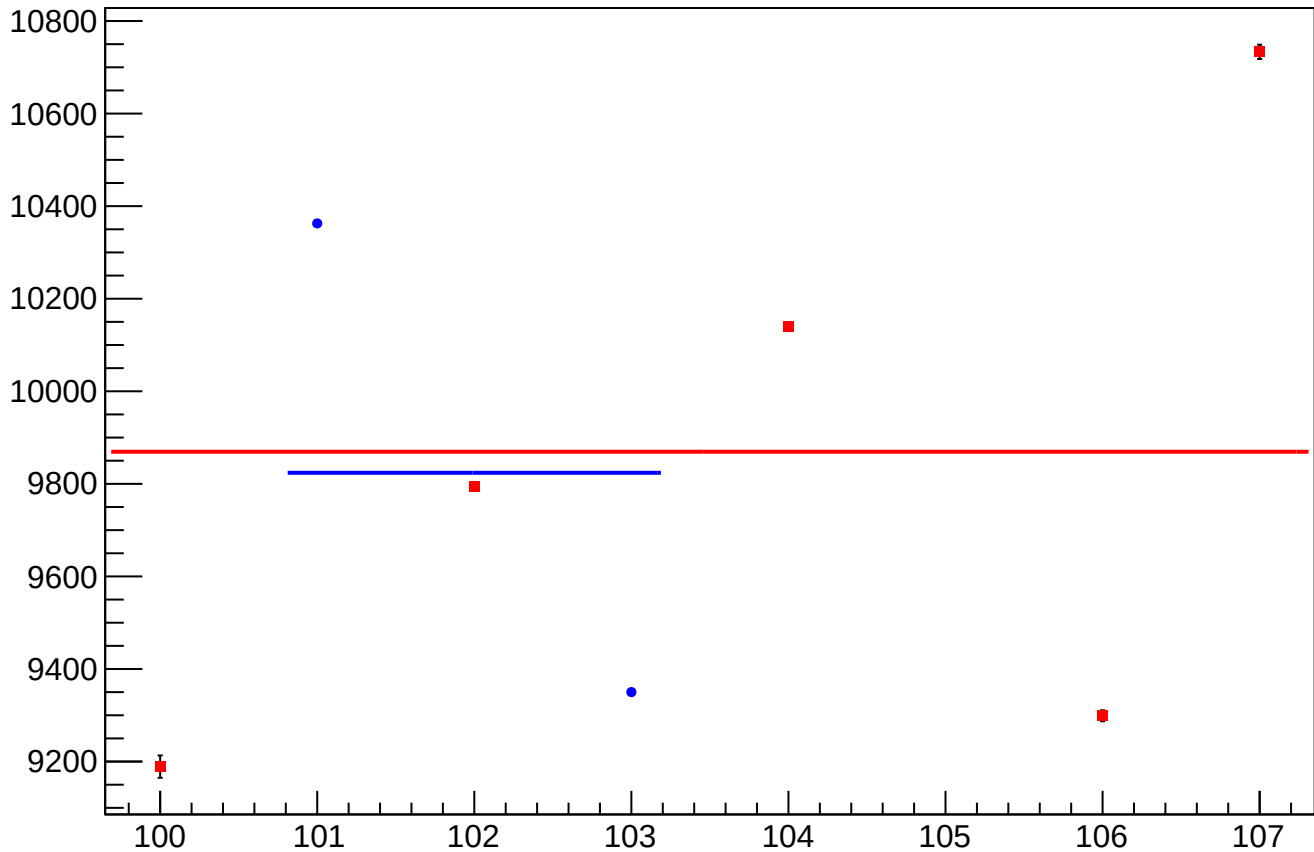
Right: -11.872 $\pm$ 5.659 χ^2 /NDF: 4.8/6

In: -5.258 $\pm$ 8.771 χ^2 /NDF:1.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -11.872 $\pm$ 5.659 χ^2 /NDF: 4.8/6

diff_bpmtargetsumY_rms vs Slug, Sign Corrected



Right In: 9823.907+/-6.202 χ^2/NDF : 6637.3/1

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

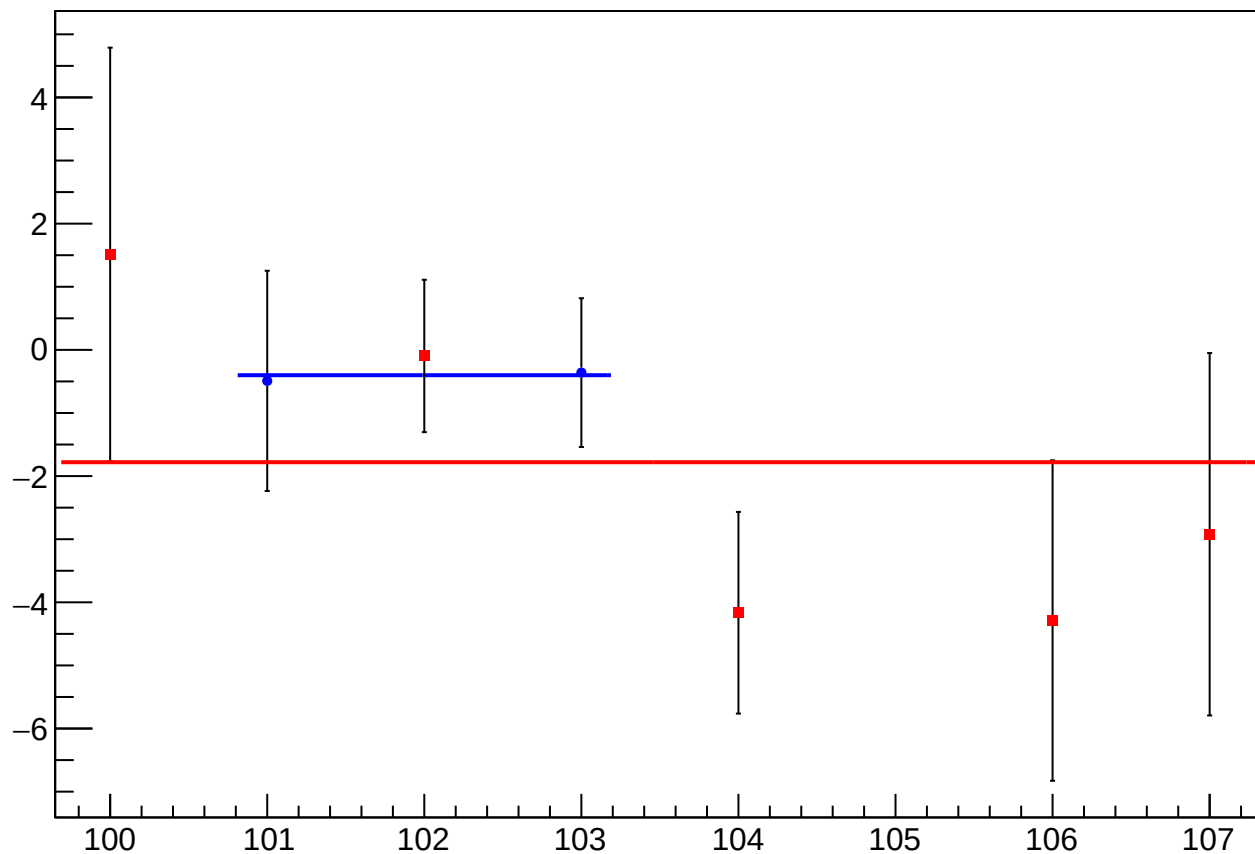
Right: 9850.477+/-4.002 χ^2/NDF : 13706.4/6

In: 9823.907+/-6.202 χ^2/NDF : 6637.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9850.477+/-4.002 χ^2/NDF : 13706.4/6

diff_bpmtargetdiffY_mean vs Slug, Sign Corrected



Right In: -0.401 $\pm$ 0.977 χ^2 /NDF: 0.0/1

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

Right Out: -1.780 $\pm$ 0.831 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

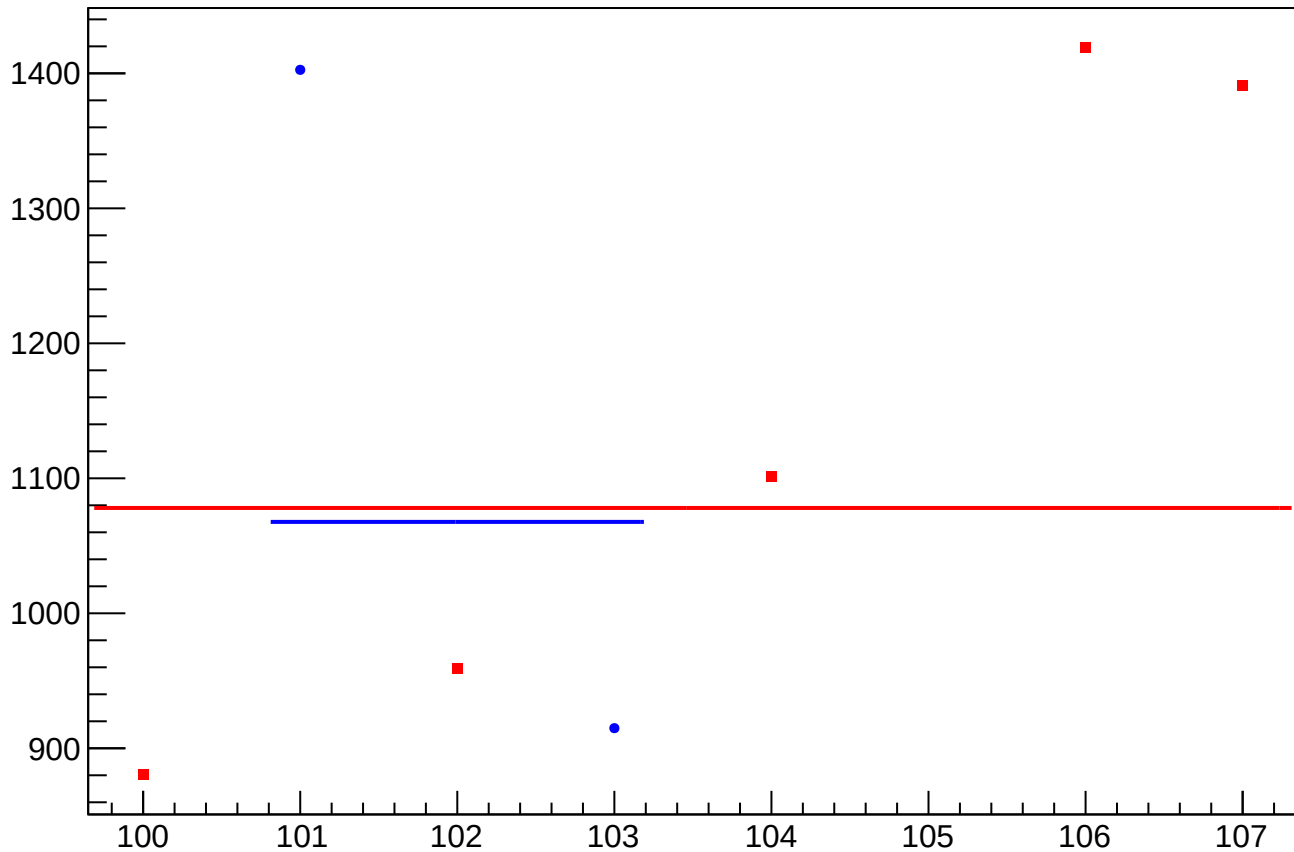
Right: -1.201 $\pm$ 0.633 χ^2 /NDF: 7.5/6

In: -0.401 $\pm$ 0.977 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.201 $\pm$ 0.633 χ^2 /NDF: 7.5/6

diff_bpmtargetdiffY_rms vs Slug, Sign Corrected



Right In: 1067.720+/-0.691 χ^2/NDF : 107278.8/1

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

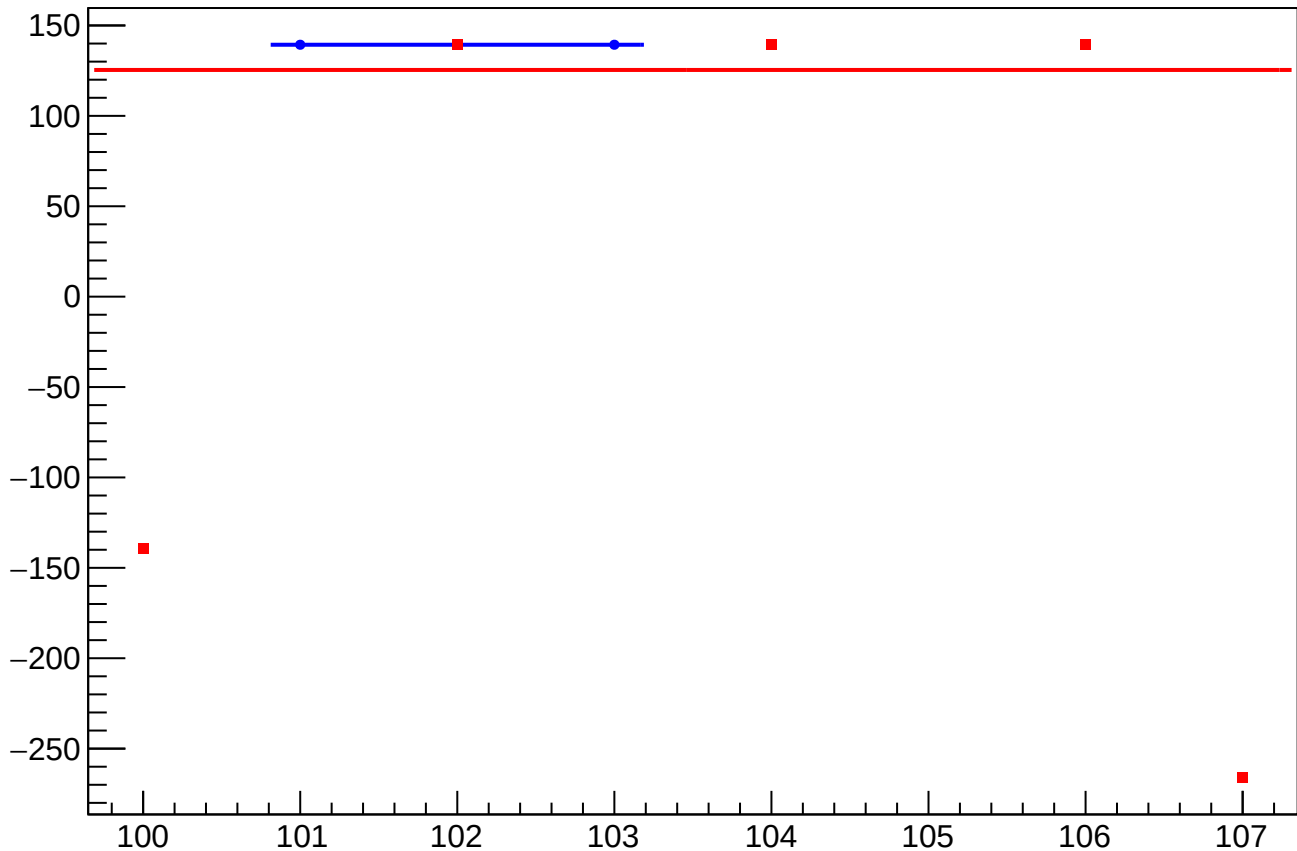
Right: 1073.707+/-0.448 χ^2/NDF : 194488.8/6

In: 1067.720+/-0.691 χ^2/NDF : 107278.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1073.707+/-0.448 χ^2/NDF : 194488.8/6

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 139.338+/-0.000 χ^2/NDF : 521085.3/1

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

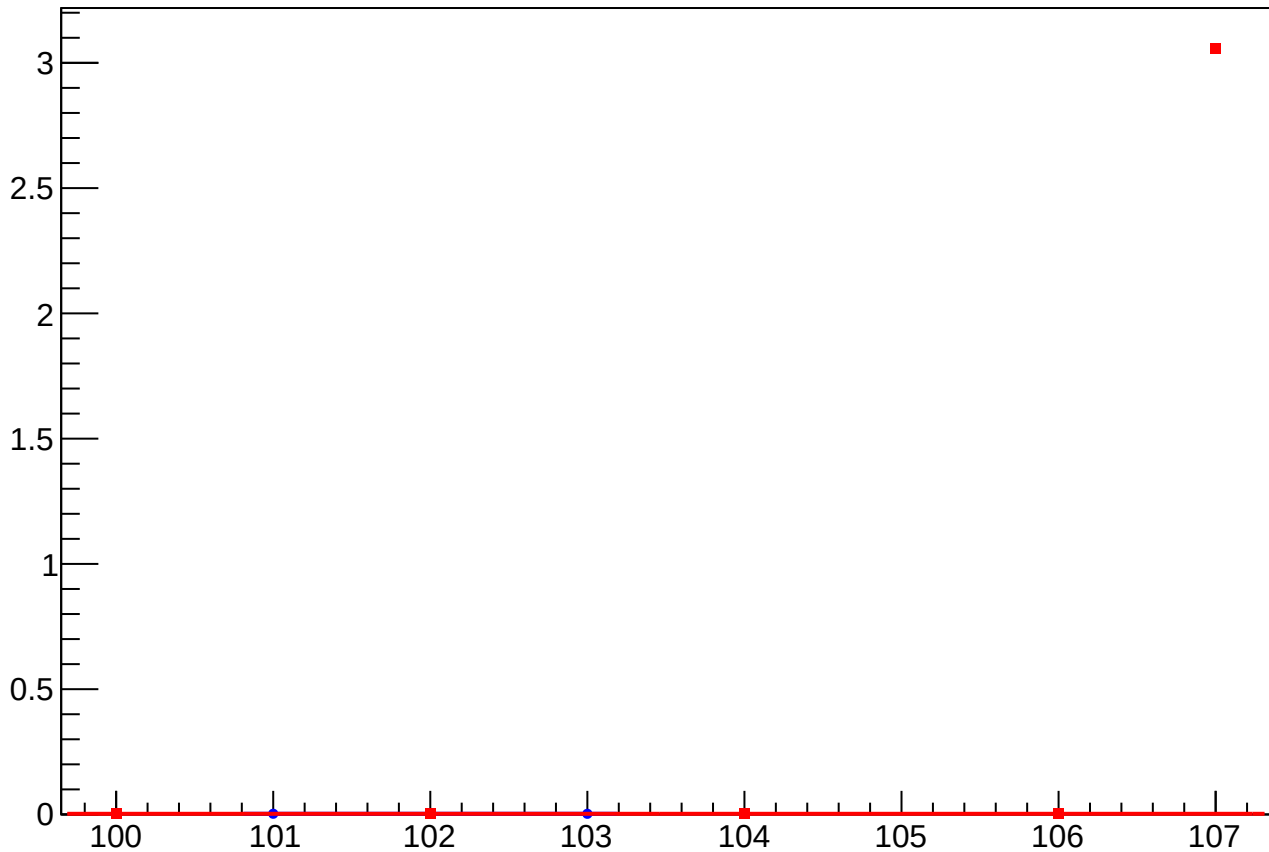
Right: 131.819+/-0.000 χ^2/NDF : 792915878956171

In: 139.338+/-0.000 χ^2/NDF : 521085.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.819+/-0.000 χ^2/NDF : 792915878956

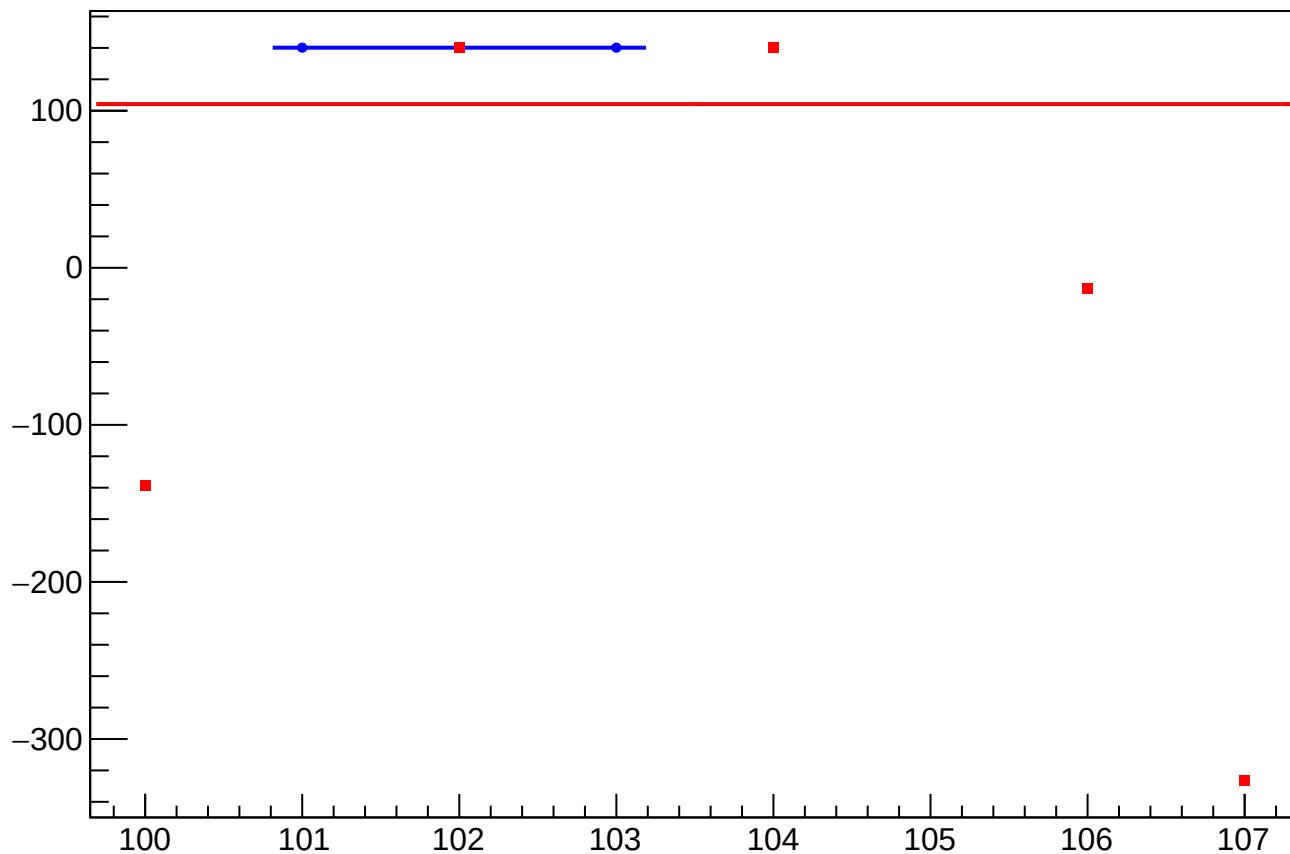
yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 3666.6/1
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 : 194730.4/6
In: 0.003+/-0.000 χ^2/NDF : 3666.6/1
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.003+/-0.000 χ^2/NDF : 194730.4/6

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 140.149+/-0.000 χ^2/NDF : 5010051.8/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 120.836+/-0.000 χ^2/NDF : 138061119672147

In: 140.149+/-0.000 χ^2/NDF : 5010051.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.836+/-0.000 χ^2/NDF : 138061119672

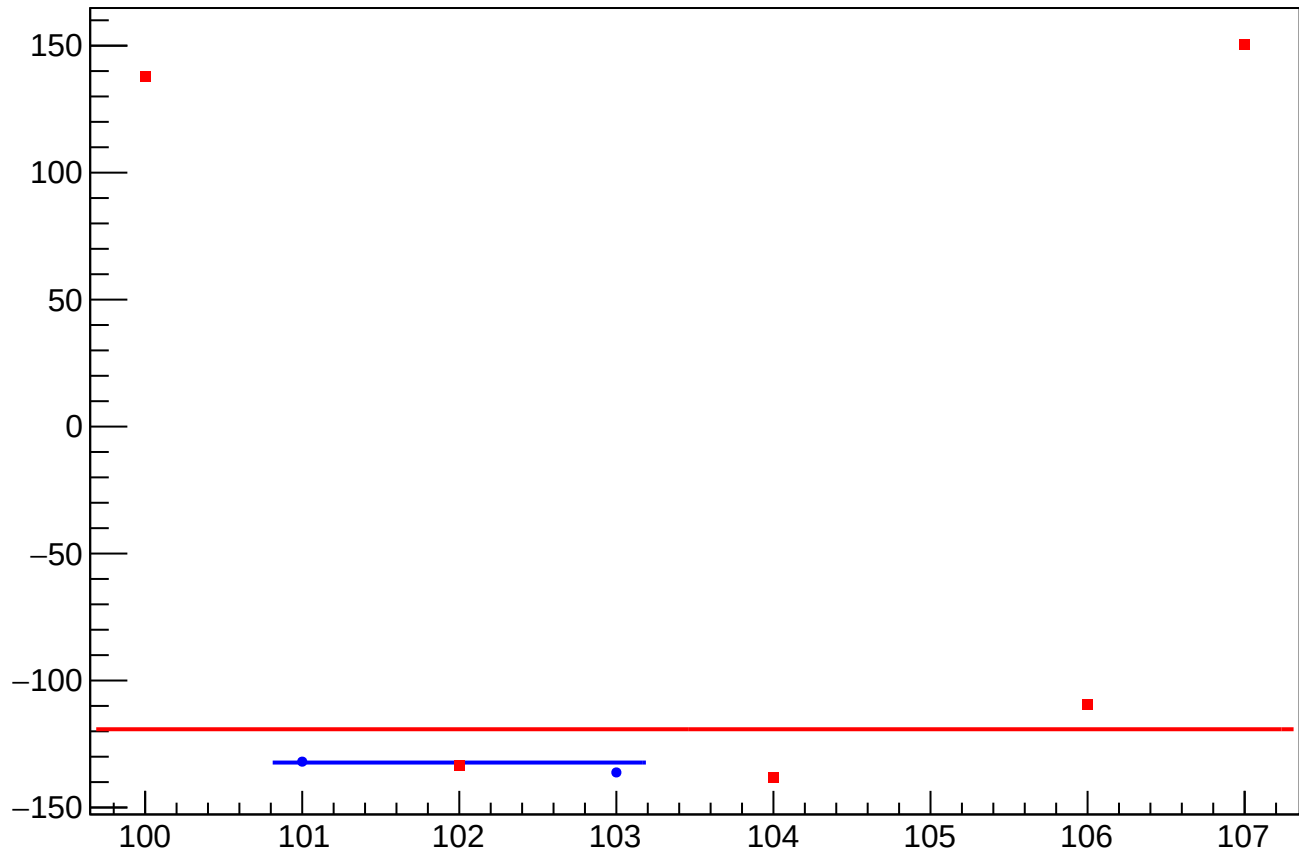
yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 3181.6/1
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 : 265922.1/6
In: 0.003+/-0.000 χ^2/NDF : 3181.6/1
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.003+/-0.000 χ^2/NDF : 265922.1/6

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -132.302 $\pm$ 0.002 χ^2 /NDF: 598777.3/1

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

Right Out: -119.187 $\pm$ 0.002 χ^2 /NDF: 642691394.8/4

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

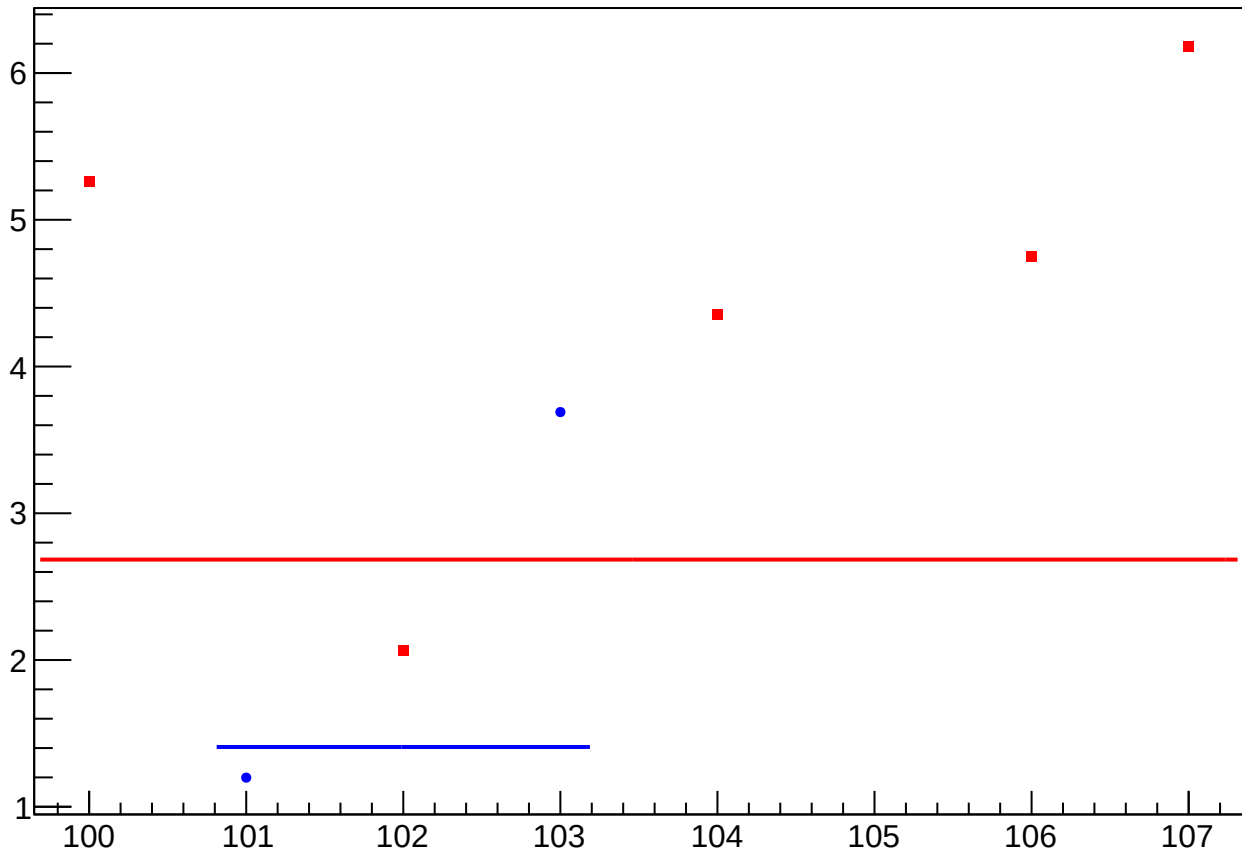
Right: -128.445 $\pm$ 0.001 χ^2 /NDF: 665112222.2/6

In: -132.302 $\pm$ 0.002 χ^2 /NDF:598777.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -128.445 $\pm$ 0.001 χ^2 /NDF: 665112222.2/6

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 1.407+/-0.001 χ^2/NDF : 411169.0/1

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

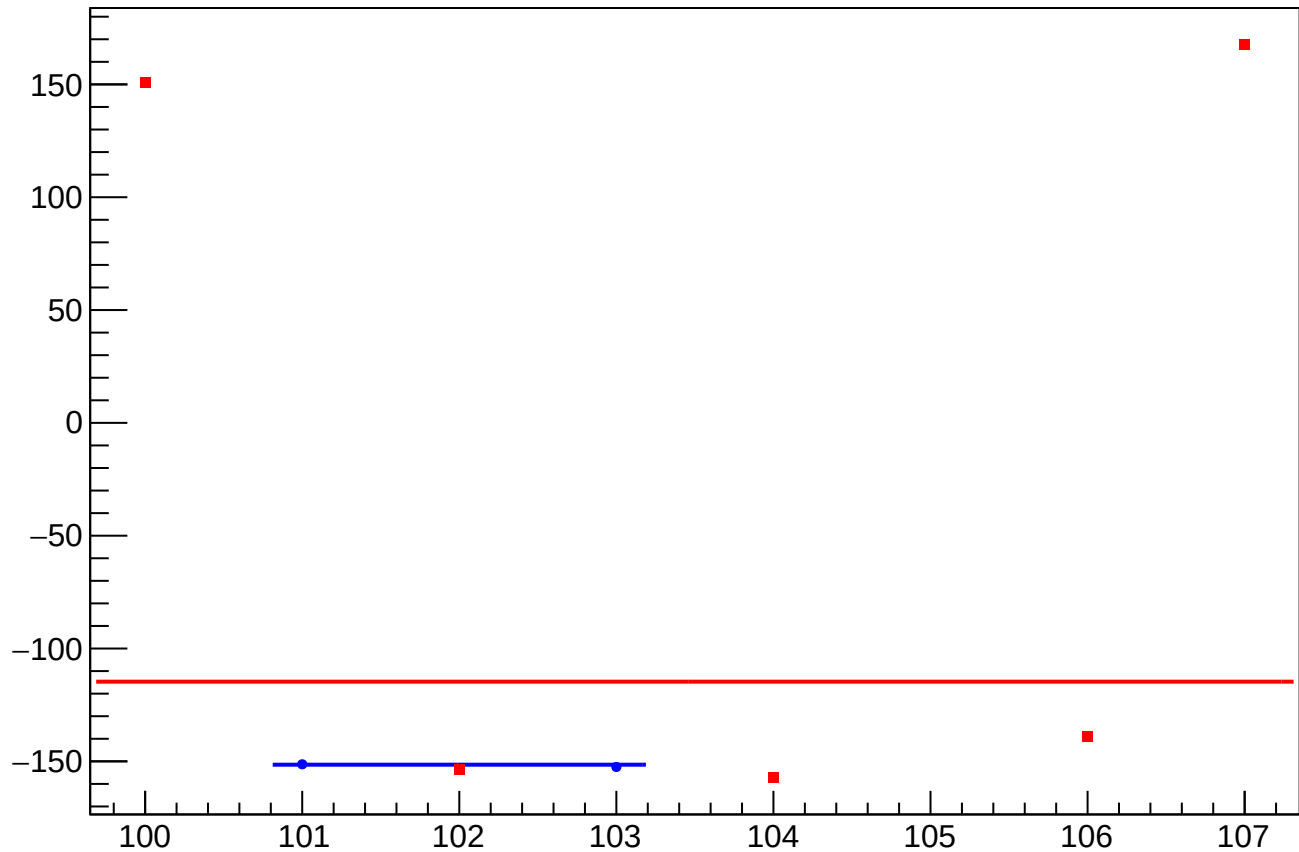
Right: 1.783+/-0.001 χ^2/NDF : 1323278.4/6

In: 1.407+/-0.001 χ^2/NDF : 411169.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.783+/-0.001 χ^2/NDF : 1323278.4/6

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -151.484 $\pm$ 0.003 χ^2 /NDF: 20581.8/1

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

Right Out: -114.691 $\pm$ 0.004 χ^2 /NDF: 629419476.4/4

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

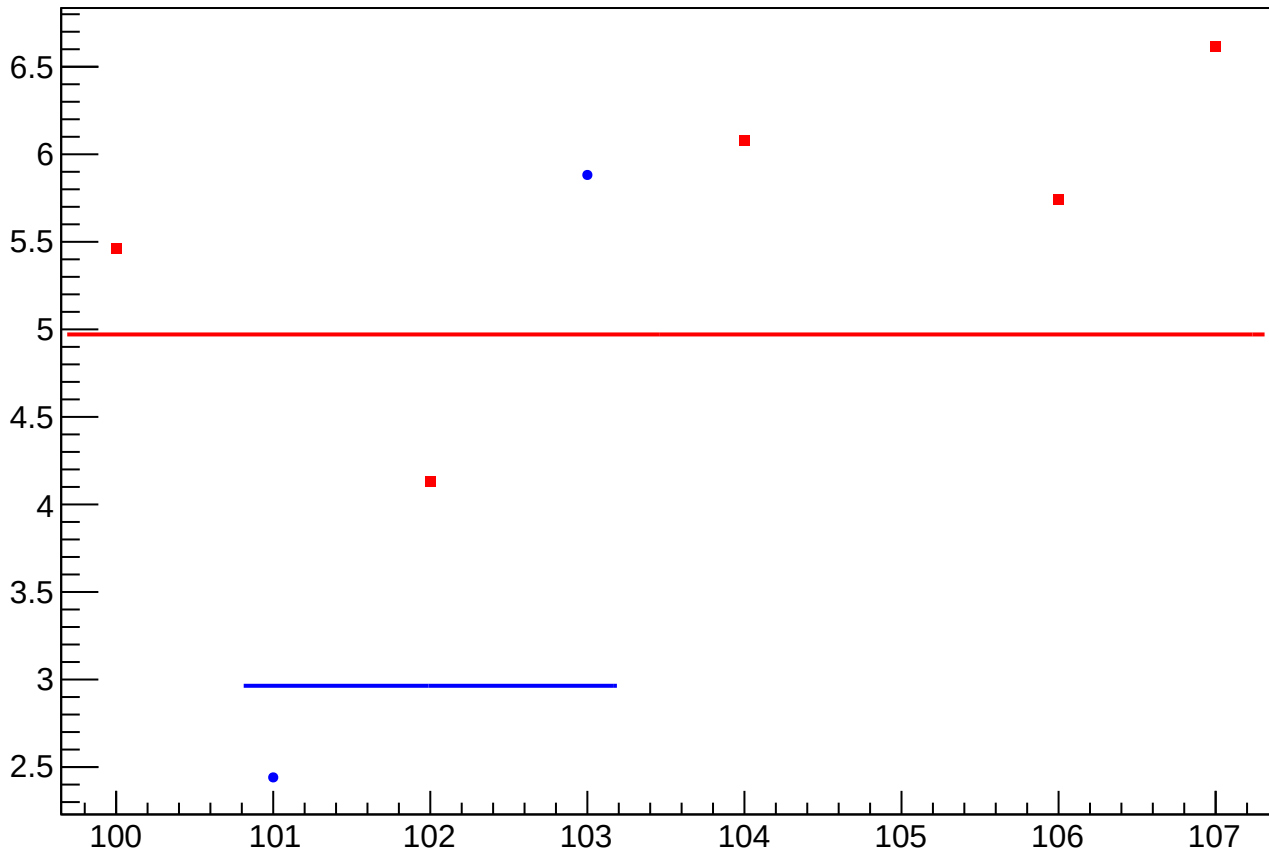
Right: -138.689 $\pm$ 0.002 χ^2 /NDF: 682301724.8/6

In: -151.484 $\pm$ 0.003 χ^2 /NDF:20581.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -138.689 $\pm$ 0.002 χ^2 /NDF: 682301724.8/6

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 2.964 $\pm$ 0.002 χ^2 /NDF: 342888.9/1

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

Right Out: 4.971 $\pm$ 0.003 χ^2 /NDF: 113321.3/4

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

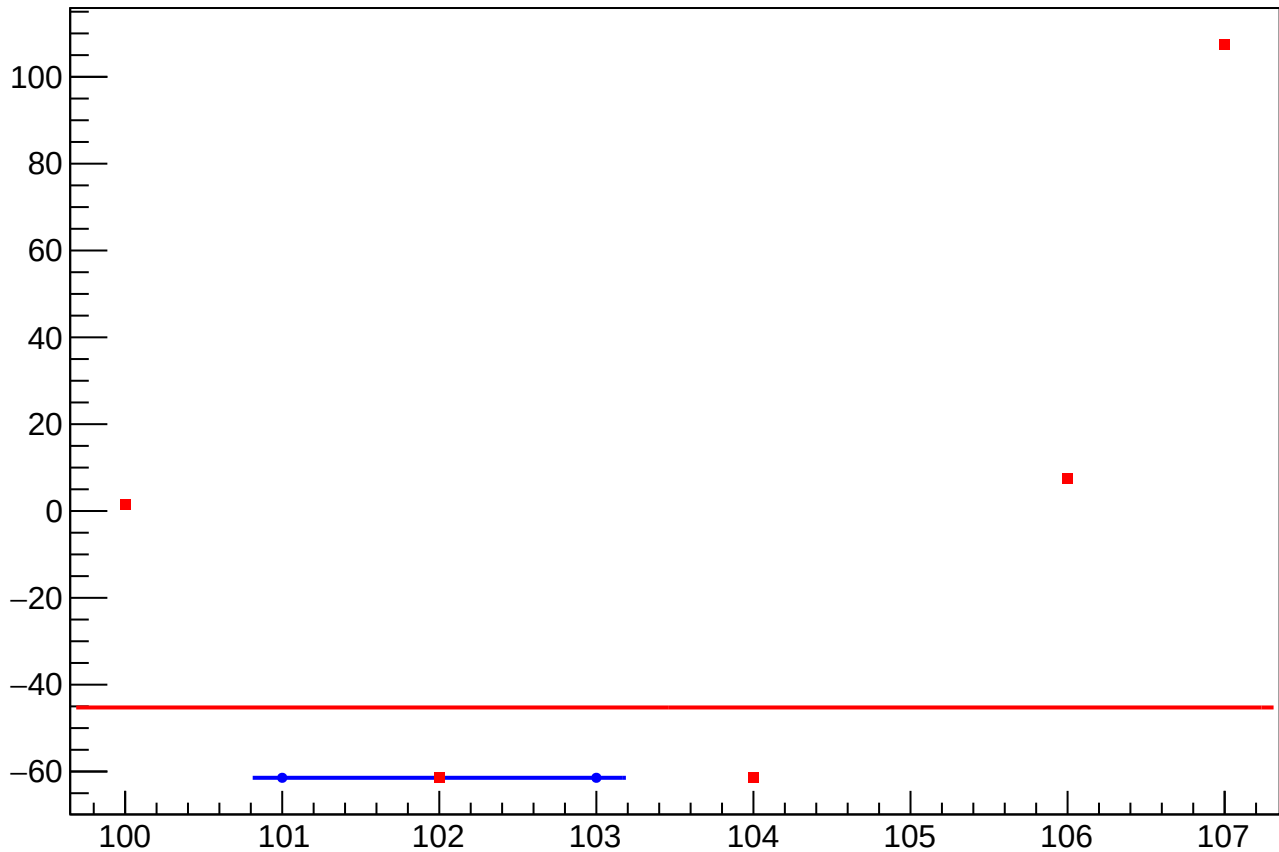
Right: 3.662 $\pm$ 0.002 χ^2 /NDF: 770699.7/6

In: 2.964 $\pm$ 0.002 χ^2 /NDF: 342888.9/1

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

All: 3.662 $\pm$ 0.002 χ^2 /NDF: 770699.7/6

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -61.449+/-0.000 χ^2/NDF : 74740.6/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

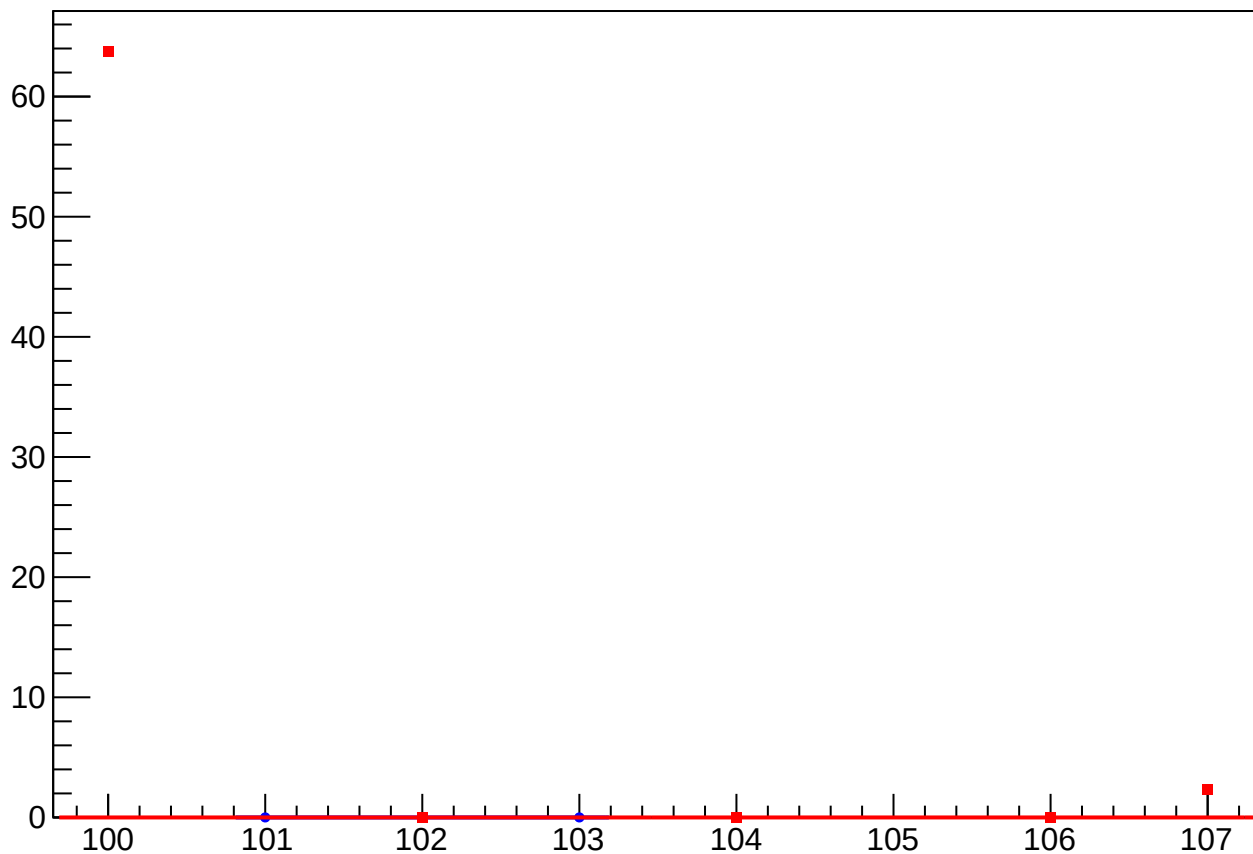
Right: -52.758+/-0.000 χ^2/NDF : 408763172154339

In: -61.449+/-0.000 χ^2/NDF : 74740.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -52.758+/-0.000 χ^2/NDF : 408763172154

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 167.5/1

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

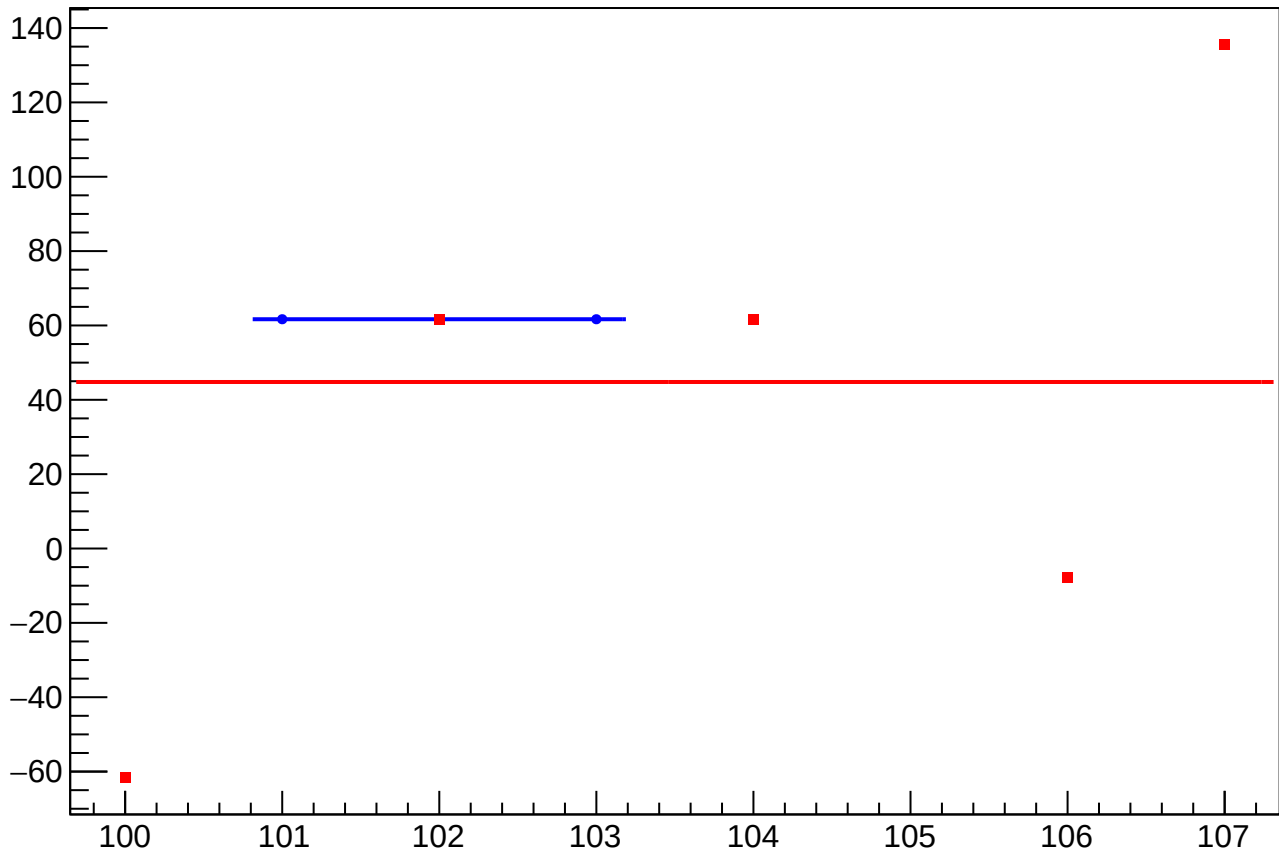
Right: 0.001+/-0.000 χ^2/NDF : 470622.7/6

In: 0.001+/-0.000 χ^2/NDF : 167.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 470622.7/6

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 61.673+/-0.000 χ^2/NDF : 119116.5/1

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

Right Out: 44.793+/-0.000 χ^2/NDF : 365869684858255.2/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

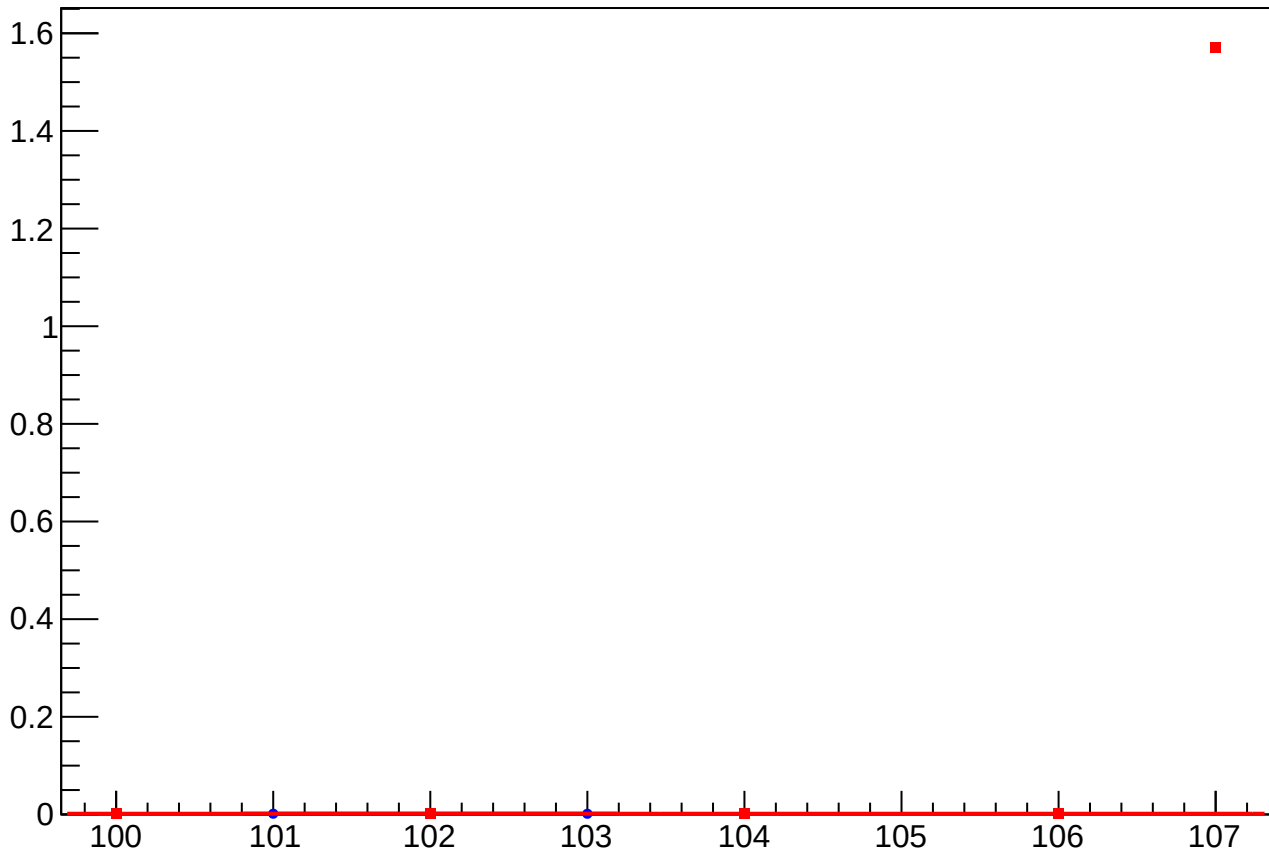
Right: 52.698+/-0.000 χ^2/NDF : 416990798529270.4

In: 61.673+/-0.000 χ^2/NDF : 119116.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.698+/-0.000 χ^2/NDF : 416990798529270.4

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 827.9/1

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

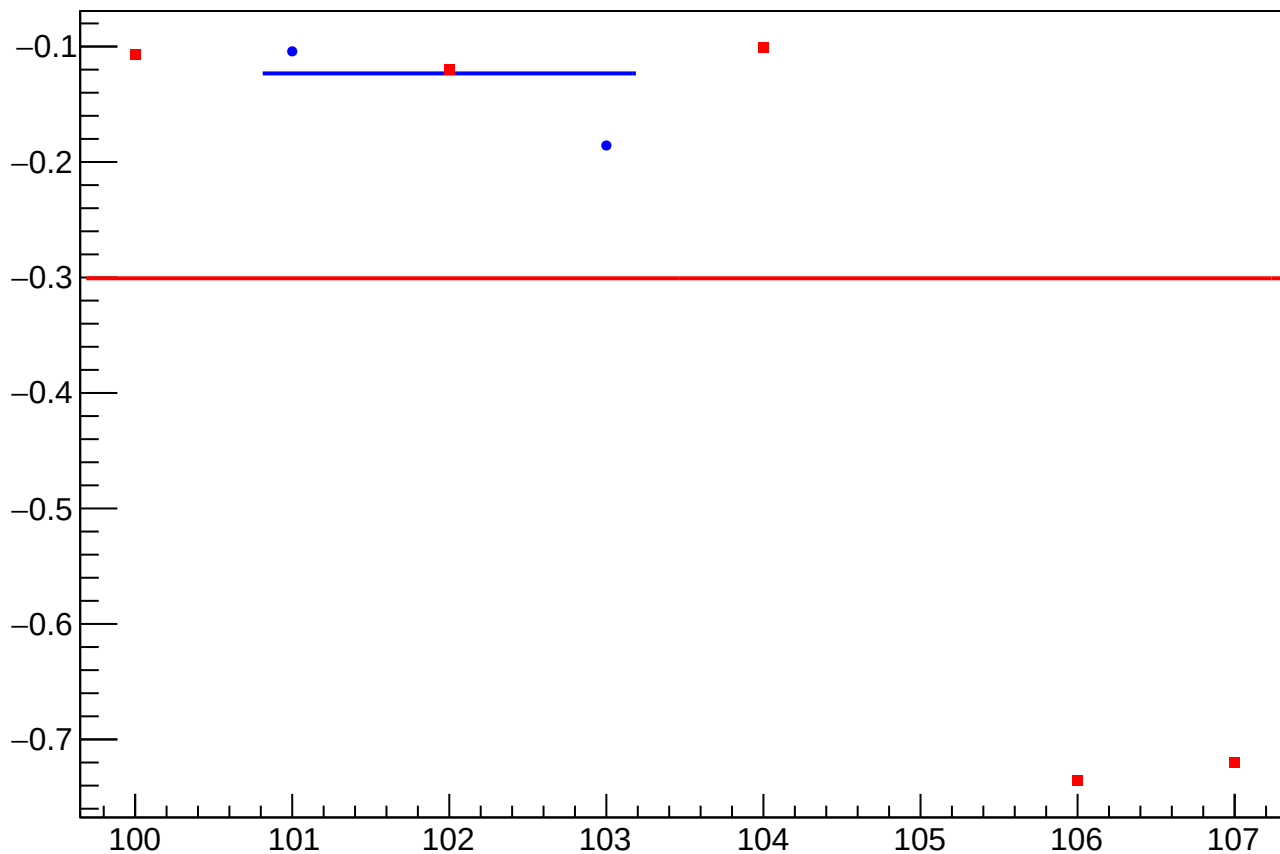
Right: 0.001+/-0.000 χ^2/NDF : 233534.3/6

In: 0.001+/-0.000 χ^2/NDF : 827.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 233534.3/6

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.123+/-0.000 χ^2/NDF : 683525.5/1

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

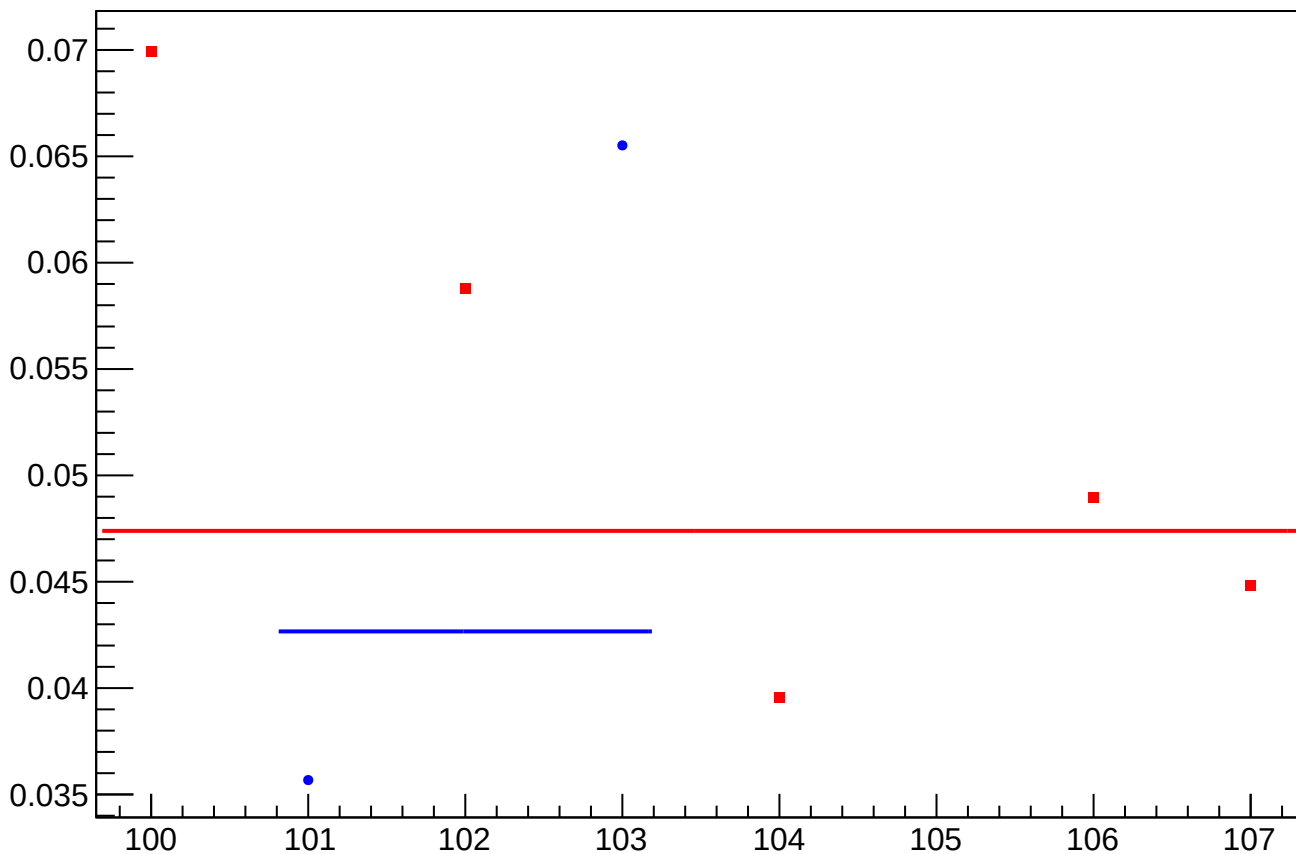
Right: -0.217+/-0.000 χ^2/NDF : 63391967.7/6

In: -0.123+/-0.000 χ^2/NDF : 683525.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.217+/-0.000 χ^2/NDF : 63391967.7/6

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.043+/-0.000 χ^2/NDF : 183178.1/1

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

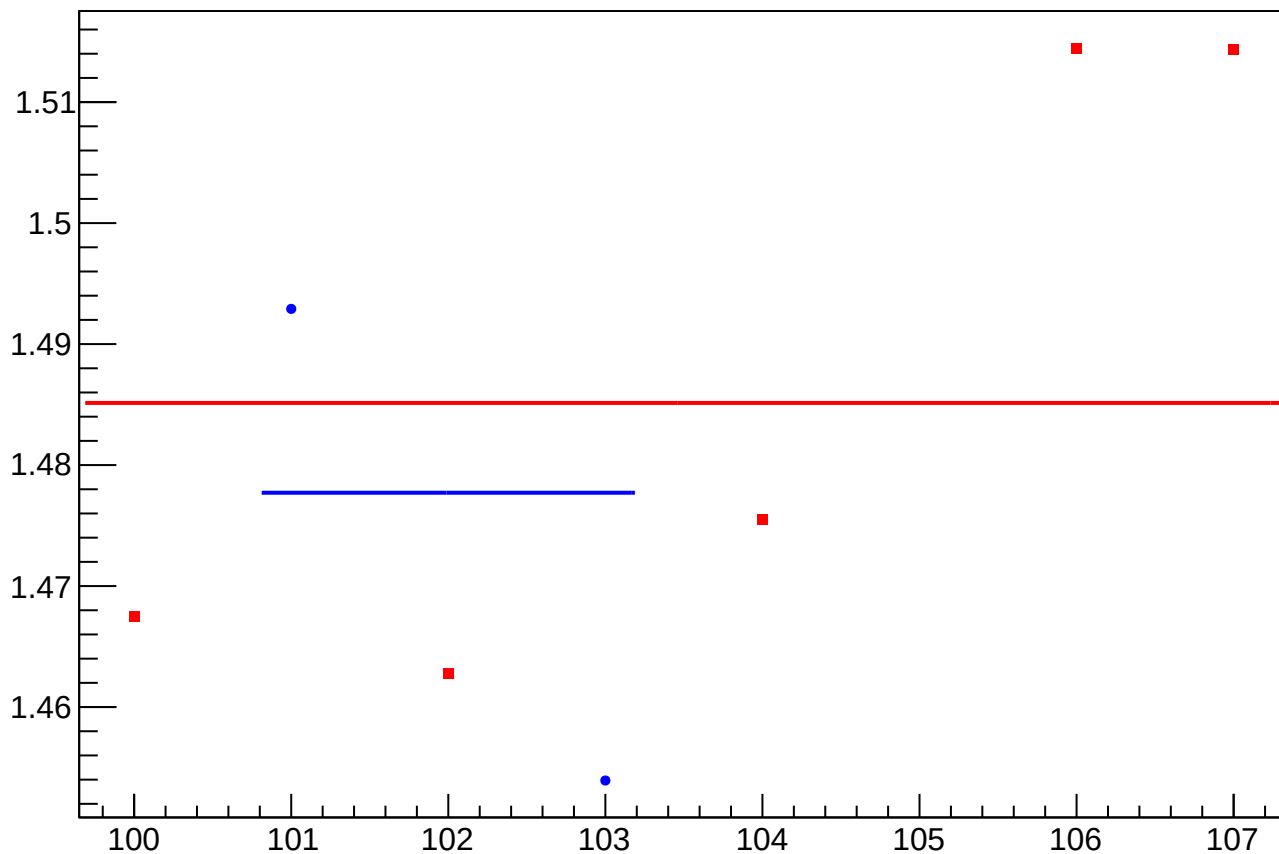
Right: 0.045+/-0.000 χ^2/NDF : 288766.1/6

In: 0.043+/-0.000 χ^2/NDF : 183178.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.045+/-0.000 χ^2/NDF : 288766.1/6

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 1.478+/-0.000 χ^2/NDF : 1524700.3/1

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

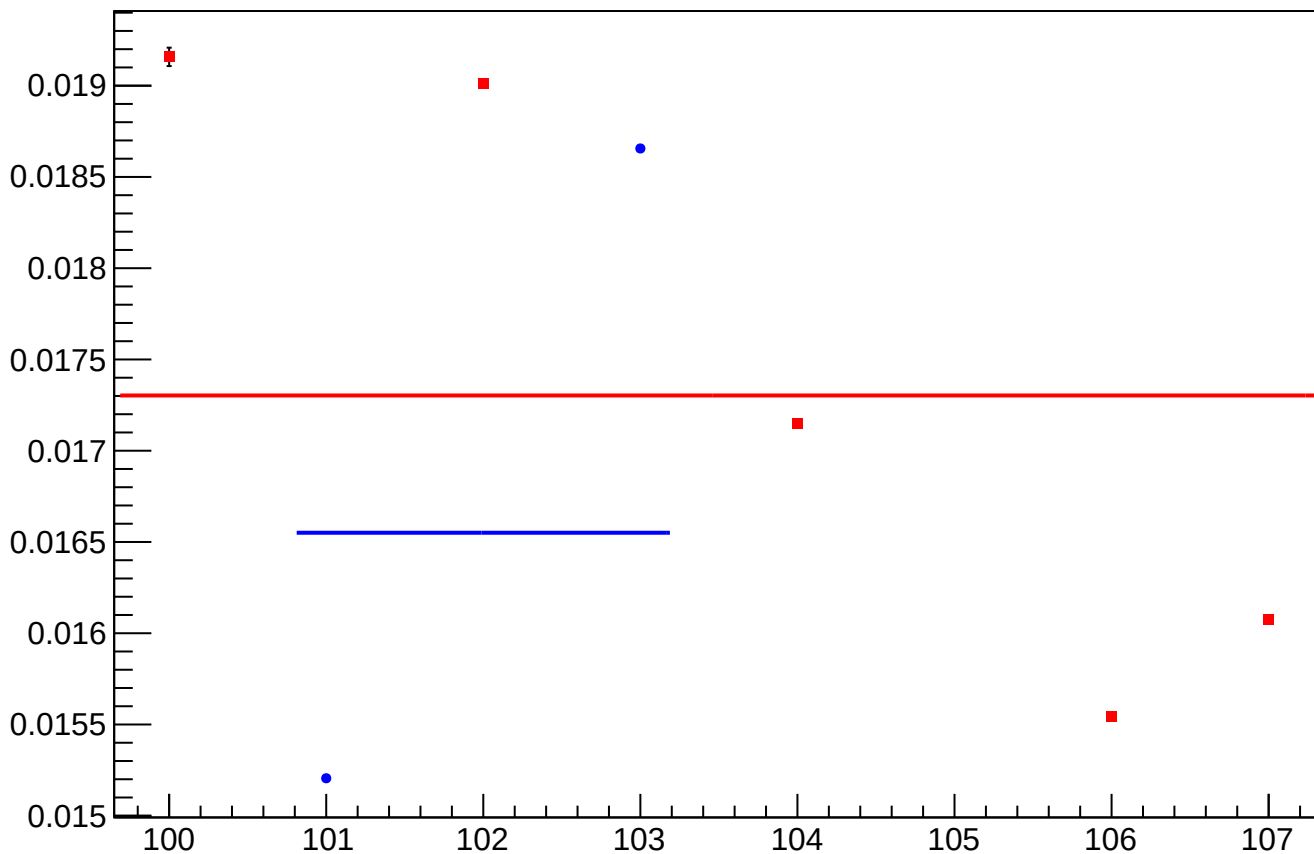
Right: 1.482+/-0.000 χ^2/NDF : 4381946.7/6

In: 1.478+/-0.000 χ^2/NDF : 1524700.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.482+/-0.000 χ^2/NDF : 4381946.7/6

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 23894.5/1

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

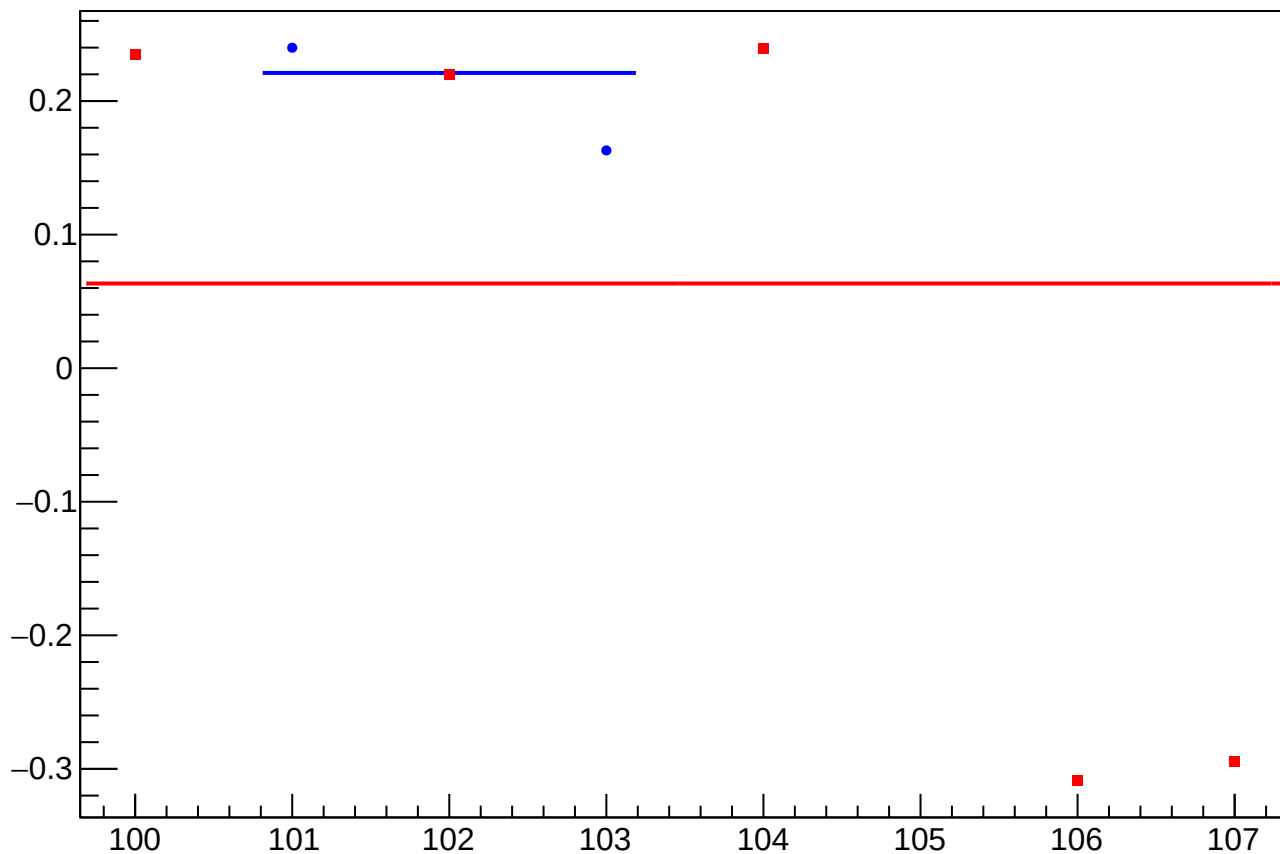
Right: 0.017+/-0.000 χ^2/NDF : 47308.5/6

In: 0.017+/-0.000 χ^2/NDF : 23894.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.000 χ^2/NDF : 47308.5/6

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: 0.221+/-0.000 χ^2/NDF : 571074.9/1

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

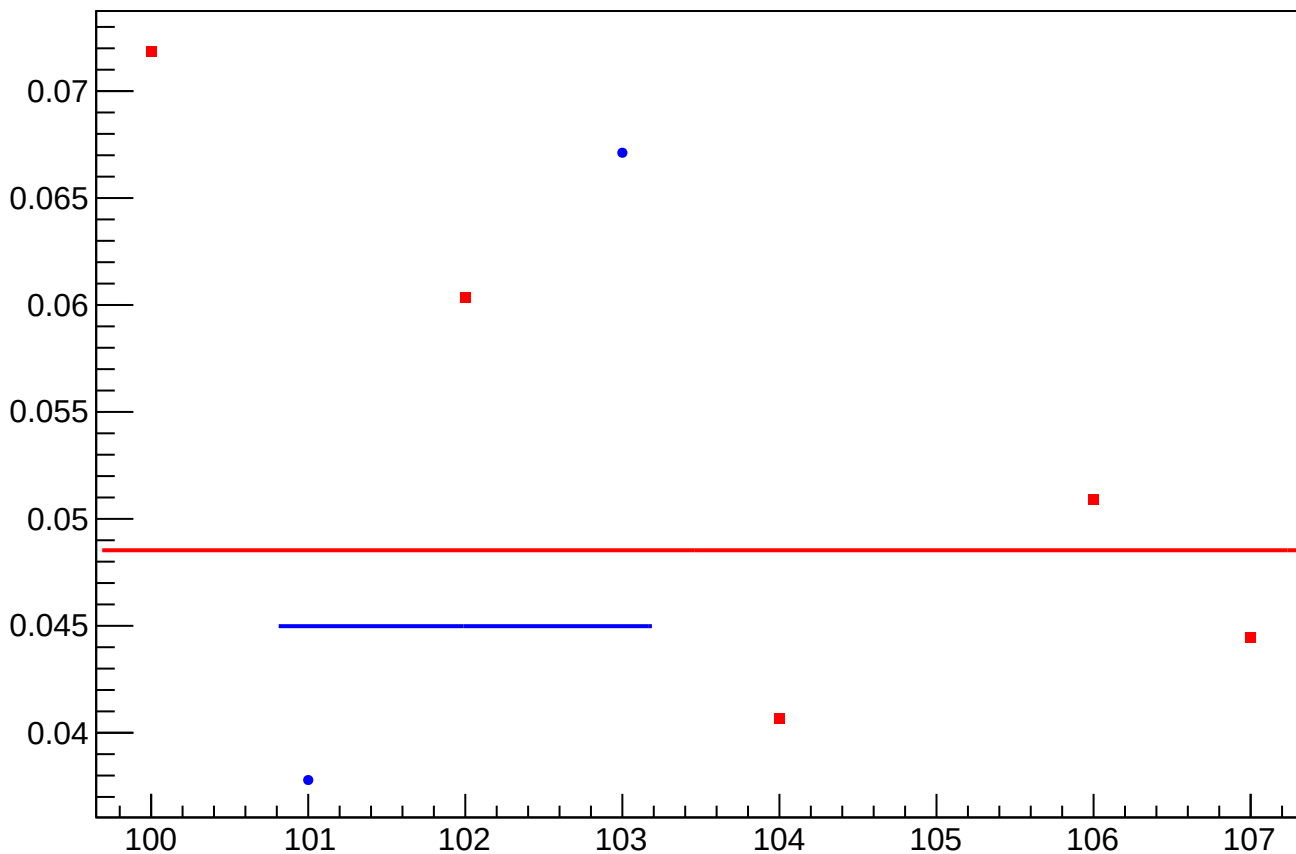
Right: 0.136+/-0.000 χ^2/NDF : 45564763.6/6

In: 0.221+/-0.000 χ^2/NDF : 571074.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.136+/-0.000 χ^2/NDF : 45564763.6/6

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.045+/-0.000 χ^2/NDF : 166204.3/1

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

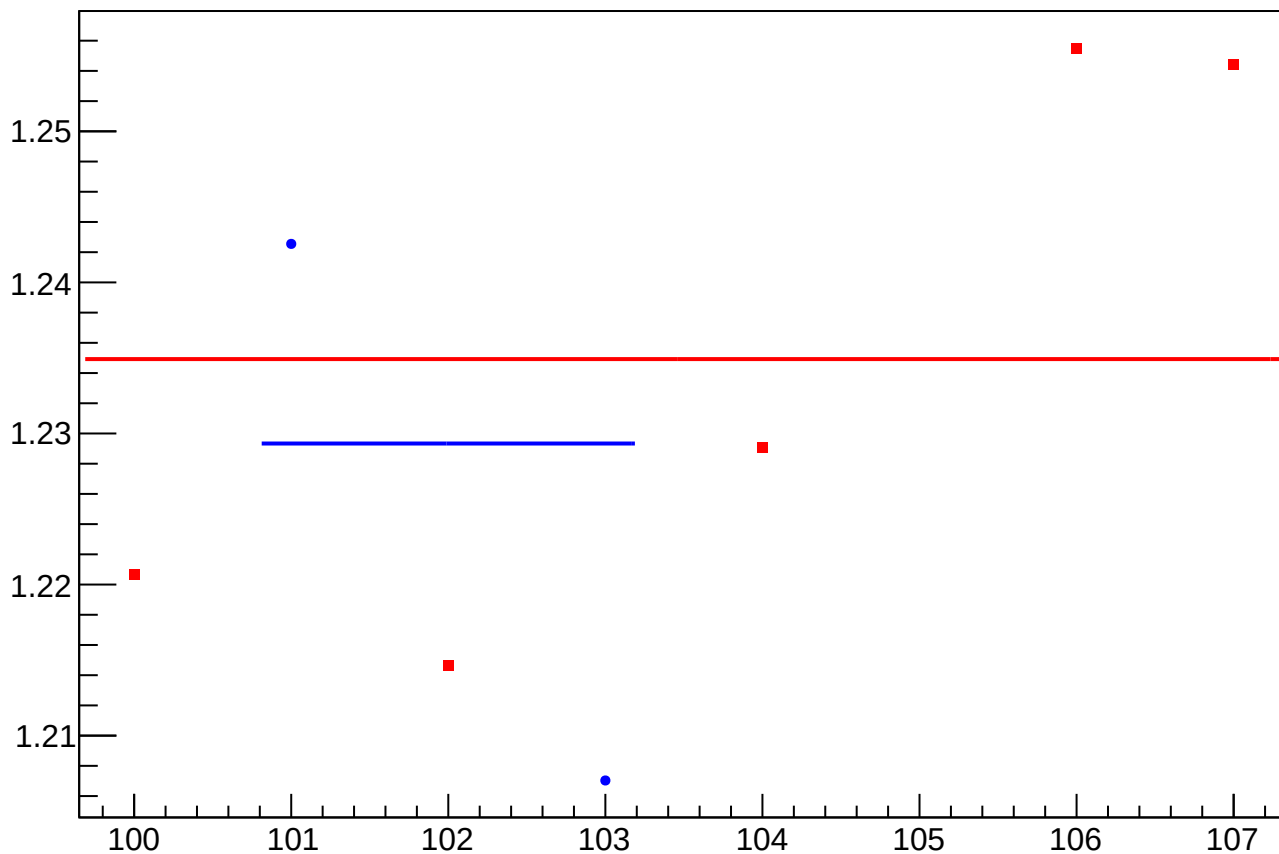
Right: 0.047+/-0.000 χ^2/NDF : 267336.7/6

In: 0.045+/-0.000 χ^2/NDF : 166204.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.047+/-0.000 χ^2/NDF : 267336.7/6

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 1.229+/-0.000 χ^2/NDF : 1754112.9/1

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

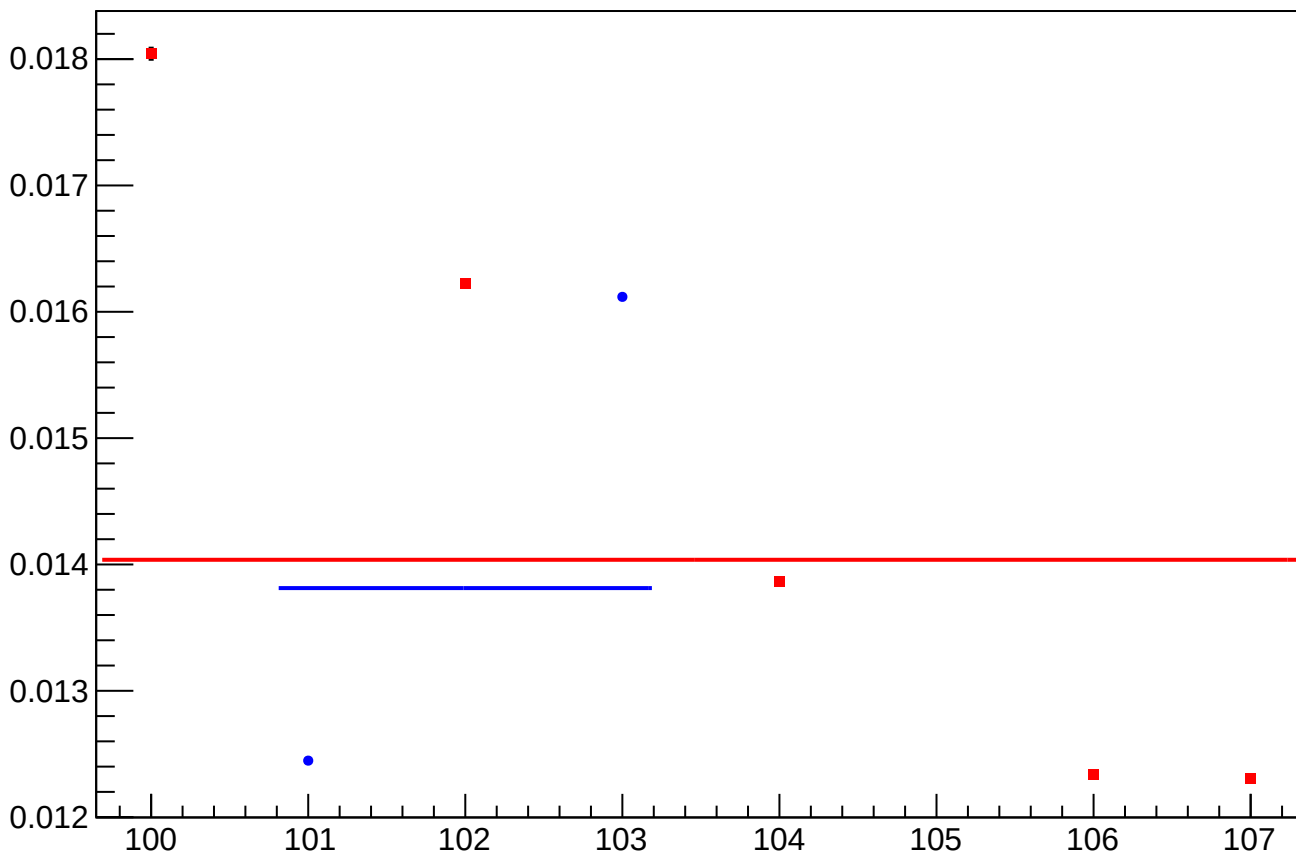
Right: 1.233+/-0.000 χ^2/NDF : 4228312.5/6

In: 1.229+/-0.000 χ^2/NDF : 1754112.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.233+/-0.000 χ^2/NDF : 4228312.5/6

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 37471.8/1

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

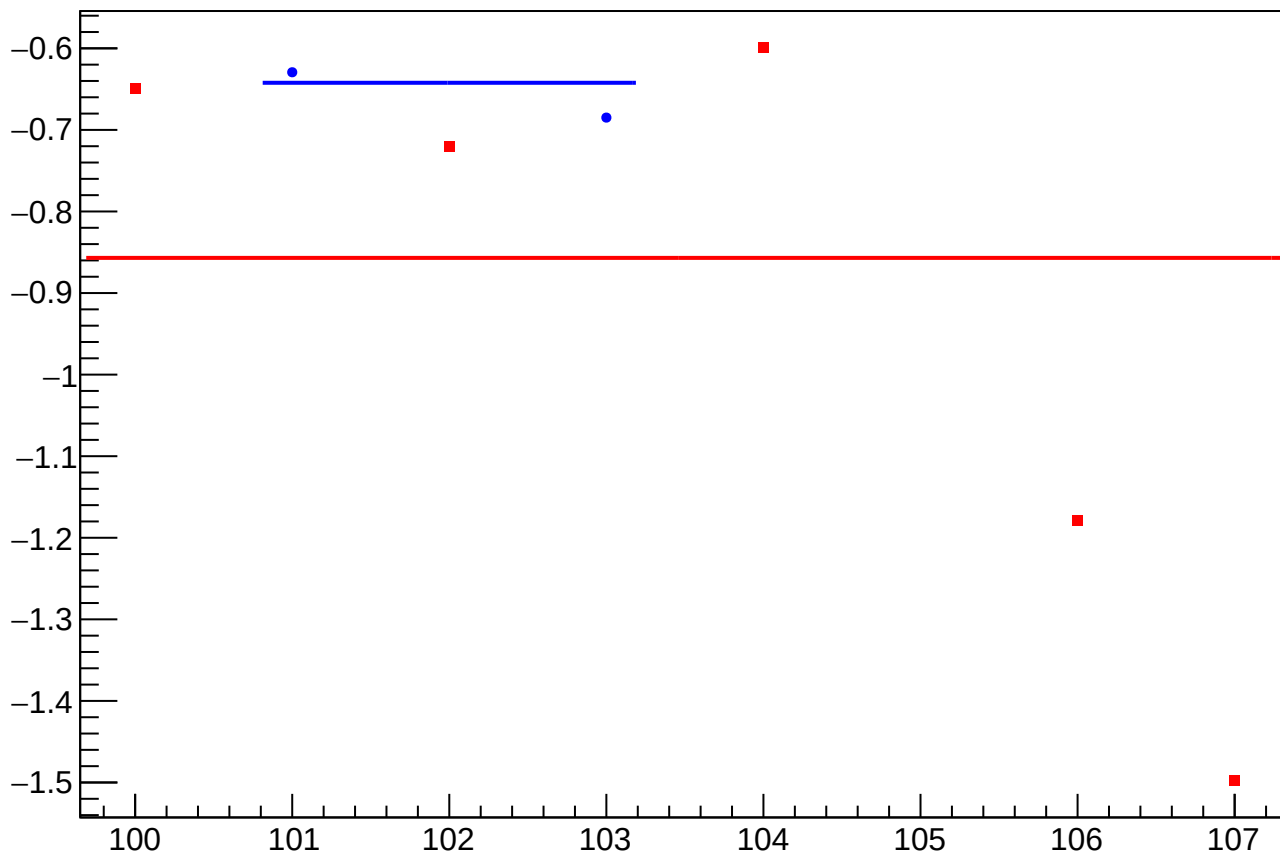
Right: 0.014+/-0.000 χ^2/NDF : 85674.6/6

In: 0.014+/-0.000 χ^2/NDF : 37471.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 85674.6/6

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -0.642+/-0.000 χ^2/NDF : 323757.2/1

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

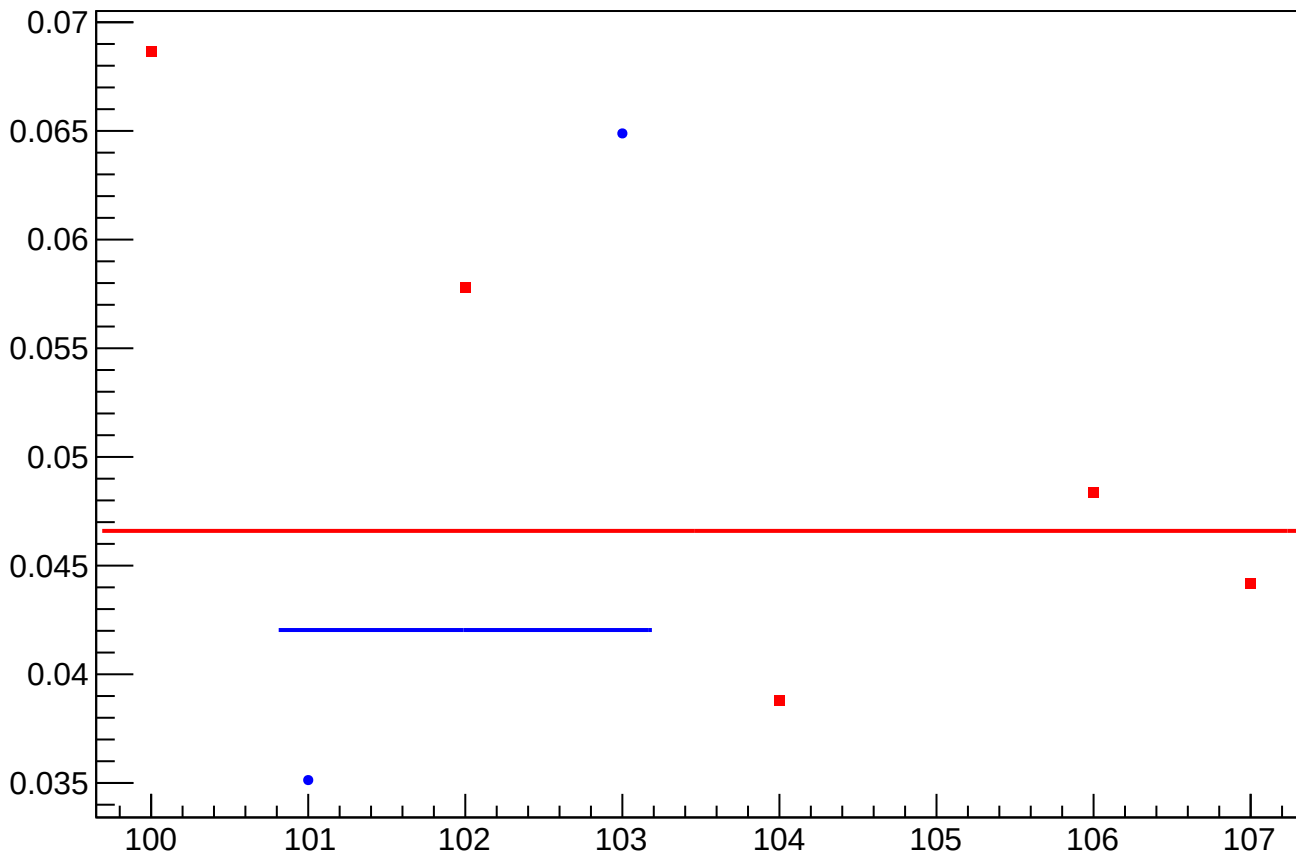
Right: -0.756+/-0.000 χ^2/NDF : 88736956.2/6

In: -0.642+/-0.000 χ^2/NDF : 323757.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.756+/-0.000 χ^2/NDF : 88736956.2/6

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.042+/-0.000 χ^2/NDF : 185554.1/1

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

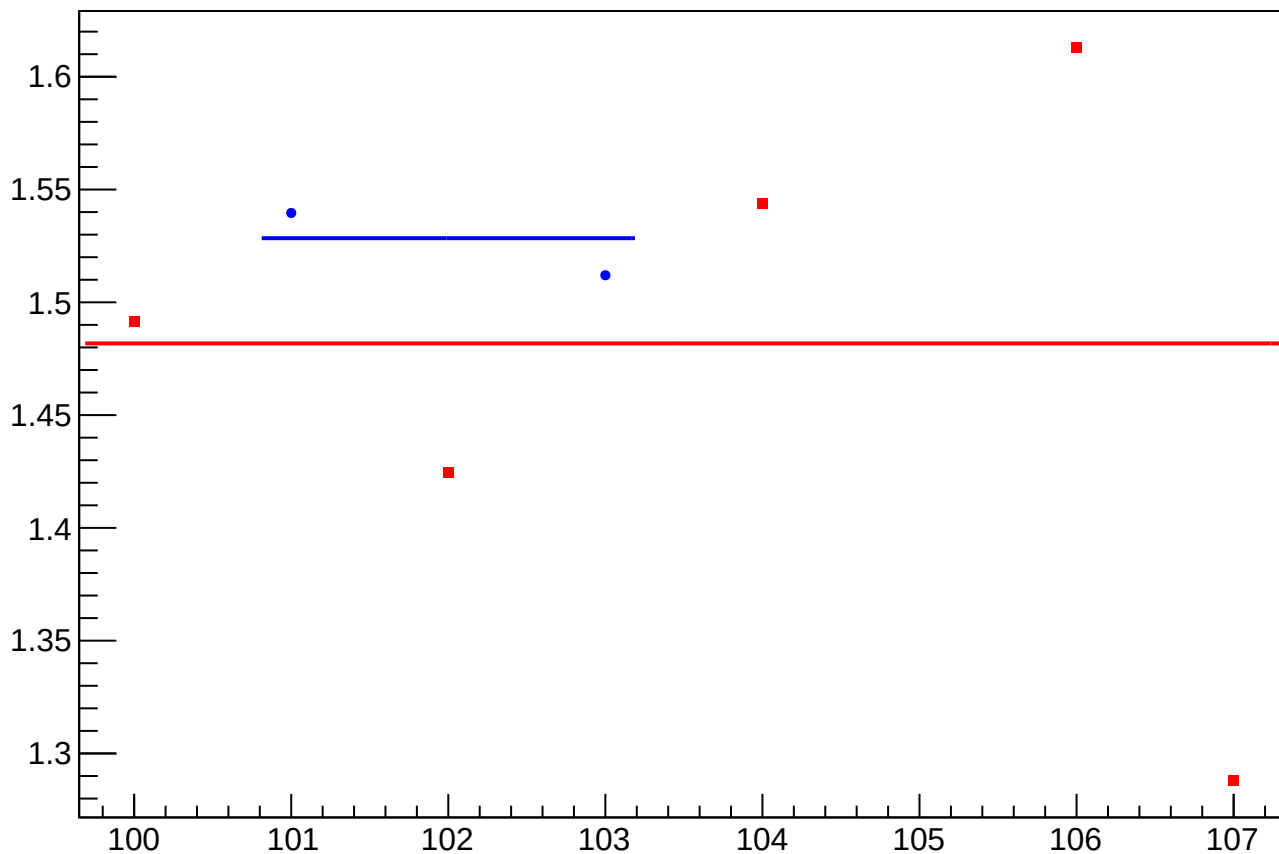
Right: 0.044+/-0.000 χ^2/NDF : 291243.2/6

In: 0.042+/-0.000 χ^2/NDF : 185554.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.044+/-0.000 χ^2/NDF : 291243.2/6

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 1.528+/-0.000 χ^2/NDF : 711050.9/1

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

Right Out: 1.482+/-0.000 χ^2/NDF : 60277214.4/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

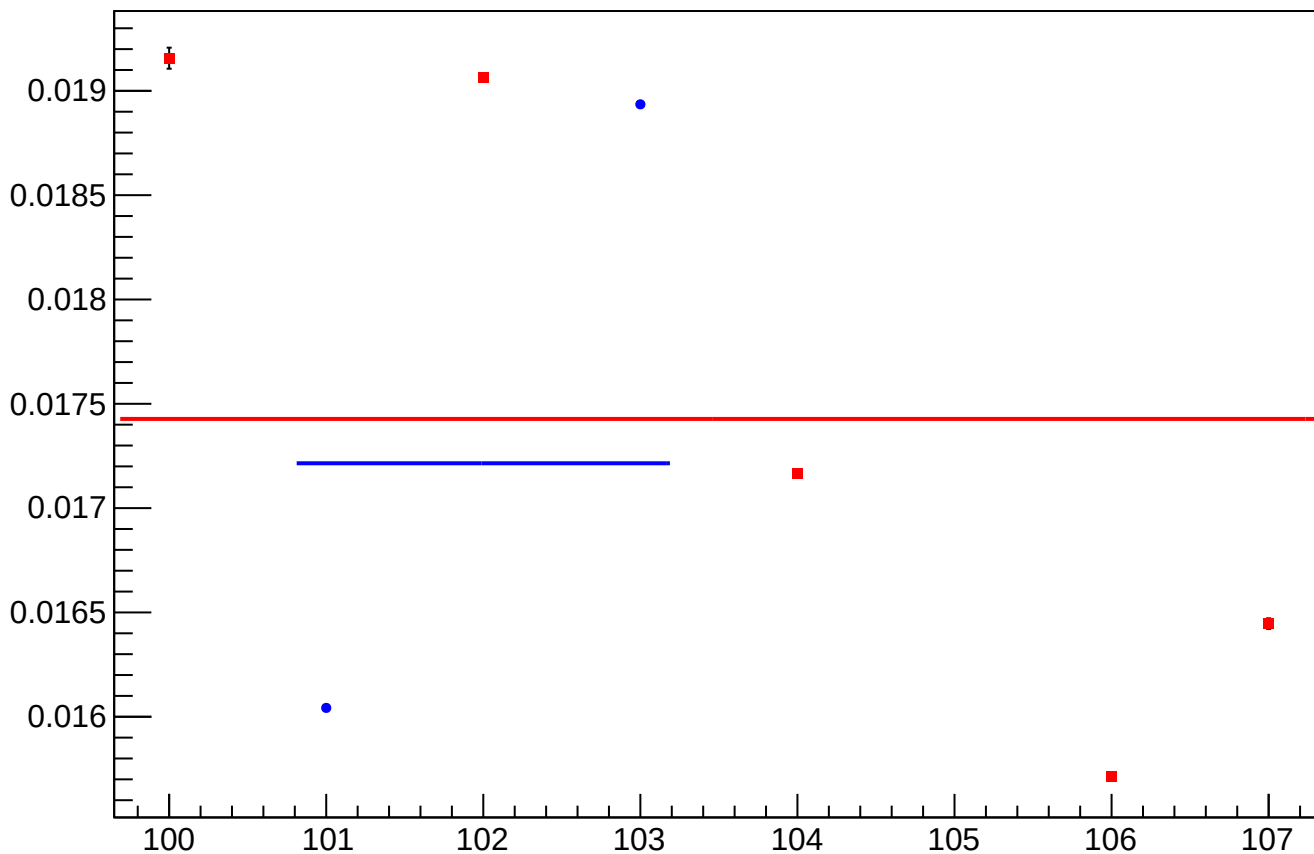
Right: 1.501+/-0.000 χ^2/NDF : 65891073.5/6

In: 1.528+/-0.000 χ^2/NDF : 711050.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.501+/-0.000 χ^2/NDF : 65891073.5/6

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 15592.9/1

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

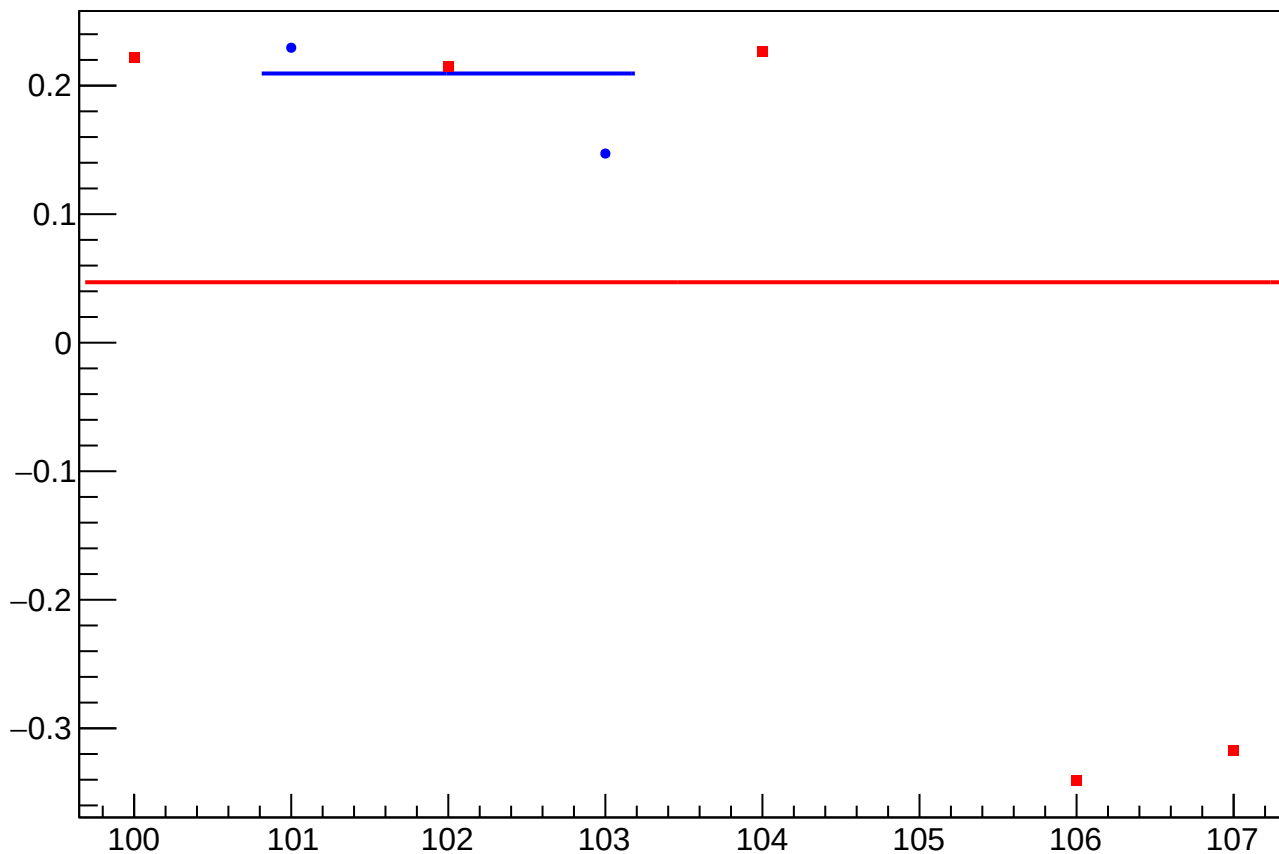
Right: 0.017+/-0.000 χ^2/NDF : 34136.2/6

In: 0.017+/-0.000 χ^2/NDF :15592.9/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.017+/-0.000 χ^2/NDF : 34136.2/6

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: 0.209+/-0.000 χ^2/NDF : 638271.8/1

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

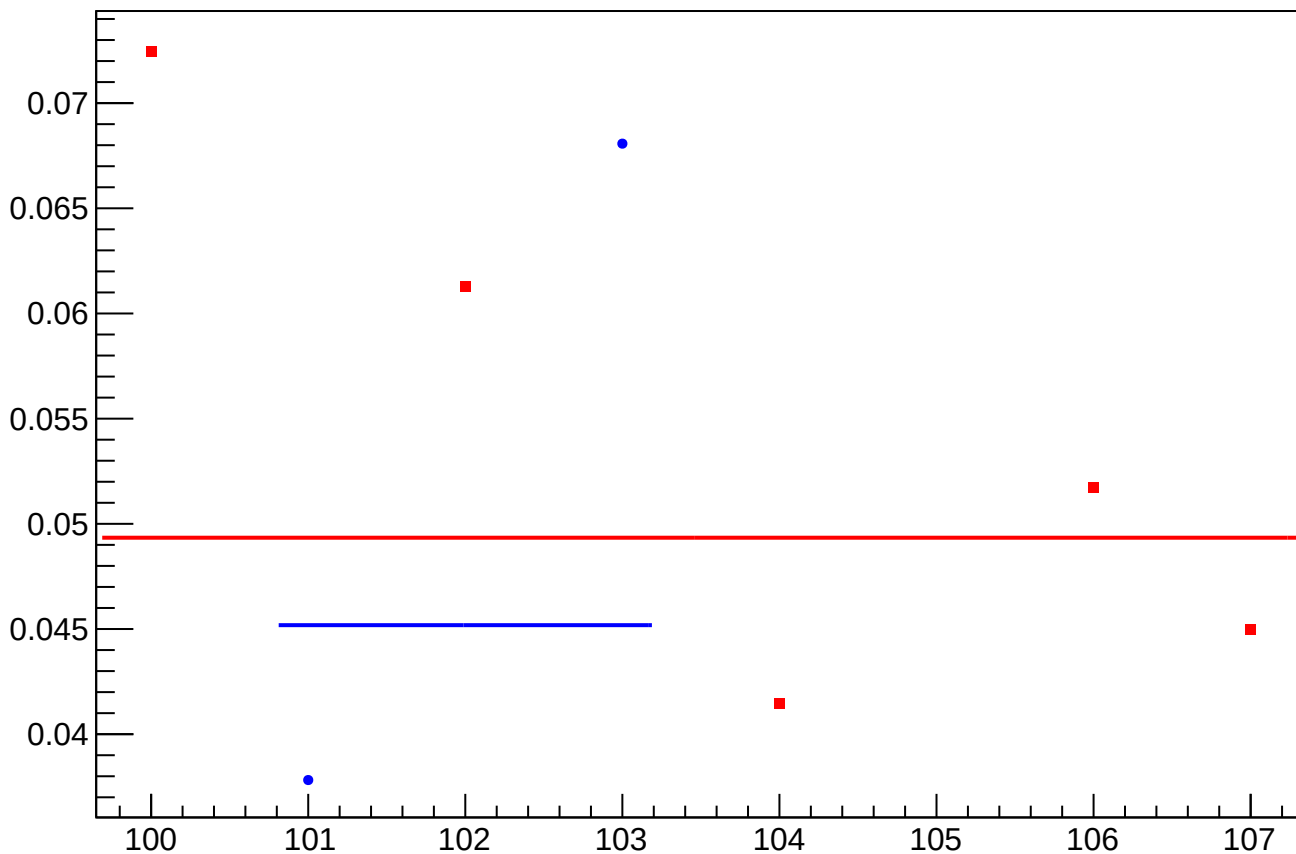
Right: 0.122+/-0.000 χ^2/NDF : 47243954.7/6

In: 0.209+/-0.000 χ^2/NDF : 638271.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.122+/-0.000 χ^2/NDF : 47243954.7/6

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.045+/-0.000 χ^2/NDF : 172379.8/1

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

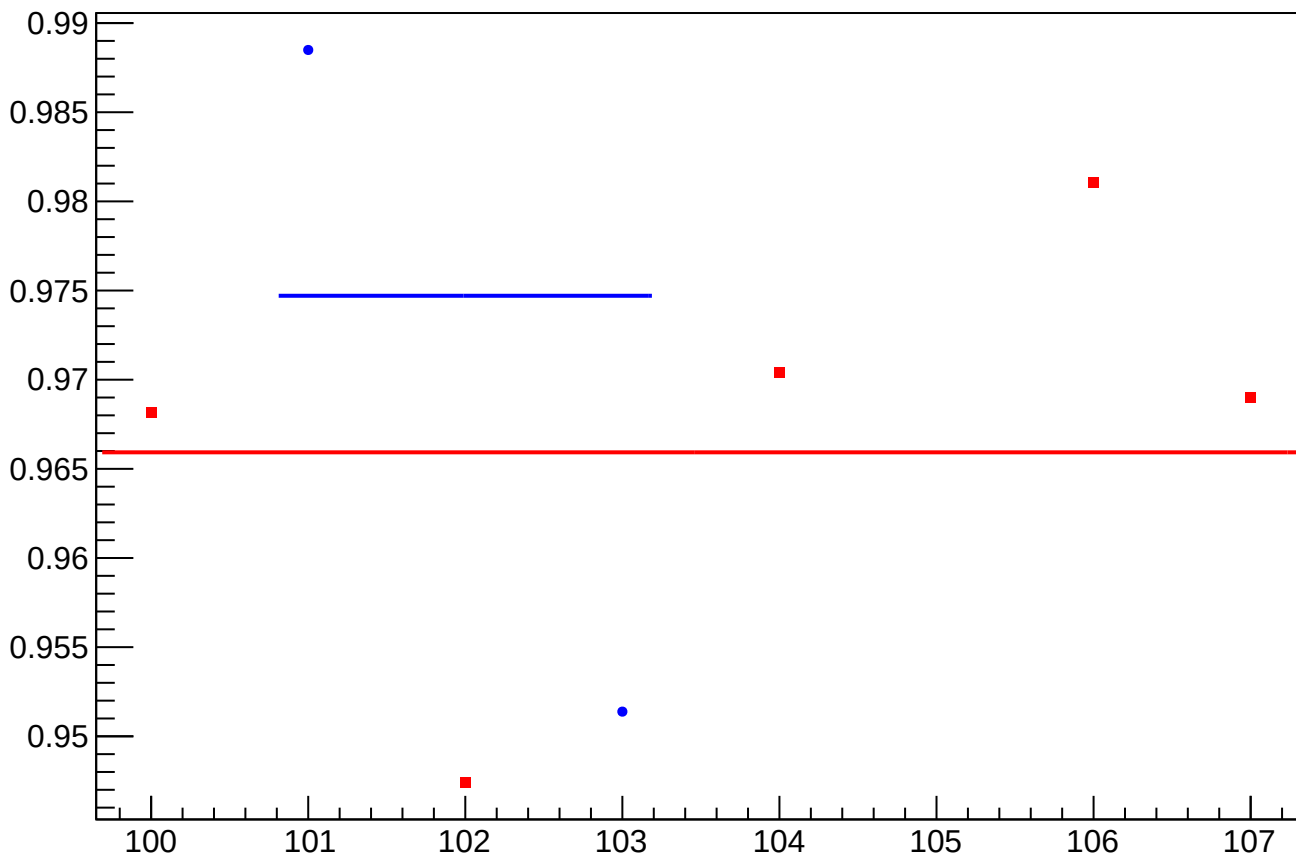
Right: 0.047+/-0.000 χ^2/NDF : 274135.2/6

In: 0.045+/-0.000 χ^2/NDF : 172379.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.047+/-0.000 χ^2/NDF : 274135.2/6

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.975+/-0.000 χ^2/NDF : 1869302.9/1

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

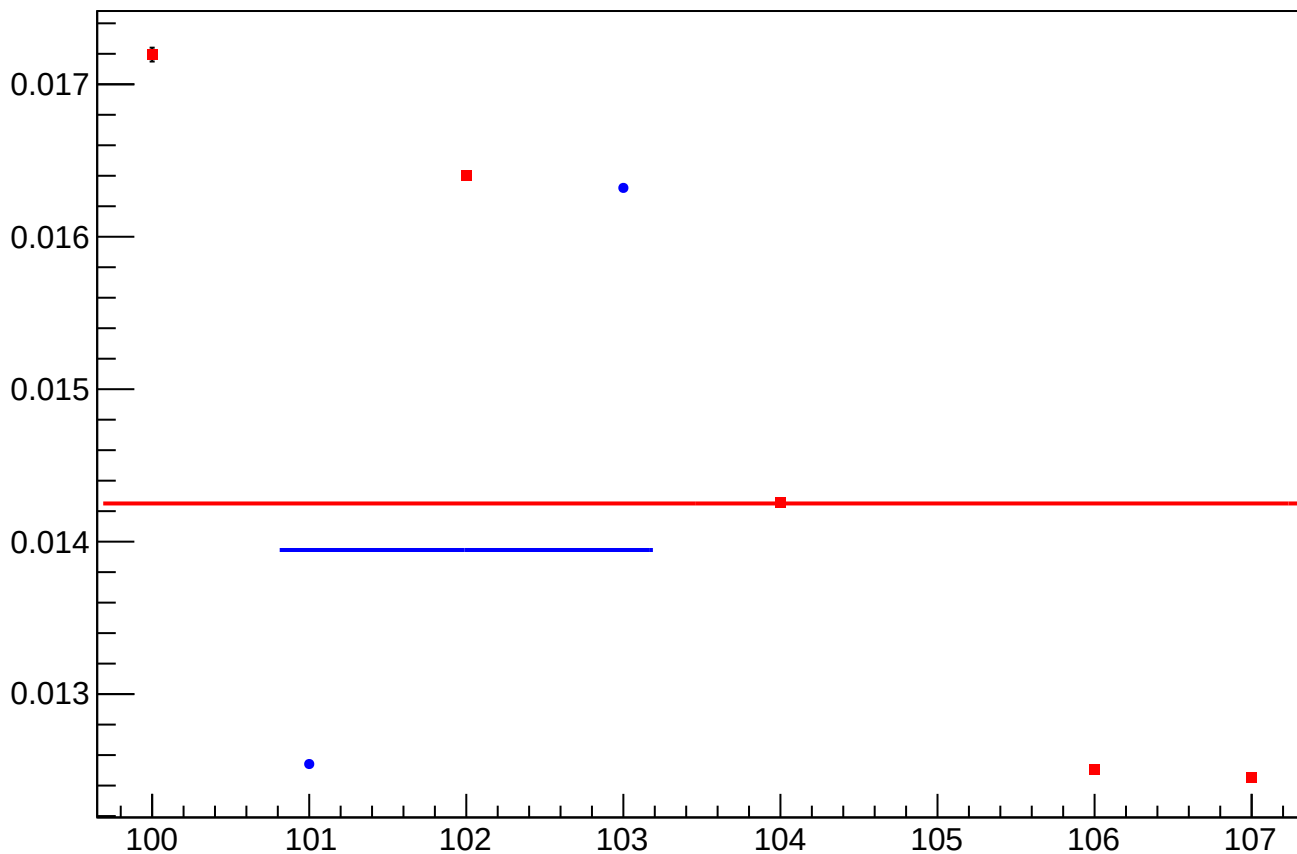
Right: 0.970+/-0.000 χ^2/NDF : 3361425.7/6

In: 0.975+/-0.000 χ^2/NDF : 1869302.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.970+/-0.000 χ^2/NDF : 3361425.7/6

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 38775.9/1

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

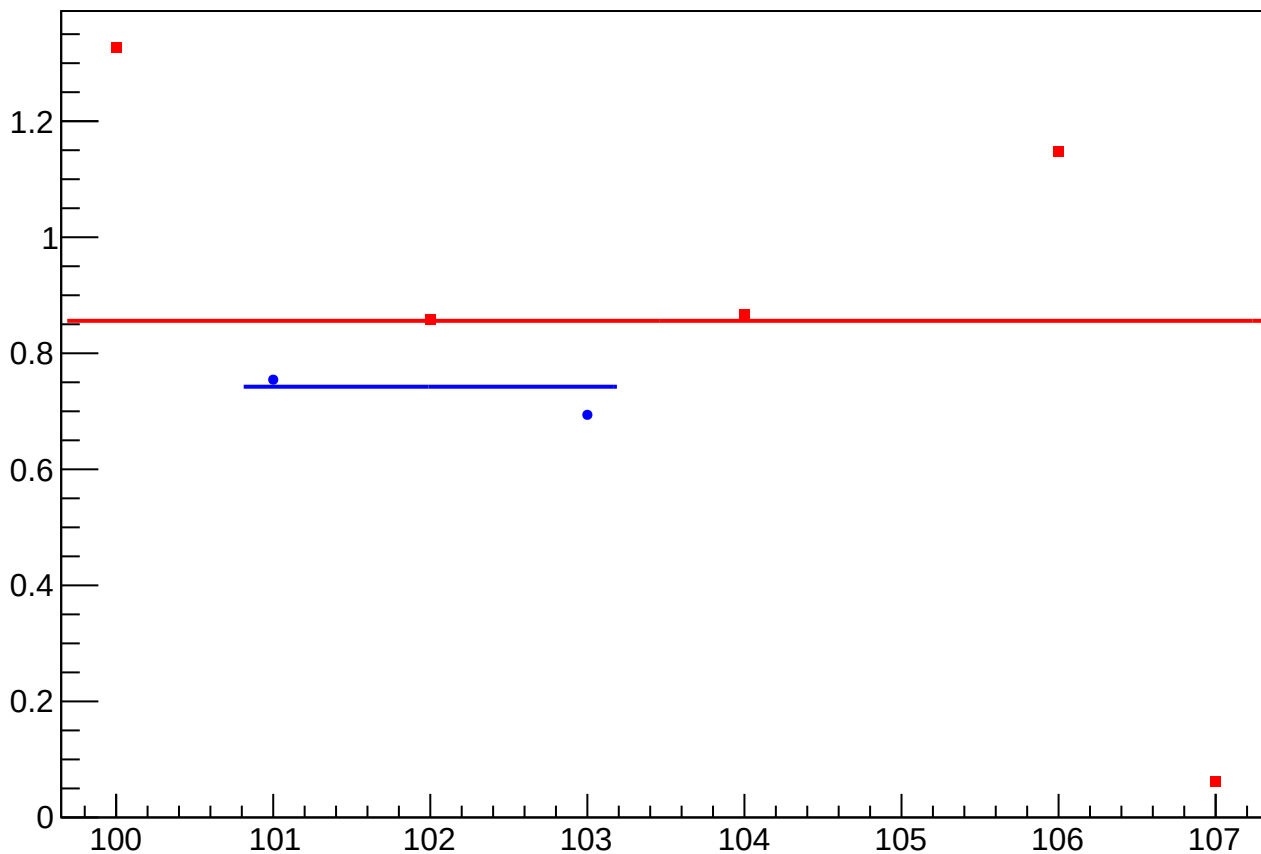
Right: 0.014+/-0.000 χ^2/NDF : 84287.4/6

In: 0.014+/-0.000 χ^2/NDF : 38775.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 84287.4/6

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.742+/-0.000 χ^2/NDF : 564629.7/1

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

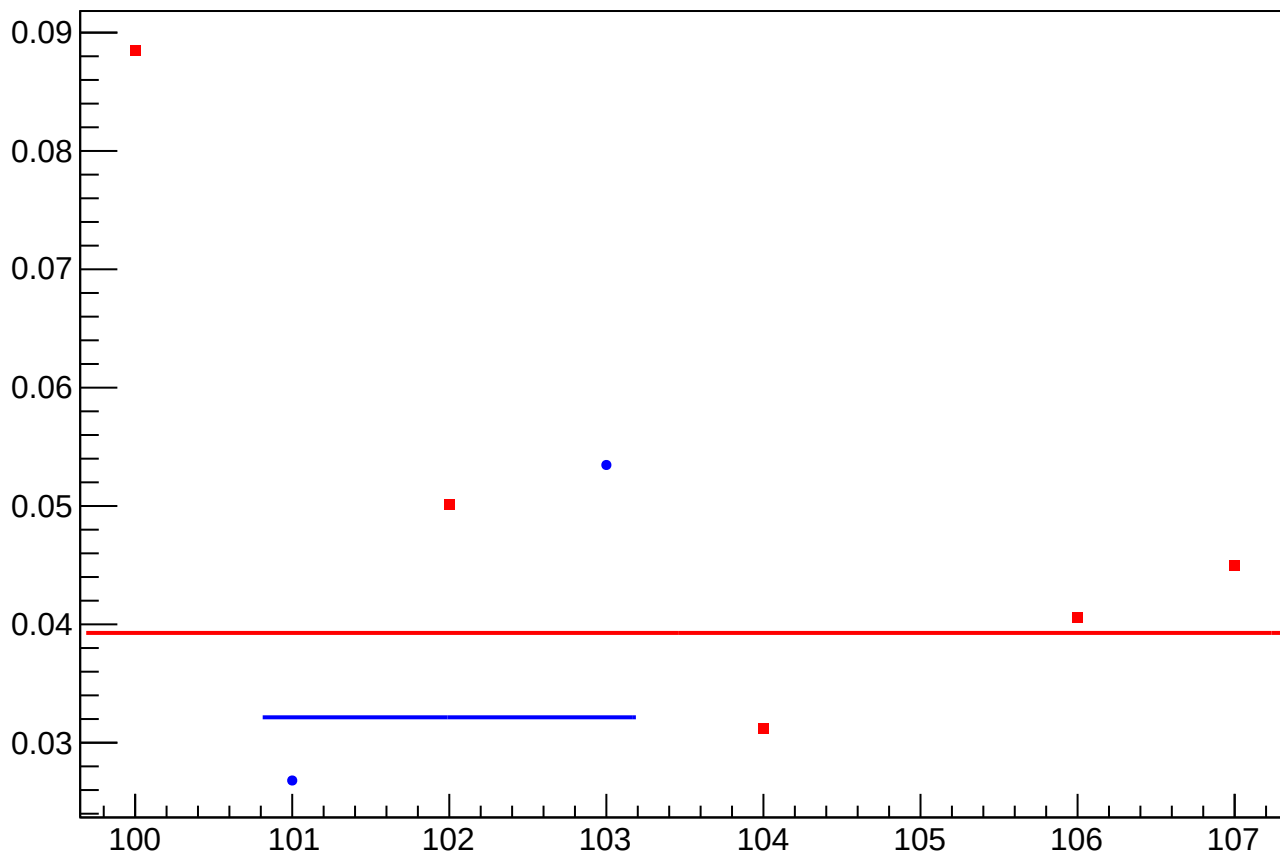
Right: 0.796+/-0.000 χ^2/NDF : 62838574.1/6

In: 0.742+/-0.000 χ^2/NDF : 564629.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.796+/-0.000 χ^2/NDF : 62838574.1/6

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.032+/-0.000 χ^2/NDF : 218735.2/1

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

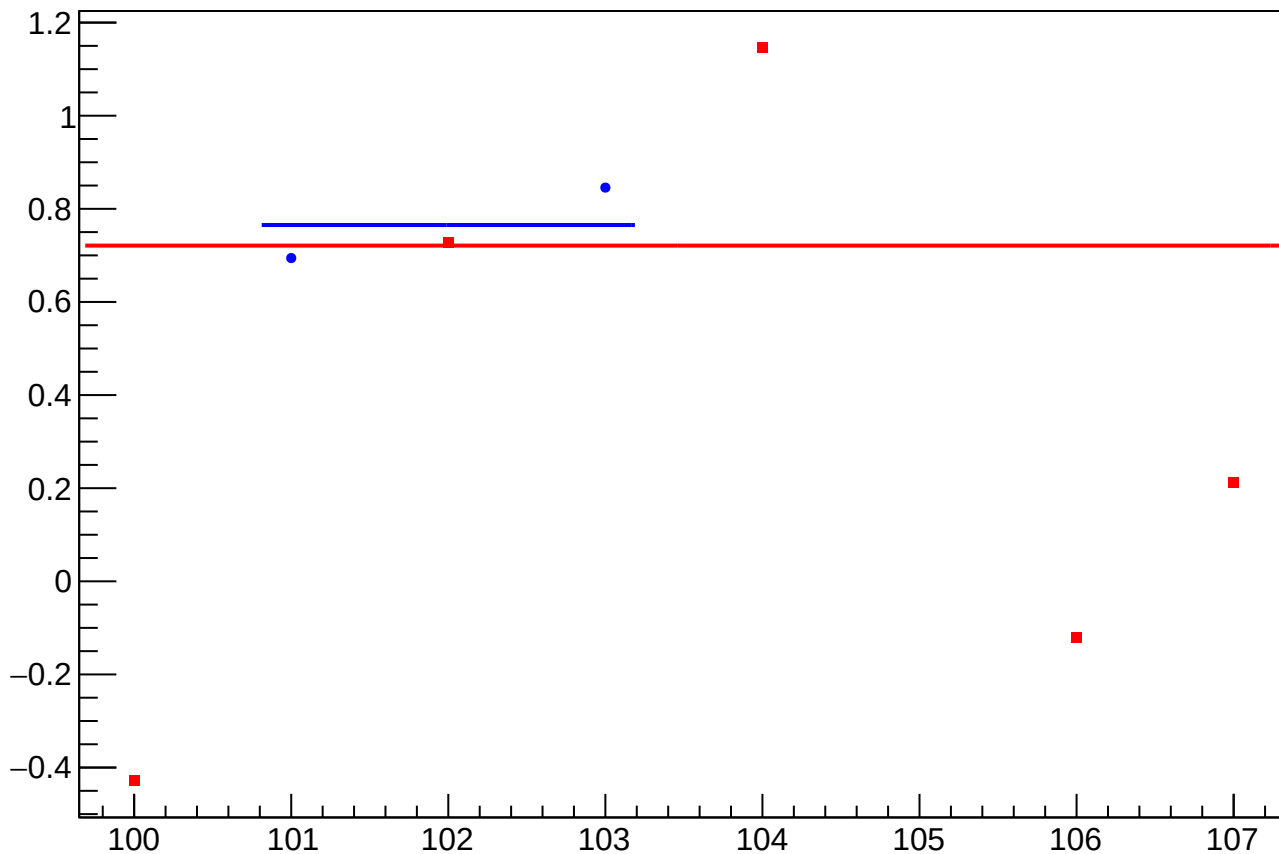
Right: 0.036+/-0.000 χ^2/NDF : 416001.1/6

In: 0.032+/-0.000 χ^2/NDF : 218735.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.036+/-0.000 χ^2/NDF : 416001.1/6

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.765+/-0.000 χ^2/NDF : 15599809.6/1

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

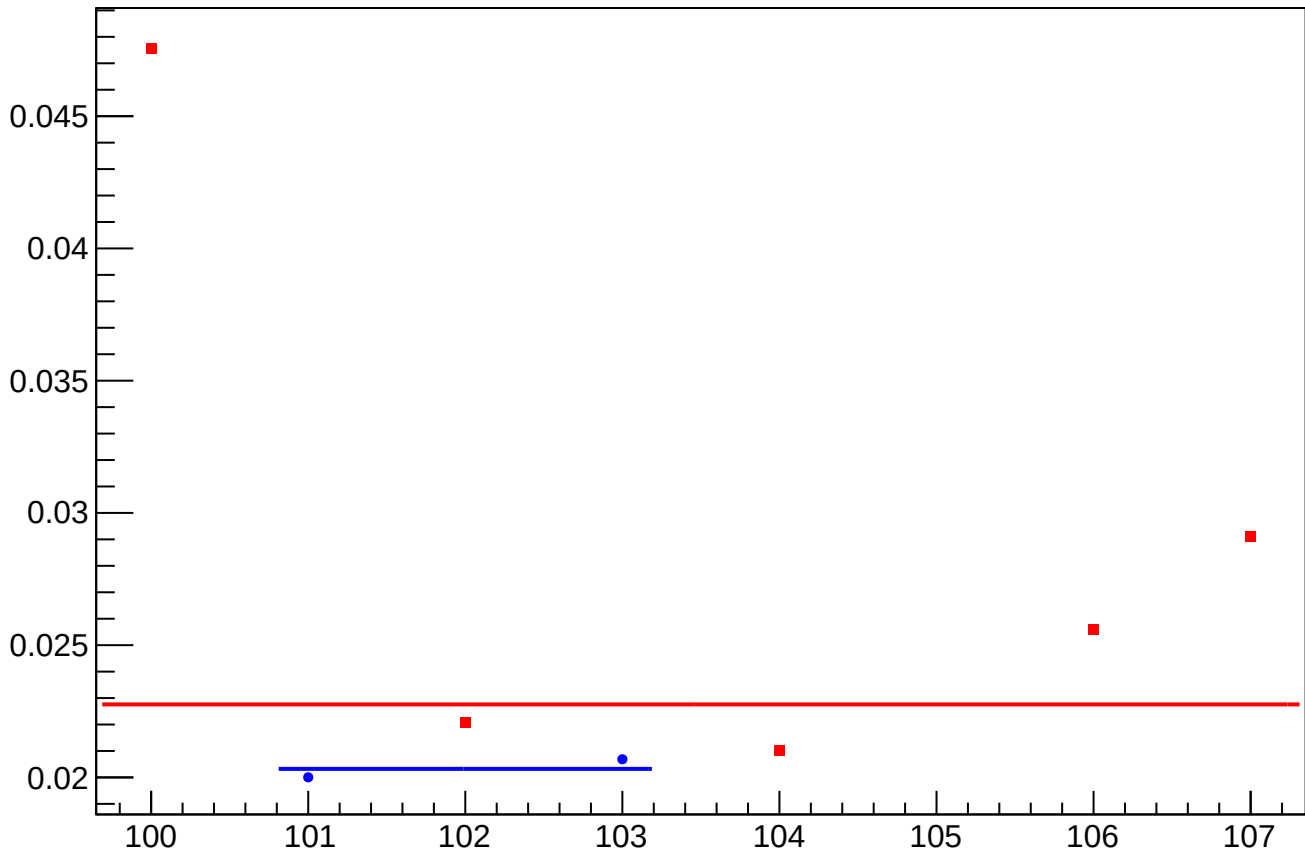
Right: 0.742+/-0.000 χ^2/NDF : 588563880.5/6

In: 0.765+/-0.000 χ^2/NDF : 15599809.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.742+/-0.000 χ^2/NDF : 588563880.5/6

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 632.9/1

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

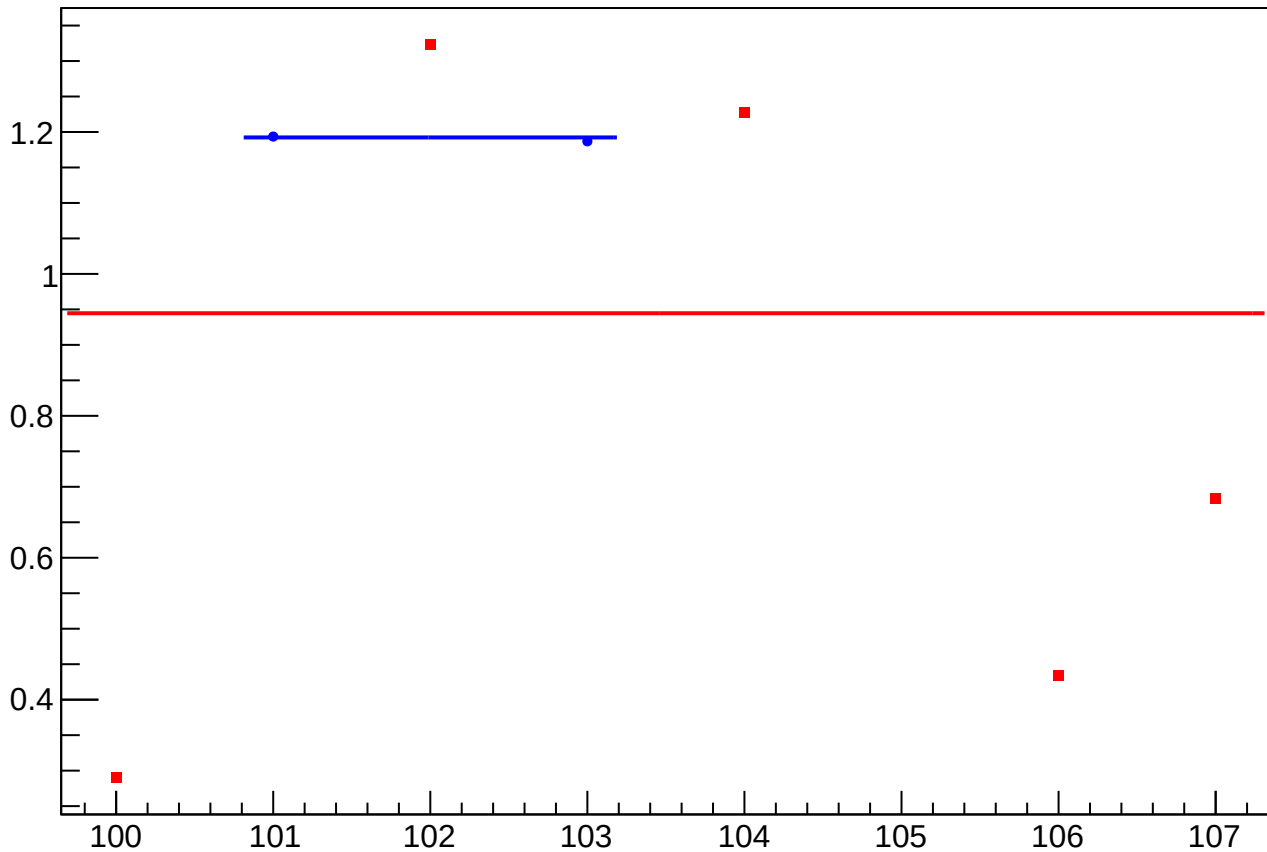
Right: 0.022+/-0.000 χ^2/NDF : 73359.4/6

In: 0.020+/-0.000 χ^2/NDF : 632.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.000 χ^2/NDF : 73359.4/6

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 1.192+/-0.000 χ^2/NDF : 17843.5/1

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

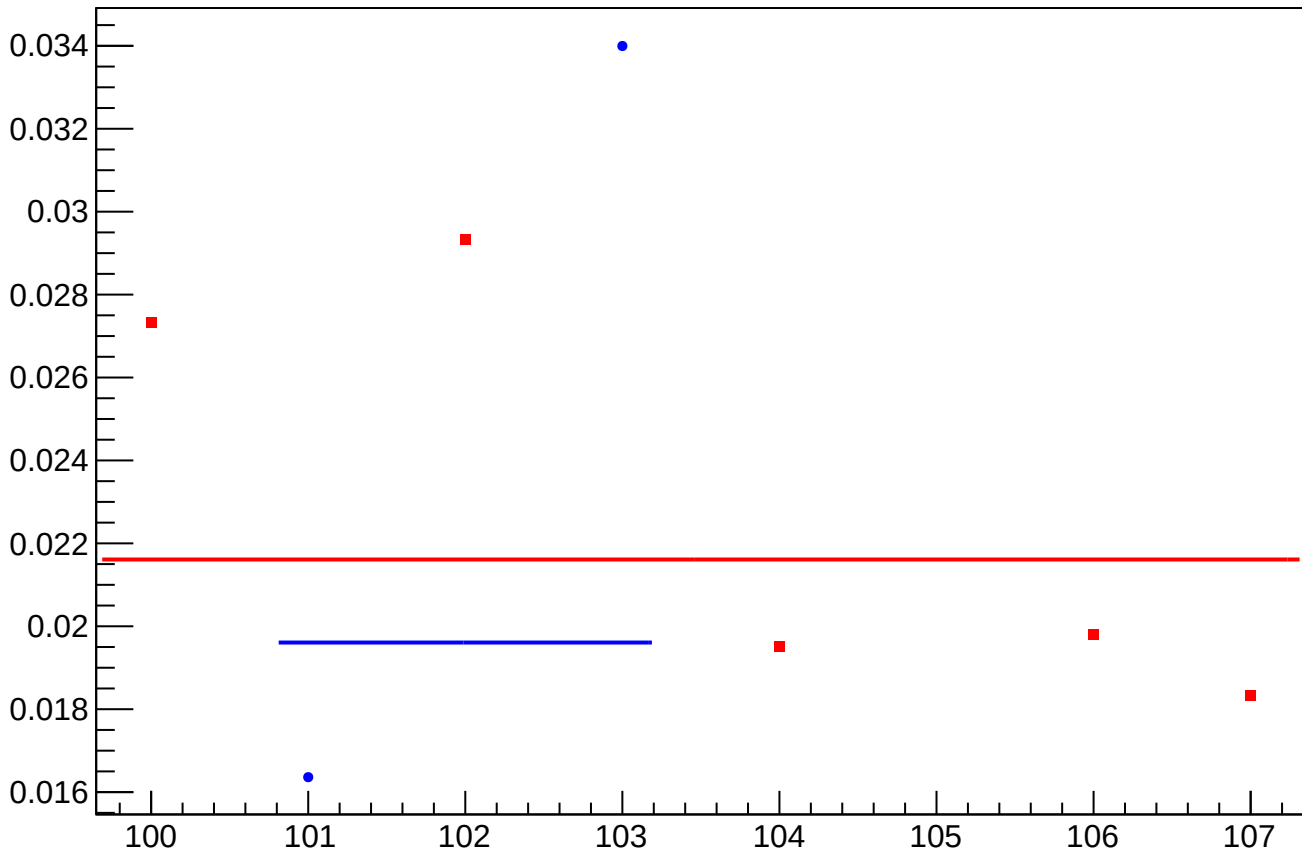
Right: 1.058+/-0.000 χ^2/NDF : 527827492.1/6

In: 1.192+/-0.000 χ^2/NDF : 17843.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.058+/-0.000 χ^2/NDF : 527827492.1/6

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 247815.9/1

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

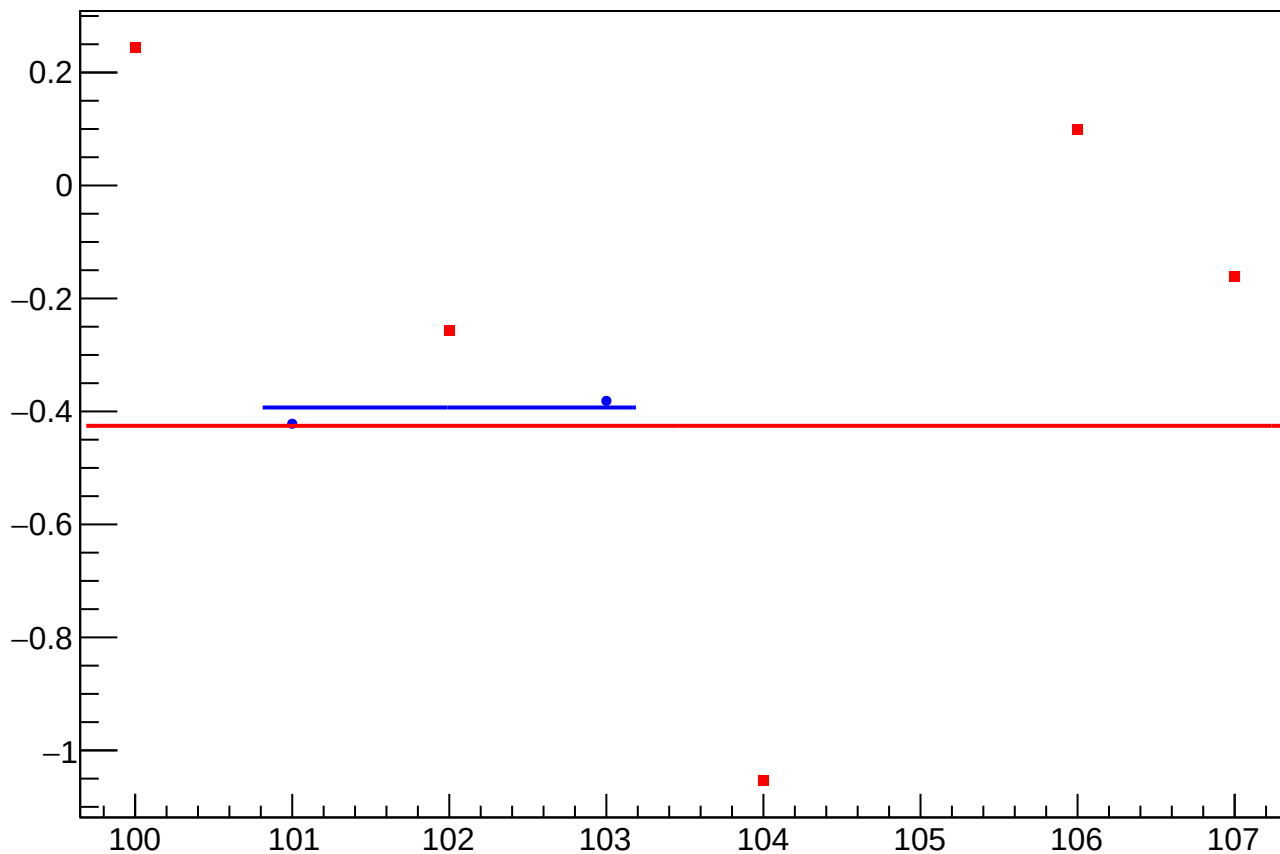
Right: 0.021+/-0.000 χ^2/NDF : 369269.1/6

In: 0.020+/-0.000 χ^2/NDF : 247815.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.000 χ^2/NDF : 369269.1/6

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.393+/-0.000 χ^2/NDF : 1386368.2/1

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

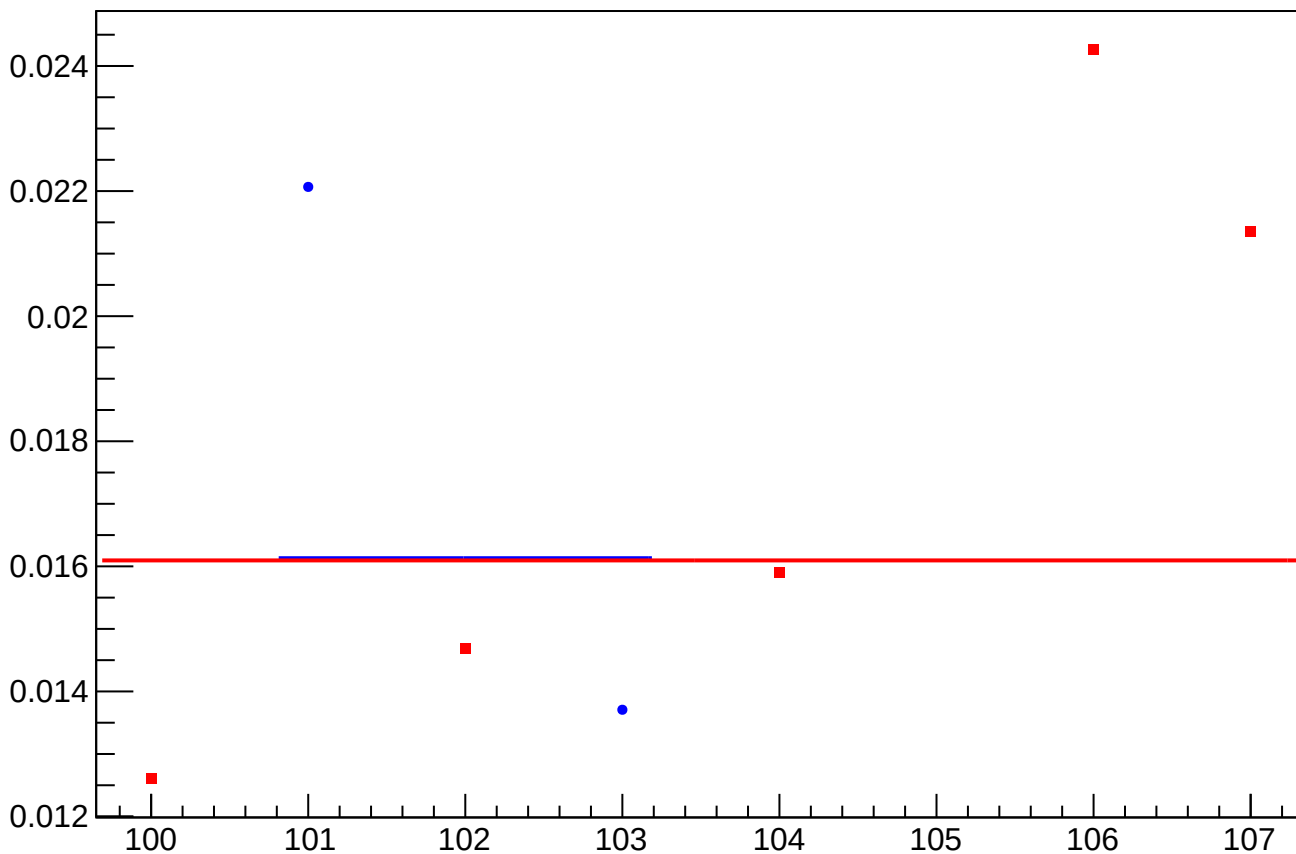
Right: -0.412+/-0.000 χ^2/NDF : 1117141982.1/6

In: -0.393+/-0.000 χ^2/NDF : 1386368.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.412+/-0.000 χ^2/NDF : 1117141982.1/6

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 118135.3/1

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

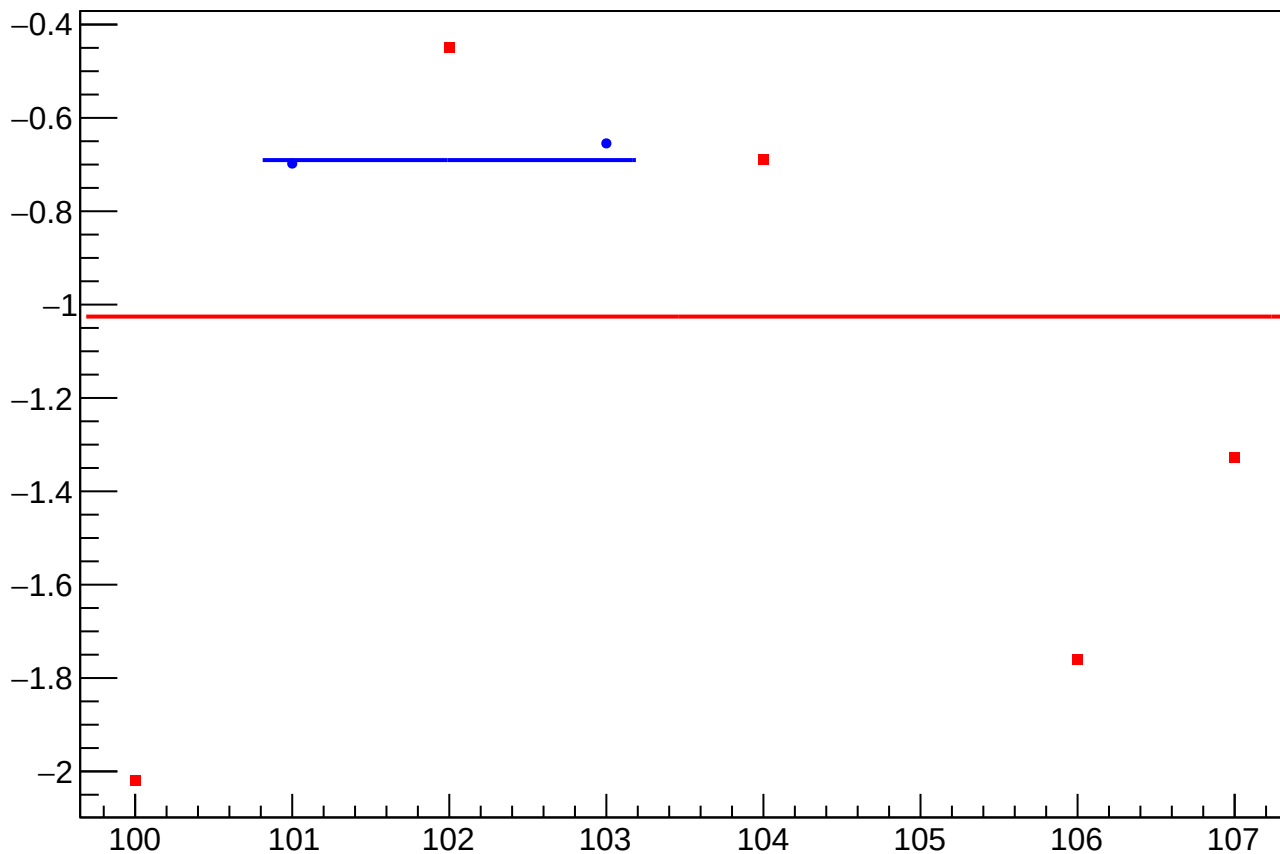
Right: 0.016+/-0.000 χ^2/NDF : 221839.5/6

In: 0.016+/-0.000 χ^2/NDF : 118135.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 221839.5/6

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.690+/-0.000 χ^2/NDF : 186712.0/1

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

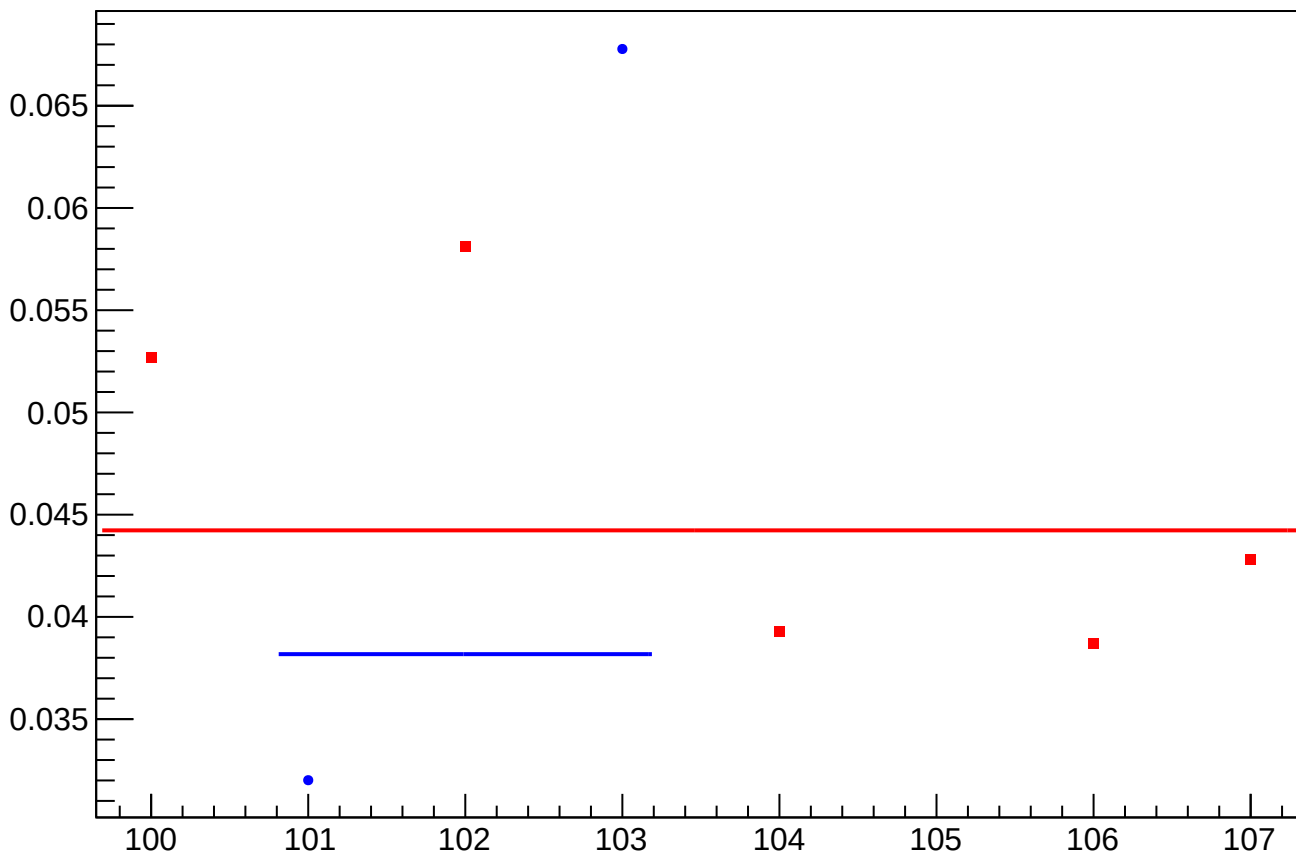
Right: -0.863+/-0.000 χ^2/NDF : 254433204.1/6

In: -0.690+/-0.000 χ^2/NDF : 186712.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.863+/-0.000 χ^2/NDF : 254433204.1/6

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.038+/-0.000 χ^2/NDF : 255512.4/1

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

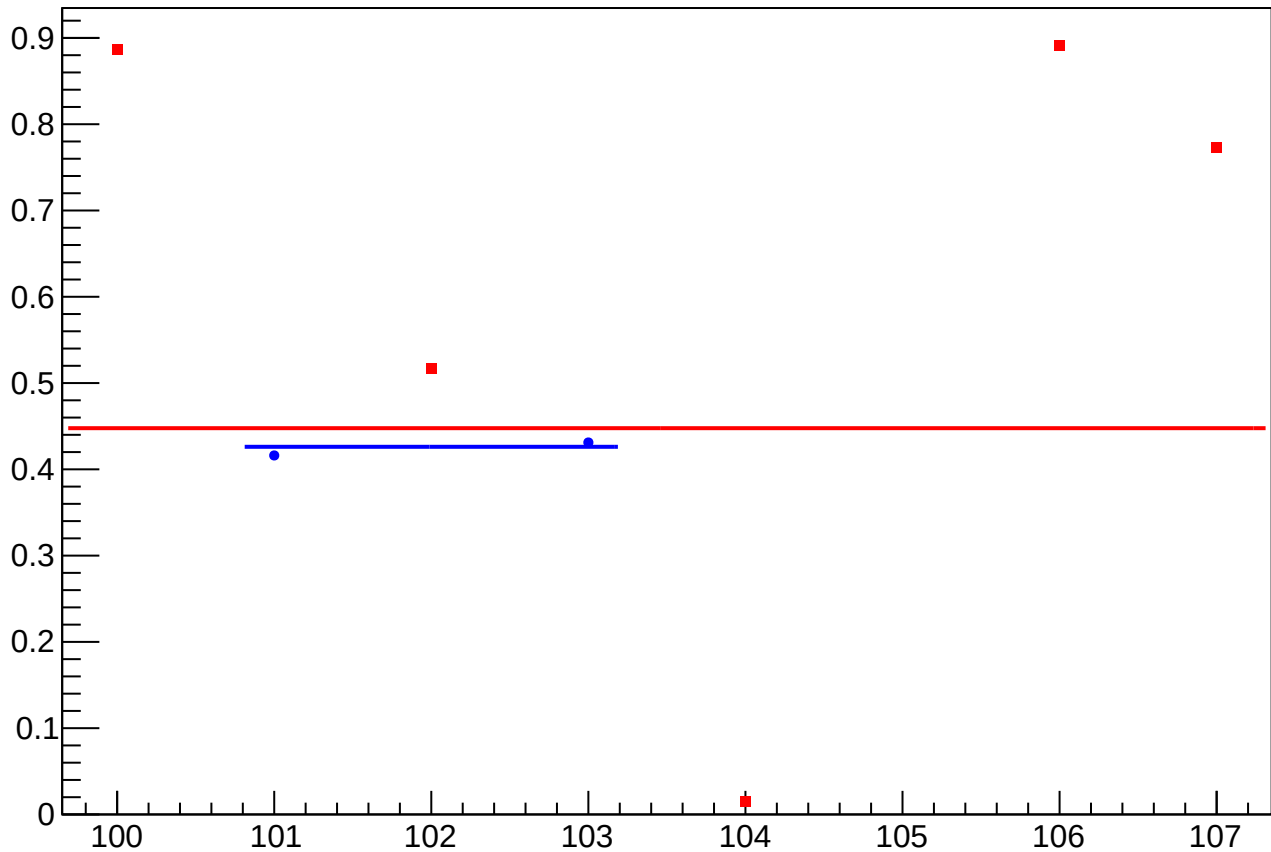
Right: 0.041+/-0.000 χ^2/NDF : 372579.6/6

In: 0.038+/-0.000 χ^2/NDF : 255512.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.041+/-0.000 χ^2/NDF : 372579.6/6

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.426+/-0.000 χ^2/NDF : 388135.4/1

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

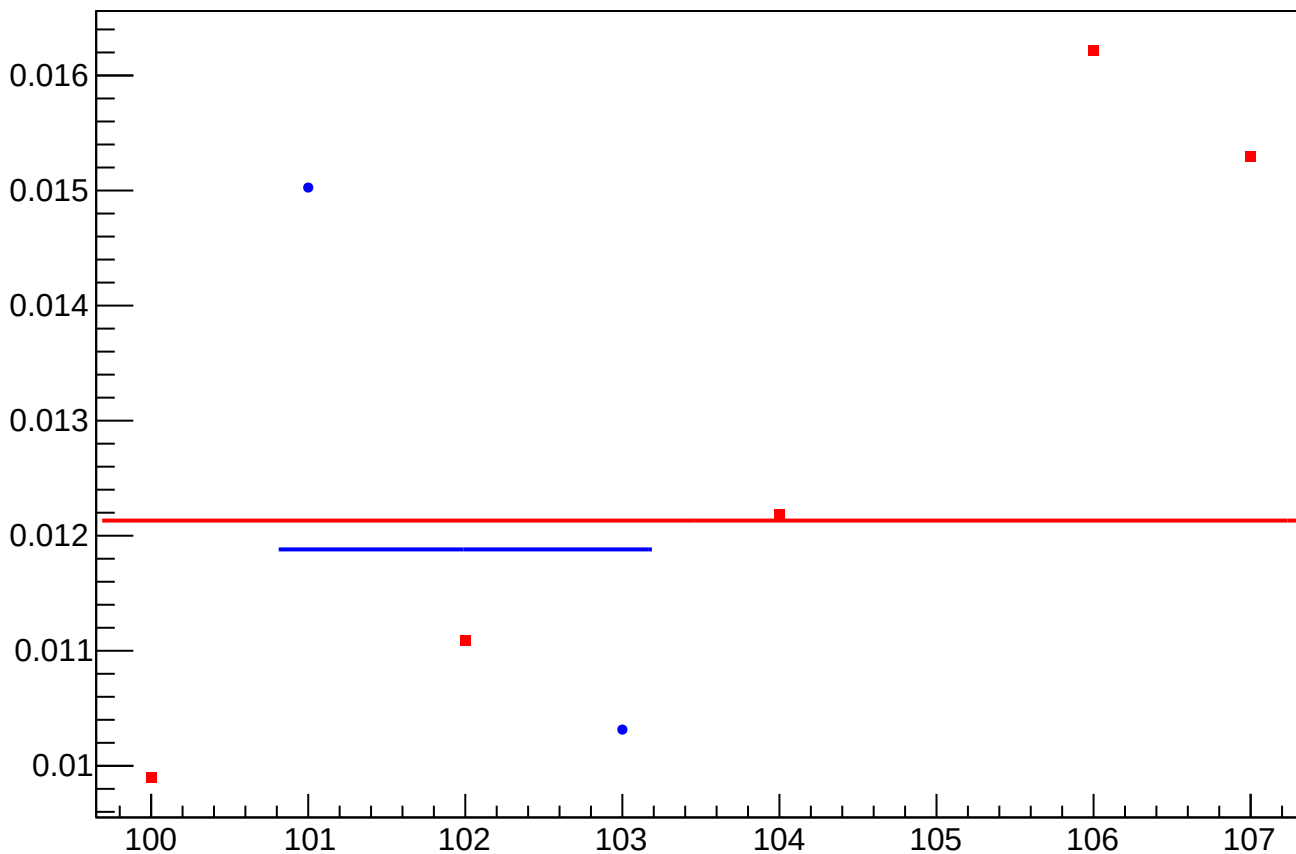
Right: 0.438+/-0.000 χ^2/NDF : 1018013511.7/6

In: 0.426+/-0.000 χ^2/NDF : 388135.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.438+/-0.000 χ^2/NDF : 1018013511.7/6

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 76235.1/1

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

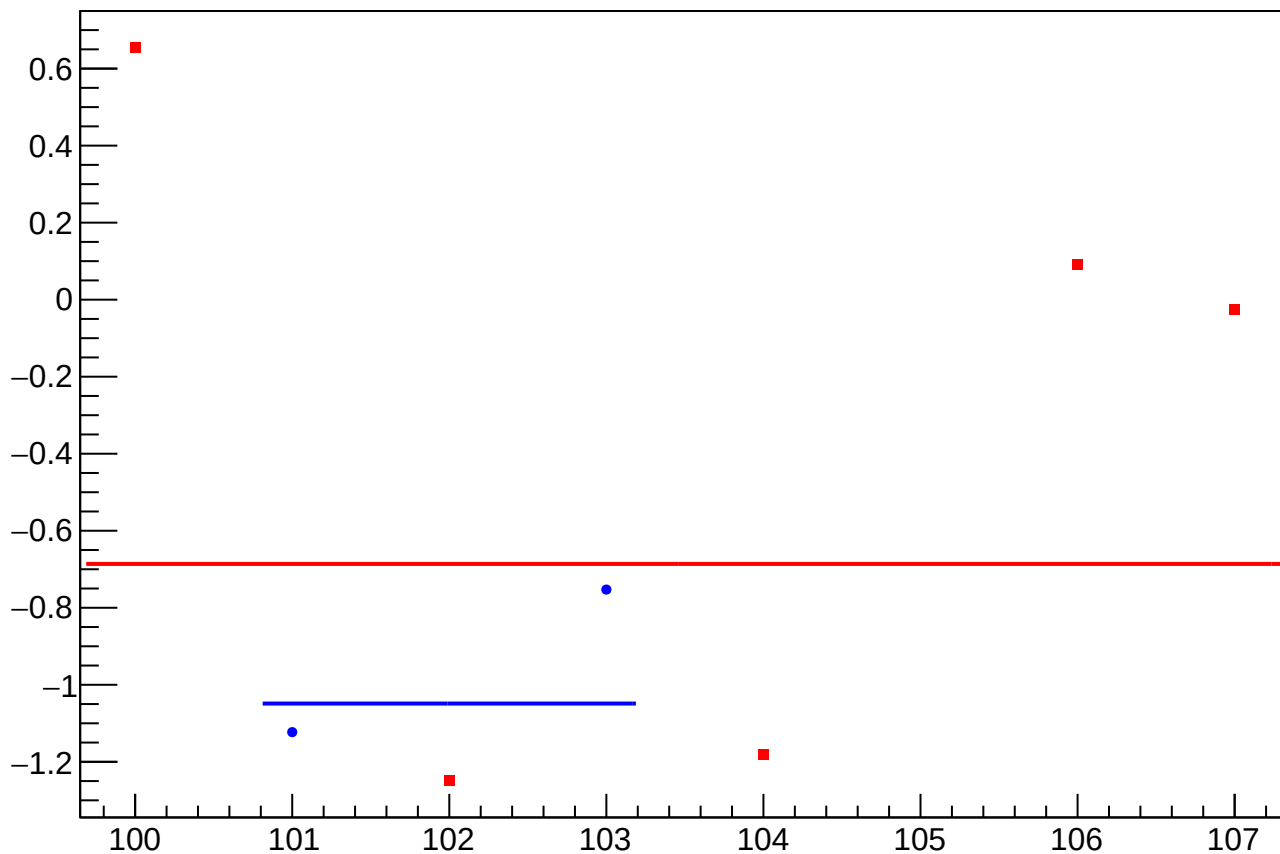
Right: 0.012+/-0.000 χ^2/NDF : 142853.2/6

In: 0.012+/-0.000 χ^2/NDF : 76235.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 142853.2/6

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -1.049+/-0.000 χ^2/NDF : 15048415.7/1

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

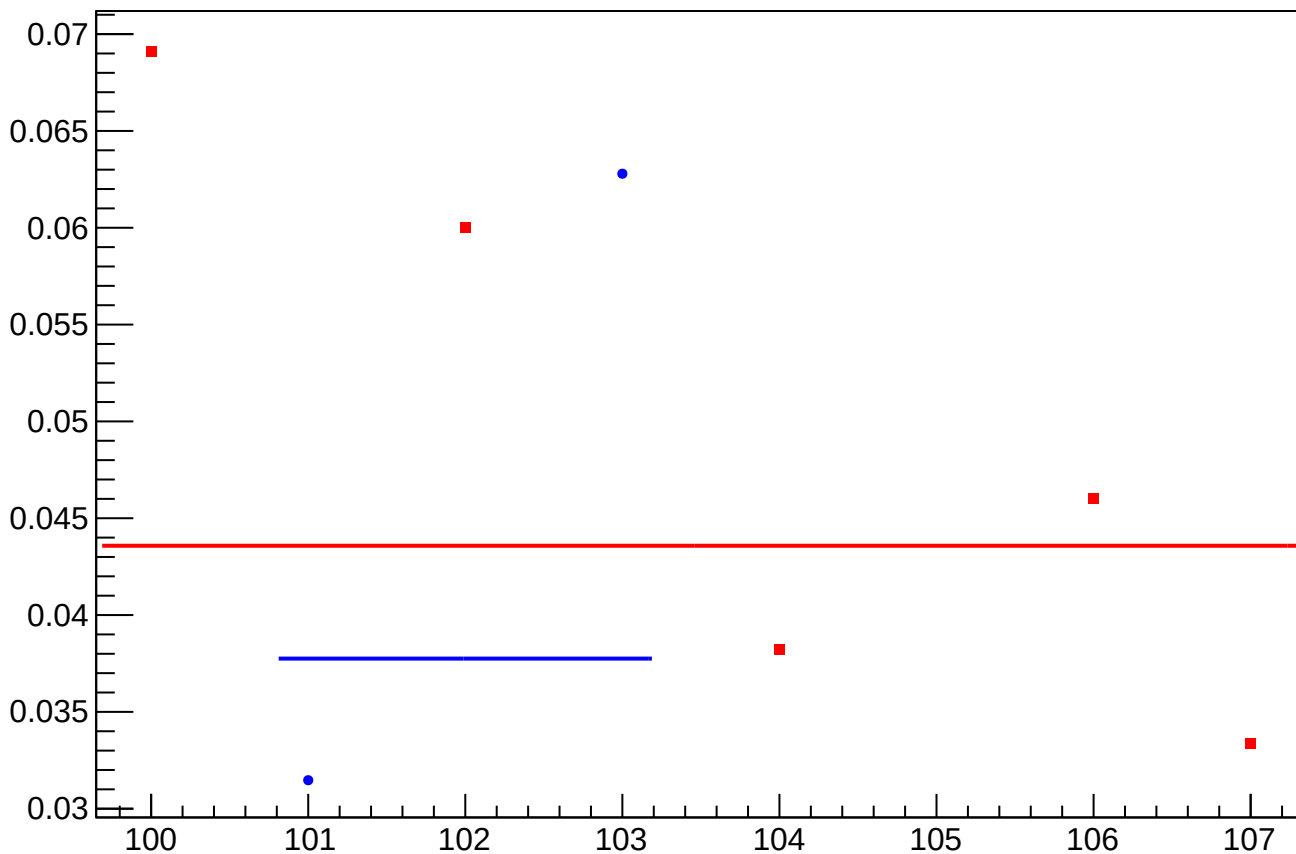
Right: -0.861+/-0.000 χ^2/NDF : 350808286.9/6

In: -1.049+/-0.000 χ^2/NDF : 15048415.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.861+/-0.000 χ^2/NDF : 350808286.9/6

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.038+/-0.000 χ^2/NDF : 215467.3/1

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

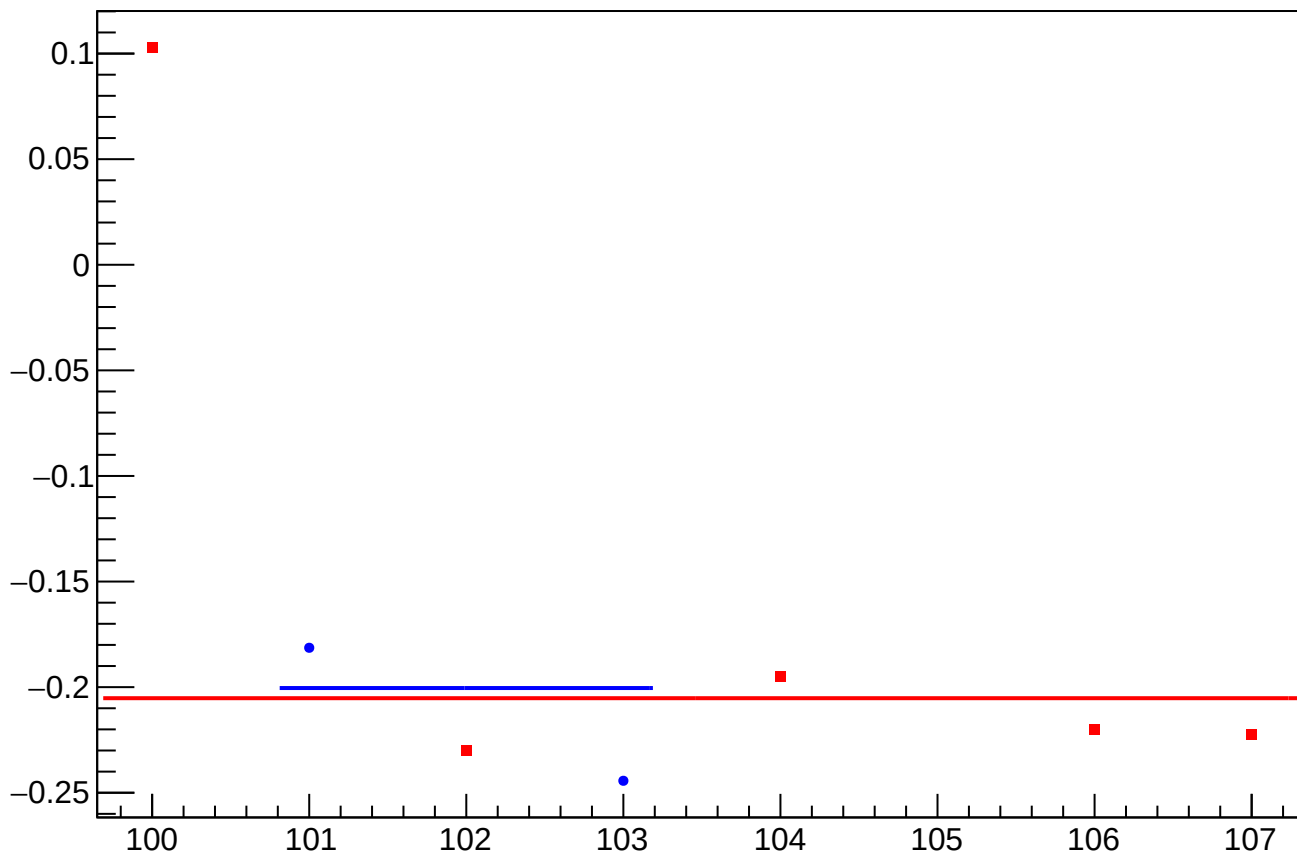
Right: 0.041+/-0.000 χ^2/NDF : 393468.3/6

In: 0.038+/-0.000 χ^2/NDF : 215467.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.041+/-0.000 χ^2/NDF : 393468.3/6

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.200+/-0.000 χ^2/NDF : 29550336.2/1

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

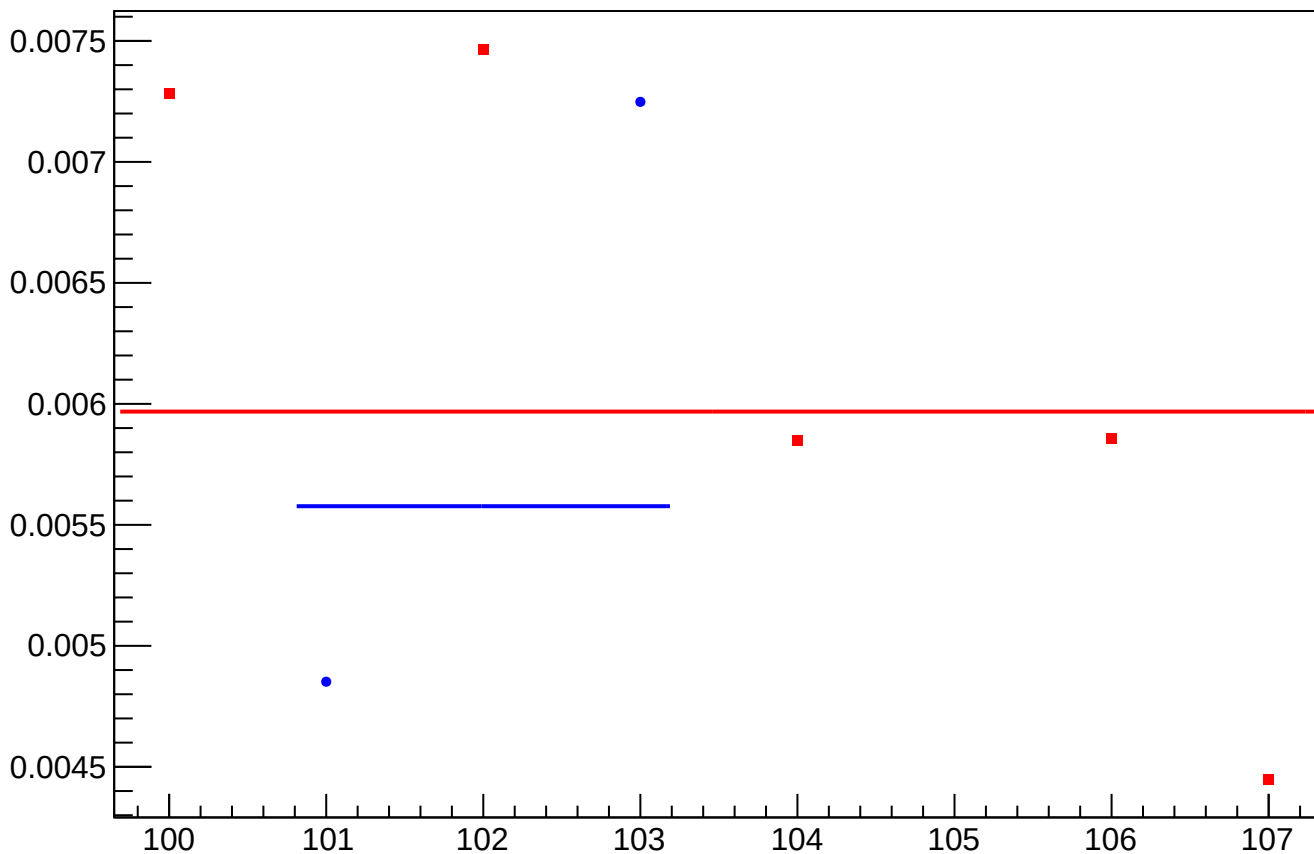
Right: -0.203+/-0.000 χ^2/NDF : 169013897.5/6

In: -0.200+/-0.000 χ^2/NDF : 29550336.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.203+/-0.000 χ^2/NDF : 169013897.5/6

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 85571.7/1

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

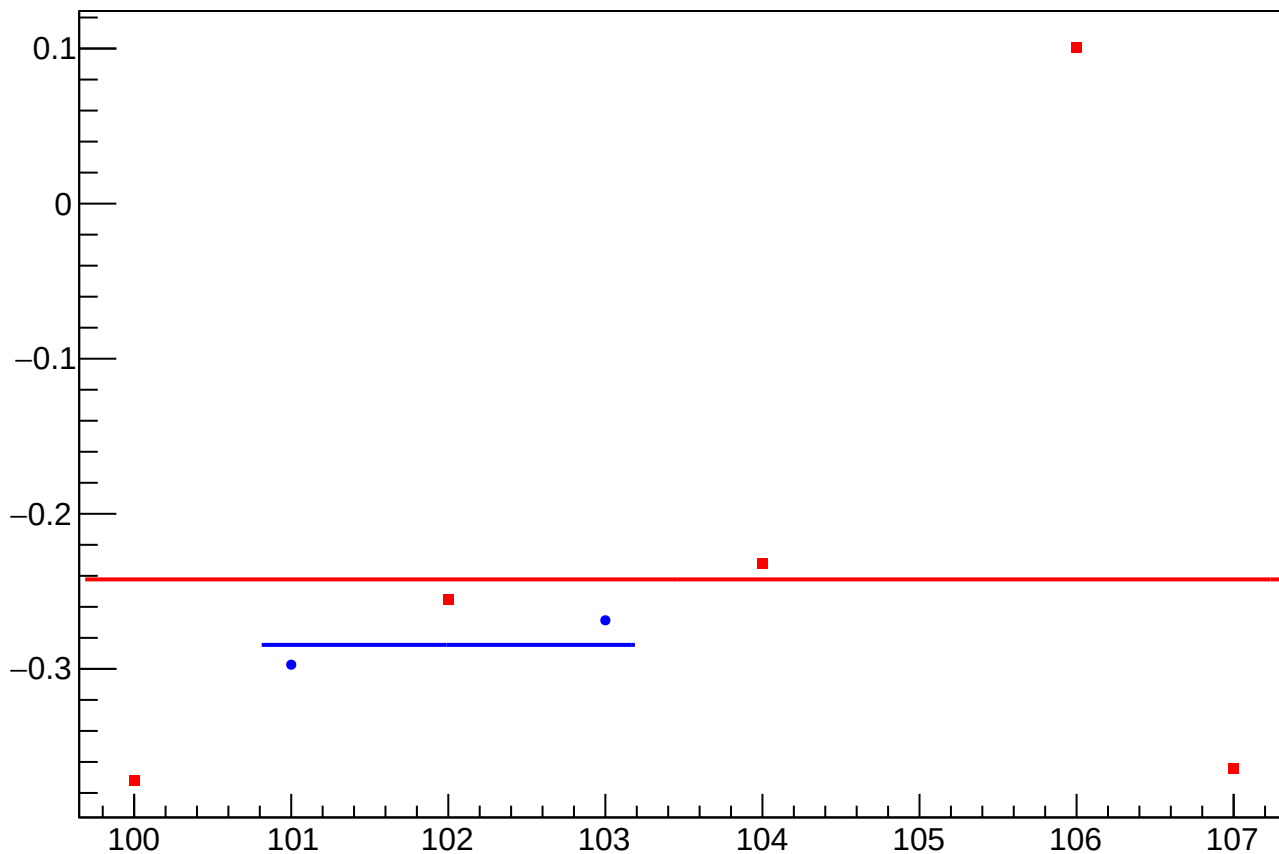
Right: 0.006+/-0.000 χ^2/NDF : 191022.7/6

In: 0.006+/-0.000 χ^2/NDF : 85571.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 191022.7/6

yield_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -0.285+/-0.000 χ^2/NDF : 4295816.3/1

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

Right Out: -0.242+/-0.000 χ^2/NDF : 483565564.9/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

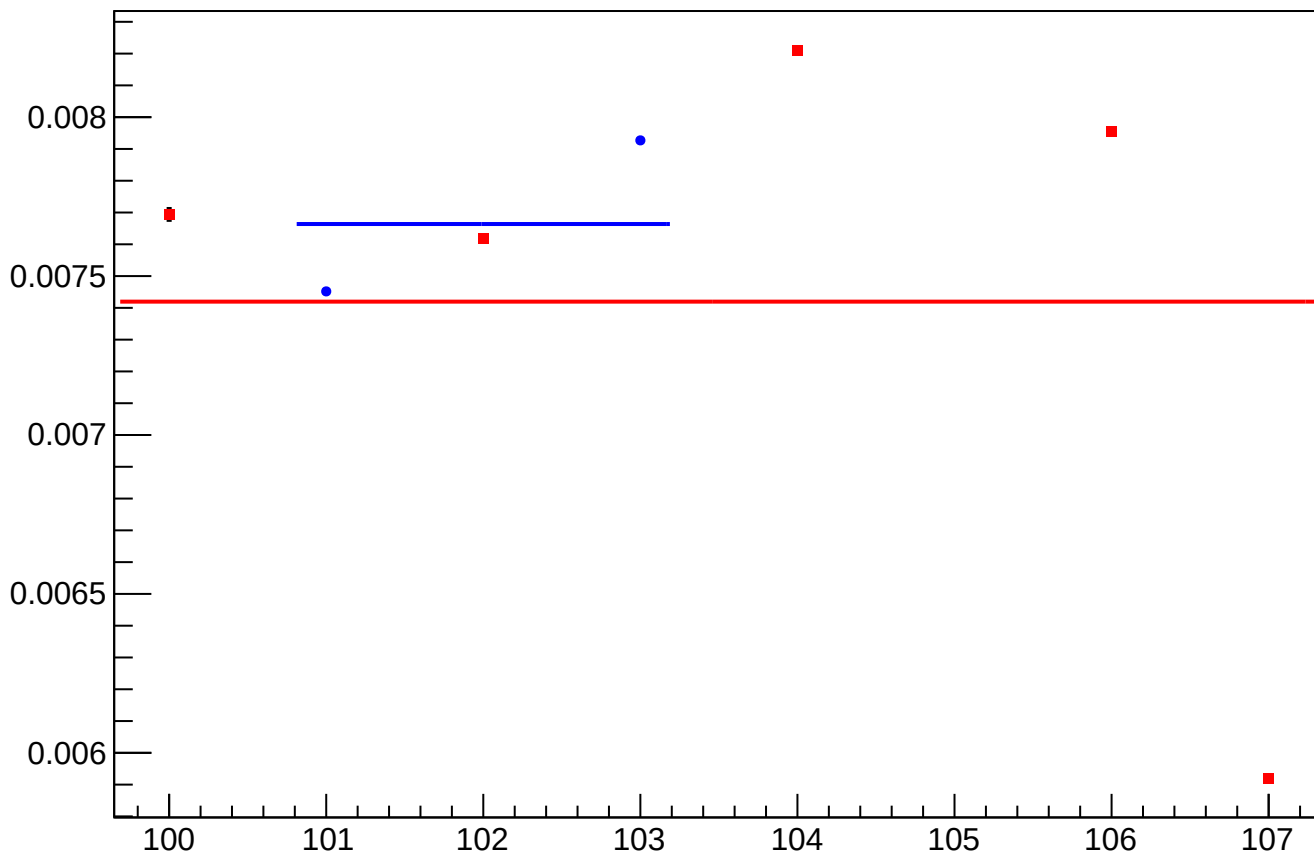
Right: -0.260+/-0.000 χ^2/NDF : 509937508.7/6

In: -0.285+/-0.000 χ^2/NDF : 4295816.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.260+/-0.000 χ^2/NDF : 509937508.7/6

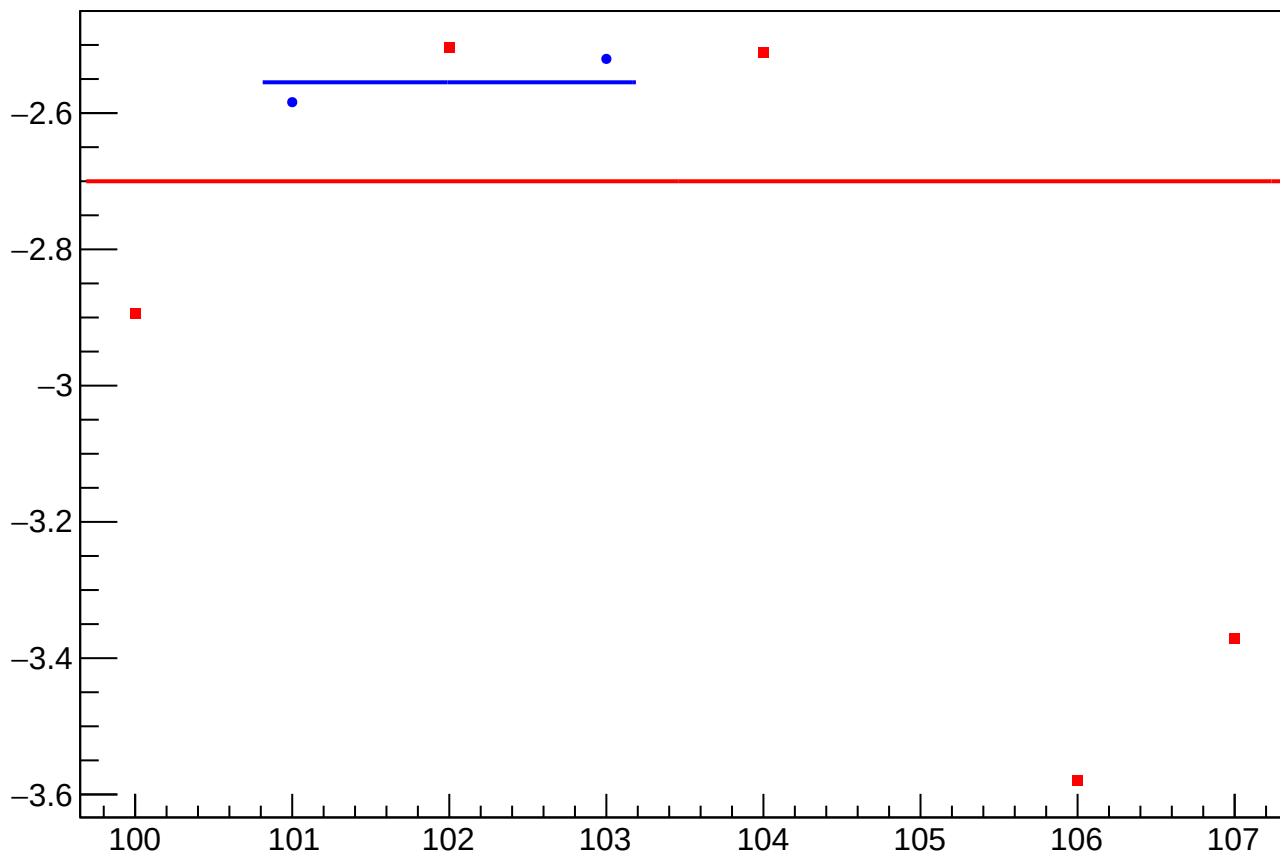
yield_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 2368.3/1
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: 0.008+/-0.000 χ^2/NDF : 46622.9/6
In: 0.008+/-0.000 χ^2/NDF : 2368.3/1
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.008+/-0.000 χ^2/NDF : 46622.9/6

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -2.555+/-0.000 χ^2/NDF : 24607960.9/1

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

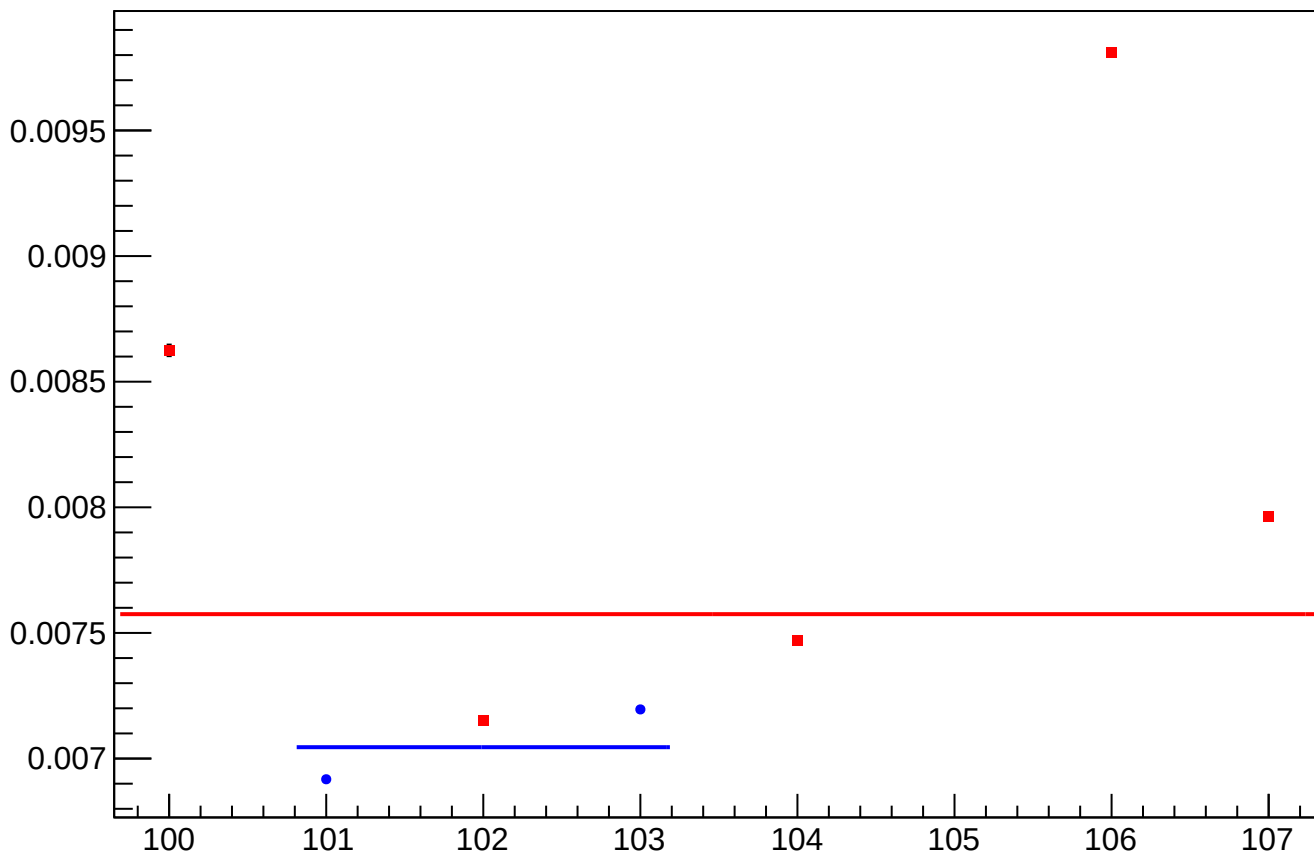
Right: -2.632+/-0.000 χ^2/NDF : 4070530325.4/6

In: -2.555+/-0.000 χ^2/NDF : 24607960.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.632+/-0.000 χ^2/NDF : 4070530325.4/6

yield_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 942.7/1

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

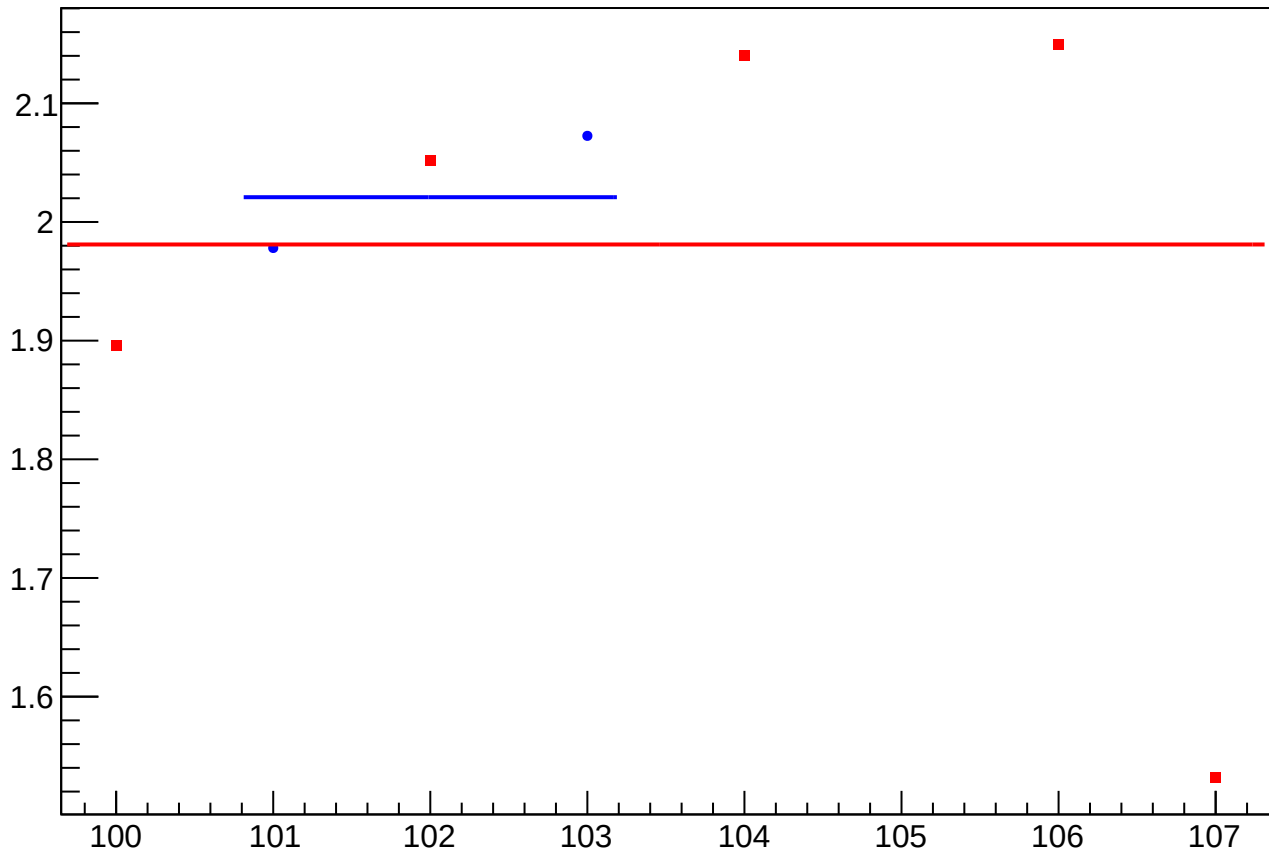
Right: 0.007+/-0.000 χ^2/NDF : 32628.8/6

In: 0.007+/-0.000 χ^2/NDF : 942.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 32628.8/6

yield_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: 2.021+/-0.000 χ^2/NDF : 15963252.2/1

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

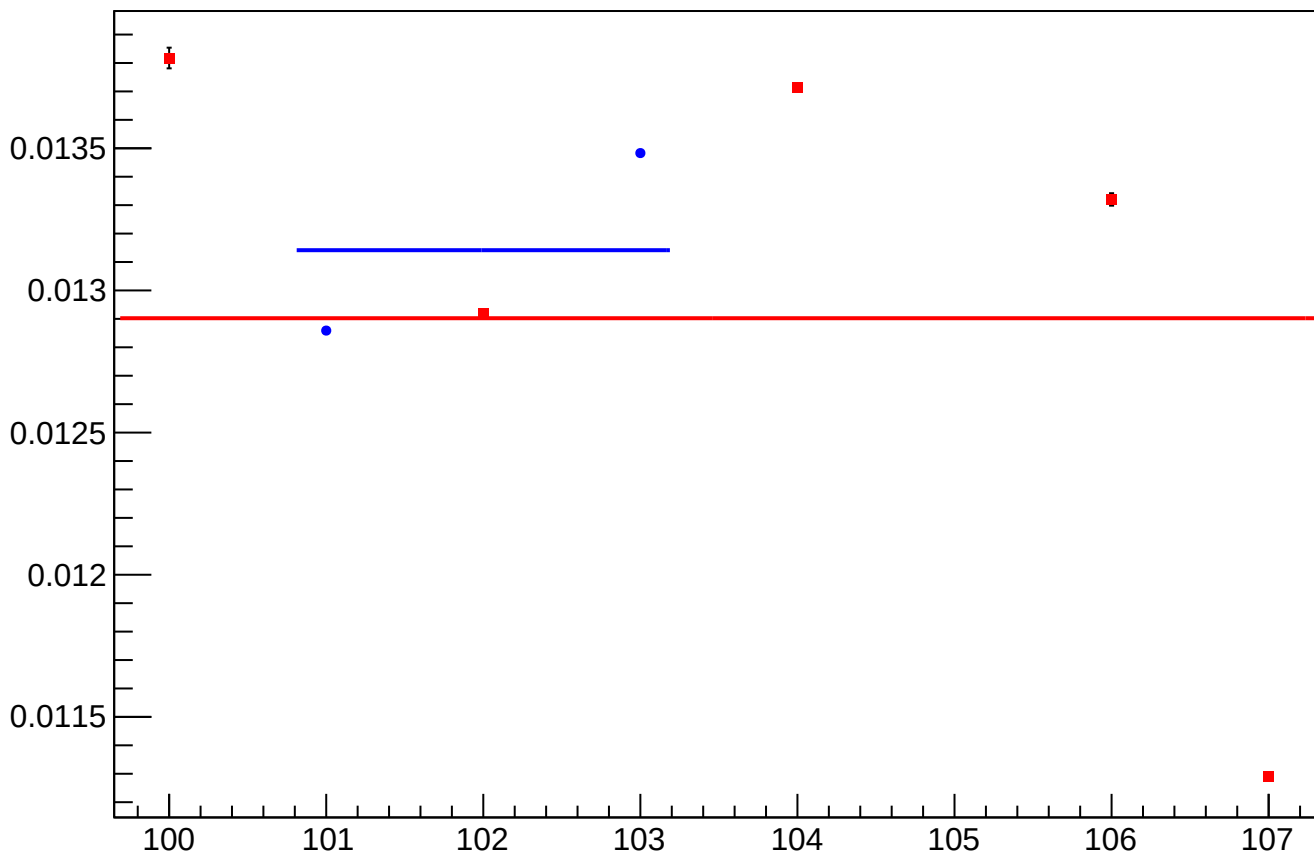
Right: 1.998+/-0.000 χ^2/NDF : 523537885.6/6

In: 2.021+/-0.000 χ^2/NDF : 15963252.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.998+/-0.000 χ^2/NDF : 523537885.6/6

yield_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 1394.0/1

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

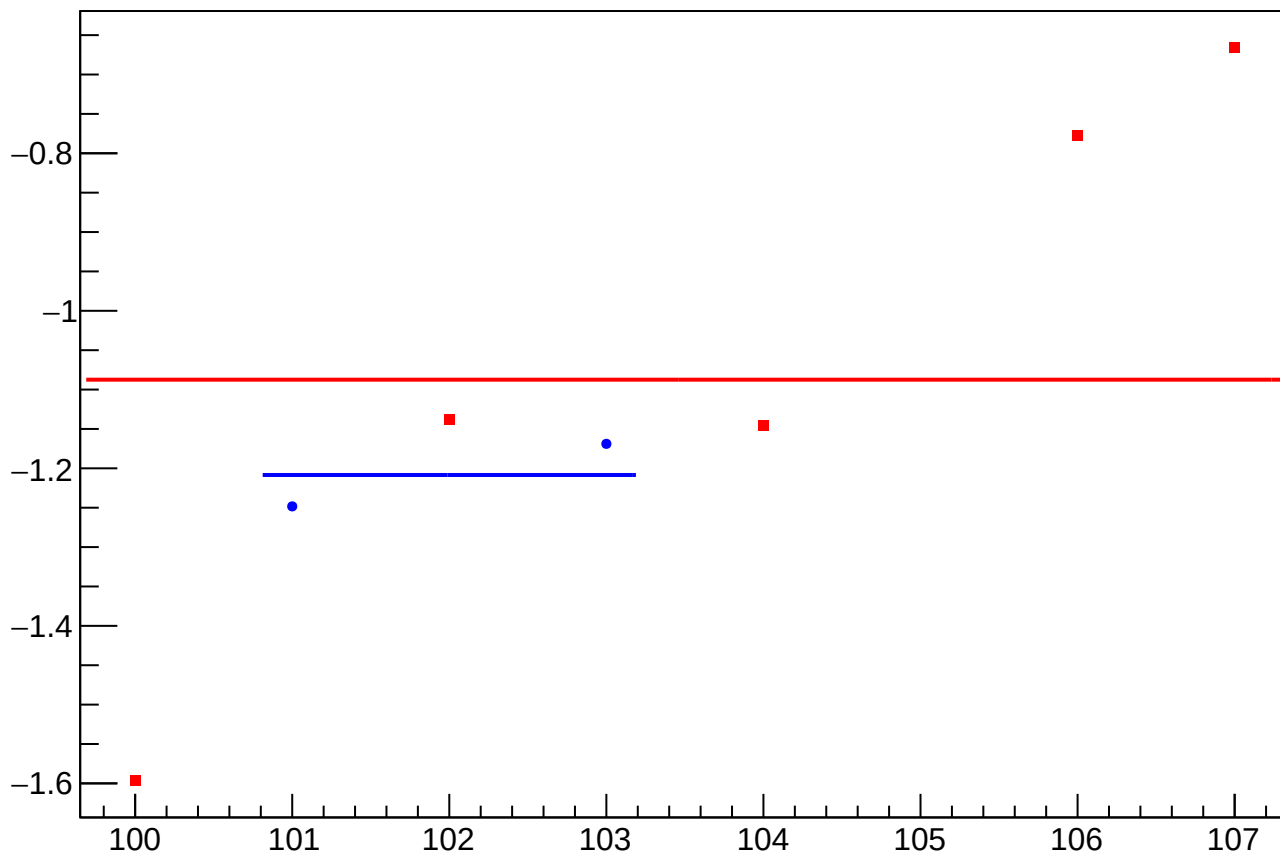
Right: 0.013+/-0.000 χ^2/NDF : 16218.2/6

In: 0.013+/-0.000 χ^2/NDF : 1394.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 16218.2/6

yield_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -1.208+/-0.000 χ^2/NDF : 35858190.9/1

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

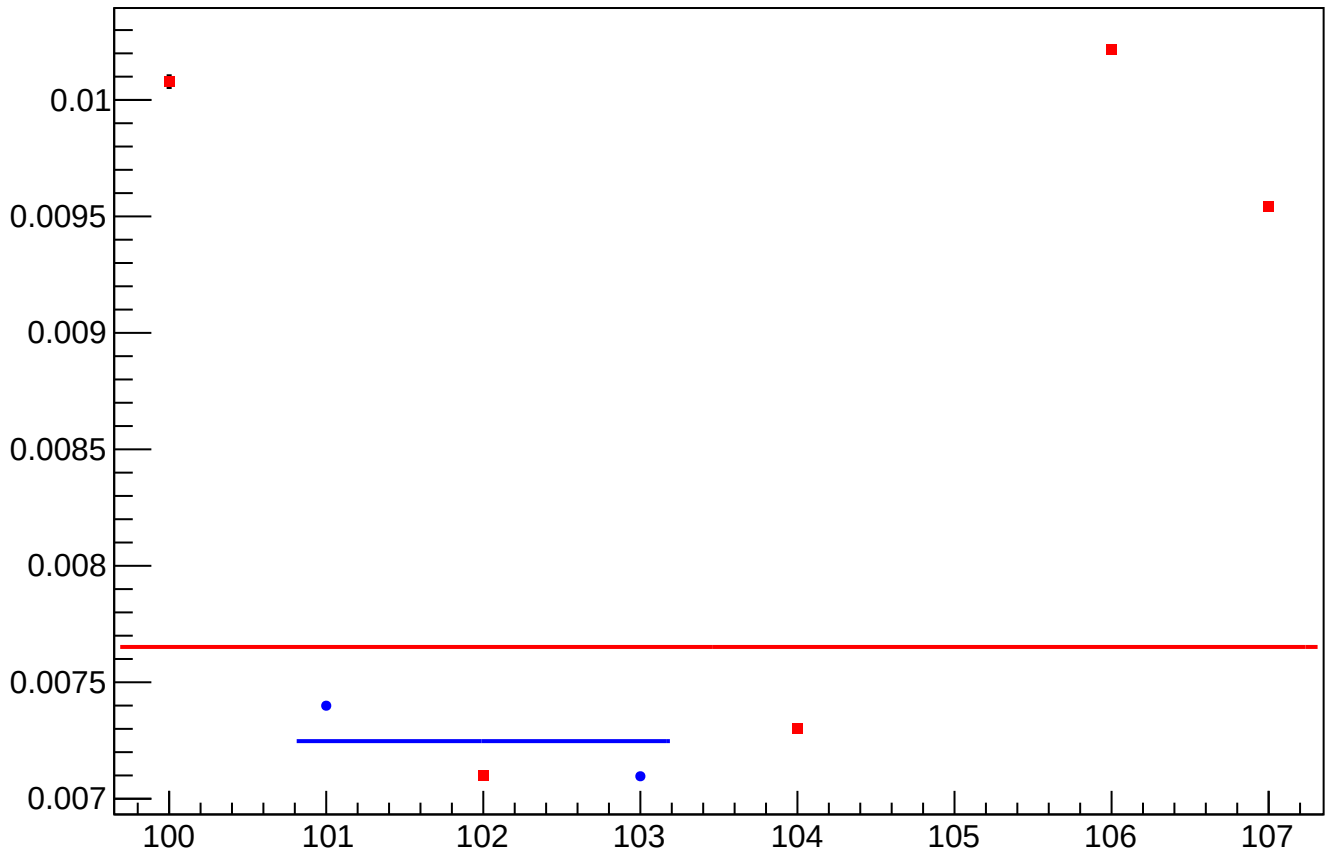
Right: -1.144+/-0.000 χ^2/NDF : 1033129108.3/6

In: -1.208+/-0.000 χ^2/NDF : 35858190.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.144+/-0.000 χ^2/NDF : 1033129108.3/6

yield_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 1043.8/1

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

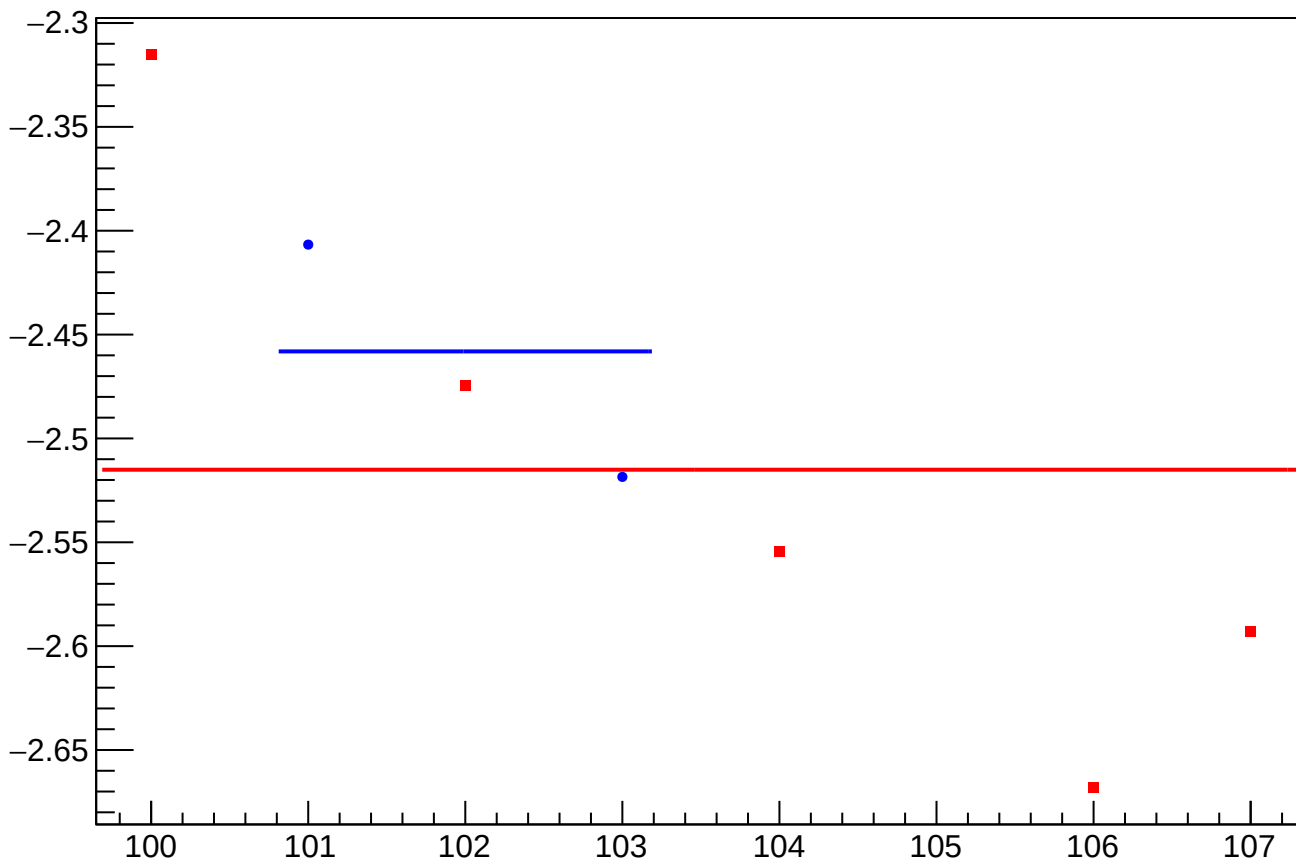
Right: 0.007+/-0.000 χ^2/NDF : 58959.8/6

In: 0.007+/-0.000 χ^2/NDF : 1043.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 58959.8/6

yield_bpm0i05X_mean vs Slug, Sign Corrected



Right In: -2.458+/-0.000 χ^2/NDF : 138147654.7/1

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

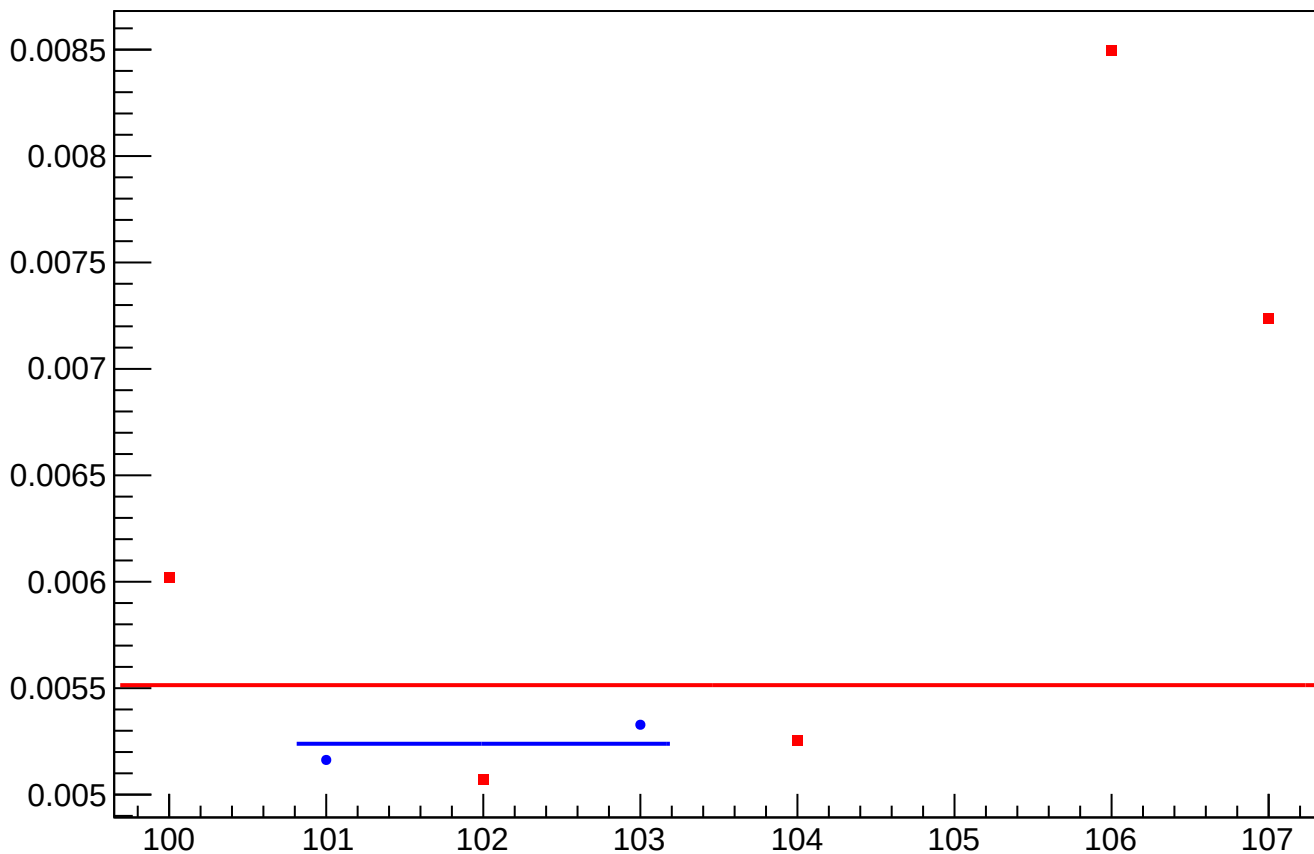
Right: -2.489+/-0.000 χ^2/NDF : 442663609.5/6

In: -2.458+/-0.000 χ^2/NDF : 138147654.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.489+/-0.000 χ^2/NDF : 442663609.5/6

yield_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 603.7/1

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

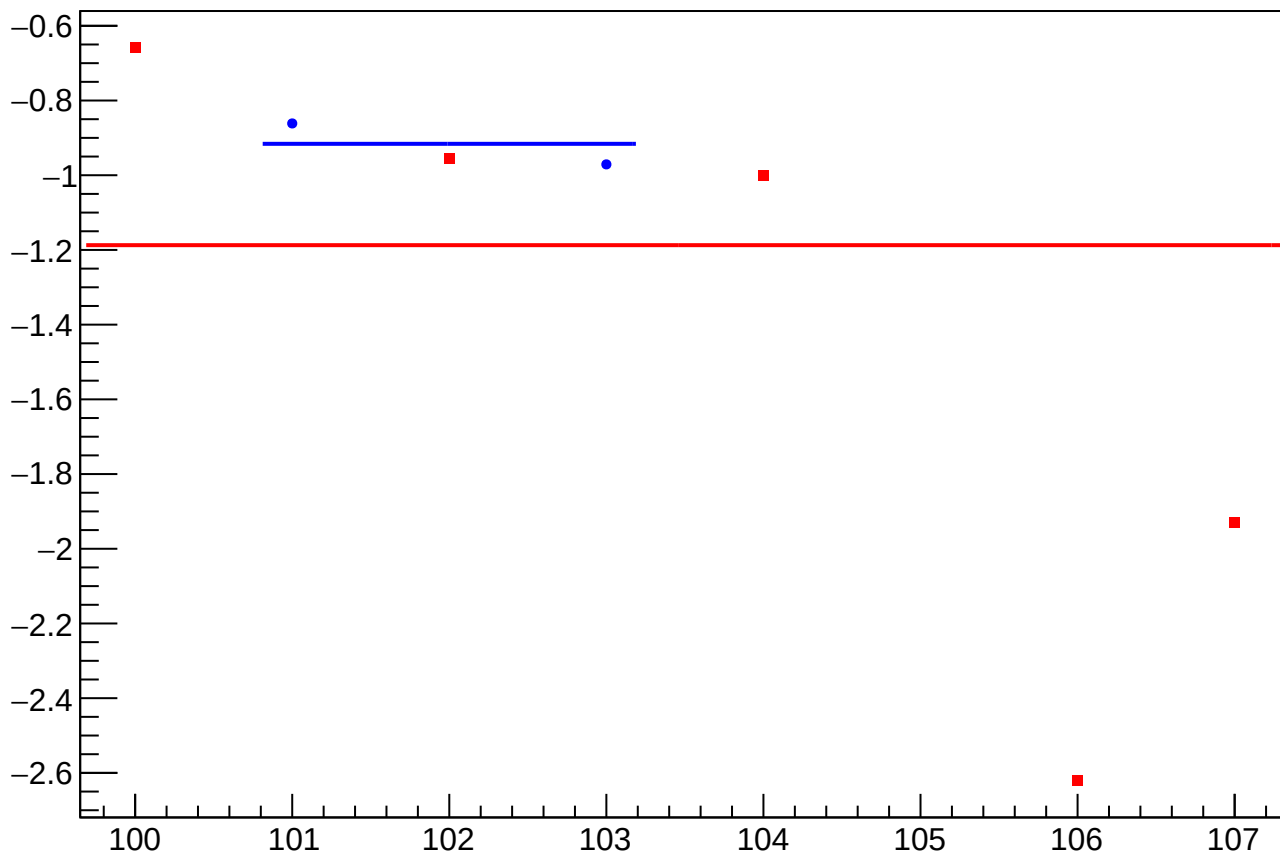
Right: 0.005+/-0.000 χ^2/NDF : 85210.2/6

In: 0.005+/-0.000 χ^2/NDF : 603.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 85210.2/6

yield_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: -0.916+/-0.000 χ^2/NDF : 129175569.2/1

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

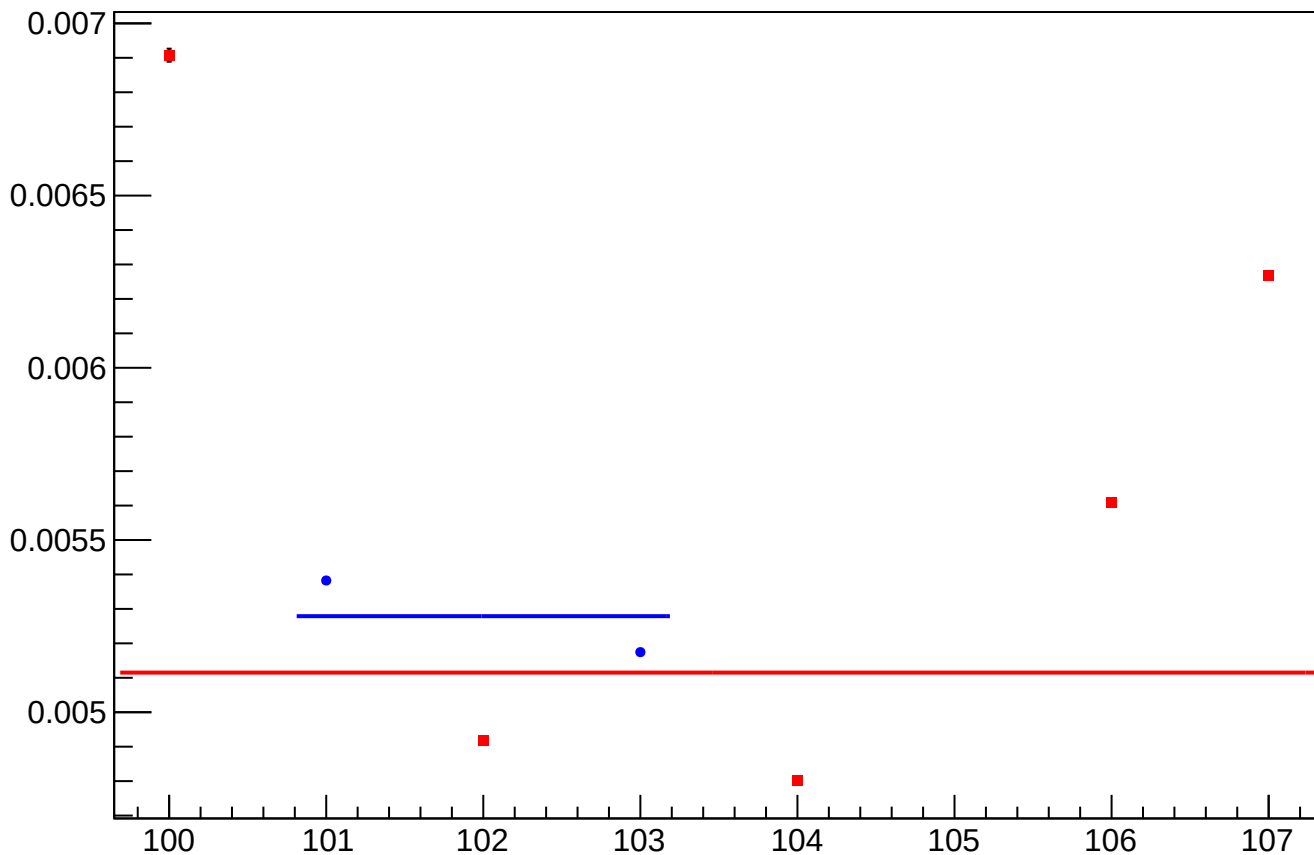
Right: -1.071+/-0.000 χ^2/NDF : 16430823441.9/6

In: -0.916+/-0.000 χ^2/NDF :129175569.2/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.071+/-0.000 χ^2/NDF : 16430823441.9/6

yield_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 930.2/1

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

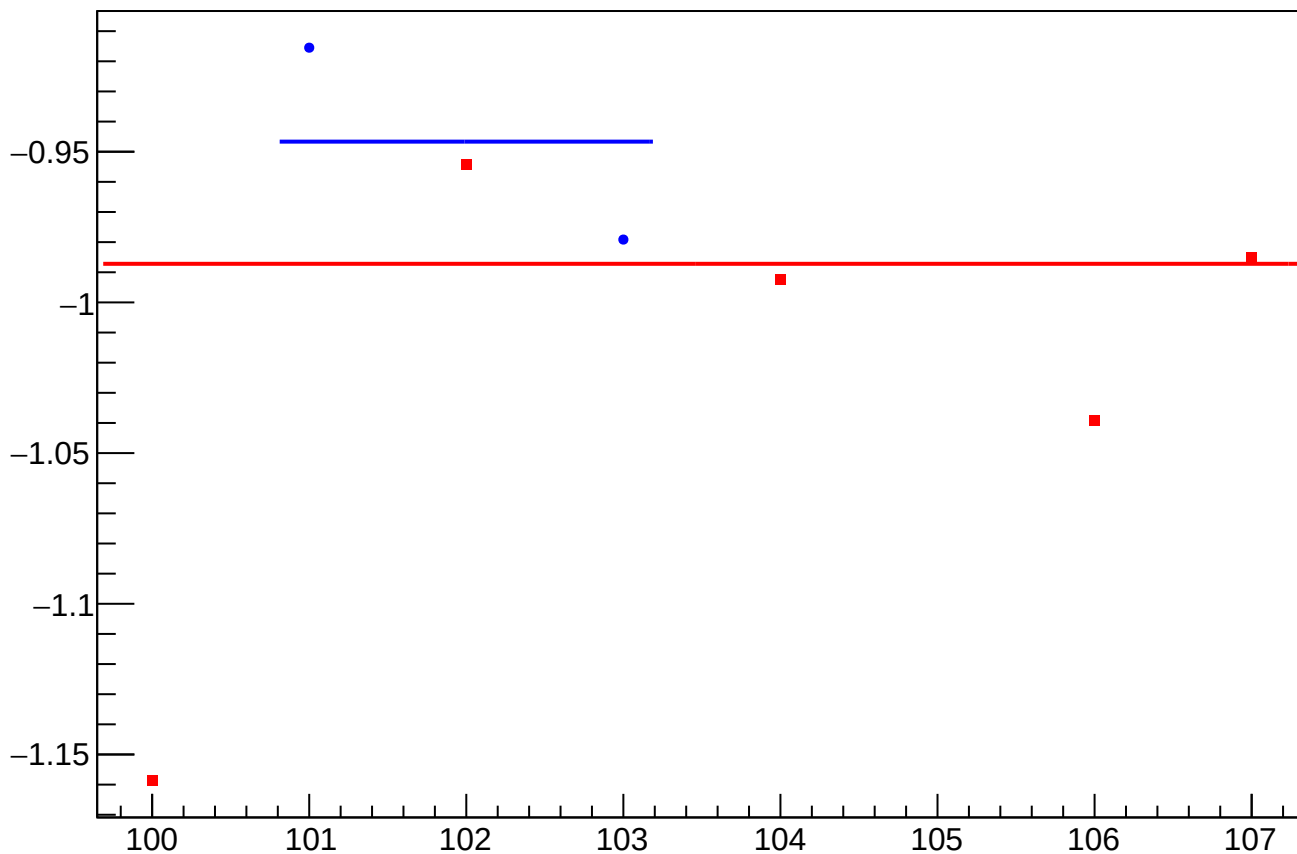
Right: 0.005+/-0.000 χ^2/NDF : 35181.5/6

In: 0.005+/-0.000 χ^2/NDF : 930.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 35181.5/6

yield_bpm0i07X_mean vs Slug, Sign Corrected



Right In: -0.947+/-0.000 χ^2/NDF : 65094779.4/1

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

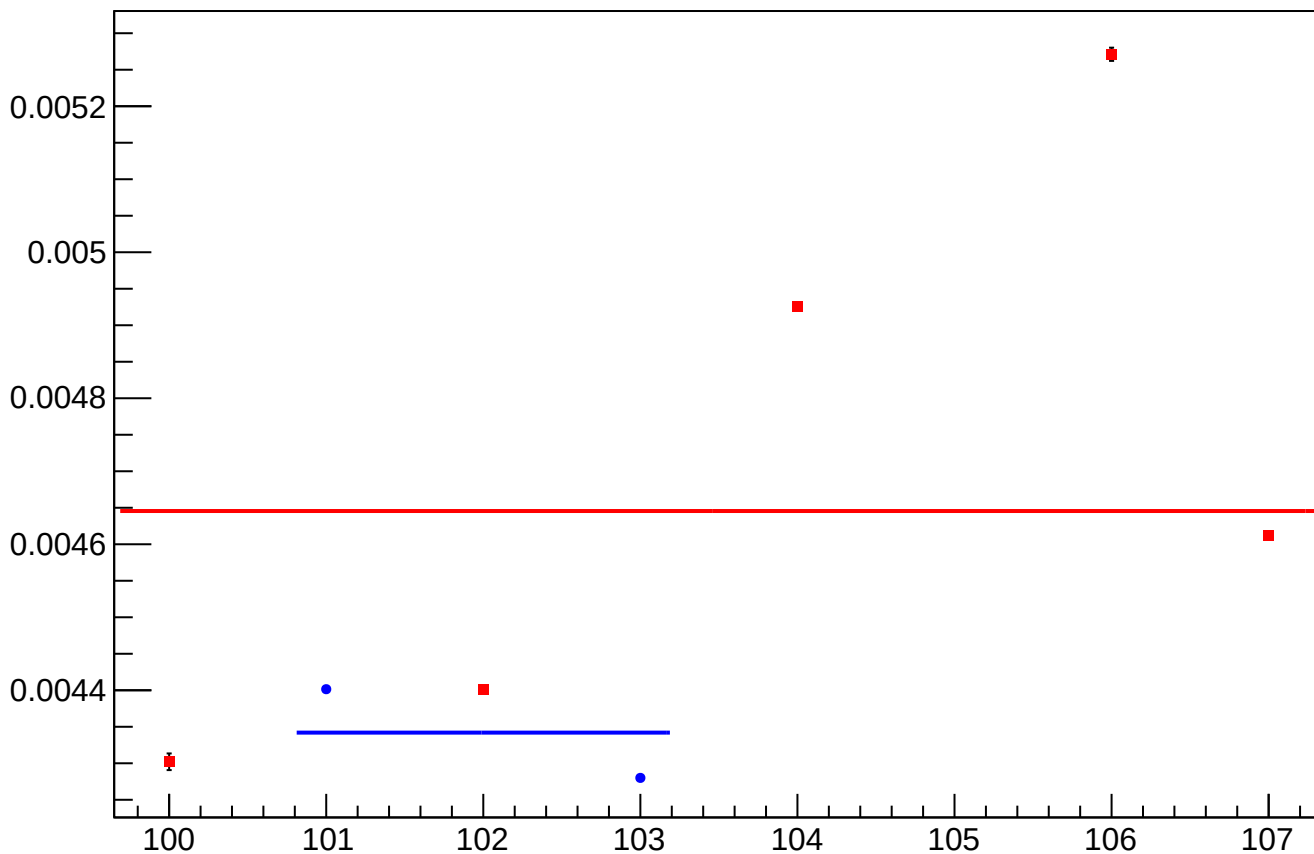
Right: -0.968+/-0.000 χ^2/NDF : 287104972.8/6

In: -0.947+/-0.000 χ^2/NDF : 65094779.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.968+/-0.000 χ^2/NDF : 287104972.8/6

yield_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 474.1/1

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

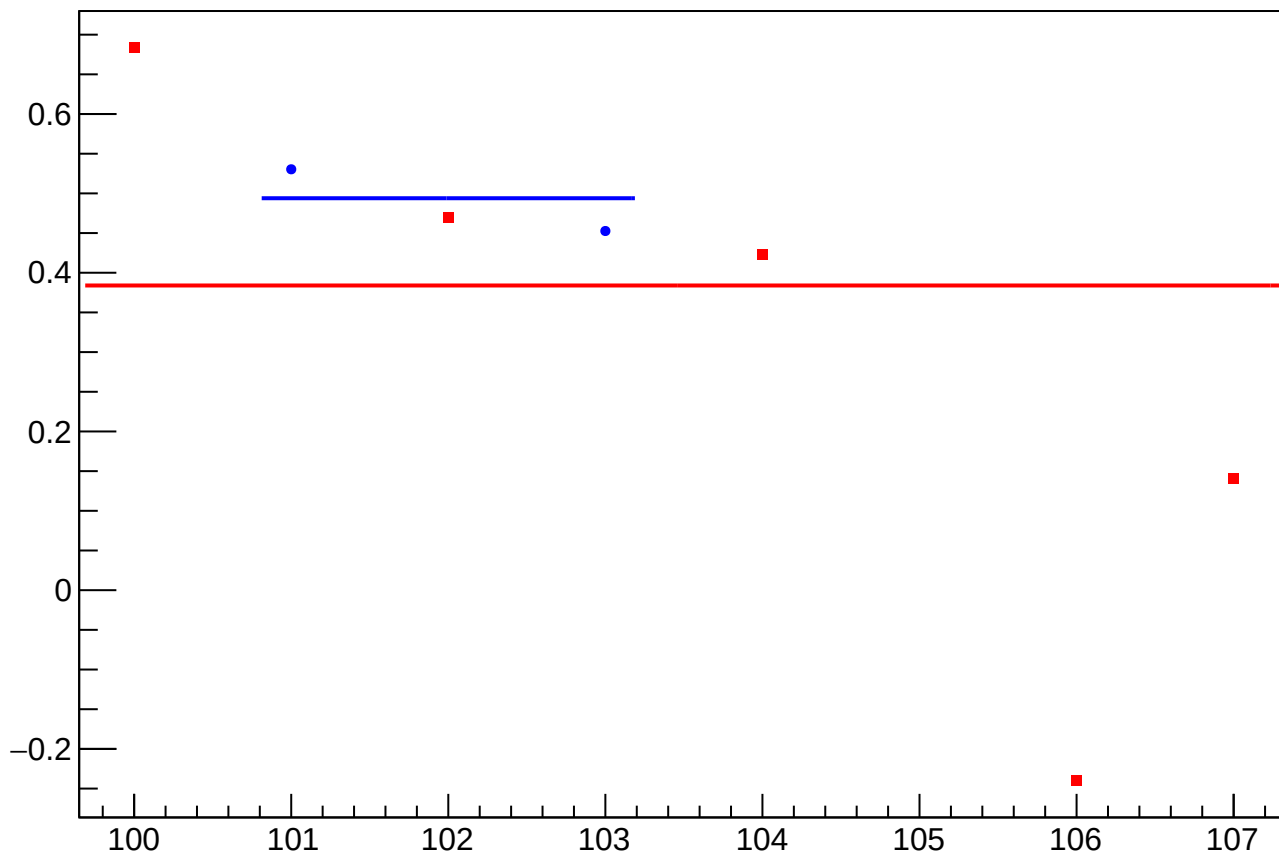
Right: 0.005+/-0.000 χ^2/NDF : 19653.1/6

In: 0.004+/-0.000 χ^2/NDF : 474.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 19653.1/6

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.494+/-0.000 χ^2/NDF : 138224657.1/1

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

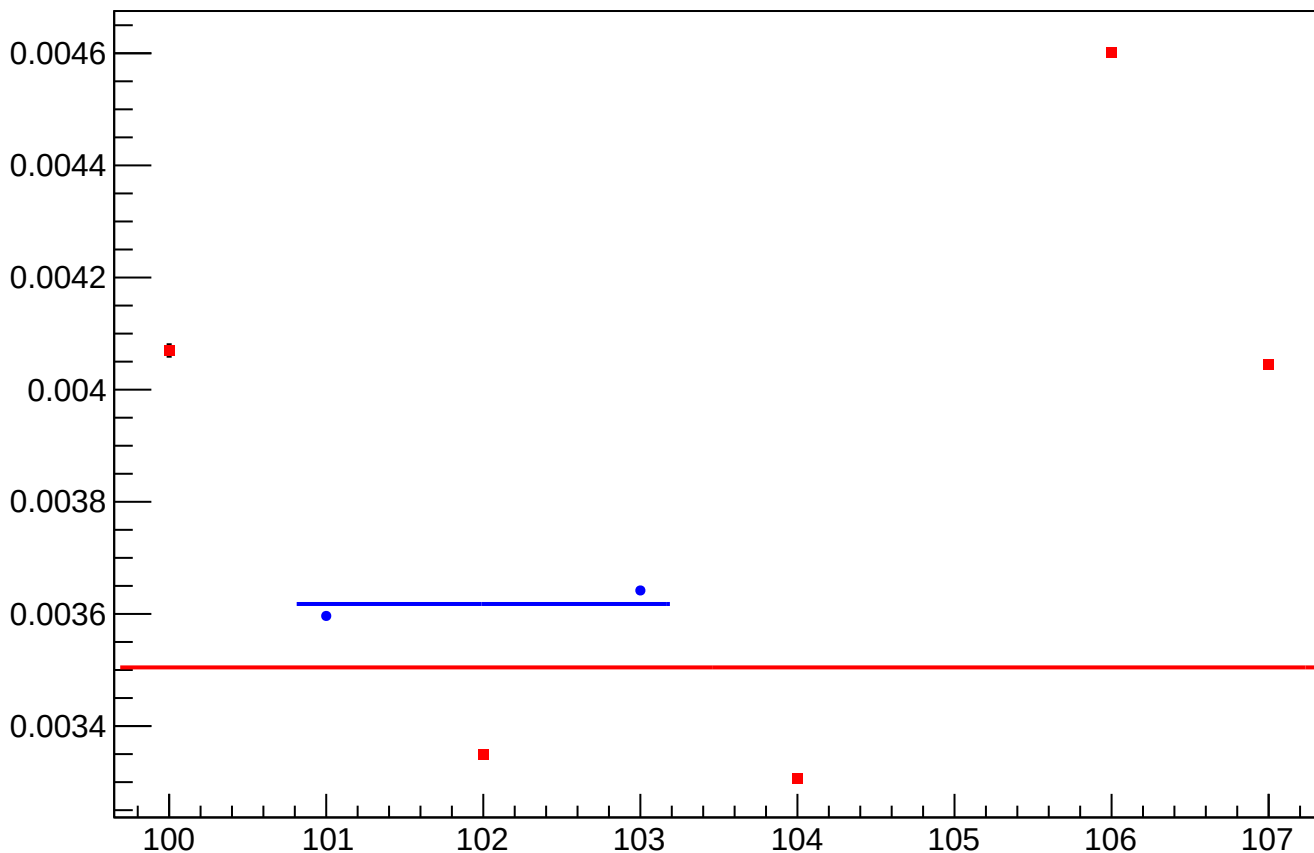
Right: 0.430+/-0.000 χ^2/NDF : 5089828663.7/6

In: 0.494+/-0.000 χ^2/NDF : 138224657.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.430+/-0.000 χ^2/NDF : 5089828663.7/6

yield_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 94.4/1

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

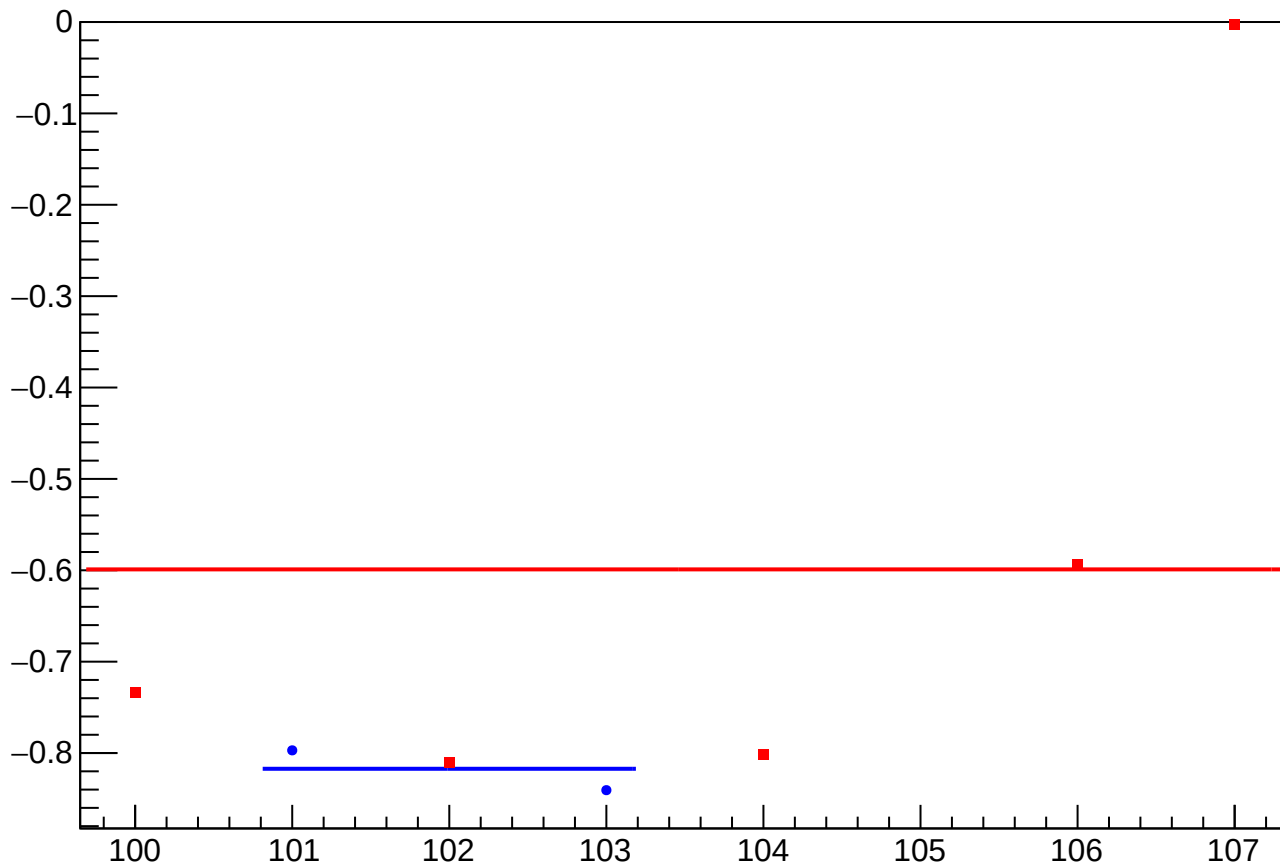
Right: 0.004+/-0.000 χ^2/NDF : 34781.3/6

In: 0.004+/-0.000 χ^2/NDF : 94.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 34781.3/6

yield_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -0.817+/-0.000 χ^2/NDF : 4061850.5/1

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

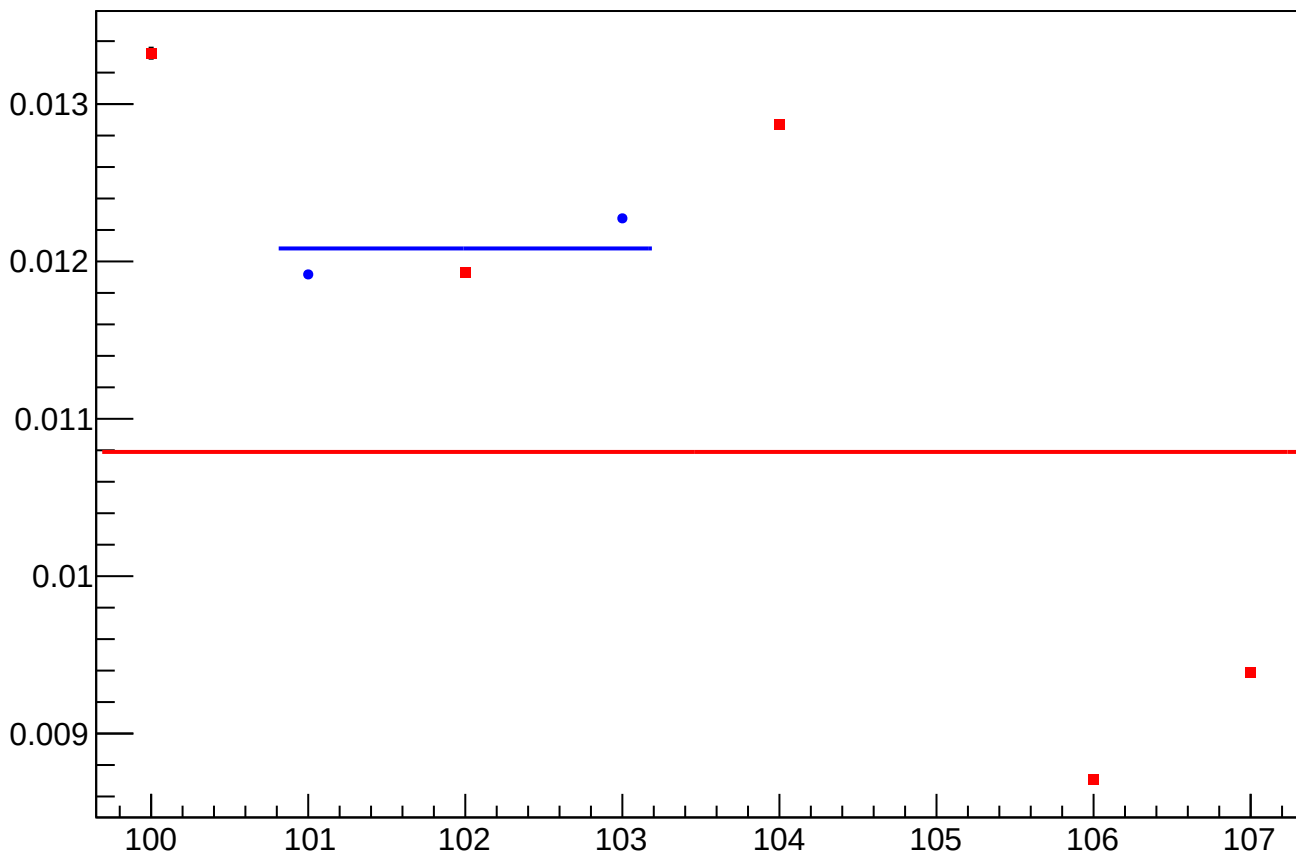
Right: -0.678+/-0.000 χ^2/NDF : 1575857440.1/6

In: -0.817+/-0.000 χ^2/NDF :4061850.5/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.678+/-0.000 χ^2/NDF : 1575857440.1/6

yield_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 543.2/1

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

Right Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 91746.3/4

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

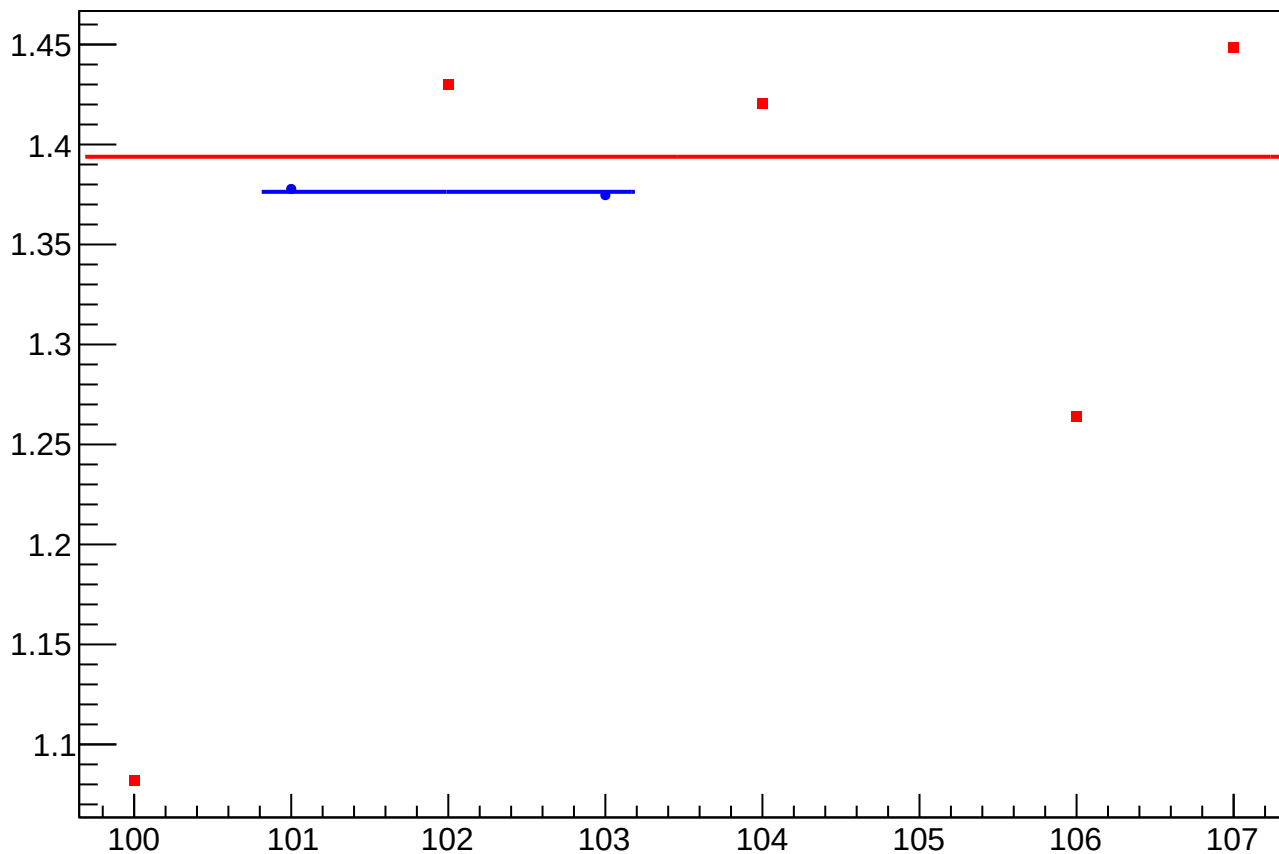
Right: 0.011 $\pm$ 0.000 χ^2 /NDF: 110611.8/6

In: 0.012 $\pm$ 0.000 χ^2 /NDF:543.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.000 χ^2 /NDF: 110611.8/6

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.376+/-0.000 χ^2/NDF : 85831.7/1

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

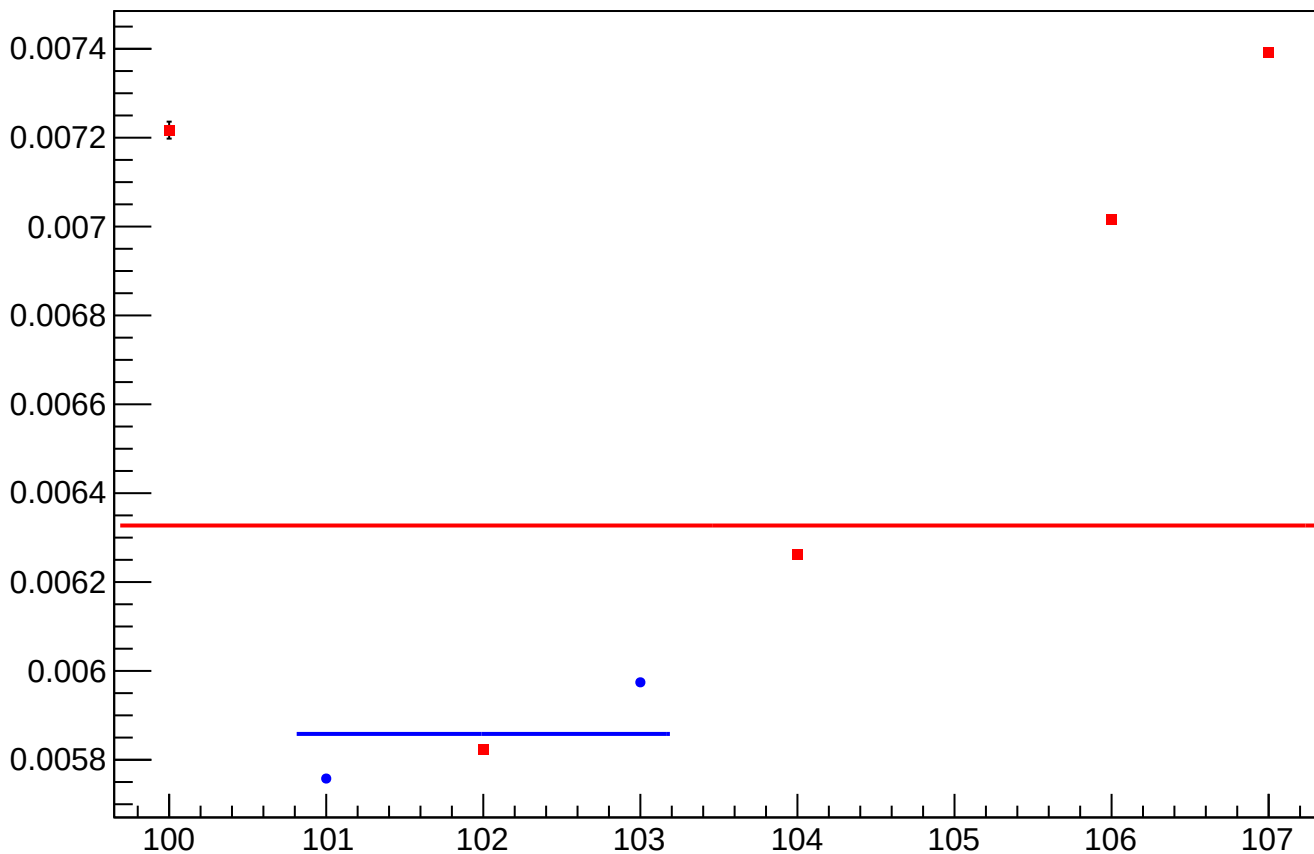
Right: 1.386+/-0.000 χ^2/NDF : 297285107.3/6

In: 1.376+/-0.000 χ^2/NDF : 85831.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.386+/-0.000 χ^2/NDF : 297285107.3/6

yield_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 845.5/1

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

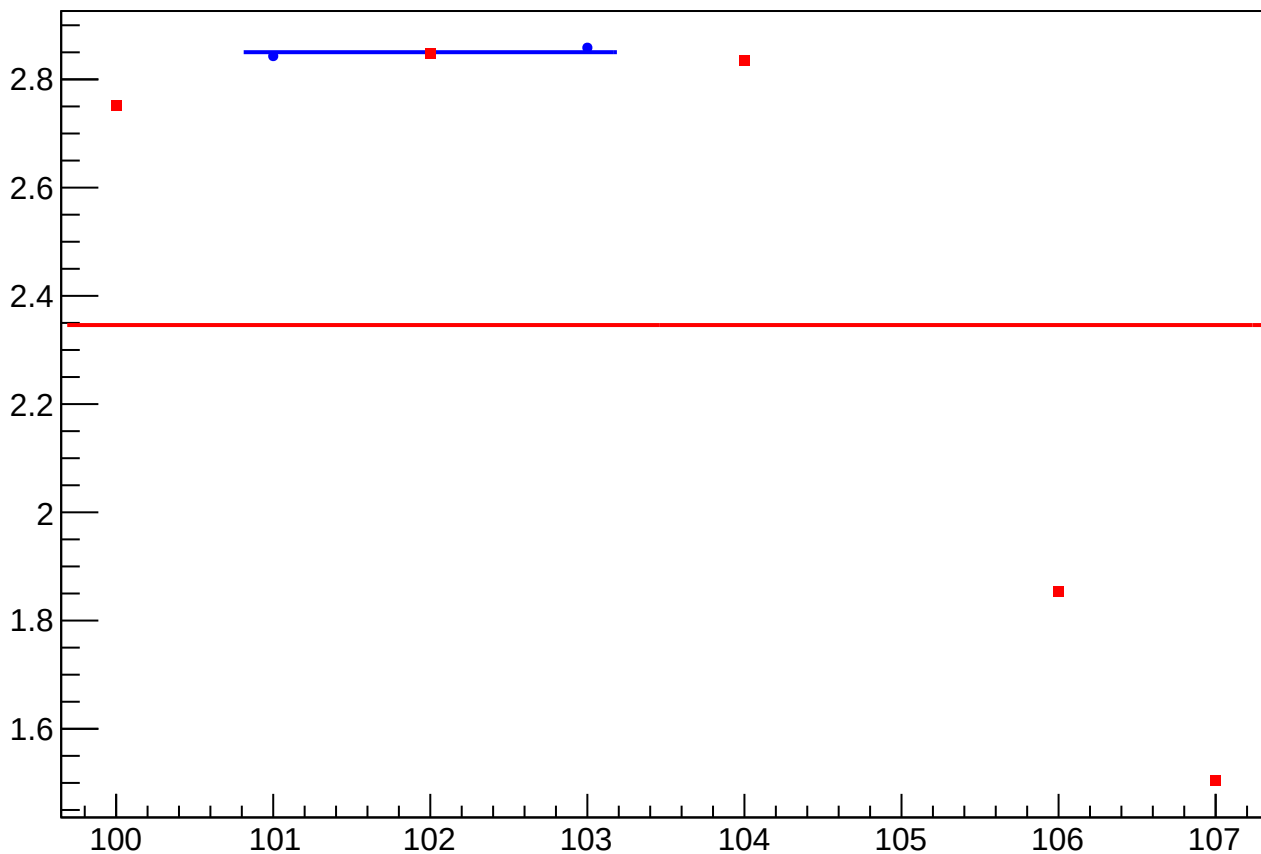
Right: 0.006+/-0.000 χ^2/NDF : 37655.9/6

In: 0.006+/-0.000 χ^2/NDF : 845.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 37655.9/6

yield_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 2.850+/-0.000 χ^2/NDF : 1159947.2/1

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

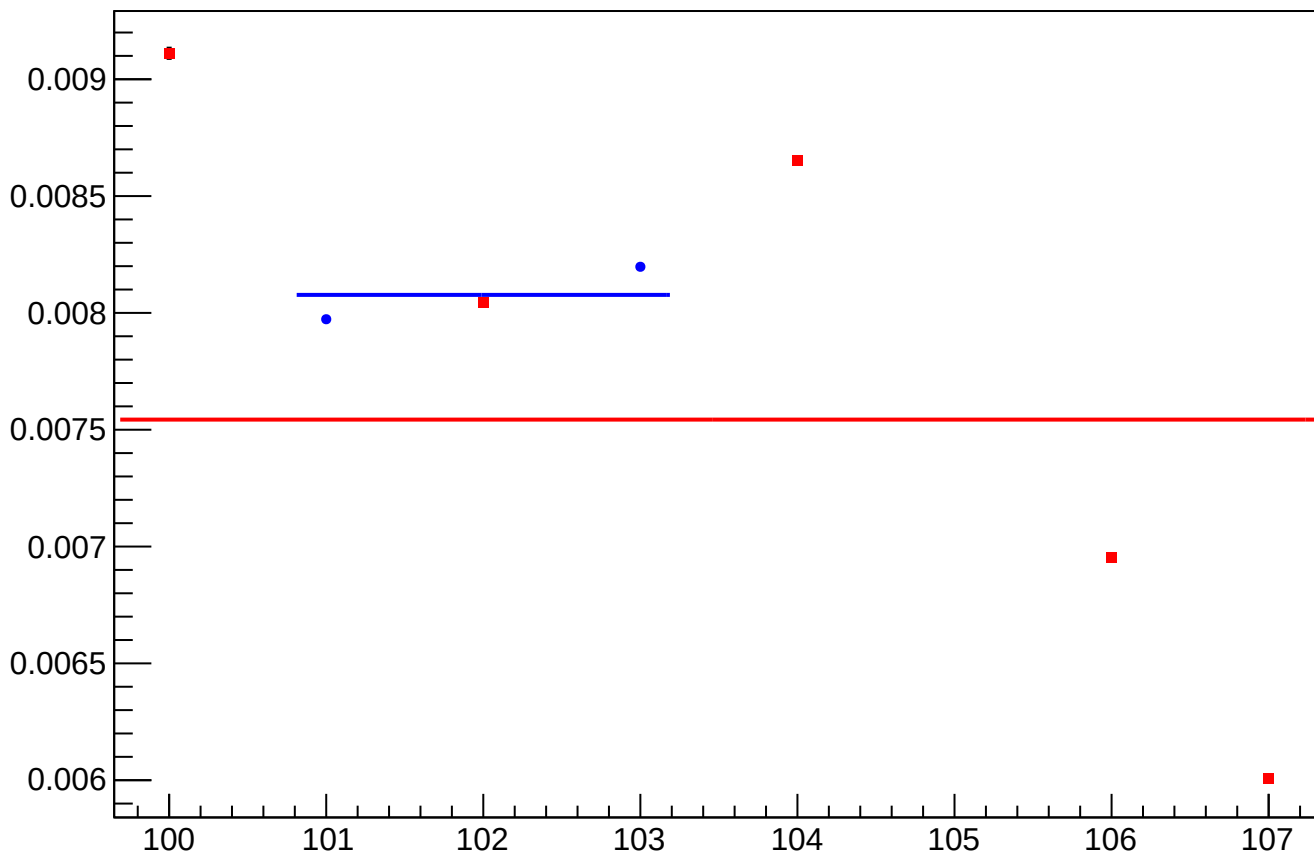
Right: 2.540+/-0.000 χ^2/NDF : 13619848440.0/6

In: 2.850+/-0.000 χ^2/NDF : 1159947.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.540+/-0.000 χ^2/NDF : 13619848440.0/6

yield_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 483.1/1

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

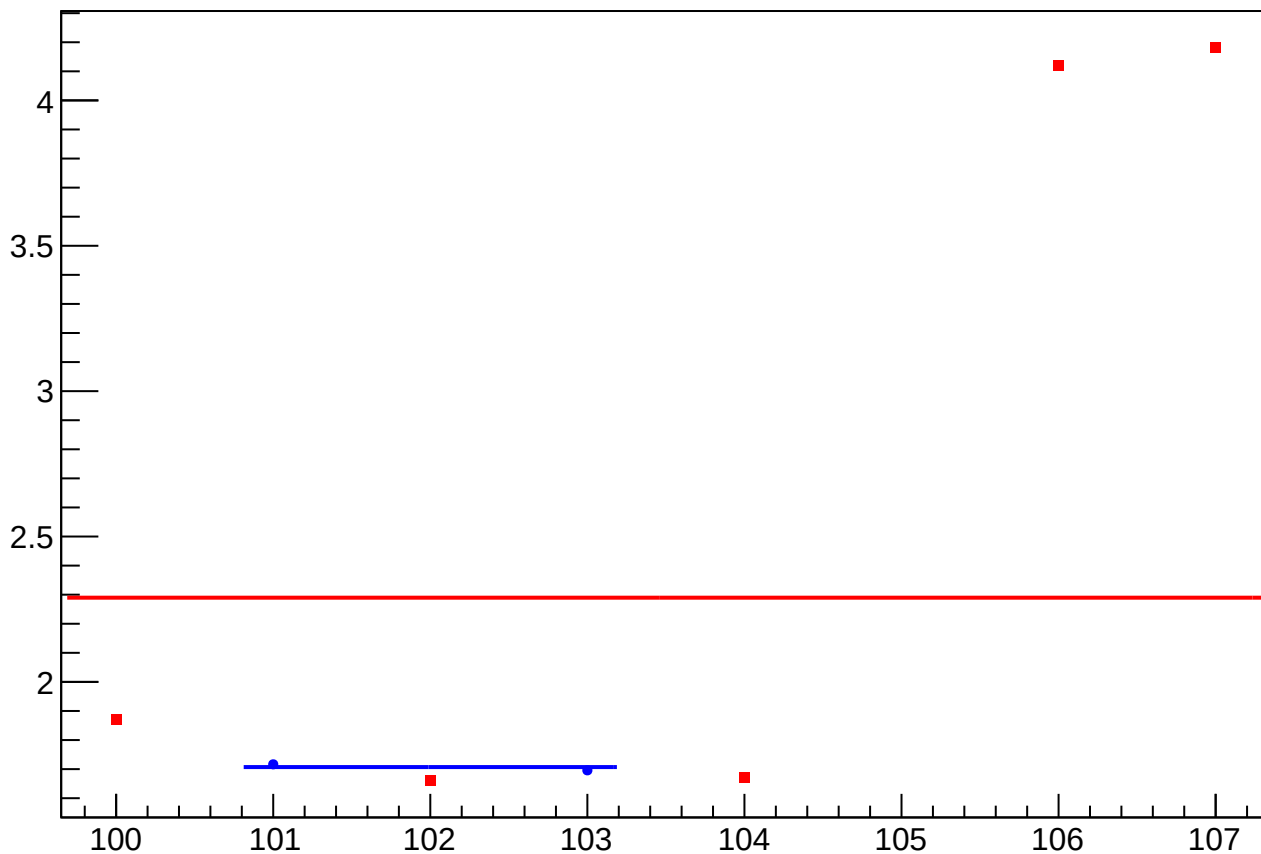
Right: 0.008+/-0.000 χ^2/NDF : 69506.0/6

In: 0.008+/-0.000 χ^2/NDF : 483.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 69506.0/6

yield_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 1.707+/-0.000 χ^2/NDF : 4780886.2/1

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

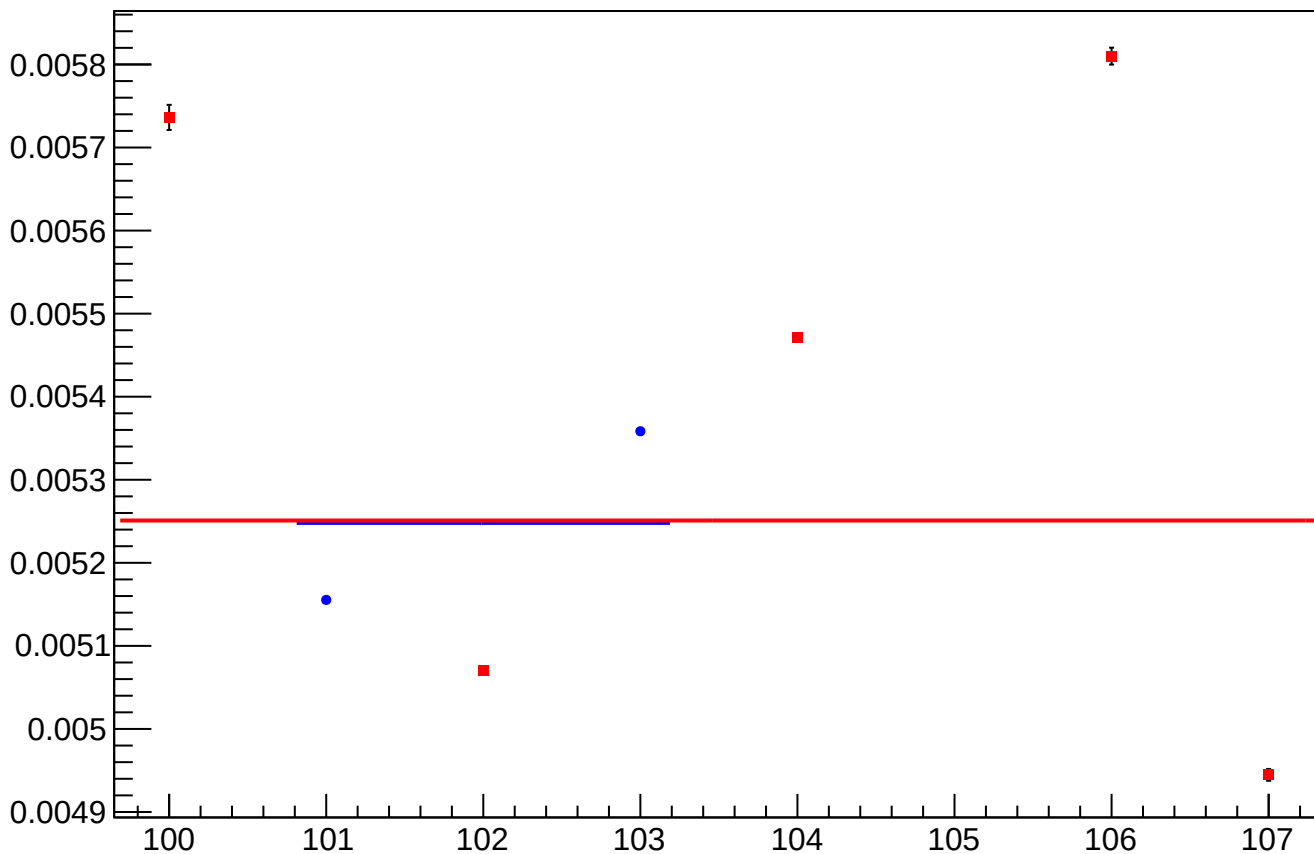
Right: 2.038+/-0.000 χ^2/NDF : 77033580889.0/6

In: 1.707+/-0.000 χ^2/NDF : 4780886.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.038+/-0.000 χ^2/NDF : 77033580889.0/6

yield_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 923.3/1

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

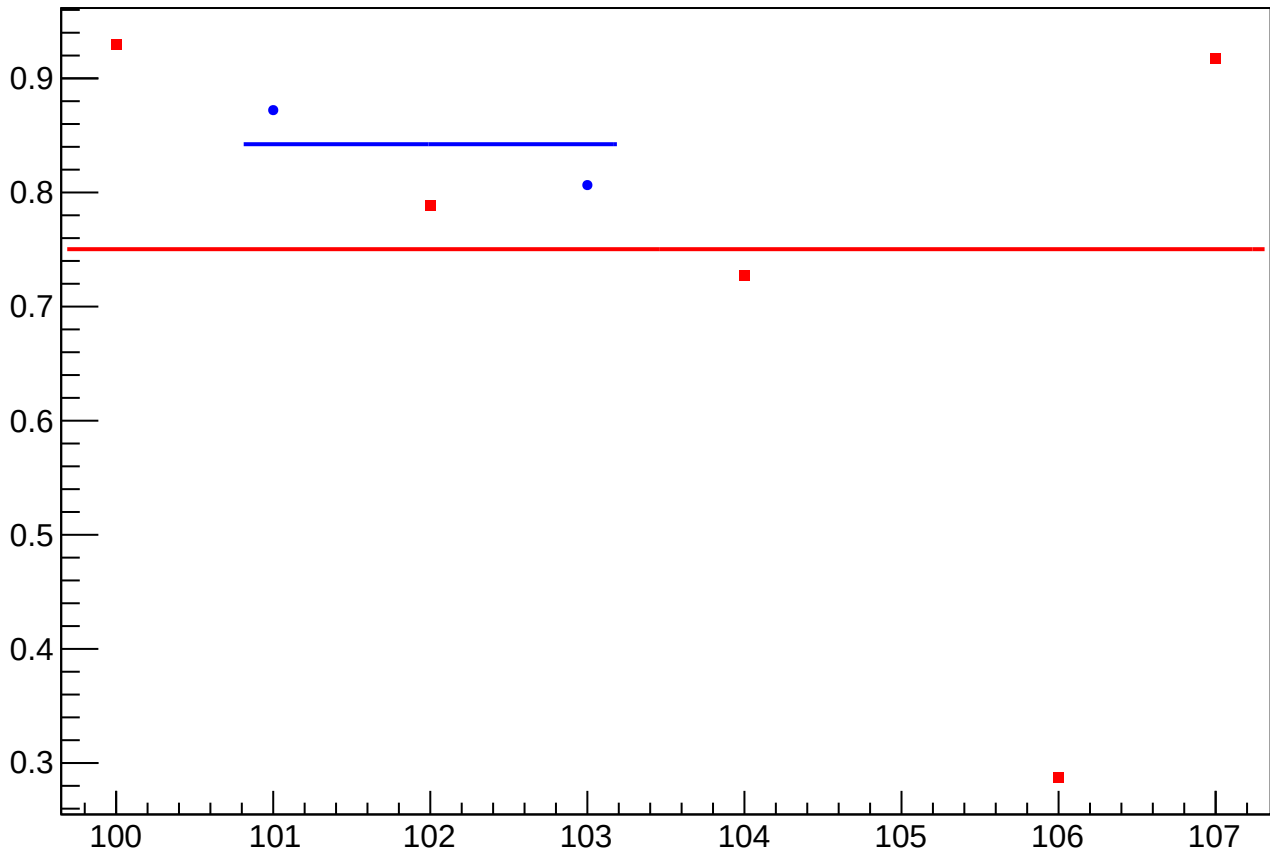
Right: 0.005+/-0.000 χ^2/NDF : 10134.6/6

In: 0.005+/-0.000 χ^2/NDF : 923.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 10134.6/6

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.842+/-0.000 χ^2/NDF : 6119031.4/1

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

Right Out: 0.750+/-0.000 χ^2/NDF : 204464051.5/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

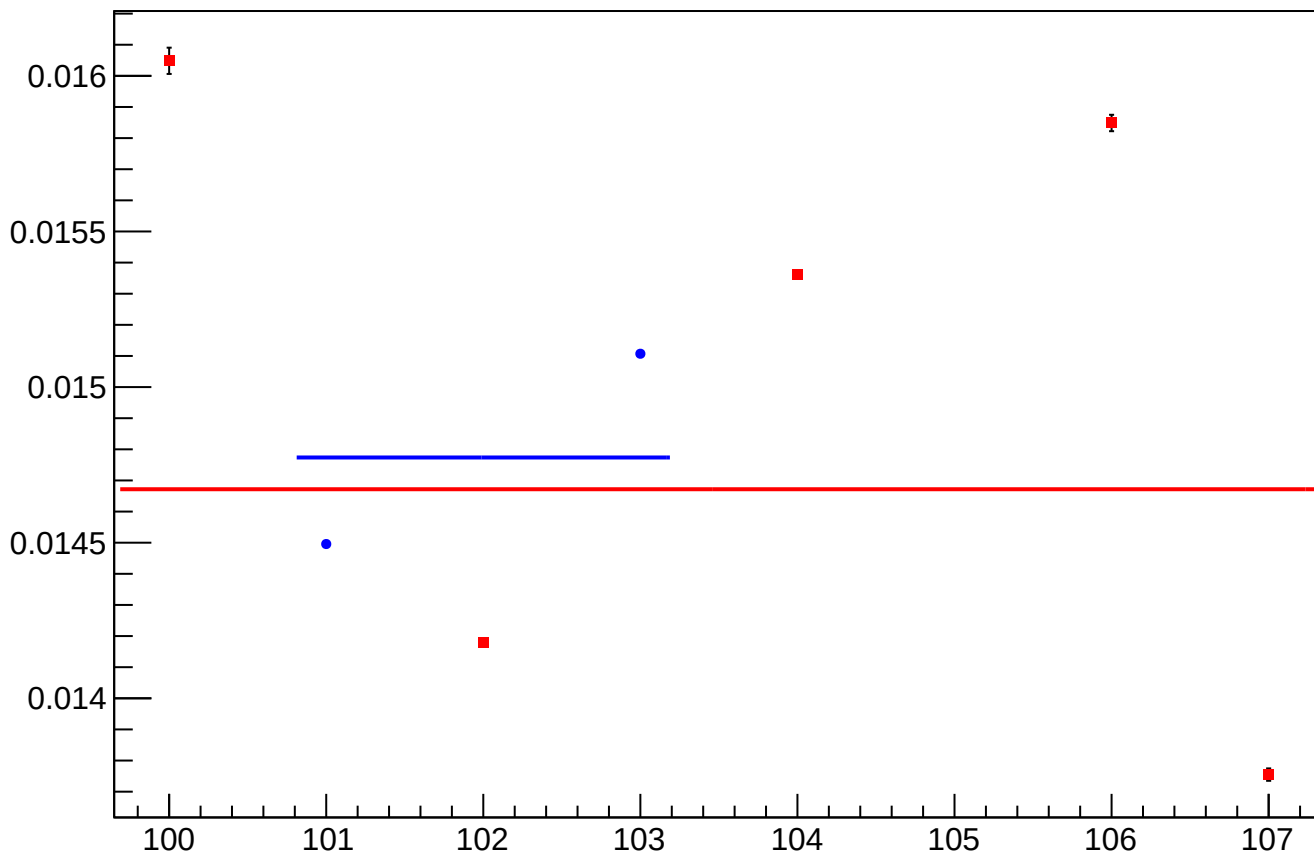
Right: 0.790+/-0.000 χ^2/NDF : 238317846.9/6

In: 0.842+/-0.000 χ^2/NDF : 6119031.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.790+/-0.000 χ^2/NDF : 238317846.9/6

yield_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 1060.2/1

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

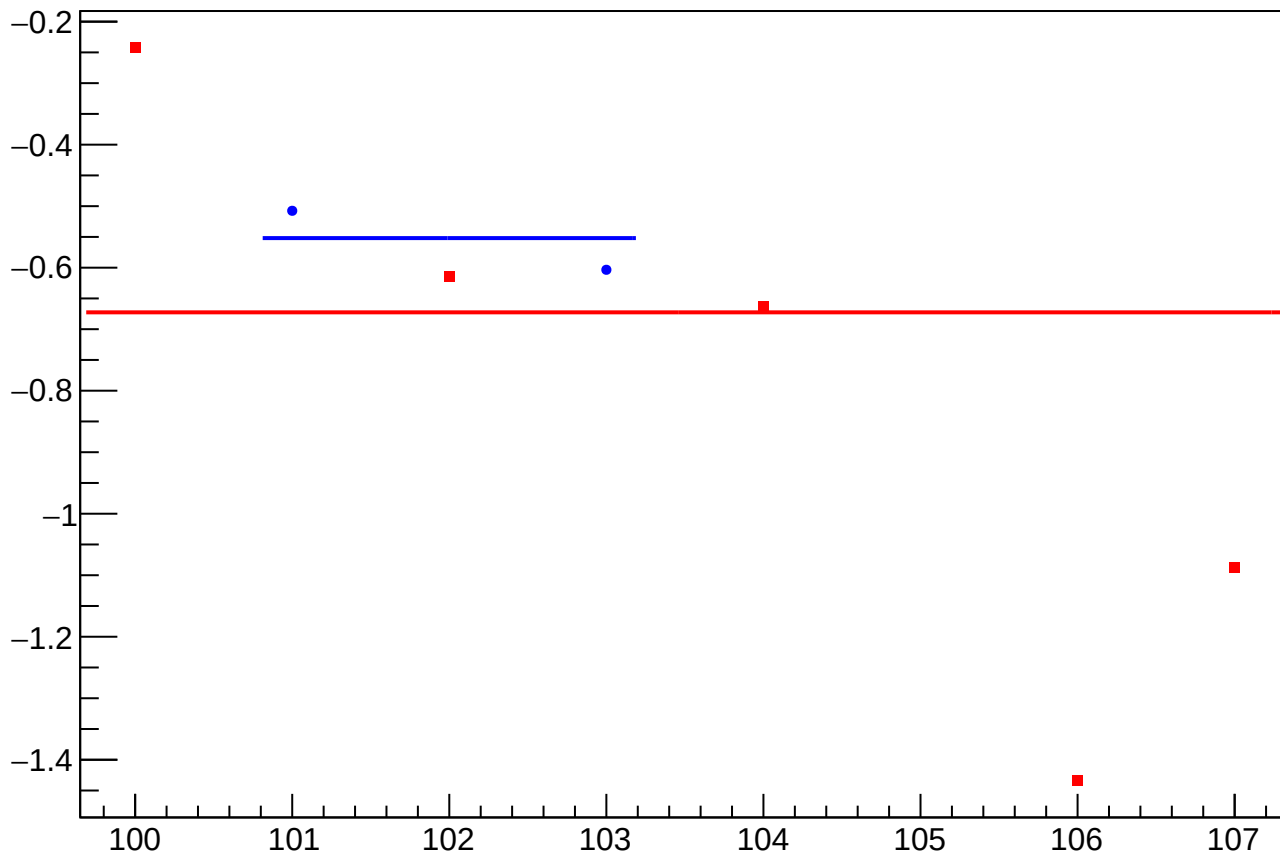
Right: 0.015+/-0.000 χ^2/NDF : 9941.1/6

In: 0.015+/-0.000 χ^2/NDF : 1060.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 9941.1/6

yield_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: -0.552+/-0.000 χ^2/NDF : 179465806.5/1

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

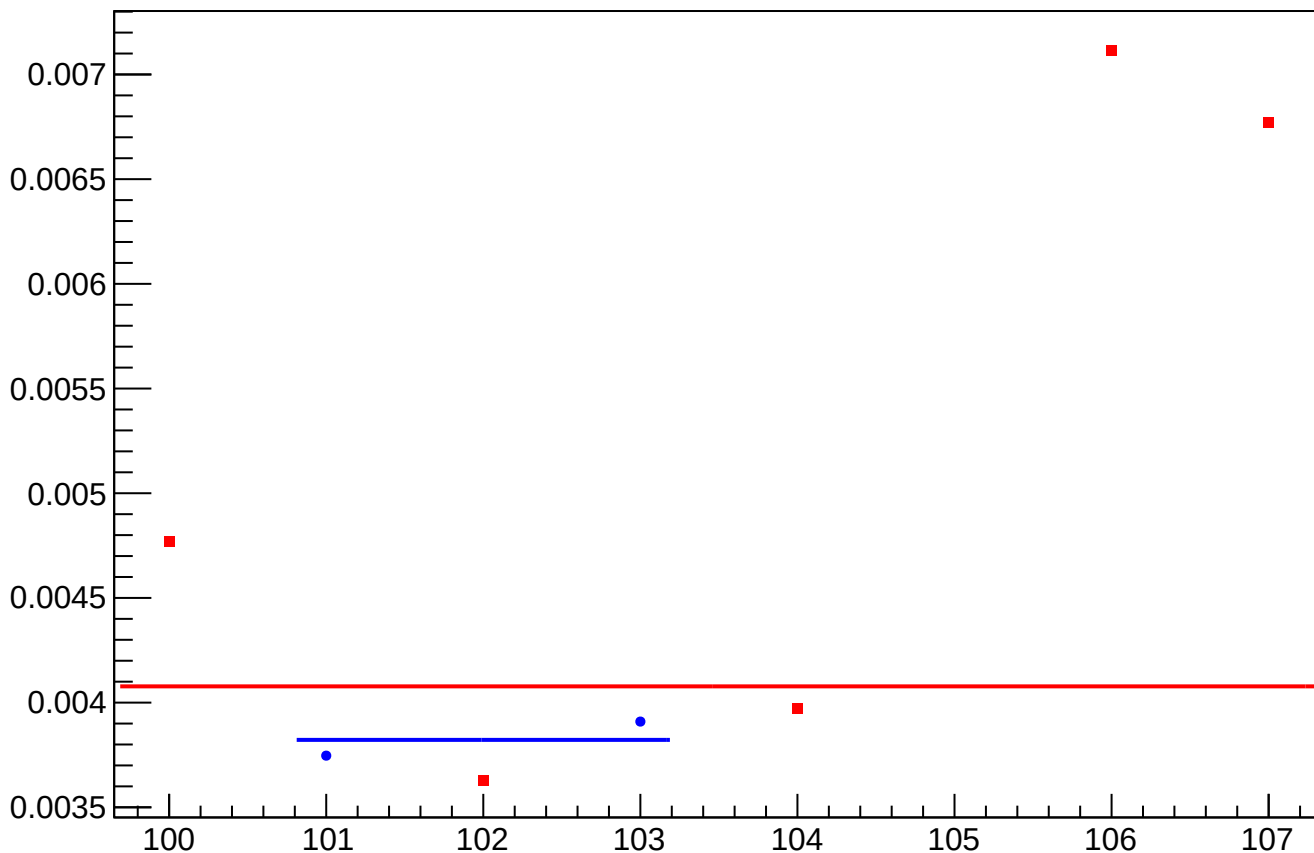
Right: -0.616+/-0.000 χ^2/NDF : 4041956452.4/6

In: -0.552+/-0.000 χ^2/NDF : 179465806.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.616+/-0.000 χ^2/NDF : 4041956452.4/6

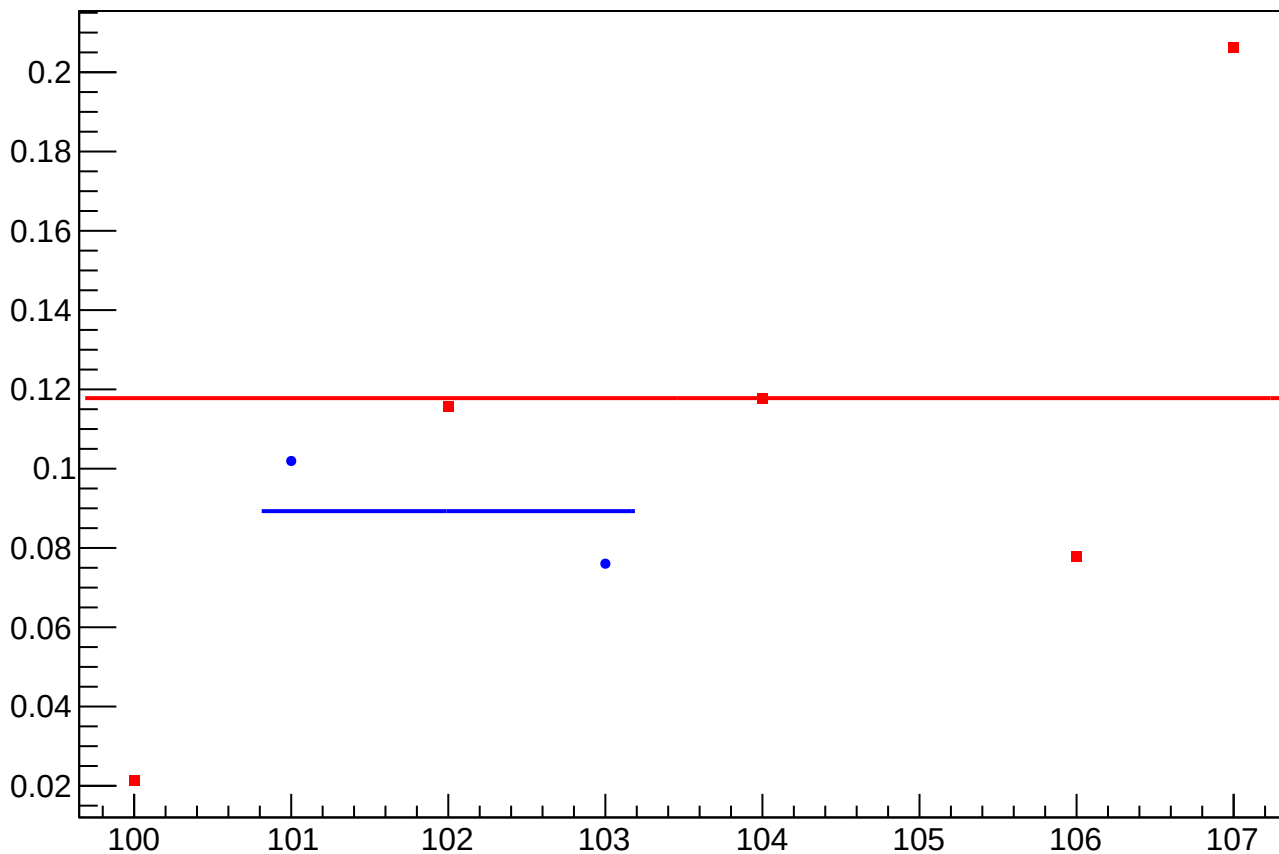
yield_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 1033.6/1
 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 : 154308.4/6
 In: 0.004+/-0.000 χ^2/NDF : 1033.6/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.004+/-0.000 χ^2/NDF : 154308.4/6

yield_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 0.089+/-0.000 χ^2/NDF : 82794414.5/1

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

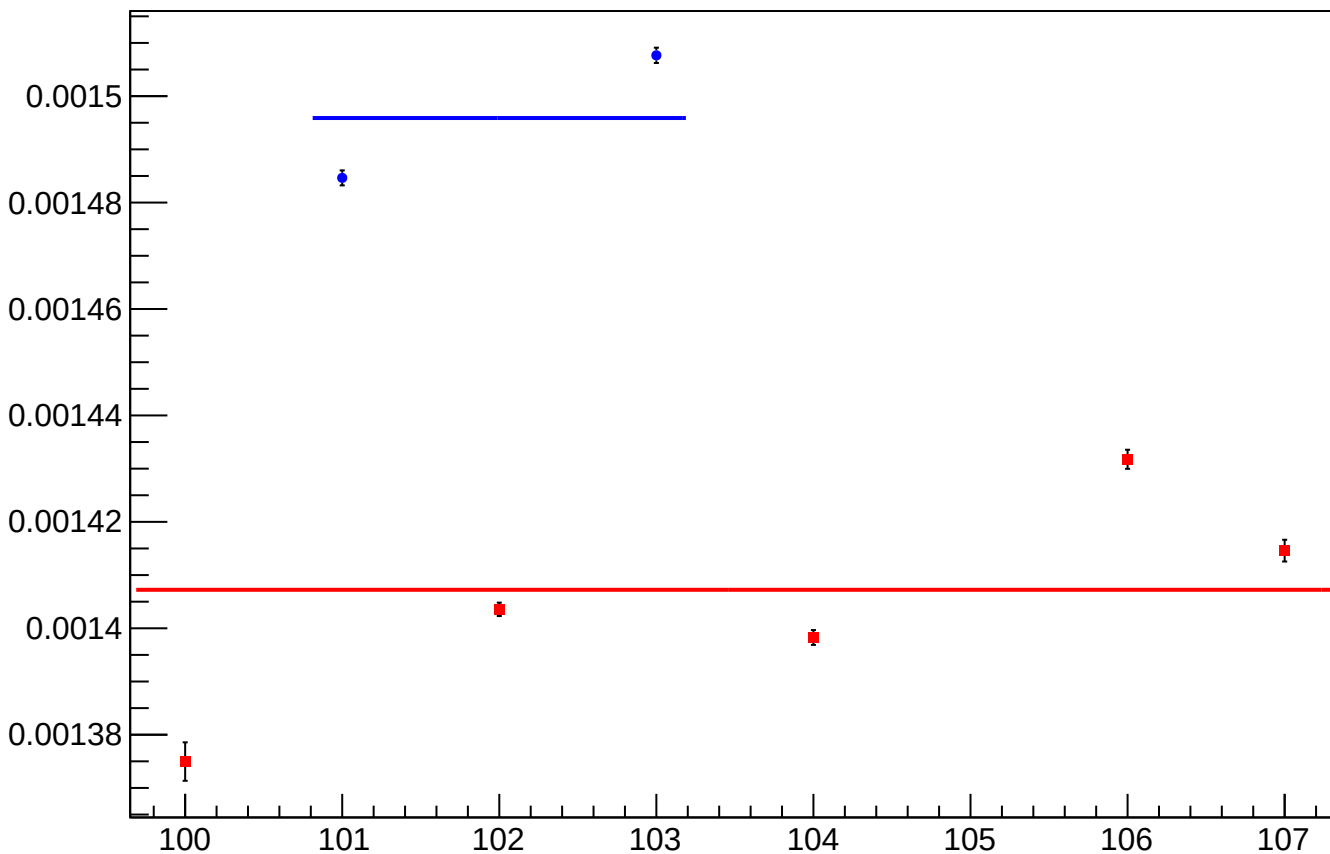
Right: 0.108+/-0.000 χ^2/NDF : 1881691080.7/6

In: 0.089+/-0.000 χ^2/NDF : 82794414.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.108+/-0.000 χ^2/NDF : 1881691080.7/6

yield_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 130.8/1

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

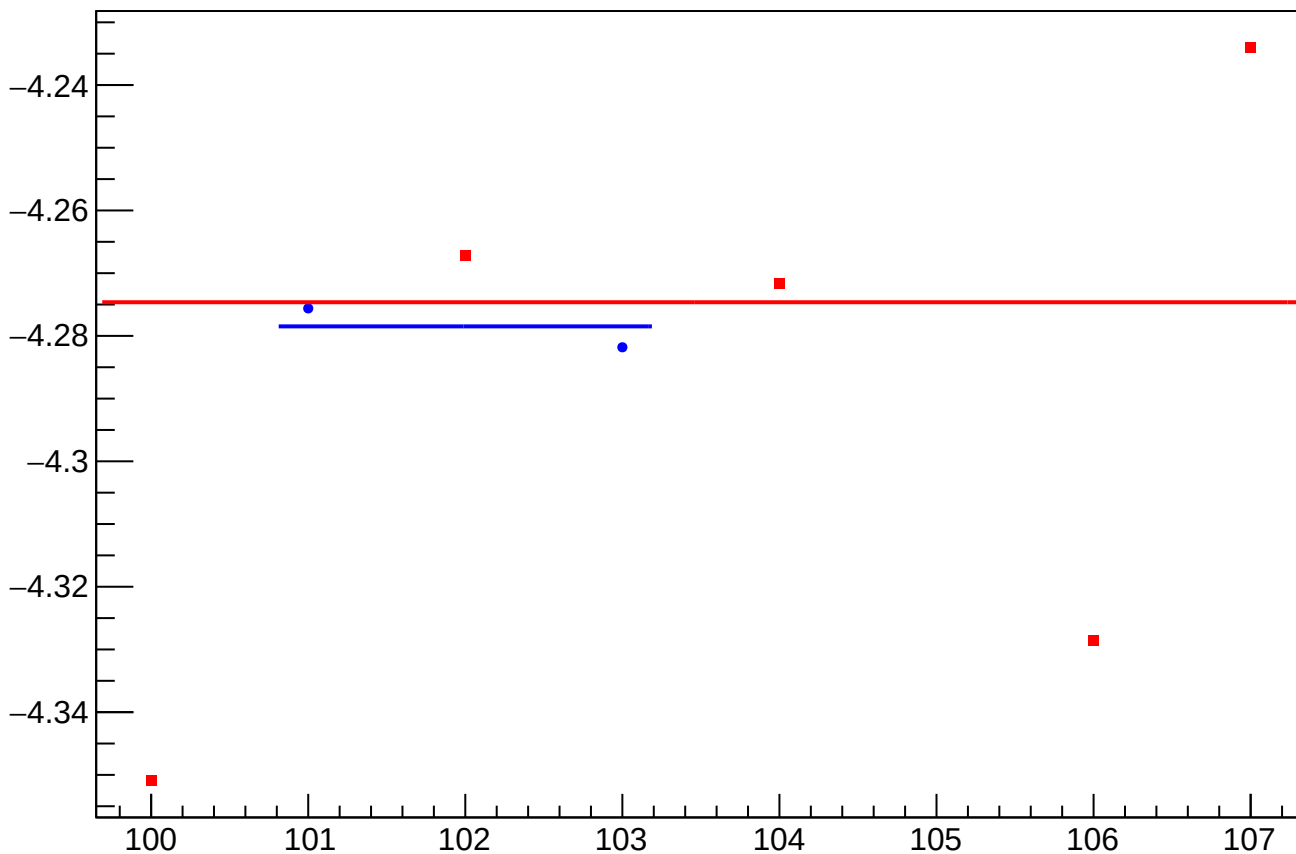
Right: 0.001+/-0.000 χ^2/NDF : 5441.0/6

In: 0.001+/-0.000 χ^2/NDF :130.8/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5441.0/6

yield_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -4.278+/-0.000 χ^2/NDF : 3098336.9/1

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

Right Out: -4.275+/-0.000 χ^2/NDF : 615559580.0/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

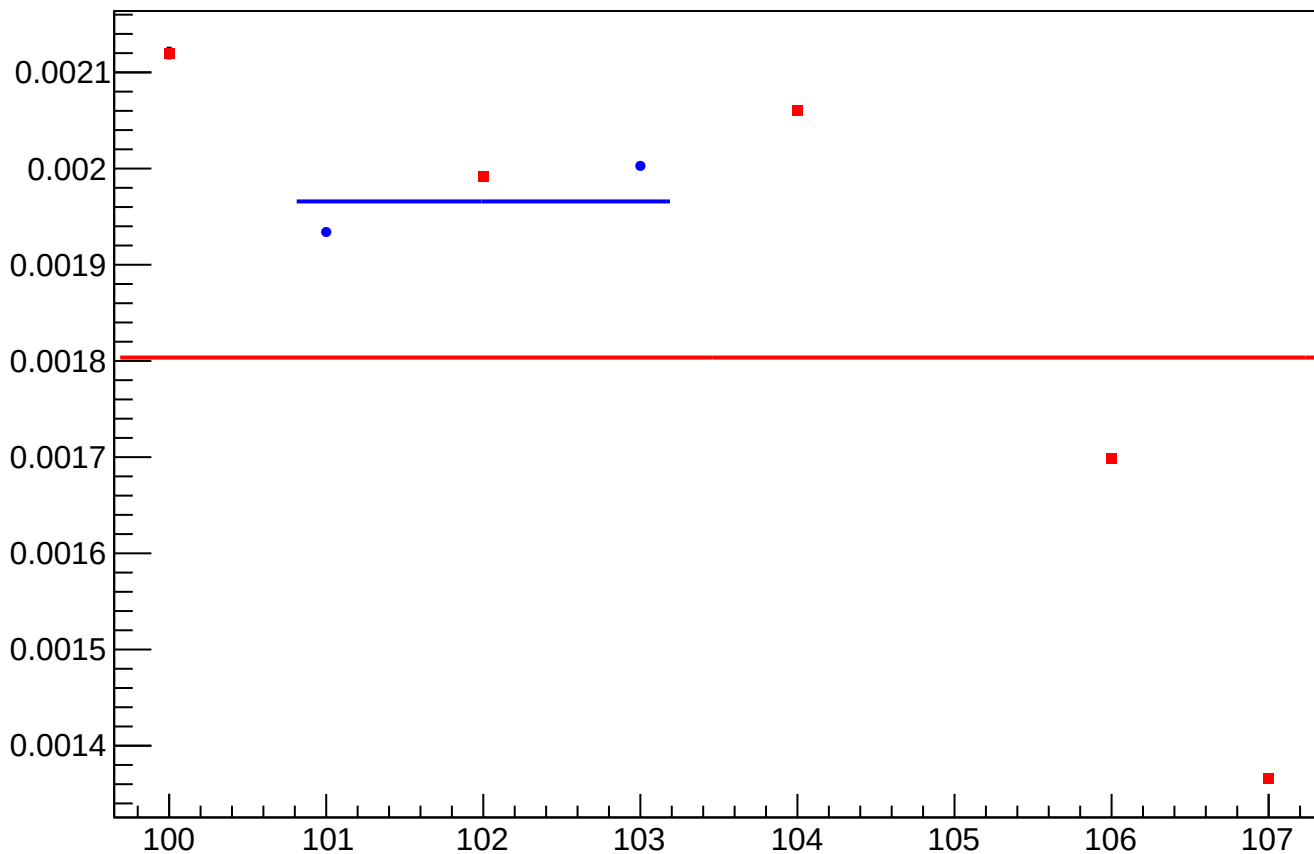
Right: -4.276+/-0.000 χ^2/NDF : 621645229.6/6

In: -4.278+/-0.000 χ^2/NDF : 3098336.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.276+/-0.000 χ^2/NDF : 621645229.6/6

yield_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 761.3/1

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

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 82311.2/4

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

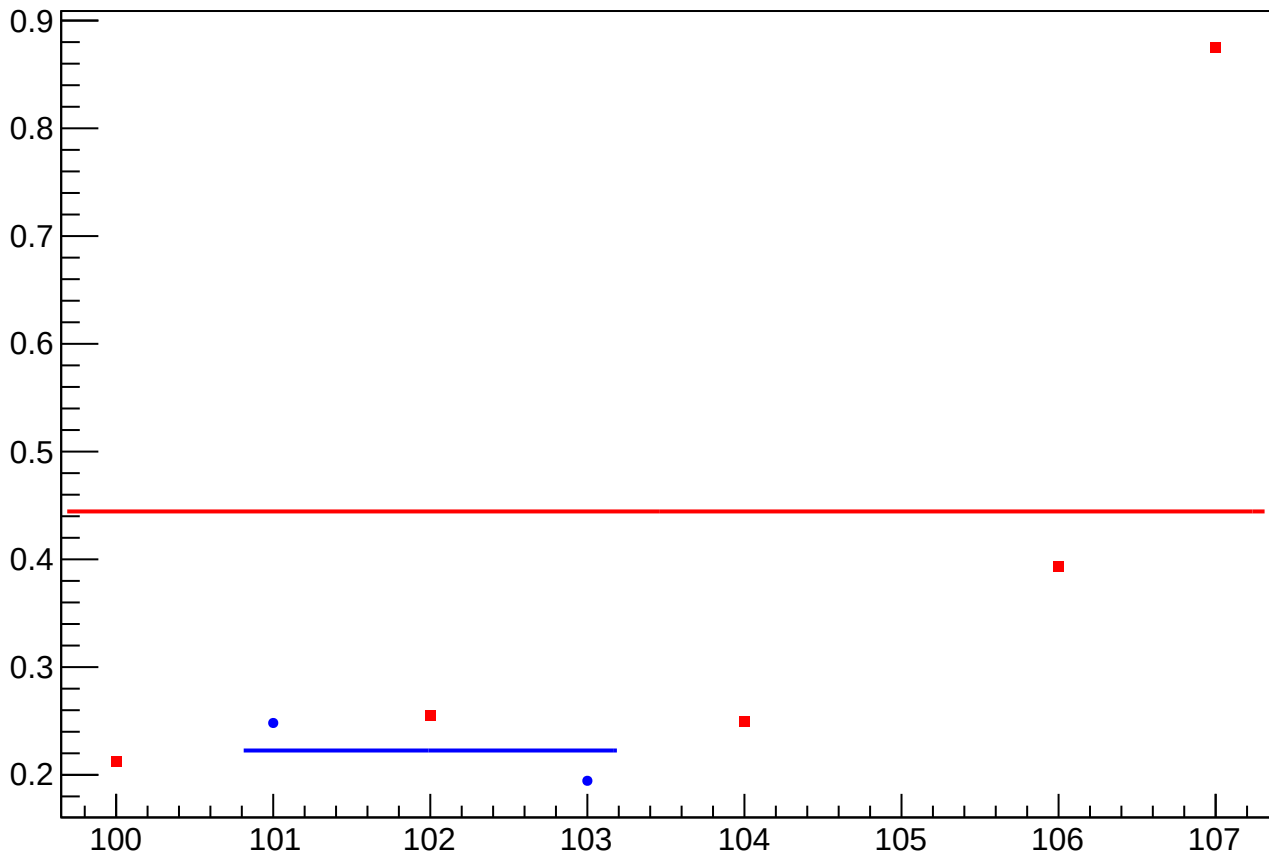
Right: 0.002 $\pm$ 0.000 χ^2 /NDF: 93686.8/6

In: 0.002 $\pm$ 0.000 χ^2 /NDF: 761.3/1

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

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 93686.8/6

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 0.223+/-0.000 χ^2/NDF : 11778675.4/1

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

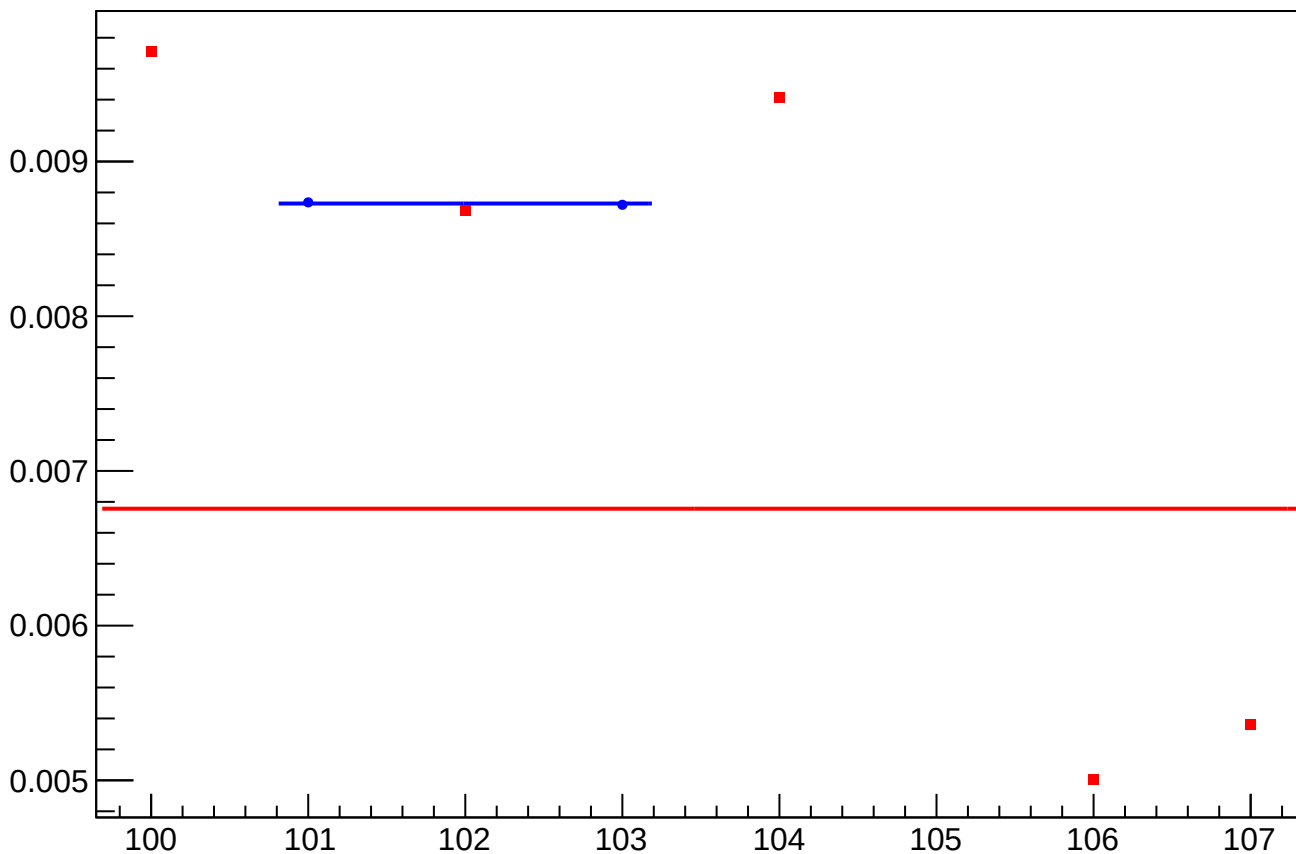
Right: 0.376+/-0.000 χ^2/NDF : 2725632932.7/6

In: 0.223+/-0.000 χ^2/NDF : 11778675.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.376+/-0.000 χ^2/NDF : 2725632932.7/6

yield_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 2.0/1

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

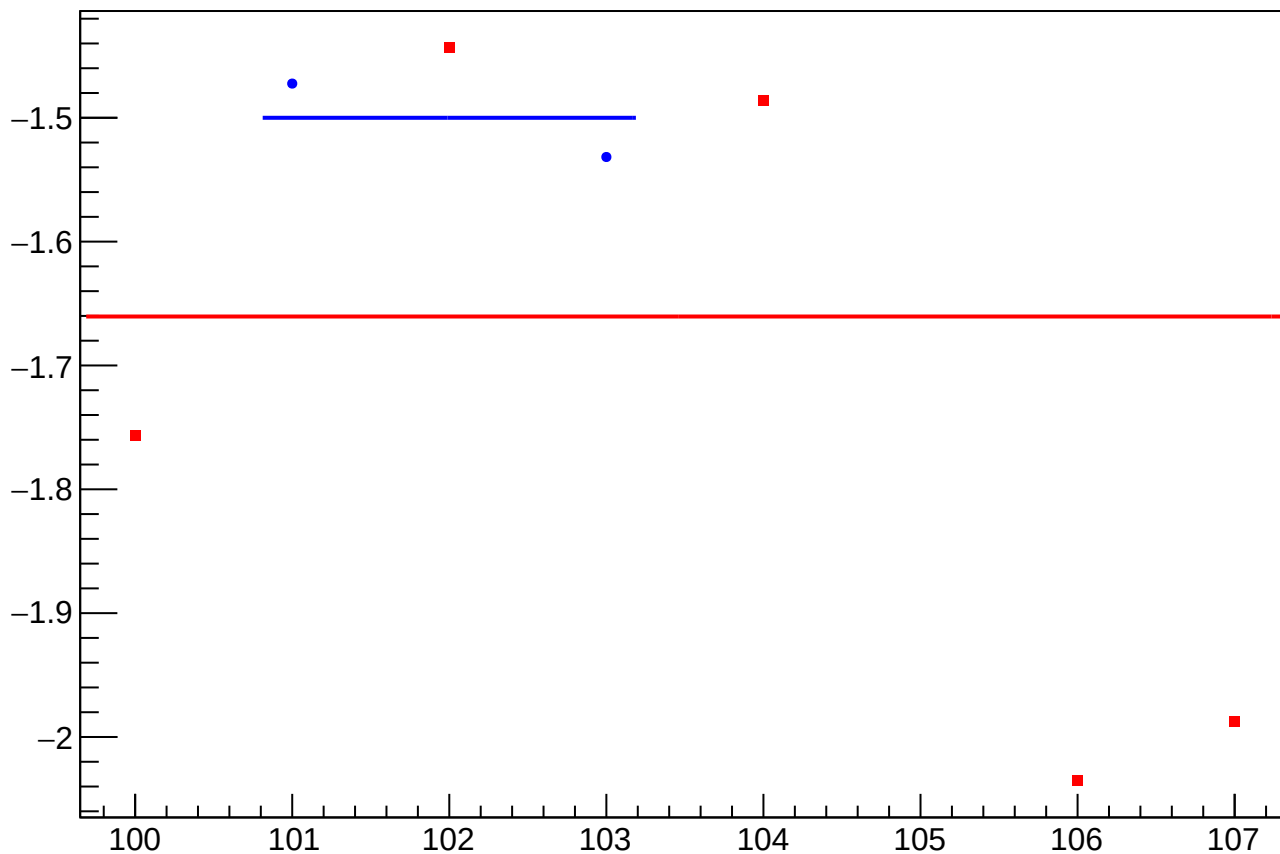
Right: 0.007+/-0.000 χ^2/NDF : 360254.9/6

In: 0.009+/-0.000 χ^2/NDF : 2.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 360254.9/6

yield_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -1.500+/-0.000 χ^2/NDF : 34797329.4/1

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

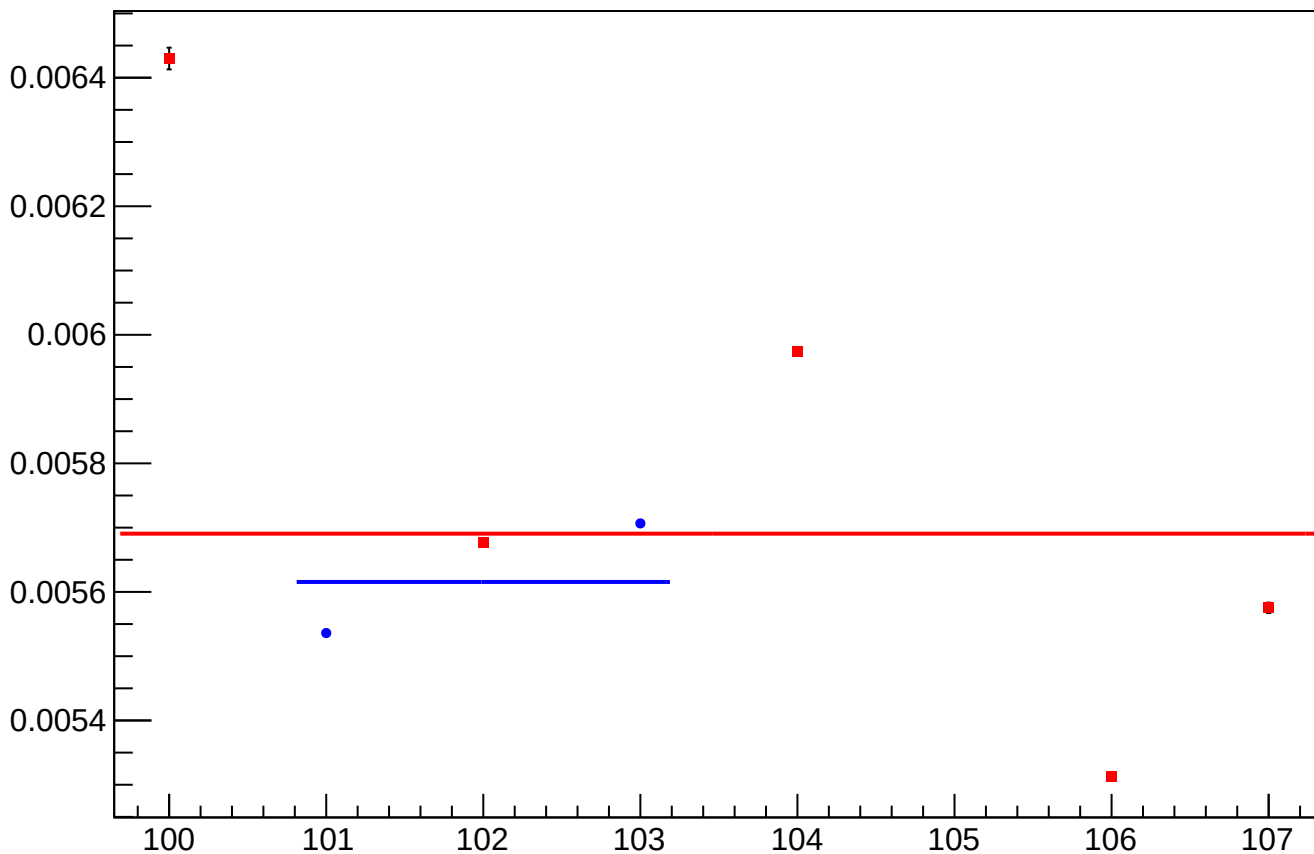
Right: -1.593+/-0.000 χ^2/NDF : 4436335954.5/6

In: -1.500+/-0.000 χ^2/NDF :34797329.4/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.593+/-0.000 χ^2/NDF : 4436335954.5/6

yield_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 576.2/1

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

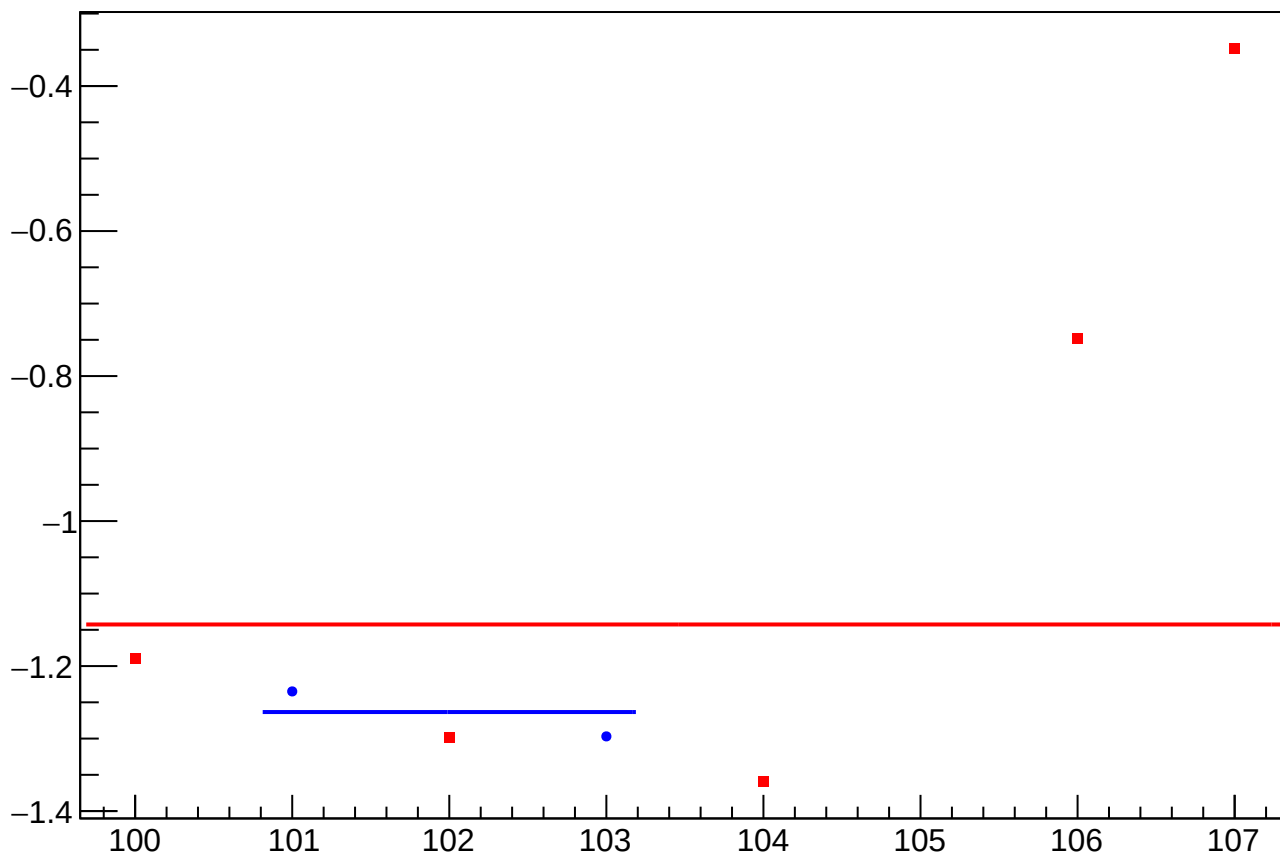
Right: 0.006+/-0.000 χ^2/NDF : 8480.3/6

In: 0.006+/-0.000 χ^2/NDF : 576.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 8480.3/6

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -1.263+/-0.000 χ^2/NDF : 11468426.3/1

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

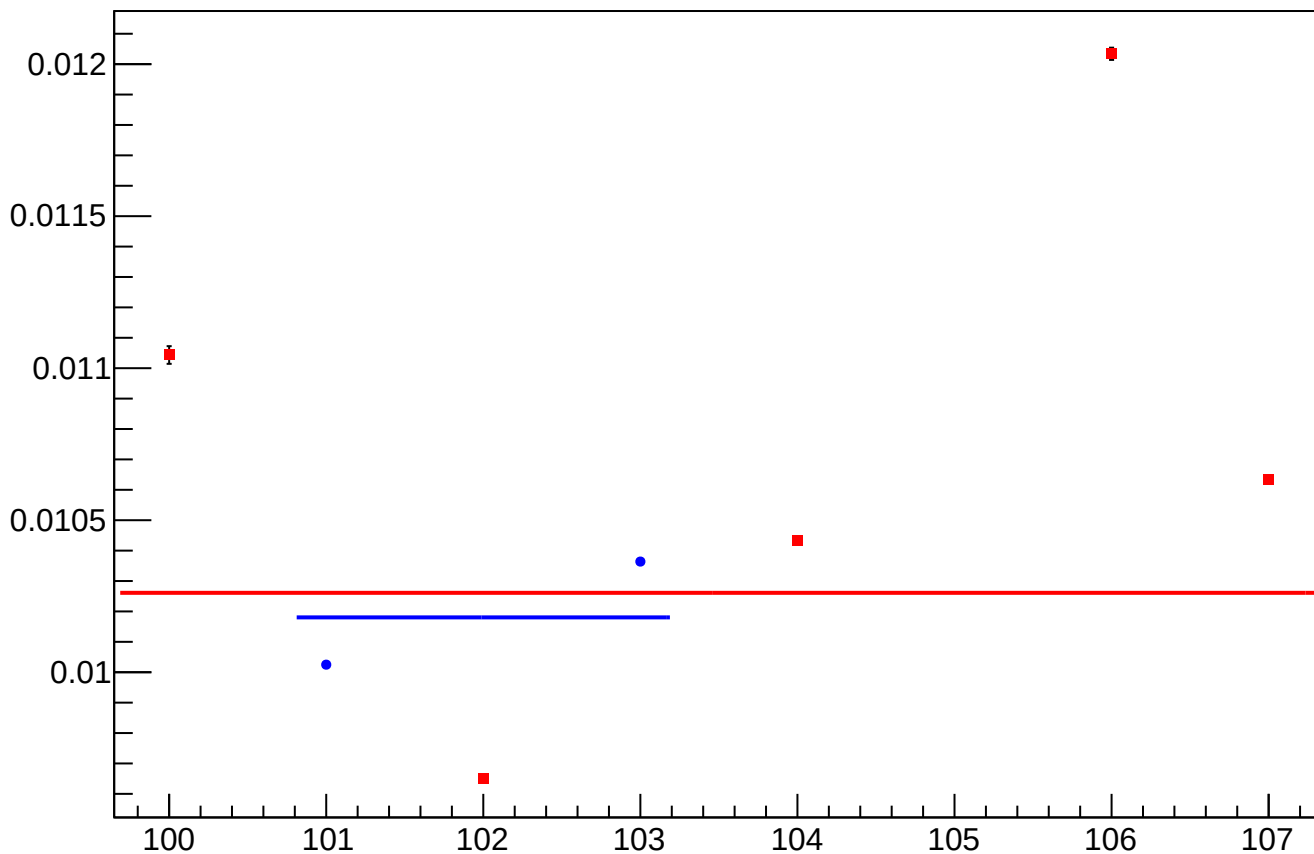
Right: -1.195+/-0.000 χ^2/NDF : 2010461856.7/6

In: -1.263+/-0.000 χ^2/NDF :11468426.3/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.195+/-0.000 χ^2/NDF : 2010461856.7/6

yield_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 685.4/1

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

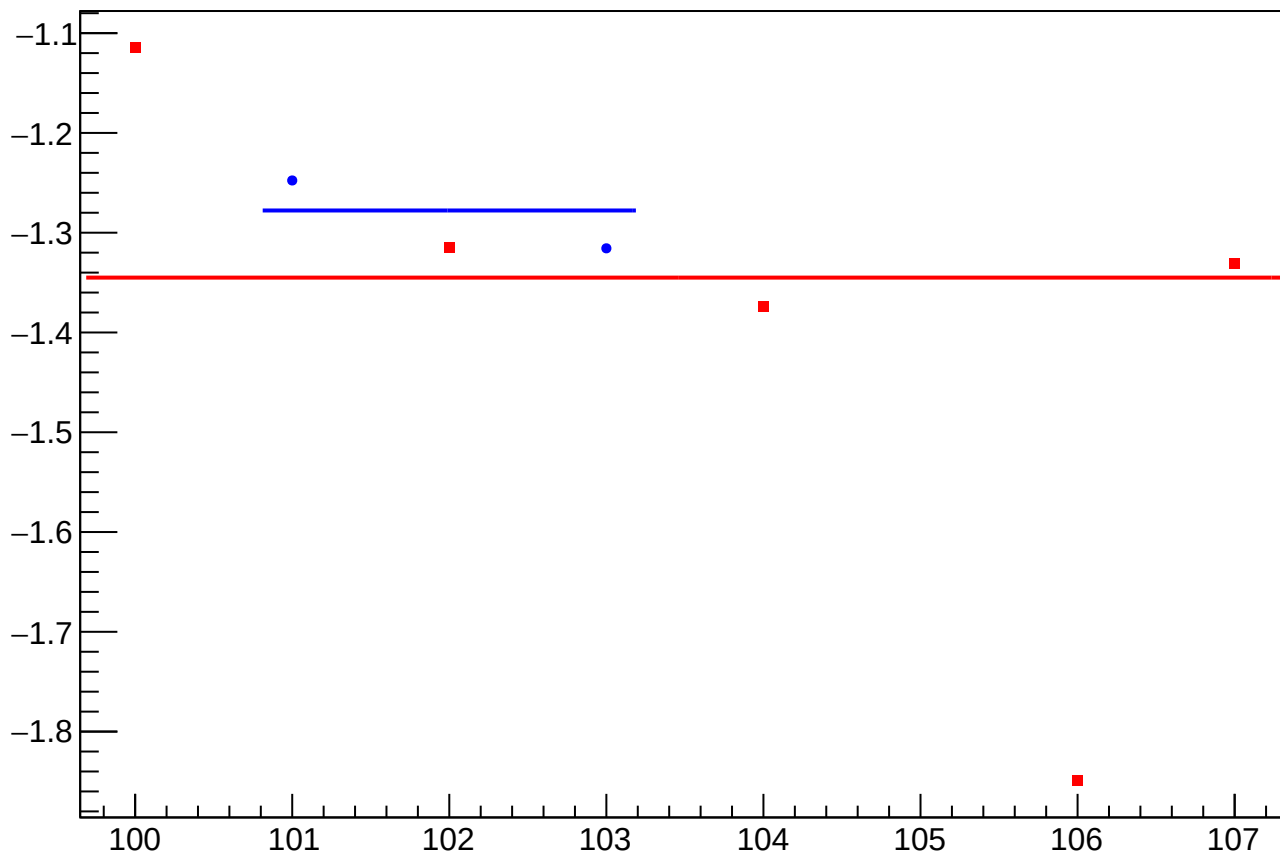
Right: 0.010+/-0.000 χ^2/NDF : 15301.8/6

In: 0.010+/-0.000 χ^2/NDF : 685.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 15301.8/6

yield_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: -1.278+/-0.000 χ^2/NDF : 449694222.2/1

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

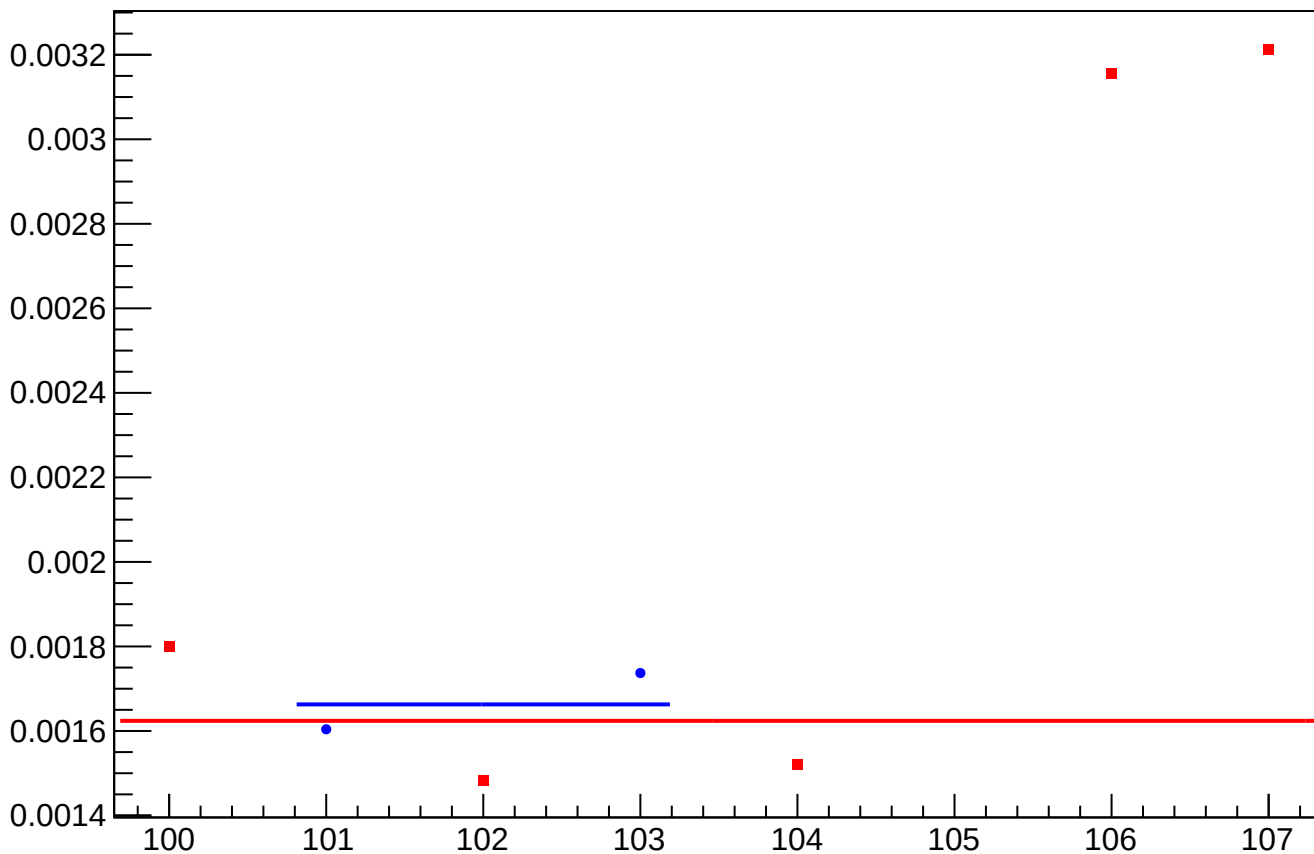
Right: -1.316+/-0.000 χ^2/NDF : 6416900023.1/6

In: -1.278+/-0.000 χ^2/NDF :449694222.2/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.316+/-0.000 χ^2/NDF : 6416900023.1/6

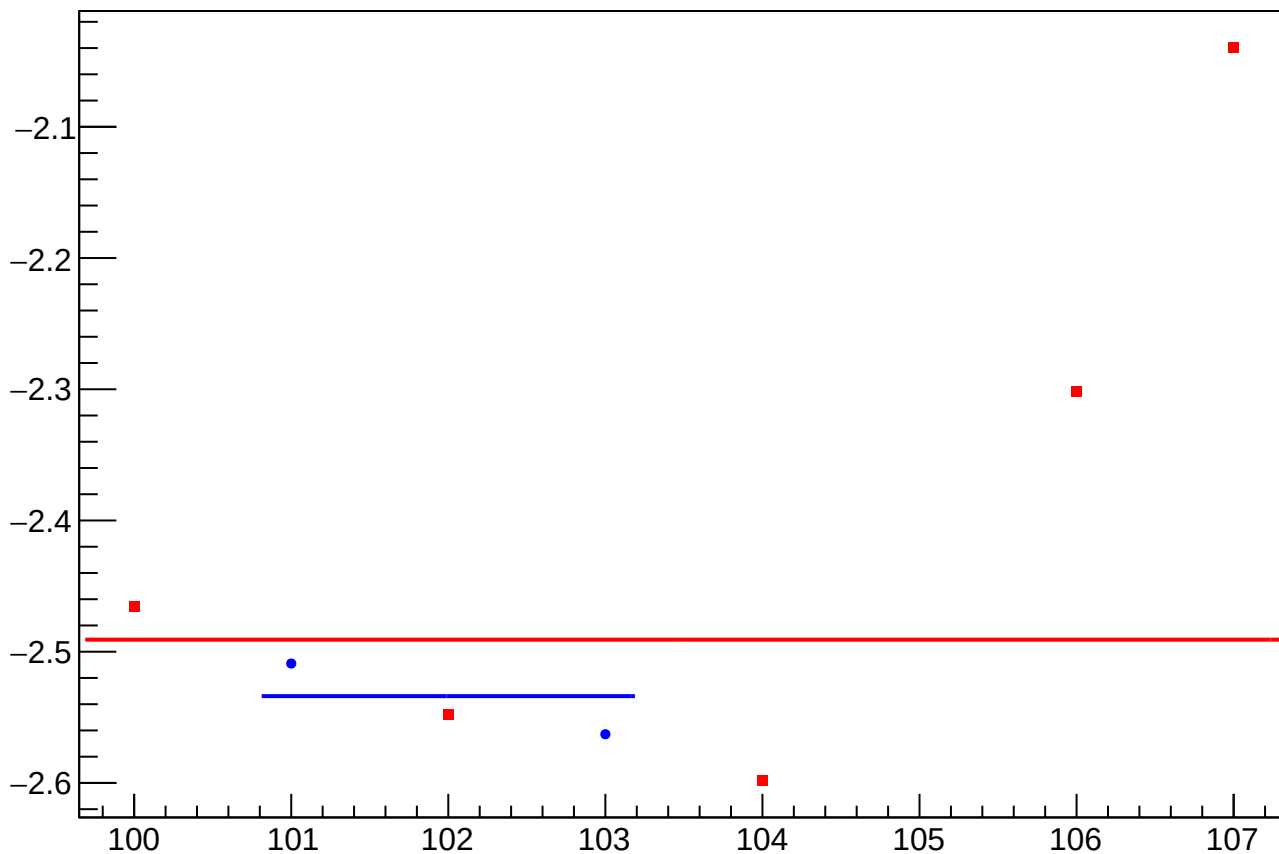
yield_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 3443.0/1
 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 : 191904.6/6
 In: 0.002+/-0.000 χ^2/NDF :3443.0/1
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.002+/-0.000 χ^2/NDF : 191904.6/6

yield_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: -2.534+/-0.000 χ^2/NDF : 27408658.3/1

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

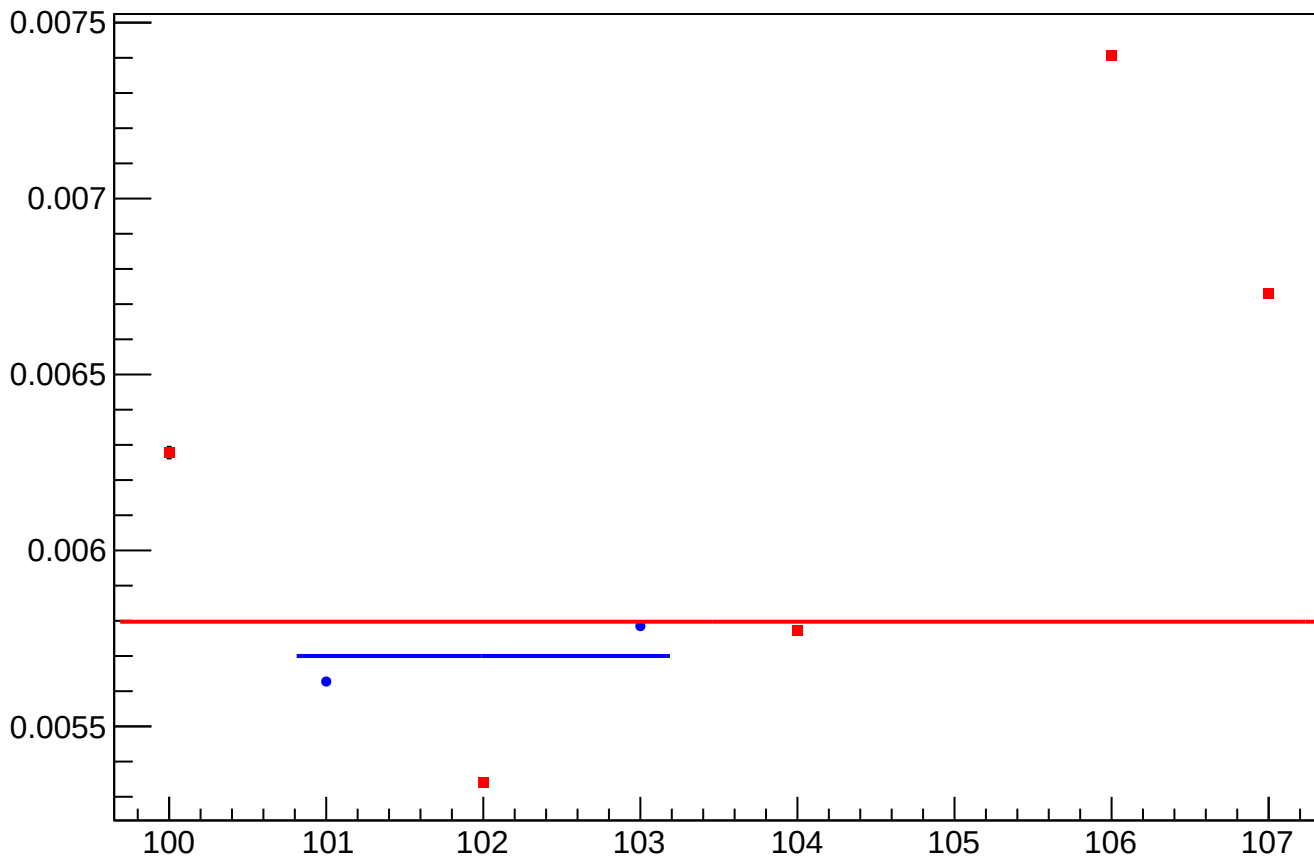
Right: -2.510+/-0.000 χ^2/NDF : 1472440920.5/6

In: -2.534+/-0.000 χ^2/NDF : 27408658.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.510+/-0.000 χ^2/NDF : 1472440920.5/6

yield_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 467.9/1

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

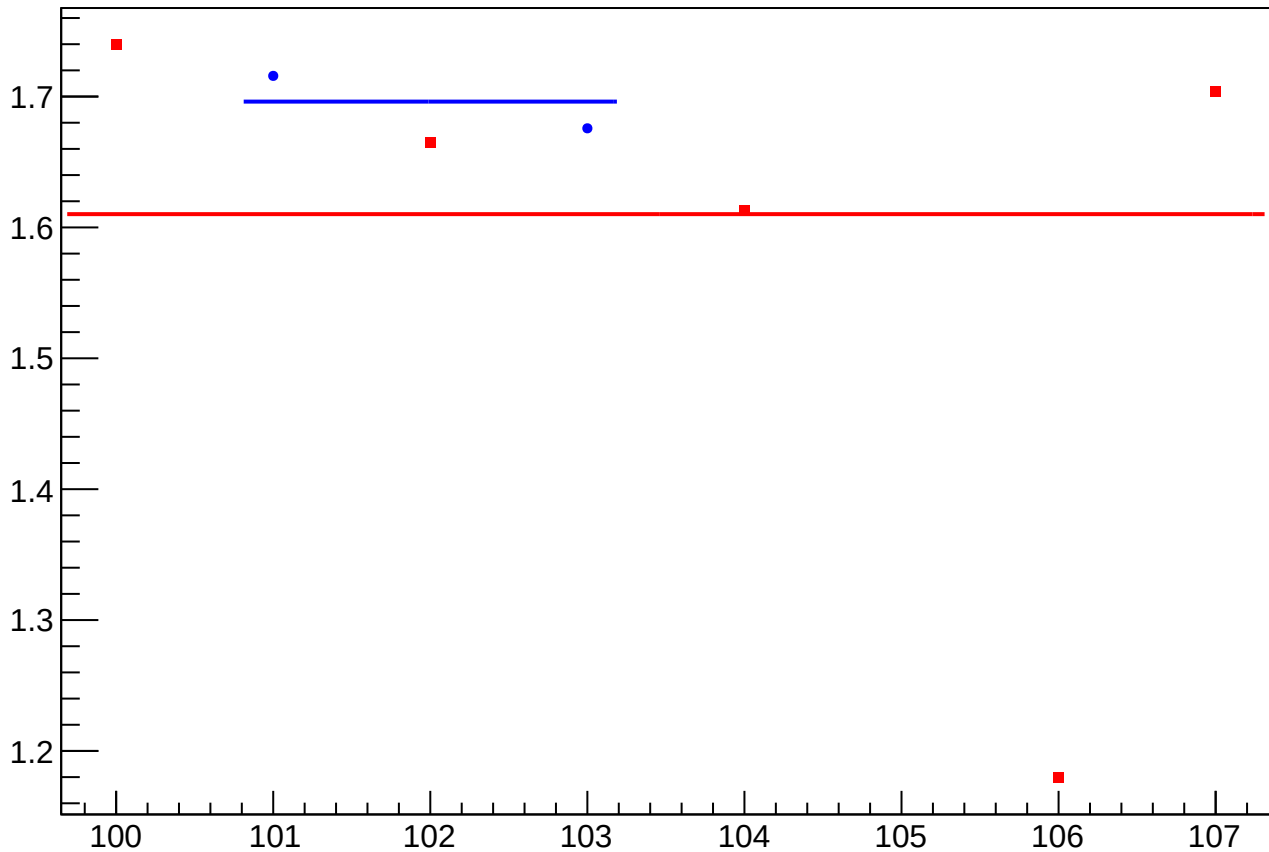
Right: 0.006+/-0.000 χ^2/NDF : 36462.7/6

In: 0.006+/-0.000 χ^2/NDF : 467.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 36462.7/6

yield_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 1.696+/-0.000 χ^2/NDF : 89357298.7/1

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

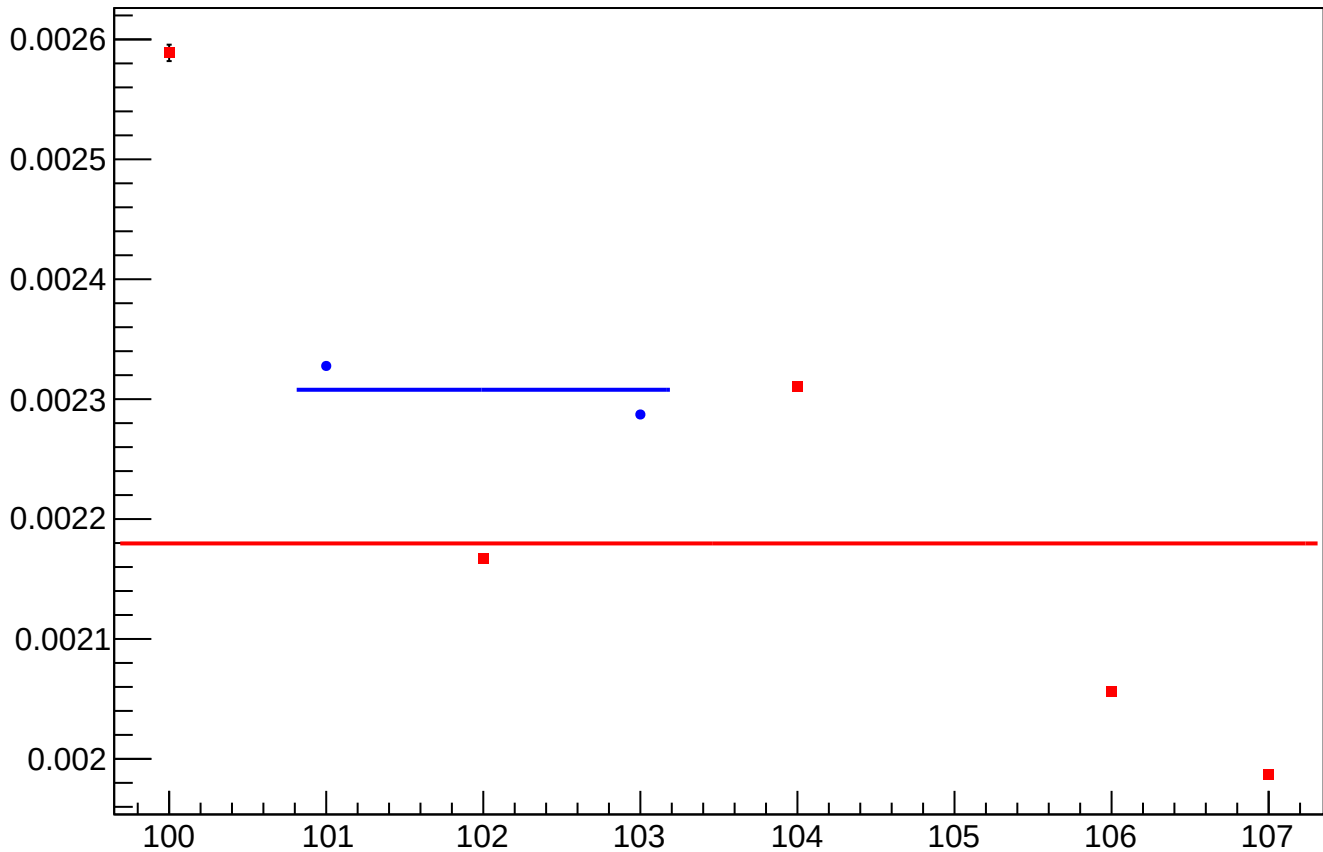
Right: 1.645+/-0.000 χ^2/NDF : 8304267113.9/6

In: 1.696+/-0.000 χ^2/NDF : 89357298.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.645+/-0.000 χ^2/NDF : 8304267113.9/6

yield_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 182.5/1

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

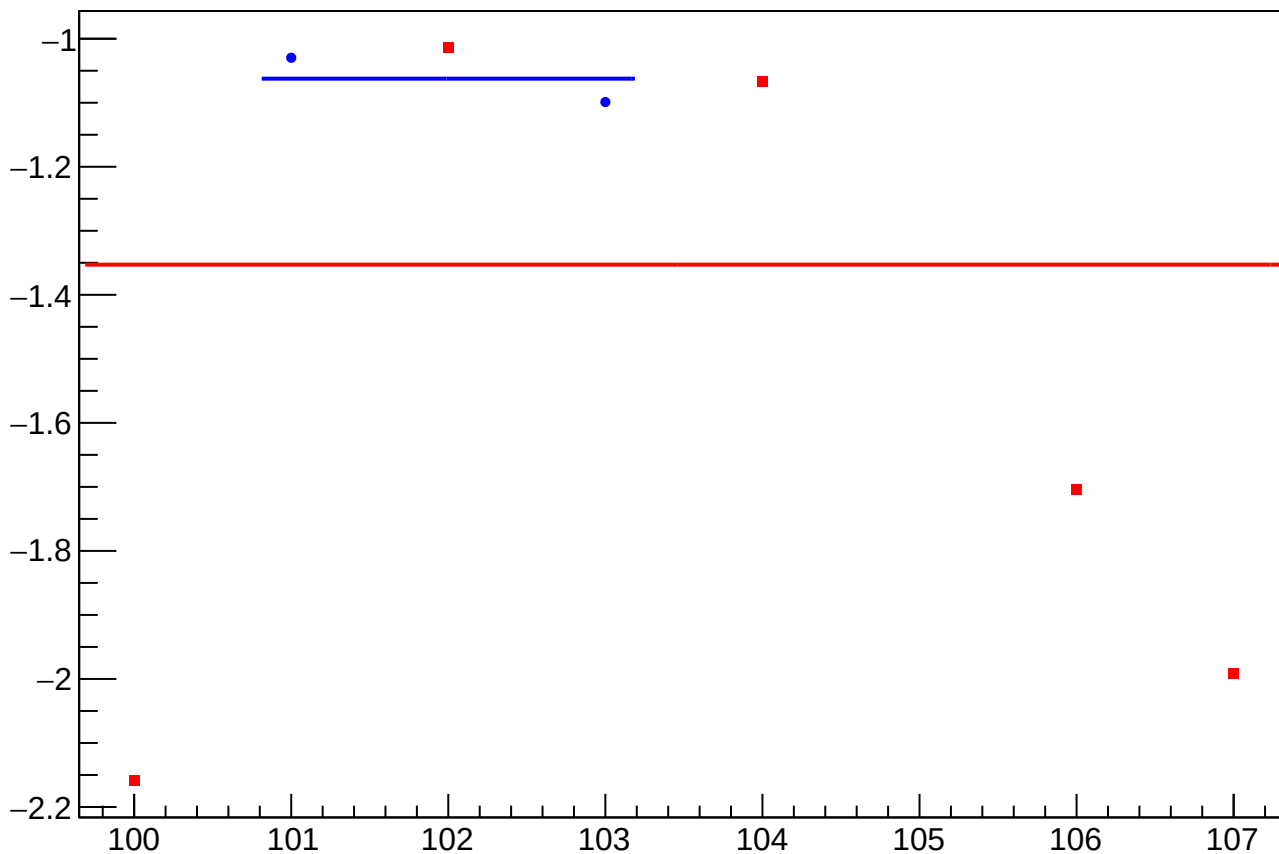
Right: 0.002+/-0.000 χ^2/NDF : 16531.0/6

In: 0.002+/-0.000 χ^2/NDF : 182.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 16531.0/6

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.062+/-0.000 χ^2/NDF : 27843433.4/1

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

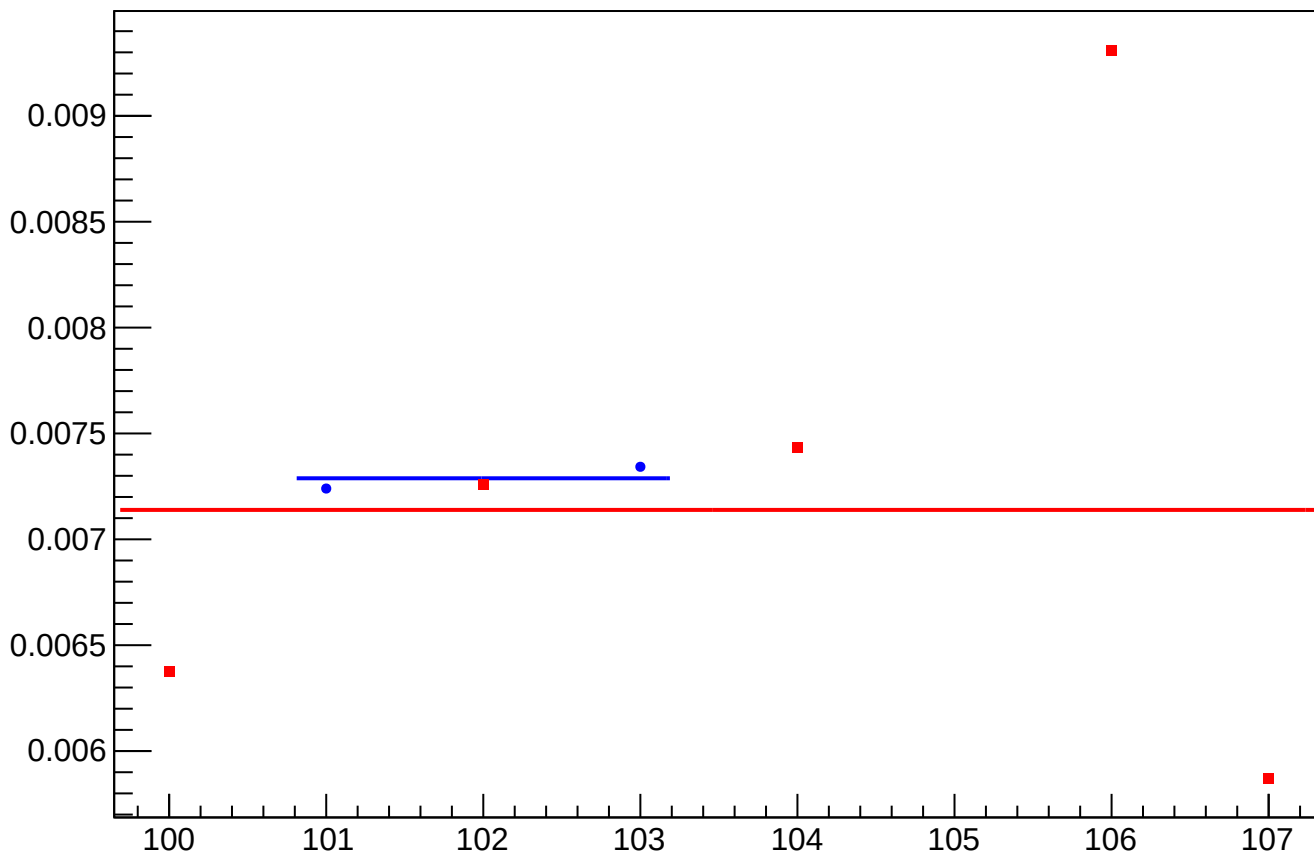
Right: -1.232+/-0.000 χ^2/NDF : 7638071660.2/6

In: -1.062+/-0.000 χ^2/NDF : 27843433.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.232+/-0.000 χ^2/NDF : 7638071660.2/6

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 123.0/1

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

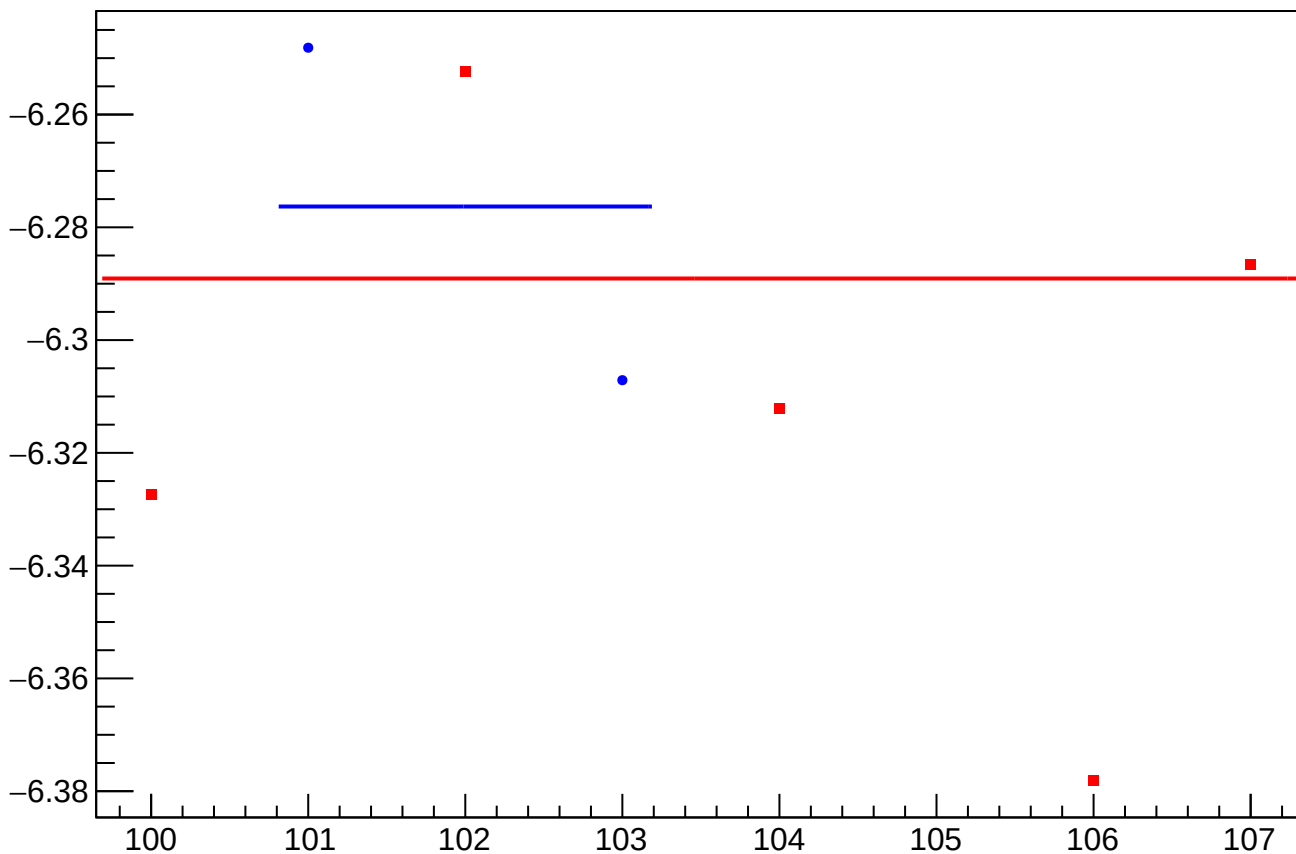
Right: 0.007+/-0.000 χ^2/NDF : 52745.3/6

In: 0.007+/-0.000 χ^2/NDF : 123.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 52745.3/6

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -6.276+/-0.000 χ^2/NDF : 37727342.1/1

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

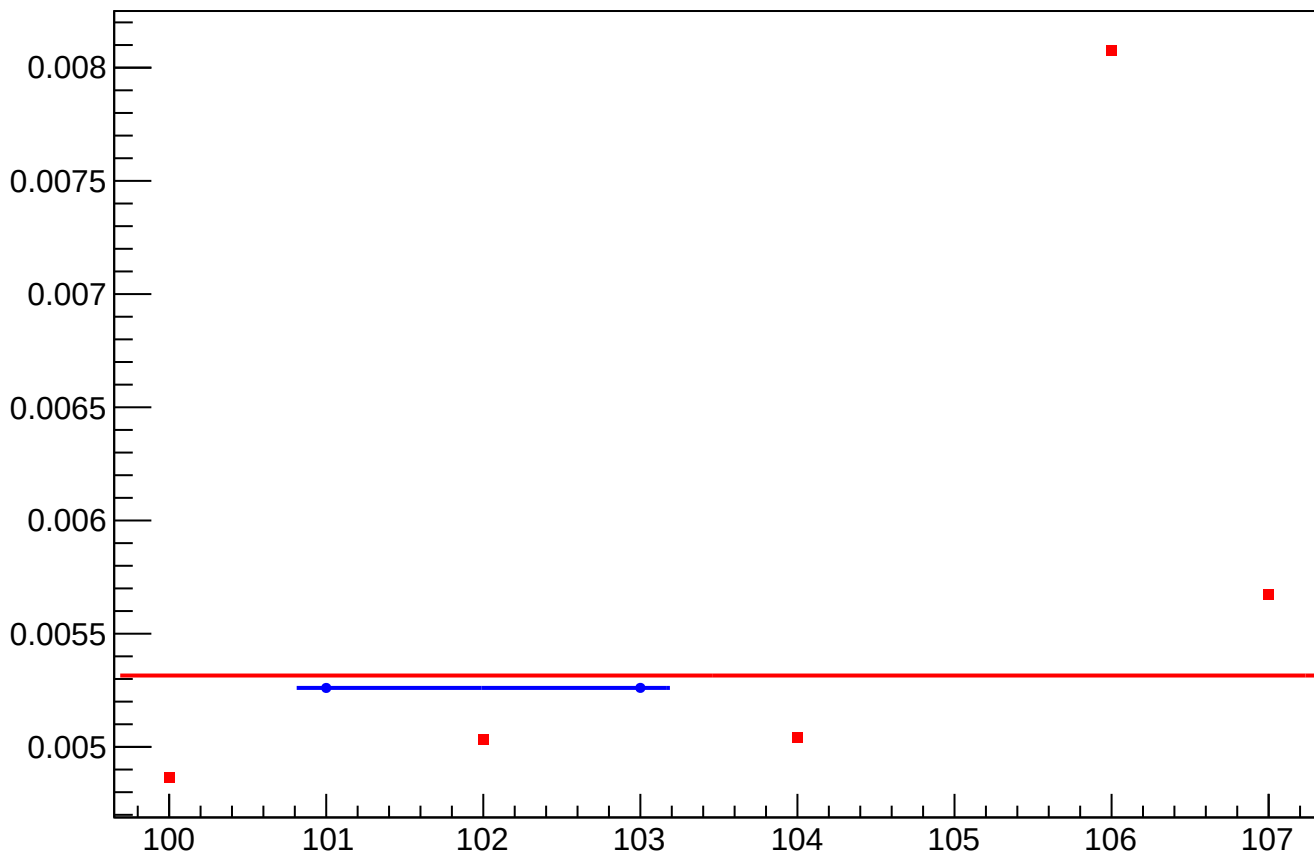
Right: -6.284+/-0.000 χ^2/NDF : 121885770.5/6

In: -6.276+/-0.000 χ^2/NDF : 37727342.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.284+/-0.000 χ^2/NDF : 121885770.5/6

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 0.0/1

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

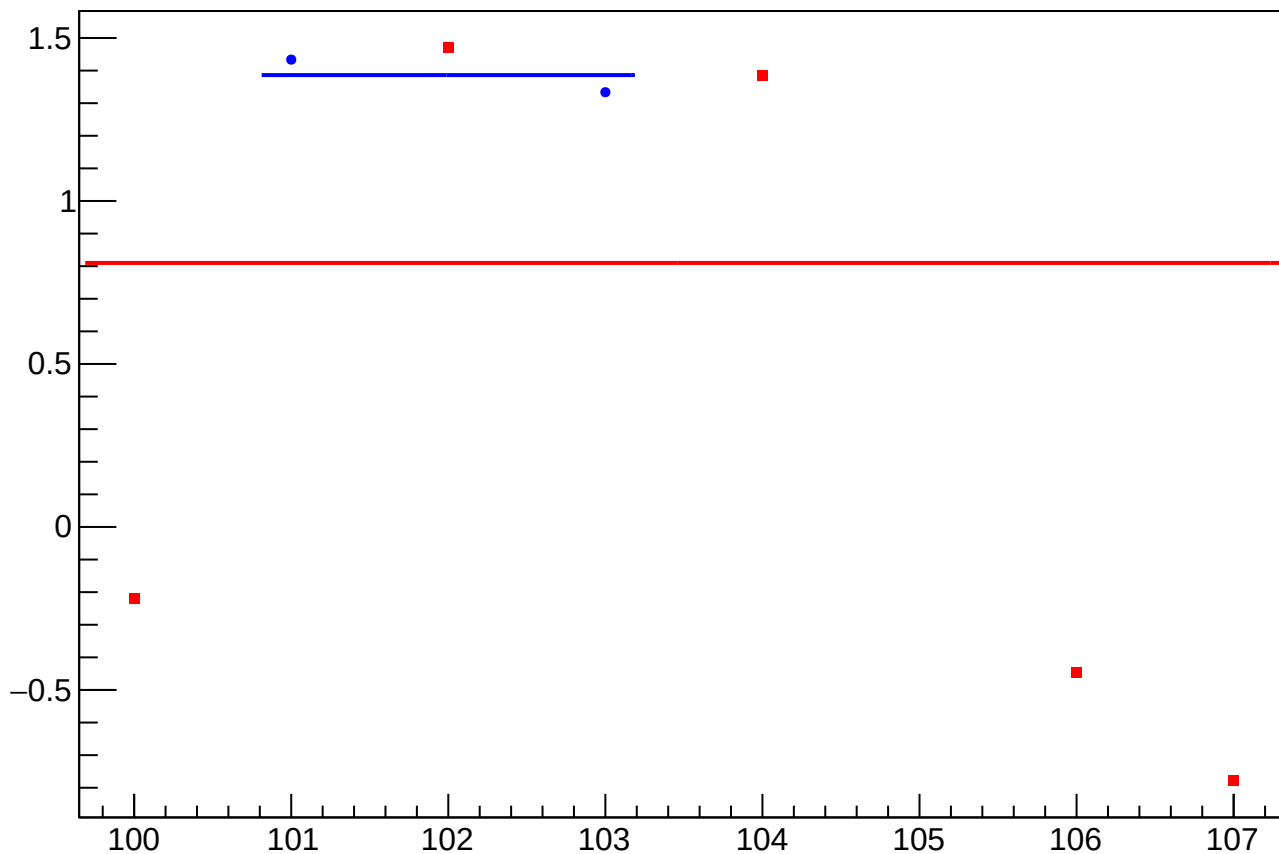
Right: 0.005+/-0.000 χ^2/NDF : 71931.7/6

In: 0.005+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 71931.7/6

yield_bpm0l02X_mean vs Slug, Sign Corrected



Right In: 1.386 ± 0.000 χ^2/NDF : 14233406.7/1

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

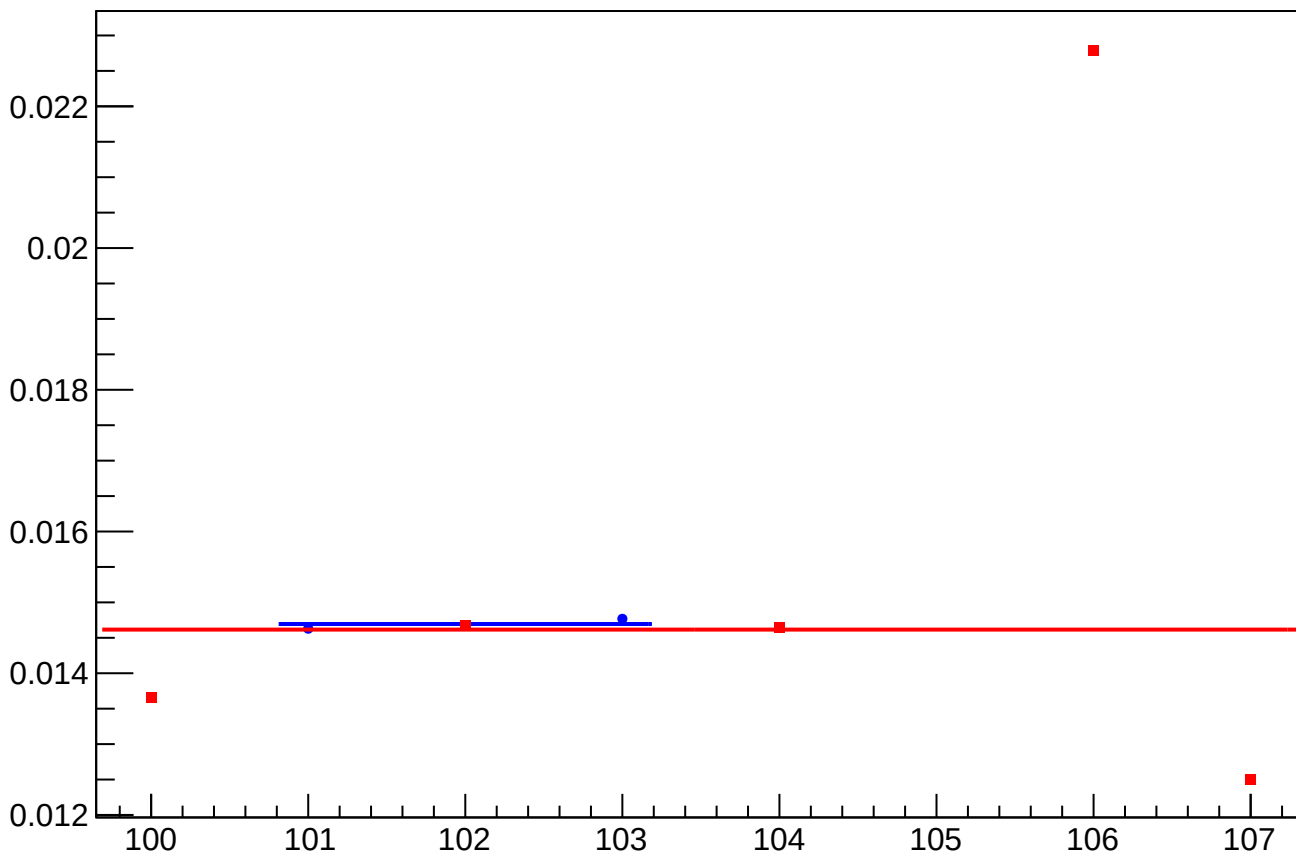
Right: 1.055 ± 0.000 χ^2/NDF : 8149230356.2/6

In: 1.386 ± 0.000 χ^2/NDF : 14233406.7/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.055 ± 0.000 χ^2/NDF : 8149230356.2/6

yield_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 54.8/1

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

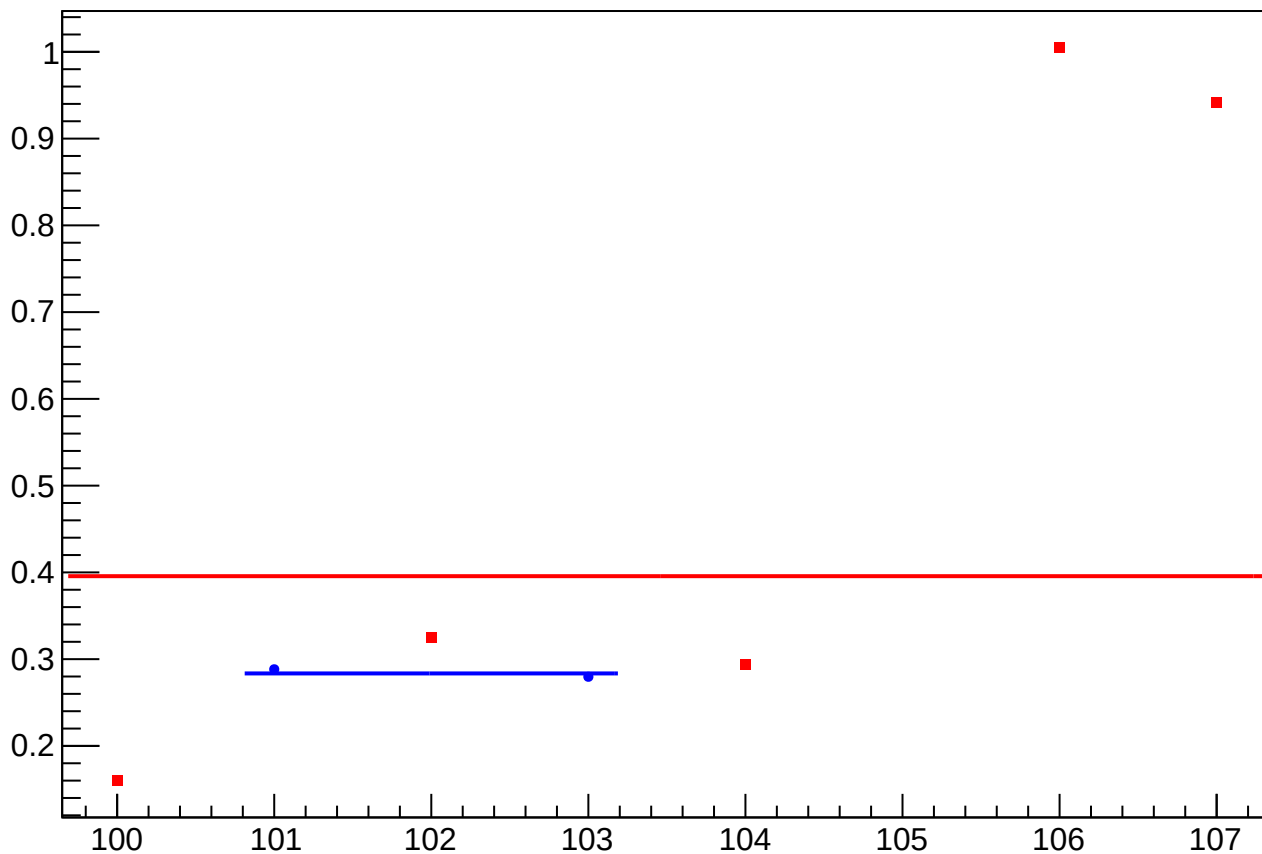
Right: 0.015+/-0.000 χ^2/NDF : 70033.5/6

In: 0.015+/-0.000 χ^2/NDF : 54.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 70033.5/6

yield_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 0.284+/-0.000 χ^2/NDF : 489930.3/1

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

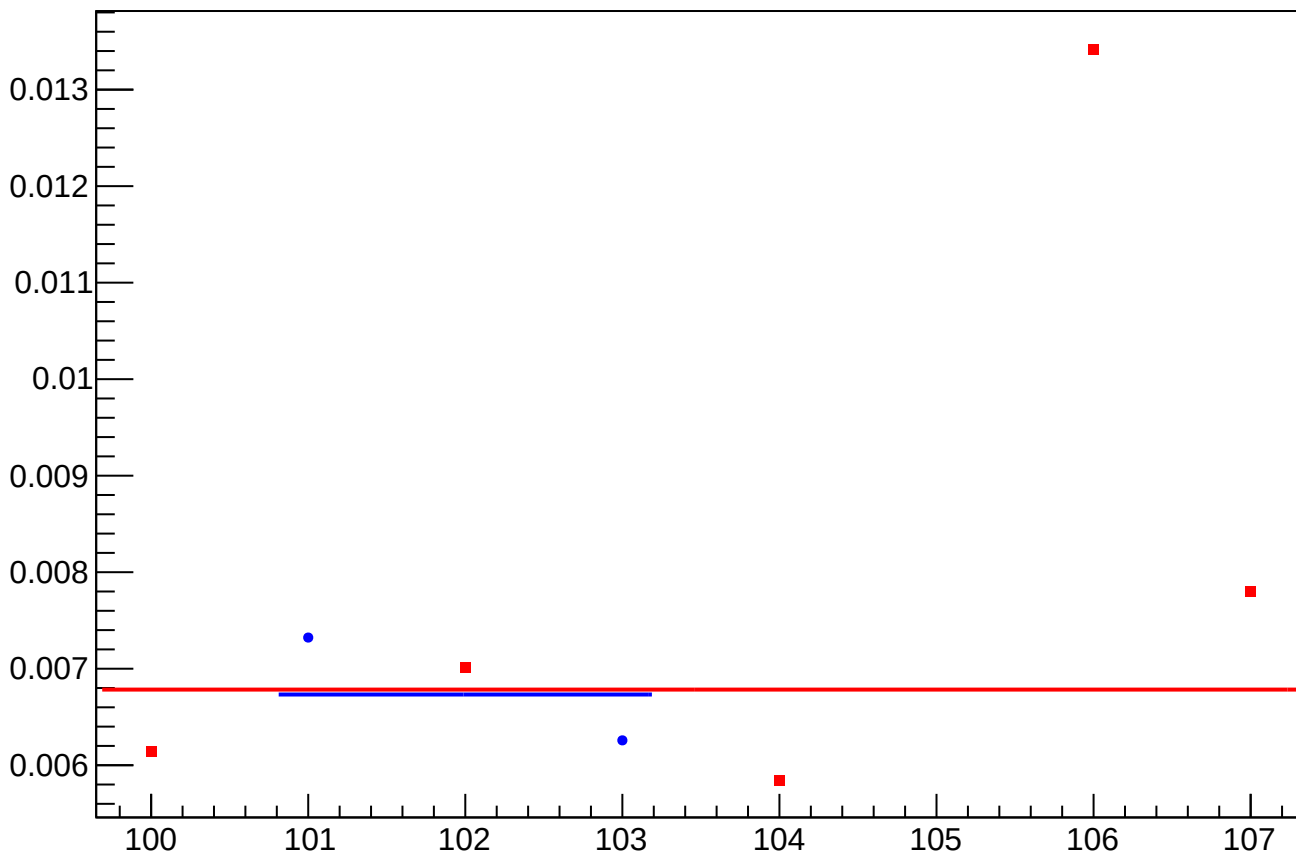
Right: 0.346+/-0.000 χ^2/NDF : 2077104025.0/6

In: 0.284+/-0.000 χ^2/NDF : 489930.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.346+/-0.000 χ^2/NDF : 2077104025.0/6

yield_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 14936.0/1

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

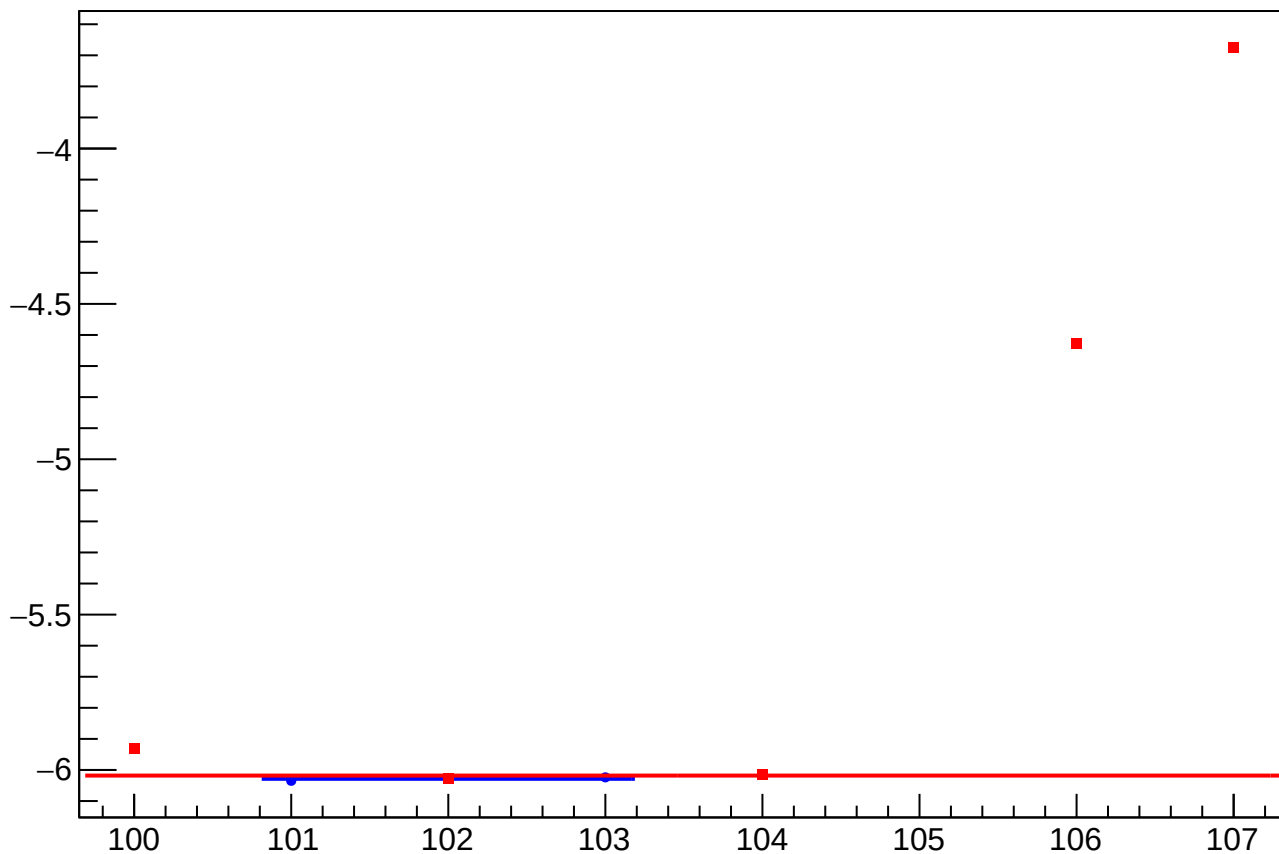
Right: 0.007+/-0.000 χ^2/NDF : 153807.7/6

In: 0.007+/-0.000 χ^2/NDF : 14936.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 153807.7/6

yield_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -6.028+/-0.000 χ^2/NDF : 1520136.4/1

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

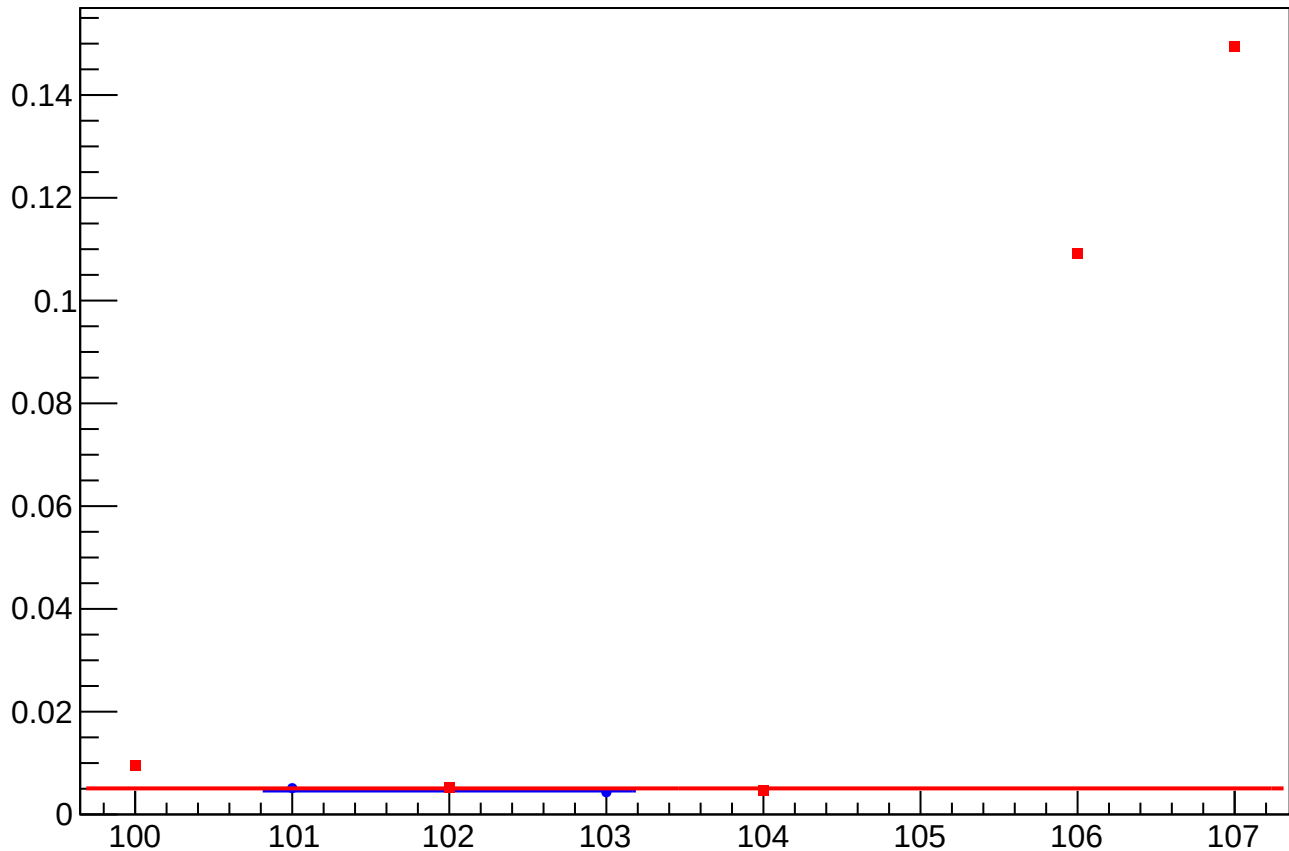
Right: -6.024+/-0.000 χ^2/NDF : 110003327.0/6

In: -6.028+/-0.000 χ^2/NDF : 1520136.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.024+/-0.000 χ^2/NDF : 110003327.0/6

yield_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 15960.4/1

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

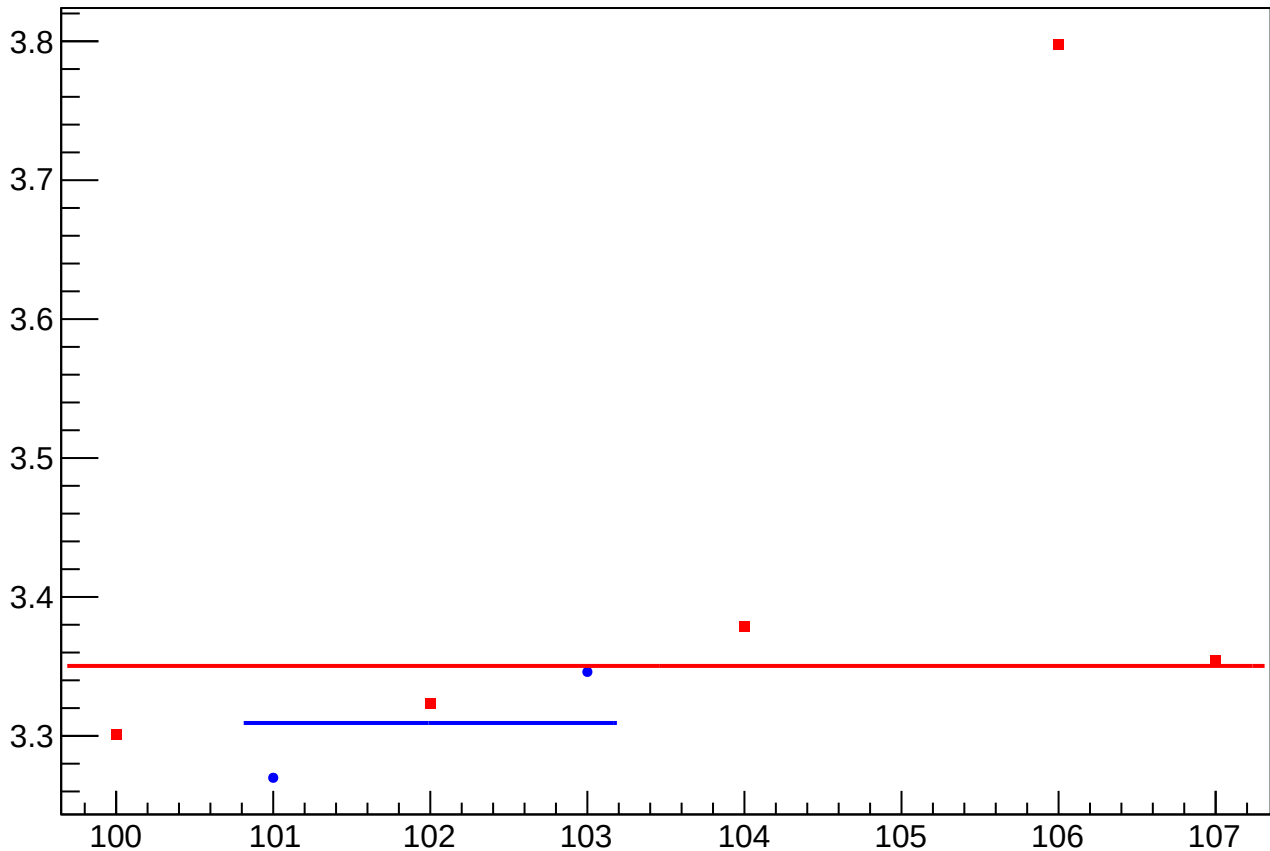
Right: 0.005+/-0.000 χ^2/NDF : 981269.0/6

In: 0.005+/-0.000 χ^2/NDF : 15960.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 981269.0/6

yield_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: 3.309+/-0.000 χ^2/NDF : 43539187.2/1

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

Right Out: 3.350+/-0.000 χ^2/NDF : 27142316.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

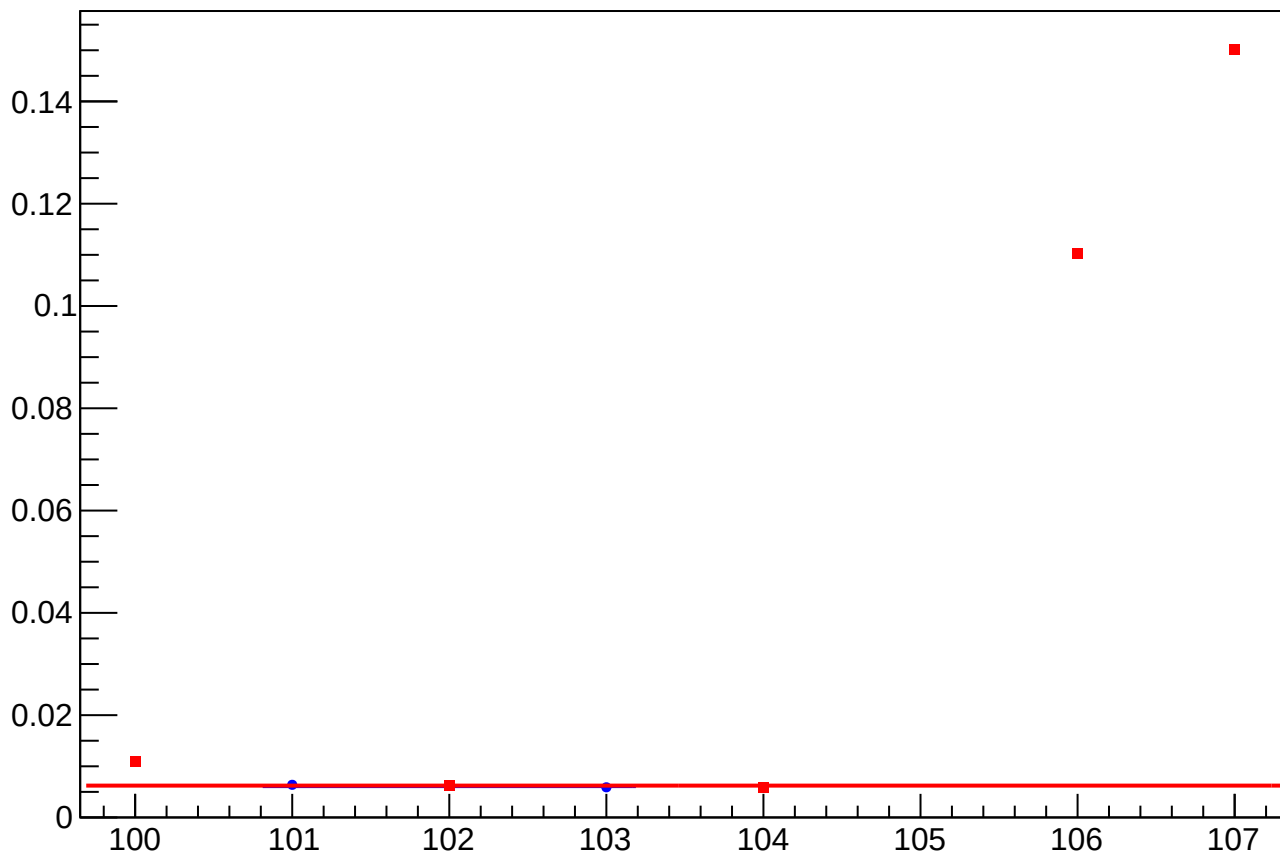
Right: 3.329+/-0.000 χ^2/NDF : 95237817.5/6

In: 3.309+/-0.000 χ^2/NDF : 43539187.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.329+/-0.000 χ^2/NDF : 95237817.5/6

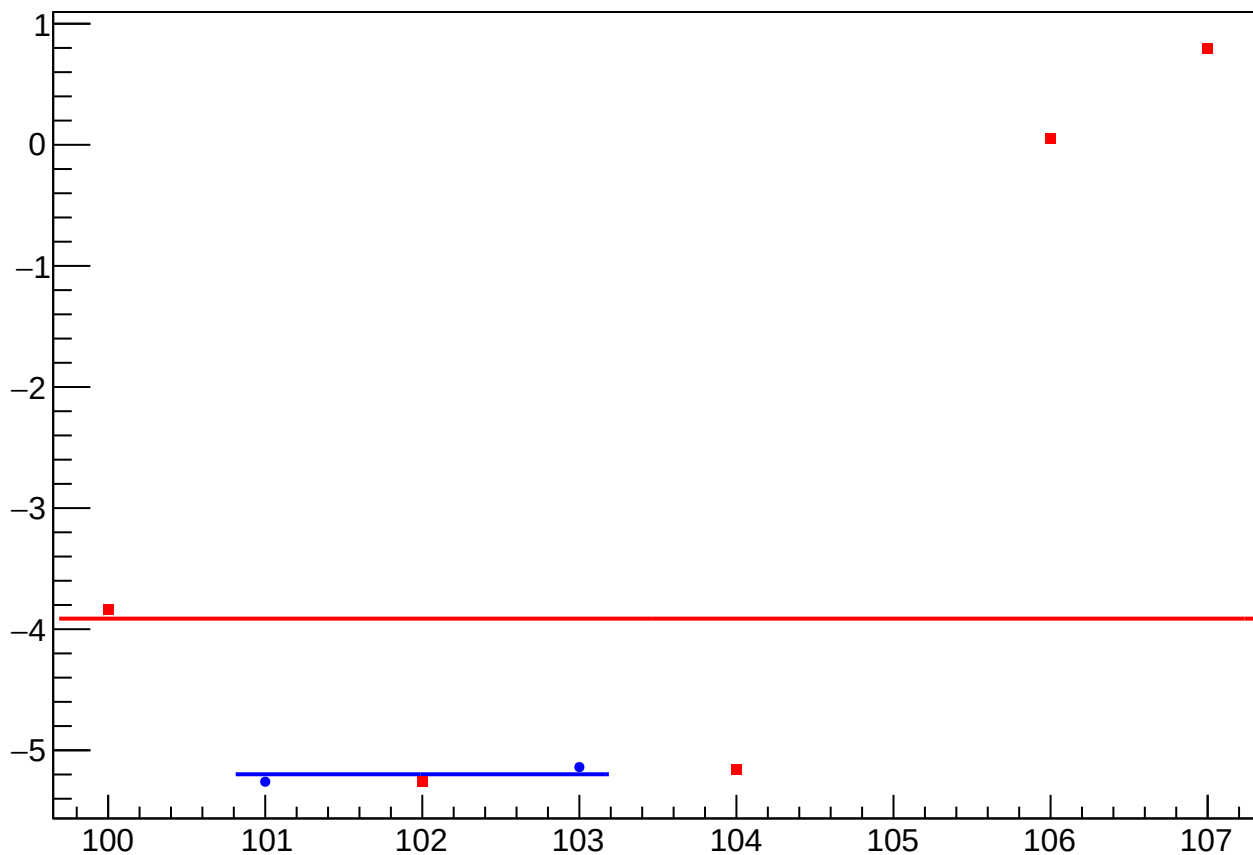
yield_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 3546.5/1
 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 : 936814.9/6
 In: 0.006+/-0.000 χ^2/NDF : 3546.5/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.006+/-0.000 χ^2/NDF : 936814.9/6

yield_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -5.198+/-0.000 χ^2/NDF : 30980621.0/1

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

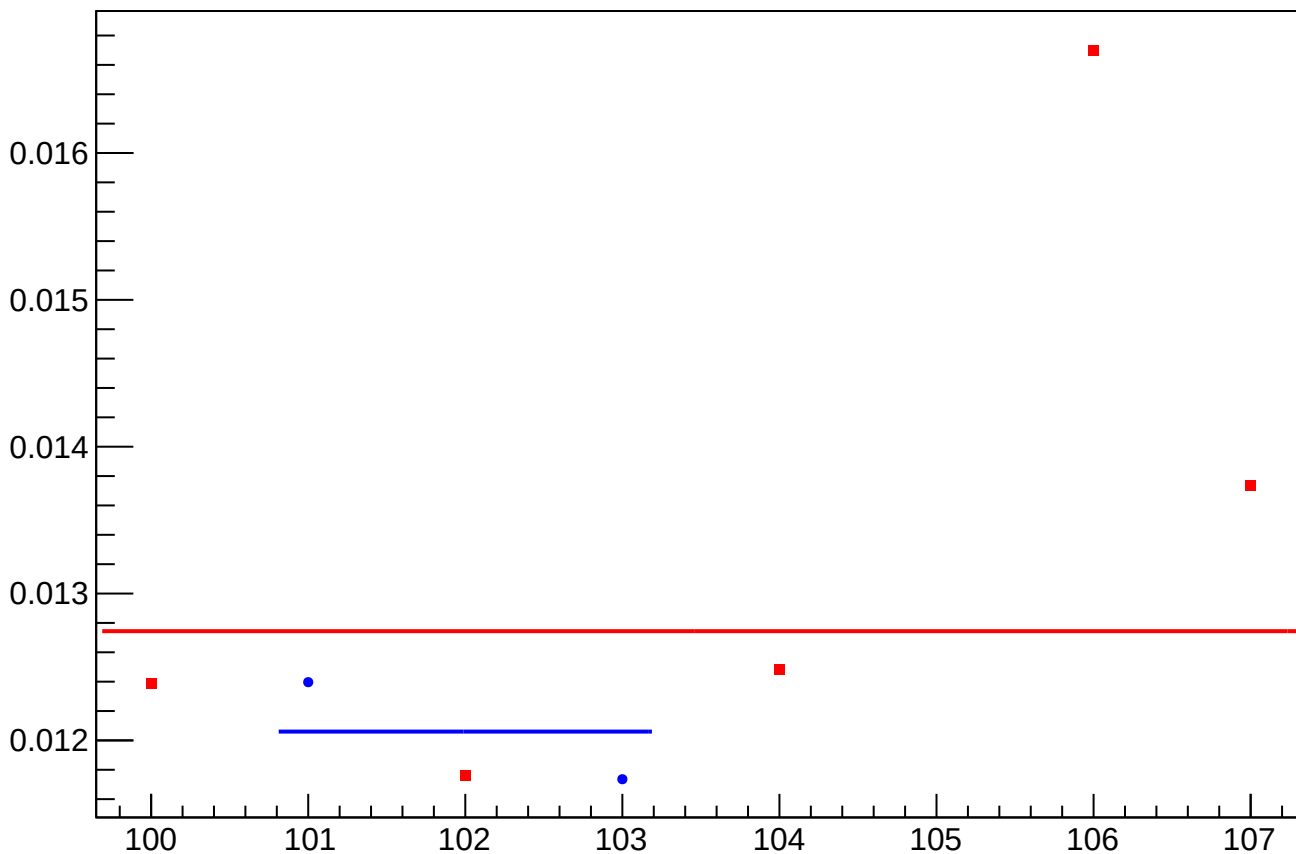
Right: -4.481+/-0.000 χ^2/NDF : 66625045494.2/6

In: -5.198+/-0.000 χ^2/NDF : 30980621.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.481+/-0.000 χ^2/NDF : 66625045494.2/6

yield_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 1856.6/1

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

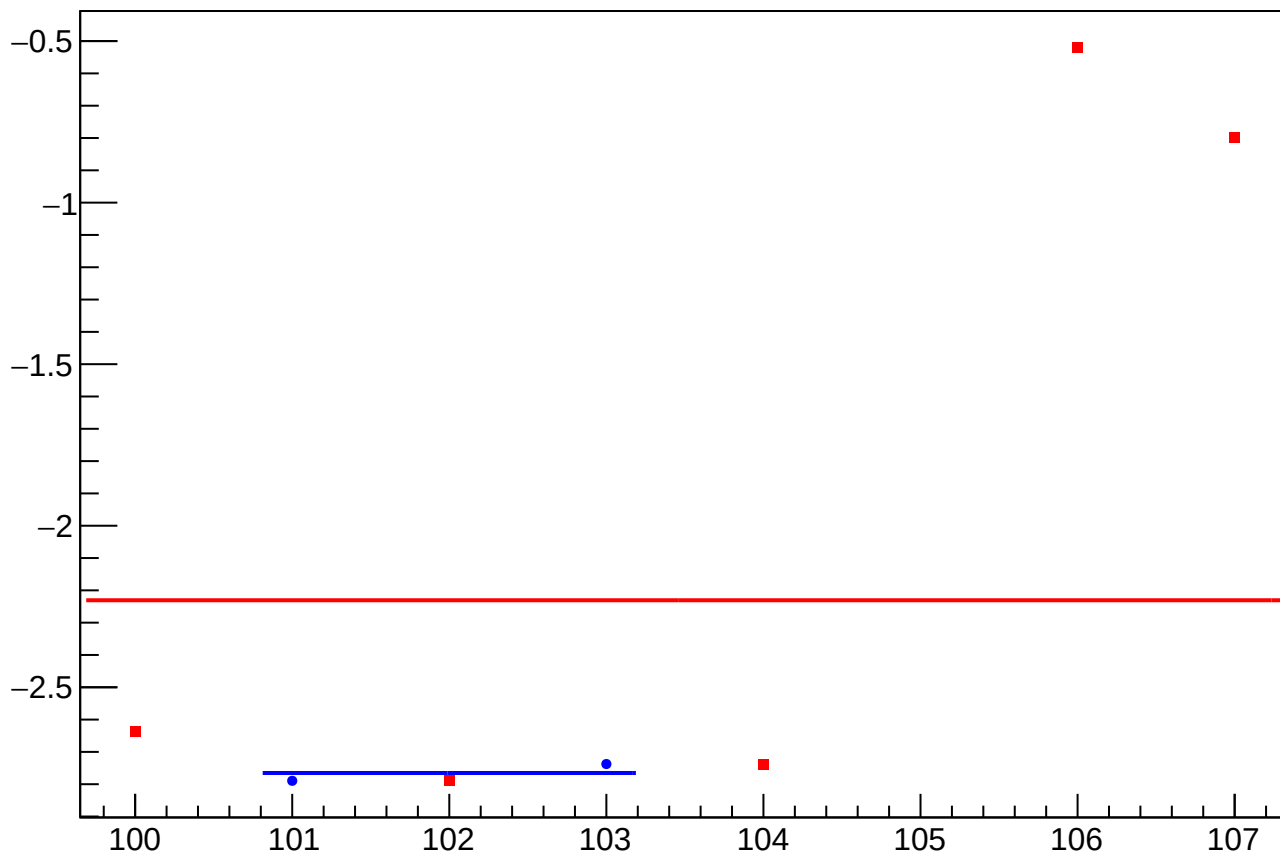
Right: 0.012+/-0.000 χ^2/NDF : 52579.1/6

In: 0.012+/-0.000 χ^2/NDF : 1856.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 52579.1/6

yield_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -2.765+/-0.000 χ^2/NDF : 53952343.1/1

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

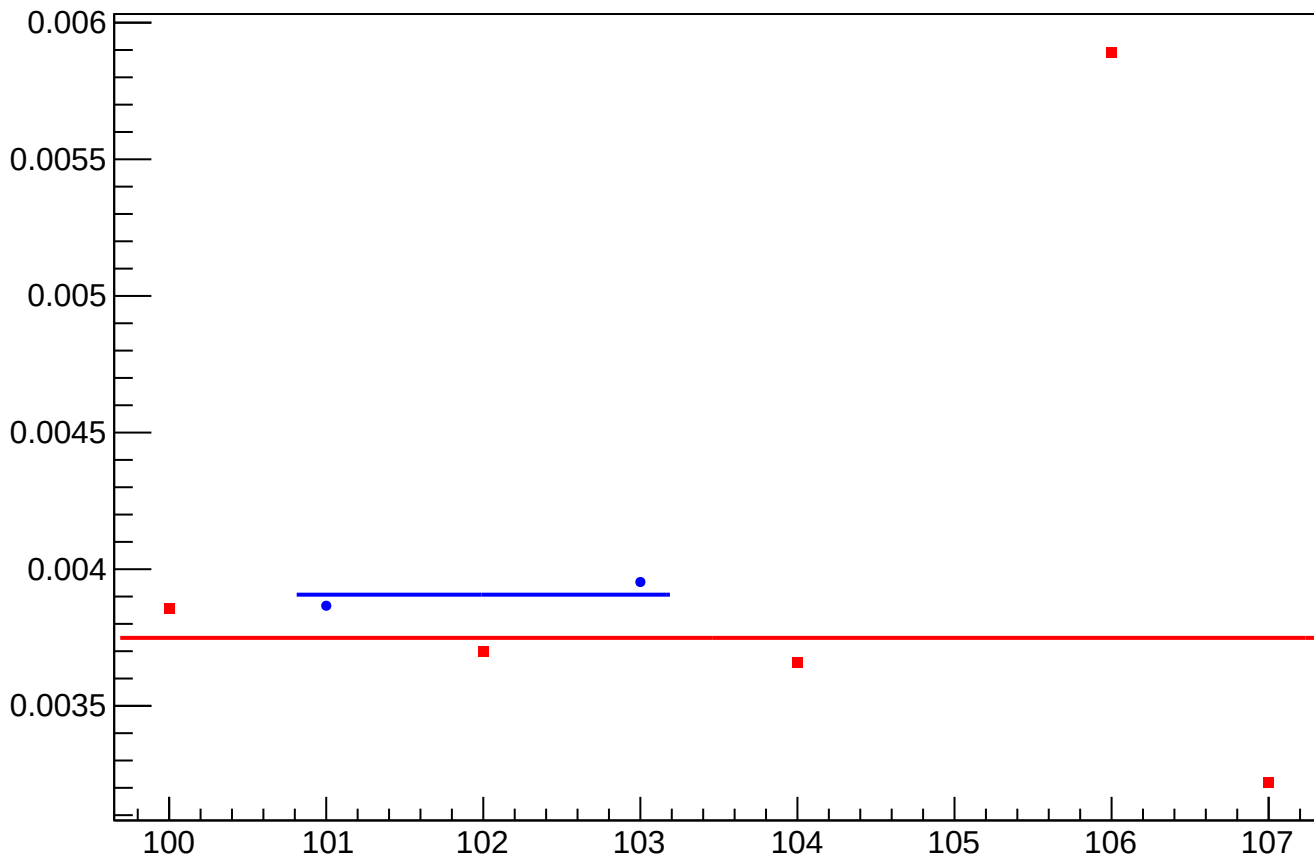
Right: -2.445+/-0.000 χ^2/NDF : 110327307747.2/6

In: -2.765+/-0.000 χ^2/NDF : 53952343.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.445+/-0.000 χ^2/NDF : 110327307747.2/6

yield_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 301.8/1

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

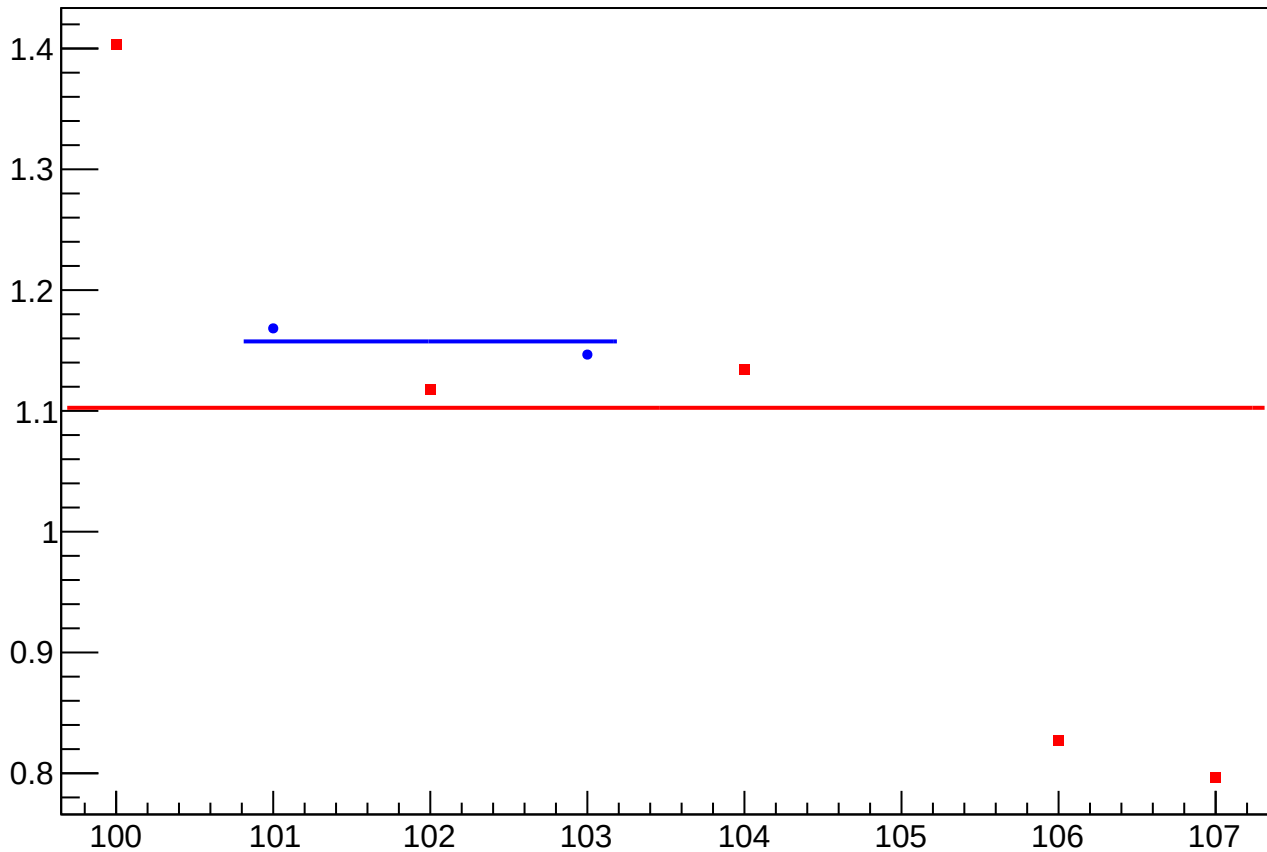
Right: 0.004+/-0.000 χ^2/NDF : 91566.9/6

In: 0.004+/-0.000 χ^2/NDF : 301.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 91566.9/6

yield_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 1.158+/-0.000 χ^2/NDF : 8327711.1/1

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

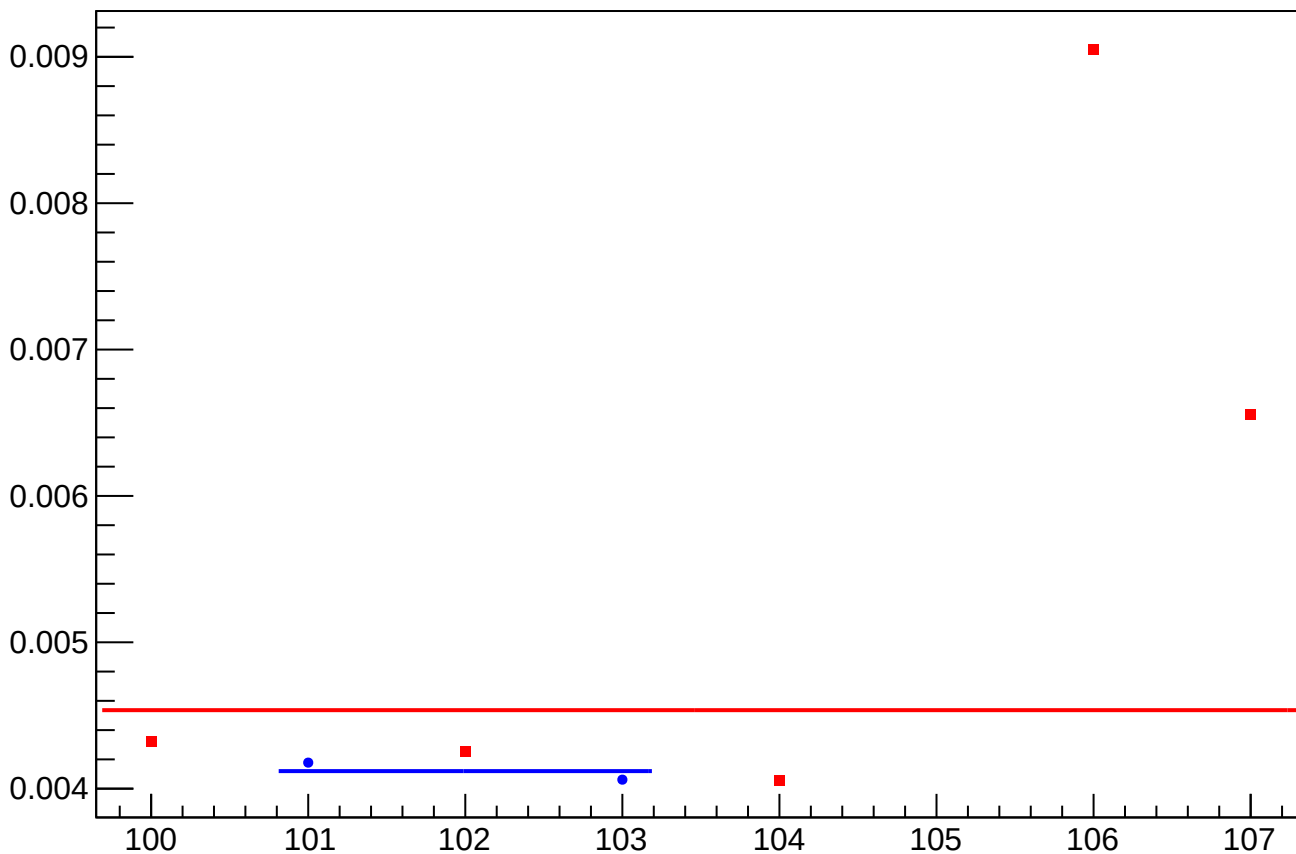
Right: 1.129+/-0.000 χ^2/NDF : 1227216580.4/6

In: 1.158+/-0.000 χ^2/NDF : 8327711.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.129+/-0.000 χ^2/NDF : 1227216580.4/6

yield_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 478.7/1

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

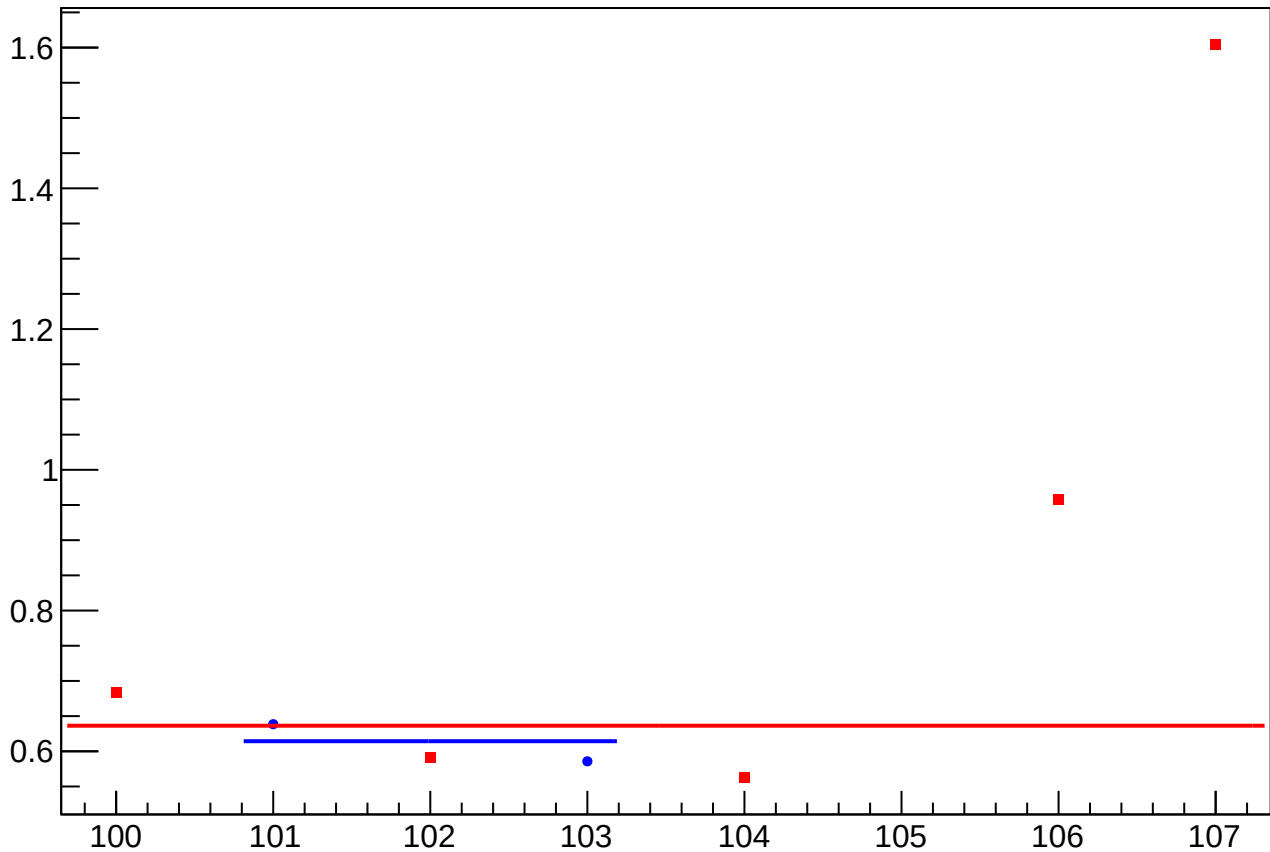
Right: 0.004+/-0.000 χ^2/NDF : 199636.4/6

In: 0.004+/-0.000 χ^2/NDF : 478.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 199636.4/6

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 0.614+/-0.000 χ^2/NDF : 60726545.6/1

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

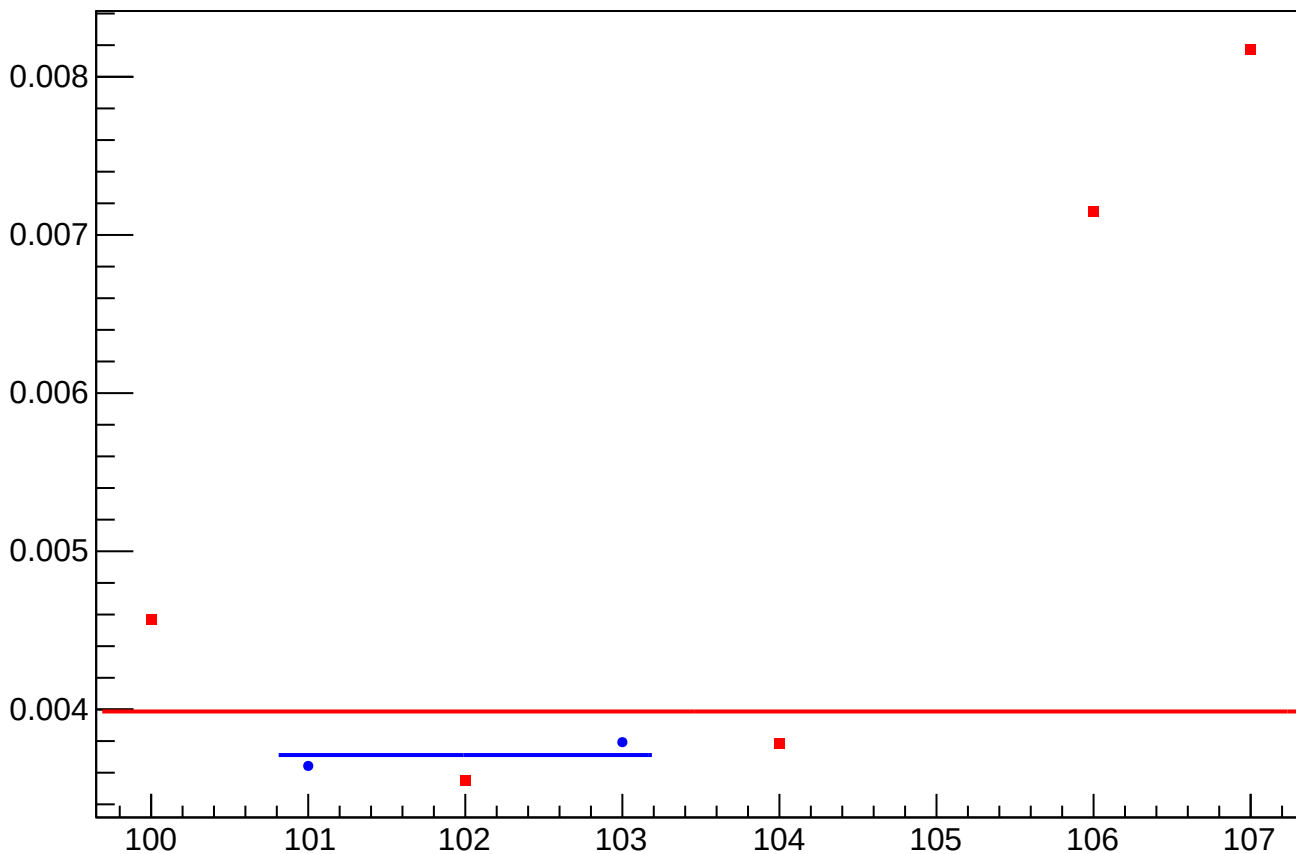
Right: 0.626+/-0.000 χ^2/NDF : 4066169432.8/6

In: 0.614+/-0.000 χ^2/NDF : 60726545.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.626+/-0.000 χ^2/NDF : 4066169432.8/6

yield_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 981.9/1

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

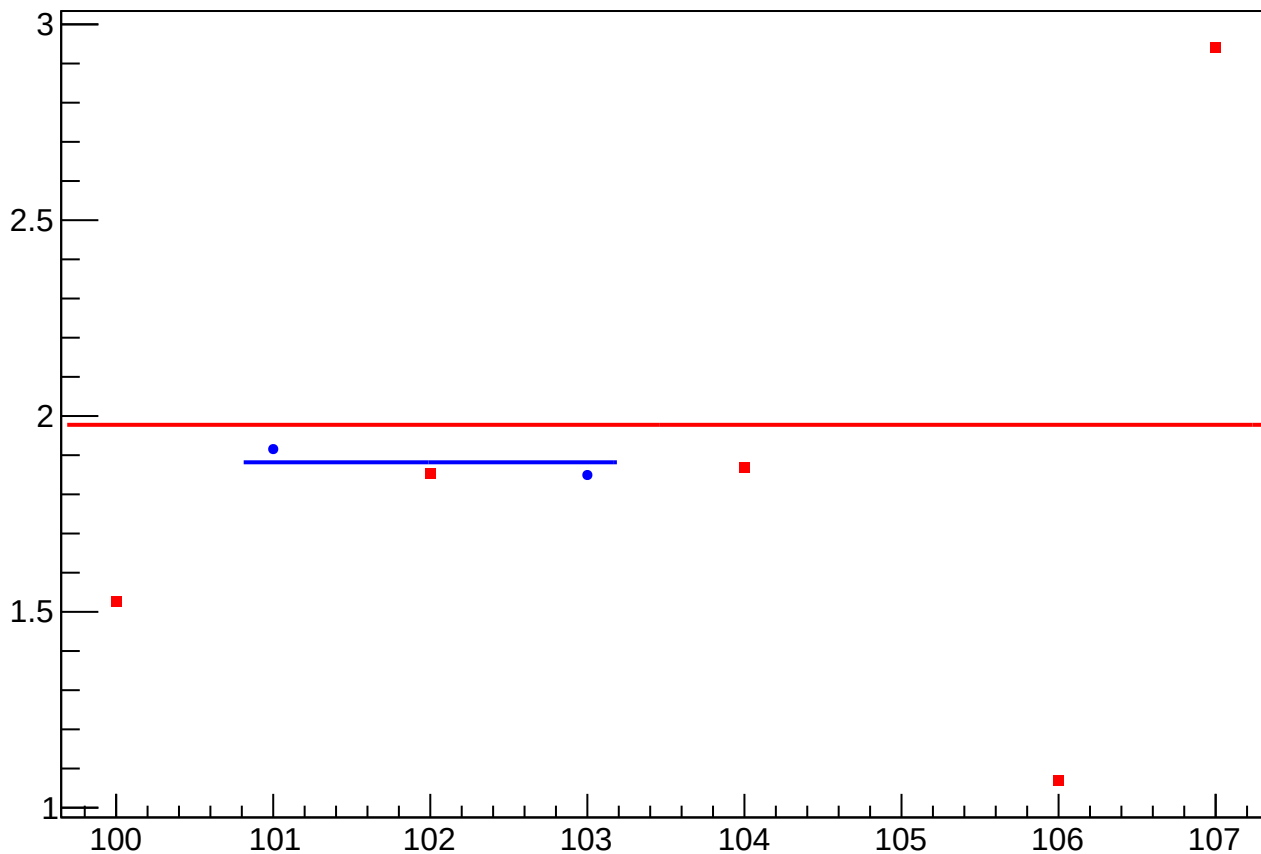
Right: 0.004+/-0.000 χ^2/NDF : 229569.5/6

In: 0.004+/-0.000 χ^2/NDF : 981.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 229569.5/6

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 1.882+/-0.000 χ^2/NDF : 22459640.0/1

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

Right Out: 1.978+/-0.000 χ^2/NDF : 10602992472.8/4

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

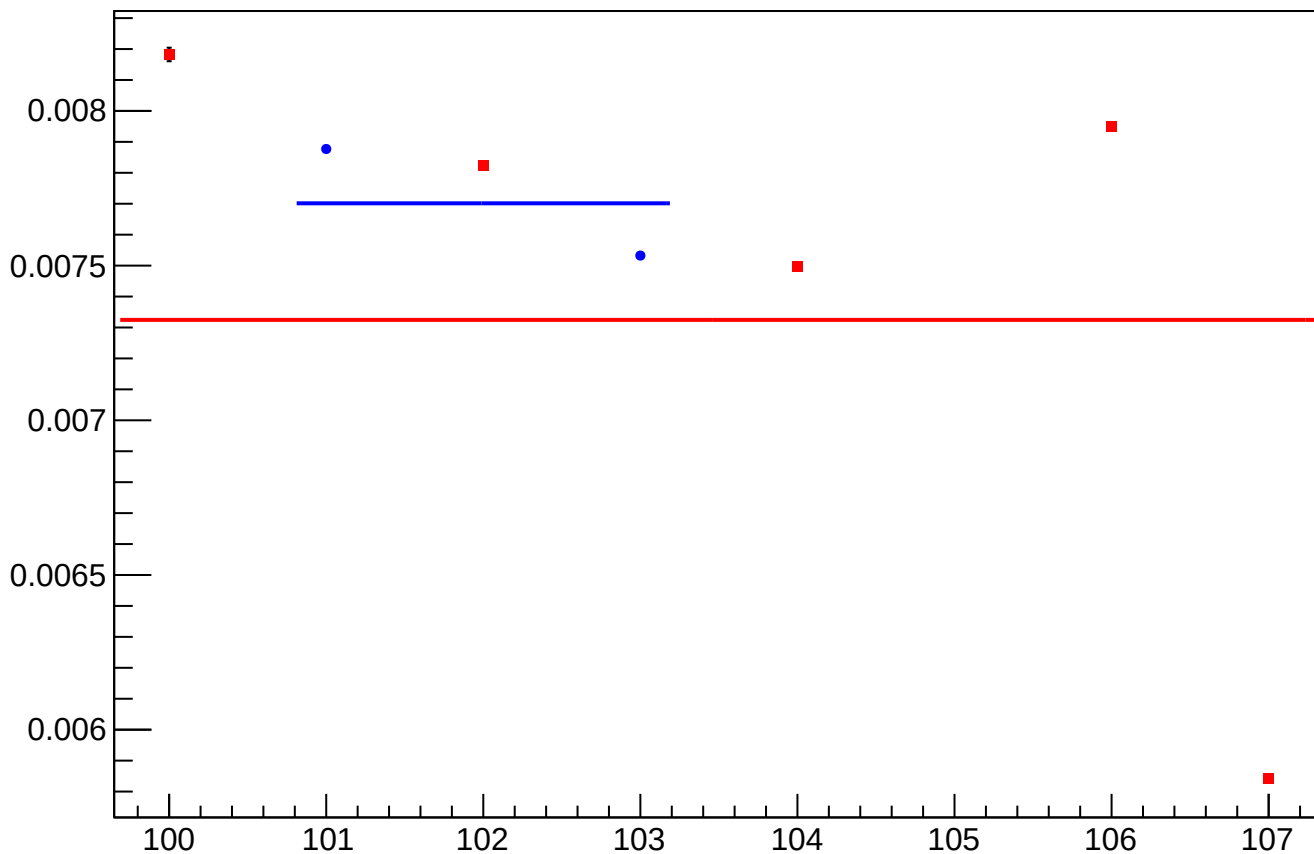
Right: 1.940+/-0.000 χ^2/NDF : 10739466736.3/6

In: 1.882+/-0.000 χ^2/NDF : 22459640.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.940+/-0.000 χ^2/NDF : 10739466736.3/6

yield_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 1216.8/1

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

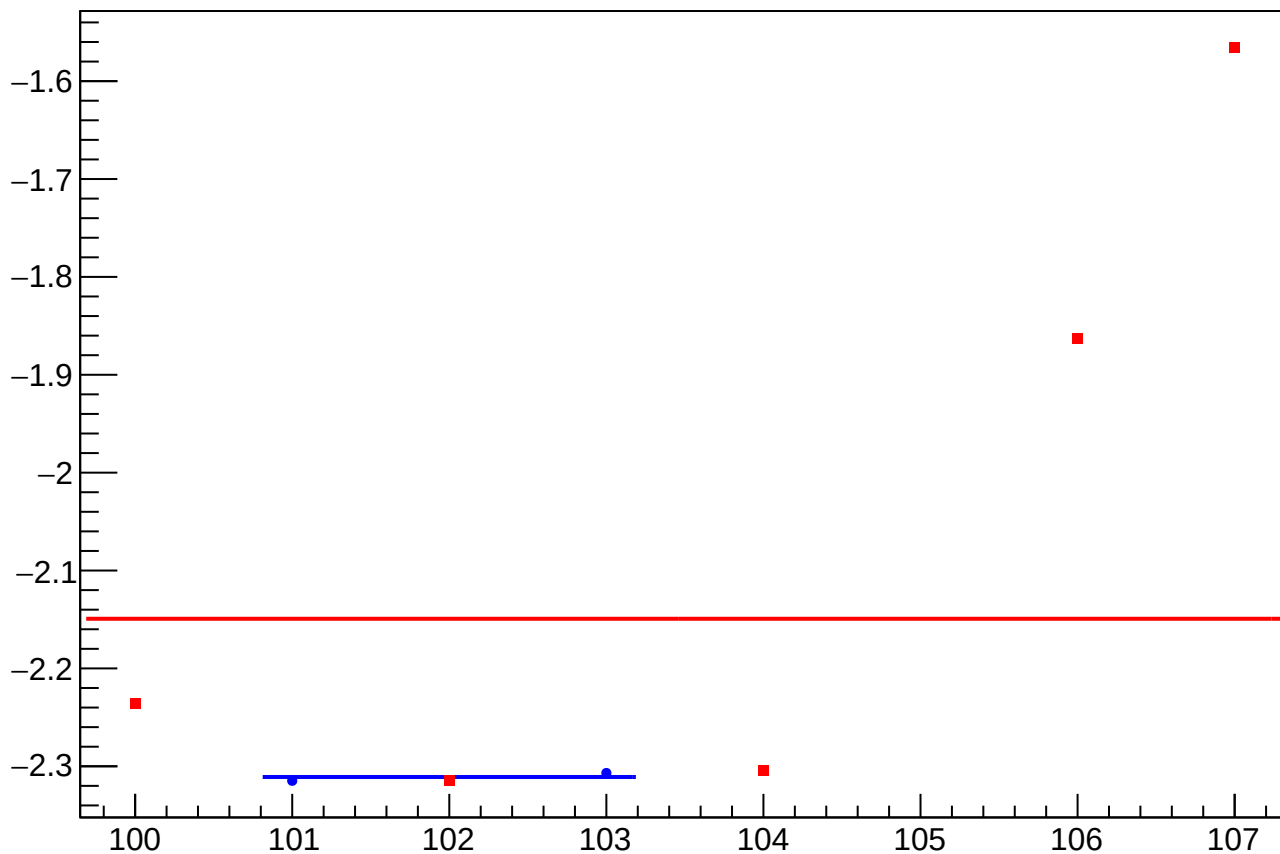
Right: 0.007+/-0.000 χ^2/NDF : 46099.4/6

In: 0.008+/-0.000 χ^2/NDF : 1216.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 46099.4/6

yield_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -2.311+/-0.000 χ^2/NDF : 3317761.3/1

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

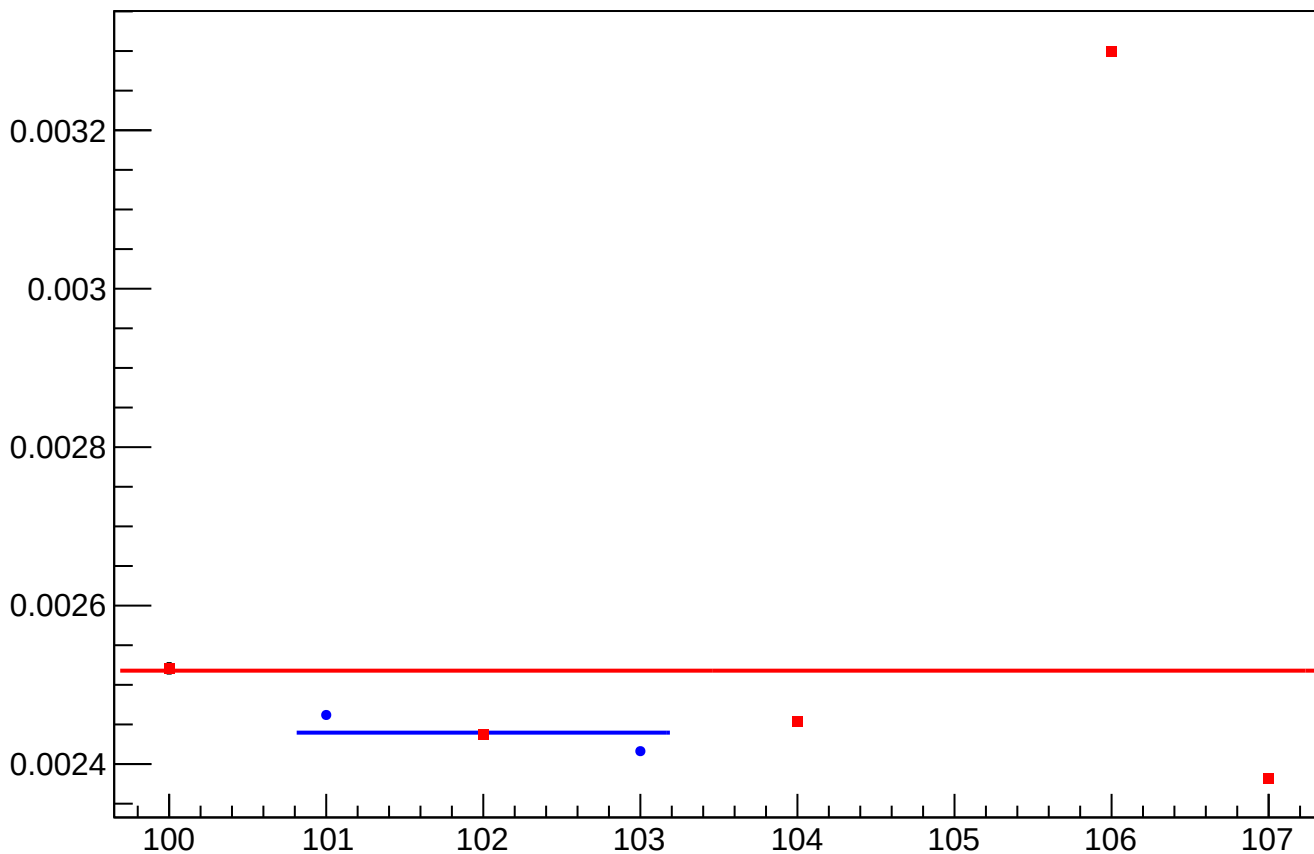
Right: -2.220+/-0.000 χ^2/NDF : 24682883718.3/6

In: -2.311+/-0.000 χ^2/NDF : 3317761.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.220+/-0.000 χ^2/NDF : 24682883718.3/6

yield_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 218.6/1

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

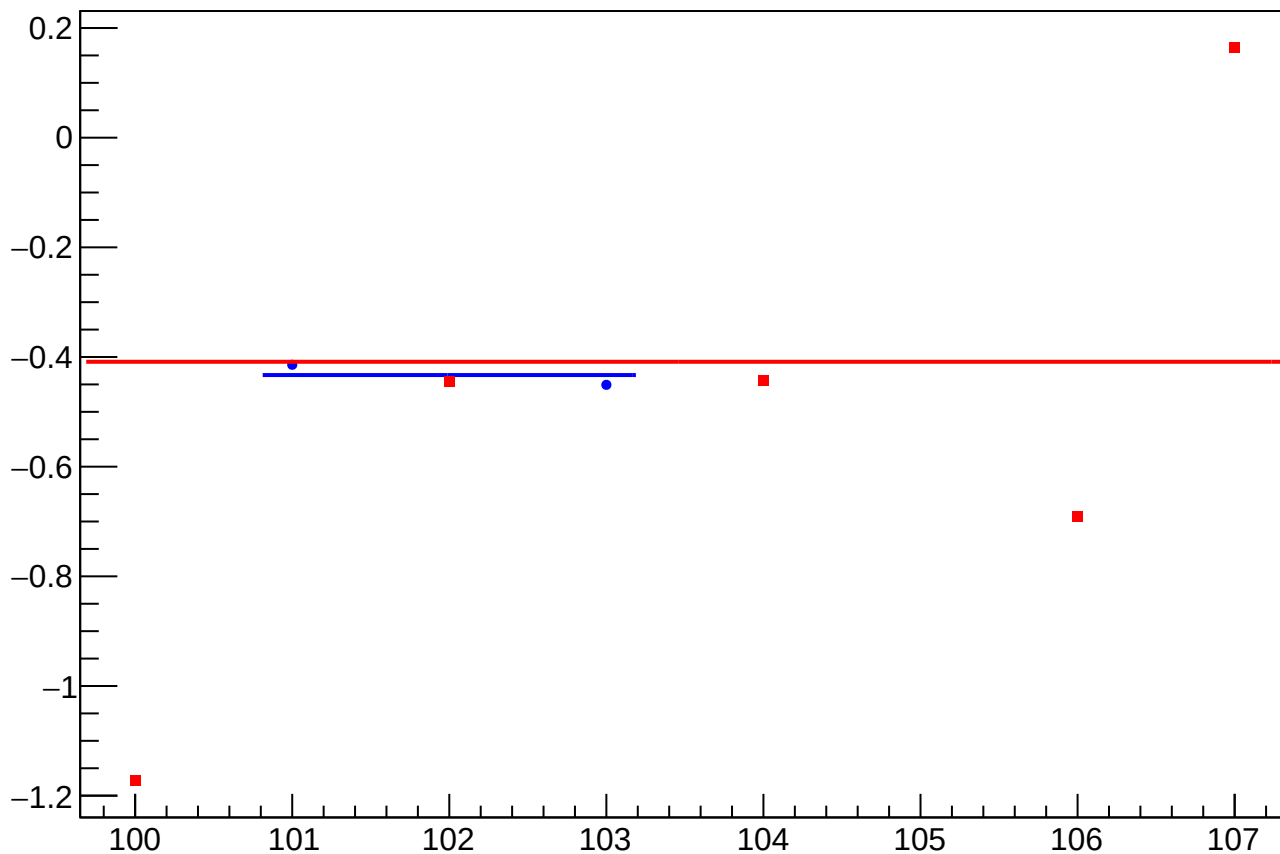
Right: 0.002+/-0.000 χ^2/NDF : 36379.8/6

In: 0.002+/-0.000 χ^2/NDF : 218.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 36379.8/6

yield_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -0.433+/-0.000 χ^2/NDF : 2464892.7/1

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

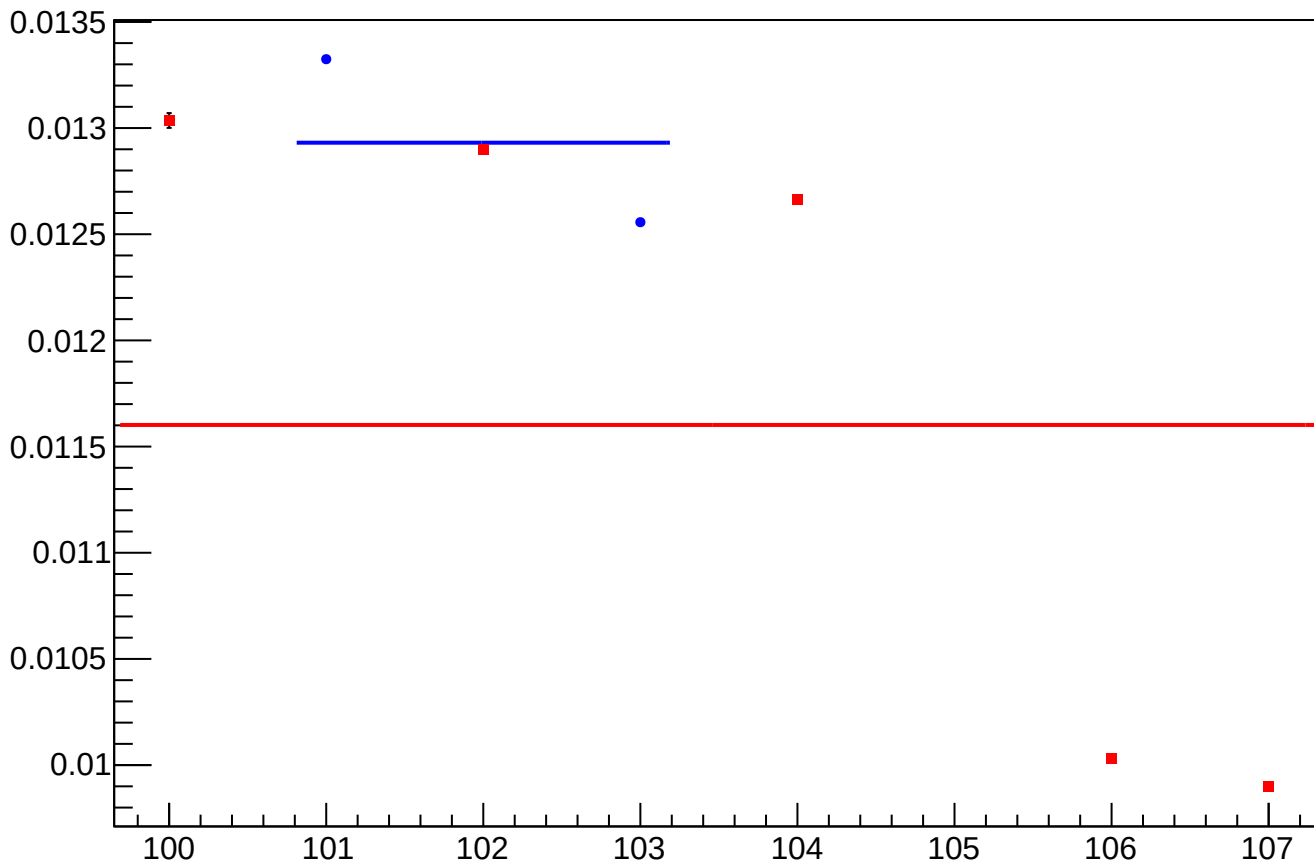
Right: -0.418+/-0.000 χ^2/NDF : 1292057946.1/6

In: -0.433+/-0.000 χ^2/NDF : 2464892.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.418+/-0.000 χ^2/NDF : 1292057946.1/6

yield_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.000 χ^2 /NDF: 2172.2/1

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

Right Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 50534.5/4

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

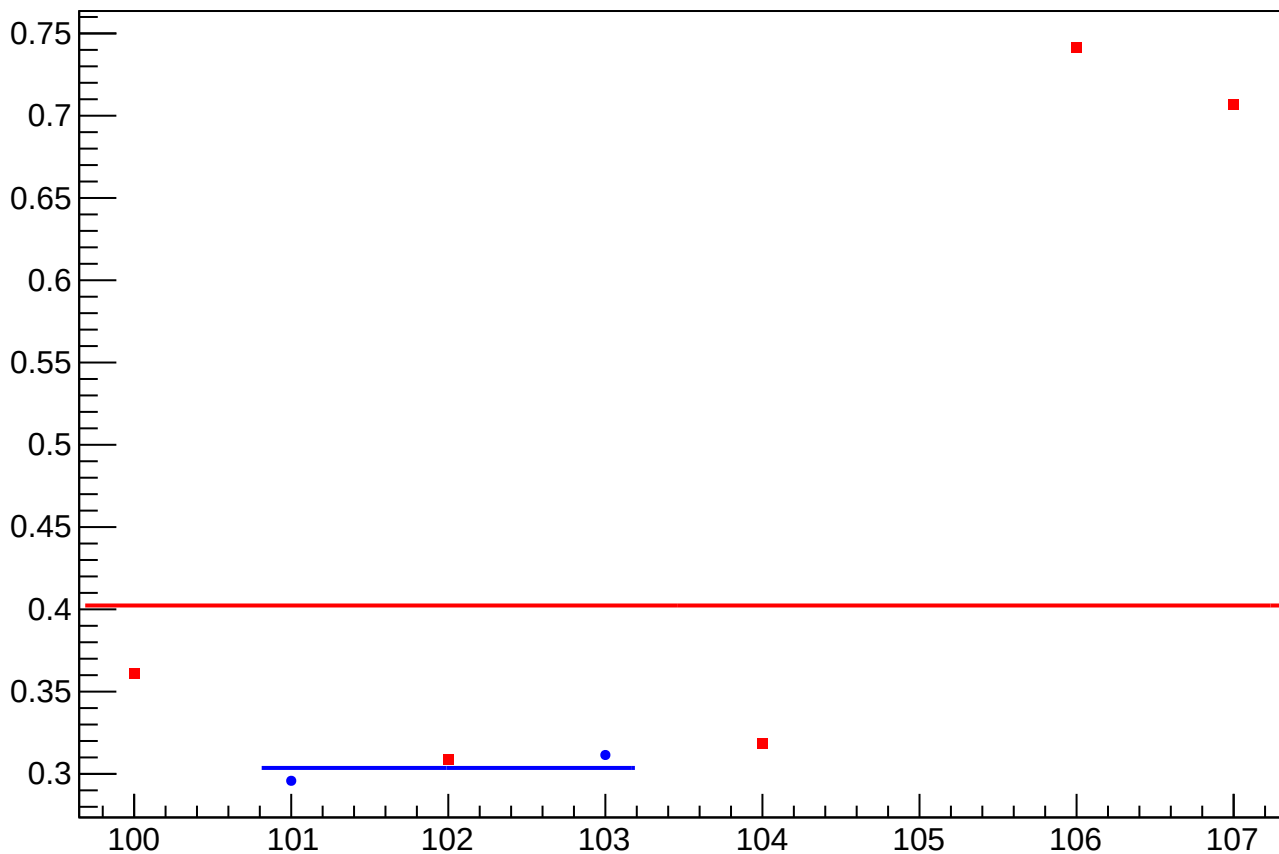
Right: 0.012 $\pm$ 0.000 χ^2 /NDF: 69235.3/6

In: 0.013 $\pm$ 0.000 χ^2 /NDF:2172.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.012 $\pm$ 0.000 χ^2 /NDF: 69235.3/6

yield_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: 0.304+/-0.000 χ^2/NDF : 13128771.3/1

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

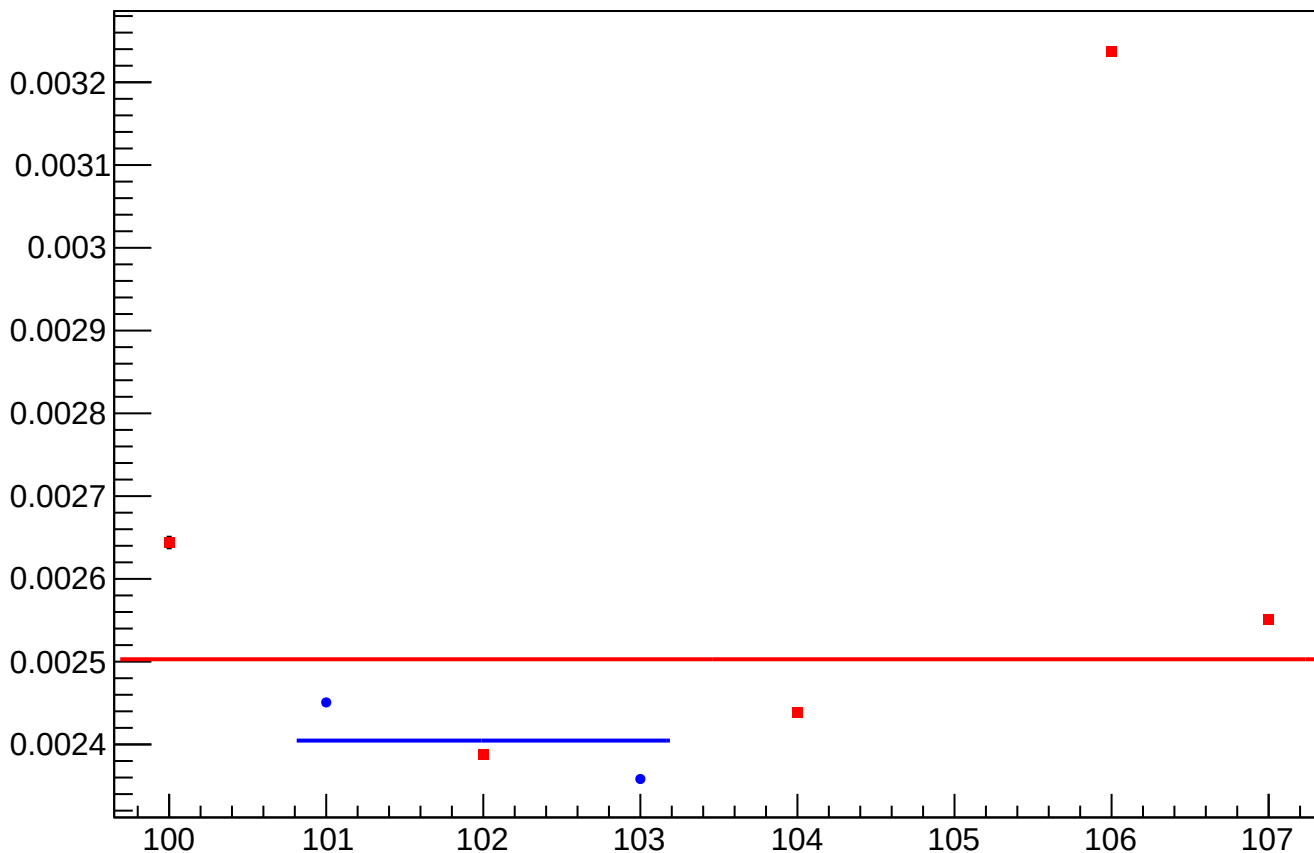
Right: 0.358+/-0.000 χ^2/NDF : 8506610781.7/6

In: 0.304+/-0.000 χ^2/NDF : 13128771.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.358+/-0.000 χ^2/NDF : 8506610781.7/6

yield_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 914.1/1

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

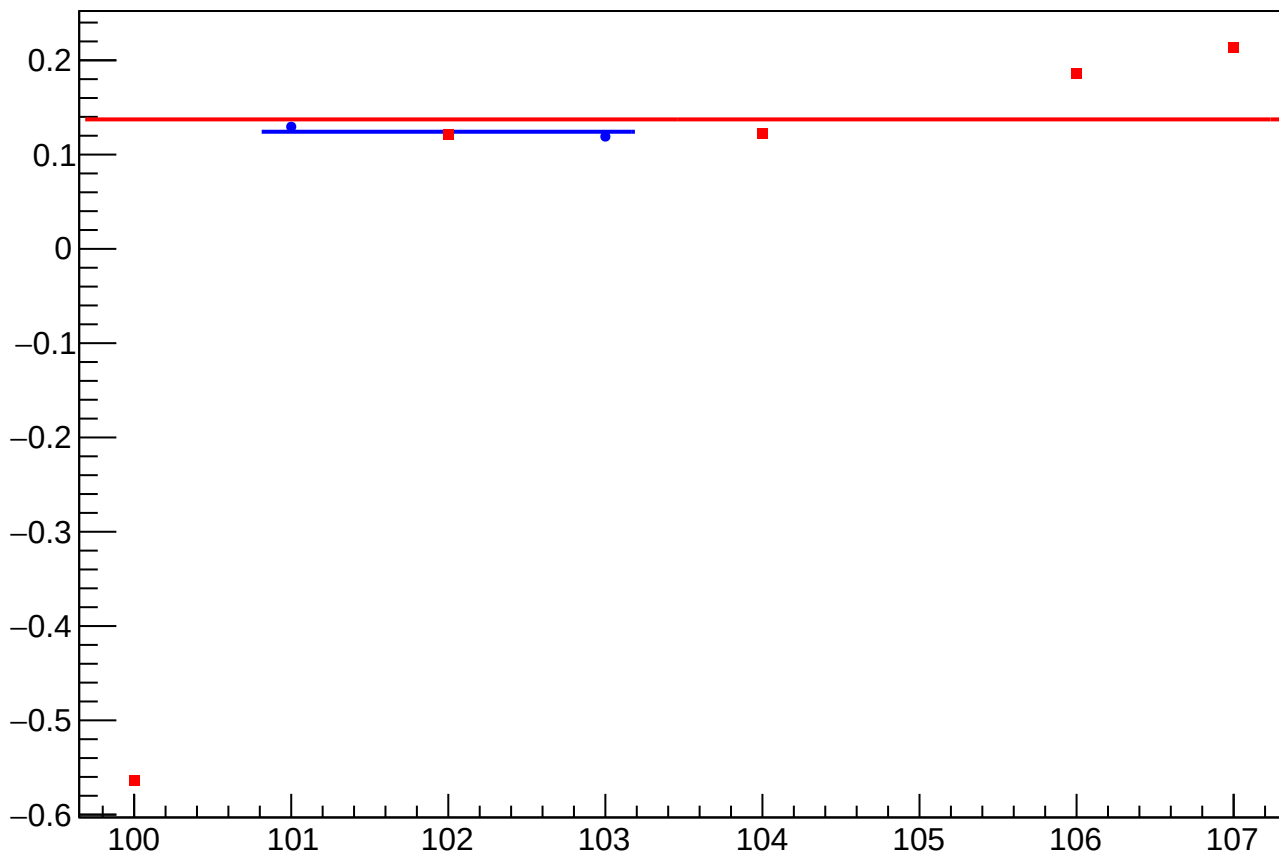
Right: 0.002+/-0.000 χ^2/NDF : 29639.2/6

In: 0.002+/-0.000 χ^2/NDF : 914.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 29639.2/6

yield_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 0.124+/-0.000 χ^2/NDF : 225719.9/1

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

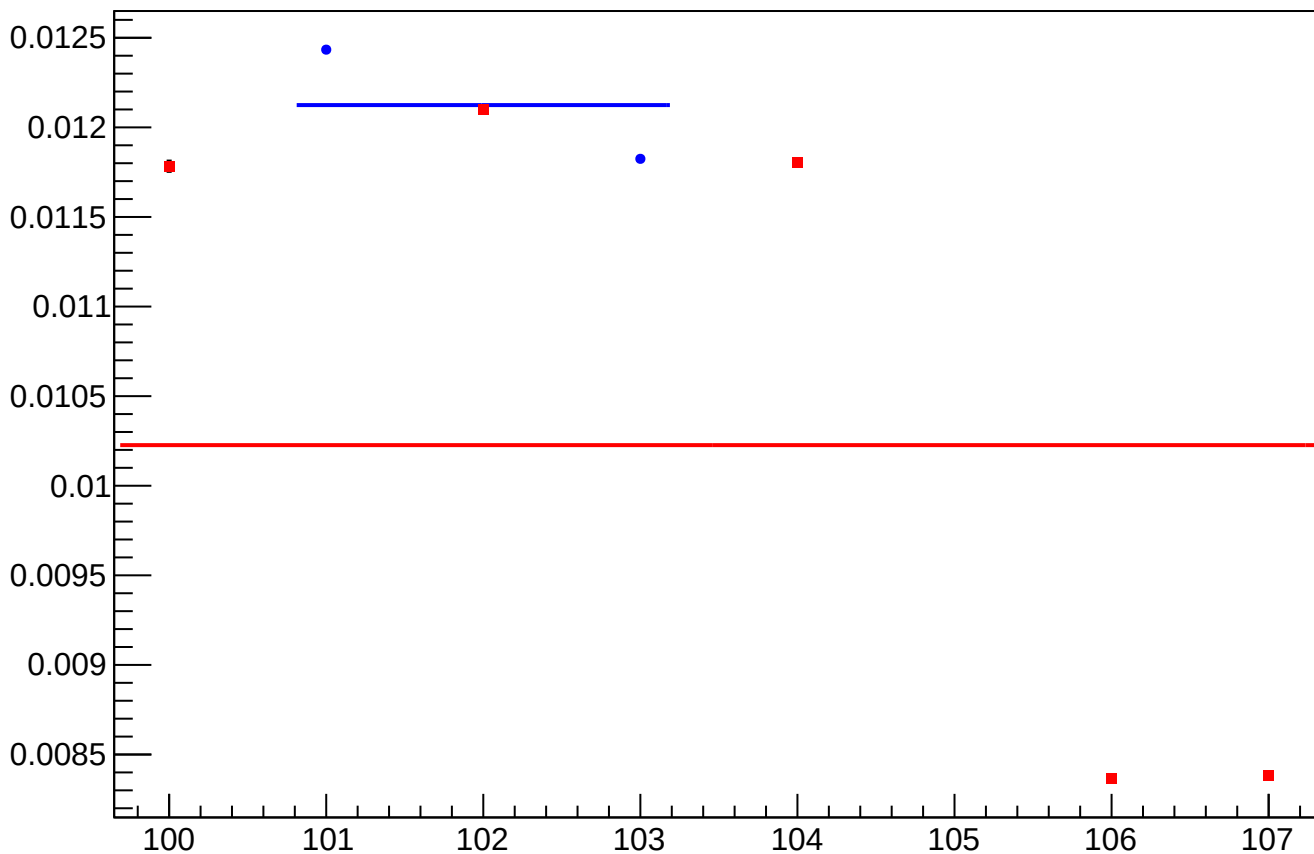
Right: 0.133+/-0.000 χ^2/NDF : 281803310.9/6

In: 0.124+/-0.000 χ^2/NDF : 225719.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.133+/-0.000 χ^2/NDF : 281803310.9/6

yield_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 1548.3/1

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

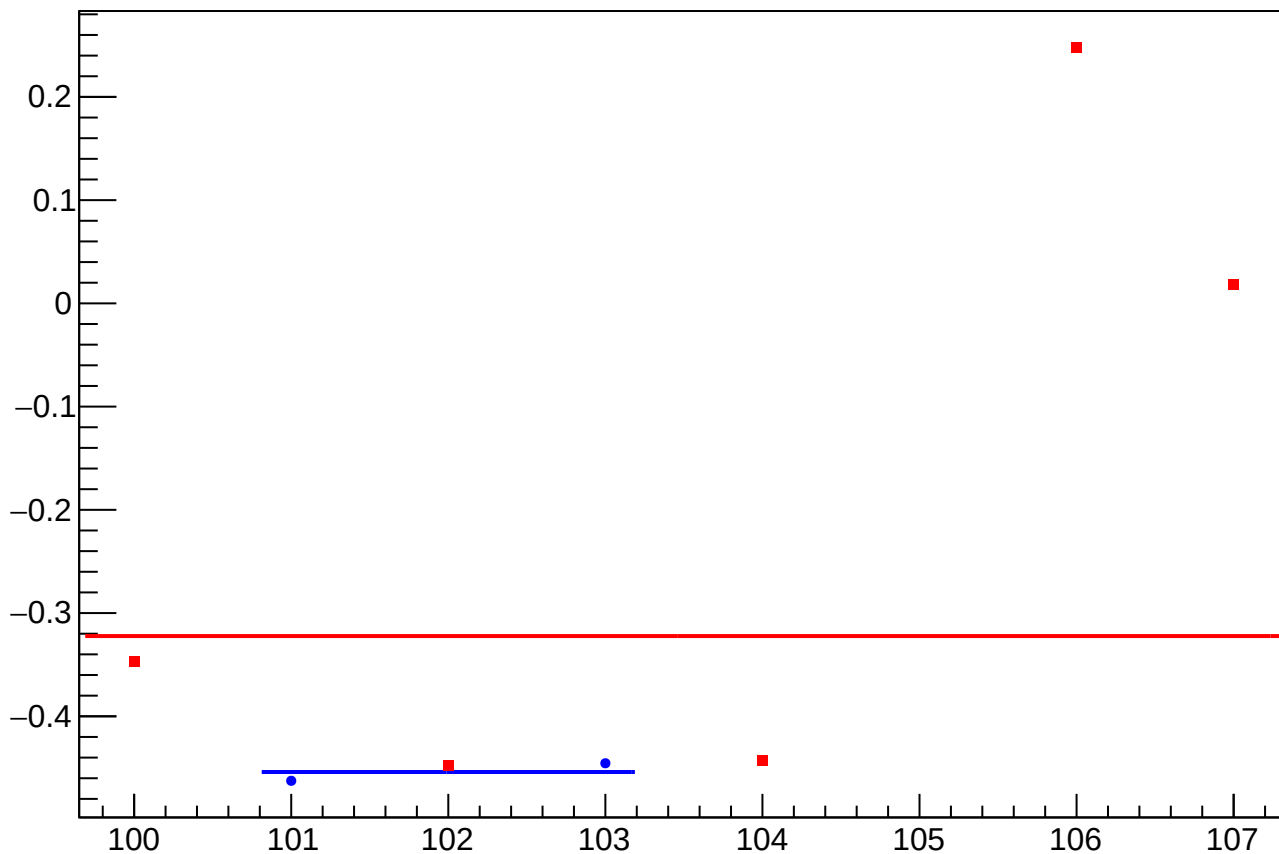
Right: 0.011+/-0.000 χ^2/NDF : 145422.1/6

In: 0.012+/-0.000 χ^2/NDF : 1548.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 145422.1/6

yield_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -0.454+/-0.000 χ^2/NDF : 6924994.5/1

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

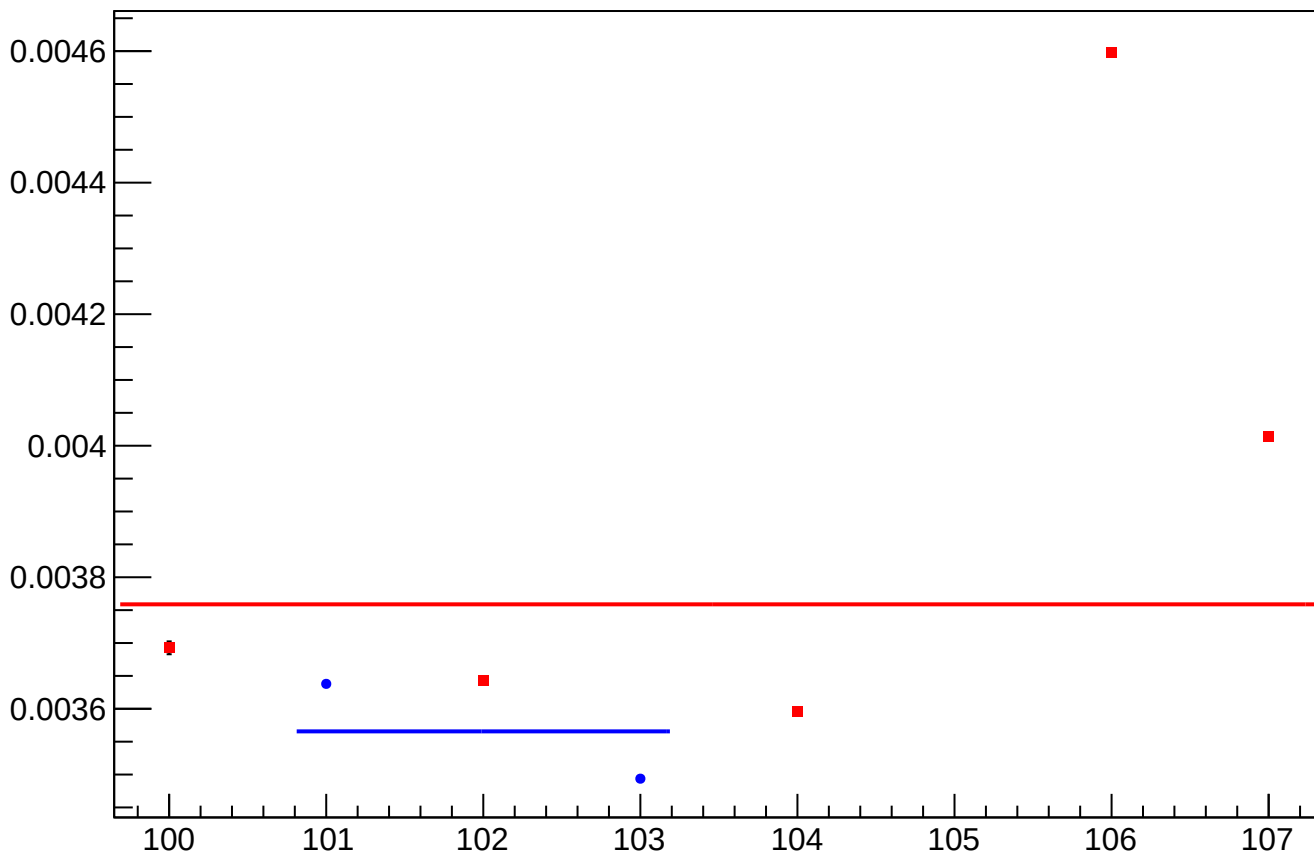
Right: -0.382+/-0.000 χ^2/NDF : 7150349610.2/6

In: -0.454+/-0.000 χ^2/NDF : 6924994.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.382+/-0.000 χ^2/NDF : 7150349610.2/6

yield_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 997.4/1

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

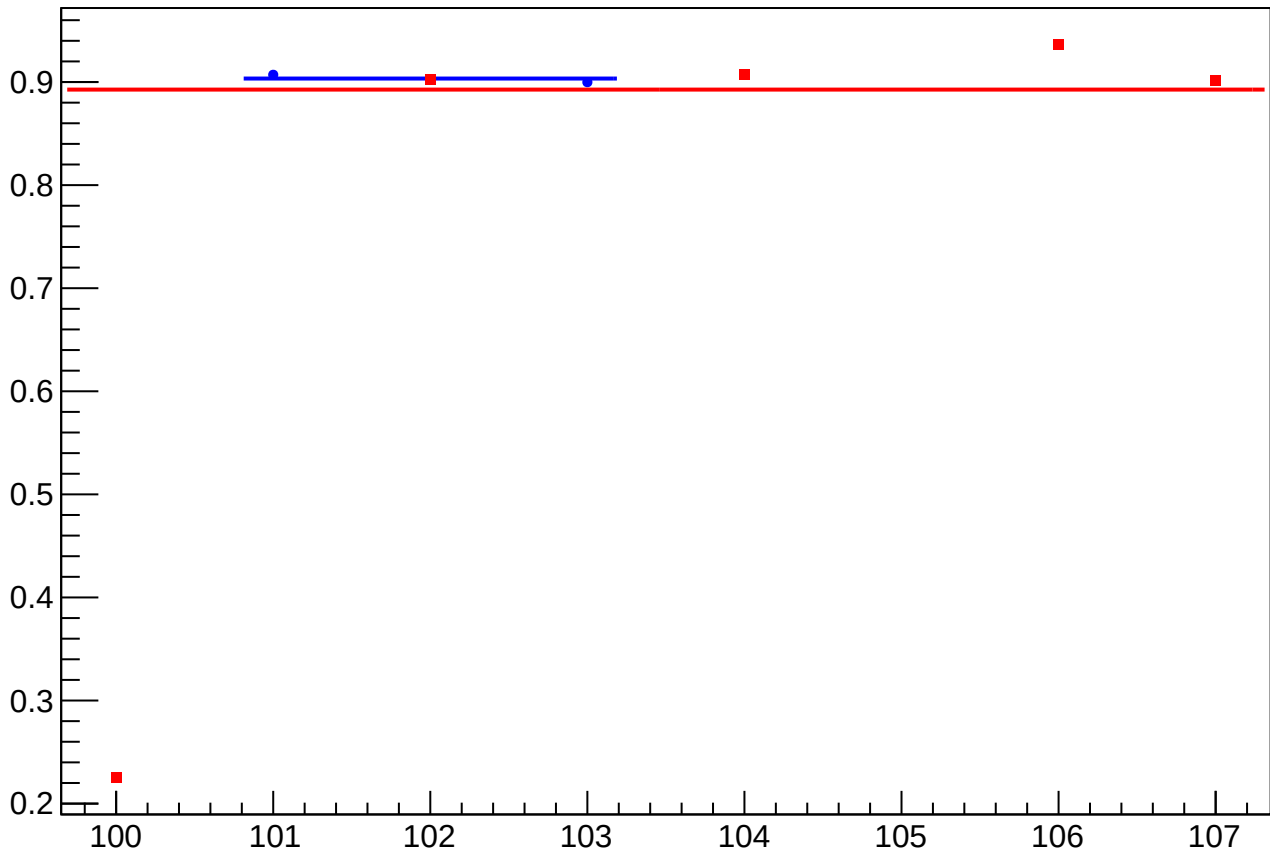
Right: 0.004+/-0.000 χ^2/NDF : 24156.2/6

In: 0.004+/-0.000 χ^2/NDF : 997.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 24156.2/6

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.903 $\pm$ 0.000 χ^2 /NDF: 93290.0/1

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

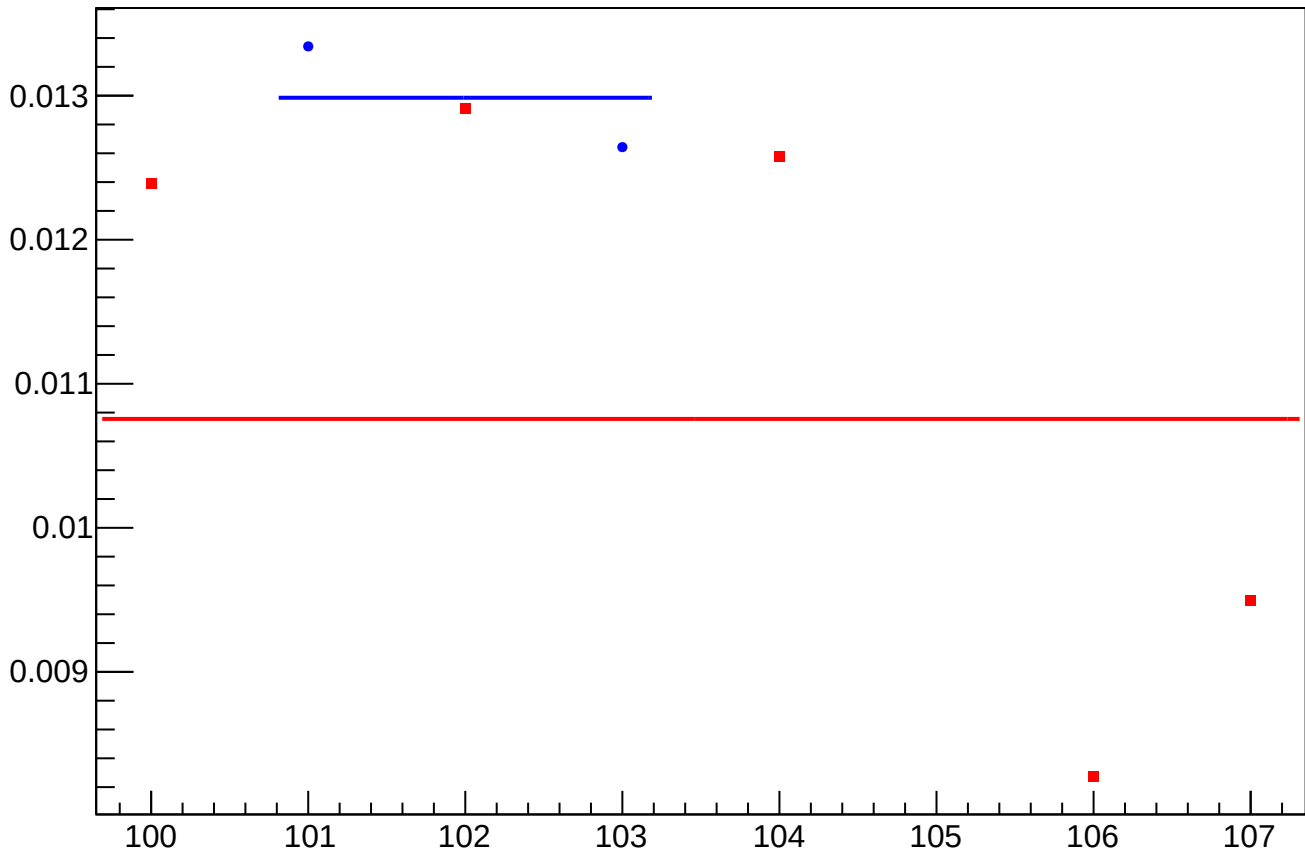
Right: 0.896 $\pm$ 0.000 χ^2 /NDF: 214846911.6/6

In: 0.903 $\pm$ 0.000 χ^2 /NDF: 93290.0/1

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

All: 0.896 $\pm$ 0.000 χ^2 /NDF: 214846911.6/6

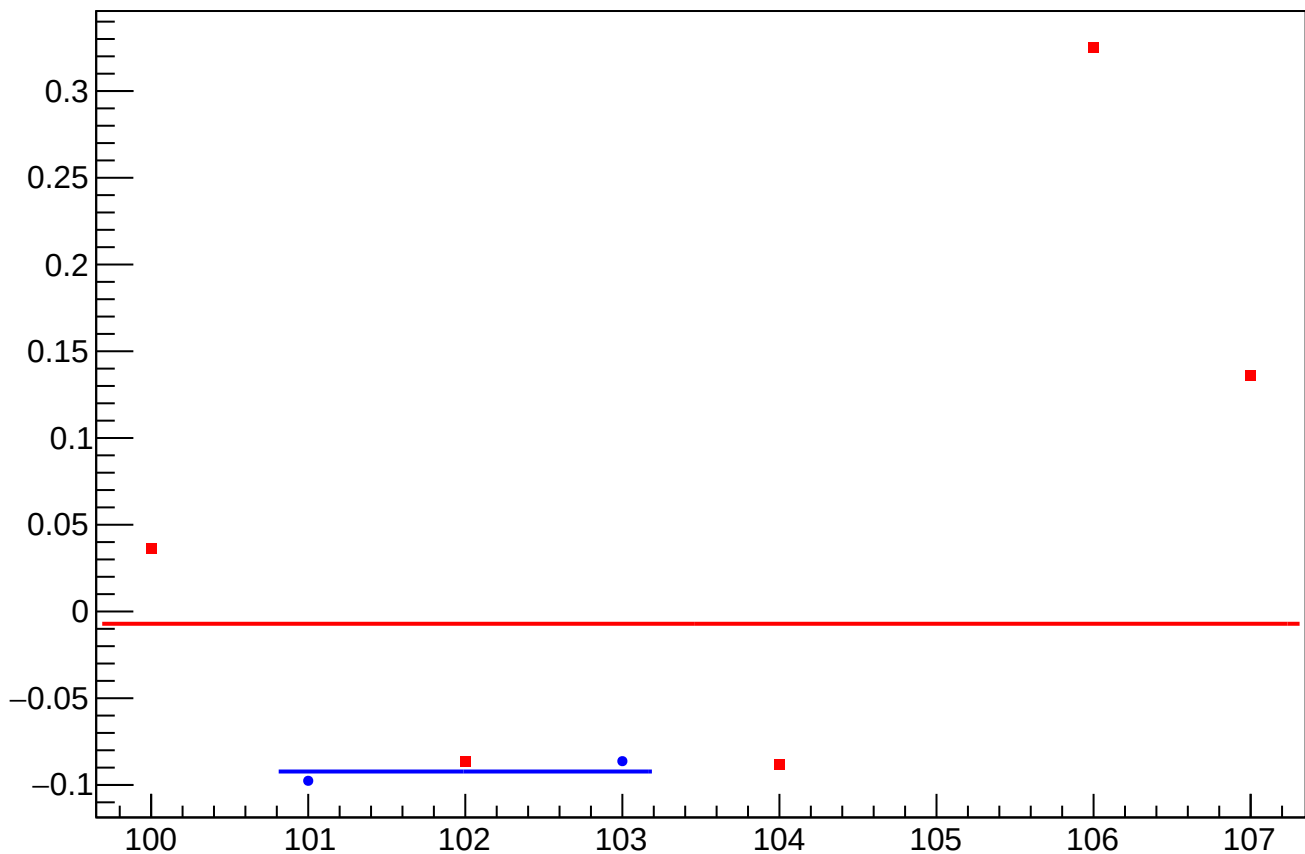
yield_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 1772.2/1
 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 : 172665.3/6
 In: 0.013+/-0.000 χ^2/NDF : 1772.2/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.011+/-0.000 χ^2/NDF : 172665.3/6

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -0.092 ± 0.000 $\chi^2/\text{NDF}: 2503287.7/1$

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

Right Out: -0.007 ± 0.000 $\chi^2/\text{NDF}: 1823687088.1/4$

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

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

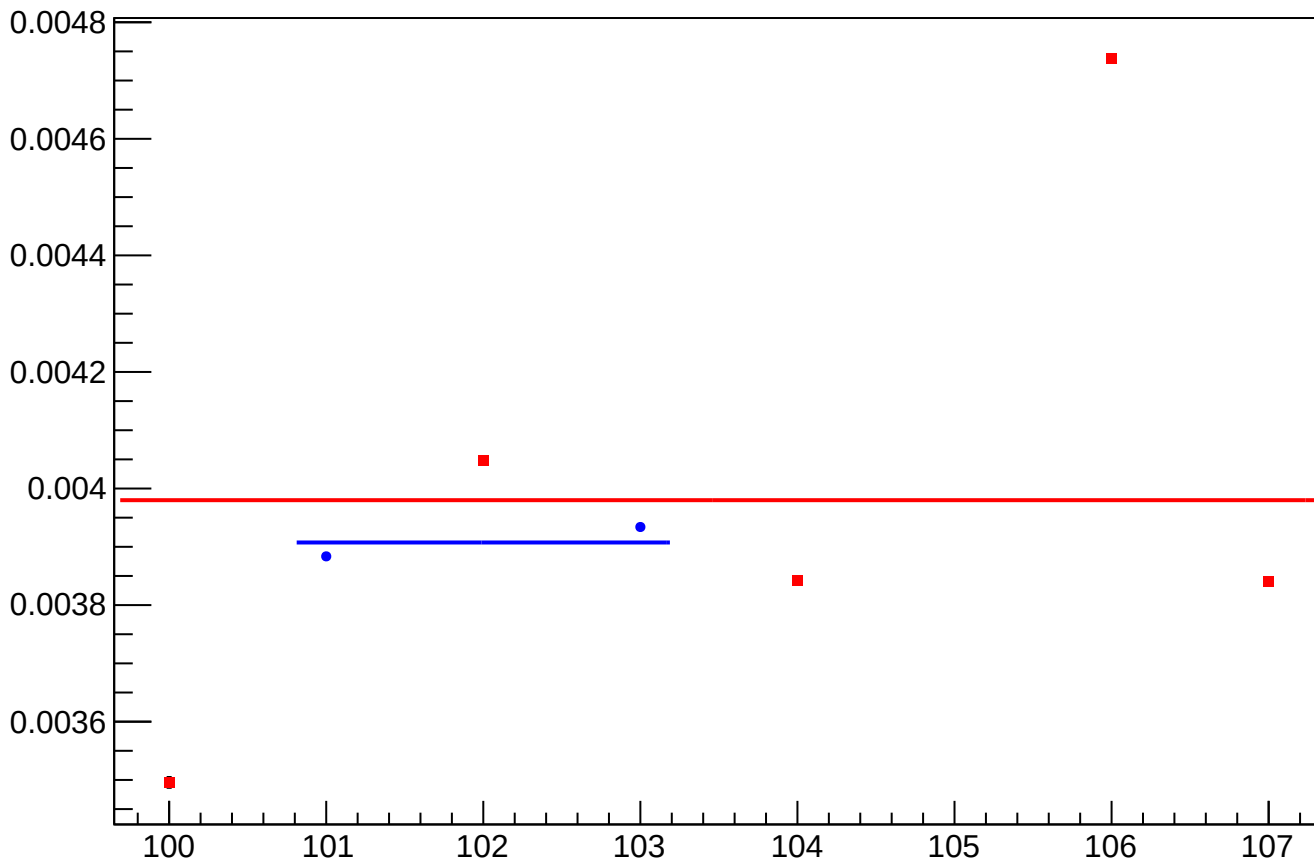
Right: -0.044 ± 0.000 $\chi^2/\text{NDF}: 2147153598.8/6$

In: -0.092 ± 0.000 $\chi^2/\text{NDF}: 2503287.7/1$

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

All: -0.044 ± 0.000 $\chi^2/\text{NDF}: 2147153598.8/6$

yield_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 99.2/1

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

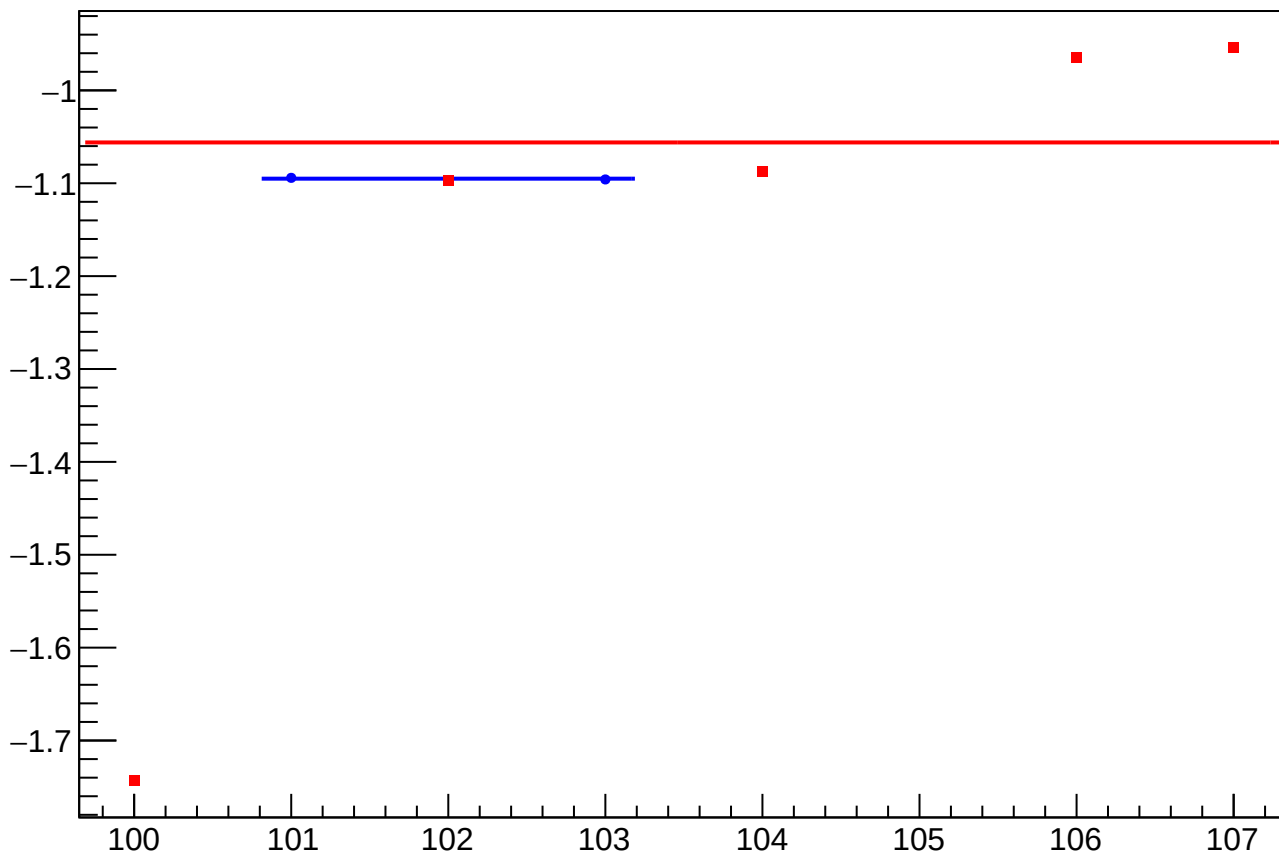
Right: 0.004+/-0.000 χ^2/NDF : 16205.2/6

In: 0.004+/-0.000 χ^2/NDF : 99.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 16205.2/6

yield_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -1.095+/-0.000 χ^2/NDF : 6000.6/1

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

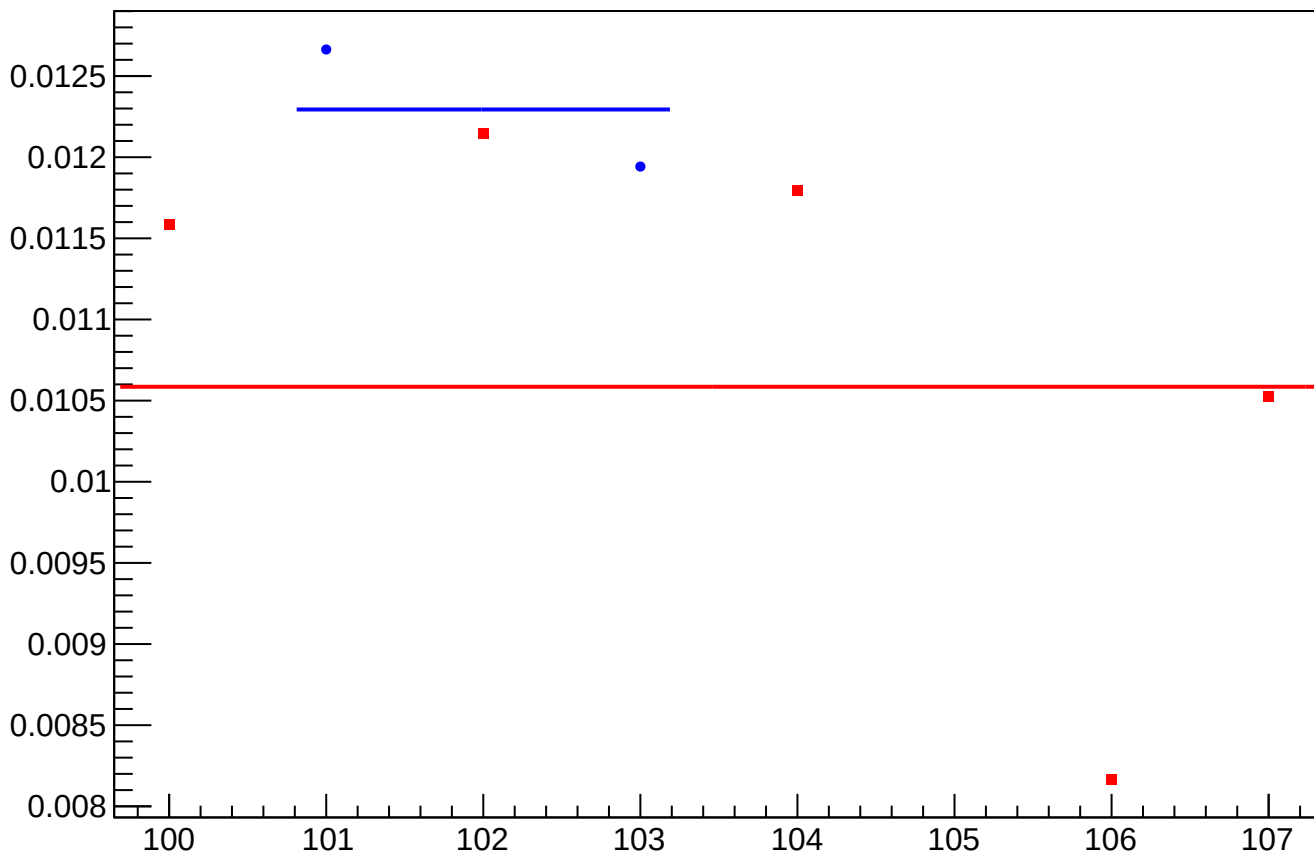
Right: -1.070+/-0.000 χ^2/NDF : 328076235.7/6

In: -1.095+/-0.000 χ^2/NDF : 6000.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.070+/-0.000 χ^2/NDF : 328076235.7/6

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 2094.5/1

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

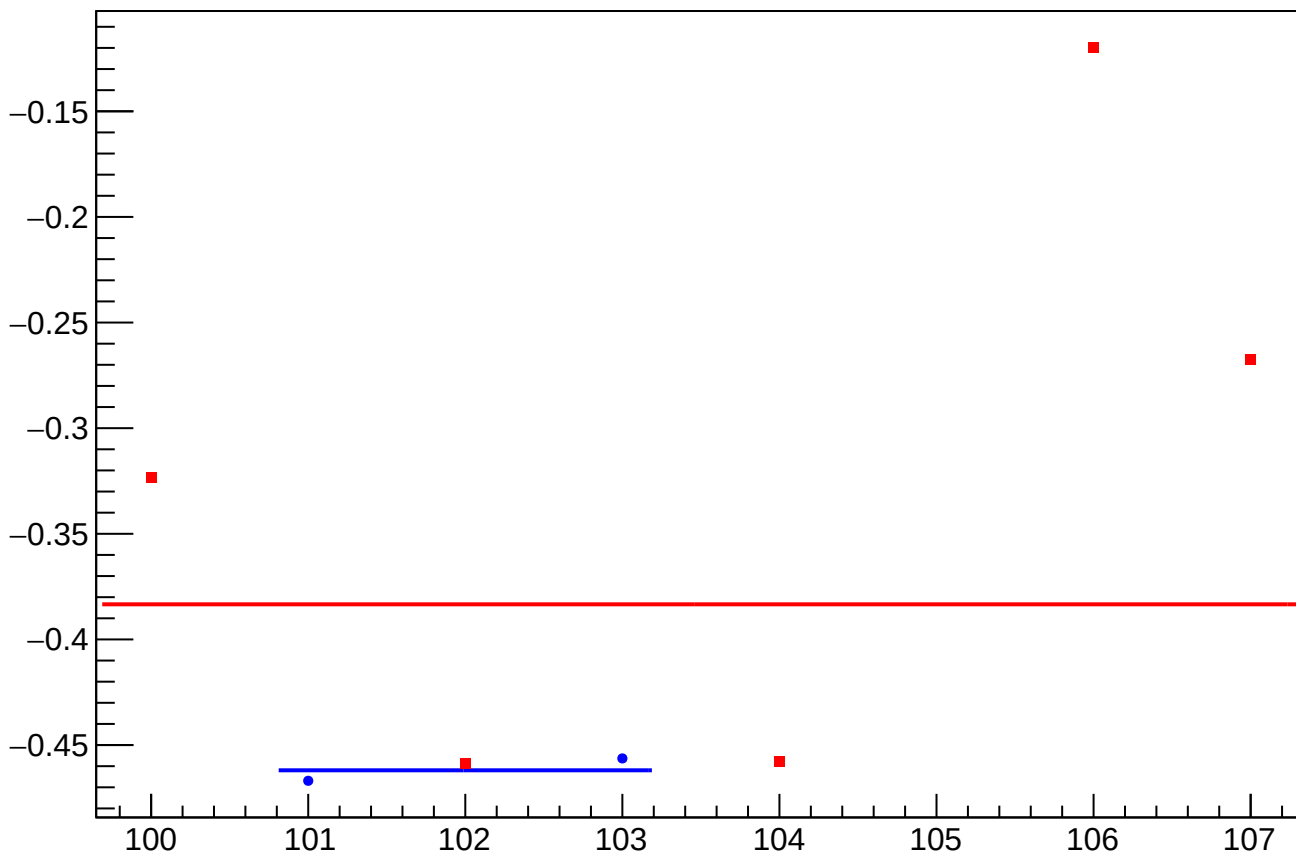
Right: 0.011 $\pm$ 0.000 χ^2 /NDF: 119904.8/6

In: 0.012 $\pm$ 0.000 χ^2 /NDF:2094.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.000 χ^2 /NDF: 119904.8/6

yield_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -0.462+/-0.000 χ^2/NDF : 2520200.0/1

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

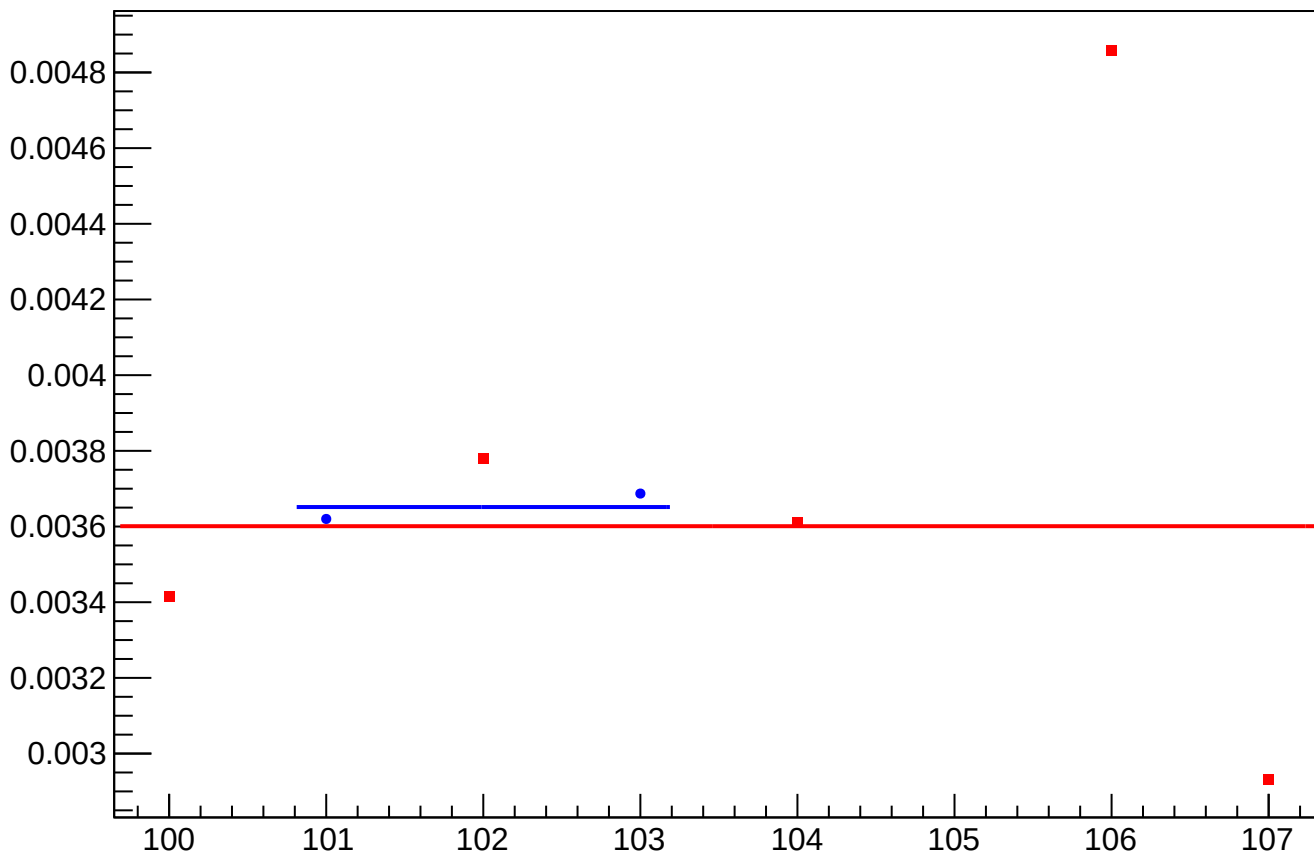
Right: -0.417+/-0.000 χ^2/NDF : 1807115502.5/6

In: -0.462+/-0.000 χ^2/NDF : 2520200.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.417+/-0.000 χ^2/NDF : 1807115502.5/6

yield_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 202.3/1

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

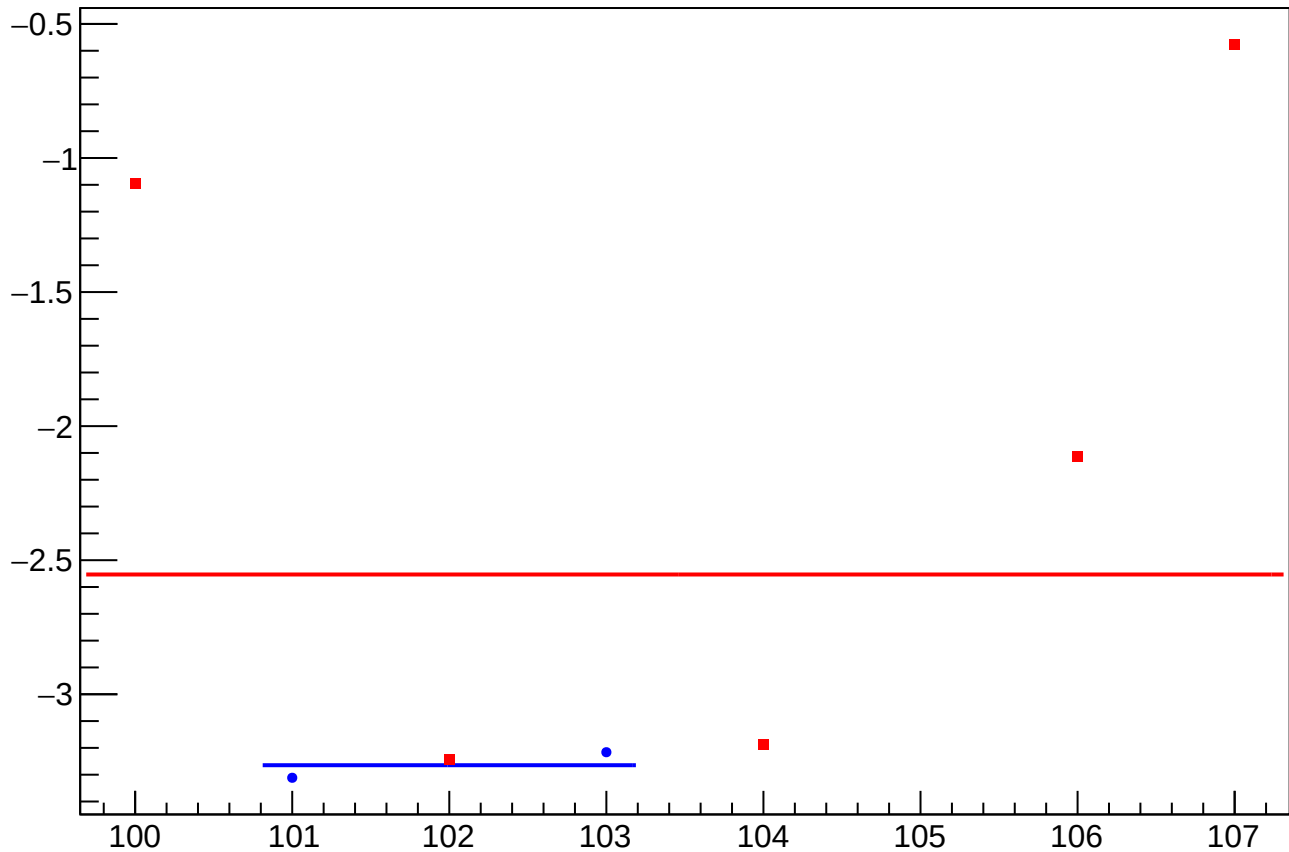
Right: 0.004+/-0.000 χ^2/NDF : 57545.6/6

In: 0.004+/-0.000 χ^2/NDF : 202.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 57545.6/6

yield_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -3.265+/-0.000 χ^2/NDF : 534943.6/1

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

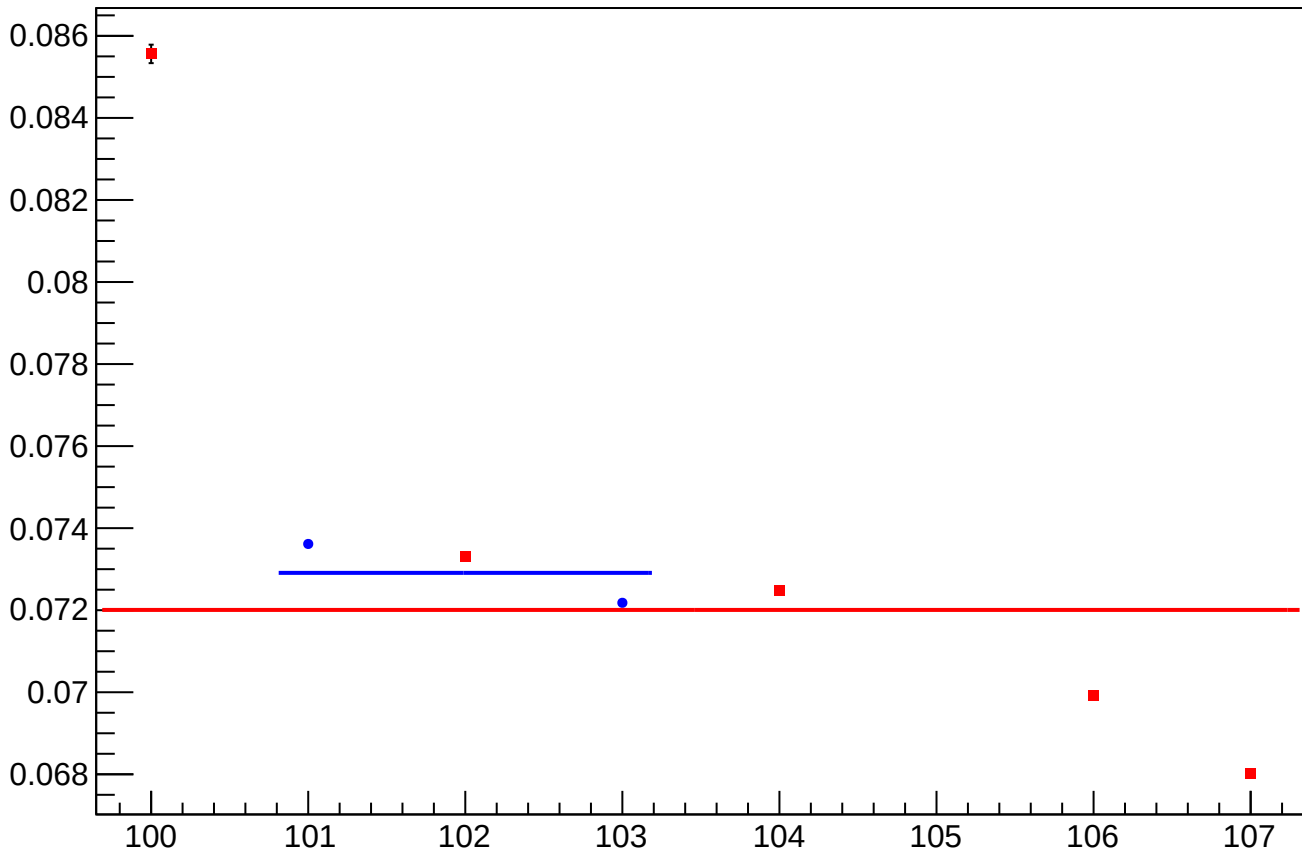
Right: -2.845+/-0.000 χ^2/NDF : 397477273.9/6

In: -3.265+/-0.000 χ^2/NDF : 534943.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.845+/-0.000 χ^2/NDF : 397477273.9/6

yield_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 0.073+/-0.000 χ^2/NDF : 242.2/1

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

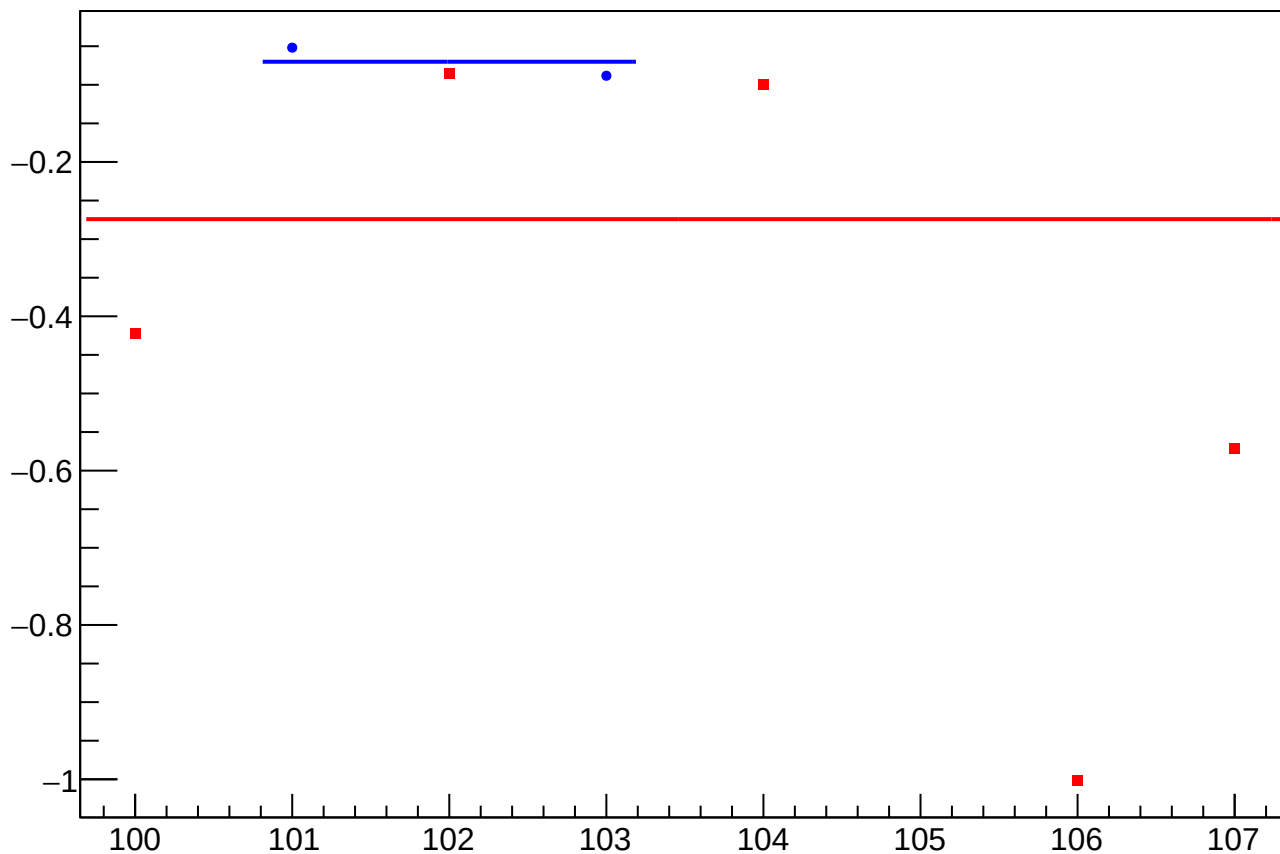
Right: 0.072+/-0.000 χ^2/NDF : 6735.9/6

In: 0.073+/-0.000 χ^2/NDF : 242.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.072+/-0.000 χ^2/NDF : 6735.9/6

yield_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: -0.070 ± 0.000 $\chi^2/\text{NDF}: 4821783.1/1$

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

Right Out: -0.274 ± 0.000 $\chi^2/\text{NDF}: 1936586903.1/4$

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

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

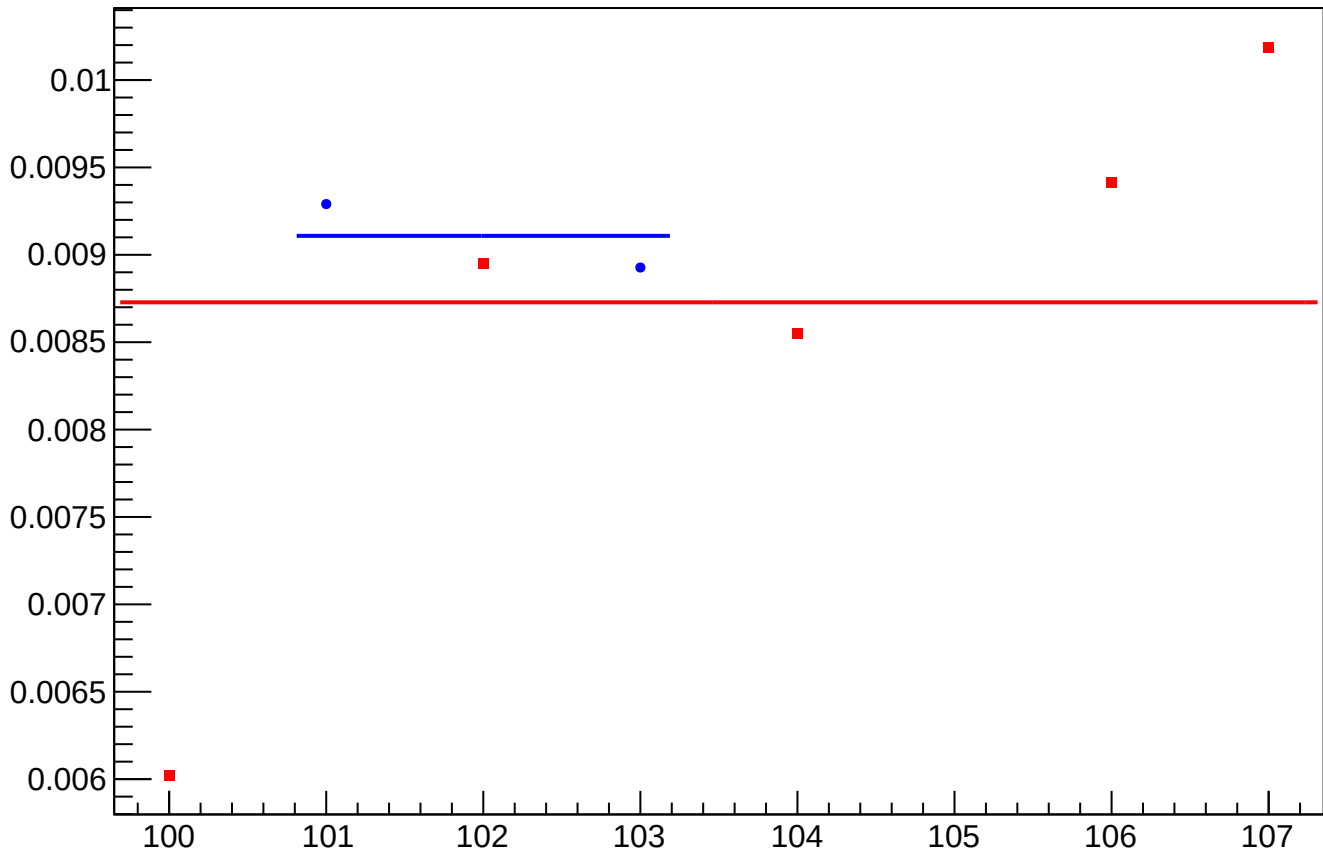
Right: -0.191 ± 0.000 $\chi^2/\text{NDF}: 2299777680.7/6$

In: -0.070 ± 0.000 $\chi^2/\text{NDF}: 4821783.1/1$

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

All: -0.191 ± 0.000 $\chi^2/\text{NDF}: 2299777680.7/6$

yield_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 961.1/1

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

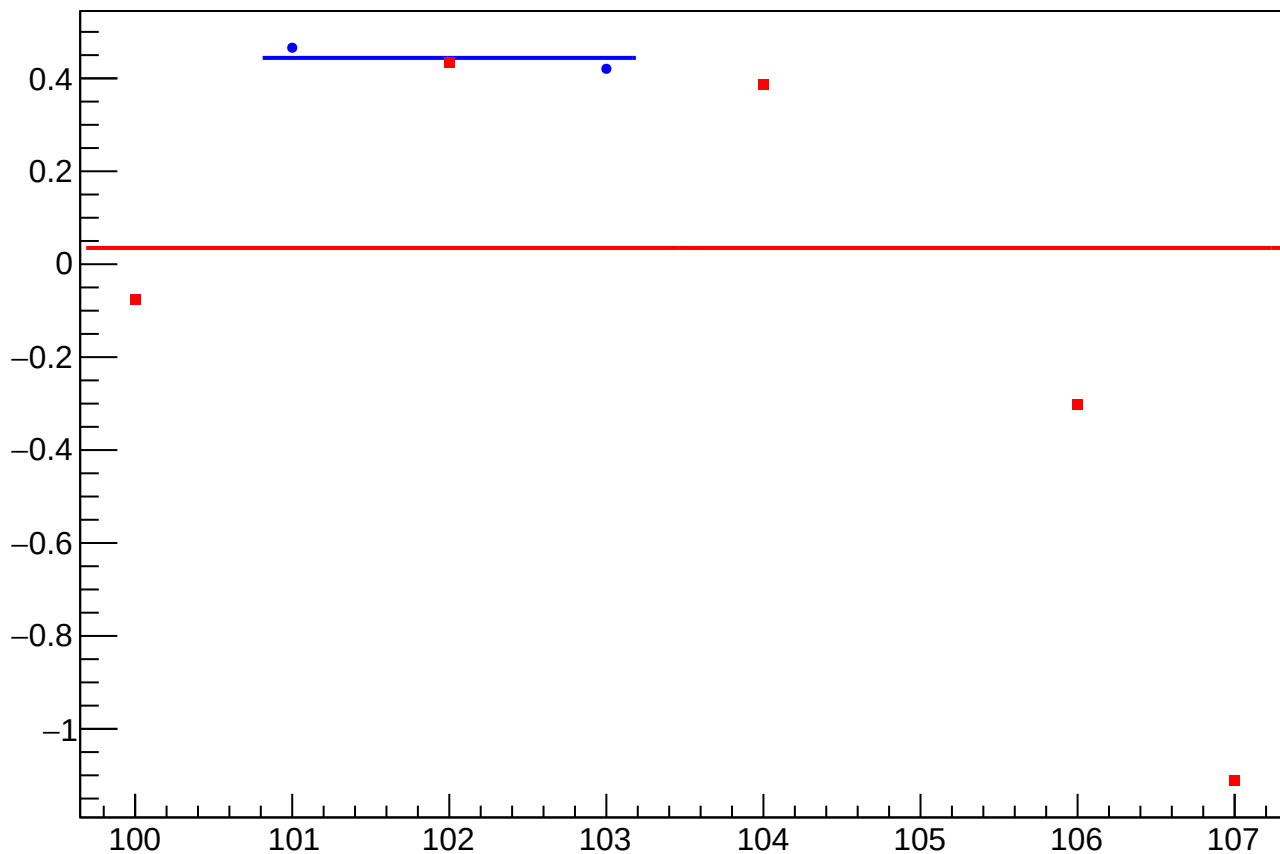
Right: 0.009+/-0.000 χ^2/NDF : 45552.2/6

In: 0.009+/-0.000 χ^2/NDF : 961.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 45552.2/6

yield_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 0.444+/-0.000 χ^2/NDF : 81531.8/1

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

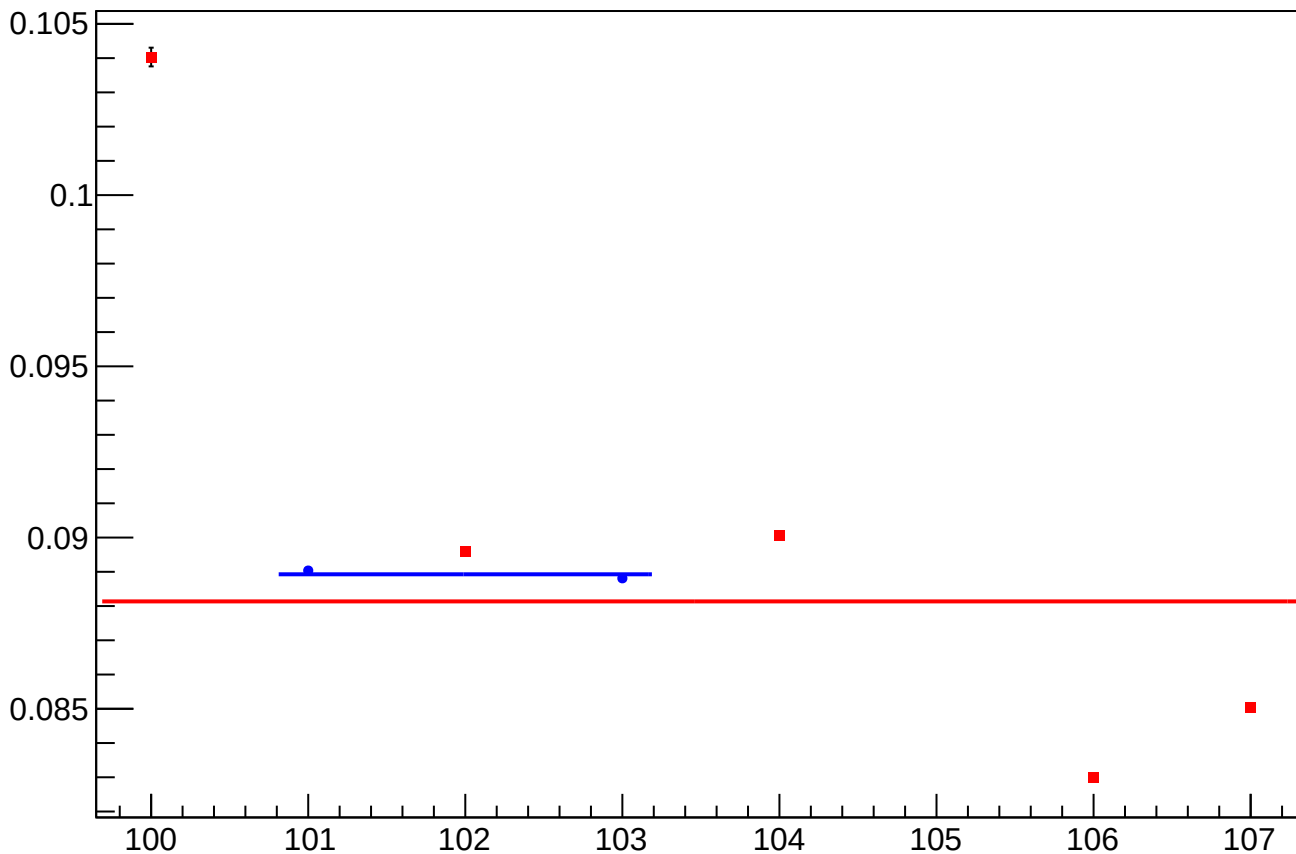
Right: 0.202+/-0.000 χ^2/NDF : 85156313.2/6

In: 0.444+/-0.000 χ^2/NDF : 81531.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.202+/-0.000 χ^2/NDF : 85156313.2/6

yield_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 0.089+/-0.000 χ^2/NDF : 4.1/1

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

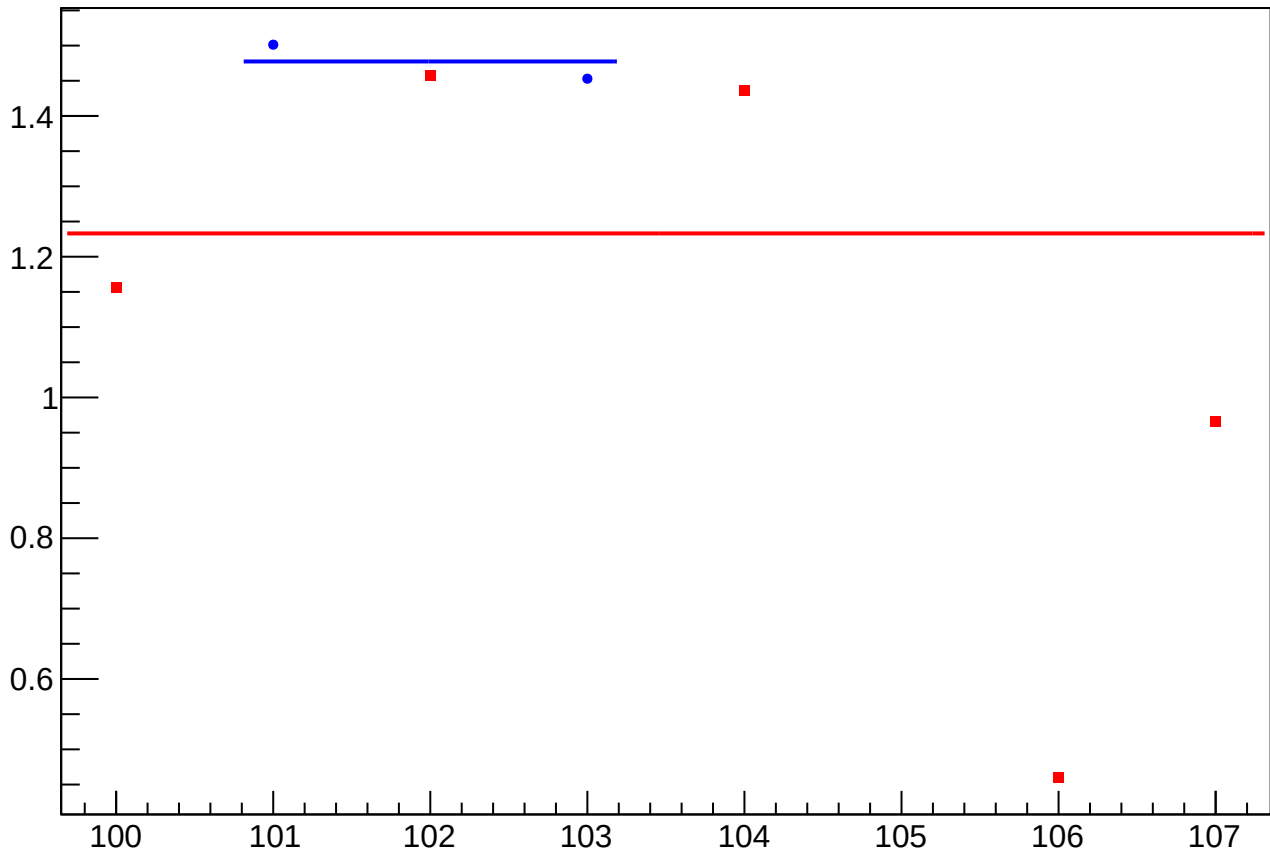
Right: 0.088+/-0.000 χ^2/NDF : 7404.6/6

In: 0.089+/-0.000 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.088+/-0.000 χ^2/NDF : 7404.6/6

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.477+/-0.000 χ^2/NDF : 4102463.2/1

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

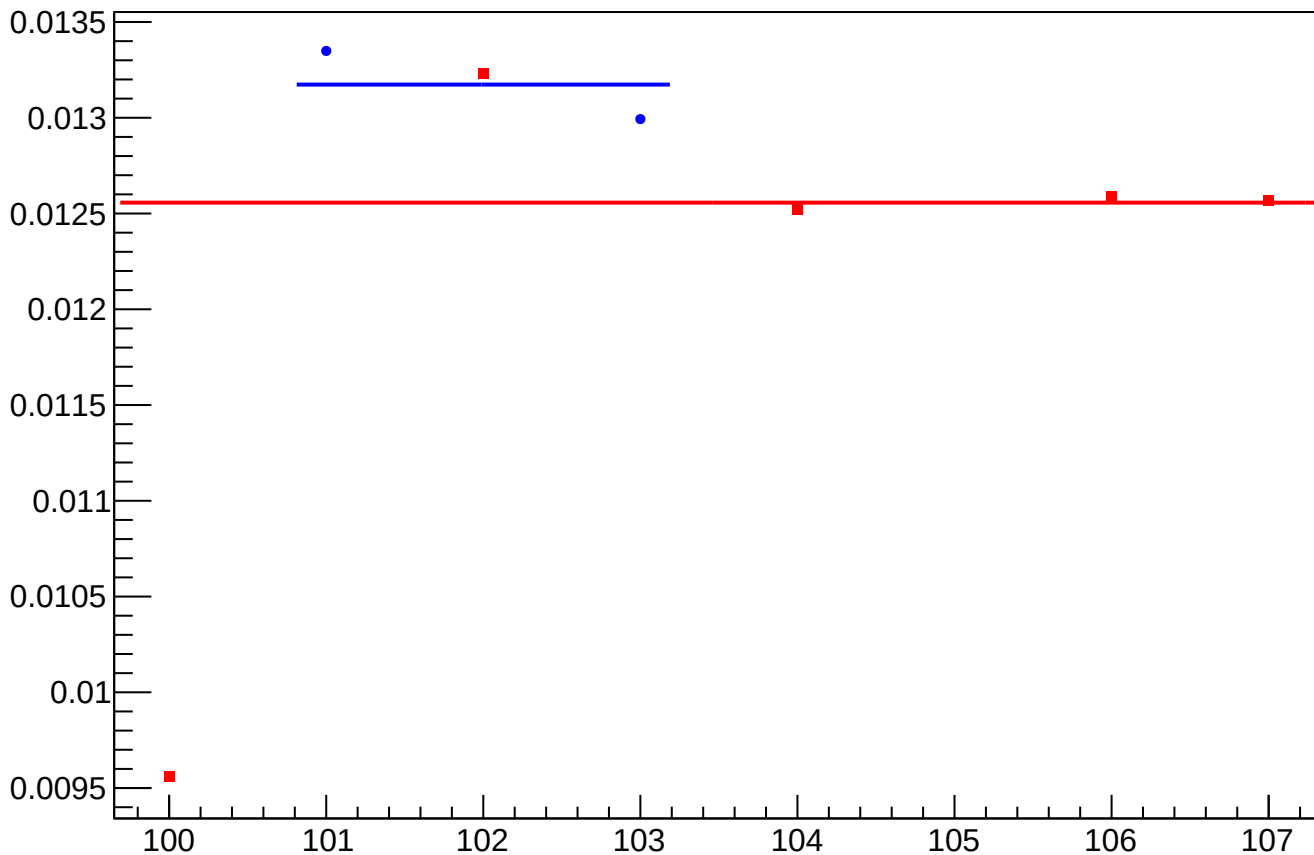
Right: 1.332+/-0.000 χ^2/NDF : 1442607316.7/6

In: 1.477+/-0.000 χ^2/NDF : 4102463.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.332+/-0.000 χ^2/NDF : 1442607316.7/6

yield_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 445.2/1

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

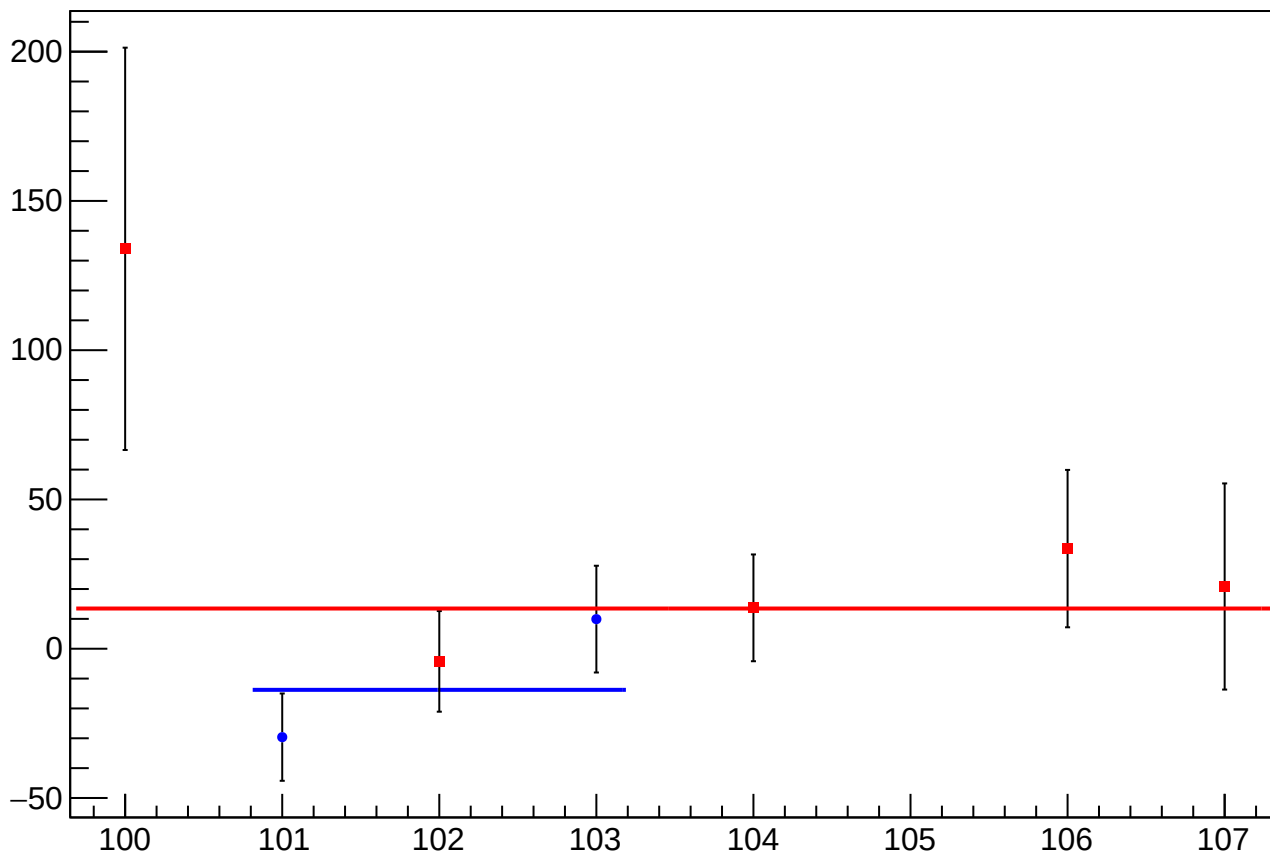
Right: 0.013+/-0.000 χ^2/NDF : 21163.0/6

In: 0.013+/-0.000 χ^2/NDF : 445.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 21163.0/6

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -13.773 $\pm$ 11.320 χ^2 /NDF: 2.9/1

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

Right Out: 13.466 $\pm$ 10.458 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

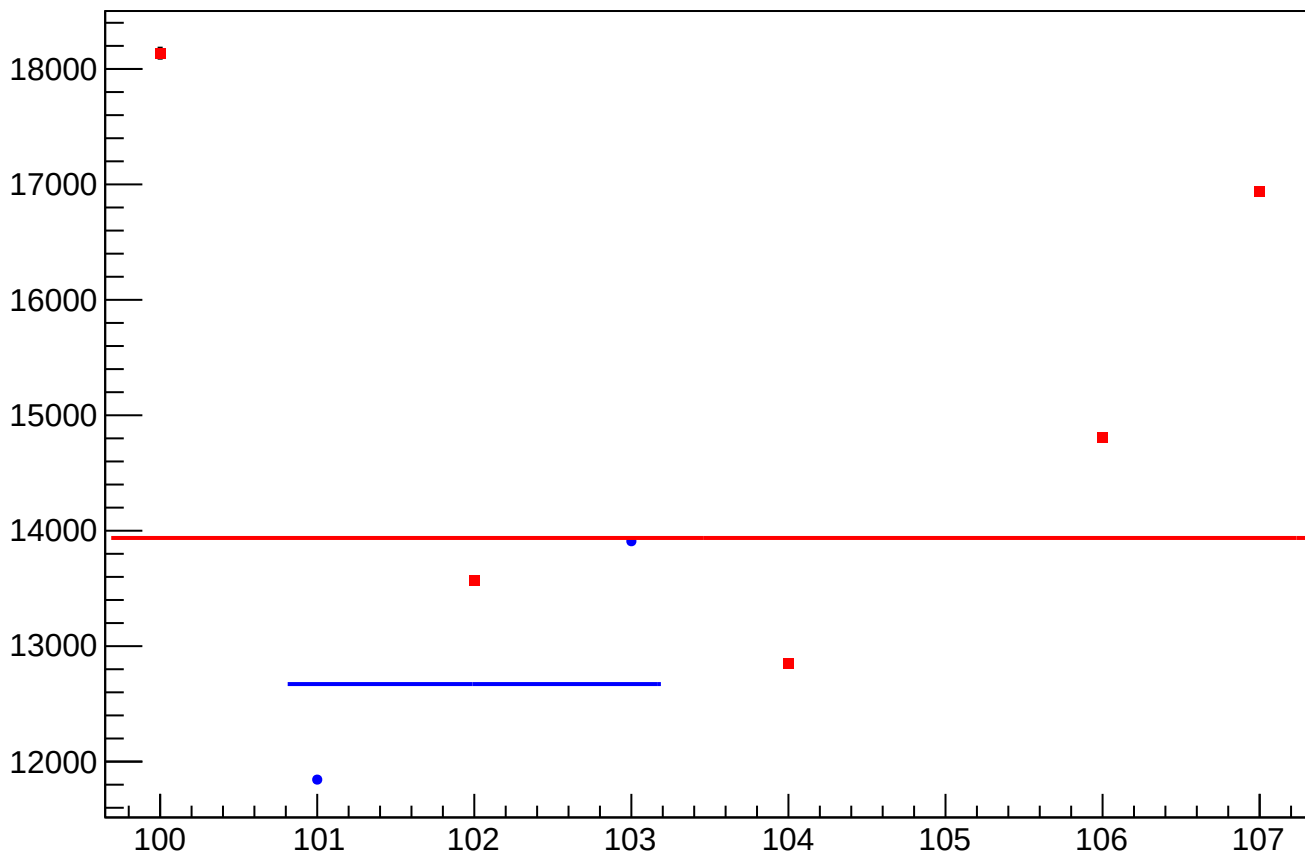
Right: 0.923 $\pm$ 7.681 χ^2 /NDF: 11.0/6

In: -13.773 $\pm$ 11.320 χ^2 /NDF: 2.9/1

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

All: 0.923 $\pm$ 7.681 χ^2 /NDF: 11.0/6

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 12671.585+/-8.004 χ^2/NDF : 15983.7/1

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

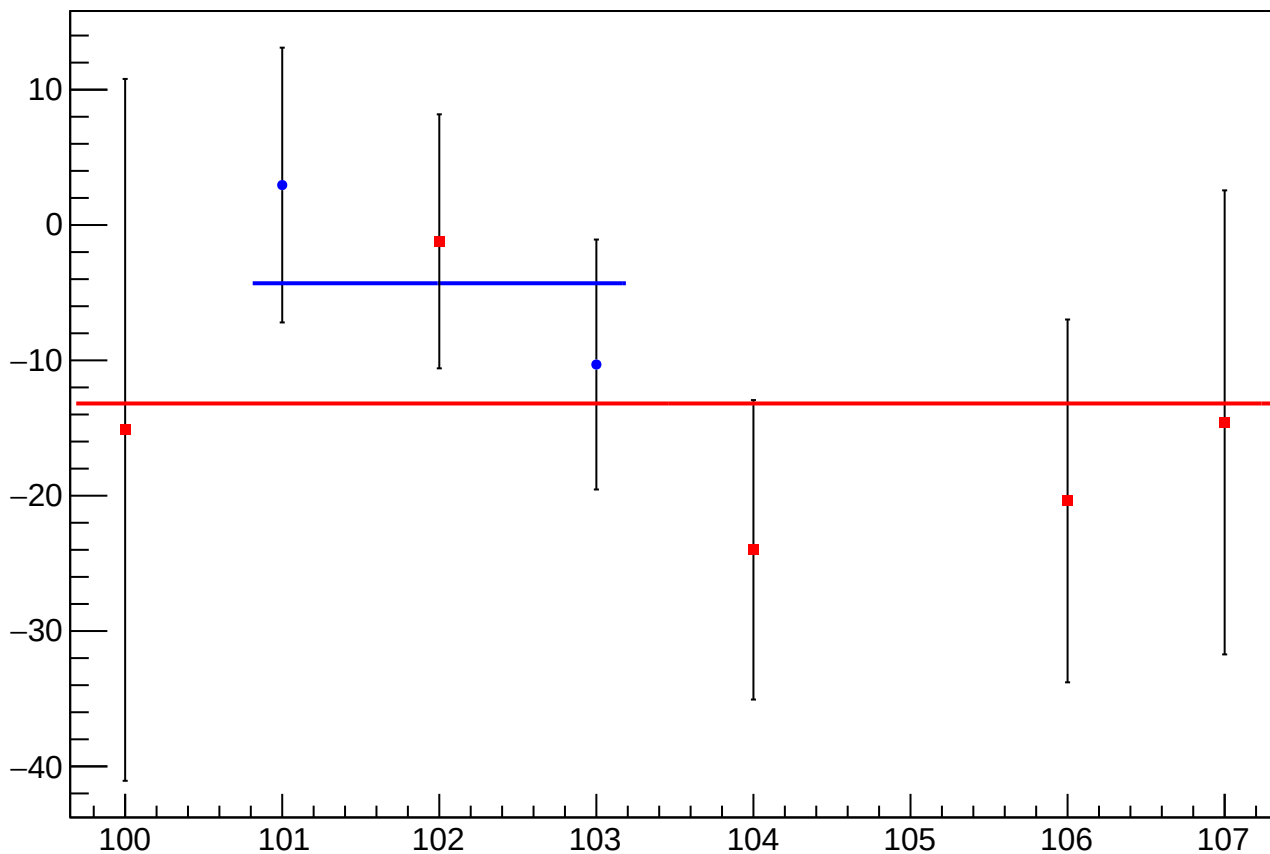
Right: 13354.428+/-5.432 χ^2/NDF : 62927.9/6

In: 12671.585+/-8.004 χ^2/NDF : 15983.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13354.428+/-5.432 χ^2/NDF : 62927.9/6

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -4.304+/-6.831 χ^2/NDF : 0.9/1

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

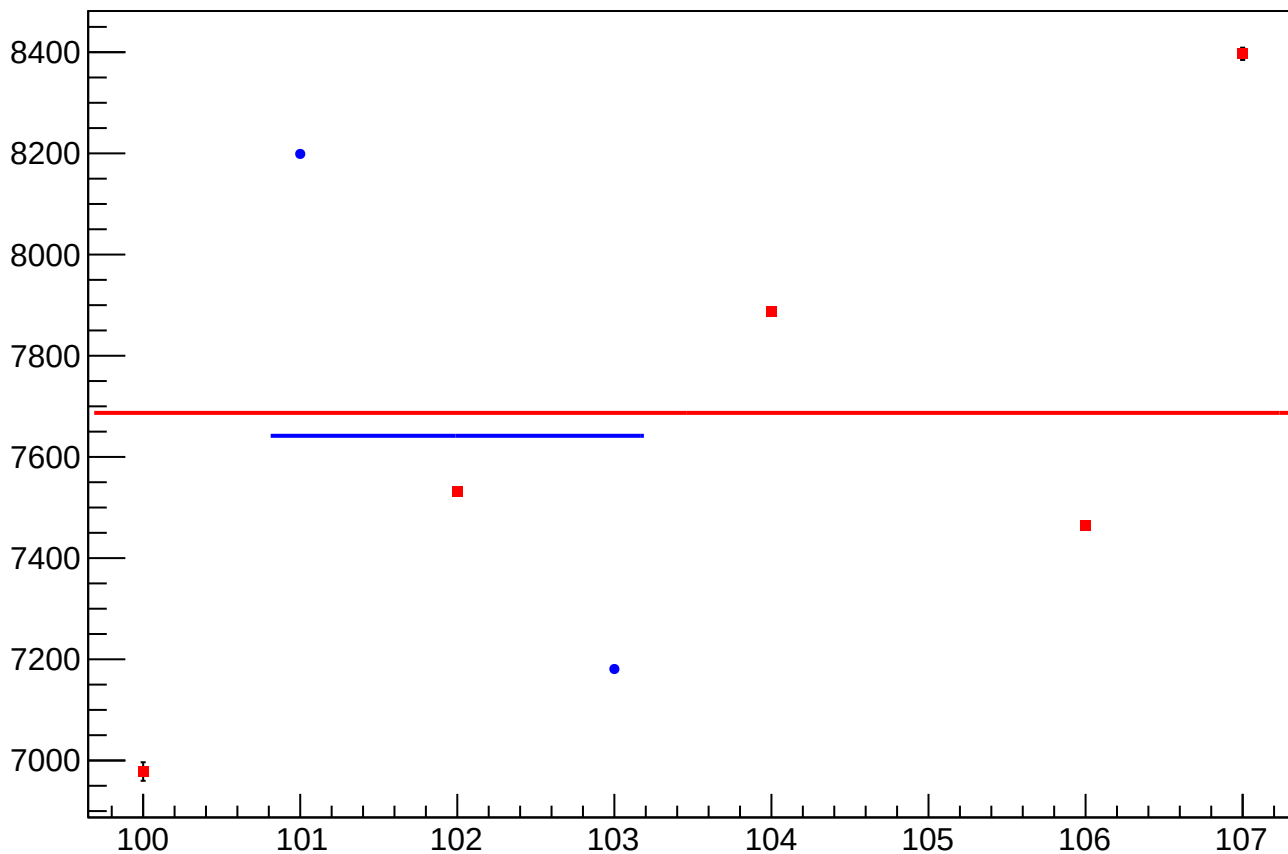
Right: -9.484+/-4.410 χ^2/NDF : 4.8/6

In: -4.304+/-6.831 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.484+/-4.410 χ^2/NDF : 4.8/6

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 7641.784+/-4.830 χ^2/NDF : 11008.5/1

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

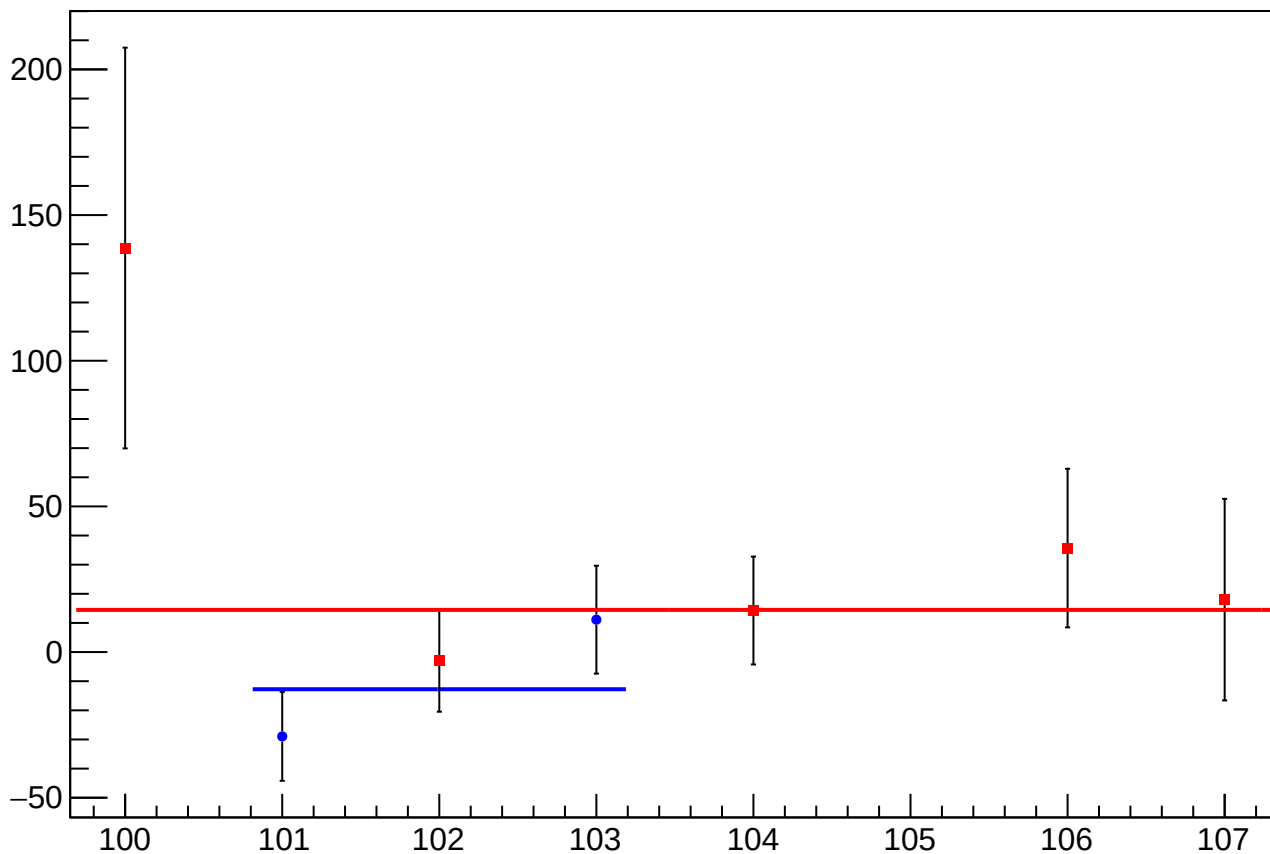
Right: 7668.191+/-3.119 χ^2/NDF : 17740.1/6

In: 7641.784+/-4.830 χ^2/NDF : 11008.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7668.191+/-3.119 χ^2/NDF : 17740.1/6

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: -12.758 $\pm$ 11.771 χ^2 /NDF: 2.8/1

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

Right Out: 14.478 $\pm$ 10.792 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

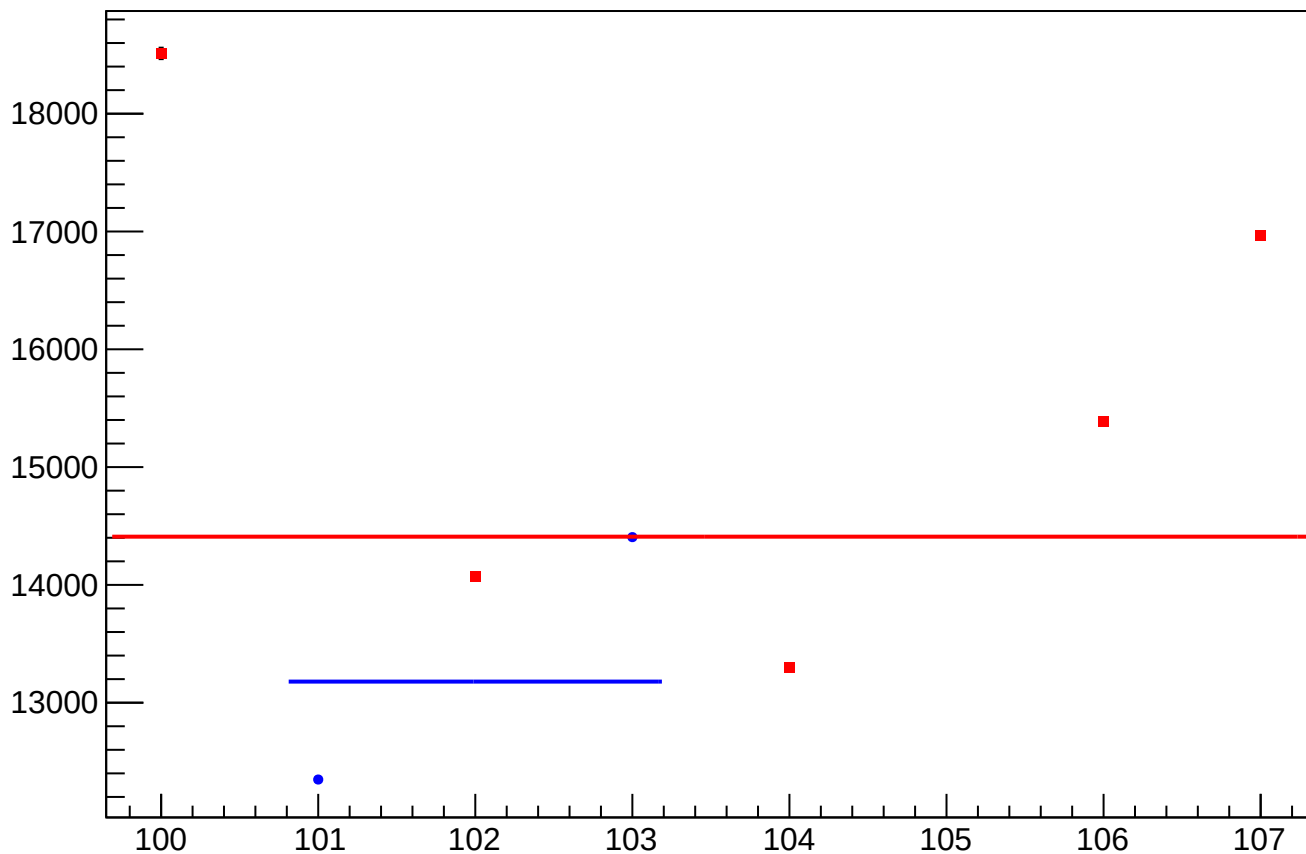
Right: 2.039 $\pm$ 7.955 χ^2 /NDF: 10.6/6

In: -12.758 $\pm$ 11.771 χ^2 /NDF: 2.8/1

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

All: 2.039 $\pm$ 7.955 χ^2 /NDF: 10.6/6

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 13179.124+/-8.323 χ^2/NDF : 14717.8/1

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

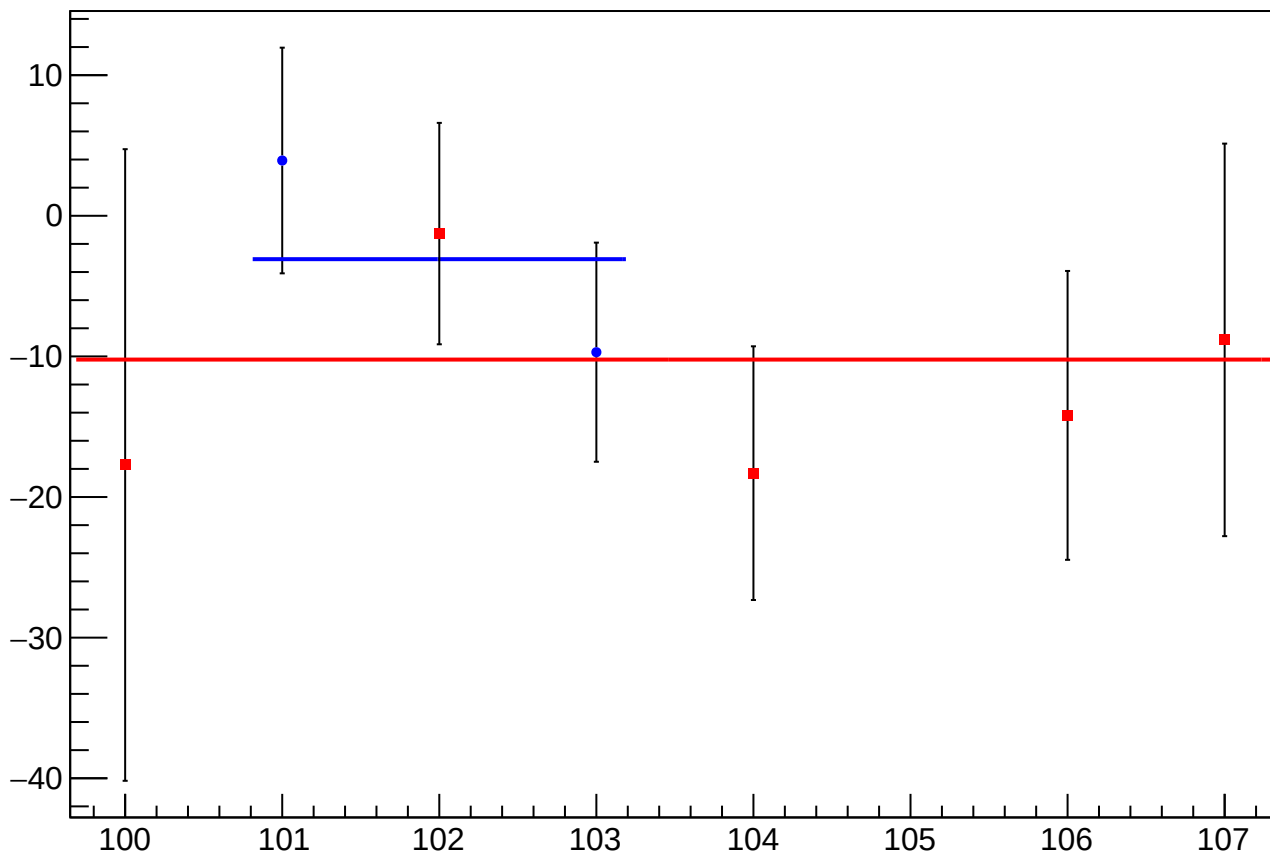
Right: 13847.534+/-5.625 χ^2/NDF : 55145.7/6

In: 13179.124+/-8.323 χ^2/NDF : 14717.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13847.534+/-5.625 χ^2/NDF : 55145.7/6

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -3.085+/-5.590 χ^2/NDF : 1.5/1

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

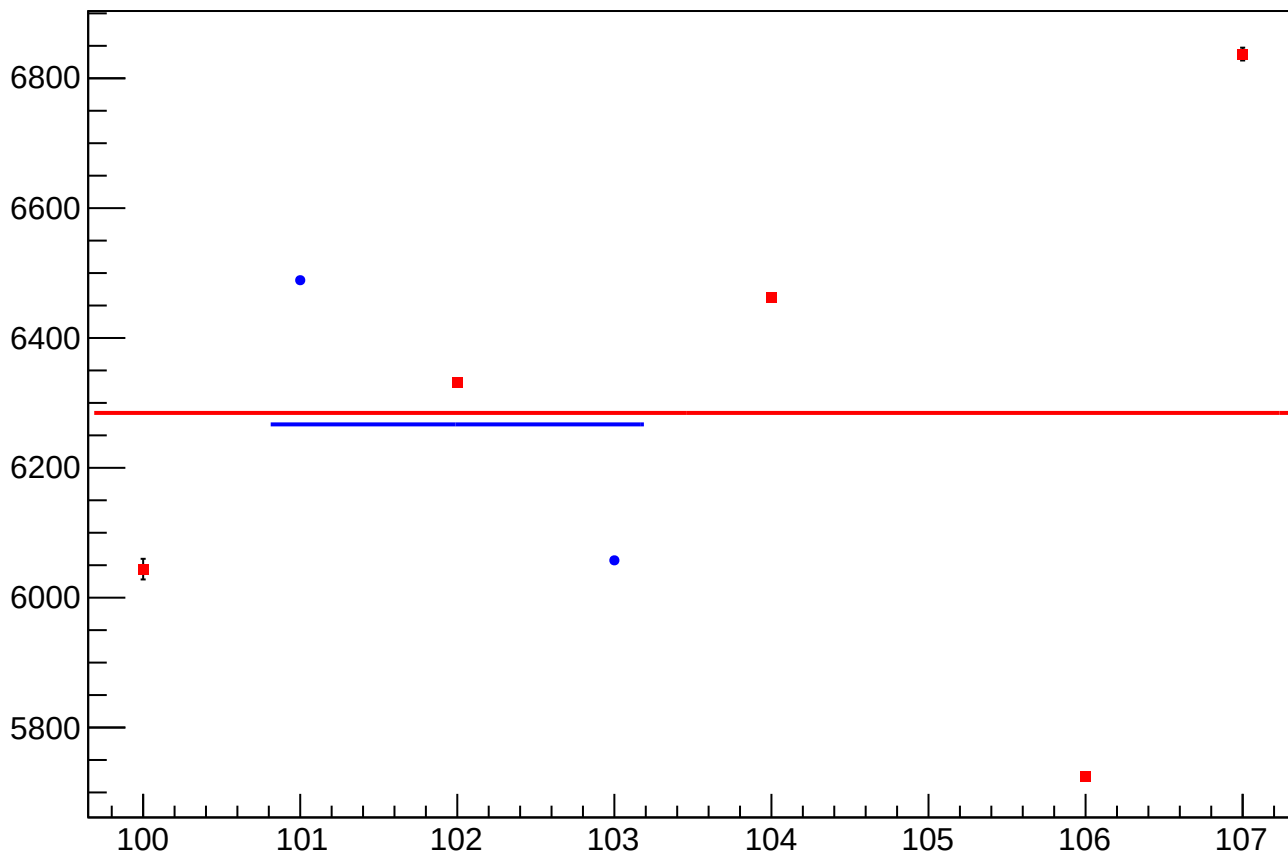
Right: -7.259+/-3.603 χ^2/NDF : 4.8/6

In: -3.085+/-5.590 χ^2/NDF : 1.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.259+/-3.603 χ^2/NDF : 4.8/6

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 6266.915 $\pm$ 3.953 χ^2 /NDF: 2976.7/1

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

Right Out: 6284.568 $\pm$ 3.333 χ^2 /NDF: 10147.5/4

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

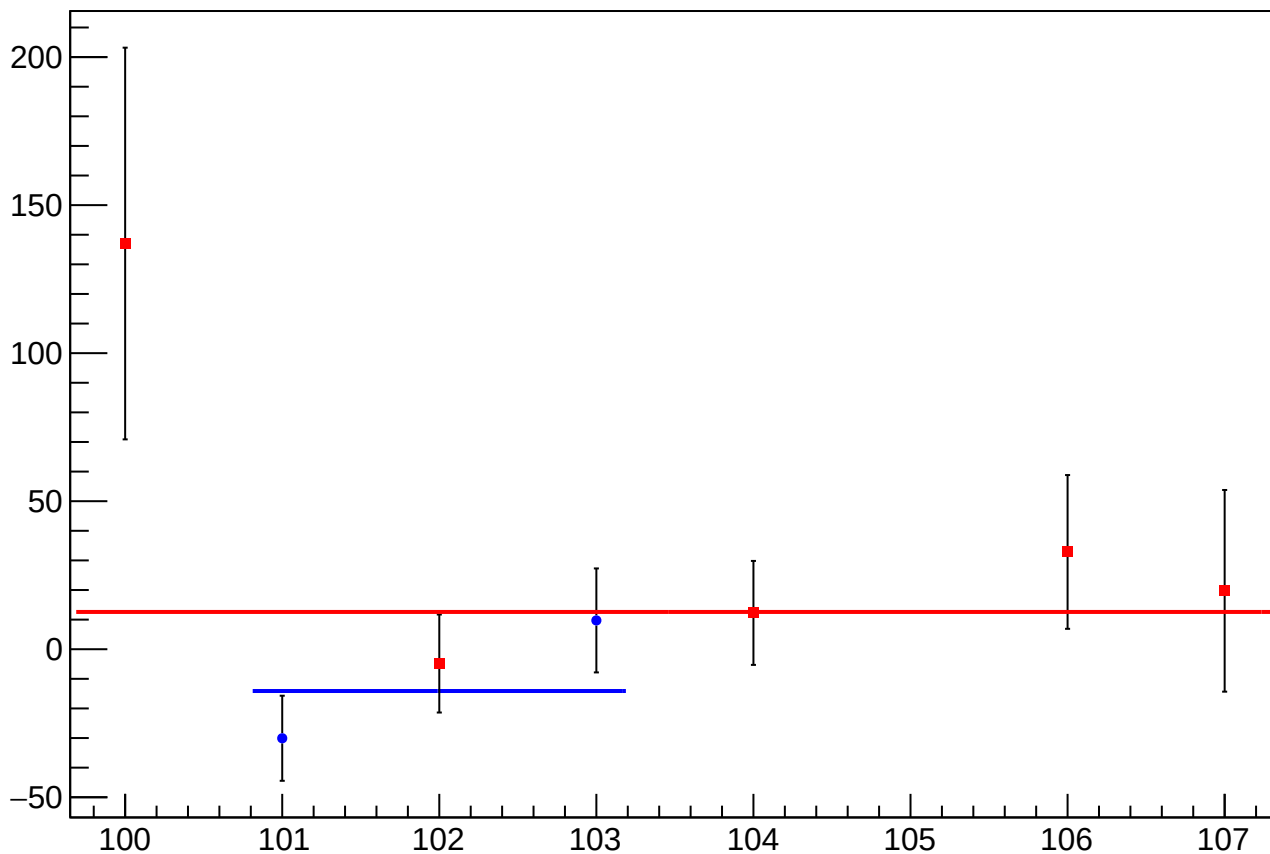
Right: 6277.233 $\pm$ 2.548 χ^2 /NDF: 13135.9/6

In: 6266.915 $\pm$ 3.953 χ^2 /NDF:2976.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 6277.233 $\pm$ 2.548 χ^2 /NDF: 13135.9/6

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -14.113 $\pm$ 11.120 χ^2 /NDF: 3.1/1

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

Right Out: 12.591 $\pm$ 10.278 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

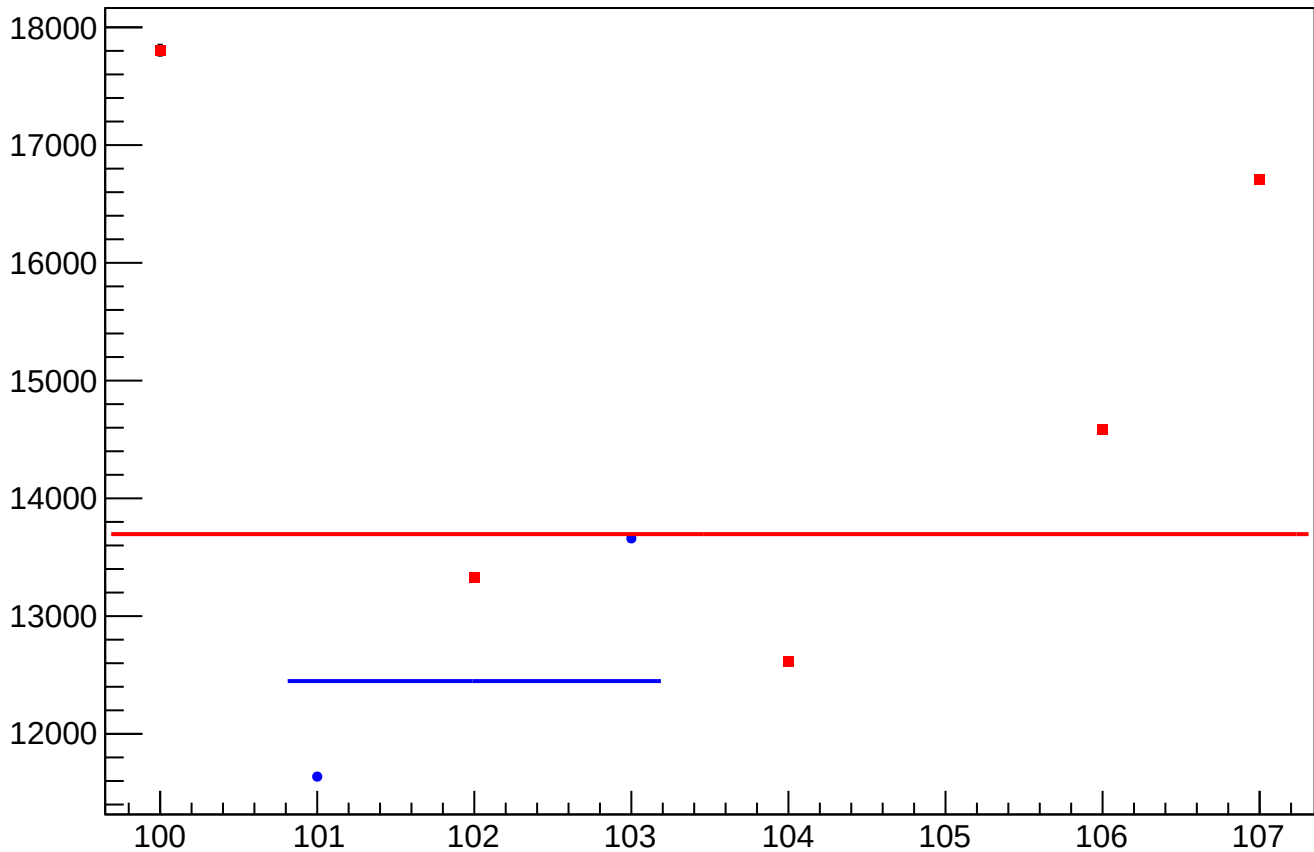
Right: 0.288 $\pm$ 7.548 χ^2 /NDF: 11.5/6

In: -14.113 $\pm$ 11.120 χ^2 /NDF: 3.1/1

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

All: 0.288 $\pm$ 7.548 χ^2 /NDF: 11.5/6

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 12448.325+/-7.863 χ^2/NDF : 15895.4/1

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

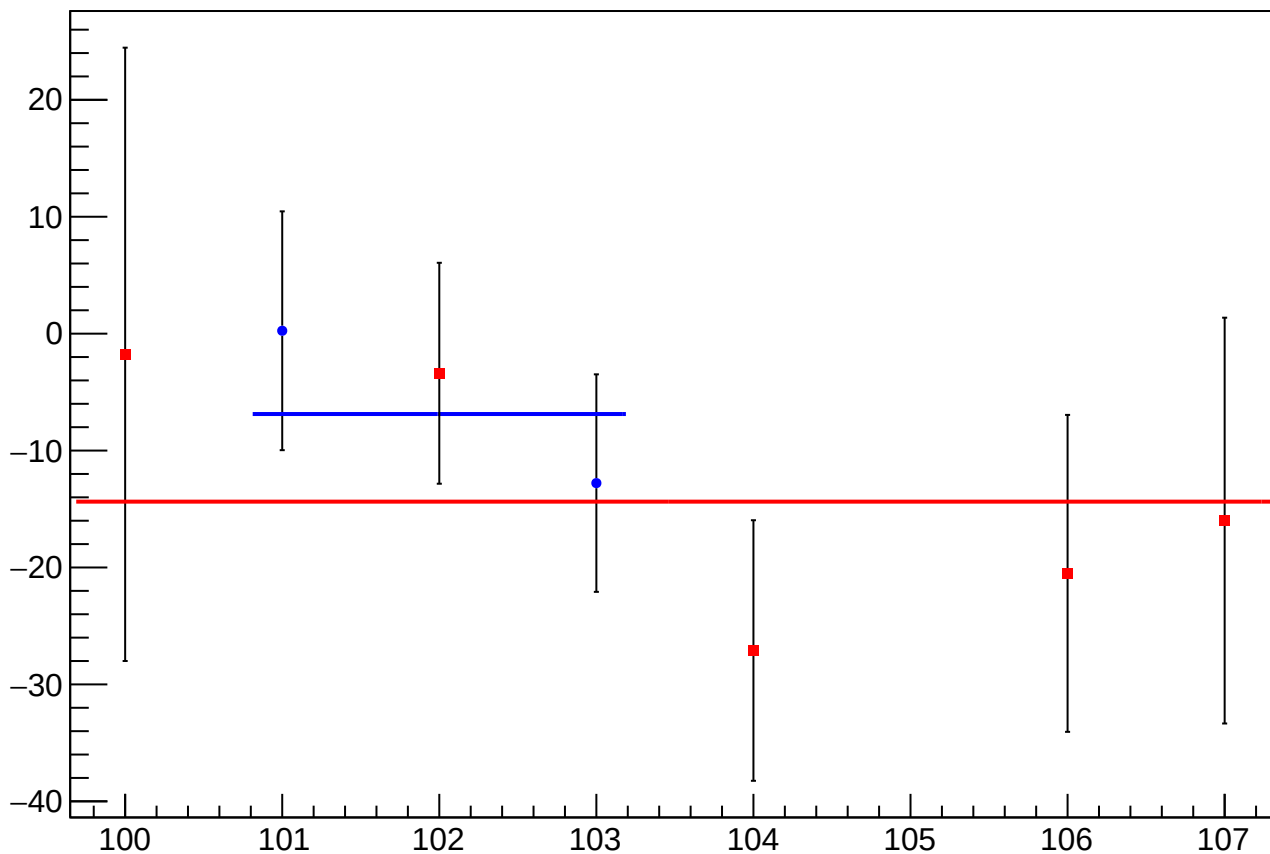
Right: 13121.260+/-5.337 χ^2/NDF : 63836.0/6

In: 12448.325+/-7.863 χ^2/NDF : 15895.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13121.260+/-5.337 χ^2/NDF : 63836.0/6

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -6.874 ± 6.877 χ^2/NDF : 0.9/1

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

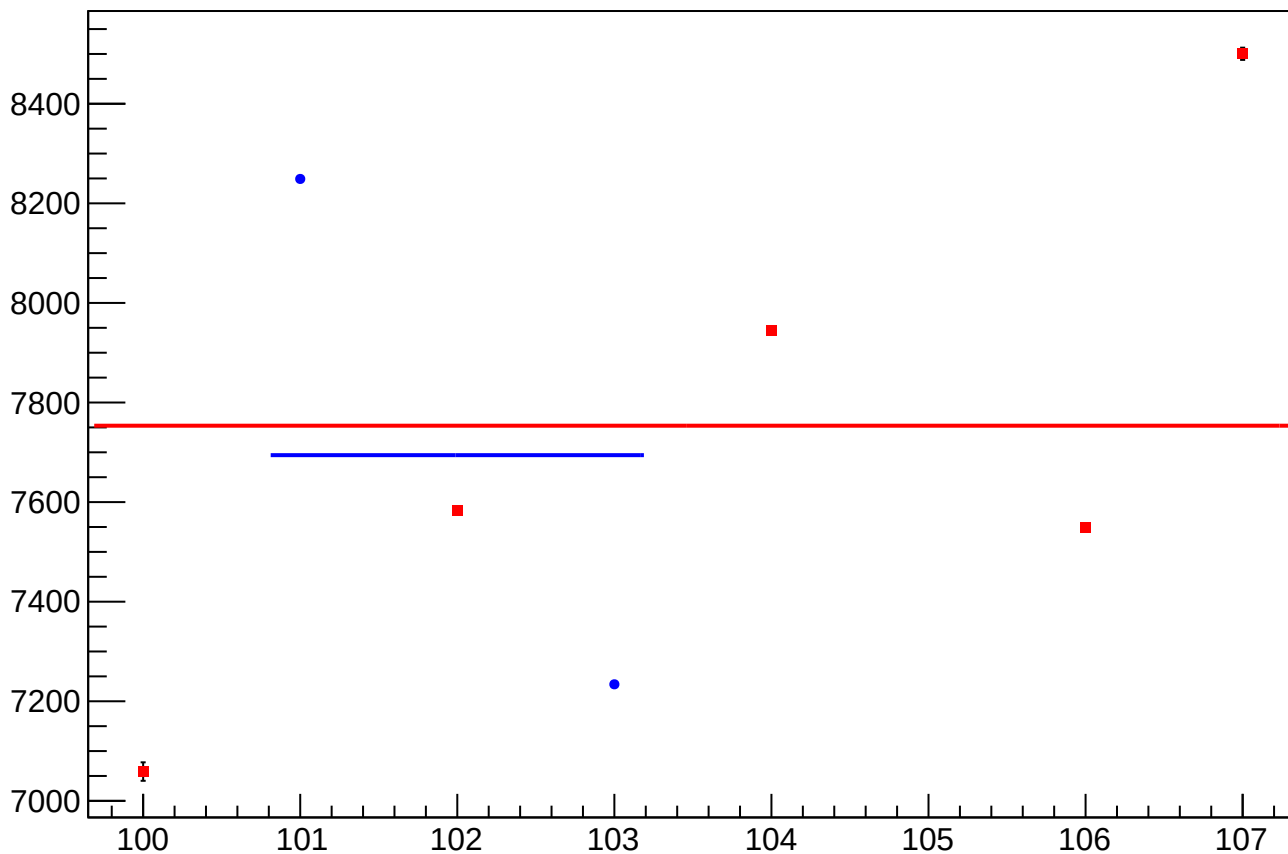
Right: -11.237 ± 4.445 χ^2/NDF : 4.7/6

In: -6.874 ± 6.877 χ^2/NDF : 0.9/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.237 ± 4.445 χ^2/NDF : 4.7/6

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 7694.284+/-4.863 χ^2/NDF : 10795.6/1

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

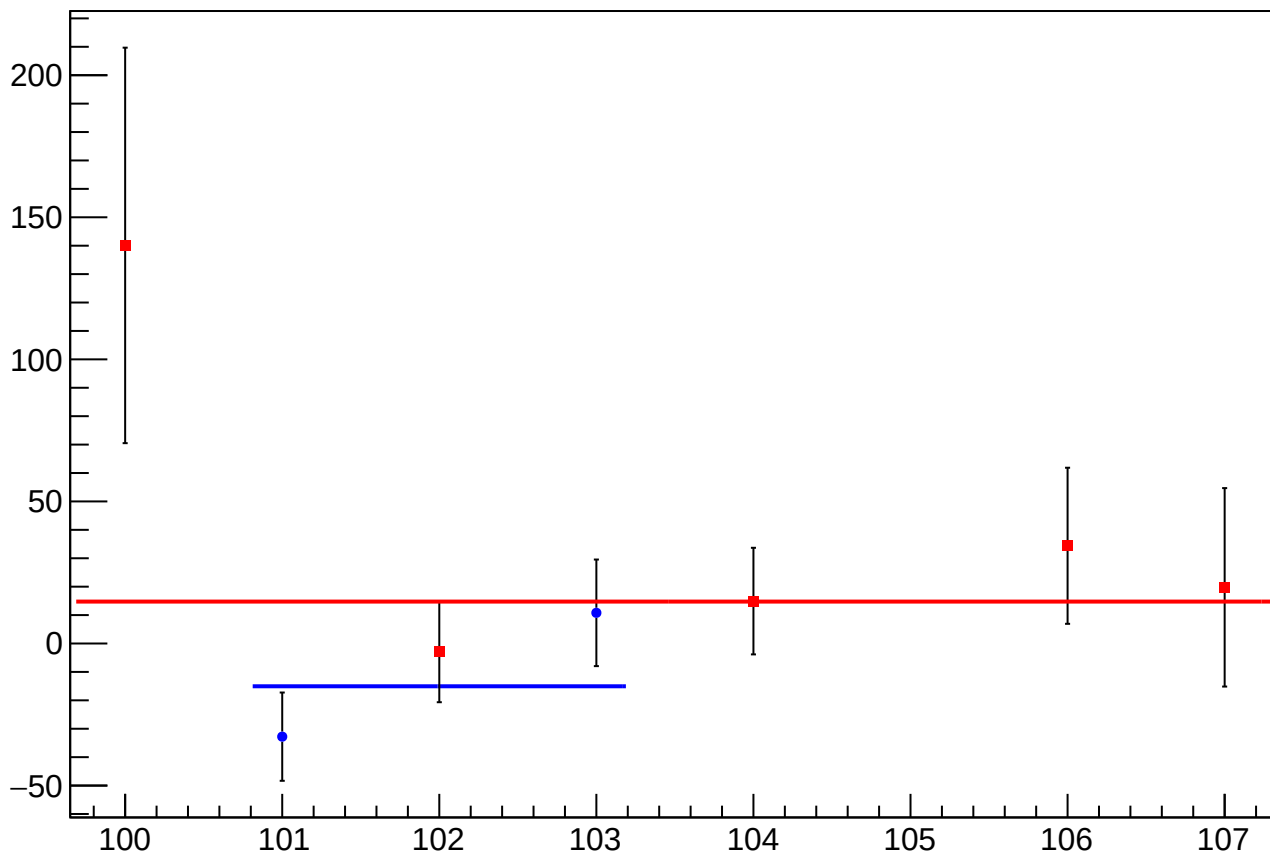
Right: 7728.730+/-3.143 χ^2/NDF : 17682.3/6

In: 7694.284+/-4.863 χ^2/NDF : 10795.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7728.730+/-3.143 χ^2/NDF : 17682.3/6

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -15.055 $\pm$ 11.964 χ^2 /NDF: 3.2/1

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

Right Out: 14.754 $\pm$ 10.921 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

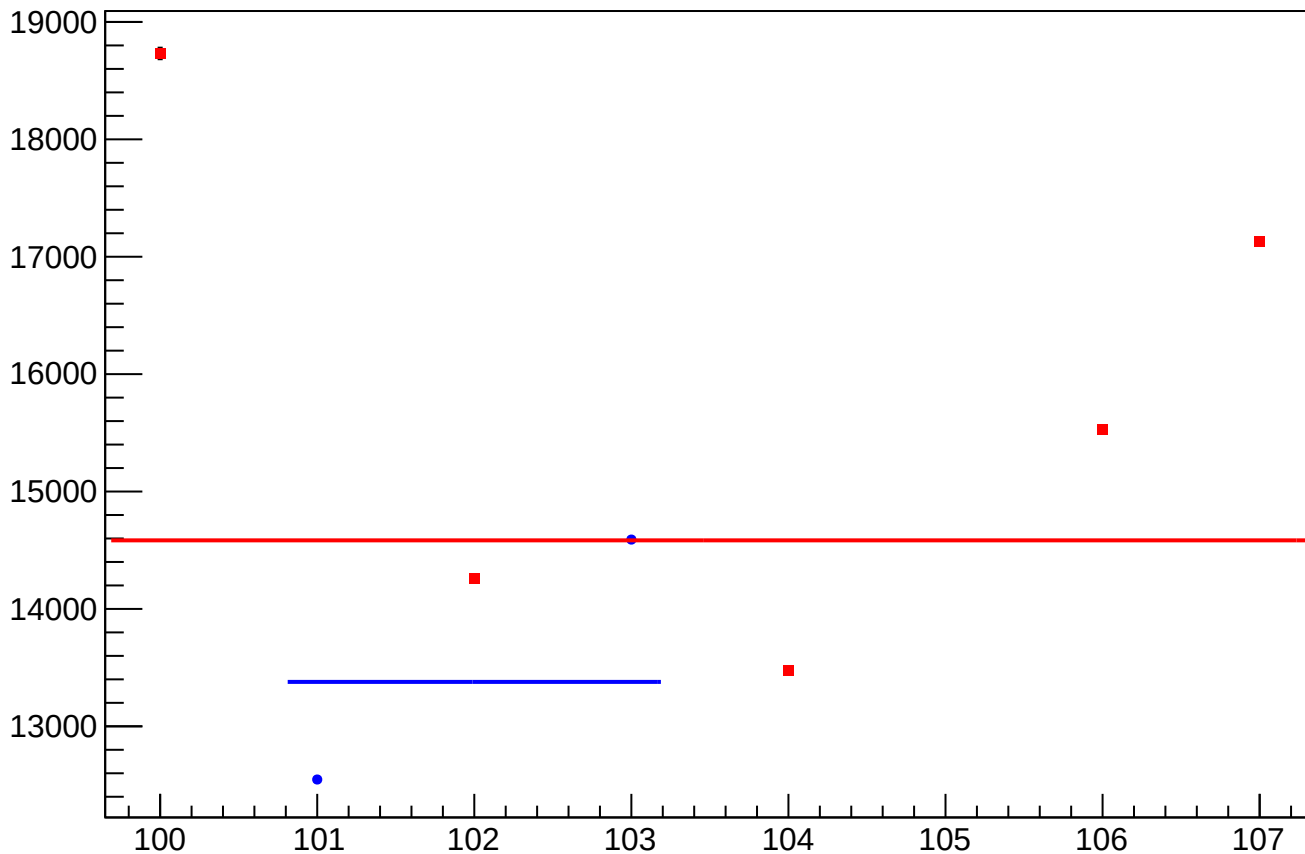
Right: 1.204 $\pm$ 8.066 χ^2 /NDF: 11.4/6

In: -15.055 $\pm$ 11.964 χ^2 /NDF: 3.2/1

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

All: 1.204 $\pm$ 8.066 χ^2 /NDF: 11.4/6

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 13378.385+/-8.460 χ^2/NDF : 14085.7/1

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

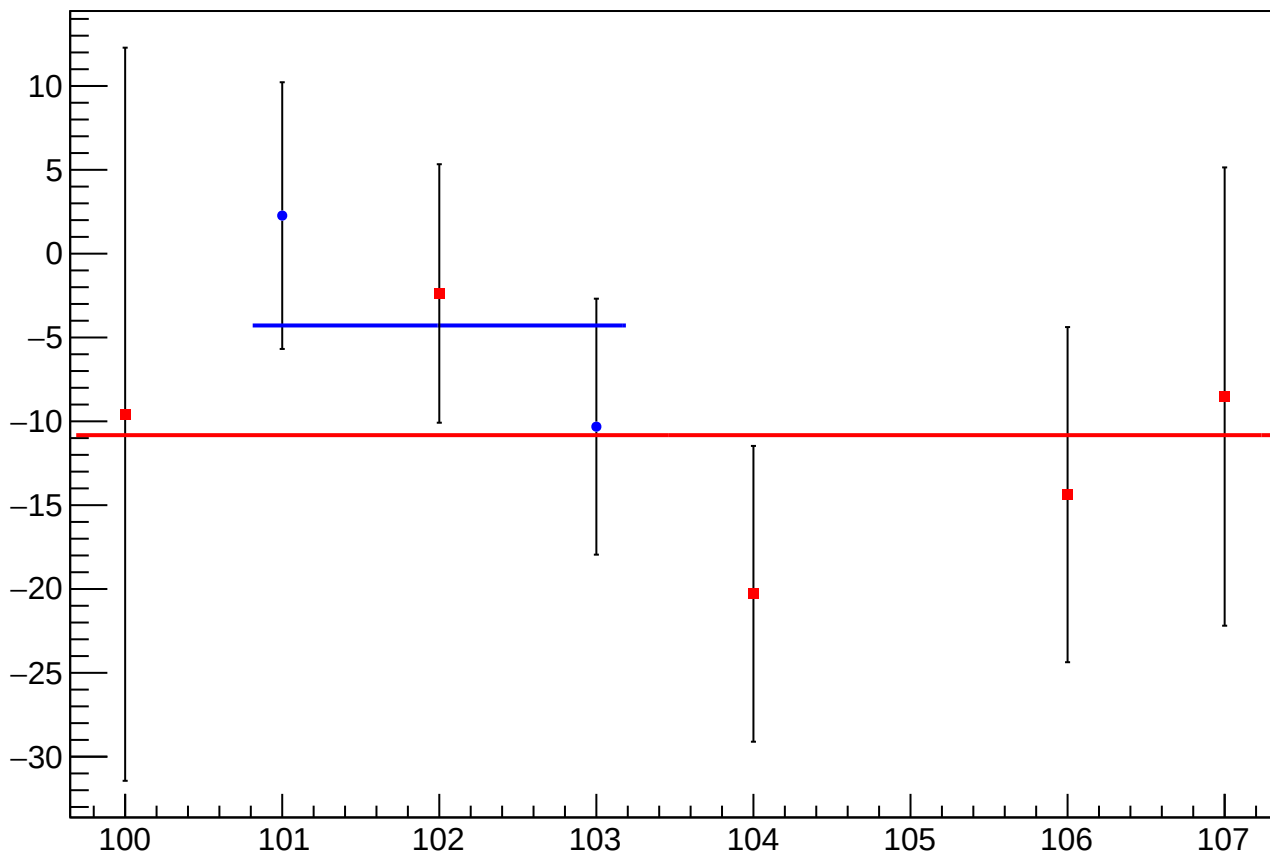
Right: 14036.019+/-5.703 χ^2/NDF : 52961.9/6

In: 13378.385+/-8.460 χ^2/NDF : 14085.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14036.019+/-5.703 χ^2/NDF : 52961.9/6

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -4.283+/-5.507 χ^2/NDF : 1.3/1

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

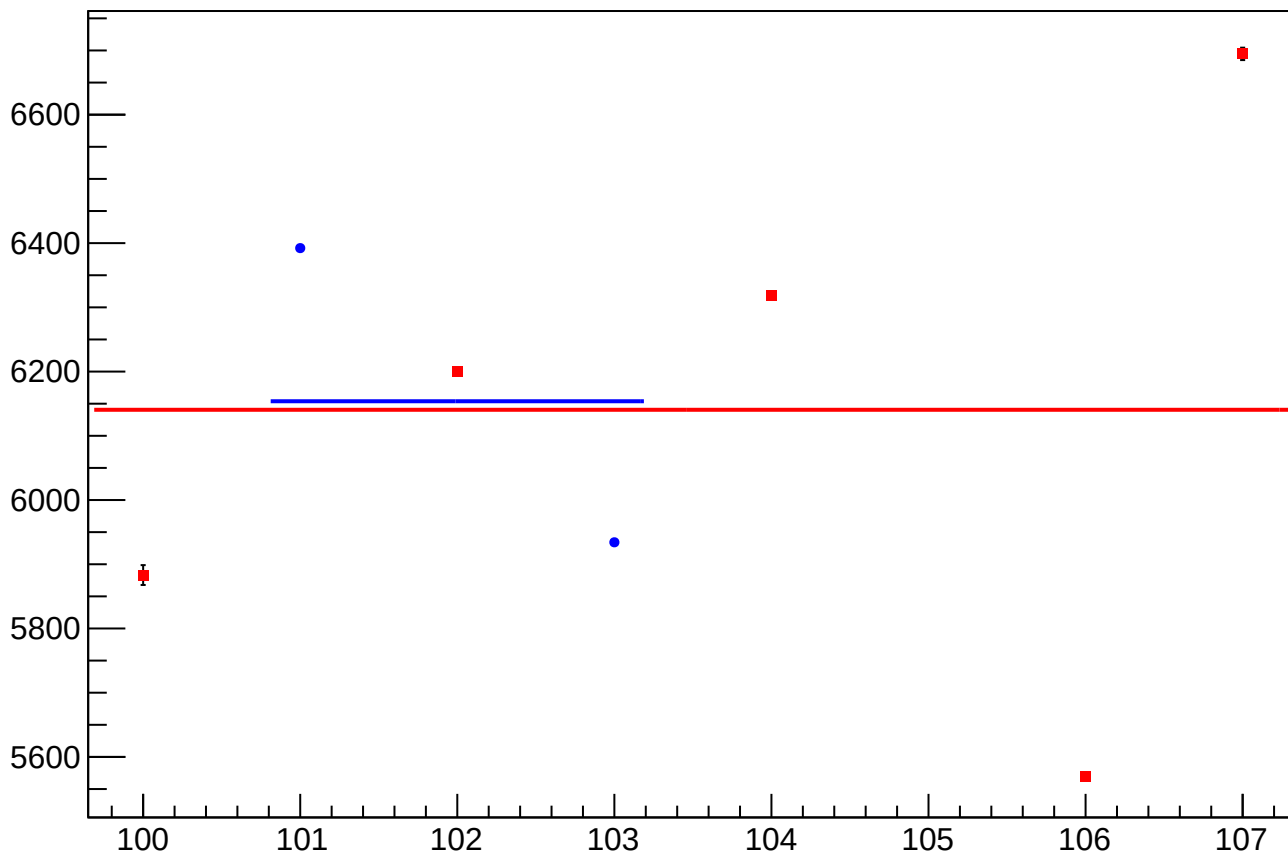
Right: -8.132+/-3.533 χ^2/NDF : 4.6/6

In: -4.283+/-5.507 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.132+/-3.533 χ^2/NDF : 4.6/6

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 6153.804+/-3.894 χ^2/NDF : 3453.4/1

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

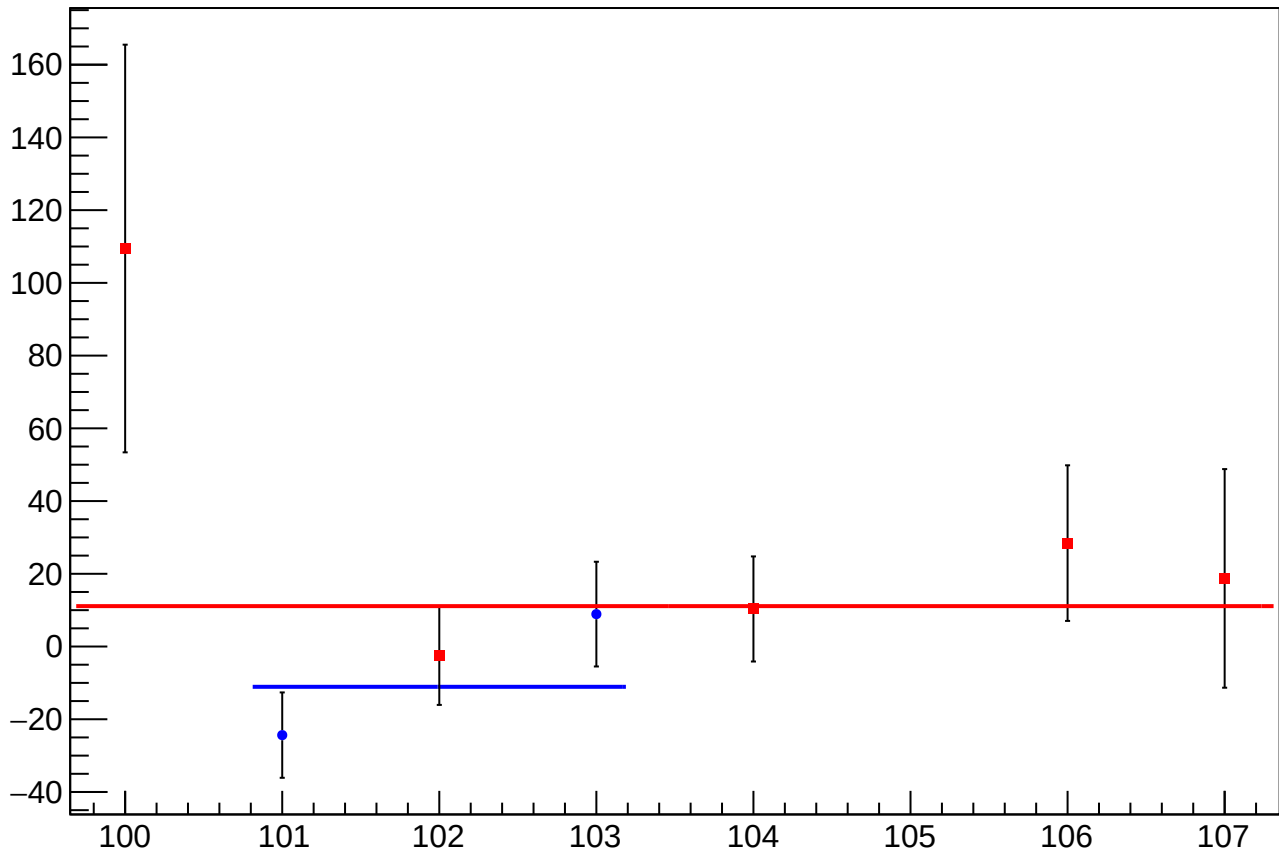
Right: 6145.985+/-2.498 χ^2/NDF : 14480.0/6

In: 6153.804+/-3.894 χ^2/NDF : 3453.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6145.985+/-2.498 χ^2/NDF : 14480.0/6

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -11.077+/-9.099 χ^2/NDF : 3.2/1

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

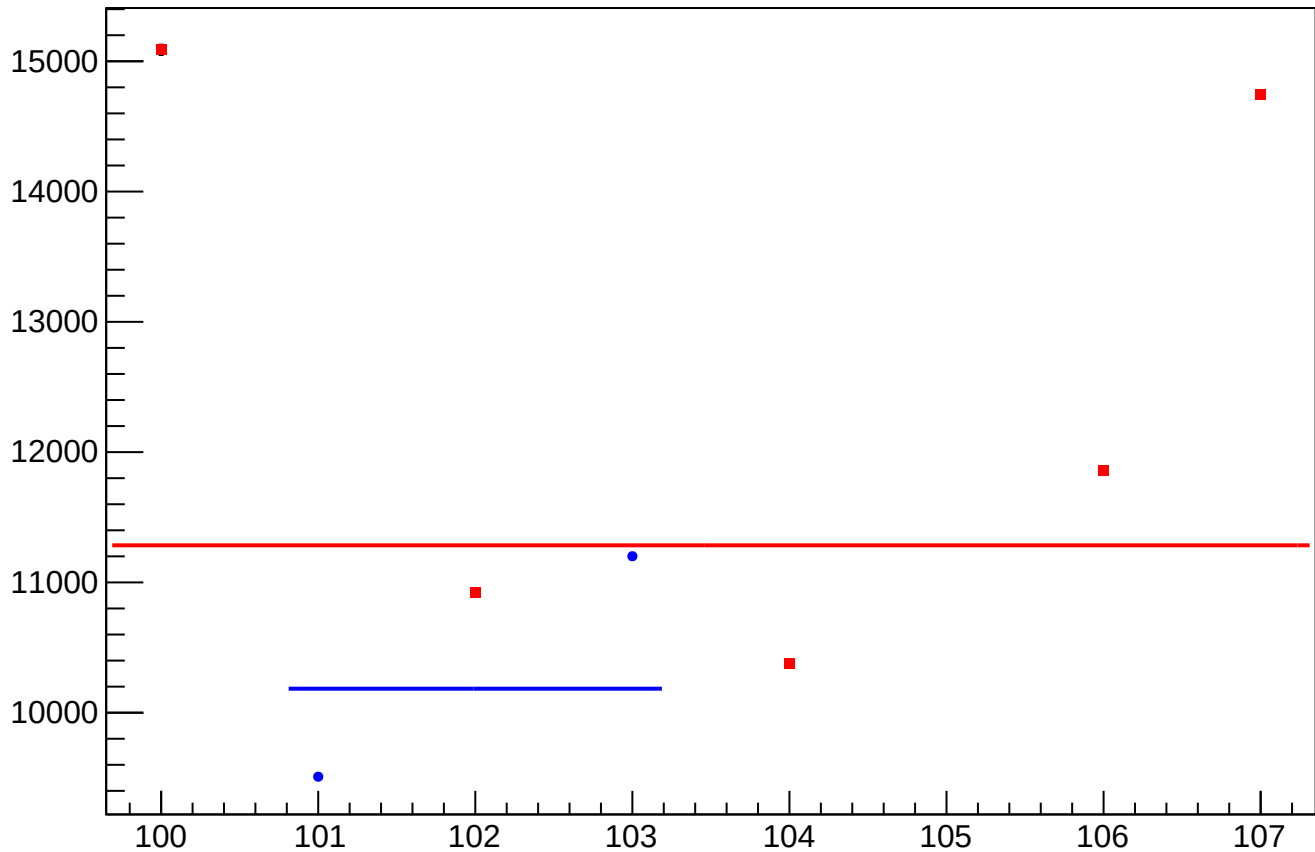
Right: 0.765+/-6.213 χ^2/NDF : 11.2/6

In: -11.077+/-9.099 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.765+/-6.213 χ^2/NDF : 11.2/6

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 10184.264 $\pm$ 6.434 χ^2 /NDF: 16596.8/1

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

Right Out: 11284.708 $\pm$ 6.013 χ^2 /NDF: 46477.5/4

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

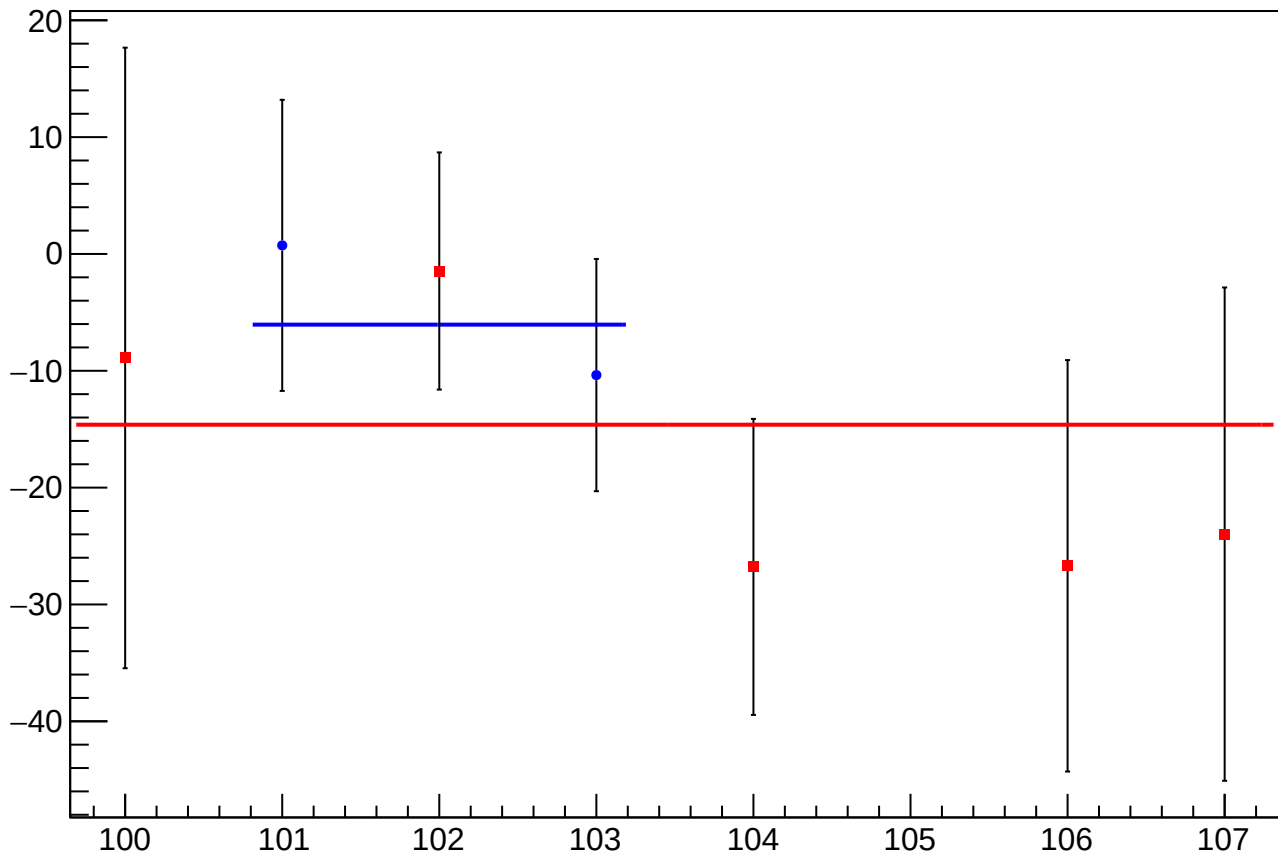
Right: 10771.652 $\pm$ 4.393 χ^2 /NDF: 78690.6/6

In: 10184.264 $\pm$ 6.434 χ^2 /NDF:16596.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 10771.652 $\pm$ 4.393 χ^2 /NDF: 78690.6/6

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: -6.050+/-7.769 χ^2/NDF : 0.5/1

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

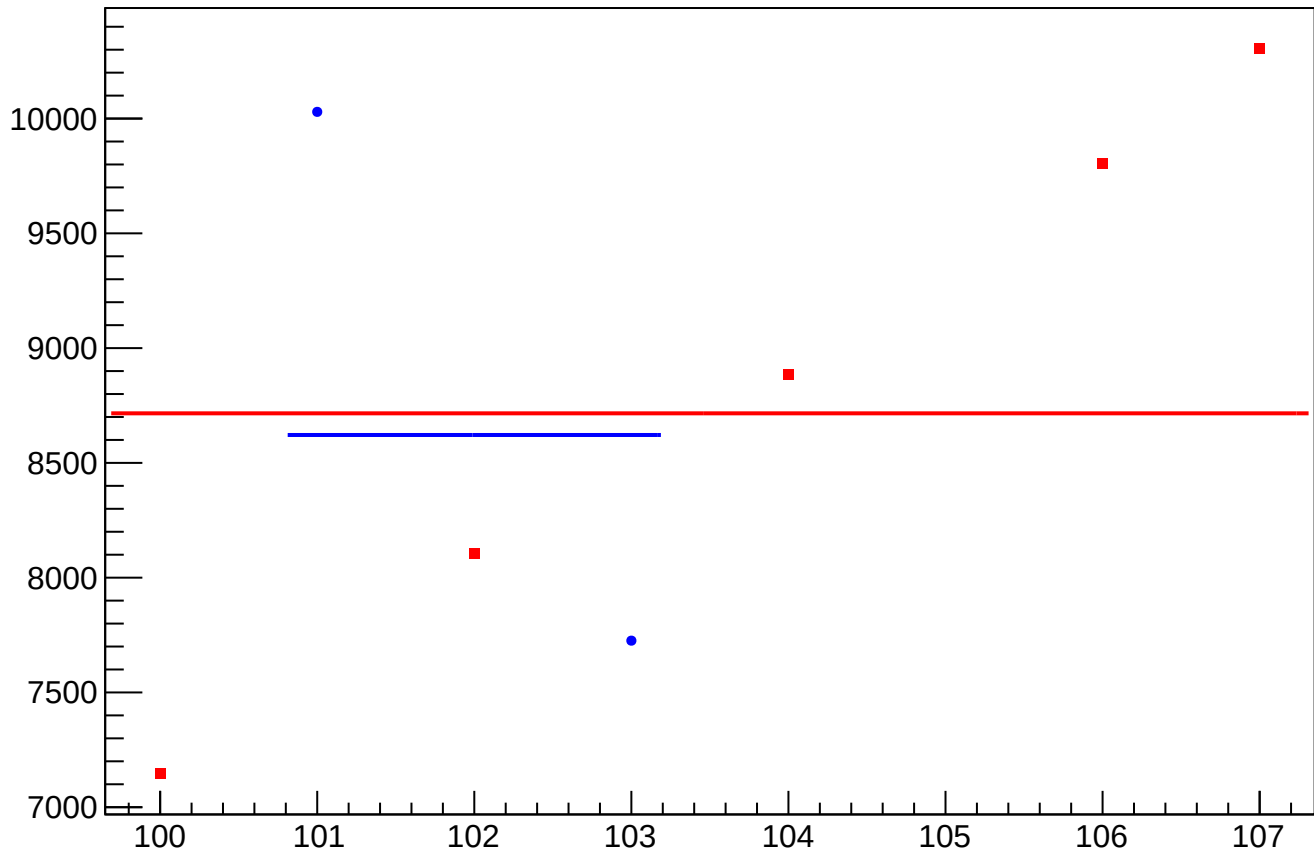
Right: -11.012+/-5.039 χ^2/NDF : 4.5/6

In: -6.050+/-7.769 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.012+/-5.039 χ^2/NDF : 4.5/6

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 8621.570+/-5.494 χ^2/NDF : 41787.7/1

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

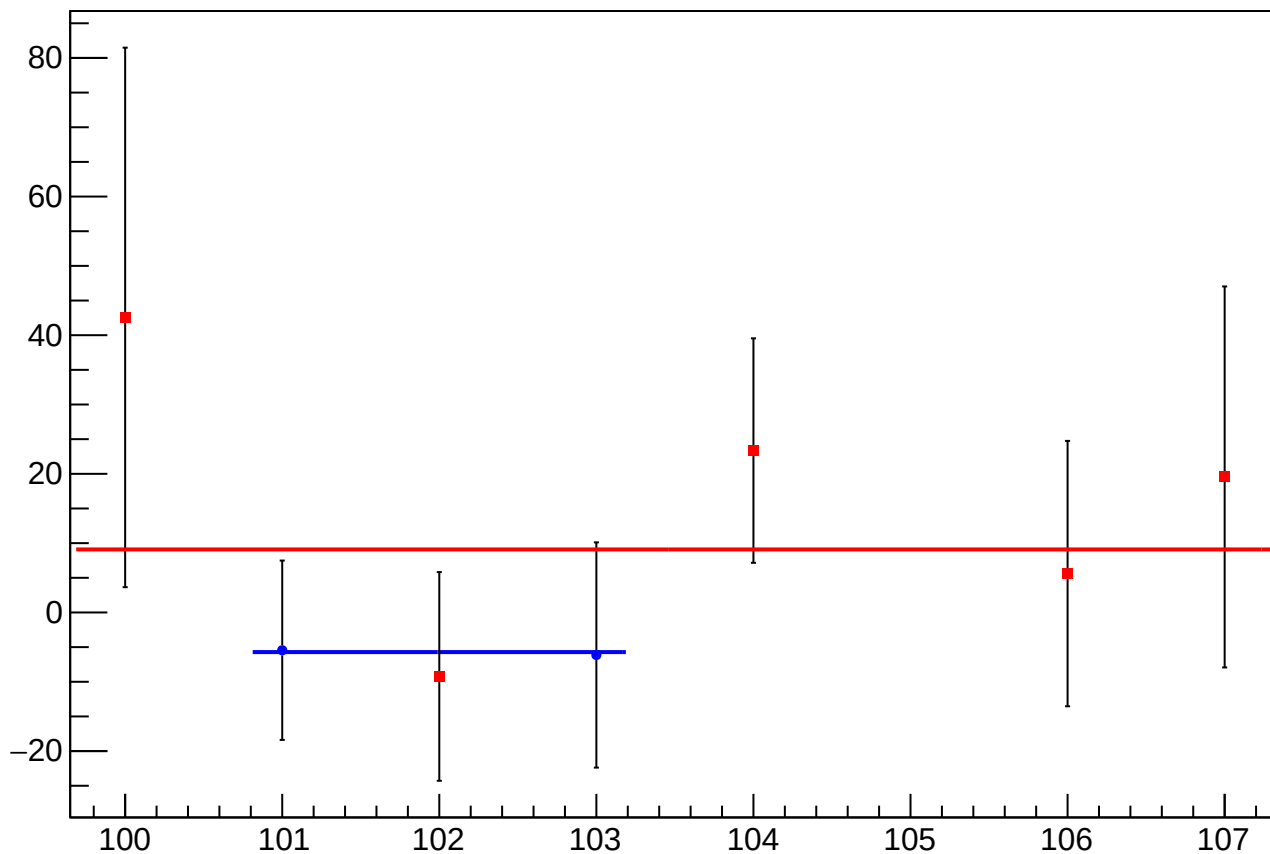
Right: 8676.233+/-3.563 χ^2/NDF : 75534.7/6

In: 8621.570+/-5.494 χ^2/NDF : 41787.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8676.233+/-3.563 χ^2/NDF : 75534.7/6

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -5.716+/-10.120 χ^2/NDF : 0.0/1

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

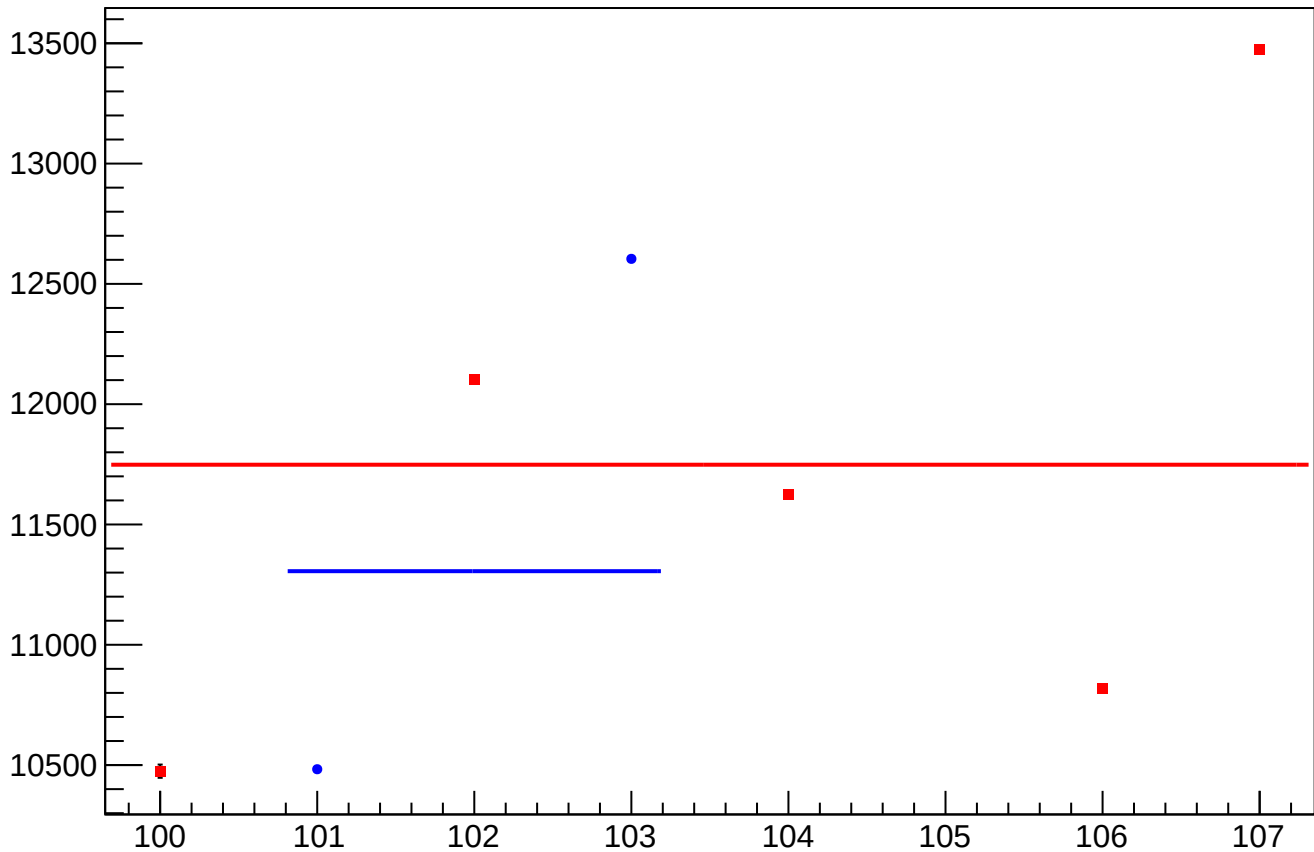
Right: 2.724+/-6.637 χ^2/NDF : 4.4/6

In: -5.716+/-10.120 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.724+/-6.637 χ^2/NDF : 4.4/6

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11305.903+/-7.156 χ^2/NDF : 20866.0/1

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

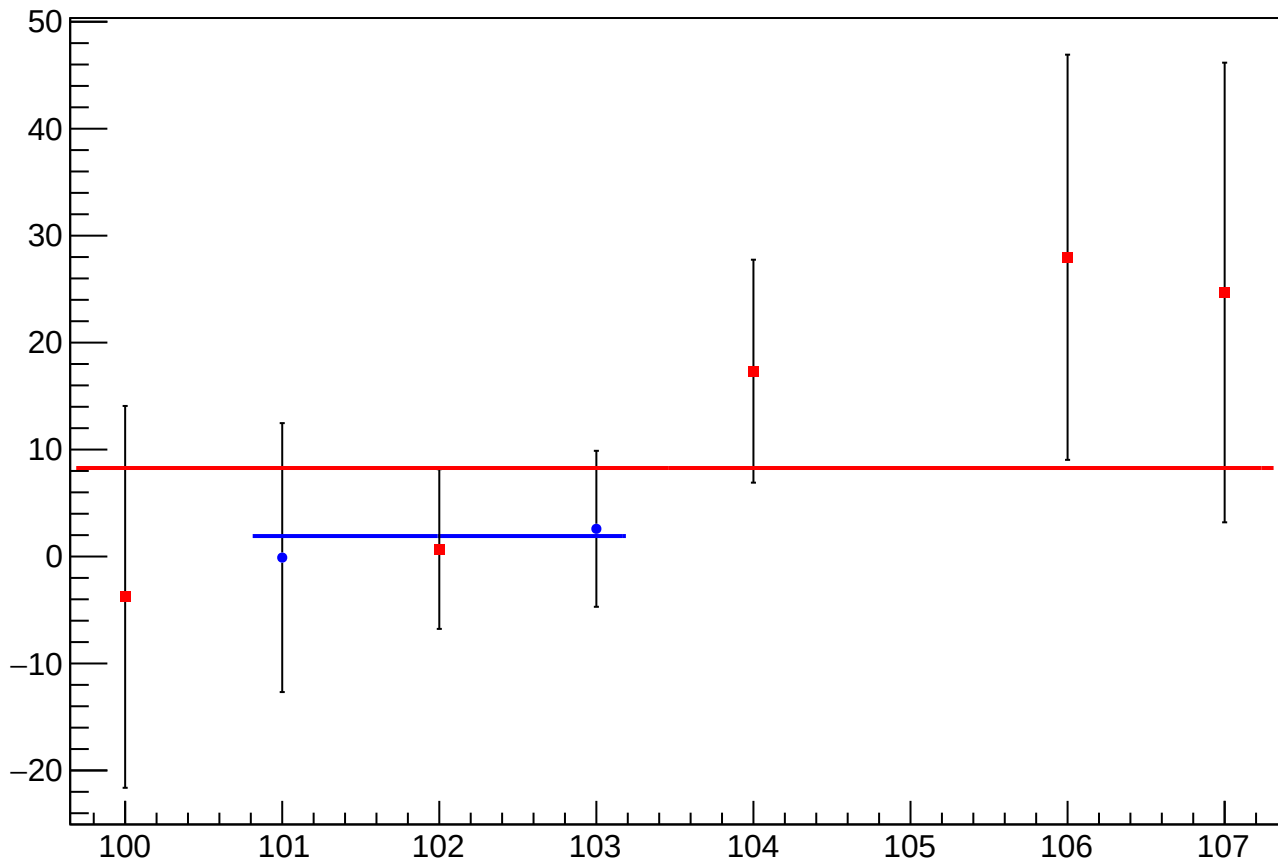
Right: 11558.084+/-4.693 χ^2/NDF : 39015.9/6

In: 11305.903+/-7.156 χ^2/NDF : 20866.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11558.084+/-4.693 χ^2/NDF : 39015.9/6

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: 1.915+/-6.308 χ^2/NDF : 0.0/1

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

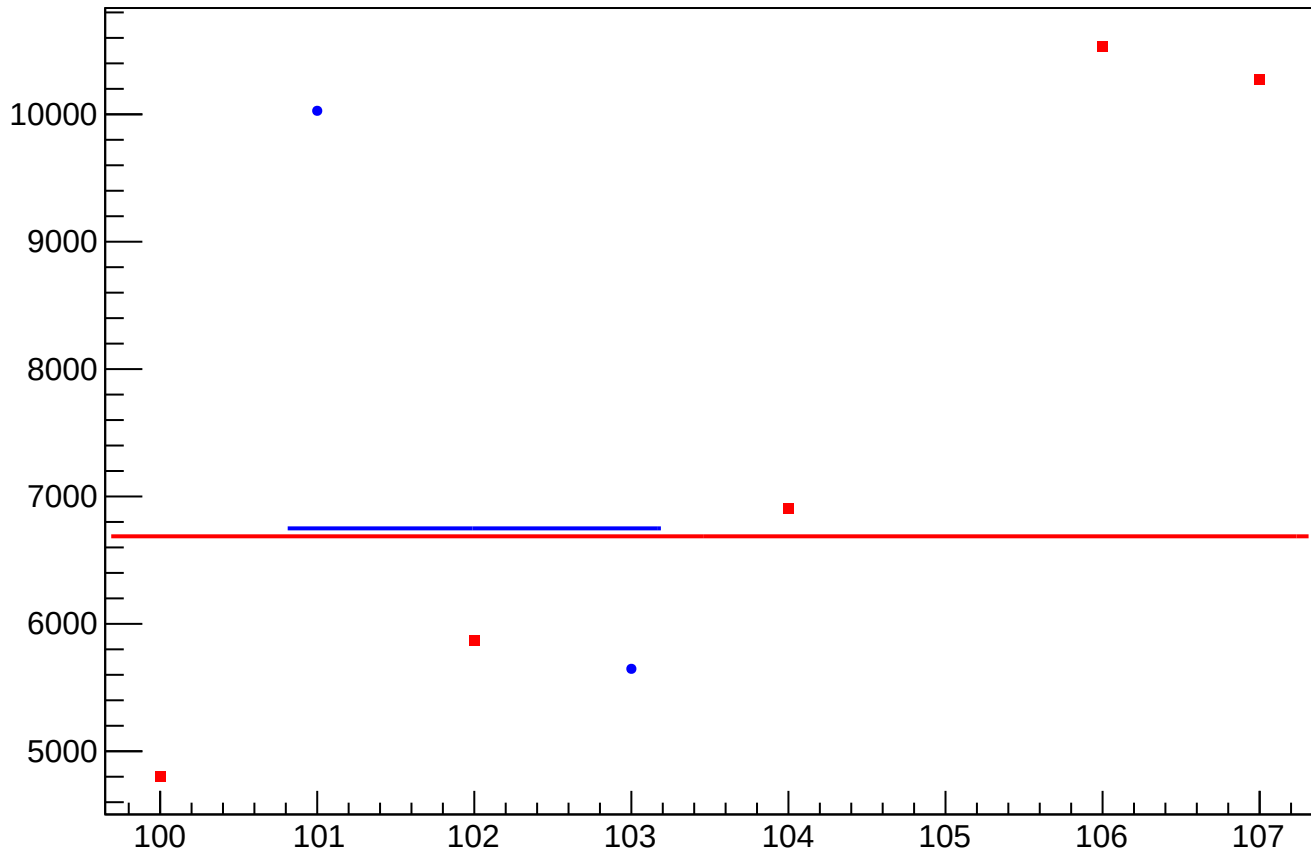
Right: 5.628+/-4.070 χ^2/NDF : 4.5/6

In: 1.915+/-6.308 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.628+/-4.070 χ^2/NDF : 4.5/6

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 6749.644+/-4.460 χ^2/NDF : 181689.8/1

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

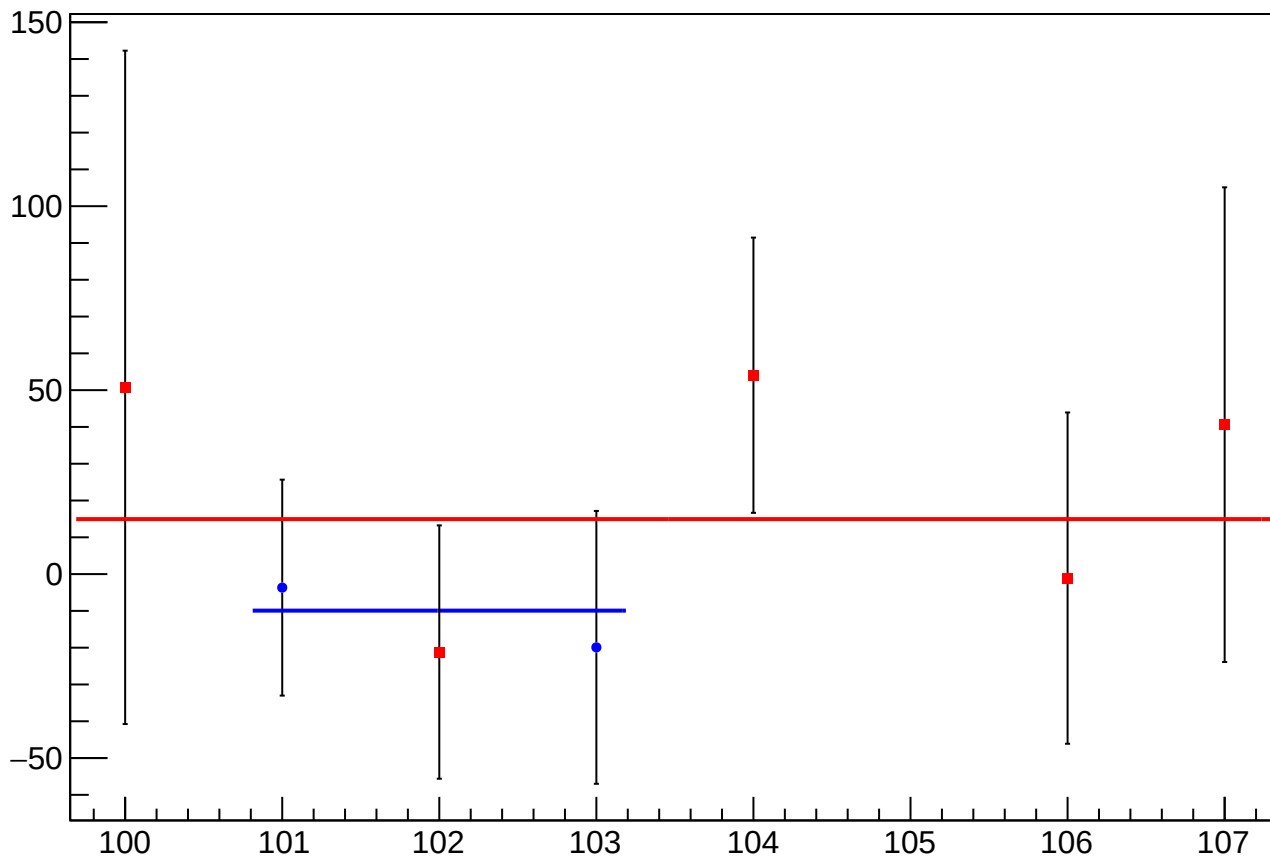
Right: 6713.234+/-2.878 χ^2/NDF : 366907.1/6

In: 6749.644+/-4.460 χ^2/NDF : 181689.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6713.234+/-2.878 χ^2/NDF : 366907.1/6

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -9.929 $\pm$ 23.012 χ^2 /NDF: 0.1/1

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

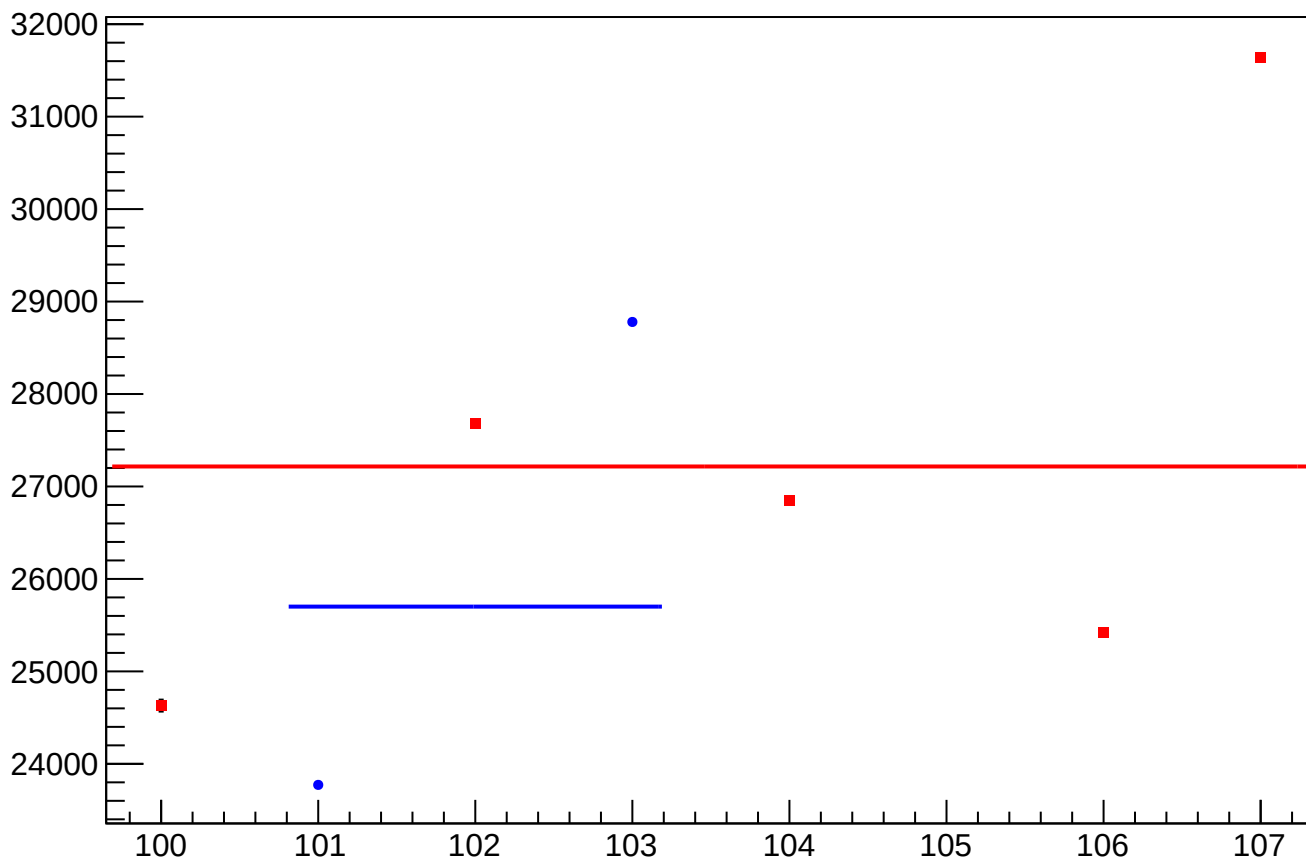
Right: 4.022 $\pm$ 15.250 χ^2 /NDF: 3.4/6

In: -9.929 $\pm$ 23.012 χ^2 /NDF: 0.1/1

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

All: 4.022 $\pm$ 15.250 χ^2 /NDF: 3.4/6

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 25700.668+/-16.272 χ^2/NDF : 22420.2/1

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

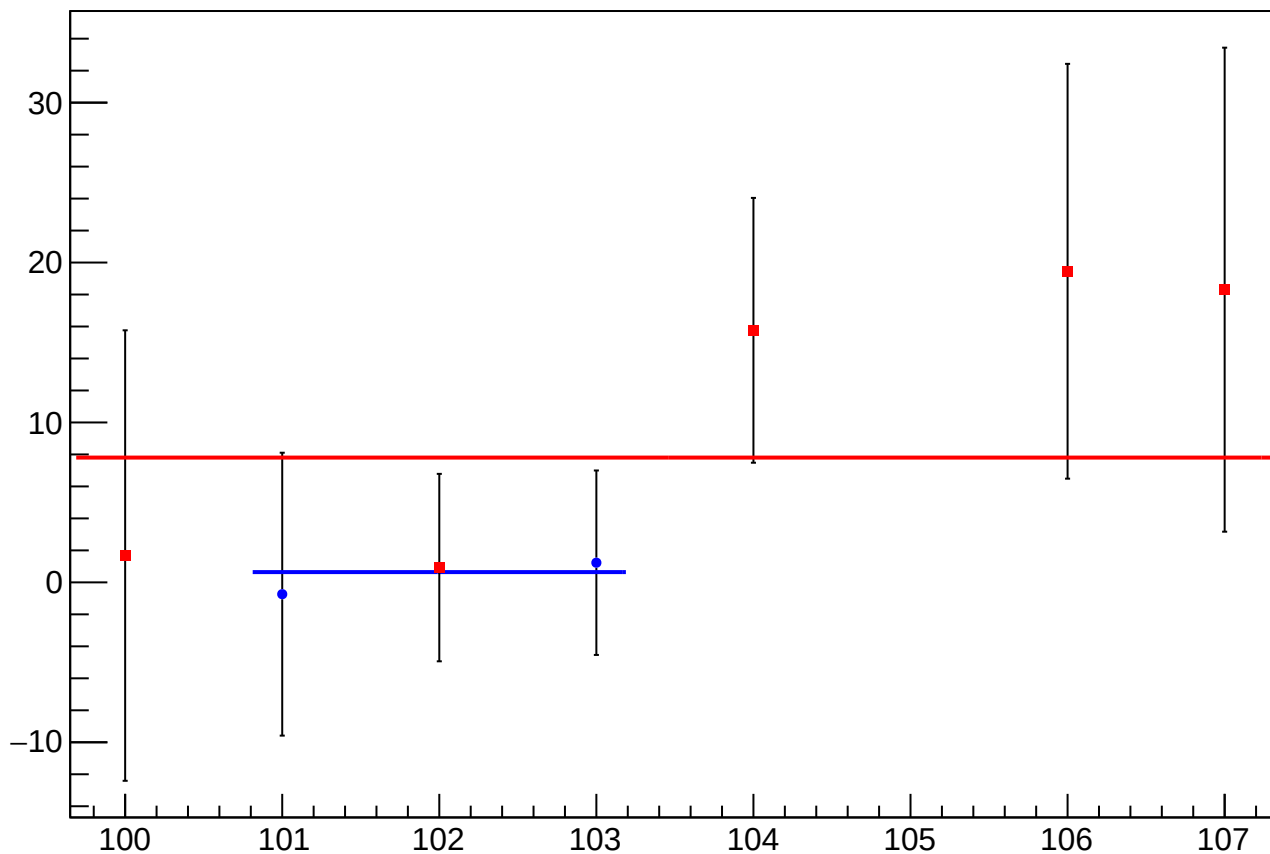
Right: 26550.603+/-10.783 χ^2/NDF : 41999.1/6

In: 25700.668+/-16.272 χ^2/NDF : 22420.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26550.603+/-10.783 χ^2/NDF : 41999.1/6

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.642 $\pm$ 4.831 χ^2 /NDF: 0.0/1

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

Right Out: 7.804 $\pm$ 4.115 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

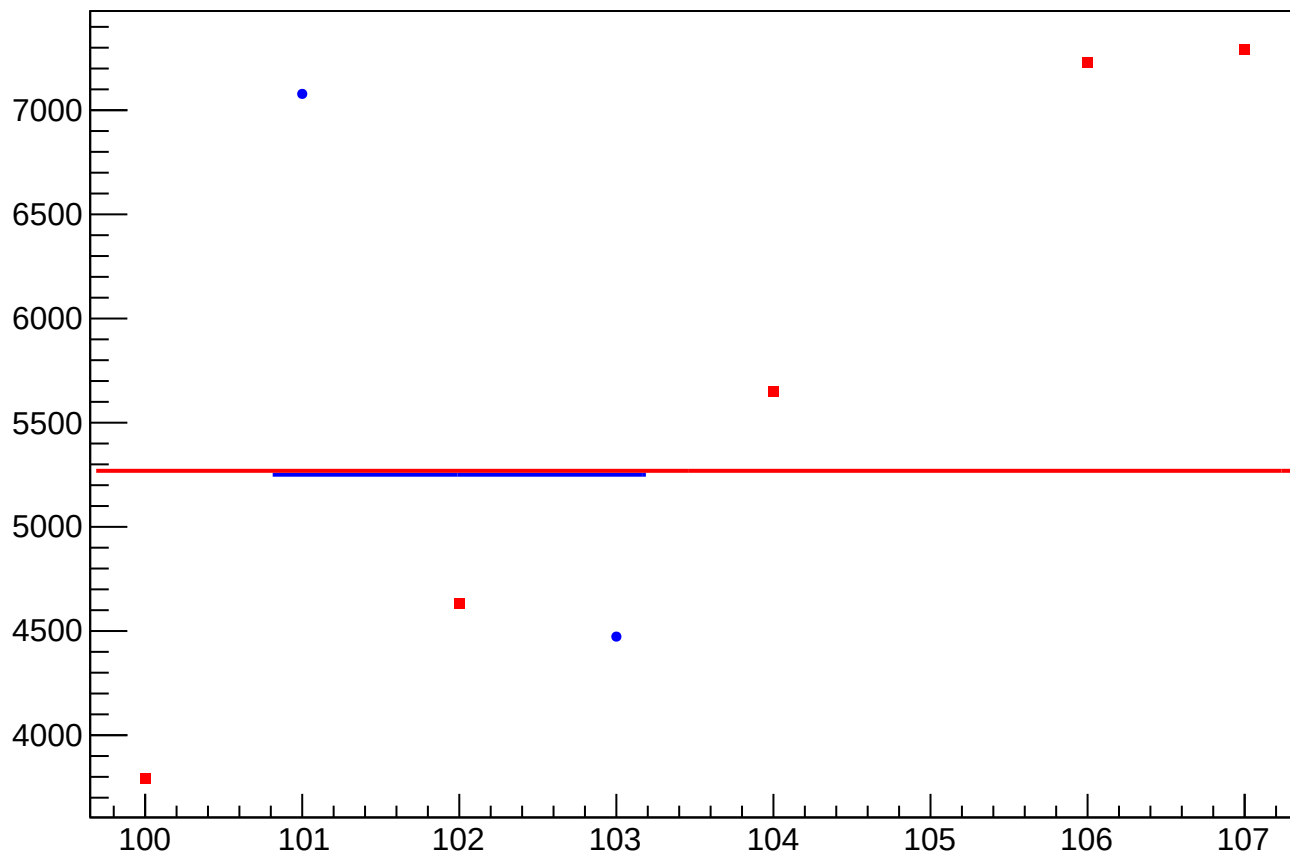
Right: 4.793 $\pm$ 3.133 χ^2 /NDF: 5.1/6

In: 0.642 $\pm$ 4.831 χ^2 /NDF: 0.0/1

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

All: 4.793 $\pm$ 3.133 χ^2 /NDF: 5.1/6

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 5250.389+/-3.416 χ^2/NDF : 121718.9/1

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

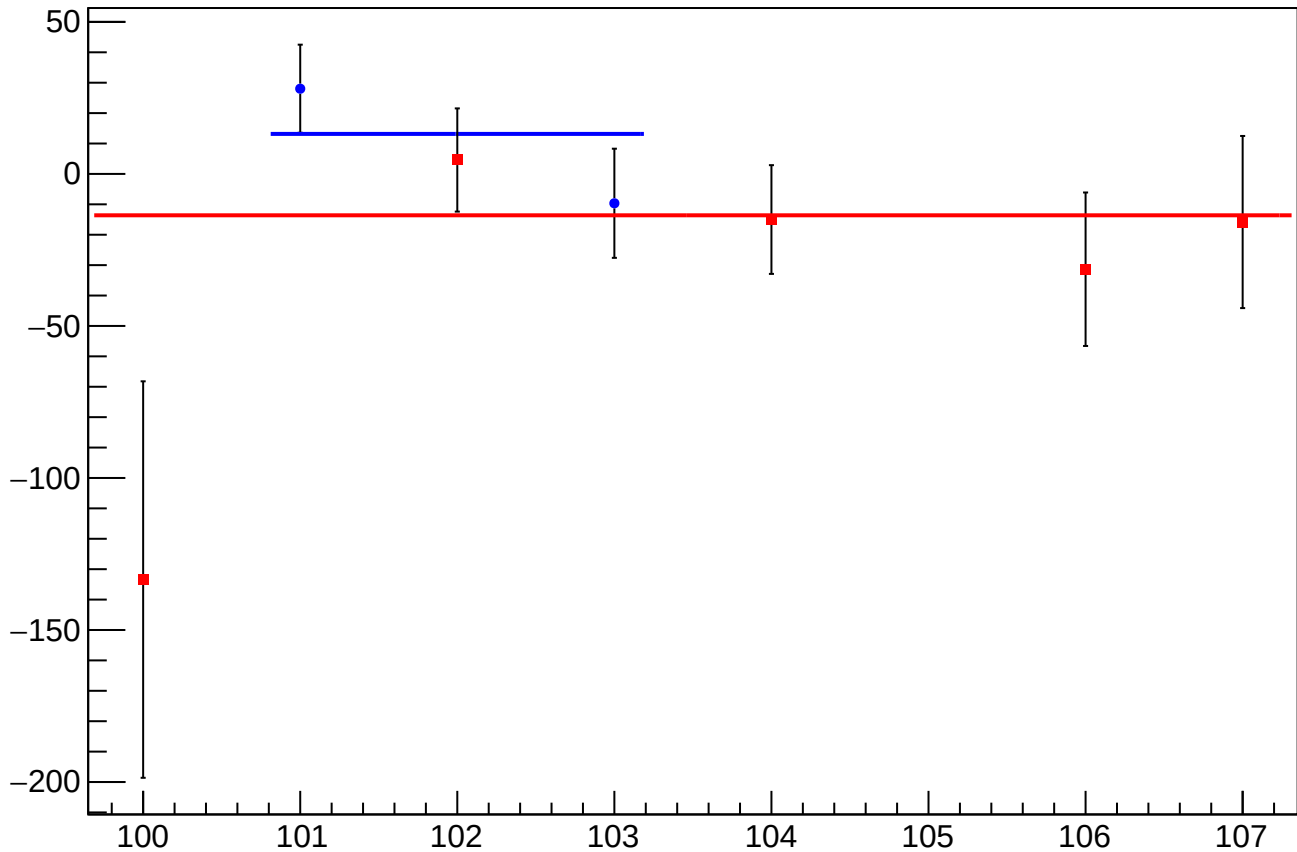
Right: 5261.191+/-2.215 χ^2/NDF : 253001.2/6

In: 5250.389+/-3.416 χ^2/NDF : 121718.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5261.191+/-2.215 χ^2/NDF : 253001.2/6

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: 13.159+/-11.273 χ^2/NDF : 2.7/1

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

Right Out: -13.610+/-10.179 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

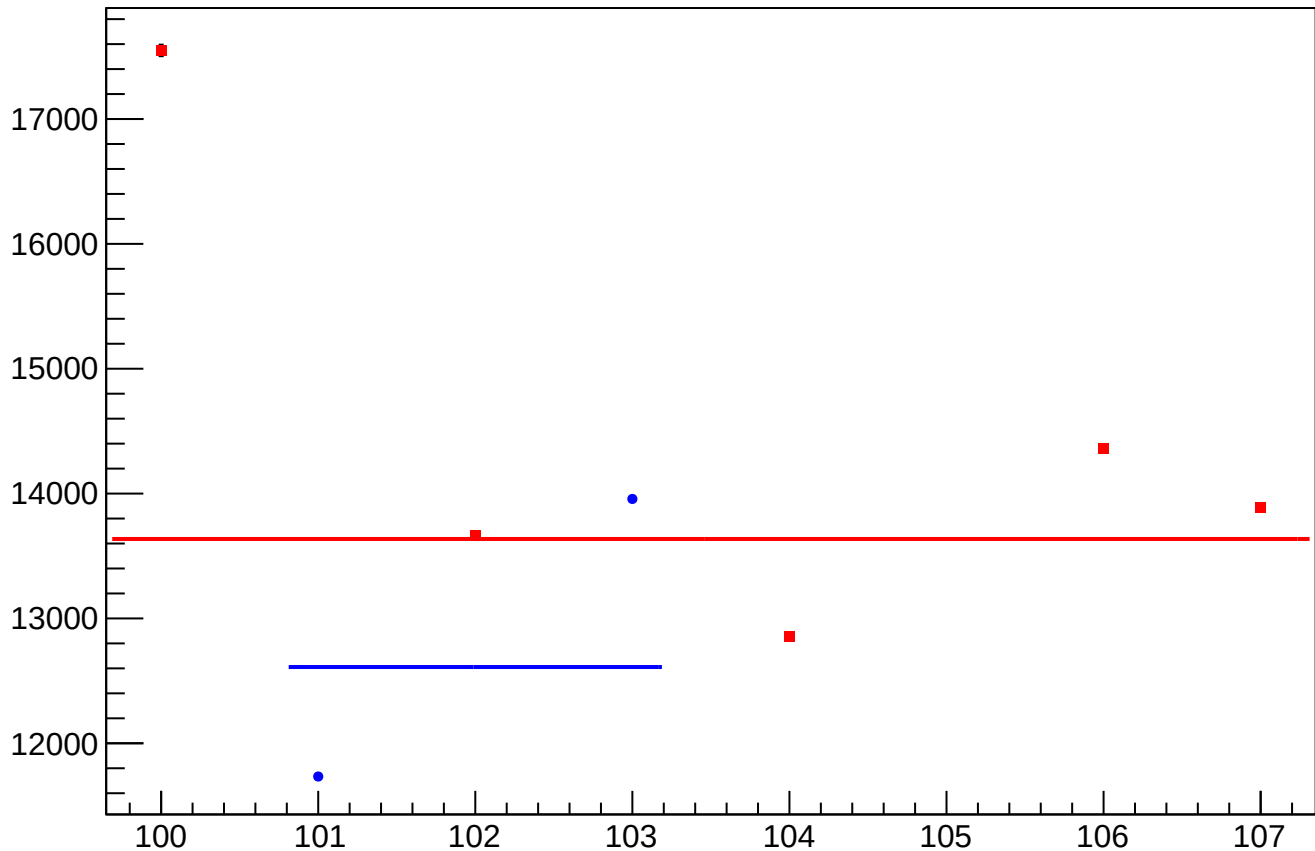
Right: -1.587+/-7.555 χ^2/NDF : 10.8/6

In: 13.159+/-11.273 χ^2/NDF : 2.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.587+/-7.555 χ^2/NDF : 10.8/6

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 12610.835 $\pm$ 7.971 χ^2 /NDF: 18582.1/1

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

Right Out: 13636.431 $\pm$ 7.197 χ^2 /NDF: 12849.7/4

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

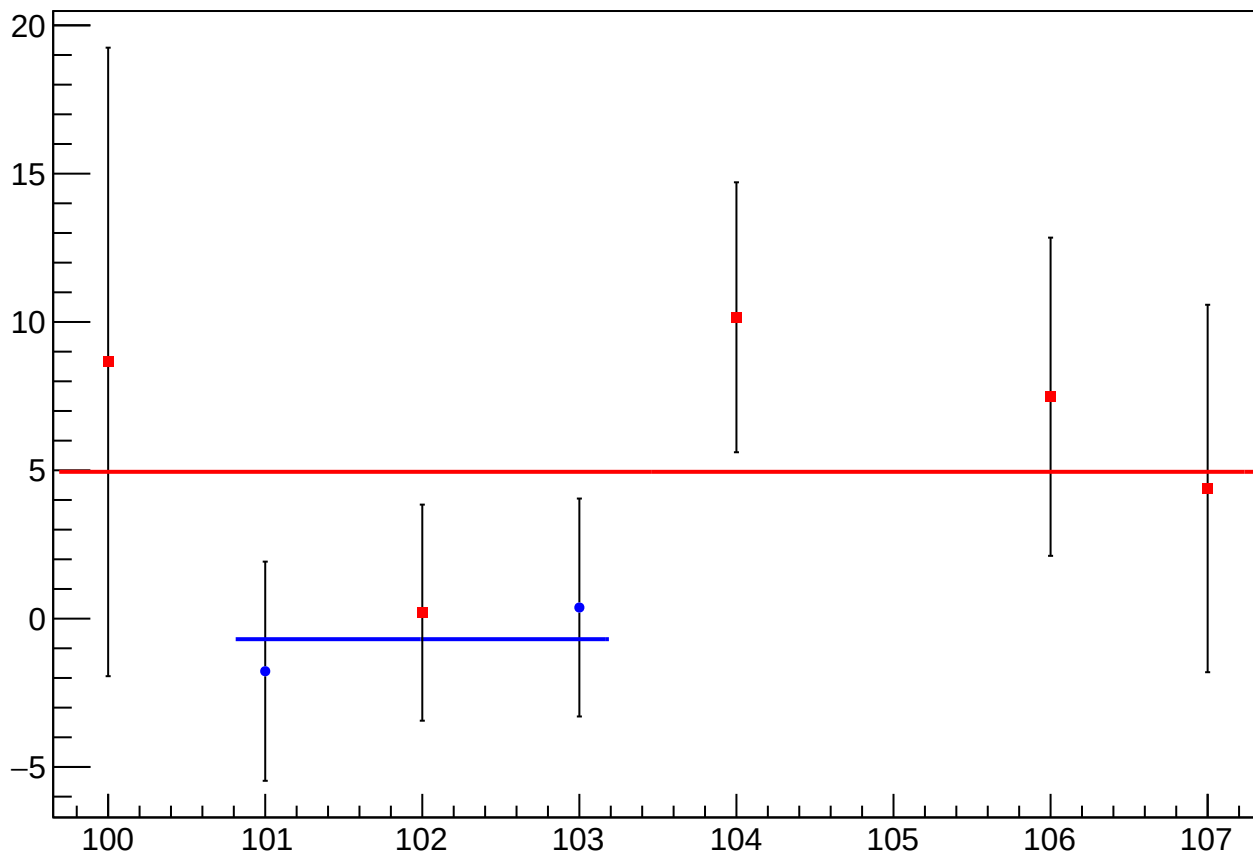
Right: 13175.816 $\pm$ 5.342 χ^2 /NDF: 40551.1/6

In: 12610.835 $\pm$ 7.971 χ^2 /NDF: 18582.1/1

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

All: 13175.816 $\pm$ 5.342 χ^2 /NDF: 40551.1/6

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.693+/-2.605 χ^2/NDF : 0.2/1

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

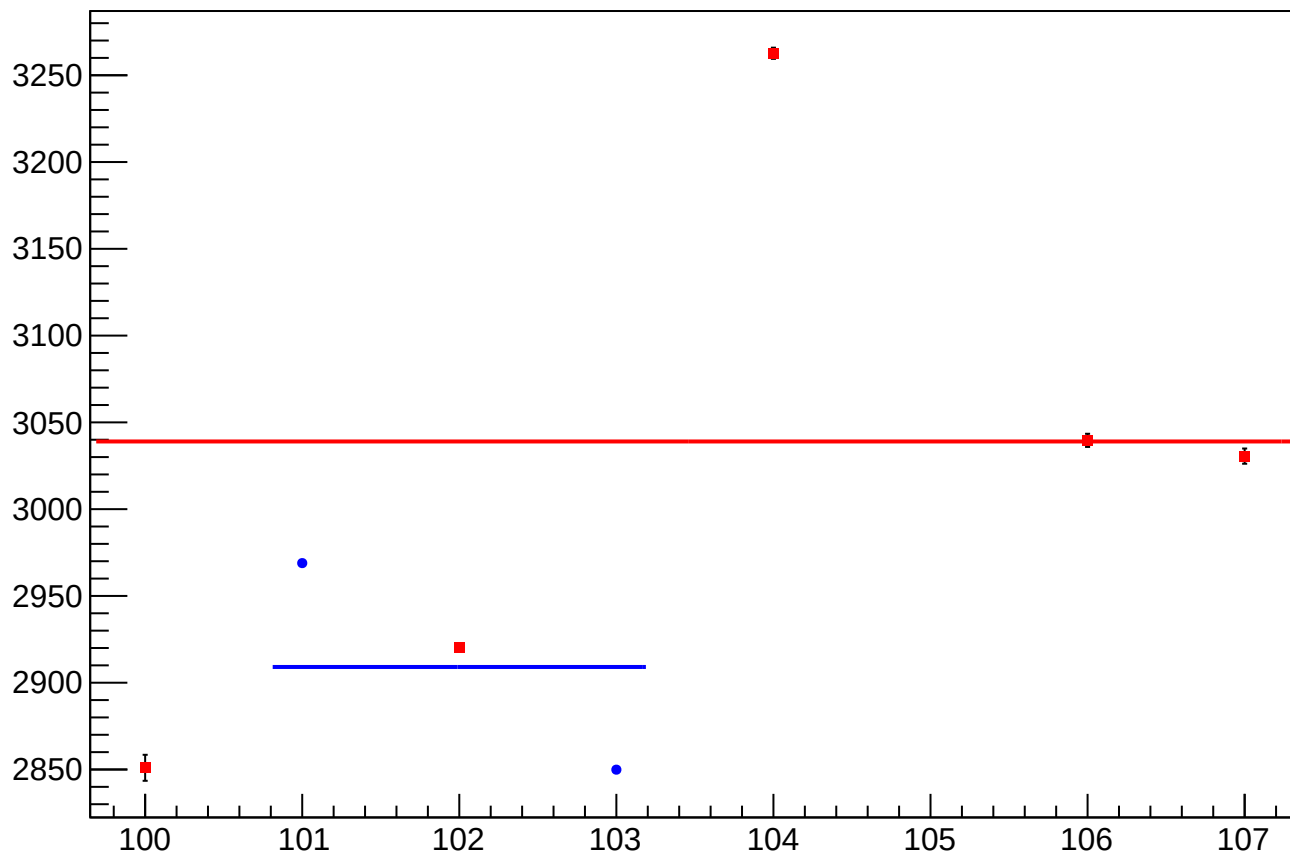
Right: 2.509+/-1.713 χ^2/NDF : 6.2/6

In: -0.693+/-2.605 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.509+/-1.713 χ^2/NDF : 6.2/6

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 2909.074+/-1.842 χ^2/NDF : 1043.9/1

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: 2982.812+/-1.211 χ^2/NDF : 11451.5/6

In: 2909.074+/-1.842 χ^2/NDF : 1043.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2982.812+/-1.211 χ^2/NDF : 11451.5/6

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

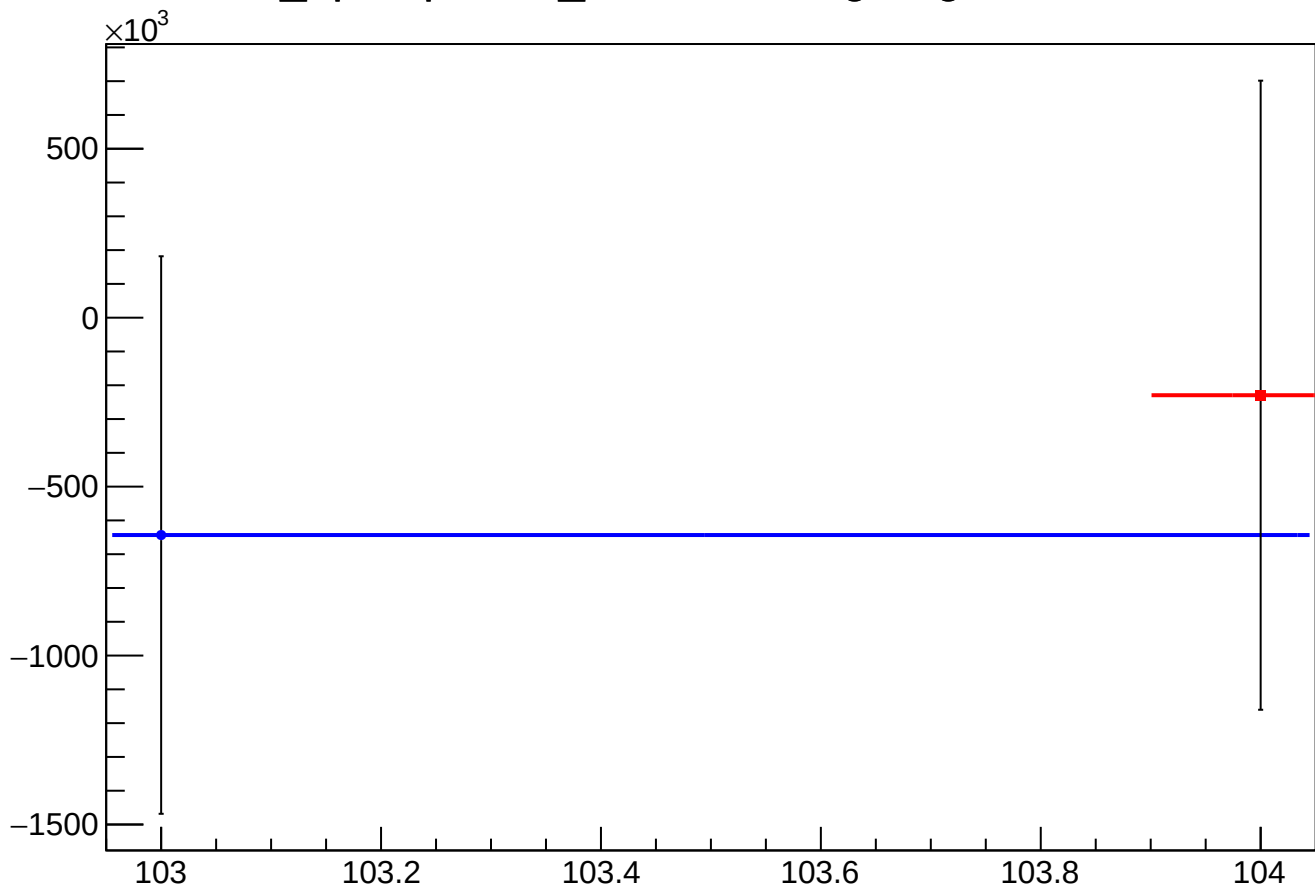
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -643270.183+/-825041.868 χ^2/NDF : 0.0/0

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: -461231.604+/-617453.156 χ^2/NDF : 0.1/1

In: -643270.183+/-825041.868 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -461231.604+/-617453.156 χ^2/NDF : 0.1/1

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

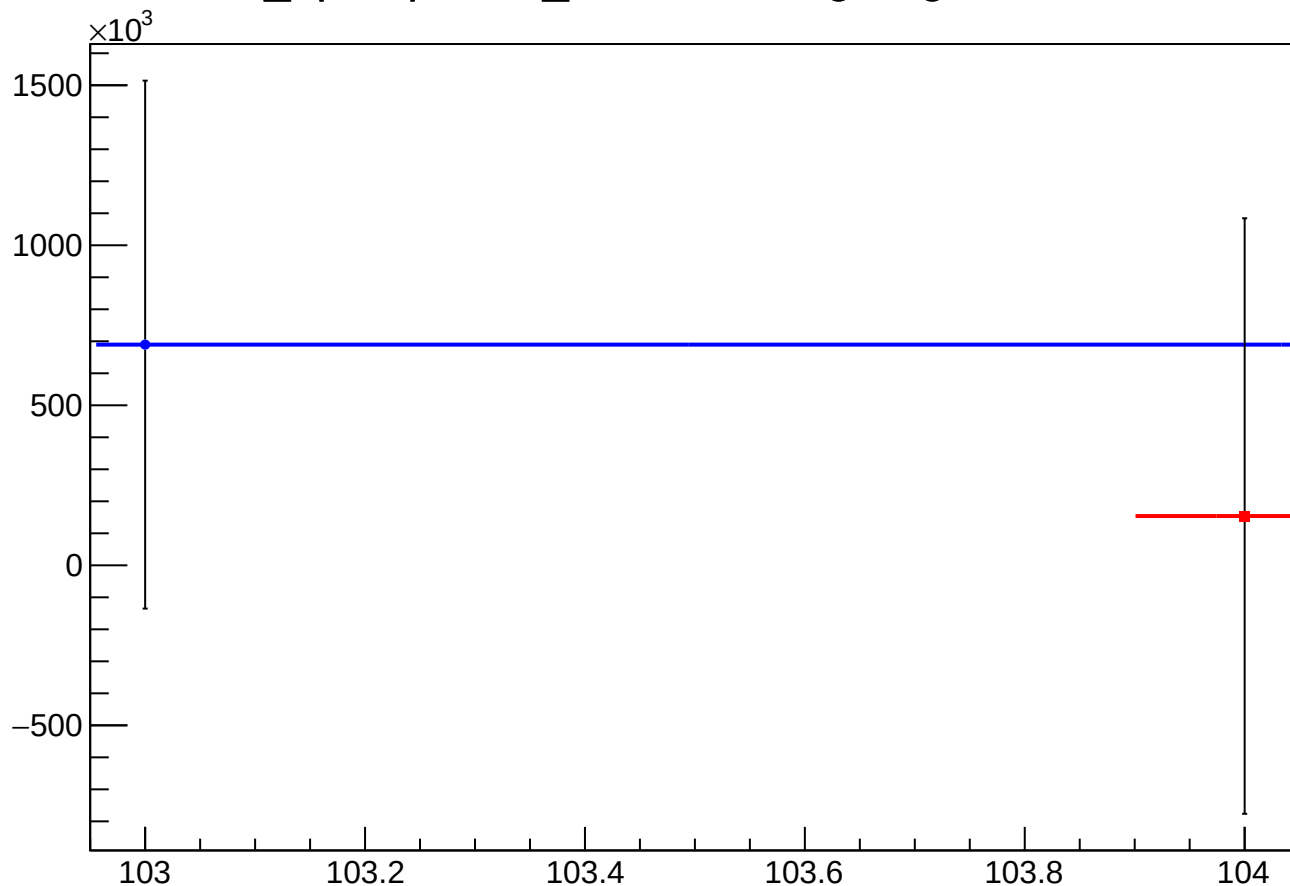
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 689556.315+/-824757.277 χ^2/NDF : 0.0/0

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: 453882.317+/-617171.153 χ^2/NDF : 0.2/1

In: 689556.315+/-824757.277 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 453882.317+/-617171.153 χ^2/NDF : 0.2/1

diff_bpm1p03aY_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

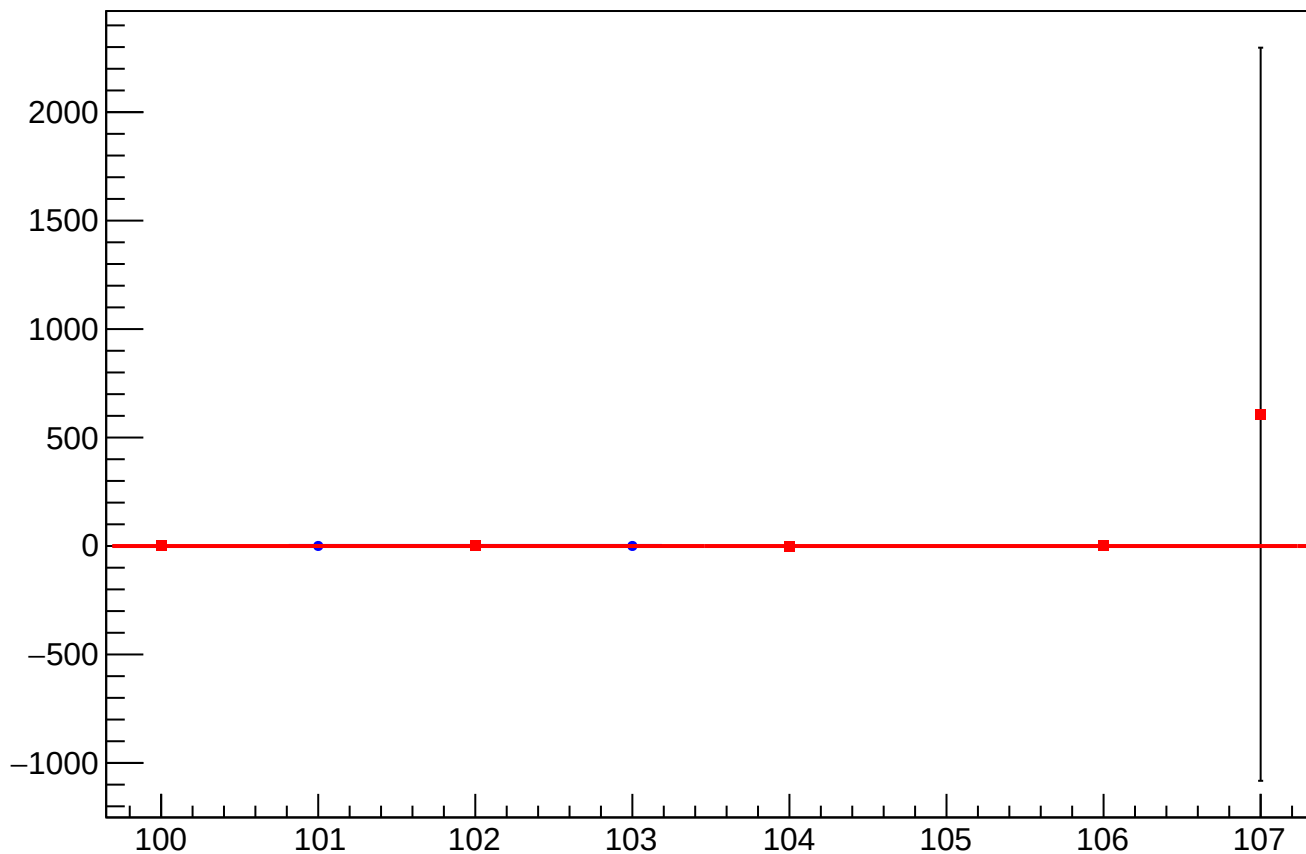
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.256+/-0.356 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.096+/-0.328 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

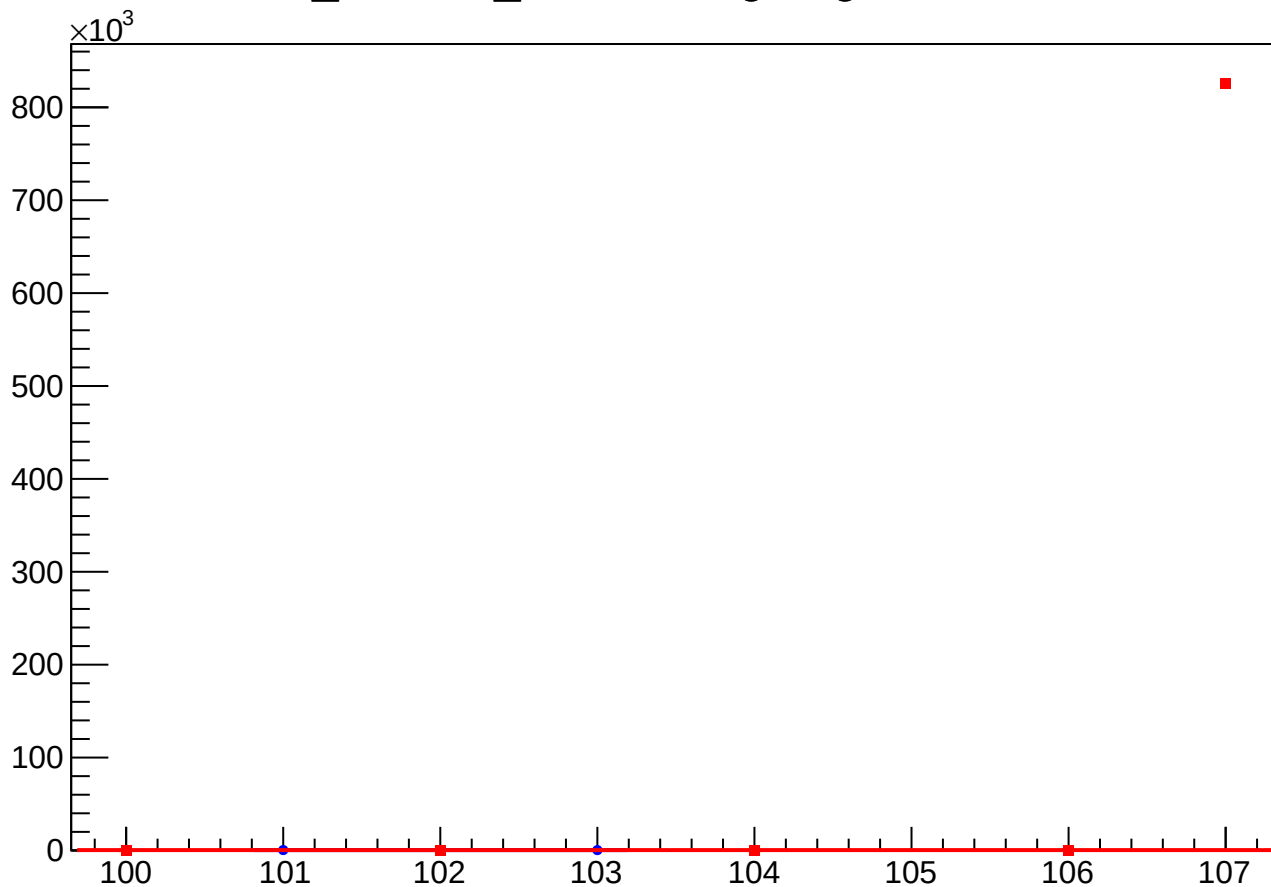
Right: 0.065+/-0.241 χ^2/NDF : 4.2/6

In: 0.256+/-0.356 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.065+/-0.241 χ^2/NDF : 4.2/6

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 398.177 $\pm$ 0.251 χ^2/NDF : 13536.7/1

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

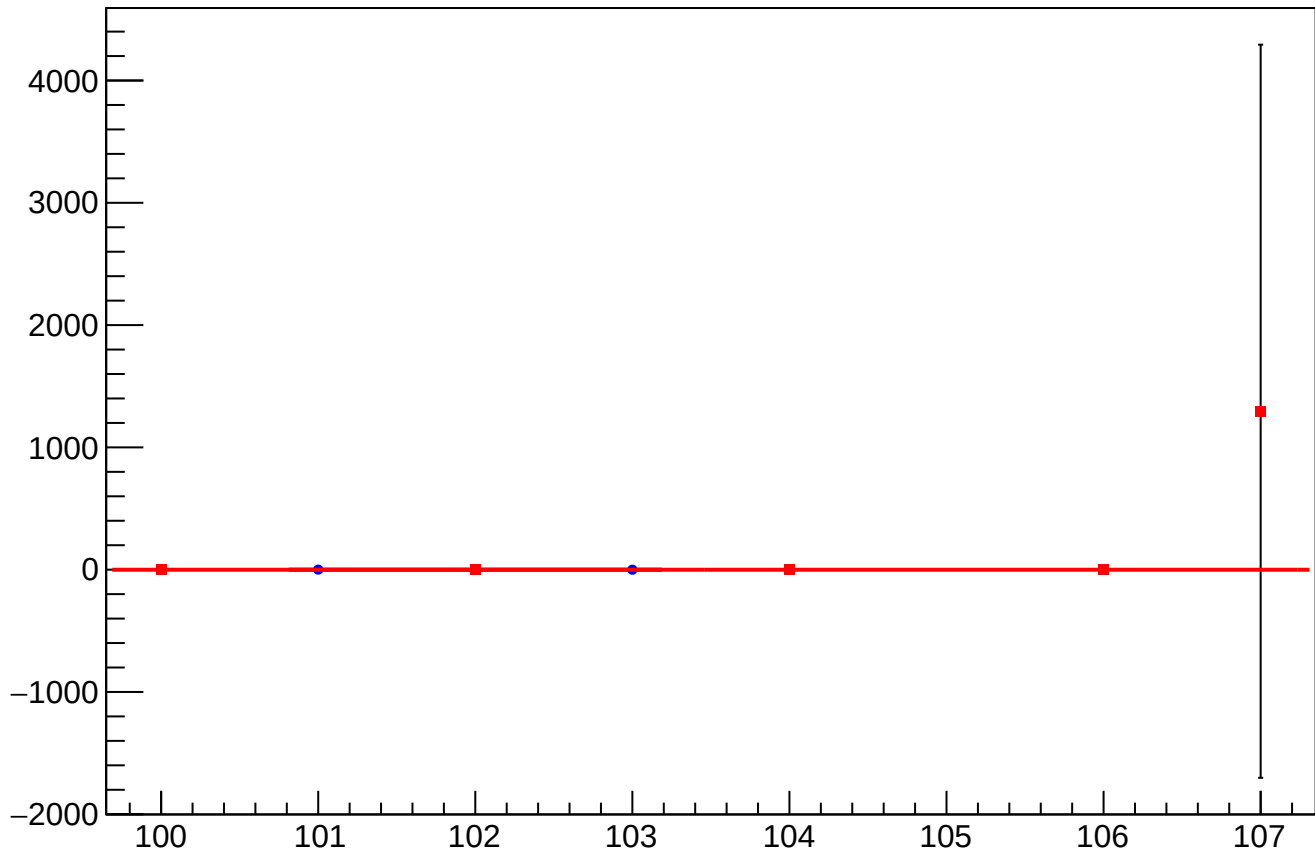
Right: 395.220 $\pm$ 0.170 χ^2/NDF : 506016.1/6

In: 398.177 $\pm$ 0.251 χ^2/NDF : 13536.7/1

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 395.220 $\pm$ 0.170 χ^2/NDF : 506016.1/6

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.347 χ^2/NDF : 0.7/1

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

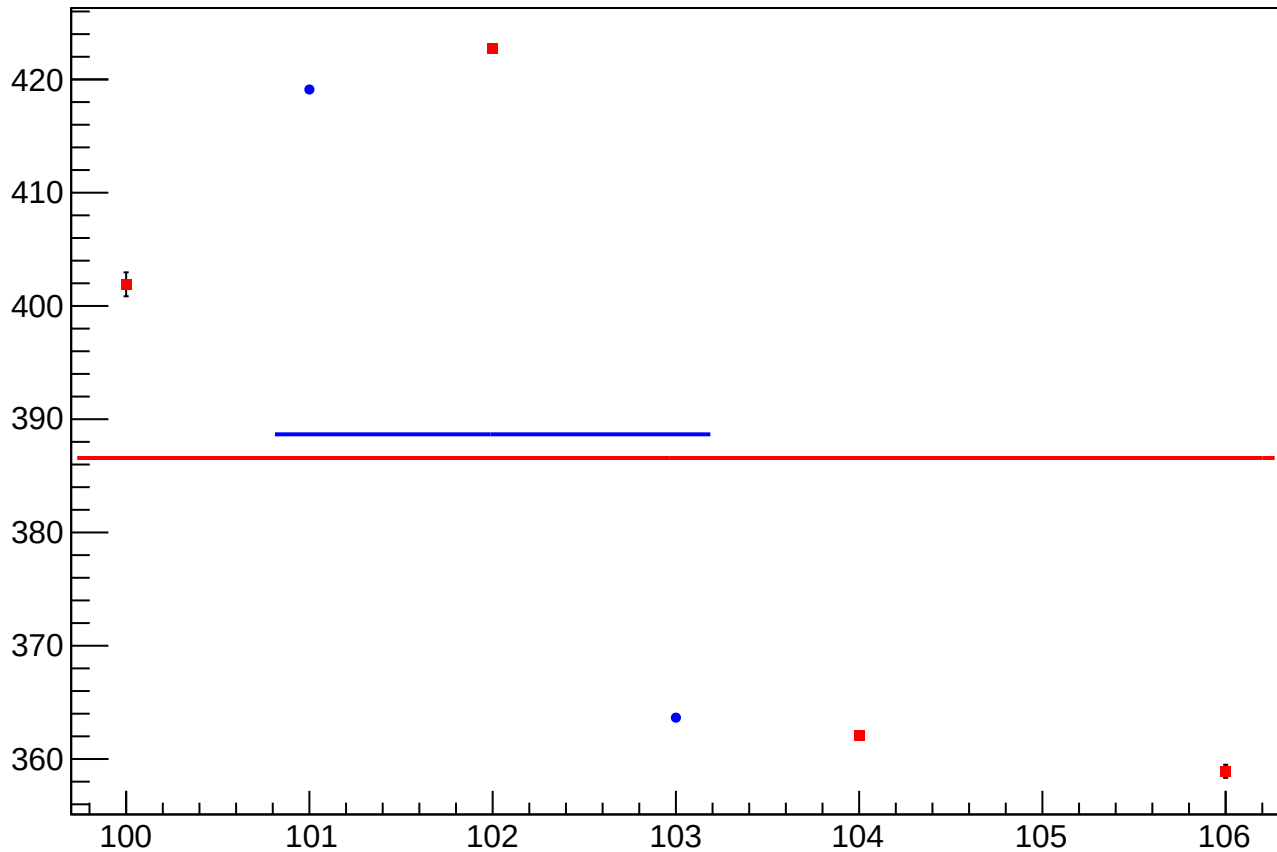
Right: -0.329 ± 0.237 χ^2/NDF : 2.5/6

In: -0.020 ± 0.347 χ^2/NDF : 0.7/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.329 ± 0.237 χ^2/NDF : 2.5/6

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

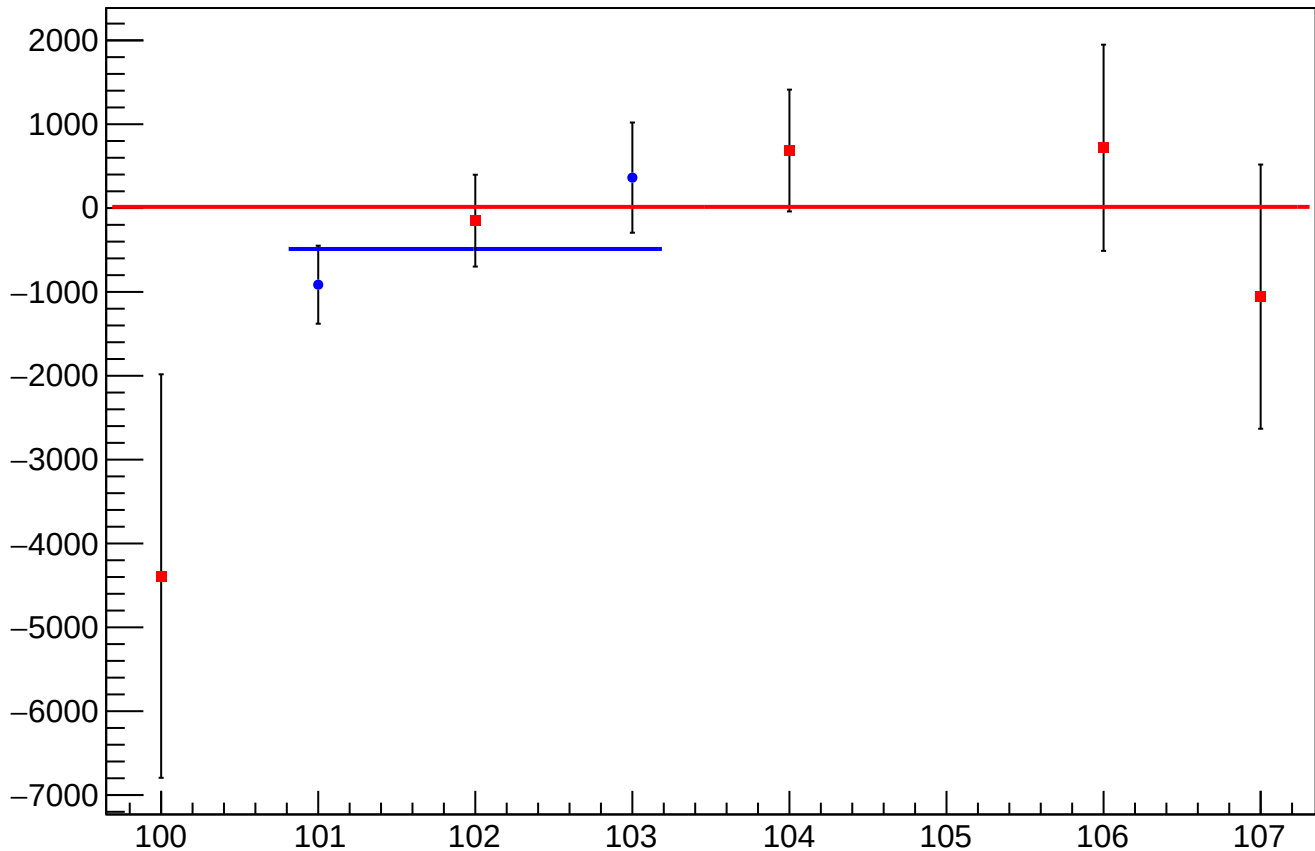
Right: 387.549 $\pm$ 0.167 χ^2 /NDF: 29410.7/5

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: -487.684 $\pm$ 379.635 χ^2 /NDF: 2.5/1

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

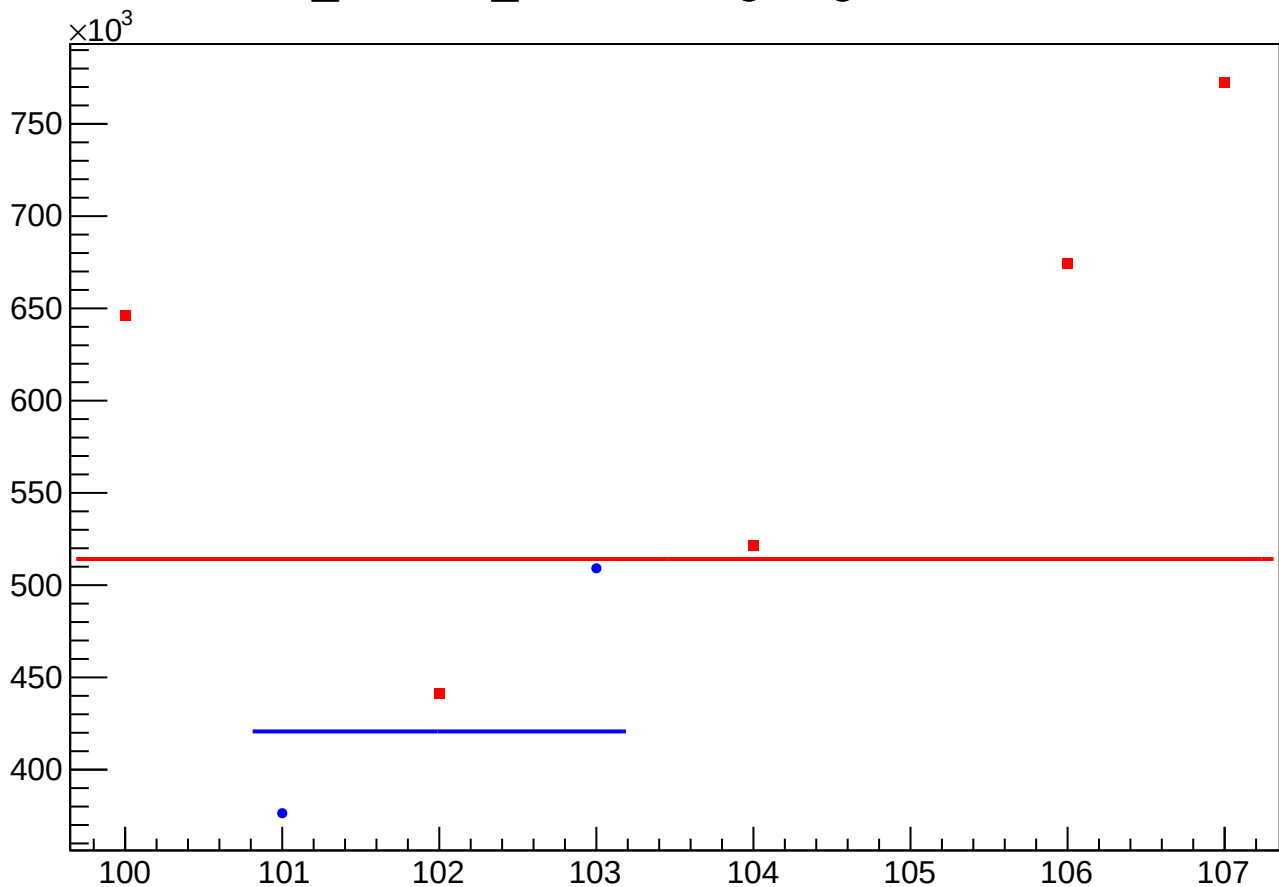
Right: -245.540 $\pm$ 273.131 χ^2 /NDF: 8.4/6

In: -487.684 $\pm$ 379.635 χ^2 /NDF: 2.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

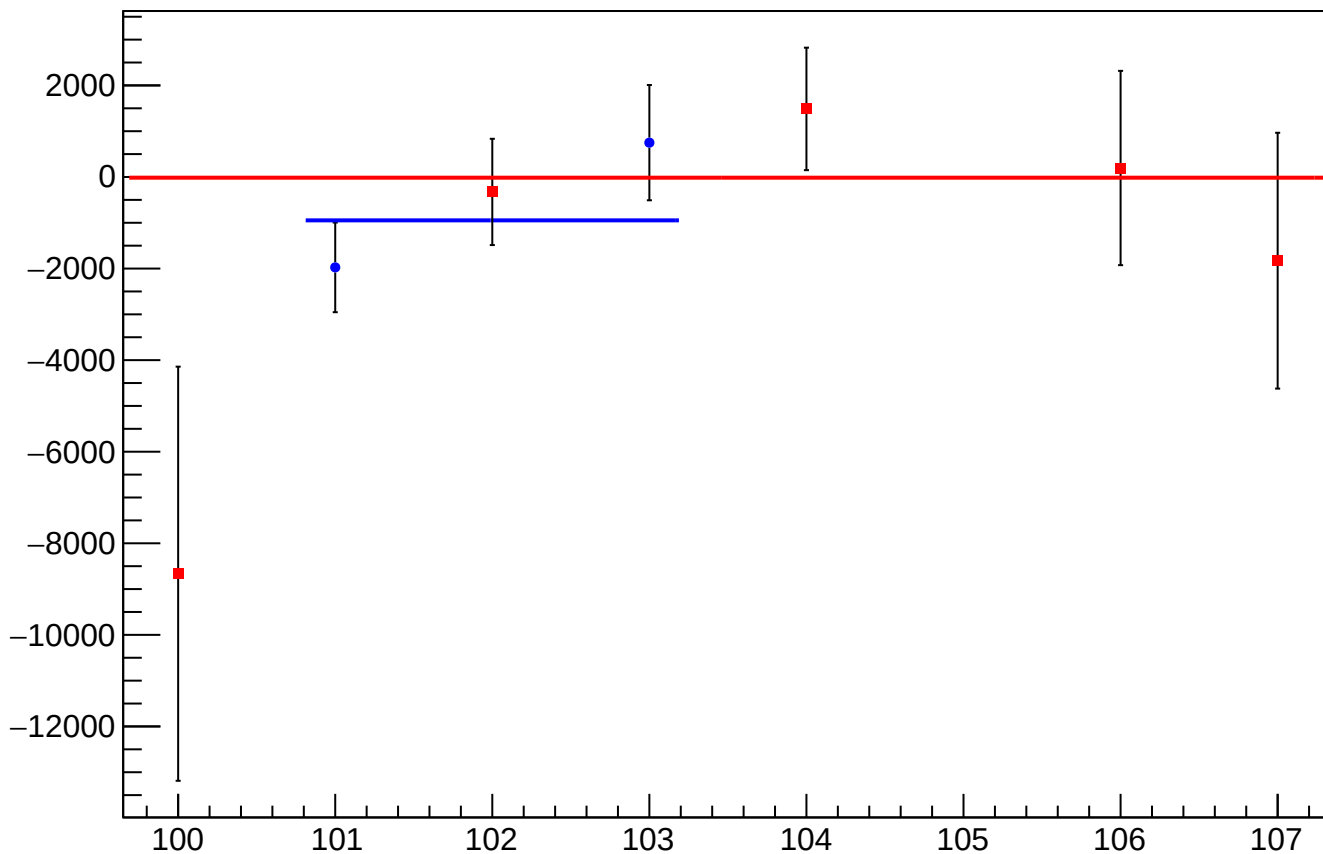
All: -245.540 $\pm$ 273.131 χ^2 /NDF: 8.4/6

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 420708.472 $\pm$ 268.442 χ^2/NDF : 54368.1/1
 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
 All: 465720.121 $\pm$ 193.282 χ^2/NDF : 241319.8/6
 In: 420708.472 $\pm$ 268.442 χ^2/NDF : 54368.1/1
 Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -947.196+/-772.826 χ^2 /NDF: 2.9/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -15.077+/-766.827 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

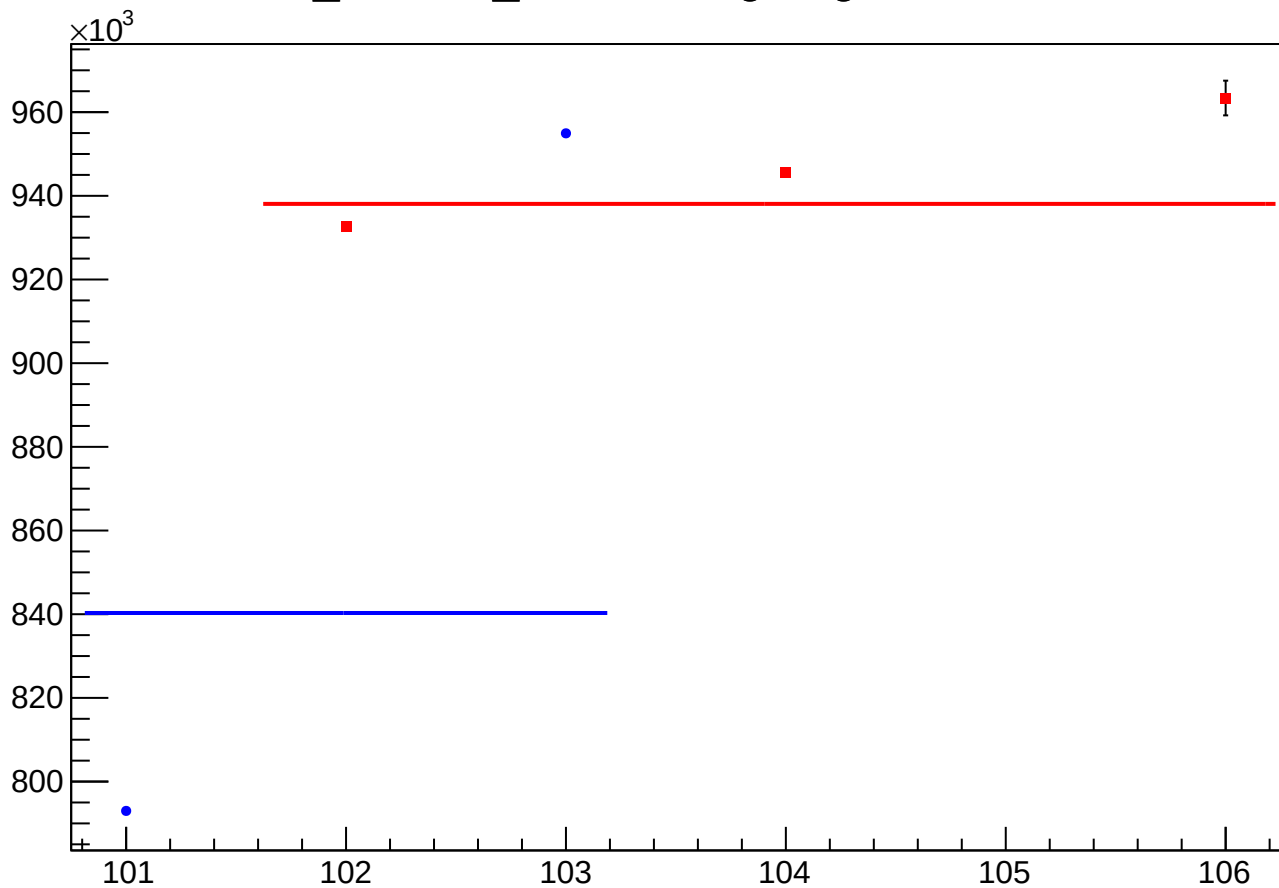
Right: -477.504+/-544.337 χ^2 /NDF: 9.1/6

In: -947.196+/-772.826 χ^2 /NDF:2.9/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -477.504+/-544.337 χ^2 /NDF: 9.1/6

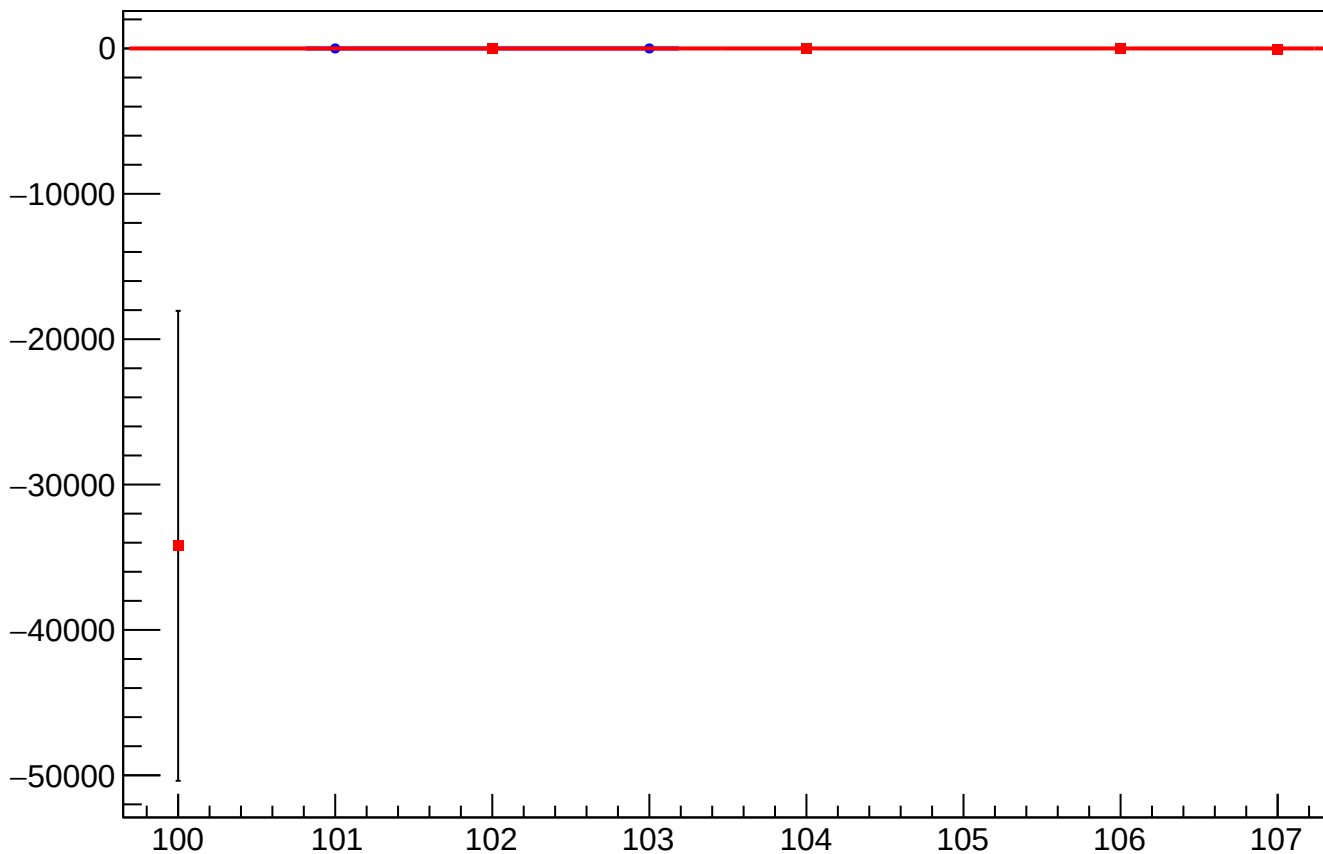
diff_cav4cY_rms vs Slug, Sign Corrected



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: -0.034 $\pm$ 0.172 χ^2 /NDF: 0.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.355 $\pm$ 0.160 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

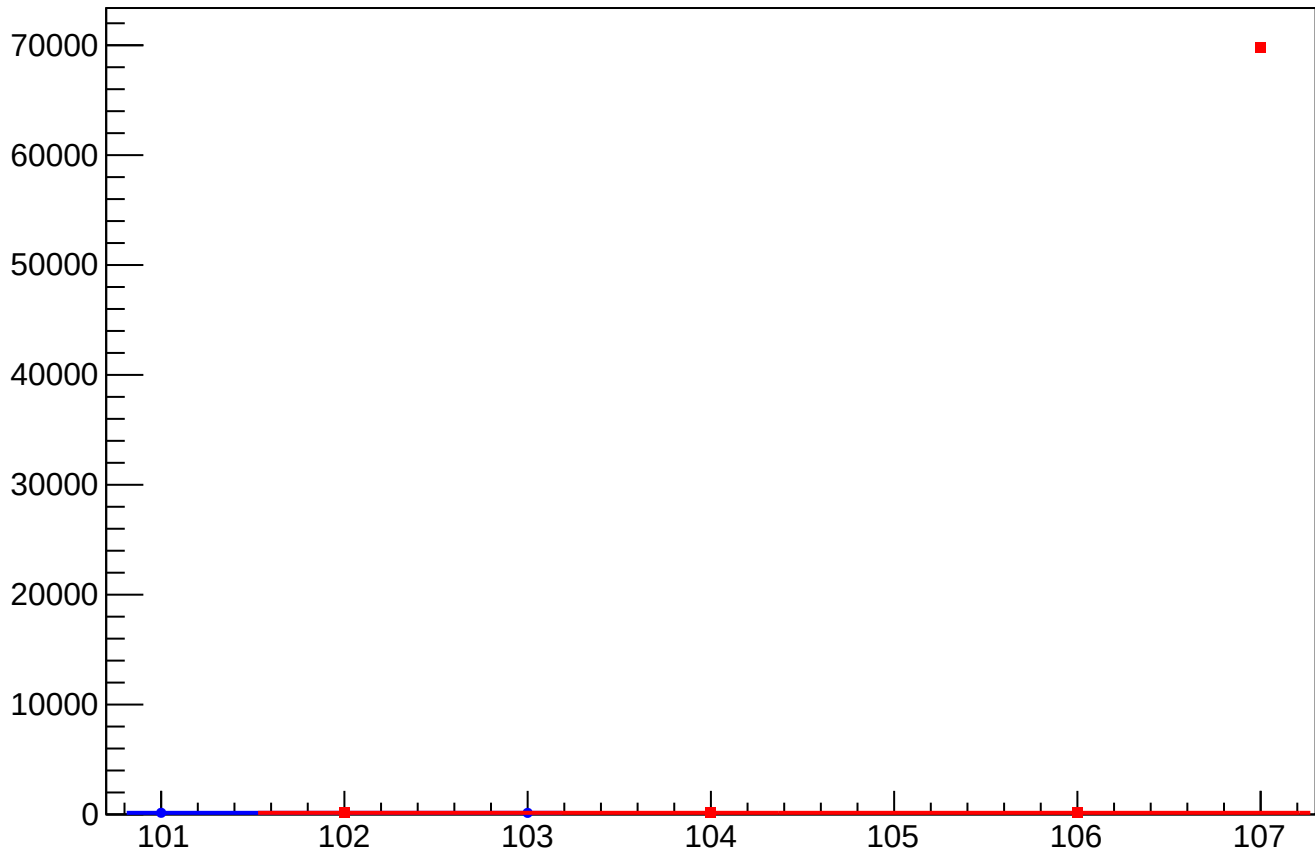
Right: 0.174 $\pm$ 0.117 χ^2 /NDF: 8.6/6

In: -0.034 $\pm$ 0.172 χ^2 /NDF: 0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.174 $\pm$ 0.117 χ^2 /NDF: 8.6/6

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 148.285+/-0.122 χ^2/NDF : 328.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148.765+/-0.113 χ^2/NDF : 476486.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

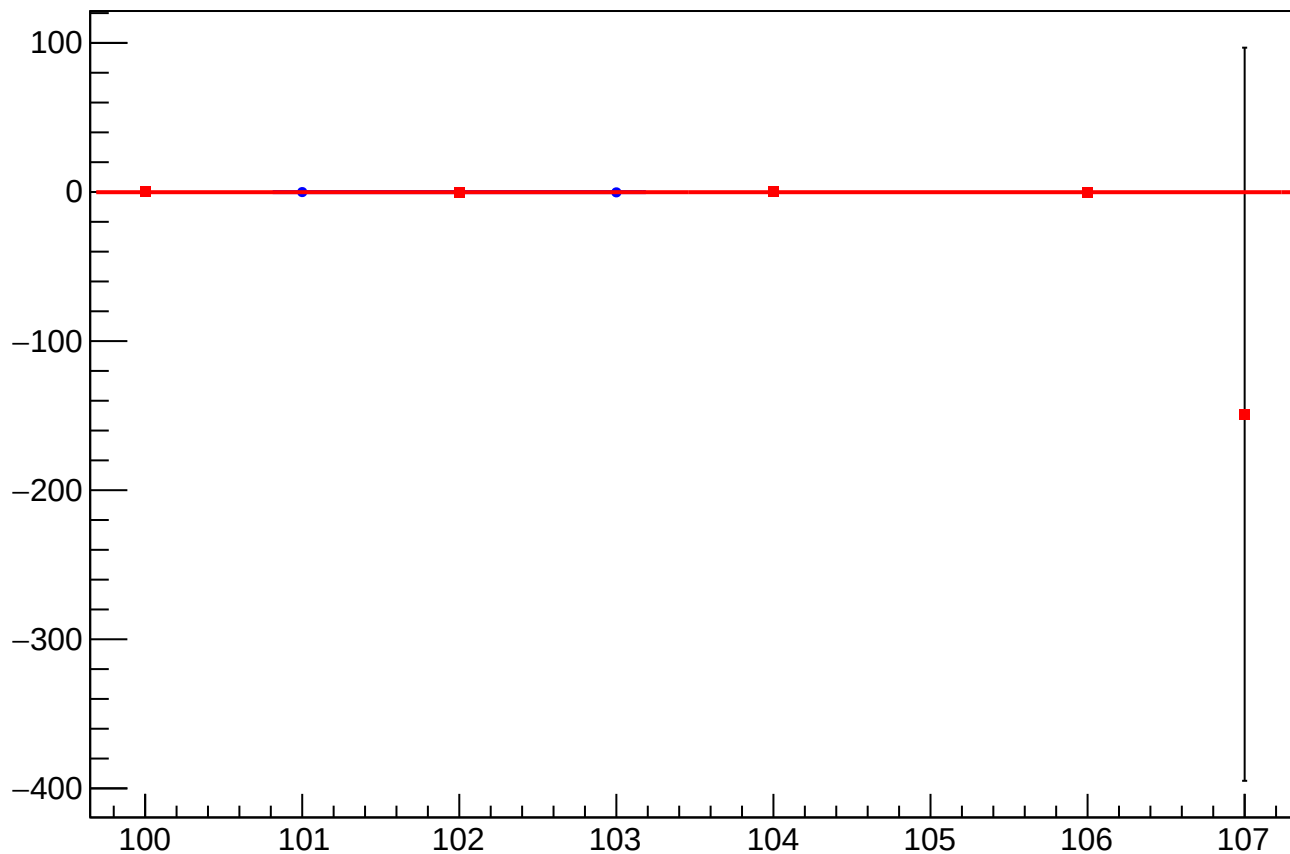
Right: 148.542+/-0.083 χ^2/NDF : 476824.0/5

In: 148.285+/-0.122 χ^2/NDF : 328.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.542+/-0.083 χ^2/NDF : 476824.0/5

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: -0.068+/-0.177 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.126+/-0.166 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

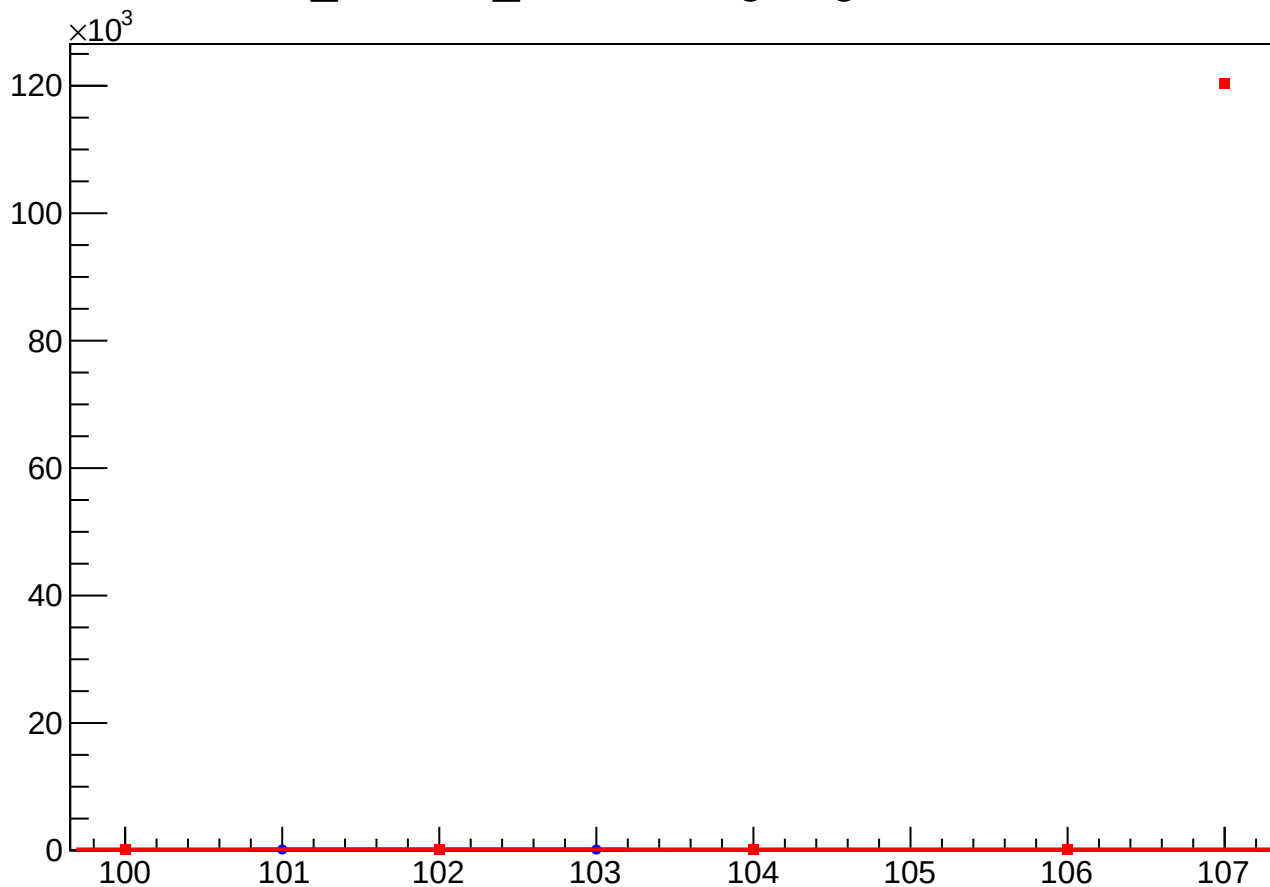
Right: -0.098+/-0.121 χ^2/NDF : 0.8/6

In: -0.068+/-0.177 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.098+/-0.121 χ^2/NDF : 0.8/6

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 152.514 $\pm$ 0.125 χ^2/NDF : 608.1/1

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

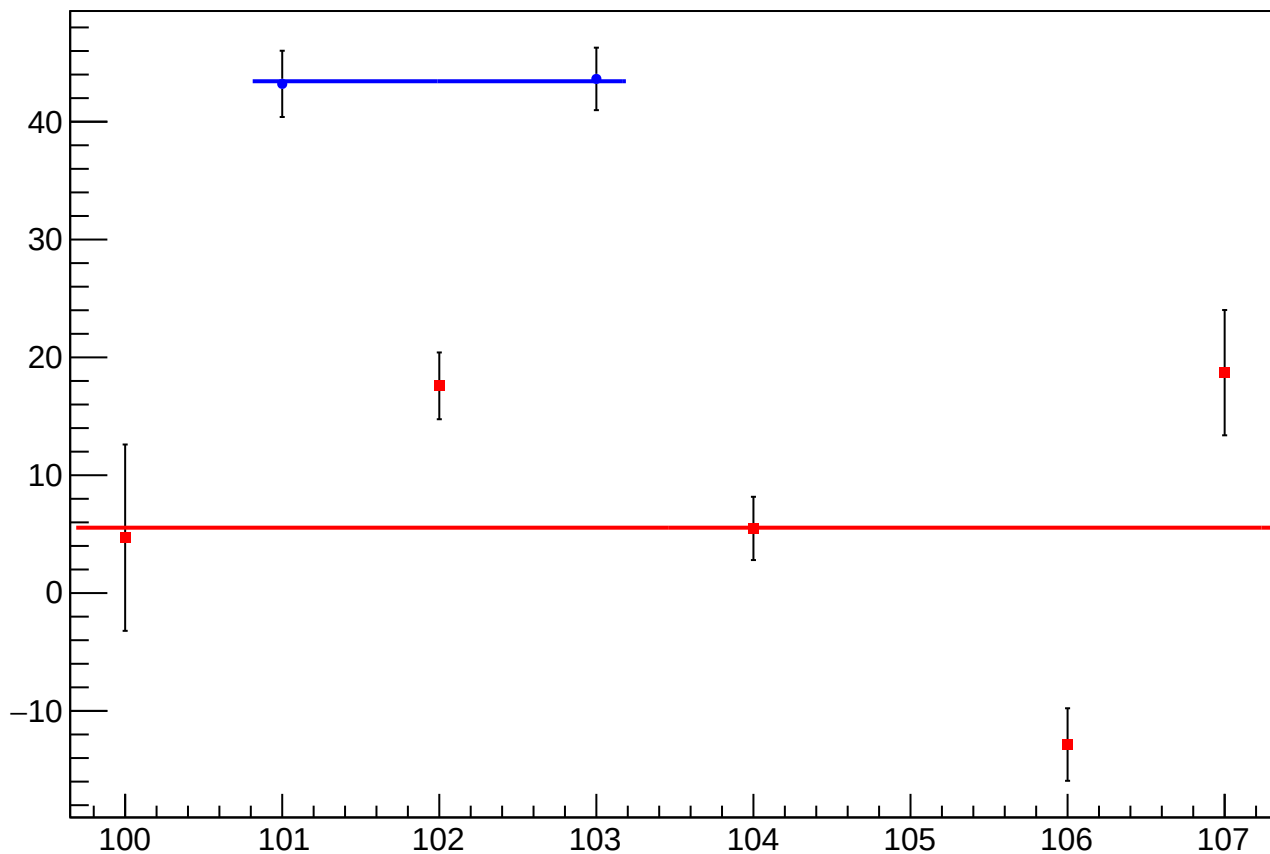
Right: 154.052 $\pm$ 0.086 χ^2/NDF : 479042.3/6

In: 152.514 $\pm$ 0.125 χ^2/NDF : 608.1/1

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 154.052 $\pm$ 0.086 χ^2/NDF : 479042.3/6

diff_bpm0i01X_mean vs Slug, Sign Corrected



Right In: 43.433+/-1.929 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.549+/-1.542 χ^2/NDF : 59.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

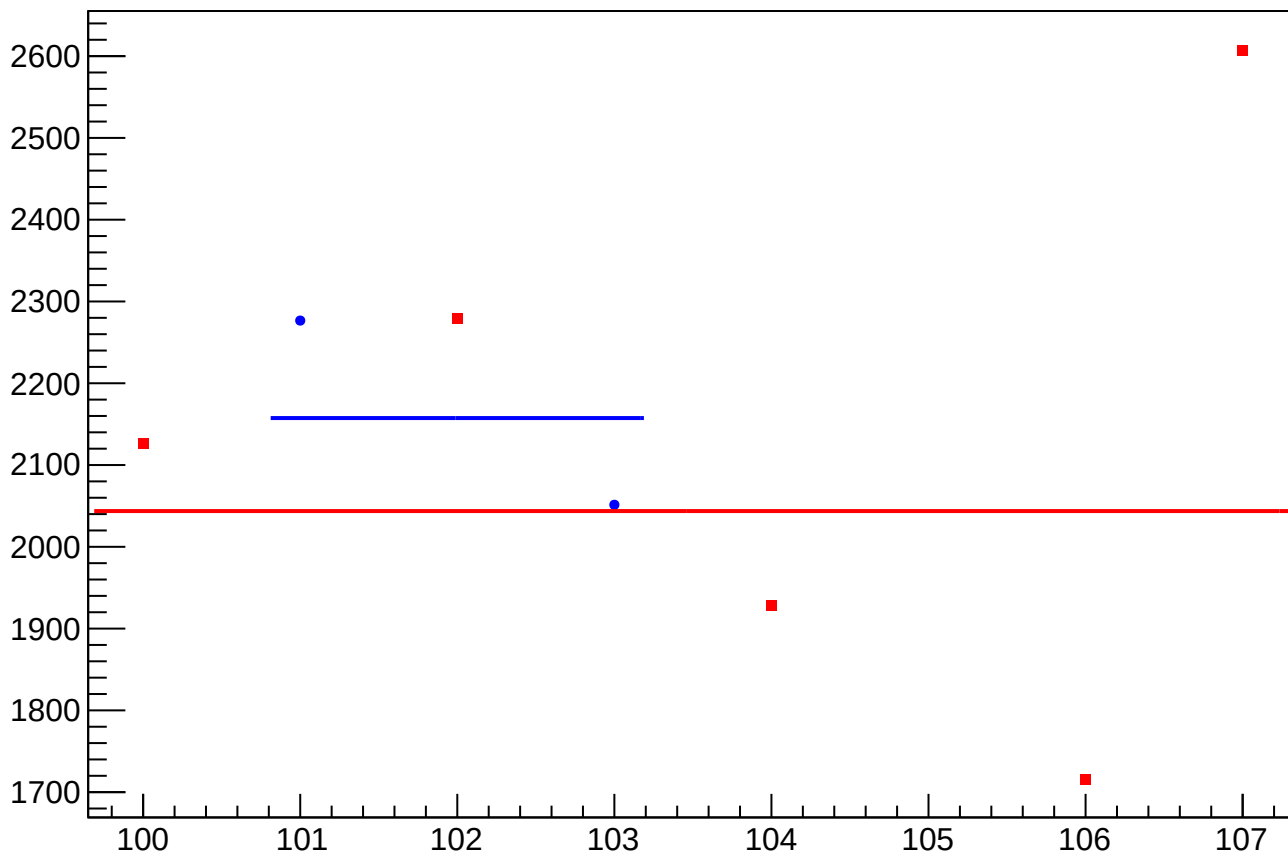
Right: 20.328+/-1.205 χ^2/NDF : 295.3/6

In: 43.433+/-1.929 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.328+/-1.205 χ^2/NDF : 295.3/6

diff_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 2157.445+/-1.364 χ^2/NDF : 6796.9/1

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

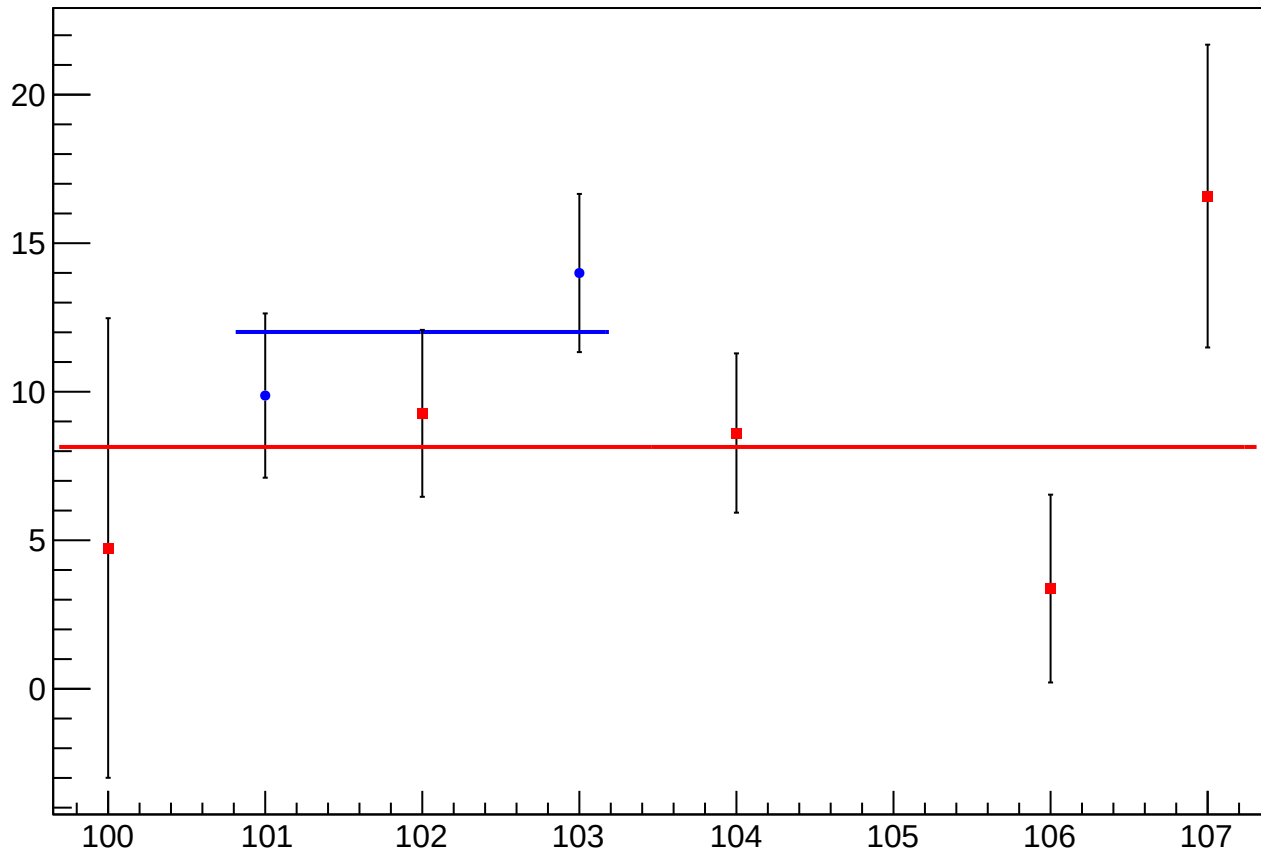
Right: 2088.095+/-0.852 χ^2/NDF : 73935.2/6

In: 2157.445+/-1.364 χ^2/NDF : 6796.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2088.095+/-0.852 χ^2/NDF : 73935.2/6

diff_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: 12.011+/-1.918 χ^2/NDF : 1.2/1

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

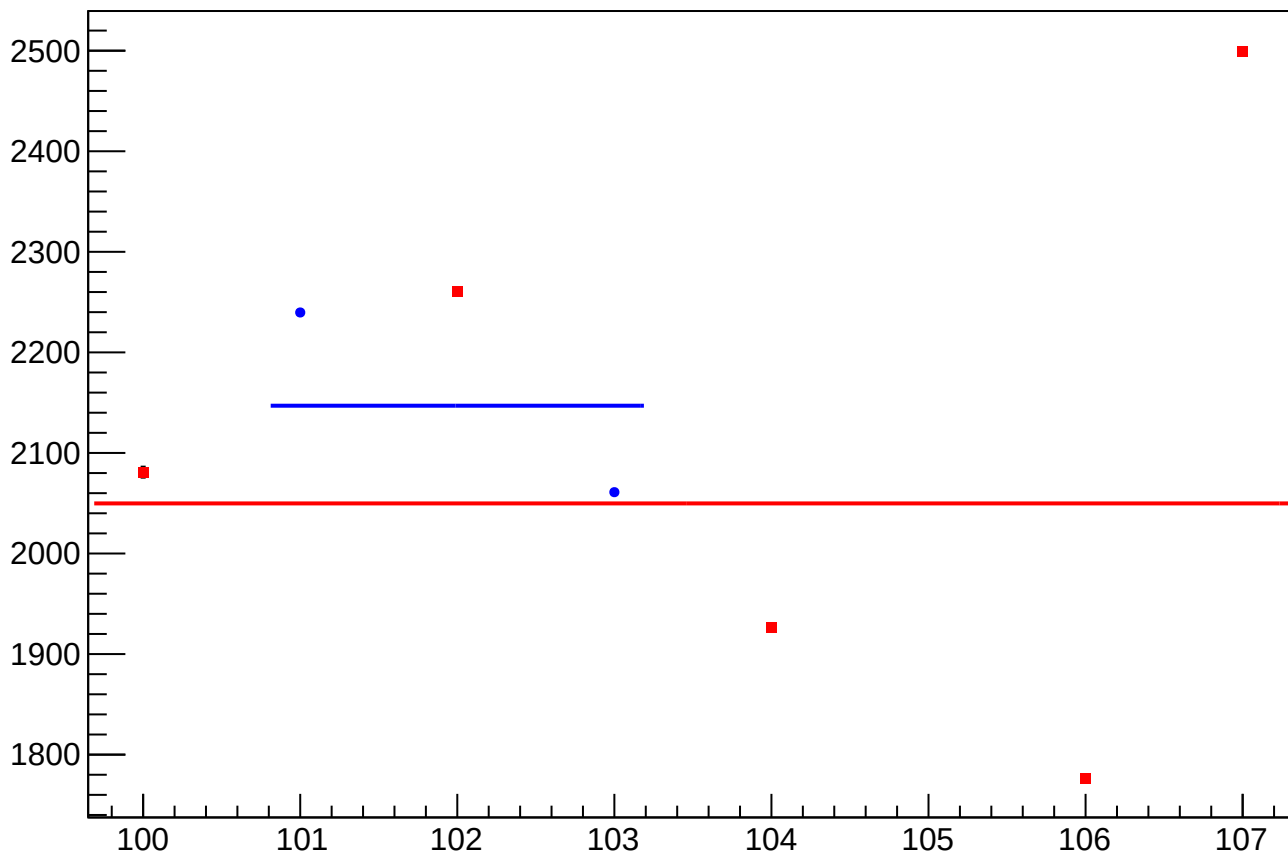
Right: 9.659+/-1.201 χ^2/NDF : 9.0/6

In: 12.011+/-1.918 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.659+/-1.201 χ^2/NDF : 9.0/6

diff_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 2146.972 $\pm$ 1.356 χ^2 /NDF: 4334.5/1

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

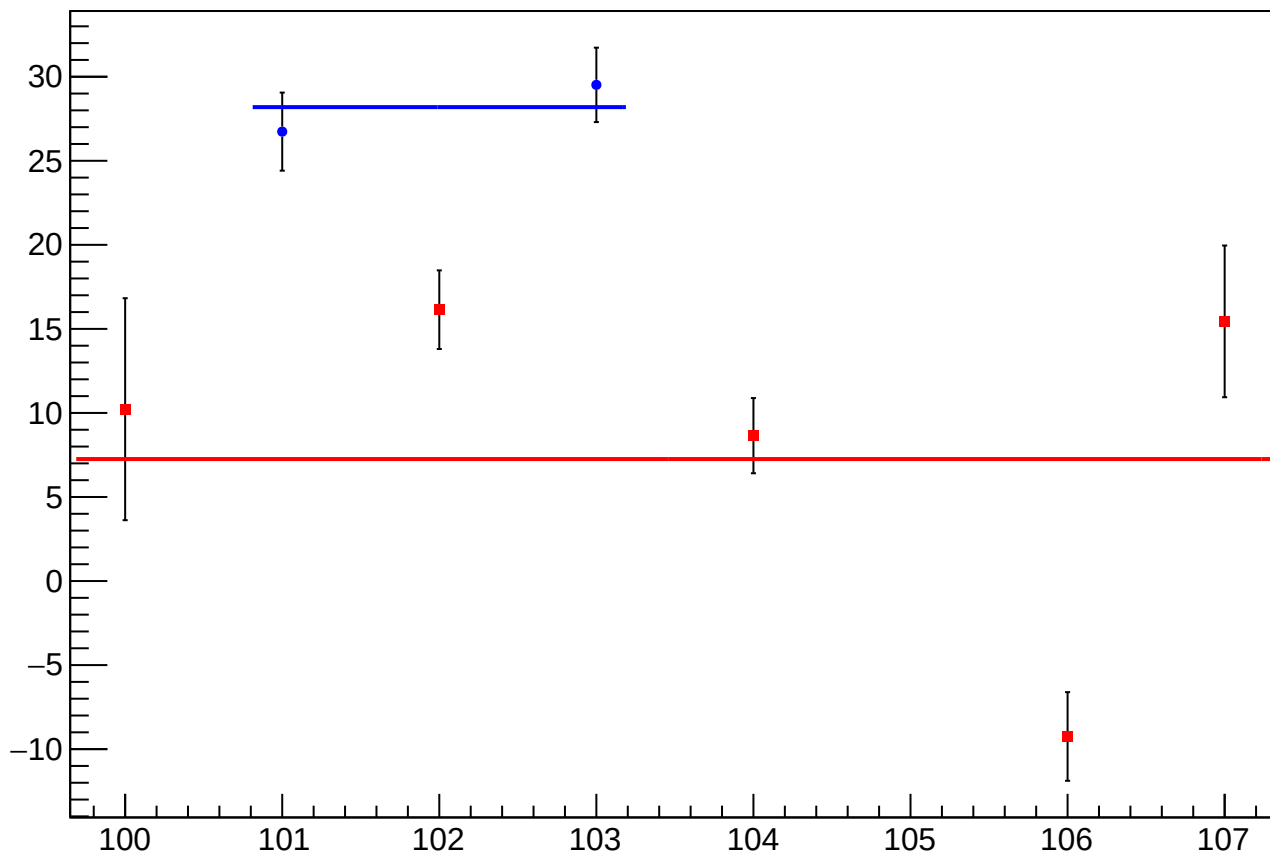
Right: 2087.932 $\pm$ 0.849 χ^2 /NDF: 53568.7/6

In: 2146.972 $\pm$ 1.356 χ^2 /NDF: 4334.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2087.932 $\pm$ 0.849 χ^2 /NDF: 53568.7/6

diff_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: 28.193 $\pm$ 1.602 χ^2 /NDF: 0.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7.257 $\pm$ 1.293 χ^2 /NDF: 57.5/4

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

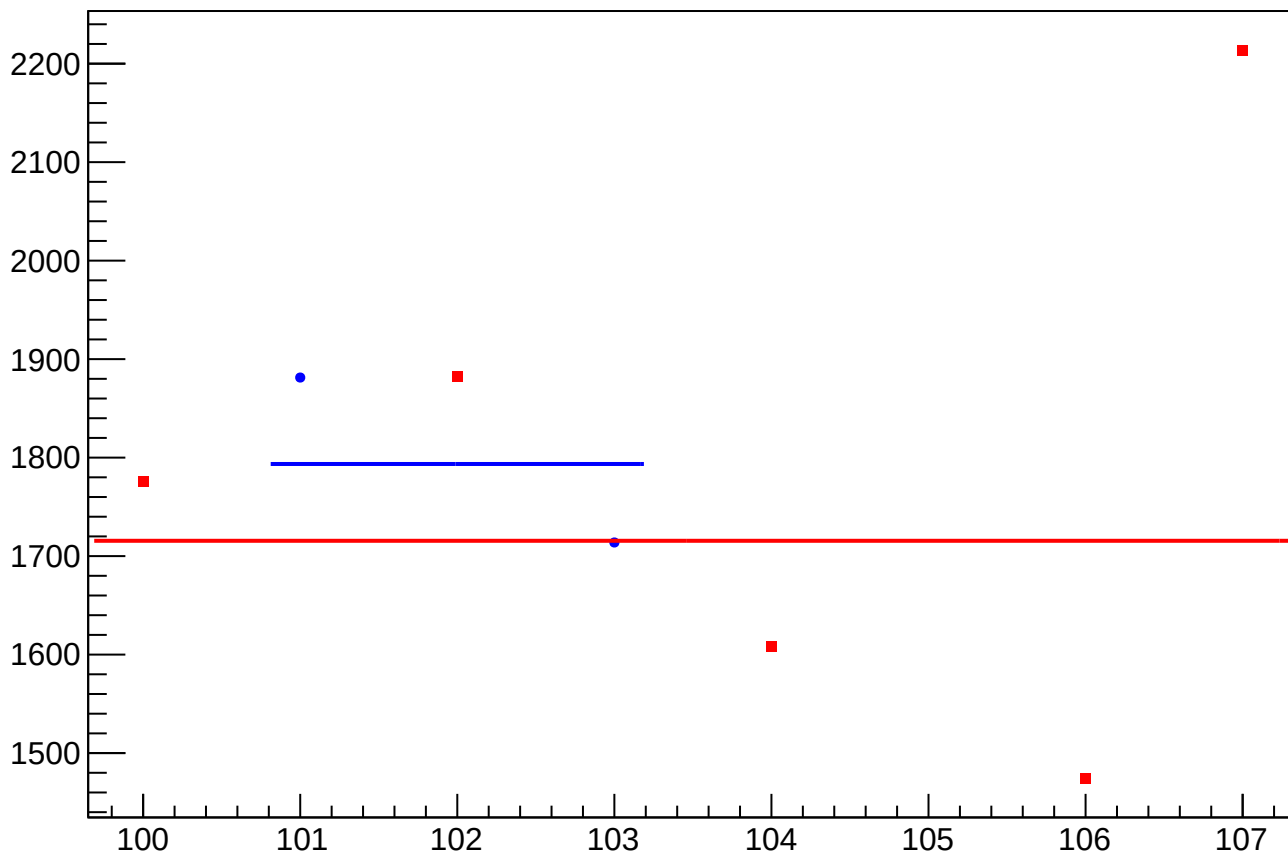
Right: 15.511 $\pm$ 1.006 χ^2 /NDF: 161.7/6

In: 28.193 $\pm$ 1.602 χ^2 /NDF: 0.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 15.511 $\pm$ 1.006 χ^2 /NDF: 161.7/6

diff_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 1793.537 $\pm$ 1.133 χ^2 /NDF: 5450.0/1

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

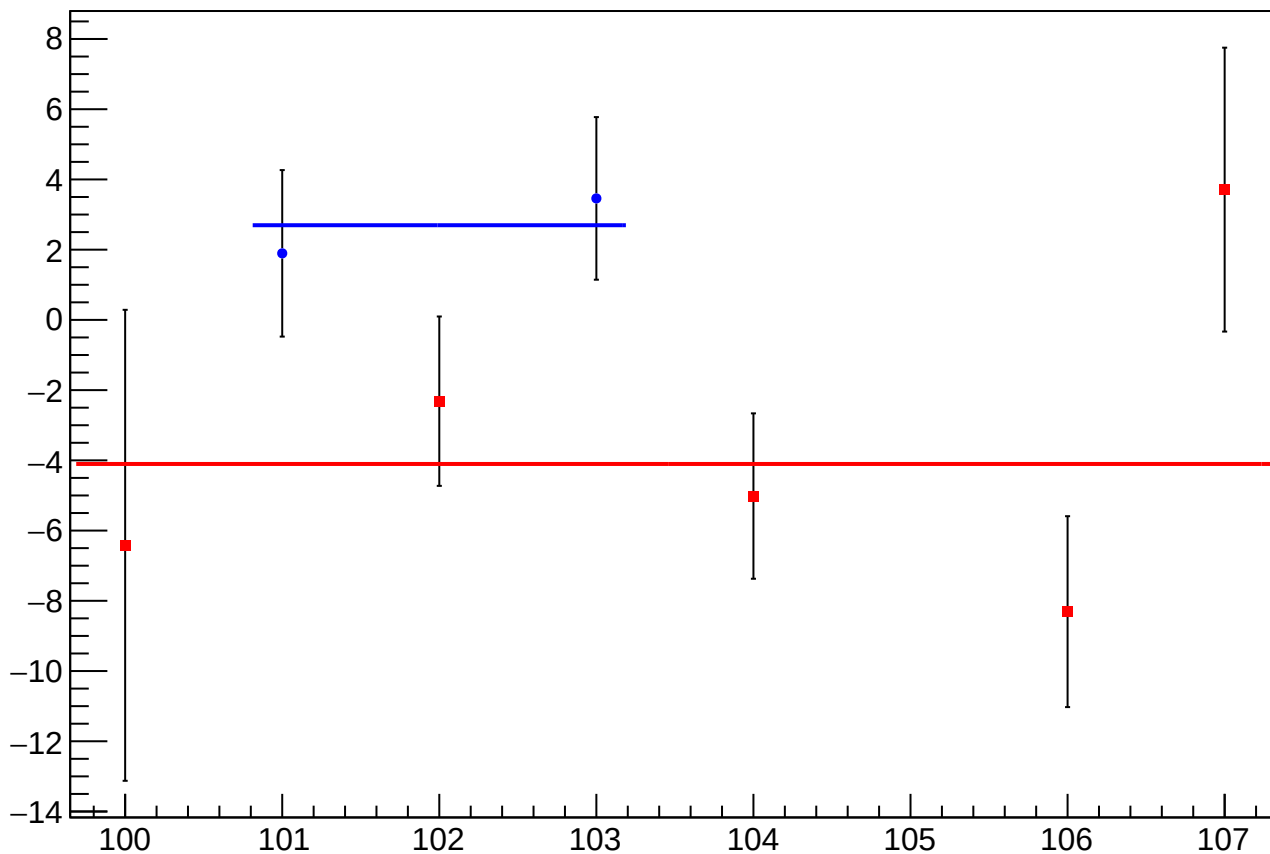
Right: 1746.301 $\pm$ 0.711 χ^2 /NDF: 64398.0/6

In: 1793.537 $\pm$ 1.133 χ^2 /NDF: 5450.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1746.301 $\pm$ 0.711 χ^2 /NDF: 64398.0/6

diff_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 2.696+/-1.657 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.103+/-1.323 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

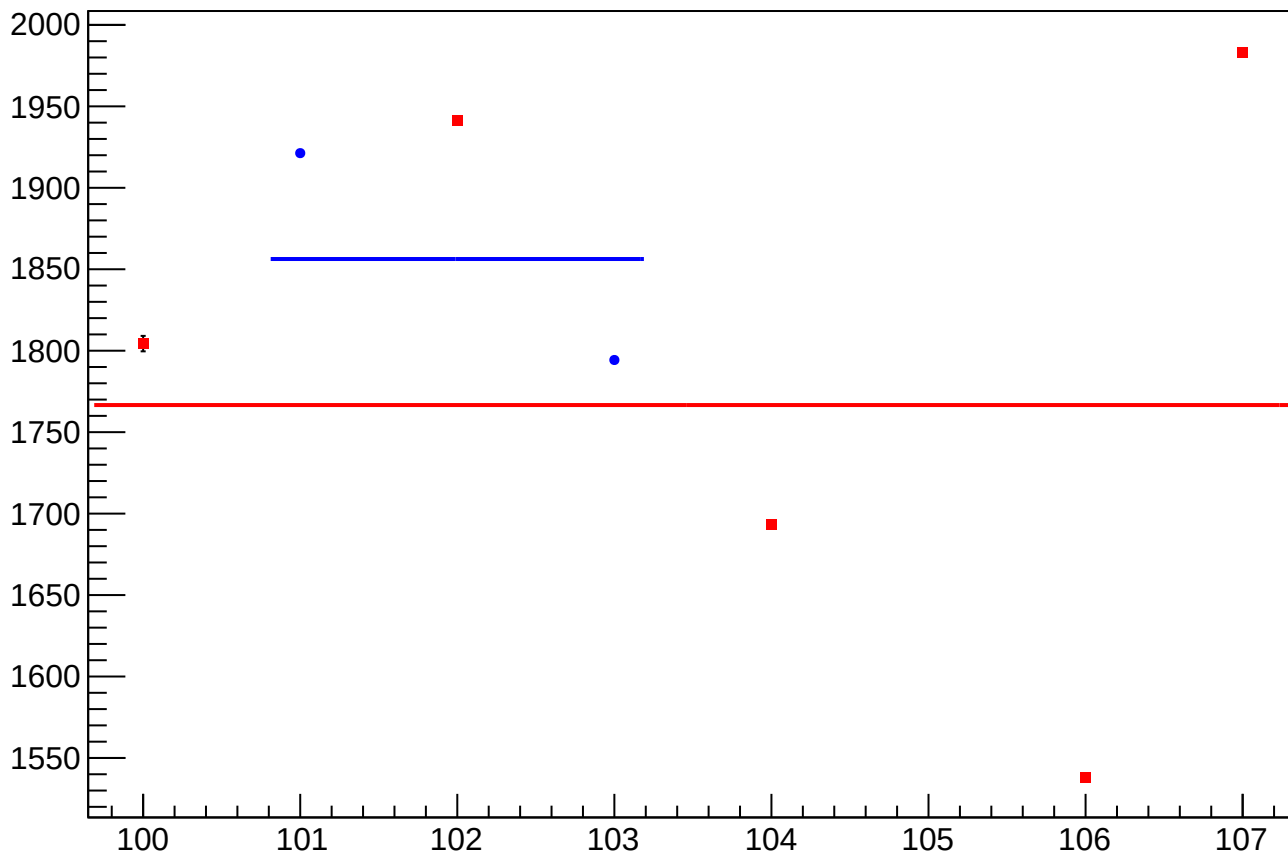
Right: -1.454+/-1.034 χ^2/NDF : 17.5/6

In: 2.696+/-1.657 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.454+/-1.034 χ^2/NDF : 17.5/6

diff_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 1856.289+/-1.171 χ^2/NDF : 2935.9/1

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

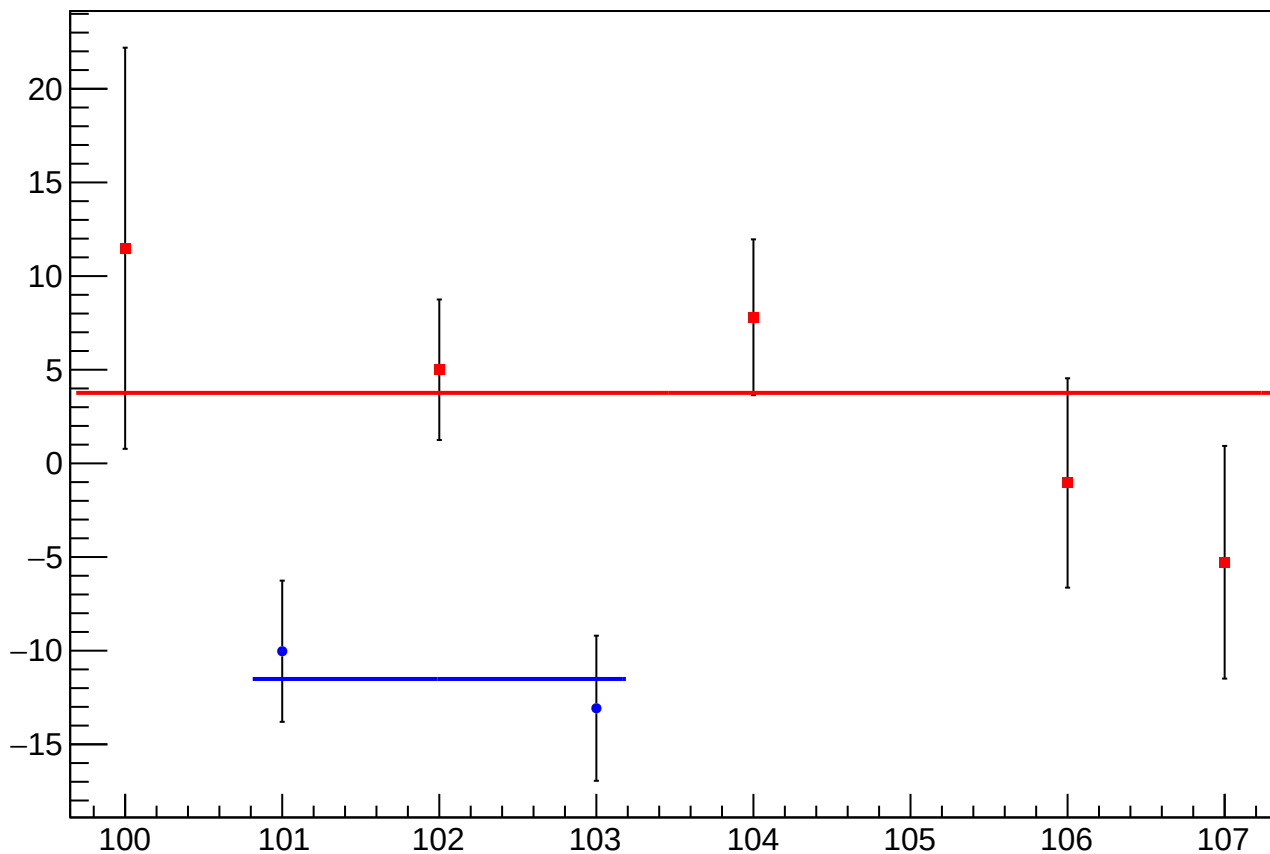
Right: 1801.564+/-0.731 χ^2/NDF : 38926.5/6

In: 1856.289+/-1.171 χ^2/NDF : 2935.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1801.564+/-0.731 χ^2/NDF : 38926.5/6

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -11.510 $\pm$ 2.702 χ^2 /NDF: 0.3/1

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

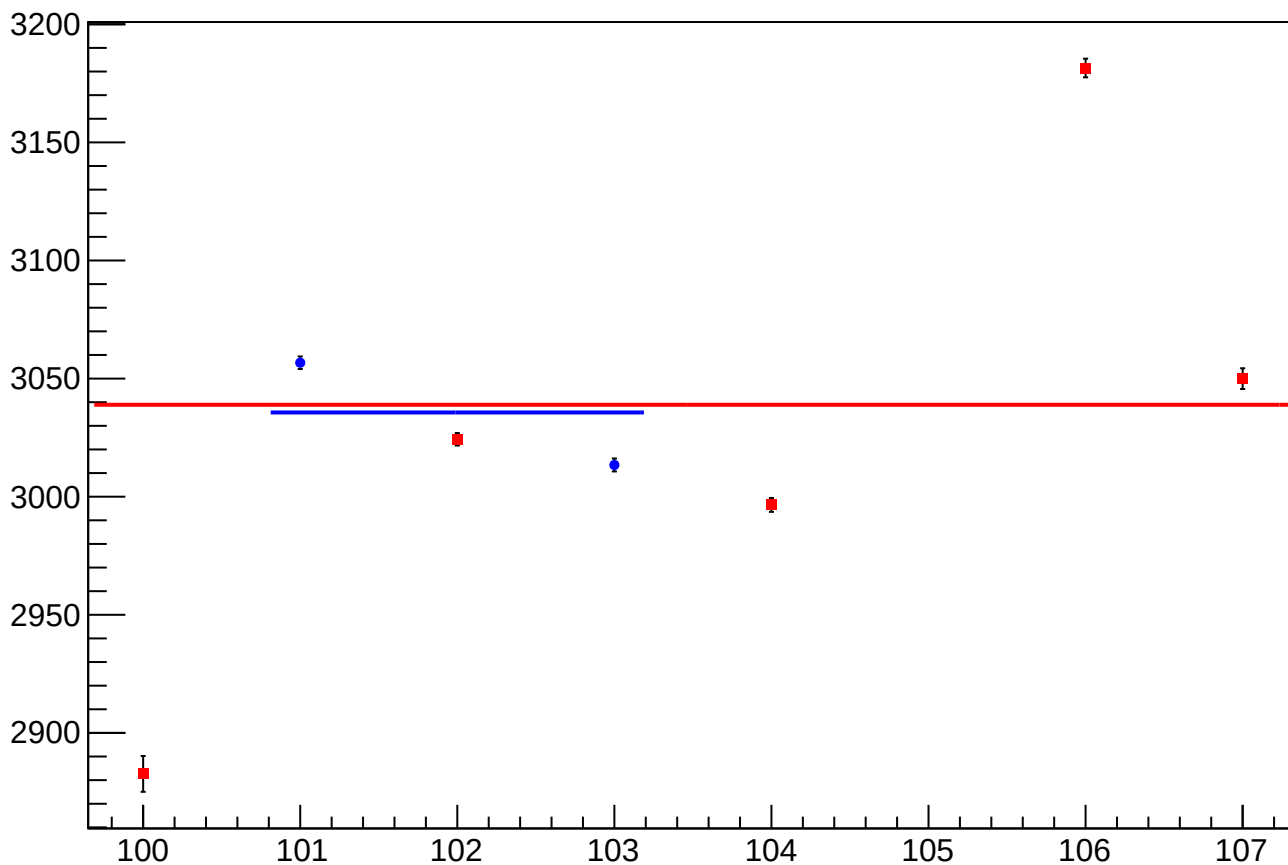
Right: -2.529 $\pm$ 1.734 χ^2 /NDF: 23.5/6

In: -11.510 $\pm$ 2.702 χ^2 /NDF:0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.529 $\pm$ 1.734 χ^2 /NDF: 23.5/6

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3035.659+/-1.910 χ^2/NDF : 128.2/1

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

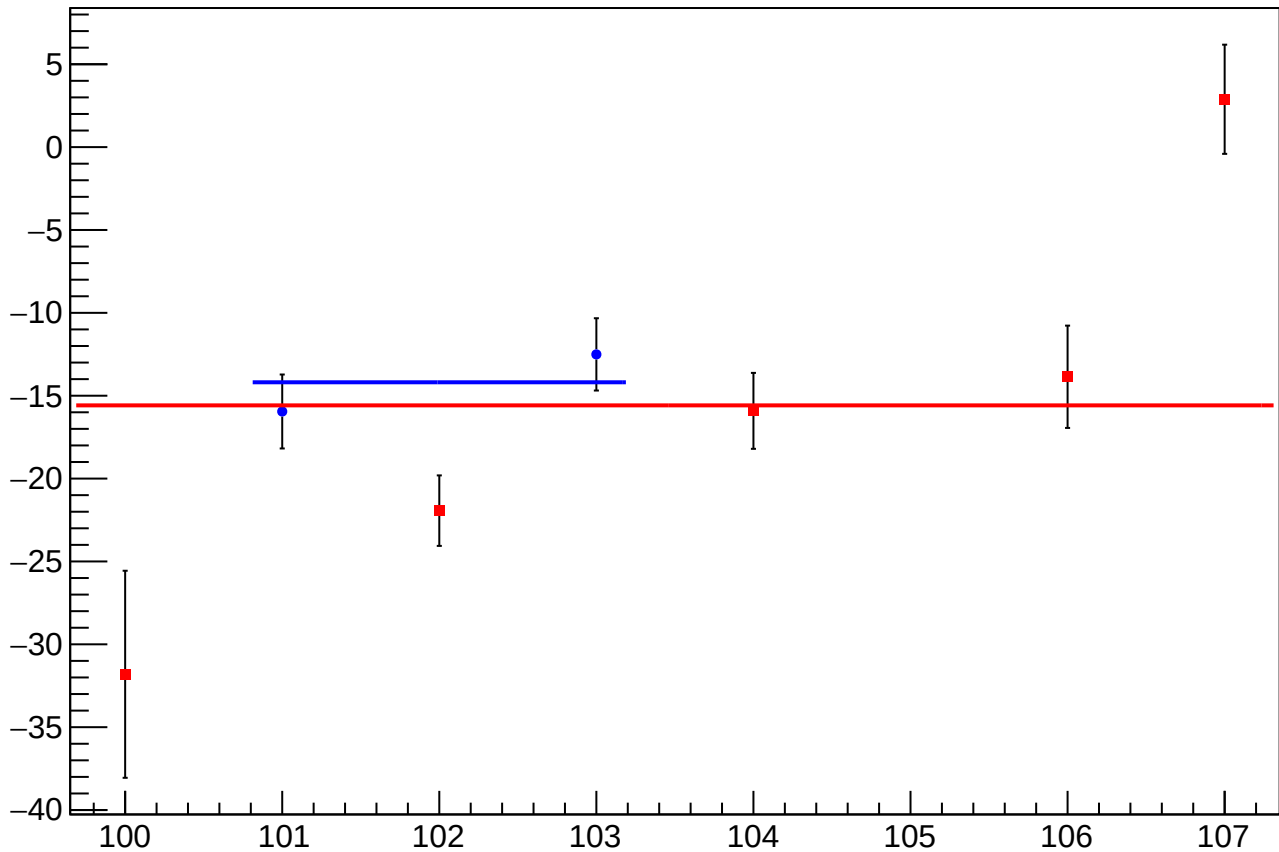
Right: 3037.576+/-1.226 χ^2/NDF : 2101.8/6

In: 3035.659+/-1.910 χ^2/NDF : 128.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3037.576+/-1.226 χ^2/NDF : 2101.8/6

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -14.190 $\pm$ 1.560 χ^2 /NDF: 1.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -15.583 $\pm$ 1.256 χ^2 /NDF: 47.4/4

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

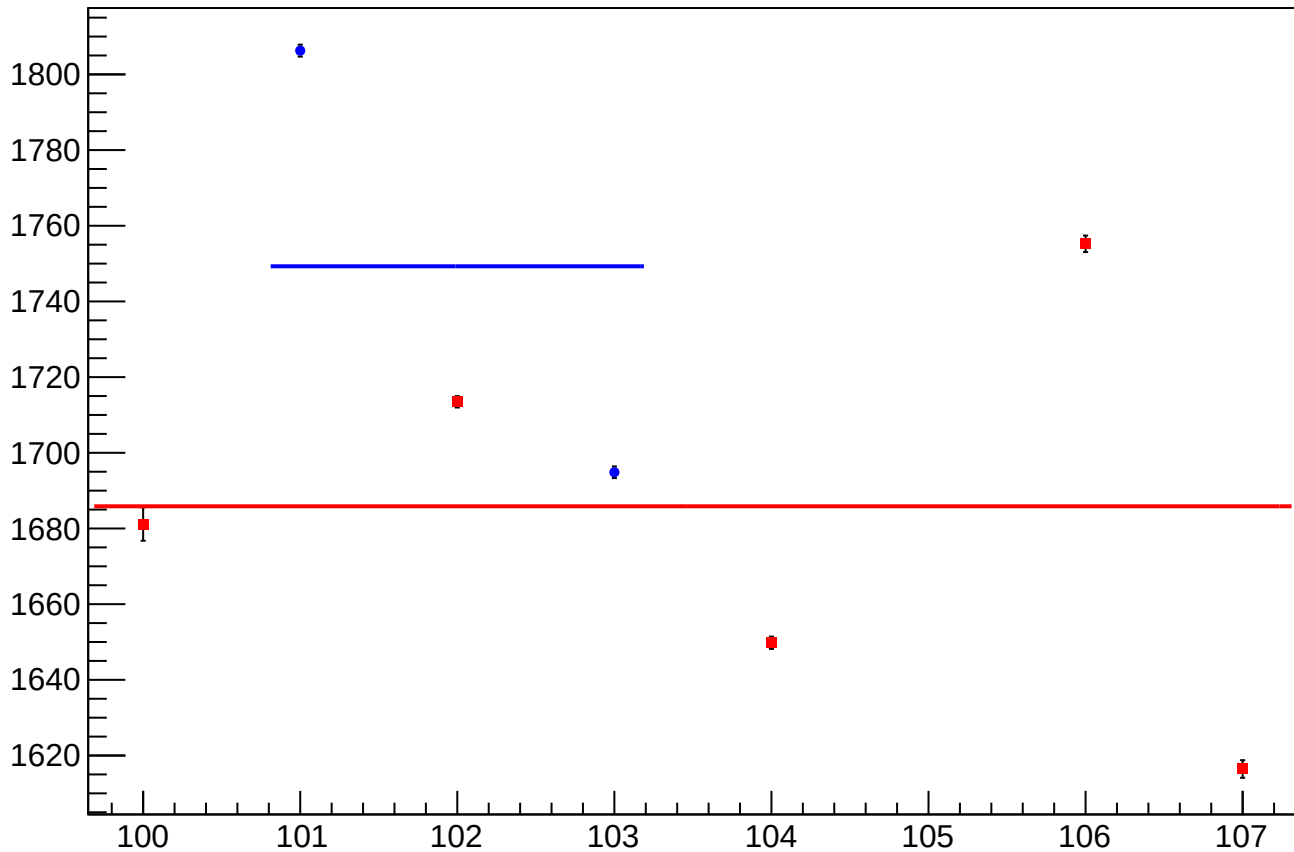
Right: -15.035 $\pm$ 0.978 χ^2 /NDF: 49.1/6

In: -14.190 $\pm$ 1.560 χ^2 /NDF: 1.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -15.035 $\pm$ 0.978 χ^2 /NDF: 49.1/6

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1749.292 $\pm$ 1.103 χ^2 /NDF: 2550.5/1

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

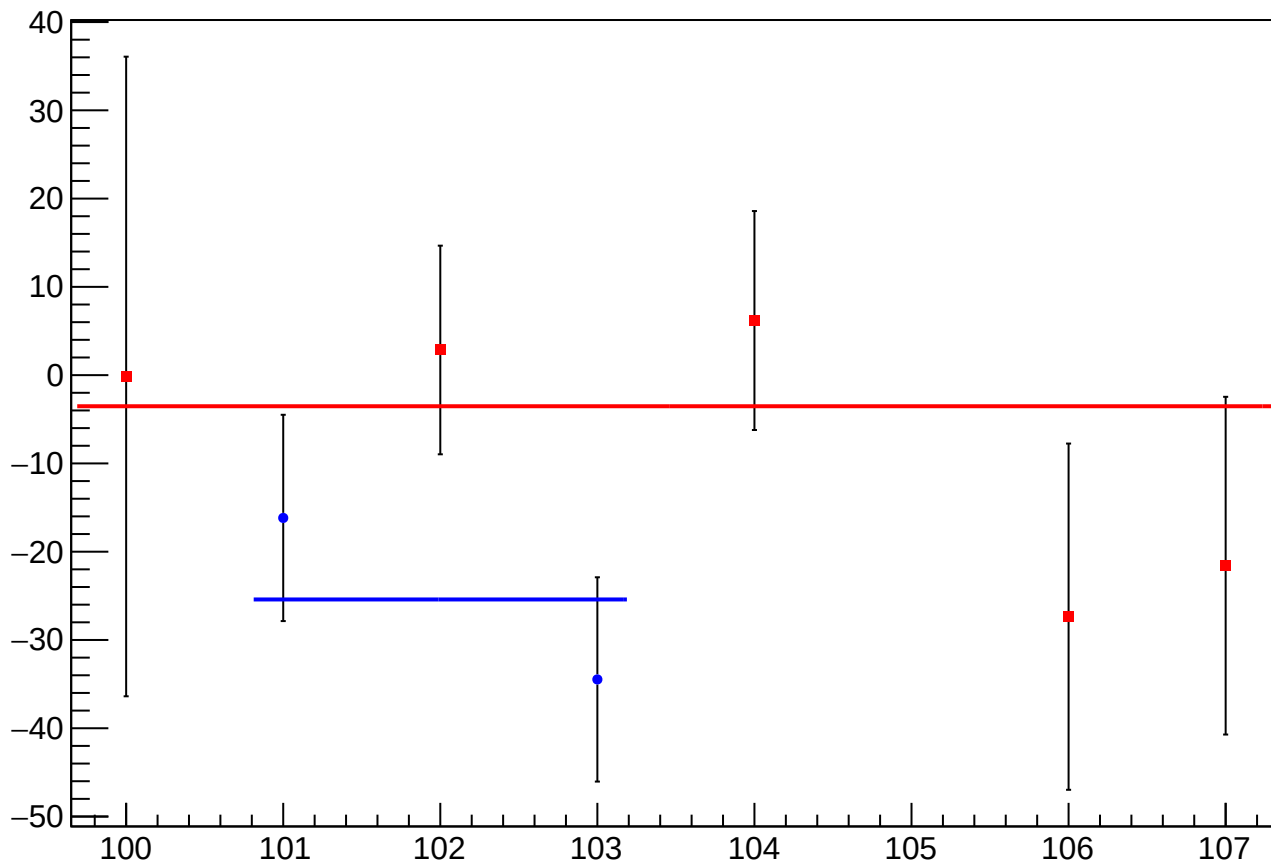
Right: 1710.807 $\pm$ 0.692 χ^2 /NDF: 7289.3/6

In: 1749.292 $\pm$ 1.103 χ^2 /NDF:2550.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1710.807 $\pm$ 0.692 χ^2 /NDF: 7289.3/6

diff_bpm0l02X_mean vs Slug, Sign Corrected



Right In: -25.411 $\pm$ 8.222 χ^2 /NDF: 1.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.523 $\pm$ 7.114 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

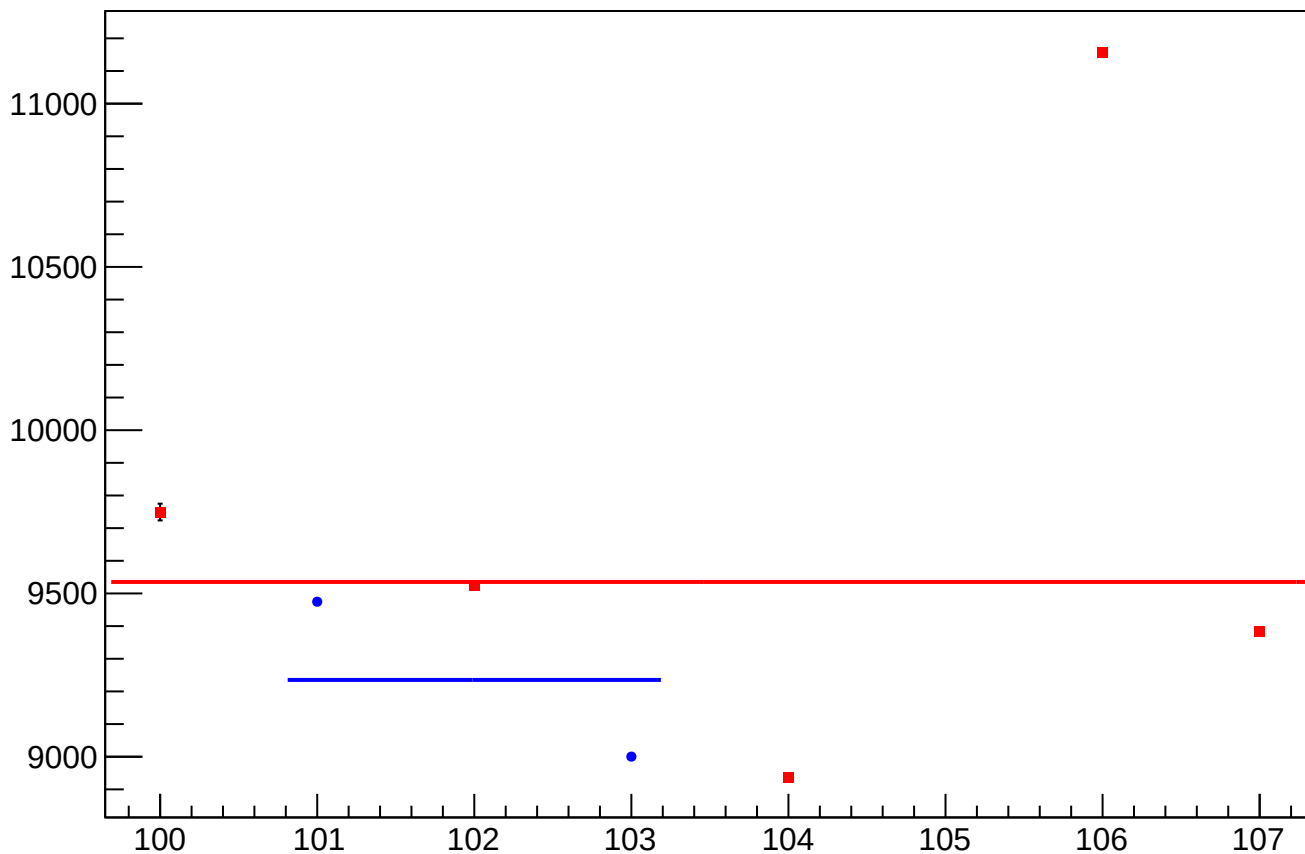
Right: -12.894 $\pm$ 5.380 χ^2 /NDF: 8.6/6

In: -25.411 $\pm$ 8.222 χ^2 /NDF: 1.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -12.894 $\pm$ 5.380 χ^2 /NDF: 8.6/6

diff_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 9235.216+/-5.814 χ^2/NDF : 1664.7/1

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

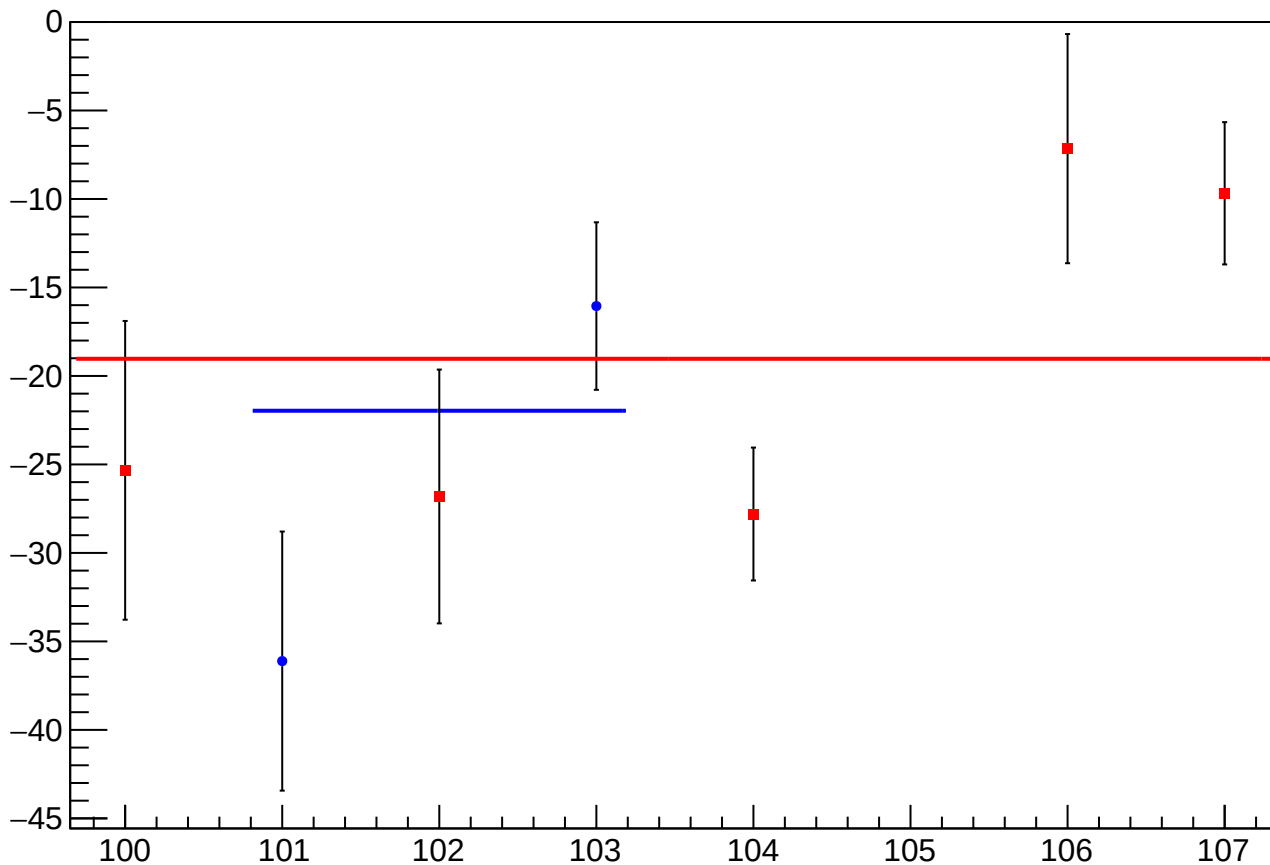
Right: 9406.781+/-3.804 χ^2/NDF : 21754.2/6

In: 9235.216+/-5.814 χ^2/NDF : 1664.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9406.781+/-3.804 χ^2/NDF : 21754.2/6

diff_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: -21.966 $\pm$ 3.975 χ^2 /NDF: 5.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -19.030 $\pm$ 2.293 χ^2 /NDF: 16.0/4

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

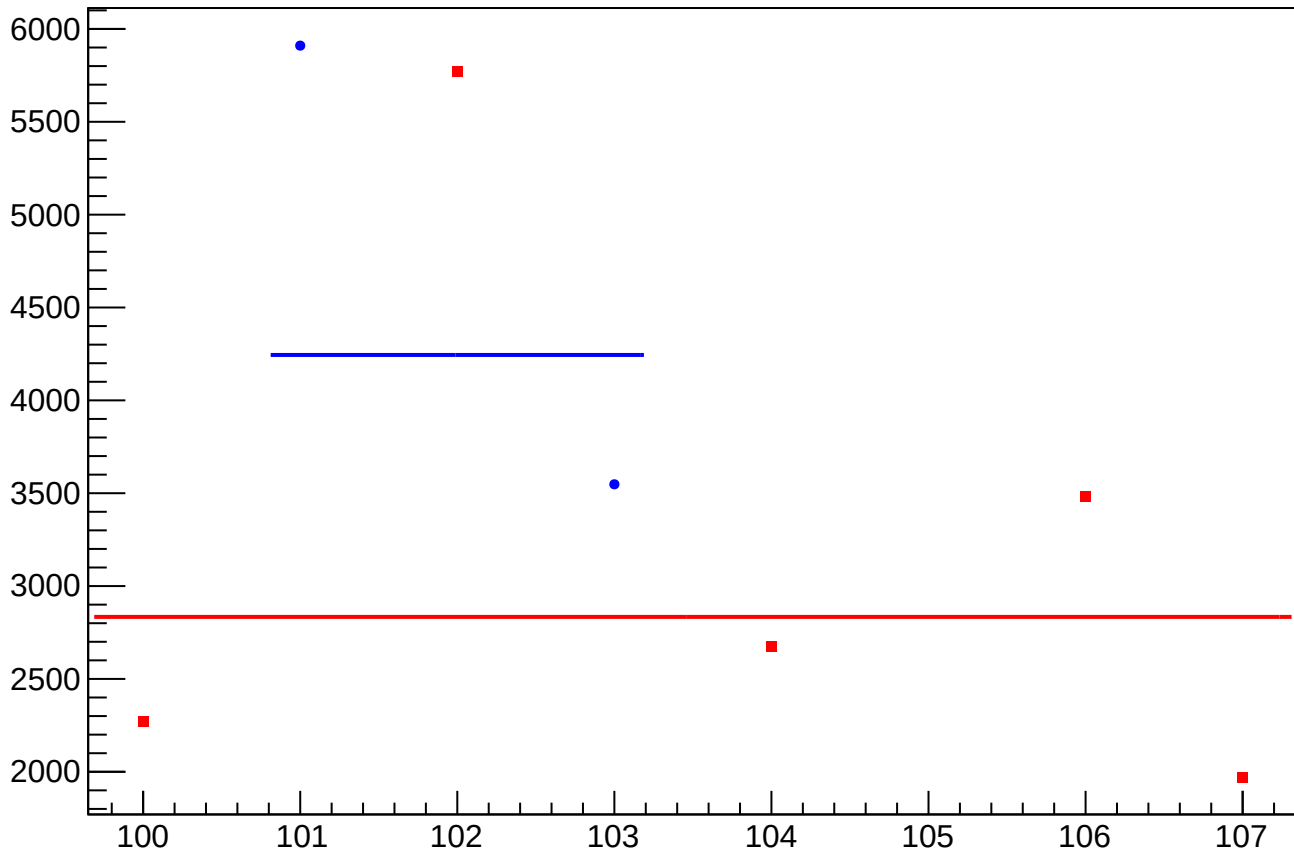
Right: -19.763 $\pm$ 1.986 χ^2 /NDF: 21.7/6

In: -21.966 $\pm$ 3.975 χ^2 /NDF:5.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -19.763 $\pm$ 1.986 χ^2 /NDF: 21.7/6

diff_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 4244.508+/-2.810 χ^2/NDF : 146860.8/1

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

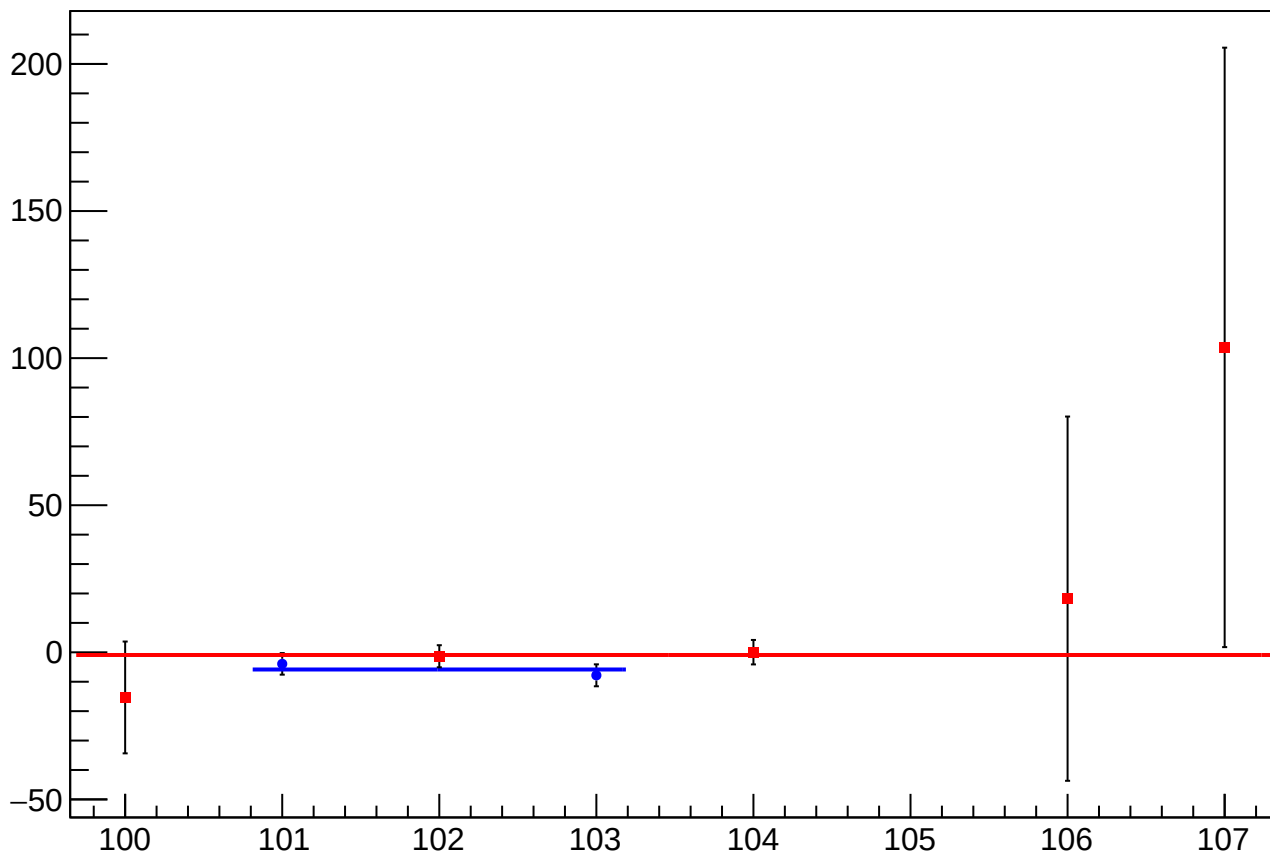
Right: 3186.242+/-1.404 χ^2/NDF : 795519.5/6

In: 4244.508+/-2.810 χ^2/NDF : 146860.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3186.242+/-1.404 χ^2/NDF : 795519.5/6

diff_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -5.841+/-2.616 χ^2/NDF : 0.6/1

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

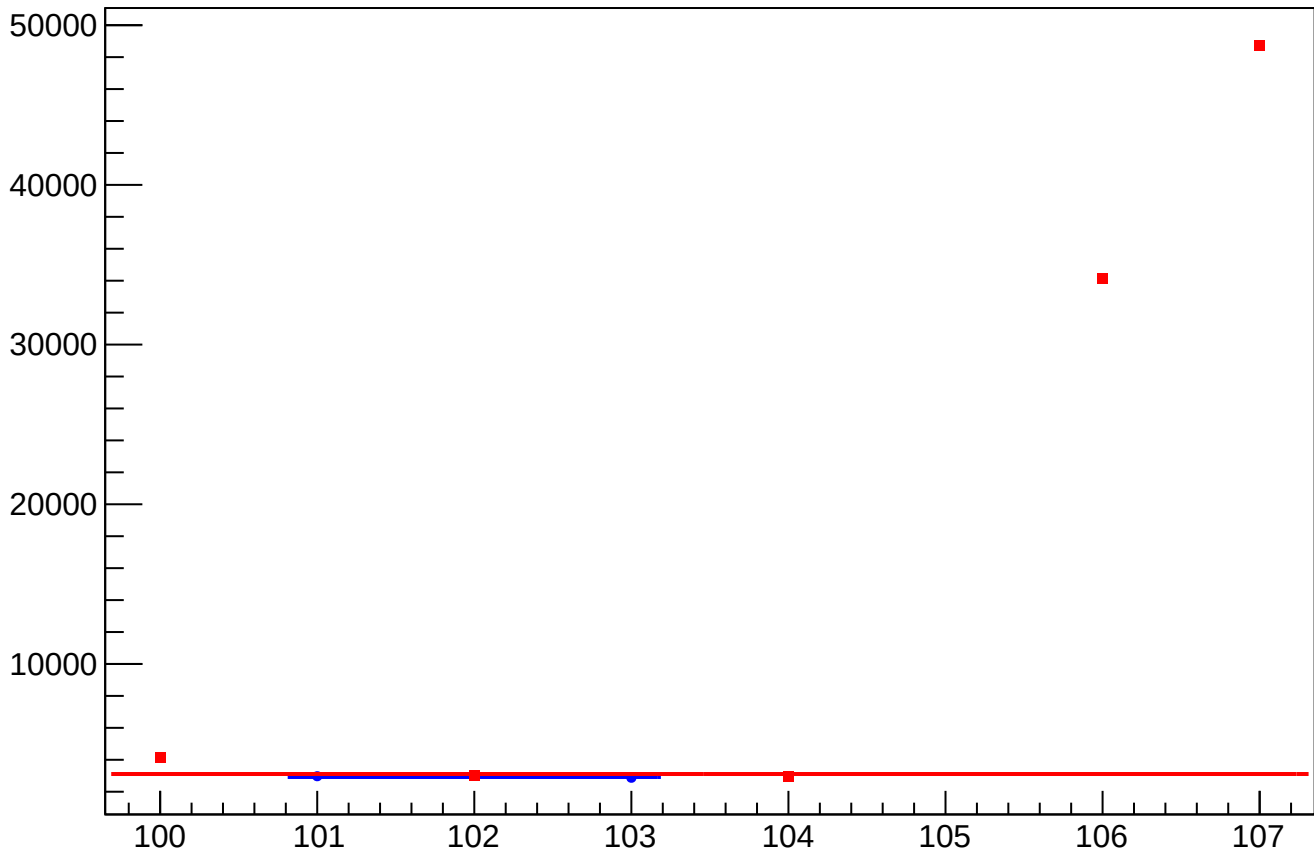
Right: -3.502+/-1.896 χ^2/NDF : 4.0/6

In: -5.841+/-2.616 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.502+/-1.896 χ^2/NDF : 4.0/6

diff_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 2923.473+/-1.849 χ^2/NDF : 675.7/1

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

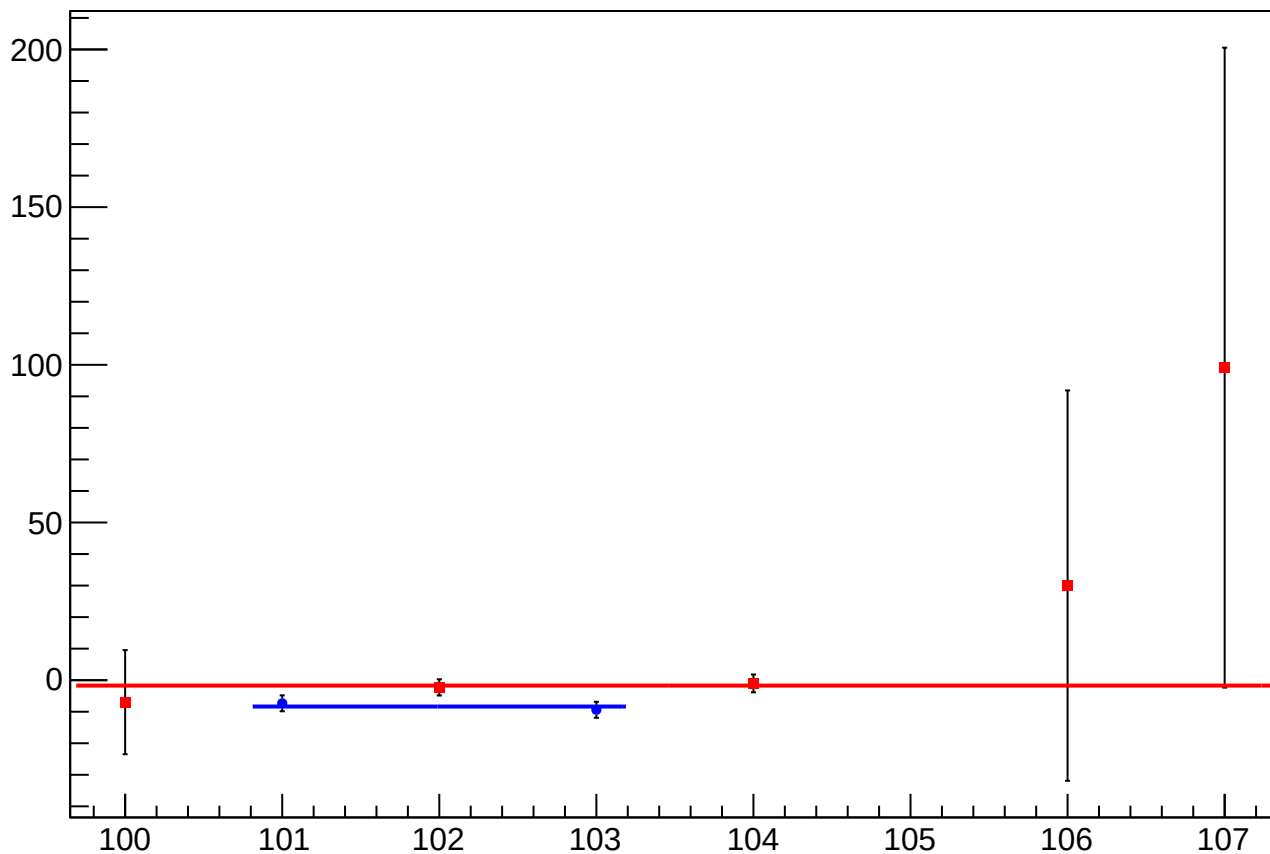
Right: 3011.624+/-1.341 χ^2/NDF : 917946.1/6

In: 2923.473+/-1.849 χ^2/NDF : 675.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3011.624+/-1.341 χ^2/NDF : 917946.1/6

diff_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: -8.354+/-1.789 χ^2/NDF : 0.3/1

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

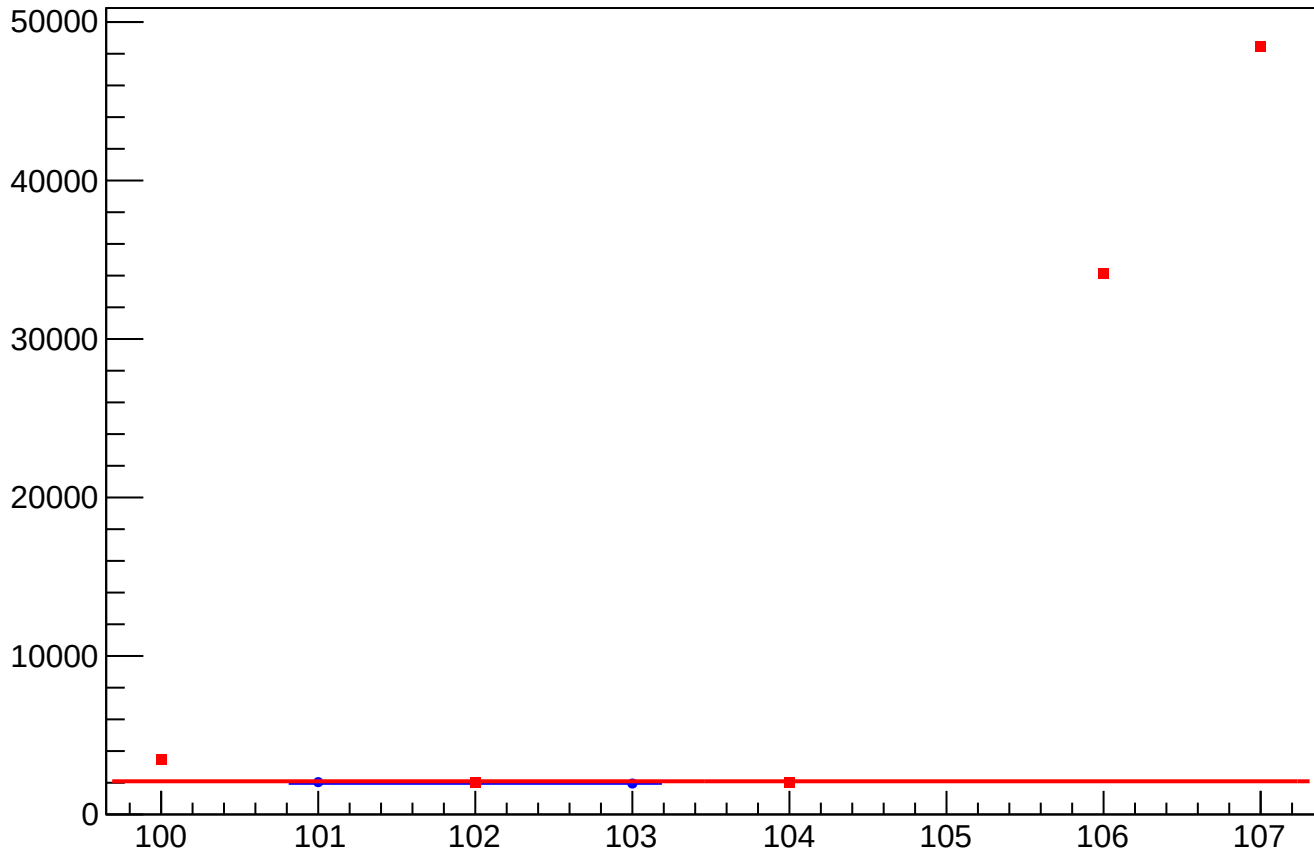
Right: -5.214+/-1.299 χ^2/NDF : 8.3/6

In: -8.354+/-1.789 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.214+/-1.299 χ^2/NDF : 8.3/6

diff_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 1995.024+/-1.265 χ^2/NDF : 1208.1/1

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

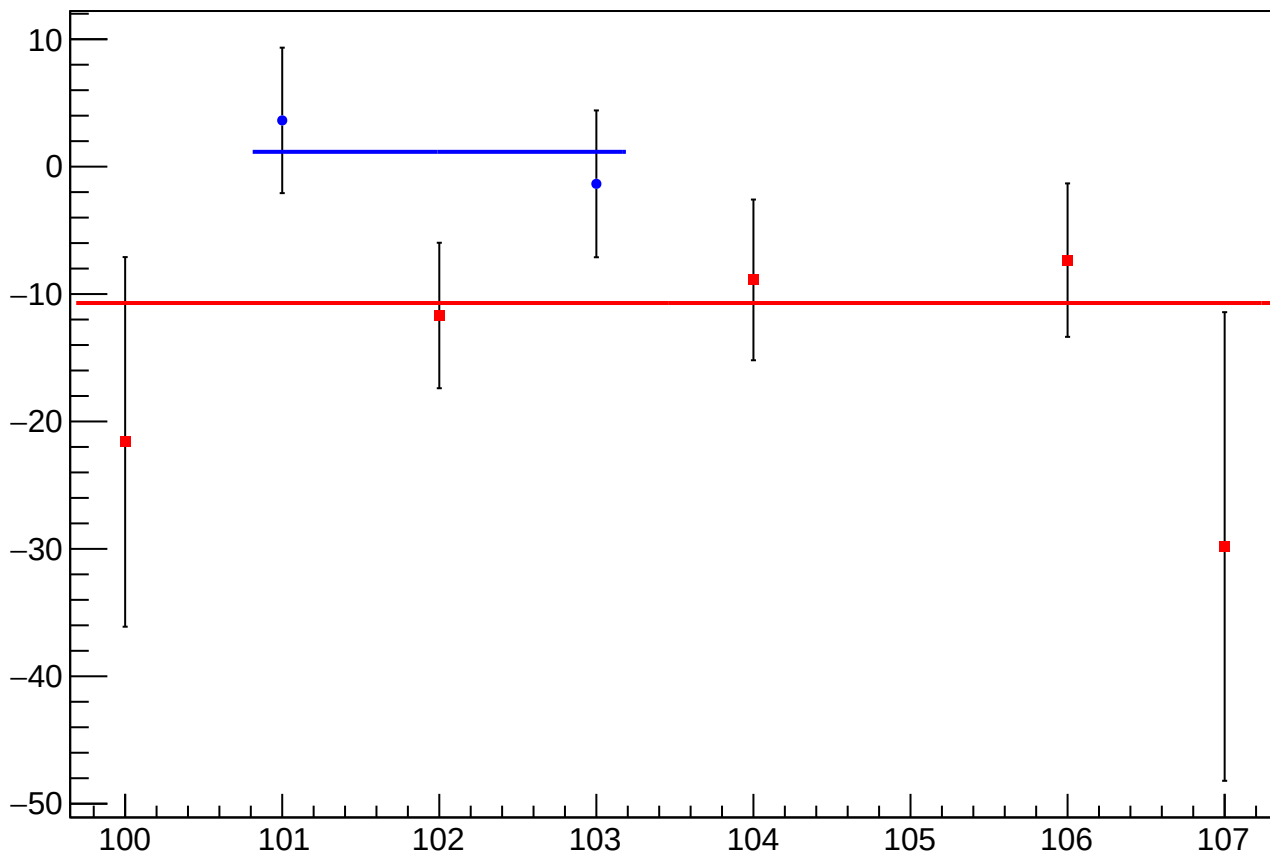
Right: 2041.286+/-0.919 χ^2/NDF : 974250.5/6

In: 1995.024+/-1.265 χ^2/NDF : 1208.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2041.286+/-0.919 χ^2/NDF : 974250.5/6

diff_bpm0l04X_mean vs Slug, Sign Corrected



Right In: 1.163+/-4.055 χ^2/NDF : 0.4/1

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

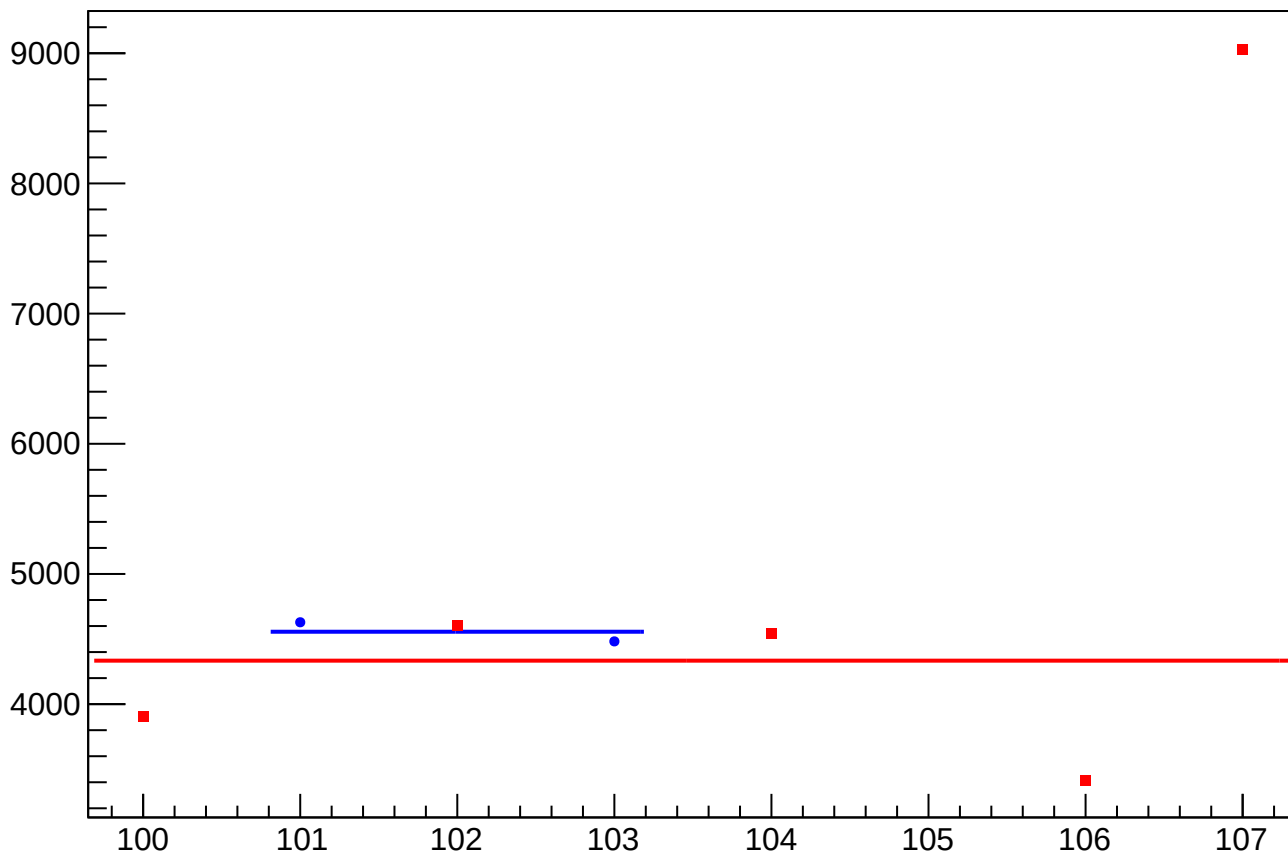
Right: -5.953+/-2.566 χ^2/NDF : 7.6/6

In: 1.163+/-4.055 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.953+/-2.566 χ^2/NDF : 7.6/6

diff_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 4556.227+/-2.867 χ^2/NDF : 656.3/1

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

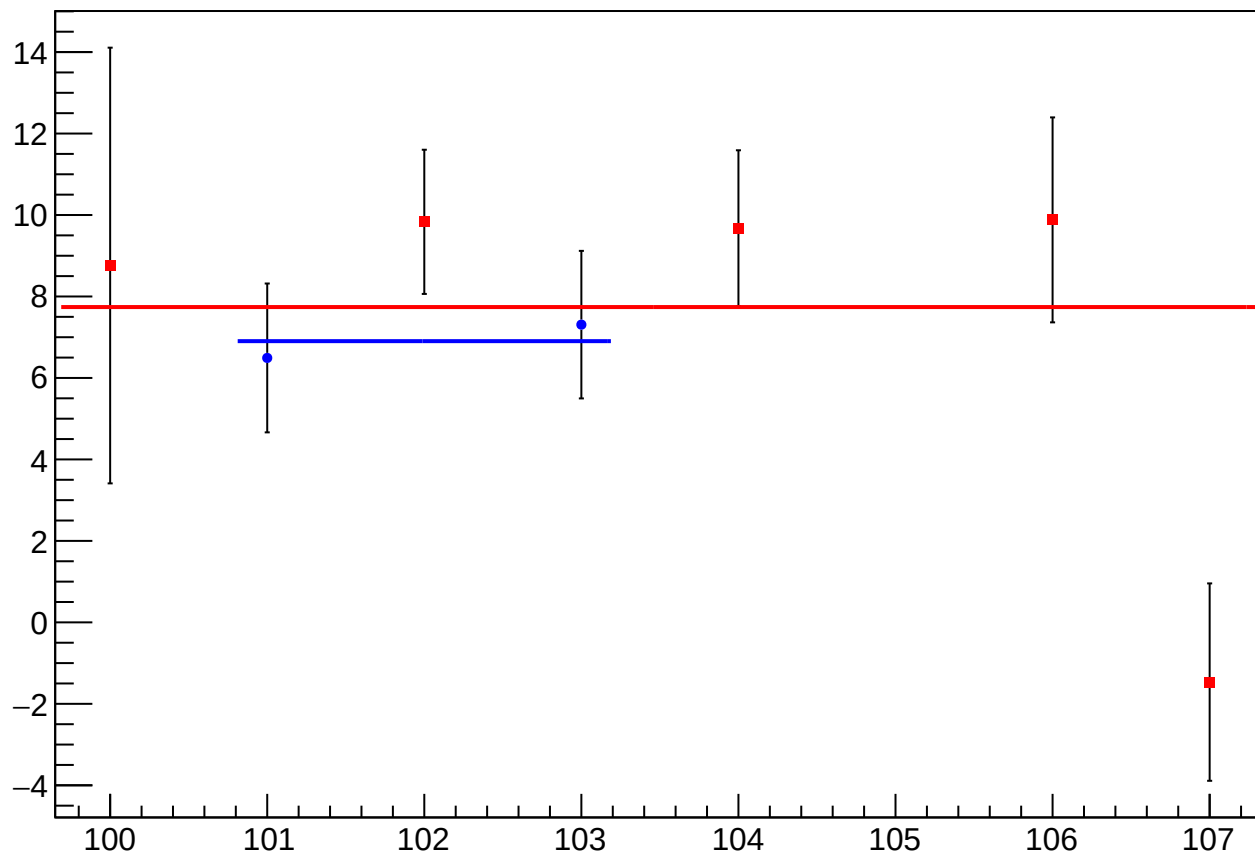
Right: 4422.991+/-1.814 χ^2/NDF : 189570.9/6

In: 4556.227+/-2.867 χ^2/NDF : 656.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4422.991+/-1.814 χ^2/NDF : 189570.9/6

diff_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: 6.904 $\pm$ 1.286 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7.740 $\pm$ 1.023 χ^2 /NDF: 17.6/4

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

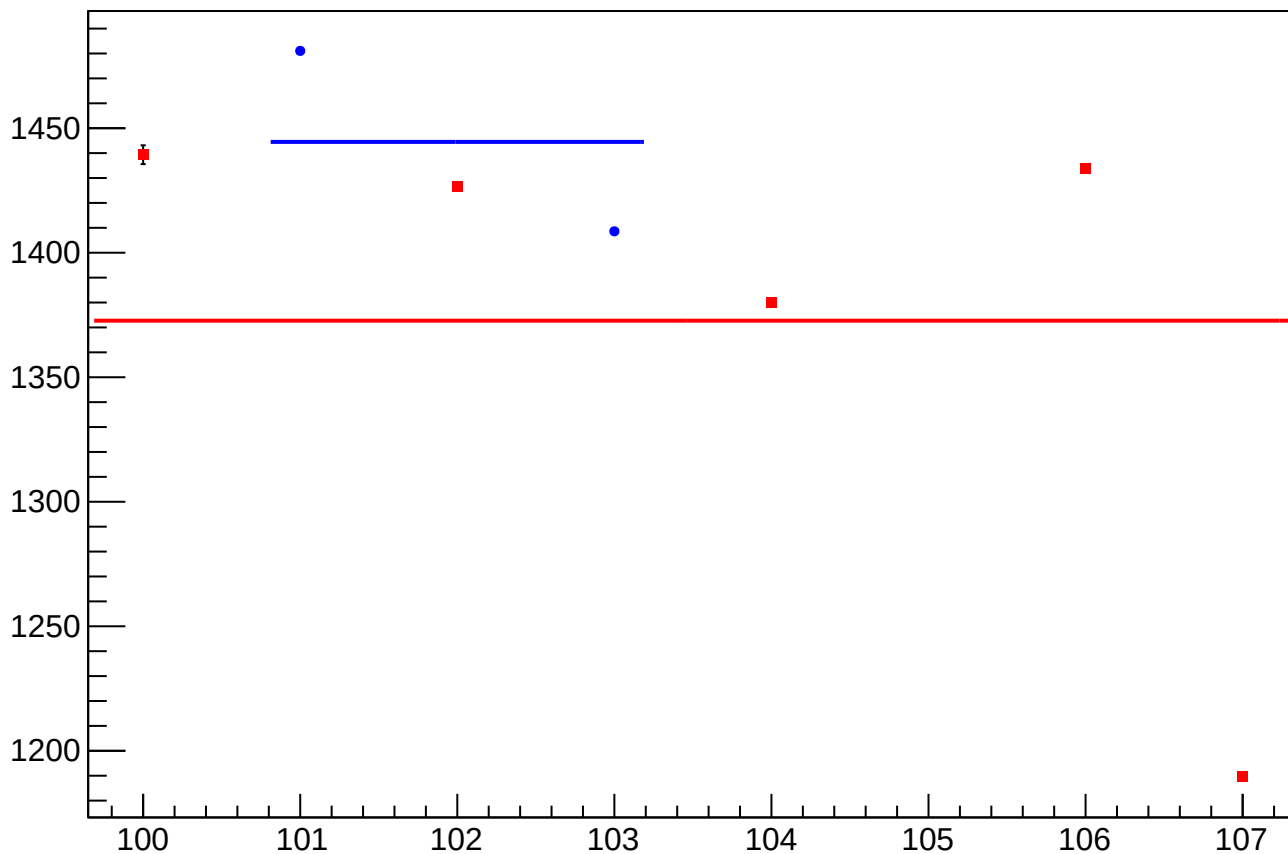
Right: 7.416 $\pm$ 0.801 χ^2 /NDF: 18.0/6

In: 6.904 $\pm$ 1.286 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.416 $\pm$ 0.801 χ^2 /NDF: 18.0/6

diff_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 1444.500+/-0.910 χ^2/NDF : 1586.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1372.715+/-0.724 χ^2/NDF : 14791.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

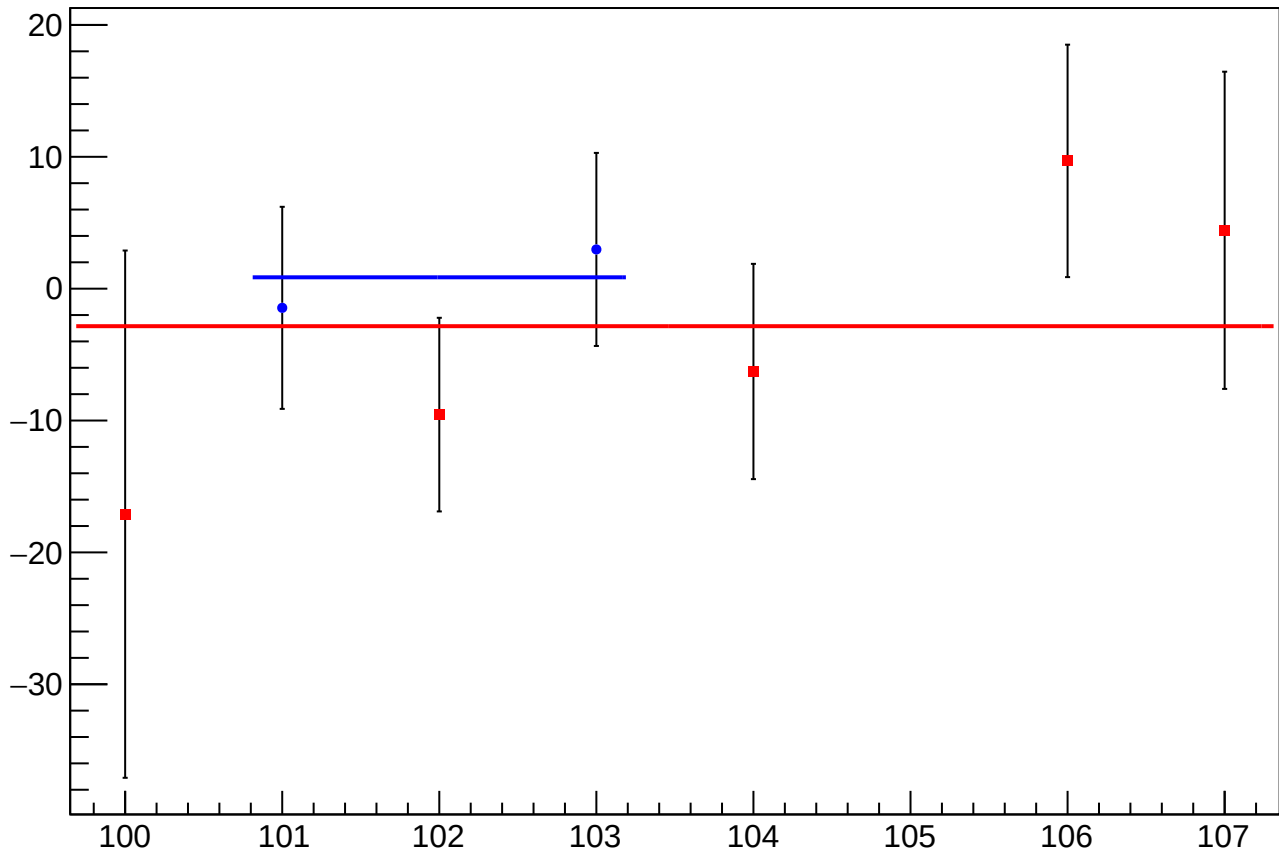
Right: 1400.539+/-0.566 χ^2/NDF : 20192.3/6

In: 1444.500+/-0.910 χ^2/NDF : 1586.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1400.539+/-0.566 χ^2/NDF : 20192.3/6

diff_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 0.862+/-5.293 χ^2/NDF : 0.2/1

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

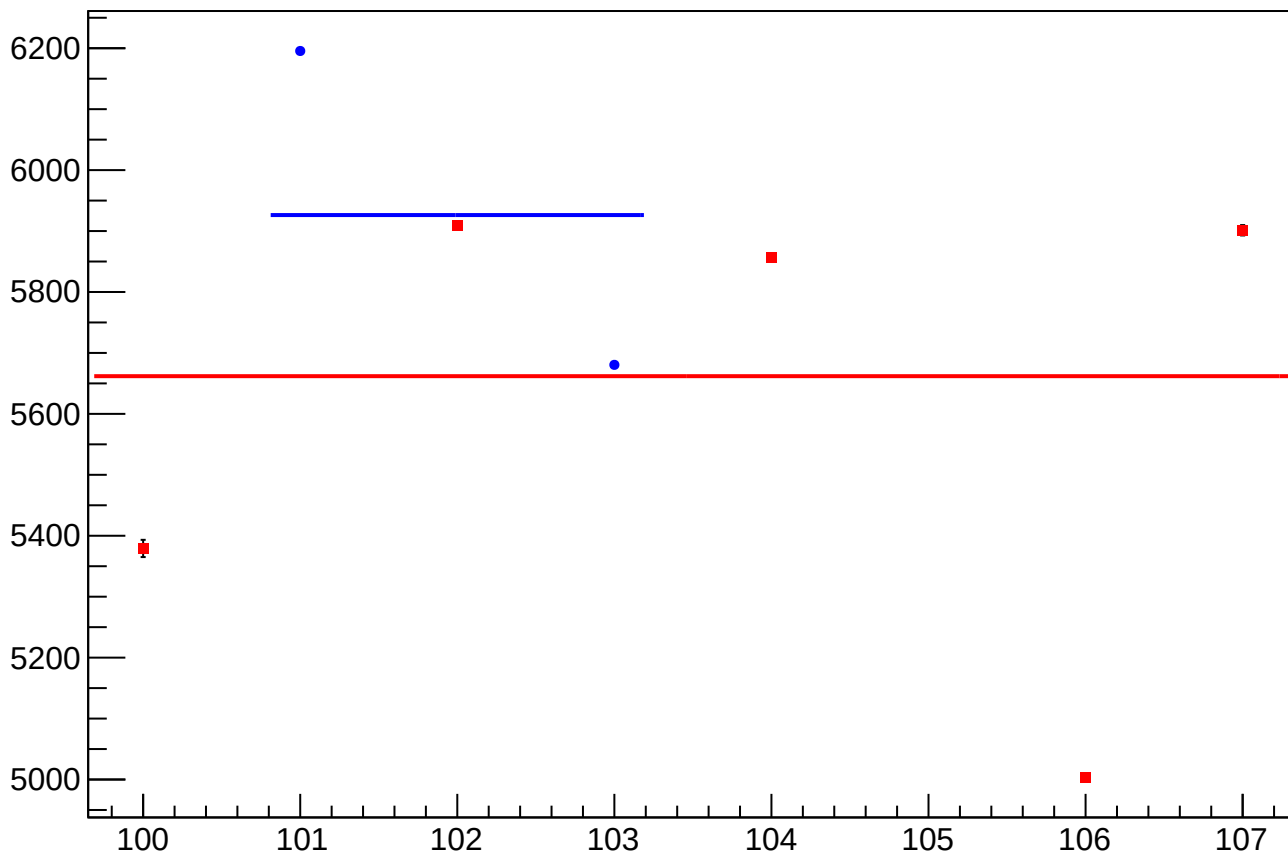
Right: -1.400+/-3.305 χ^2/NDF : 4.4/6

In: 0.862+/-5.293 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.400+/-3.305 χ^2/NDF : 4.4/6

diff_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 5926.244+/-3.743 χ^2/NDF : 4724.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5661.859+/-2.992 χ^2/NDF : 15745.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

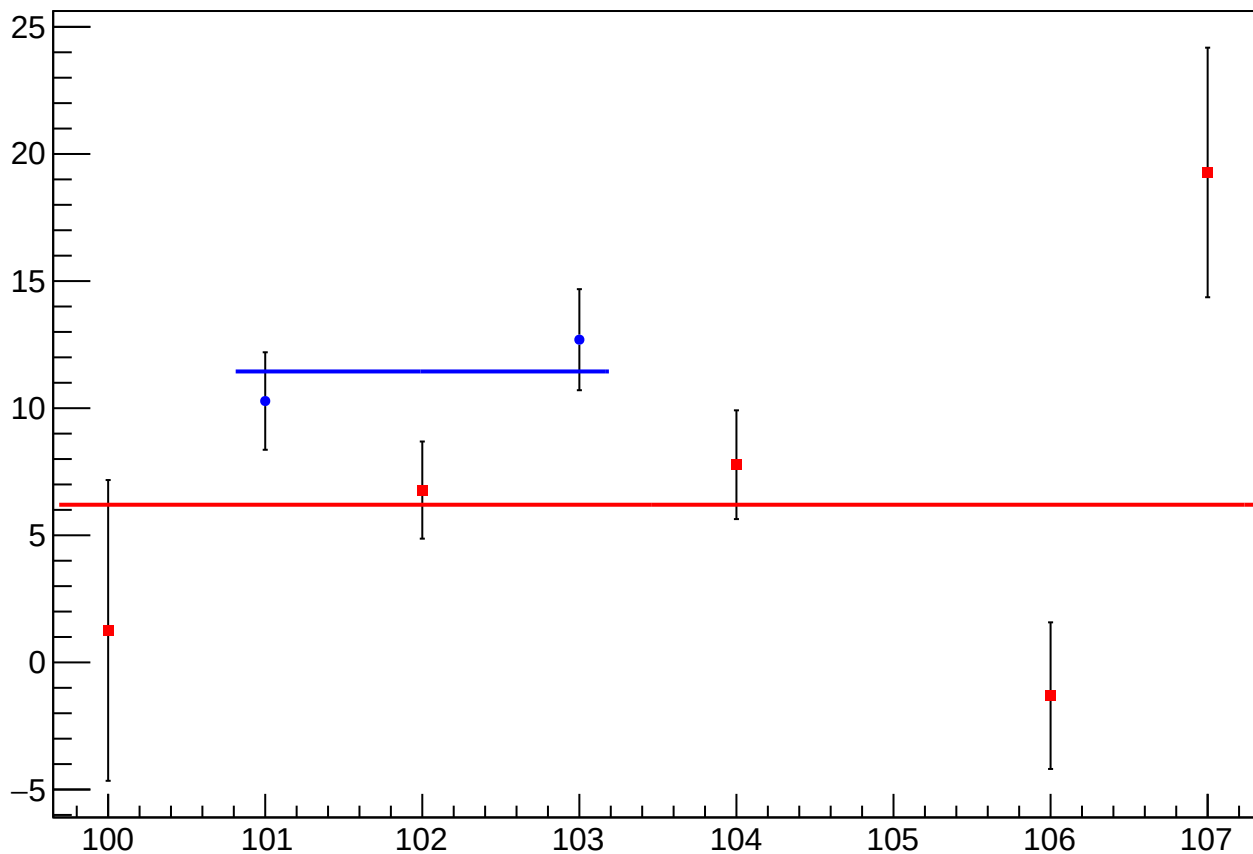
Right: 5764.947+/-2.337 χ^2/NDF : 23514.2/6

In: 5926.244+/-3.743 χ^2/NDF : 4724.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5764.947+/-2.337 χ^2/NDF : 23514.2/6

diff_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 11.445 $\pm$ 1.380 χ^2 /NDF: 0.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.202 $\pm$ 1.210 χ^2 /NDF: 15.2/4

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

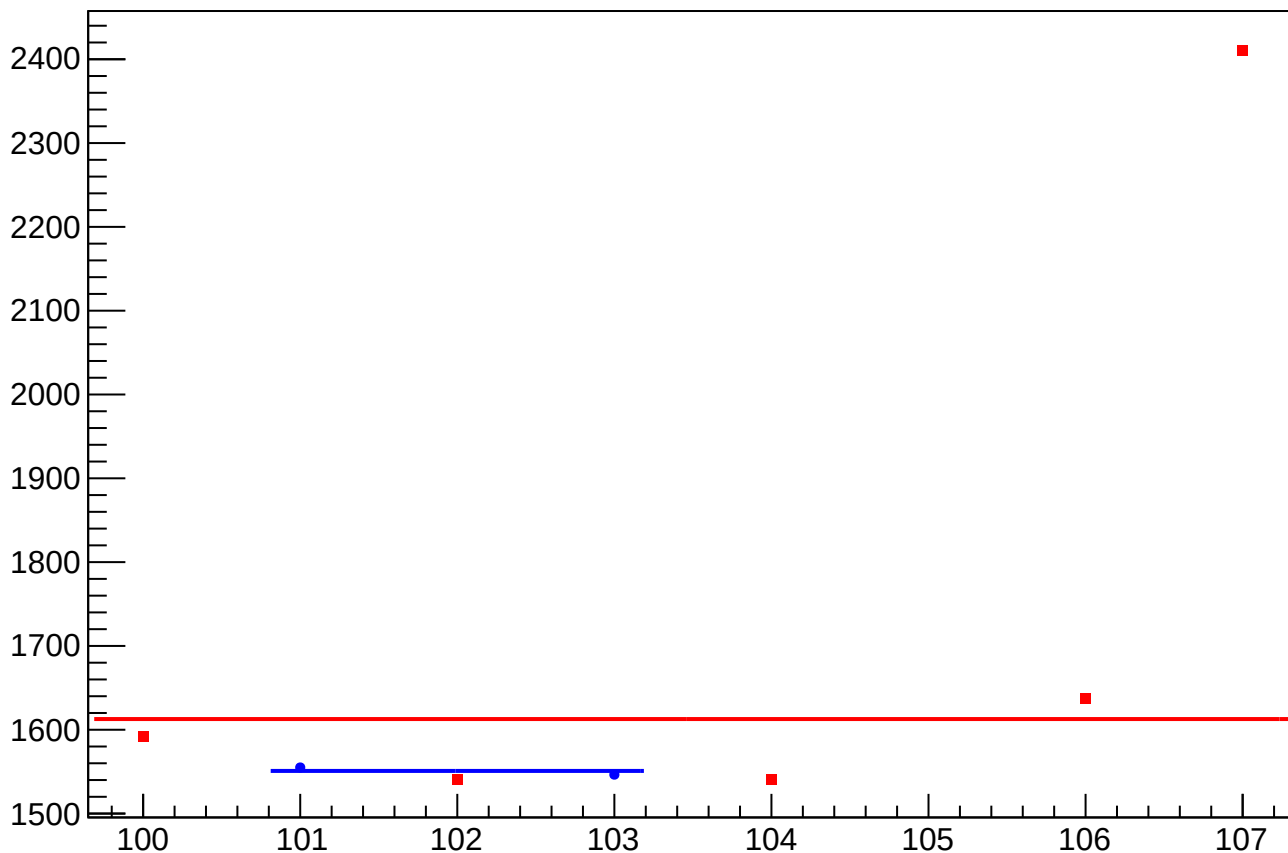
Right: 8.482 $\pm$ 0.910 χ^2 /NDF: 24.1/6

In: 11.445 $\pm$ 1.380 χ^2 /NDF: 0.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.482 $\pm$ 0.910 χ^2 /NDF: 24.1/6

diff_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 1550.869+/-0.976 χ^2/NDF : 19.1/1

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

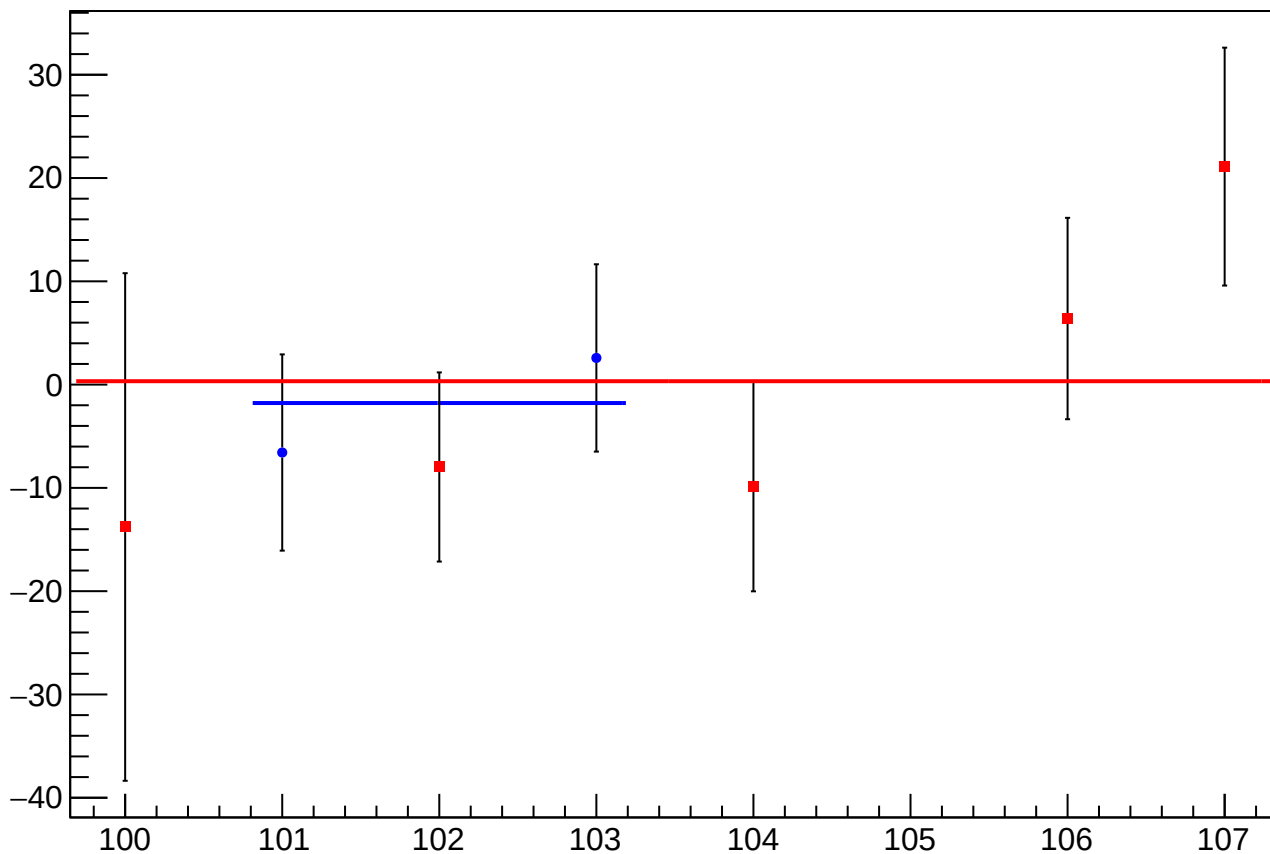
Right: 1585.860+/-0.643 χ^2/NDF : 60366.6/6

In: 1550.869+/-0.976 χ^2/NDF : 19.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1585.860+/-0.643 χ^2/NDF : 60366.6/6

diff_bpm0l06X_mean vs Slug, Sign Corrected



Right In: -1.784+/-6.560 χ^2/NDF : 0.5/1

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

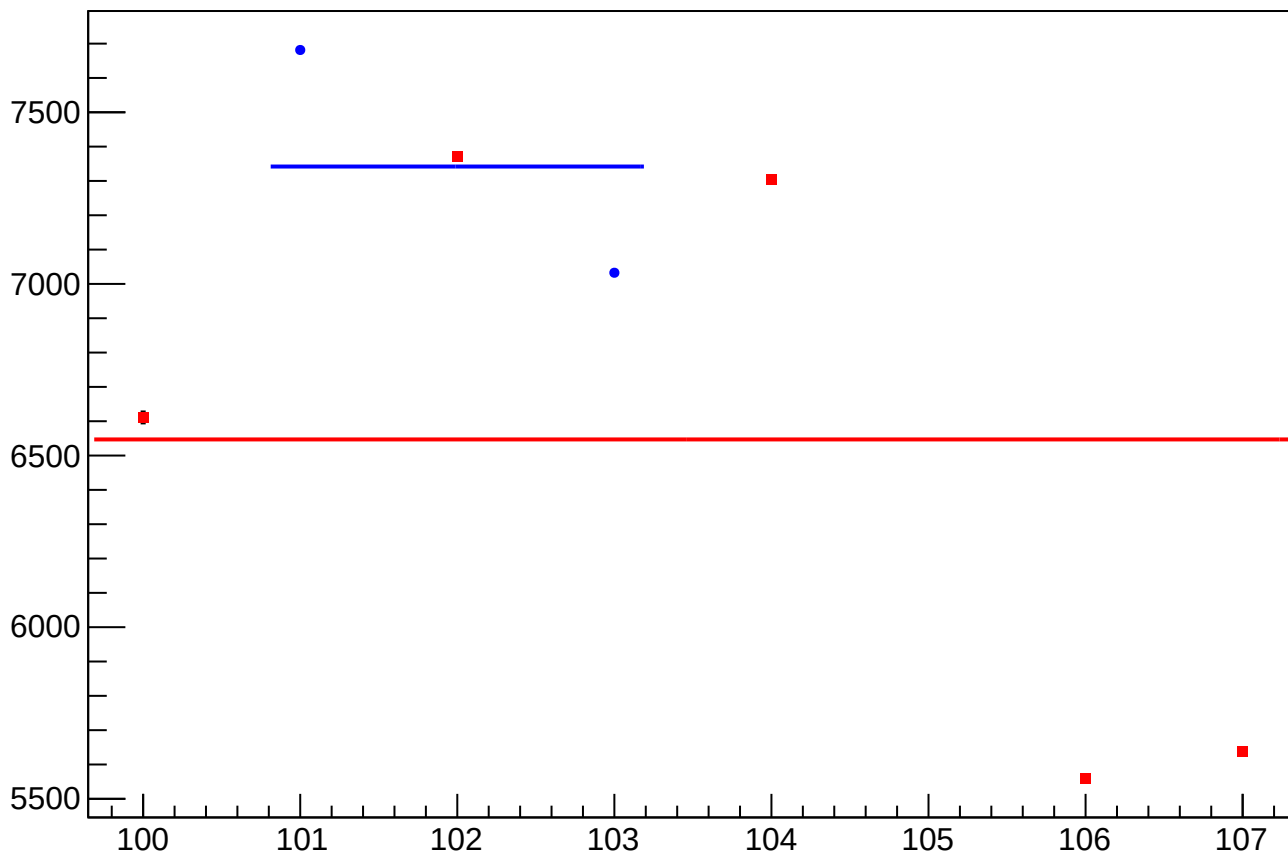
Right: -0.432+/-3.936 χ^2/NDF : 6.3/6

In: -1.784+/-6.560 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.432+/-3.936 χ^2/NDF : 6.3/6

diff_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 7341.965+/-4.639 χ^2/NDF : 4882.6/1

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

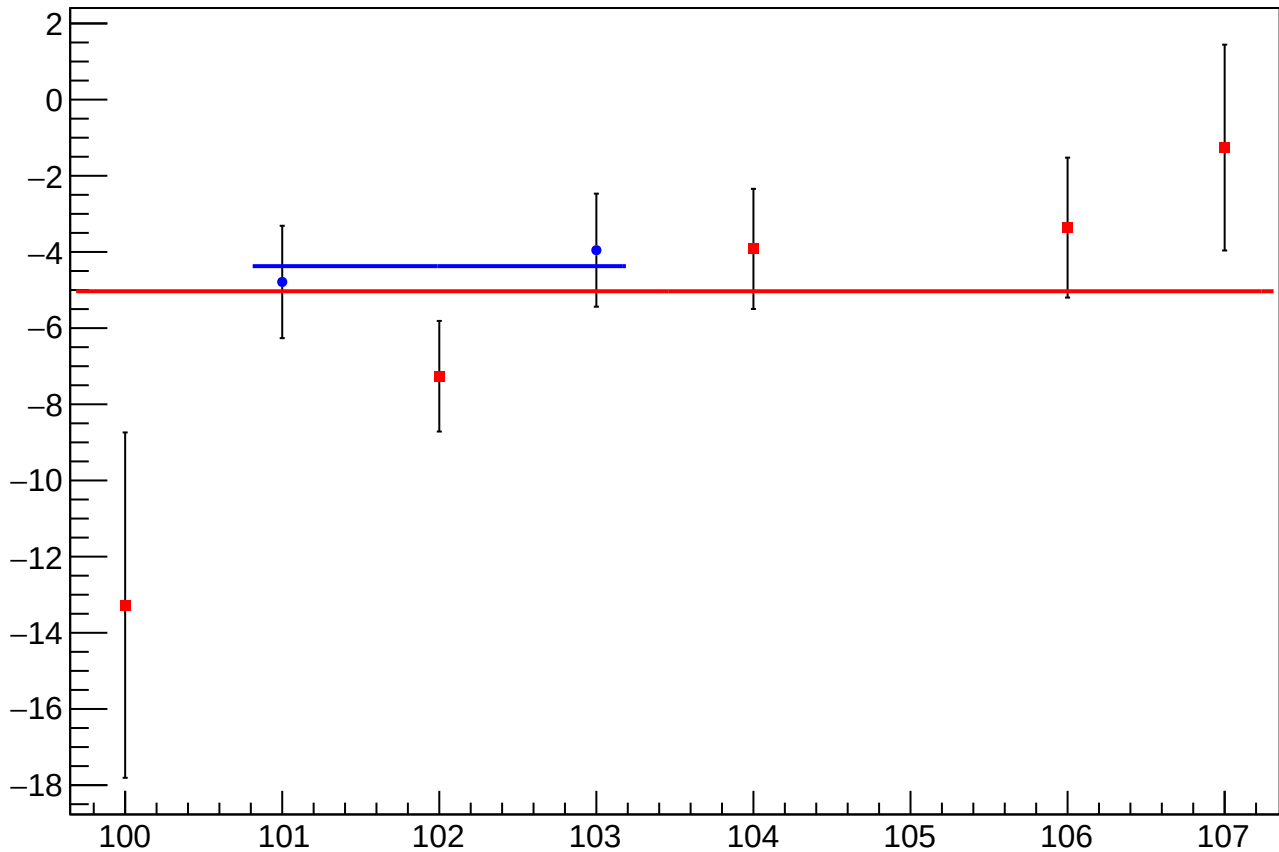
Right: 6833.227+/-2.783 χ^2/NDF : 83941.5/6

In: 7341.965+/-4.639 χ^2/NDF : 4882.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6833.227+/-2.783 χ^2/NDF : 83941.5/6

diff_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -4.373 ± 1.046 $\chi^2/\text{NDF}: 0.2/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -5.032 ± 0.858 $\chi^2/\text{NDF}: 8.9/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

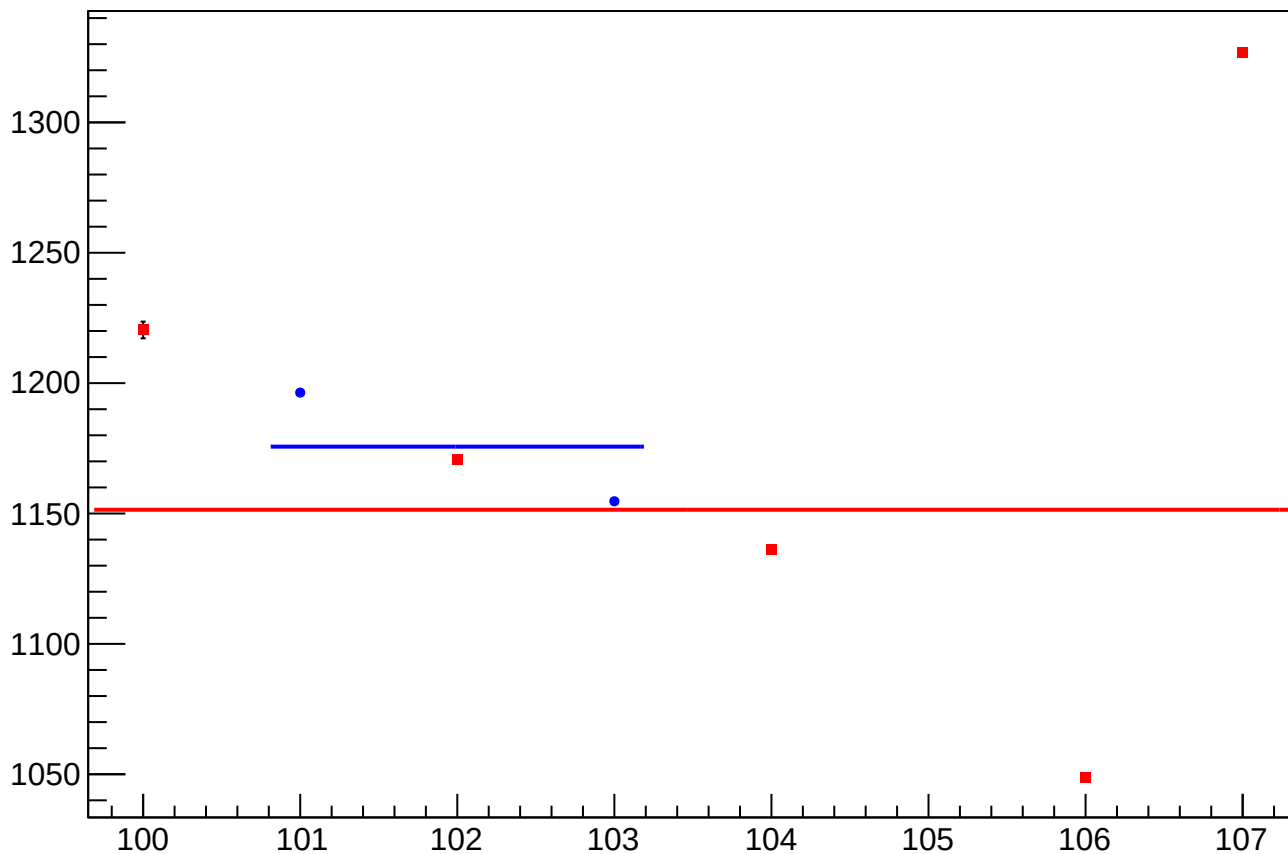
Right: -4.767 ± 0.663 $\chi^2/\text{NDF}: 9.3/6$

In: -4.373 ± 1.046 $\chi^2/\text{NDF}: 0.2/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -4.767 ± 0.663 $\chi^2/\text{NDF}: 9.3/6$

diff_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 1175.647 $\pm$ 0.740 χ^2 /NDF: 792.9/1

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

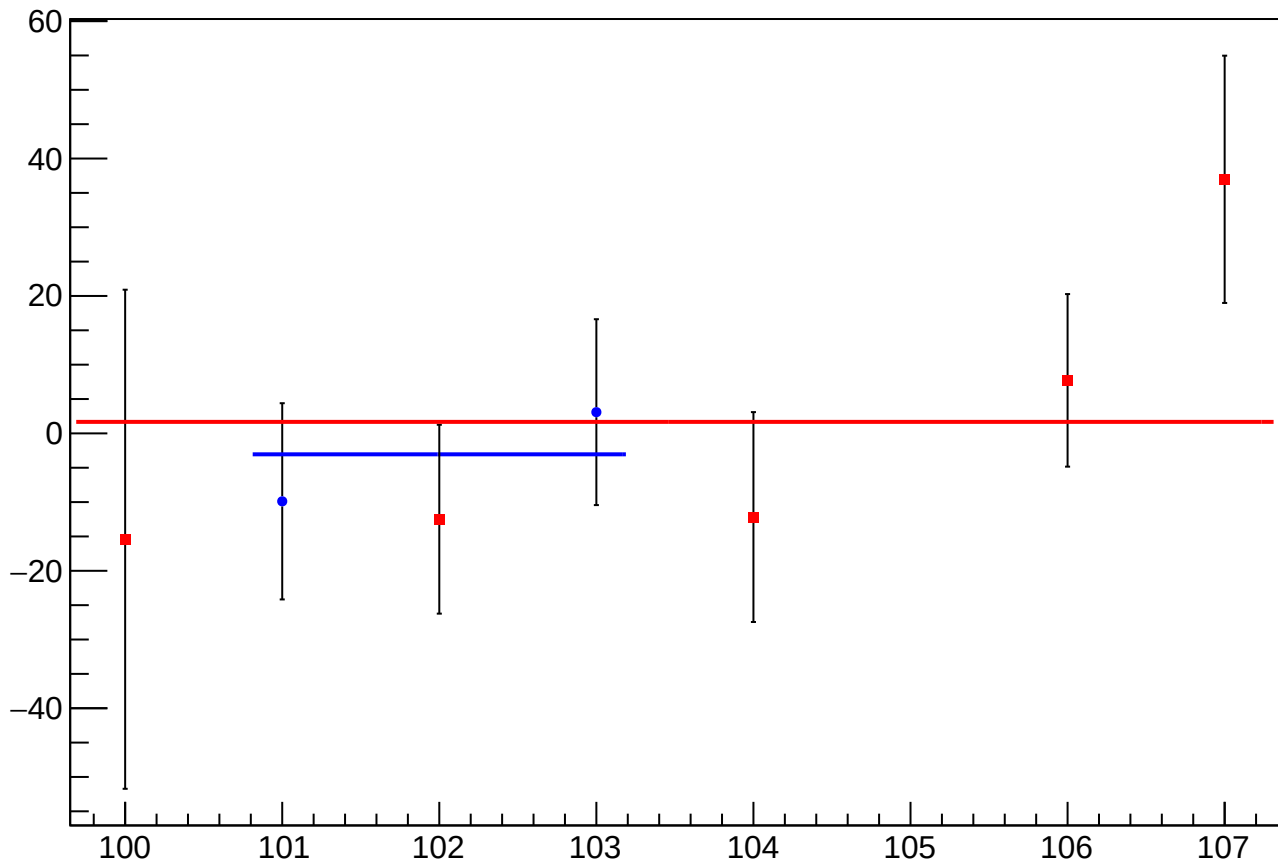
Right: 1161.179 $\pm$ 0.469 χ^2 /NDF: 17099.6/6

In: 1175.647 $\pm$ 0.740 χ^2 /NDF: 792.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1161.179 $\pm$ 0.469 χ^2 /NDF: 17099.6/6

diff_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -3.047+/-9.820 χ^2/NDF : 0.4/1

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

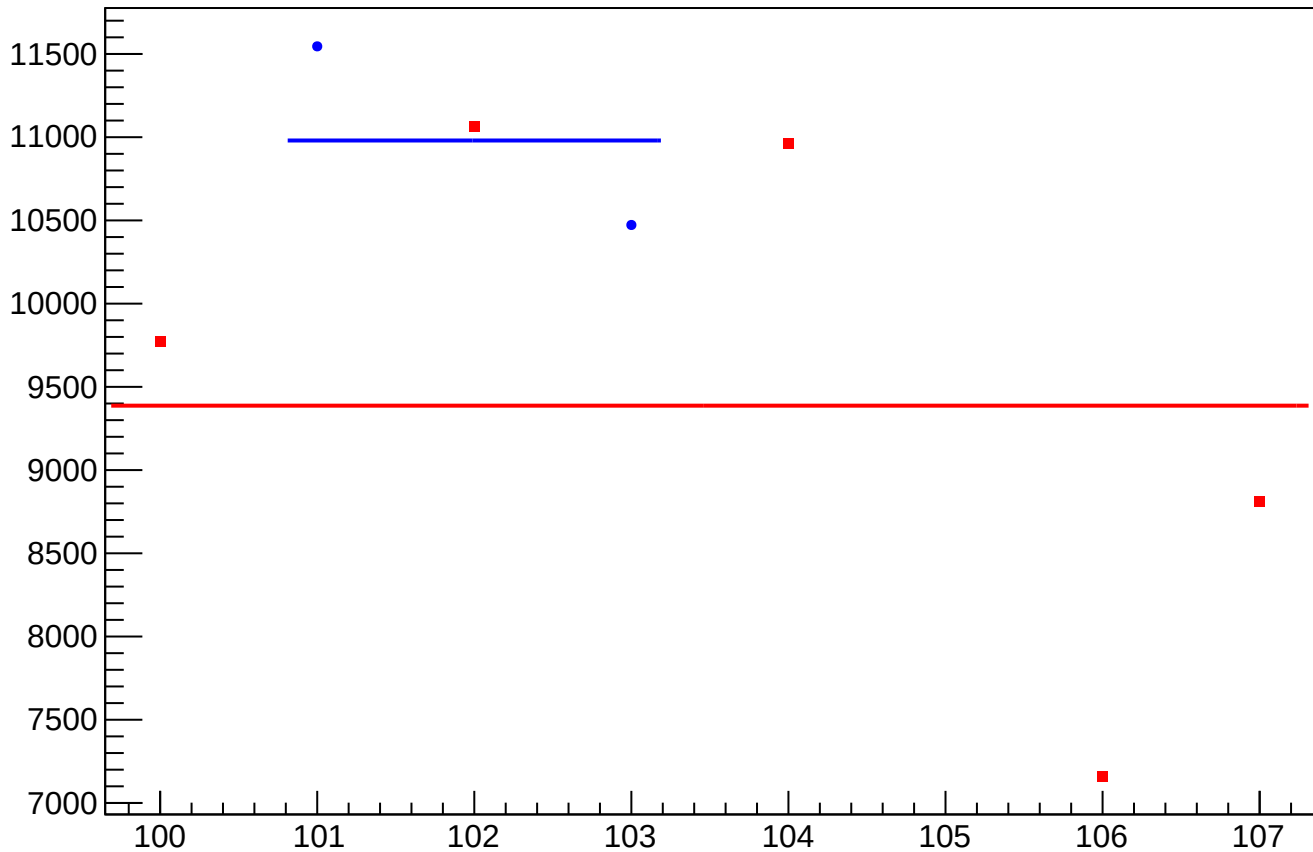
Right: 0.050+/-5.760 χ^2/NDF : 6.8/6

In: -3.047+/-9.820 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.050+/-5.760 χ^2/NDF : 6.8/6

diff_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 10980.191+/-6.943 χ^2/NDF : 5954.2/1

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

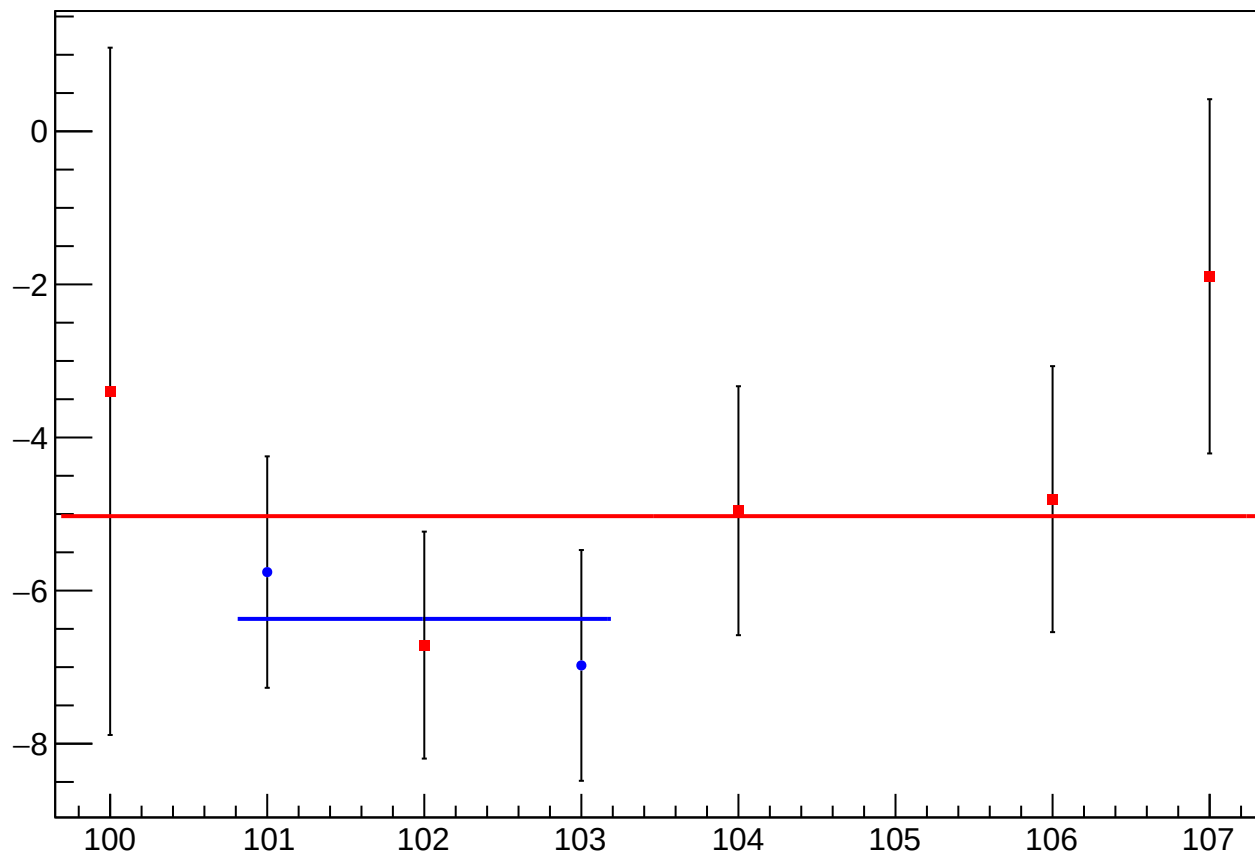
Right: 9935.232+/-4.073 χ^2/NDF : 156608.7/6

In: 10980.191+/-6.943 χ^2/NDF : 5954.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9935.232+/-4.073 χ^2/NDF : 156608.7/6

diff_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: -6.370 ± 1.067 χ^2/NDF : 0.3/1

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

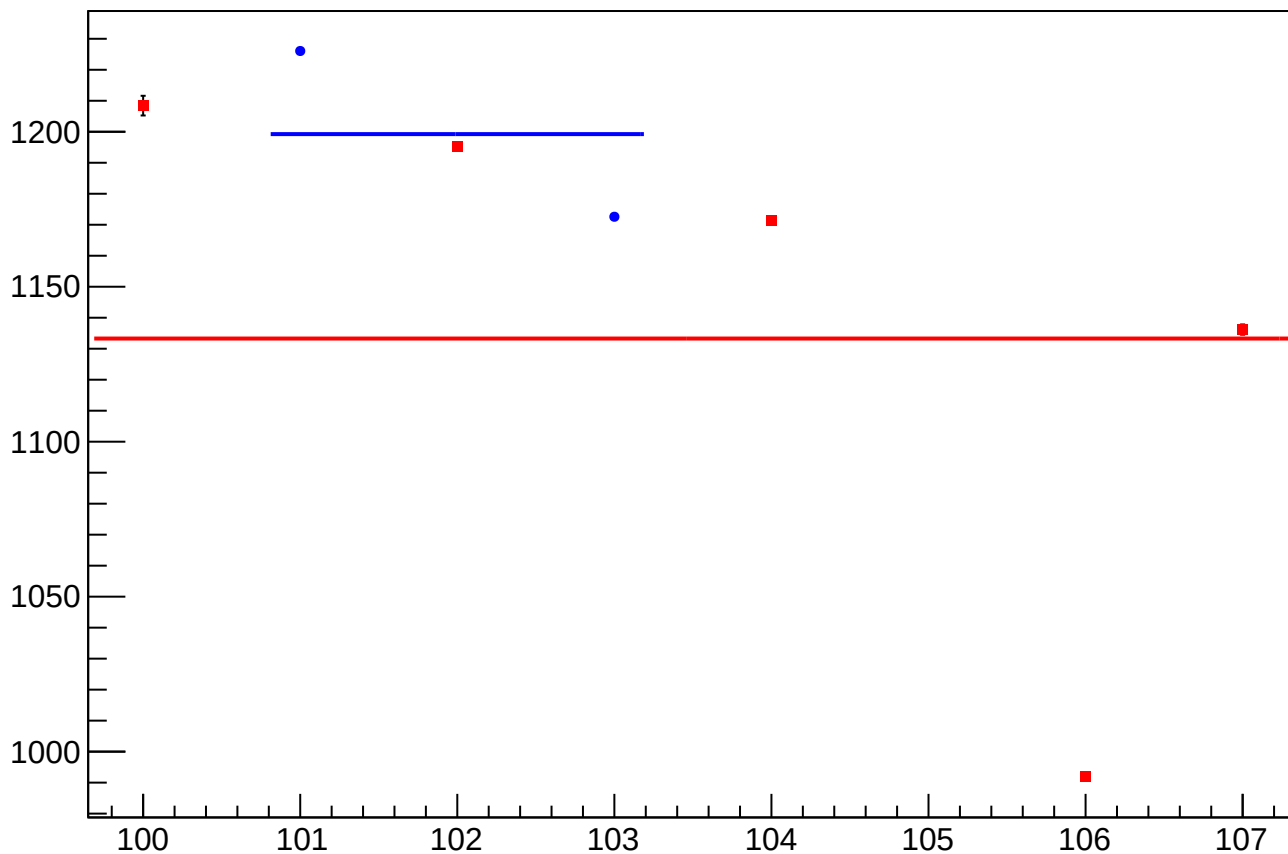
Right: -5.544 ± 0.663 χ^2/NDF : 4.6/6

In: -6.370 ± 1.067 χ^2/NDF : 0.3/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.544 ± 0.663 χ^2/NDF : 4.6/6

diff_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 1199.241 $\pm$ 0.755 χ^2 /NDF: 1255.1/1

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

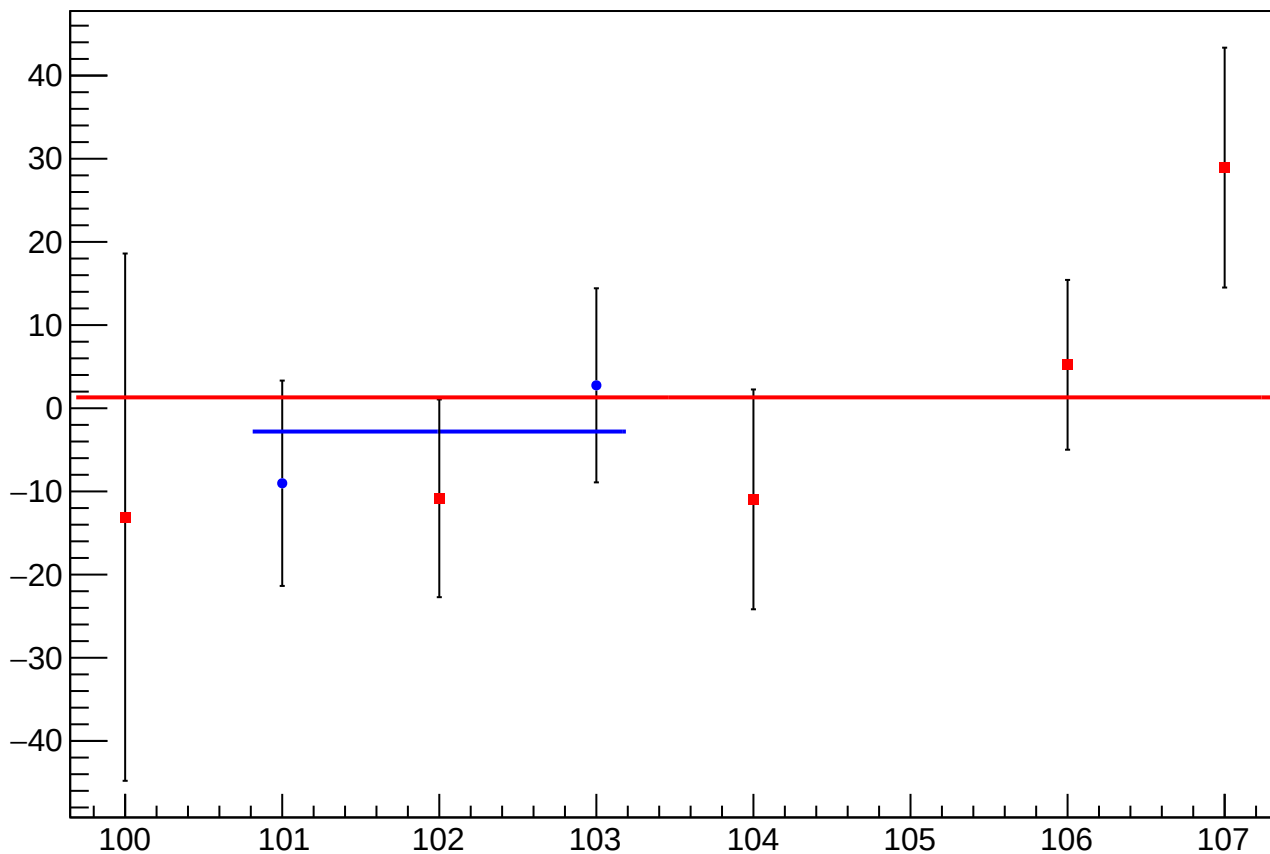
Right: 1158.689 $\pm$ 0.468 χ^2 /NDF: 24357.6/6

In: 1199.241 $\pm$ 0.755 χ^2 /NDF:1255.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1158.689 $\pm$ 0.468 χ^2 /NDF: 24357.6/6

diff_bpm0l08X_mean vs Slug, Sign Corrected



Right In: -2.800+/-8.479 χ^2/NDF : 0.5/1

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

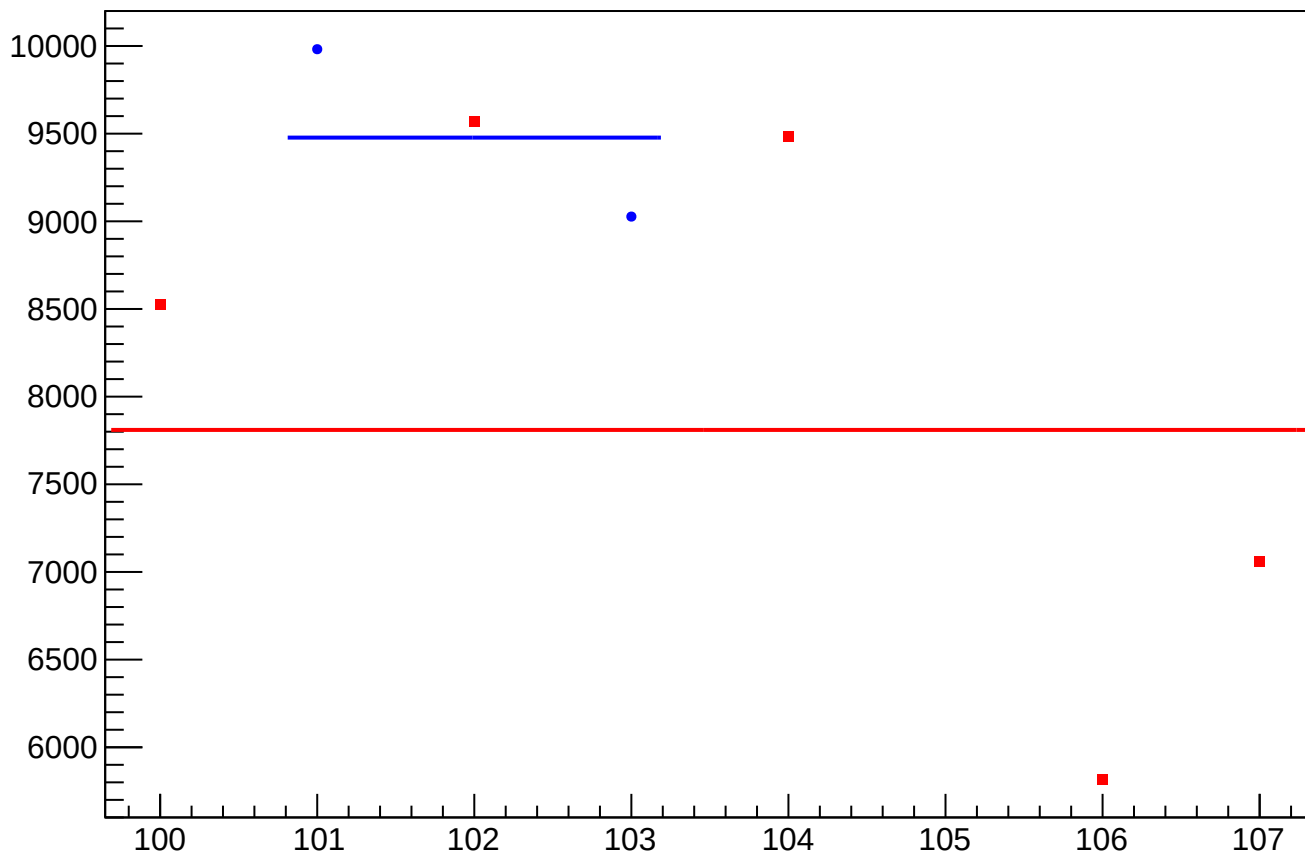
Right: -0.049+/-4.873 χ^2/NDF : 6.6/6

In: -2.800+/-8.479 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.049+/-4.873 χ^2/NDF : 6.6/6

diff_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 9477.483+/-5.996 χ^2/NDF : 6318.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7810.127+/-4.210 χ^2/NDF : 158653.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

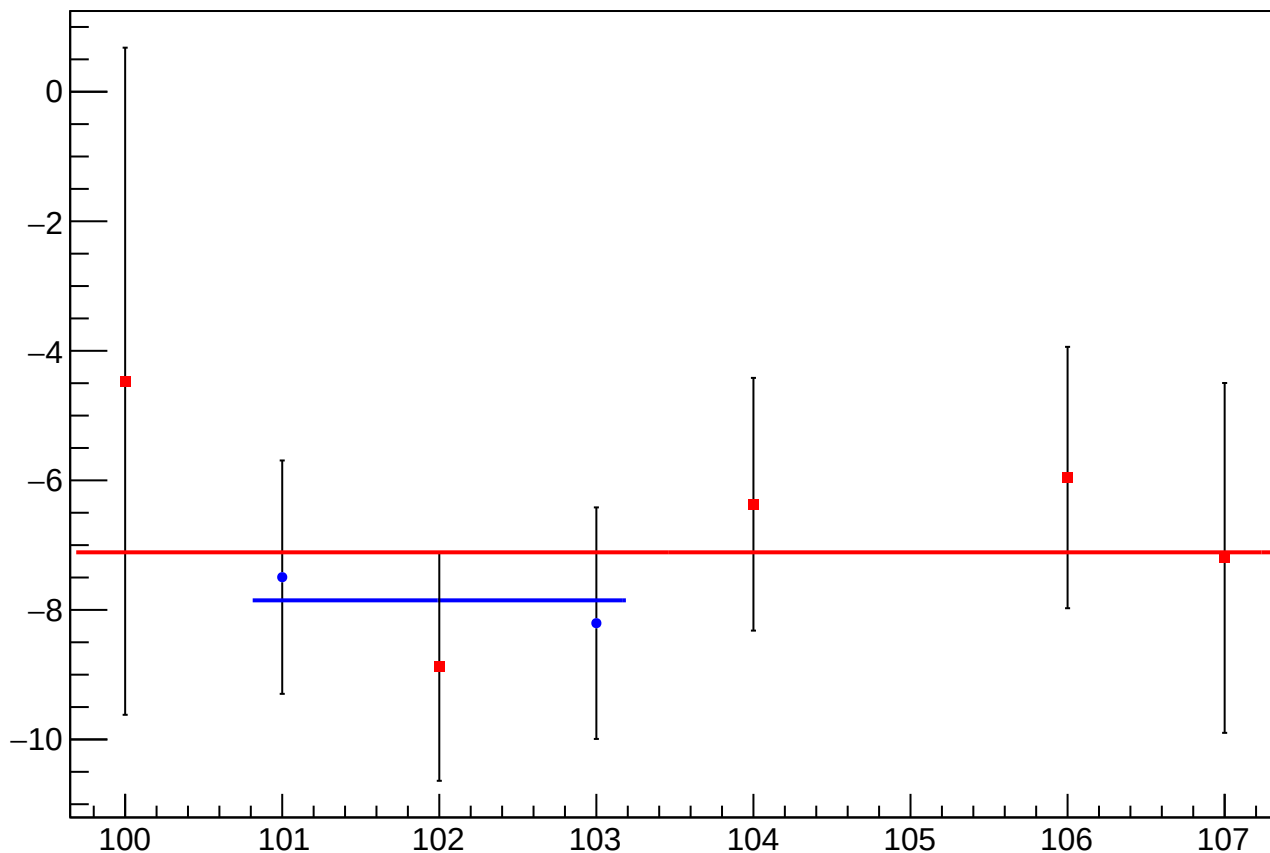
Right: 8360.785+/-3.446 χ^2/NDF : 216763.4/6

In: 9477.483+/-5.996 χ^2/NDF : 6318.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8360.785+/-3.446 χ^2/NDF : 216763.4/6

diff_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -7.852 ± 1.269 χ^2/NDF : 0.1/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.111 ± 0.998 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

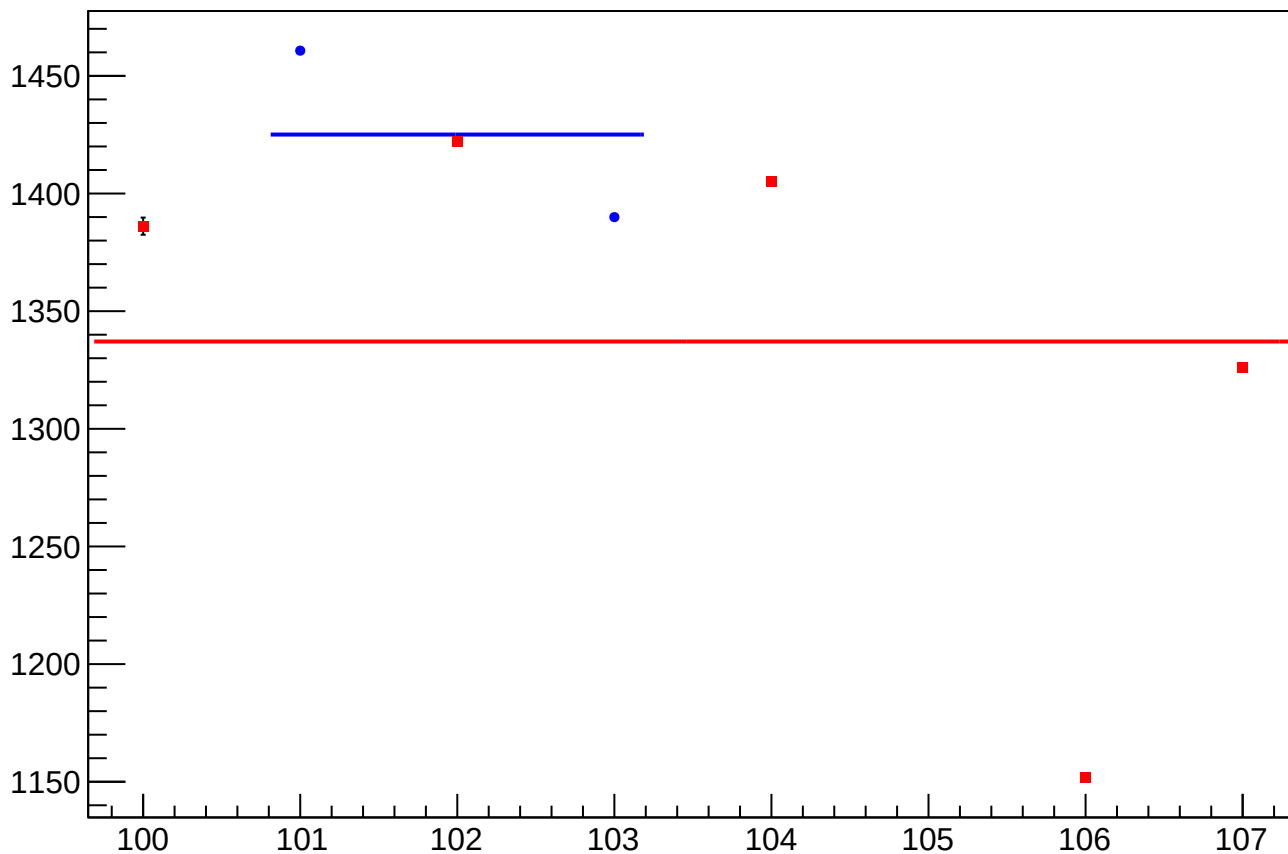
Right: -7.394 ± 0.784 χ^2/NDF : 2.0/6

In: -7.852 ± 1.269 χ^2/NDF : 0.1/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.394 ± 0.784 χ^2/NDF : 2.0/6

diff_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 1425.068 $\pm$ 0.897 χ^2 /NDF: 1554.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1337.108 $\pm$ 0.706 χ^2 /NDF: 24164.0/4

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

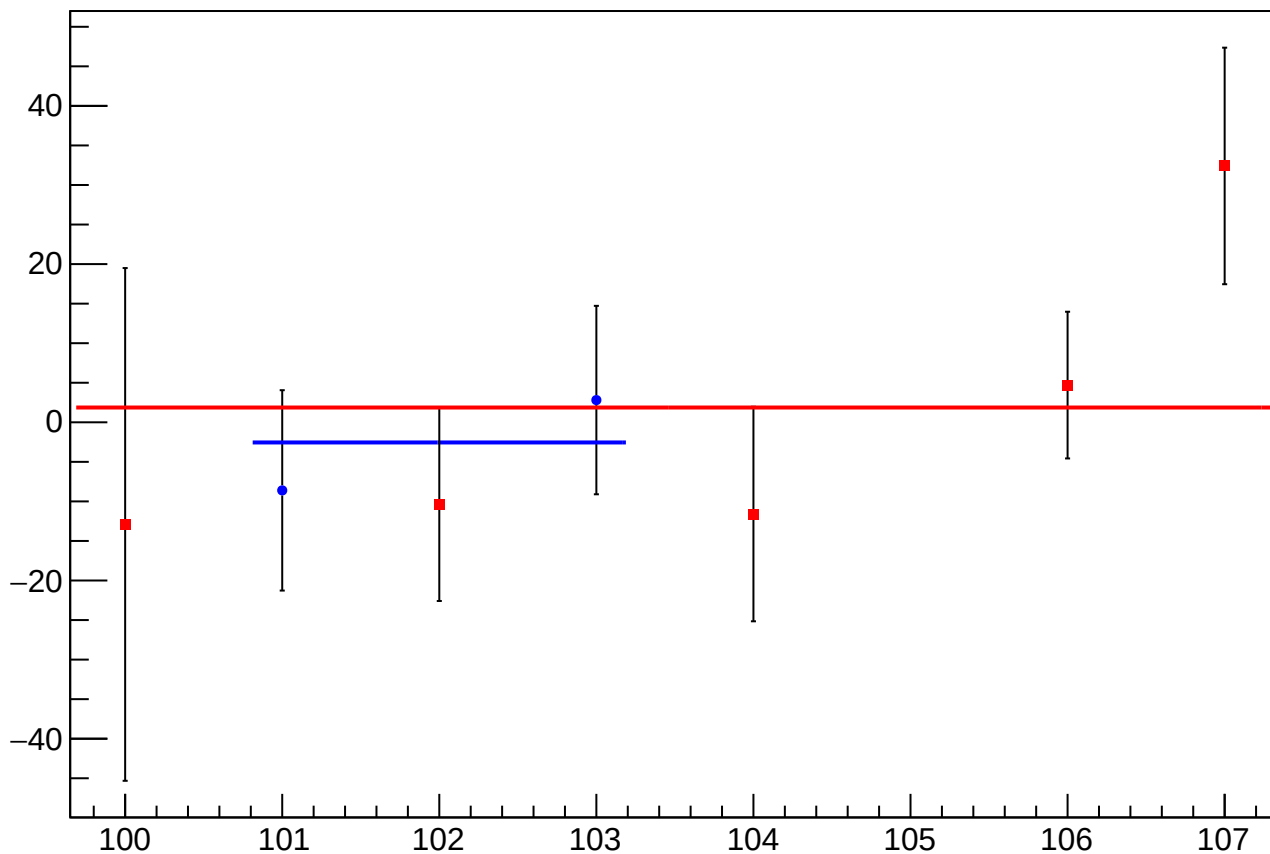
Right: 1370.718 $\pm$ 0.555 χ^2 /NDF: 31657.3/6

In: 1425.068 $\pm$ 0.897 χ^2 /NDF: 1554.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1370.718 $\pm$ 0.555 χ^2 /NDF: 31657.3/6

diff_bpm0l09X_mean vs Slug, Sign Corrected



Right In: -2.548+/-8.677 χ^2/NDF : 0.4/1

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

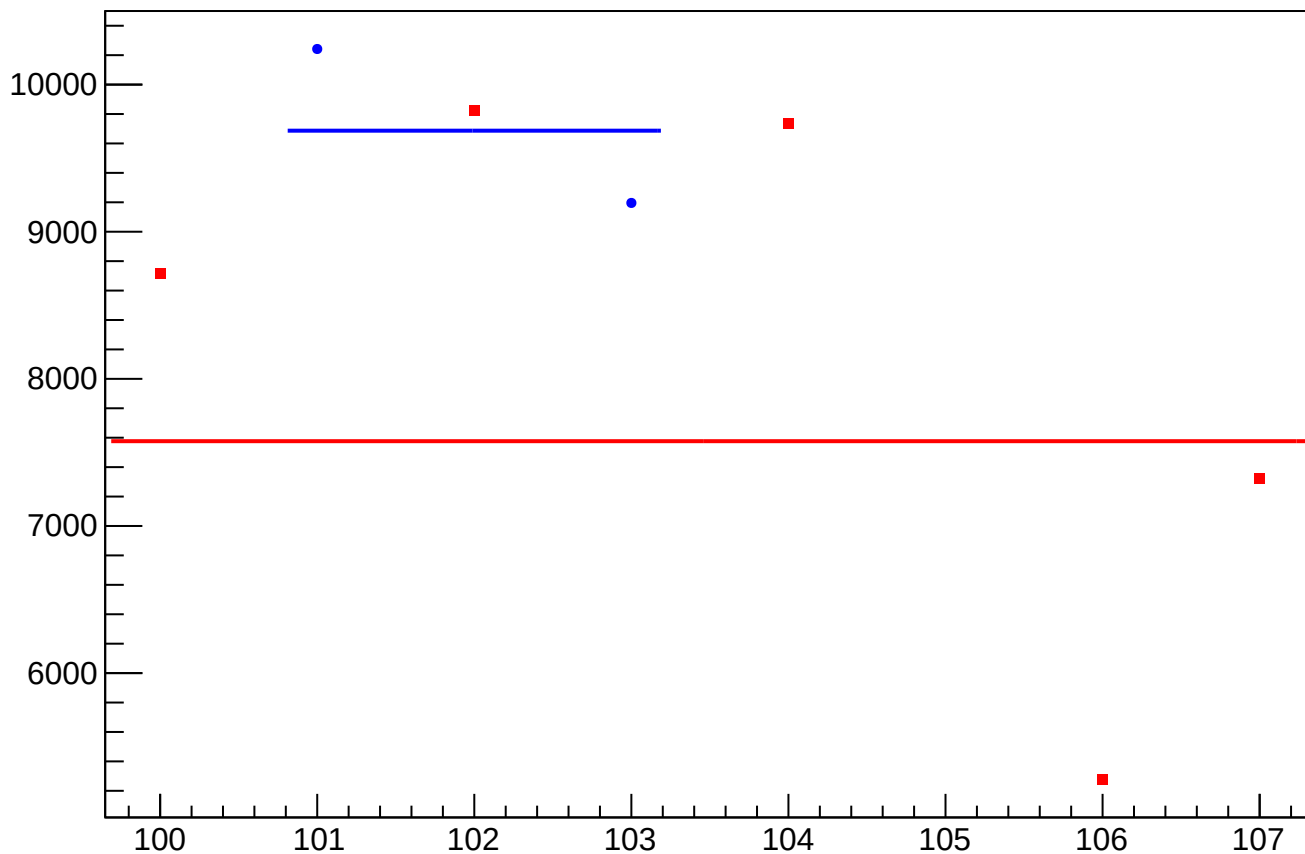
Right: 0.488+/-4.851 χ^2/NDF : 7.1/6

In: -2.548+/-8.677 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.488+/-4.851 χ^2/NDF : 7.1/6

diff_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 9686.767 $\pm$ 6.135 χ^2 /NDF: 7242.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7576.350 $\pm$ 4.138 χ^2 /NDF: 244703.8/4

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

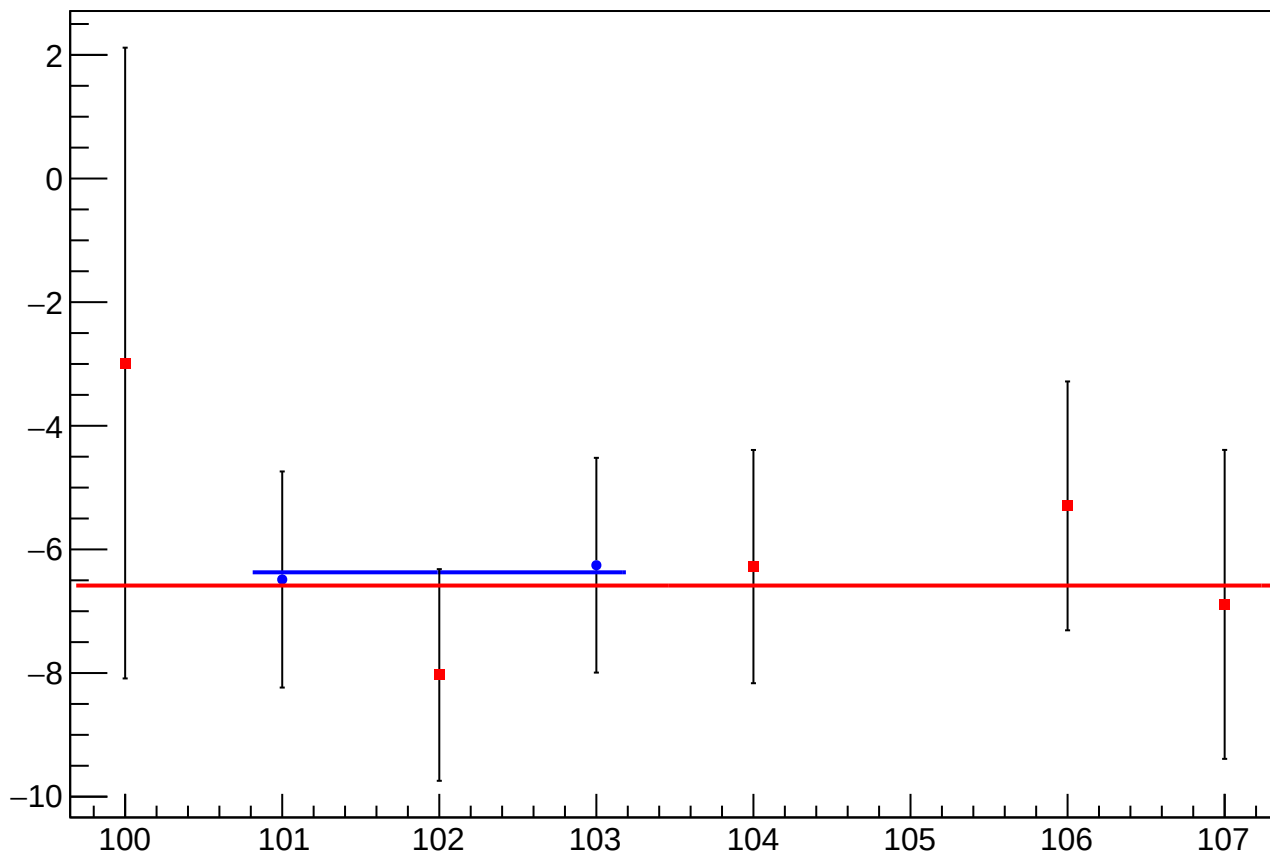
Right: 8236.129 $\pm$ 3.431 χ^2 /NDF: 333274.4/6

In: 9686.767 $\pm$ 6.135 χ^2 /NDF: 7242.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8236.129 $\pm$ 3.431 χ^2 /NDF: 333274.4/6

diff_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -6.371 $\pm$ 1.232 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -6.585 $\pm$ 0.968 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

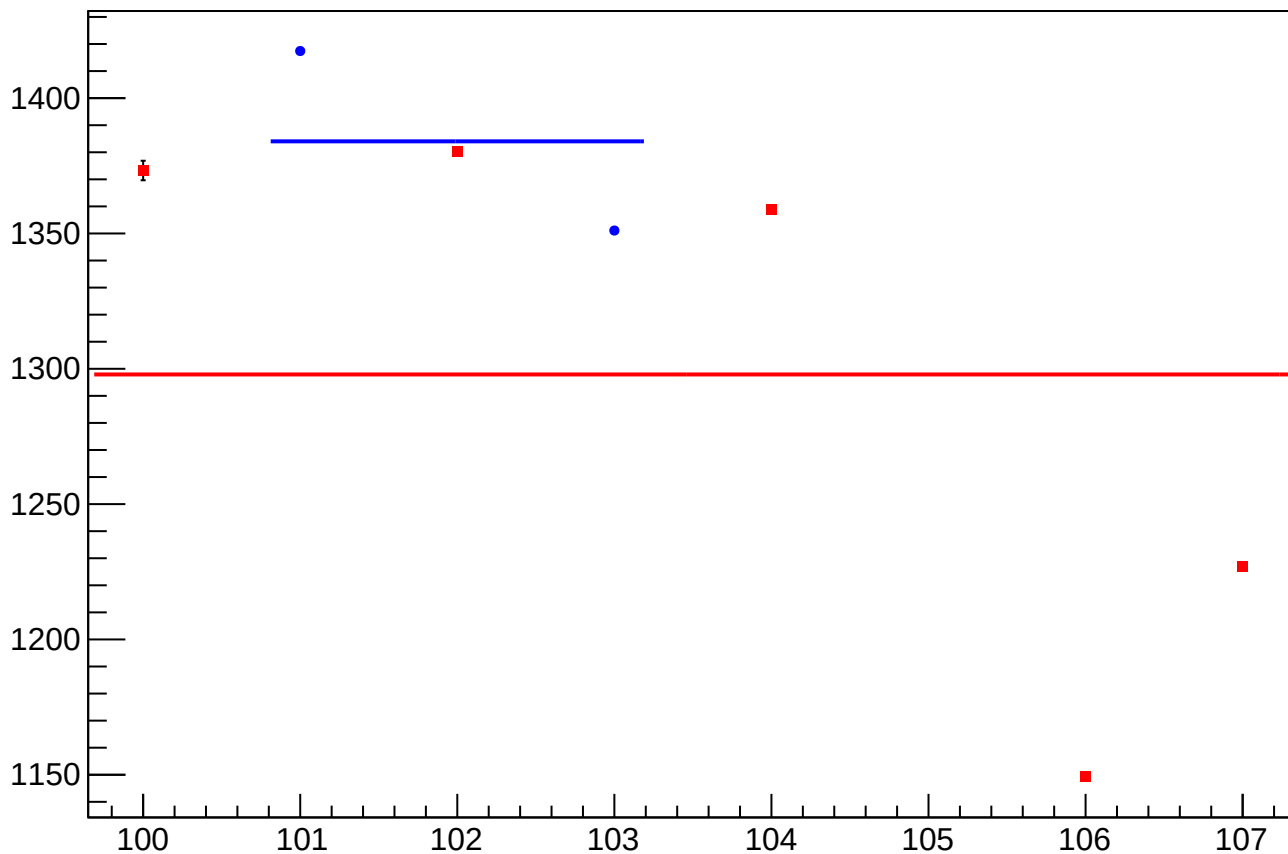
Right: -6.503 $\pm$ 0.761 χ^2 /NDF: 1.7/6

In: -6.371 $\pm$ 1.232 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -6.503 $\pm$ 0.761 χ^2 /NDF: 1.7/6

diff_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 1384.038 $\pm$ 0.871 χ^2 /NDF: 1448.9/1

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

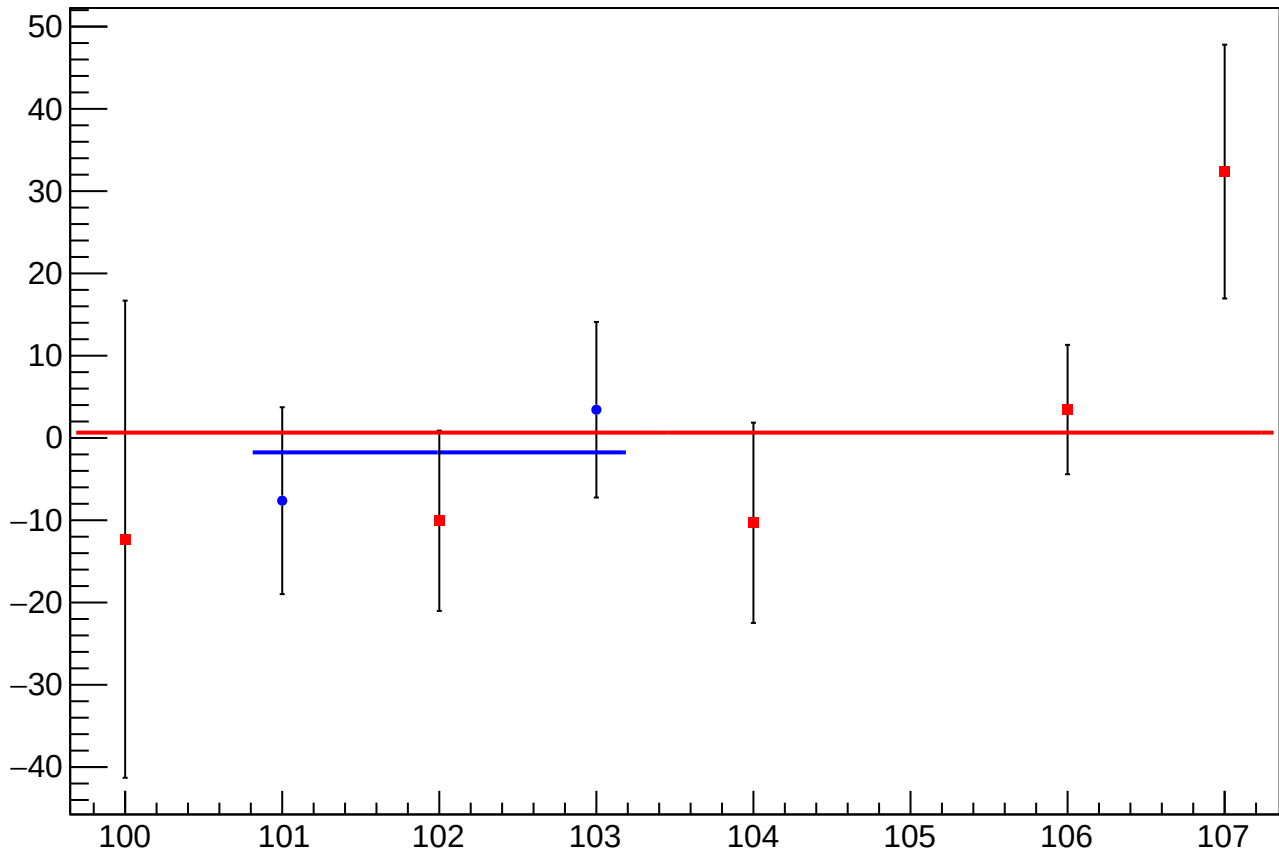
Right: 1330.775 $\pm$ 0.538 χ^2 /NDF: 27164.1/6

In: 1384.038 $\pm$ 0.871 χ^2 /NDF:1448.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1330.775 $\pm$ 0.538 χ^2 /NDF: 27164.1/6

diff_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -1.753+/-7.777 χ^2/NDF : 0.5/1

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

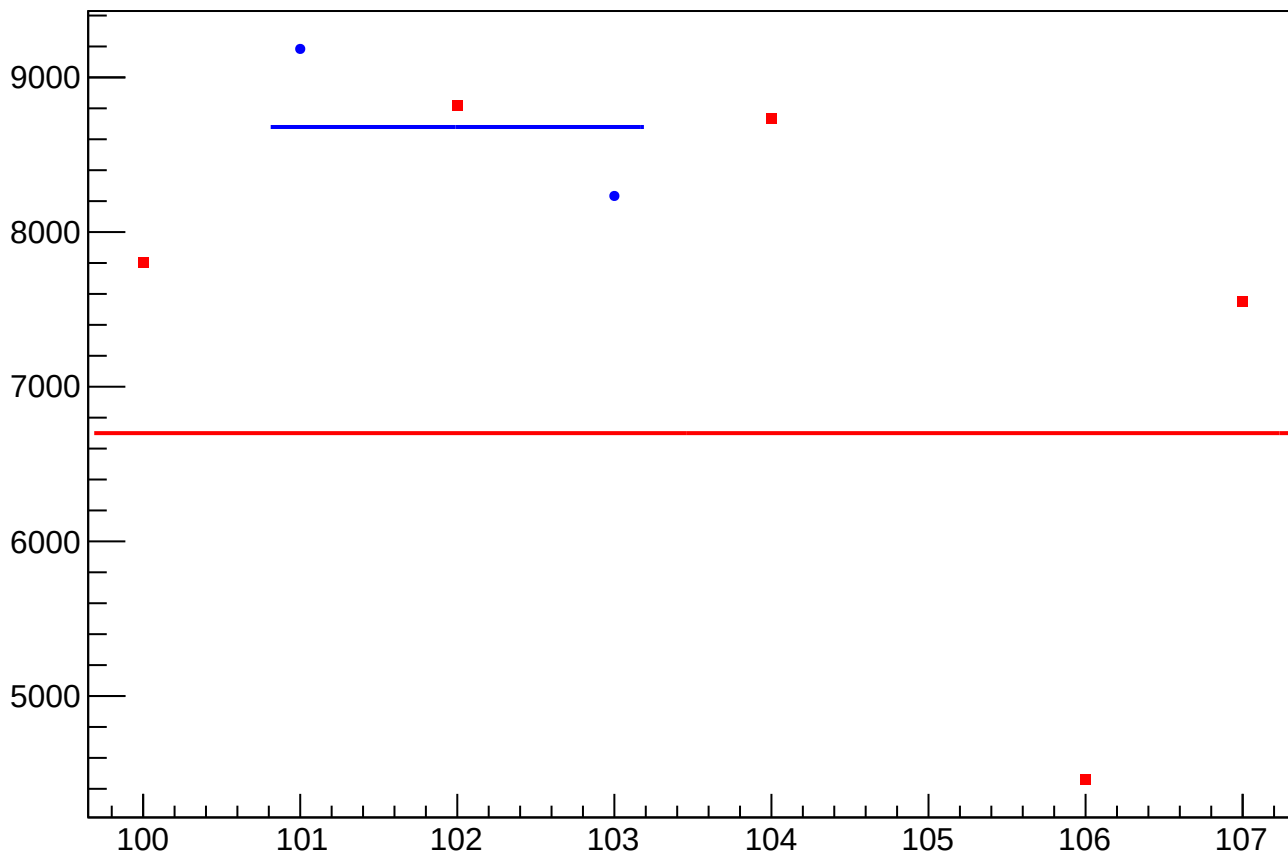
Right: -0.096+/-4.336 χ^2/NDF : 6.9/6

In: -1.753+/-7.777 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.096+/-4.336 χ^2/NDF : 6.9/6

diff_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 8679.414 $\pm$ 5.499 χ^2 /NDF: 7442.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 6699.895 $\pm$ 3.693 χ^2 /NDF: 302590.9/4

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

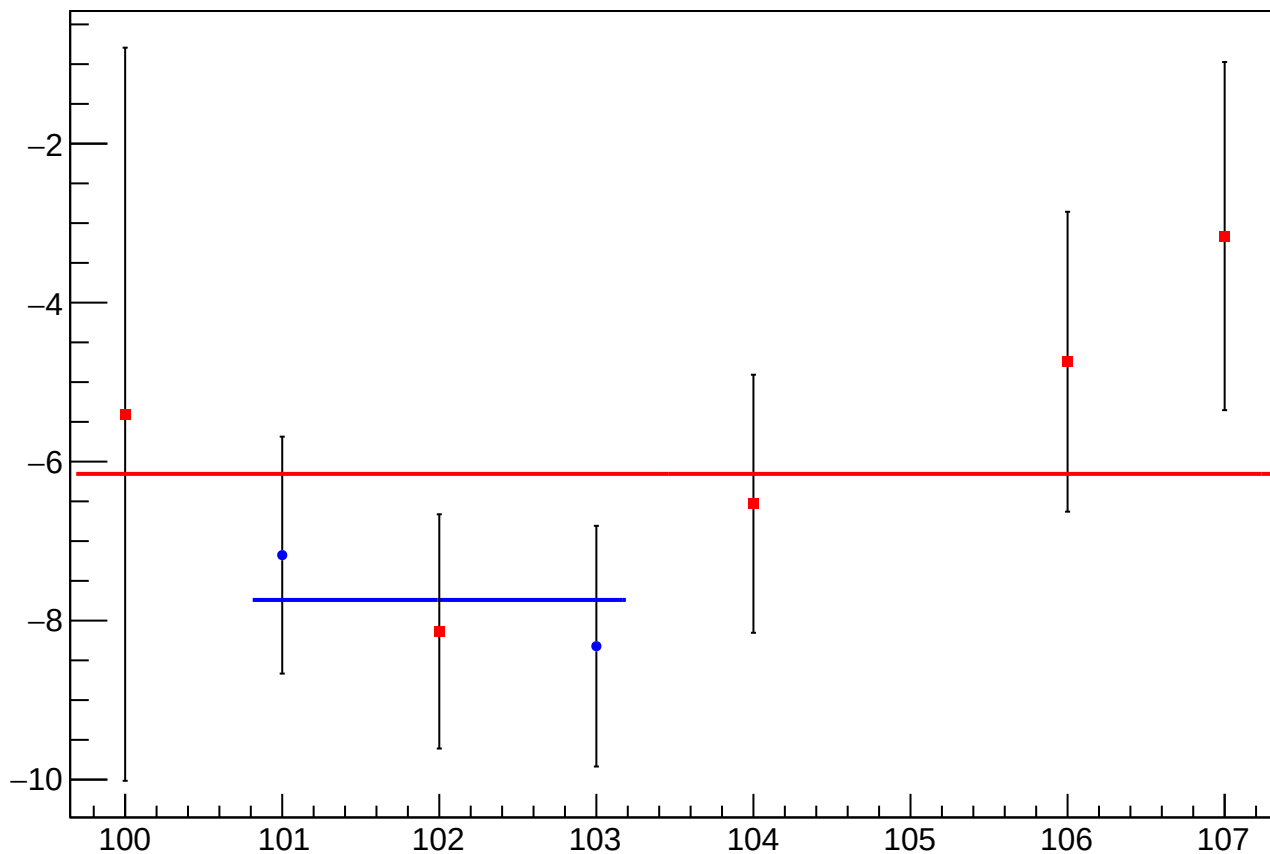
Right: 7315.132 $\pm$ 3.066 χ^2 /NDF: 399330.2/6

In: 8679.414 $\pm$ 5.499 χ^2 /NDF:7442.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 7315.132 $\pm$ 3.066 χ^2 /NDF: 399330.2/6

diff_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -7.740 $\pm$ 1.062 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -6.154 $\pm$ 0.852 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

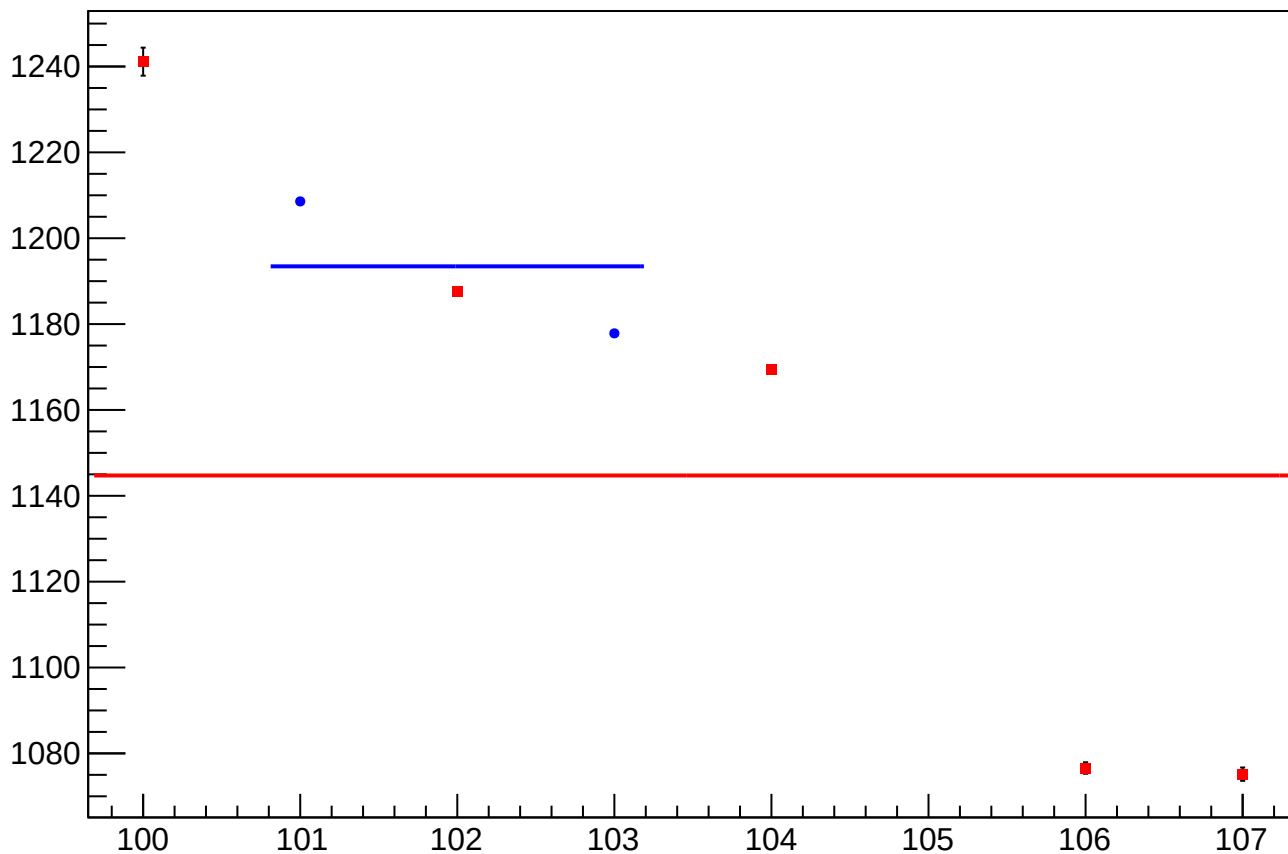
Right: -6.775 $\pm$ 0.665 χ^2 /NDF: 6.0/6

In: -7.740 $\pm$ 1.062 χ^2 /NDF: 0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -6.775 $\pm$ 0.665 χ^2 /NDF: 6.0/6

diff_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 1193.451 $\pm$ 0.751 χ^2 /NDF: 418.7/1

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

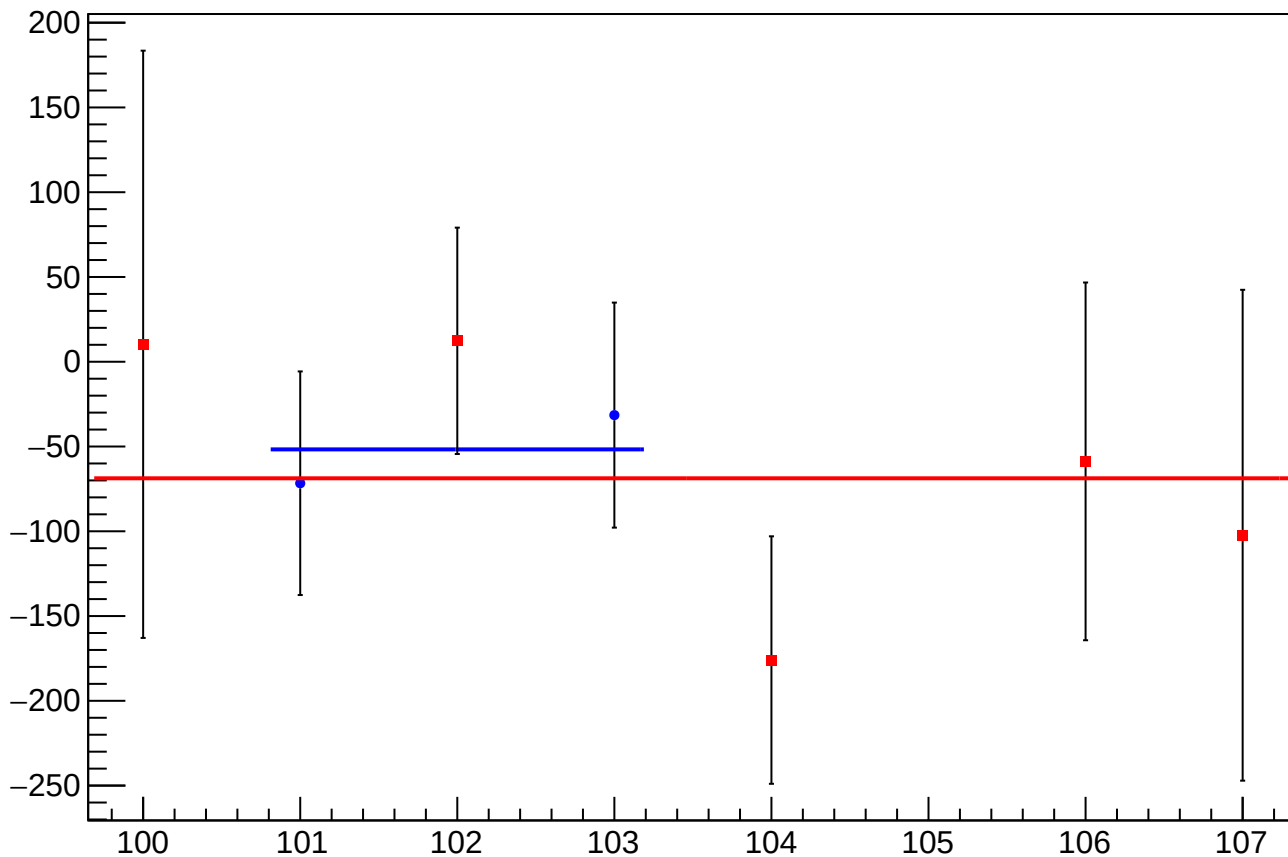
Right: 1163.815 $\pm$ 0.470 χ^2 /NDF: 10639.9/6

In: 1193.451 $\pm$ 0.751 χ^2 /NDF: 418.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1163.815 $\pm$ 0.470 χ^2 /NDF: 10639.9/6

diff_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -51.693 $\pm$ 46.779 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -68.749 $\pm$ 41.418 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

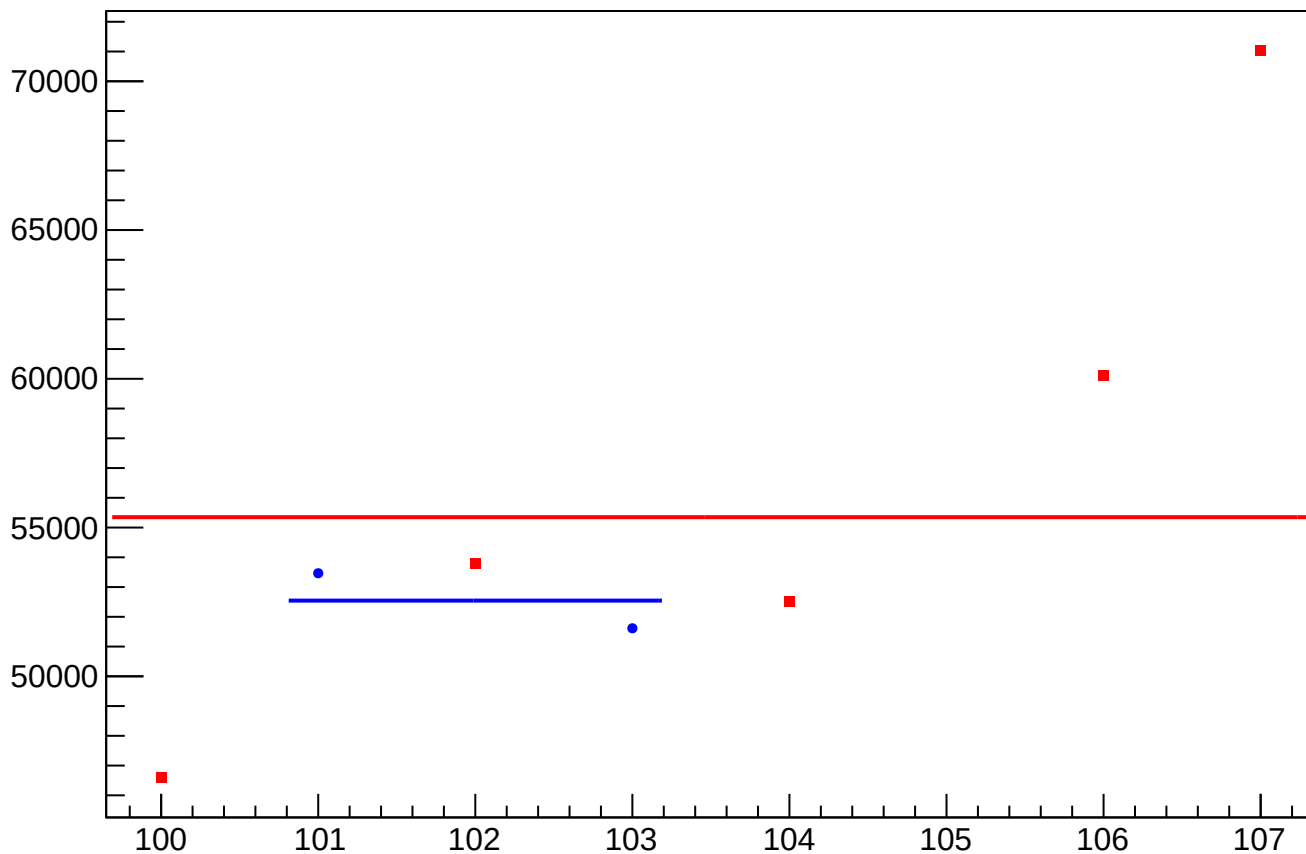
Right: -61.254 $\pm$ 31.010 χ^2 /NDF: 4.2/6

In: -51.693 $\pm$ 46.779 χ^2 /NDF:0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -61.254 $\pm$ 31.010 χ^2 /NDF: 4.2/6

diff_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 52544.919+/-33.078 χ^2/NDF : 782.1/1

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

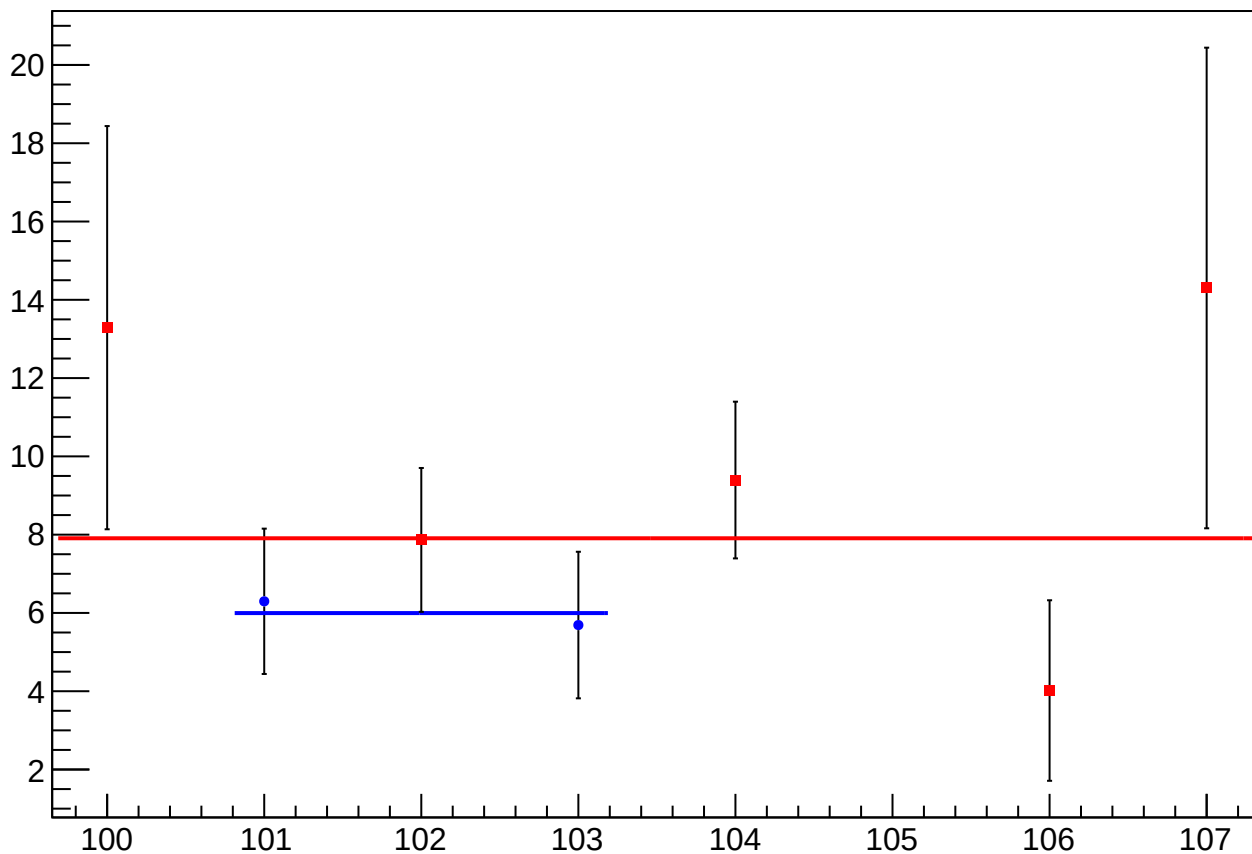
Right: 54116.566+/-21.927 χ^2/NDF : 41524.6/6

In: 52544.919+/-33.078 χ^2/NDF : 782.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54116.566+/-21.927 χ^2/NDF : 41524.6/6

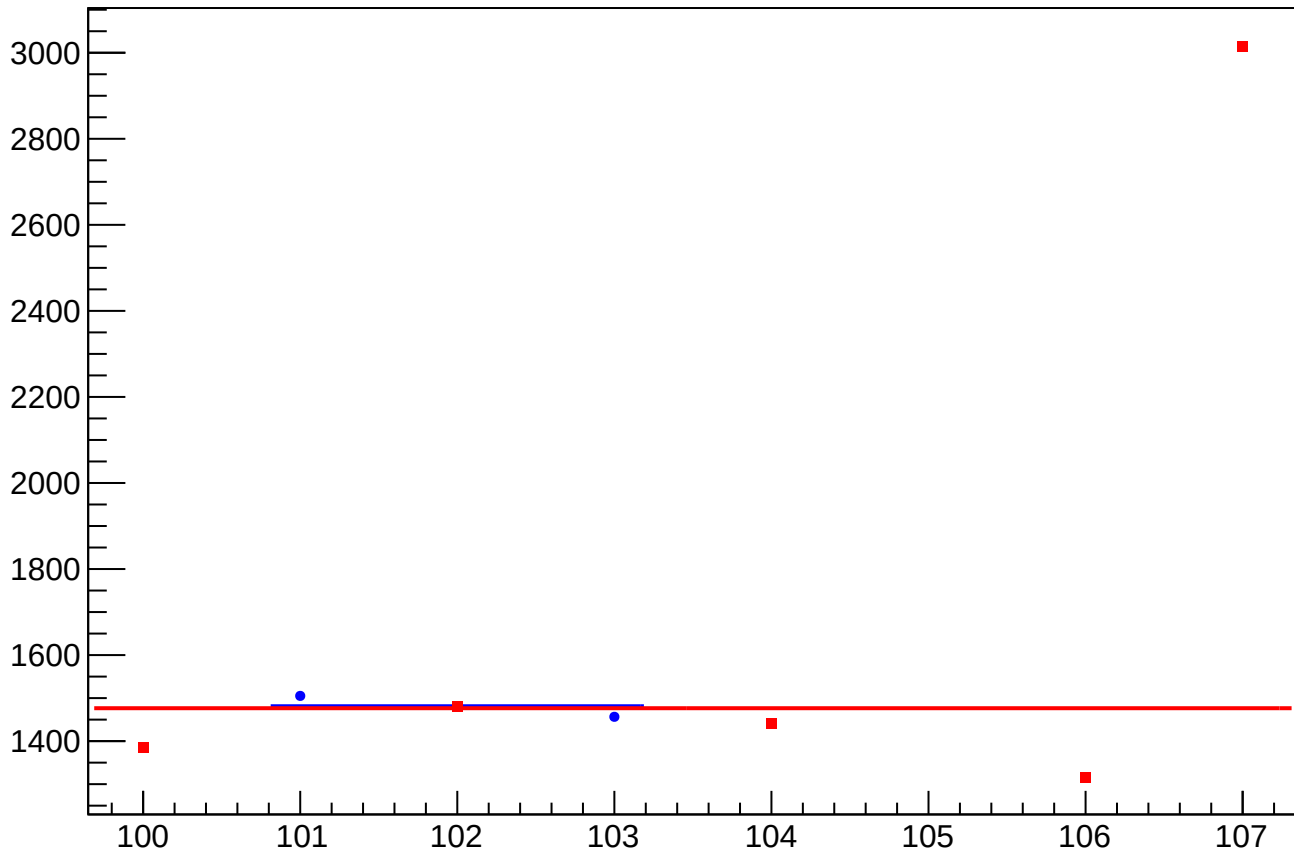
diff_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 5.996 $\pm$ 1.318 χ^2 /NDF: 0.1/1
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: 7.107 $\pm$ 0.853 χ^2 /NDF: 6.8/6
In: 5.996 $\pm$ 1.318 χ^2 /NDF: 0.1/1
Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
All: 7.107 $\pm$ 0.853 χ^2 /NDF: 6.8/6

diff_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 1481.046 $\pm$ 0.932 χ^2 /NDF: 679.5/1

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

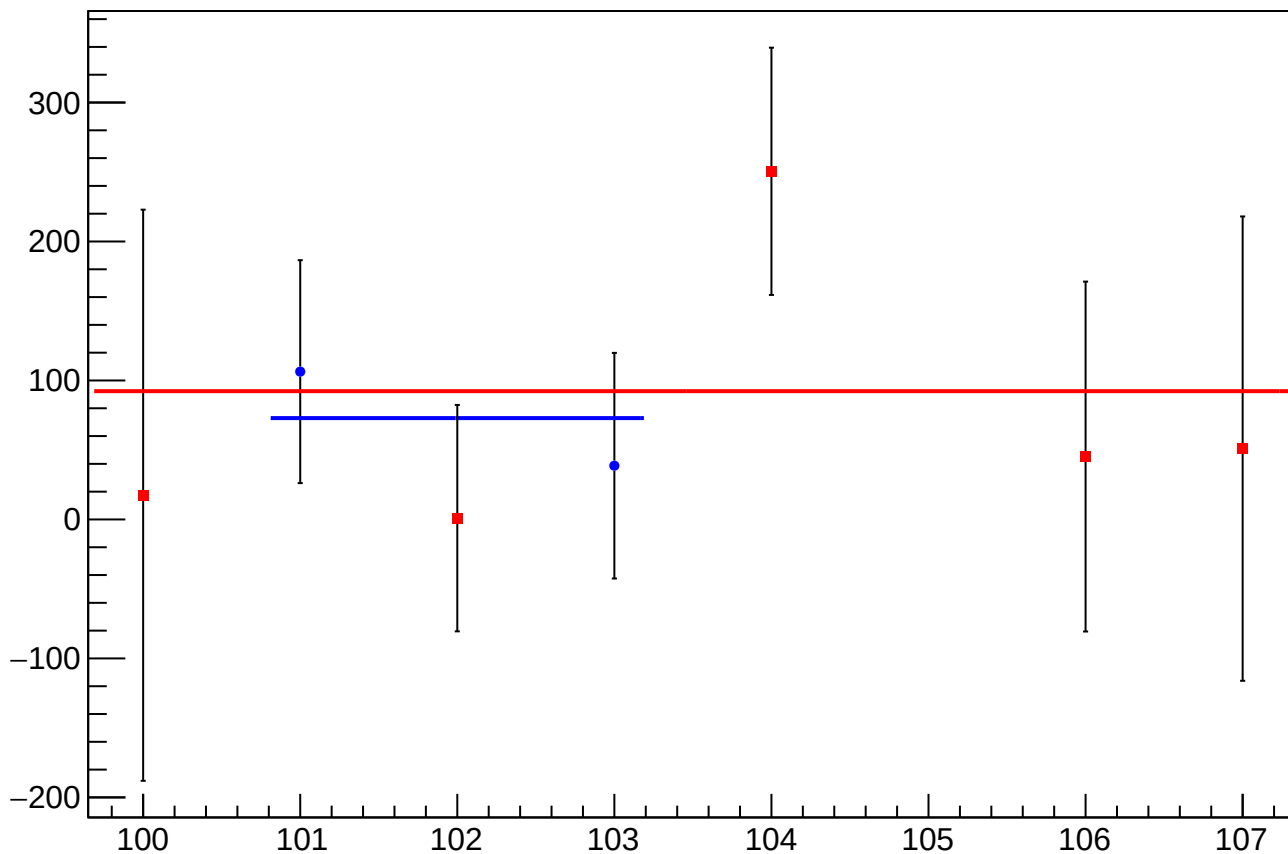
Right: 1478.406 $\pm$ 0.603 χ^2 /NDF: 137049.0/6

In: 1481.046 $\pm$ 0.932 χ^2 /NDF: 679.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1478.406 $\pm$ 0.603 χ^2 /NDF: 137049.0/6

diff_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 72.926+/-57.054 χ^2/NDF : 0.4/1

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

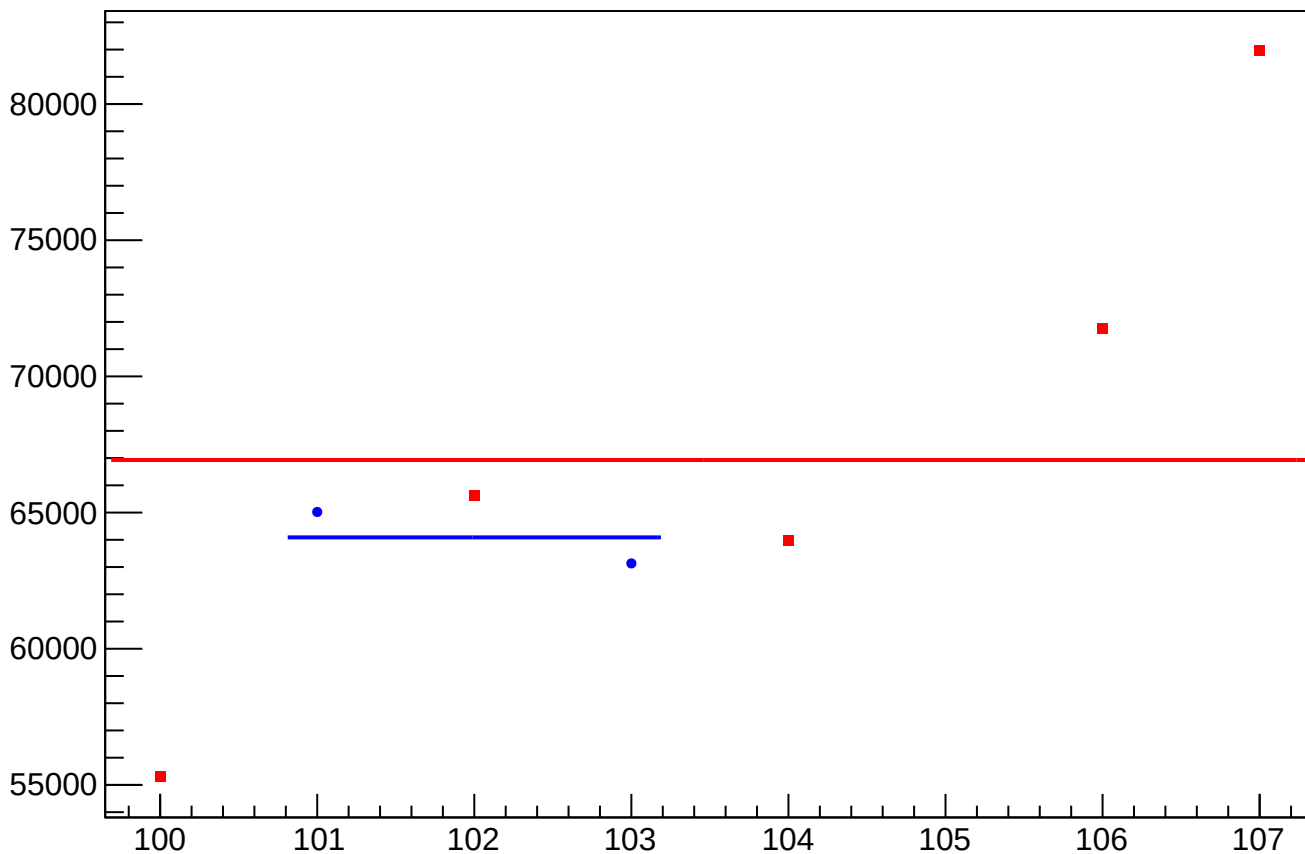
Right: 83.883+/-37.611 χ^2/NDF : 5.2/6

In: 72.926+/-57.054 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.883+/-37.611 χ^2/NDF : 5.2/6

diff_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 64089.187+/-40.343 χ^2/NDF : 547.6/1

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

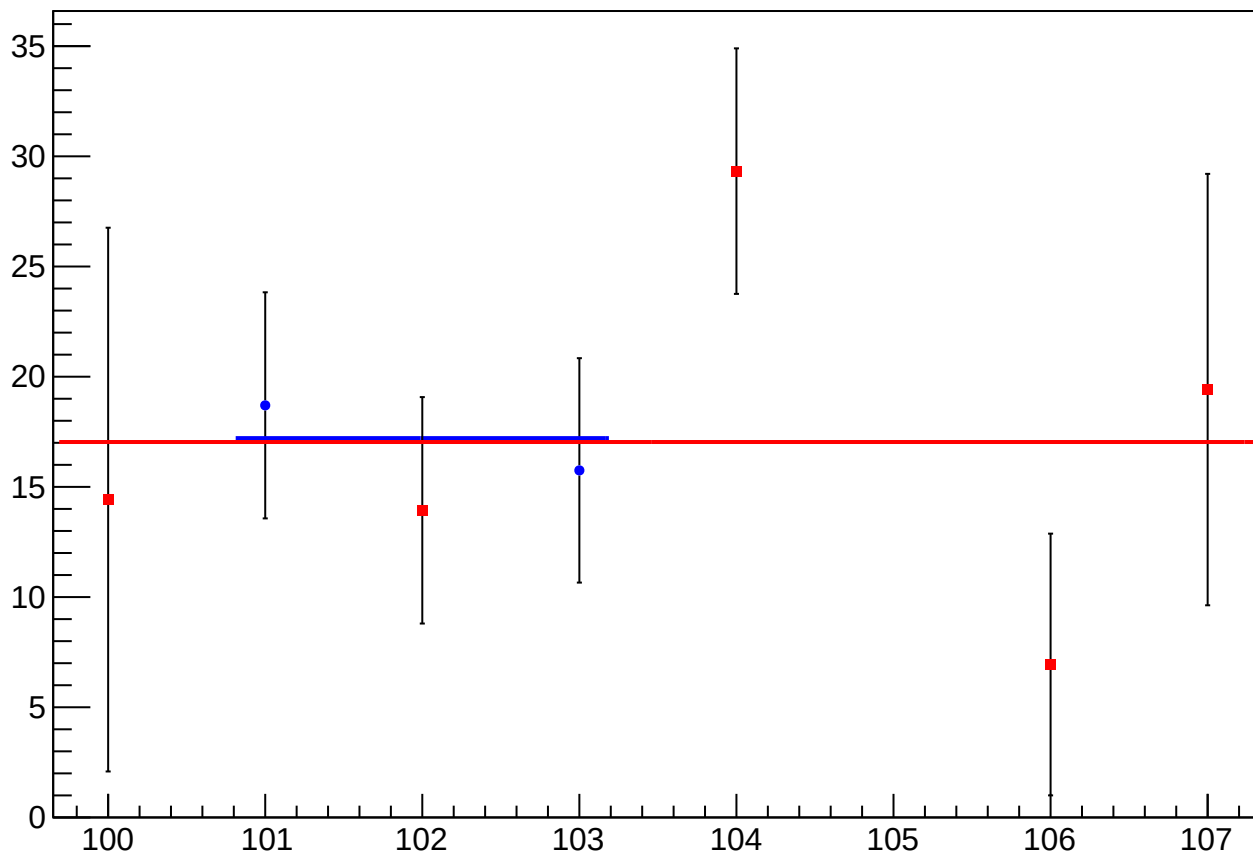
Right: 65695.288+/-26.595 χ^2/NDF : 31597.0/6

In: 64089.187+/-40.343 χ^2/NDF : 547.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65695.288+/-26.595 χ^2/NDF : 31597.0/6

diff_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 17.213 $\pm$ 3.614 χ^2 /NDF: 0.2/1

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

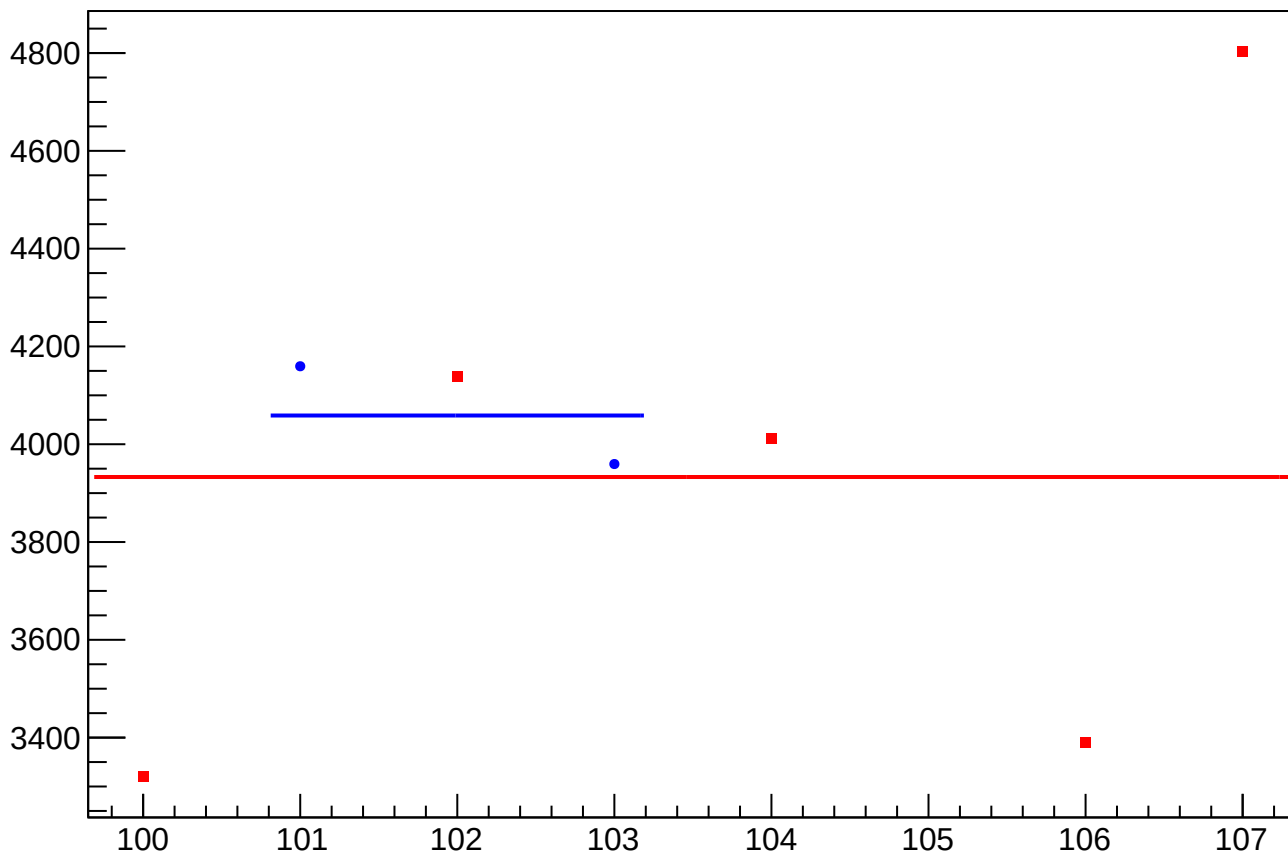
Right: 17.107 $\pm$ 2.282 χ^2 /NDF: 8.4/6

In: 17.213 $\pm$ 3.614 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.107 $\pm$ 2.282 χ^2 /NDF: 8.4/6

diff_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 4058.737 $\pm$ 2.555 χ^2 /NDF: 1531.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3932.983 $\pm$ 2.081 χ^2 /NDF: 41174.6/4

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

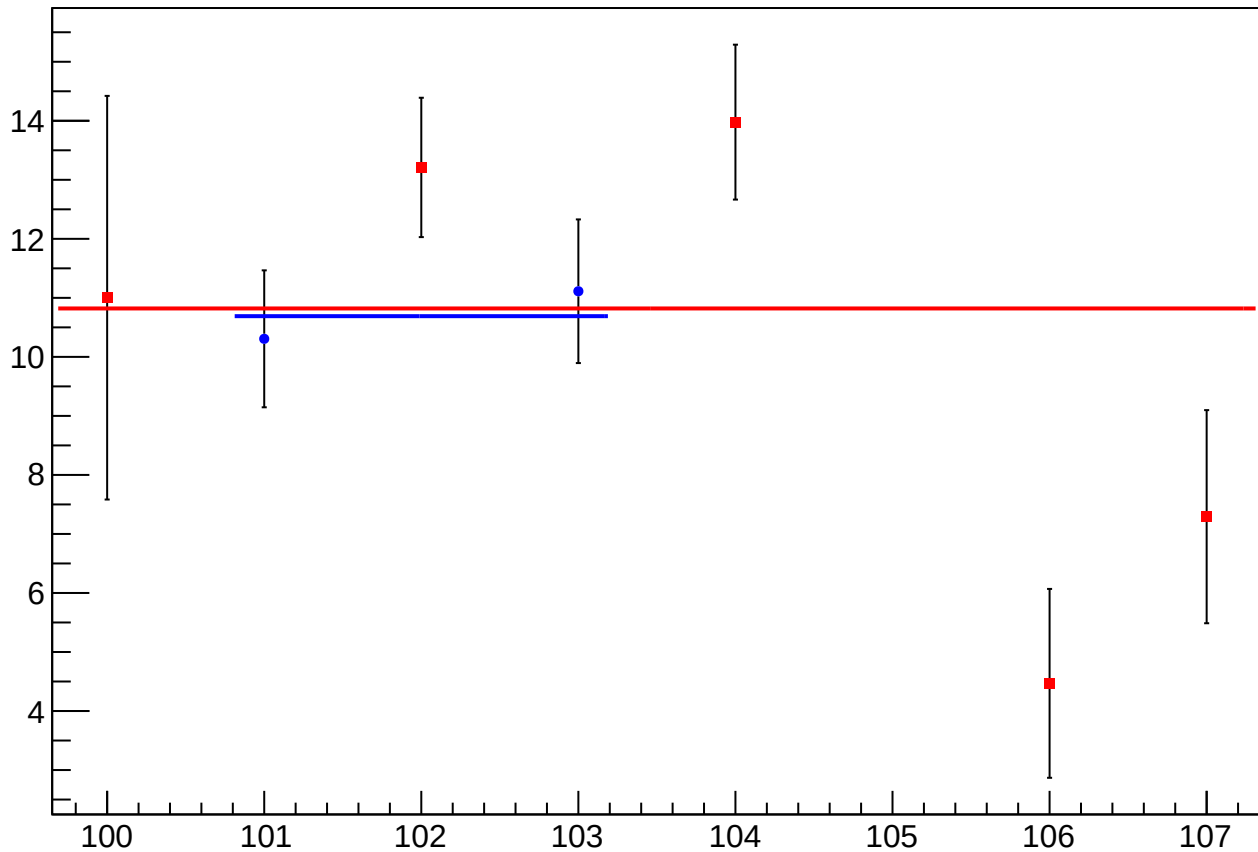
Right: 3983.122 $\pm$ 1.614 χ^2 /NDF: 44161.7/6

In: 4058.737 $\pm$ 2.555 χ^2 /NDF: 1531.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3983.122 $\pm$ 1.614 χ^2 /NDF: 44161.7/6

diff_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 10.690 $\pm$ 0.840 χ^2 /NDF: 0.2/1

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

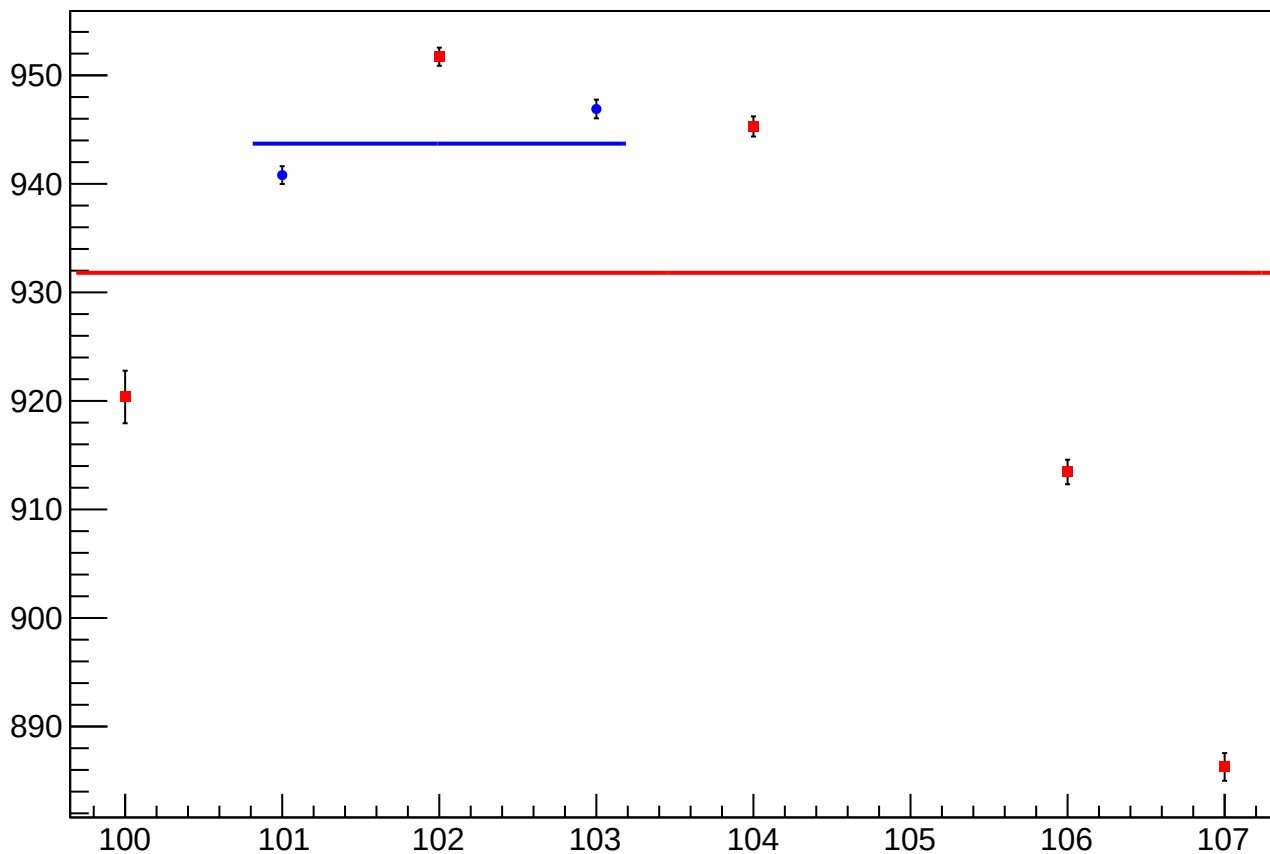
Right: 10.767 $\pm$ 0.535 χ^2 /NDF: 29.7/6

In: 10.690 $\pm$ 0.840 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.767 $\pm$ 0.535 χ^2 /NDF: 29.7/6

diff_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 943.707 $\pm$ 0.594 χ^2 /NDF: 26.2/1

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

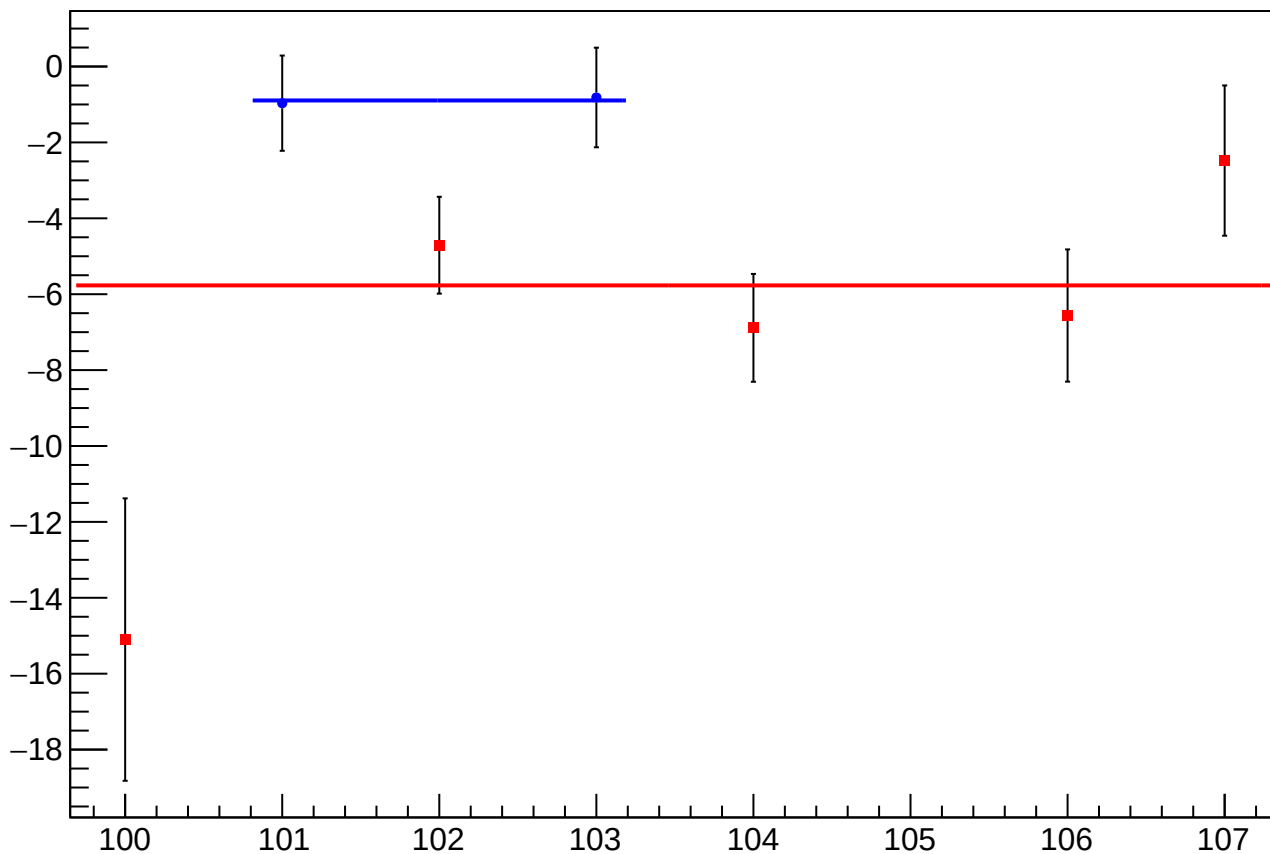
Right: 936.629 $\pm$ 0.378 χ^2 /NDF: 2602.7/6

In: 943.707 $\pm$ 0.594 χ^2 /NDF: 26.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 936.629 $\pm$ 0.378 χ^2 /NDF: 2602.7/6

diff_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -0.895 ± 0.907 $\chi^2/\text{NDF}: 0.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -5.768 ± 0.752 $\chi^2/\text{NDF}: 10.6/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

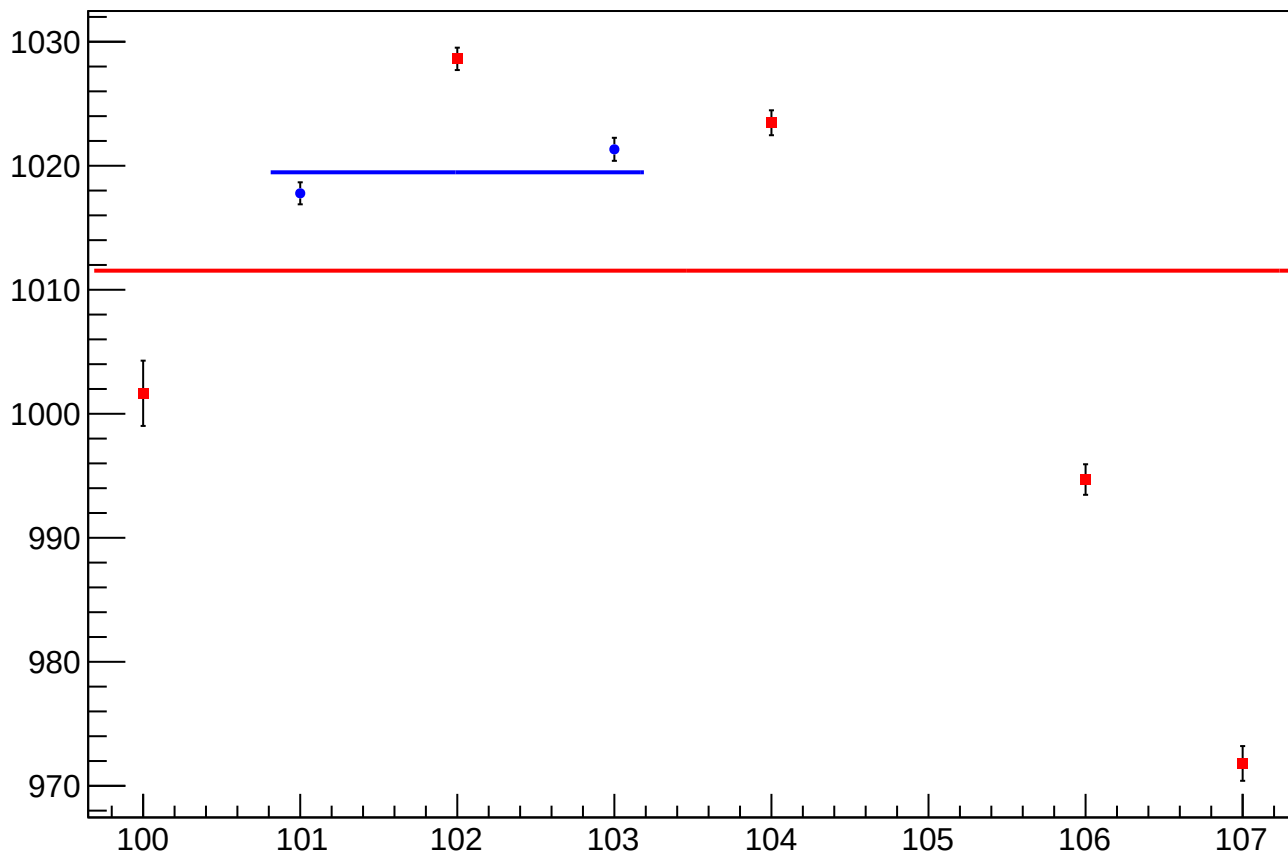
Right: -3.782 ± 0.579 $\chi^2/\text{NDF}: 27.7/6$

In: -0.895 ± 0.907 $\chi^2/\text{NDF}: 0.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -3.782 ± 0.579 $\chi^2/\text{NDF}: 27.7/6$

diff_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 1019.472 $\pm$ 0.641 χ^2 /NDF: 7.6/1

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

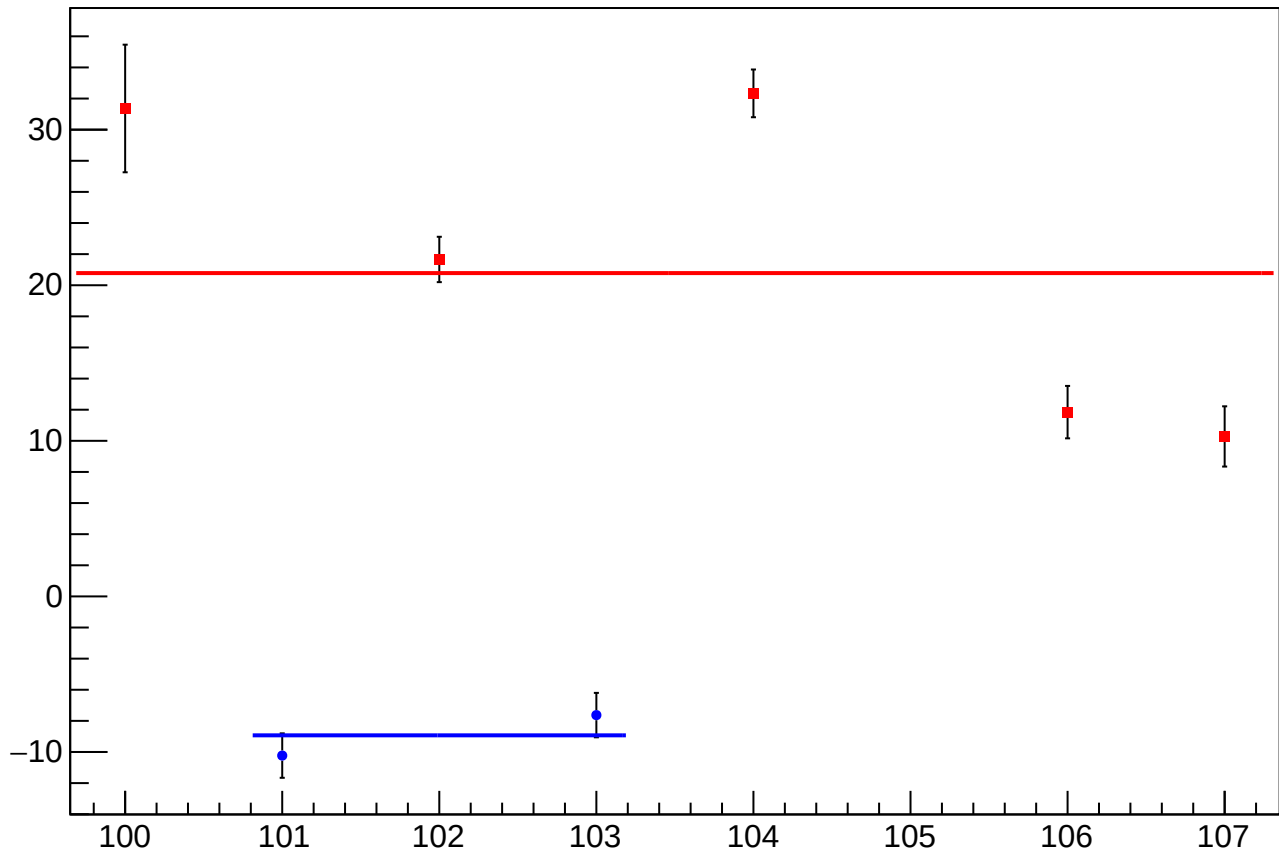
Right: 1014.773 $\pm$ 0.410 χ^2 /NDF: 1604.1/6

In: 1019.472 $\pm$ 0.641 χ^2 /NDF: 7.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1014.773 $\pm$ 0.410 χ^2 /NDF: 1604.1/6

diff_bpm2i02X_mean vs Slug, Sign Corrected



Right In: -8.930 $\pm$ 1.010 χ^2 /NDF: 1.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.782 $\pm$ 0.797 χ^2 /NDF: 121.2/4

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

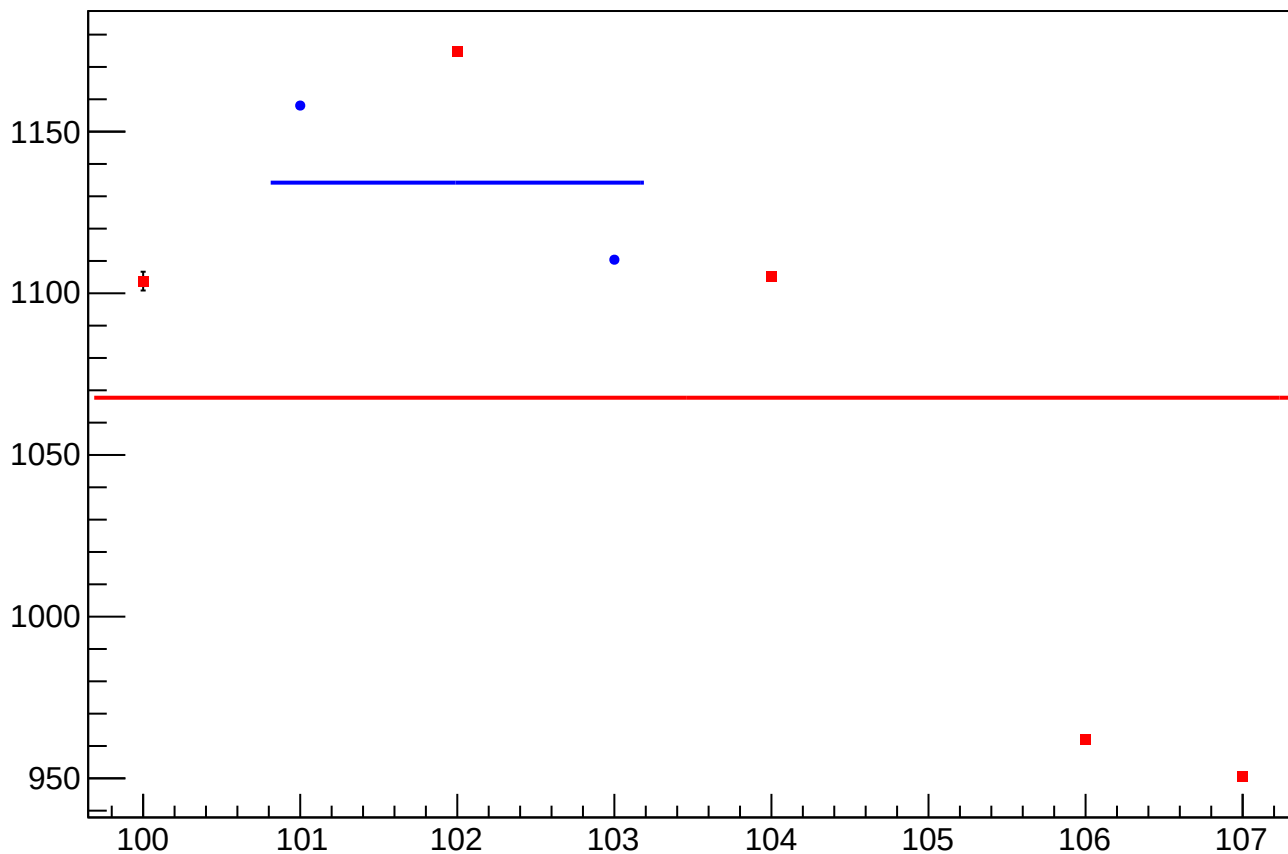
Right: 9.375 $\pm$ 0.626 χ^2 /NDF: 656.3/6

In: -8.930 $\pm$ 1.010 χ^2 /NDF: 1.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.375 $\pm$ 0.626 χ^2 /NDF: 656.3/6

diff_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 1134.221+/-0.714 χ^2/NDF : 1114.2/1

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

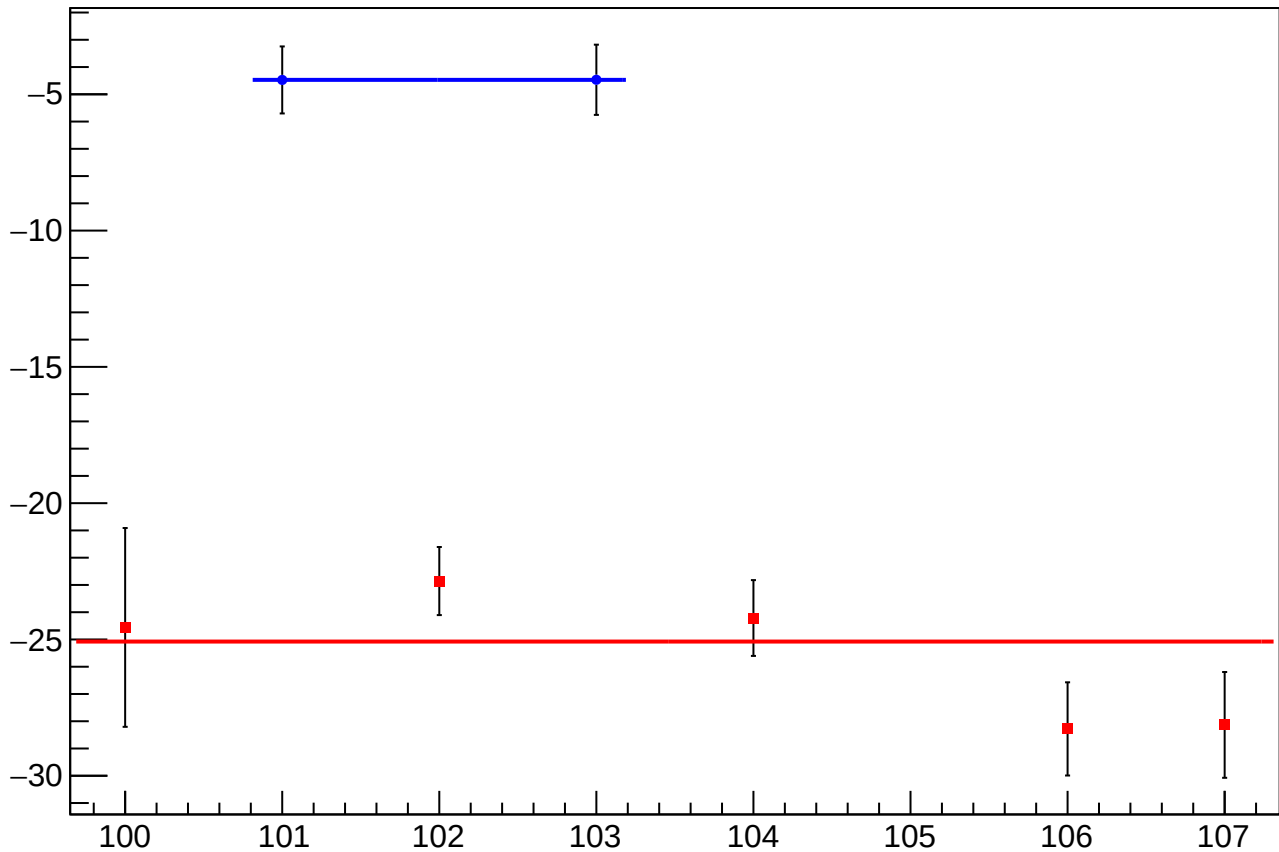
Right: 1093.241+/-0.442 χ^2/NDF : 33823.6/6

In: 1134.221+/-0.714 χ^2/NDF : 1114.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1093.241+/-0.442 χ^2/NDF : 33823.6/6

diff_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -4.470 ± 0.889 $\chi^2/\text{NDF}: 0.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -25.077 ± 0.737 $\chi^2/\text{NDF}: 9.6/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

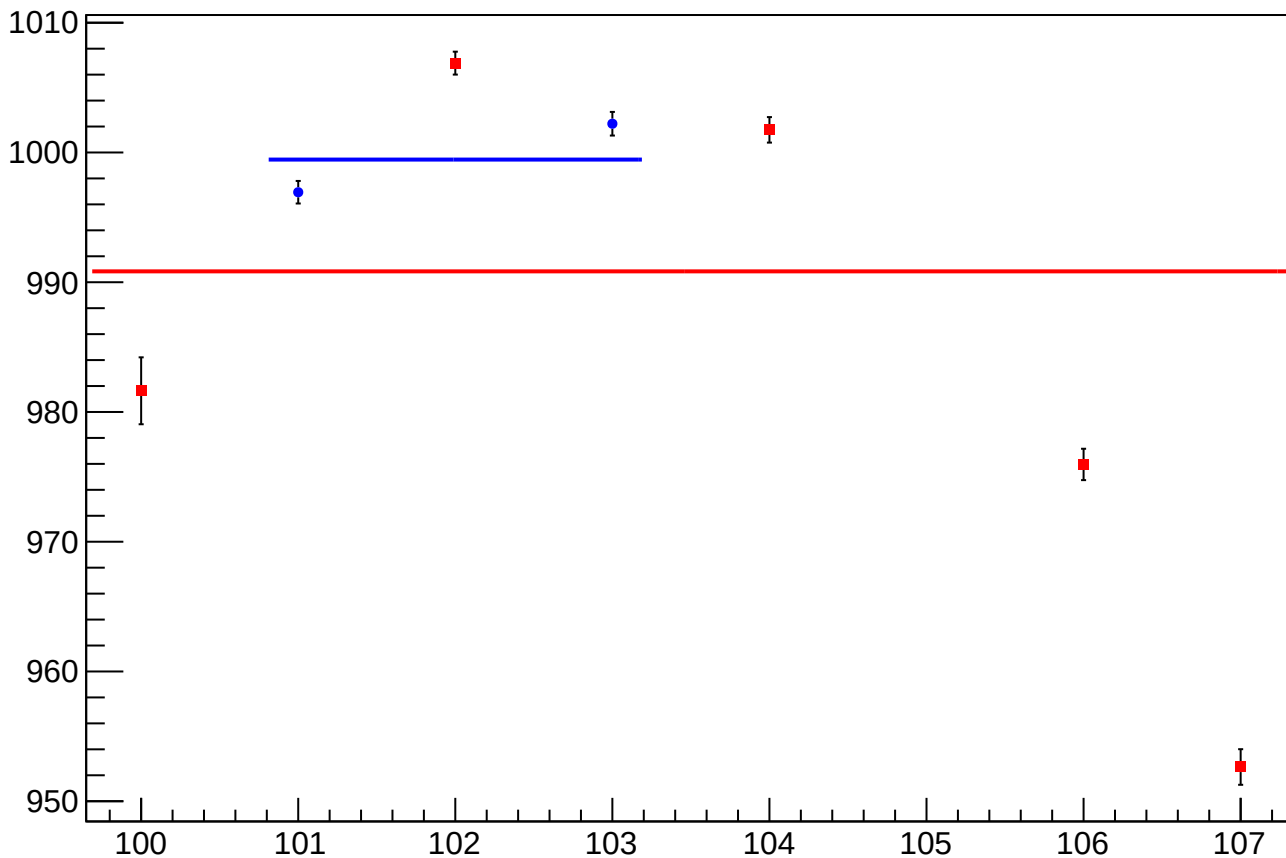
Right: -16.687 ± 0.567 $\chi^2/\text{NDF}: 327.9/6$

In: -4.470 ± 0.889 $\chi^2/\text{NDF}: 0.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -16.687 ± 0.567 $\chi^2/\text{NDF}: 327.9/6$

diff_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 999.453 $\pm$ 0.629 χ^2 /NDF: 17.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 990.838 $\pm$ 0.521 χ^2 /NDF: 1392.6/4

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

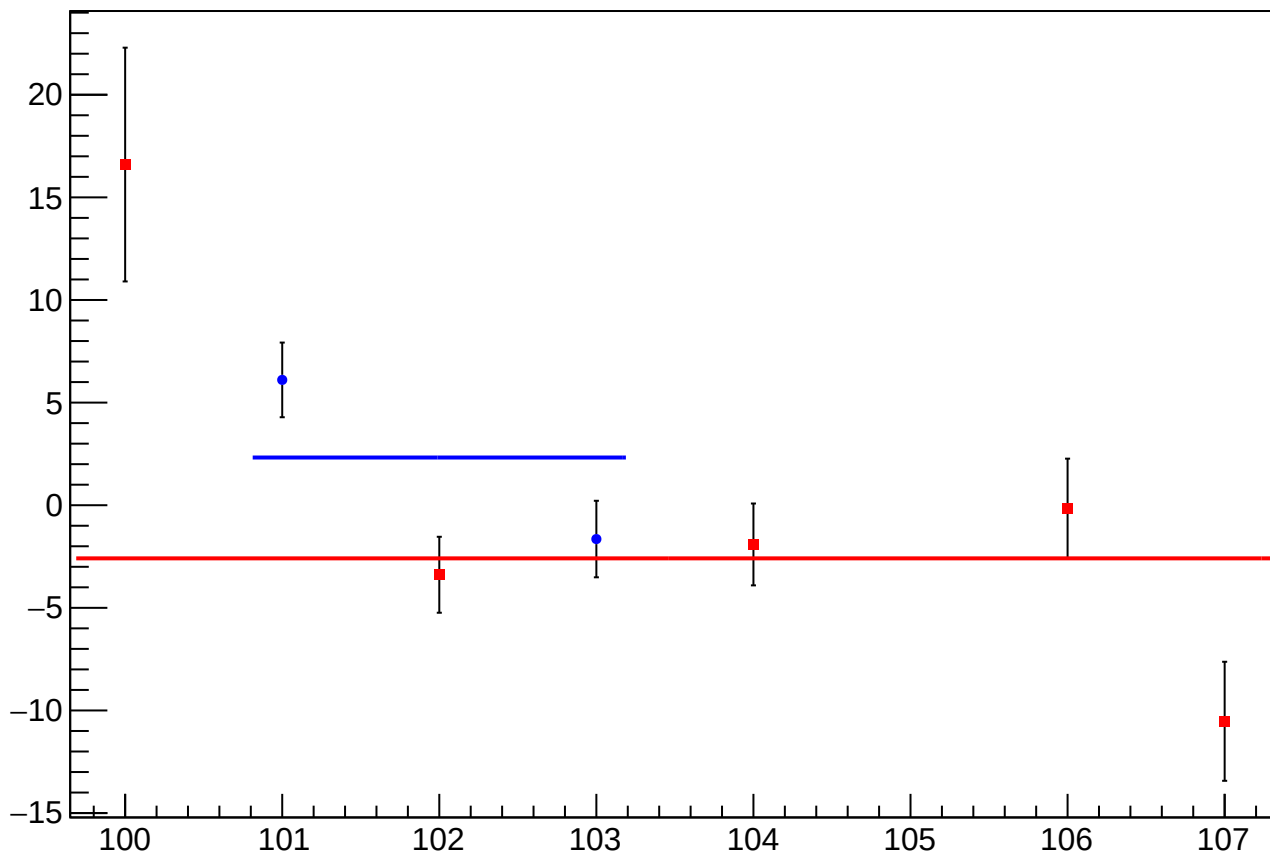
Right: 994.345 $\pm$ 0.401 χ^2 /NDF: 1521.5/6

In: 999.453 $\pm$ 0.629 χ^2 /NDF: 17.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 994.345 $\pm$ 0.401 χ^2 /NDF: 1521.5/6

diff_bpm0i02X_mean vs Slug, Sign Corrected



Right In: 2.325+/-1.302 χ^2/NDF : 8.9/1

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

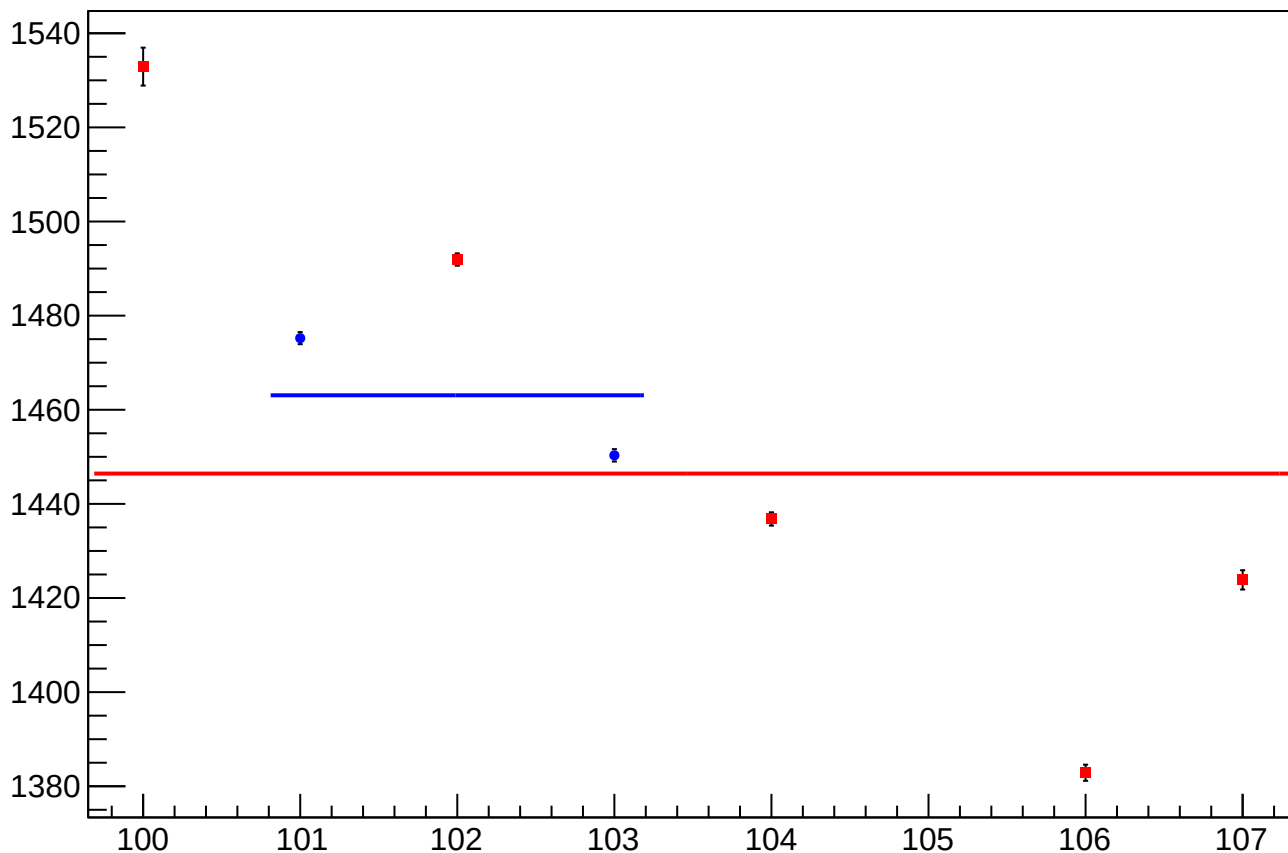
Right: -0.595+/-0.829 χ^2/NDF : 37.5/6

In: 2.325+/-1.302 χ^2/NDF : 8.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.595+/-0.829 χ^2/NDF : 37.5/6

diff_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 1463.075+/-0.921 χ^2 /NDF: 182.8/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1446.444+/-0.761 χ^2 /NDF: 3214.0/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

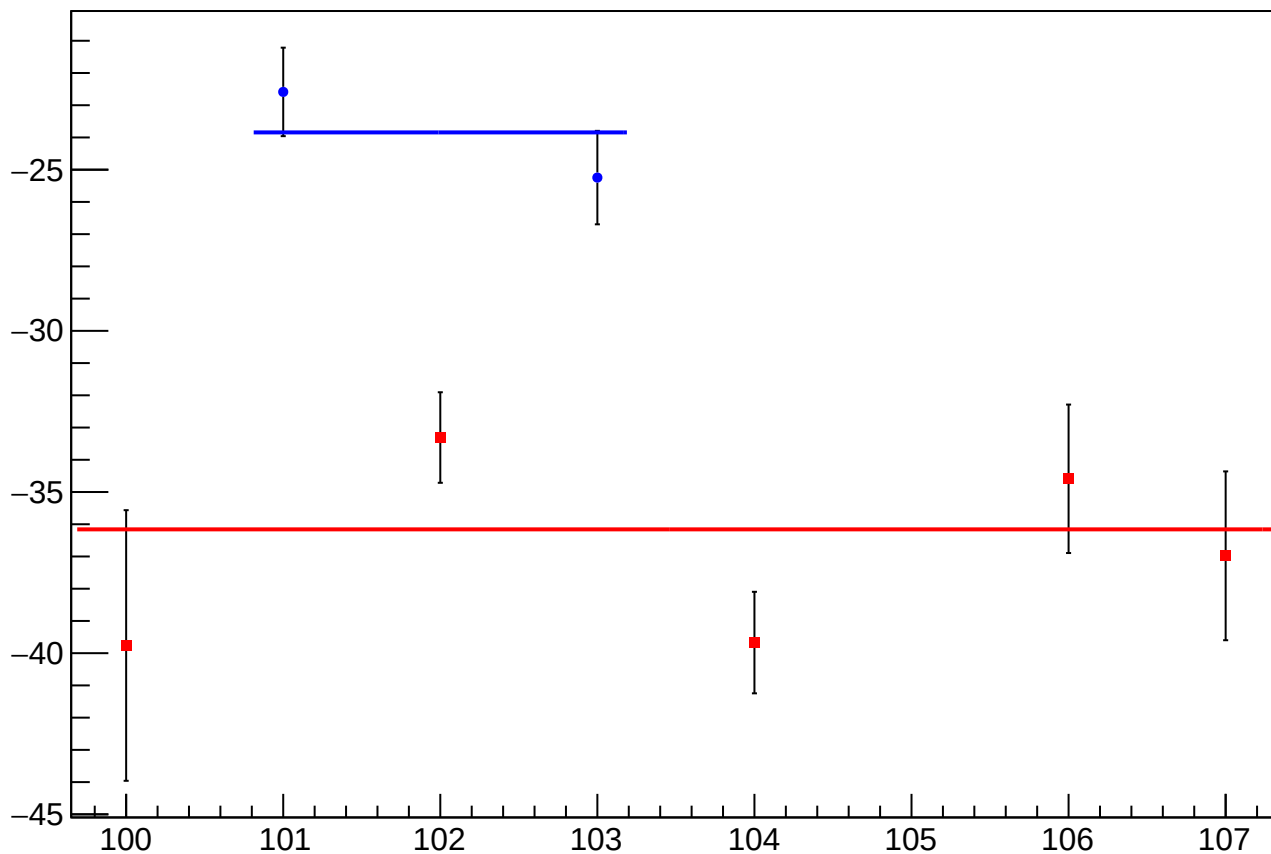
Right: 1453.194+/-0.587 χ^2 /NDF: 3590.7/6

In: 1463.075+/-0.921 χ^2 /NDF:182.8/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1453.194+/-0.587 χ^2 /NDF: 3590.7/6

diff_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -23.843 $\pm$ 0.997 χ^2 /NDF: 1.8/1

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

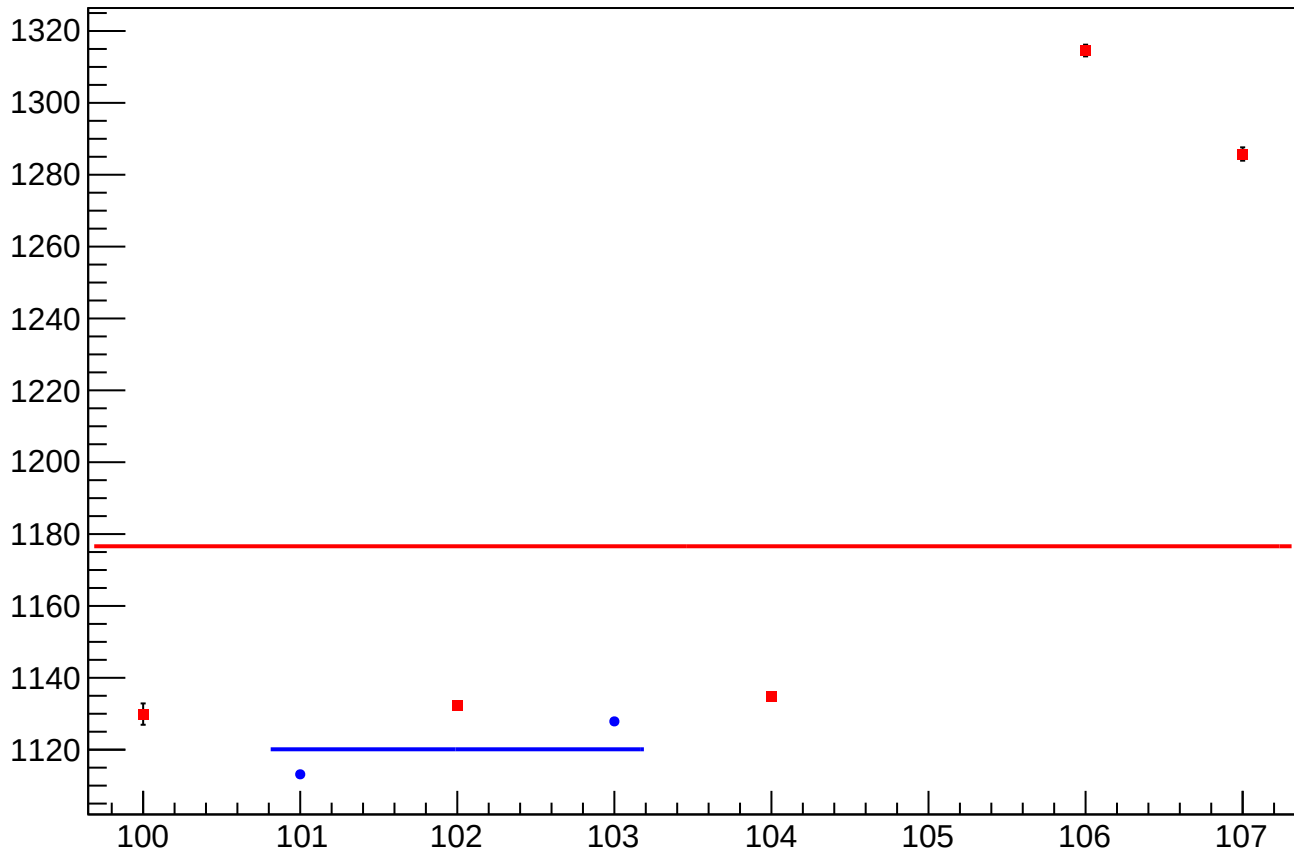
Right: -30.787 $\pm$ 0.658 χ^2 /NDF: 98.2/6

In: -23.843 $\pm$ 0.997 χ^2 /NDF:1.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -30.787 $\pm$ 0.658 χ^2 /NDF: 98.2/6

diff_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 1120.107 ± 0.705 $\chi^2/\text{NDF}: 108.8/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1176.607 ± 0.620 $\chi^2/\text{NDF}: 14292.4/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

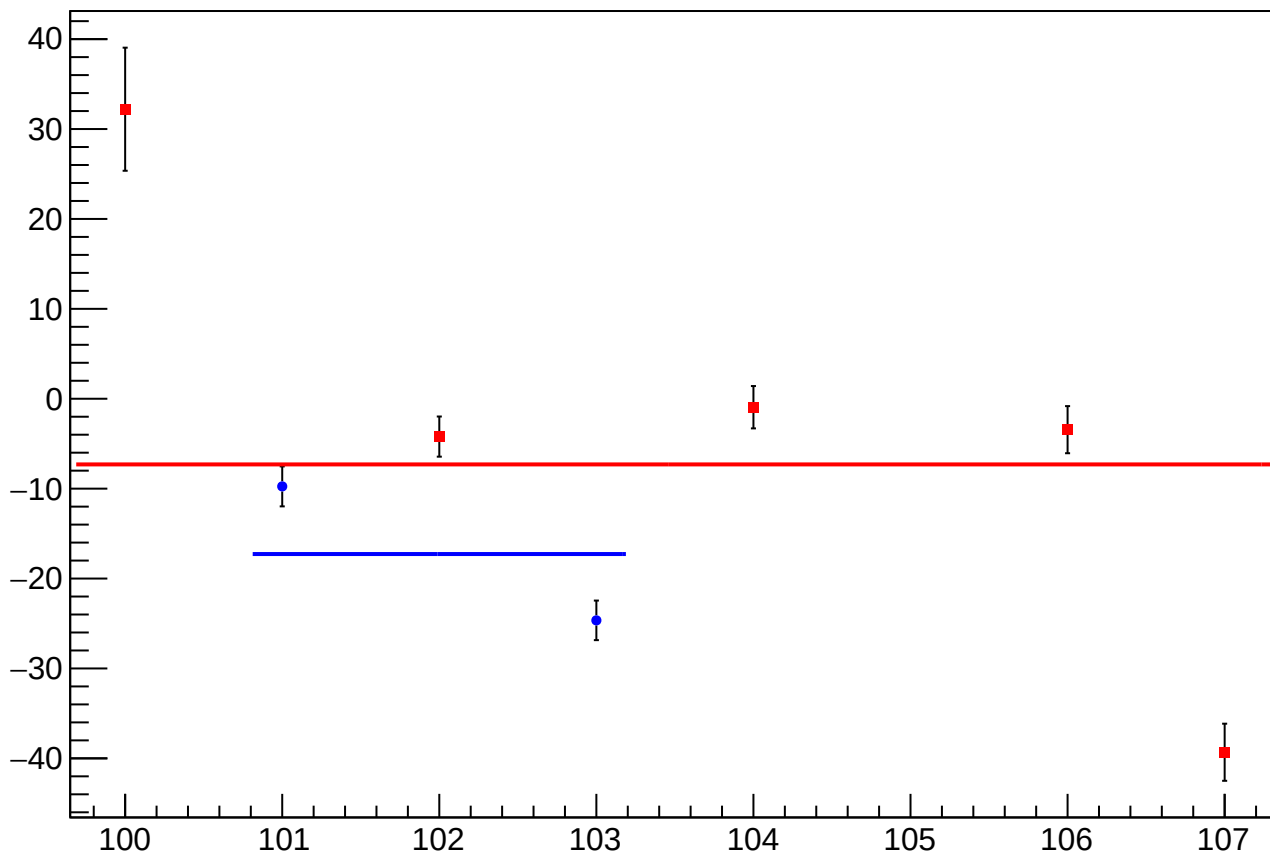
Right: 1151.964 ± 0.465 $\chi^2/\text{NDF}: 18024.4/6$

In: 1120.107 ± 0.705 $\chi^2/\text{NDF}: 108.8/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 1151.964 ± 0.465 $\chi^2/\text{NDF}: 18024.4/6$

diff_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: -17.274+/-1.564 χ^2/NDF : 22.7/1

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

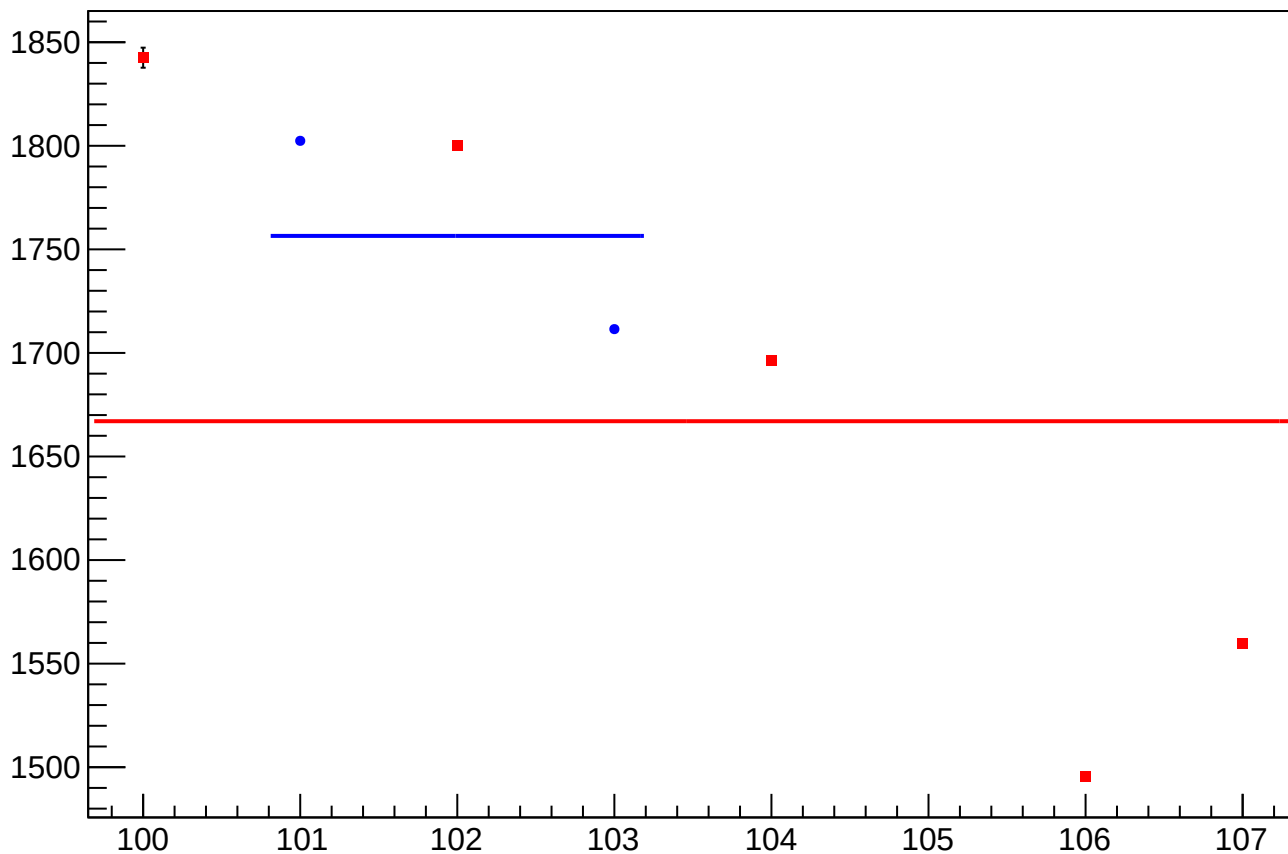
Right: -11.165+/-0.973 χ^2/NDF : 193.9/6

In: -17.274+/-1.564 χ^2/NDF : 22.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.165+/-0.973 χ^2/NDF : 193.9/6

diff_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 1756.497 $\pm$ 1.106 χ^2 /NDF: 1689.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1667.038 $\pm$ 0.879 χ^2 /NDF: 19589.9/4

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

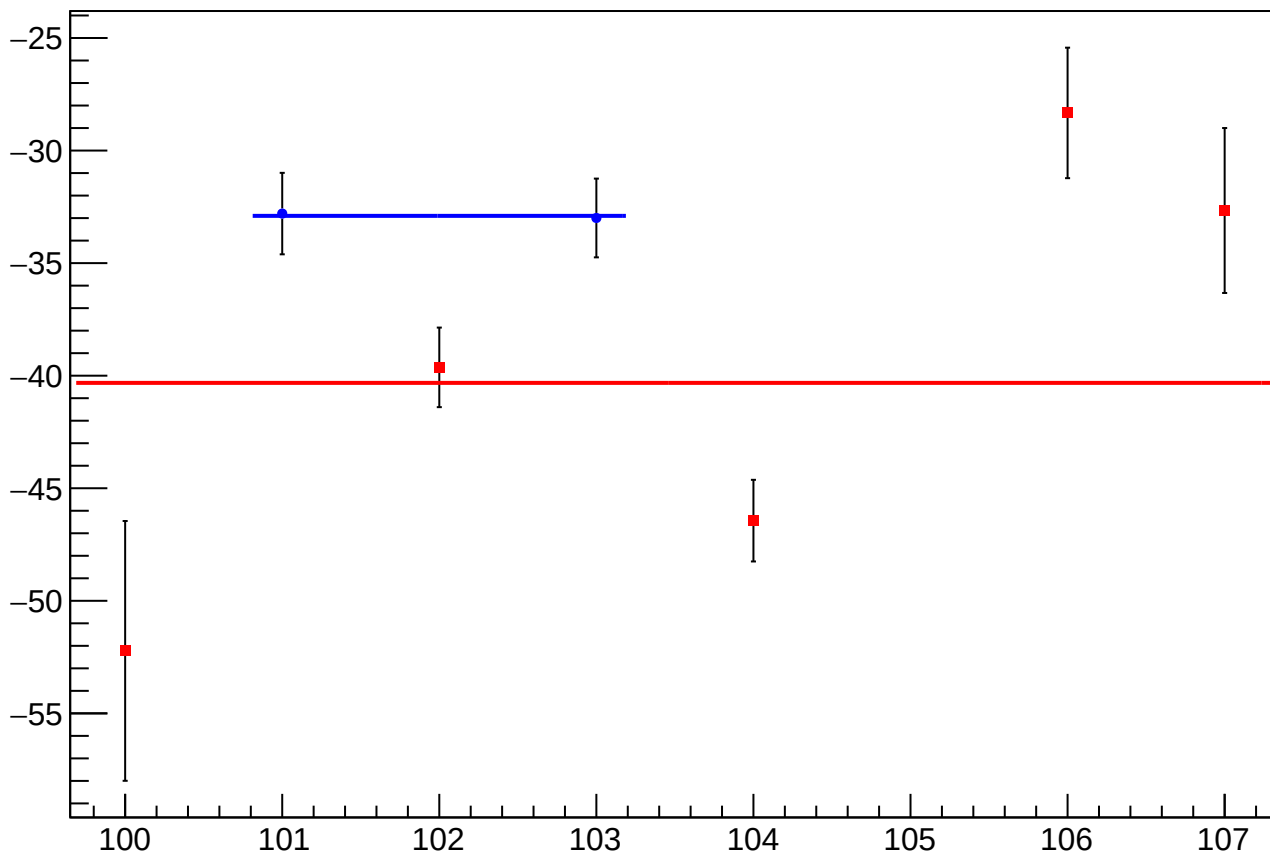
Right: 1701.684 $\pm$ 0.688 χ^2 /NDF: 25289.1/6

In: 1756.497 $\pm$ 1.106 χ^2 /NDF:1689.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1701.684 $\pm$ 0.688 χ^2 /NDF: 25289.1/6

diff_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -32.900 $\pm$ 1.258 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -40.320 $\pm$ 1.086 χ^2 /NDF: 37.3/4

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

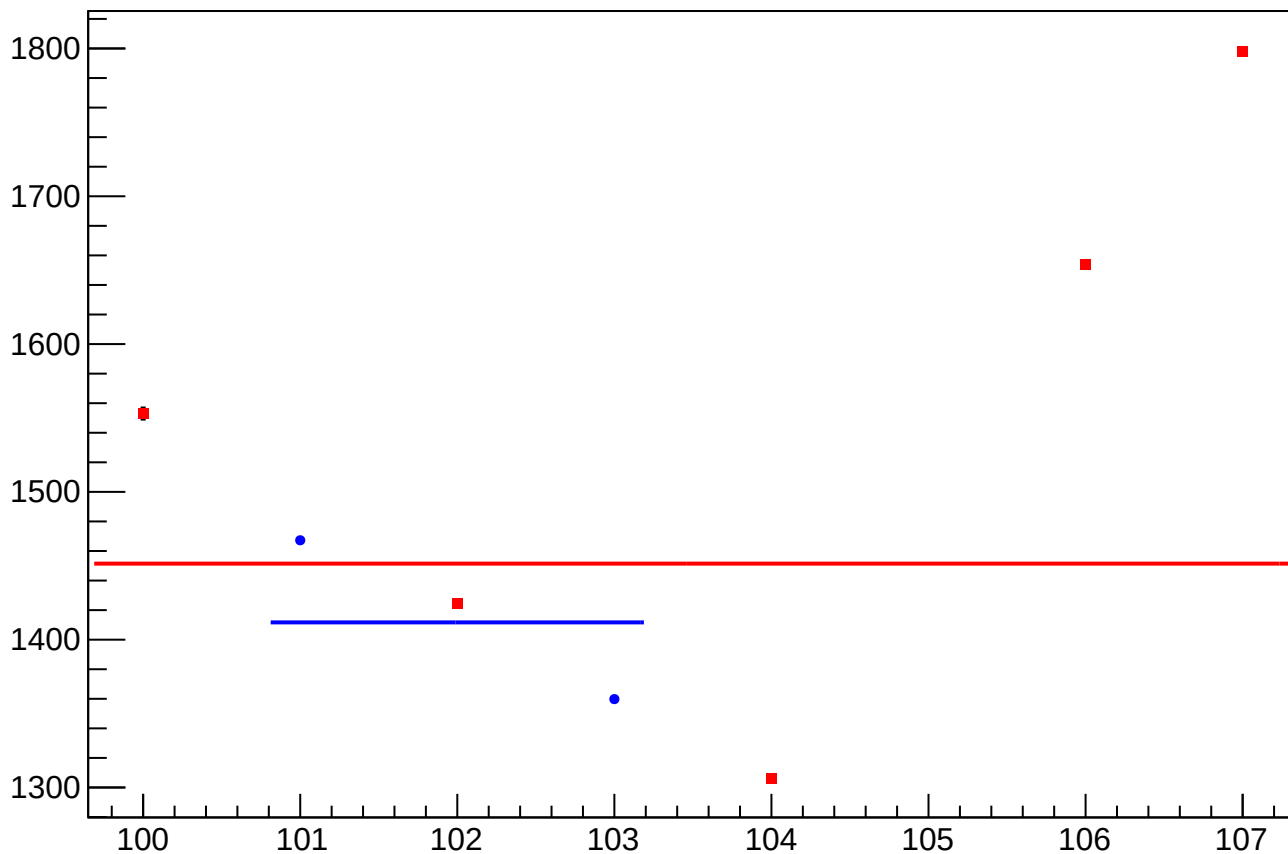
Right: -37.151 $\pm$ 0.822 χ^2 /NDF: 57.2/6

In: -32.900 $\pm$ 1.258 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -37.151 $\pm$ 0.822 χ^2 /NDF: 57.2/6

diff_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 1411.704+/-0.889 χ^2/NDF : 3646.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1451.461+/-0.768 χ^2/NDF : 41649.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

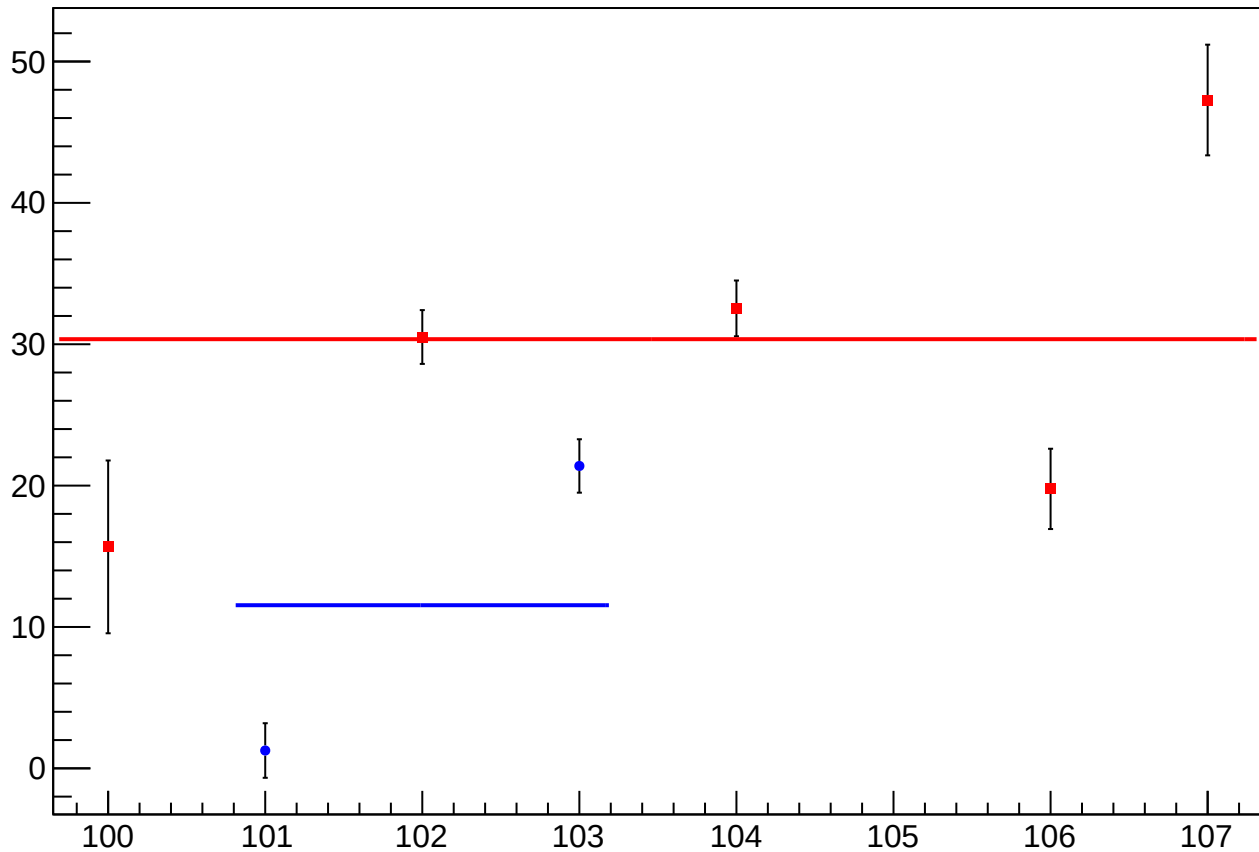
Right: 1434.479+/-0.581 χ^2/NDF : 46440.8/6

In: 1411.704+/-0.889 χ^2/NDF : 3646.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1434.479+/-0.581 χ^2/NDF : 46440.8/6

diff_bpm0i05X_mean vs Slug, Sign Corrected



Right In: 11.539+/-1.350 χ^2/NDF : 55.5/1

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

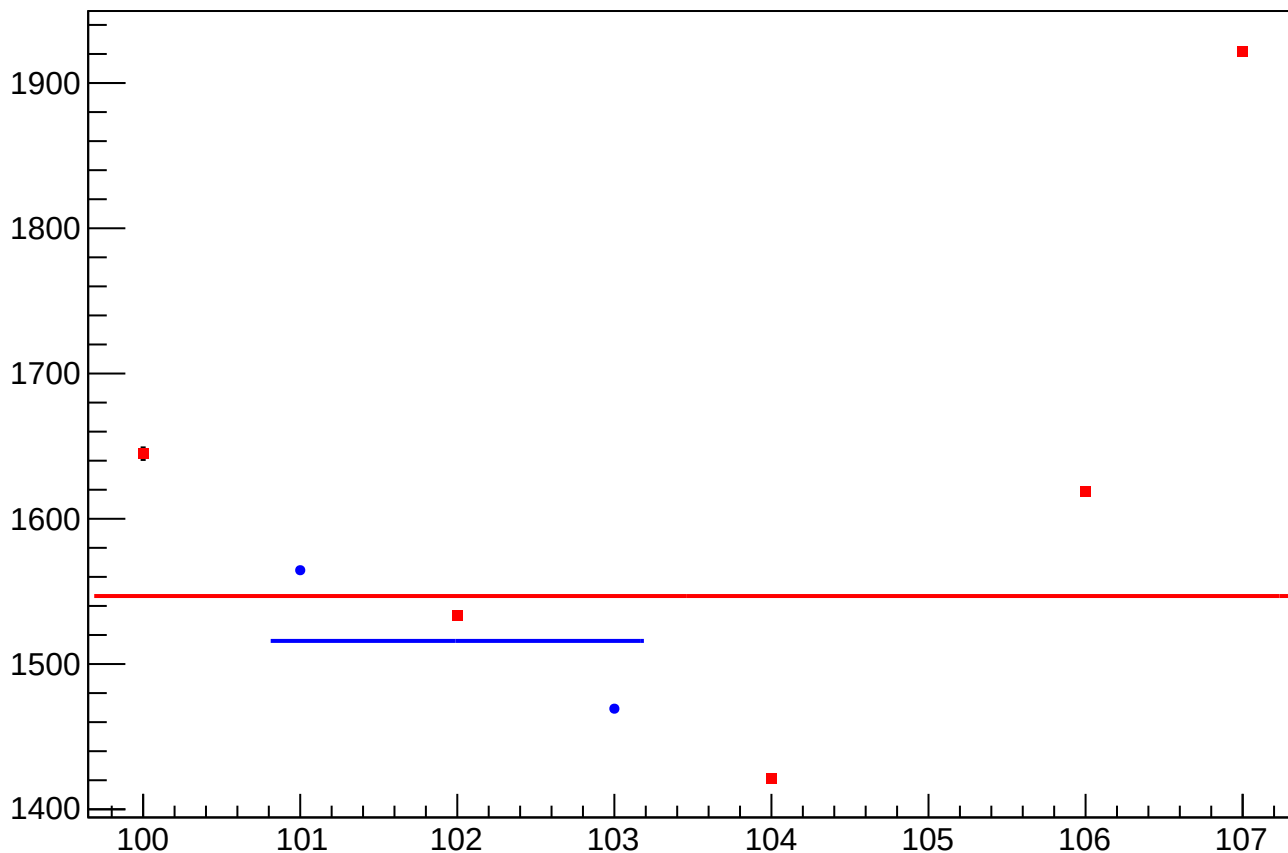
Right: 22.404+/-0.878 χ^2/NDF : 207.2/6

In: 11.539+/-1.350 χ^2/NDF : 55.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.404+/-0.878 χ^2/NDF : 207.2/6

diff_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 1515.925 $\pm$ 0.955 χ^2 /NDF: 2490.6/1

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

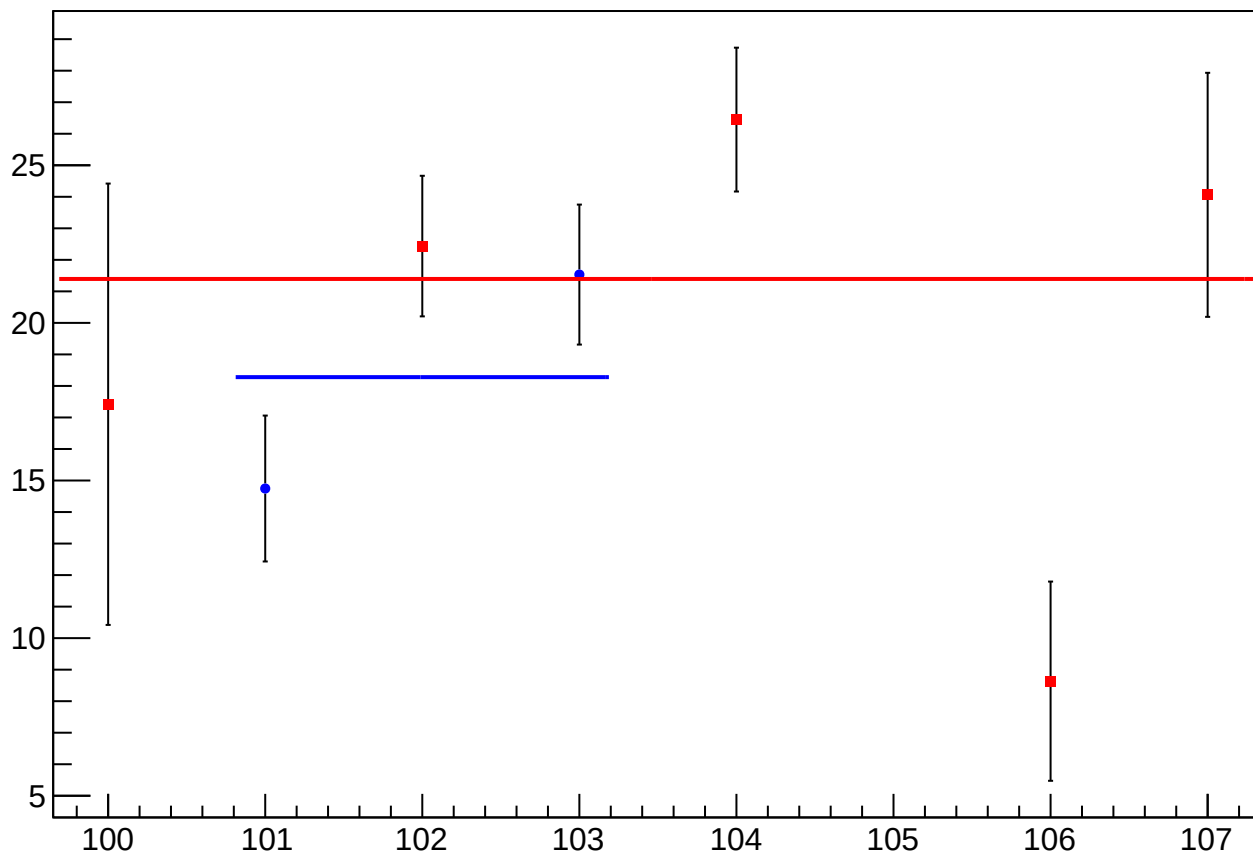
Right: 1533.762 $\pm$ 0.621 χ^2 /NDF: 31464.1/6

In: 1515.925 $\pm$ 0.955 χ^2 /NDF: 2490.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1533.762 $\pm$ 0.621 χ^2 /NDF: 31464.1/6

diff_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: 18.279+/-1.602 χ^2/NDF : 4.5/1

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

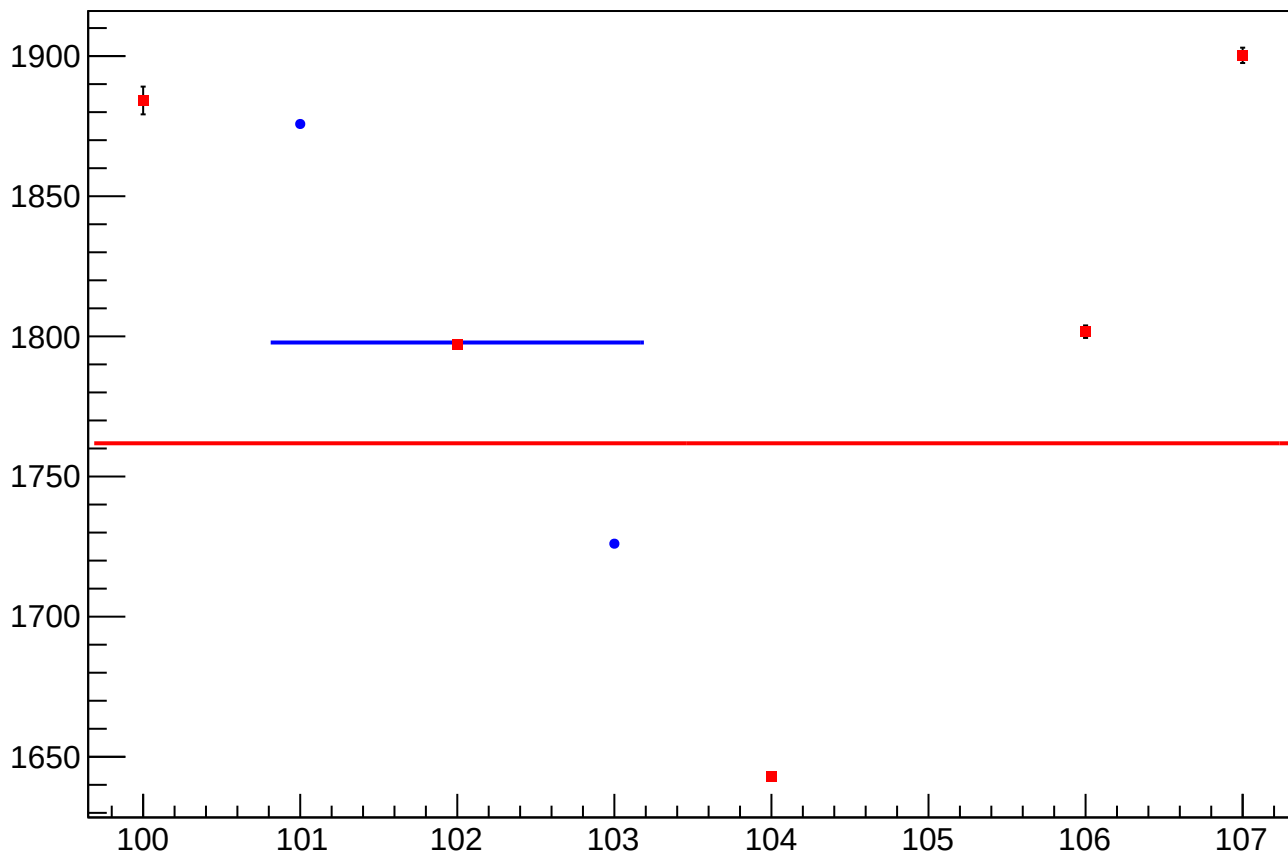
Right: 20.143+/-1.015 χ^2/NDF : 29.0/6

In: 18.279+/-1.602 χ^2/NDF : 4.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.143+/-1.015 χ^2/NDF : 29.0/6

diff_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 1797.812+/-1.133 χ^2/NDF : 4360.1/1

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

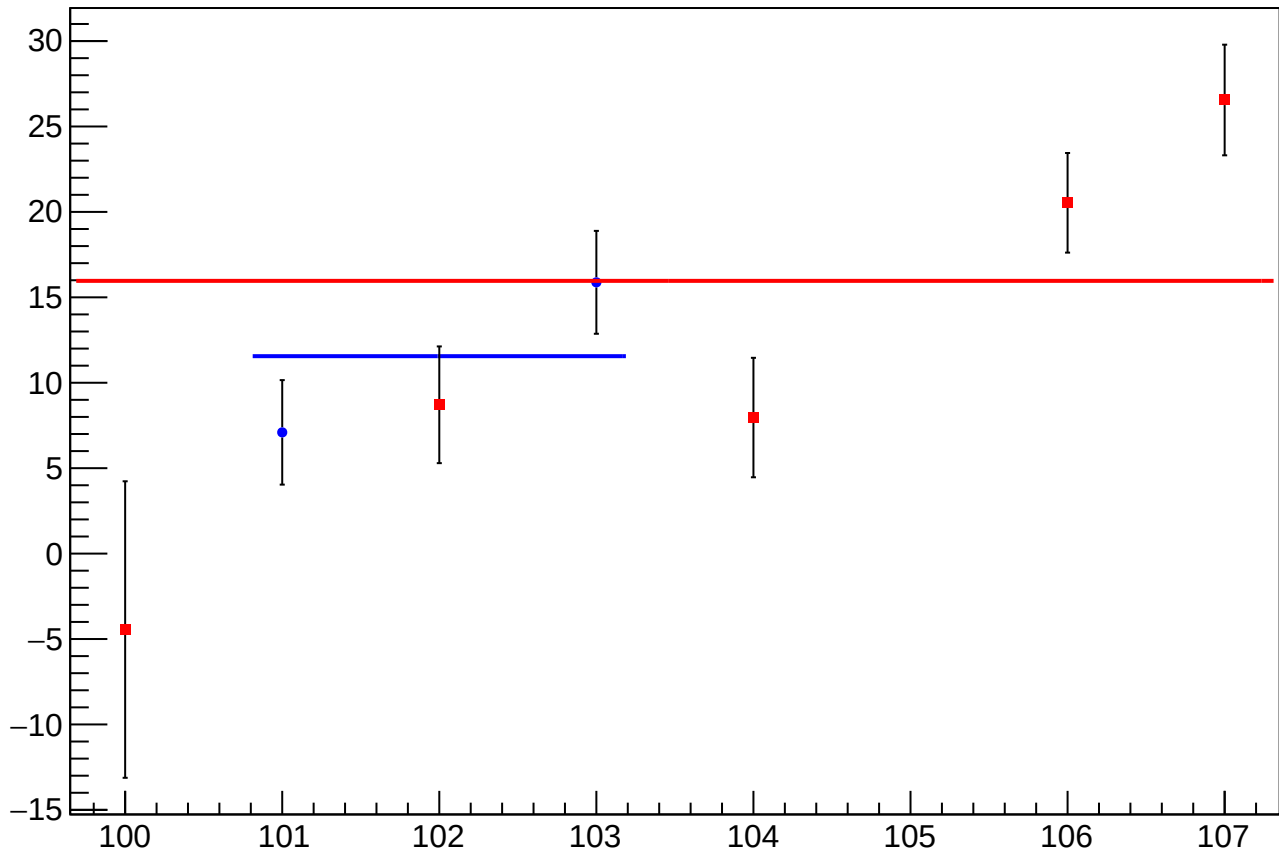
Right: 1776.296+/-0.718 χ^2/NDF : 14372.8/6

In: 1797.812+/-1.133 χ^2/NDF : 4360.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1776.296+/-0.718 χ^2/NDF : 14372.8/6

diff_bpm0i07X_mean vs Slug, Sign Corrected



Right In: 11.556+/-2.146 χ^2/NDF : 4.2/1

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

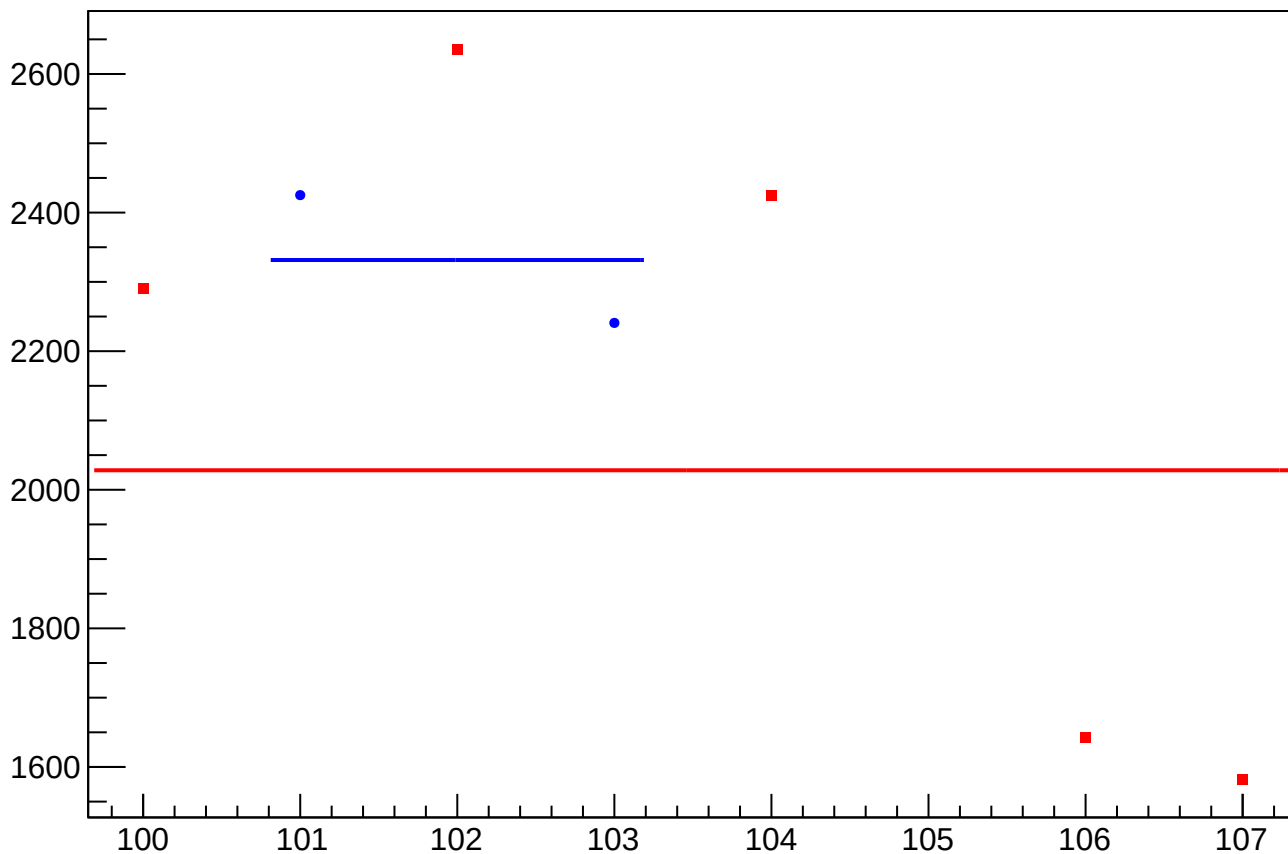
Right: 14.397+/-1.279 χ^2/NDF : 35.3/6

In: 11.556+/-2.146 χ^2/NDF : 4.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.397+/-1.279 χ^2/NDF : 35.3/6

diff_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 2331.559+/-1.517 χ^2/NDF : 3690.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2028.145+/-1.127 χ^2/NDF : 163793.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

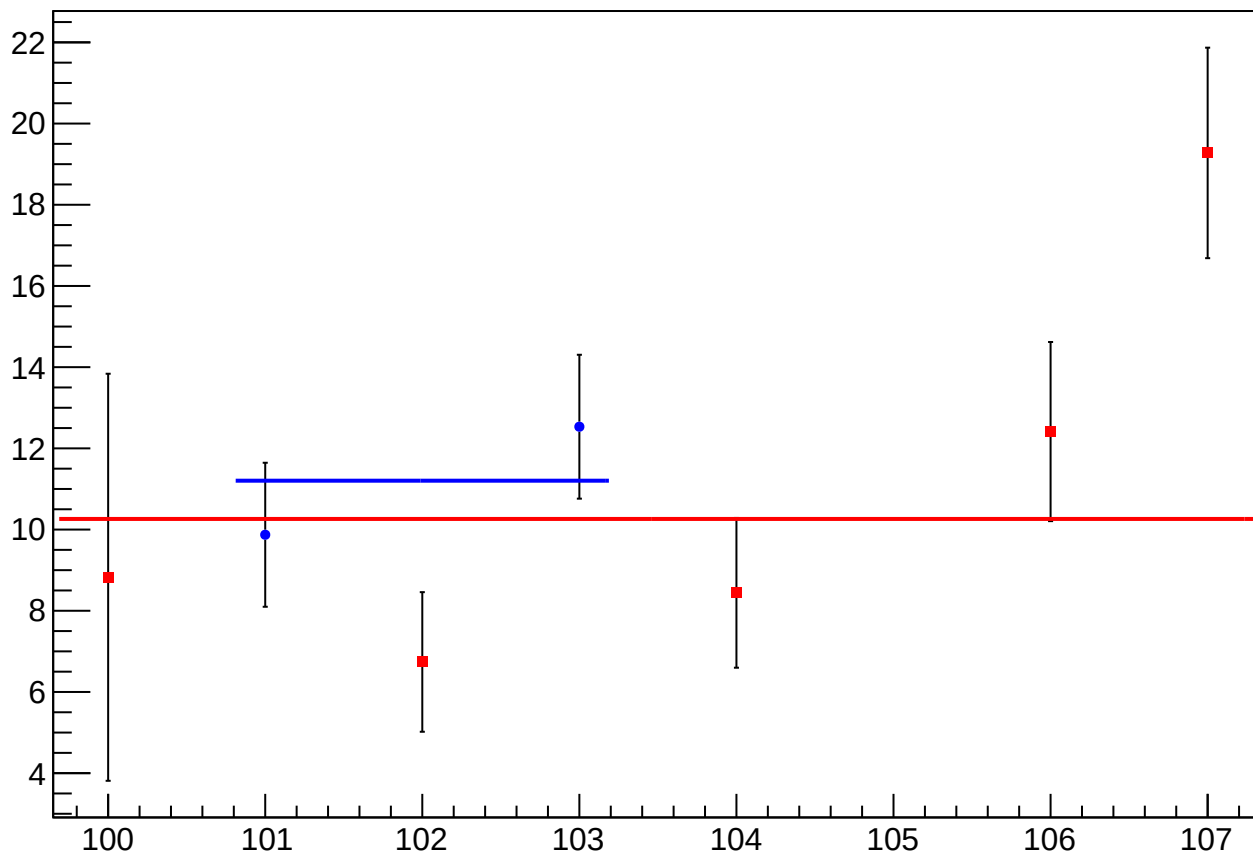
Right: 2135.998+/-0.905 χ^2/NDF : 193256.8/6

In: 2331.559+/-1.517 χ^2/NDF : 3690.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2135.998+/-0.905 χ^2/NDF : 193256.8/6

diff_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 11.204 $\pm$ 1.254 χ^2 /NDF: 1.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.262 $\pm$ 0.987 χ^2 /NDF: 18.3/4

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

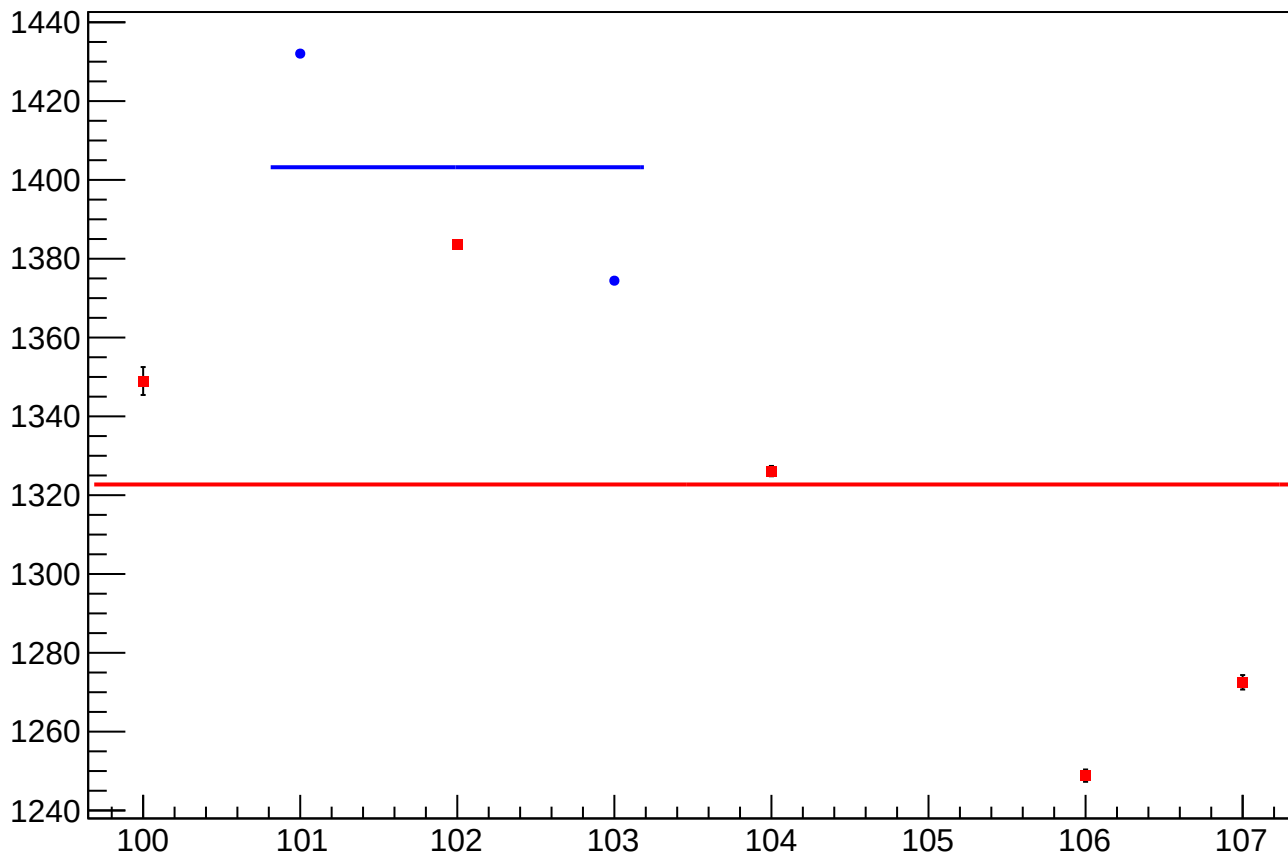
Right: 10.622 $\pm$ 0.776 χ^2 /NDF: 19.8/6

In: 11.204 $\pm$ 1.254 χ^2 /NDF: 1.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.622 $\pm$ 0.776 χ^2 /NDF: 19.8/6

diff_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 1403.214+/-0.886 χ^2/NDF : 1056.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1322.715+/-0.698 χ^2/NDF : 5565.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

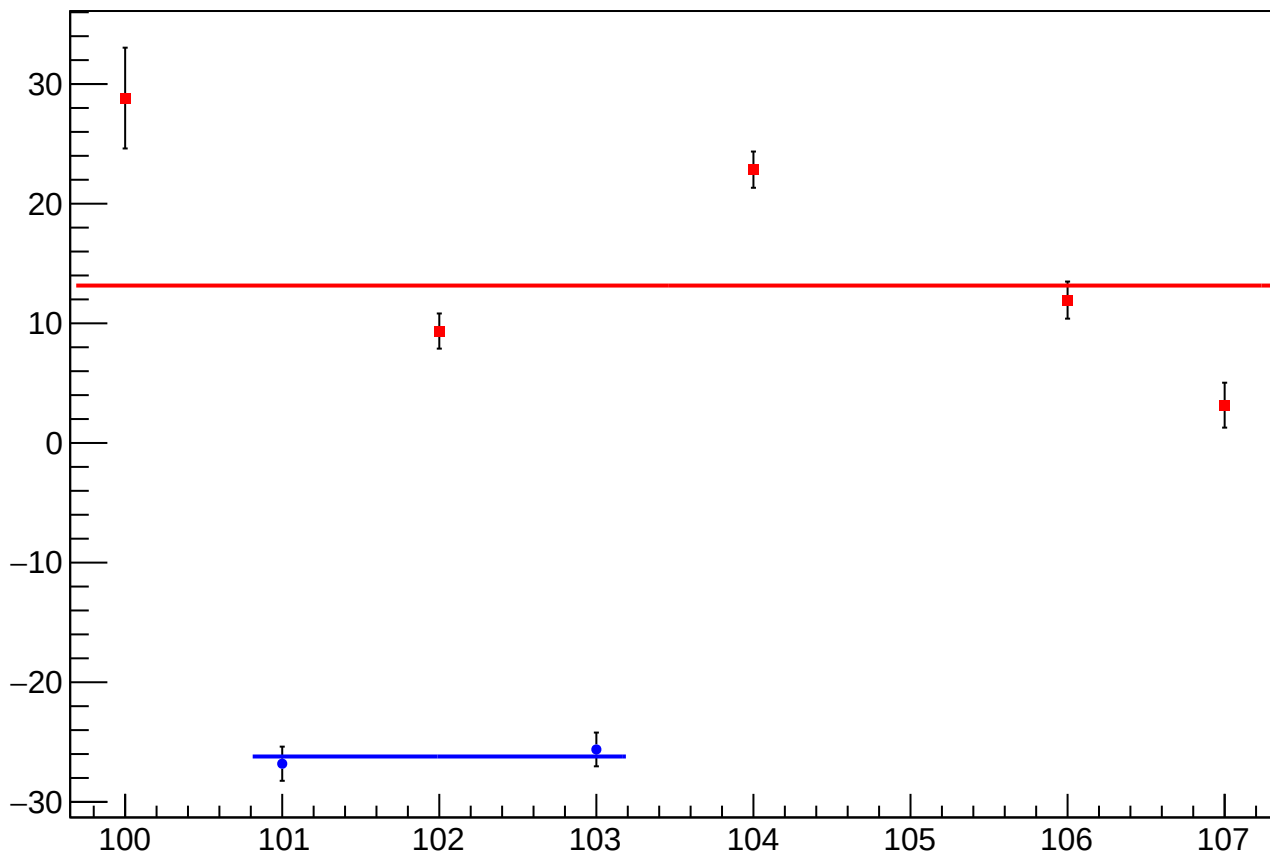
Right: 1353.524+/-0.548 χ^2/NDF : 11712.3/6

In: 1403.214+/-0.886 χ^2/NDF : 1056.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1353.524+/-0.548 χ^2/NDF : 11712.3/6

diff_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -26.205 ± 1.003 χ^2/NDF : 0.4/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 13.157 ± 0.777 χ^2/NDF : 90.4/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

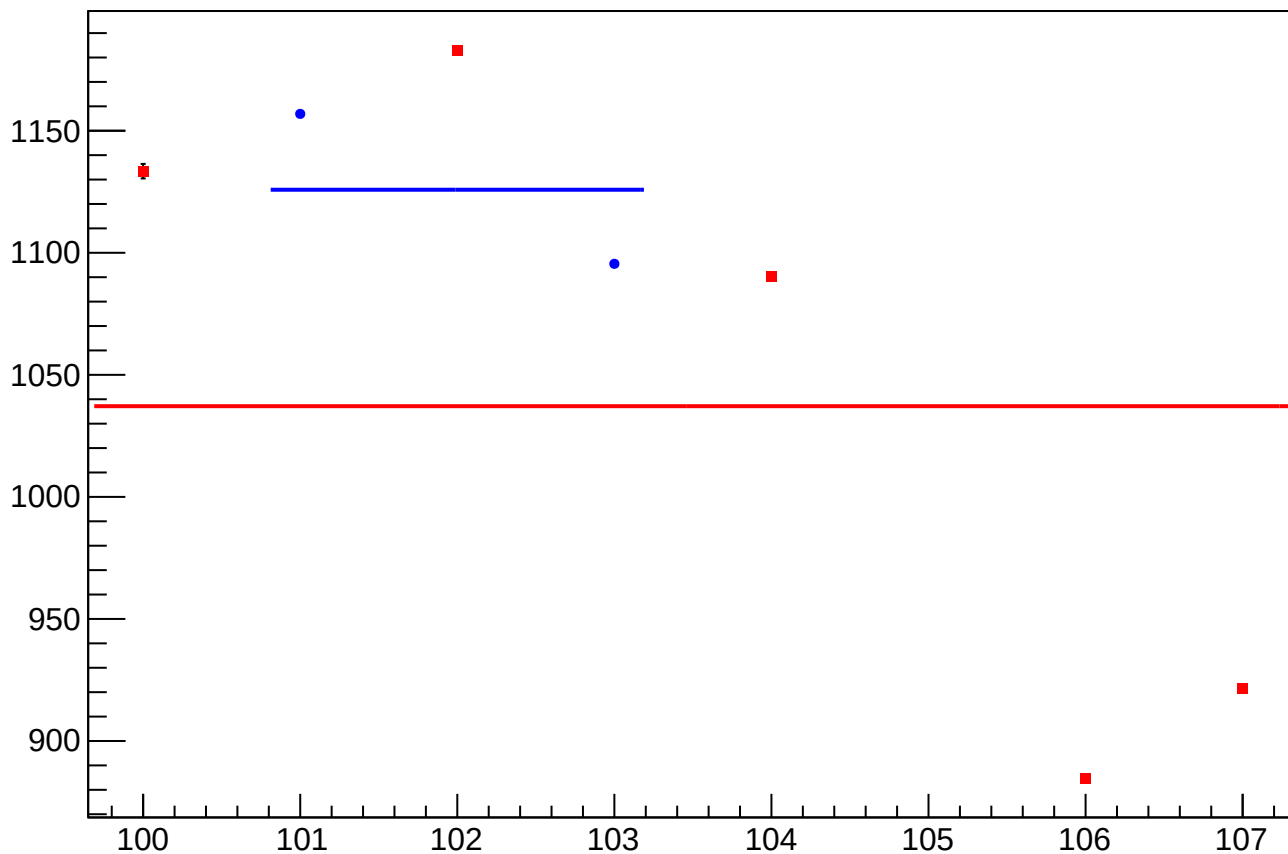
Right: -1.603 ± 0.614 χ^2/NDF : 1052.6/6

In: -26.205 ± 1.003 χ^2/NDF : 0.4/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.603 ± 0.614 χ^2/NDF : 1052.6/6

diff_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 1125.832 $\pm$ 0.710 χ^2 /NDF: 1872.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1037.159 $\pm$ 0.550 χ^2 /NDF: 50111.7/4

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

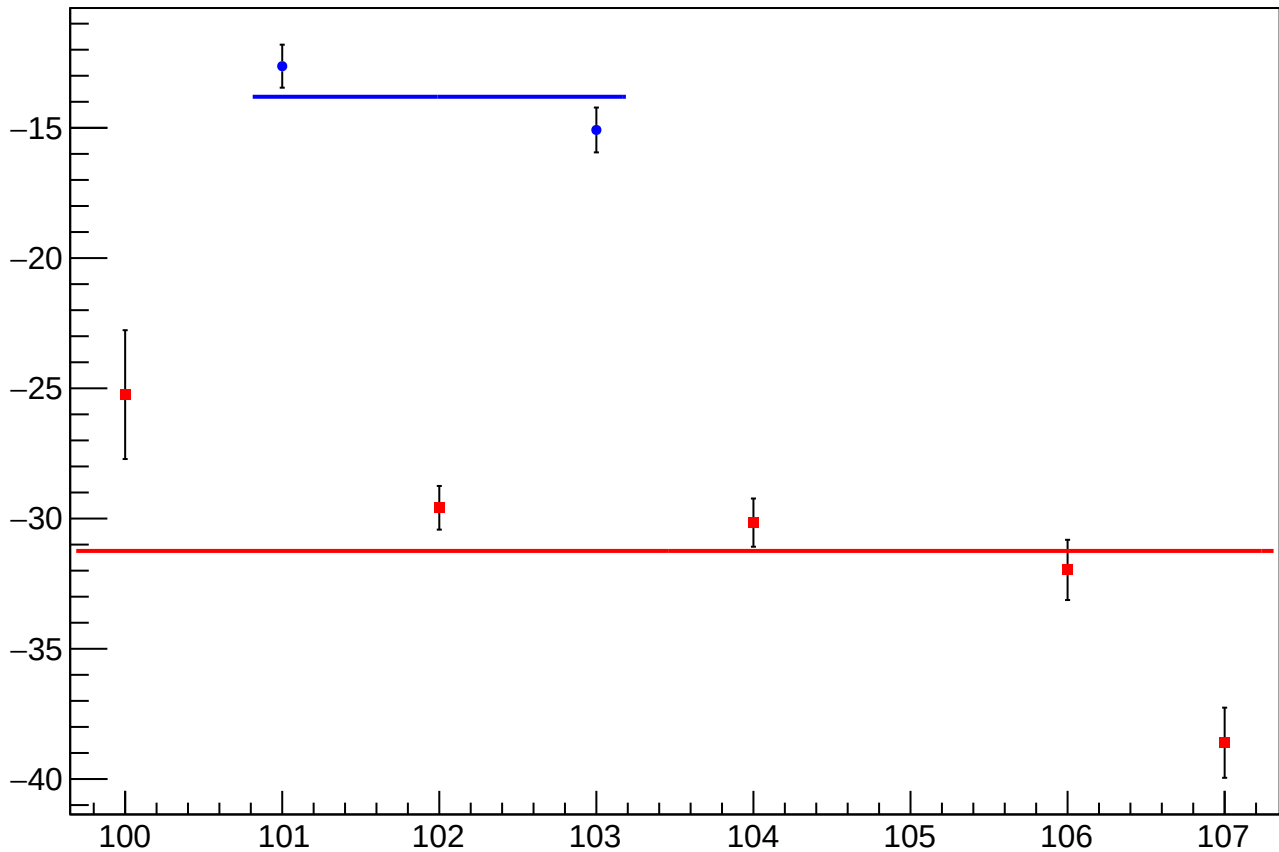
Right: 1070.411 $\pm$ 0.434 χ^2 /NDF: 61747.0/6

In: 1125.832 $\pm$ 0.710 χ^2 /NDF: 1872.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1070.411 $\pm$ 0.434 χ^2 /NDF: 61747.0/6

diff_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: -13.806 $\pm$ 0.596 χ^2 /NDF: 4.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -31.243 $\pm$ 0.497 χ^2 /NDF: 41.5/4

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

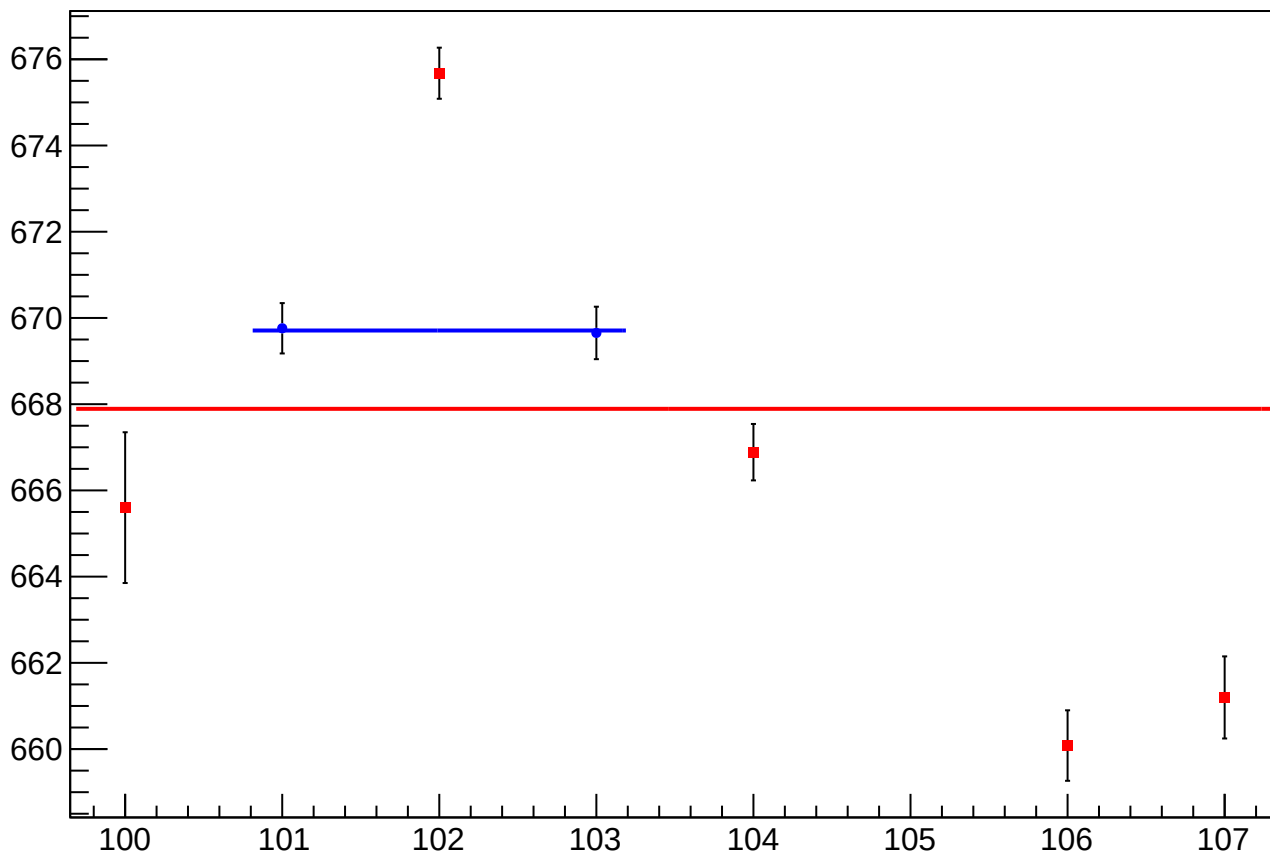
Right: -24.095 $\pm$ 0.382 χ^2 /NDF: 550.9/6

In: -13.806 $\pm$ 0.596 χ^2 /NDF: 4.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -24.095 $\pm$ 0.382 χ^2 /NDF: 550.9/6

diff_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 669.709 $\pm$ 0.421 χ^2 /NDF: 0.0/1

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

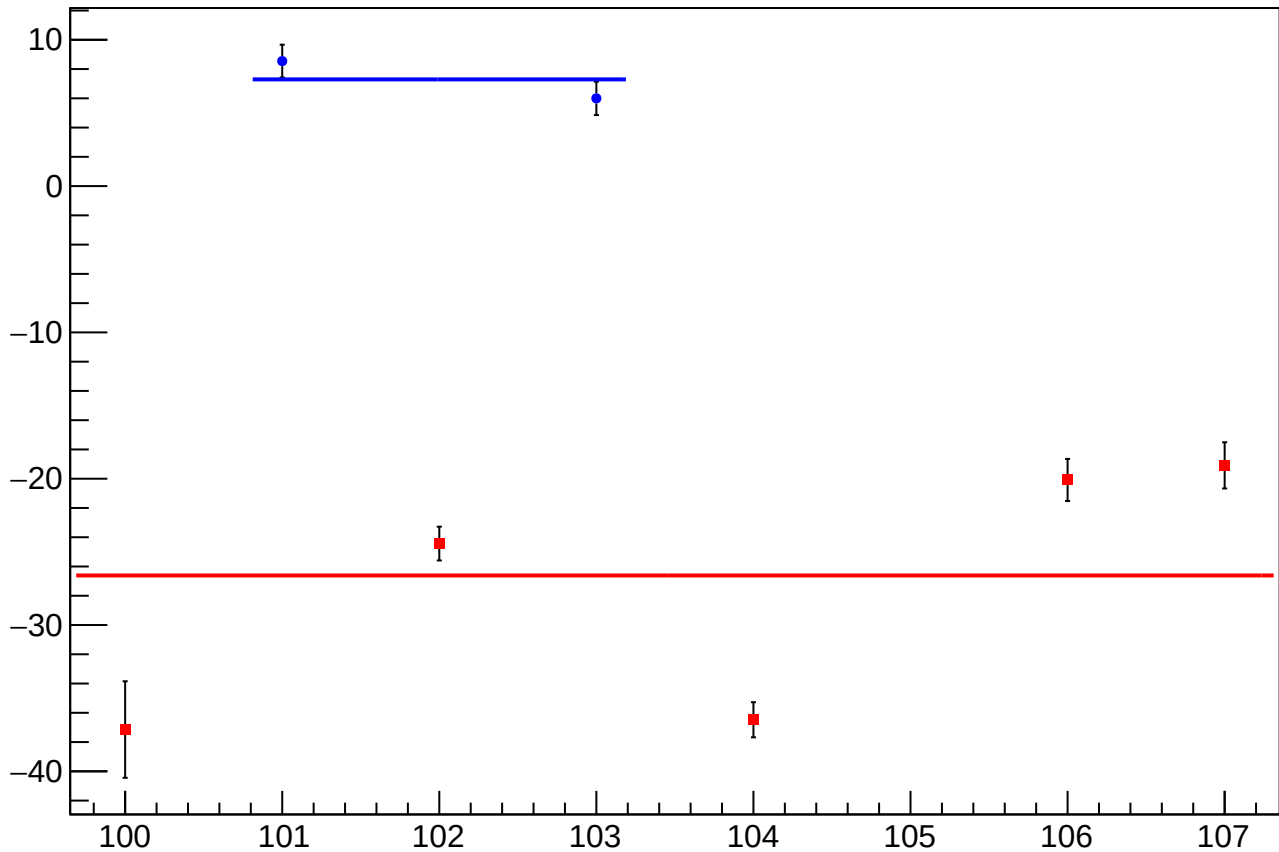
Right: 668.637 $\pm$ 0.270 χ^2 /NDF: 328.3/6

In: 669.709 $\pm$ 0.421 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 668.637 $\pm$ 0.270 χ^2 /NDF: 328.3/6

diff_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 7.293+/-0.801 χ^2/NDF : 2.5/1

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

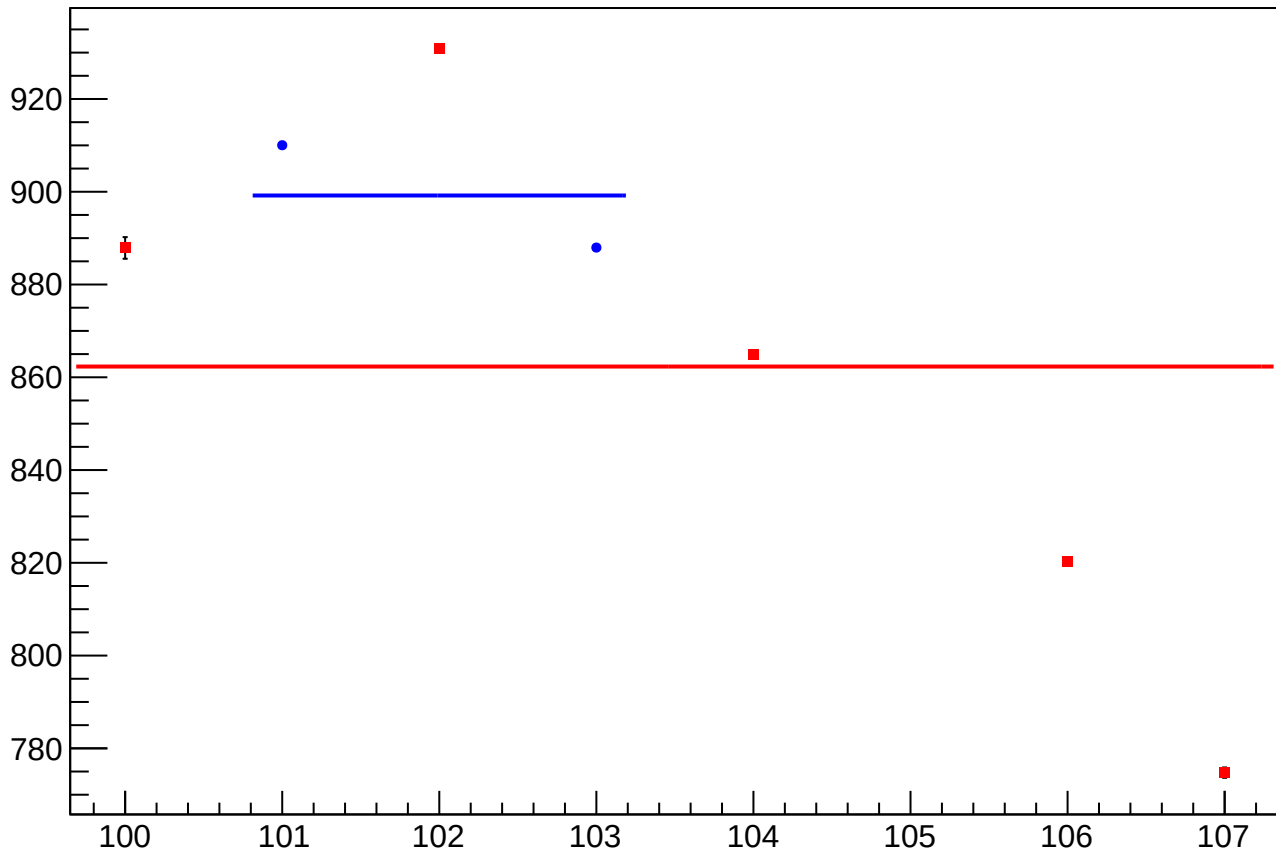
Right: -13.323+/-0.501 χ^2/NDF : 1217.0/6

In: 7.293+/-0.801 χ^2/NDF : 2.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.323+/-0.501 χ^2/NDF : 1217.0/6

diff_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 899.193+/-0.566 χ^2/NDF : 379.6/1

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

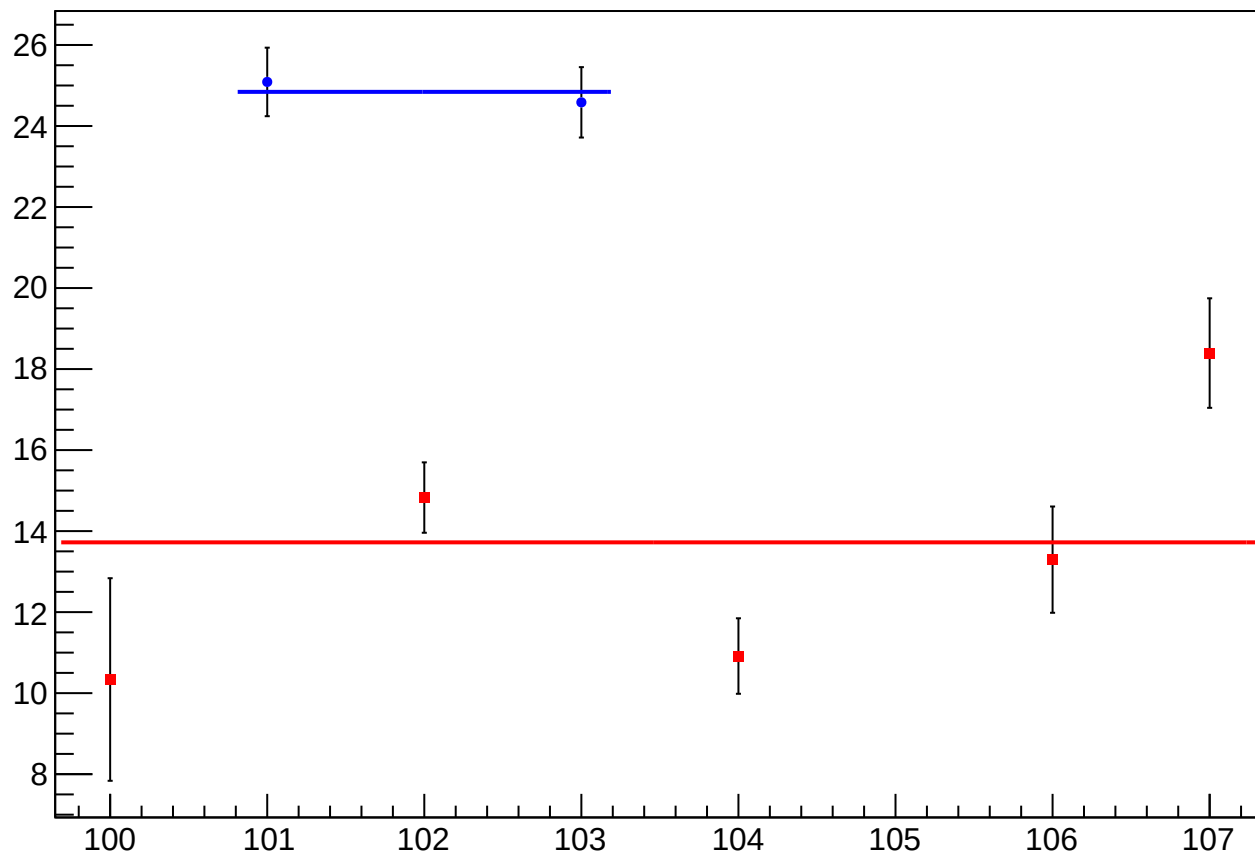
Right: 876.770+/-0.355 χ^2/NDF : 17986.9/6

In: 899.193+/-0.566 χ^2/NDF : 379.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 876.770+/-0.355 χ^2/NDF : 17986.9/6

diff_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 24.843 $\pm$ 0.606 χ^2 /NDF: 0.2/1

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

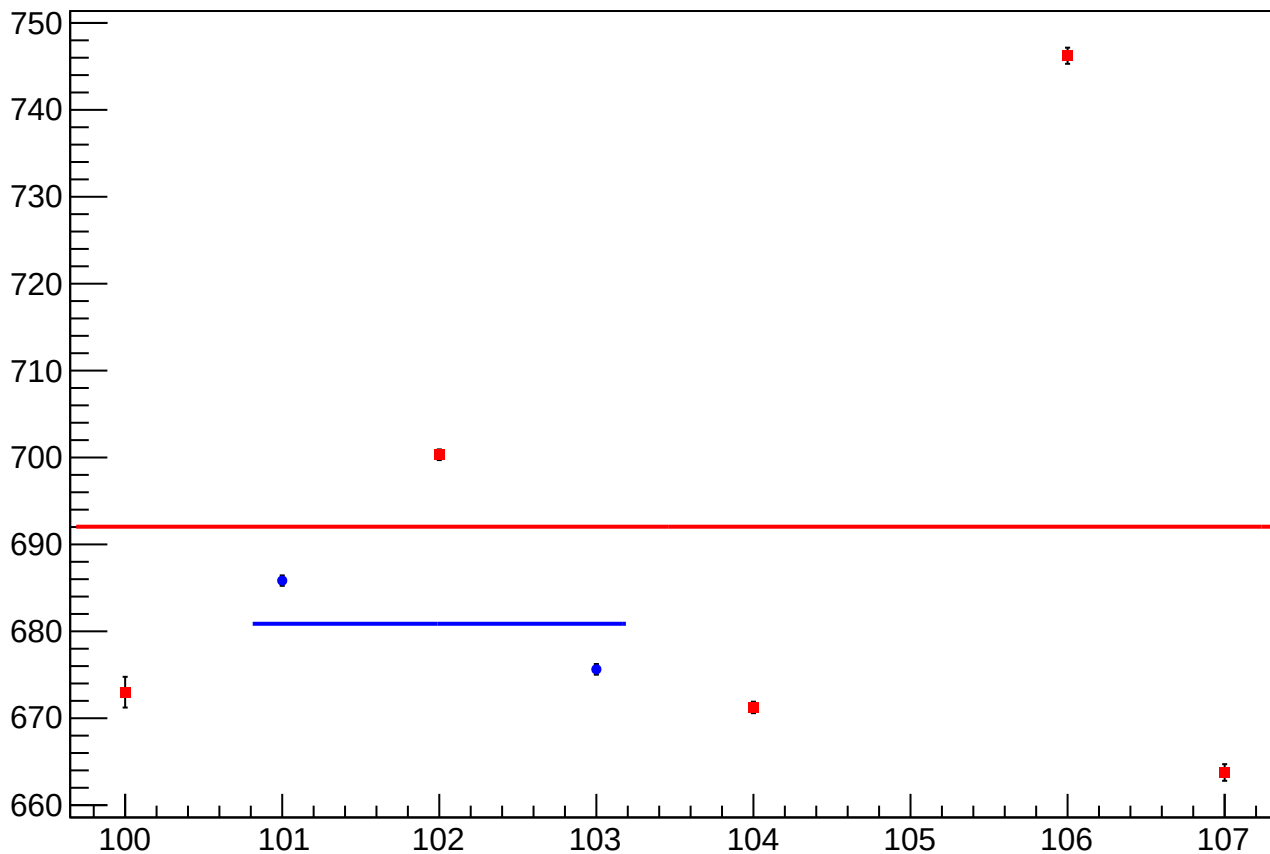
Right: 18.389 $\pm$ 0.393 χ^2 /NDF: 220.1/6

In: 24.843 $\pm$ 0.606 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.389 $\pm$ 0.393 χ^2 /NDF: 220.1/6

diff_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 680.869+/-0.429 χ^2/NDF : 141.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 692.038+/-0.364 χ^2/NDF : 5581.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

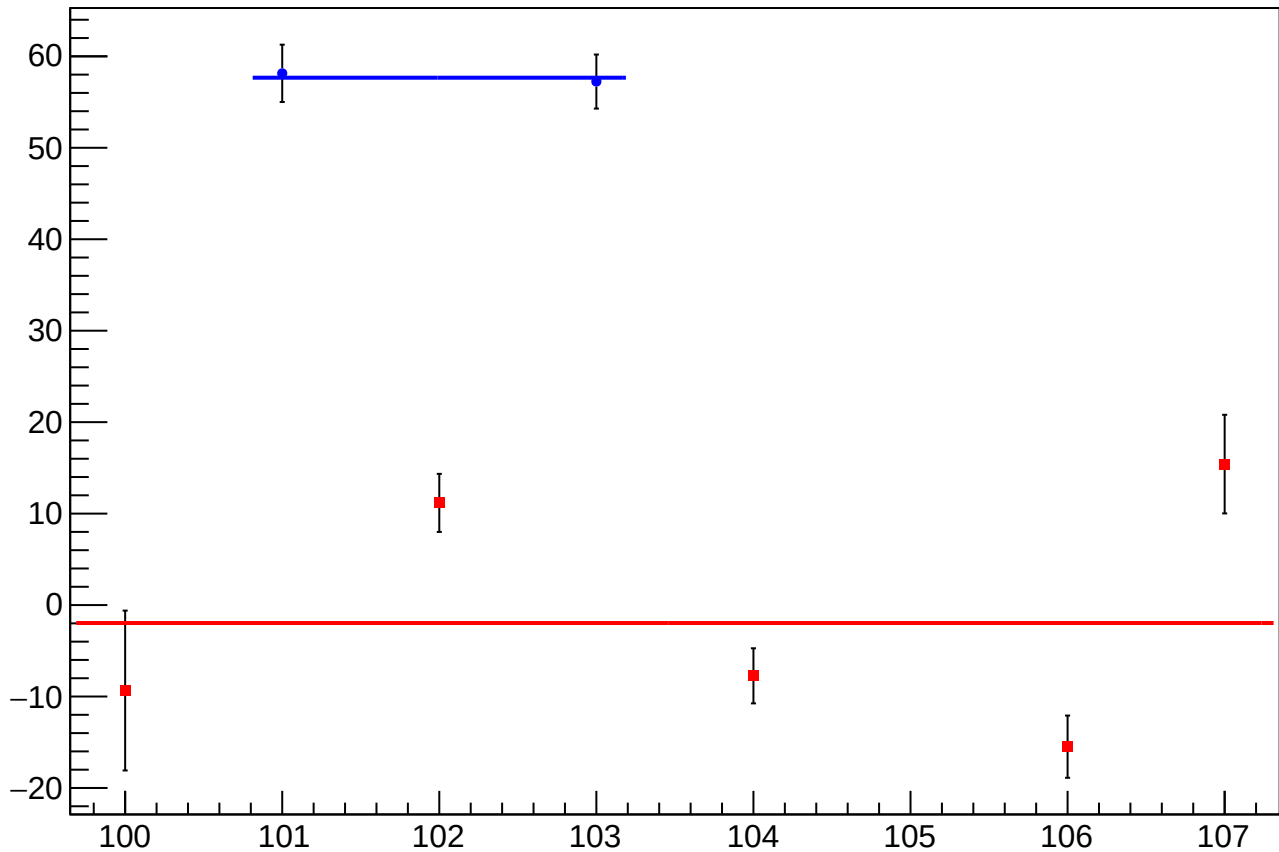
Right: 687.351+/-0.278 χ^2/NDF : 6117.5/6

In: 680.869+/-0.429 χ^2/NDF : 141.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 687.351+/-0.278 χ^2/NDF : 6117.5/6

diff_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 57.664 $\pm$ 2.150 χ^2 /NDF: 0.0/1

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

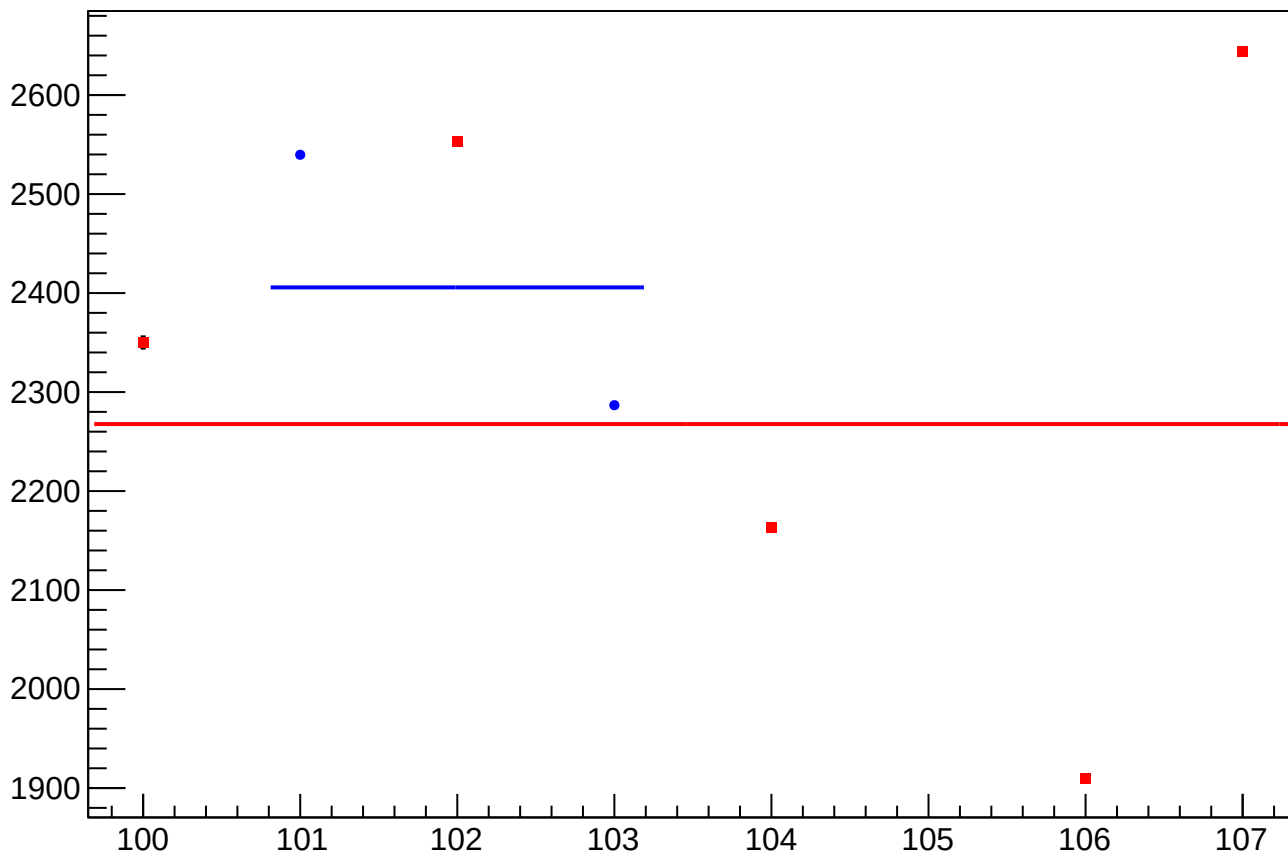
Right: 21.078 $\pm$ 1.337 χ^2 /NDF: 519.4/6

In: 57.664 $\pm$ 2.150 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.078 $\pm$ 1.337 χ^2 /NDF: 519.4/6

diff_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 2405.730+/-1.521 χ^2/NDF : 6893.0/1

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

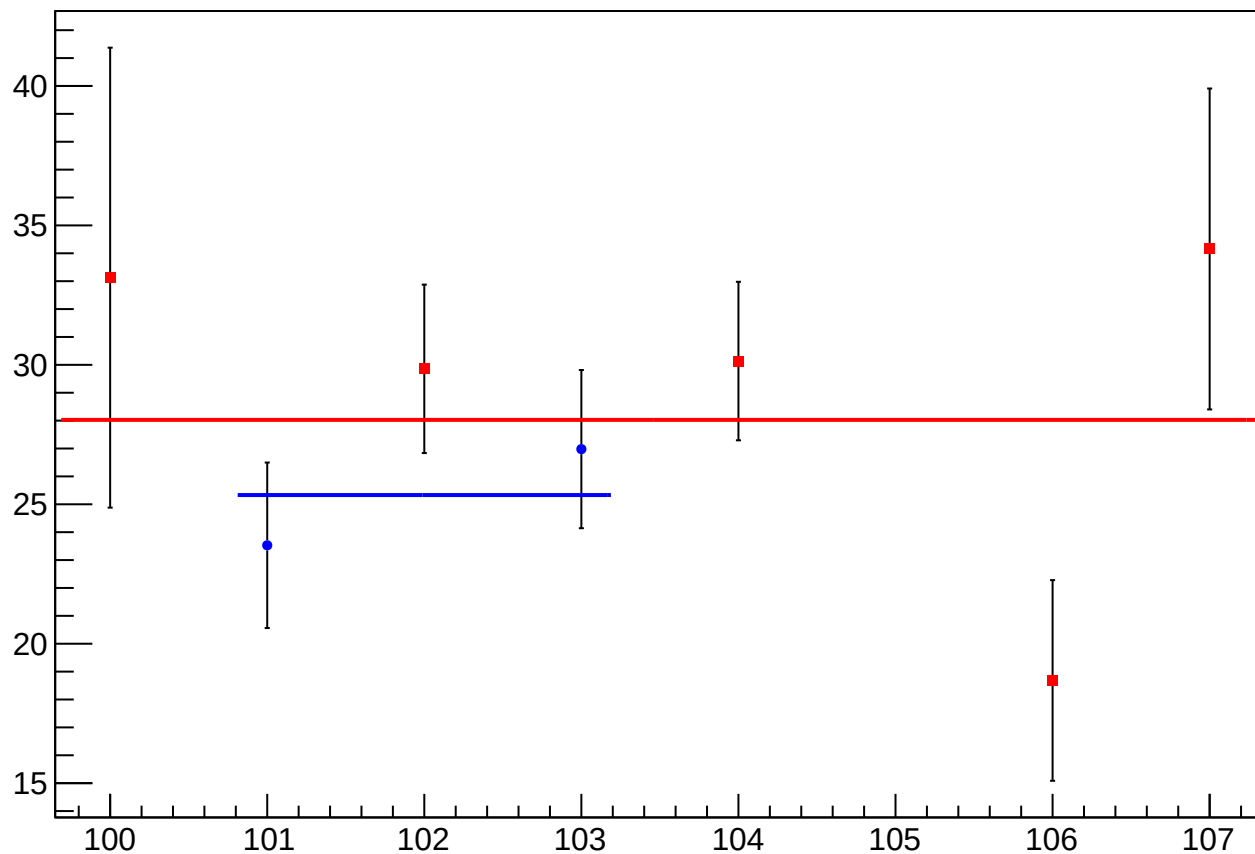
Right: 2321.025+/-0.945 χ^2/NDF : 62631.6/6

In: 2405.730+/-1.521 χ^2/NDF : 6893.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2321.025+/-0.945 χ^2/NDF : 62631.6/6

diff_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: 25.332 $\pm$ 2.050 χ^2 /NDF: 0.7/1

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

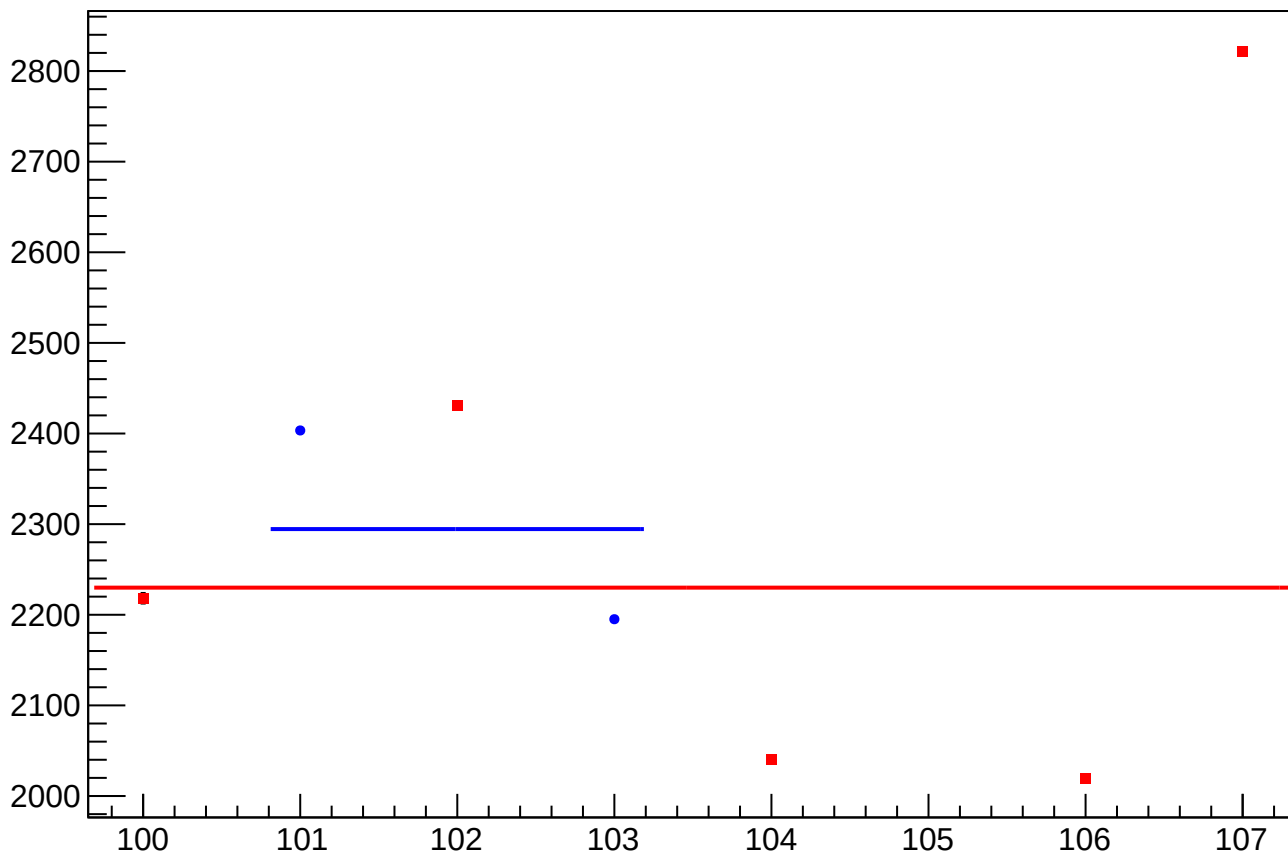
Right: 26.946 $\pm$ 1.298 χ^2 /NDF: 10.9/6

In: 25.332 $\pm$ 2.050 χ^2 /NDF: 0.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 26.946 $\pm$ 1.298 χ^2 /NDF: 10.9/6

diff_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 2294.557+/-1.450 χ^2/NDF : 5149.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2229.939+/-1.186 χ^2/NDF : 45675.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

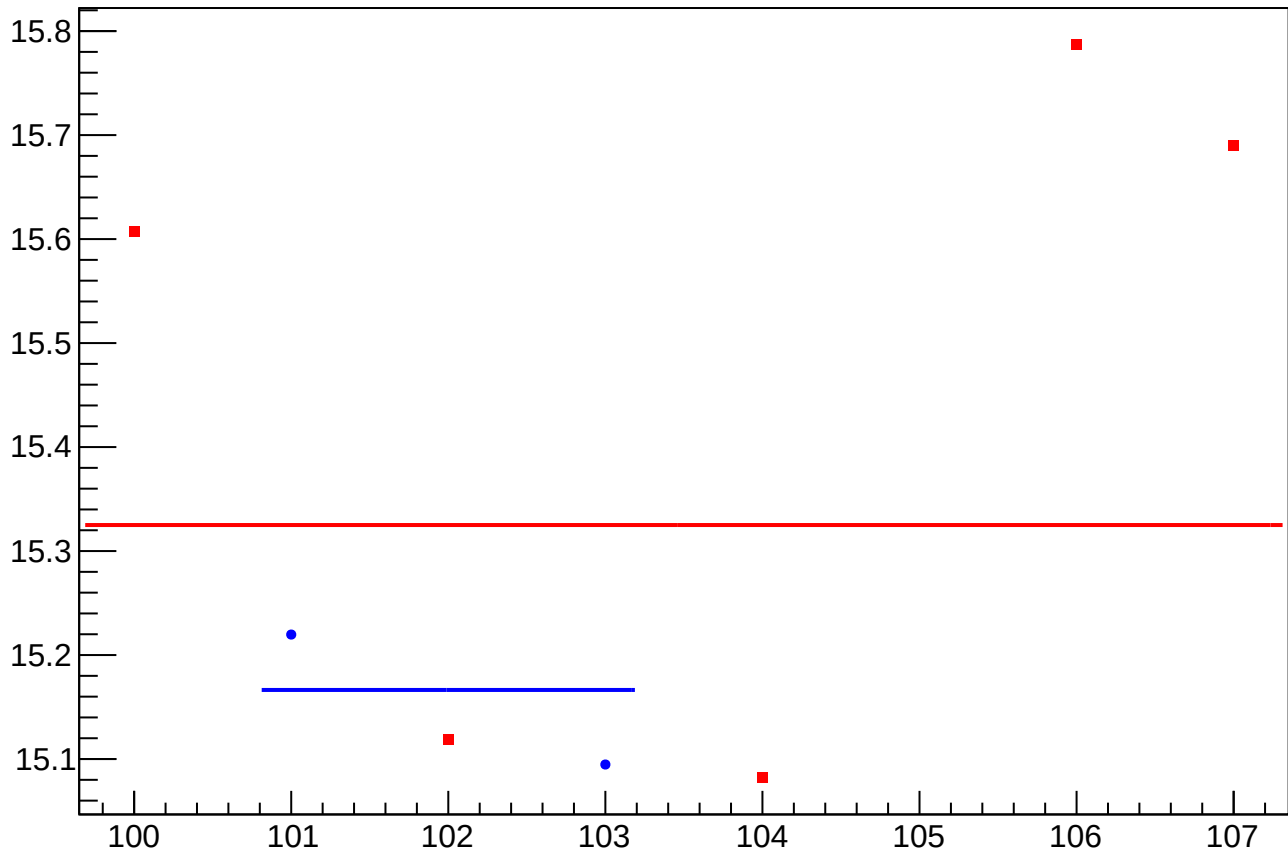
Right: 2255.841+/-0.918 χ^2/NDF : 52014.8/6

In: 2294.557+/-1.450 χ^2/NDF : 5149.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2255.841+/-0.918 χ^2/NDF : 52014.8/6

yield_sam1_mean vs Slug, Sign Corrected



Right In: 15.166+/-0.000 χ^2/NDF : 9339226.3/1

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

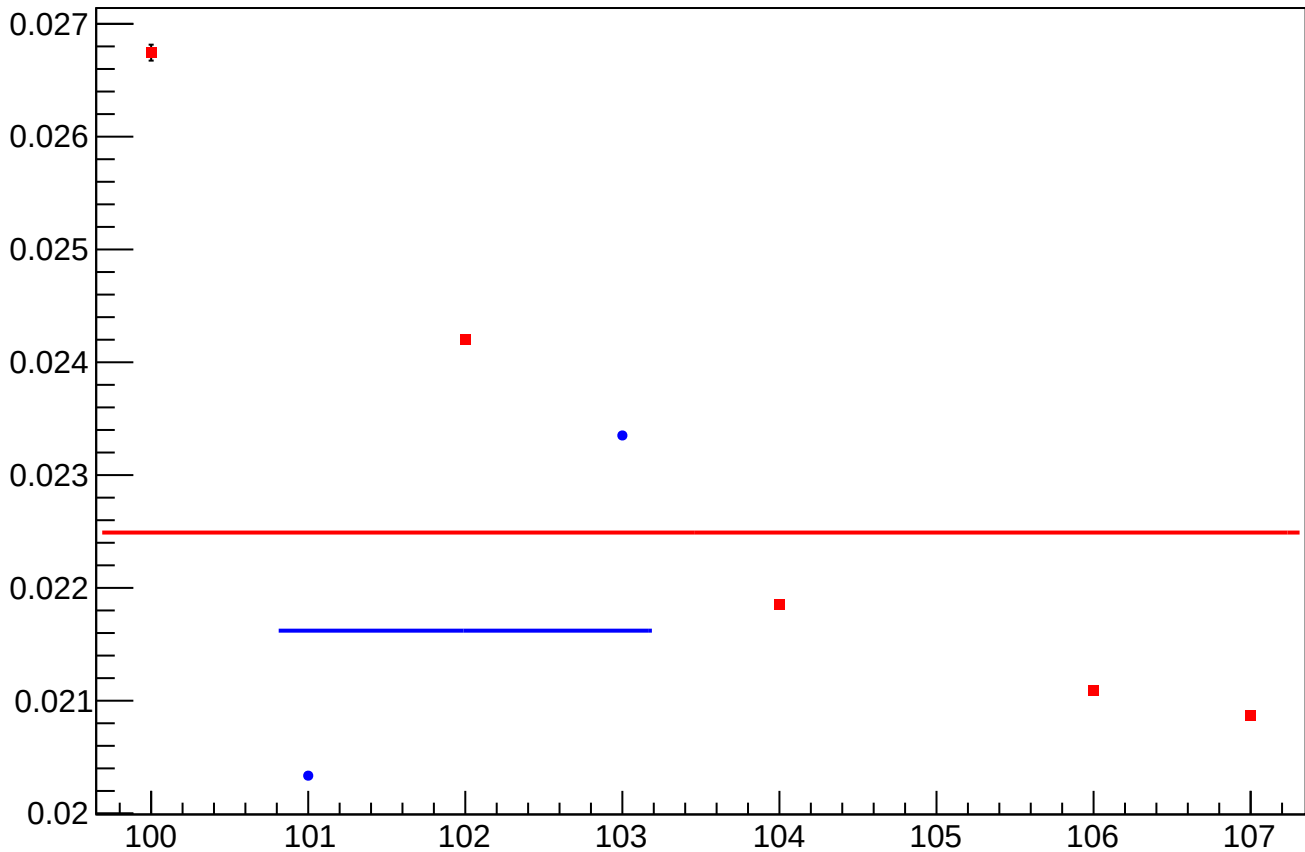
Right: 15.256+/-0.000 χ^2/NDF : 337374644.9/6

In: 15.166+/-0.000 χ^2/NDF : 9339226.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.256+/-0.000 χ^2/NDF : 337374644.9/6

yield_sam1_rms vs Slug, Sign Corrected



Right In: 0.022+/-0.000 χ^2/NDF : 10879.3/1

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

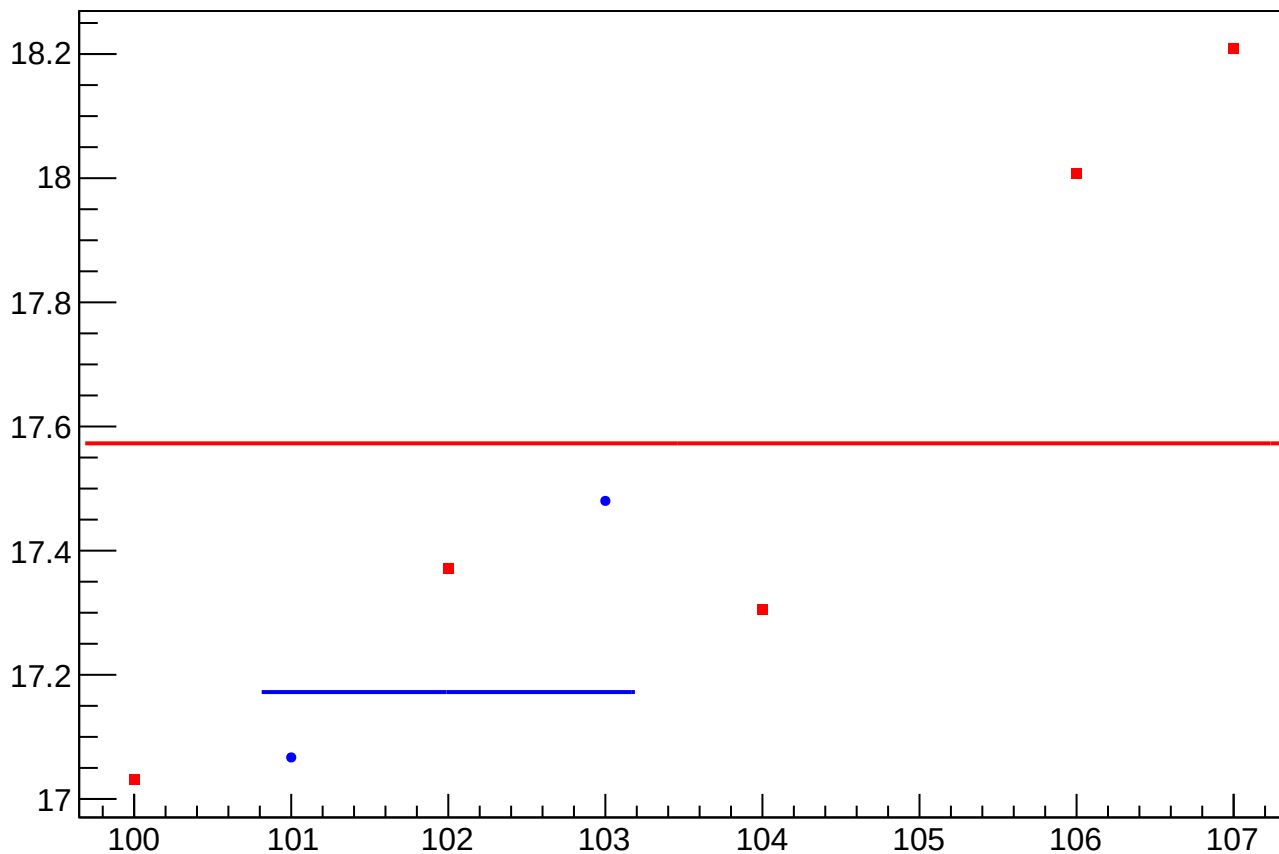
Right: 0.022+/-0.000 χ^2/NDF : 28166.6/6

In: 0.022+/-0.000 χ^2/NDF : 10879.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.000 χ^2/NDF : 28166.6/6

yield_sam2_mean vs Slug, Sign Corrected



Right In: 17.172+/-0.000 χ^2/NDF : 579934.0/1

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

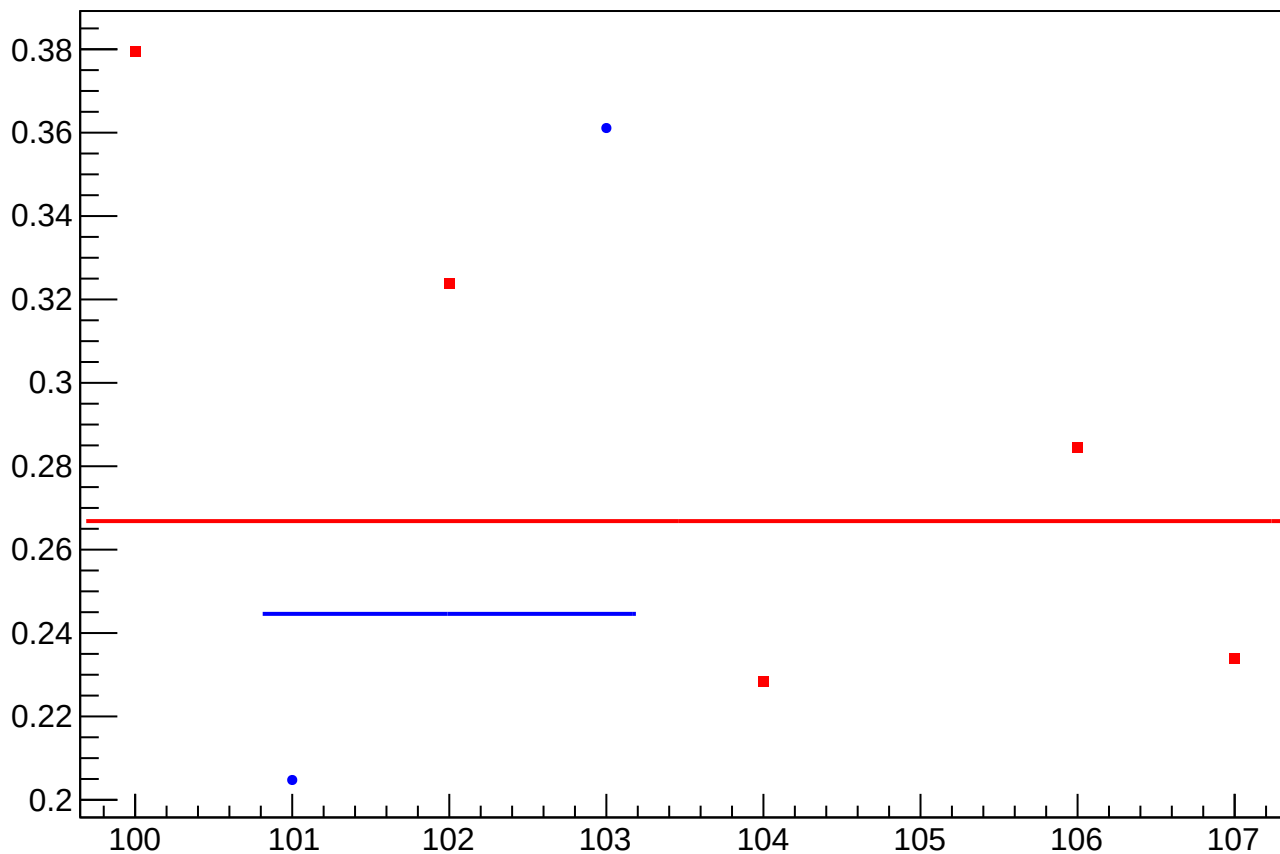
Right: 17.387+/-0.000 χ^2/NDF : 5074368.2/6

In: 17.172+/-0.000 χ^2/NDF : 579934.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.387+/-0.000 χ^2/NDF : 5074368.2/6

yield_sam2_rms vs Slug, Sign Corrected



Right In: 0.245+/-0.000 χ^2/NDF : 166029.4/1

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

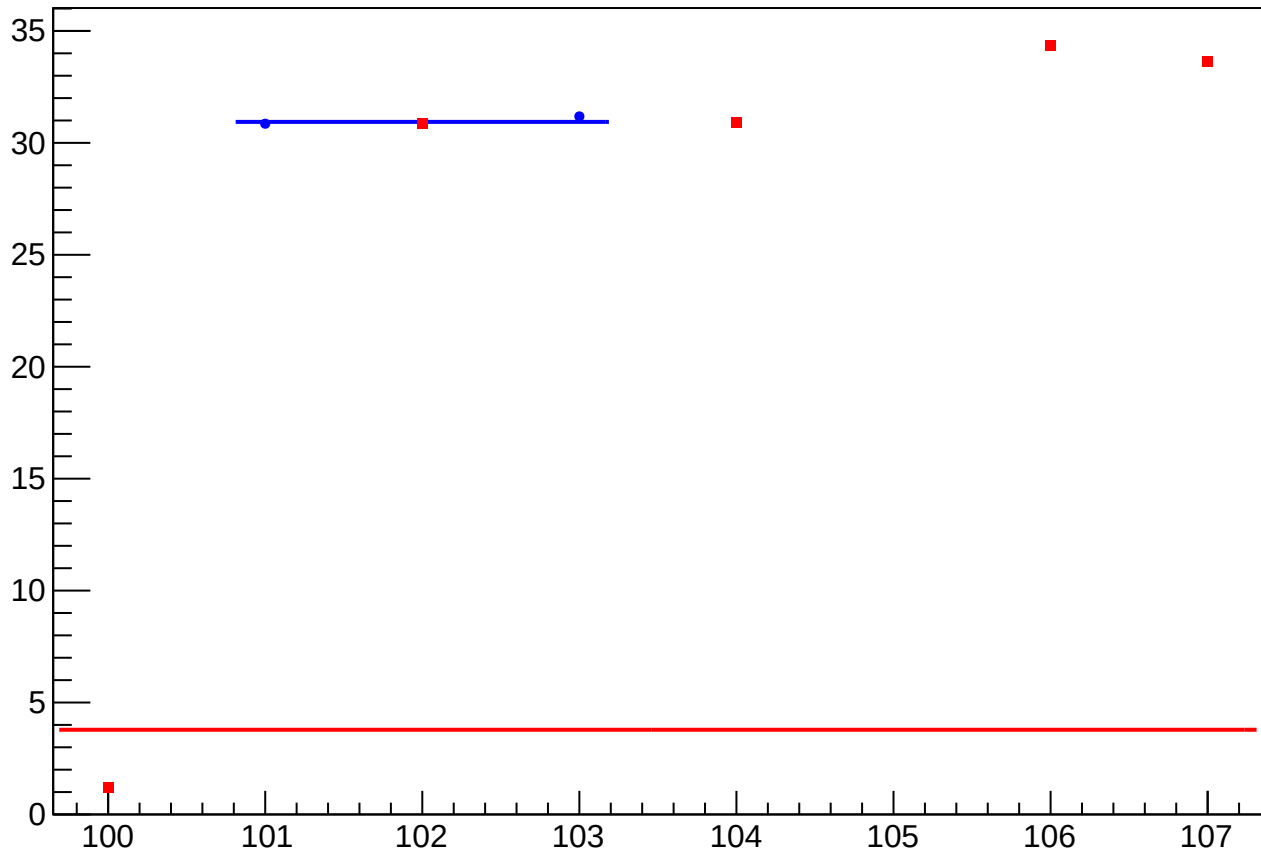
Right: 0.257+/-0.000 χ^2/NDF : 257766.3/6

In: 0.245+/-0.000 χ^2/NDF : 166029.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.257+/-0.000 χ^2/NDF : 257766.3/6

yield_sam3_mean vs Slug, Sign Corrected



Right In: 30.937+/-0.000 χ^2/NDF : 507211.8/1

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

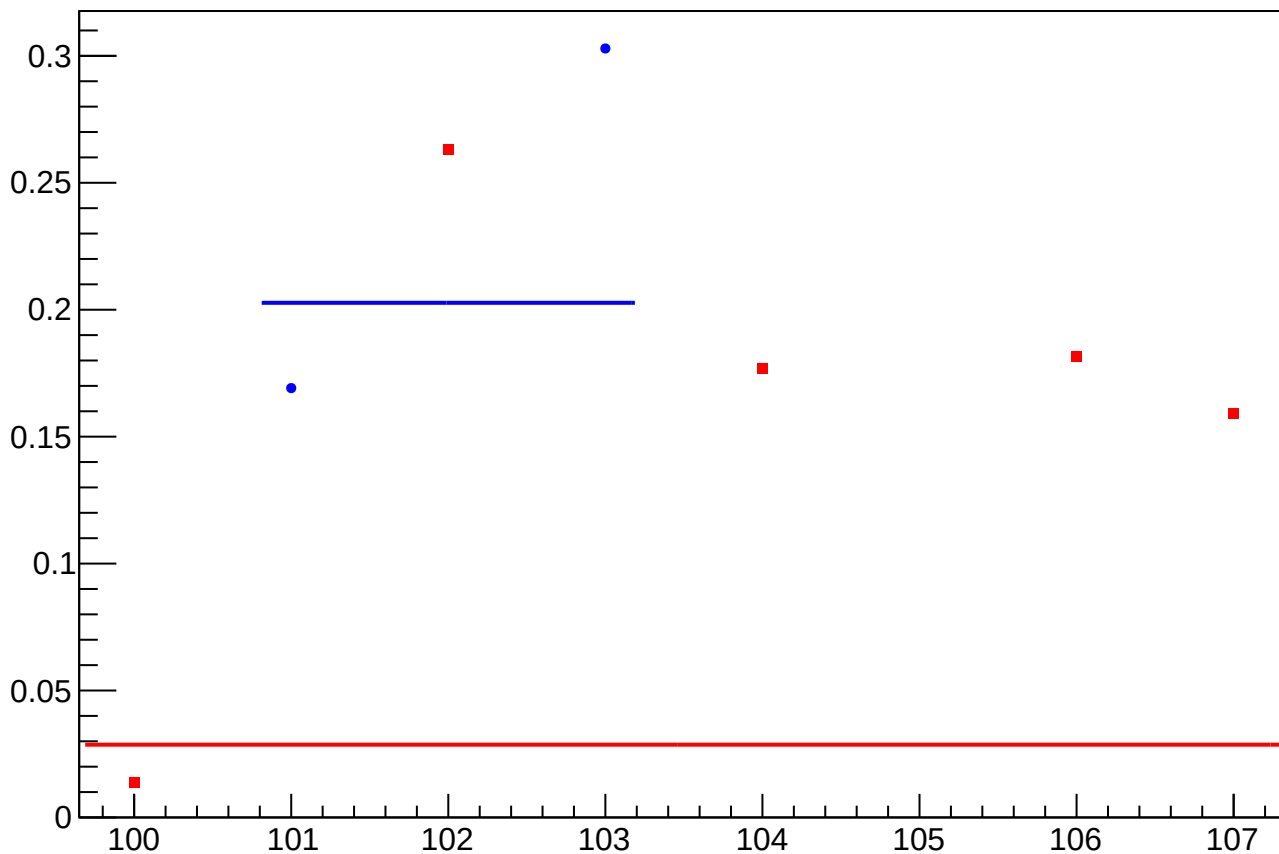
Right: 5.306+/-0.000 χ^2/NDF : 48992262291.9/6

In: 30.937+/-0.000 χ^2/NDF : 507211.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.306+/-0.000 χ^2/NDF : 48992262291.9/6

yield_sam3_rms vs Slug, Sign Corrected



Right In: 0.203+/-0.000 χ^2/NDF : 170265.1/1

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

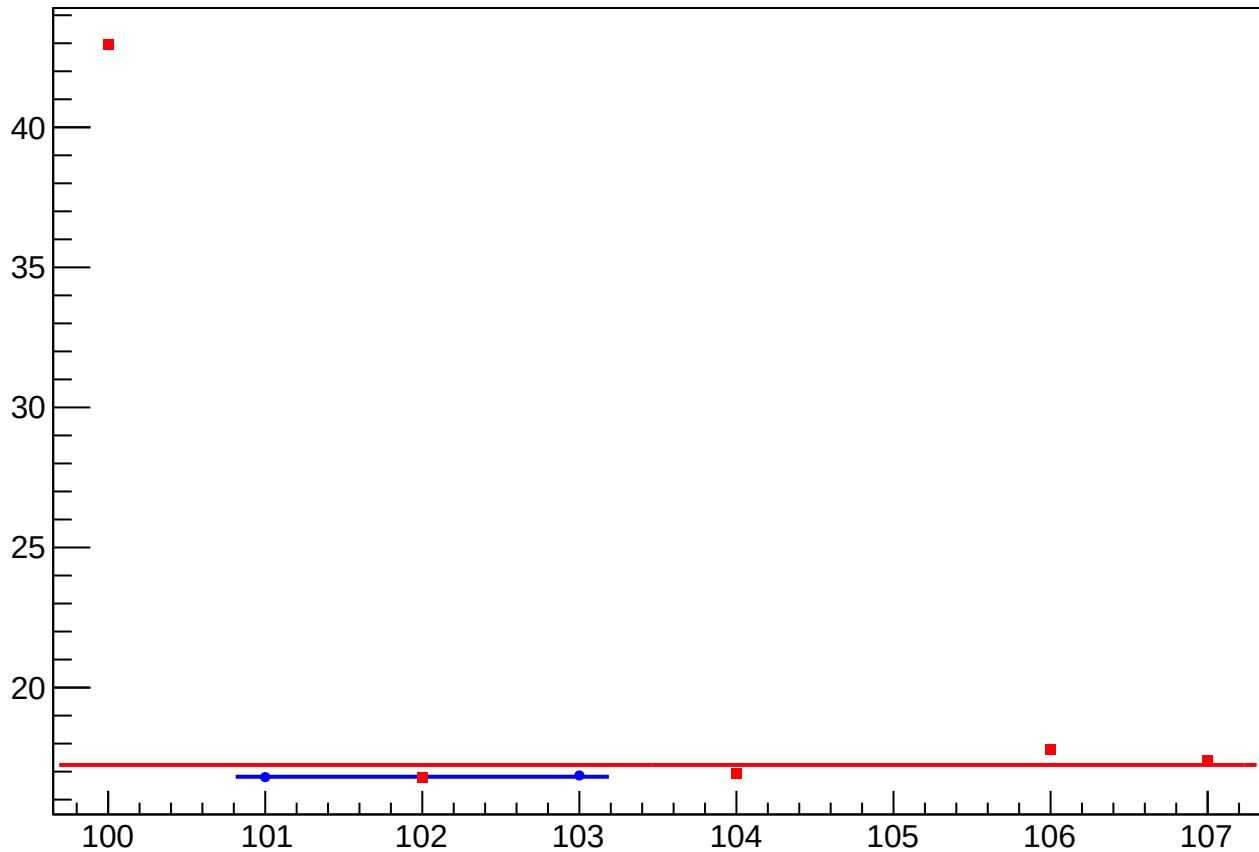
Right: 0.038+/-0.000 χ^2/NDF : 3837257.5/6

In: 0.203+/-0.000 χ^2/NDF : 170265.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.038+/-0.000 χ^2/NDF : 3837257.5/6

yield_sam4_mean vs Slug, Sign Corrected



Right In: 16.817+/-0.000 χ^2/NDF : 51173.2/1

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

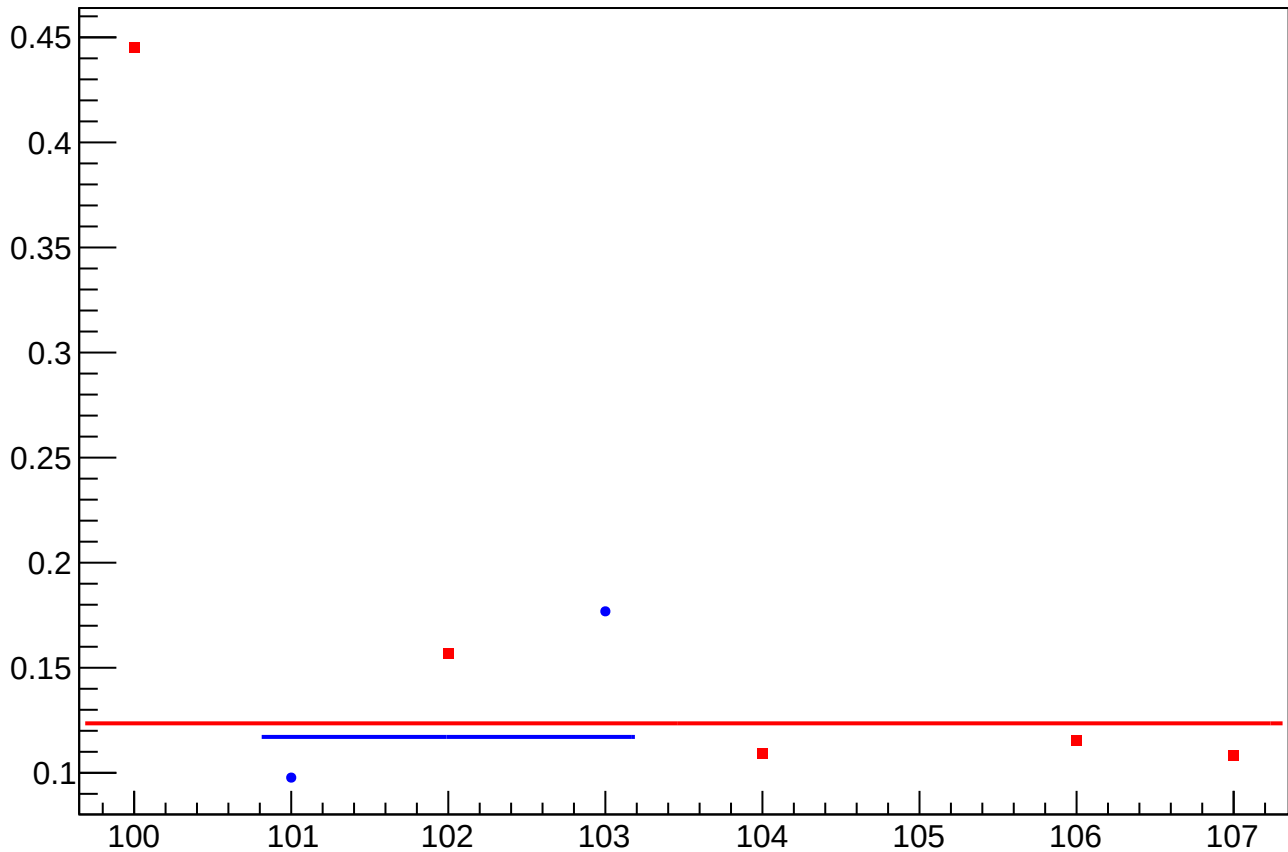
Right: 17.048+/-0.000 χ^2/NDF : 261827745.9/6

In: 16.817+/-0.000 χ^2/NDF : 51173.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.048+/-0.000 χ^2/NDF : 261827745.9/6

yield_sam4_rms vs Slug, Sign Corrected



Right In: 0.117+/-0.000 χ^2/NDF : 177348.9/1

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

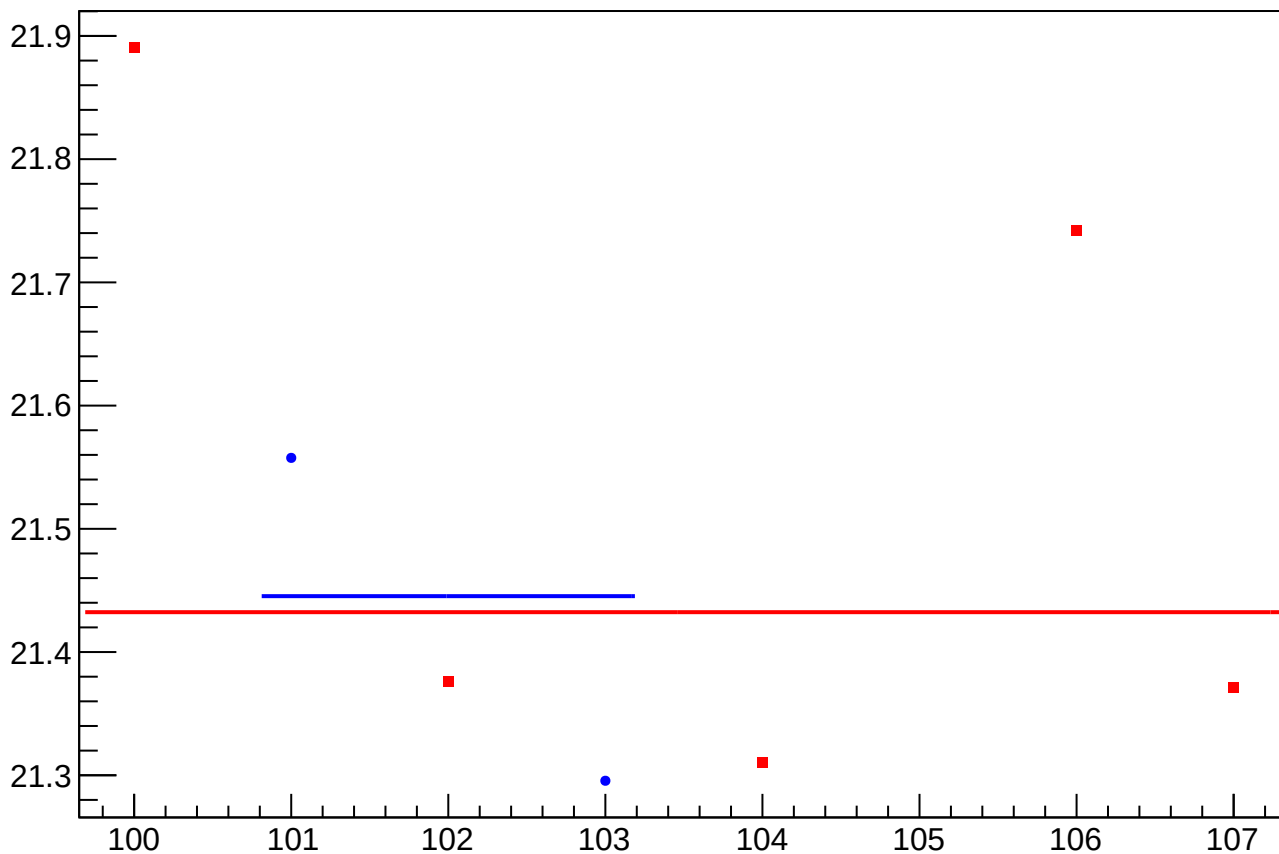
Right: 0.121+/-0.000 χ^2/NDF : 332333.8/6

In: 0.117+/-0.000 χ^2/NDF : 177348.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.121+/-0.000 χ^2/NDF : 332333.8/6

yield_sam5_mean vs Slug, Sign Corrected



Right In: 21.445+/-0.000 χ^2/NDF : 33529749.4/1

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

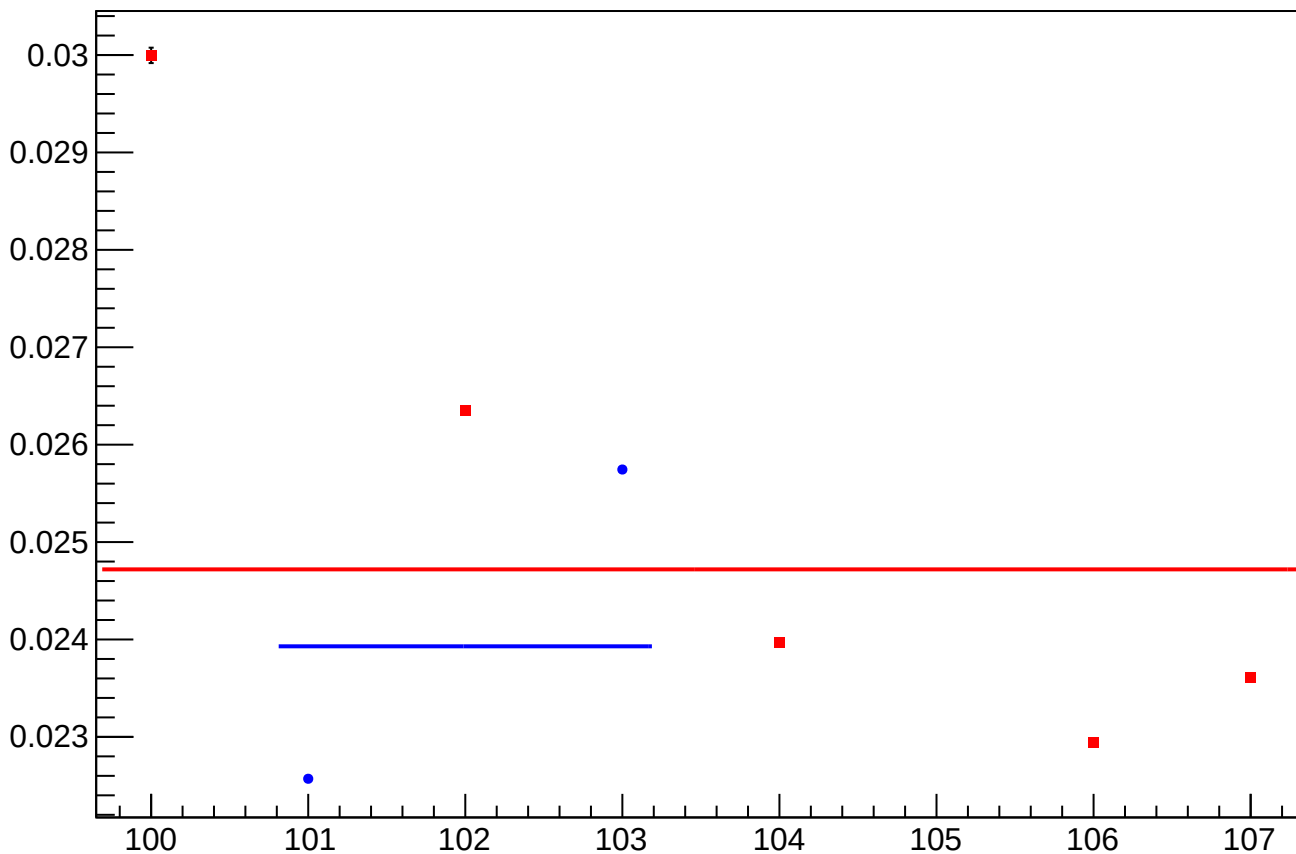
Right: 21.438+/-0.000 χ^2/NDF : 109940068.2/6

In: 21.445+/-0.000 χ^2/NDF : 33529749.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.438+/-0.000 χ^2/NDF : 109940068.2/6

yield_sam5_rms vs Slug, Sign Corrected



Right In: 0.024+/-0.000 χ^2/NDF : 9843.4/1

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

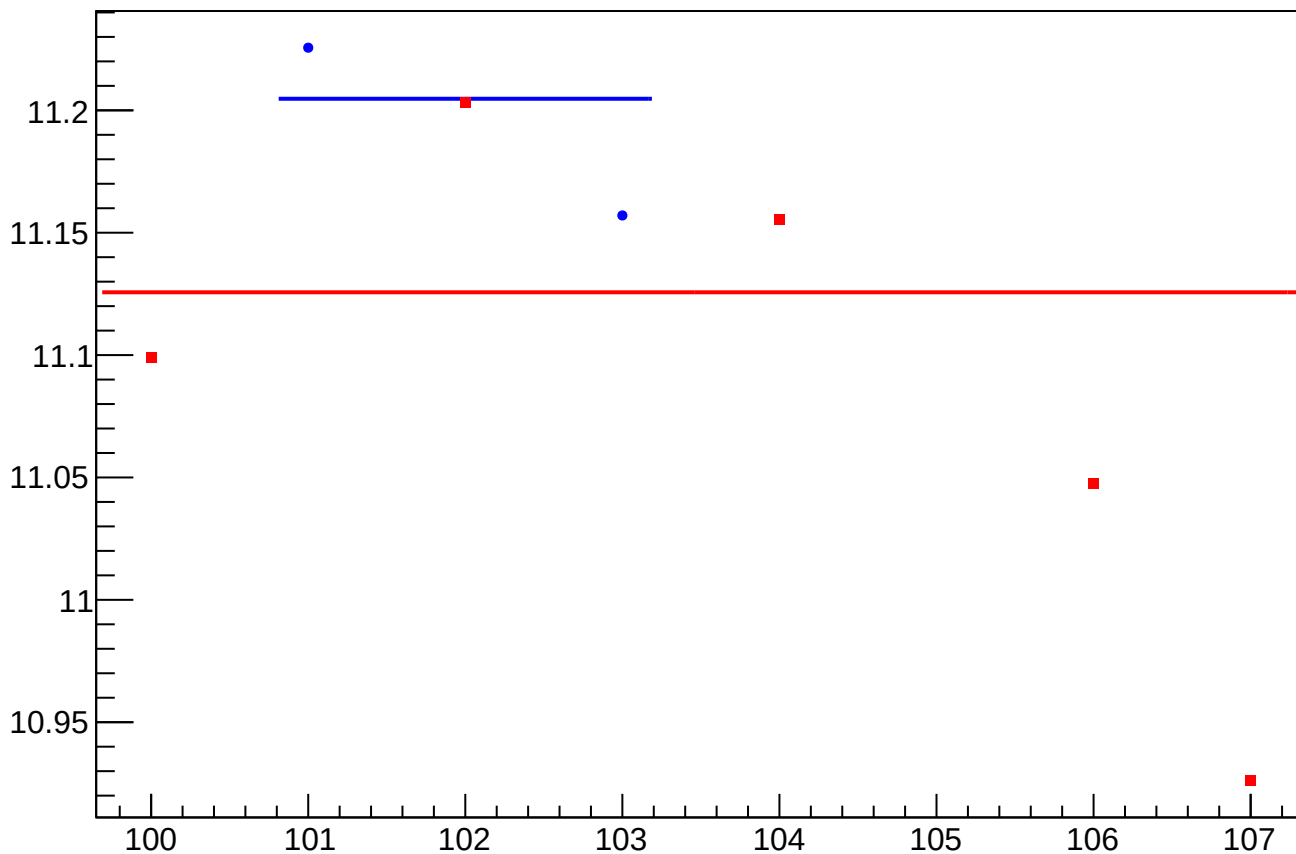
Right: 0.024+/-0.000 χ^2/NDF : 25019.8/6

In: 0.024+/-0.000 χ^2/NDF : 9843.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 25019.8/6

yield_sam6_mean vs Slug, Sign Corrected



Right In: 11.205 $\pm$ 0.000 χ^2 /NDF: 10313115.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.126 $\pm$ 0.000 χ^2 /NDF: 85301124.6/4

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

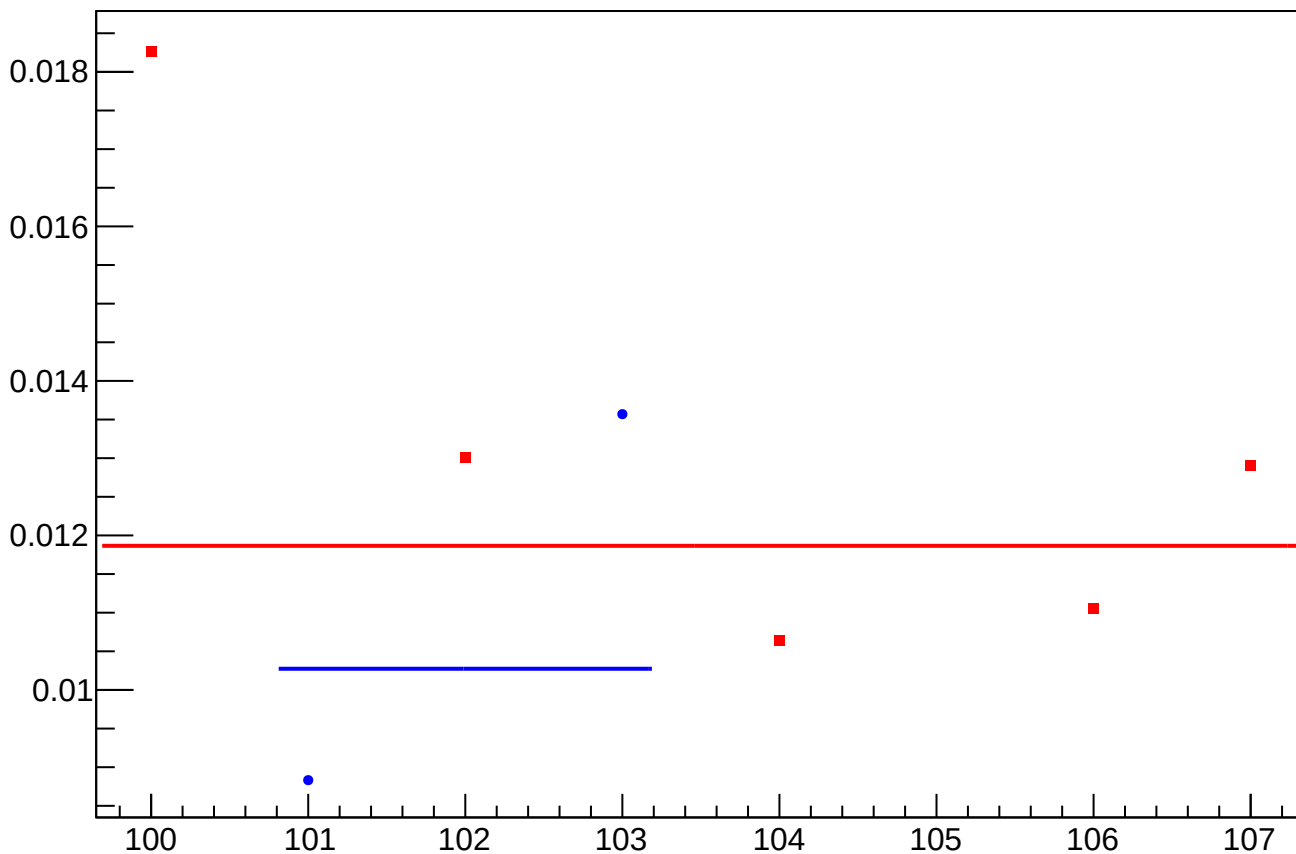
Right: 11.164 $\pm$ 0.000 χ^2 /NDF: 129215714.2/6

In: 11.205 $\pm$ 0.000 χ^2 /NDF:10313115.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 11.164 $\pm$ 0.000 χ^2 /NDF: 129215714.2/6

yield_sam6_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 98540.8/1

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

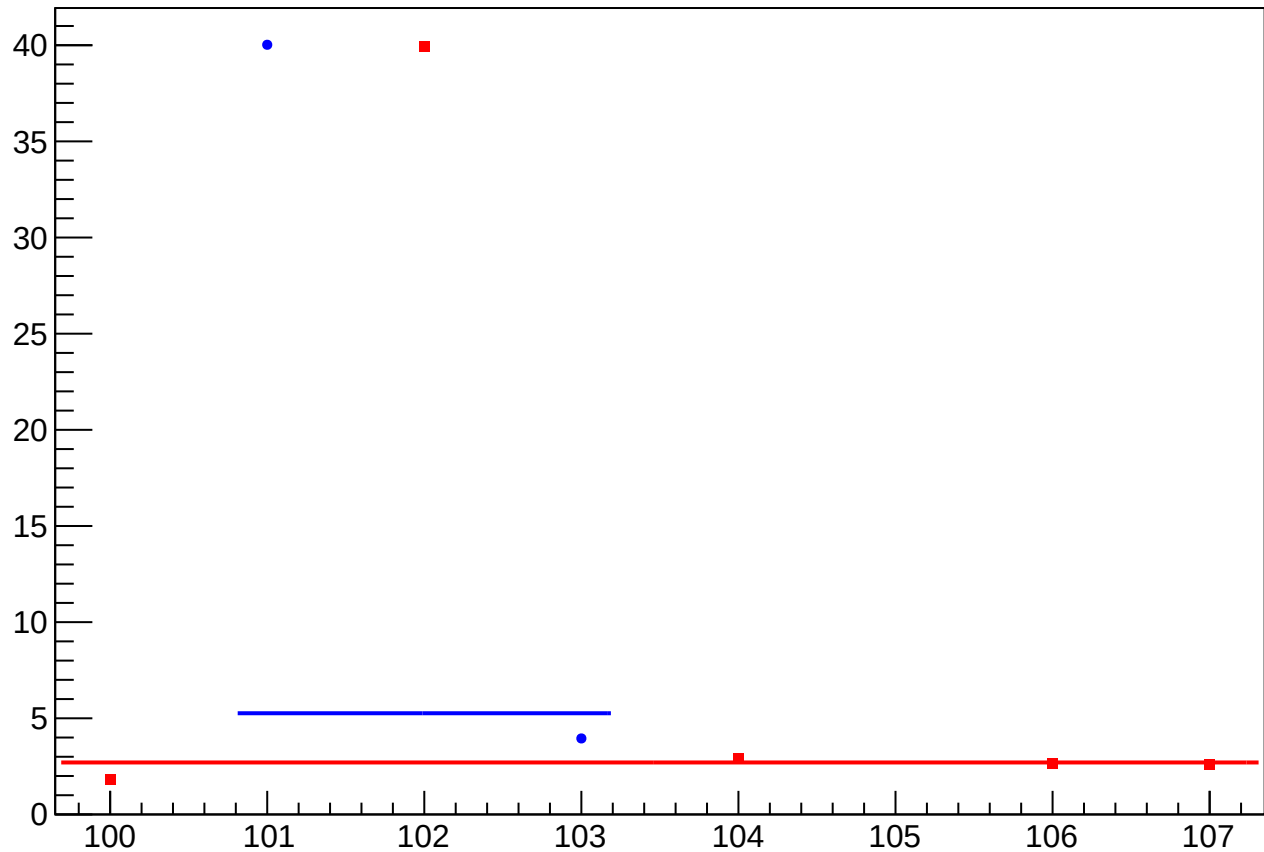
Right: 0.011+/-0.000 χ^2/NDF : 170644.5/6

In: 0.010+/-0.000 χ^2/NDF : 98540.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 170644.5/6

yield_sam7_mean vs Slug, Sign Corrected



Right In: 5.263+/-0.000 χ^2/NDF : 53749460475.5/1

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

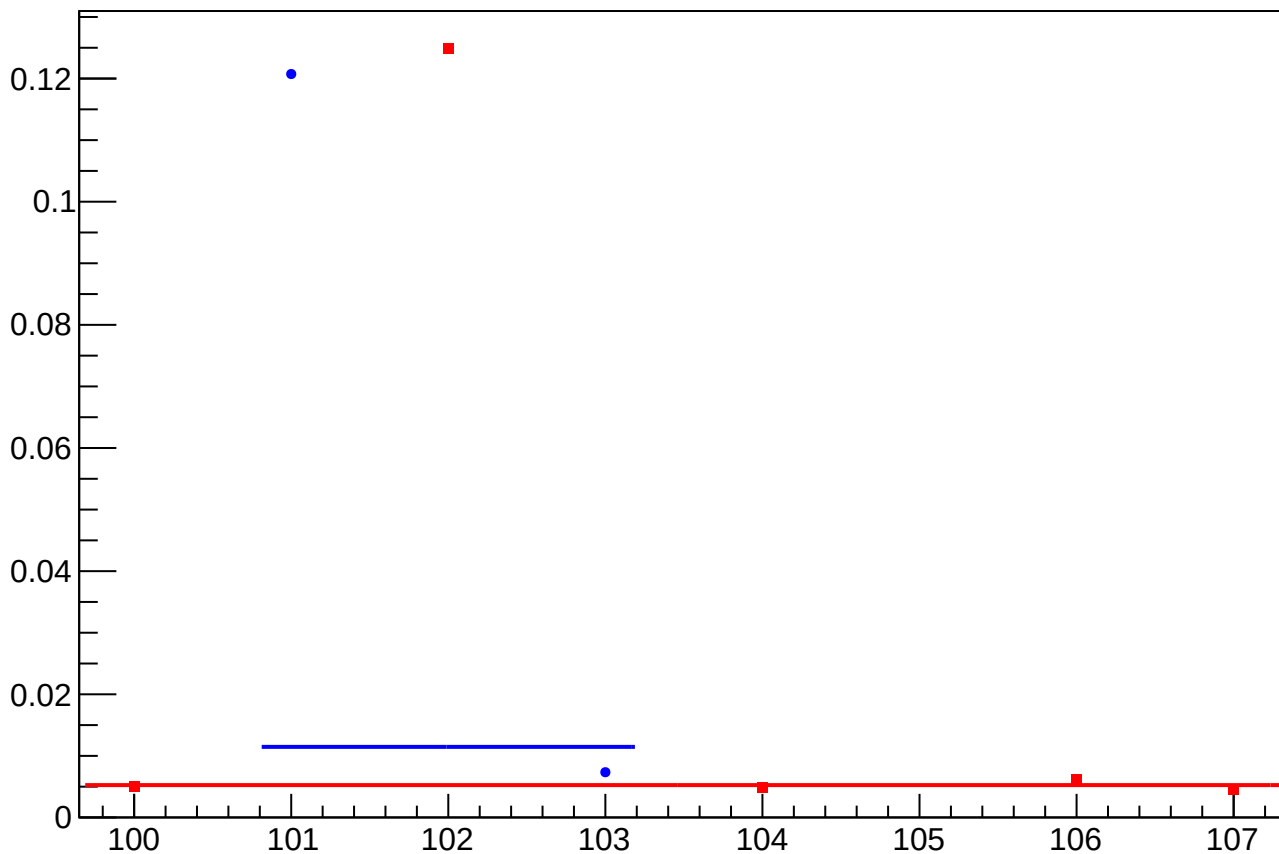
Right: 2.797+/-0.000 χ^2/NDF : 121116026806.8/6

In: 5.263+/-0.000 χ^2/NDF : 53749460475.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.797+/-0.000 χ^2/NDF : 121116026806.8

yield_sam7_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 1062270.7/1

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

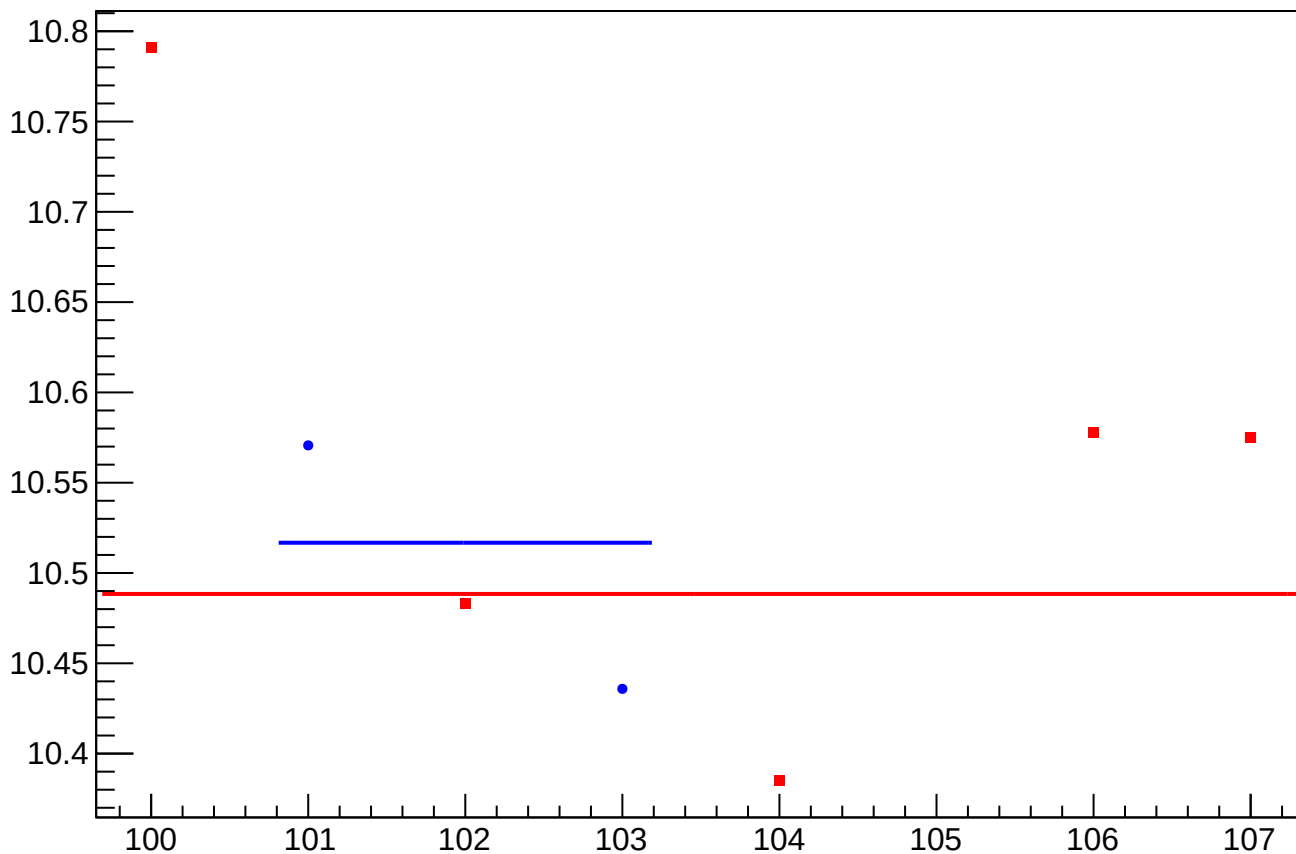
Right: 0.005+/-0.000 χ^2/NDF : 2357027.6/6

In: 0.011+/-0.000 χ^2/NDF : 1062270.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2357027.6/6

yield_sam8_mean vs Slug, Sign Corrected



Right In: 10.517+/-0.000 χ^2/NDF : 40604682.3/1

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

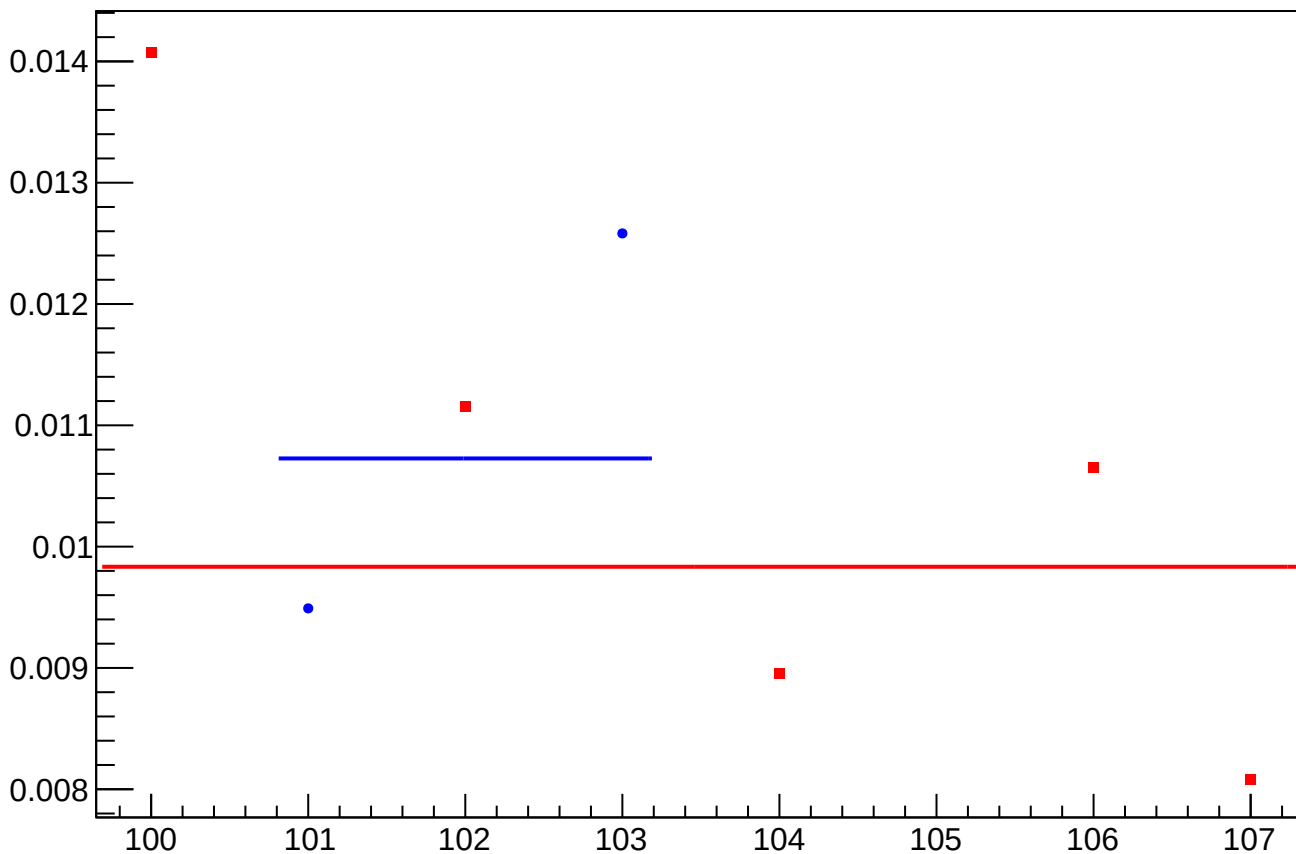
Right: 10.499+/-0.000 χ^2/NDF : 175630182.6/6

In: 10.517+/-0.000 χ^2/NDF : 40604682.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.499+/-0.000 χ^2/NDF : 175630182.6/6

yield_sam8_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 42683.3/1

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

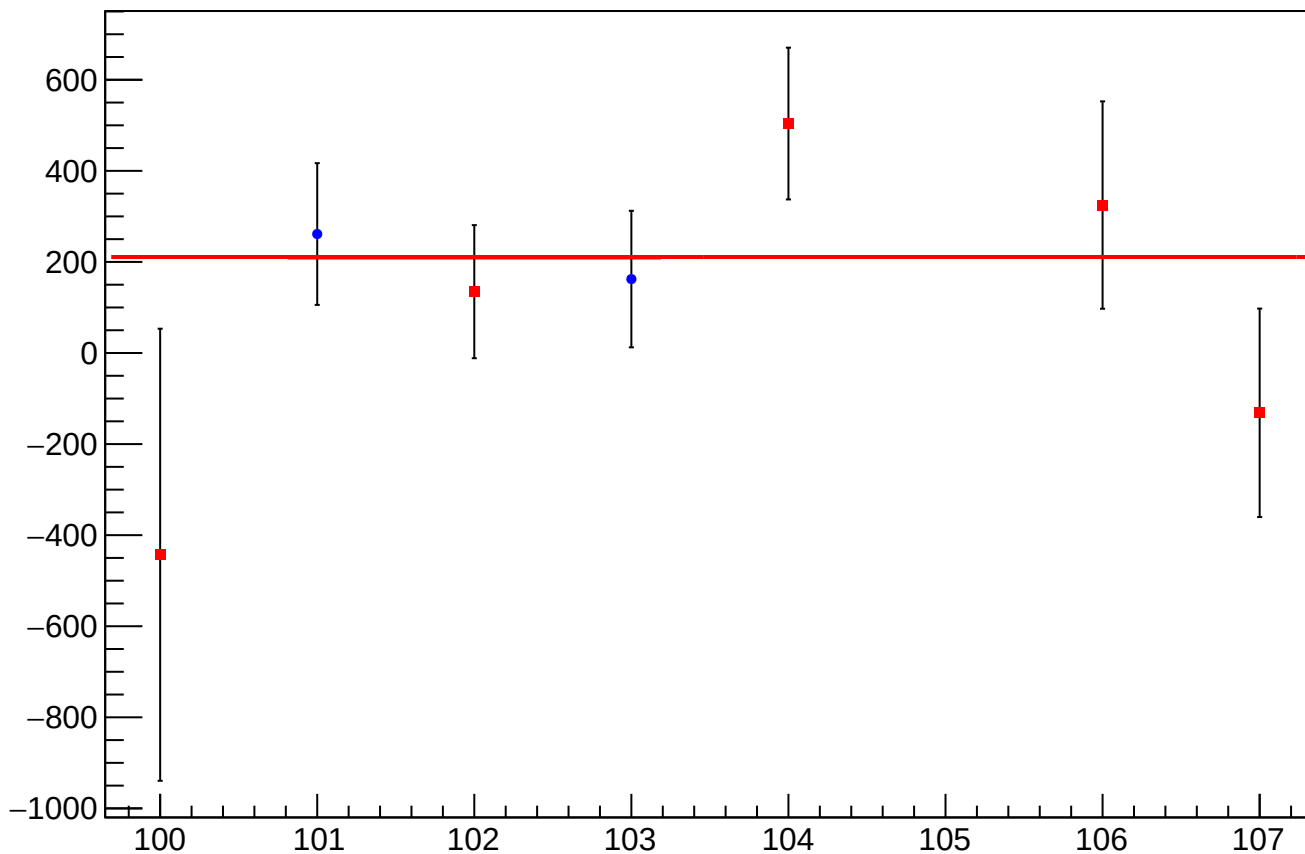
Right: 0.010+/-0.000 χ^2/NDF : 109914.1/6

In: 0.011+/-0.000 χ^2/NDF : 42683.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 109914.1/6

reg_asym_sam1_mean vs Slug, Sign Corrected



Right In: 209.992 $\pm$ 107.974 χ^2 /NDF: 0.2/1

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

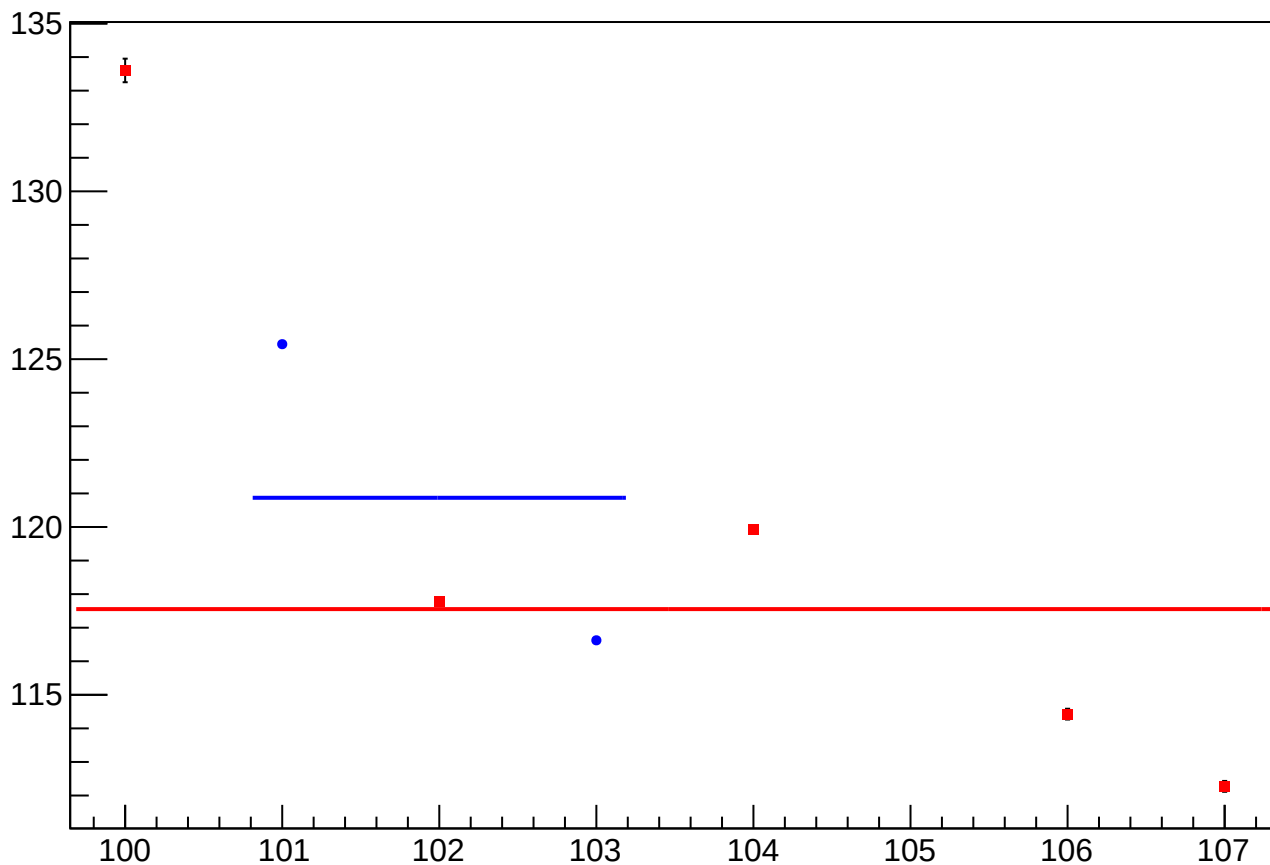
Right: 210.517 $\pm$ 68.833 χ^2 /NDF: 7.8/6

In: 209.992 $\pm$ 107.974 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 210.517 $\pm$ 68.833 χ^2 /NDF: 7.8/6

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 120.871+/-0.076 χ^2/NDF : 3333.6/1

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

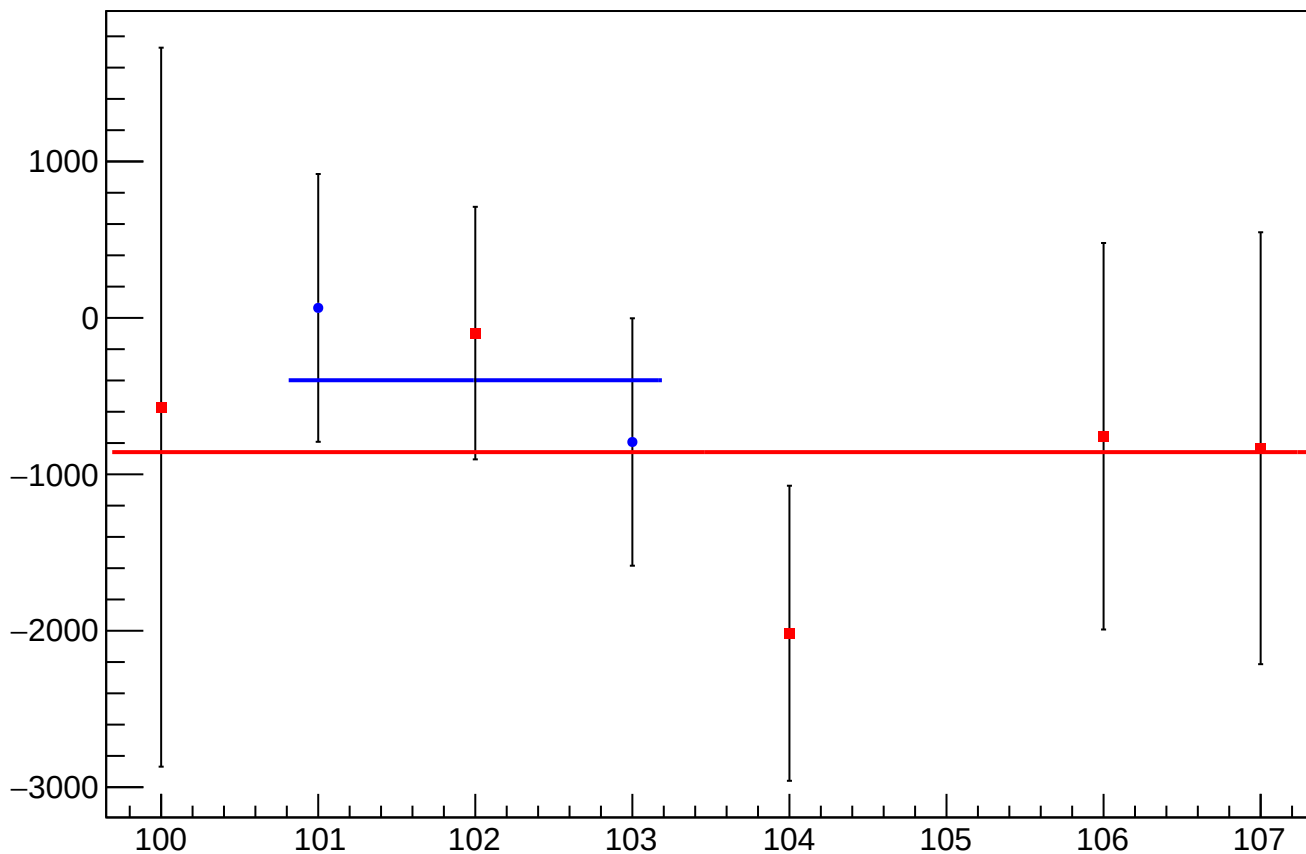
Right: 118.902+/-0.049 χ^2/NDF : 8397.3/6

In: 120.871+/-0.076 χ^2/NDF : 3333.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.902+/-0.049 χ^2/NDF : 8397.3/6

asym_sam1_reg_correction_mean vs Slug, Sign Corrected



Right In: -398.530+/-580.871 χ^2/NDF : 0.5/1

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

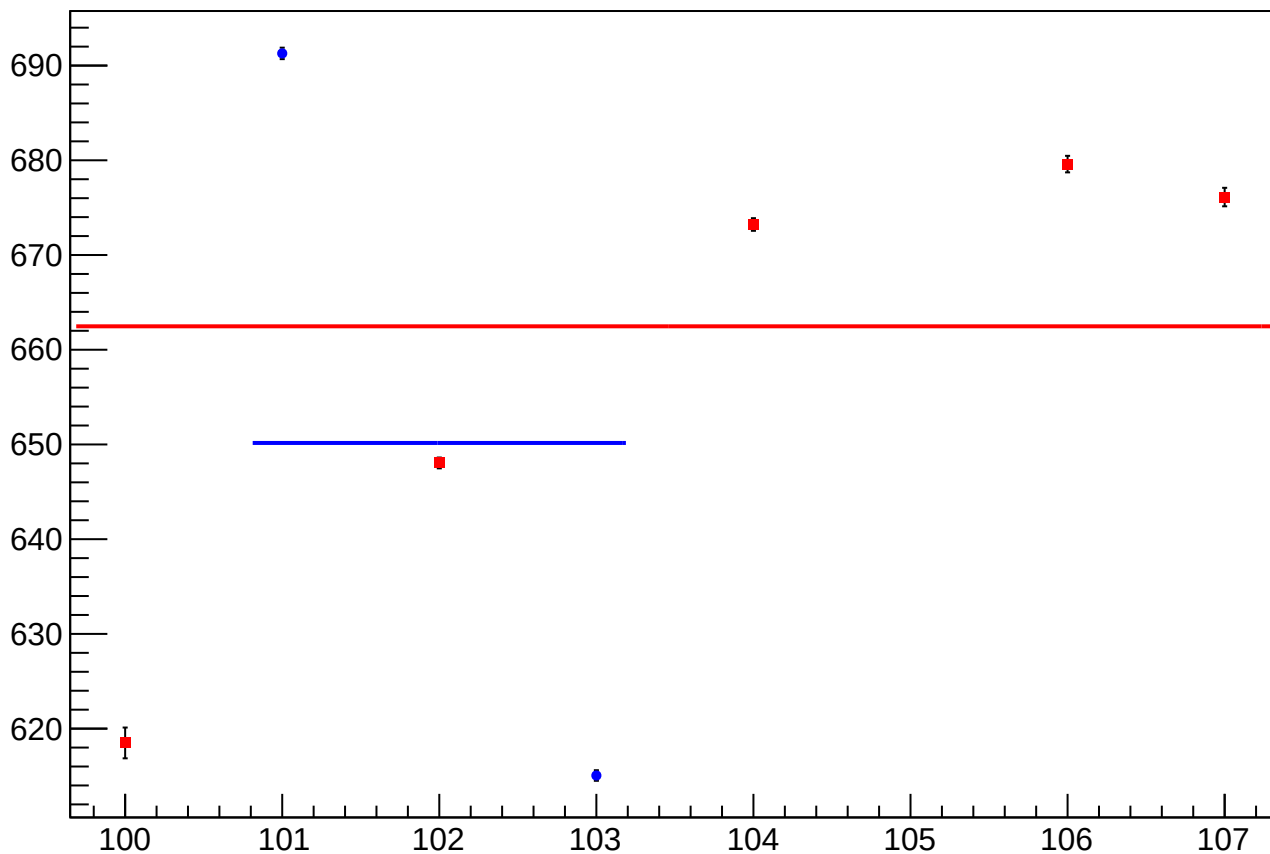
Right: -663.250+/-378.184 χ^2/NDF : 3.3/6

In: -398.530+/-580.871 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -663.250+/-378.184 χ^2/NDF : 3.3/6

asym_sam1_reg_correction_rms vs Slug, Sign Corrected



Right In: 650.159 ± 0.411 $\chi^2/\text{NDF}: 8558.1/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 662.473 ± 0.352 $\chi^2/\text{NDF}: 2210.7/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

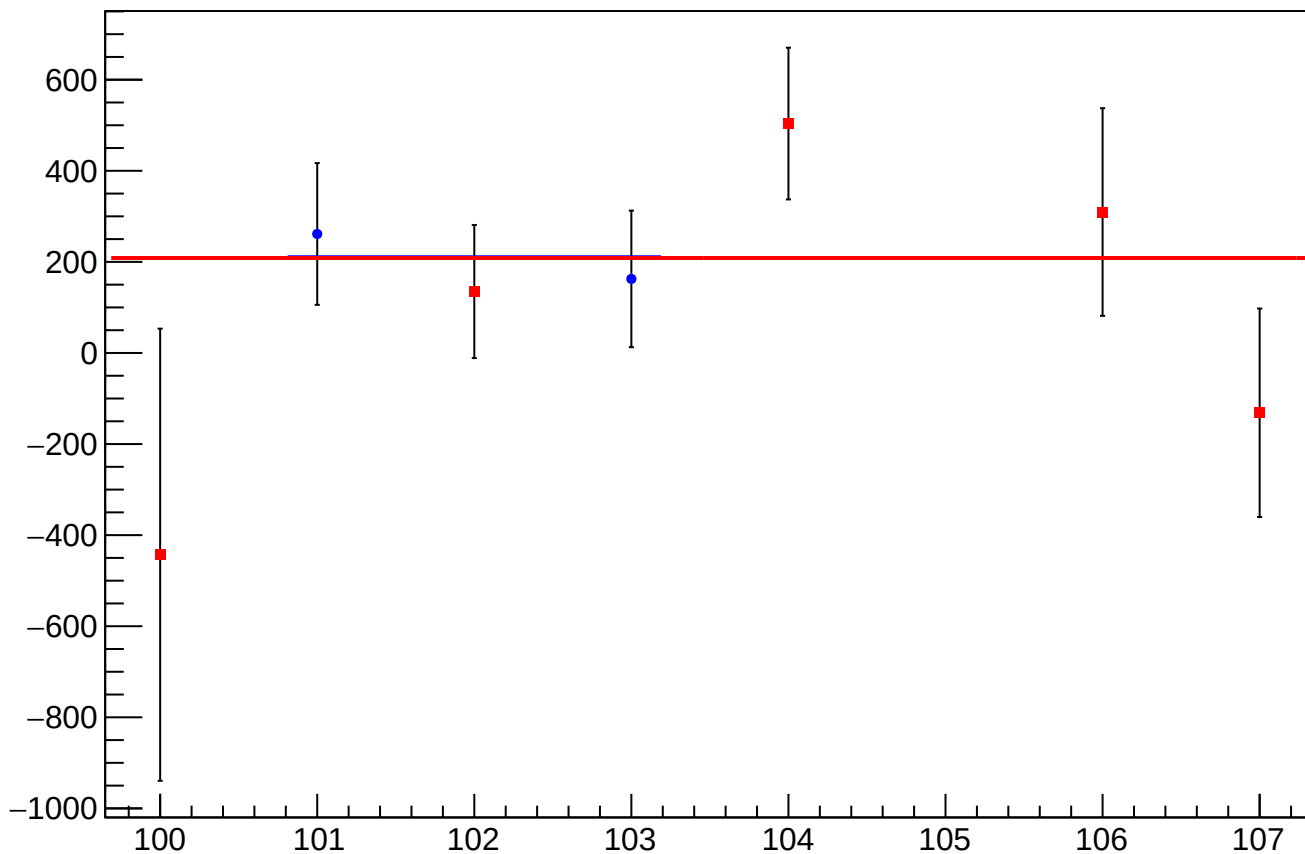
Right: 657.253 ± 0.267 $\chi^2/\text{NDF}: 11286.6/6$

In: 650.159 ± 0.411 $\chi^2/\text{NDF}: 8558.1/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 657.253 ± 0.267 $\chi^2/\text{NDF}: 11286.6/6$

cor_asym_sam1_mean vs Slug, Sign Corrected



Right In: 210.121+/-107.974 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 208.504+/-89.362 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

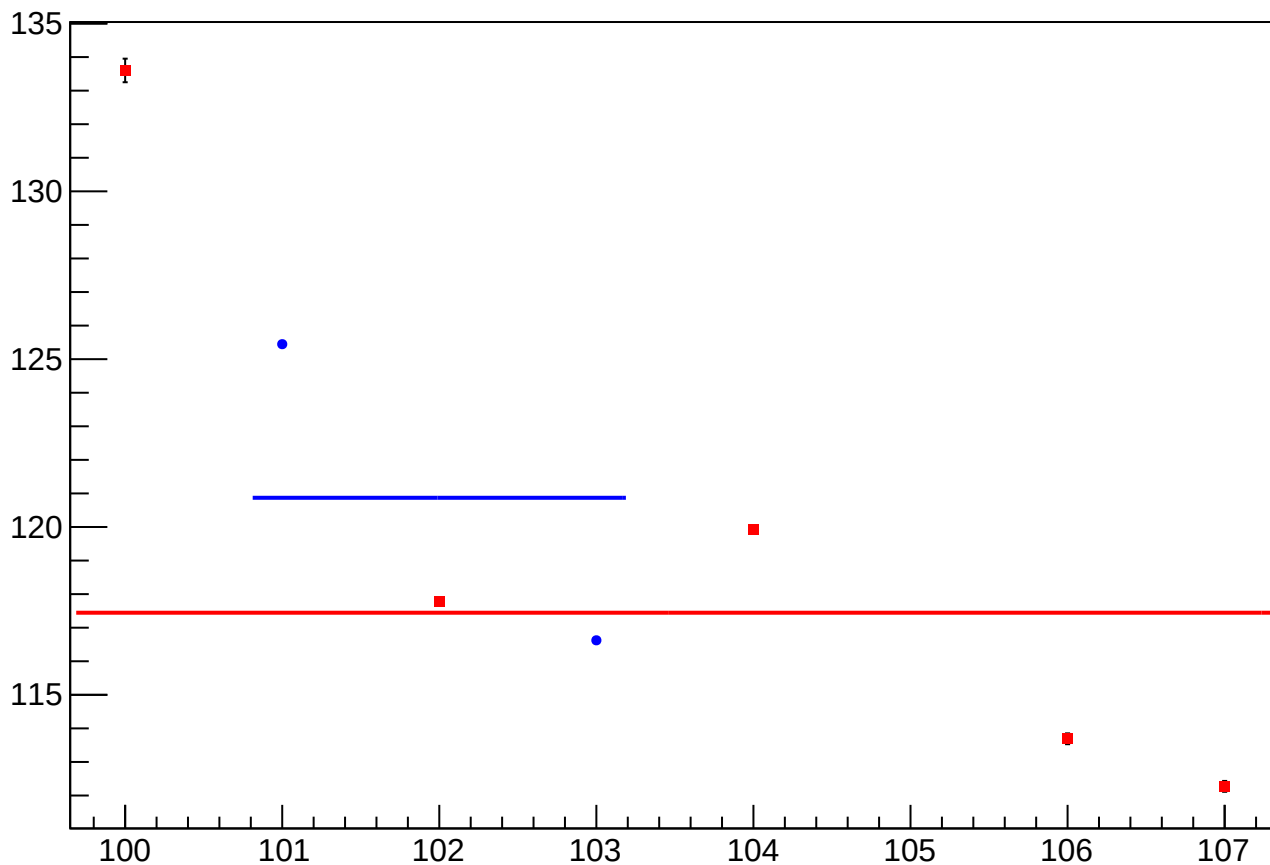
Right: 209.161+/-68.843 χ^2/NDF : 7.7/6

In: 210.121+/-107.974 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 209.161+/-68.843 χ^2/NDF : 7.7/6

cor_asym_sam1_rms vs Slug, Sign Corrected



Right In: 120.871+/-0.076 χ^2/NDF : 3333.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 117.446+/-0.063 χ^2/NDF : 4137.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

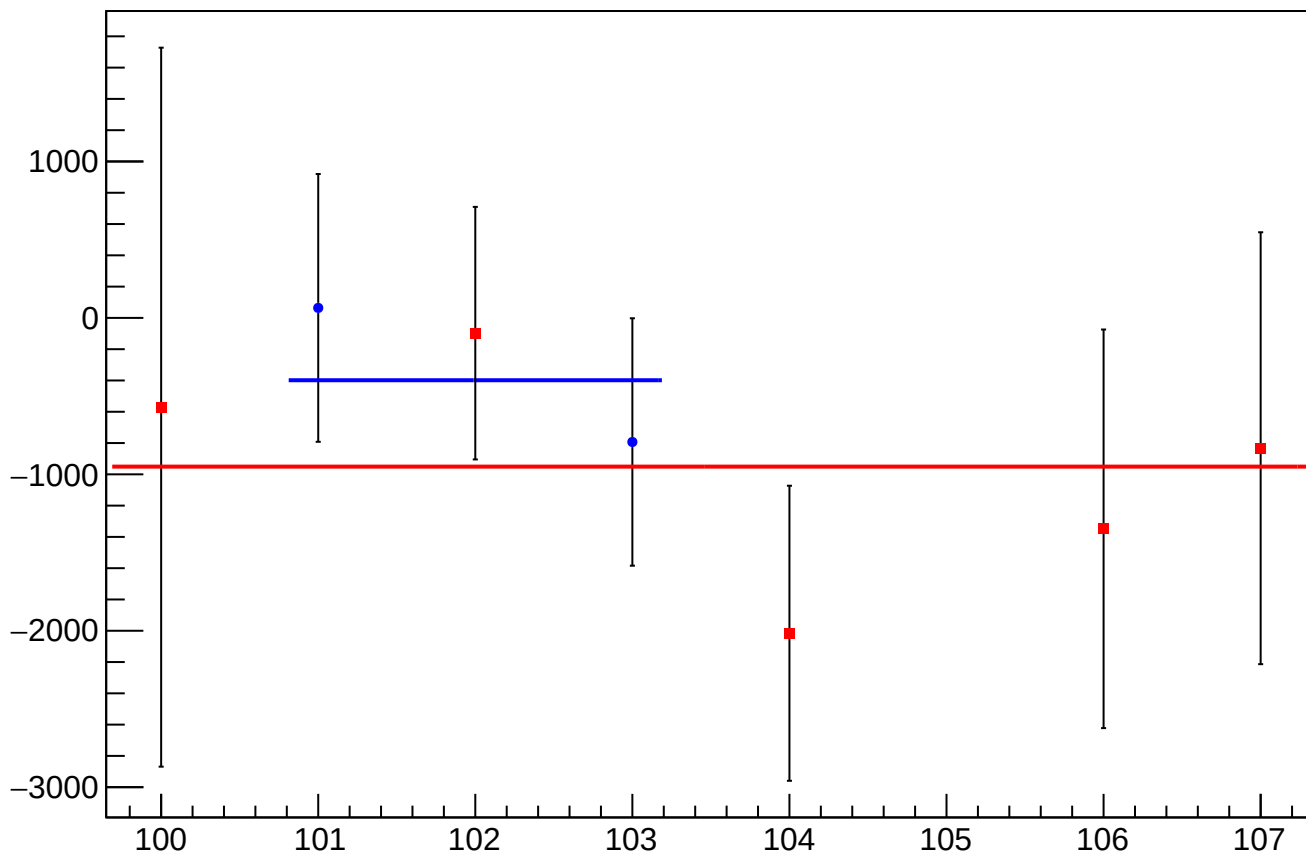
Right: 118.838+/-0.049 χ^2/NDF : 8665.1/6

In: 120.871+/-0.076 χ^2/NDF : 3333.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.838+/-0.049 χ^2/NDF : 8665.1/6

asym_sam1_cor_correction_mean vs Slug, Sign Corrected



Right In: -398.502+/-580.869 χ^2/NDF : 0.5/1

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

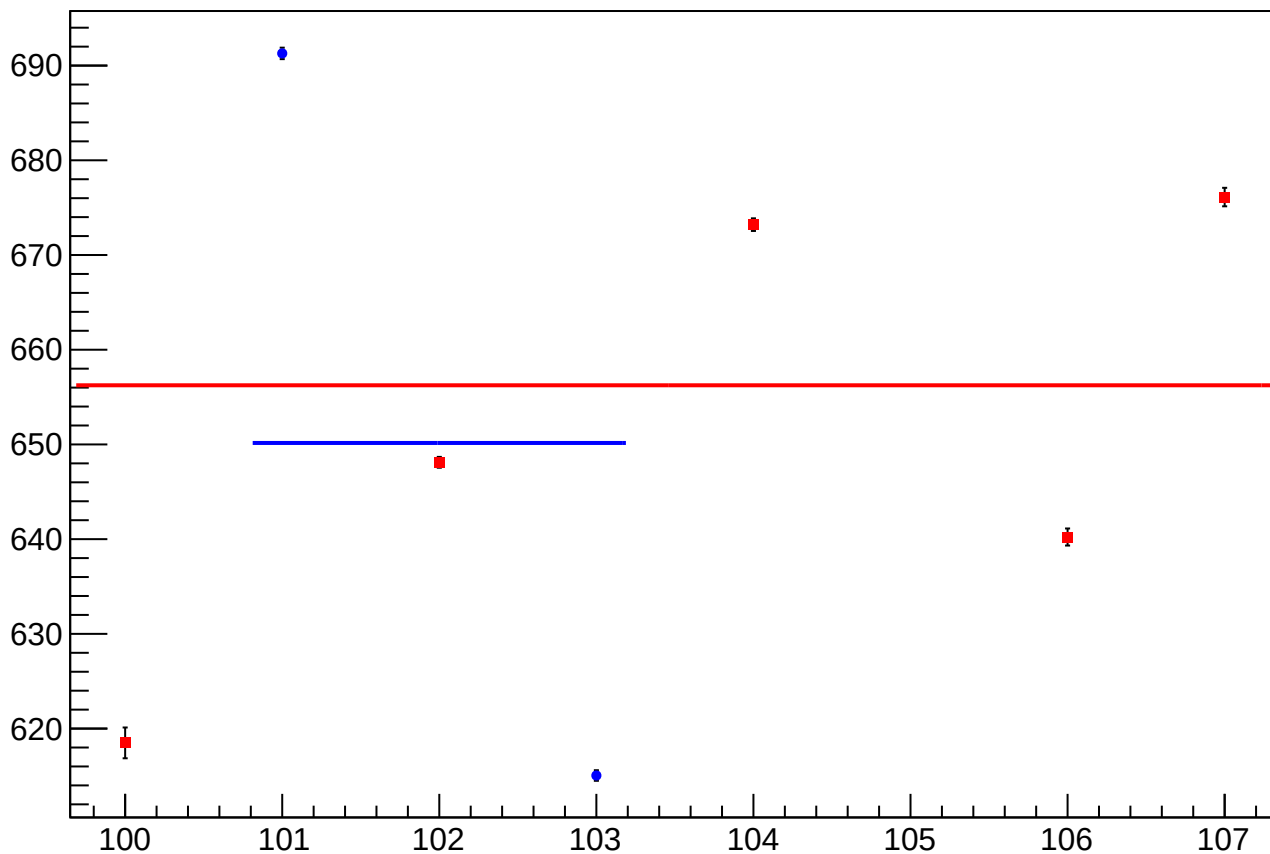
Right: -715.271+/-379.253 χ^2/NDF : 3.6/6

In: -398.502+/-580.869 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -715.271+/-379.253 χ^2/NDF : 3.6/6

asym_sam1_cor_correction_rms vs Slug, Sign Corrected



Right In: 650.156 ± 0.411 $\chi^2/\text{NDF}: 8559.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 656.245 ± 0.354 $\chi^2/\text{NDF}: 2120.1/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

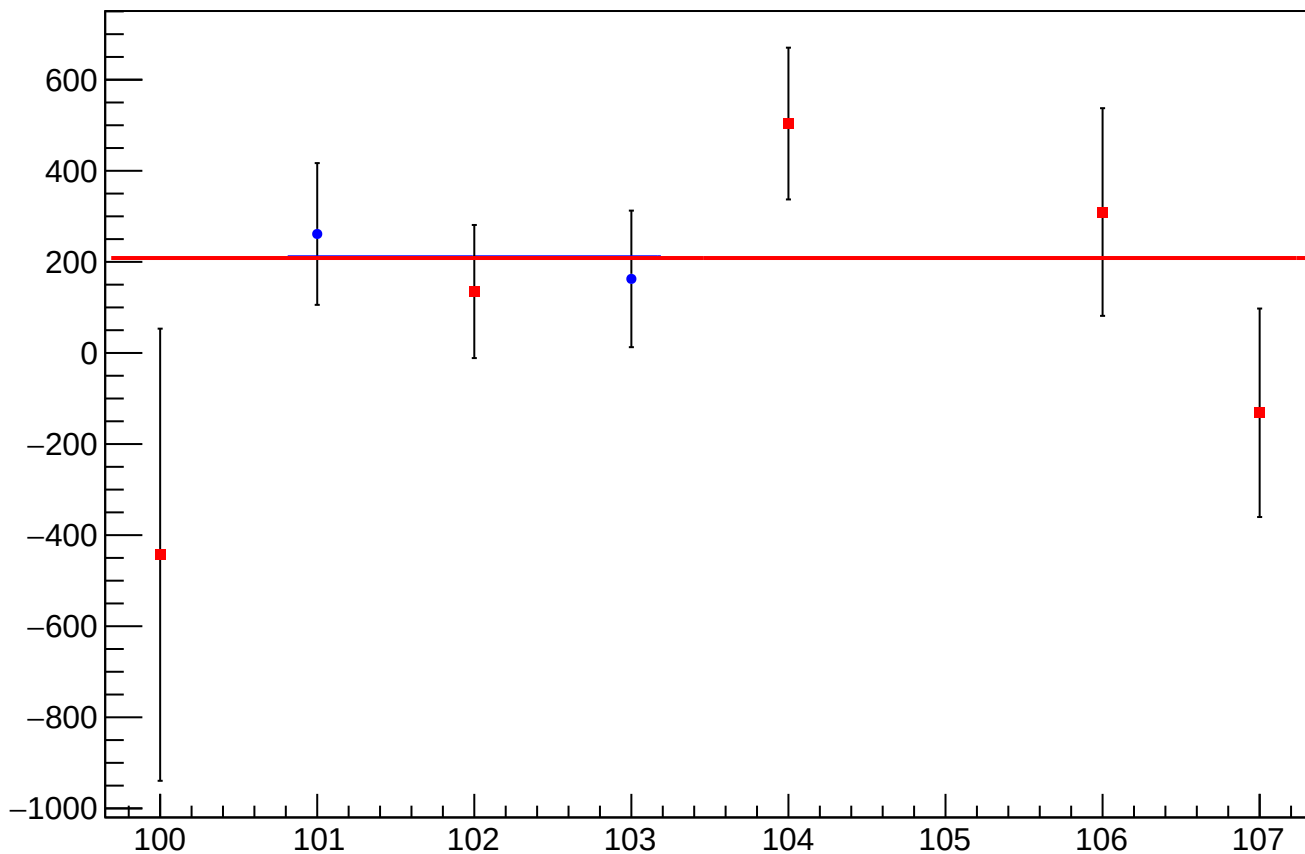
Right: 653.650 ± 0.268 $\chi^2/\text{NDF}: 10806.0/6$

In: 650.156 ± 0.411 $\chi^2/\text{NDF}: 8559.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 653.650 ± 0.268 $\chi^2/\text{NDF}: 10806.0/6$

eigen_cor_asym_sam1_mean vs Slug, Sign Corrected



Right In: 210.121+/-107.974 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 208.504+/-89.362 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

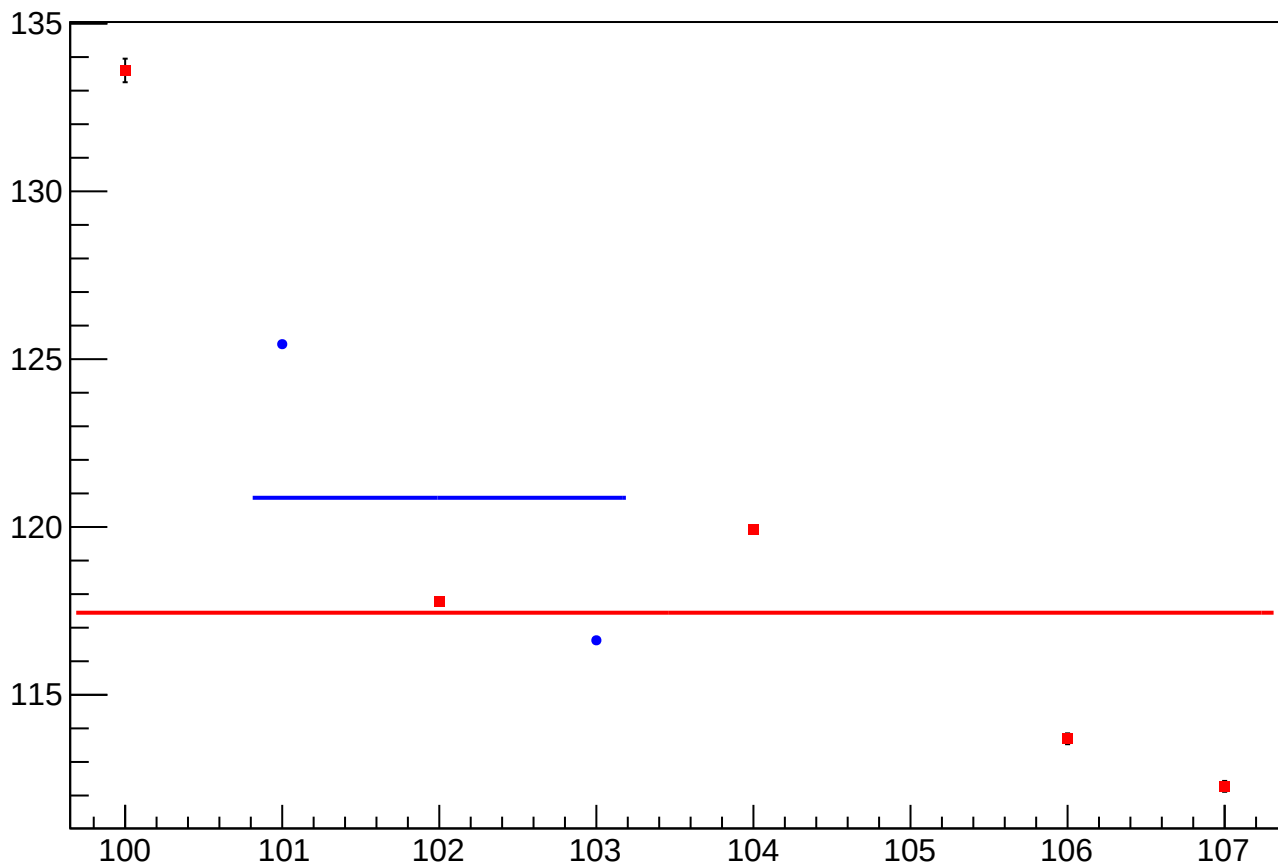
Right: 209.161+/-68.843 χ^2/NDF : 7.7/6

In: 210.121+/-107.974 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 209.161+/-68.843 χ^2/NDF : 7.7/6

eigen_cor_asym_sam1_rms vs Slug, Sign Corrected



Right In: 120.871+/-0.076 χ^2/NDF : 3333.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 117.446+/-0.063 χ^2/NDF : 4137.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

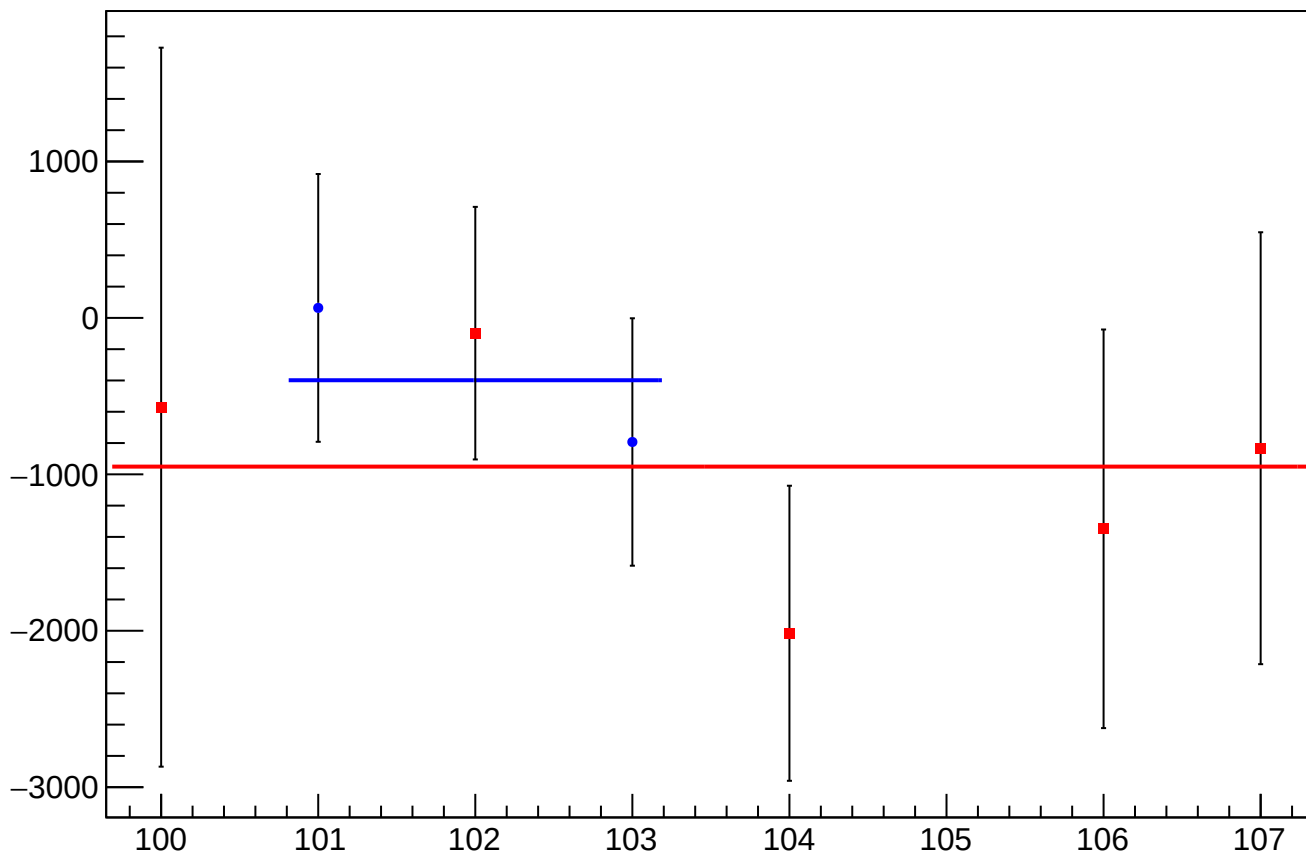
Right: 118.838+/-0.049 χ^2/NDF : 8665.1/6

In: 120.871+/-0.076 χ^2/NDF : 3333.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.838+/-0.049 χ^2/NDF : 8665.1/6

asym_sam1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -398.502 $\pm$ 580.869 χ^2 /NDF: 0.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -950.641 $\pm$ 500.705 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

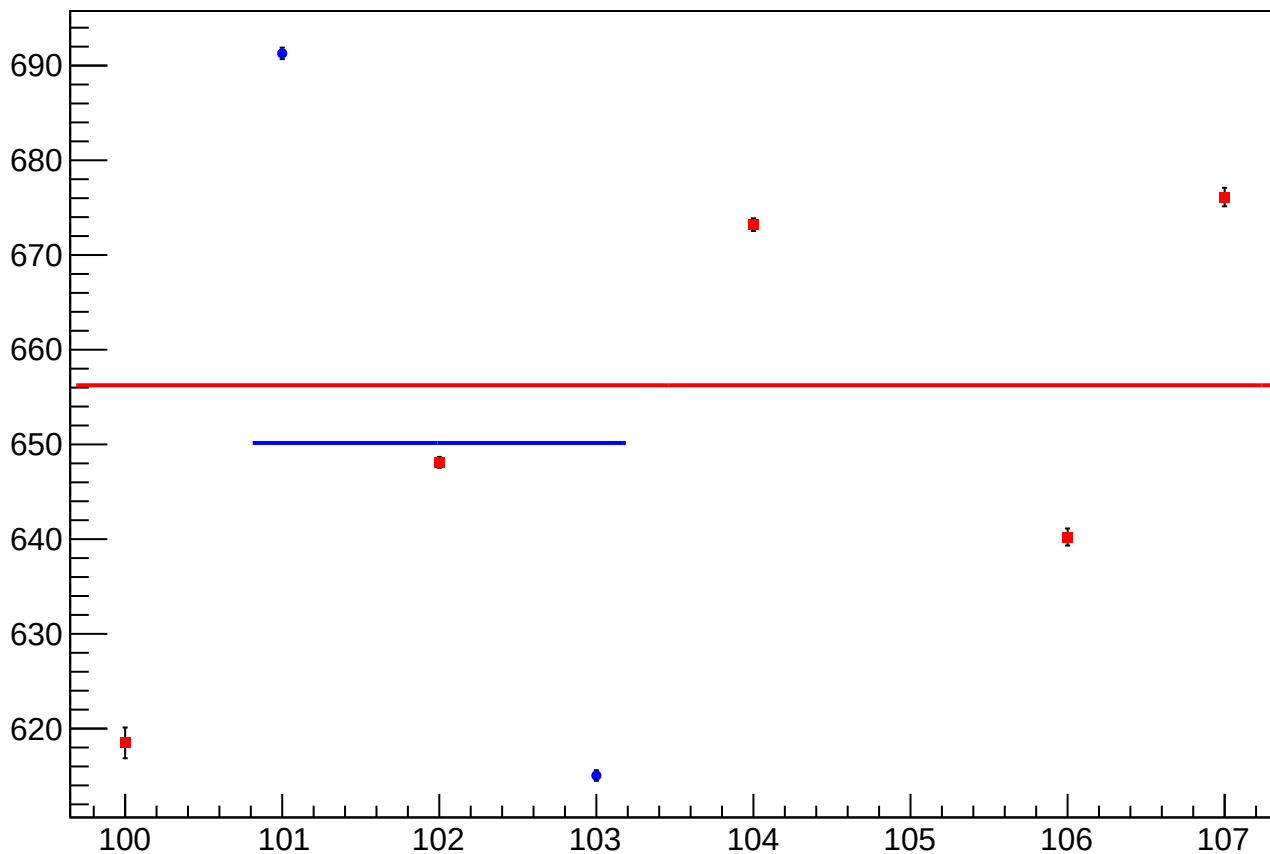
Right: -715.271 $\pm$ 379.253 χ^2 /NDF: 3.6/6

In: -398.502 $\pm$ 580.869 χ^2 /NDF: 0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -715.271 $\pm$ 379.253 χ^2 /NDF: 3.6/6

asym_sam1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 650.156 ± 0.411 $\chi^2/\text{NDF}: 8559.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 656.245 ± 0.354 $\chi^2/\text{NDF}: 2120.1/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

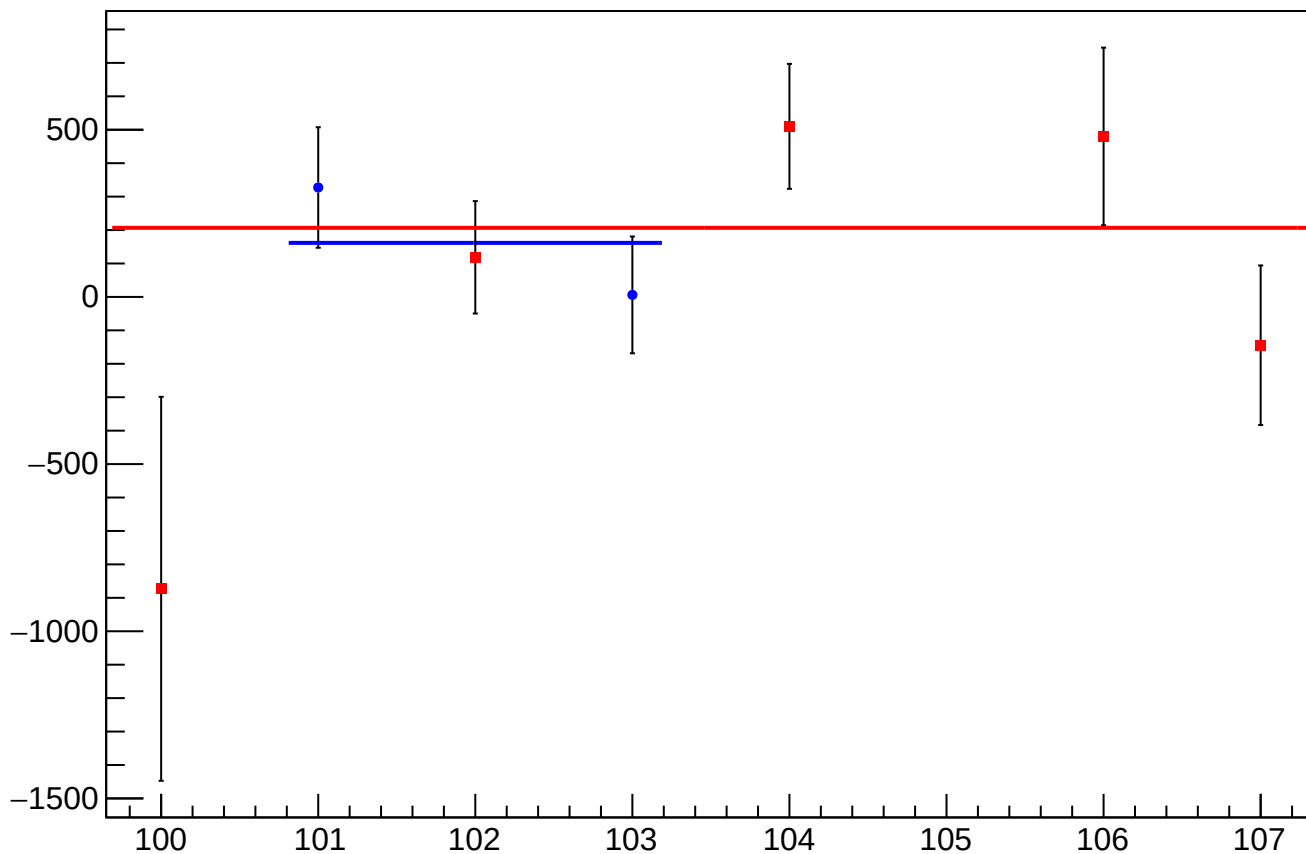
Right: 653.650 ± 0.268 $\chi^2/\text{NDF}: 10806.0/6$

In: 650.156 ± 0.411 $\chi^2/\text{NDF}: 8559.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 653.650 ± 0.268 $\chi^2/\text{NDF}: 10806.0/6$

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 161.647 $\pm$ 125.442 χ^2 /NDF: 1.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 206.691 $\pm$ 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

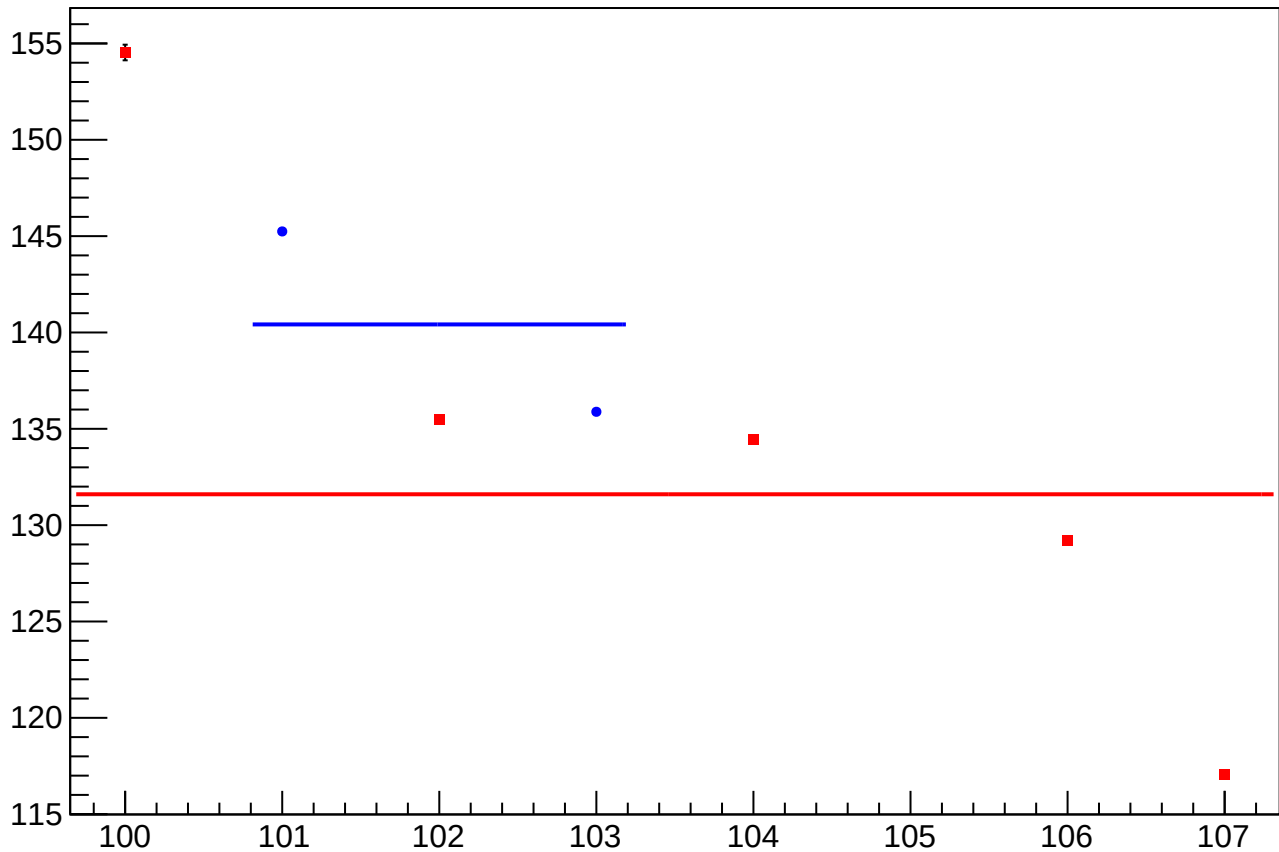
Right: 189.059 $\pm$ 78.483 χ^2 /NDF: 11.4/6

In: 161.647 $\pm$ 125.442 χ^2 /NDF:1.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 189.059 $\pm$ 78.483 χ^2 /NDF: 11.4/6

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 140.418 $\pm$ 0.089 χ^2 /NDF: 2781.2/1

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

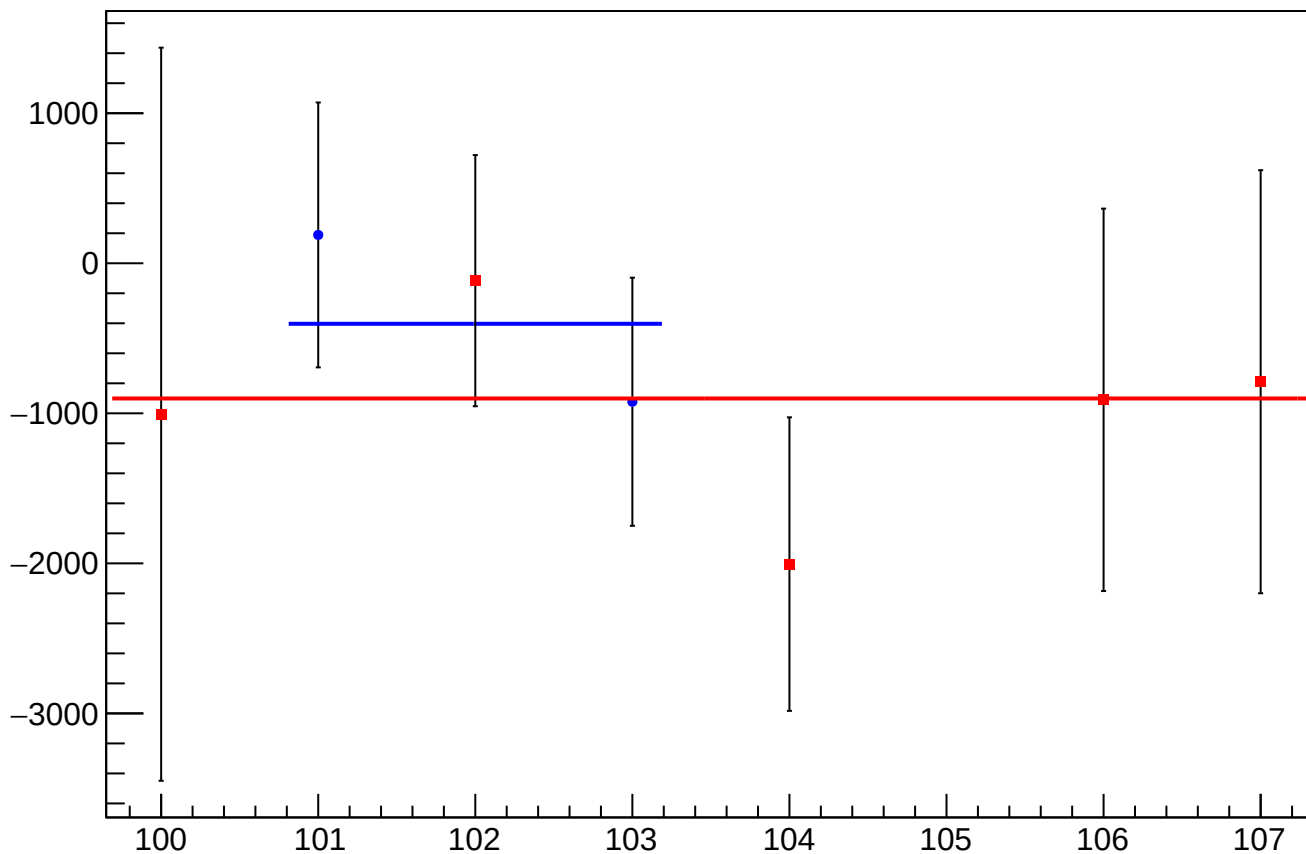
Right: 135.053 $\pm$ 0.055 χ^2 /NDF: 21110.1/6

In: 140.418 $\pm$ 0.089 χ^2 /NDF: 2781.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 135.053 $\pm$ 0.055 χ^2 /NDF: 21110.1/6

asym_sam1_dit_correction_mean vs Slug, Sign Corrected



Right In: -403.345+/-603.410 χ^2 /NDF: 0.8/1

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

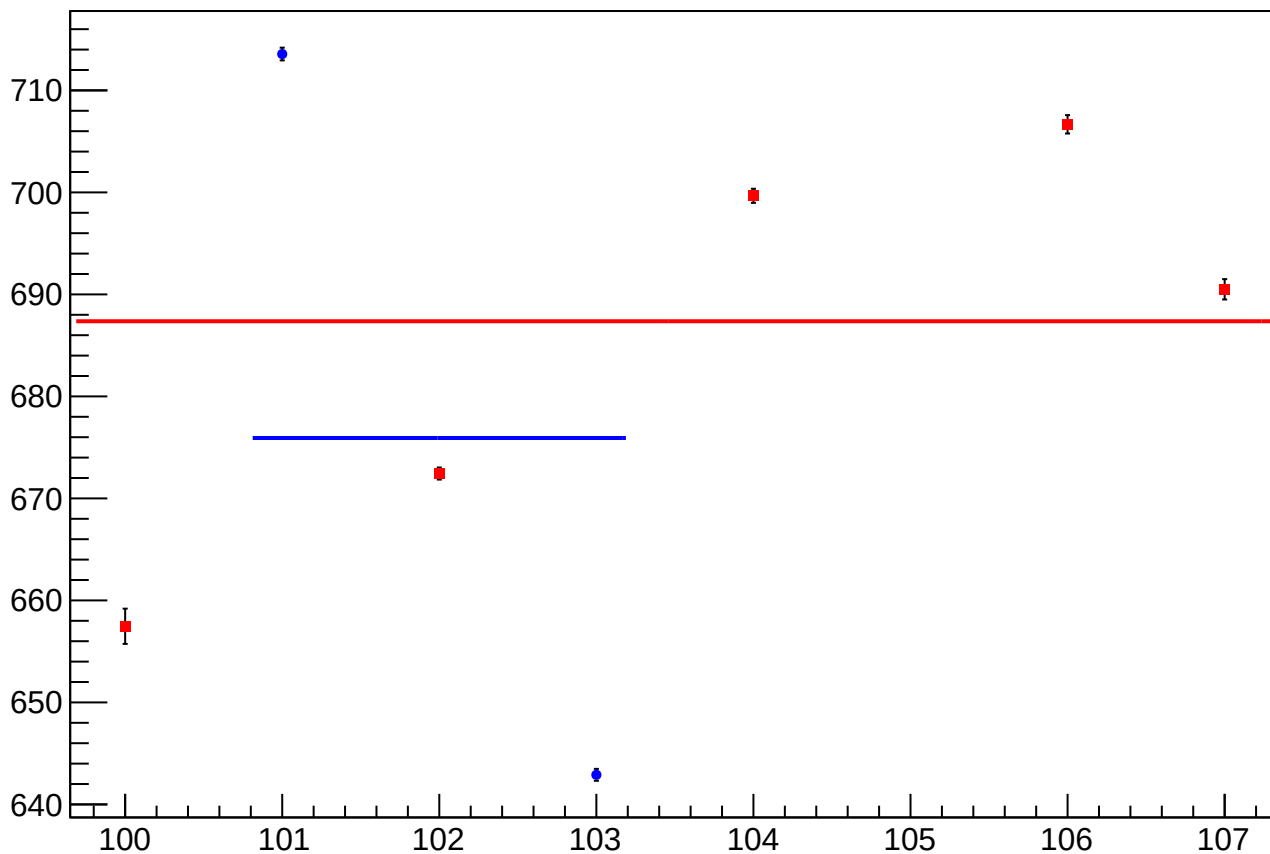
Right: -690.931+/-392.065 χ^2 /NDF: 3.4/6

In: -403.345+/-603.410 χ^2 /NDF: 0.8/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -690.931+/-392.065 χ^2 /NDF: 3.4/6

asym_sam1_dit_correction_rms vs Slug, Sign Corrected



Right In: 675.923 ± 0.427 $\chi^2/\text{NDF}: 6827.6/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 687.367 ± 0.365 $\chi^2/\text{NDF}: 1721.0/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

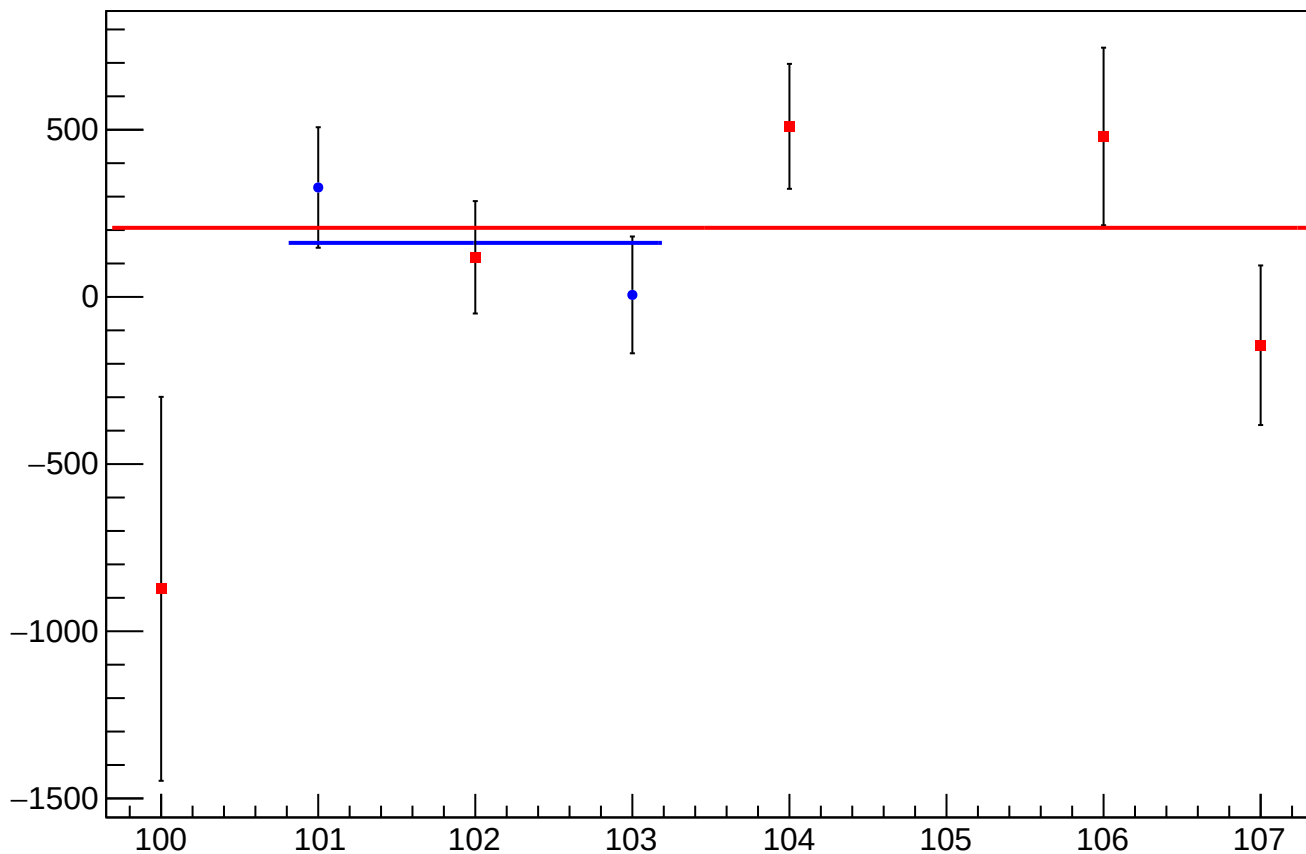
Right: 682.535 ± 0.277 $\chi^2/\text{NDF}: 8964.3/6$

In: 675.923 ± 0.427 $\chi^2/\text{NDF}: 6827.6/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 682.535 ± 0.277 $\chi^2/\text{NDF}: 8964.3/6$

eigen_dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 161.648 $\pm$ 125.442 χ^2 /NDF: 1.6/1

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

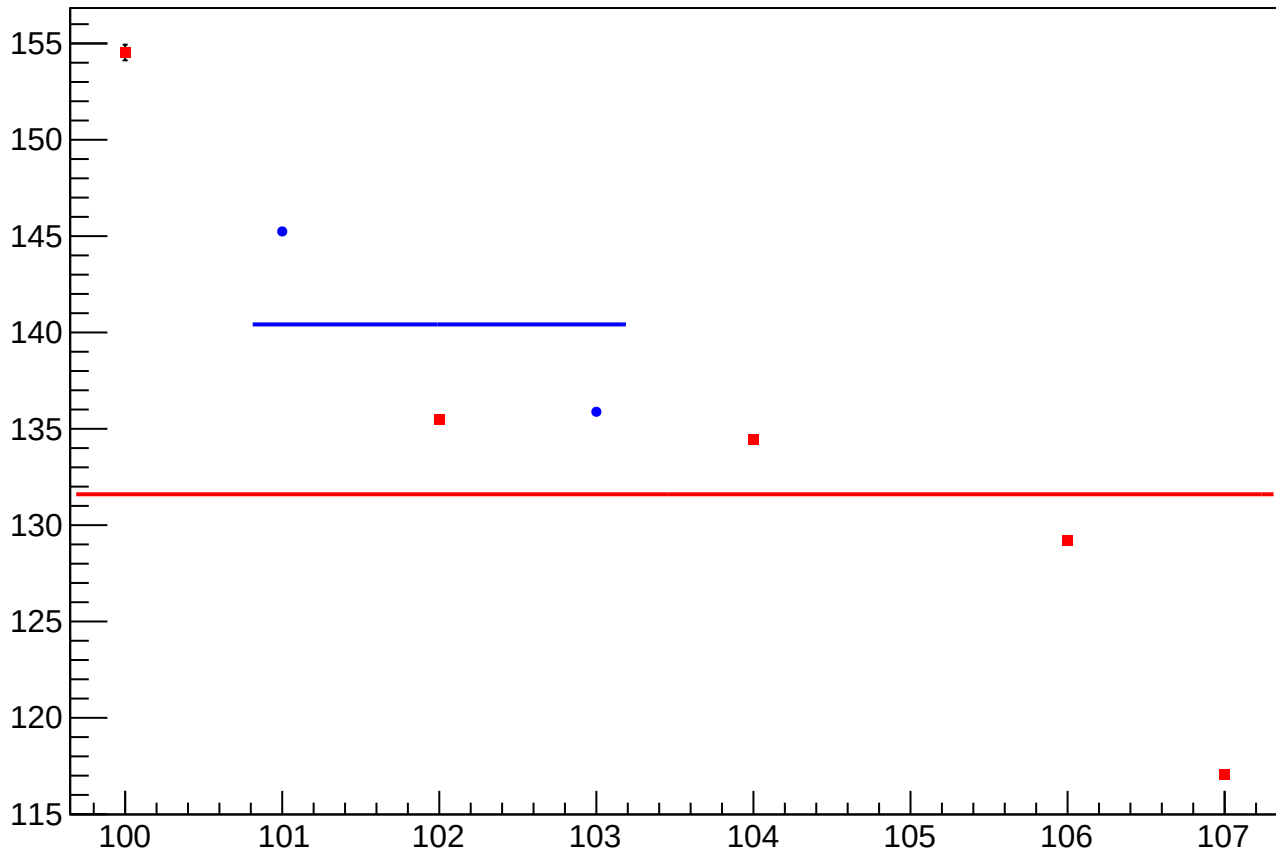
Right: 189.060 $\pm$ 78.483 χ^2 /NDF: 11.4/6

In: 161.648 $\pm$ 125.442 χ^2 /NDF:1.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 189.060 $\pm$ 78.483 χ^2 /NDF: 11.4/6

eigen_dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 140.418 $\pm$ 0.089 χ^2 /NDF: 2781.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 131.603 $\pm$ 0.071 χ^2 /NDF: 12318.5/4

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

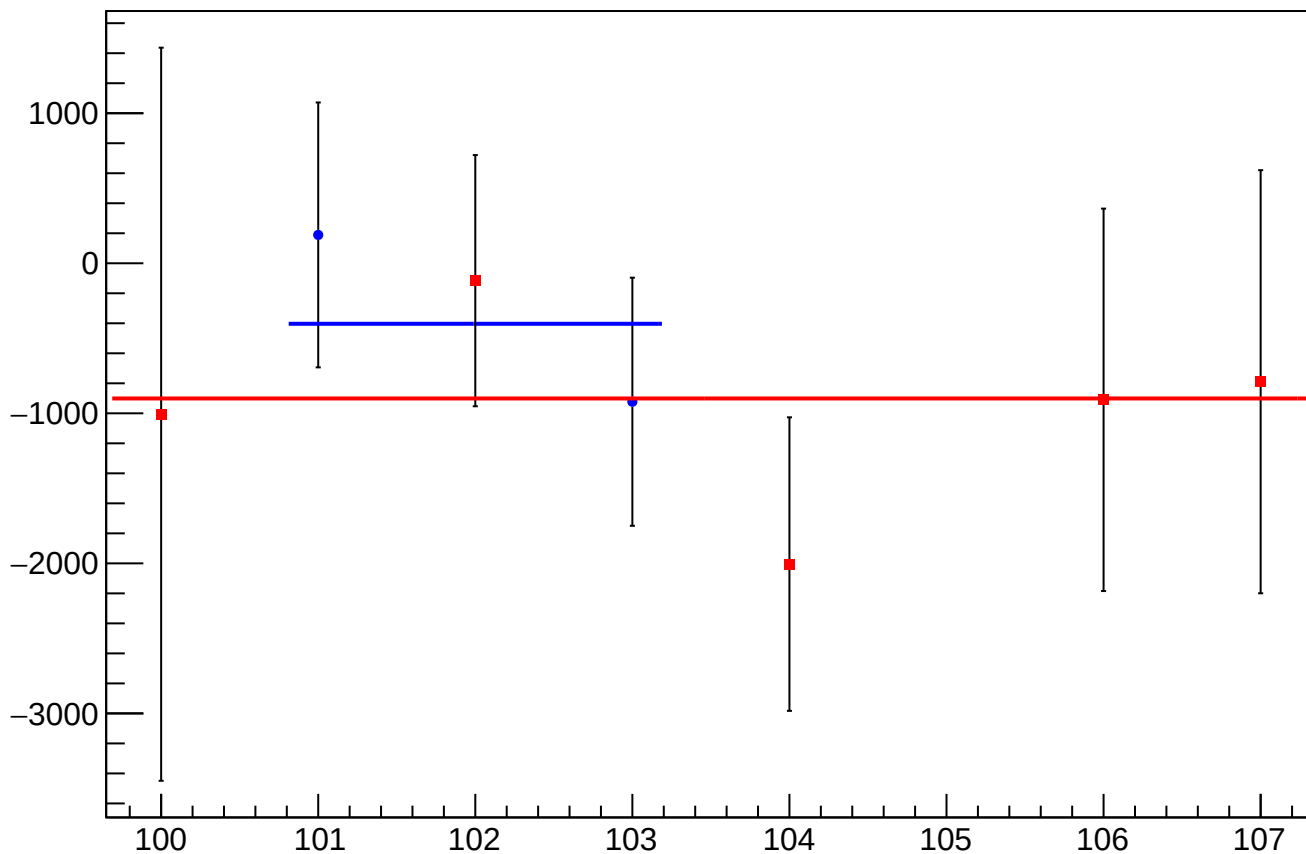
Right: 135.053 $\pm$ 0.055 χ^2 /NDF: 21109.9/6

In: 140.418 $\pm$ 0.089 χ^2 /NDF: 2781.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 135.053 $\pm$ 0.055 χ^2 /NDF: 21109.9/6

asym_sam1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -403.343+/-603.409 χ^2 /NDF: 0.8/1

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

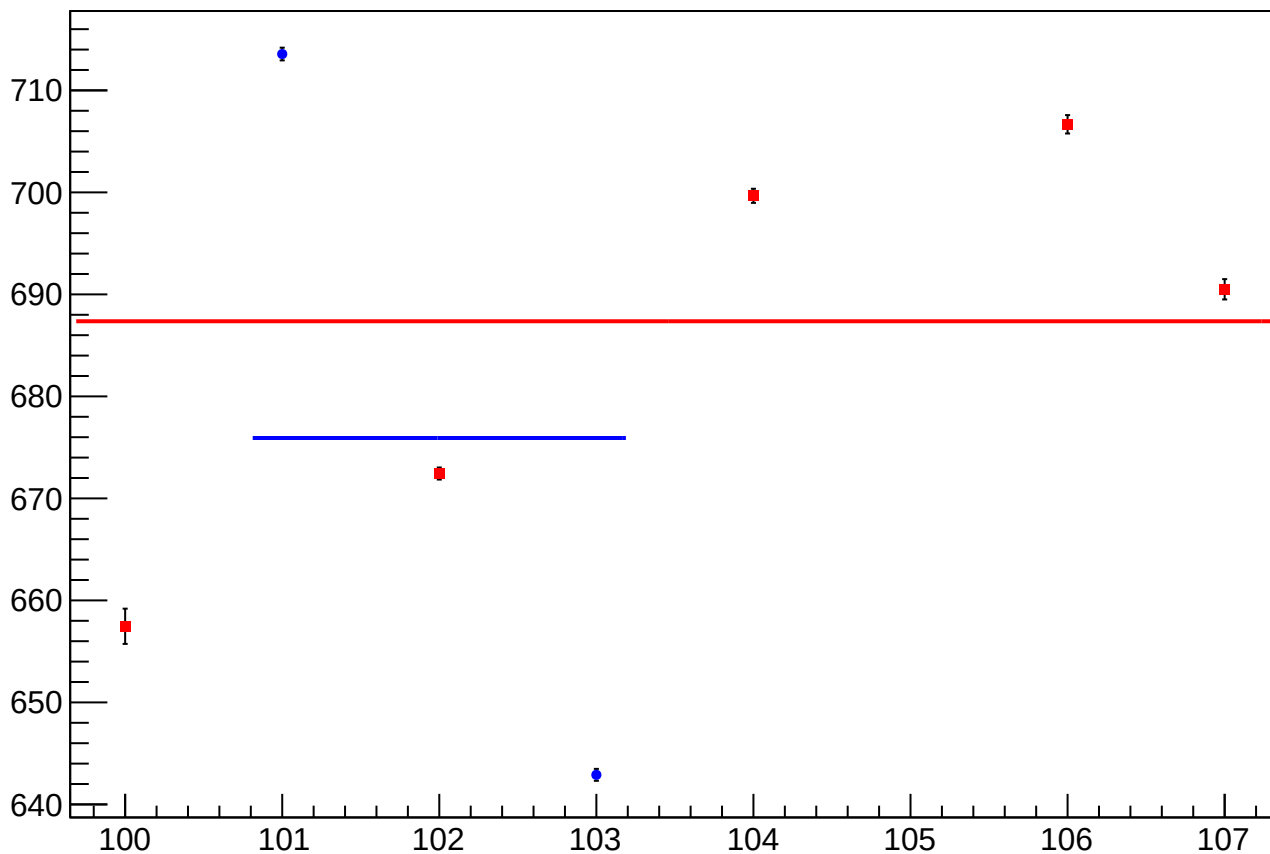
Right: -690.930+/-392.065 χ^2 /NDF: 3.4/6

In: -403.343+/-603.409 χ^2 /NDF: 0.8/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -690.930+/-392.065 χ^2 /NDF: 3.4/6

asym_sam1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 675.922+/-0.427 χ^2/NDF : 6827.6/1

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

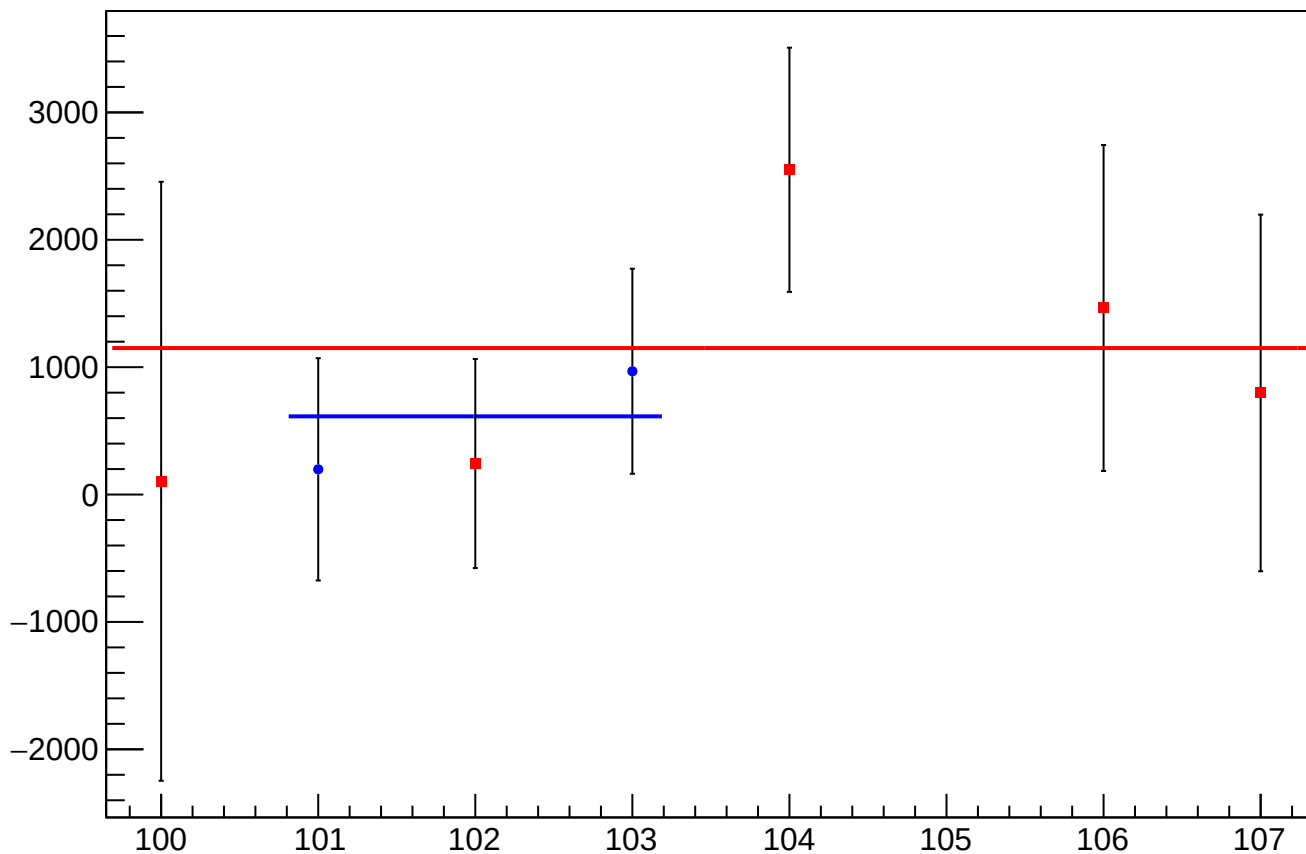
Right: 682.535+/-0.277 χ^2/NDF : 8964.4/6

In: 675.922+/-0.427 χ^2/NDF :6827.6/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 682.535+/-0.277 χ^2/NDF : 8964.4/6

asym_sam1_mean vs Slug, Sign Corrected



Right In: 613.935+/-591.660 χ^2/NDF : 0.4/1

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

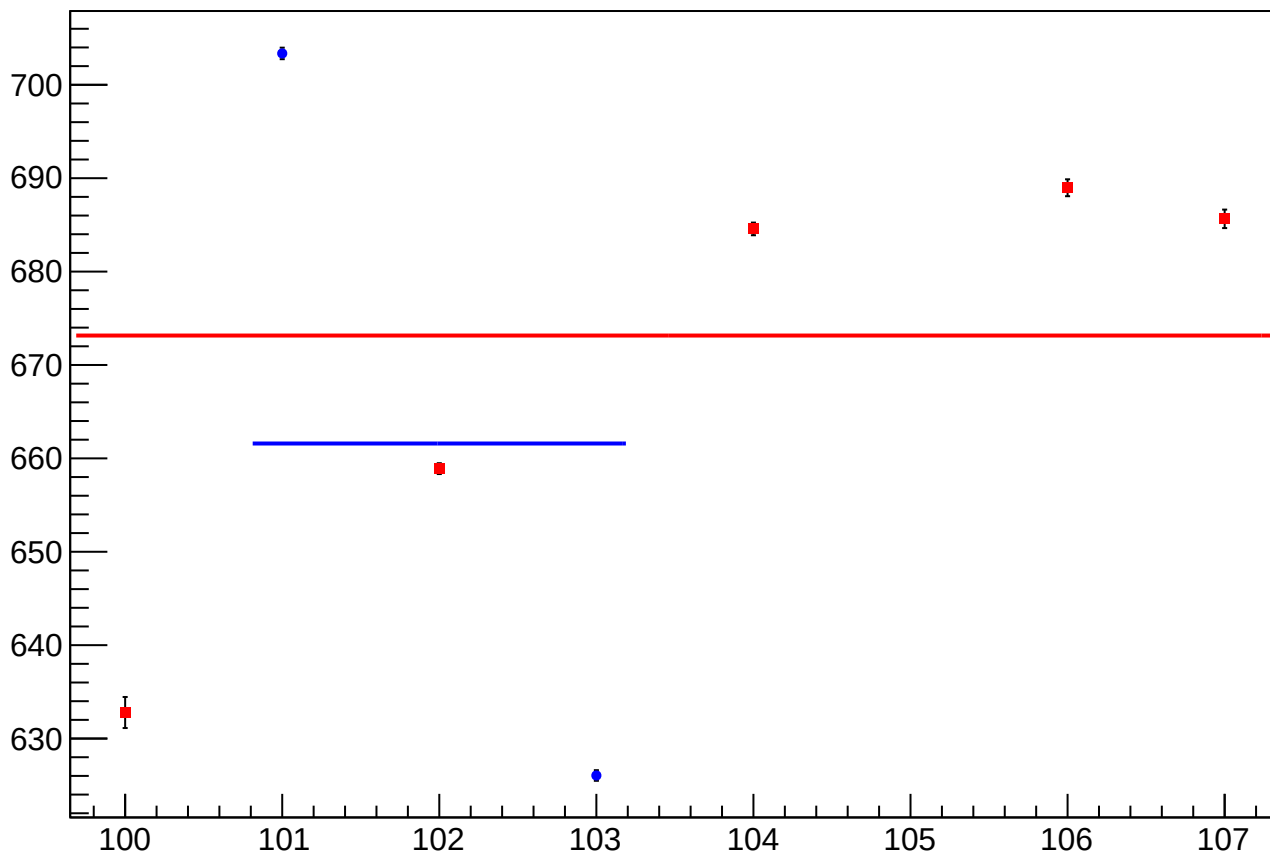
Right: 922.500+/-385.418 χ^2/NDF : 4.6/6

In: 613.935+/-591.660 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 922.500+/-385.418 χ^2/NDF : 4.6/6

asym_sam1_rms vs Slug, Sign Corrected



Right In: 661.592+/-0.418 χ^2/NDF : 8482.5/1

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

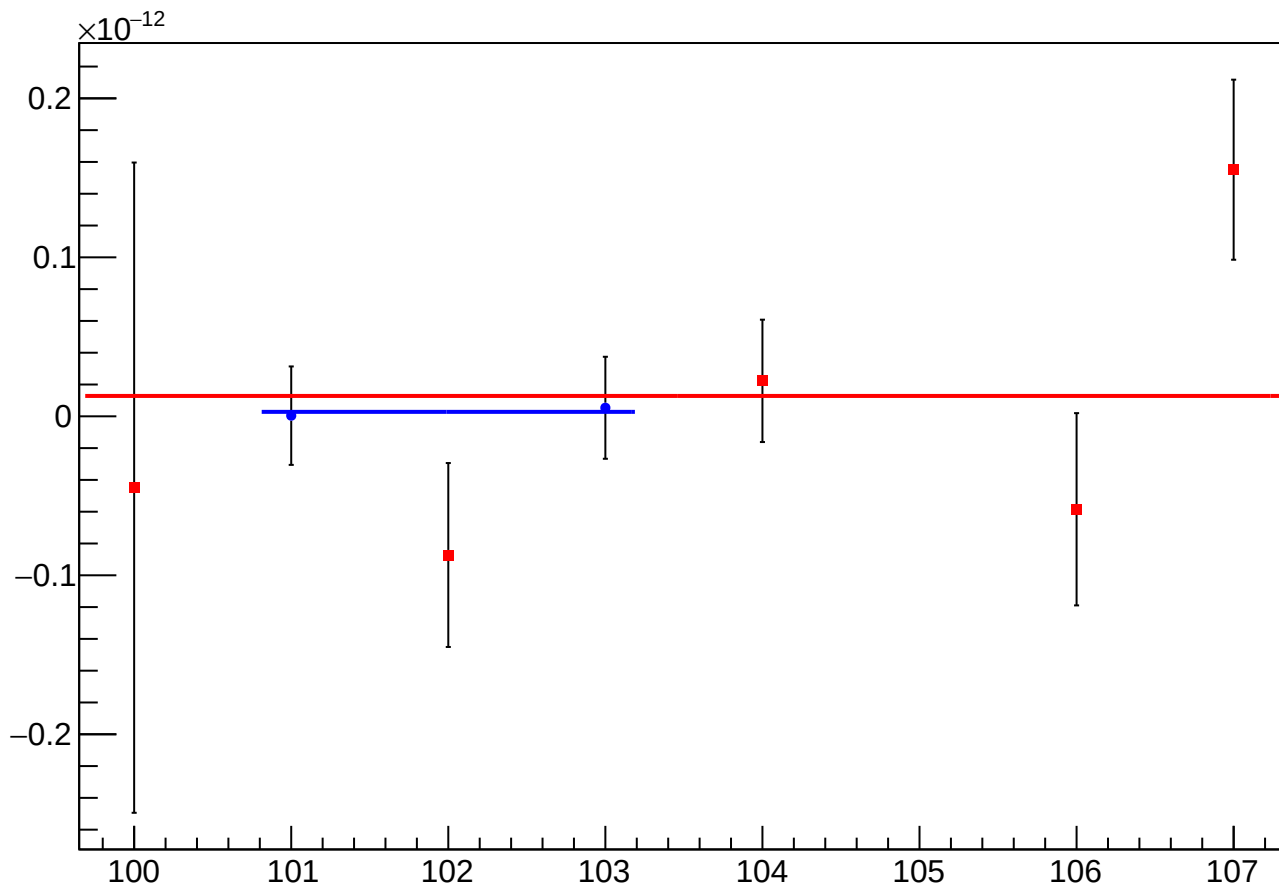
Right: 668.247+/-0.273 χ^2/NDF : 10863.5/6

In: 661.592+/-0.418 χ^2/NDF : 8482.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 668.247+/-0.273 χ^2/NDF : 10863.5/6

asym_sam1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/1

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

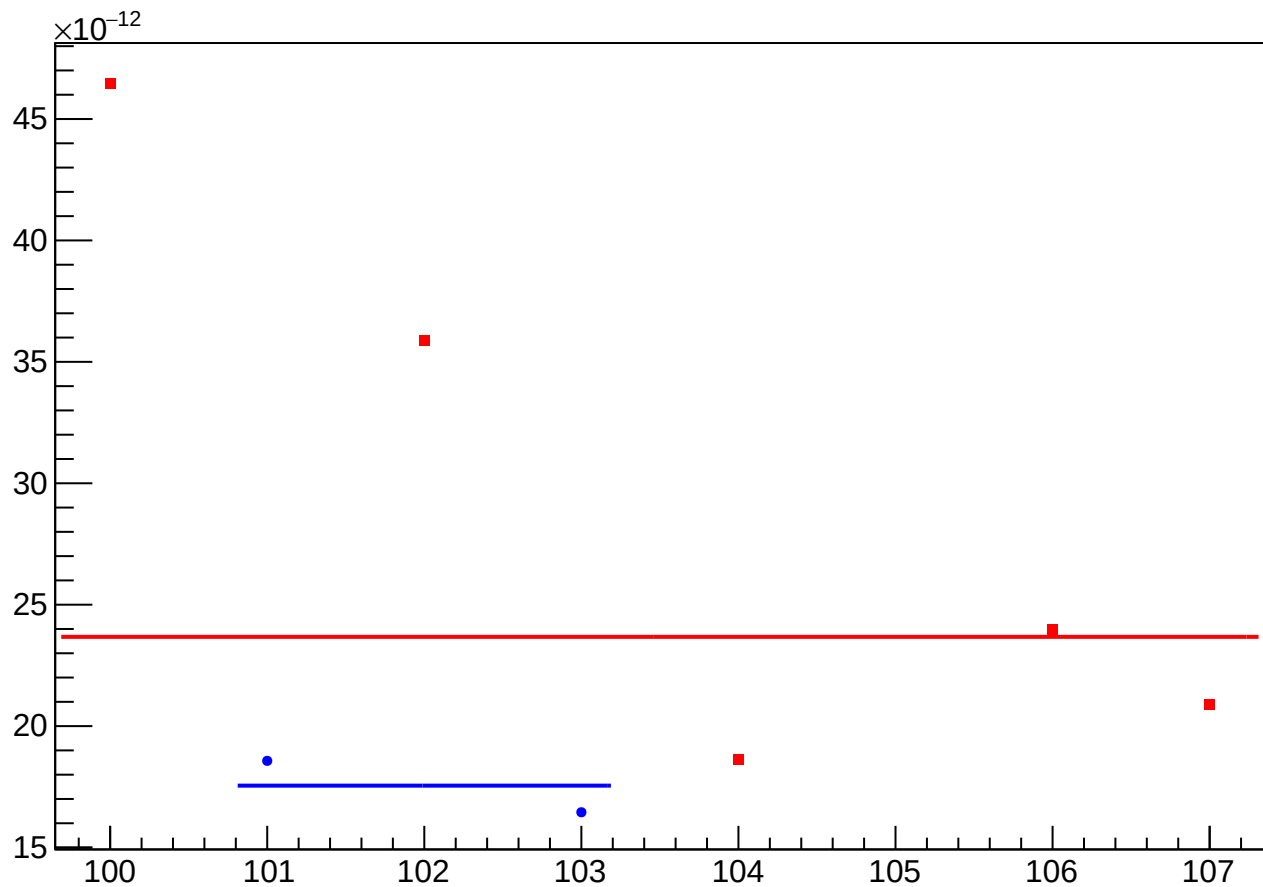
Right: 0.000+/-0.000 χ^2/NDF : 10.9/6

In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.9/6

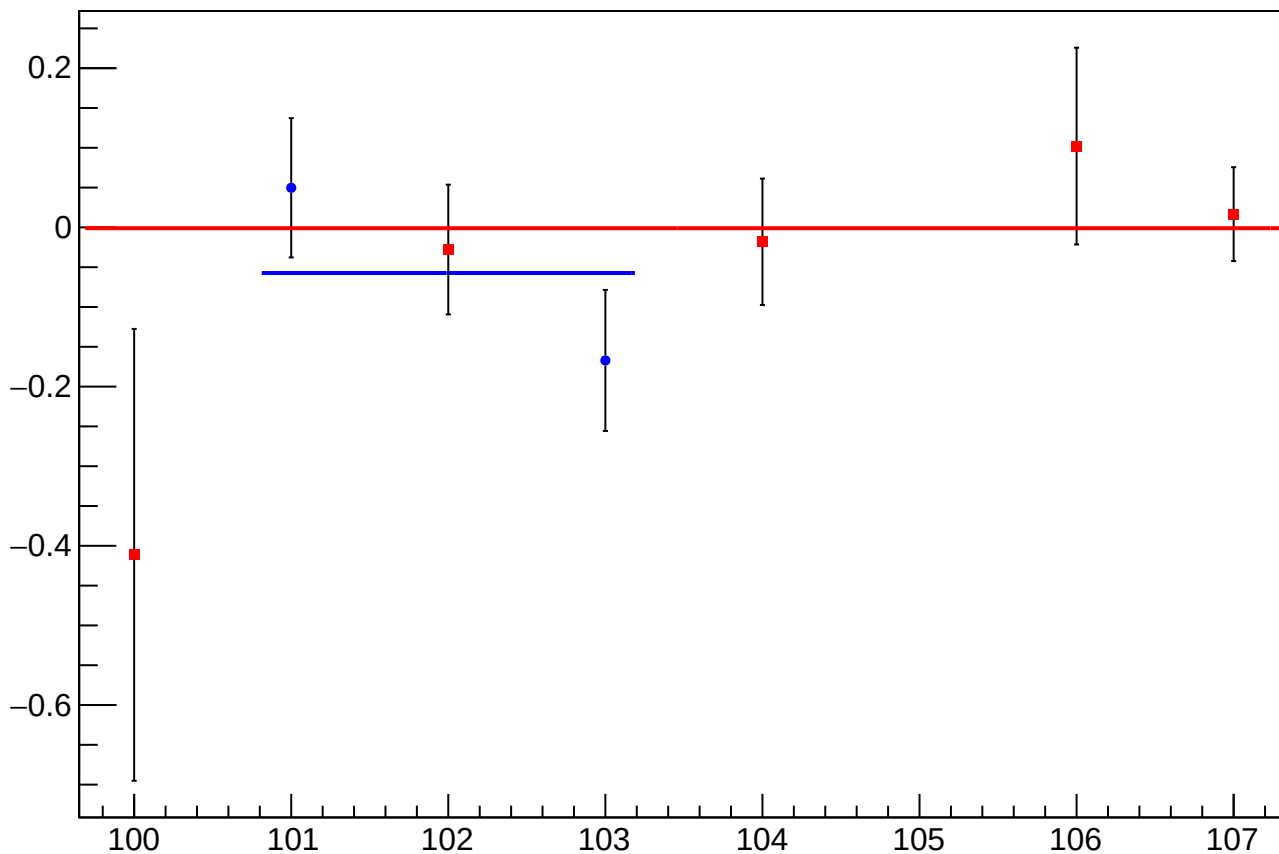
asym_sam1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4507.9/1
 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 : 224637.5/6
 In: 0.000+/-0.000 χ^2/NDF : 4507.9/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 224637.5/6

asym_sam1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.057 $\pm$ 0.062 χ^2 /NDF: 3.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.001 $\pm$ 0.039 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

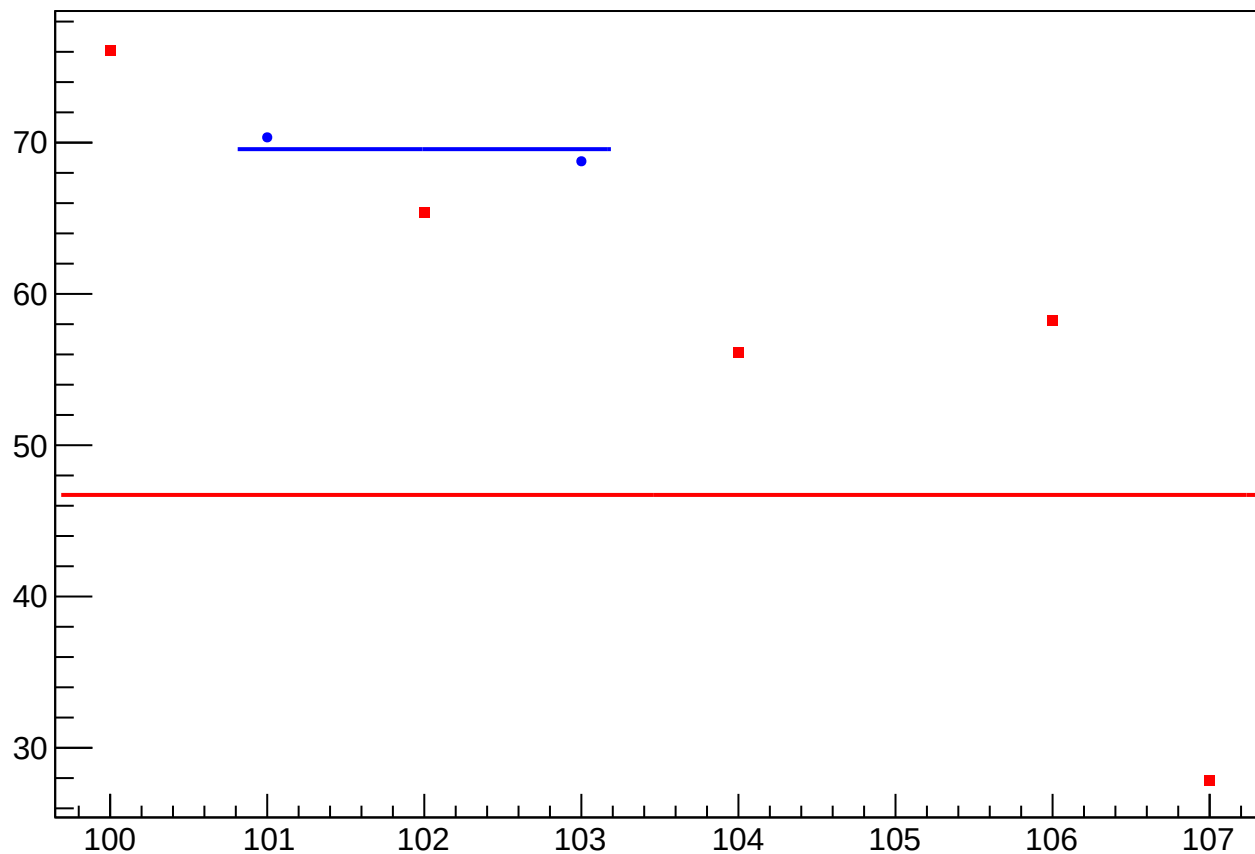
Right: -0.017 $\pm$ 0.033 χ^2 /NDF: 6.7/6

In: -0.057 $\pm$ 0.062 χ^2 /NDF:3.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.017 $\pm$ 0.033 χ^2 /NDF: 6.7/6

asym_sam1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 69.568 $\pm$ 0.044 χ^2 /NDF: 322.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 46.715 $\pm$ 0.027 χ^2 /NDF: 376096.9/4

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

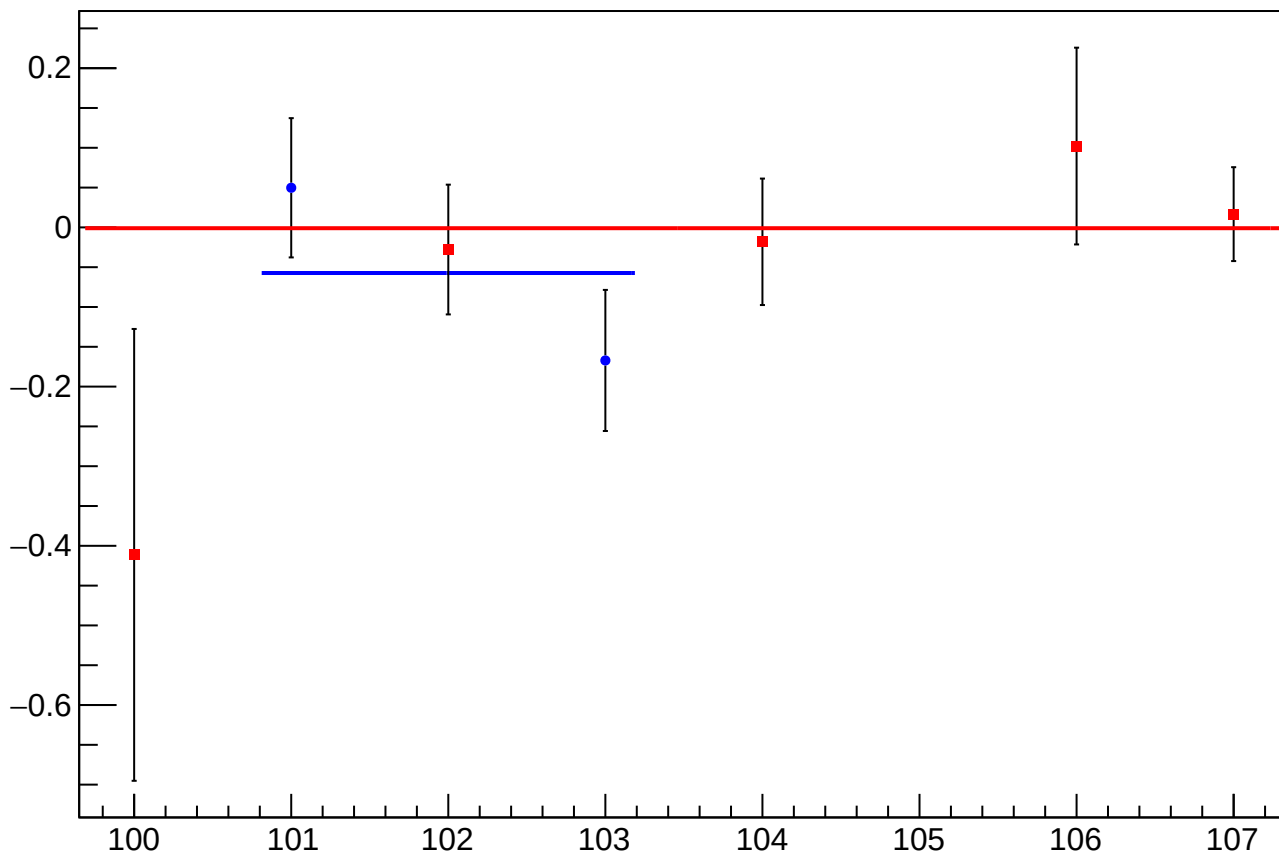
Right: 53.038 $\pm$ 0.023 χ^2 /NDF: 571352.1/6

In: 69.568 $\pm$ 0.044 χ^2 /NDF: 322.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 53.038 $\pm$ 0.023 χ^2 /NDF: 571352.1/6

asym_sam1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.057 $\pm$ 0.062 χ^2 /NDF: 3.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.001 $\pm$ 0.039 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

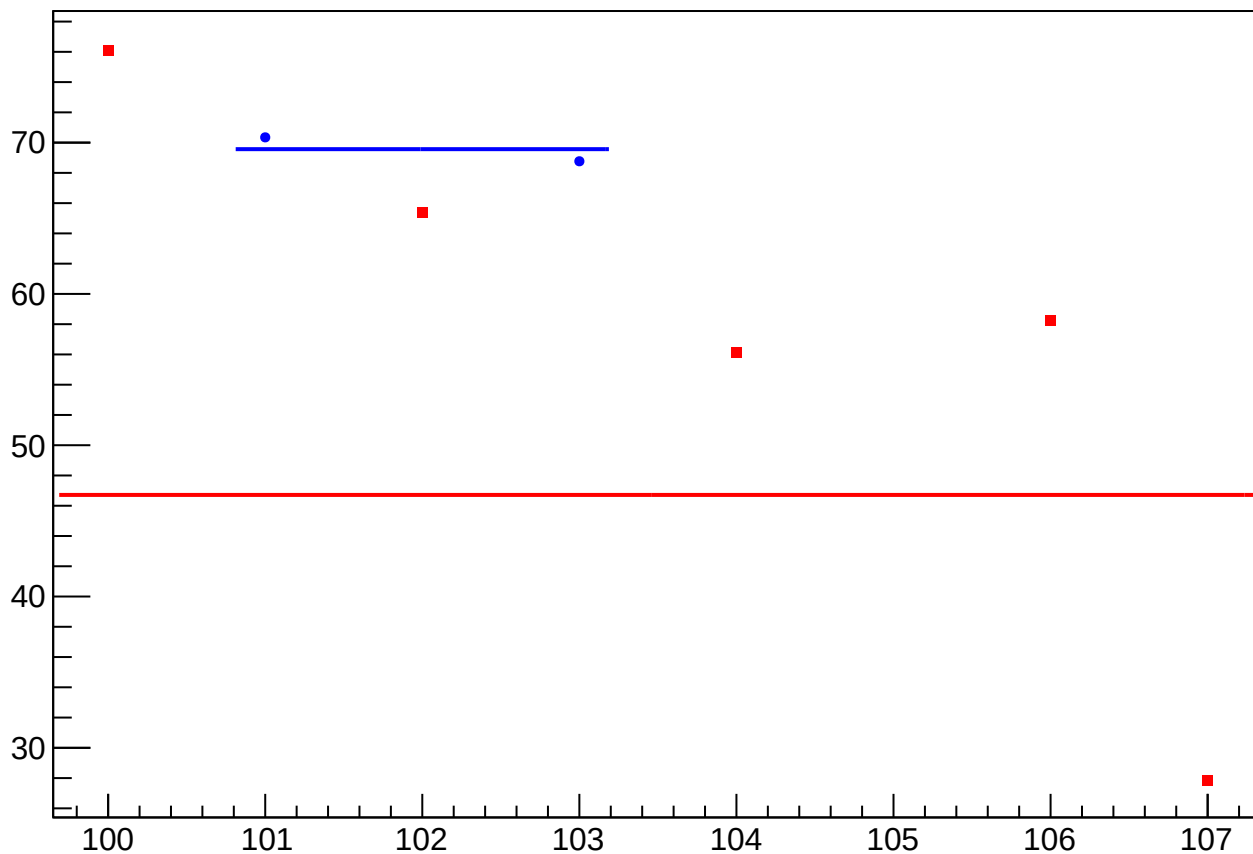
Right: -0.017 $\pm$ 0.033 χ^2 /NDF: 6.7/6

In: -0.057 $\pm$ 0.062 χ^2 /NDF:3.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.017 $\pm$ 0.033 χ^2 /NDF: 6.7/6

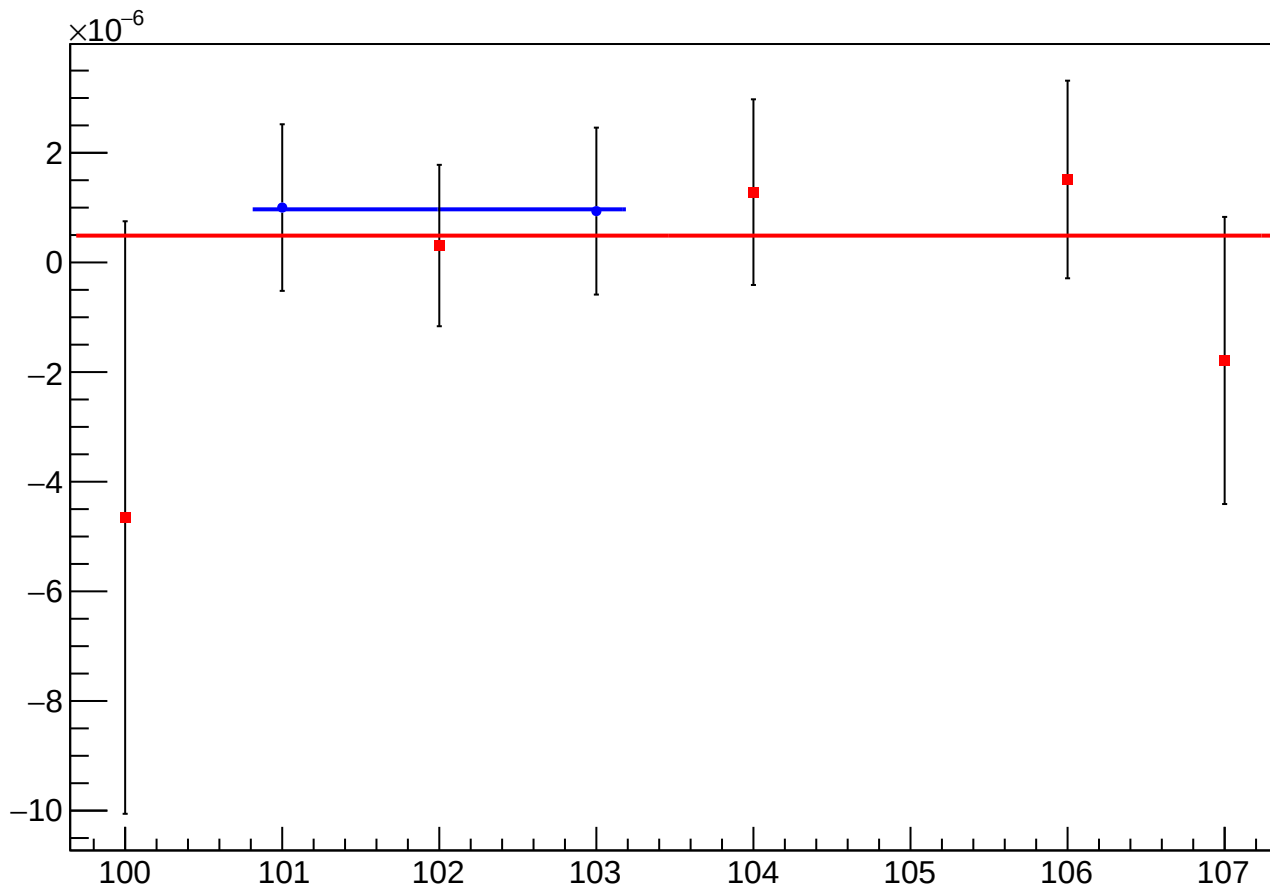
asym_sam1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 69.568+/-0.044 χ^2/NDF : 322.2/1
 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: 53.038+/-0.023 χ^2/NDF : 571352.1/6
 In: 69.568+/-0.044 χ^2/NDF : 322.2/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 53.038+/-0.023 χ^2/NDF : 571352.1/6

asym_sam1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 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

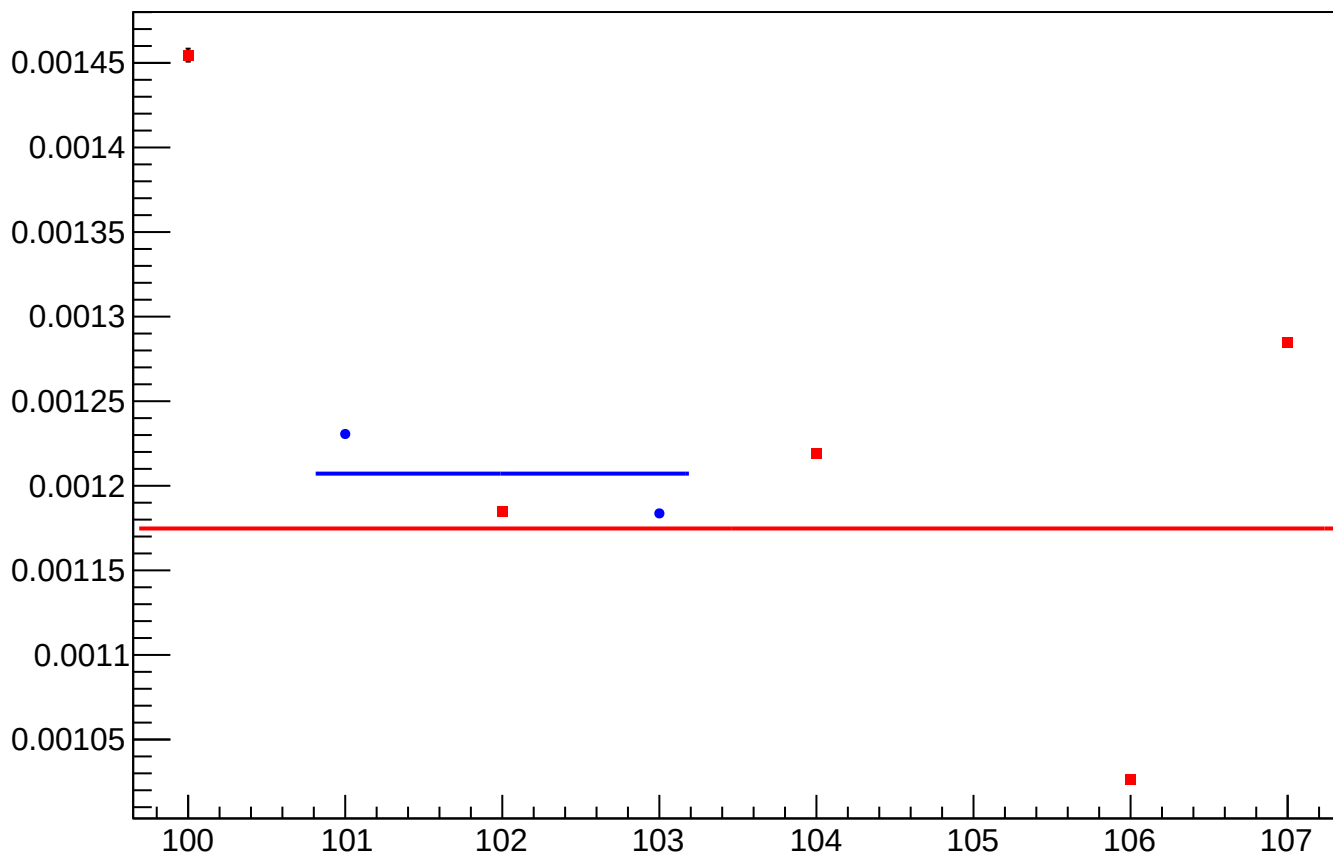
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.3/6

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.3/6

asym_sam1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 952.3/1

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

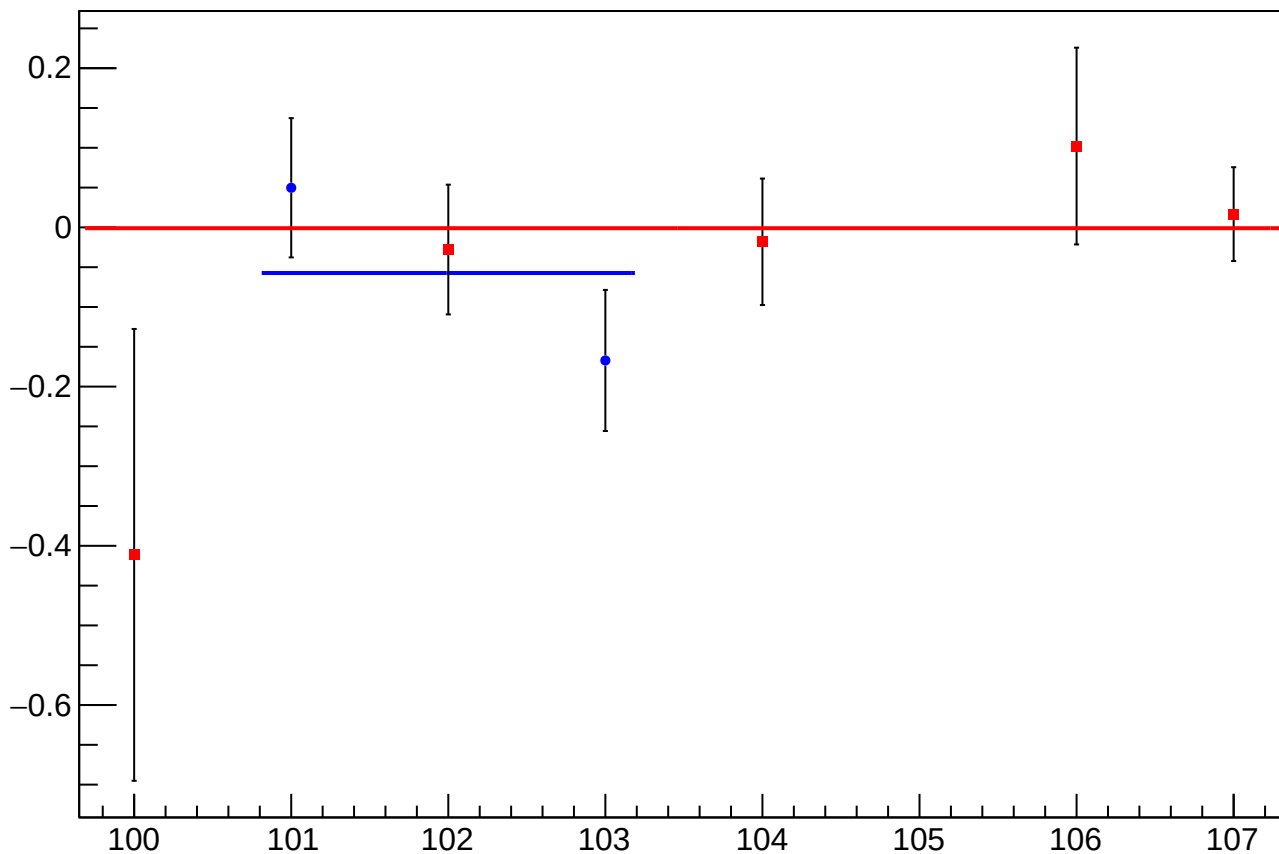
Right: 0.001+/-0.000 χ^2/NDF : 25963.3/6

In: 0.001+/-0.000 χ^2/NDF : 952.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 25963.3/6

asym_sam1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.057 $\pm$ 0.062 χ^2 /NDF: 3.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.001 $\pm$ 0.039 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

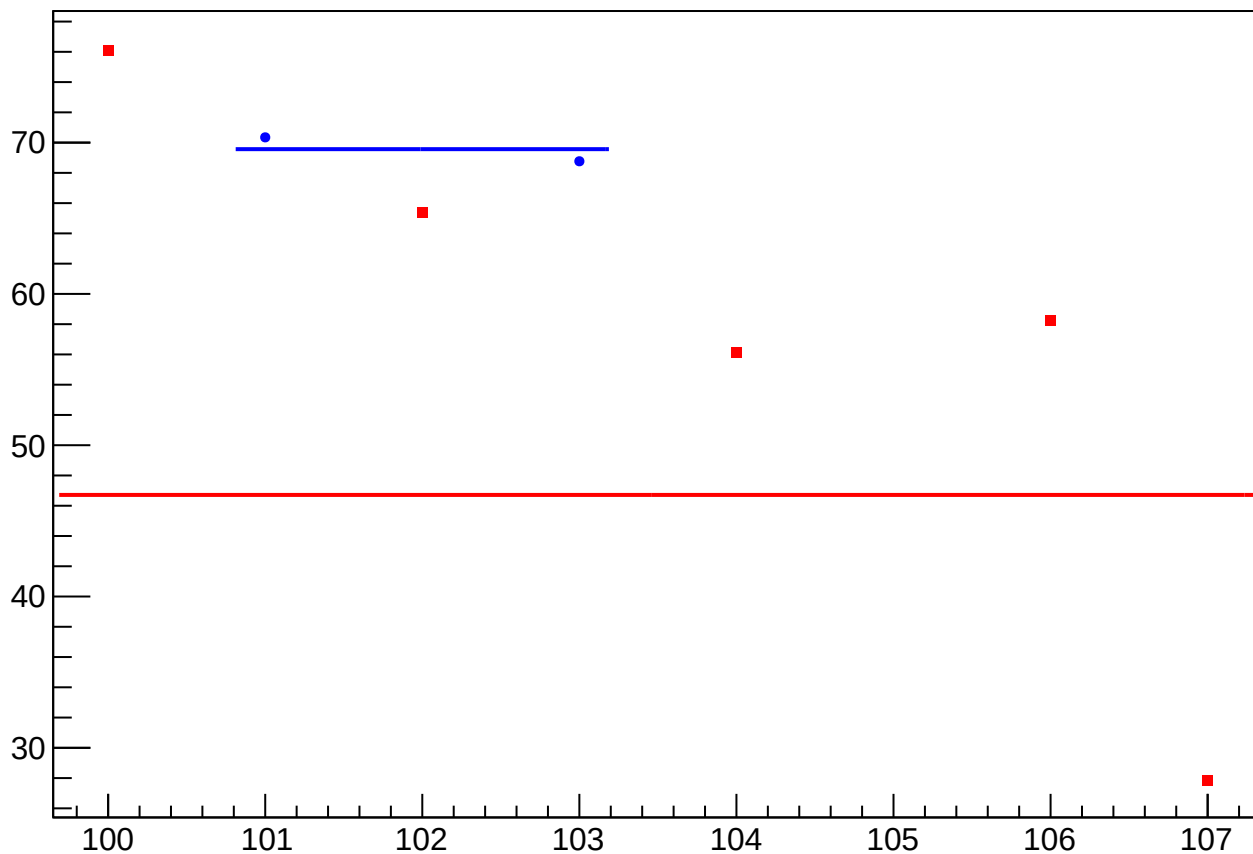
Right: -0.017 $\pm$ 0.033 χ^2 /NDF: 6.7/6

In: -0.057 $\pm$ 0.062 χ^2 /NDF:3.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.017 $\pm$ 0.033 χ^2 /NDF: 6.7/6

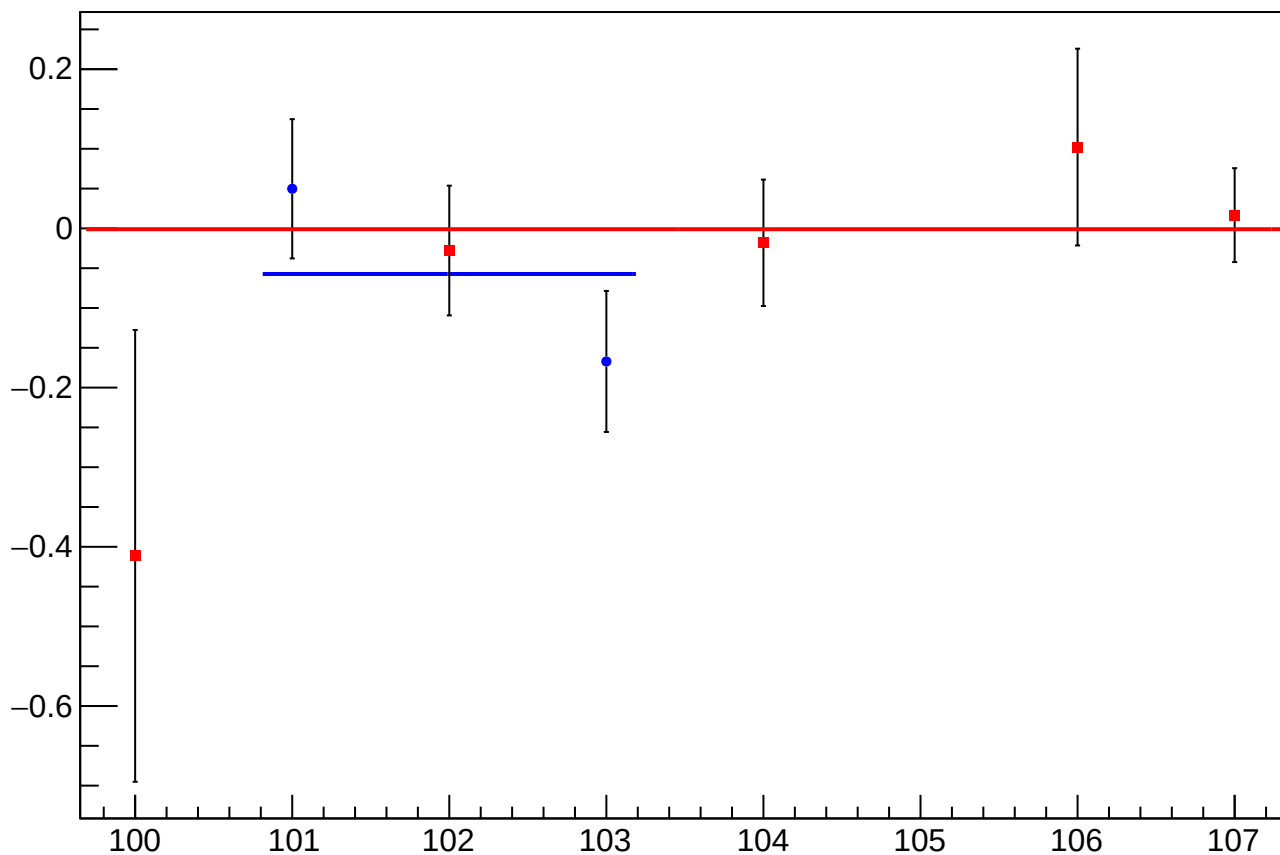
asym_sam1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 69.567+/-0.044 χ^2/NDF : 322.3/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 46.715+/-0.027 χ^2/NDF : 376100.1/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 53.038+/-0.023 χ^2/NDF : 571357.3/6
 In: 69.567+/-0.044 χ^2/NDF : 322.3/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 53.038+/-0.023 χ^2/NDF : 571357.3/6

asym_sam1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.057+/-0.062 χ^2 /NDF: 3.0/1

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

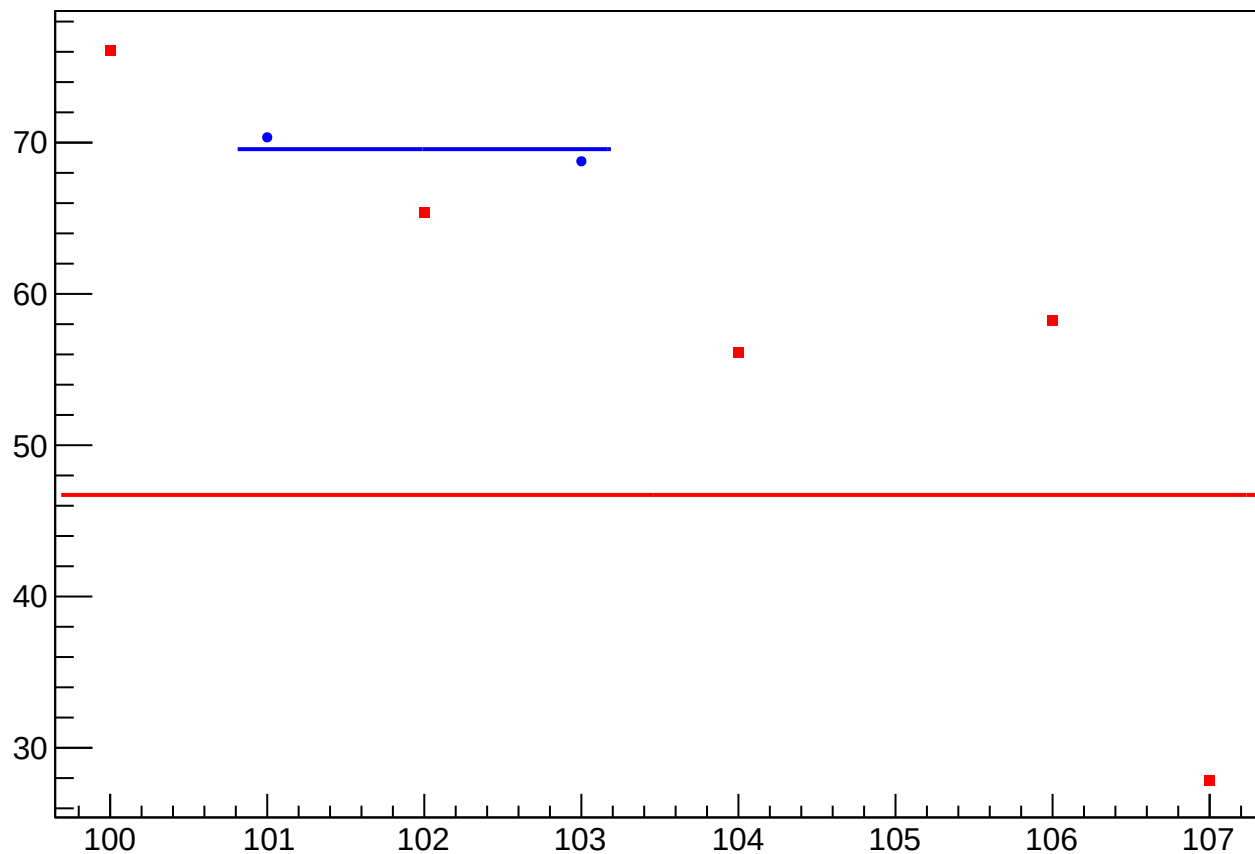
Right: -0.017+/-0.033 χ^2 /NDF: 6.7/6

In: -0.057+/-0.062 χ^2 /NDF:3.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.017+/-0.033 χ^2 /NDF: 6.7/6

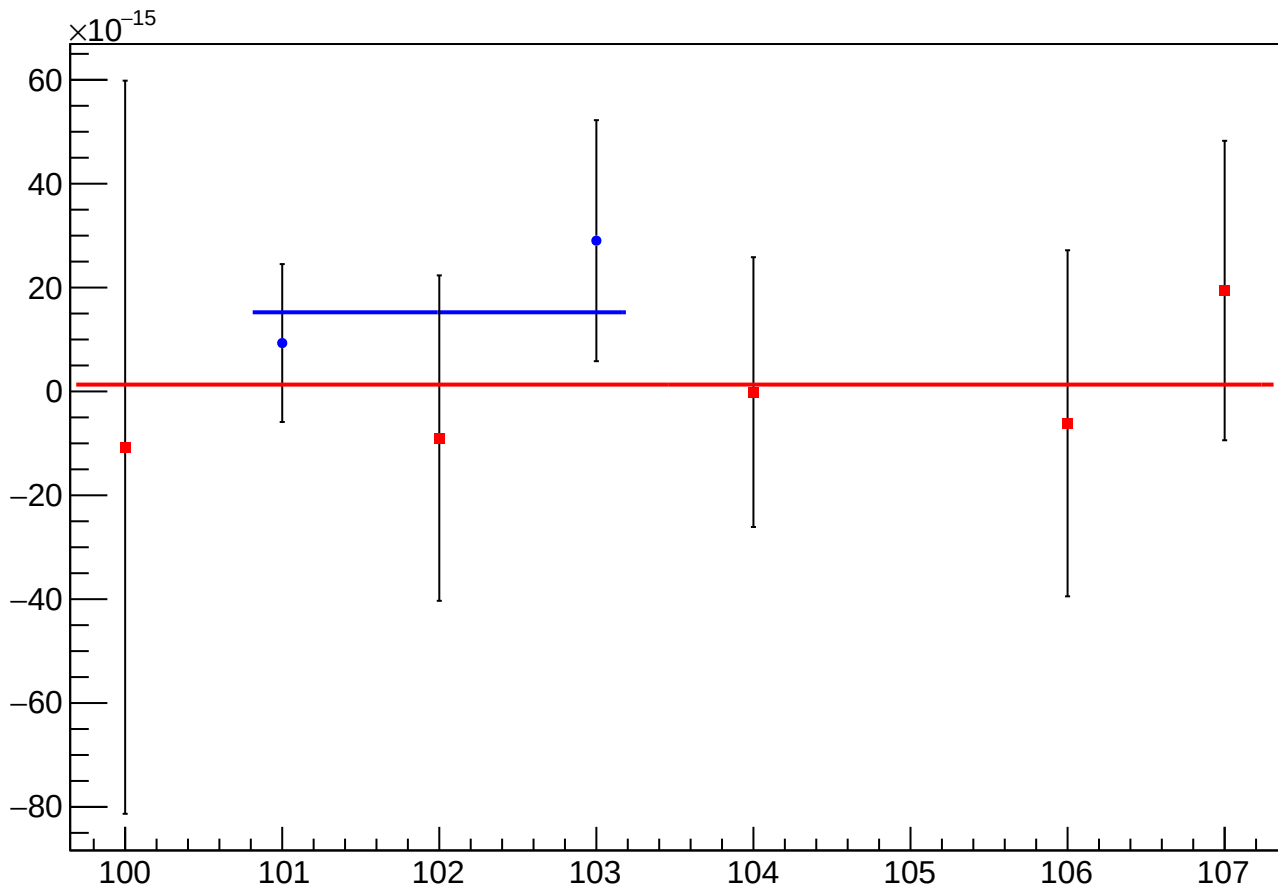
asym_sam1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 69.567 ± 0.044 $\chi^2/\text{NDF}: 322.3/1$
 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: 53.038 ± 0.023 $\chi^2/\text{NDF}: 571357.3/6$
 In: 69.567 ± 0.044 $\chi^2/\text{NDF}: 322.3/1$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 53.038 ± 0.023 $\chi^2/\text{NDF}: 571357.3/6$

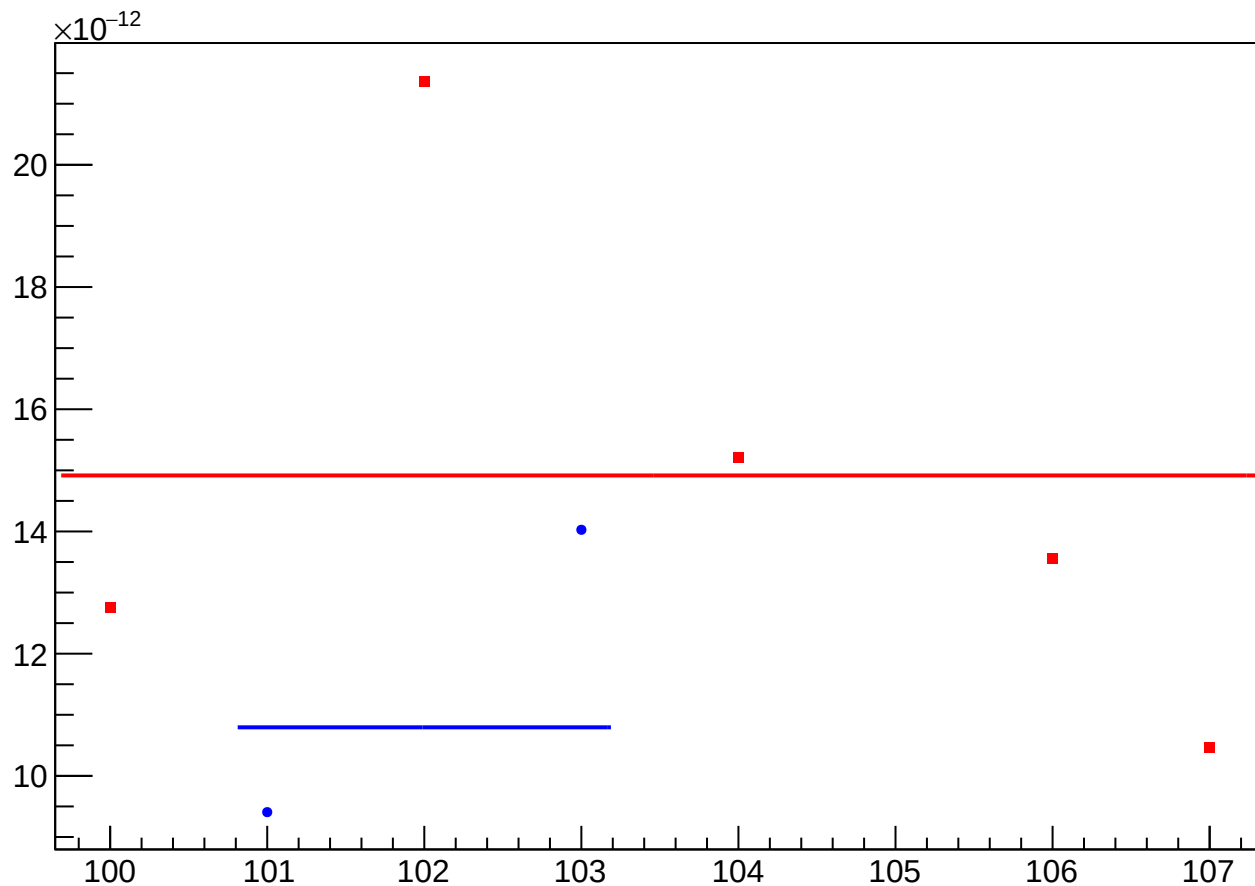
asym_sam1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.5/1
 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 : 1.6/6
 In: 0.000+/-0.000 χ^2/NDF : 0.5/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 1.6/6

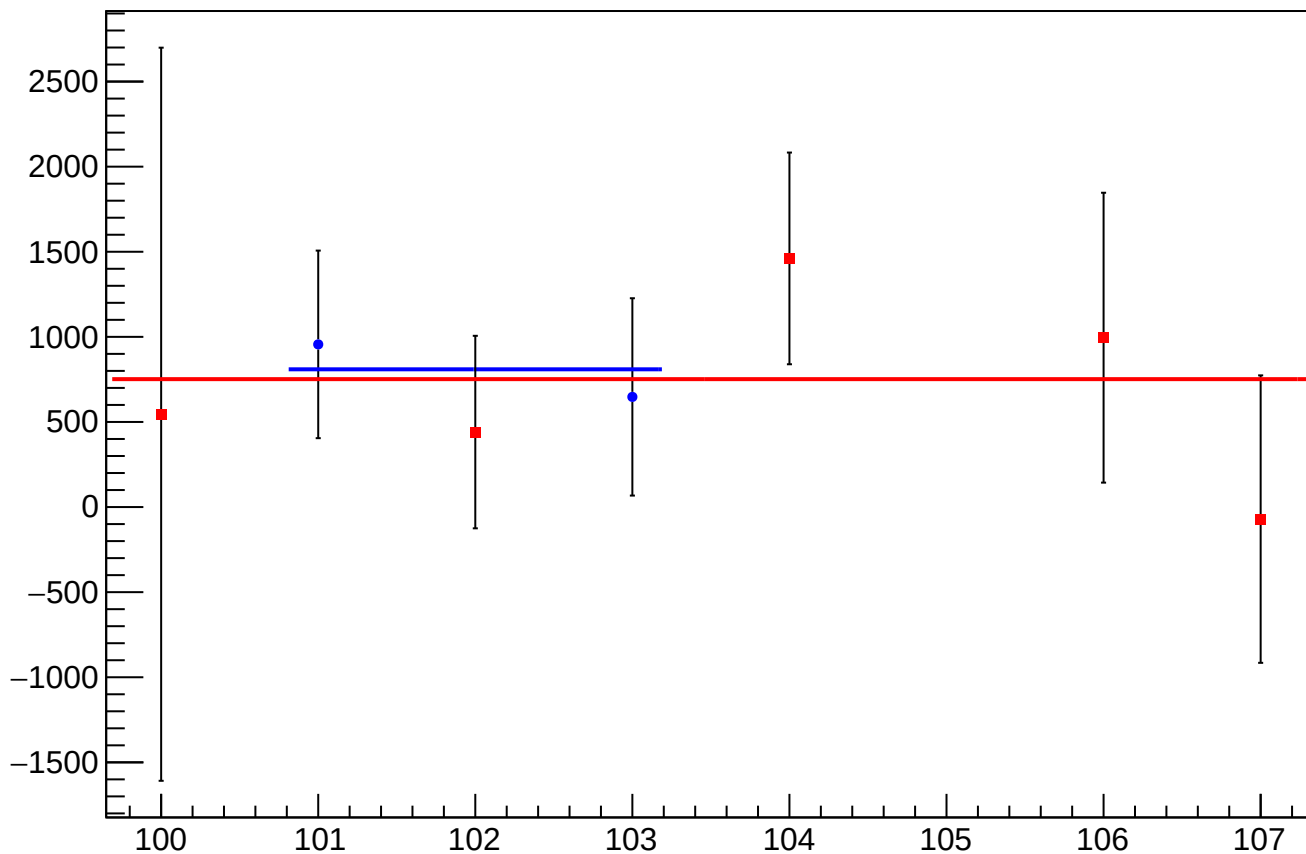
asym_sam1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 55483.8/1
 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 : 285299.9/6
 In: 0.000+/-0.000 χ^2/NDF : 55483.8/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 285299.9/6

reg_asym_sam2_mean vs Slug, Sign Corrected



Right In: 809.306+/-399.392 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 751.555+/-338.870 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

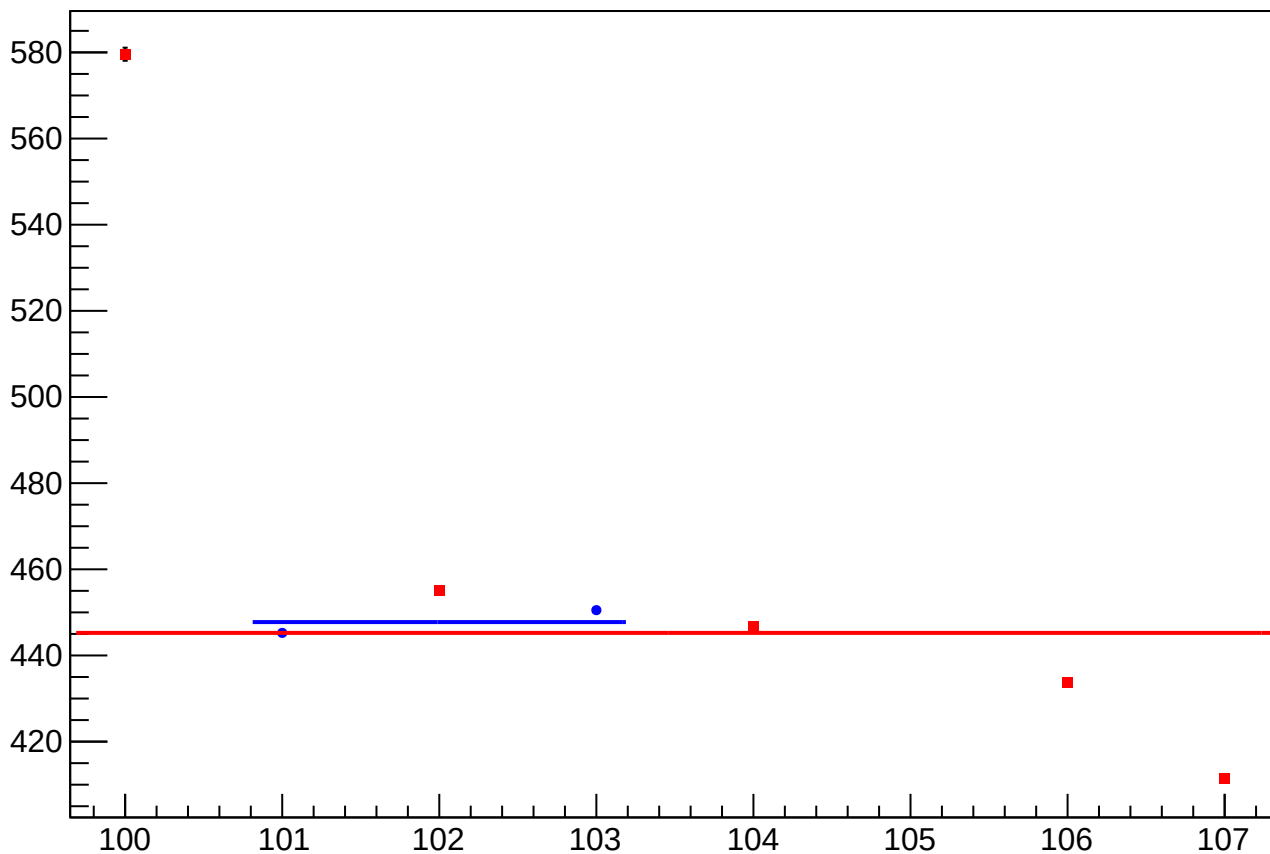
Right: 775.727+/-258.394 χ^2/NDF : 2.8/6

In: 809.306+/-399.392 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 775.727+/-258.394 χ^2/NDF : 2.8/6

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 447.749+/-0.282 χ^2/NDF : 87.1/1

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

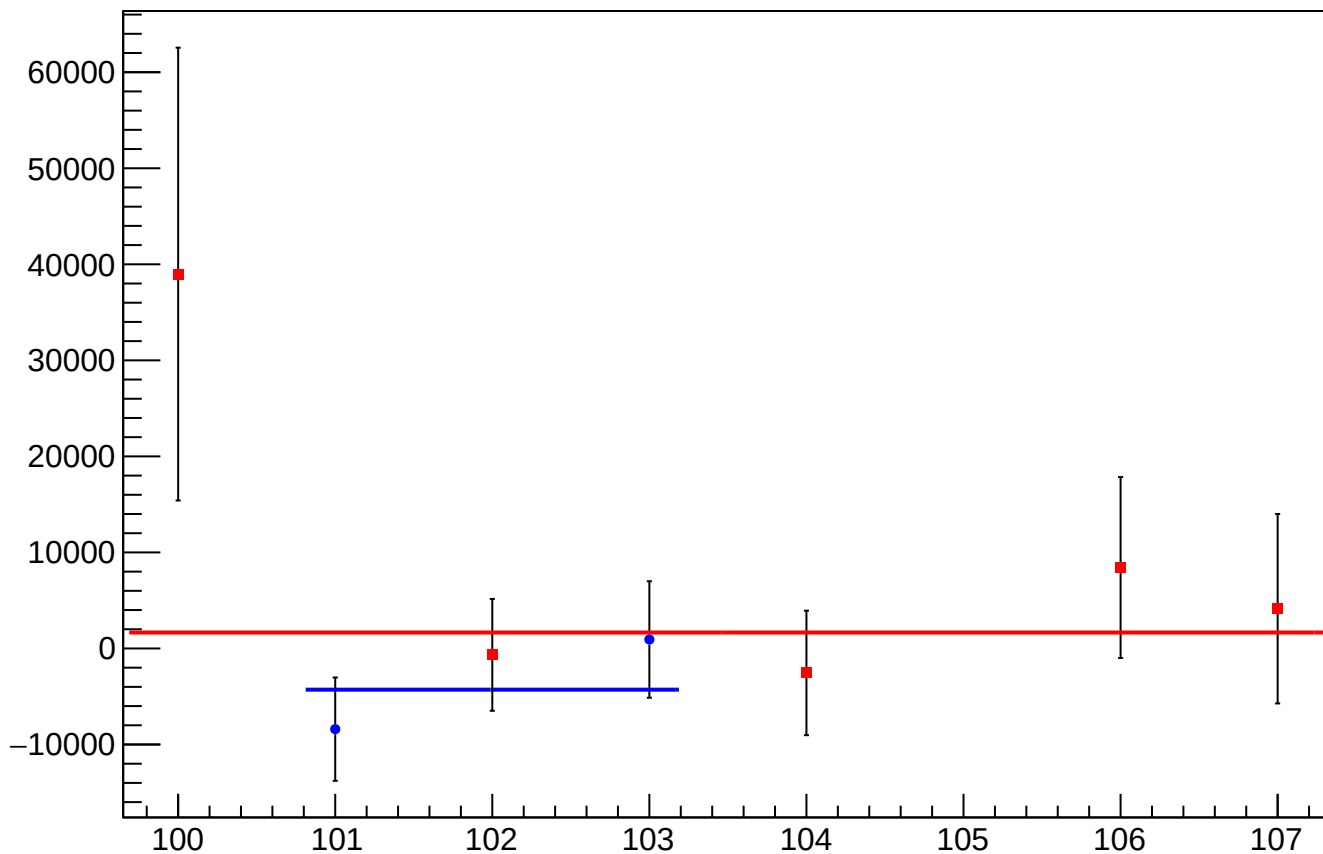
Right: 446.290+/-0.183 χ^2/NDF : 12070.0/6

In: 447.749+/-0.282 χ^2/NDF : 87.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 446.290+/-0.183 χ^2/NDF : 12070.0/6

asym_sam2_reg_correction_mean vs Slug, Sign Corrected



Right In: -4291.021+/-4025.127 χ^2/NDF : 1.3/1

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

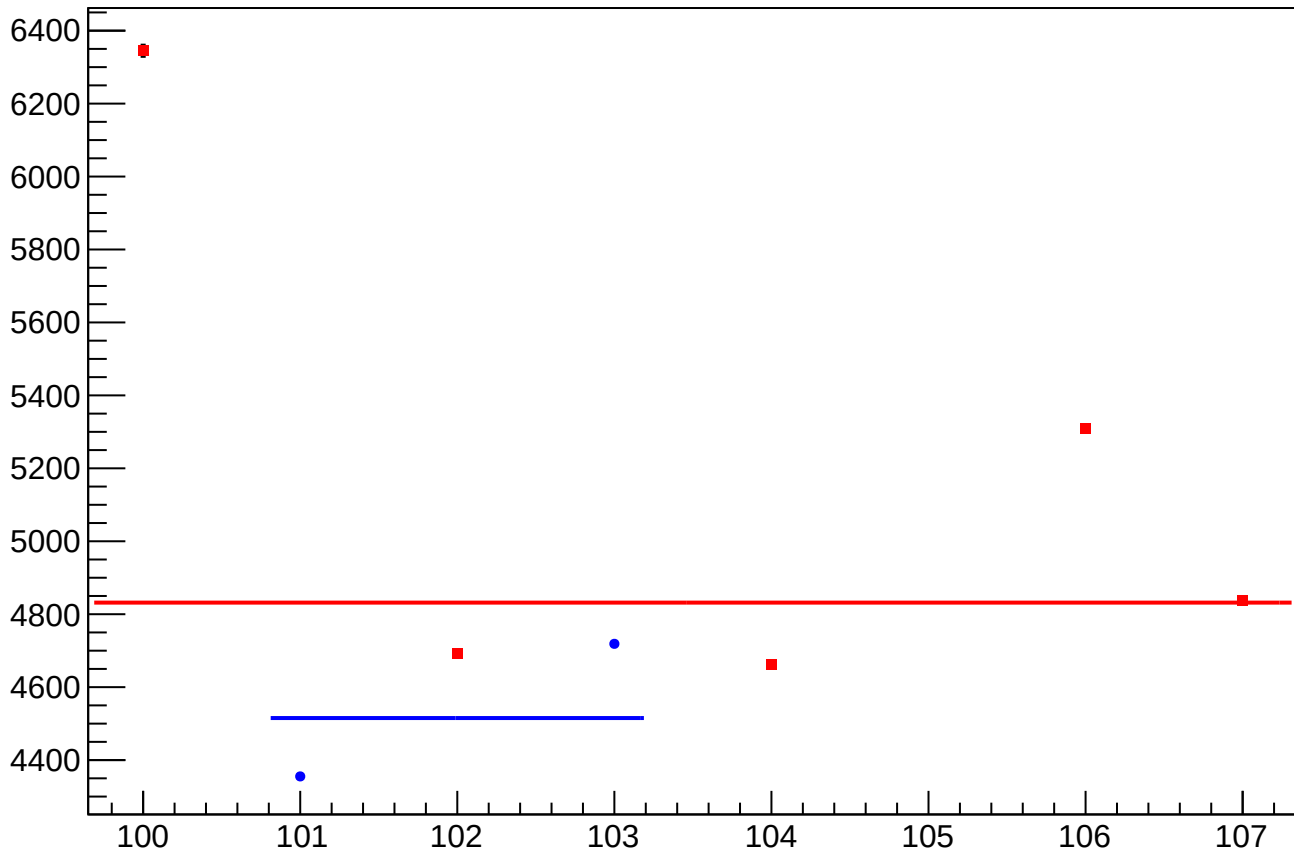
Right: -993.873+/-2688.497 χ^2/NDF : 6.2/6

In: -4291.021+/-4025.127 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -993.873+/-2688.497 χ^2/NDF : 6.2/6

asym_sam2_reg_correction_rms vs Slug, Sign Corrected



Right In: 4515.299+/-2.846 χ^2/NDF : 4020.2/1

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

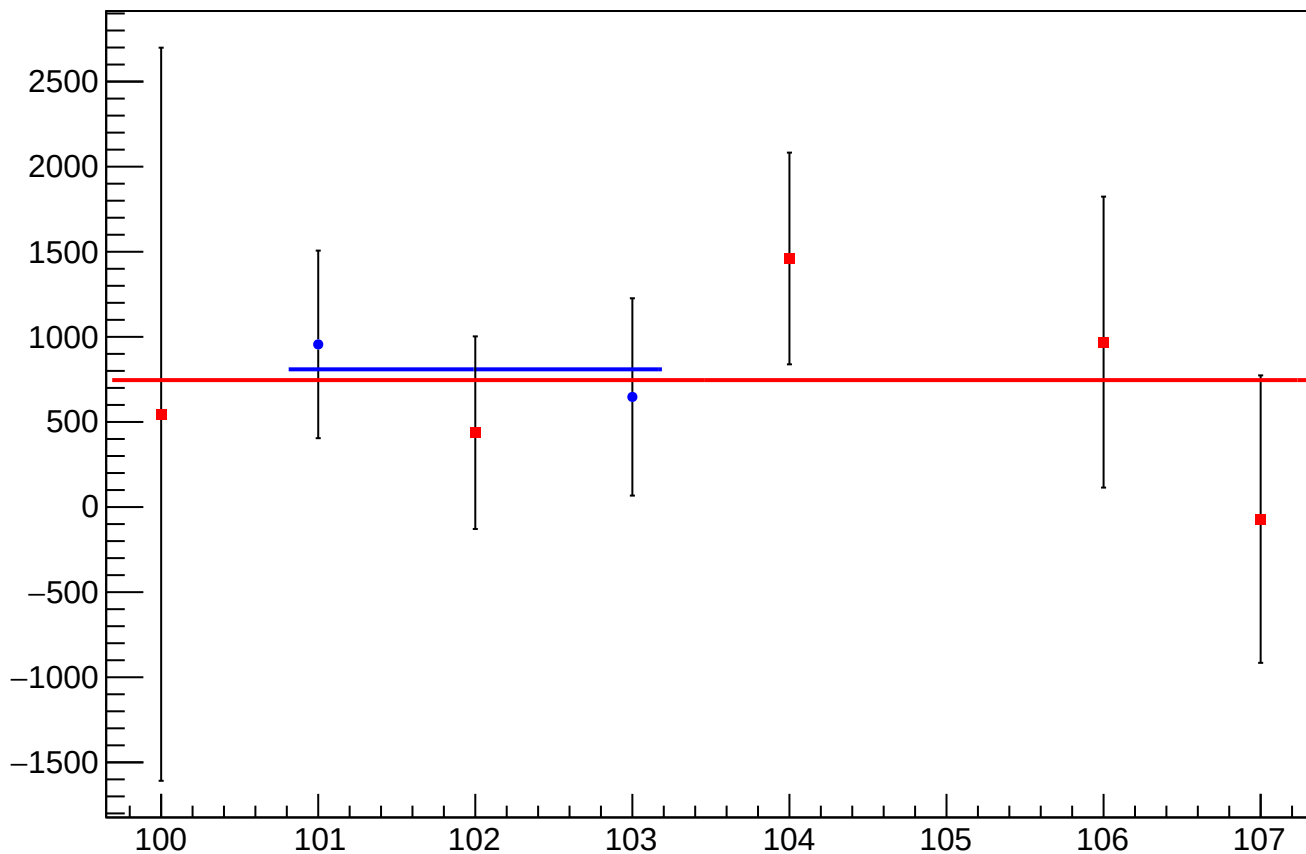
Right: 4690.602+/-1.901 χ^2/NDF : 26794.7/6

In: 4515.299+/-2.846 χ^2/NDF : 4020.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4690.602+/-1.901 χ^2/NDF : 26794.7/6

cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 809.236+/-399.392 χ^2/NDF : 0.1/1

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

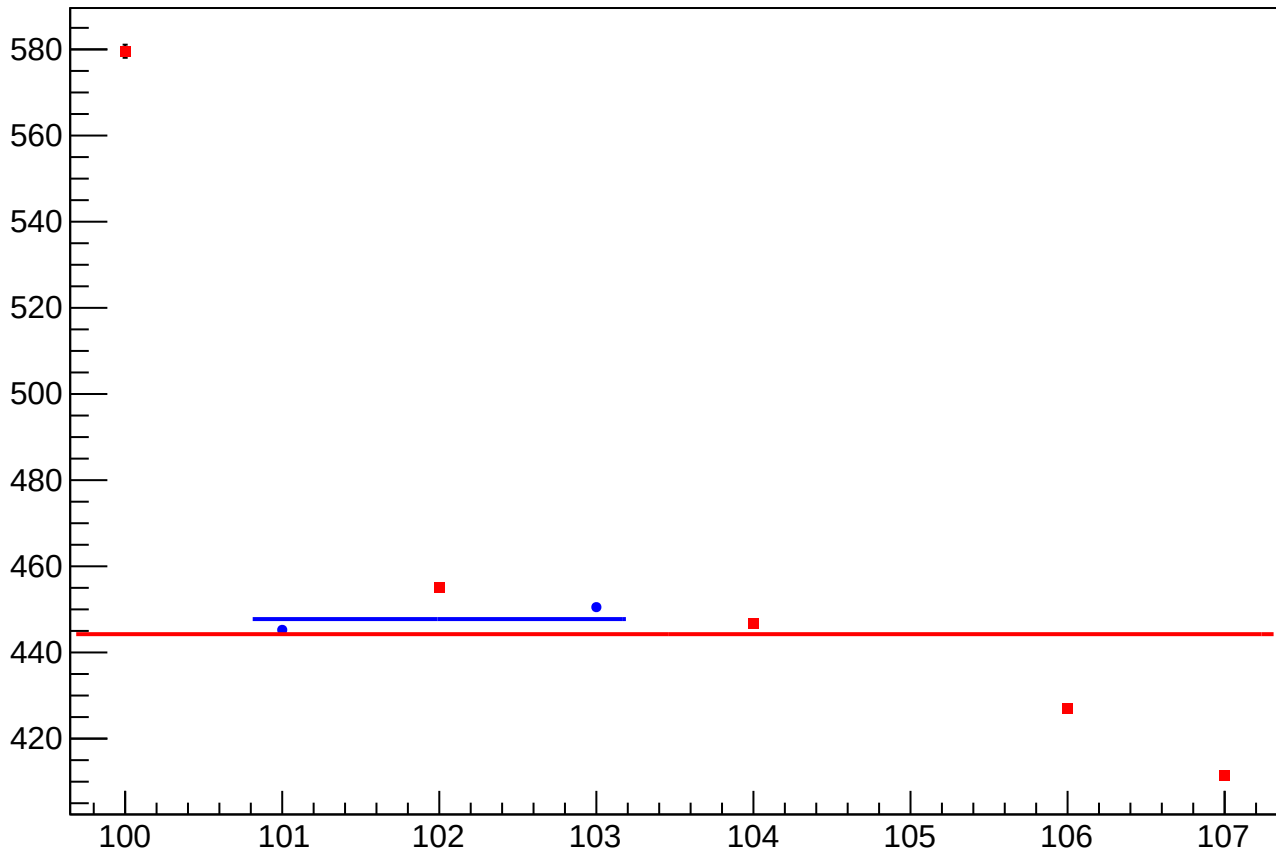
Right: 772.433+/-258.506 χ^2/NDF : 2.8/6

In: 809.236+/-399.392 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 772.433+/-258.506 χ^2/NDF : 2.8/6

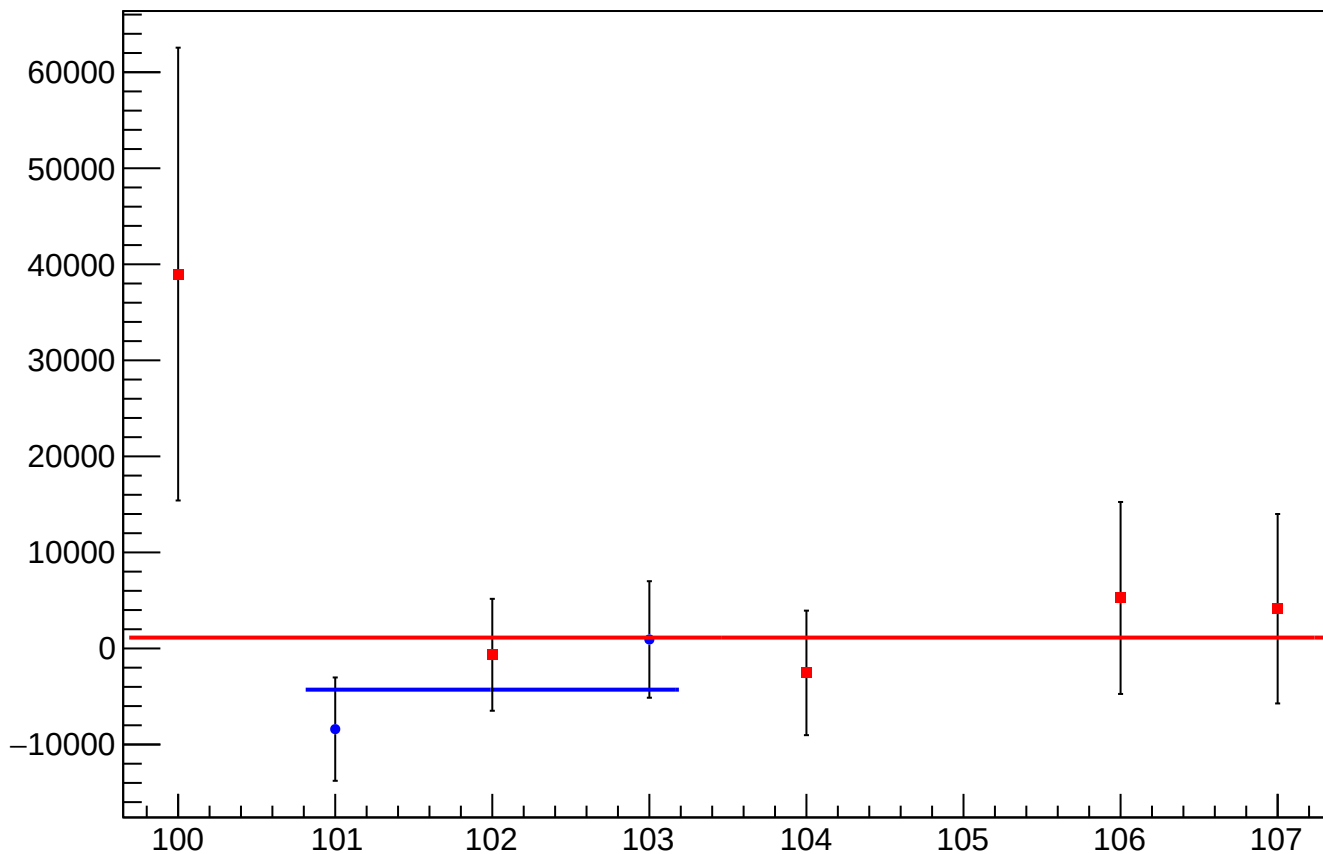
cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 447.750 ± 0.282 $\chi^2/\text{NDF}: 87.2/1$
Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
Right Out: 444.248 ± 0.240 $\chi^2/\text{NDF}: 12494.5/4$
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: 445.715 ± 0.183 $\chi^2/\text{NDF}: 12671.0/6$
In: 447.750 ± 0.282 $\chi^2/\text{NDF}: 87.2/1$
Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
All: 445.715 ± 0.183 $\chi^2/\text{NDF}: 12671.0/6$

asym_sam2_cor_correction_mean vs Slug, Sign Corrected



Right In: -4290.354+/-4025.196 χ^2/NDF : 1.3/1

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

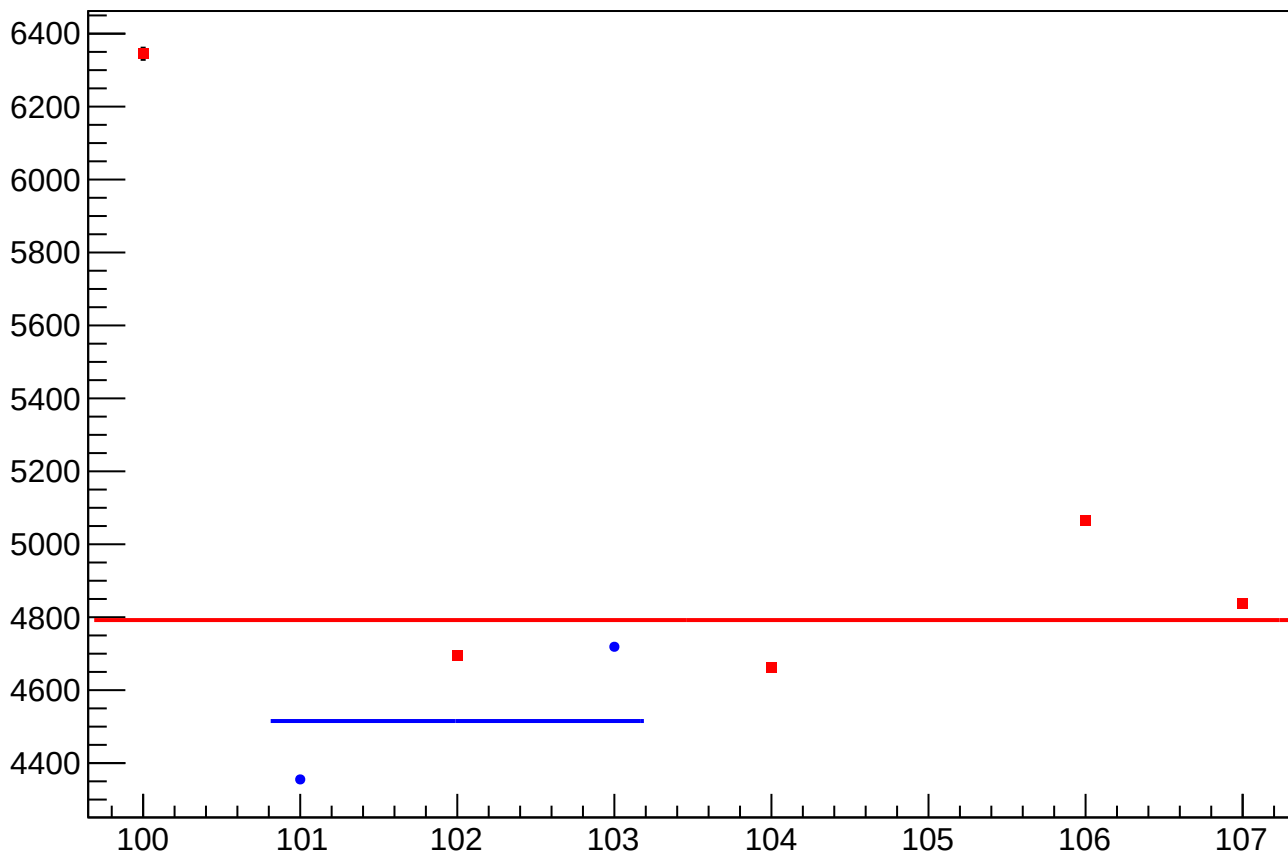
Right: -1309.662+/-2701.105 χ^2/NDF : 5.6/6

In: -4290.354+/-4025.196 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1309.662+/-2701.105 χ^2/NDF : 5.6/6

asym_sam2_cor_correction_rms vs Slug, Sign Corrected



Right In: 4515.370+/-2.846 χ^2/NDF : 4023.5/1

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

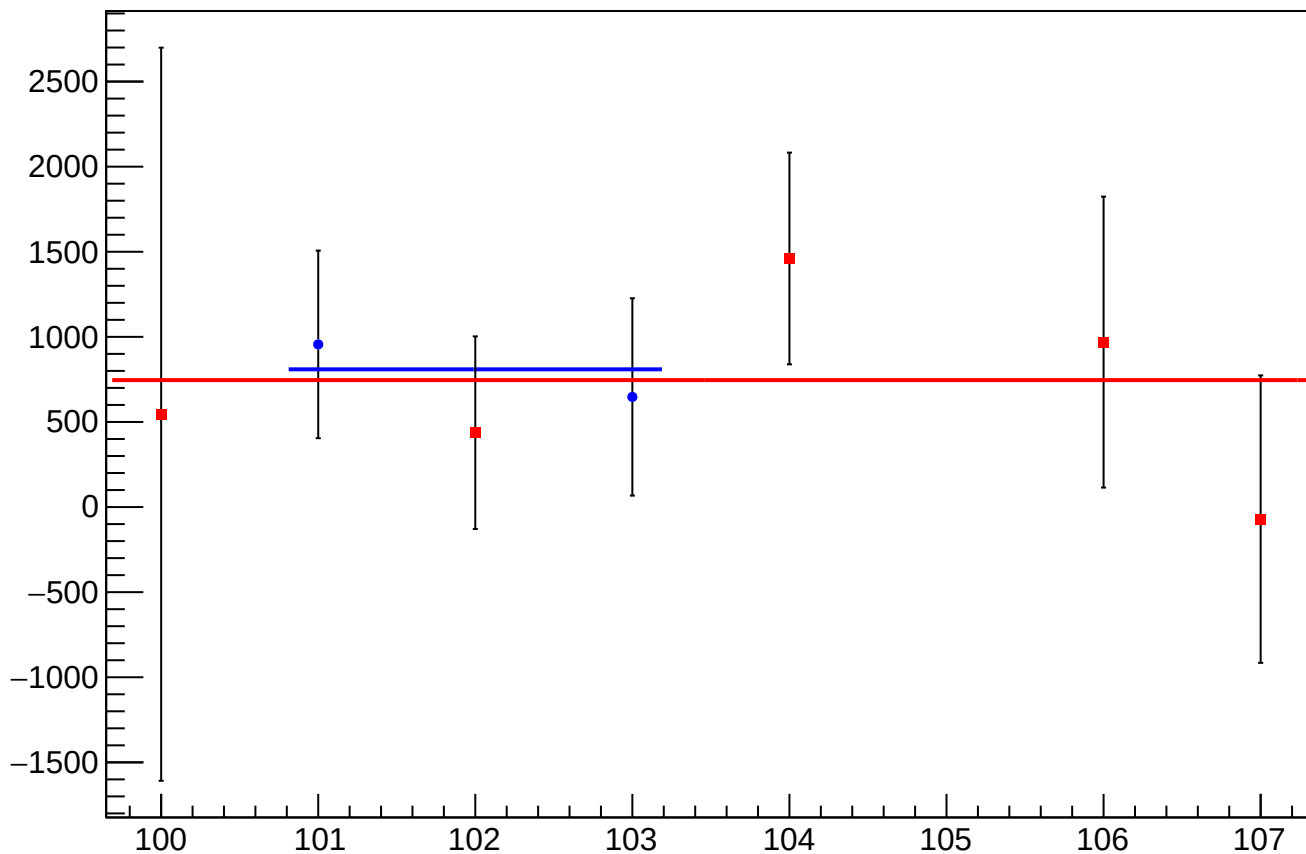
Right: 4667.522+/-1.910 χ^2/NDF : 20795.5/6

In: 4515.370+/-2.846 χ^2/NDF : 4023.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4667.522+/-1.910 χ^2/NDF : 20795.5/6

eigen_cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 809.236+/-399.392 χ^2/NDF : 0.1/1

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

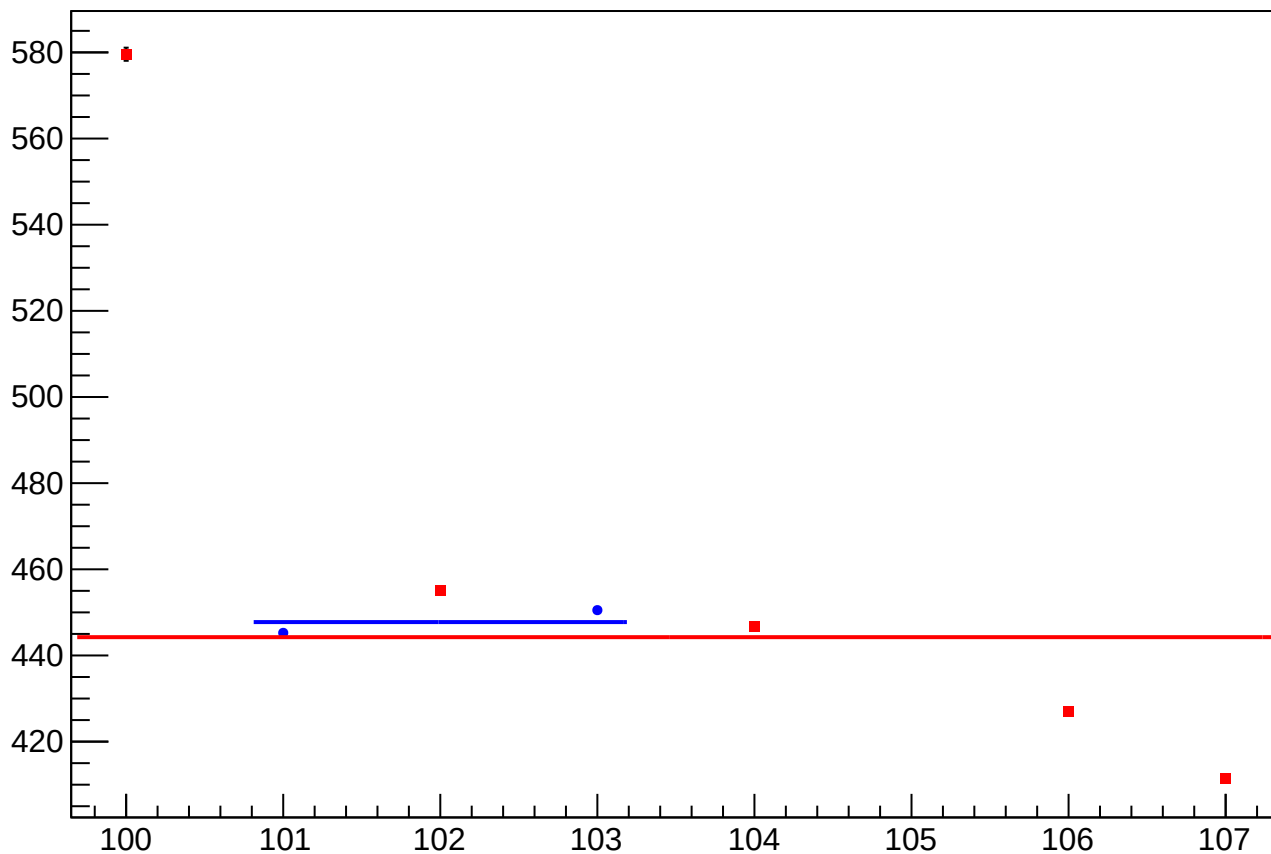
Right: 772.433+/-258.506 χ^2/NDF : 2.8/6

In: 809.236+/-399.392 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 772.433+/-258.506 χ^2/NDF : 2.8/6

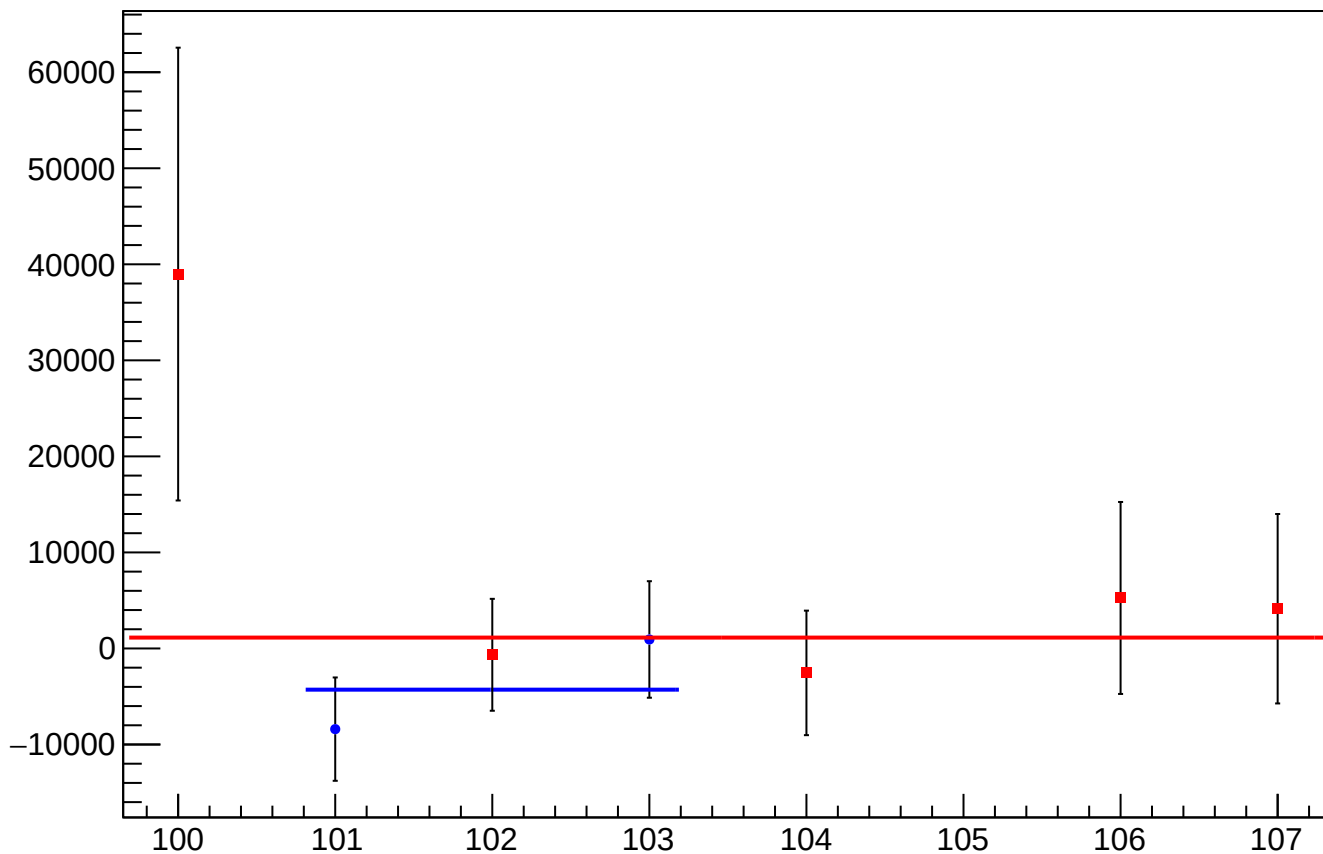
eigen_cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 447.750 $\pm$ 0.282 χ^2 /NDF: 87.2/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 444.248 $\pm$ 0.240 χ^2 /NDF: 12494.5/4
 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: 445.715 $\pm$ 0.183 χ^2 /NDF: 12671.0/6
 In: 447.750 $\pm$ 0.282 χ^2 /NDF:87.2/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 445.715 $\pm$ 0.183 χ^2 /NDF: 12671.0/6

asym_sam2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -4290.354+/-4025.196 χ^2/NDF : 1.3/1

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

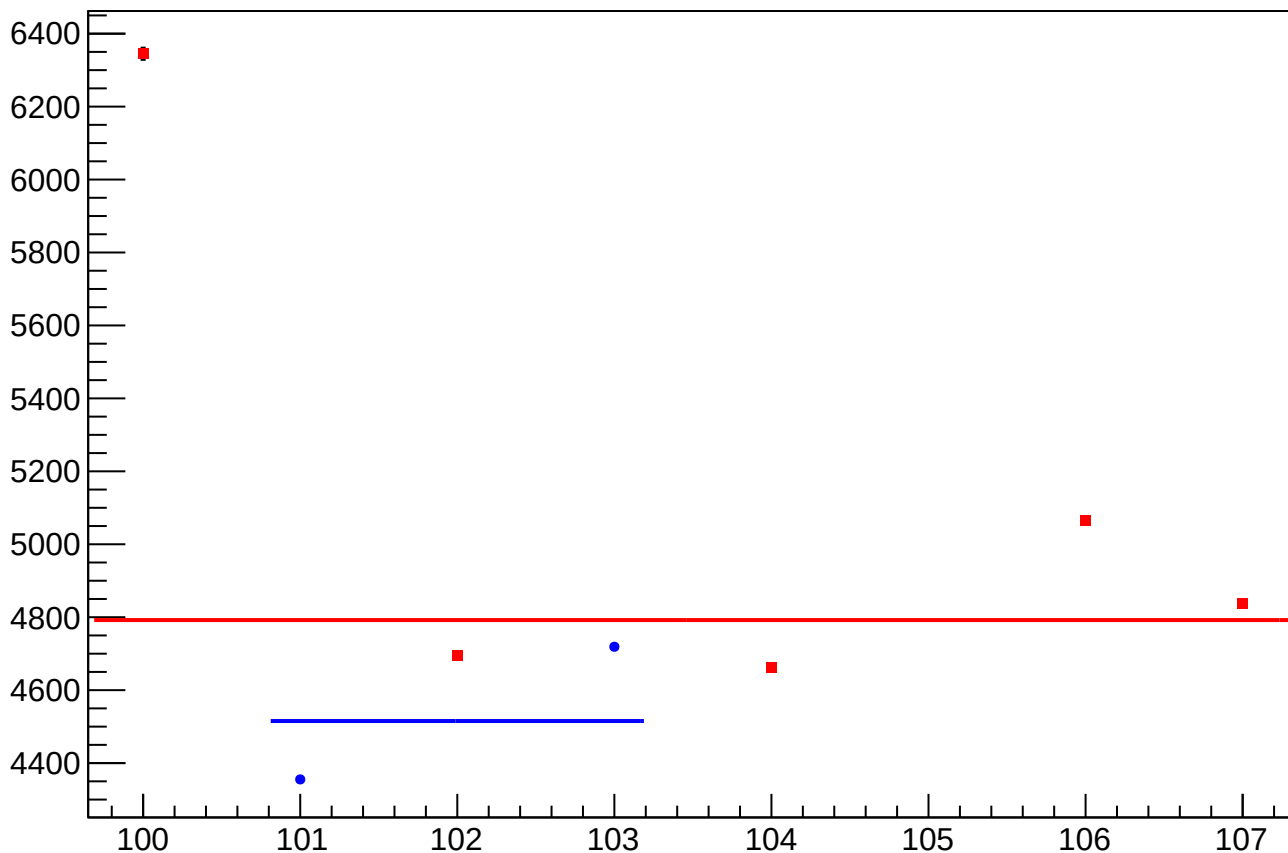
Right: -1309.662+/-2701.105 χ^2/NDF : 5.6/6

In: -4290.354+/-4025.196 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1309.662+/-2701.105 χ^2/NDF : 5.6/6

asym_sam2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4515.370+/-2.846 χ^2/NDF : 4023.5/1

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

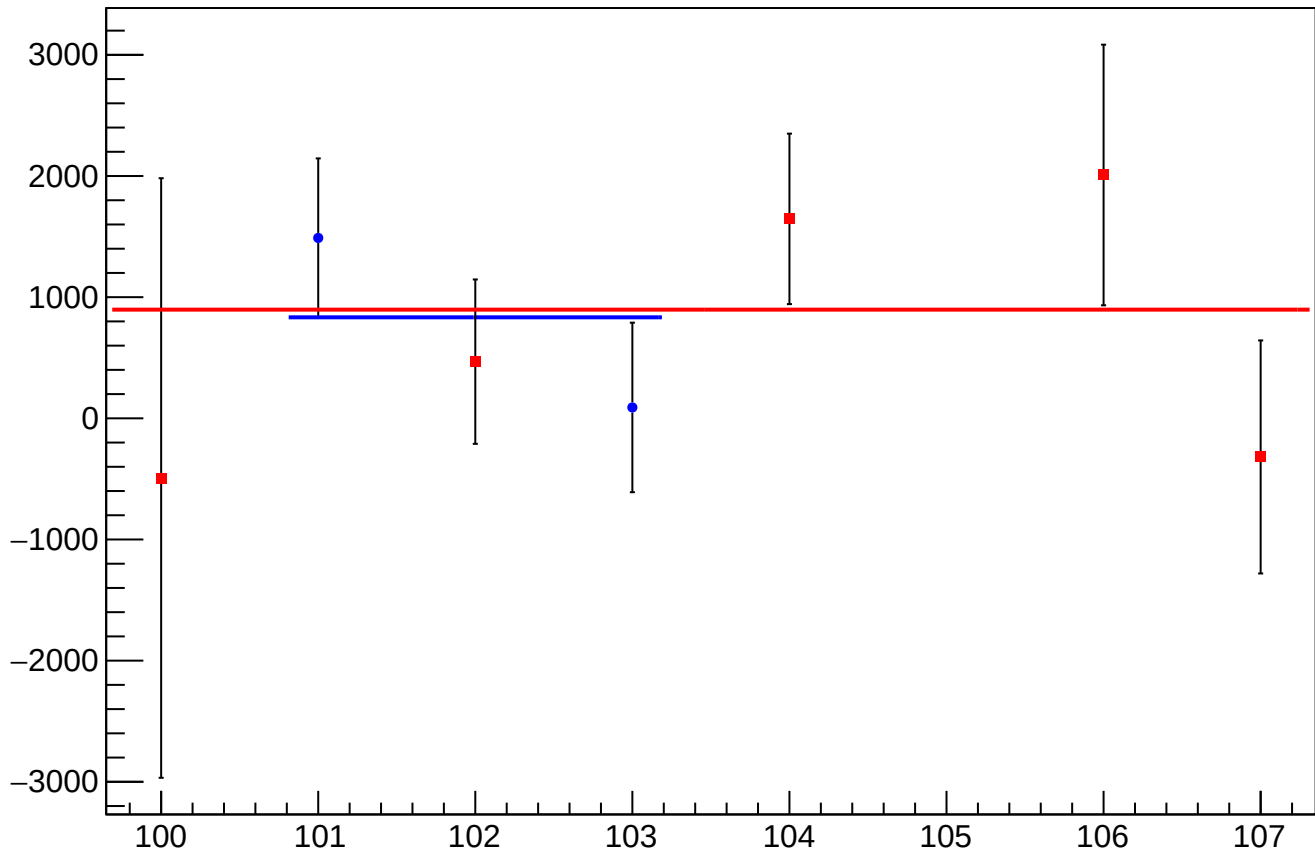
Right: 4667.522+/-1.910 χ^2/NDF : 20795.5/6

In: 4515.370+/-2.846 χ^2/NDF : 4023.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4667.522+/-1.910 χ^2/NDF : 20795.5/6

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 833.715+/-478.782 χ^2/NDF : 2.1/1

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

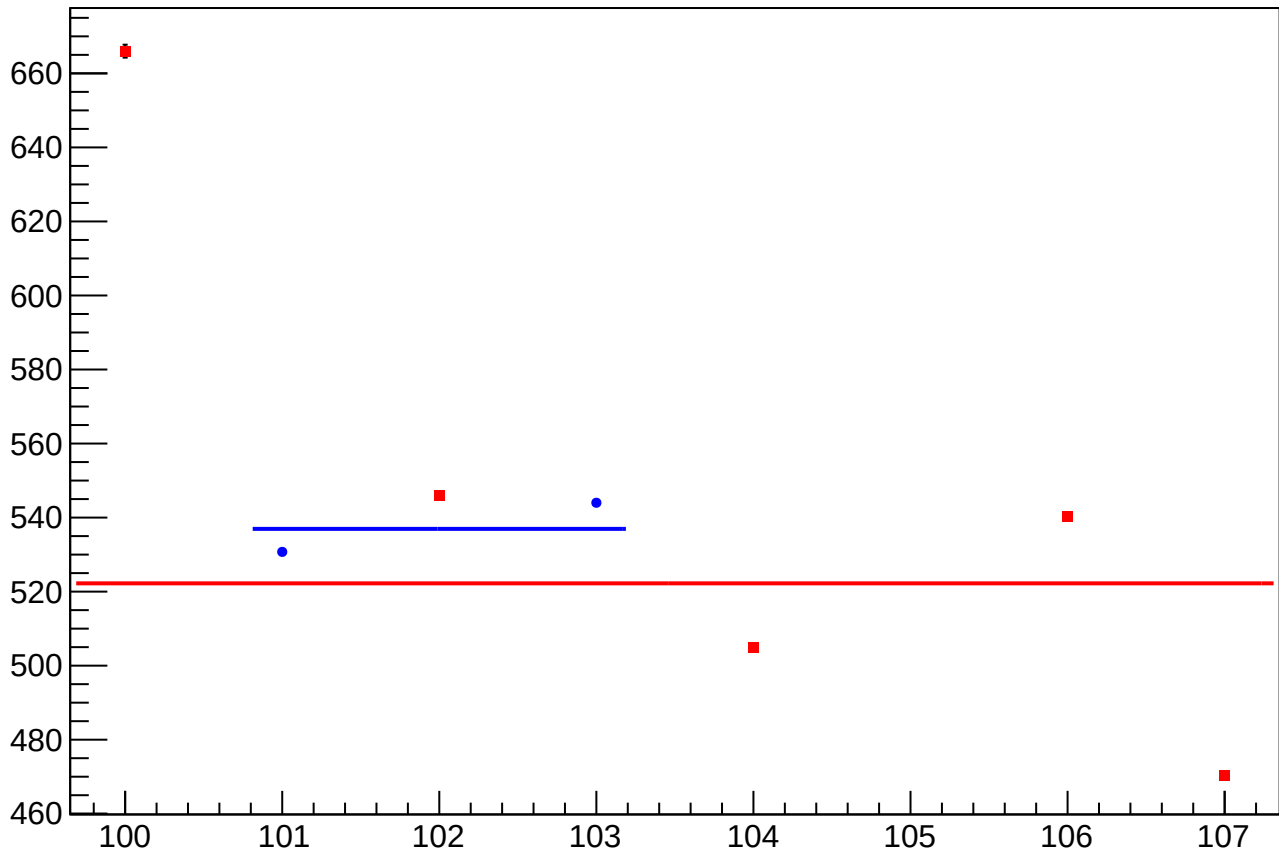
Right: 871.182+/-306.218 χ^2/NDF : 6.7/6

In: 833.715+/-478.782 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 871.182+/-306.218 χ^2/NDF : 6.7/6

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 536.950 $\pm$ 0.339 χ^2 /NDF: 382.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 522.237 $\pm$ 0.282 χ^2 /NDF: 16800.5/4

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

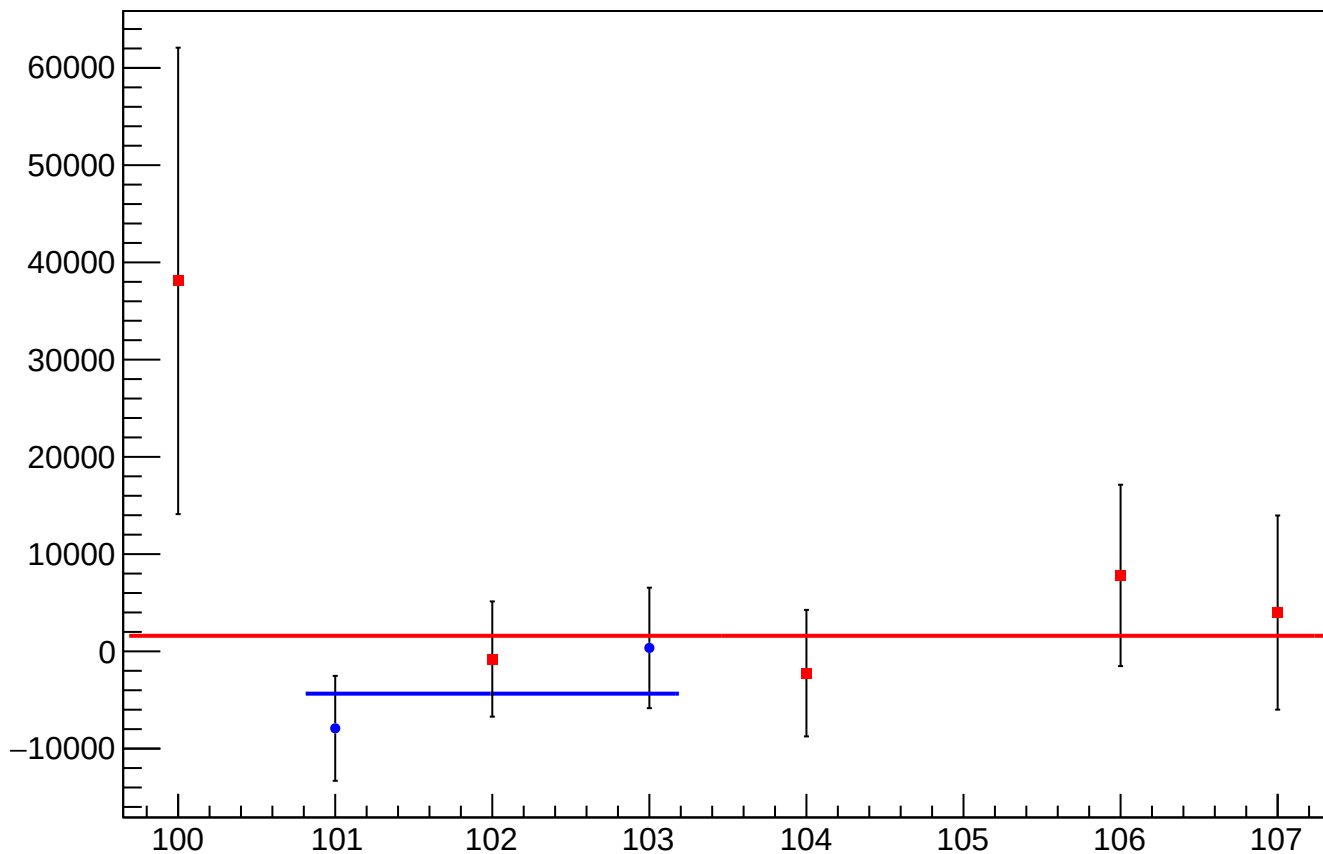
Right: 528.256 $\pm$ 0.217 χ^2 /NDF: 18299.1/6

In: 536.950 $\pm$ 0.339 χ^2 /NDF:382.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 528.256 $\pm$ 0.217 χ^2 /NDF: 18299.1/6

asym_sam2_dit_correction_mean vs Slug, Sign Corrected



Right In: -4349.675+/-4069.105 χ^2/NDF : 1.0/1

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

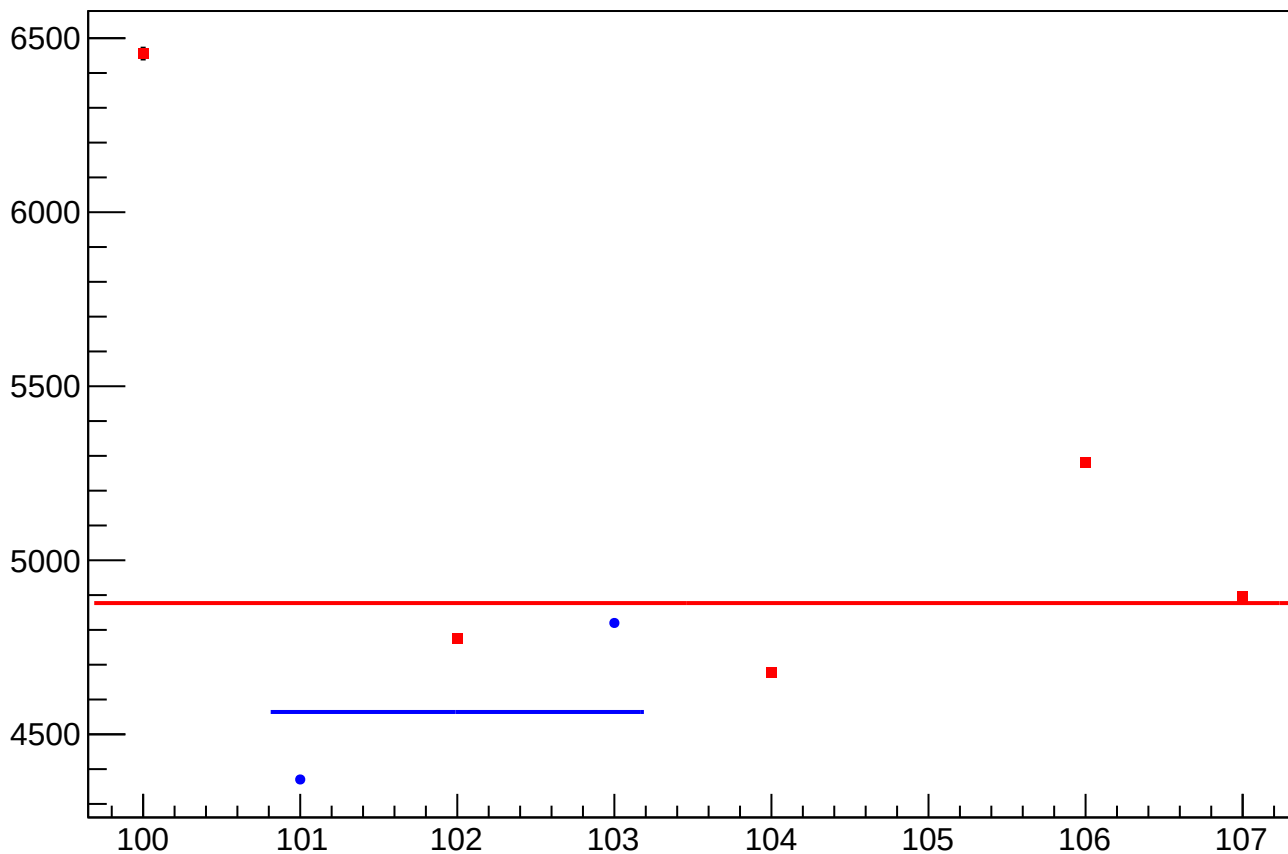
Right: -1046.840+/-2713.900 χ^2/NDF : 5.5/6

In: -4349.675+/-4069.105 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1046.840+/-2713.900 χ^2/NDF : 5.5/6

asym_sam2_dit_correction_rms vs Slug, Sign Corrected



Right In: 4564.196+/-2.877 χ^2/NDF : 5990.6/1

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

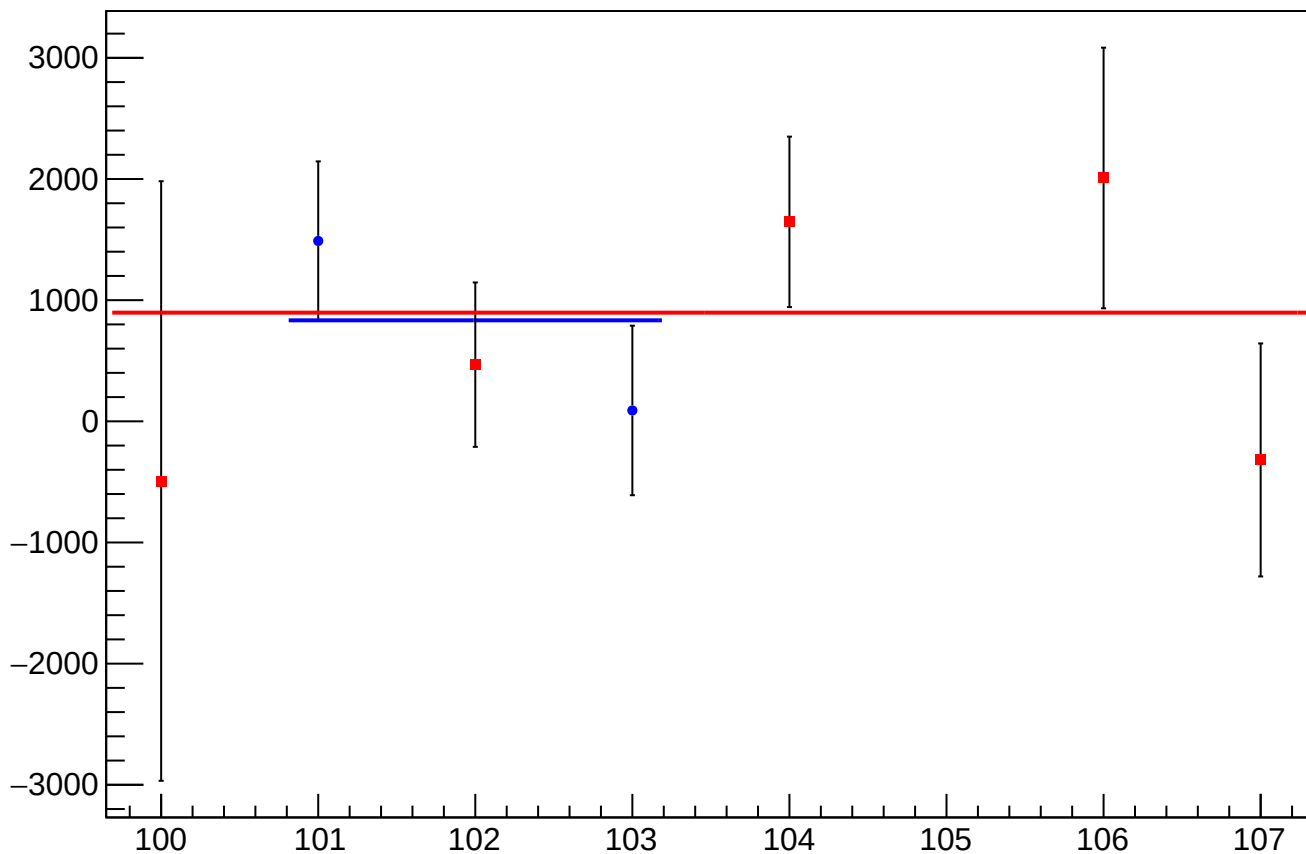
Right: 4737.889+/-1.919 χ^2/NDF : 27467.9/6

In: 4564.196+/-2.877 χ^2/NDF : 5990.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4737.889+/-1.919 χ^2/NDF : 27467.9/6

eigen_dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 833.705+/-478.781 χ^2/NDF : 2.1/1

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

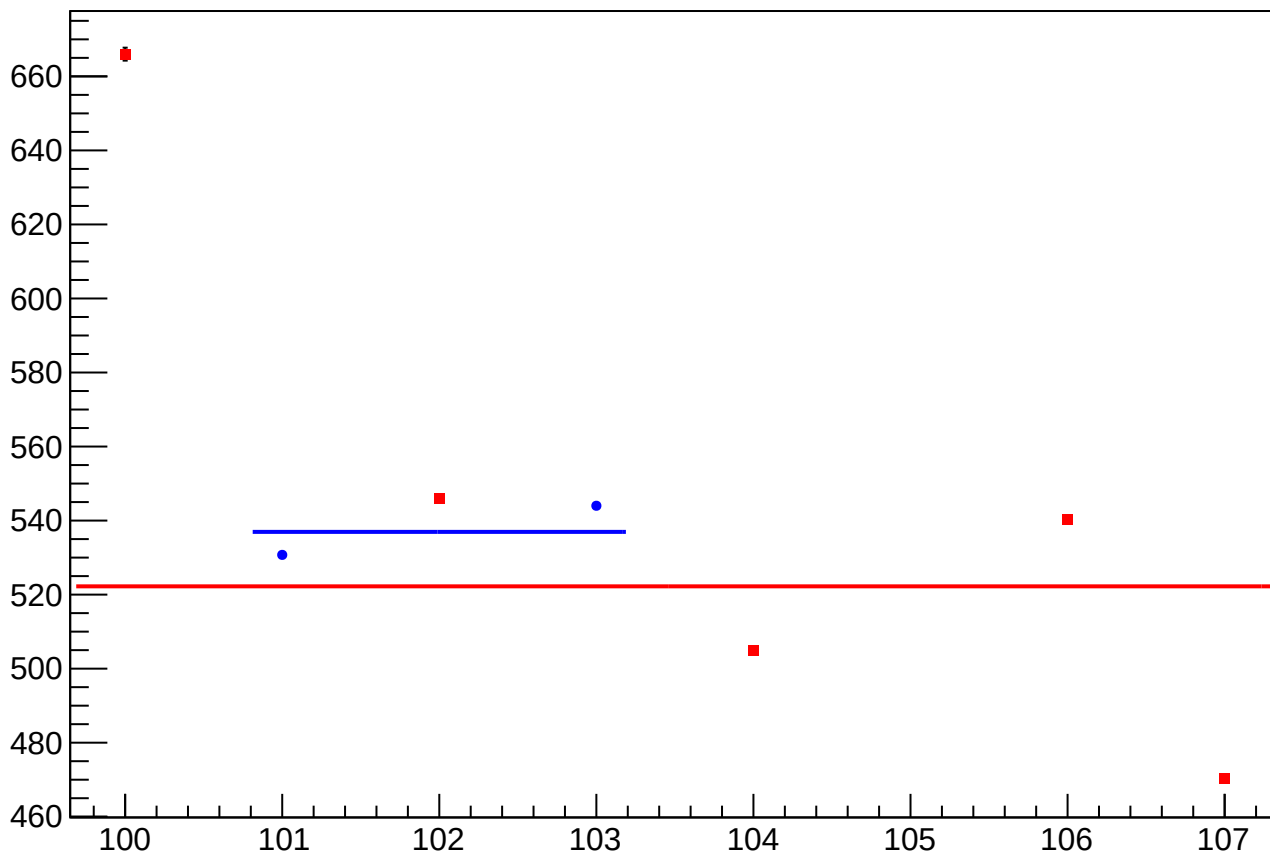
Right: 871.181+/-306.217 χ^2/NDF : 6.7/6

In: 833.705+/-478.781 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 871.181+/-306.217 χ^2/NDF : 6.7/6

eigen_dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 536.948 $\pm$ 0.339 χ^2 /NDF: 382.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 522.236 $\pm$ 0.282 χ^2 /NDF: 16800.0/4

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

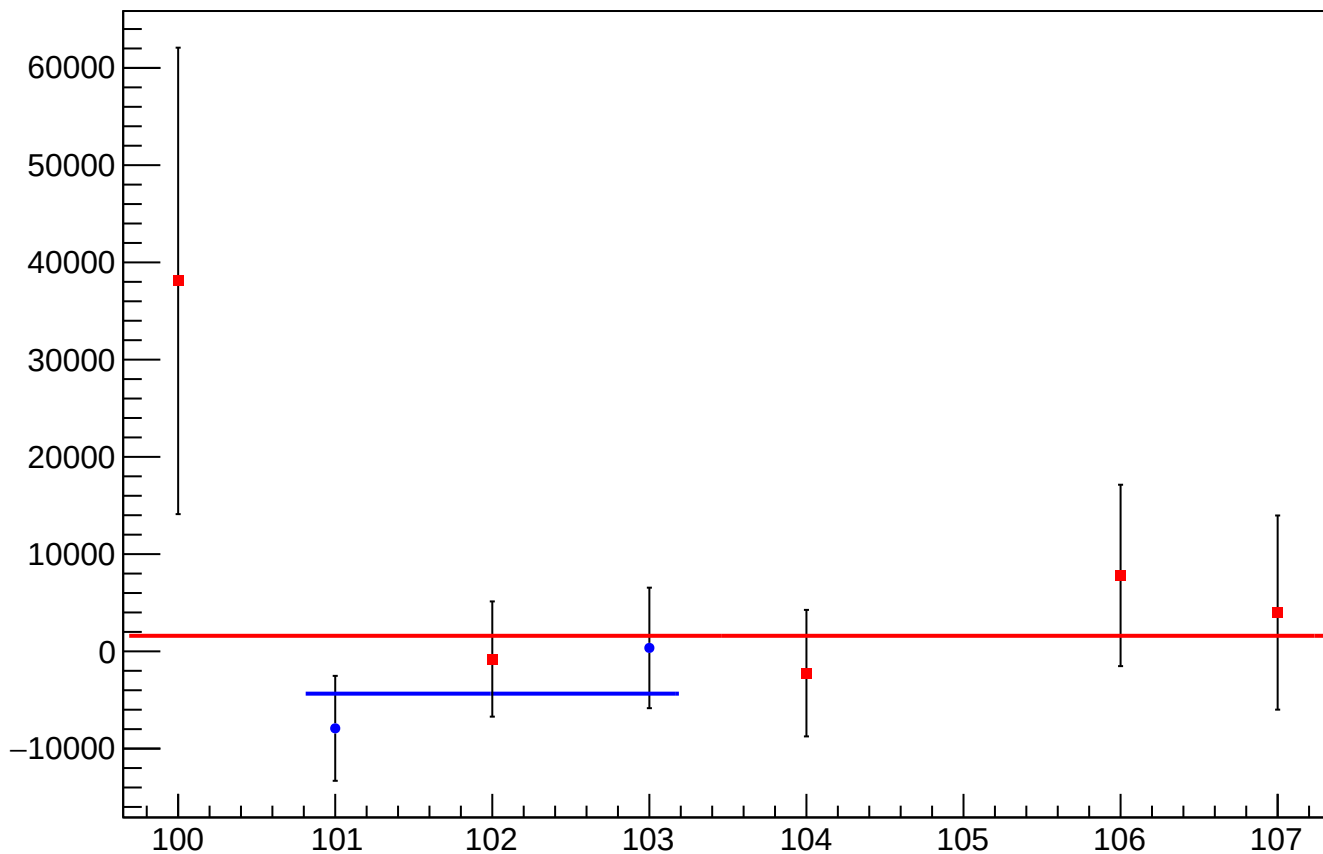
Right: 528.254 $\pm$ 0.217 χ^2 /NDF: 18298.4/6

In: 536.948 $\pm$ 0.339 χ^2 /NDF:382.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 528.254 $\pm$ 0.217 χ^2 /NDF: 18298.4/6

asym_sam2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -4349.673 $\pm$ 4069.097 χ^2 /NDF: 1.0/1

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

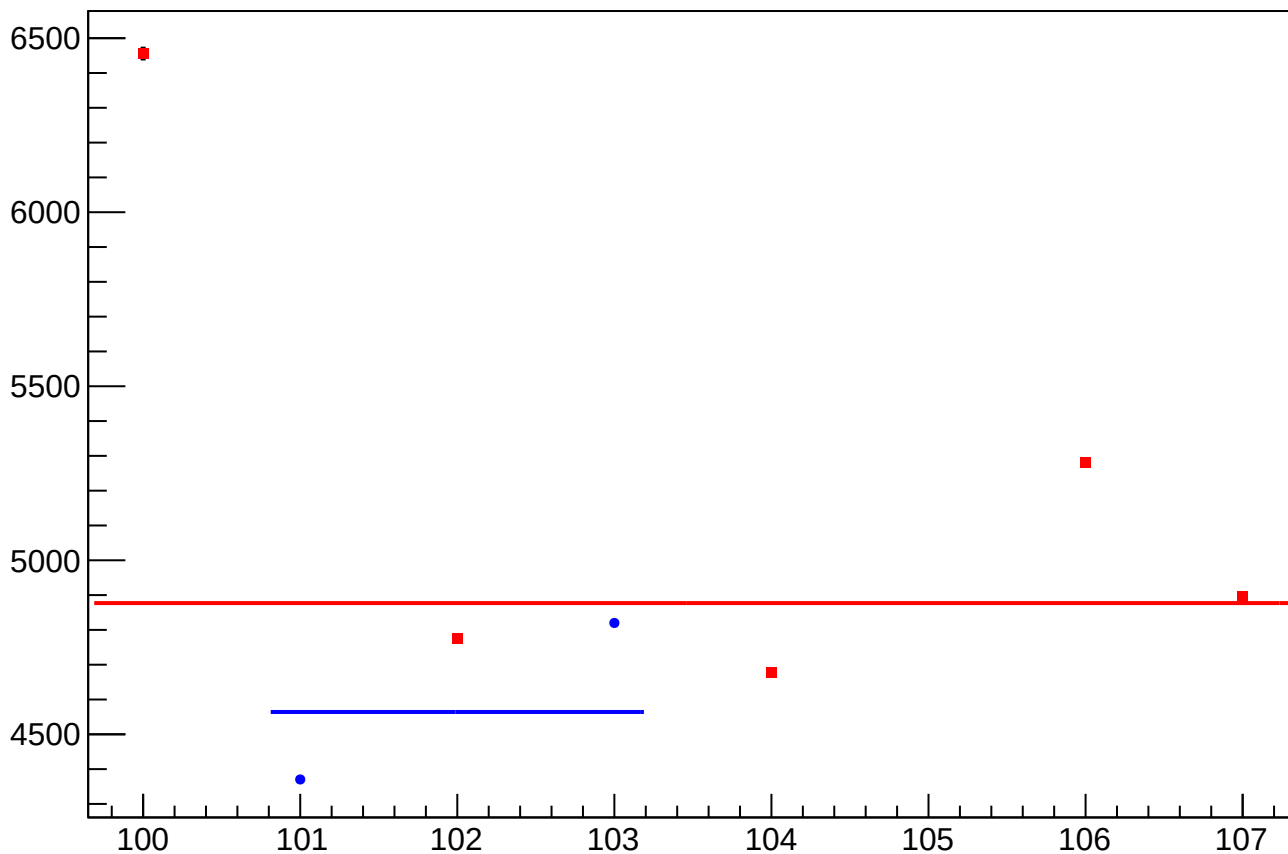
Right: -1046.843 $\pm$ 2713.894 χ^2 /NDF: 5.5/6

In: -4349.673 $\pm$ 4069.097 χ^2 /NDF: 1.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1046.843 $\pm$ 2713.894 χ^2 /NDF: 5.5/6

asym_sam2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4564.188 ± 2.877 χ^2/NDF : 5990.3/1

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

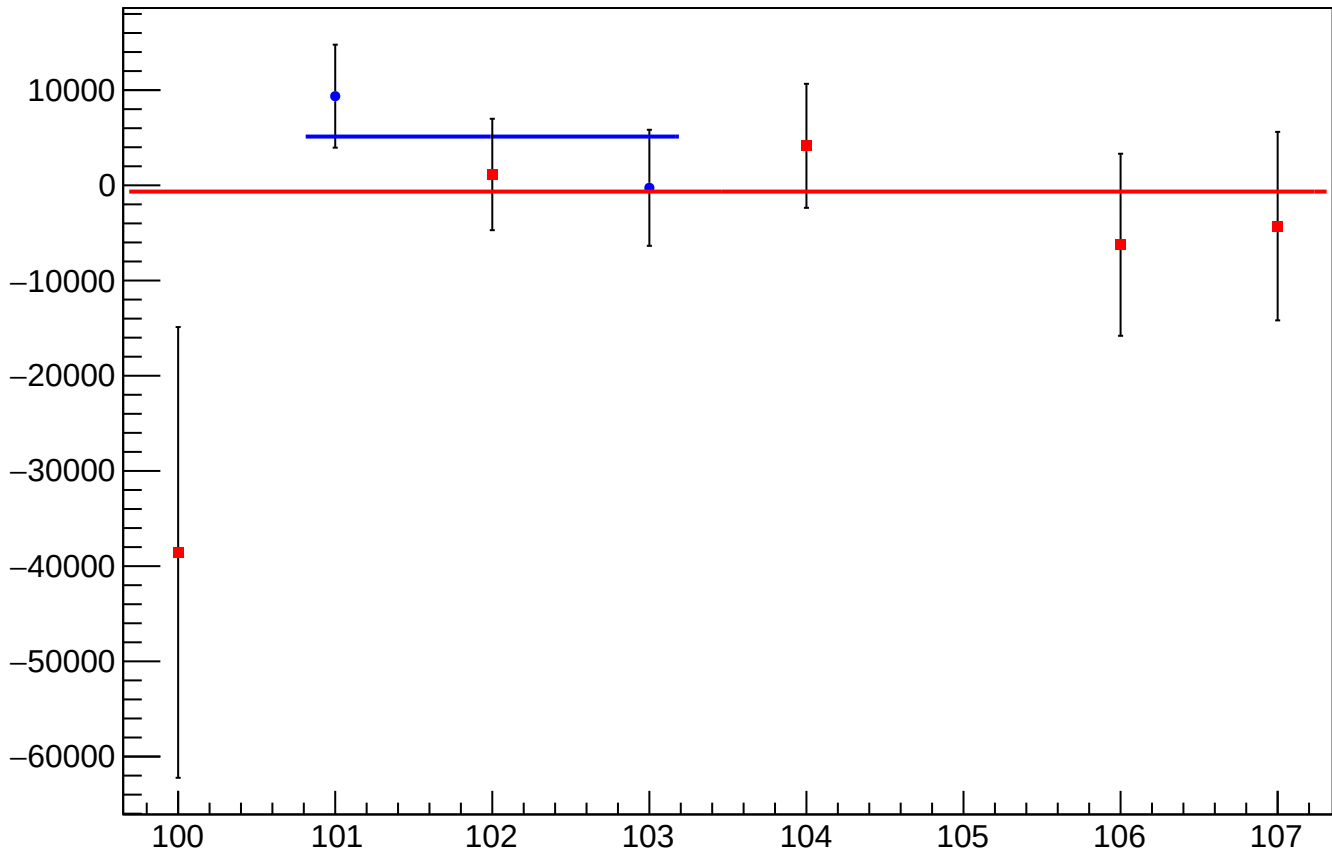
Right: 4737.879 ± 1.919 χ^2/NDF : 27467.9/6

In: 4564.188 ± 2.877 χ^2/NDF : 5990.3/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 4737.879 ± 1.919 χ^2/NDF : 27467.9/6

asym_sam2_mean vs Slug, Sign Corrected



Right In: 5122.757 $\pm$ 4045.782 χ^2 /NDF: 1.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -656.811 $\pm$ 3634.401 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

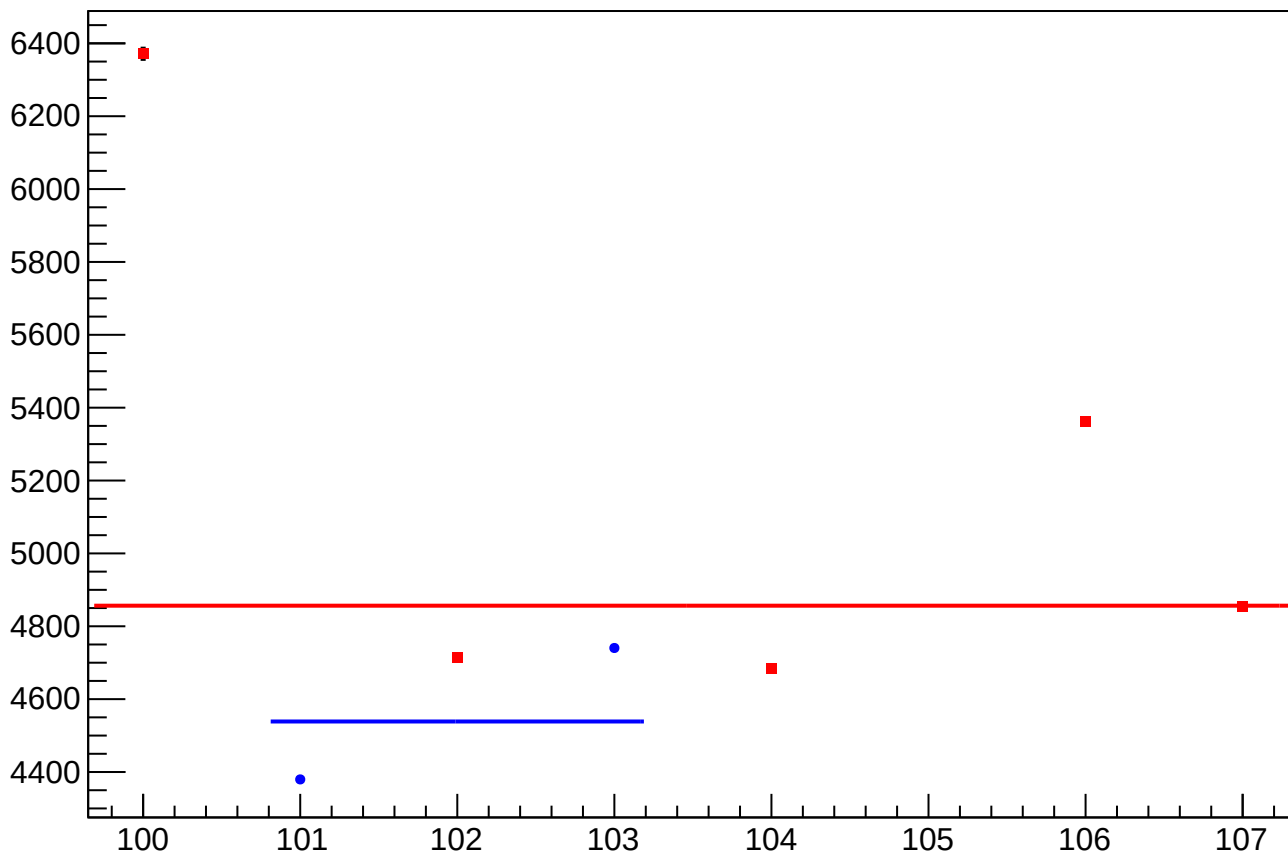
Right: 1924.283 $\pm$ 2703.688 χ^2 /NDF: 6.2/6

In: 5122.757 $\pm$ 4045.782 χ^2 /NDF: 1.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1924.283 $\pm$ 2703.688 χ^2 /NDF: 6.2/6

asym_sam2_rms vs Slug, Sign Corrected



Right In: 4538.661+/-2.861 χ^2/NDF : 3919.0/1

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

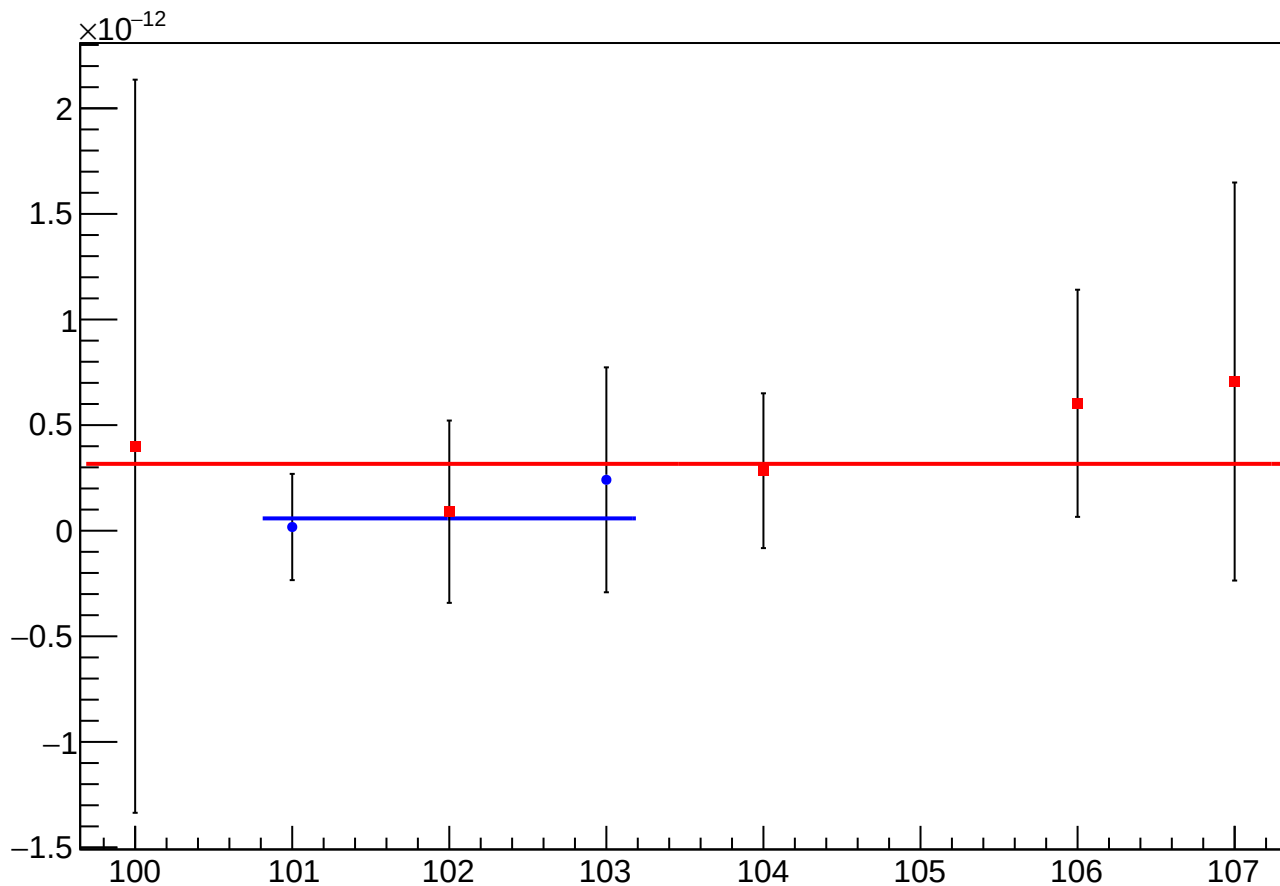
Right: 4714.558+/-1.912 χ^2/NDF : 27119.2/6

In: 4538.661+/-2.861 χ^2/NDF : 3919.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4714.558+/-1.912 χ^2/NDF : 27119.2/6

asym_sam2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.1/1

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

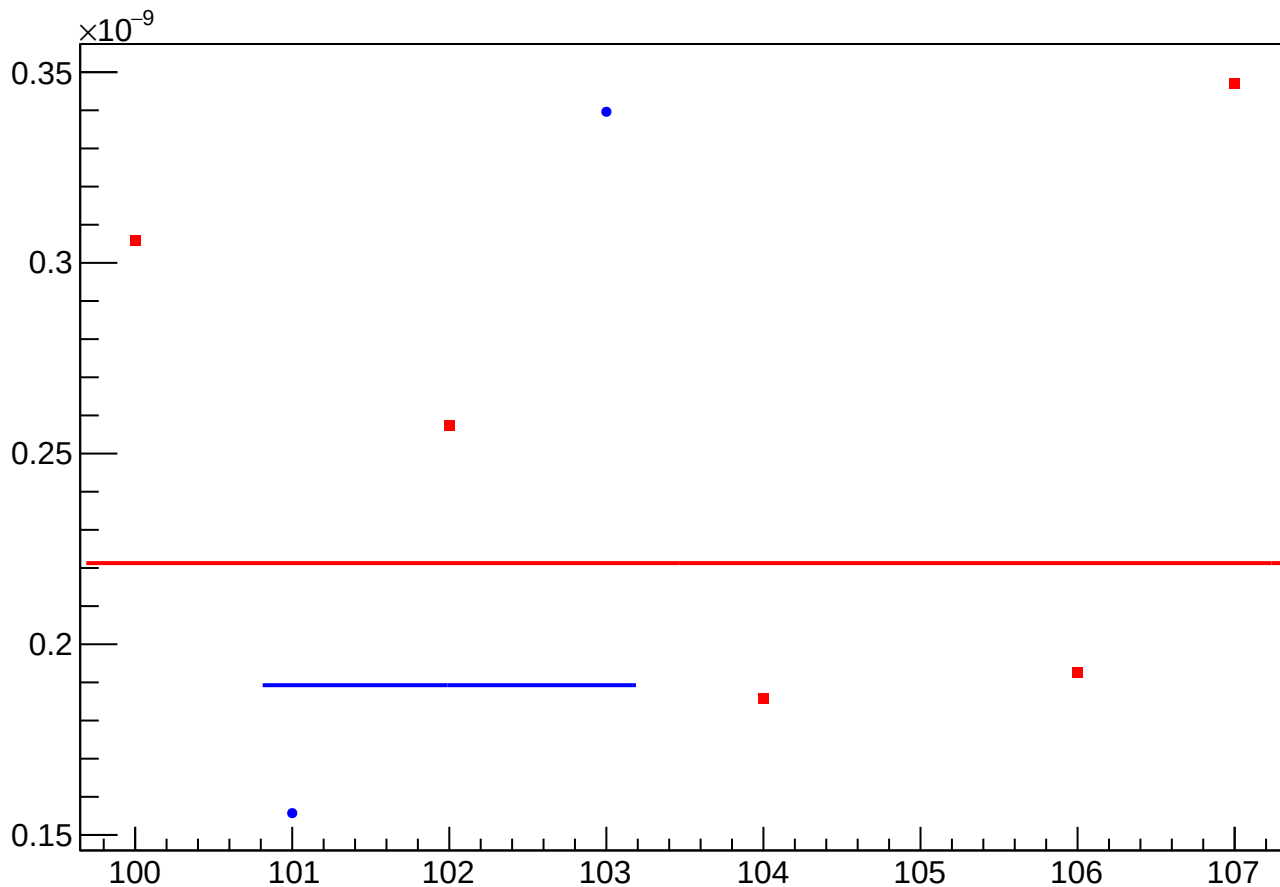
Right: 0.000+/-0.000 χ^2/NDF : 1.5/6

In: 0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1.5/6

asym_sam2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 195016.3/1

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

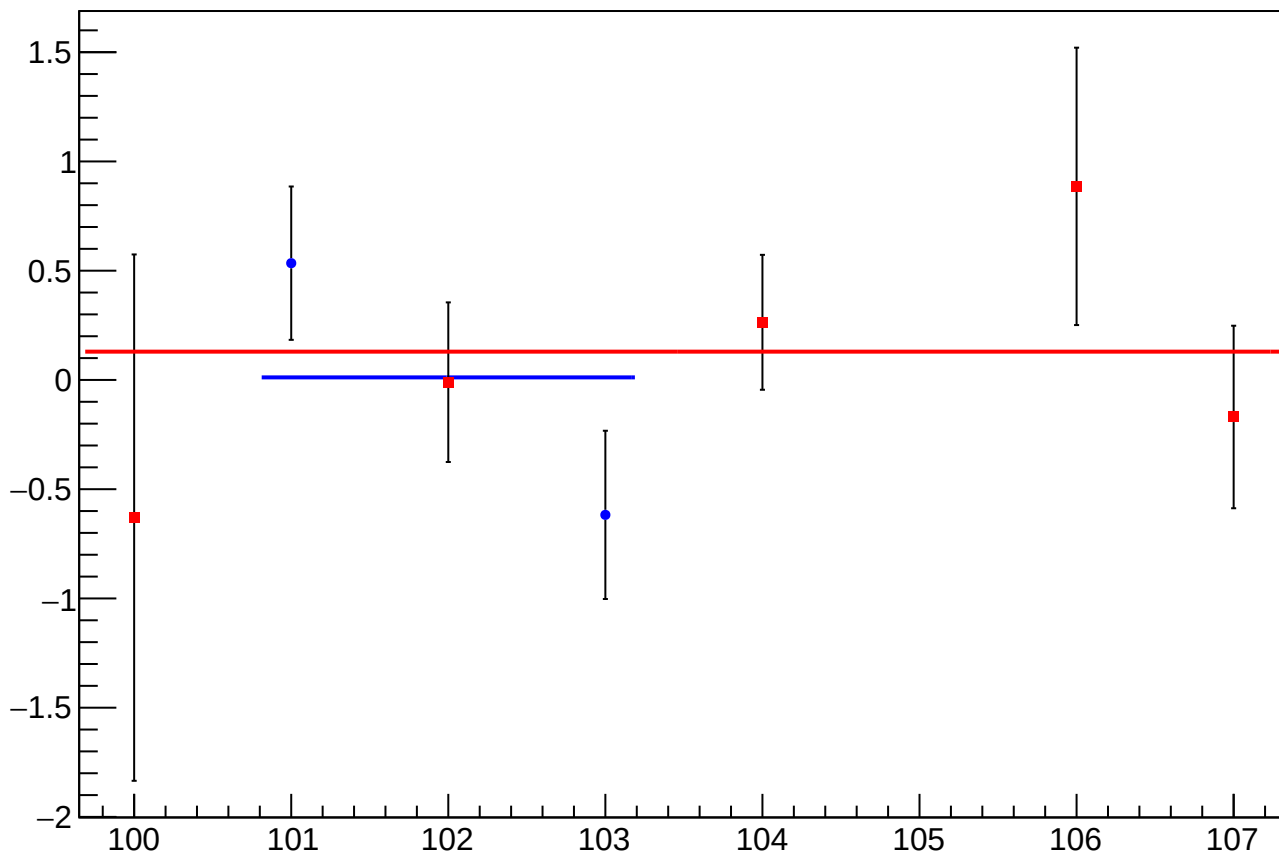
Right: 0.000+/-0.000 χ^2/NDF : 292709.9/6

In: 0.000+/-0.000 χ^2/NDF : 195016.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 292709.9/6

asym_sam2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.259 χ^2 /NDF: 4.9/1

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

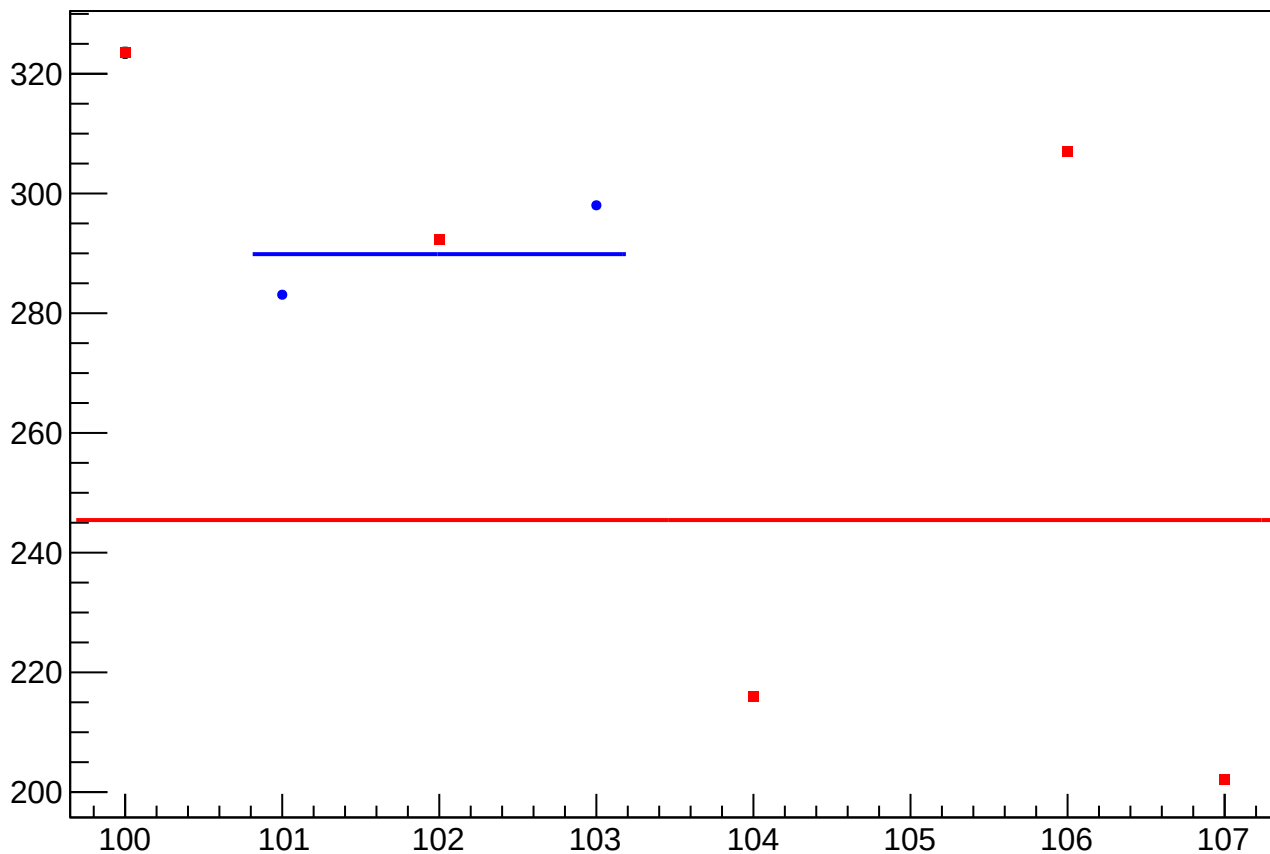
Right: 0.088 $\pm$ 0.155 χ^2 /NDF: 7.7/6

In: 0.012 $\pm$ 0.259 χ^2 /NDF:4.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.088 $\pm$ 0.155 χ^2 /NDF: 7.7/6

asym_sam2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 289.868 $\pm$ 0.183 χ^2 /NDF: 1644.4/1

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

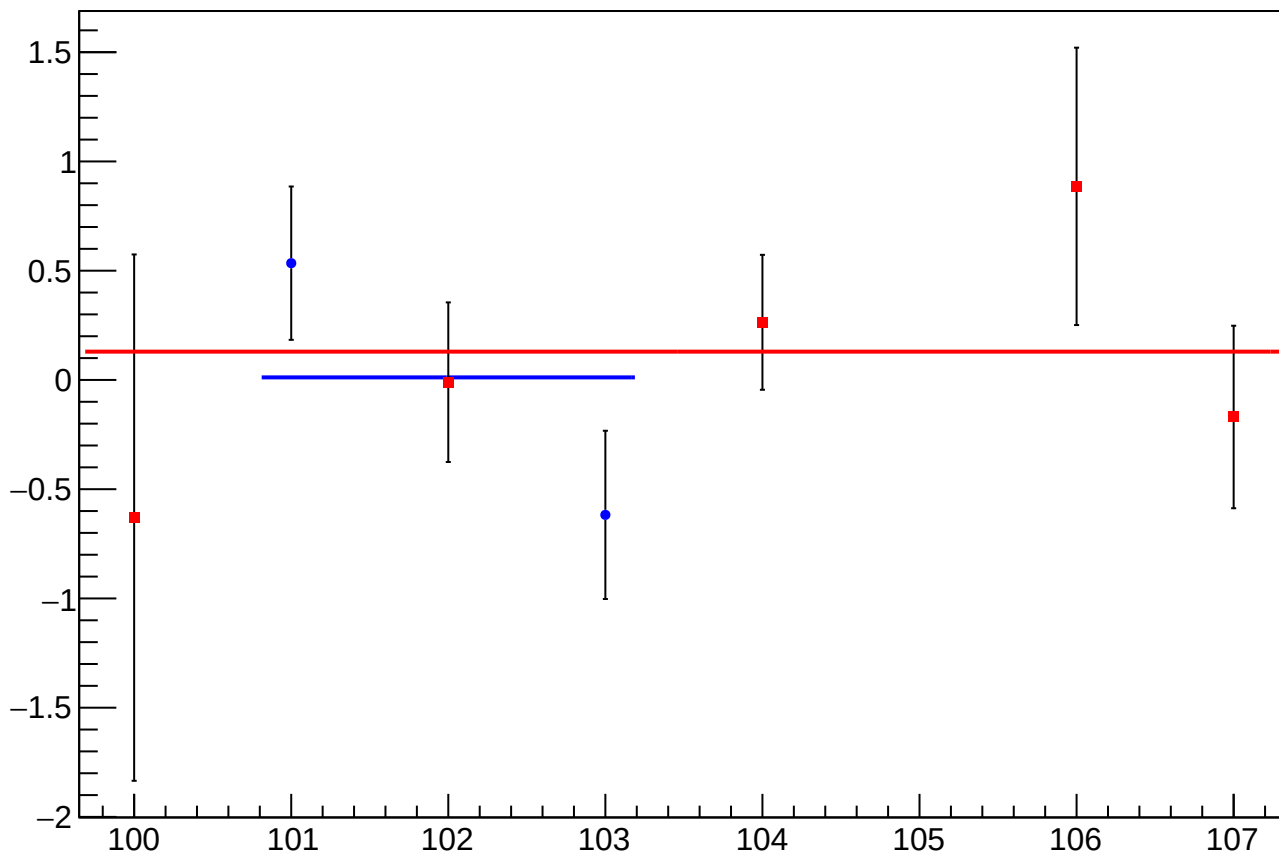
Right: 261.261 $\pm$ 0.109 χ^2 /NDF: 139241.6/6

In: 289.868 $\pm$ 0.183 χ^2 /NDF:1644.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 261.261 $\pm$ 0.109 χ^2 /NDF: 139241.6/6

asym_sam2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.259 χ^2 /NDF: 4.9/1

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

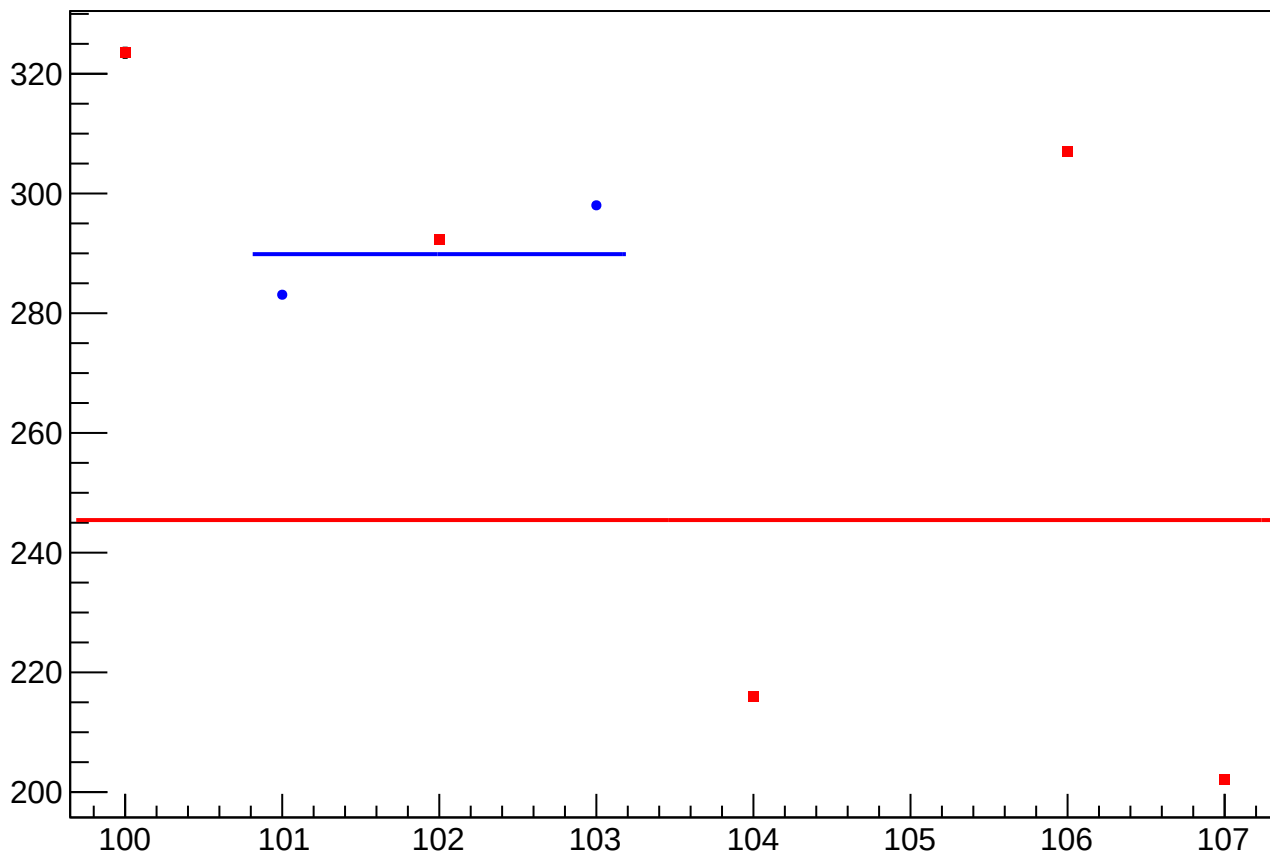
Right: 0.088 $\pm$ 0.155 χ^2 /NDF: 7.7/6

In: 0.012 $\pm$ 0.259 χ^2 /NDF:4.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.088 $\pm$ 0.155 χ^2 /NDF: 7.7/6

asym_sam2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 289.868 $\pm$ 0.183 χ^2 /NDF: 1644.4/1

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

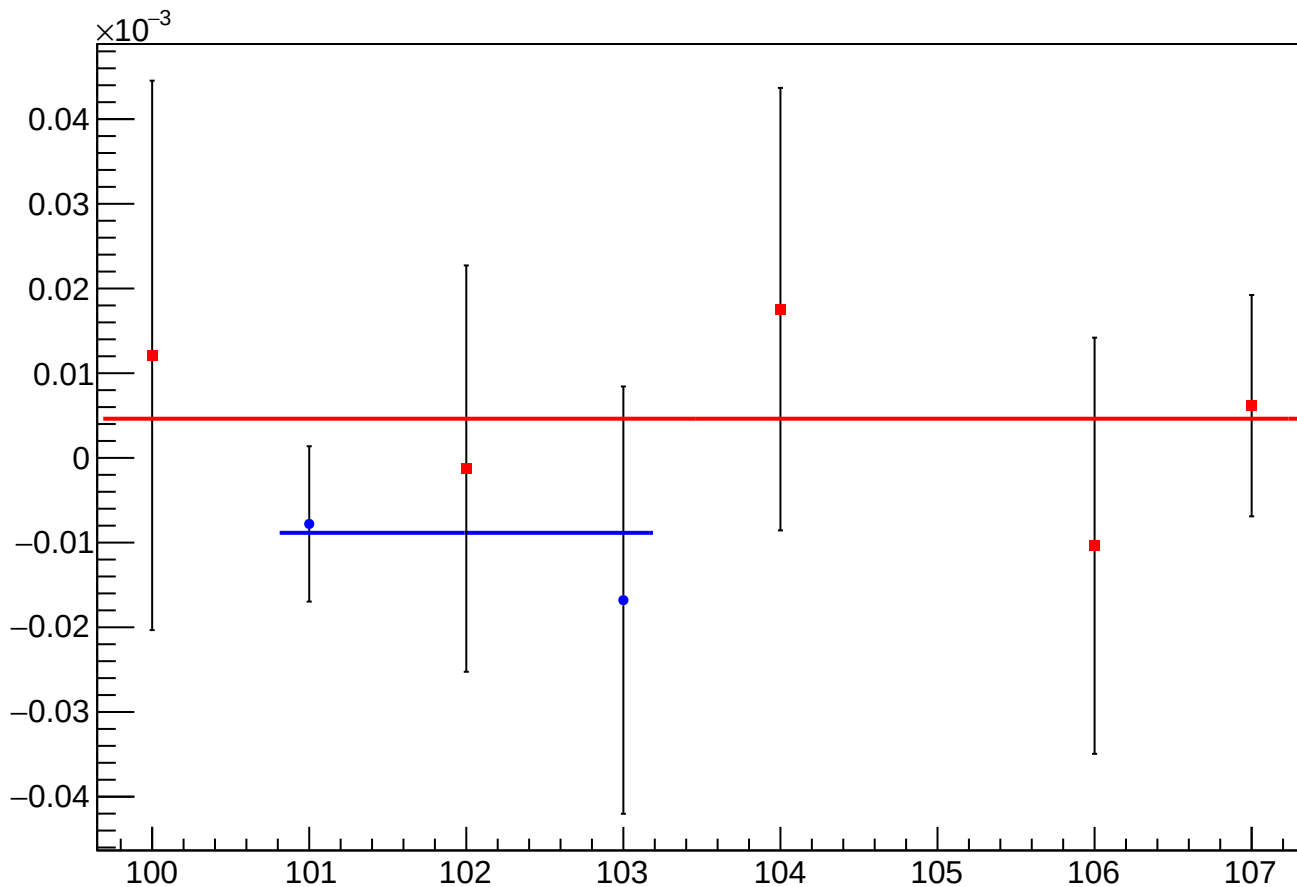
Right: 261.261 $\pm$ 0.109 χ^2 /NDF: 139241.6/6

In: 289.868 $\pm$ 0.183 χ^2 /NDF:1644.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 261.261 $\pm$ 0.109 χ^2 /NDF: 139241.6/6

asym_sam2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 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

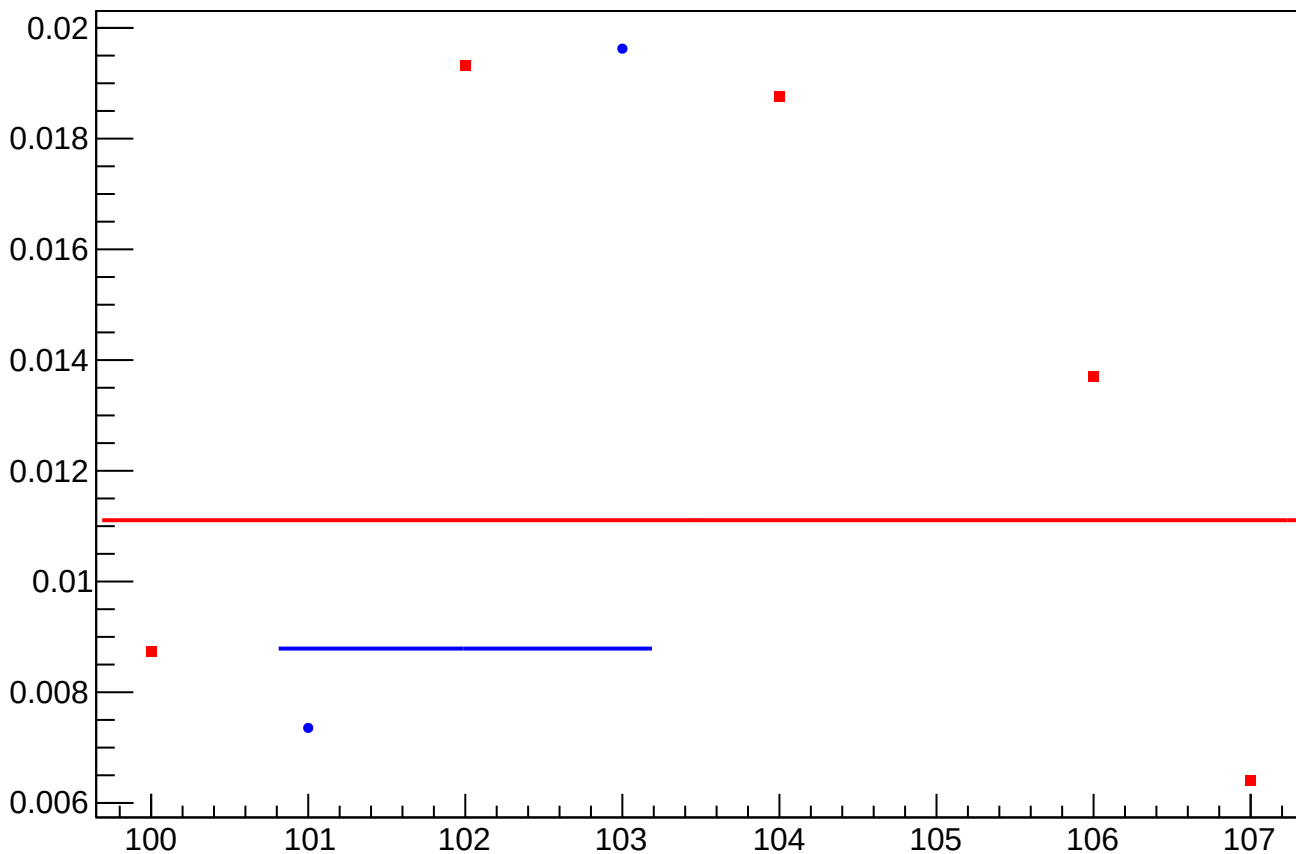
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.0/6

In: -0.000 $\pm$ 0.000 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.0/6

asym_sam2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 417863.2/1

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

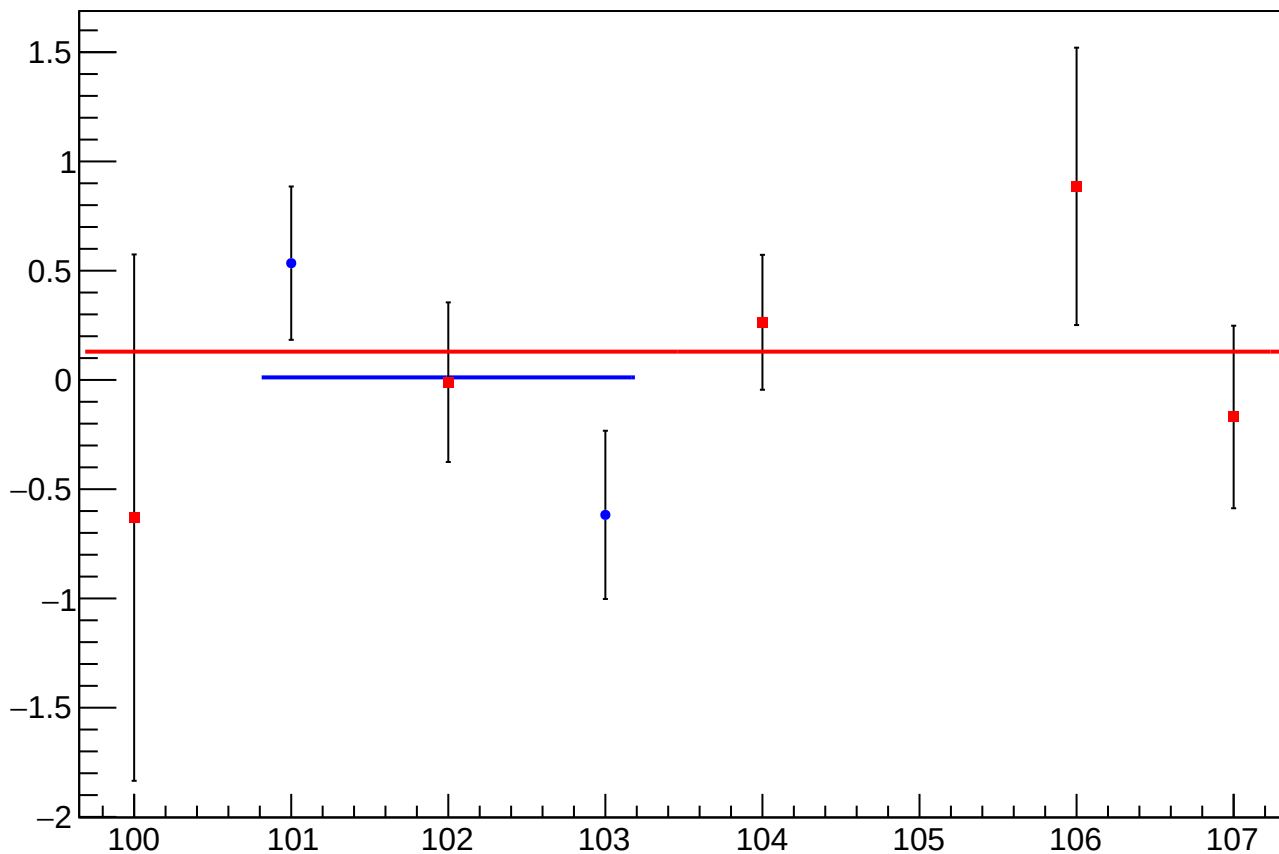
Right: 0.010+/-0.000 χ^2/NDF : 1182301.5/6

In: 0.009+/-0.000 χ^2/NDF : 417863.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 1182301.5/6

asym_sam2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.259 χ^2 /NDF: 4.9/1

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

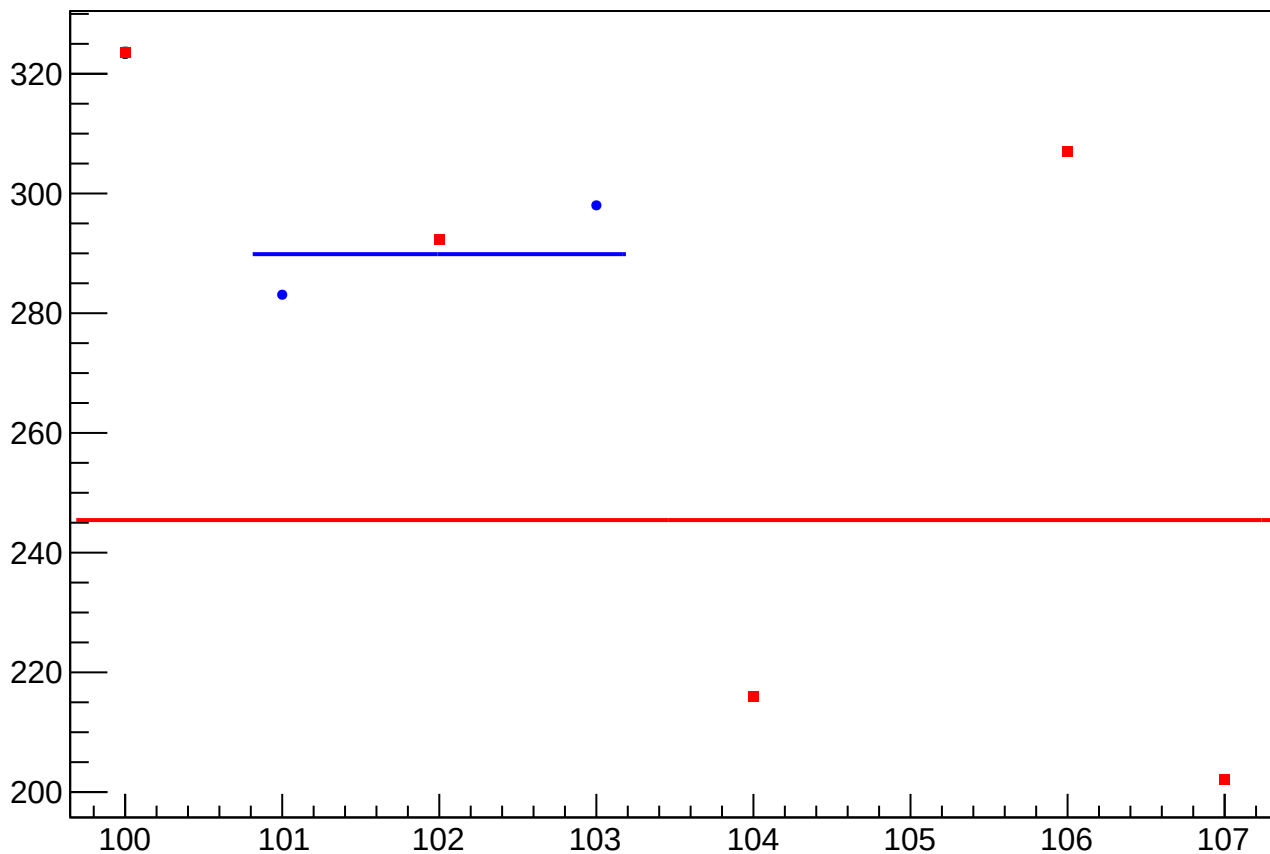
Right: 0.088 $\pm$ 0.155 χ^2 /NDF: 7.7/6

In: 0.012 $\pm$ 0.259 χ^2 /NDF: 4.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.088 $\pm$ 0.155 χ^2 /NDF: 7.7/6

asym_sam2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 289.866 $\pm$ 0.183 χ^2 /NDF: 1643.1/1

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

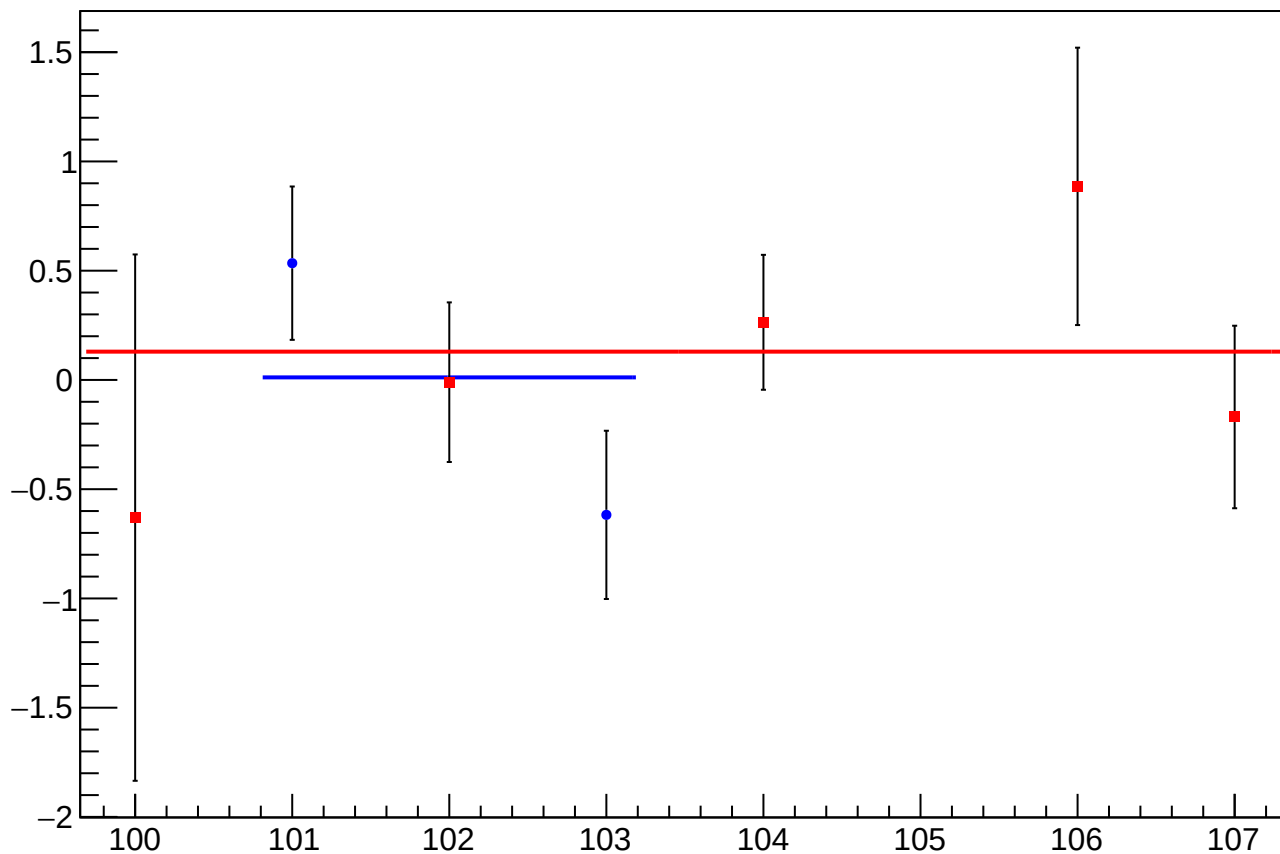
Right: 261.259 $\pm$ 0.109 χ^2 /NDF: 139240.1/6

In: 289.866 $\pm$ 0.183 χ^2 /NDF: 1643.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 261.259 $\pm$ 0.109 χ^2 /NDF: 139240.1/6

asym_sam2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.259 χ^2 /NDF: 4.9/1

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

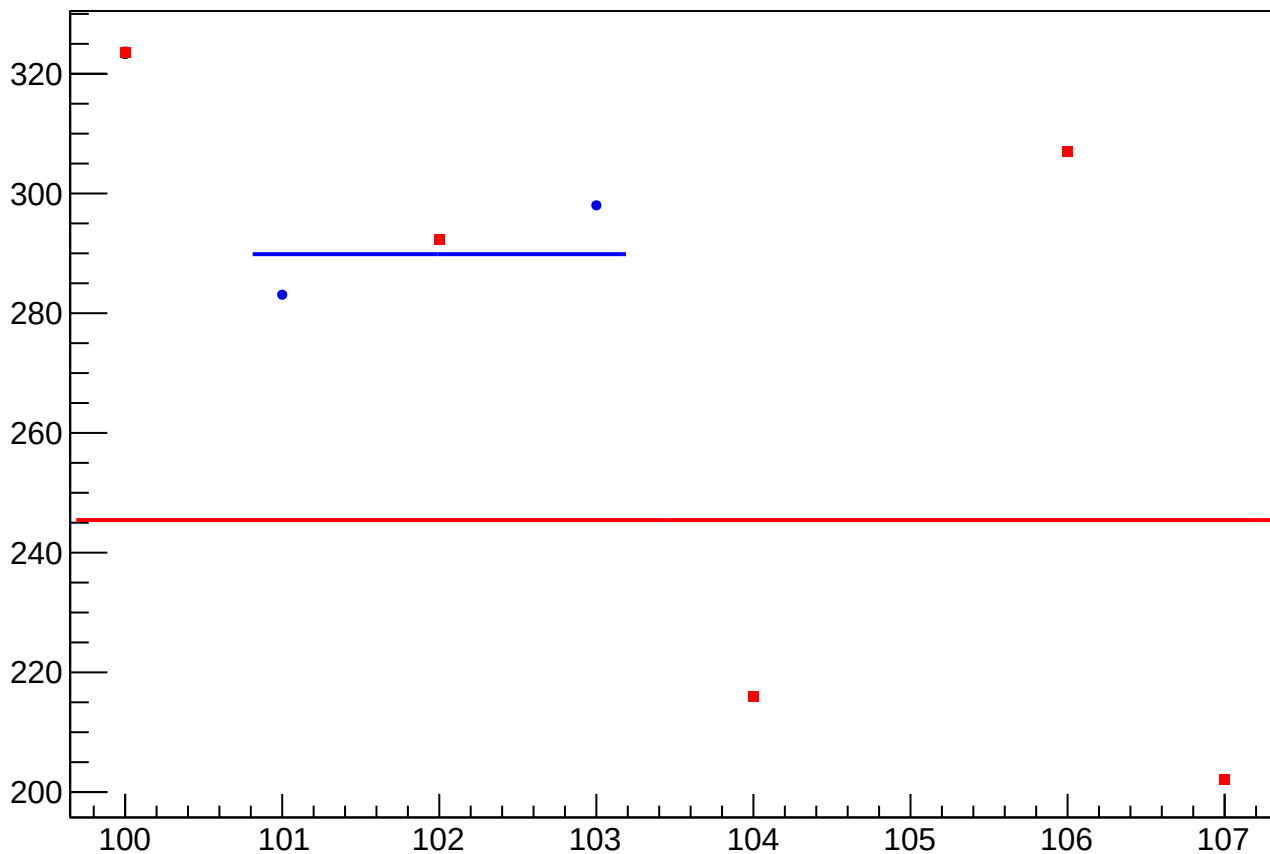
Right: 0.088 $\pm$ 0.155 χ^2 /NDF: 7.7/6

In: 0.012 $\pm$ 0.259 χ^2 /NDF:4.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.088 $\pm$ 0.155 χ^2 /NDF: 7.7/6

asym_sam2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 289.866 ± 0.183 $\chi^2/\text{NDF}: 1643.1/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 245.442 ± 0.136 $\chi^2/\text{NDF}: 99807.4/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

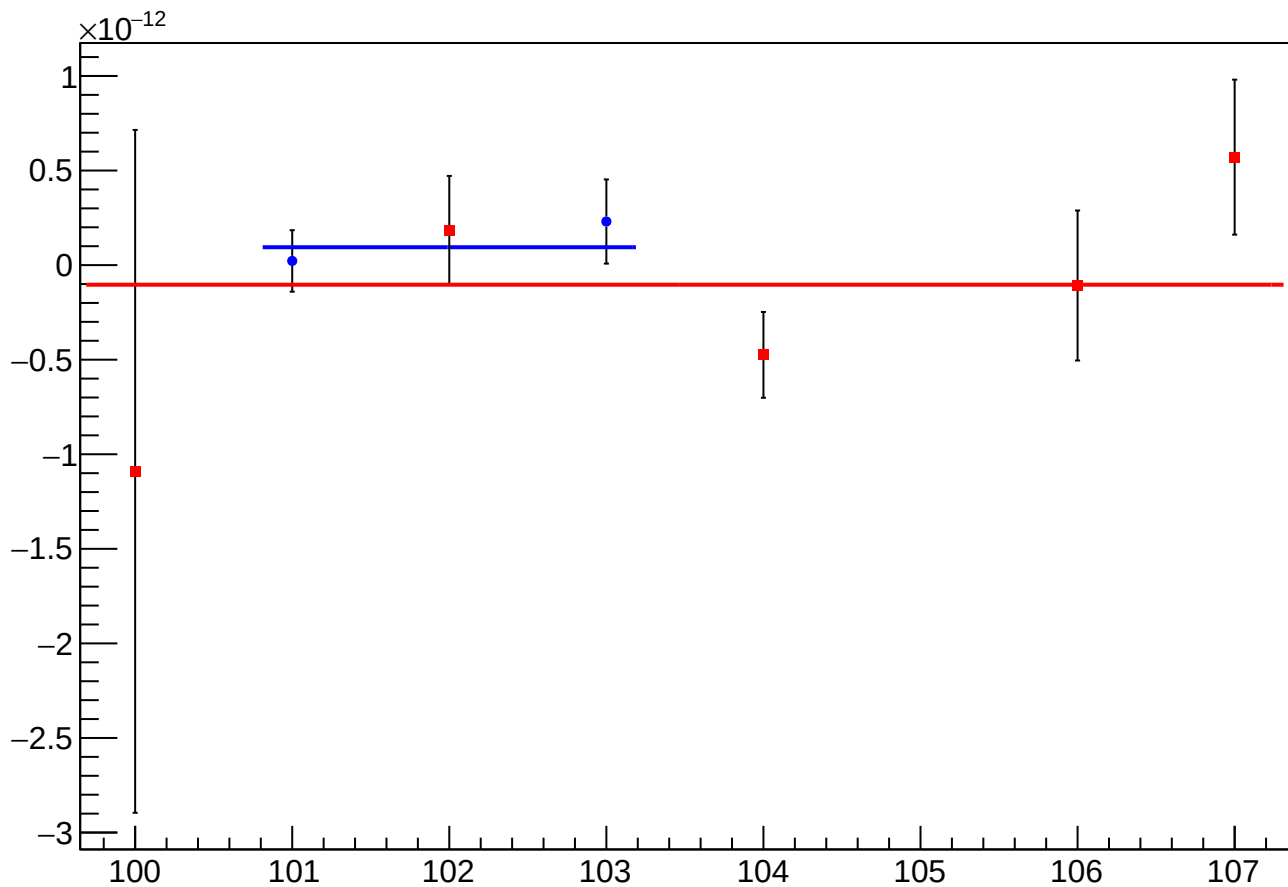
Right: 261.259 ± 0.109 $\chi^2/\text{NDF}: 139240.1/6$

In: 289.866 ± 0.183 $\chi^2/\text{NDF}: 1643.1/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 261.259 ± 0.109 $\chi^2/\text{NDF}: 139240.1/6$

asym_sam2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.6/1

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

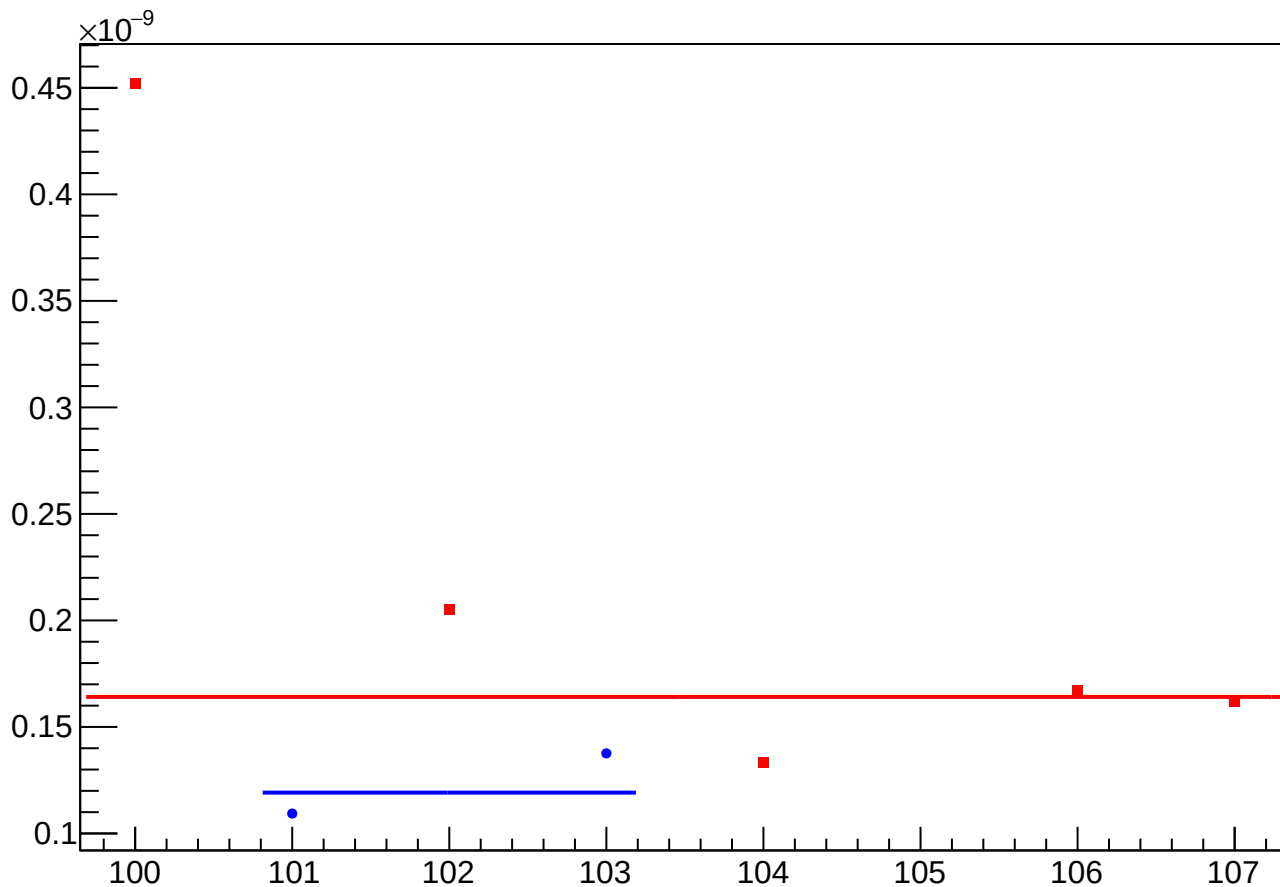
Right: 0.000+/-0.000 χ^2/NDF : 8.3/6

In: 0.000+/-0.000 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.3/6

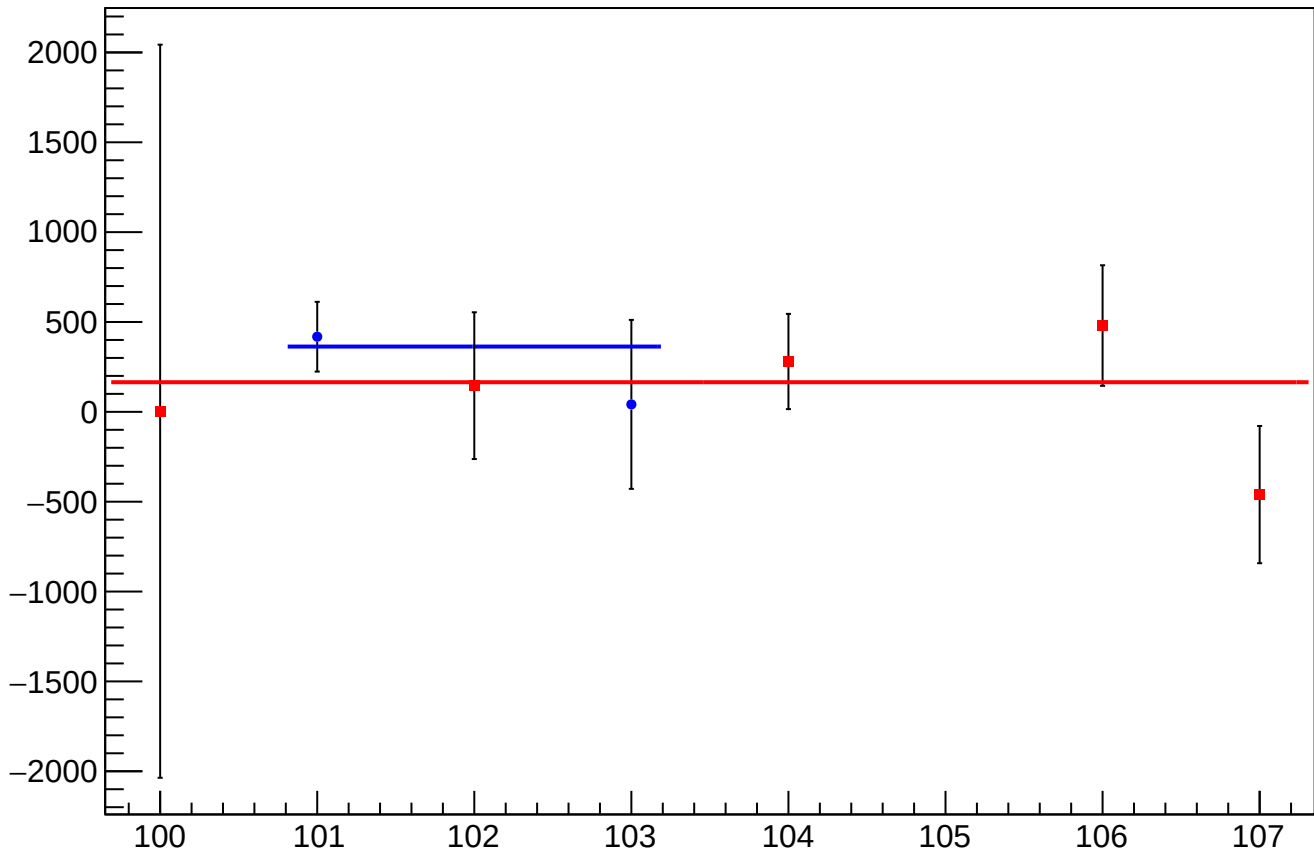
asym_sam2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 21000.0/1
 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 : 251267.3/6
 In: 0.000+/-0.000 χ^2/NDF : 21000.0/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 251267.3/6

reg_asym_sam3_mean vs Slug, Sign Corrected



Right In: 363.288 $\pm$ 179.412 χ^2 /NDF: 0.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 164.903 $\pm$ 166.166 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

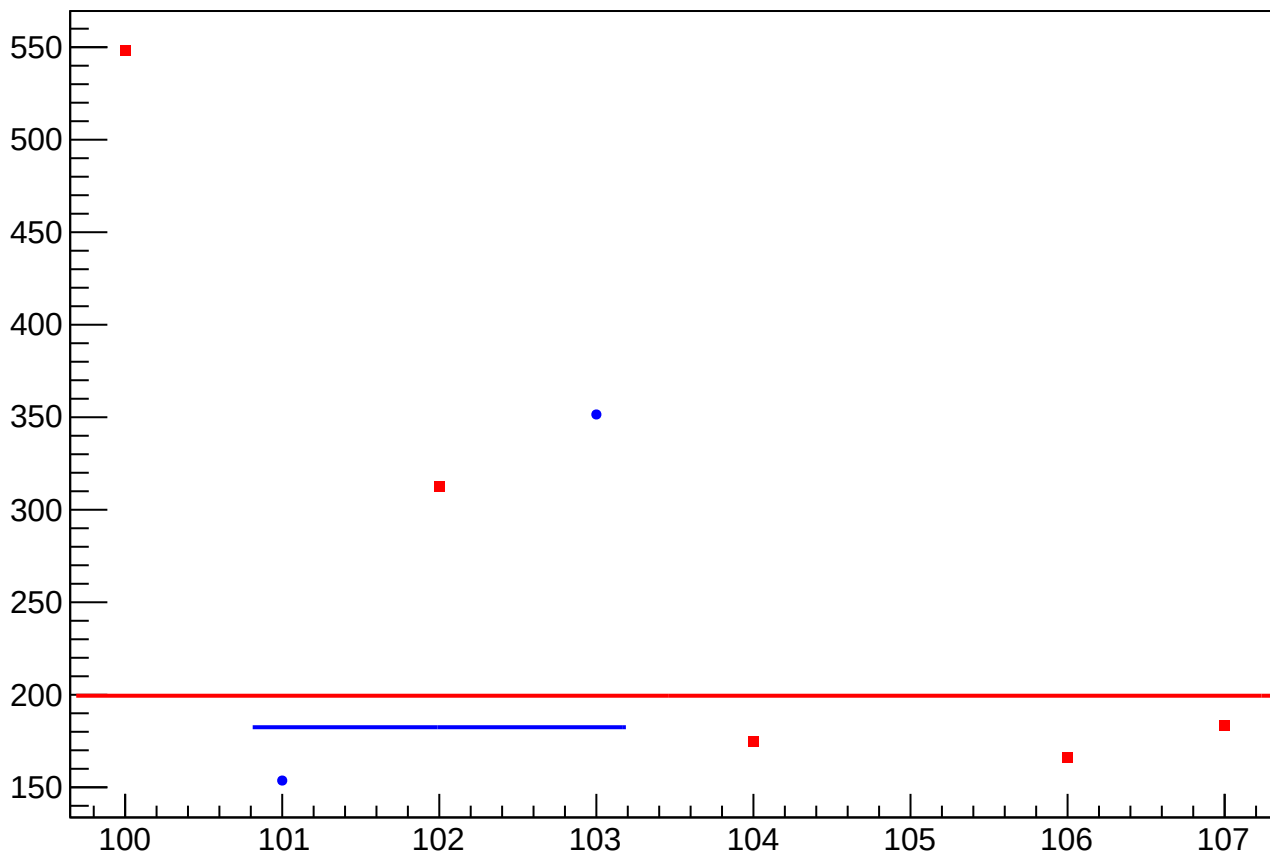
Right: 256.503 $\pm$ 121.911 χ^2 /NDF: 5.0/6

In: 363.288 $\pm$ 179.412 χ^2 /NDF: 0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 256.503 $\pm$ 121.911 χ^2 /NDF: 5.0/6

reg_asym_sam3_rms vs Slug, Sign Corrected



Right In: 182.465+/-0.127 χ^2/NDF : 302650.9/1

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

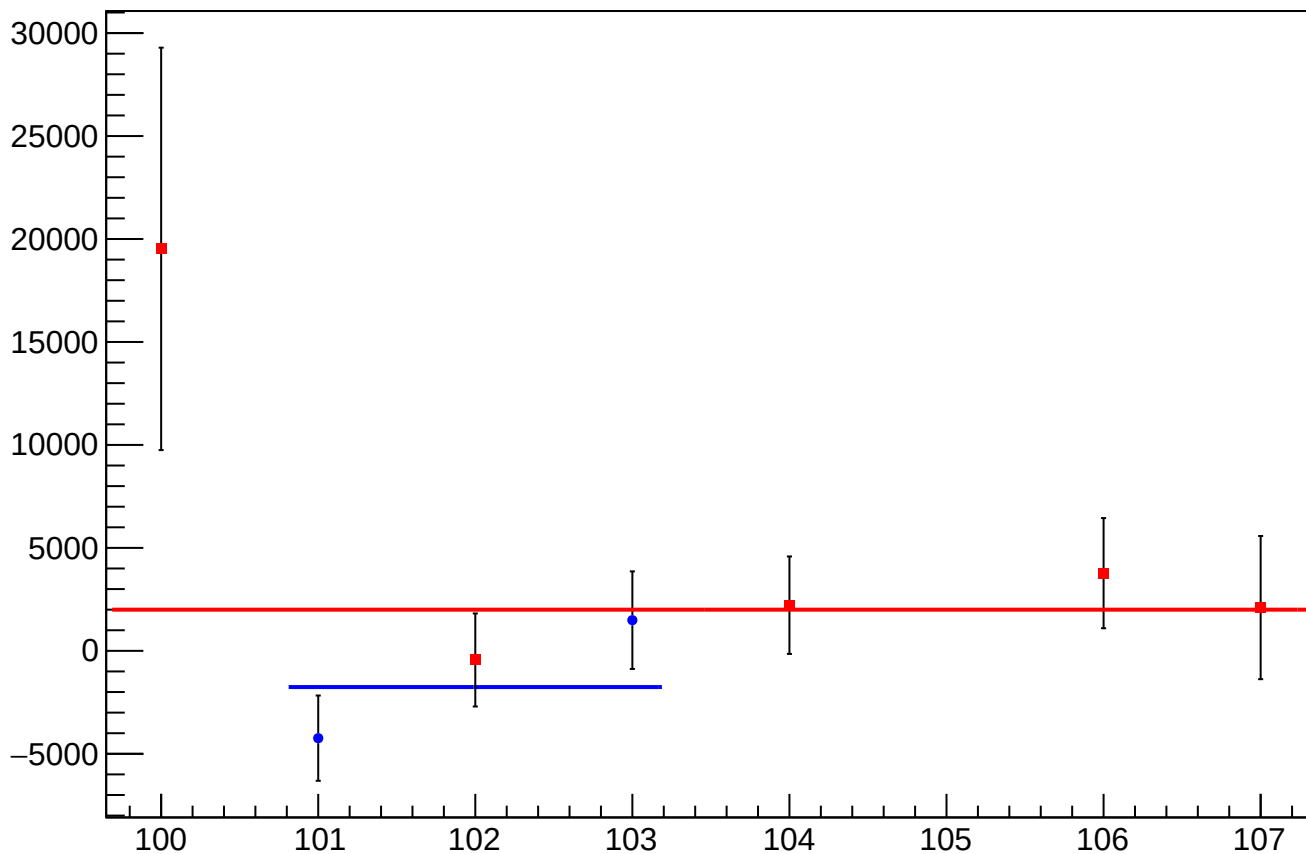
Right: 191.629+/-0.086 χ^2/NDF : 564624.1/6

In: 182.465+/-0.127 χ^2/NDF : 302650.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.629+/-0.086 χ^2/NDF : 564624.1/6

asym_sam3_reg_correction_mean vs Slug, Sign Corrected



Right In: -1758.598 $\pm$ 1559.078 χ^2 /NDF: 3.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1999.644 $\pm$ 1283.207 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

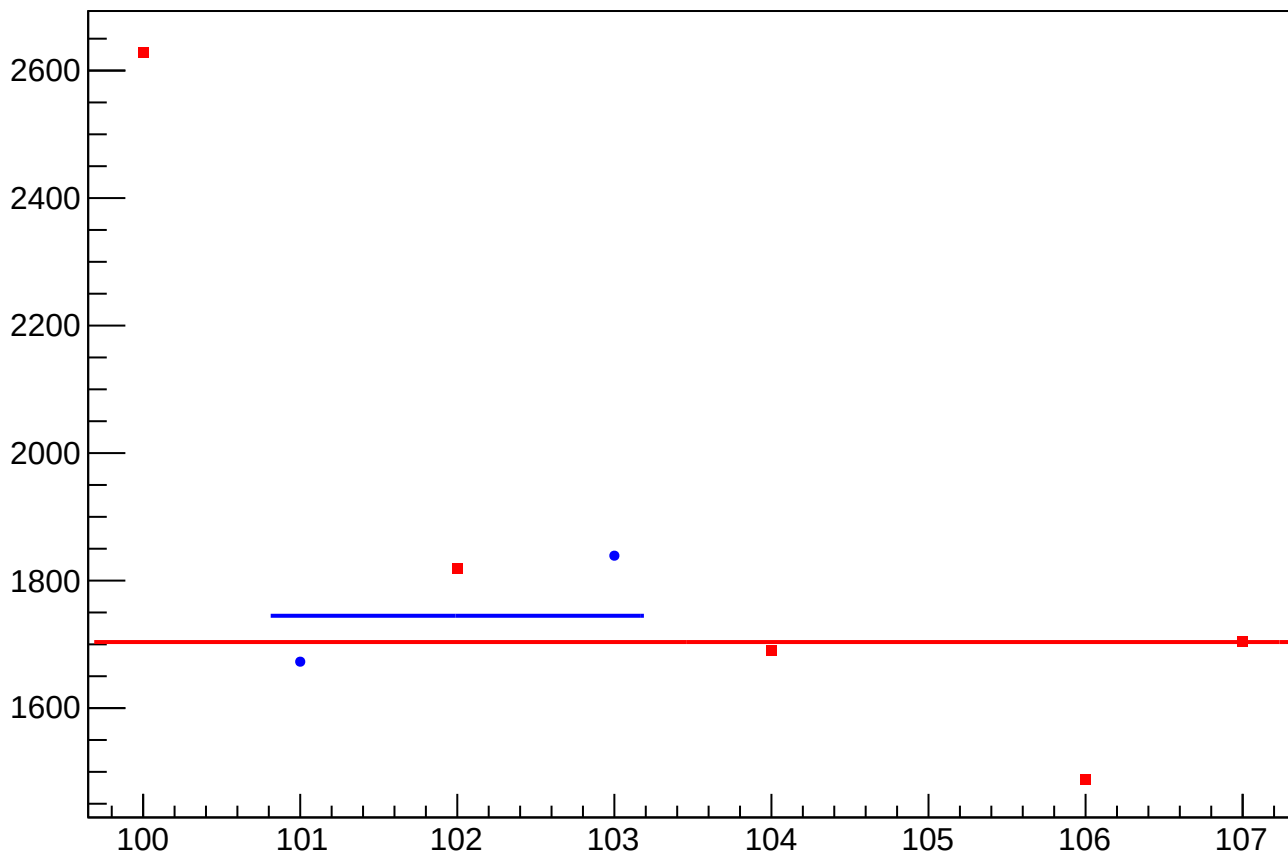
Right: 481.891 $\pm$ 990.777 χ^2 /NDF: 11.6/6

In: -1758.598 $\pm$ 1559.078 χ^2 /NDF:3.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 481.891 $\pm$ 990.777 χ^2 /NDF: 11.6/6

asym_sam3_reg_correction_rms vs Slug, Sign Corrected



Right In: 1744.832 $\pm$ 1.102 χ^2 /NDF: 5584.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1703.624 $\pm$ 0.907 χ^2 /NDF: 36234.4/4

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

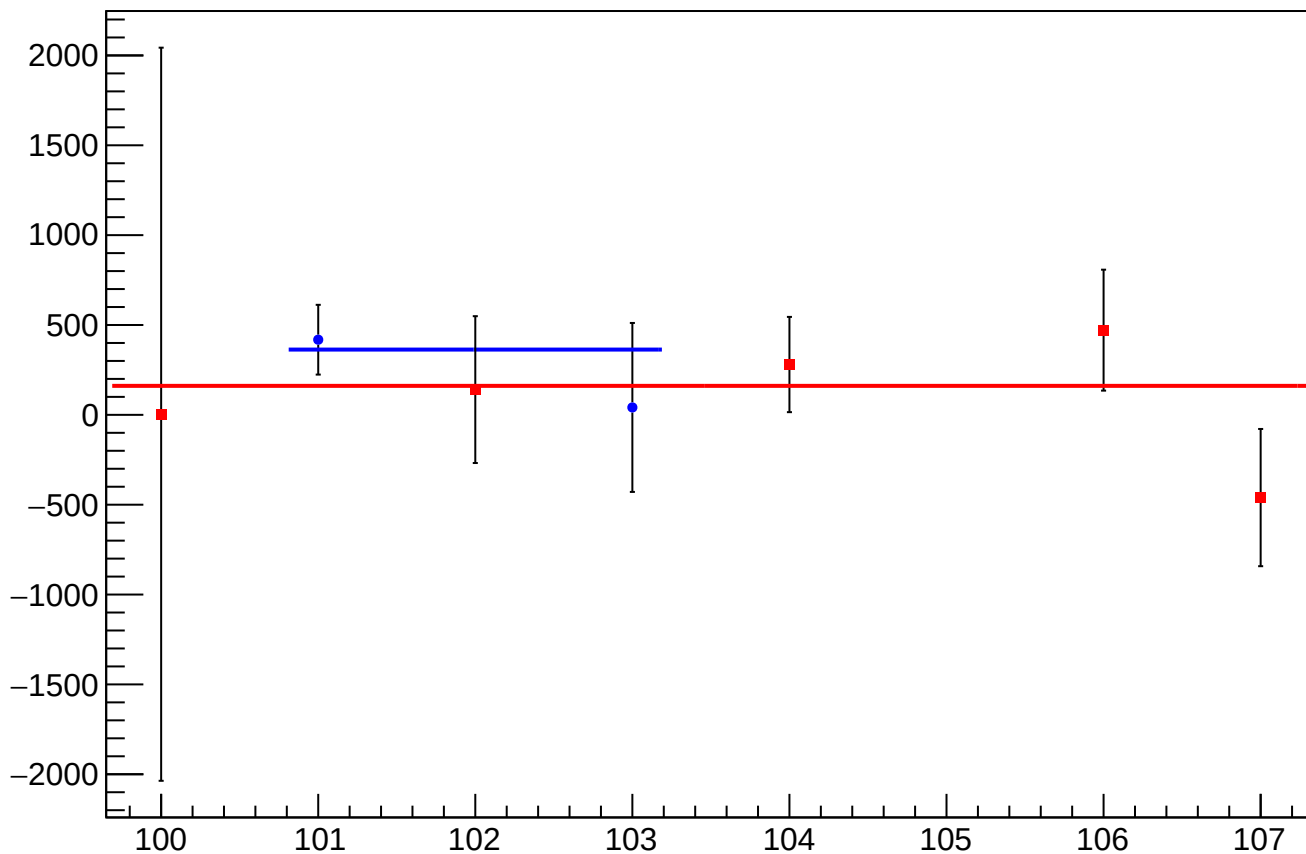
Right: 1720.266 $\pm$ 0.701 χ^2 /NDF: 42651.8/6

In: 1744.832 $\pm$ 1.102 χ^2 /NDF: 5584.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1720.266 $\pm$ 0.701 χ^2 /NDF: 42651.8/6

cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 363.235 $\pm$ 179.412 χ^2 /NDF: 0.5/1

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

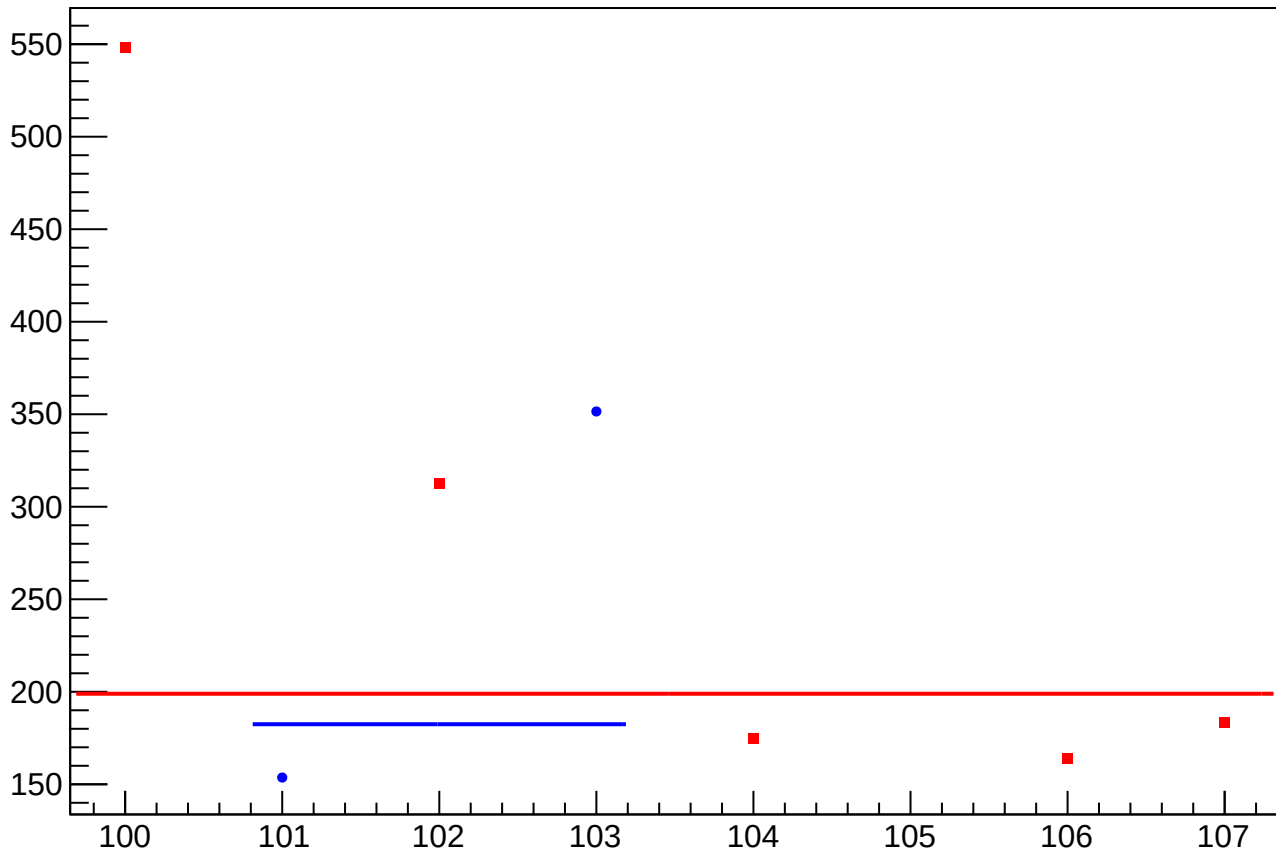
Right: 254.632 $\pm$ 121.968 χ^2 /NDF: 4.9/6

In: 363.235 $\pm$ 179.412 χ^2 /NDF:0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 254.632 $\pm$ 121.968 χ^2 /NDF: 4.9/6

cor_asym_sam3_rms vs Slug, Sign Corrected



Right In: 182.465+/-0.127 χ^2/NDF : 302653.6/1

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

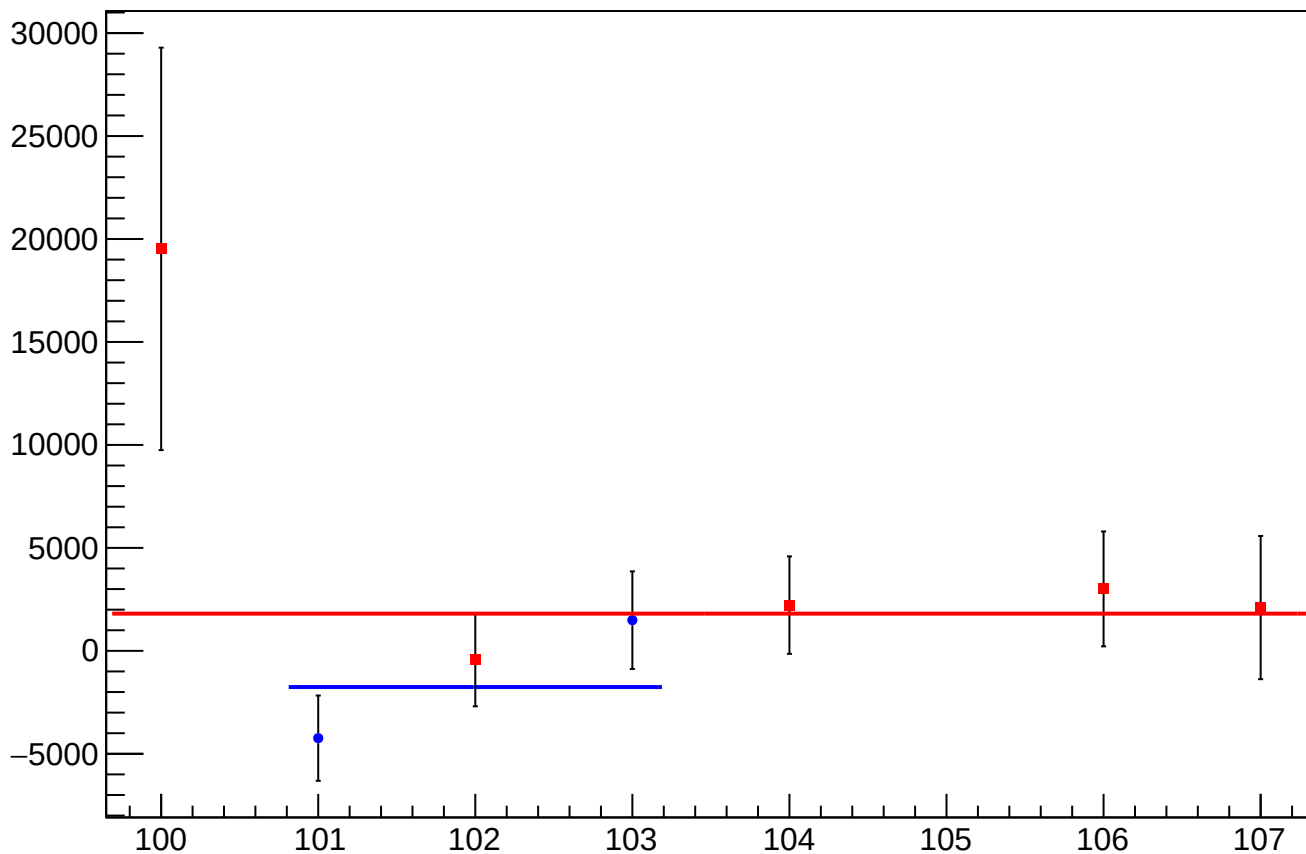
Right: 191.330+/-0.086 χ^2/NDF : 567004.7/6

In: 182.465+/-0.127 χ^2/NDF : 302653.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.330+/-0.086 χ^2/NDF : 567004.7/6

asym_sam3_cor_correction_mean vs Slug, Sign Corrected



Right In: -1758.628+/-1559.153 χ^2/NDF : 3.3/1

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

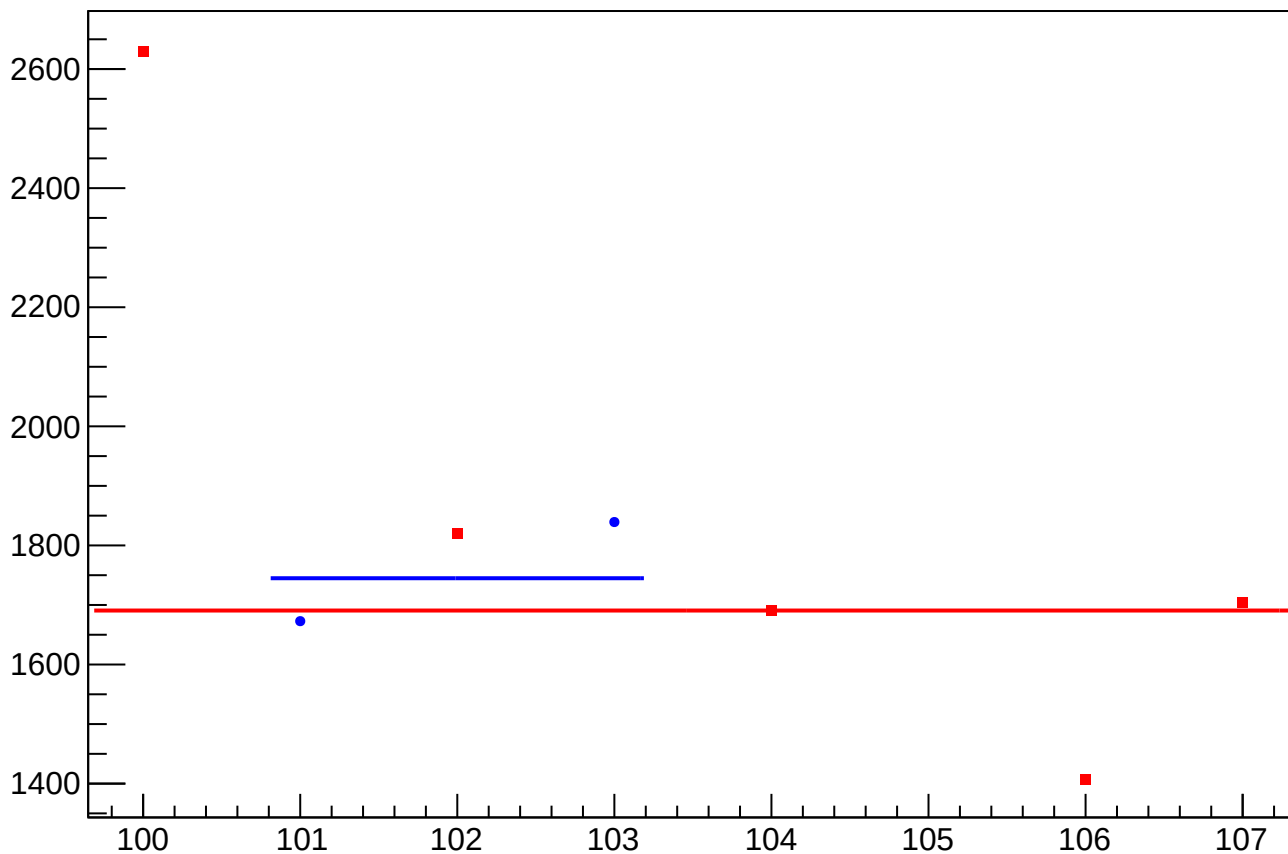
Right: 350.715+/-996.506 χ^2/NDF : 10.9/6

In: -1758.628+/-1559.153 χ^2/NDF : 3.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 350.715+/-996.506 χ^2/NDF : 10.9/6

asym_sam3_cor_correction_rms vs Slug, Sign Corrected



Right In: 1744.908+/-1.102 χ^2/NDF : 5596.7/1

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

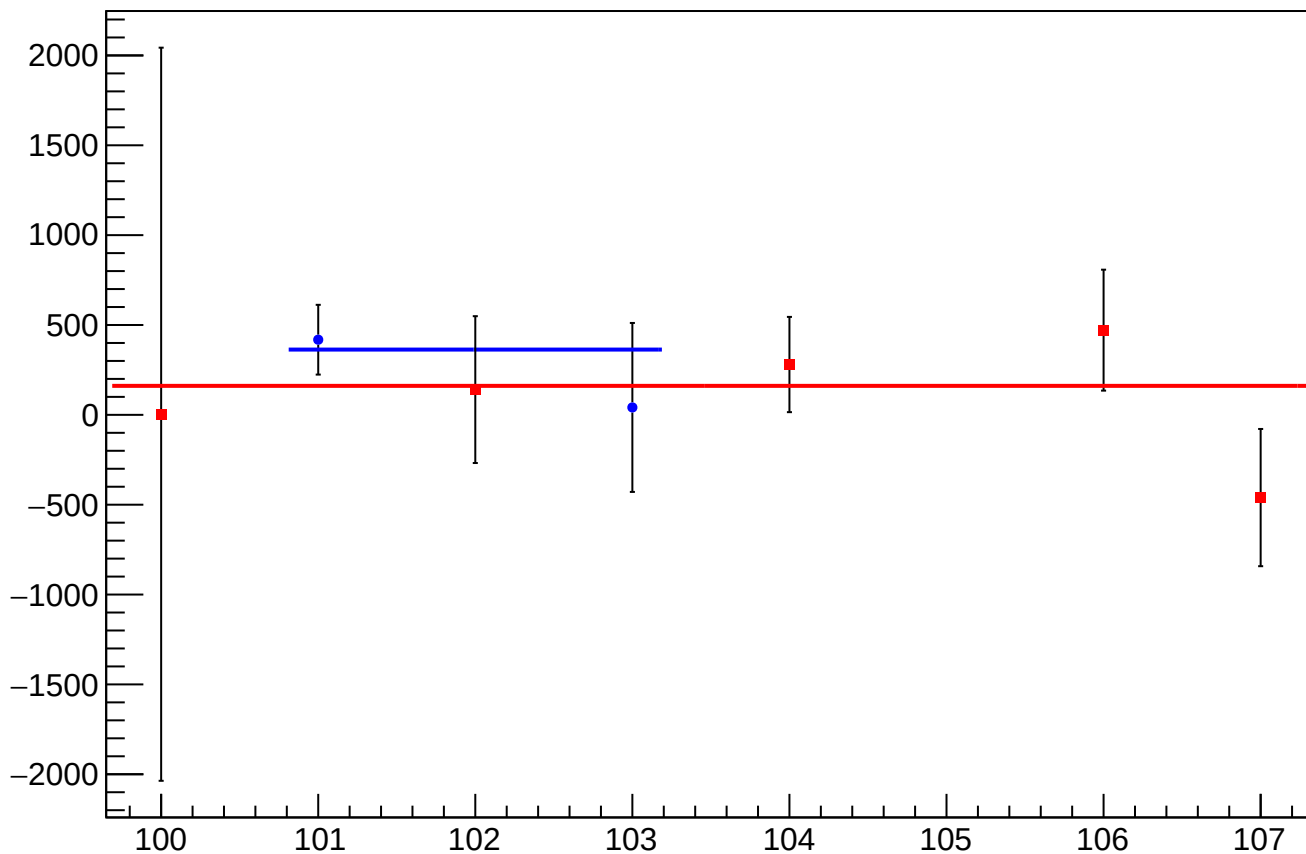
Right: 1712.826+/-0.705 χ^2/NDF : 52830.4/6

In: 1744.908+/-1.102 χ^2/NDF : 5596.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1712.826+/-0.705 χ^2/NDF : 52830.4/6

eigen_cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 363.235 $\pm$ 179.412 χ^2 /NDF: 0.5/1

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

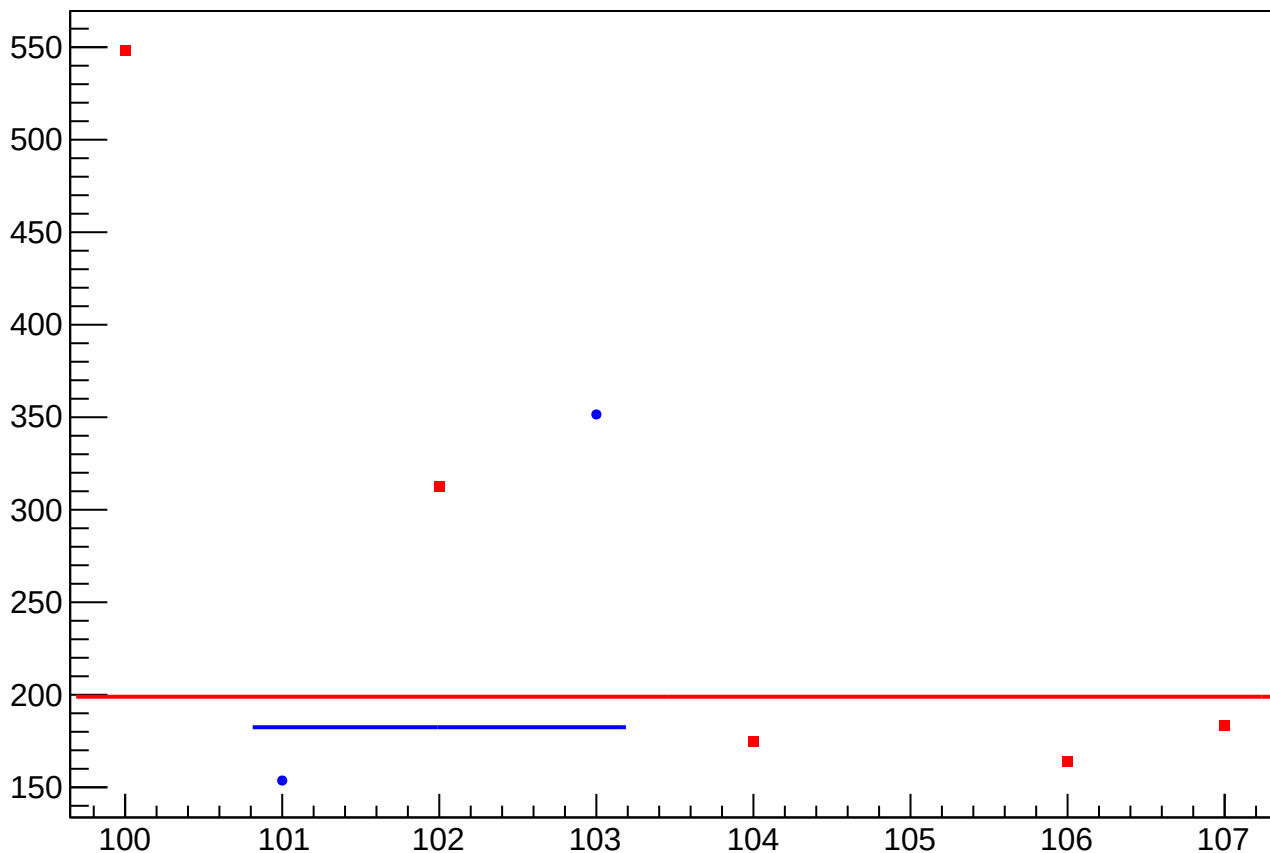
Right: 254.632 $\pm$ 121.968 χ^2 /NDF: 4.9/6

In: 363.235 $\pm$ 179.412 χ^2 /NDF: 0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 254.632 $\pm$ 121.968 χ^2 /NDF: 4.9/6

eigen_cor_asym_sam3_rms vs Slug, Sign Corrected



Right In: 182.465+/-0.127 χ^2/NDF : 302653.6/1

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

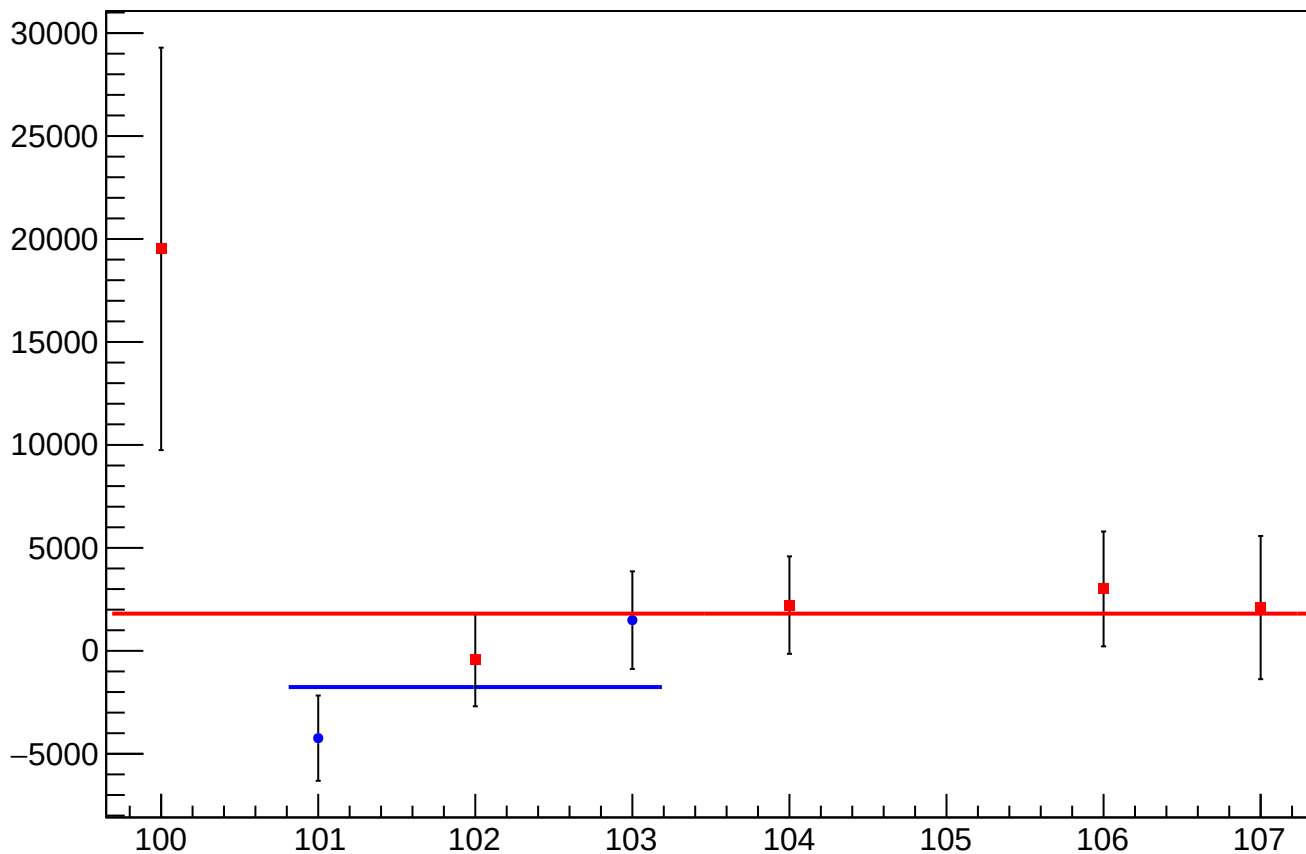
Right: 191.330+/-0.086 χ^2/NDF : 567004.7/6

In: 182.465+/-0.127 χ^2/NDF : 302653.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.330+/-0.086 χ^2/NDF : 567004.7/6

asym_sam3_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1758.628+/-1559.153 χ^2/NDF : 3.3/1

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

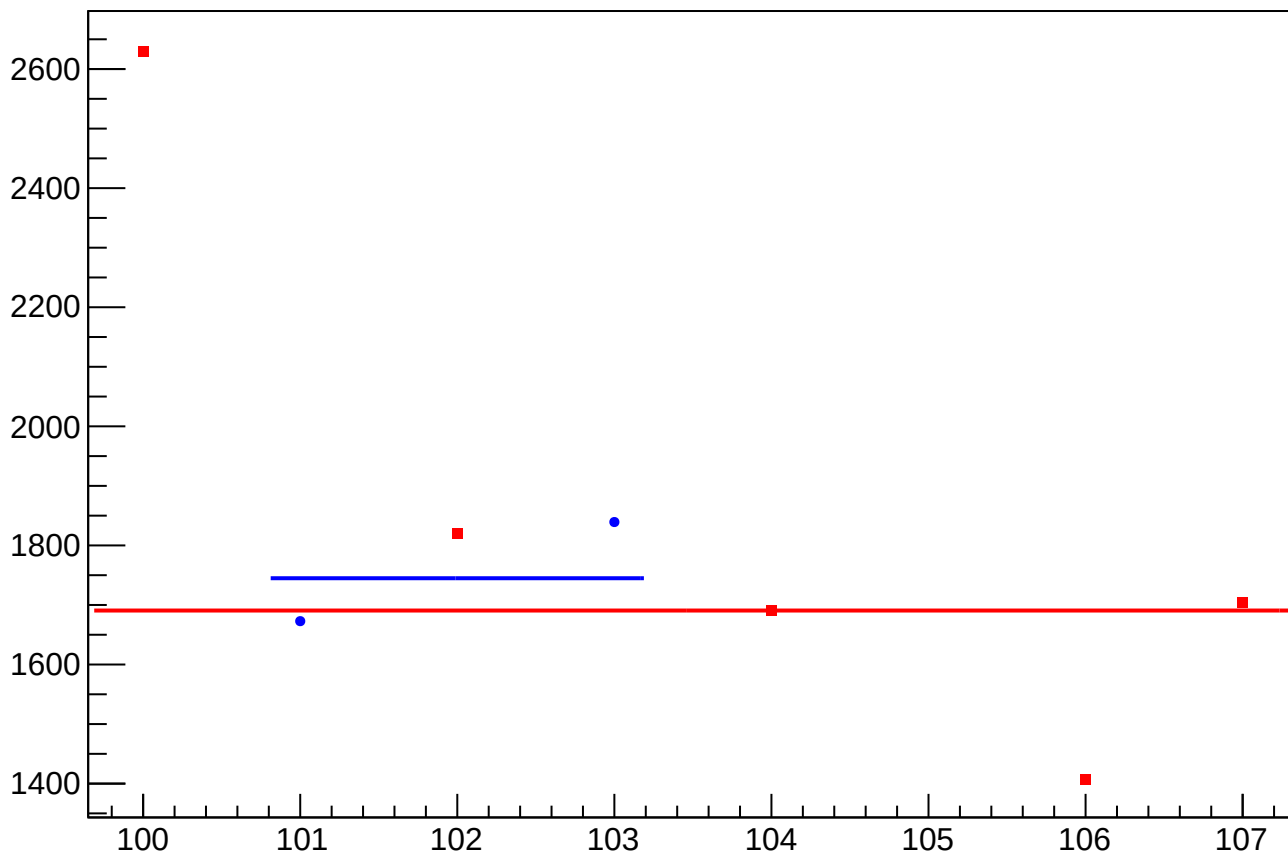
Right: 350.715+/-996.506 χ^2/NDF : 10.9/6

In: -1758.628+/-1559.153 χ^2/NDF : 3.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 350.715+/-996.506 χ^2/NDF : 10.9/6

asym_sam3_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1744.908+/-1.102 χ^2/NDF : 5596.7/1

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

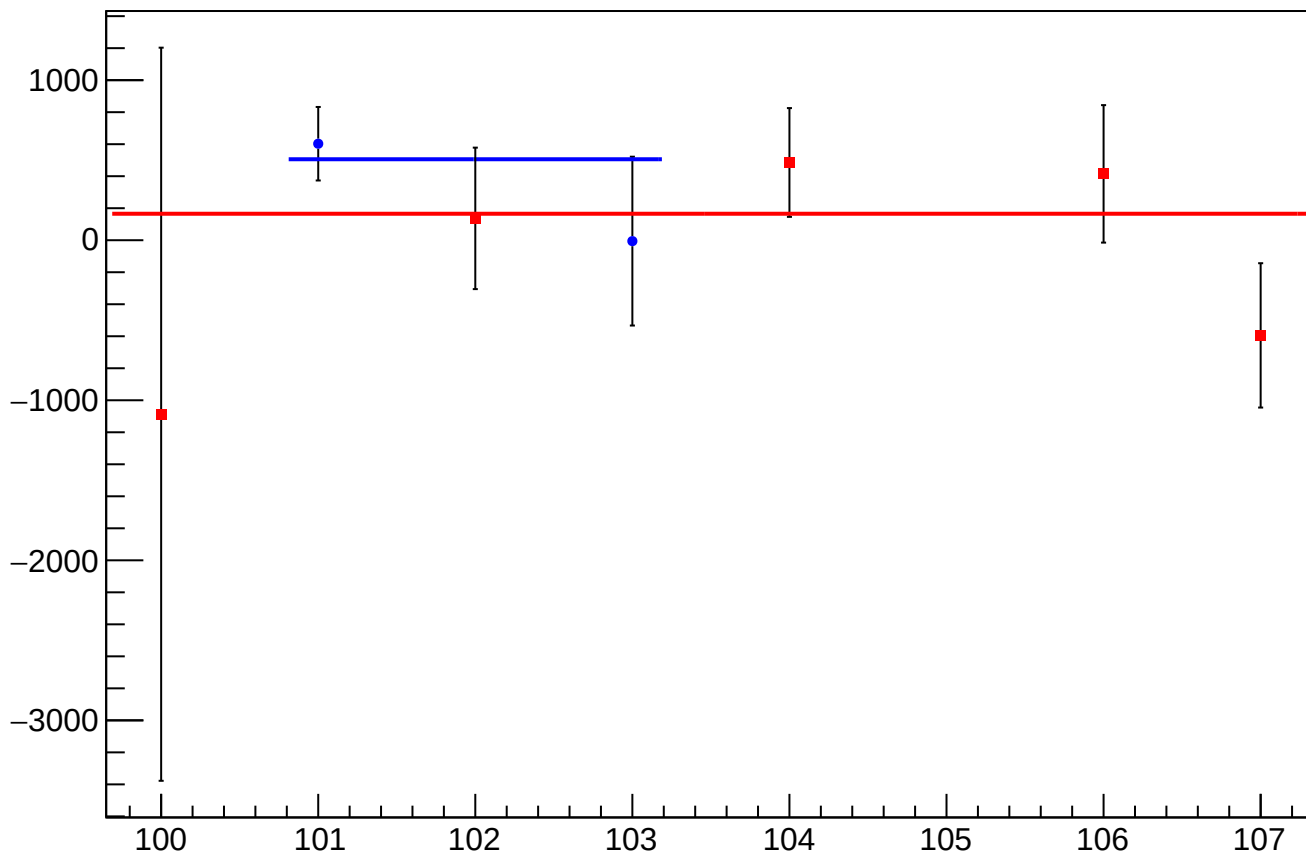
Right: 1712.826+/-0.705 χ^2/NDF : 52830.4/6

In: 1744.908+/-1.102 χ^2/NDF : 5596.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1712.826+/-0.705 χ^2/NDF : 52830.4/6

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 505.908 $\pm$ 210.587 χ^2 /NDF: 1.1/1

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

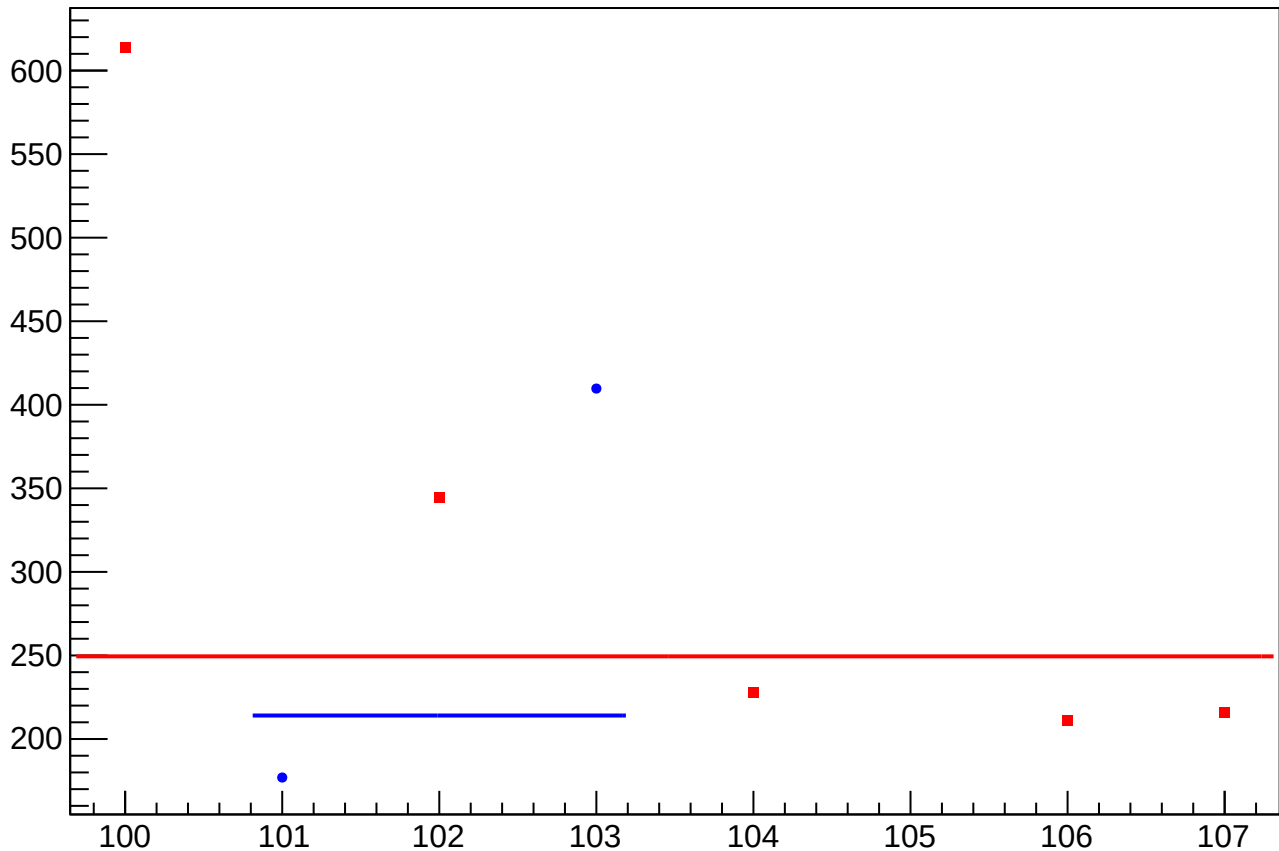
Right: 329.269 $\pm$ 146.086 χ^2 /NDF: 6.8/6

In: 505.908 $\pm$ 210.587 χ^2 /NDF:1.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 329.269 $\pm$ 146.086 χ^2 /NDF: 6.8/6

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 214.058 $\pm$ 0.149 χ^2 /NDF: 327392.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 249.464 $\pm$ 0.143 χ^2 /NDF: 177718.1/4

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

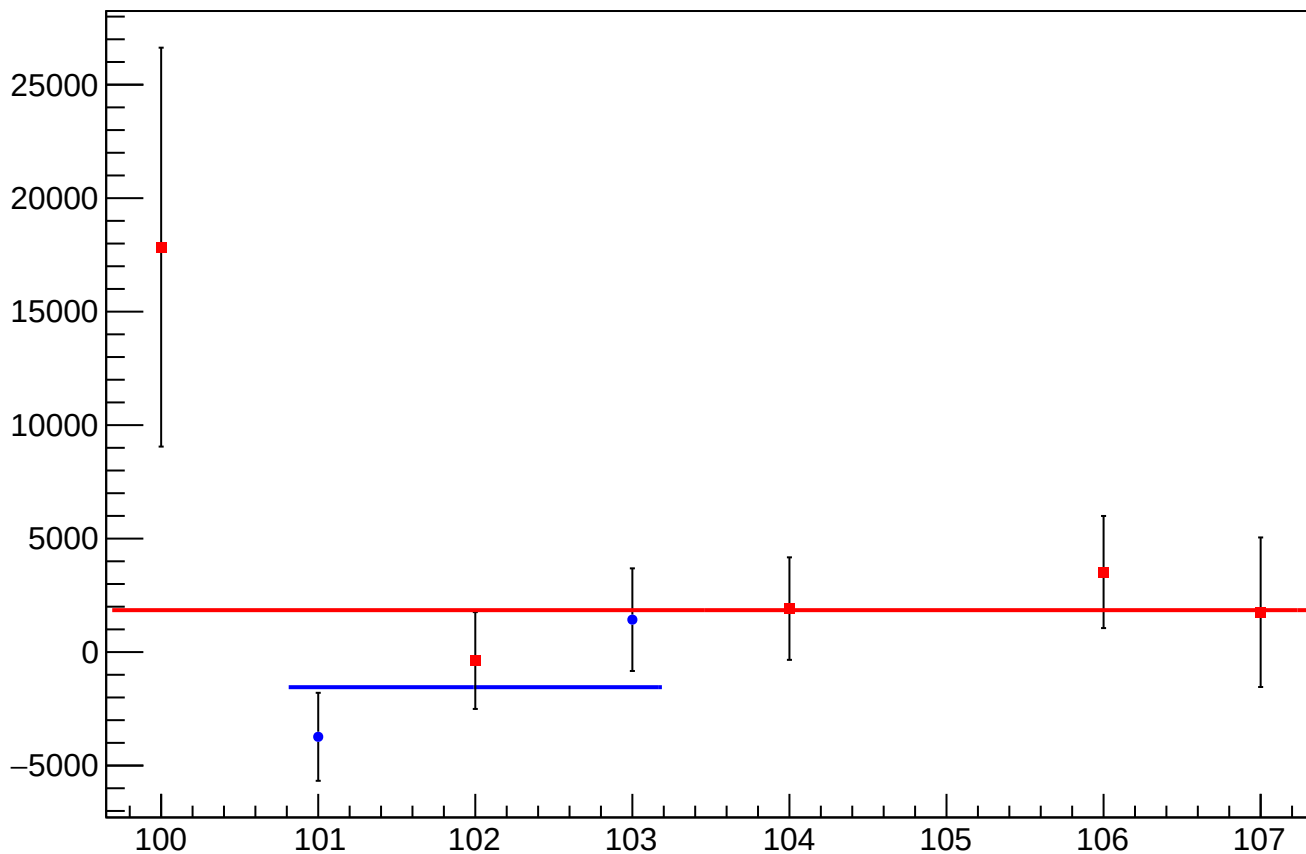
Right: 232.426 $\pm$ 0.103 χ^2 /NDF: 534437.9/6

In: 214.058 $\pm$ 0.149 χ^2 /NDF:327392.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 232.426 $\pm$ 0.103 χ^2 /NDF: 534437.9/6

asym_sam3_dit_correction_mean vs Slug, Sign Corrected



Right In: -1546.702+/-1471.504 χ^2/NDF : 3.0/1

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

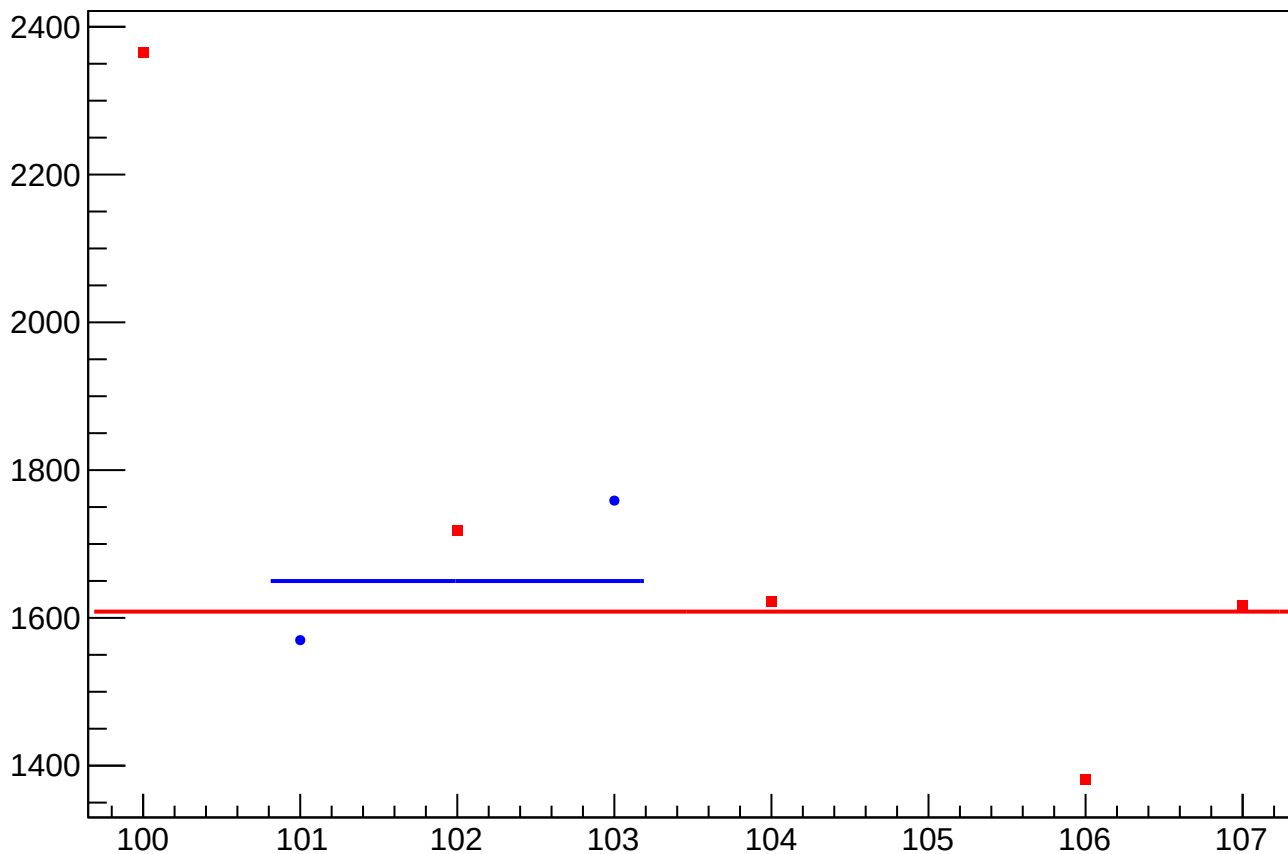
Right: 480.169+/-933.898 χ^2/NDF : 11.0/6

In: -1546.702+/-1471.504 χ^2/NDF : 3.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 480.169+/-933.898 χ^2/NDF : 11.0/6

asym_sam3_dit_correction_rms vs Slug, Sign Corrected



Right In: 1649.880+/-1.041 χ^2/NDF : 8041.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1608.507+/-0.855 χ^2/NDF : 37107.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

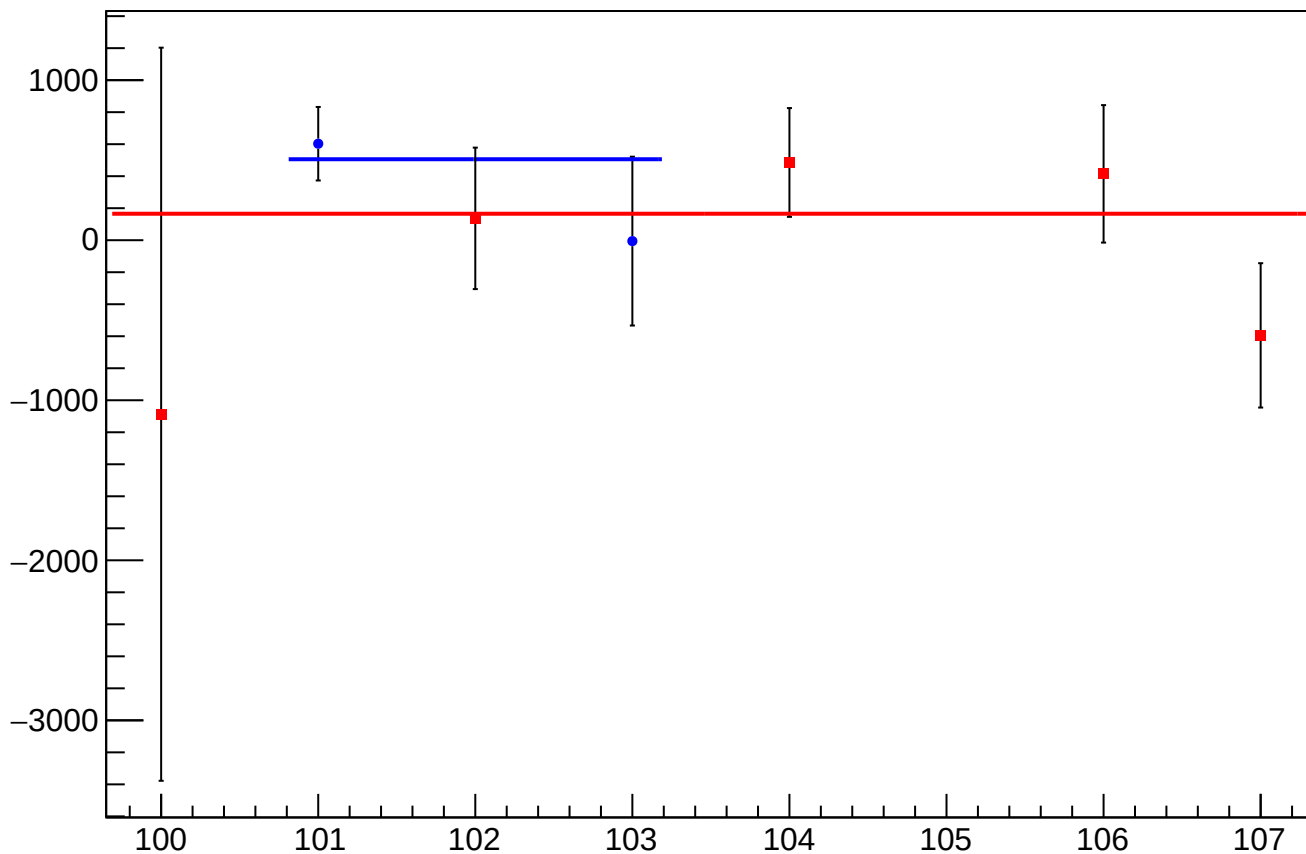
Right: 1625.171+/-0.660 χ^2/NDF : 46093.1/6

In: 1649.880+/-1.041 χ^2/NDF : 8041.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1625.171+/-0.660 χ^2/NDF : 46093.1/6

eigen_dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 505.918 $\pm$ 210.589 χ^2 /NDF: 1.1/1

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

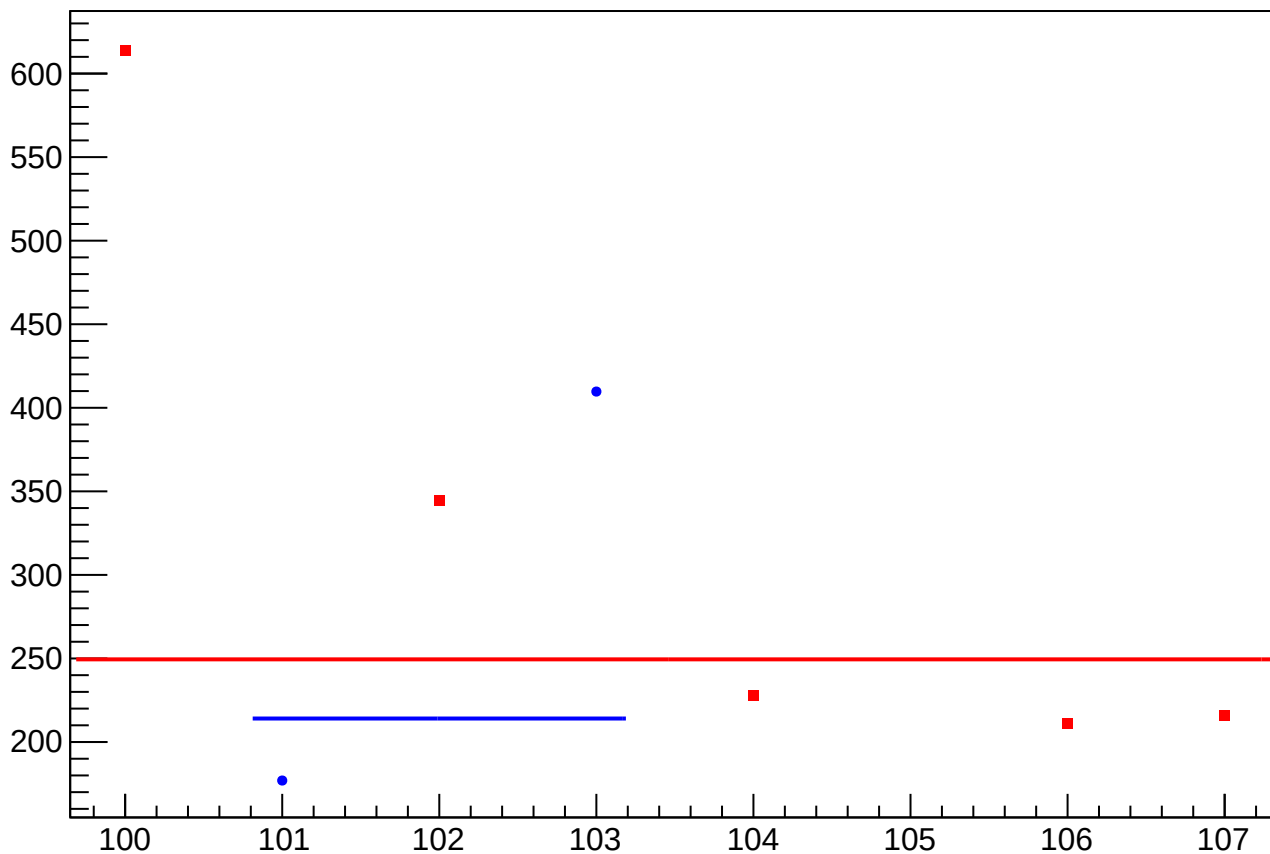
Right: 329.273 $\pm$ 146.087 χ^2 /NDF: 6.8/6

In: 505.918 $\pm$ 210.589 χ^2 /NDF:1.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 329.273 $\pm$ 146.087 χ^2 /NDF: 6.8/6

eigen_dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 214.061+/-0.149 χ^2/NDF : 327386.2/1

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

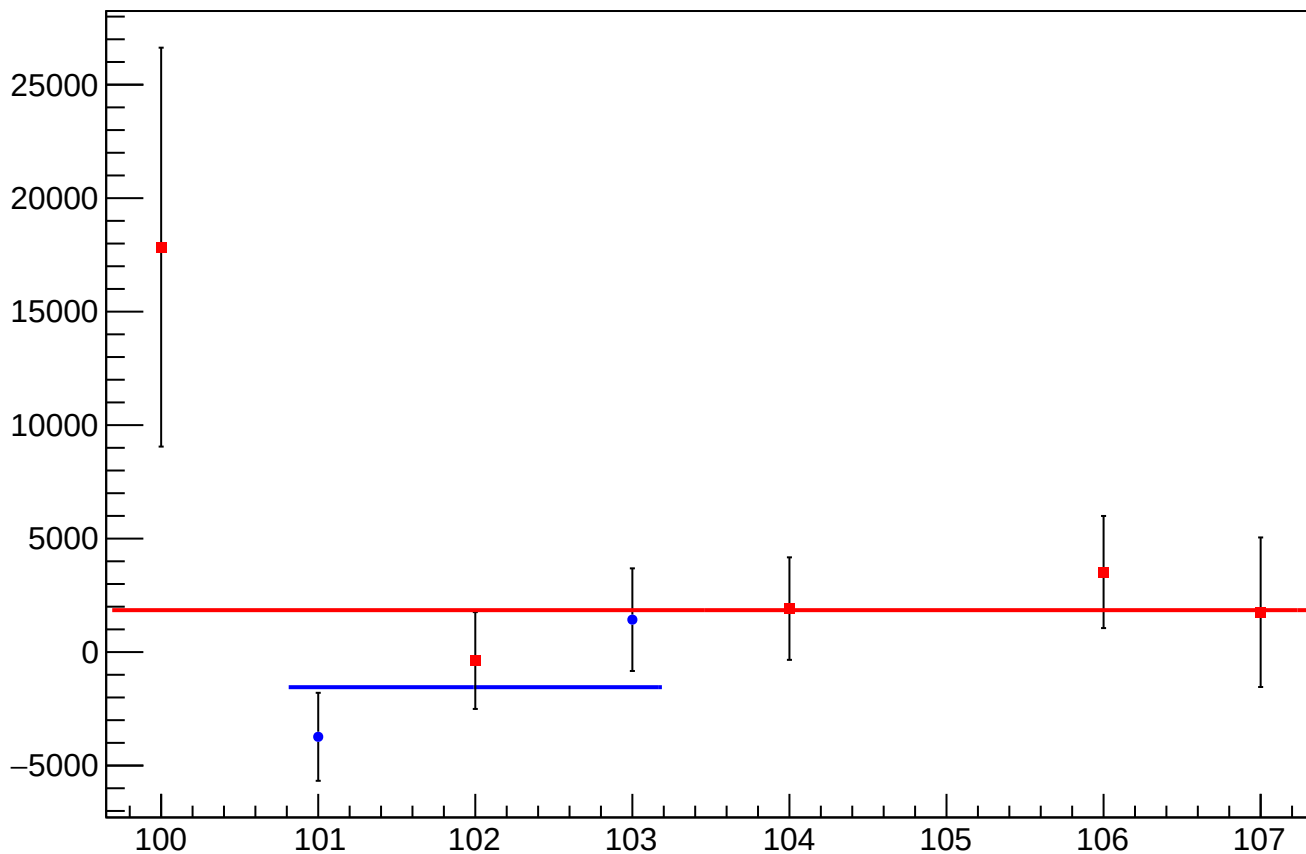
Right: 232.428+/-0.103 χ^2/NDF : 534431.0/6

In: 214.061+/-0.149 χ^2/NDF : 327386.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 232.428+/-0.103 χ^2/NDF : 534431.0/6

asym_sam3_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1546.695 $\pm$ 1471.498 χ^2 /NDF: 3.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1847.179 $\pm$ 1208.465 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

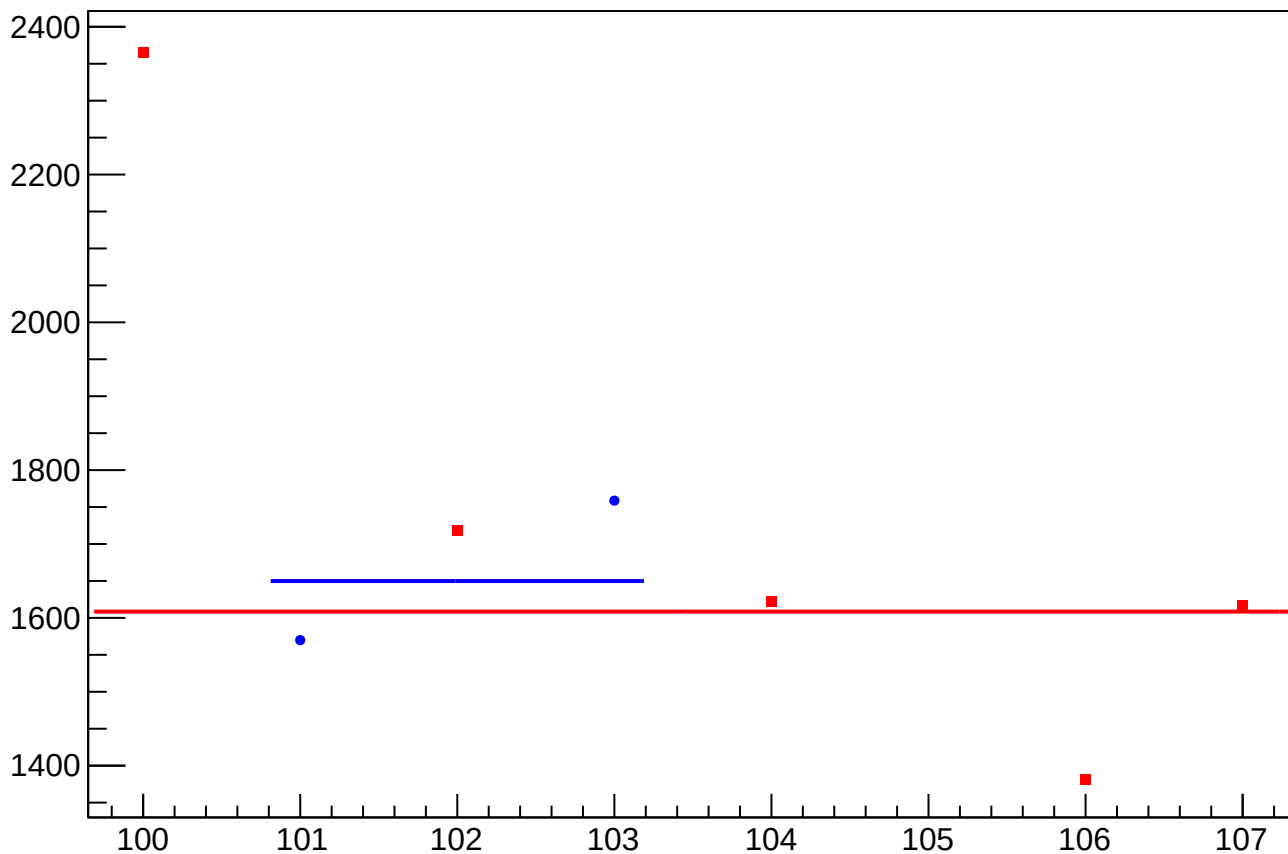
Right: 480.166 $\pm$ 933.895 χ^2 /NDF: 11.0/6

In: -1546.695 $\pm$ 1471.498 χ^2 /NDF: 3.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 480.166 $\pm$ 933.895 χ^2 /NDF: 11.0/6

asym_sam3_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1649.872+/-1.041 χ^2/NDF : 8041.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1608.502+/-0.855 χ^2/NDF : 37106.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

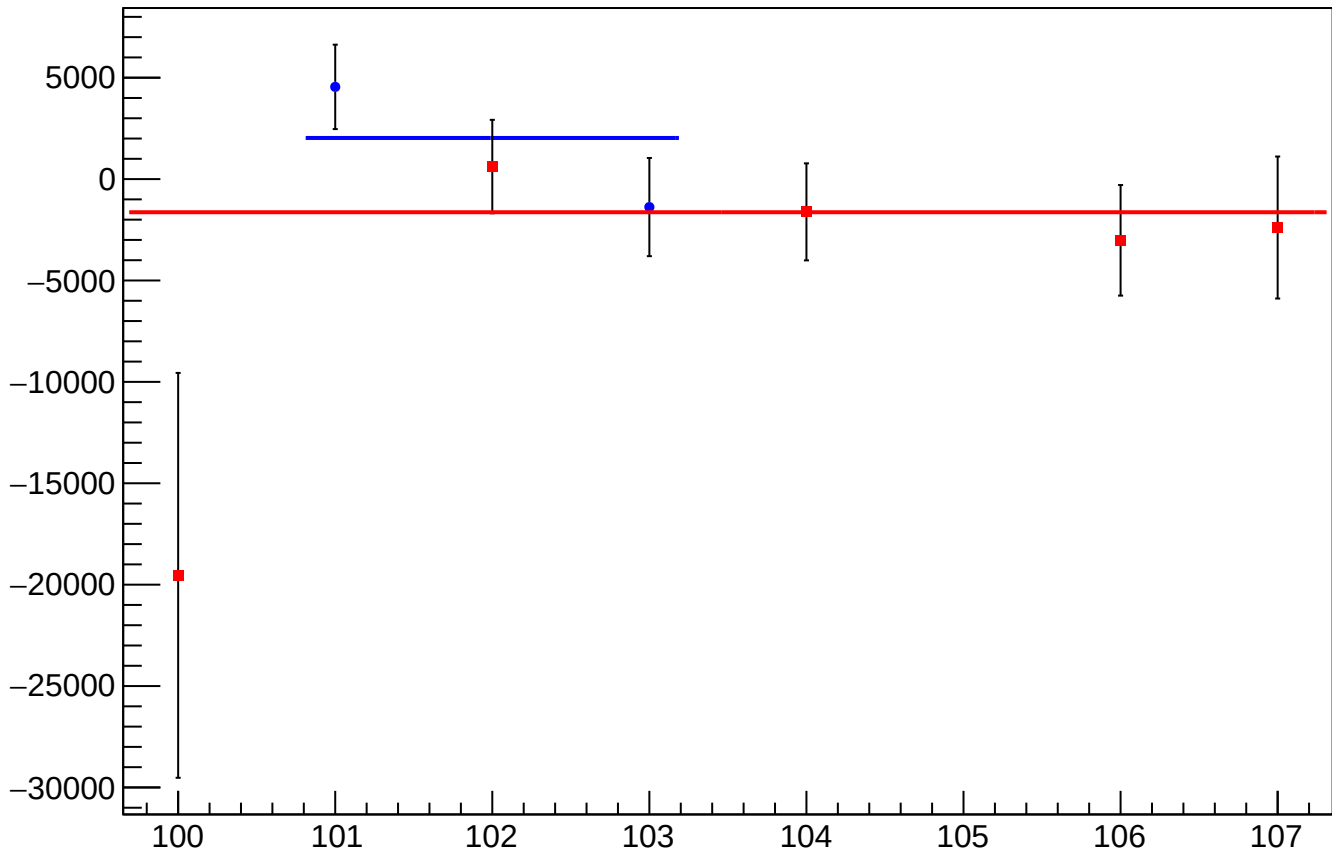
Right: 1625.166+/-0.660 χ^2/NDF : 46092.3/6

In: 1649.872+/-1.041 χ^2/NDF : 8041.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1625.166+/-0.660 χ^2/NDF : 46092.3/6

asym_sam3_mean vs Slug, Sign Corrected



Right In: 2028.507 $\pm$ 1578.230 χ^2 /NDF: 3.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1634.502 $\pm$ 1302.782 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

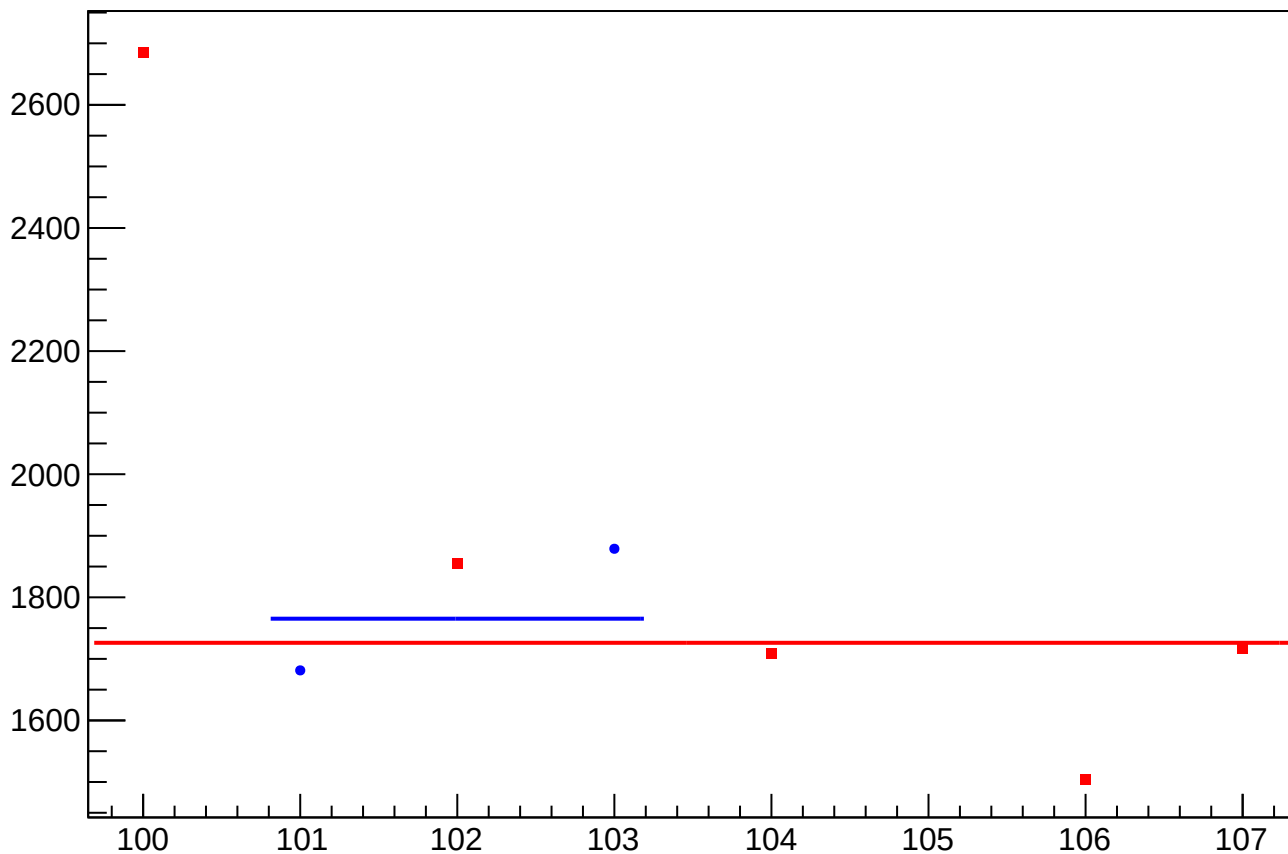
Right: -150.038 $\pm$ 1004.699 χ^2 /NDF: 11.1/6

In: 2028.507 $\pm$ 1578.230 χ^2 /NDF:3.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -150.038 $\pm$ 1004.699 χ^2 /NDF: 11.1/6

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1765.289+/-1.116 χ^2/NDF : 7659.2/1

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

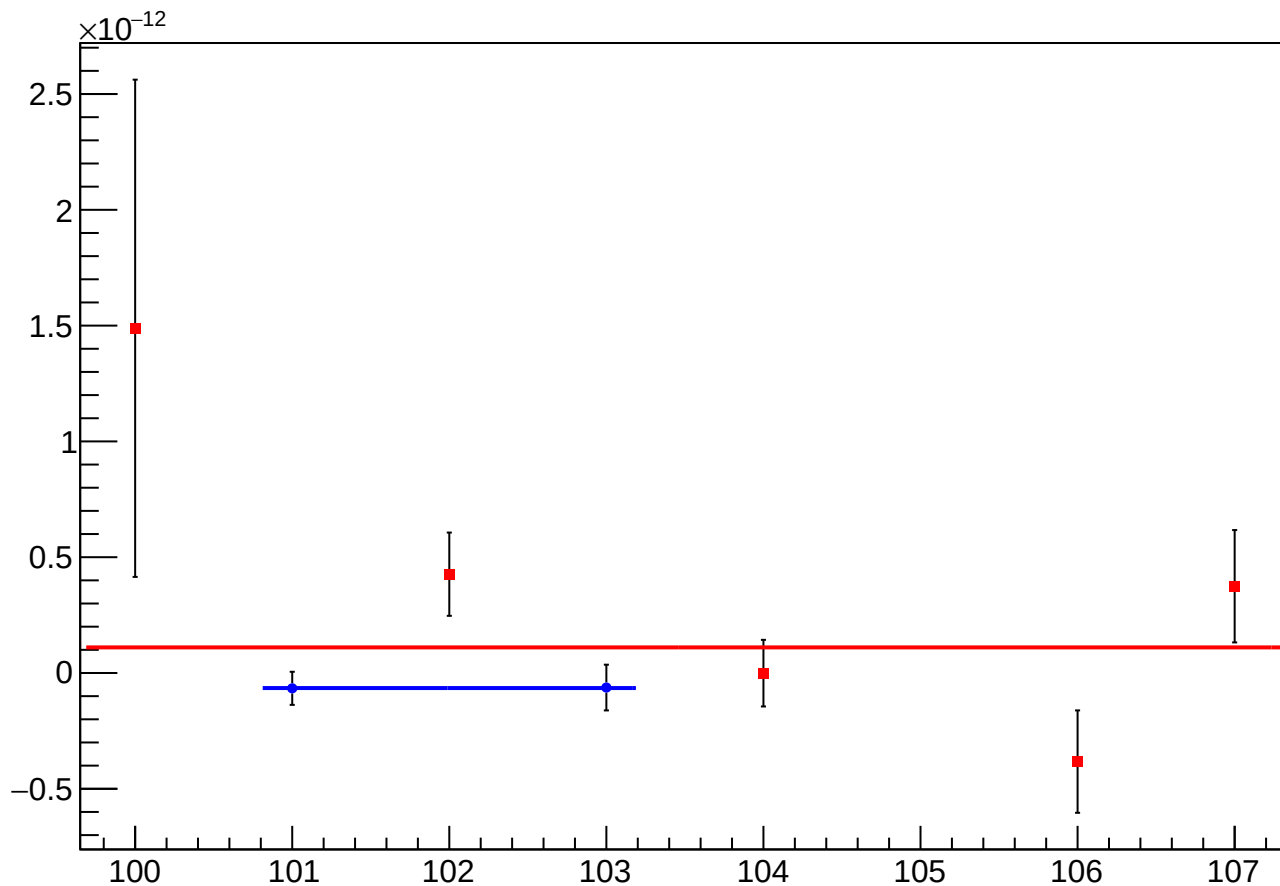
Right: 1741.997+/-0.710 χ^2/NDF : 46510.3/6

In: 1765.289+/-1.116 χ^2/NDF : 7659.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1741.997+/-0.710 χ^2/NDF : 46510.3/6

asym_sam3_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/1

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

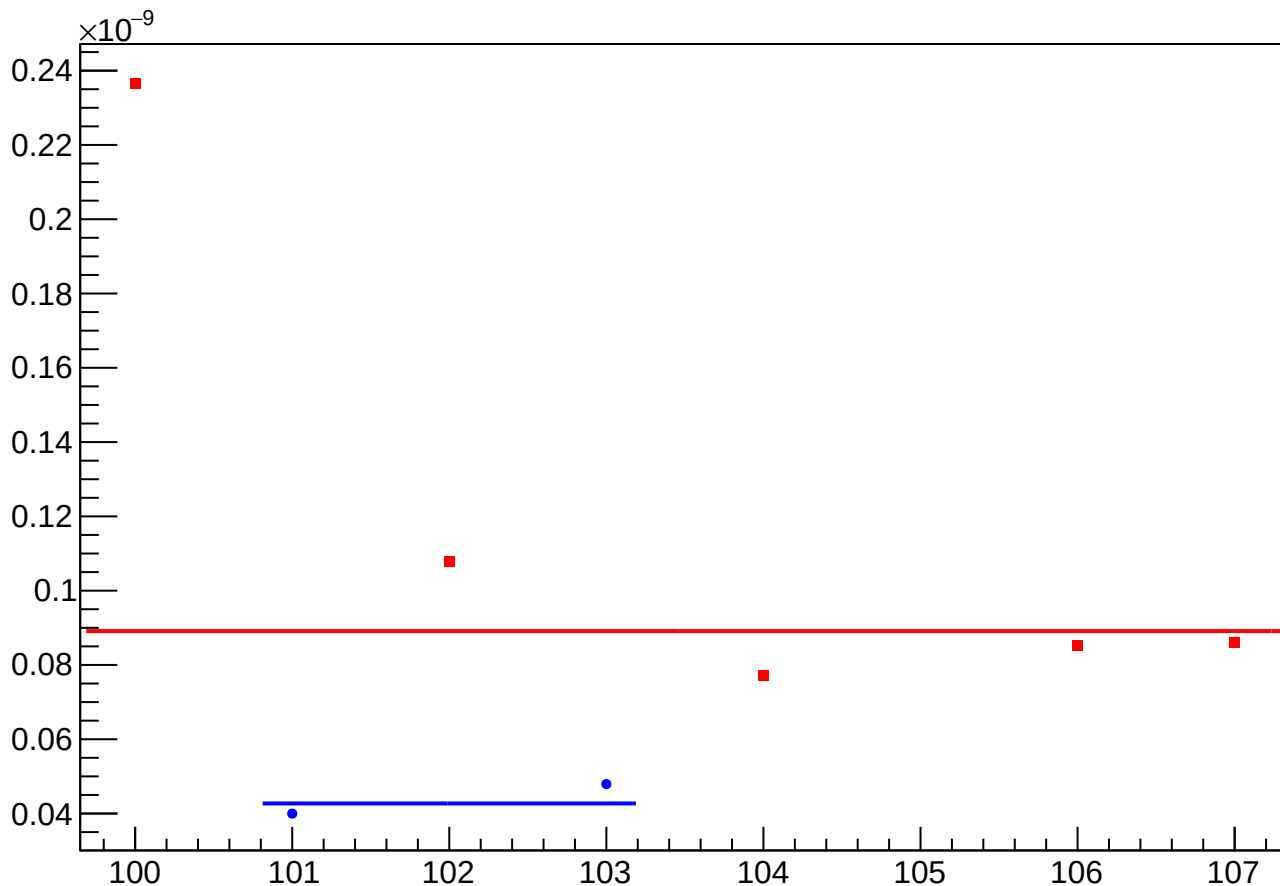
Right: -0.000+/-0.000 χ^2/NDF : 14.1/6

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.1/6

asym_sam3_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8518.1/1

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

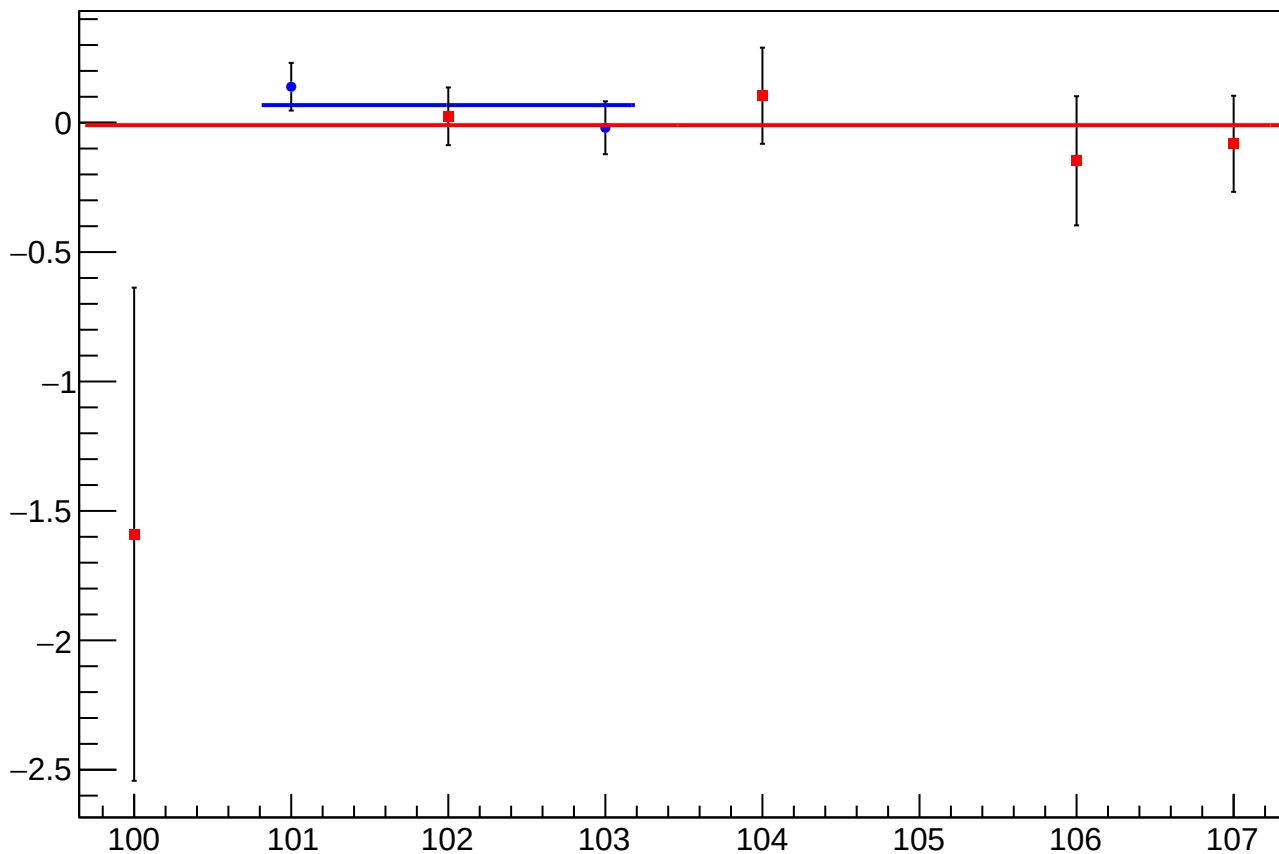
Right: 0.000+/-0.000 χ^2/NDF : 445588.8/6

In: 0.000+/-0.000 χ^2/NDF : 8518.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 445588.8/6

asym_sam3_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.068 χ^2 /NDF: 1.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.010 $\pm$ 0.080 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

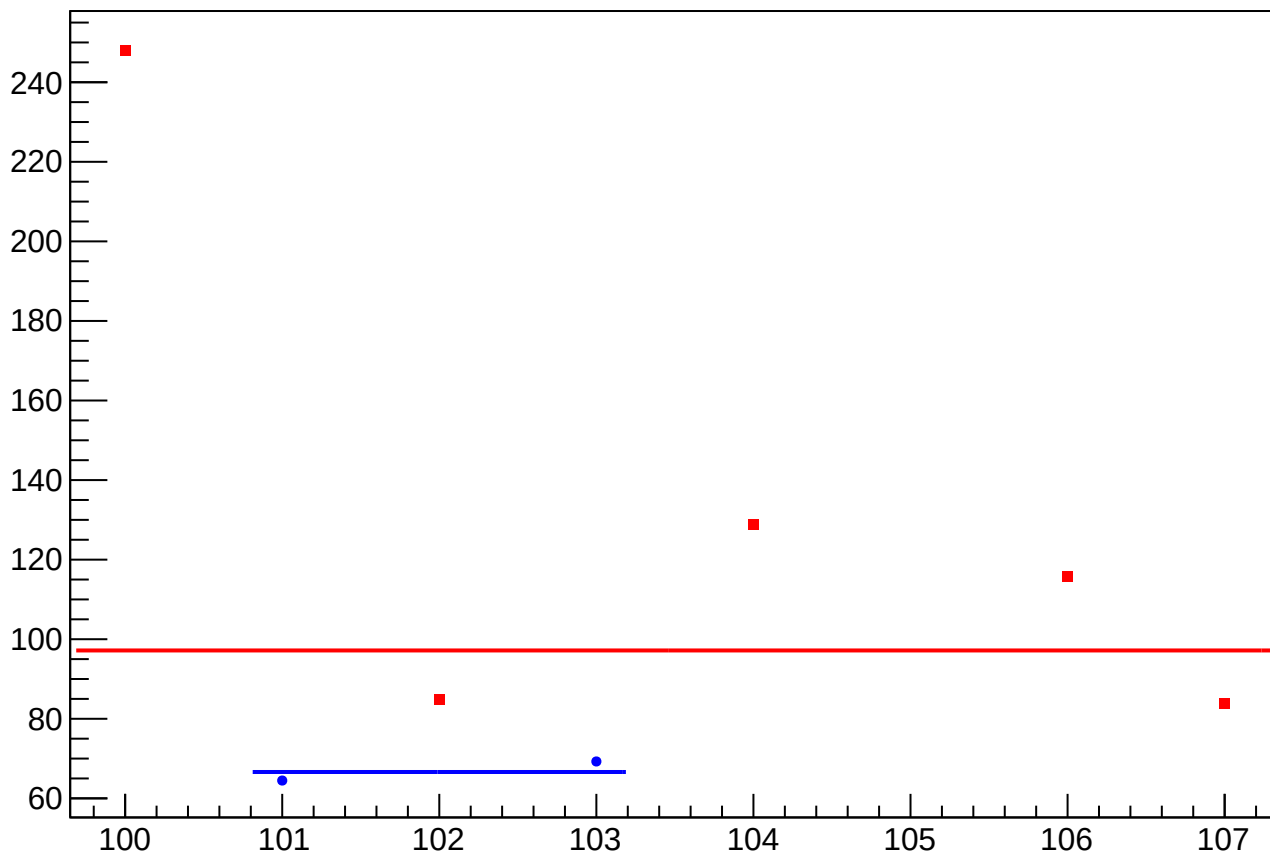
Right: 0.035 $\pm$ 0.052 χ^2 /NDF: 5.5/6

In: 0.068 $\pm$ 0.068 χ^2 /NDF:1.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.035 $\pm$ 0.052 χ^2 /NDF: 5.5/6

asym_sam3_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.626 $\pm$ 0.048 χ^2 /NDF: 2430.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 97.176 $\pm$ 0.057 χ^2 /NDF: 154211.8/4

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

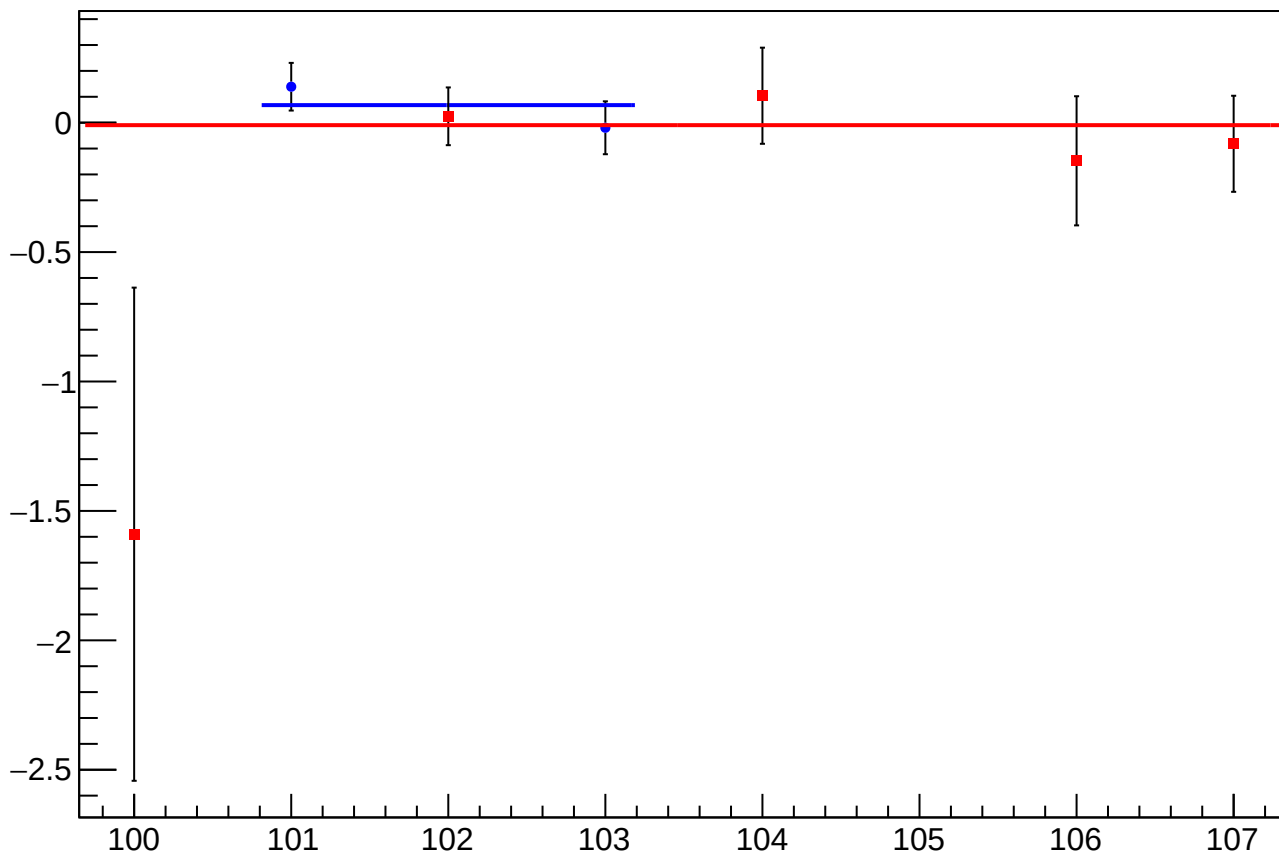
Right: 79.495 $\pm$ 0.037 χ^2 /NDF: 324728.7/6

In: 66.626 $\pm$ 0.048 χ^2 /NDF:2430.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 79.495 $\pm$ 0.037 χ^2 /NDF: 324728.7/6

asym_sam3_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.068 χ^2 /NDF: 1.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.010 $\pm$ 0.080 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

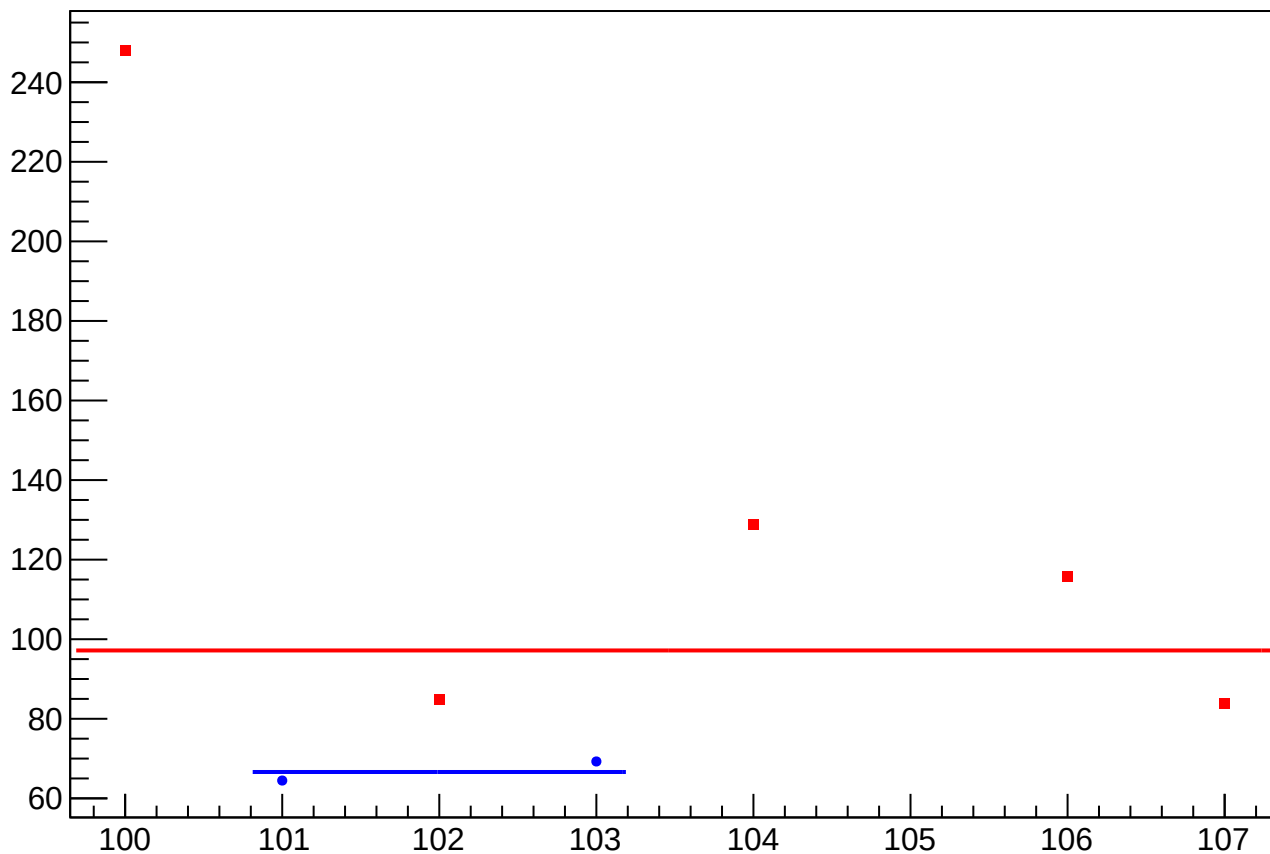
Right: 0.035 $\pm$ 0.052 χ^2 /NDF: 5.5/6

In: 0.068 $\pm$ 0.068 χ^2 /NDF: 1.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.035 $\pm$ 0.052 χ^2 /NDF: 5.5/6

asym_sam3_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.626 $\pm$ 0.048 χ^2 /NDF: 2430.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 97.176 $\pm$ 0.057 χ^2 /NDF: 154211.8/4

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

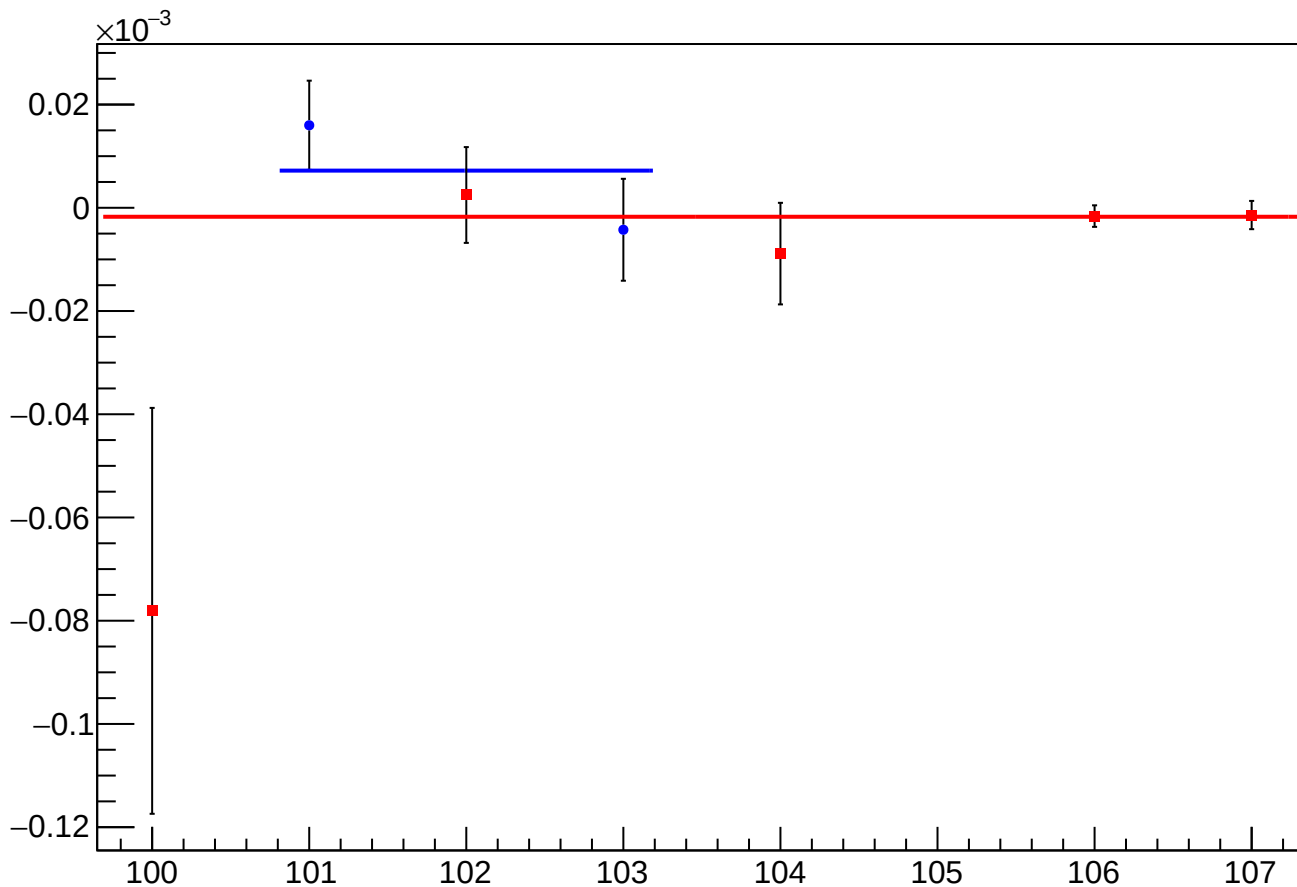
Right: 79.495 $\pm$ 0.037 χ^2 /NDF: 324728.7/6

In: 66.626 $\pm$ 0.048 χ^2 /NDF:2430.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 79.495 $\pm$ 0.037 χ^2 /NDF: 324728.7/6

asym_sam3_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 2.4/1

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

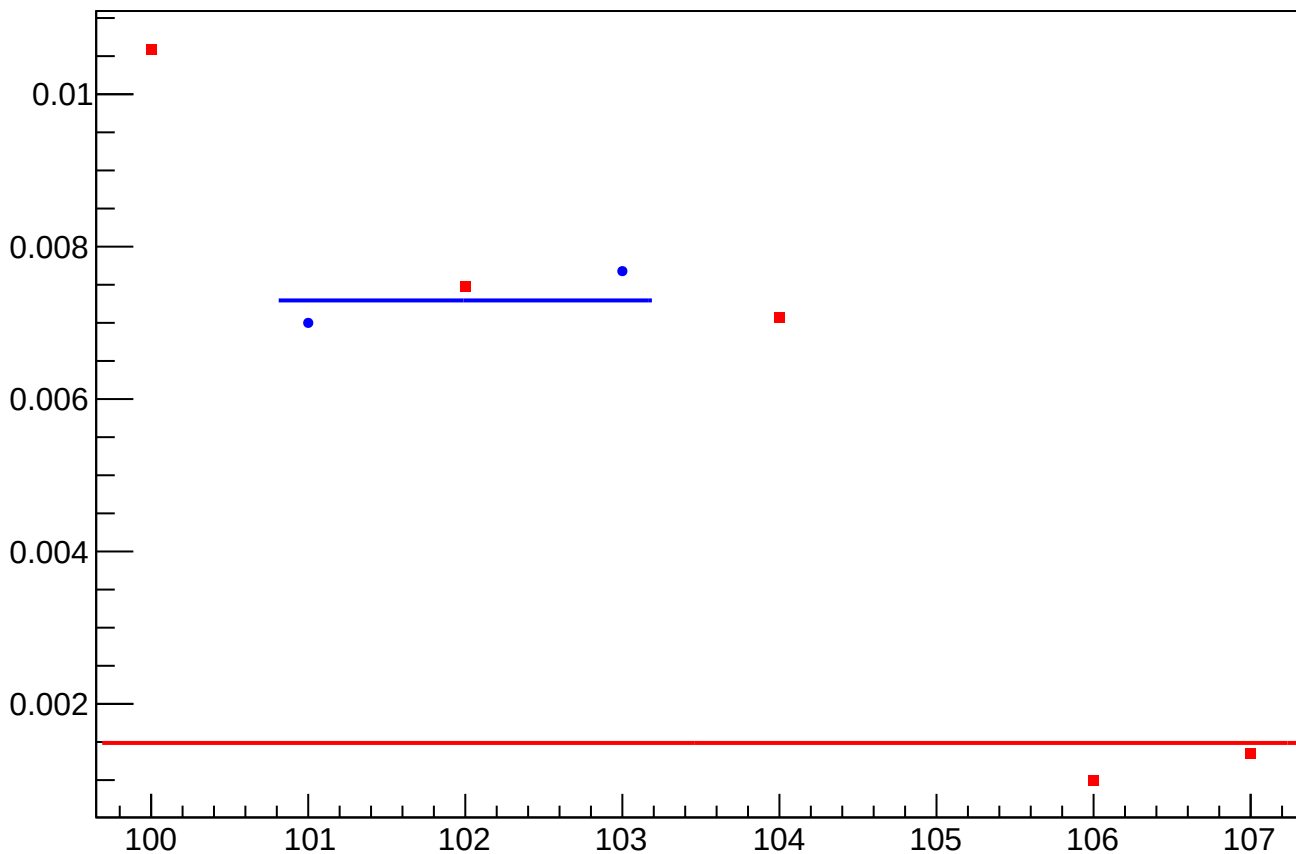
Right: -0.000+/-0.000 χ^2 /NDF: 8.7/6

In: 0.000+/-0.000 χ^2 /NDF:2.4/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 8.7/6

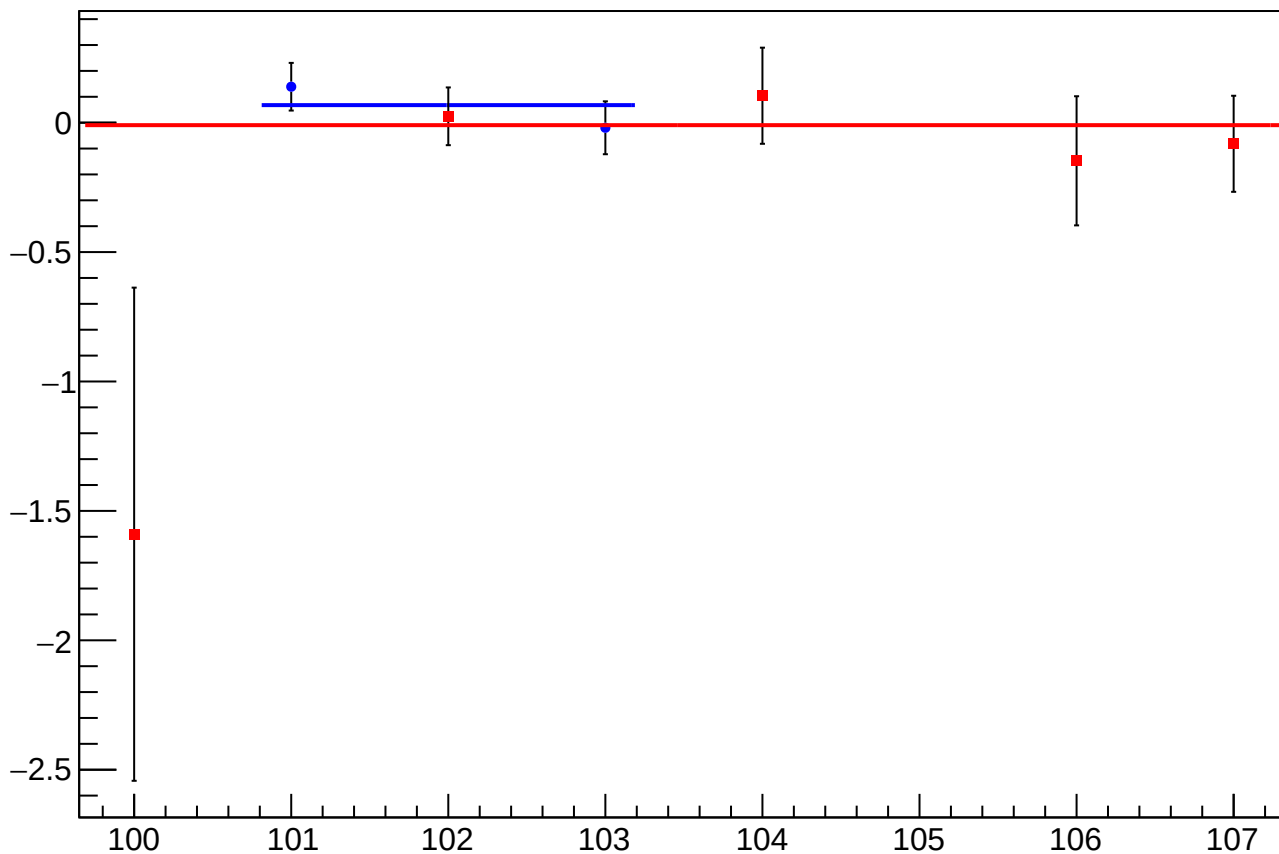
asym_sam3_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 5357.6/1
 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 : 3208431.0/6
 In: 0.007+/-0.000 χ^2/NDF : 5357.6/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.002+/-0.000 χ^2/NDF : 3208431.0/6

asym_sam3_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.068 χ^2 /NDF: 1.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.010 $\pm$ 0.080 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

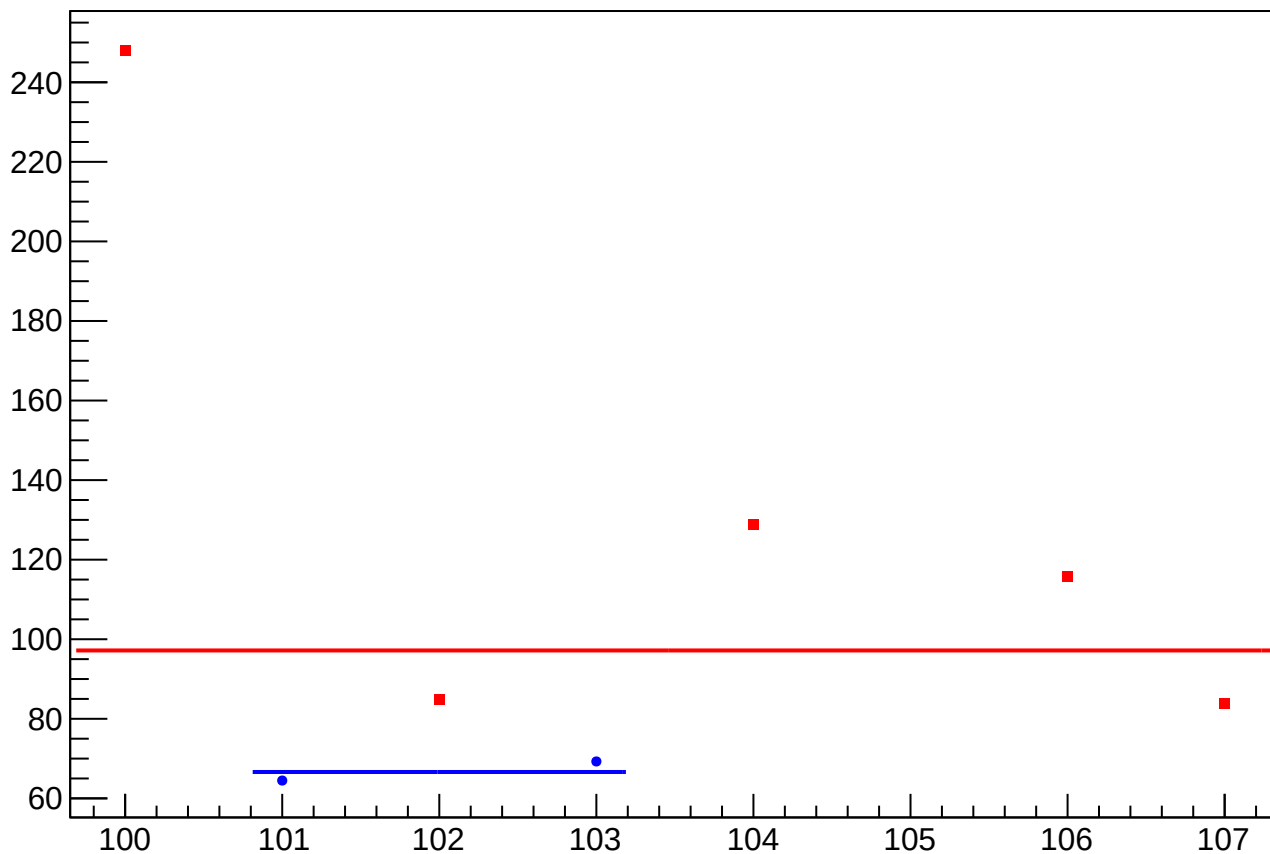
Right: 0.035 $\pm$ 0.052 χ^2 /NDF: 5.5/6

In: 0.068 $\pm$ 0.068 χ^2 /NDF: 1.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.035 $\pm$ 0.052 χ^2 /NDF: 5.5/6

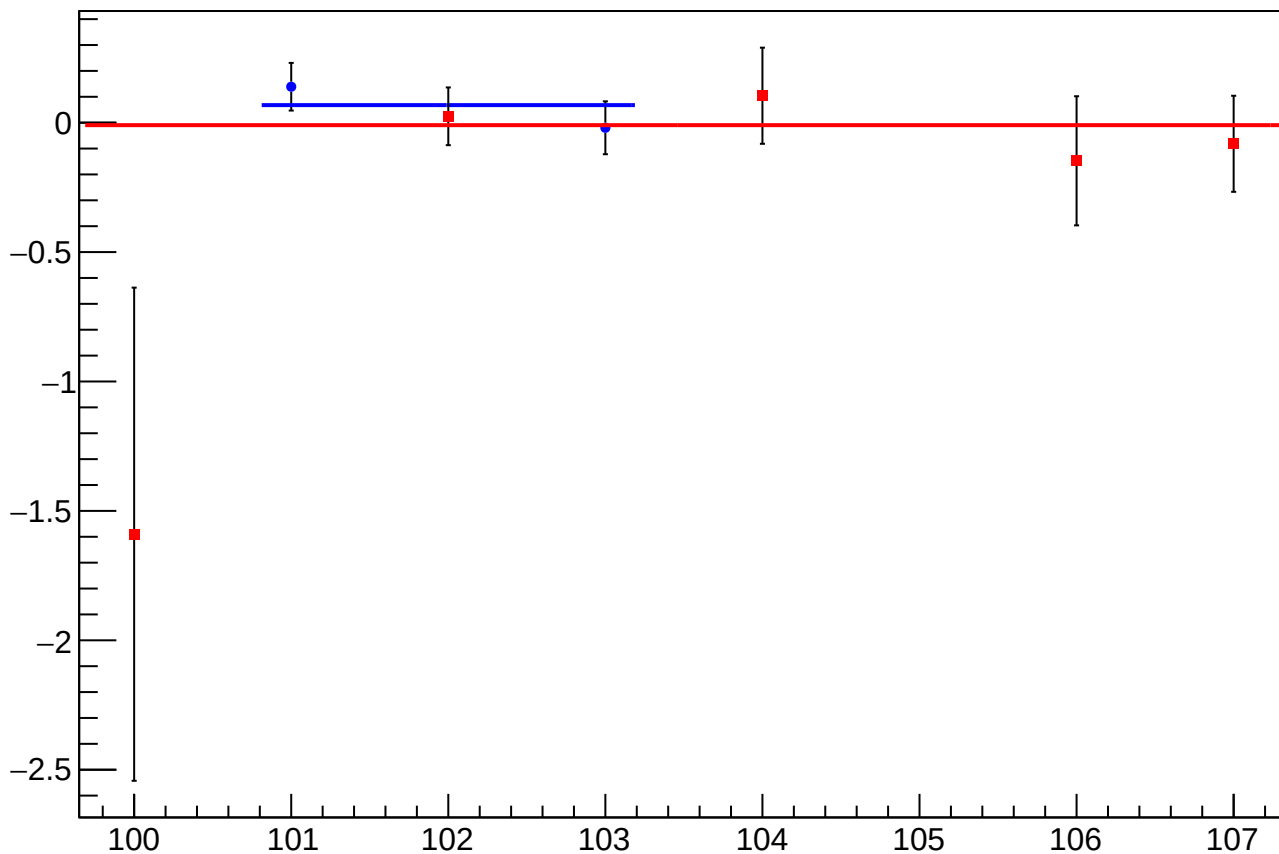
asym_sam3_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.632 +/- 0.048 χ^2/NDF : 2433.0/1
 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: 79.502 +/- 0.037 χ^2/NDF : 324697.6/6
 In: 66.632 +/- 0.048 χ^2/NDF : 2433.0/1
 Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 All: 79.502 +/- 0.037 χ^2/NDF : 324697.6/6

asym_sam3_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.068 χ^2 /NDF: 1.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.010 $\pm$ 0.080 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

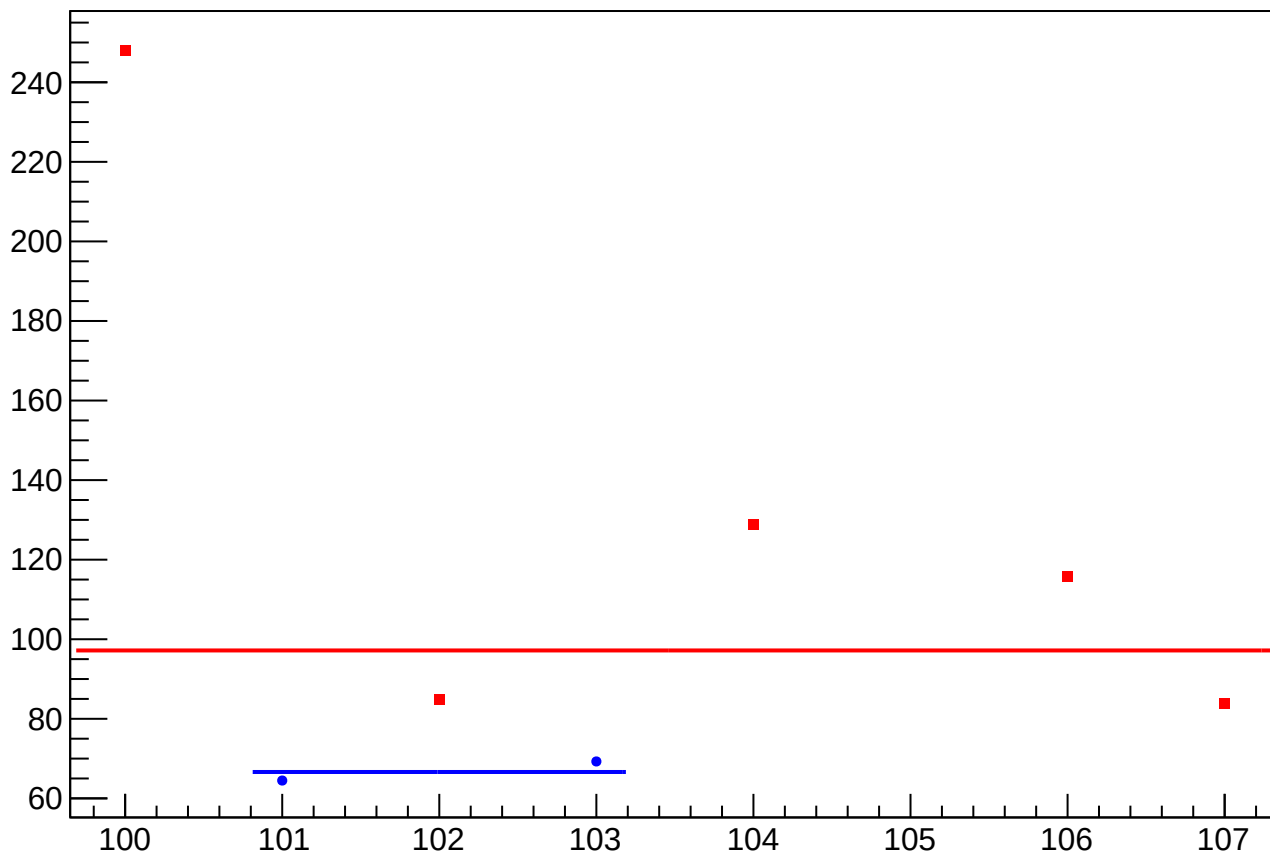
Right: 0.035 $\pm$ 0.052 χ^2 /NDF: 5.5/6

In: 0.068 $\pm$ 0.068 χ^2 /NDF:1.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.035 $\pm$ 0.052 χ^2 /NDF: 5.5/6

asym_sam3_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.632 +/- 0.048 χ^2/NDF : 2433.0/1

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

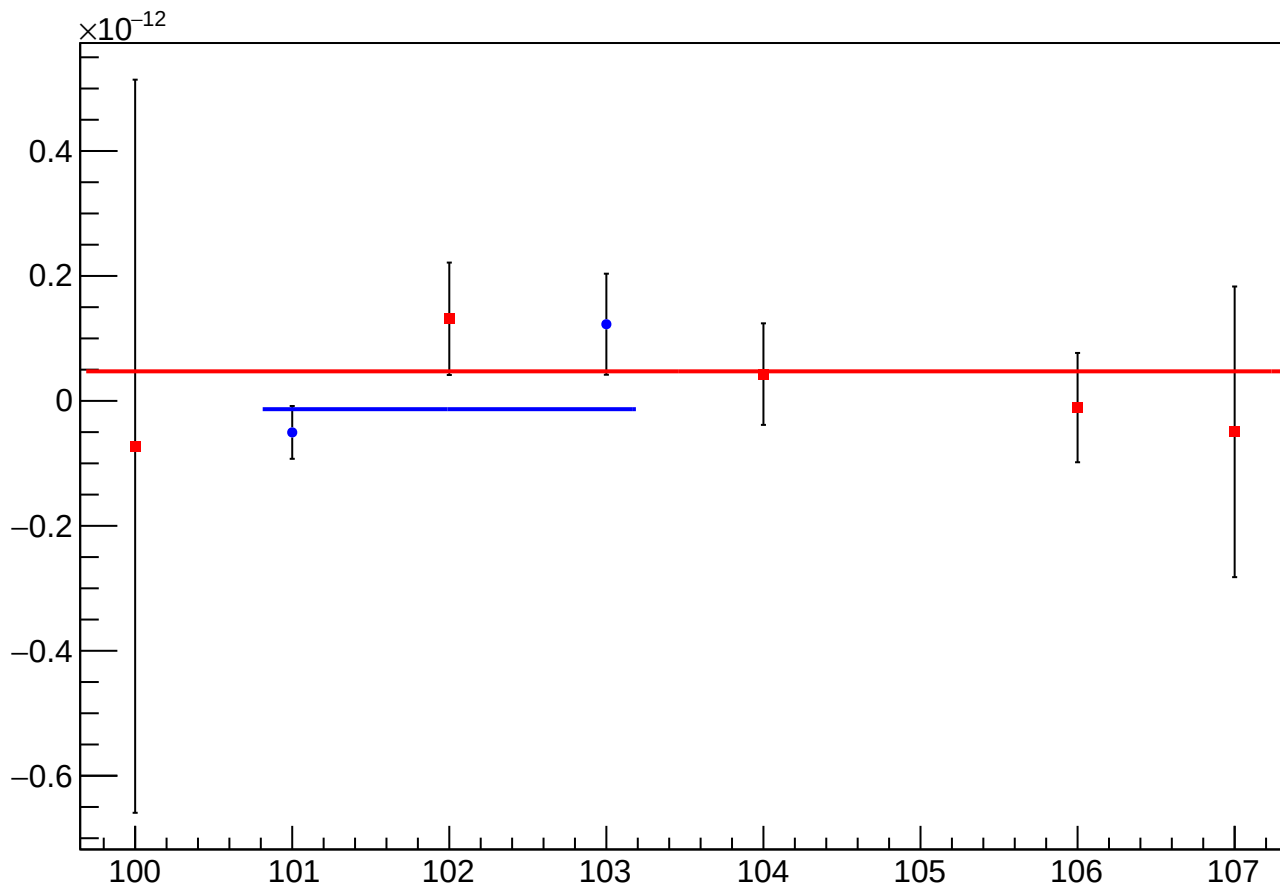
Right: 79.502 +/- 0.037 χ^2/NDF : 324697.6/6

In: 66.632 +/- 0.048 χ^2/NDF : 2433.0/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 79.502 +/- 0.037 χ^2/NDF : 324697.6/6

asym_sam3_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.6/1

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

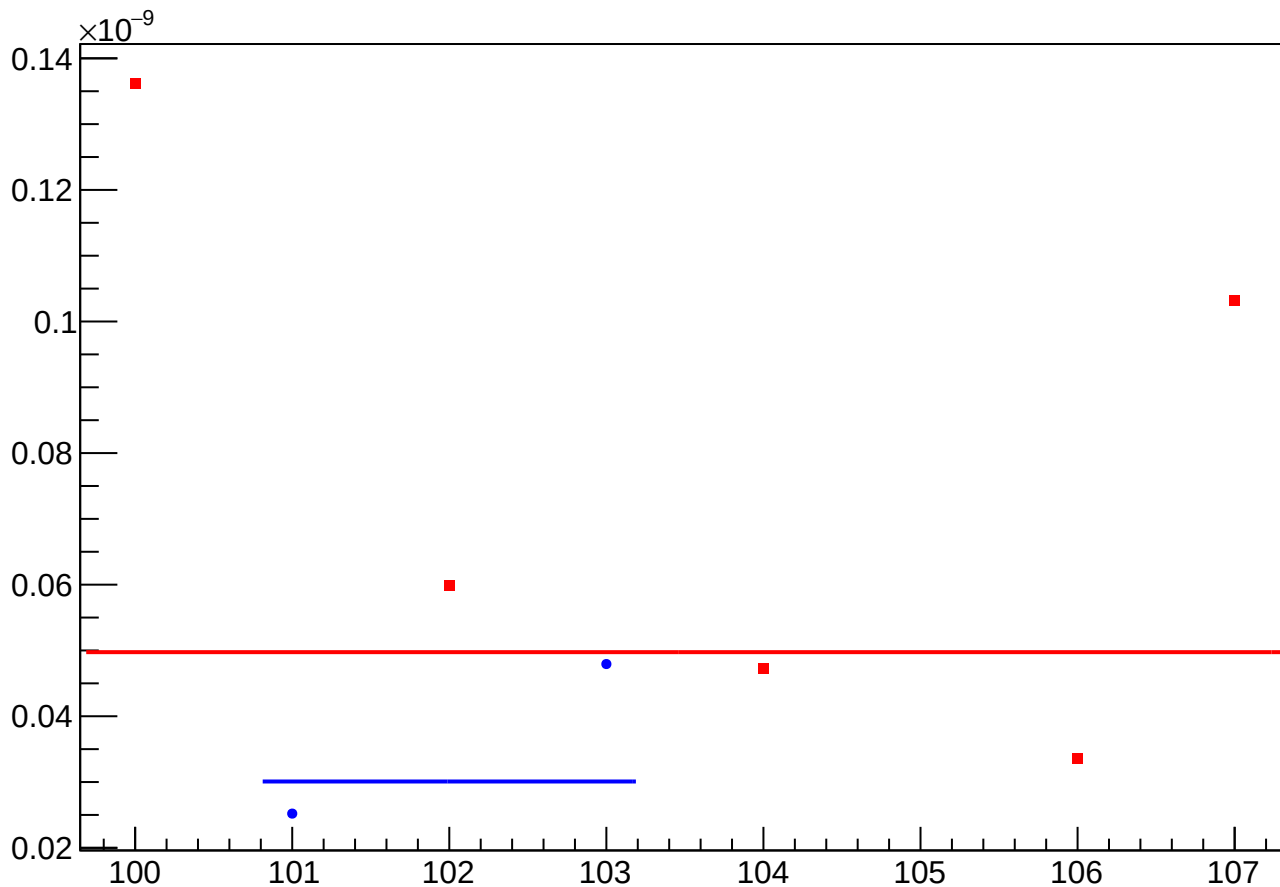
Right: 0.000+/-0.000 χ^2/NDF : 6.1/6

In: -0.000+/-0.000 χ^2/NDF : 3.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.1/6

asym_sam3_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 124138.7/1

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

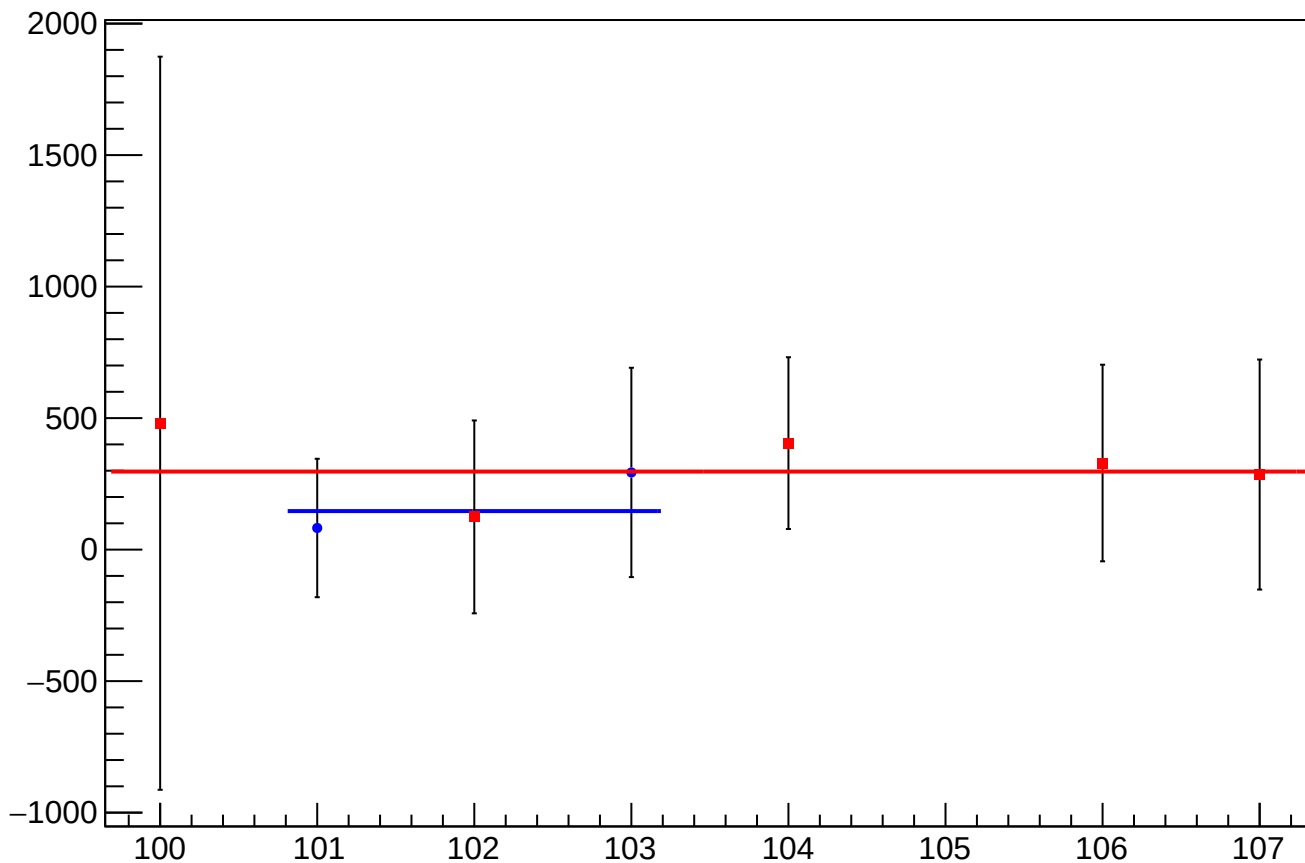
Right: 0.000+/-0.000 χ^2/NDF : 575081.7/6

In: 0.000+/-0.000 χ^2/NDF : 124138.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 575081.7/6

reg_asym_sam4_mean vs Slug, Sign Corrected



Right In: 146.484 $\pm$ 219.519 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 296.728 $\pm$ 183.441 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

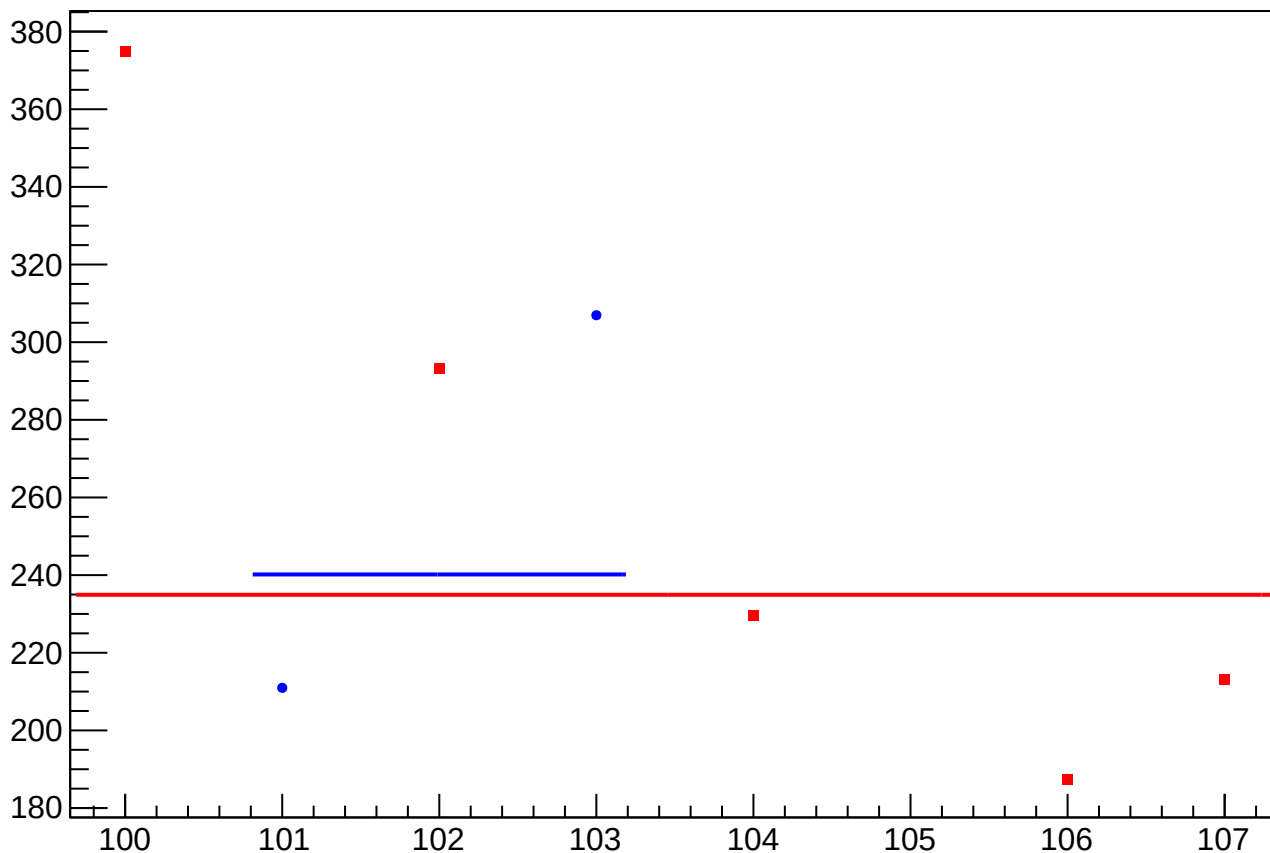
Right: 234.951 $\pm$ 140.763 χ^2 /NDF: 0.8/6

In: 146.484 $\pm$ 219.519 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 234.951 $\pm$ 140.763 χ^2 /NDF: 0.8/6

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 240.170+/-0.155 χ^2/NDF : 80941.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 234.934+/-0.130 χ^2/NDF : 108705.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

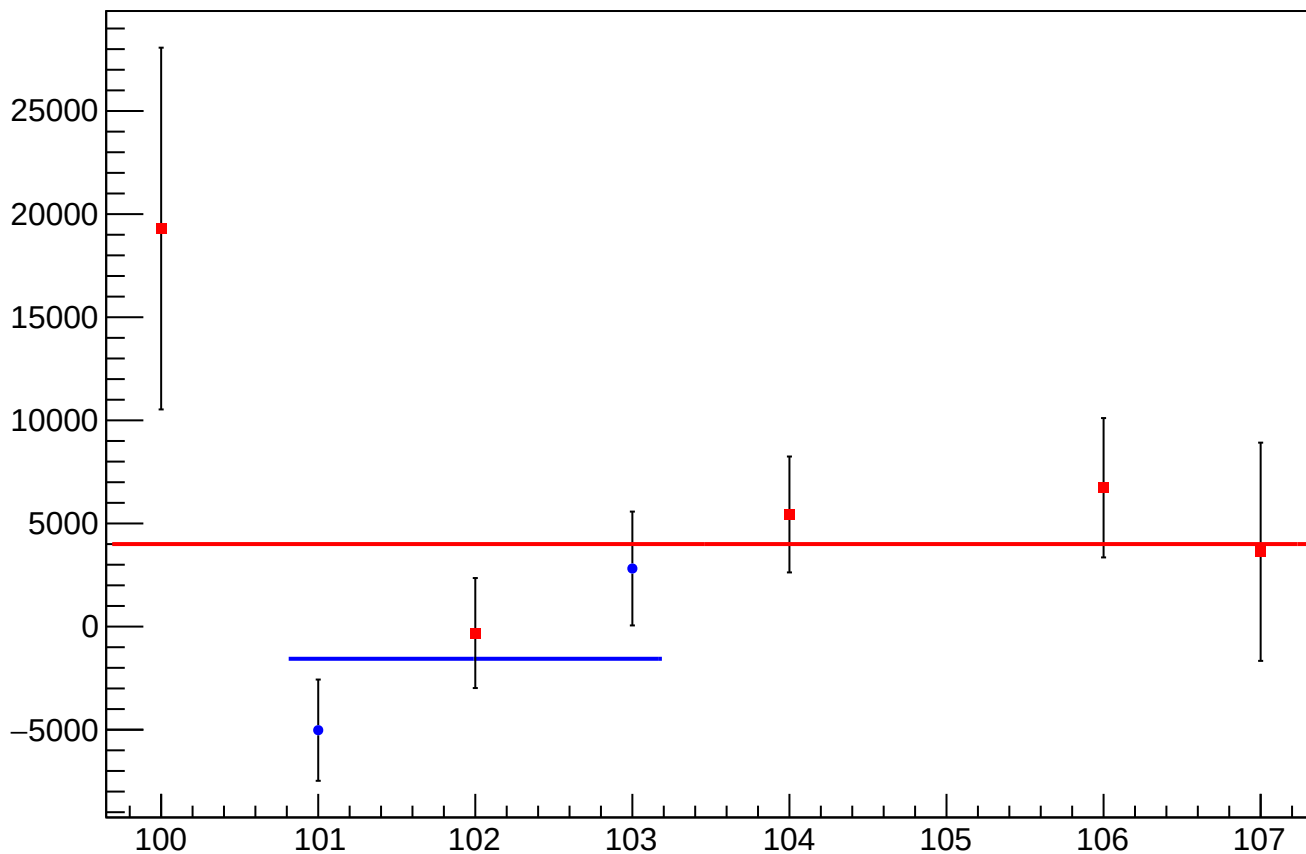
Right: 237.087+/-0.100 χ^2/NDF : 190316.9/6

In: 240.170+/-0.155 χ^2/NDF : 80941.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 237.087+/-0.100 χ^2/NDF : 190316.9/6

asym_sam4_reg_correction_mean vs Slug, Sign Corrected



Right In: -1560.864+/-1834.222 χ^2/NDF : 4.5/1

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

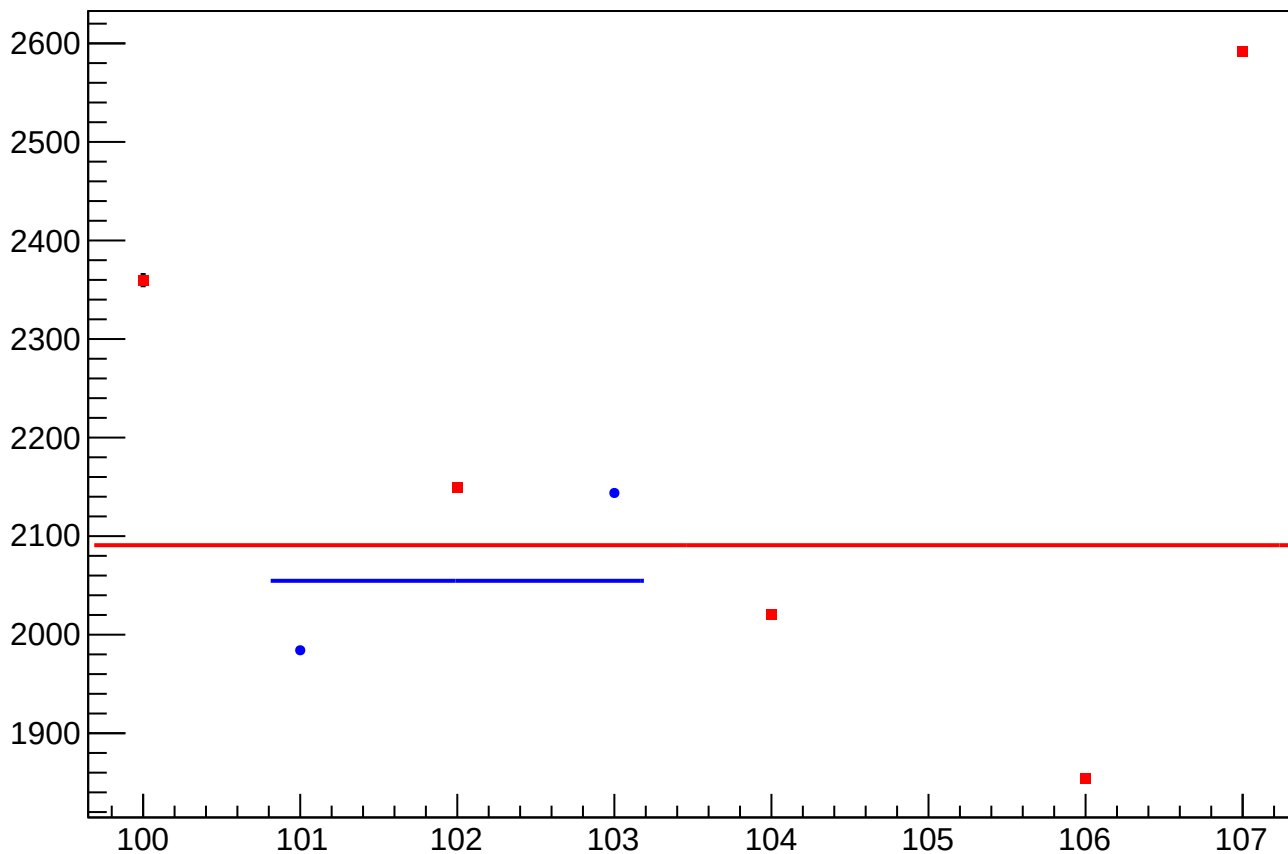
Right: 1642.099+/-1194.584 χ^2/NDF : 16.4/6

In: -1560.864+/-1834.222 χ^2/NDF : 4.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1642.099+/-1194.584 χ^2/NDF : 16.4/6

asym_sam4_reg_correction_rms vs Slug, Sign Corrected



Right In: 2054.678+/-1.297 χ^2/NDF : 3734.5/1

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

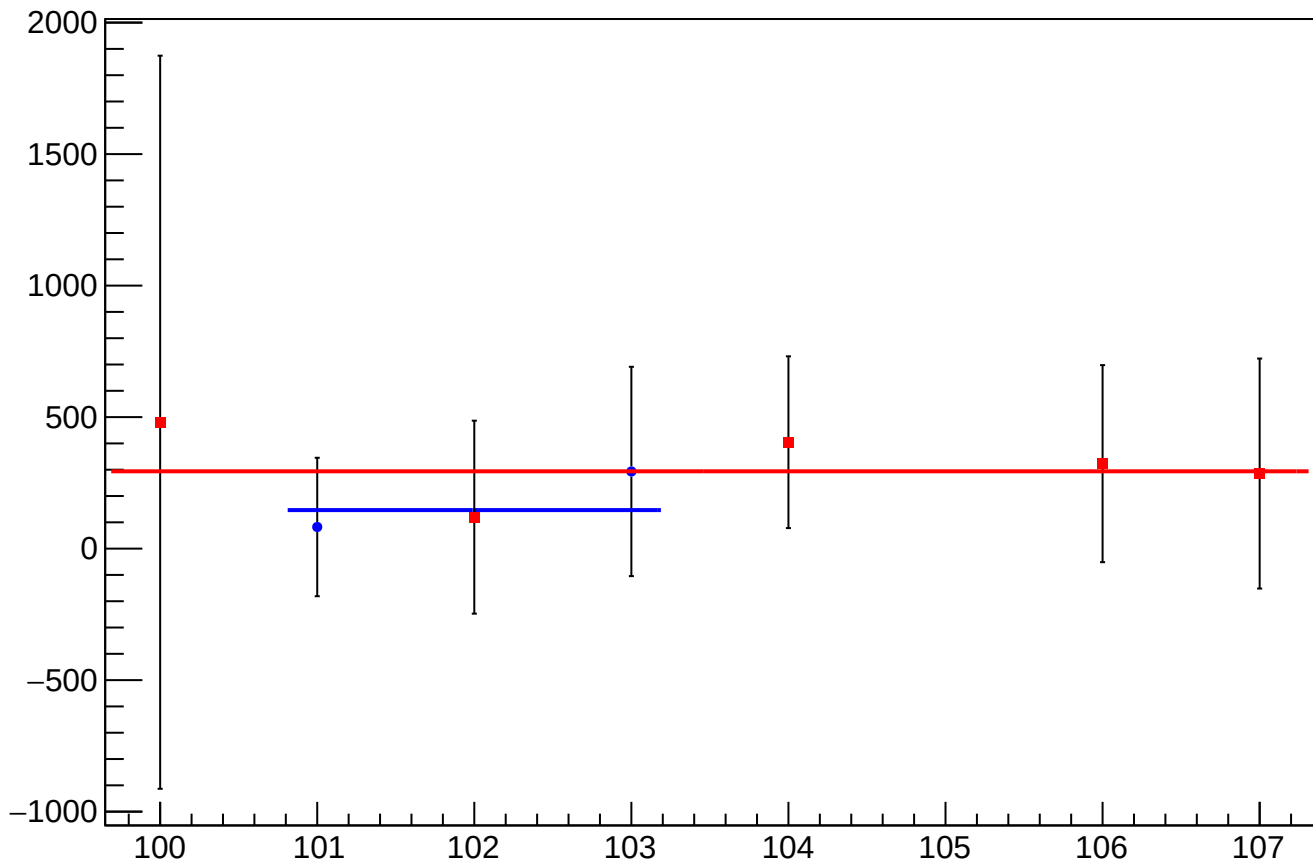
Right: 2075.483+/-0.845 χ^2/NDF : 36012.5/6

In: 2054.678+/-1.297 χ^2/NDF : 3734.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2075.483+/-0.845 χ^2/NDF : 36012.5/6

cor_asym_sam4_mean vs Slug, Sign Corrected



Right In: 146.466 $\pm$ 219.519 χ^2 /NDF: 0.2/1

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

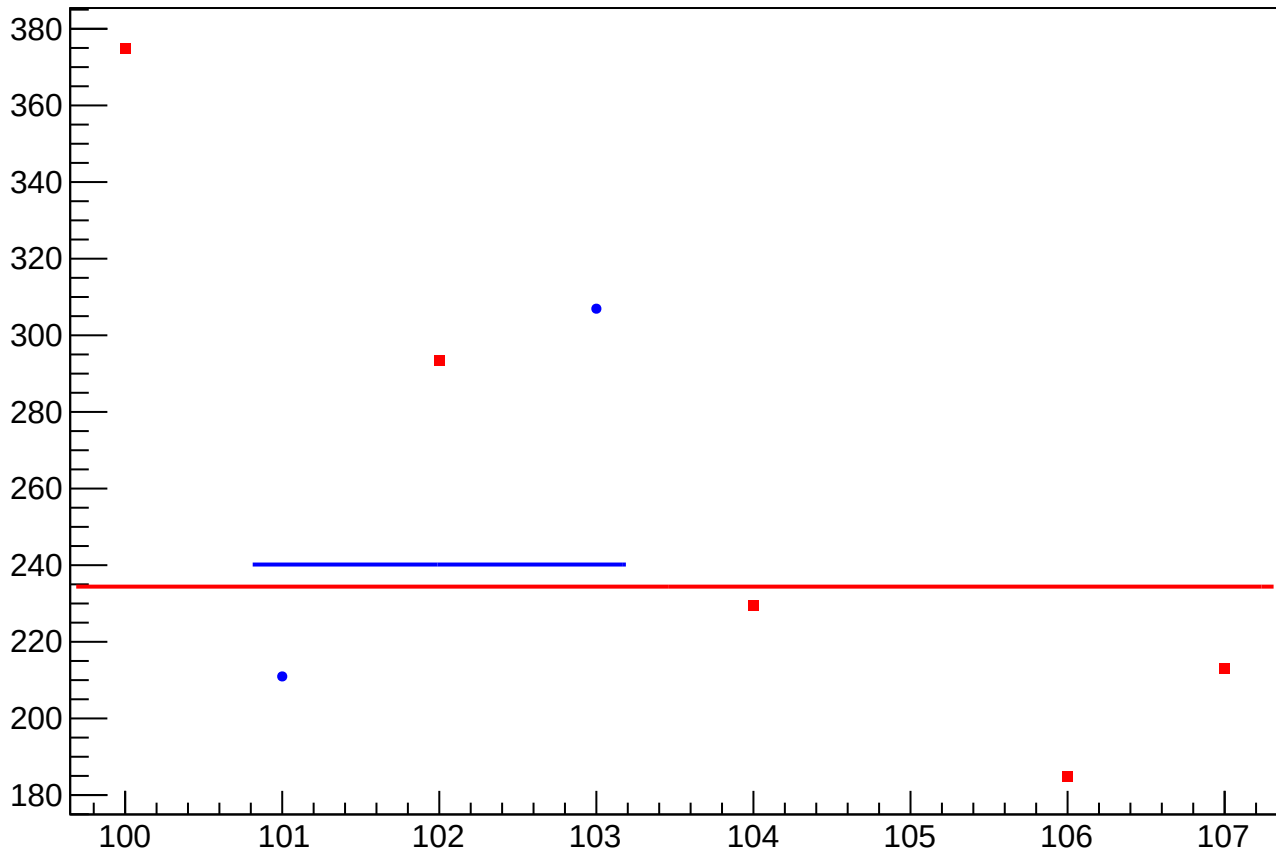
Right: 233.274 $\pm$ 140.819 χ^2 /NDF: 0.8/6

In: 146.466 $\pm$ 219.519 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 233.274 $\pm$ 140.819 χ^2 /NDF: 0.8/6

cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 240.170 $\pm$ 0.155 χ^2 /NDF: 80943.4/1

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

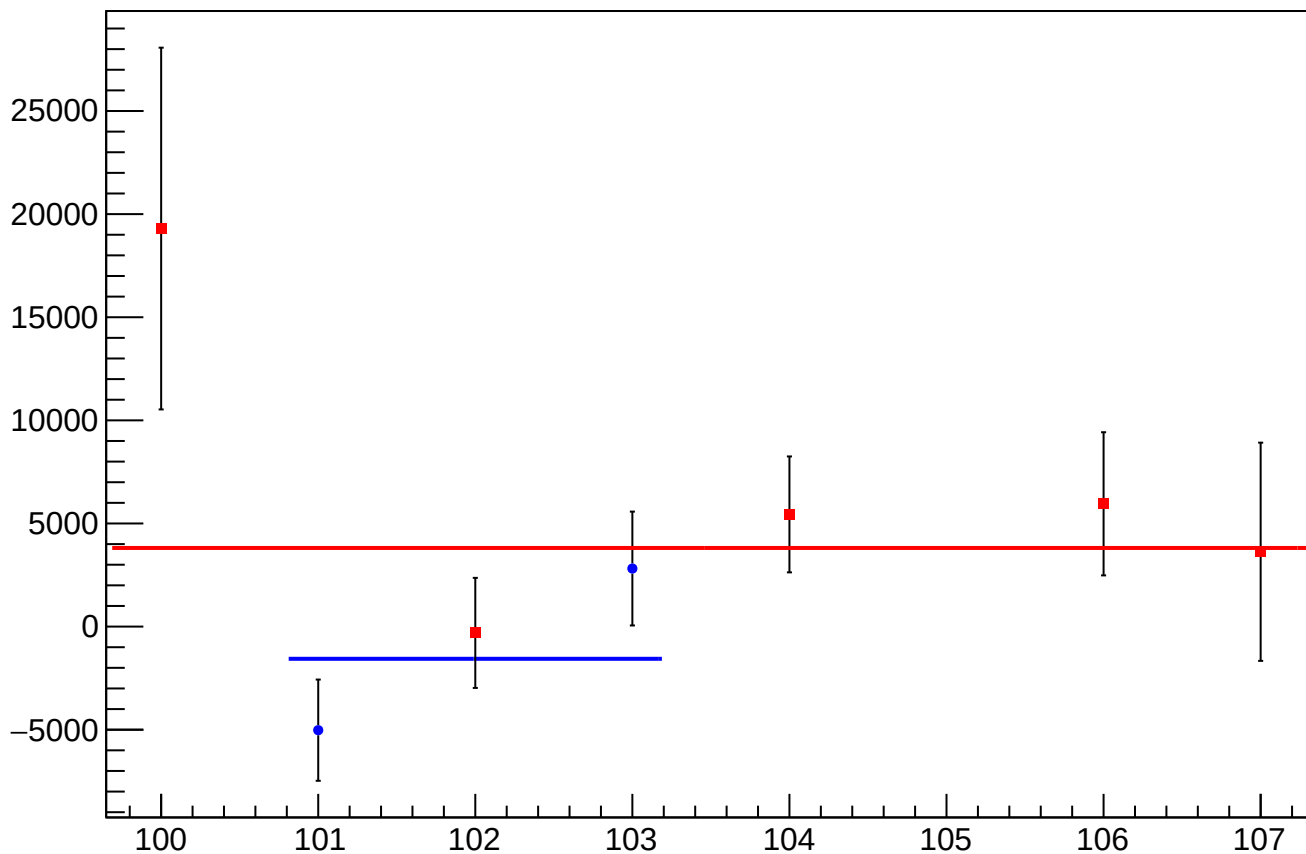
Right: 236.777 $\pm$ 0.100 χ^2 /NDF: 193976.7/6

In: 240.170 $\pm$ 0.155 χ^2 /NDF: 80943.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 236.777 $\pm$ 0.100 χ^2 /NDF: 193976.7/6

asym_sam4_cor_correction_mean vs Slug, Sign Corrected



Right In: -1561.594+/-1834.283 χ^2/NDF : 4.5/1

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

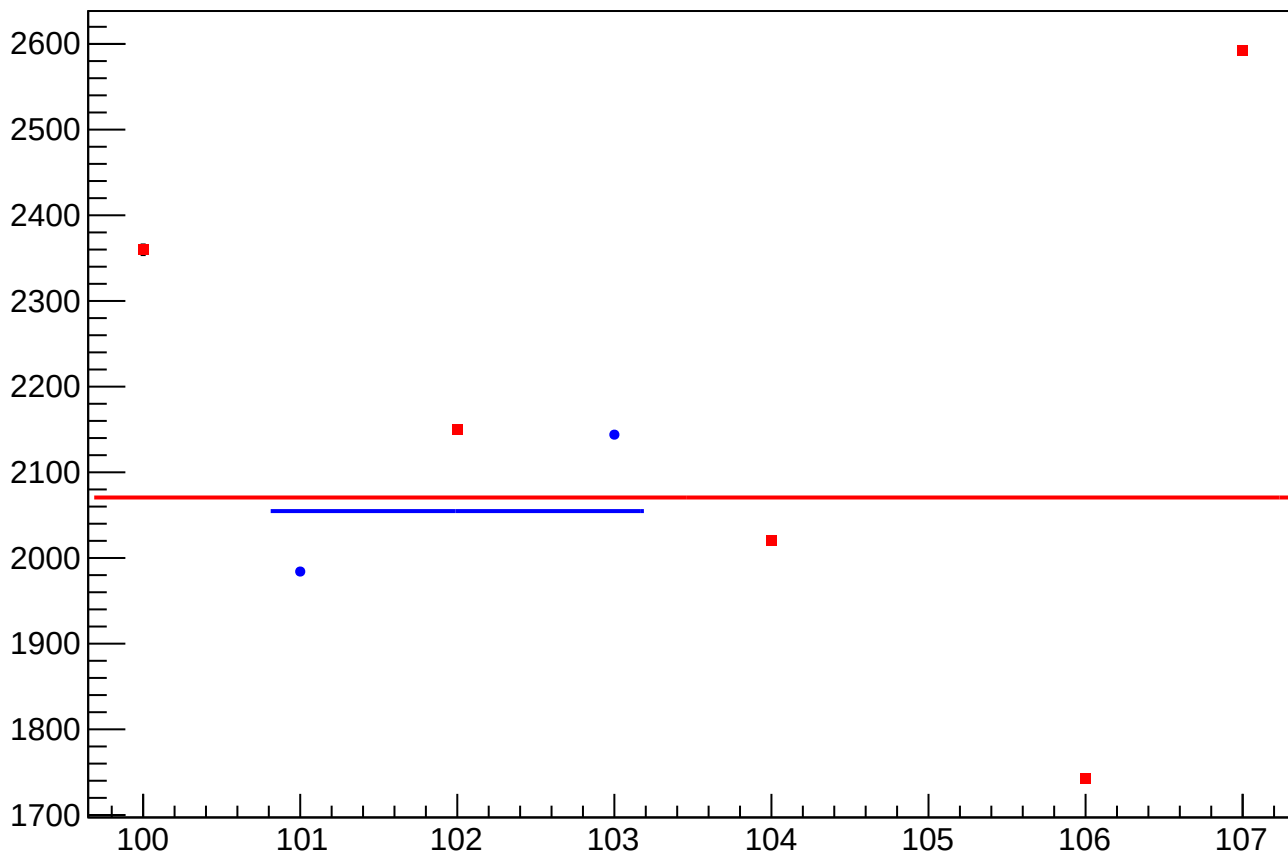
Right: 1517.694+/-1198.642 χ^2/NDF : 15.6/6

In: -1561.594+/-1834.283 χ^2/NDF : 4.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1517.694+/-1198.642 χ^2/NDF : 15.6/6

asym_sam4_cor_correction_rms vs Slug, Sign Corrected



Right In: 2054.745+/-1.297 χ^2/NDF : 3742.0/1

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

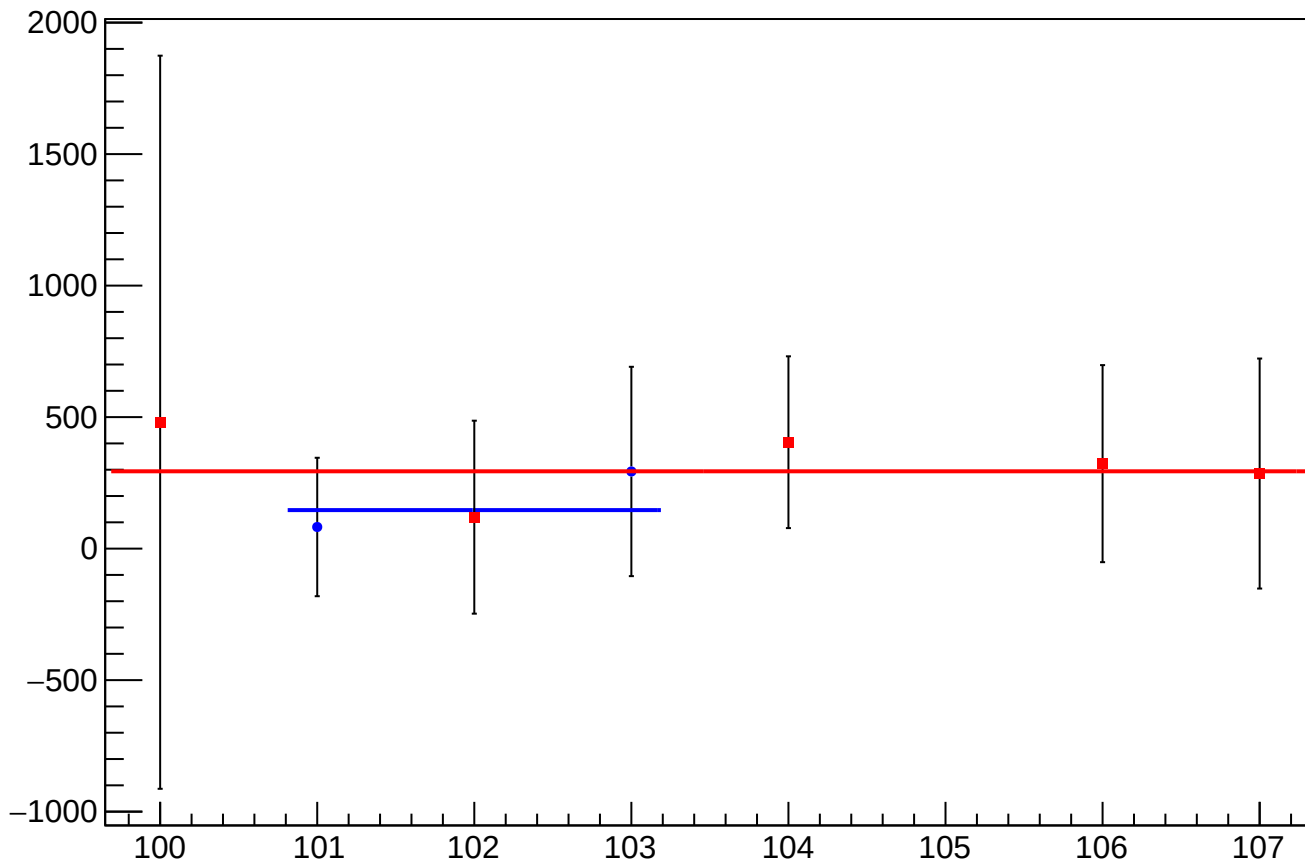
Right: 2063.830+/-0.848 χ^2/NDF : 45697.6/6

In: 2054.745+/-1.297 χ^2/NDF : 3742.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2063.830+/-0.848 χ^2/NDF : 45697.6/6

eigen_cor_asym_sam4_mean vs Slug, Sign Corrected



Right In: 146.466 $\pm$ 219.519 χ^2 /NDF: 0.2/1

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

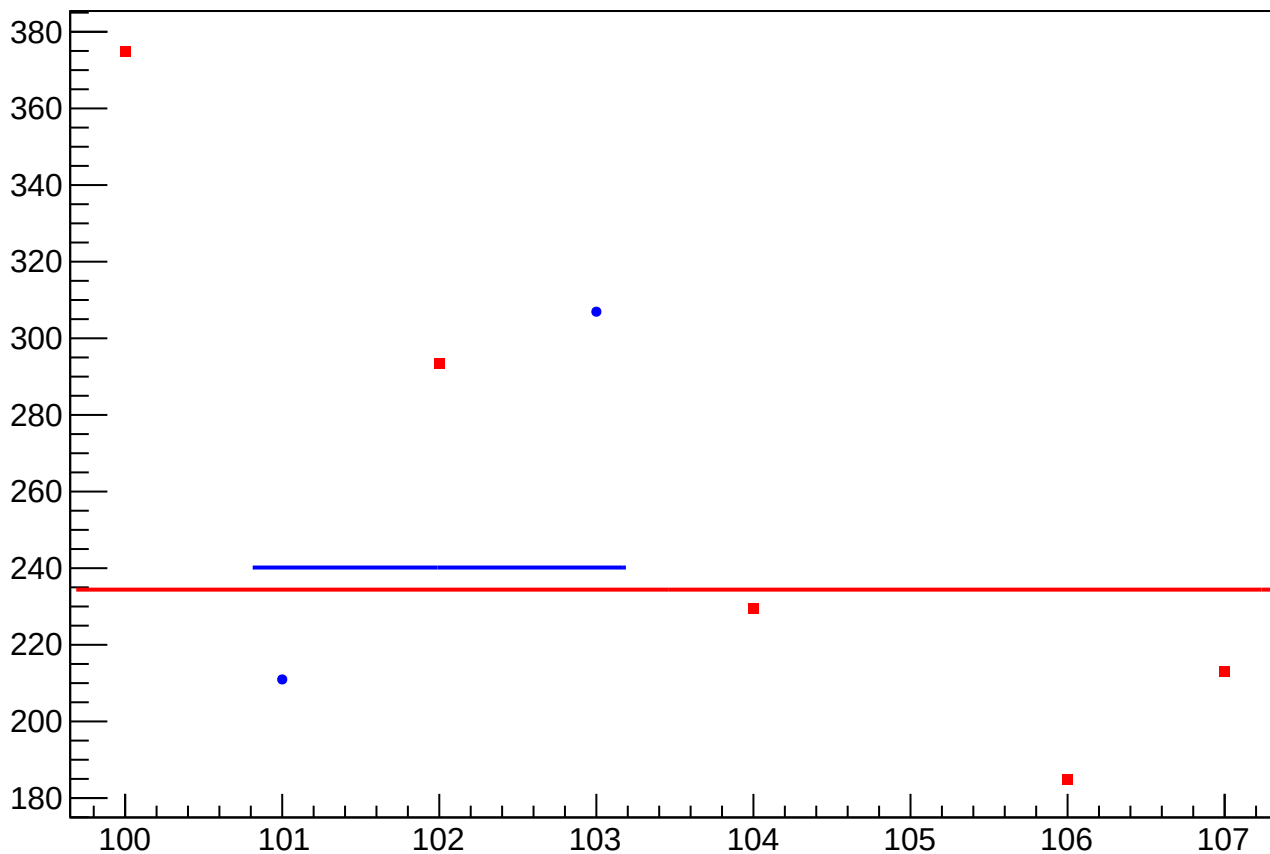
Right: 233.274 $\pm$ 140.819 χ^2 /NDF: 0.8/6

In: 146.466 $\pm$ 219.519 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 233.274 $\pm$ 140.819 χ^2 /NDF: 0.8/6

eigen_cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 240.170 $\pm$ 0.155 χ^2 /NDF: 80943.4/1

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

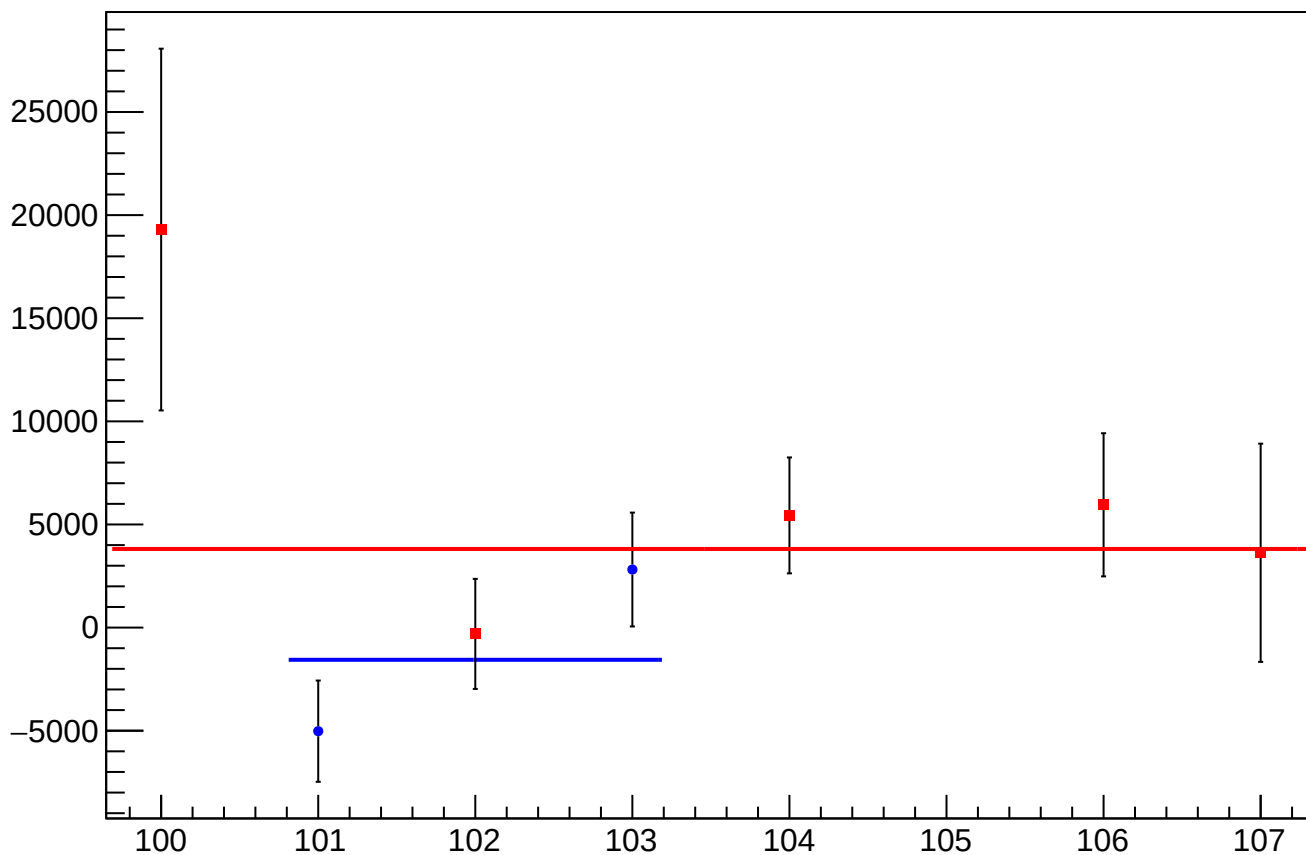
Right: 236.777 $\pm$ 0.100 χ^2 /NDF: 193976.7/6

In: 240.170 $\pm$ 0.155 χ^2 /NDF:80943.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 236.777 $\pm$ 0.100 χ^2 /NDF: 193976.7/6

asym_sam4_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1561.594+/-1834.283 χ^2/NDF : 4.5/1

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

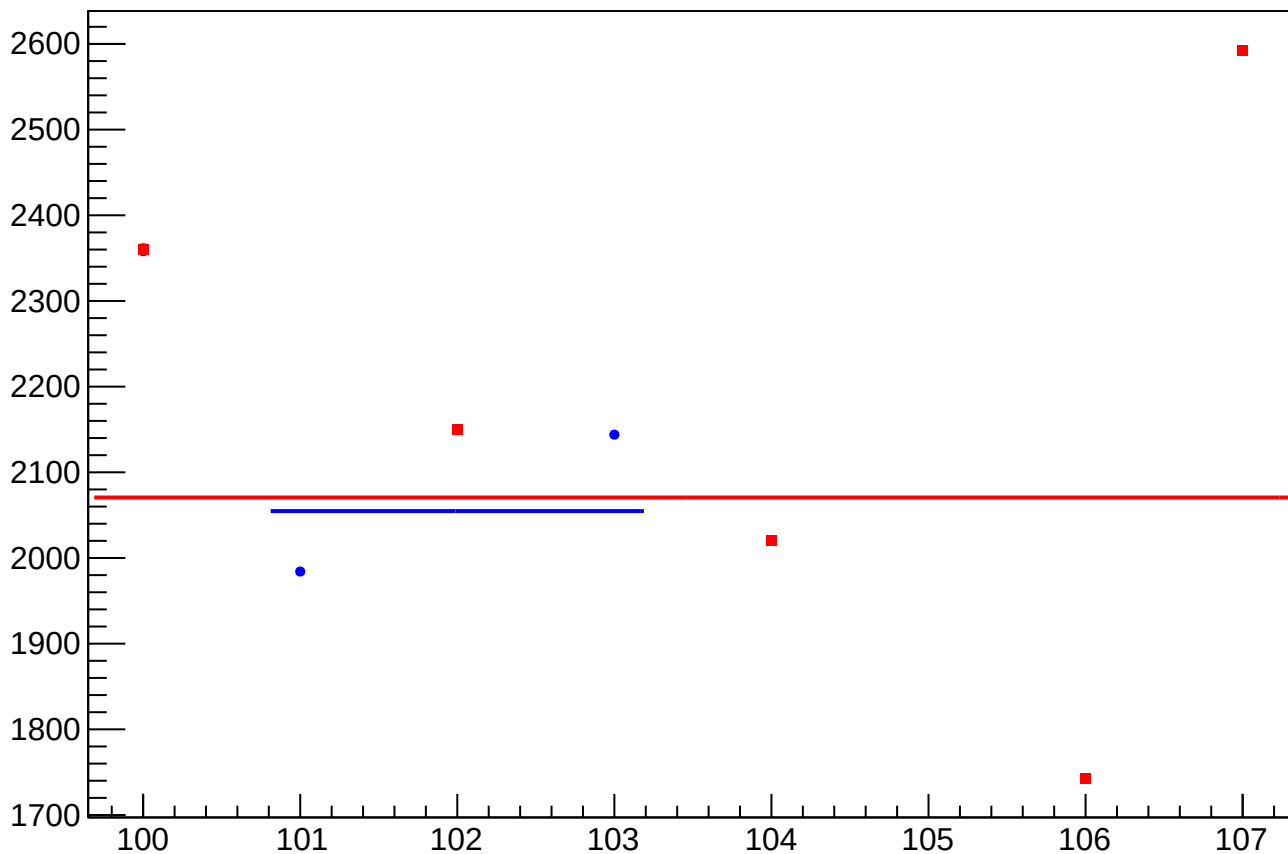
Right: 1517.694+/-1198.642 χ^2/NDF : 15.6/6

In: -1561.594+/-1834.283 χ^2/NDF : 4.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1517.694+/-1198.642 χ^2/NDF : 15.6/6

asym_sam4_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2054.745+/-1.297 χ^2/NDF : 3742.0/1

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

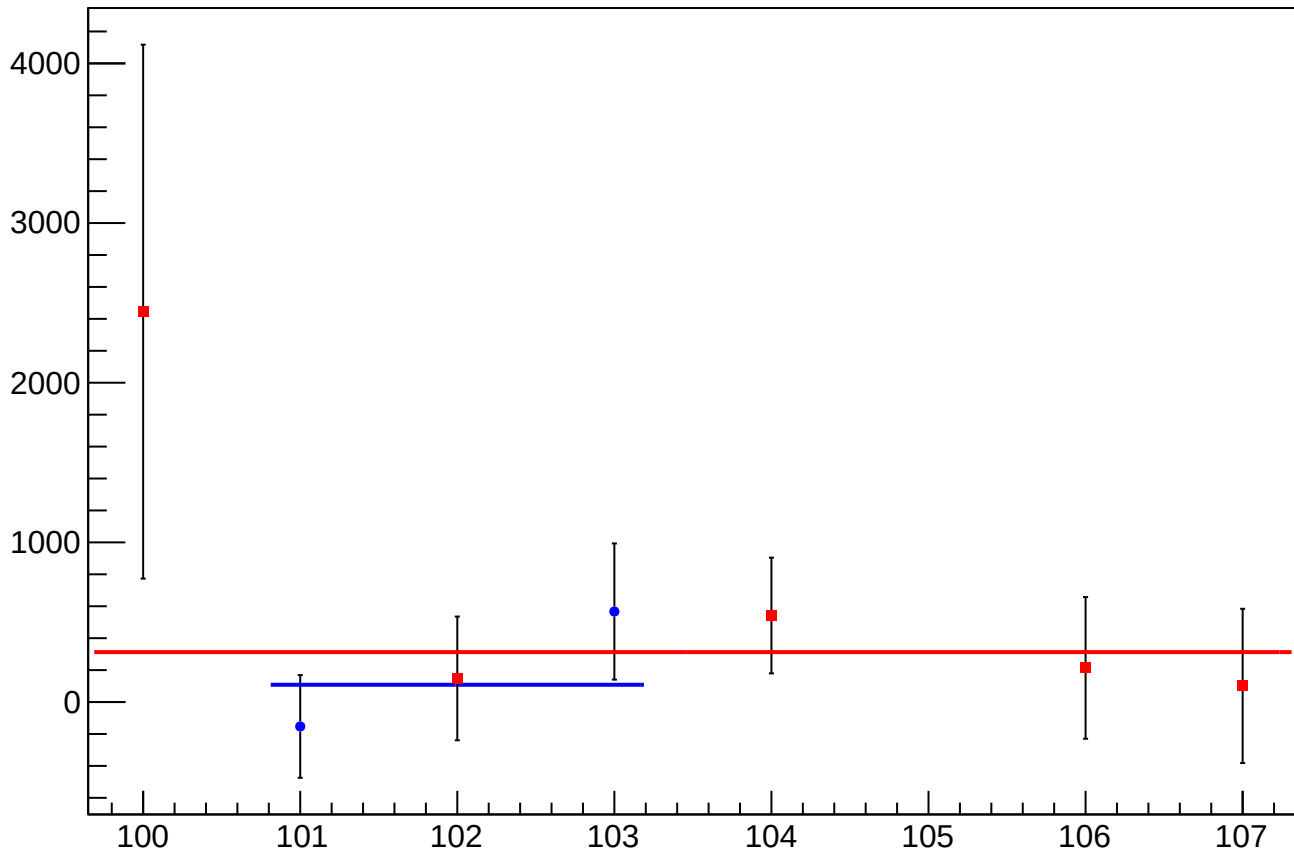
Right: 2063.830+/-0.848 χ^2/NDF : 45697.6/6

In: 2054.745+/-1.297 χ^2/NDF : 3742.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2063.830+/-0.848 χ^2/NDF : 45697.6/6

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 108.189+/-256.796 χ^2/NDF : 1.8/1

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

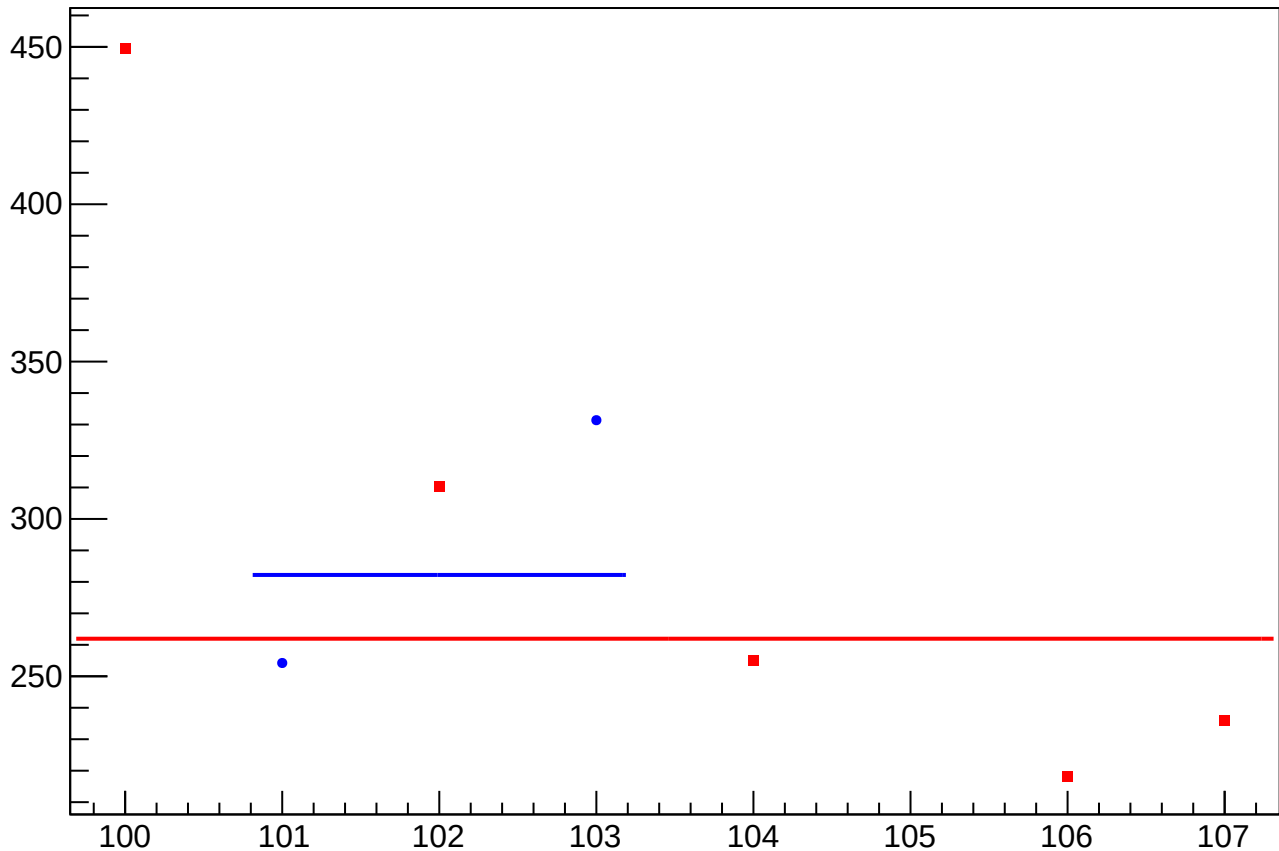
Right: 233.506+/-159.806 χ^2/NDF : 4.7/6

In: 108.189+/-256.796 χ^2/NDF : 1.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 233.506+/-159.806 χ^2/NDF : 4.7/6

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 282.205+/-0.182 χ^2/NDF : 41732.0/1

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

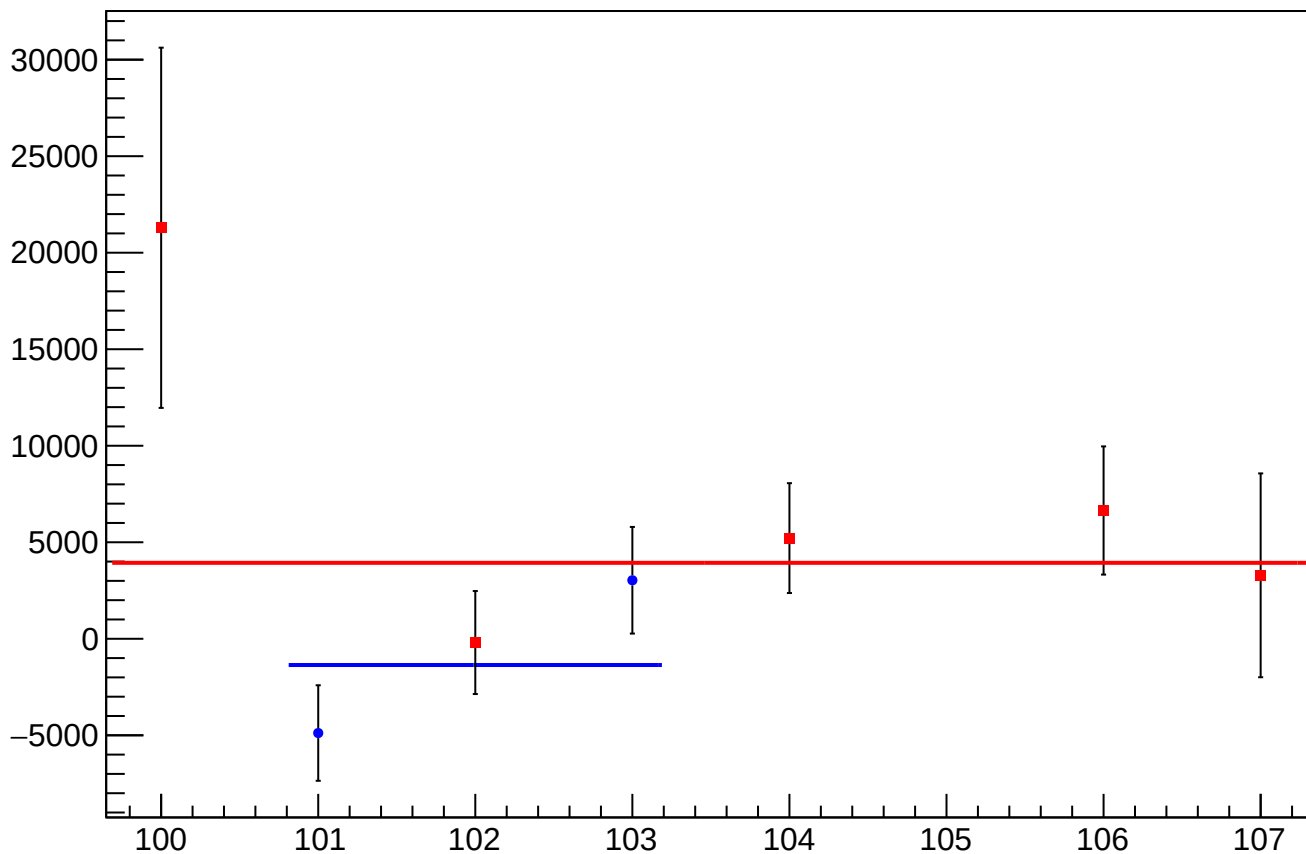
Right: 269.788+/-0.113 χ^2/NDF : 131709.2/6

In: 282.205+/-0.182 χ^2/NDF : 41732.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 269.788+/-0.113 χ^2/NDF : 131709.2/6

asym_sam4_dit_correction_mean vs Slug, Sign Corrected



Right In: -1359.097+/-1843.200 χ^2/NDF : 4.6/1

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

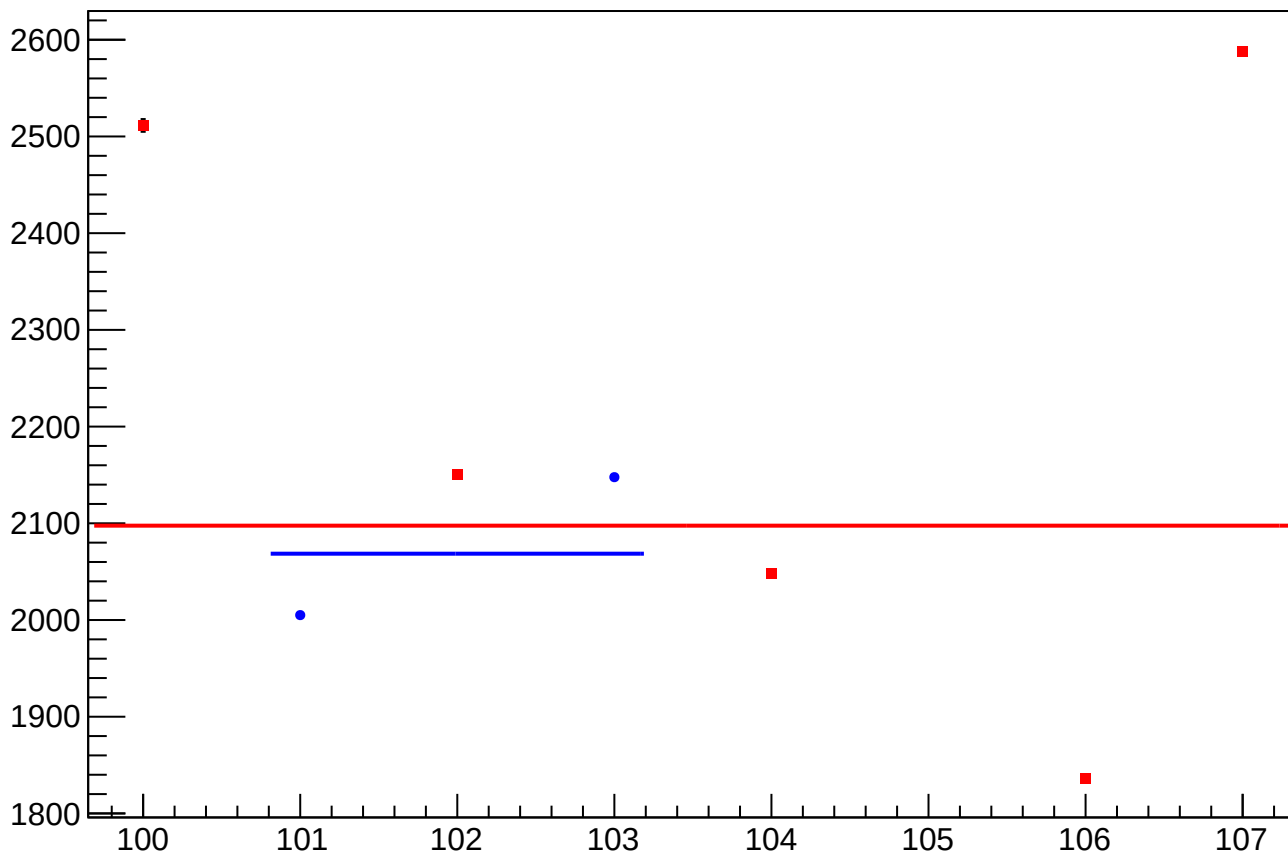
Right: 1697.448+/-1198.329 χ^2/NDF : 16.1/6

In: -1359.097+/-1843.200 χ^2/NDF : 4.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1697.448+/-1198.329 χ^2/NDF : 16.1/6

asym_sam4_dit_correction_rms vs Slug, Sign Corrected



Right In: 2068.577+/-1.303 χ^2/NDF : 2957.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2097.559+/-1.115 χ^2/NDF : 34975.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

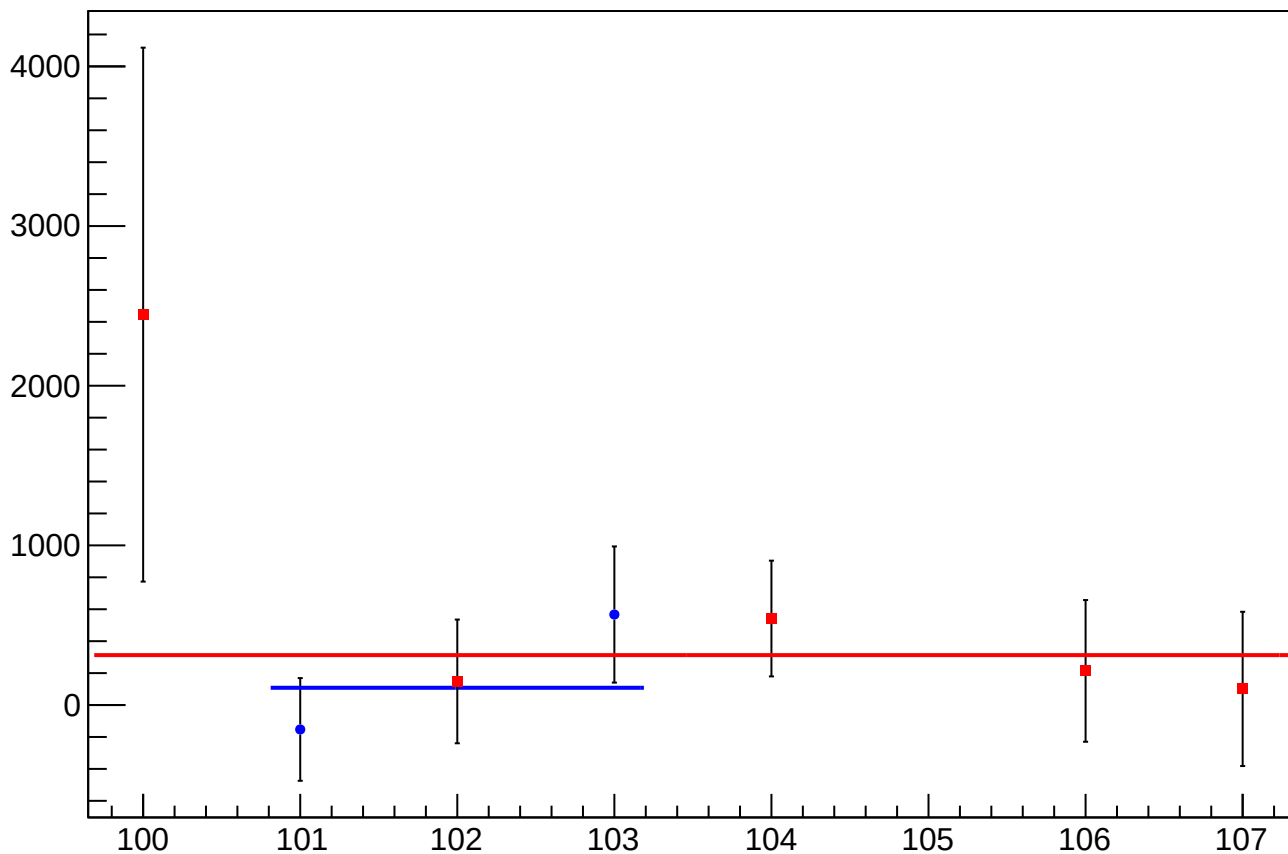
Right: 2085.309+/-0.847 χ^2/NDF : 38218.9/6

In: 2068.577+/-1.303 χ^2/NDF : 2957.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2085.309+/-0.847 χ^2/NDF : 38218.9/6

eigen_dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 108.193+/-256.796 χ^2/NDF : 1.8/1

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

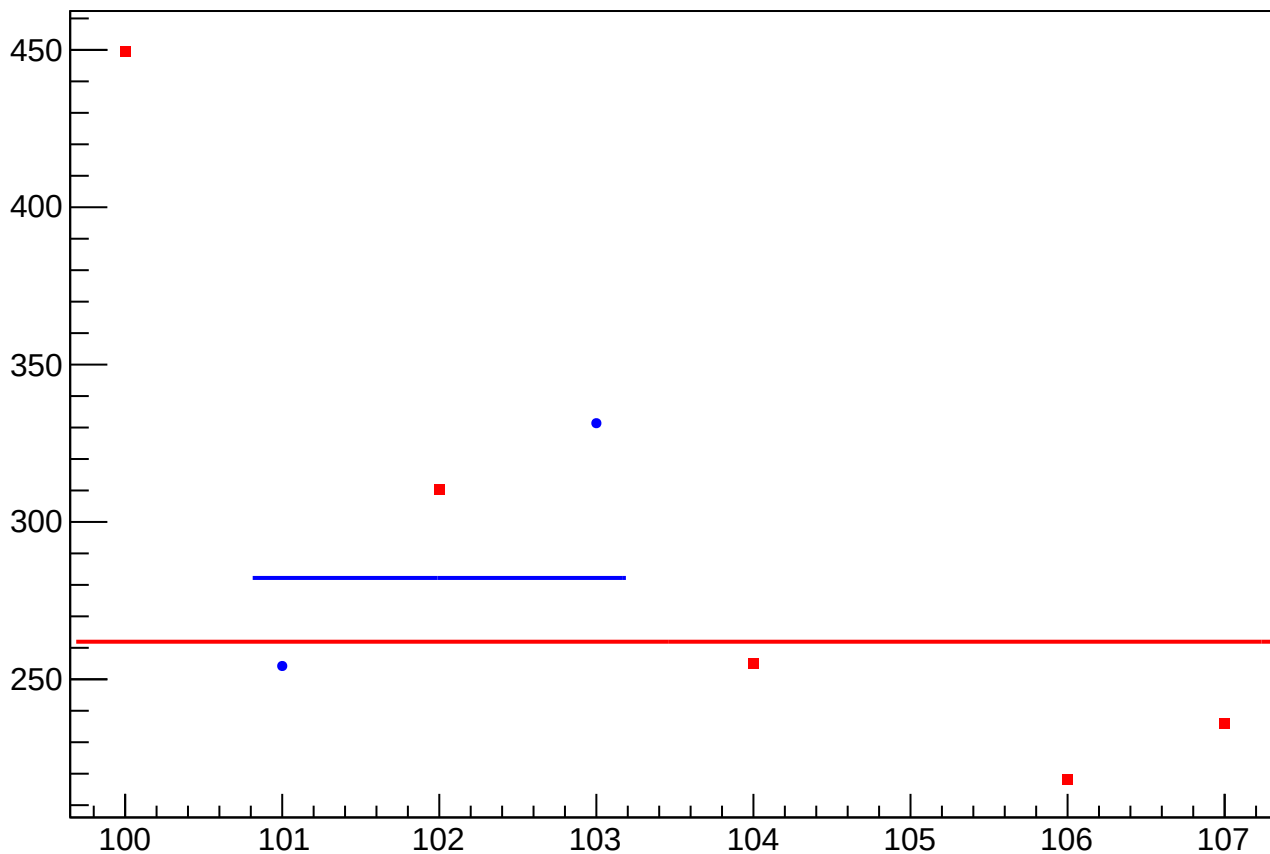
Right: 233.507+/-159.806 χ^2/NDF : 4.7/6

In: 108.193+/-256.796 χ^2/NDF : 1.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 233.507+/-159.806 χ^2/NDF : 4.7/6

eigen_dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 282.206+/-0.182 χ^2/NDF : 41730.5/1

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

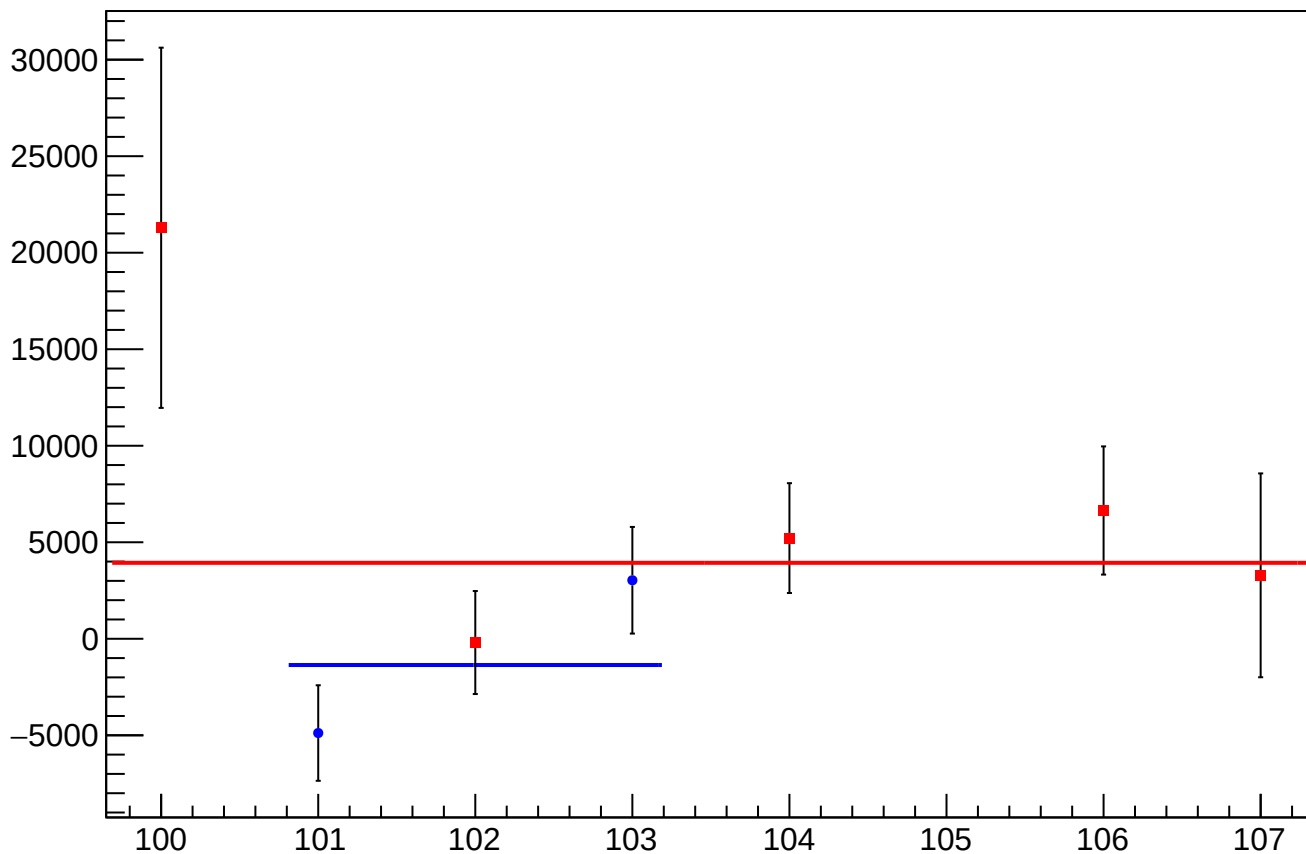
Right: 269.789+/-0.113 χ^2/NDF : 131707.3/6

In: 282.206+/-0.182 χ^2/NDF : 41730.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 269.789+/-0.113 χ^2/NDF : 131707.3/6

asym_sam4_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1359.100+/-1843.202 χ^2/NDF : 4.6/1

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

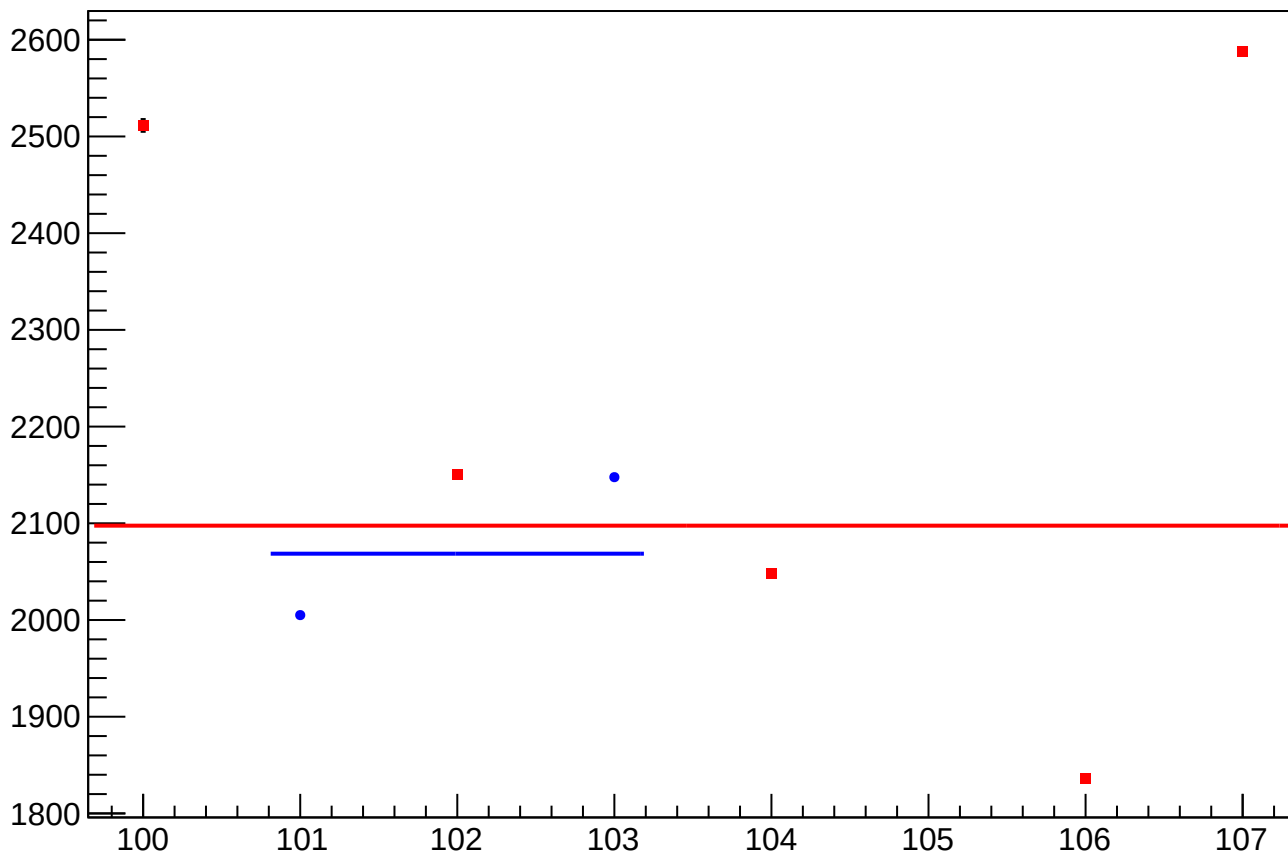
Right: 1697.449+/-1198.330 χ^2/NDF : 16.1/6

In: -1359.100+/-1843.202 χ^2/NDF : 4.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1697.449+/-1198.330 χ^2/NDF : 16.1/6

asym_sam4_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2068.579+/-1.303 χ^2/NDF : 2957.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2097.559+/-1.115 χ^2/NDF : 34975.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

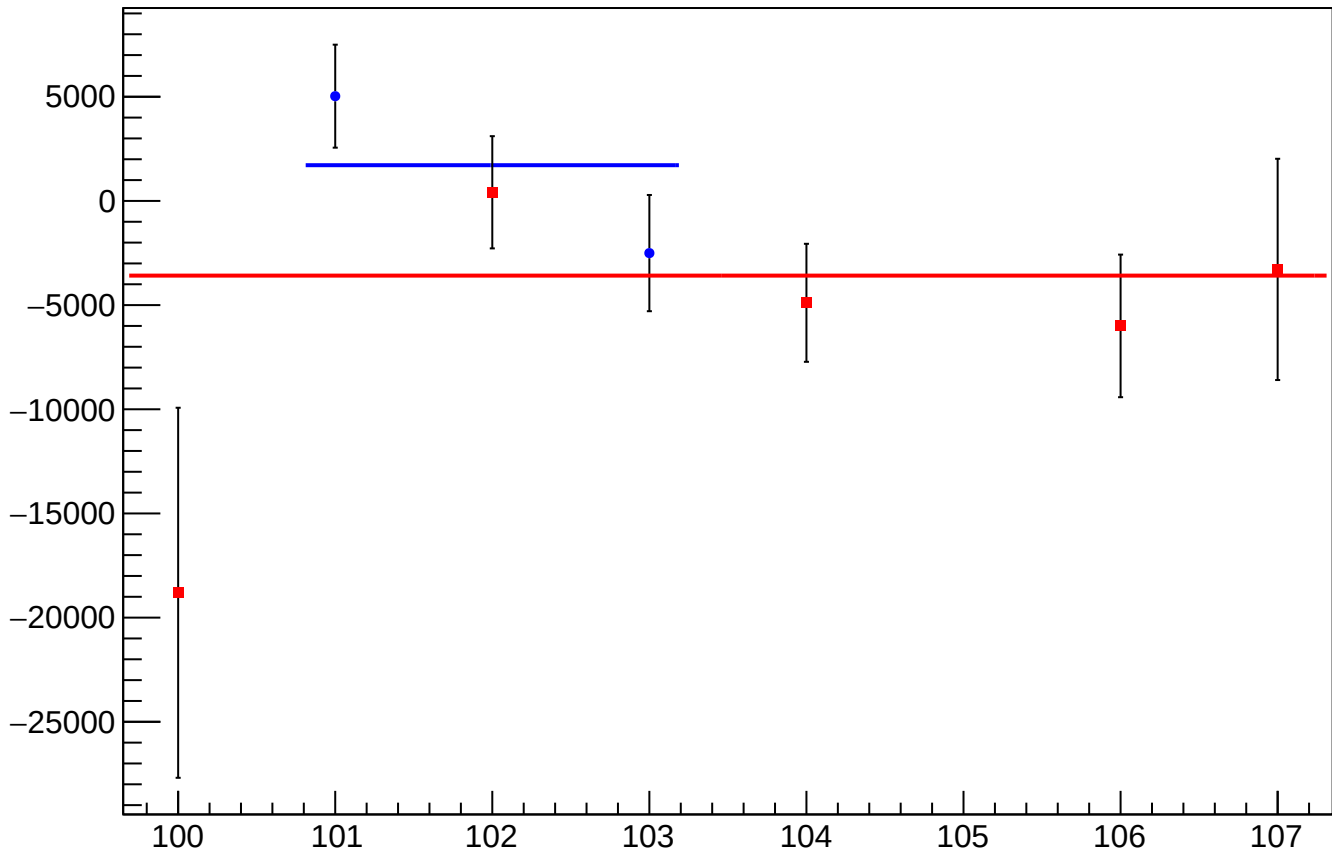
Right: 2085.310+/-0.847 χ^2/NDF : 38219.2/6

In: 2068.579+/-1.303 χ^2/NDF : 2957.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2085.310+/-0.847 χ^2/NDF : 38219.2/6

asym_sam4_mean vs Slug, Sign Corrected



Right In: 1714.997 $\pm$ 1849.925 χ^2 /NDF: 4.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3584.261 $\pm$ 1588.947 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

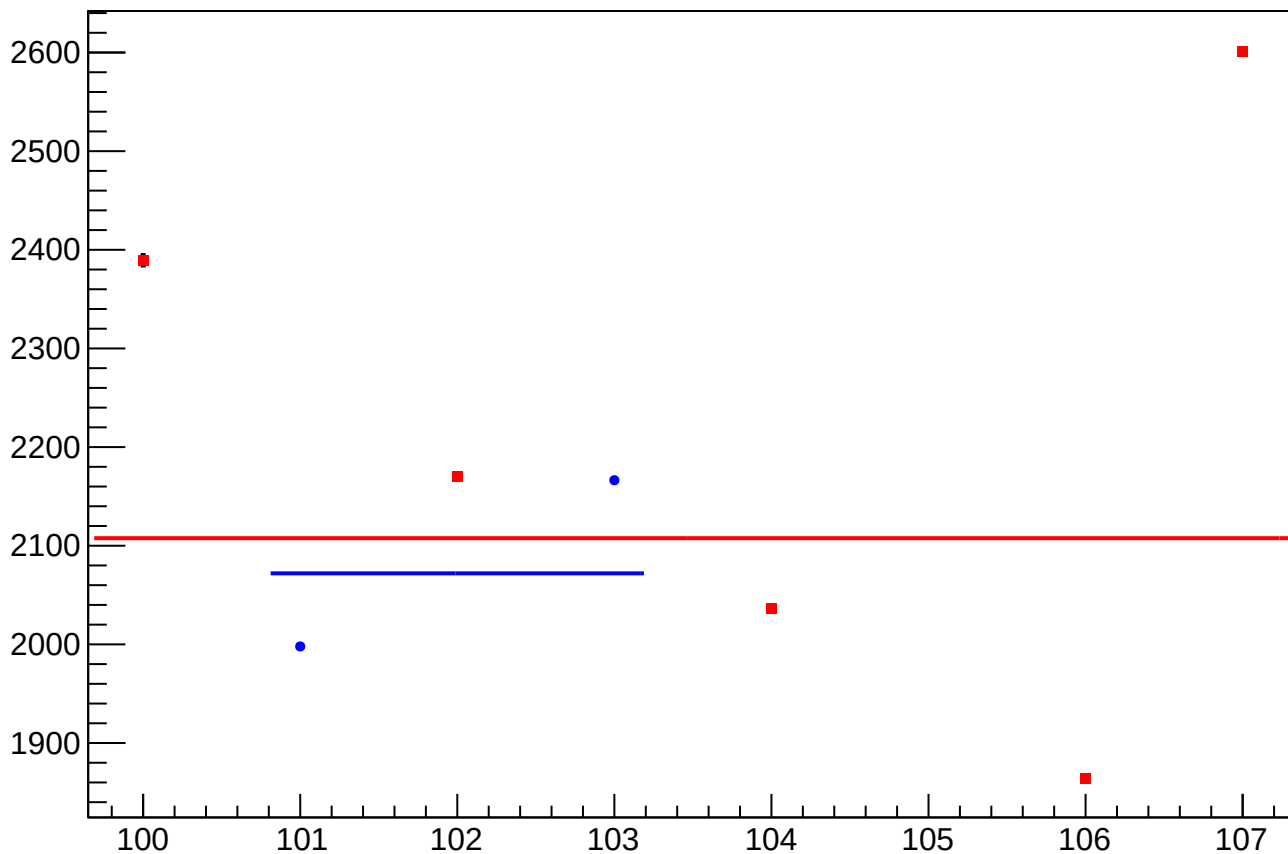
Right: -1334.493 $\pm$ 1205.356 χ^2 /NDF: 14.7/6

In: 1714.997 $\pm$ 1849.925 χ^2 /NDF: 4.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1334.493 $\pm$ 1205.356 χ^2 /NDF: 14.7/6

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2072.006 $\pm$ 1.308 χ^2 /NDF: 4088.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2107.641 $\pm$ 1.124 χ^2 /NDF: 31758.0/4

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

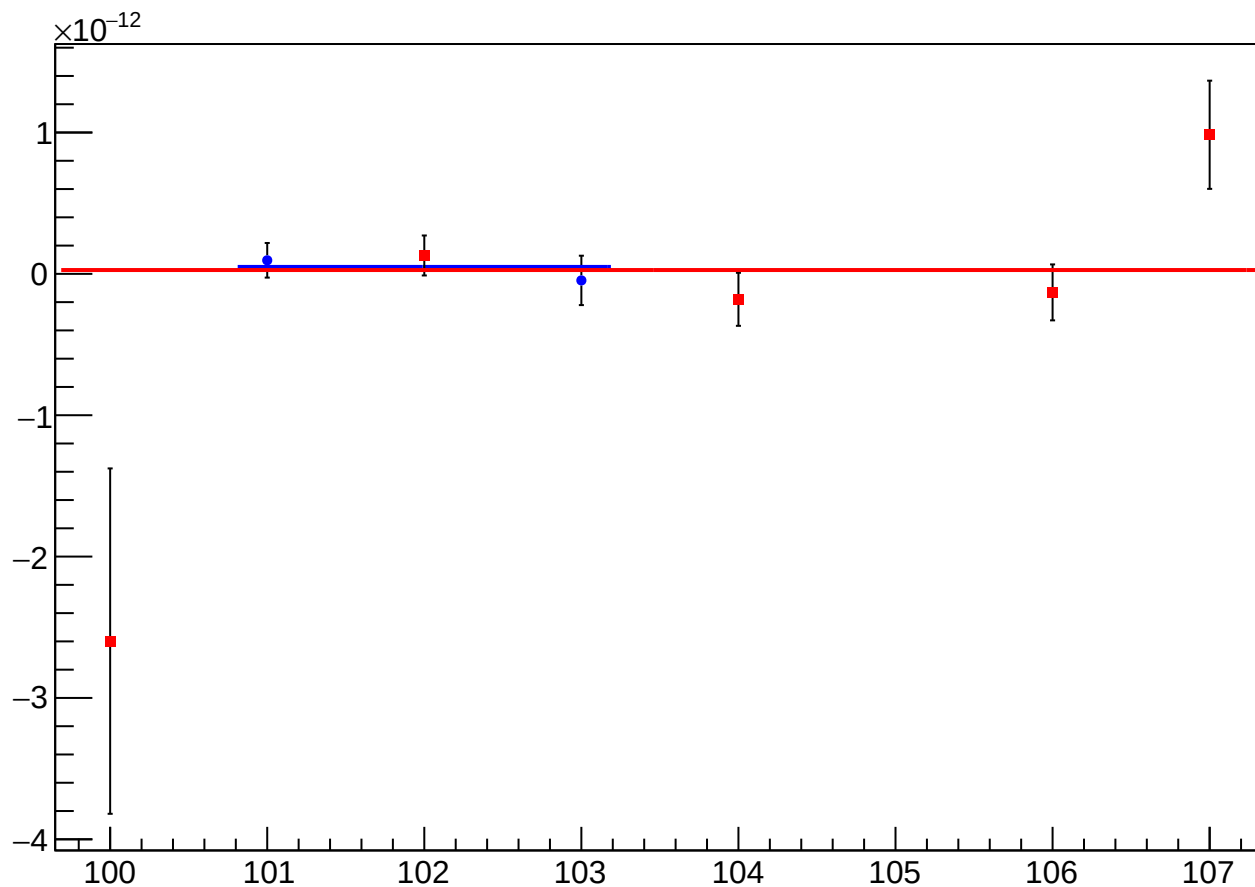
Right: 2092.513 $\pm$ 0.852 χ^2 /NDF: 36273.5/6

In: 2072.006 $\pm$ 1.308 χ^2 /NDF:4088.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2092.513 $\pm$ 0.852 χ^2 /NDF: 36273.5/6

asym_sam4_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.4/1

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

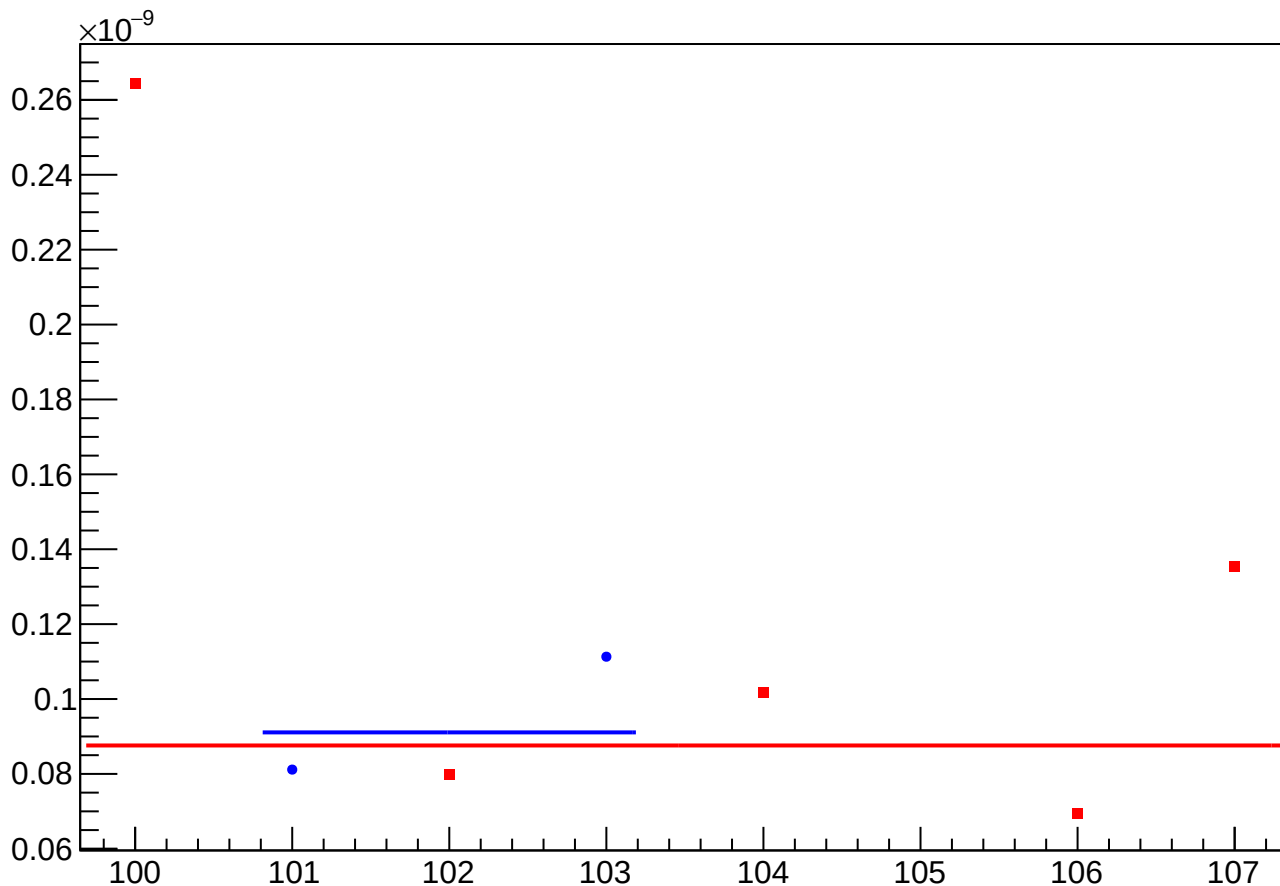
Right: 0.000+/-0.000 χ^2/NDF : 13.7/6

In: 0.000+/-0.000 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.7/6

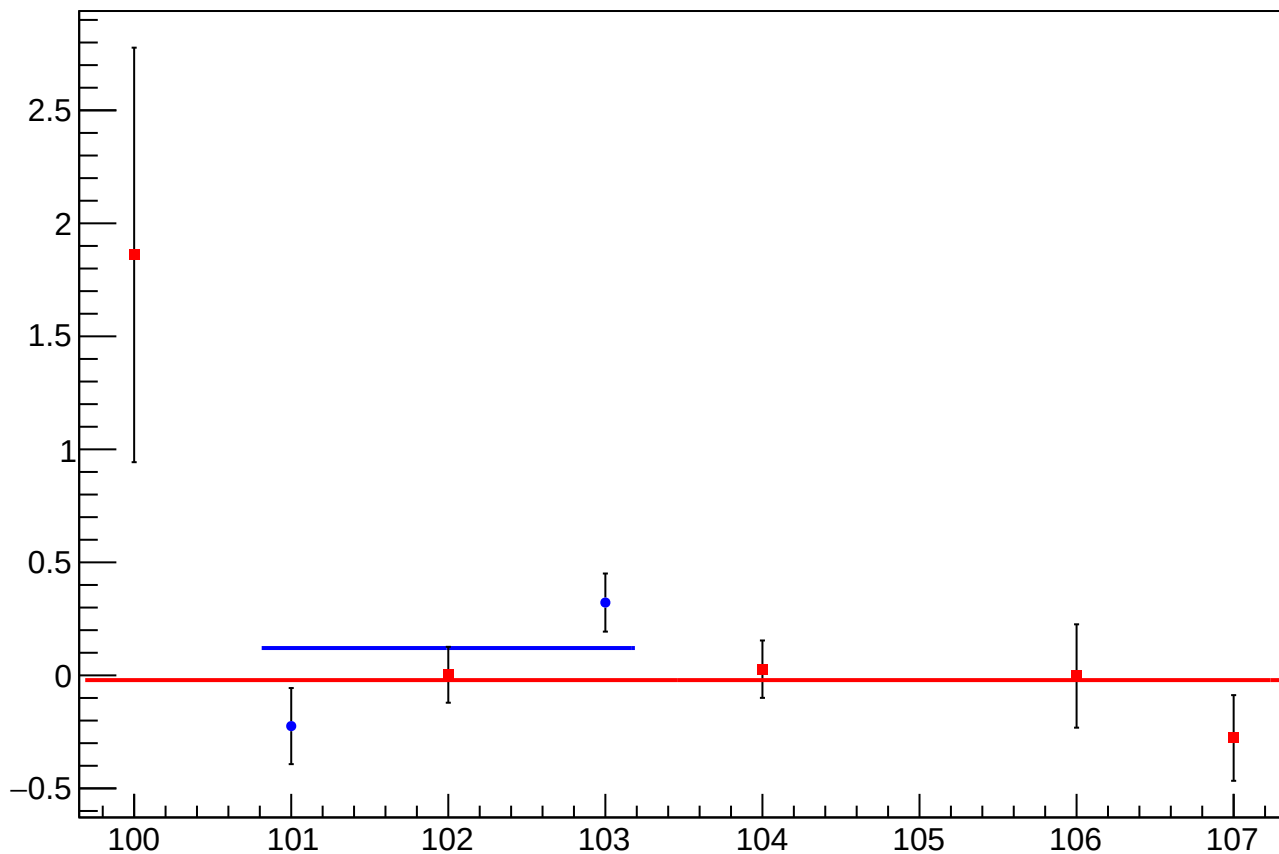
asym_sam4_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 39934.3/1
 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 : 148595.7/6
 In: 0.000+/-0.000 χ^2/NDF : 39934.3/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 148595.7/6

asym_sam4_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.121+/-0.102 χ^2/NDF : 6.7/1

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

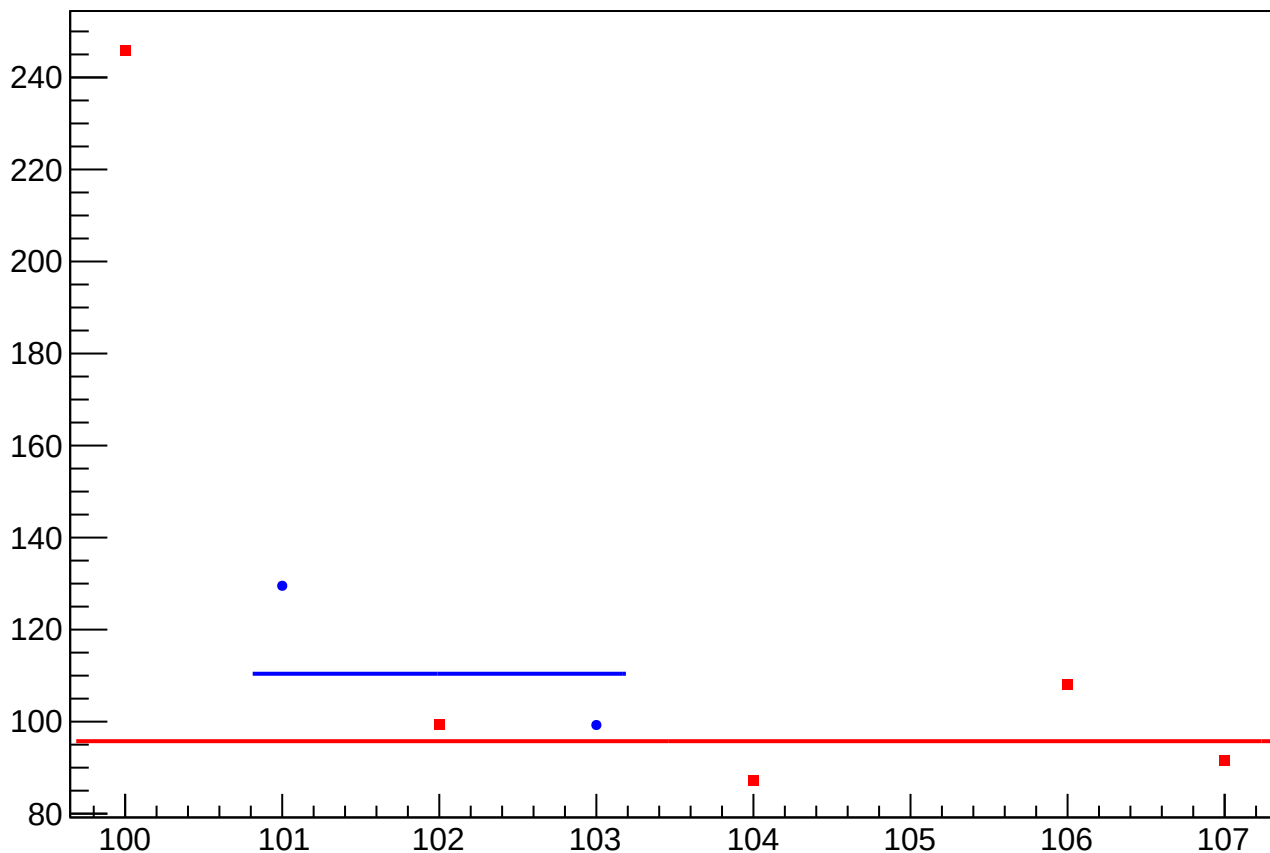
Right: 0.029+/-0.061 χ^2/NDF : 14.1/6

In: 0.121+/-0.102 χ^2/NDF : 6.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.061 χ^2/NDF : 14.1/6

asym_sam4_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 110.409+/-0.072 χ^2/NDF : 40813.7/1

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

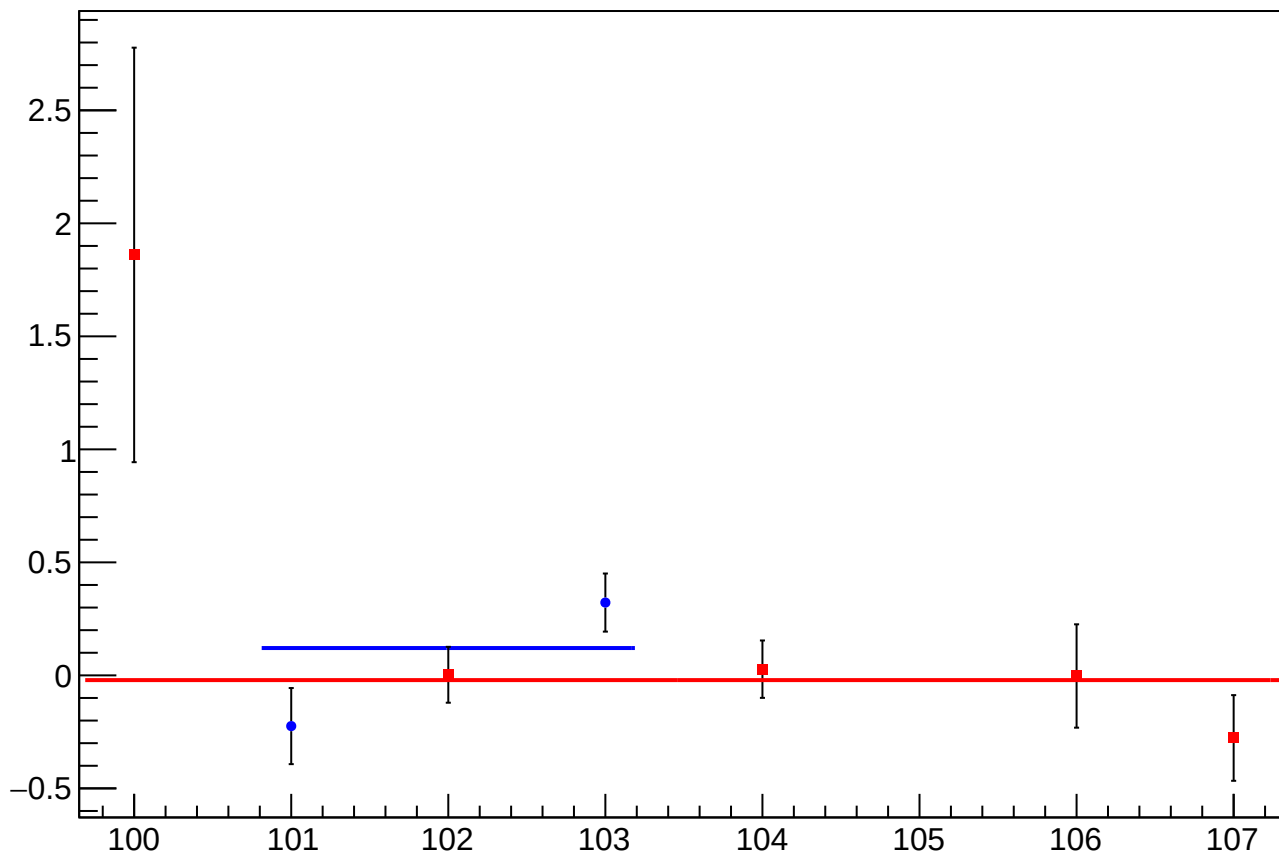
Right: 100.928+/-0.043 χ^2/NDF : 138384.1/6

In: 110.409+/-0.072 χ^2/NDF : 40813.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.928+/-0.043 χ^2/NDF : 138384.1/6

asym_sam4_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.121+/-0.102 χ^2/NDF : 6.7/1

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

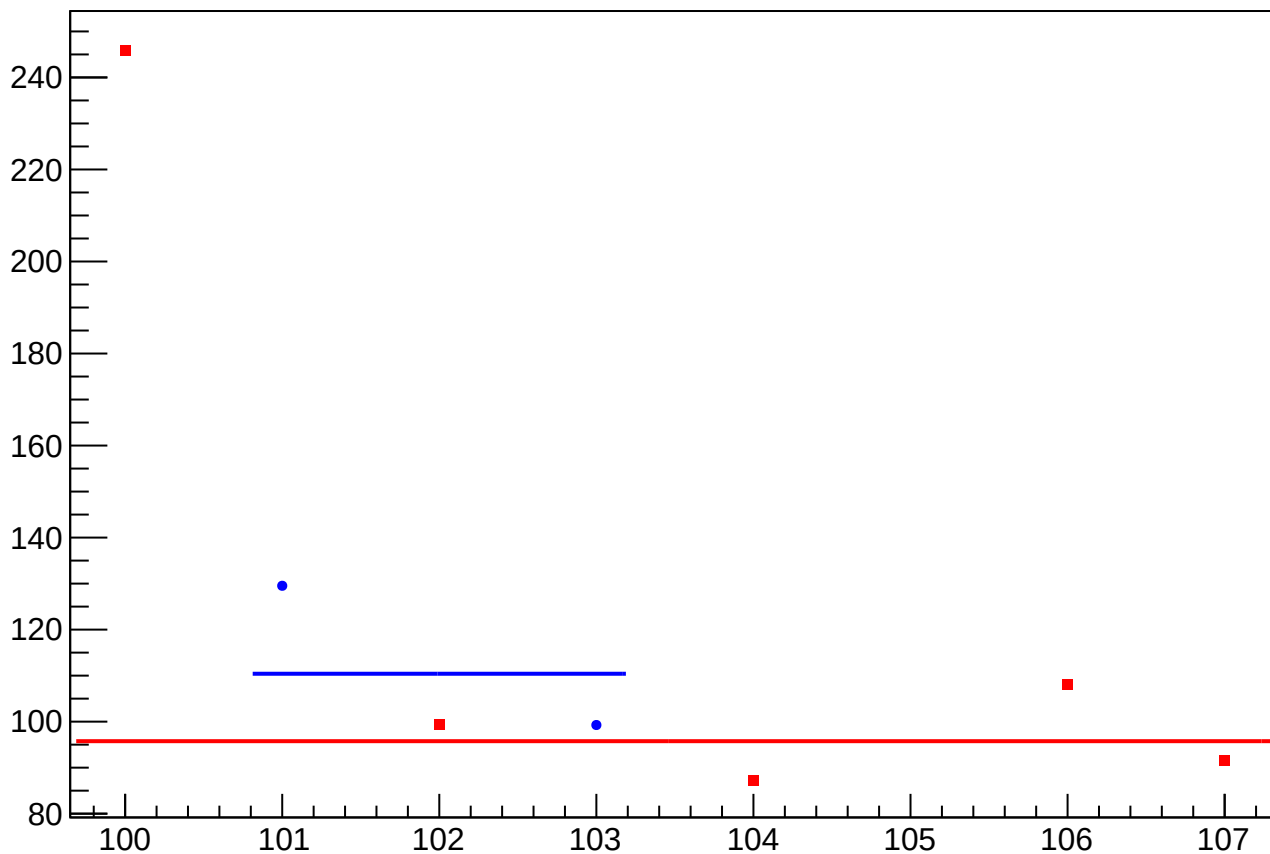
Right: 0.029+/-0.061 χ^2/NDF : 14.1/6

In: 0.121+/-0.102 χ^2/NDF : 6.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.061 χ^2/NDF : 14.1/6

asym_sam4_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 110.409+/-0.072 χ^2/NDF : 40813.7/1

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

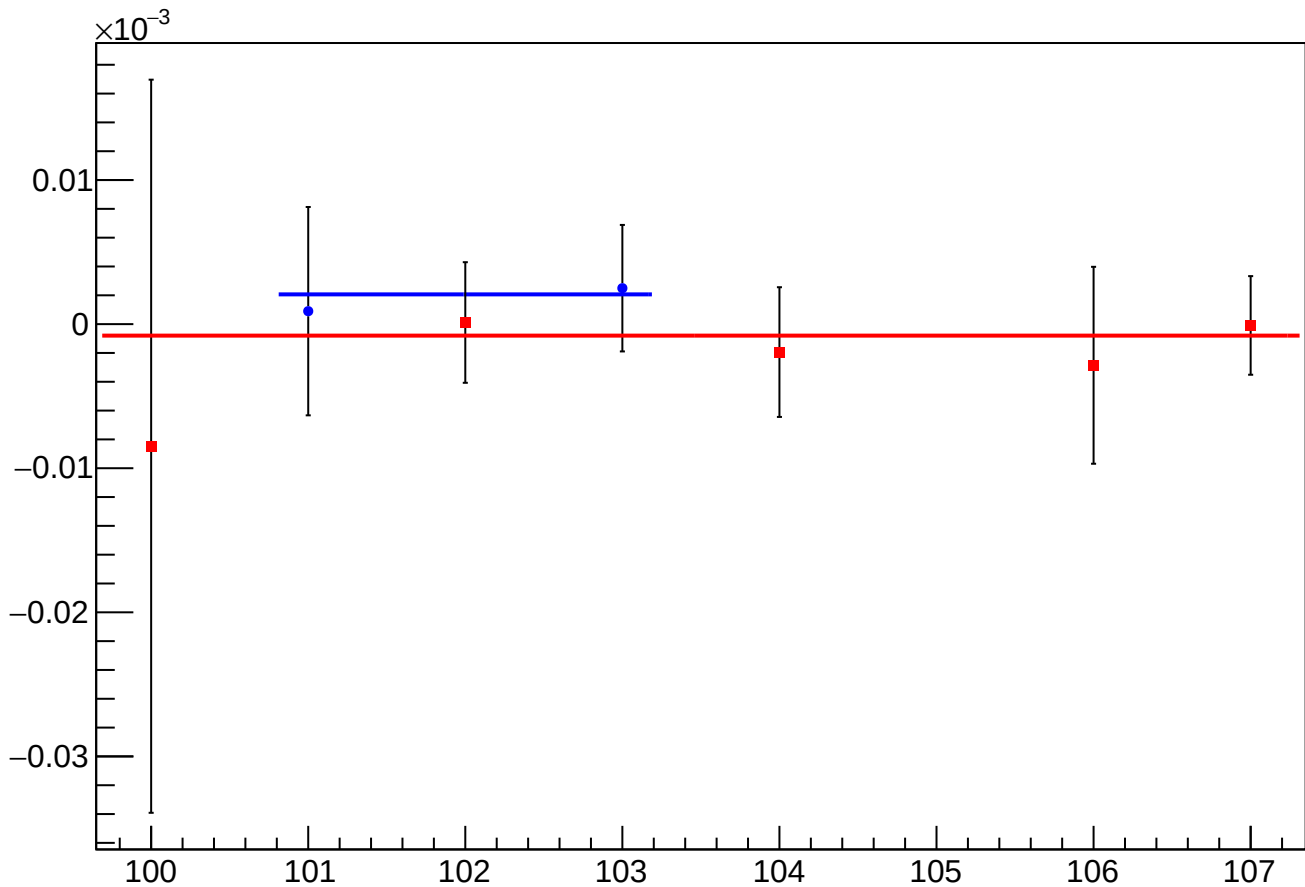
Right: 100.928+/-0.043 χ^2/NDF : 138384.1/6

In: 110.409+/-0.072 χ^2/NDF : 40813.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.928+/-0.043 χ^2/NDF : 138384.1/6

asym_sam4_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/1

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

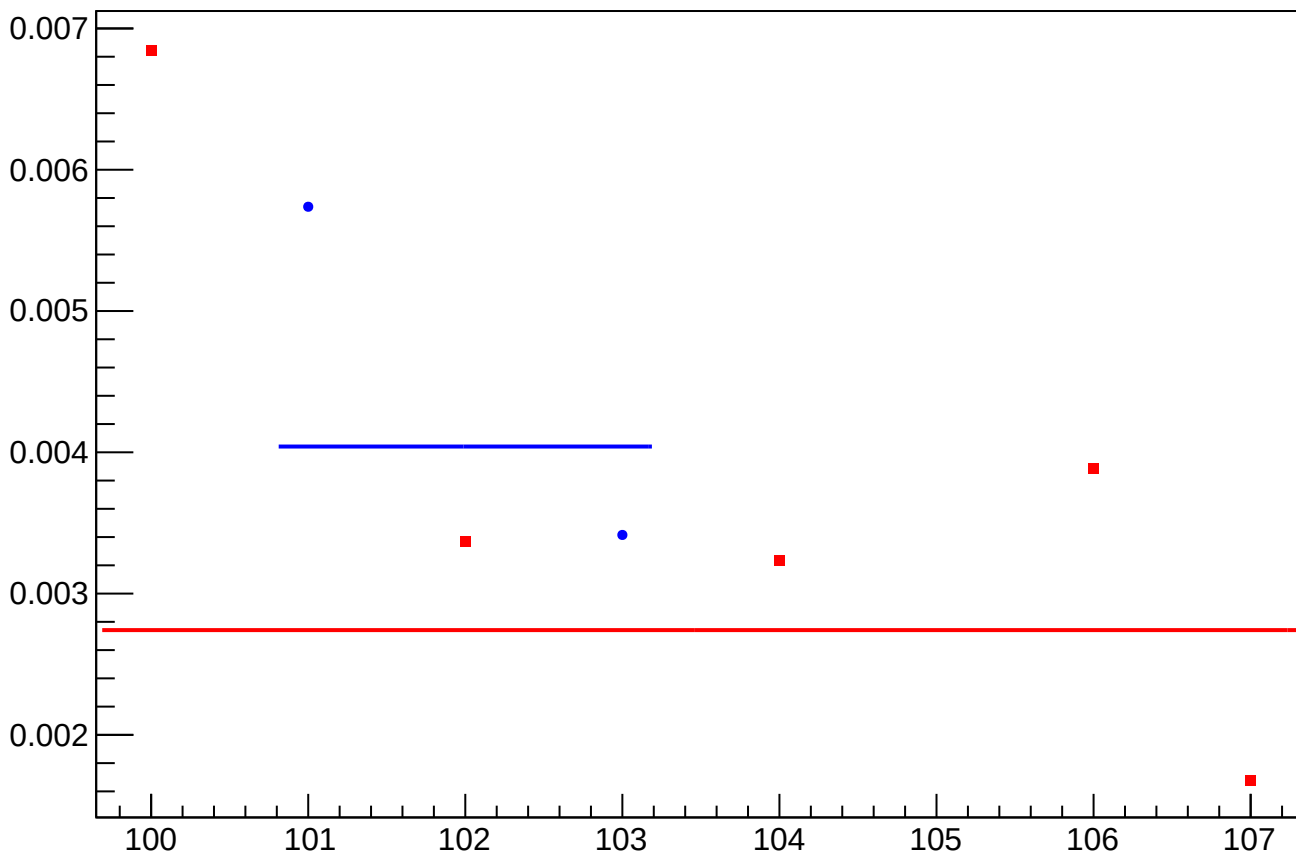
Right: -0.000+/-0.000 χ^2/NDF : 0.8/6

In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 0.8/6

asym_sam4_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 150865.5/1

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

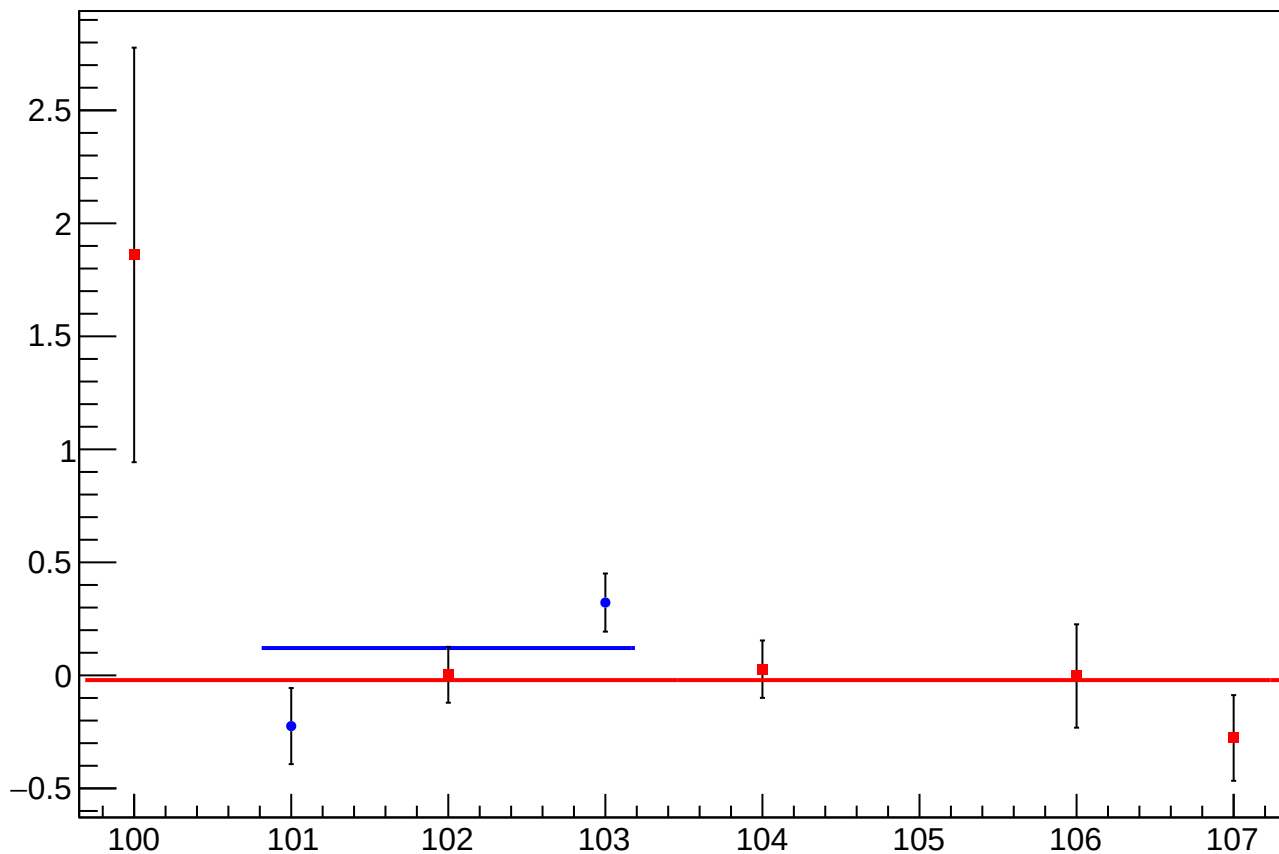
Right: 0.003+/-0.000 χ^2/NDF : 701228.8/6

In: 0.004+/-0.000 χ^2/NDF : 150865.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 701228.8/6

asym_sam4_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.121+/-0.102 χ^2/NDF : 6.7/1

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

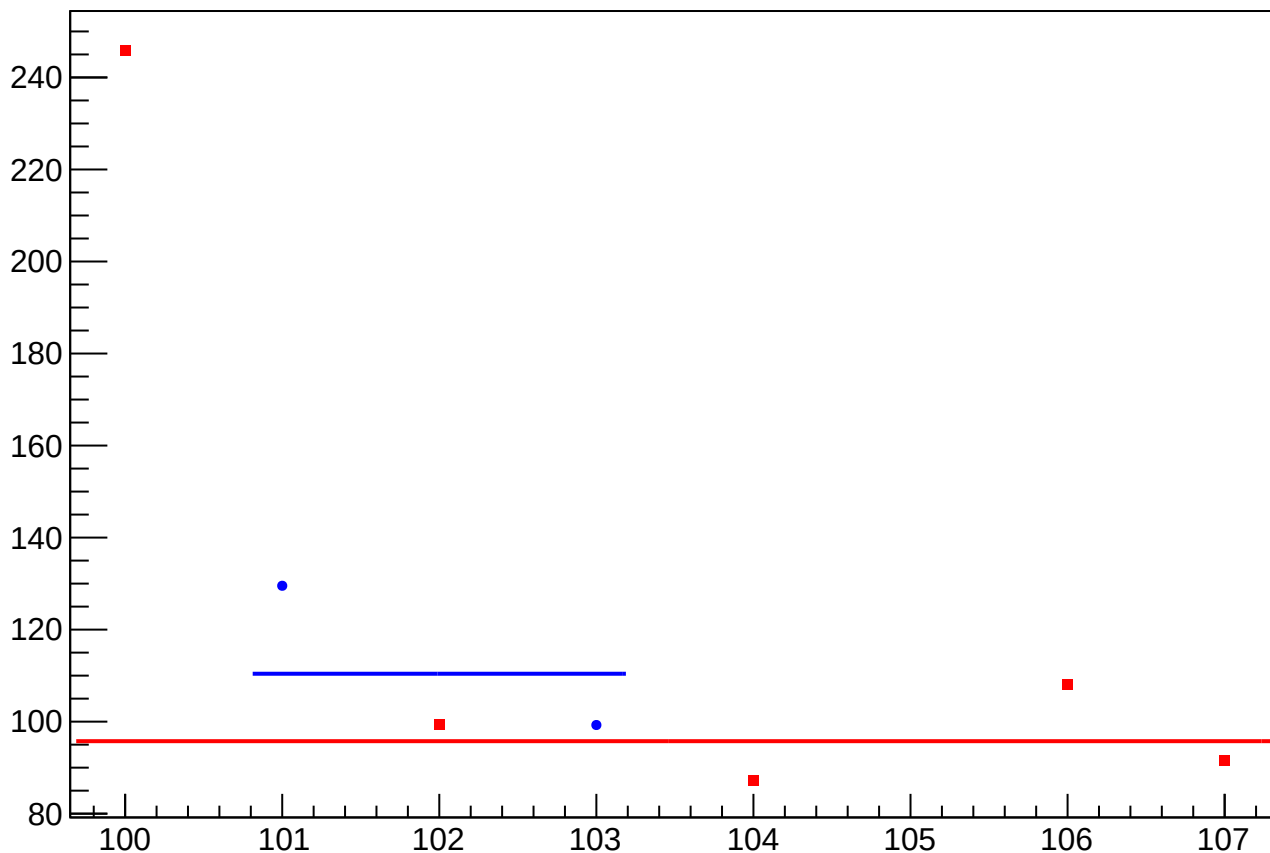
Right: 0.029+/-0.061 χ^2/NDF : 14.1/6

In: 0.121+/-0.102 χ^2/NDF : 6.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.061 χ^2/NDF : 14.1/6

asym_sam4_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 110.410 $\pm$ 0.072 χ^2 /NDF: 40820.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 95.754 $\pm$ 0.053 χ^2 /NDF: 70945.8/4

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

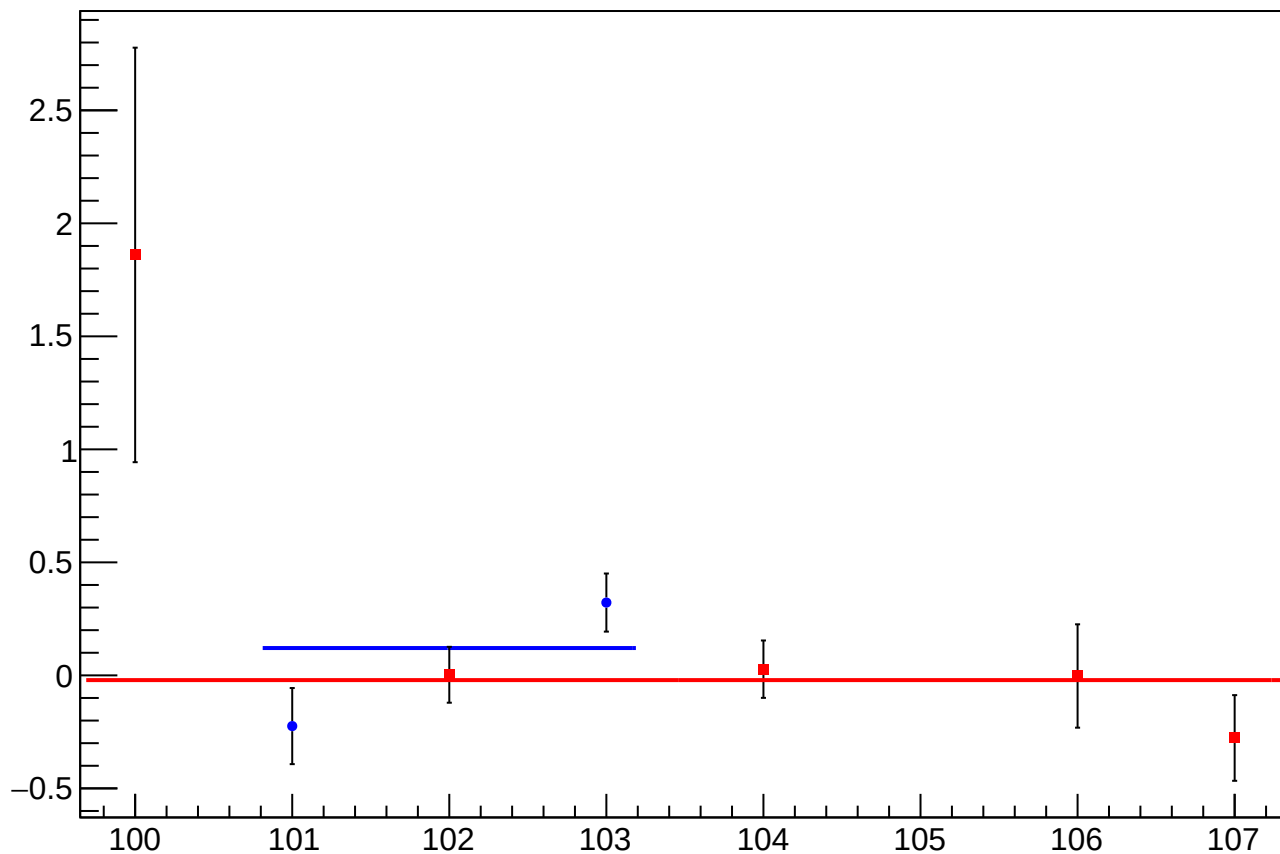
Right: 100.928 $\pm$ 0.043 χ^2 /NDF: 138395.6/6

In: 110.410 $\pm$ 0.072 χ^2 /NDF: 40820.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 100.928 $\pm$ 0.043 χ^2 /NDF: 138395.6/6

asym_sam4_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.121+/-0.102 χ^2/NDF : 6.7/1

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

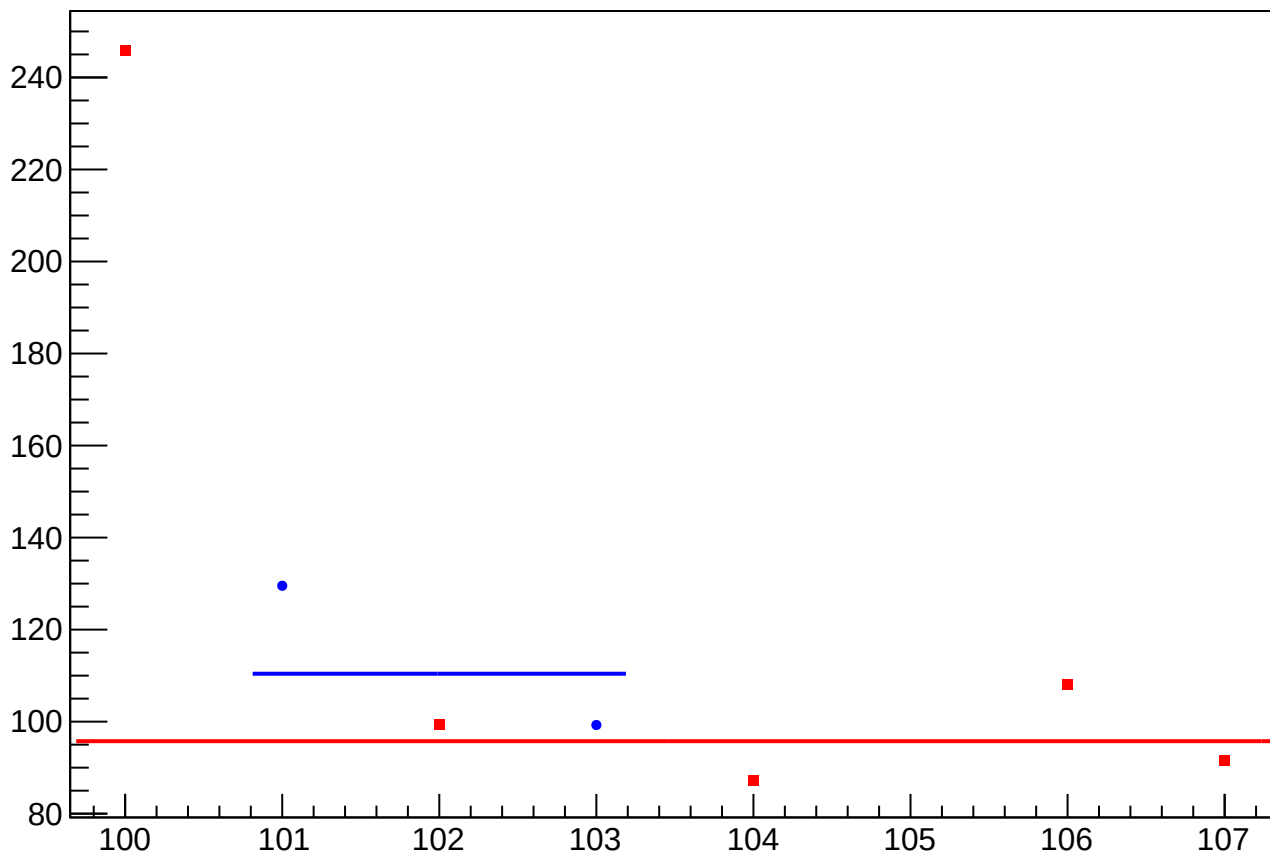
Right: 0.029+/-0.061 χ^2/NDF : 14.1/6

In: 0.121+/-0.102 χ^2/NDF : 6.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.061 χ^2/NDF : 14.1/6

asym_sam4_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 110.410 $\pm$ 0.072 χ^2 /NDF: 40820.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 95.754 $\pm$ 0.053 χ^2 /NDF: 70945.8/4

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

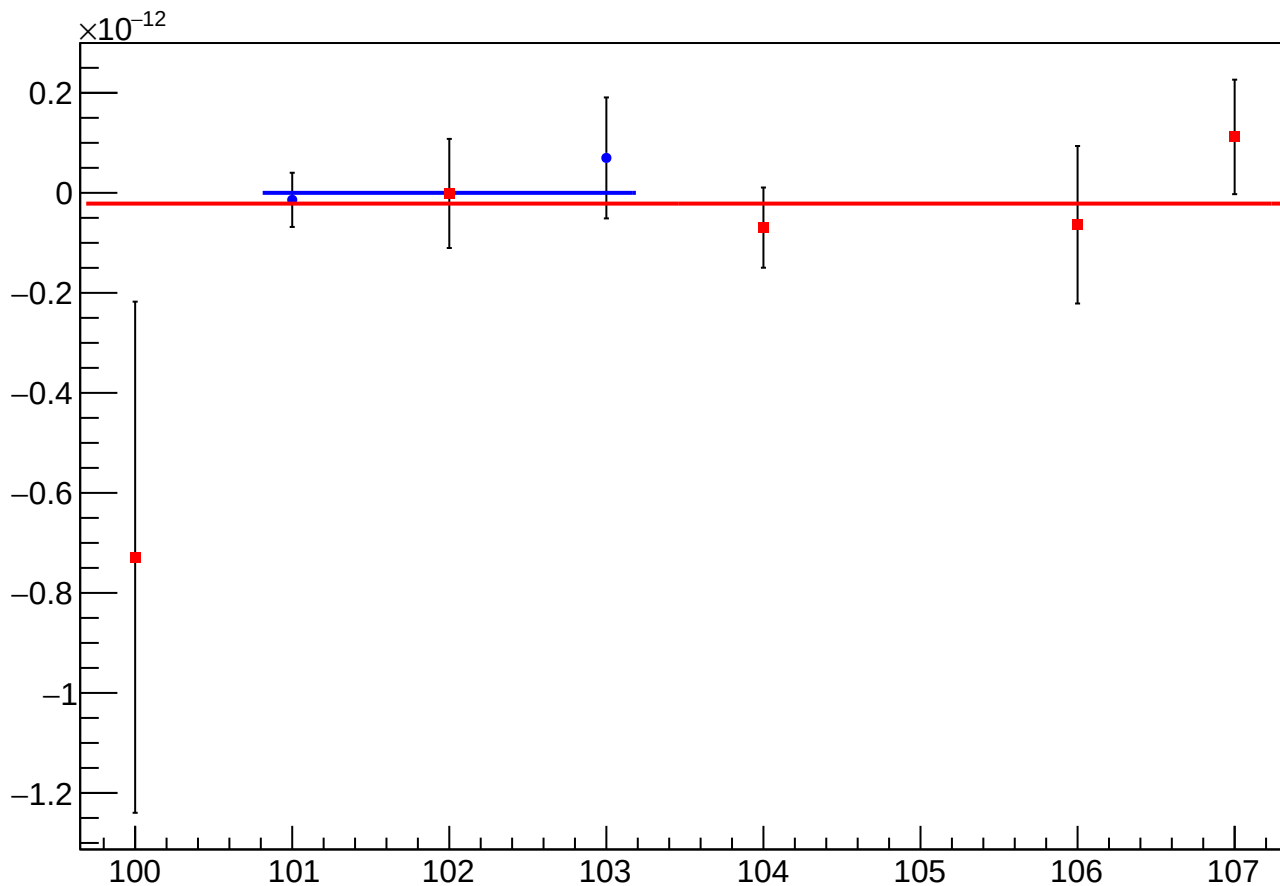
Right: 100.928 $\pm$ 0.043 χ^2 /NDF: 138395.6/6

In: 110.410 $\pm$ 0.072 χ^2 /NDF:40820.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 100.928 $\pm$ 0.043 χ^2 /NDF: 138395.6/6

asym_sam4_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.4/1

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

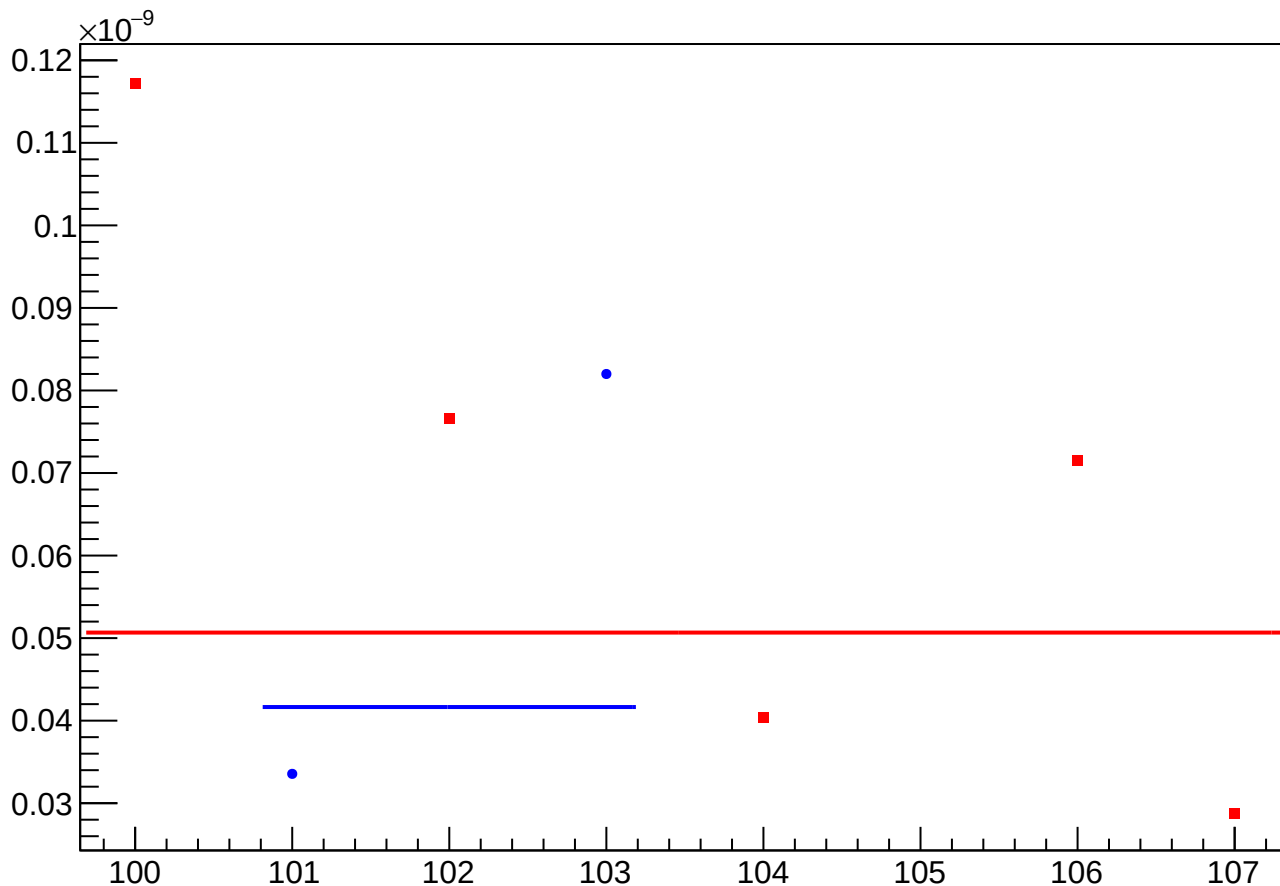
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.2/6

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.2/6

asym_sam4_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 267220.4/1

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

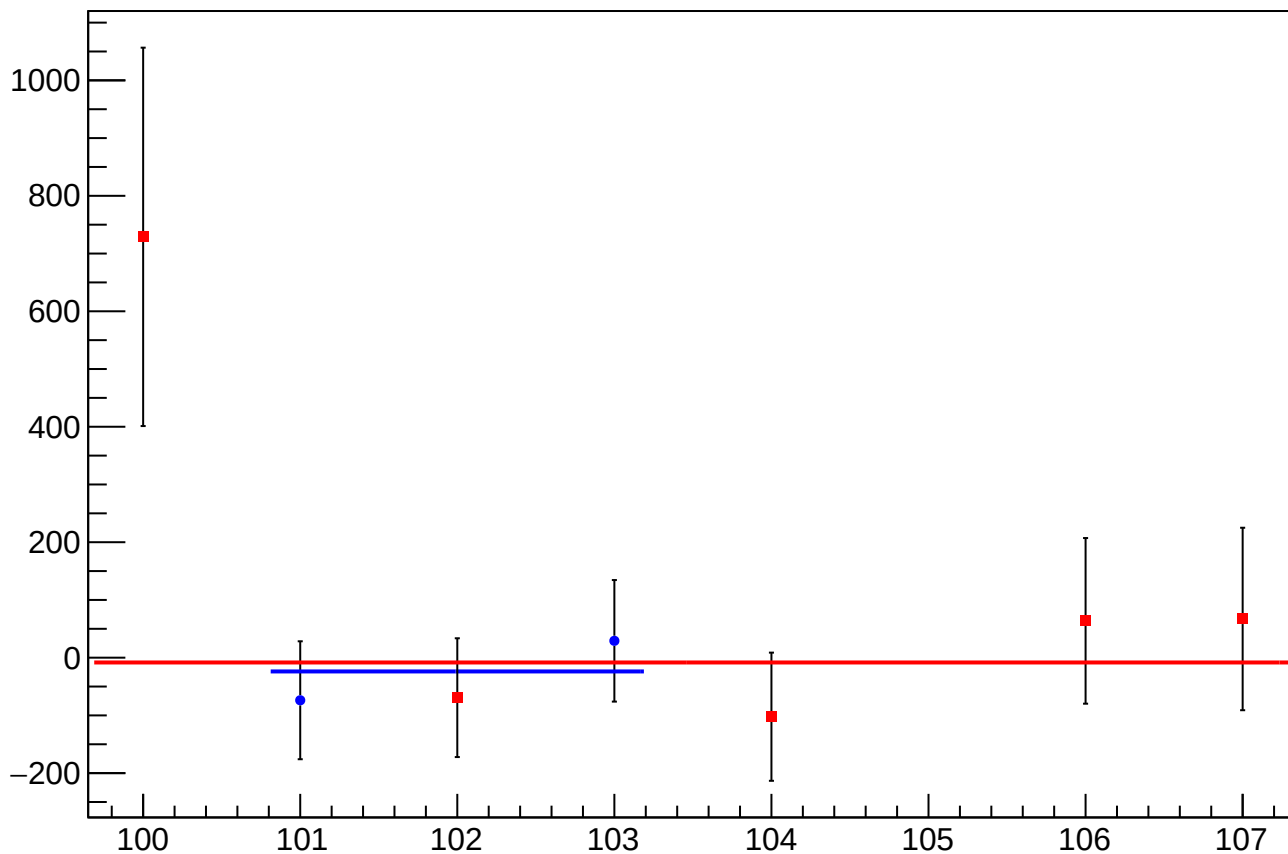
Right: 0.000+/-0.000 χ^2/NDF : 585880.8/6

In: 0.000+/-0.000 χ^2/NDF : 267220.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 585880.8/6

reg_asym_sam5_mean vs Slug, Sign Corrected



Right In: -23.852+/-73.312 χ^2/NDF : 0.5/1

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

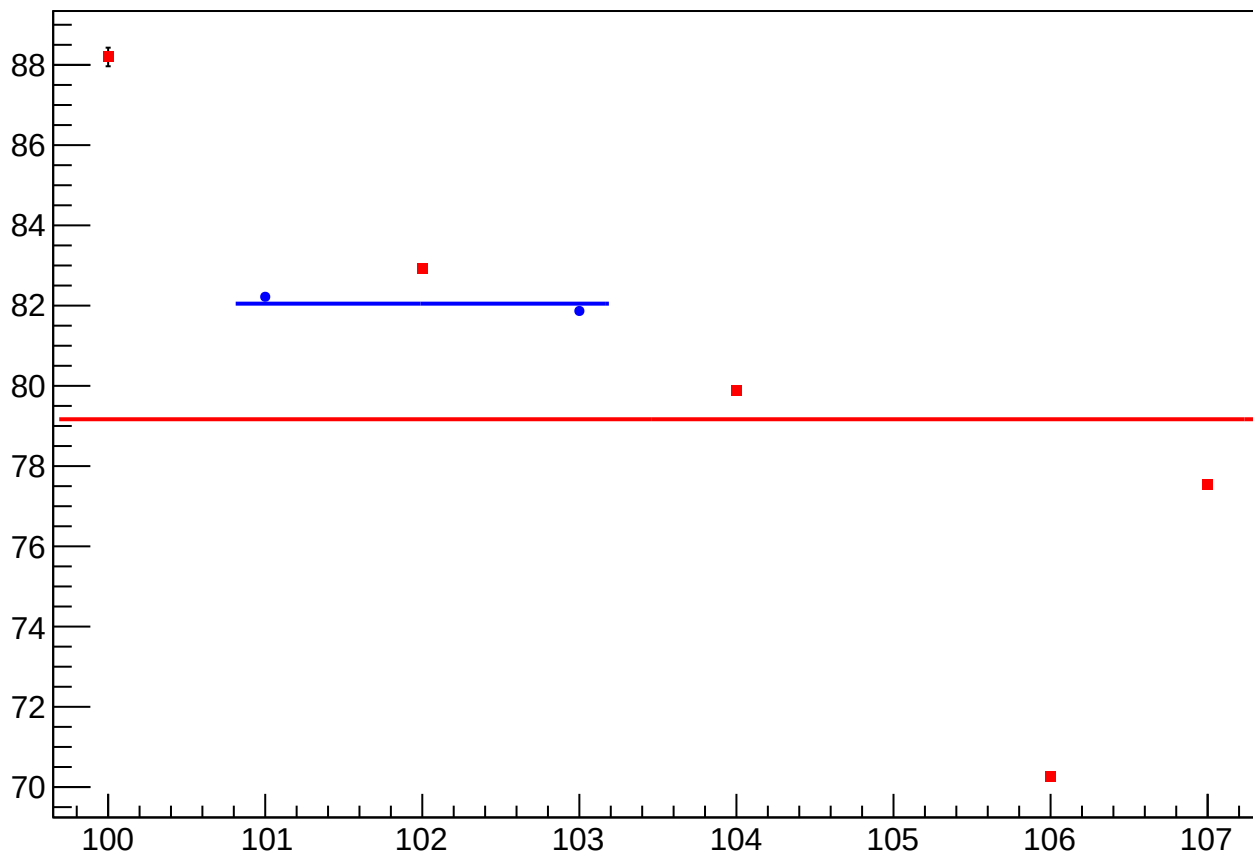
Right: -14.607+/-46.645 χ^2/NDF : 7.1/6

In: -23.852+/-73.312 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.607+/-46.645 χ^2/NDF : 7.1/6

reg_asym_sam5_rms vs Slug, Sign Corrected



Right In: 82.049 $\pm$ 0.052 χ^2 /NDF: 11.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 79.168 $\pm$ 0.043 χ^2 /NDF: 12207.3/4

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

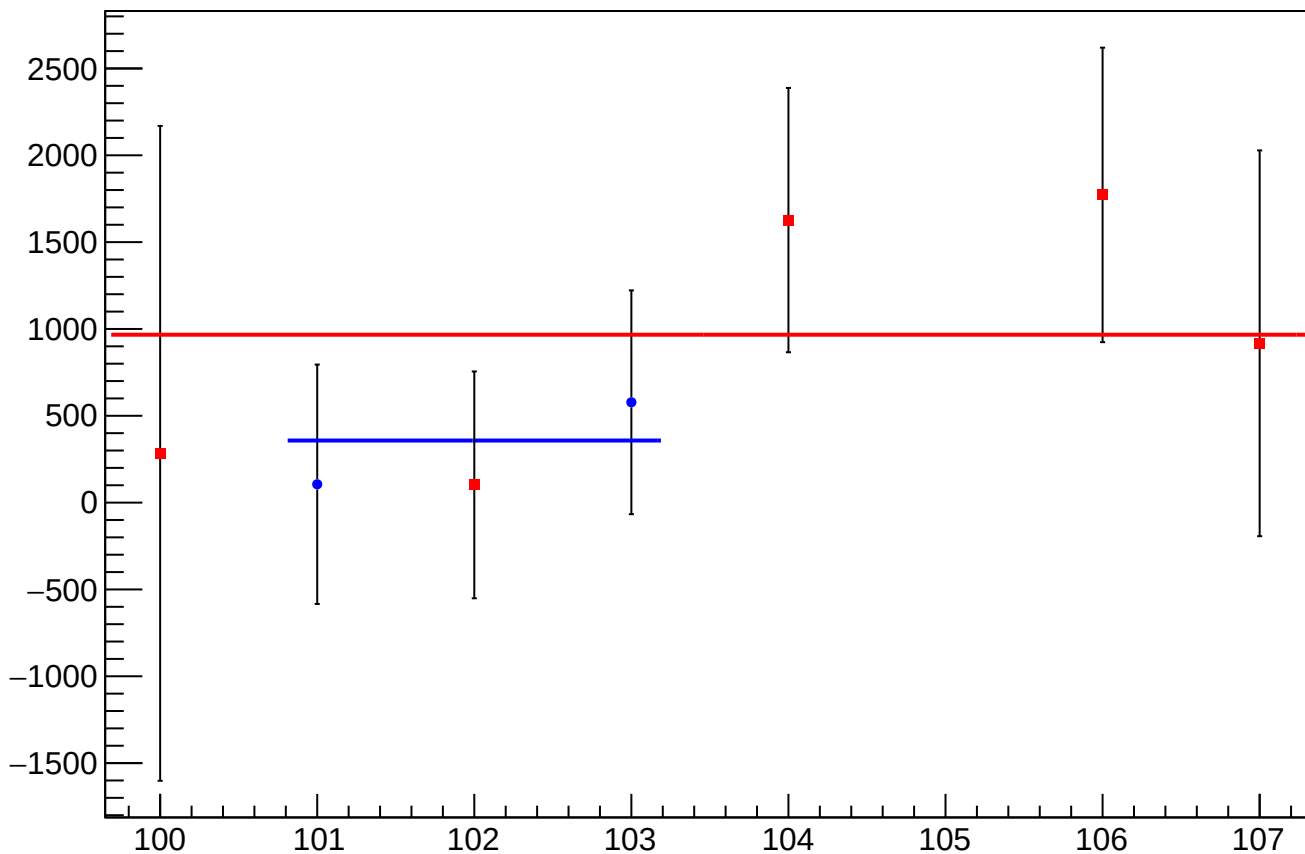
Right: 80.334 $\pm$ 0.033 χ^2 /NDF: 14057.5/6

In: 82.049 $\pm$ 0.052 χ^2 /NDF: 11.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 80.334 $\pm$ 0.033 χ^2 /NDF: 14057.5/6

asym_sam5_reg_correction_mean vs Slug, Sign Corrected



Right In: 357.585+/-470.675 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 966.849+/-390.625 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

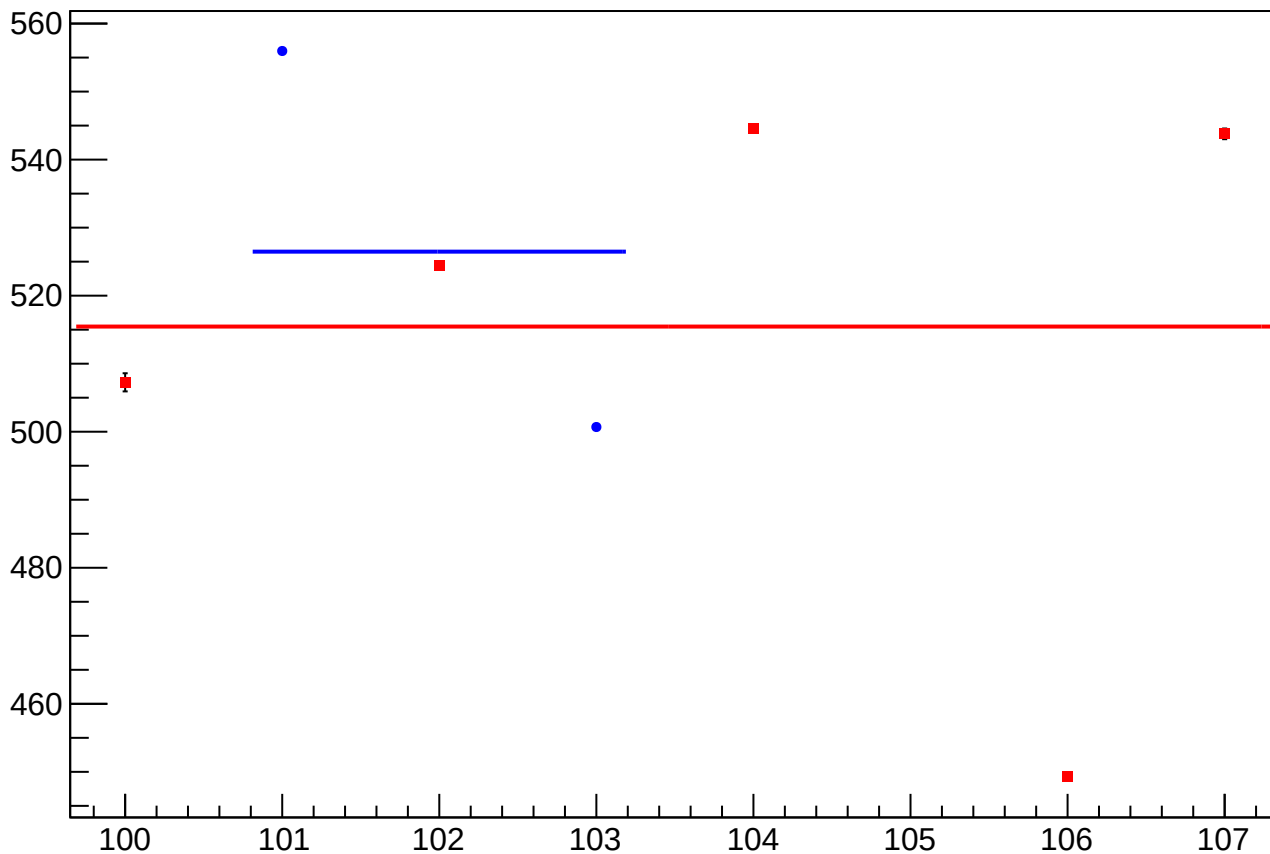
Right: 718.357+/-300.590 χ^2/NDF : 4.8/6

In: 357.585+/-470.675 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 718.357+/-300.590 χ^2/NDF : 4.8/6

asym_sam5_reg_correction_rms vs Slug, Sign Corrected



Right In: 526.471 $\pm$ 0.333 χ^2 /NDF: 6865.0/1

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

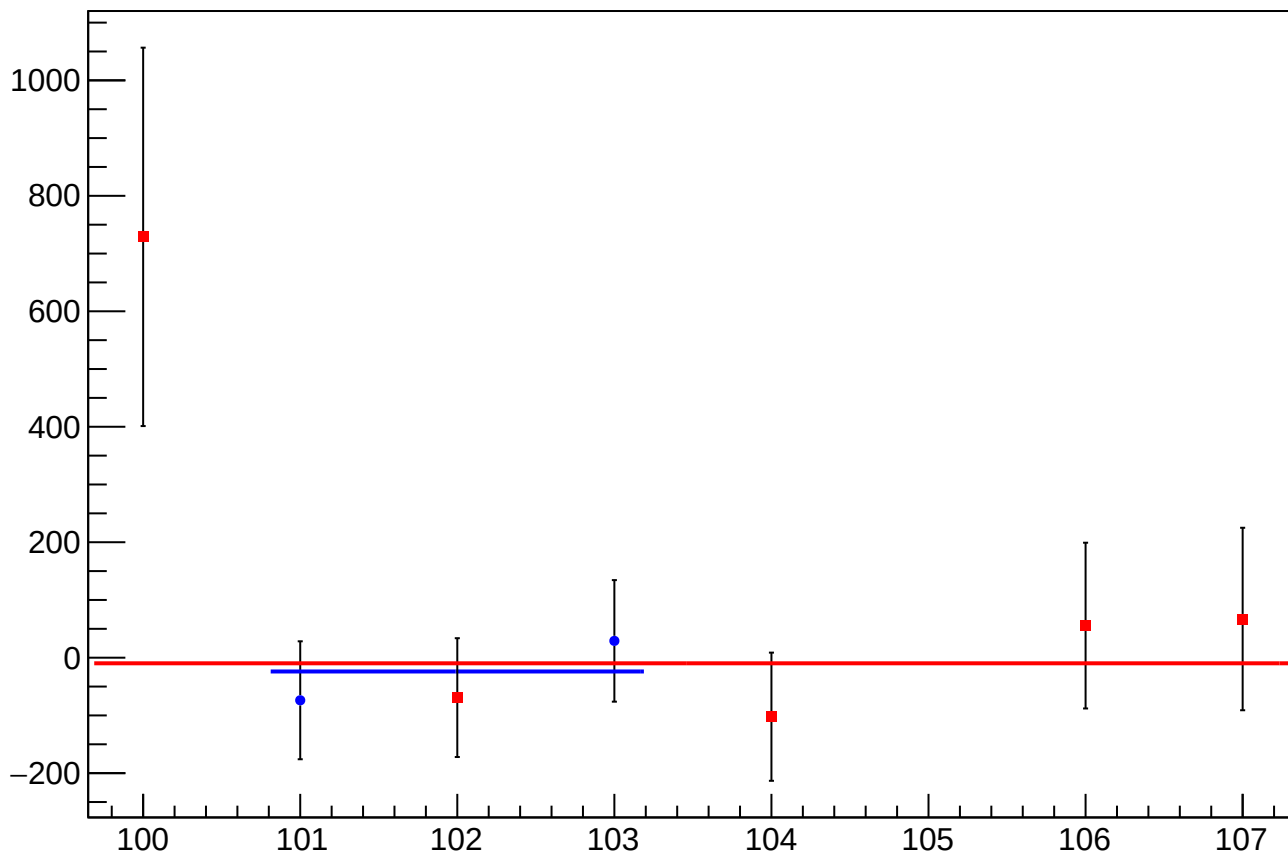
Right: 519.950 $\pm$ 0.213 χ^2 /NDF: 24341.1/6

In: 526.471 $\pm$ 0.333 χ^2 /NDF:6865.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 519.950 $\pm$ 0.213 χ^2 /NDF: 24341.1/6

cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: -23.884 $\pm$ 73.312 χ^2 /NDF: 0.5/1

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -9.718 $\pm$ -60.471 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

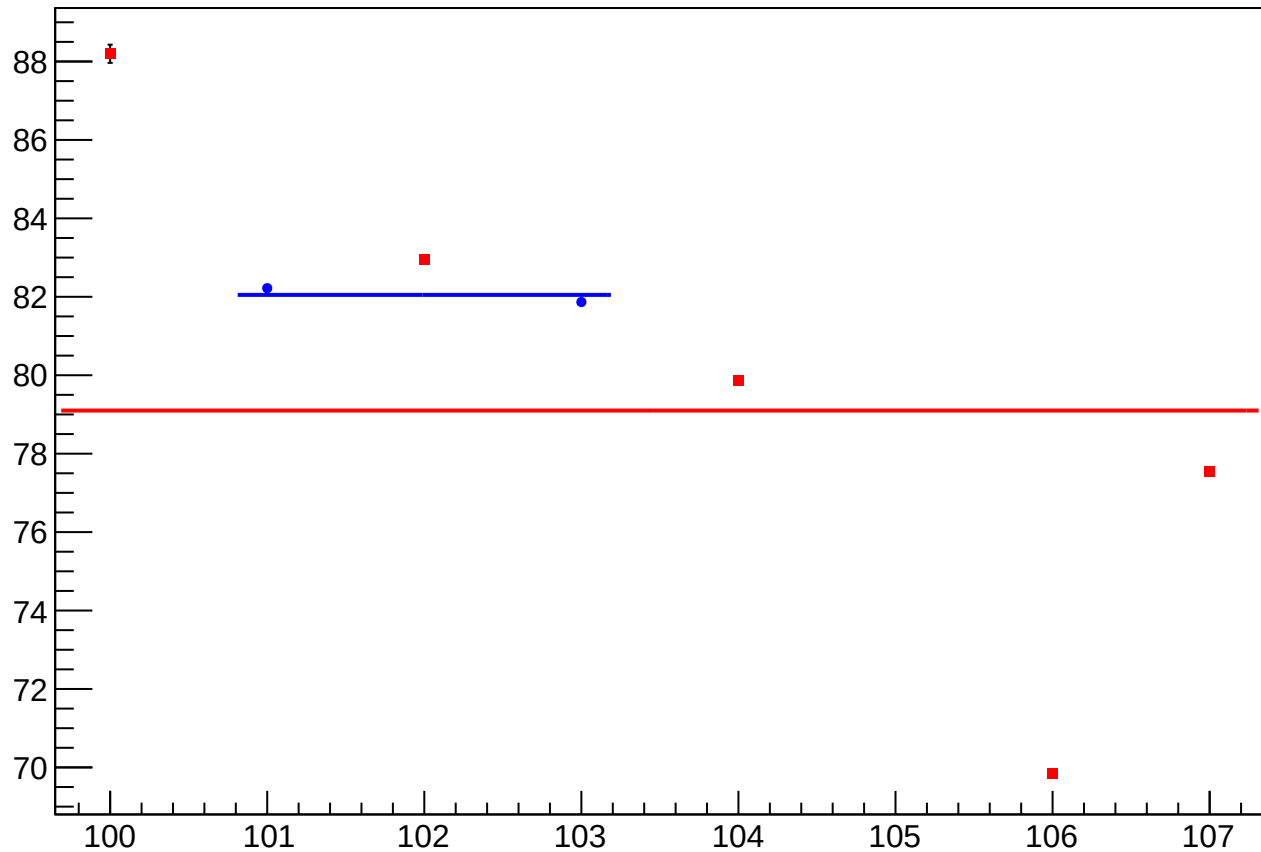
Right: -15.454 $\pm$ -46.650 χ^2 /NDF: 7.1/6

In: -23.884 $\pm$ -73.312 χ^2 /NDF:0.5/1

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: -15.454 $\pm$ -46.650 χ^2 /NDF: 7.1/6

cor_asym_sam5_rms vs Slug, Sign Corrected



Right In: 82.049+/-0.052 χ^2/NDF : 11.6/1

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

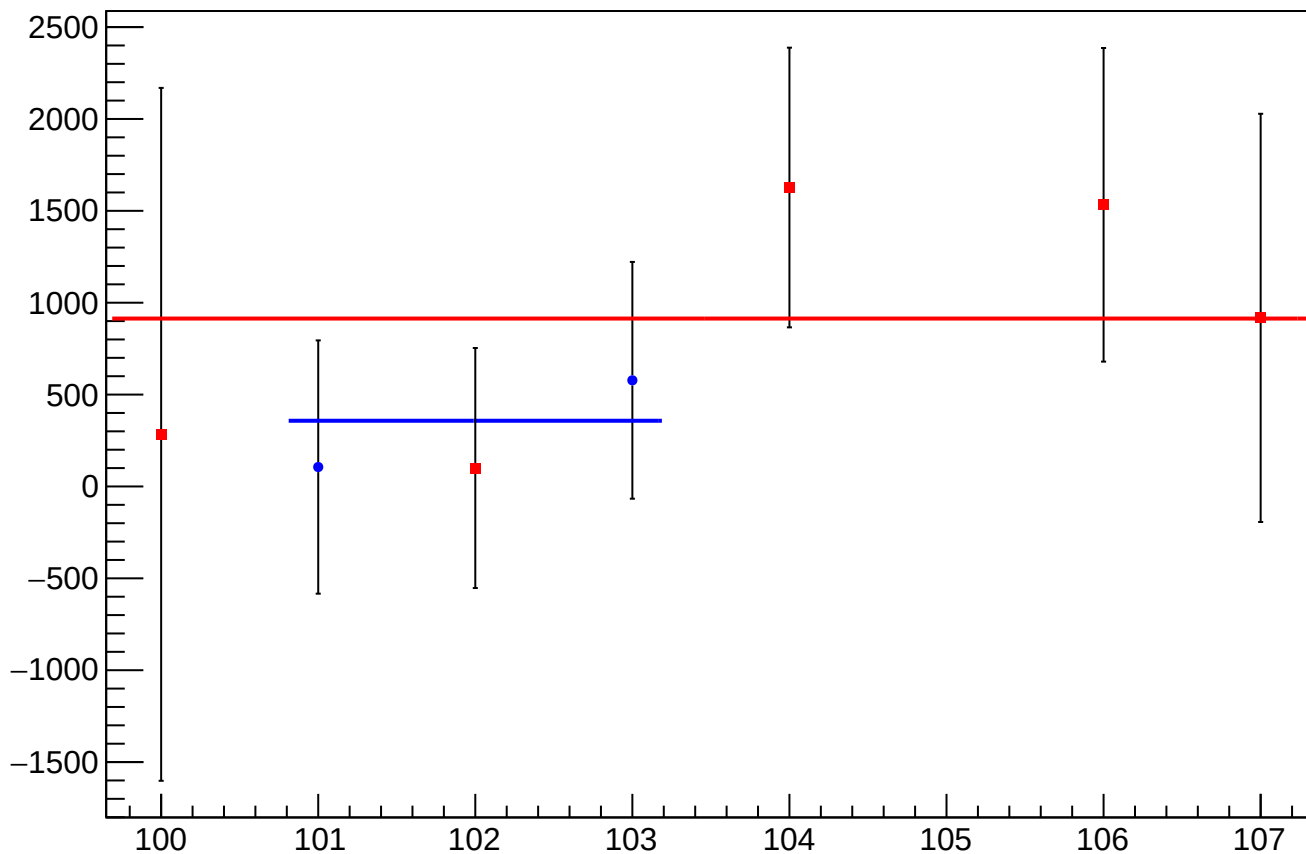
Right: 80.294+/-0.033 χ^2/NDF : 14897.0/6

In: 82.049+/-0.052 χ^2/NDF : 11.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.294+/-0.033 χ^2/NDF : 14897.0/6

asym_sam5_cor_correction_mean vs Slug, Sign Corrected



Right In: 357.580+/-470.674 χ^2/NDF : 0.3/1

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

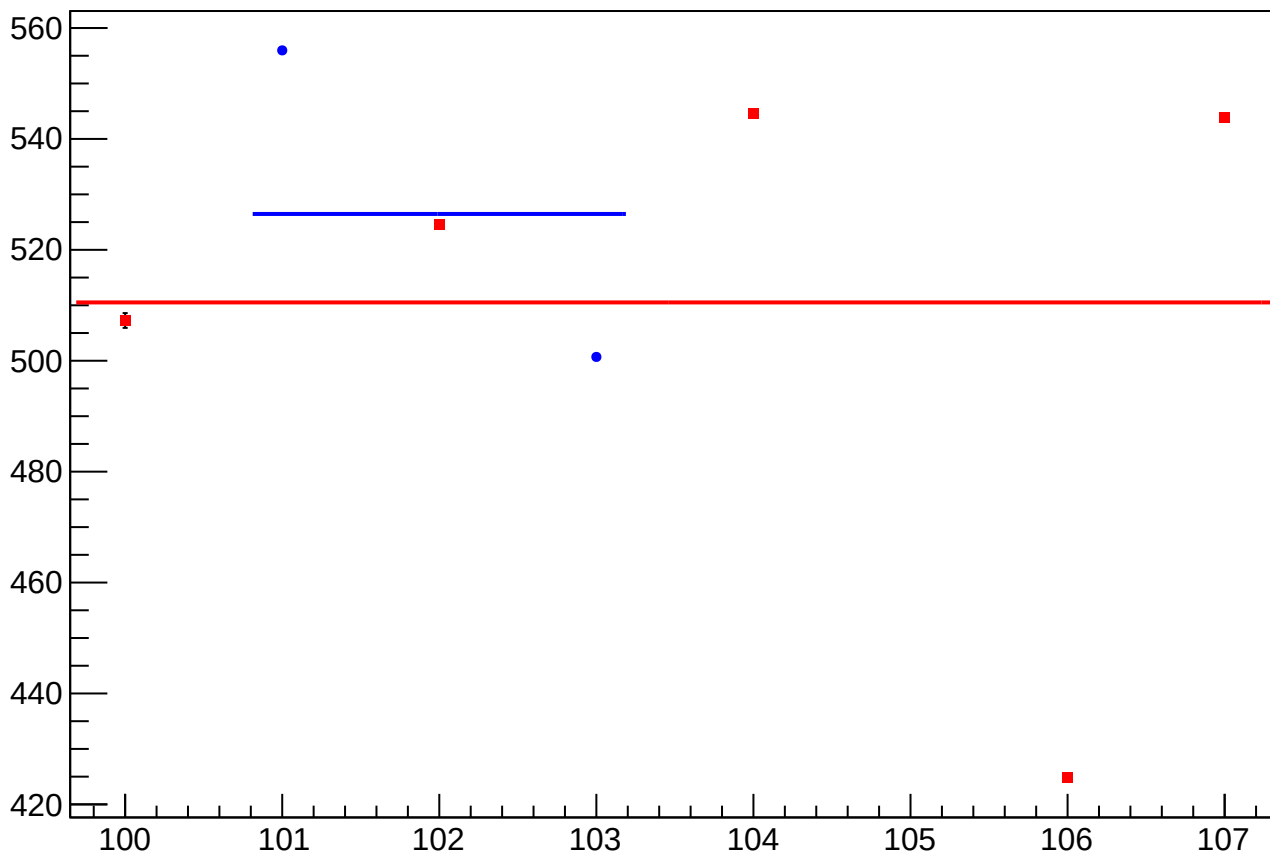
Right: 686.568+/-300.836 χ^2/NDF : 4.1/6

In: 357.580+/-470.674 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 686.568+/-300.836 χ^2/NDF : 4.1/6

asym_sam5_cor_correction_rms vs Slug, Sign Corrected



Right In: 526.470+/-0.333 χ^2/NDF : 6865.8/1

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

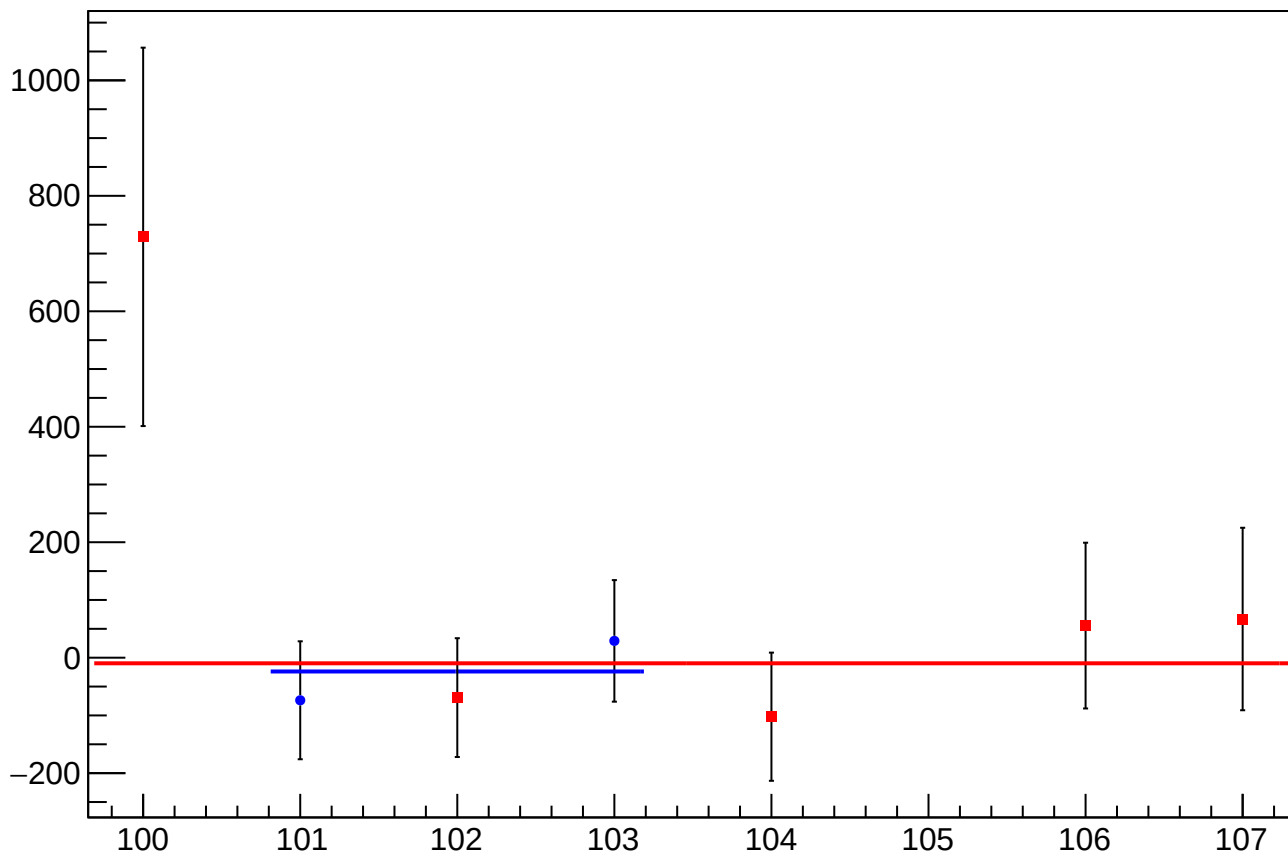
Right: 517.034+/-0.213 χ^2/NDF : 35096.3/6

In: 526.470+/-0.333 χ^2/NDF : 6865.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 517.034+/-0.213 χ^2/NDF : 35096.3/6

eigen_cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: -23.884+/-73.312 χ^2/NDF : 0.5/1

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

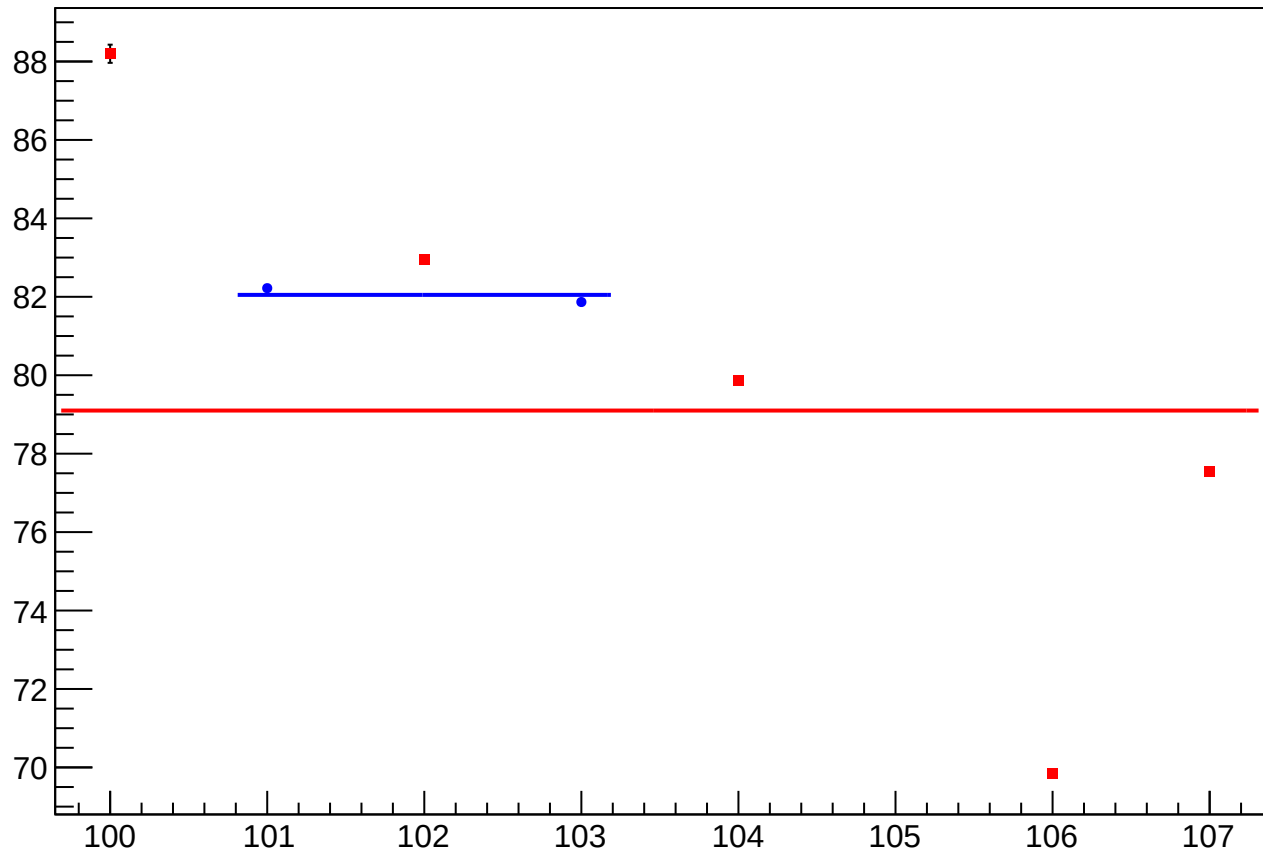
Right: -15.454+/-46.650 χ^2/NDF : 7.1/6

In: -23.884+/-73.312 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.454+/-46.650 χ^2/NDF : 7.1/6

eigen_cor_asym_sam5_rms vs Slug, Sign Corrected



Right In: 82.049+/-0.052 χ^2/NDF : 11.6/1

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

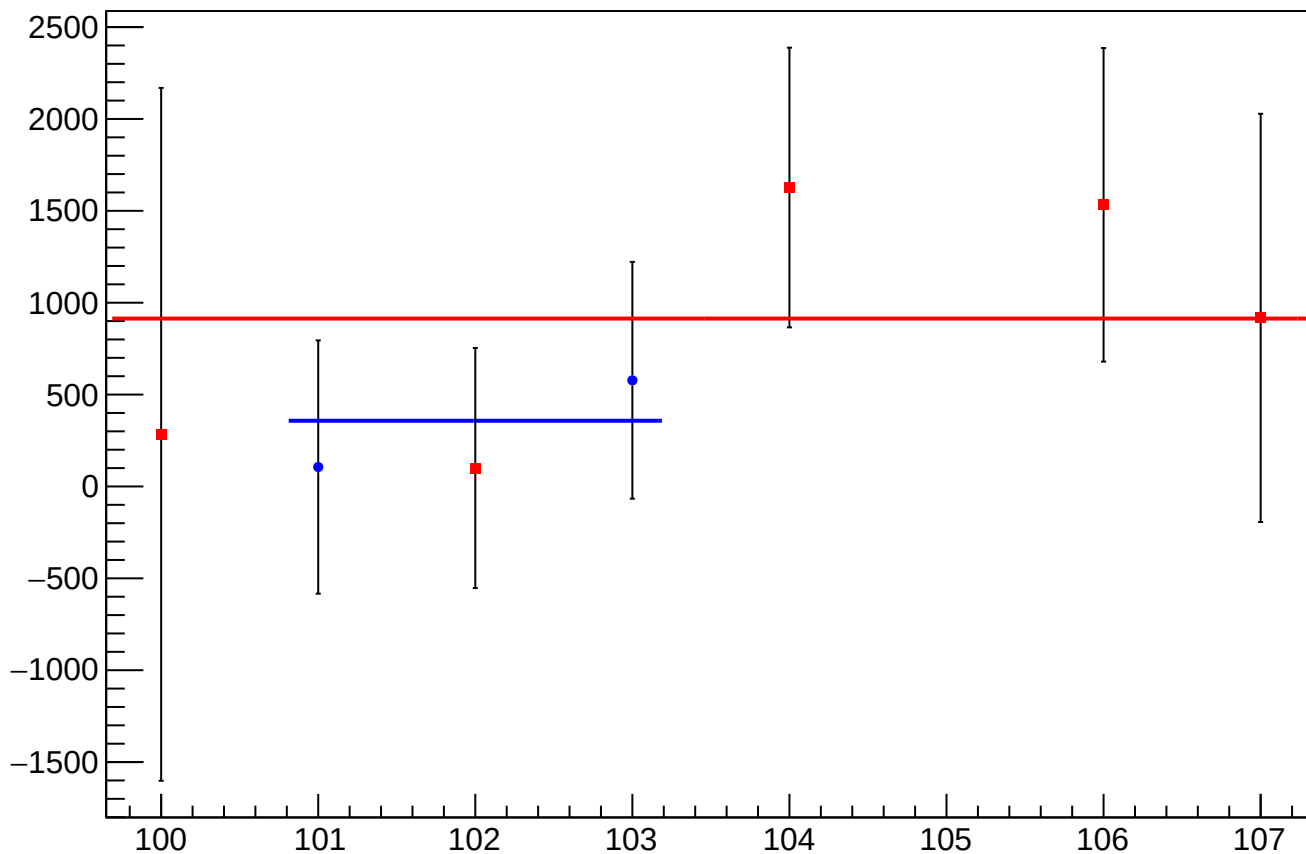
Right: 80.294+/-0.033 χ^2/NDF : 14897.0/6

In: 82.049+/-0.052 χ^2/NDF : 11.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.294+/-0.033 χ^2/NDF : 14897.0/6

asym_sam5_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 357.580 $\pm$ 470.674 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 913.797 $\pm$ 391.167 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

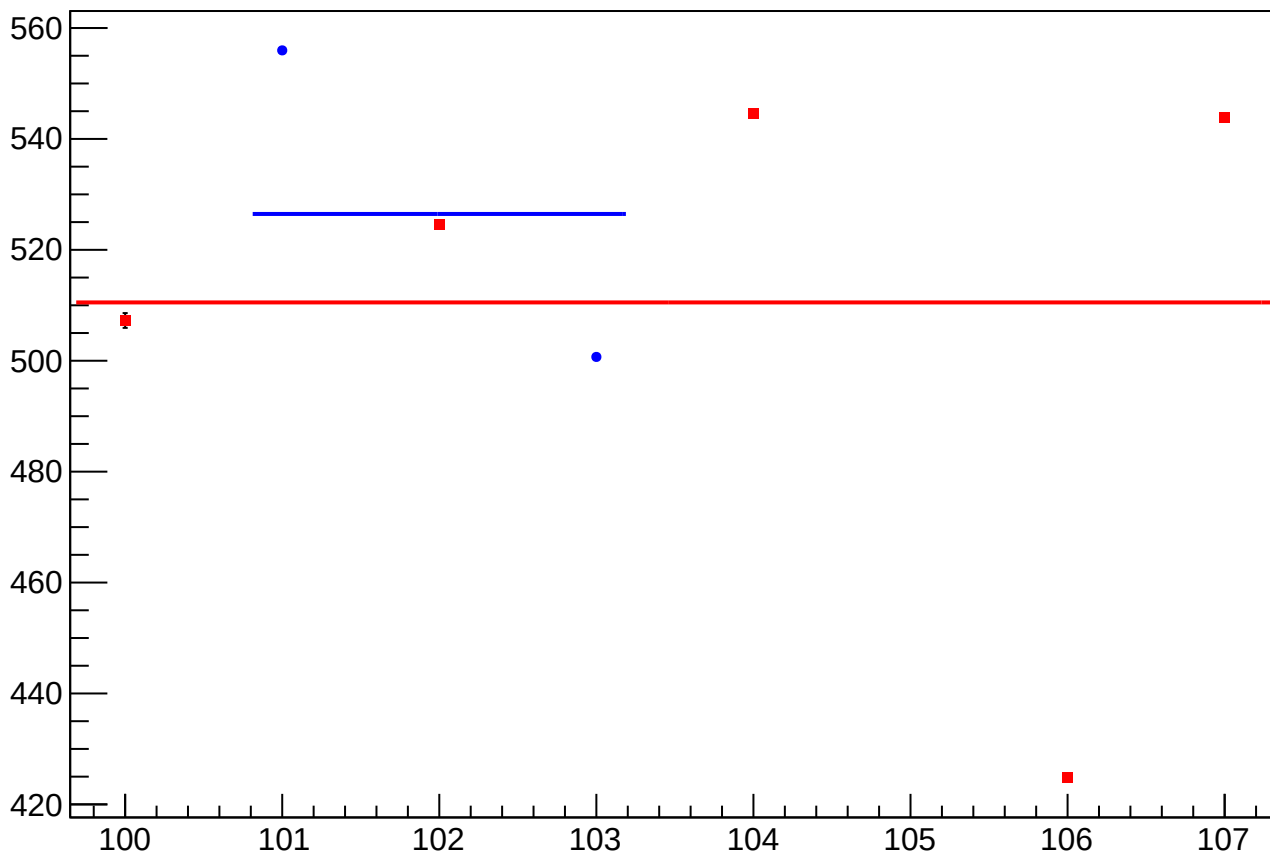
Right: 686.568 $\pm$ 300.836 χ^2 /NDF: 4.1/6

In: 357.580 $\pm$ 470.674 χ^2 /NDF: 0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 686.568 $\pm$ 300.836 χ^2 /NDF: 4.1/6

asym_sam5_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 526.470 +/- 0.333 χ^2/NDF : 6865.8/1

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

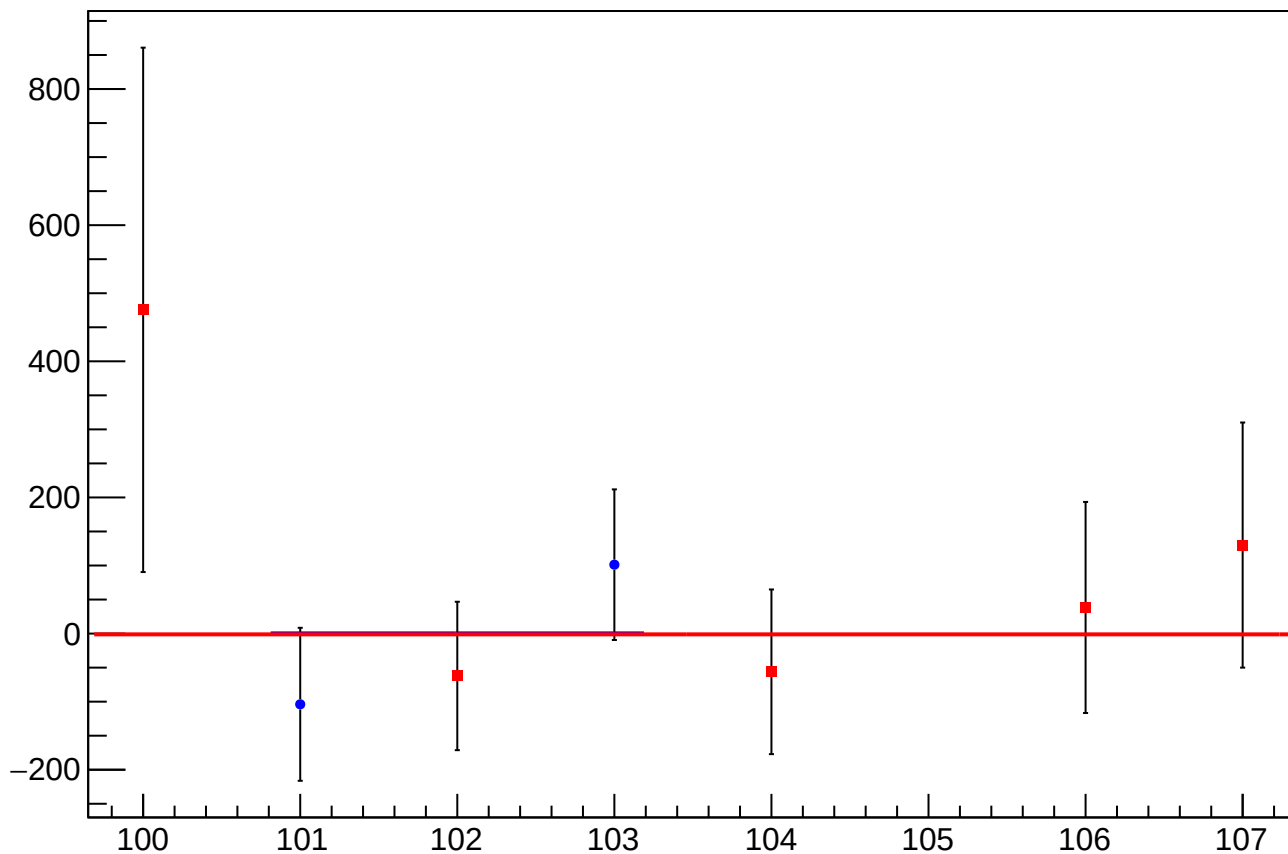
Right: 517.034 +/- 0.213 χ^2/NDF : 35096.3/6

In: 526.470 +/- 0.333 χ^2/NDF : 6865.8/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 517.034 +/- 0.213 χ^2/NDF : 35096.3/6

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 0.274+/-78.837 χ^2/NDF : 1.7/1

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

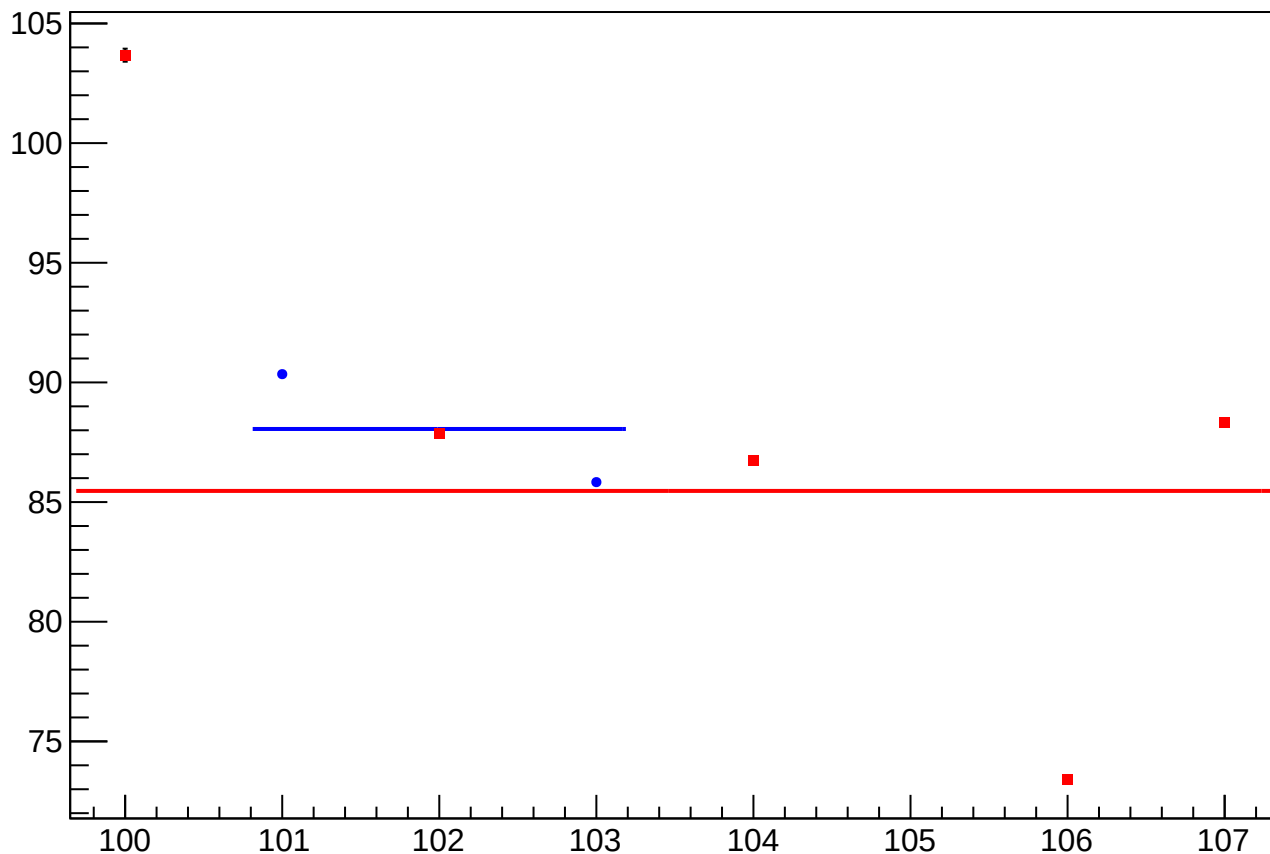
Right: -0.556+/-50.469 χ^2/NDF : 4.3/6

In: 0.274+/-78.837 χ^2/NDF : 1.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.556+/-50.469 χ^2/NDF : 4.3/6

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 88.055+/-0.056 χ^2/NDF : 1637.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.466+/-0.046 χ^2/NDF : 18243.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

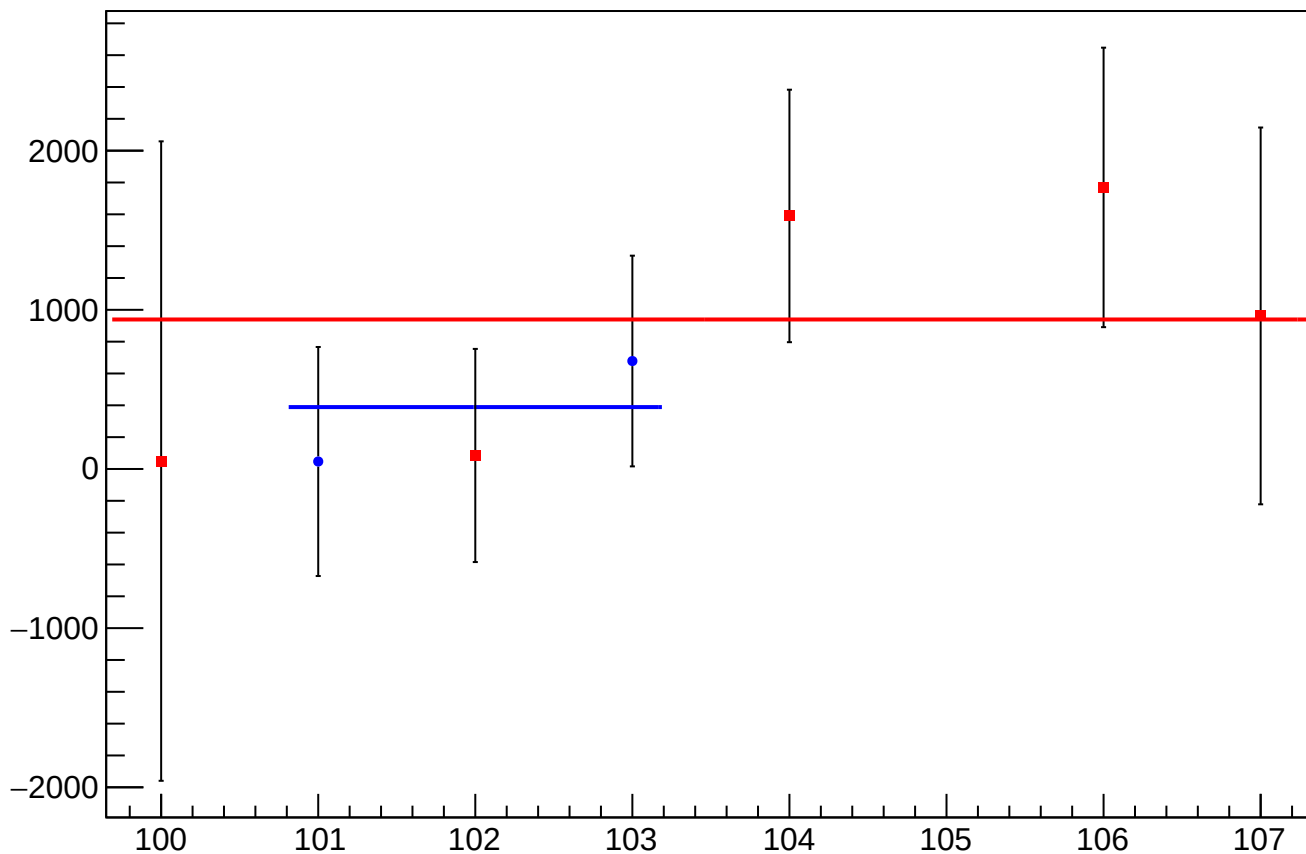
Right: 86.527+/-0.036 χ^2/NDF : 21153.8/6

In: 88.055+/-0.056 χ^2/NDF : 1637.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.527+/-0.036 χ^2/NDF : 21153.8/6

asym_sam5_dit_correction_mean vs Slug, Sign Corrected



Right In: 388.884 $\pm$ 487.159 χ^2 /NDF: 0.4/1

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

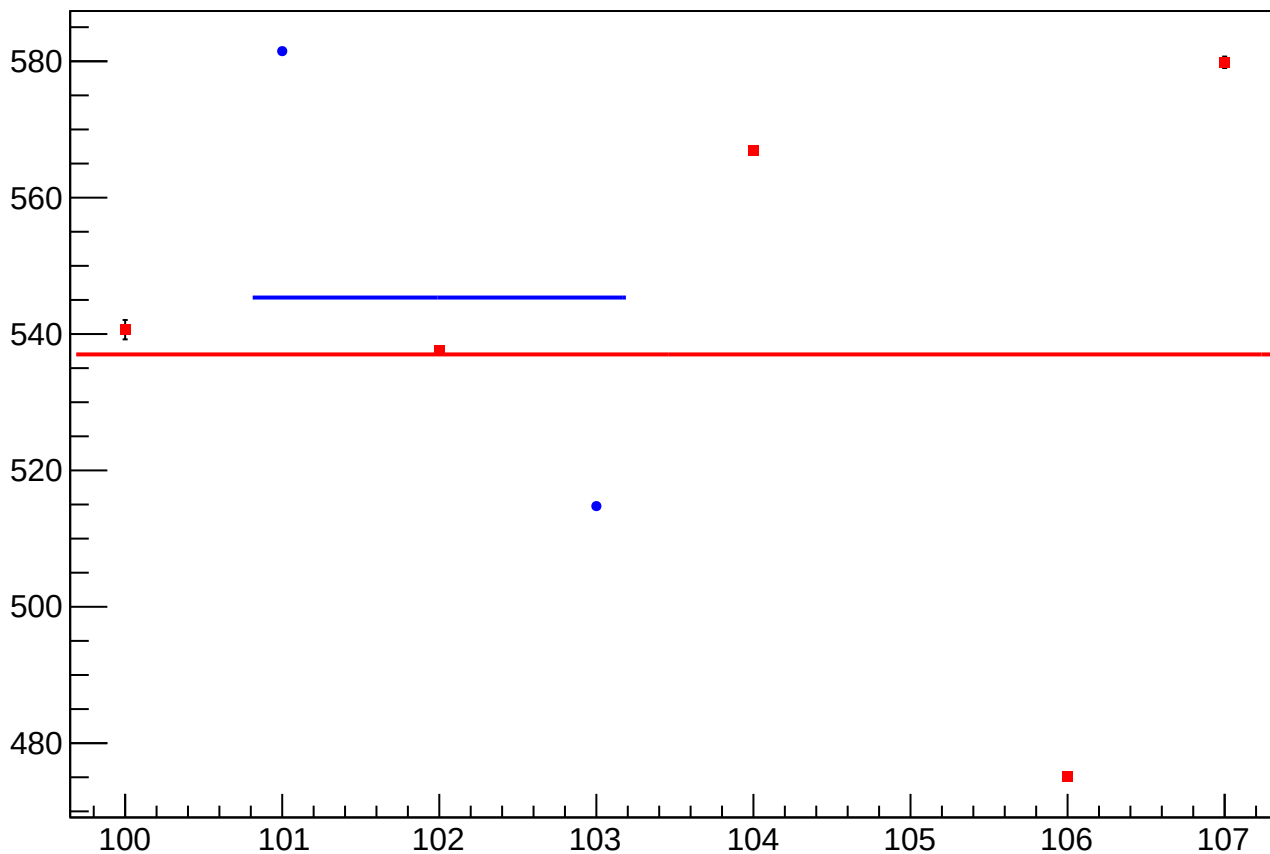
Right: 713.940 $\pm$ 311.713 χ^2 /NDF: 4.6/6

In: 388.884 $\pm$ 487.159 χ^2 /NDF: 0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 713.940 $\pm$ 311.713 χ^2 /NDF: 4.6/6

asym_sam5_dit_correction_rms vs Slug, Sign Corrected



Right In: 545.352 $\pm$ 0.344 χ^2 /NDF: 9313.9/1

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

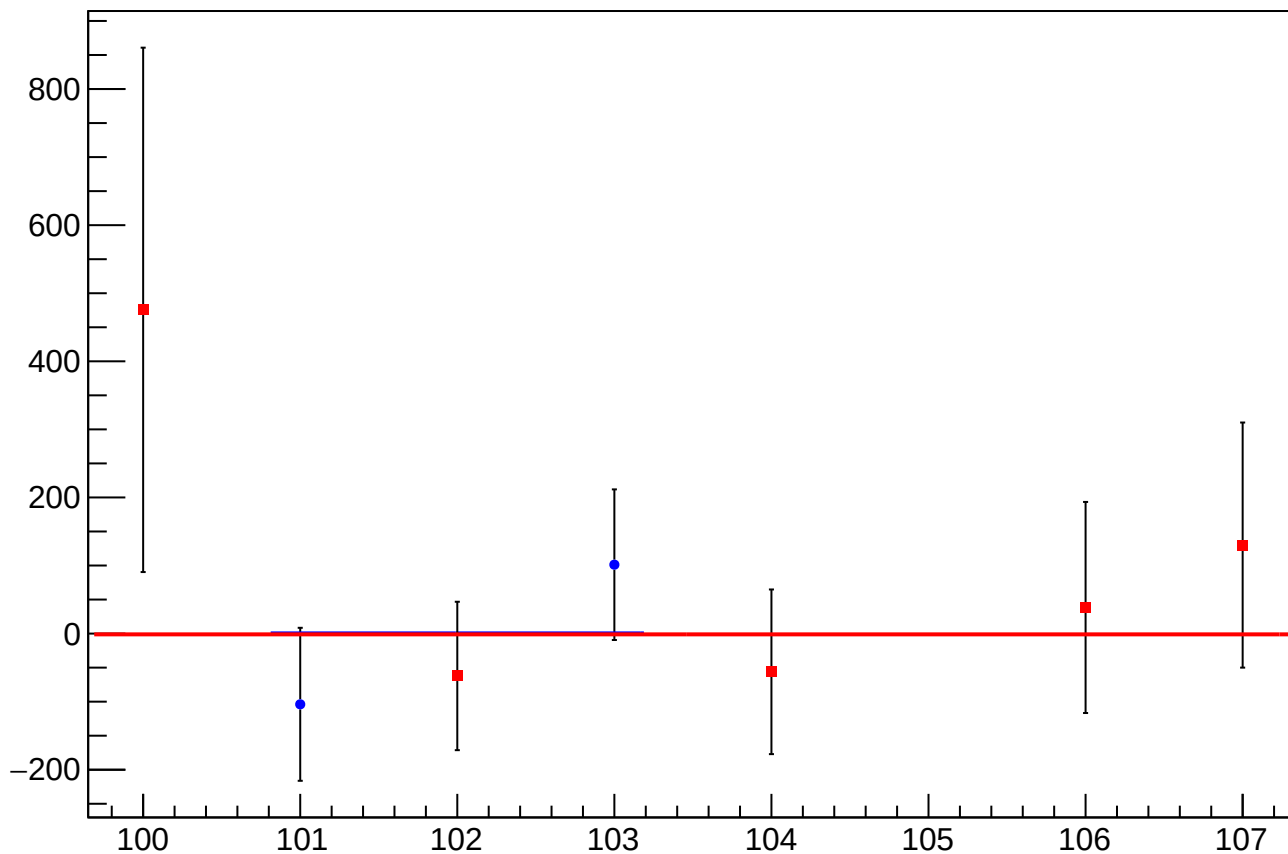
Right: 540.426 $\pm$ 0.220 χ^2 /NDF: 25078.2/6

In: 545.352 $\pm$ 0.344 χ^2 /NDF: 9313.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 540.426 $\pm$ 0.220 χ^2 /NDF: 25078.2/6

eigen_dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 0.272+/-78.837 χ^2/NDF : 1.7/1

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

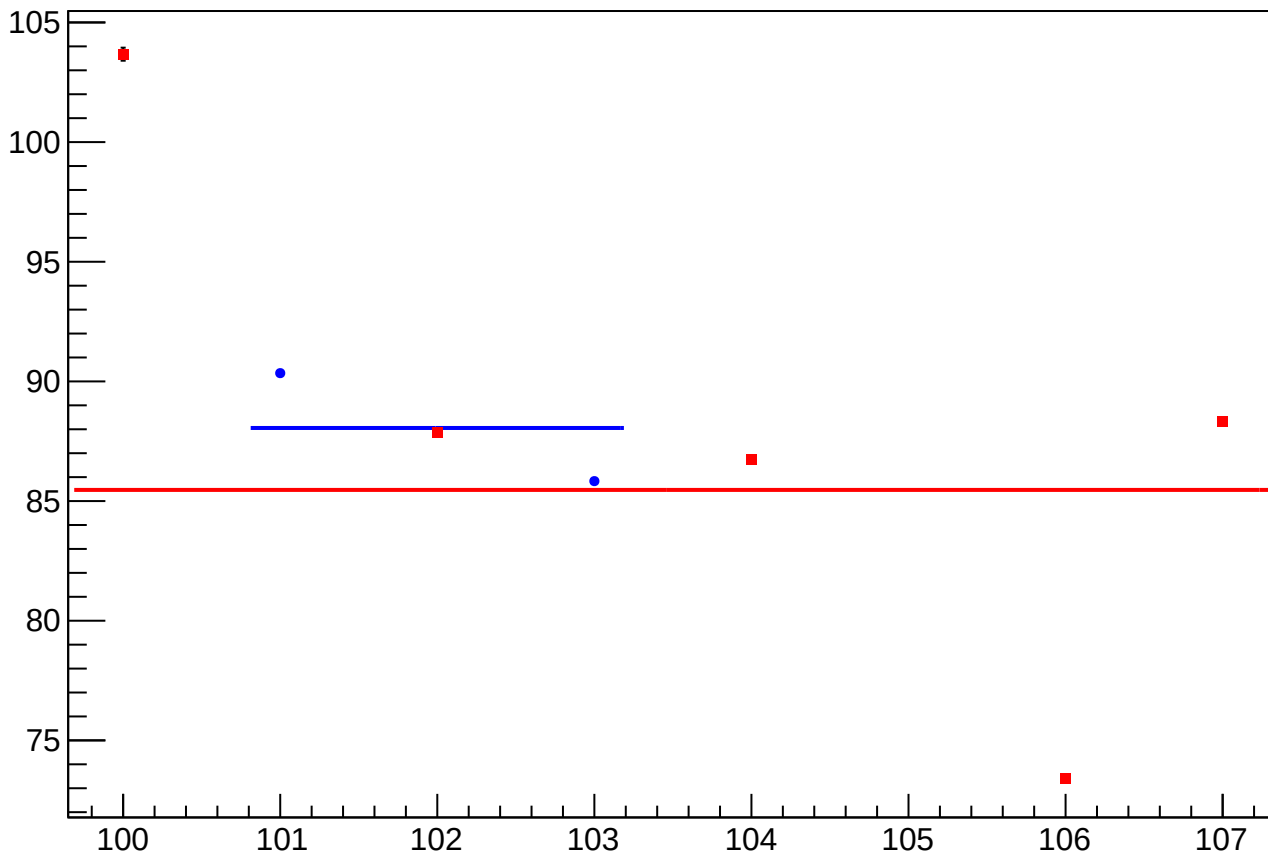
Right: -0.556+/-50.469 χ^2/NDF : 4.3/6

In: 0.272+/-78.837 χ^2/NDF : 1.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.556+/-50.469 χ^2/NDF : 4.3/6

eigen_dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 88.054+/-0.056 χ^2/NDF : 1637.6/1

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

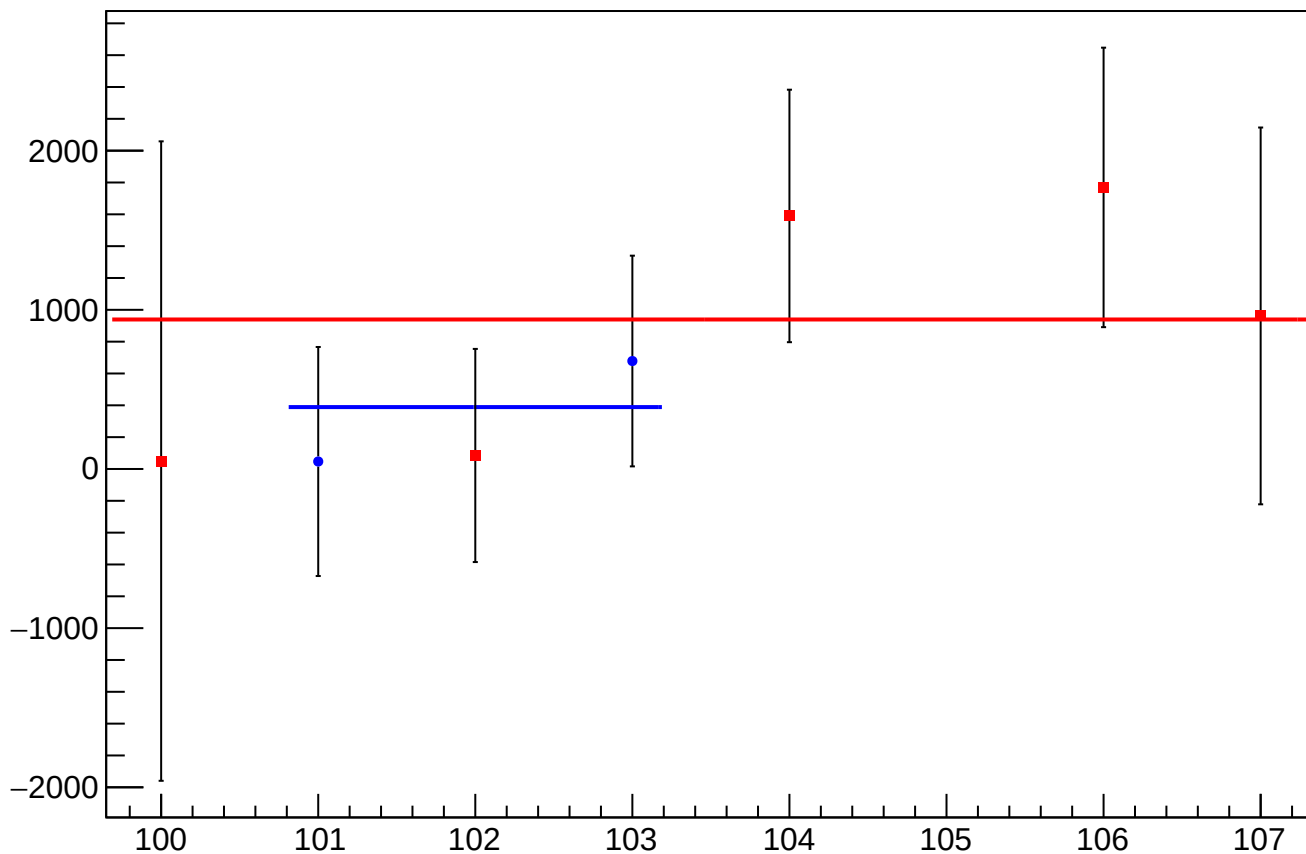
Right: 86.527+/-0.036 χ^2/NDF : 21153.3/6

In: 88.054+/-0.056 χ^2/NDF : 1637.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.527+/-0.036 χ^2/NDF : 21153.3/6

asym_sam5_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 388.882 $\pm$ 487.159 χ^2 /NDF: 0.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 939.285 $\pm$ 405.615 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

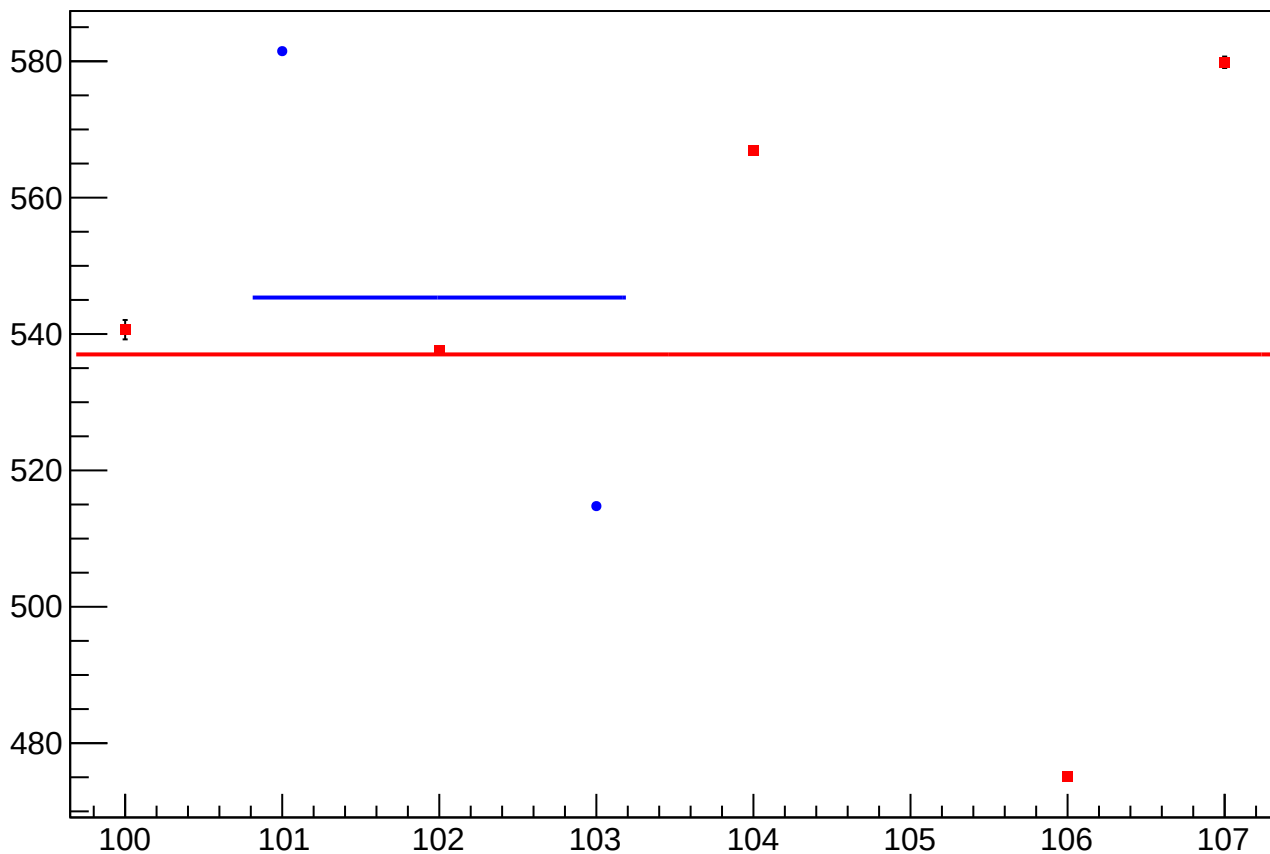
Right: 713.940 $\pm$ 311.713 χ^2 /NDF: 4.6/6

In: 388.882 $\pm$ 487.159 χ^2 /NDF: 0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 713.940 $\pm$ 311.713 χ^2 /NDF: 4.6/6

asym_sam5_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 545.351+/-0.344 χ^2/NDF : 9313.7/1

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

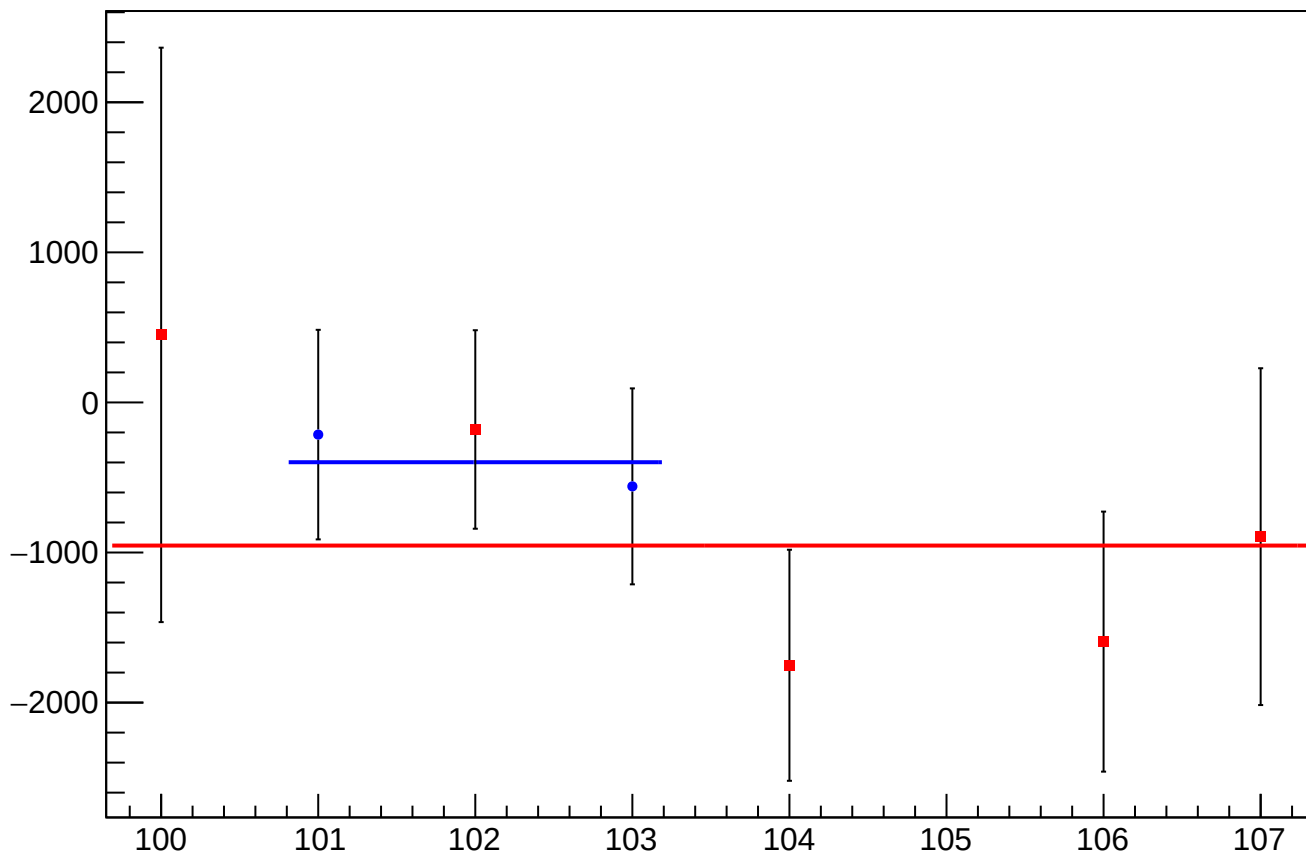
Right: 540.425+/-0.220 χ^2/NDF : 25078.1/6

In: 545.351+/-0.344 χ^2/NDF : 9313.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 540.425+/-0.220 χ^2/NDF : 25078.1/6

asym_sam5_mean vs Slug, Sign Corrected



Right In: -398.343 ± 476.874 χ^2/NDF : 0.1/1

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

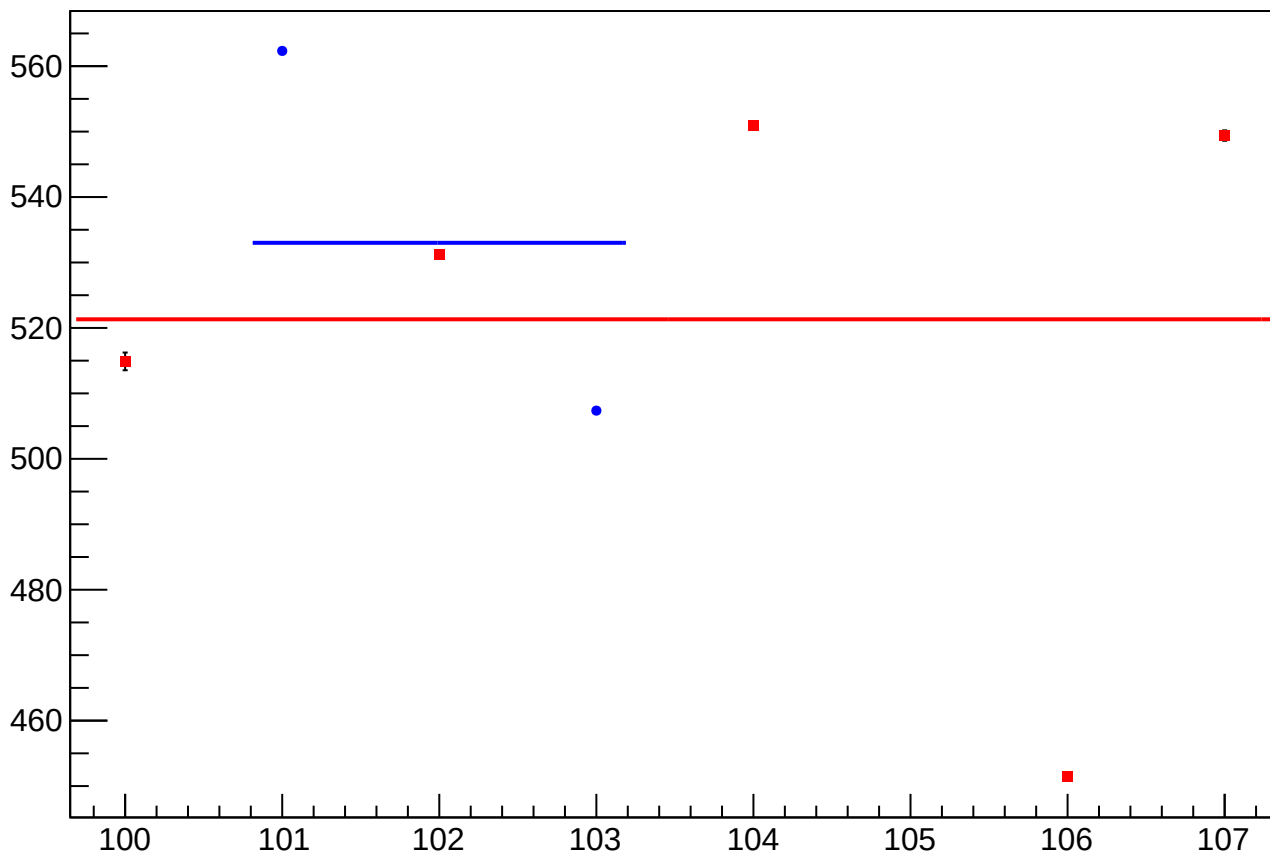
Right: -726.953 ± 304.704 χ^2/NDF : 4.5/6

In: -398.343 ± 476.874 χ^2/NDF : 0.1/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -726.953 ± 304.704 χ^2/NDF : 4.5/6

asym_sam5_rms vs Slug, Sign Corrected



Right In: 533.008 $\pm$ 0.337 χ^2 /NDF: 6612.5/1

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

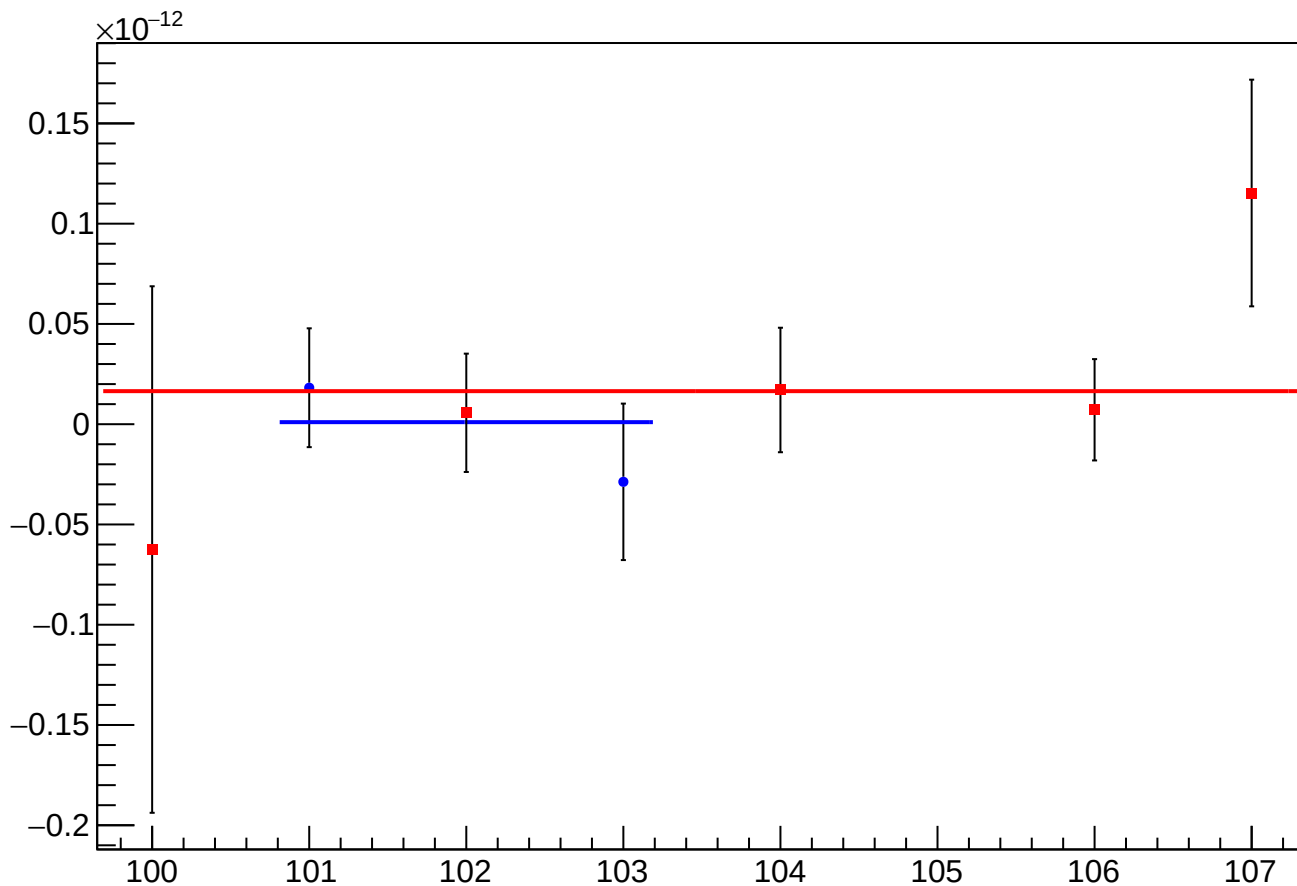
Right: 526.091 $\pm$ 0.215 χ^2 /NDF: 25031.8/6

In: 533.008 $\pm$ 0.337 χ^2 /NDF: 6612.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 526.091 $\pm$ 0.215 χ^2 /NDF: 25031.8/6

asym_sam5_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.9/1

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

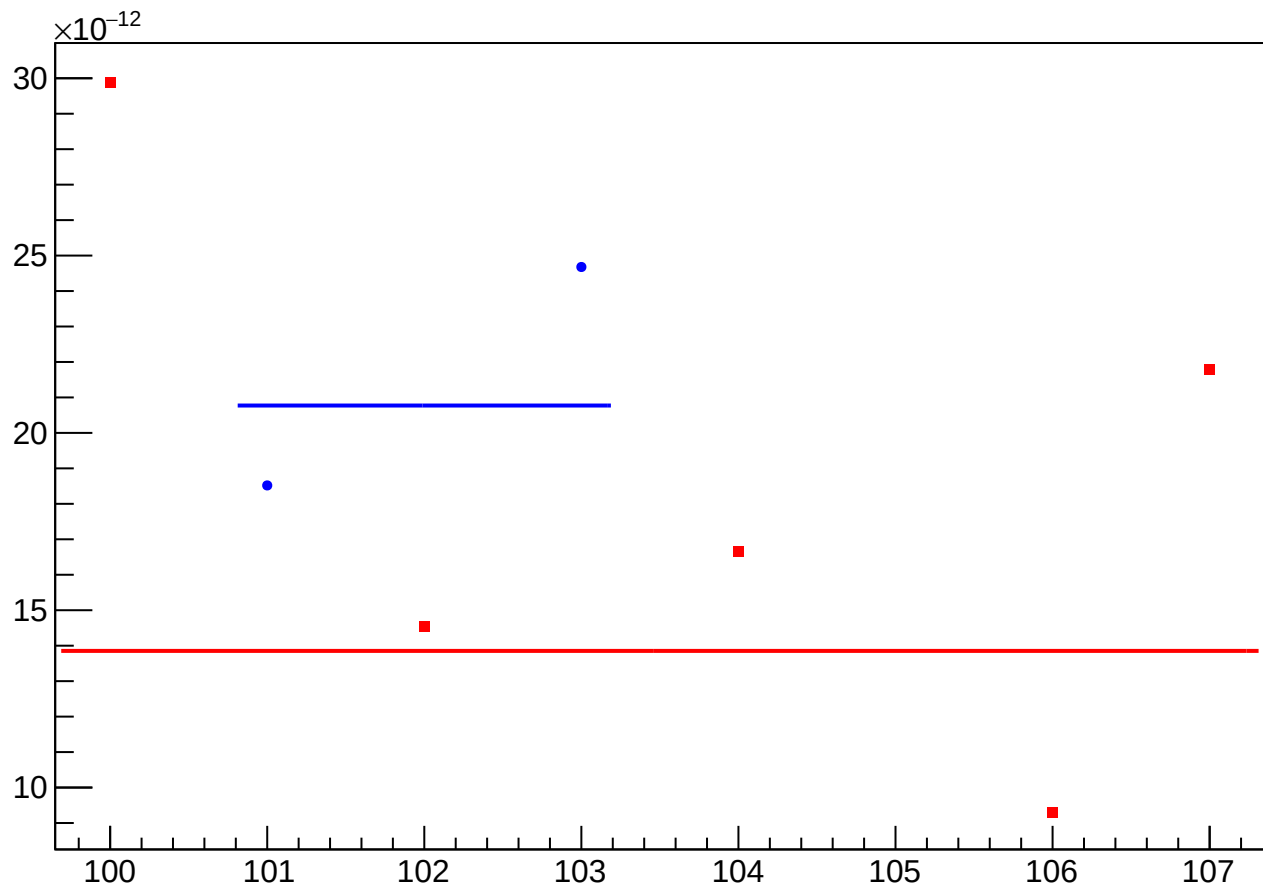
Right: 0.000+/-0.000 χ^2/NDF : 4.9/6

In: 0.000+/-0.000 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.9/6

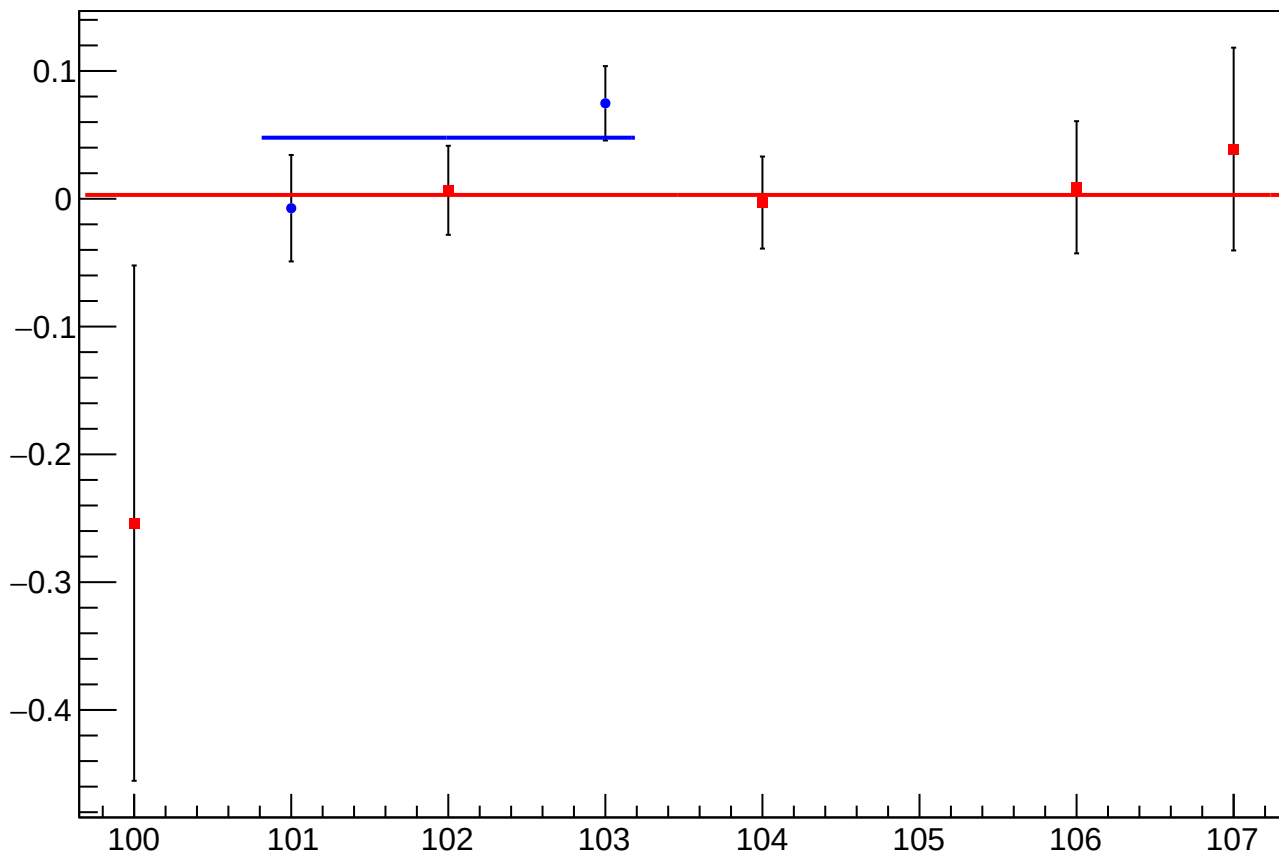
asym_sam5_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 31617.9/1
 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 : 302784.2/6
 In: 0.000+/-0.000 χ^2/NDF : 31617.9/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 302784.2/6

asym_sam5_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.048 $\pm$ 0.024 χ^2 /NDF: 2.6/1

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

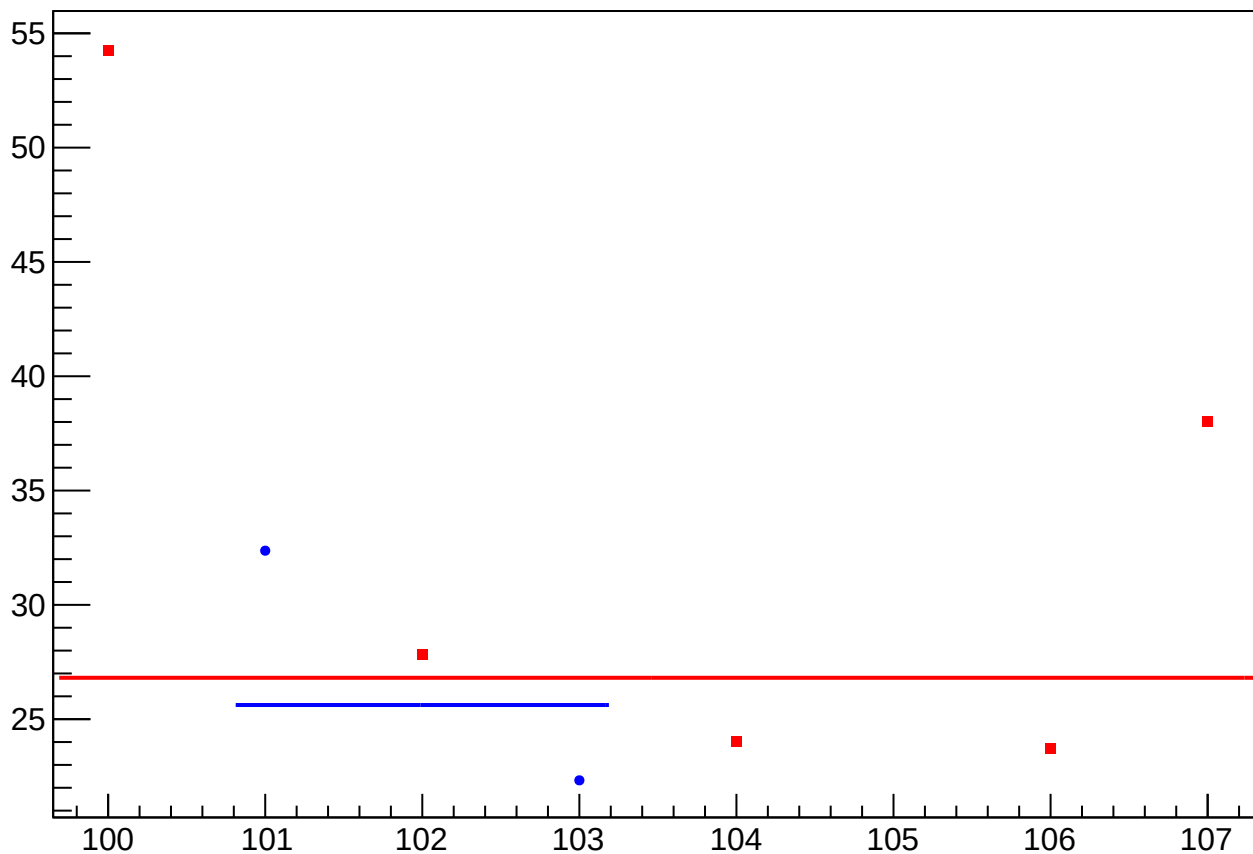
Right: 0.023 $\pm$ 0.016 χ^2 /NDF: 6.4/6

In: 0.048 $\pm$ 0.024 χ^2 /NDF: 2.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.023 $\pm$ 0.016 χ^2 /NDF: 6.4/6

asym_sam5_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.620+/-0.017 χ^2/NDF : 78146.7/1

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

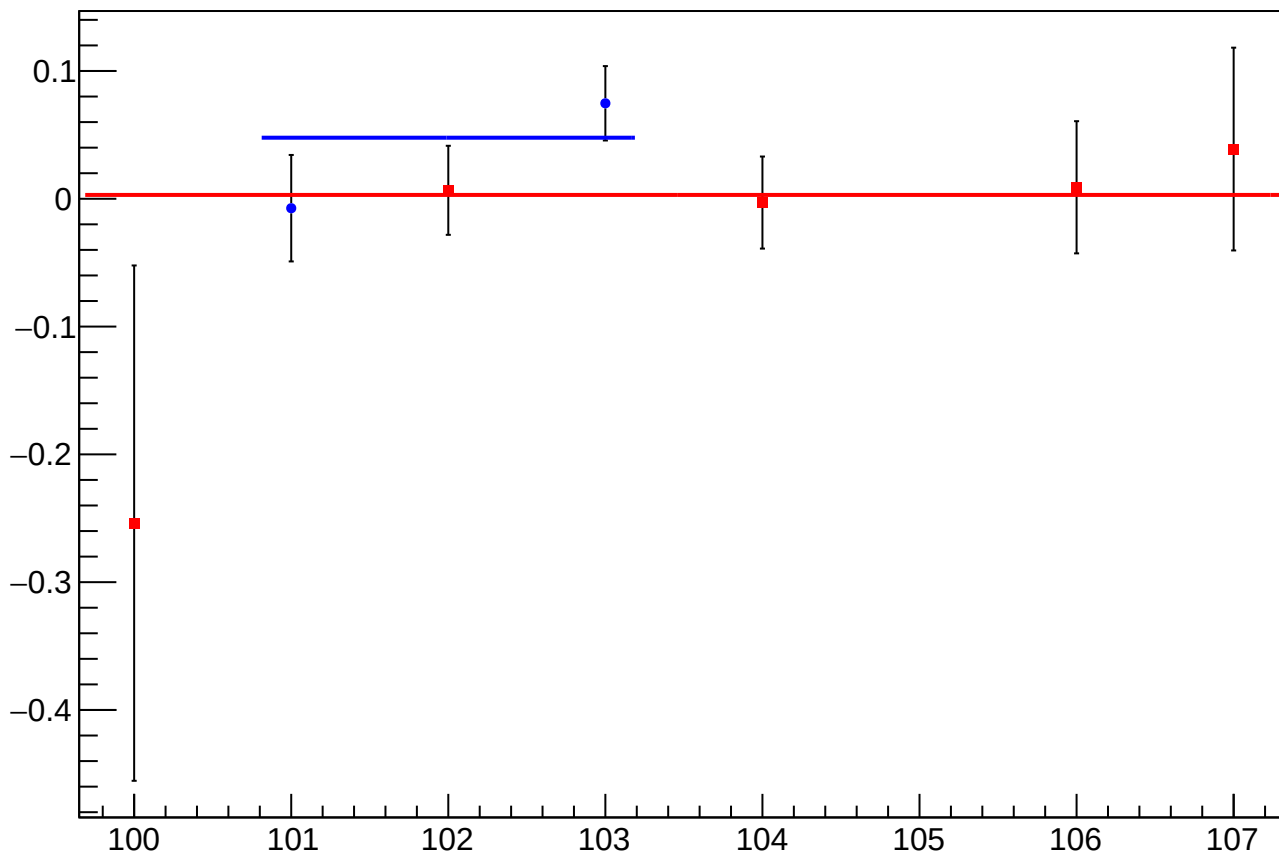
Right: 26.276+/-0.011 χ^2/NDF : 178467.6/6

In: 25.620+/-0.017 χ^2/NDF : 78146.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.276+/-0.011 χ^2/NDF : 178467.6/6

asym_sam5_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.048+/-0.024 χ^2/NDF : 2.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-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

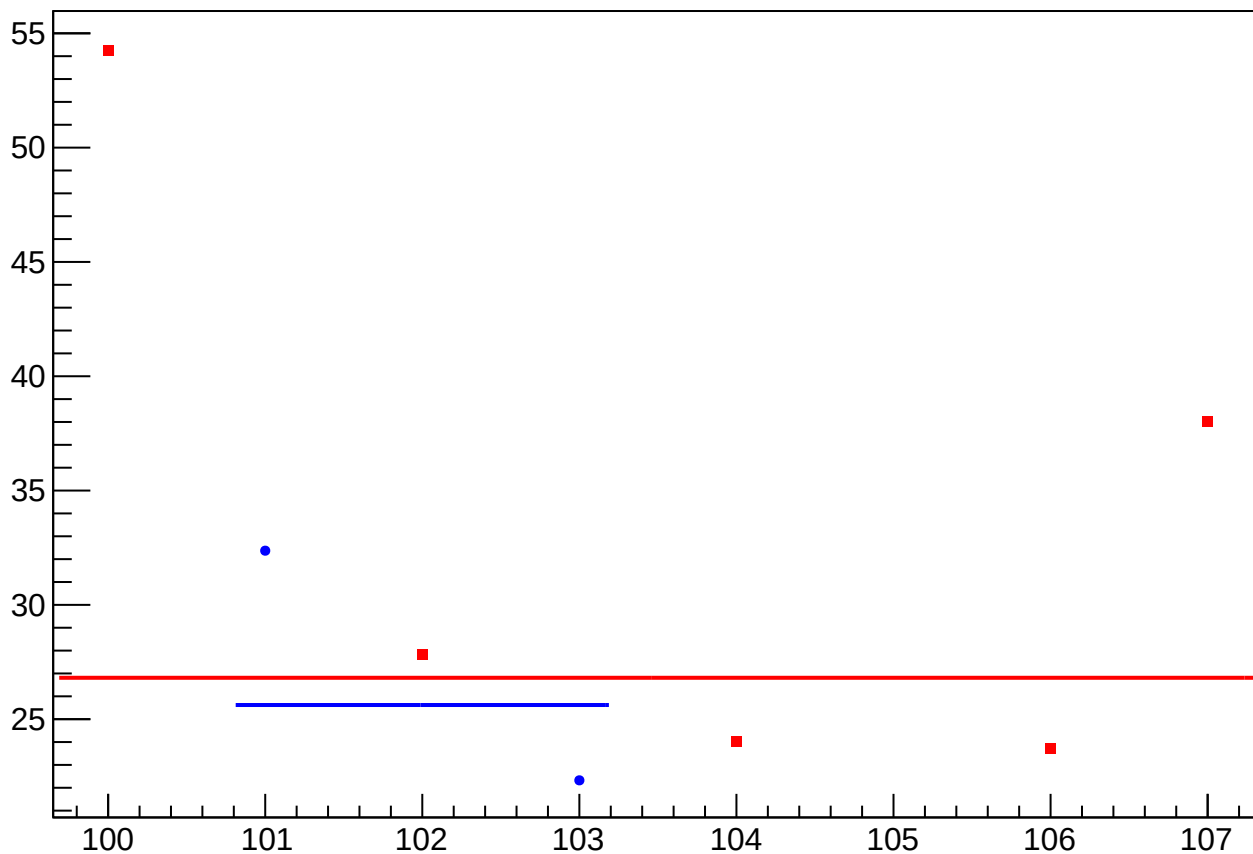
Right: 0.023+/-0.016 χ^2/NDF : 6.4/6

In: 0.048+/-0.024 χ^2/NDF : 2.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.016 χ^2/NDF : 6.4/6

asym_sam5_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.620 $\pm$ 0.017 χ^2 /NDF: 78146.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 26.811 $\pm$ 0.015 χ^2 /NDF: 97576.6/4

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

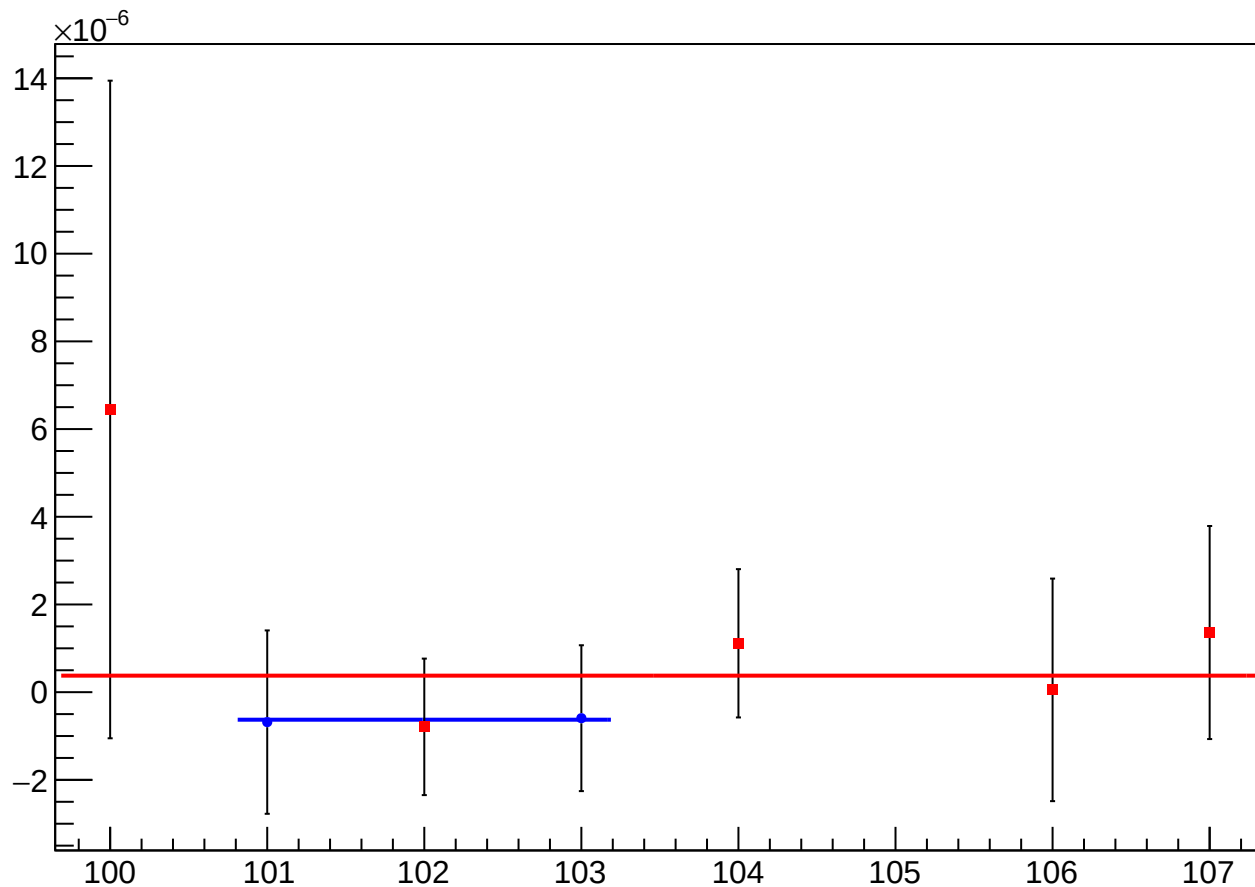
Right: 26.276 $\pm$ 0.011 χ^2 /NDF: 178467.6/6

In: 25.620 $\pm$ 0.017 χ^2 /NDF:78146.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 26.276 $\pm$ 0.011 χ^2 /NDF: 178467.6/6

asym_sam5_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/1

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

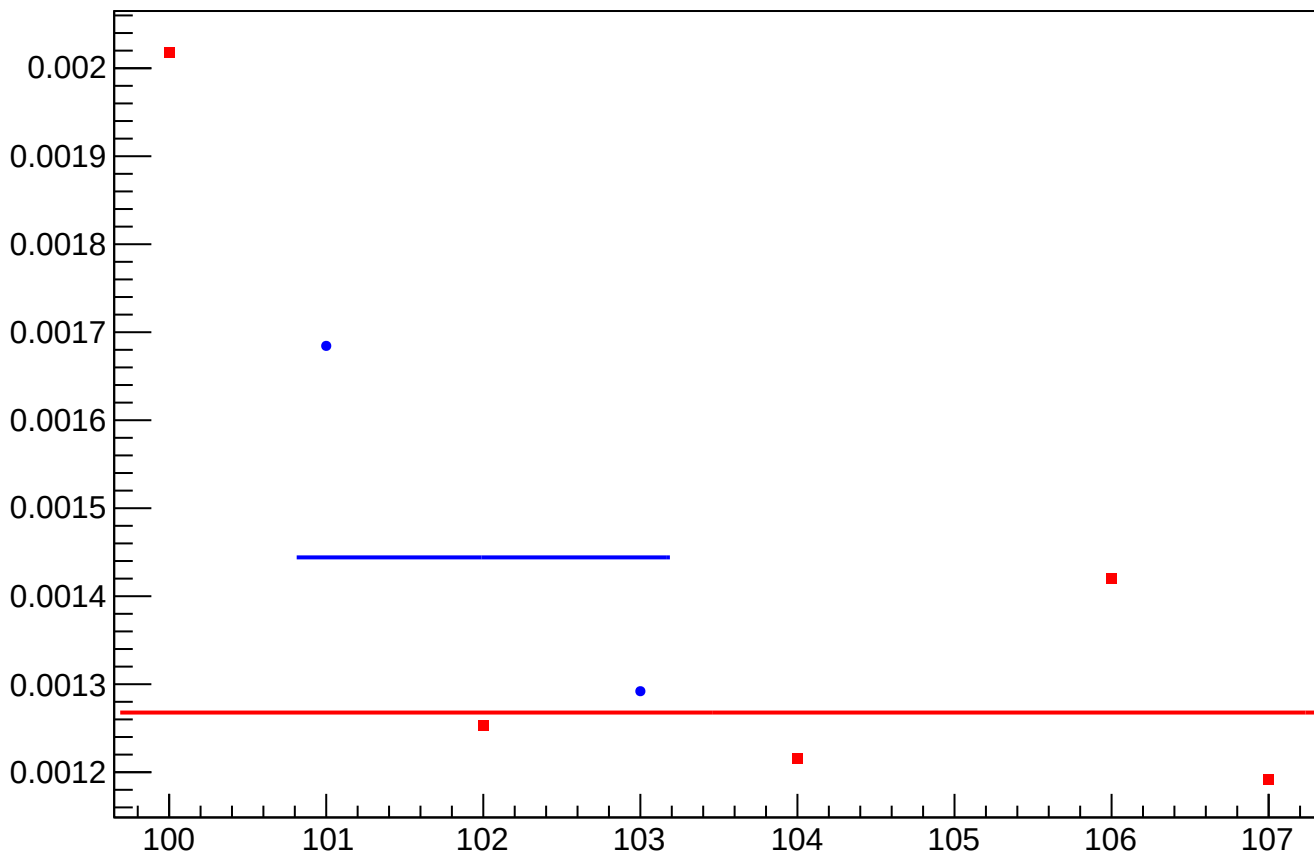
Right: 0.000+/-0.000 χ^2/NDF : 2.0/6

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2.0/6

asym_sam5_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 43143.9/1

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

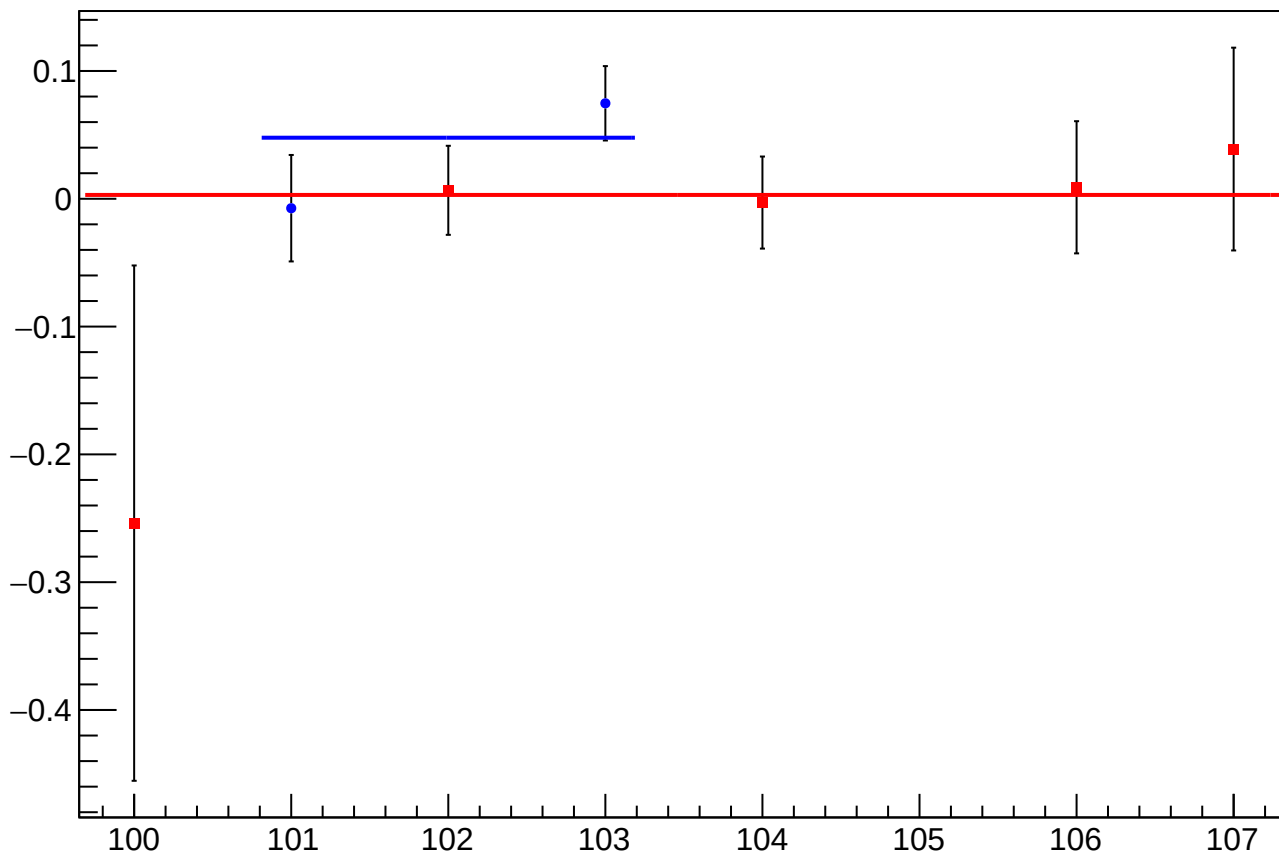
Right: 0.001+/-0.000 χ^2/NDF : 98324.4/6

In: 0.001+/-0.000 χ^2/NDF :43143.9/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 98324.4/6

asym_sam5_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.048 $\pm$ 0.024 χ^2 /NDF: 2.6/1

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

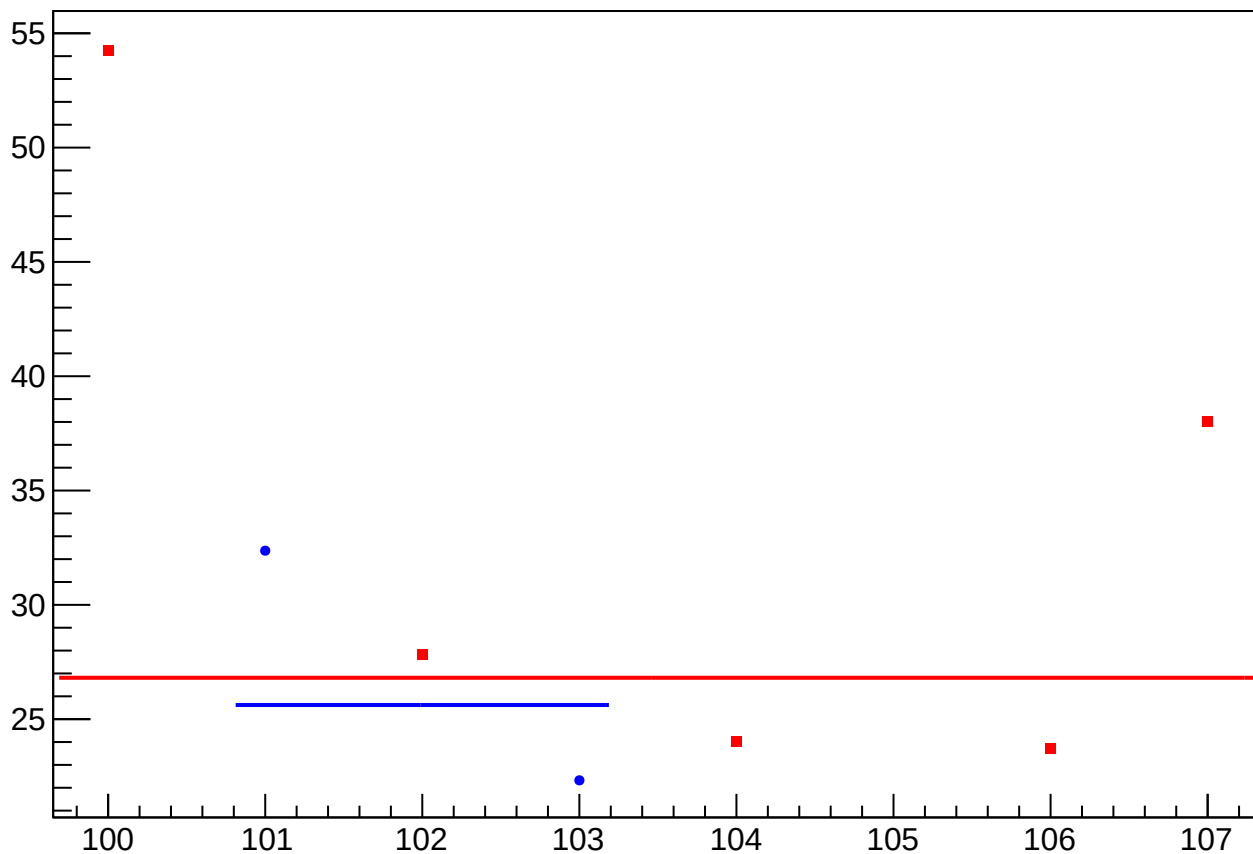
Right: 0.023 $\pm$ 0.016 χ^2 /NDF: 6.4/6

In: 0.048 $\pm$ 0.024 χ^2 /NDF: 2.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.023 $\pm$ 0.016 χ^2 /NDF: 6.4/6

asym_sam5_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.620+/-0.017 χ^2/NDF : 78137.5/1

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

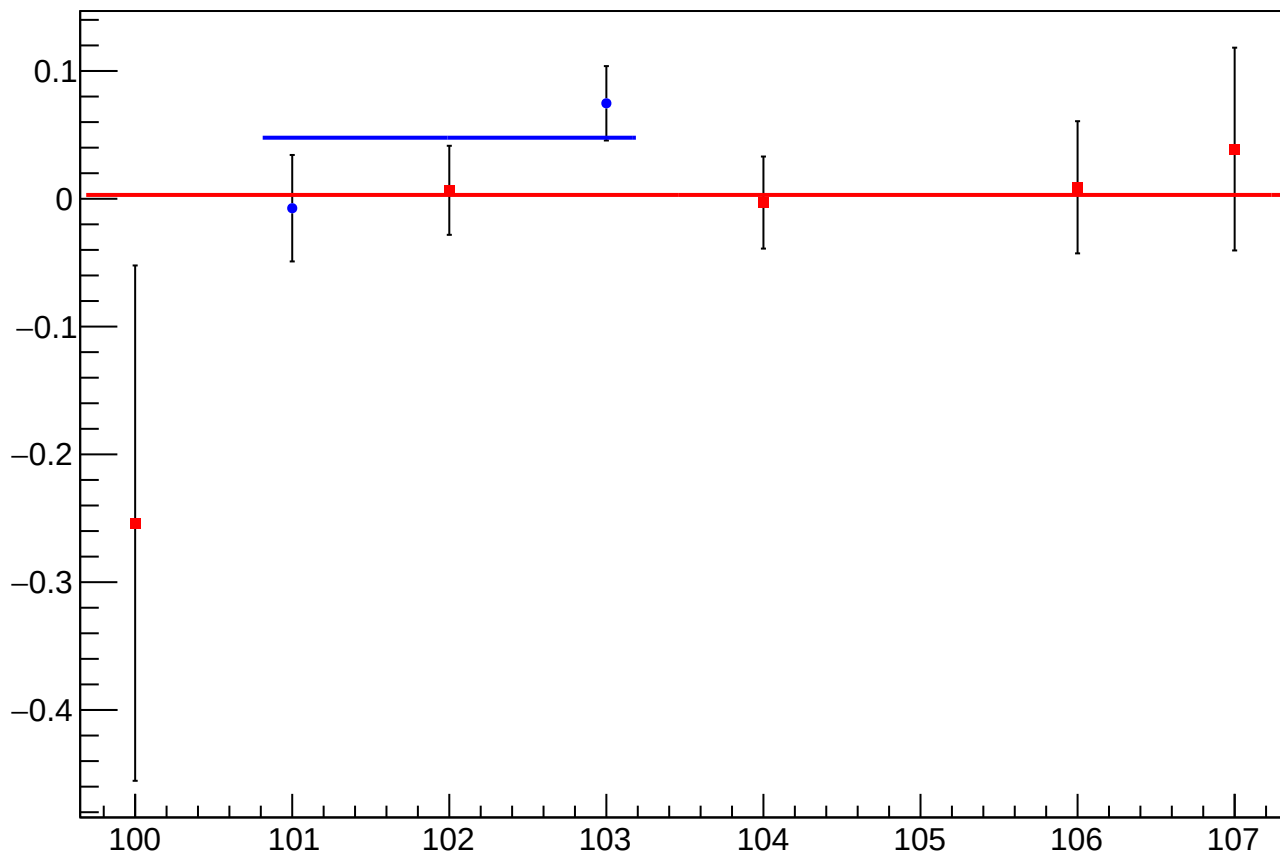
Right: 26.275+/-0.011 χ^2/NDF : 178463.5/6

In: 25.620+/-0.017 χ^2/NDF : 78137.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.275+/-0.011 χ^2/NDF : 178463.5/6

asym_sam5_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.048 $\pm$ 0.024 χ^2 /NDF: 2.6/1

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

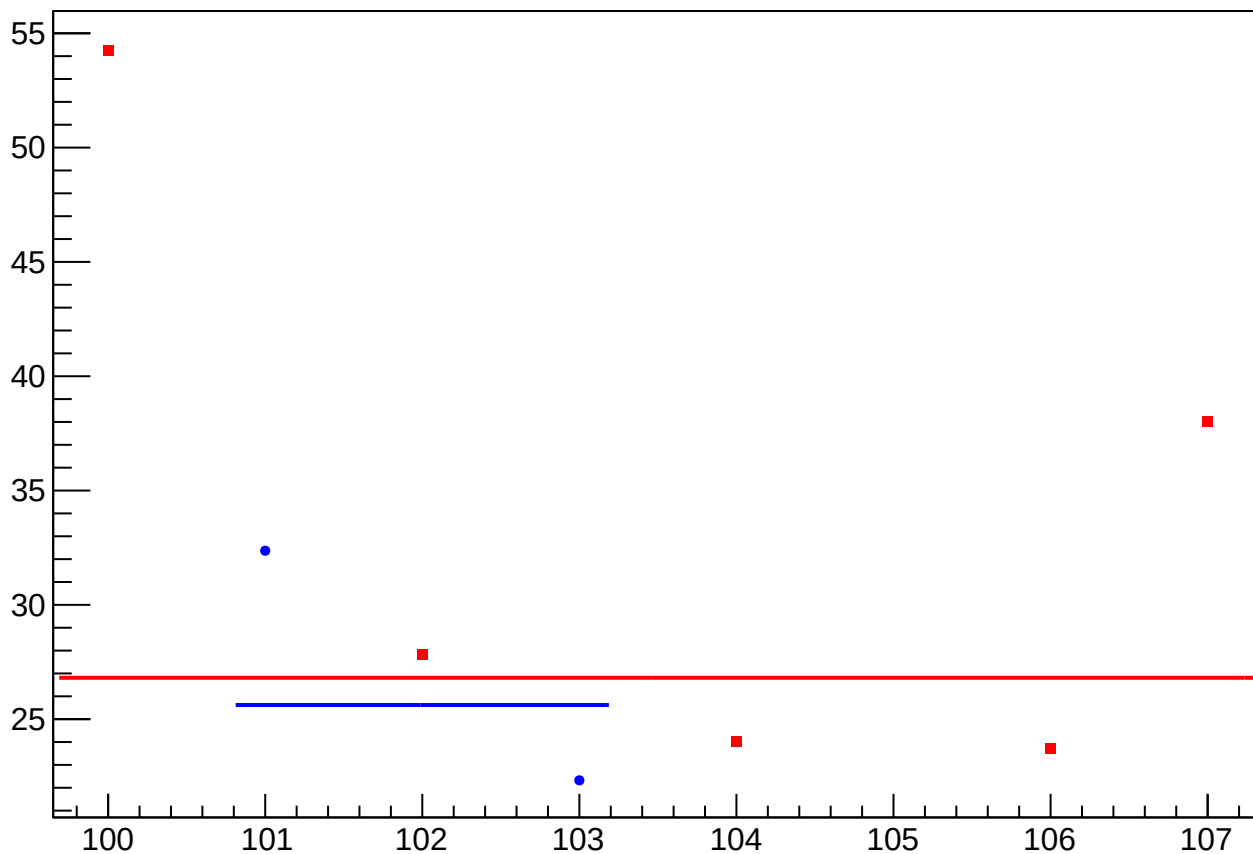
Right: 0.023 $\pm$ 0.016 χ^2 /NDF: 6.4/6

In: 0.048 $\pm$ 0.024 χ^2 /NDF: 2.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.023 $\pm$ 0.016 χ^2 /NDF: 6.4/6

asym_sam5_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.620 $\pm$ 0.017 χ^2 /NDF: 78137.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 26.811 $\pm$ 0.015 χ^2 /NDF: 97581.0/4

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

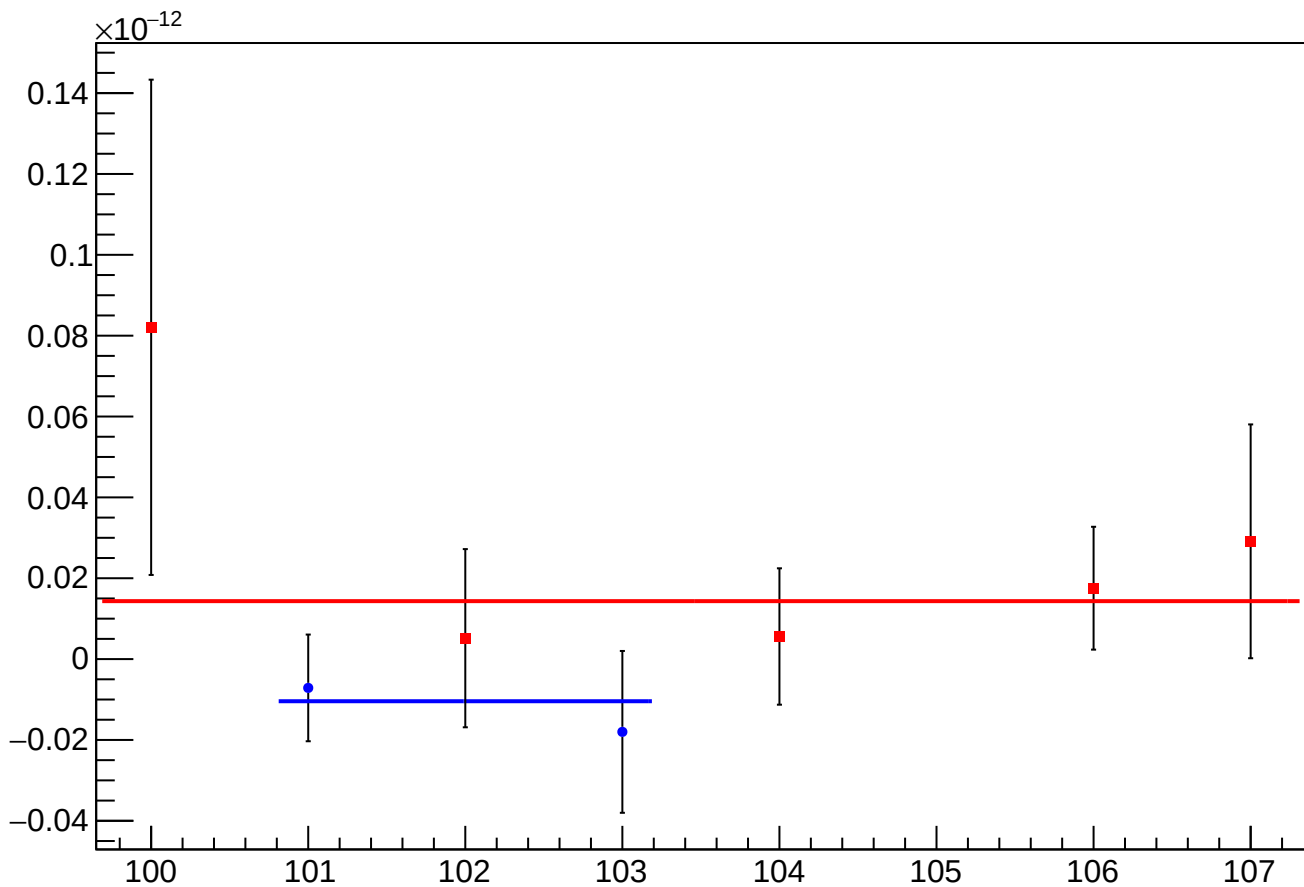
Right: 26.275 $\pm$ 0.011 χ^2 /NDF: 178463.5/6

In: 25.620 $\pm$ 0.017 χ^2 /NDF: 78137.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 26.275 $\pm$ 0.011 χ^2 /NDF: 178463.5/6

asym_sam5_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.2/1

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

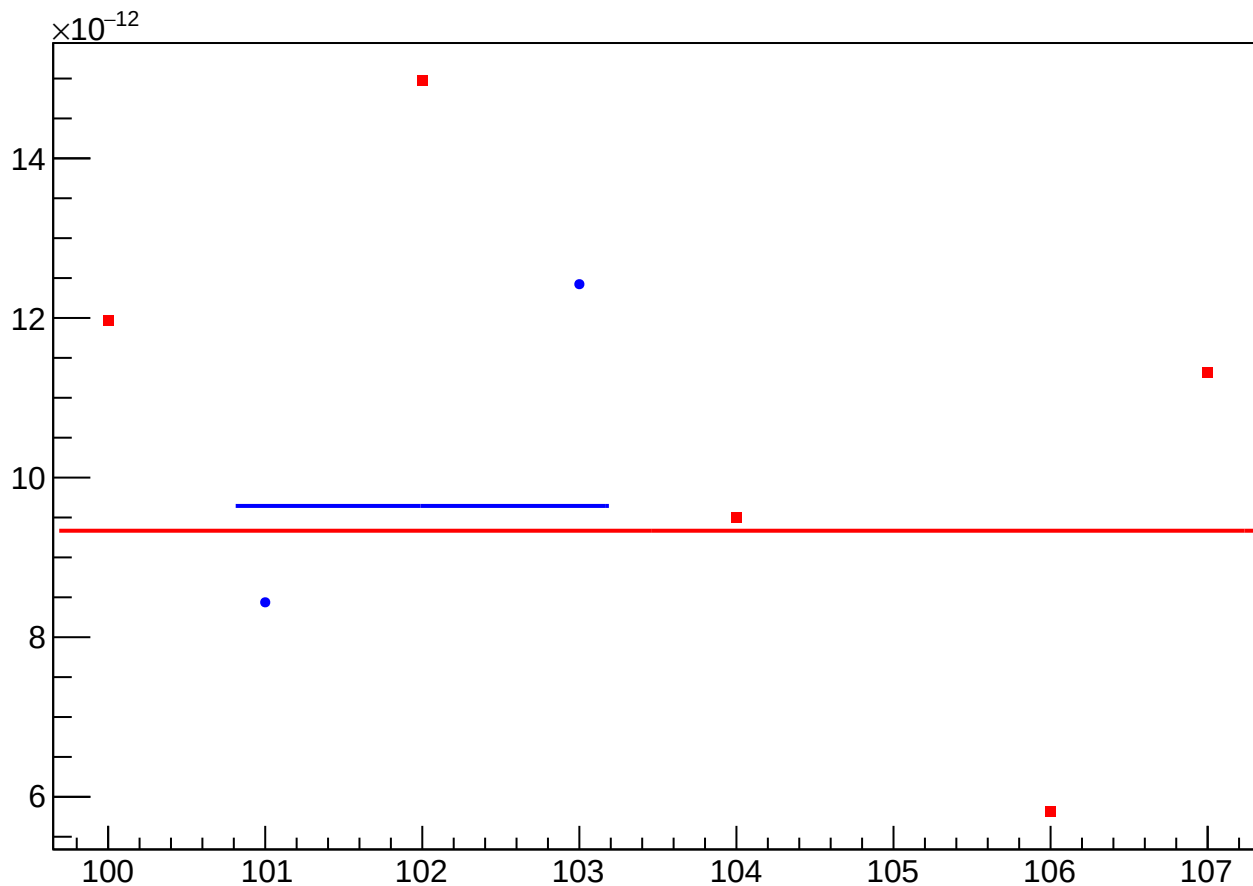
Right: 0.000+/-0.000 χ^2/NDF : 5.1/6

In: -0.000+/-0.000 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5.1/6

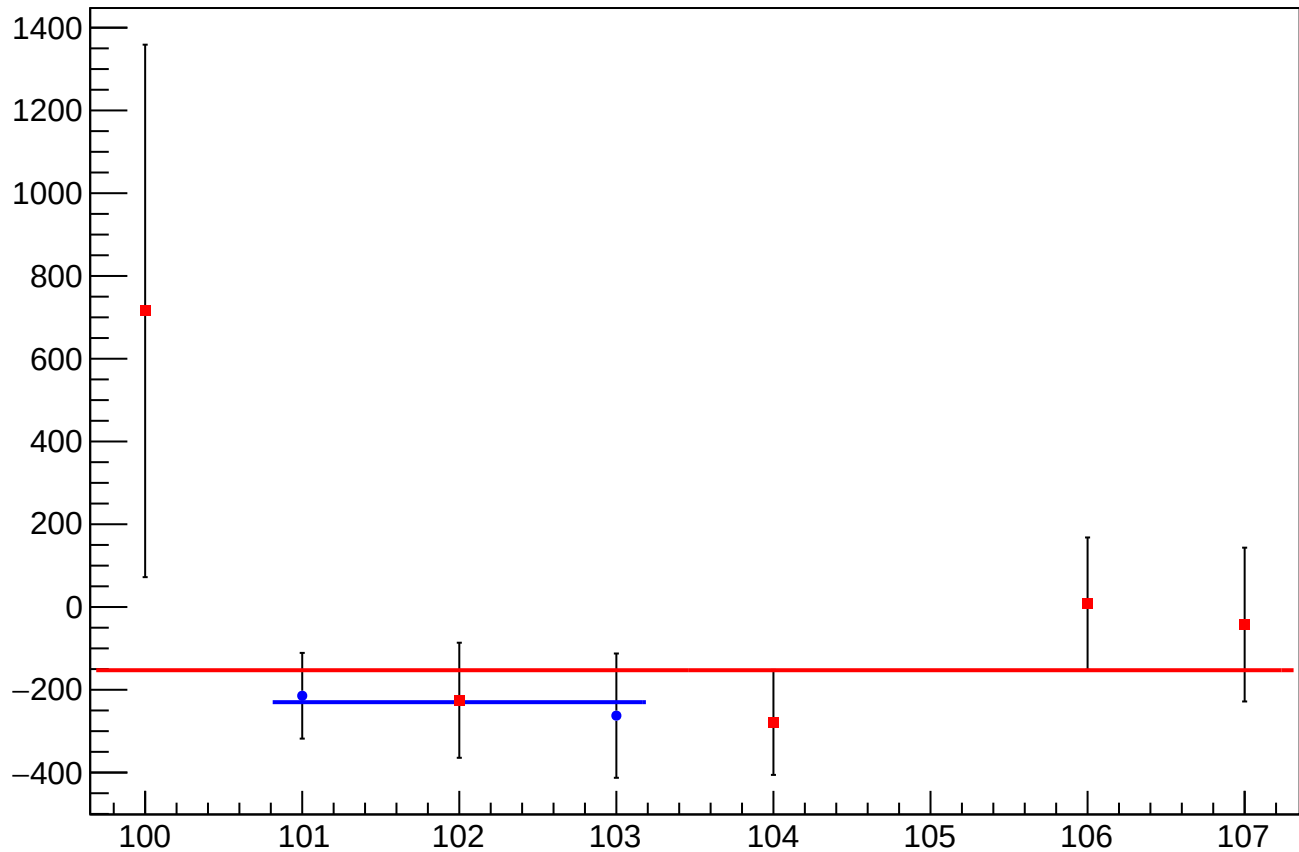
asym_sam5_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 55291.5/1
 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 : 307849.5/6
 In: 0.000+/-0.000 χ^2/NDF : 55291.5/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 307849.5/6

reg_asym_sam6_mean vs Slug, Sign Corrected



Right In: -229.957 $\pm$ 85.267 χ^2/NDF : 0.1/1

Left Out: 0.000 $\pm$ -0.000 χ^2/NDF : 0.0/0

Right Out: -152.746 $\pm$ 73.652 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

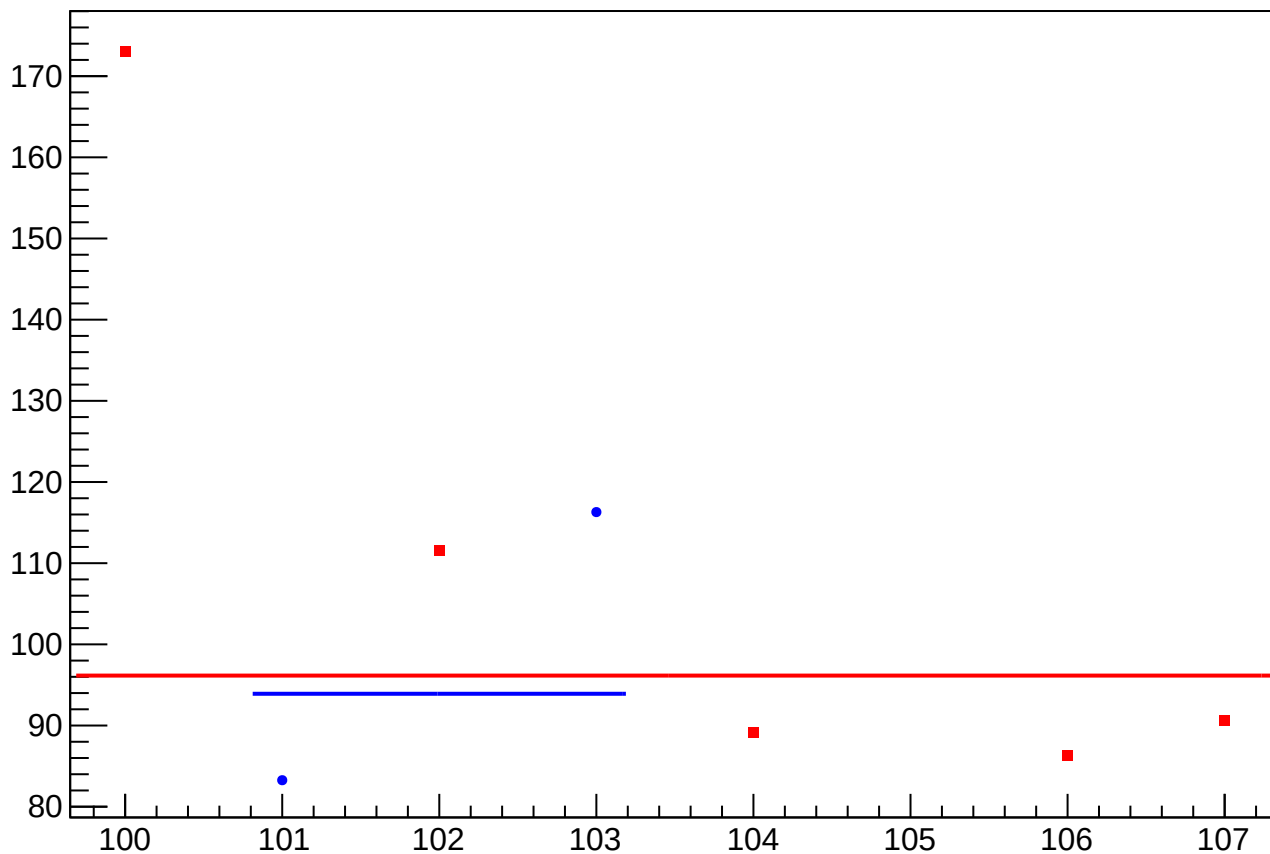
Right: -185.738 $\pm$ 55.738 χ^2/NDF : 5.0/6

In: -229.957 $\pm$ 85.267 χ^2/NDF : 0.1/1

Out: 0.000 $\pm$ -0.000 χ^2/NDF : 0.0/0

All: -185.738 $\pm$ 55.738 χ^2/NDF : 5.0/6

reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 93.912+/-0.060 χ^2/NDF : 65560.6/1

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

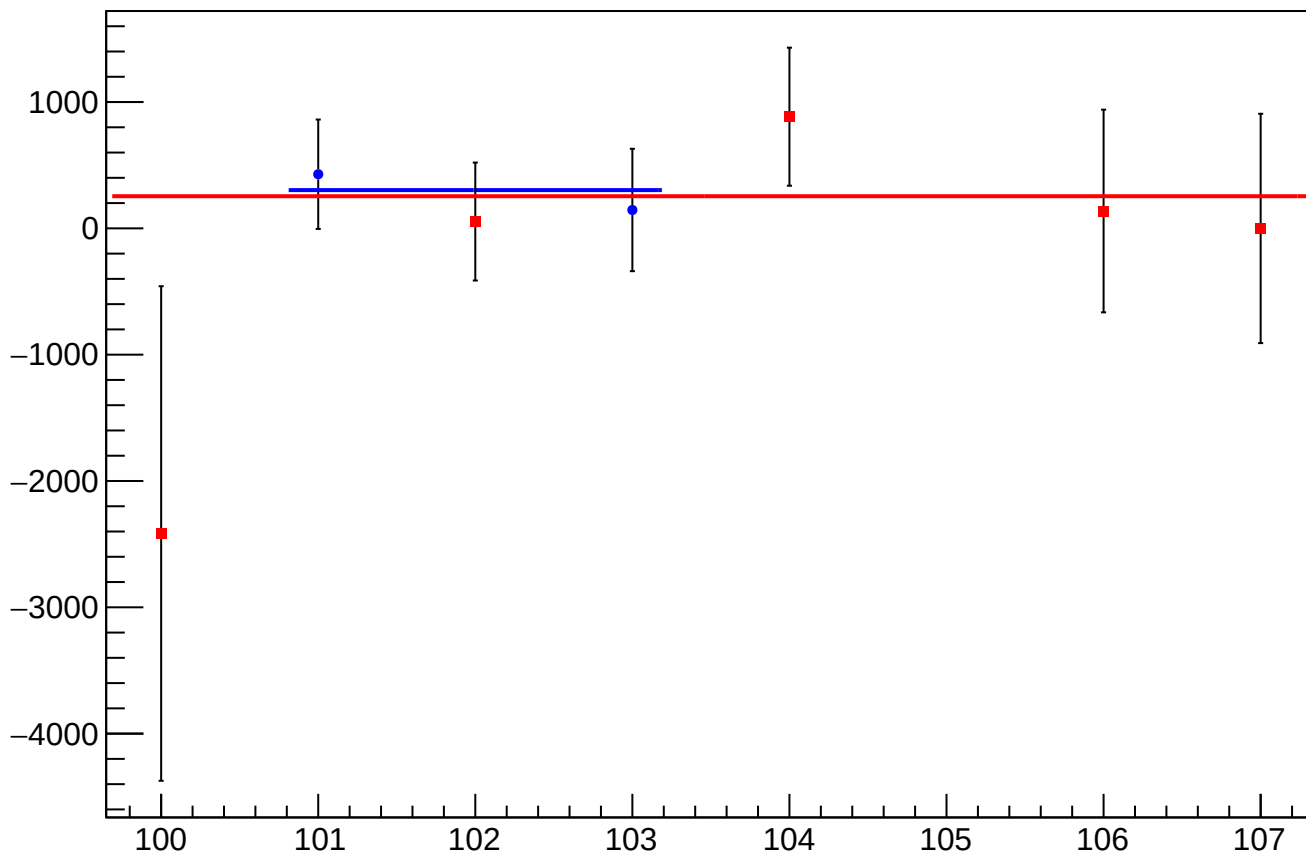
Right: 95.196+/-0.039 χ^2/NDF : 134745.2/6

In: 93.912+/-0.060 χ^2/NDF : 65560.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.196+/-0.039 χ^2/NDF : 134745.2/6

asym_sam6_reg_correction_mean vs Slug, Sign Corrected



Right In: 302.676+/-322.864 χ^2 /NDF: 0.2/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 254.366+/-302.002 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

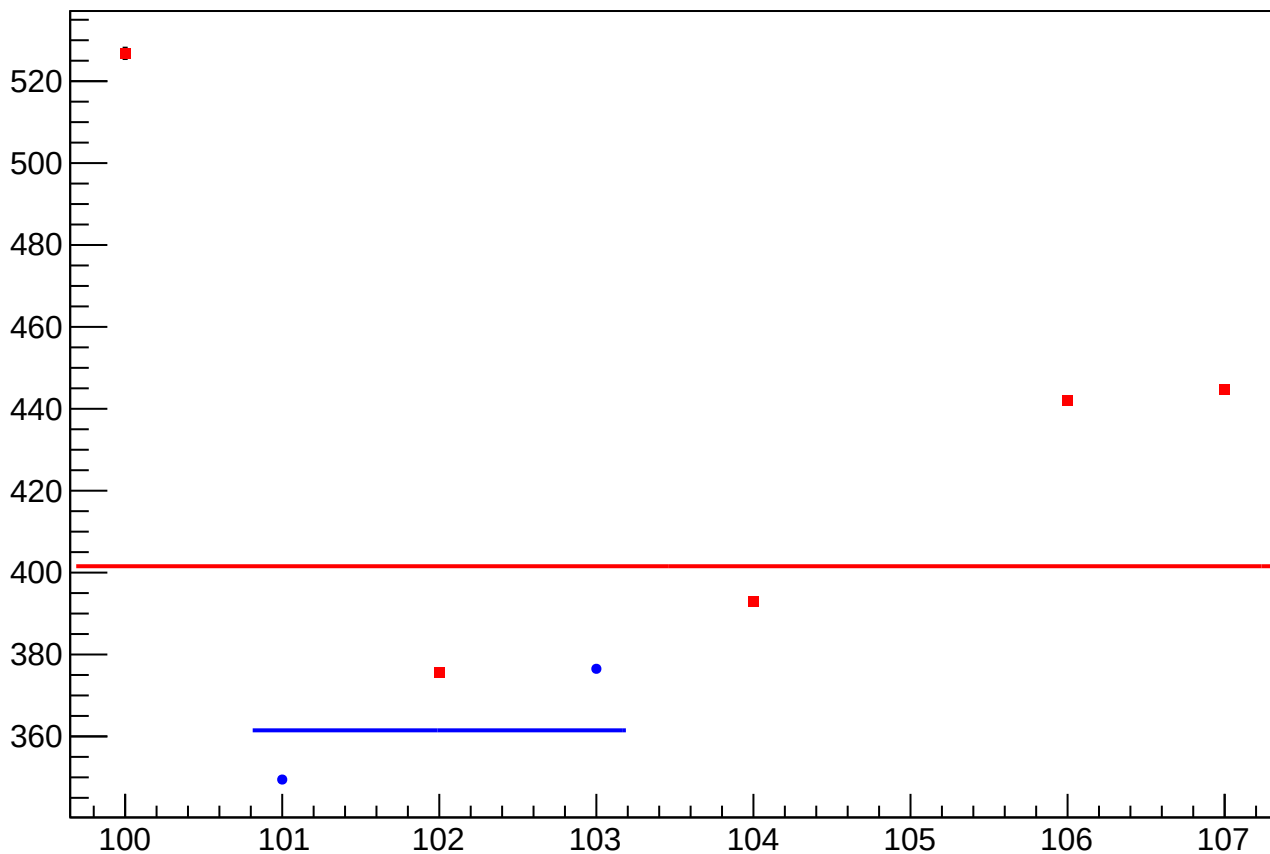
Right: 276.910+/-220.555 χ^2 /NDF: 3.7/6

In: 302.676+/-322.864 χ^2 /NDF:0.2/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 276.910+/-220.555 χ^2 /NDF: 3.7/6

asym_sam6_reg_correction_rms vs Slug, Sign Corrected



Right In: 361.483+/-0.228 χ^2/NDF : 3464.6/1

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

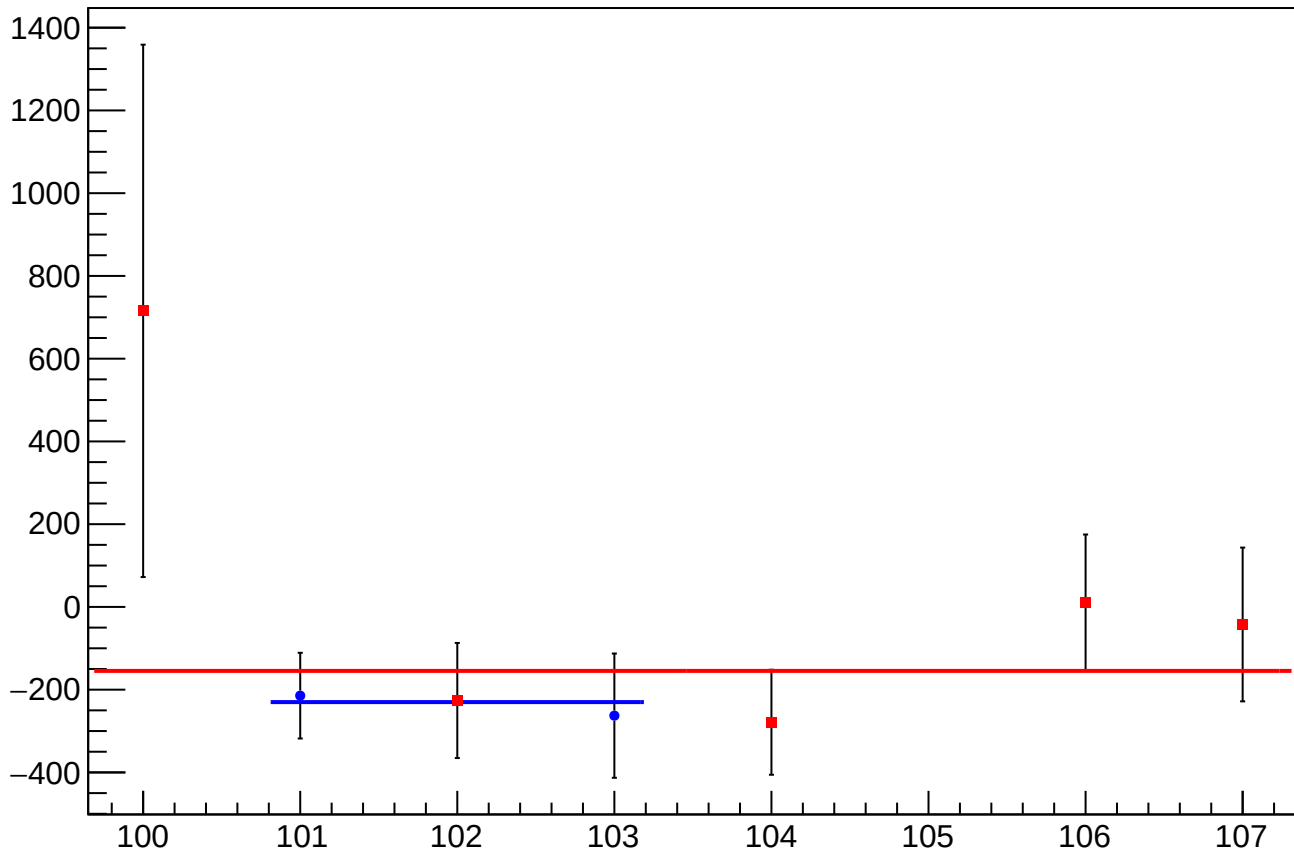
Right: 382.855+/-0.156 χ^2/NDF : 44330.5/6

In: 361.483+/-0.228 χ^2/NDF : 3464.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 382.855+/-0.156 χ^2/NDF : 44330.5/6

cor_asym_sam6_mean vs Slug, Sign Corrected



Right In: -230.047 $\pm$ 85.268 χ^2 /NDF: 0.1/1

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

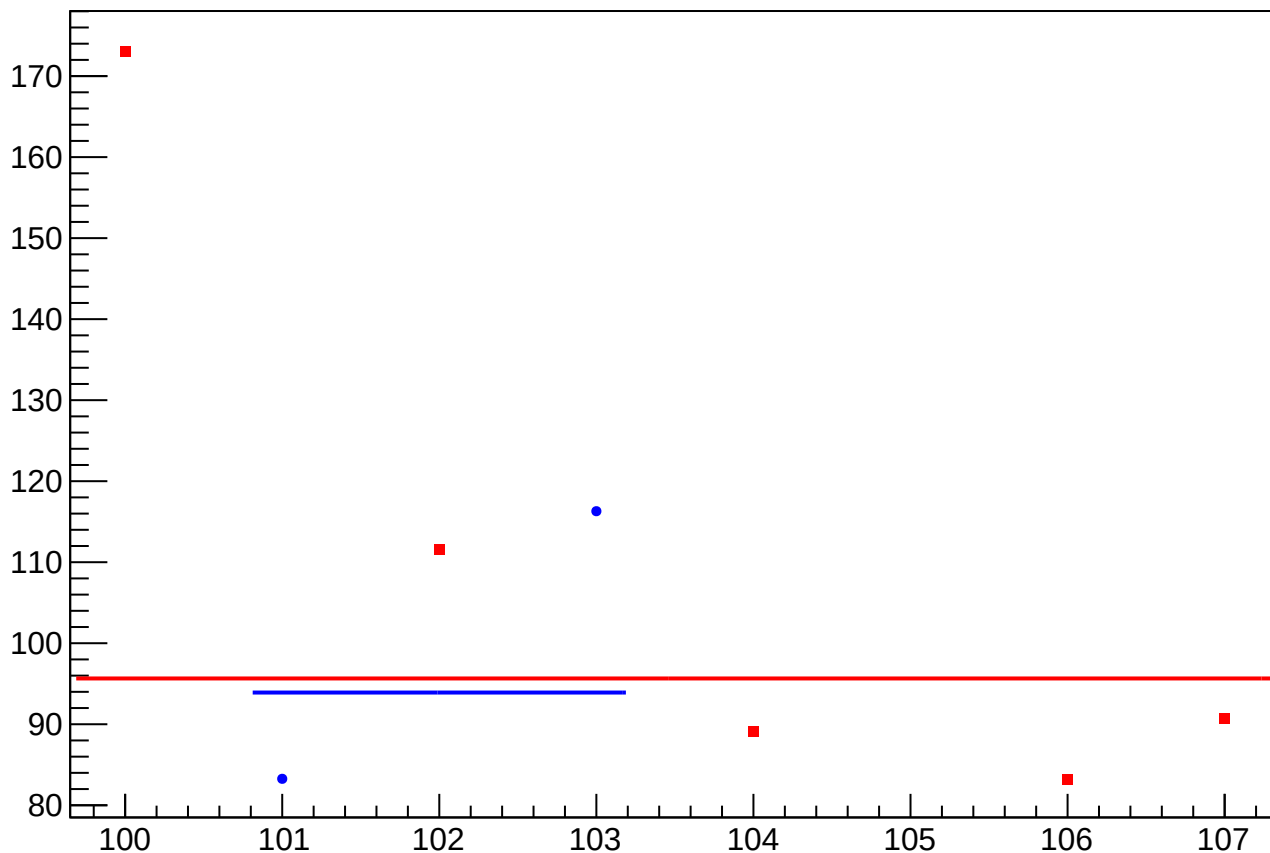
Right: -187.083 $\pm$ 55.945 χ^2 /NDF: 4.9/6

In: -230.047 $\pm$ 85.268 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -187.083 $\pm$ 55.945 χ^2 /NDF: 4.9/6

cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 93.913+/-0.060 χ^2/NDF : 65563.0/1

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

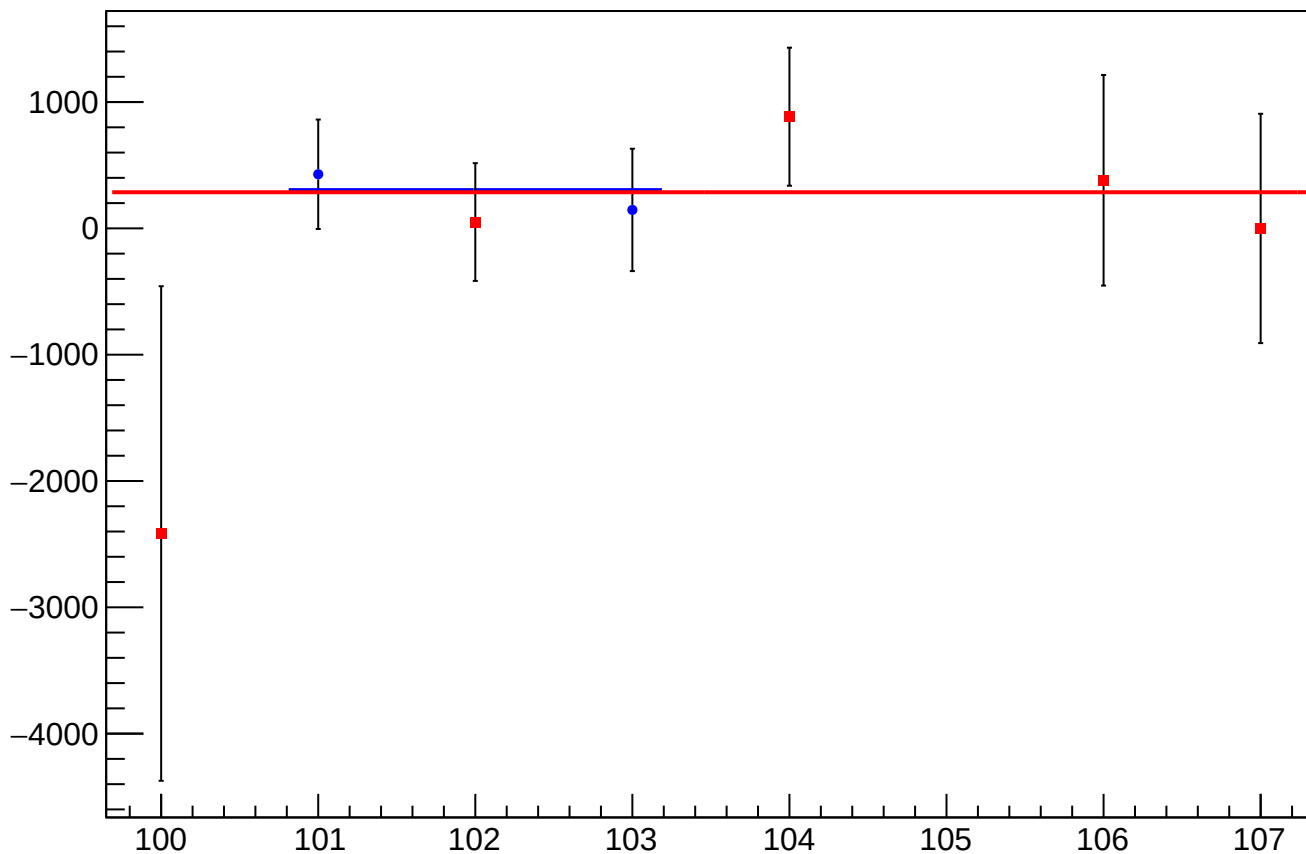
Right: 94.902+/-0.040 χ^2/NDF : 139312.0/6

In: 93.913+/-0.060 χ^2/NDF : 65563.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.902+/-0.040 χ^2/NDF : 139312.0/6

asym_sam6_cor_correction_mean vs Slug, Sign Corrected



Right In: 302.949+/-322.845 χ^2 /NDF: 0.2/1

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

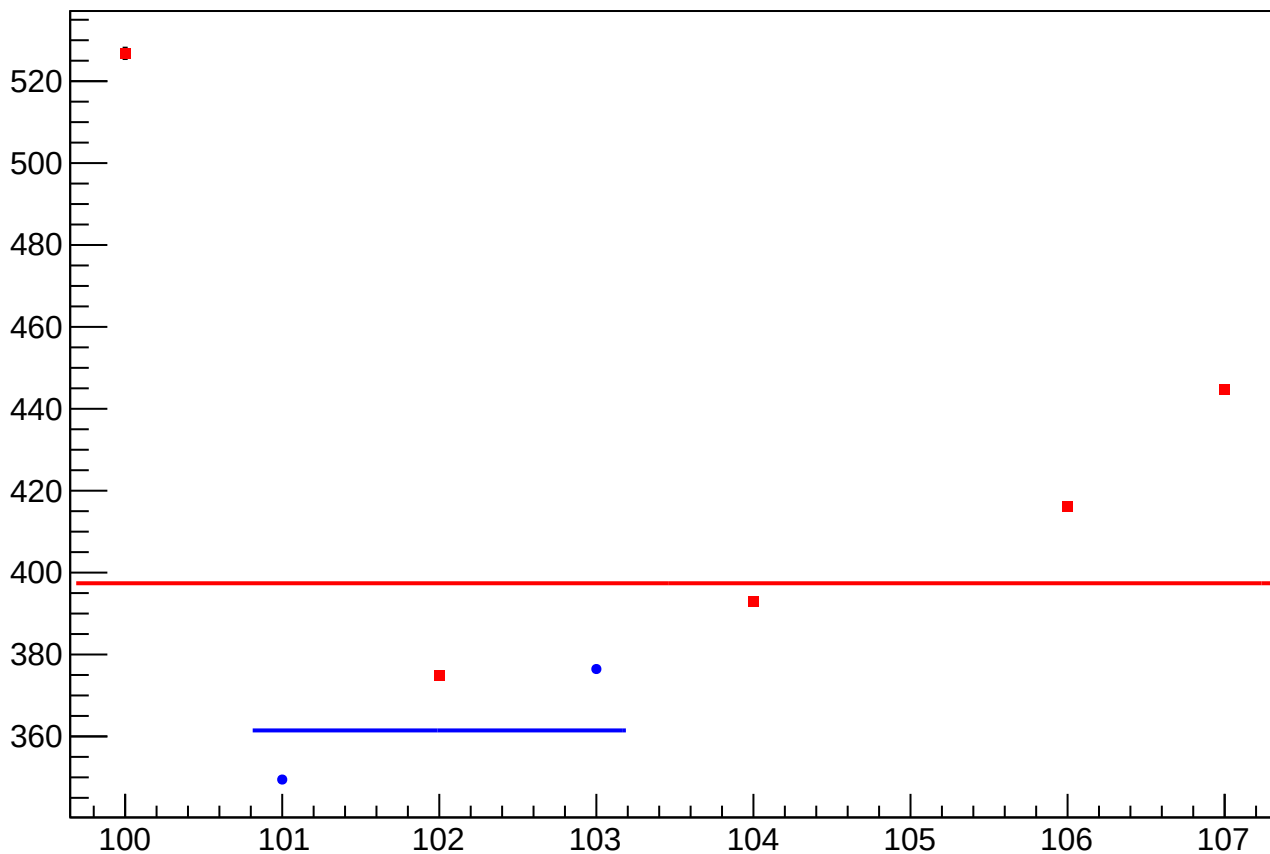
Right: 294.012+/-221.085 χ^2 /NDF: 3.7/6

In: 302.949+/-322.845 χ^2 /NDF:0.2/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 294.012+/-221.085 χ^2 /NDF: 3.7/6

asym_sam6_cor_correction_rms vs Slug, Sign Corrected



Right In: 361.461+/-0.228 χ^2/NDF : 3451.2/1

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

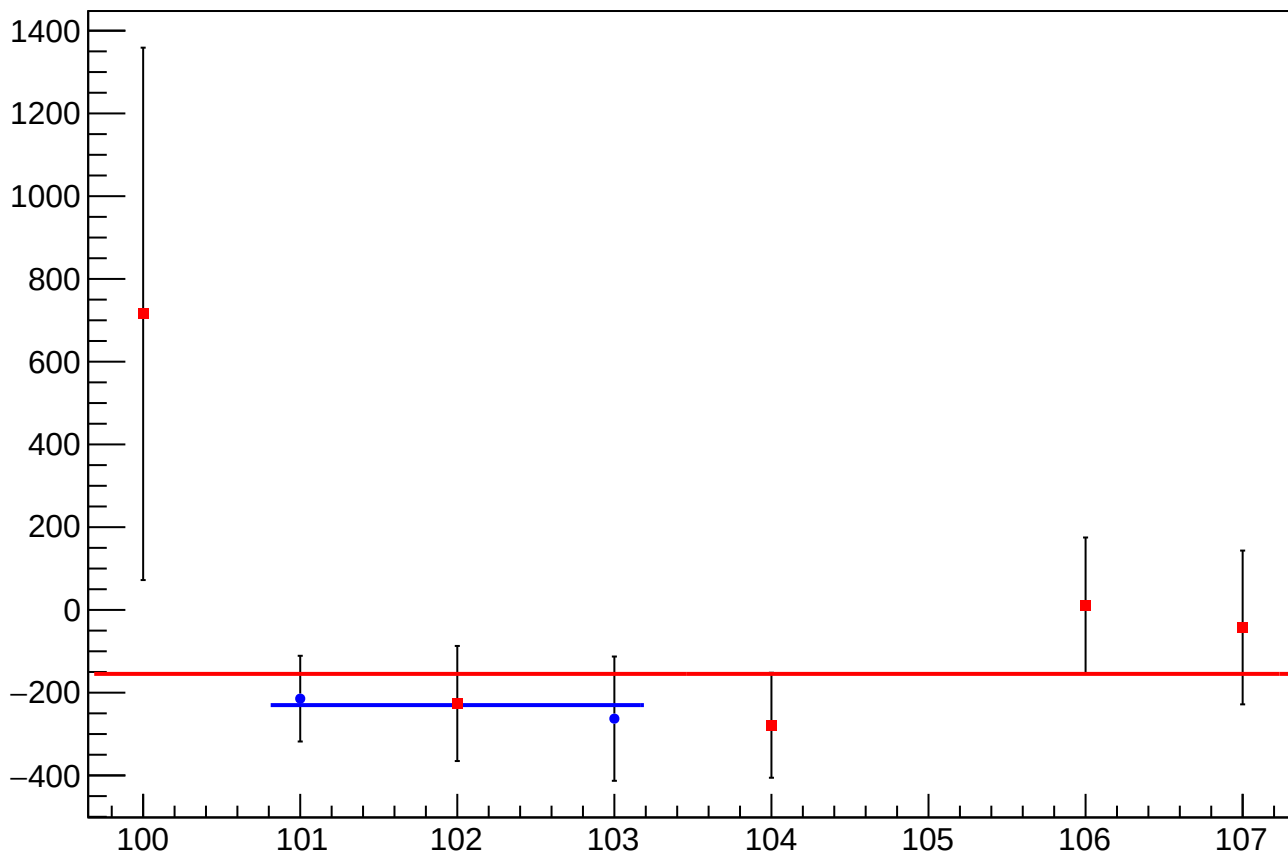
Right: 380.546+/-0.156 χ^2/NDF : 36543.2/6

In: 361.461+/-0.228 χ^2/NDF : 3451.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 380.546+/-0.156 χ^2/NDF : 36543.2/6

eigen_cor_asym_sam6_mean vs Slug, Sign Corrected



Right In: -230.047+/-85.268 χ^2/NDF : 0.1/1

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

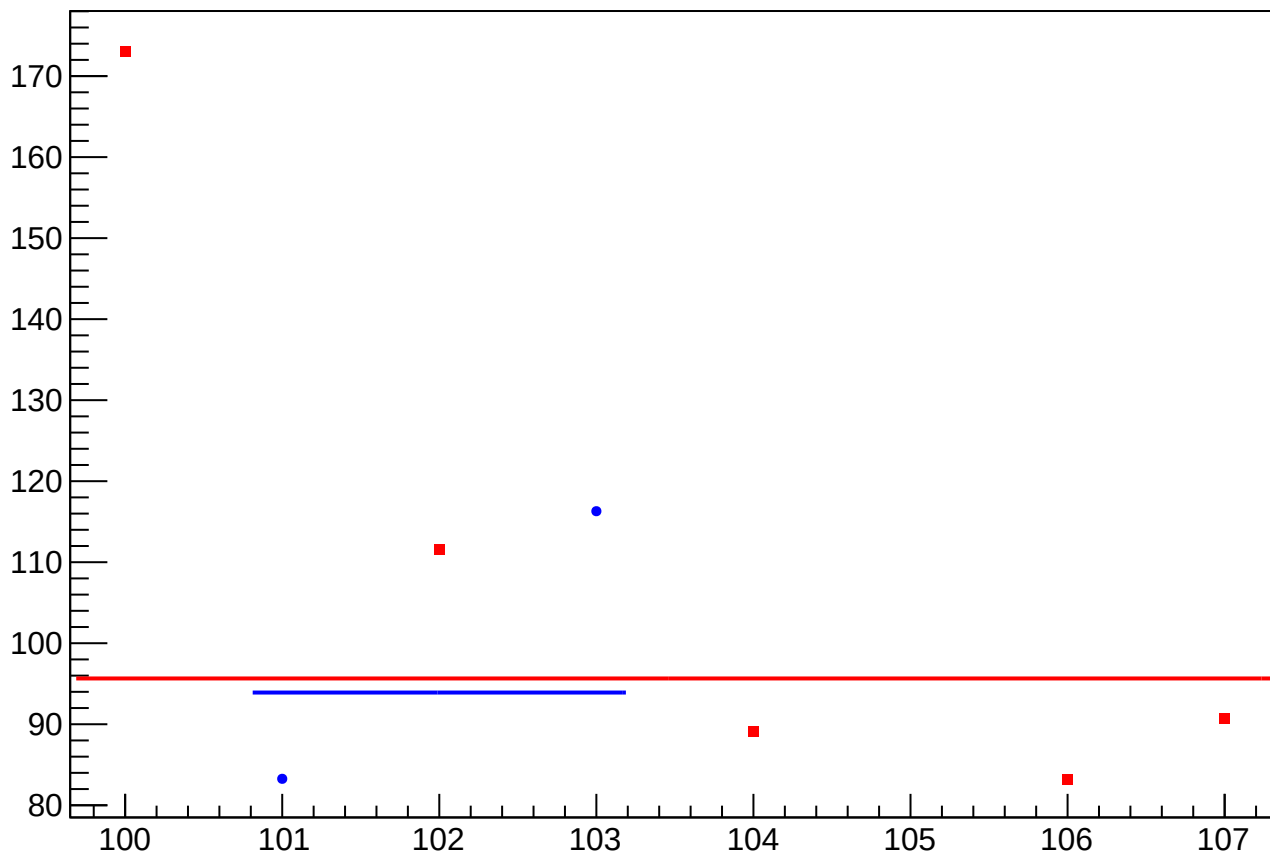
Right: -187.083+/-55.945 χ^2/NDF : 4.9/6

In: -230.047+/-85.268 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -187.083+/-55.945 χ^2/NDF : 4.9/6

eigen_cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 93.913+/-0.060 χ^2/NDF : 65563.0/1

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

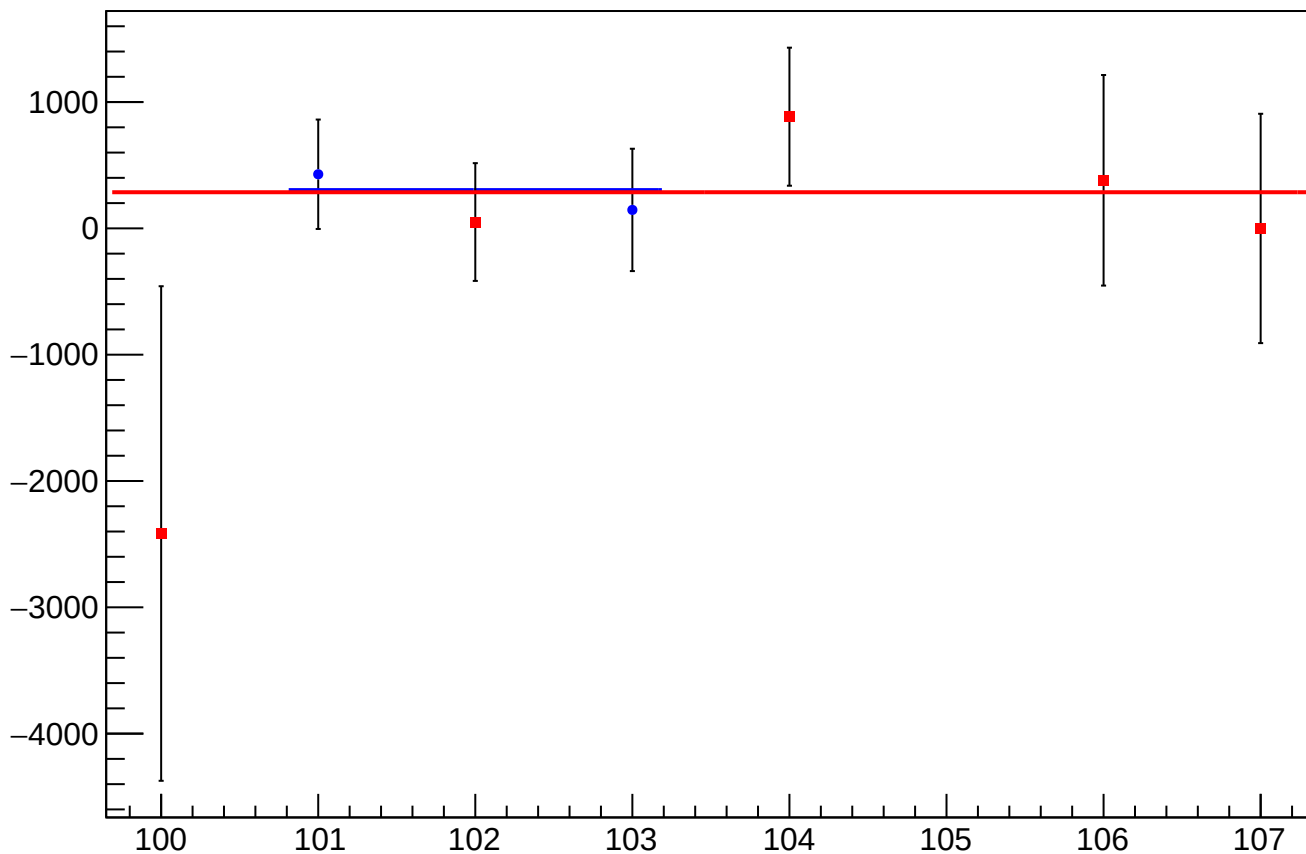
Right: 94.902+/-0.040 χ^2/NDF : 139312.0/6

In: 93.913+/-0.060 χ^2/NDF : 65563.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.902+/-0.040 χ^2/NDF : 139312.0/6

asym_sam6_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 302.949+/-322.845 χ^2 /NDF: 0.2/1

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

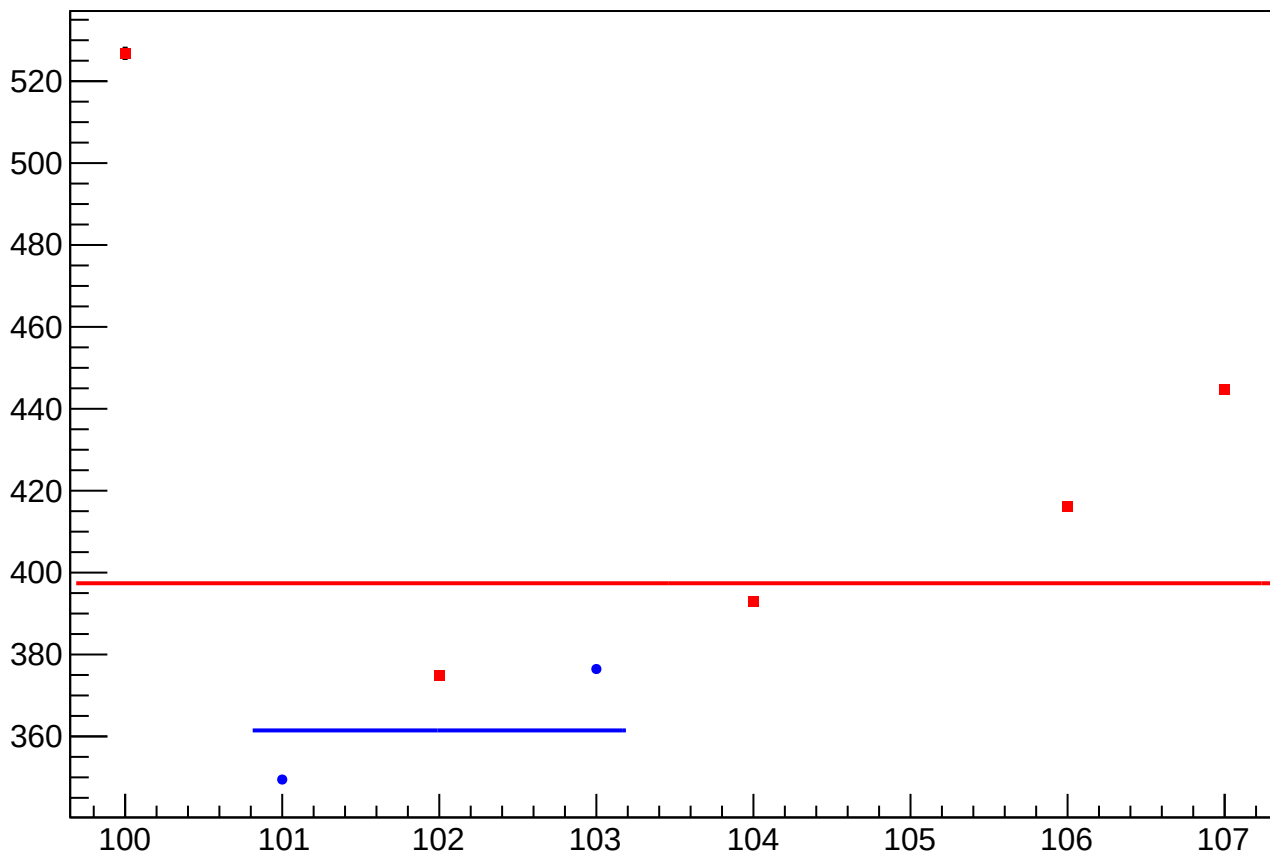
Right: 294.012+/-221.085 χ^2 /NDF: 3.7/6

In: 302.949+/-322.845 χ^2 /NDF:0.2/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 294.012+/-221.085 χ^2 /NDF: 3.7/6

asym_sam6_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 361.461+/-0.228 χ^2/NDF : 3451.2/1

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

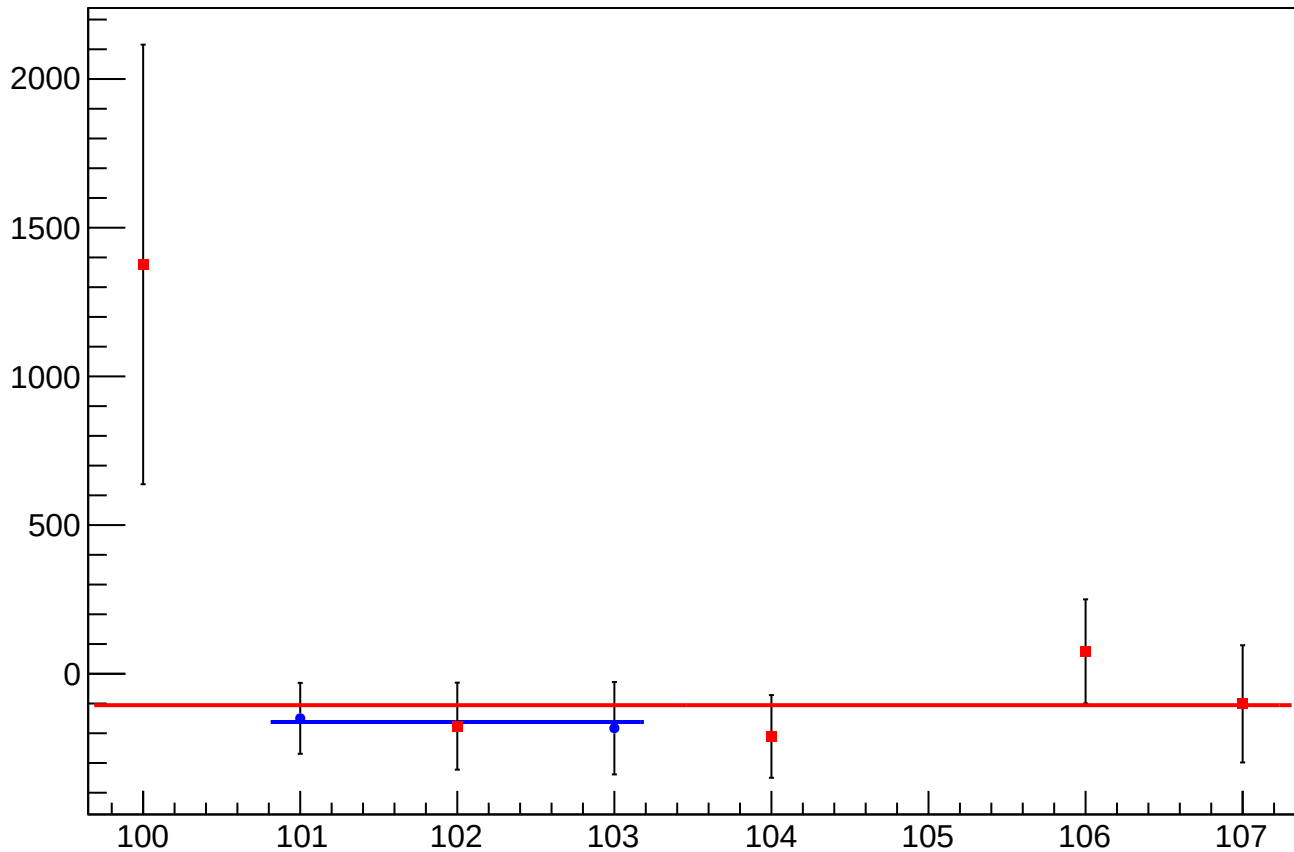
Right: 380.546+/-0.156 χ^2/NDF : 36543.2/6

In: 361.461+/-0.228 χ^2/NDF : 3451.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 380.546+/-0.156 χ^2/NDF : 36543.2/6

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -162.182 $\pm$ 94.617 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -105.632 $\pm$ 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

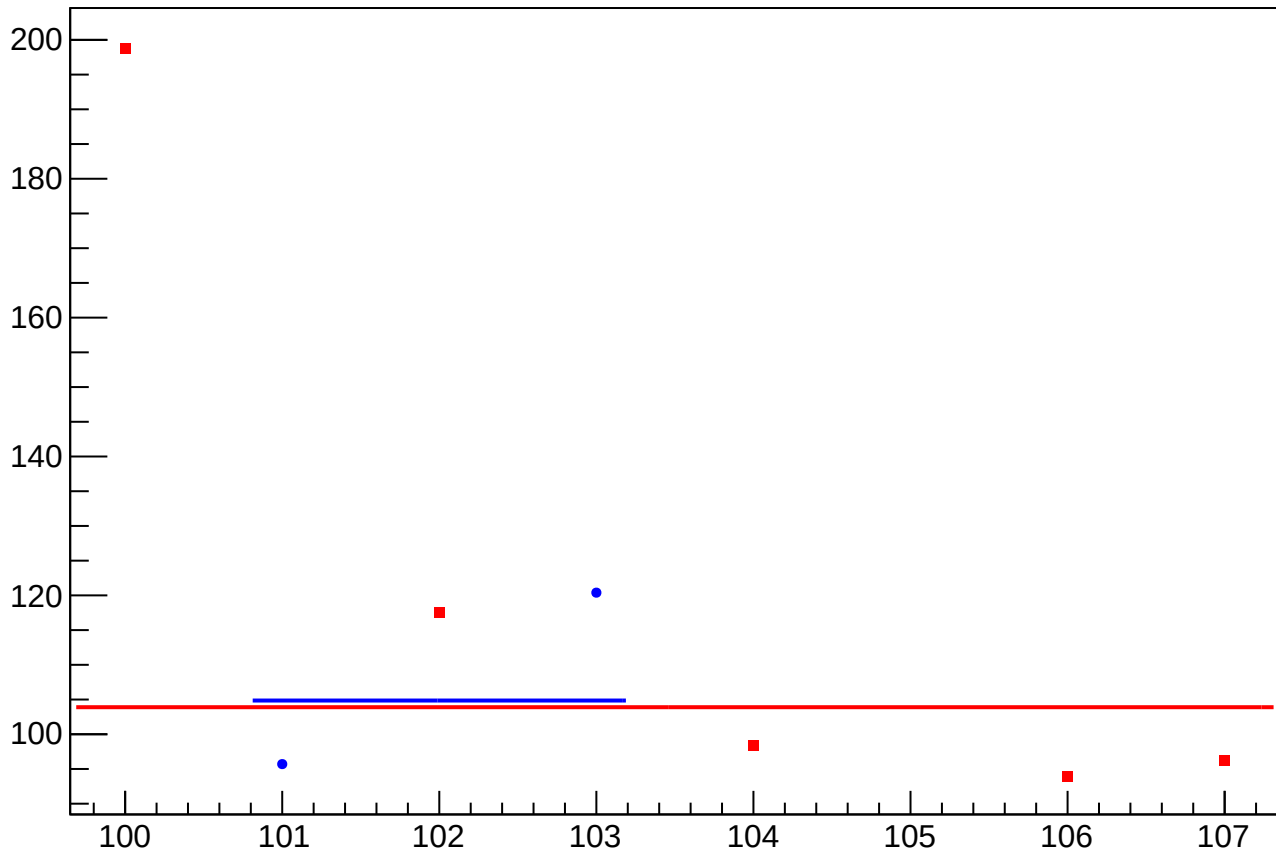
Right: -128.991 $\pm$ 60.811 χ^2 /NDF: 6.1/6

In: -162.182 $\pm$ 94.617 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -128.991 $\pm$ 60.811 χ^2 /NDF: 6.1/6

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 104.857+/-0.067 χ^2/NDF : 31772.4/1

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

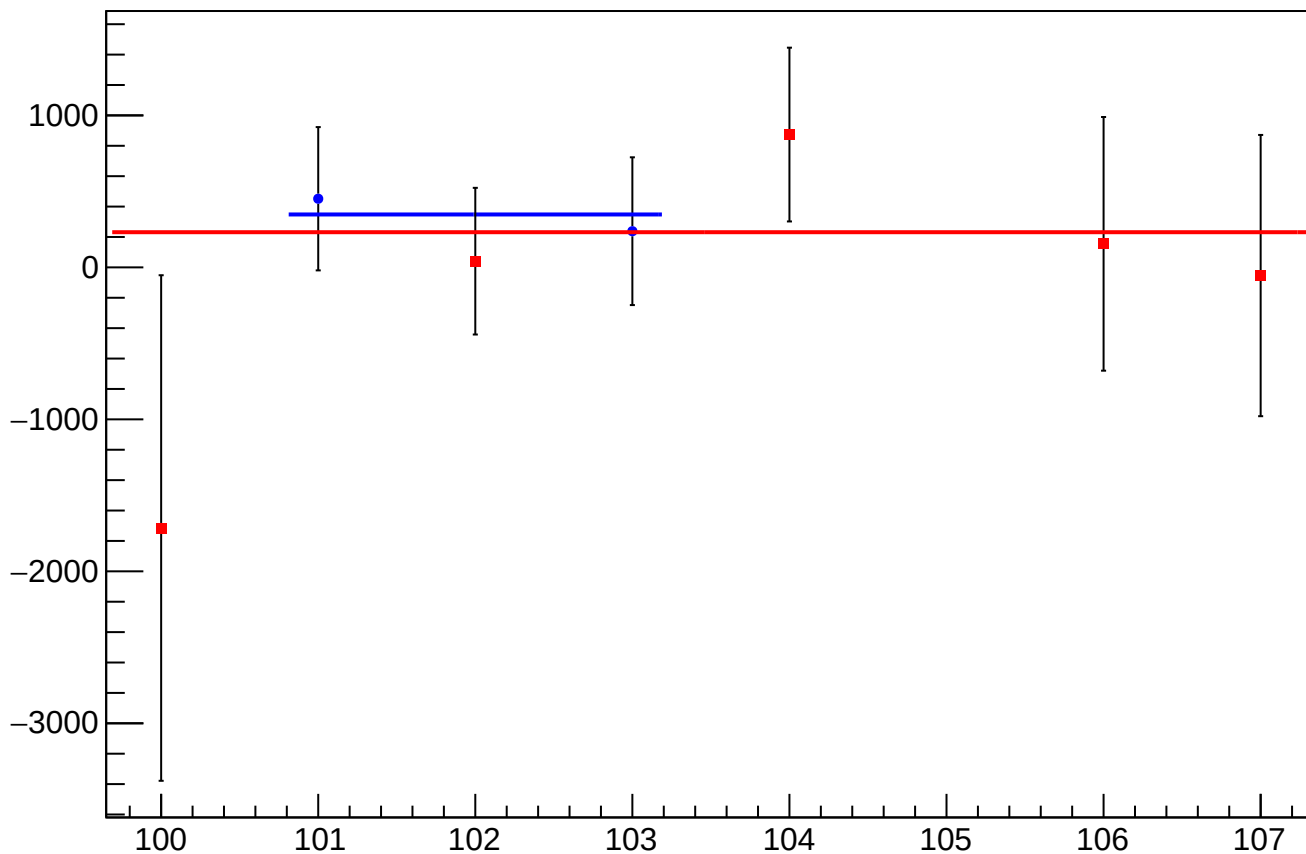
Right: 104.293+/-0.043 χ^2/NDF : 94875.4/6

In: 104.857+/-0.067 χ^2/NDF : 31772.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.293+/-0.043 χ^2/NDF : 94875.4/6

asym_sam6_dit_correction_mean vs Slug, Sign Corrected



Right In: 348.109+/-338.441 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 231.401+/-311.303 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

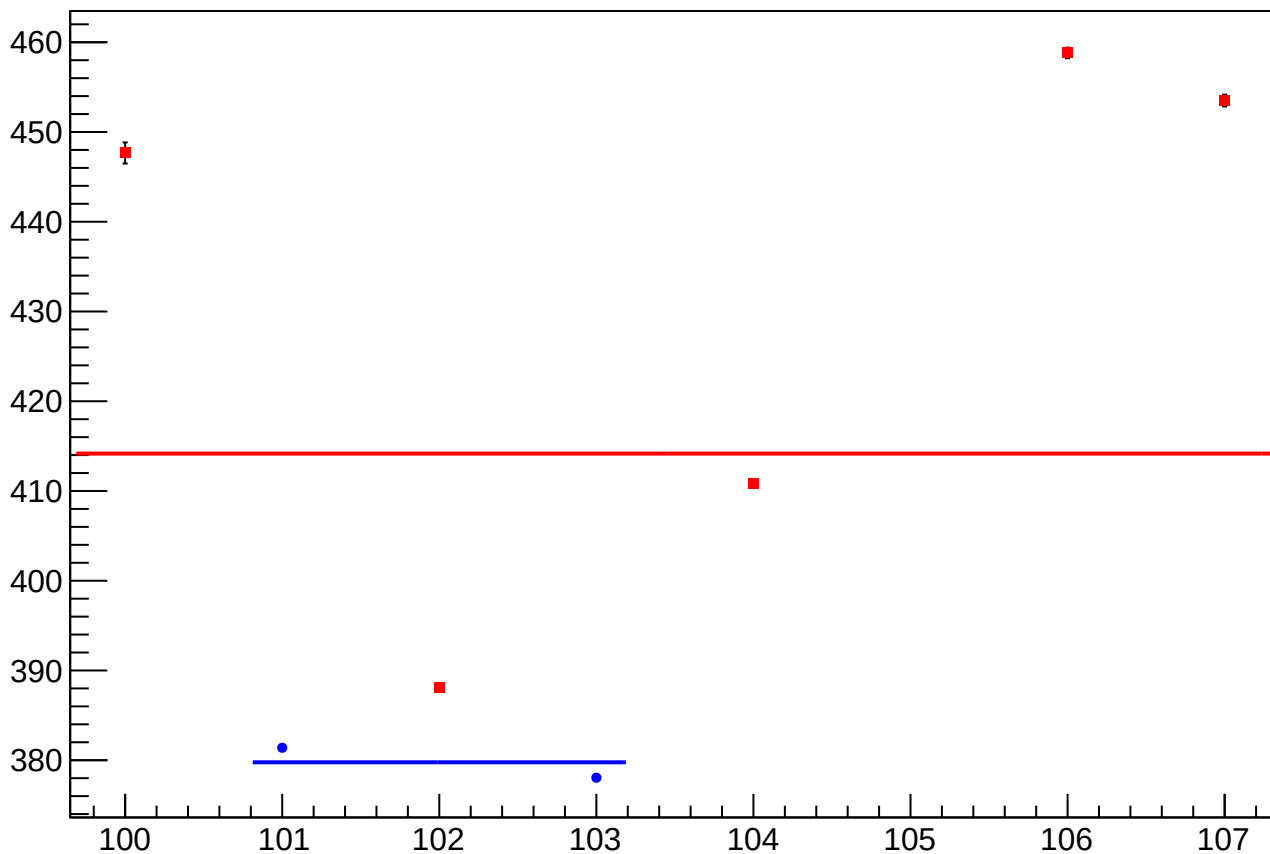
Right: 284.889+/-229.119 χ^2/NDF : 3.1/6

In: 348.109+/-338.441 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 284.889+/-229.119 χ^2/NDF : 3.1/6

asym_sam6_dit_correction_rms vs Slug, Sign Corrected



Right In: 379.770 $\pm$ 0.239 χ^2 /NDF: 48.5/1

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

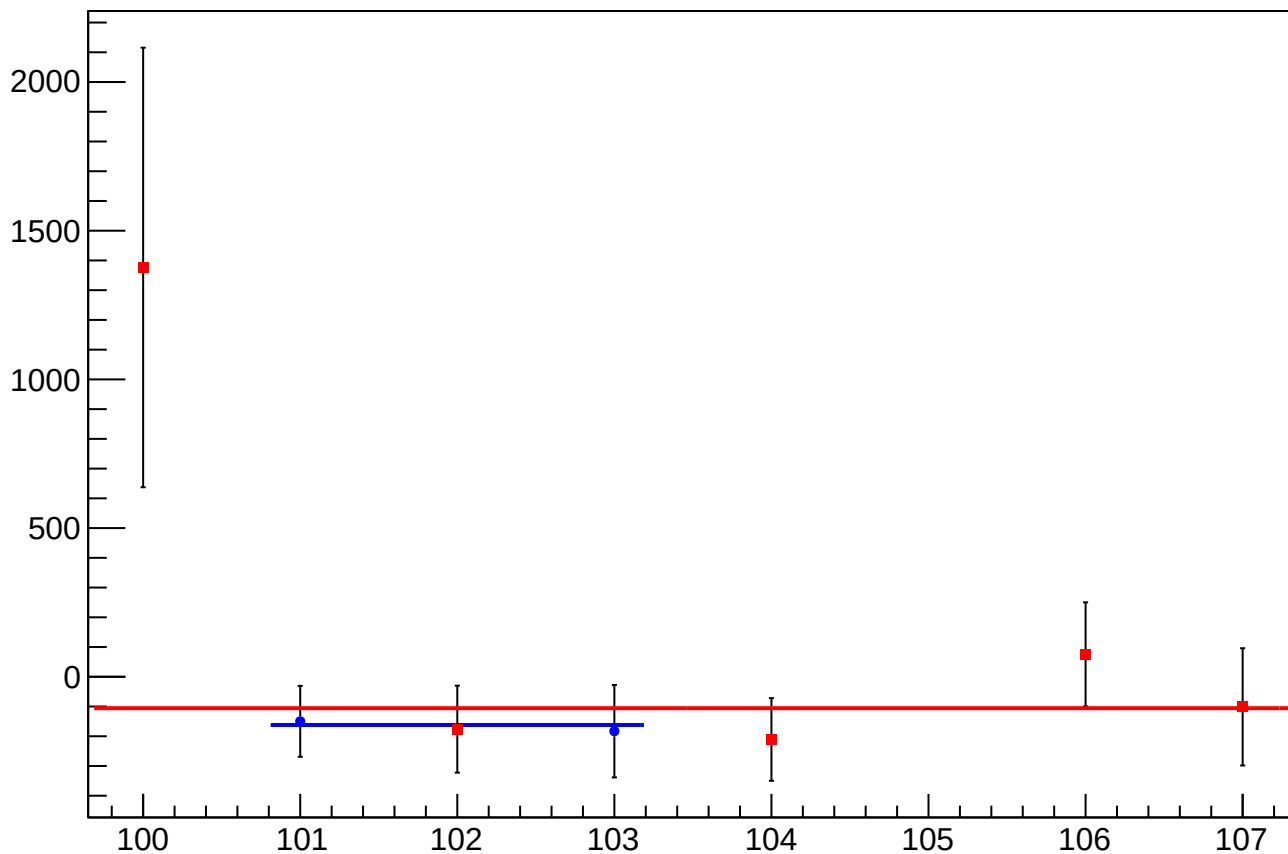
Right: 398.401 $\pm$ 0.162 χ^2 /NDF: 27306.9/6

In: 379.770 $\pm$ 0.239 χ^2 /NDF:48.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 398.401 $\pm$ 0.162 χ^2 /NDF: 27306.9/6

eigen_dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -162.183+/-94.616 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -105.630+/-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

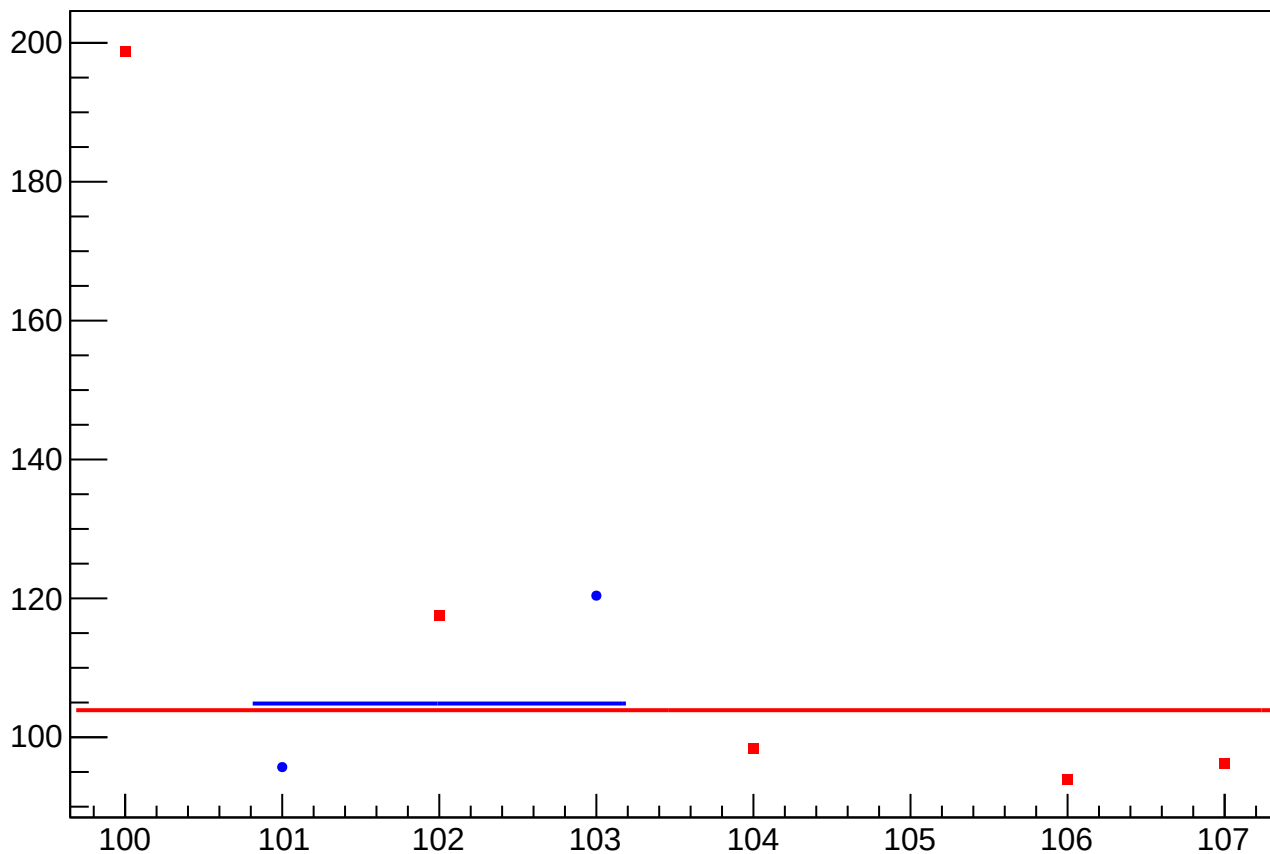
Right: -128.991+/-60.811 χ^2/NDF : 6.1/6

In: -162.183+/-94.616 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -128.991+/-60.811 χ^2/NDF : 6.1/6

eigen_dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 104.856+/-0.067 χ^2/NDF : 31774.5/1

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

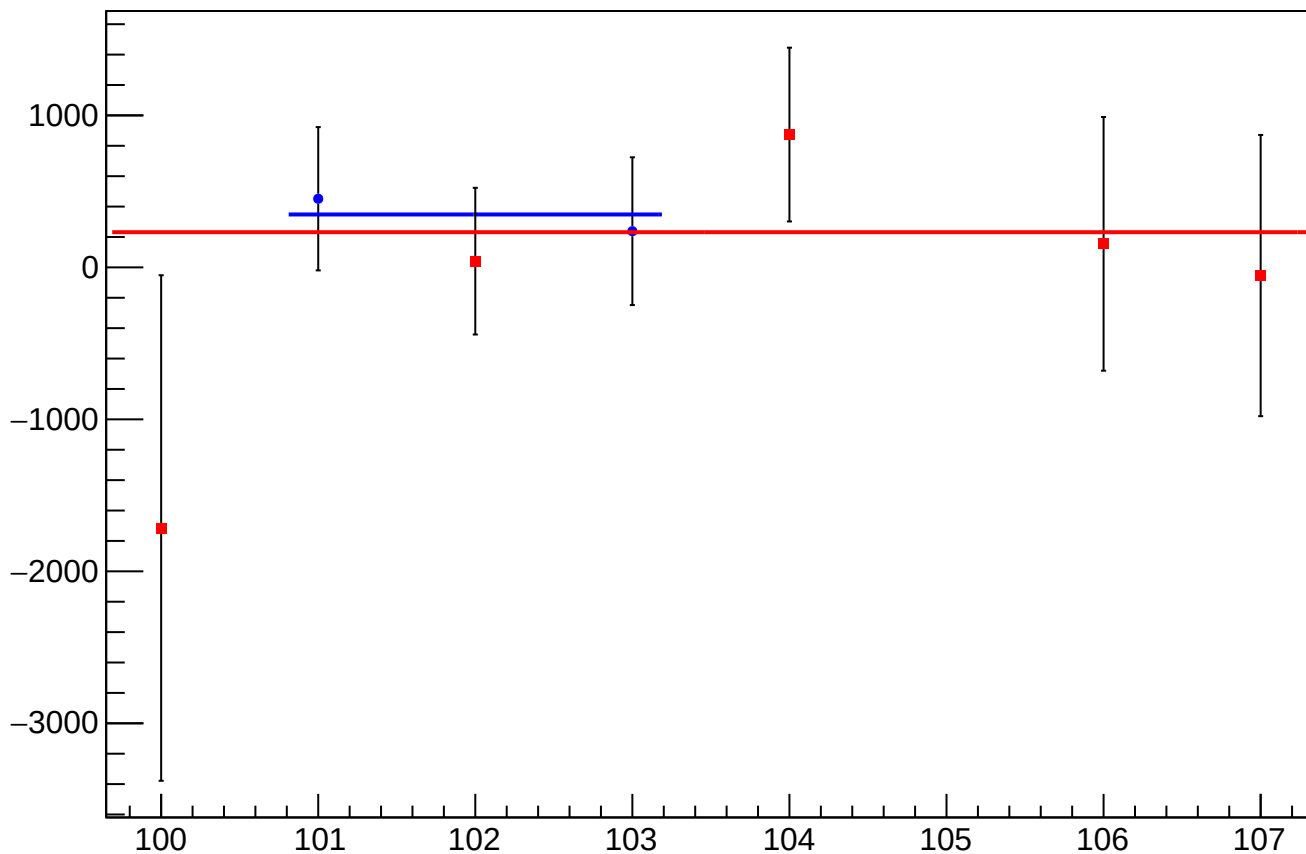
Right: 104.292+/-0.043 χ^2/NDF : 94878.0/6

In: 104.856+/-0.067 χ^2/NDF : 31774.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.292+/-0.043 χ^2/NDF : 94878.0/6

asym_sam6_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 348.109+/-338.441 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 231.403+/-311.303 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

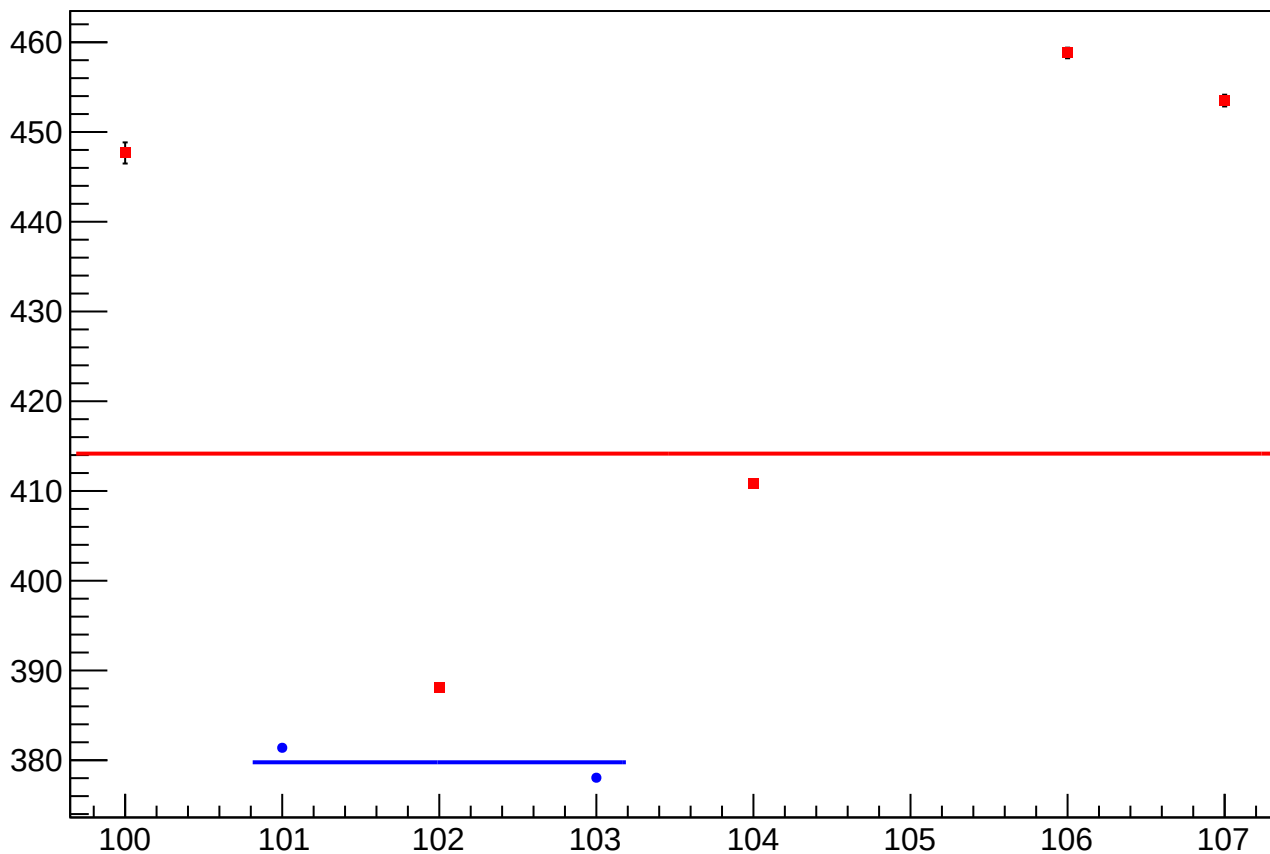
Right: 284.890+/-229.118 χ^2/NDF : 3.1/6

In: 348.109+/-338.441 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 284.890+/-229.118 χ^2/NDF : 3.1/6

asym_sam6_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 379.770 $\pm$ 0.239 χ^2 /NDF: 48.5/1

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

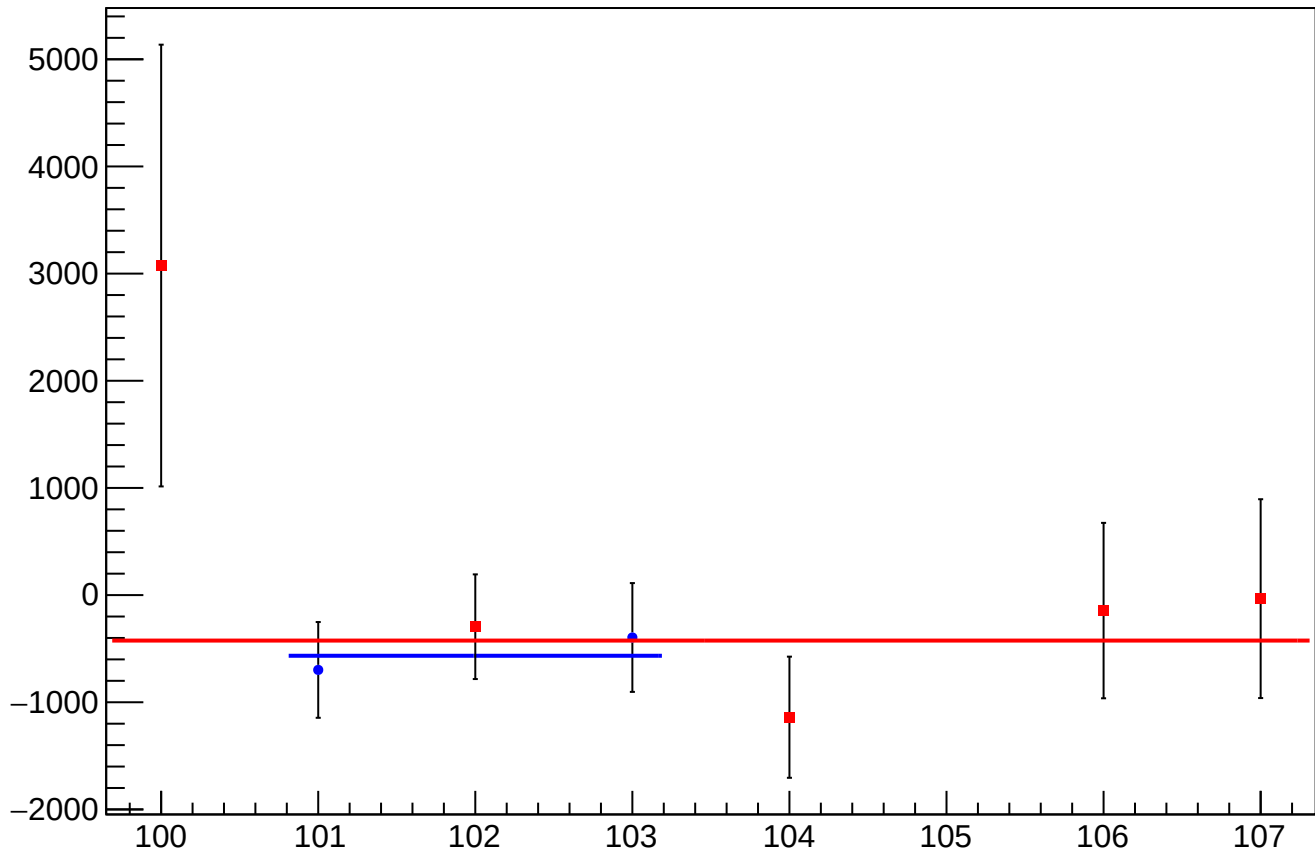
Right: 398.401 $\pm$ 0.162 χ^2 /NDF: 27306.6/6

In: 379.770 $\pm$ 0.239 χ^2 /NDF: 48.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 398.401 $\pm$ 0.162 χ^2 /NDF: 27306.6/6

asym_sam6_mean vs Slug, Sign Corrected



Right In: -566.116+/-335.413 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -424.378+/-312.924 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

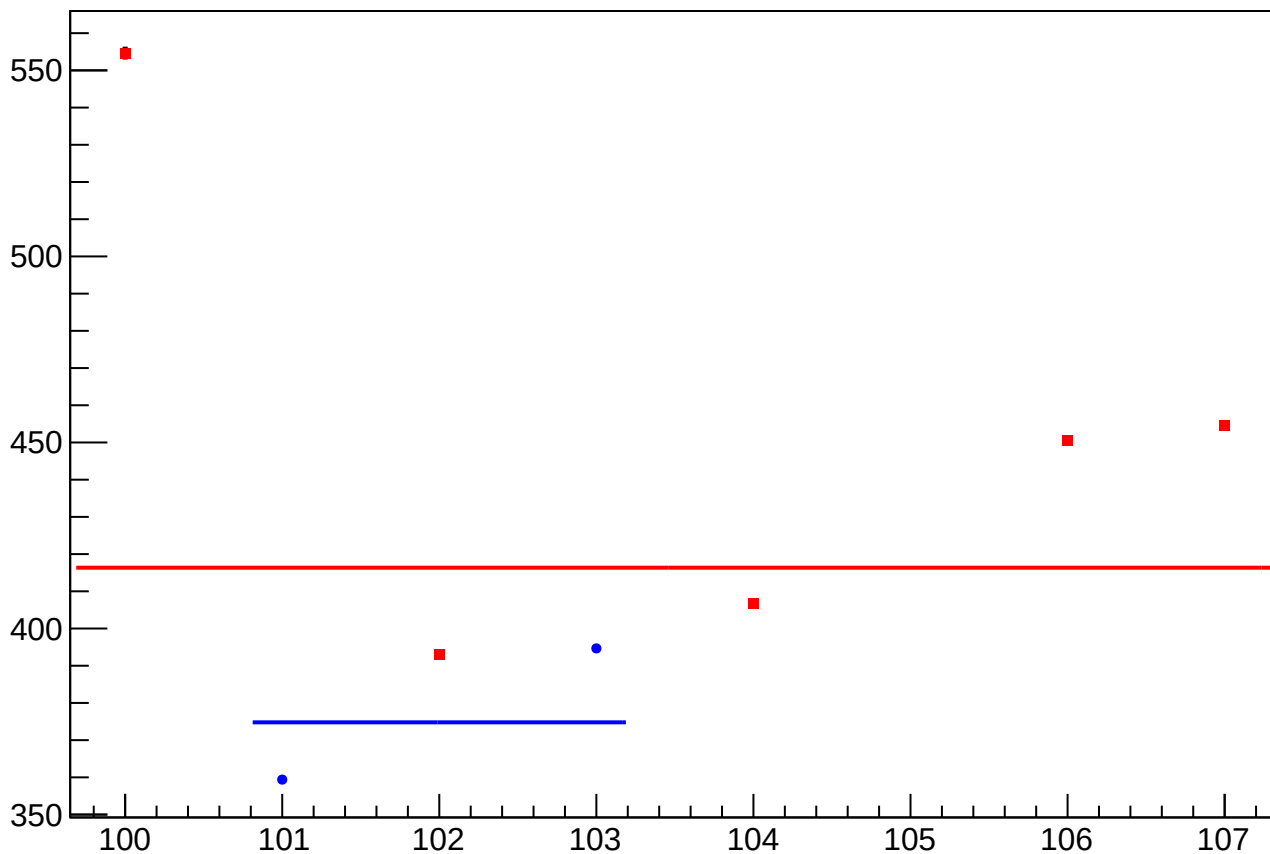
Right: -490.336+/-228.808 χ^2/NDF : 5.1/6

In: -566.116+/-335.413 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -490.336+/-228.808 χ^2/NDF : 5.1/6

asym_sam6_rms vs Slug, Sign Corrected



Right In: 374.786+/-0.237 χ^2/NDF : 5438.5/1

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

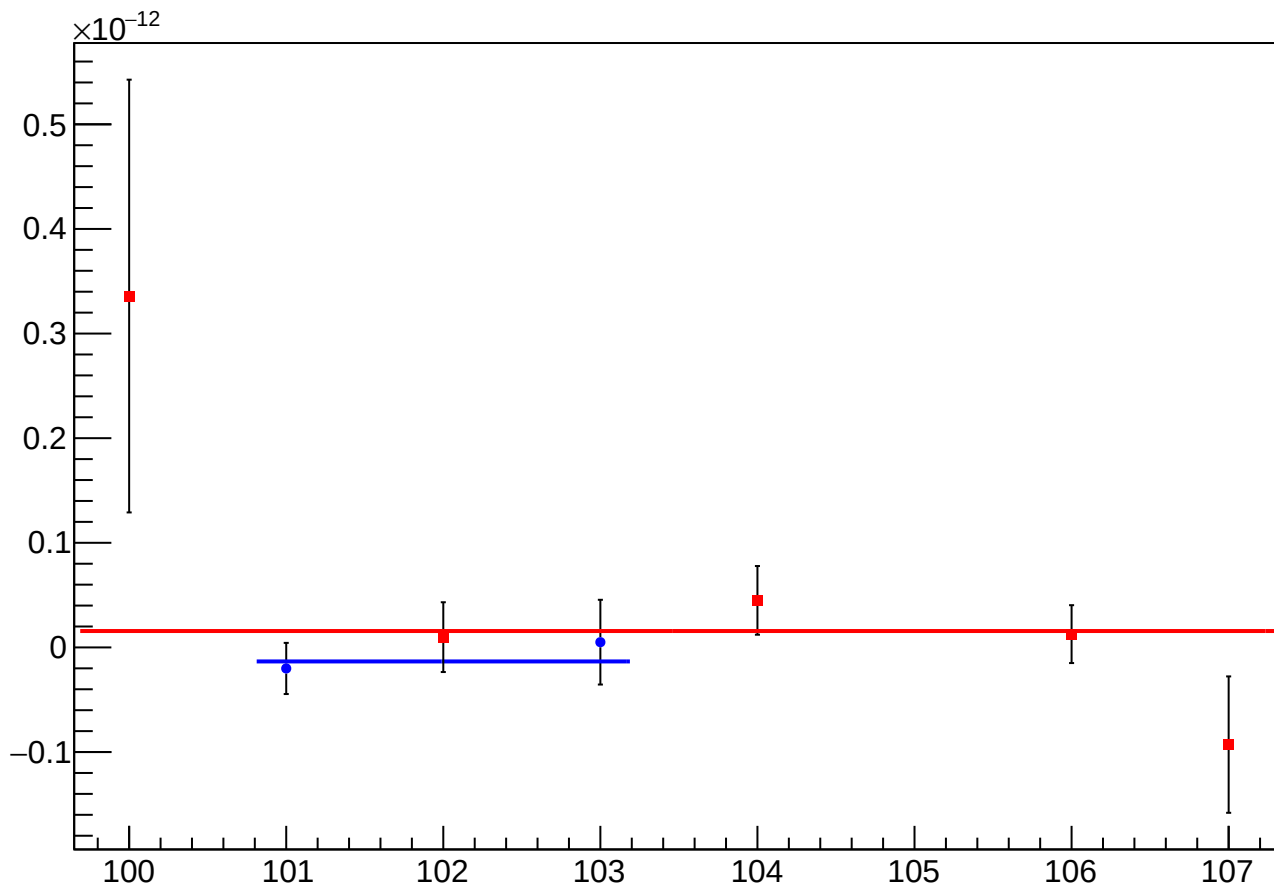
Right: 397.007+/-0.162 χ^2/NDF : 42868.2/6

In: 374.786+/-0.237 χ^2/NDF : 5438.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 397.007+/-0.162 χ^2/NDF : 42868.2/6

asym_sam6_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.3/1

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

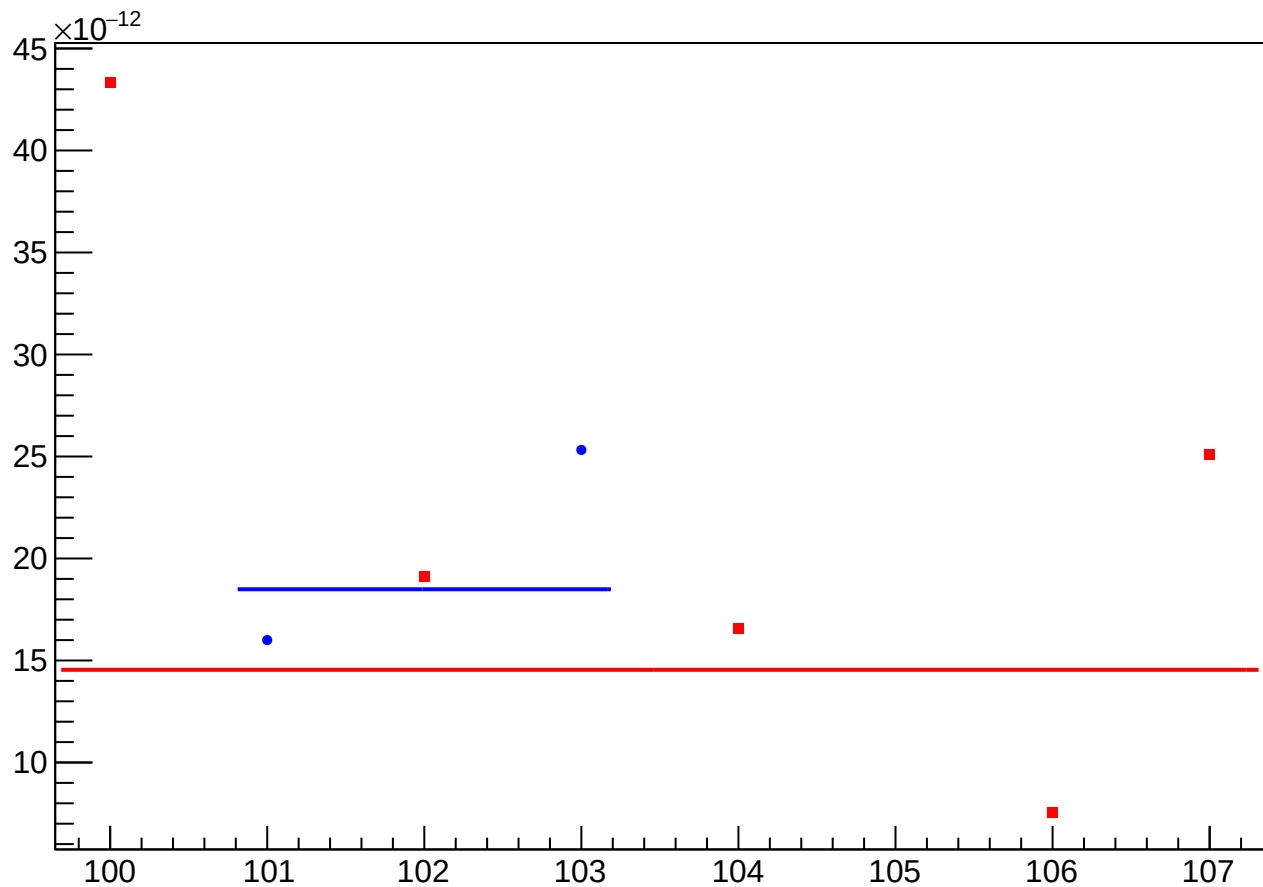
Right: 0.000+/-0.000 χ^2/NDF : 7.4/6

In: -0.000+/-0.000 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.4/6

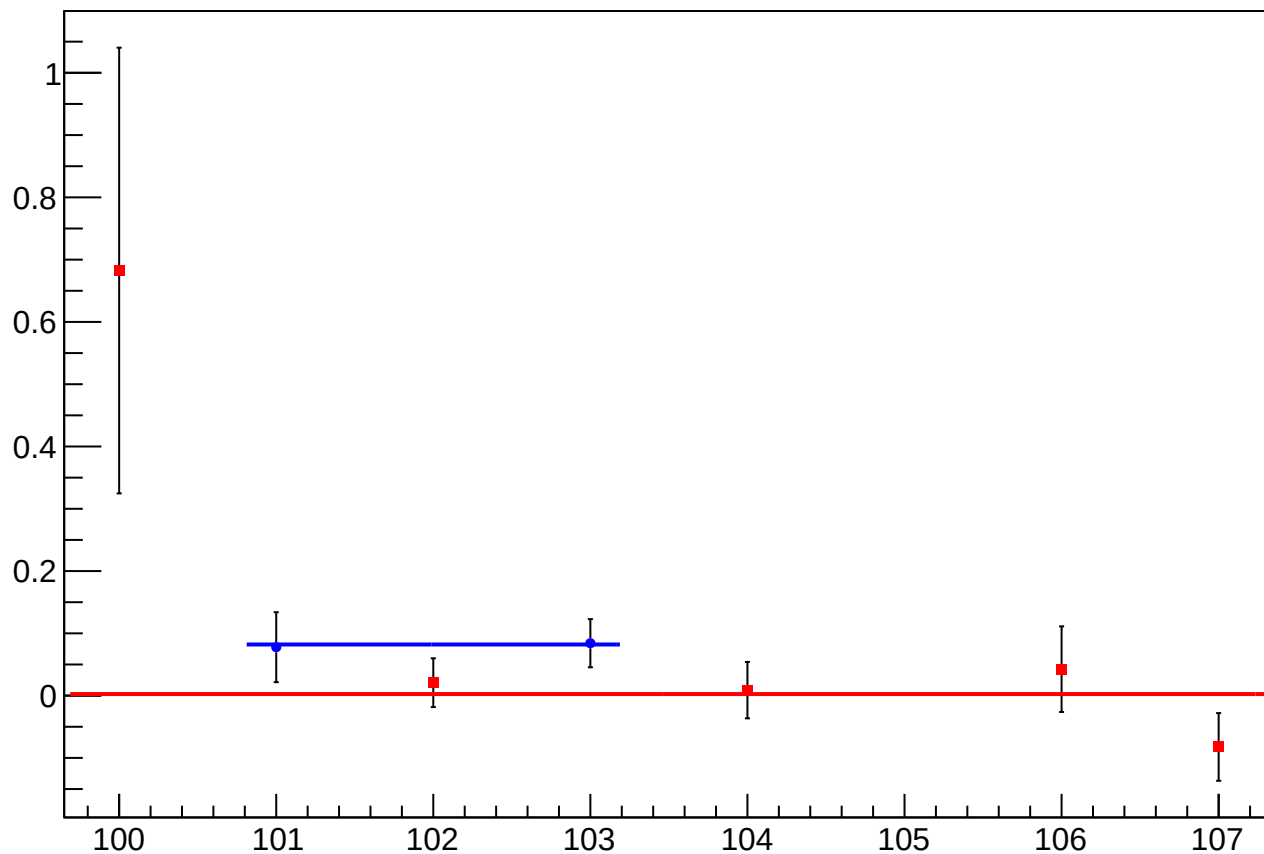
asym_sam6_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 77644.6/1
 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 : 383963.9/6
 In: 0.000+/-0.000 χ^2/NDF : 77644.6/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 383963.9/6

asym_sam6_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.082+/-0.032 χ^2/NDF : 0.0/1

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

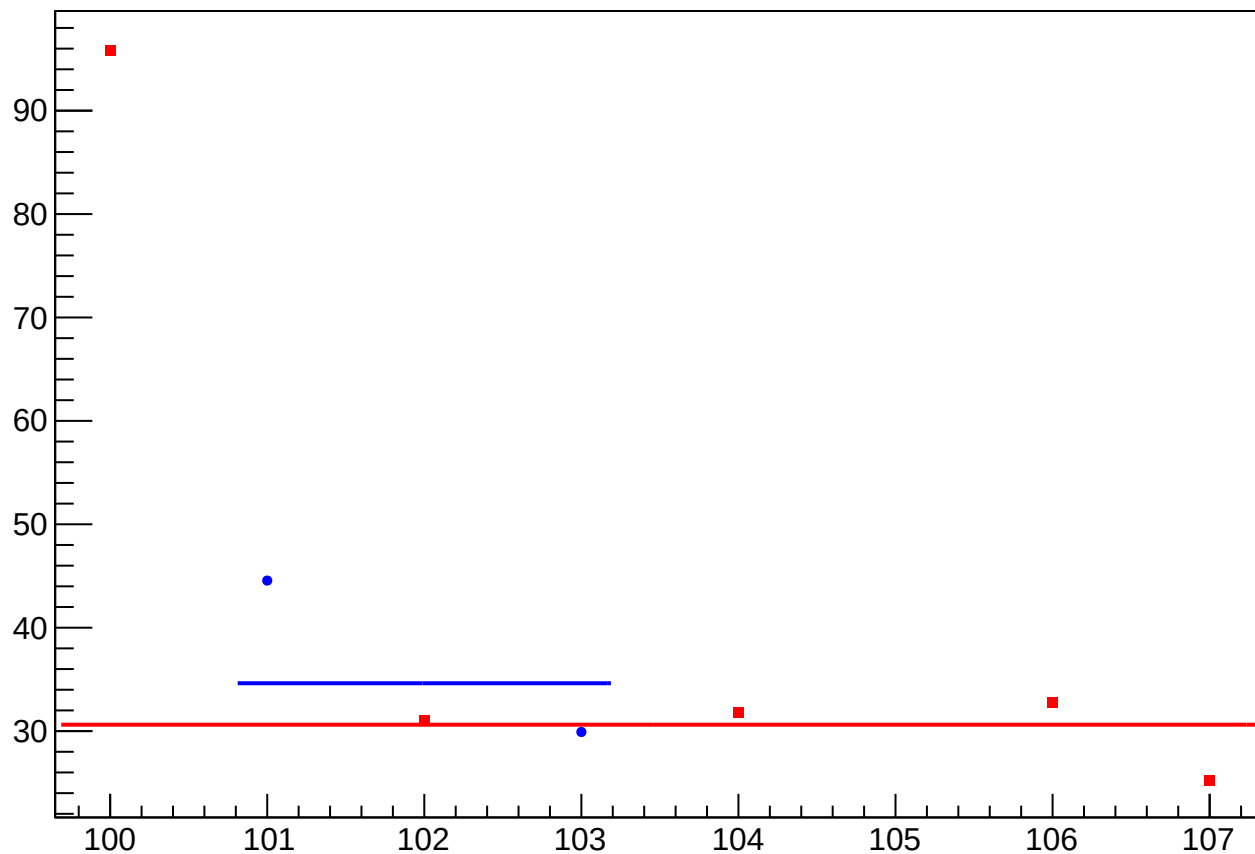
Right: 0.032+/-0.019 χ^2/NDF : 10.6/6

In: 0.082+/-0.032 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.032+/-0.019 χ^2/NDF : 10.6/6

asym_sam6_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.628 ± 0.023 χ^2/NDF : 92192.2/1

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

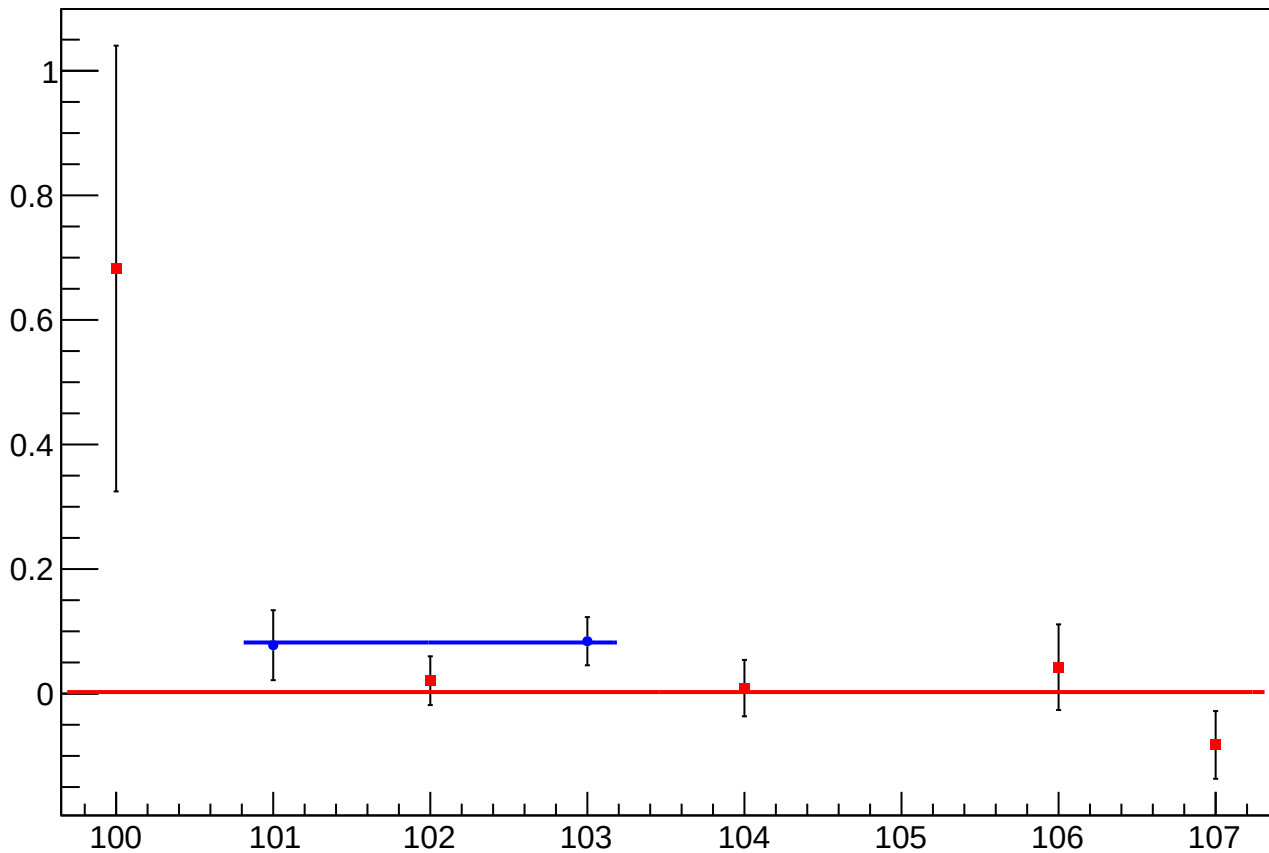
Right: 32.091 ± 0.014 χ^2/NDF : 201874.7/6

In: 34.628 ± 0.023 χ^2/NDF : 92192.2/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 32.091 ± 0.014 χ^2/NDF : 201874.7/6

asym_sam6_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.082 $\pm$ 0.032 χ^2 /NDF: 0.0/1

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

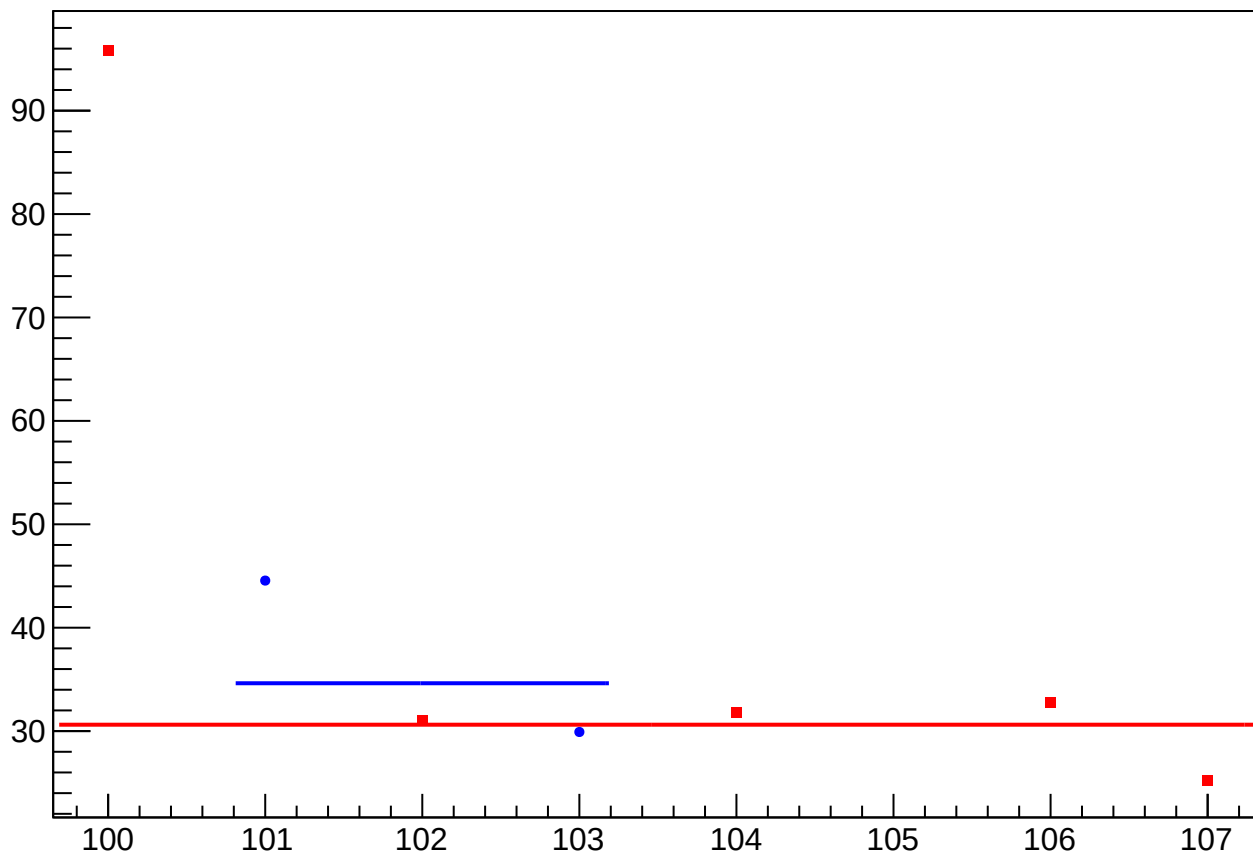
Right: 0.032 $\pm$ 0.019 χ^2 /NDF: 10.6/6

In: 0.082 $\pm$ 0.032 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.032 $\pm$ 0.019 χ^2 /NDF: 10.6/6

asym_sam6_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.628 $\pm$ 0.023 χ^2 /NDF: 92192.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 30.619 $\pm$ 0.017 χ^2 /NDF: 89647.1/4

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

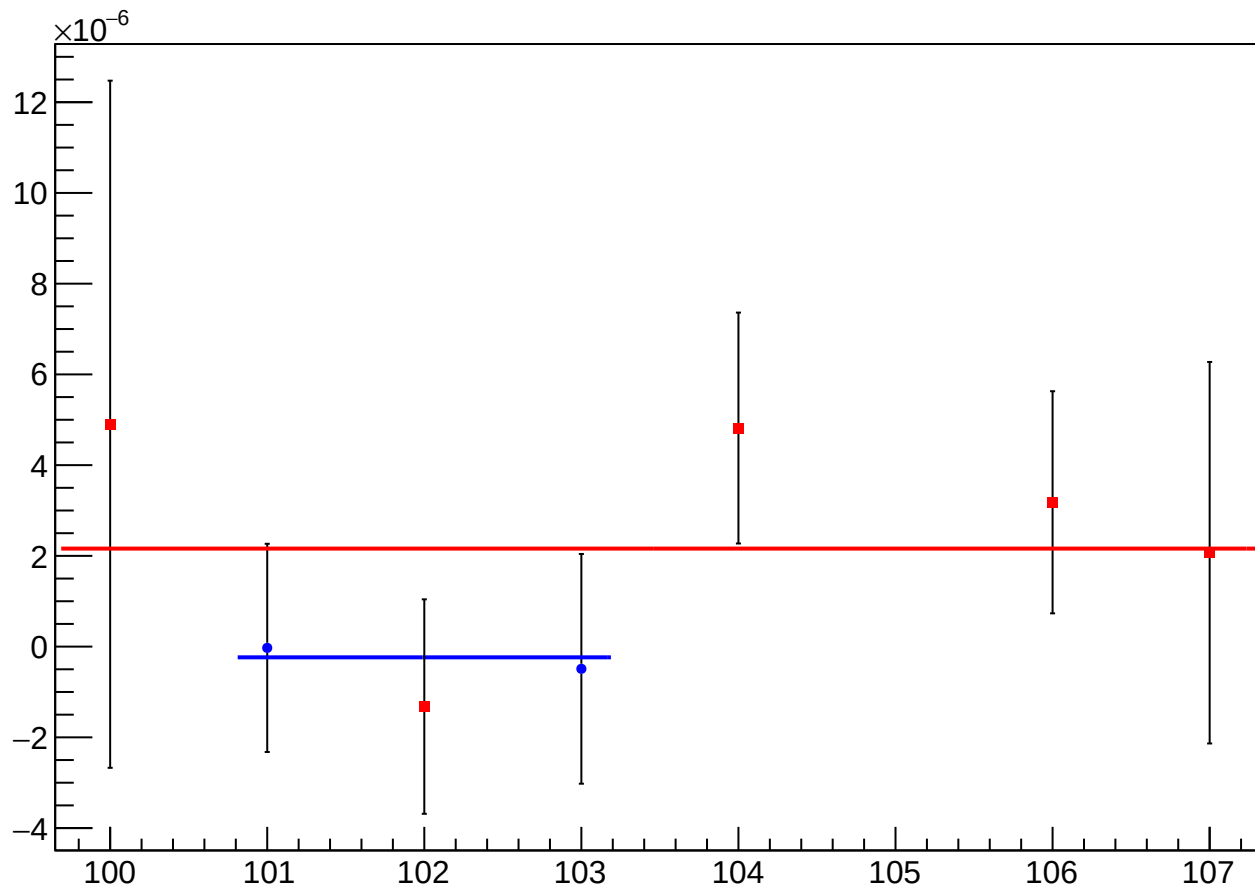
Right: 32.091 $\pm$ 0.014 χ^2 /NDF: 201874.7/6

In: 34.628 $\pm$ 0.023 χ^2 /NDF:92192.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 32.091 $\pm$ 0.014 χ^2 /NDF: 201874.7/6

asym_sam6_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.0/1

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

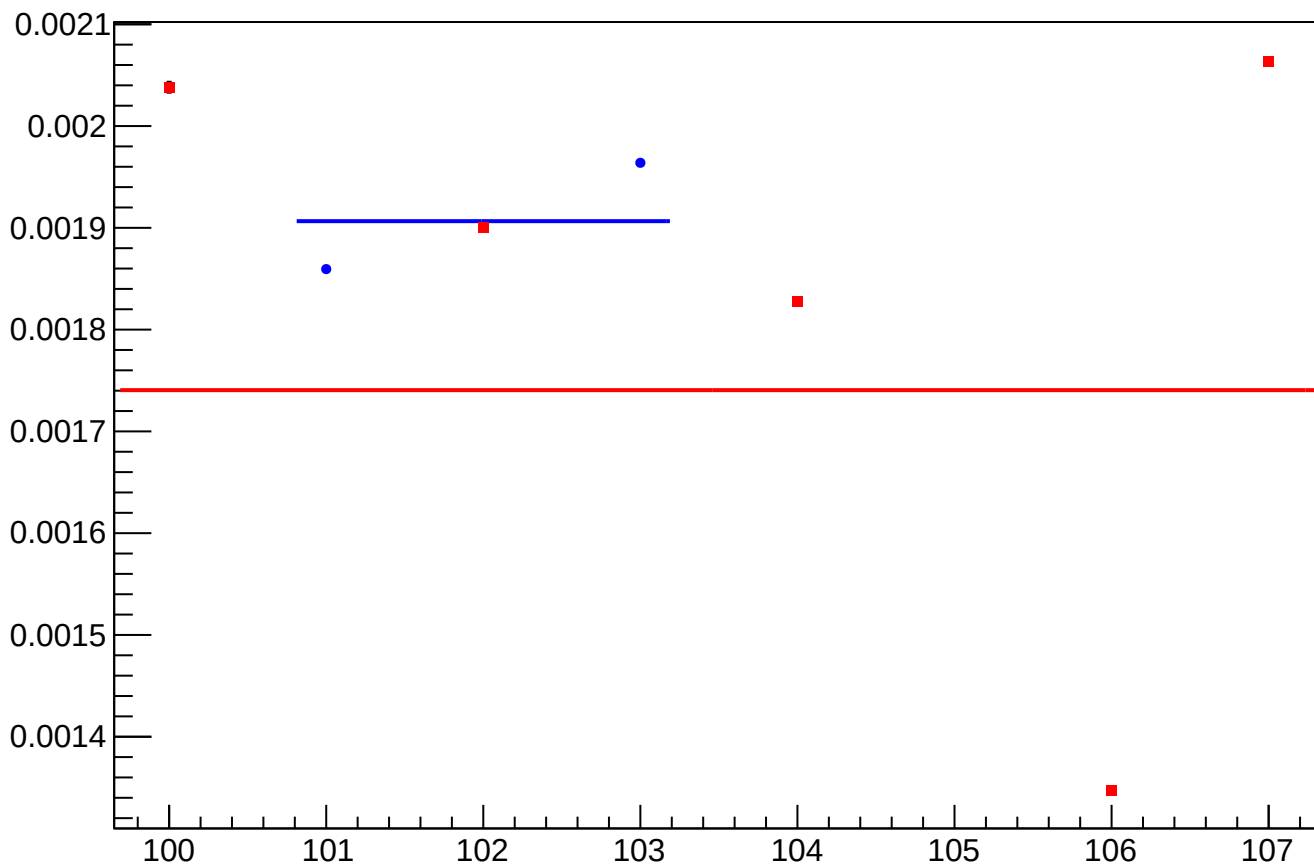
Right: 0.000+/-0.000 χ^2 /NDF: 4.8/6

In: -0.000+/-0.000 χ^2 /NDF:0.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 4.8/6

asym_sam6_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1868.5/1

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

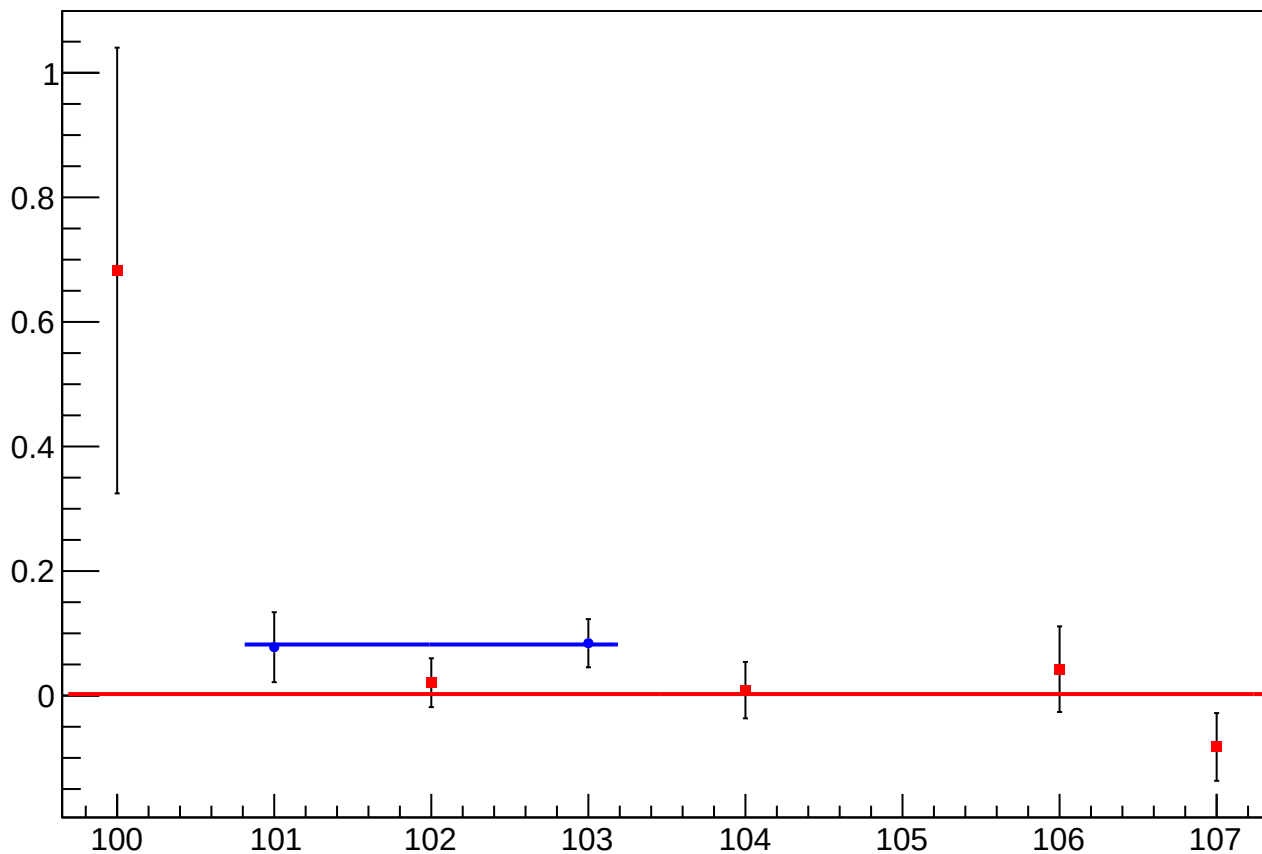
Right: 0.002+/-0.000 χ^2/NDF : 91688.2/6

In: 0.002+/-0.000 χ^2/NDF : 1868.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 91688.2/6

asym_sam6_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.082 $\pm$ 0.032 χ^2 /NDF: 0.0/1

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

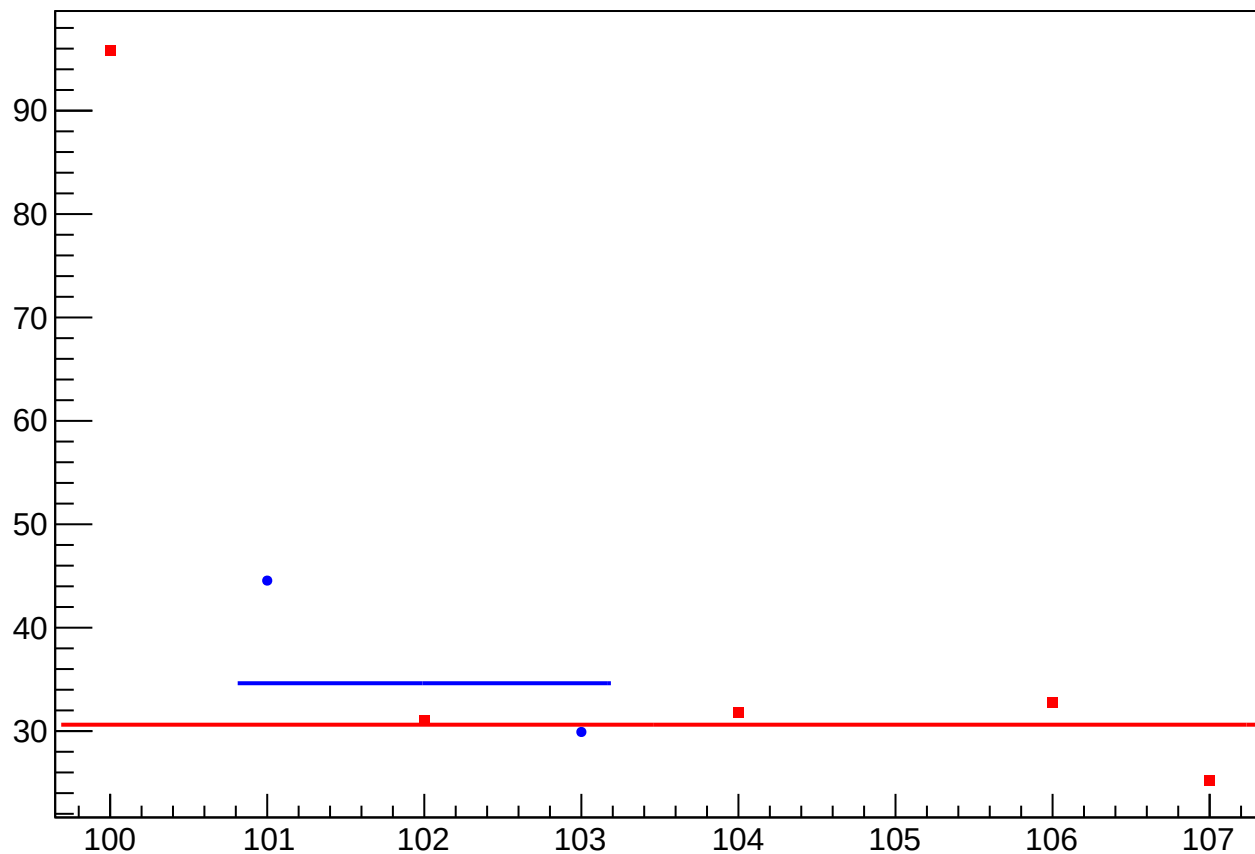
Right: 0.032 $\pm$ 0.019 χ^2 /NDF: 10.6/6

In: 0.082 $\pm$ 0.032 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.032 $\pm$ 0.019 χ^2 /NDF: 10.6/6

asym_sam6_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.628 $\pm$ 0.023 χ^2 /NDF: 92172.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 30.618 $\pm$ 0.017 χ^2 /NDF: 89652.6/4

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

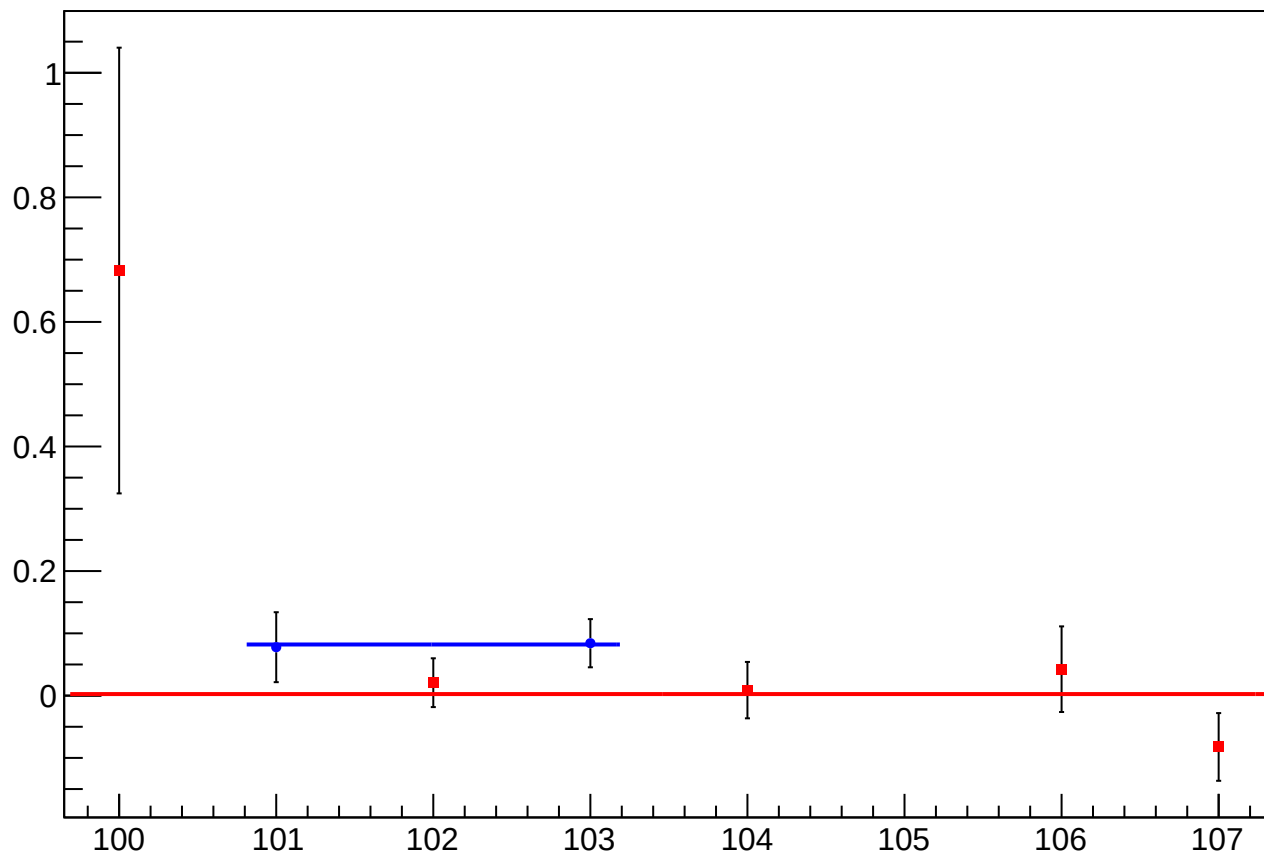
Right: 32.091 $\pm$ 0.014 χ^2 /NDF: 201862.1/6

In: 34.628 $\pm$ 0.023 χ^2 /NDF:92172.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 32.091 $\pm$ 0.014 χ^2 /NDF: 201862.1/6

asym_sam6_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.082 $\pm$ 0.032 χ^2 /NDF: 0.0/1

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

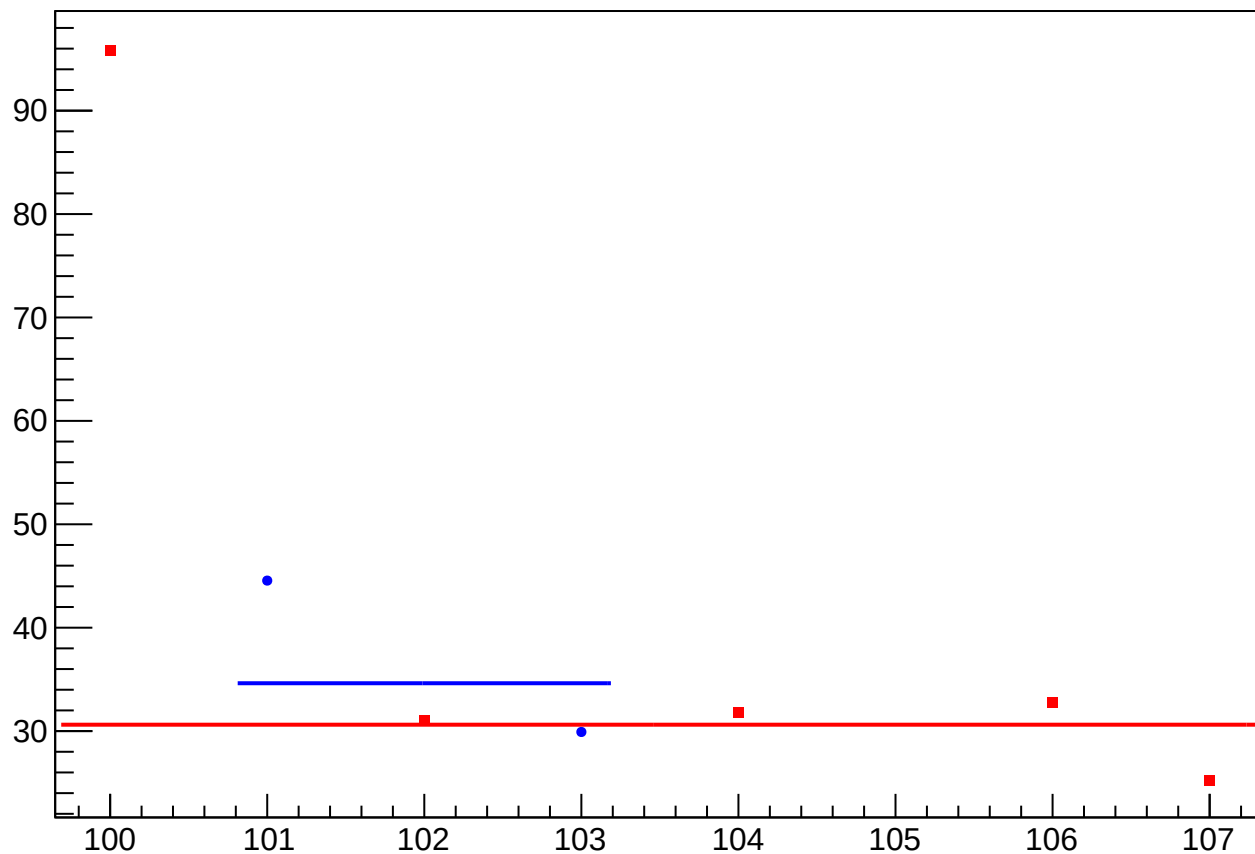
Right: 0.032 $\pm$ 0.019 χ^2 /NDF: 10.6/6

In: 0.082 $\pm$ 0.032 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.032 $\pm$ 0.019 χ^2 /NDF: 10.6/6

asym_sam6_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.628 $\pm$ 0.023 χ^2 /NDF: 92172.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 30.618 $\pm$ 0.017 χ^2 /NDF: 89652.6/4

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

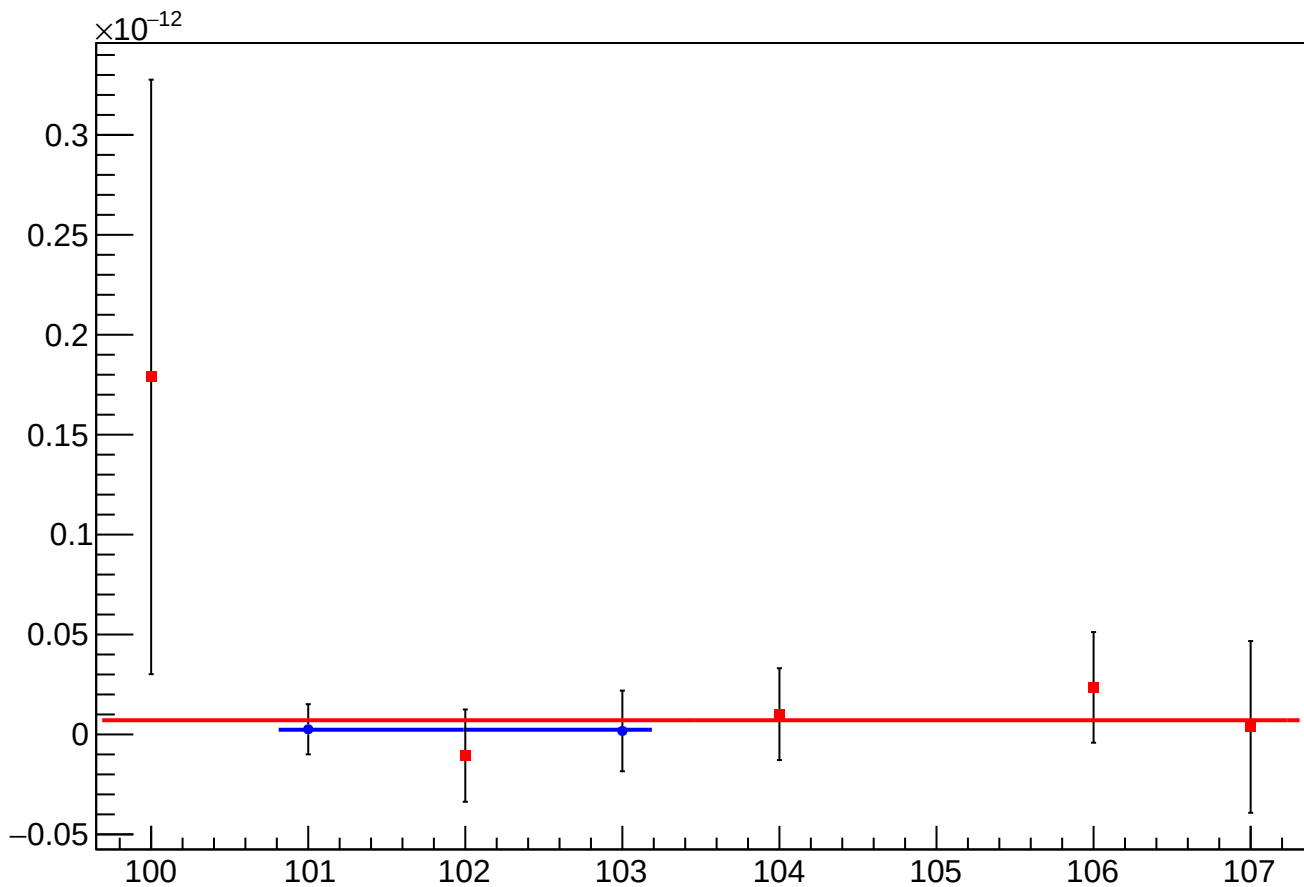
Right: 32.091 $\pm$ 0.014 χ^2 /NDF: 201862.1/6

In: 34.628 $\pm$ 0.023 χ^2 /NDF:92172.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 32.091 $\pm$ 0.014 χ^2 /NDF: 201862.1/6

asym_sam6_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/1

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

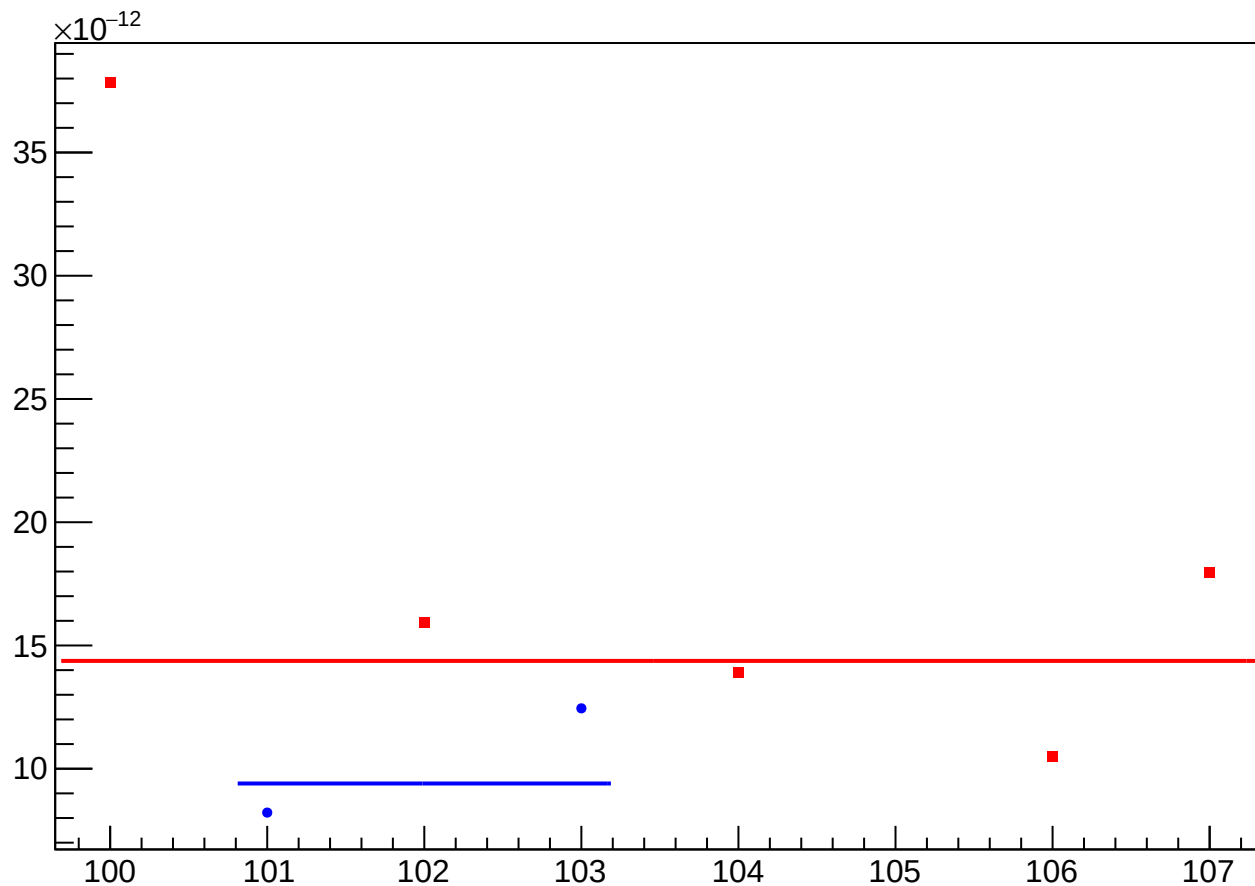
Right: 0.000+/-0.000 χ^2/NDF : 2.4/6

In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2.4/6

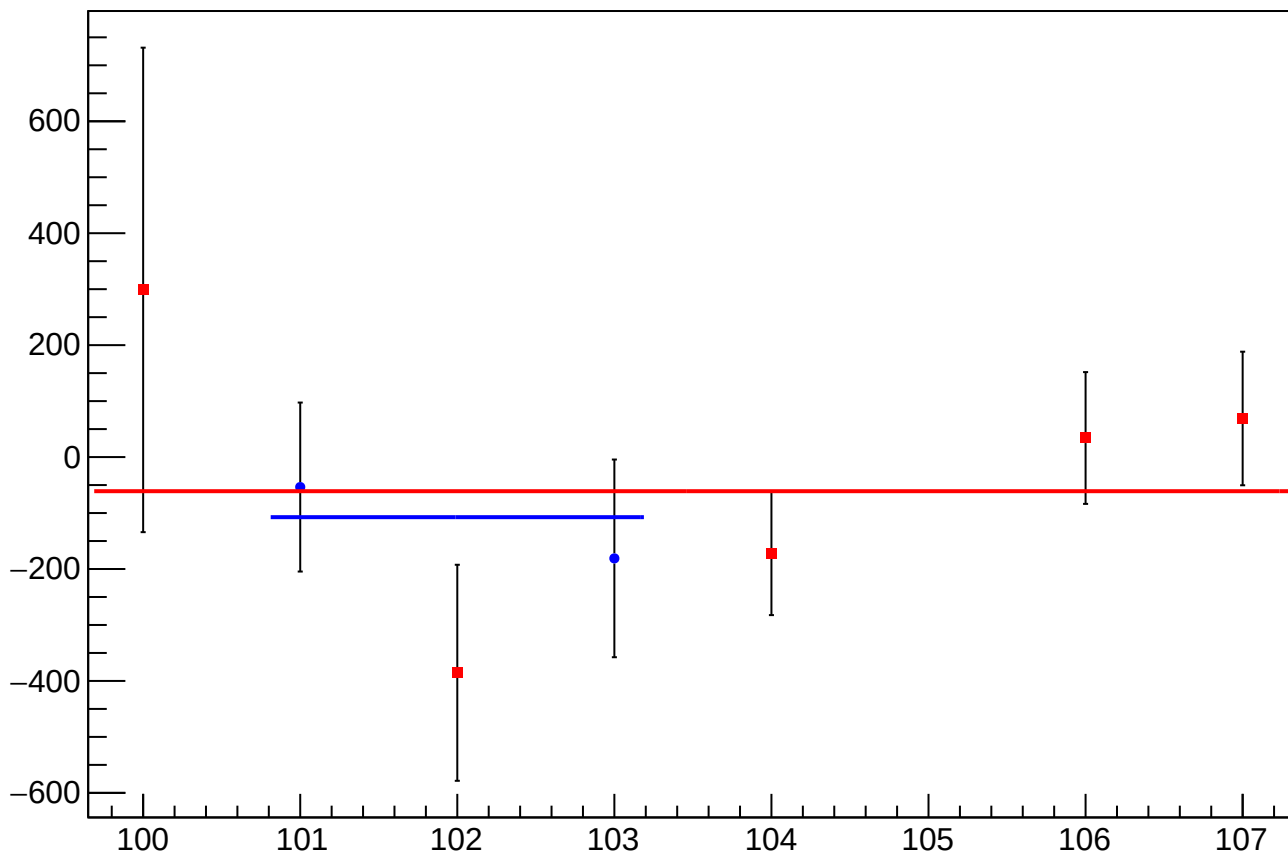
asym_sam6_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 63383.2/1
 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 : 346429.4/6
 In: 0.000+/-0.000 χ^2/NDF : 63383.2/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 346429.4/6

reg_asym_sam7_mean vs Slug, Sign Corrected



Right In: -107.375+/-114.766 χ^2/NDF : 0.3/1

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

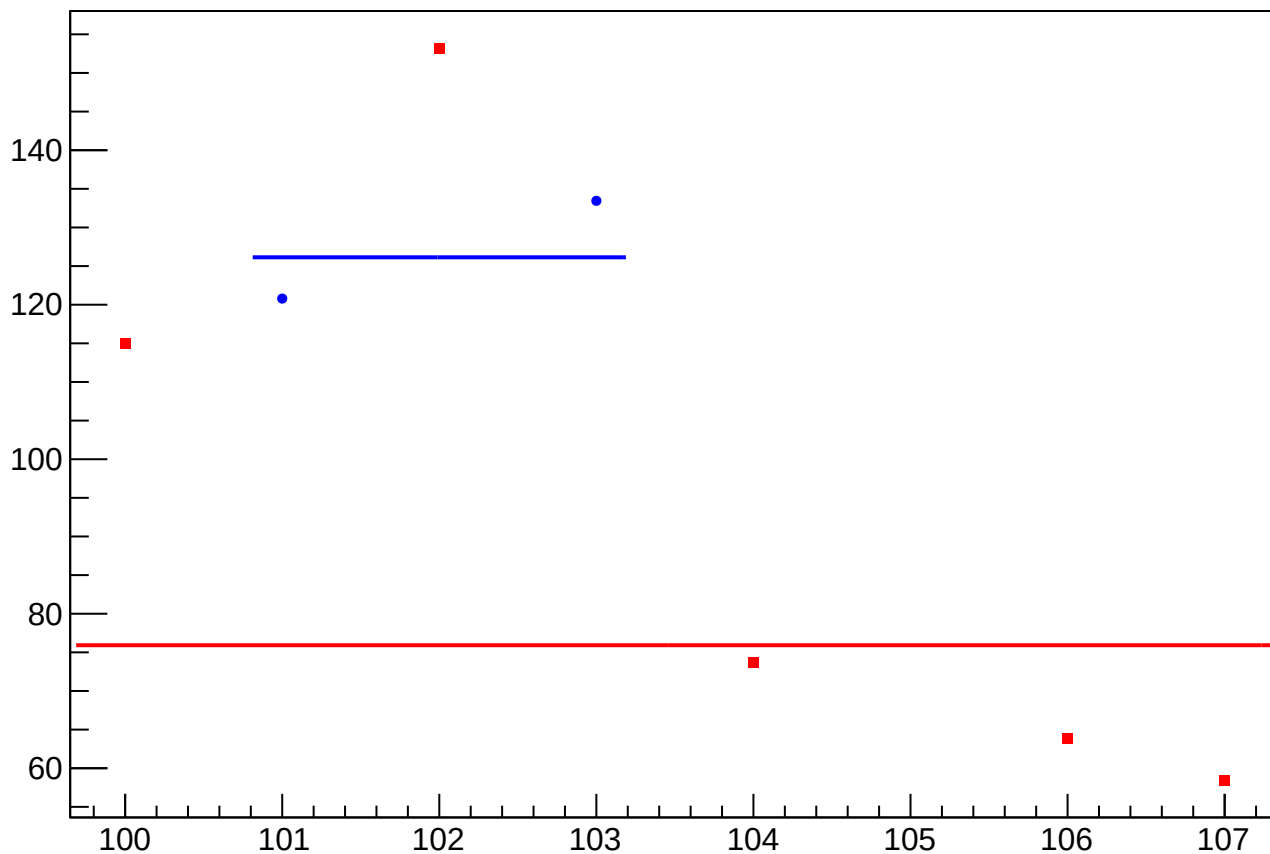
Right: -71.546+/-54.801 χ^2/NDF : 6.8/6

In: -107.375+/-114.766 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -71.546+/-54.801 χ^2/NDF : 6.8/6

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 126.136+/-0.081 χ^2/NDF : 5934.6/1

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

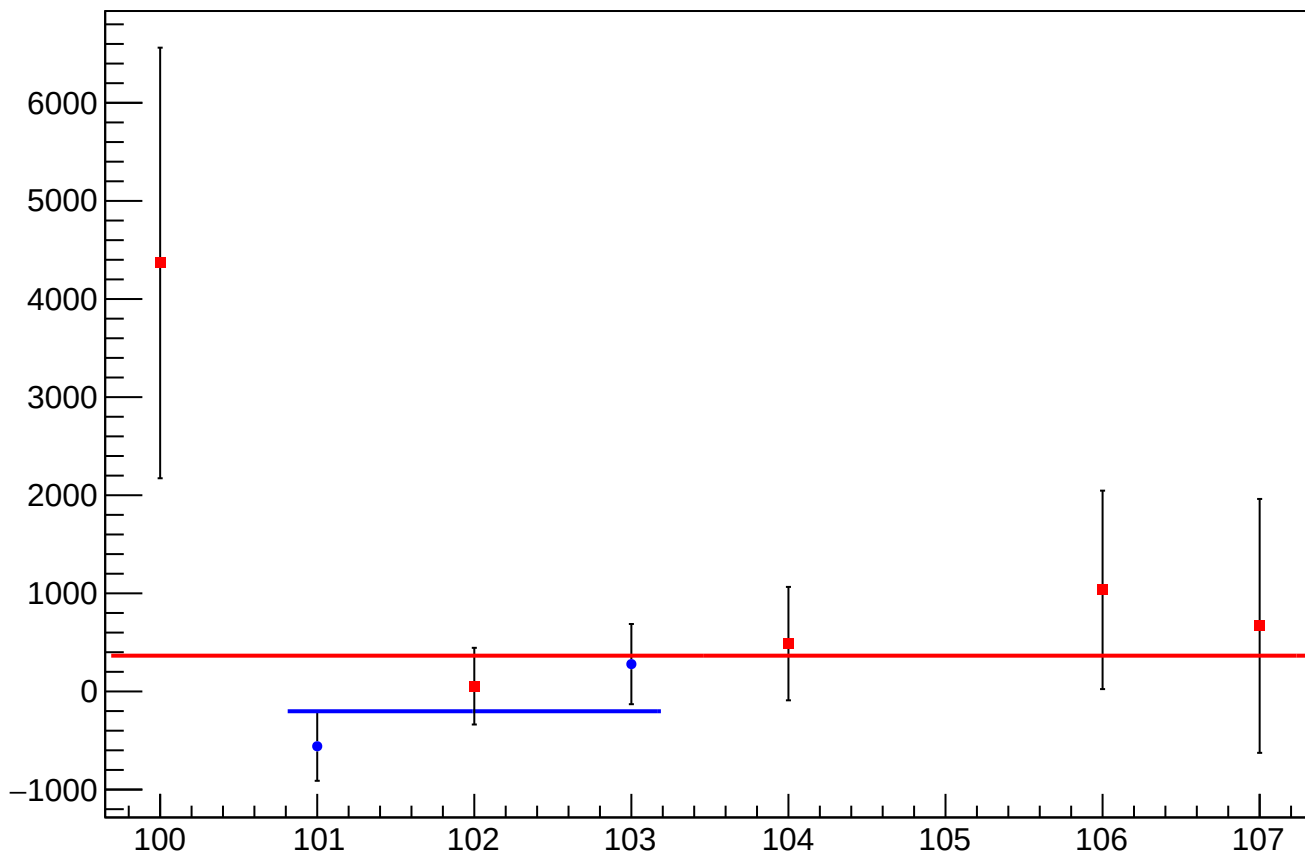
Right: 87.373+/-0.039 χ^2/NDF : 702398.9/6

In: 126.136+/-0.081 χ^2/NDF : 5934.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.373+/-0.039 χ^2/NDF : 702398.9/6

asym_sam7_reg_correction_mean vs Slug, Sign Corrected



Right In: -201.801+/-266.798 χ^2/NDF : 2.4/1

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

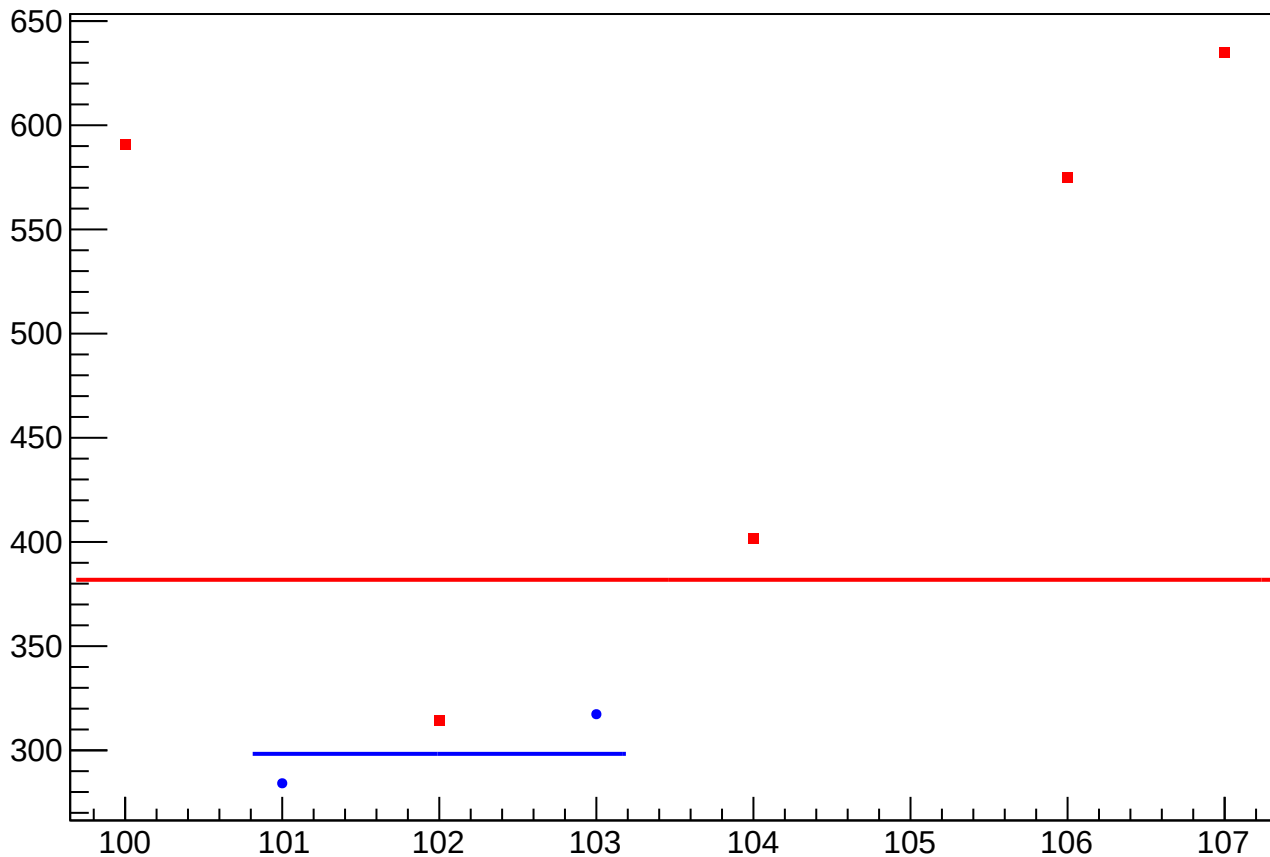
Right: 51.047+/-198.524 χ^2/NDF : 8.9/6

In: -201.801+/-266.798 χ^2/NDF : 2.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.047+/-198.524 χ^2/NDF : 8.9/6

asym_sam7_reg_correction_rms vs Slug, Sign Corrected



Right In: 298.314 $\pm$ 0.189 χ^2 /NDF: 7553.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 381.851 $\pm$ 0.210 χ^2 /NDF: 229500.9/4

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

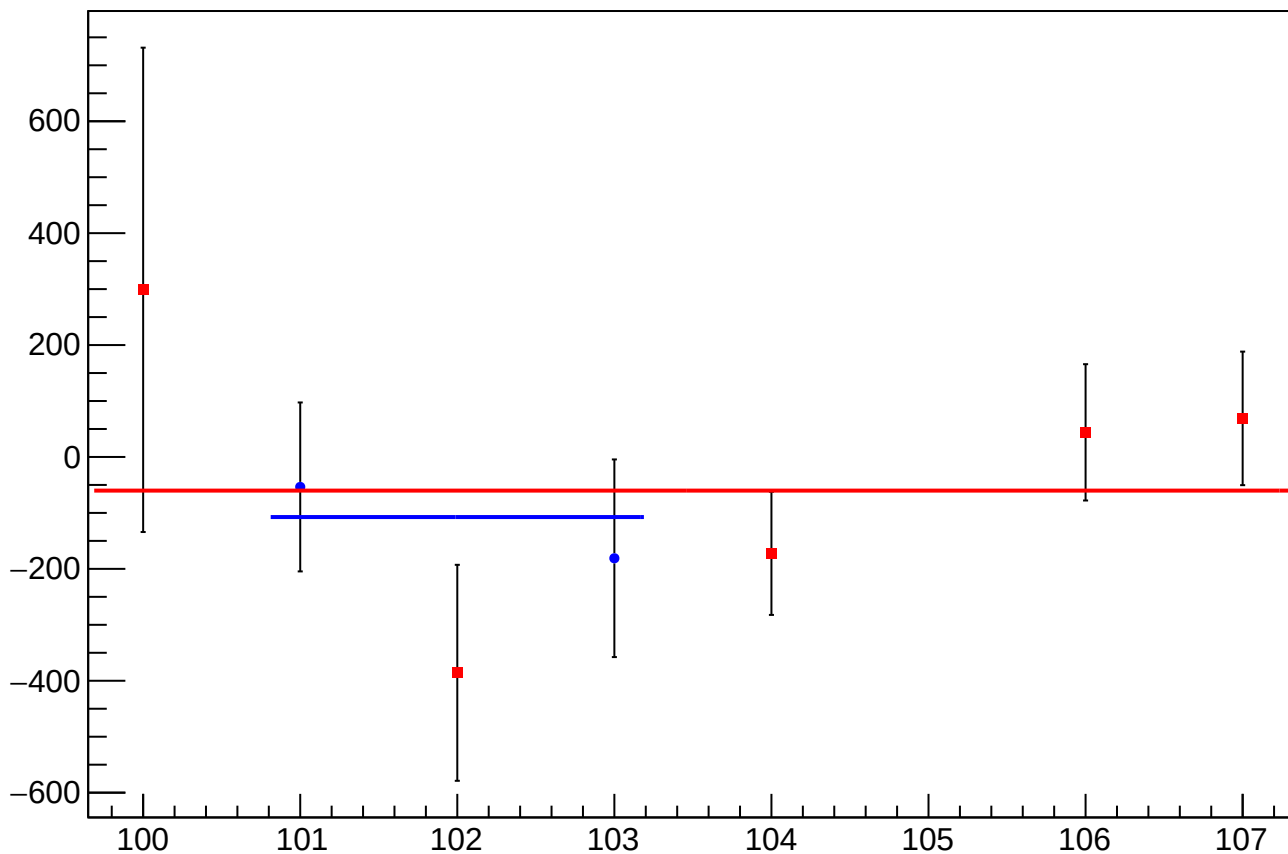
Right: 335.597 $\pm$ 0.140 χ^2 /NDF: 324565.7/6

In: 298.314 $\pm$ 0.189 χ^2 /NDF:7553.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 335.597 $\pm$ 0.140 χ^2 /NDF: 324565.7/6

cor_asym_sam7_mean vs Slug, Sign Corrected



Right In: -107.396 ± 114.766 χ^2/NDF : 0.3/1

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

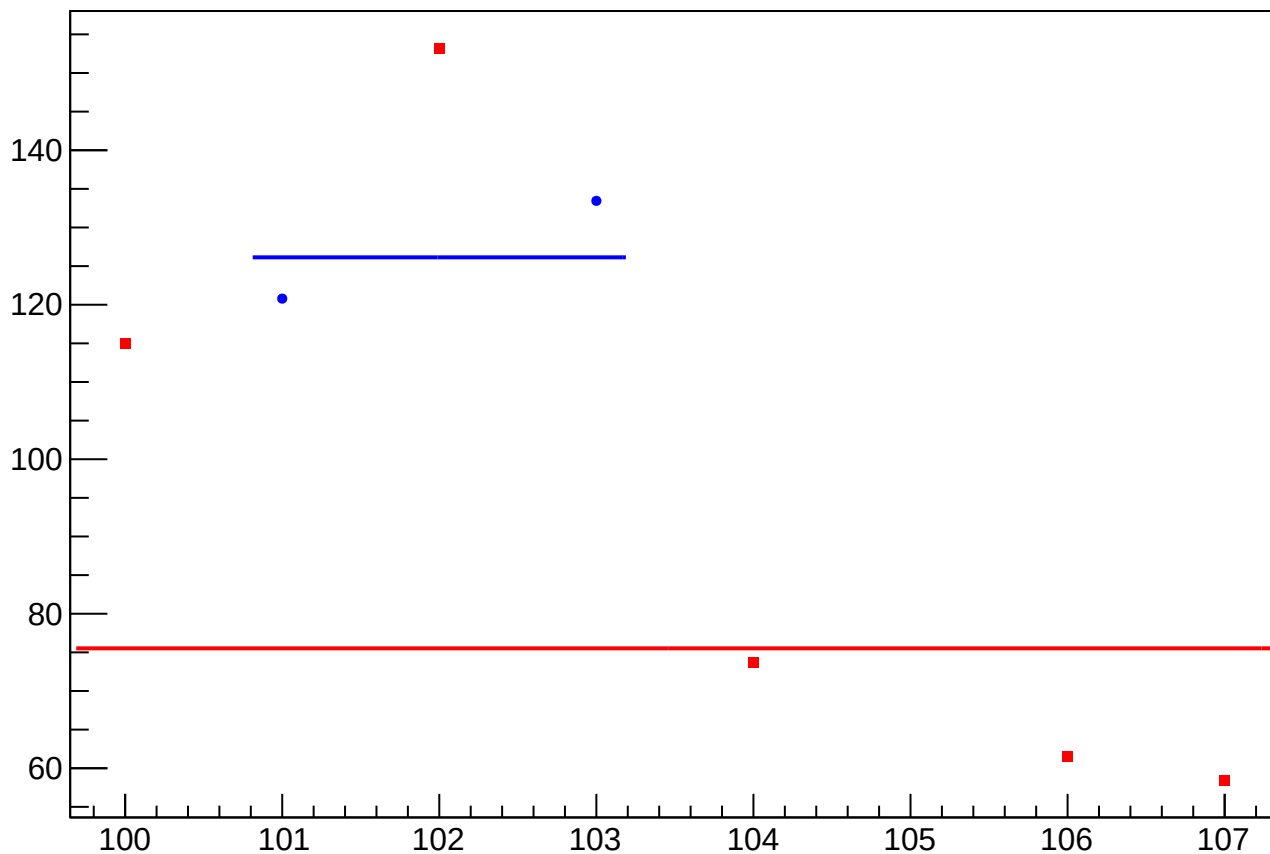
Right: -71.060 ± 55.196 χ^2/NDF : 6.9/6

In: -107.396 ± 114.766 χ^2/NDF : 0.3/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -71.060 ± 55.196 χ^2/NDF : 6.9/6

cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 126.136 $\pm$ 0.081 χ^2 /NDF: 5934.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 75.519 $\pm$ 0.045 χ^2 /NDF: 407886.8/4

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

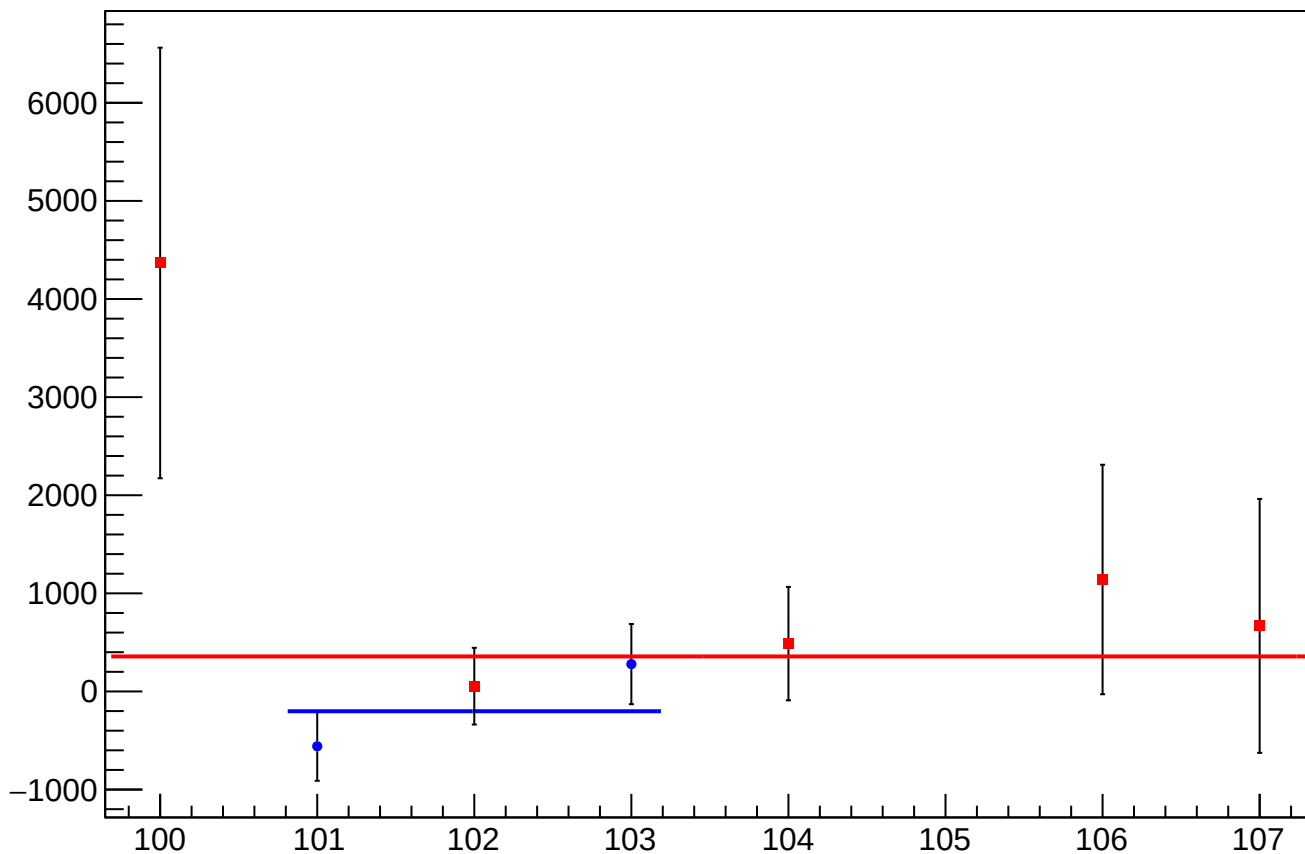
Right: 87.227 $\pm$ 0.039 χ^2 /NDF: 712874.3/6

In: 126.136 $\pm$ 0.081 χ^2 /NDF:5934.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 87.227 $\pm$ 0.039 χ^2 /NDF: 712874.3/6

asym_sam7_cor_correction_mean vs Slug, Sign Corrected



Right In: -201.778+/-266.805 χ^2/NDF : 2.4/1

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

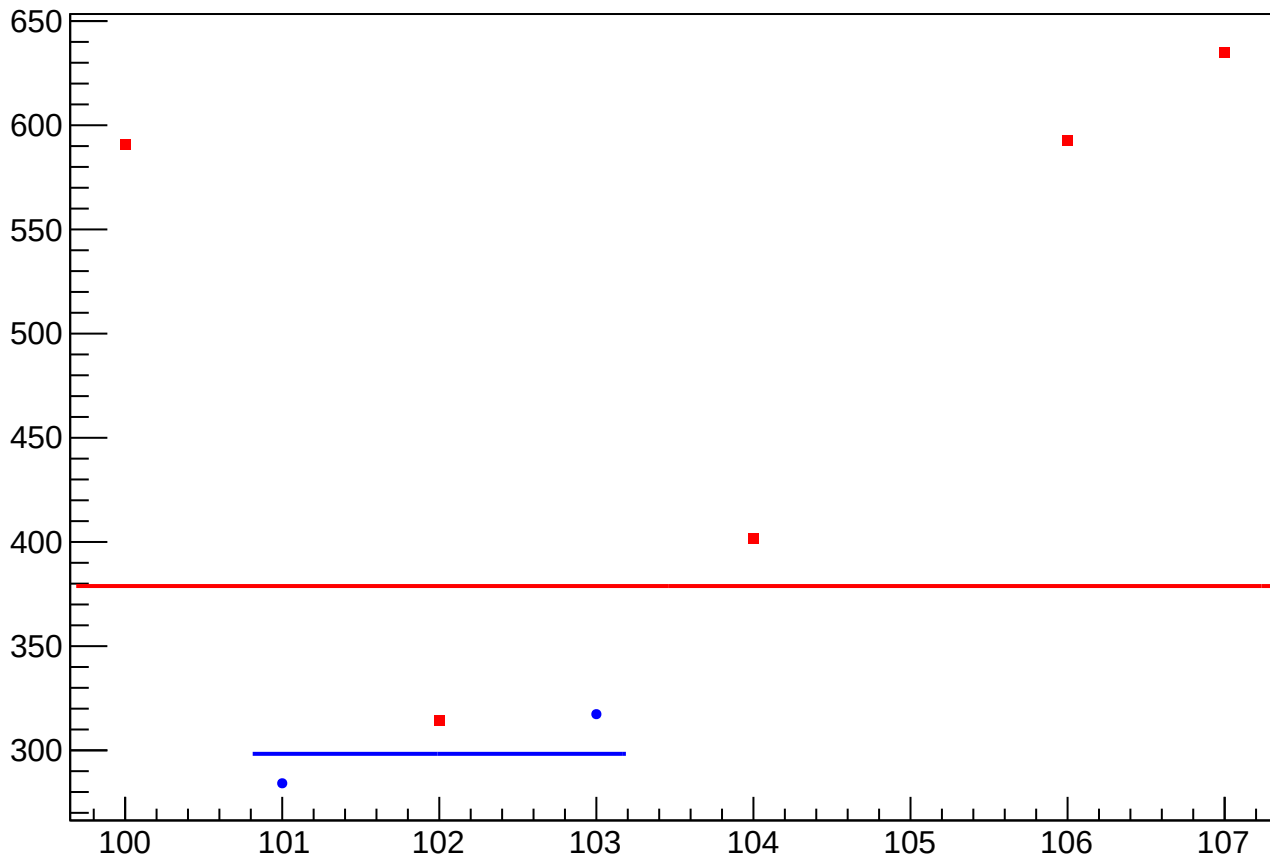
Right: 44.452+/-199.523 χ^2/NDF : 8.8/6

In: -201.778+/-266.805 χ^2/NDF : 2.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.452+/-199.523 χ^2/NDF : 8.8/6

asym_sam7_cor_correction_rms vs Slug, Sign Corrected



Right In: 298.322+/-0.189 χ^2/NDF : 7561.8/1

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

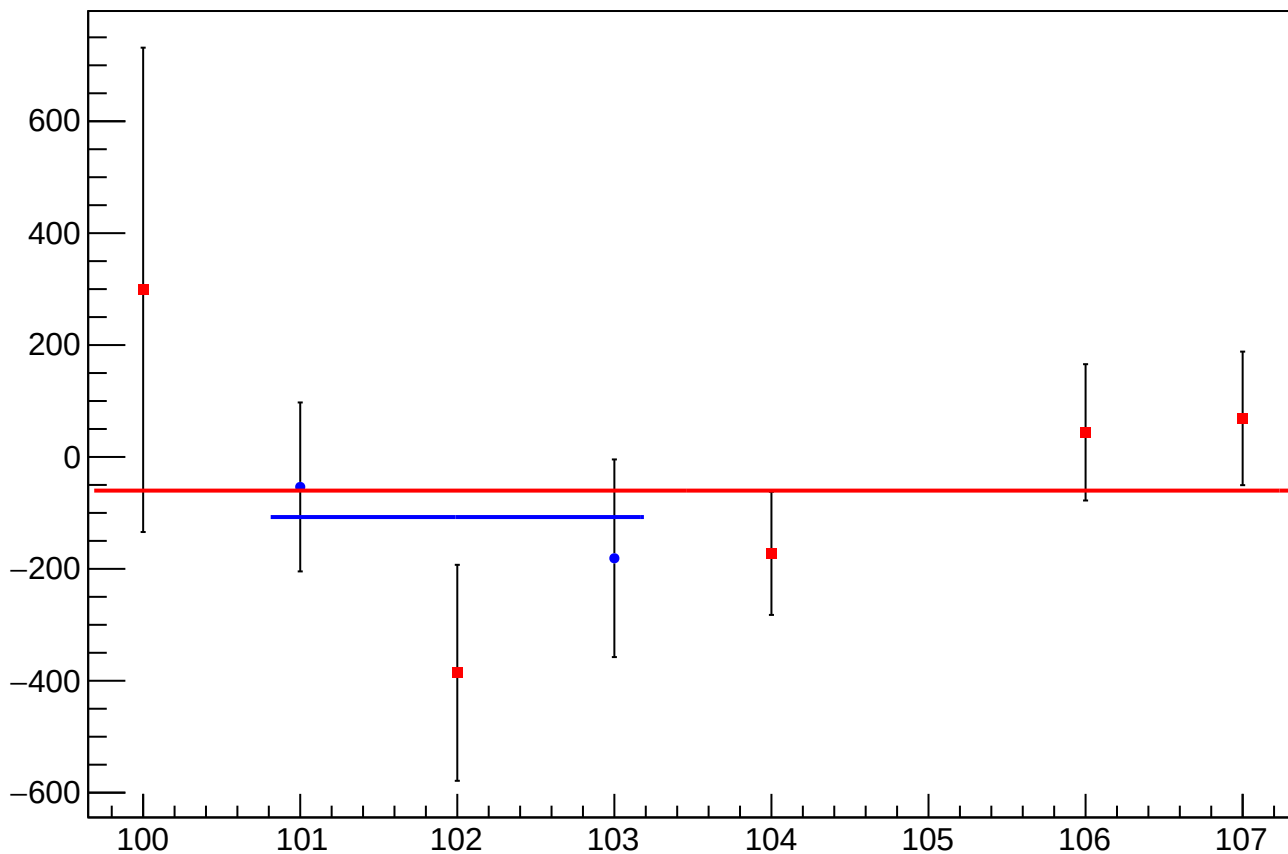
Right: 333.816+/-0.141 χ^2/NDF : 309012.3/6

In: 298.322+/-0.189 χ^2/NDF : 7561.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 333.816+/-0.141 χ^2/NDF : 309012.3/6

eigen_cor_asym_sam7_mean vs Slug, Sign Corrected



Right In: -107.396+/-114.766 χ^2/NDF : 0.3/1

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

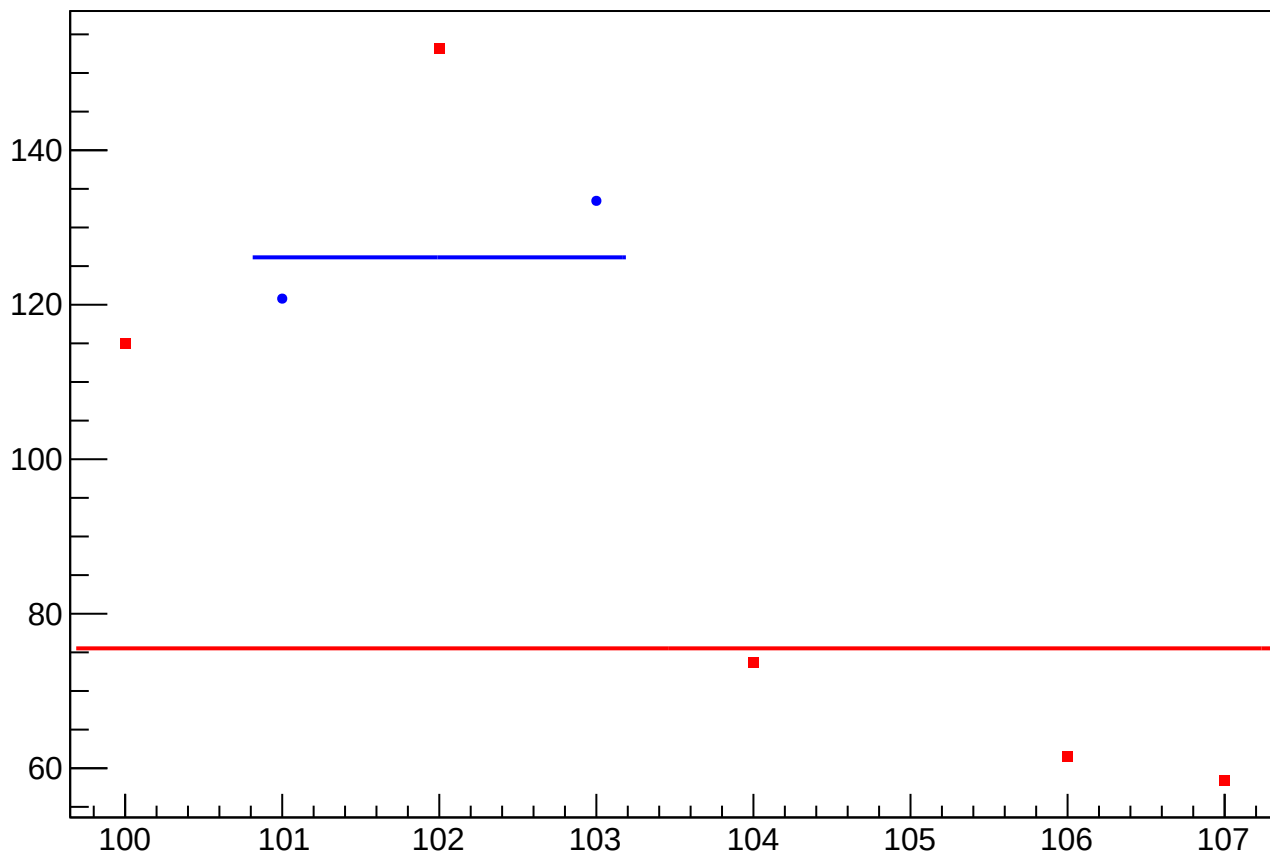
Right: -71.060+/-55.196 χ^2/NDF : 6.9/6

In: -107.396+/-114.766 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -71.060+/-55.196 χ^2/NDF : 6.9/6

eigen_cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 126.136 $\pm$ 0.081 χ^2 /NDF: 5934.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 75.519 $\pm$ 0.045 χ^2 /NDF: 407886.8/4

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

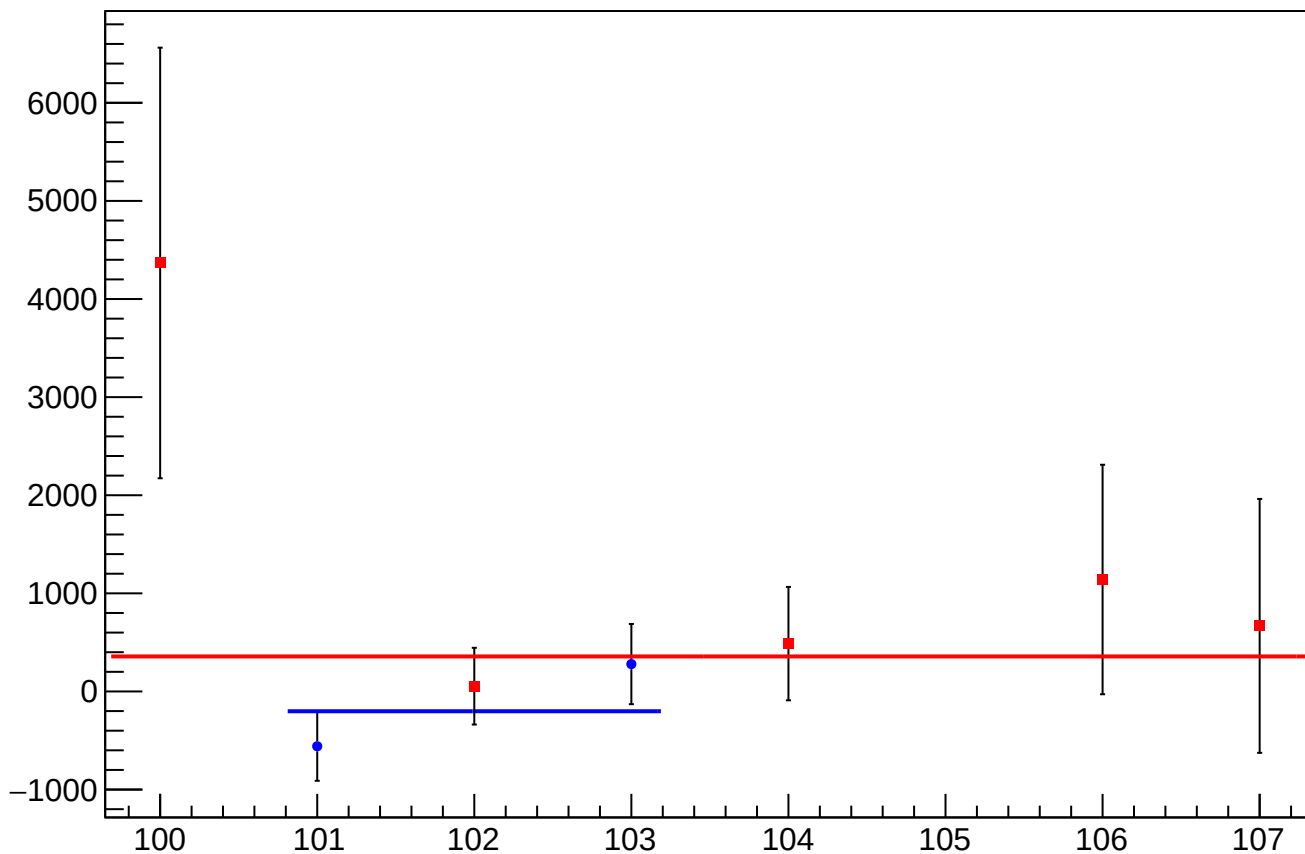
Right: 87.227 $\pm$ 0.039 χ^2 /NDF: 712874.3/6

In: 126.136 $\pm$ 0.081 χ^2 /NDF:5934.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 87.227 $\pm$ 0.039 χ^2 /NDF: 712874.3/6

asym_sam7_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -201.778+/-266.805 χ^2/NDF : 2.4/1

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

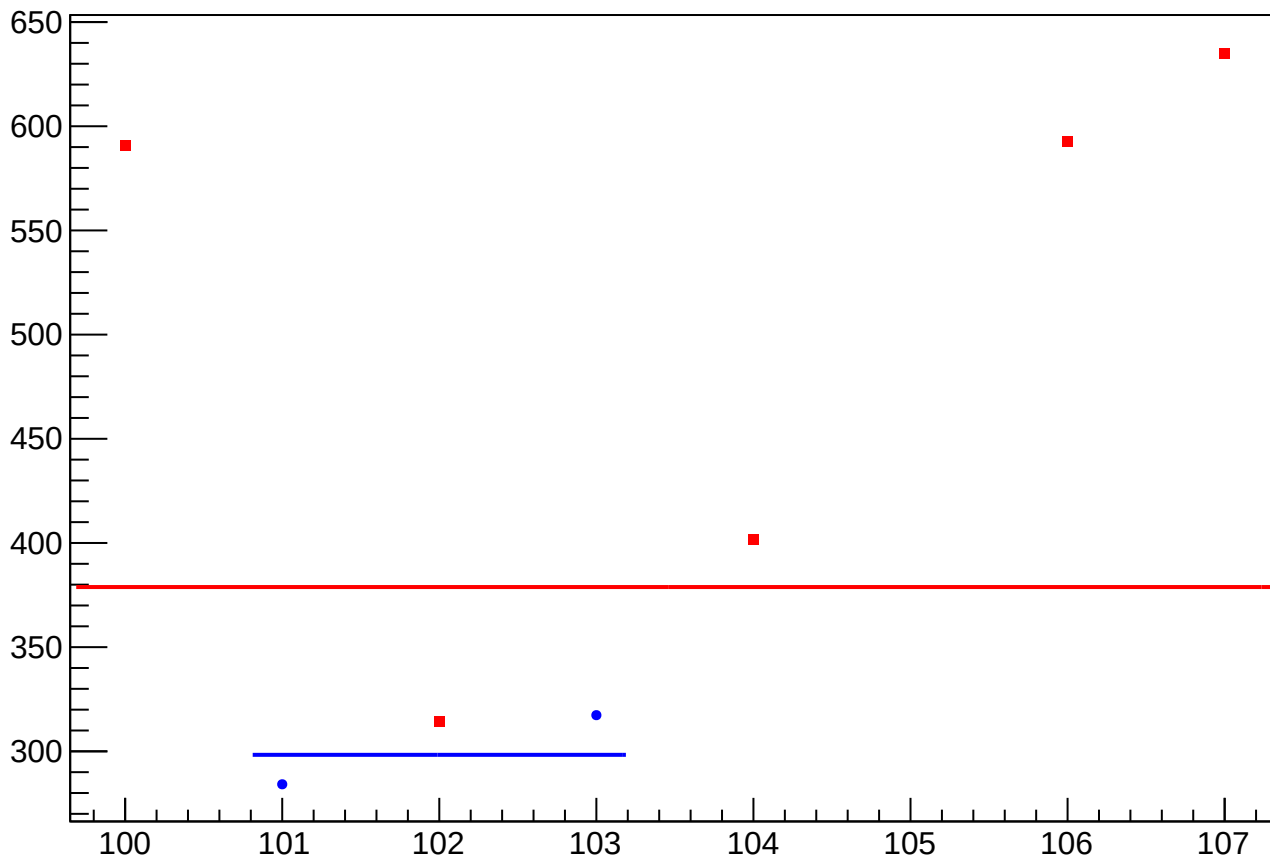
Right: 44.452+/-199.523 χ^2/NDF : 8.8/6

In: -201.778+/-266.805 χ^2/NDF : 2.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.452+/-199.523 χ^2/NDF : 8.8/6

asym_sam7_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 298.322+/-0.189 χ^2/NDF : 7561.8/1

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

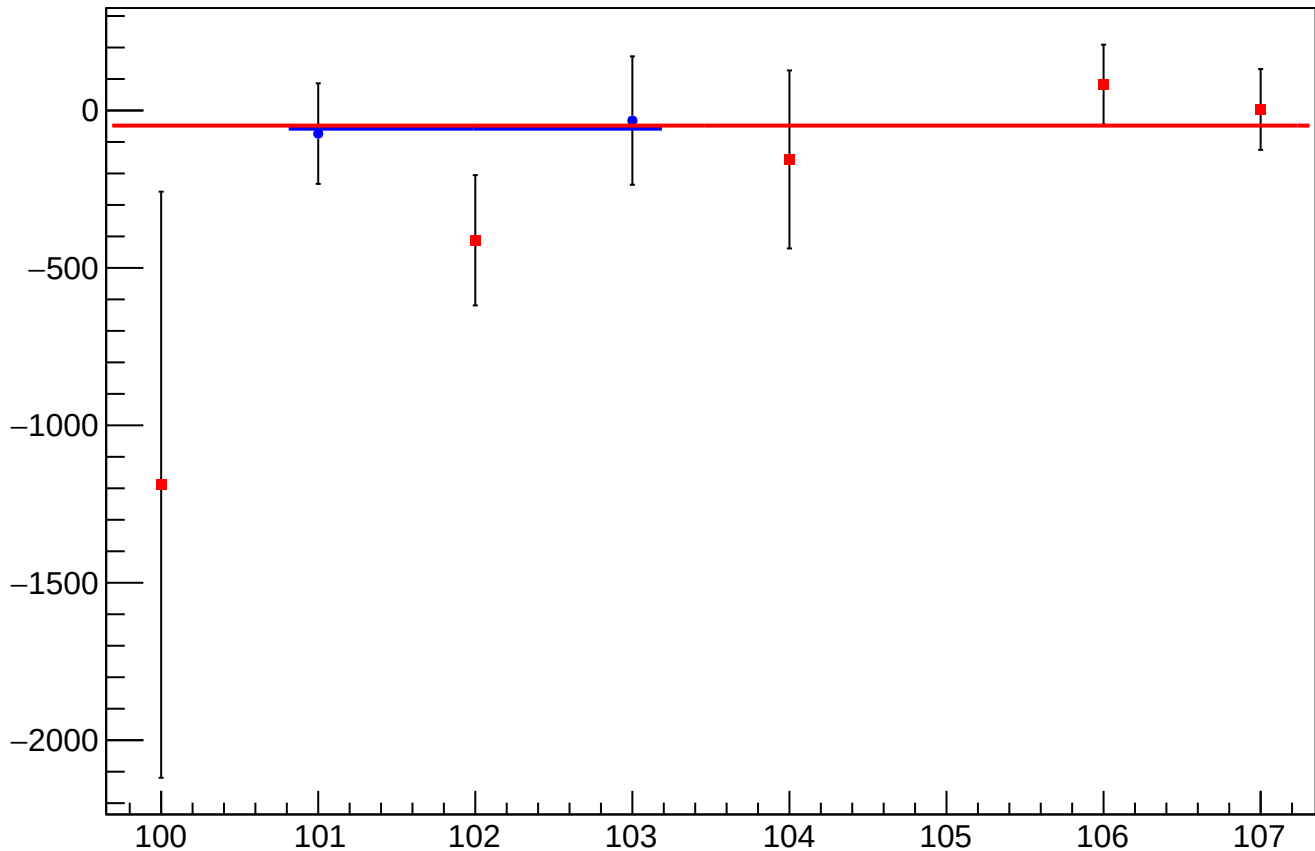
Right: 333.816+/-0.141 χ^2/NDF : 309012.3/6

In: 298.322+/-0.189 χ^2/NDF : 7561.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 333.816+/-0.141 χ^2/NDF : 309012.3/6

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.680+/-125.737 χ^2/NDF : 0.0/1

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

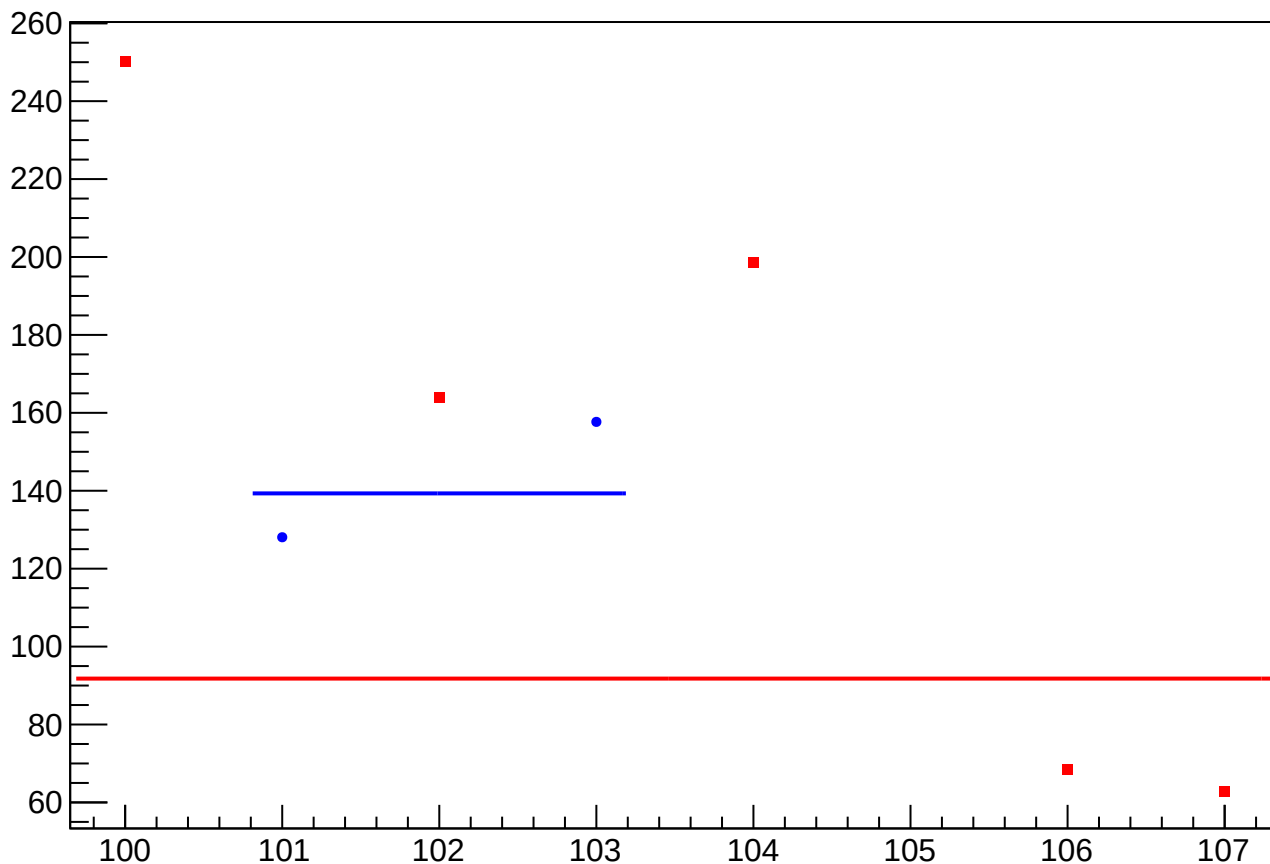
Right: -50.744+/-66.961 χ^2/NDF : 6.0/6

In: -57.680+/-125.737 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.744+/-66.961 χ^2/NDF : 6.0/6

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 139.322 $\pm$ 0.089 χ^2 /NDF: 26142.7/1

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

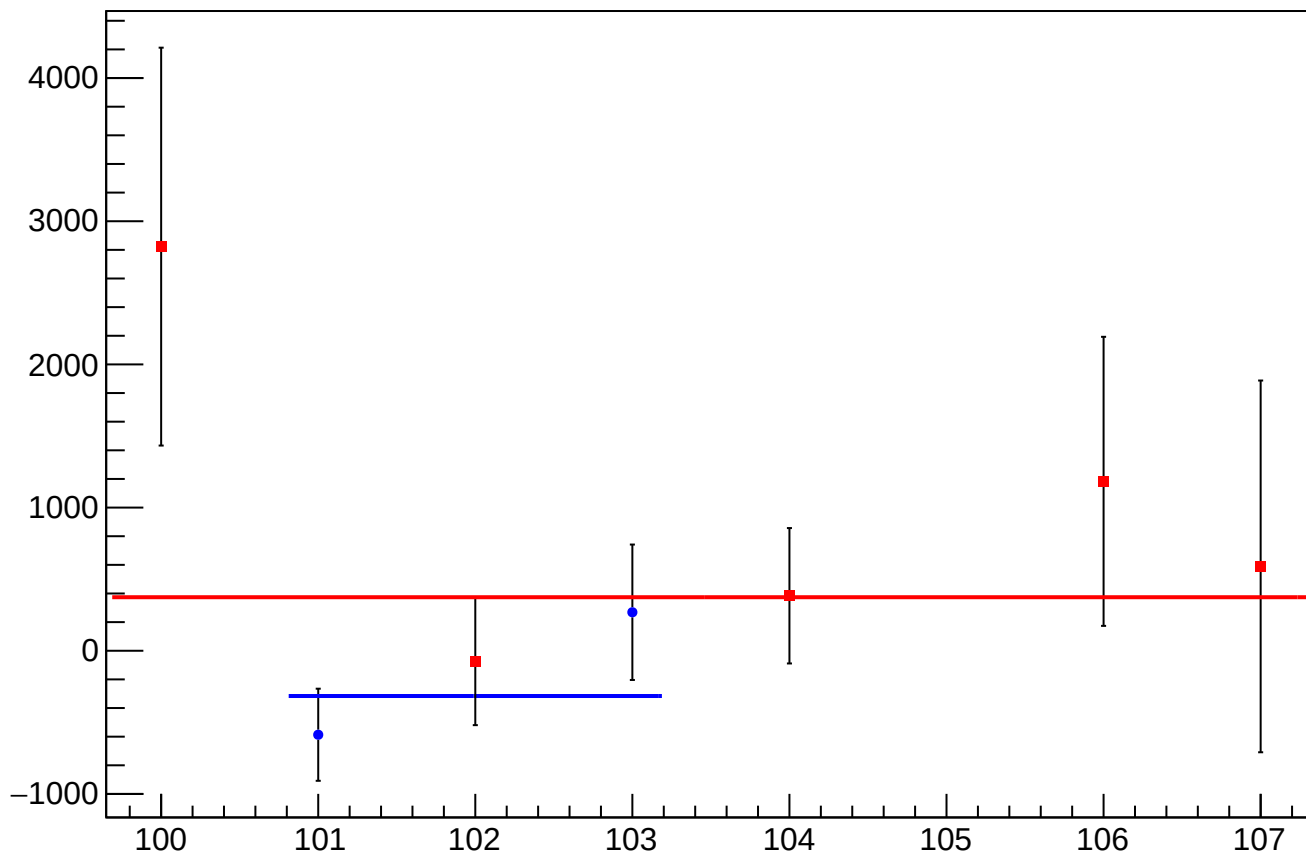
Right: 105.267 $\pm$ 0.047 χ^2 /NDF: 987240.6/6

In: 139.322 $\pm$ 0.089 χ^2 /NDF:26142.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 105.267 $\pm$ 0.047 χ^2 /NDF: 987240.6/6

asym_sam7_dit_correction_mean vs Slug, Sign Corrected



Right In: -316.058+/-265.955 χ^2/NDF : 2.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 373.949+/-293.967 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

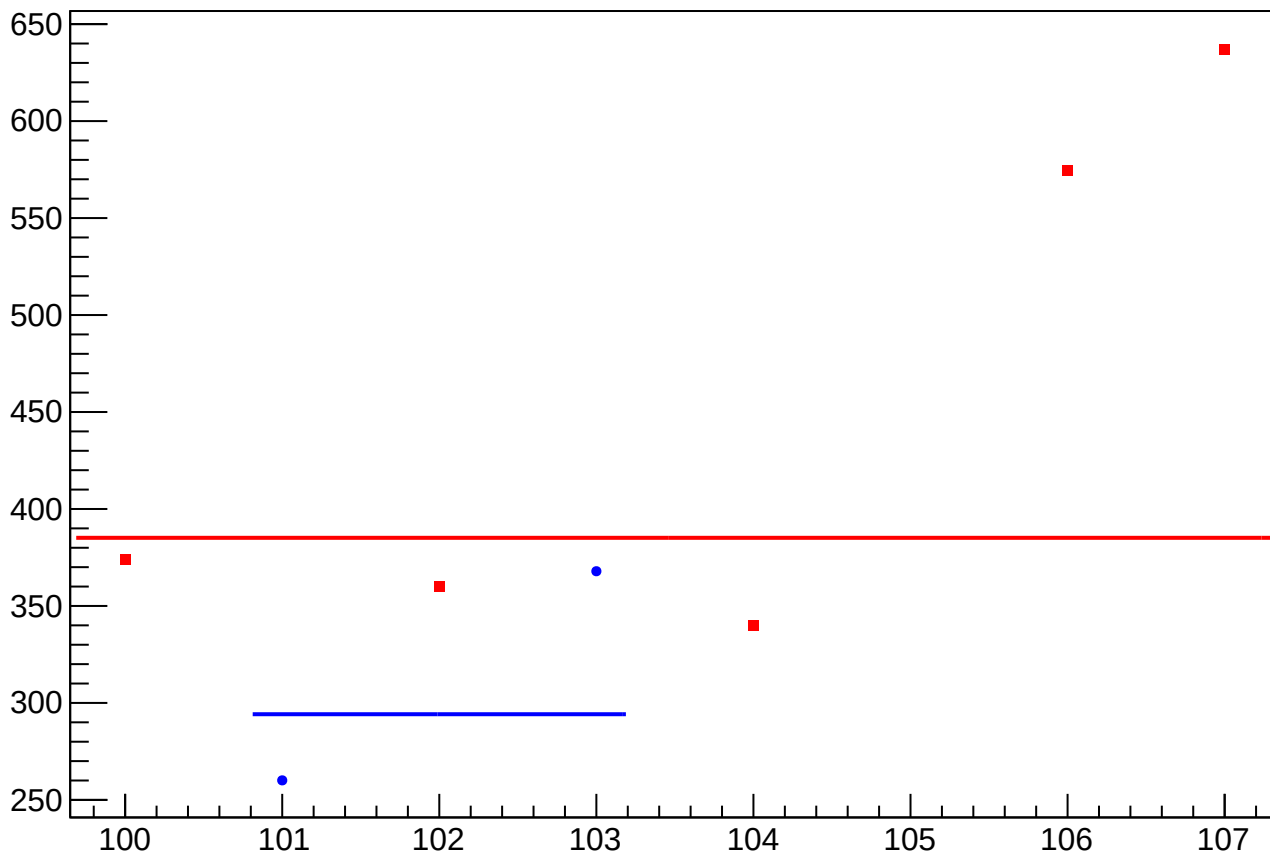
Right: -5.488+/-197.220 χ^2/NDF : 10.0/6

In: -316.058+/-265.955 χ^2/NDF : 2.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.488+/-197.220 χ^2/NDF : 10.0/6

asym_sam7_dit_correction_rms vs Slug, Sign Corrected



Right In: 294.177 ± 0.188 $\chi^2/\text{NDF}: 71091.6/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 385.134 ± 0.208 $\chi^2/\text{NDF}: 170604.0/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

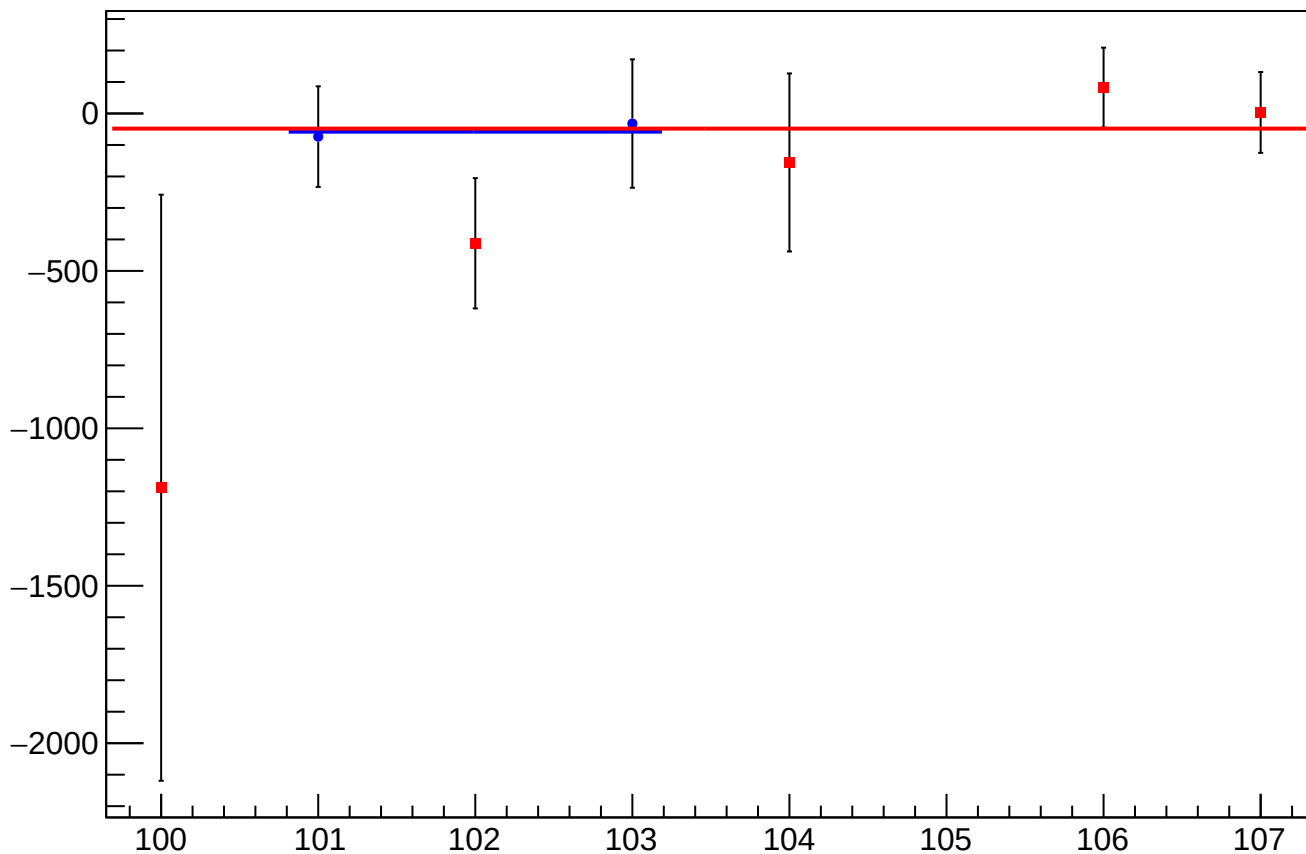
Right: 335.117 ± 0.139 $\chi^2/\text{NDF}: 346985.7/6$

In: 294.177 ± 0.188 $\chi^2/\text{NDF}: 71091.6/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 335.117 ± 0.139 $\chi^2/\text{NDF}: 346985.7/6$

eigen_dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.679 $\pm$ 125.737 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -47.999 $\pm$ 79.113 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

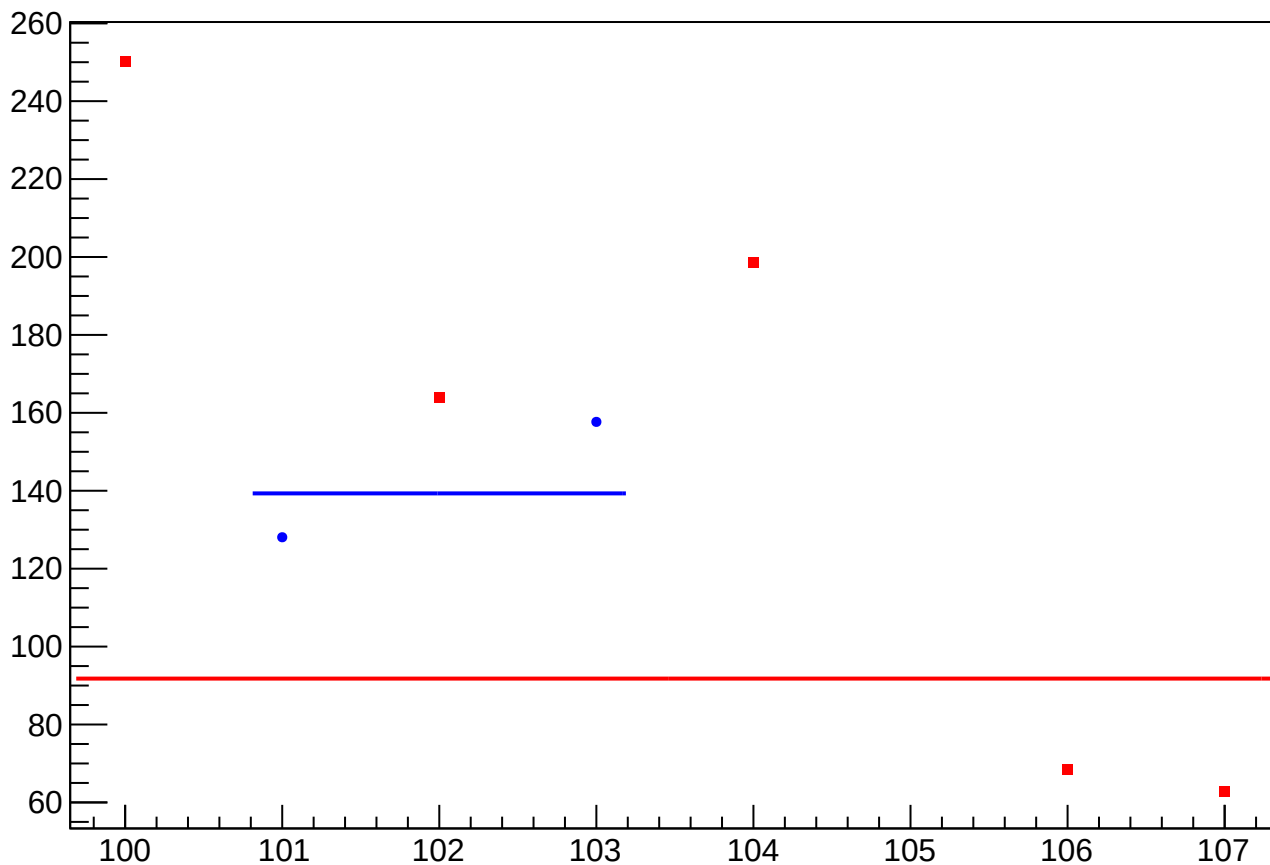
Right: -50.744 $\pm$ 66.961 χ^2 /NDF: 6.0/6

In: -57.679 $\pm$ 125.737 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -50.744 $\pm$ 66.961 χ^2 /NDF: 6.0/6

eigen_dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 139.322 $\pm$ 0.089 χ^2 /NDF: 26142.3/1

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

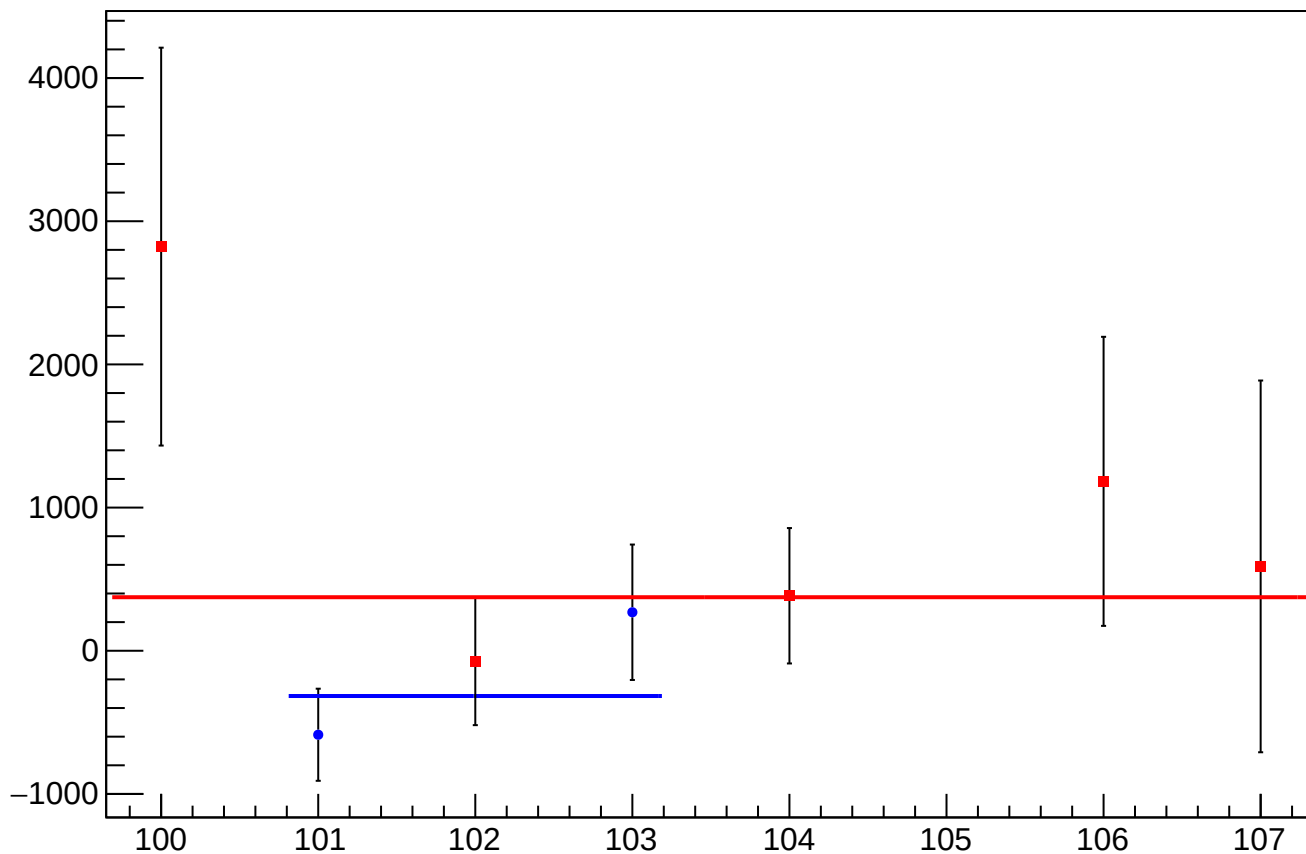
Right: 105.267 $\pm$ 0.047 χ^2 /NDF: 987238.6/6

In: 139.322 $\pm$ 0.089 χ^2 /NDF: 26142.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 105.267 $\pm$ 0.047 χ^2 /NDF: 987238.6/6

asym_sam7_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -316.058+/-265.954 χ^2/NDF : 2.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 373.949+/-293.967 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

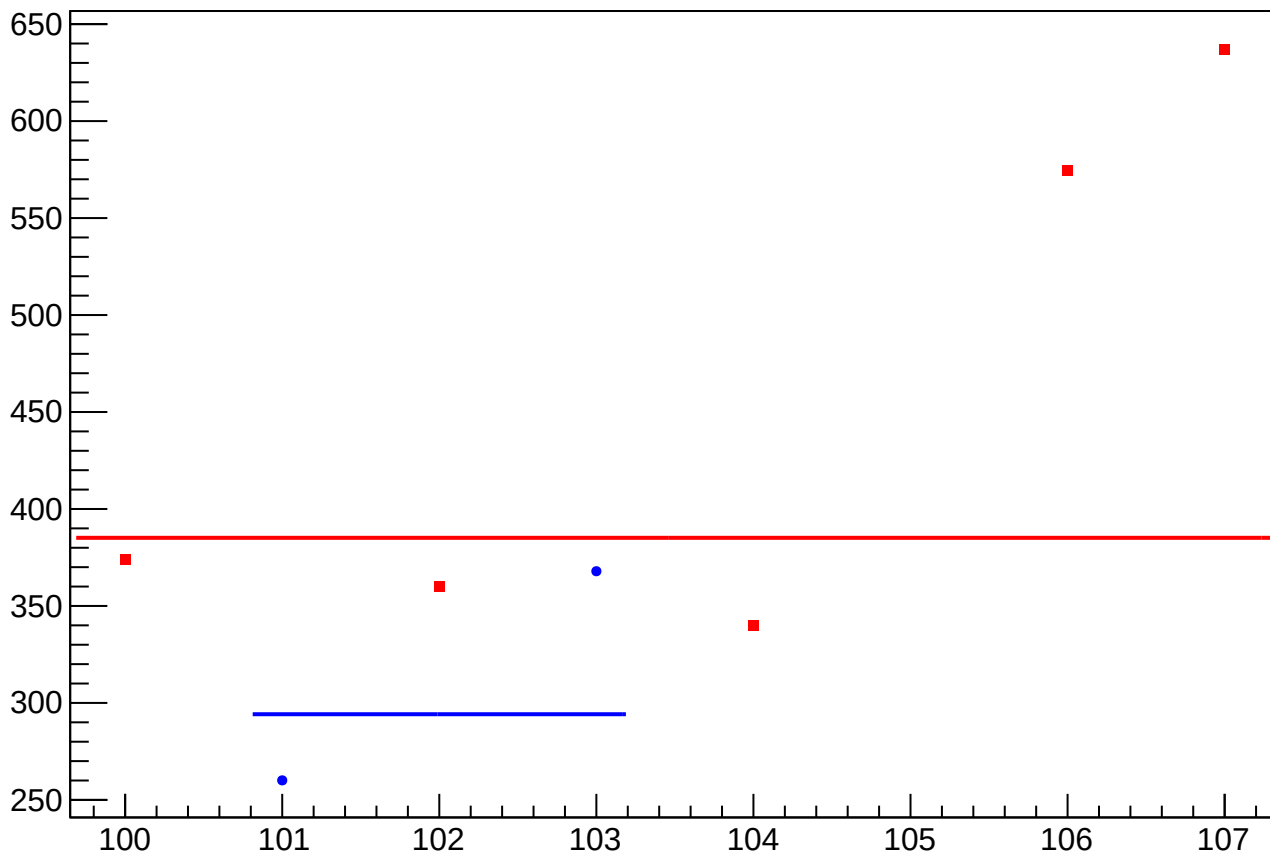
Right: -5.488+/-197.220 χ^2/NDF : 10.0/6

In: -316.058+/-265.954 χ^2/NDF : 2.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.488+/-197.220 χ^2/NDF : 10.0/6

asym_sam7_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 294.177+/-0.188 χ^2/NDF : 71092.5/1

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

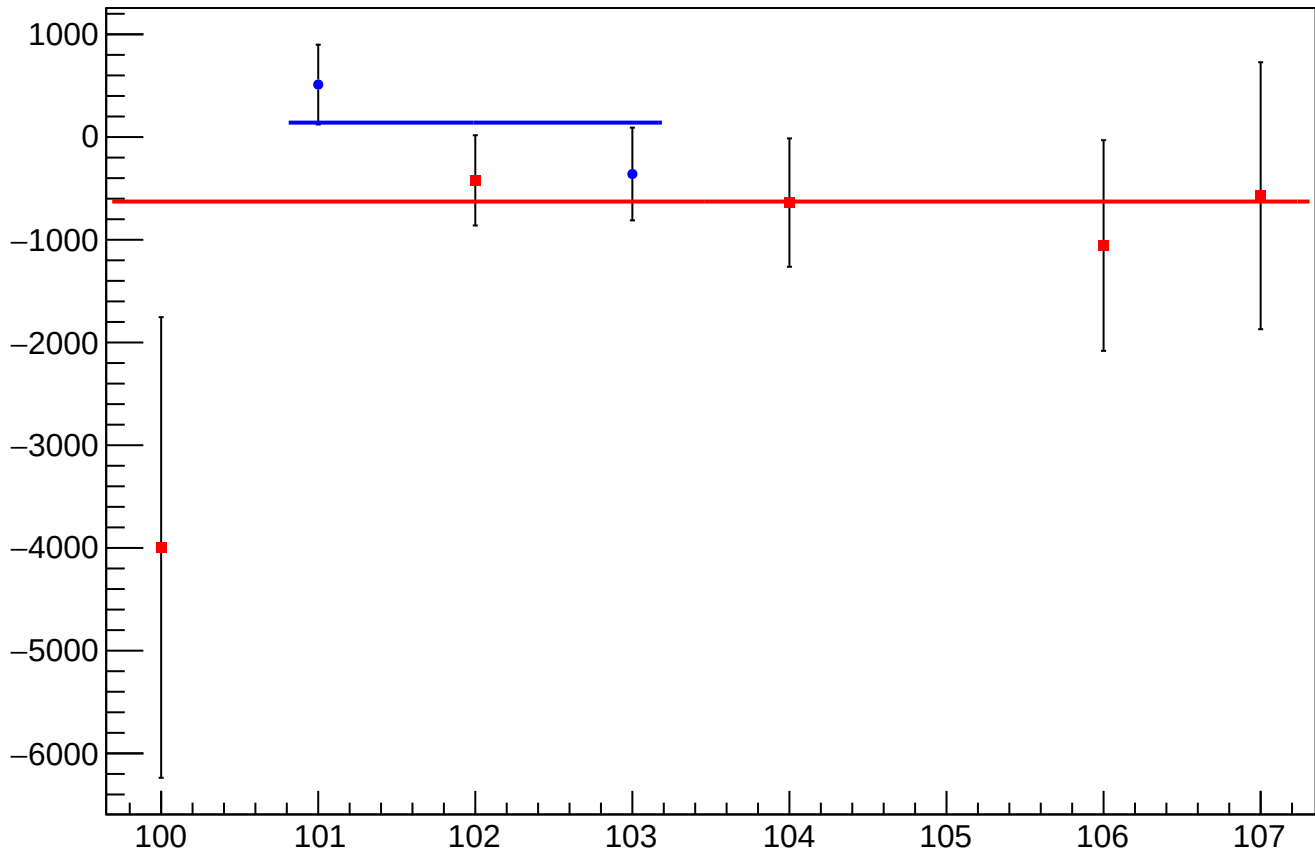
Right: 335.116+/-0.139 χ^2/NDF : 346987.1/6

In: 294.177+/-0.188 χ^2/NDF : 71092.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 335.116+/-0.139 χ^2/NDF : 346987.1/6

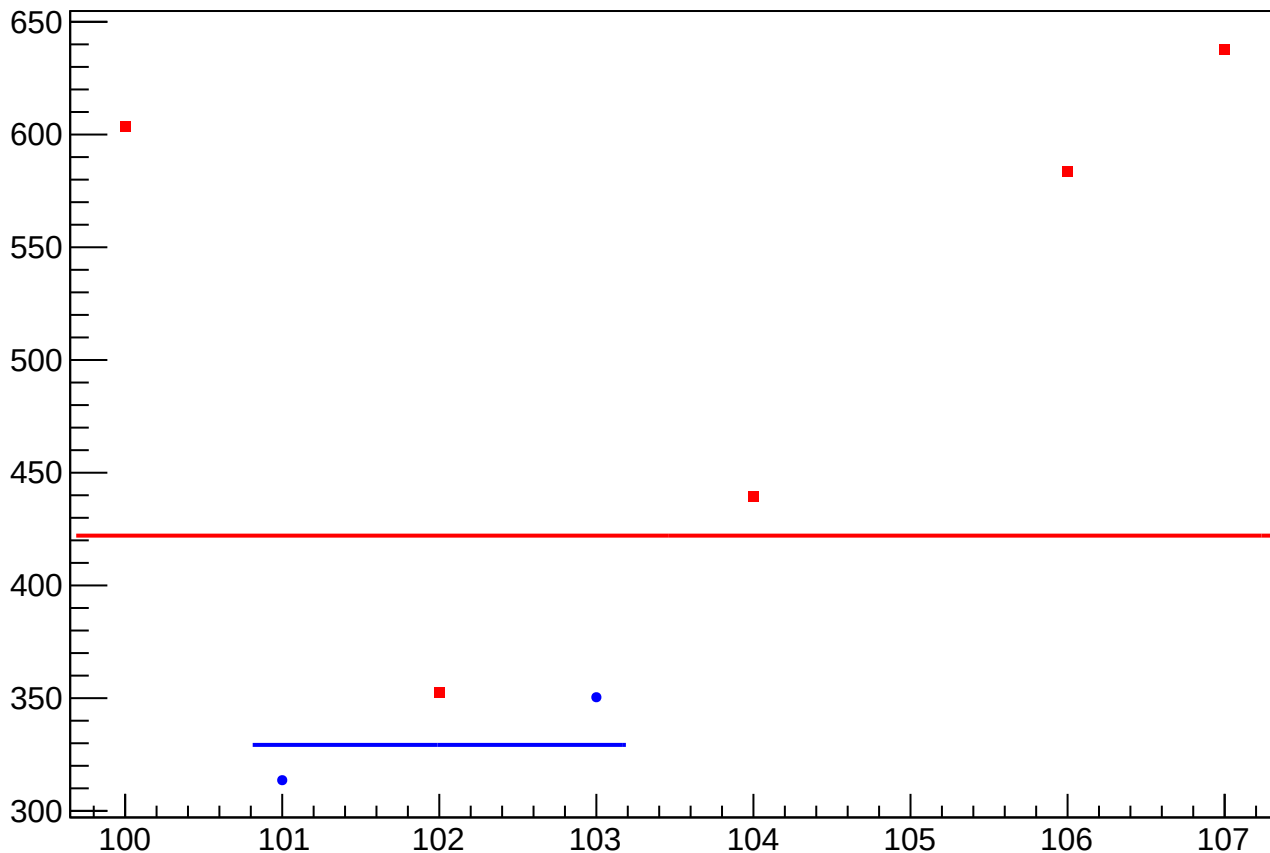
asym_sam7_mean vs Slug, Sign Corrected



Right In: 140.569+/-294.374 χ^2/NDF : 2.1/1
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: -206.129+/-218.074 χ^2/NDF : 7.9/6
In: 140.569+/-294.374 χ^2/NDF : 2.1/1
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -206.129+/-218.074 χ^2/NDF : 7.9/6

asym_sam7_rms vs Slug, Sign Corrected



Right In: 329.273+/-0.208 χ^2/NDF : 7636.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 422.096+/-0.230 χ^2/NDF : 169420.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

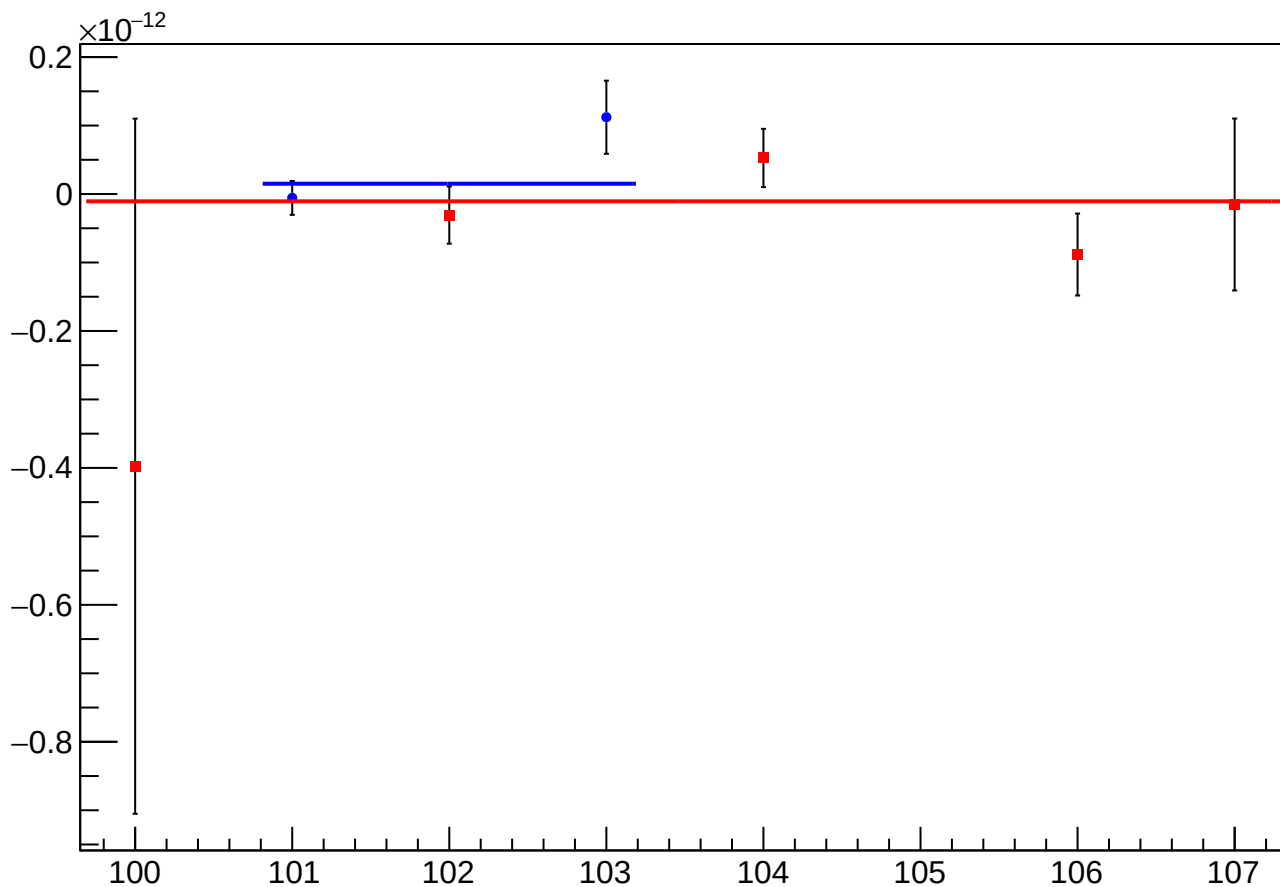
Right: 371.156+/-0.154 χ^2/NDF : 266783.5/6

In: 329.273+/-0.208 χ^2/NDF : 7636.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 371.156+/-0.154 χ^2/NDF : 266783.5/6

asym_sam7_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.0/1

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

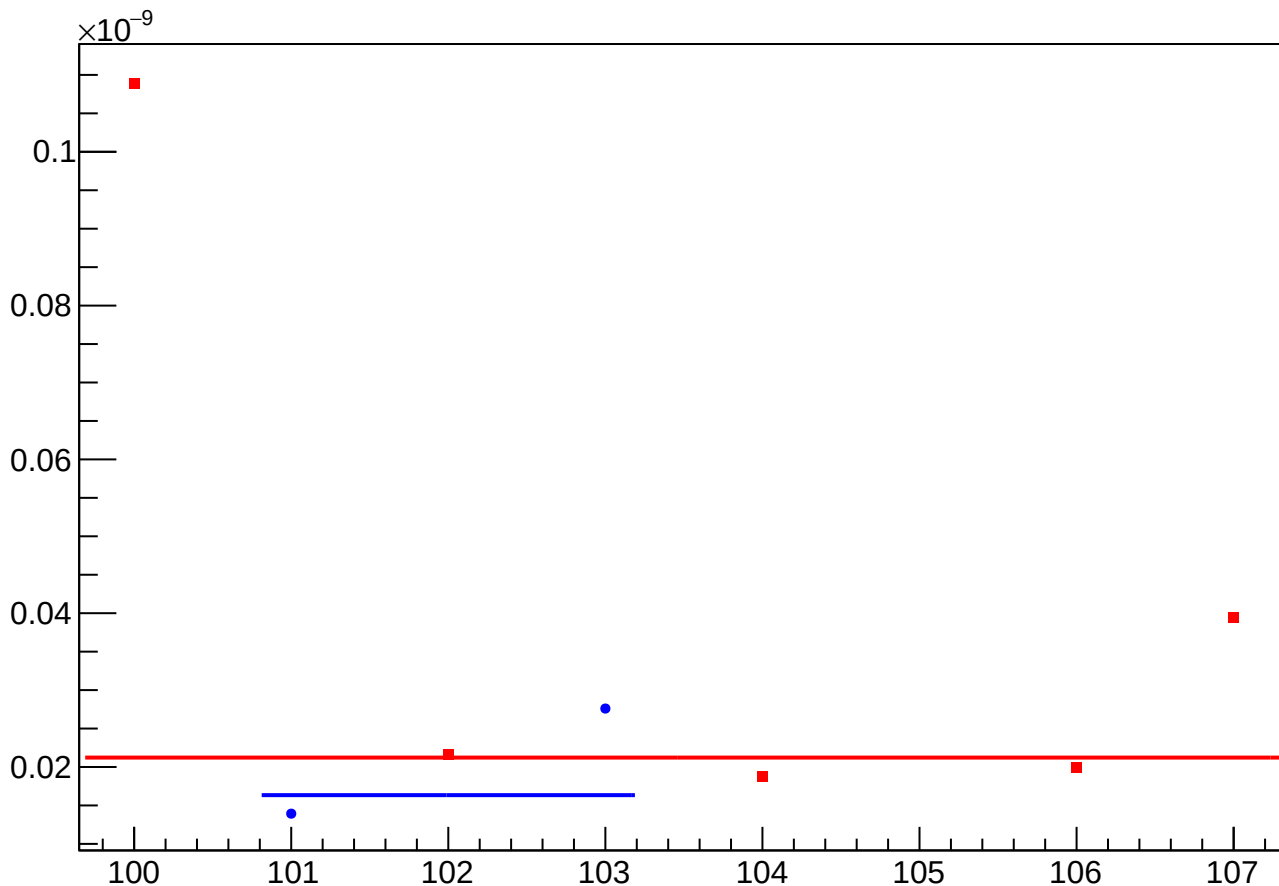
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.3/6

In: 0.000 $\pm$ 0.000 χ^2 /NDF:4.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.3/6

asym_sam7_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 108004.6/1

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

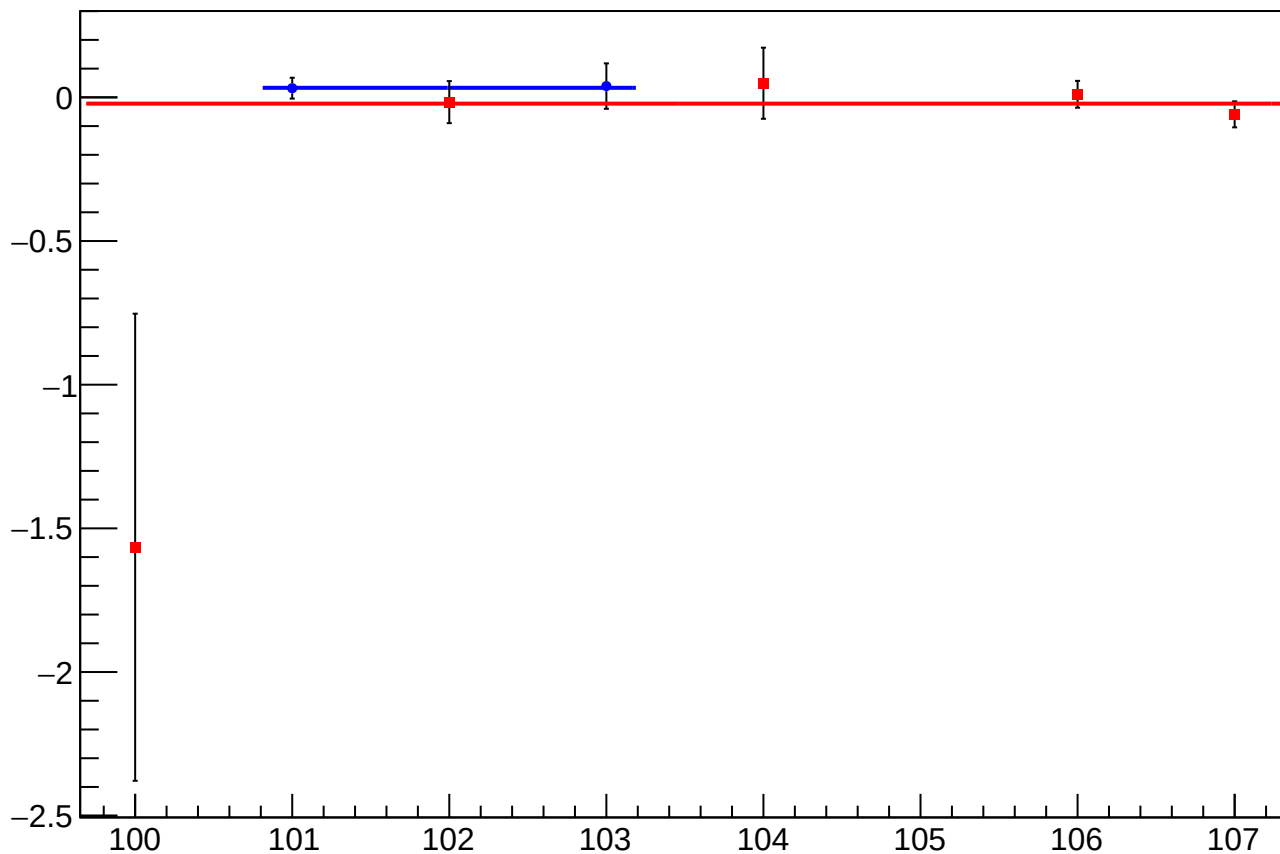
Right: 0.000+/-0.000 χ^2/NDF : 258147.1/6

In: 0.000+/-0.000 χ^2/NDF : 108004.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 258147.1/6

asym_sam7_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.033 χ^2/NDF : 0.0/1

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

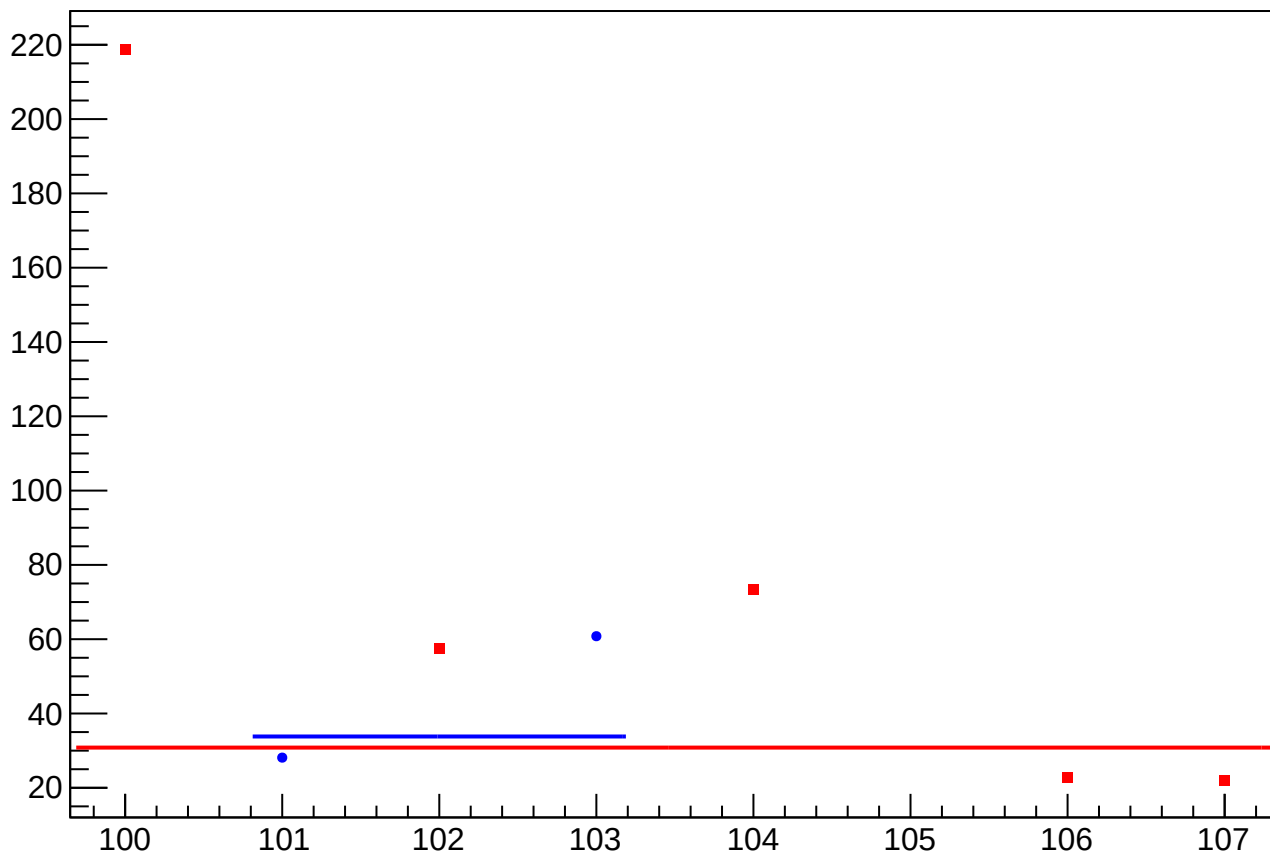
Right: 0.002+/-0.022 χ^2/NDF : 6.7/6

In: 0.033+/-0.033 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.022 χ^2/NDF : 6.7/6

asym_sam7_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.811 $\pm$ 0.023 χ^2 /NDF: 282772.2/1

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

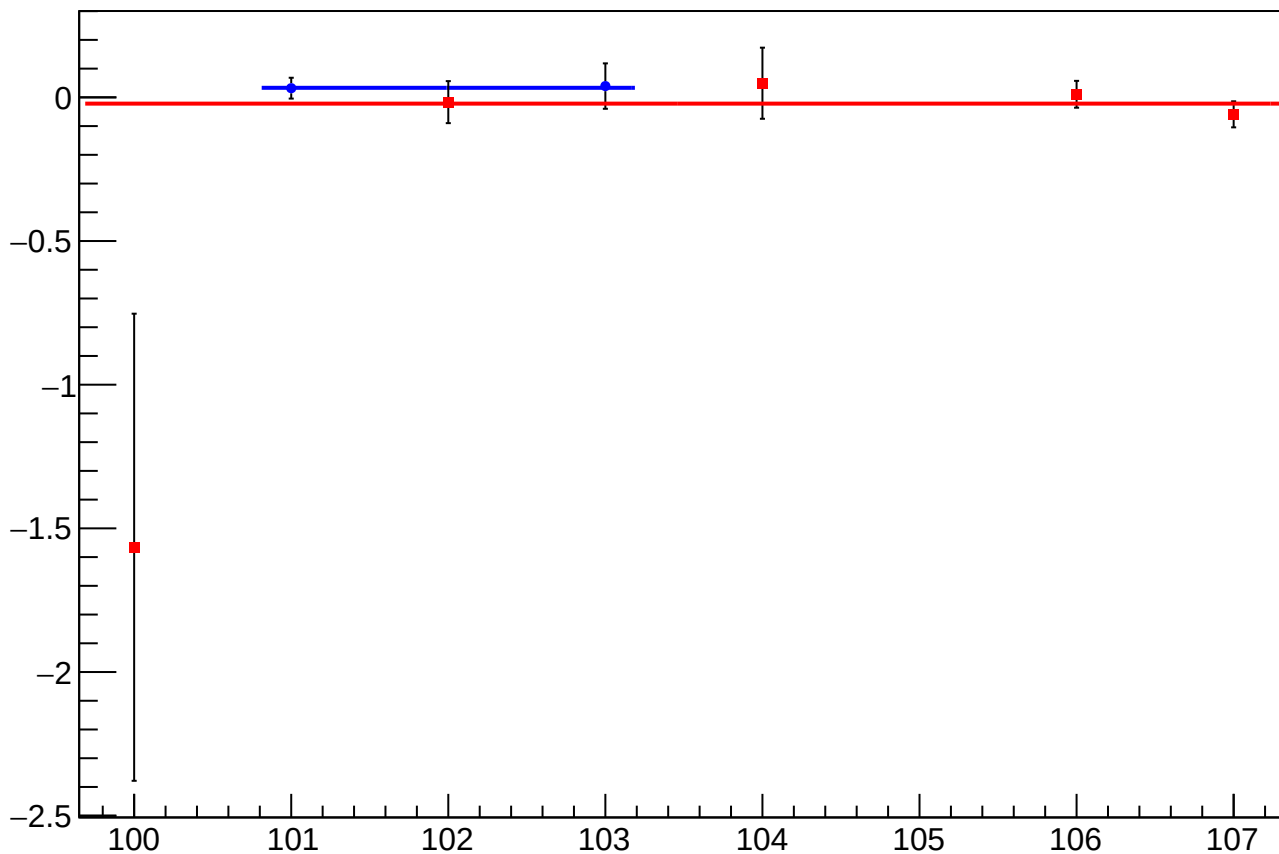
Right: 32.120 $\pm$ 0.015 χ^2 /NDF: 1037703.6/6

In: 33.811 $\pm$ 0.023 χ^2 /NDF: 282772.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 32.120 $\pm$ 0.015 χ^2 /NDF: 1037703.6/6

asym_sam7_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.033 χ^2/NDF : 0.0/1

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

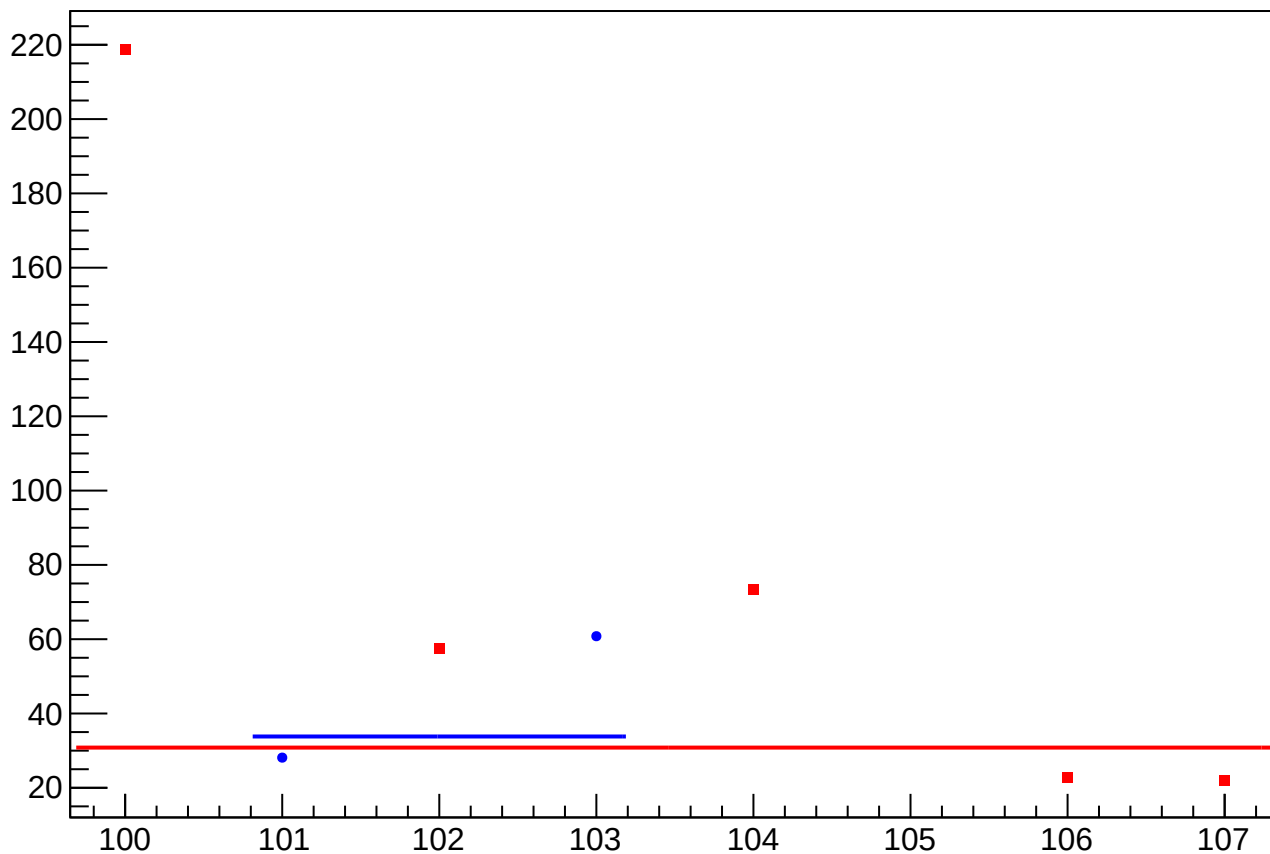
Right: 0.002+/-0.022 χ^2/NDF : 6.7/6

In: 0.033+/-0.033 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.022 χ^2/NDF : 6.7/6

asym_sam7_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.811+/-0.023 χ^2/NDF : 282772.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.823+/-0.020 χ^2/NDF : 745633.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

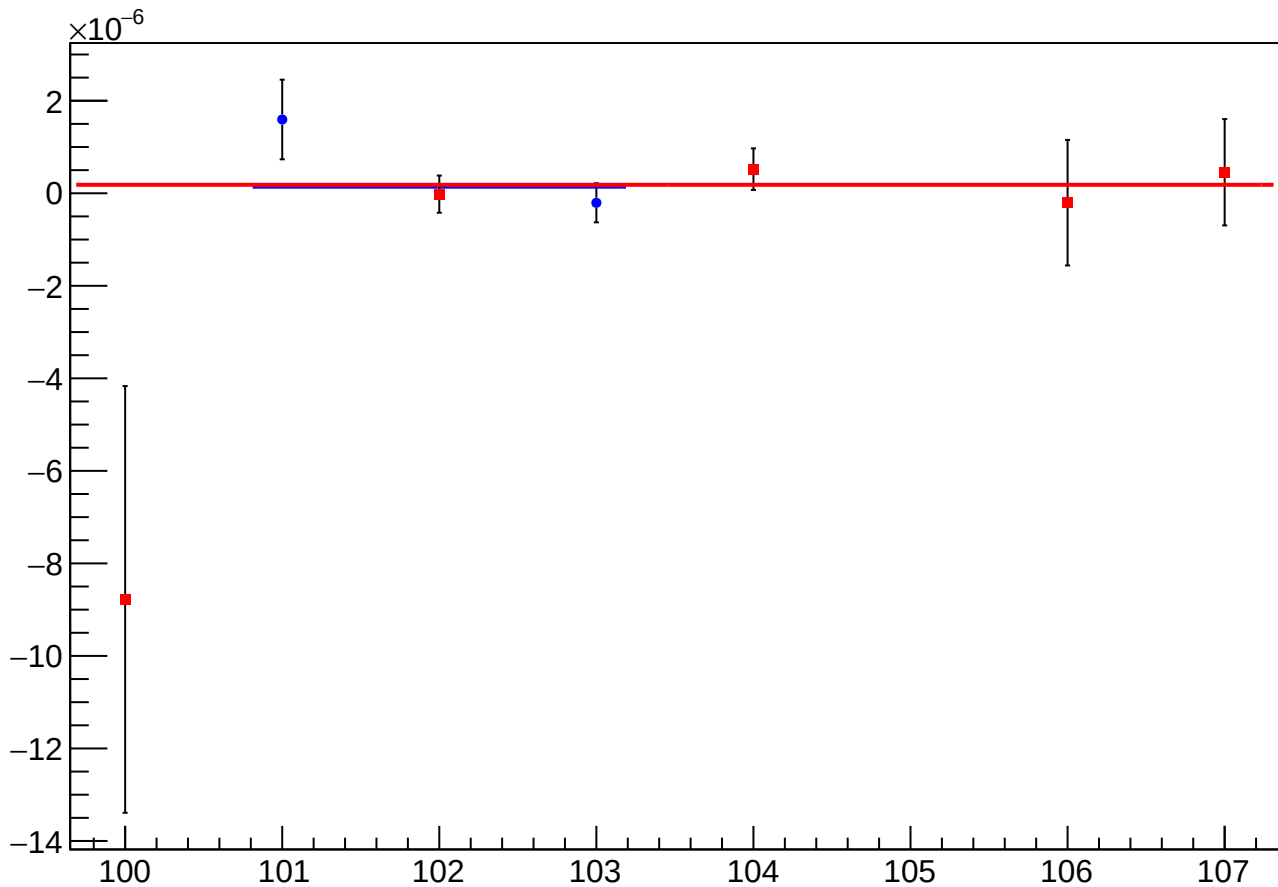
Right: 32.120+/-0.015 χ^2/NDF : 1037703.6/6

In: 33.811+/-0.023 χ^2/NDF : 282772.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.120+/-0.015 χ^2/NDF : 1037703.6/6

asym_sam7_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 3.5/1

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

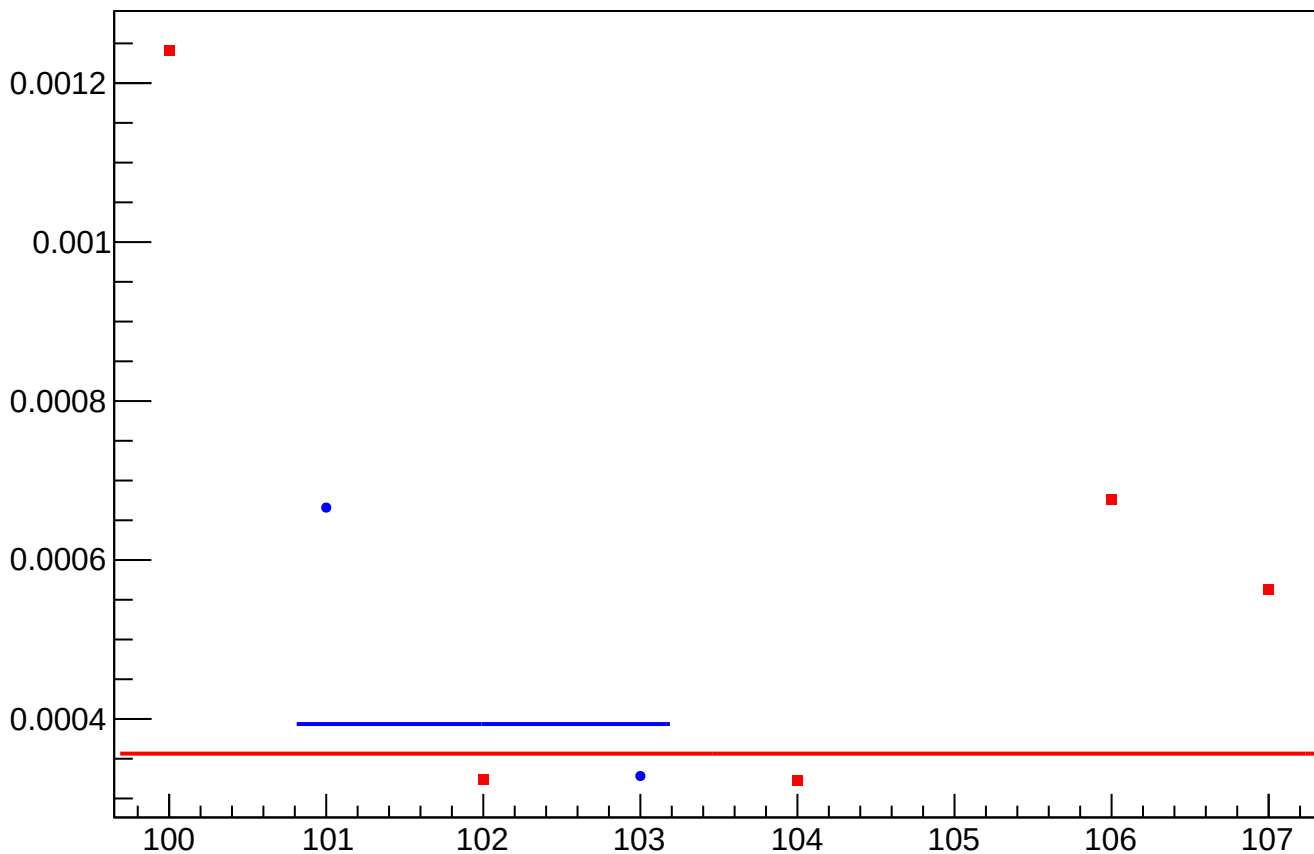
Right: 0.000+/-0.000 χ^2 /NDF: 8.3/6

In: 0.000+/-0.000 χ^2 /NDF: 3.5/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 8.3/6

asym_sam7_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 248214.0/1

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

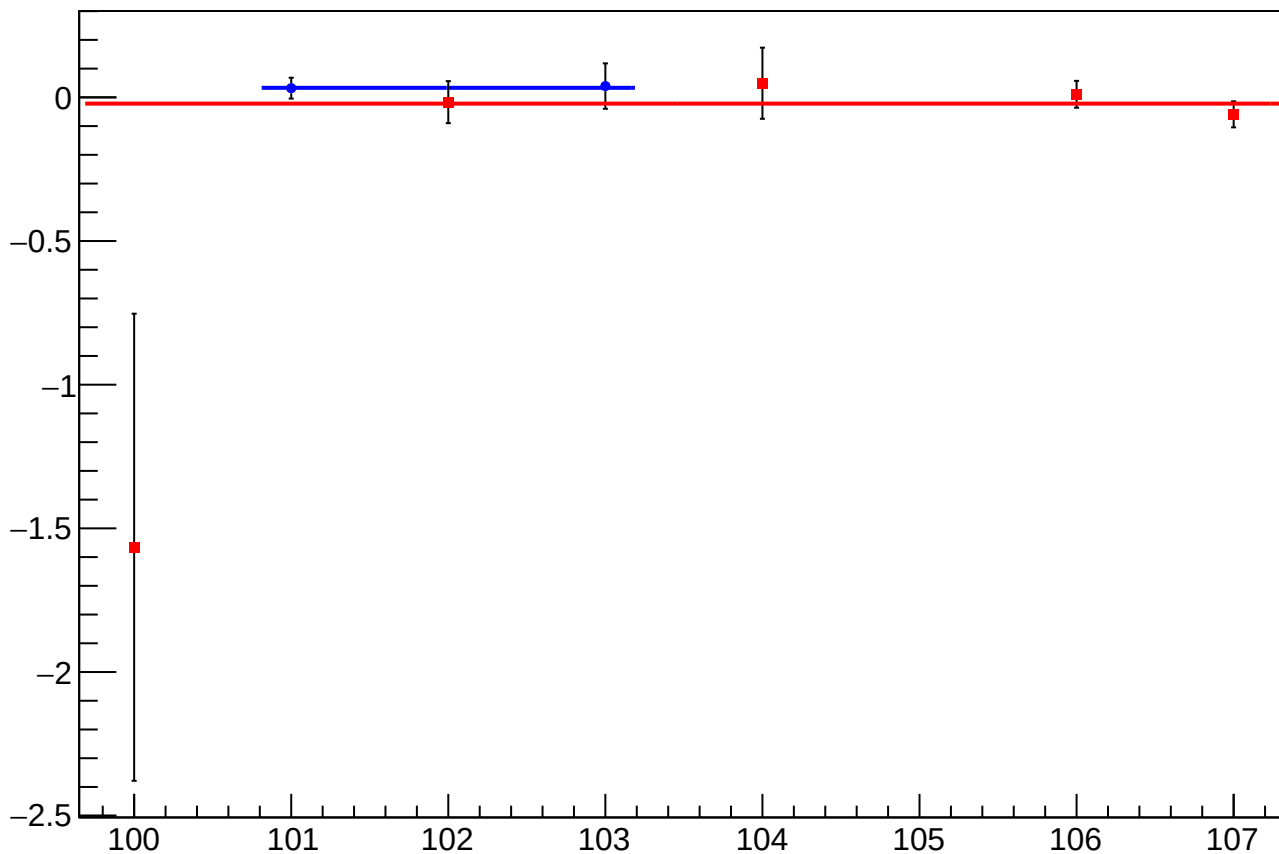
Right: 0.000+/-0.000 χ^2/NDF : 534630.0/6

In: 0.000+/-0.000 χ^2/NDF : 248214.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 534630.0/6

asym_sam7_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.033 χ^2/NDF : 0.0/1

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

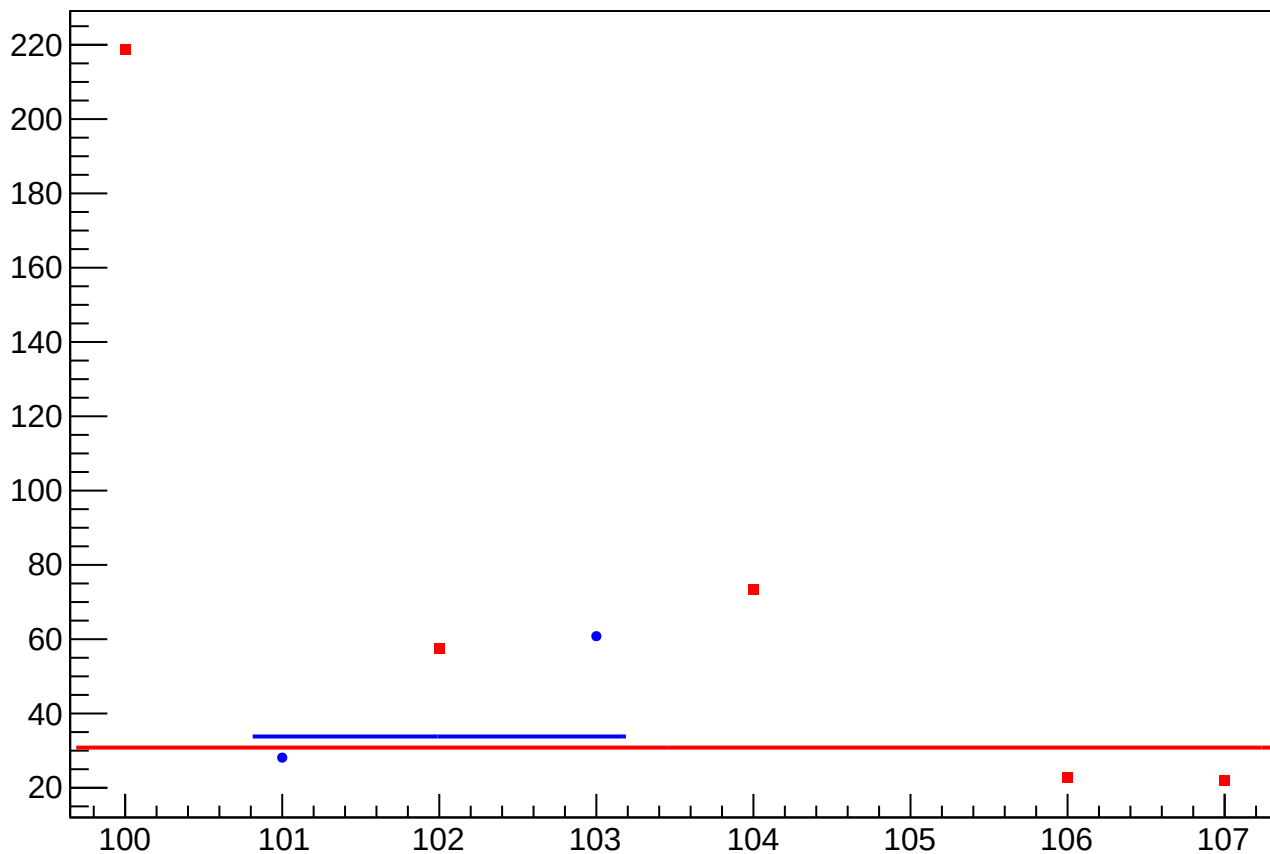
Right: 0.002+/-0.022 χ^2/NDF : 6.7/6

In: 0.033+/-0.033 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.022 χ^2/NDF : 6.7/6

asym_sam7_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.812 $\pm$ 0.023 χ^2 /NDF: 282757.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 30.823 $\pm$ 0.020 χ^2 /NDF: 745622.3/4

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

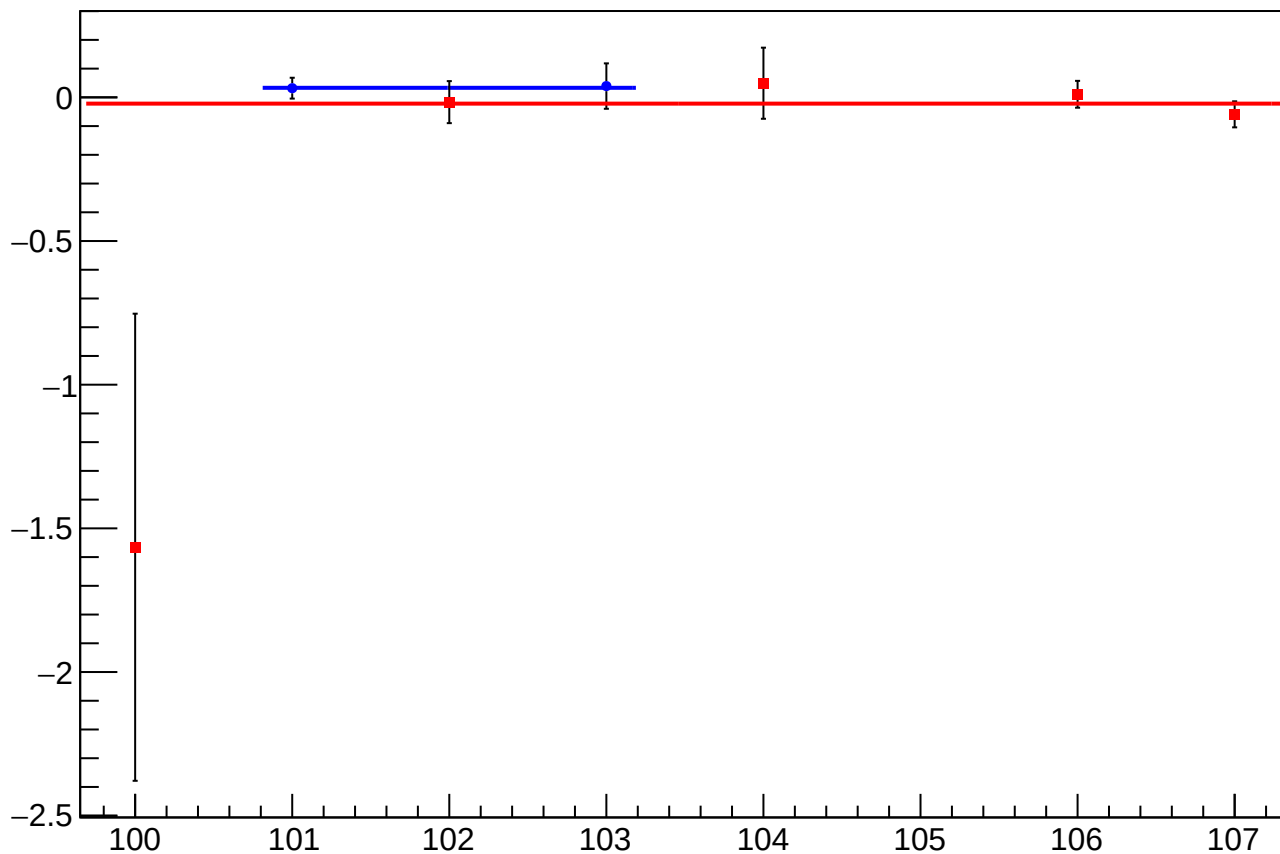
Right: 32.121 $\pm$ 0.015 χ^2 /NDF: 1037680.2/6

In: 33.812 $\pm$ 0.023 χ^2 /NDF: 282757.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 32.121 $\pm$ 0.015 χ^2 /NDF: 1037680.2/6

asym_sam7_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.033 χ^2/NDF : 0.0/1

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

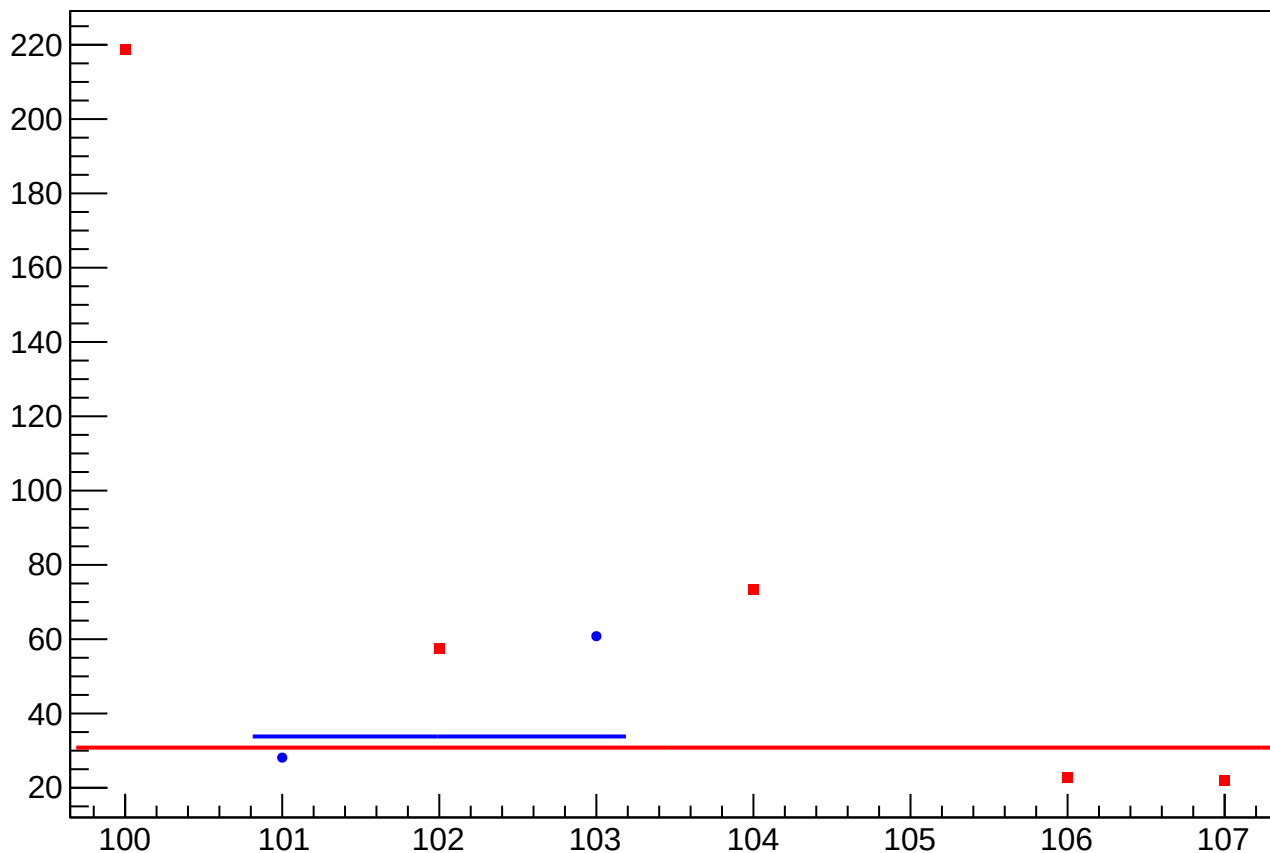
Right: 0.002+/-0.022 χ^2/NDF : 6.7/6

In: 0.033+/-0.033 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.022 χ^2/NDF : 6.7/6

asym_sam7_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.812 $\pm$ 0.023 χ^2 /NDF: 282757.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 30.823 $\pm$ 0.020 χ^2 /NDF: 745622.3/4

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

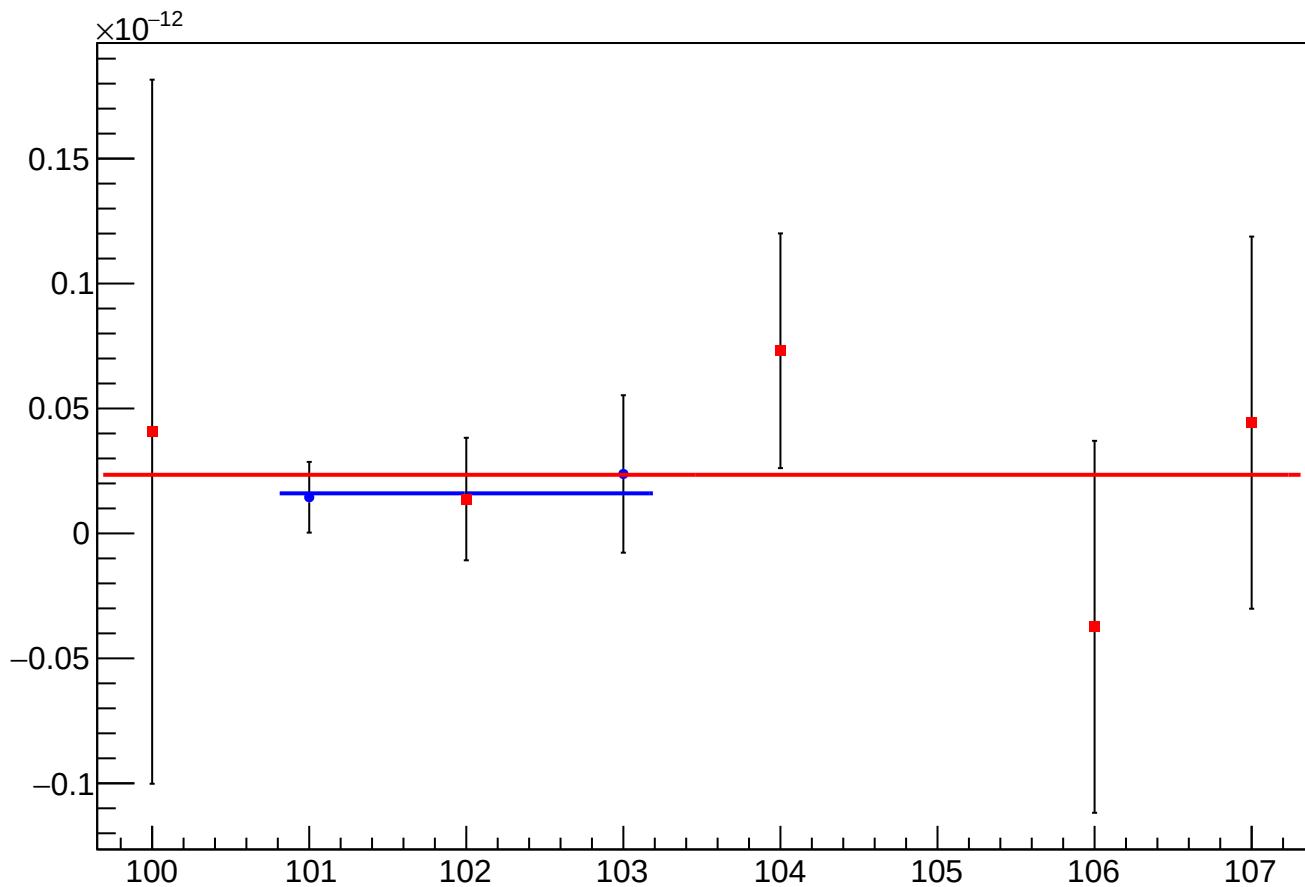
Right: 32.121 $\pm$ 0.015 χ^2 /NDF: 1037680.2/6

In: 33.812 $\pm$ 0.023 χ^2 /NDF: 282757.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 32.121 $\pm$ 0.015 χ^2 /NDF: 1037680.2/6

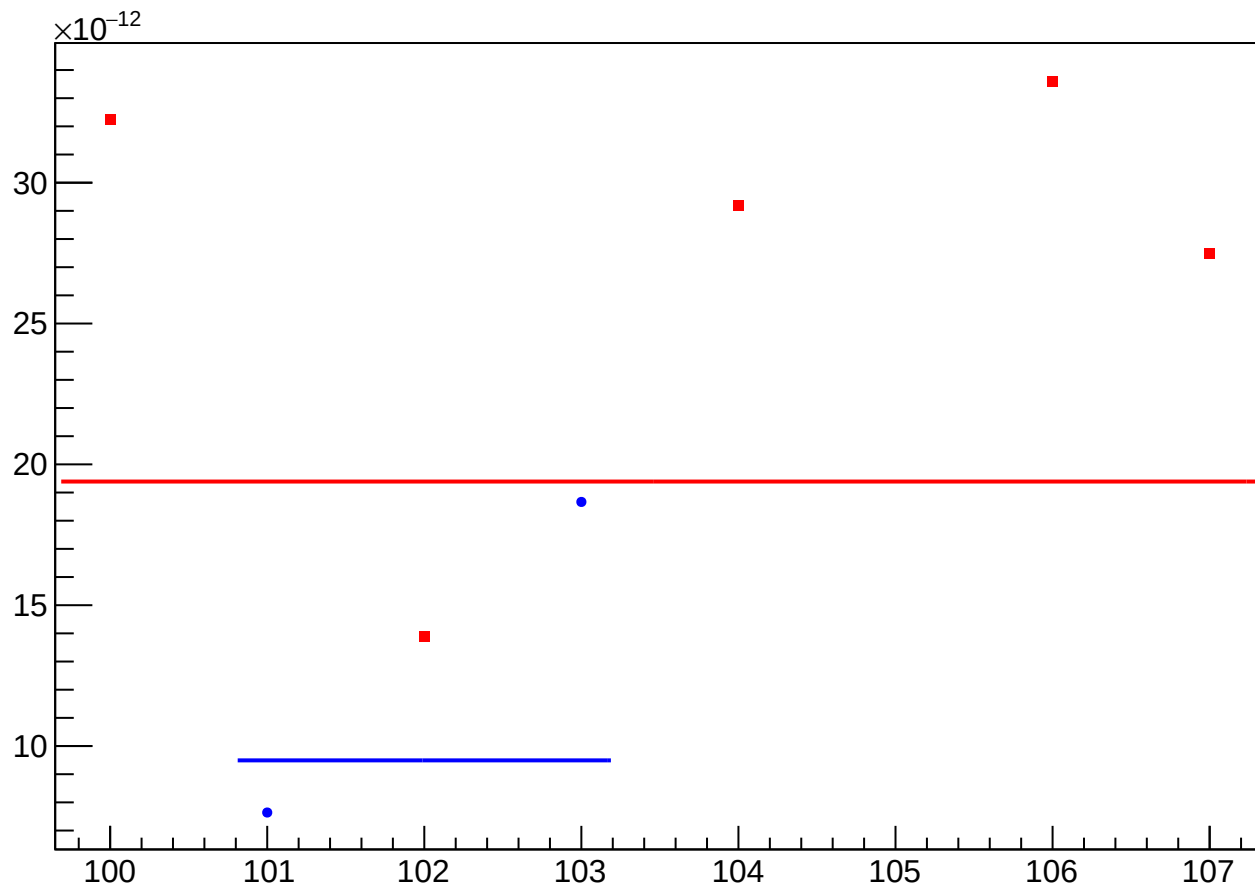
asym_sam7_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.1/1
 Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000 $\pm$ 0.000 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: 0.000 $\pm$ 0.000 χ^2/NDF : 2.2/6
 In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.1/1
 Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: 0.000 $\pm$ 0.000 χ^2/NDF : 2.2/6

asym_sam7_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 203887.7/1

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

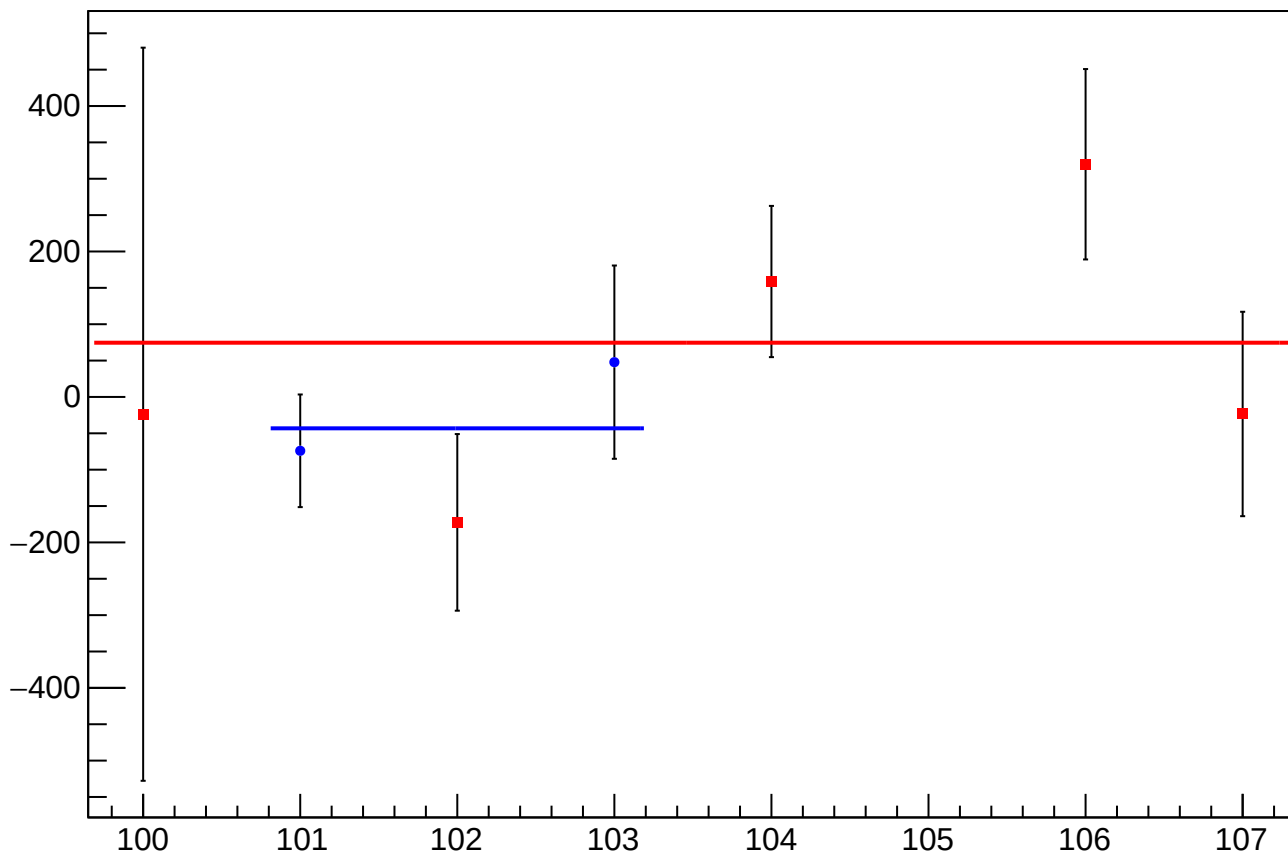
Right: 0.000+/-0.000 χ^2/NDF : 853162.5/6

In: 0.000+/-0.000 χ^2/NDF : 203887.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 853162.5/6

reg_asym_sam8_mean vs Slug, Sign Corrected



Right In: -43.146+/-66.901 χ^2/NDF : 0.6/1

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

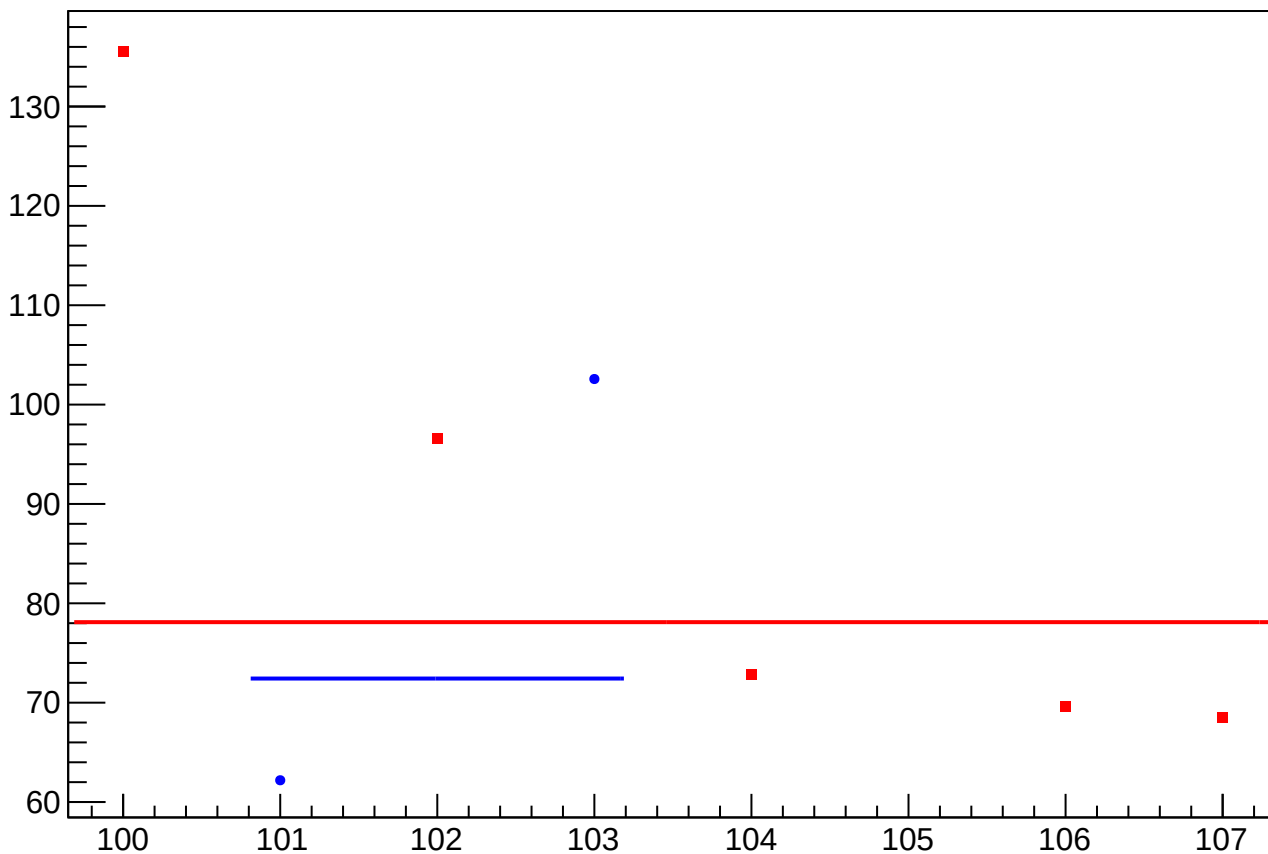
Right: 21.618+/-44.870 χ^2/NDF : 11.2/6

In: -43.146+/-66.901 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.618+/-44.870 χ^2/NDF : 11.2/6

reg_asym_sam8_rms vs Slug, Sign Corrected



Right In: 72.428+/-0.047 χ^2/NDF : 137905.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.103+/-0.043 χ^2/NDF : 95311.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

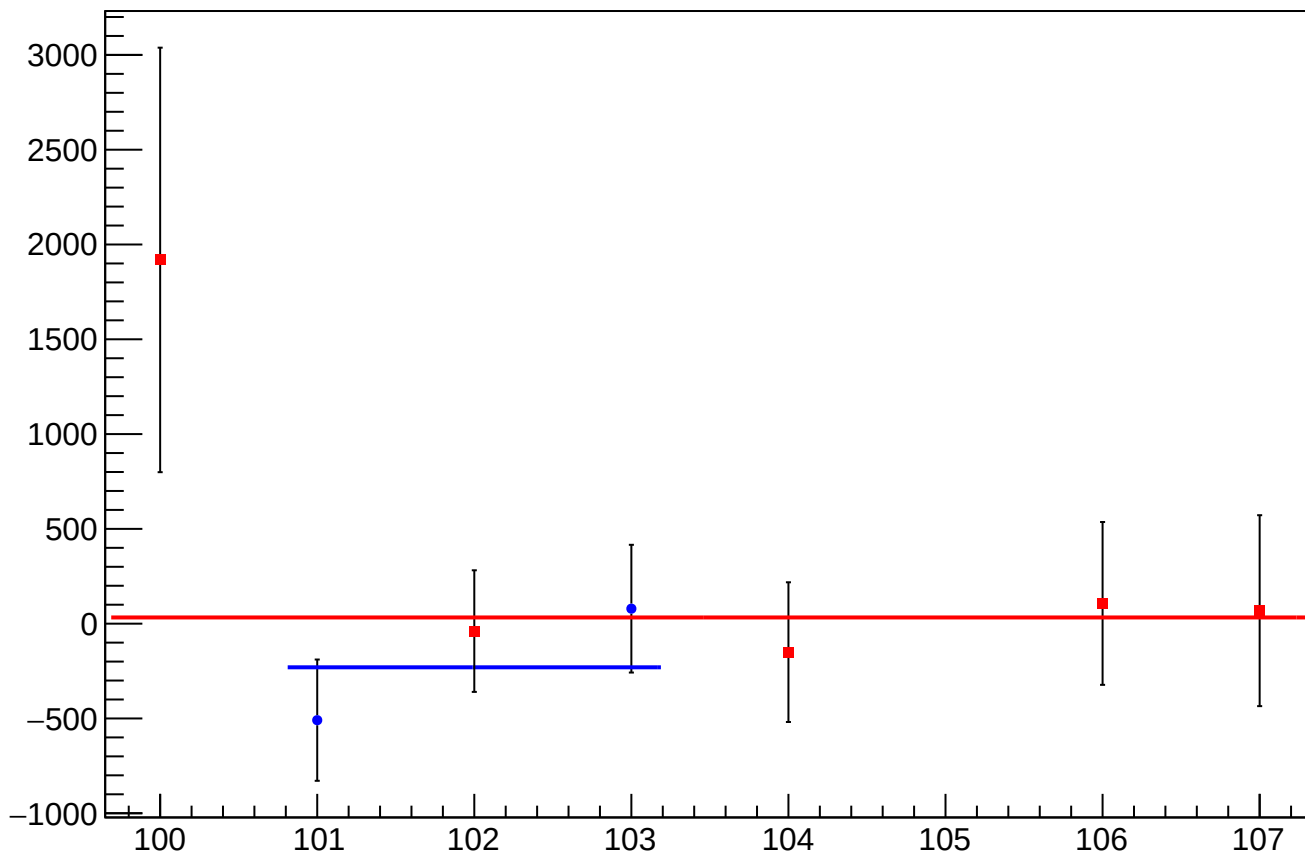
Right: 75.551+/-0.032 χ^2/NDF : 241136.0/6

In: 72.428+/-0.047 χ^2/NDF : 137905.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.551+/-0.032 χ^2/NDF : 241136.0/6

asym_sam8_reg_correction_mean vs Slug, Sign Corrected



Right In: -230.201+/-231.957 χ^2/NDF : 1.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.757+/-191.565 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

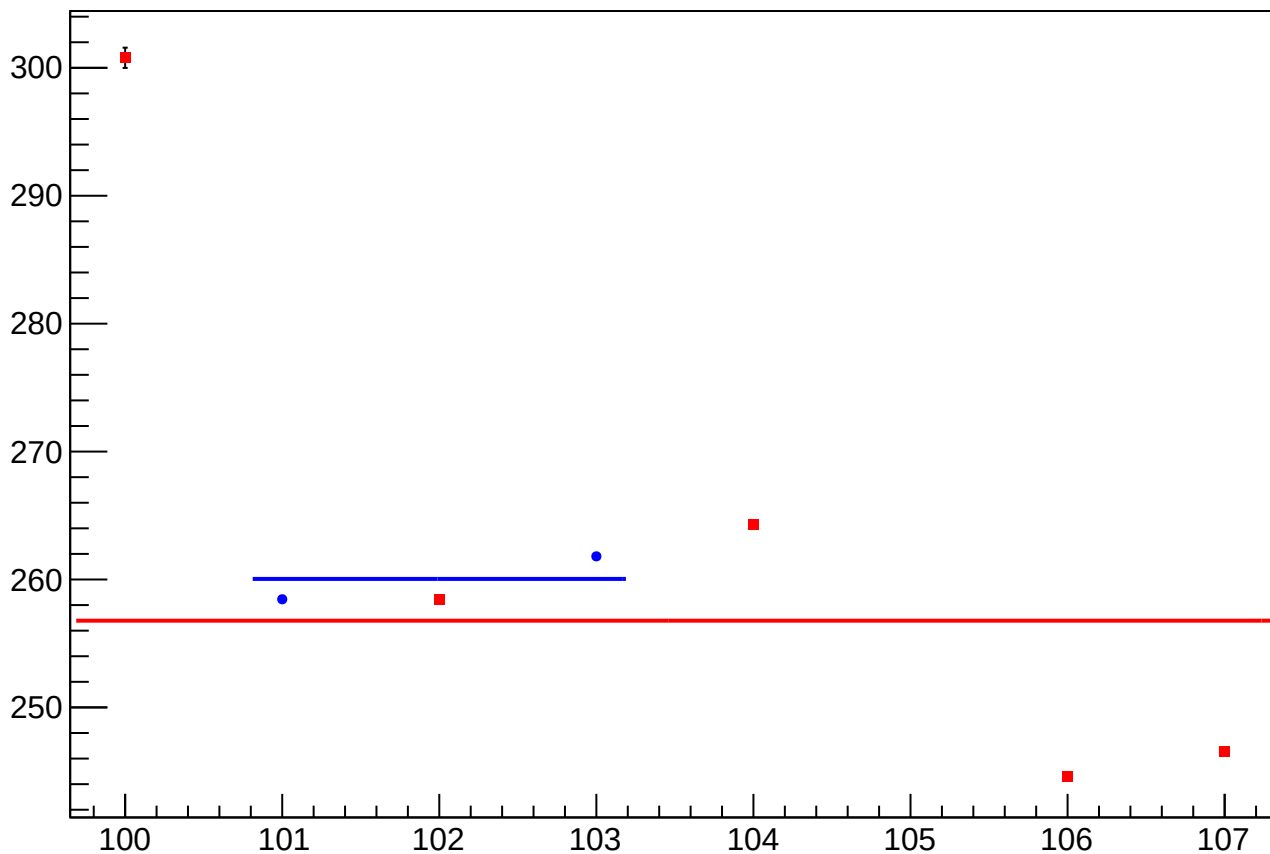
Right: -73.869+/-147.706 χ^2/NDF : 5.5/6

In: -230.201+/-231.957 χ^2/NDF : 1.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -73.869+/-147.706 χ^2/NDF : 5.5/6

asym_sam8_reg_correction_rms vs Slug, Sign Corrected



Right In: 260.045 $\pm$ 0.164 χ^2 /NDF: 104.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 256.781 $\pm$ 0.135 χ^2 /NDF: 6414.8/4

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

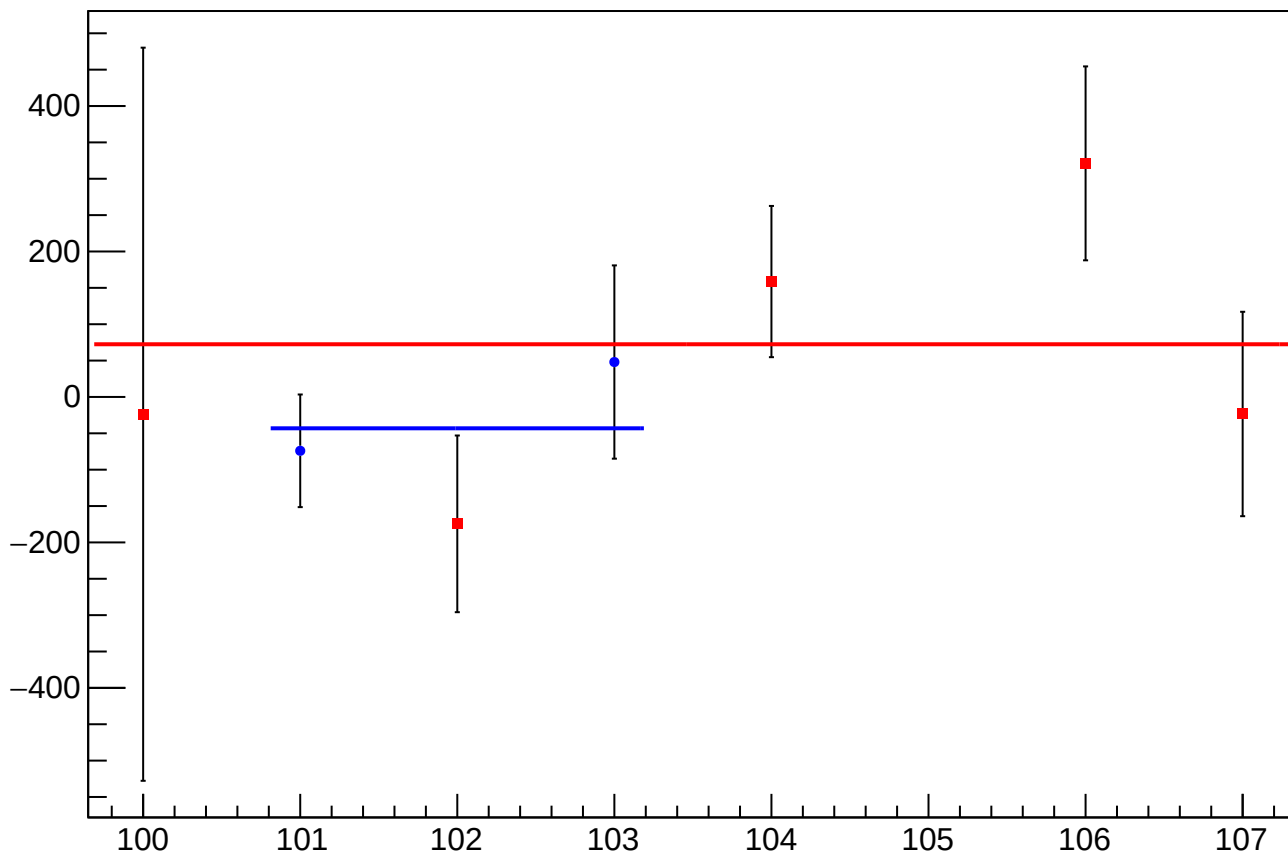
Right: 258.105 $\pm$ 0.104 χ^2 /NDF: 6754.6/6

In: 260.045 $\pm$ 0.164 χ^2 /NDF:104.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 258.105 $\pm$ 0.104 χ^2 /NDF: 6754.6/6

cor_asym_sam8_mean vs Slug, Sign Corrected



Right In: -43.108 $\pm$ 66.901 χ^2 /NDF: 0.6/1

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

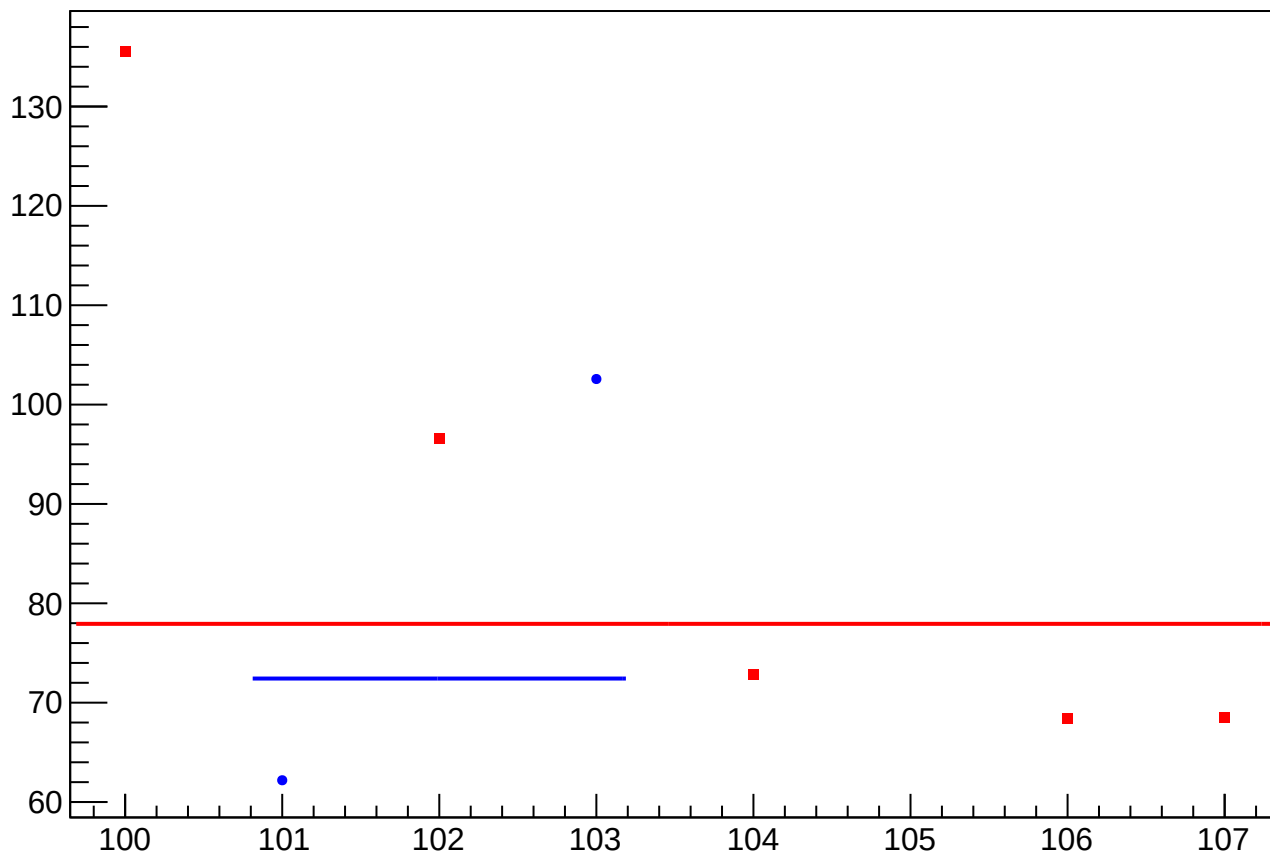
Right: 20.240 $\pm$ 44.967 χ^2 /NDF: 11.1/6

In: -43.108 $\pm$ 66.901 χ^2 /NDF: 0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.240 $\pm$ 44.967 χ^2 /NDF: 11.1/6

cor_asym_sam8_rms vs Slug, Sign Corrected



Right In: 72.428 $\pm$ 0.047 χ^2/NDF : 137907.6/1

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

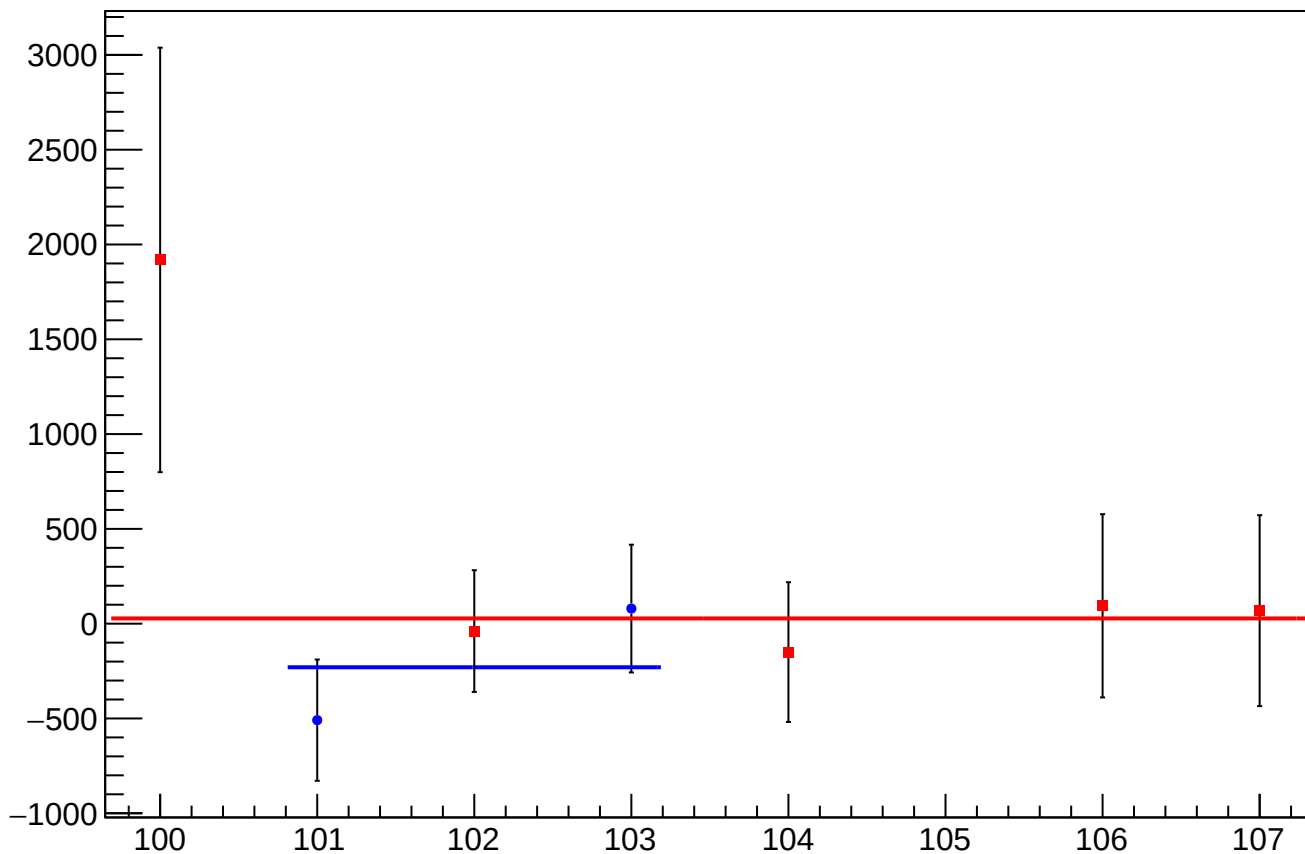
Right: 75.446 $\pm$ 0.032 χ^2/NDF : 242843.1/6

In: 72.428 $\pm$ 0.047 χ^2/NDF : 137907.6/1

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 75.446 $\pm$ 0.032 χ^2/NDF : 242843.1/6

asym_sam8_cor_correction_mean vs Slug, Sign Corrected



Right In: -229.971+/-231.969 χ^2/NDF : 1.6/1

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

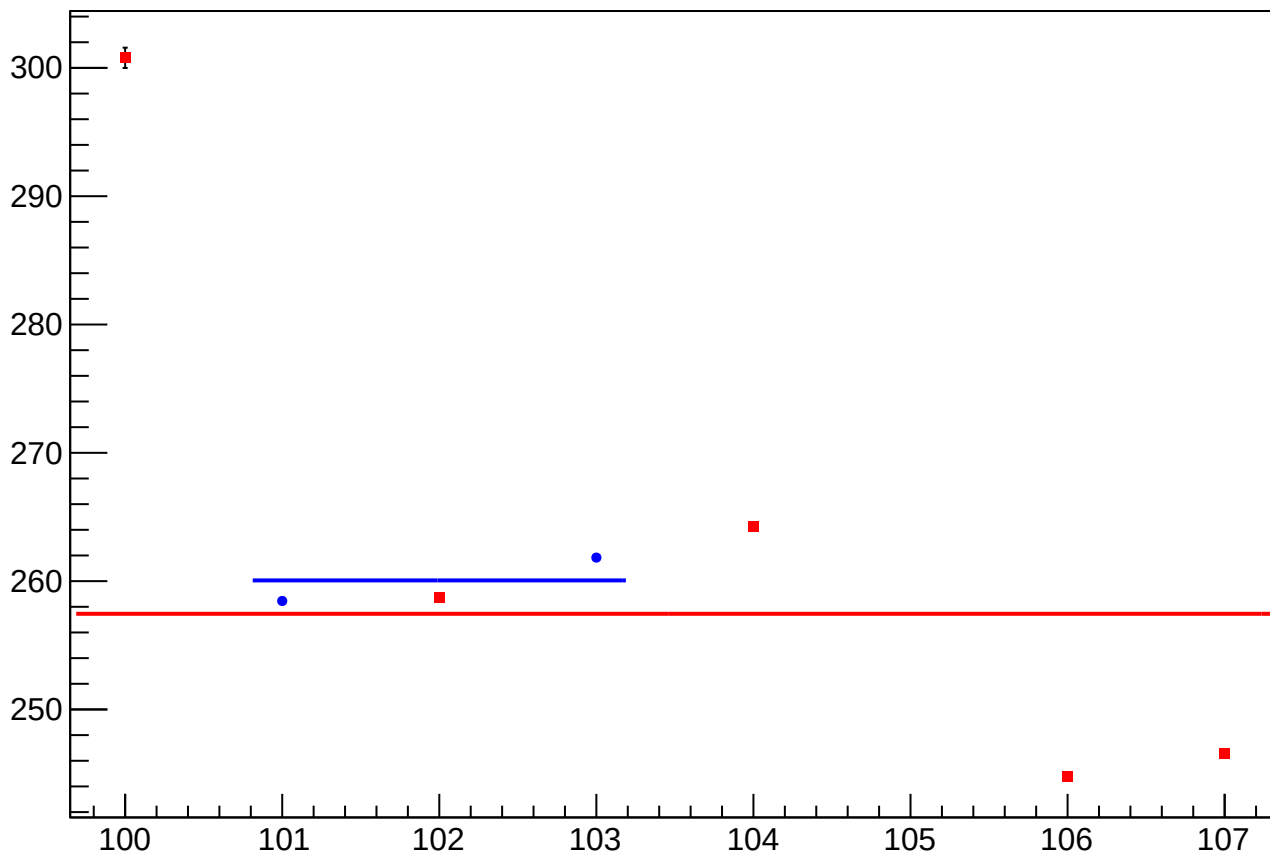
Right: -79.529+/-149.620 χ^2/NDF : 5.5/6

In: -229.971+/-231.969 χ^2/NDF : 1.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -79.529+/-149.620 χ^2/NDF : 5.5/6

asym_sam8_cor_correction_rms vs Slug, Sign Corrected



Right In: 260.057+/-0.164 χ^2/NDF : 105.9/1

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

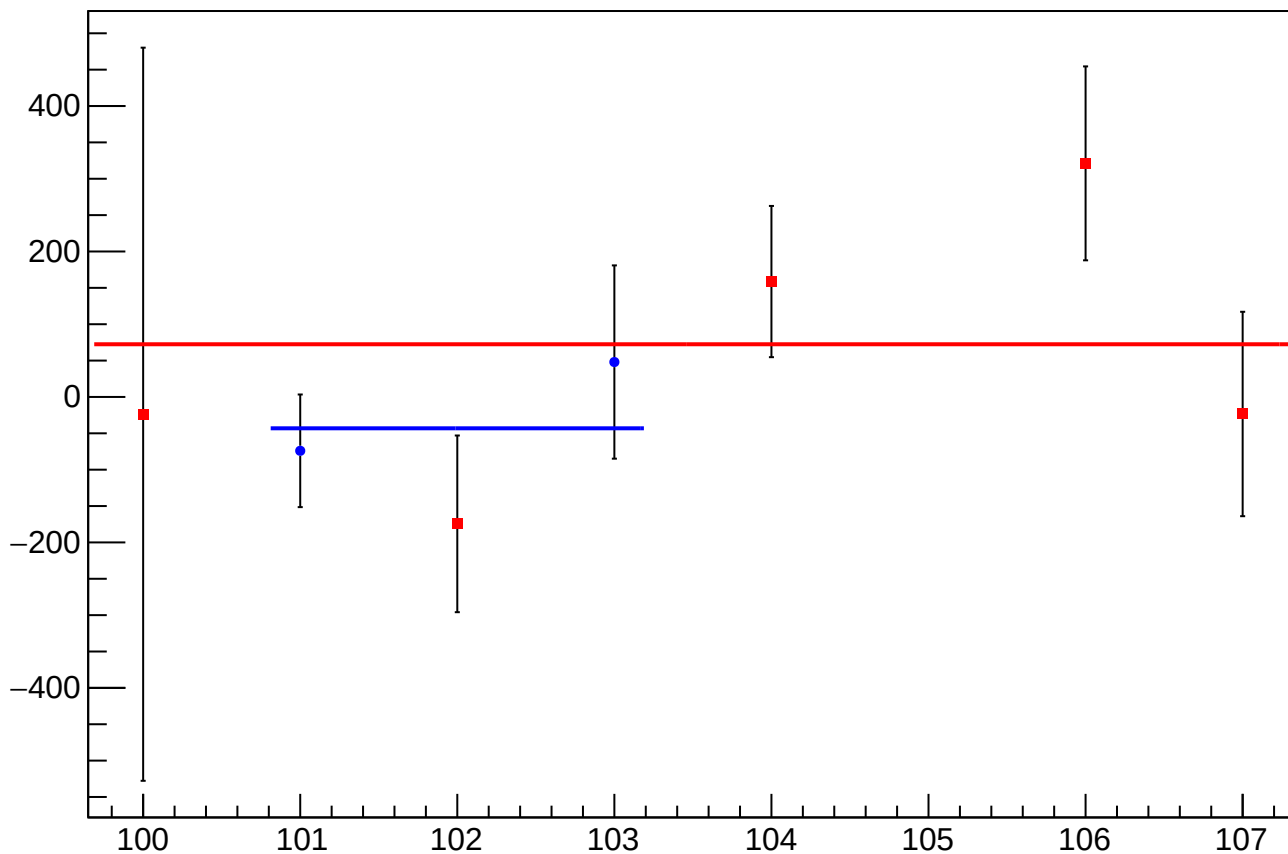
Right: 258.538+/-0.106 χ^2/NDF : 6284.0/6

In: 260.057+/-0.164 χ^2/NDF : 105.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 258.538+/-0.106 χ^2/NDF : 6284.0/6

eigen_cor_asym_sam8_mean vs Slug, Sign Corrected



Right In: -43.108+/-66.901 χ^2/NDF : 0.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.445+/-60.732 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

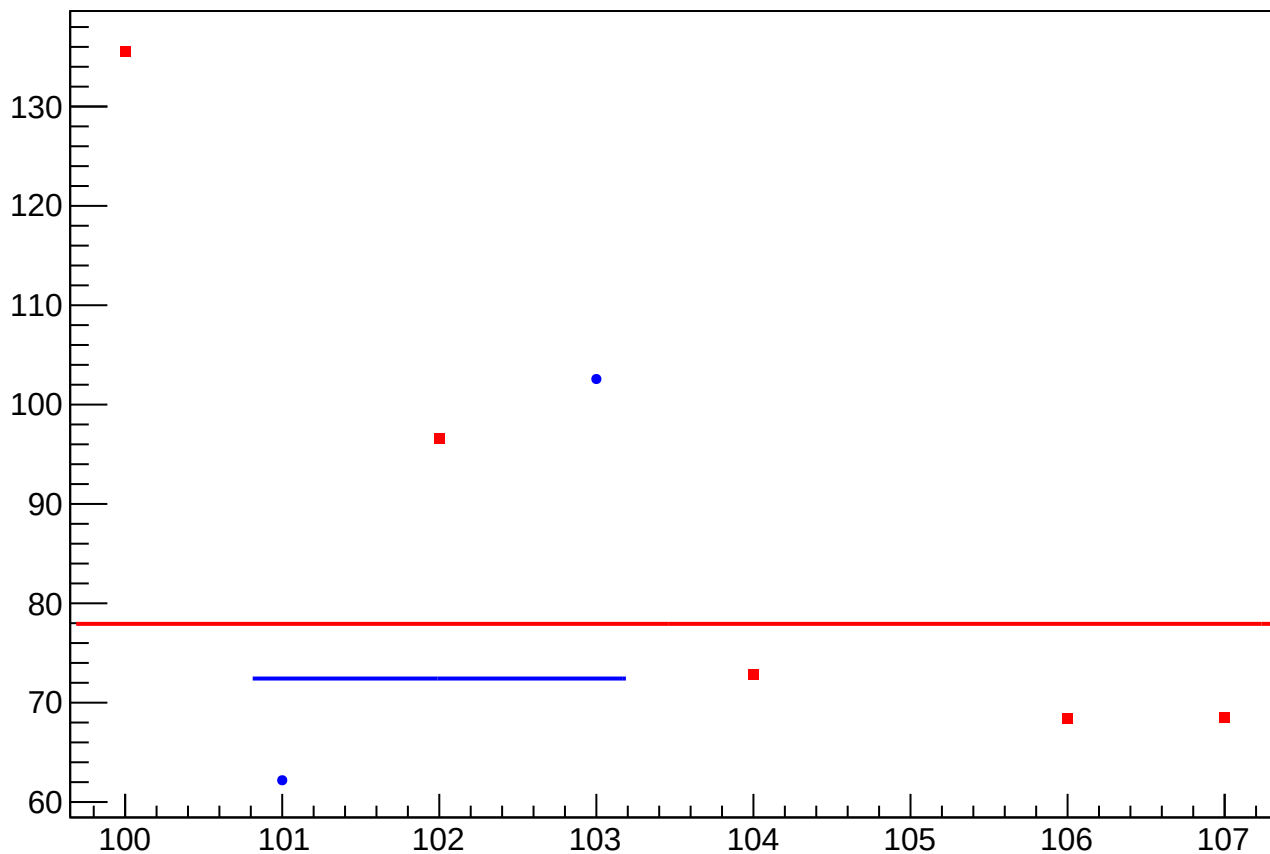
Right: 20.240+/-44.967 χ^2/NDF : 11.1/6

In: -43.108+/-66.901 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.240+/-44.967 χ^2/NDF : 11.1/6

eigen_cor_asym_sam8_rms vs Slug, Sign Corrected



Right In: 72.428+/-0.047 χ^2/NDF : 137907.6/1

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

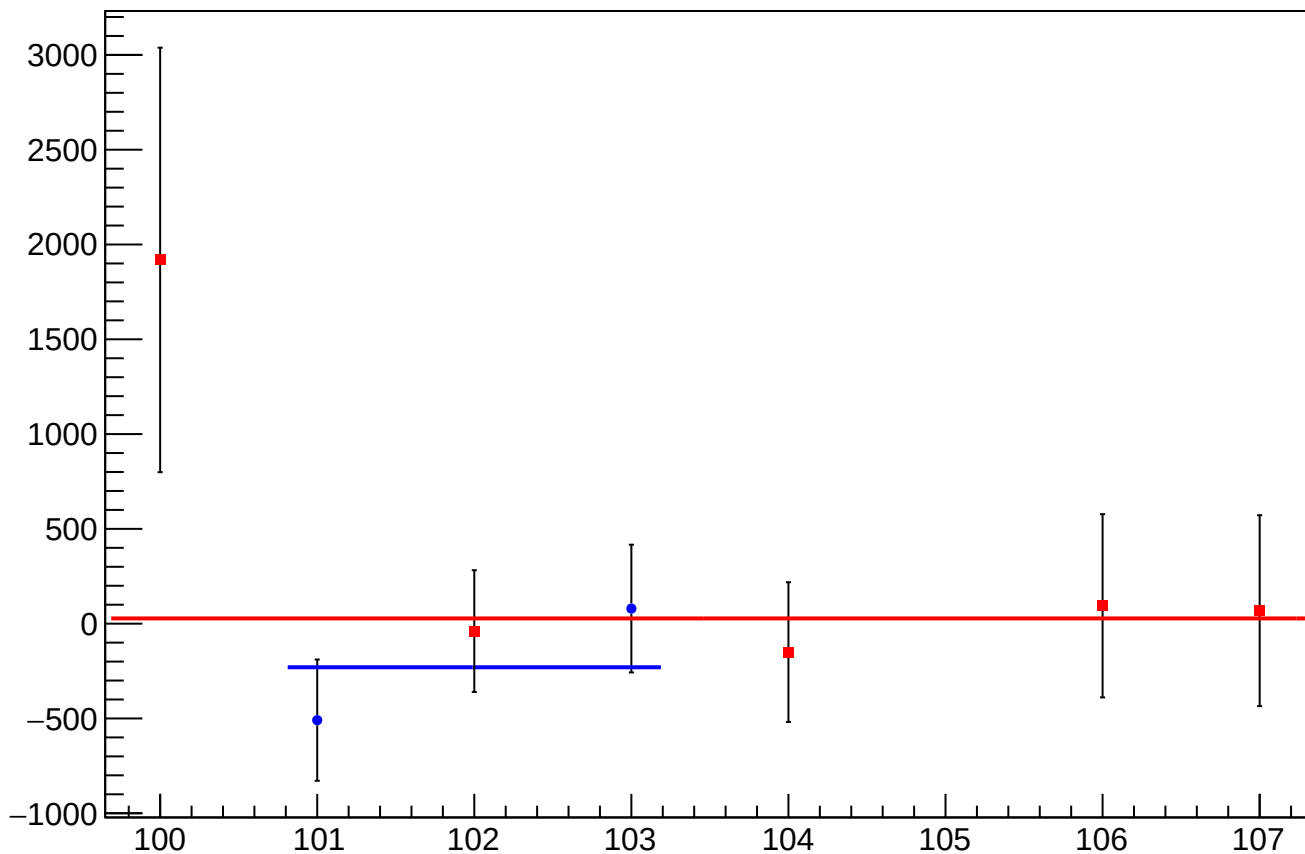
Right: 75.446+/-0.032 χ^2/NDF : 242843.1/6

In: 72.428+/-0.047 χ^2/NDF : 137907.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.446+/-0.032 χ^2/NDF : 242843.1/6

asym_sam8_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -229.971+/-231.969 χ^2 /NDF: 1.6/1

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

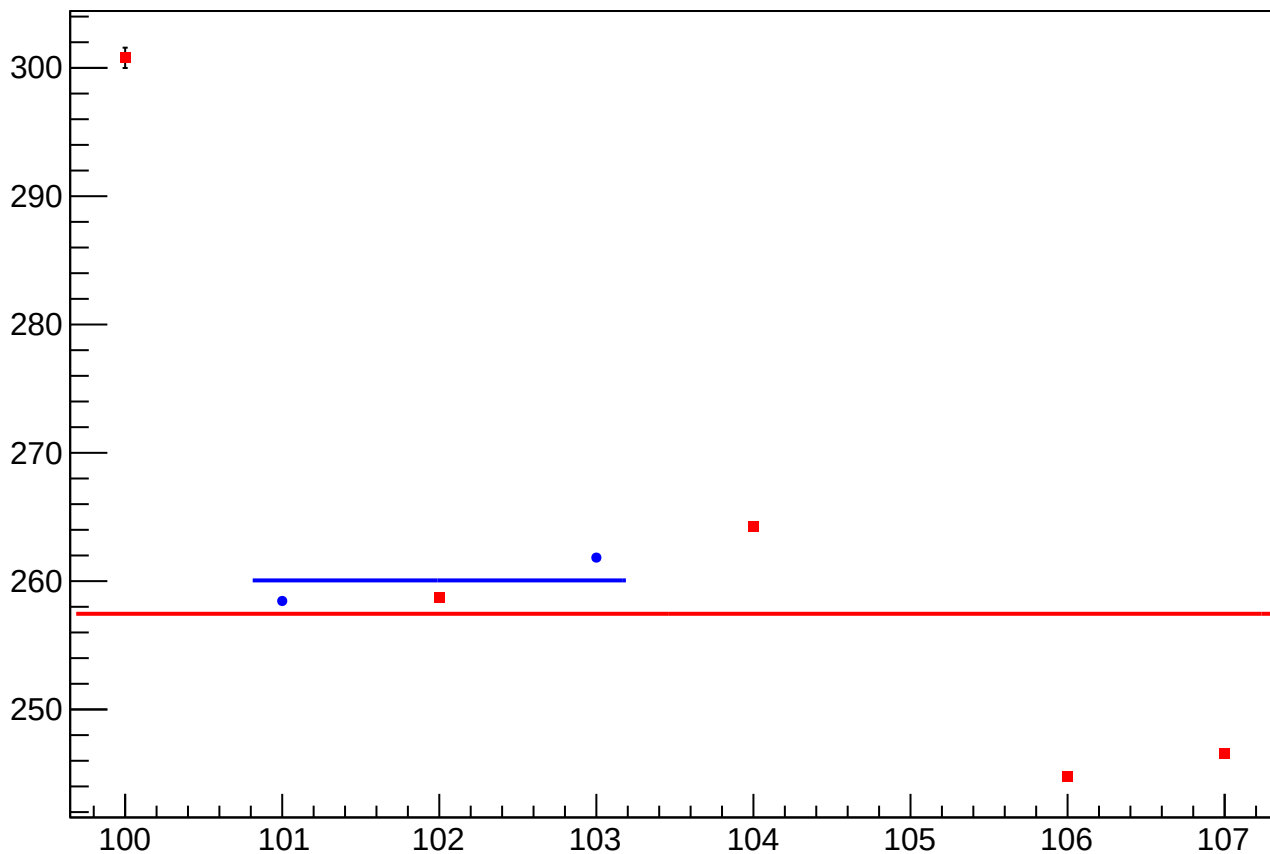
Right: -79.529+/-149.620 χ^2 /NDF: 5.5/6

In: -229.971+/-231.969 χ^2 /NDF:1.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -79.529+/-149.620 χ^2 /NDF: 5.5/6

asym_sam8_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 260.057+/-0.164 χ^2/NDF : 105.9/1

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

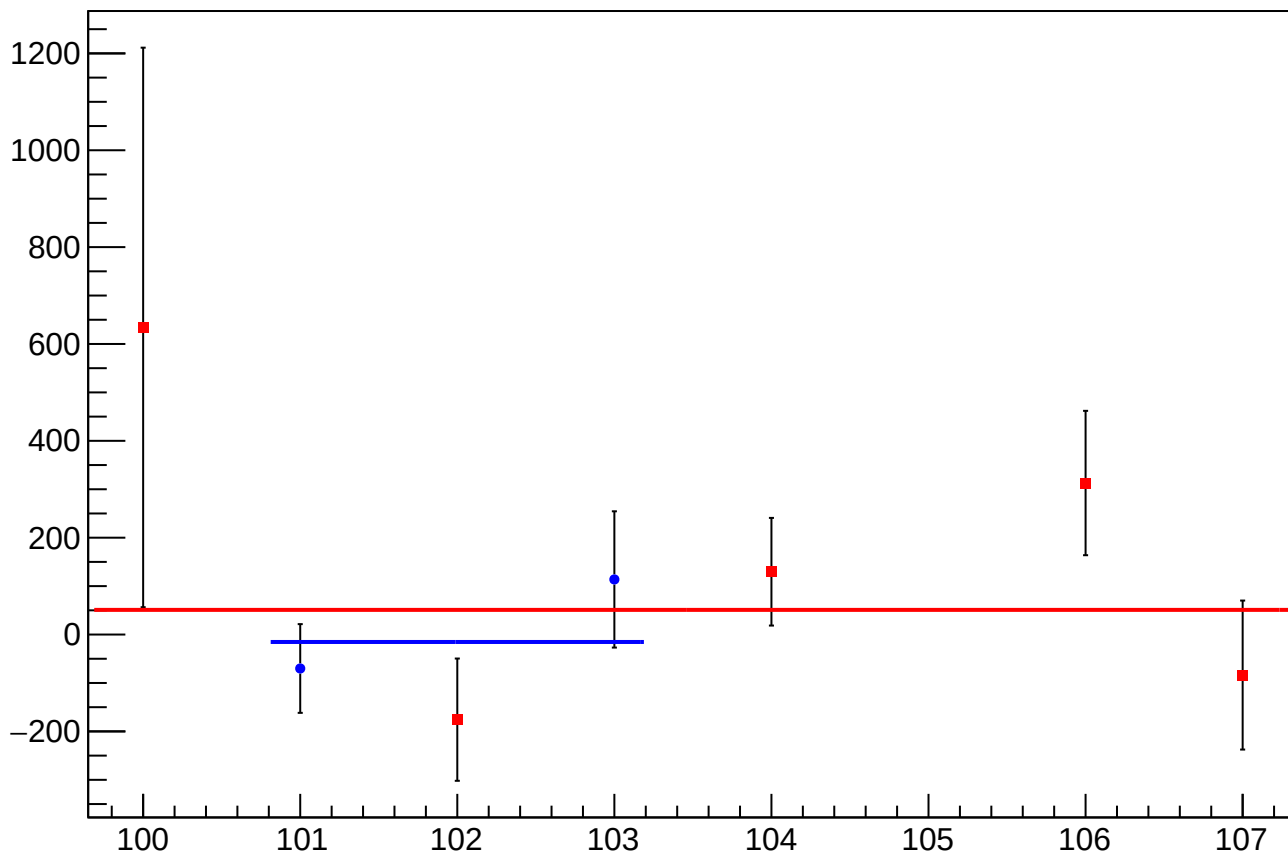
Right: 258.538+/-0.106 χ^2/NDF : 6284.0/6

In: 260.057+/-0.164 χ^2/NDF : 105.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 258.538+/-0.106 χ^2/NDF : 6284.0/6

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -15.343+/-76.774 χ^2/NDF : 1.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.927+/-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

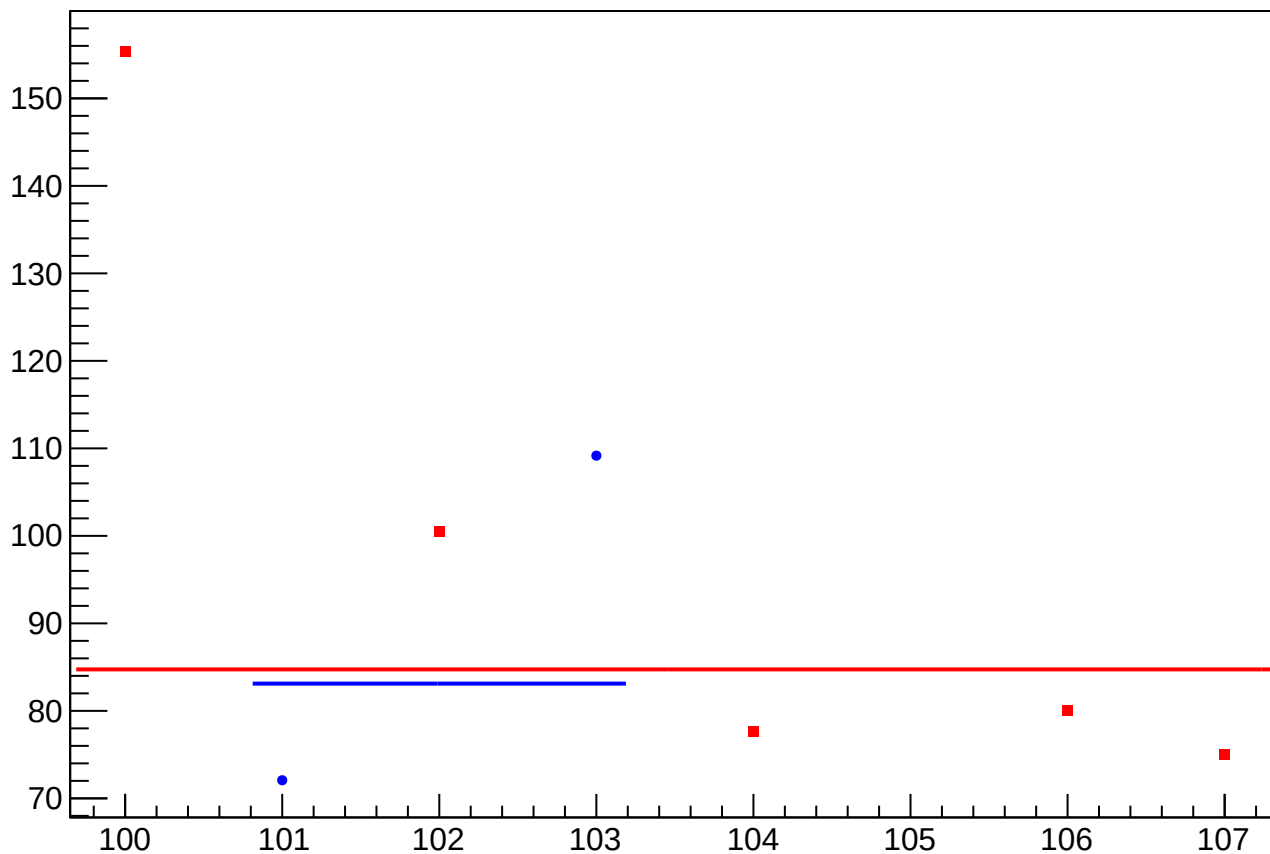
Right: 23.072+/-49.775 χ^2/NDF : 10.2/6

In: -15.343+/-76.774 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.072+/-49.775 χ^2/NDF : 10.2/6

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 83.116+/-0.054 χ^2/NDF : 97600.5/1

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

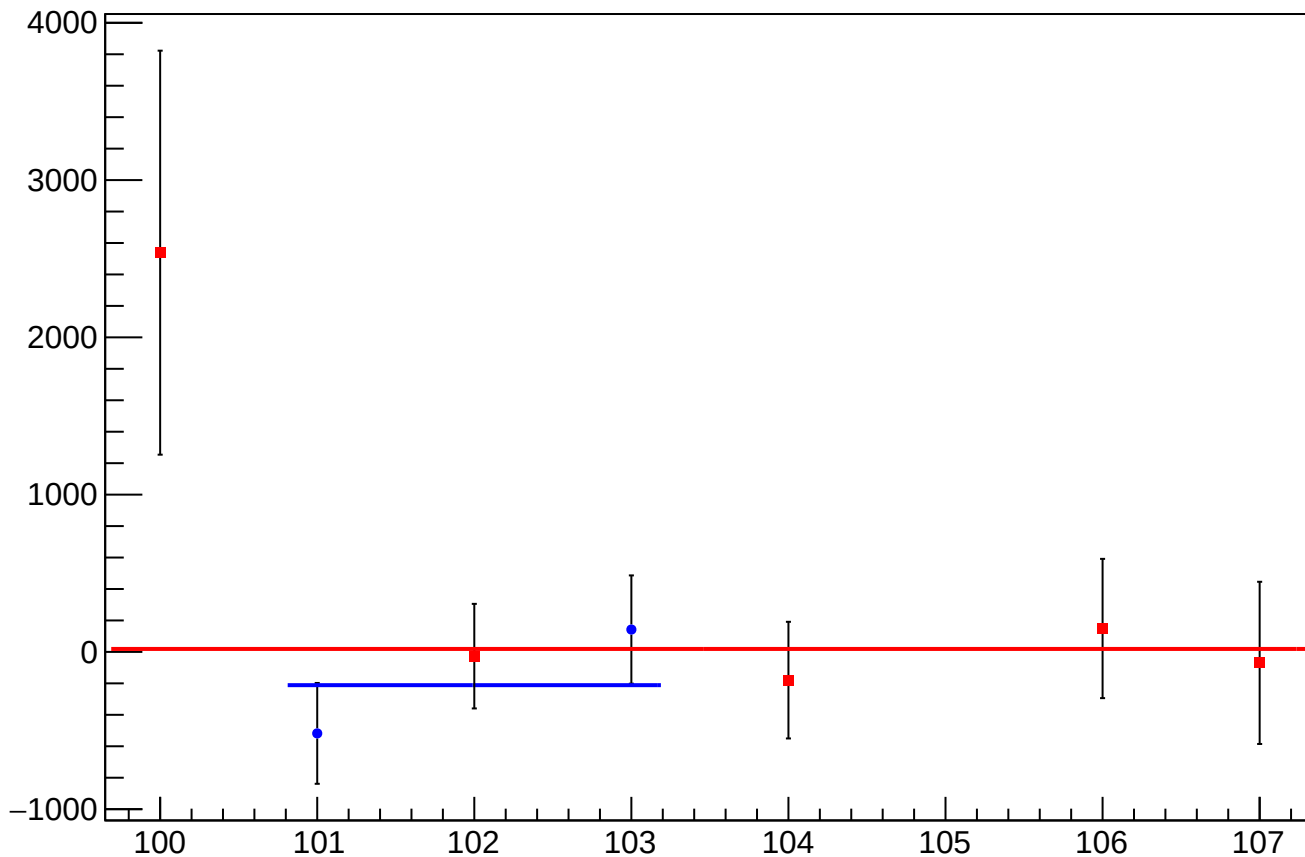
Right: 84.058+/-0.035 χ^2/NDF : 177162.3/6

In: 83.116+/-0.054 χ^2/NDF : 97600.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.058+/-0.035 χ^2/NDF : 177162.3/6

asym_sam8_dit_correction_mean vs Slug, Sign Corrected



Right In: -211.480+/-234.587 χ^2/NDF : 2.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.852+/-196.929 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

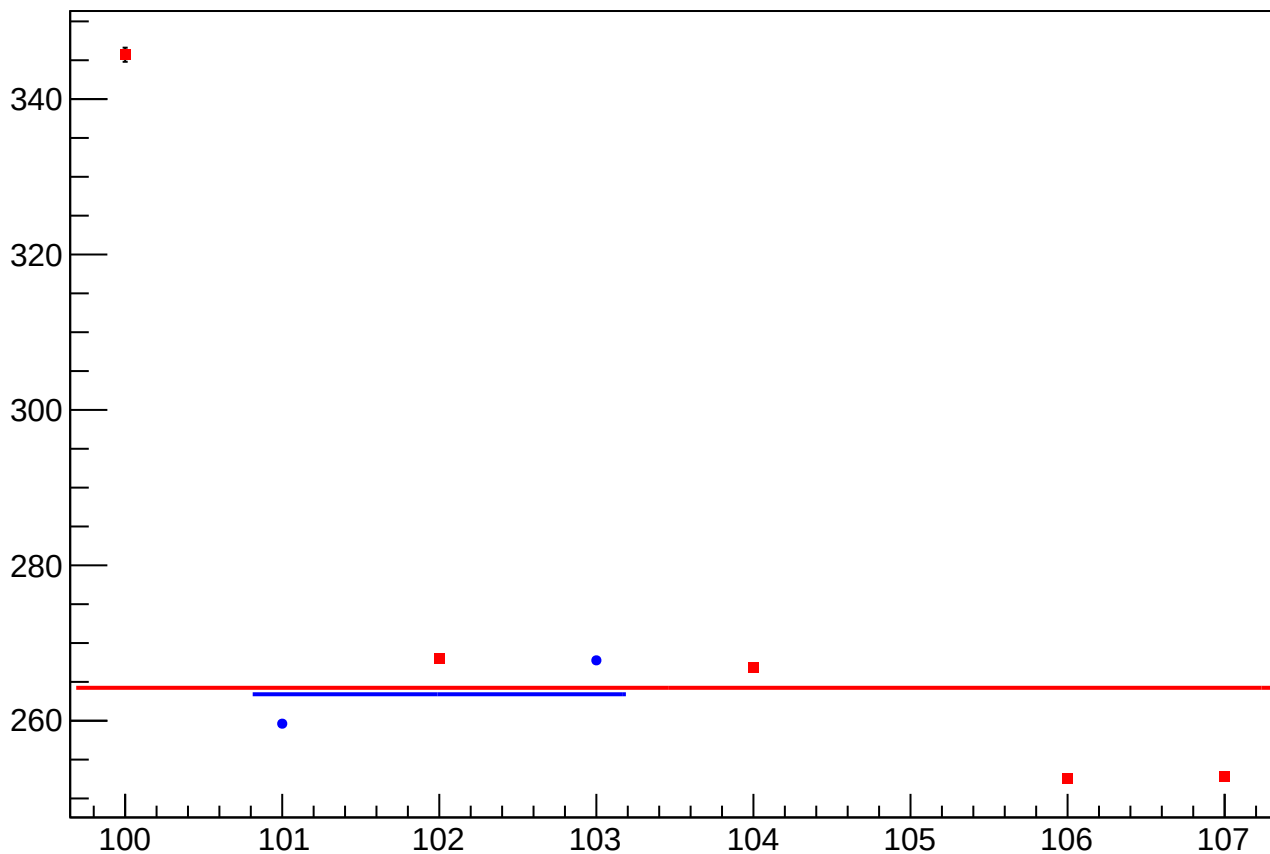
Right: -76.365+/-150.829 χ^2/NDF : 6.8/6

In: -211.480+/-234.587 χ^2/NDF : 2.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -76.365+/-150.829 χ^2/NDF : 6.8/6

asym_sam8_dit_correction_rms vs Slug, Sign Corrected



Right In: 263.409 $\pm$ 0.166 χ^2 /NDF: 600.4/1

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

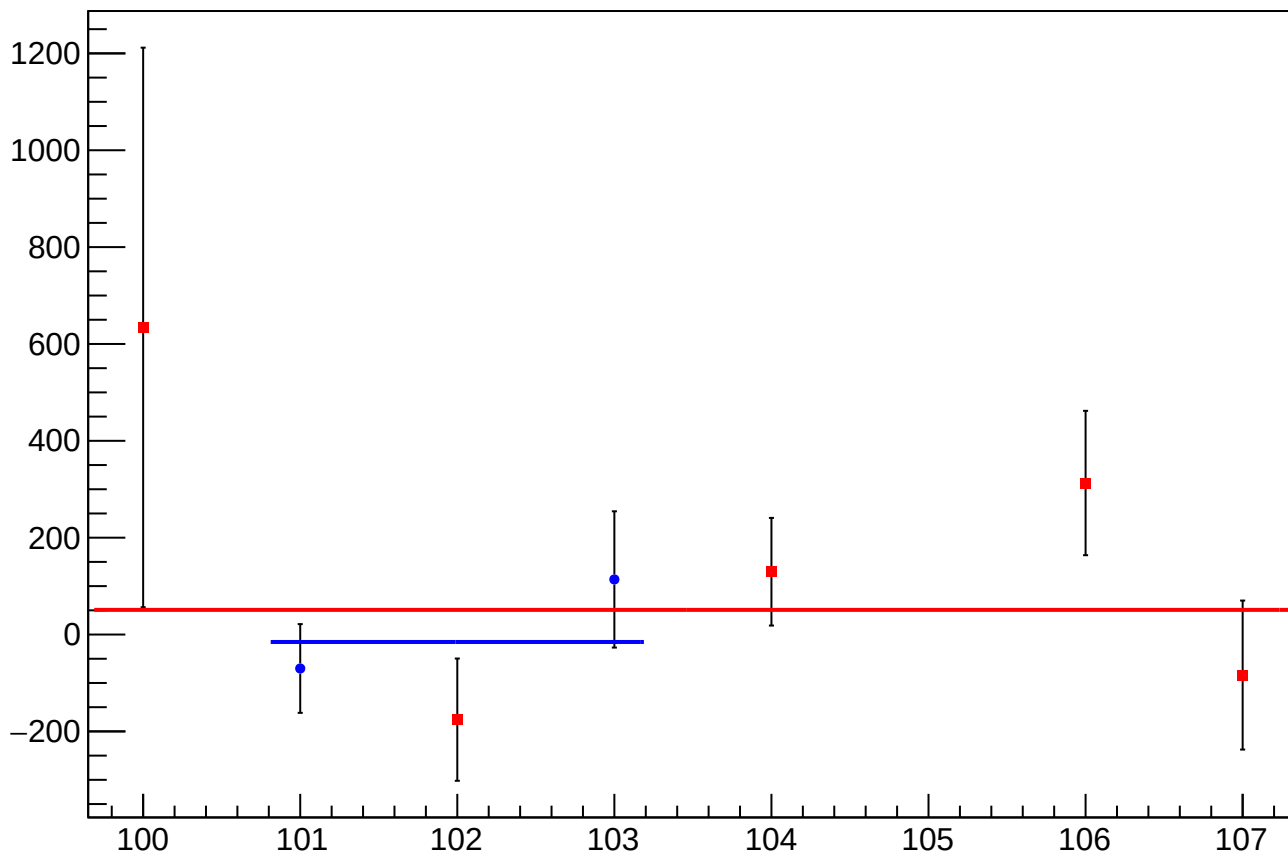
Right: 263.896 $\pm$ 0.107 χ^2 /NDF: 11375.4/6

In: 263.409 $\pm$ 0.166 χ^2 /NDF:600.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 263.896 $\pm$ 0.107 χ^2 /NDF: 11375.4/6

eigen_dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -15.337 $\pm$ 76.774 χ^2 /NDF: 1.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 50.926 $\pm$ 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

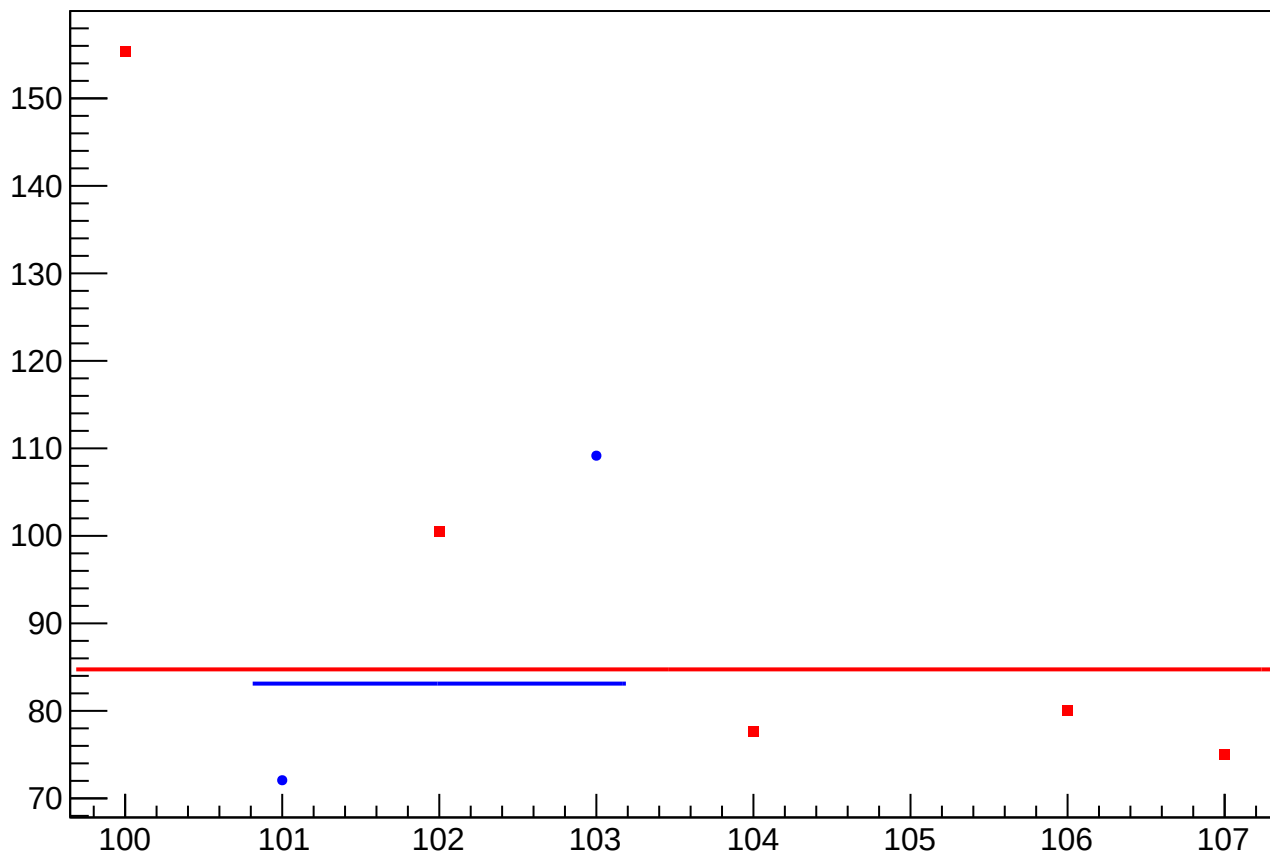
Right: 23.073 $\pm$ 49.775 χ^2 /NDF: 10.2/6

In: -15.337 $\pm$ 76.774 χ^2 /NDF:1.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 23.073 $\pm$ 49.775 χ^2 /NDF: 10.2/6

eigen_dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 83.116+/-0.054 χ^2/NDF : 97599.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.741+/-0.046 χ^2/NDF : 79040.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

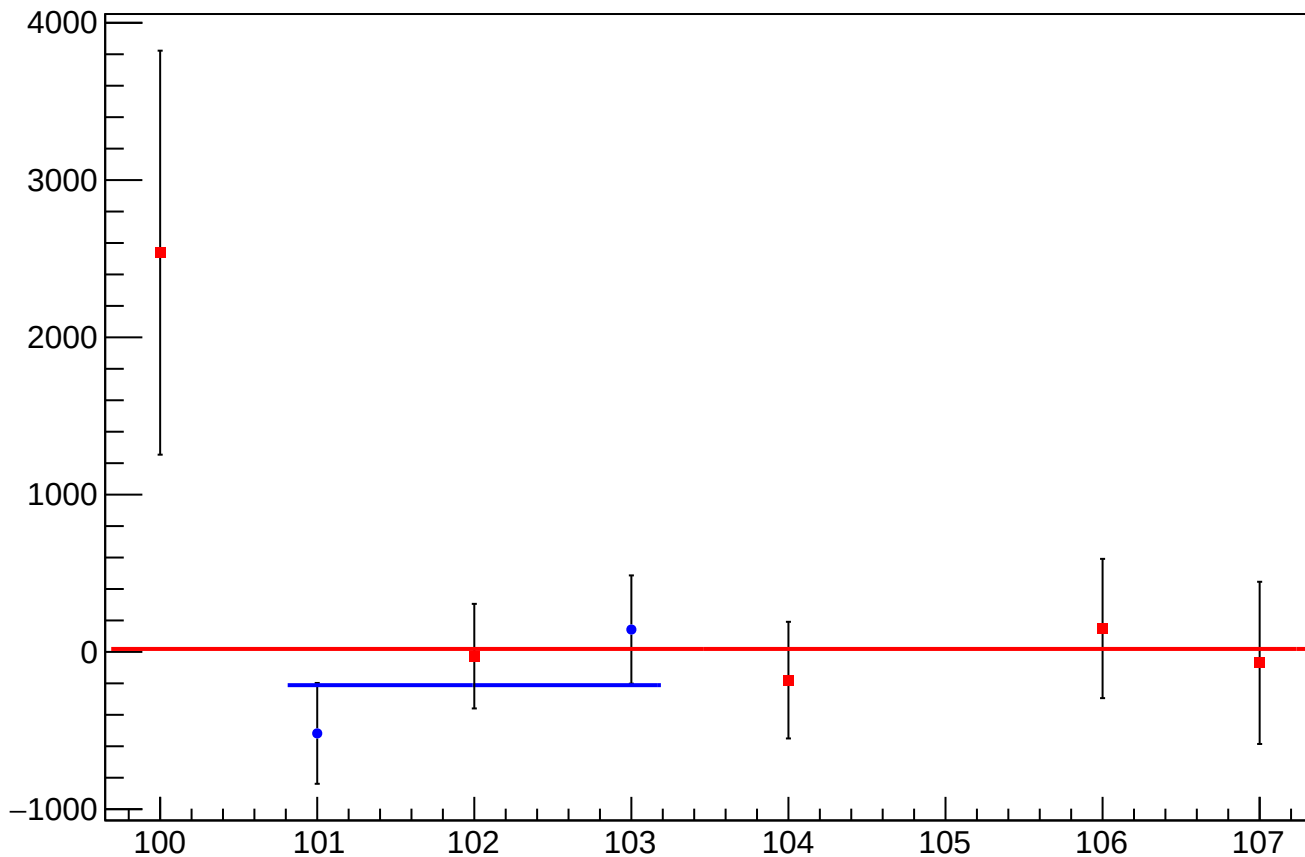
Right: 84.058+/-0.035 χ^2/NDF : 177160.2/6

In: 83.116+/-0.054 χ^2/NDF : 97599.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.058+/-0.035 χ^2/NDF : 177160.2/6

asym_sam8_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -211.477+/-234.585 χ^2 /NDF: 2.0/1

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

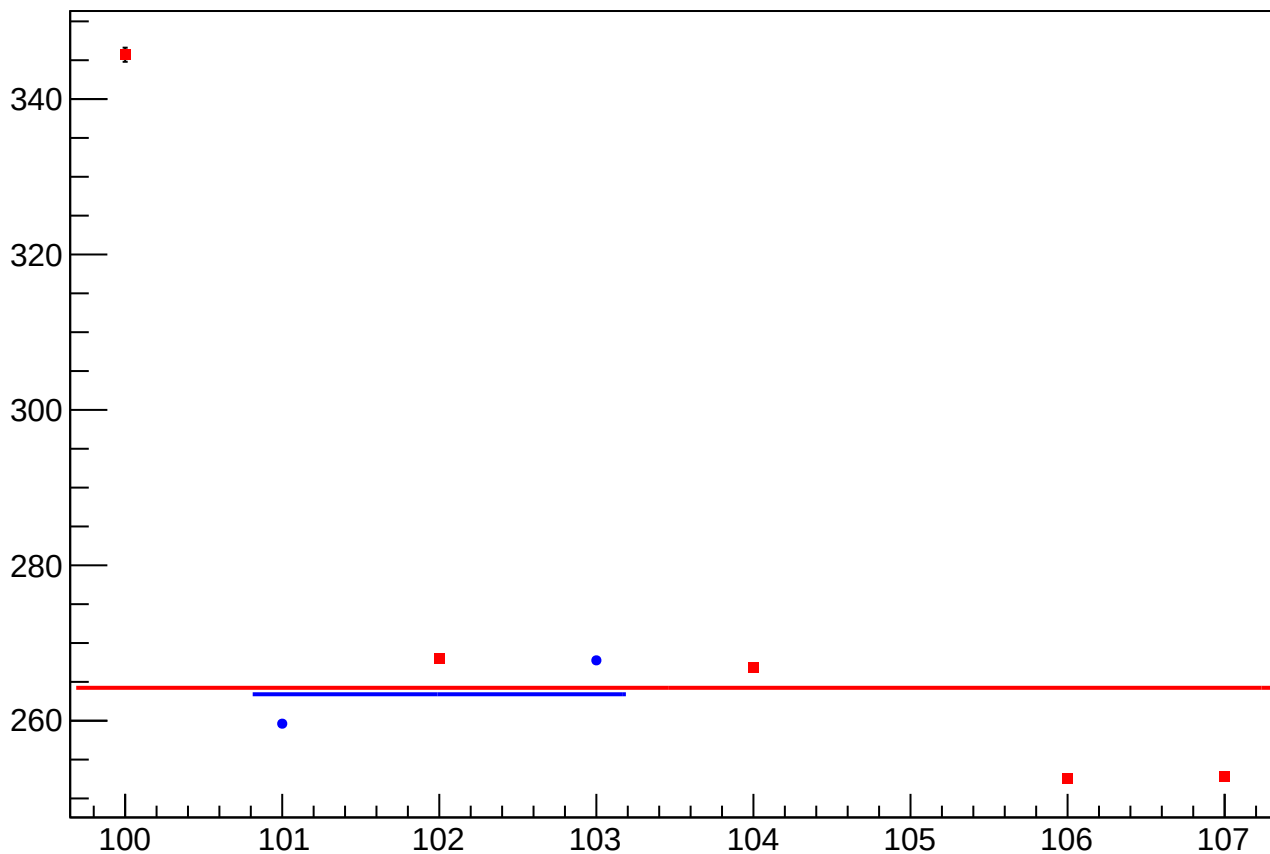
Right: -76.365+/-150.827 χ^2 /NDF: 6.8/6

In: -211.477+/-234.585 χ^2 /NDF: 2.0/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -76.365+/-150.827 χ^2 /NDF: 6.8/6

asym_sam8_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 263.406 $\pm$ 0.166 χ^2 /NDF: 600.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 264.238 $\pm$ 0.139 χ^2 /NDF: 10759.9/4

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

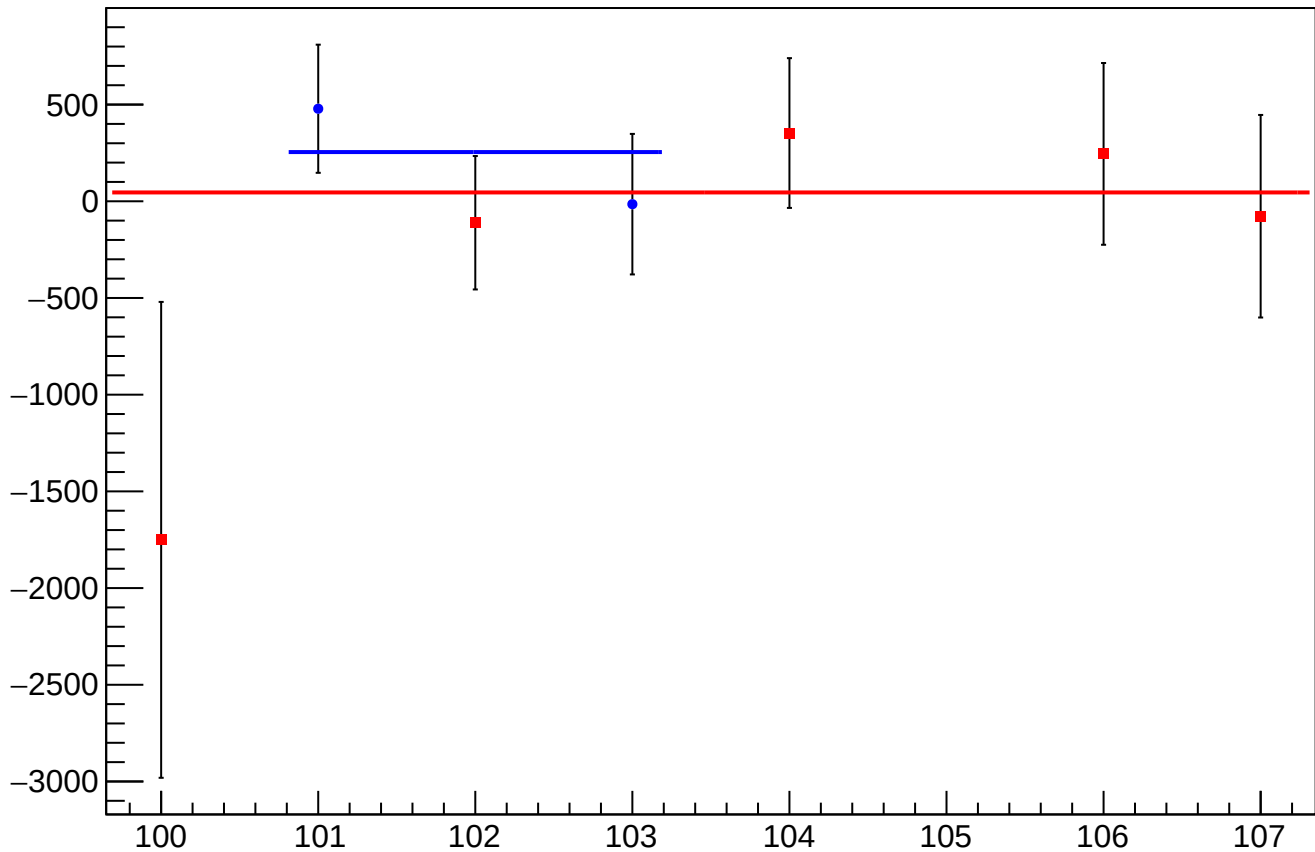
Right: 263.894 $\pm$ 0.107 χ^2 /NDF: 11375.0/6

In: 263.406 $\pm$ 0.166 χ^2 /NDF: 600.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 263.894 $\pm$ 0.107 χ^2 /NDF: 11375.0/6

asym_sam8_mean vs Slug, Sign Corrected



Right In: 254.440 $\pm$ 244.800 χ^2 /NDF: 1.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 45.672 $\pm$ 204.515 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

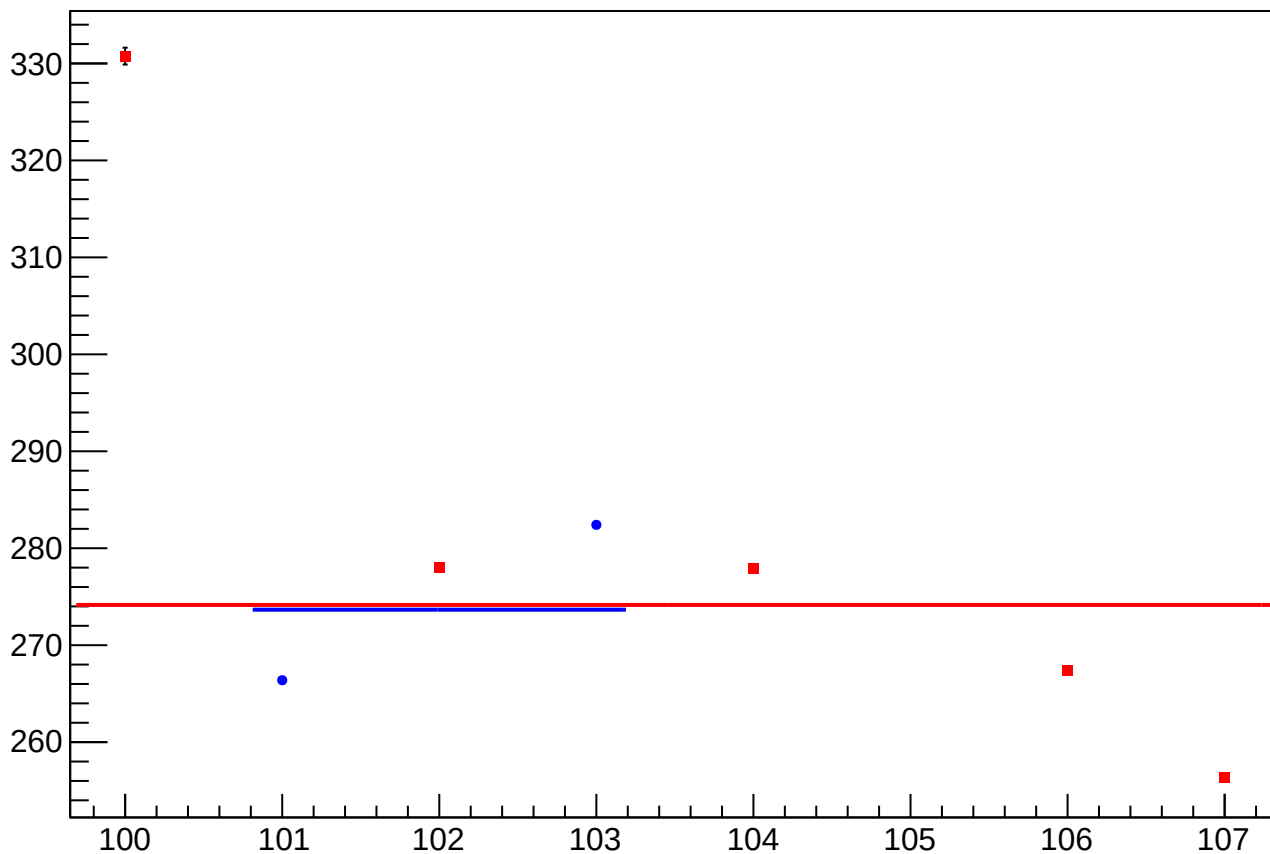
Right: 131.487 $\pm$ 156.950 χ^2 /NDF: 4.6/6

In: 254.440 $\pm$ 244.800 χ^2 /NDF:1.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 131.487 $\pm$ 156.950 χ^2 /NDF: 4.6/6

asym_sam8_rms vs Slug, Sign Corrected



Right In: 273.664 $\pm$ 0.173 χ^2 /NDF: 2123.8/1

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

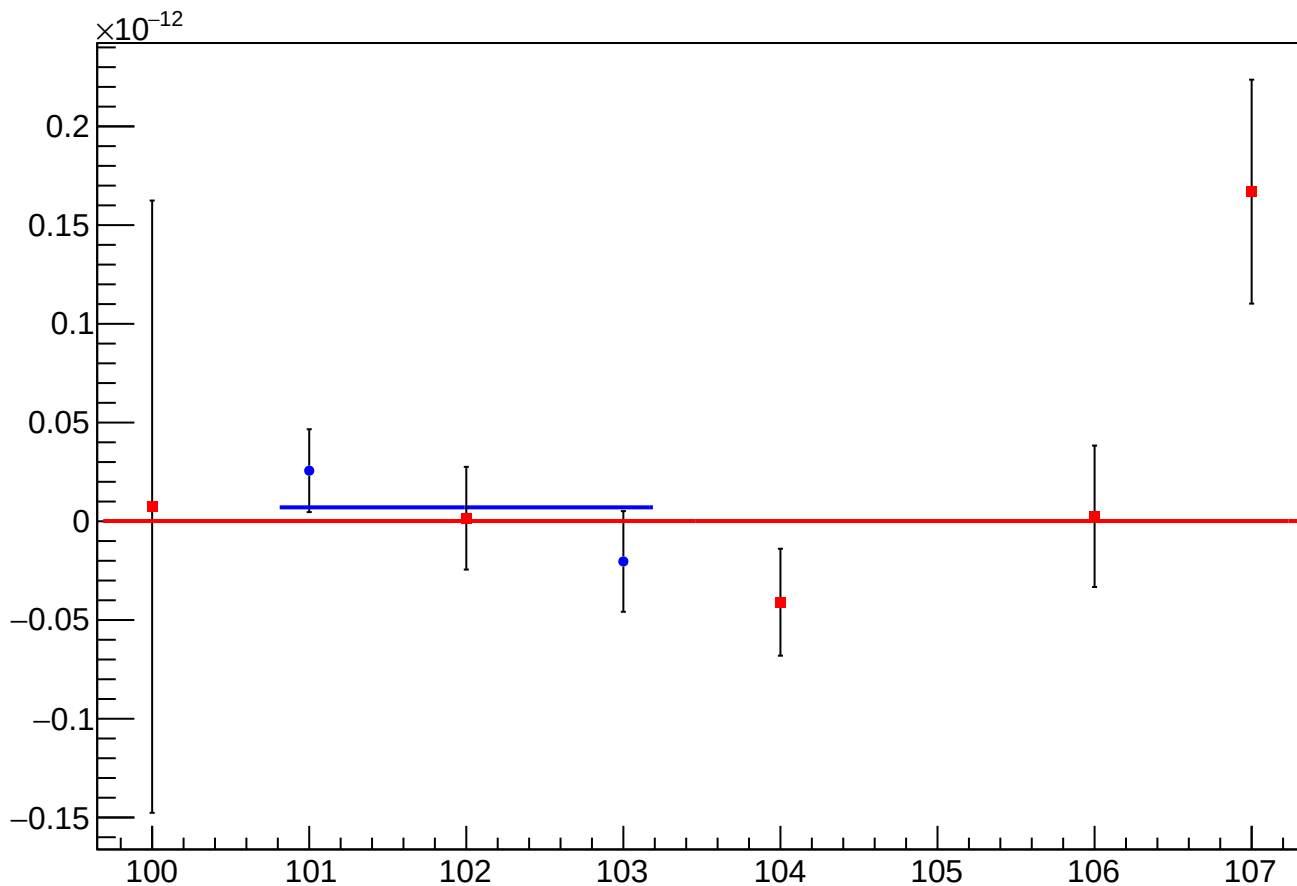
Right: 273.951 $\pm$ 0.111 χ^2 /NDF: 9520.7/6

In: 273.664 $\pm$ 0.173 χ^2 /NDF: 2123.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 273.951 $\pm$ 0.111 χ^2 /NDF: 9520.7/6

asym_sam8_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.9/1

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

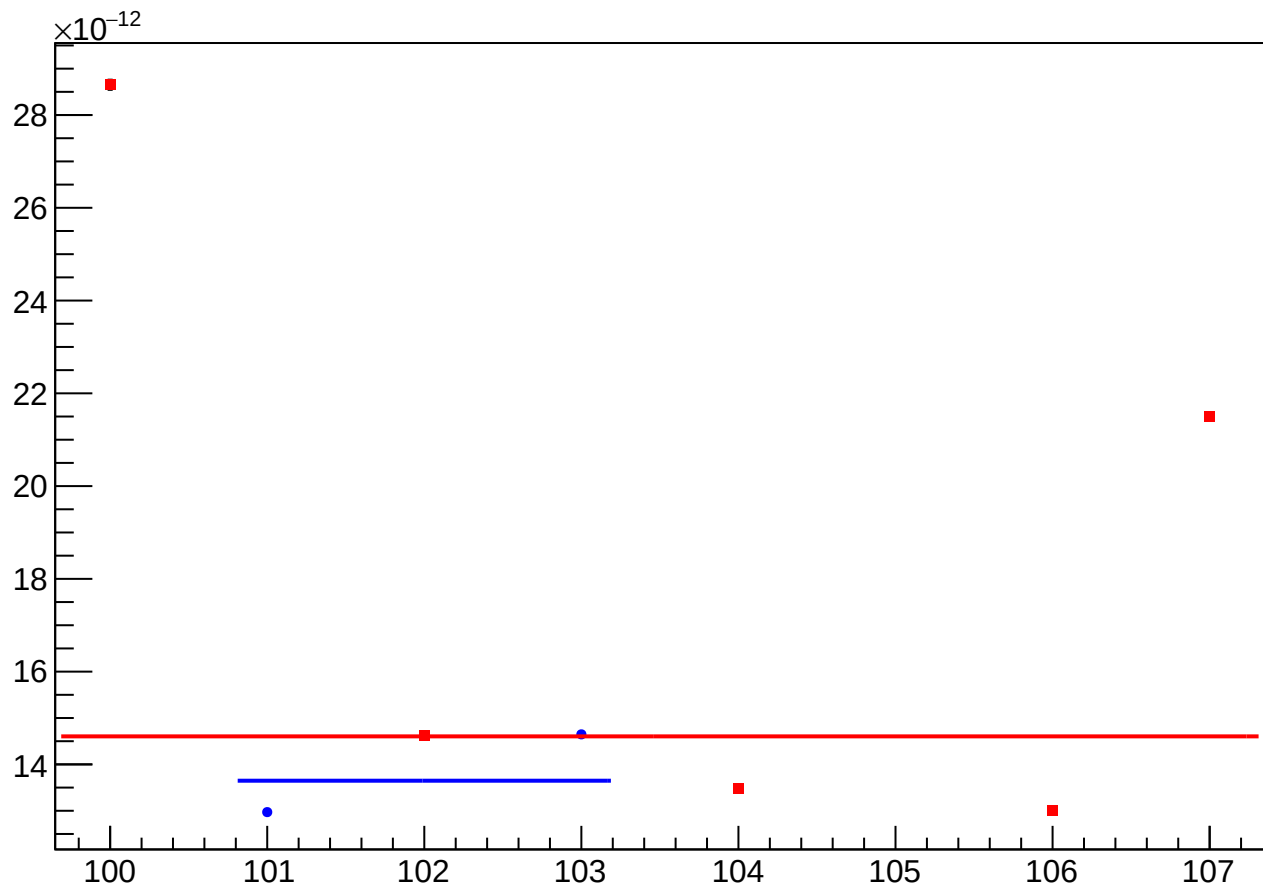
Right: 0.000+/-0.000 χ^2/NDF : 13.0/6

In: 0.000+/-0.000 χ^2/NDF : 1.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.0/6

asym_sam8_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5155.7/1

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

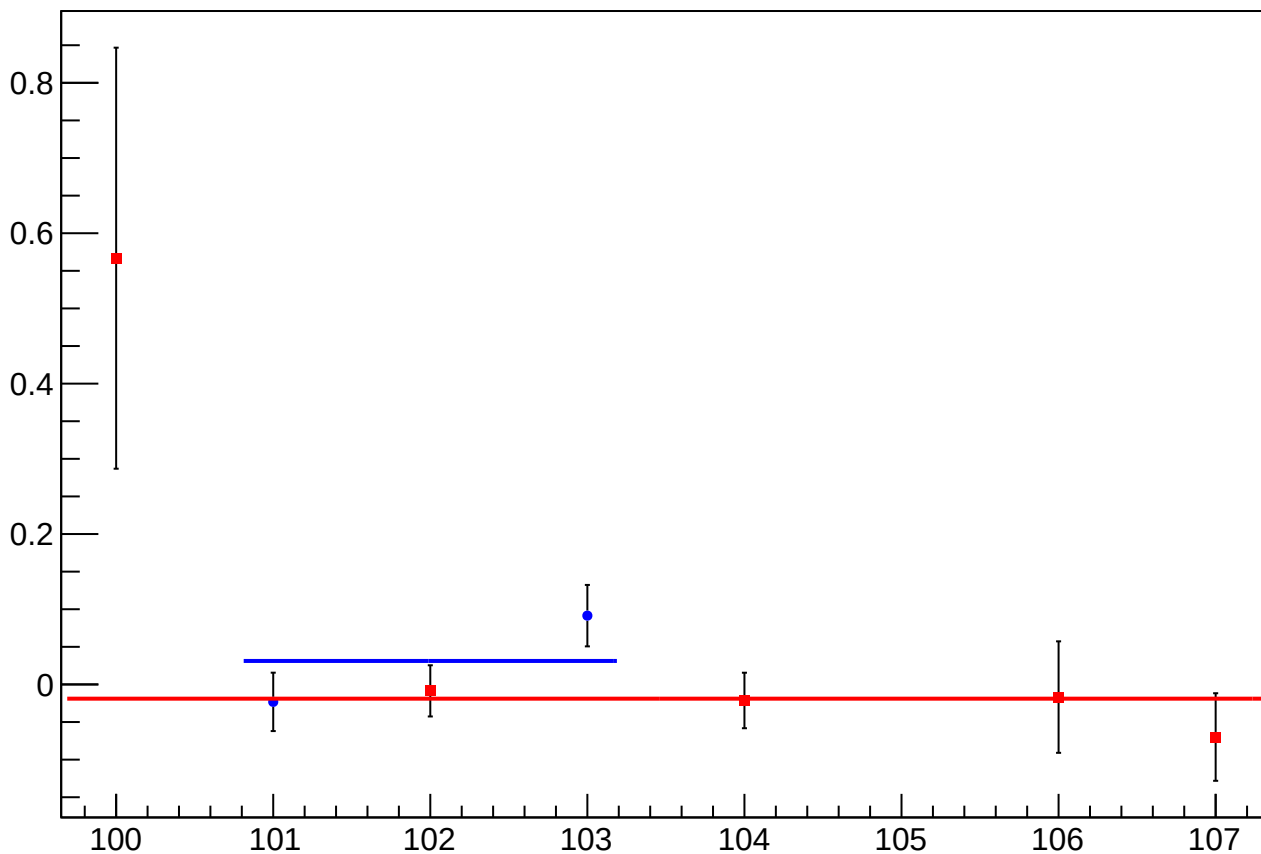
Right: 0.000+/-0.000 χ^2/NDF : 62021.0/6

In: 0.000+/-0.000 χ^2/NDF : 5155.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 62021.0/6

asym_sam8_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.031+/-0.028 χ^2/NDF : 4.1/1

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

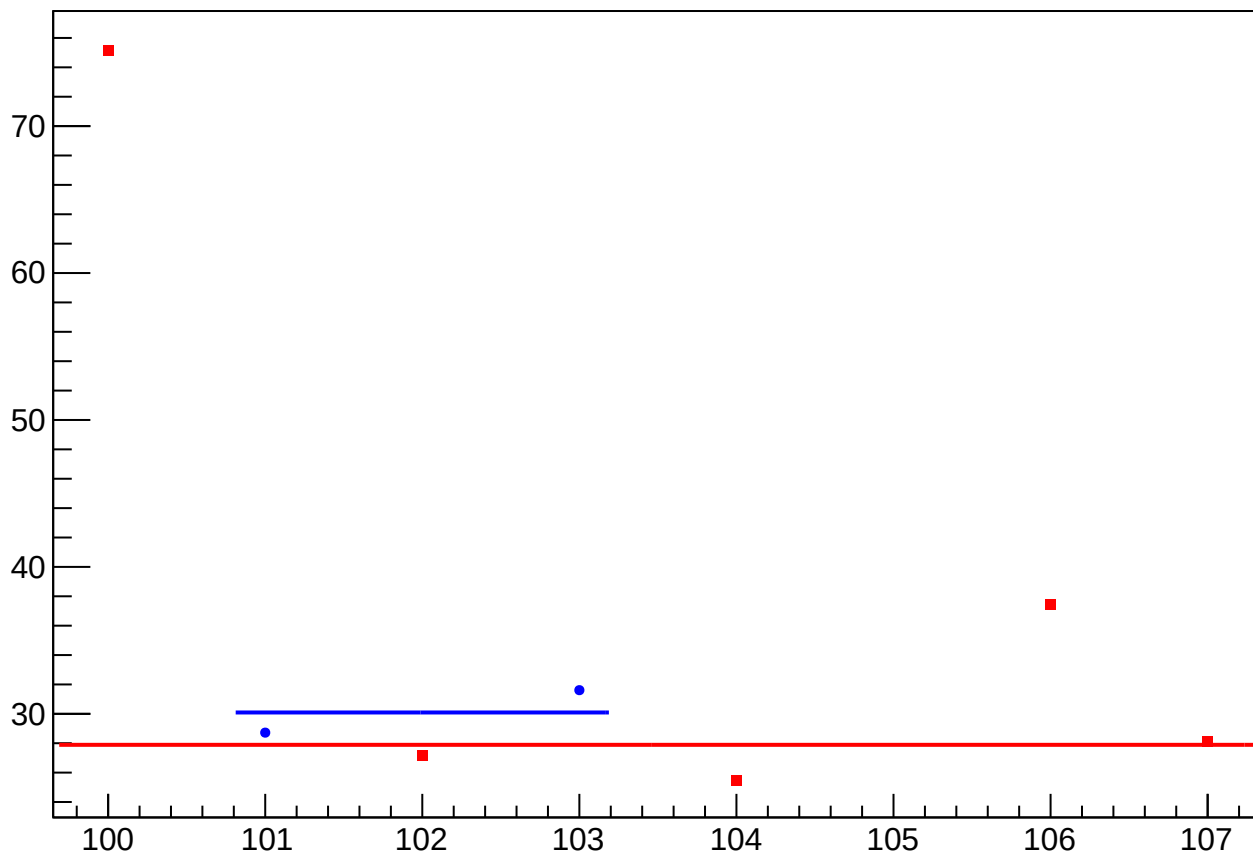
Right: -0.000+/-0.017 χ^2/NDF : 11.4/6

In: 0.031+/-0.028 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.017 χ^2/NDF : 11.4/6

asym_sam8_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.092 $\pm$ 0.020 χ^2 /NDF: 5261.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.890 $\pm$ 0.015 χ^2 /NDF: 99719.5/4

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

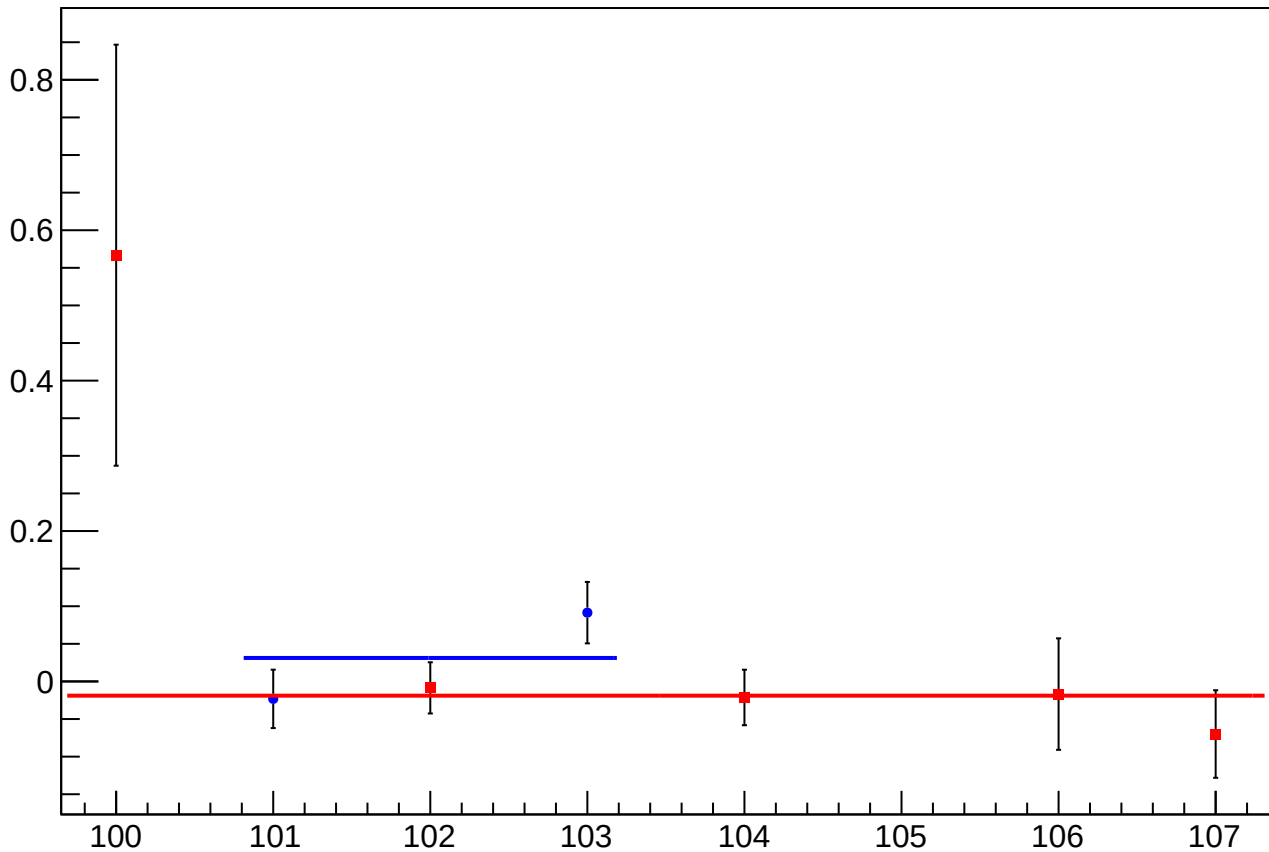
Right: 28.720 $\pm$ 0.012 χ^2 /NDF: 112609.7/6

In: 30.092 $\pm$ 0.020 χ^2 /NDF: 5261.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.720 $\pm$ 0.012 χ^2 /NDF: 112609.7/6

asym_sam8_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.031+/-0.028 χ^2/NDF : 4.1/1

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

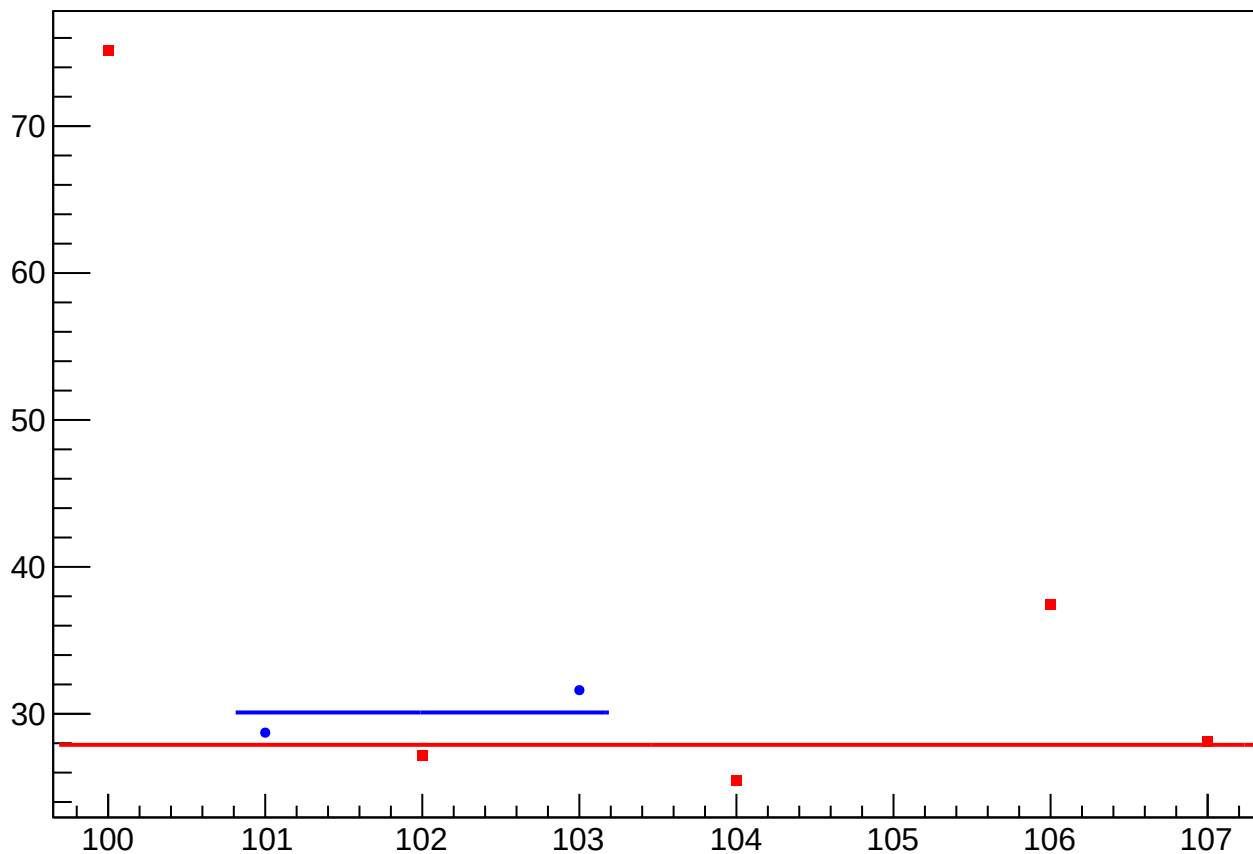
Right: -0.000+/-0.017 χ^2/NDF : 11.4/6

In: 0.031+/-0.028 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.017 χ^2/NDF : 11.4/6

asym_sam8_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.092 ± 0.020 $\chi^2/\text{NDF}: 5261.6/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 27.890 ± 0.015 $\chi^2/\text{NDF}: 99719.5/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

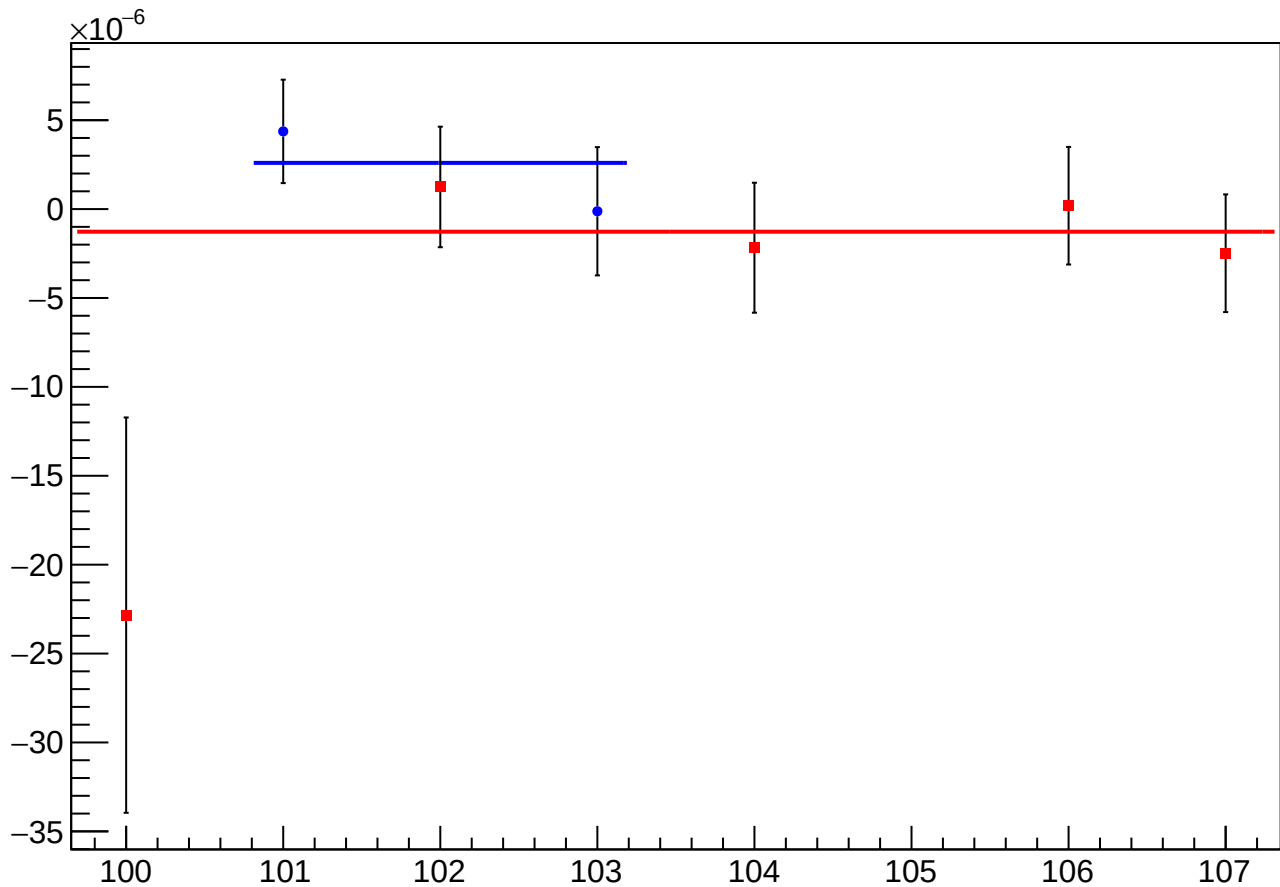
Right: 28.720 ± 0.012 $\chi^2/\text{NDF}: 112609.7/6$

In: 30.092 ± 0.020 $\chi^2/\text{NDF}: 5261.6/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 28.720 ± 0.012 $\chi^2/\text{NDF}: 112609.7/6$

asym_sam8_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.9/1

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

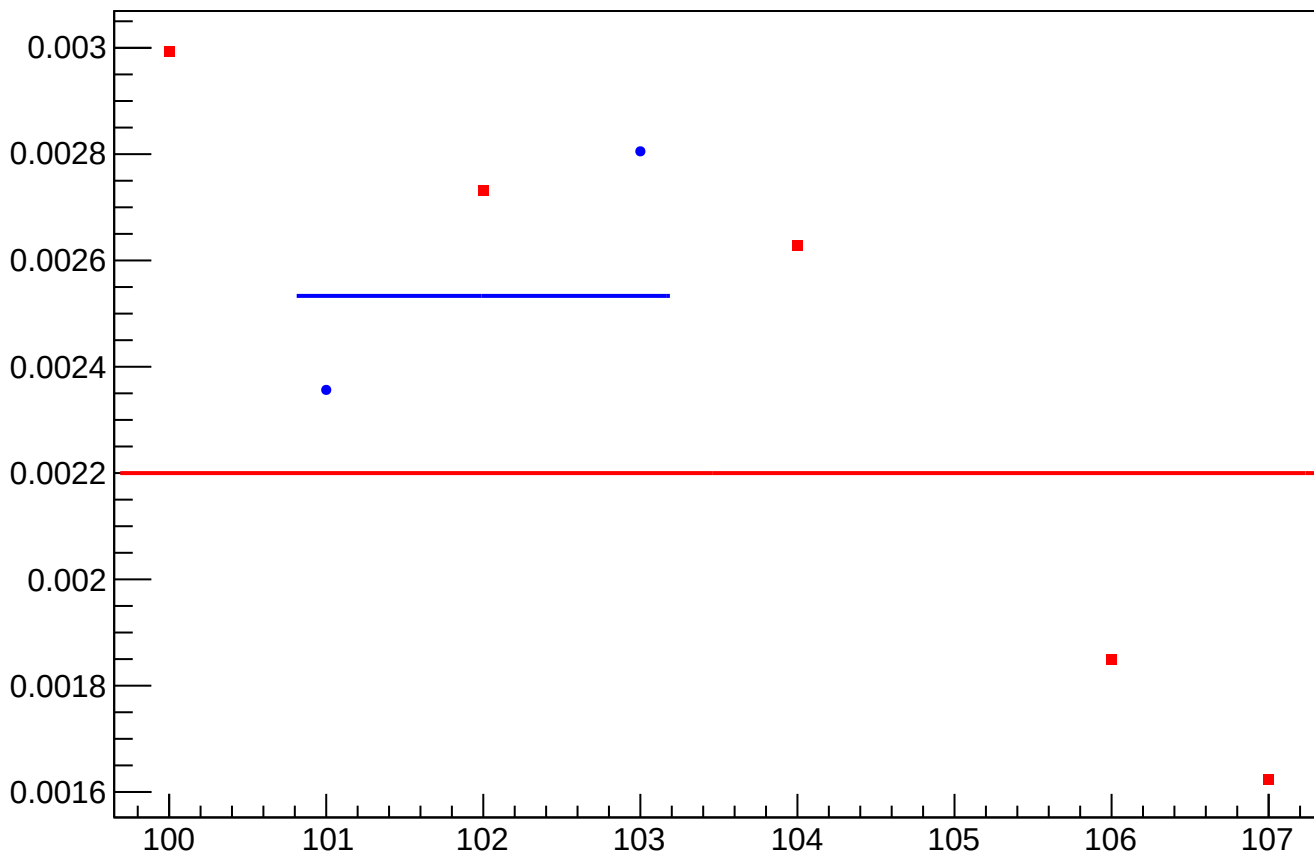
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.5/6

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.5/6

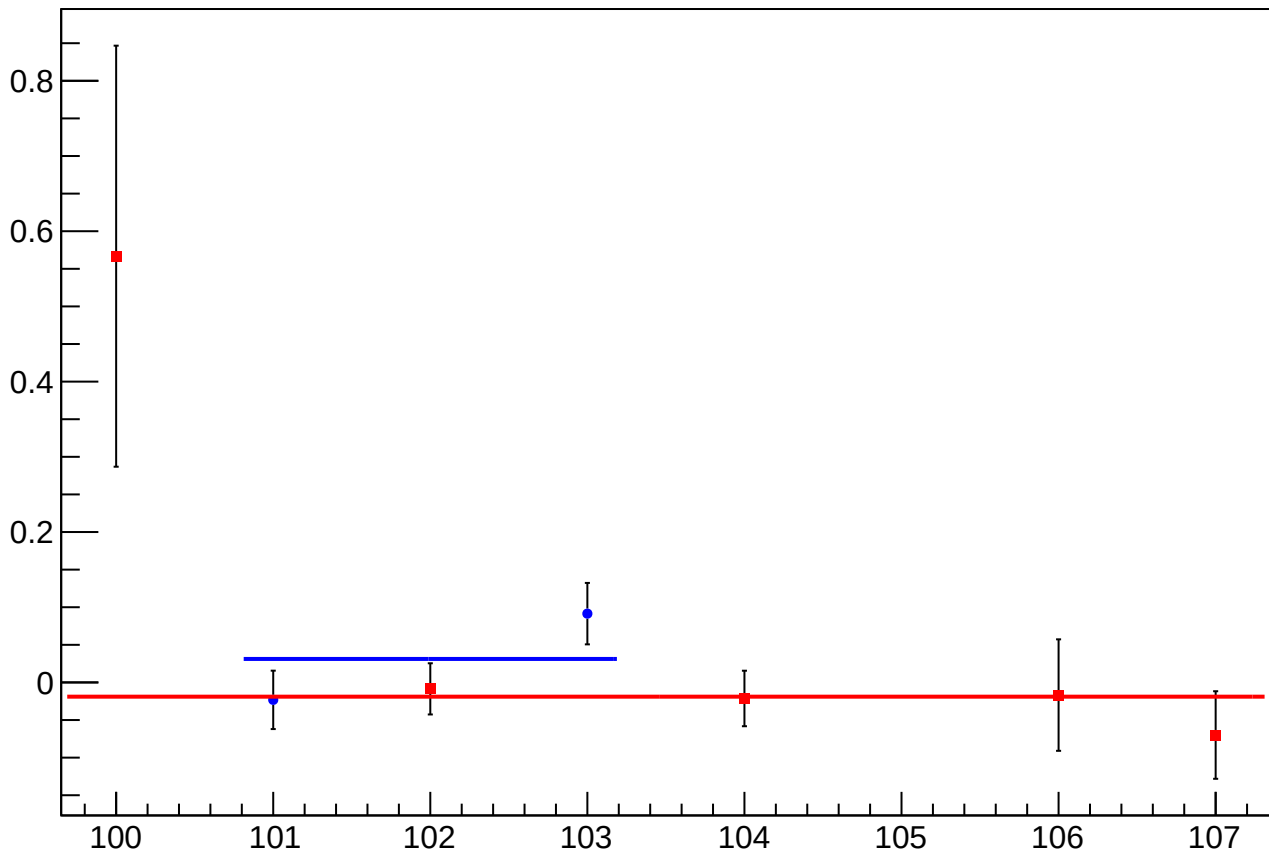
asym_sam8_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 18759.4/1
 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 : 216336.3/6
 In: 0.003+/-0.000 χ^2/NDF :18759.4/1
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.002+/-0.000 χ^2/NDF : 216336.3/6

asym_sam8_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.031+/-0.028 χ^2/NDF : 4.1/1

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

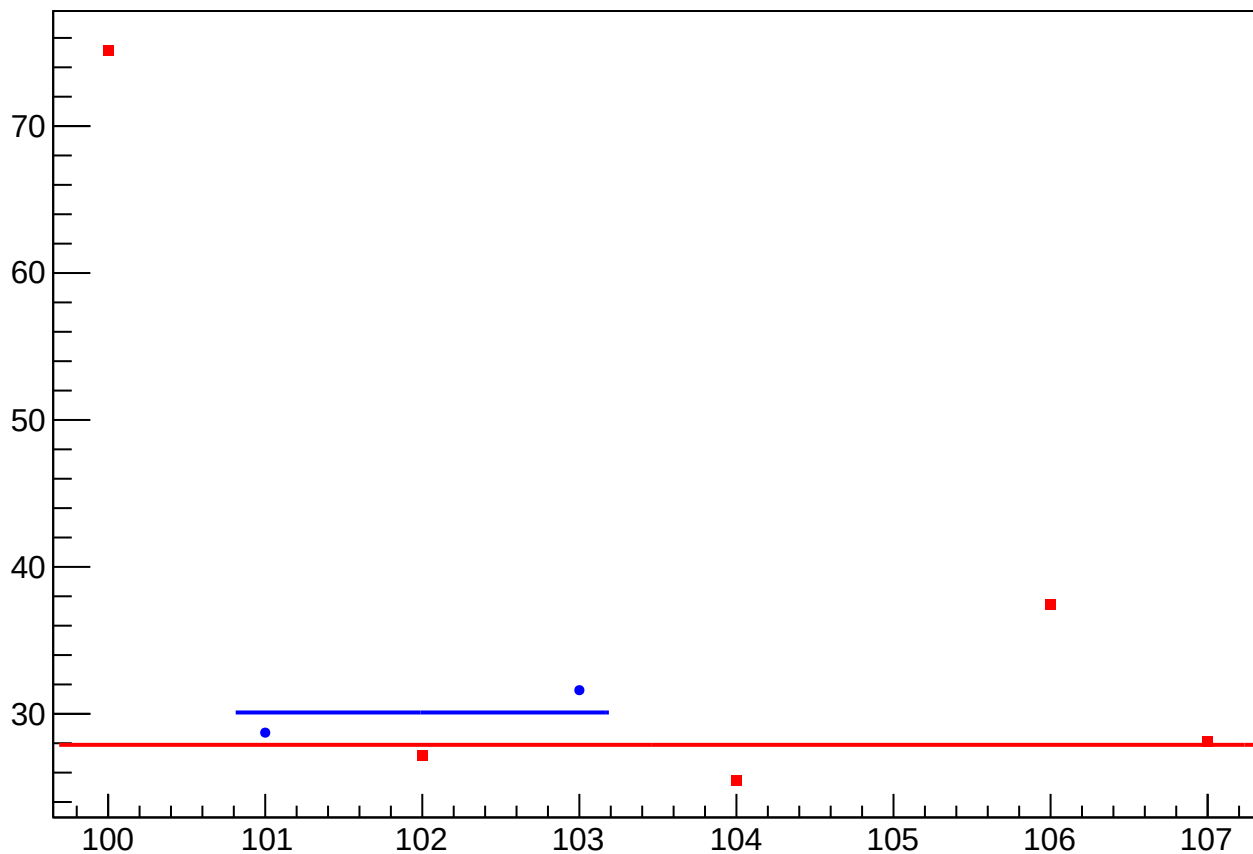
Right: -0.000+/-0.017 χ^2/NDF : 11.4/6

In: 0.031+/-0.028 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.017 χ^2/NDF : 11.4/6

asym_sam8_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.092 $\pm$ 0.020 χ^2 /NDF: 5261.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.891 $\pm$ 0.015 χ^2 /NDF: 99717.3/4

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

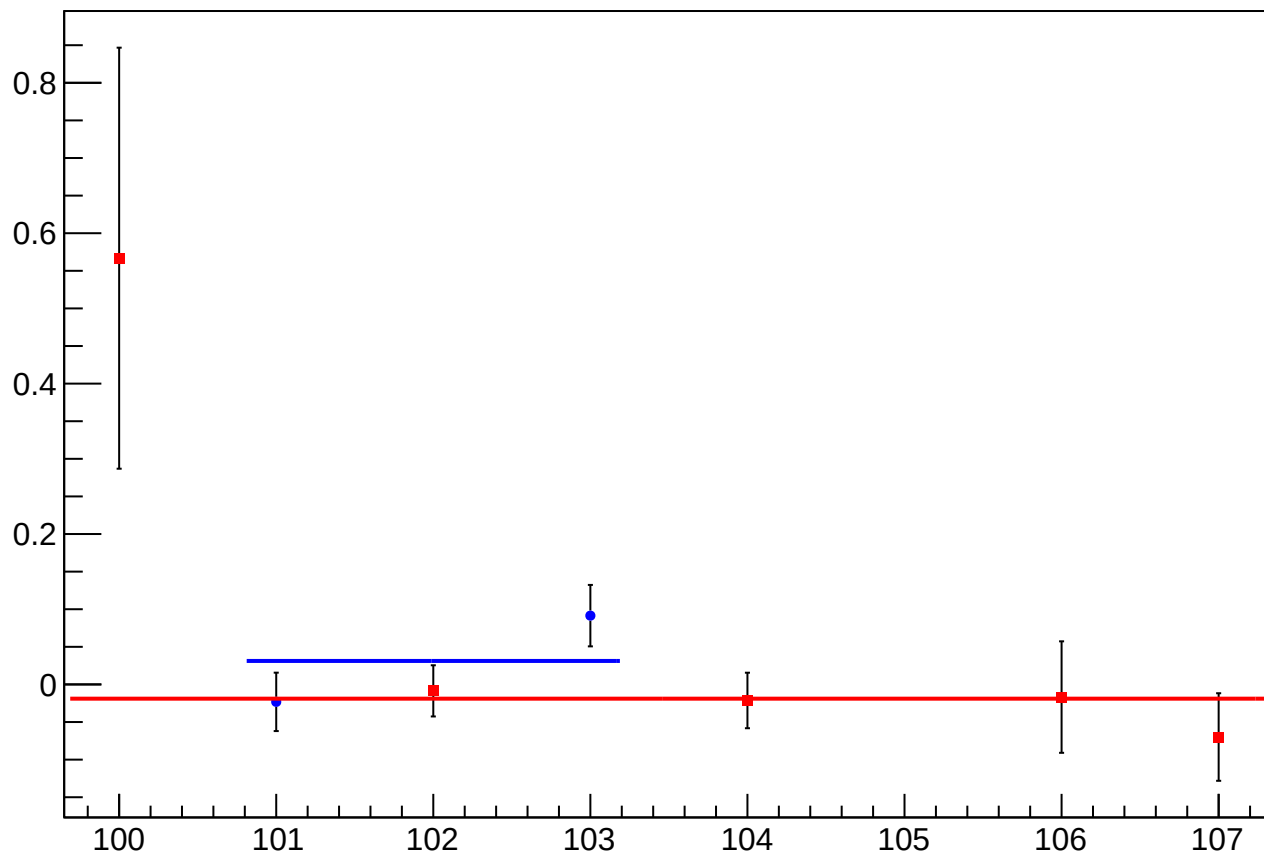
Right: 28.721 $\pm$ 0.012 χ^2 /NDF: 112605.6/6

In: 30.092 $\pm$ 0.020 χ^2 /NDF: 5261.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.721 $\pm$ 0.012 χ^2 /NDF: 112605.6/6

asym_sam8_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.031+/-0.028 χ^2/NDF : 4.1/1

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

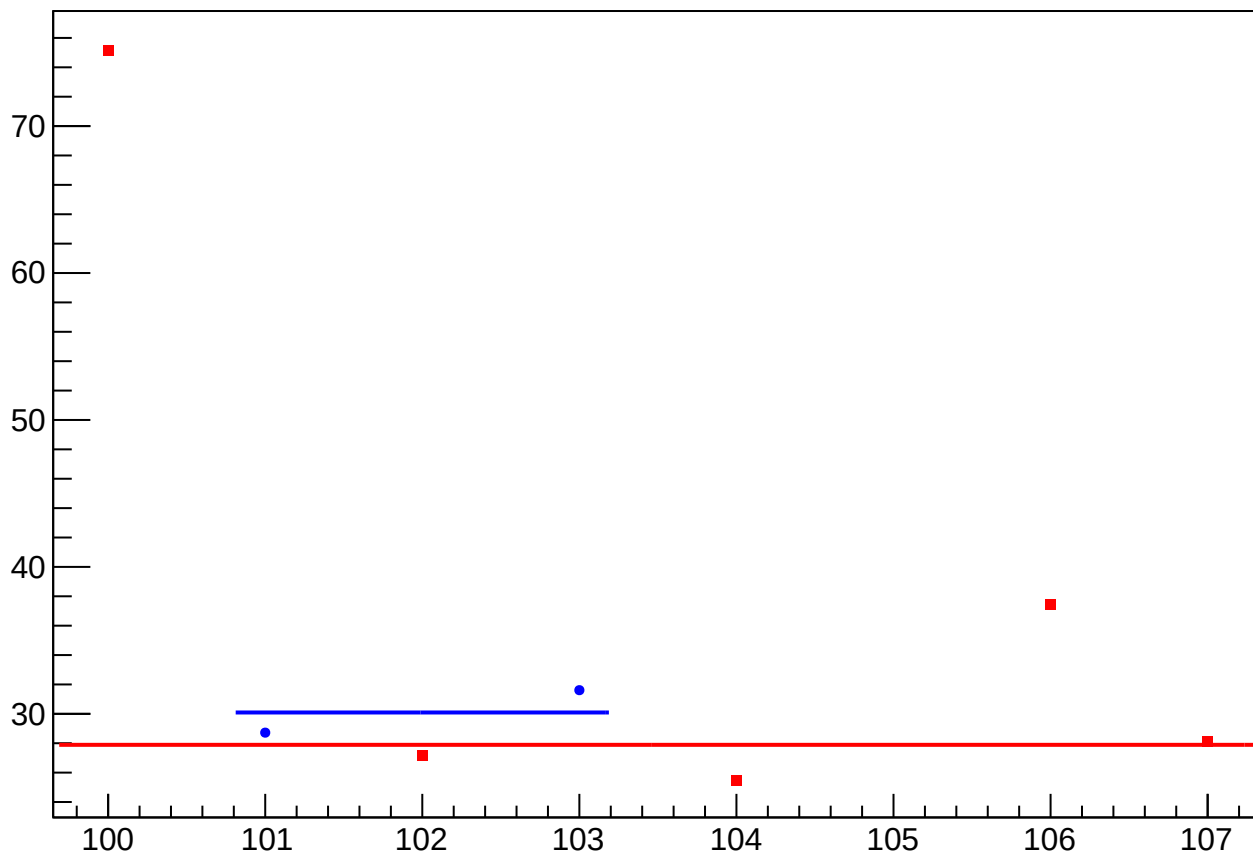
Right: -0.000+/-0.017 χ^2/NDF : 11.4/6

In: 0.031+/-0.028 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.017 χ^2/NDF : 11.4/6

asym_sam8_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.092+/-0.020 χ^2/NDF : 5261.5/1

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

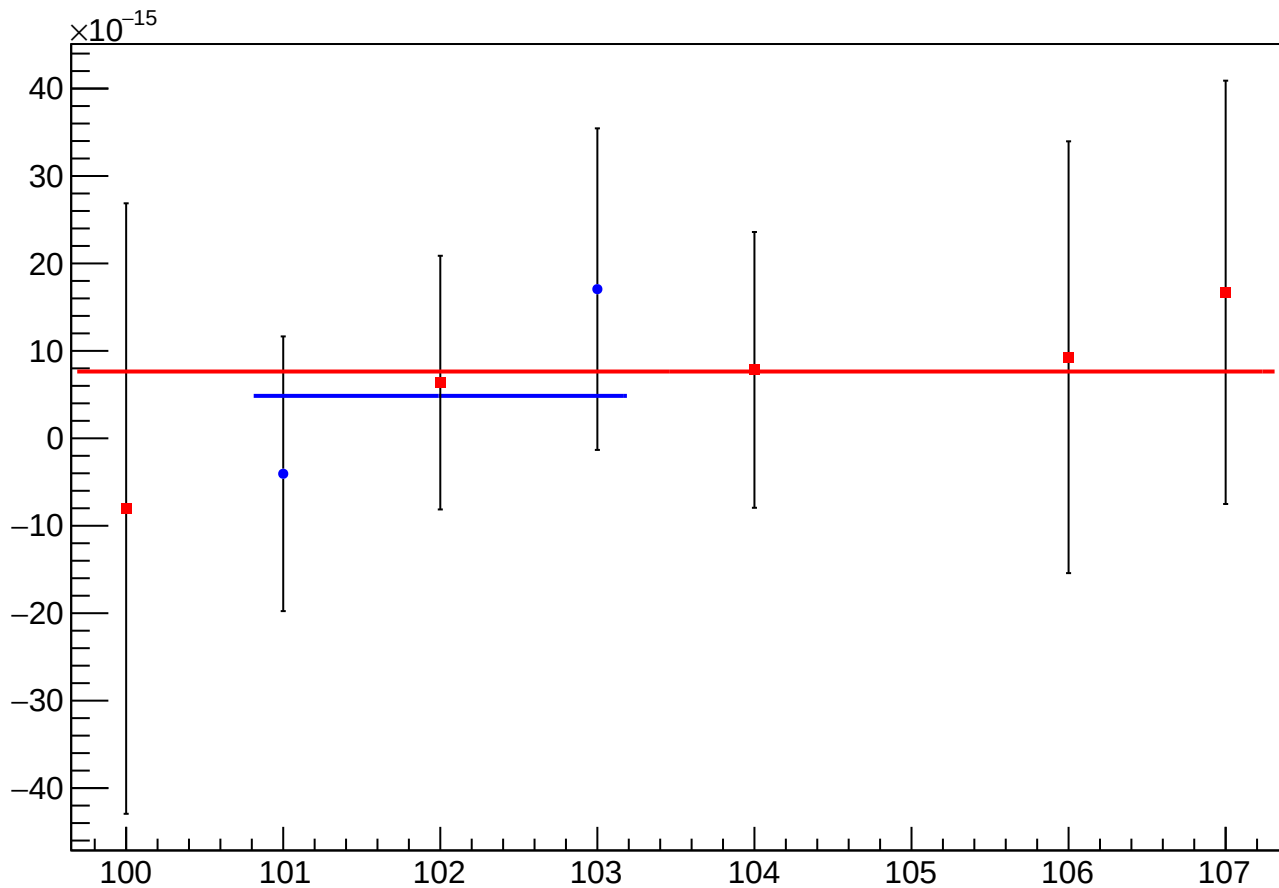
Right: 28.721+/-0.012 χ^2/NDF : 112605.6/6

In: 30.092+/-0.020 χ^2/NDF : 5261.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.721+/-0.012 χ^2/NDF : 112605.6/6

asym_sam8_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.8/1

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

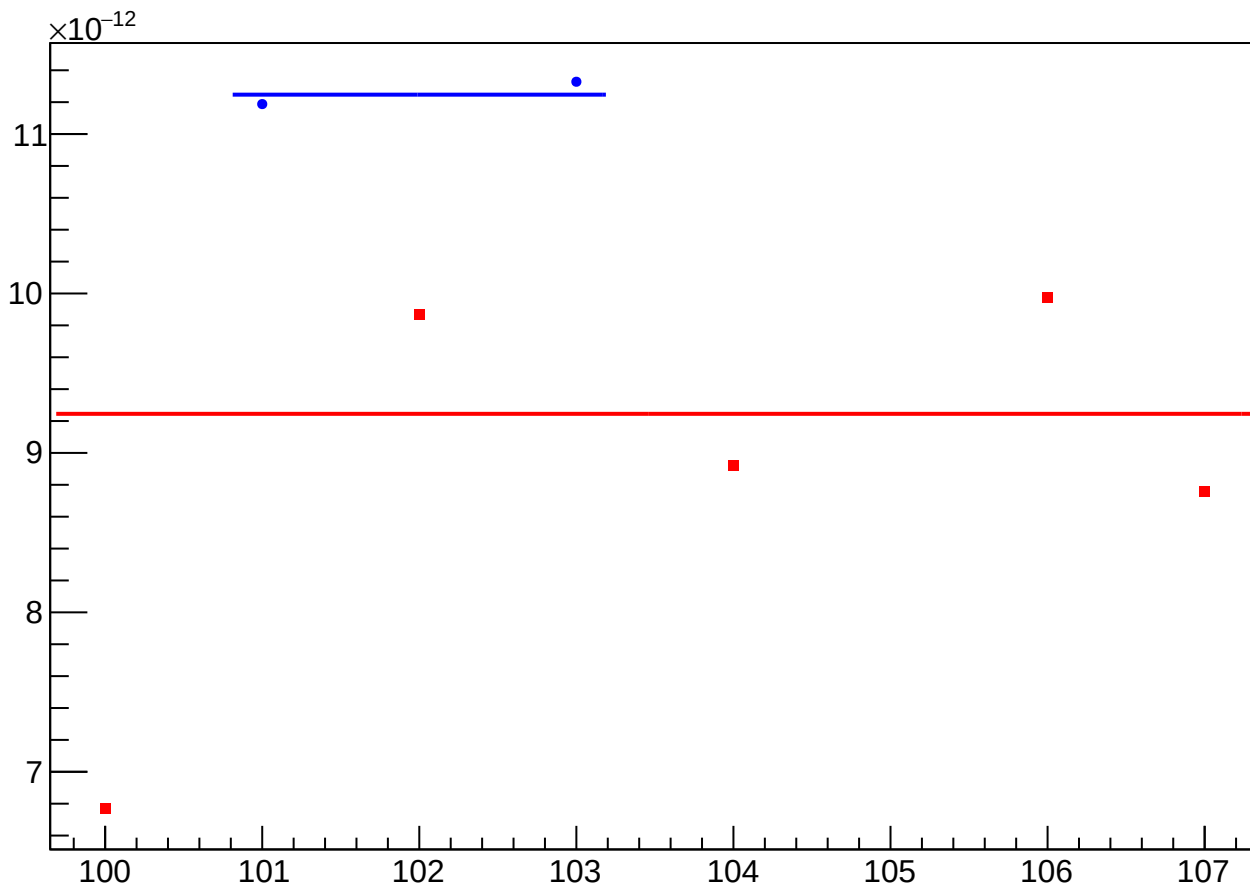
Right: 0.000+/-0.000 χ^2/NDF : 1.2/6

In: 0.000+/-0.000 χ^2/NDF : 0.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1.2/6

asym_sam8_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 67.1/1

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

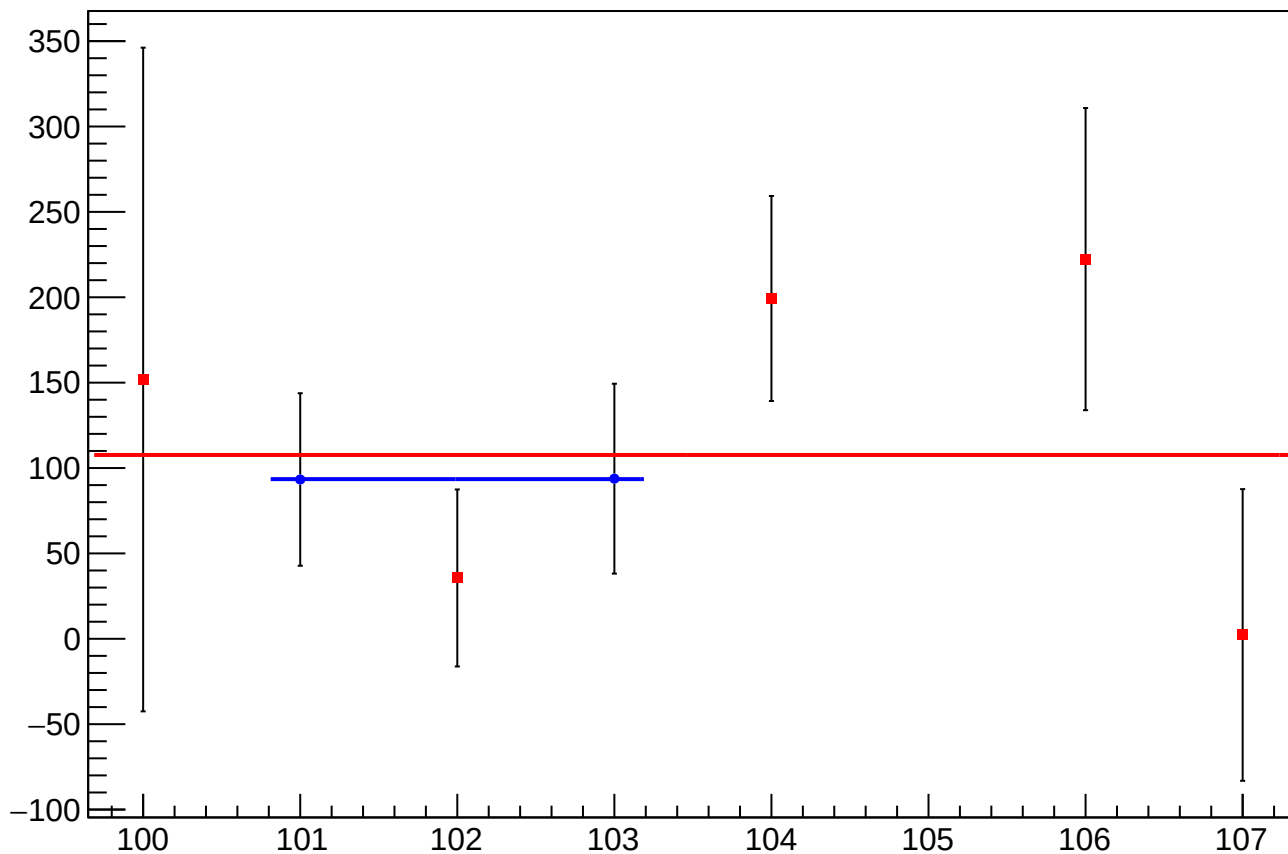
Right: 0.000+/-0.000 χ^2/NDF : 53708.5/6

In: 0.000+/-0.000 χ^2/NDF : 67.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 53708.5/6

reg_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 93.506+/-37.388 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.650+/-32.598 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

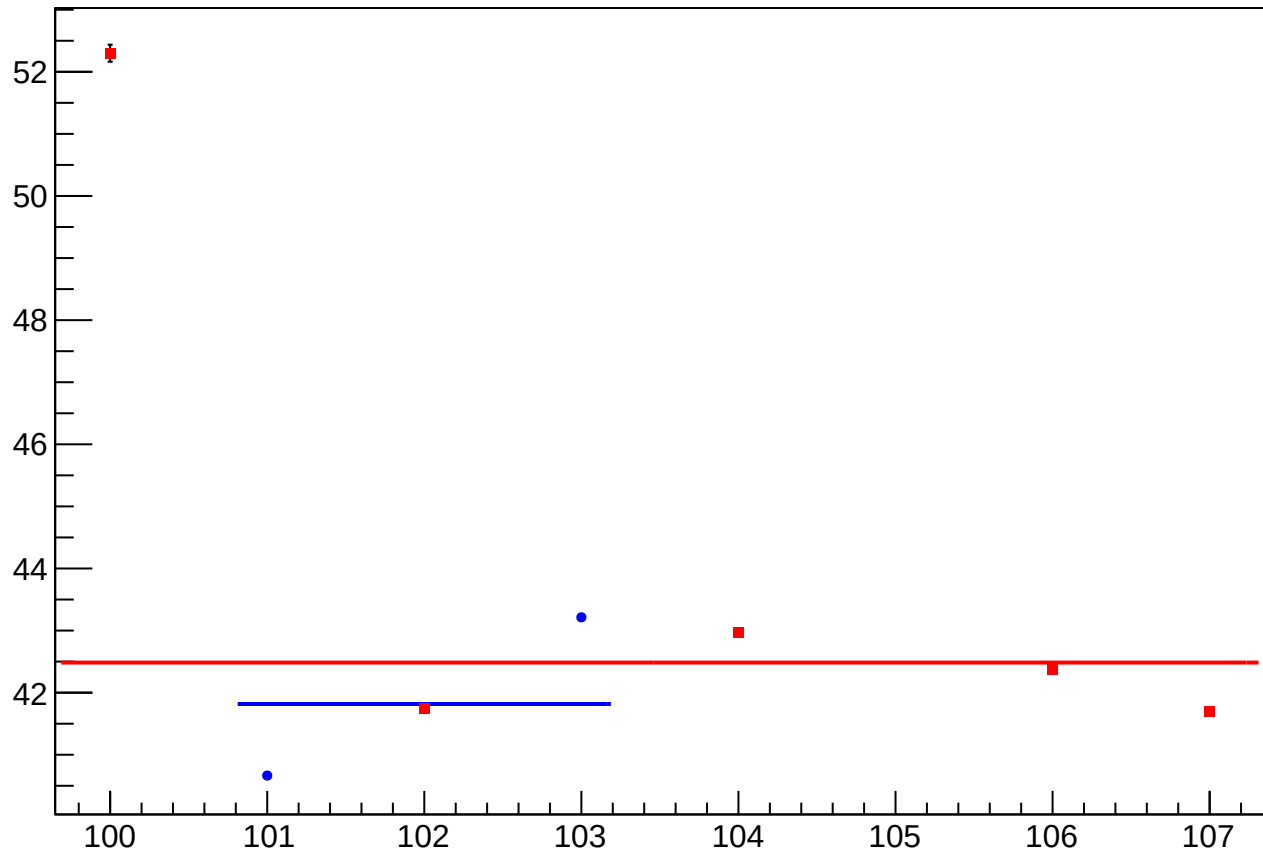
Right: 101.542+/-24.570 χ^2/NDF : 7.6/6

In: 93.506+/-37.388 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.542+/-24.570 χ^2/NDF : 7.6/6

reg_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 41.817+/-0.026 χ^2/NDF : 2303.6/1

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

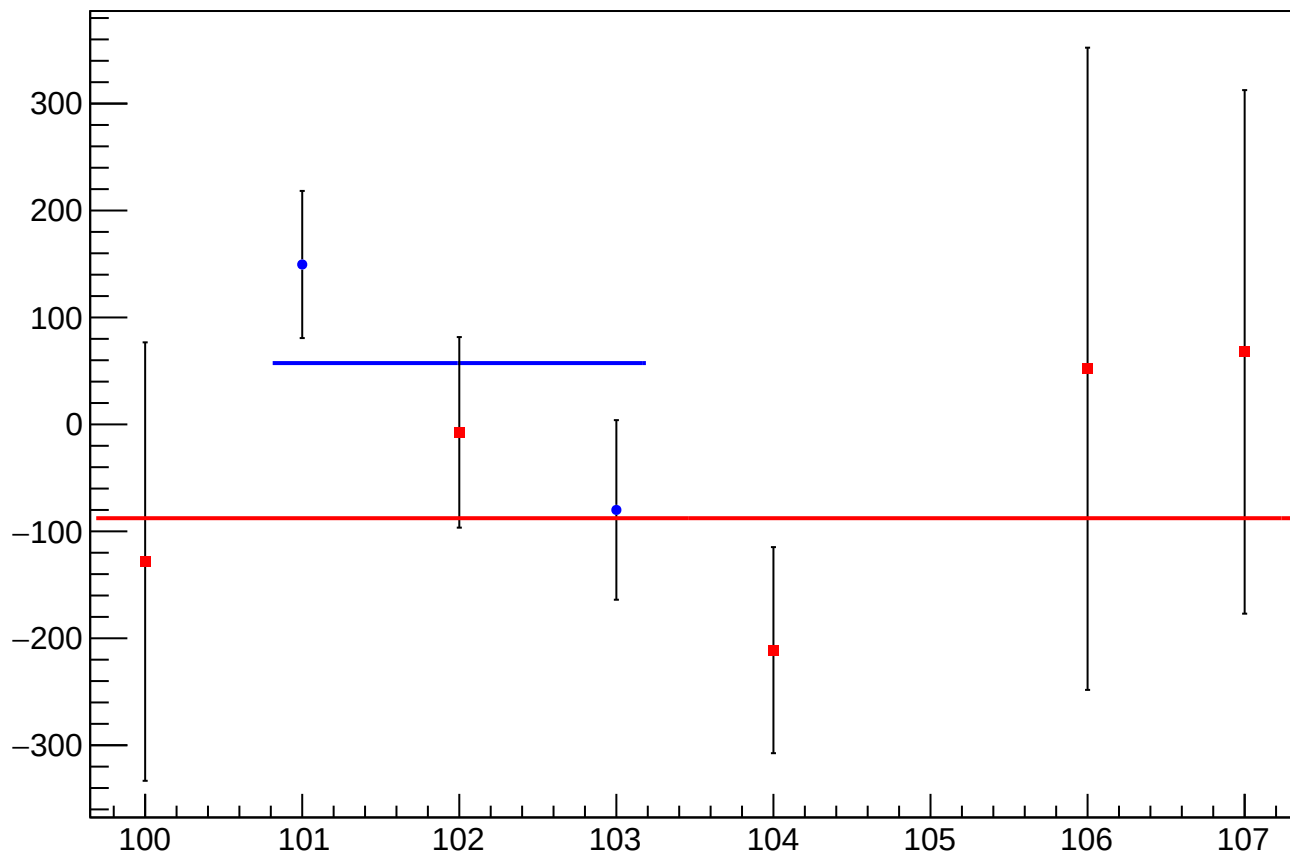
Right: 42.197+/-0.017 χ^2/NDF : 8472.7/6

In: 41.817+/-0.026 χ^2/NDF : 2303.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.197+/-0.017 χ^2/NDF : 8472.7/6

asym_sam_15_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 57.344+/-53.216 χ^2/NDF : 4.5/1

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

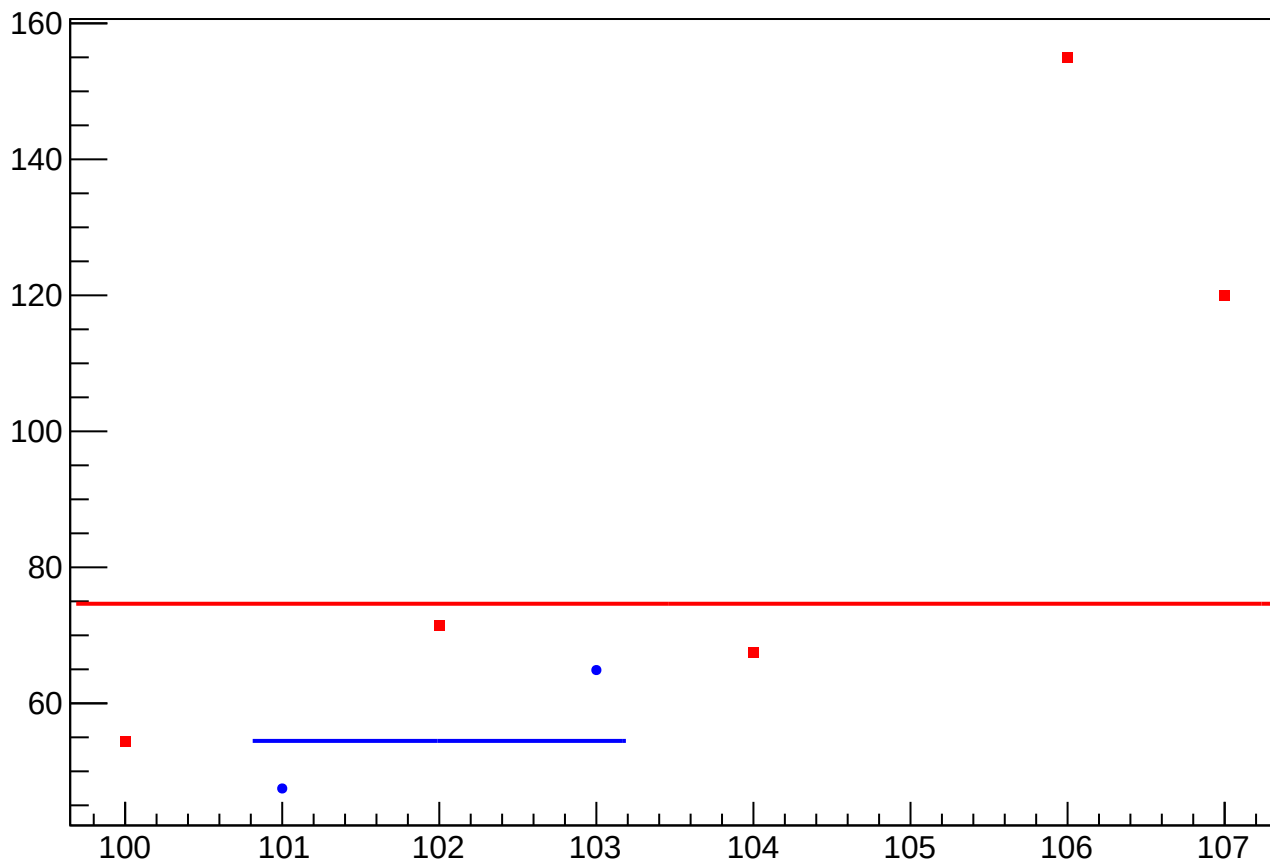
Right: -7.471+/-39.579 χ^2/NDF : 10.9/6

In: 57.344+/-53.216 χ^2/NDF : 4.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.471+/-39.579 χ^2/NDF : 10.9/6

asym_sam_15_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 54.475+/-0.038 χ^2/NDF : 51476.8/1

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

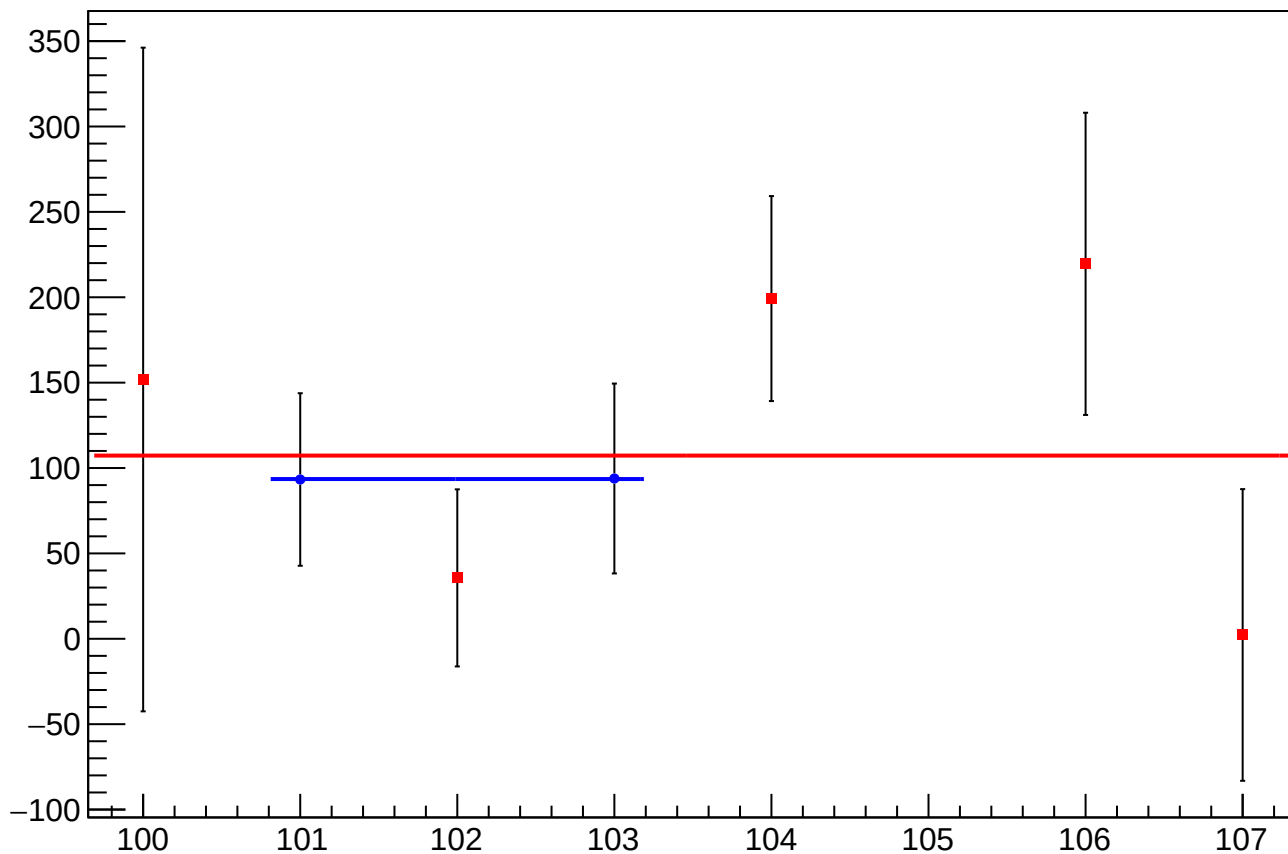
Right: 63.488+/-0.028 χ^2/NDF : 424811.8/6

In: 54.475+/-0.038 χ^2/NDF : 51476.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.488+/-0.028 χ^2/NDF : 424811.8/6

cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 93.546+/-37.388 χ^2/NDF : 0.0/1

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

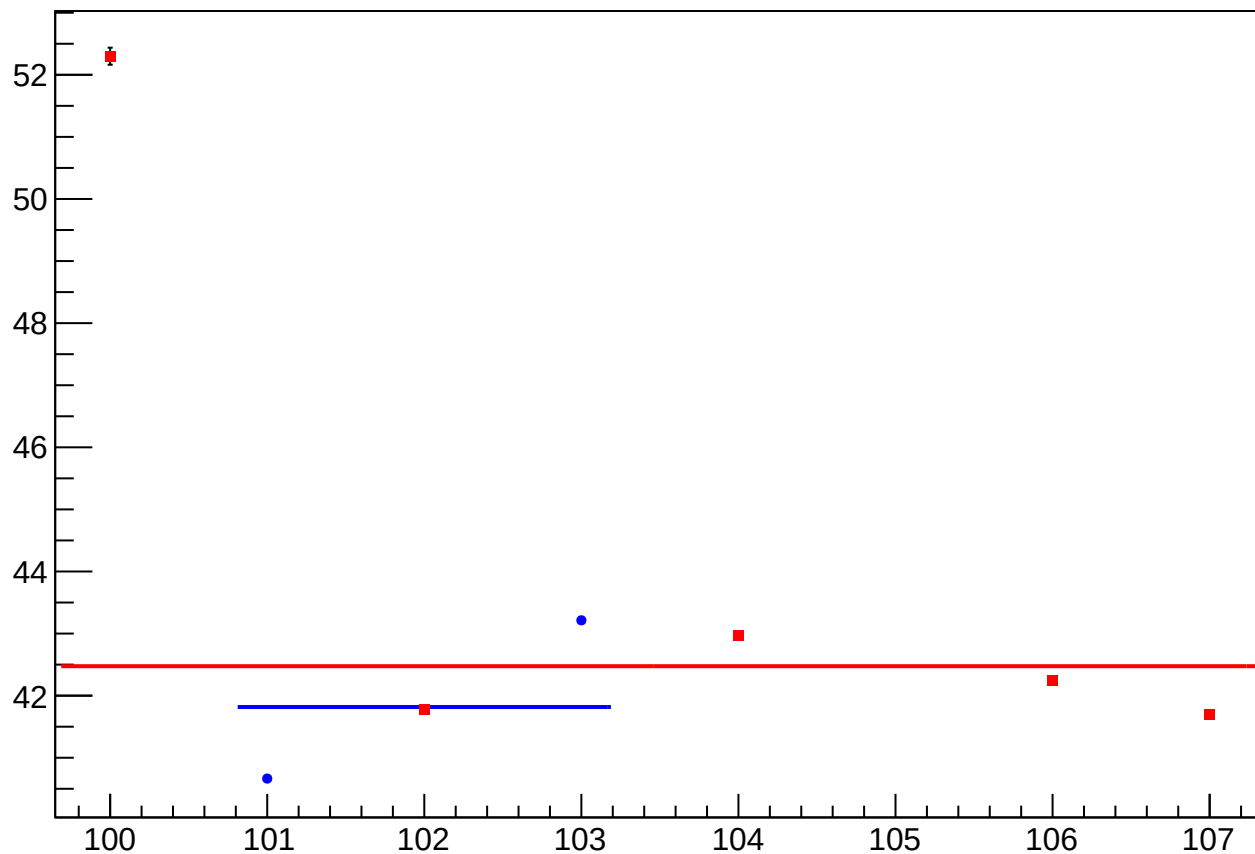
Right: 101.352+/-24.573 χ^2/NDF : 7.5/6

In: 93.546+/-37.388 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.352+/-24.573 χ^2/NDF : 7.5/6

cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 41.817+/-0.026 χ^2/NDF : 2303.7/1

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

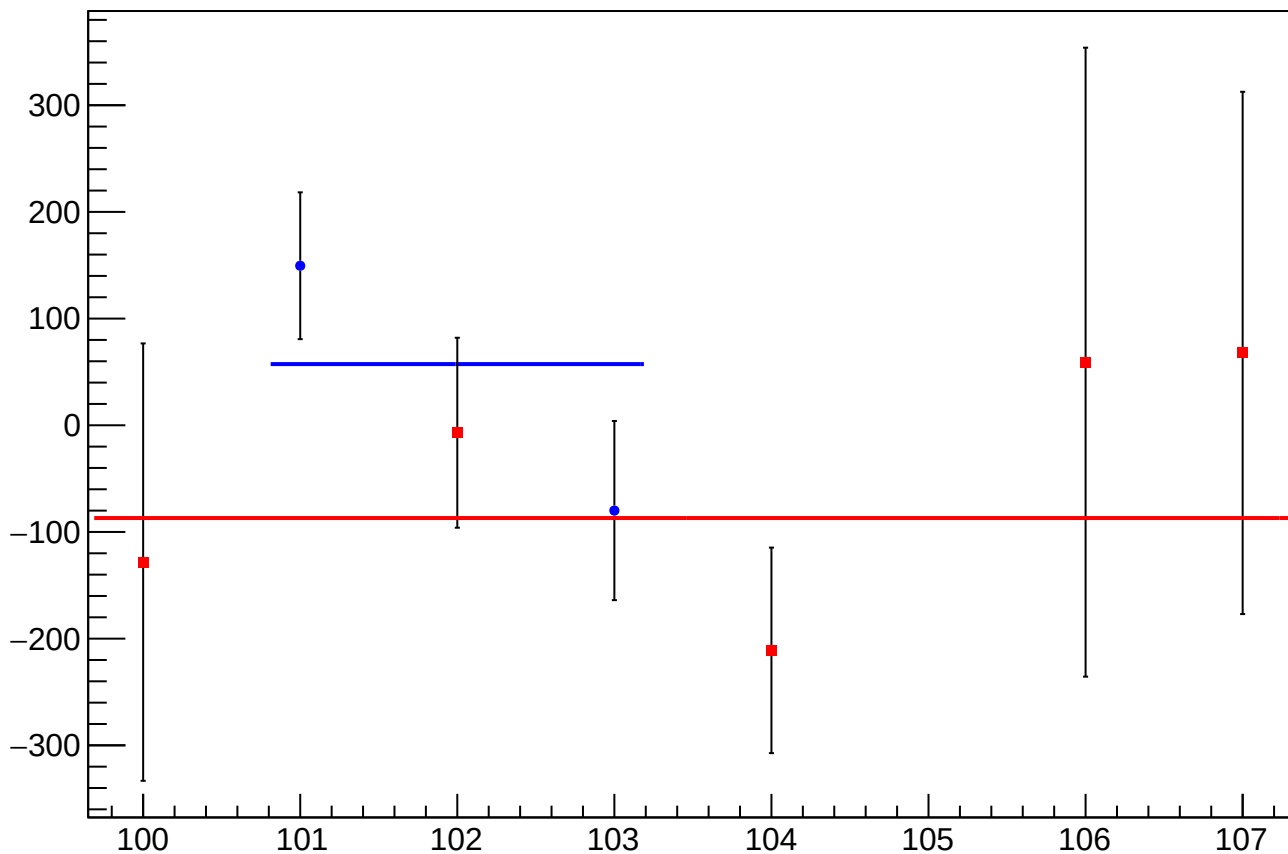
Right: 42.191+/-0.017 χ^2/NDF : 8454.6/6

In: 41.817+/-0.026 χ^2/NDF : 2303.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.191+/-0.017 χ^2/NDF : 8454.6/6

asym_sam_15_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 57.347 +/- 53.214 χ^2/NDF : 4.5/1

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -86.949 +/- 59.139 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

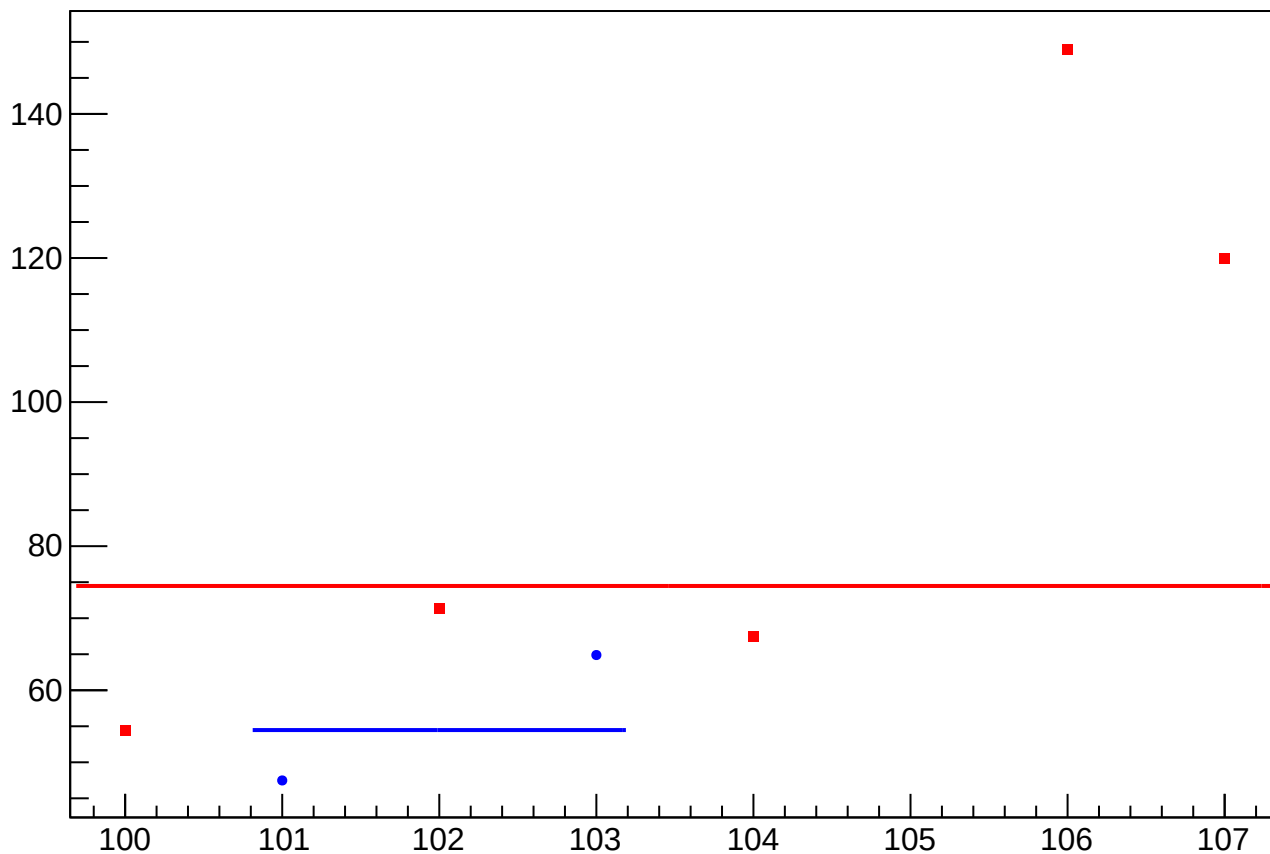
Right: -7.213 +/- 39.557 χ^2/NDF : 10.9/6

In: 57.347 +/- 53.214 χ^2/NDF : 4.5/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -7.213 +/- 39.557 χ^2/NDF : 10.9/6

asym_sam_15_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 54.474+/-0.038 χ^2/NDF : 51449.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.477+/-0.042 χ^2/NDF : 228972.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

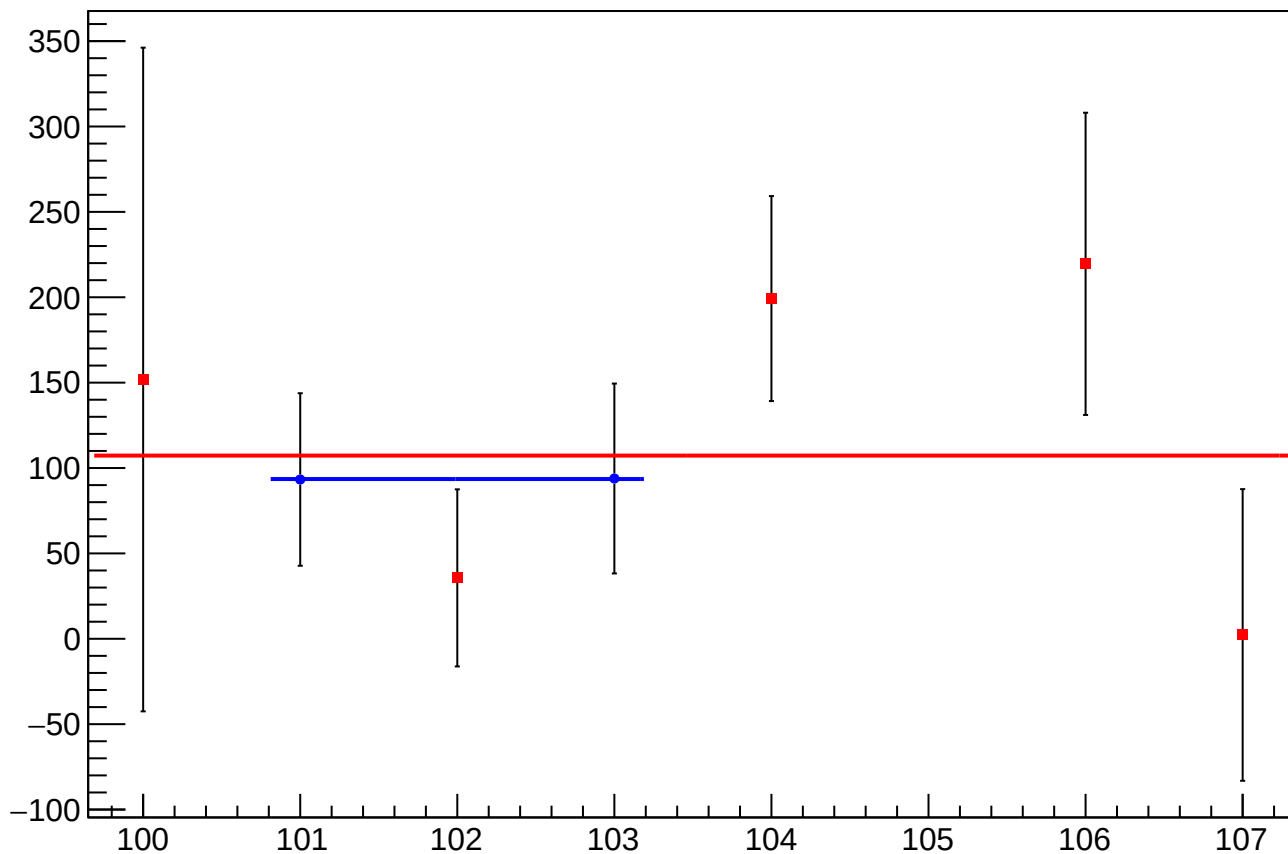
Right: 63.423+/-0.028 χ^2/NDF : 406856.0/6

In: 54.474+/-0.038 χ^2/NDF : 51449.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.423+/-0.028 χ^2/NDF : 406856.0/6

eigen_cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 93.546 $\pm$ 37.388 χ^2 /NDF: 0.0/1

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

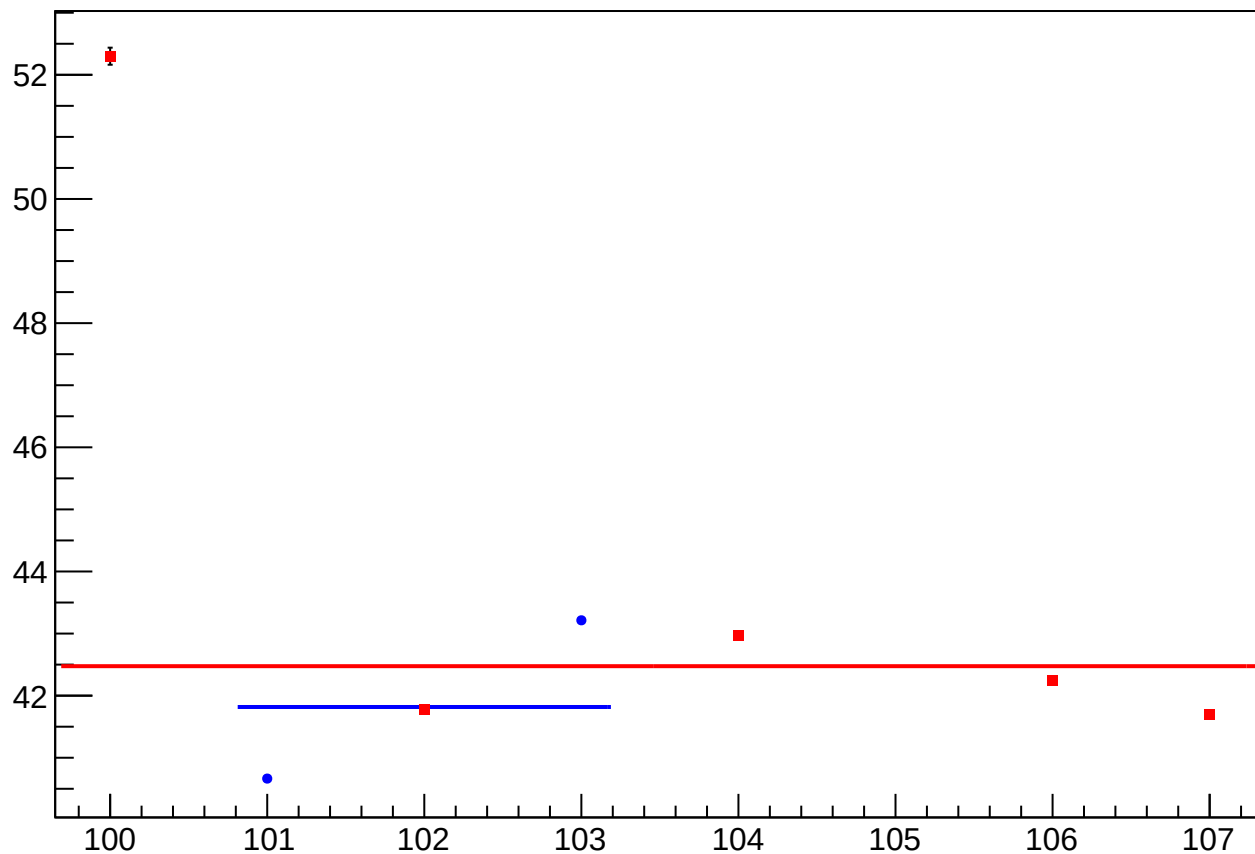
Right: 101.352 $\pm$ 24.573 χ^2 /NDF: 7.5/6

In: 93.546 $\pm$ 37.388 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 101.352 $\pm$ 24.573 χ^2 /NDF: 7.5/6

eigen_cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 41.817+/-0.026 χ^2/NDF : 2303.7/1

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

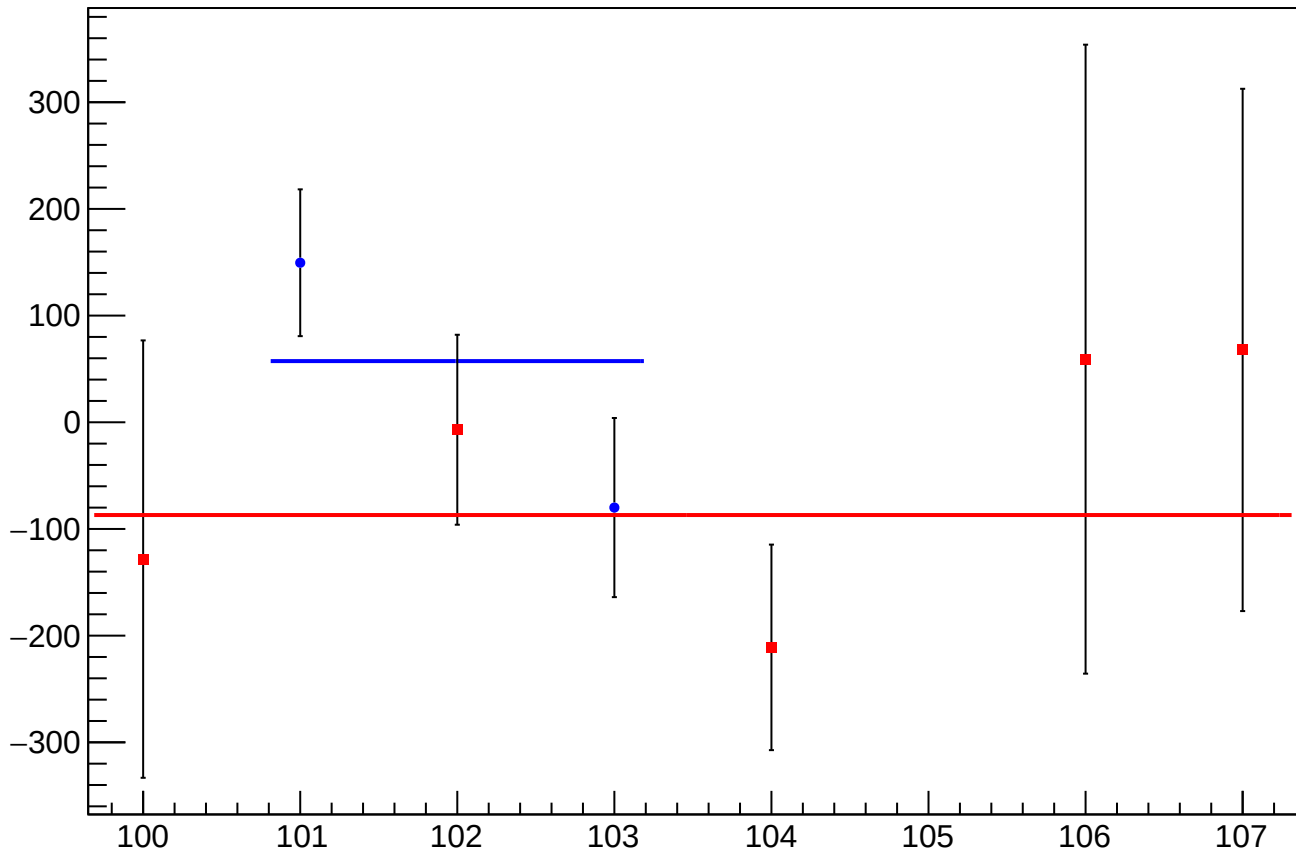
Right: 42.191+/-0.017 χ^2/NDF : 8454.6/6

In: 41.817+/-0.026 χ^2/NDF : 2303.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.191+/-0.017 χ^2/NDF : 8454.6/6

asym_sam_15_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 57.347+/-53.214 χ^2/NDF : 4.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -86.949+/-59.139 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

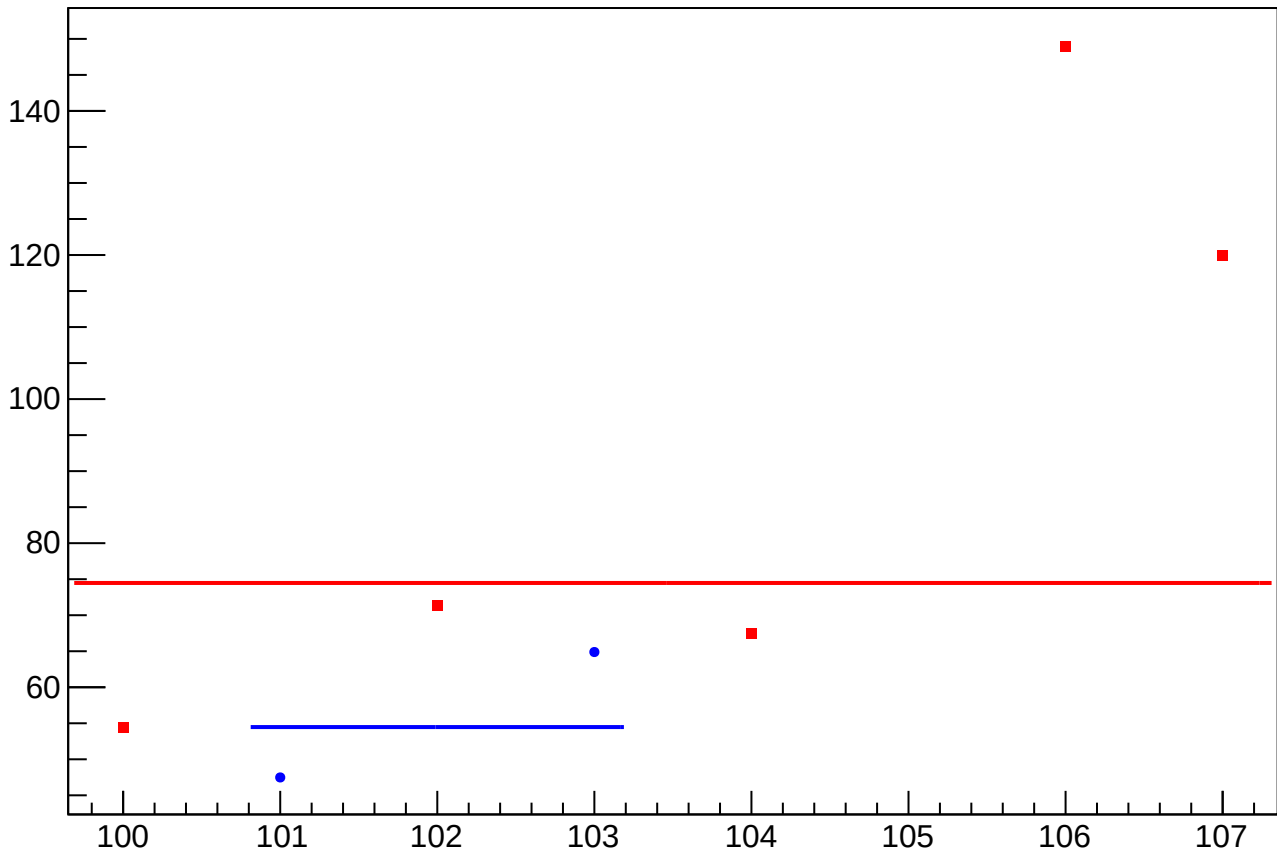
Right: -7.213+/-39.557 χ^2/NDF : 10.9/6

In: 57.347+/-53.214 χ^2/NDF : 4.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.213+/-39.557 χ^2/NDF : 10.9/6

asym_sam_15_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 54.474+/-0.038 χ^2/NDF : 51449.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.477+/-0.042 χ^2/NDF : 228972.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

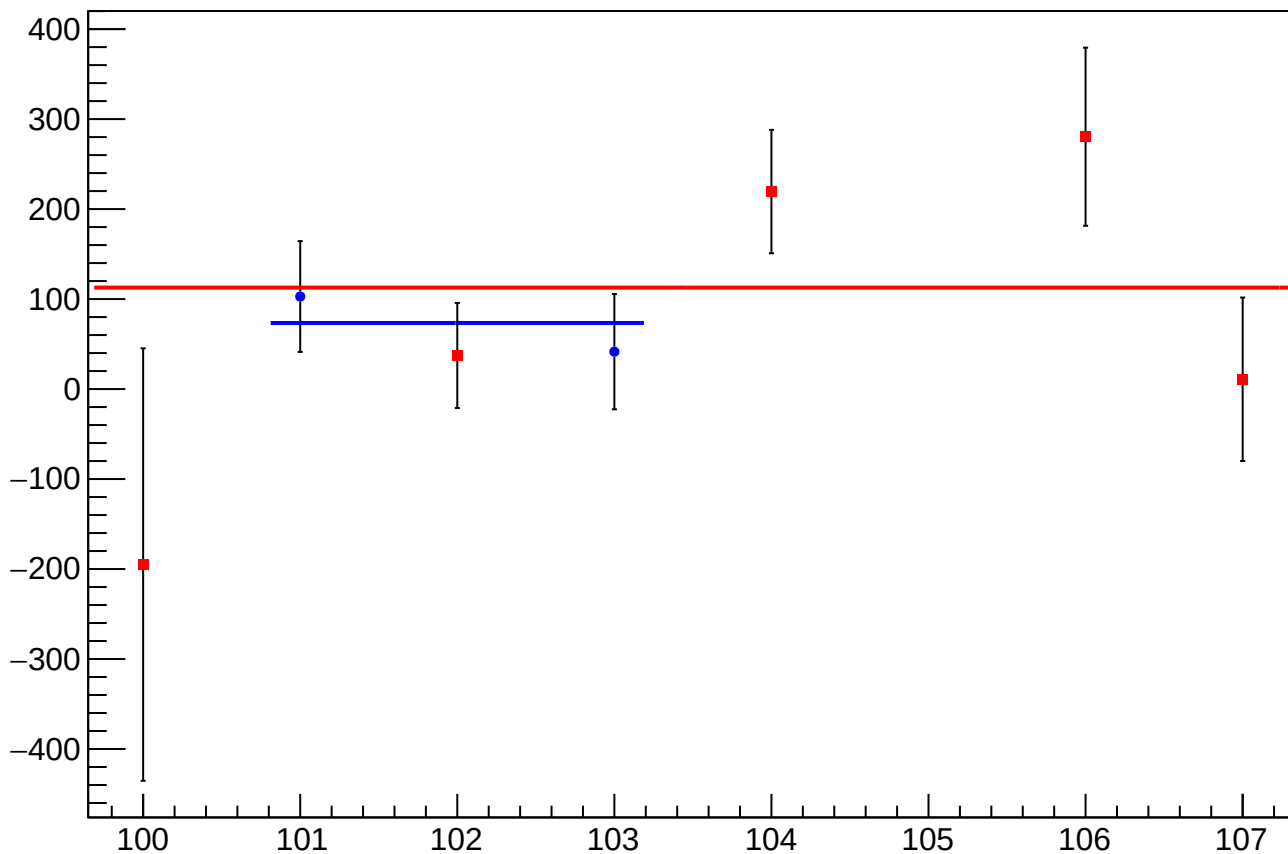
Right: 63.423+/-0.028 χ^2/NDF : 406856.0/6

In: 54.474+/-0.038 χ^2/NDF : 51449.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.423+/-0.028 χ^2/NDF : 406856.0/6

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 73.430 $\pm$ 44.401 χ^2 /NDF: 0.5/1

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

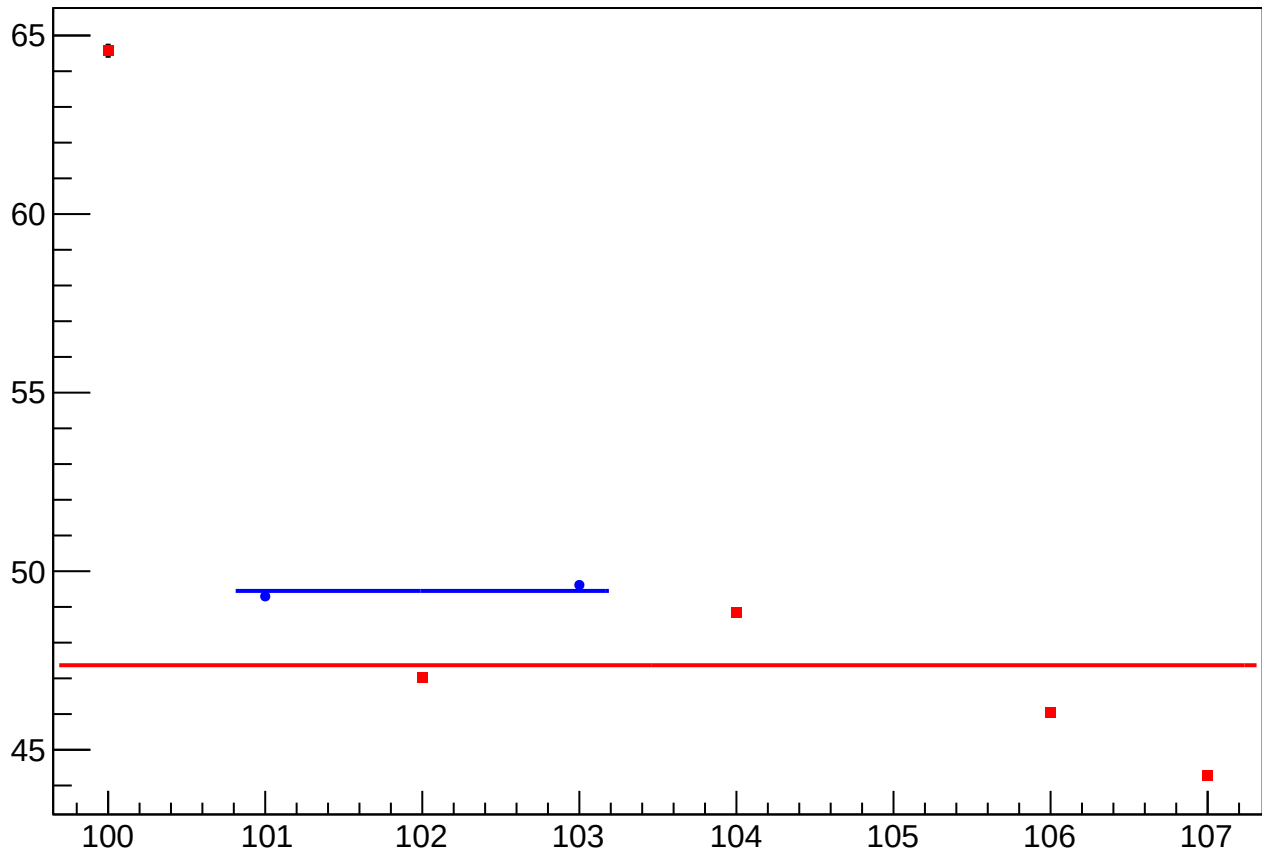
Right: 96.844 $\pm$ 28.241 χ^2 /NDF: 10.8/6

In: 73.430 $\pm$ 44.401 χ^2 /NDF:0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 96.844 $\pm$ 28.241 χ^2 /NDF: 10.8/6

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 49.449 $\pm$ 0.031 χ^2 /NDF: 25.6/1

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

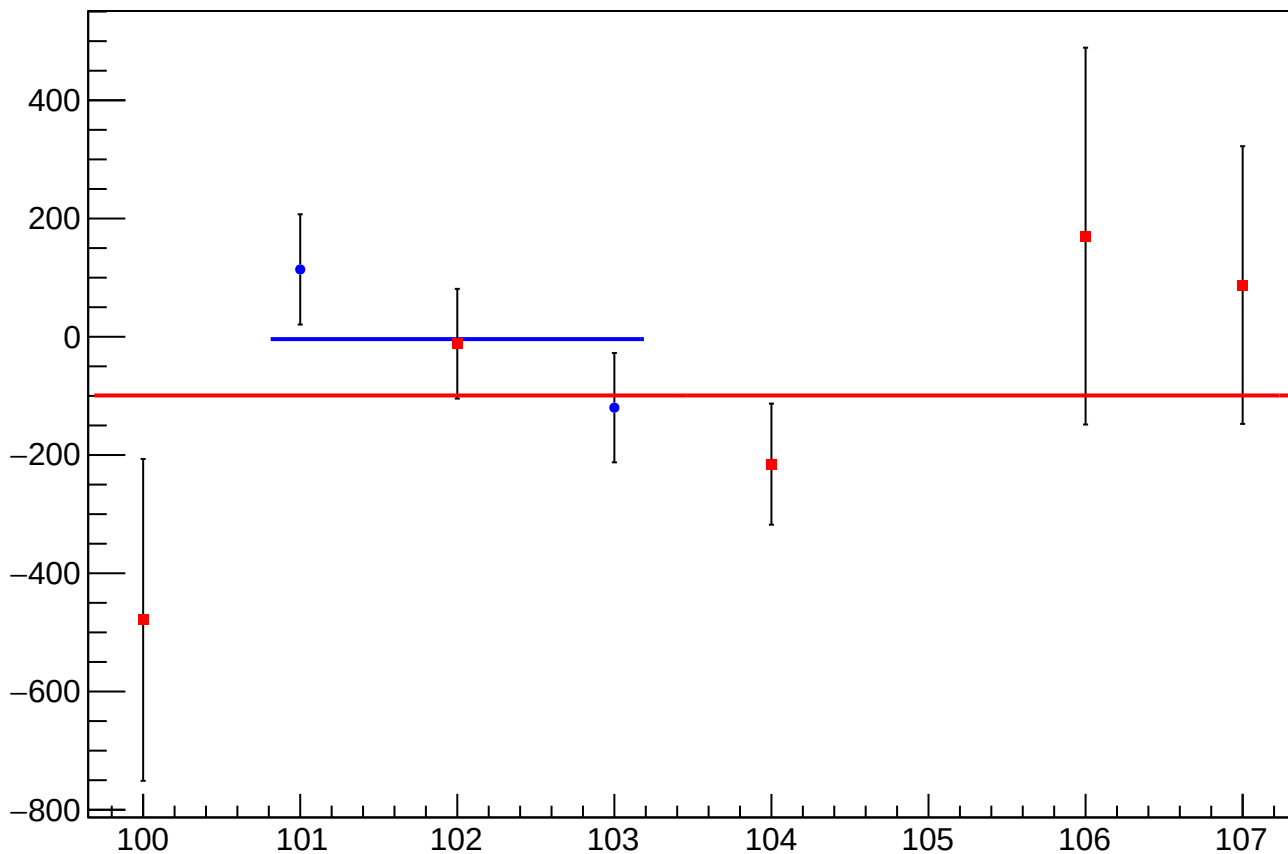
Right: 48.210 $\pm$ 0.020 χ^2 /NDF: 16552.7/6

In: 49.449 $\pm$ 0.031 χ^2 /NDF:25.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 48.210 $\pm$ 0.020 χ^2 /NDF: 16552.7/6

asym_sam_15_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -3.957+/-65.670 χ^2/NDF : 3.2/1

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

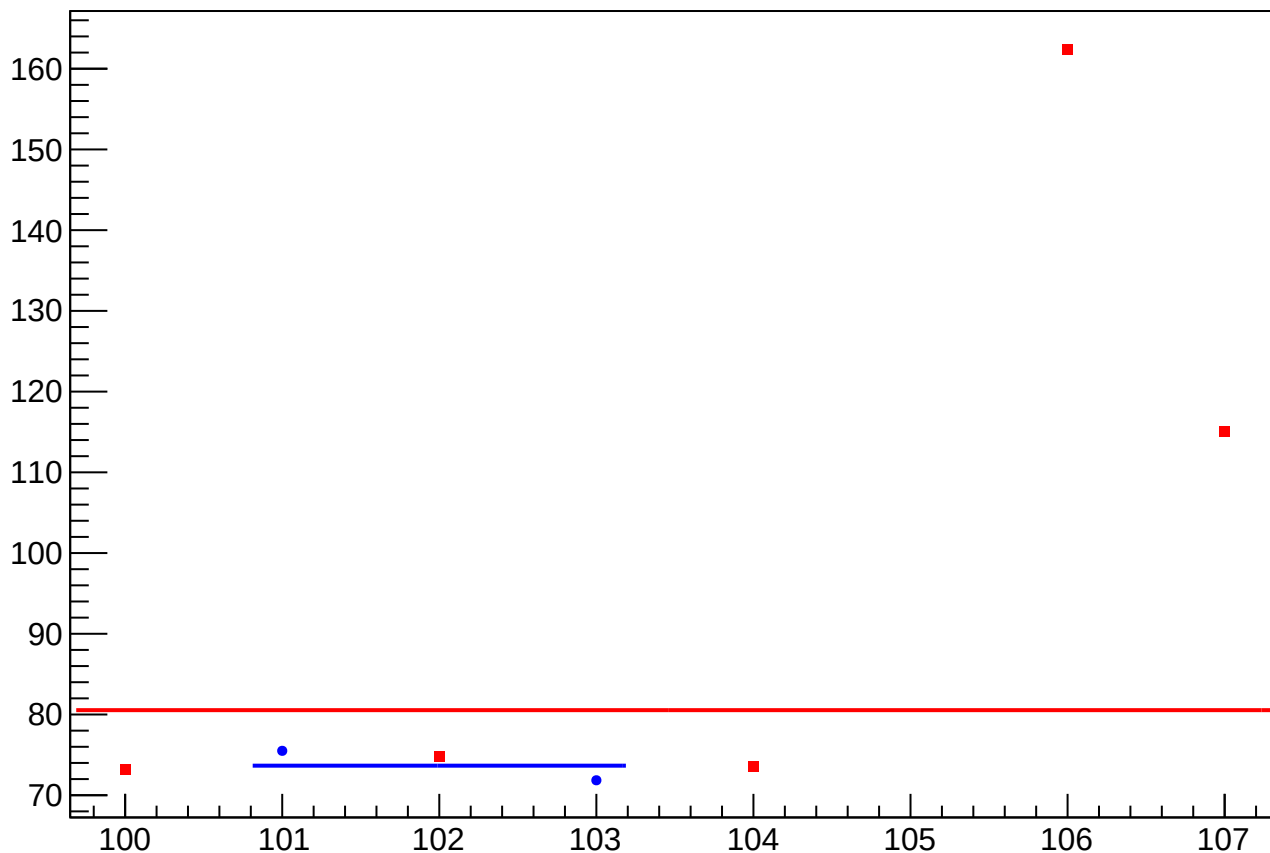
Right: -53.678+/-45.415 χ^2/NDF : 9.7/6

In: -3.957+/-65.670 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -53.678+/-45.415 χ^2/NDF : 9.7/6

asym_sam_15_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 73.661 $\pm$ 0.046 χ^2 /NDF: 1542.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 80.539 $\pm$ 0.044 χ^2 /NDF: 193701.0/4

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

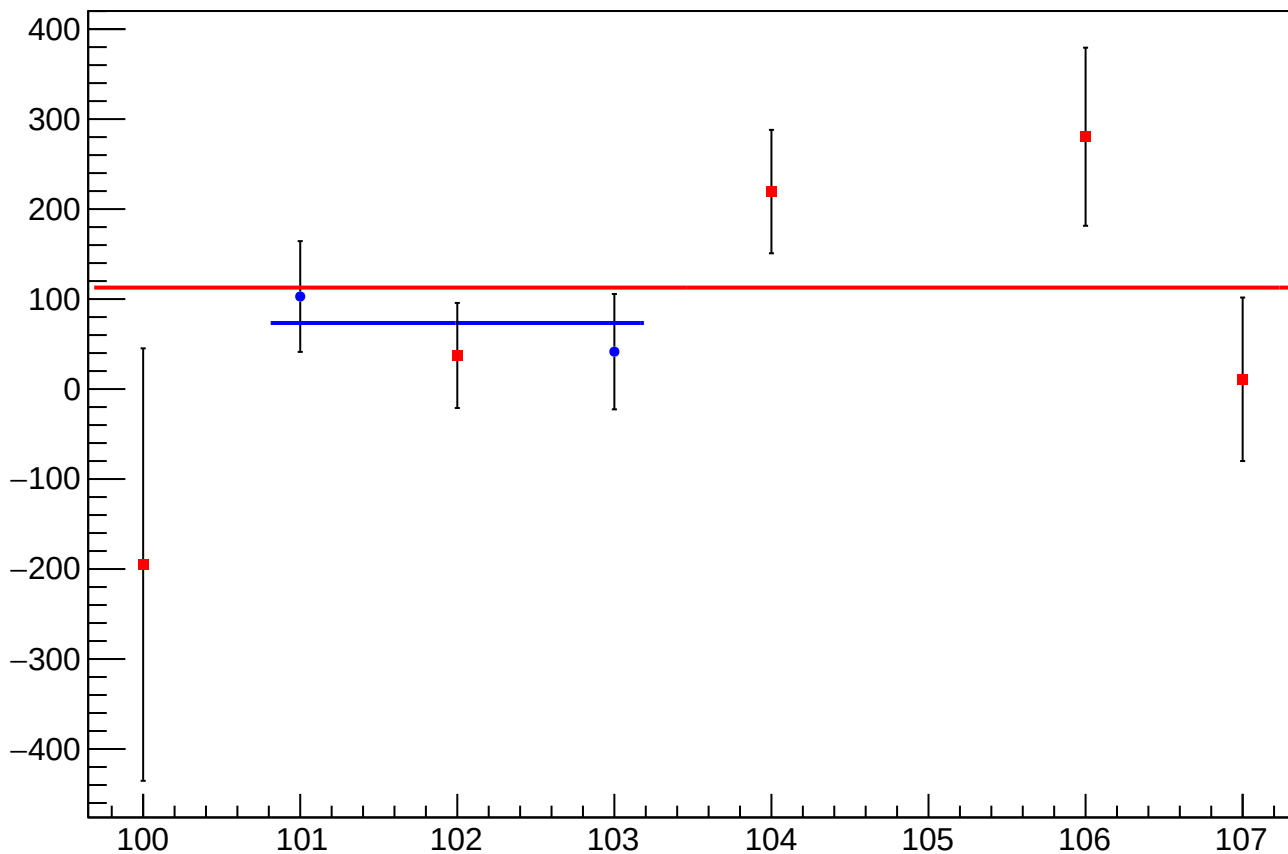
Right: 77.249 $\pm$ 0.032 χ^2 /NDF: 206687.4/6

In: 73.661 $\pm$ 0.046 χ^2 /NDF: 1542.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 77.249 $\pm$ 0.032 χ^2 /NDF: 206687.4/6

eigen_dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 73.430 $\pm$ 44.401 χ^2 /NDF: 0.5/1

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

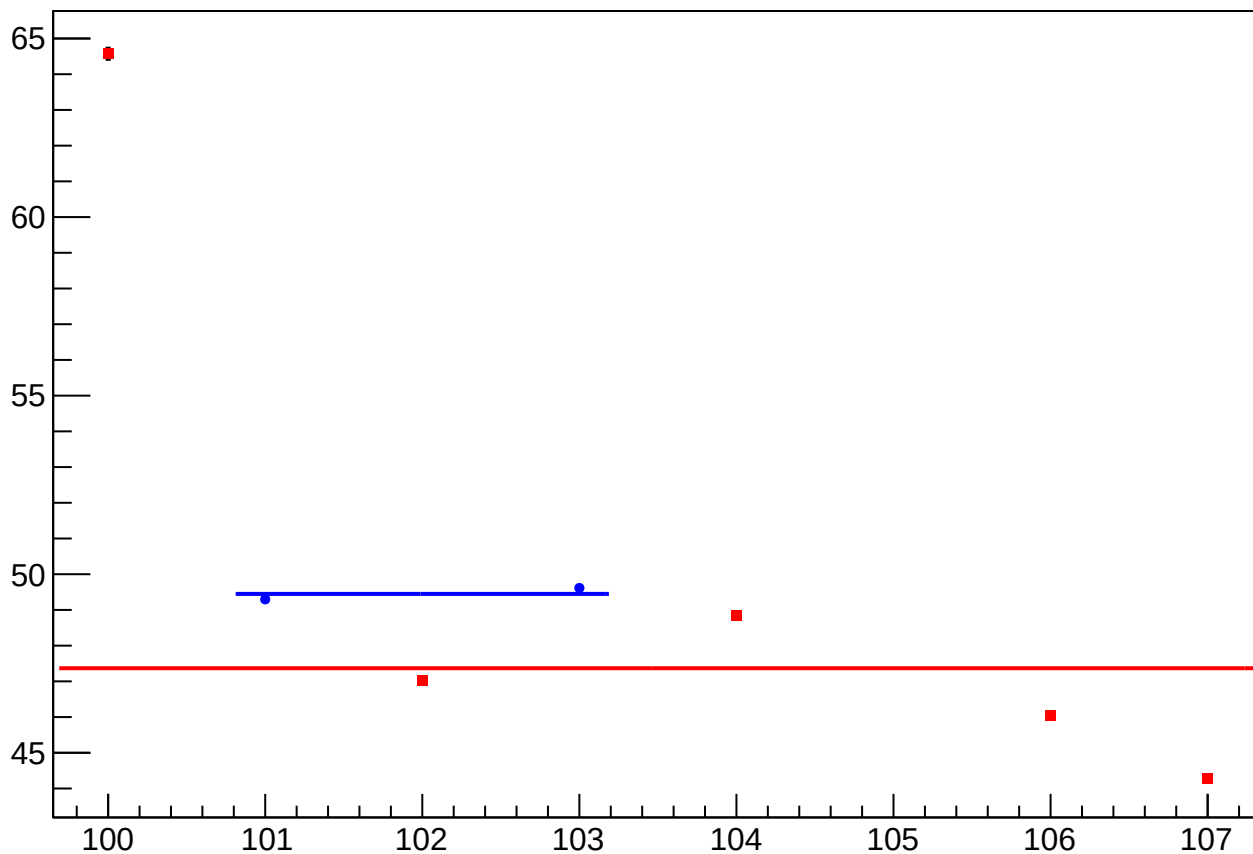
Right: 96.844 $\pm$ 28.241 χ^2 /NDF: 10.8/6

In: 73.430 $\pm$ 44.401 χ^2 /NDF: 0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 96.844 $\pm$ 28.241 χ^2 /NDF: 10.8/6

eigen_dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 49.449 $\pm$ 0.031 χ^2 /NDF: 25.6/1

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

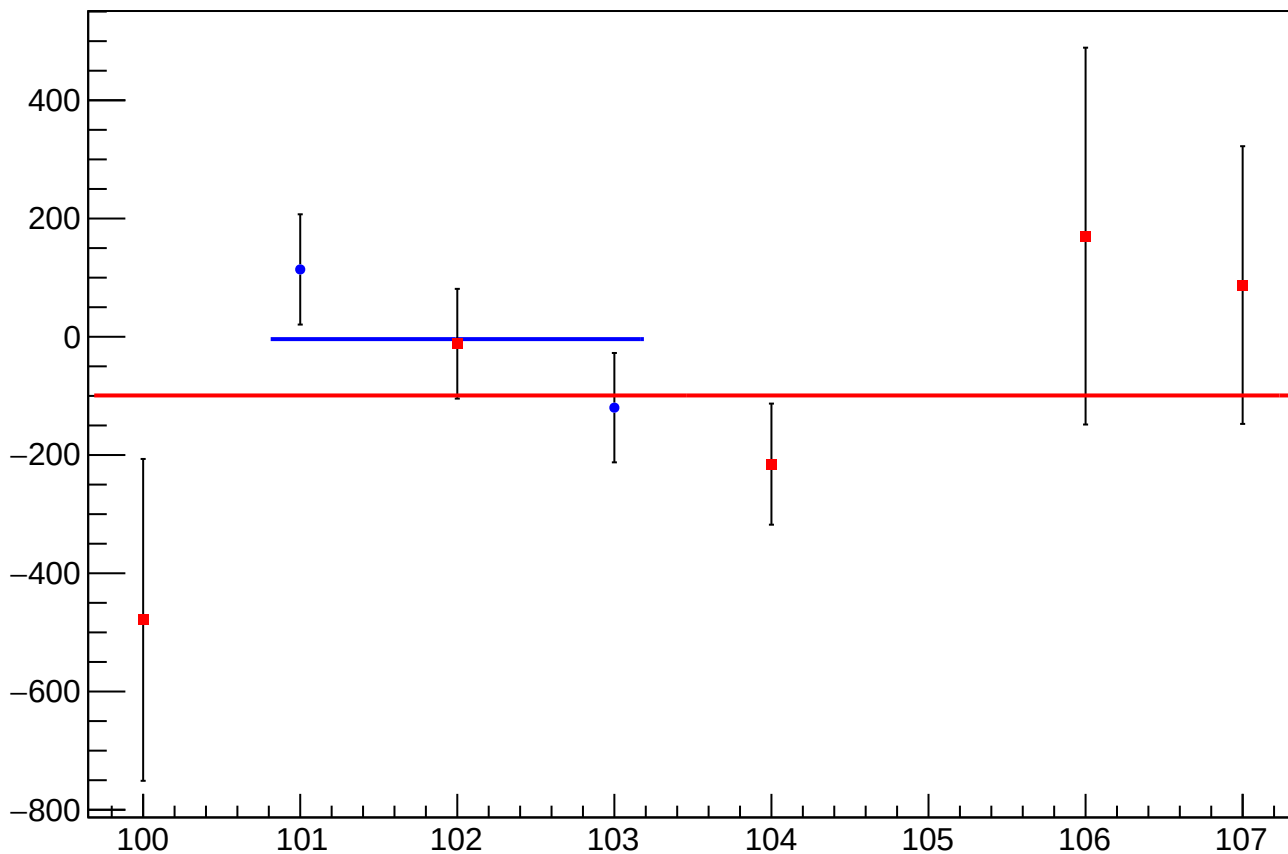
Right: 48.210 $\pm$ 0.020 χ^2 /NDF: 16552.7/6

In: 49.449 $\pm$ 0.031 χ^2 /NDF:25.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 48.210 $\pm$ 0.020 χ^2 /NDF: 16552.7/6

asym_sam_15_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -3.957+/-65.670 χ^2/NDF : 3.2/1

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

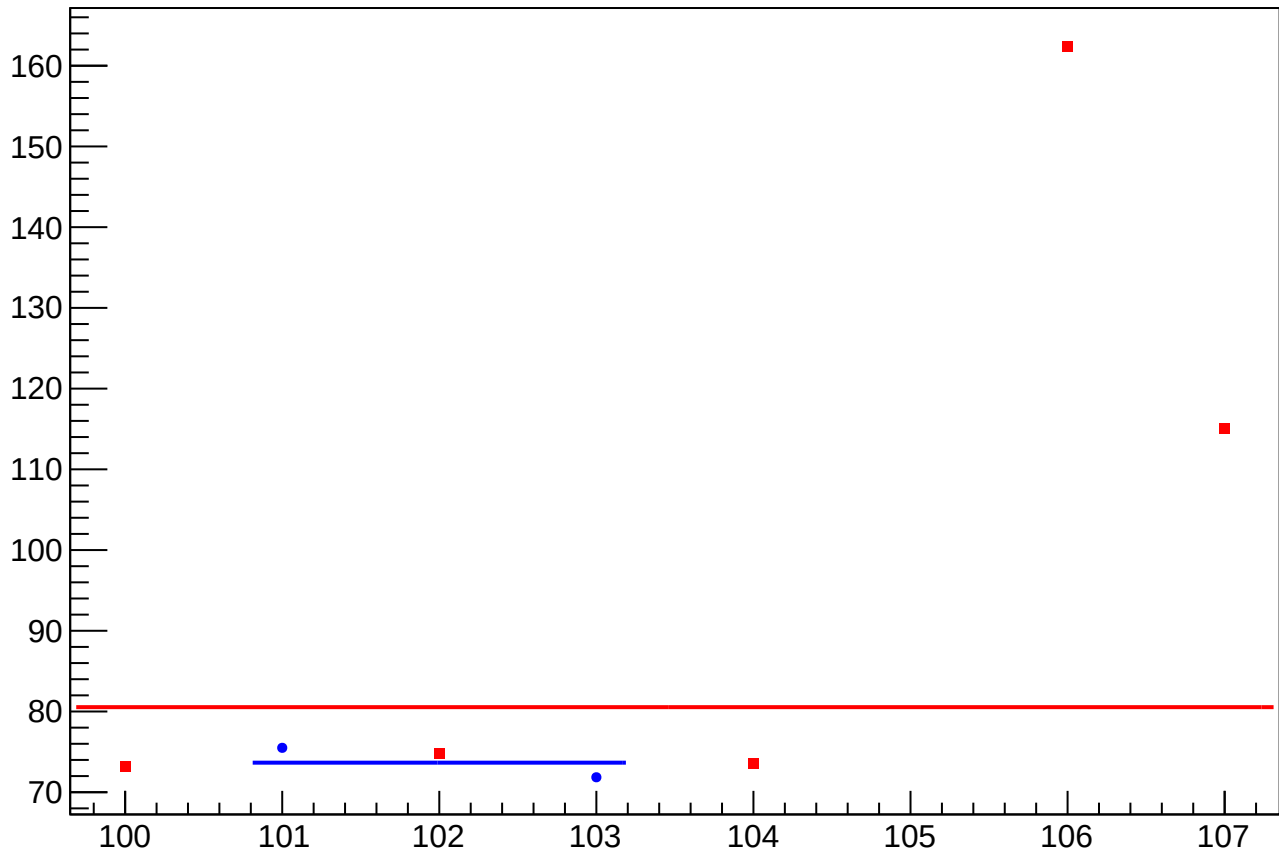
Right: -53.678+/-45.415 χ^2/NDF : 9.7/6

In: -3.957+/-65.670 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -53.678+/-45.415 χ^2/NDF : 9.7/6

asym_sam_15_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 73.661 $\pm$ 0.046 χ^2 /NDF: 1542.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 80.538 $\pm$ 0.044 χ^2 /NDF: 193704.0/4

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

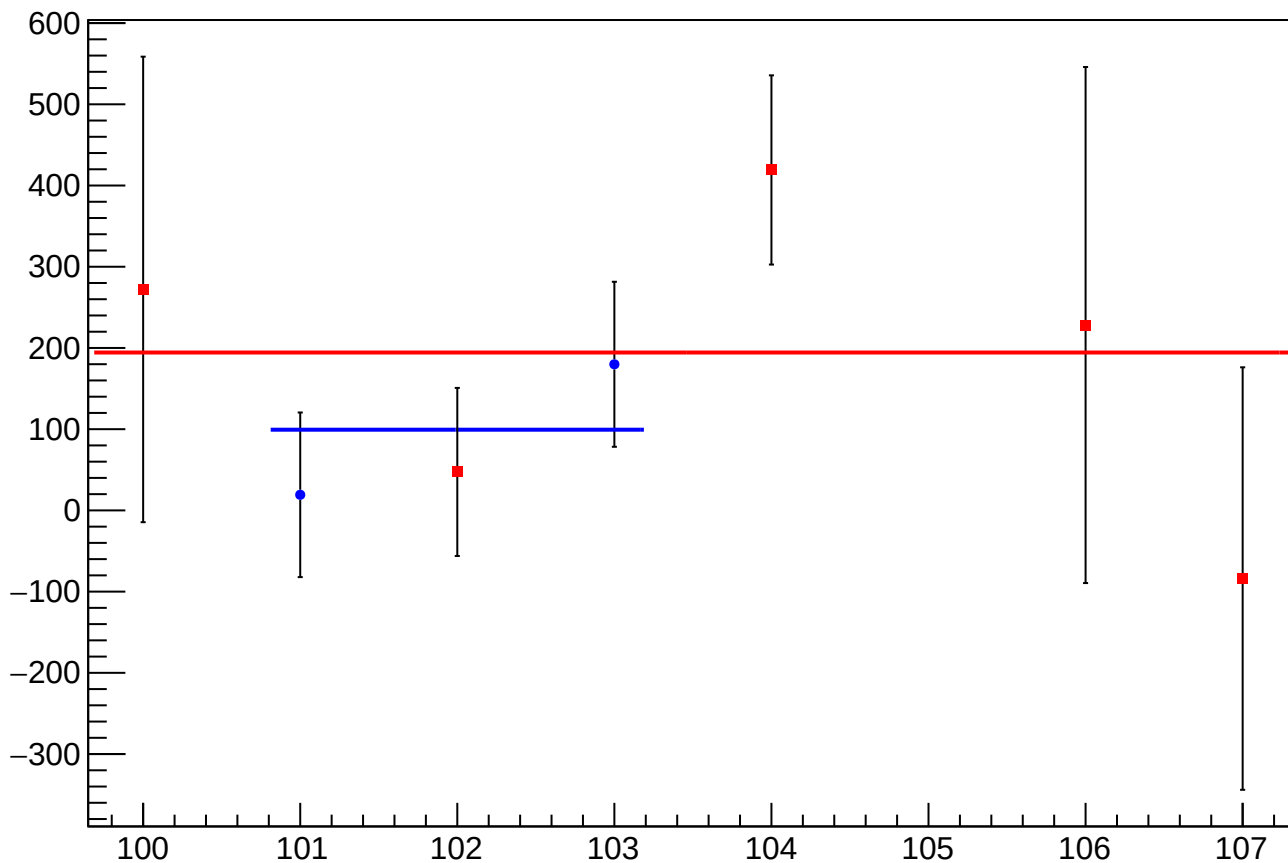
Right: 77.249 $\pm$ 0.032 χ^2 /NDF: 206690.3/6

In: 73.661 $\pm$ 0.046 χ^2 /NDF:1542.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 77.249 $\pm$ 0.032 χ^2 /NDF: 206690.3/6

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 99.360+/-71.745 χ^2/NDF : 1.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 194.397+/-70.018 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

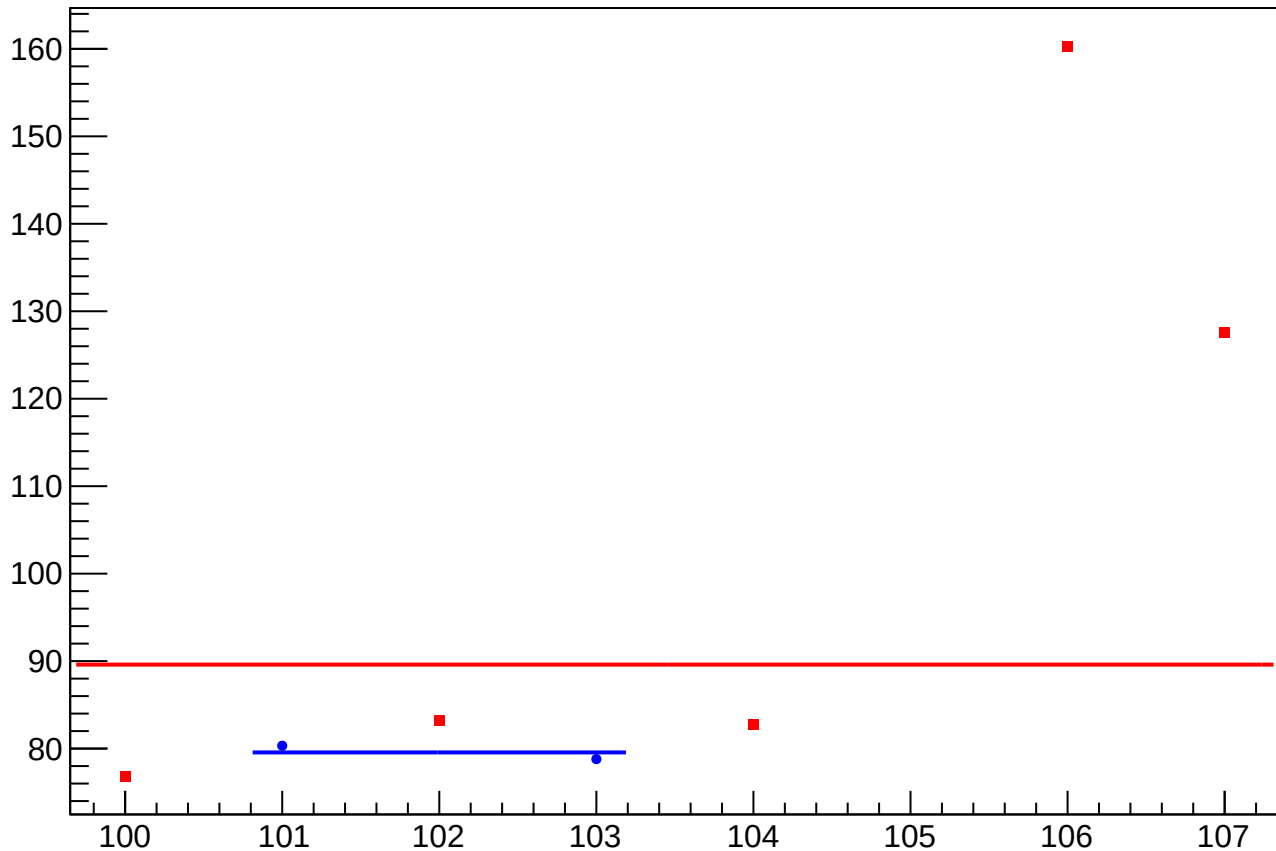
Right: 148.036+/-50.110 χ^2/NDF : 9.1/6

In: 99.360+/-71.745 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.036+/-50.110 χ^2/NDF : 9.1/6

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 79.560 $\pm$ 0.051 χ^2 /NDF: 226.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 89.598 $\pm$ 0.050 χ^2 /NDF: 160040.9/4

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

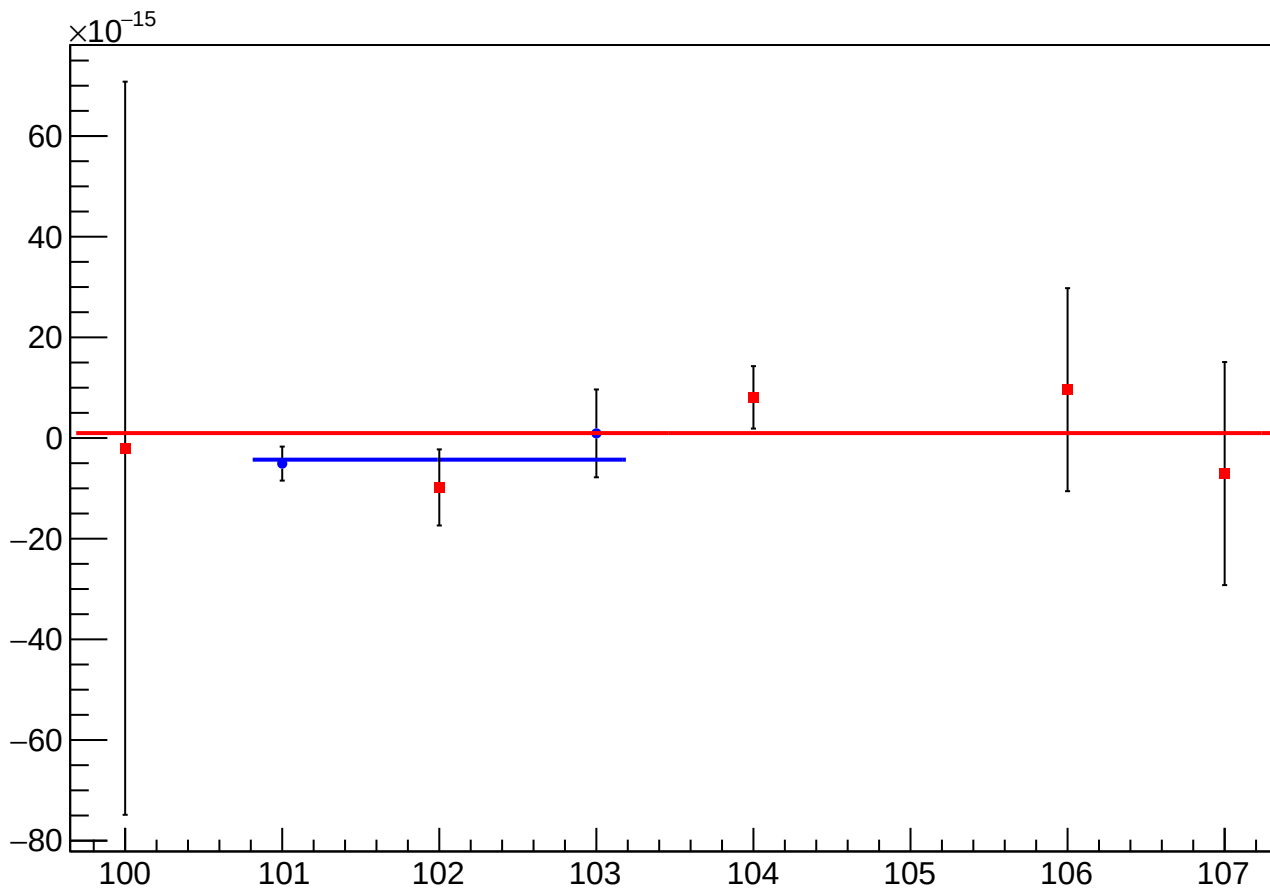
Right: 84.702 $\pm$ 0.035 χ^2 /NDF: 180319.2/6

In: 79.560 $\pm$ 0.051 χ^2 /NDF:226.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 84.702 $\pm$ 0.035 χ^2 /NDF: 180319.2/6

asym_sam_15_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.4/1

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

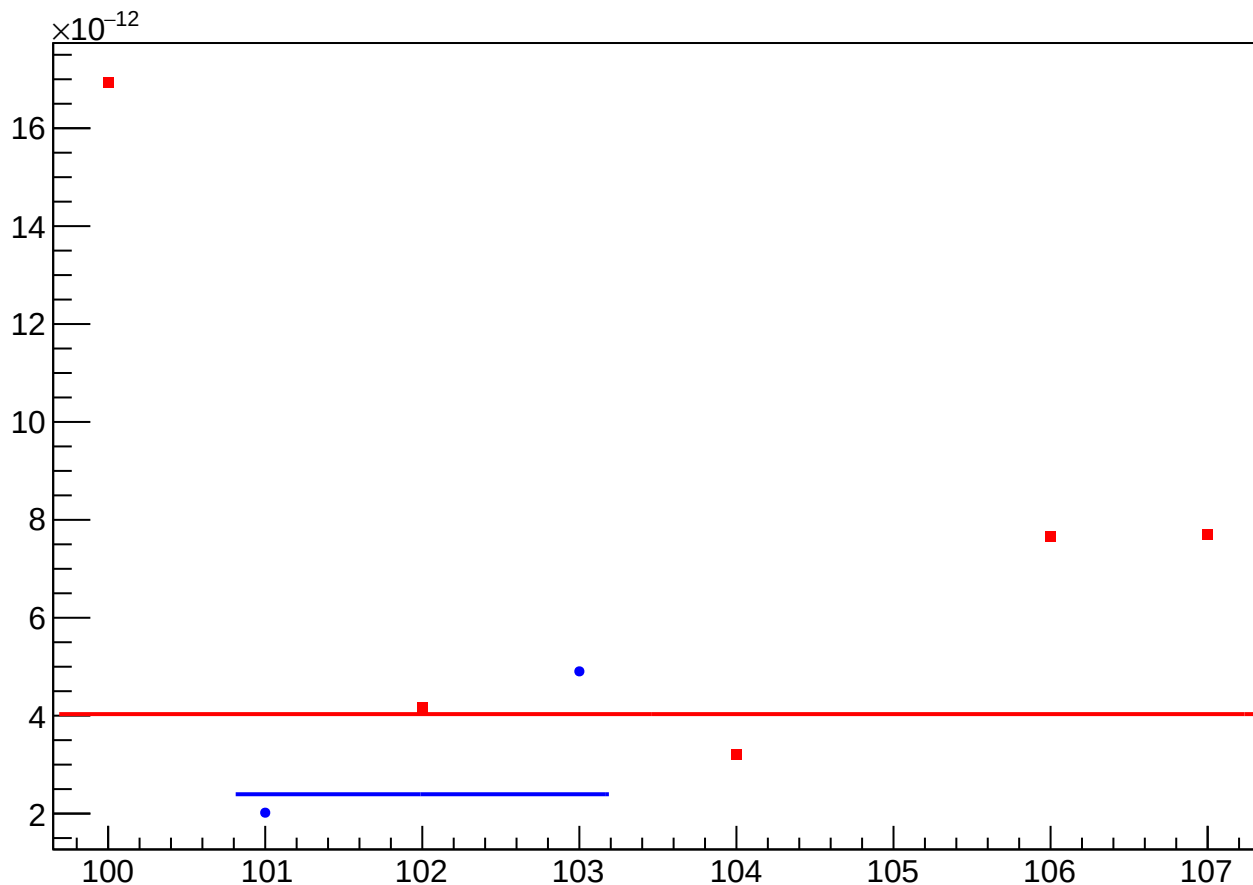
Right: -0.000+/-0.000 χ^2 /NDF: 5.0/6

In: -0.000+/-0.000 χ^2 /NDF:0.4/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 5.0/6

asym_sam_15_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 190337.4/1

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

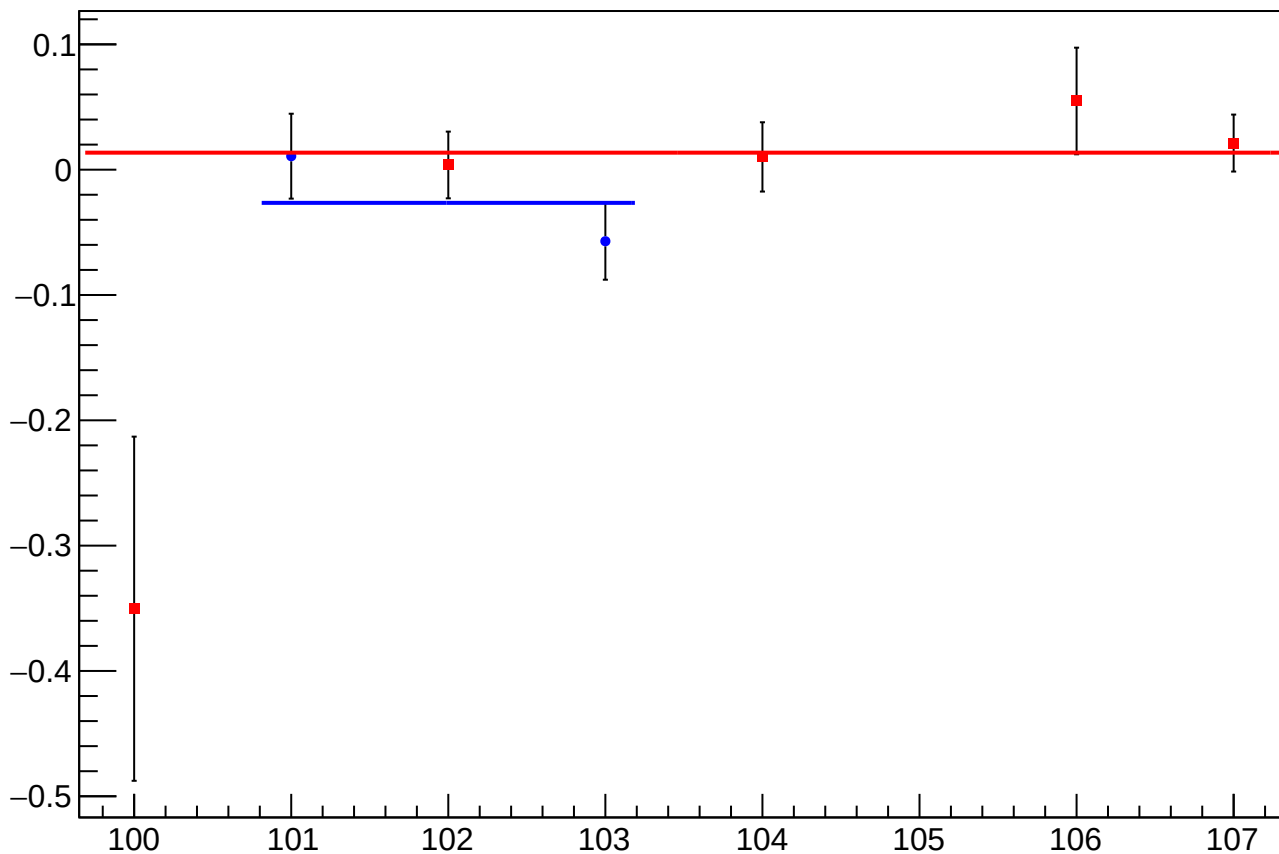
Right: 0.000+/-0.000 χ^2/NDF : 582918.7/6

In: 0.000+/-0.000 χ^2/NDF : 190337.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 582918.7/6

asym_sam_15_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 $\pm$ 0.023 χ^2 /NDF: 2.2/1

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

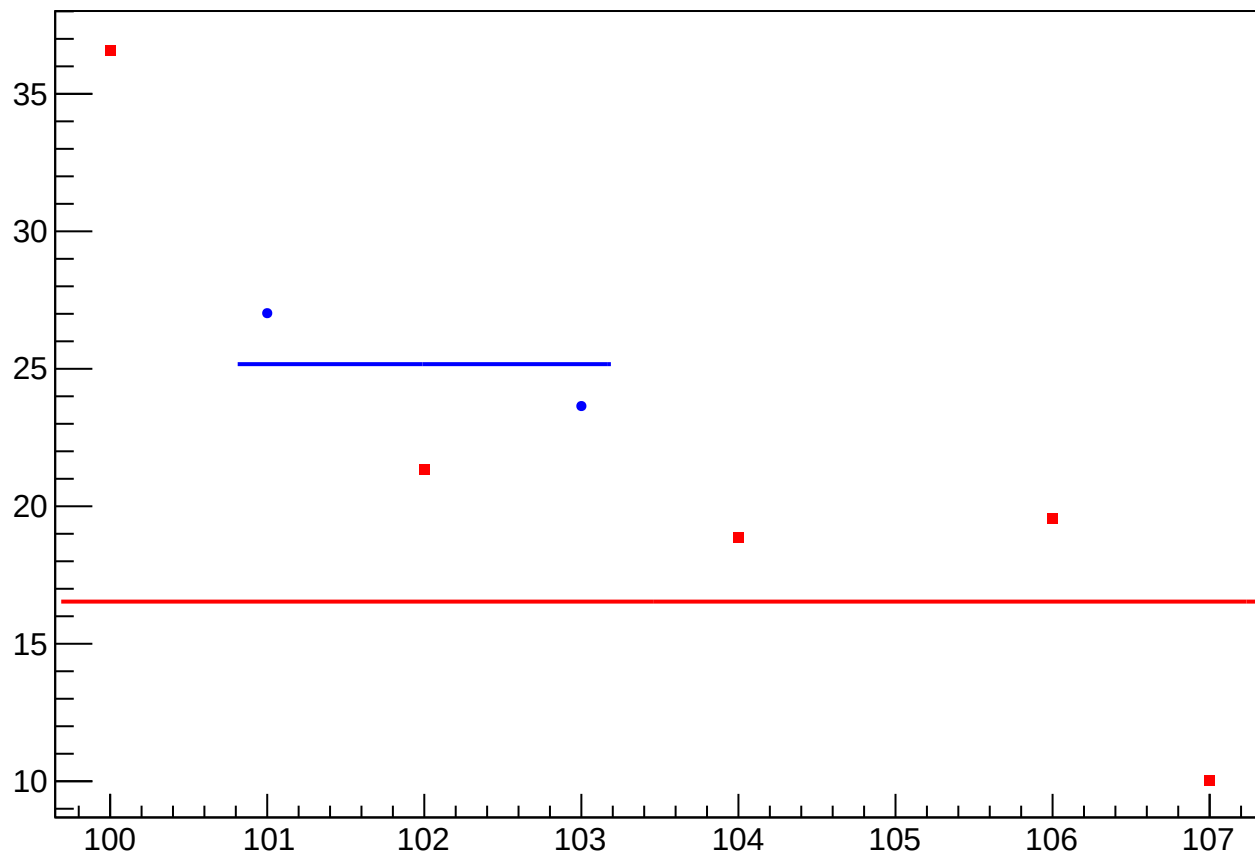
Right: 0.003 $\pm$ 0.012 χ^2 /NDF: 12.7/6

In: -0.026 $\pm$ 0.023 χ^2 /NDF:2.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.012 χ^2 /NDF: 12.7/6

asym_sam_15_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.169+/-0.016 χ^2/NDF : 10914.7/1

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

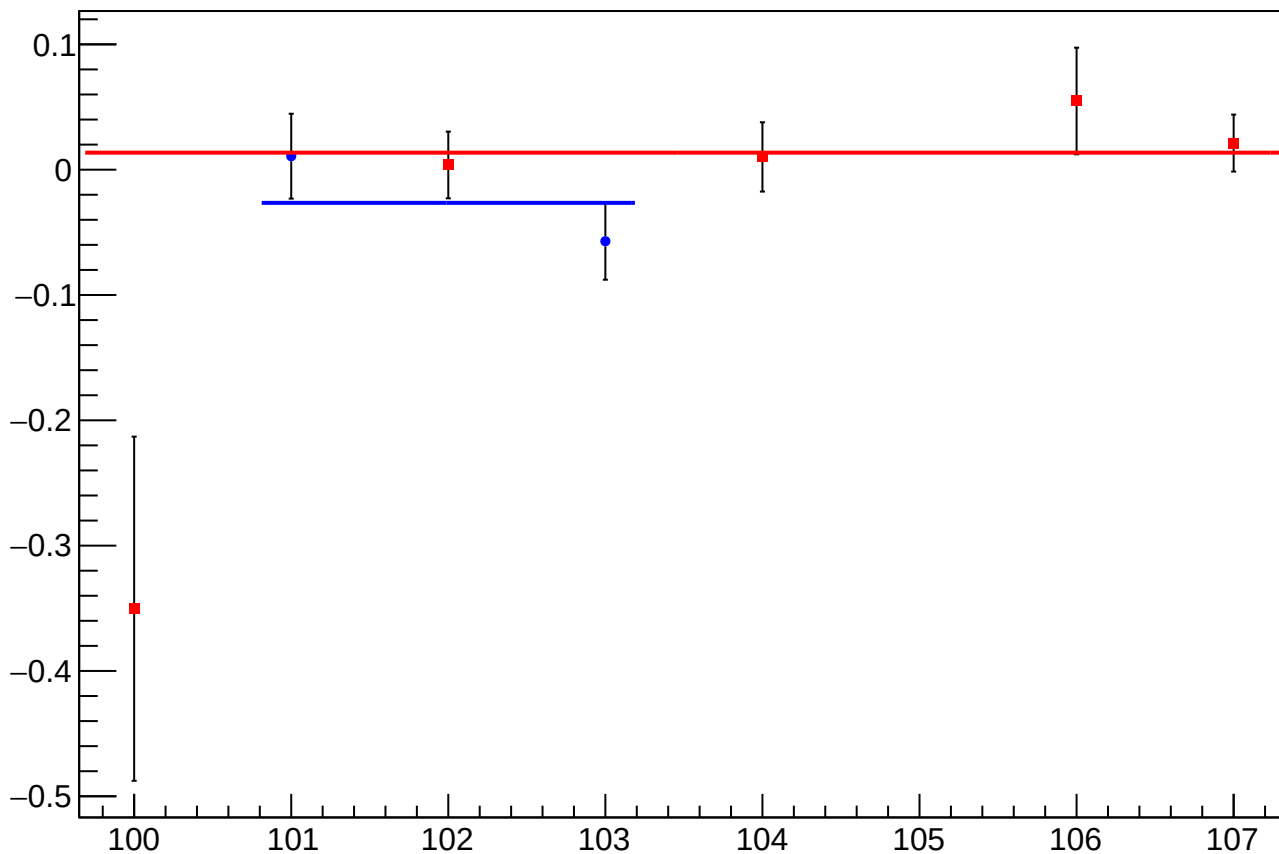
Right: 18.853+/-0.008 χ^2/NDF : 517721.5/6

In: 25.169+/-0.016 χ^2/NDF : 10914.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.853+/-0.008 χ^2/NDF : 517721.5/6

asym_sam_15_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 $\pm$ 0.023 χ^2 /NDF: 2.2/1

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

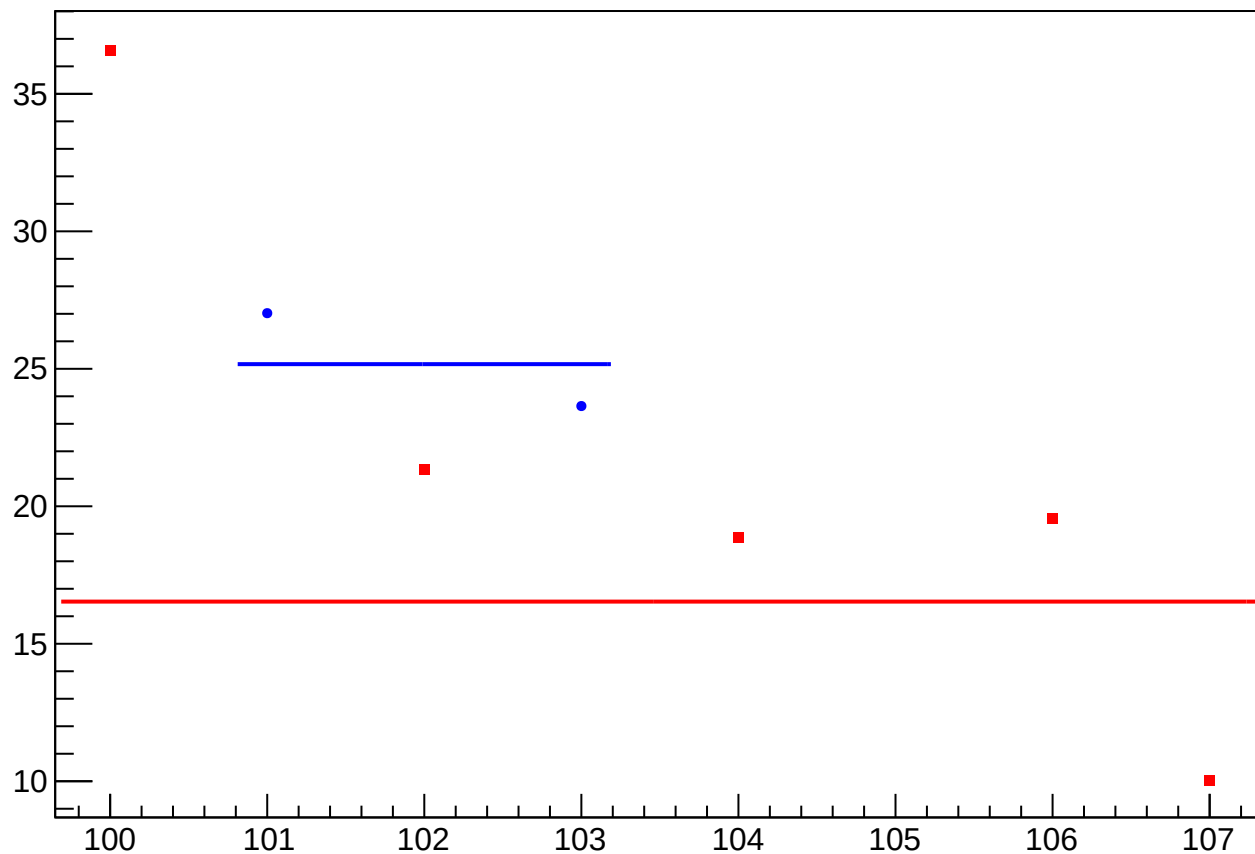
Right: 0.003 $\pm$ 0.012 χ^2 /NDF: 12.7/6

In: -0.026 $\pm$ 0.023 χ^2 /NDF:2.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.012 χ^2 /NDF: 12.7/6

asym_sam_15_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.169+/-0.016 χ^2/NDF : 10914.7/1

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

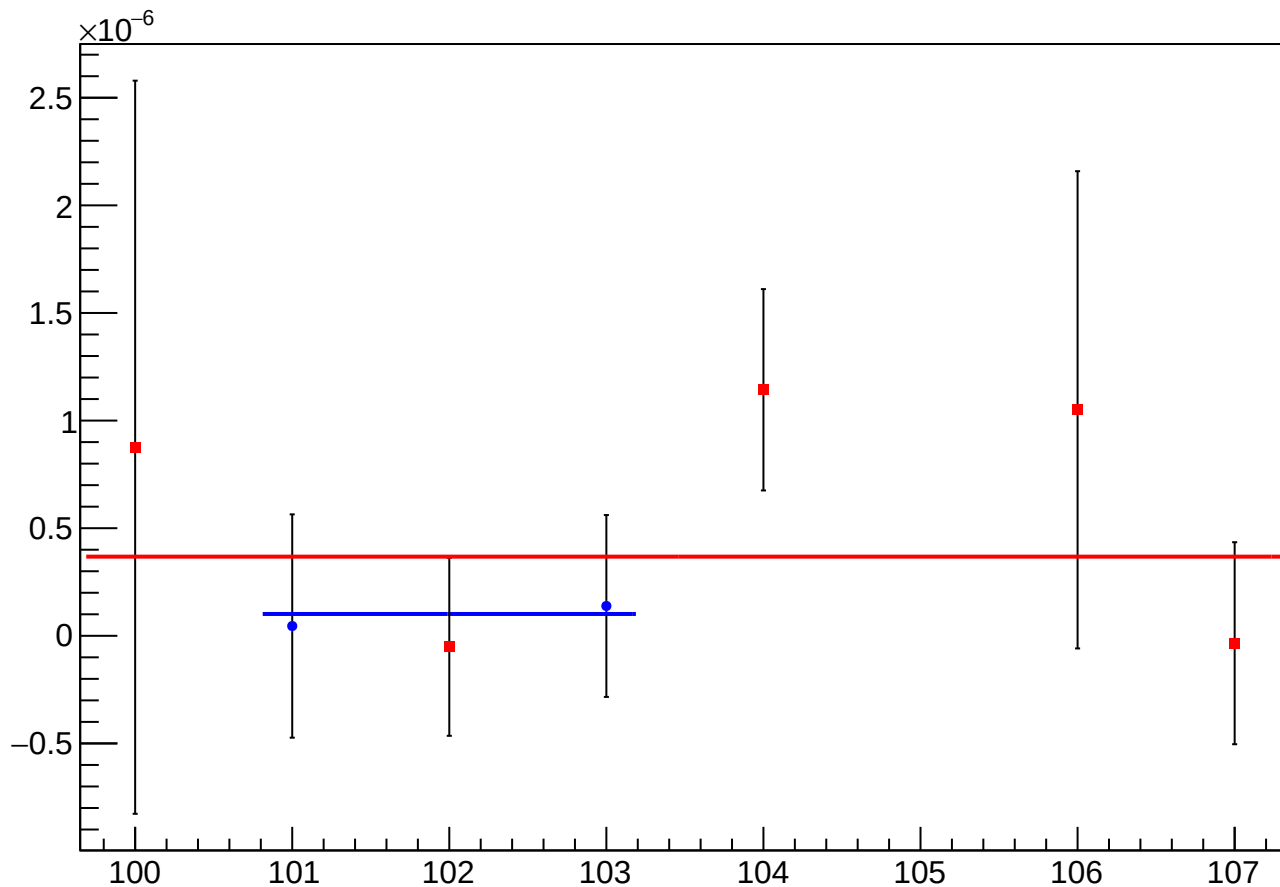
Right: 18.853+/-0.008 χ^2/NDF : 517721.5/6

In: 25.169+/-0.016 χ^2/NDF : 10914.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.853+/-0.008 χ^2/NDF : 517721.5/6

asym_sam_15_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/1

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

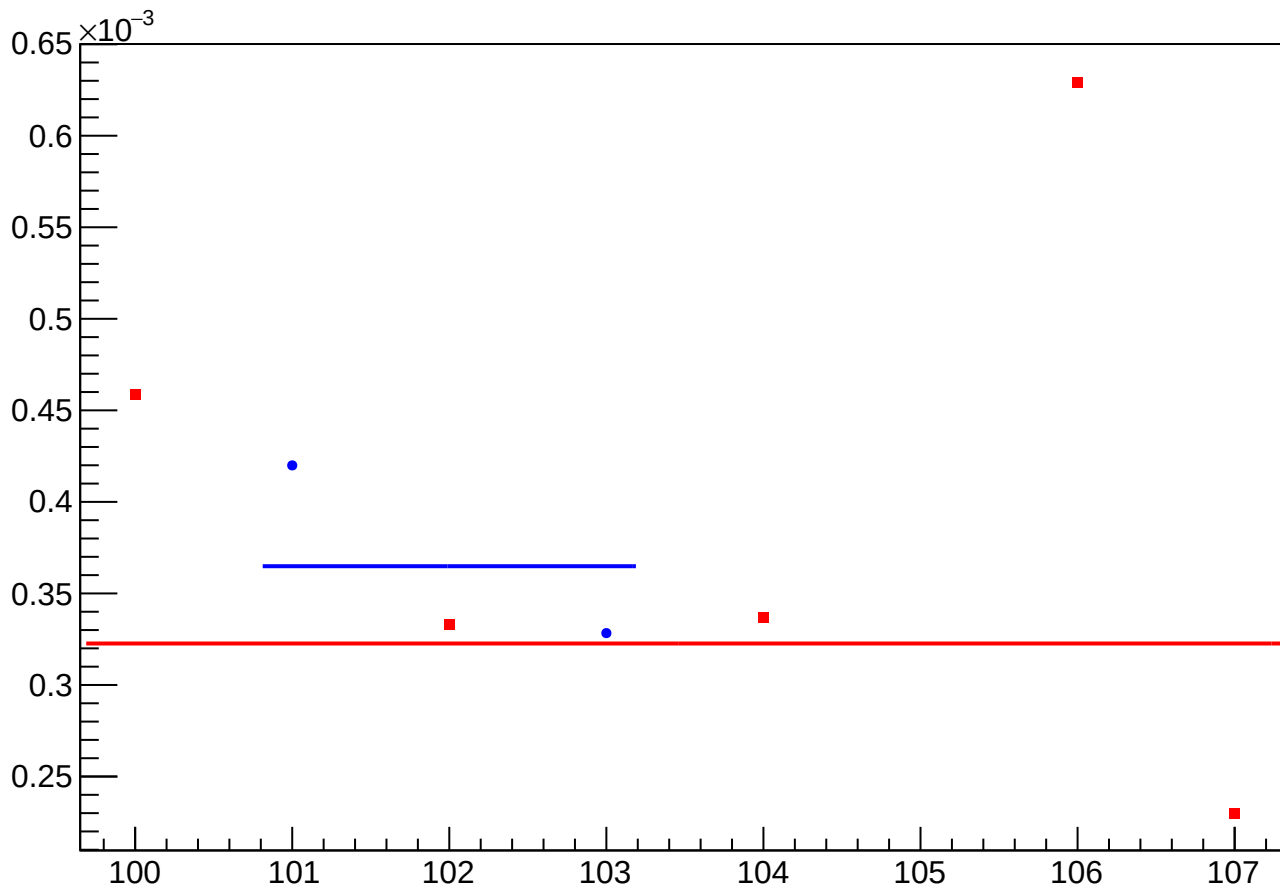
Right: 0.000+/-0.000 χ^2/NDF : 5.4/6

In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5.4/6

asym_sam_15_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 37489.2/1

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

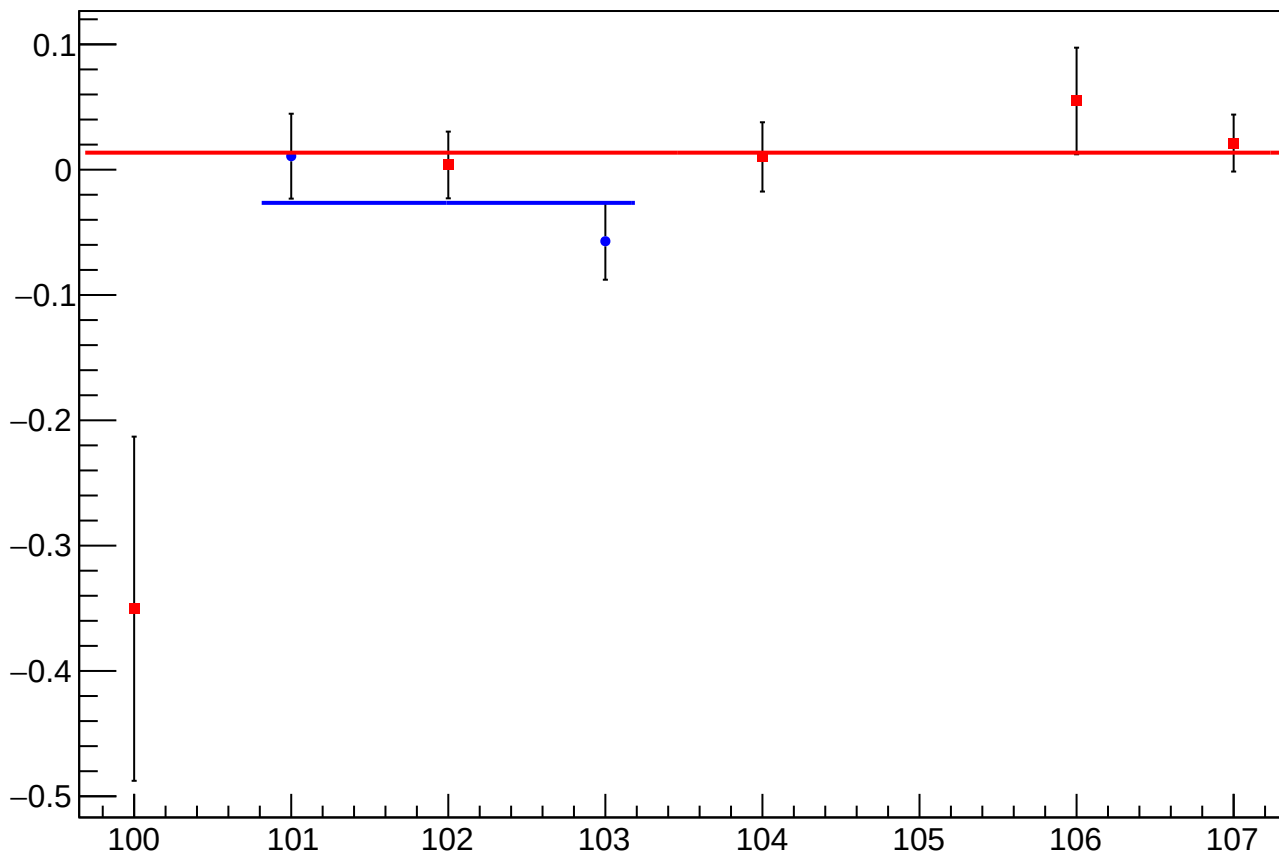
Right: 0.000+/-0.000 χ^2/NDF : 305273.8/6

In: 0.000+/-0.000 χ^2/NDF : 37489.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 305273.8/6

asym_sam_15_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 $\pm$ 0.023 χ^2 /NDF: 2.2/1

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

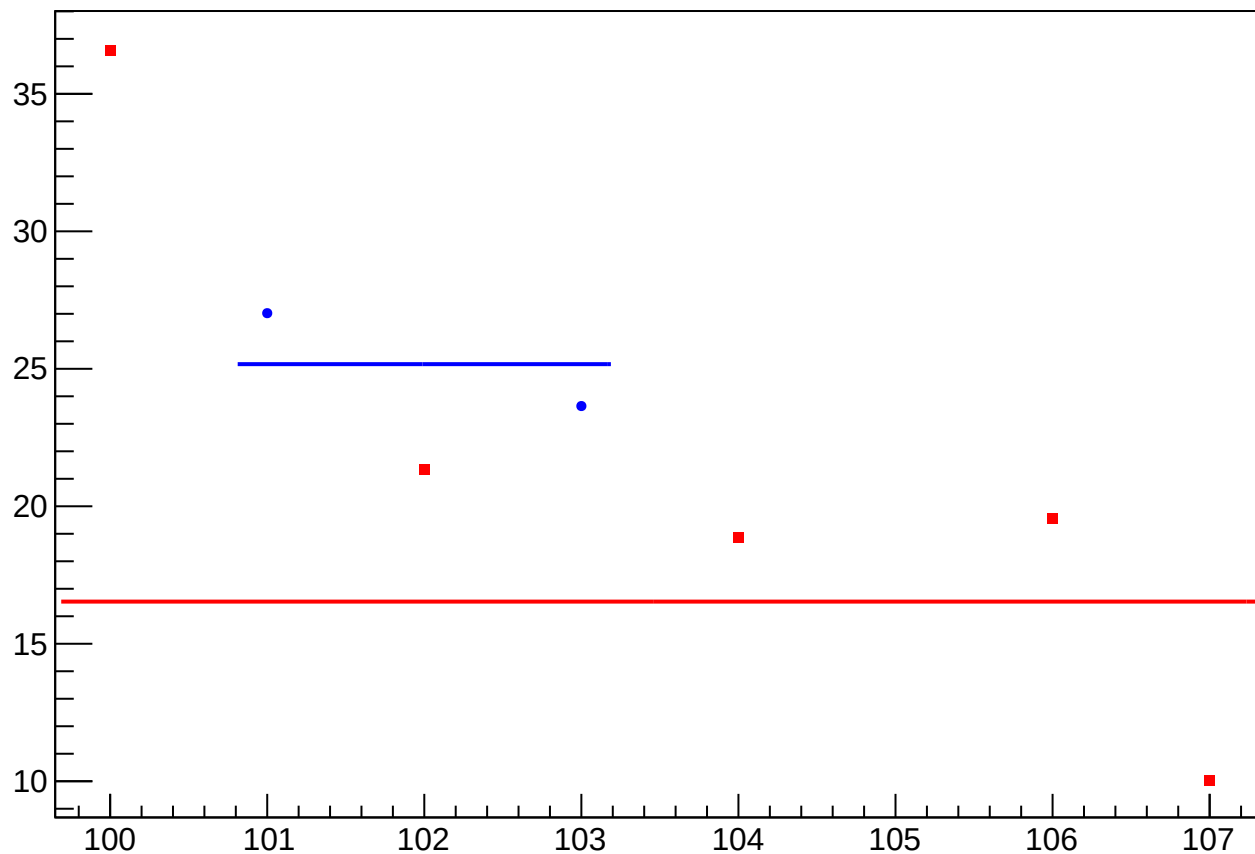
Right: 0.003 $\pm$ 0.012 χ^2 /NDF: 12.7/6

In: -0.026 $\pm$ 0.023 χ^2 /NDF:2.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.012 χ^2 /NDF: 12.7/6

asym_sam_15_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.169+/-0.016 χ^2/NDF : 10914.9/1

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

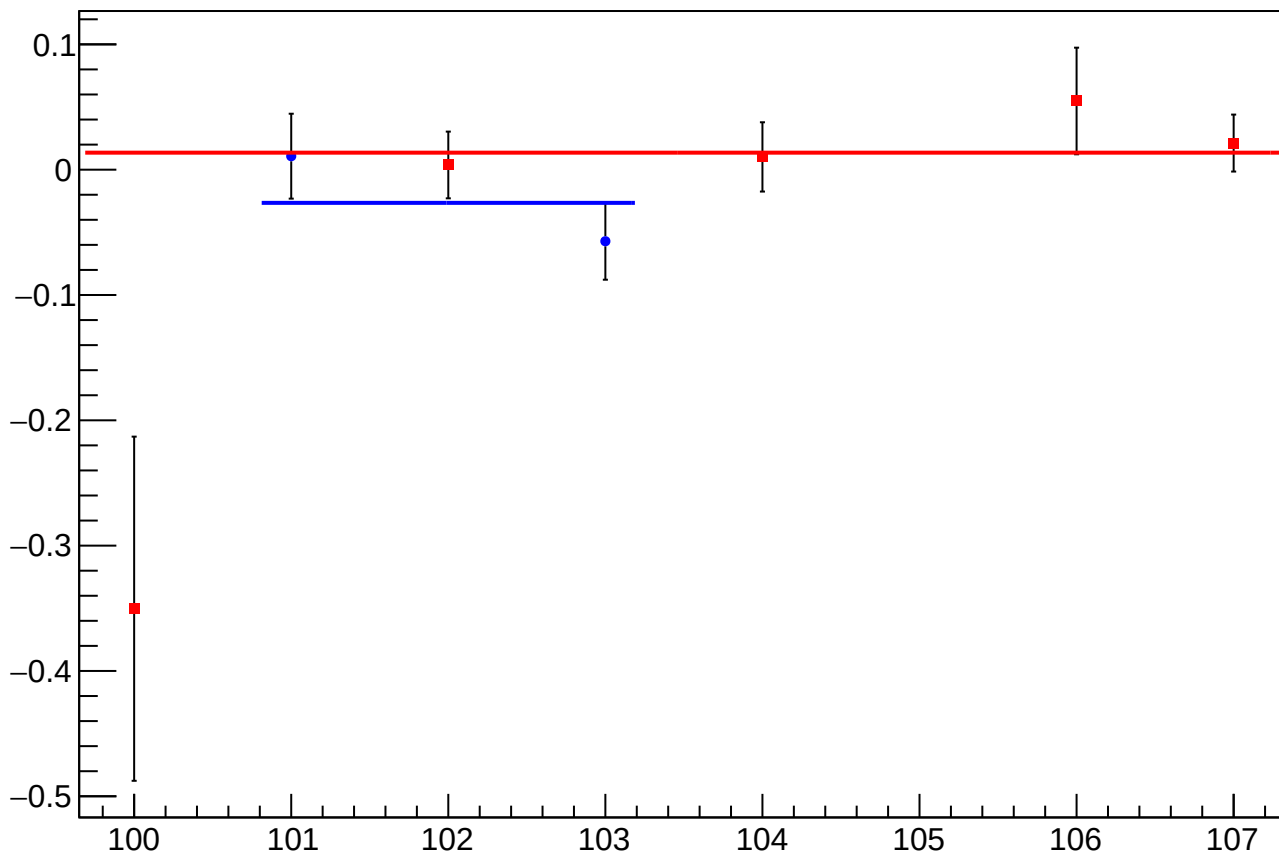
Right: 18.852+/-0.008 χ^2/NDF : 517736.5/6

In: 25.169+/-0.016 χ^2/NDF : 10914.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.852+/-0.008 χ^2/NDF : 517736.5/6

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 ± 0.023 χ^2/NDF : 2.2/1

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

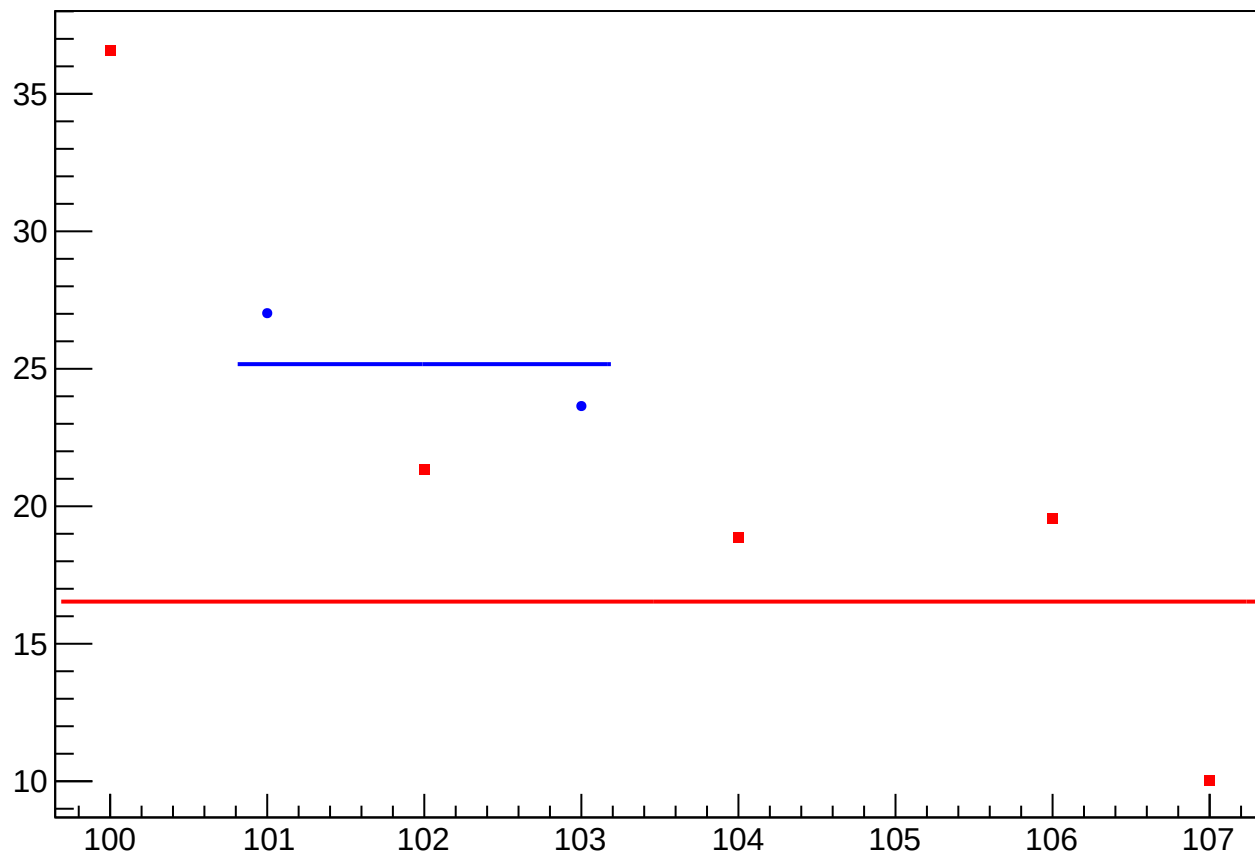
Right: 0.003 ± 0.012 χ^2/NDF : 12.7/6

In: -0.026 ± 0.023 χ^2/NDF : 2.2/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.003 ± 0.012 χ^2/NDF : 12.7/6

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.169+/-0.016 χ^2/NDF : 10914.9/1

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

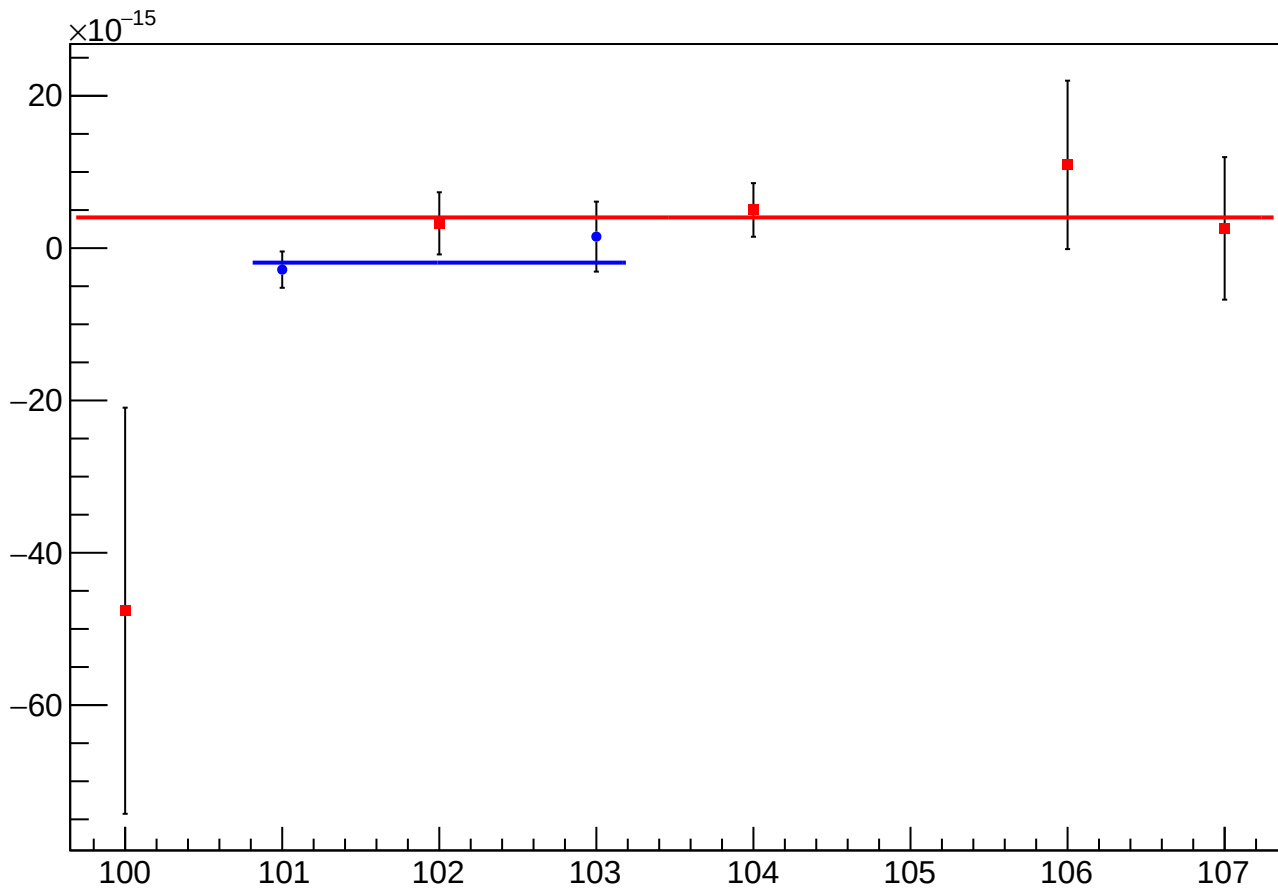
Right: 18.852+/-0.008 χ^2/NDF : 517736.5/6

In: 25.169+/-0.016 χ^2/NDF : 10914.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.852+/-0.008 χ^2/NDF : 517736.5/6

asym_sam_15_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 $\chi^2/\text{NDF}: 0.7/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 4.3/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

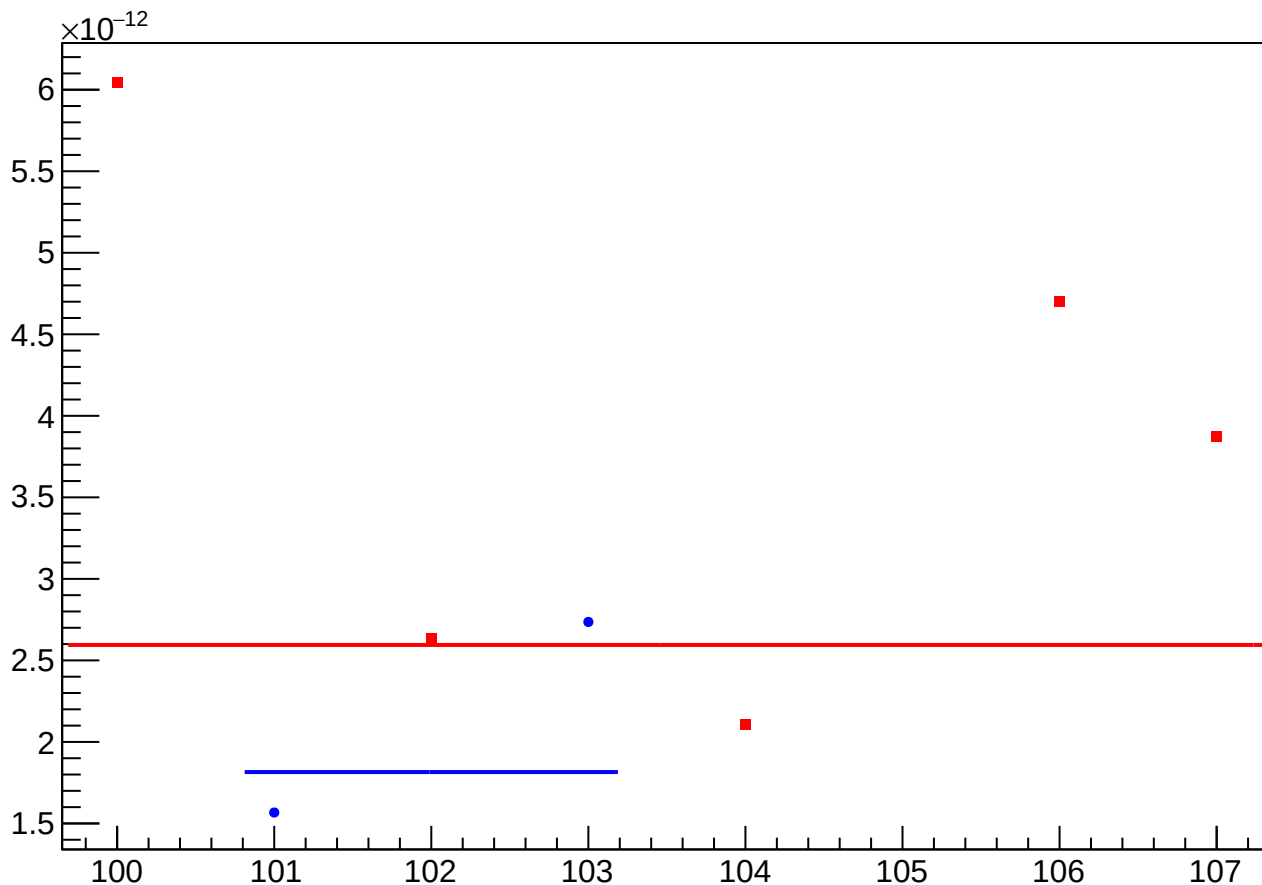
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 8.3/6$

In: -0.000 ± 0.000 $\chi^2/\text{NDF}: 0.7/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.000 ± 0.000 $\chi^2/\text{NDF}: 8.3/6$

asym_sam_15_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 102041.6/1

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

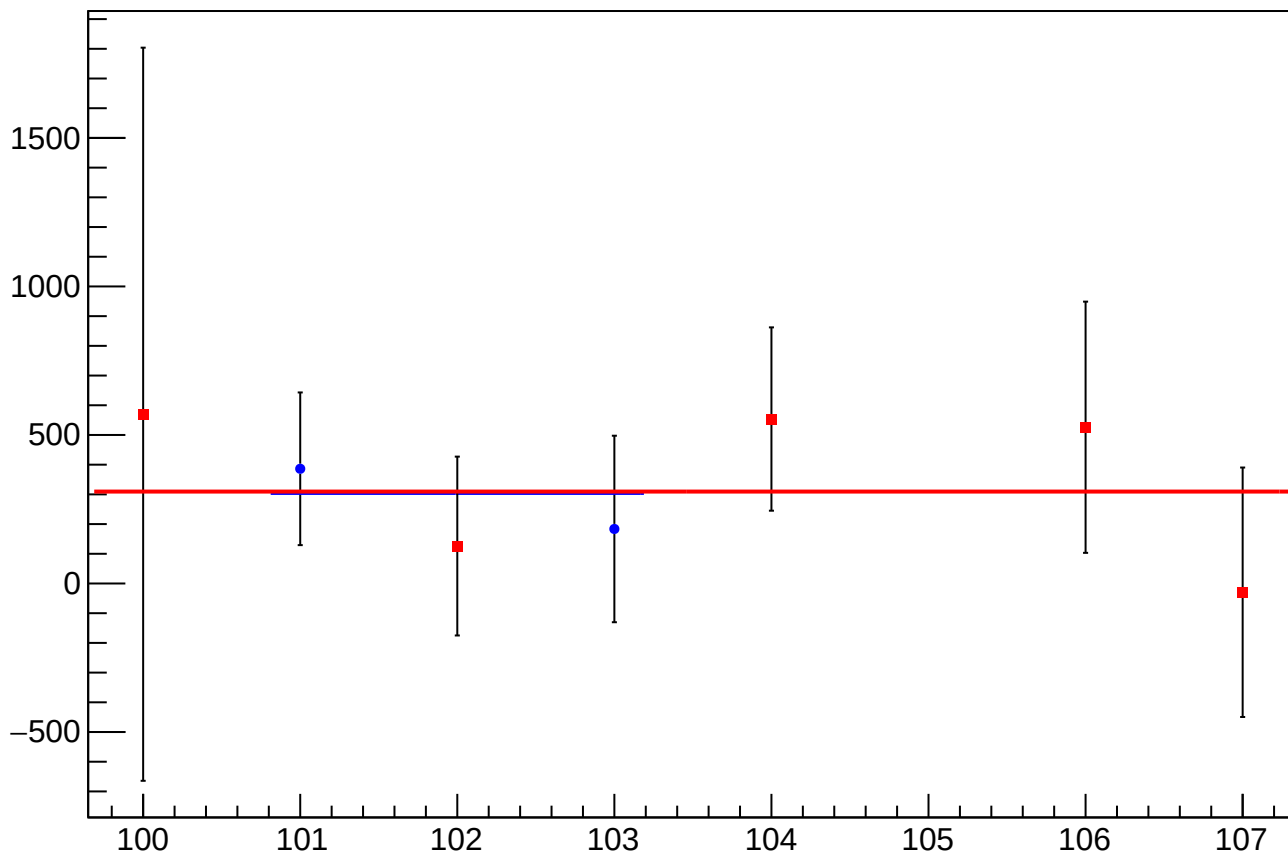
Right: 0.000+/-0.000 χ^2/NDF : 397583.4/6

In: 0.000+/-0.000 χ^2/NDF : 102041.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 397583.4/6

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 304.862 $\pm$ 198.858 χ^2 /NDF: 0.2/1

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

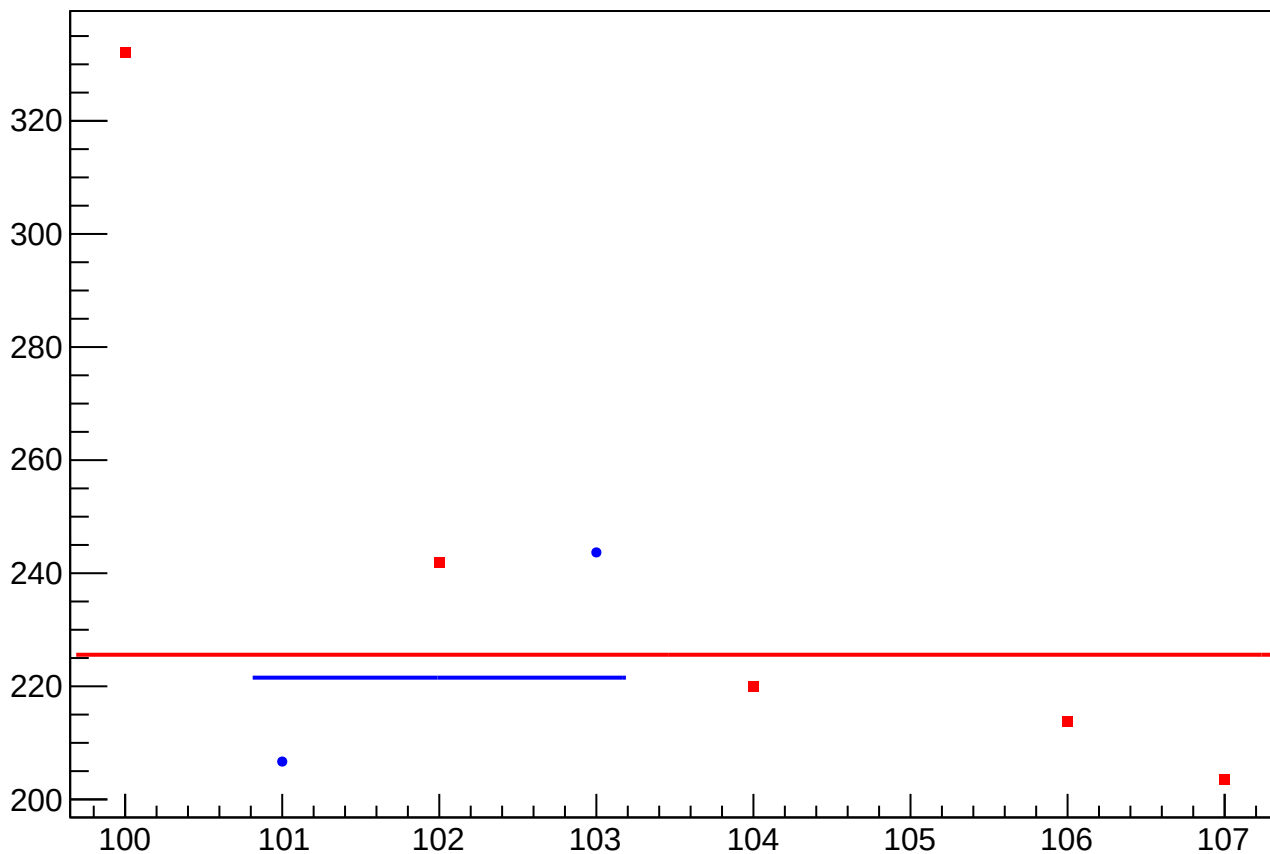
Right: 307.481 $\pm$ 130.471 χ^2 /NDF: 2.2/6

In: 304.862 $\pm$ 198.858 χ^2 /NDF:0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 307.481 $\pm$ 130.471 χ^2 /NDF: 2.2/6

reg_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 221.532 $\pm$ 0.141 χ^2 /NDF: 16623.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 225.583 $\pm$ 0.122 χ^2 /NDF: 28416.6/4

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

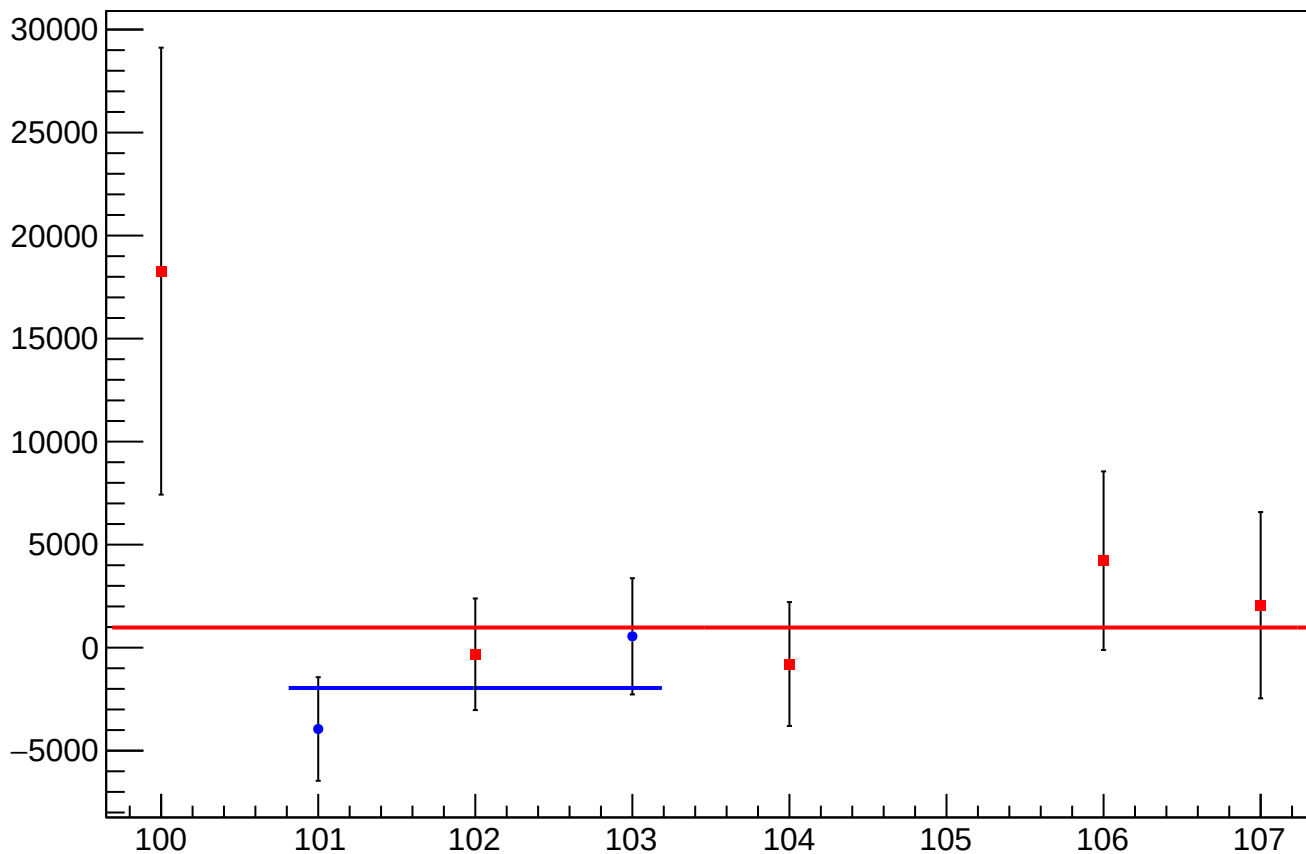
Right: 223.839 $\pm$ 0.092 χ^2 /NDF: 45512.8/6

In: 221.532 $\pm$ 0.141 χ^2 /NDF:16623.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 223.839 $\pm$ 0.092 χ^2 /NDF: 45512.8/6

asym_sam_26_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1956.186 $\pm$ 1876.659 χ^2 /NDF: 1.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 977.025 $\pm$ 1672.366 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

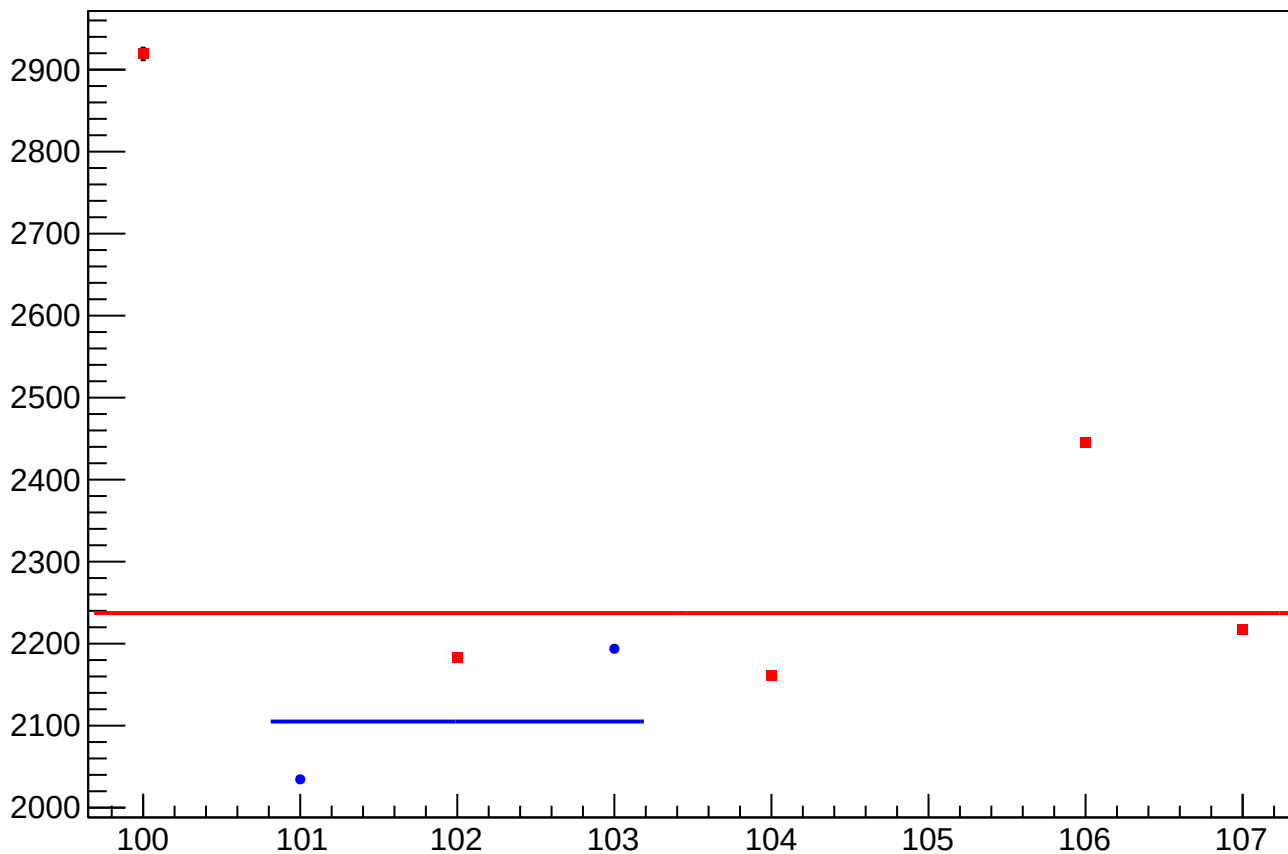
Right: -321.294 $\pm$ 1248.545 χ^2 /NDF: 6.5/6

In: -1956.186 $\pm$ 1876.659 χ^2 /NDF: 1.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -321.294 $\pm$ 1248.545 χ^2 /NDF: 6.5/6

asym_sam_26_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2105.035+/-1.327 χ^2/NDF : 3552.4/1

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

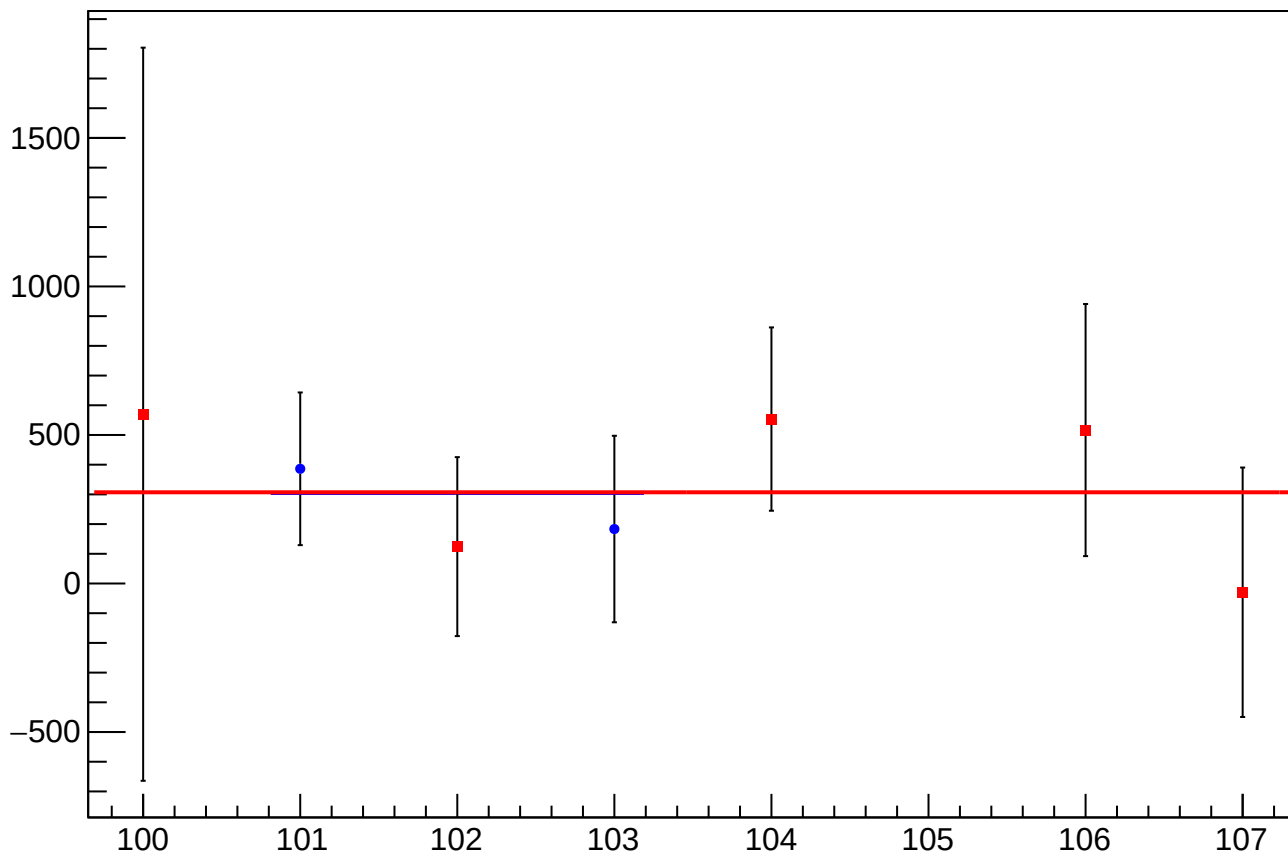
Right: 2178.759+/-0.883 χ^2/NDF : 23712.7/6

In: 2105.035+/-1.327 χ^2/NDF : 3552.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2178.759+/-0.883 χ^2/NDF : 23712.7/6

cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 304.771 $\pm$ 198.858 χ^2 /NDF: 0.2/1

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

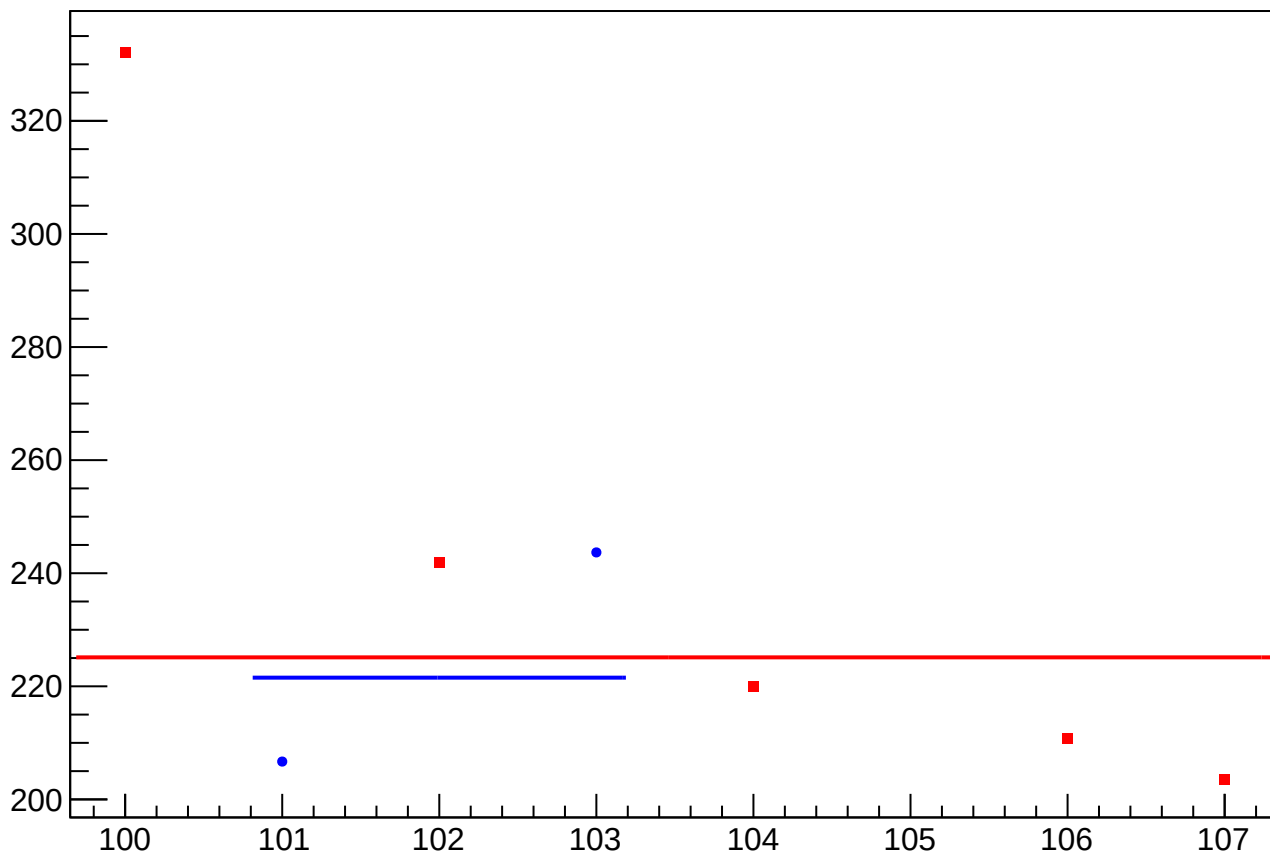
Right: 306.063 $\pm$ 130.528 χ^2 /NDF: 2.2/6

In: 304.771 $\pm$ 198.858 χ^2 /NDF:0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 306.063 $\pm$ 130.528 χ^2 /NDF: 2.2/6

cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 221.532 $\pm$ 0.141 χ^2 /NDF: 16624.3/1

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

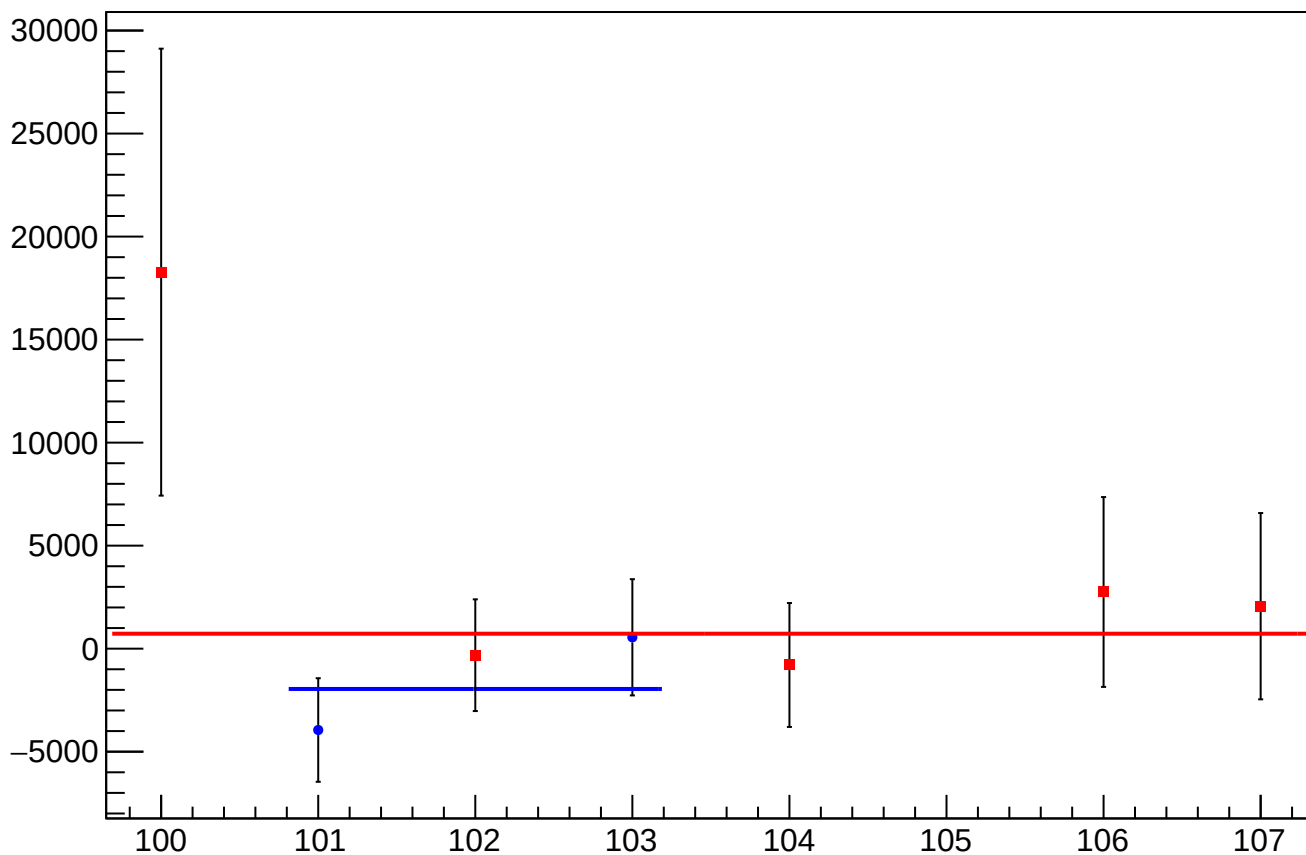
Right: 223.574 $\pm$ 0.092 χ^2 /NDF: 46391.8/6

In: 221.532 $\pm$ 0.141 χ^2 /NDF:16624.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 223.574 $\pm$ 0.092 χ^2 /NDF: 46391.8/6

asym_sam_26_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1955.794+/-1876.704 χ^2/NDF : 1.4/1

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

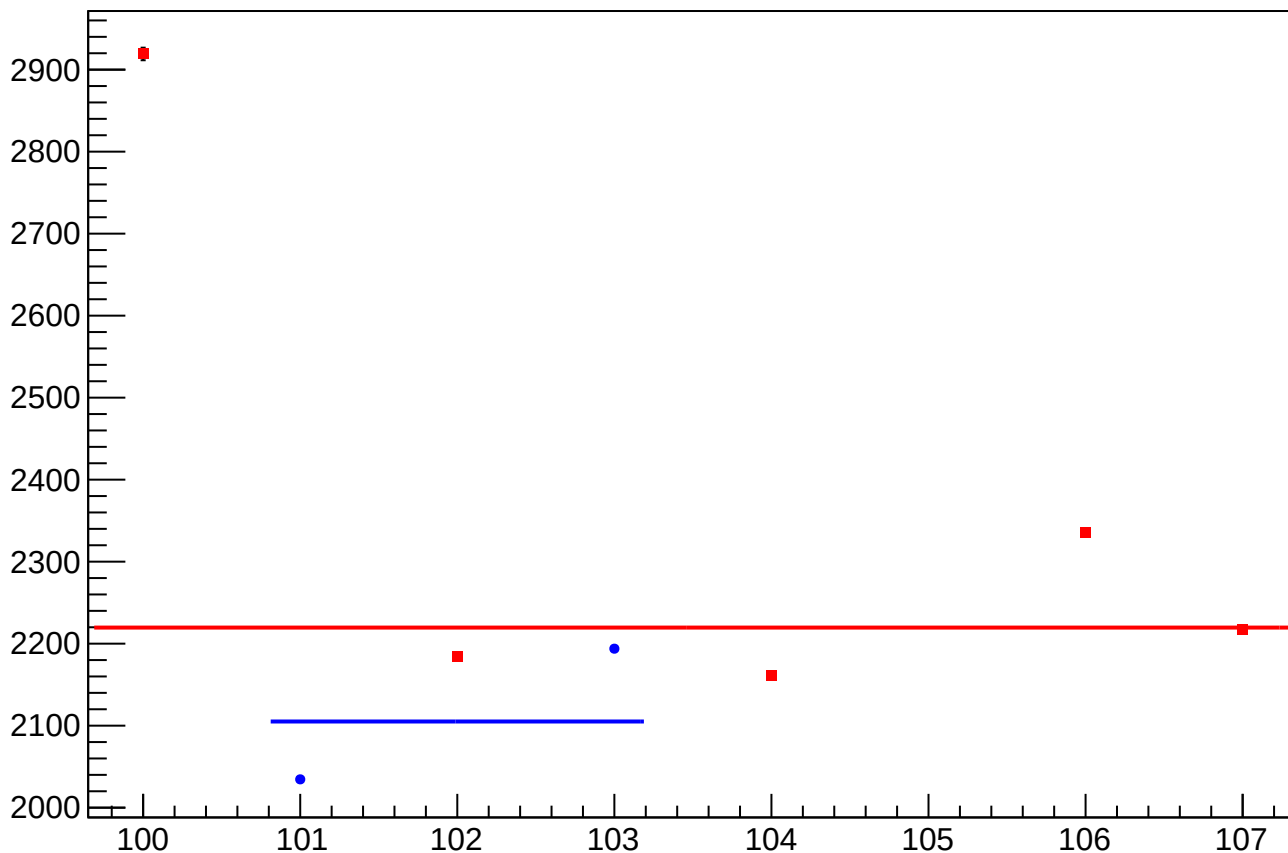
Right: -472.748+/-1254.726 χ^2/NDF : 5.8/6

In: -1955.794+/-1876.704 χ^2/NDF : 1.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -472.748+/-1254.726 χ^2/NDF : 5.8/6

asym_sam_26_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2105.081+/-1.327 χ^2/NDF : 3556.9/1

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

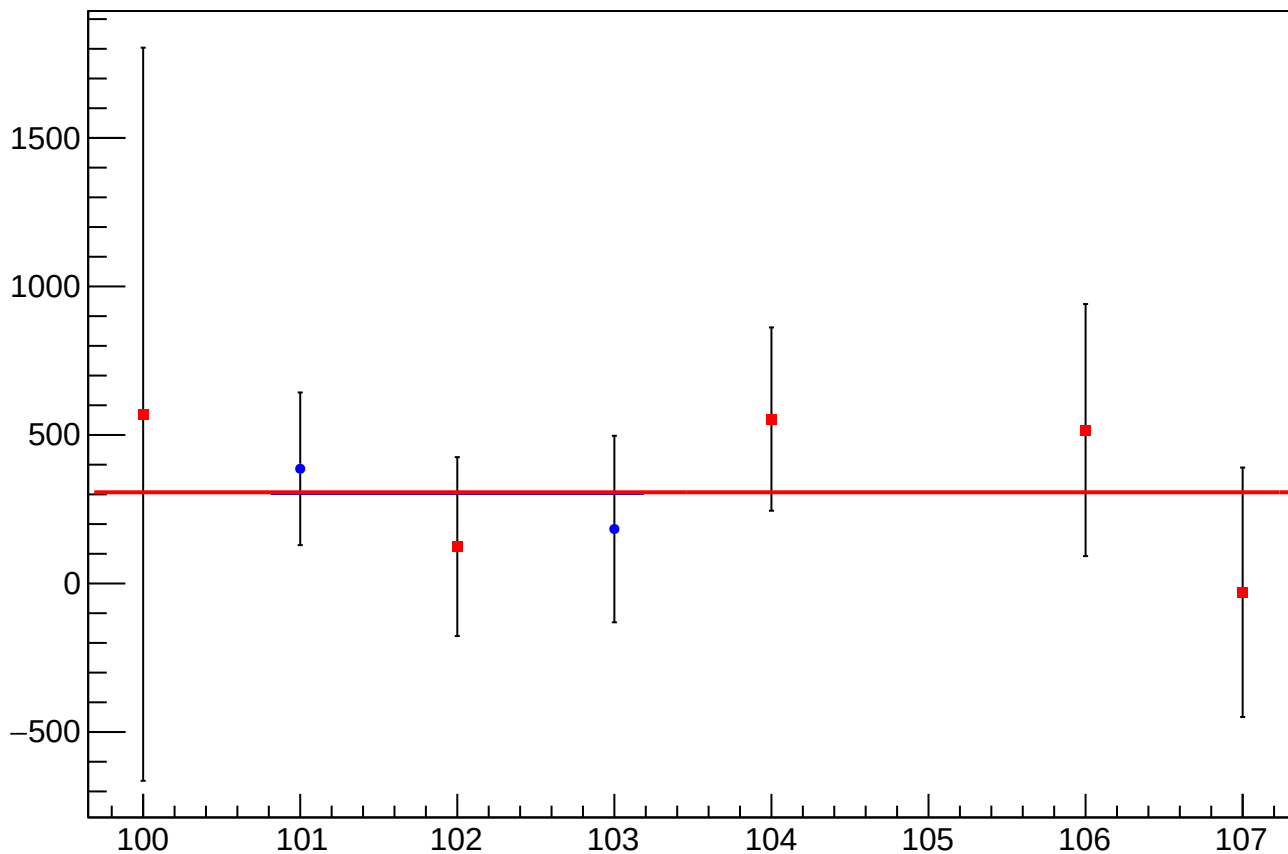
Right: 2168.417+/-0.887 χ^2/NDF : 18355.5/6

In: 2105.081+/-1.327 χ^2/NDF : 3556.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2168.417+/-0.887 χ^2/NDF : 18355.5/6

eigen_cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 304.771 $\pm$ 198.858 χ^2 /NDF: 0.2/1

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

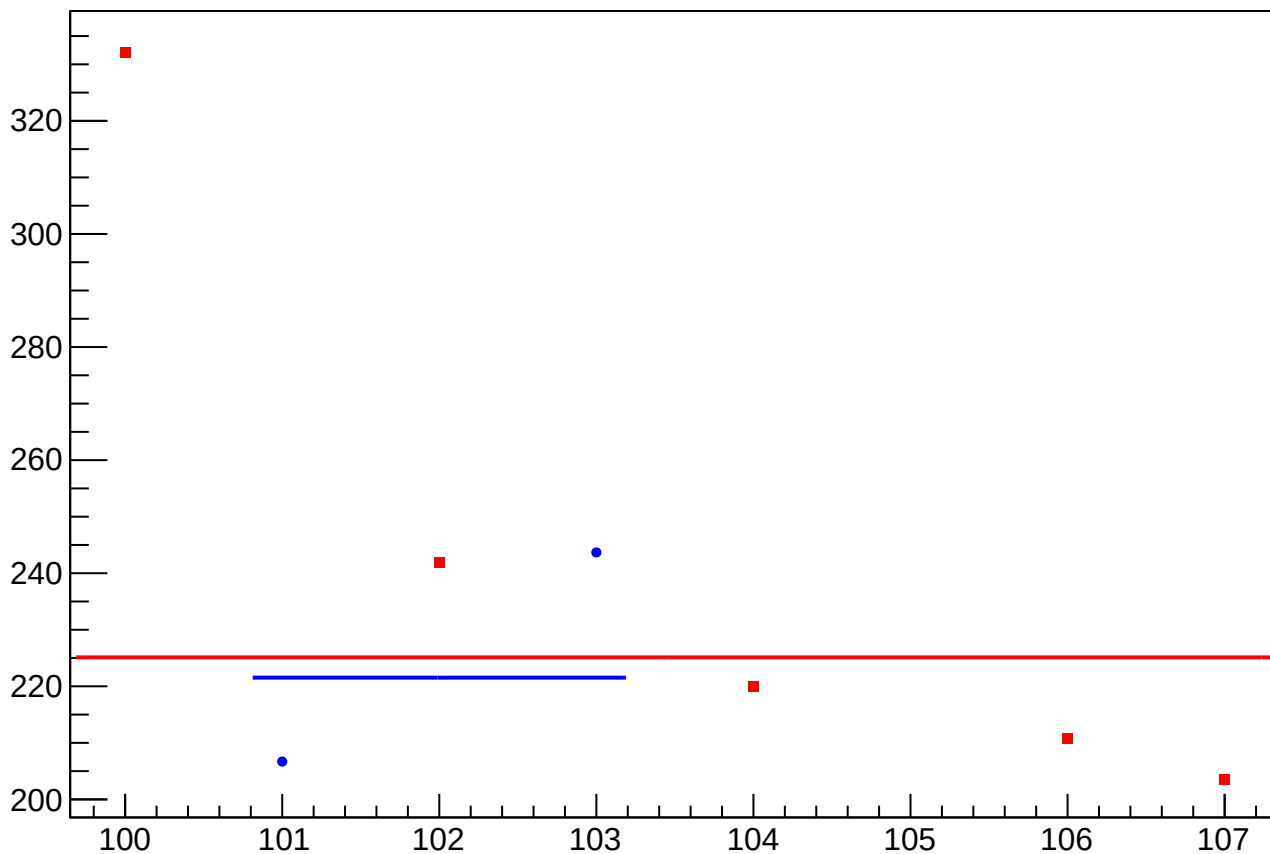
Right: 306.063 $\pm$ 130.528 χ^2 /NDF: 2.2/6

In: 304.771 $\pm$ 198.858 χ^2 /NDF:0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 306.063 $\pm$ 130.528 χ^2 /NDF: 2.2/6

eigen_cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 221.532 $\pm$ 0.141 χ^2 /NDF: 16624.3/1

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

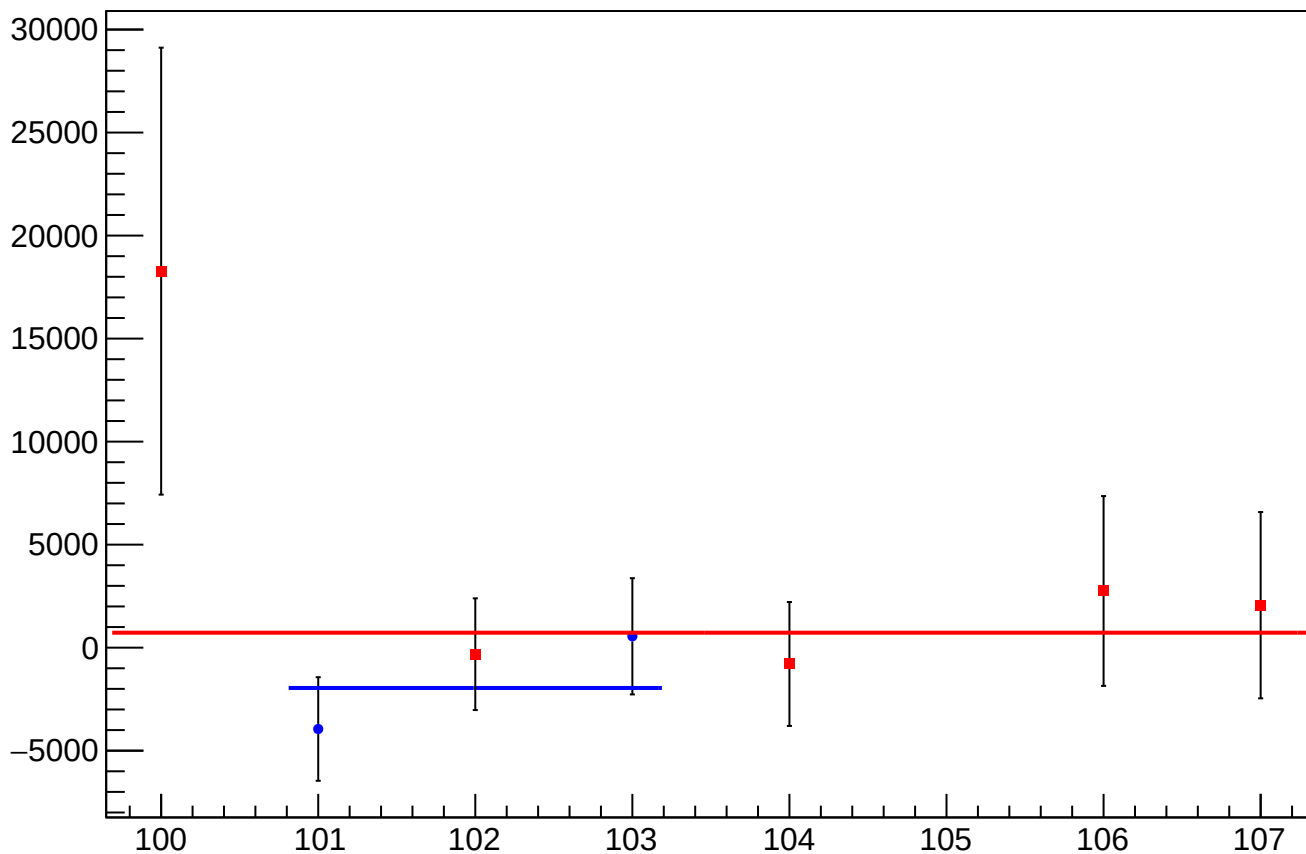
Right: 223.574 $\pm$ 0.092 χ^2 /NDF: 46391.8/6

In: 221.532 $\pm$ 0.141 χ^2 /NDF:16624.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 223.574 $\pm$ 0.092 χ^2 /NDF: 46391.8/6

asym_sam_26_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1955.794+/-1876.704 χ^2/NDF : 1.4/1

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

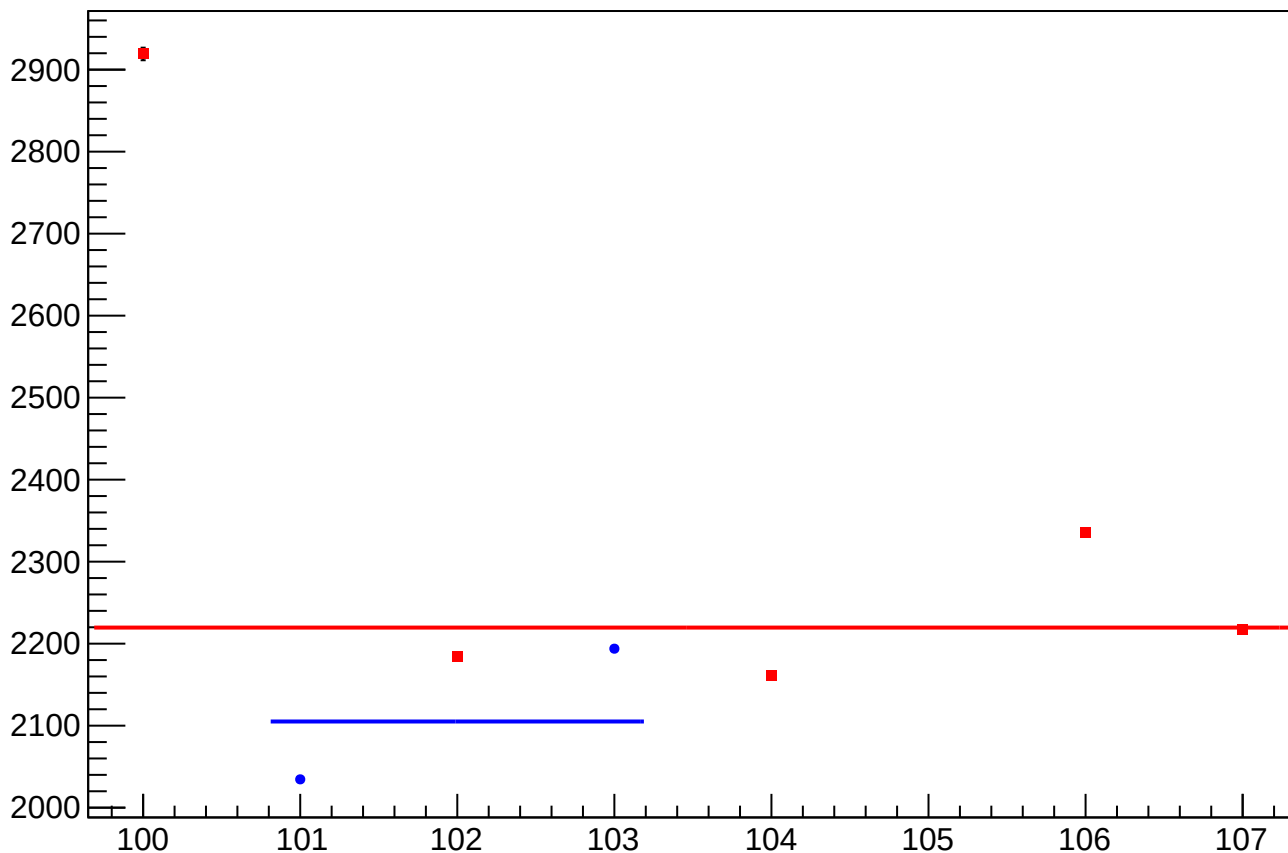
Right: -472.748+/-1254.726 χ^2/NDF : 5.8/6

In: -1955.794+/-1876.704 χ^2/NDF : 1.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -472.748+/-1254.726 χ^2/NDF : 5.8/6

asym_sam_26_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2105.081+/-1.327 χ^2/NDF : 3556.9/1

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

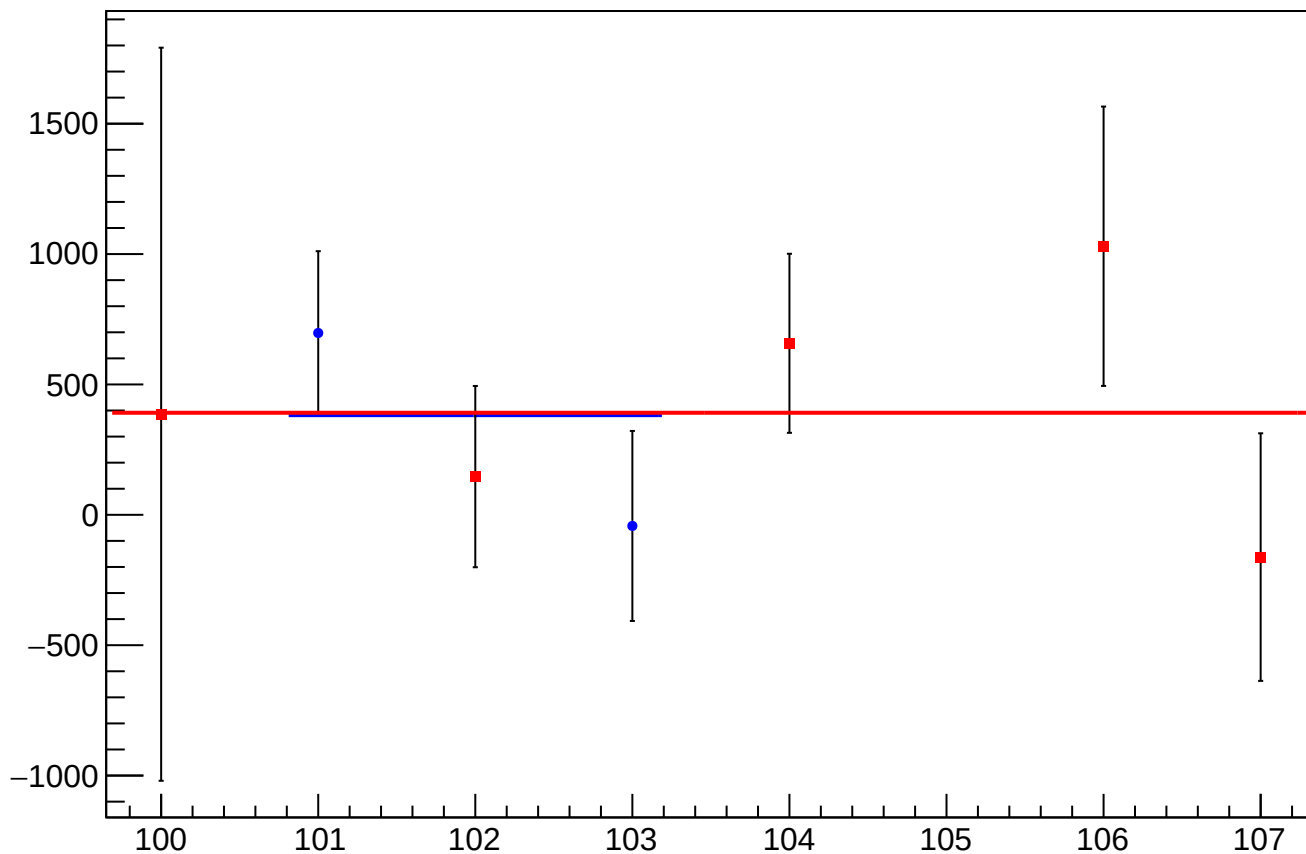
Right: 2168.417+/-0.887 χ^2/NDF : 18355.5/6

In: 2105.081+/-1.327 χ^2/NDF : 3556.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2168.417+/-0.887 χ^2/NDF : 18355.5/6

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 382.263 $\pm$ 237.751 χ^2 /NDF: 2.4/1

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

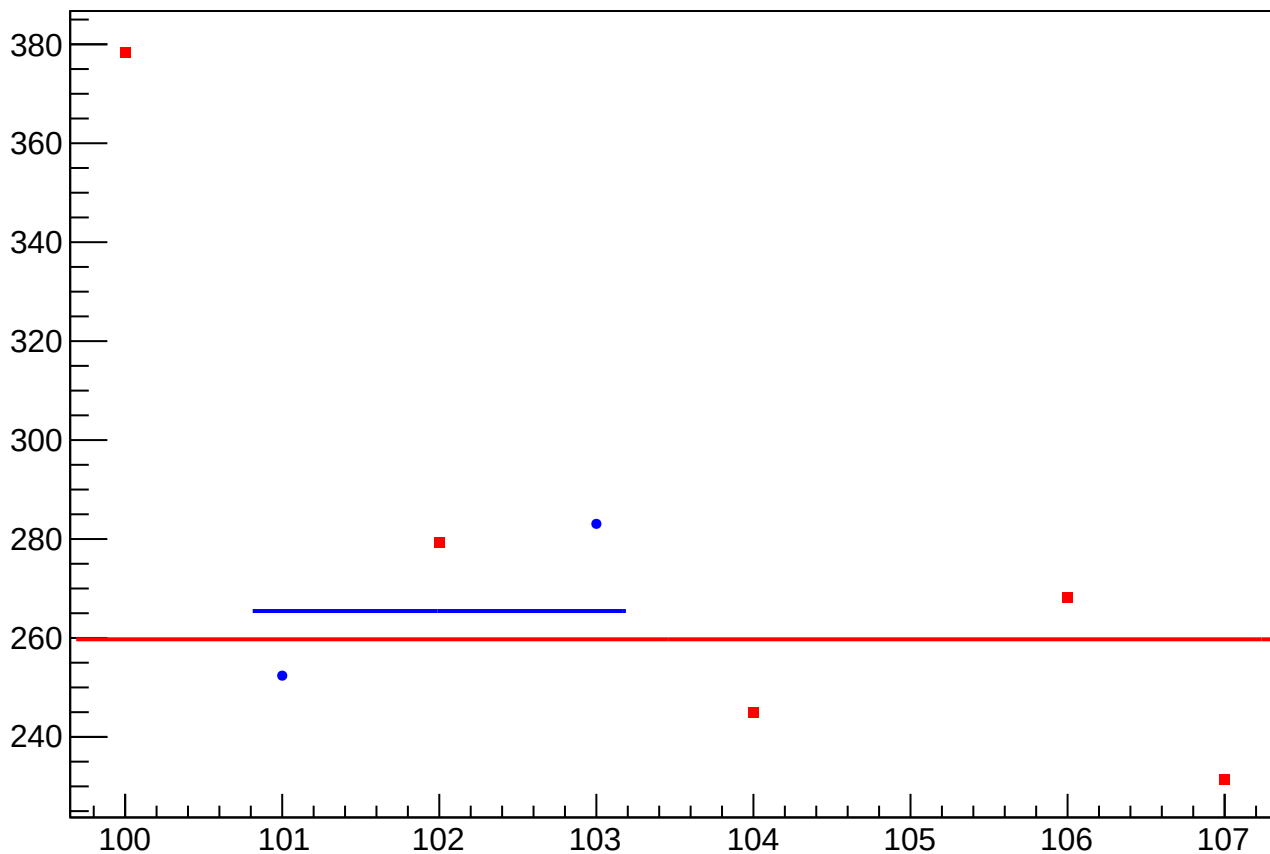
Right: 387.633 $\pm$ 152.718 χ^2 /NDF: 6.2/6

In: 382.263 $\pm$ 237.751 χ^2 /NDF: 2.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 387.633 $\pm$ 152.718 χ^2 /NDF: 6.2/6

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 265.450+/-0.168 χ^2/NDF : 8146.3/1

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

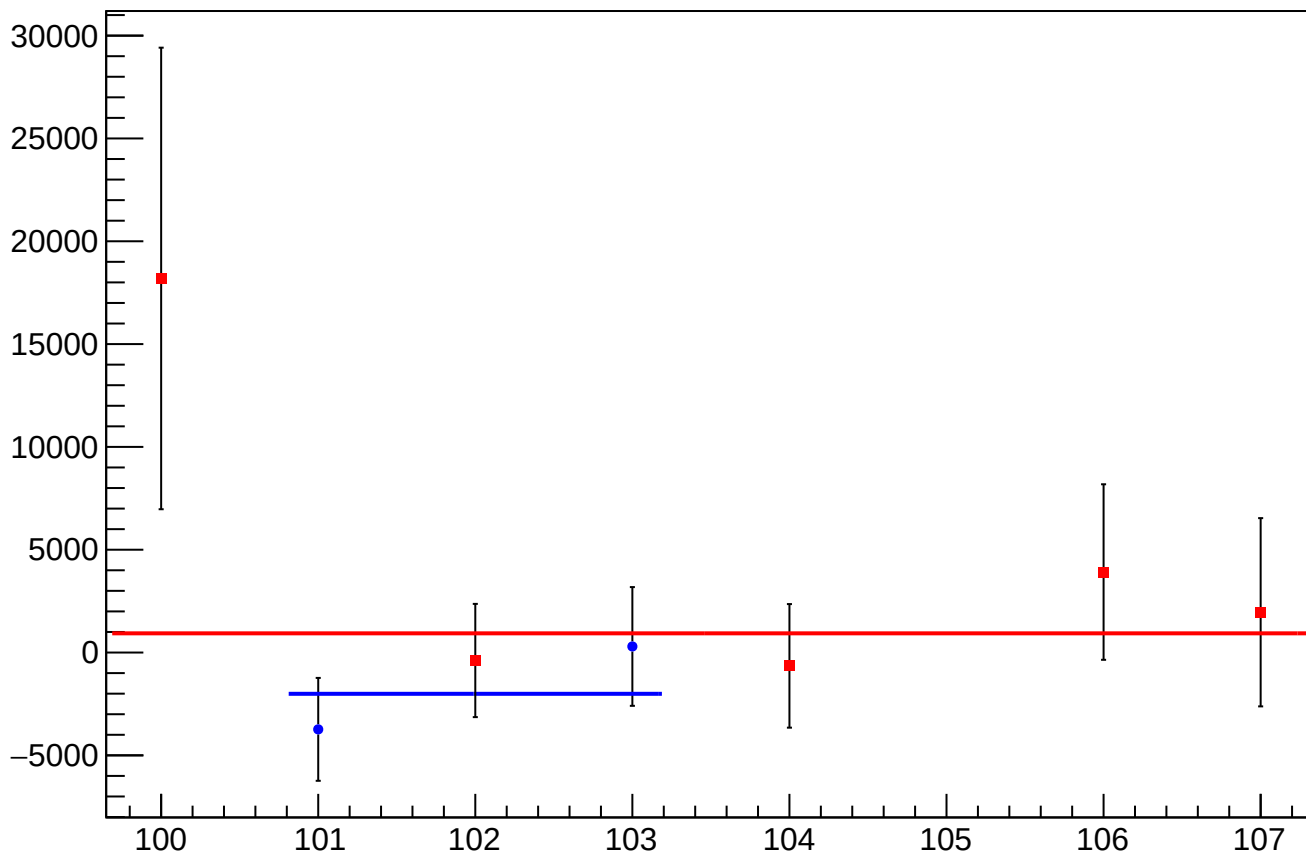
Right: 262.091+/-0.108 χ^2/NDF : 40696.8/6

In: 265.450+/-0.168 χ^2/NDF : 8146.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 262.091+/-0.108 χ^2/NDF : 40696.8/6

asym_sam_26_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -2006.927+/-1890.700 χ^2/NDF : 1.1/1

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

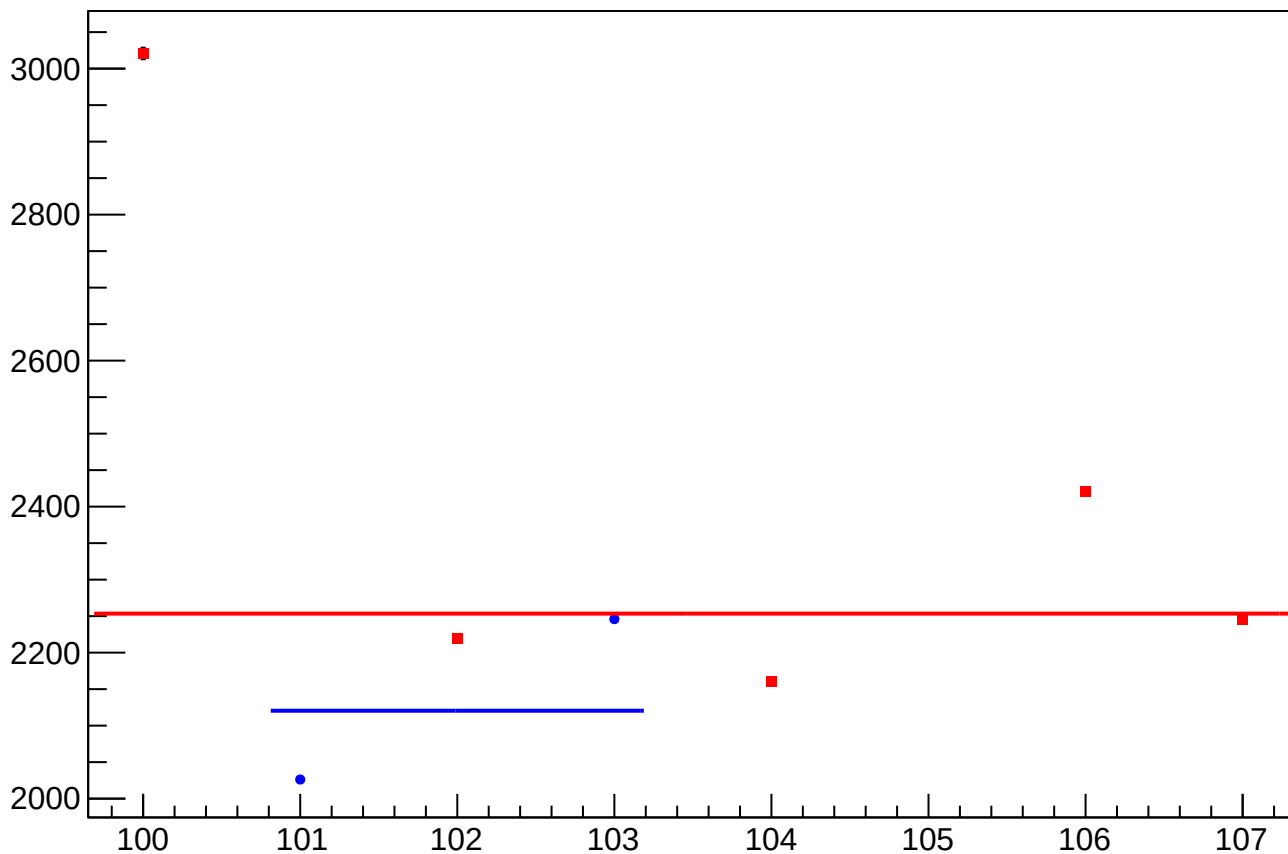
Right: -365.763+/-1256.928 χ^2/NDF : 5.9/6

In: -2006.927+/-1890.700 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -365.763+/-1256.928 χ^2/NDF : 5.9/6

asym_sam_26_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2120.437+/-1.337 χ^2/NDF : 6615.9/1

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

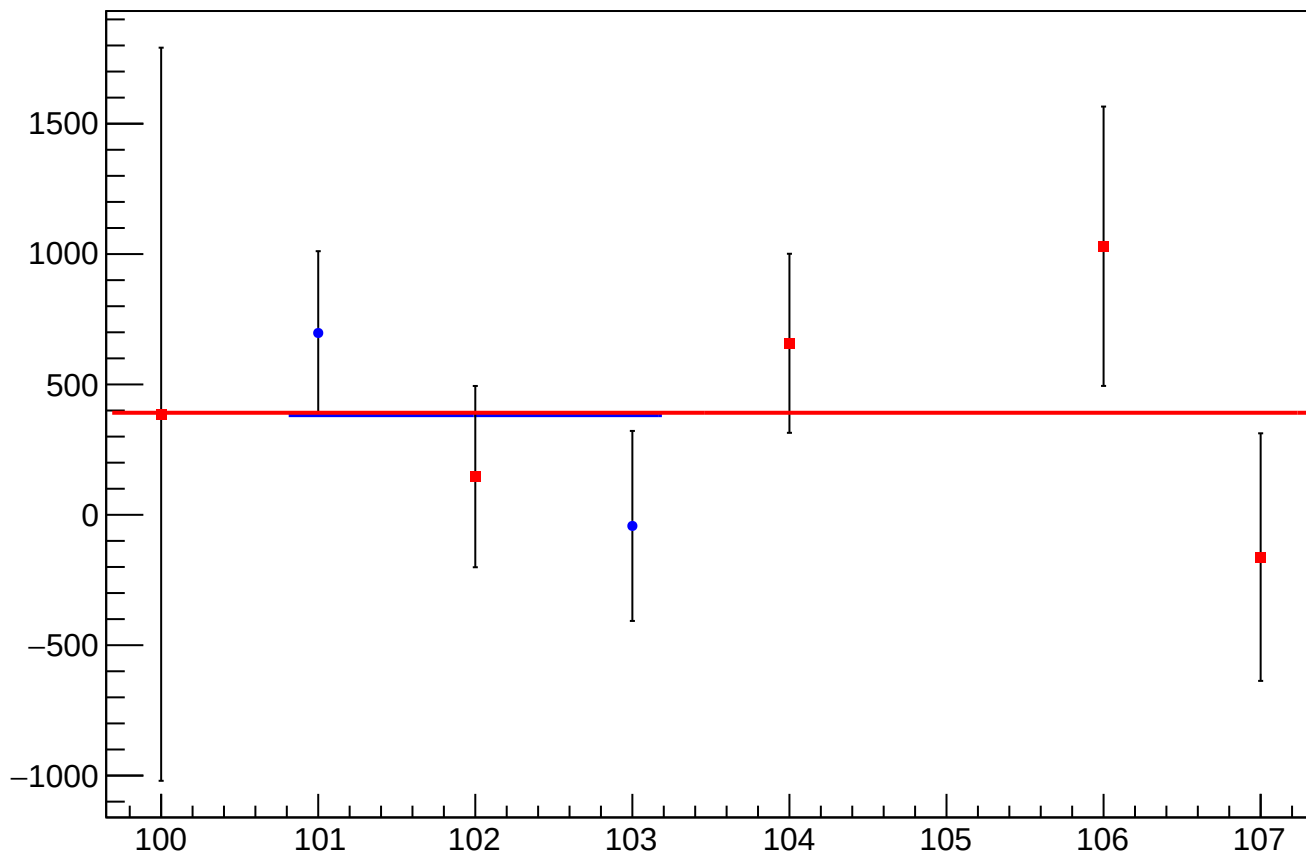
Right: 2194.669+/-0.889 χ^2/NDF : 26827.5/6

In: 2120.437+/-1.337 χ^2/NDF : 6615.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2194.669+/-0.889 χ^2/NDF : 26827.5/6

eigen_dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 382.258 $\pm$ 237.750 χ^2 /NDF: 2.4/1

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

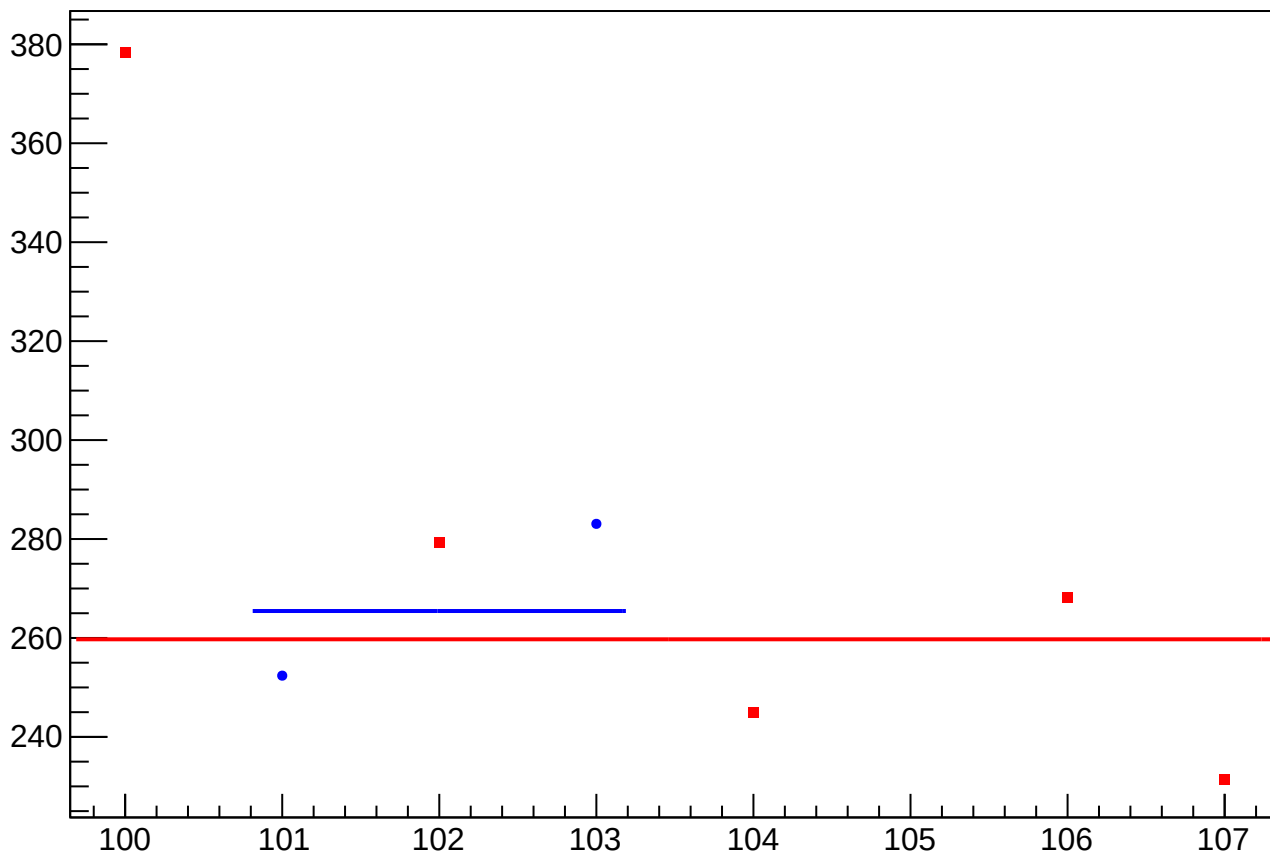
Right: 387.634 $\pm$ 152.718 χ^2 /NDF: 6.2/6

In: 382.258 $\pm$ 237.750 χ^2 /NDF: 2.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 387.634 $\pm$ 152.718 χ^2 /NDF: 6.2/6

eigen_dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 265.449+/-0.168 χ^2/NDF : 8145.4/1

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

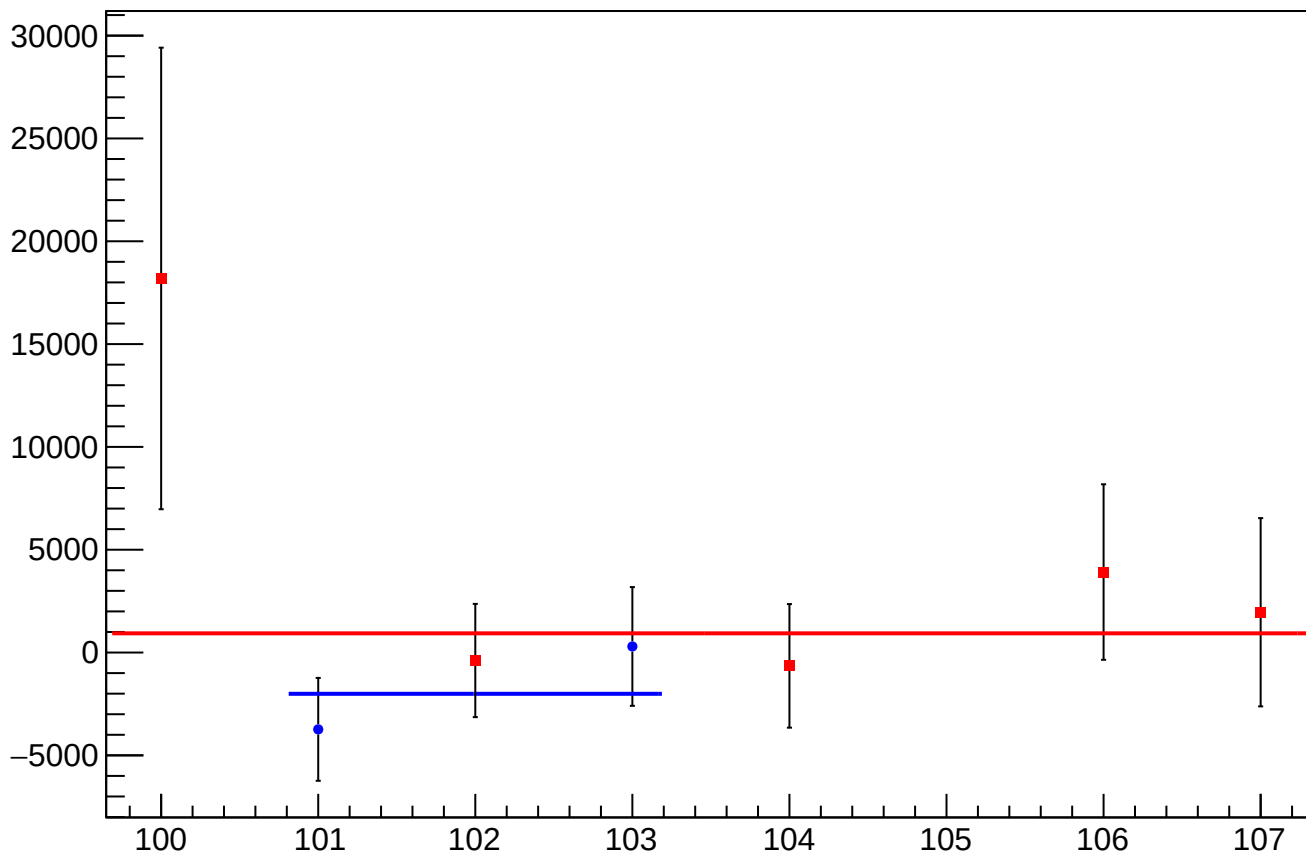
Right: 262.090+/-0.108 χ^2/NDF : 40695.1/6

In: 265.449+/-0.168 χ^2/NDF : 8145.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 262.090+/-0.108 χ^2/NDF : 40695.1/6

asym_sam_26_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -2006.925+/-1890.697 χ^2/NDF : 1.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 933.972+/-1682.573 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

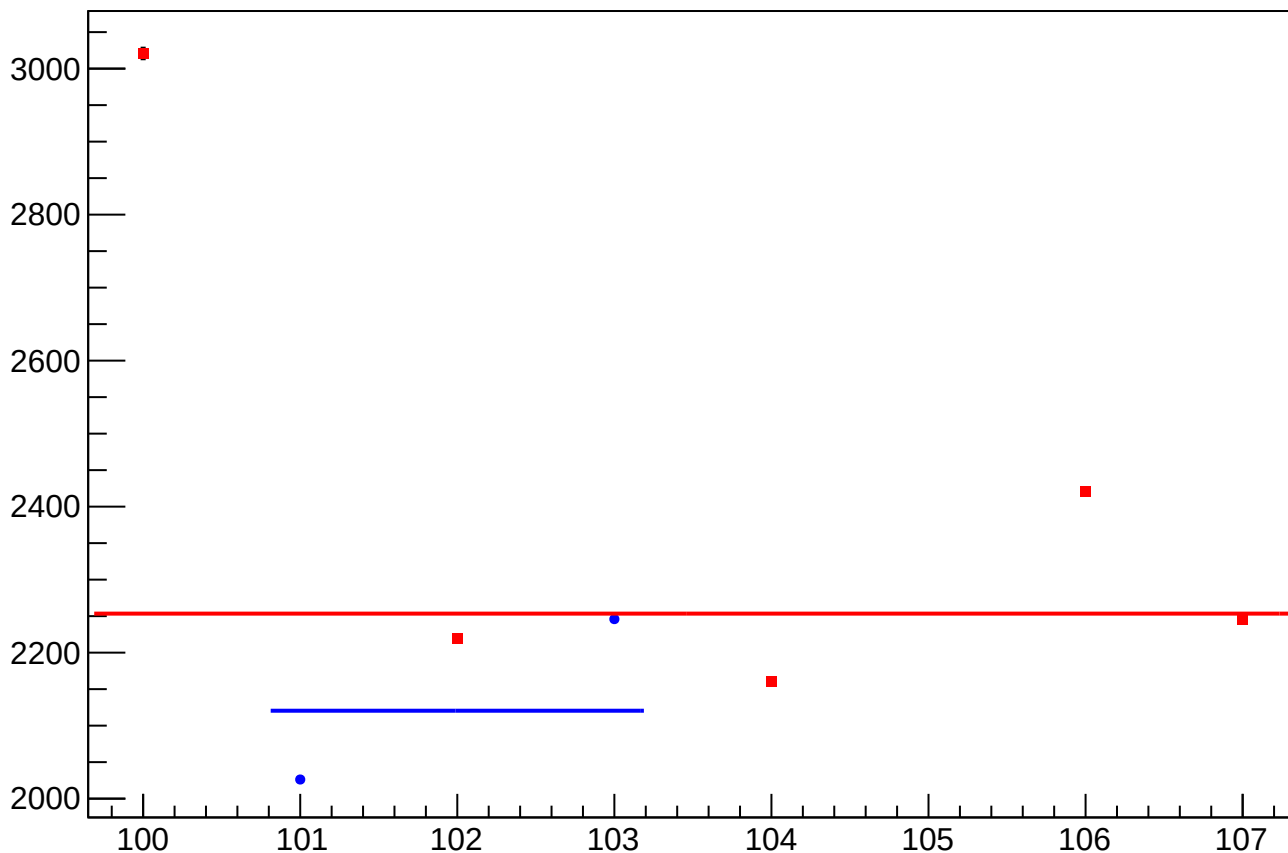
Right: -365.764+/-1256.926 χ^2/NDF : 5.9/6

In: -2006.925+/-1890.697 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -365.764+/-1256.926 χ^2/NDF : 5.9/6

asym_sam_26_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2120.433+/-1.337 χ^2/NDF : 6615.5/1

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

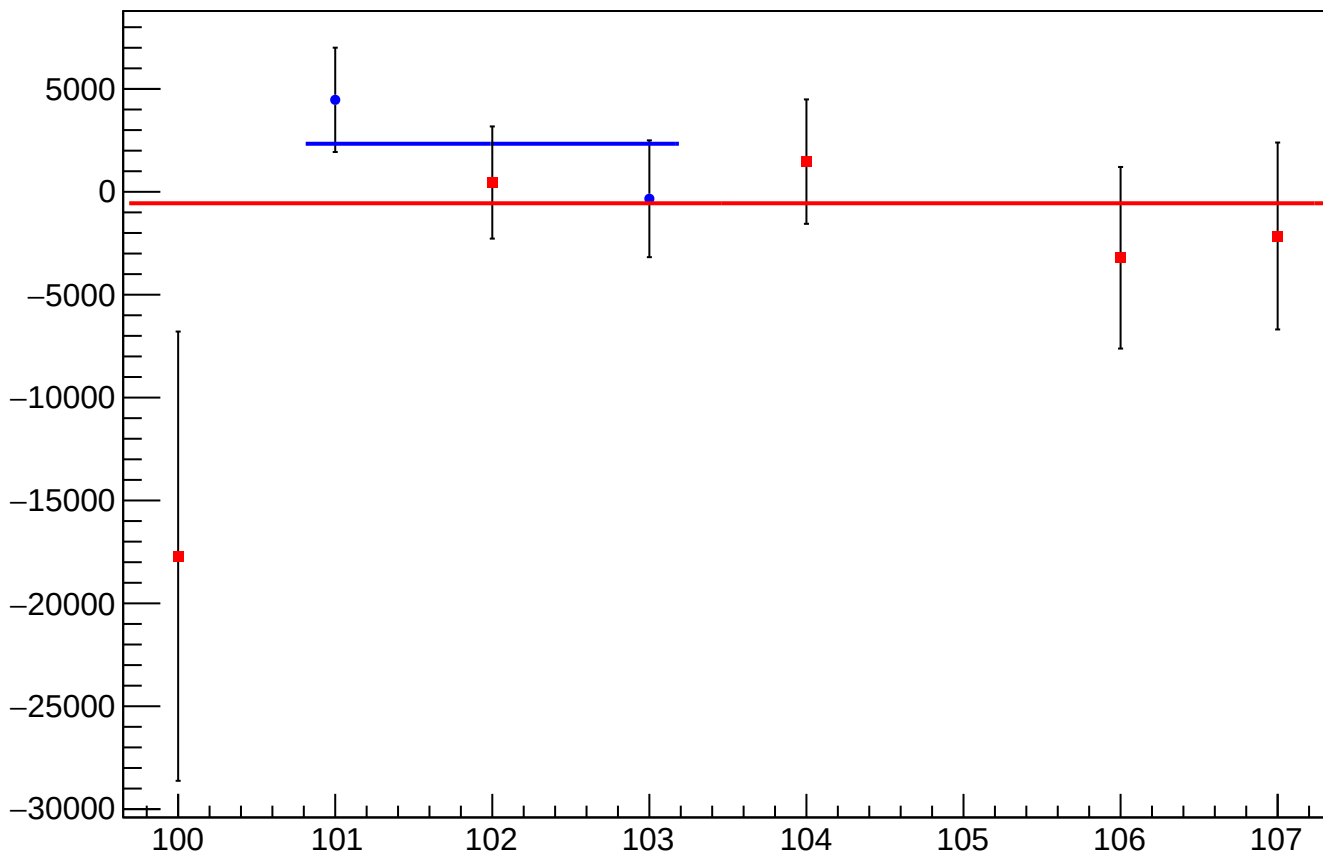
Right: 2194.664+/-0.889 χ^2/NDF : 26827.4/6

In: 2120.433+/-1.337 χ^2/NDF : 6615.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2194.664+/-0.889 χ^2/NDF : 26827.4/6

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 2335.962 $\pm$ 1890.730 χ^2 /NDF: 1.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -556.381 $\pm$ 1685.023 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

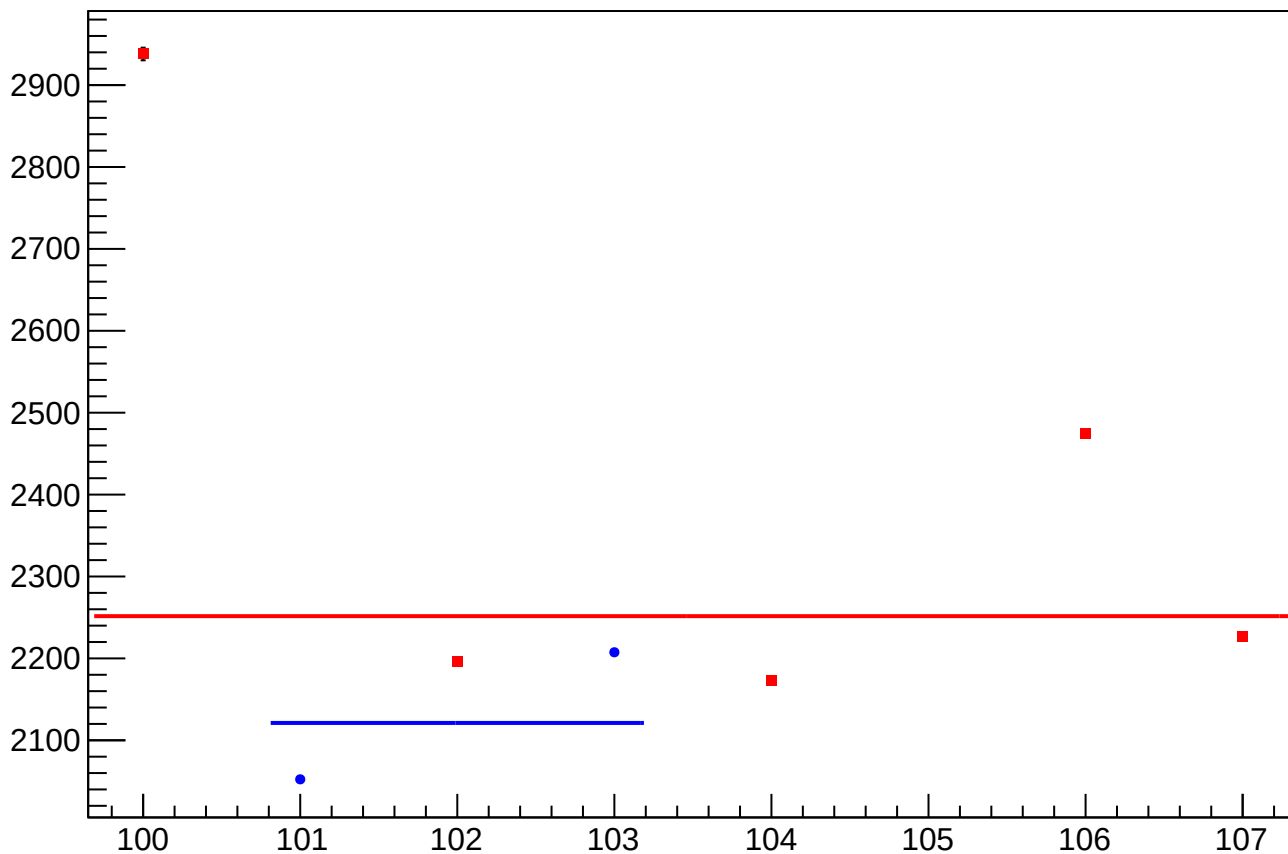
Right: 723.947 $\pm$ 1257.956 χ^2 /NDF: 6.4/6

In: 2335.962 $\pm$ 1890.730 χ^2 /NDF: 1.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 723.947 $\pm$ 1257.956 χ^2 /NDF: 6.4/6

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 2121.200+/-1.337 χ^2/NDF : 3323.9/1

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

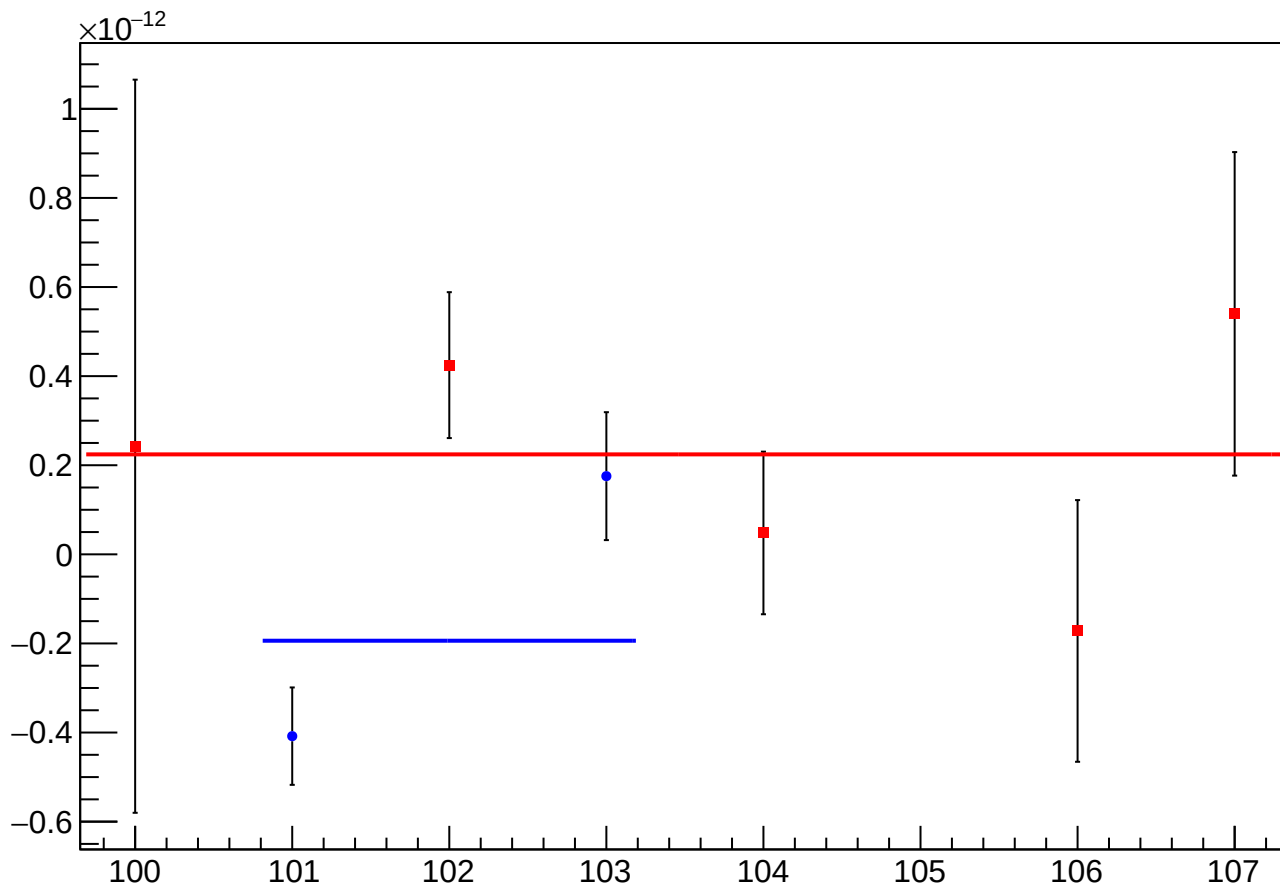
Right: 2193.866+/-0.890 χ^2/NDF : 23834.4/6

In: 2121.200+/-1.337 χ^2/NDF : 3323.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2193.866+/-0.890 χ^2/NDF : 23834.4/6

asym_sam_26_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.5/1

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

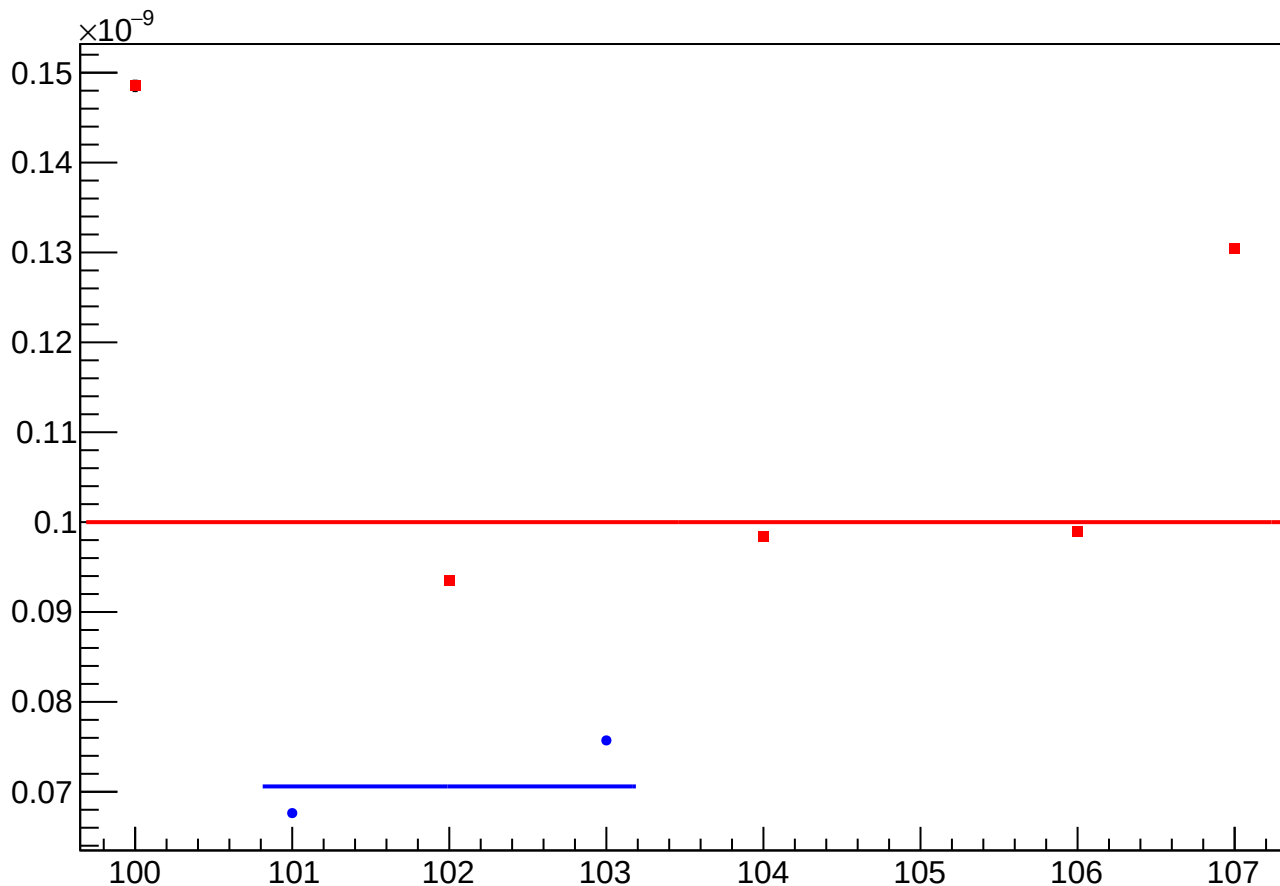
Right: -0.000+/-0.000 χ^2/NDF : 24.7/6

In: -0.000+/-0.000 χ^2/NDF : 10.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.7/6

asym_sam_26_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4017.9/1

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

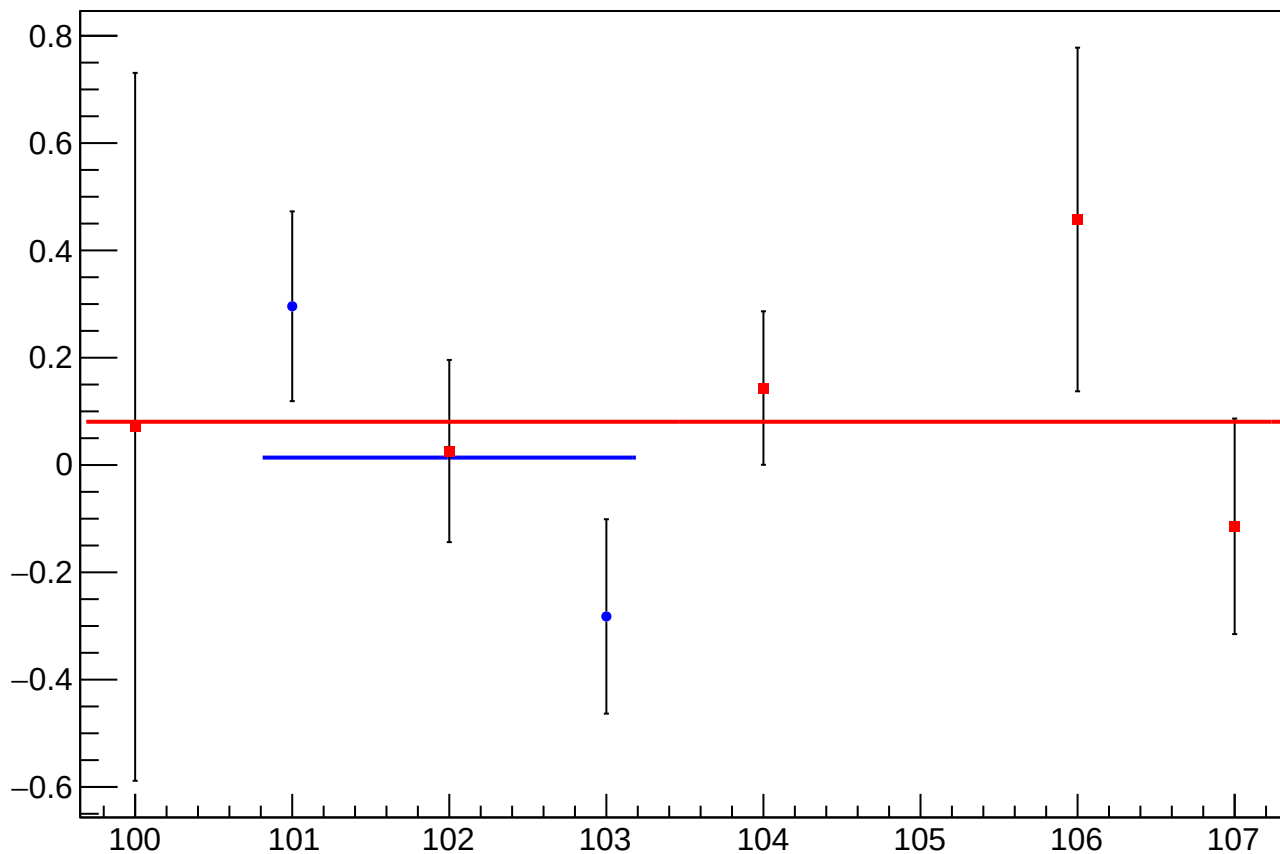
Right: 0.000+/-0.000 χ^2/NDF : 119663.8/6

In: 0.000+/-0.000 χ^2/NDF : 4017.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 119663.8/6

asym_sam_26_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.127 χ^2 /NDF: 5.2/1

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

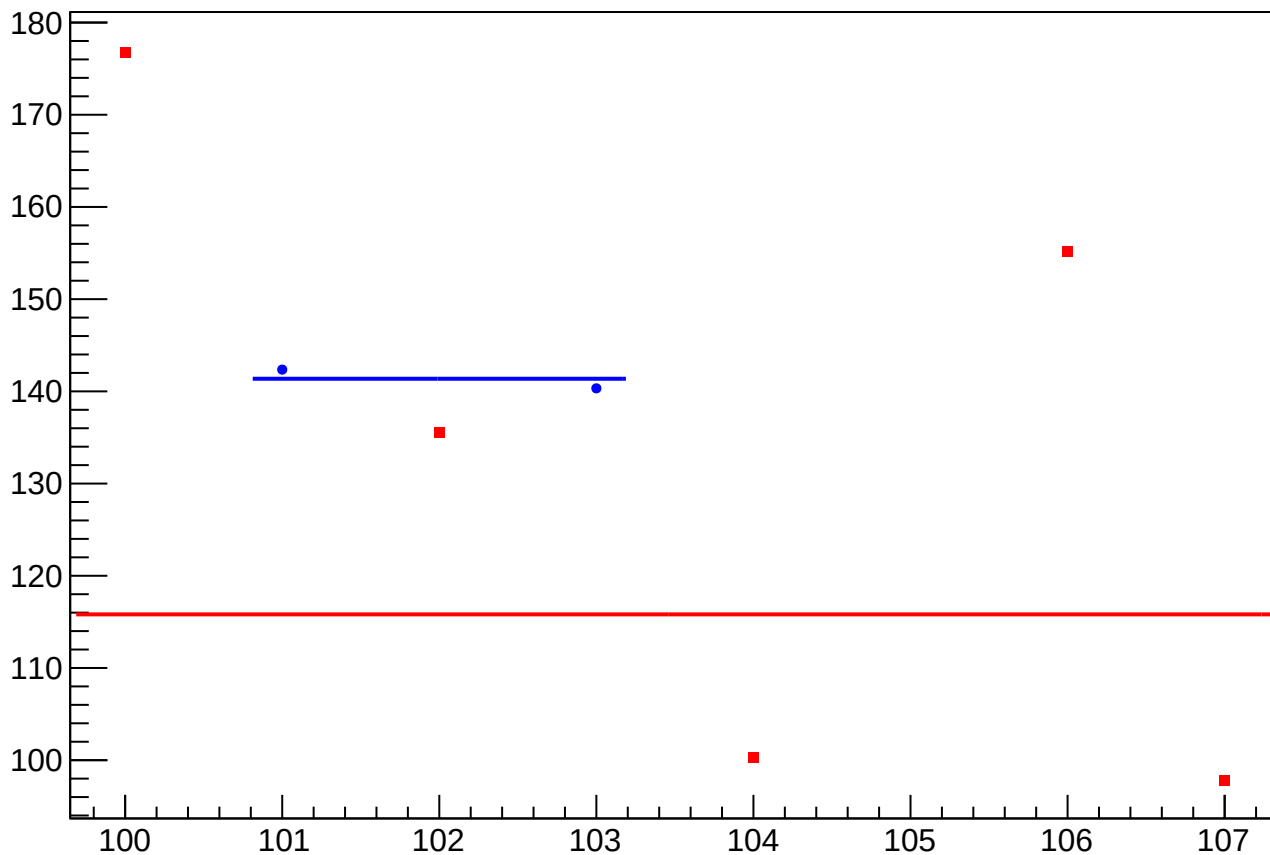
Right: 0.058 $\pm$ 0.074 χ^2 /NDF: 8.0/6

In: 0.014 $\pm$ 0.127 χ^2 /NDF: 5.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.058 $\pm$ 0.074 χ^2 /NDF: 8.0/6

asym_sam_26_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 141.368 $\pm$ 0.089 χ^2 /NDF: 128.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 115.813 $\pm$ 0.064 χ^2 /NDF: 114034.3/4

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

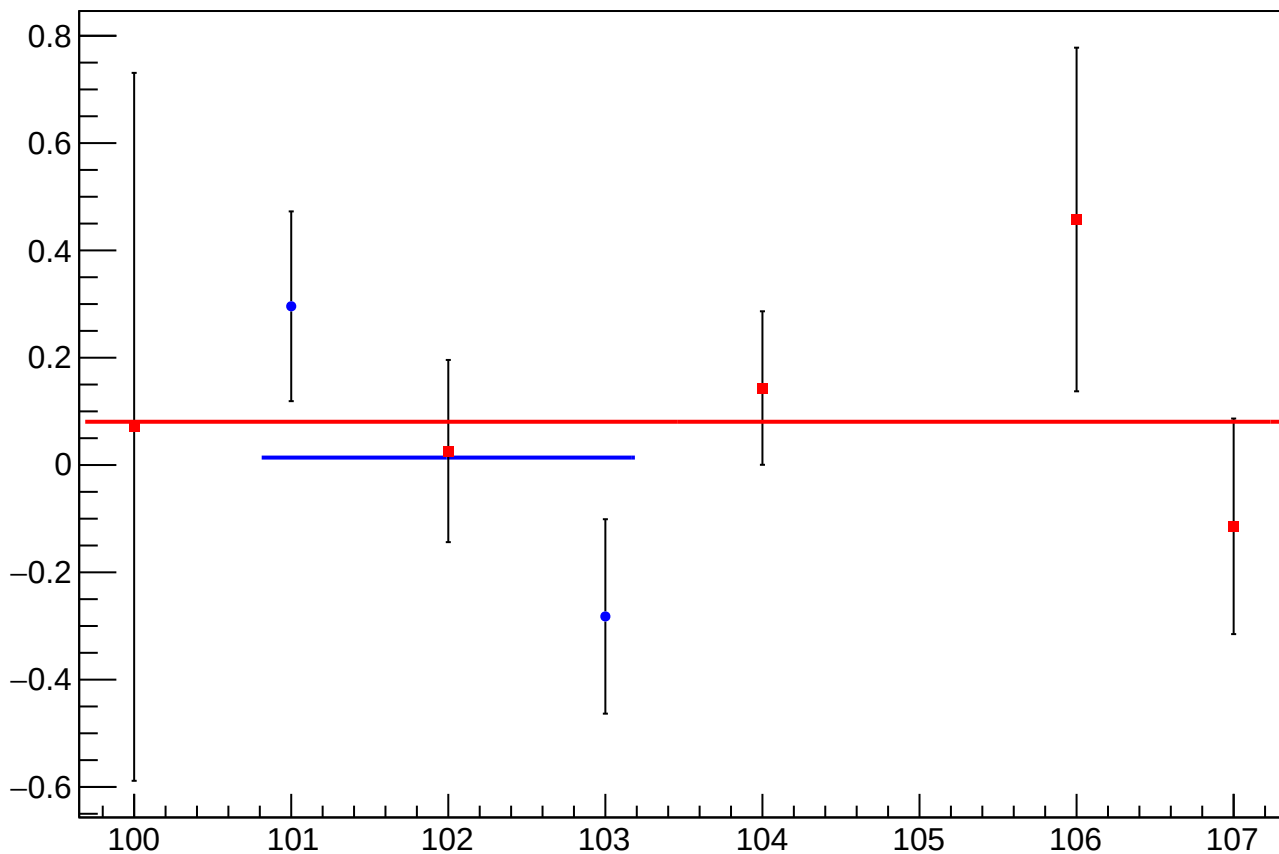
Right: 124.540 $\pm$ 0.052 χ^2 /NDF: 167865.8/6

In: 141.368 $\pm$ 0.089 χ^2 /NDF:128.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 124.540 $\pm$ 0.052 χ^2 /NDF: 167865.8/6

asym_sam_26_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.127 χ^2 /NDF: 5.2/1

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

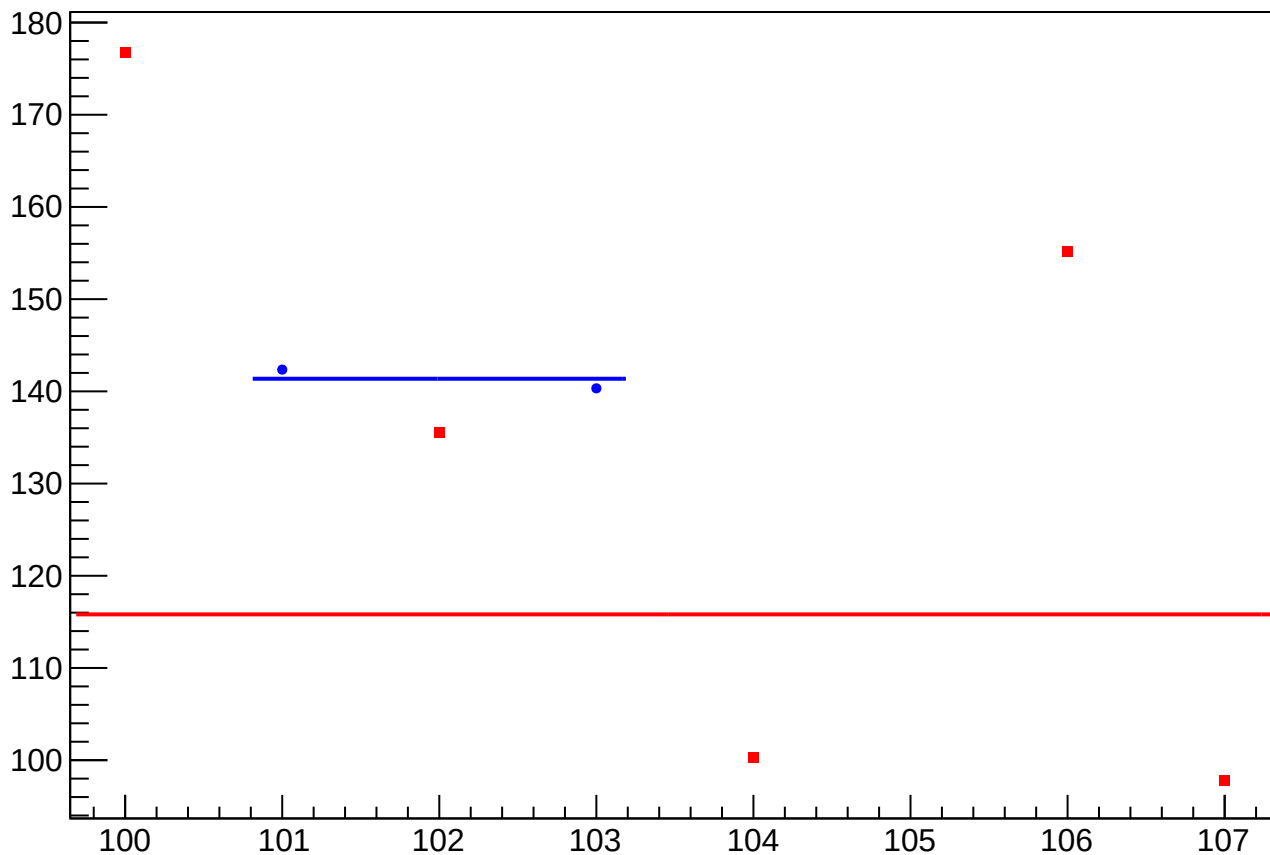
Right: 0.058 $\pm$ 0.074 χ^2 /NDF: 8.0/6

In: 0.014 $\pm$ 0.127 χ^2 /NDF: 5.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.058 $\pm$ 0.074 χ^2 /NDF: 8.0/6

asym_sam_26_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 141.368 $\pm$ 0.089 χ^2 /NDF: 128.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 115.813 $\pm$ 0.064 χ^2 /NDF: 114034.3/4

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

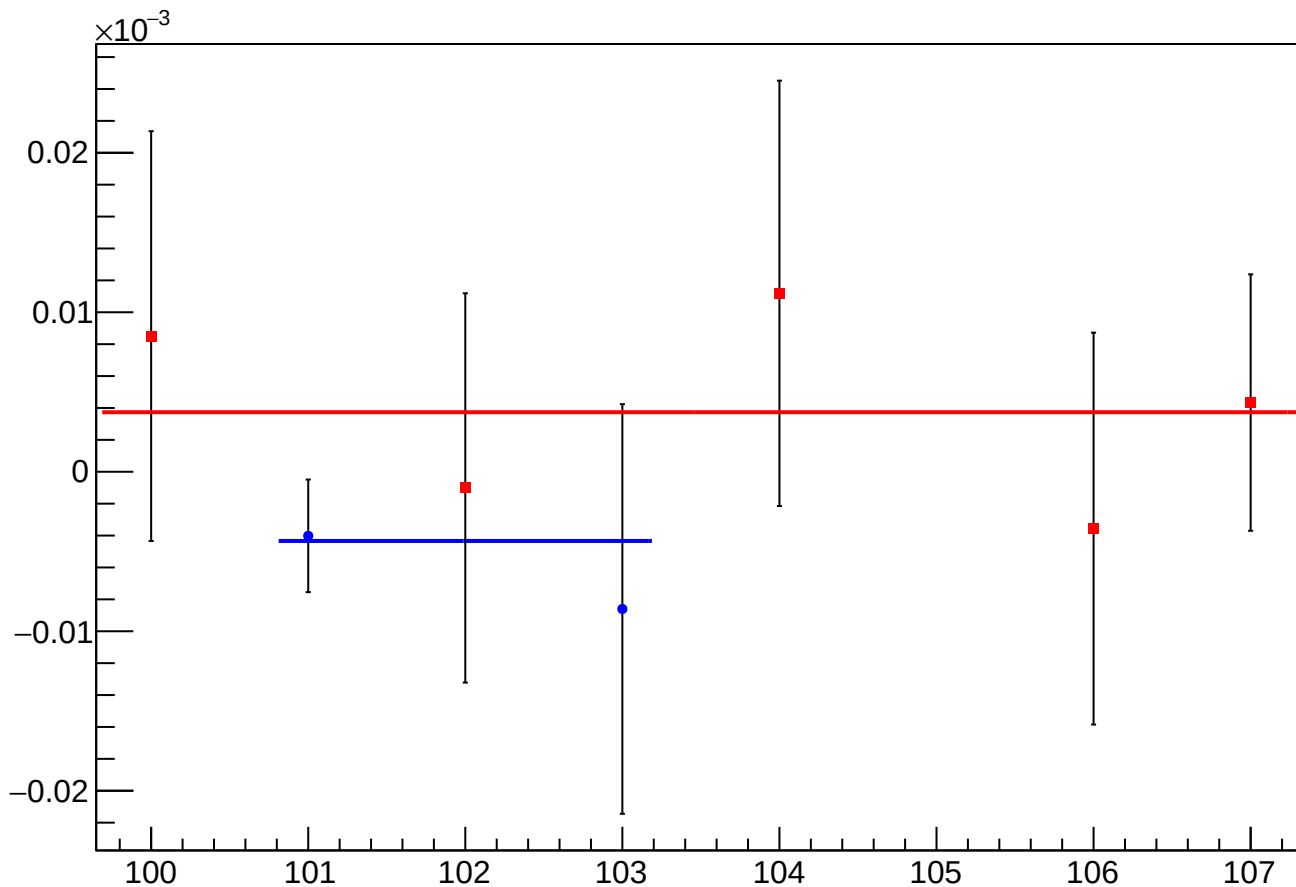
Right: 124.540 $\pm$ 0.052 χ^2 /NDF: 167865.8/6

In: 141.368 $\pm$ 0.089 χ^2 /NDF:128.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 124.540 $\pm$ 0.052 χ^2 /NDF: 167865.8/6

asym_sam_26_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.1/1

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

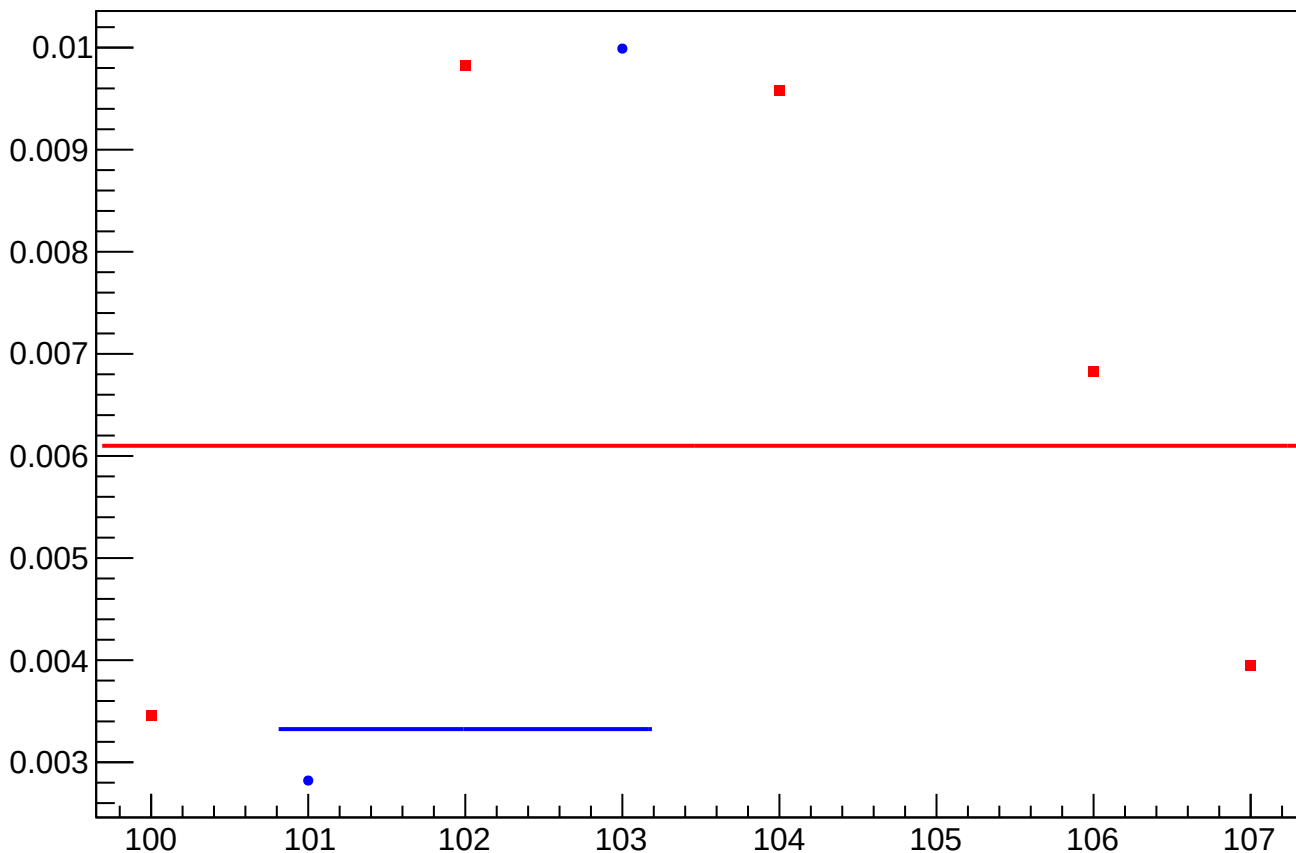
Right: -0.000+/-0.000 χ^2 /NDF: 2.9/6

In: -0.000+/-0.000 χ^2 /NDF:0.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 2.9/6

asym_sam_26_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 579565.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 557752.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

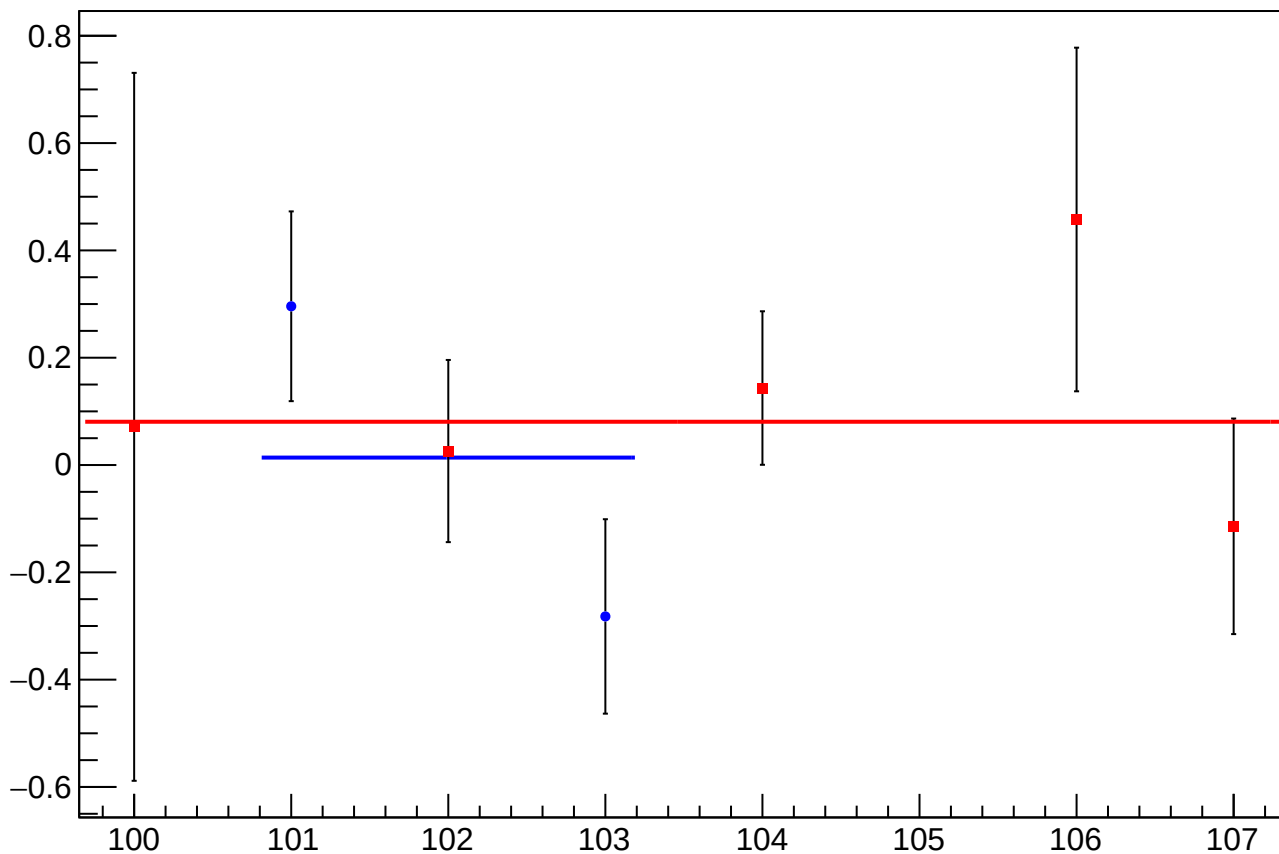
Right: 0.004+/-0.000 χ^2/NDF : 1561861.6/6

In: 0.003+/-0.000 χ^2/NDF : 579565.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 1561861.6/6

asym_sam_26_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.127 χ^2 /NDF: 5.2/1

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

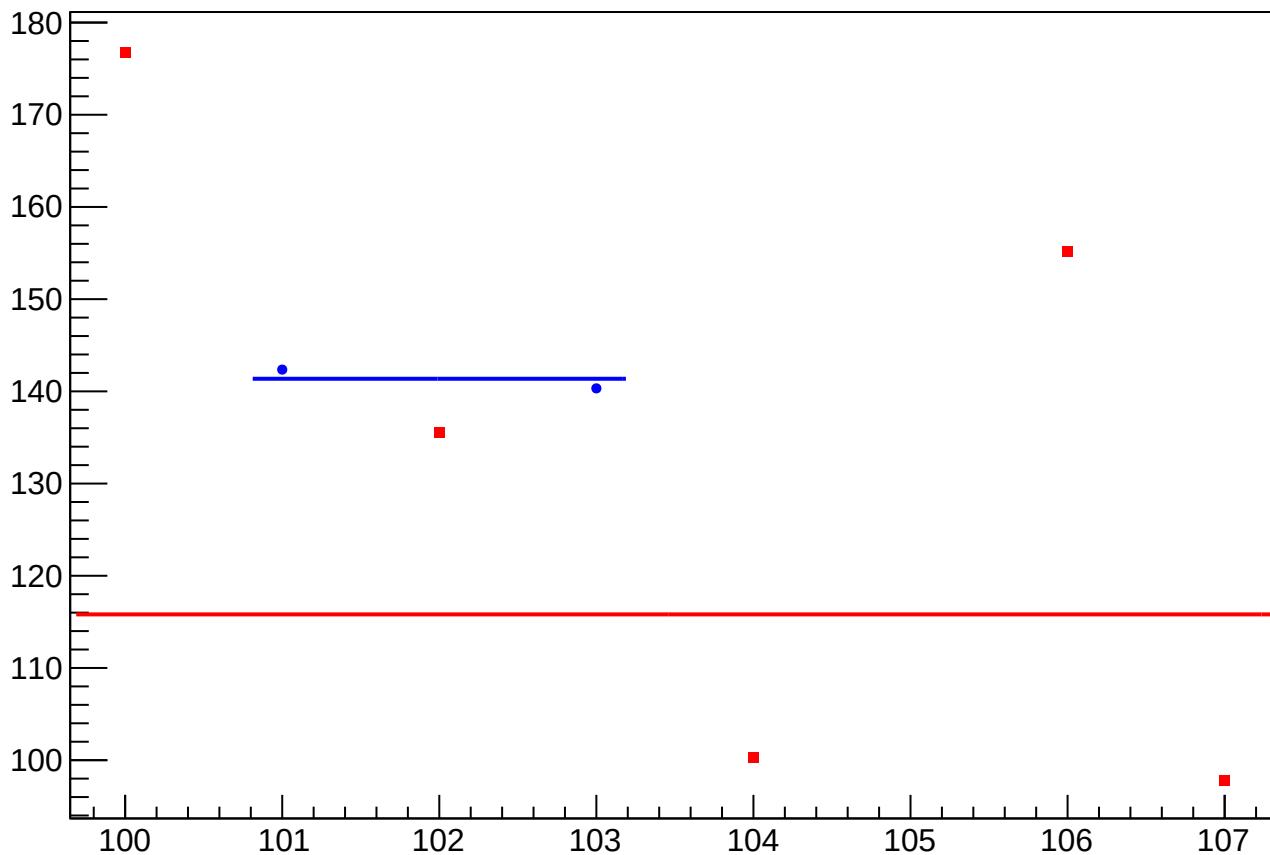
Right: 0.058 $\pm$ 0.074 χ^2 /NDF: 8.0/6

In: 0.014 $\pm$ 0.127 χ^2 /NDF: 5.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.058 $\pm$ 0.074 χ^2 /NDF: 8.0/6

asym_sam_26_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 141.366 ± 0.089 $\chi^2/\text{NDF}: 129.0/1$

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 $\chi^2/\text{NDF}: 0.0/0$

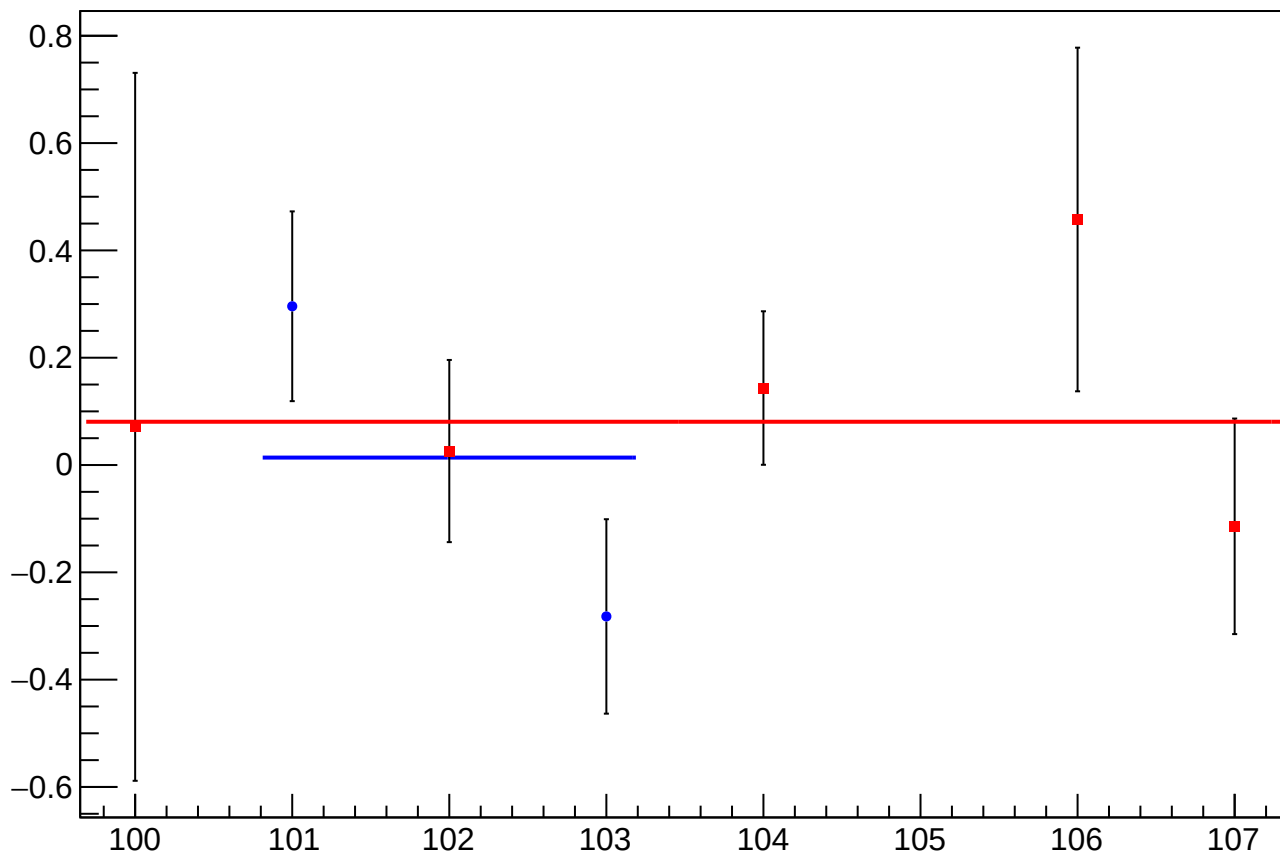
Right: 124.539 ± 0.052 $\chi^2/\text{NDF}: 167861.5/6$

In: 141.366 ± 0.089 $\chi^2/\text{NDF}: 129.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 124.539 ± 0.052 $\chi^2/\text{NDF}: 167861.5/6$

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.127 χ^2 /NDF: 5.2/1

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

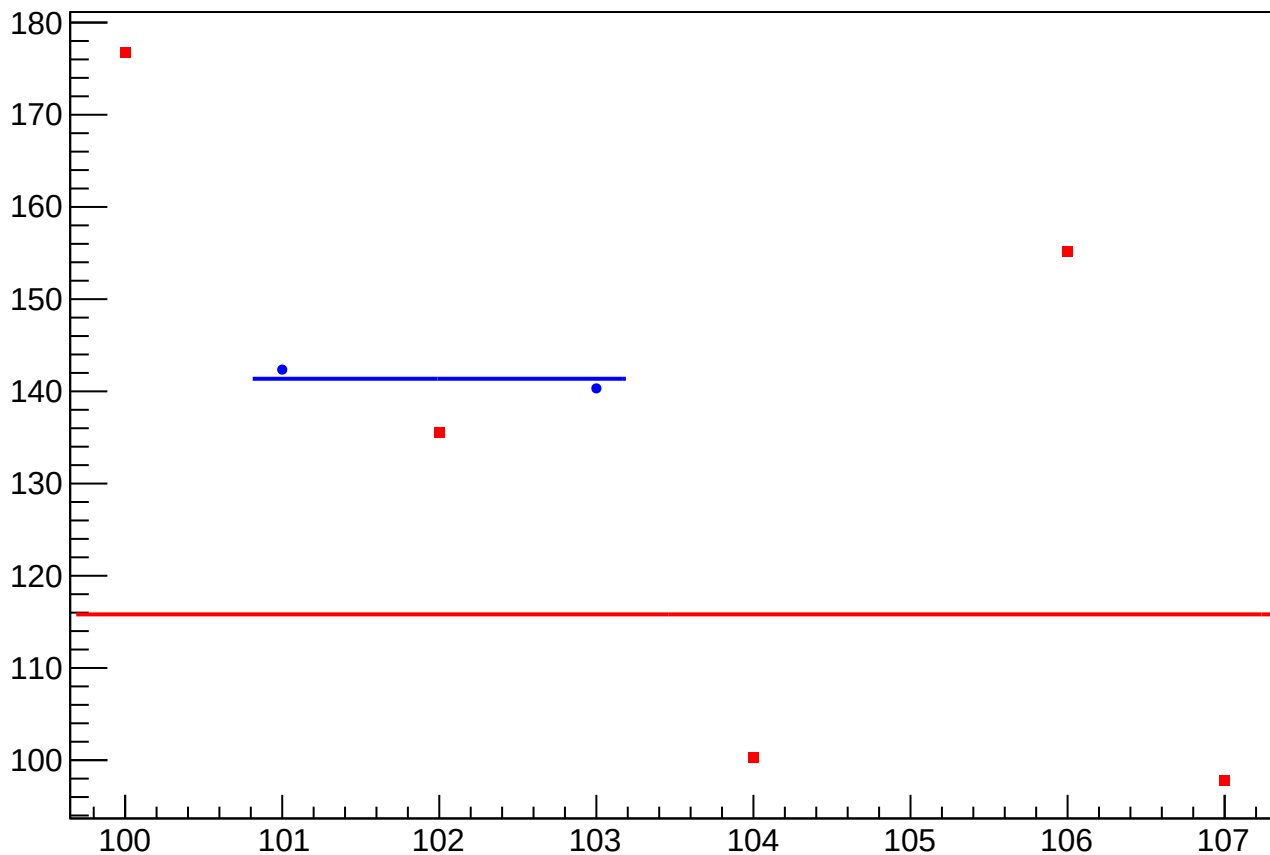
Right: 0.058 $\pm$ 0.074 χ^2 /NDF: 8.0/6

In: 0.014 $\pm$ 0.127 χ^2 /NDF: 5.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.058 $\pm$ 0.074 χ^2 /NDF: 8.0/6

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 141.366 $\pm$ 0.089 χ^2 /NDF: 129.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 115.812 $\pm$ 0.064 χ^2 /NDF: 114030.3/4

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

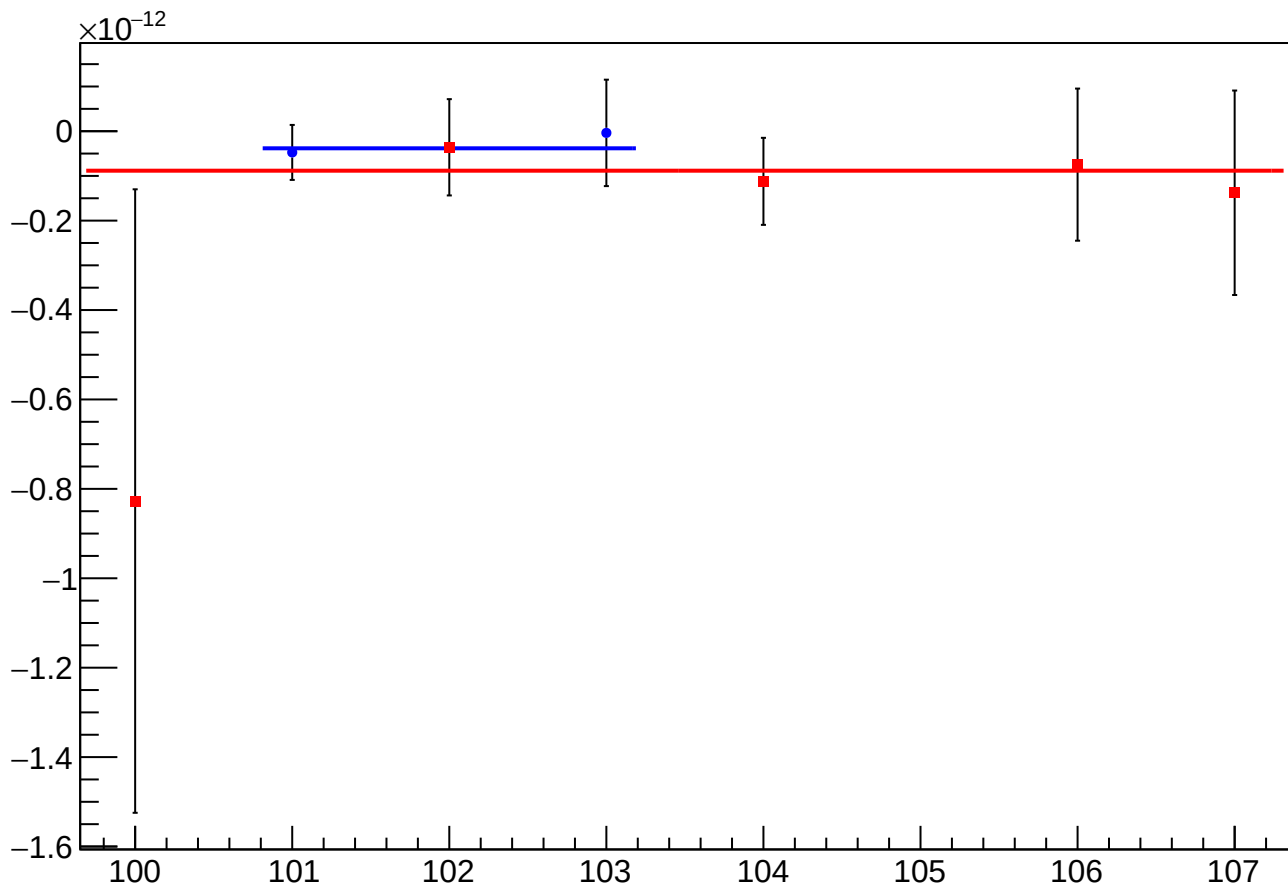
Right: 124.539 $\pm$ 0.052 χ^2 /NDF: 167861.5/6

In: 141.366 $\pm$ 0.089 χ^2 /NDF: 129.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 124.539 $\pm$ 0.052 χ^2 /NDF: 167861.5/6

asym_sam_26_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/1

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

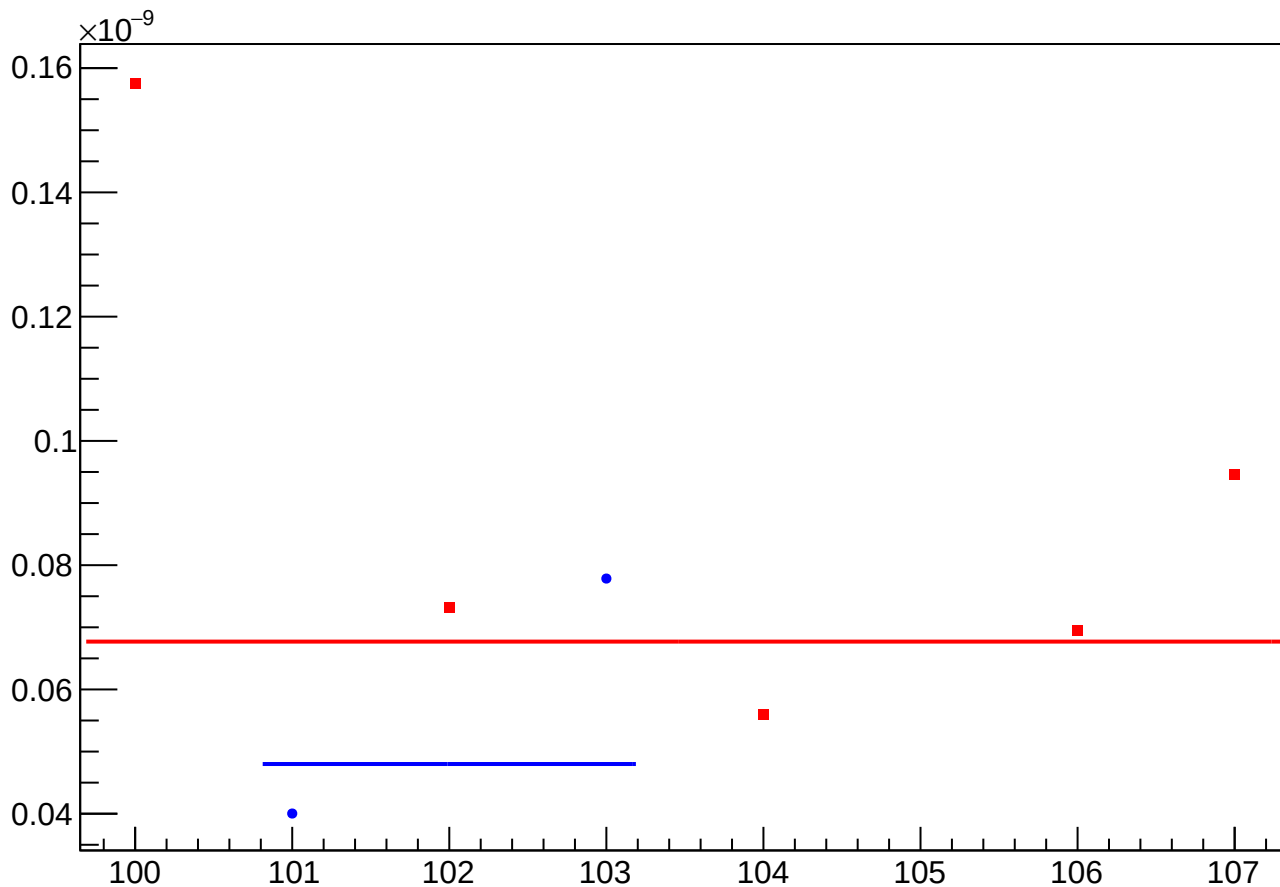
Right: -0.000+/-0.000 χ^2/NDF : 1.9/6

In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1.9/6

asym_sam_26_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 159345.2/1

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

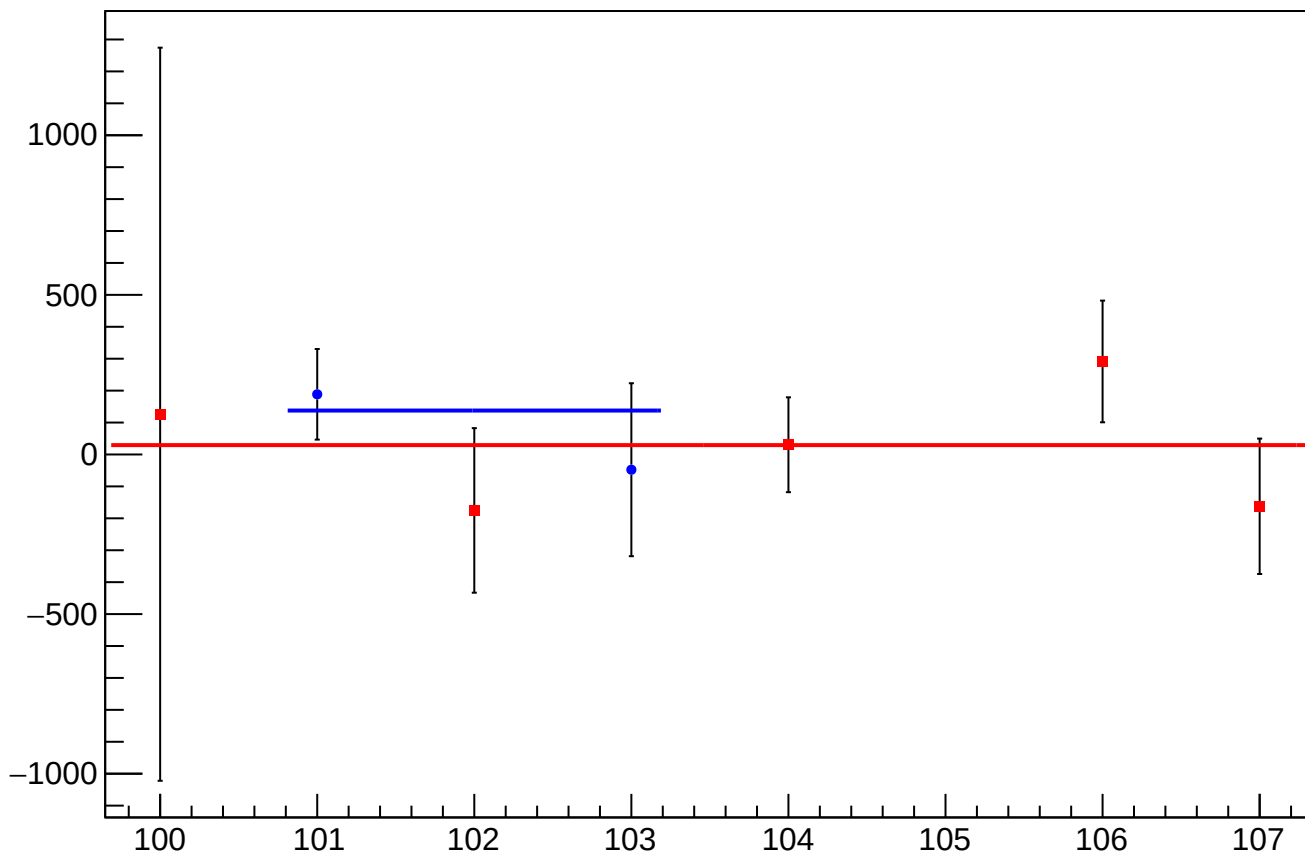
Right: 0.000+/-0.000 χ^2/NDF : 365209.8/6

In: 0.000+/-0.000 χ^2/NDF : 159345.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 365209.8/6

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 137.605 $\pm$ 125.732 χ^2 /NDF: 0.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 29.312 $\pm$ 94.974 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

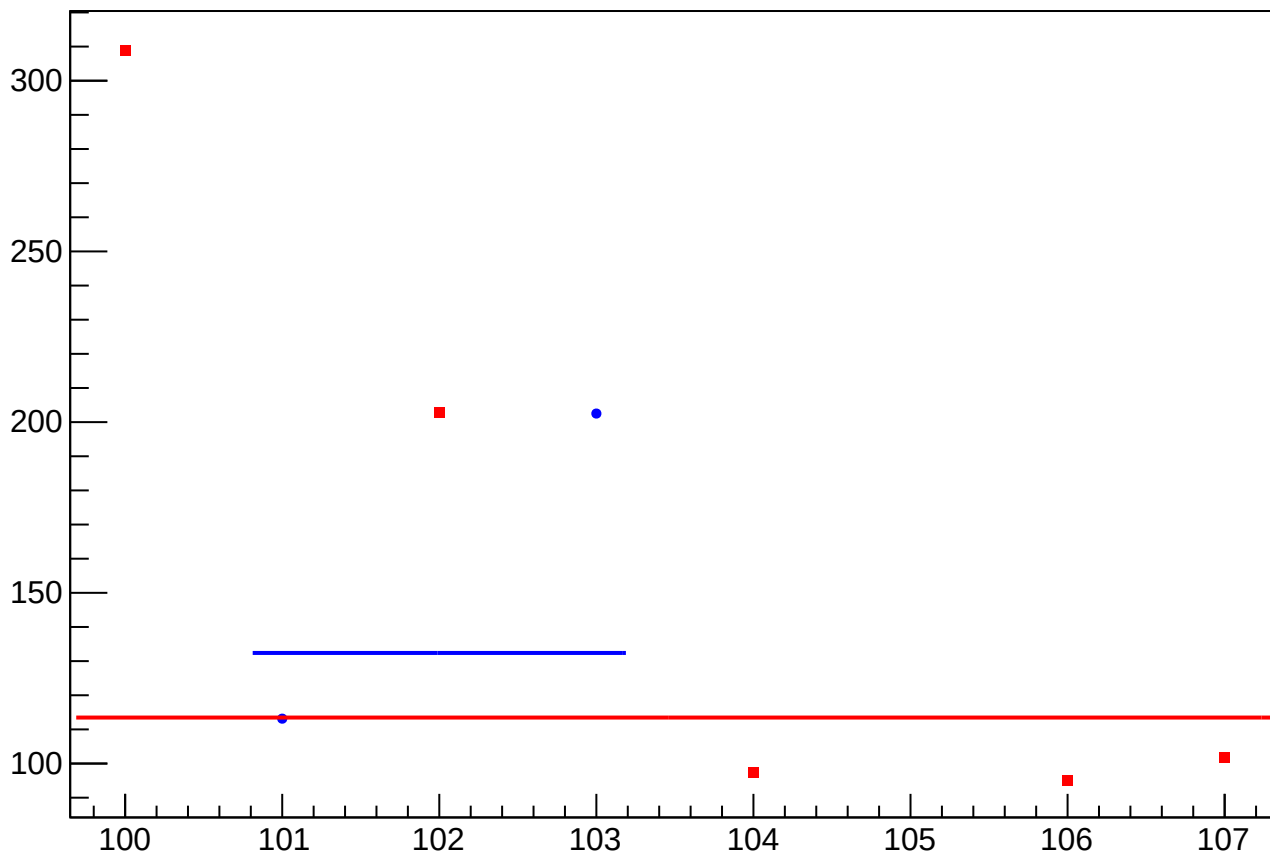
Right: 68.654 $\pm$ 75.783 χ^2 /NDF: 4.4/6

In: 137.605 $\pm$ 125.732 χ^2 /NDF: 0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 68.654 $\pm$ 75.783 χ^2 /NDF: 4.4/6

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 132.394+/-0.089 χ^2/NDF : 170752.8/1

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

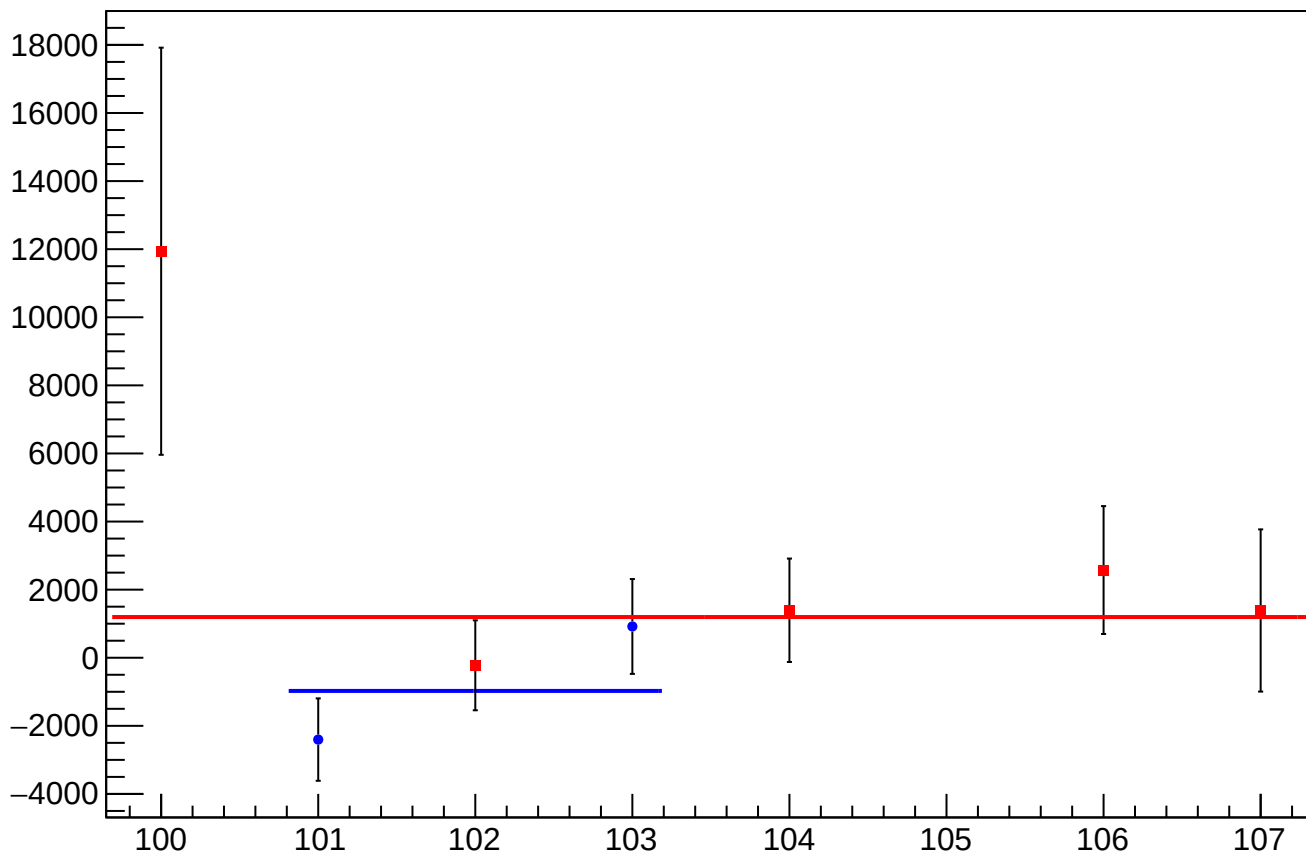
Right: 120.345+/-0.054 χ^2/NDF : 545731.7/6

In: 132.394+/-0.089 χ^2/NDF : 170752.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.345+/-0.054 χ^2/NDF : 545731.7/6

asym_sam_37_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -974.456+/-913.560 χ^2/NDF : 3.2/1

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

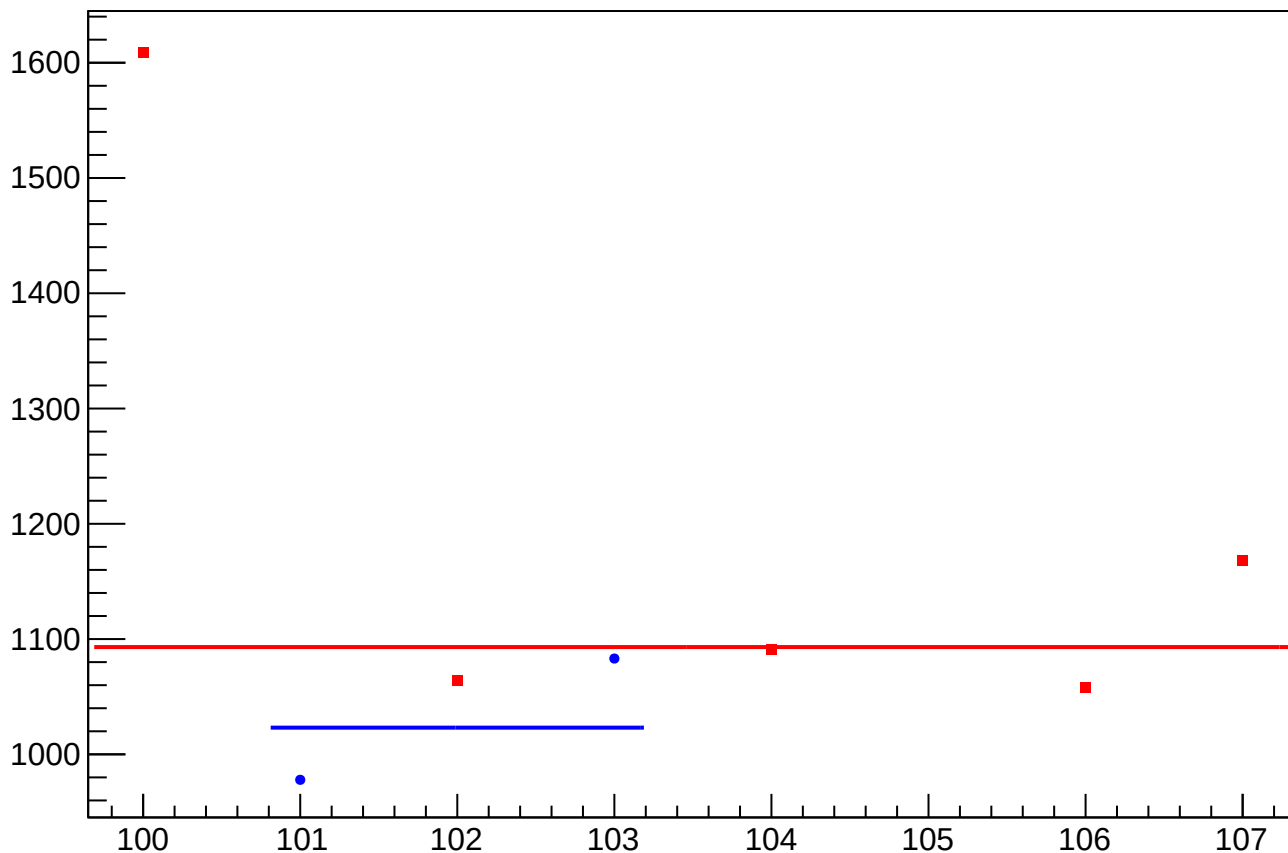
Right: 229.834+/-609.458 χ^2/NDF : 11.3/6

In: -974.456+/-913.560 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 229.834+/-609.458 χ^2/NDF : 11.3/6

asym_sam_37_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1023.158+/-0.646 χ^2/NDF : 6501.1/1

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

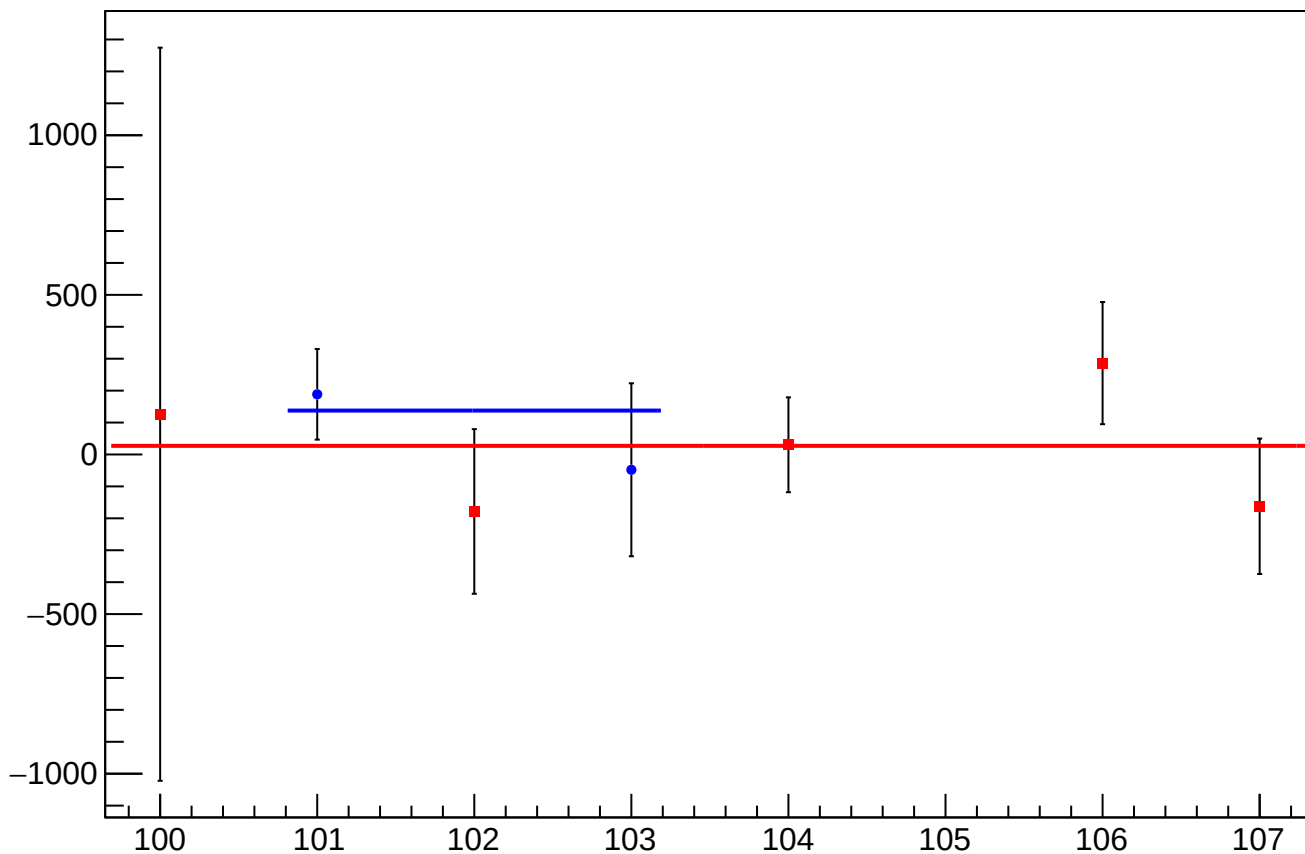
Right: 1061.953+/-0.431 χ^2/NDF : 31560.9/6

In: 1023.158+/-0.646 χ^2/NDF : 6501.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1061.953+/-0.431 χ^2/NDF : 31560.9/6

cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 137.564 $\pm$ 125.732 χ^2 /NDF: 0.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.061 $\pm$ 95.081 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

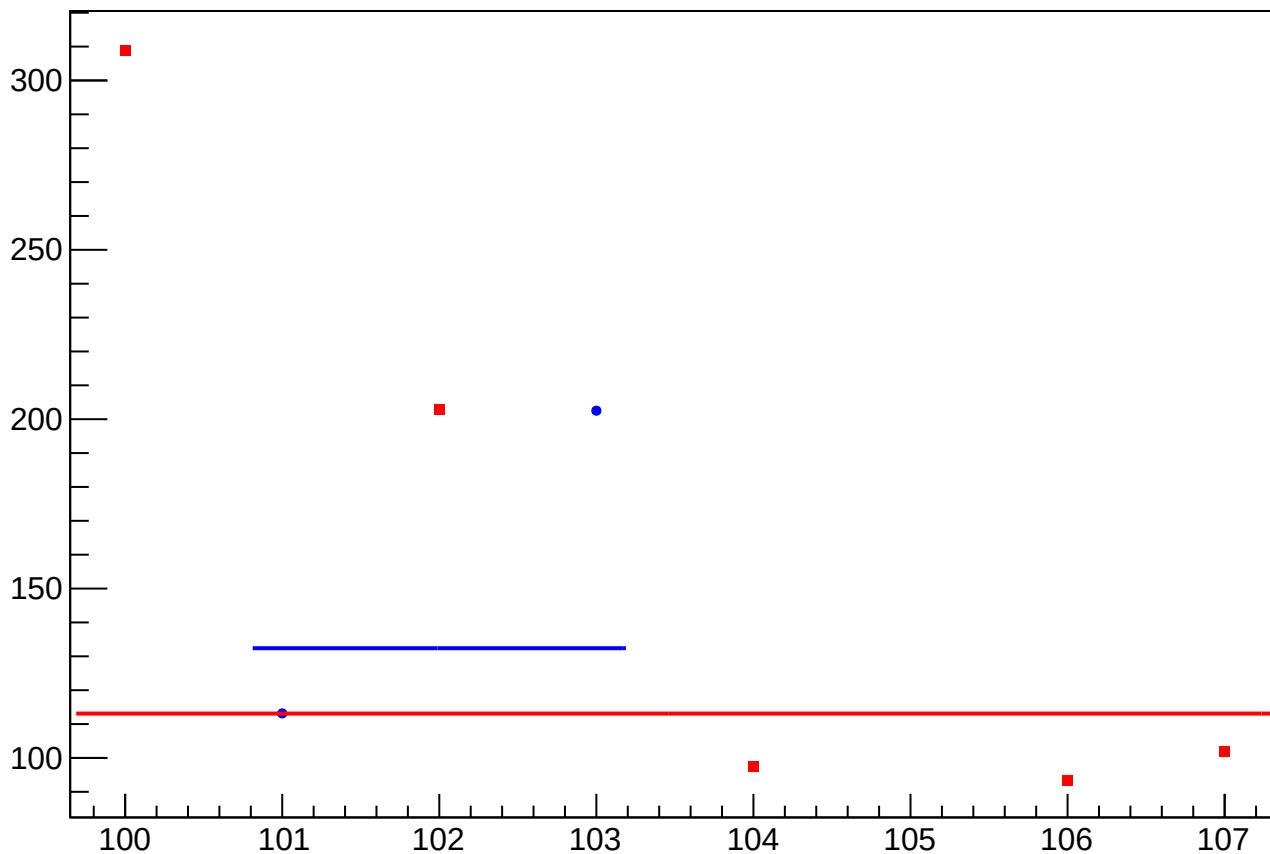
Right: 67.264 $\pm$ 75.838 χ^2 /NDF: 4.4/6

In: 137.564 $\pm$ 125.732 χ^2 /NDF: 0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 67.264 $\pm$ 75.838 χ^2 /NDF: 4.4/6

cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 132.394 $\pm$ 0.089 χ^2 /NDF: 170755.1/1

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

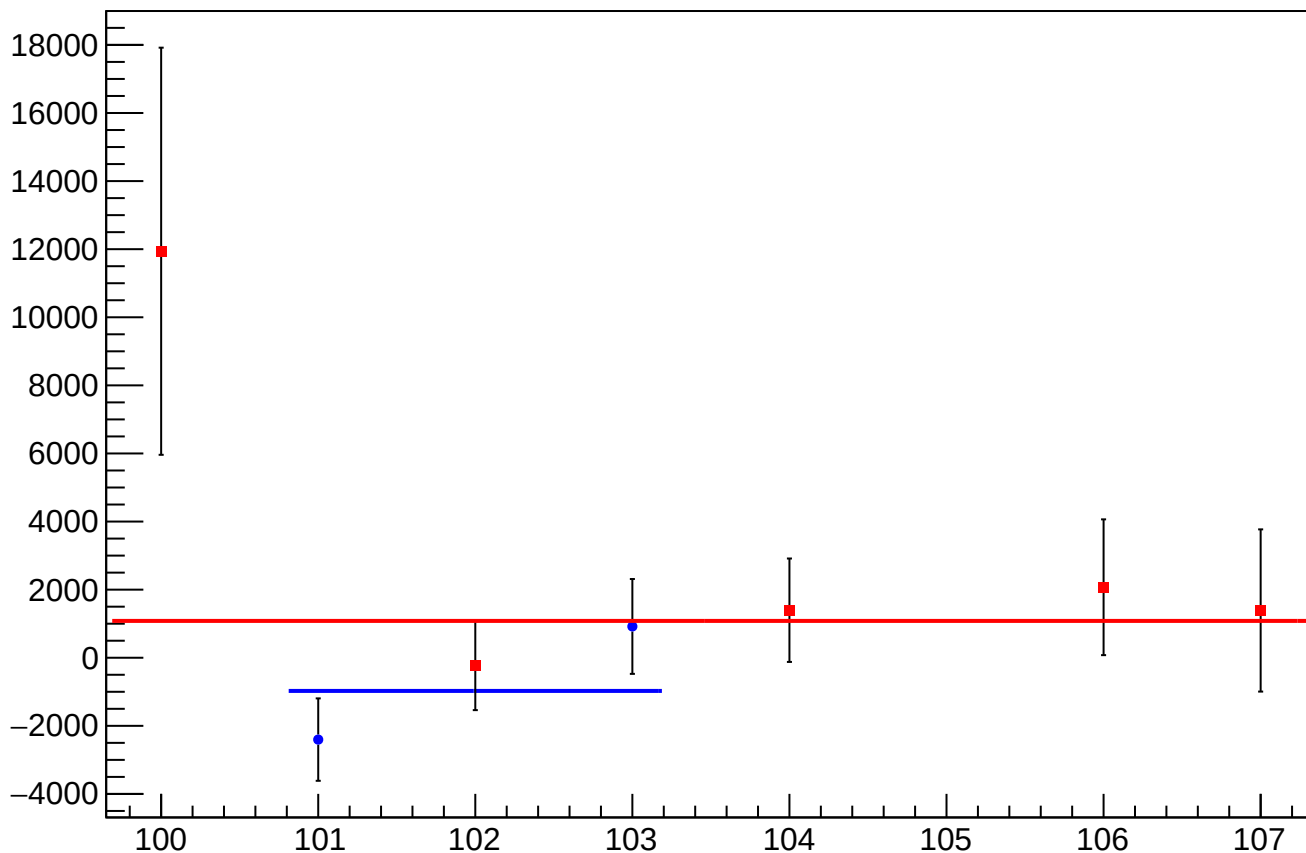
Right: 120.114 $\pm$ 0.054 χ^2 /NDF: 550477.2/6

In: 132.394 $\pm$ 0.089 χ^2 /NDF:170755.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 120.114 $\pm$ 0.054 χ^2 /NDF: 550477.2/6

asym_sam_37_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -974.436+/-913.601 χ^2/NDF : 3.2/1

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

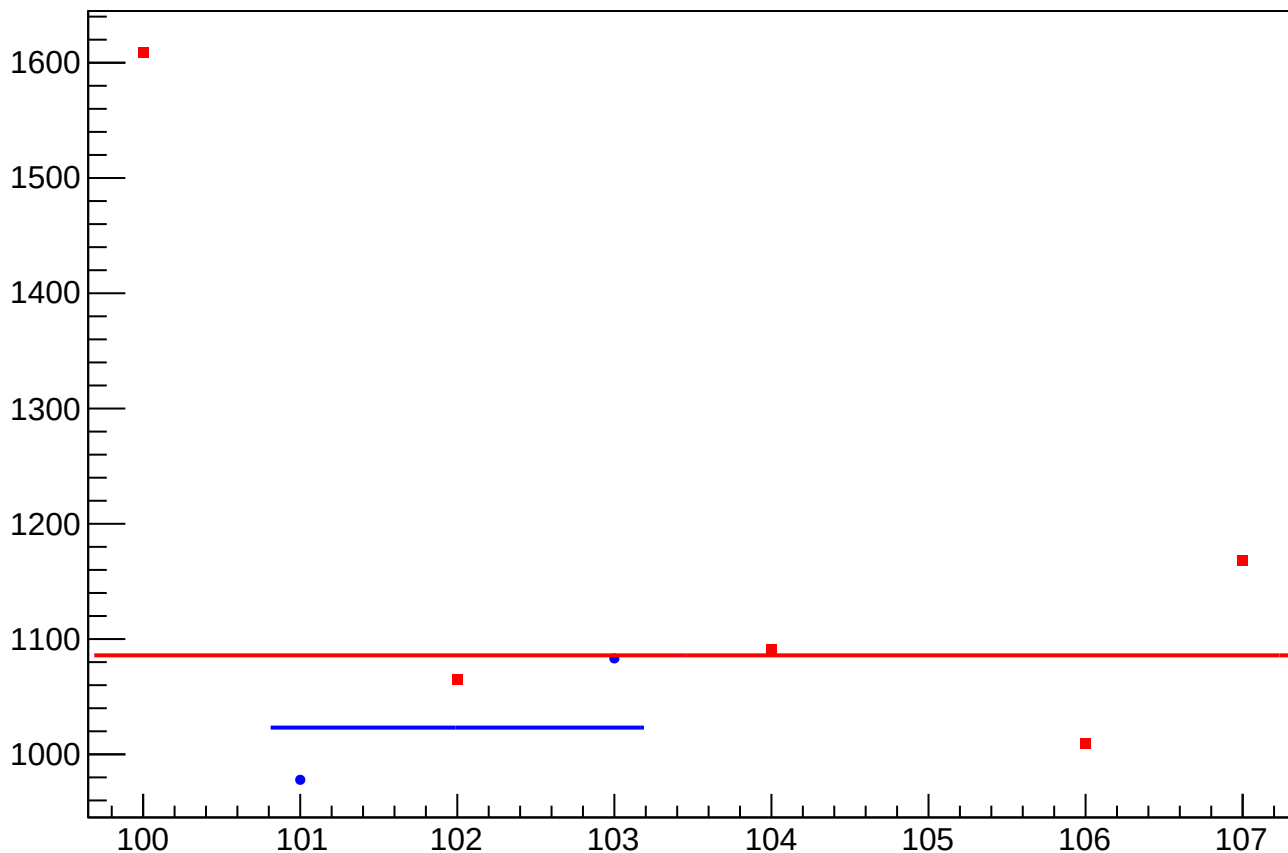
Right: 155.452+/-613.238 χ^2/NDF : 10.6/6

In: -974.436+/-913.601 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.452+/-613.238 χ^2/NDF : 10.6/6

asym_sam_37_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1023.201+/-0.646 χ^2/NDF : 6513.7/1

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

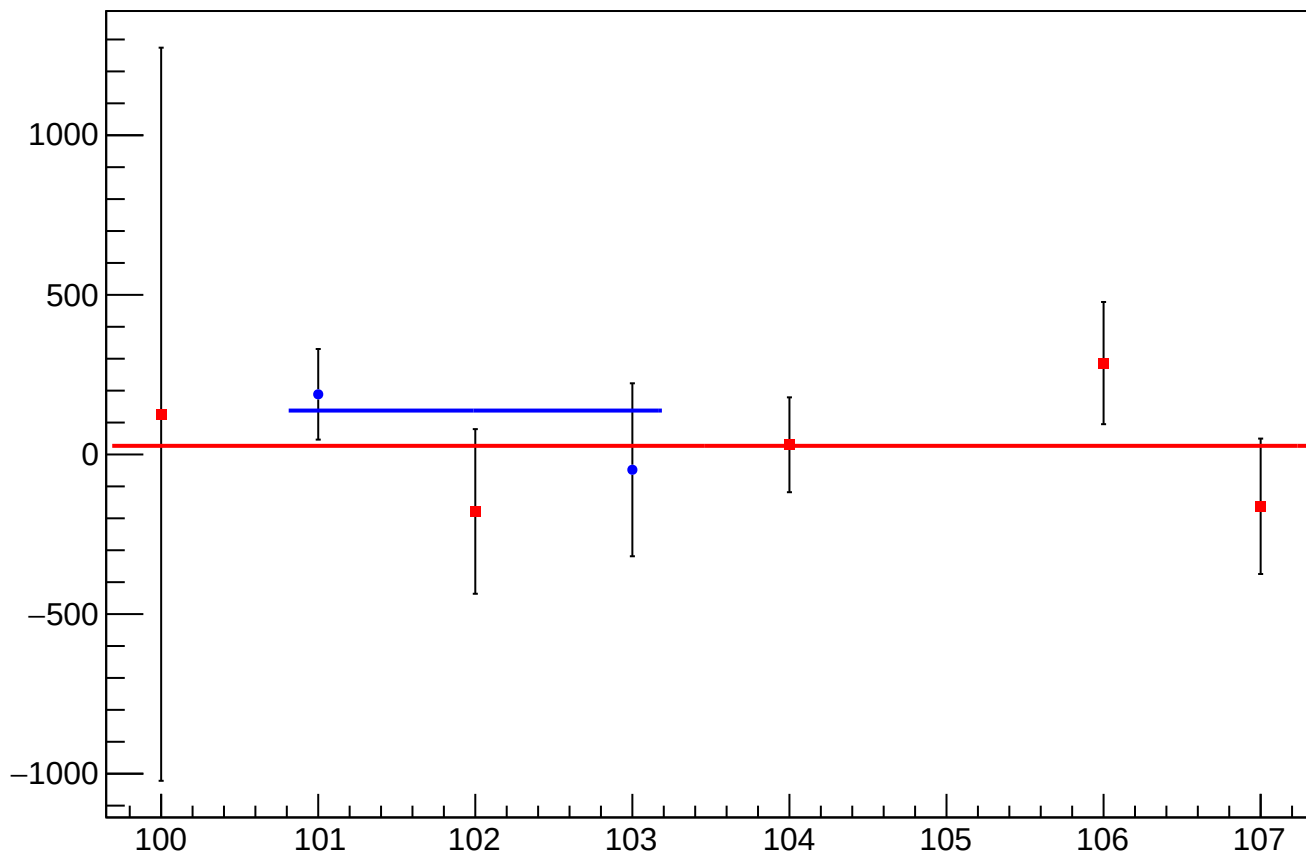
Right: 1057.640+/-0.434 χ^2/NDF : 32862.6/6

In: 1023.201+/-0.646 χ^2/NDF : 6513.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1057.640+/-0.434 χ^2/NDF : 32862.6/6

eigen_cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 137.564 $\pm$ 125.732 χ^2 /NDF: 0.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.061 $\pm$ 95.081 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

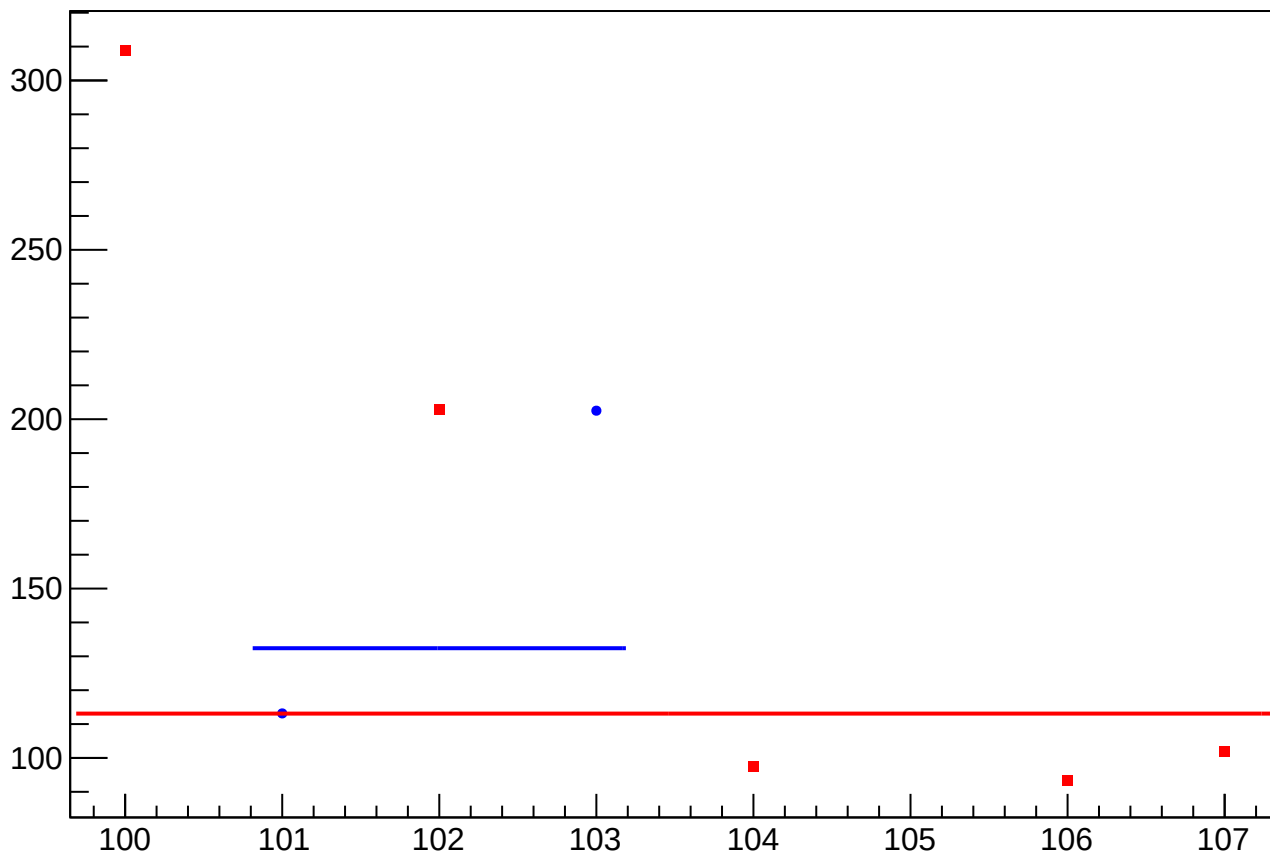
Right: 67.264 $\pm$ 75.838 χ^2 /NDF: 4.4/6

In: 137.564 $\pm$ 125.732 χ^2 /NDF: 0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 67.264 $\pm$ 75.838 χ^2 /NDF: 4.4/6

eigen_cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 132.394+/-0.089 χ^2/NDF : 170755.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.092+/-0.067 χ^2/NDF : 349737.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

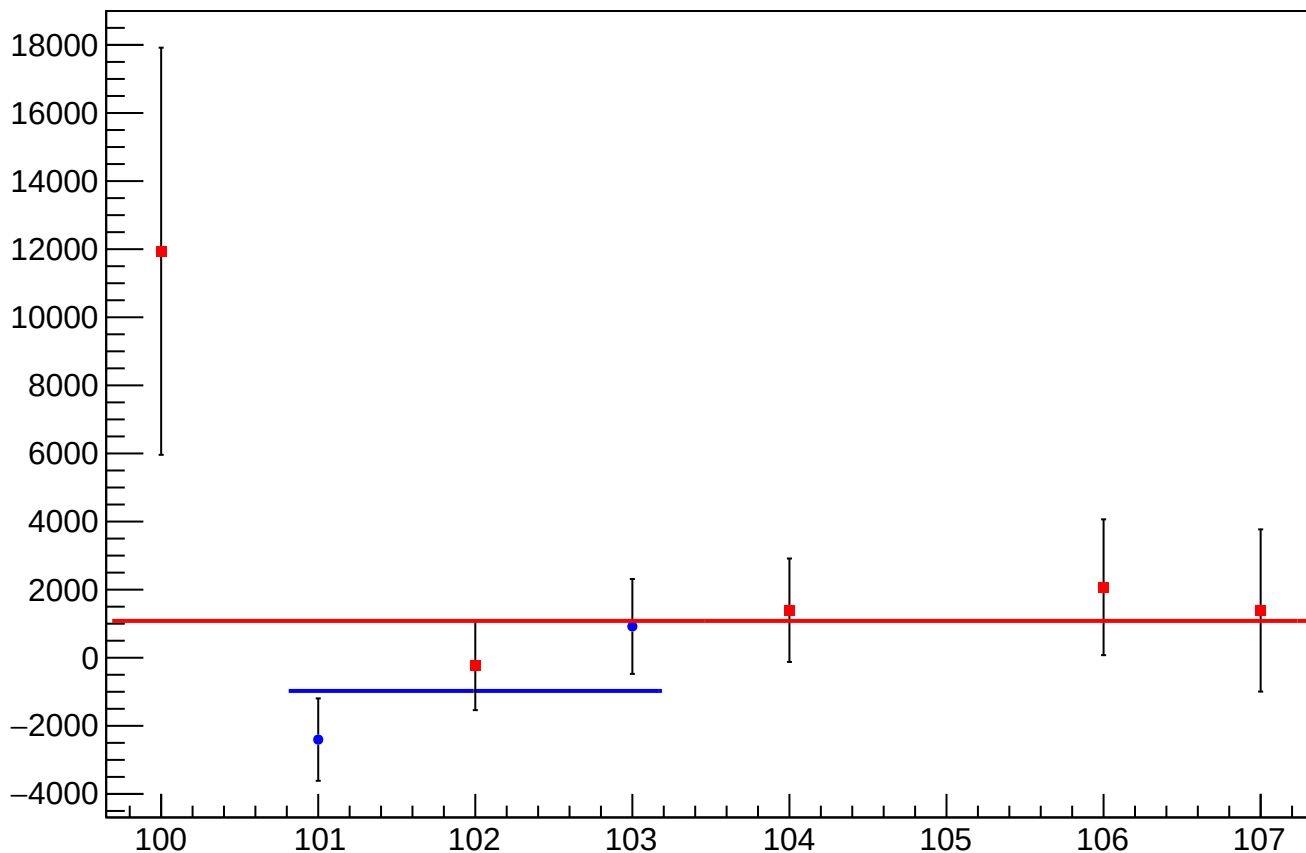
Right: 120.114+/-0.054 χ^2/NDF : 550477.2/6

In: 132.394+/-0.089 χ^2/NDF : 170755.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.114+/-0.054 χ^2/NDF : 550477.2/6

asym_sam_37_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -974.436+/-913.601 χ^2/NDF : 3.2/1

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

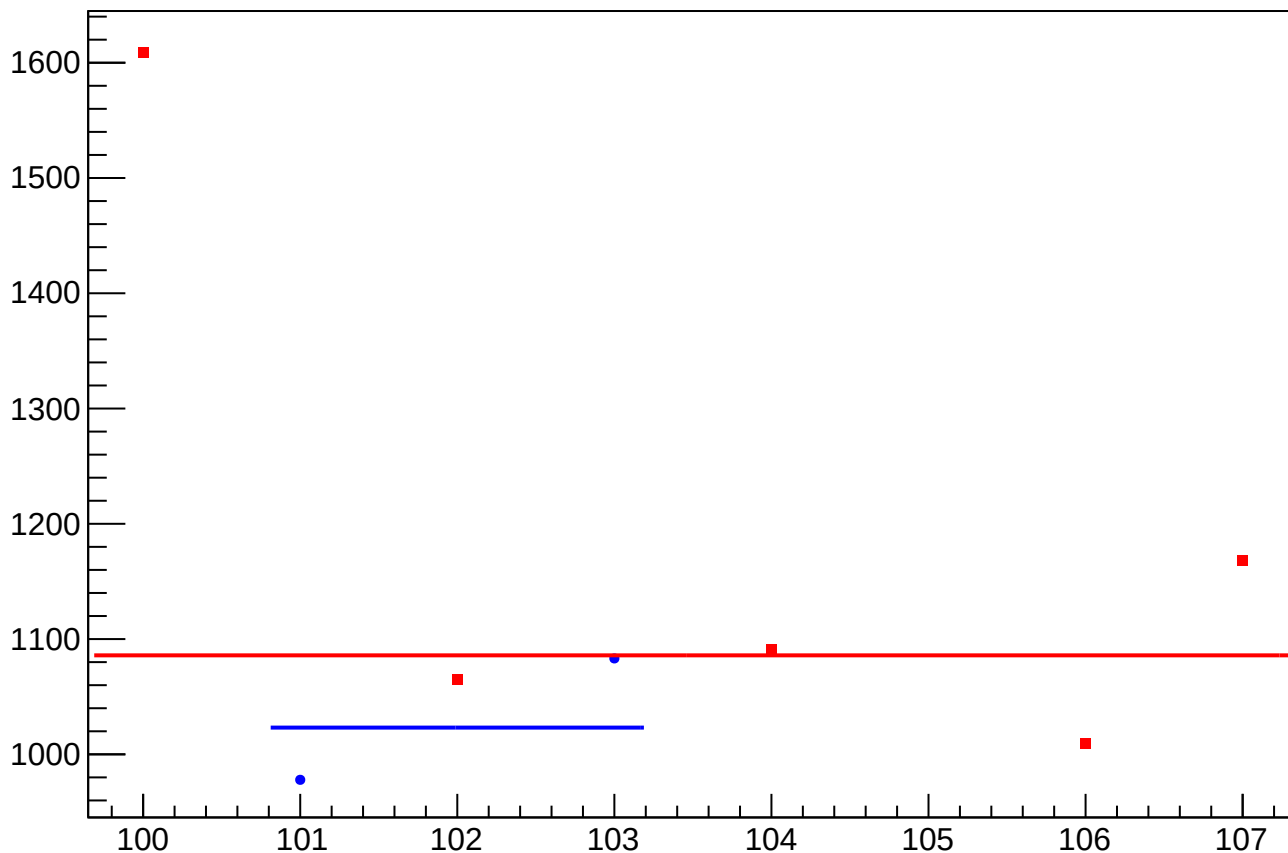
Right: 155.452+/-613.238 χ^2/NDF : 10.6/6

In: -974.436+/-913.601 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.452+/-613.238 χ^2/NDF : 10.6/6

asym_sam_37_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1023.201 $\pm$ 0.646 χ^2 /NDF: 6513.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1085.880 $\pm$ 0.585 χ^2 /NDF: 21176.5/4

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

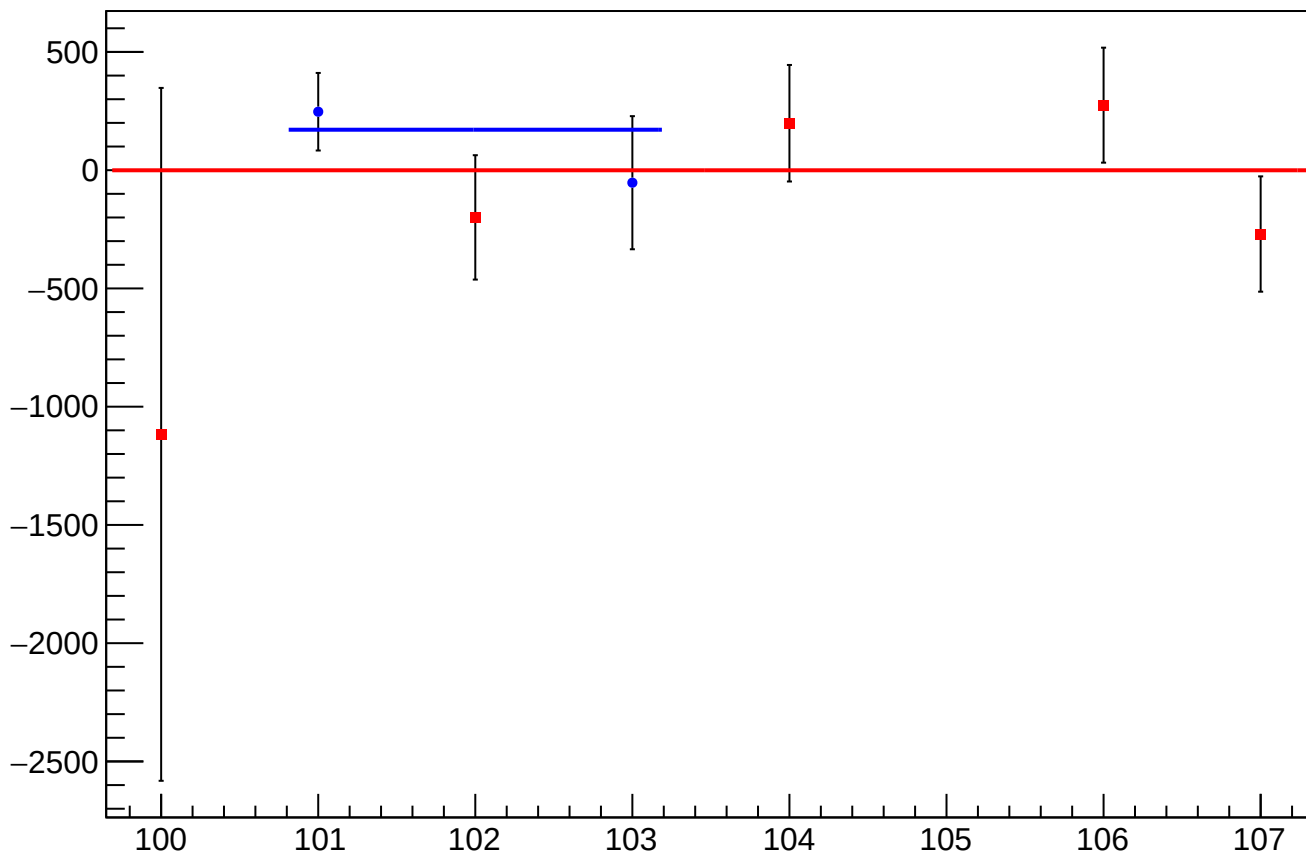
Right: 1057.640 $\pm$ 0.434 χ^2 /NDF: 32862.6/6

In: 1023.201 $\pm$ 0.646 χ^2 /NDF:6513.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1057.640 $\pm$ 0.434 χ^2 /NDF: 32862.6/6

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 171.079+/-141.688 χ^2/NDF : 0.8/1

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

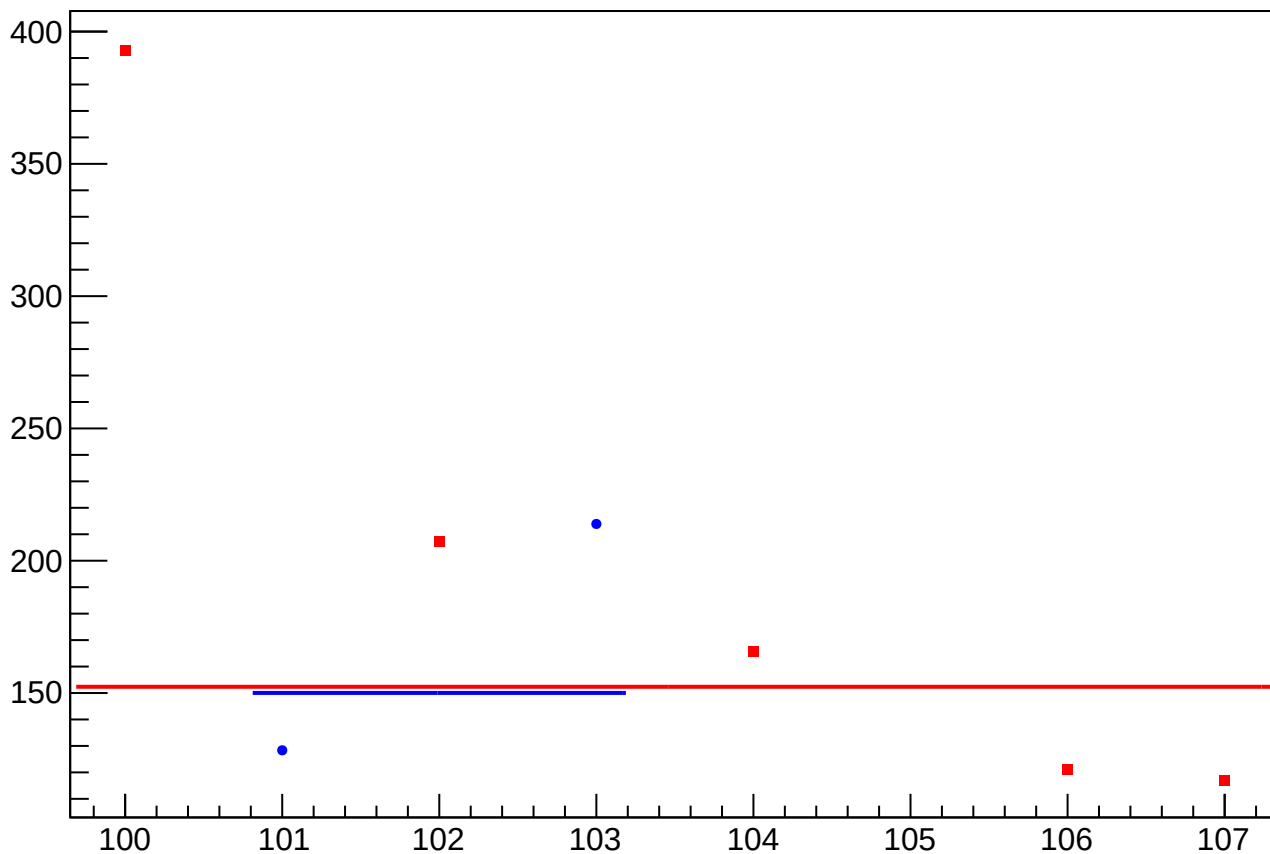
Right: 73.889+/-93.269 χ^2/NDF : 6.0/6

In: 171.079+/-141.688 χ^2/NDF : 0.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.889+/-93.269 χ^2/NDF : 6.0/6

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 150.036 $\pm$ 0.100 χ^2 /NDF: 137993.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 152.361 $\pm$ 0.088 χ^2 /NDF: 221302.3/4

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

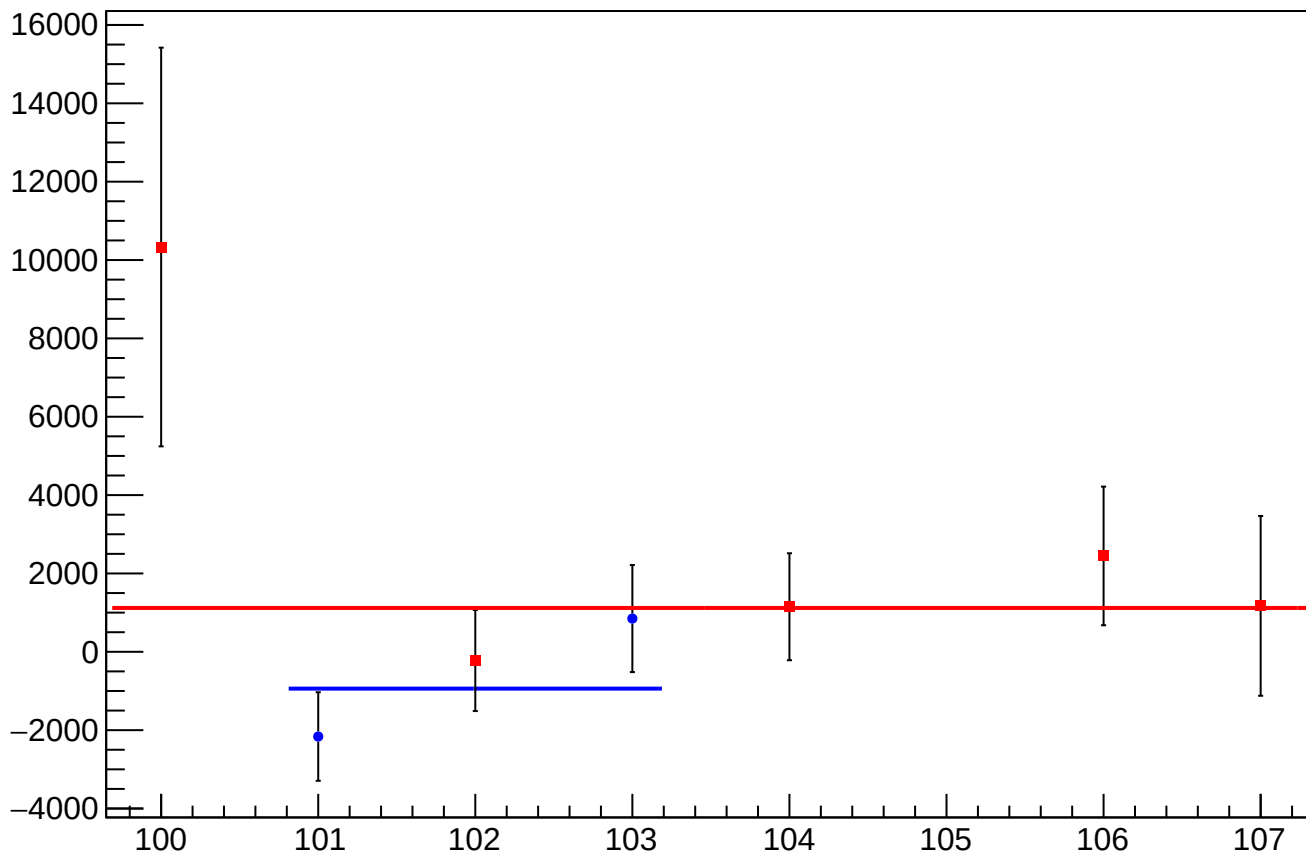
Right: 151.353 $\pm$ 0.066 χ^2 /NDF: 359600.5/6

In: 150.036 $\pm$ 0.100 χ^2 /NDF:137993.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 151.353 $\pm$ 0.066 χ^2 /NDF: 359600.5/6

asym_sam_37_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -939.397+/-870.850 χ^2 /NDF: 2.9/1

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

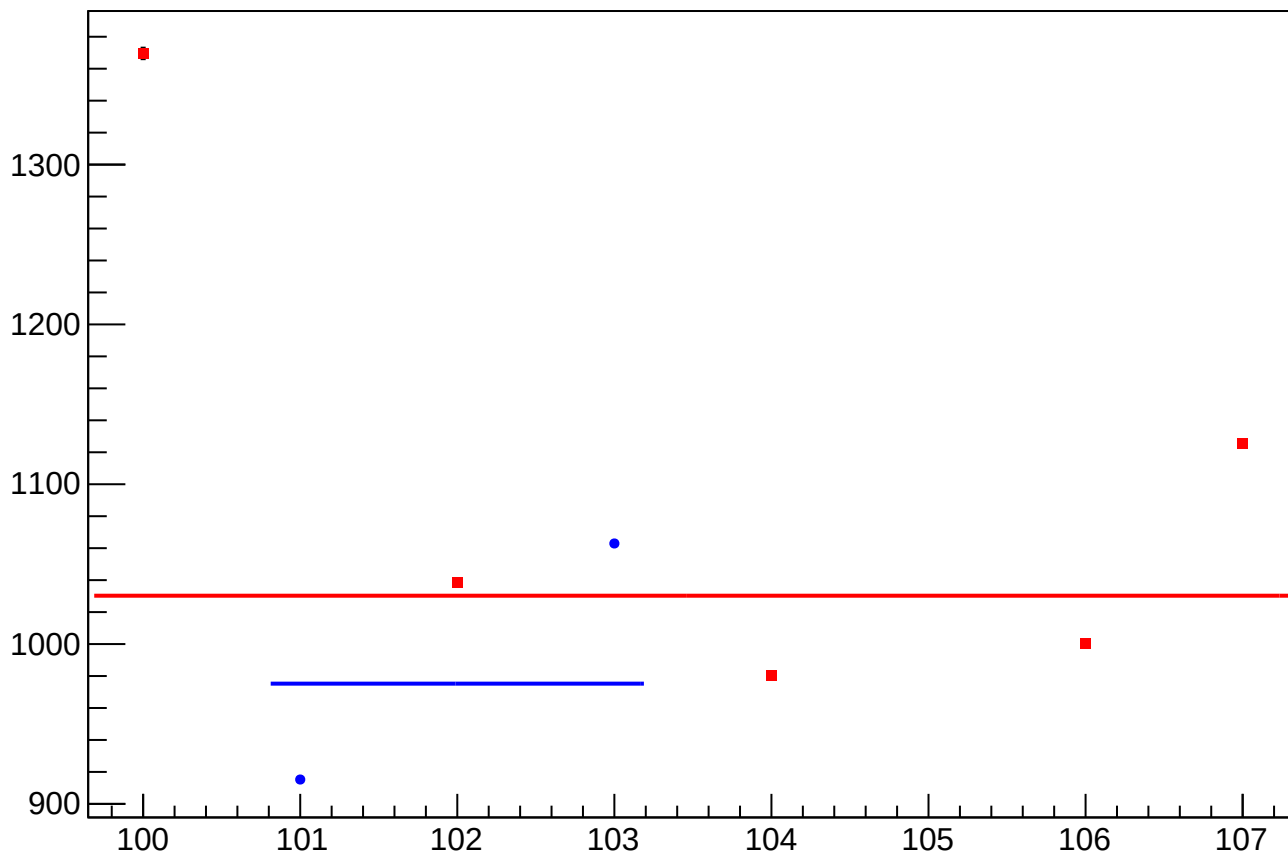
Right: 215.771+/-576.914 χ^2 /NDF: 10.9/6

In: -939.397+/-870.850 χ^2 /NDF: 2.9/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 215.771+/-576.914 χ^2 /NDF: 10.9/6

asym_sam_37_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 975.235 $\pm$ 0.616 χ^2 /NDF: 13875.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1030.254 $\pm$ 0.545 χ^2 /NDF: 15659.4/4

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

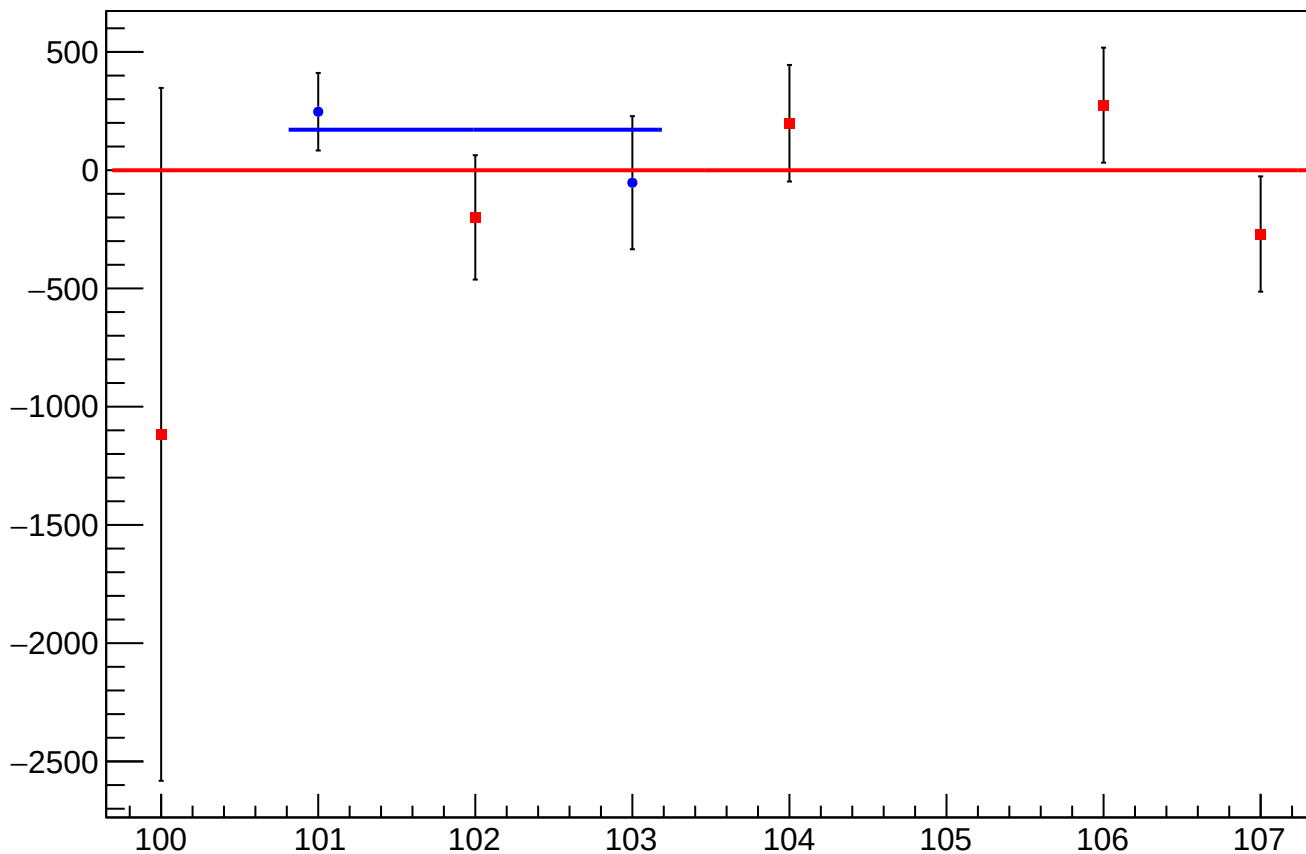
Right: 1006.108 $\pm$ 0.408 χ^2 /NDF: 34014.2/6

In: 975.235 $\pm$ 0.616 χ^2 /NDF:13875.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1006.108 $\pm$ 0.408 χ^2 /NDF: 34014.2/6

eigen_dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 171.084 $\pm$ 141.689 χ^2 /NDF: 0.8/1

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

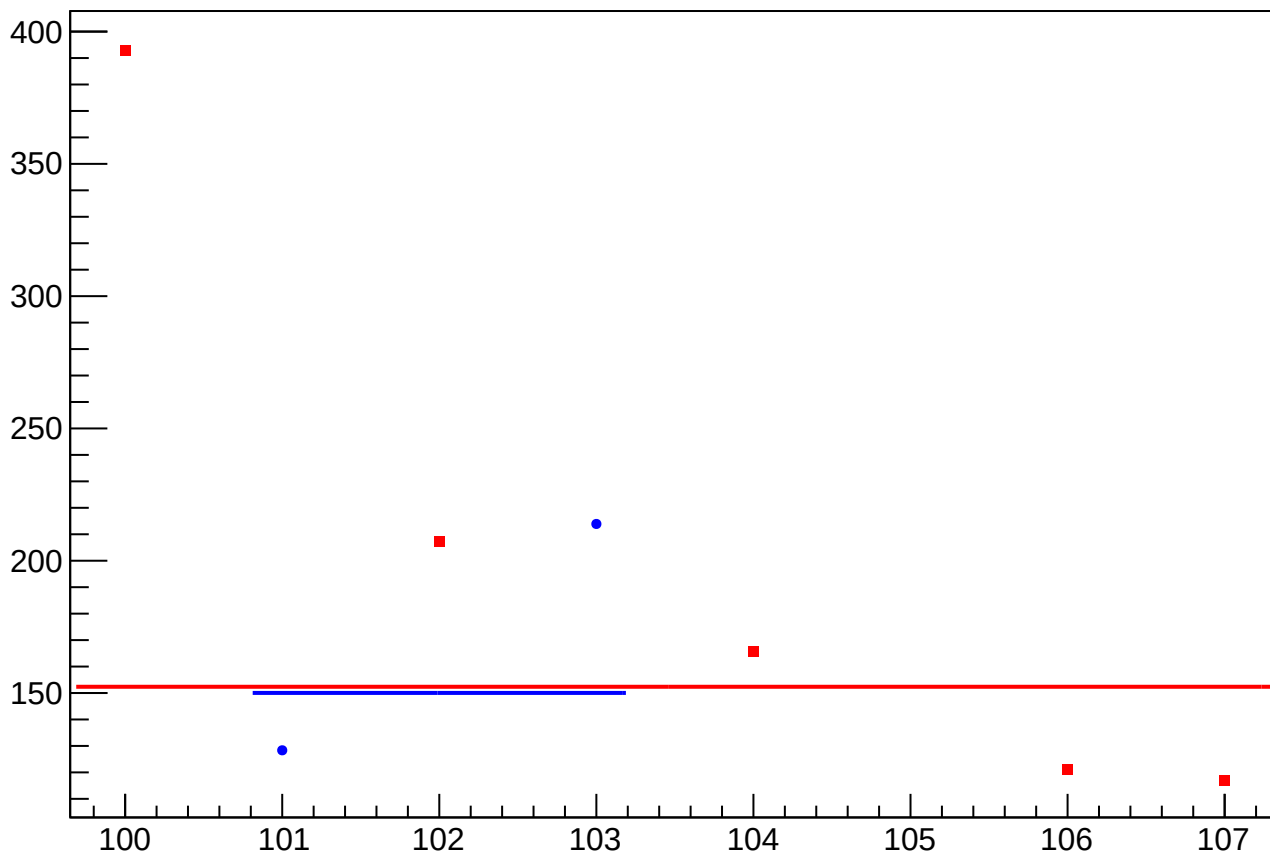
Right: 73.889 $\pm$ 93.269 χ^2 /NDF: 6.0/6

In: 171.084 $\pm$ 141.689 χ^2 /NDF:0.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 73.889 $\pm$ 93.269 χ^2 /NDF: 6.0/6

eigen_dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 150.037+/-0.100 χ^2/NDF : 137986.4/1

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

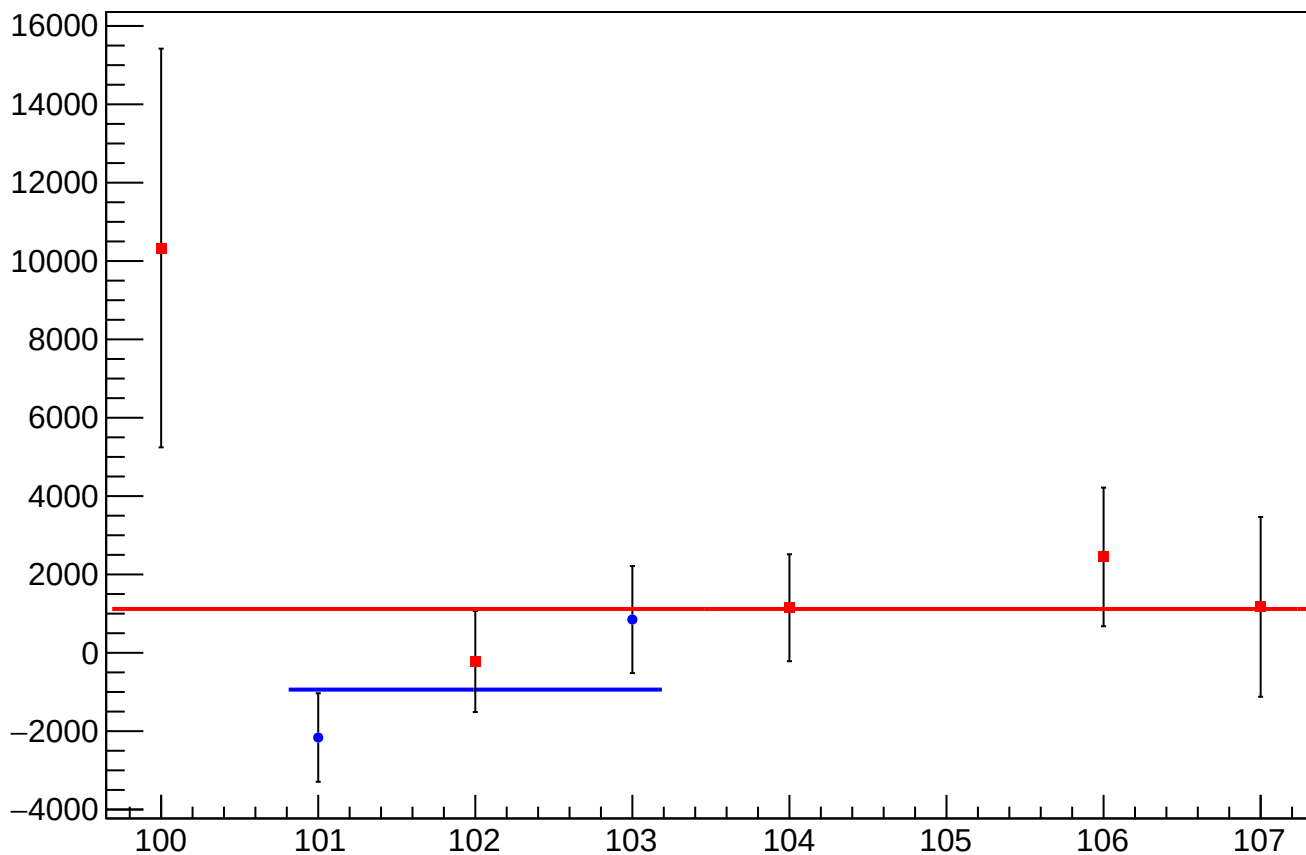
Right: 151.354+/-0.066 χ^2/NDF : 359594.3/6

In: 150.037+/-0.100 χ^2/NDF : 137986.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.354+/-0.066 χ^2/NDF : 359594.3/6

asym_sam_37_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -939.394+/-870.846 χ^2/NDF : 2.9/1

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

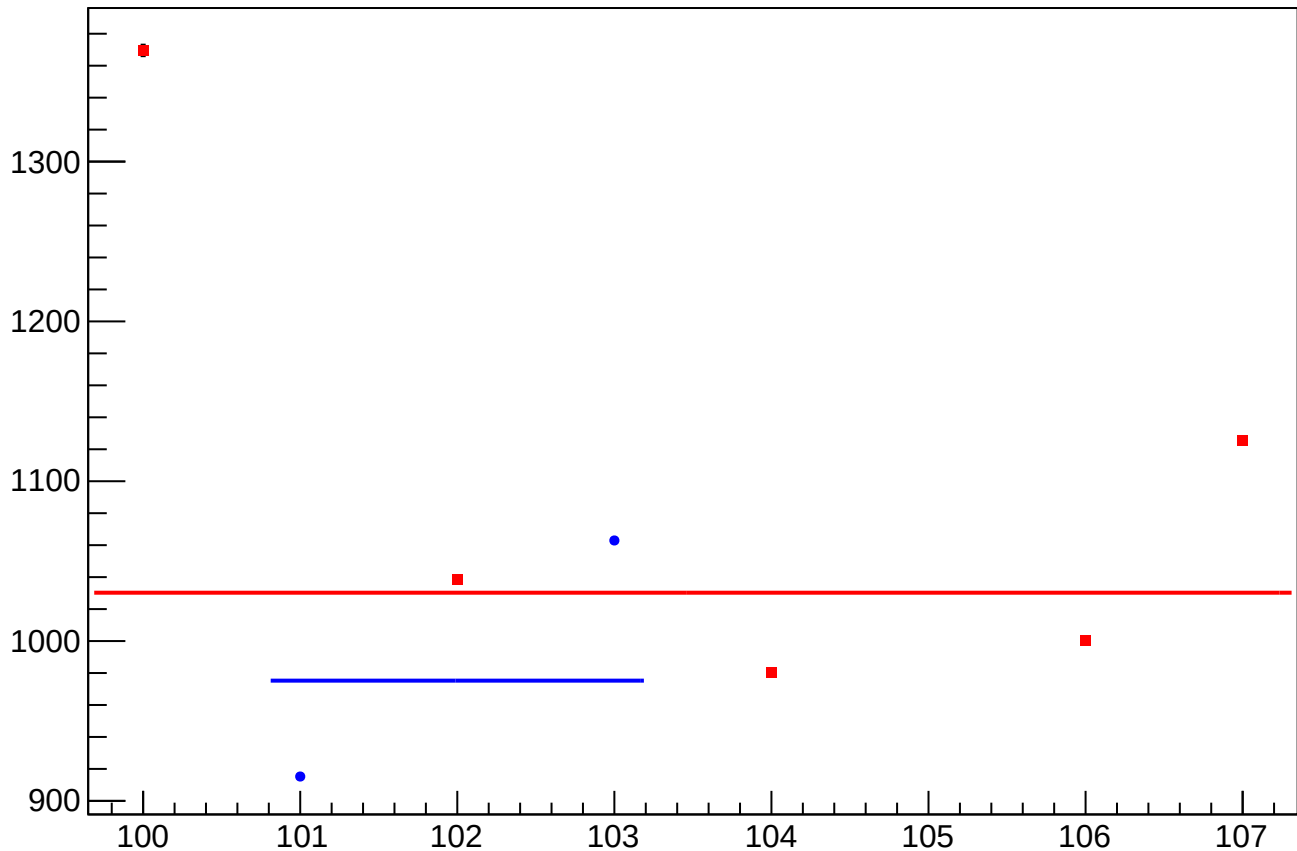
Right: 215.769+/-576.912 χ^2/NDF : 10.9/6

In: -939.394+/-870.846 χ^2/NDF : 2.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 215.769+/-576.912 χ^2/NDF : 10.9/6

asym_sam_37_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 975.231+/-0.616 χ^2/NDF : 13875.3/1

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

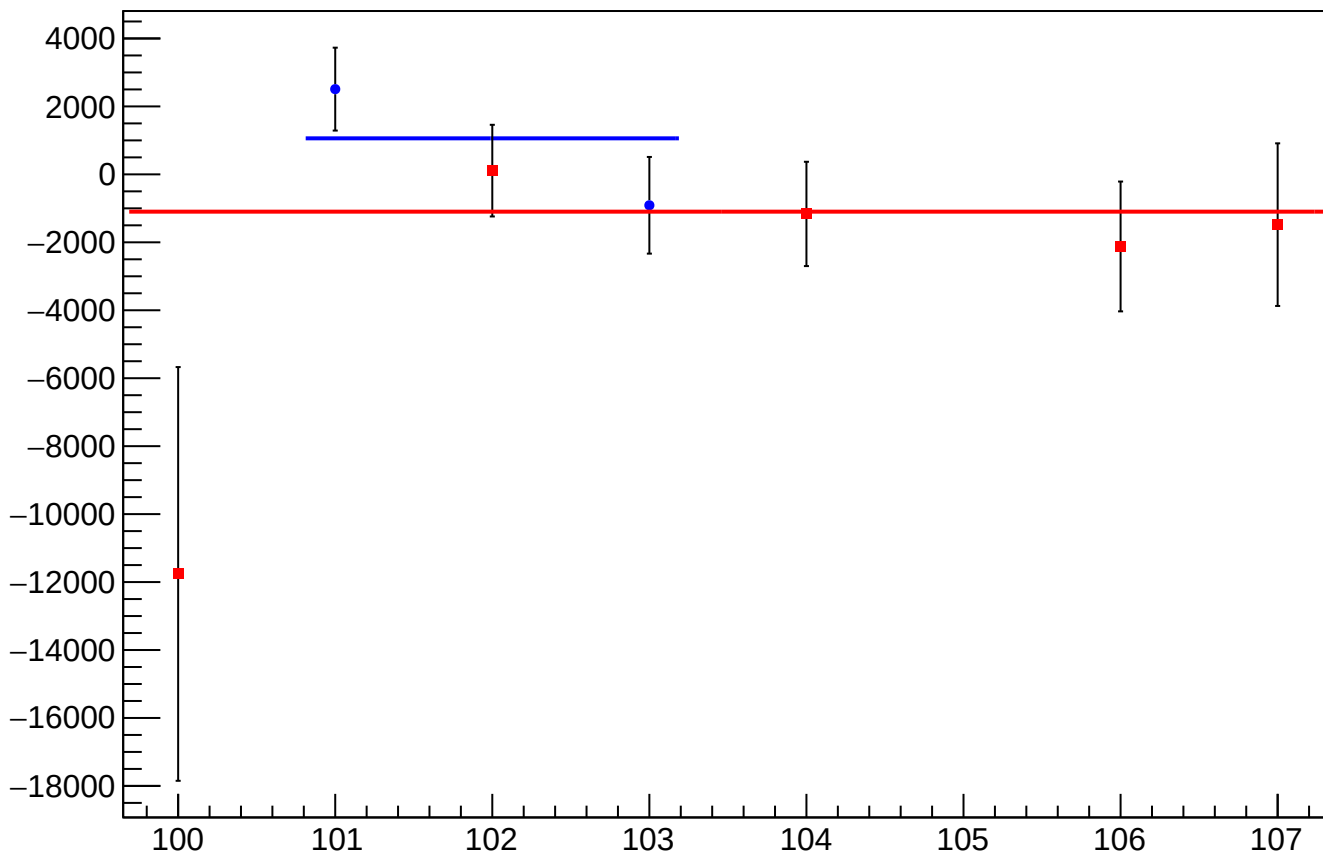
Right: 1006.104+/-0.408 χ^2/NDF : 34014.6/6

In: 975.231+/-0.616 χ^2/NDF : 13875.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1006.104+/-0.408 χ^2/NDF : 34014.6/6

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 1060.361+/-926.123 χ^2/NDF : 3.3/1

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

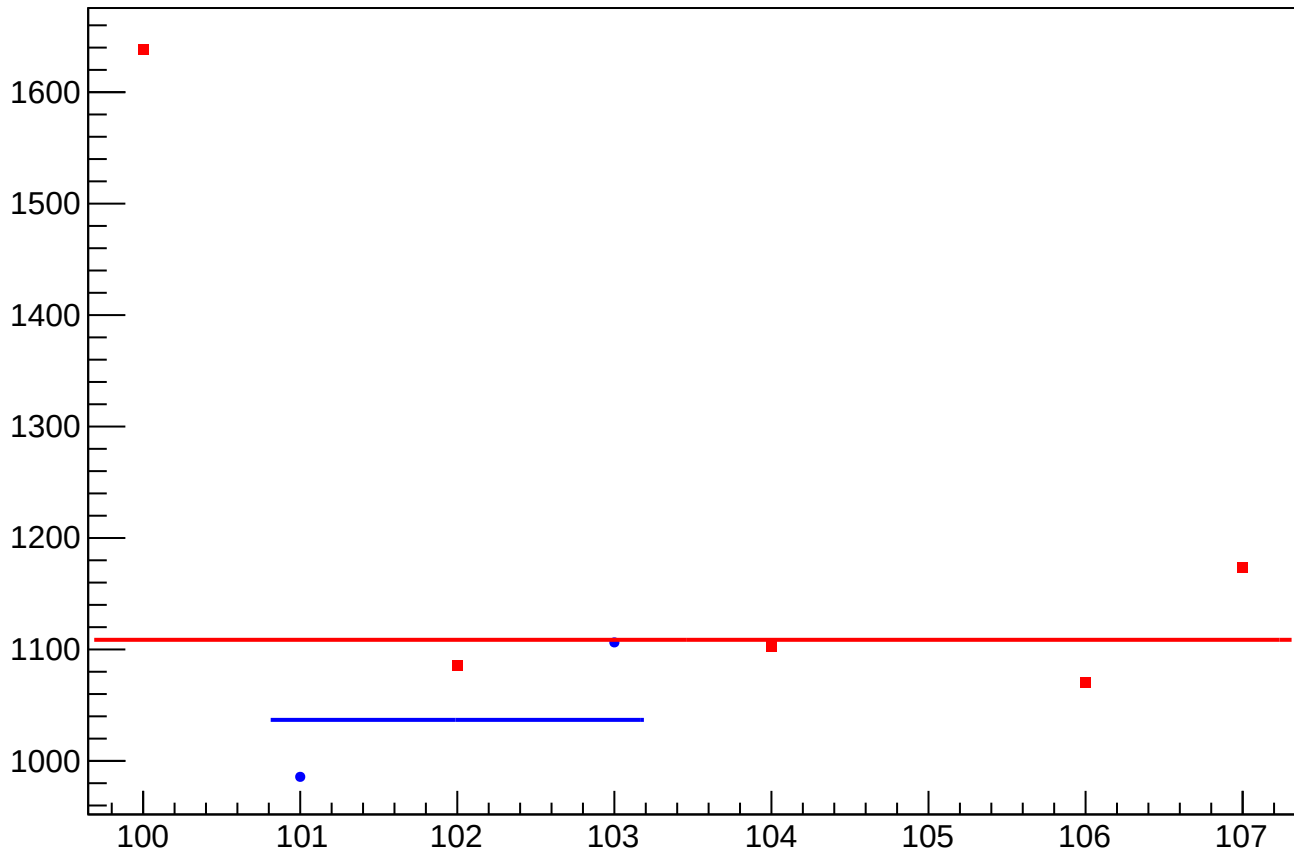
Right: -135.582+/-618.362 χ^2/NDF : 10.5/6

In: 1060.361+/-926.123 χ^2/NDF :3.3/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -135.582+/-618.362 χ^2/NDF : 10.5/6

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 1036.820+/-0.655 χ^2/NDF : 8284.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1108.651+/-0.587 χ^2/NDF : 18014.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

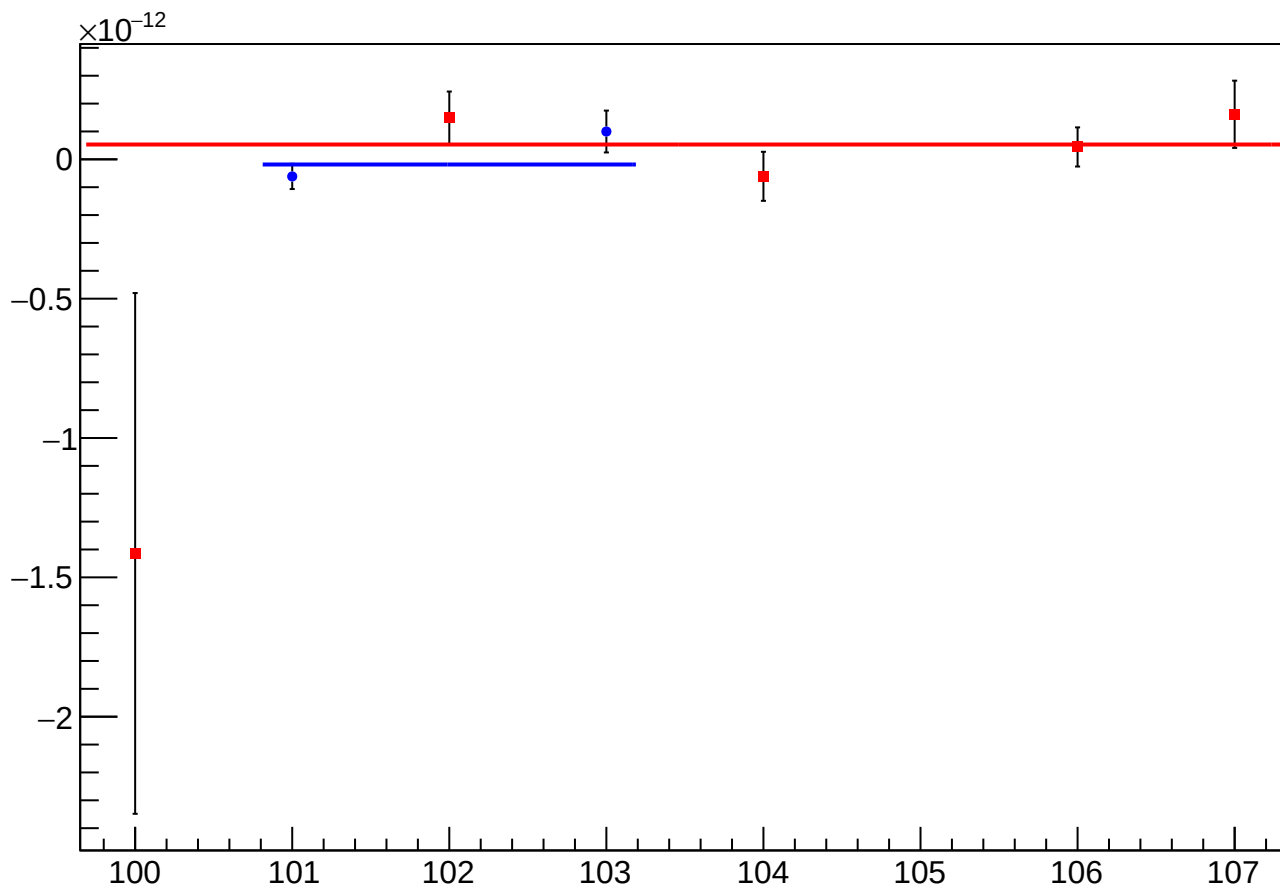
Right: 1076.628+/-0.437 χ^2/NDF : 32966.8/6

In: 1036.820+/-0.655 χ^2/NDF : 8284.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1076.628+/-0.437 χ^2/NDF : 32966.8/6

asym_sam_37_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.4/1

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

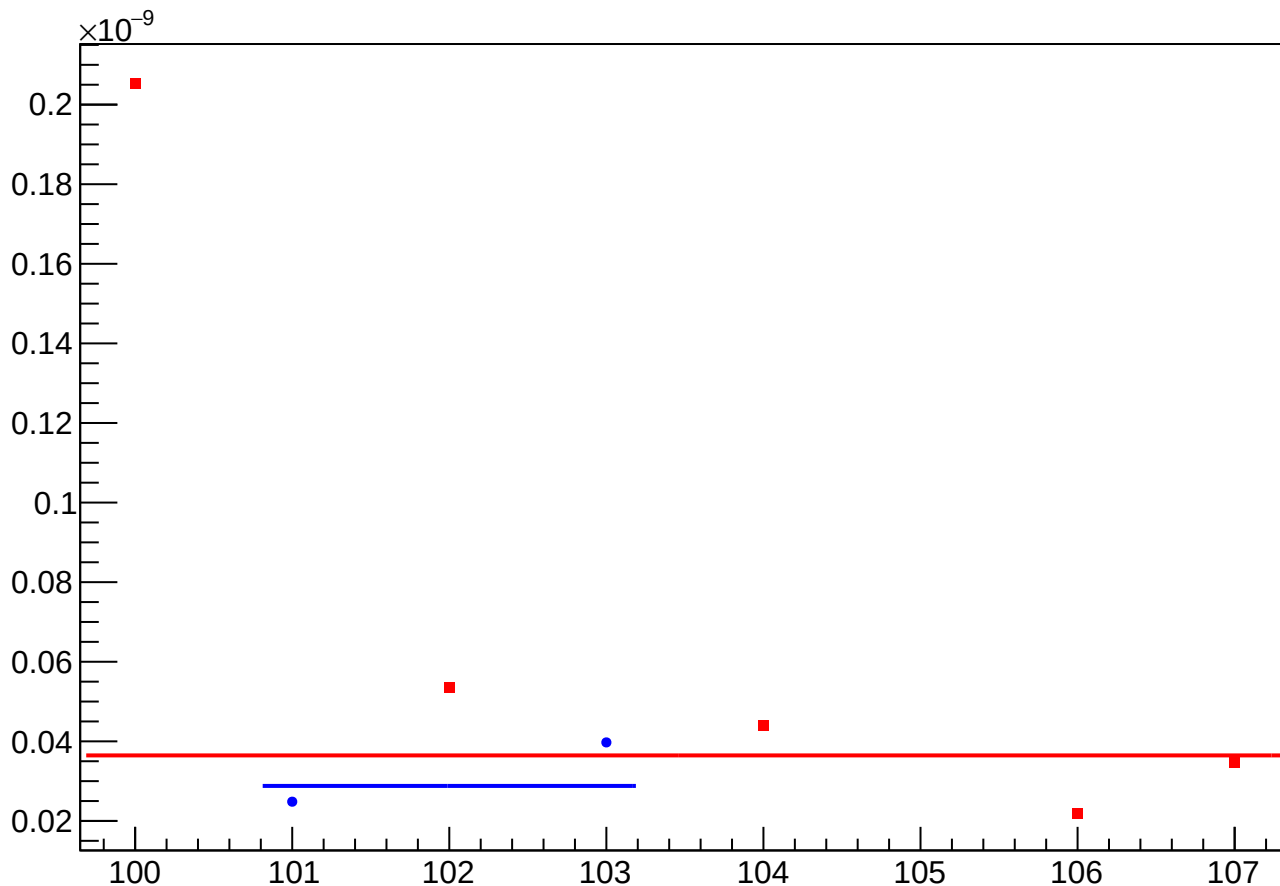
Right: 0.000+/-0.000 χ^2/NDF : 10.9/6

In: -0.000+/-0.000 χ^2/NDF : 3.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.9/6

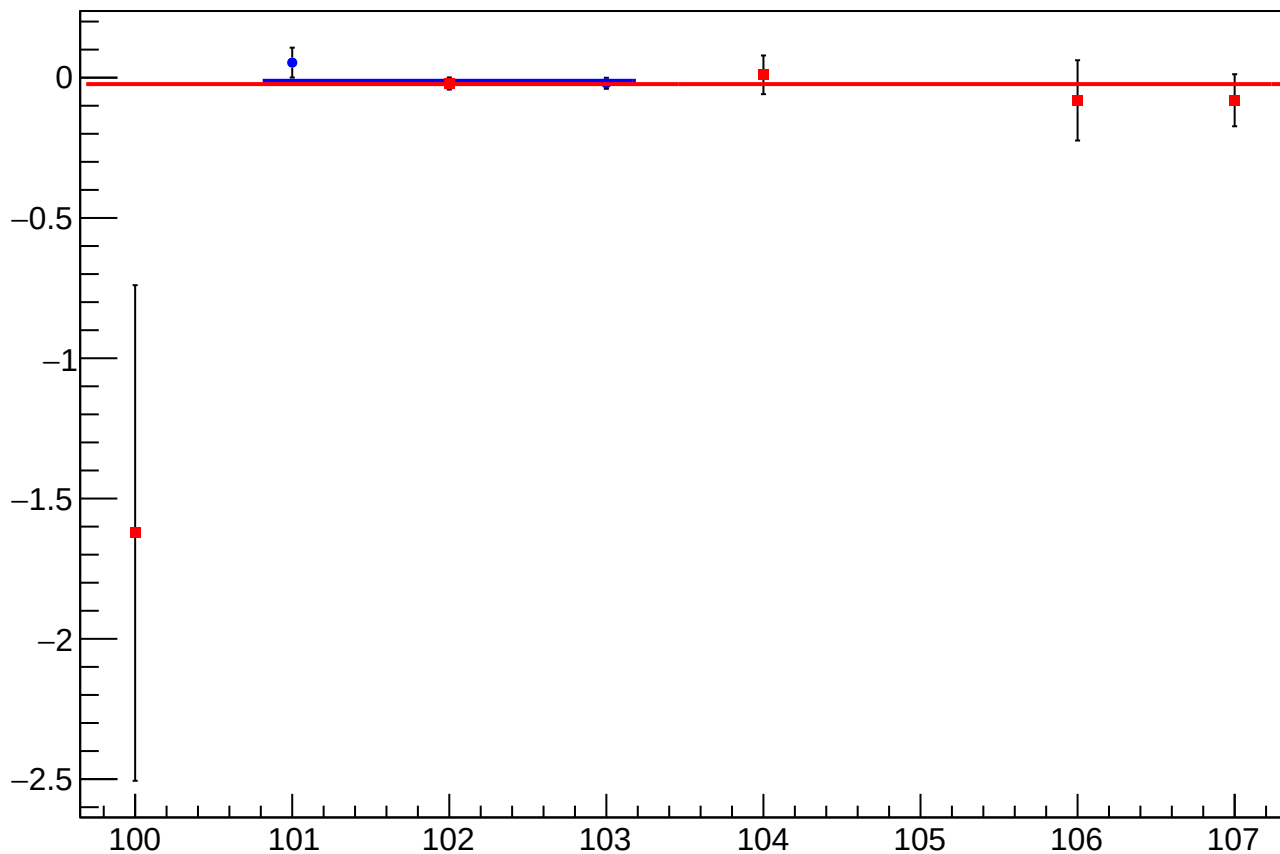
asym_sam_37_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 57789.5/1
 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 : 325106.8/6
 In: 0.000+/-0.000 χ^2/NDF : 57789.5/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 325106.8/6

asym_sam_37_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 $\pm$ 0.018 χ^2 /NDF: 1.7/1

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

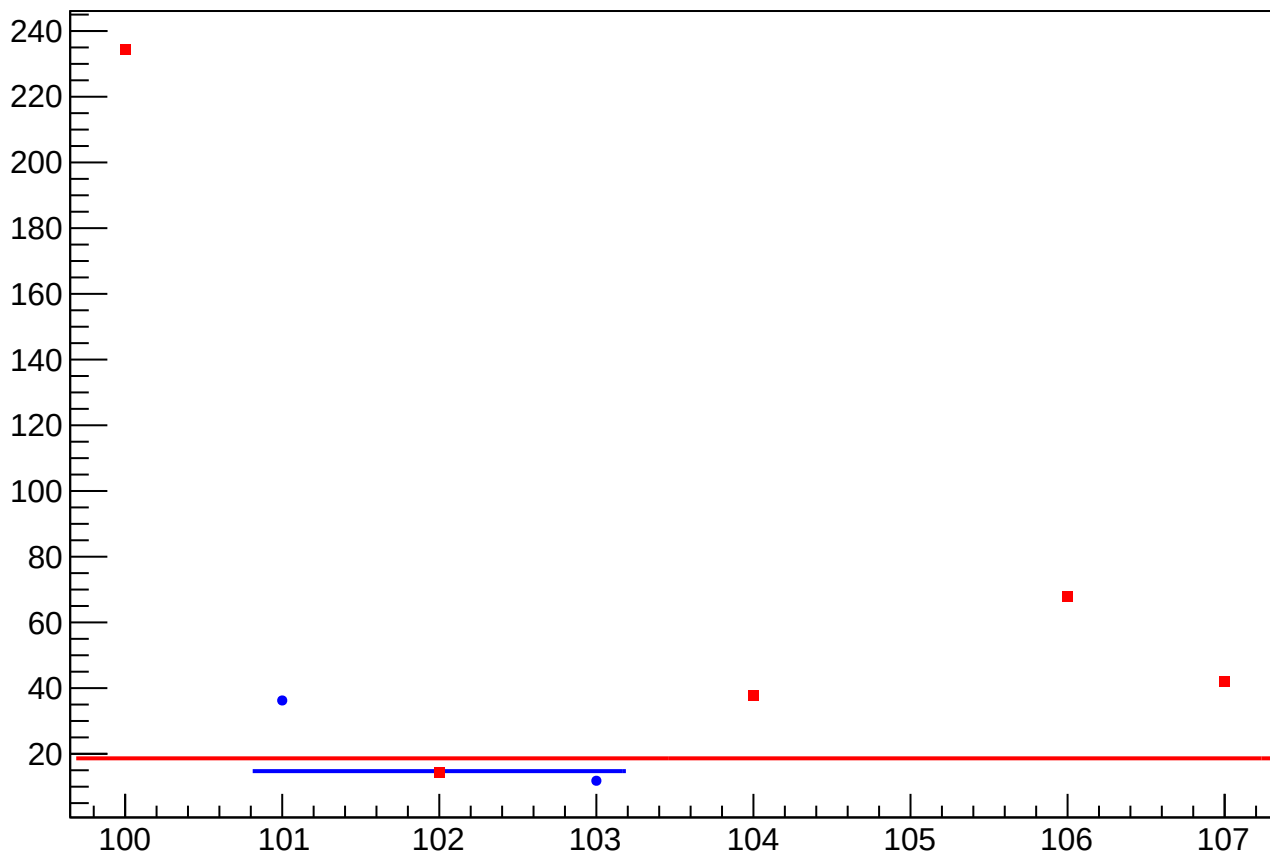
Right: -0.017 $\pm$ 0.014 χ^2 /NDF: 5.9/6

In: -0.011 $\pm$ 0.018 χ^2 /NDF:1.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.017 $\pm$ 0.014 χ^2 /NDF: 5.9/6

asym_sam_37_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 14.735+/-0.013 χ^2/NDF : 371188.1/1

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

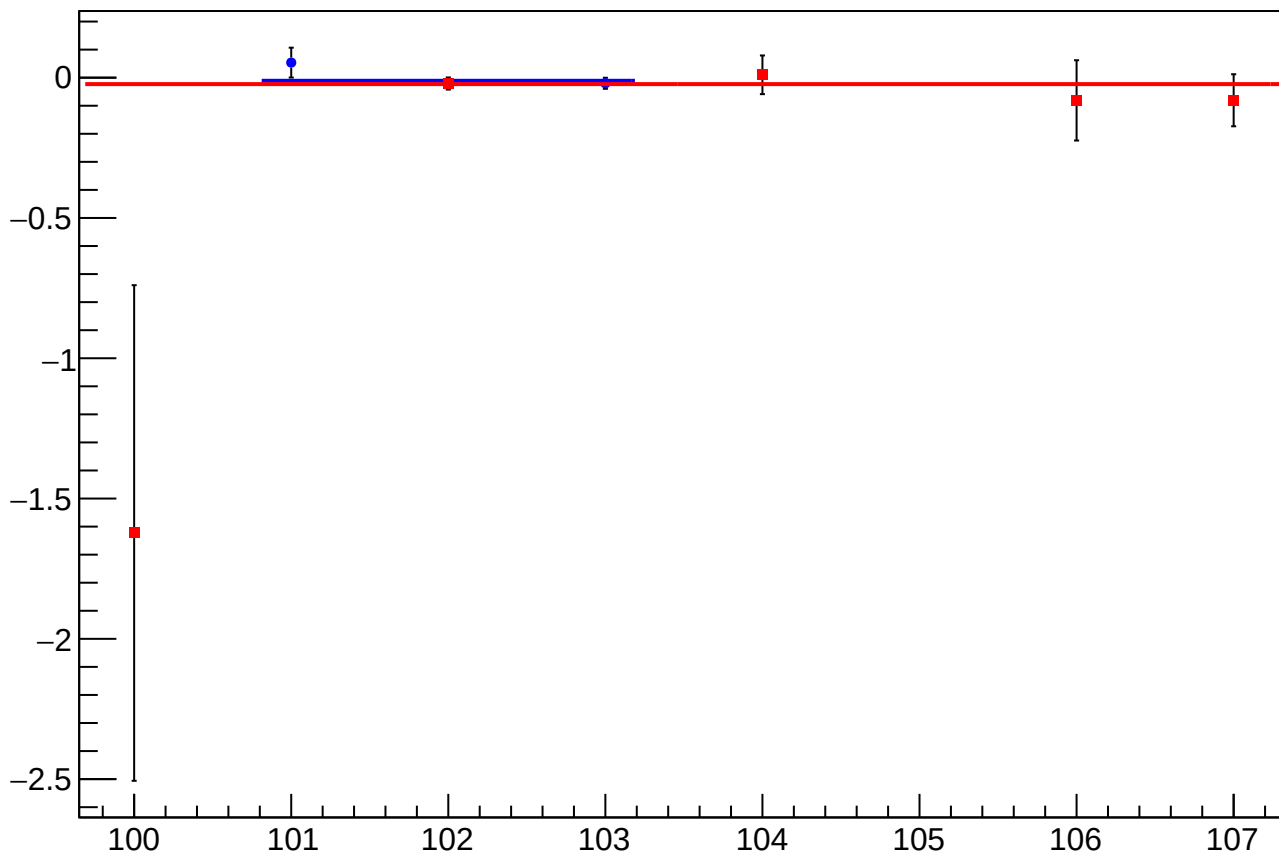
Right: 16.535+/-0.010 χ^2/NDF : 1133291.0/6

In: 14.735+/-0.013 χ^2/NDF : 371188.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.535+/-0.010 χ^2/NDF : 1133291.0/6

asym_sam_37_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 $\pm$ 0.018 χ^2 /NDF: 1.7/1

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

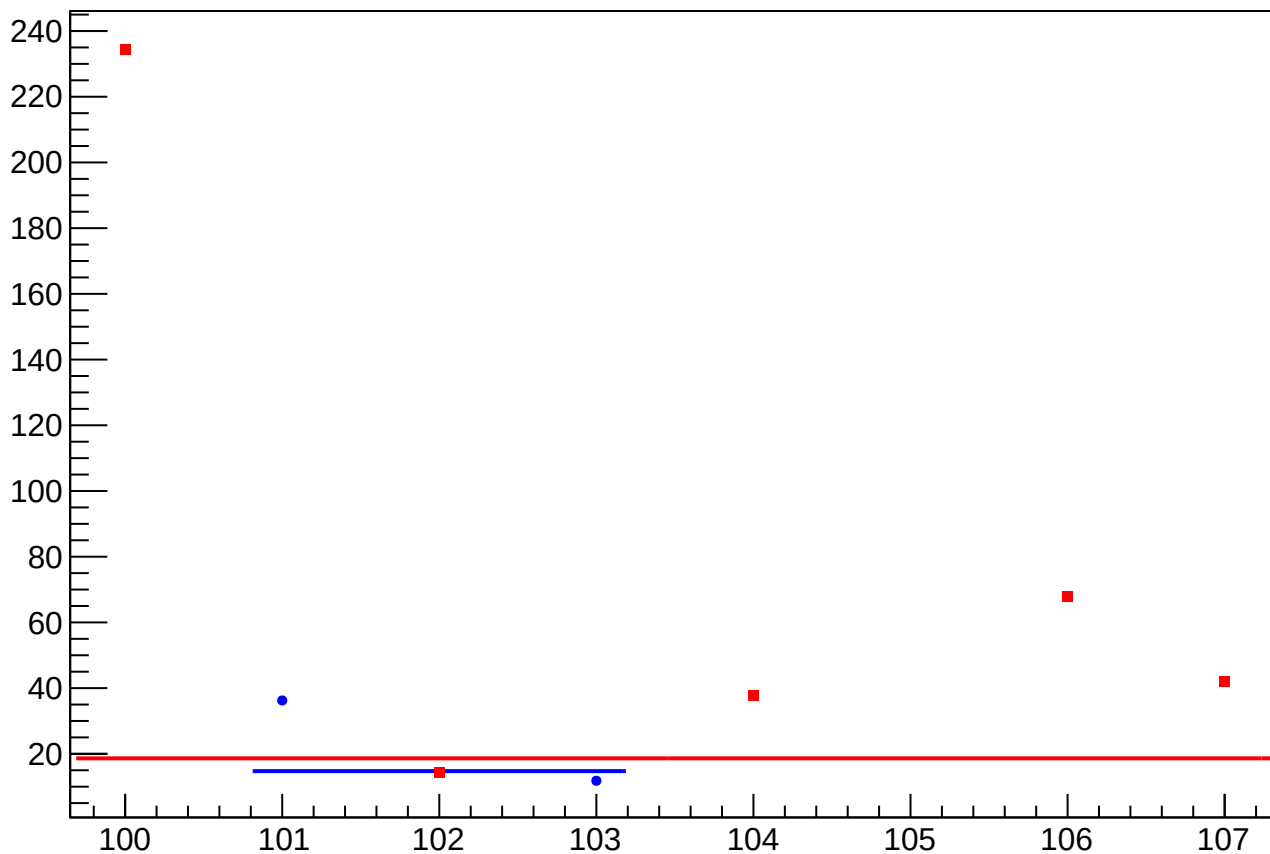
Right: -0.017 $\pm$ 0.014 χ^2 /NDF: 5.9/6

In: -0.011 $\pm$ 0.018 χ^2 /NDF:1.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.017 $\pm$ 0.014 χ^2 /NDF: 5.9/6

asym_sam_37_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 14.735+/-0.013 χ^2/NDF : 371188.1/1

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

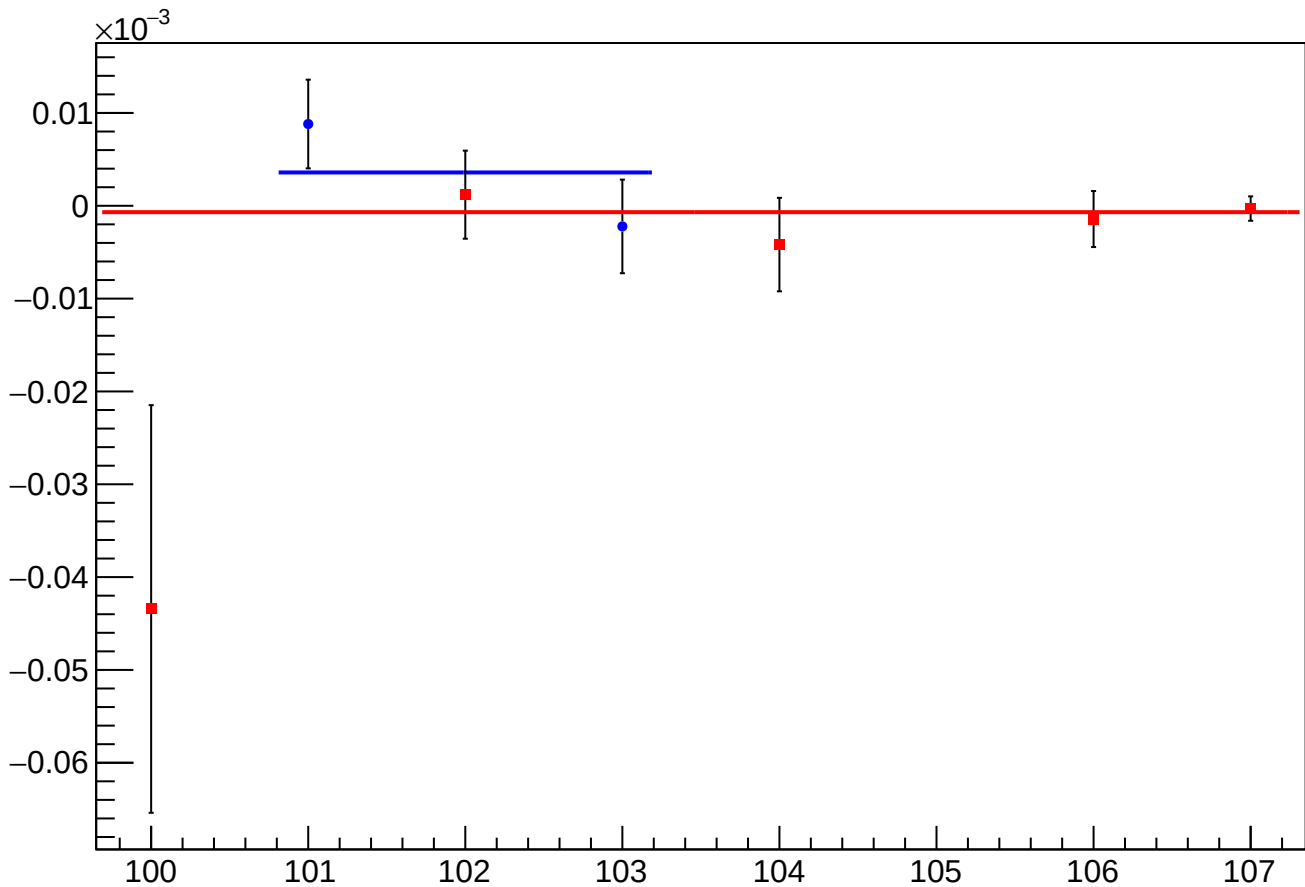
Right: 16.535+/-0.010 χ^2/NDF : 1133291.0/6

In: 14.735+/-0.013 χ^2/NDF : 371188.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.535+/-0.010 χ^2/NDF : 1133291.0/6

asym_sam_37_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.5/1

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

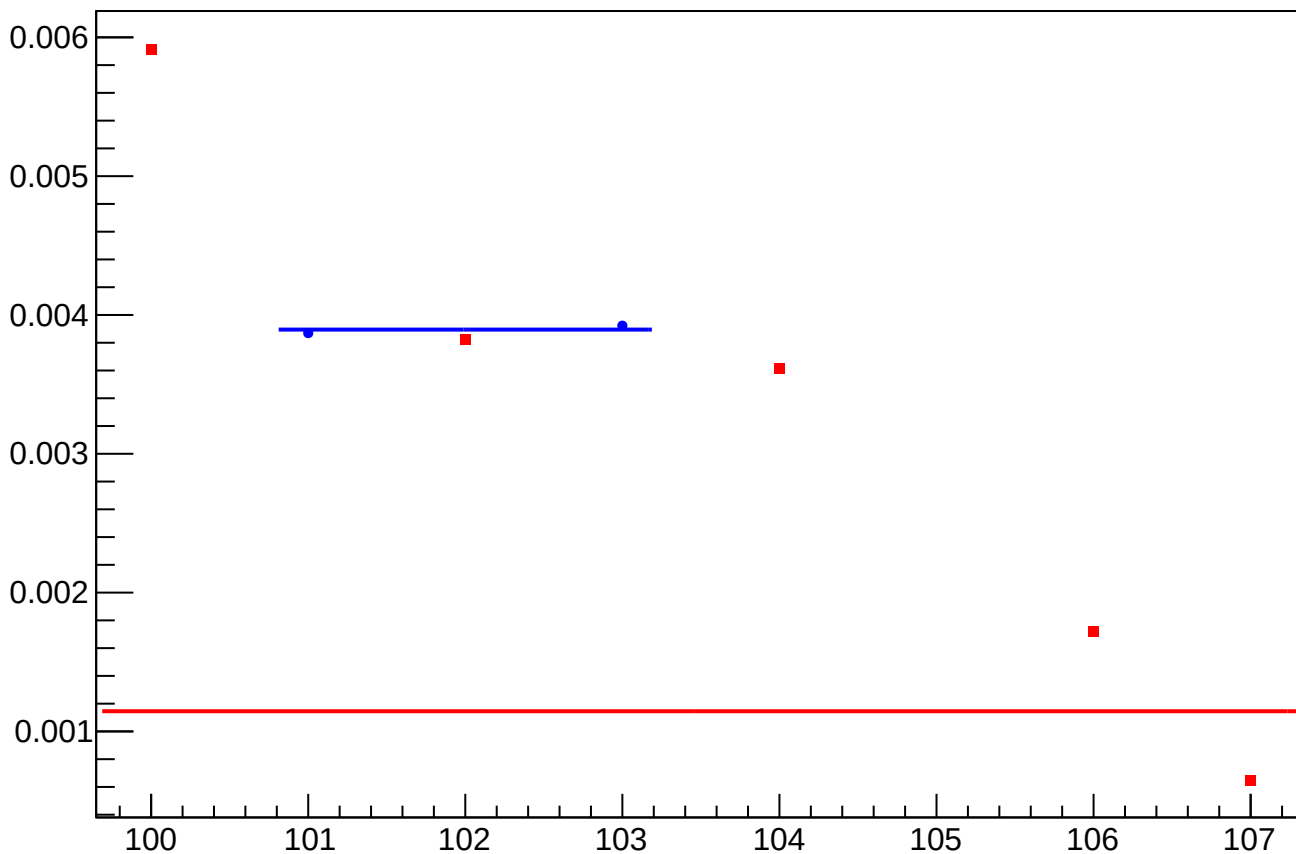
Right: -0.000+/-0.000 χ^2/NDF : 8.5/6

In: 0.000+/-0.000 χ^2/NDF : 2.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.5/6

asym_sam_37_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 119.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.000 χ^2 /NDF: 1574215.0/4

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

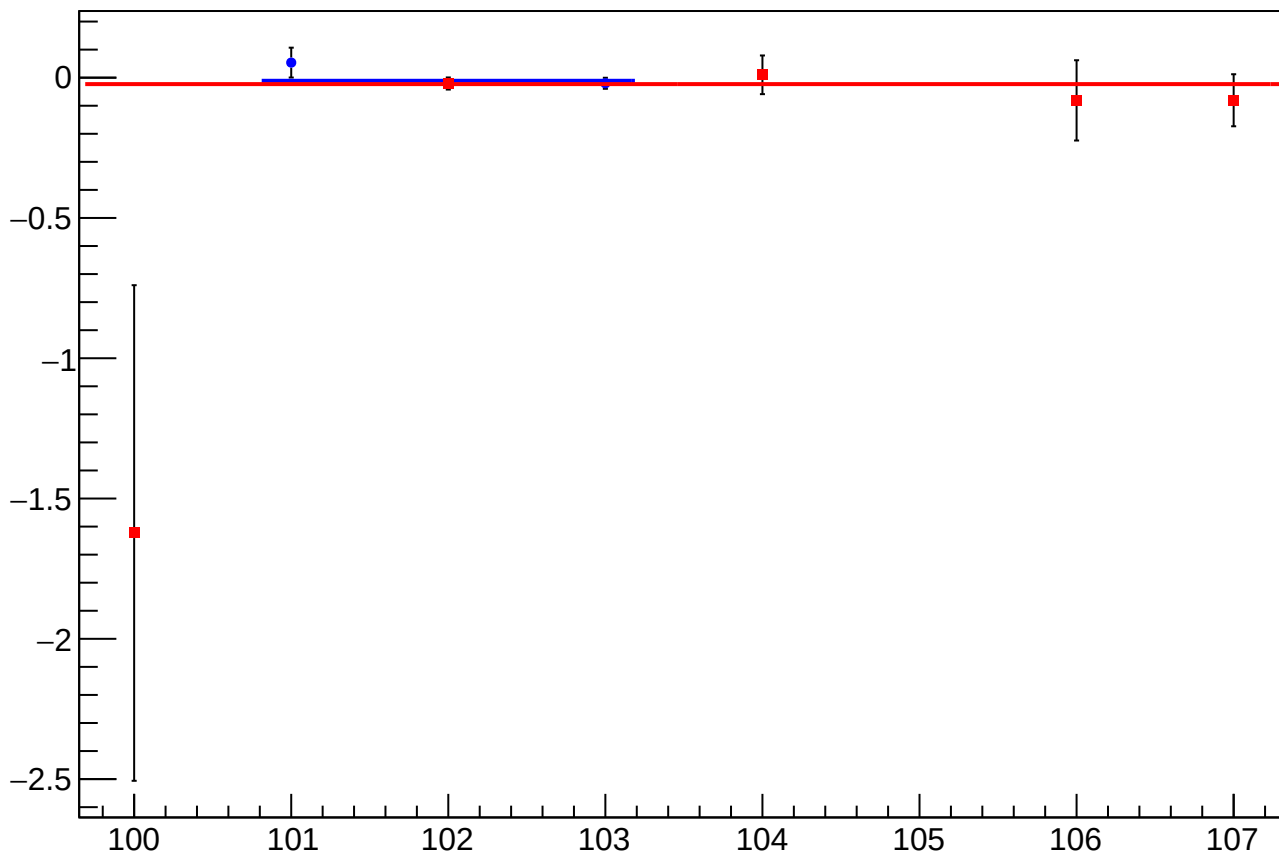
Right: 0.001 $\pm$ 0.000 χ^2 /NDF: 2708801.7/6

In: 0.004 $\pm$ 0.000 χ^2 /NDF:119.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.000 χ^2 /NDF: 2708801.7/6

asym_sam_37_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 $\pm$ 0.018 χ^2 /NDF: 1.7/1

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

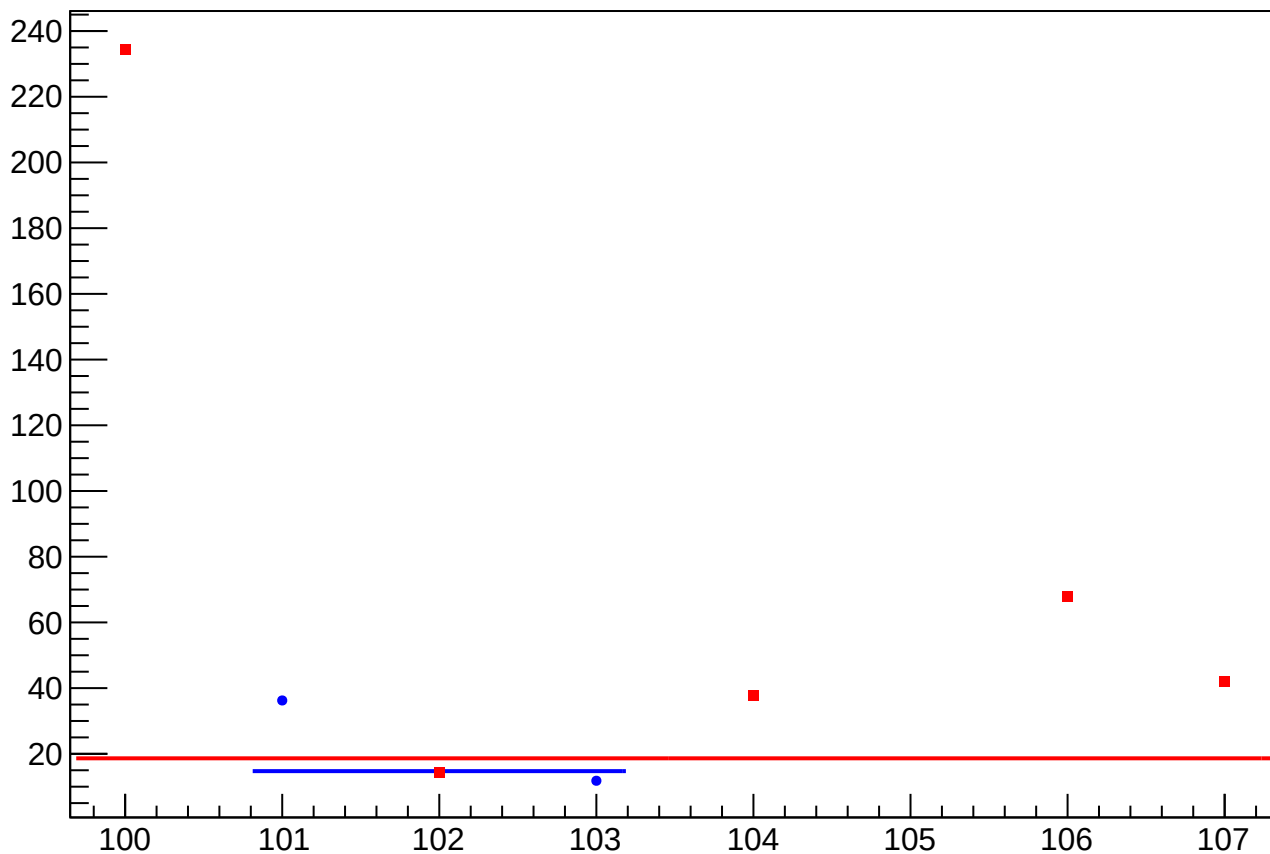
Right: -0.017 $\pm$ 0.014 χ^2 /NDF: 5.9/6

In: -0.011 $\pm$ 0.018 χ^2 /NDF:1.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.017 $\pm$ 0.014 χ^2 /NDF: 5.9/6

asym_sam_37_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 14.734+/-0.013 χ^2/NDF : 371246.9/1

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

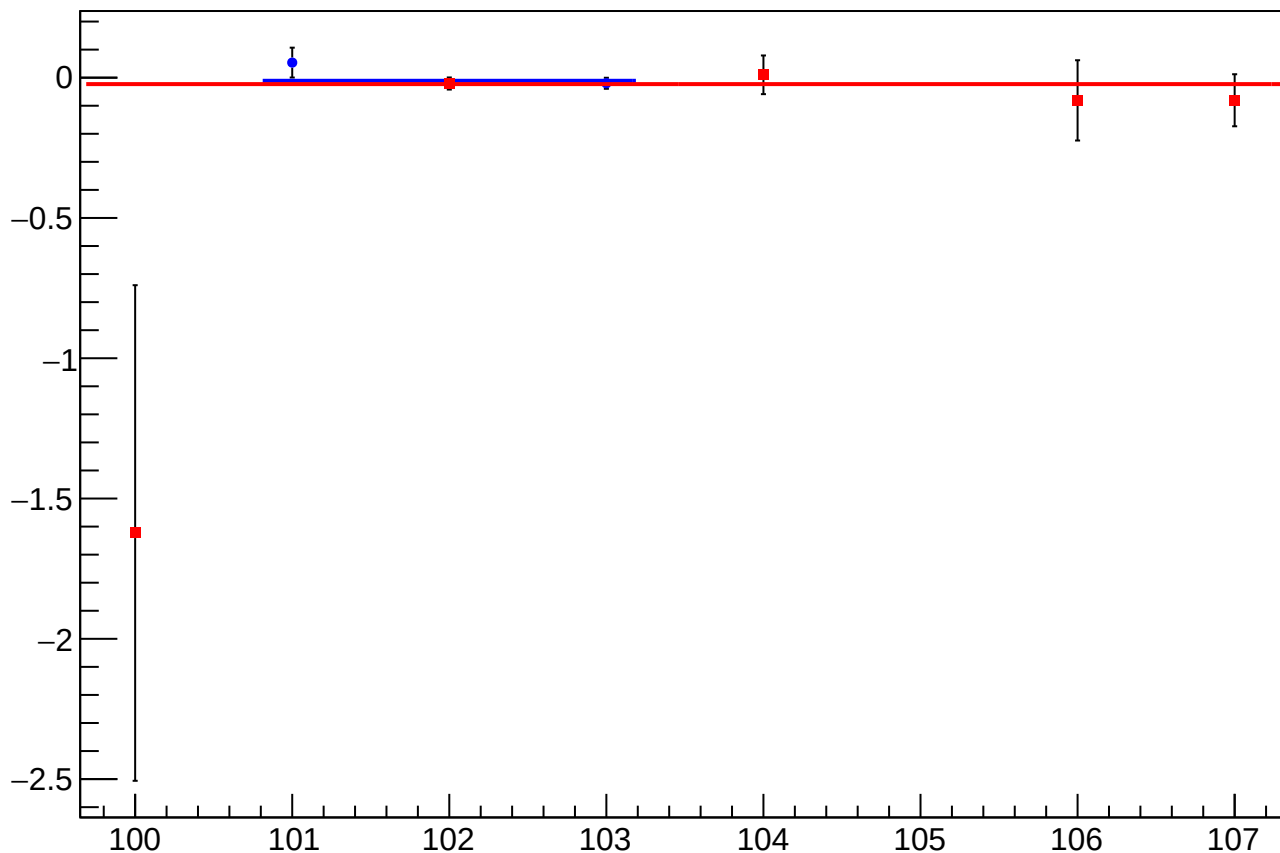
Right: 16.535+/-0.010 χ^2/NDF : 1133336.3/6

In: 14.734+/-0.013 χ^2/NDF : 371246.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.535+/-0.010 χ^2/NDF : 1133336.3/6

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 $\pm$ 0.018 χ^2 /NDF: 1.7/1

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

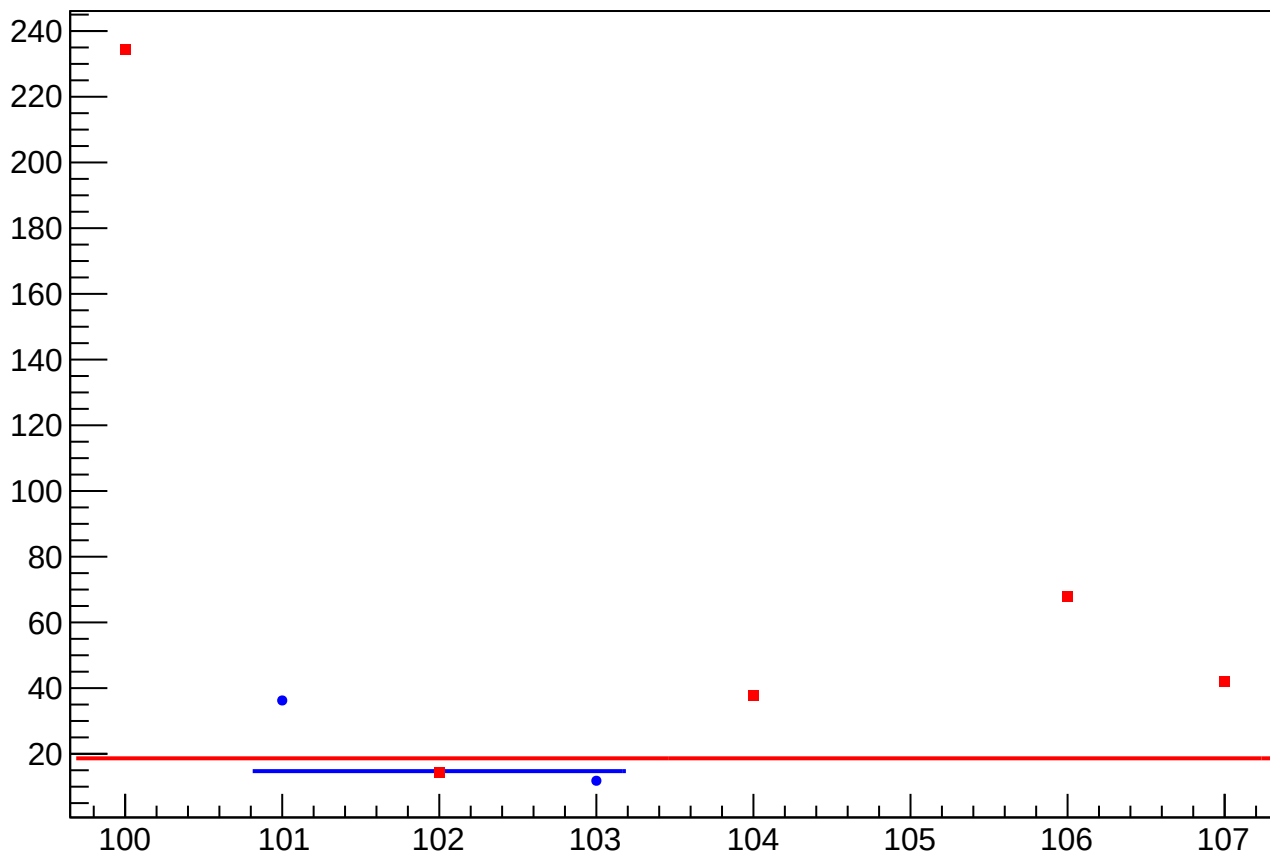
Right: -0.017 $\pm$ 0.014 χ^2 /NDF: 5.9/6

In: -0.011 $\pm$ 0.018 χ^2 /NDF:1.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.017 $\pm$ 0.014 χ^2 /NDF: 5.9/6

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 14.734+/-0.013 χ^2/NDF : 371246.9/1

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

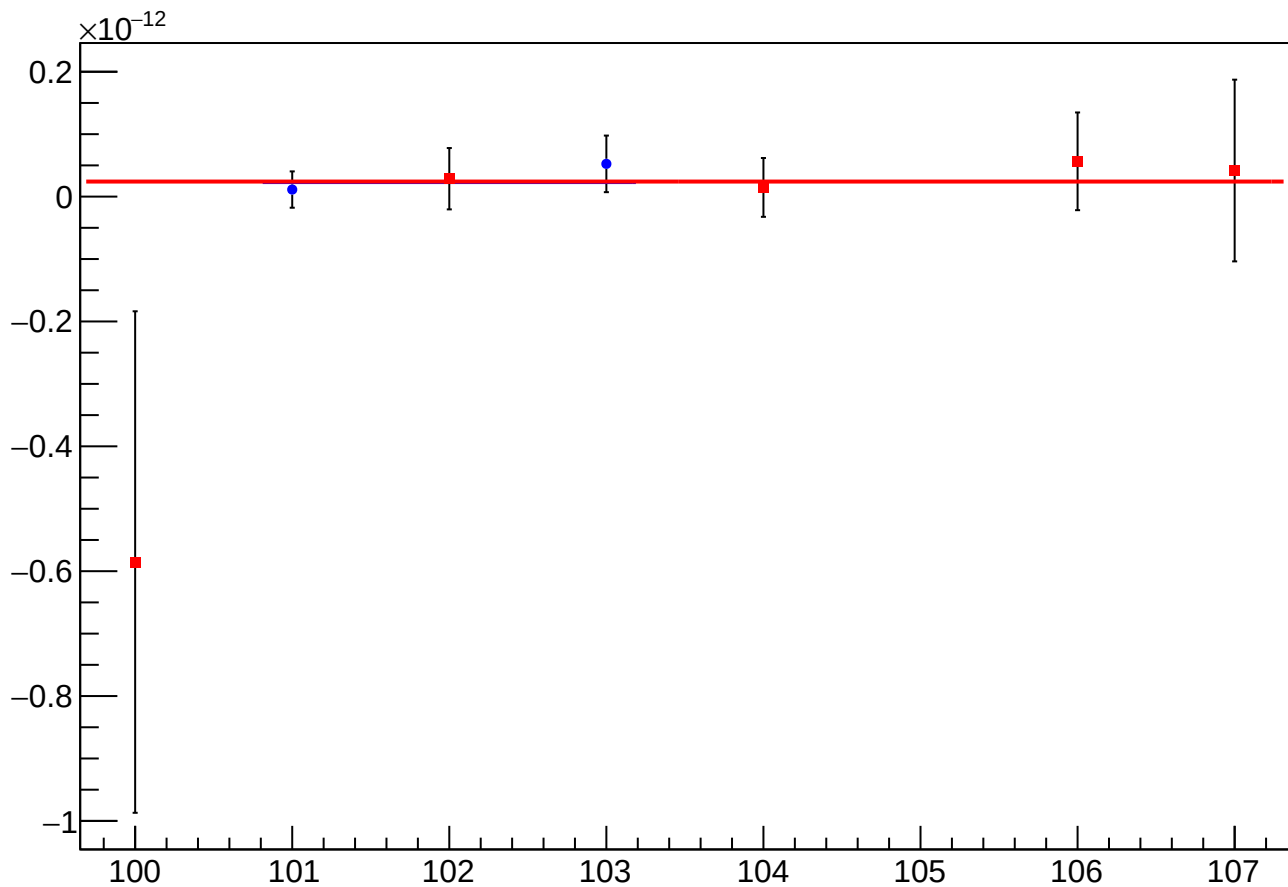
Right: 16.535+/-0.010 χ^2/NDF : 1133336.3/6

In: 14.734+/-0.013 χ^2/NDF : 371246.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.535+/-0.010 χ^2/NDF : 1133336.3/6

asym_sam_37_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.5/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

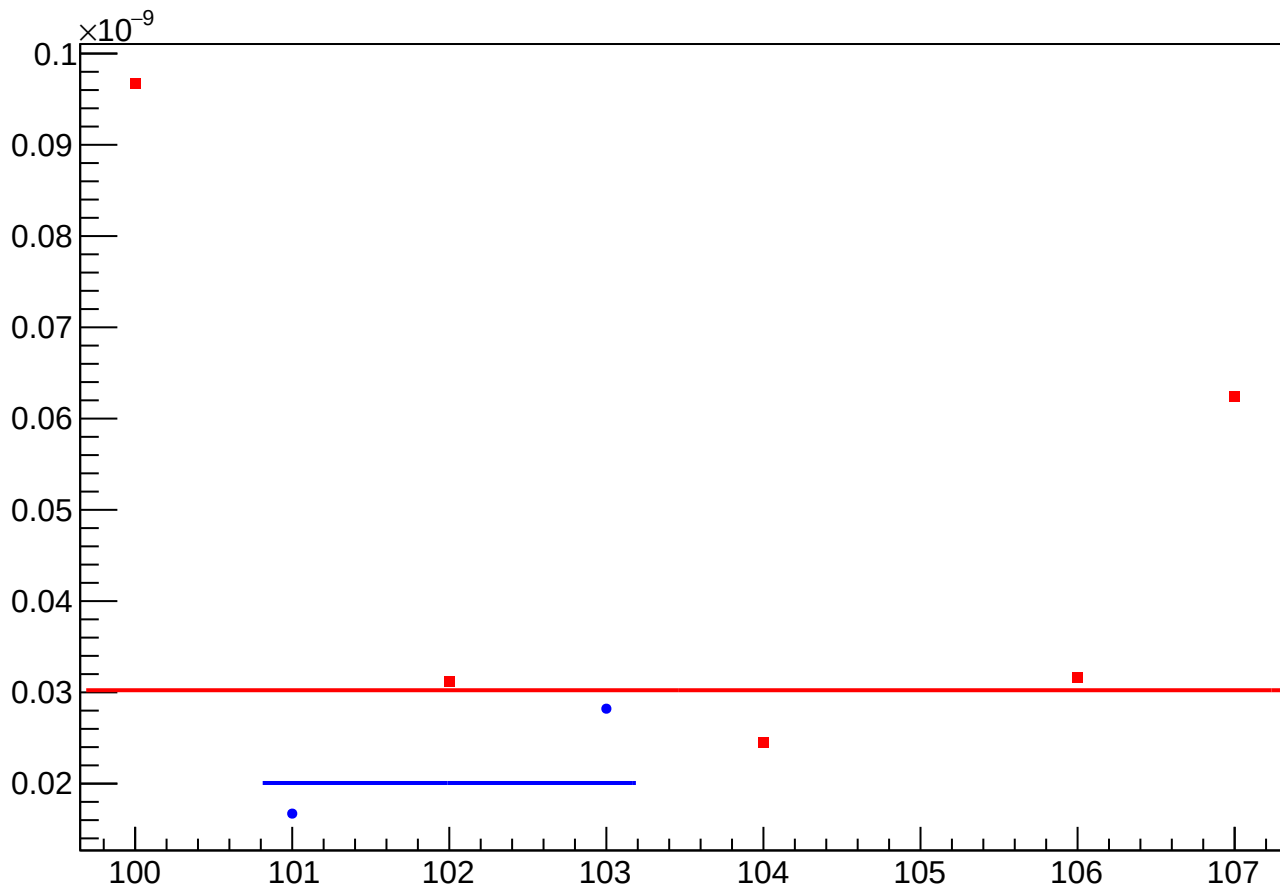
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.1/6

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.1/6

asym_sam_37_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 91150.9/1

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

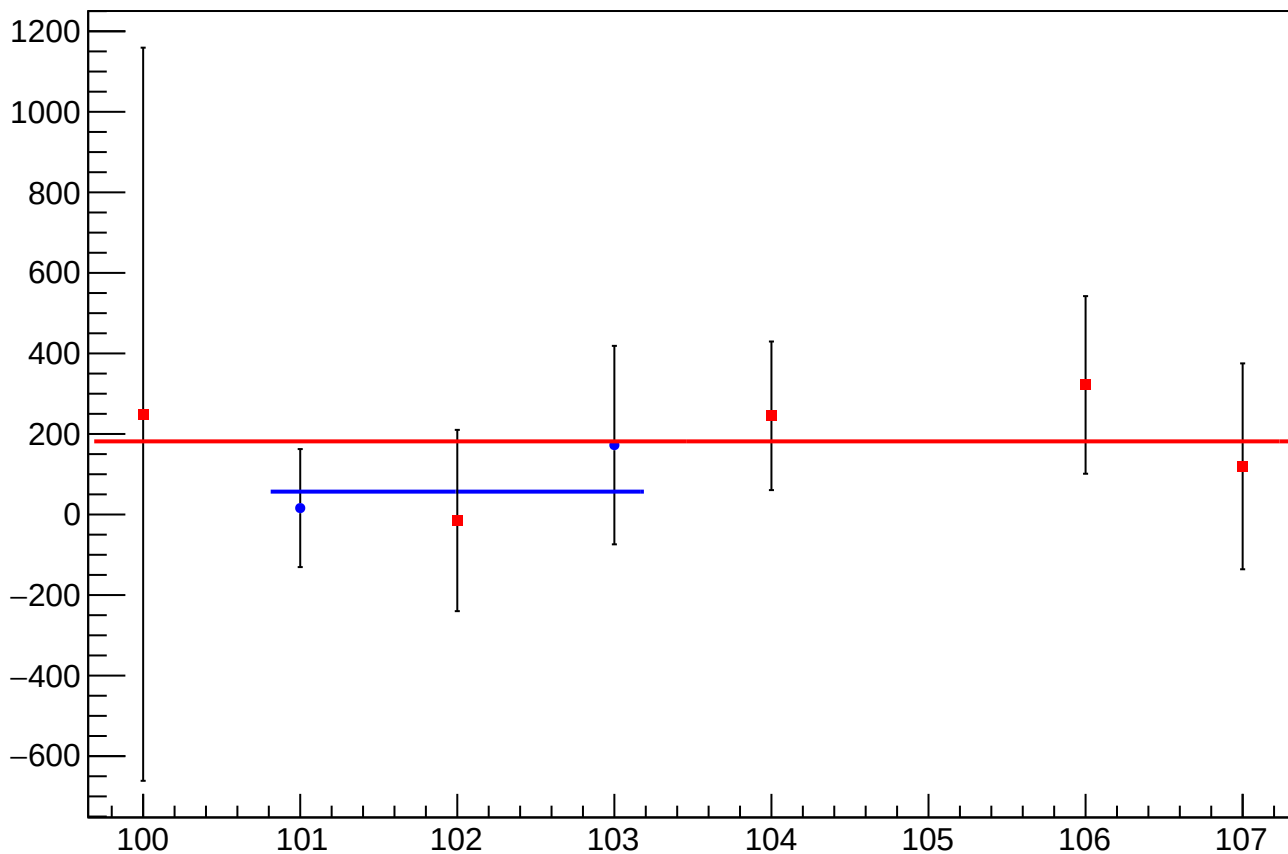
Right: 0.000+/-0.000 χ^2/NDF : 410180.6/6

In: 0.000+/-0.000 χ^2/NDF : 91150.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 410180.6/6

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 56.838 $\pm$ 125.958 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 181.639 $\pm$ 107.716 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

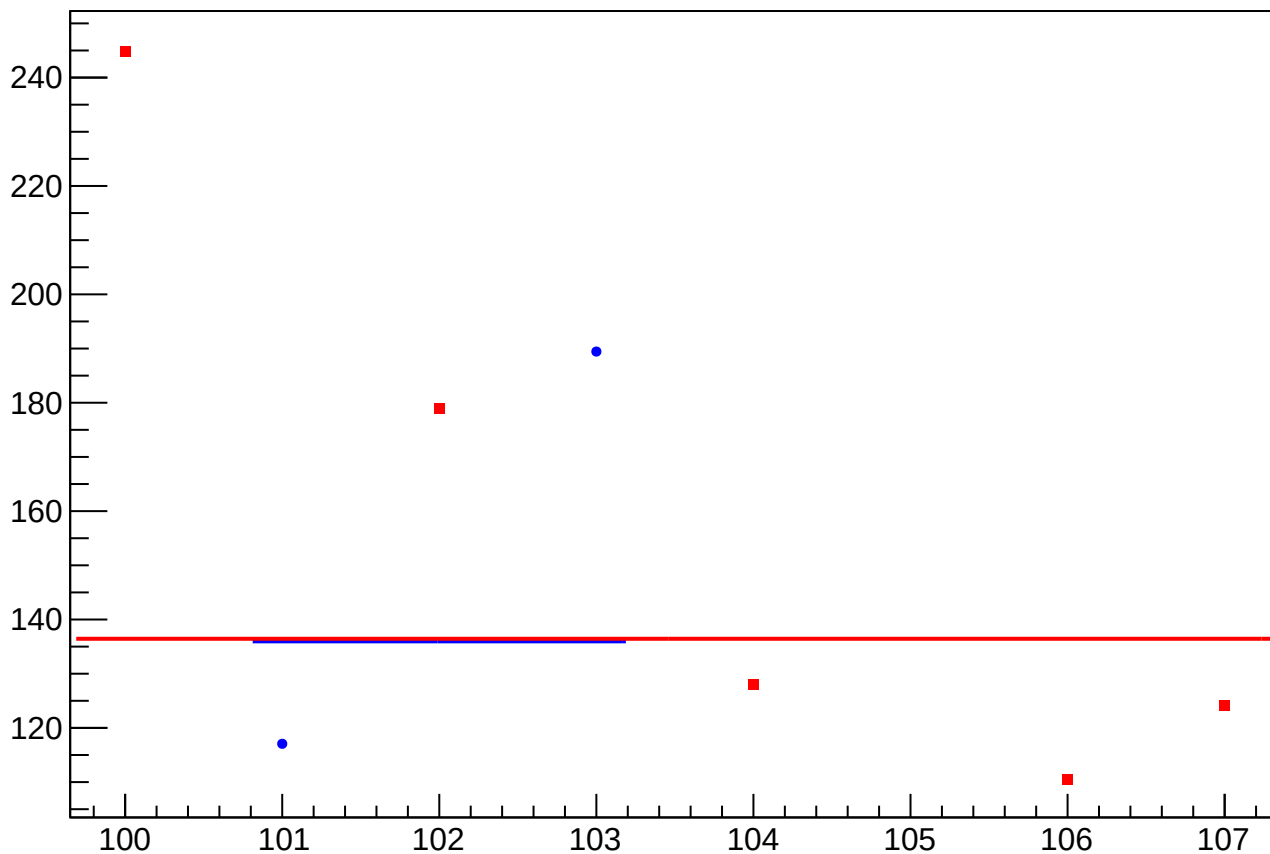
Right: 128.922 $\pm$ 81.864 χ^2 /NDF: 2.2/6

In: 56.838 $\pm$ 125.958 χ^2 /NDF: 0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 128.922 $\pm$ 81.864 χ^2 /NDF: 2.2/6

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 135.974 $\pm$ 0.089 χ^2 /NDF: 127442.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 136.446 $\pm$ 0.076 χ^2 /NDF: 136265.4/4

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

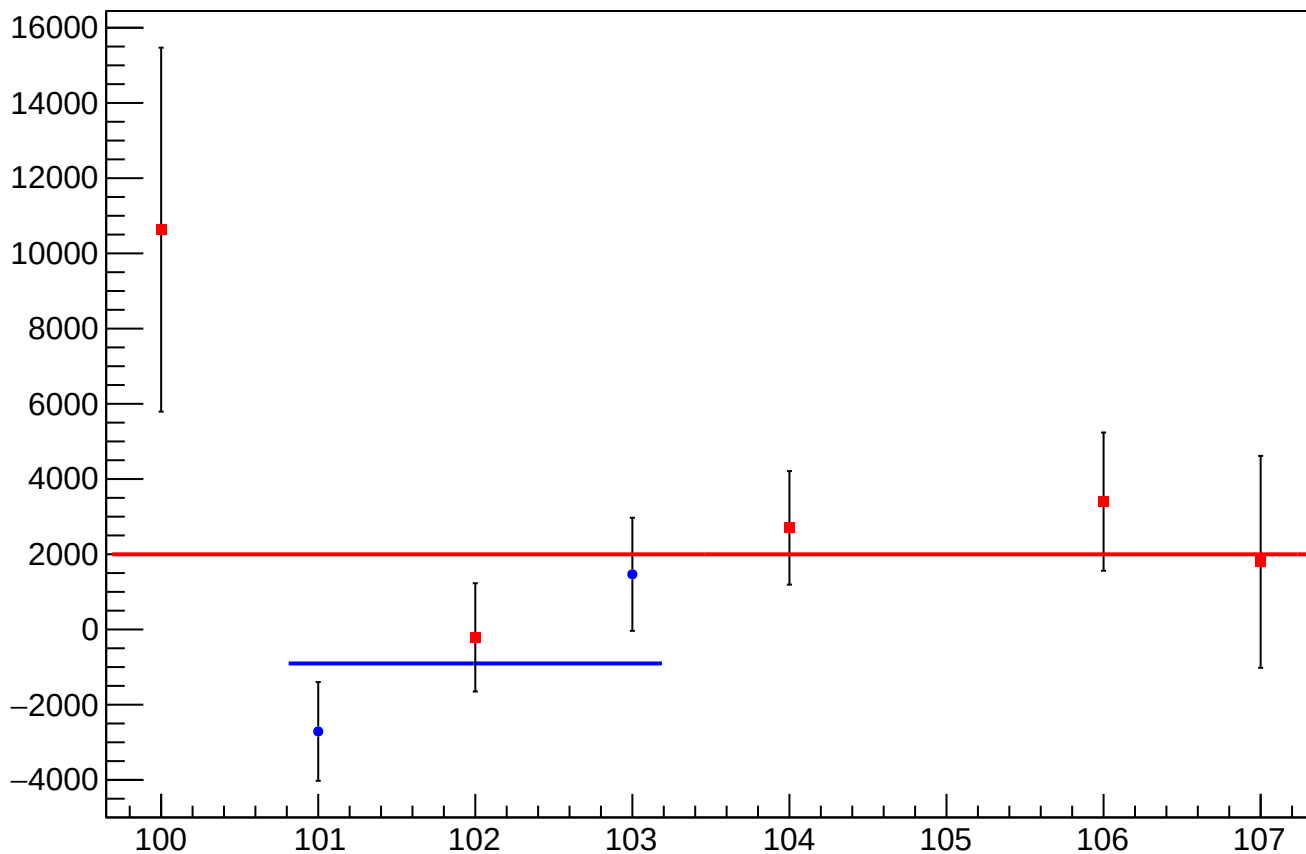
Right: 136.246 $\pm$ 0.058 χ^2 /NDF: 263724.5/6

In: 135.974 $\pm$ 0.089 χ^2 /NDF:127442.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 136.246 $\pm$ 0.058 χ^2 /NDF: 263724.5/6

asym_sam_48_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -903.752+/-988.764 χ^2/NDF : 4.4/1

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

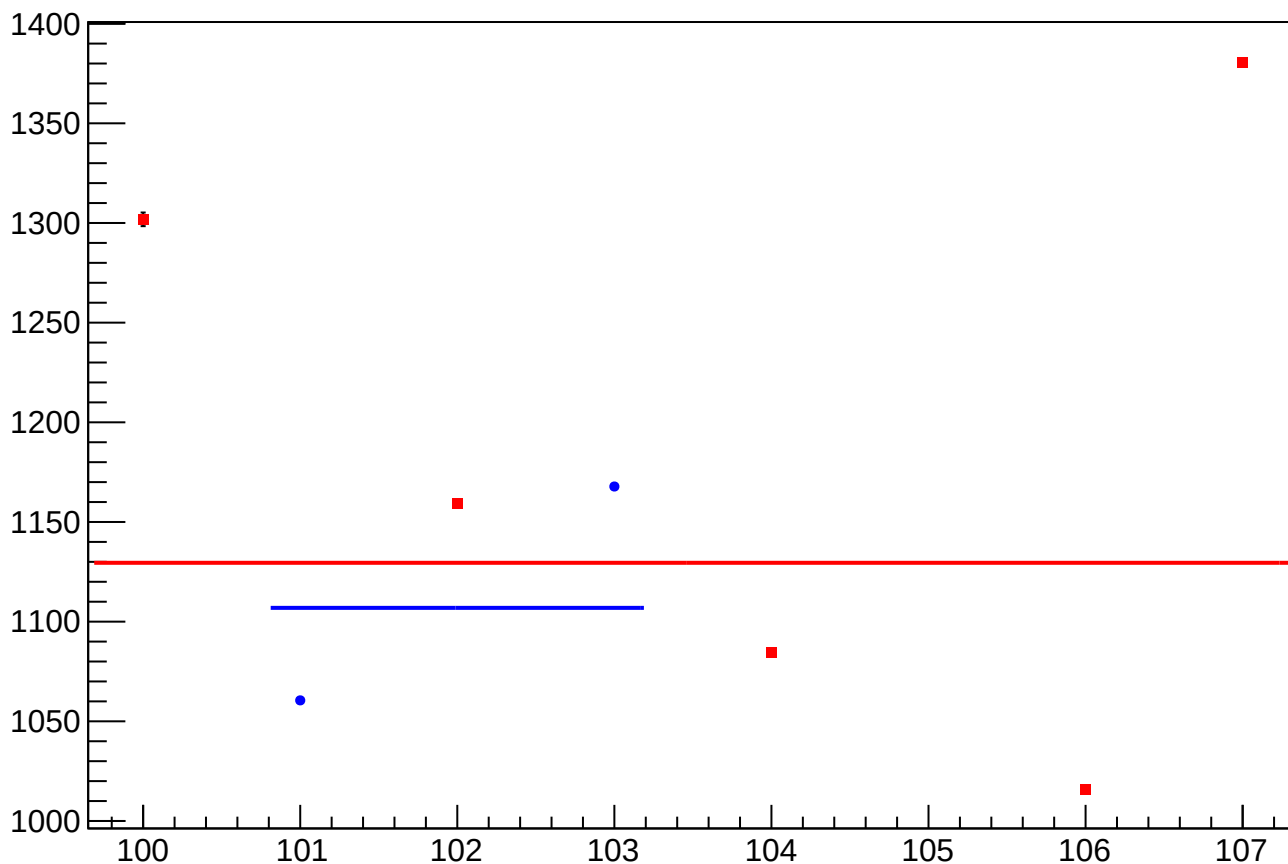
Right: 766.151+/-644.300 χ^2/NDF : 15.7/6

In: -903.752+/-988.764 χ^2/NDF : 4.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 766.151+/-644.300 χ^2/NDF : 15.7/6

asym_sam_48_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1106.919 $\pm$ 0.699 χ^2 /NDF: 5779.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1129.524 $\pm$ 0.601 χ^2 /NDF: 28659.6/4

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

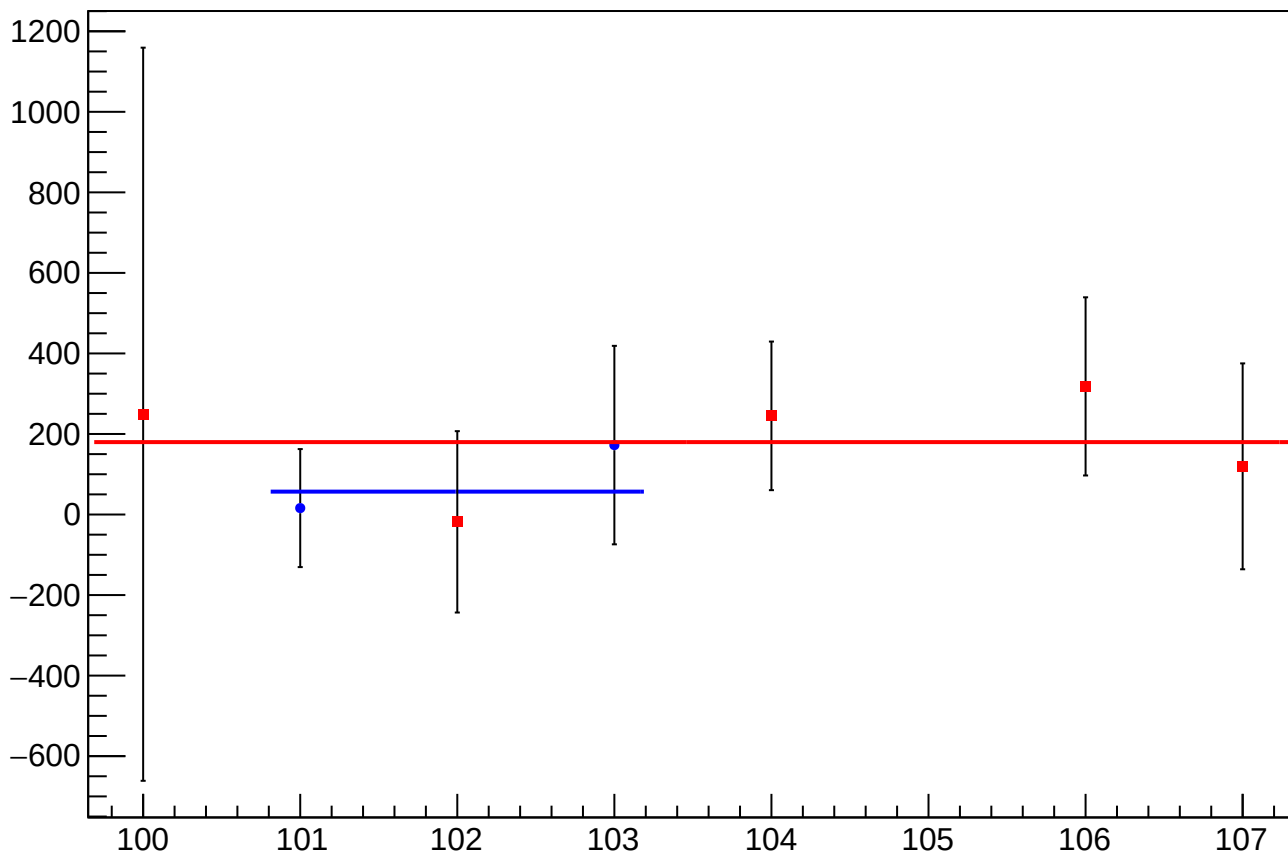
Right: 1119.926 $\pm$ 0.456 χ^2 /NDF: 35040.2/6

In: 1106.919 $\pm$ 0.699 χ^2 /NDF: 5779.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1119.926 $\pm$ 0.456 χ^2 /NDF: 35040.2/6

cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 56.848 $\pm$ 125.958 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 179.822 $\pm$ 107.808 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

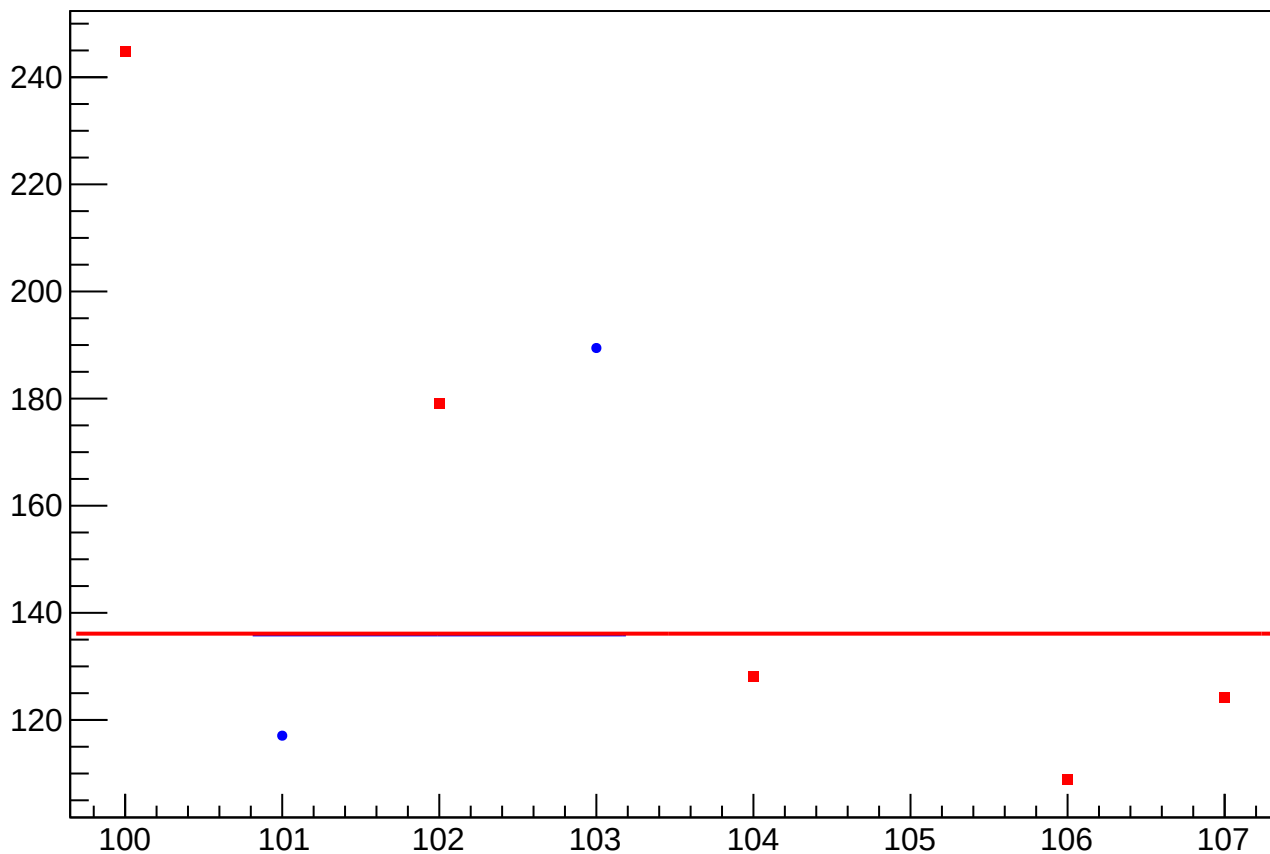
Right: 127.826 $\pm$ 81.904 χ^2 /NDF: 2.2/6

In: 56.848 $\pm$ 125.958 χ^2 /NDF: 0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 127.826 $\pm$ 81.904 χ^2 /NDF: 2.2/6

cor_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 135.974+/-0.089 χ^2/NDF : 127445.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.114+/-0.076 χ^2/NDF : 139778.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

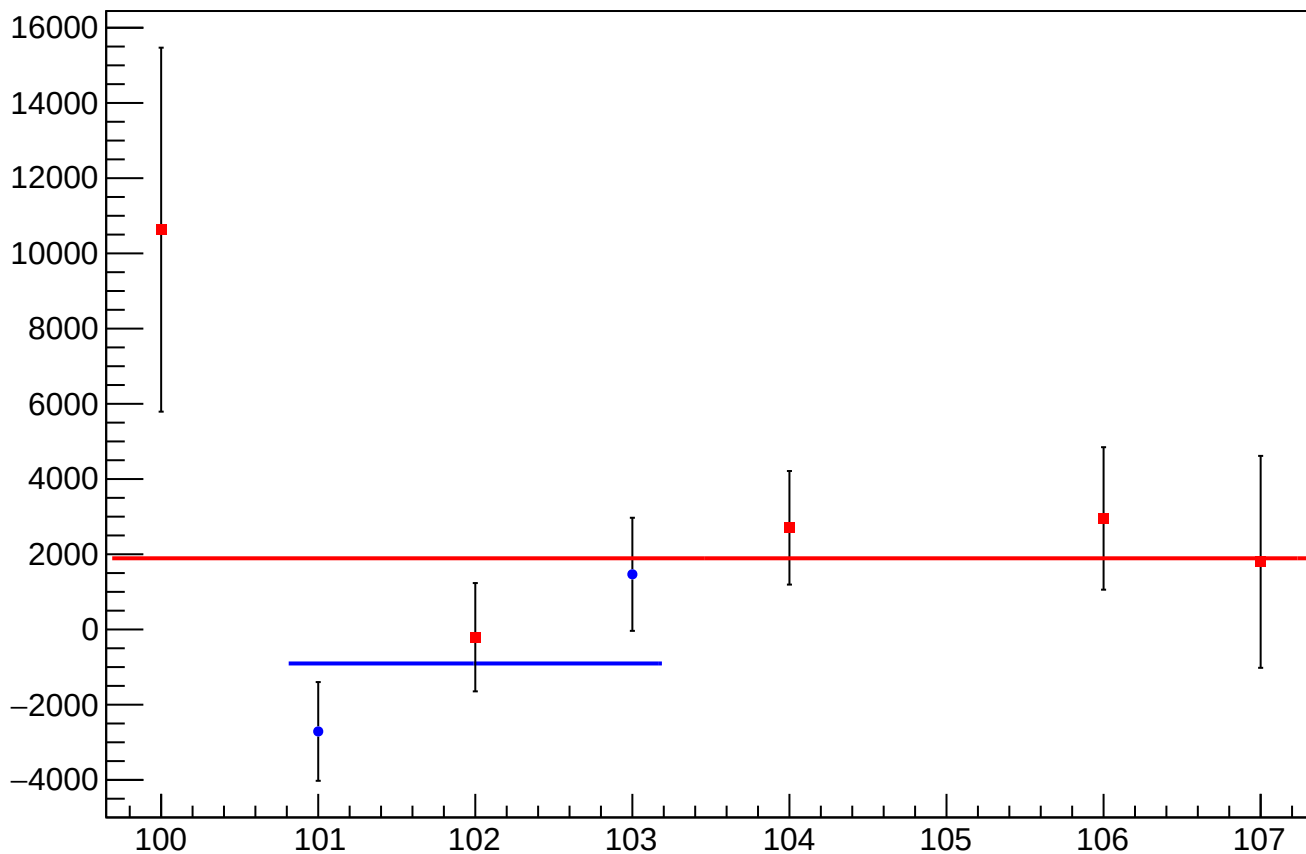
Right: 136.055+/-0.058 χ^2/NDF : 267226.2/6

In: 135.974+/-0.089 χ^2/NDF : 127445.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.055+/-0.058 χ^2/NDF : 267226.2/6

asym_sam_48_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -904.063+/-988.802 χ^2/NDF : 4.4/1

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

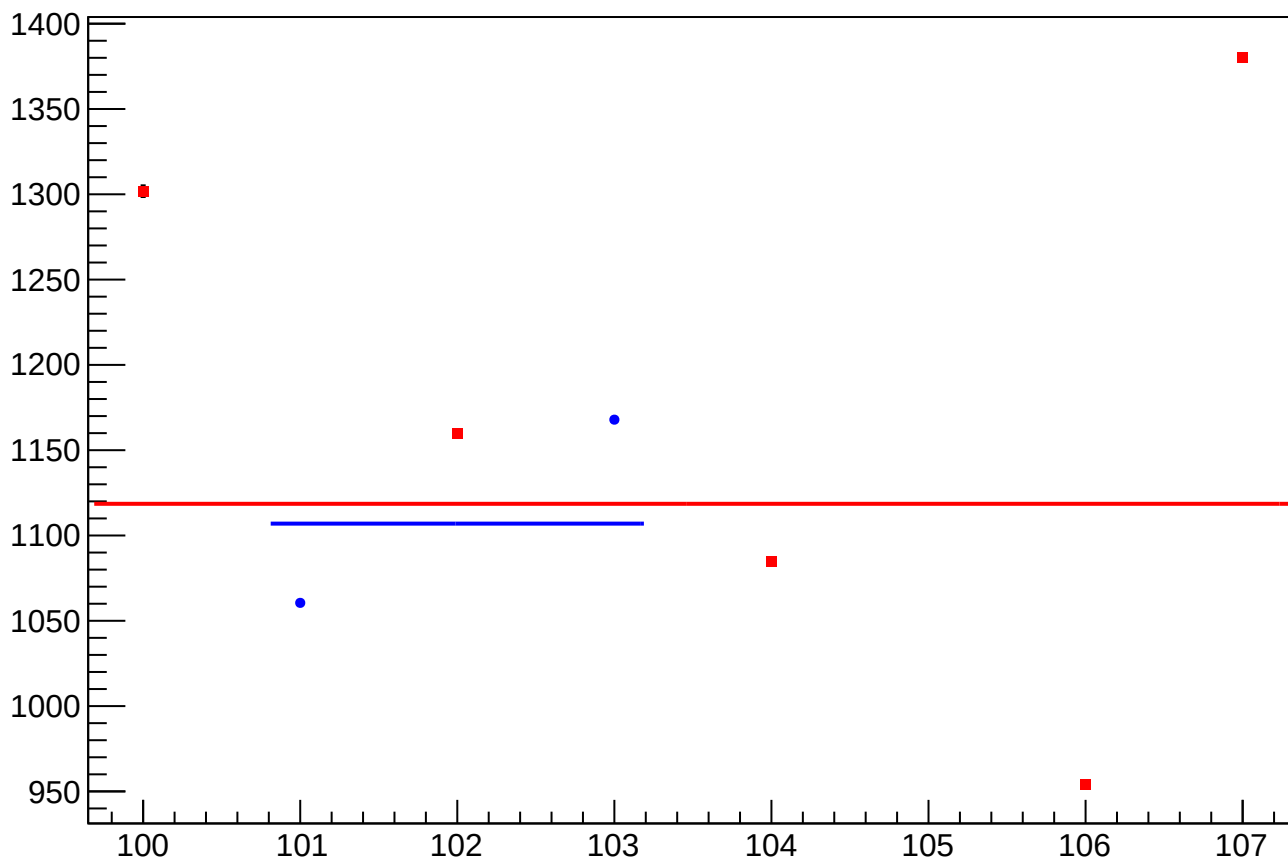
Right: 696.341+/-646.721 χ^2/NDF : 14.9/6

In: -904.063+/-988.802 χ^2/NDF : 4.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 696.341+/-646.721 χ^2/NDF : 14.9/6

asym_sam_48_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1106.959 $\pm$ 0.699 χ^2 /NDF: 5789.7/1

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

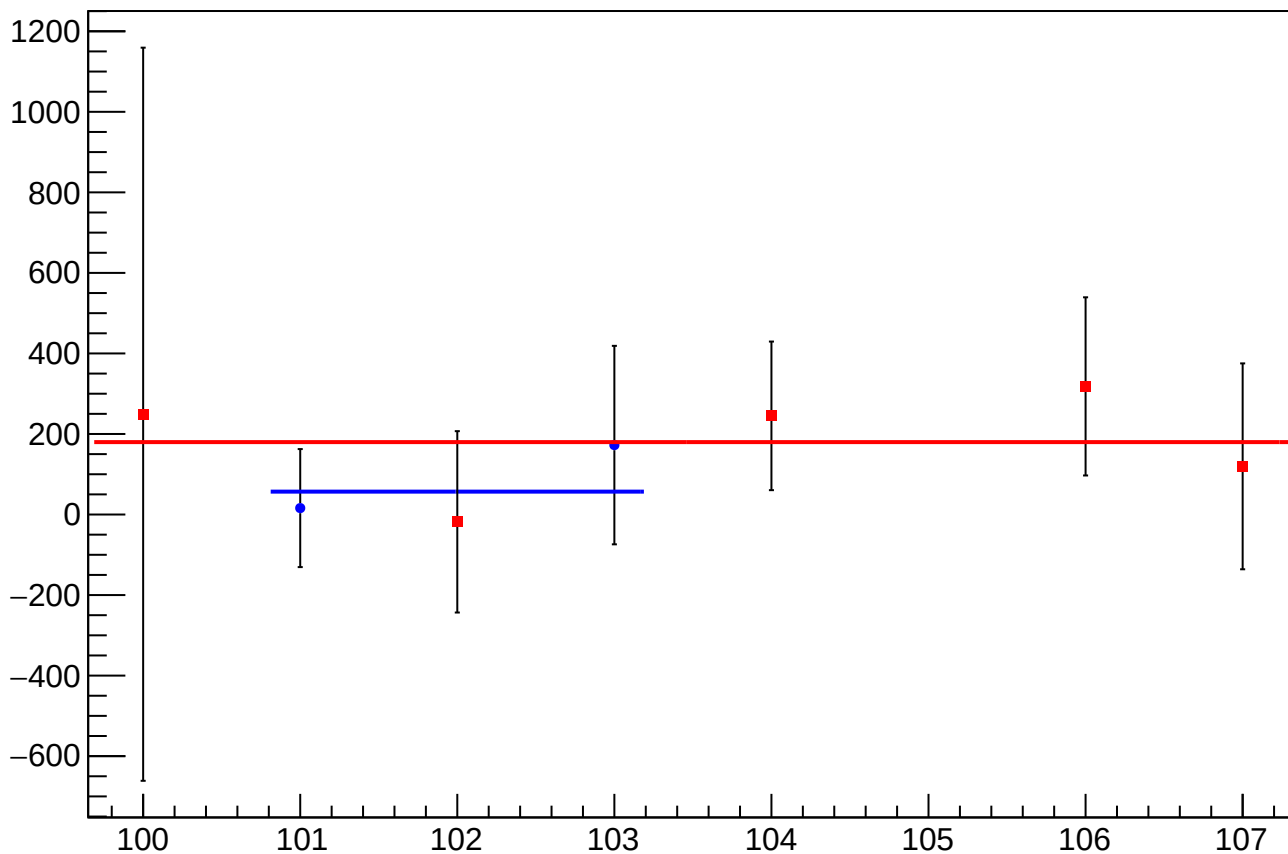
Right: 1113.604 $\pm$ 0.457 χ^2 /NDF: 43831.6/6

In: 1106.959 $\pm$ 0.699 χ^2 /NDF: 5789.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1113.604 $\pm$ 0.457 χ^2 /NDF: 43831.6/6

eigen_cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 56.848 $\pm$ 125.958 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 179.822 $\pm$ 107.808 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

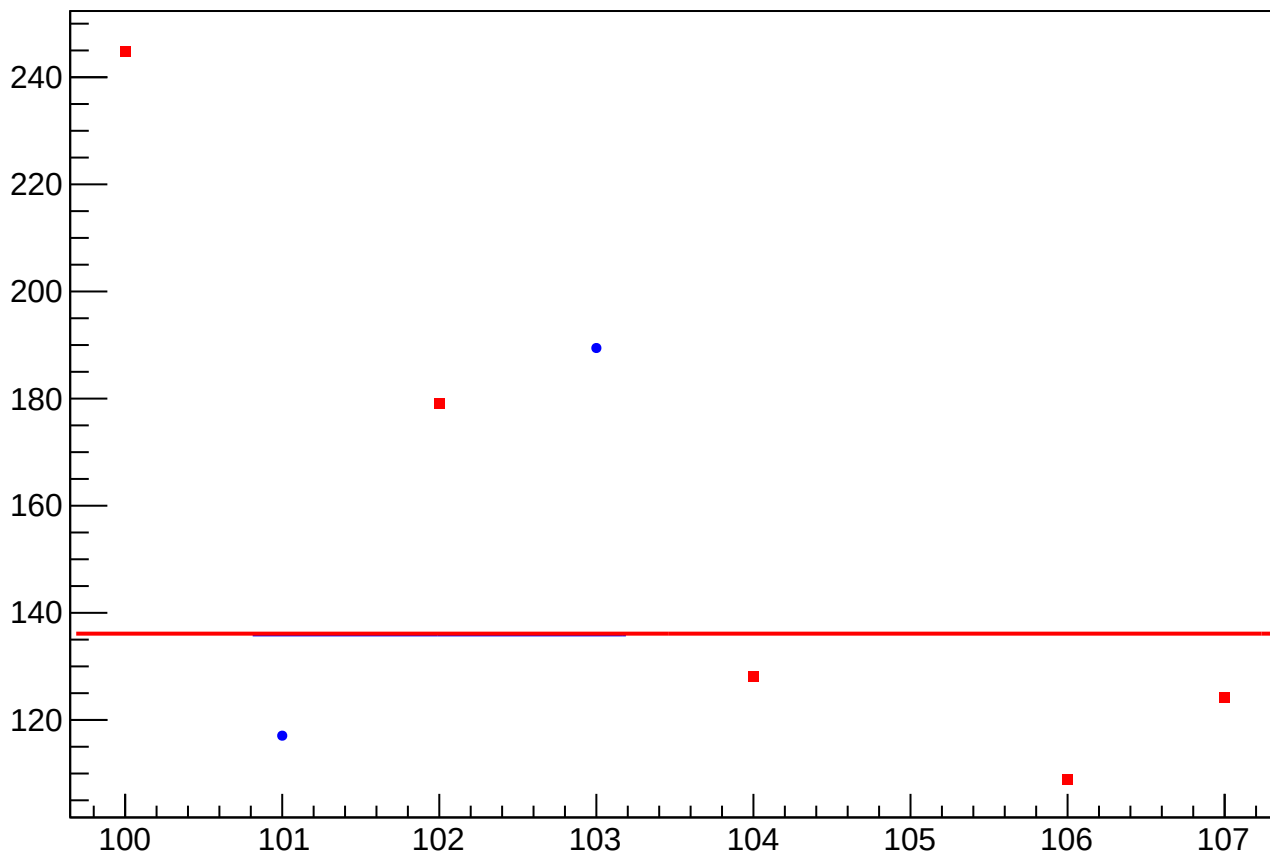
Right: 127.826 $\pm$ 81.904 χ^2 /NDF: 2.2/6

In: 56.848 $\pm$ 125.958 χ^2 /NDF: 0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 127.826 $\pm$ 81.904 χ^2 /NDF: 2.2/6

eigen_cor_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 135.974+/-0.089 χ^2/NDF : 127445.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.114+/-0.076 χ^2/NDF : 139778.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

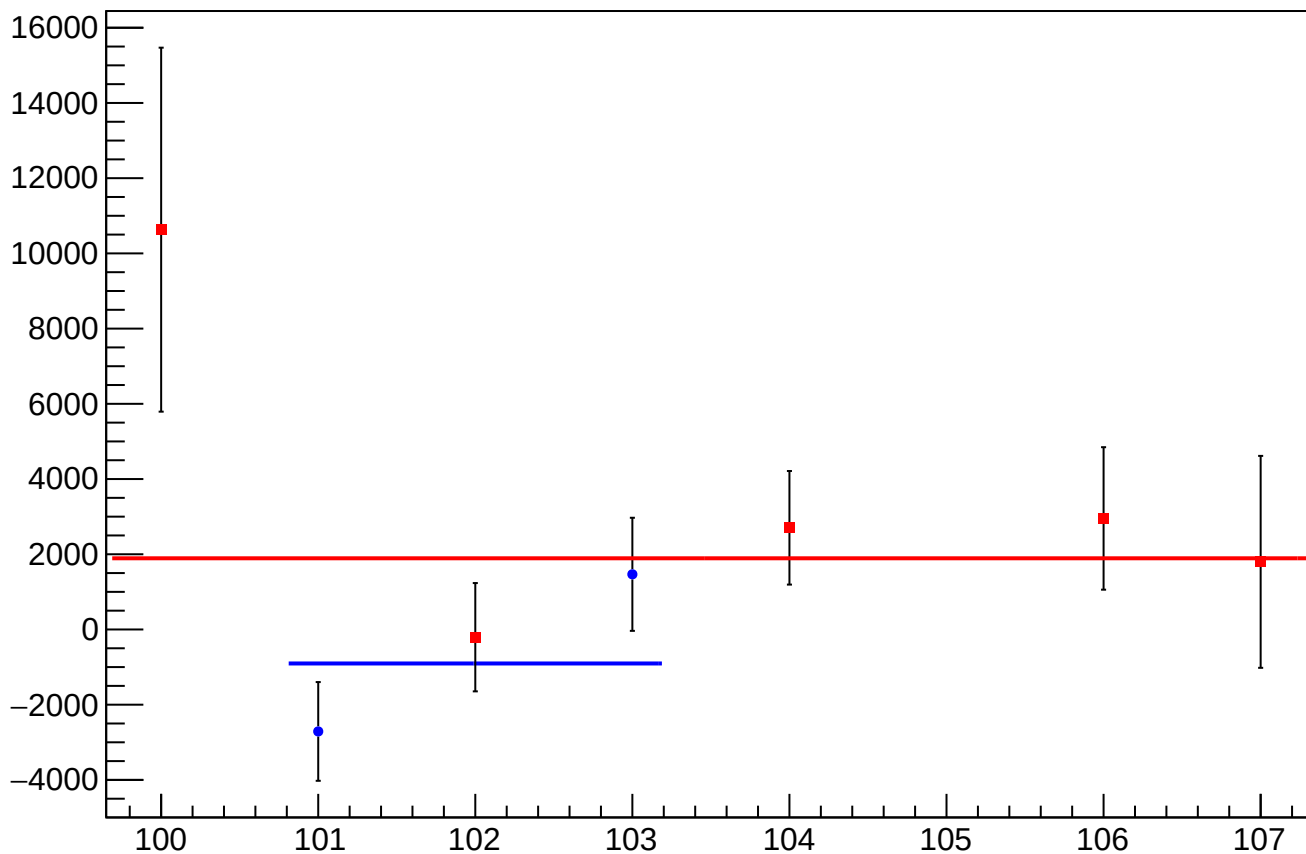
Right: 136.055+/-0.058 χ^2/NDF : 267226.2/6

In: 135.974+/-0.089 χ^2/NDF : 127445.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.055+/-0.058 χ^2/NDF : 267226.2/6

asym_sam_48_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -904.063+/-988.802 χ^2/NDF : 4.4/1

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

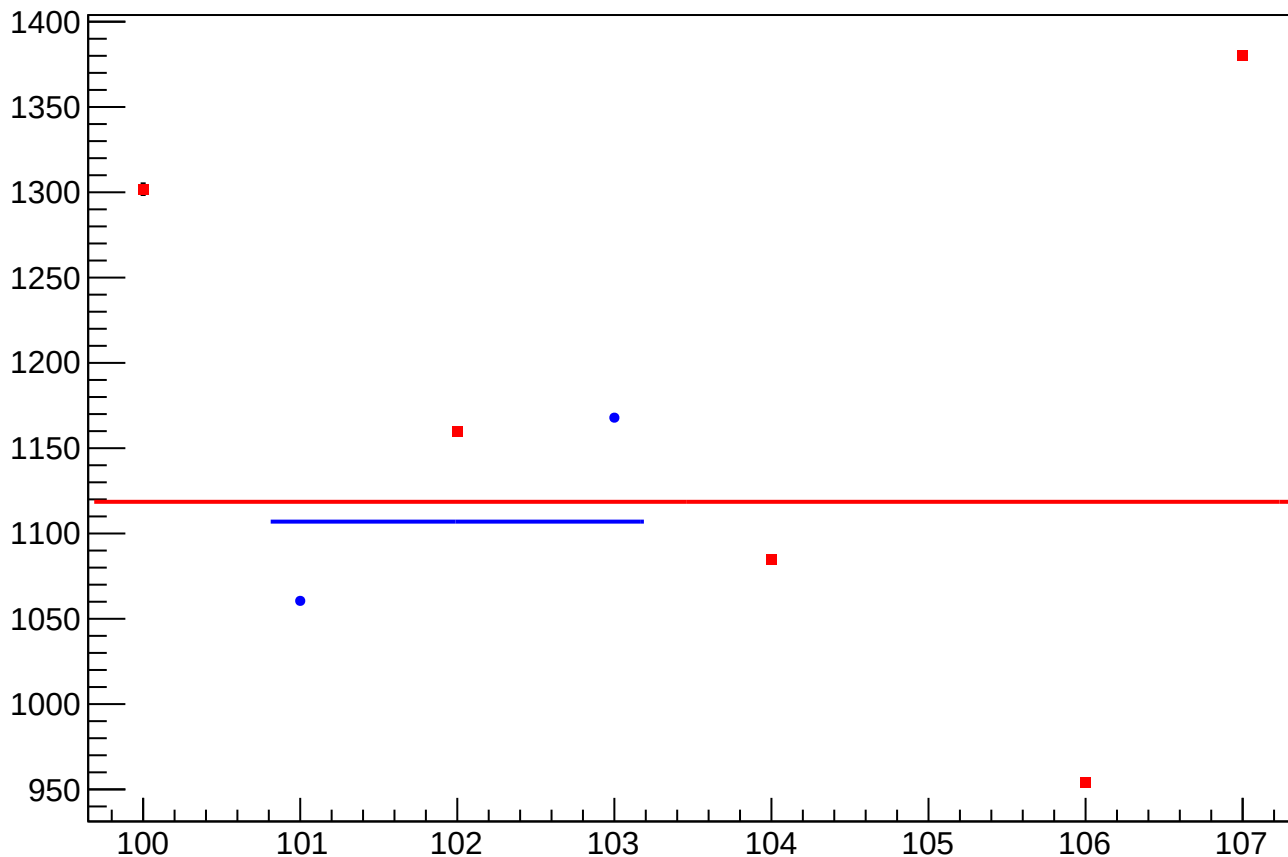
Right: 696.341+/-646.721 χ^2/NDF : 14.9/6

In: -904.063+/-988.802 χ^2/NDF :4.4/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 696.341+/-646.721 χ^2/NDF : 14.9/6

asym_sam_48_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1106.959+/-0.699 χ^2/NDF : 5789.7/1

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

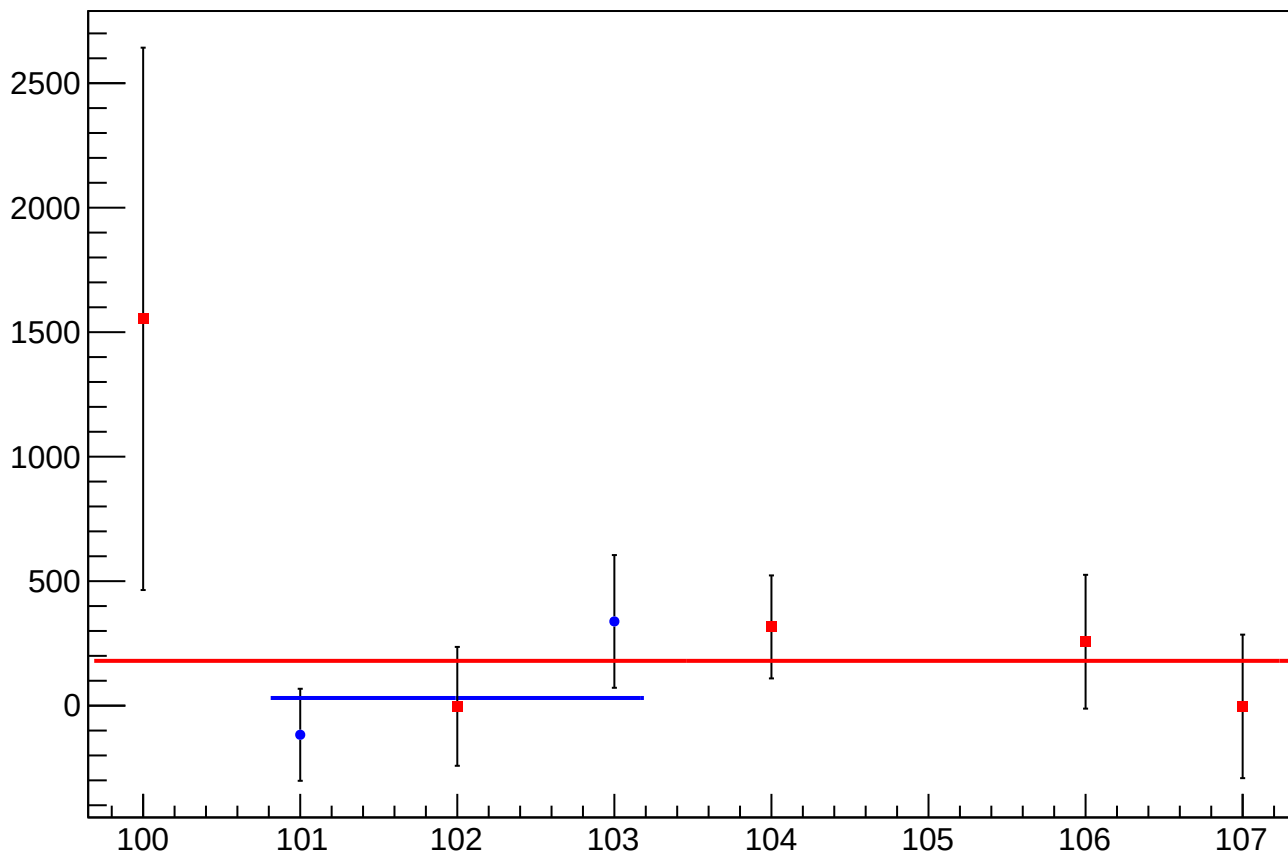
Right: 1113.604+/-0.457 χ^2/NDF : 43831.6/6

In: 1106.959+/-0.699 χ^2/NDF : 5789.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1113.604+/-0.457 χ^2/NDF : 43831.6/6

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 30.812 $\pm$ 151.864 χ^2 /NDF: 2.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 179.940 $\pm$ 121.576 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

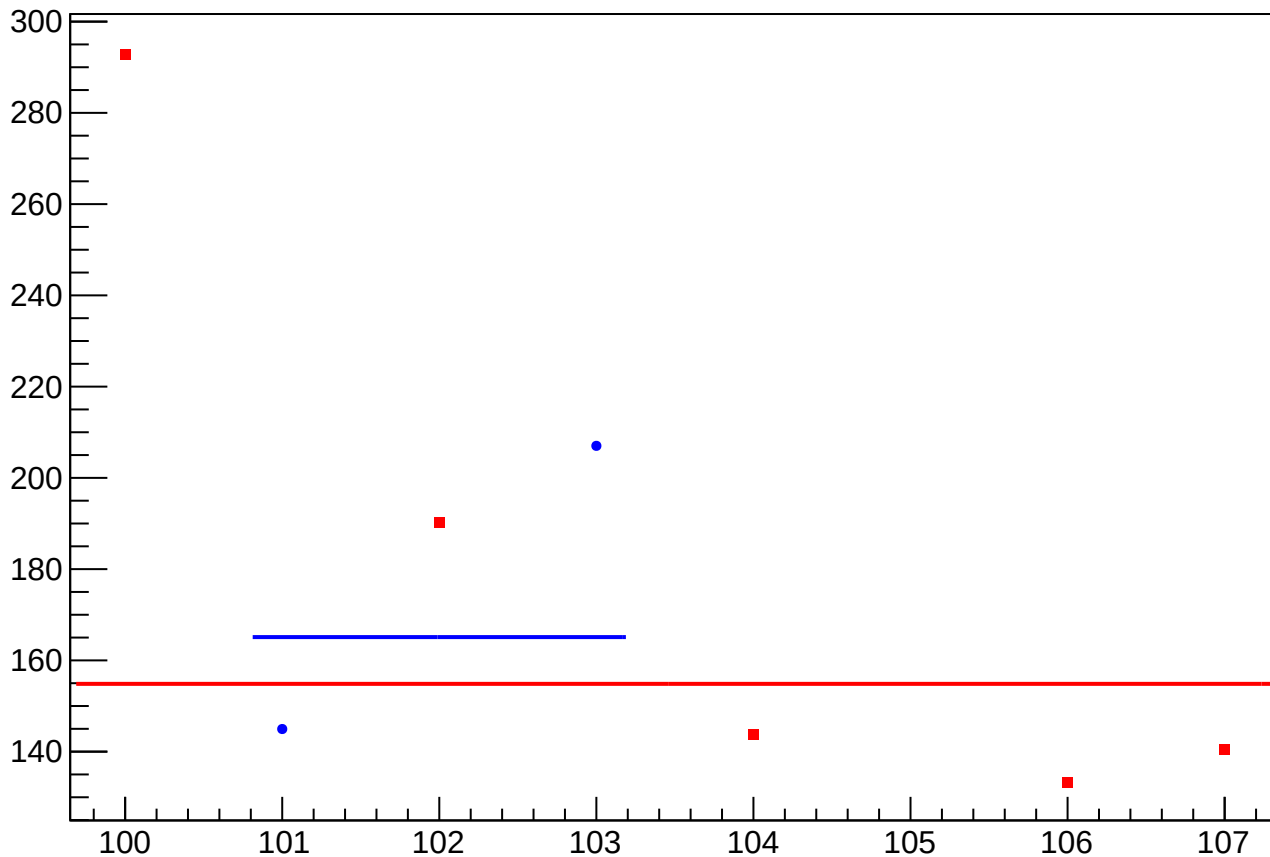
Right: 121.694 $\pm$ 94.909 χ^2 /NDF: 5.7/6

In: 30.812 $\pm$ 151.864 χ^2 /NDF: 2.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 121.694 $\pm$ 94.909 χ^2 /NDF: 5.7/6

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 165.105+/-0.107 χ^2/NDF : 73238.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.856+/-0.086 χ^2/NDF : 99959.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

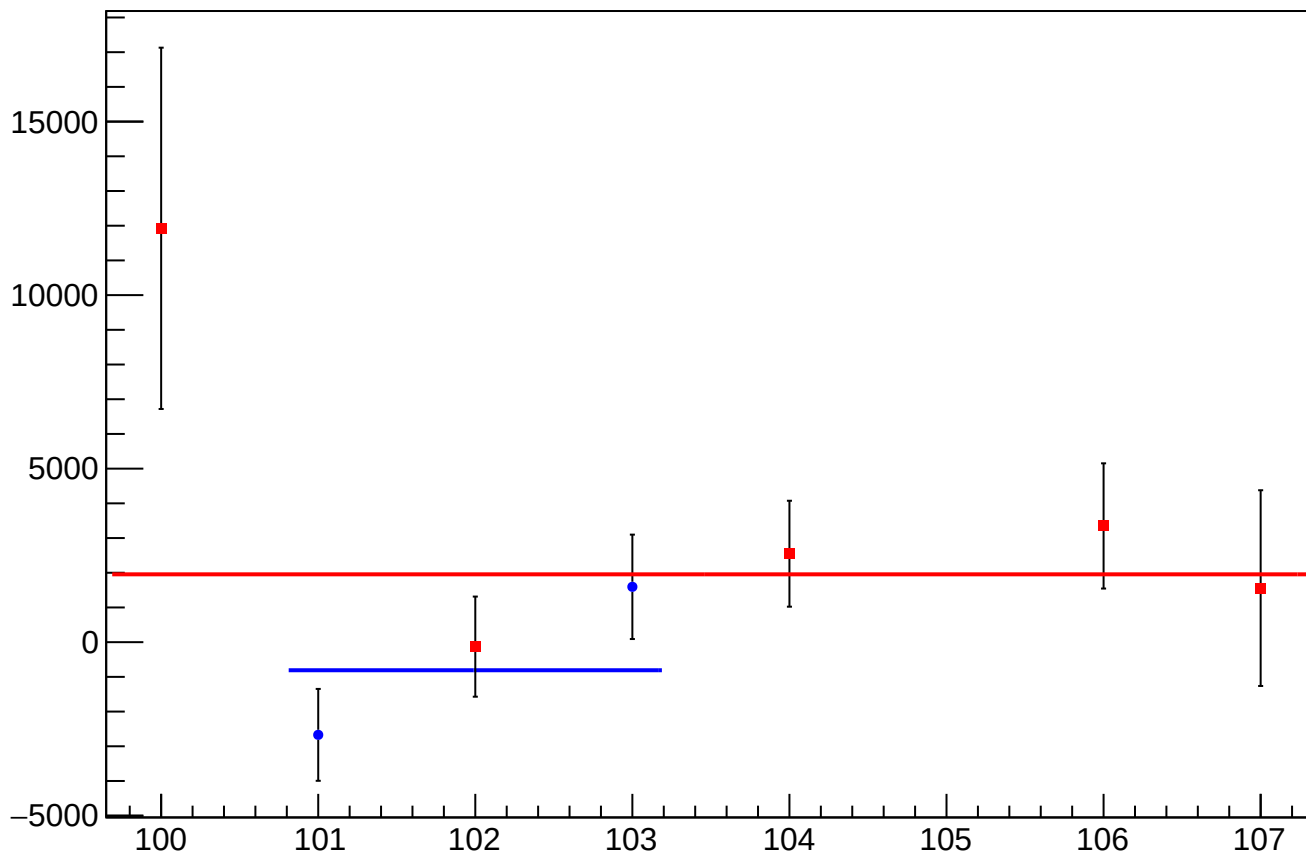
Right: 158.859+/-0.067 χ^2/NDF : 178750.6/6

In: 165.105+/-0.107 χ^2/NDF : 73238.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.859+/-0.067 χ^2/NDF : 178750.6/6

asym_sam_48_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -809.220+/-993.681 χ^2 /NDF: 4.5/1

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

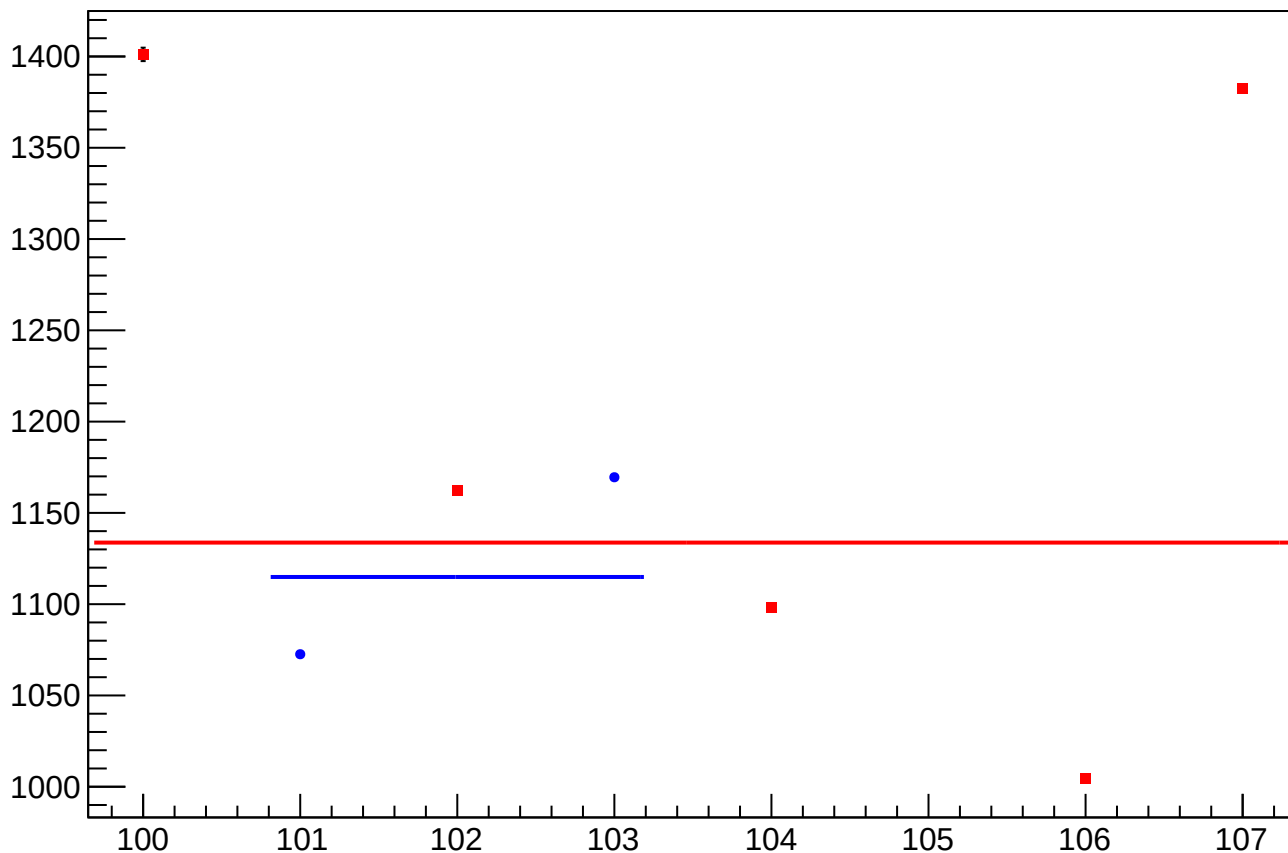
Right: 784.714+/-646.513 χ^2 /NDF: 15.5/6

In: -809.220+/-993.681 χ^2 /NDF:4.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 784.714+/-646.513 χ^2 /NDF: 15.5/6

asym_sam_48_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1114.898 $\pm$ 0.703 χ^2 /NDF: 4681.2/1

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

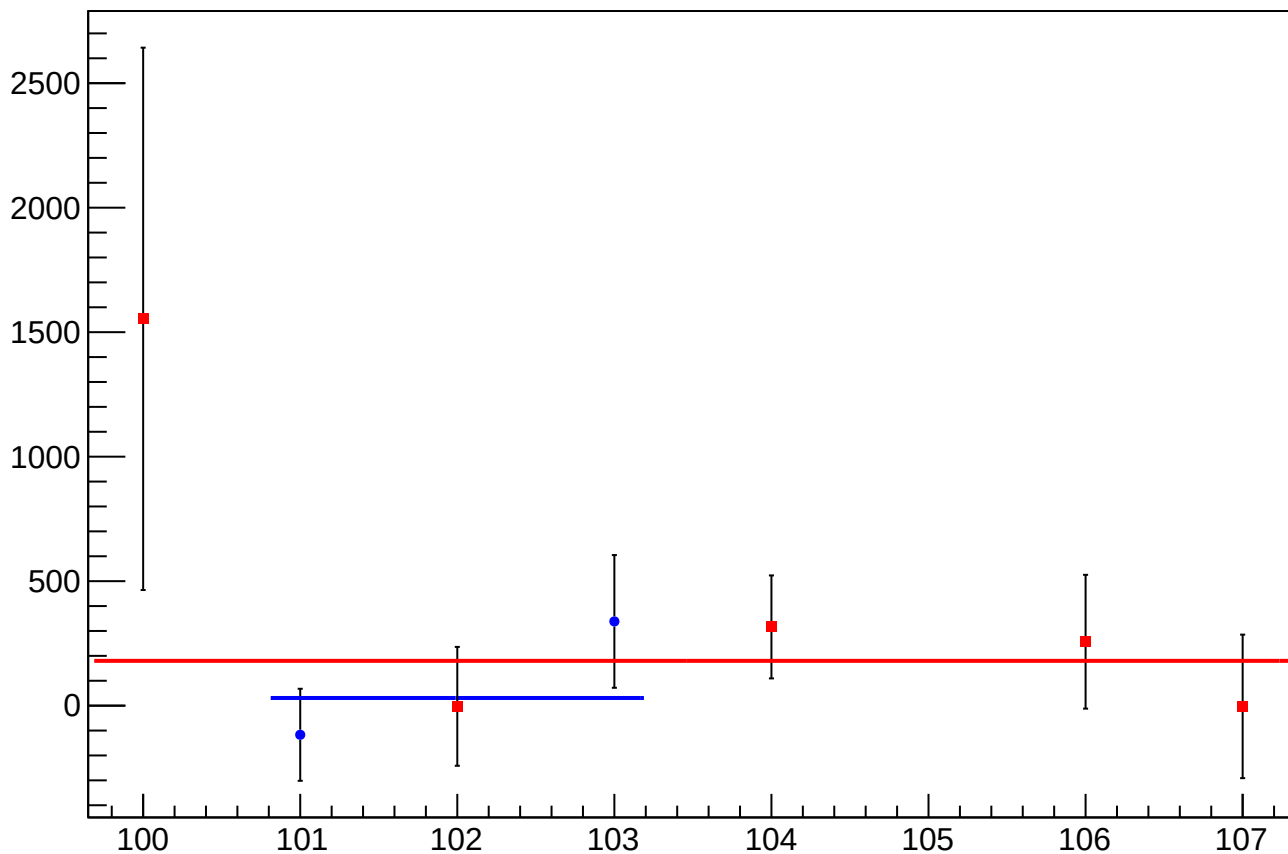
Right: 1125.760 $\pm$ 0.457 χ^2 /NDF: 38052.7/6

In: 1114.898 $\pm$ 0.703 χ^2 /NDF: 4681.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1125.760 $\pm$ 0.457 χ^2 /NDF: 38052.7/6

eigen_dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 30.816+/-151.864 χ^2/NDF : 2.0/1

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

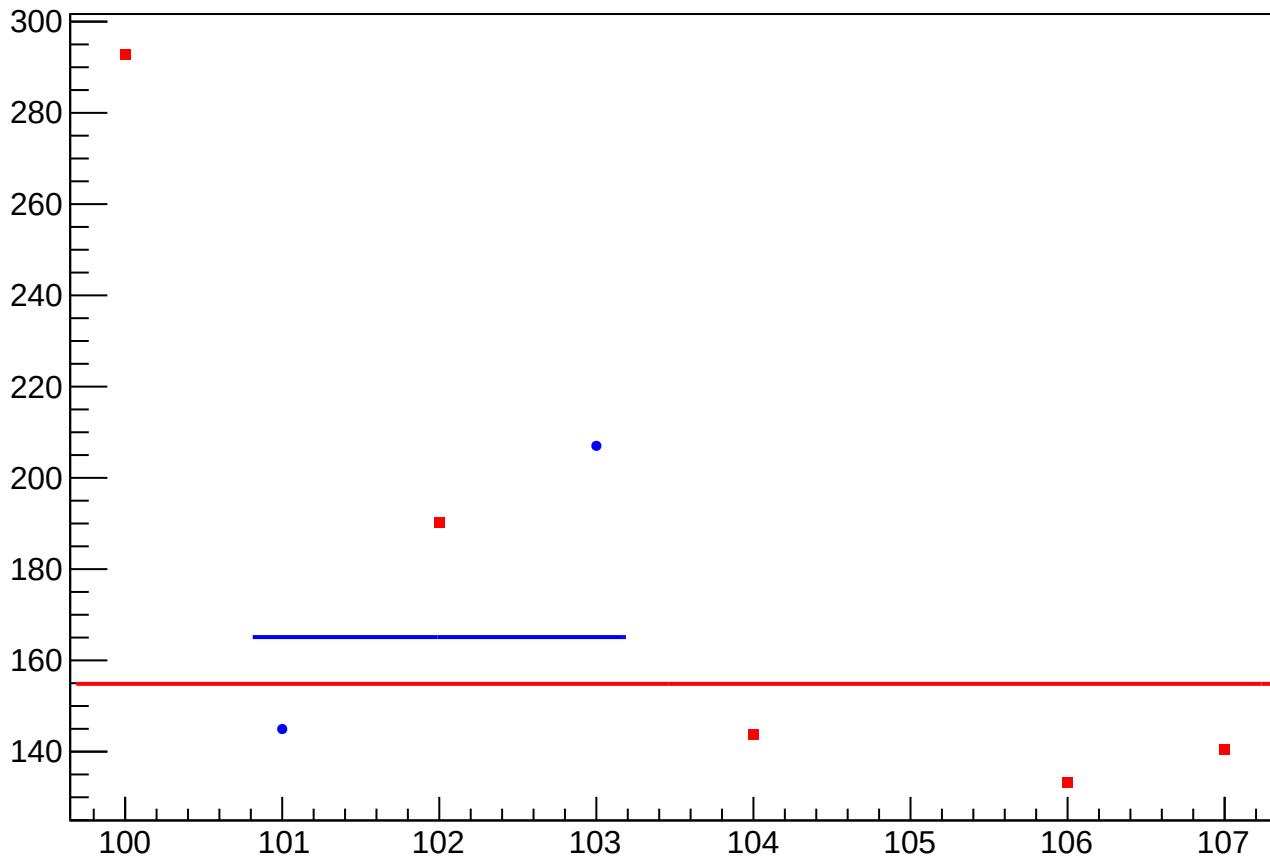
Right: 121.695+/-94.909 χ^2/NDF : 5.7/6

In: 30.816+/-151.864 χ^2/NDF : 2.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.695+/-94.909 χ^2/NDF : 5.7/6

eigen_dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 165.106+/-0.107 χ^2/NDF : 73237.1/1

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

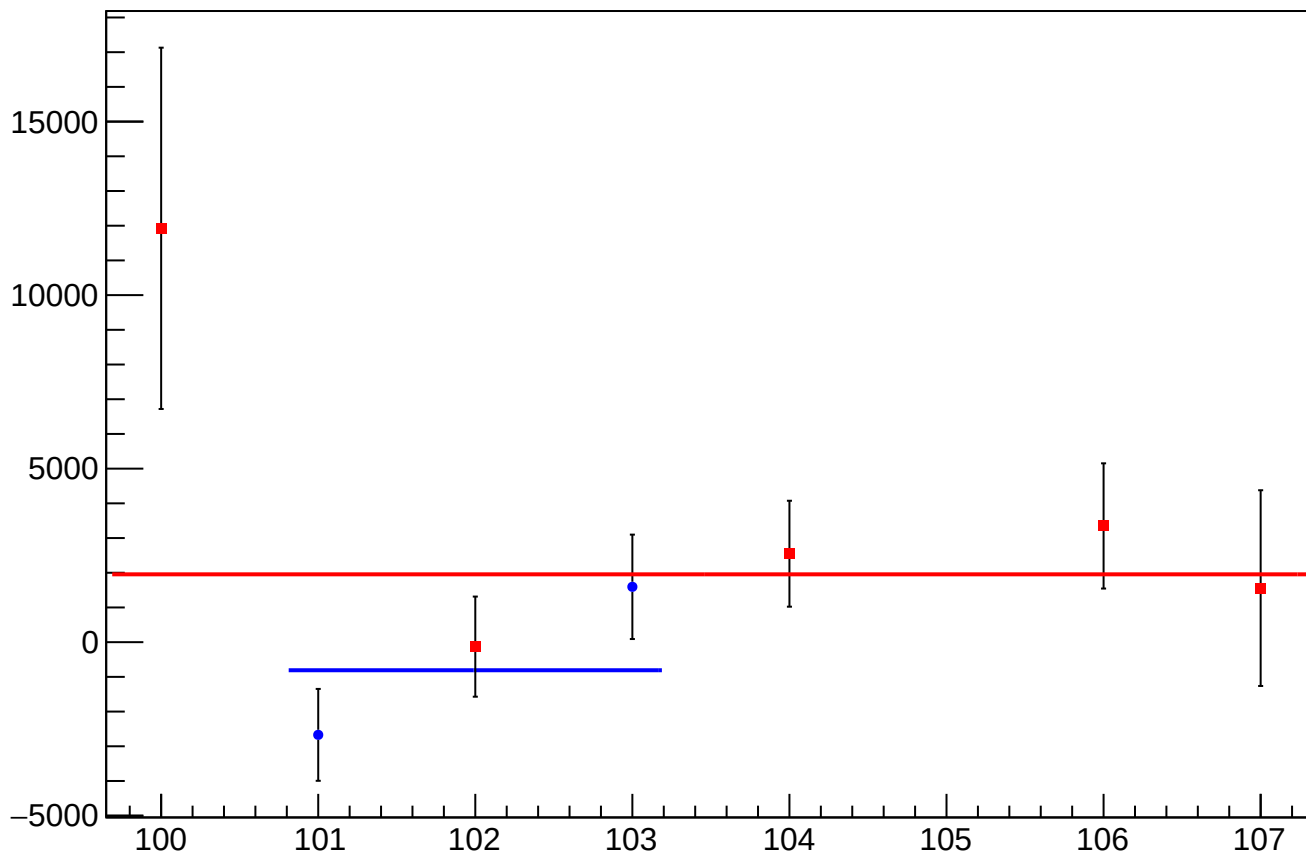
Right: 158.859+/-0.067 χ^2/NDF : 178748.5/6

In: 165.106+/-0.107 χ^2/NDF : 73237.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.859+/-0.067 χ^2/NDF : 178748.5/6

asym_sam_48_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -809.221+/-993.681 χ^2/NDF : 4.5/1

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

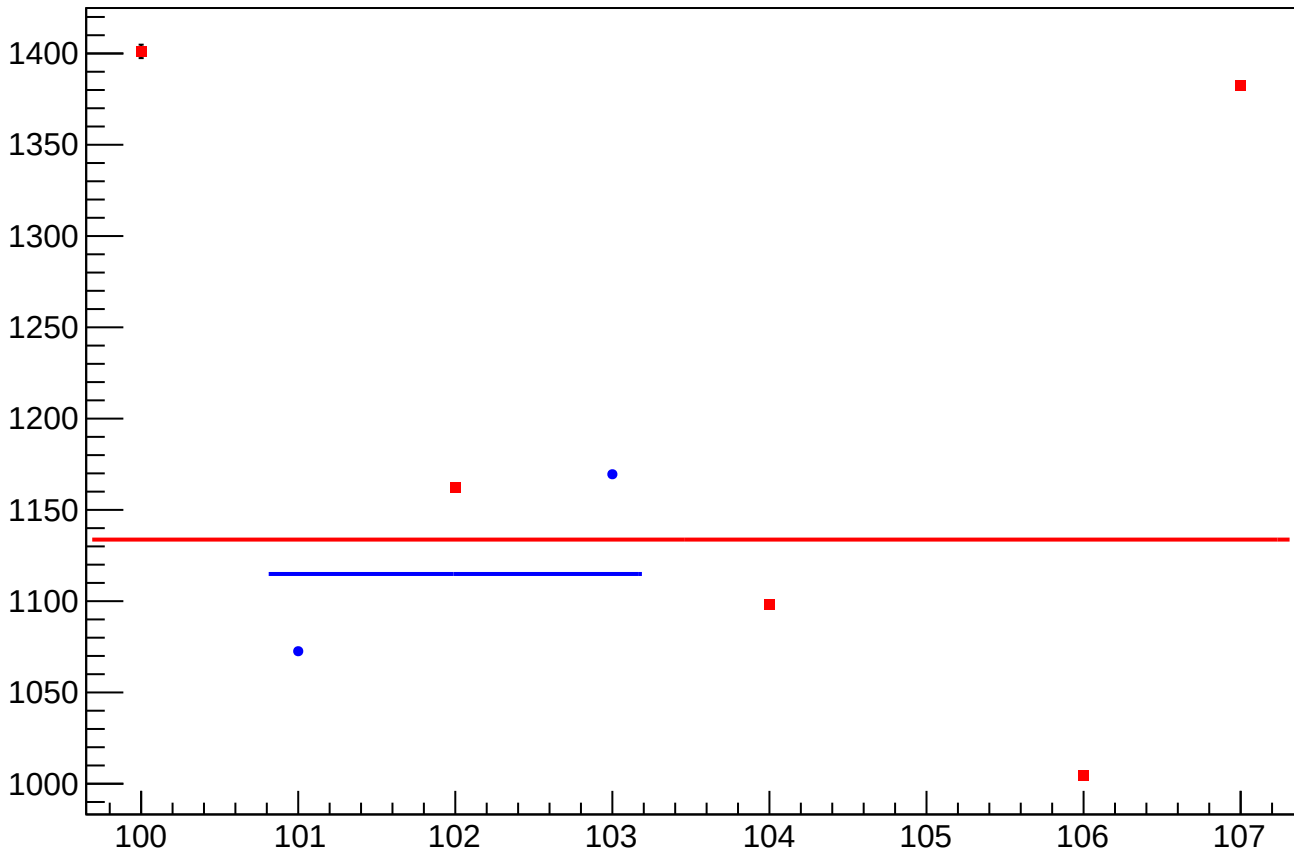
Right: 784.714+/-646.512 χ^2/NDF : 15.5/6

In: -809.221+/-993.681 χ^2/NDF : 4.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 784.714+/-646.512 χ^2/NDF : 15.5/6

asym_sam_48_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1114.897 $\pm$ 0.703 χ^2 /NDF: 4681.3/1

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

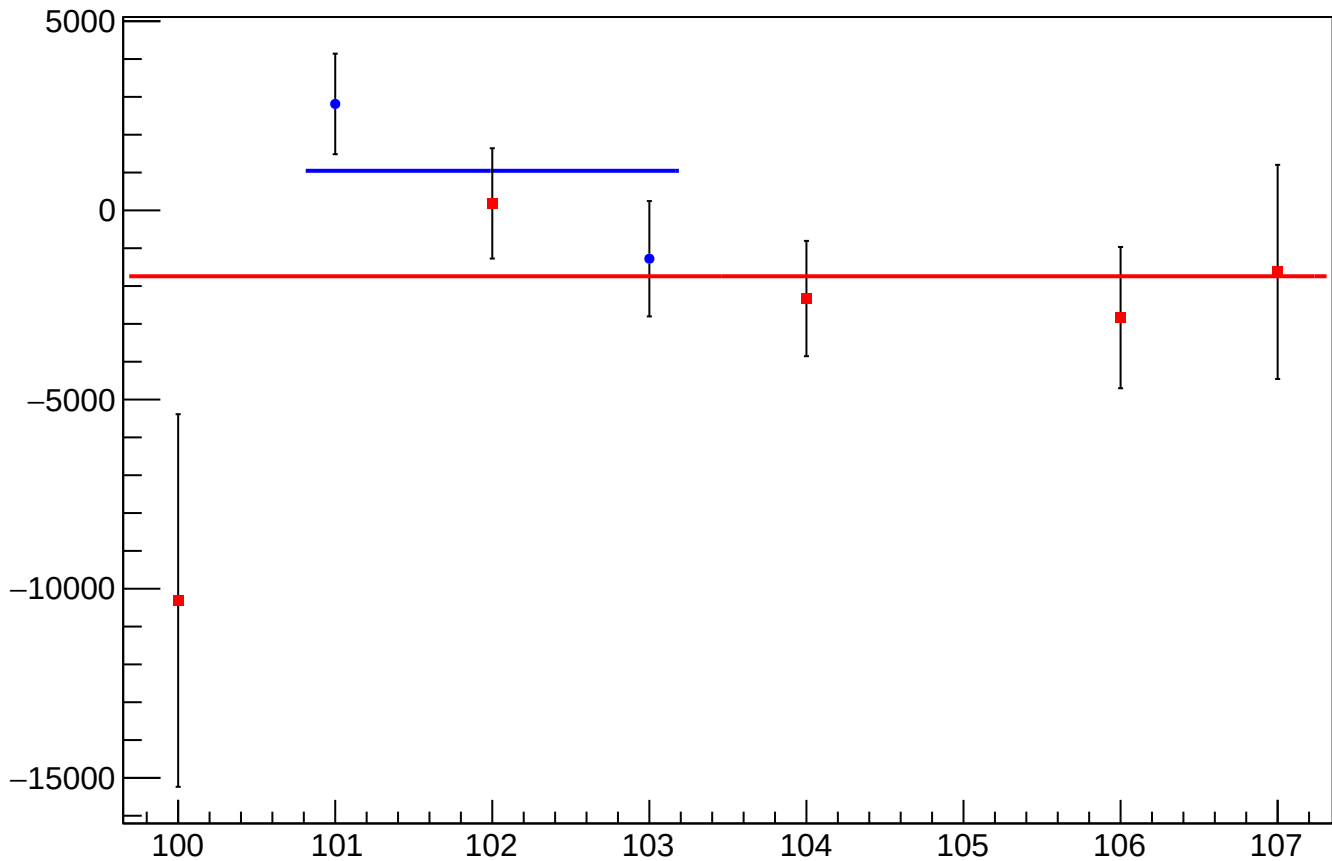
Right: 1125.759 $\pm$ 0.457 χ^2 /NDF: 38053.0/6

In: 1114.897 $\pm$ 0.703 χ^2 /NDF:4681.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1125.759 $\pm$ 0.457 χ^2 /NDF: 38053.0/6

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 1046.360+/-1001.640 χ^2/NDF : 4.1/1

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

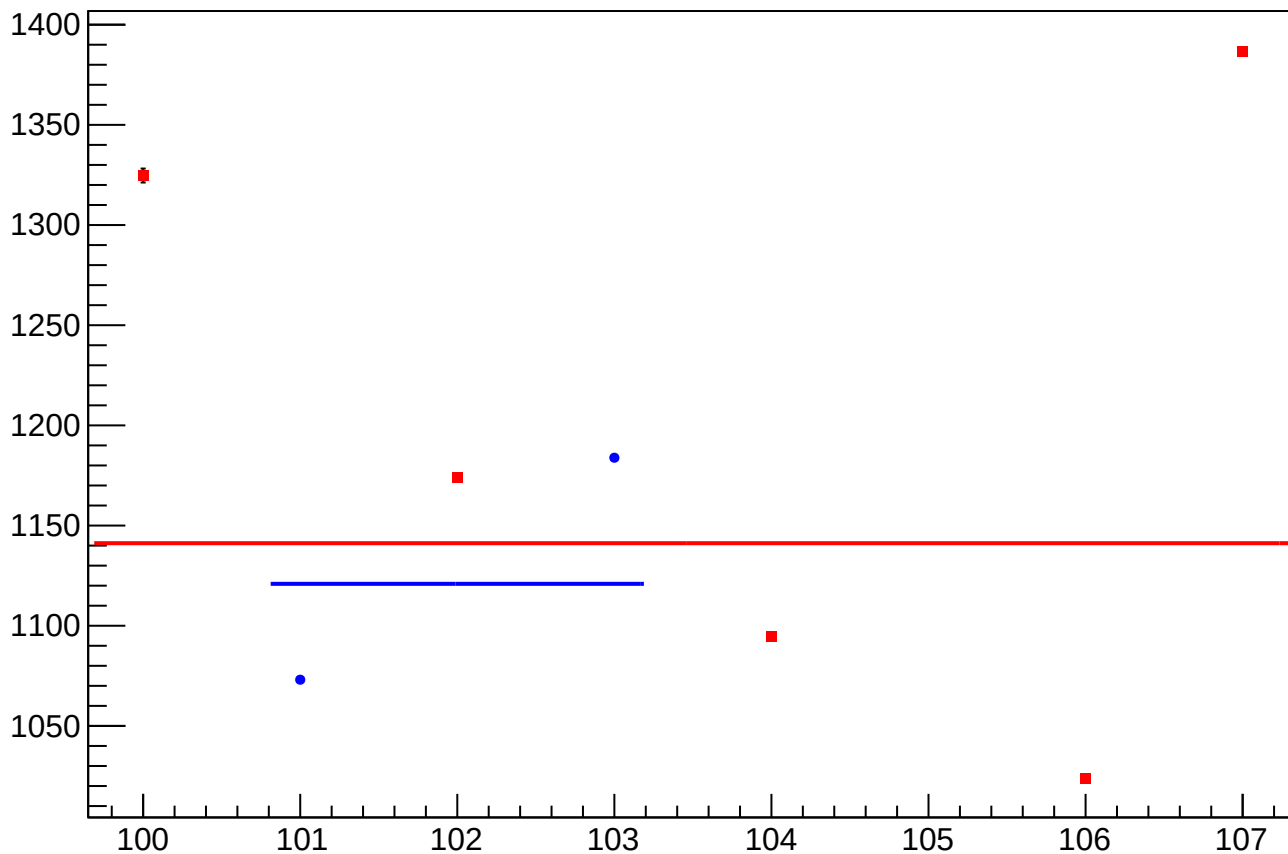
Right: -559.276+/-652.232 χ^2/NDF : 13.8/6

In: 1046.360+/-1001.640 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -559.276+/-652.232 χ^2/NDF : 13.8/6

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1120.915 $\pm$ 0.708 χ^2 /NDF: 6004.4/1

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

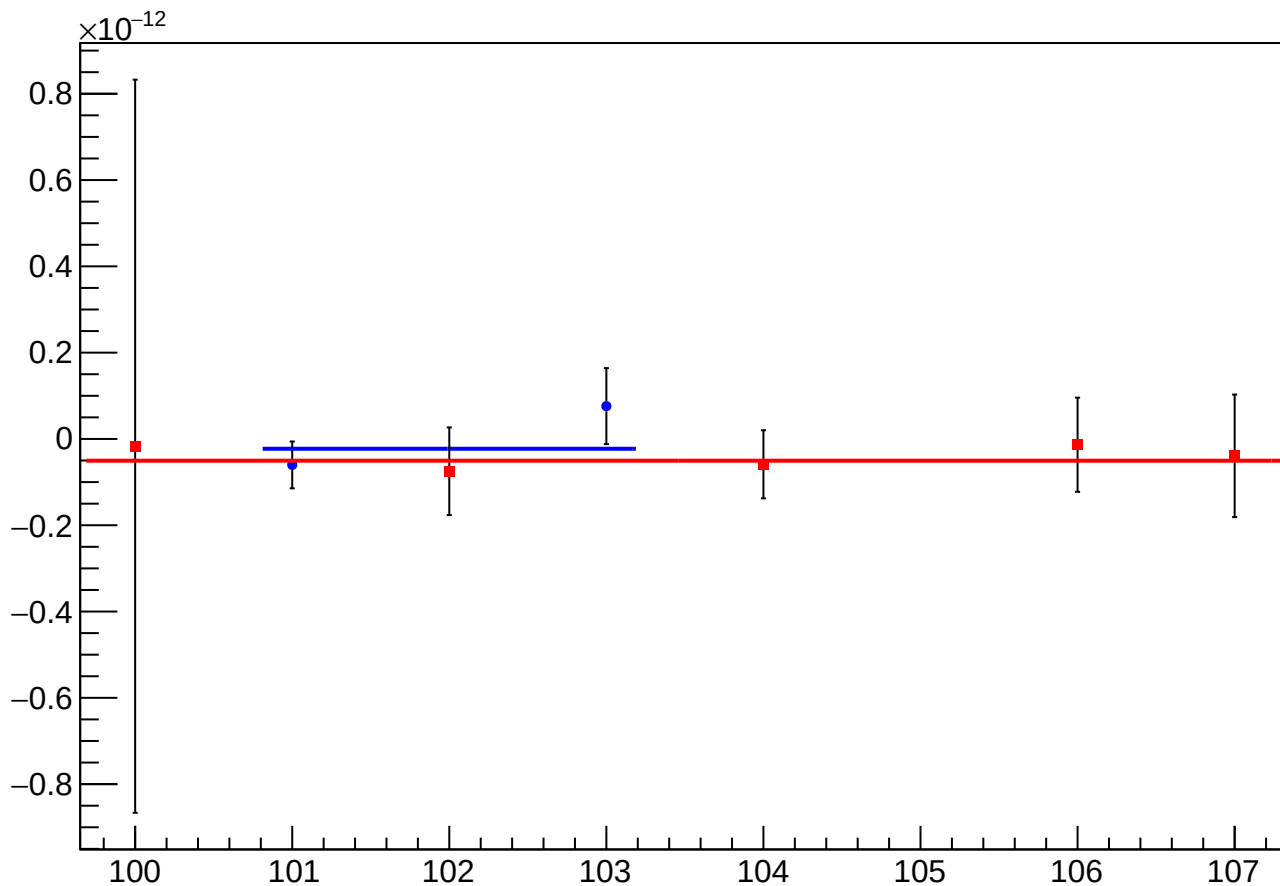
Right: 1132.599 $\pm$ 0.461 χ^2 /NDF: 35061.6/6

In: 1120.915 $\pm$ 0.708 χ^2 /NDF:6004.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1132.599 $\pm$ 0.461 χ^2 /NDF: 35061.6/6

asym_sam_48_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 1.7/1

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

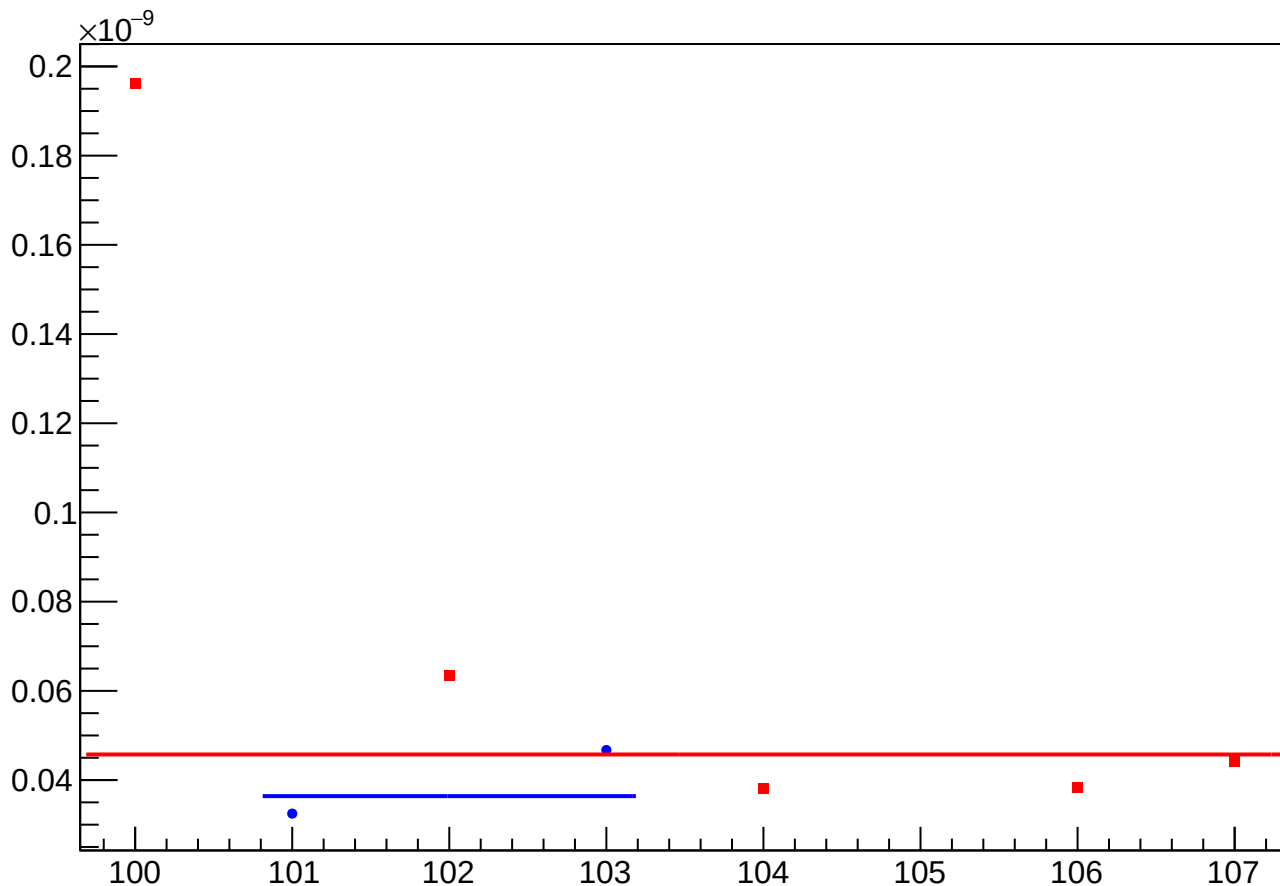
Right: -0.000+/-0.000 χ^2 /NDF: 2.1/6

In: -0.000+/-0.000 χ^2 /NDF:1.7/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 2.1/6

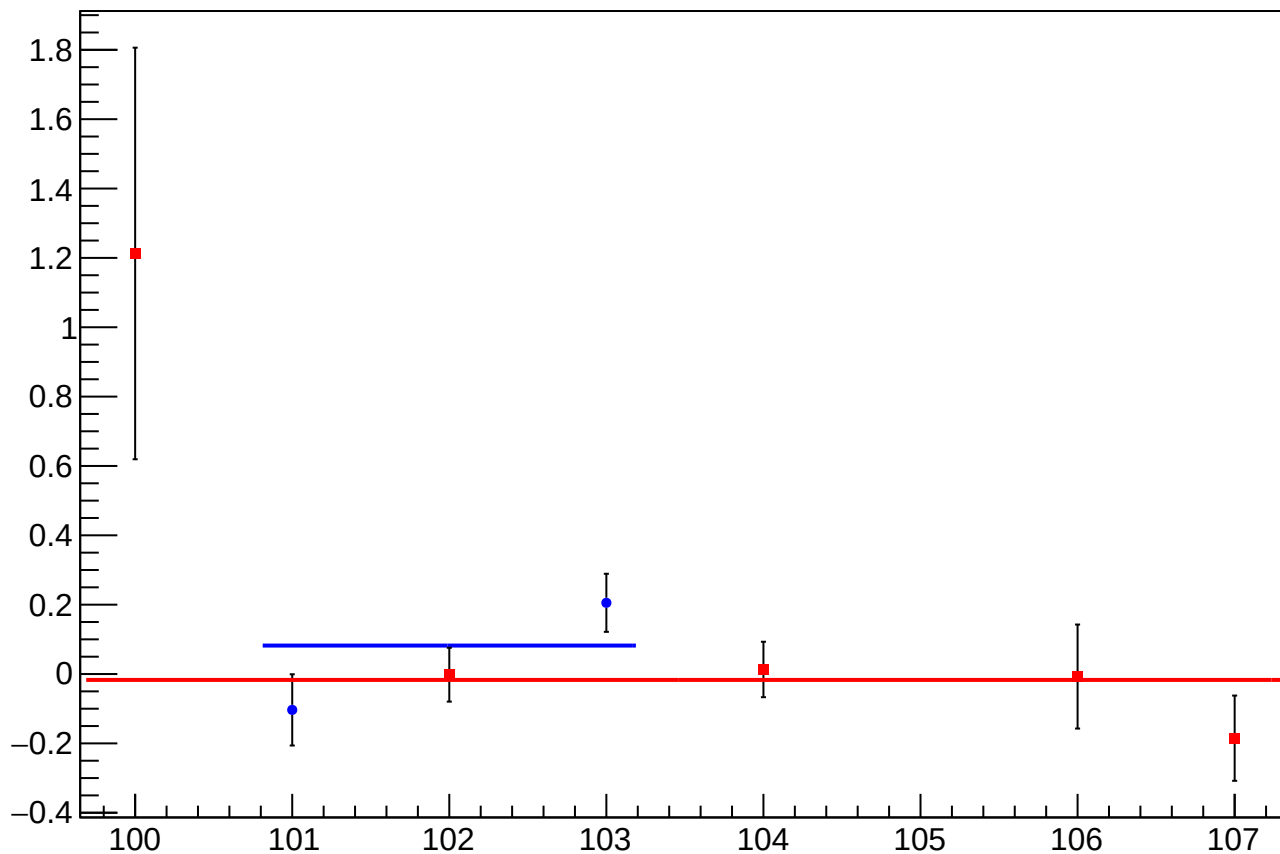
asym_sam_48_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 37971.6/1
 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 : 227456.5/6
 In: 0.000+/-0.000 χ^2/NDF : 37971.6/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 227456.5/6

asym_sam_48_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.082+/-0.065 χ^2/NDF : 5.4/1

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

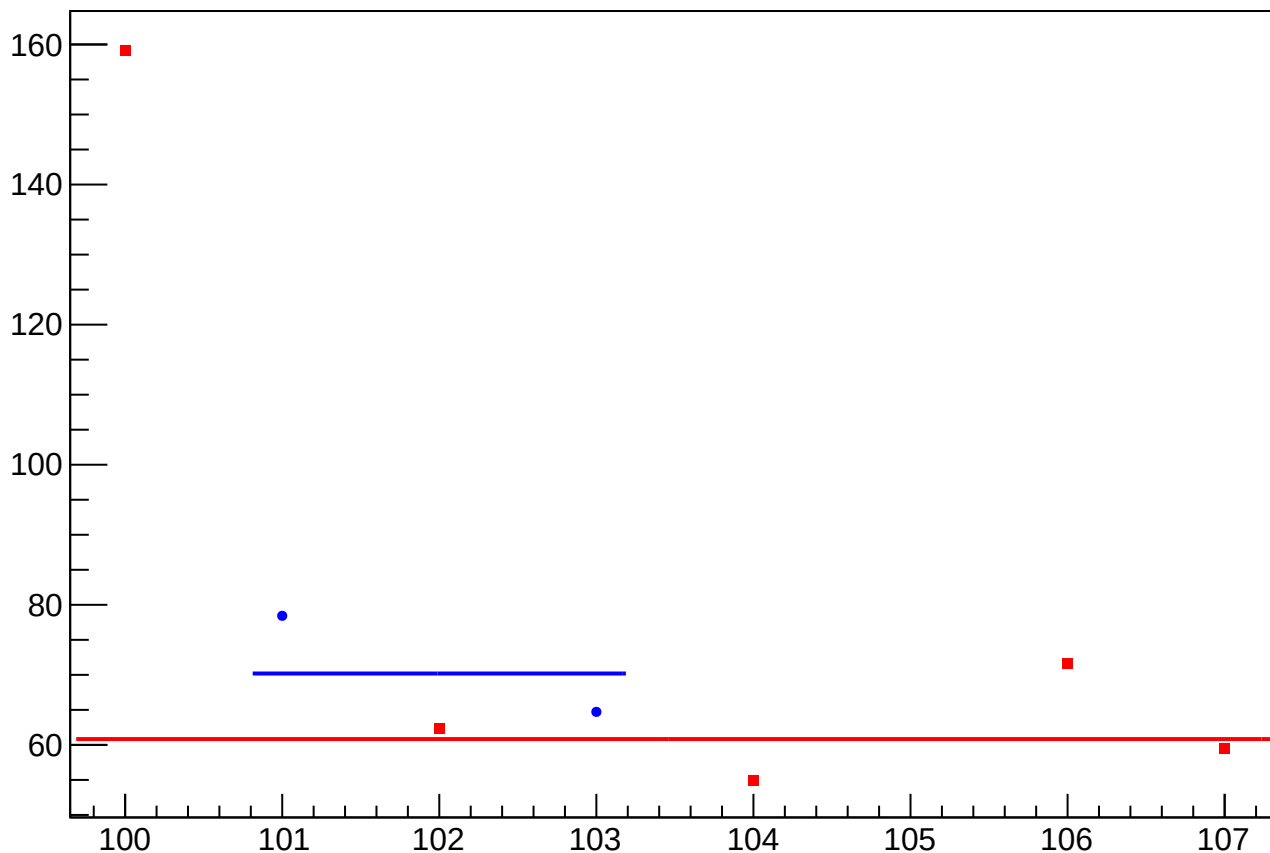
Right: 0.018+/-0.039 χ^2/NDF : 13.3/6

In: 0.082+/-0.065 χ^2/NDF : 5.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.039 χ^2/NDF : 13.3/6

asym_sam_48_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.191 $\pm$ 0.046 χ^2 /NDF: 21425.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 60.834 $\pm$ 0.034 χ^2 /NDF: 77172.3/4

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

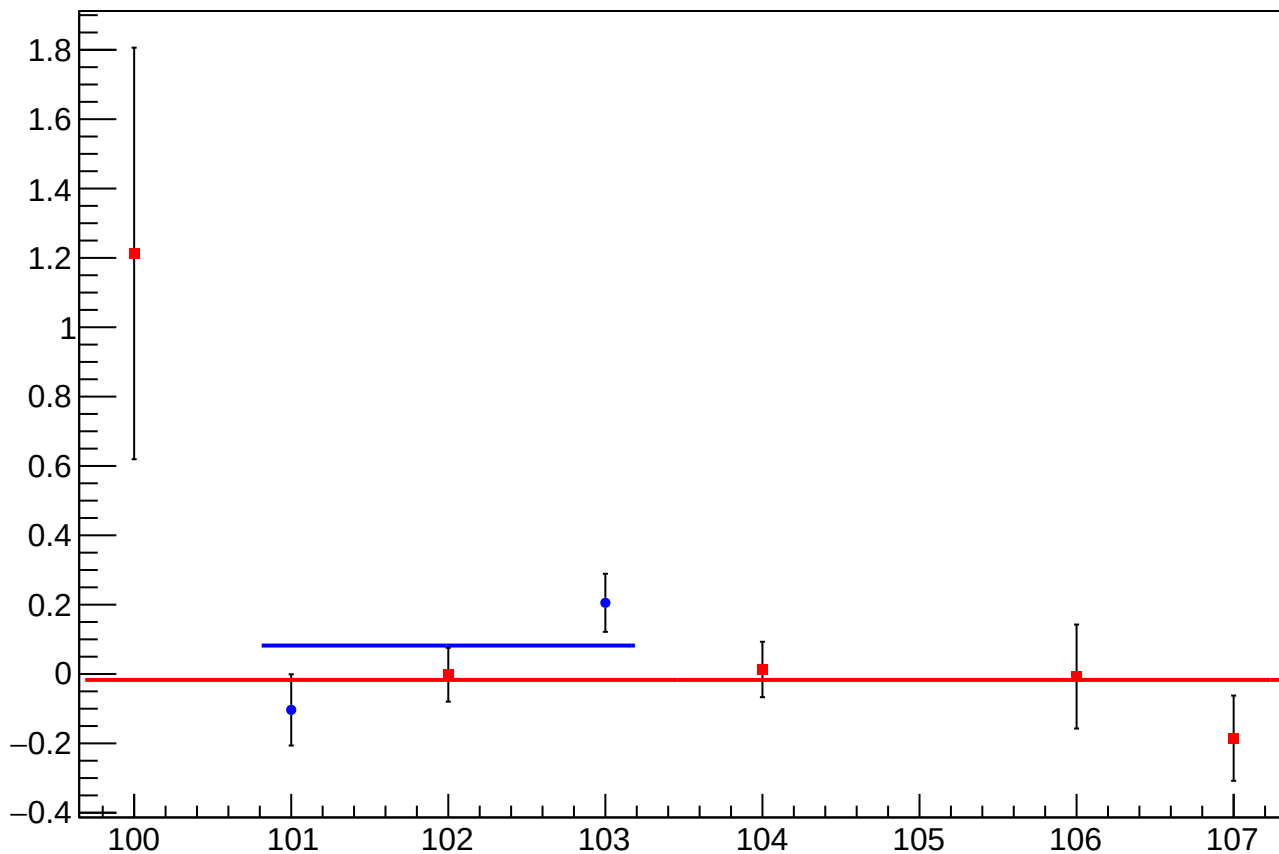
Right: 64.134 $\pm$ 0.027 χ^2 /NDF: 125506.7/6

In: 70.191 $\pm$ 0.046 χ^2 /NDF:21425.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 64.134 $\pm$ 0.027 χ^2 /NDF: 125506.7/6

asym_sam_48_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.082+/-0.065 χ^2/NDF : 5.4/1

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

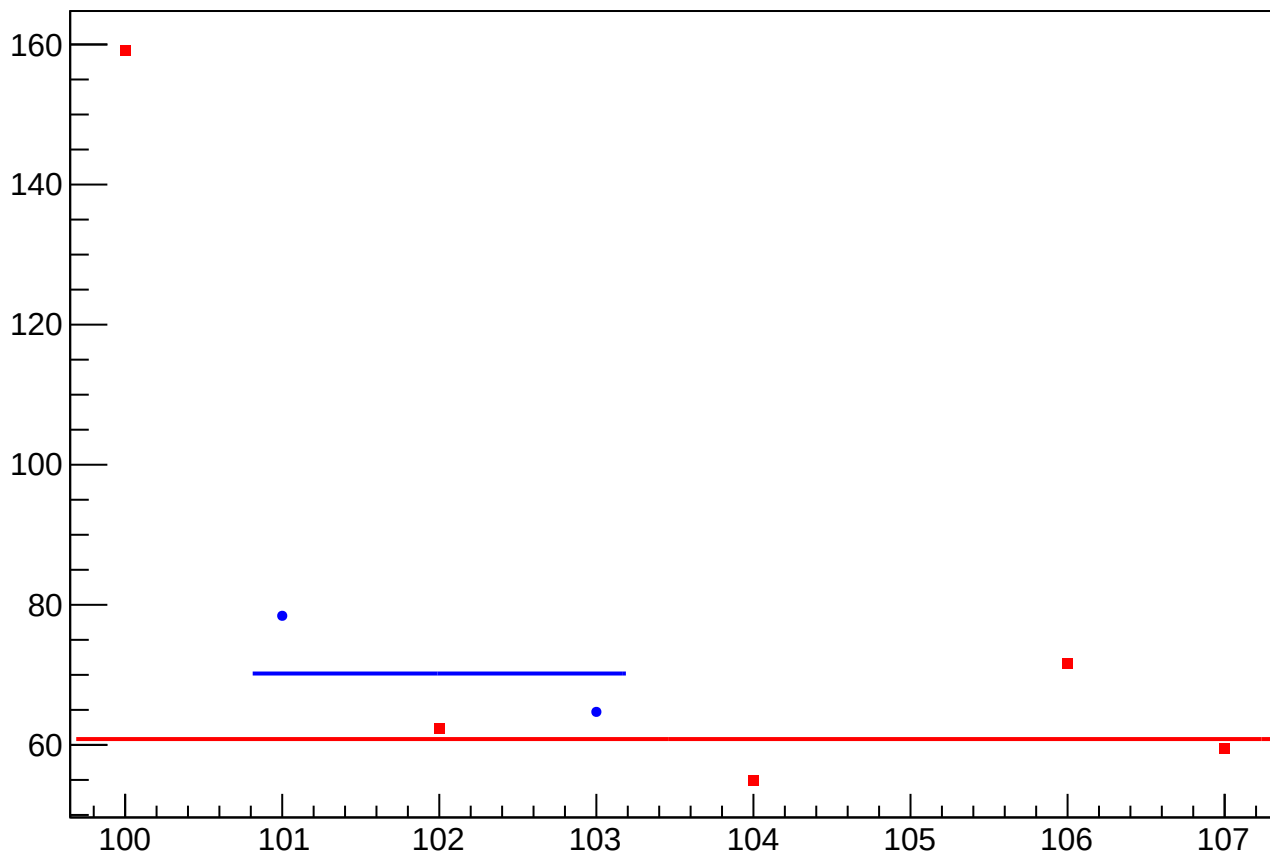
Right: 0.018+/-0.039 χ^2/NDF : 13.3/6

In: 0.082+/-0.065 χ^2/NDF : 5.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.039 χ^2/NDF : 13.3/6

asym_sam_48_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.191+/-0.046 χ^2/NDF : 21425.1/1

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

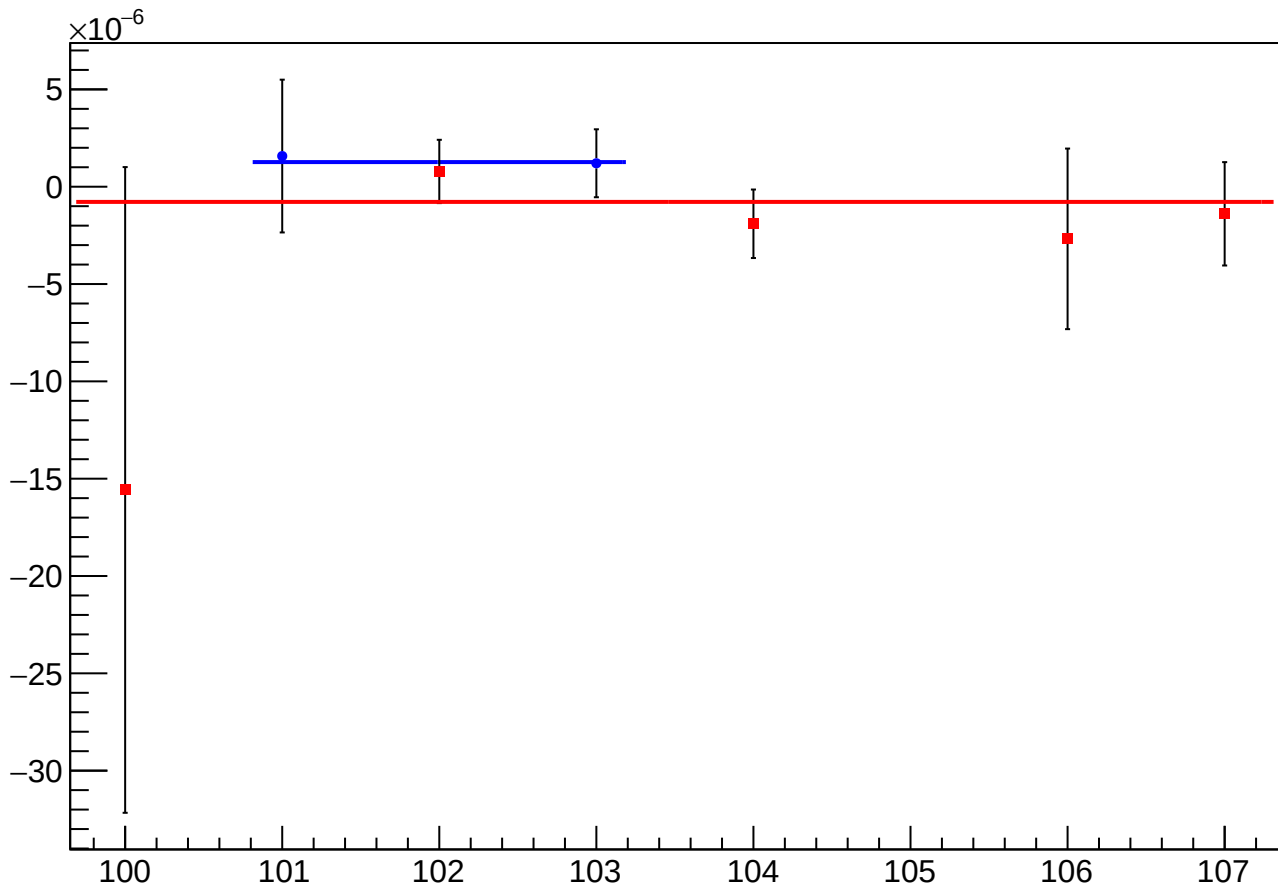
Right: 64.134+/-0.027 χ^2/NDF : 125506.7/6

In: 70.191+/-0.046 χ^2/NDF : 21425.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.134+/-0.027 χ^2/NDF : 125506.7/6

asym_sam_48_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/1

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

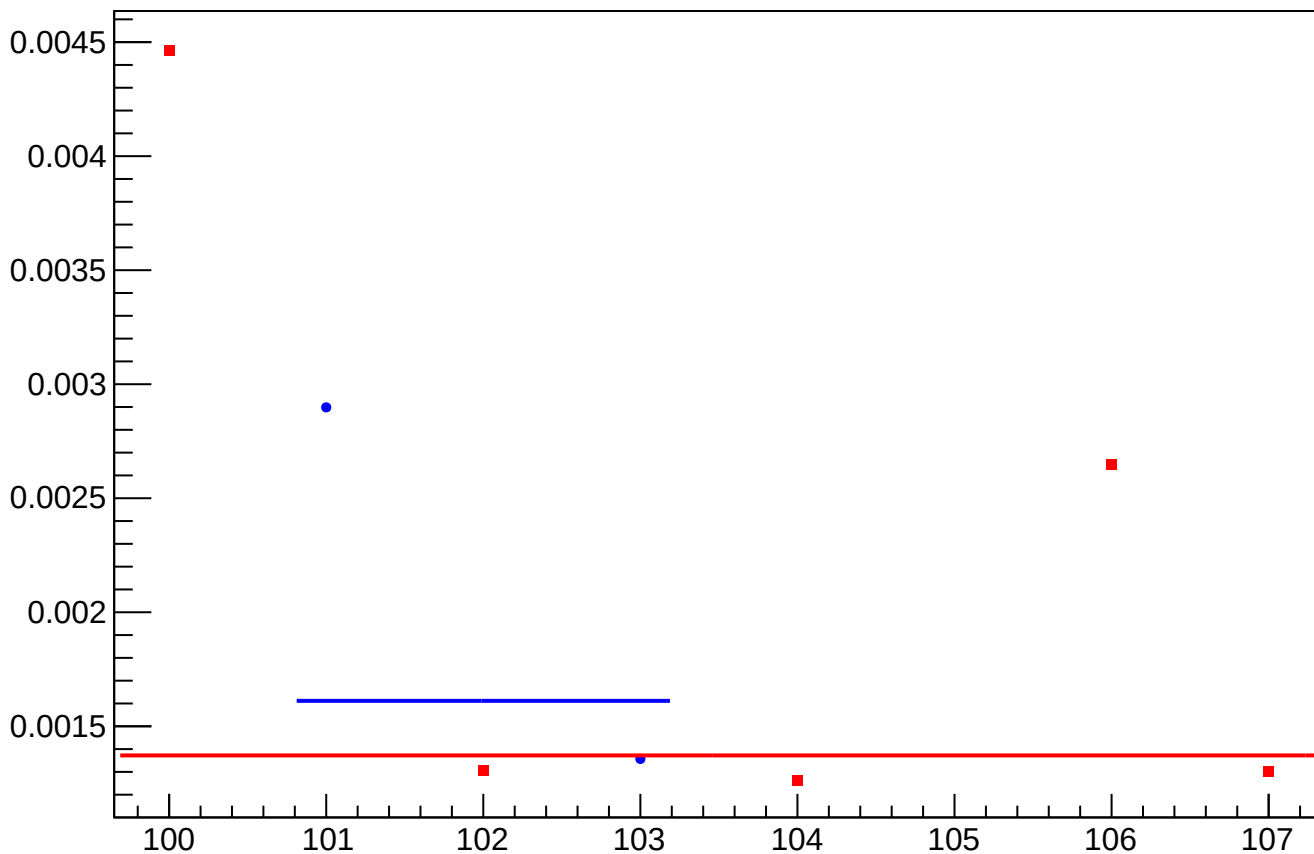
Right: -0.000+/-0.000 χ^2/NDF : 3.5/6

In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.5/6

asym_sam_48_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 257605.6/1

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

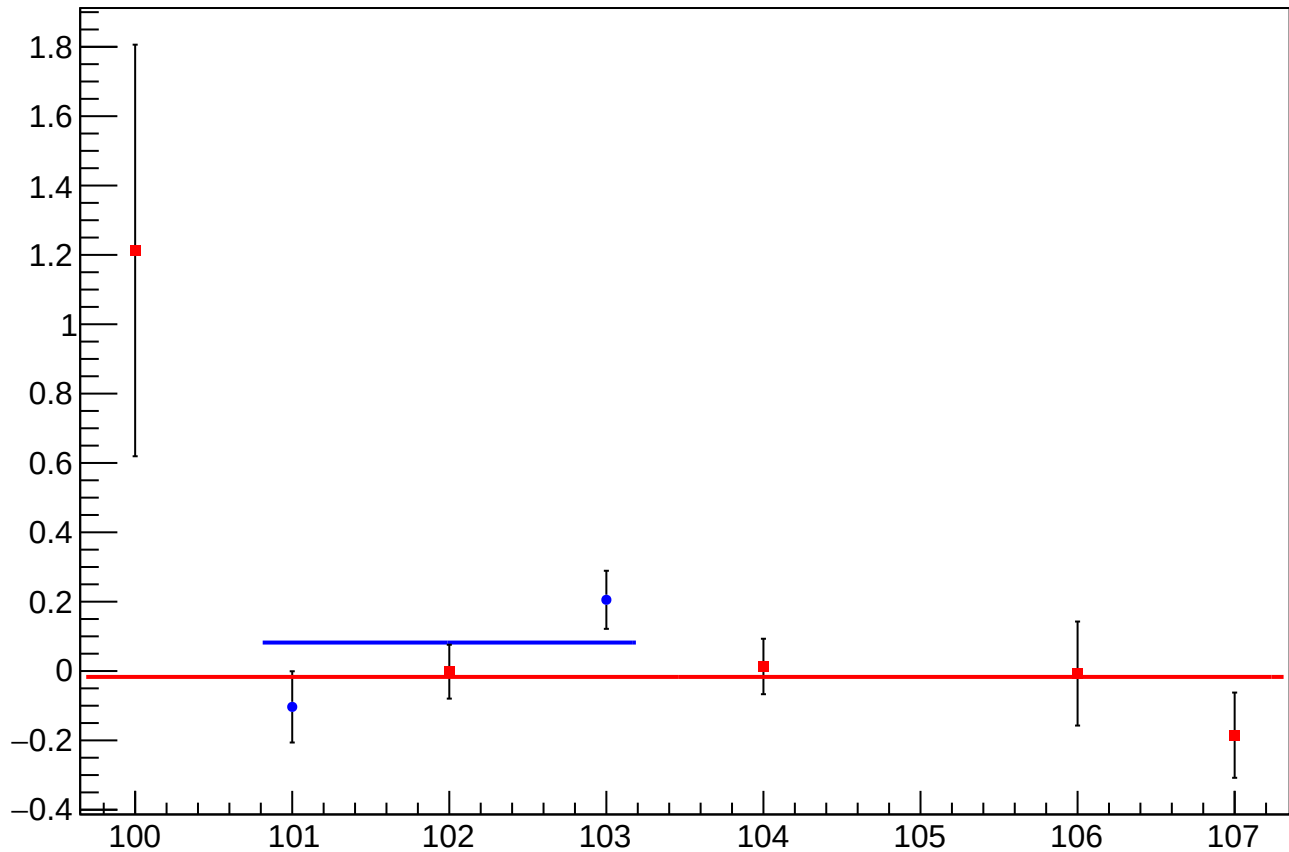
Right: 0.001+/-0.000 χ^2/NDF : 521846.9/6

In: 0.002+/-0.000 χ^2/NDF : 257605.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 521846.9/6

asym_sam_48_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.082 $\pm$ 0.065 χ^2 /NDF: 5.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.017 $\pm$ 0.048 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

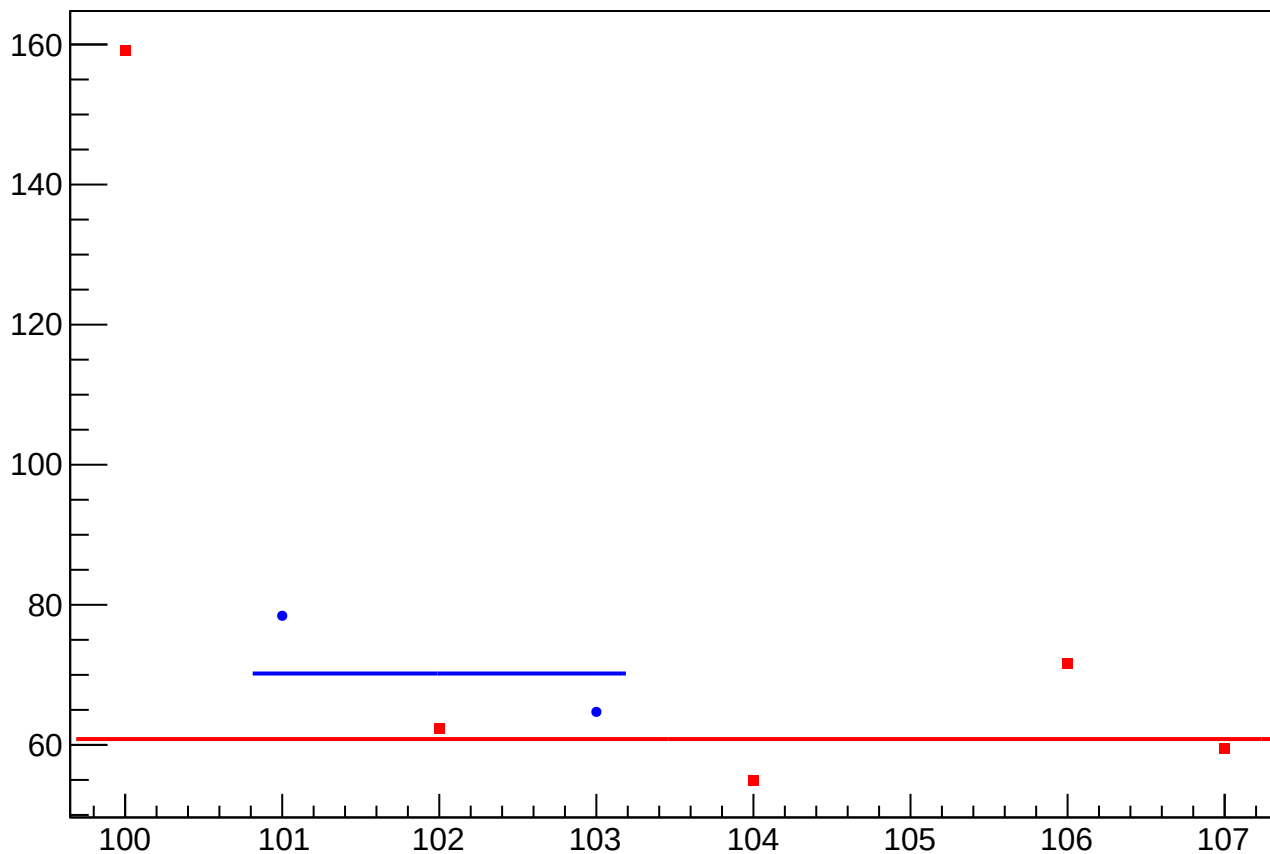
Right: 0.018 $\pm$ 0.039 χ^2 /NDF: 13.3/6

In: 0.082 $\pm$ 0.065 χ^2 /NDF:5.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.018 $\pm$ 0.039 χ^2 /NDF: 13.3/6

asym_sam_48_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.192+/-0.046 χ^2/NDF : 21427.6/1

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

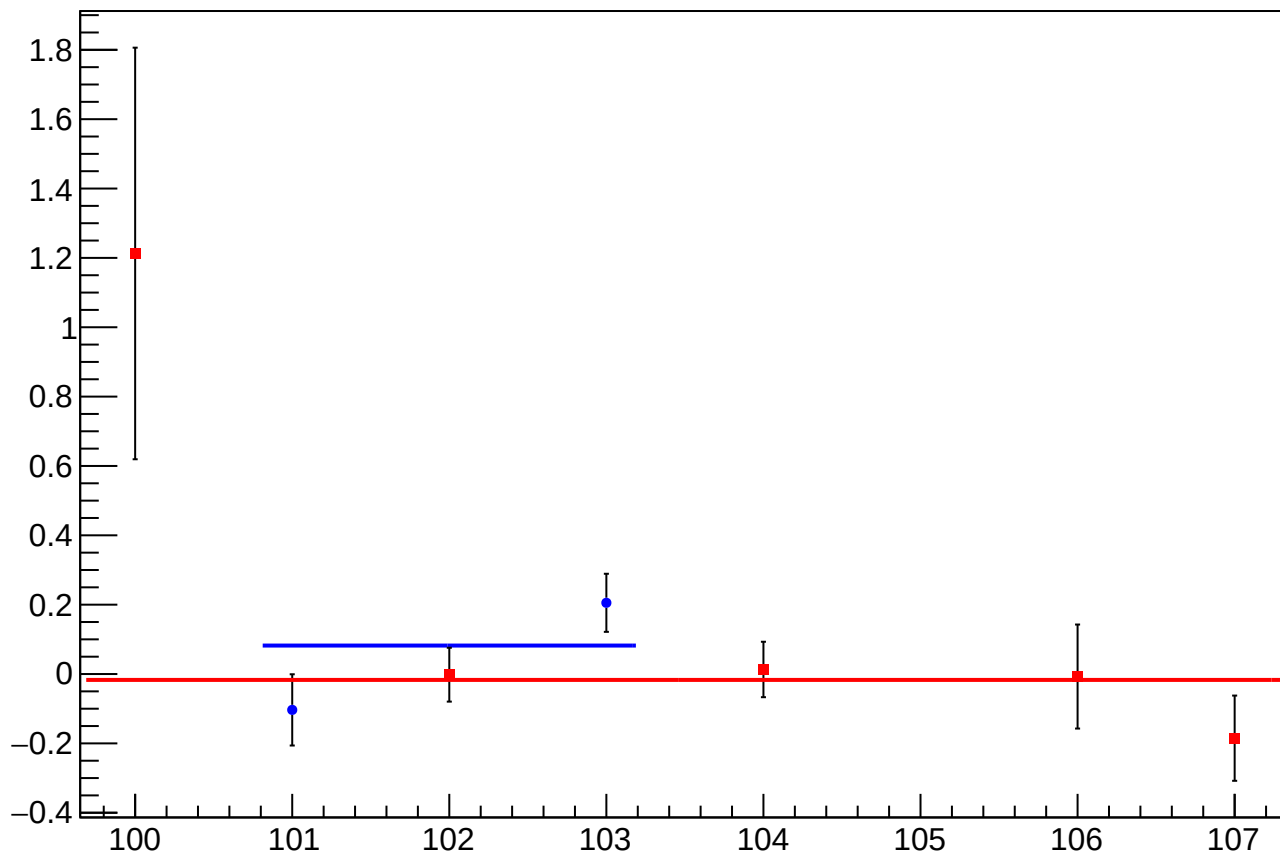
Right: 64.134+/-0.027 χ^2/NDF : 125511.3/6

In: 70.192+/-0.046 χ^2/NDF : 21427.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.134+/-0.027 χ^2/NDF : 125511.3/6

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.082+/-0.065 χ^2/NDF : 5.4/1

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

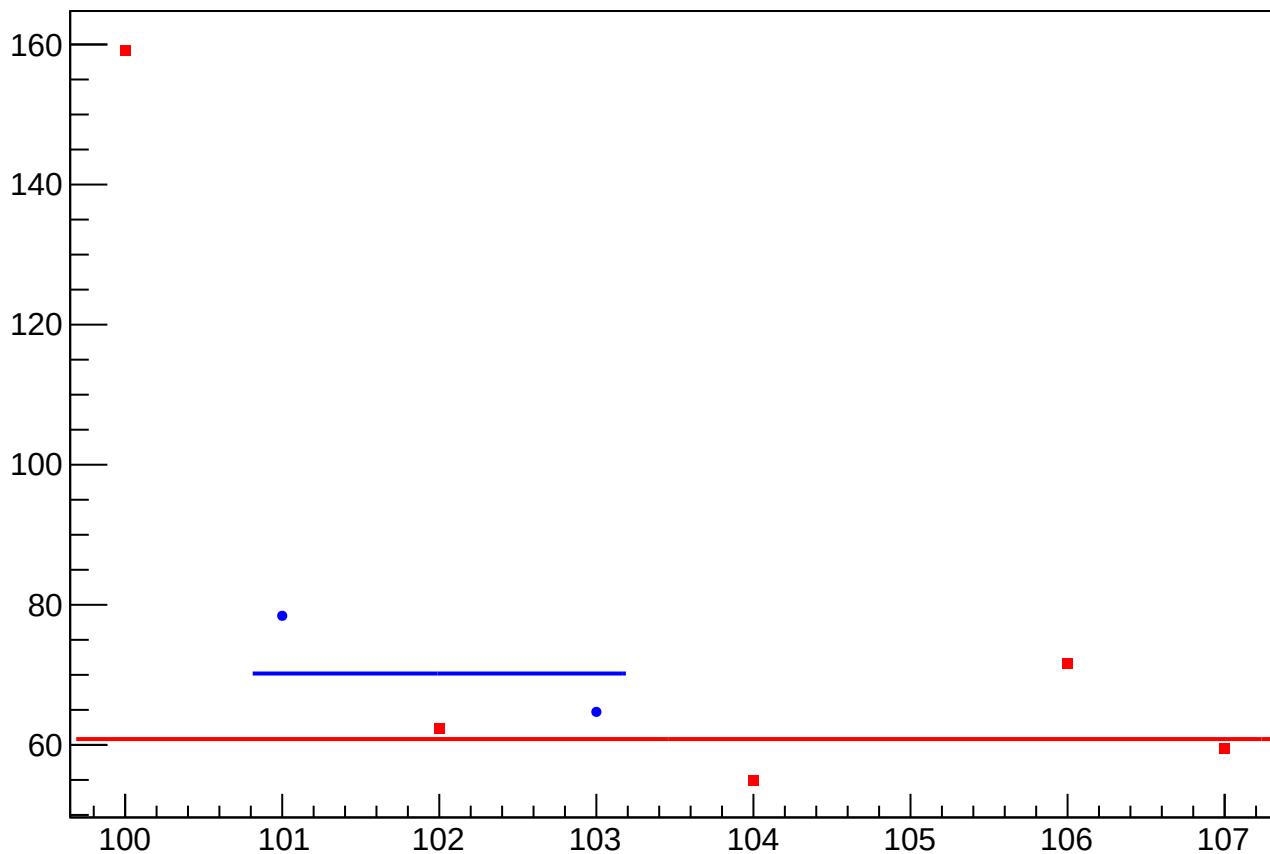
Right: 0.018+/-0.039 χ^2/NDF : 13.3/6

In: 0.082+/-0.065 χ^2/NDF : 5.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.039 χ^2/NDF : 13.3/6

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.192+/-0.046 χ^2/NDF : 21427.6/1

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

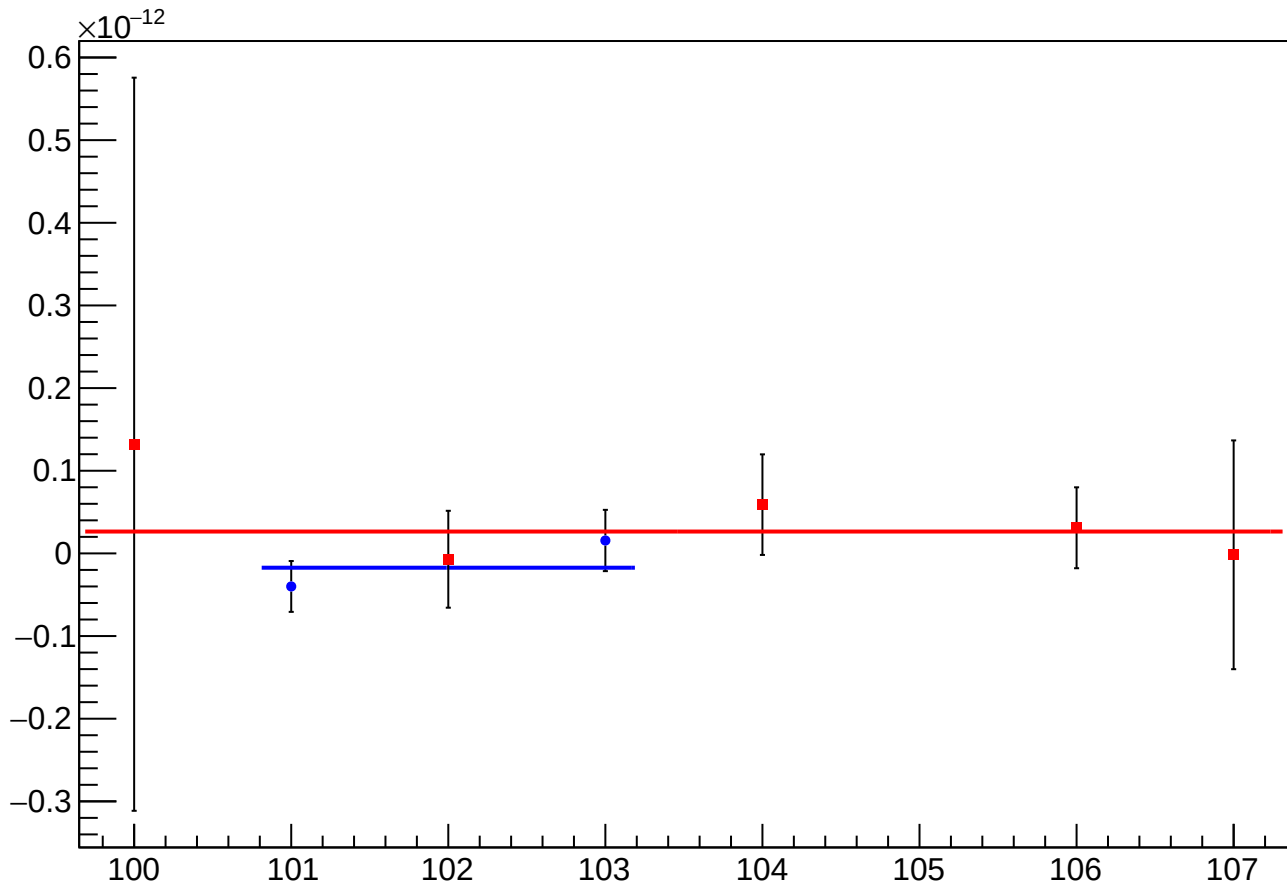
Right: 64.134+/-0.027 χ^2/NDF : 125511.3/6

In: 70.192+/-0.046 χ^2/NDF : 21427.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.134+/-0.027 χ^2/NDF : 125511.3/6

asym_sam_48_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.3/1

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

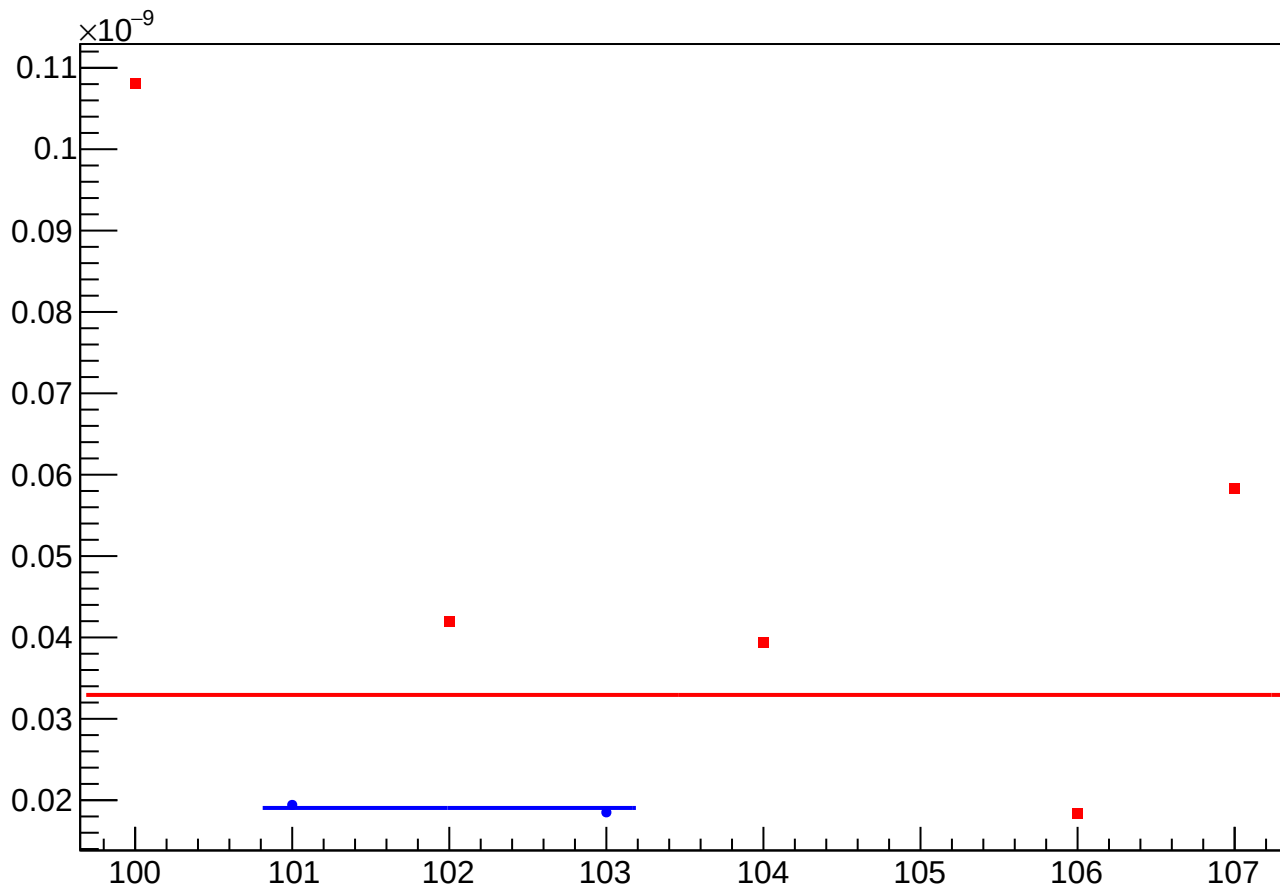
Right: -0.000+/-0.000 χ^2/NDF : 3.3/6

In: -0.000+/-0.000 χ^2/NDF :1.3/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.3/6

asym_sam_48_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 718.1/1

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

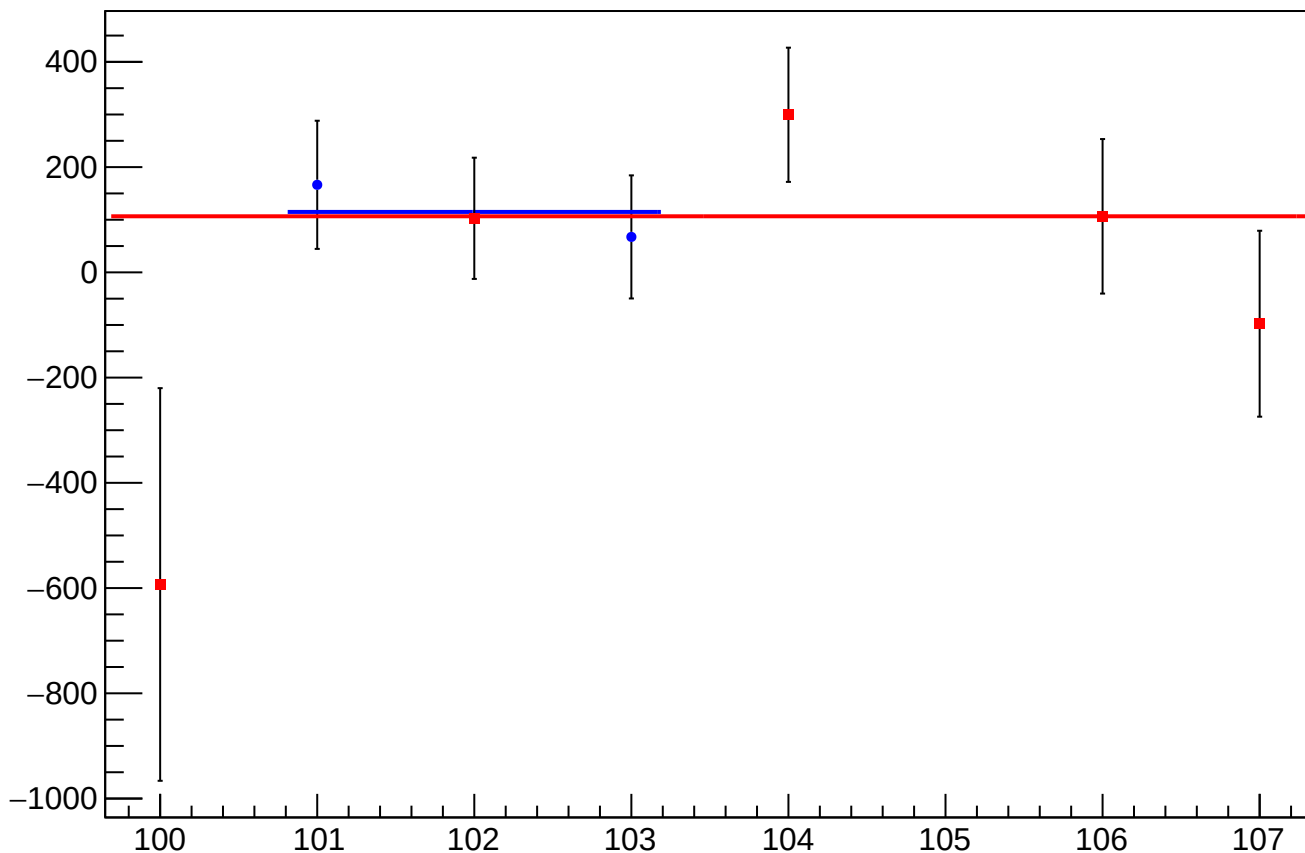
Right: 0.000+/-0.000 χ^2/NDF : 625571.3/6

In: 0.000+/-0.000 χ^2/NDF : 718.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 625571.3/6

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 114.857 $\pm$ 84.362 χ^2 /NDF: 0.3/1

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

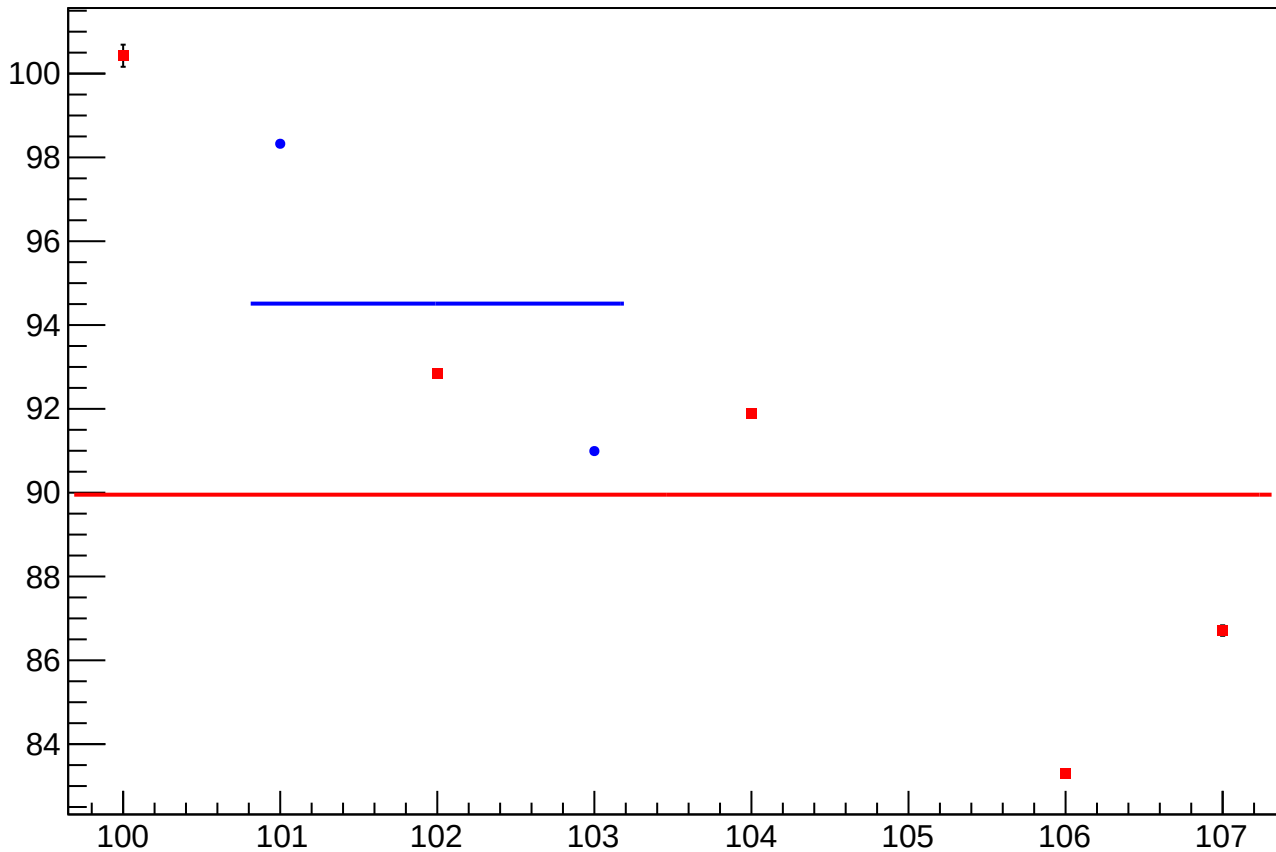
Right: 109.771 $\pm$ 52.490 χ^2 /NDF: 7.5/6

In: 114.857 $\pm$ 84.362 χ^2 /NDF: 0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 109.771 $\pm$ 52.490 χ^2 /NDF: 7.5/6

reg_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 94.511+/-0.060 χ^2/NDF : 3771.5/1

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

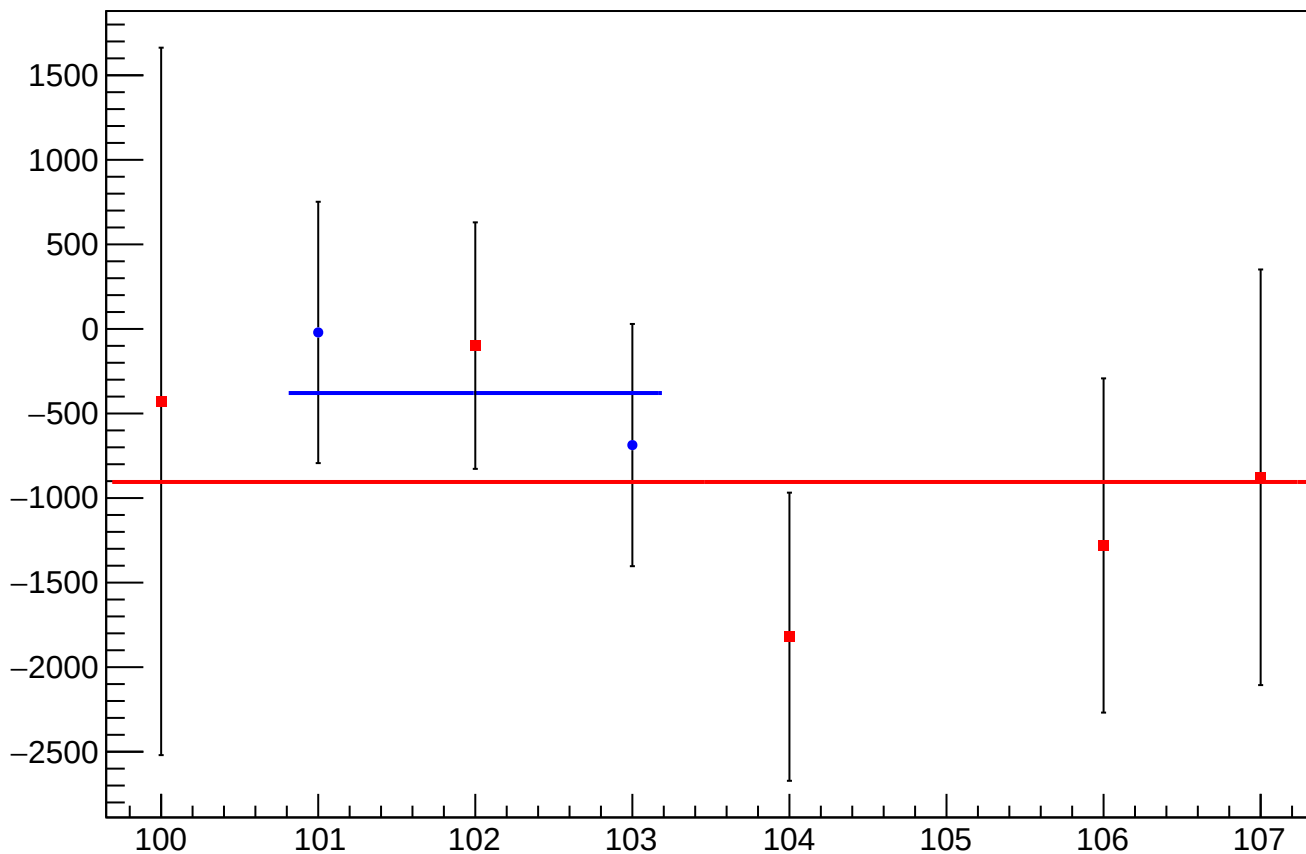
Right: 91.717+/-0.037 χ^2/NDF : 15430.8/6

In: 94.511+/-0.060 χ^2/NDF : 3771.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.717+/-0.037 χ^2/NDF : 15430.8/6

asym_sam_15_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -378.929 ± 525.279 $\chi^2/\text{NDF}: 0.4/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -904.941 ± 439.574 $\chi^2/\text{NDF}: 2.6/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

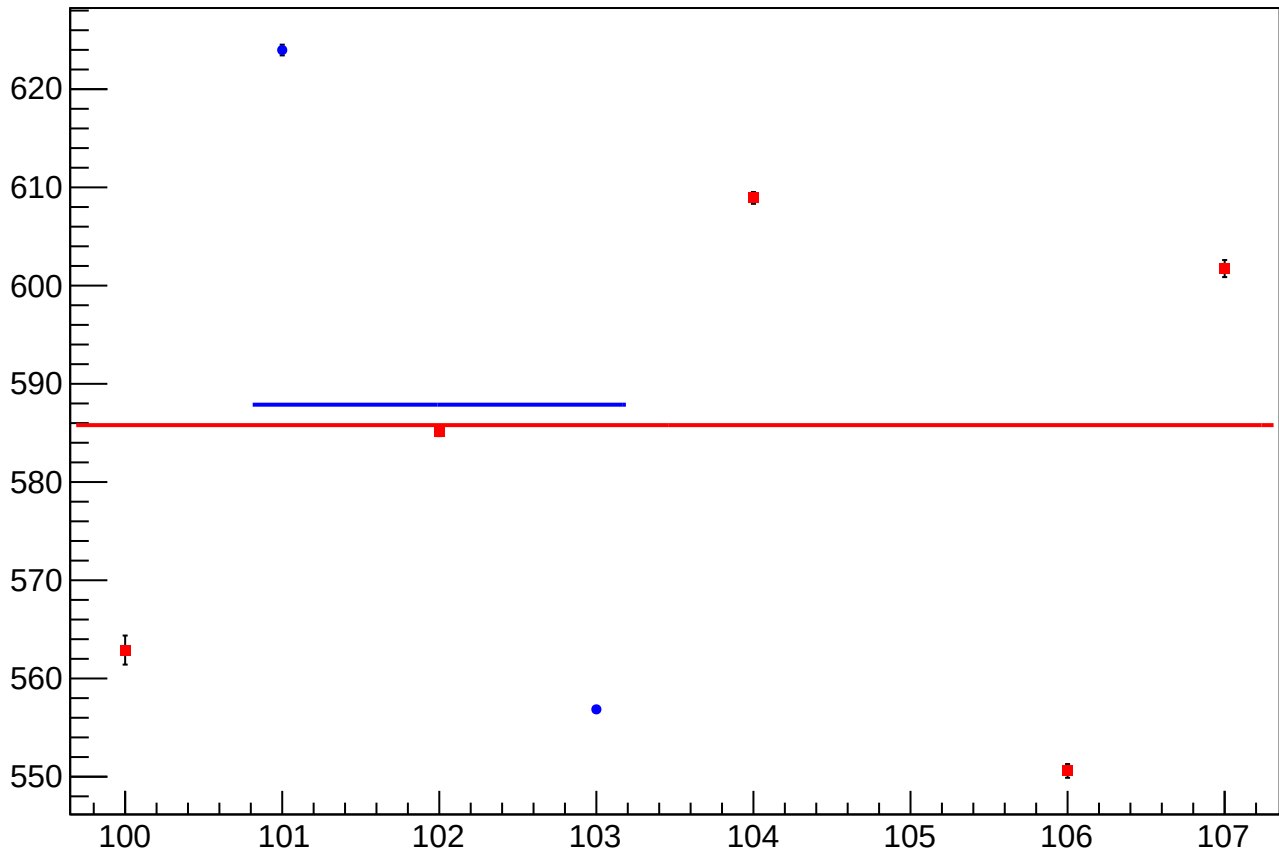
Right: -688.293 ± 337.108 $\chi^2/\text{NDF}: 3.6/6$

In: -378.929 ± 525.279 $\chi^2/\text{NDF}: 0.4/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -688.293 ± 337.108 $\chi^2/\text{NDF}: 3.6/6$

asym_sam_15_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 587.876 ± 0.371 χ^2/NDF : 8118.5/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 585.795 ± 0.311 χ^2/NDF : 4591.4/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

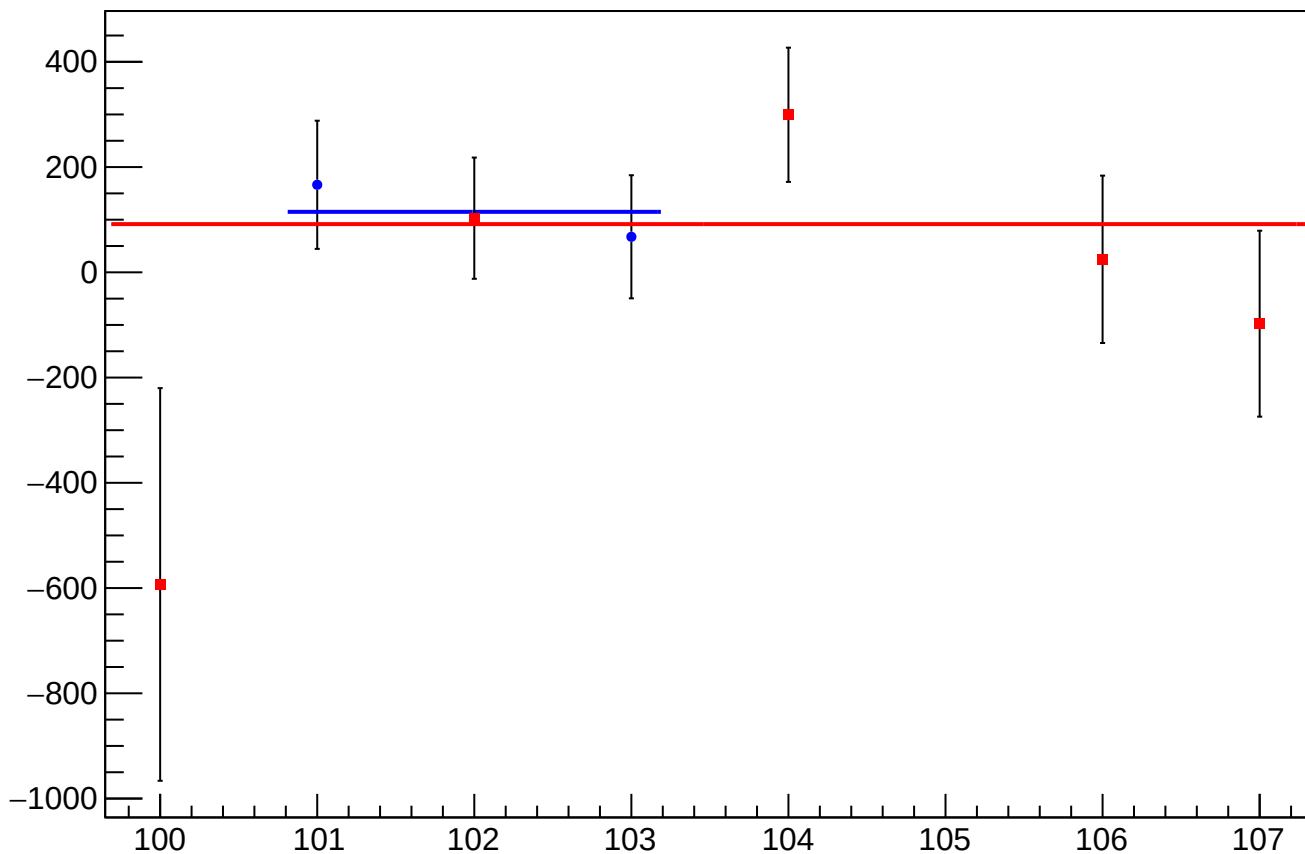
Right: 586.652 ± 0.238 χ^2/NDF : 12728.3/6

In: 587.876 ± 0.371 χ^2/NDF : 8118.5/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 586.652 ± 0.238 χ^2/NDF : 12728.3/6

cor_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 114.939 $\pm$ 84.362 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 91.588 $\pm$ 68.107 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

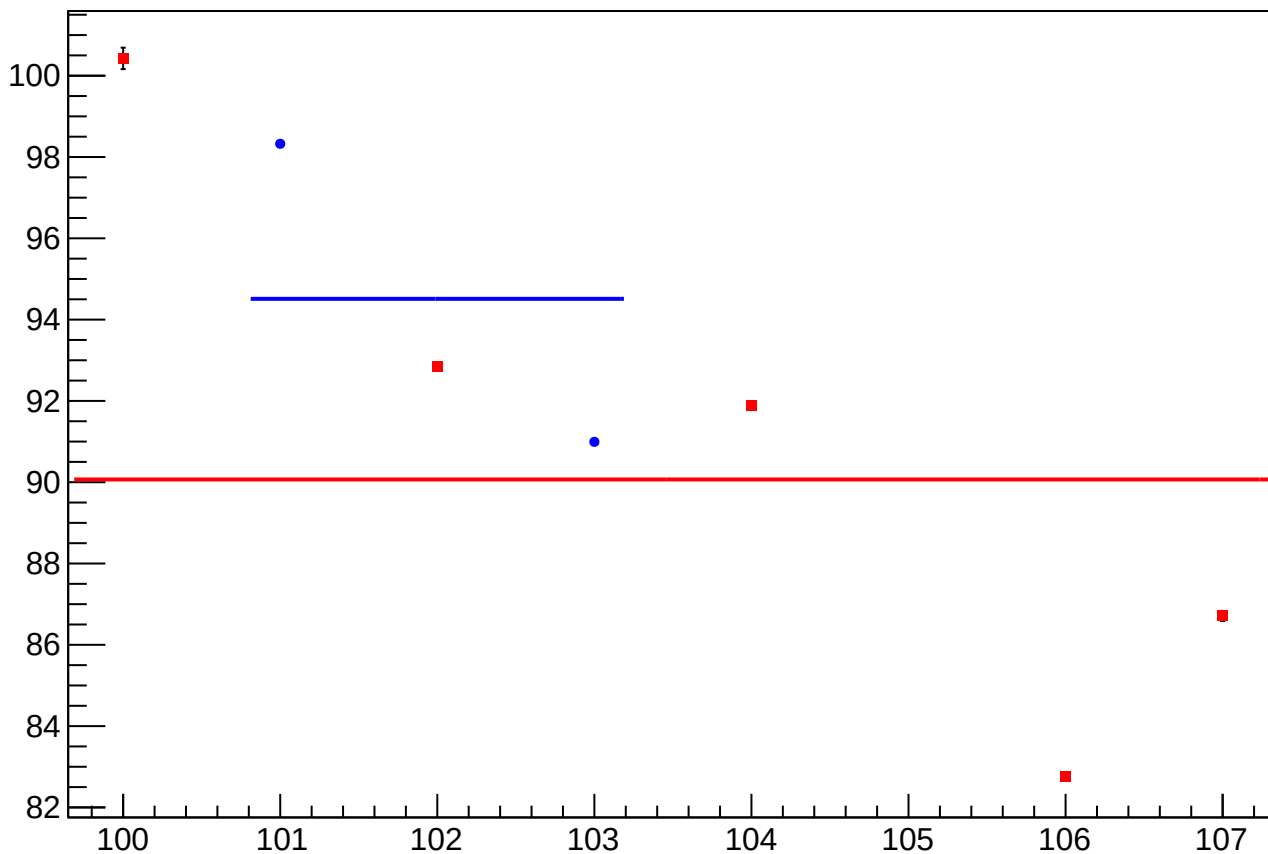
Right: 100.802 $\pm$ 52.993 χ^2 /NDF: 7.7/6

In: 114.939 $\pm$ 84.362 χ^2 /NDF: 0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 100.802 $\pm$ 52.993 χ^2 /NDF: 7.7/6

cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 94.511+/-0.060 χ^2/NDF : 3771.5/1

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

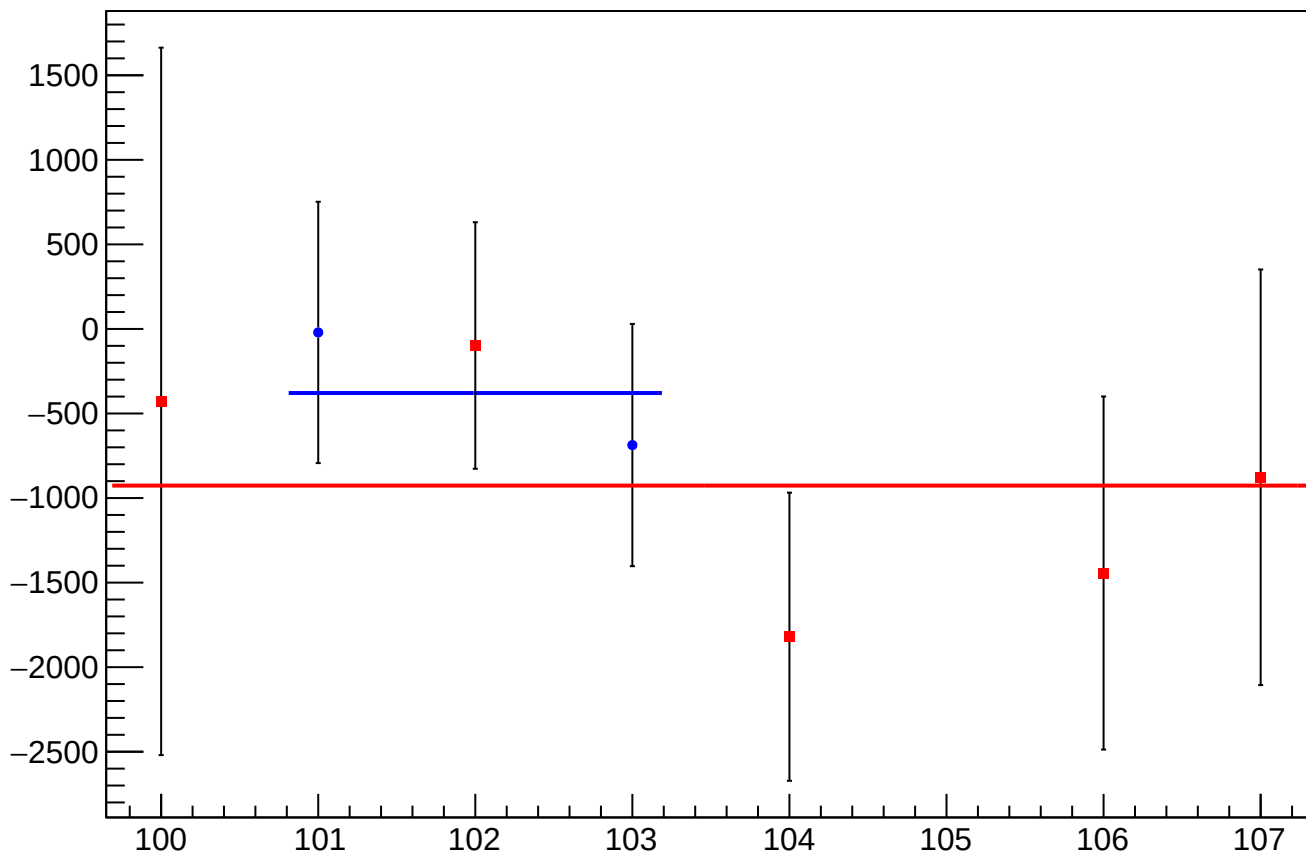
Right: 91.821+/-0.037 χ^2/NDF : 15187.3/6

In: 94.511+/-0.060 χ^2/NDF : 3771.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.821+/-0.037 χ^2/NDF : 15187.3/6

asym_sam_15_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -378.911 $\pm$ 525.278 χ^2 /NDF: 0.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -926.369 $\pm$ 444.183 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

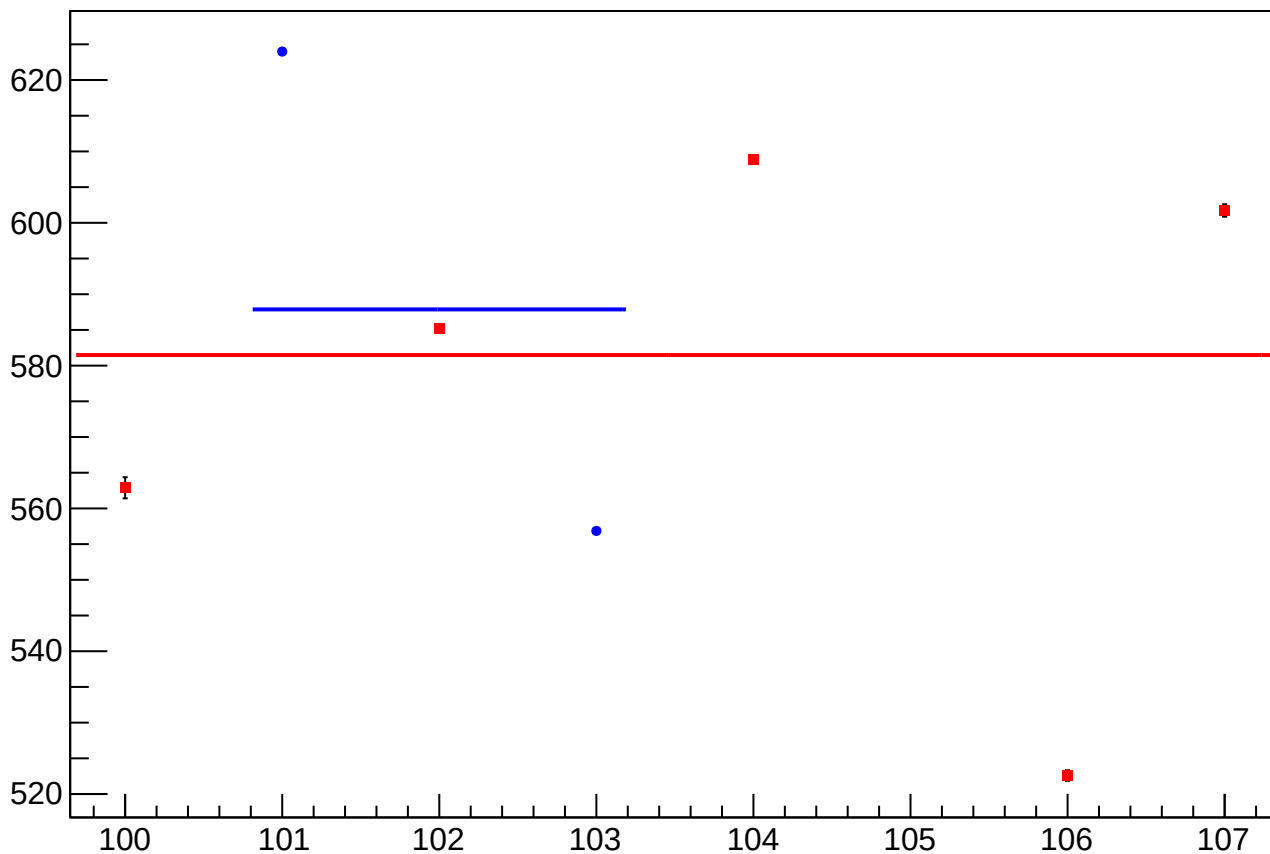
Right: -698.116 $\pm$ 339.173 χ^2 /NDF: 3.7/6

In: -378.911 $\pm$ 525.278 χ^2 /NDF: 0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -698.116 $\pm$ 339.173 χ^2 /NDF: 3.7/6

asym_sam_15_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 587.874+/-0.371 χ^2/NDF : 8119.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 581.486+/-0.314 χ^2/NDF : 9193.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

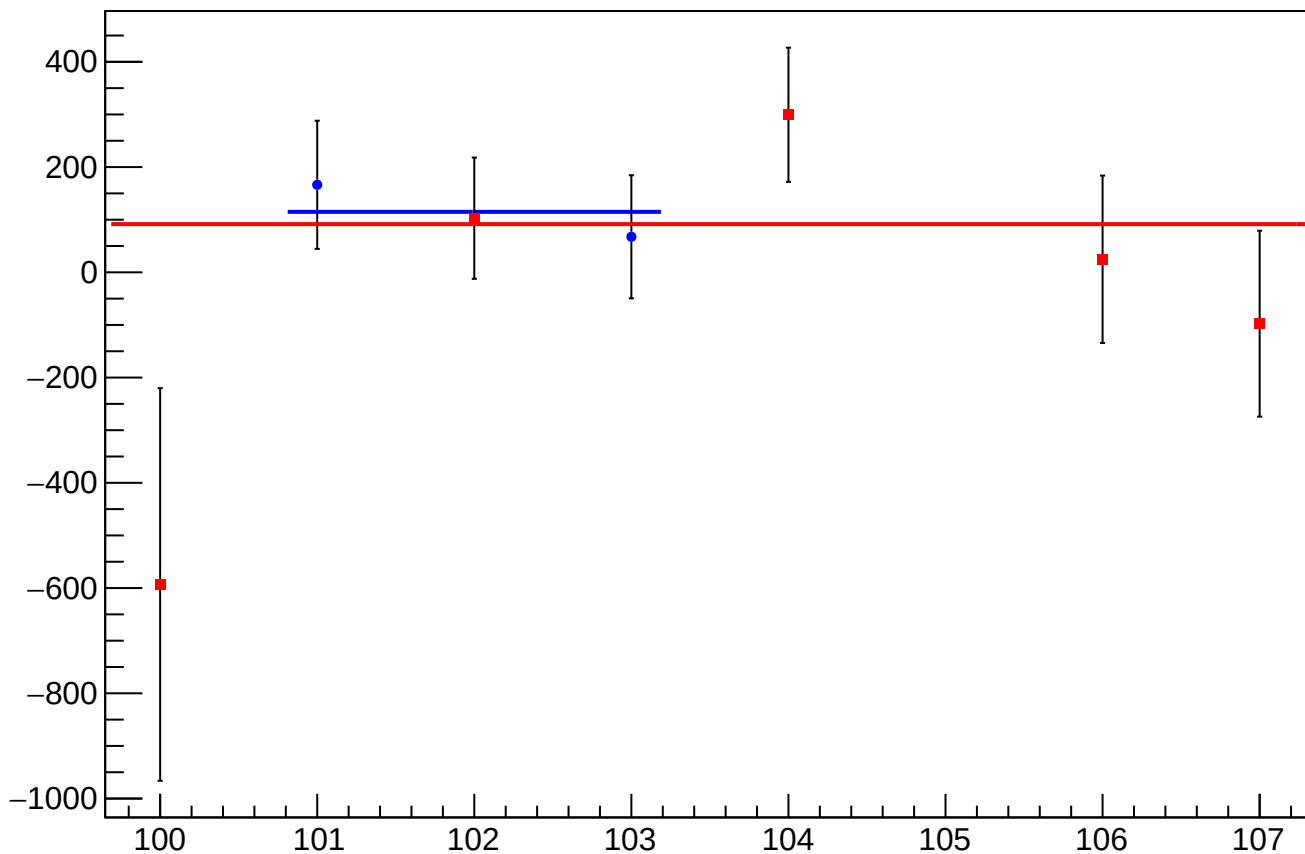
Right: 584.150+/-0.240 χ^2/NDF : 17485.8/6

In: 587.874+/-0.371 χ^2/NDF : 8119.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 584.150+/-0.240 χ^2/NDF : 17485.8/6

eigen_cor_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 114.939 $\pm$ 84.362 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 91.588 $\pm$ 68.107 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

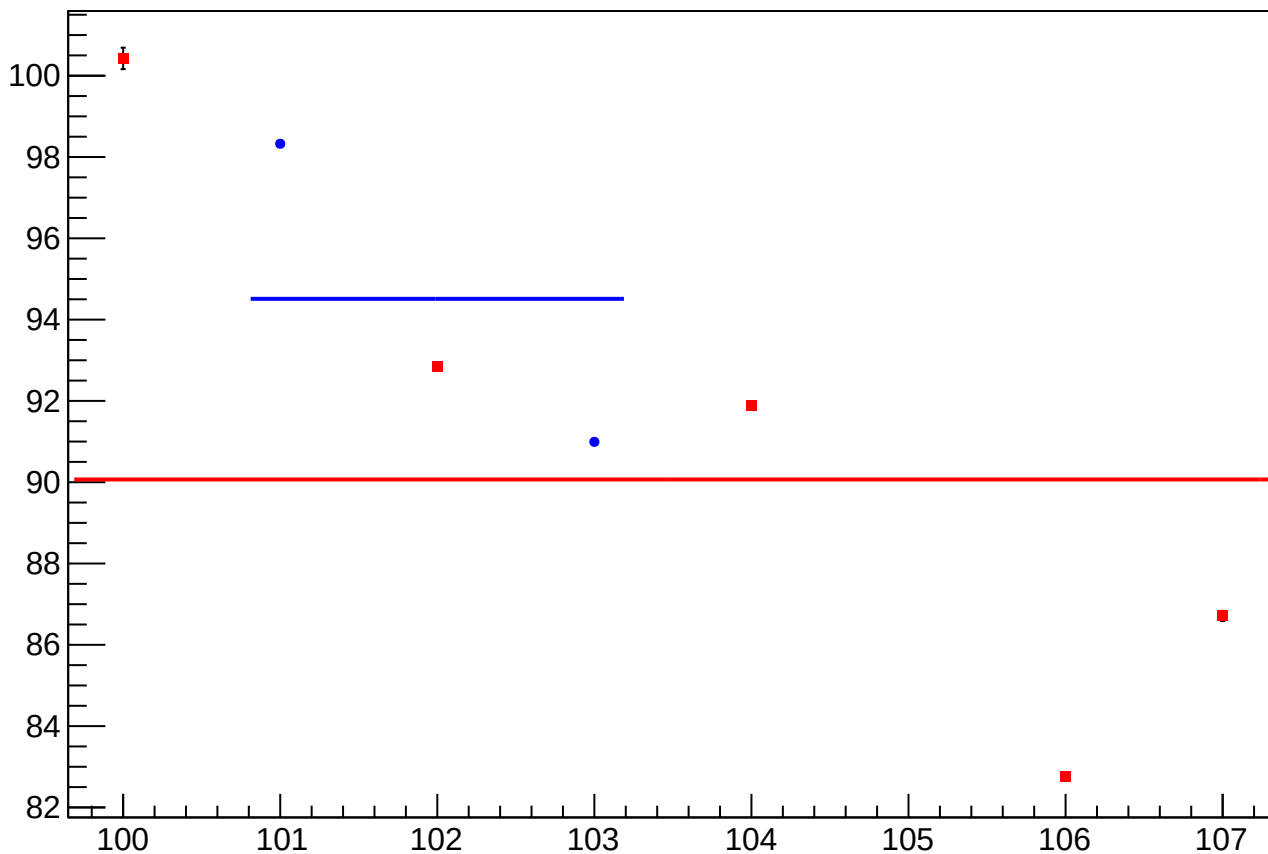
Right: 100.802 $\pm$ 52.993 χ^2 /NDF: 7.7/6

In: 114.939 $\pm$ 84.362 χ^2 /NDF: 0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 100.802 $\pm$ 52.993 χ^2 /NDF: 7.7/6

eigen_cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 94.511+/-0.060 χ^2 /NDF: 3771.5/1

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

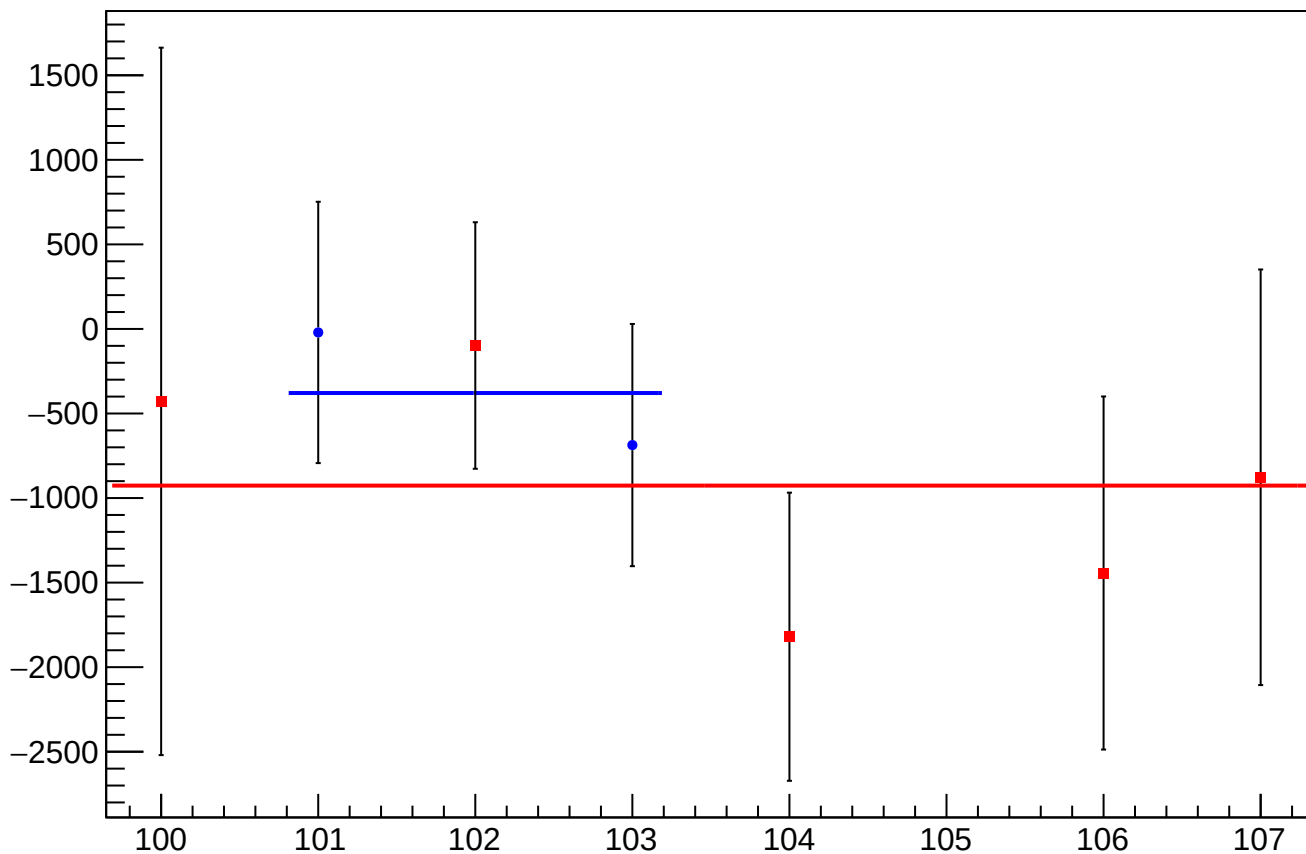
Right: 91.821+/-0.037 χ^2 /NDF: 15187.3/6

In: 94.511+/-0.060 χ^2 /NDF:3771.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 91.821+/-0.037 χ^2 /NDF: 15187.3/6

asym_sam_15_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -378.911 ± 525.278 χ^2/NDF : 0.4/1

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

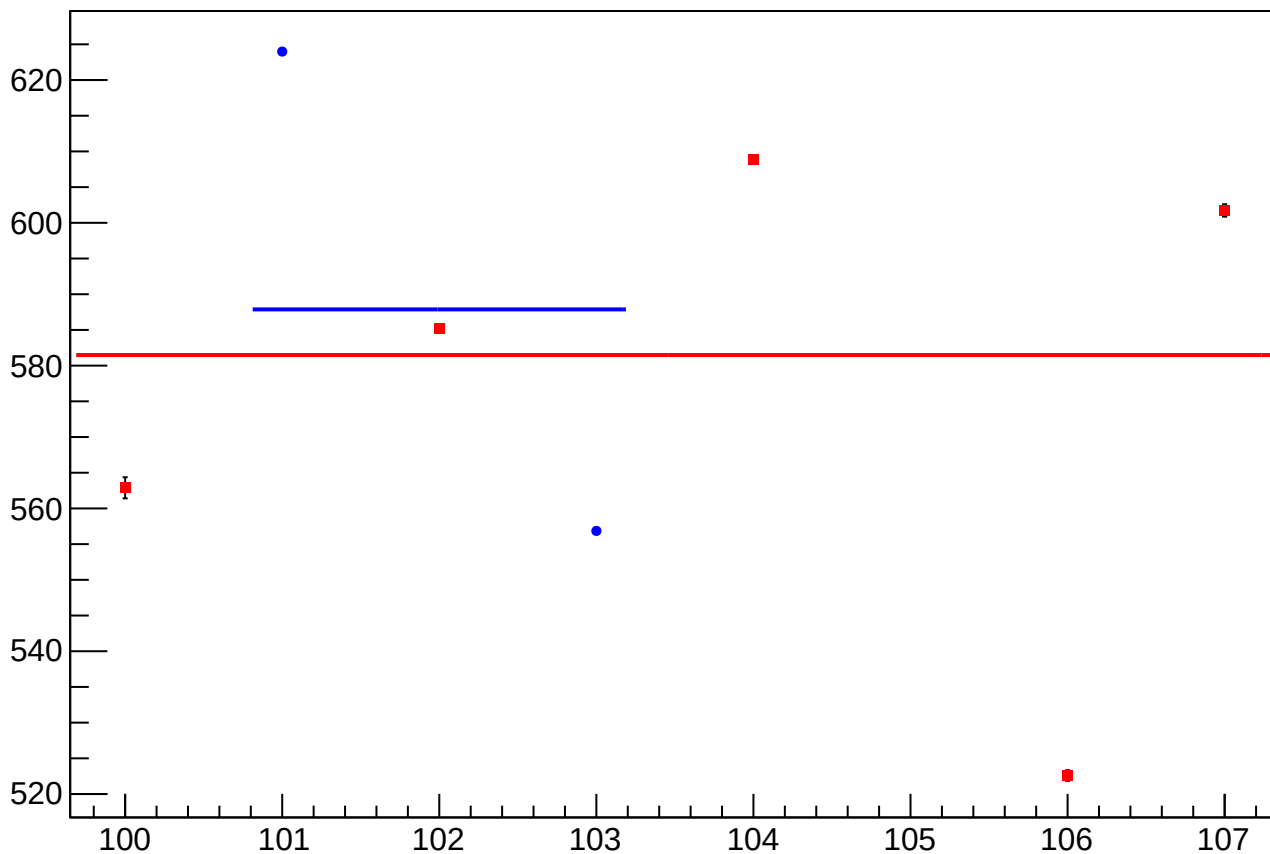
Right: -698.116 ± 339.173 χ^2/NDF : 3.7/6

In: -378.911 ± 525.278 χ^2/NDF : 0.4/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -698.116 ± 339.173 χ^2/NDF : 3.7/6

asym_sam_15_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 587.874+/-0.371 χ^2/NDF : 8119.6/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 581.486+/-0.314 χ^2/NDF : 9193.7/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

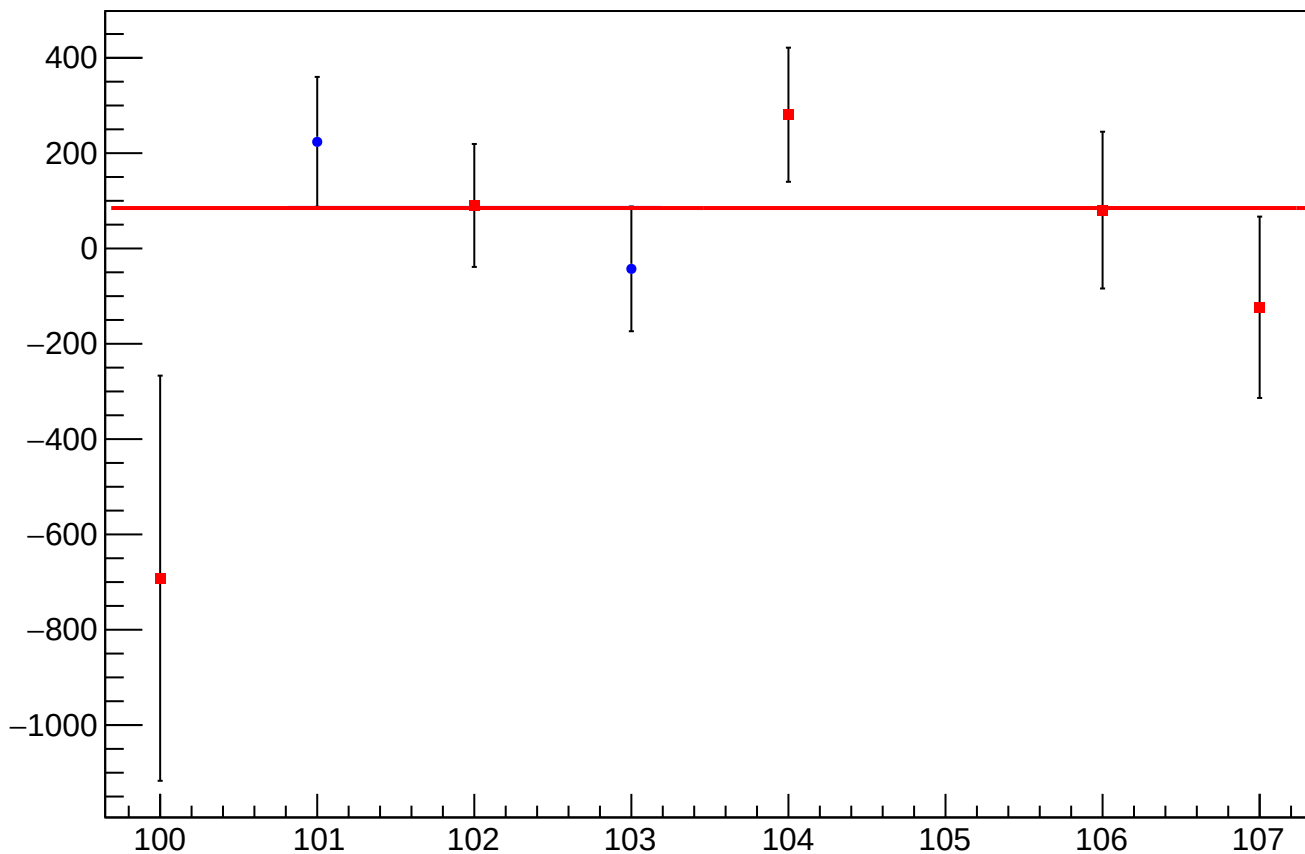
Right: 584.150+/-0.240 χ^2/NDF : 17485.8/6

In: 587.874+/-0.371 χ^2/NDF :8119.6/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 584.150+/-0.240 χ^2/NDF : 17485.8/6

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 85.063+/-94.406 χ^2/NDF : 2.0/1

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

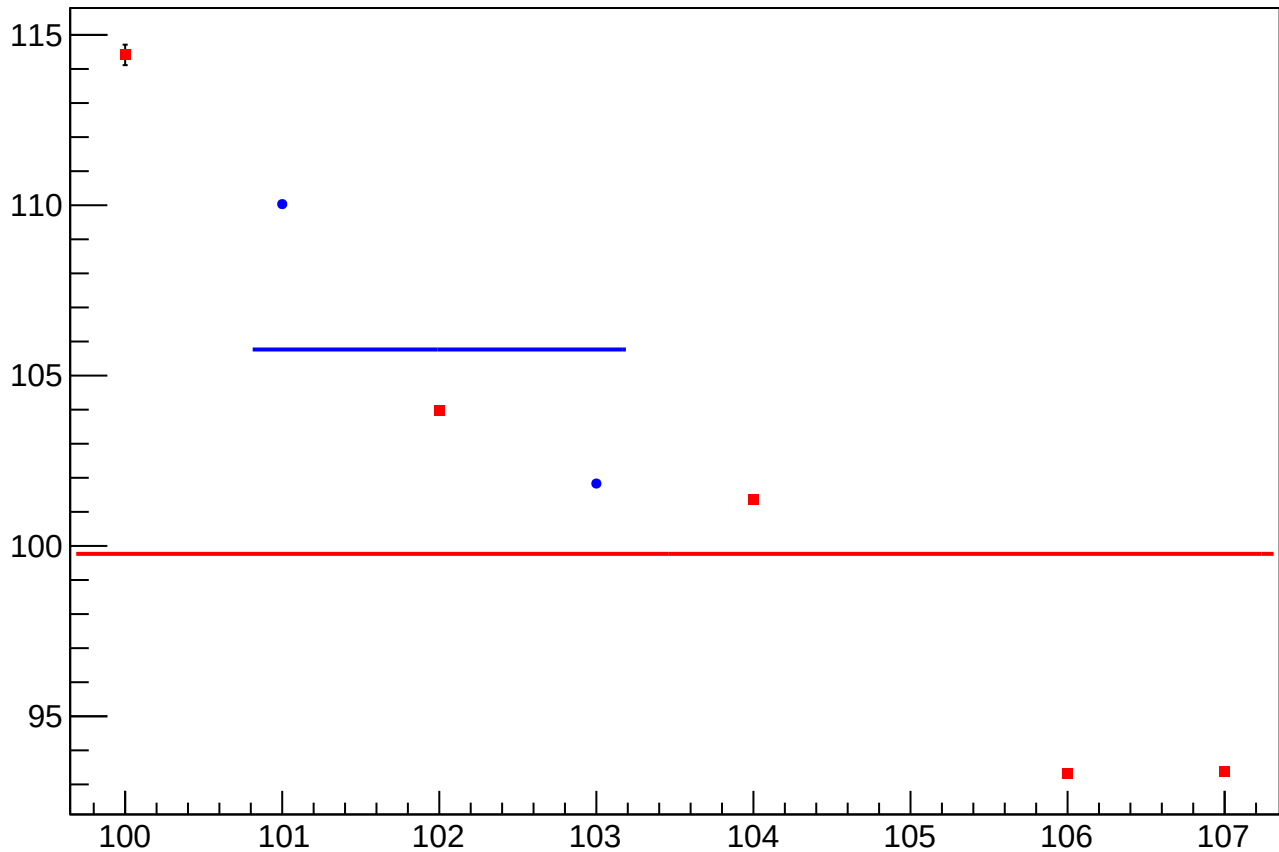
Right: 84.943+/-58.429 χ^2/NDF : 8.5/6

In: 85.063+/-94.406 χ^2/NDF : 2.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.943+/-58.429 χ^2/NDF : 8.5/6

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 105.766+/-0.067 χ^2/NDF : 3767.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.768+/-0.053 χ^2/NDF : 10100.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

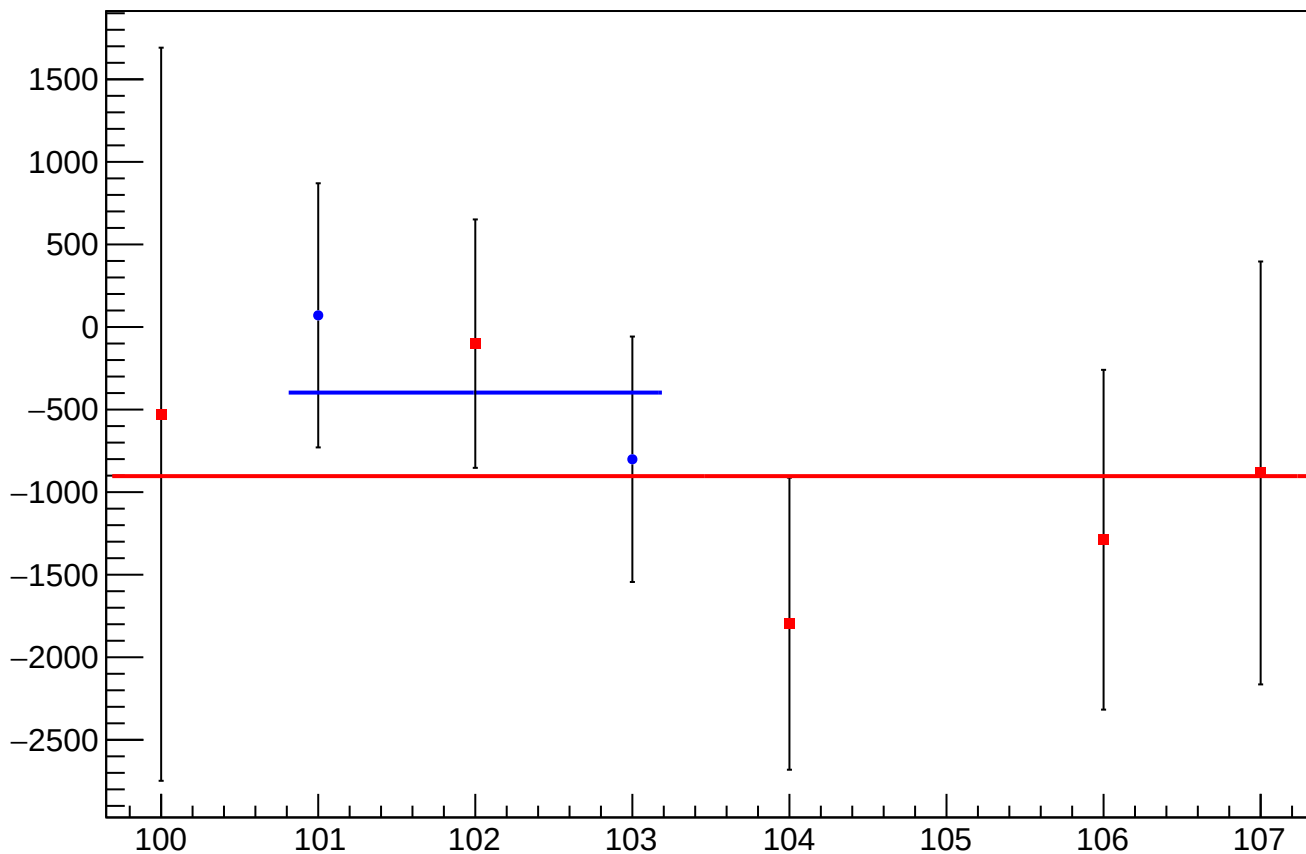
Right: 102.065+/-0.041 χ^2/NDF : 18849.8/6

In: 105.766+/-0.067 χ^2/NDF : 3767.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.065+/-0.041 χ^2/NDF : 18849.8/6

asym_sam_15_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -397.087+/-544.425 χ^2 /NDF: 0.6/1

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

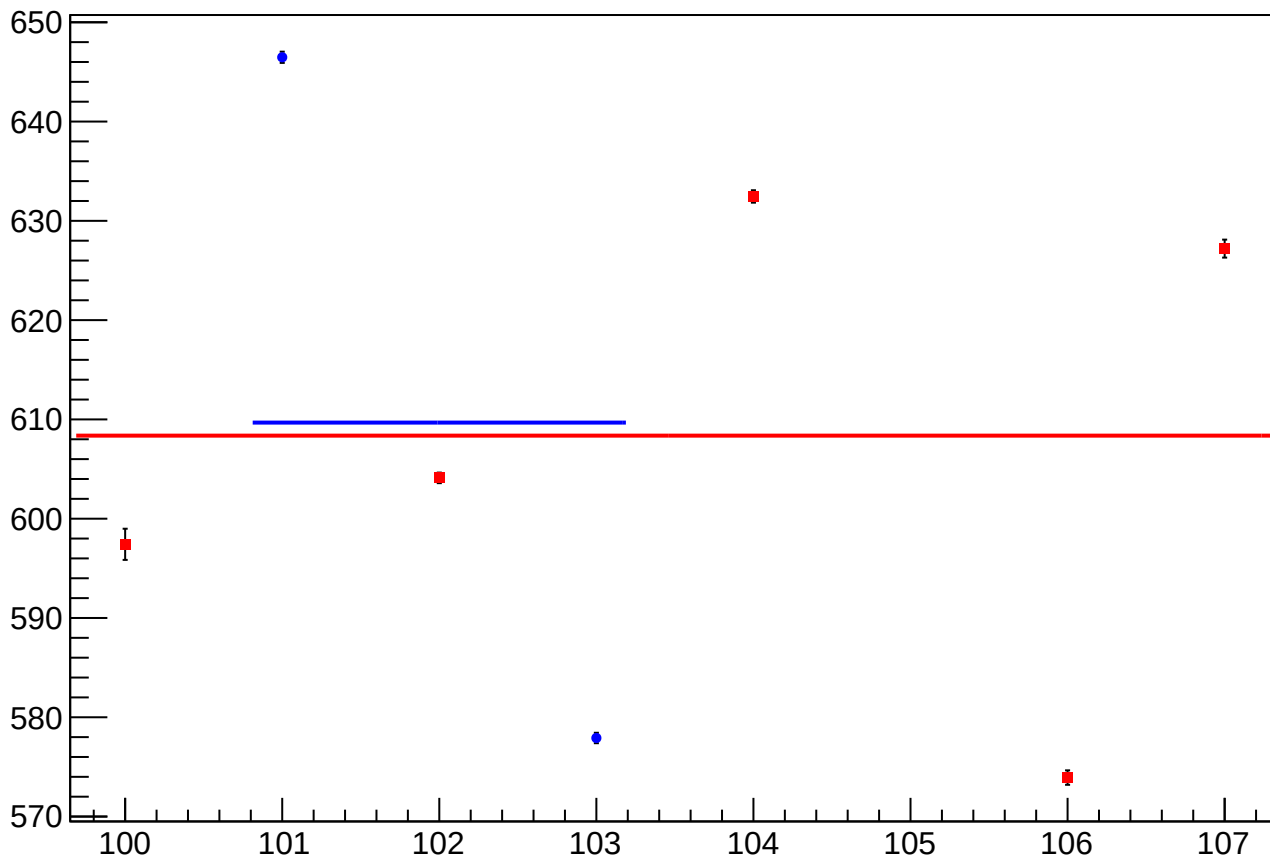
Right: -694.267+/-349.708 χ^2 /NDF: 3.5/6

In: -397.087+/-544.425 χ^2 /NDF:0.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -694.267+/-349.708 χ^2 /NDF: 3.5/6

asym_sam_15_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 609.680 $\pm$ 0.385 χ^2 /NDF: 7887.0/1

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

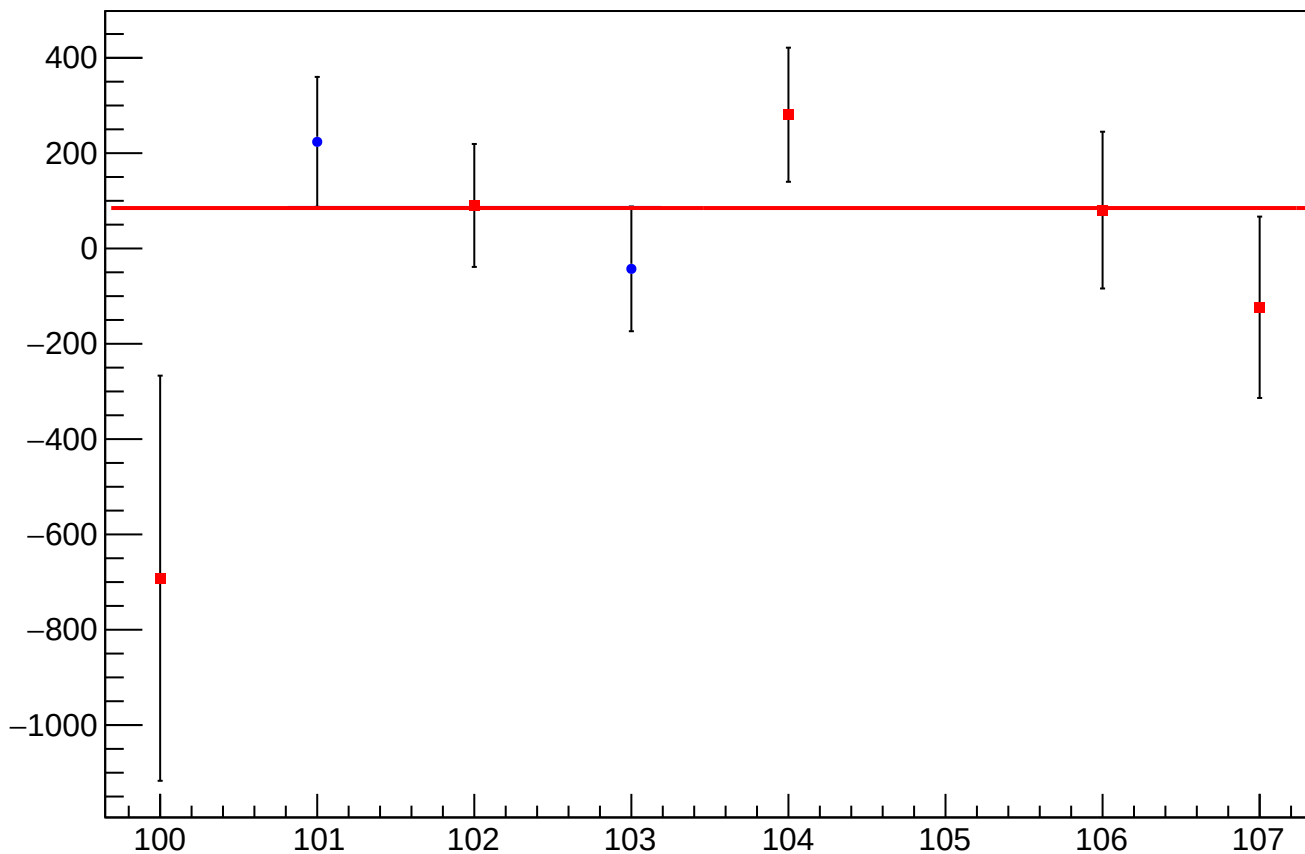
Right: 608.908 $\pm$ 0.247 χ^2 /NDF: 12164.0/6

In: 609.680 $\pm$ 0.385 χ^2 /NDF:7887.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 608.908 $\pm$ 0.247 χ^2 /NDF: 12164.0/6

eigen_dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 85.064+/-94.406 χ^2/NDF : 2.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.868+/-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

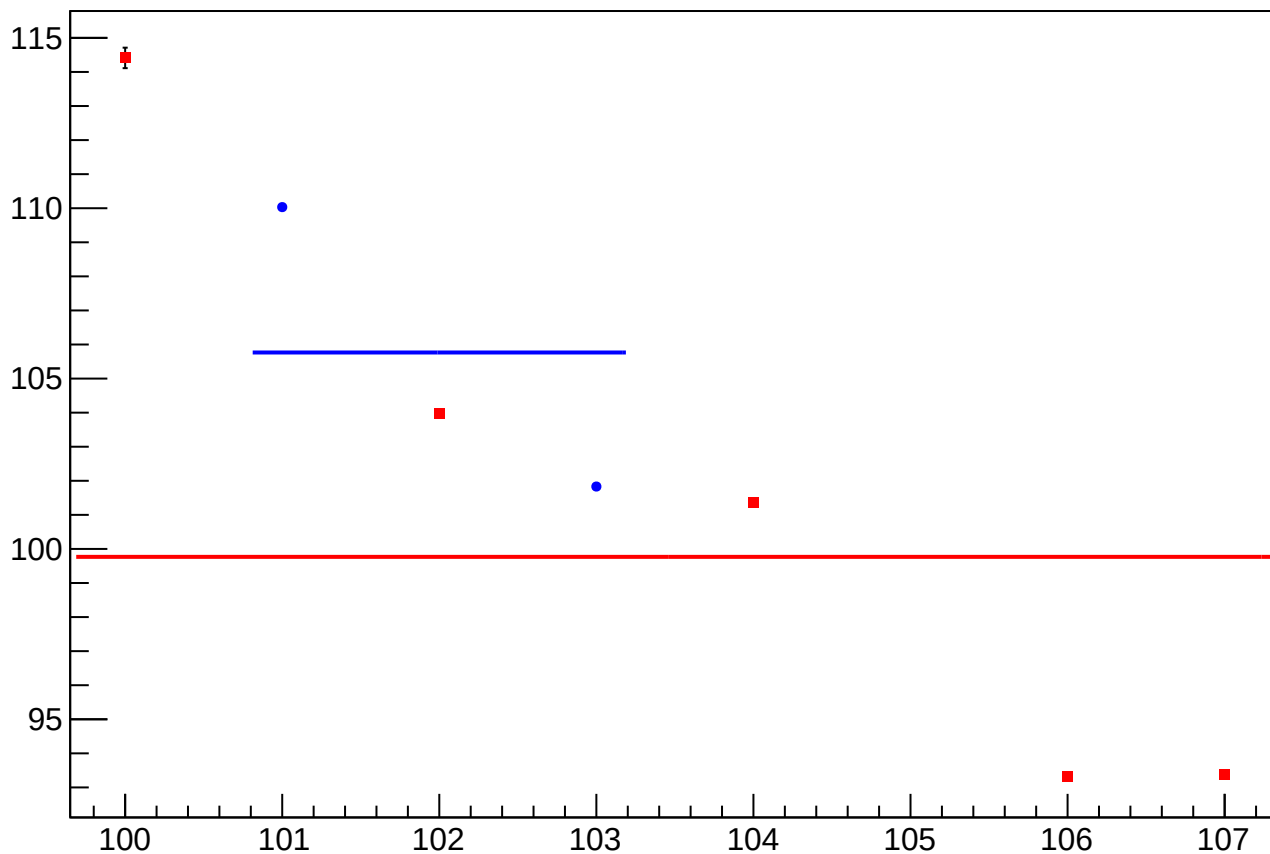
Right: 84.943+/-58.428 χ^2/NDF : 8.5/6

In: 85.064+/-94.406 χ^2/NDF : 2.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.943+/-58.428 χ^2/NDF : 8.5/6

eigen_dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 105.766 $\pm$ 0.067 χ^2 /NDF: 3767.5/1

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

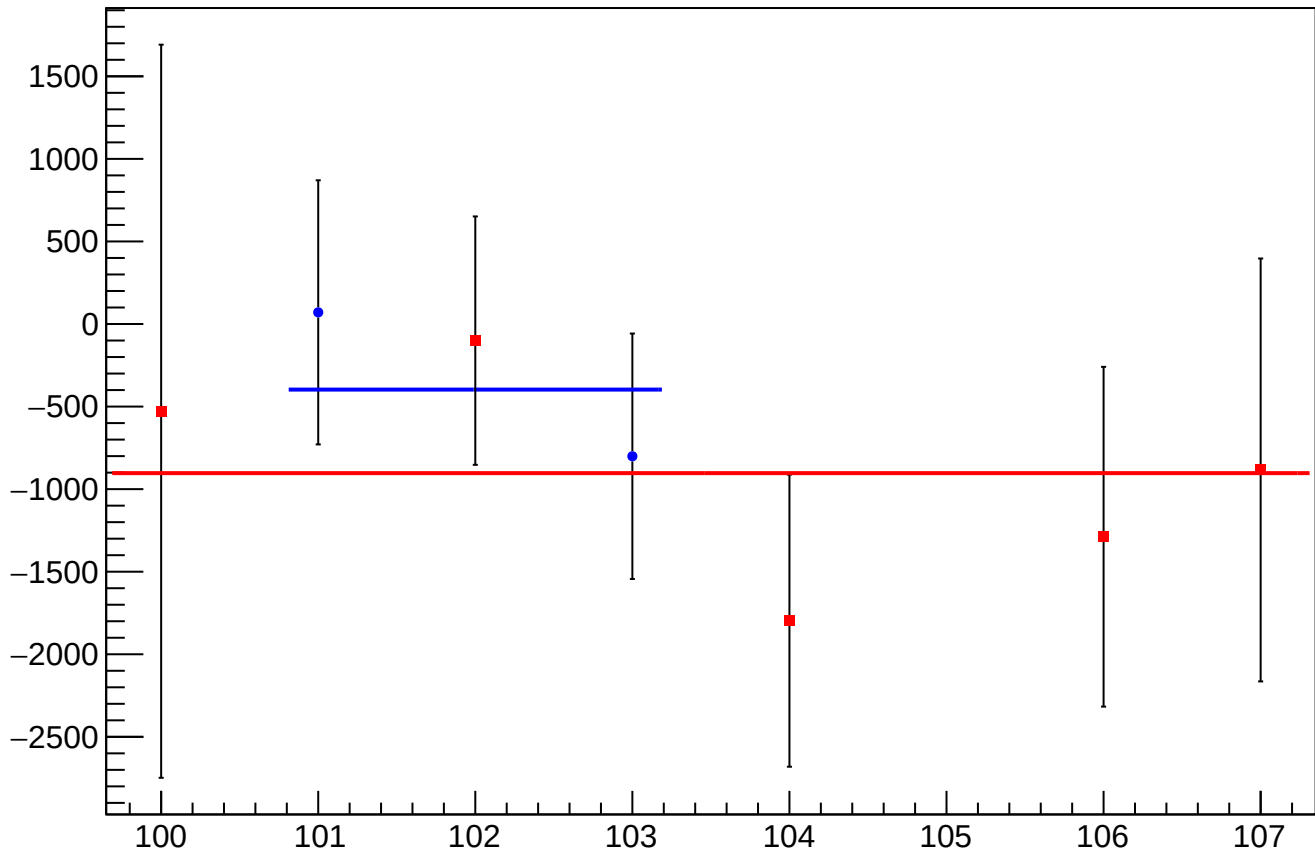
Right: 102.065 $\pm$ 0.041 χ^2 /NDF: 18849.4/6

In: 105.766 $\pm$ 0.067 χ^2 /NDF:3767.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 102.065 $\pm$ 0.041 χ^2 /NDF: 18849.4/6

asym_sam_15_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -397.086+/-544.424 χ^2 /NDF: 0.6/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -903.017+/-456.289 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

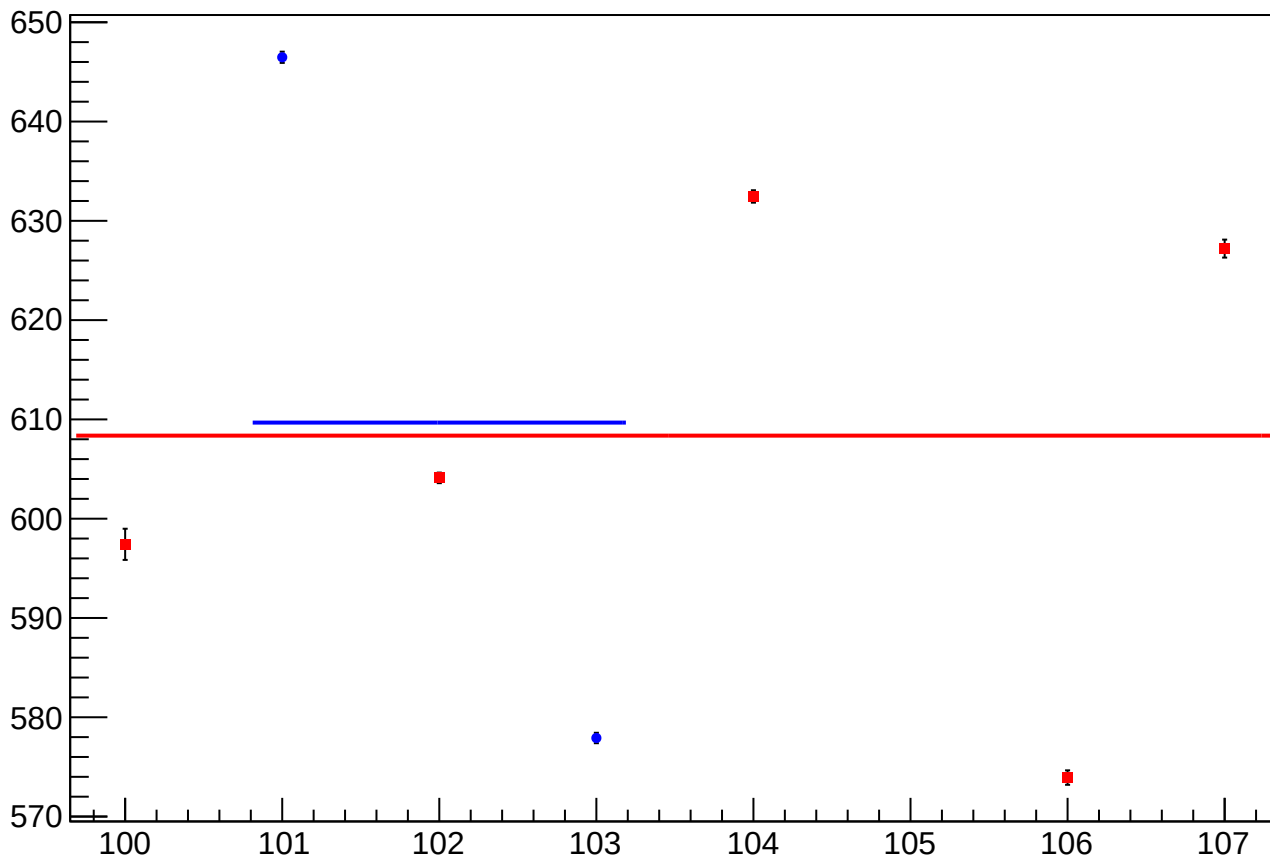
Right: -694.266+/-349.708 χ^2 /NDF: 3.5/6

In: -397.086+/-544.424 χ^2 /NDF: 0.6/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -694.266+/-349.708 χ^2 /NDF: 3.5/6

asym_sam_15_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 609.679 $\pm$ 0.385 χ^2 /NDF: 7886.9/1

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

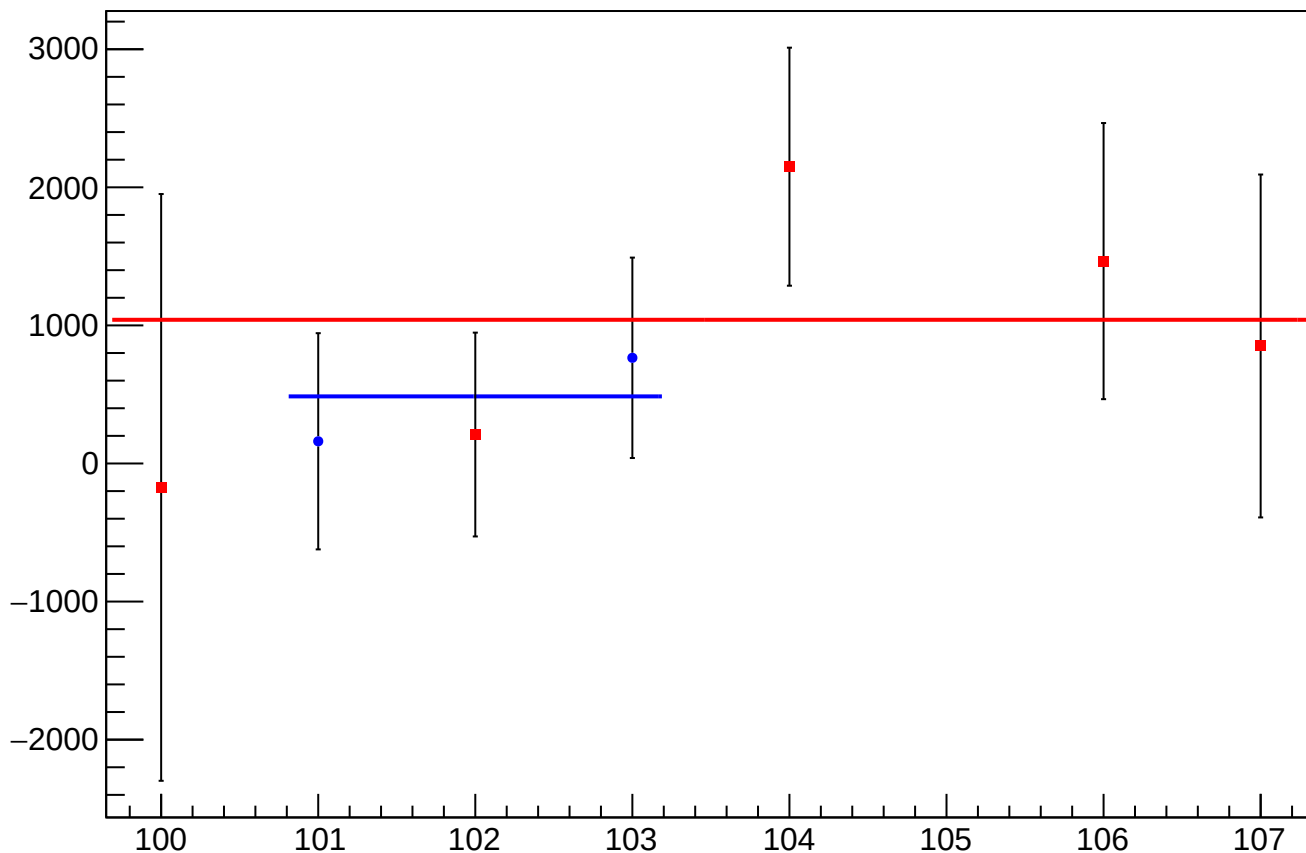
Right: 608.908 $\pm$ 0.247 χ^2 /NDF: 12163.9/6

In: 609.679 $\pm$ 0.385 χ^2 /NDF:7886.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 608.908 $\pm$ 0.247 χ^2 /NDF: 12163.9/6

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 485.892+/-532.244 χ^2/NDF : 0.3/1

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

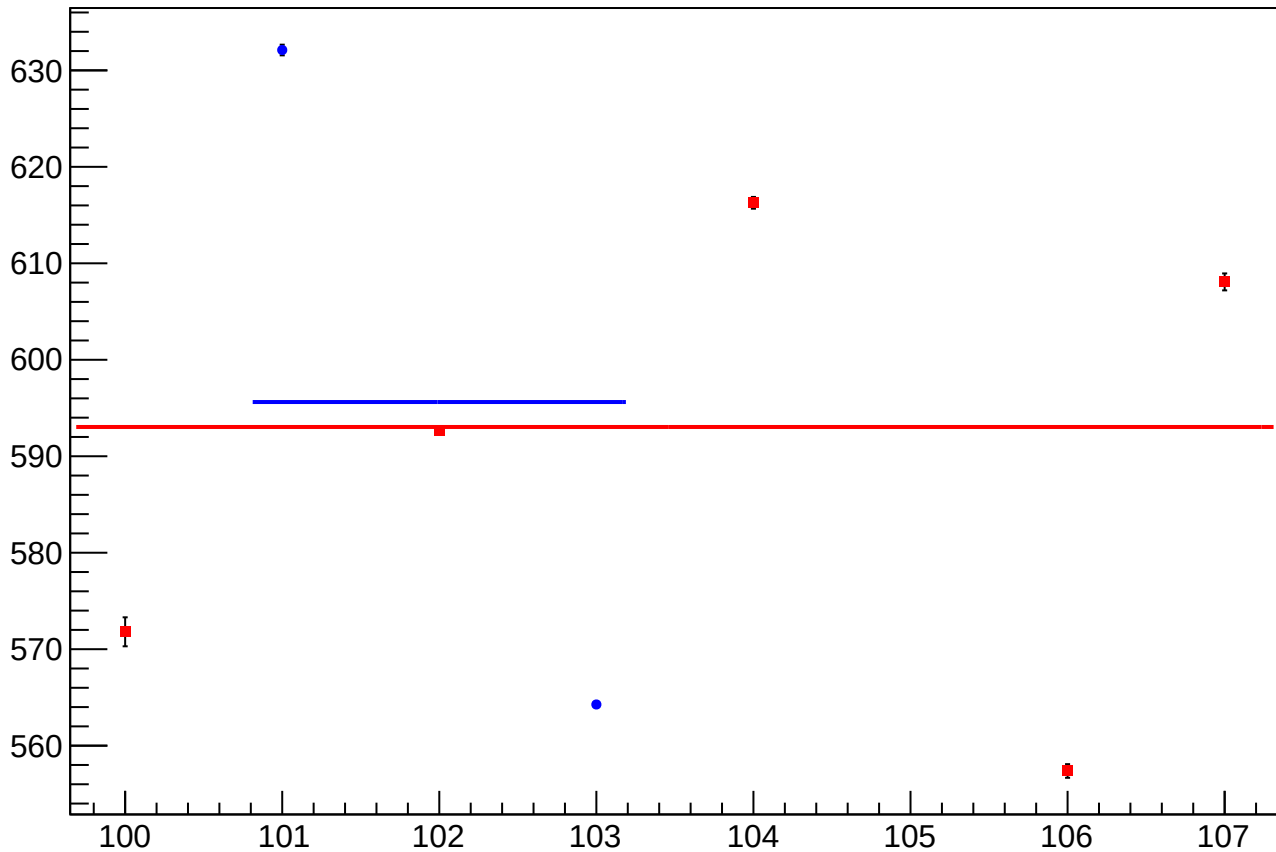
Right: 812.463+/-341.349 χ^2/NDF : 4.4/6

In: 485.892+/-532.244 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 812.463+/-341.349 χ^2/NDF : 4.4/6

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 595.621+/-0.376 χ^2/NDF : 8076.4/1

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

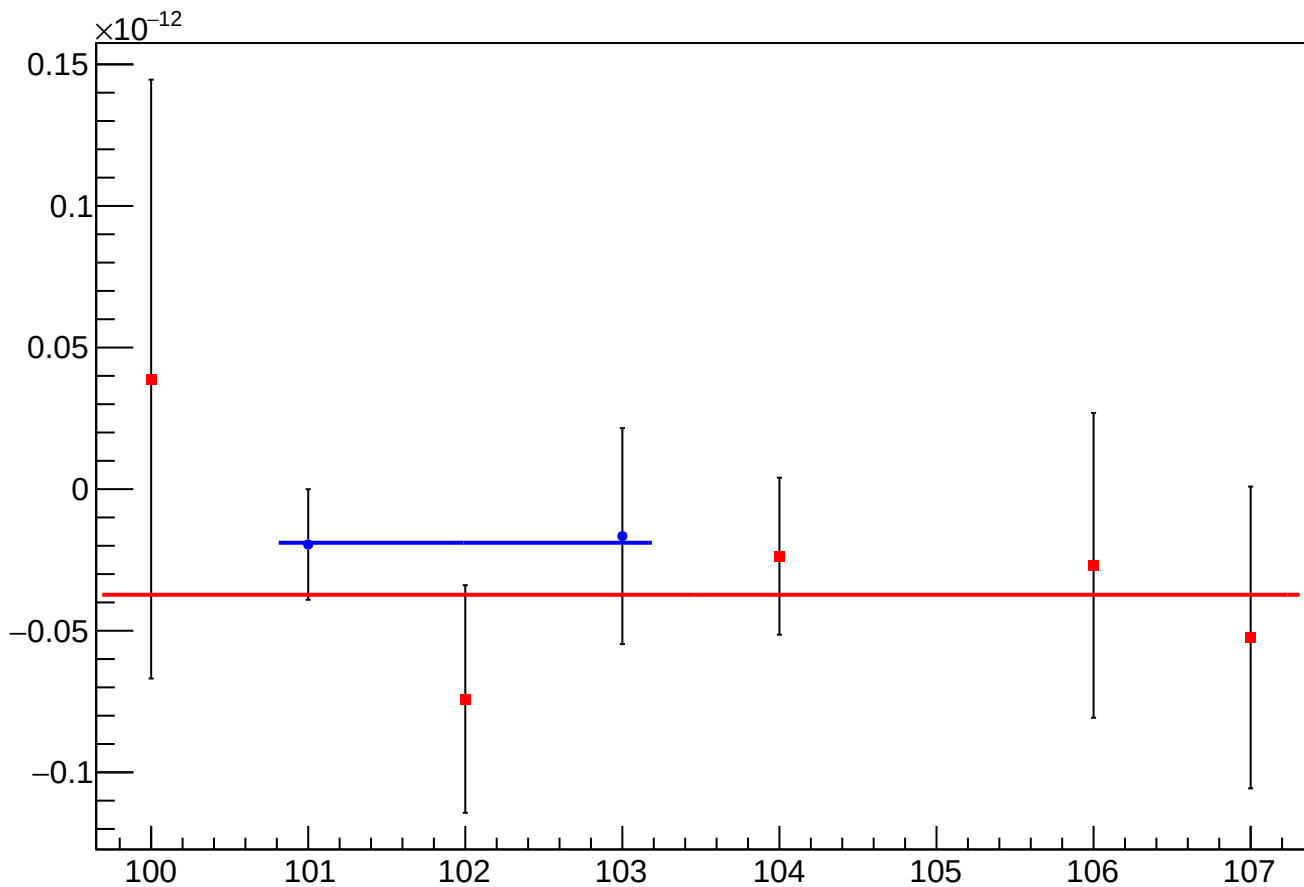
Right: 594.099+/-0.241 χ^2/NDF : 12594.8/6

In: 595.621+/-0.376 χ^2/NDF : 8076.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 594.099+/-0.241 χ^2/NDF : 12594.8/6

asym_sam_15_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/1

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

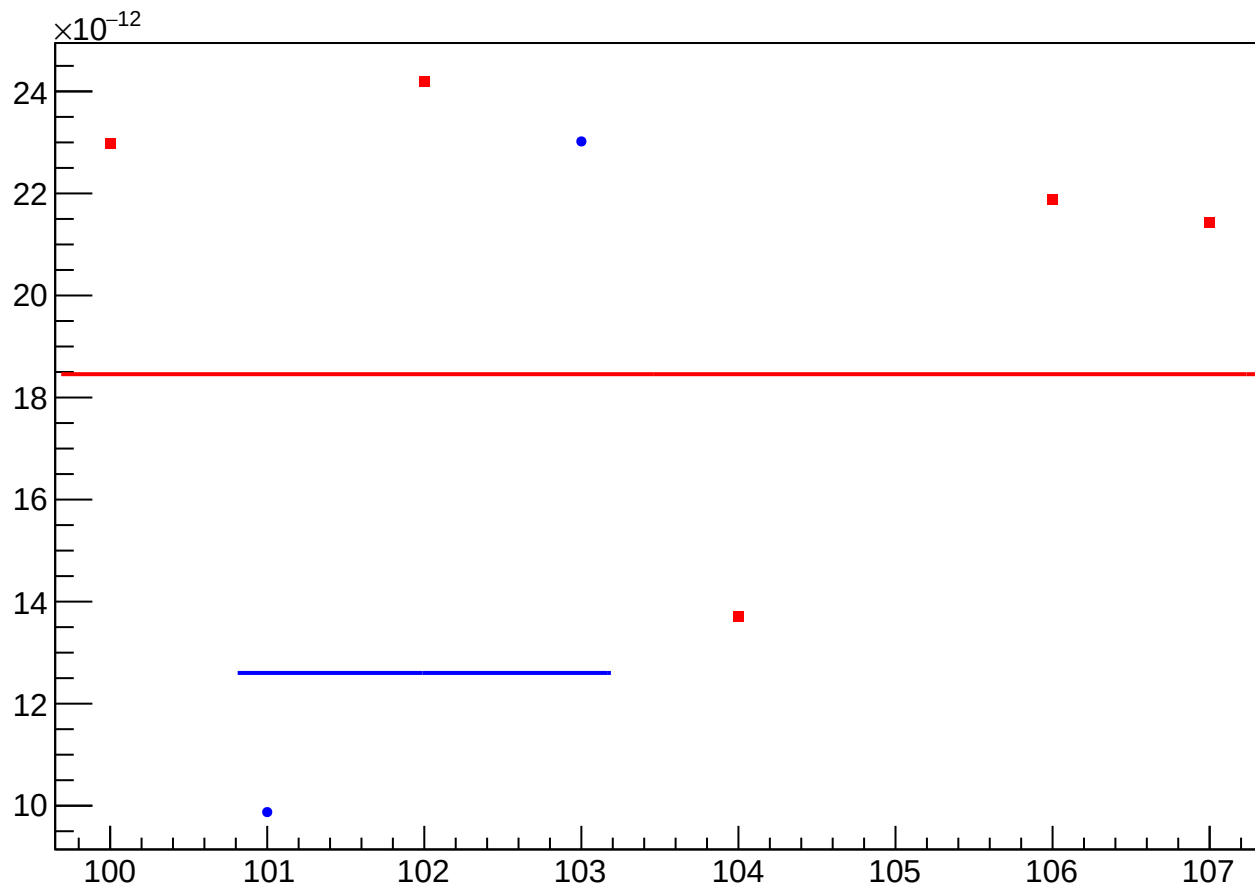
Right: -0.000+/-0.000 χ^2/NDF : 2.2/6

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 2.2/6

asym_sam_15_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 188297.6/1

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

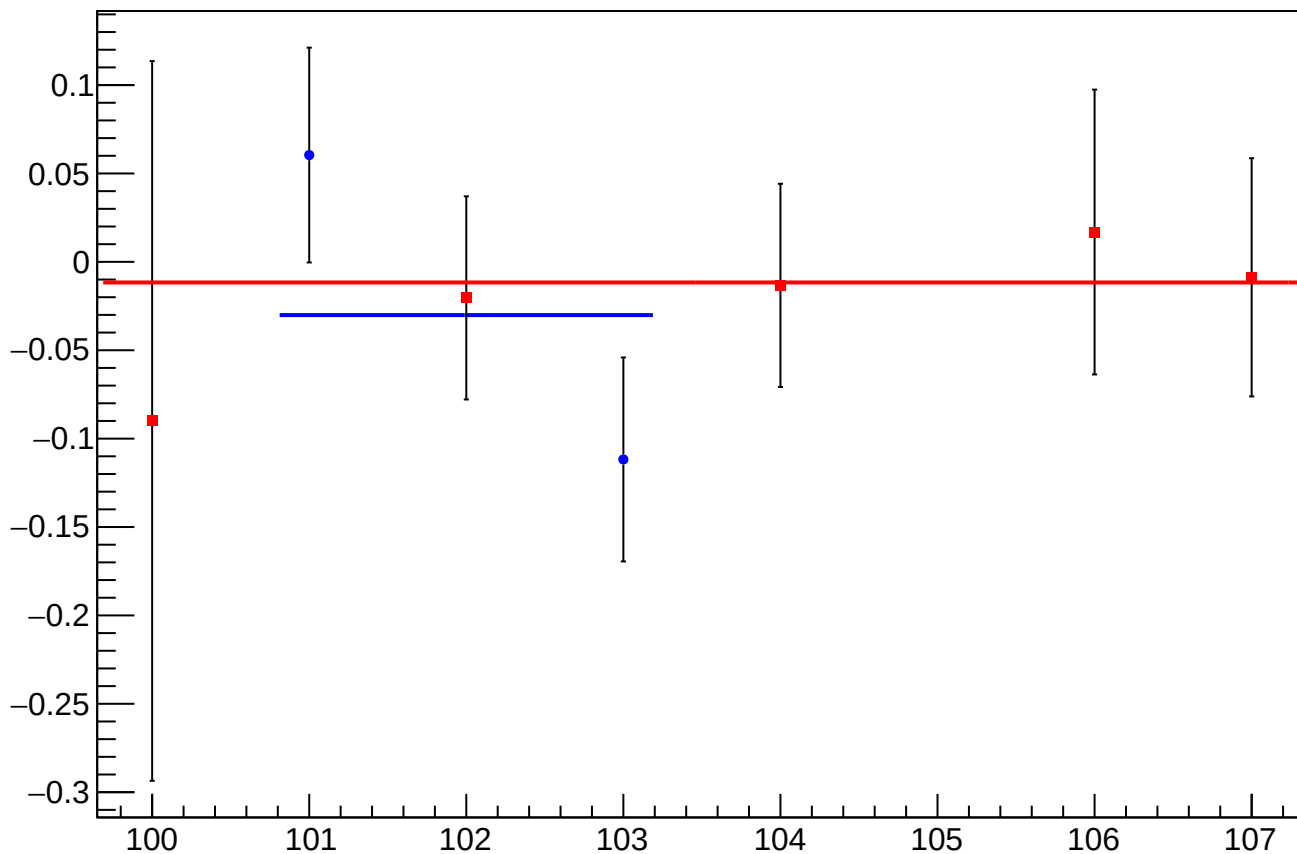
Right: 0.000+/-0.000 χ^2/NDF : 408120.5/6

In: 0.000+/-0.000 χ^2/NDF : 188297.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 408120.5/6

asym_sam_15_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030 $\pm$ 0.042 χ^2 /NDF: 4.2/1

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

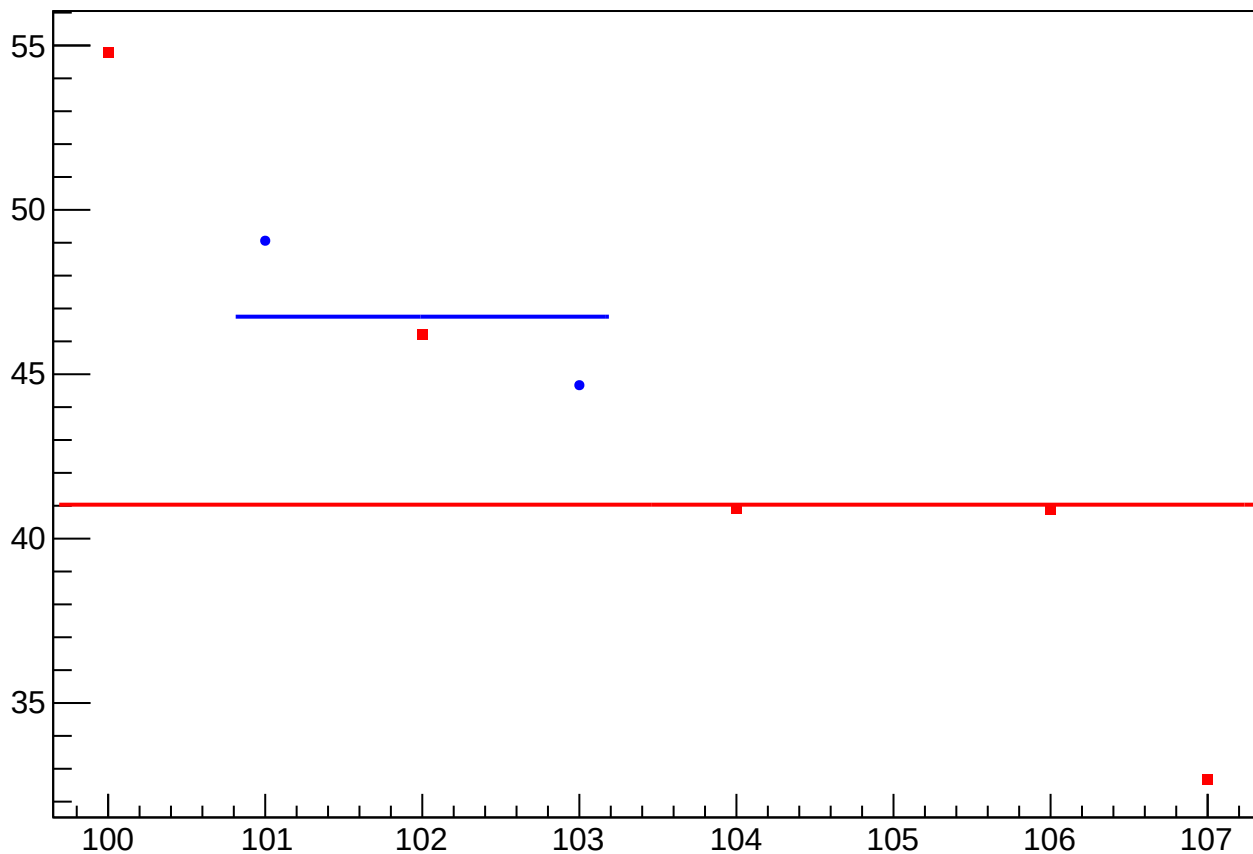
Right: -0.018 $\pm$ 0.025 χ^2 /NDF: 4.6/6

In: -0.030 $\pm$ 0.042 χ^2 /NDF:4.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.025 χ^2 /NDF: 4.6/6

asym_sam_15_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.751+/-0.030 χ^2/NDF : 5500.9/1

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

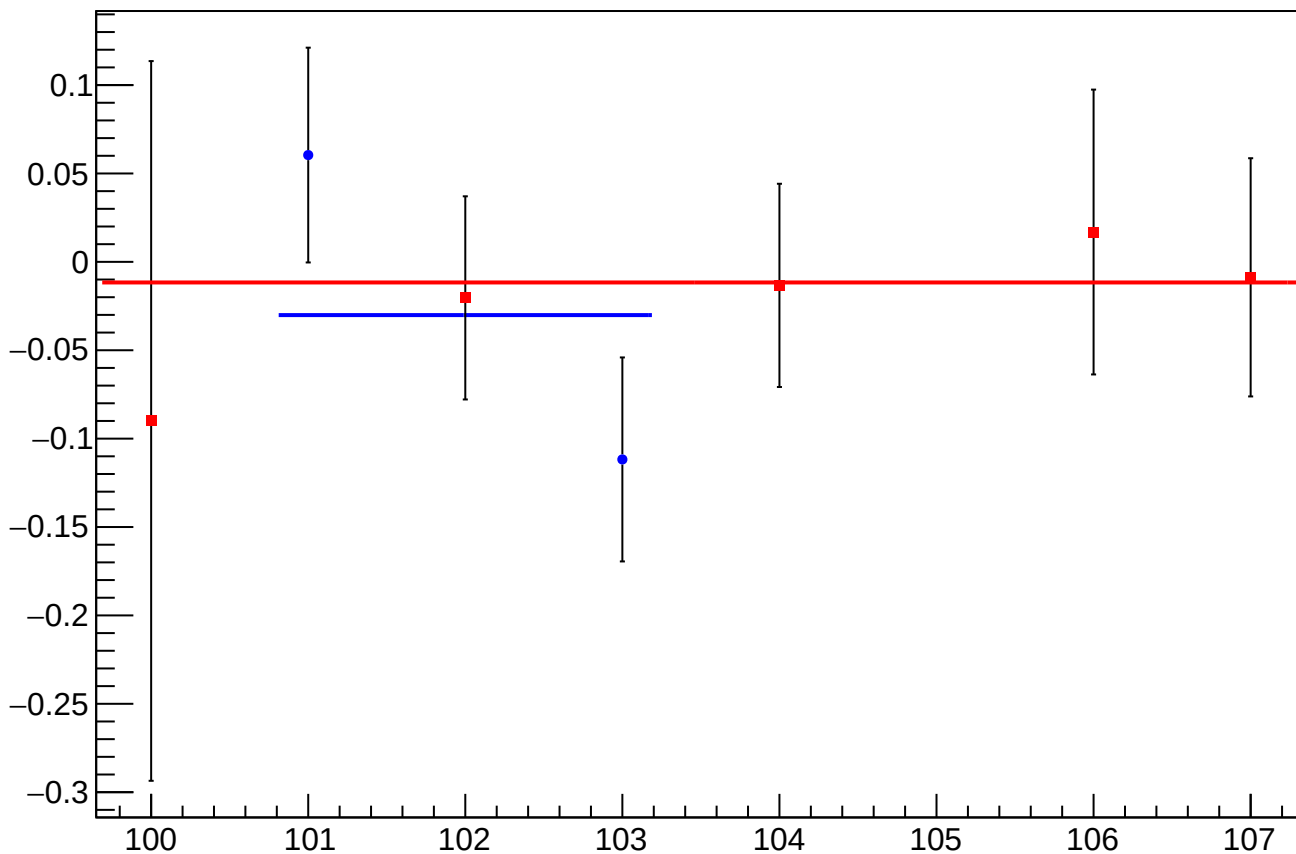
Right: 43.107+/-0.018 χ^2/NDF : 85364.3/6

In: 46.751+/-0.030 χ^2/NDF : 5500.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.107+/-0.018 χ^2/NDF : 85364.3/6

asym_sam_15_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030+/-0.042 χ^2/NDF : 4.2/1

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

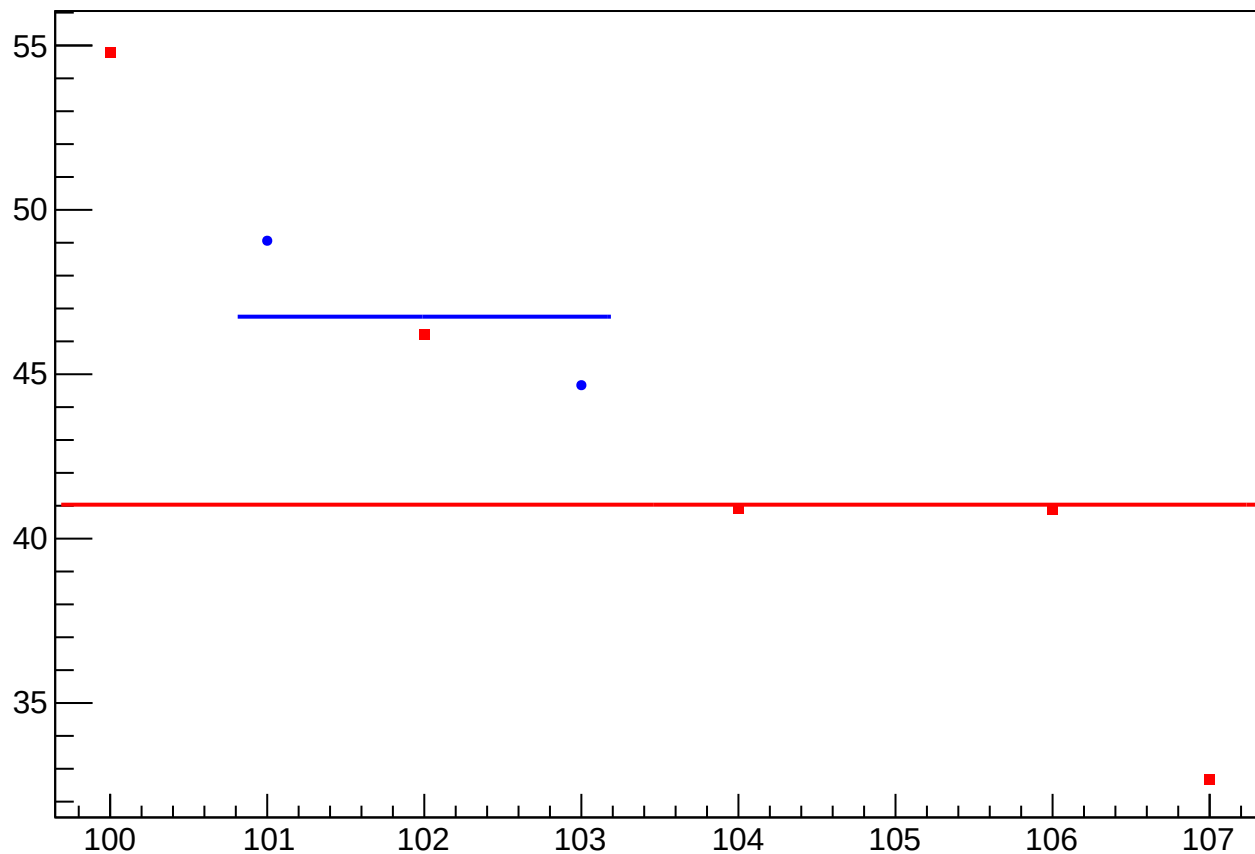
Right: -0.018+/-0.025 χ^2/NDF : 4.6/6

In: -0.030+/-0.042 χ^2/NDF :4.2/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.018+/-0.025 χ^2/NDF : 4.6/6

asym_sam_15_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.751+/-0.030 χ^2/NDF : 5500.9/1

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

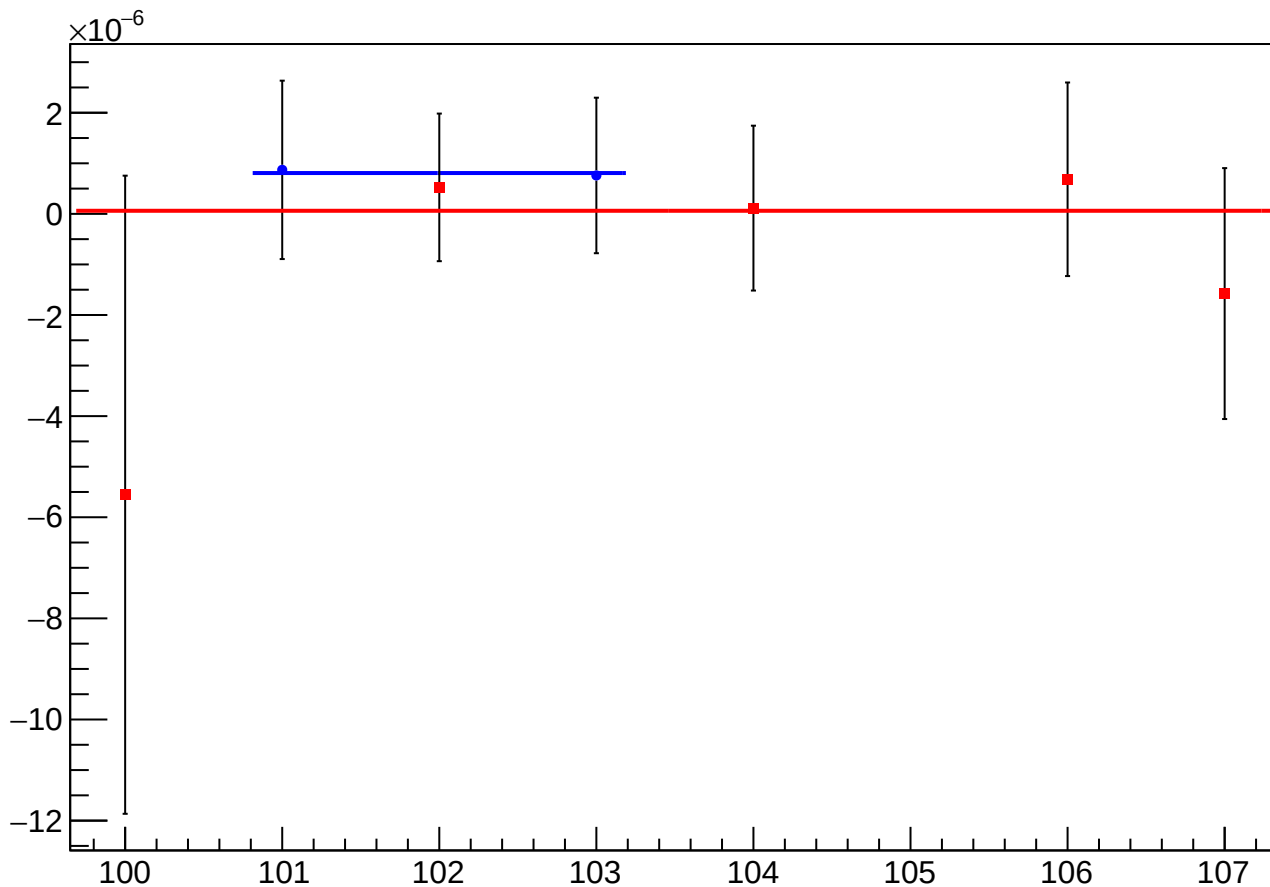
Right: 43.107+/-0.018 χ^2/NDF : 85364.3/6

In: 46.751+/-0.030 χ^2/NDF : 5500.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.107+/-0.018 χ^2/NDF : 85364.3/6

asym_sam_15_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/1

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

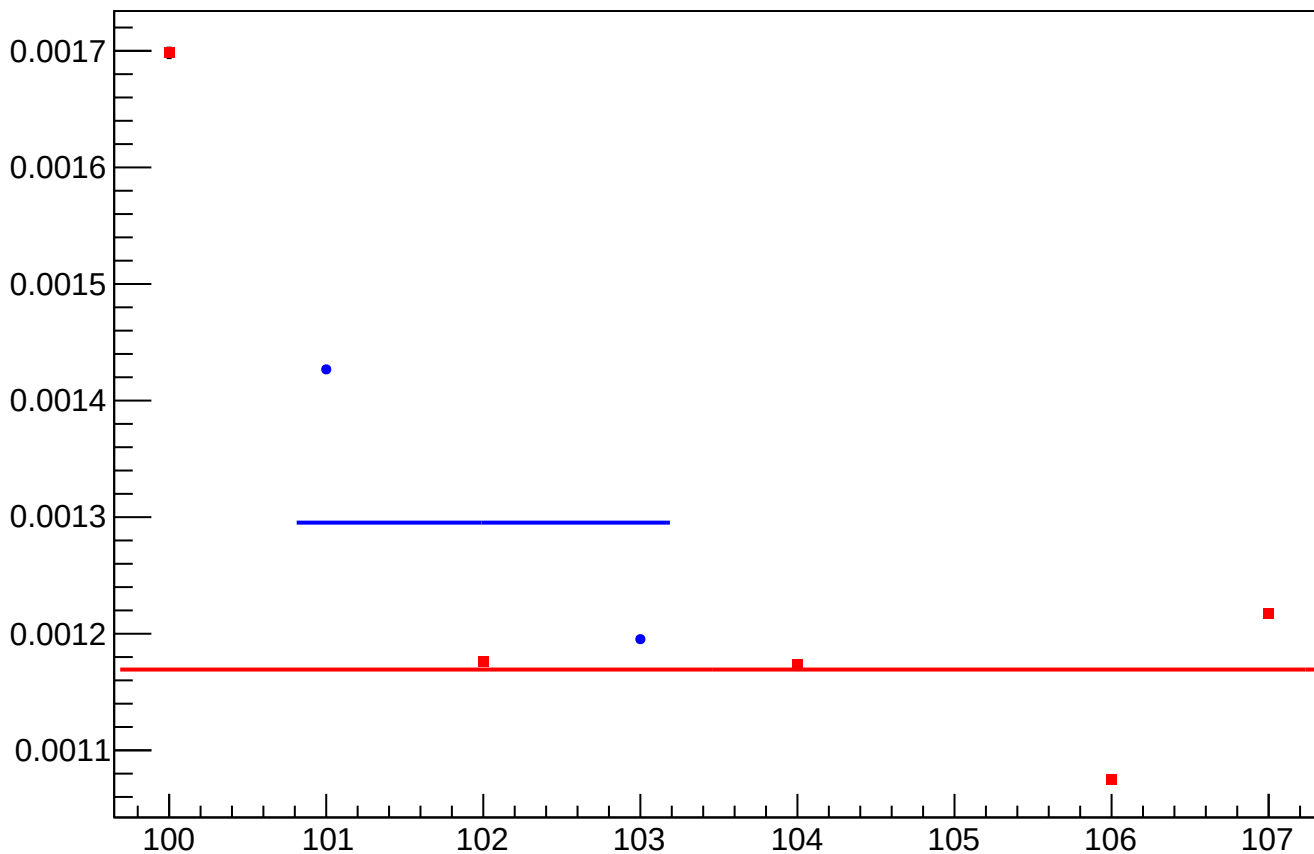
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.7/6

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.7/6

asym_sam_15_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 19556.6/1

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

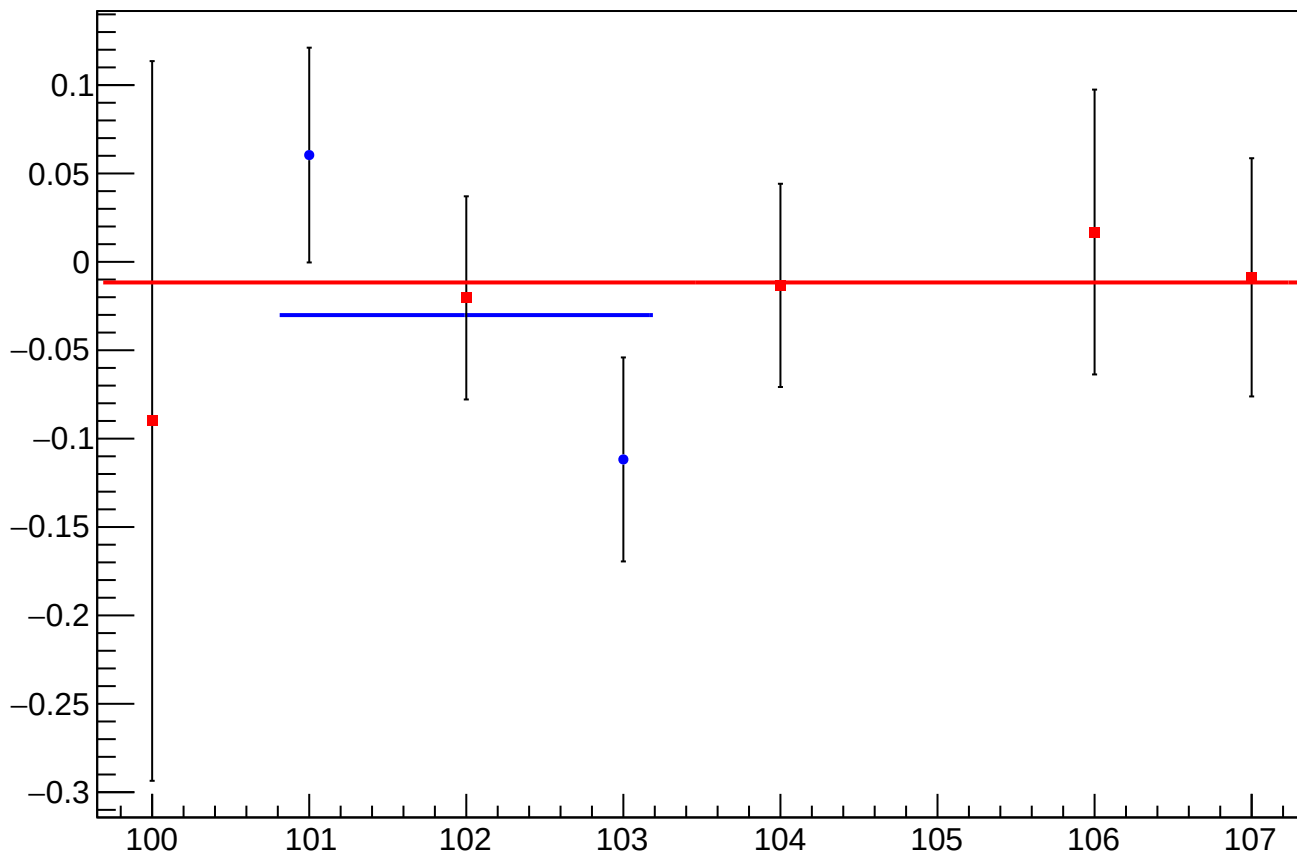
Right: 0.001+/-0.000 χ^2/NDF : 54300.7/6

In: 0.001+/-0.000 χ^2/NDF : 19556.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 54300.7/6

asym_sam_15_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030+/-0.042 χ^2/NDF : 4.2/1

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

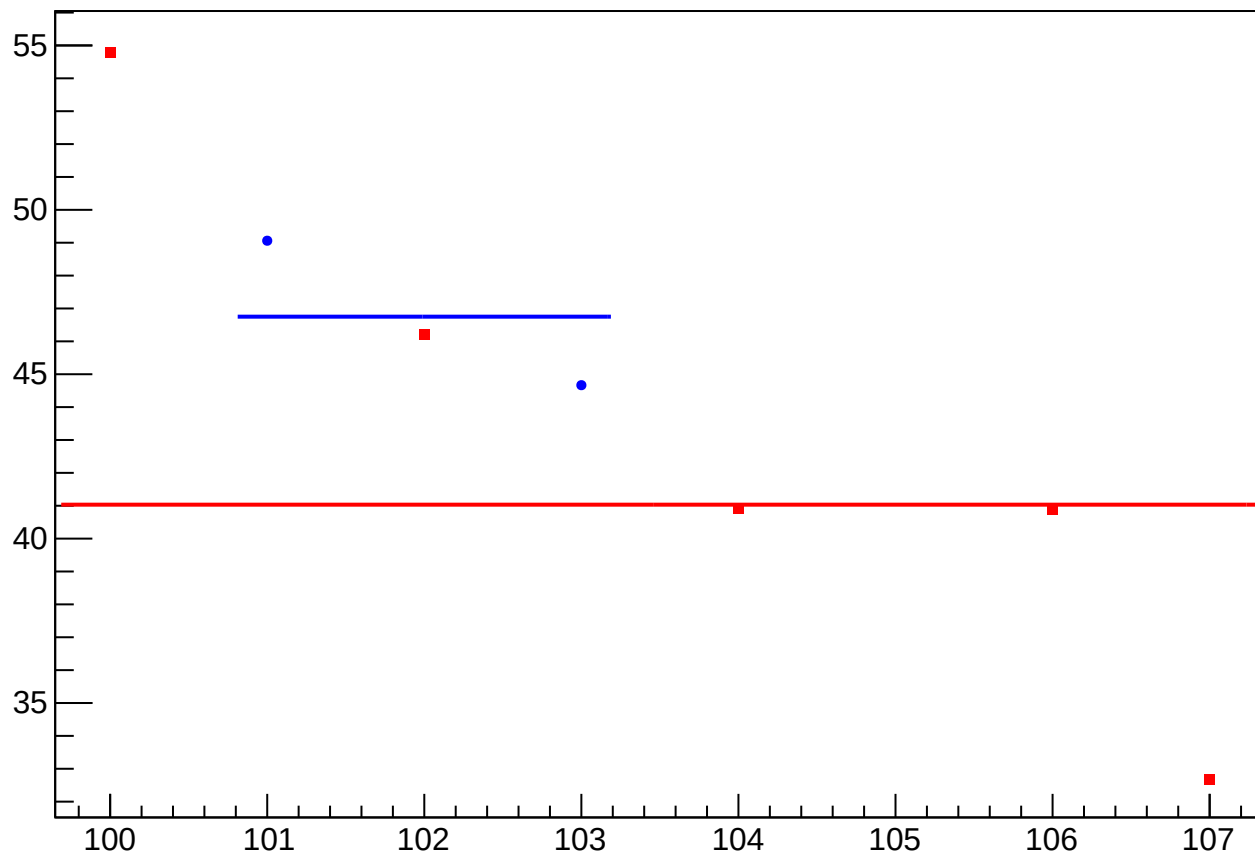
Right: -0.018+/-0.025 χ^2/NDF : 4.6/6

In: -0.030+/-0.042 χ^2/NDF :4.2/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.018+/-0.025 χ^2/NDF : 4.6/6

asym_sam_15_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.751+/-0.030 χ^2/NDF : 5500.5/1

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

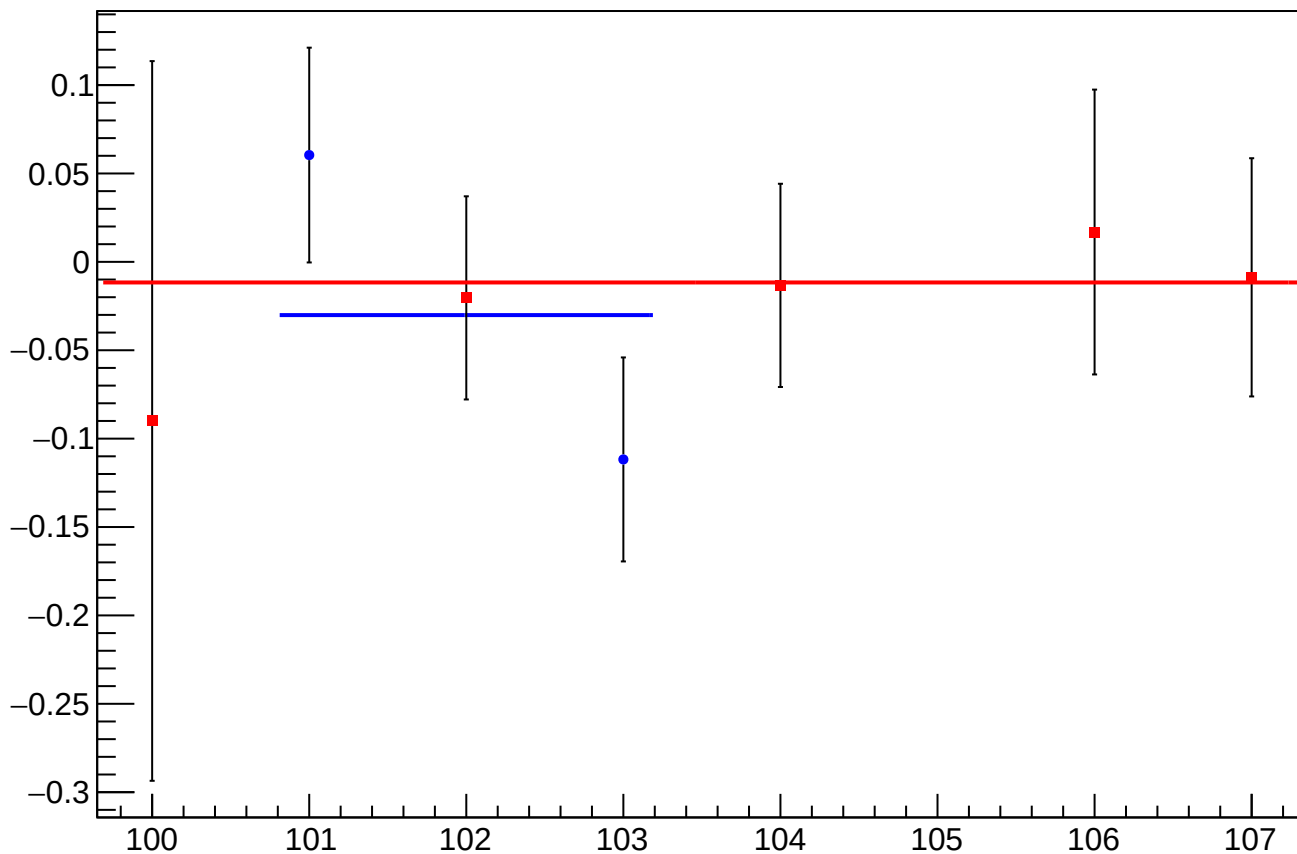
Right: 43.106+/-0.018 χ^2/NDF : 85360.3/6

In: 46.751+/-0.030 χ^2/NDF : 5500.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.106+/-0.018 χ^2/NDF : 85360.3/6

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030+/-0.042 χ^2/NDF : 4.2/1

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

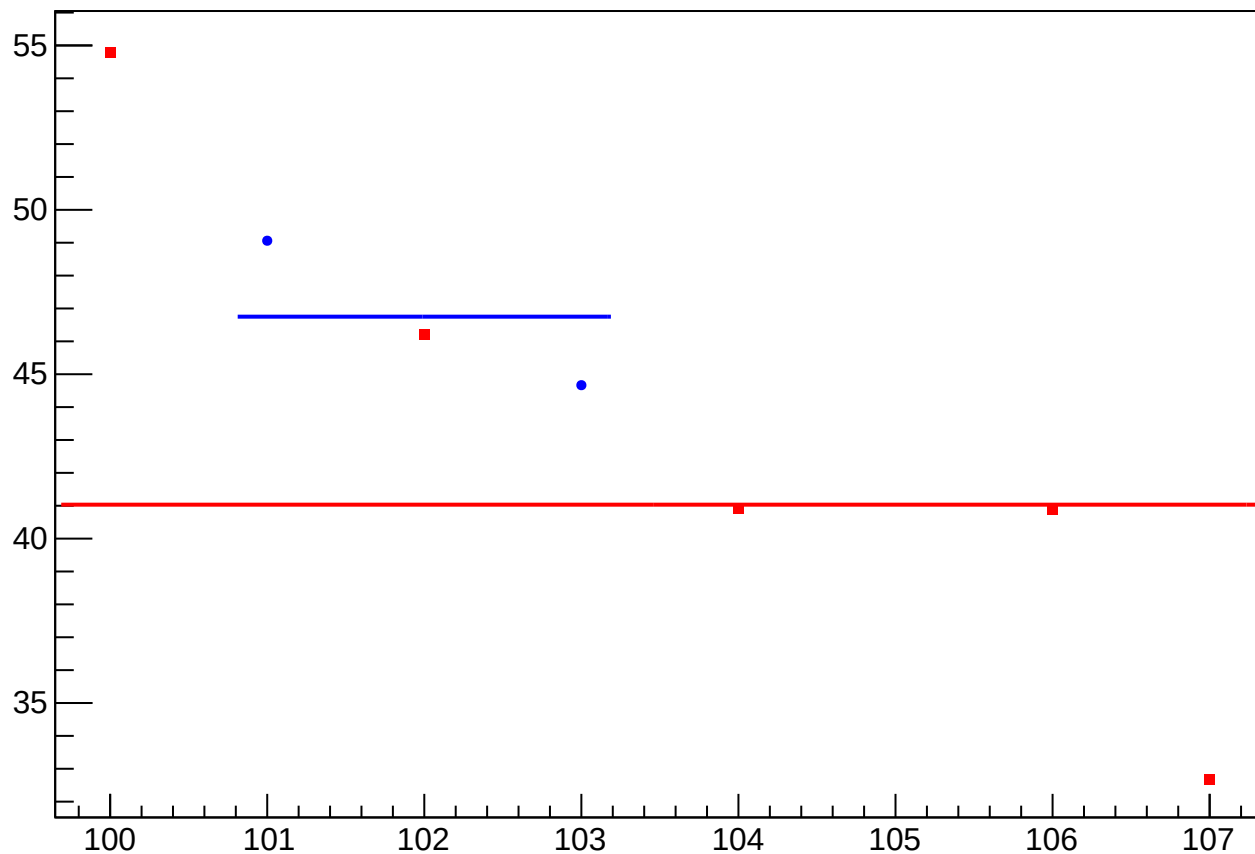
Right: -0.018+/-0.025 χ^2/NDF : 4.6/6

In: -0.030+/-0.042 χ^2/NDF : 4.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-0.025 χ^2/NDF : 4.6/6

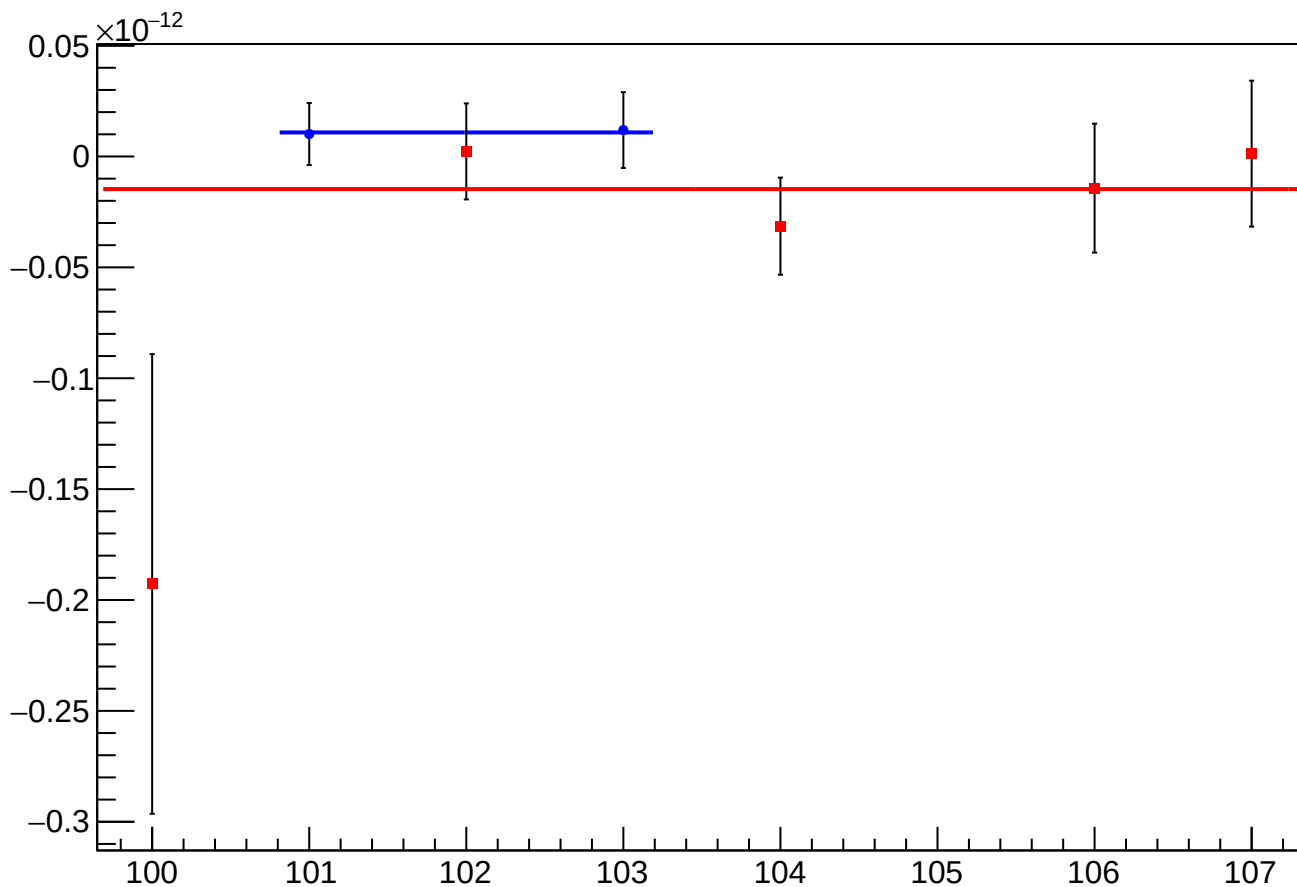
asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.751 $\pm$ 0.030 χ^2 /NDF: 5500.5/1
 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: 43.106 $\pm$ 0.018 χ^2 /NDF: 85360.3/6
 In: 46.751 $\pm$ 0.030 χ^2 /NDF: 5500.5/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 43.106 $\pm$ 0.018 χ^2 /NDF: 85360.3/6

asym_sam_15_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 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

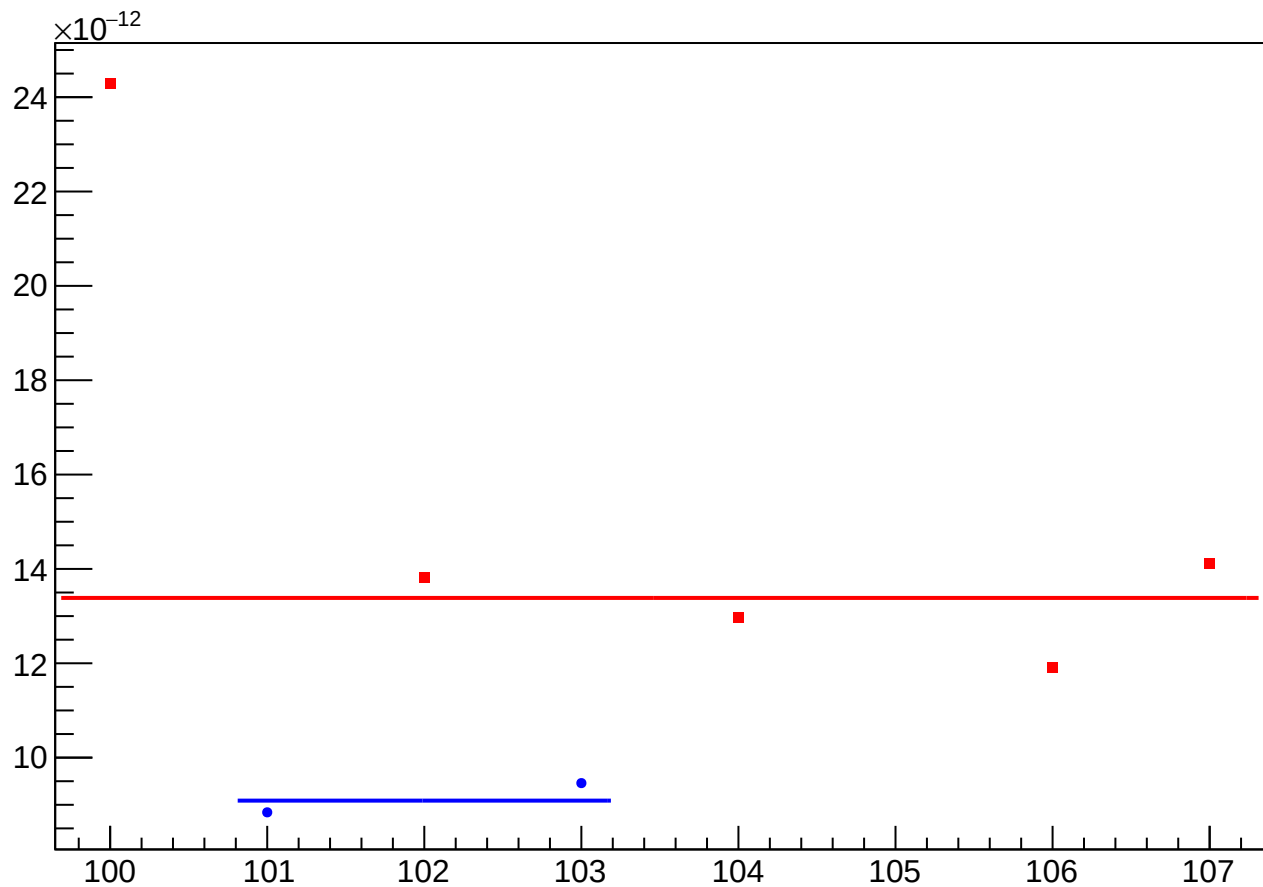
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.8/6

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.8/6

asym_sam_15_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1572.1/1

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

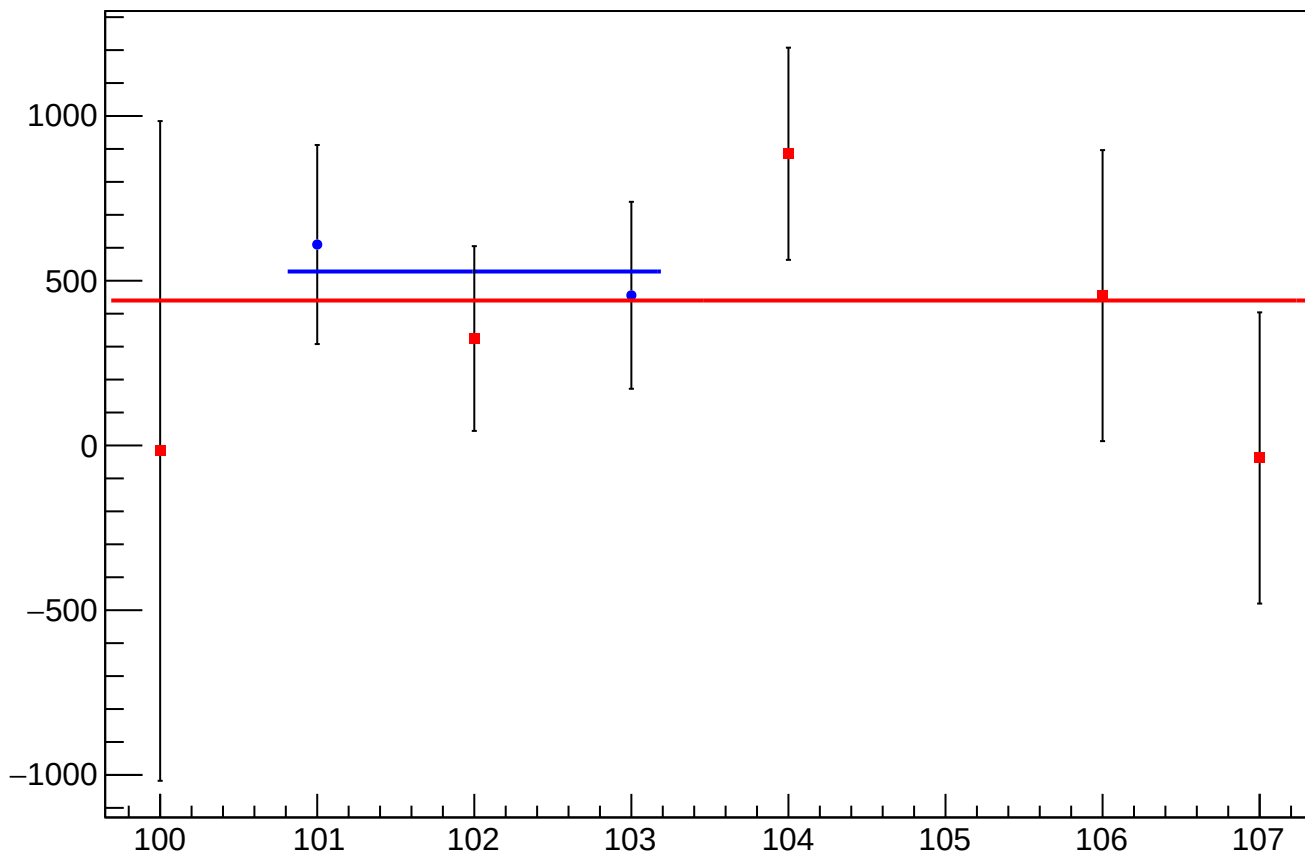
Right: 0.000+/-0.000 χ^2/NDF : 166670.8/6

In: 0.000+/-0.000 χ^2/NDF : 1572.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 166670.8/6

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 527.986 $\pm$ 206.829 χ^2 /NDF: 0.1/1

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

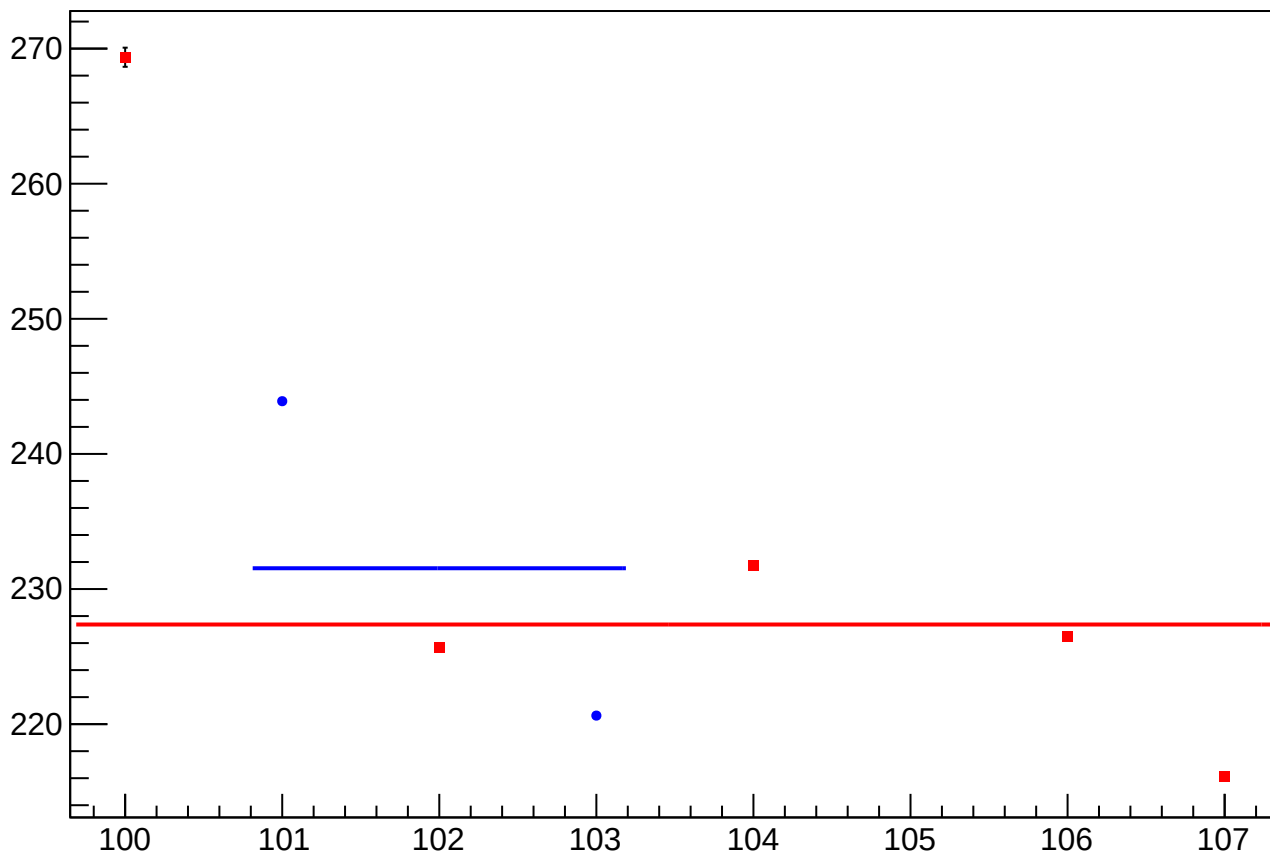
Right: 476.076 $\pm$ 132.468 χ^2 /NDF: 3.7/6

In: 527.986 $\pm$ 206.829 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 476.076 $\pm$ 132.468 χ^2 /NDF: 3.7/6

reg_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 231.539+/-0.146 χ^2/NDF : 6304.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 227.375+/-0.122 χ^2/NDF : 5270.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

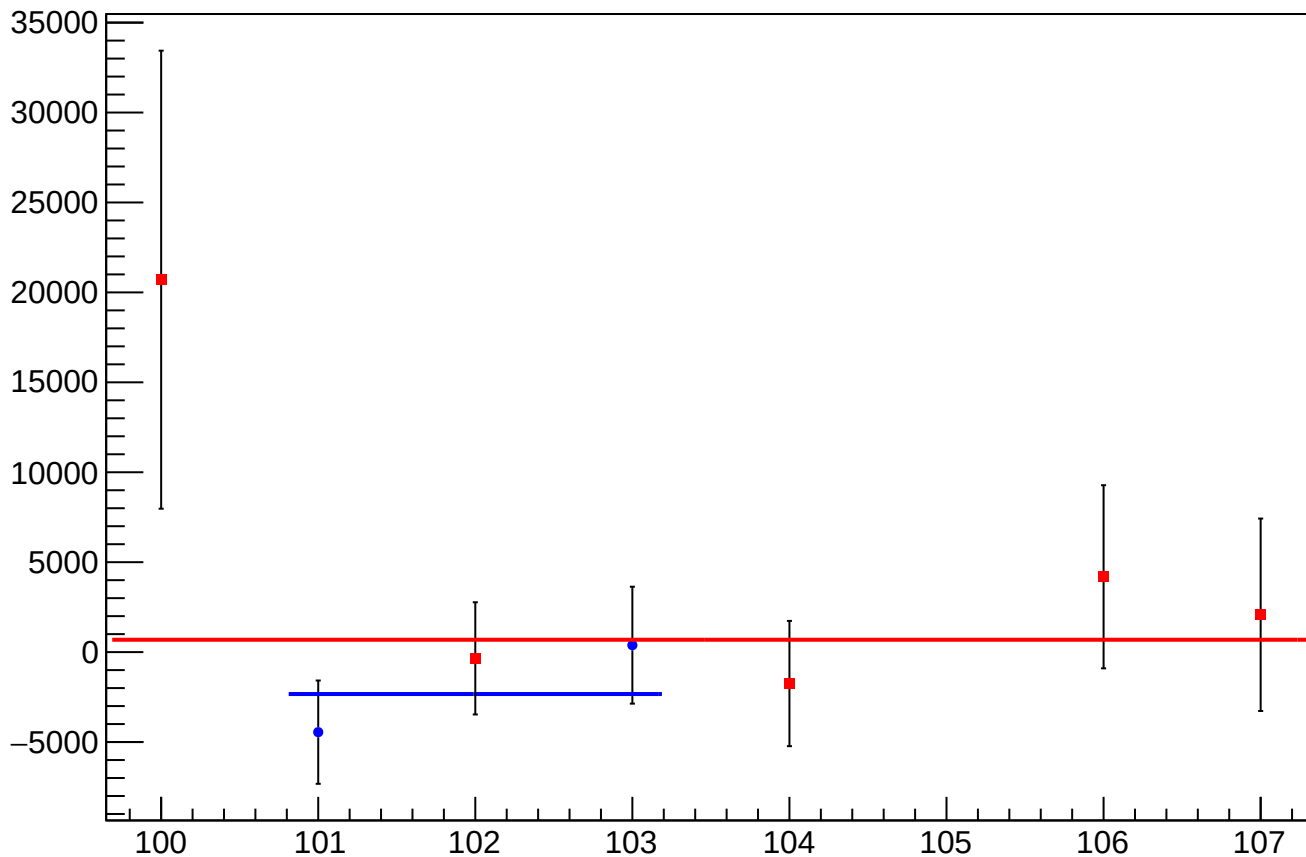
Right: 229.083+/-0.094 χ^2/NDF : 12052.8/6

In: 231.539+/-0.146 χ^2/NDF : 6304.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 229.083+/-0.094 χ^2/NDF : 12052.8/6

asym_sam_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -2330.868+/-2151.873 χ^2/NDF : 1.2/1

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

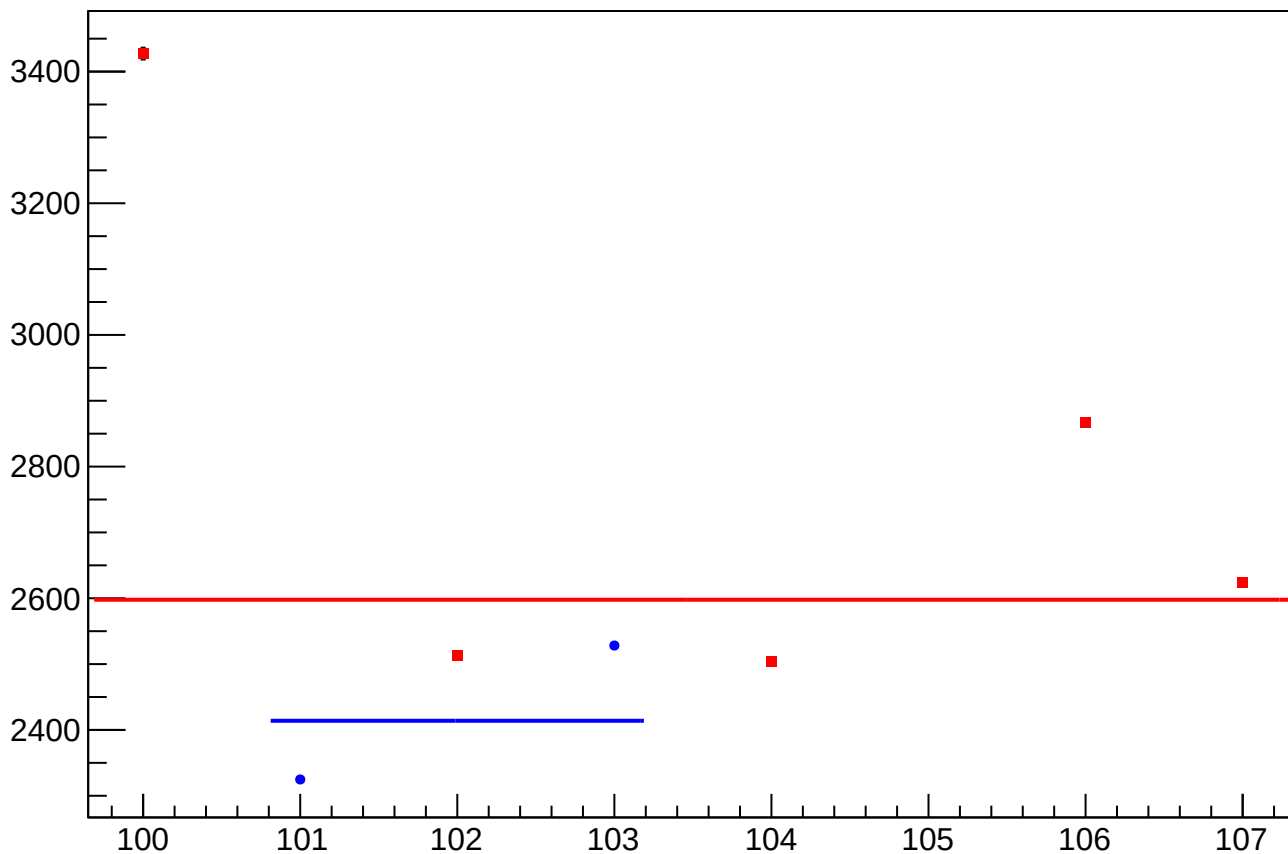
Right: -668.178+/-1441.972 χ^2/NDF : 5.9/6

In: -2330.868+/-2151.873 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -668.178+/-1441.972 χ^2/NDF : 5.9/6

asym_sam_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2413.927+/-1.522 χ^2/NDF : 4400.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2597.774+/-1.374 χ^2/NDF : 17020.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

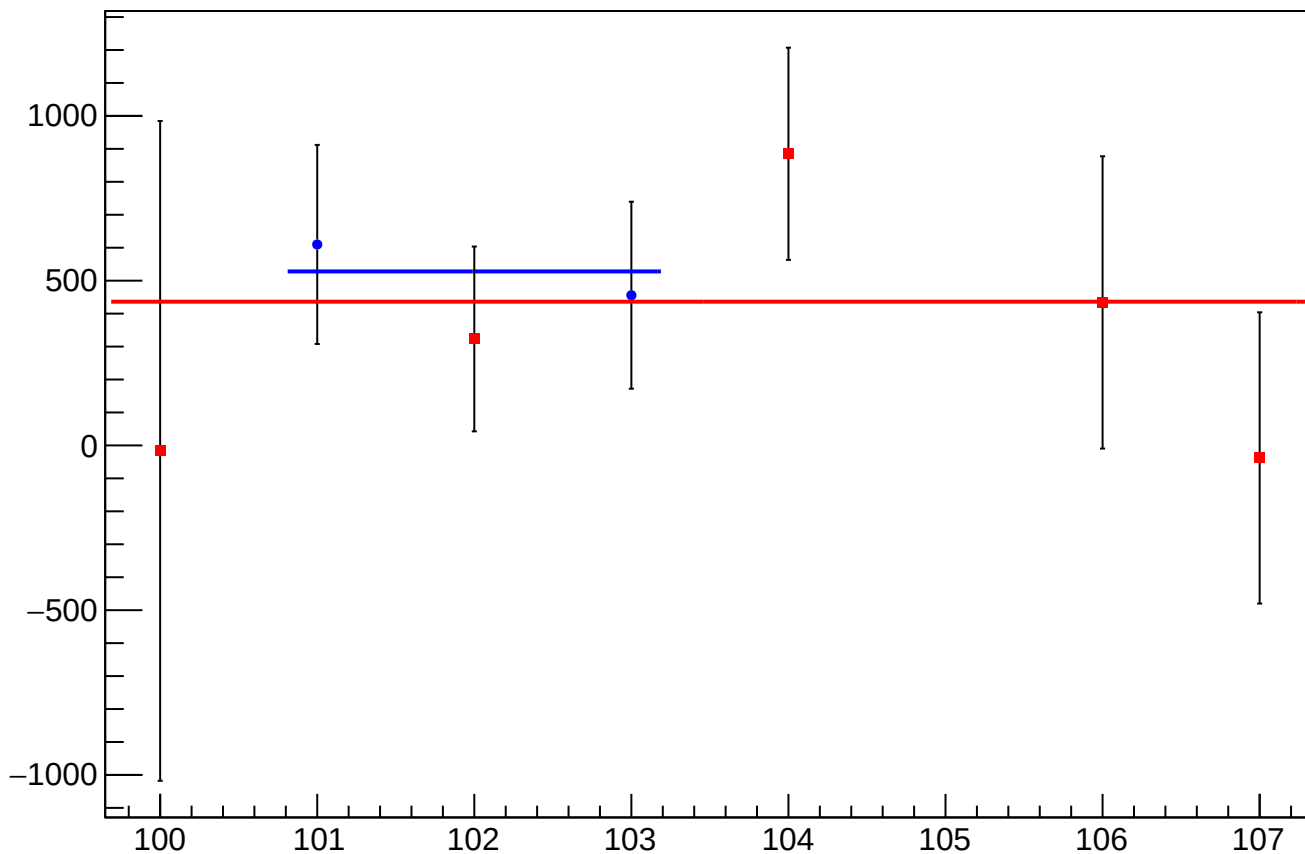
Right: 2515.220+/-1.020 χ^2/NDF : 29463.8/6

In: 2413.927+/-1.522 χ^2/NDF : 4400.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2515.220+/-1.020 χ^2/NDF : 29463.8/6

cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 528.023+/-206.829 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 436.193+/-172.616 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

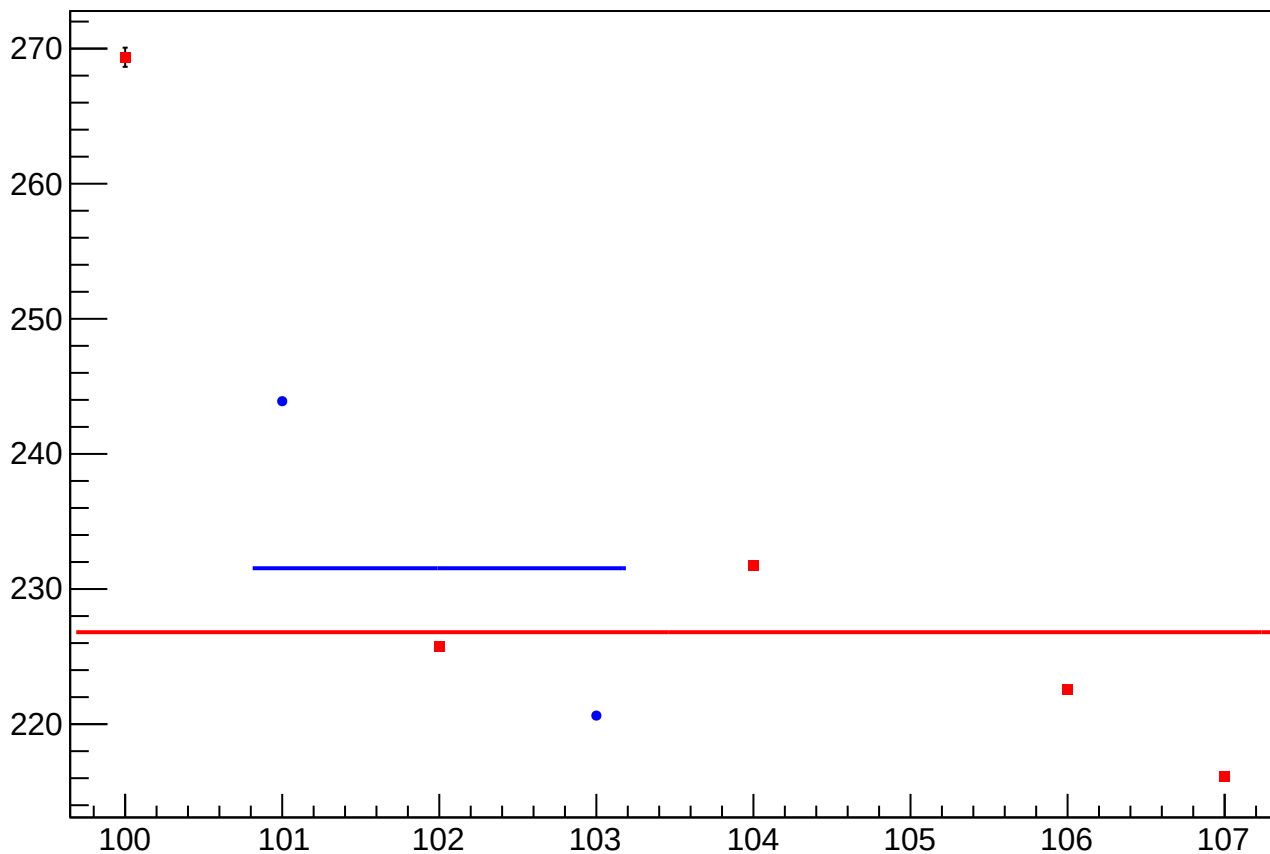
Right: 473.895+/-132.526 χ^2/NDF : 3.7/6

In: 528.023+/-206.829 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 473.895+/-132.526 χ^2/NDF : 3.7/6

cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 231.539 ± 0.146 $\chi^2/\text{NDF}: 6304.5/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 226.805 ± 0.122 $\chi^2/\text{NDF}: 5472.8/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

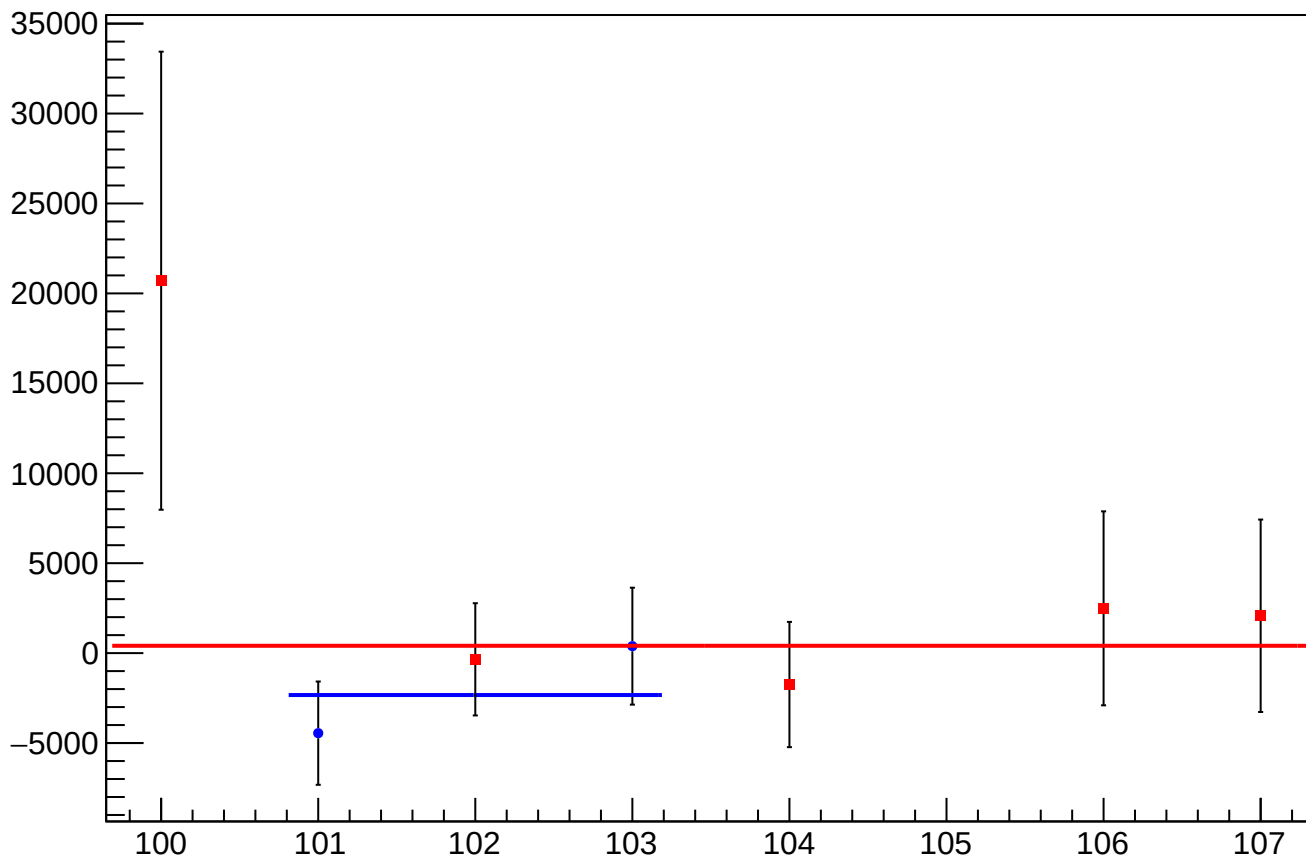
Right: 228.749 ± 0.094 $\chi^2/\text{NDF}: 12394.9/6$

In: 231.539 ± 0.146 $\chi^2/\text{NDF}: 6304.5/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 228.749 ± 0.094 $\chi^2/\text{NDF}: 12394.9/6$

asym_sam_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -2330.609+/-2151.897 χ^2/NDF : 1.2/1

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

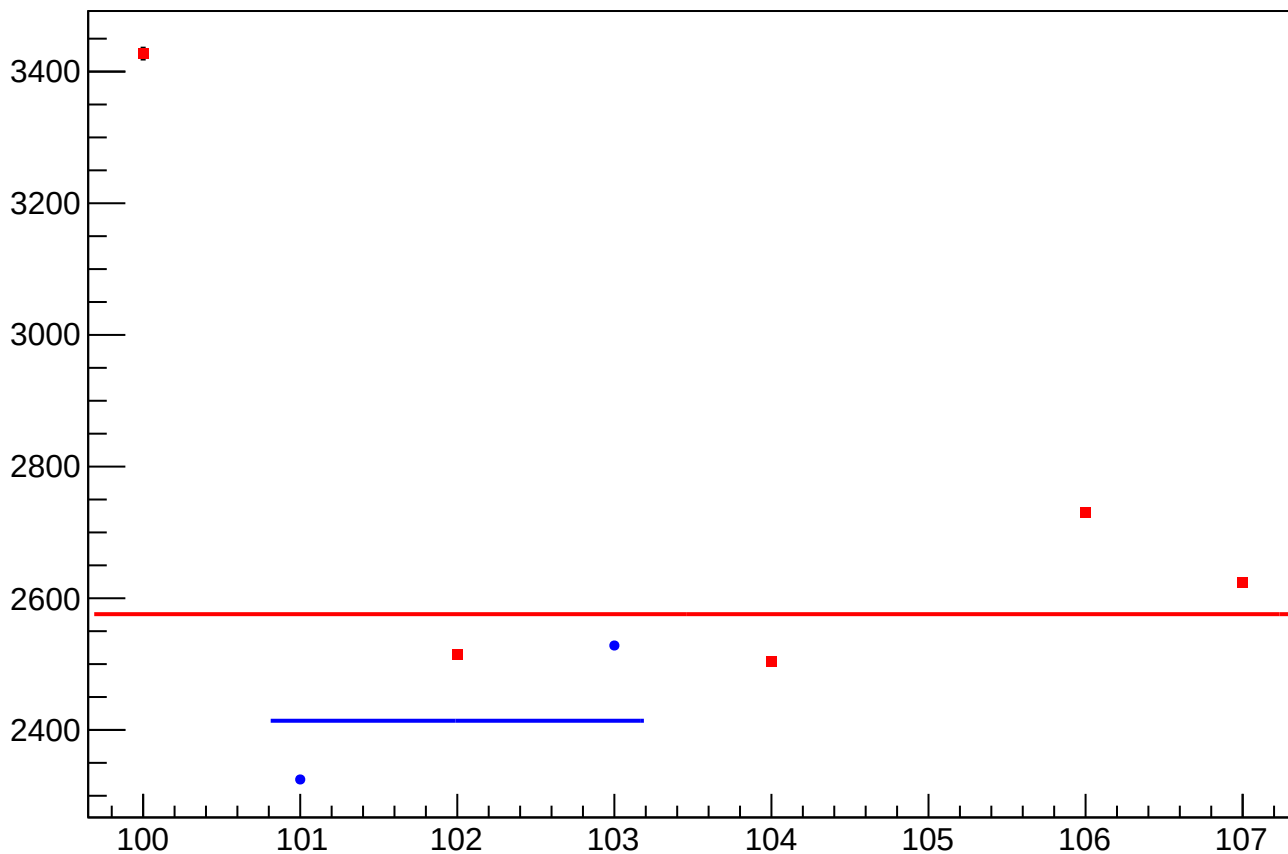
Right: -832.975+/-1448.421 χ^2/NDF : 5.4/6

In: -2330.609+/-2151.897 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -832.975+/-1448.421 χ^2/NDF : 5.4/6

asym_sam_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2413.952 $\pm$ 1.522 χ^2 /NDF: 4402.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2575.851 $\pm$ 1.385 χ^2 /NDF: 12363.1/4

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

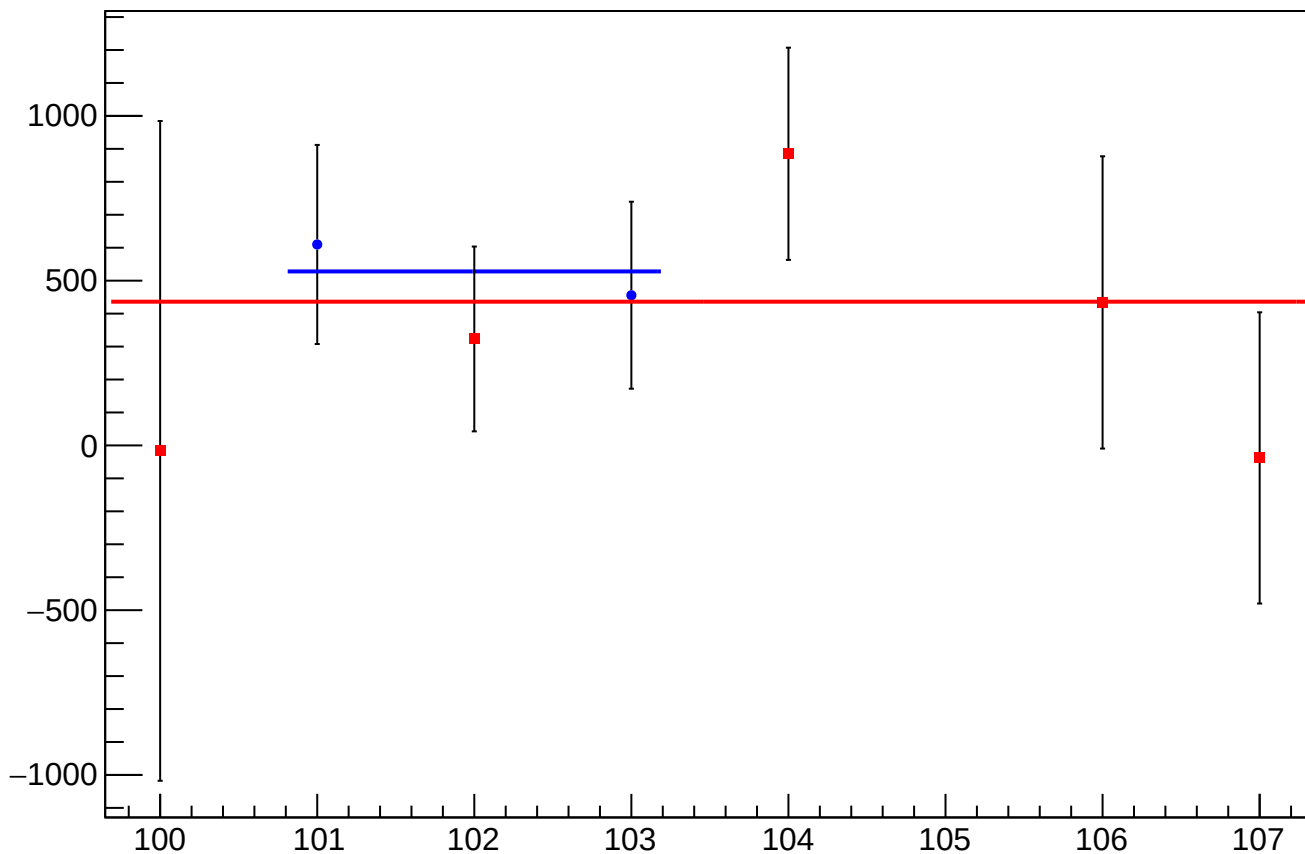
Right: 2502.502 $\pm$ 1.024 χ^2 /NDF: 22957.2/6

In: 2413.952 $\pm$ 1.522 χ^2 /NDF:4402.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2502.502 $\pm$ 1.024 χ^2 /NDF: 22957.2/6

eigen_cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 528.023+/-206.829 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 436.193+/-172.616 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

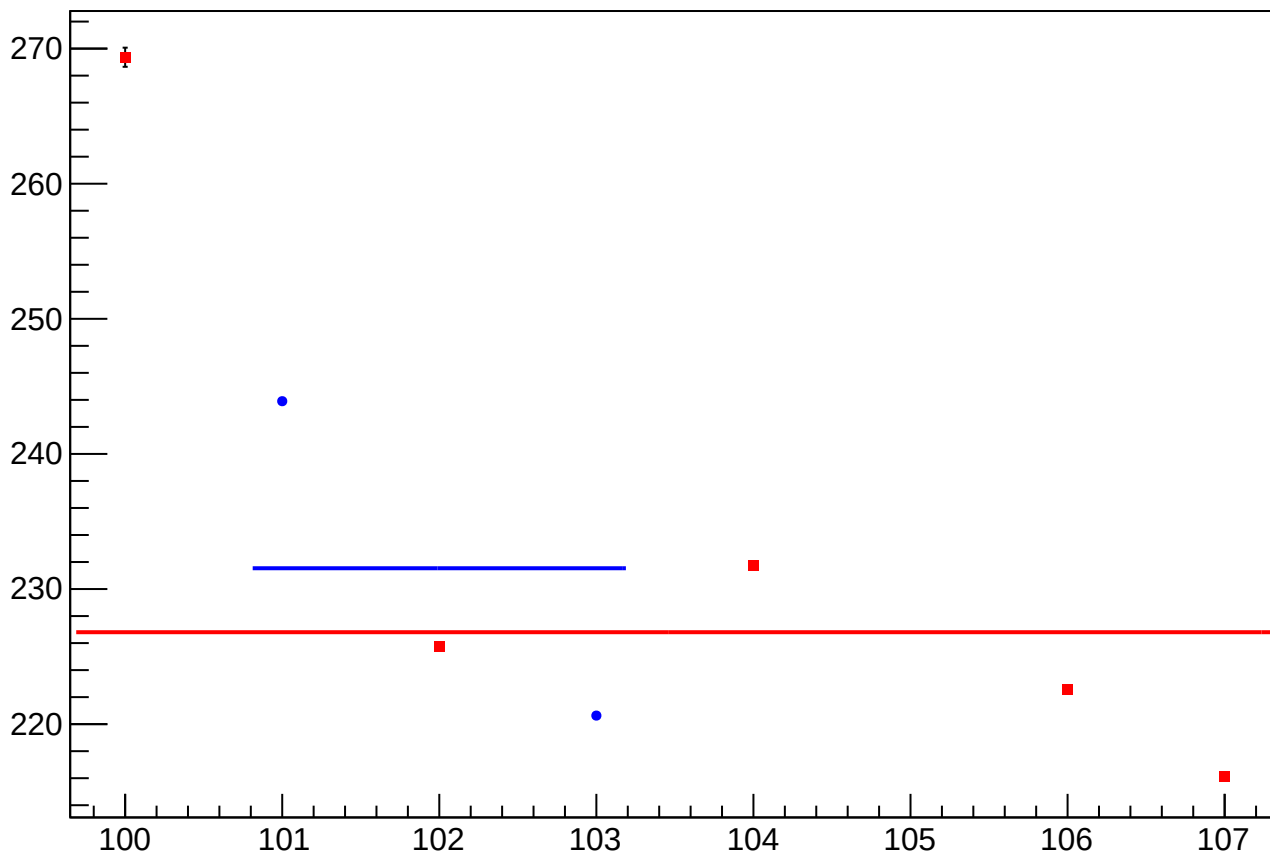
Right: 473.895+/-132.526 χ^2/NDF : 3.7/6

In: 528.023+/-206.829 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 473.895+/-132.526 χ^2/NDF : 3.7/6

eigen_cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 231.539+/-0.146 χ^2/NDF : 6304.5/1

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

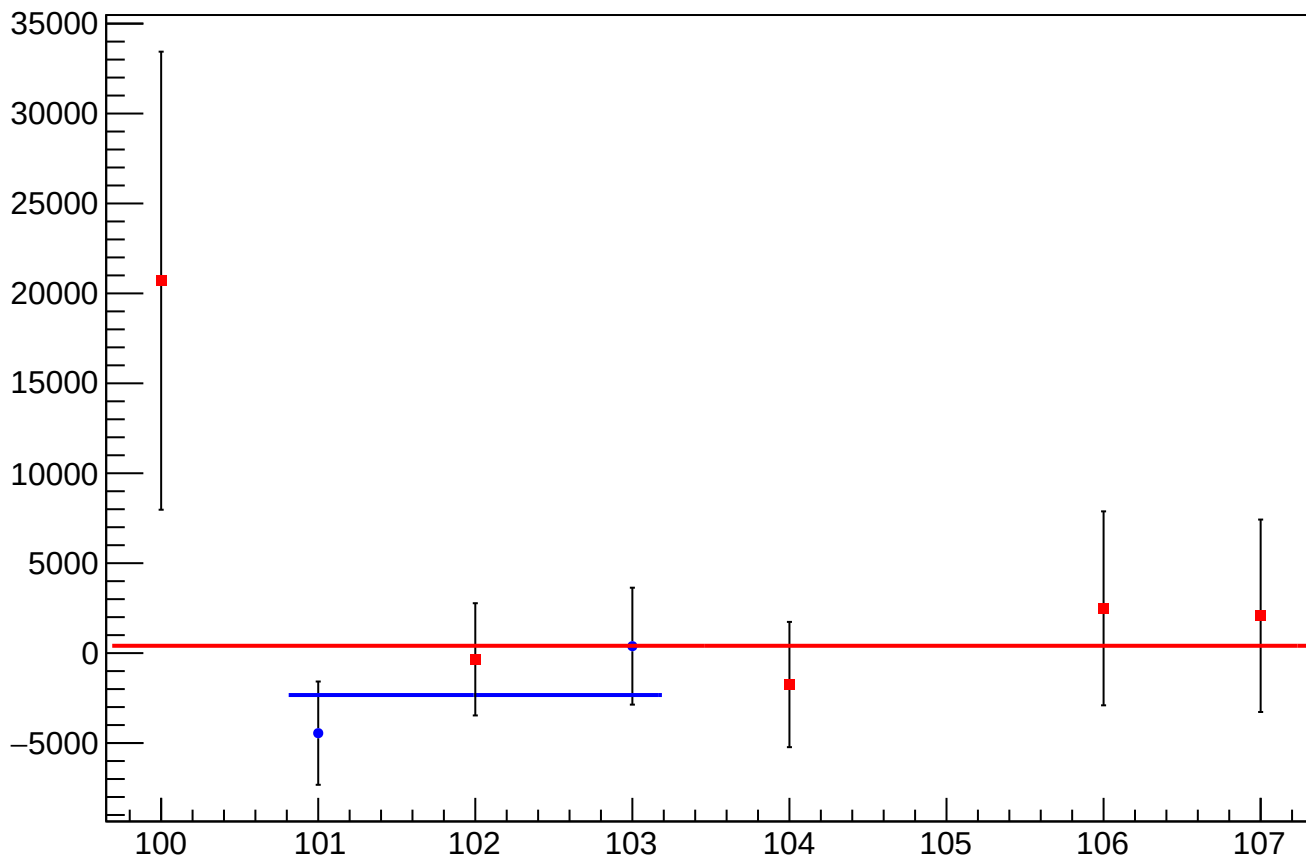
Right: 228.749+/-0.094 χ^2/NDF : 12394.9/6

In: 231.539+/-0.146 χ^2/NDF : 6304.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.749+/-0.094 χ^2/NDF : 12394.9/6

asym_sam_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -2330.609+/-2151.897 χ^2/NDF : 1.2/1

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

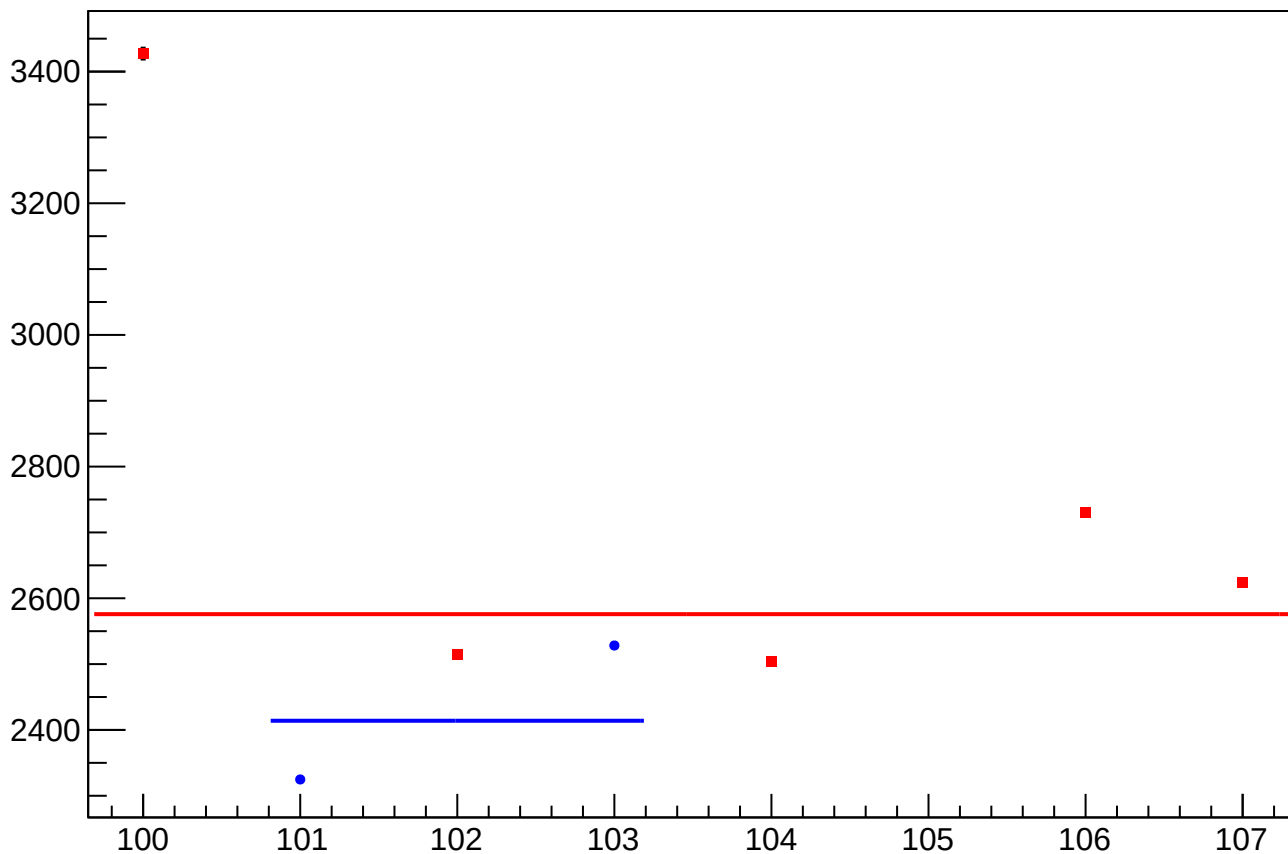
Right: -832.975+/-1448.421 χ^2/NDF : 5.4/6

In: -2330.609+/-2151.897 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -832.975+/-1448.421 χ^2/NDF : 5.4/6

asym_sam_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2413.952+/-1.522 χ^2/NDF : 4402.2/1

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

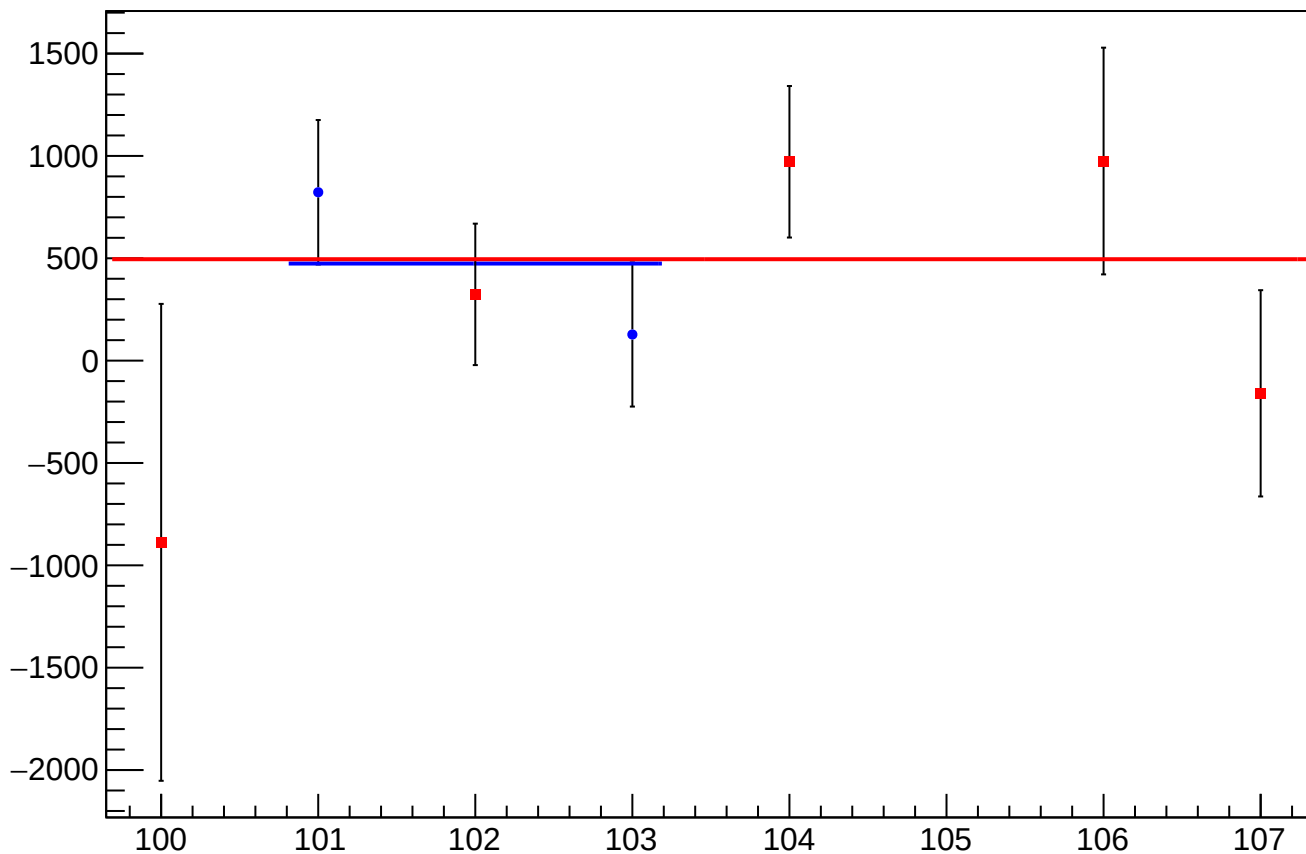
Right: 2502.502+/-1.024 χ^2/NDF : 22957.2/6

In: 2413.952+/-1.522 χ^2/NDF : 4402.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2502.502+/-1.024 χ^2/NDF : 22957.2/6

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 474.327+/-249.238 χ^2/NDF : 1.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 495.449+/-205.772 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

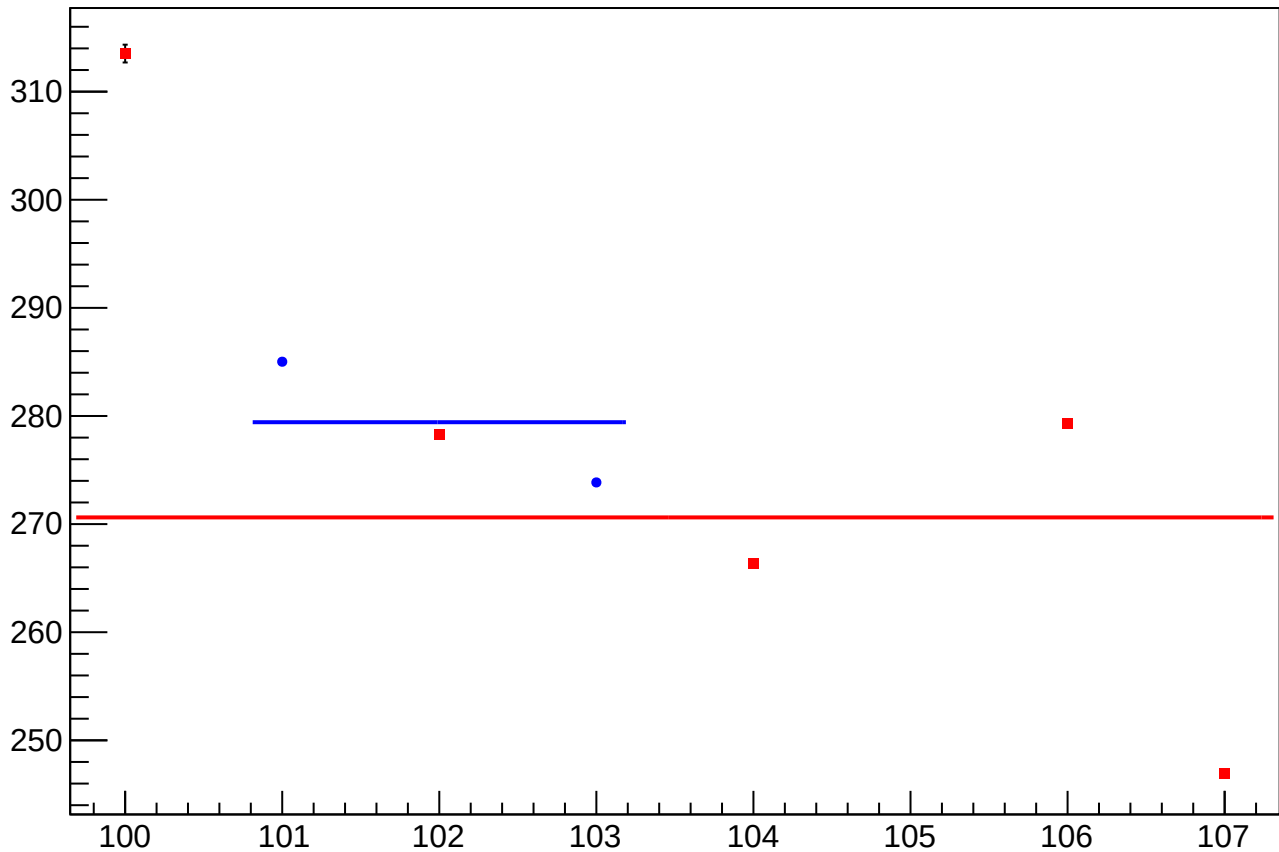
Right: 486.888+/-158.680 χ^2/NDF : 7.7/6

In: 474.327+/-249.238 χ^2/NDF : 1.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 486.888+/-158.680 χ^2/NDF : 7.7/6

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 279.425+/-0.176 χ^2/NDF : 1003.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 270.619+/-0.146 χ^2/NDF : 8896.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

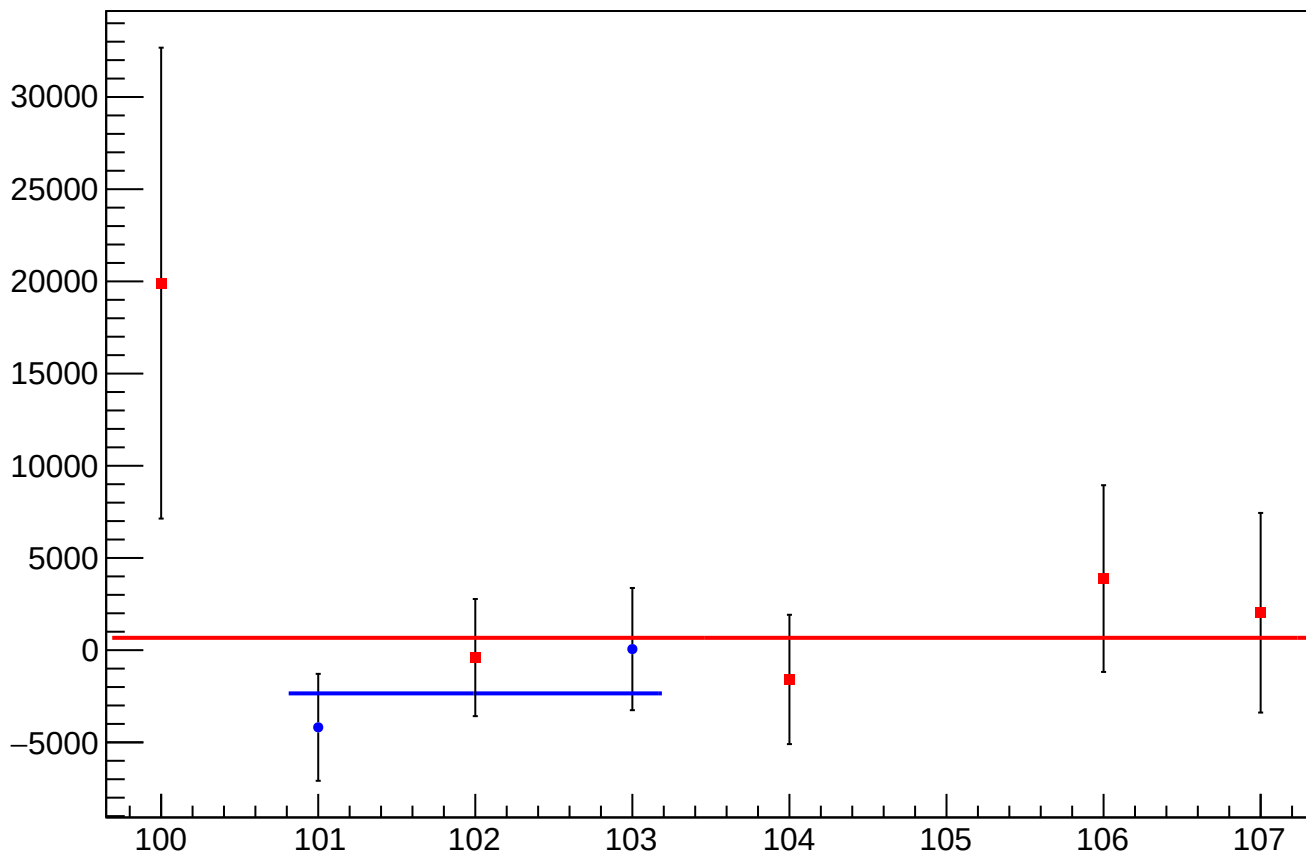
Right: 274.188+/-0.112 χ^2/NDF : 11384.2/6

In: 279.425+/-0.176 χ^2/NDF : 1003.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 274.188+/-0.112 χ^2/NDF : 11384.2/6

asym_sam_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -2344.510+/-2182.224 χ^2/NDF : 0.9/1

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

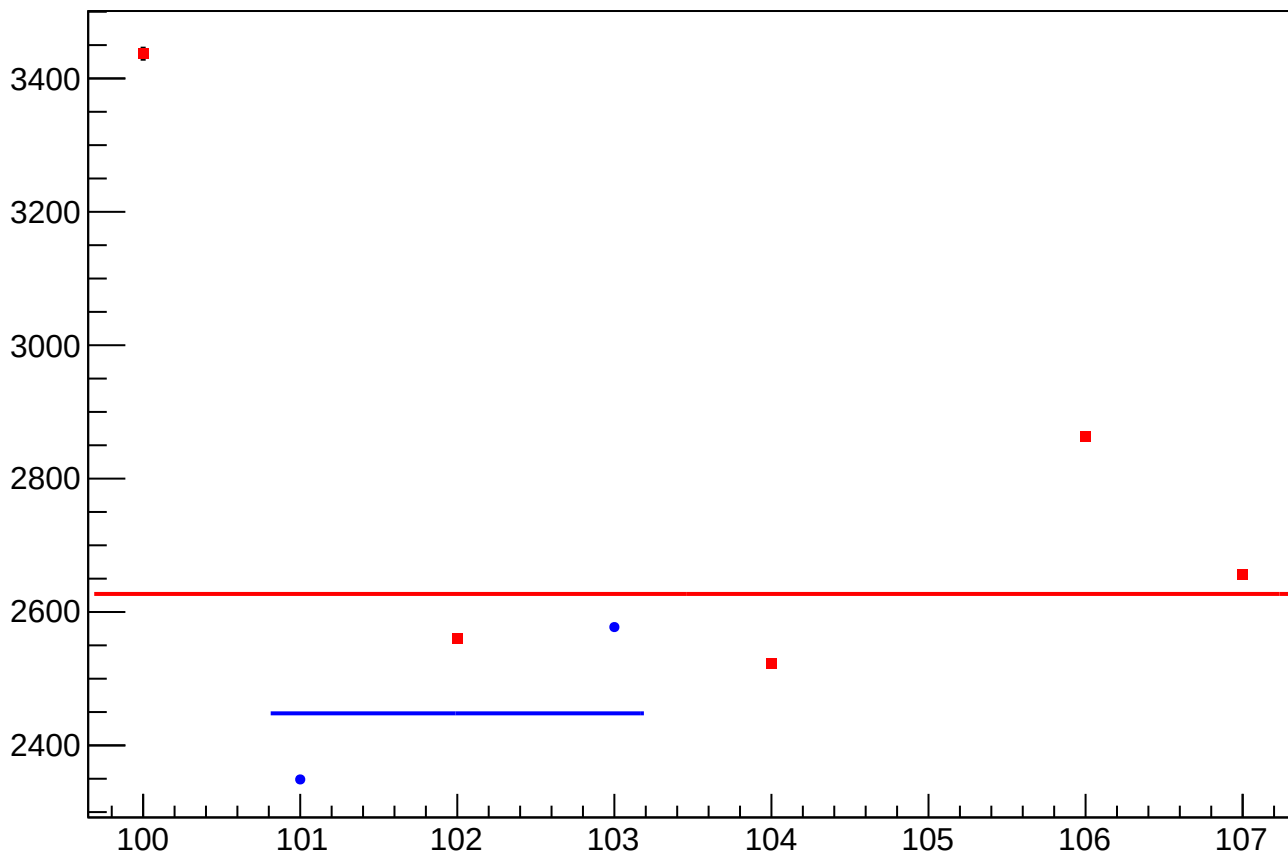
Right: -678.375+/-1459.193 χ^2/NDF : 5.2/6

In: -2344.510+/-2182.224 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -678.375+/-1459.193 χ^2/NDF : 5.2/6

asym_sam_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2448.058+/-1.543 χ^2/NDF : 5383.7/1

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

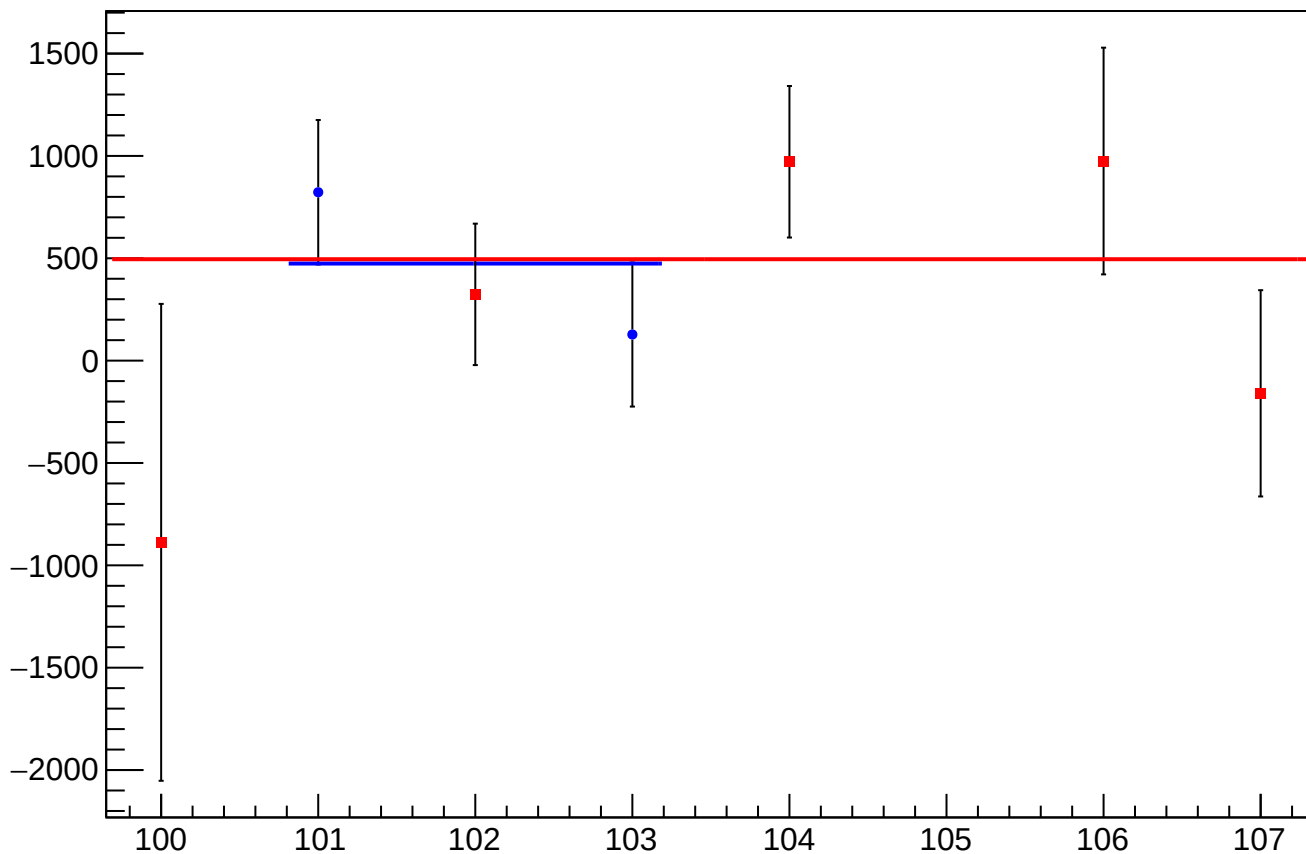
Right: 2547.037+/-1.032 χ^2/NDF : 27938.0/6

In: 2448.058+/-1.543 χ^2/NDF : 5383.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2547.037+/-1.032 χ^2/NDF : 27938.0/6

eigen_dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 474.322+/-249.237 χ^2/NDF : 1.9/1

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

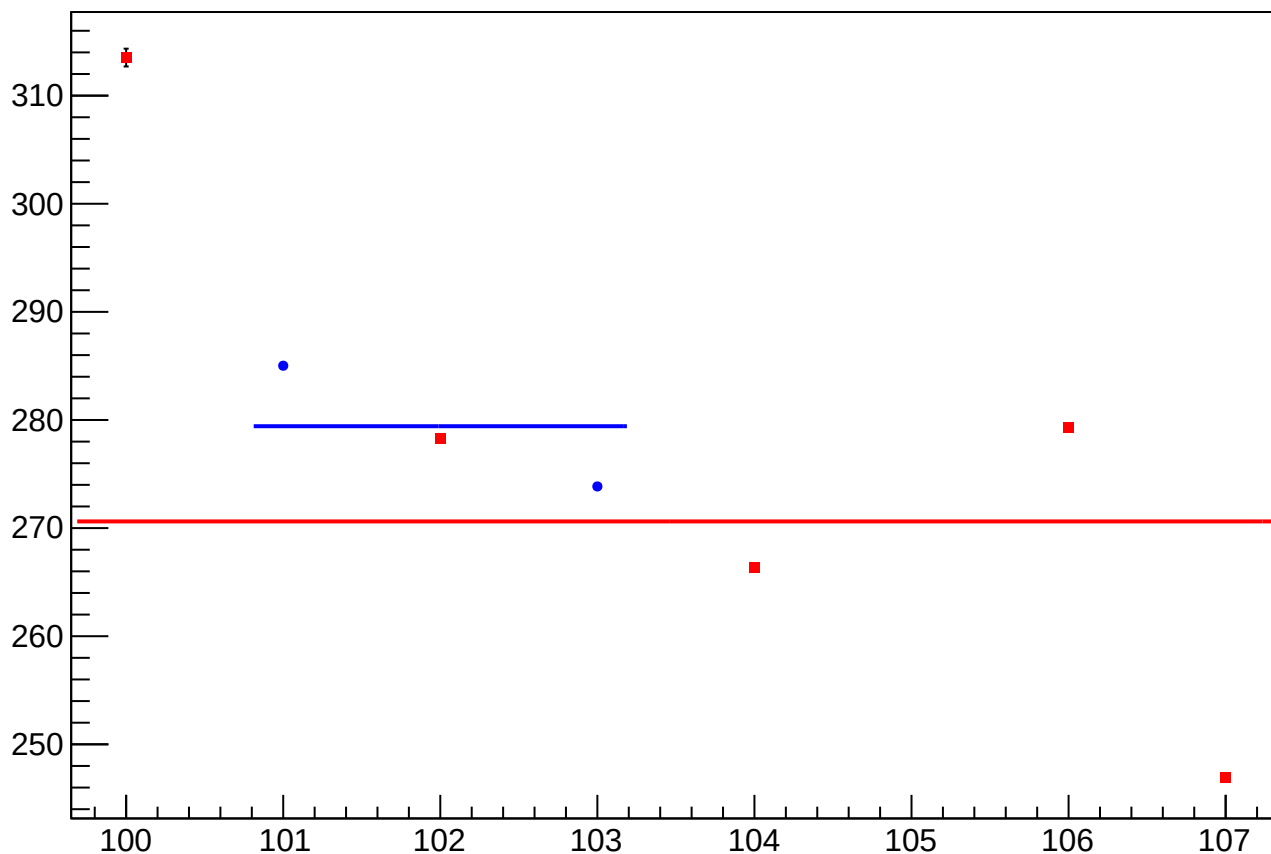
Right: 486.886+/-158.679 χ^2/NDF : 7.7/6

In: 474.322+/-249.237 χ^2/NDF : 1.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 486.886+/-158.679 χ^2/NDF : 7.7/6

eigen_dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 279.424 $\pm$ 0.176 χ^2 /NDF: 1003.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 270.618 $\pm$ 0.146 χ^2 /NDF: 8895.8/4

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

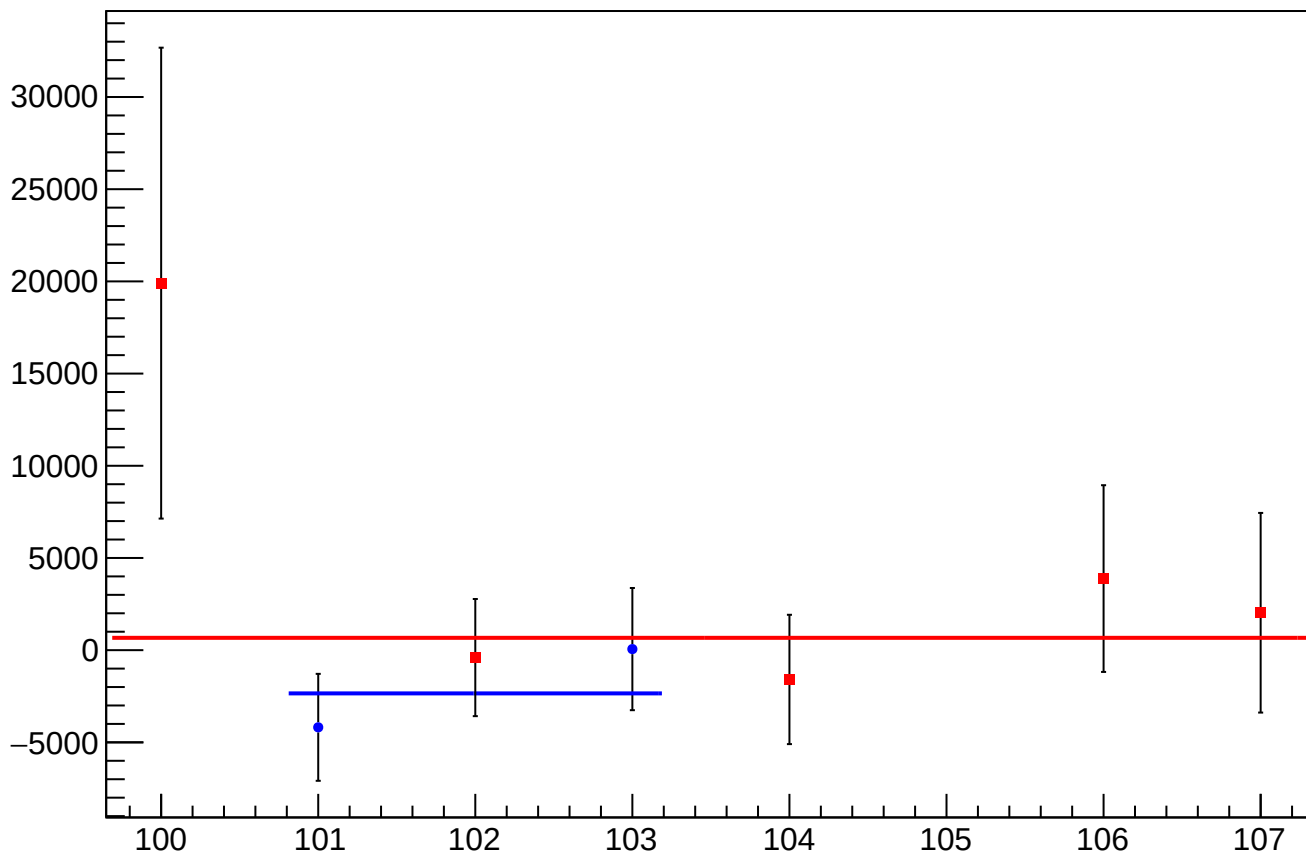
Right: 274.187 $\pm$ 0.112 χ^2 /NDF: 11384.1/6

In: 279.424 $\pm$ 0.176 χ^2 /NDF: 1003.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 274.187 $\pm$ 0.112 χ^2 /NDF: 11384.1/6

asym_sam_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -2344.509+/-2182.220 χ^2/NDF : 0.9/1

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

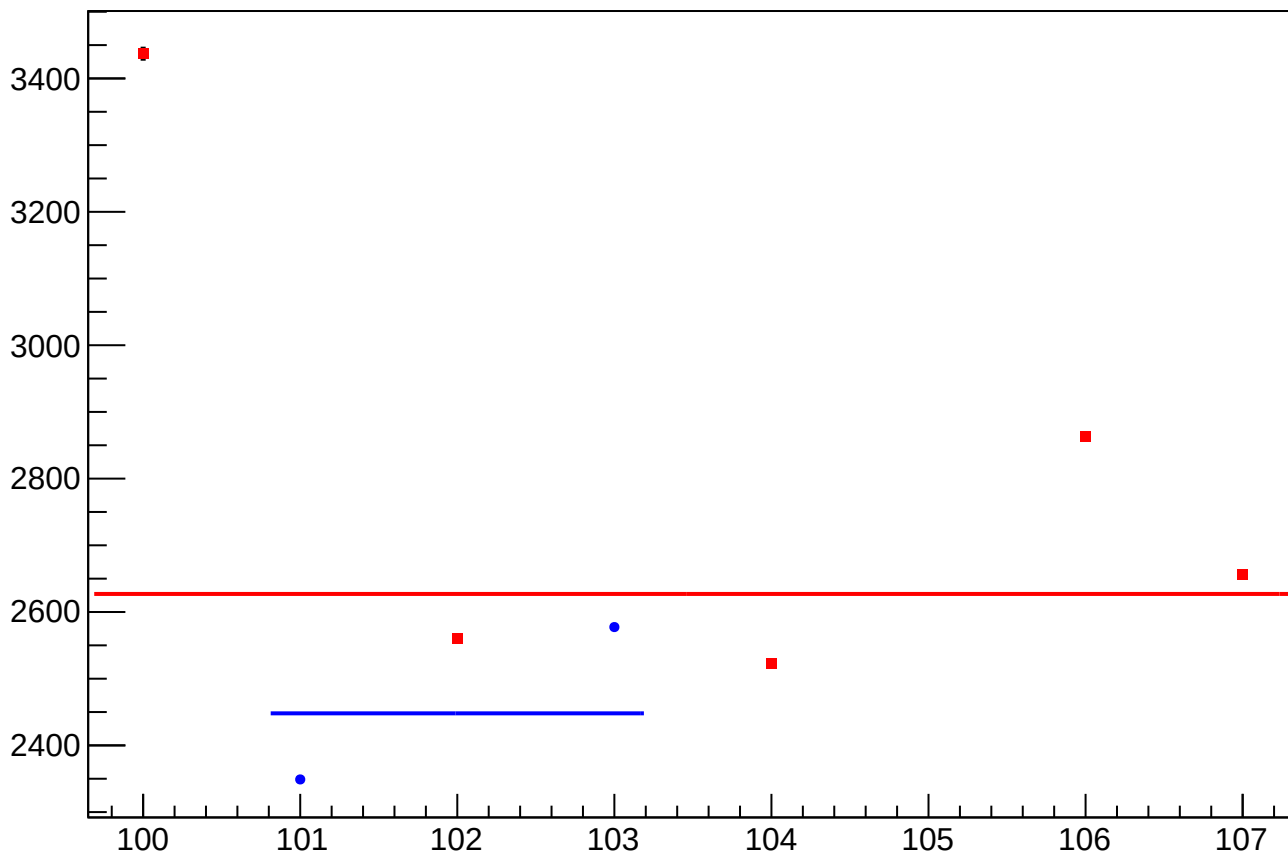
Right: -678.378+/-1459.190 χ^2/NDF : 5.2/6

In: -2344.509+/-2182.220 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -678.378+/-1459.190 χ^2/NDF : 5.2/6

asym_sam_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2448.054+/-1.543 χ^2/NDF : 5383.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2627.076+/-1.388 χ^2/NDF : 15112.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

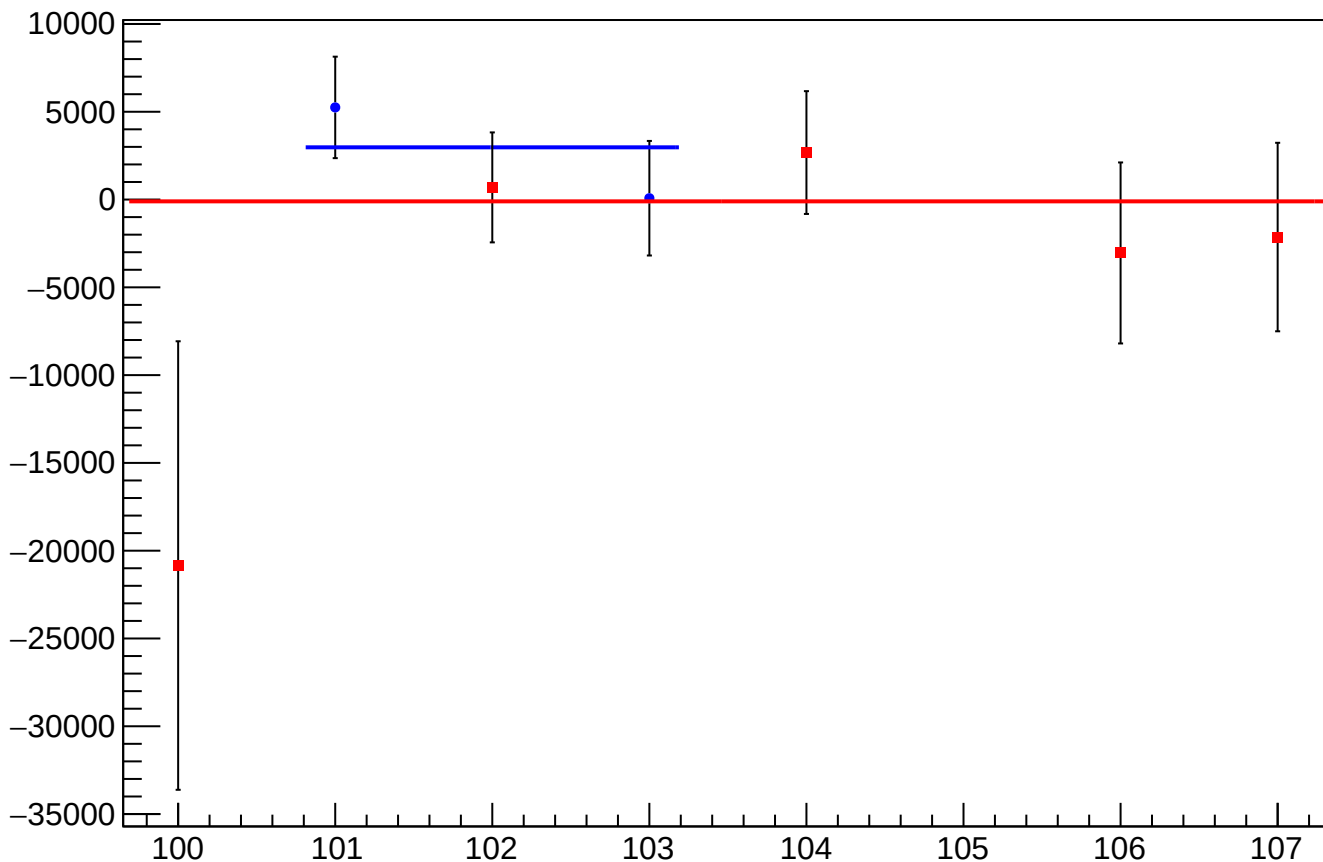
Right: 2547.031+/-1.032 χ^2/NDF : 27938.0/6

In: 2448.054+/-1.543 χ^2/NDF : 5383.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2547.031+/-1.032 χ^2/NDF : 27938.0/6

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 2974.499+/-2163.237 χ^2/NDF : 1.4/1

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

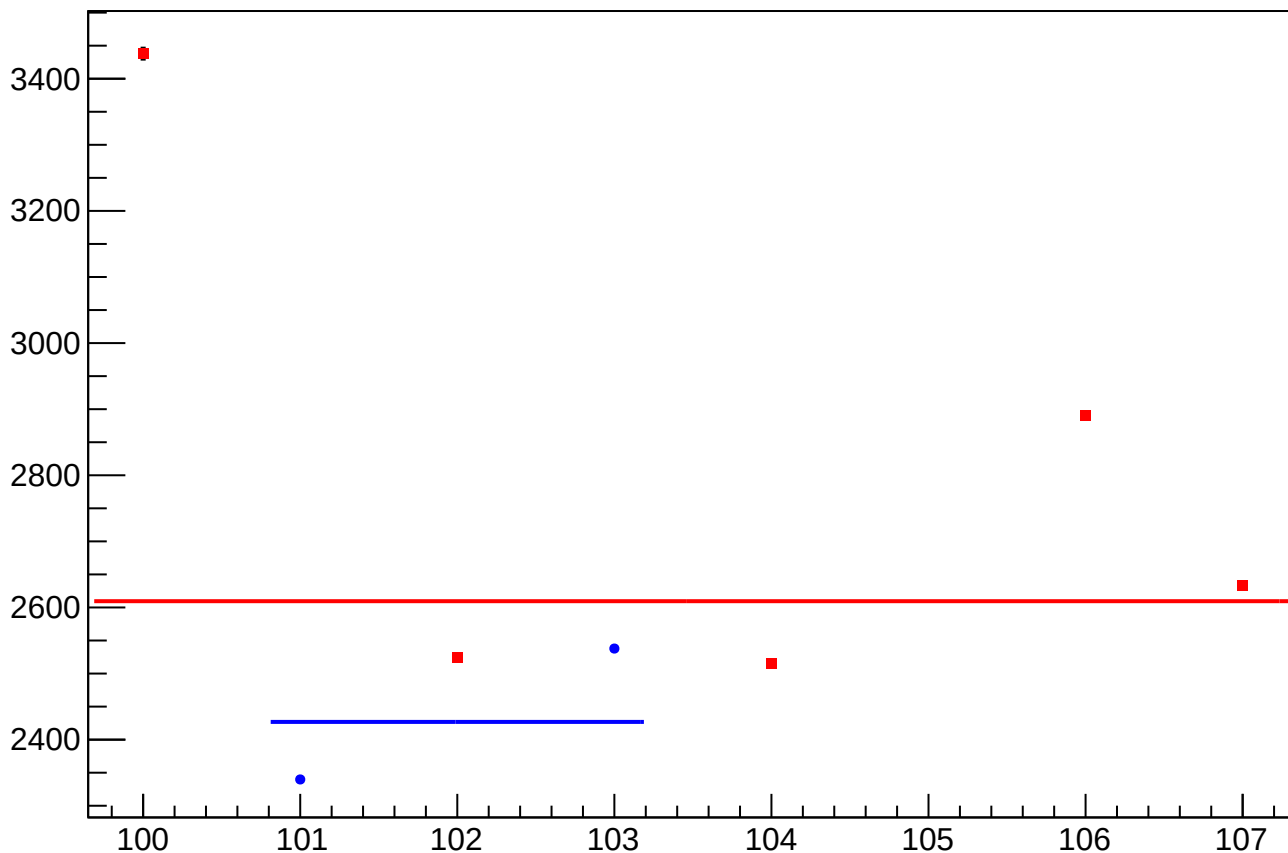
Right: 1279.112+/-1449.594 χ^2/NDF : 6.3/6

In: 2974.499+/-2163.237 χ^2/NDF : 1.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1279.112+/-1449.594 χ^2/NDF : 6.3/6

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2426.847+/-1.530 χ^2/NDF : 4129.6/1

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

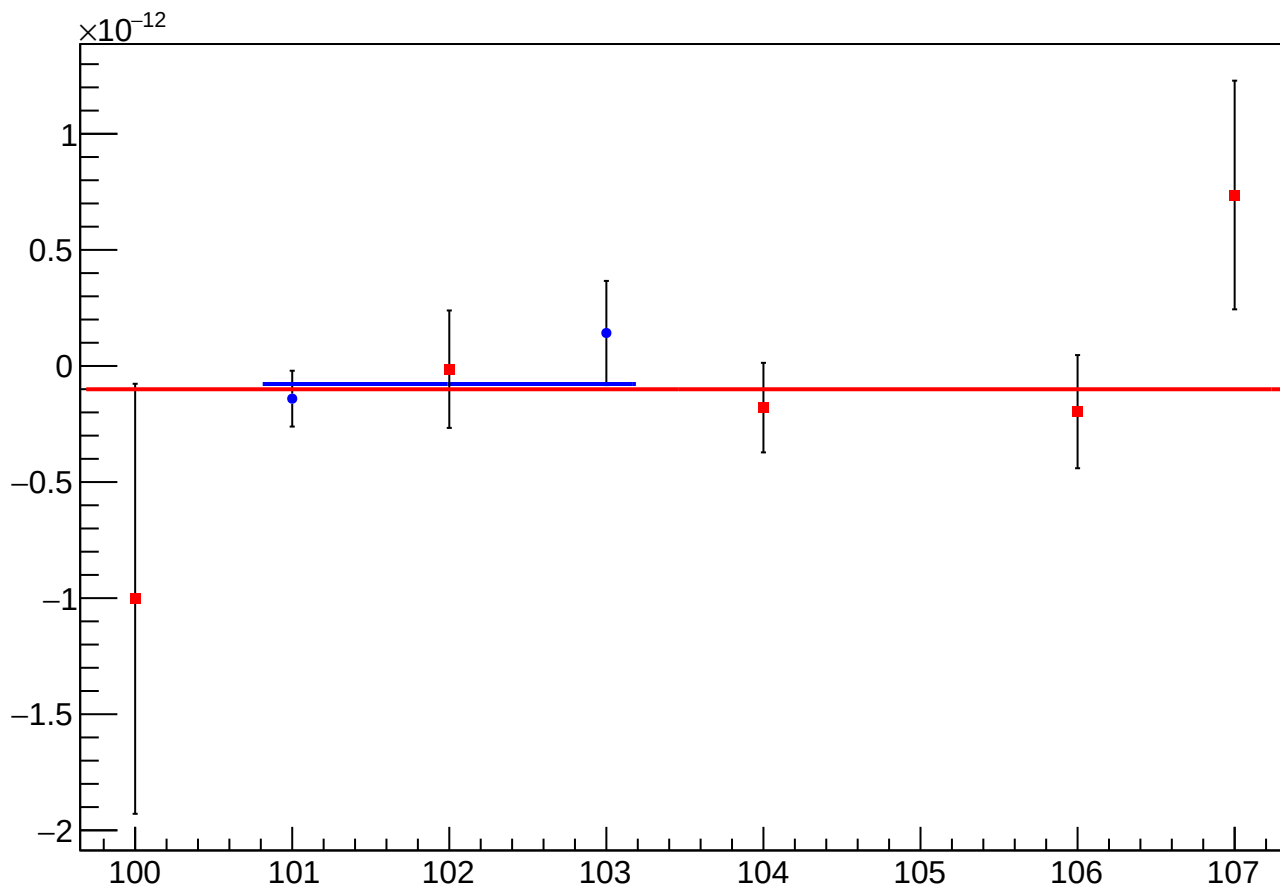
Right: 2527.480+/-1.025 χ^2/NDF : 29335.9/6

In: 2426.847+/-1.530 χ^2/NDF : 4129.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2527.480+/-1.025 χ^2/NDF : 29335.9/6

asym_sam_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 1.2/1

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

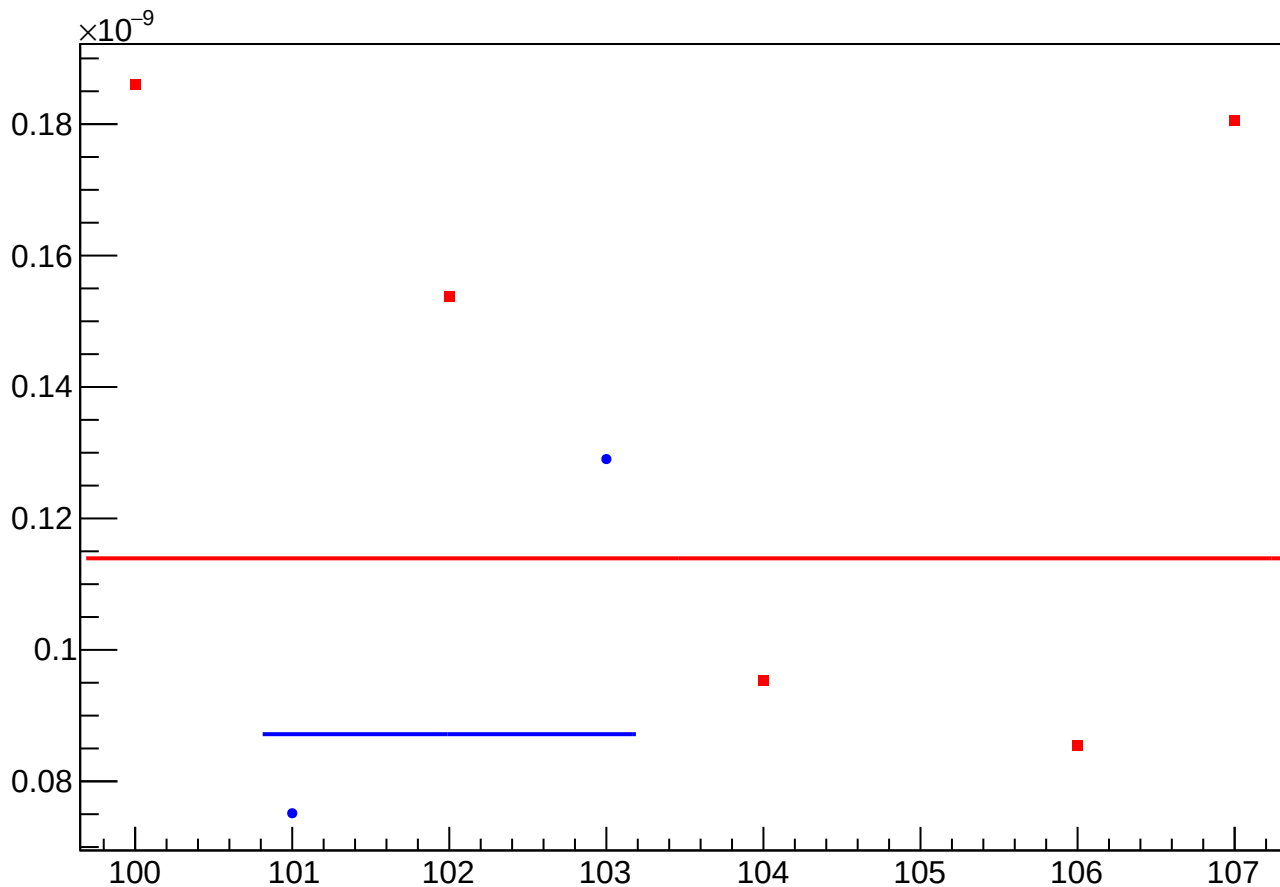
Right: -0.000+/-0.000 χ^2 /NDF: 5.5/6

In: -0.000+/-0.000 χ^2 /NDF:1.2/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 5.5/6

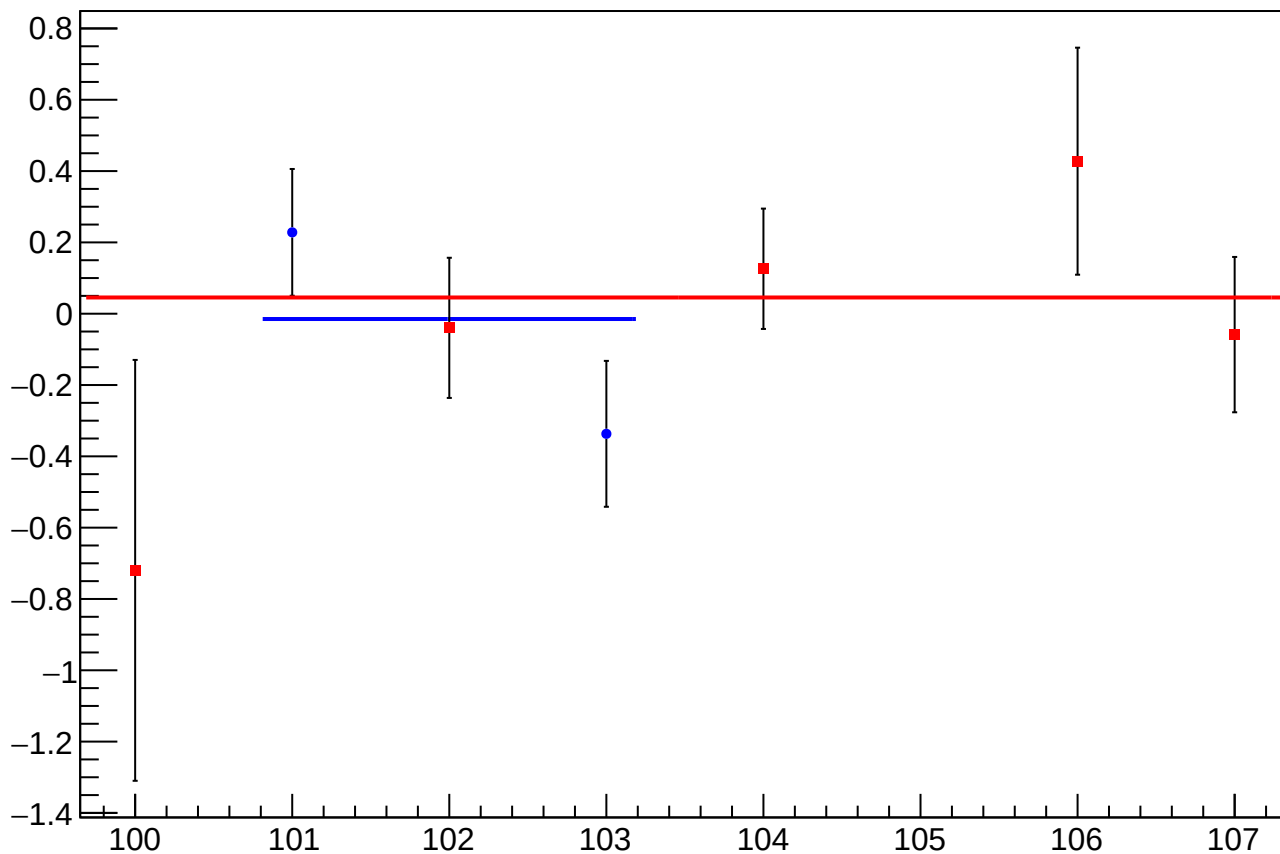
asym_sam_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 89639.9/1
 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 : 287604.7/6
 In: 0.000+/-0.000 χ^2/NDF : 89639.9/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 287604.7/6

asym_sam_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.134 χ^2/NDF : 4.3/1

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

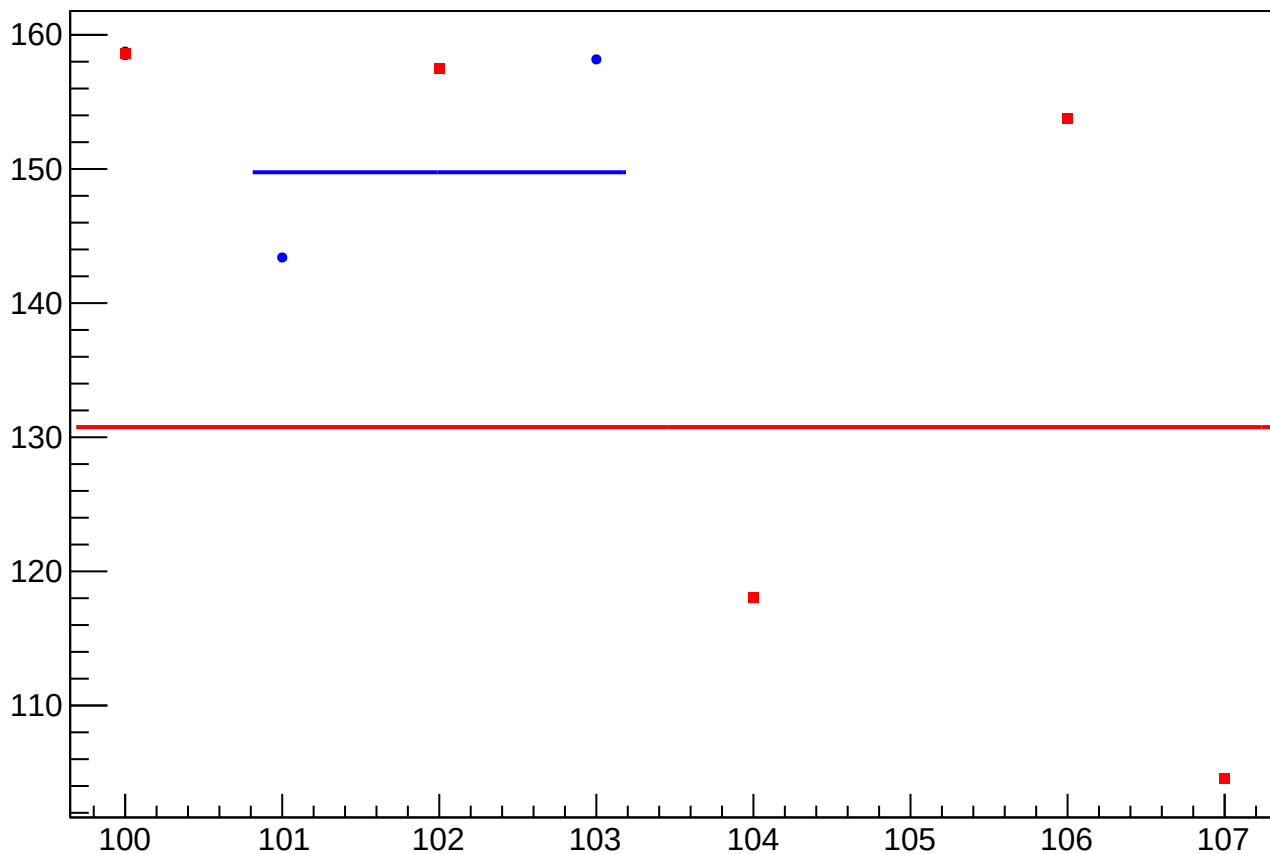
Right: 0.023+/-0.082 χ^2/NDF : 8.2/6

In: -0.015+/-0.134 χ^2/NDF :4.3/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.023+/-0.082 χ^2/NDF : 8.2/6

asym_sam_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 149.756+/-0.095 χ^2/NDF : 5939.4/1

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

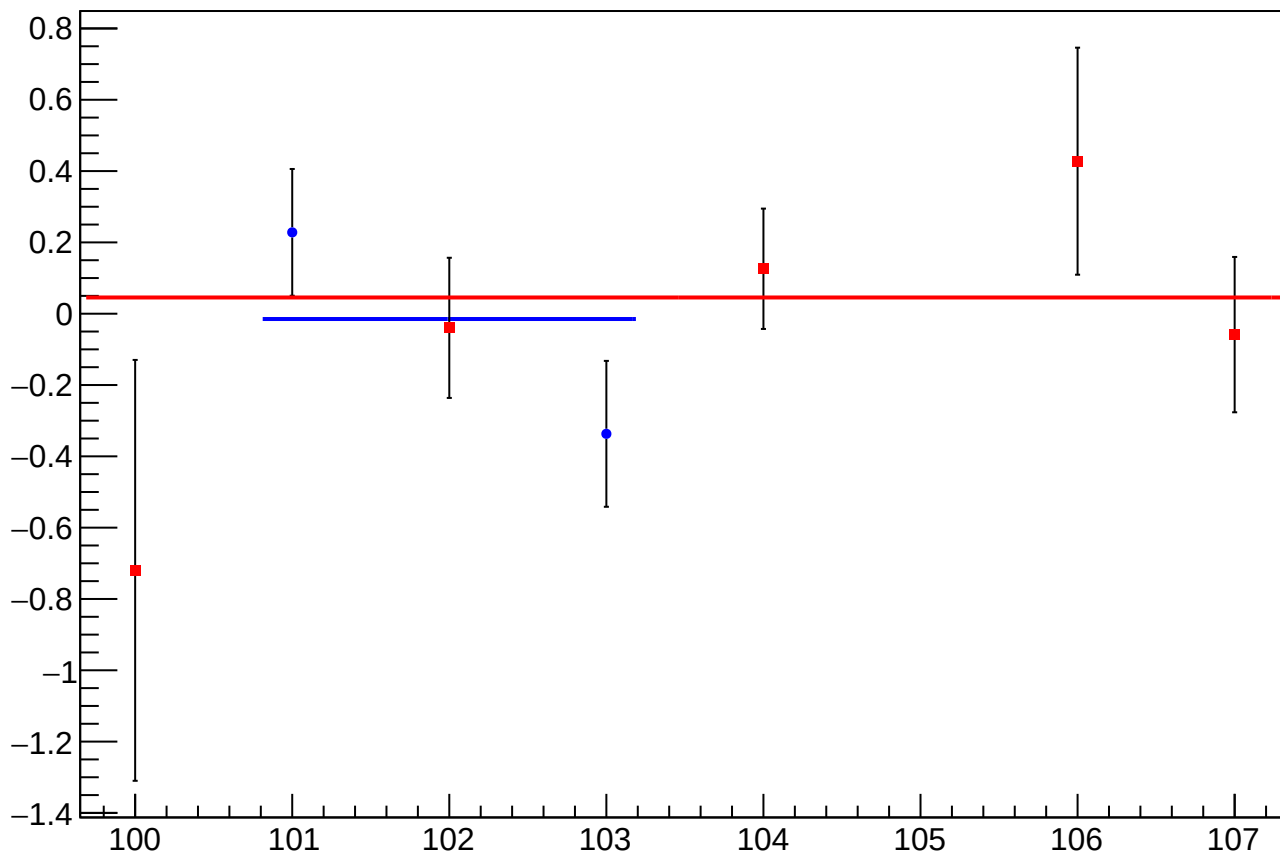
Right: 137.778+/-0.058 χ^2/NDF : 123384.9/6

In: 149.756+/-0.095 χ^2/NDF : 5939.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.778+/-0.058 χ^2/NDF : 123384.9/6

asym_sam_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.134 χ^2 /NDF: 4.3/1

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

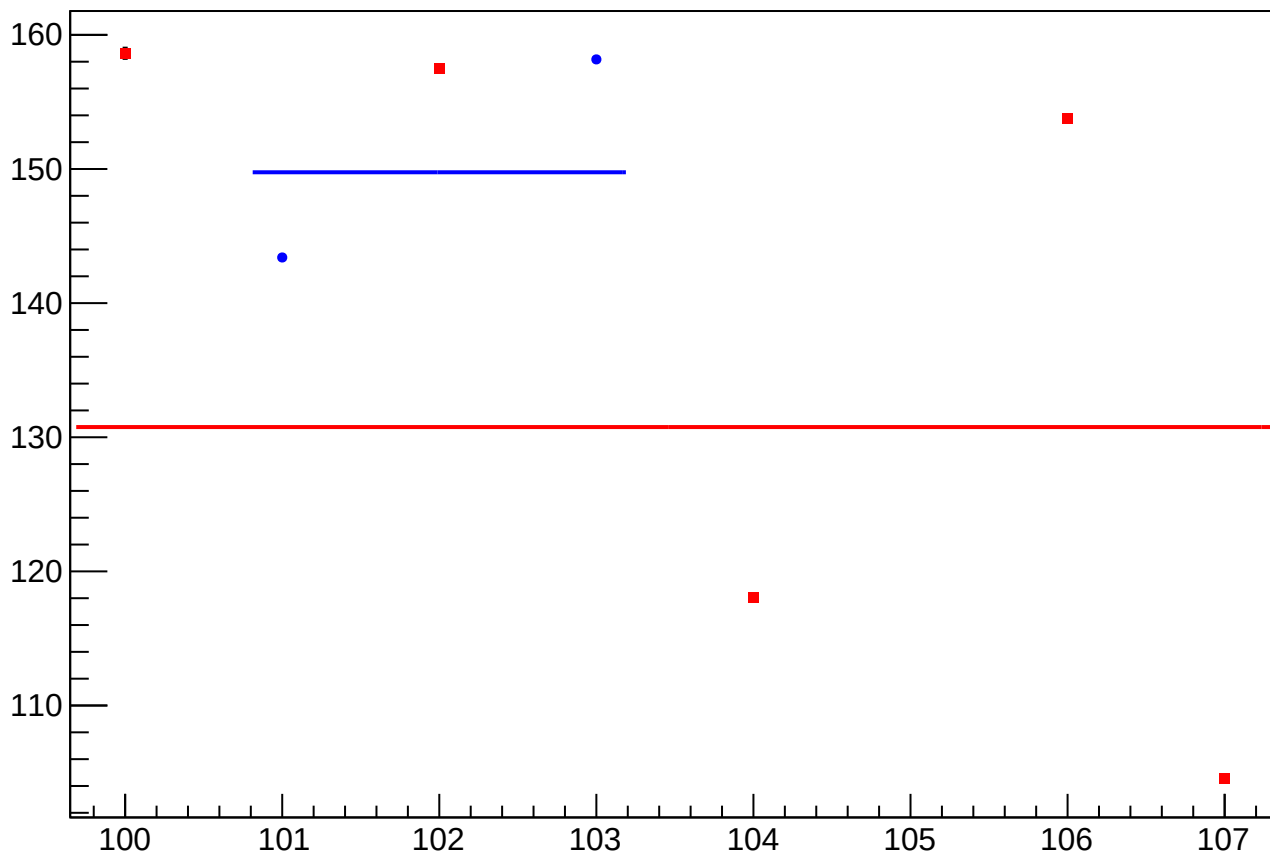
Right: 0.023+/-0.082 χ^2 /NDF: 8.2/6

In: -0.015+/-0.134 χ^2 /NDF:4.3/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.023+/-0.082 χ^2 /NDF: 8.2/6

asym_sam_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 149.756 $\pm$ 0.095 χ^2 /NDF: 5939.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 130.760 $\pm$ 0.073 χ^2 /NDF: 92166.4/4

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

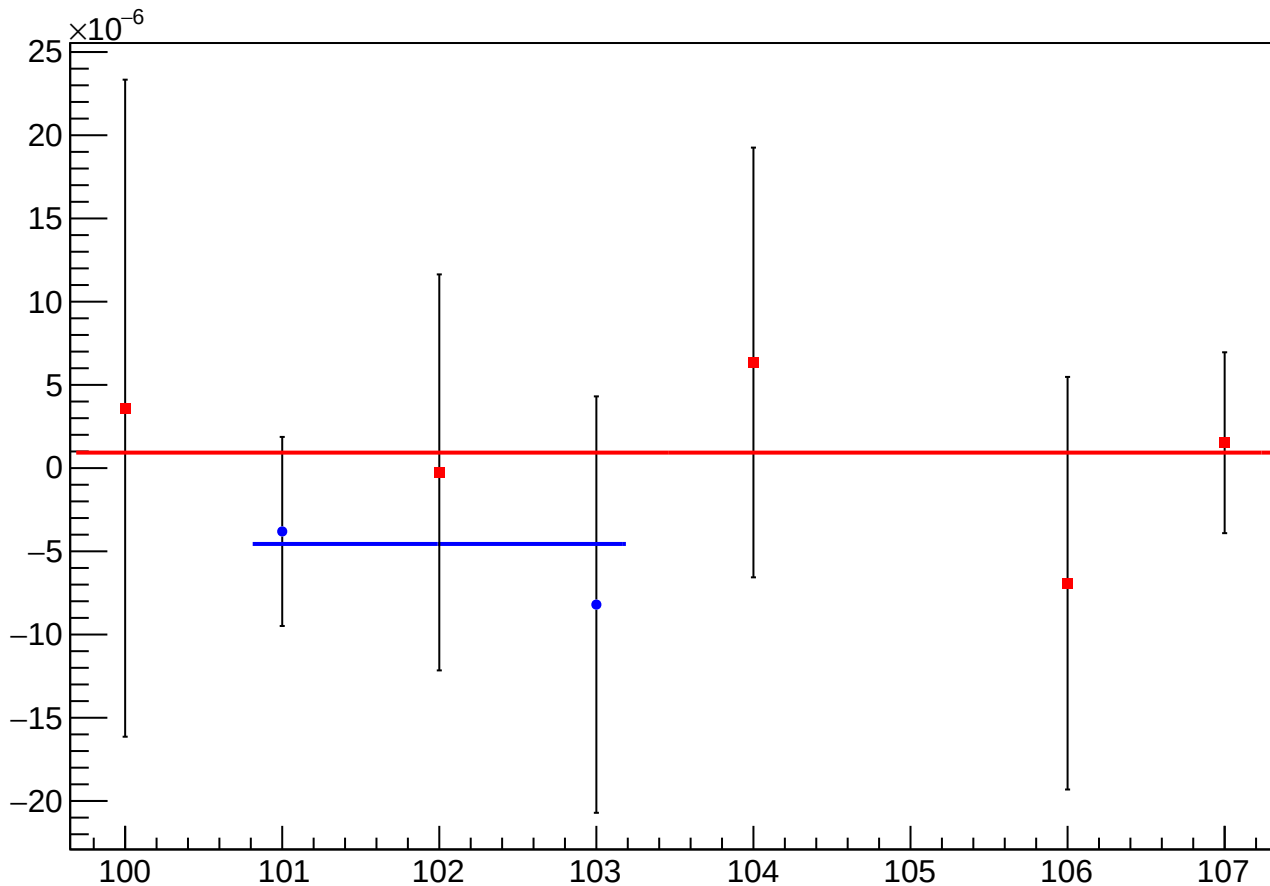
Right: 137.778 $\pm$ 0.058 χ^2 /NDF: 123384.9/6

In: 149.756 $\pm$ 0.095 χ^2 /NDF: 5939.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 137.778 $\pm$ 0.058 χ^2 /NDF: 123384.9/6

asym_sam_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 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

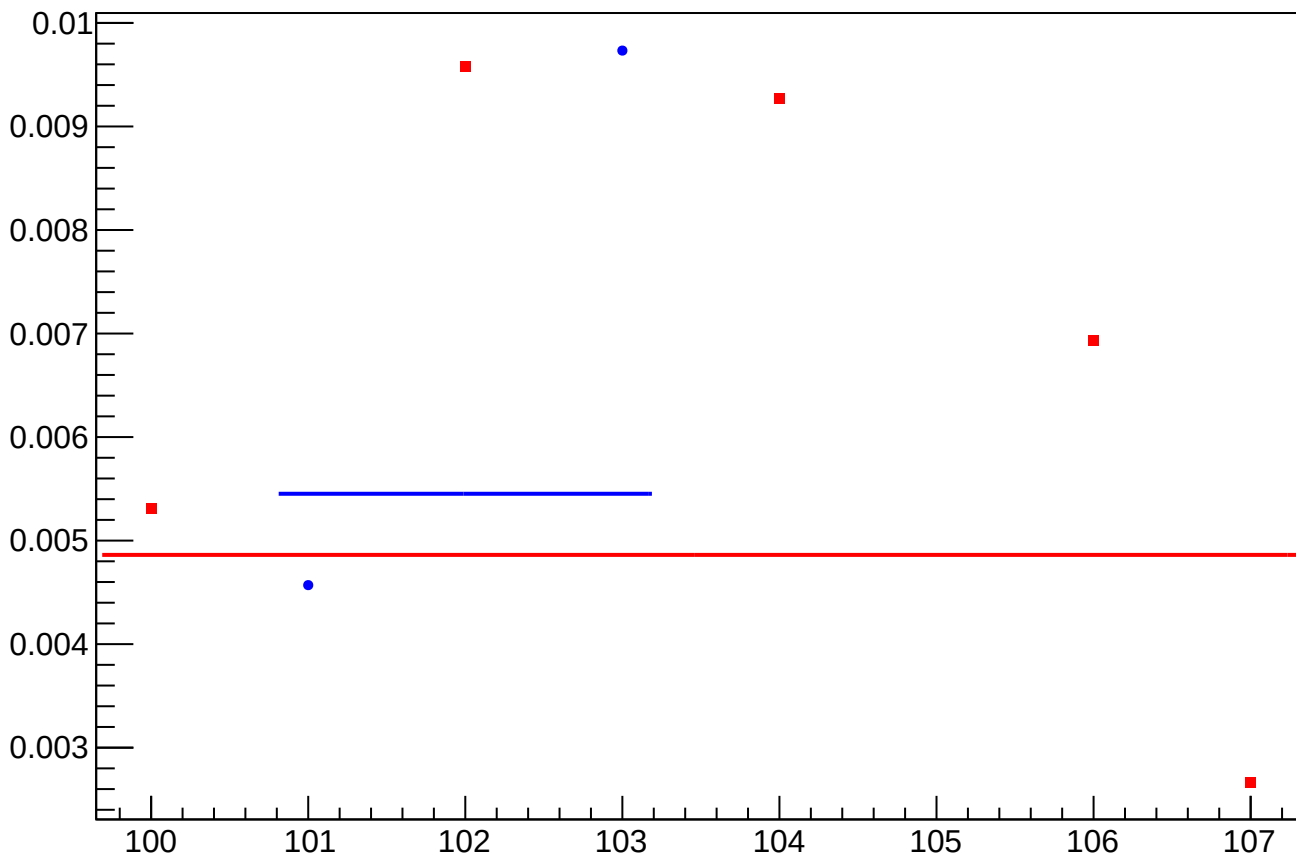
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 1.4/6

In: -0.000 $\pm$ 0.000 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 1.4/6

asym_sam_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 282421.2/1

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

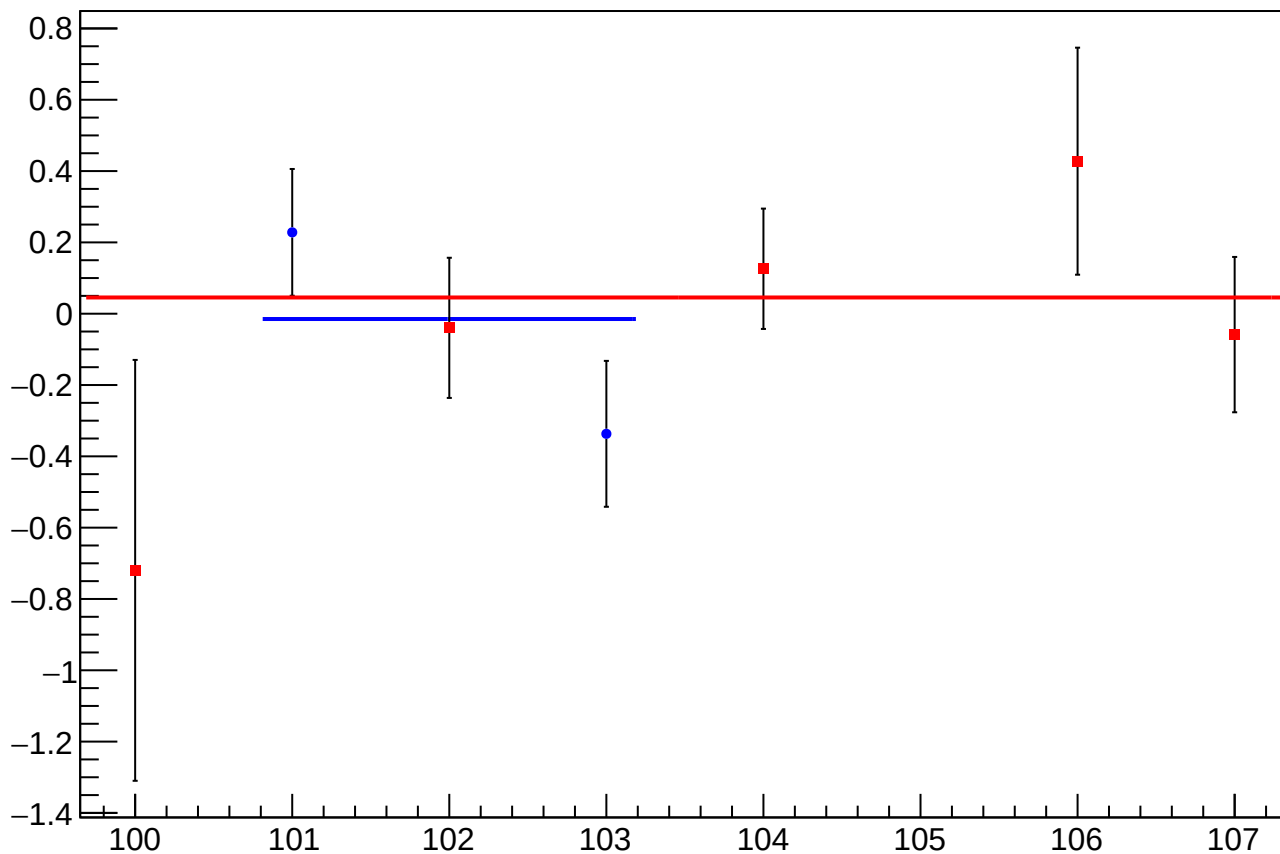
Right: 0.005+/-0.000 χ^2/NDF : 1229851.9/6

In: 0.005+/-0.000 χ^2/NDF : 282421.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1229851.9/6

asym_sam_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.134 χ^2/NDF : 4.3/1

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

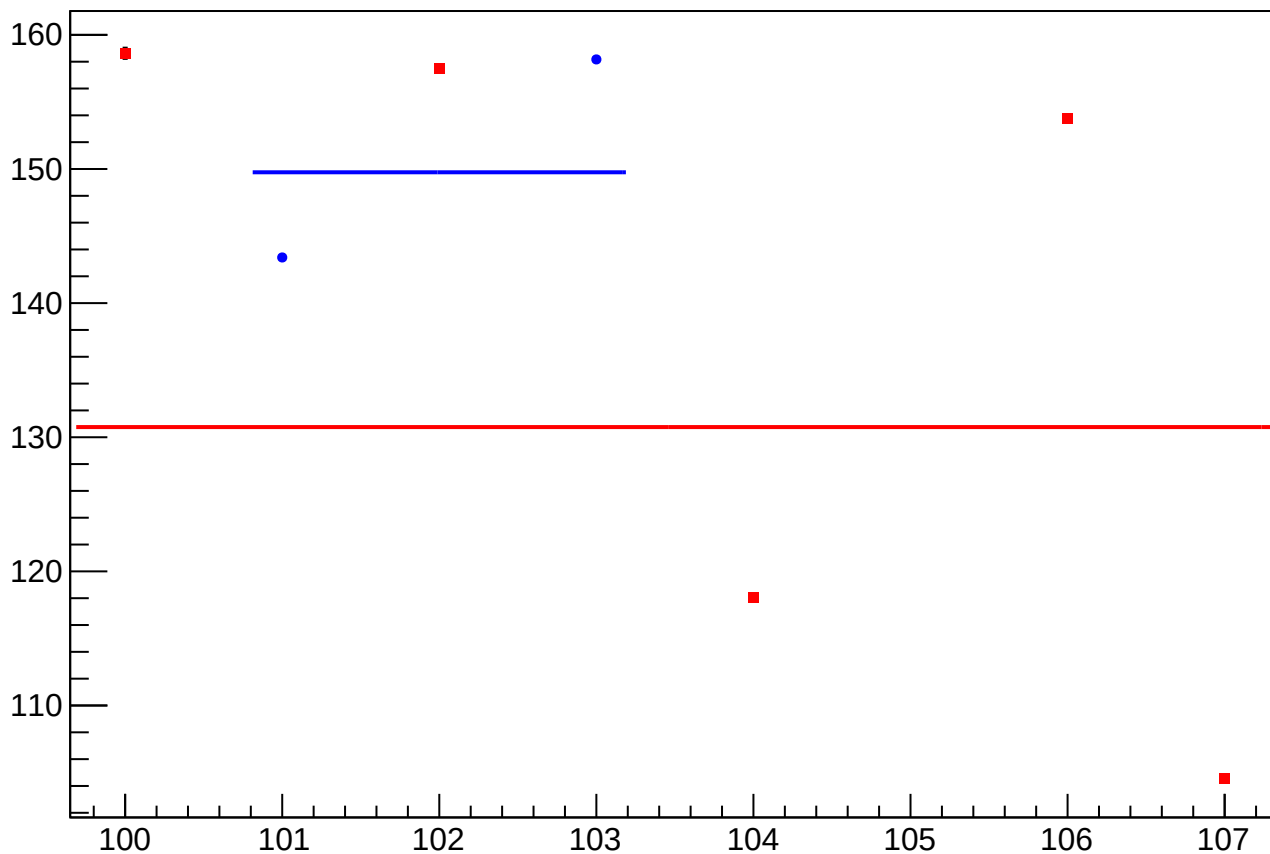
Right: 0.023+/-0.082 χ^2/NDF : 8.2/6

In: -0.015+/-0.134 χ^2/NDF :4.3/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.023+/-0.082 χ^2/NDF : 8.2/6

asym_sam_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 149.755+/-0.095 χ^2/NDF : 5937.6/1

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

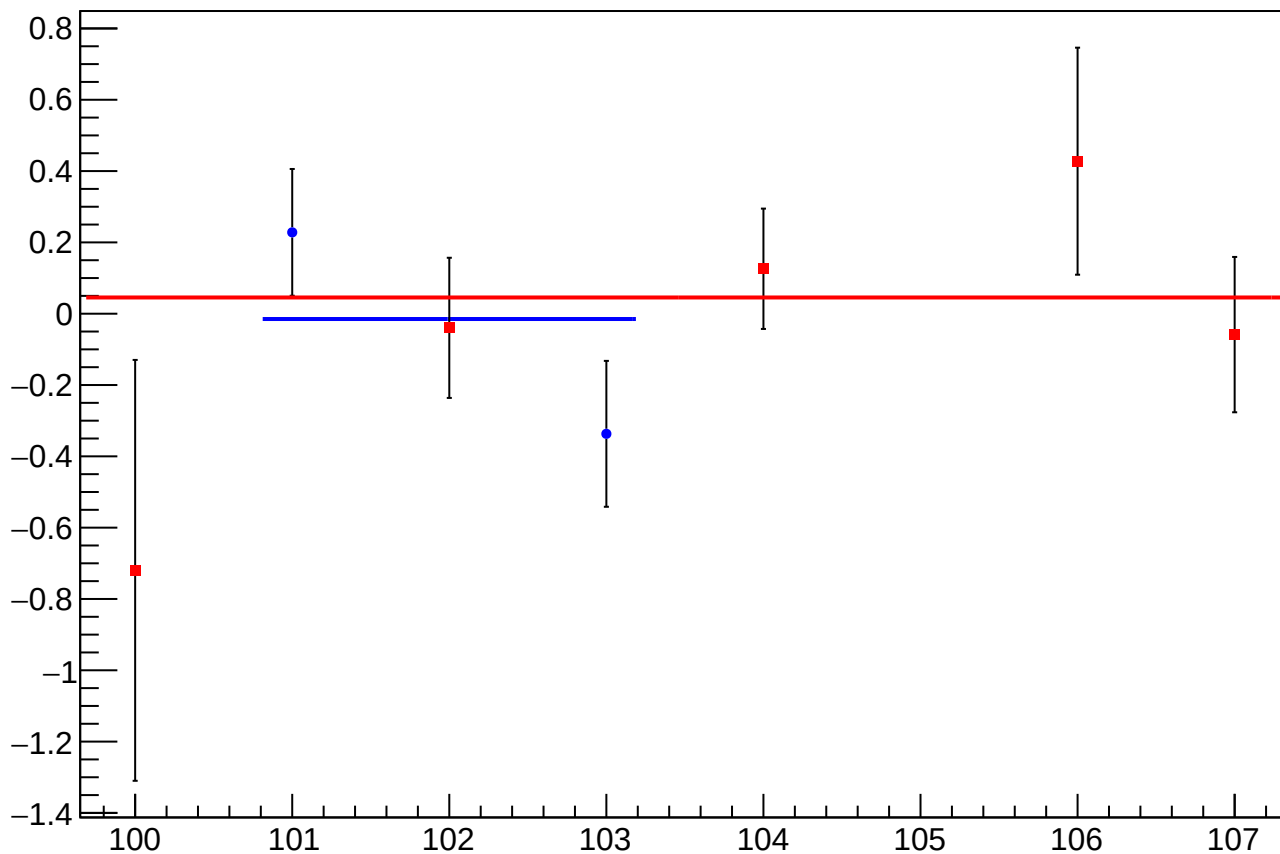
Right: 137.776+/-0.058 χ^2/NDF : 123384.7/6

In: 149.755+/-0.095 χ^2/NDF : 5937.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.776+/-0.058 χ^2/NDF : 123384.7/6

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.134 χ^2/NDF : 4.3/1

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

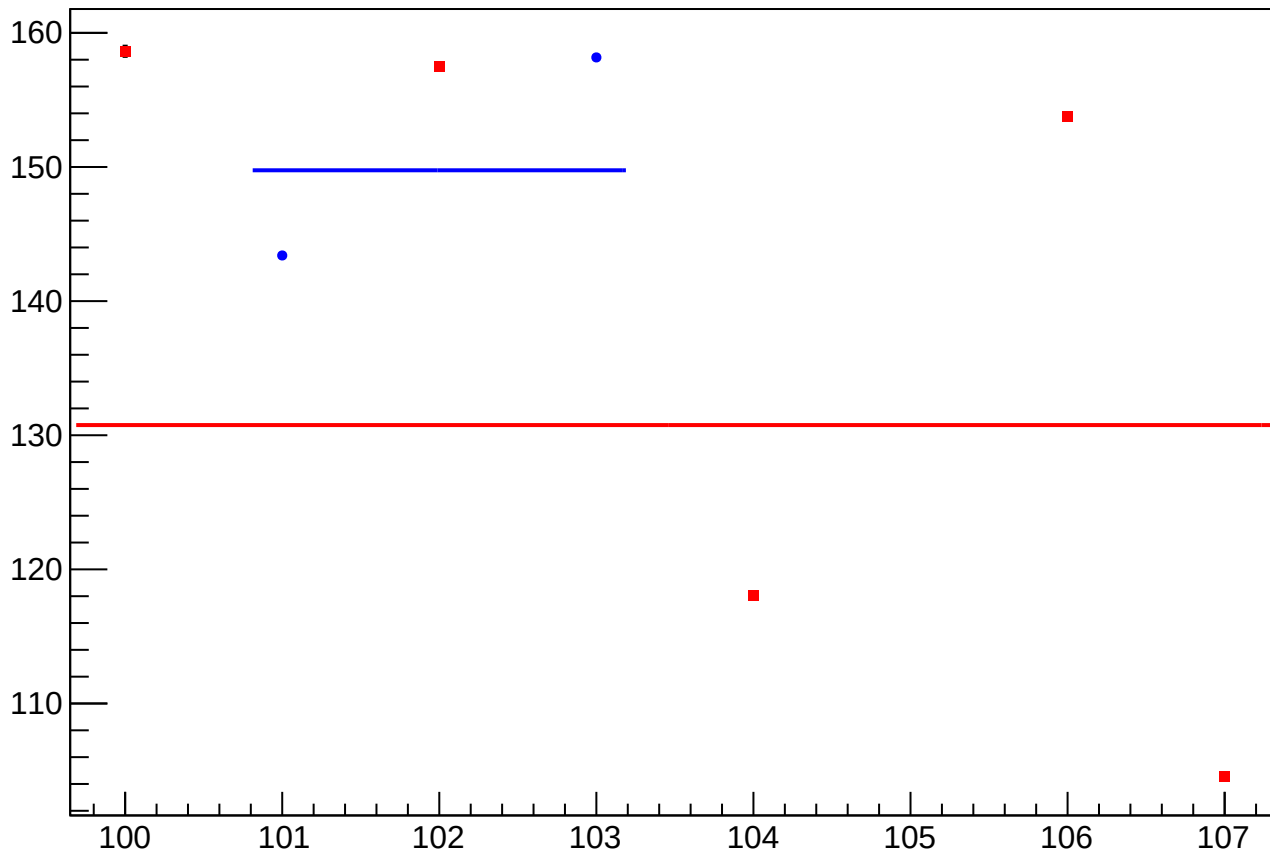
Right: 0.023+/-0.082 χ^2/NDF : 8.2/6

In: -0.015+/-0.134 χ^2/NDF :4.3/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.023+/-0.082 χ^2/NDF : 8.2/6

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 149.755+/-0.095 χ^2/NDF : 5937.6/1

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

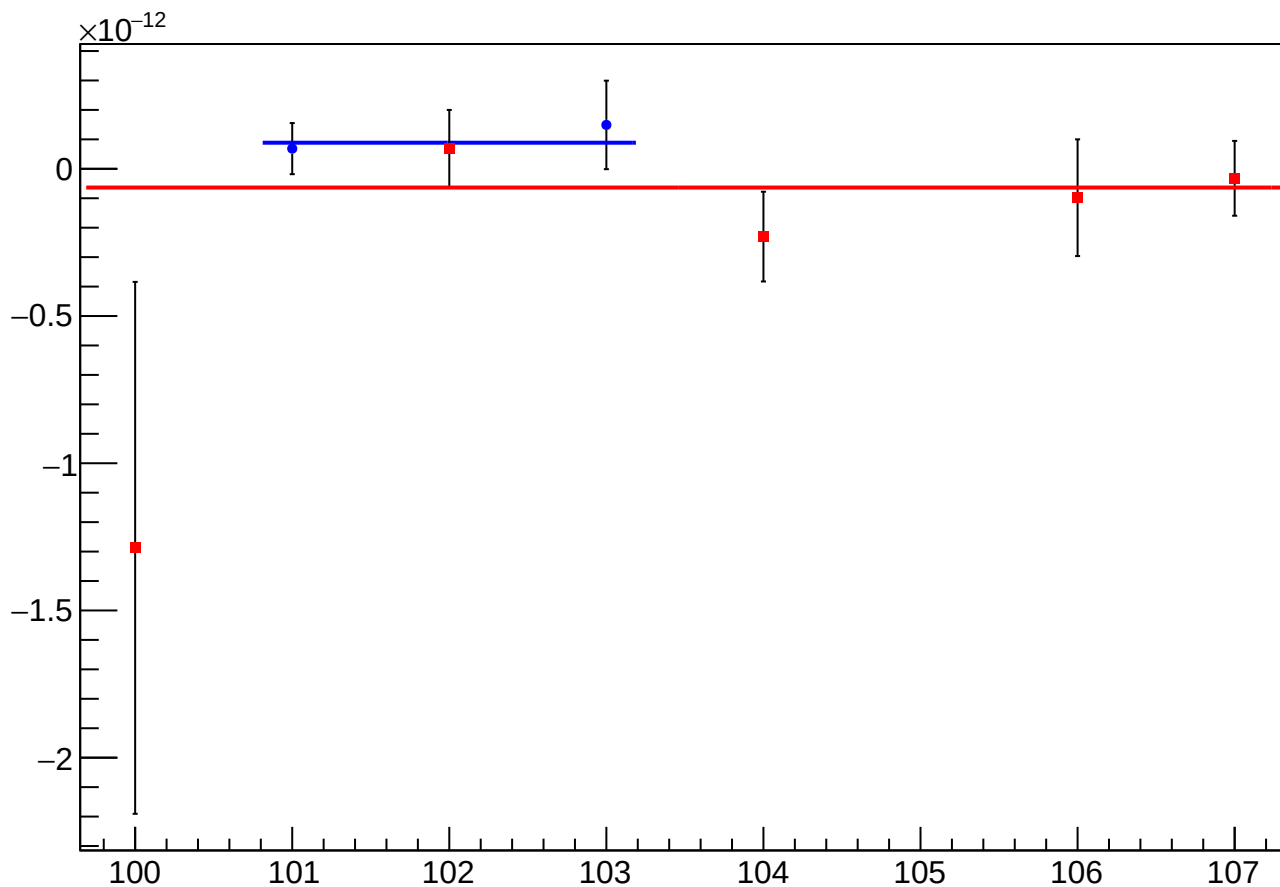
Right: 137.776+/-0.058 χ^2/NDF : 123384.7/6

In: 149.755+/-0.095 χ^2/NDF : 5937.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.776+/-0.058 χ^2/NDF : 123384.7/6

asym_sam_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.2/1

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

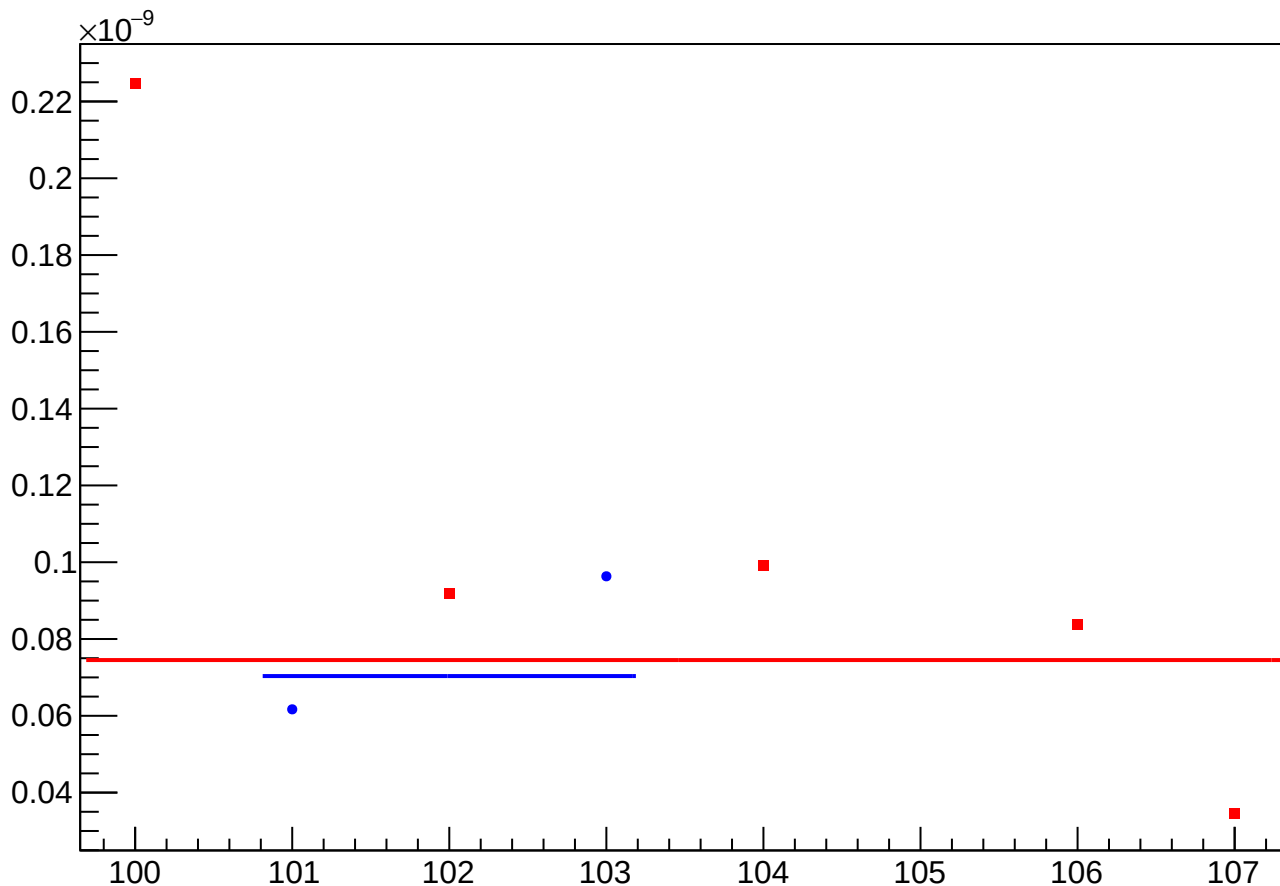
Right: 0.000+/-0.000 χ^2/NDF : 6.5/6

In: 0.000+/-0.000 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.5/6

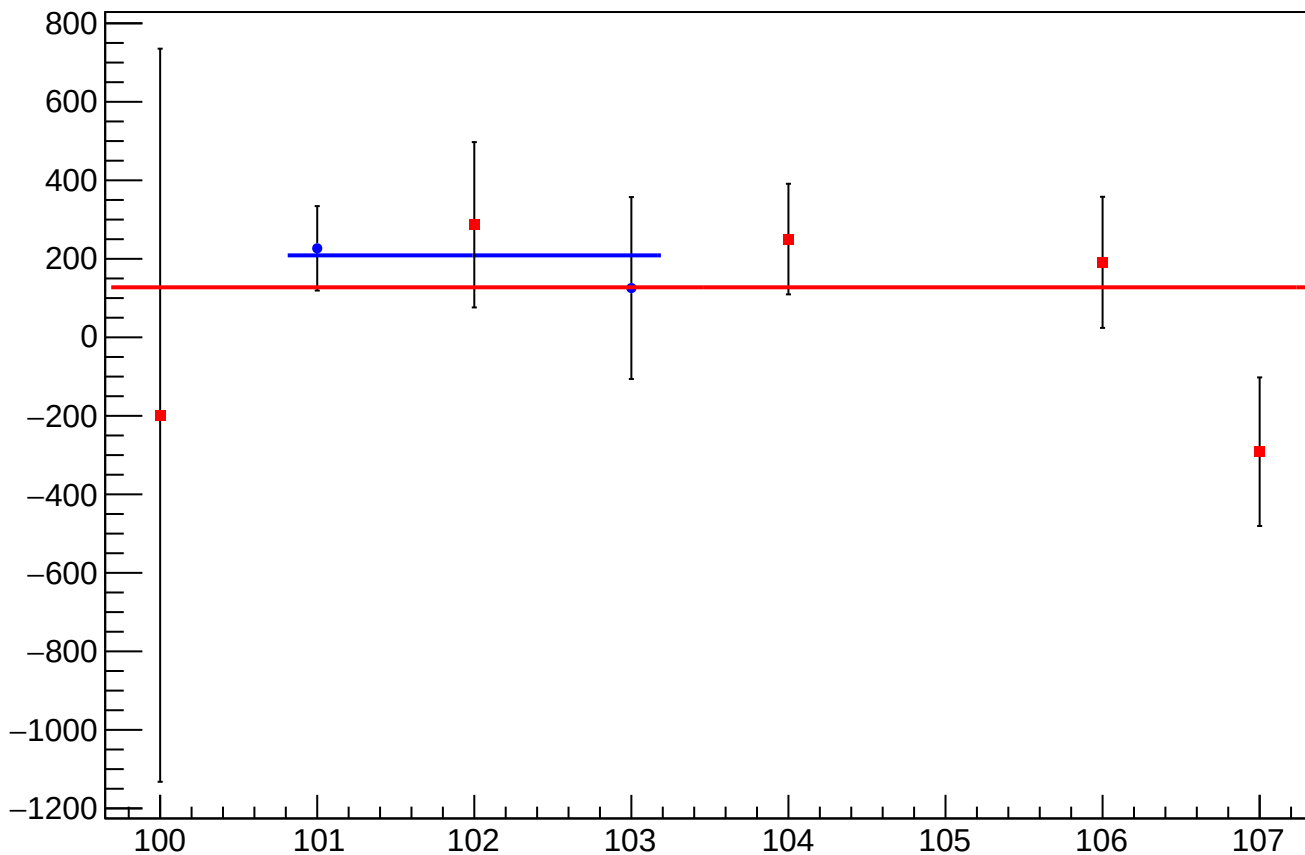
asym_sam_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 79717.2/1
 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 : 426671.9/6
 In: 0.000+/-0.000 χ^2/NDF : 79717.2/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 426671.9/6

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 208.825 $\pm$ 97.564 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 127.465 $\pm$ 85.172 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

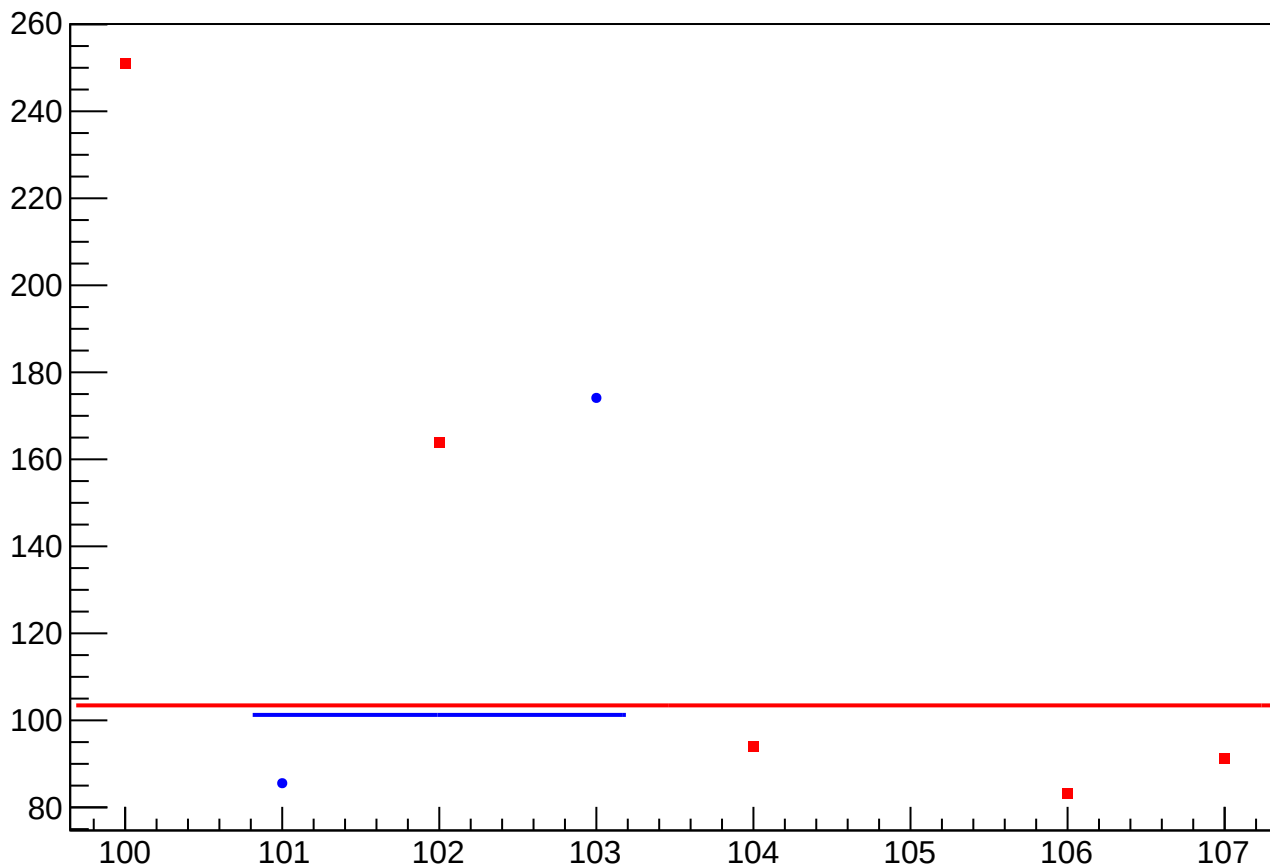
Right: 162.653 $\pm$ 64.162 χ^2 /NDF: 7.0/6

In: 208.825 $\pm$ 97.564 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 162.653 $\pm$ 64.162 χ^2 /NDF: 7.0/6

reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 101.254+/-0.069 χ^2/NDF : 240345.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.439+/-0.060 χ^2/NDF : 261348.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

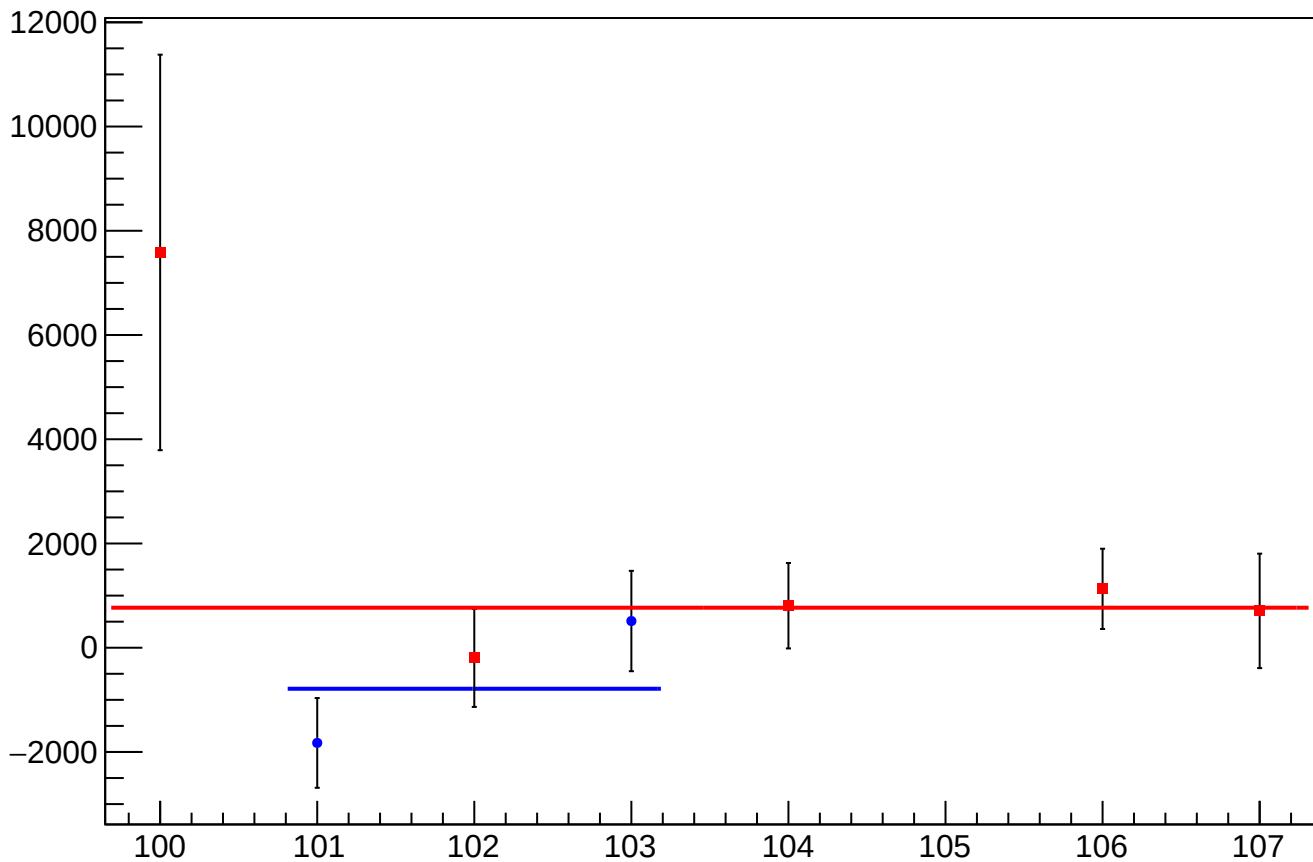
Right: 102.494+/-0.045 χ^2/NDF : 502262.7/6

In: 101.254+/-0.069 χ^2/NDF : 240345.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.494+/-0.045 χ^2/NDF : 502262.7/6

asym_sam_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -787.032+/-641.877 χ^2/NDF : 3.3/1

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

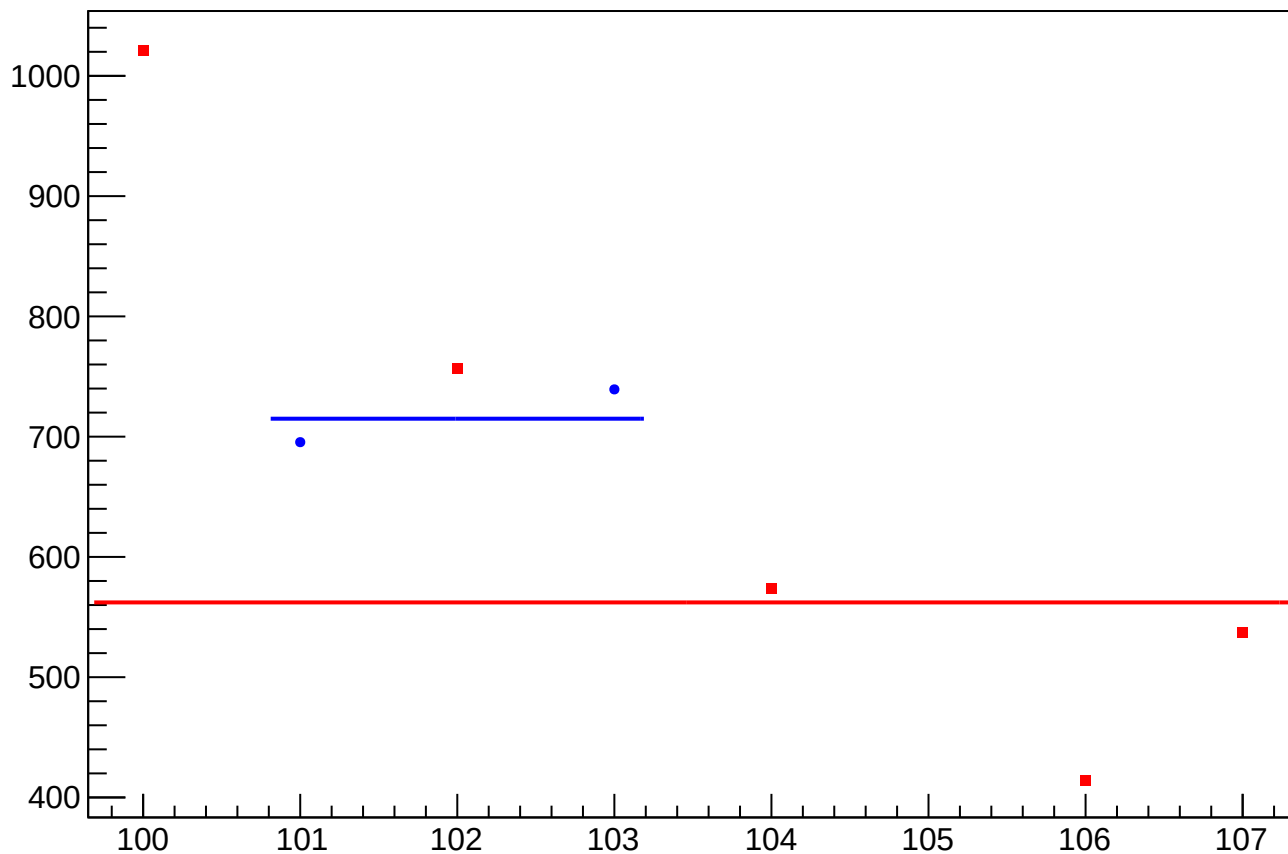
Right: 273.418+/-361.990 χ^2/NDF : 11.8/6

In: -787.032+/-641.877 χ^2/NDF : 3.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 273.418+/-361.990 χ^2/NDF : 11.8/6

asym_sam_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 714.933+/-0.454 χ^2/NDF : 2308.0/1

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

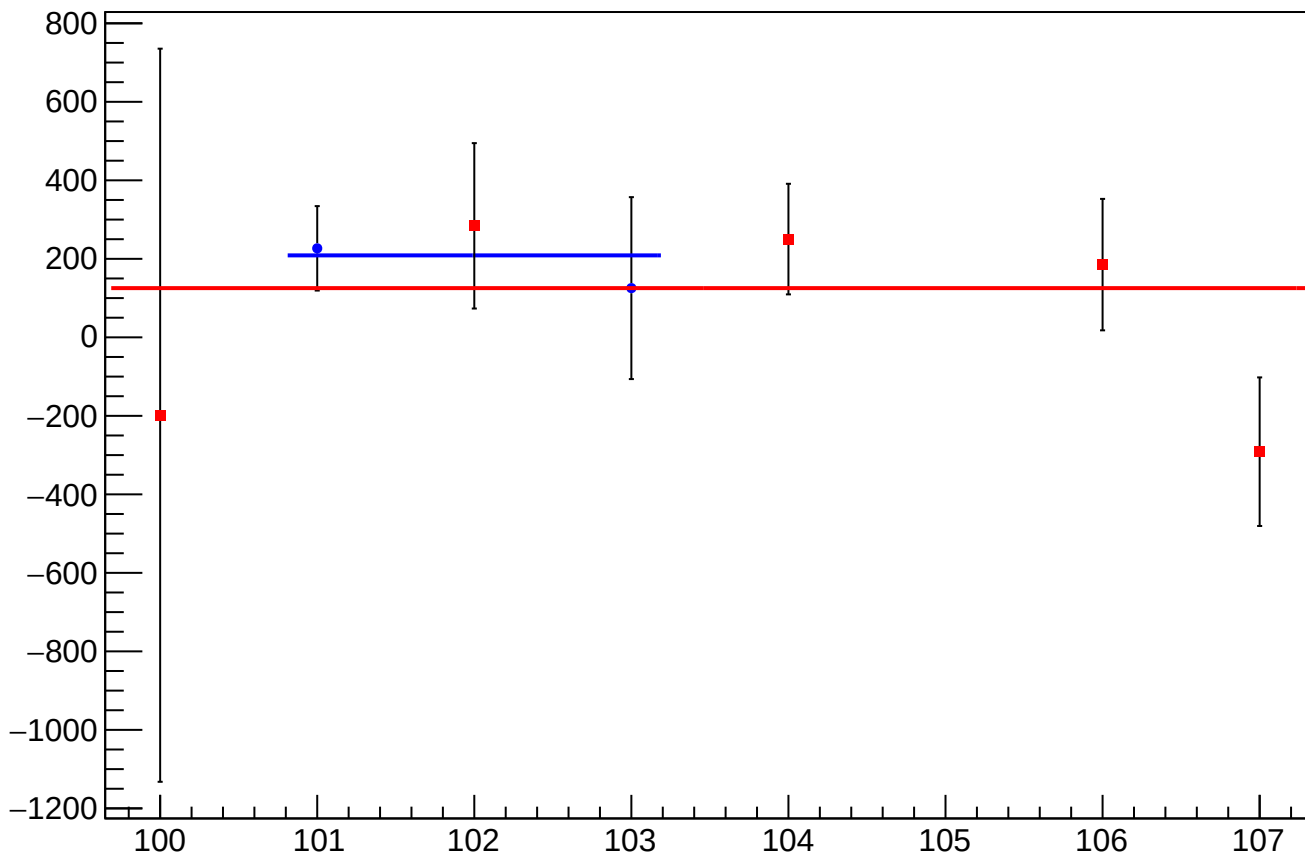
Right: 610.756+/-0.256 χ^2/NDF : 269737.4/6

In: 714.933+/-0.454 χ^2/NDF : 2308.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 610.756+/-0.256 χ^2/NDF : 269737.4/6

cor_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 208.803 $\pm$ 97.564 χ^2 /NDF: 0.2/1

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

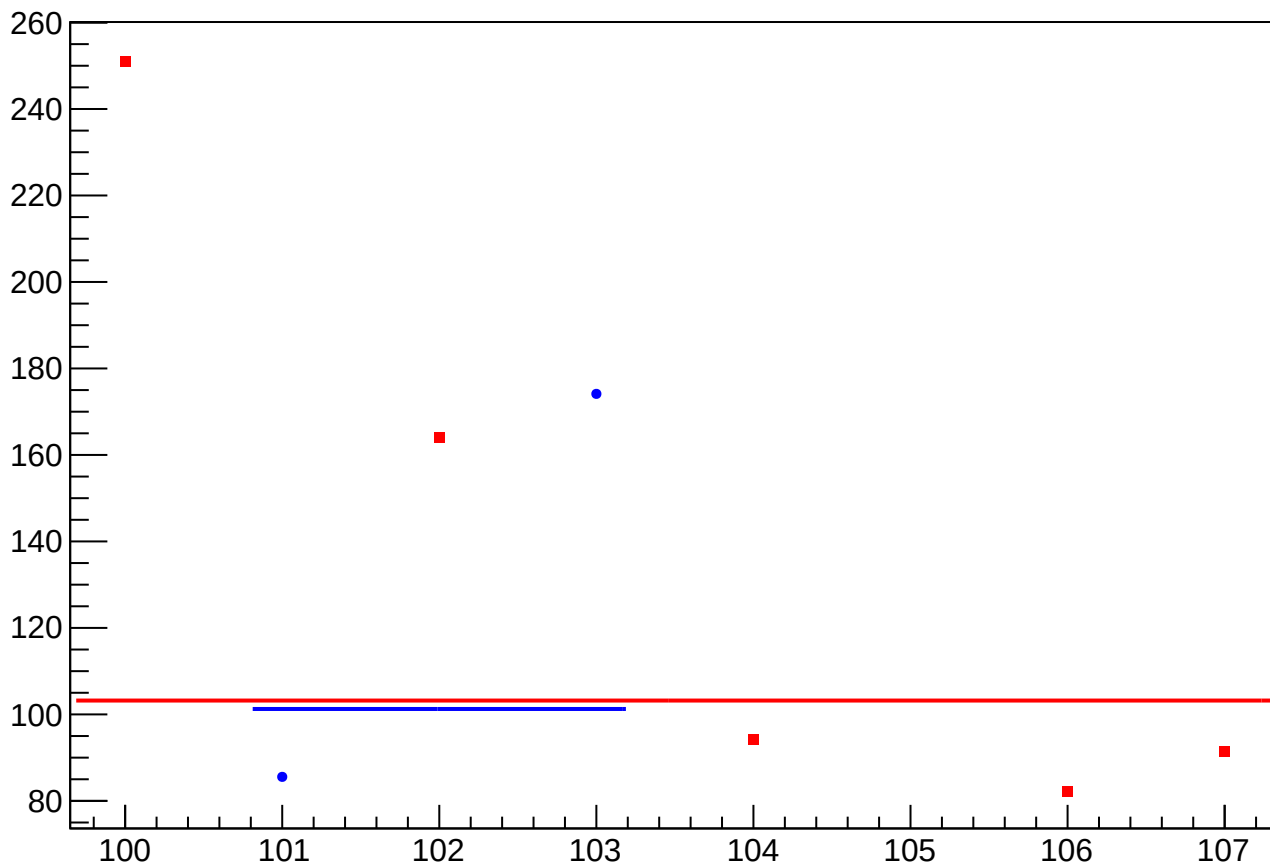
Right: 161.496 $\pm$ 64.190 χ^2 /NDF: 7.0/6

In: 208.803 $\pm$ 97.564 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 161.496 $\pm$ 64.190 χ^2 /NDF: 7.0/6

cor_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 101.254+/-0.069 χ^2/NDF : 240347.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.204+/-0.060 χ^2/NDF : 264375.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

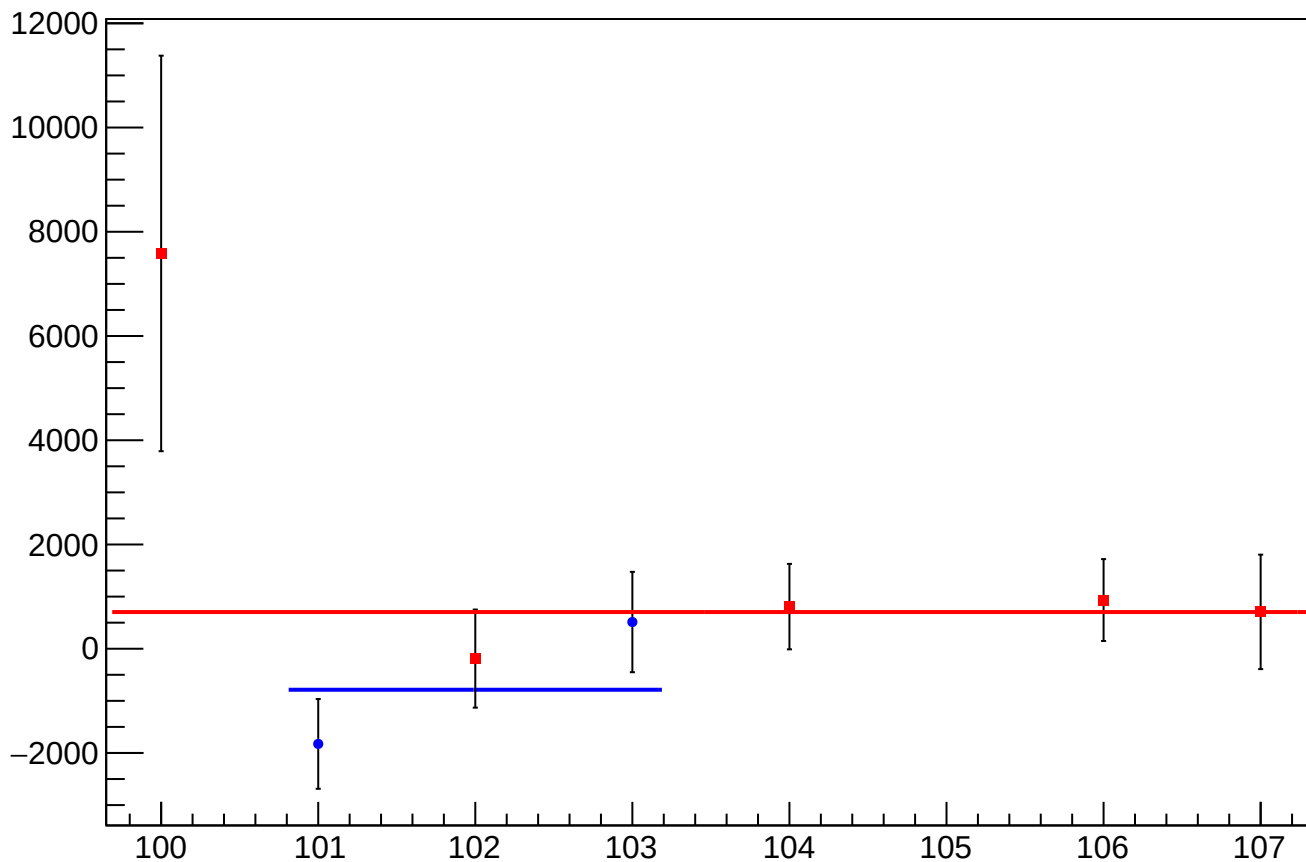
Right: 102.360+/-0.045 χ^2/NDF : 505176.3/6

In: 101.254+/-0.069 χ^2/NDF : 240347.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.360+/-0.045 χ^2/NDF : 505176.3/6

asym_sam_37_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -787.091+/-641.910 χ^2/NDF : 3.3/1

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

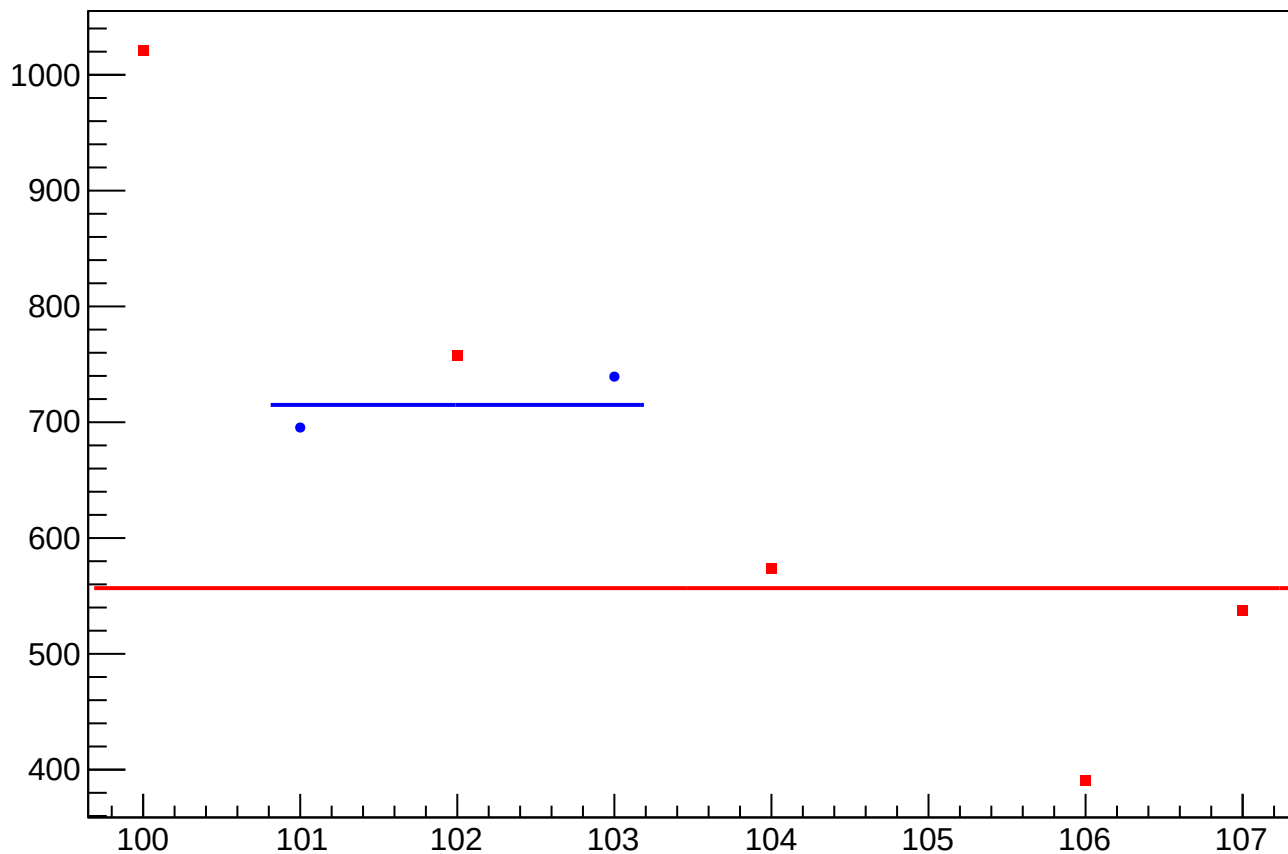
Right: 225.478+/-363.626 χ^2/NDF : 11.2/6

In: -787.091+/-641.910 χ^2/NDF : 3.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 225.478+/-363.626 χ^2/NDF : 11.2/6

asym_sam_37_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 714.966 $\pm$ 0.454 χ^2 /NDF: 2315.9/1

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

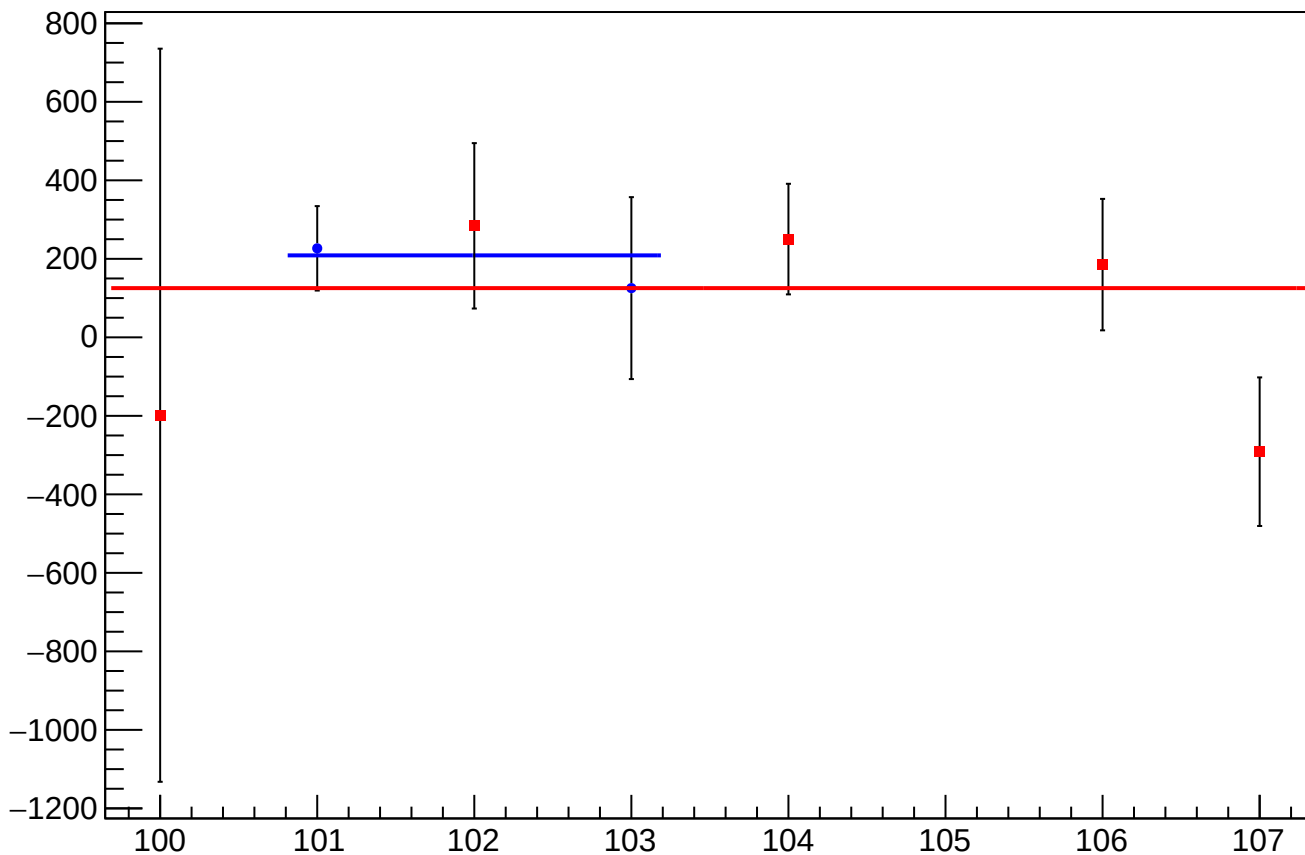
Right: 607.519 $\pm$ 0.257 χ^2 /NDF: 296525.4/6

In: 714.966 $\pm$ 0.454 χ^2 /NDF:2315.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 607.519 $\pm$ 0.257 χ^2 /NDF: 296525.4/6

eigen_cor_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 208.803 $\pm$ 97.564 χ^2 /NDF: 0.2/1

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

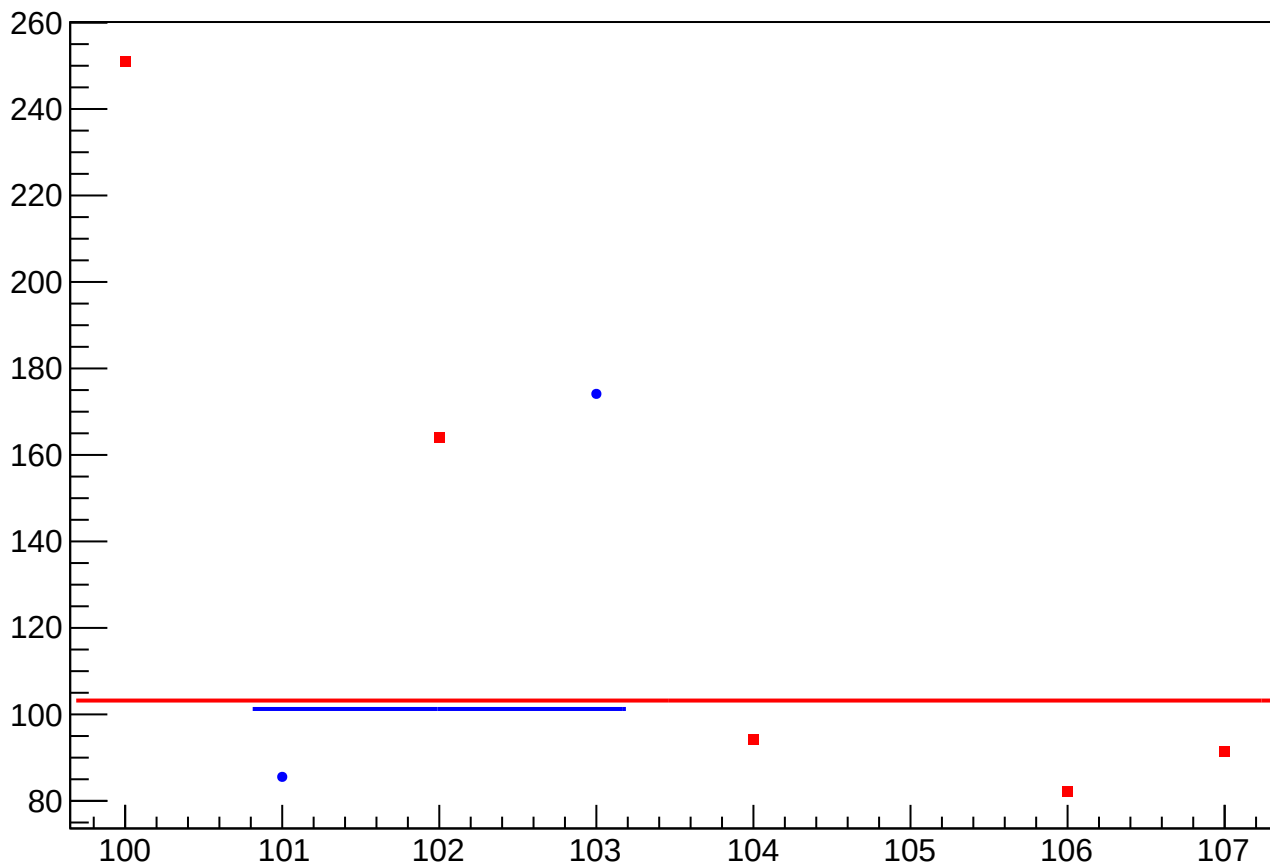
Right: 161.496 $\pm$ 64.190 χ^2 /NDF: 7.0/6

In: 208.803 $\pm$ 97.564 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 161.496 $\pm$ 64.190 χ^2 /NDF: 7.0/6

eigen_cor_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 101.254+/-0.069 χ^2/NDF : 240347.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.204+/-0.060 χ^2/NDF : 264375.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

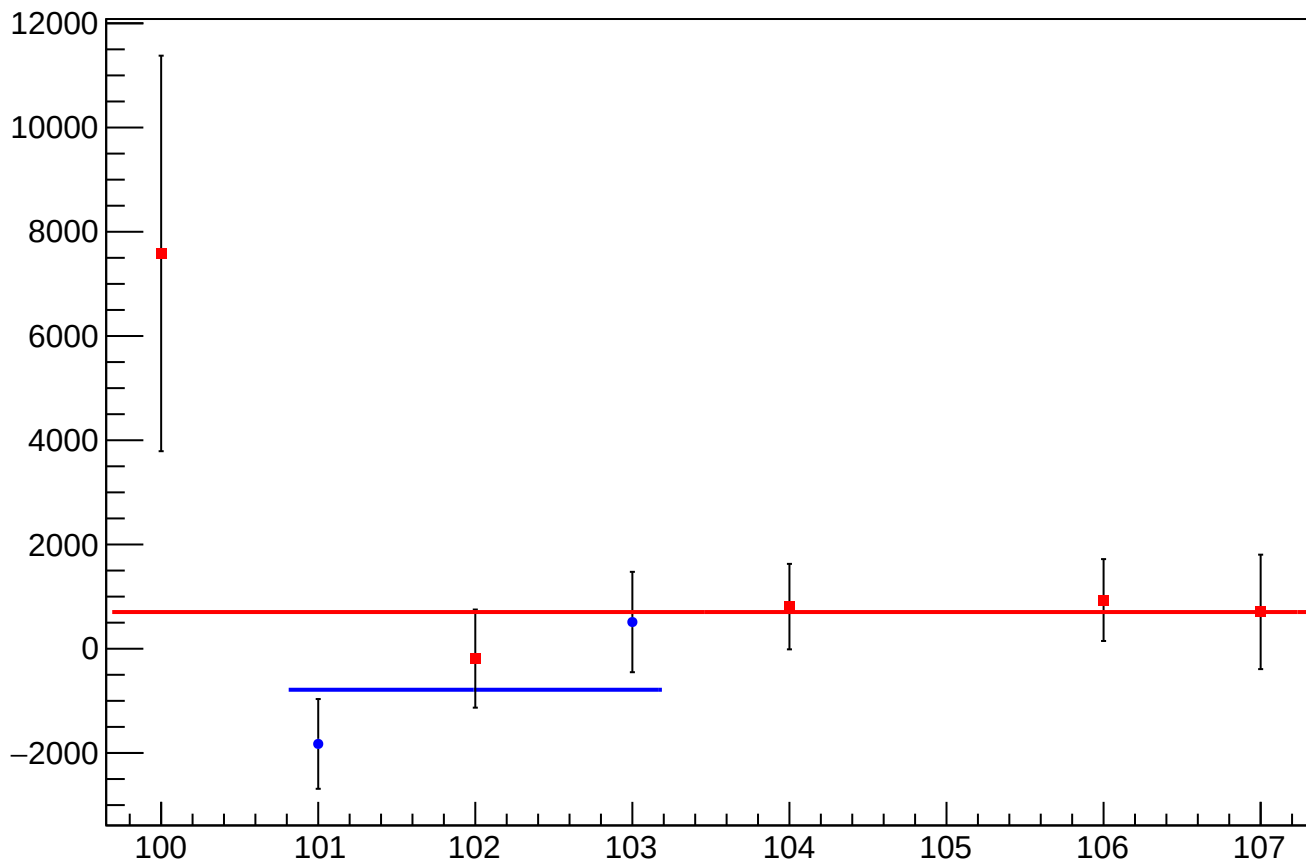
Right: 102.360+/-0.045 χ^2/NDF : 505176.3/6

In: 101.254+/-0.069 χ^2/NDF : 240347.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.360+/-0.045 χ^2/NDF : 505176.3/6

asym_sam_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -787.091+/-641.910 χ^2/NDF : 3.3/1

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

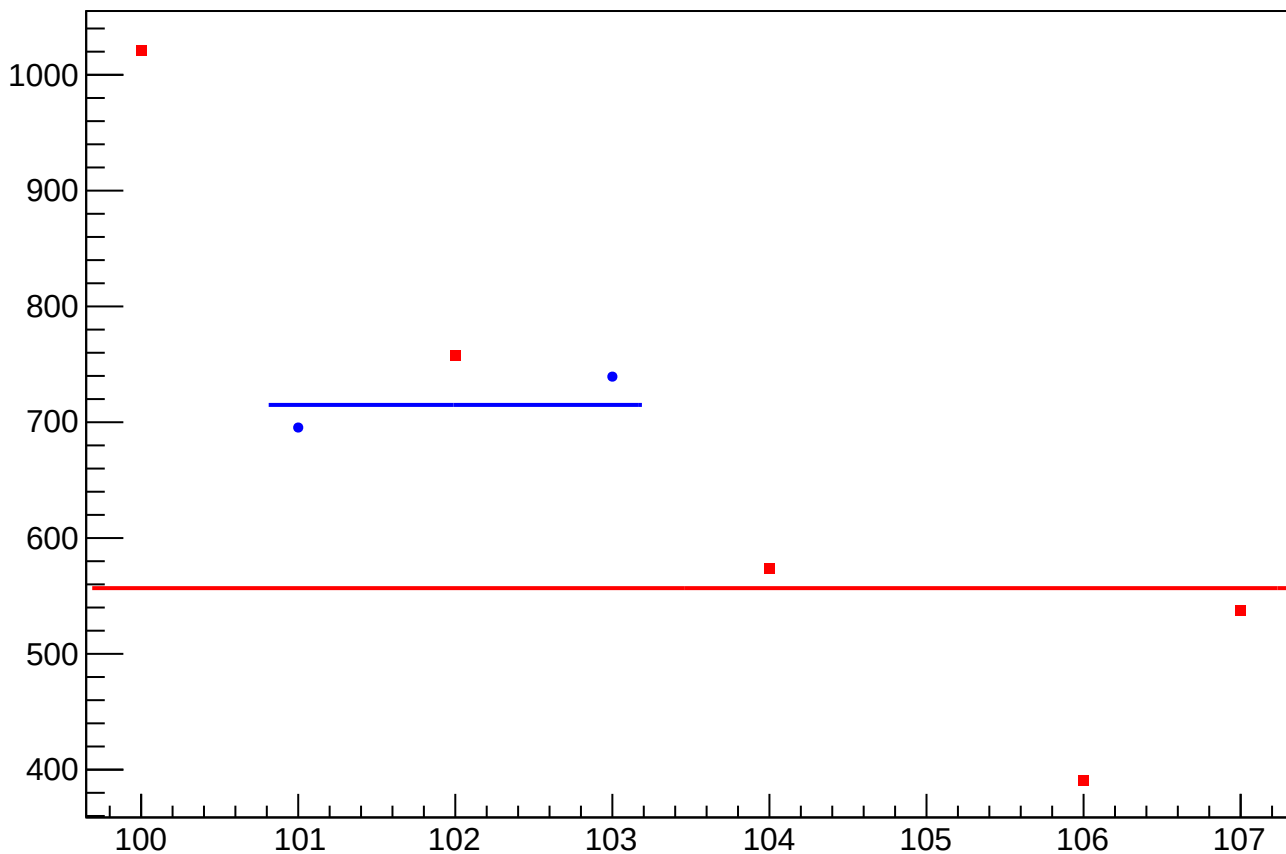
Right: 225.478+/-363.626 χ^2/NDF : 11.2/6

In: -787.091+/-641.910 χ^2/NDF : 3.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 225.478+/-363.626 χ^2/NDF : 11.2/6

asym_sam_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 714.966 ± 0.454 $\chi^2/\text{NDF}: 2315.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 556.748 ± 0.312 $\chi^2/\text{NDF}: 211694.6/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

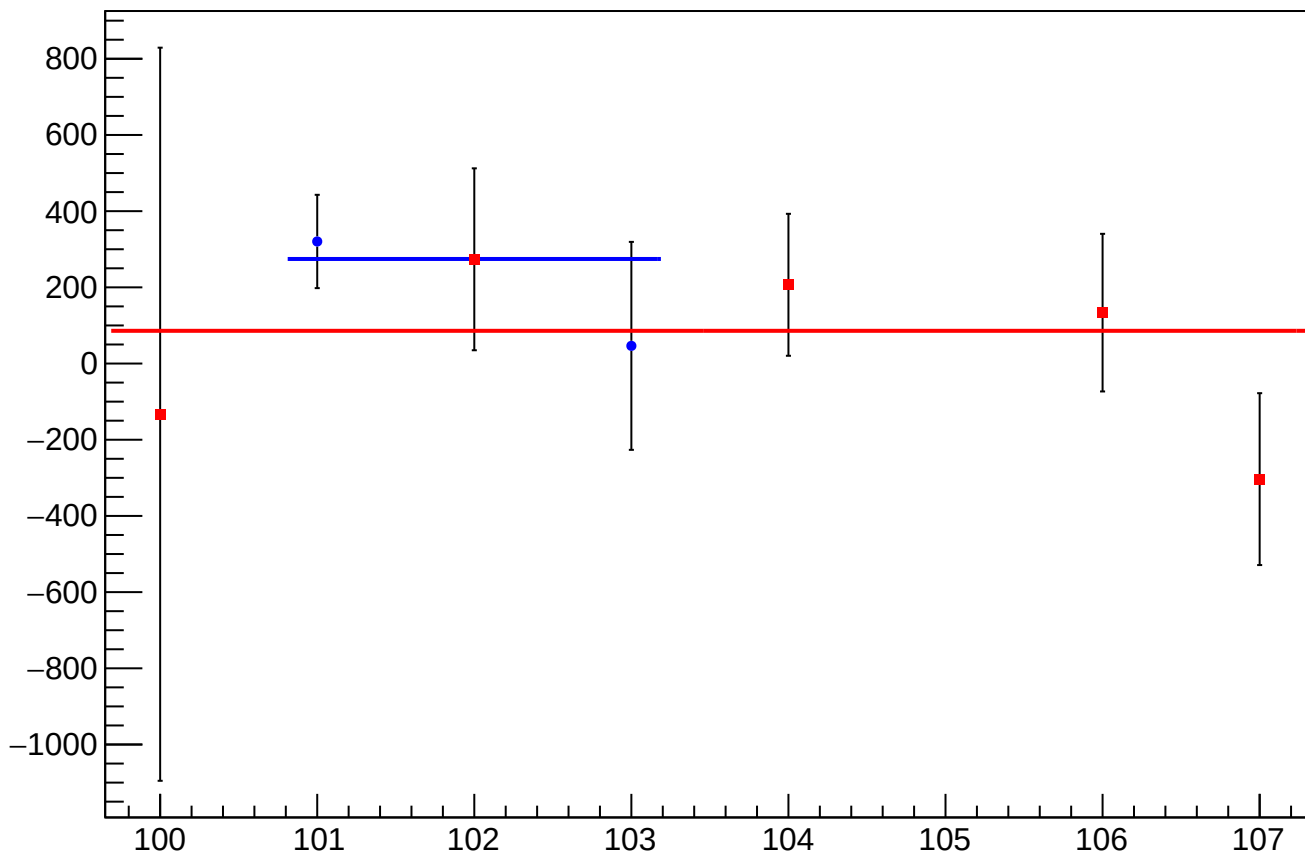
Right: 607.519 ± 0.257 $\chi^2/\text{NDF}: 296525.4/6$

In: 714.966 ± 0.454 $\chi^2/\text{NDF}: 2315.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 607.519 ± 0.257 $\chi^2/\text{NDF}: 296525.4/6$

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 274.496+/-111.743 χ^2/NDF : 0.8/1

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

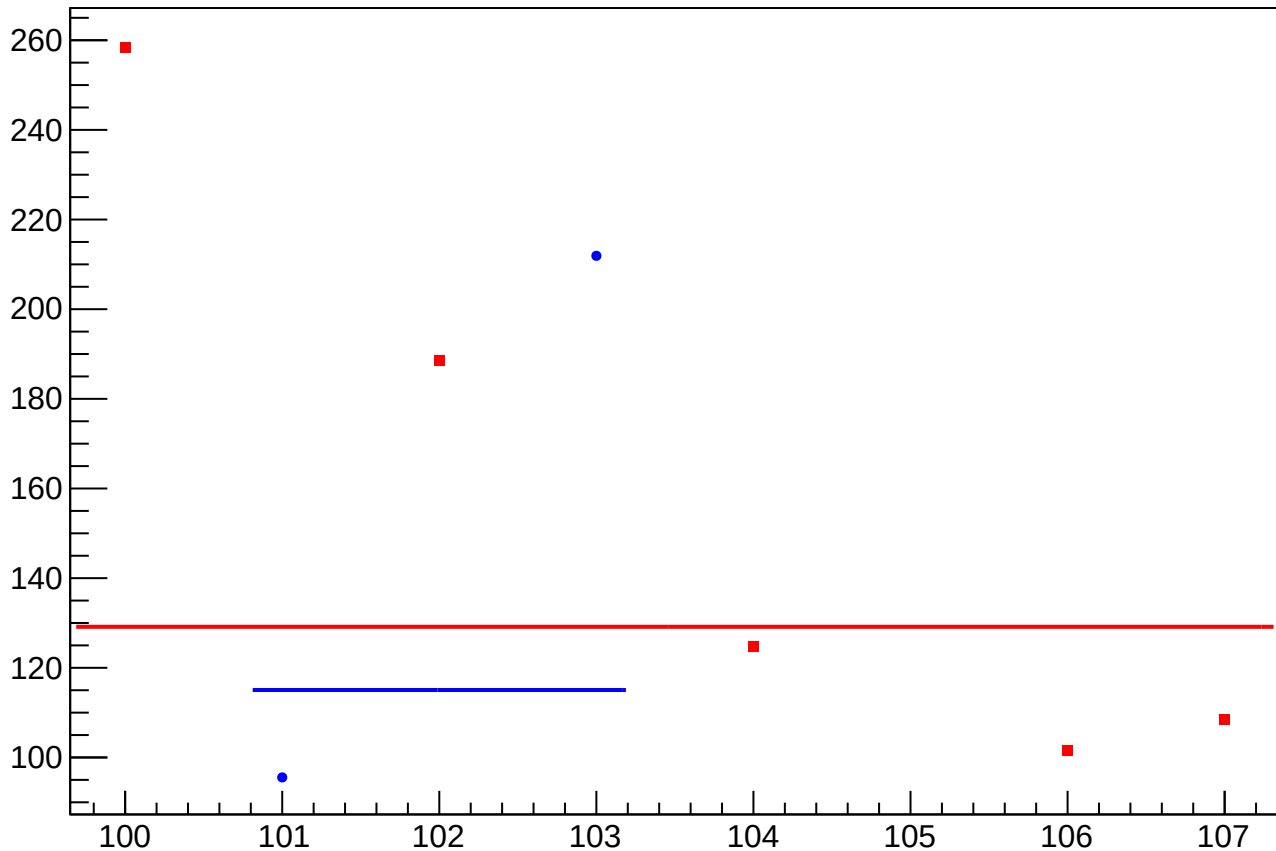
Right: 174.481+/-76.578 χ^2/NDF : 6.5/6

In: 274.496+/-111.743 χ^2/NDF : 0.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.481+/-76.578 χ^2/NDF : 6.5/6

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 115.053+/-0.079 χ^2/NDF : 302545.4/1

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

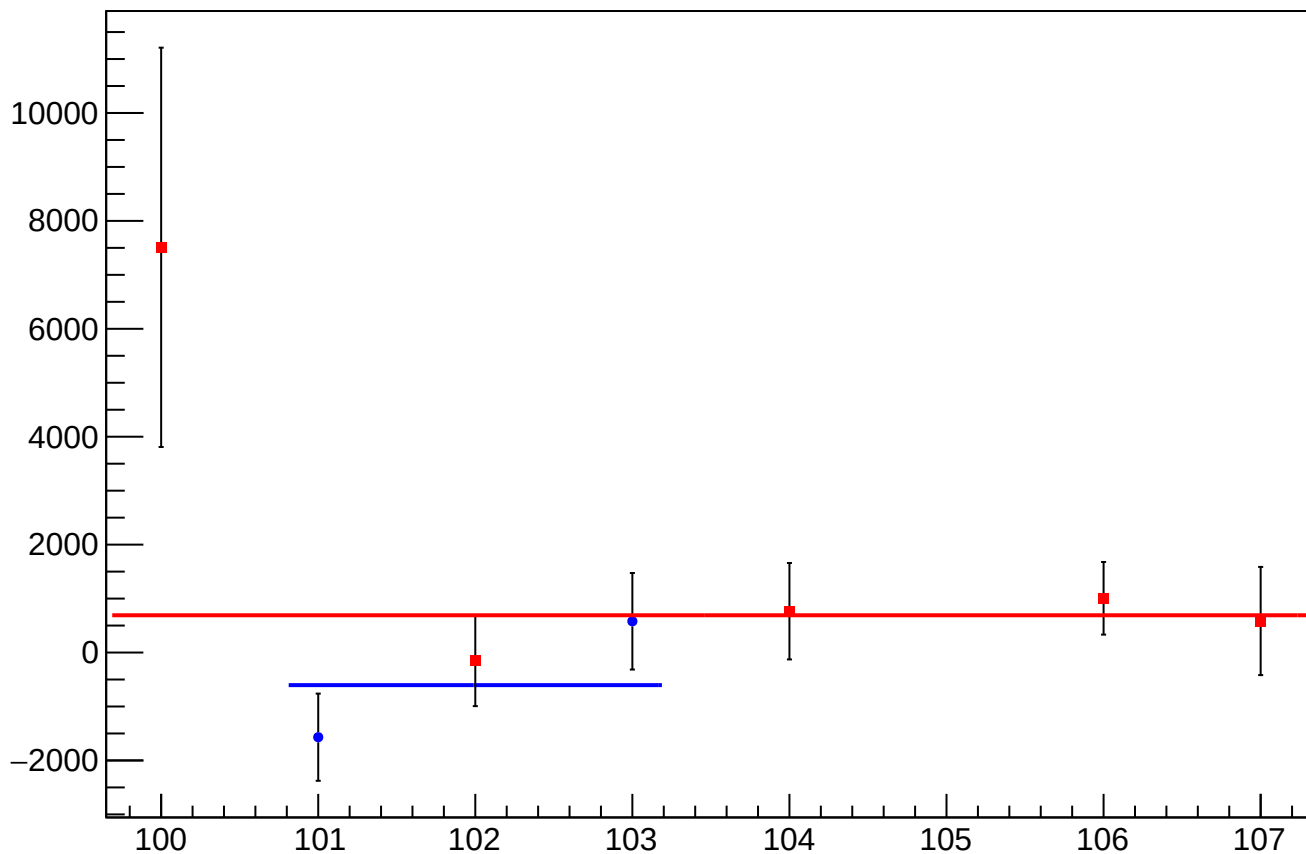
Right: 122.527+/-0.054 χ^2/NDF : 532389.3/6

In: 115.053+/-0.079 χ^2/NDF : 302545.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.527+/-0.054 χ^2/NDF : 532389.3/6

asym_sam_37_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -604.022 $\pm$ 599.646 χ^2 /NDF: 3.2/1

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

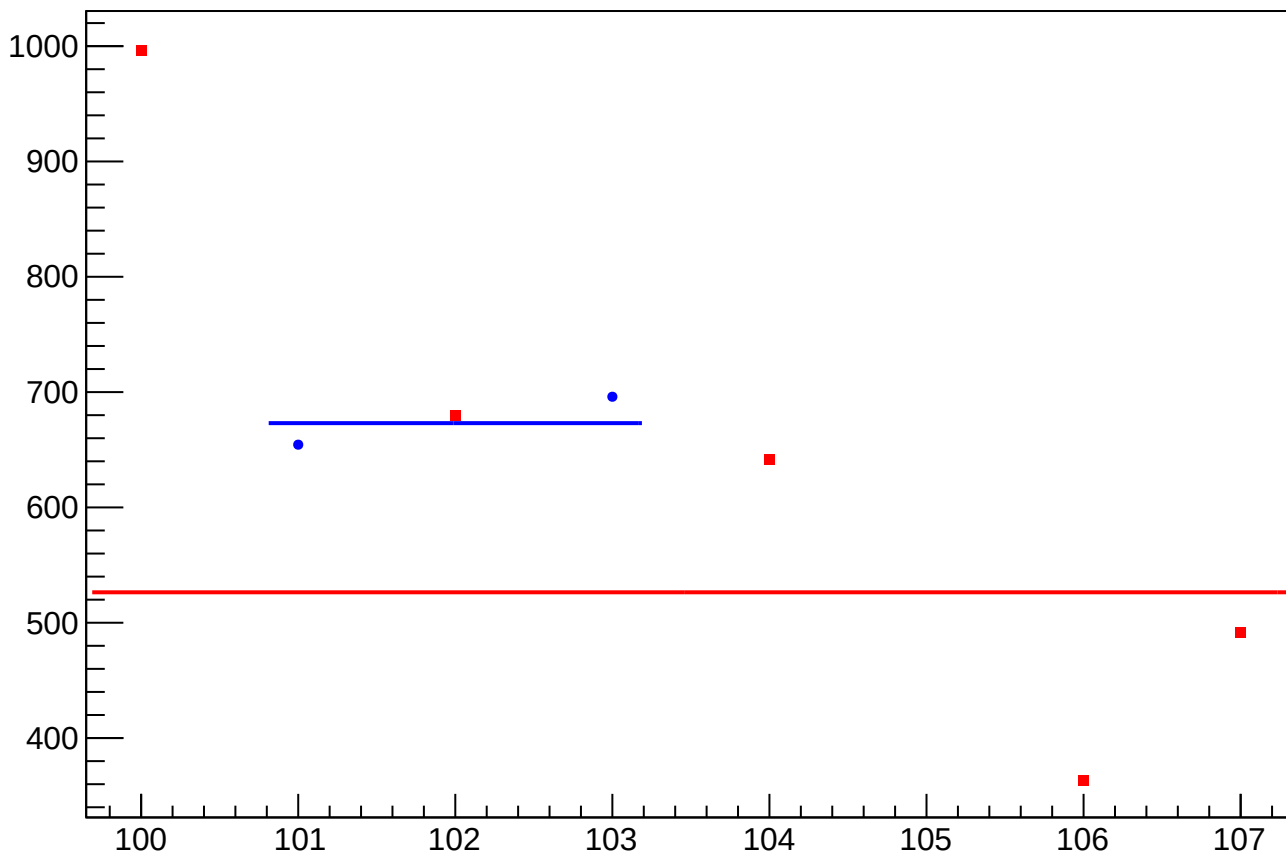
Right: 277.554 $\pm$ 338.803 χ^2 /NDF: 11.0/6

In: -604.022 $\pm$ 599.646 χ^2 /NDF: 3.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 277.554 $\pm$ 338.803 χ^2 /NDF: 11.0/6

asym_sam_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 673.088+/-0.424 χ^2/NDF : 2377.5/1

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

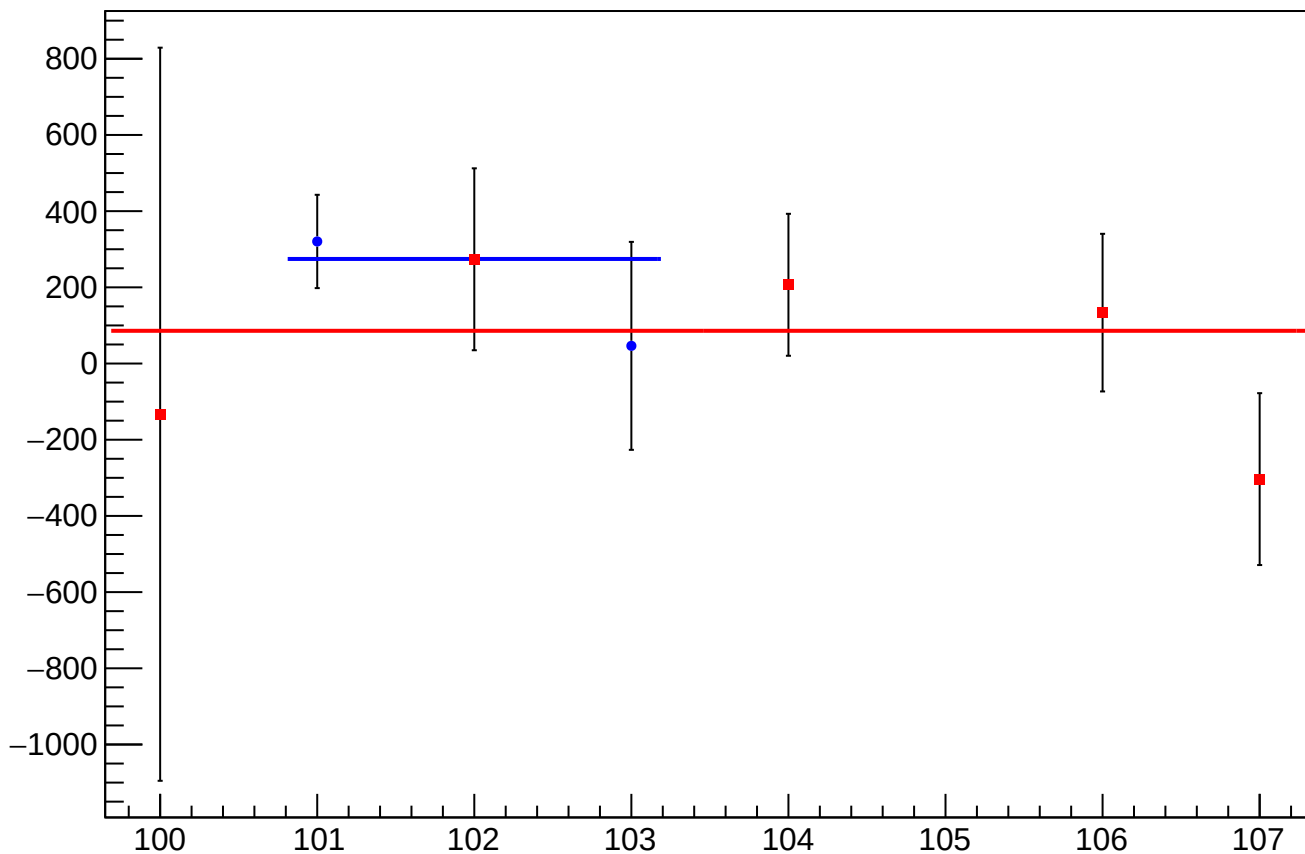
Right: 573.226+/-0.240 χ^2/NDF : 335012.9/6

In: 673.088+/-0.424 χ^2/NDF : 2377.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 573.226+/-0.240 χ^2/NDF : 335012.9/6

eigen_dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 274.502 $\pm$ 111.744 χ^2 /NDF: 0.8/1

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

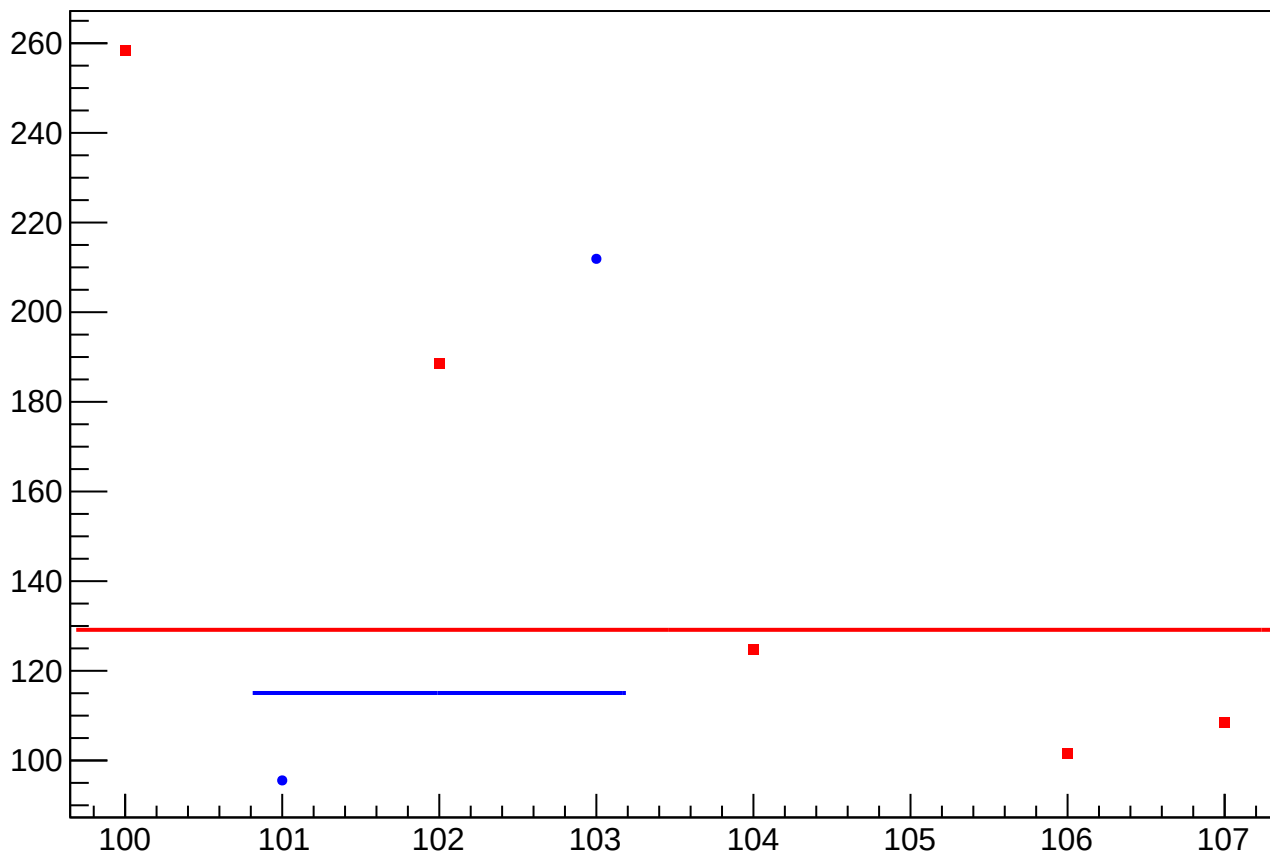
Right: 174.483 $\pm$ 76.578 χ^2 /NDF: 6.5/6

In: 274.502 $\pm$ 111.744 χ^2 /NDF: 0.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 174.483 $\pm$ 76.578 χ^2 /NDF: 6.5/6

eigen_dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 115.054+/-0.079 χ^2/NDF : 302545.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.144+/-0.074 χ^2/NDF : 212979.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

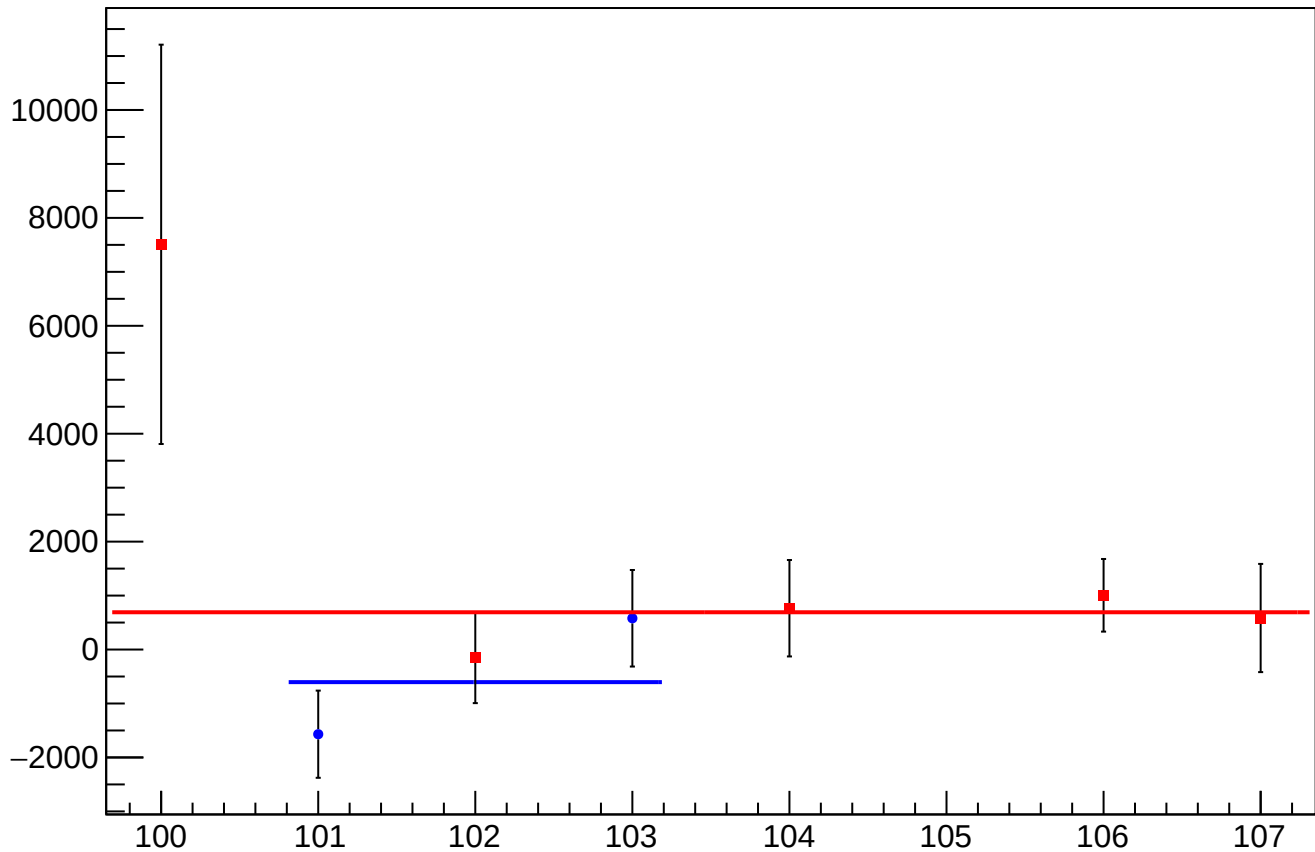
Right: 122.527+/-0.054 χ^2/NDF : 532390.0/6

In: 115.054+/-0.079 χ^2/NDF : 302545.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.527+/-0.054 χ^2/NDF : 532390.0/6

asym_sam_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -604.019+/-599.643 χ^2/NDF : 3.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 690.947+/-410.626 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

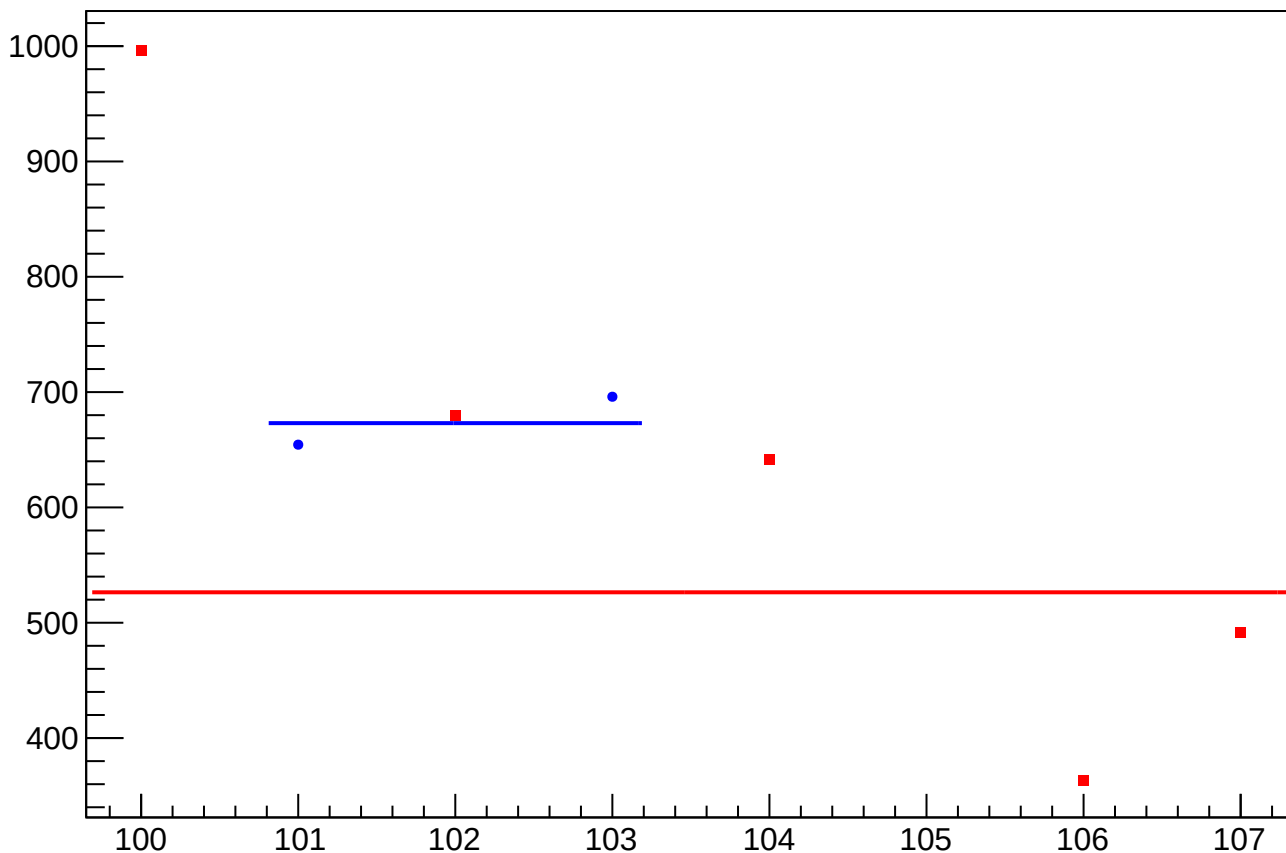
Right: 277.552+/-338.802 χ^2/NDF : 11.0/6

In: -604.019+/-599.643 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 277.552+/-338.802 χ^2/NDF : 11.0/6

asym_sam_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 673.084 ± 0.424 χ^2/NDF : 2377.4/1

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

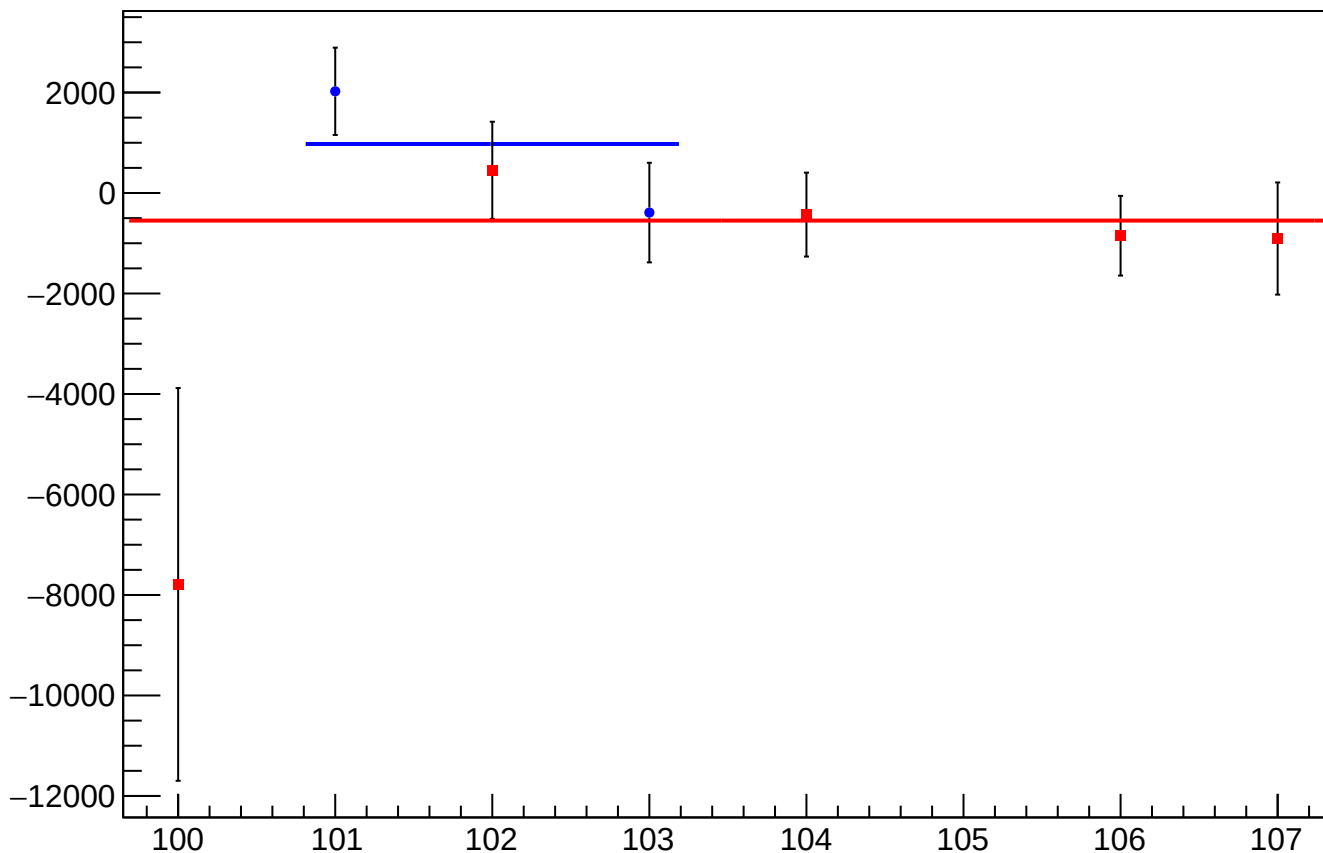
Right: 573.224 ± 0.240 χ^2/NDF : 335008.6/6

In: 673.084 ± 0.424 χ^2/NDF : 2377.4/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 573.224 ± 0.240 χ^2/NDF : 335008.6/6

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 975.594 ± 653.411 χ^2/NDF : 3.4/1

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

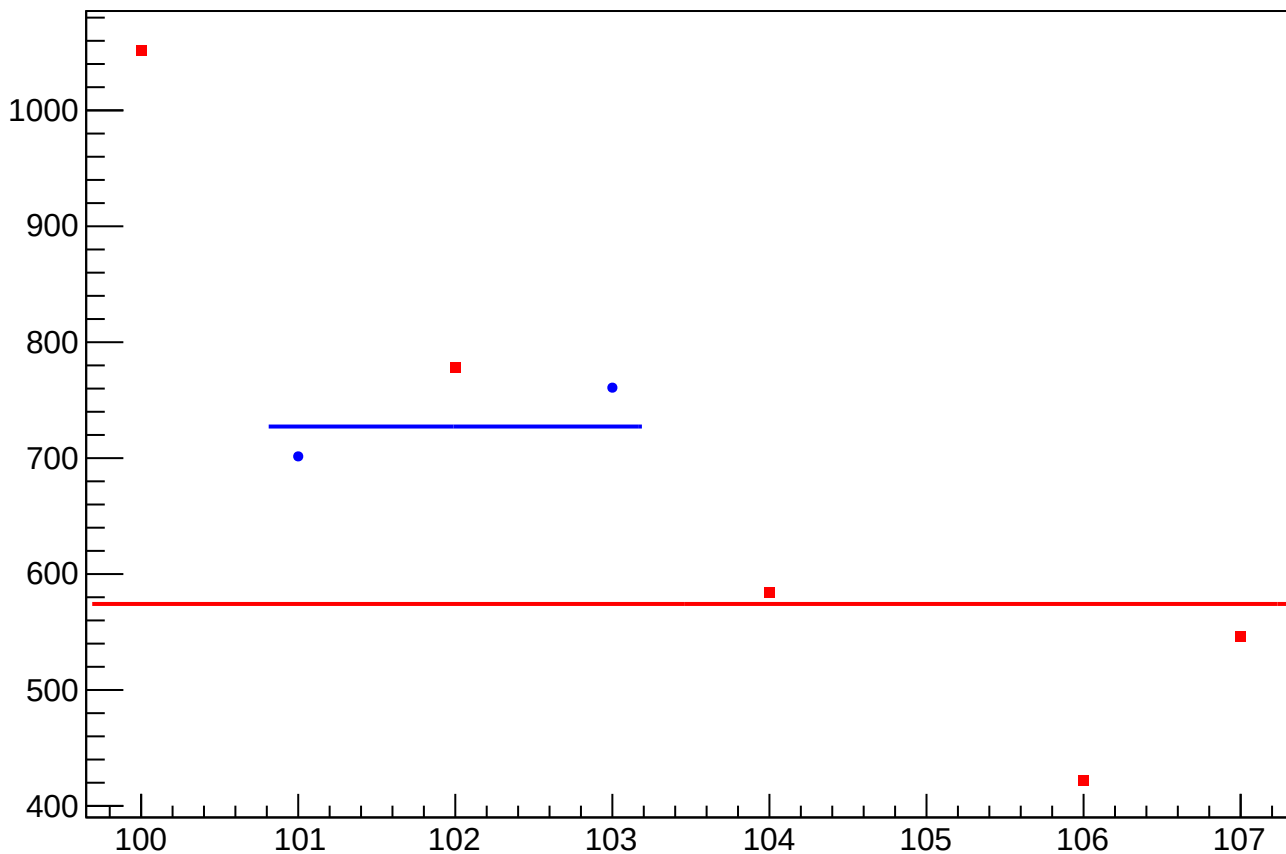
Right: -59.687 ± 370.071 χ^2/NDF : 11.8/6

In: 975.594 ± 653.411 χ^2/NDF : 3.4/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -59.687 ± 370.071 χ^2/NDF : 11.8/6

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 727.268+/-0.462 χ^2/NDF : 4045.0/1

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

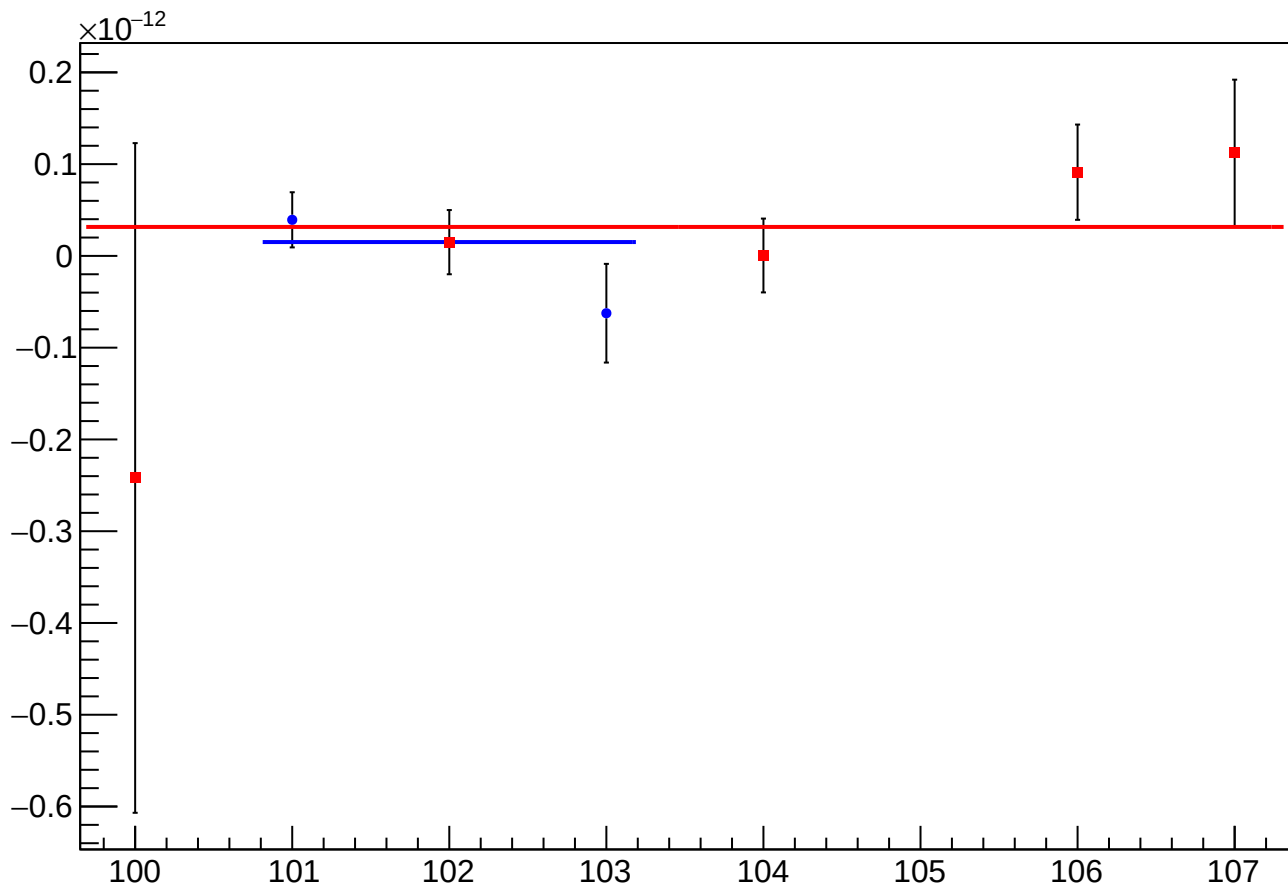
Right: 623.308+/-0.262 χ^2/NDF : 272344.4/6

In: 727.268+/-0.462 χ^2/NDF : 4045.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 623.308+/-0.262 χ^2/NDF : 272344.4/6

asym_sam_37_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.7/1

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

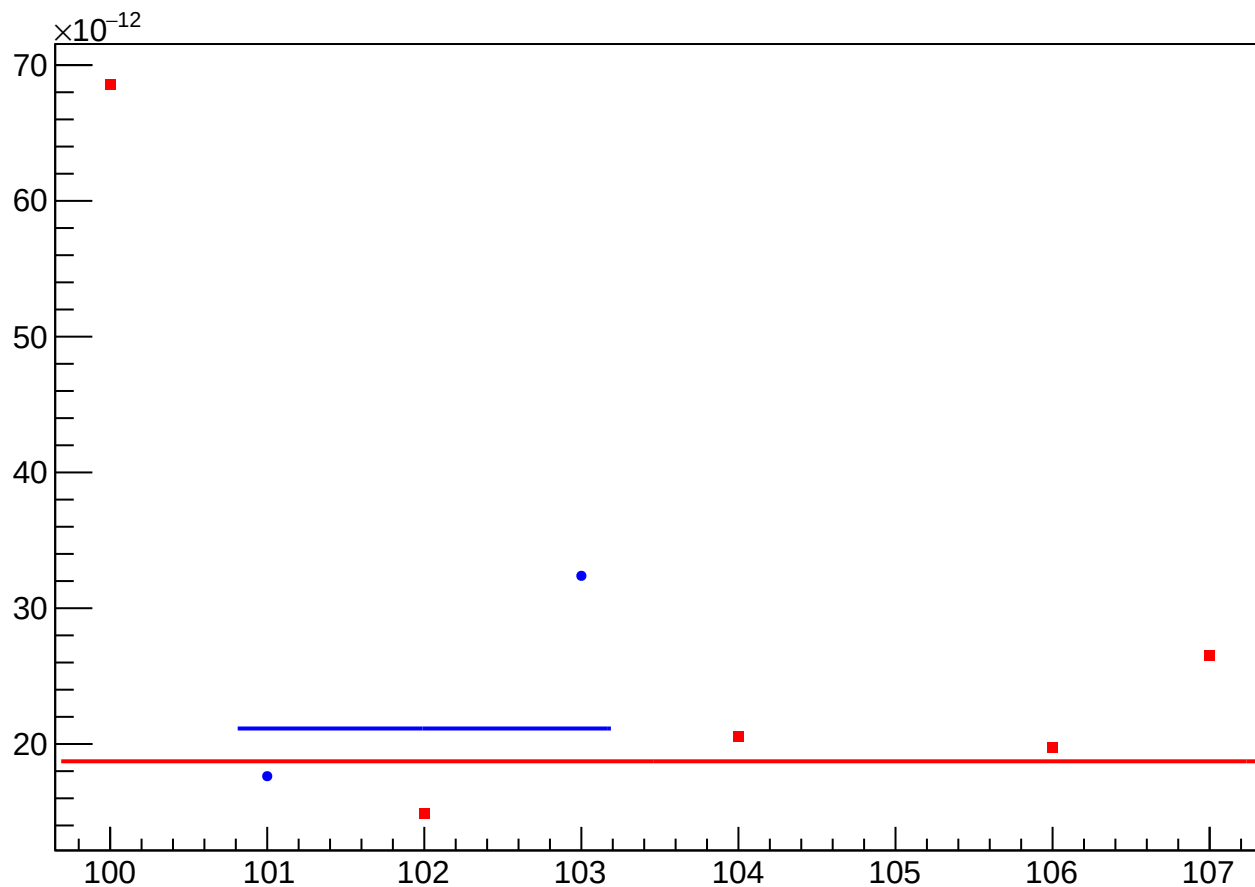
Right: 0.000+/-0.000 χ^2/NDF : 6.7/6

In: 0.000+/-0.000 χ^2/NDF : 2.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.7/6

asym_sam_37_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 114751.2/1

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

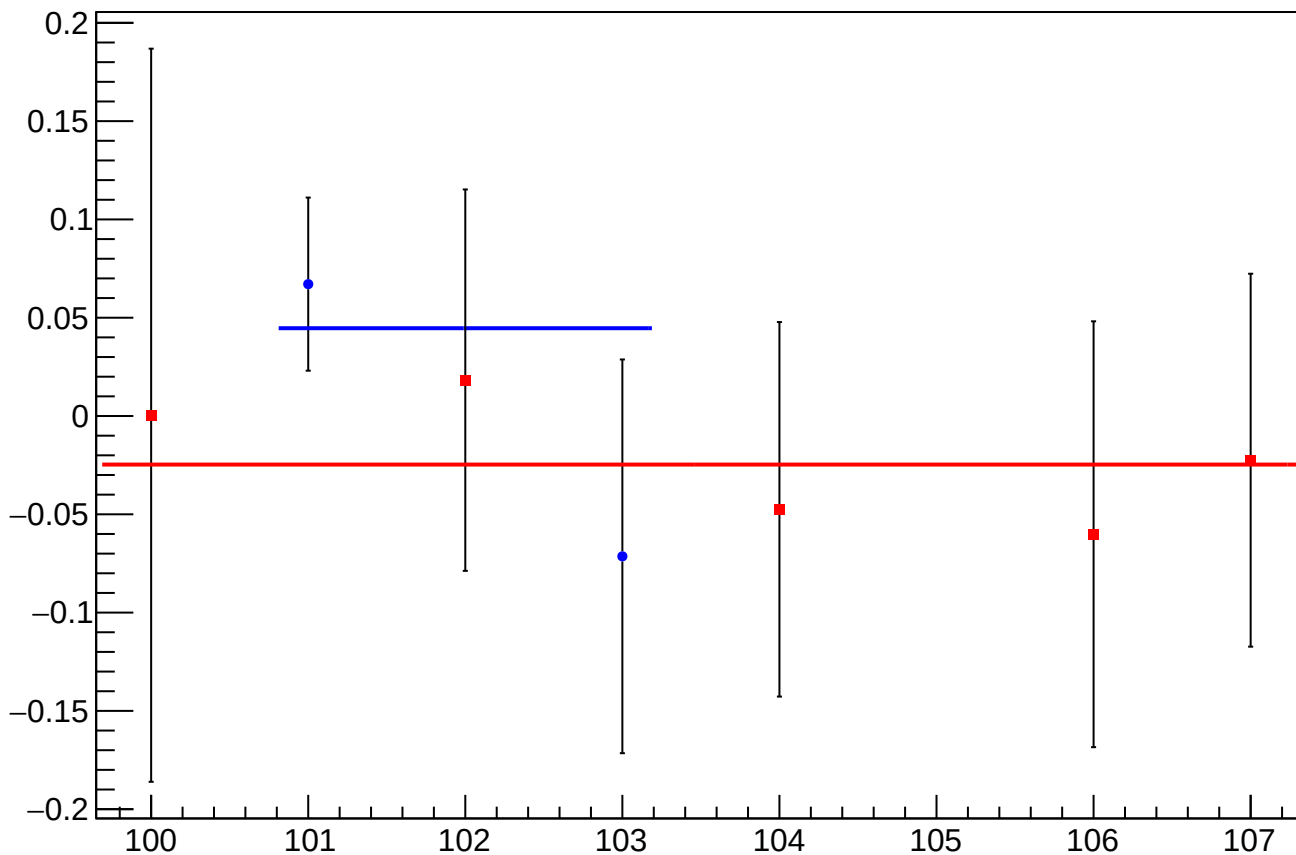
Right: 0.000+/-0.000 χ^2/NDF : 210306.3/6

In: 0.000+/-0.000 χ^2/NDF : 114751.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 210306.3/6

asym_sam_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.045 $\pm$ 0.040 χ^2 /NDF: 1.6/1

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

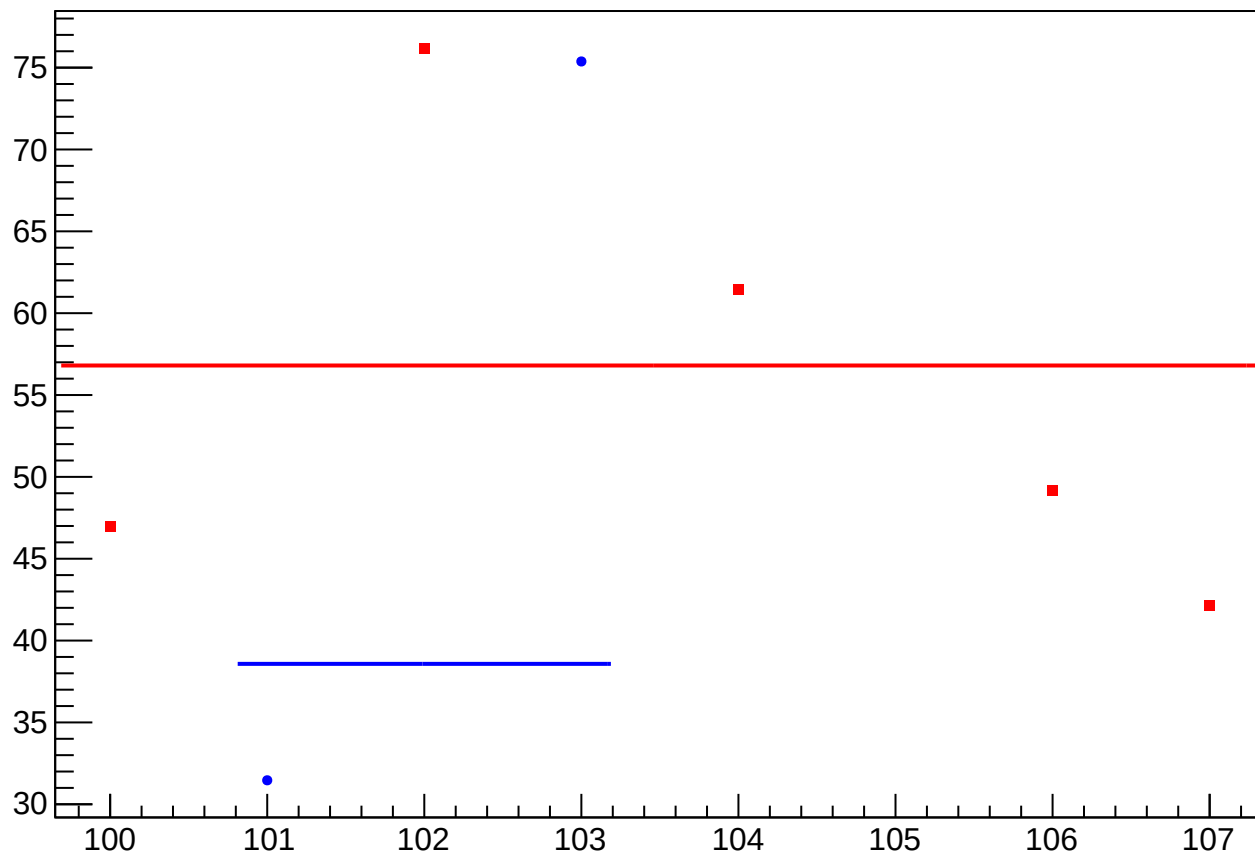
Right: 0.016 $\pm$ 0.031 χ^2 /NDF: 3.2/6

In: 0.045 $\pm$ 0.040 χ^2 /NDF: 1.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.016 $\pm$ 0.031 χ^2 /NDF: 3.2/6

asym_sam_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.577+/-0.028 χ^2/NDF : 322255.4/1

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

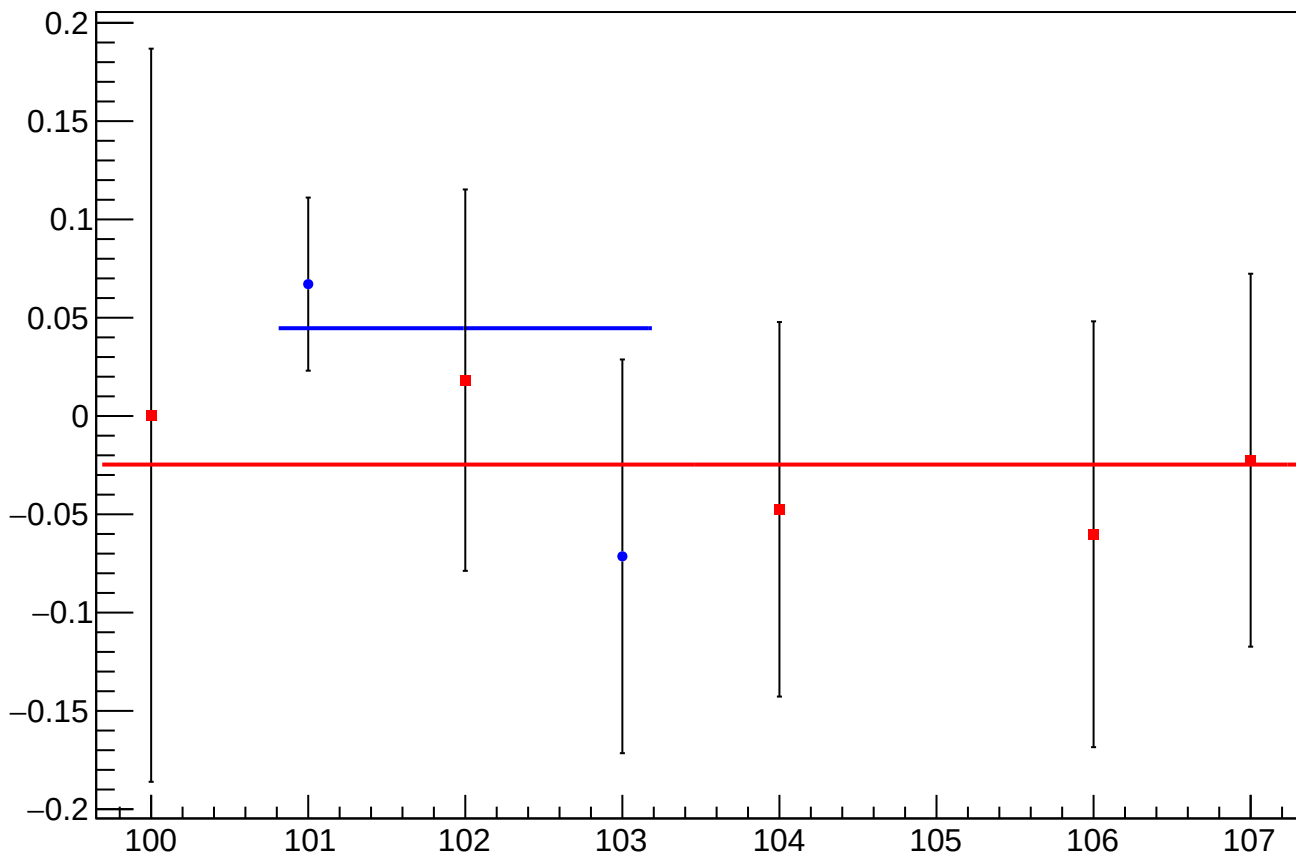
Right: 46.190+/-0.022 χ^2/NDF : 640821.3/6

In: 38.577+/-0.028 χ^2/NDF : 322255.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.190+/-0.022 χ^2/NDF : 640821.3/6

asym_sam_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.045 $\pm$ 0.040 χ^2 /NDF: 1.6/1

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

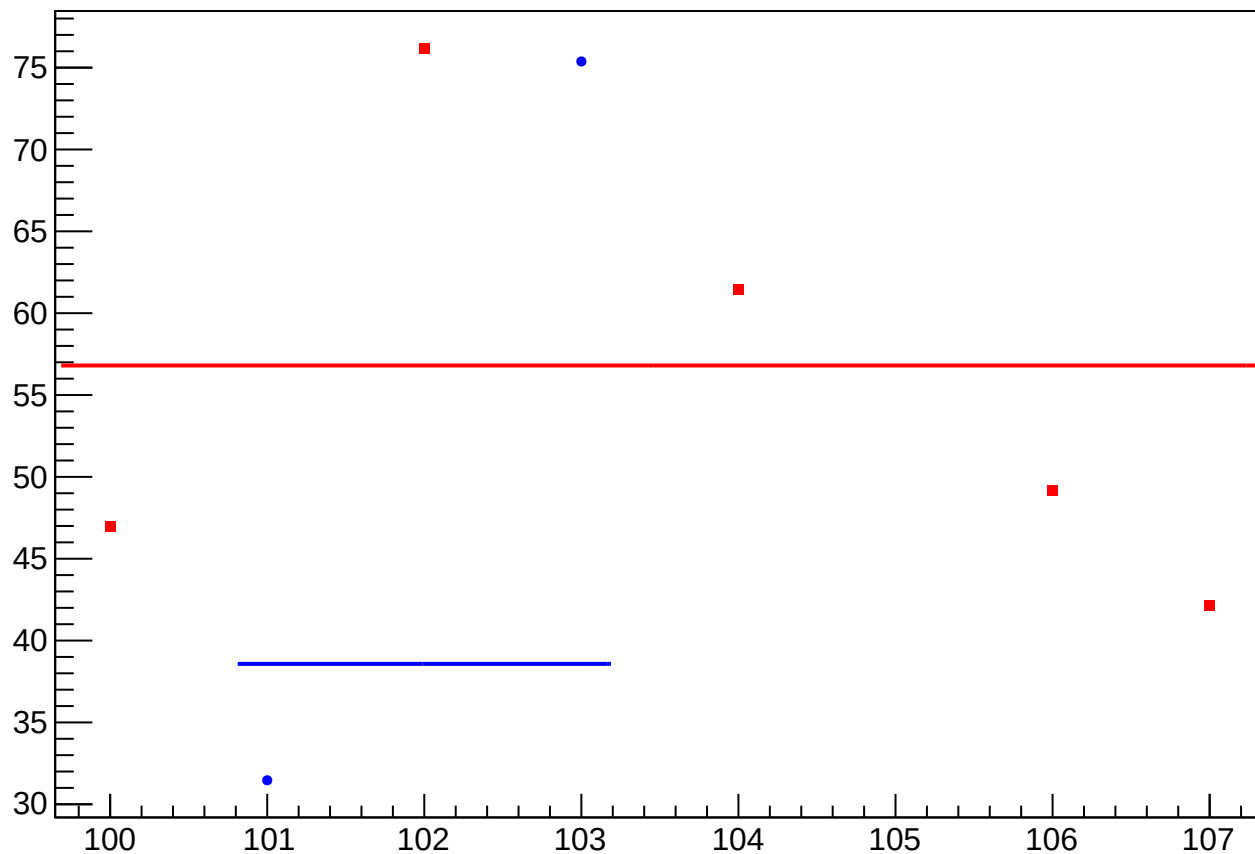
Right: 0.016 $\pm$ 0.031 χ^2 /NDF: 3.2/6

In: 0.045 $\pm$ 0.040 χ^2 /NDF:1.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.016 $\pm$ 0.031 χ^2 /NDF: 3.2/6

asym_sam_37_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.577+/-0.028 χ^2/NDF : 322255.4/1

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

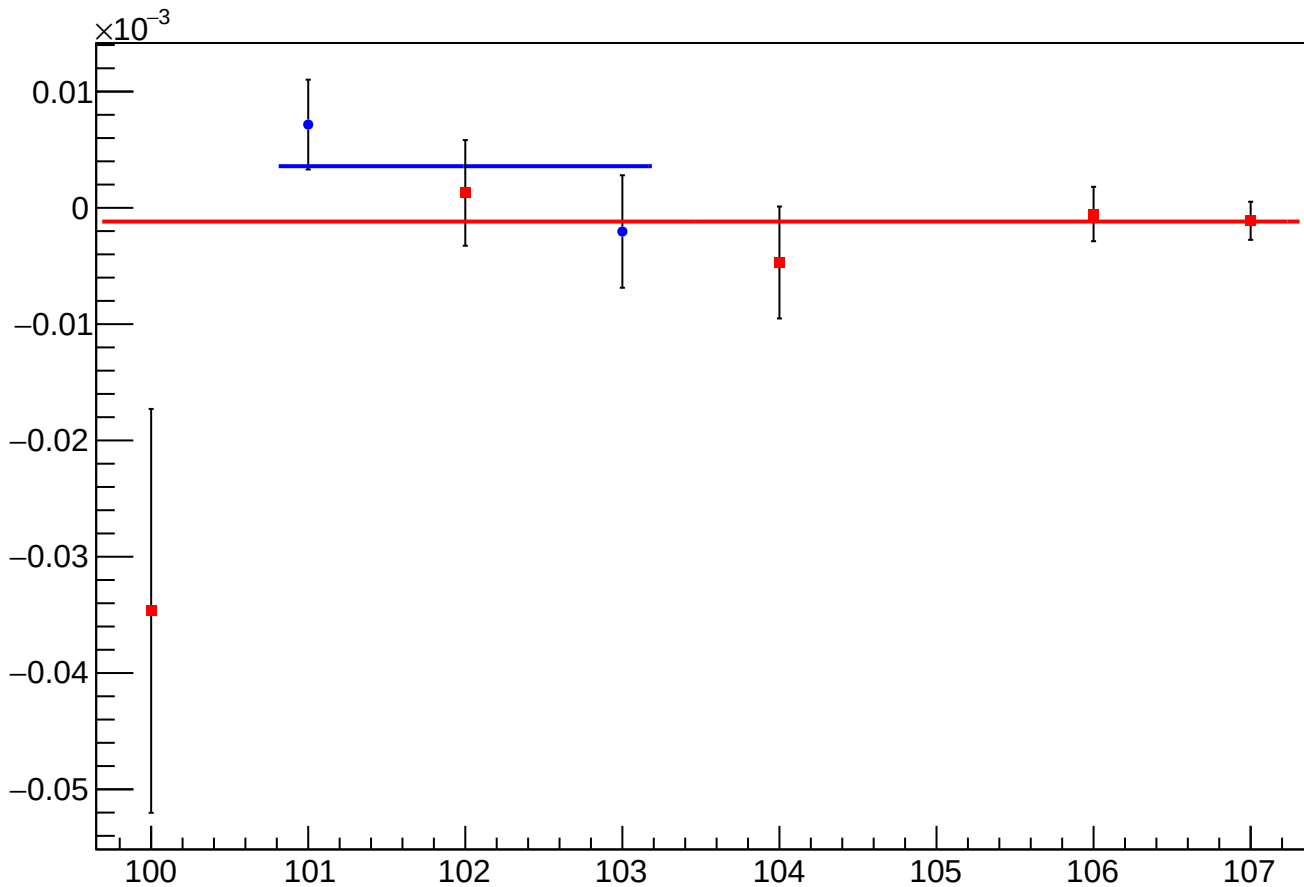
Right: 46.190+/-0.022 χ^2/NDF : 640821.3/6

In: 38.577+/-0.028 χ^2/NDF : 322255.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.190+/-0.022 χ^2/NDF : 640821.3/6

asym_sam_37_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.2/1

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

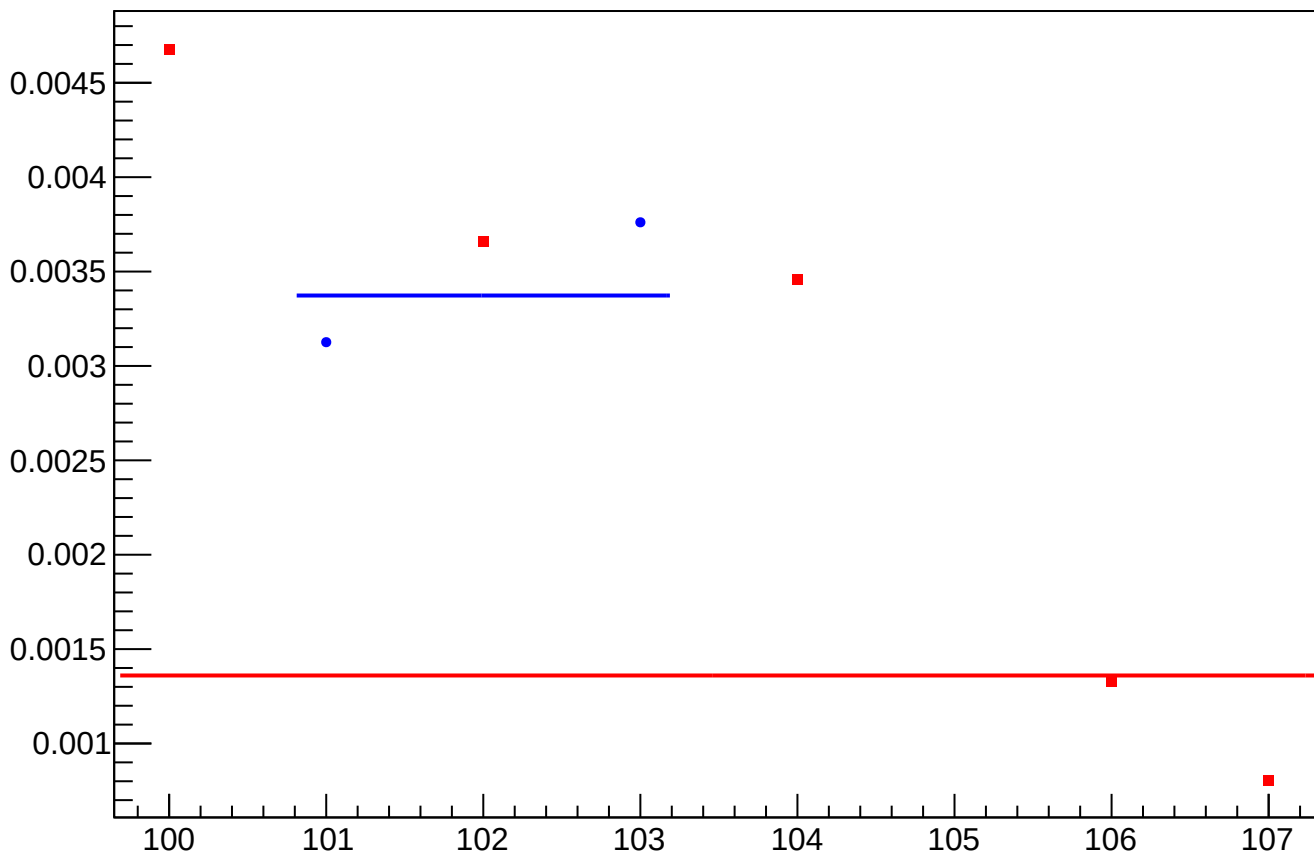
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.0/6

In: 0.000 $\pm$ 0.000 χ^2 /NDF:2.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.0/6

asym_sam_37_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 21066.3/1

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

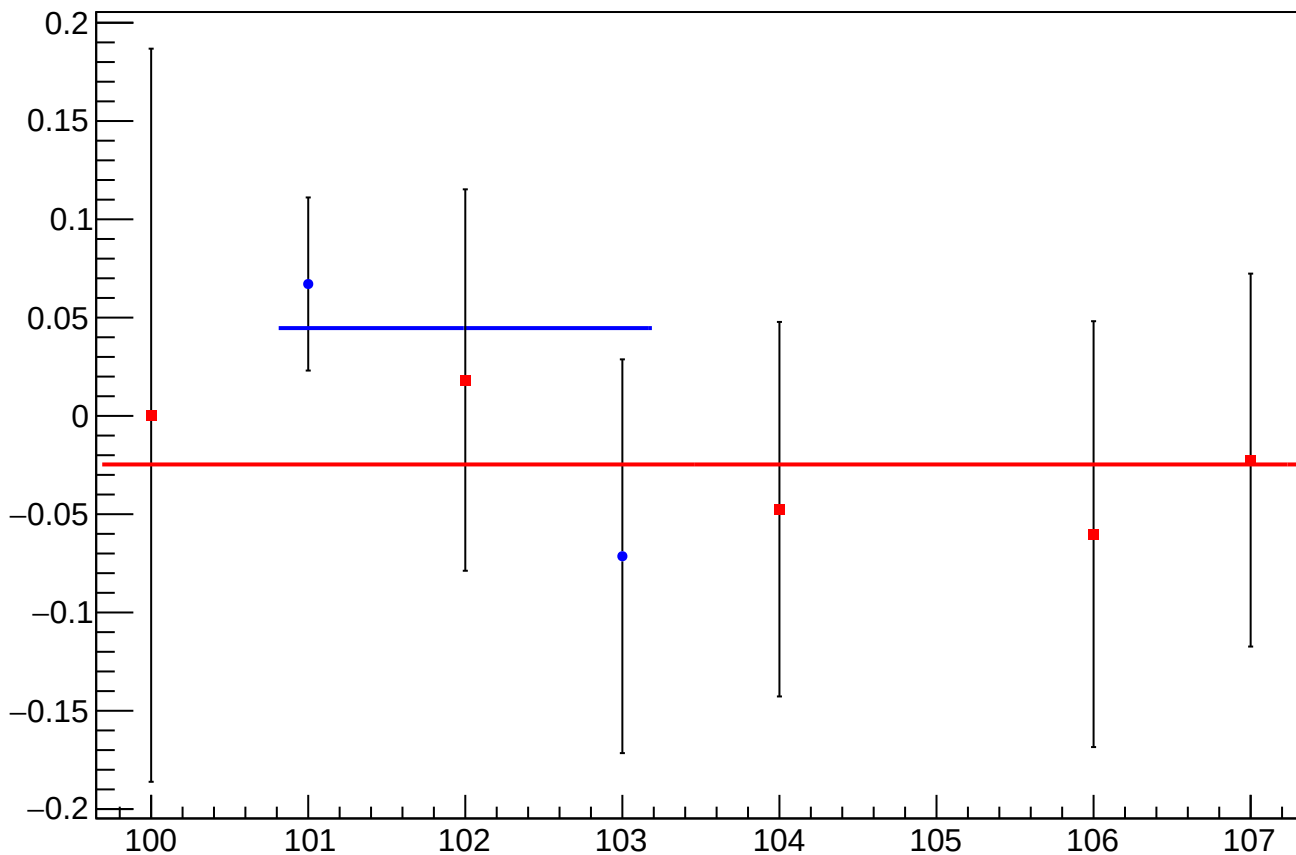
Right: 0.002+/-0.000 χ^2/NDF : 1977989.6/6

In: 0.003+/-0.000 χ^2/NDF :21066.3/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1977989.6/6

asym_sam_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.045 $\pm$ 0.040 χ^2 /NDF: 1.6/1

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

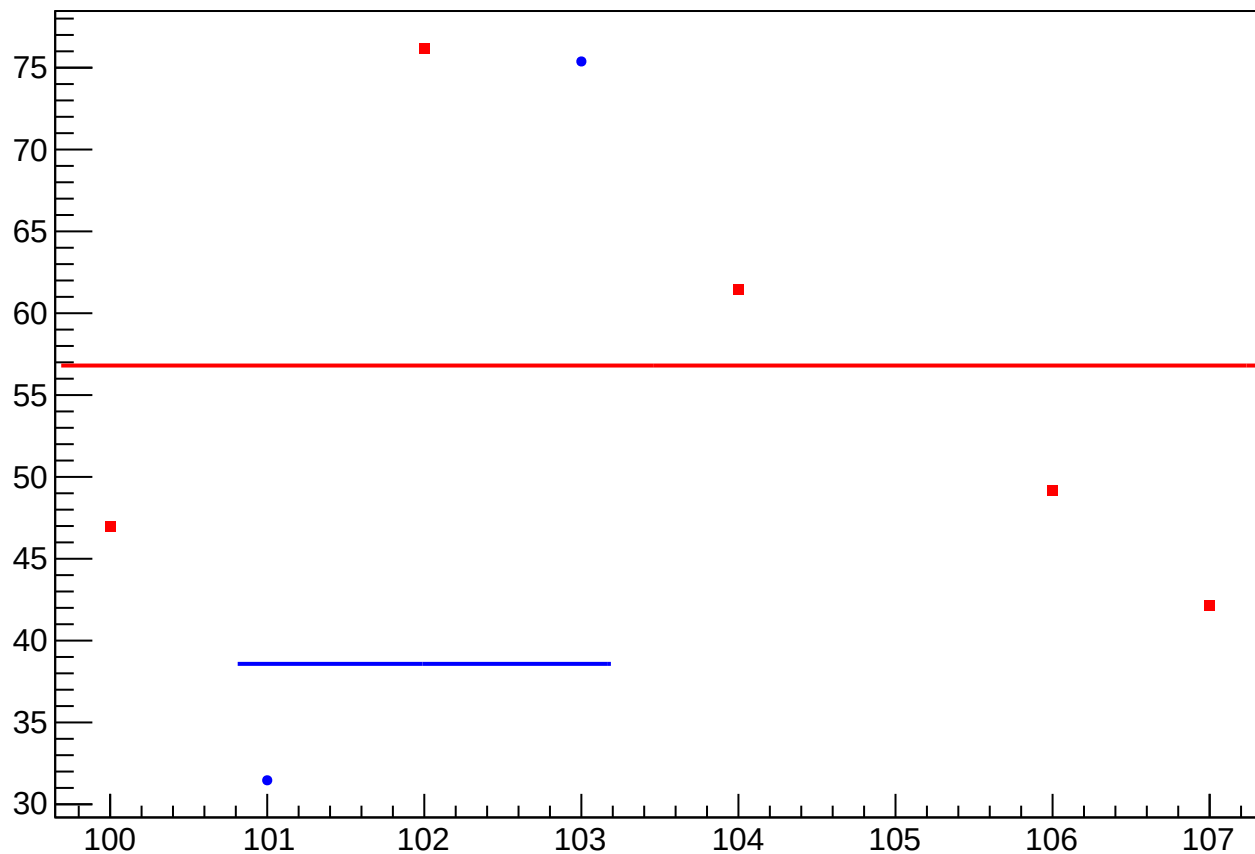
Right: 0.016 $\pm$ 0.031 χ^2 /NDF: 3.2/6

In: 0.045 $\pm$ 0.040 χ^2 /NDF:1.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.016 $\pm$ 0.031 χ^2 /NDF: 3.2/6

asym_sam_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.579+/-0.028 χ^2/NDF : 322261.4/1

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

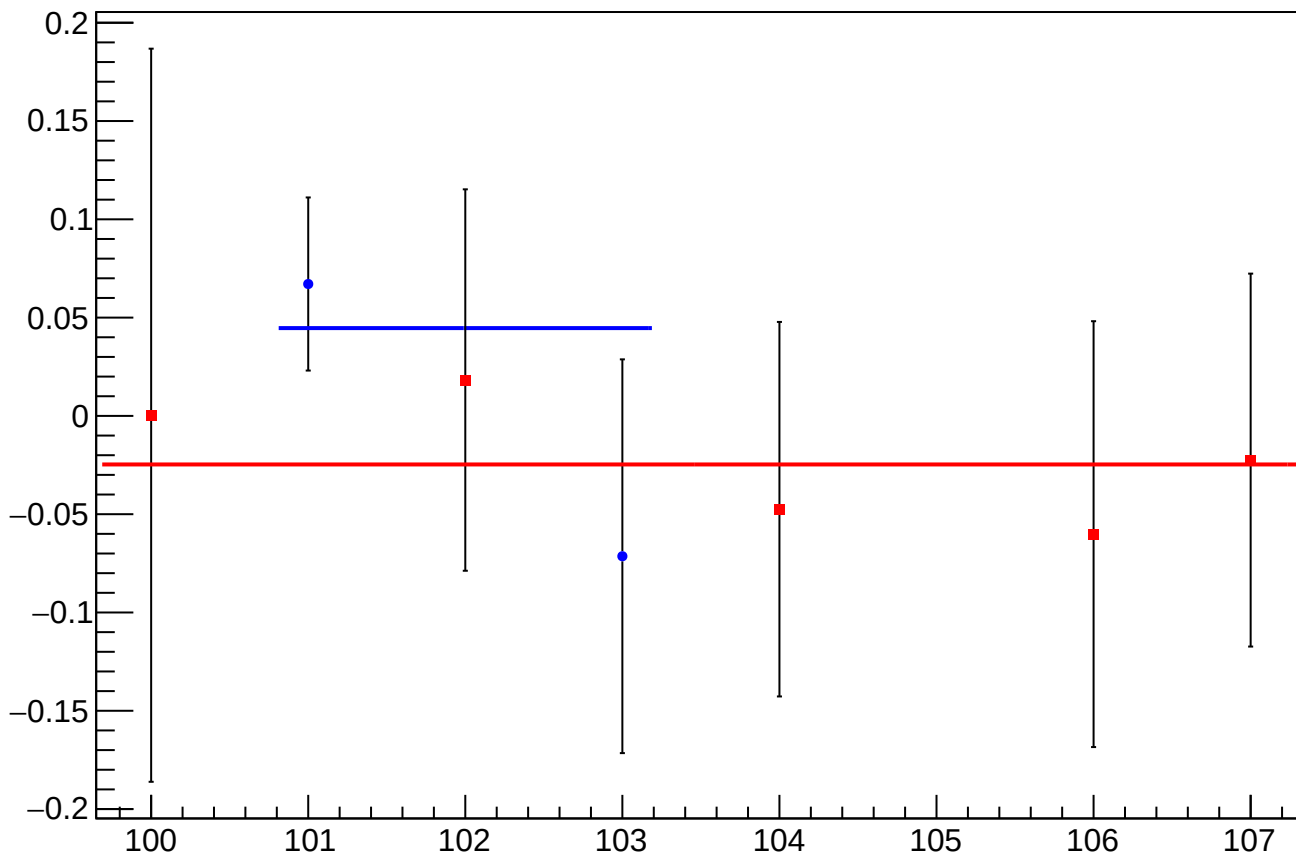
Right: 46.192+/-0.022 χ^2/NDF : 640796.1/6

In: 38.579+/-0.028 χ^2/NDF : 322261.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.192+/-0.022 χ^2/NDF : 640796.1/6

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.045+/-0.040 χ^2/NDF : 1.6/1

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

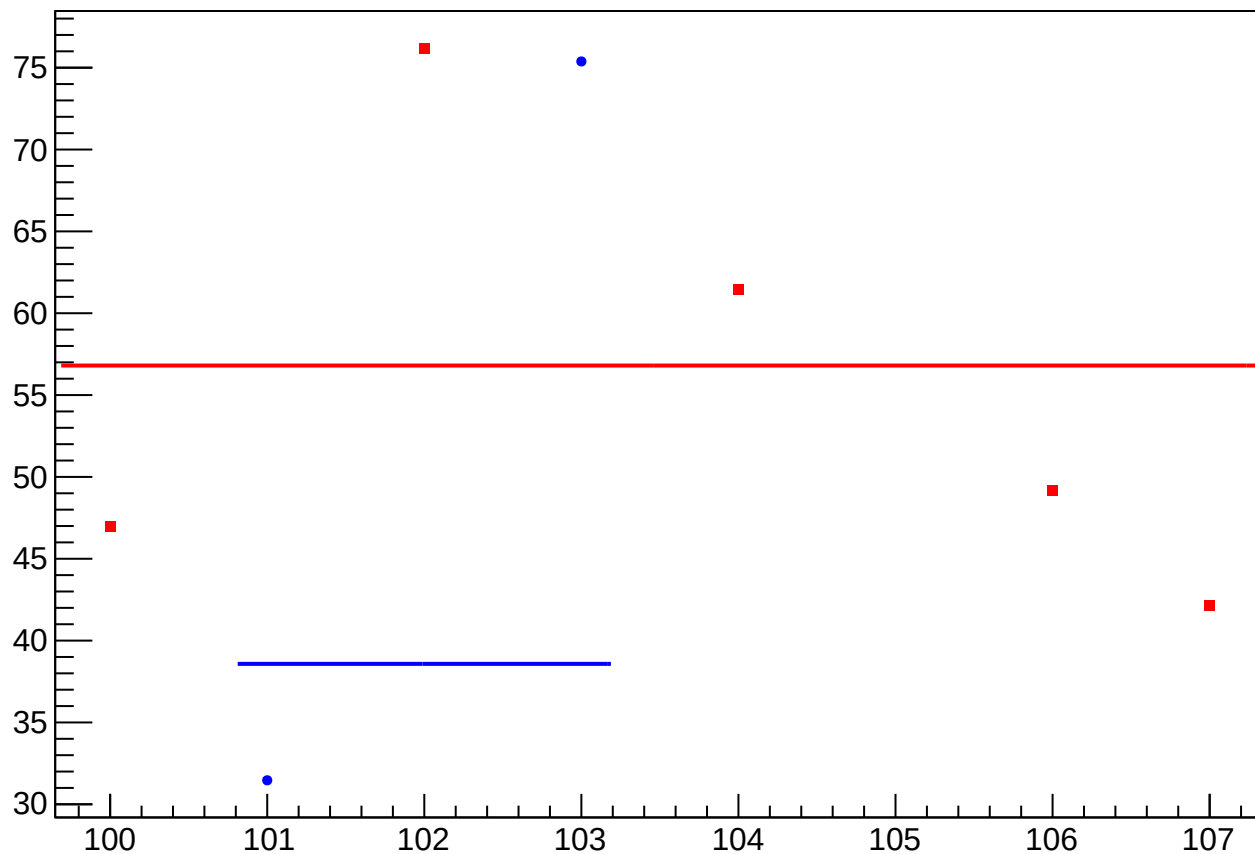
Right: 0.016+/-0.031 χ^2/NDF : 3.2/6

In: 0.045+/-0.040 χ^2/NDF : 1.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.031 χ^2/NDF : 3.2/6

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.579+/-0.028 χ^2/NDF : 322261.4/1

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

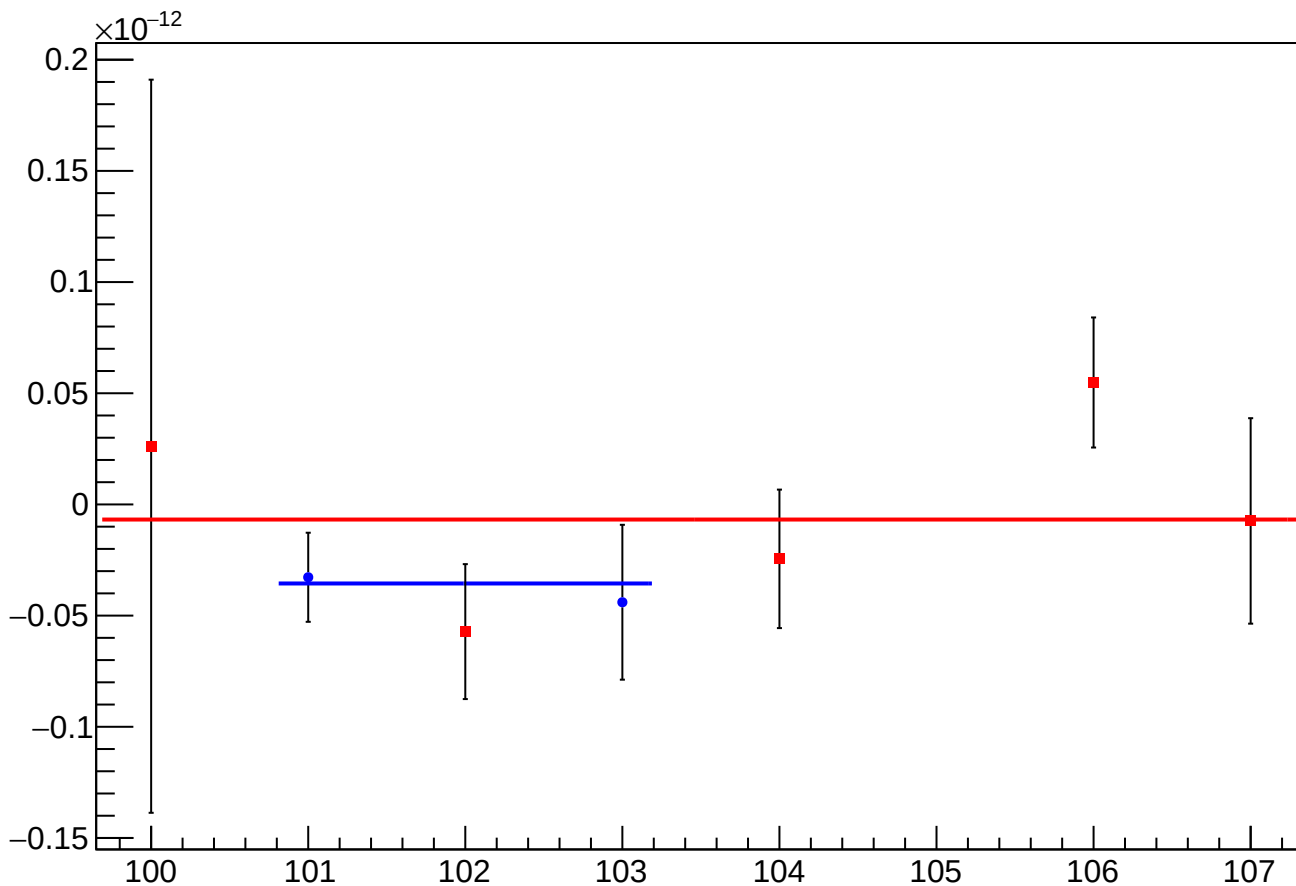
Right: 46.192+/-0.022 χ^2/NDF : 640796.1/6

In: 38.579+/-0.028 χ^2/NDF : 322261.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.192+/-0.022 χ^2/NDF : 640796.1/6

asym_sam_37_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.1/1

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

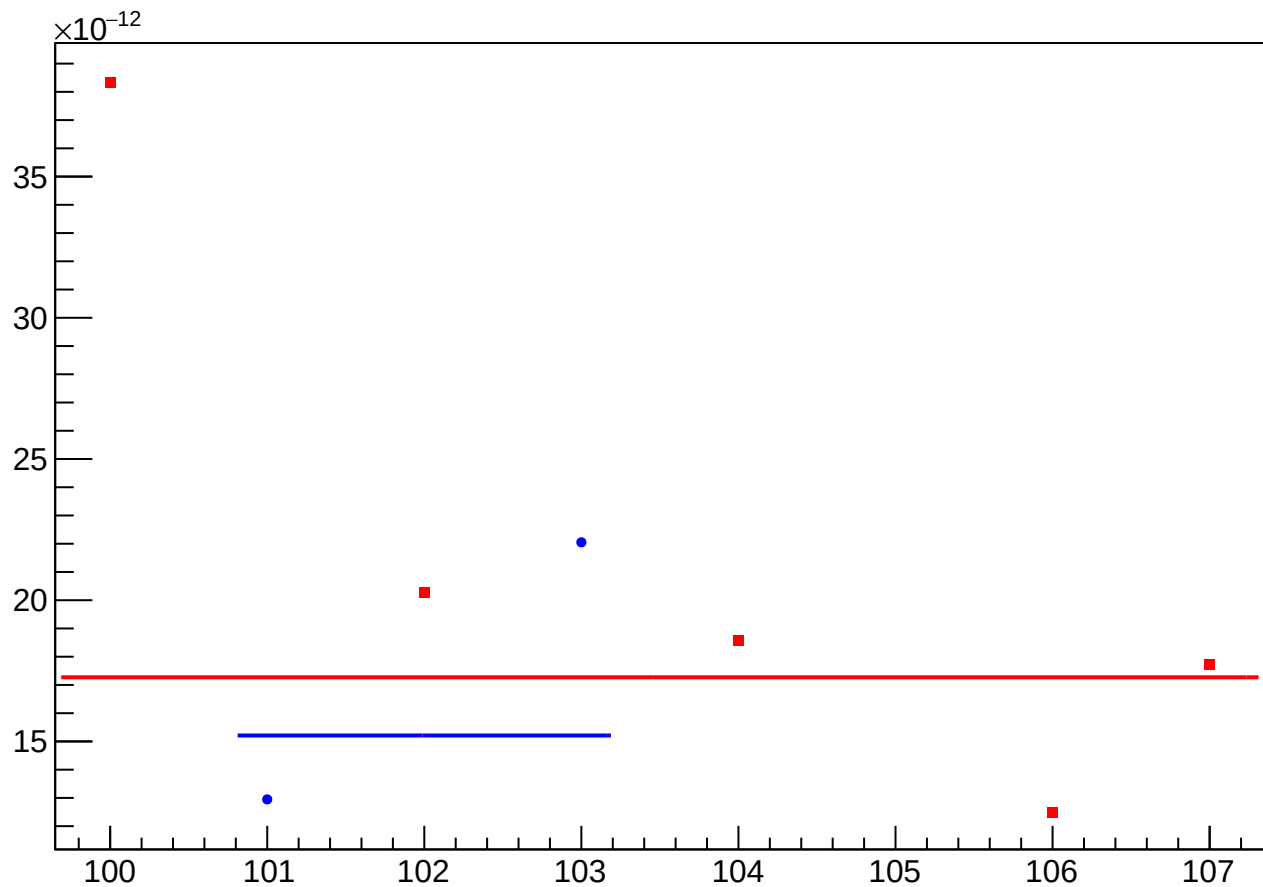
Right: -0.000+/-0.000 χ^2 /NDF: 9.1/6

In: -0.000+/-0.000 χ^2 /NDF:0.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 9.1/6

asym_sam_37_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 102679.6/1

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

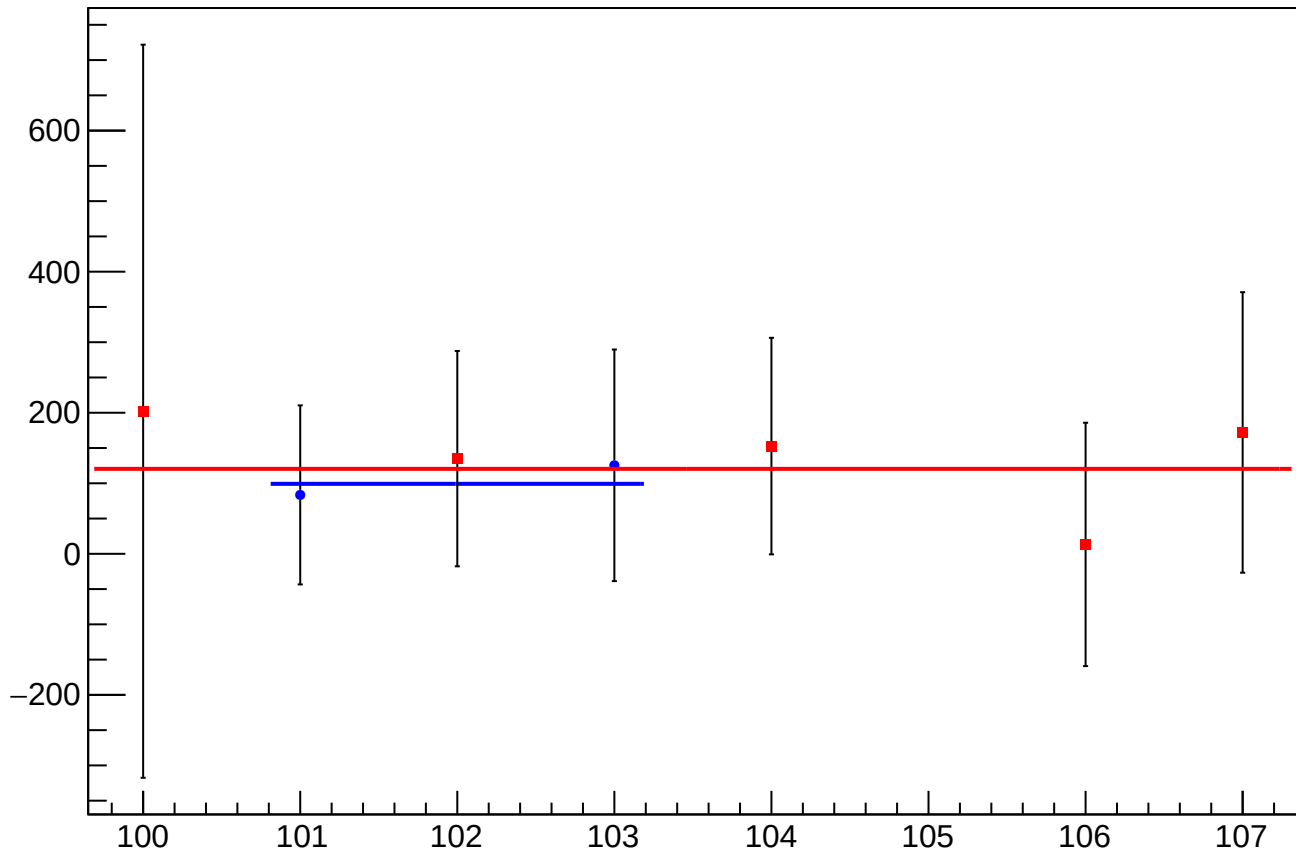
Right: 0.000+/-0.000 χ^2/NDF : 226849.5/6

In: 0.000+/-0.000 χ^2/NDF : 102679.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 226849.5/6

reg_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 99.221+/-100.427 χ^2/NDF : 0.0/1

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

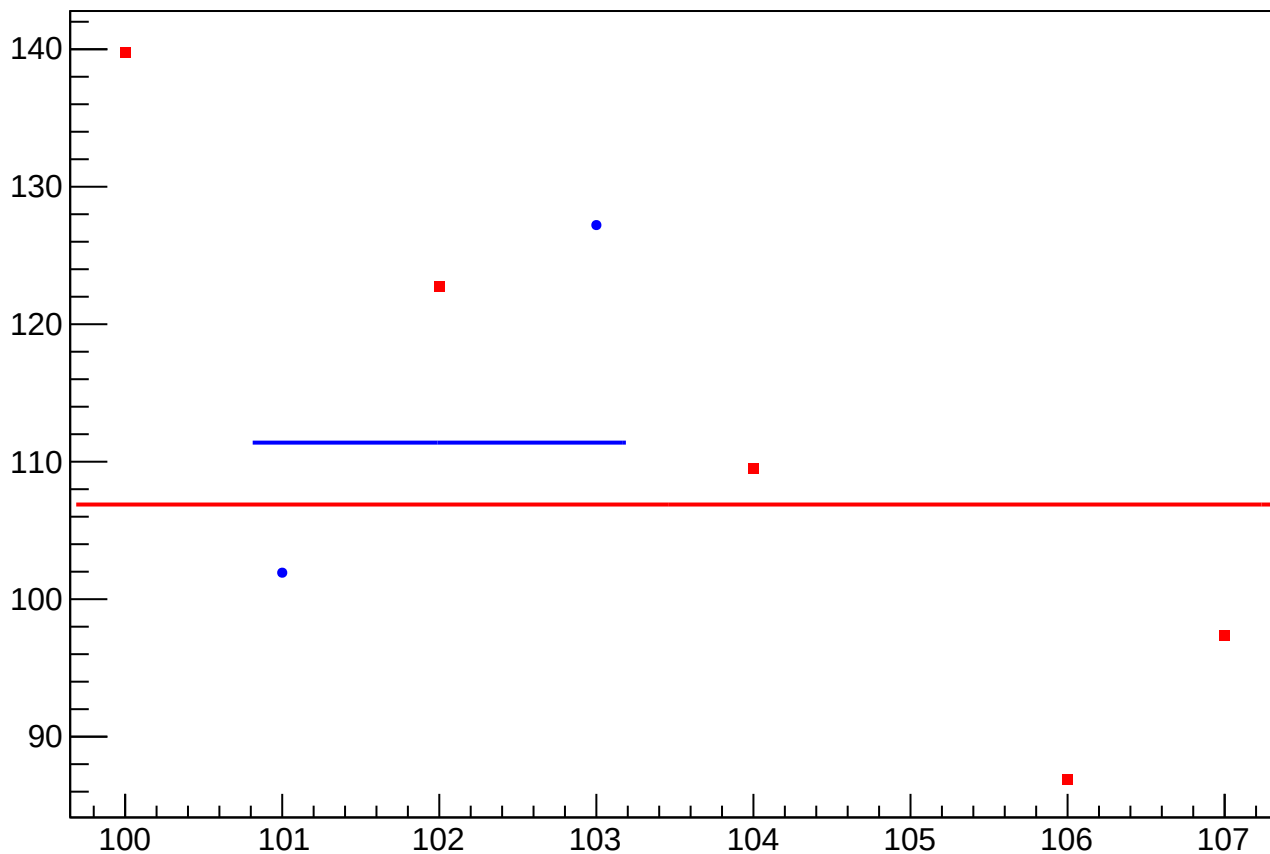
Right: 111.934+/-63.615 χ^2/NDF : 0.6/6

In: 99.221+/-100.427 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.934+/-63.615 χ^2/NDF : 0.6/6

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 111.388+/-0.071 χ^2/NDF : 29686.2/1

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

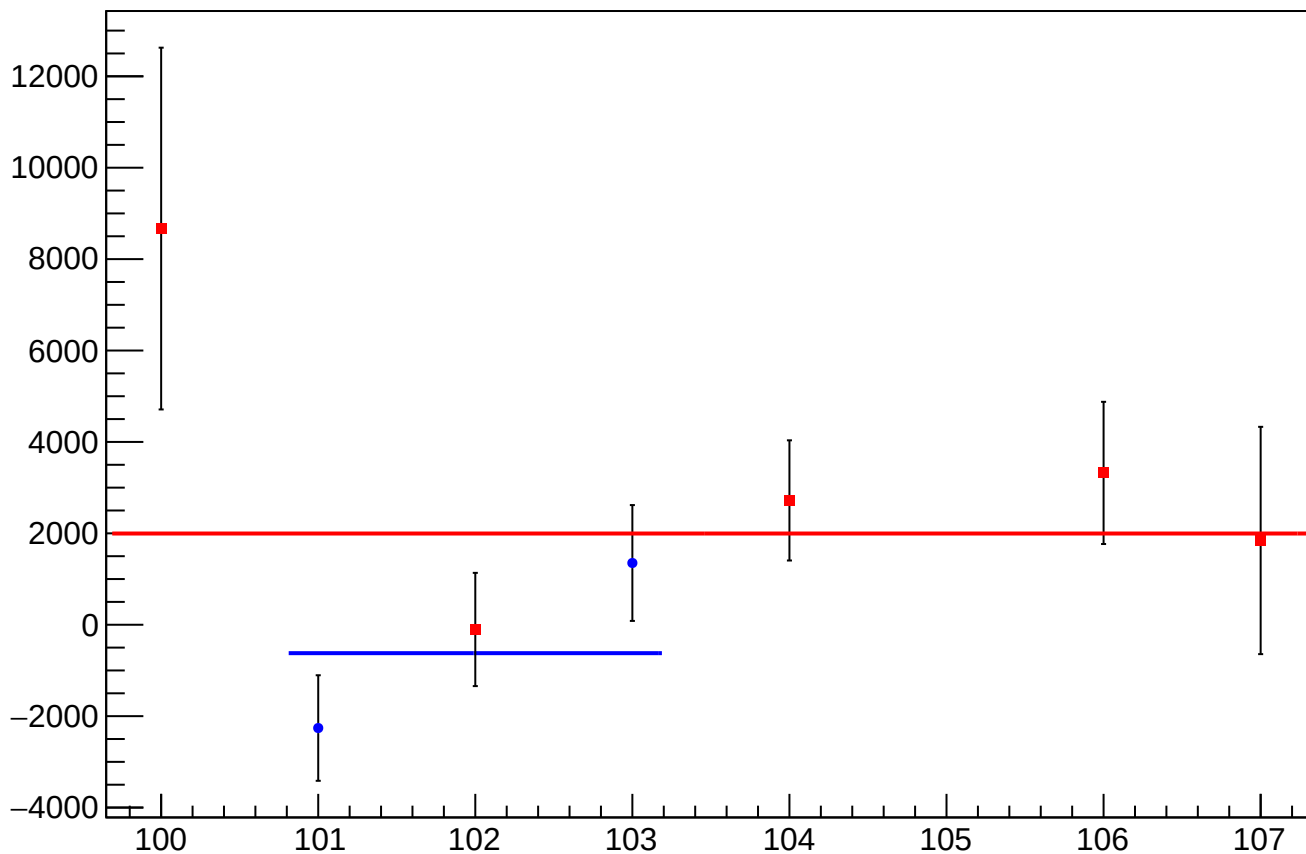
Right: 108.692+/-0.045 χ^2/NDF : 93658.1/6

In: 111.388+/-0.071 χ^2/NDF : 29686.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.692+/-0.045 χ^2/NDF : 93658.1/6

asym_sam_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -621.704+/-853.533 χ^2/NDF : 4.4/1

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

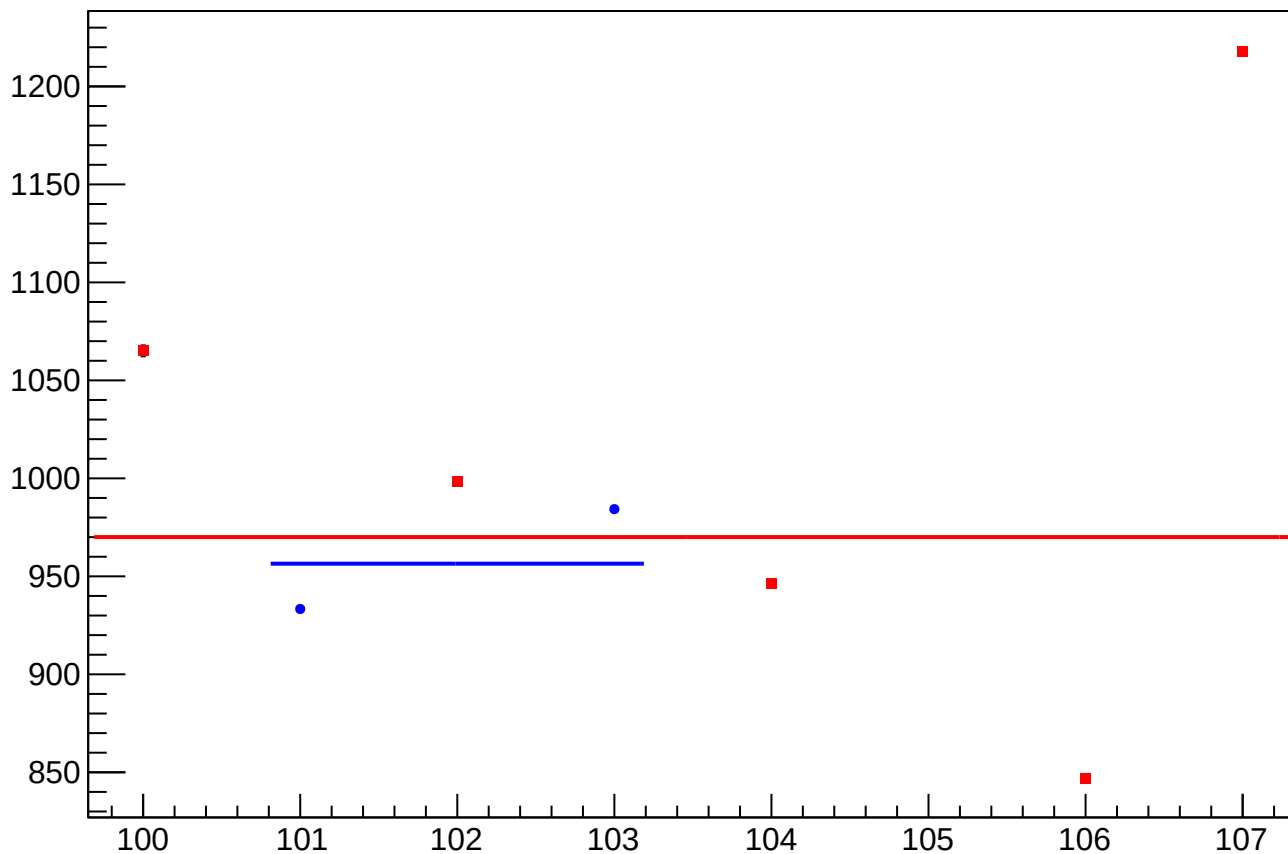
Right: 887.642+/-555.423 χ^2/NDF : 16.6/6

In: -621.704+/-853.533 χ^2/NDF : 4.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 887.642+/-555.423 χ^2/NDF : 16.6/6

asym_sam_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 956.460+/-0.604 χ^2/NDF : 1766.2/1

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

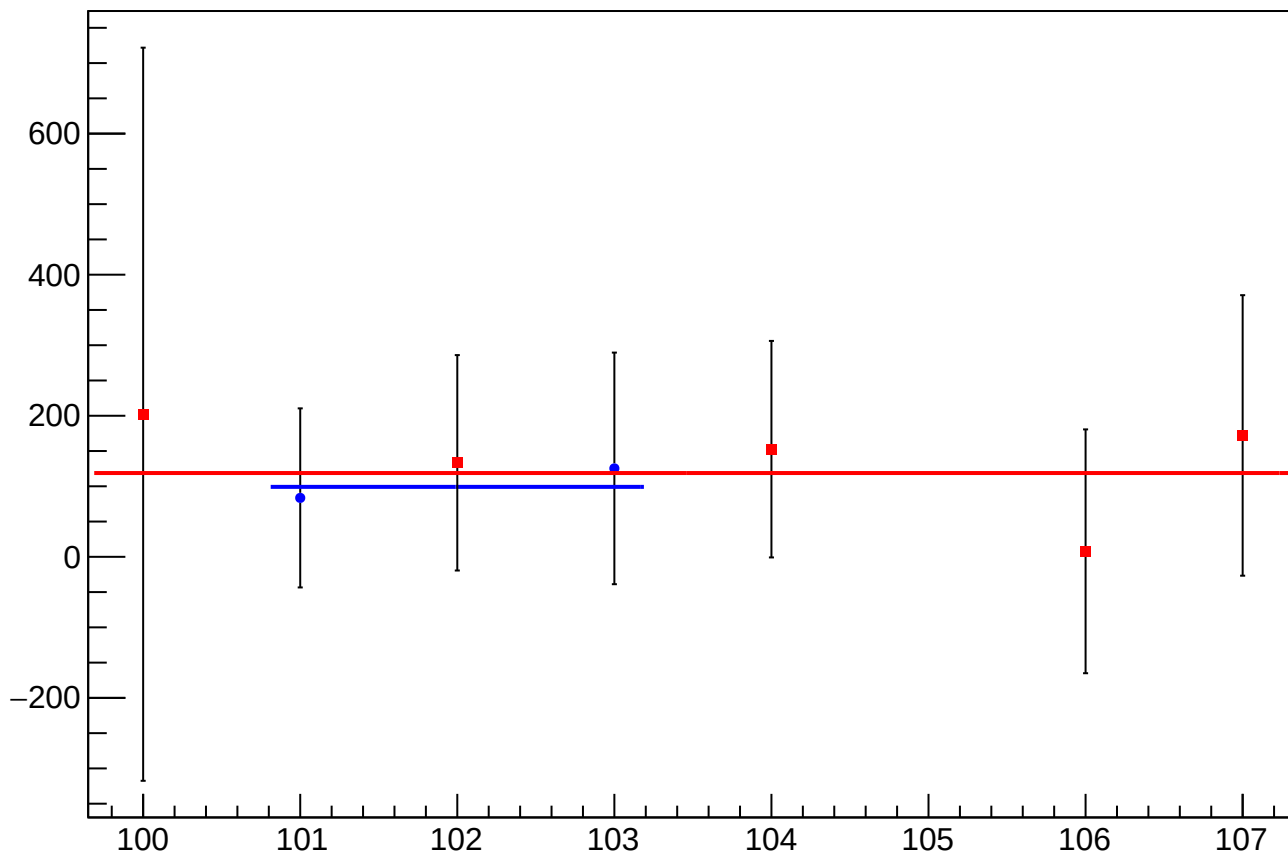
Right: 964.291+/-0.393 χ^2/NDF : 37362.6/6

In: 956.460+/-0.604 χ^2/NDF : 1766.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 964.291+/-0.393 χ^2/NDF : 37362.6/6

cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 99.186+/-100.427 χ^2/NDF : 0.0/1

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

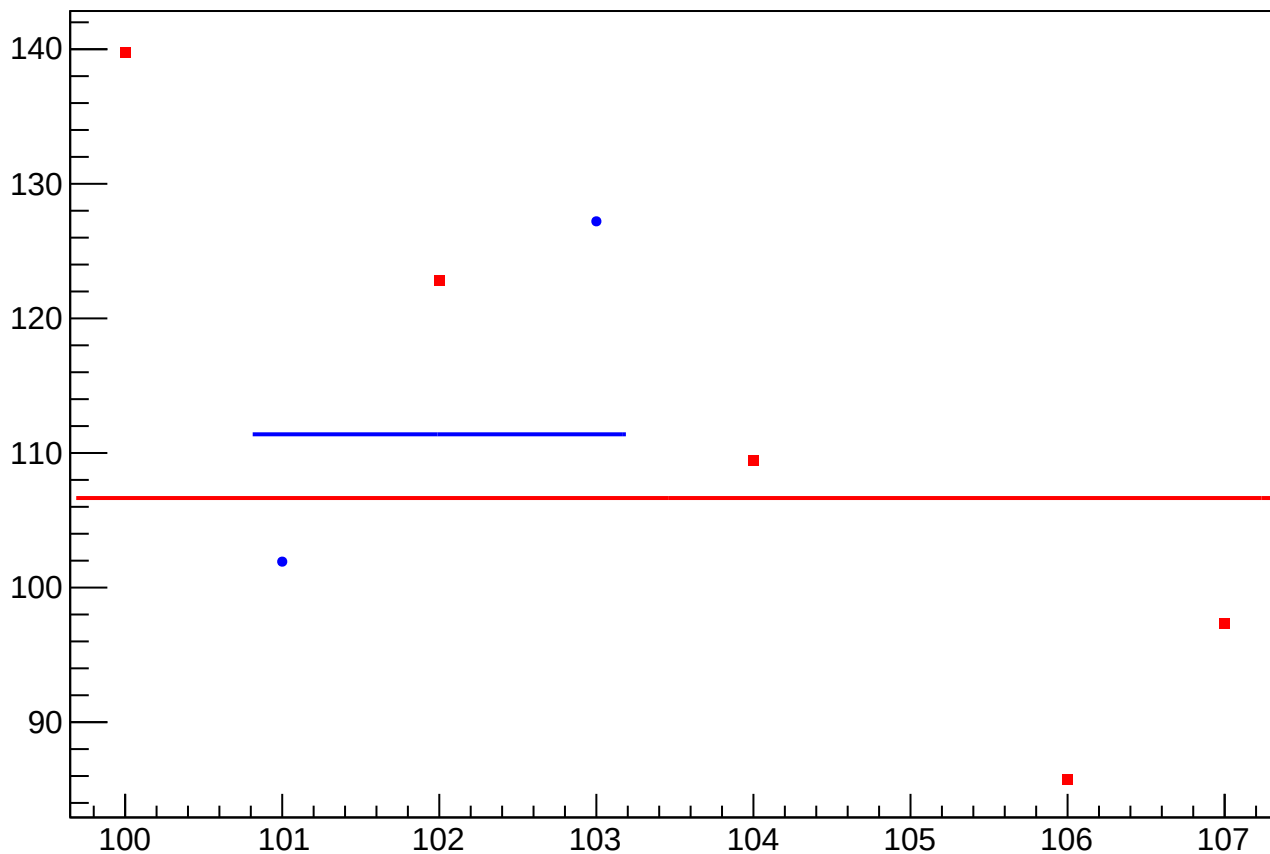
Right: 110.920+/-63.636 χ^2/NDF : 0.6/6

In: 99.186+/-100.427 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.920+/-63.636 χ^2/NDF : 0.6/6

cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 111.388 $\pm$ 0.071 χ^2 /NDF: 29687.3/1

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

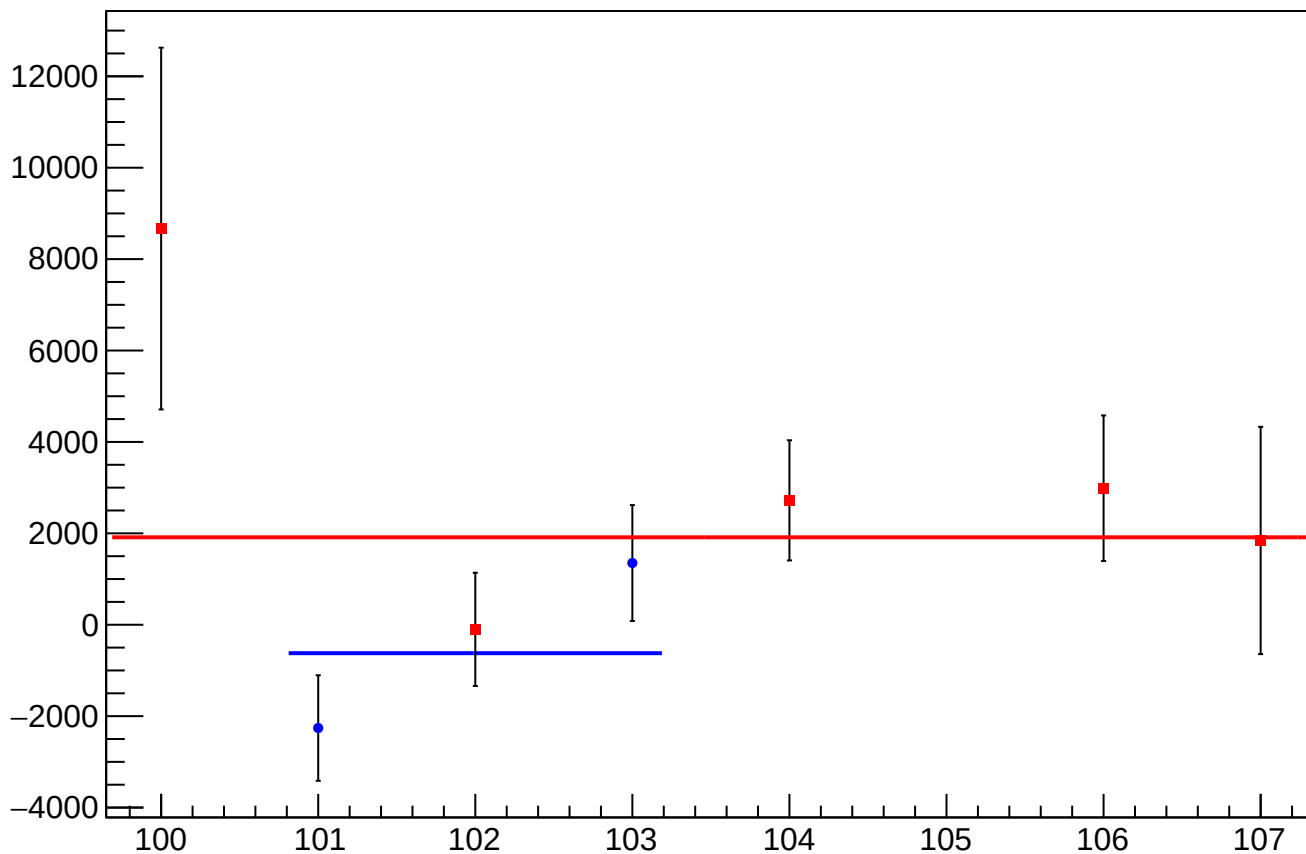
Right: 108.555 $\pm$ 0.045 χ^2 /NDF: 97057.6/6

In: 111.388 $\pm$ 0.071 χ^2 /NDF: 29687.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 108.555 $\pm$ 0.045 χ^2 /NDF: 97057.6/6

asym_sam_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -622.086+/-853.557 χ^2/NDF : 4.4/1

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

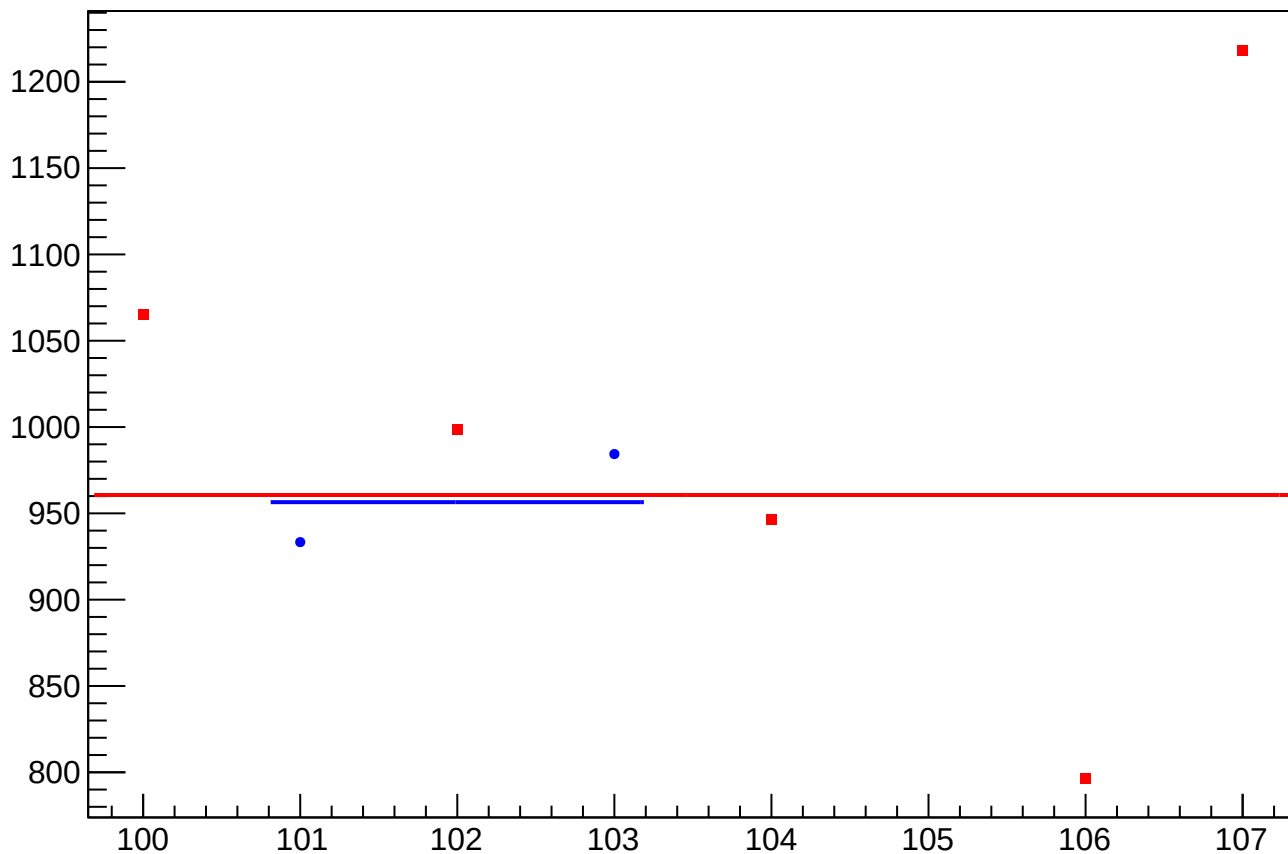
Right: 833.002+/-557.096 χ^2/NDF : 15.9/6

In: -622.086+/-853.557 χ^2/NDF : 4.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 833.002+/-557.096 χ^2/NDF : 15.9/6

asym_sam_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 956.486 $\pm$ 0.604 χ^2 /NDF: 1770.4/1

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

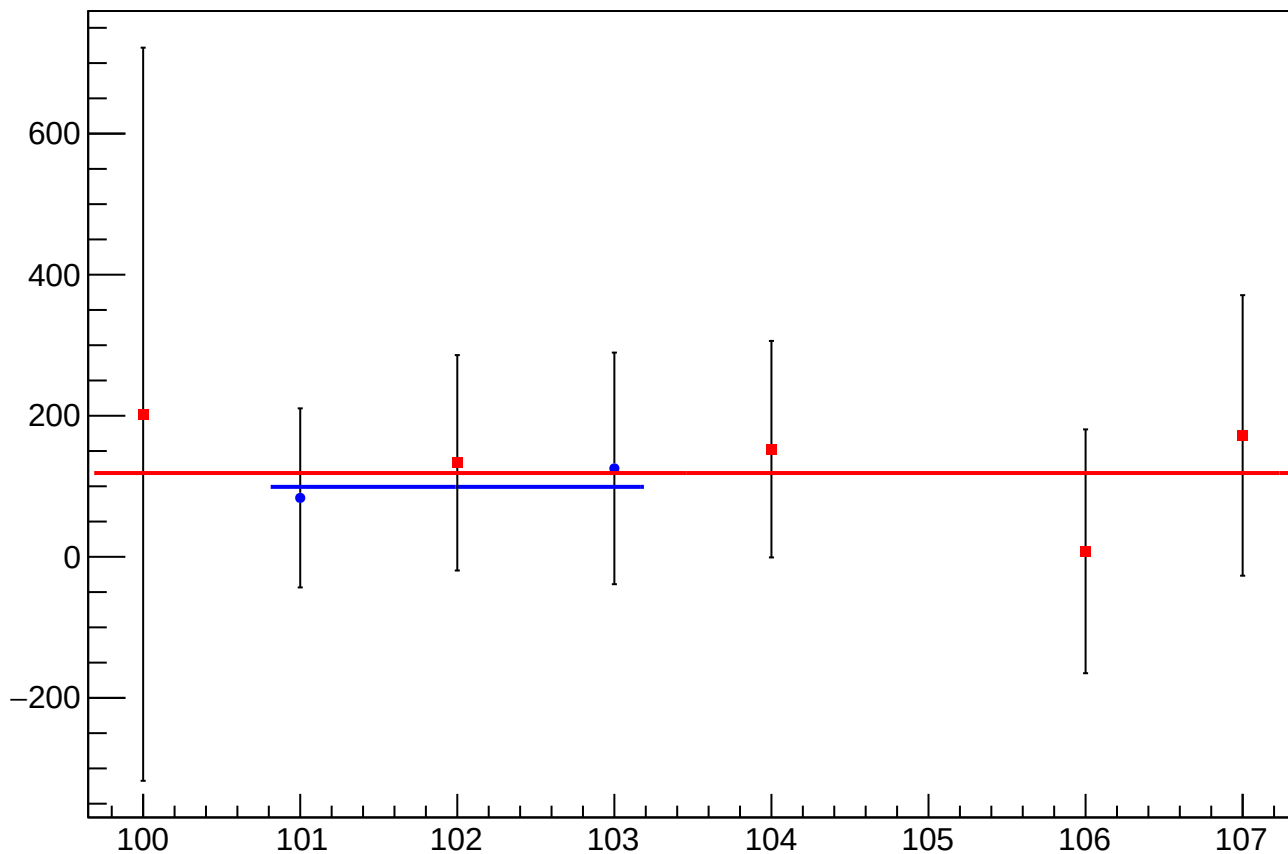
Right: 958.868 $\pm$ 0.394 χ^2 /NDF: 48066.2/6

In: 956.486 $\pm$ 0.604 χ^2 /NDF:1770.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 958.868 $\pm$ 0.394 χ^2 /NDF: 48066.2/6

eigen_cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 99.186+/-100.427 χ^2/NDF : 0.0/1

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

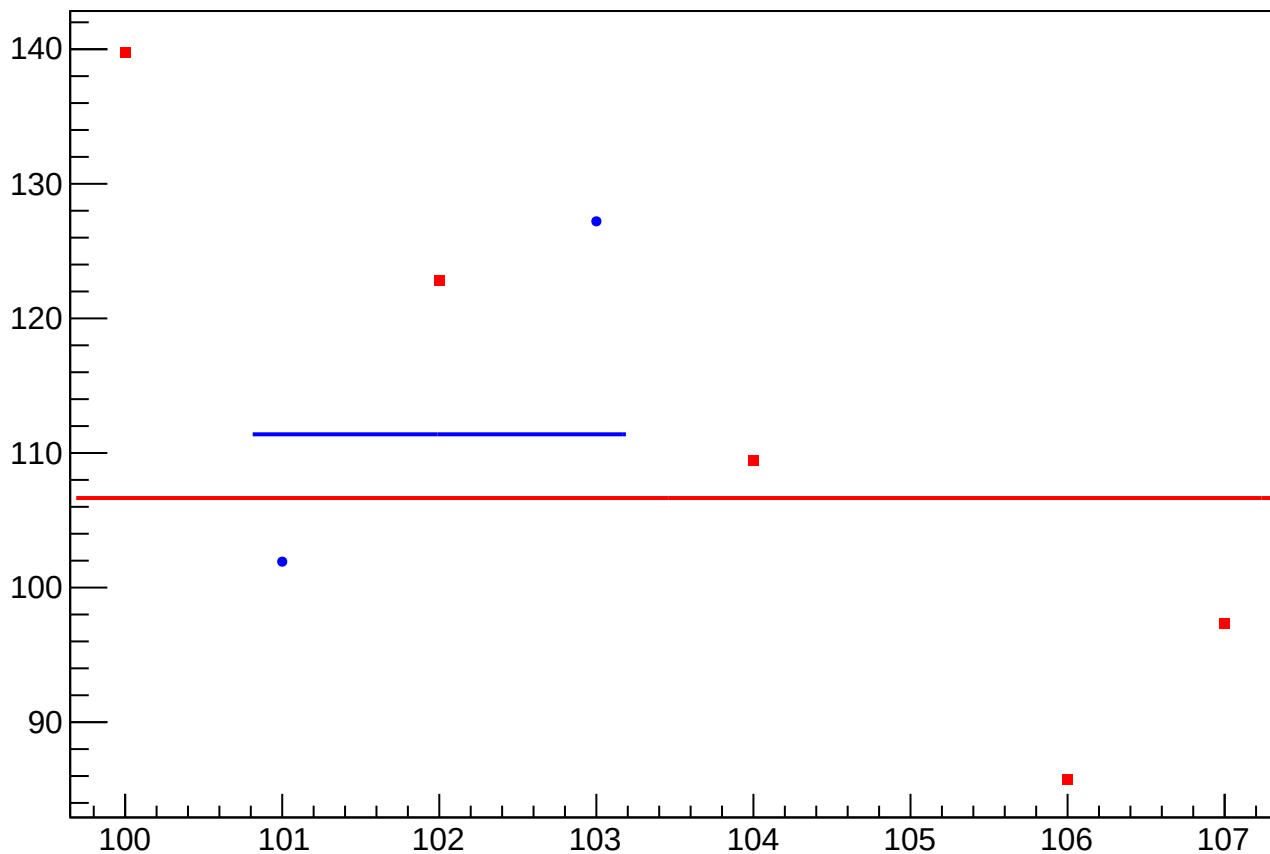
Right: 110.920+/-63.636 χ^2/NDF : 0.6/6

In: 99.186+/-100.427 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.920+/-63.636 χ^2/NDF : 0.6/6

eigen_cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 111.388+/-0.071 χ^2/NDF : 29687.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.654+/-0.058 χ^2/NDF : 64709.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

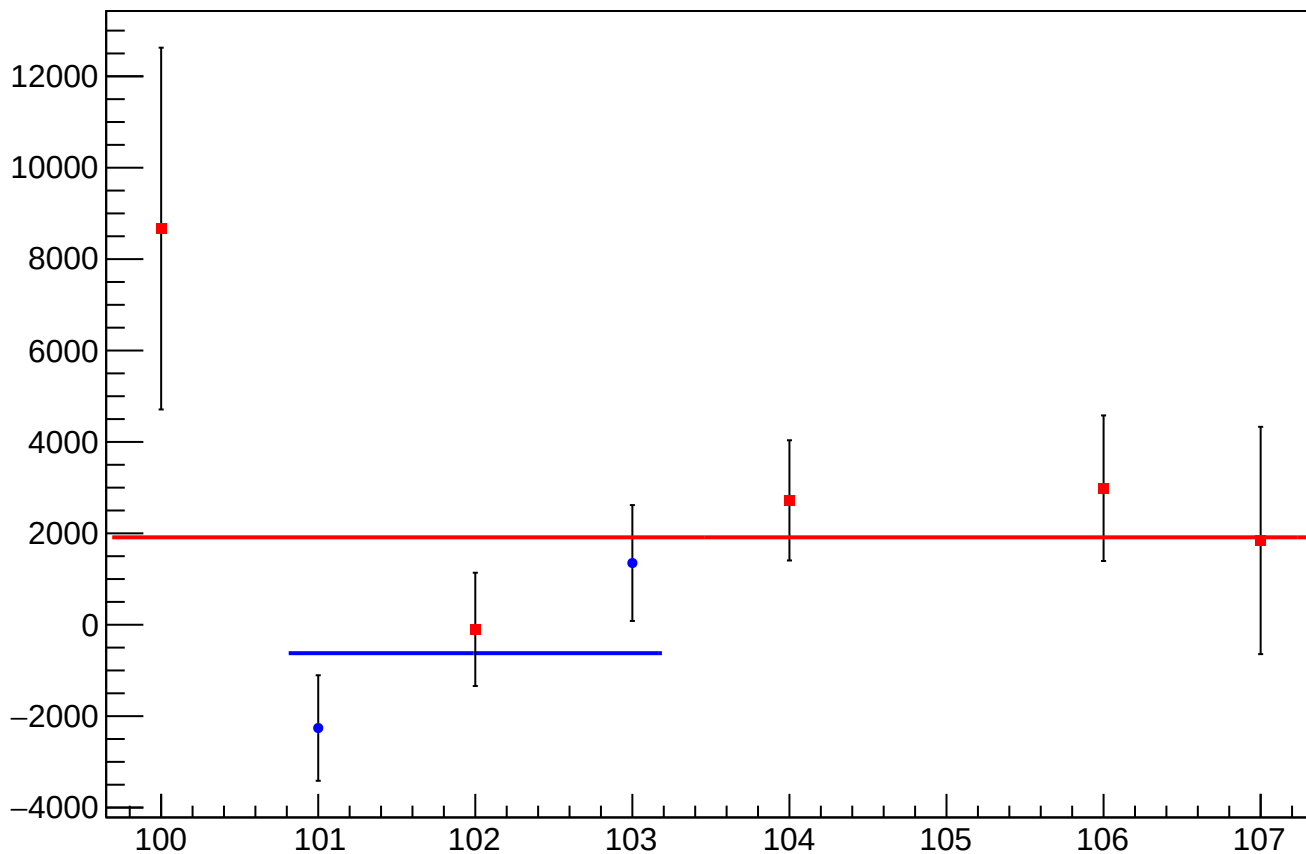
Right: 108.555+/-0.045 χ^2/NDF : 97057.6/6

In: 111.388+/-0.071 χ^2/NDF : 29687.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.555+/-0.045 χ^2/NDF : 97057.6/6

asym_sam_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -622.086+/-853.557 χ^2/NDF : 4.4/1

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

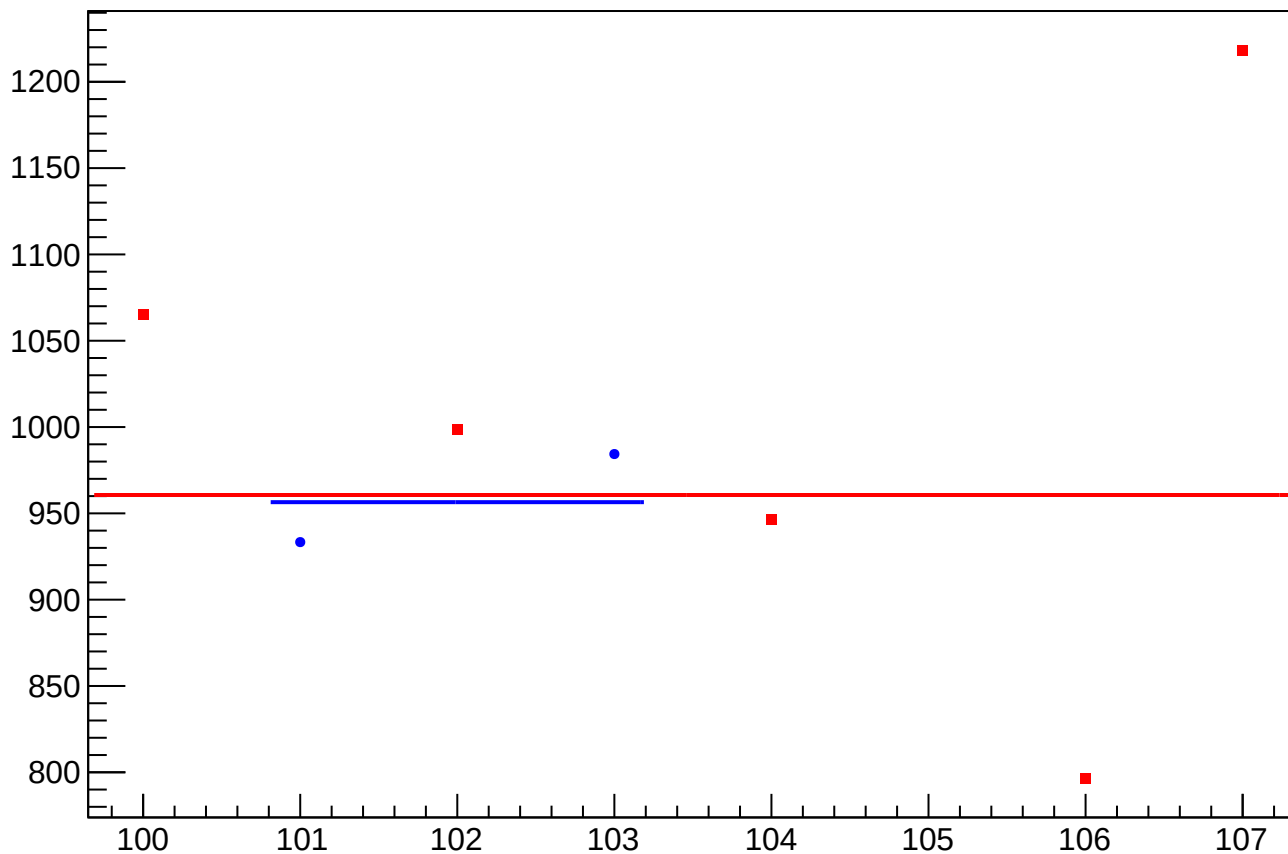
Right: 833.002+/-557.096 χ^2/NDF : 15.9/6

In: -622.086+/-853.557 χ^2/NDF : 4.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 833.002+/-557.096 χ^2/NDF : 15.9/6

asym_sam_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 956.486+/-0.604 χ^2/NDF : 1770.4/1

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

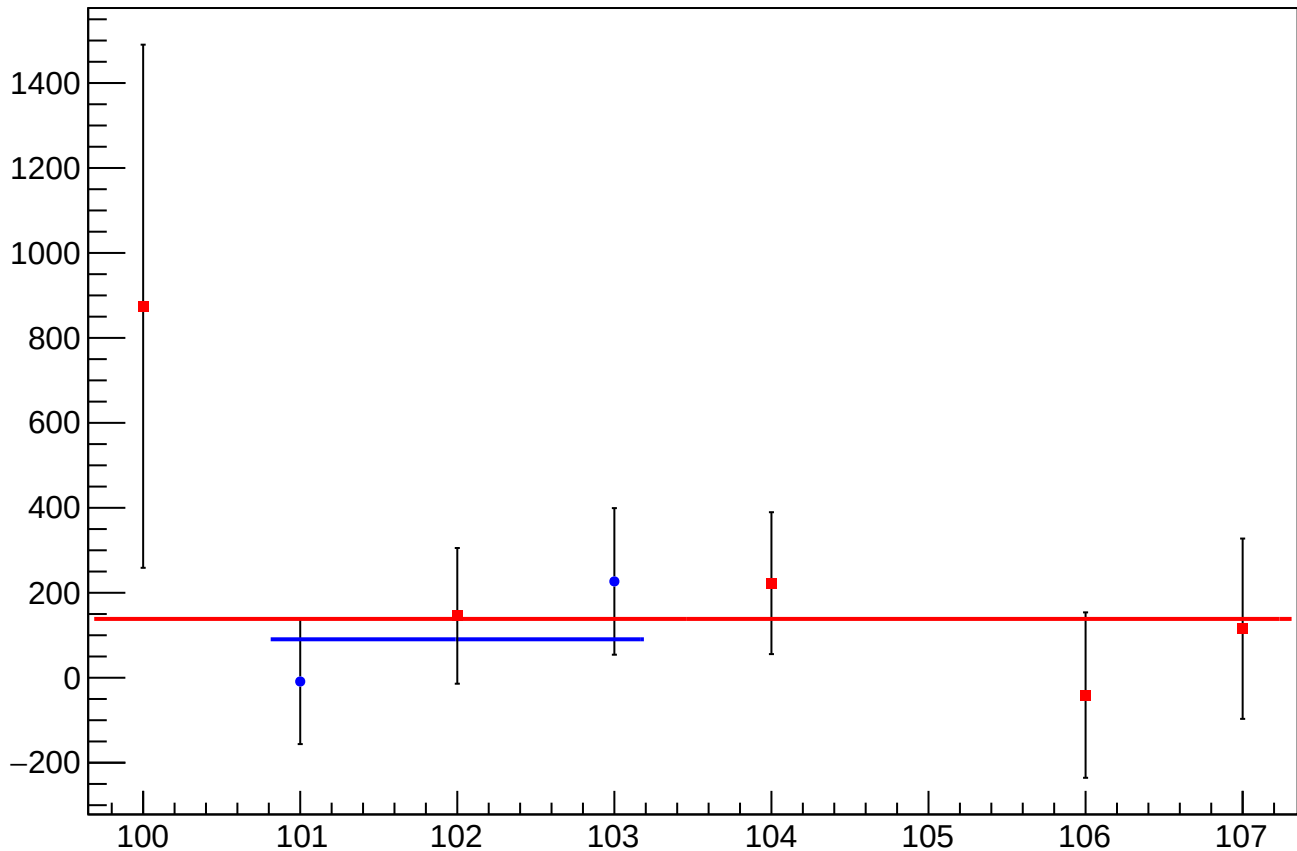
Right: 958.868+/-0.394 χ^2/NDF : 48066.2/6

In: 956.486+/-0.604 χ^2/NDF : 1770.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 958.868+/-0.394 χ^2/NDF : 48066.2/6

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 90.493+/-112.034 χ^2/NDF : 1.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 138.478+/-88.994 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

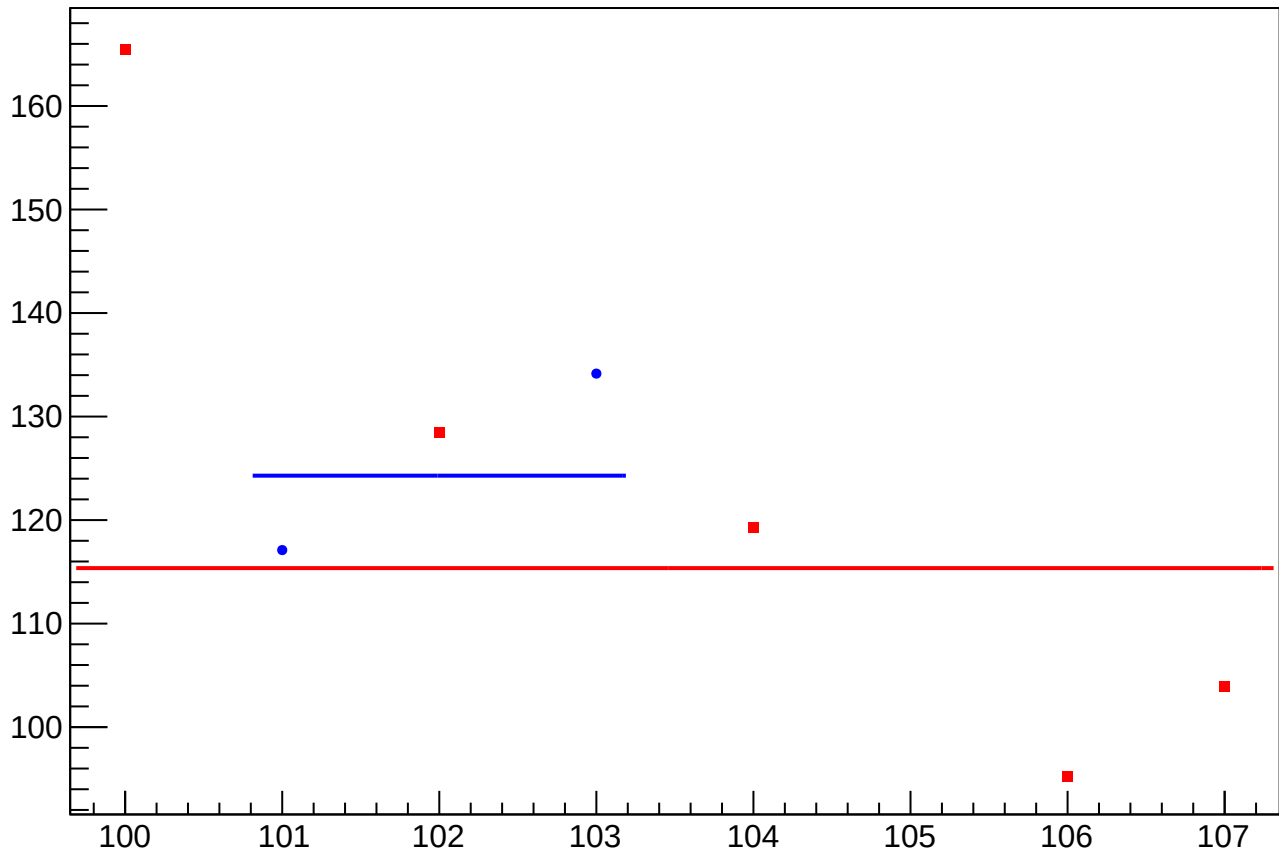
Right: 119.914+/-69.684 χ^2/NDF : 3.7/6

In: 90.493+/-112.034 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.914+/-69.684 χ^2/NDF : 3.7/6

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 124.291+/-0.079 χ^2/NDF : 11291.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.361+/-0.063 χ^2/NDF : 54993.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

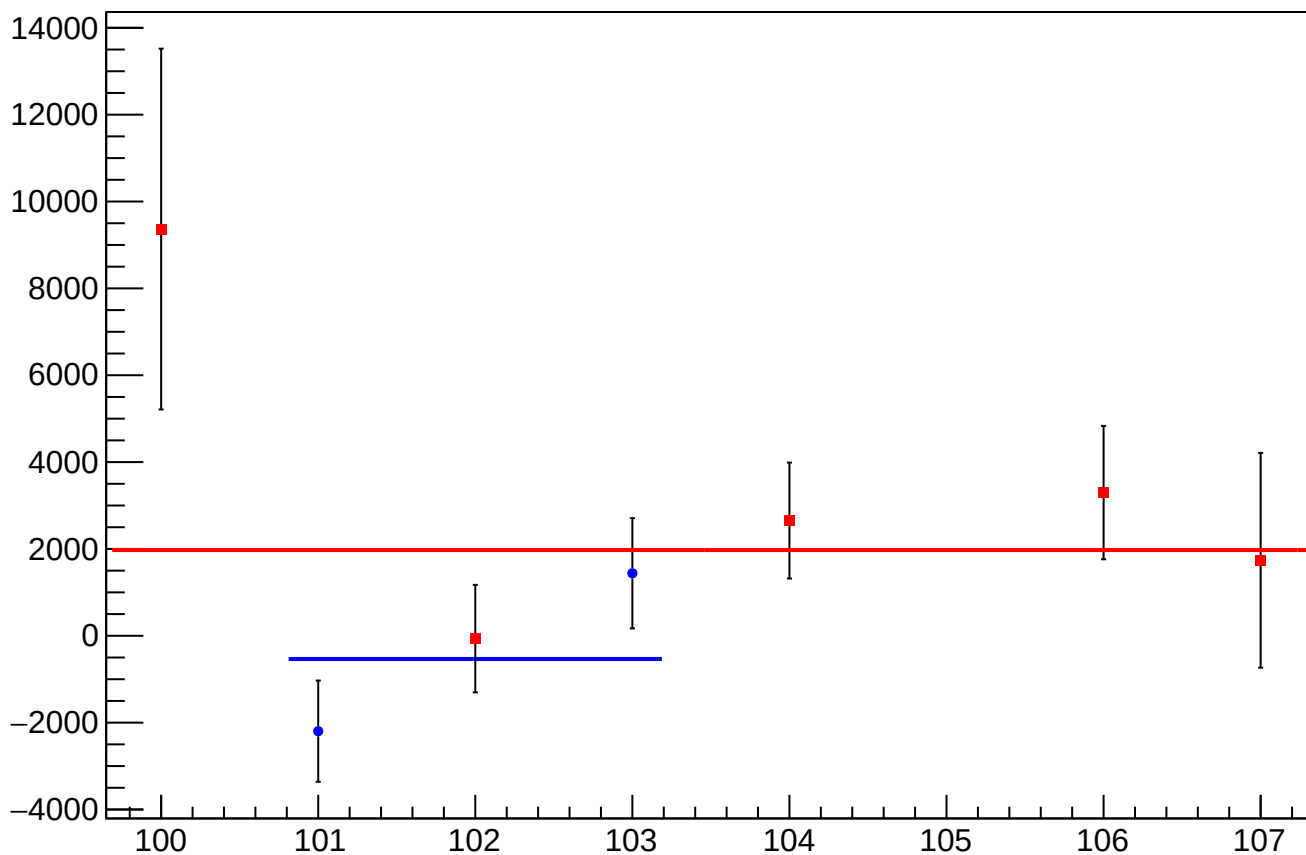
Right: 118.816+/-0.049 χ^2/NDF : 74076.5/6

In: 124.291+/-0.079 χ^2/NDF : 11291.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.816+/-0.049 χ^2/NDF : 74076.5/6

asym_sam_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -533.570+/-858.824 χ^2/NDF : 4.4/1

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

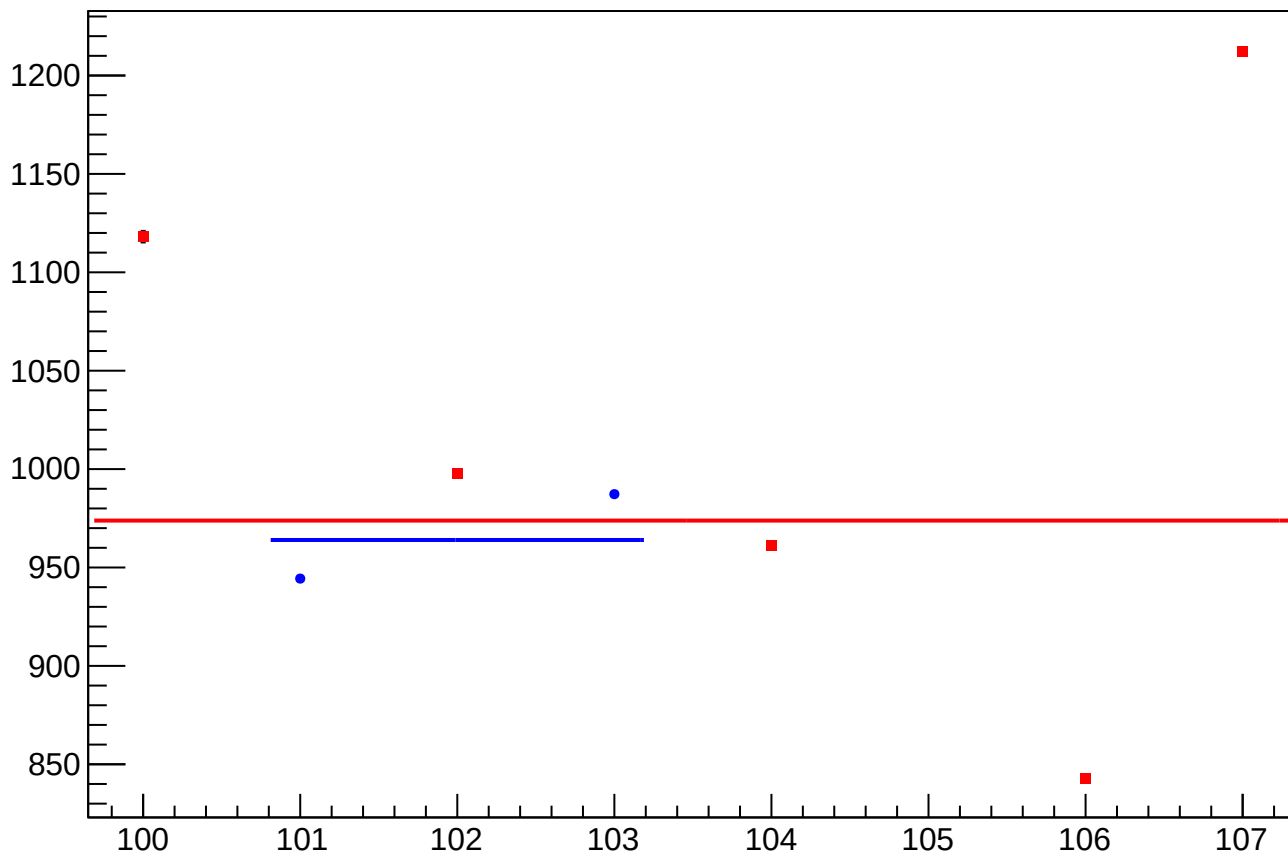
Right: 917.248+/-557.651 χ^2/NDF : 16.3/6

In: -533.570+/-858.824 χ^2/NDF : 4.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 917.248+/-557.651 χ^2/NDF : 16.3/6

asym_sam_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 963.980 $\pm$ 0.607 χ^2 /NDF: 1239.2/1

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

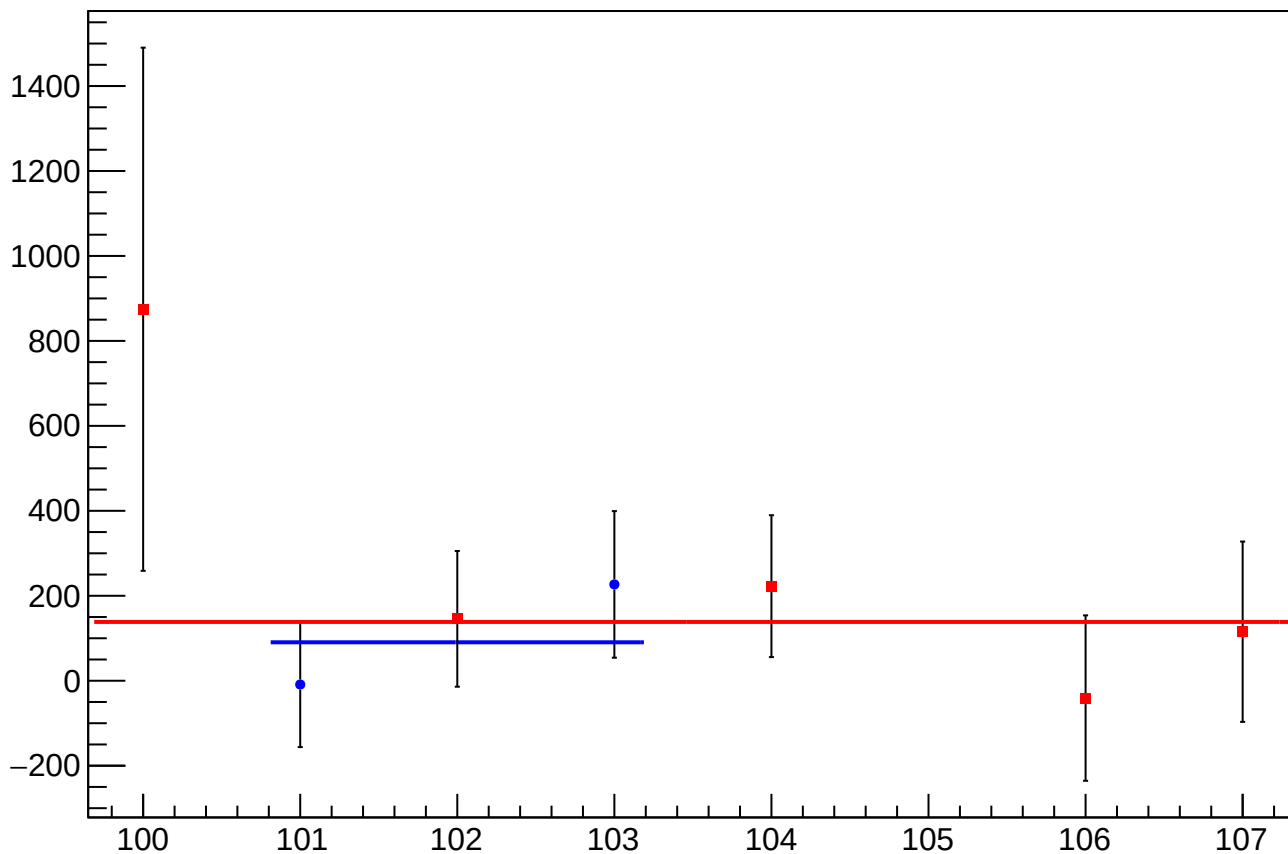
Right: 969.679 $\pm$ 0.394 χ^2 /NDF: 37916.7/6

In: 963.980 $\pm$ 0.607 χ^2 /NDF:1239.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 969.679 $\pm$ 0.394 χ^2 /NDF: 37916.7/6

eigen_dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 90.494+/-112.034 χ^2/NDF : 1.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 138.477+/-88.994 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

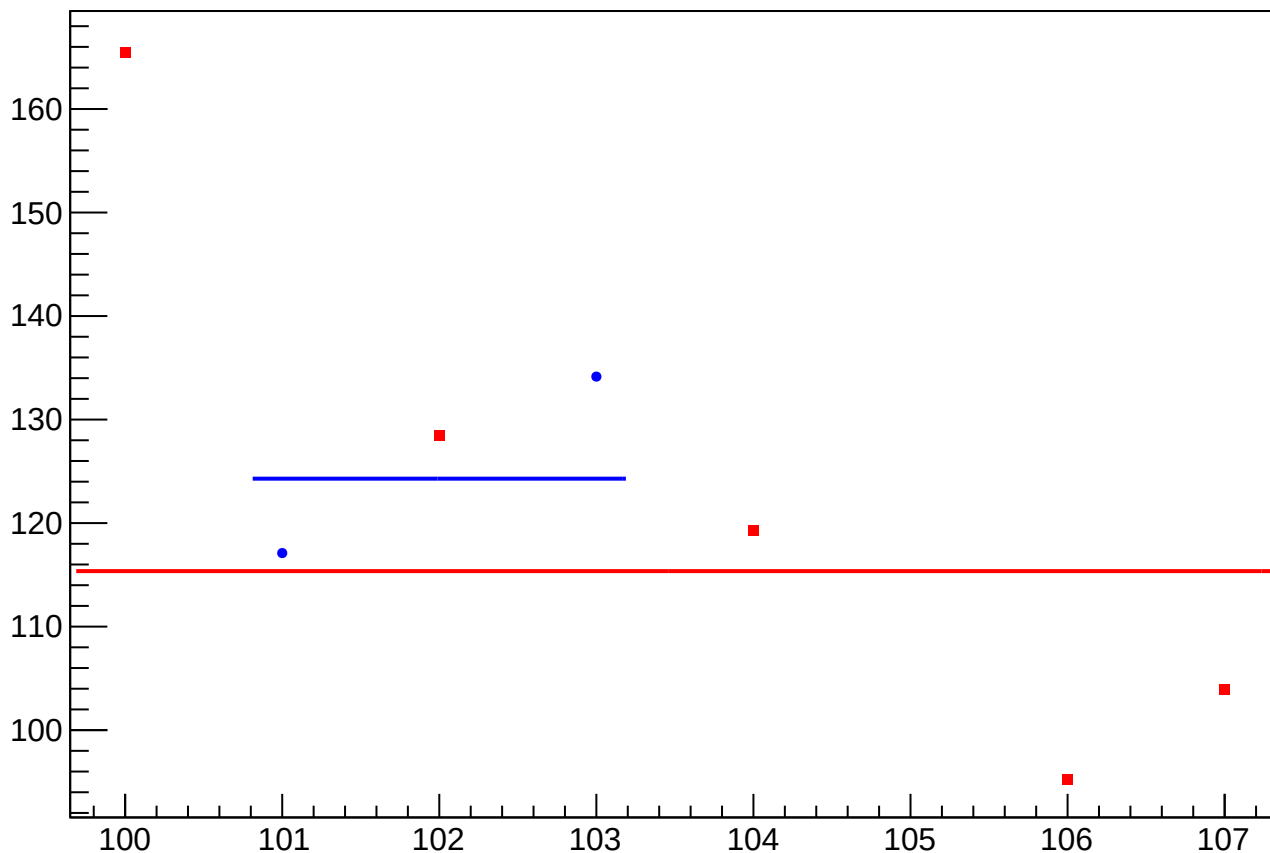
Right: 119.914+/-69.684 χ^2/NDF : 3.7/6

In: 90.494+/-112.034 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.914+/-69.684 χ^2/NDF : 3.7/6

eigen_dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 124.292 $\pm$ 0.079 χ^2 /NDF: 11290.9/1

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

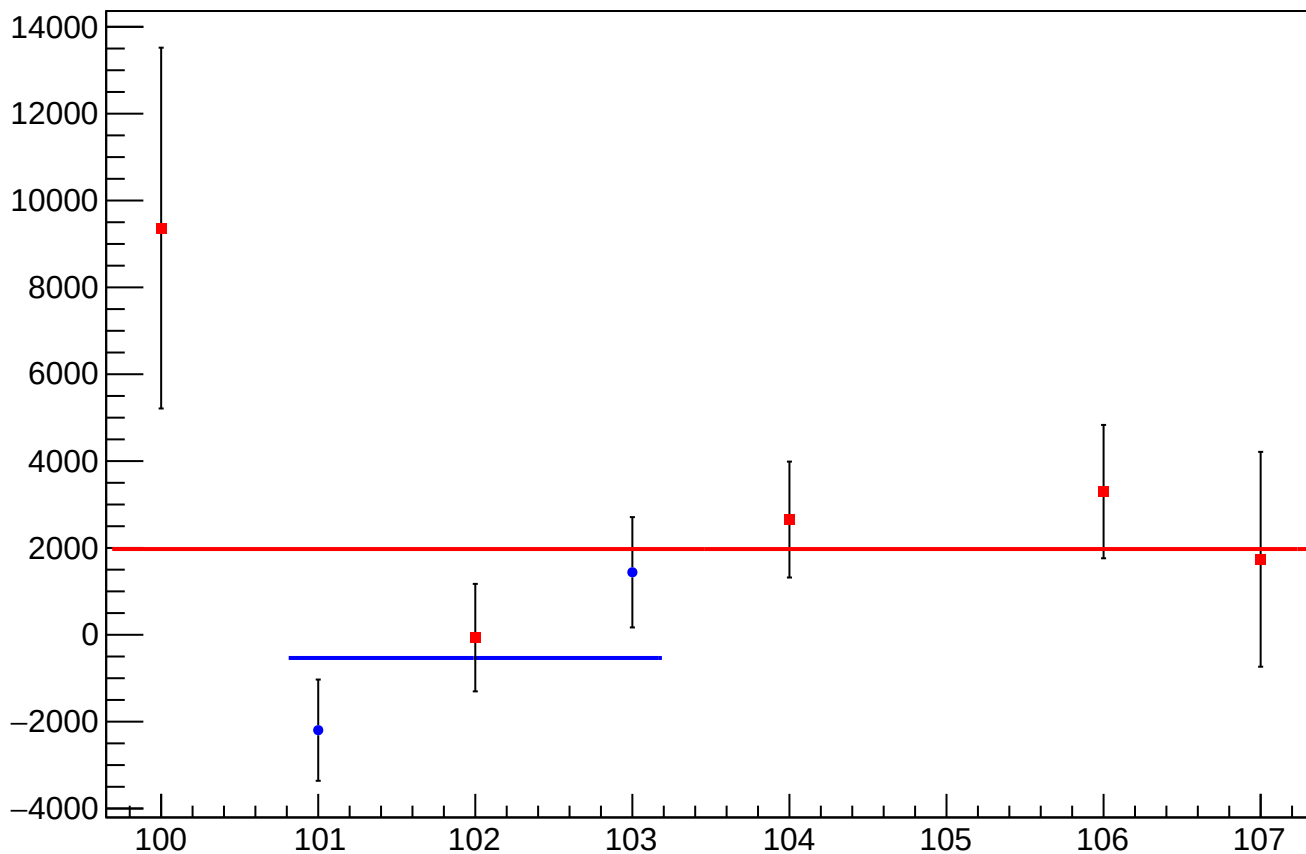
Right: 118.816 $\pm$ 0.049 χ^2 /NDF: 74075.7/6

In: 124.292 $\pm$ 0.079 χ^2 /NDF: 11290.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 118.816 $\pm$ 0.049 χ^2 /NDF: 74075.7/6

asym_sam_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -533.572+/-858.825 χ^2 /NDF: 4.4/1

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

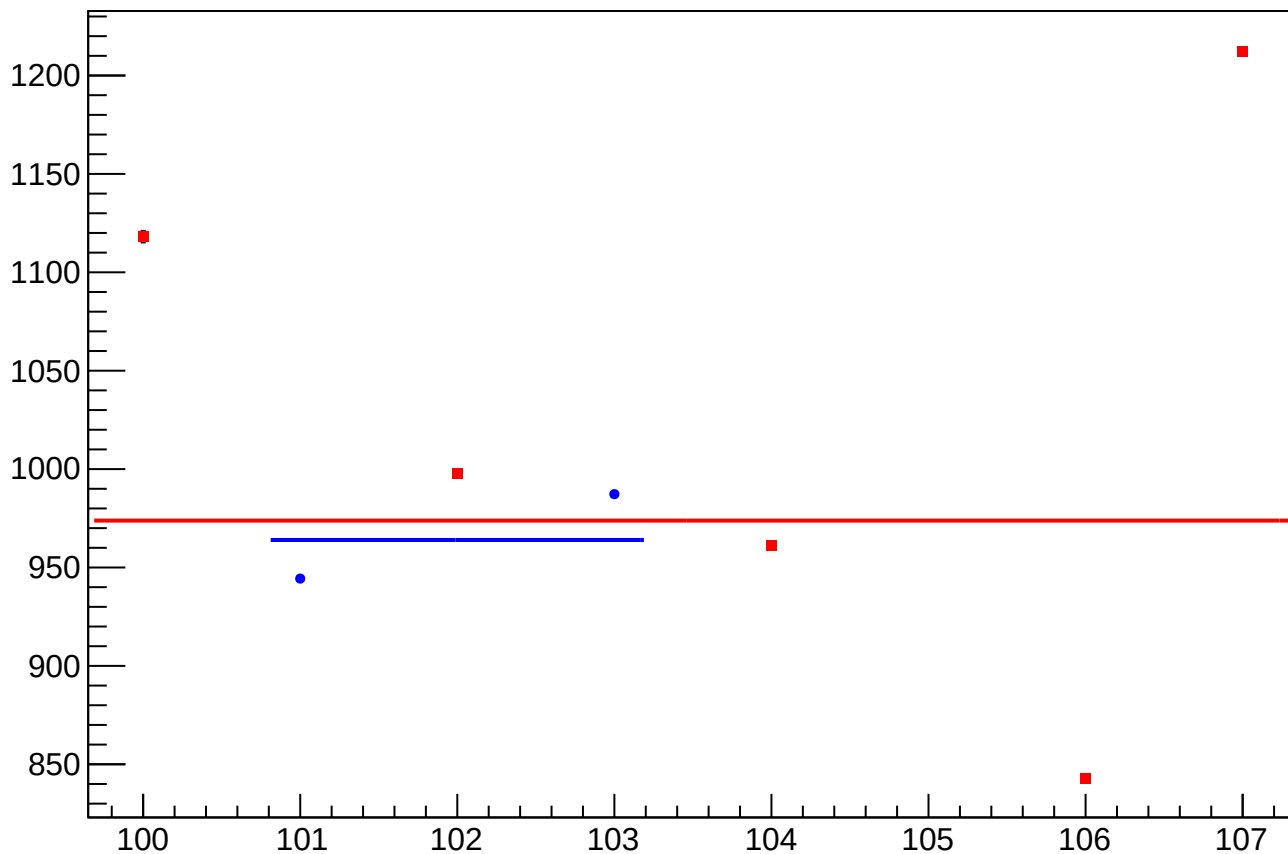
Right: 917.249+/-557.652 χ^2 /NDF: 16.3/6

In: -533.572+/-858.825 χ^2 /NDF:4.4/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 917.249+/-557.652 χ^2 /NDF: 16.3/6

asym_sam_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 963.982 ± 0.607 $\chi^2/\text{NDF}: 1239.2/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 973.834 ± 0.518 $\chi^2/\text{NDF}: 36525.6/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

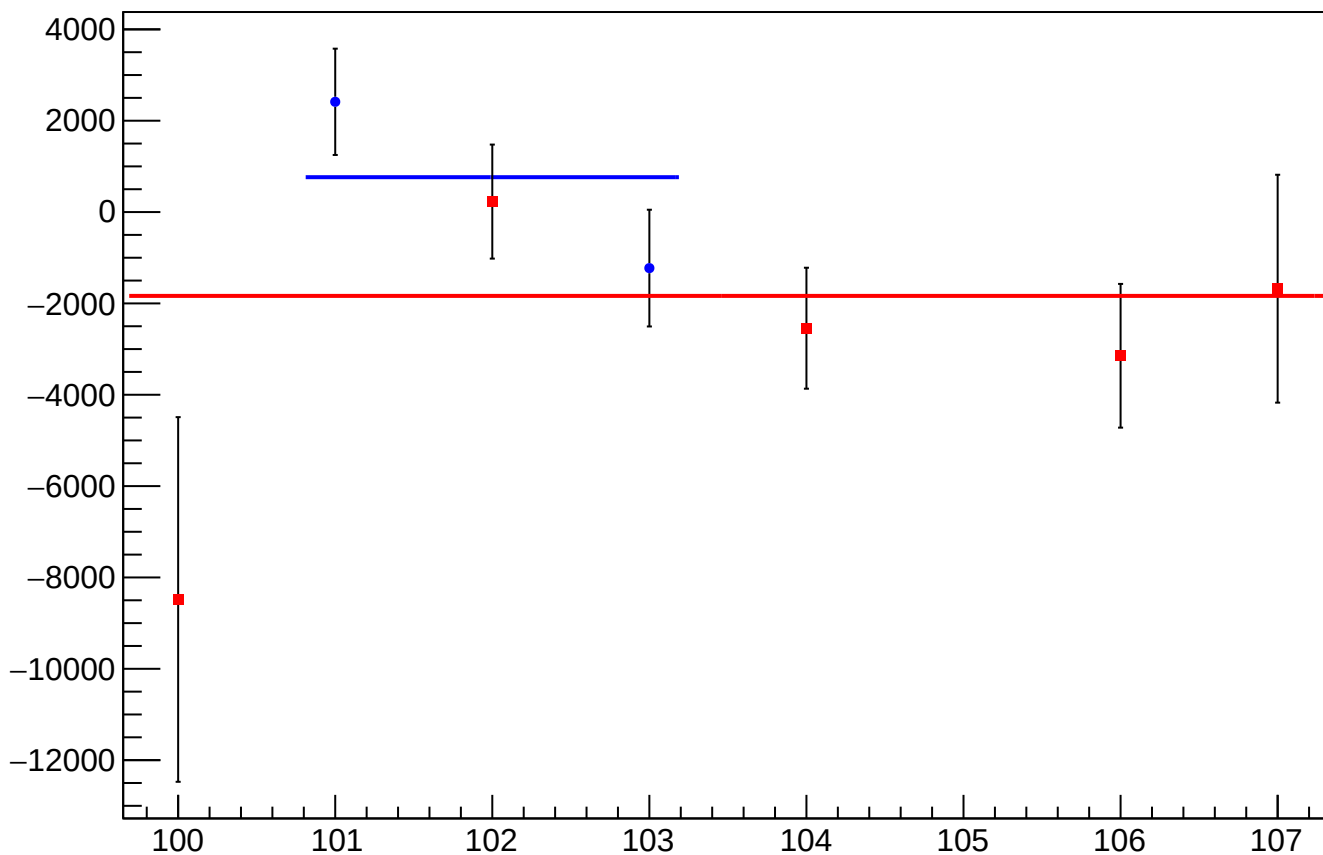
Right: 969.681 ± 0.394 $\chi^2/\text{NDF}: 37917.1/6$

In: 963.982 ± 0.607 $\chi^2/\text{NDF}: 1239.2/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 969.681 ± 0.394 $\chi^2/\text{NDF}: 37917.1/6$

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 763.414+/-860.410 χ^2/NDF : 4.4/1

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

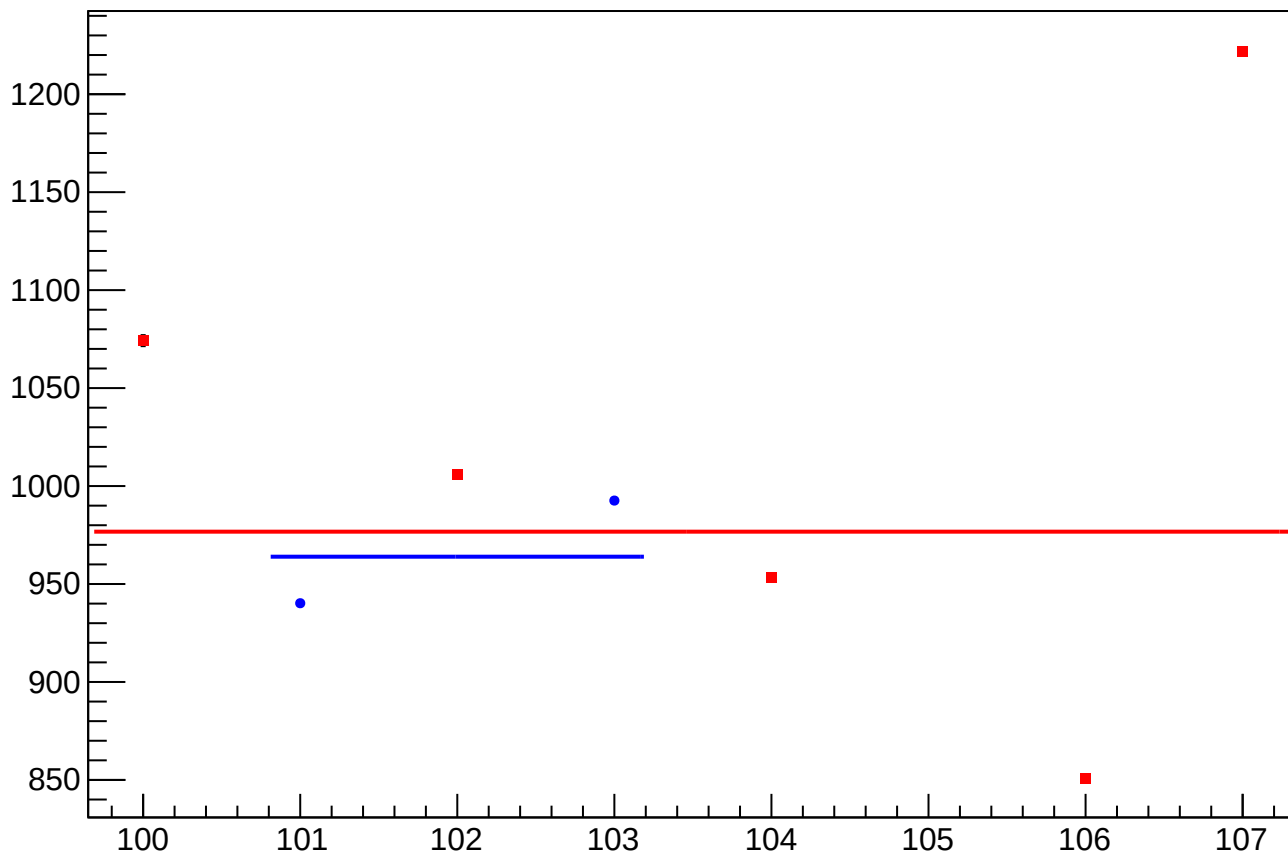
Right: -735.050+/-559.879 χ^2/NDF : 16.2/6

In: 763.414+/-860.410 χ^2/NDF :4.4/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -735.050+/-559.879 χ^2/NDF : 16.2/6

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 963.943 $\pm$ 0.608 χ^2 /NDF: 1837.7/1

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

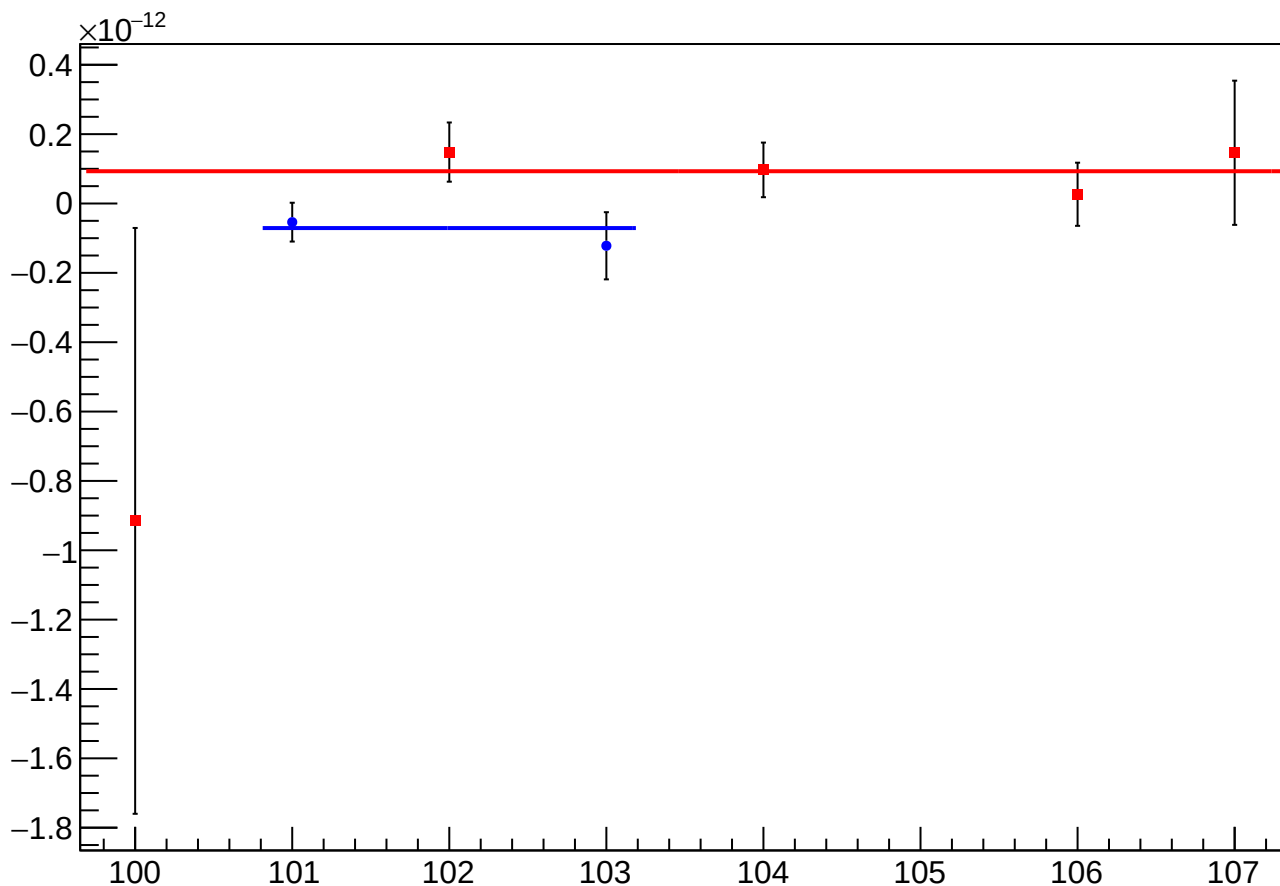
Right: 971.307 $\pm$ 0.396 χ^2 /NDF: 37196.6/6

In: 963.943 $\pm$ 0.608 χ^2 /NDF: 1837.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 971.307 $\pm$ 0.396 χ^2 /NDF: 37196.6/6

asym_sam_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.4/1

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

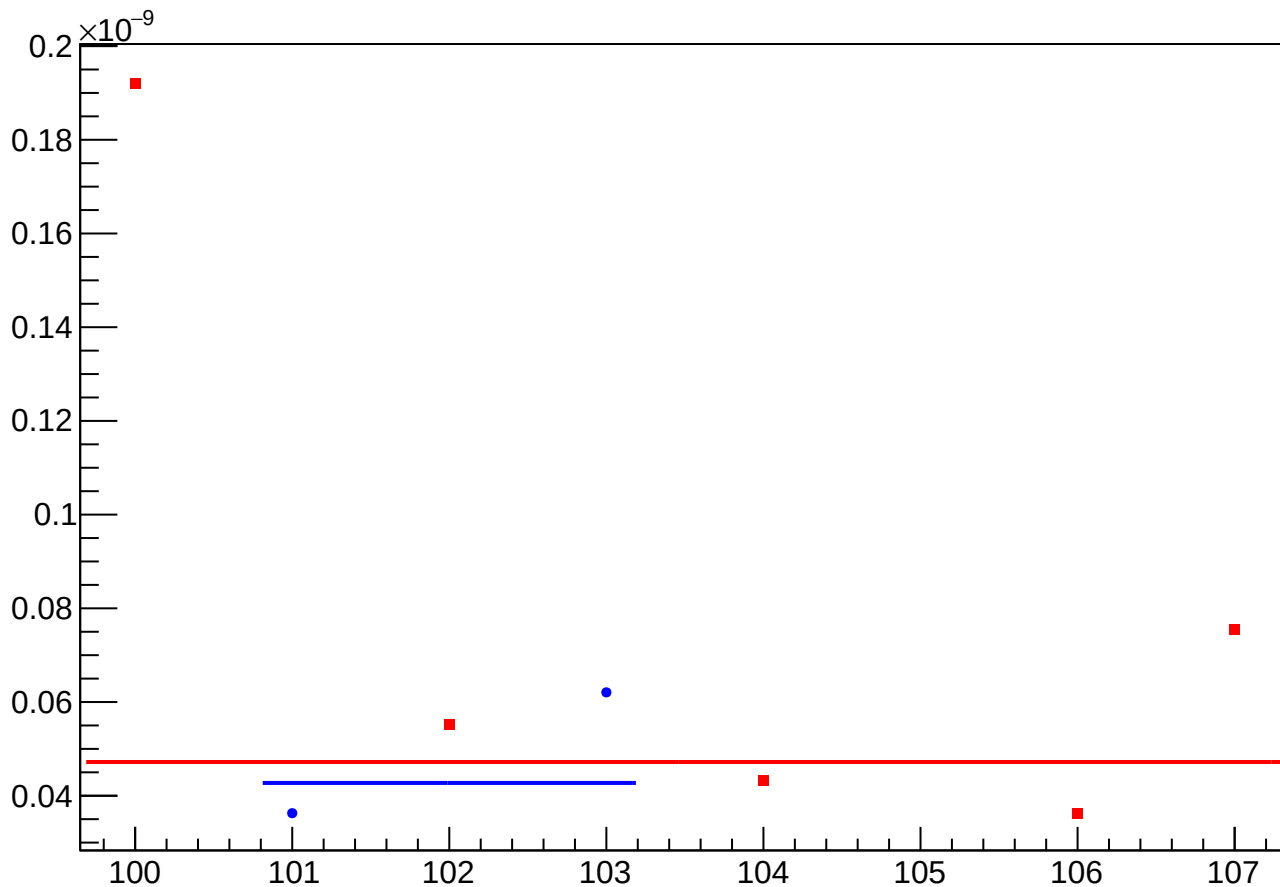
Right: 0.000+/-0.000 χ^2/NDF : 8.7/6

In: -0.000+/-0.000 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.7/6

asym_sam_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 106283.8/1

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

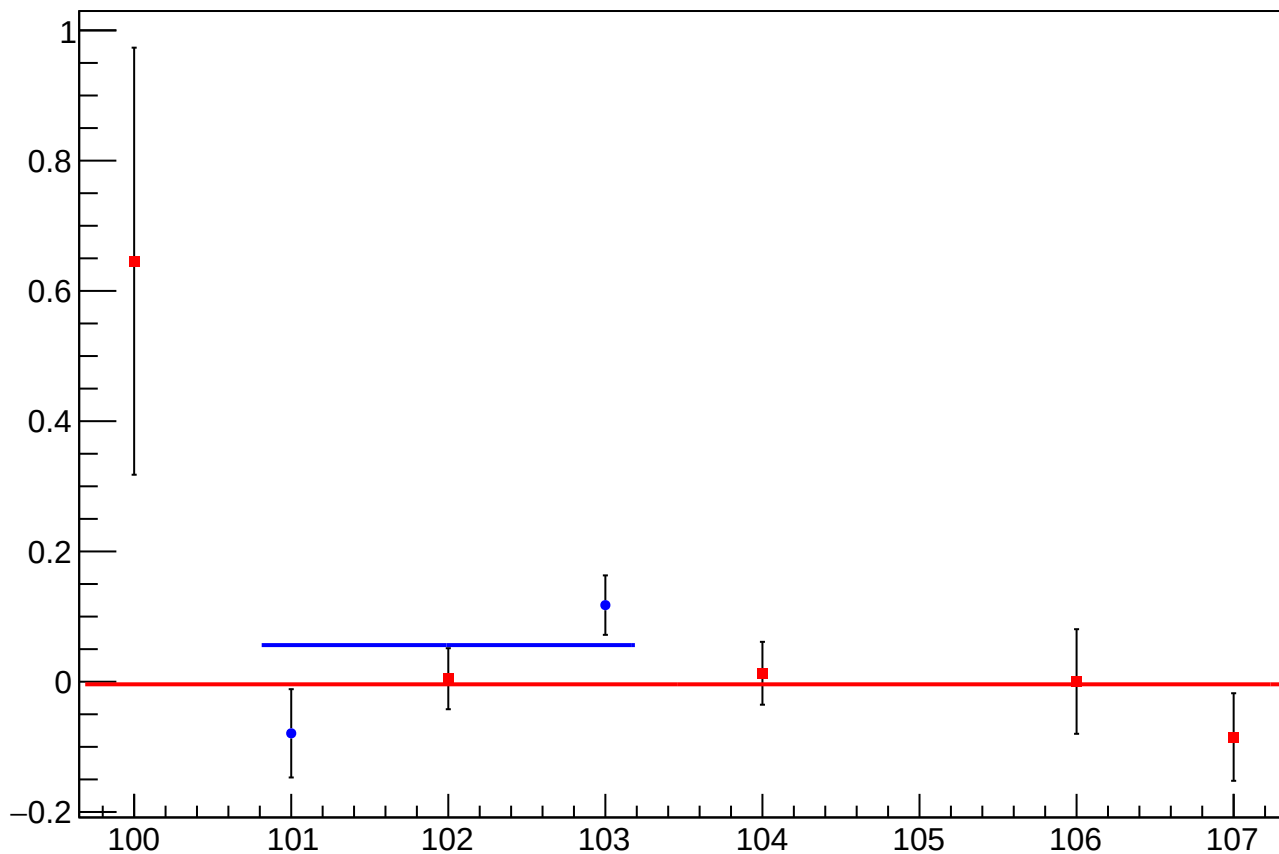
Right: 0.000+/-0.000 χ^2/NDF : 262796.7/6

In: 0.000+/-0.000 χ^2/NDF : 106283.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 262796.7/6

asym_sam_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056 $\pm$ 0.038 χ^2 /NDF: 5.8/1

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

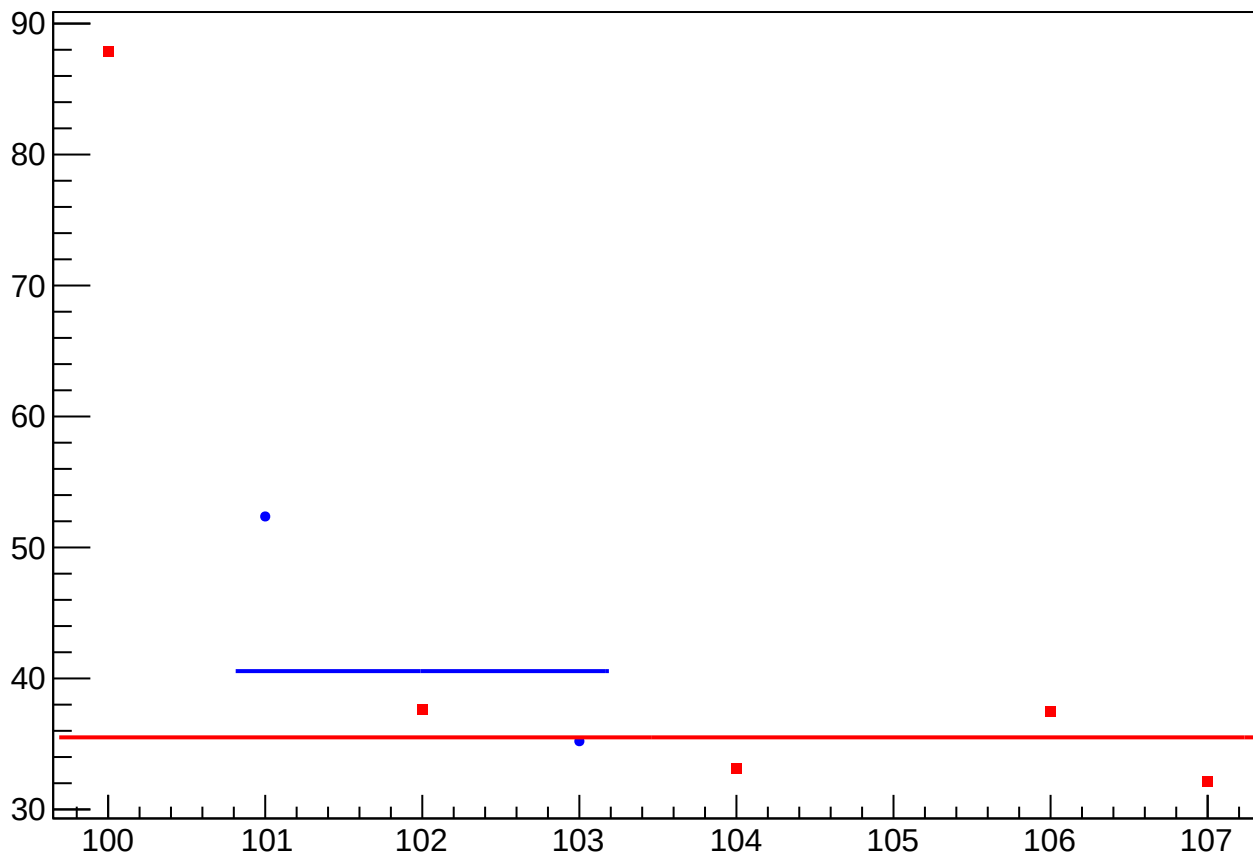
Right: 0.017 $\pm$ 0.023 χ^2 /NDF: 13.0/6

In: 0.056 $\pm$ 0.038 χ^2 /NDF:5.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.017 $\pm$ 0.023 χ^2 /NDF: 13.0/6

asym_sam_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.560 $\pm$ 0.027 χ^2 /NDF: 88181.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 35.502 $\pm$ 0.020 χ^2 /NDF: 65919.2/4

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

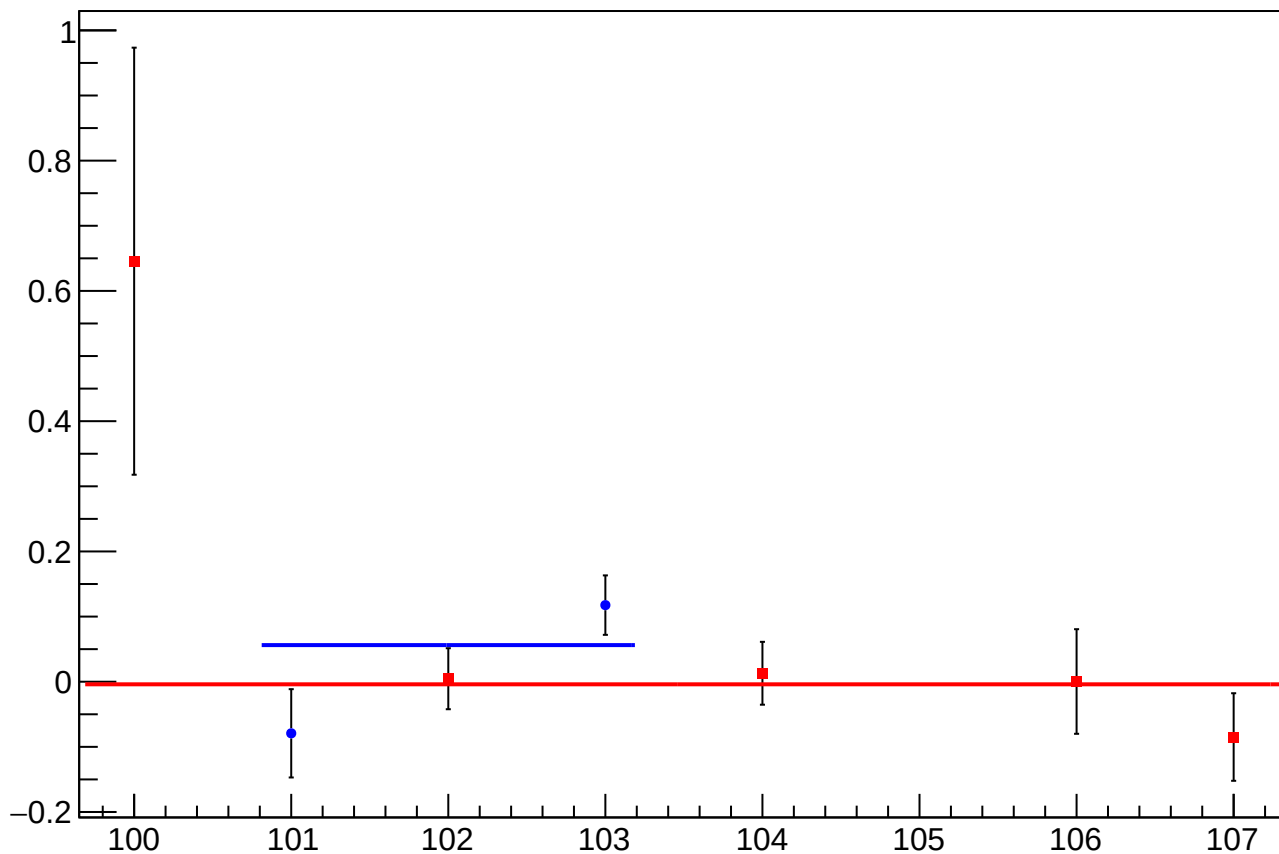
Right: 37.294 $\pm$ 0.016 χ^2 /NDF: 177151.4/6

In: 40.560 $\pm$ 0.027 χ^2 /NDF:88181.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 37.294 $\pm$ 0.016 χ^2 /NDF: 177151.4/6

asym_sam_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056 $\pm$ 0.038 χ^2 /NDF: 5.8/1

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

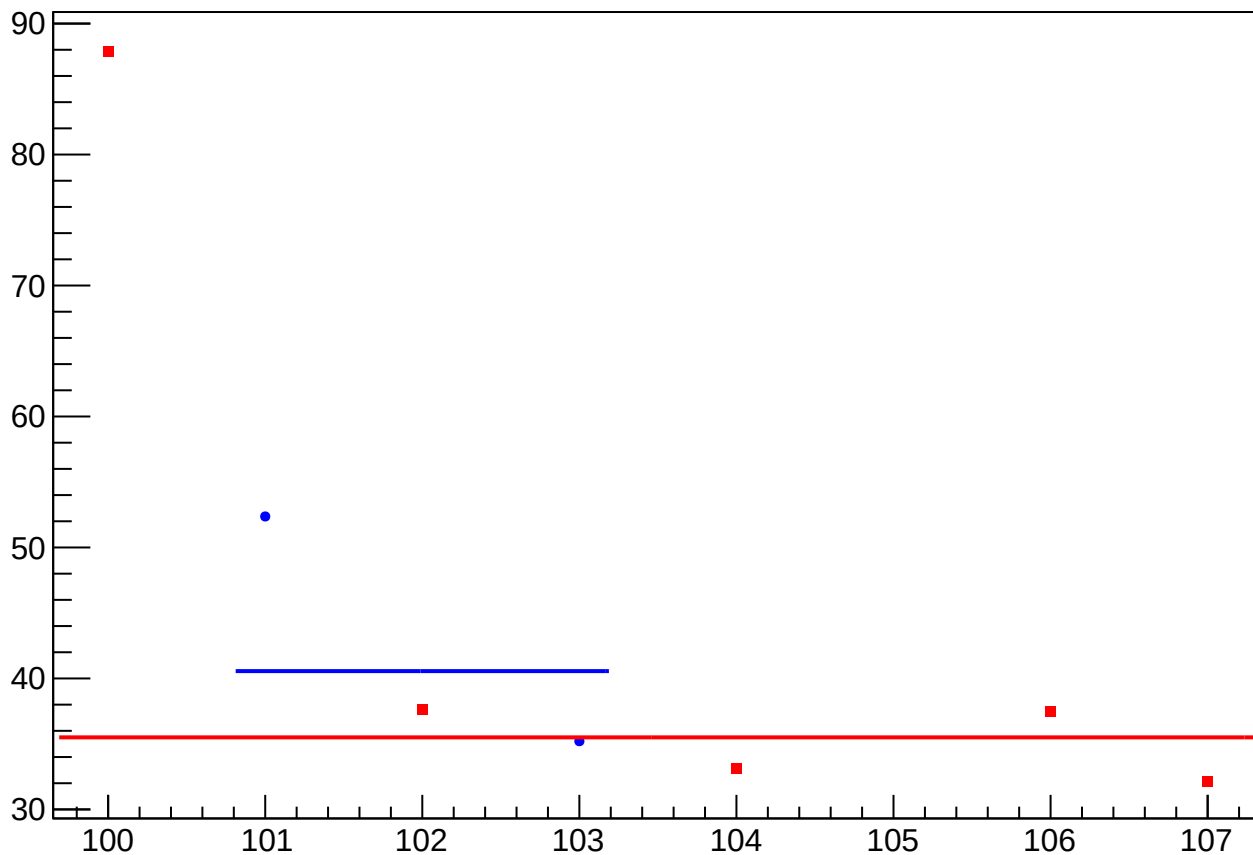
Right: 0.017 $\pm$ 0.023 χ^2 /NDF: 13.0/6

In: 0.056 $\pm$ 0.038 χ^2 /NDF:5.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.017 $\pm$ 0.023 χ^2 /NDF: 13.0/6

asym_sam_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.560+/-0.027 χ^2/NDF : 88181.6/1

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

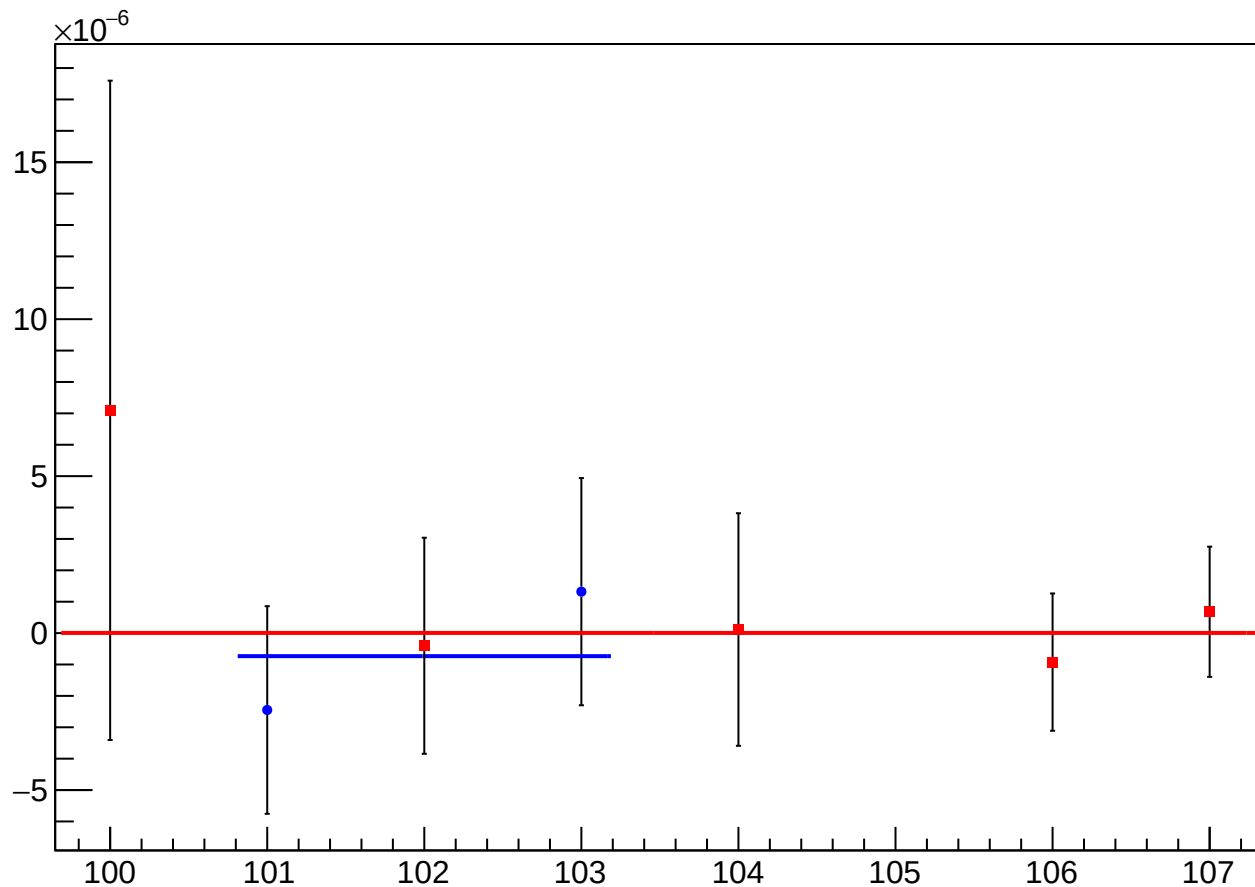
Right: 37.294+/-0.016 χ^2/NDF : 177151.4/6

In: 40.560+/-0.027 χ^2/NDF : 88181.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.294+/-0.016 χ^2/NDF : 177151.4/6

asym_sam_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.6/1

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

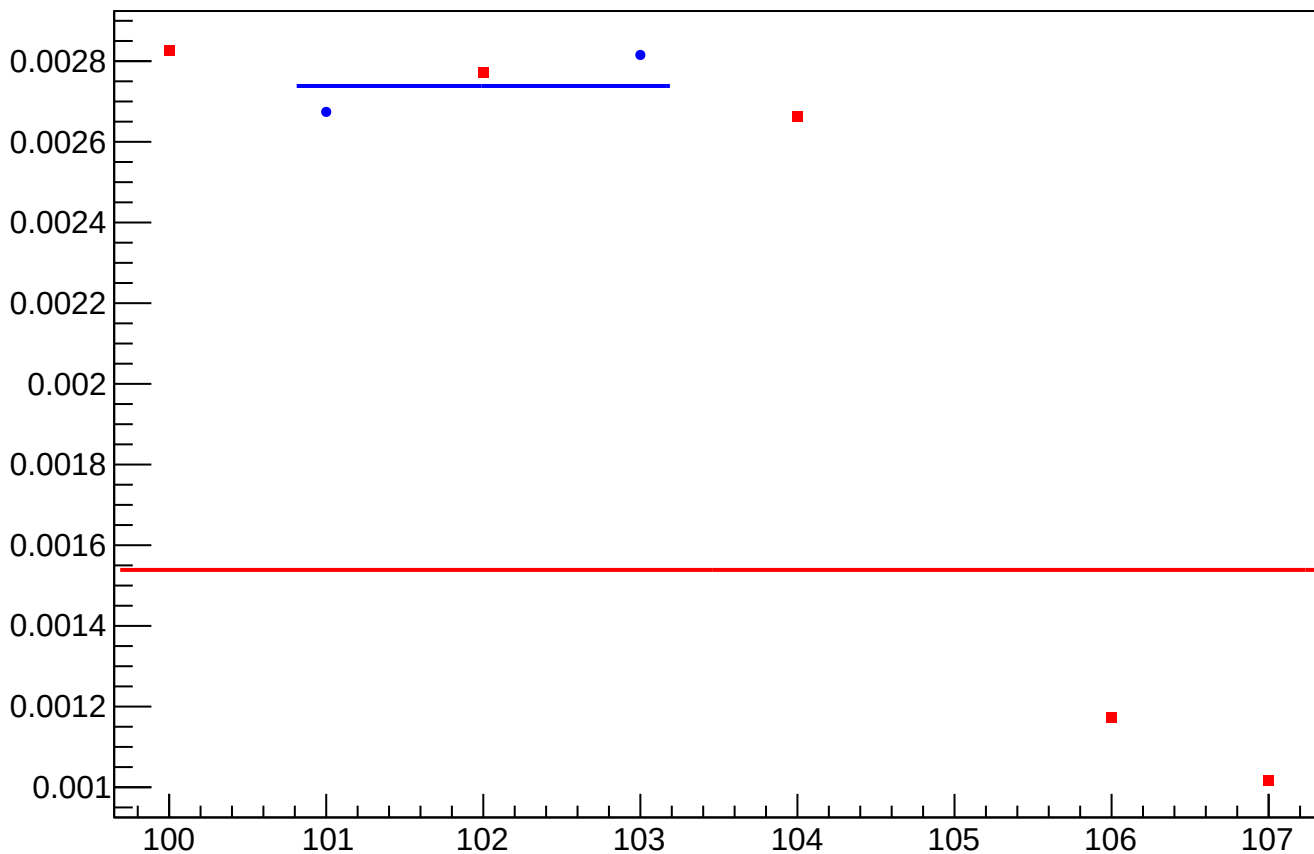
Right: -0.000+/-0.000 χ^2/NDF : 1.4/6

In: -0.000+/-0.000 χ^2/NDF :0.6/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1.4/6

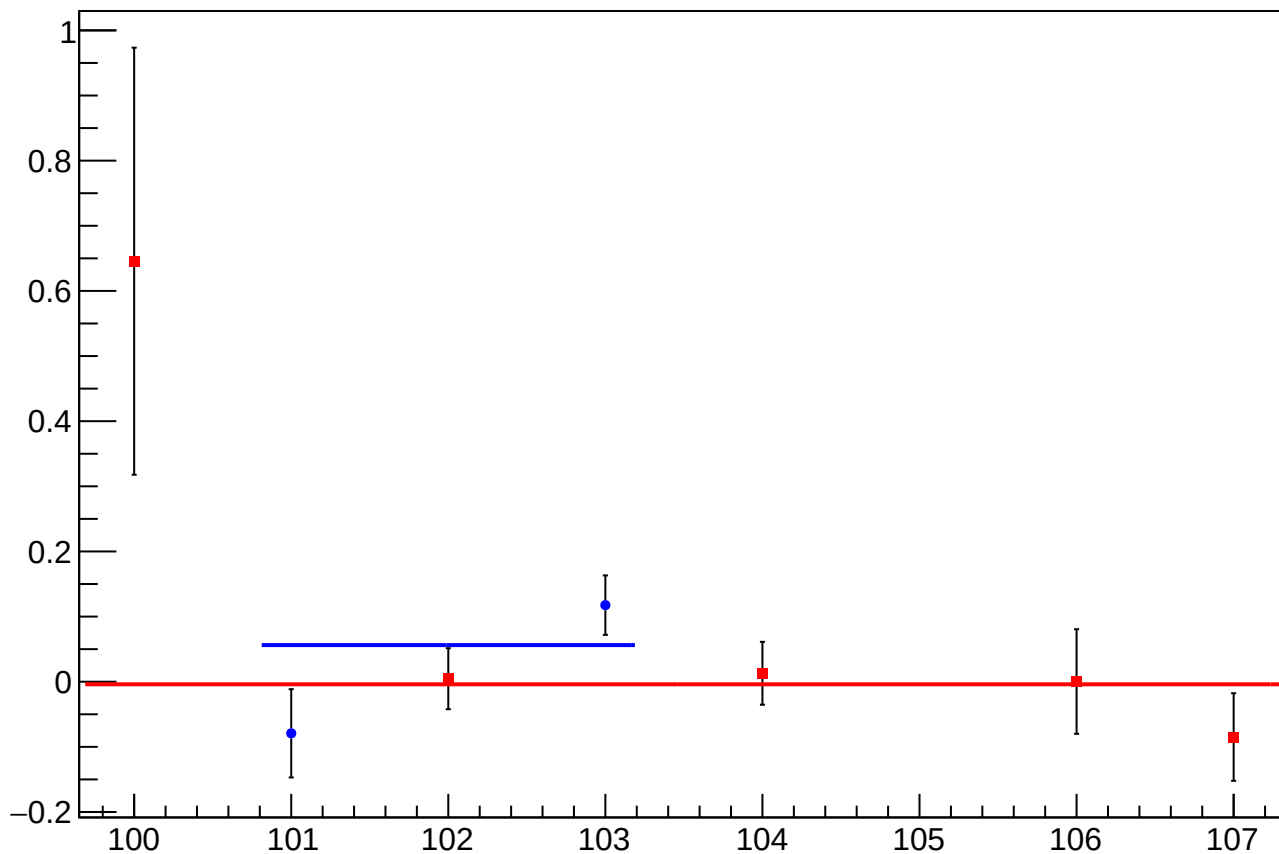
asym_sam_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1658.1/1
 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 : 1033466.0/6
 In: 0.003+/-0.000 χ^2/NDF : 1658.1/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.002+/-0.000 χ^2/NDF : 1033466.0/6

asym_sam_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056+/-0.038 χ^2/NDF : 5.8/1

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

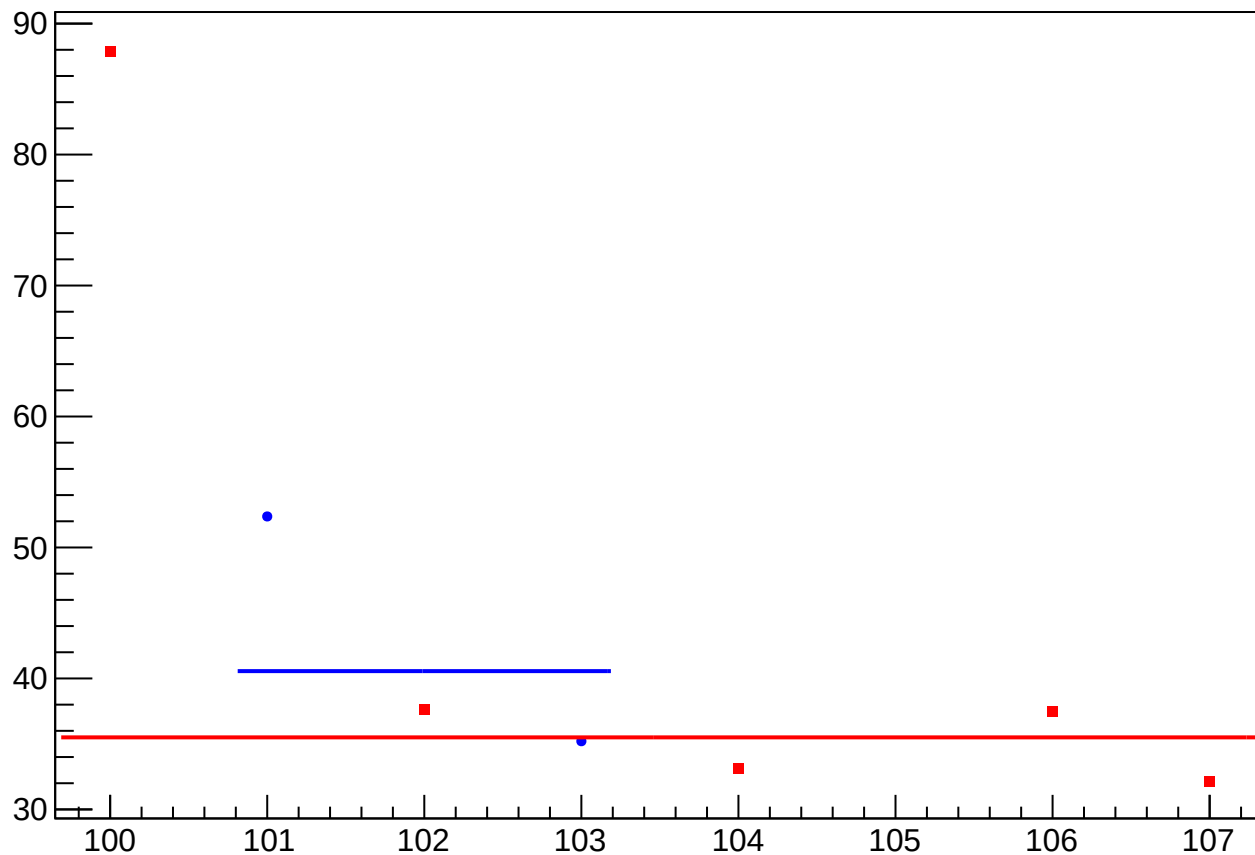
Right: 0.017+/-0.023 χ^2/NDF : 13.0/6

In: 0.056+/-0.038 χ^2/NDF : 5.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.023 χ^2/NDF : 13.0/6

asym_sam_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.560+/-0.027 χ^2/NDF : 88201.2/1

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

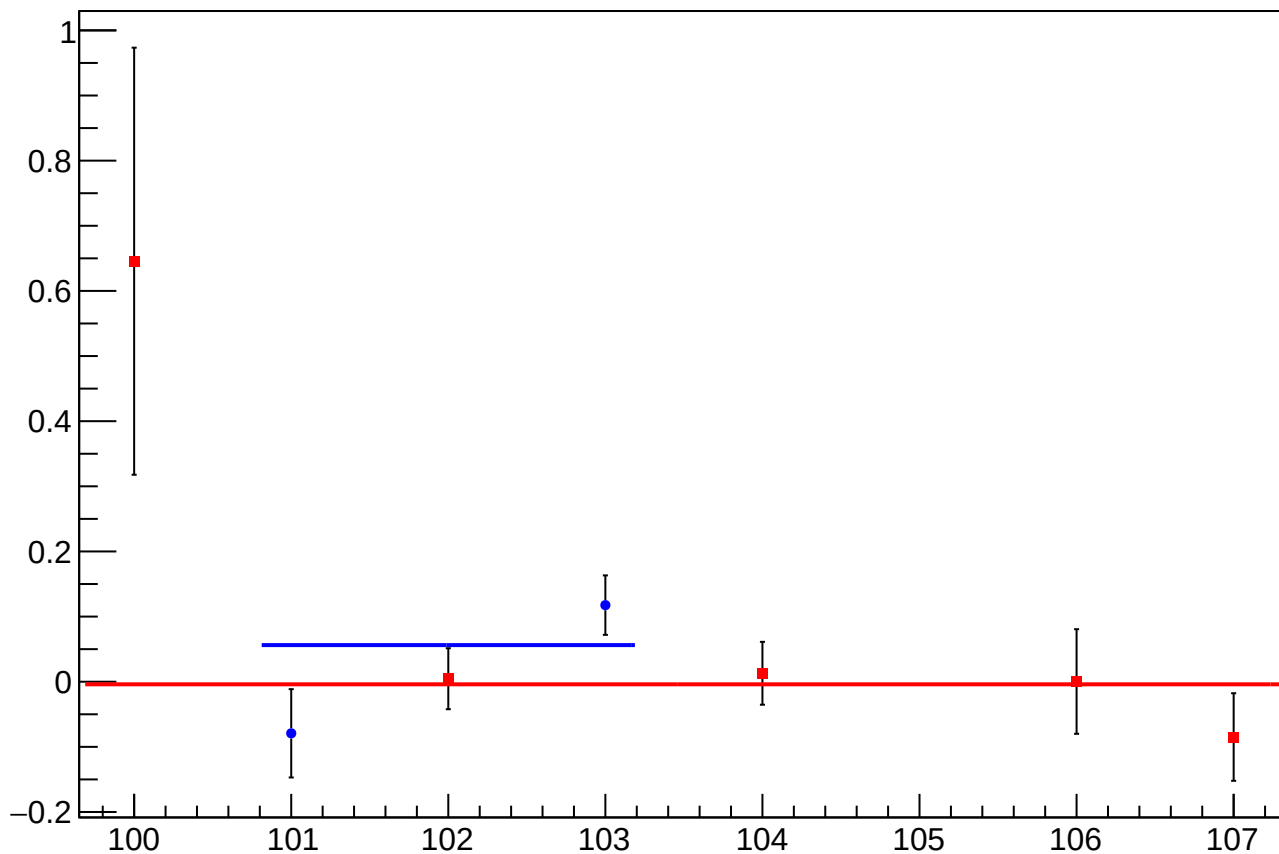
Right: 37.294+/-0.016 χ^2/NDF : 177177.7/6

In: 40.560+/-0.027 χ^2/NDF : 88201.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.294+/-0.016 χ^2/NDF : 177177.7/6

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056+/-0.038 χ^2/NDF : 5.8/1

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

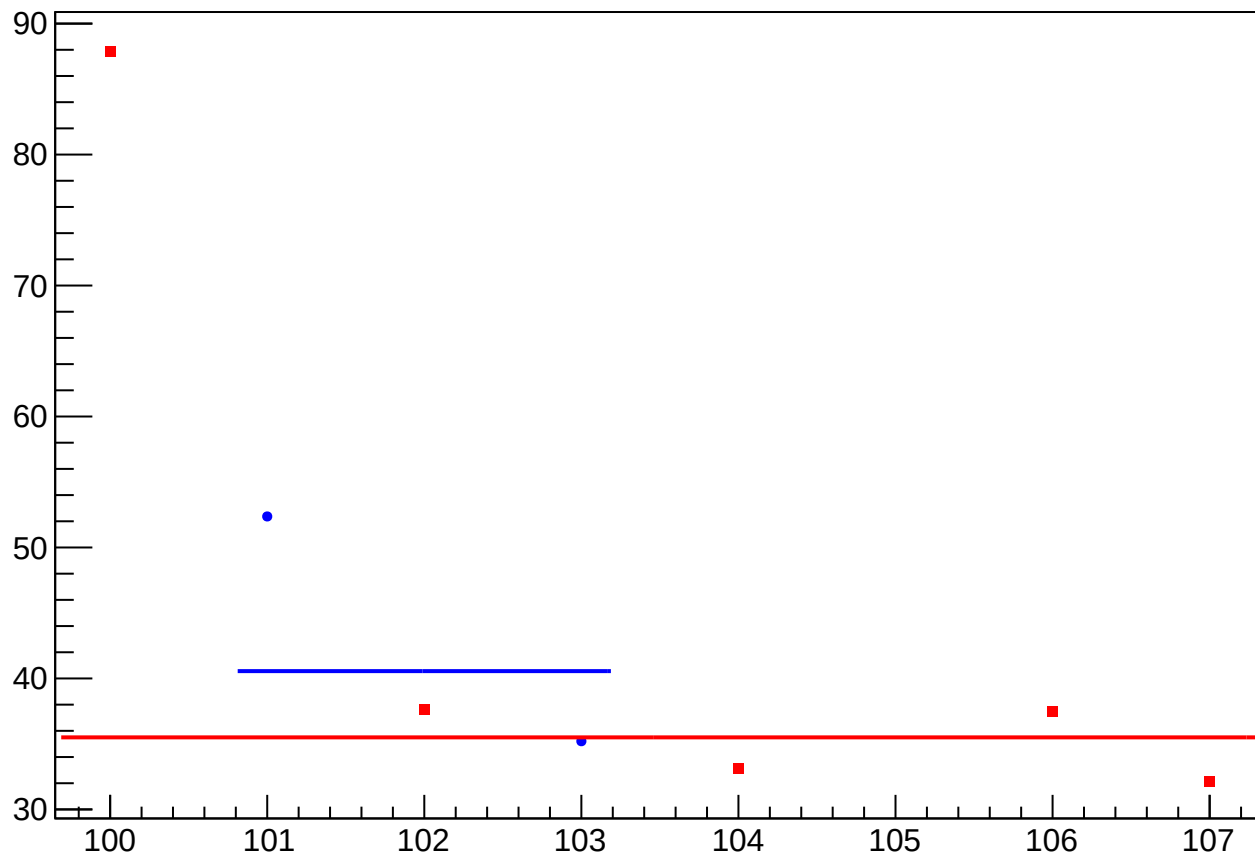
Right: 0.017+/-0.023 χ^2/NDF : 13.0/6

In: 0.056+/-0.038 χ^2/NDF : 5.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.023 χ^2/NDF : 13.0/6

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.560+/-0.027 χ^2/NDF : 88201.2/1

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

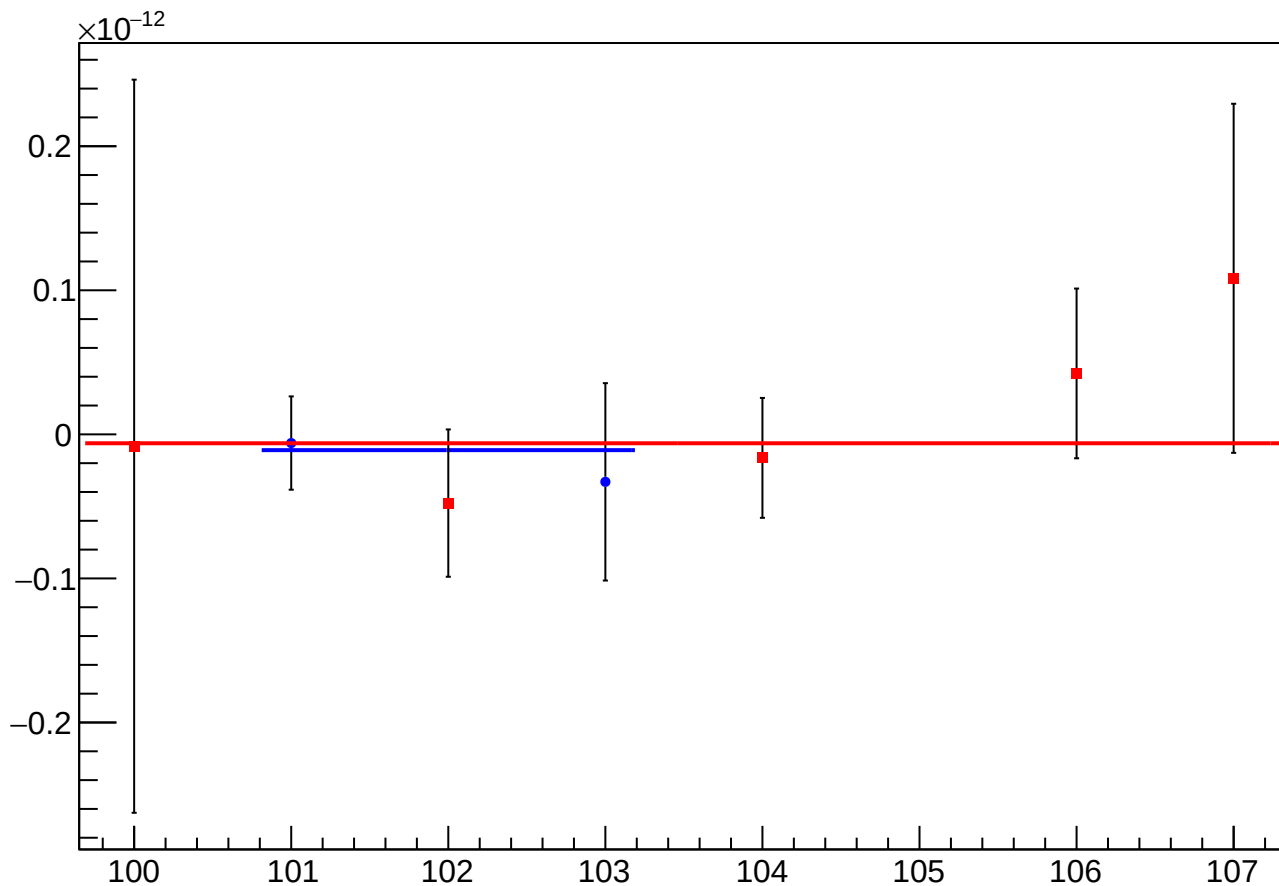
Right: 37.294+/-0.016 χ^2/NDF : 177177.7/6

In: 40.560+/-0.027 χ^2/NDF : 88201.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.294+/-0.016 χ^2/NDF : 177177.7/6

asym_sam_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.1/1

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

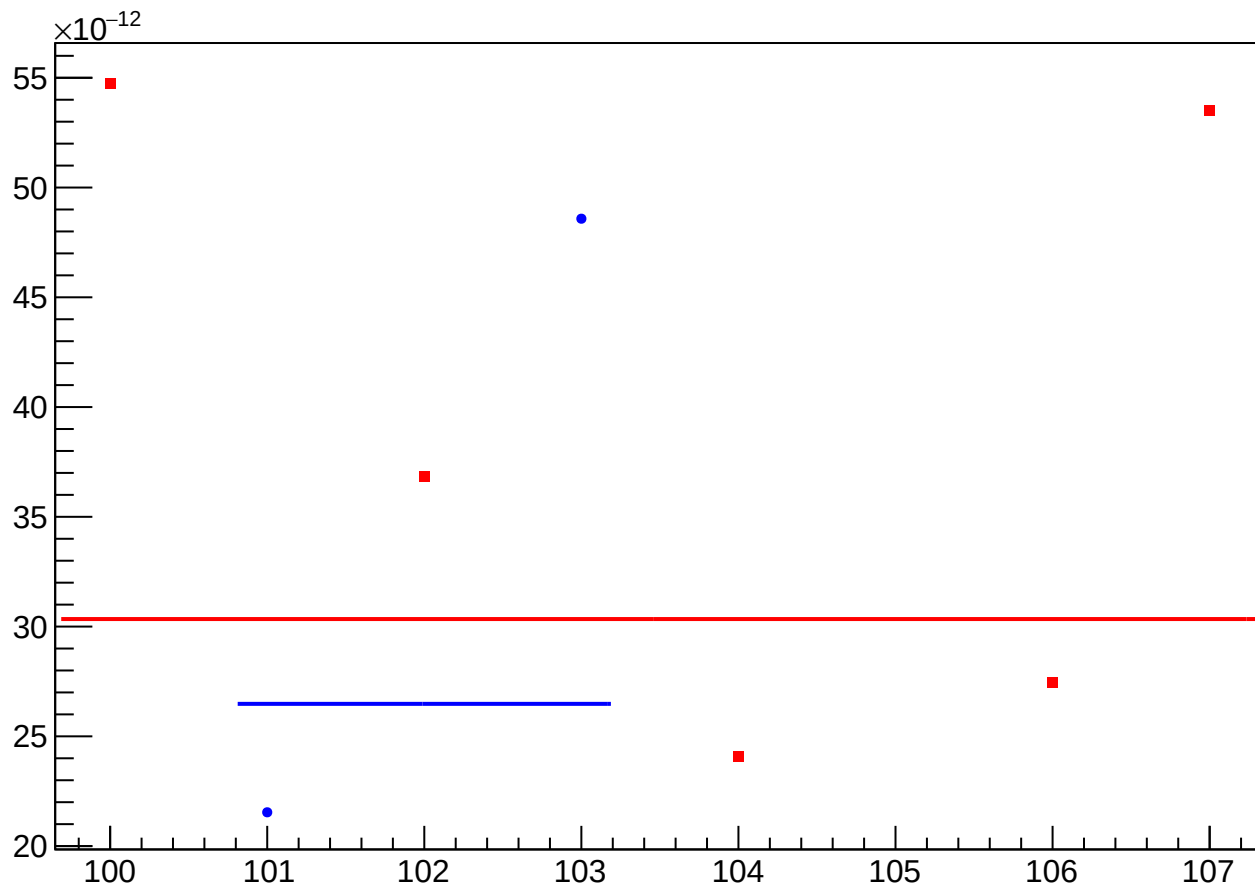
Right: -0.000+/-0.000 χ^2 /NDF: 2.4/6

In: -0.000+/-0.000 χ^2 /NDF:0.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 2.4/6

asym_sam_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 254723.3/1

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

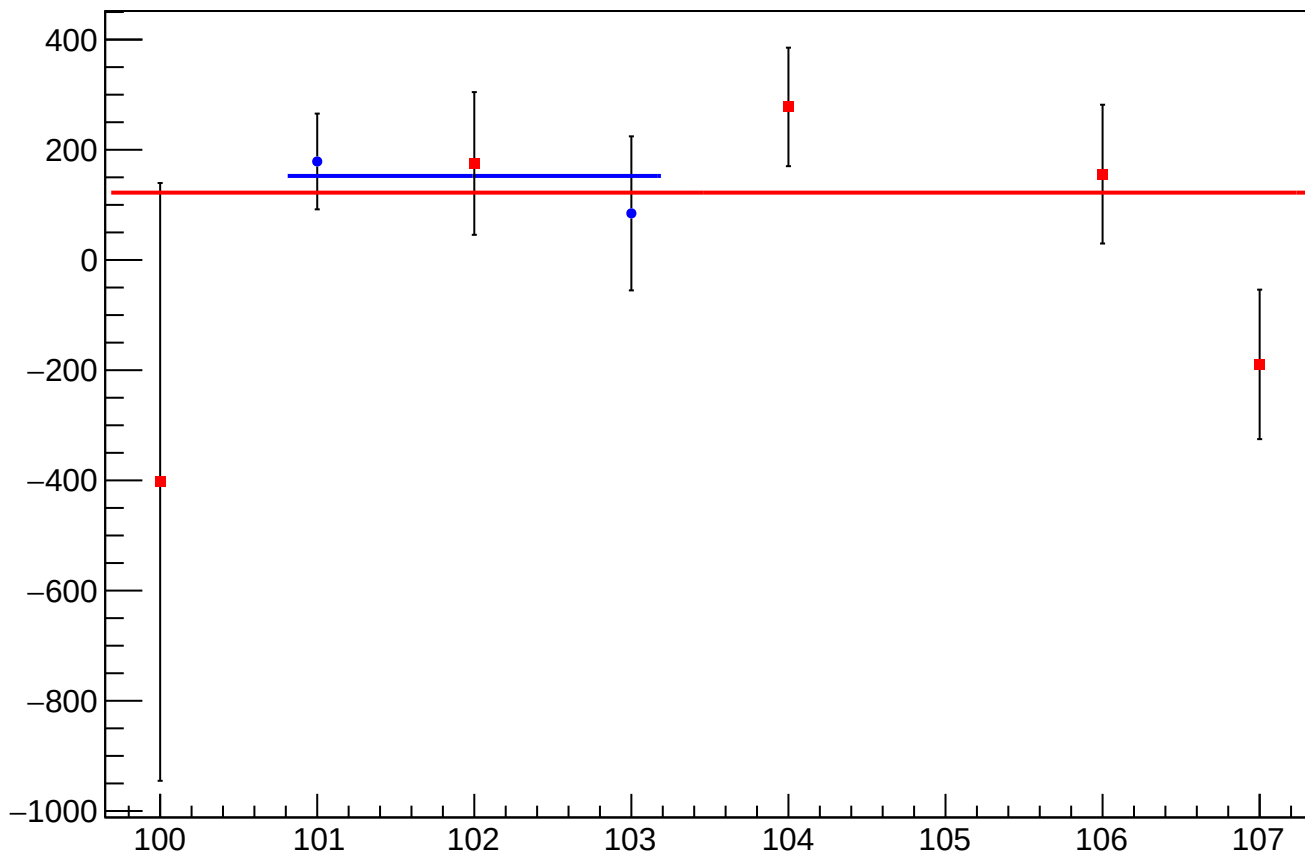
Right: 0.000+/-0.000 χ^2/NDF : 447316.7/6

In: 0.000+/-0.000 χ^2/NDF : 254723.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 447316.7/6

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 152.528+/-73.789 χ^2/NDF : 0.3/1

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

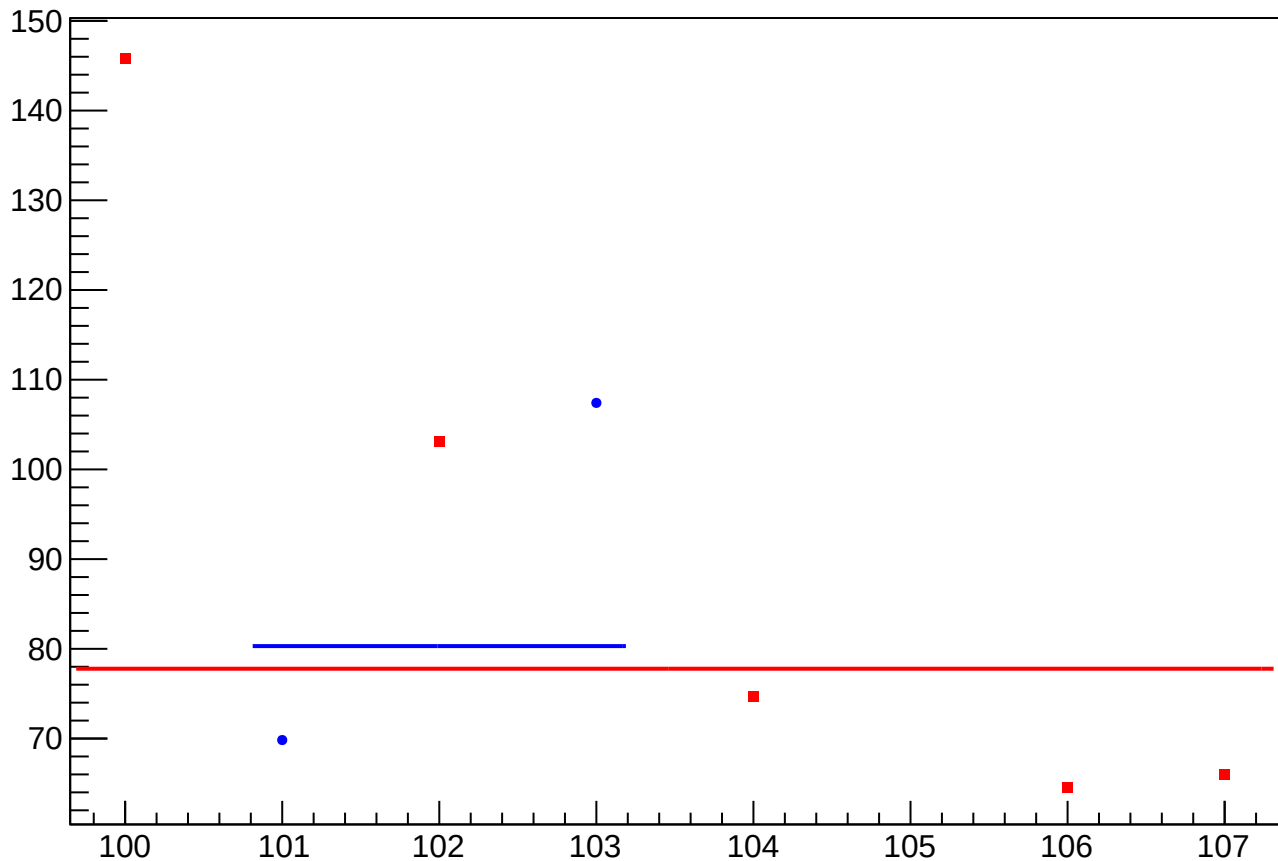
Right: 134.583+/-47.111 χ^2/NDF : 9.0/6

In: 152.528+/-73.789 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.583+/-47.111 χ^2/NDF : 9.0/6

reg_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 80.304 ± 0.052 $\chi^2/\text{NDF}: 104294.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 77.782 ± 0.043 $\chi^2/\text{NDF}: 146534.8/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

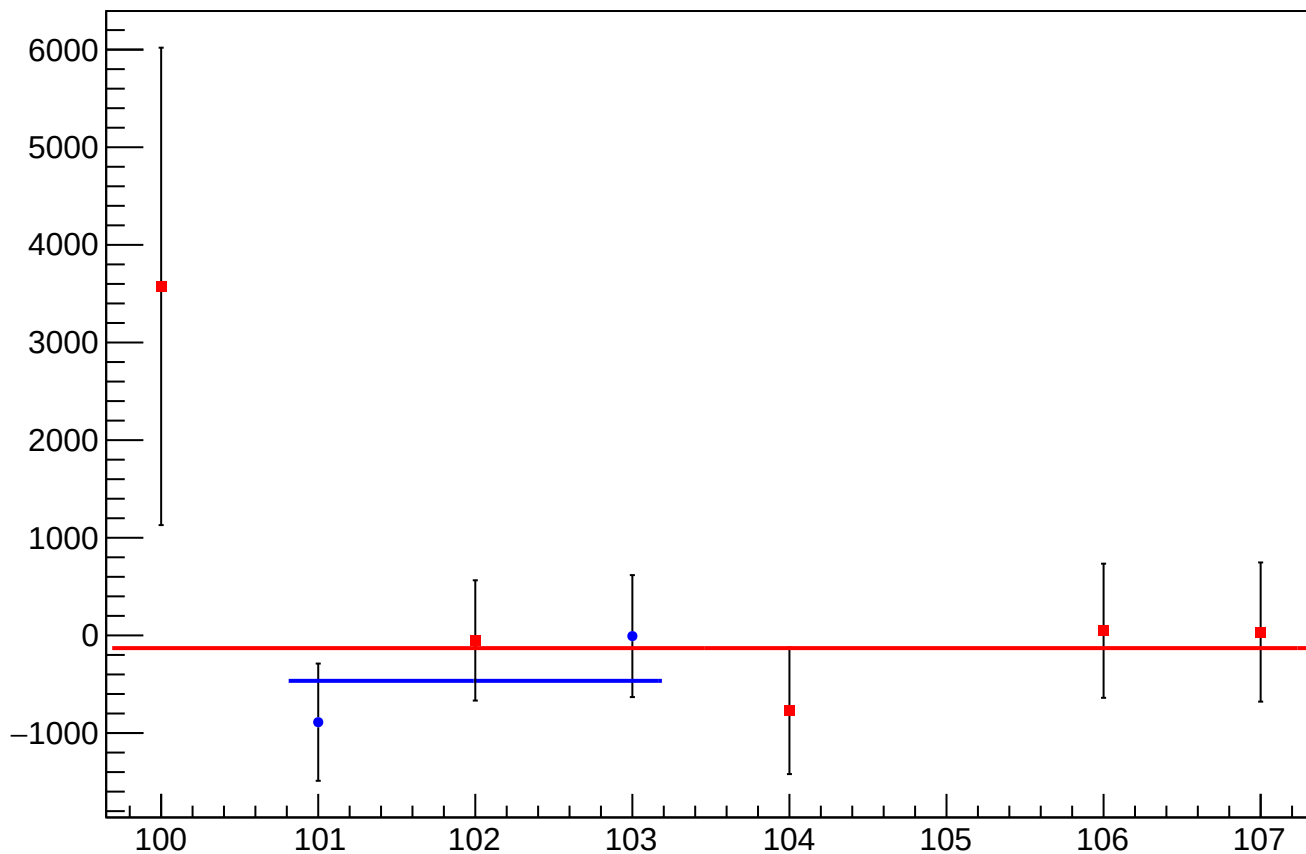
Right: 78.810 ± 0.033 $\chi^2/\text{NDF}: 252213.7/6$

In: 80.304 ± 0.052 $\chi^2/\text{NDF}: 104294.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 78.810 ± 0.033 $\chi^2/\text{NDF}: 252213.7/6$

asym_sam_13_57_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -465.349+/-432.850 χ^2/NDF : 1.0/1

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

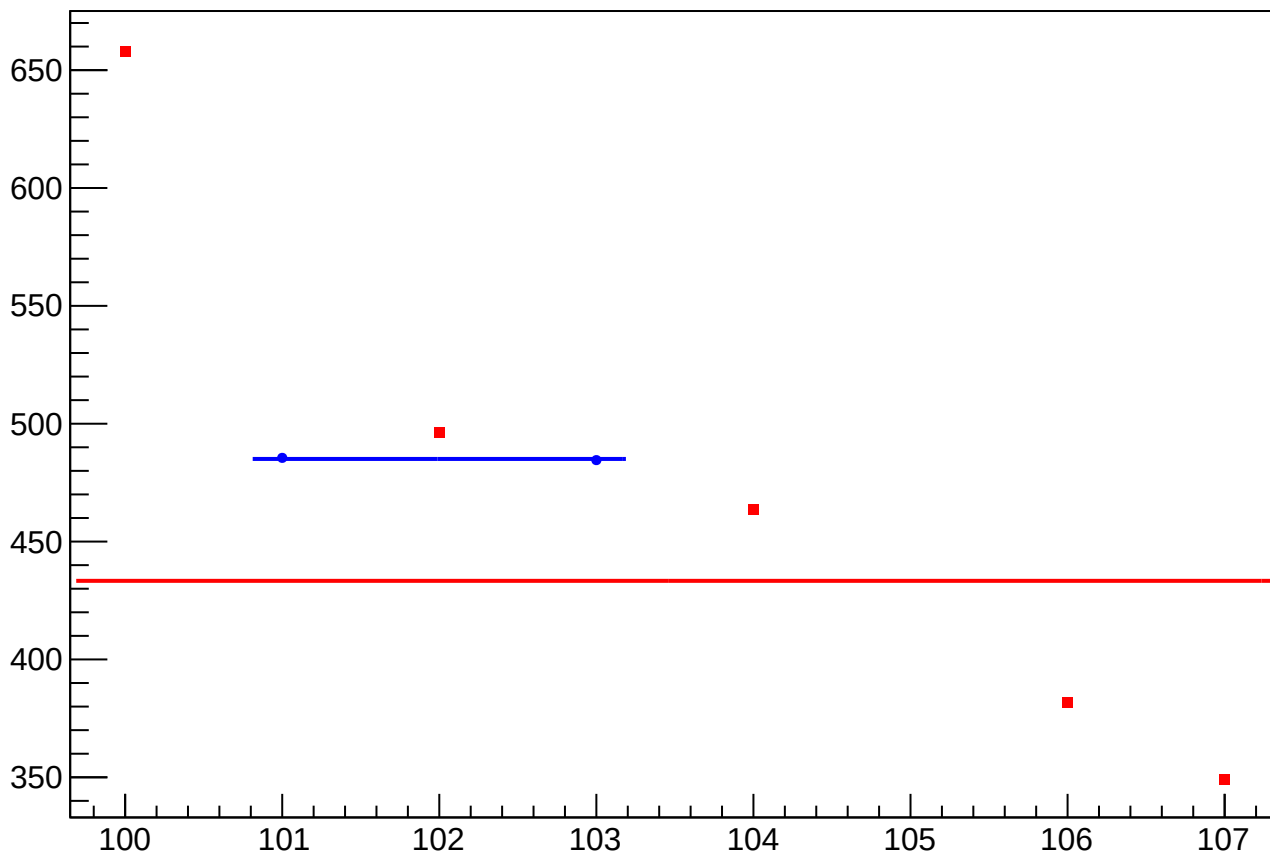
Right: -252.629+/-261.637 χ^2/NDF : 4.8/6

In: -465.349+/-432.850 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -252.629+/-261.637 χ^2/NDF : 4.8/6

asym_sam_13_57_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 485.056 $\pm$ 0.306 χ^2 /NDF: 2.4/1

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

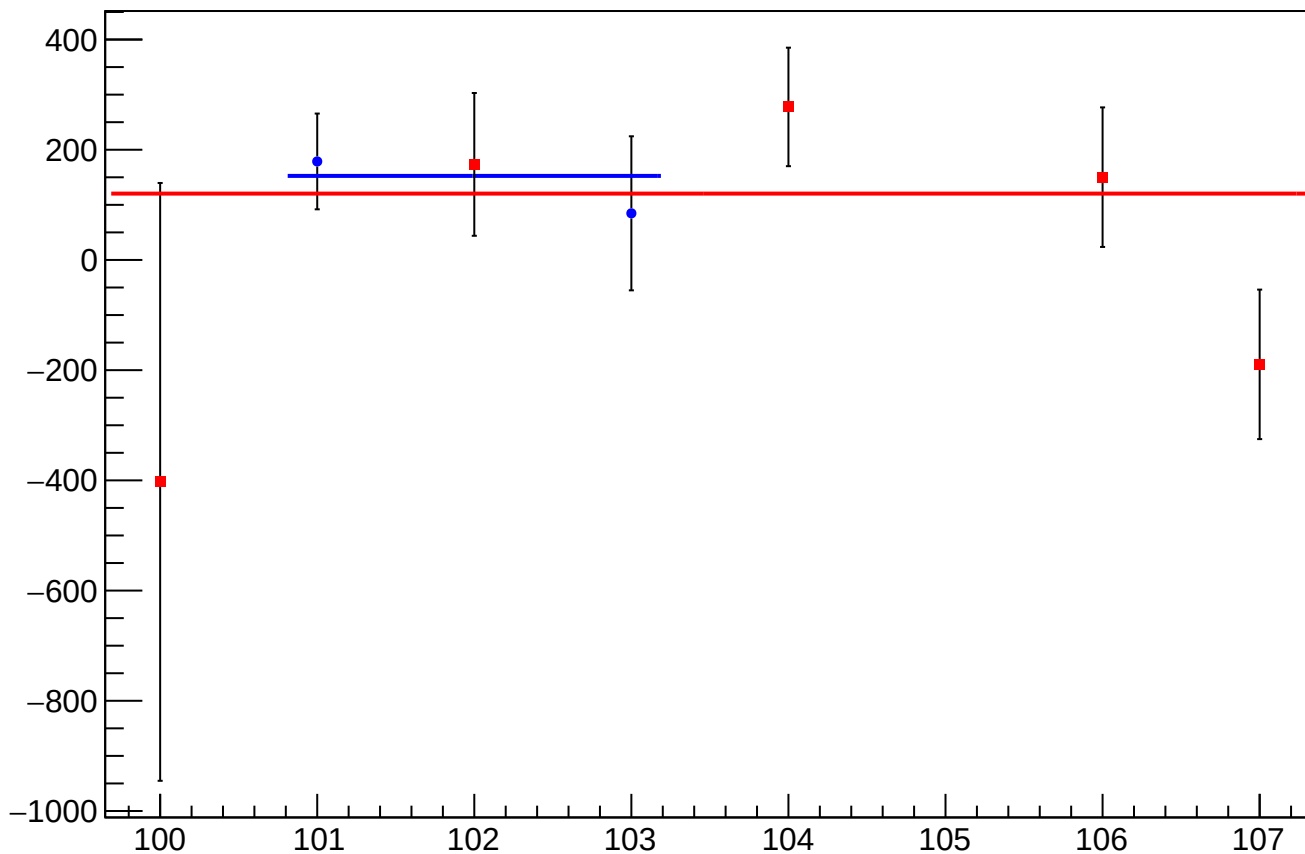
Right: 452.237 $\pm$ 0.185 χ^2 /NDF: 99414.6/6

In: 485.056 $\pm$ 0.306 χ^2 /NDF: 2.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 452.237 $\pm$ 0.185 χ^2 /NDF: 99414.6/6

cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 152.530 $\pm$ 73.789 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 120.412 $\pm$ 61.295 χ^2 /NDF: 8.5/4

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

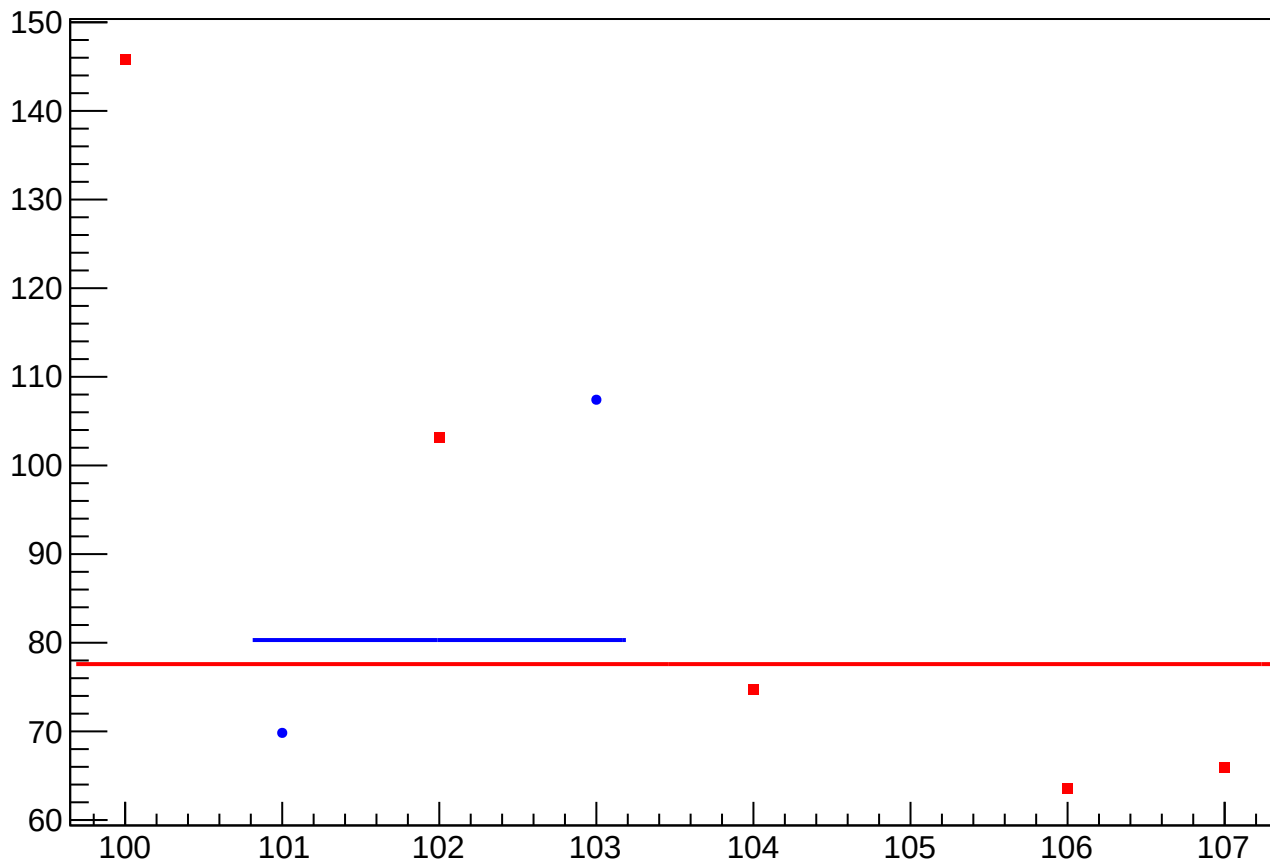
Right: 133.525 $\pm$ 47.150 χ^2 /NDF: 9.0/6

In: 152.530 $\pm$ 73.789 χ^2 /NDF: 0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 133.525 $\pm$ 47.150 χ^2 /NDF: 9.0/6

cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 80.304+/-0.052 χ^2/NDF : 104296.5/1

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

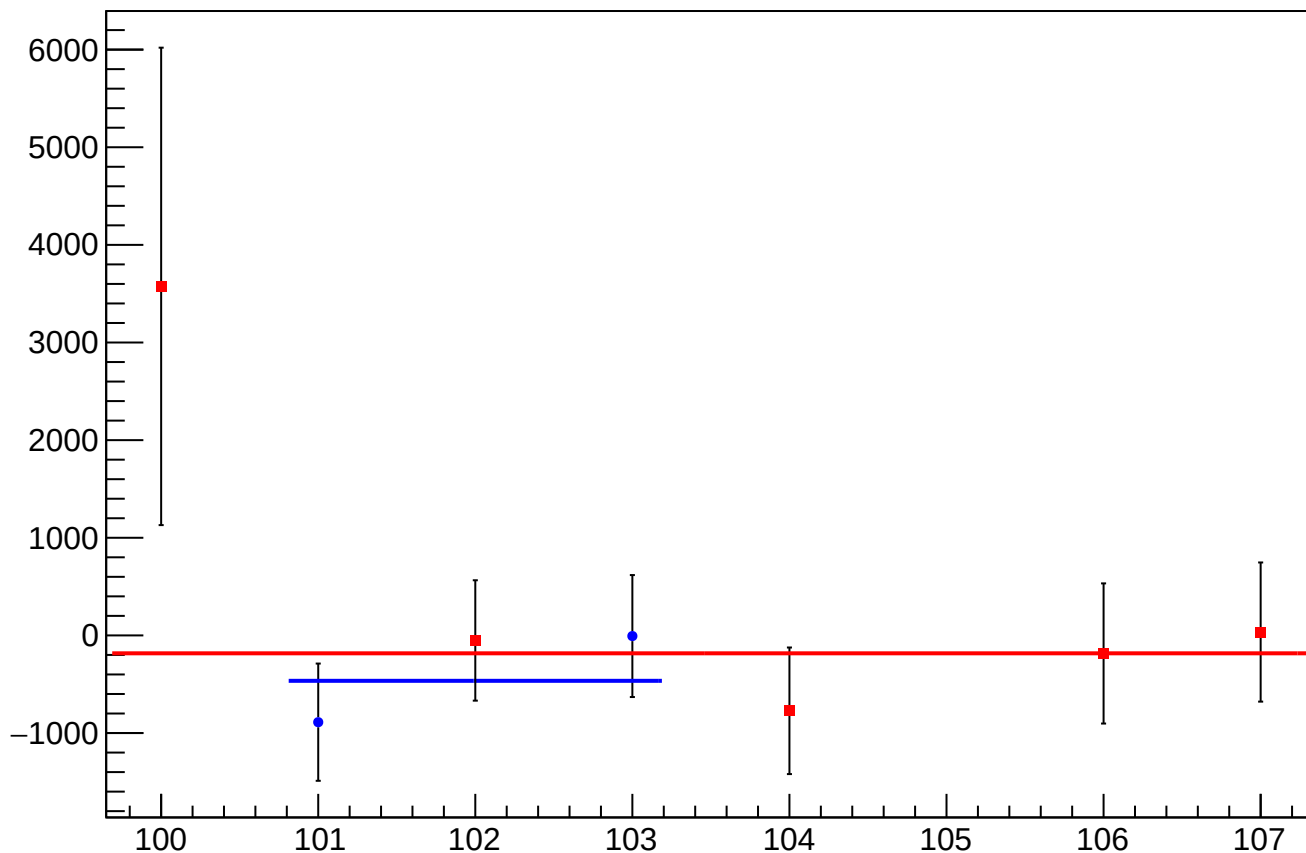
Right: 78.698+/-0.033 χ^2/NDF : 255715.3/6

In: 80.304+/-0.052 χ^2/NDF : 104296.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.698+/-0.033 χ^2/NDF : 255715.3/6

asym_sam_13_57_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -465.143+/-432.865 χ^2/NDF : 1.0/1

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

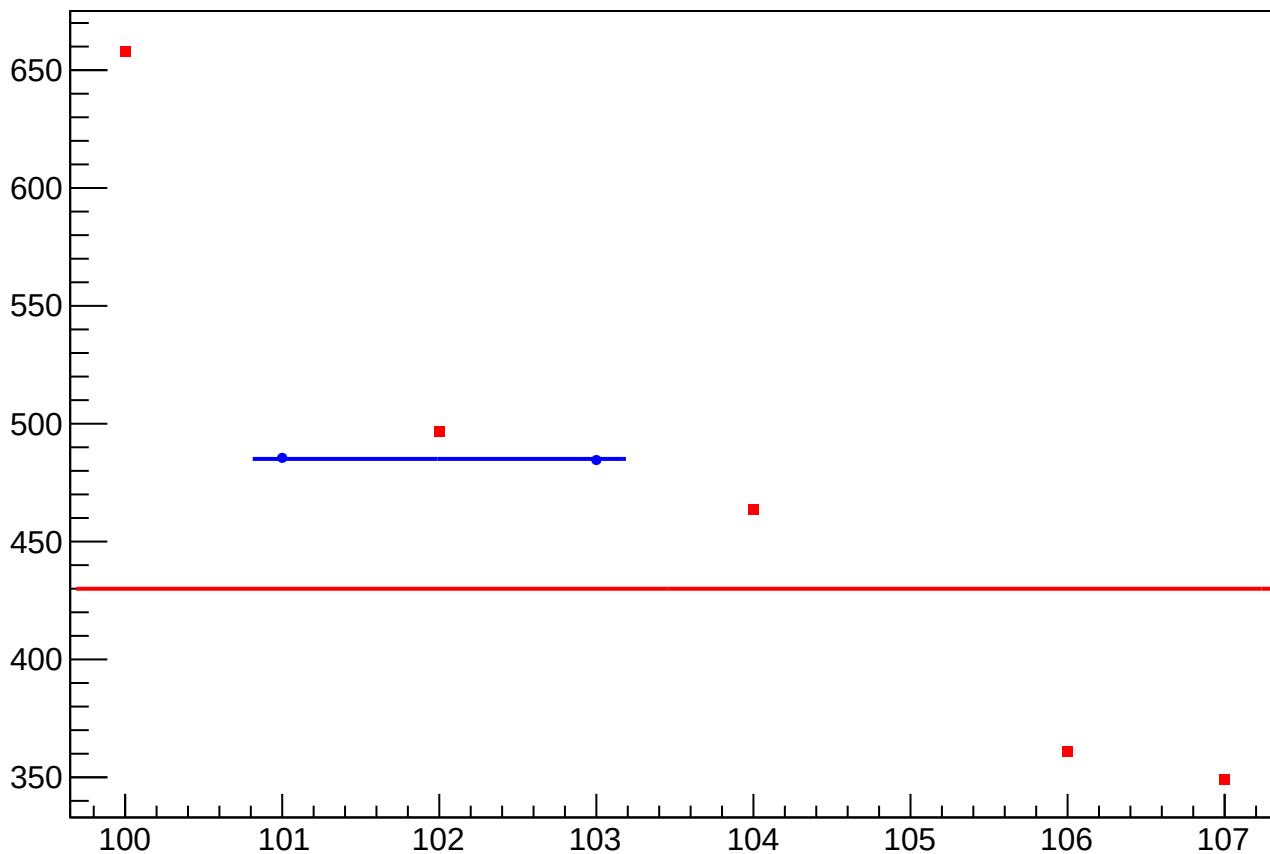
Right: -287.646+/-263.297 χ^2/NDF : 4.6/6

In: -465.143+/-432.865 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -287.646+/-263.297 χ^2/NDF : 4.6/6

asym_sam_13_57_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 485.071+/-0.306 χ^2/NDF : 2.3/1

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

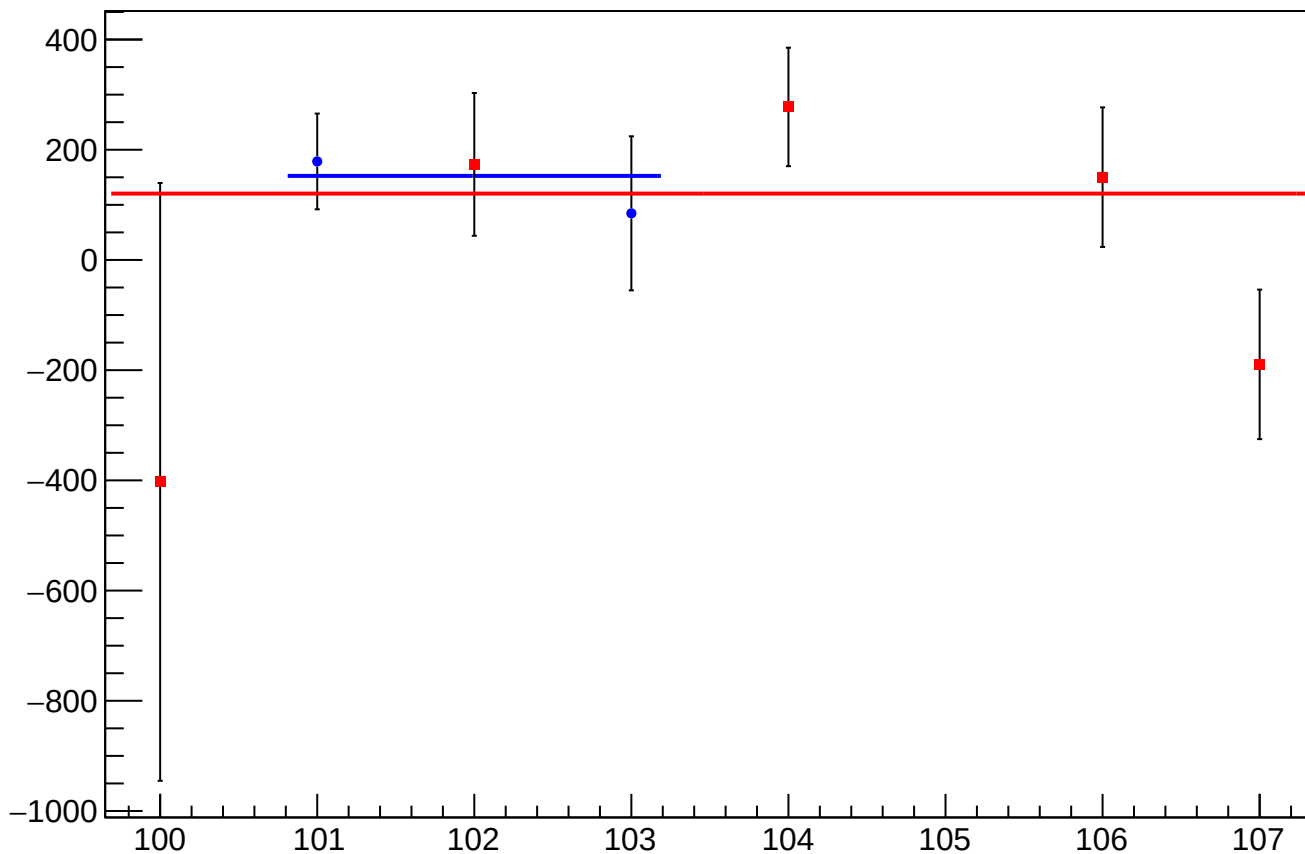
Right: 450.370+/-0.186 χ^2/NDF : 110905.2/6

In: 485.071+/-0.306 χ^2/NDF : 2.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 450.370+/-0.186 χ^2/NDF : 110905.2/6

eigen_cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 152.530 $\pm$ 73.789 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 120.412 $\pm$ -61.295 χ^2 /NDF: 8.5/4

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

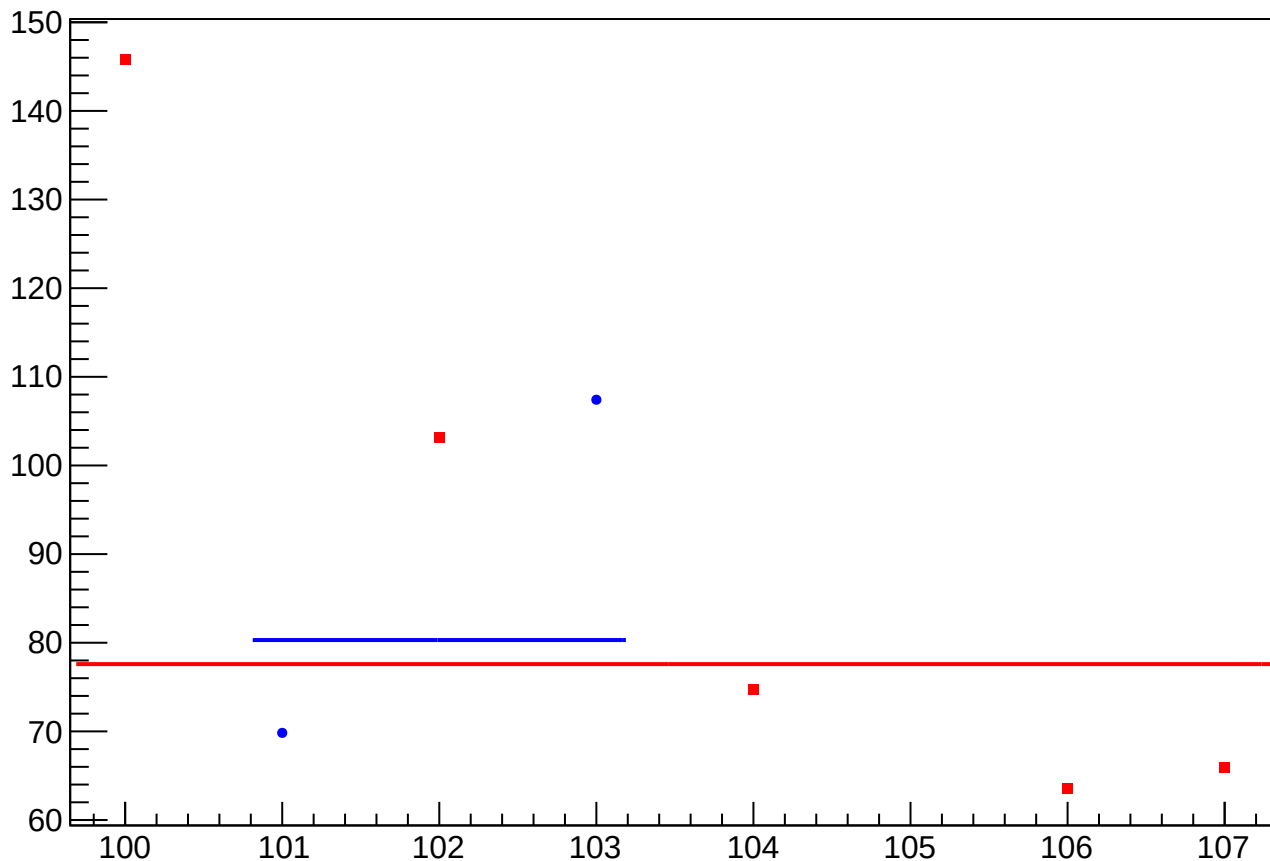
Right: 133.525 $\pm$ -47.150 χ^2 /NDF: 9.0/6

In: 152.530 $\pm$ -73.789 χ^2 /NDF:0.3/1

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 133.525 $\pm$ -47.150 χ^2 /NDF: 9.0/6

eigen_cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 80.304+/-0.052 χ^2/NDF : 104296.5/1

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

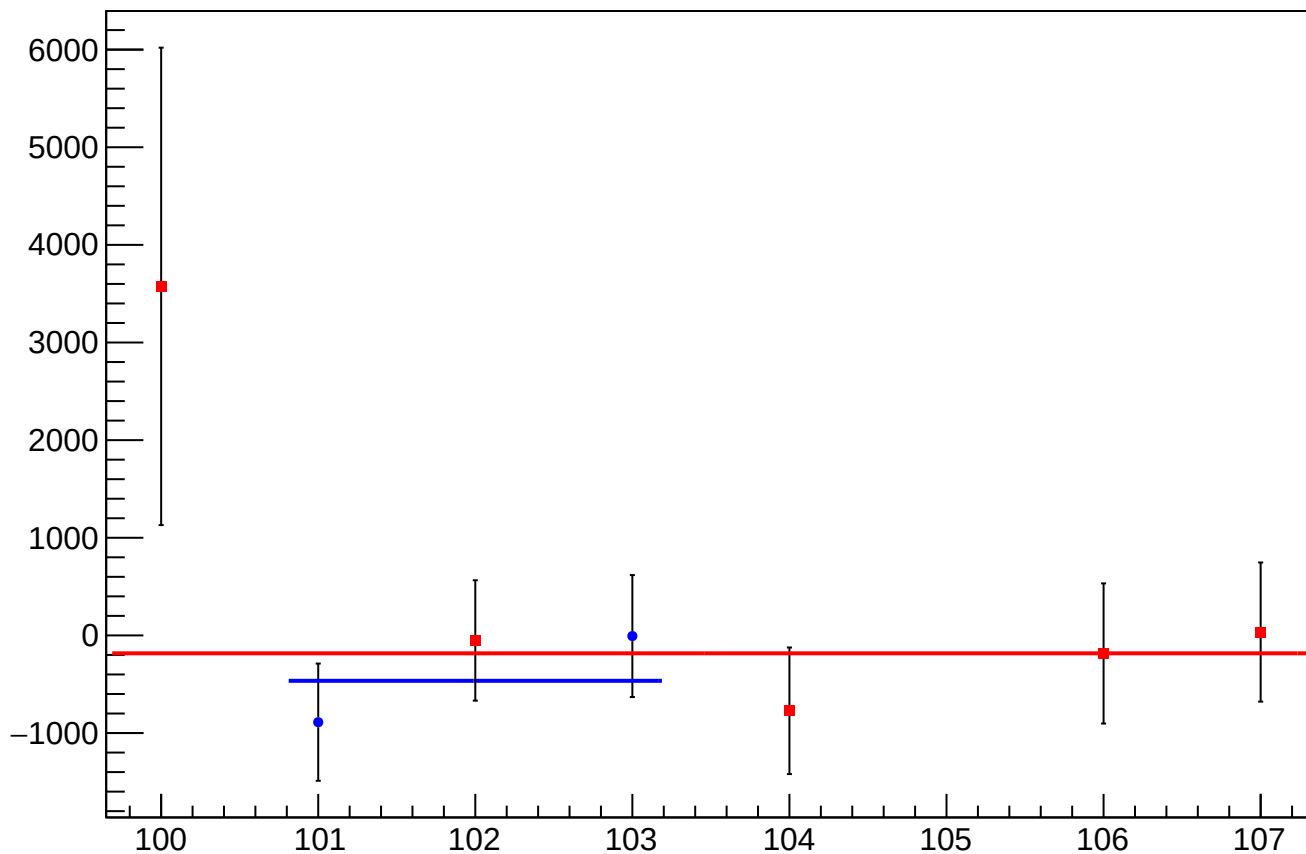
Right: 78.698+/-0.033 χ^2/NDF : 255715.3/6

In: 80.304+/-0.052 χ^2/NDF : 104296.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.698+/-0.033 χ^2/NDF : 255715.3/6

asym_sam_13_57_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -465.143+/-432.865 χ^2/NDF : 1.0/1

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

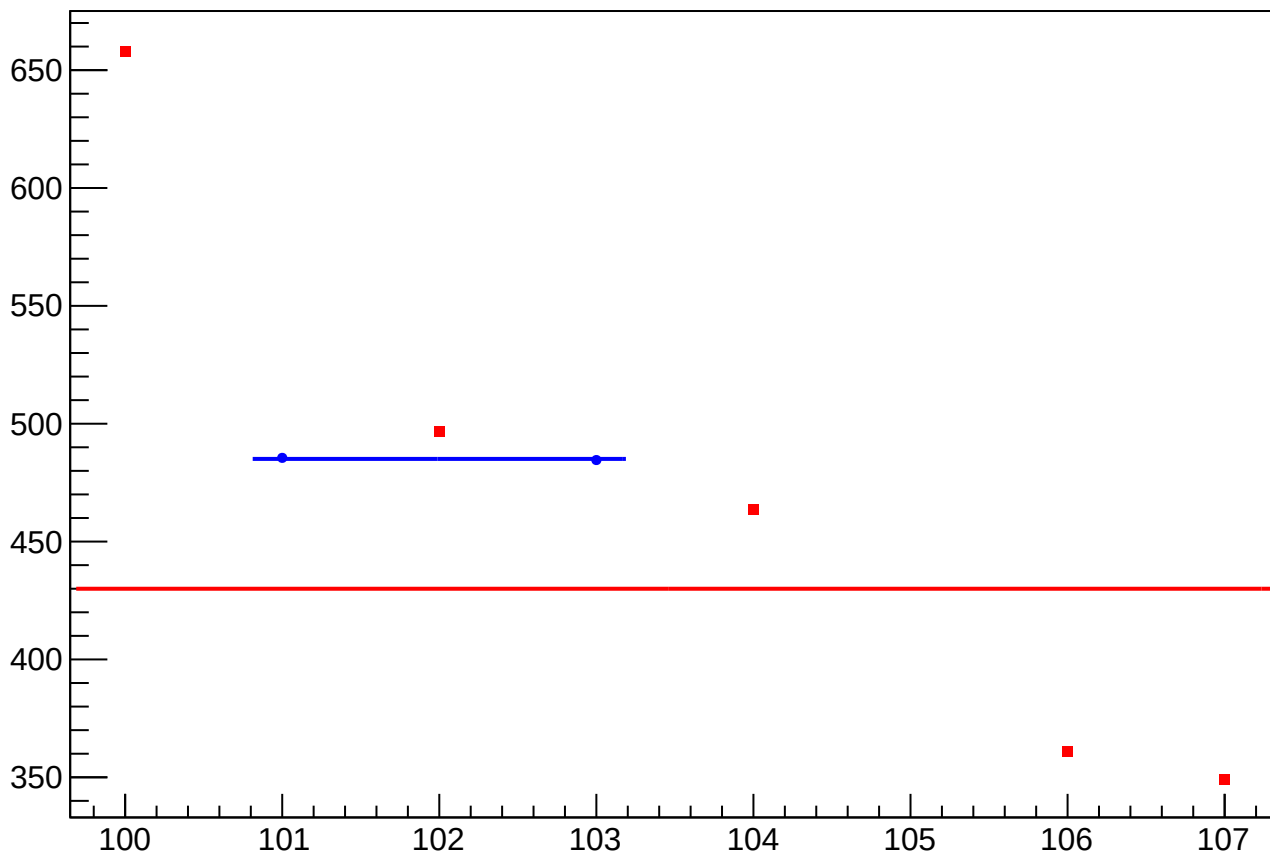
Right: -287.646+/-263.297 χ^2/NDF : 4.6/6

In: -465.143+/-432.865 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -287.646+/-263.297 χ^2/NDF : 4.6/6

asym_sam_13_57_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 485.071 ± 0.306 $\chi^2/\text{NDF}: 2.3/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 429.990 ± 0.235 $\chi^2/\text{NDF}: 90501.1/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

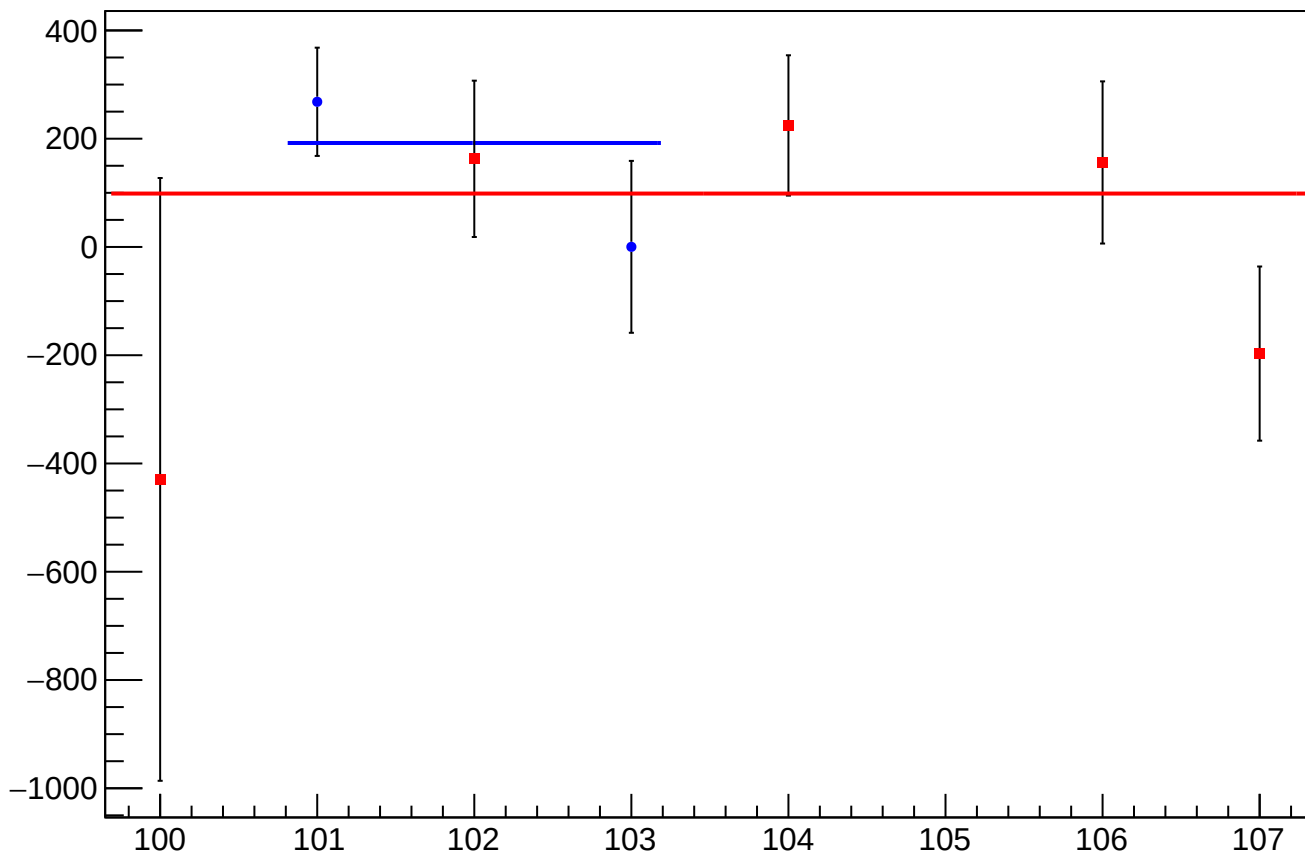
Right: 450.370 ± 0.186 $\chi^2/\text{NDF}: 110905.2/6$

In: 485.071 ± 0.306 $\chi^2/\text{NDF}: 2.3/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 450.370 ± 0.186 $\chi^2/\text{NDF}: 110905.2/6$

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 192.073 $\pm$ 84.616 χ^2 /NDF: 2.0/1

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

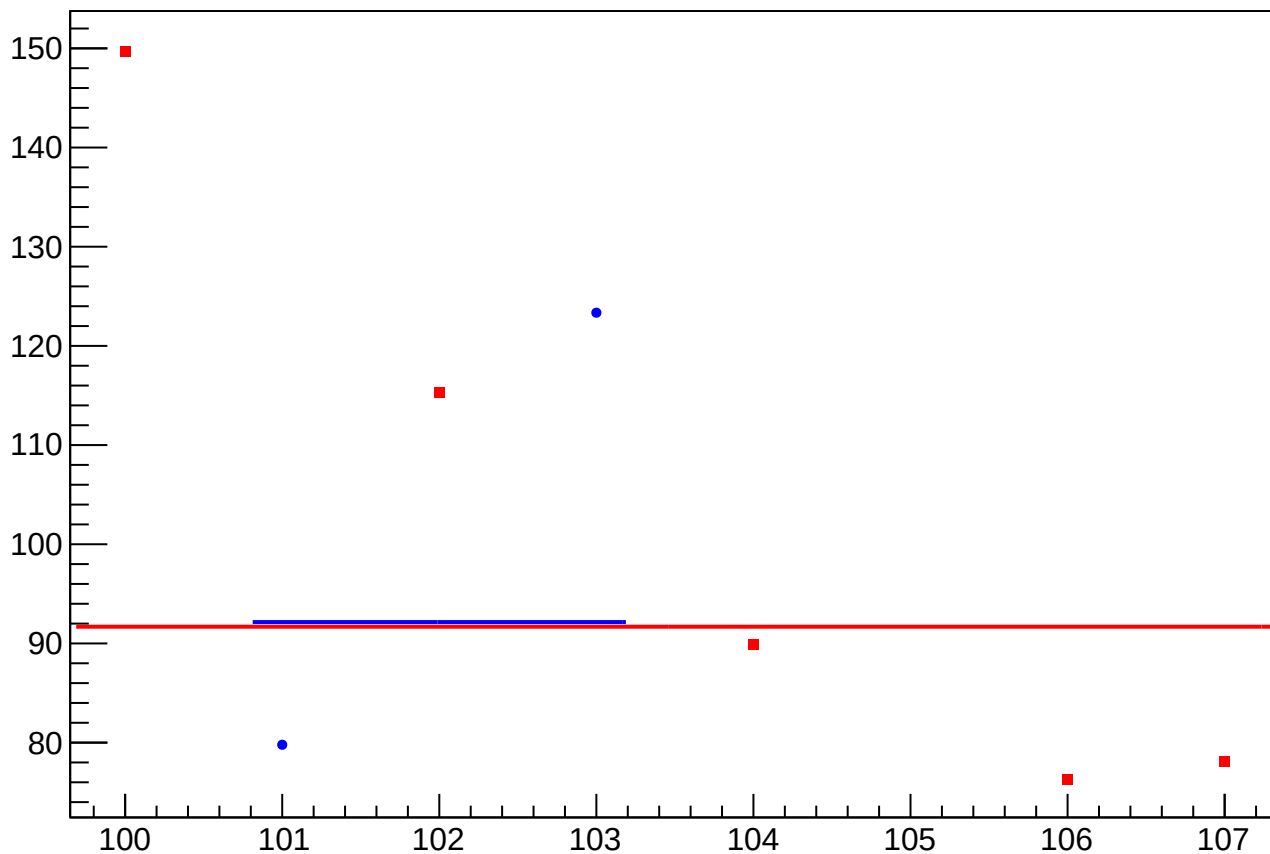
Right: 137.770 $\pm$ 54.752 χ^2 /NDF: 8.3/6

In: 192.073 $\pm$ 84.616 χ^2 /NDF: 2.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 137.770 $\pm$ 54.752 χ^2 /NDF: 8.3/6

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 92.153+/-0.060 χ^2/NDF : 107790.8/1

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

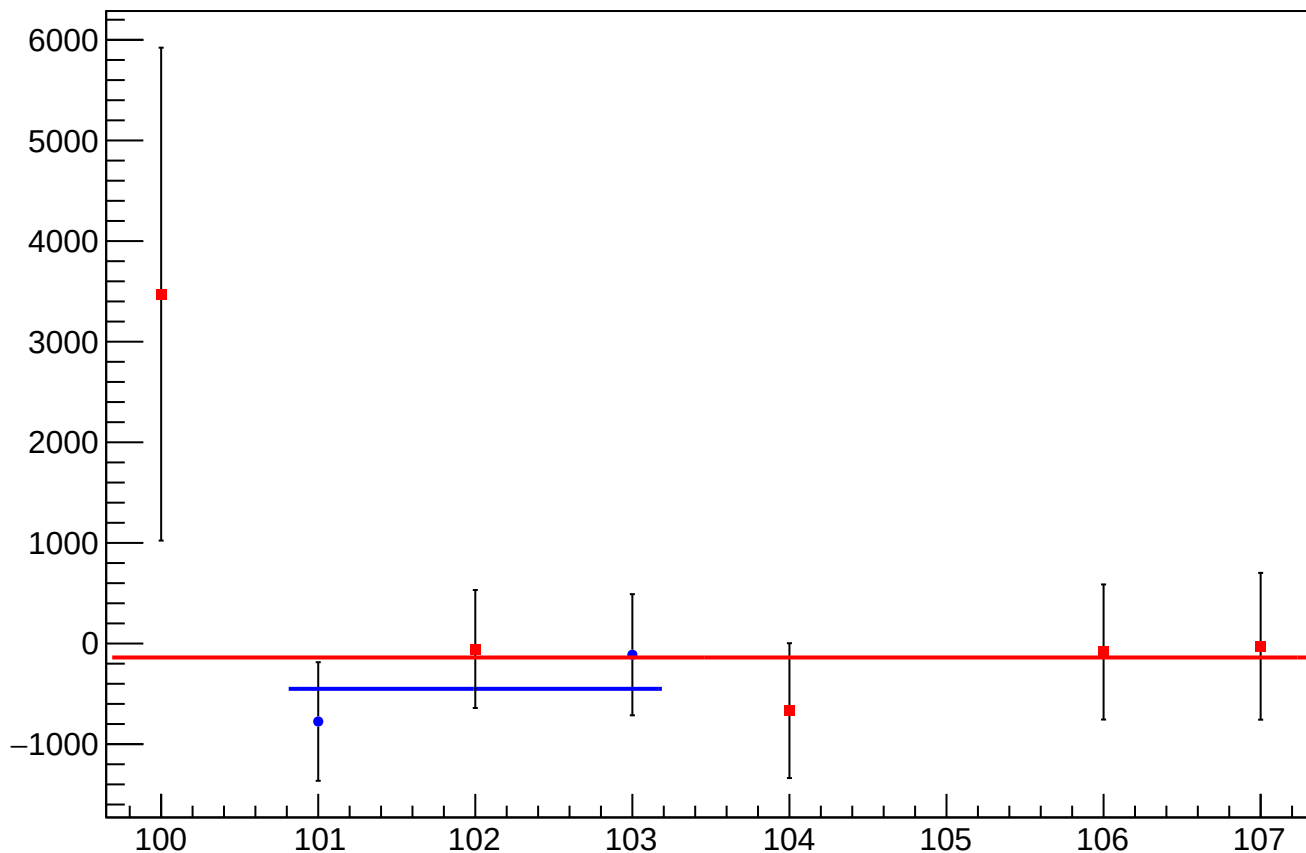
Right: 91.882+/-0.039 χ^2/NDF : 218828.9/6

In: 92.153+/-0.060 χ^2/NDF : 107790.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.882+/-0.039 χ^2/NDF : 218828.9/6

asym_sam_13_57_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -450.184+/-421.129 χ^2/NDF : 0.6/1

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

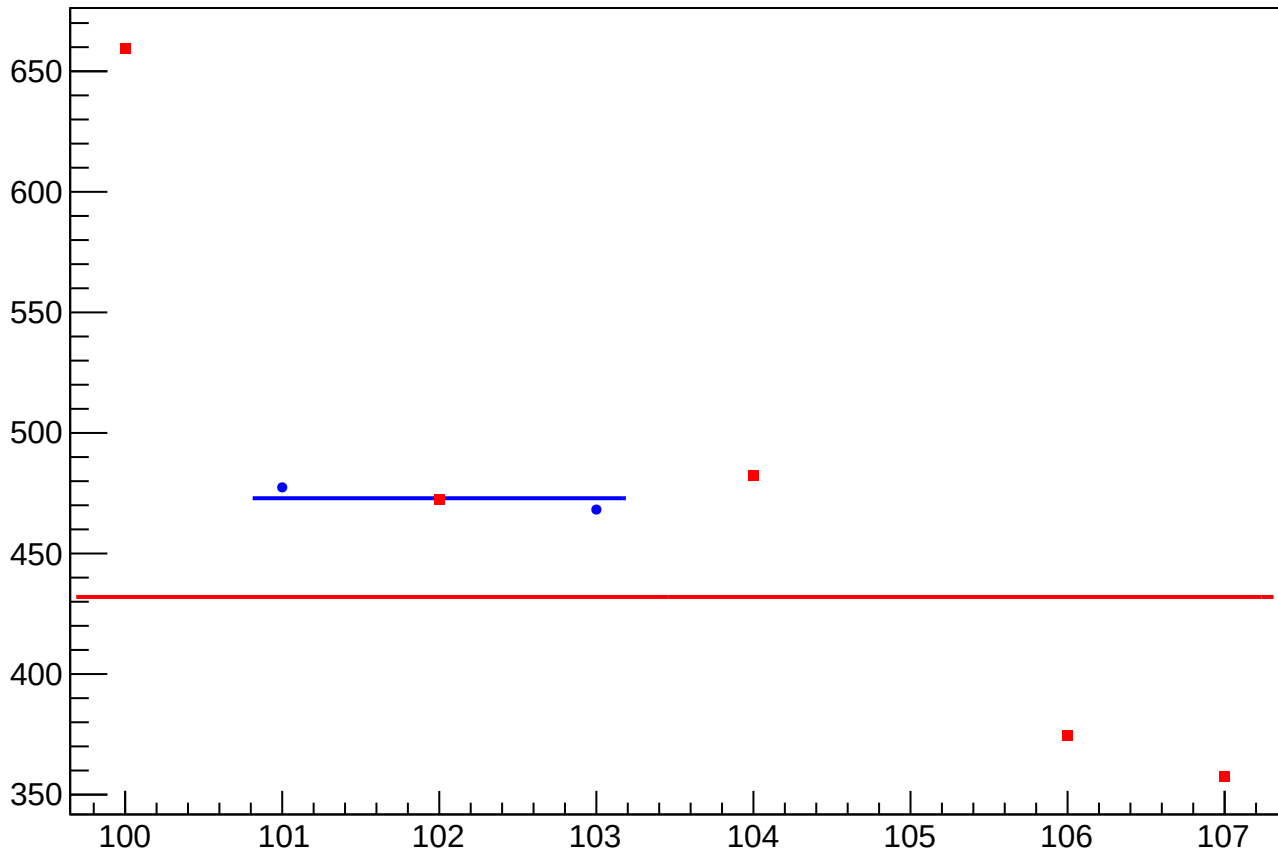
Right: -255.436+/-257.874 χ^2/NDF : 3.8/6

In: -450.184+/-421.129 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -255.436+/-257.874 χ^2/NDF : 3.8/6

asym_sam_13_57_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 472.922+/-0.298 χ^2/NDF : 238.9/1

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

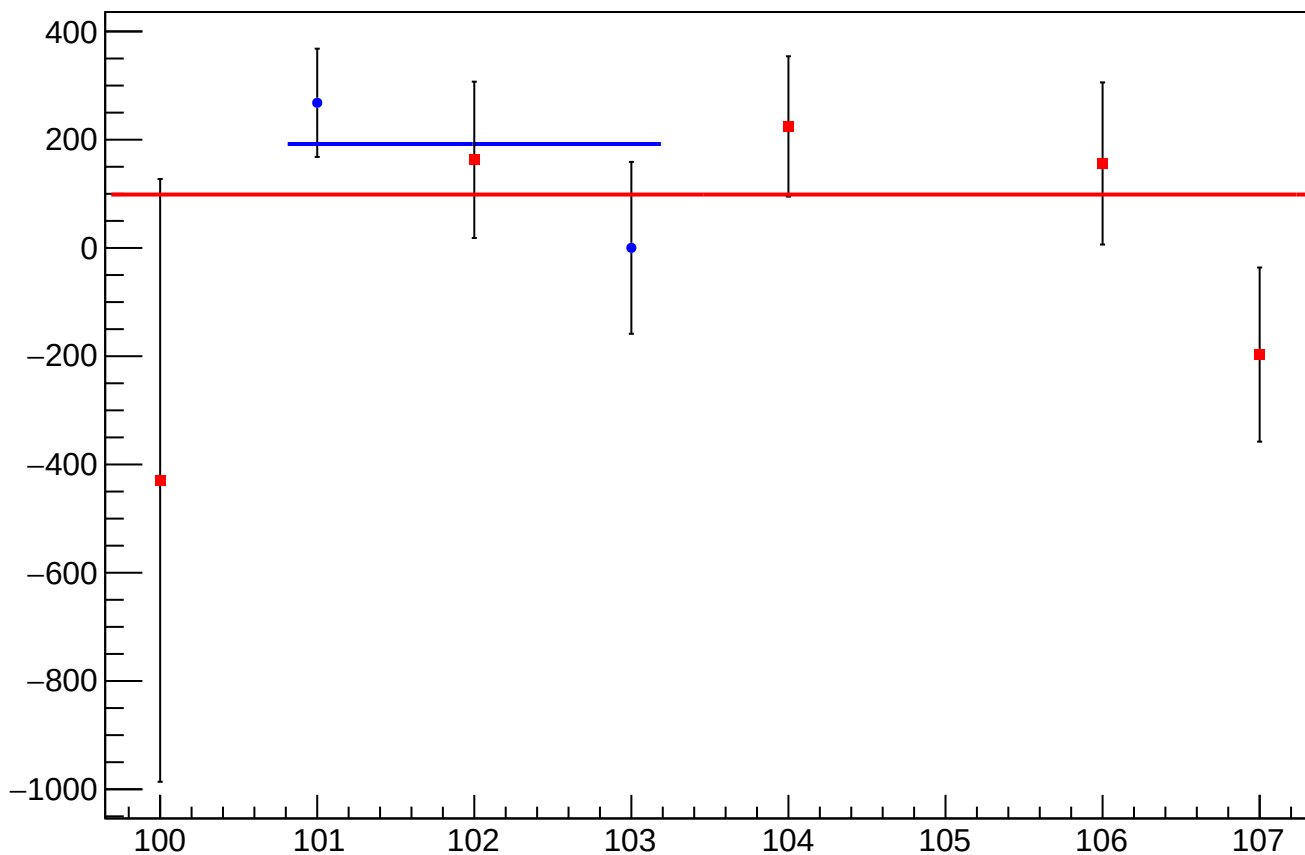
Right: 447.329+/-0.182 χ^2/NDF : 85605.5/6

In: 472.922+/-0.298 χ^2/NDF : 238.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 447.329+/-0.182 χ^2/NDF : 85605.5/6

eigen_dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 192.077 $\pm$ 84.616 χ^2 /NDF: 2.0/1

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

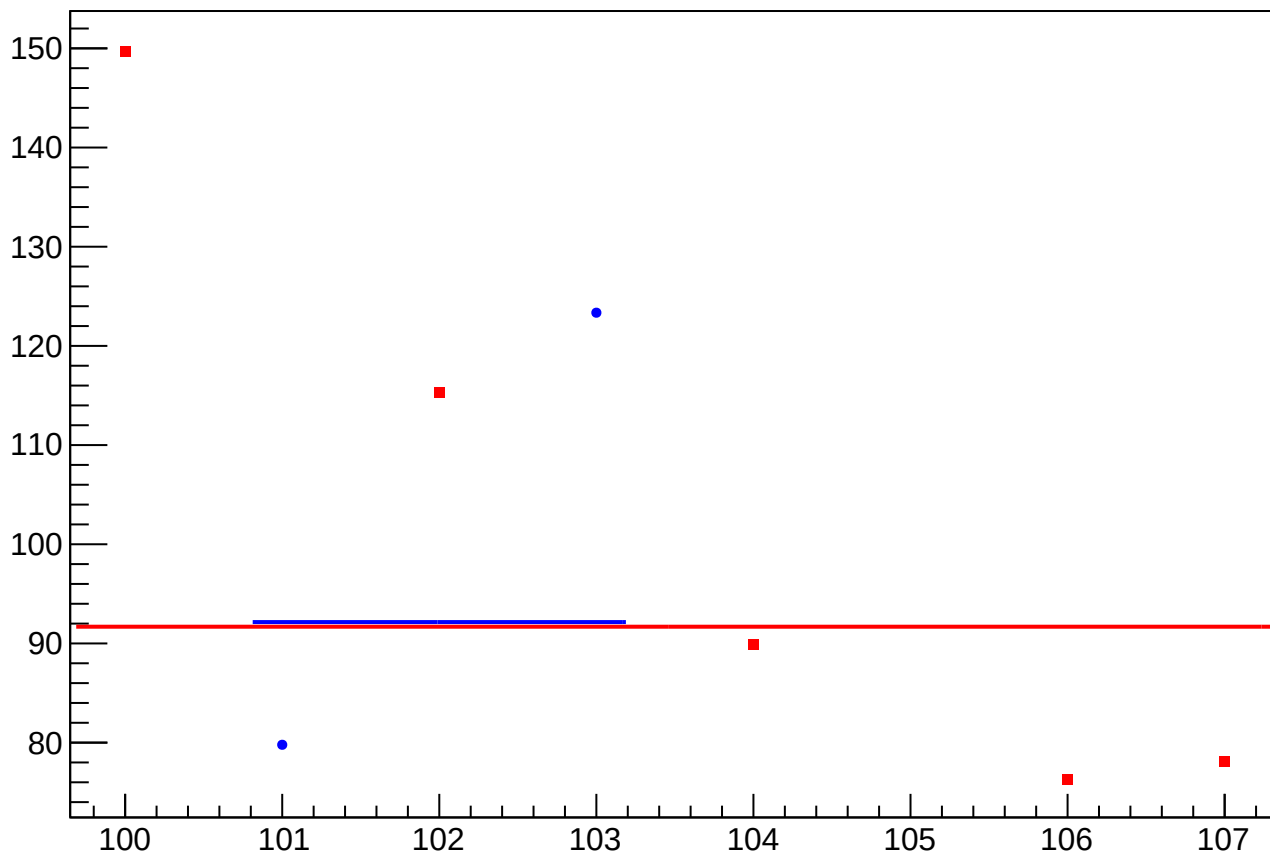
Right: 137.771 $\pm$ 54.753 χ^2 /NDF: 8.3/6

In: 192.077 $\pm$ 84.616 χ^2 /NDF: 2.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 137.771 $\pm$ 54.753 χ^2 /NDF: 8.3/6

eigen_dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 92.154+/-0.060 χ^2/NDF : 107791.9/1

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

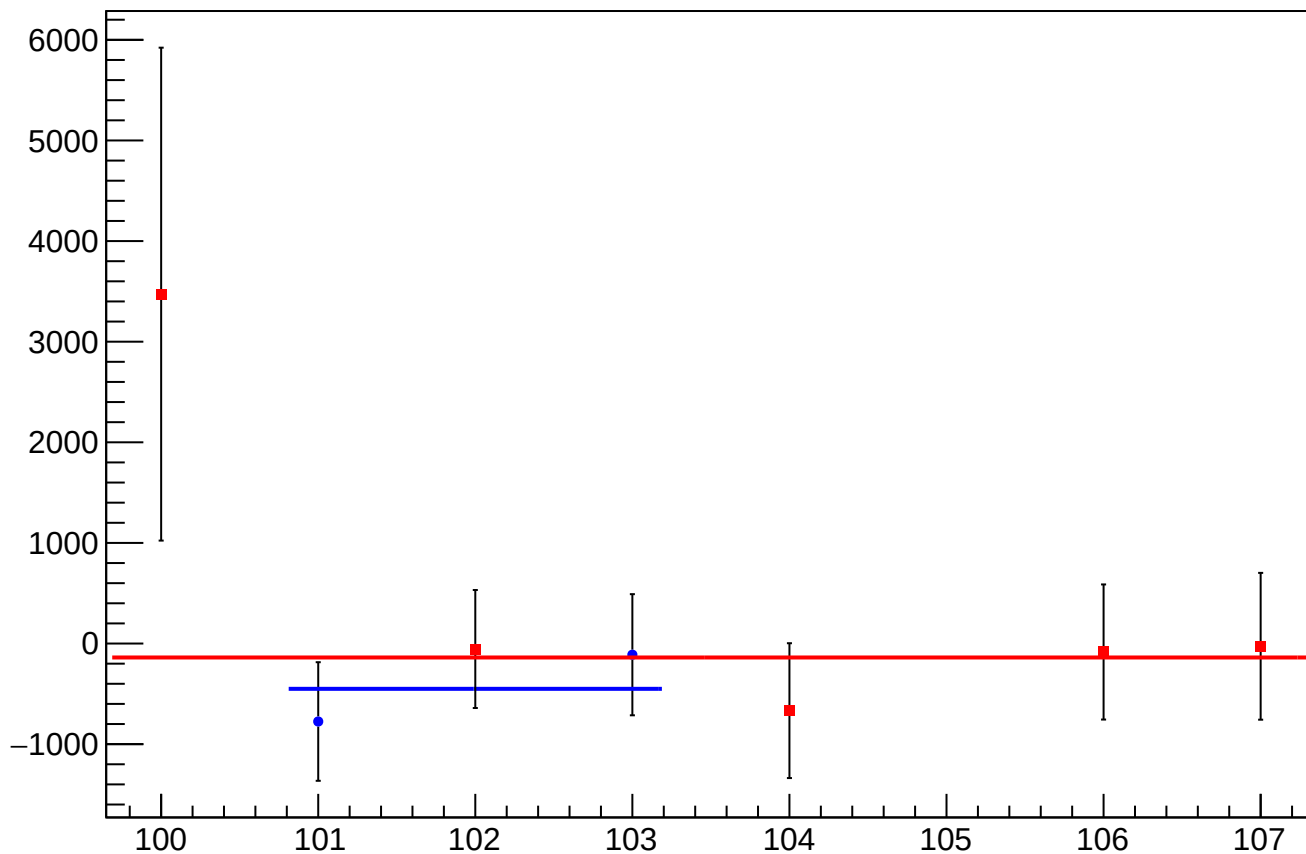
Right: 91.883+/-0.039 χ^2/NDF : 218831.2/6

In: 92.154+/-0.060 χ^2/NDF : 107791.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.883+/-0.039 χ^2/NDF : 218831.2/6

asym_sam_13_57_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -450.182+/-421.127 χ^2/NDF : 0.6/1

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

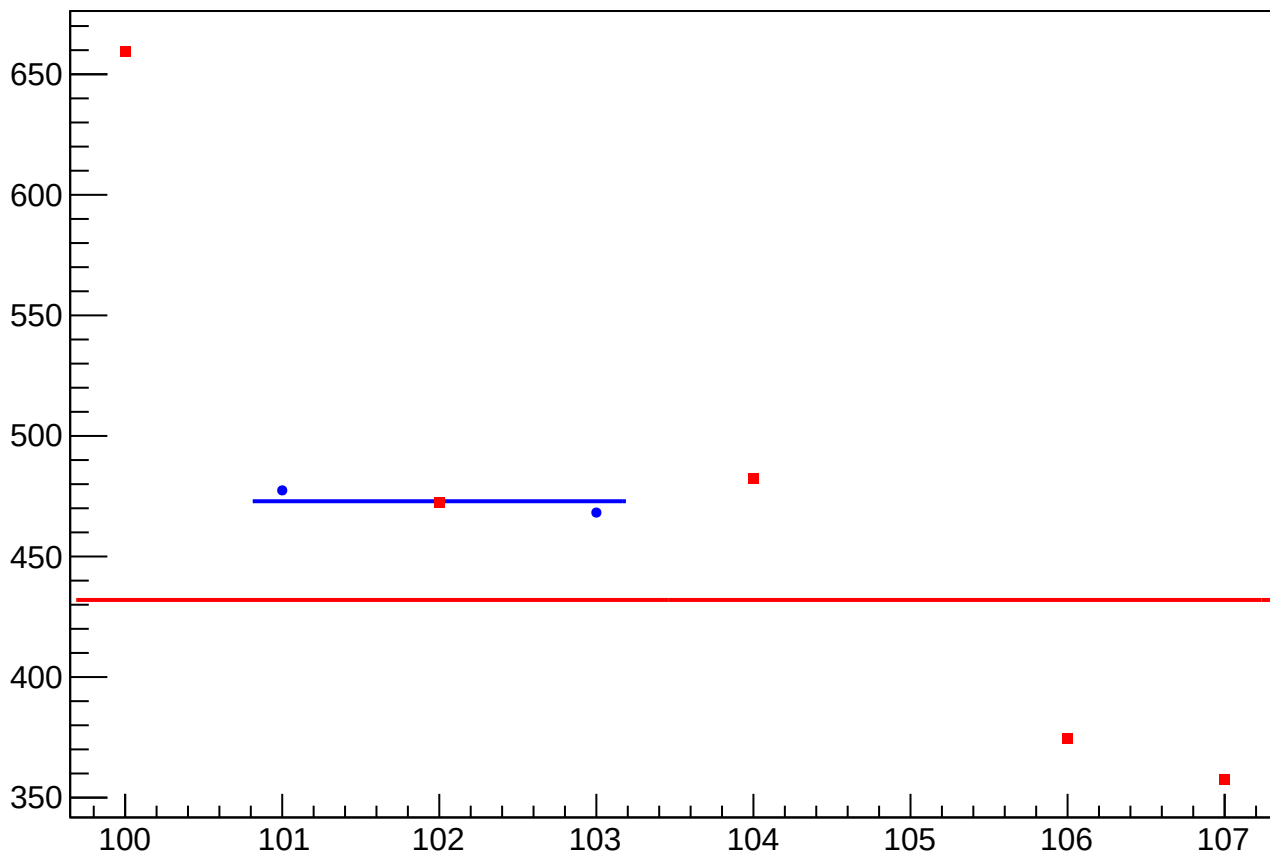
Right: -255.436+/-257.873 χ^2/NDF : 3.8/6

In: -450.182+/-421.127 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -255.436+/-257.873 χ^2/NDF : 3.8/6

asym_sam_13_57_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 472.920+/-0.298 χ^2/NDF : 238.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 431.976+/-0.231 χ^2/NDF : 73547.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

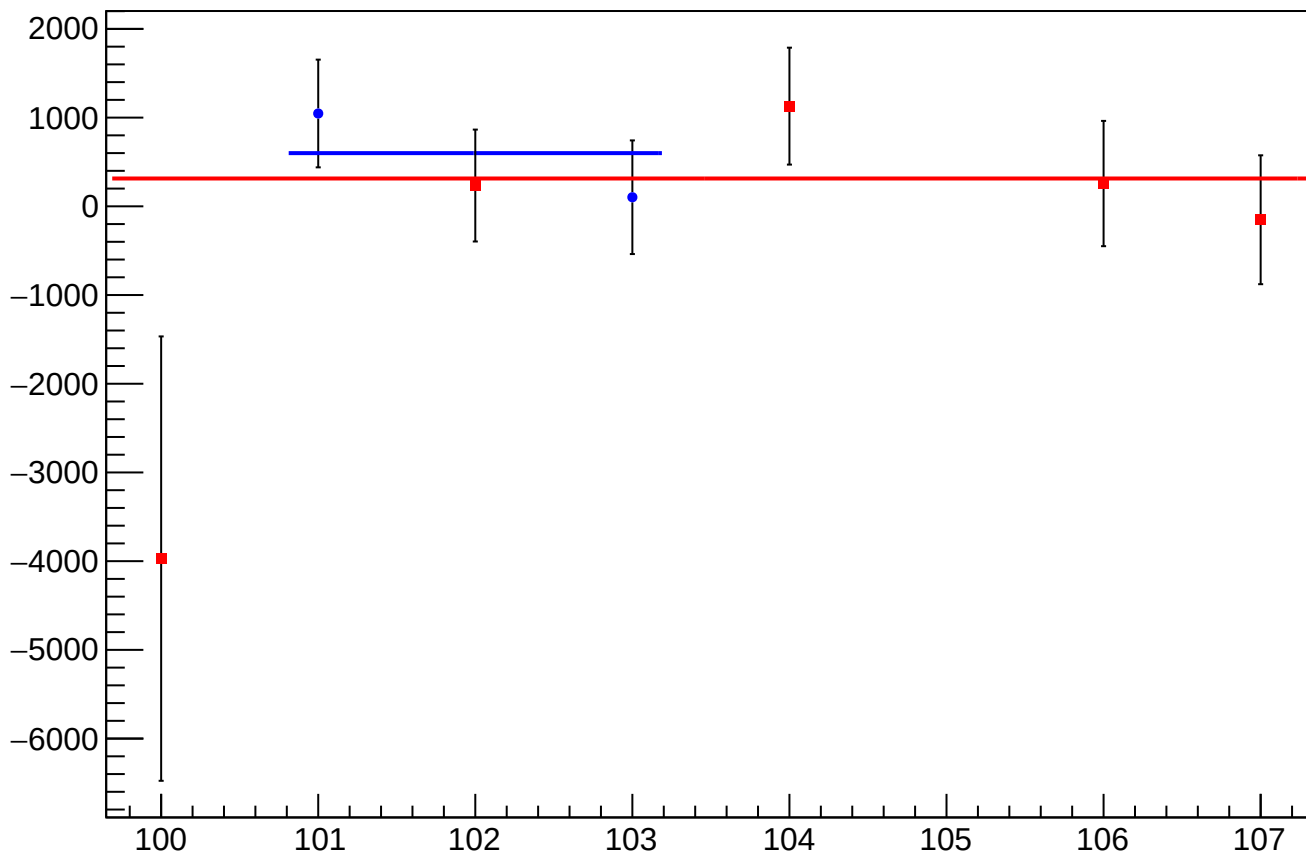
Right: 447.328+/-0.182 χ^2/NDF : 85603.5/6

In: 472.920+/-0.298 χ^2/NDF : 238.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 447.328+/-0.182 χ^2/NDF : 85603.5/6

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 599.630 $\pm$ 440.662 χ^2 /NDF: 1.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 313.692 $\pm$ 335.646 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

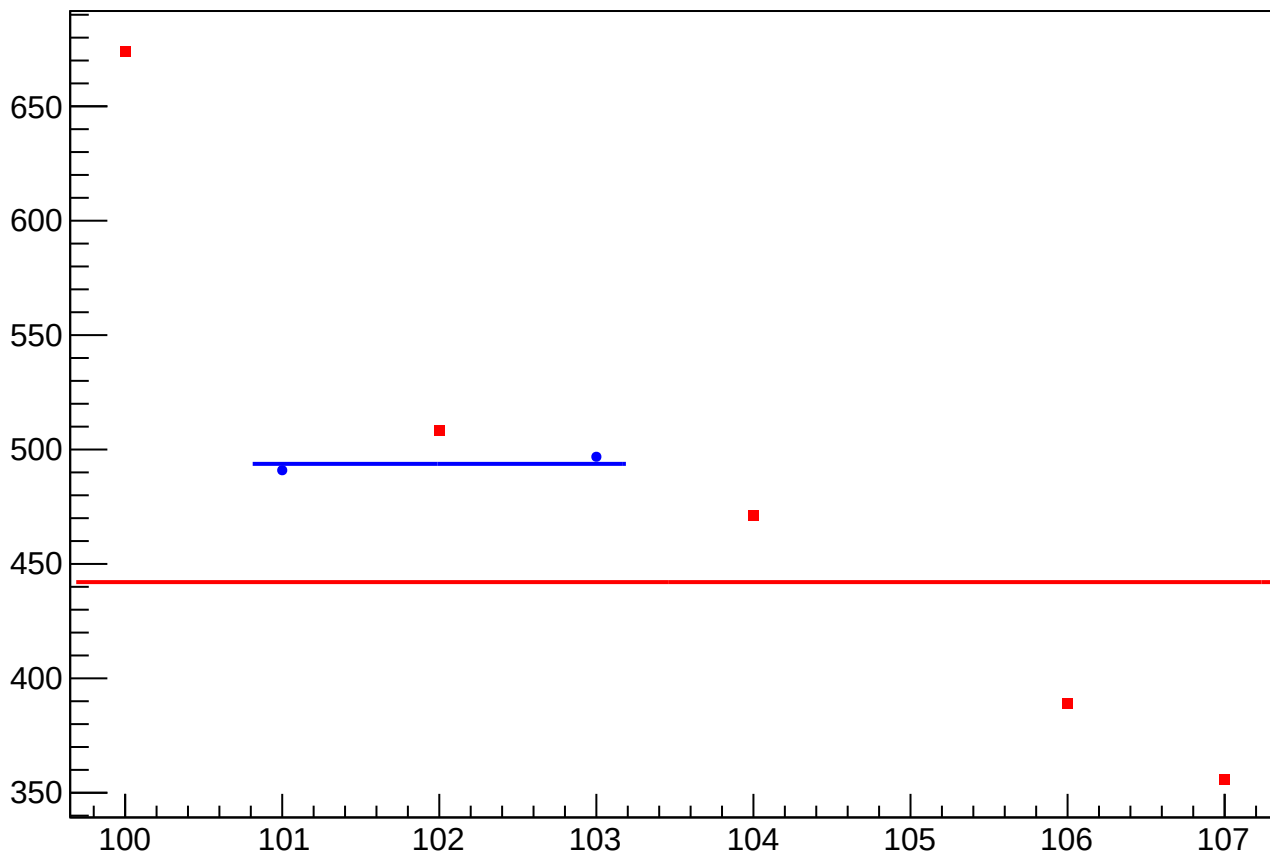
Right: 418.676 $\pm$ 267.012 χ^2 /NDF: 6.3/6

In: 599.630 $\pm$ 440.662 χ^2 /NDF:1.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 418.676 $\pm$ 267.012 χ^2 /NDF: 6.3/6

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 493.735 $\pm$ 0.312 χ^2 /NDF: 89.0/1

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

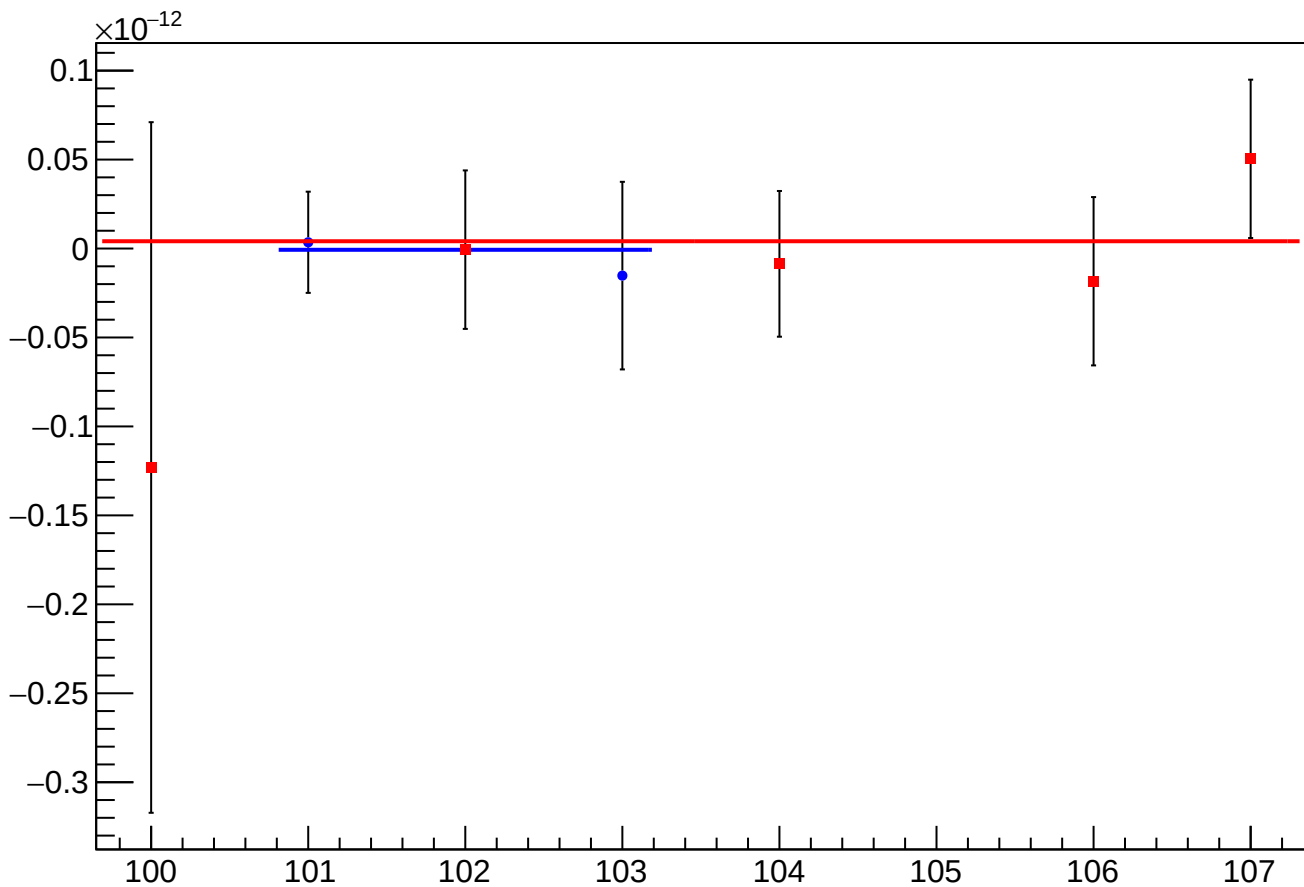
Right: 461.033 $\pm$ 0.189 χ^2 /NDF: 100065.3/6

In: 493.735 $\pm$ 0.312 χ^2 /NDF: 89.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 461.033 $\pm$ 0.189 χ^2 /NDF: 100065.3/6

asym_sam_13_57_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/1

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

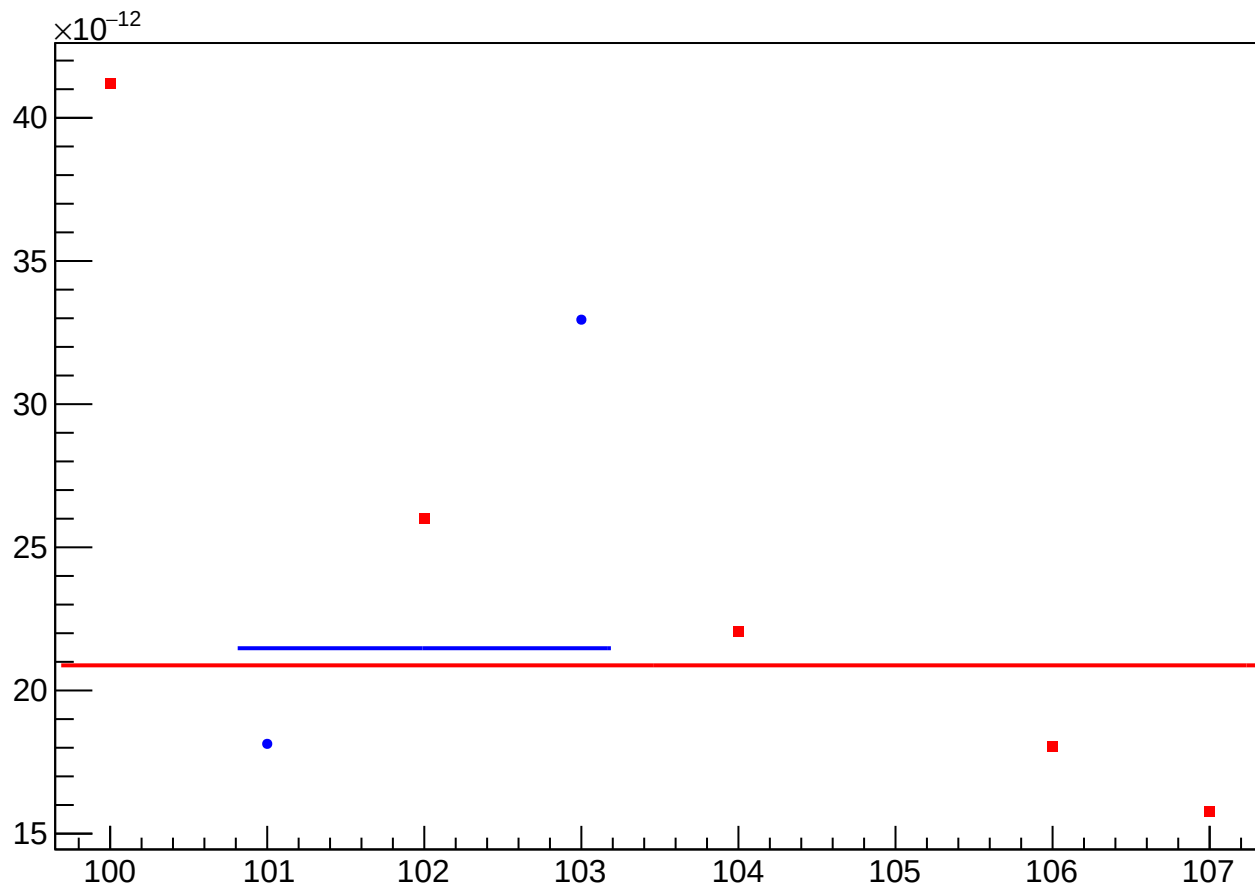
Right: 0.000+/-0.000 χ^2/NDF : 2.0/6

In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2.0/6

asym_sam_13_57_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 122306.5/1

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

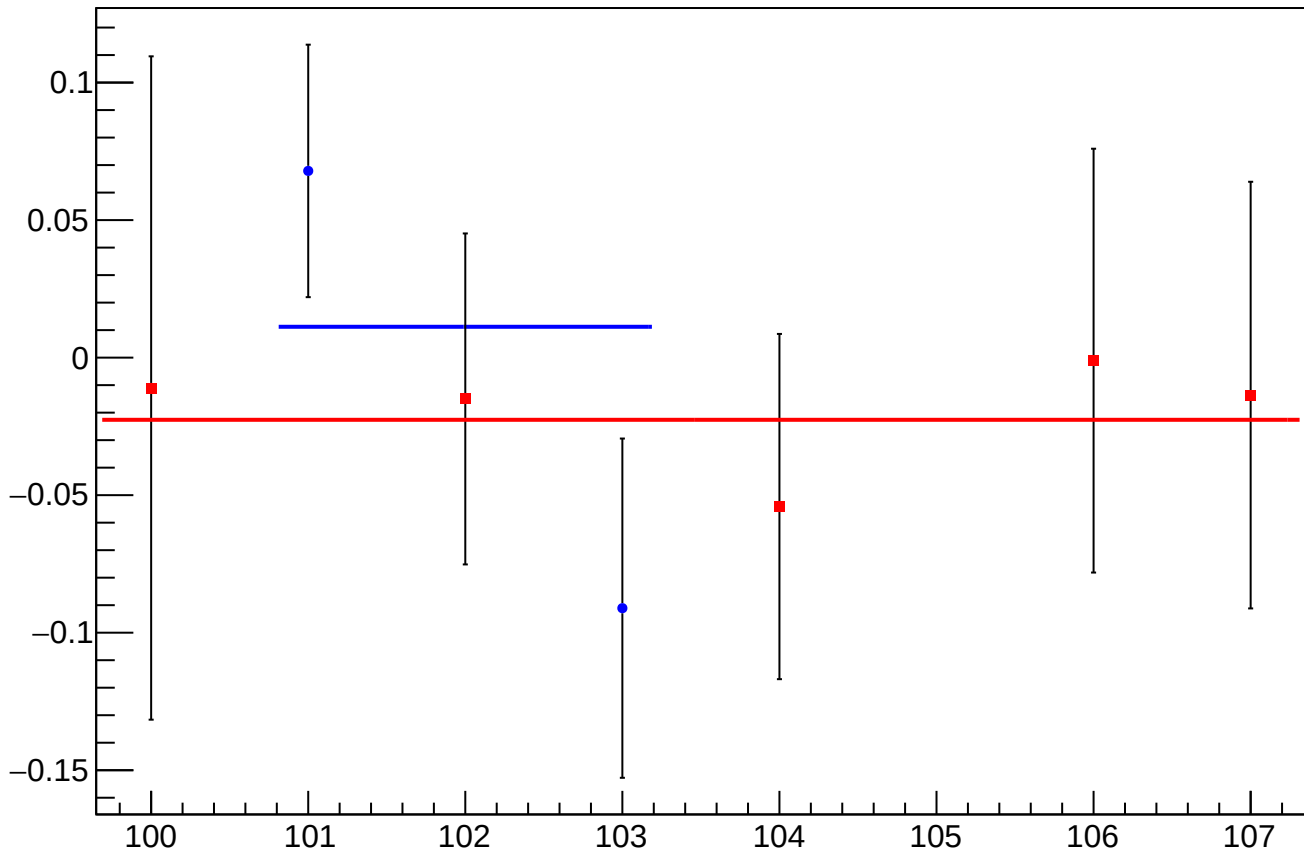
Right: 0.000+/-0.000 χ^2/NDF : 206744.4/6

In: 0.000+/-0.000 χ^2/NDF : 122306.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 206744.4/6

asym_sam_13_57_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011 $\pm$ 0.037 χ^2 /NDF: 4.3/1

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

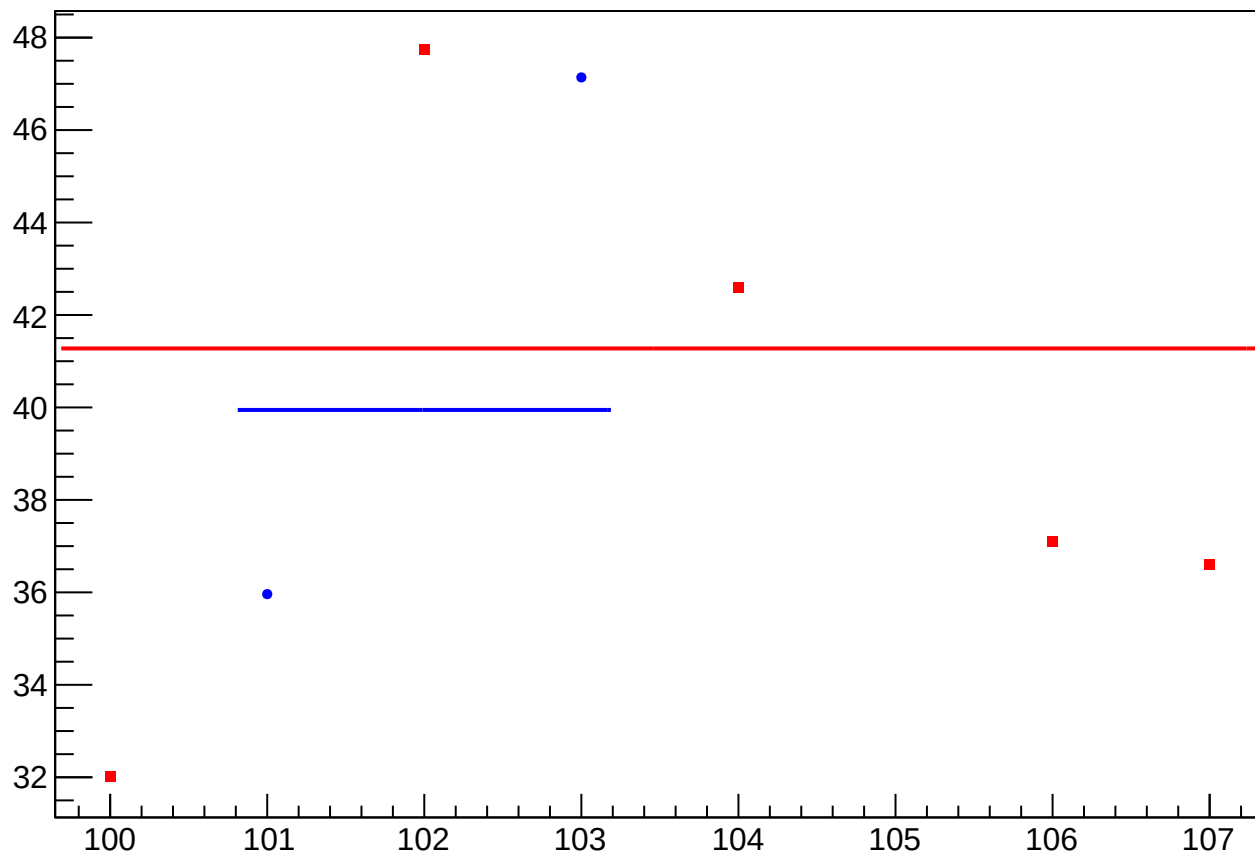
Right: -0.008 $\pm$ 0.024 χ^2 /NDF: 5.1/6

In: 0.011 $\pm$ 0.037 χ^2 /NDF:4.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.024 χ^2 /NDF: 5.1/6

asym_sam_13_57_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.946+/-0.026 χ^2/NDF : 42279.4/1

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

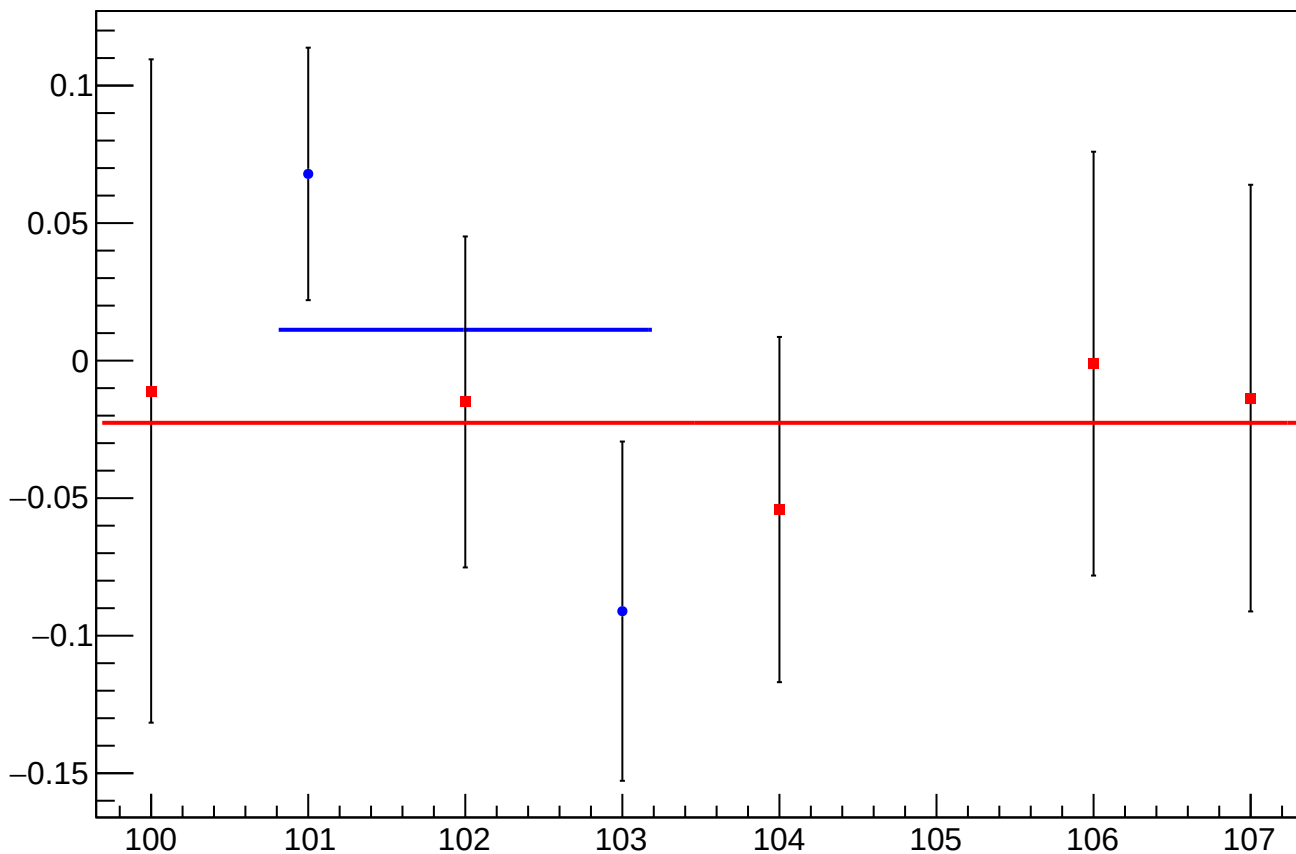
Right: 40.689+/-0.017 χ^2/NDF : 92647.9/6

In: 39.946+/-0.026 χ^2/NDF : 42279.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.689+/-0.017 χ^2/NDF : 92647.9/6

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011 $\pm$ 0.037 χ^2 /NDF: 4.3/1

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

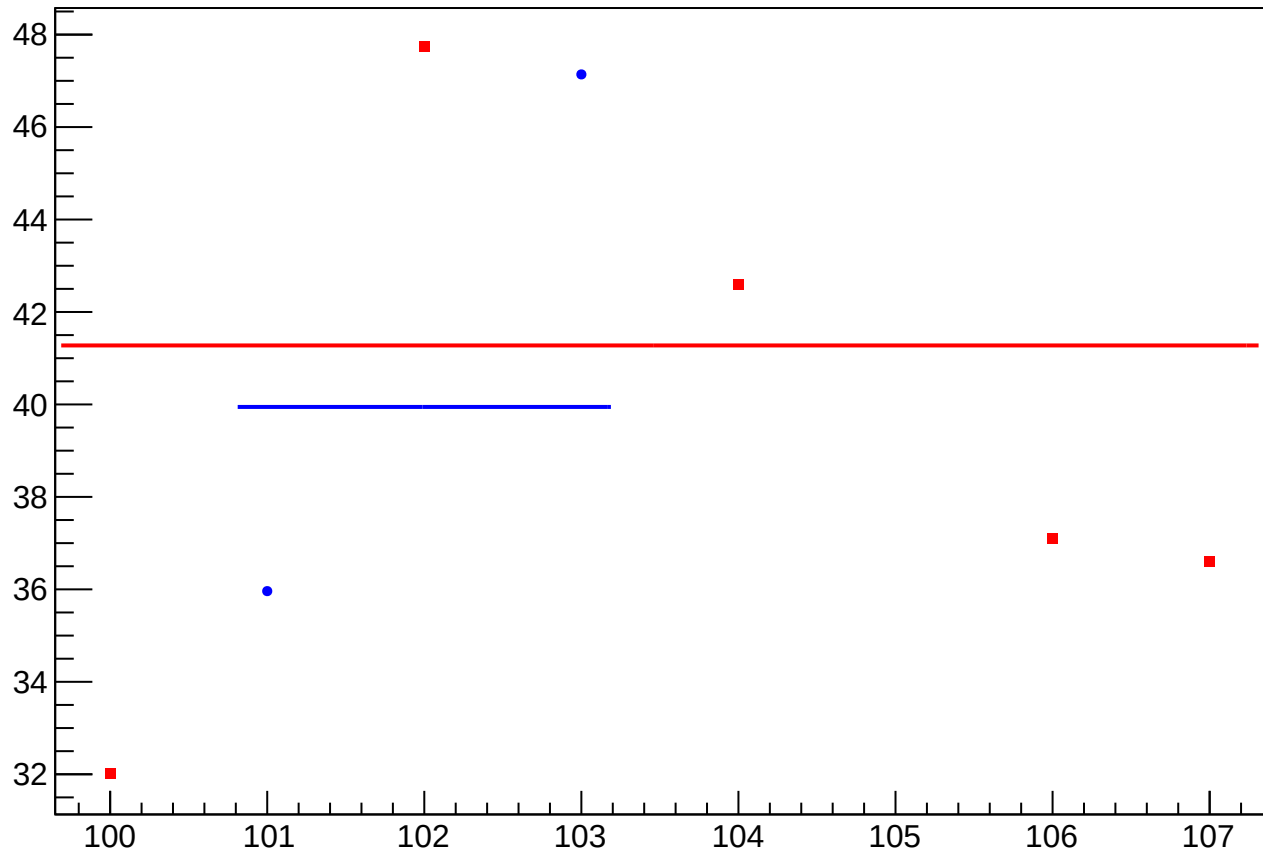
Right: -0.008 $\pm$ 0.024 χ^2 /NDF: 5.1/6

In: 0.011 $\pm$ 0.037 χ^2 /NDF:4.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.024 χ^2 /NDF: 5.1/6

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.946+/-0.026 χ^2/NDF : 42279.4/1

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

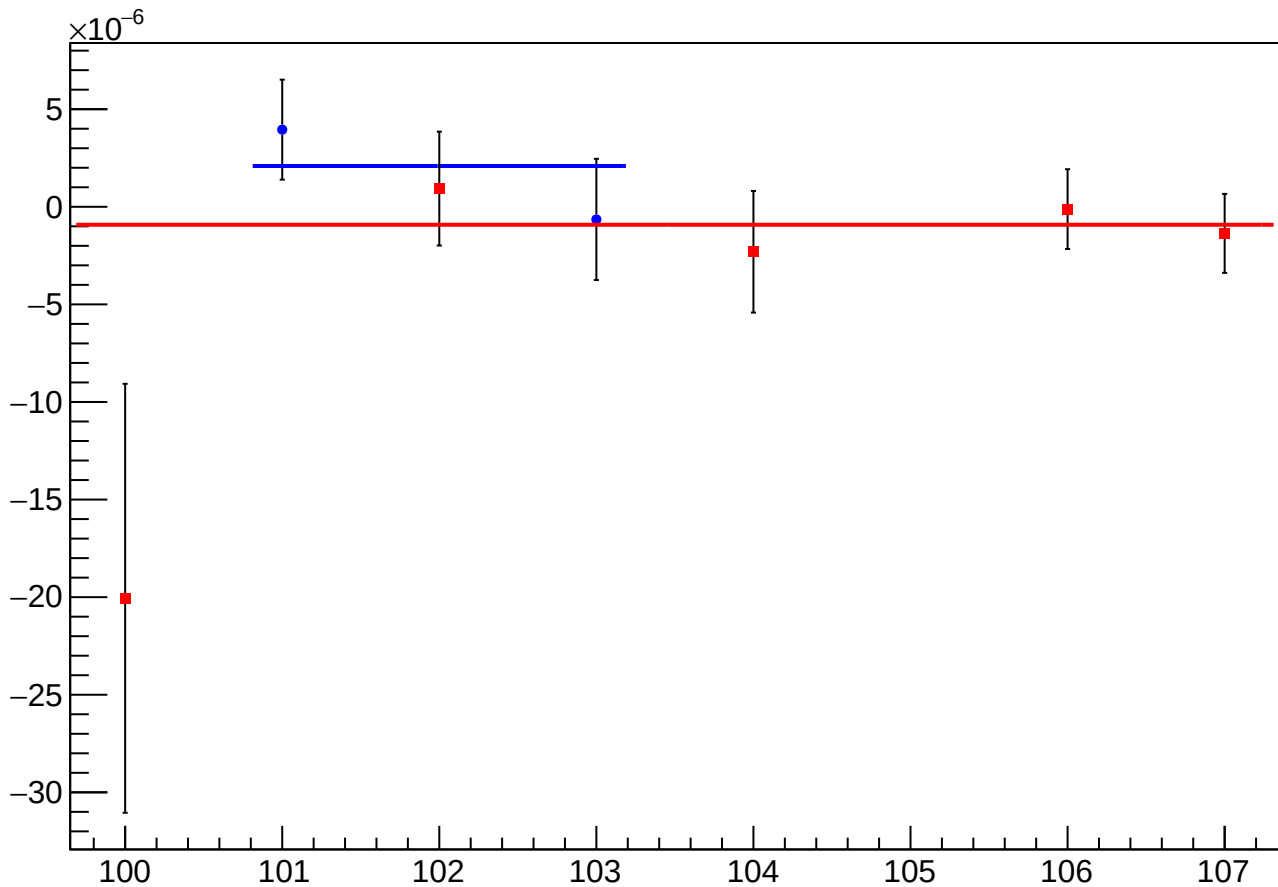
Right: 40.689+/-0.017 χ^2/NDF : 92647.9/6

In: 39.946+/-0.026 χ^2/NDF : 42279.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.689+/-0.017 χ^2/NDF : 92647.9/6

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.3/1

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

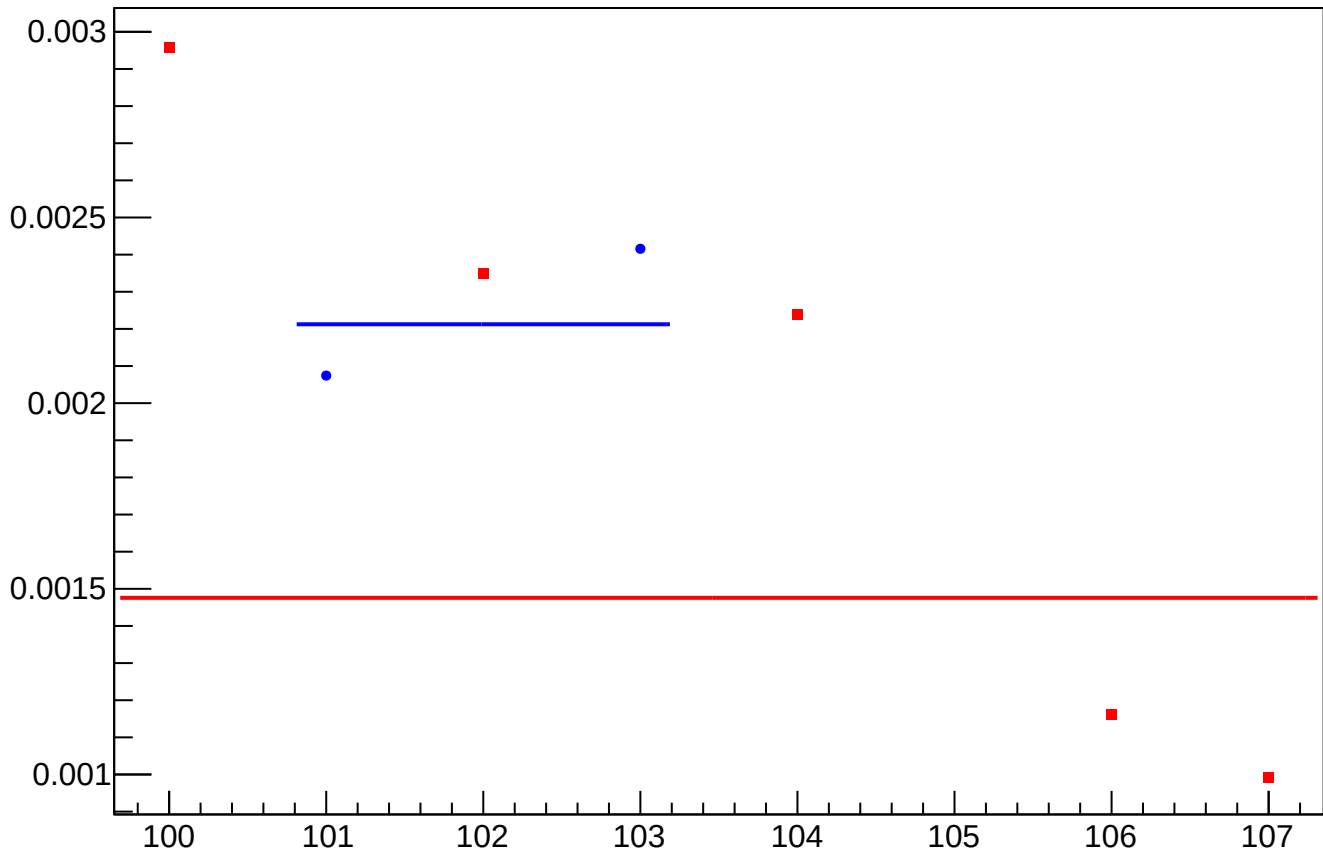
Right: -0.000+/-0.000 χ^2/NDF : 6.8/6

In: 0.000+/-0.000 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.8/6

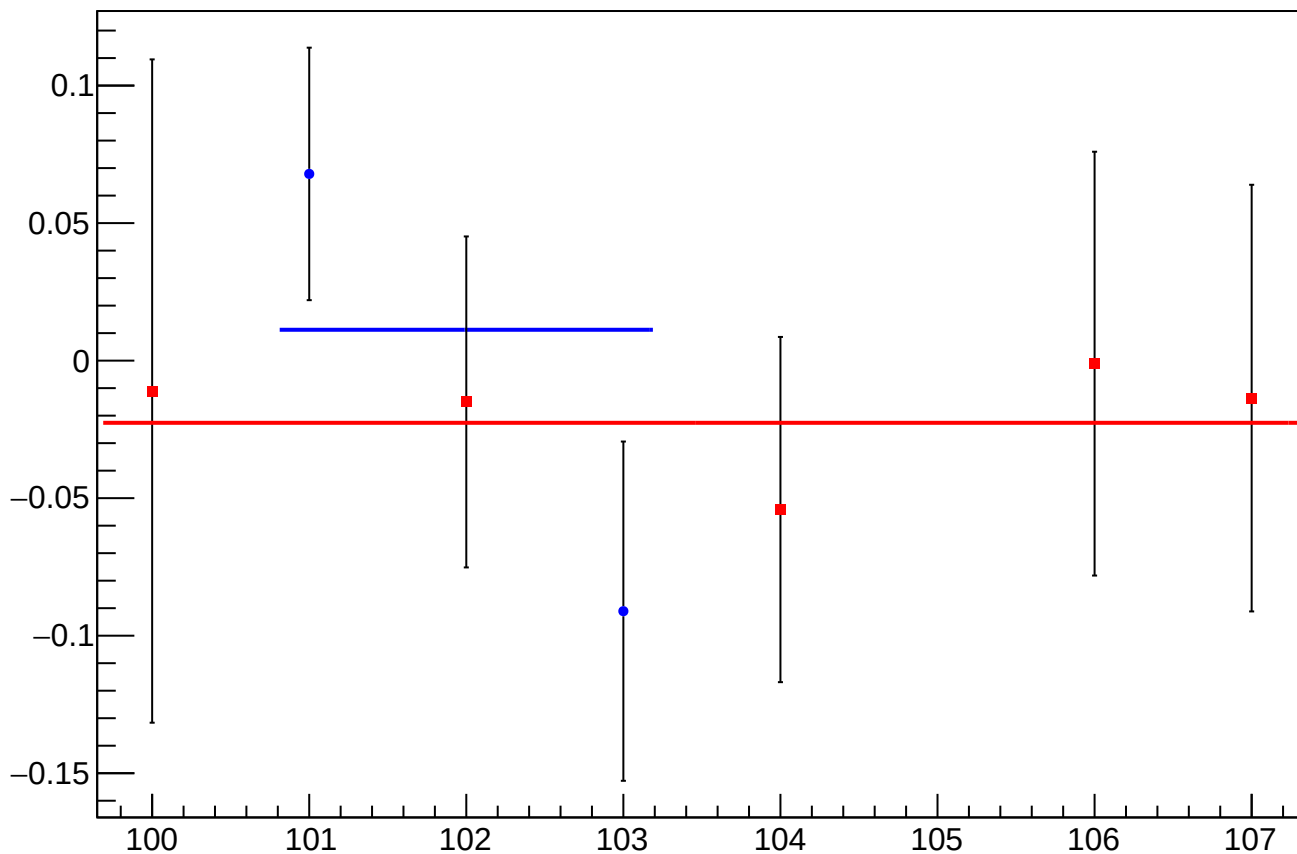
asym_sam_13_57_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 14390.8/1
 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 : 716133.3/6
 In: 0.002+/-0.000 χ^2/NDF : 14390.8/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.002+/-0.000 χ^2/NDF : 716133.3/6

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011 $\pm$ 0.037 χ^2 /NDF: 4.3/1

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

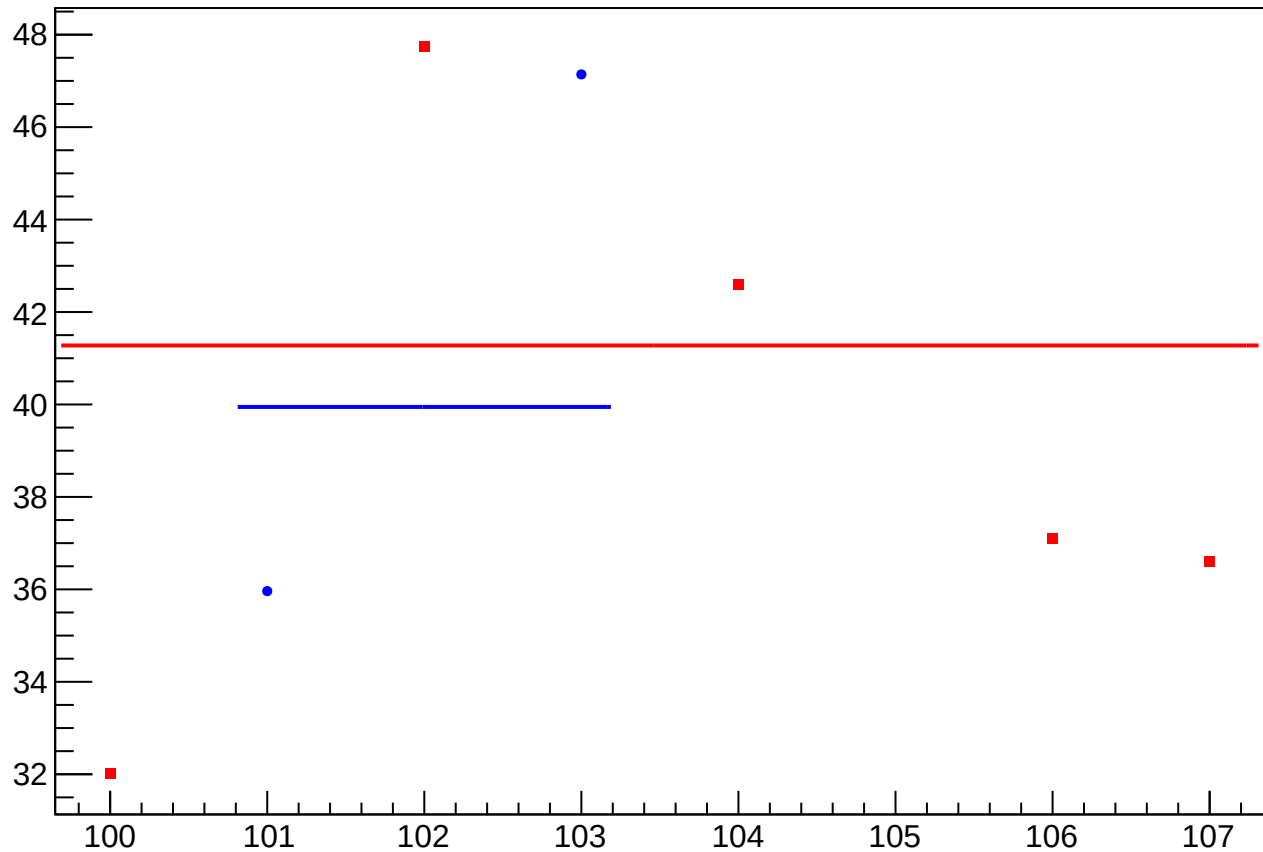
Right: -0.008 $\pm$ 0.024 χ^2 /NDF: 5.1/6

In: 0.011 $\pm$ 0.037 χ^2 /NDF:4.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.024 χ^2 /NDF: 5.1/6

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.947 $\pm$ 0.026 χ^2 /NDF: 42286.9/1

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

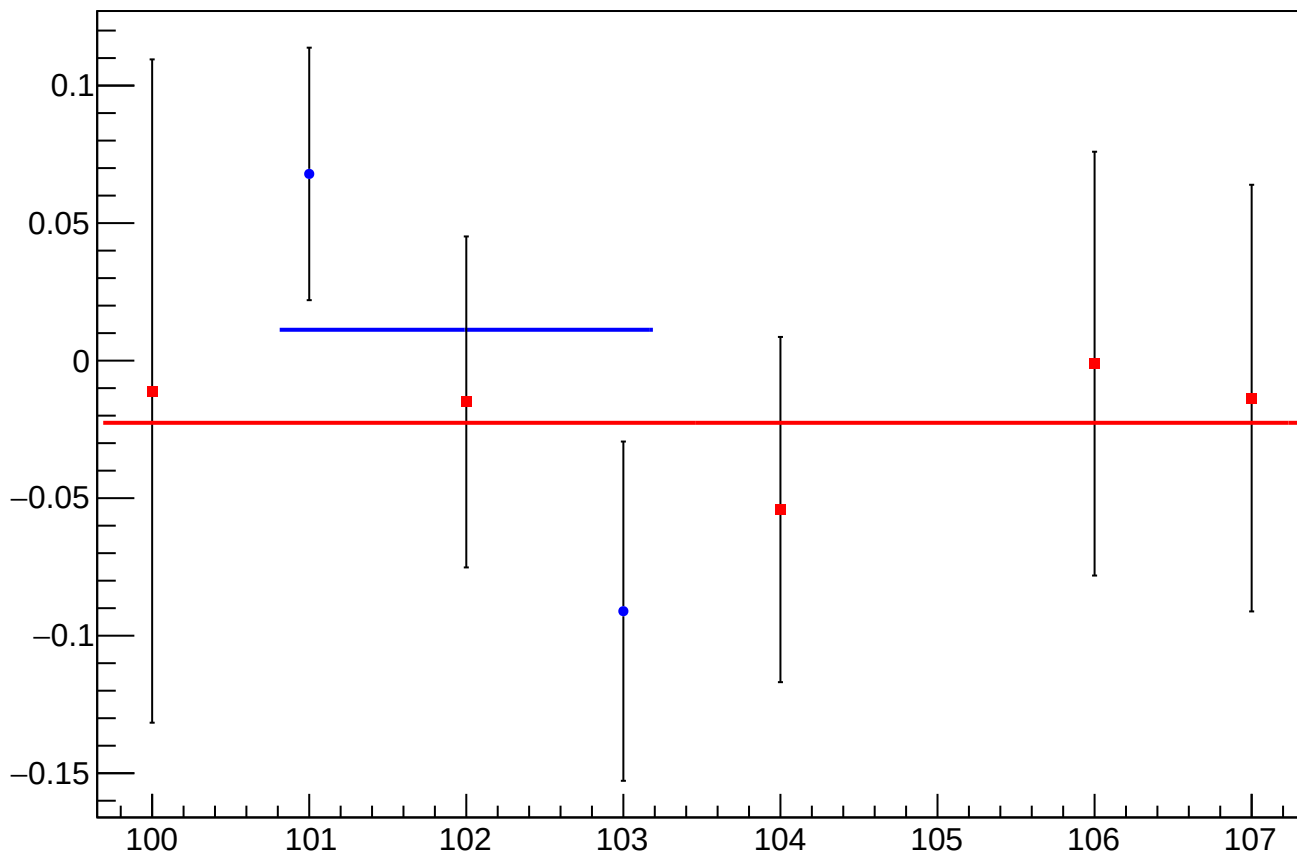
Right: 40.690 $\pm$ 0.017 χ^2 /NDF: 92660.2/6

In: 39.947 $\pm$ 0.026 χ^2 /NDF: 42286.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 40.690 $\pm$ 0.017 χ^2 /NDF: 92660.2/6

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.037 χ^2/NDF : 4.3/1

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

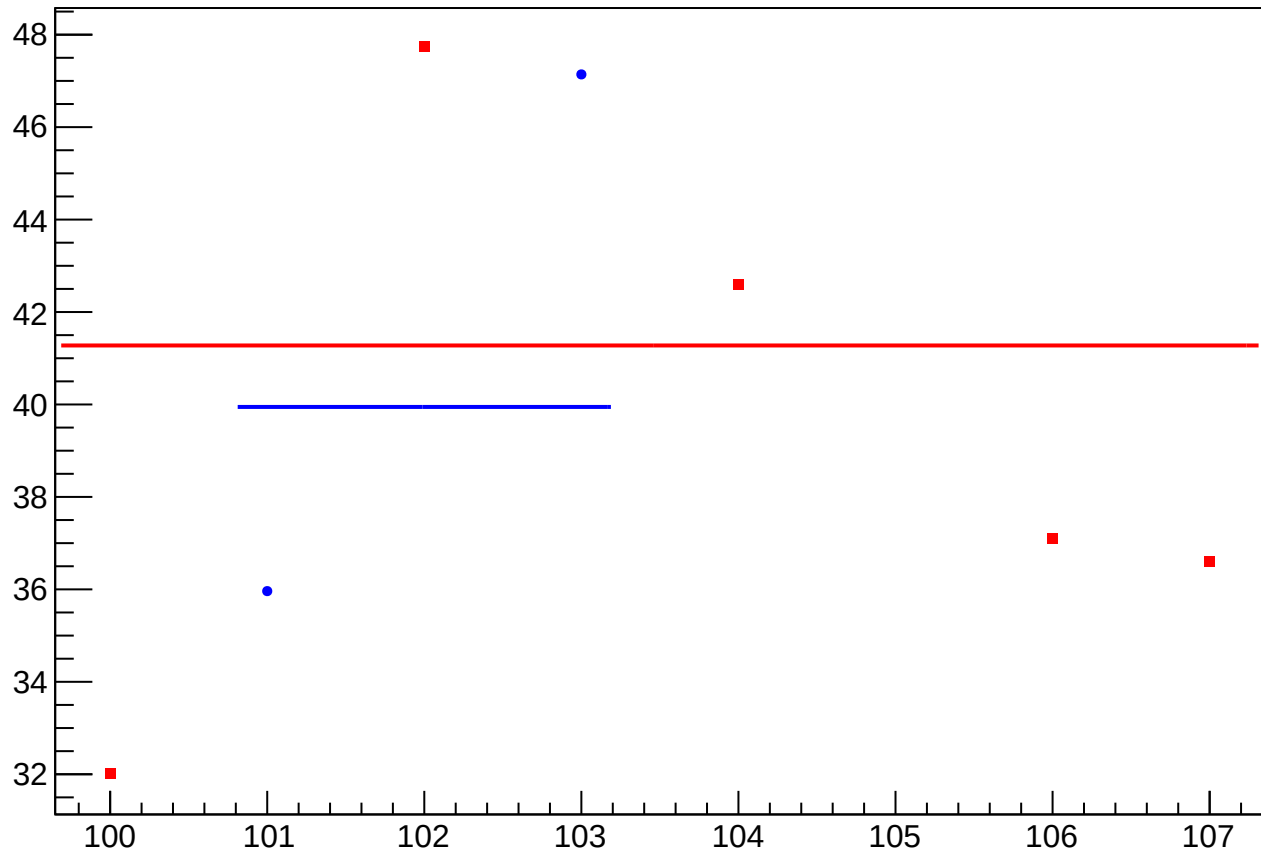
Right: -0.008+/-0.024 χ^2/NDF : 5.1/6

In: 0.011+/-0.037 χ^2/NDF : 4.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.024 χ^2/NDF : 5.1/6

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.947 $\pm$ 0.026 χ^2 /NDF: 42286.9/1

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

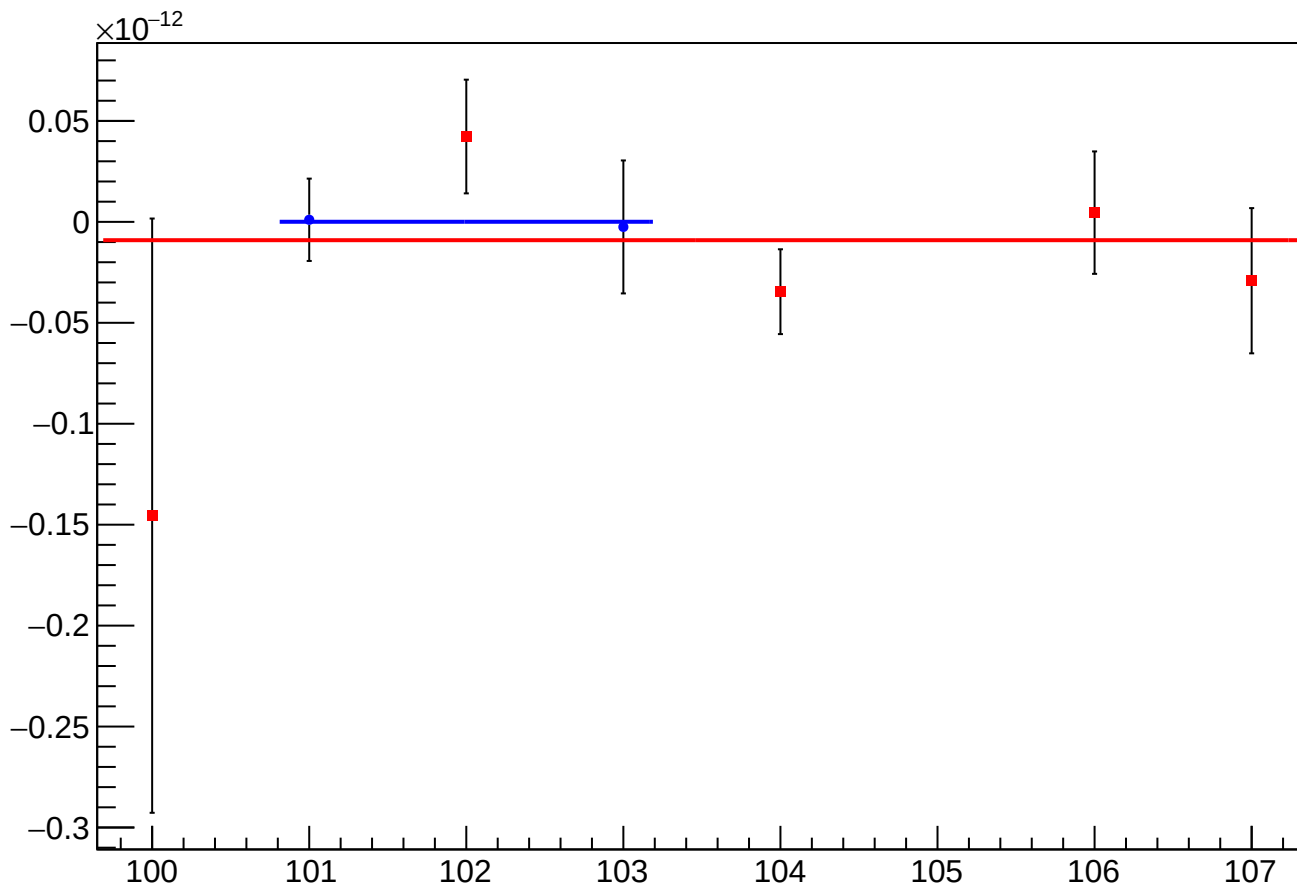
Right: 40.690 $\pm$ 0.017 χ^2 /NDF: 92660.2/6

In: 39.947 $\pm$ 0.026 χ^2 /NDF: 42286.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 40.690 $\pm$ 0.017 χ^2 /NDF: 92660.2/6

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/1

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

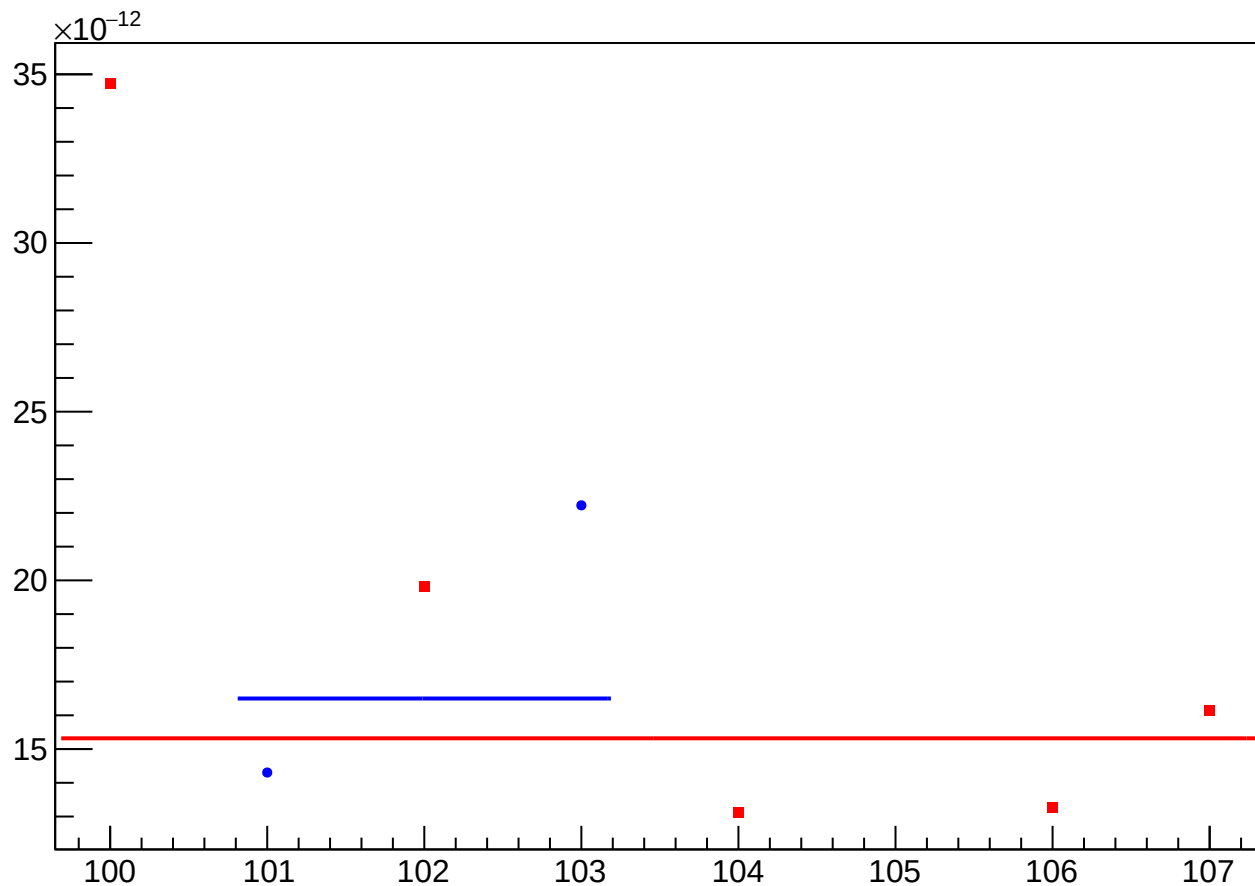
Right: -0.000+/-0.000 χ^2/NDF : 6.4/6

In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.4/6

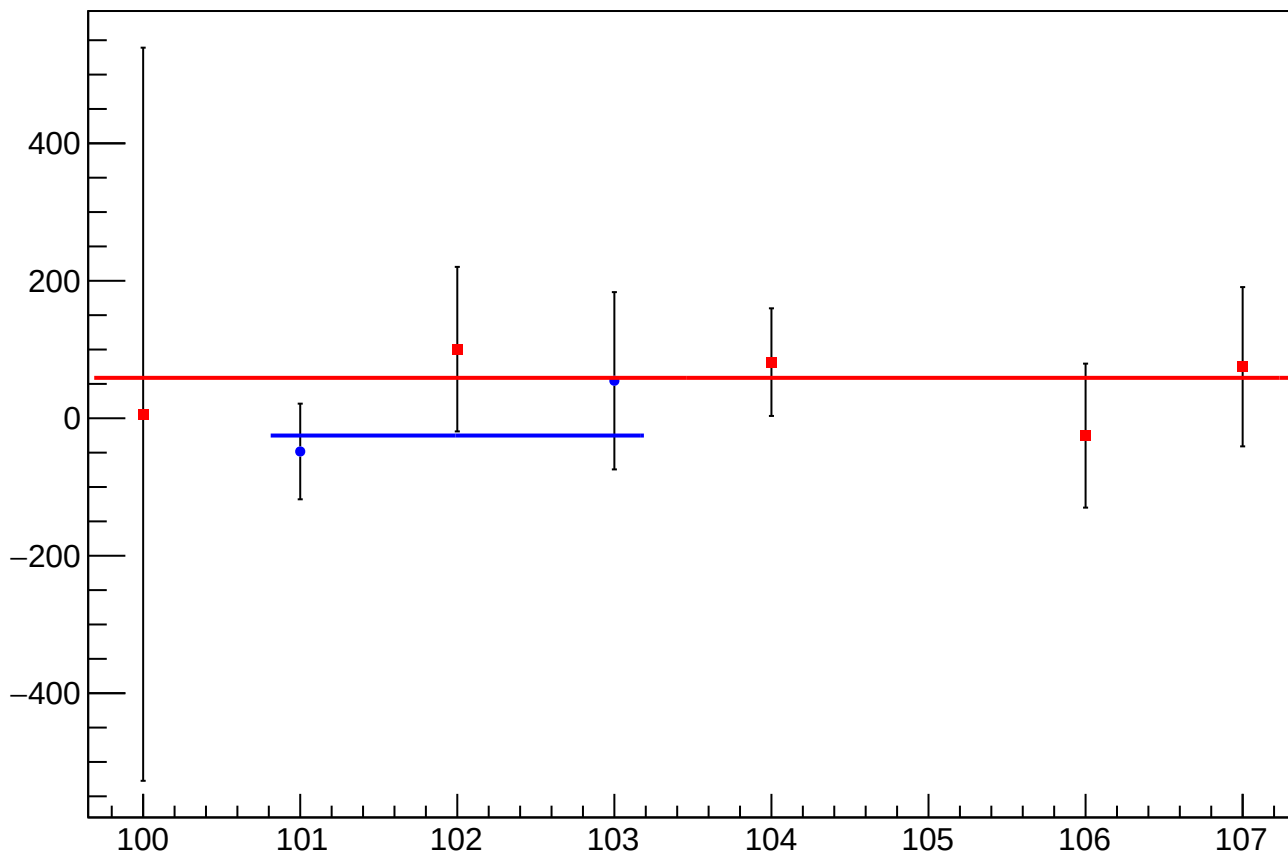
asym_sam_13_57_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 83610.0/1
 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 : 207008.8/6
 In: 0.000+/-0.000 χ^2/NDF :83610.0/1
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 207008.8/6

reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -25.121+/-61.234 χ^2/NDF : 0.5/1

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

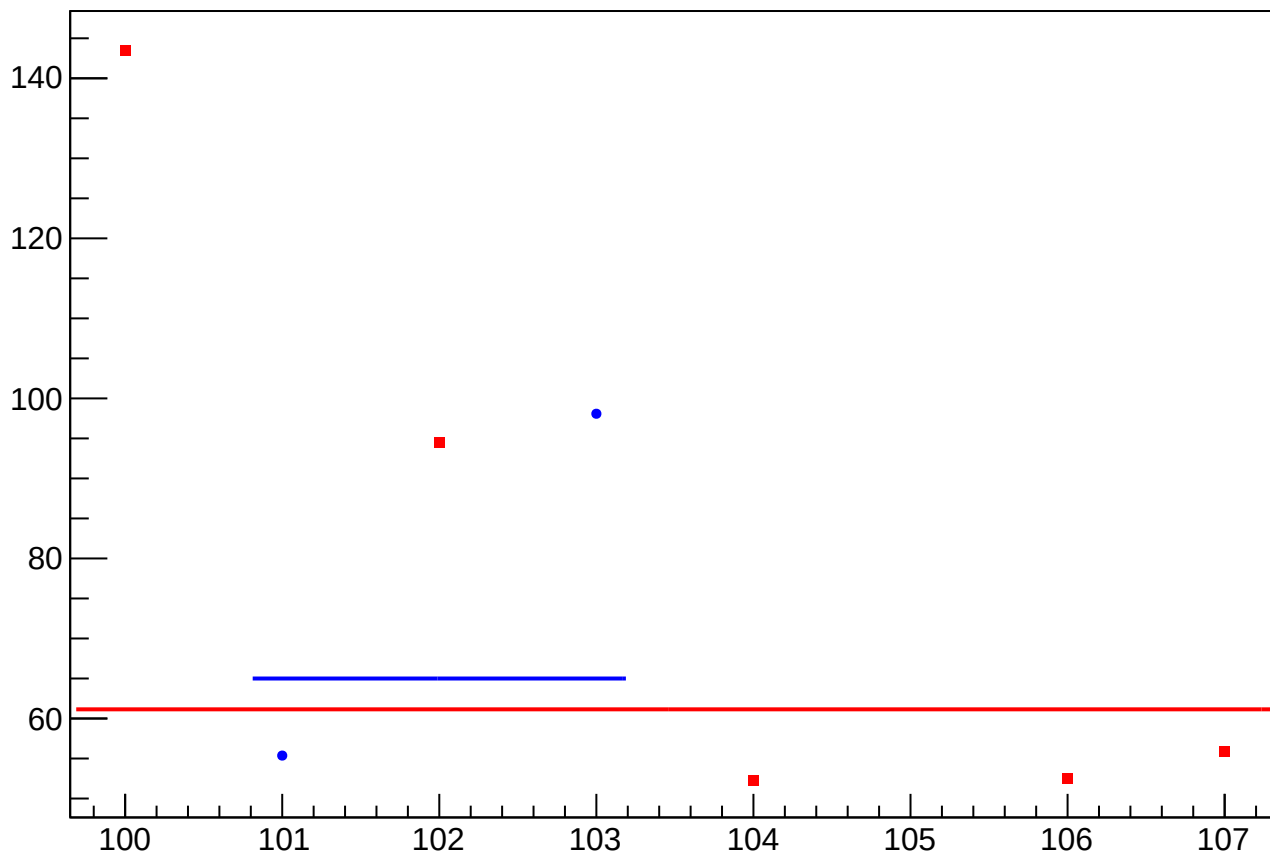
Right: 25.344+/-38.668 χ^2/NDF : 2.5/6

In: -25.121+/-61.234 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.344+/-38.668 χ^2/NDF : 2.5/6

reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 64.997+/-0.043 χ^2/NDF : 169955.2/1

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

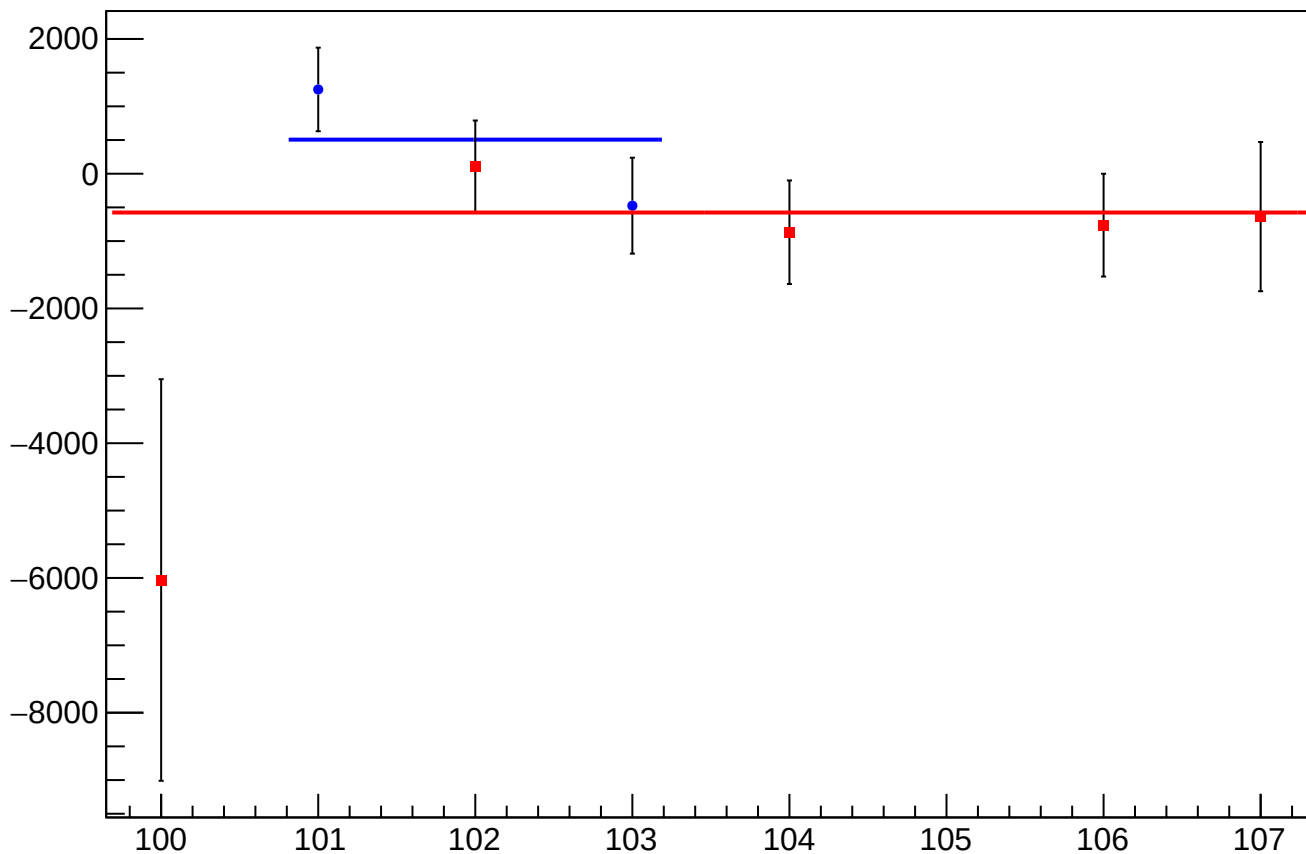
Right: 62.681+/-0.027 χ^2/NDF : 421165.2/6

In: 64.997+/-0.043 χ^2/NDF : 169955.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.681+/-0.027 χ^2/NDF : 421165.2/6

asym_sam_15_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 505.932+/-467.509 χ^2/NDF : 3.3/1

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

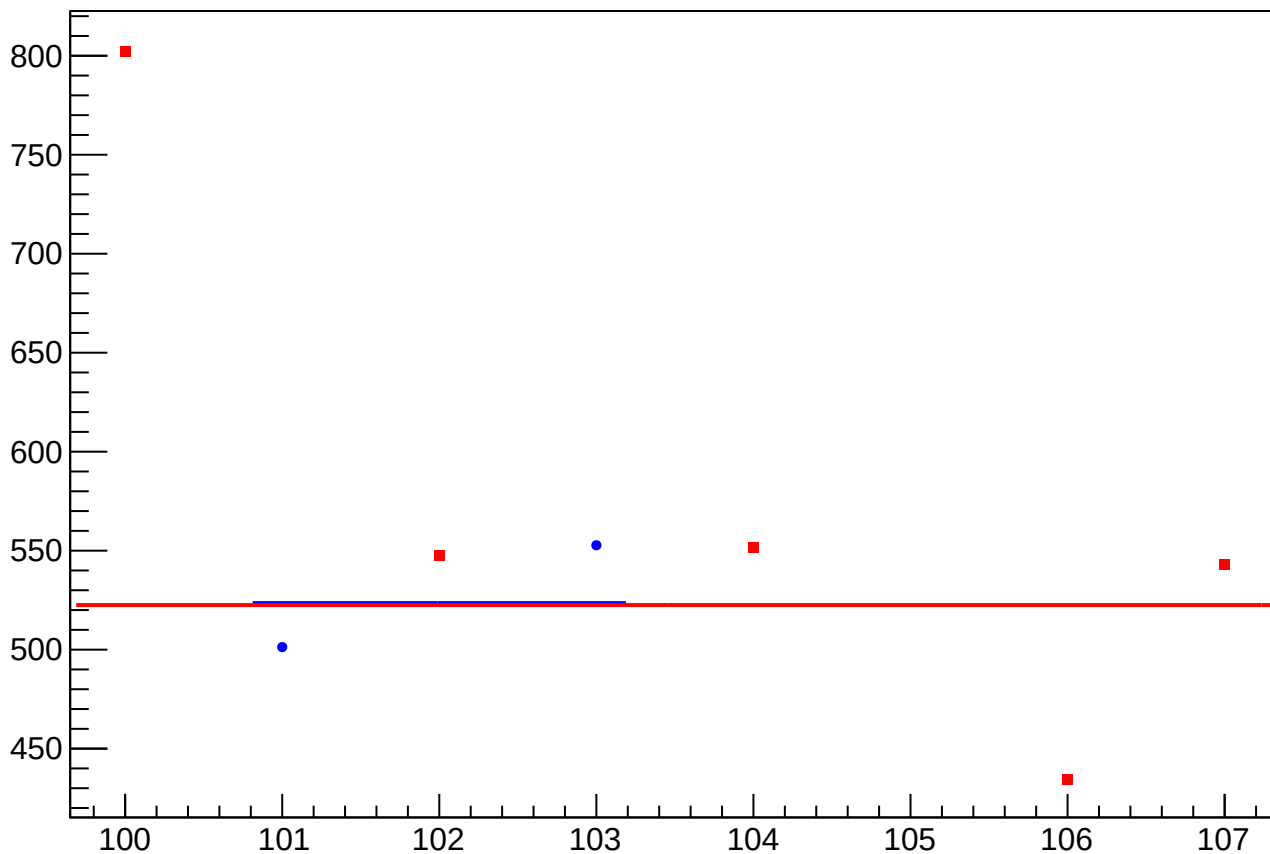
Right: -129.008+/-300.458 χ^2/NDF : 11.1/6

In: 505.932+/-467.509 χ^2/NDF :3.3/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -129.008+/-300.458 χ^2/NDF : 11.1/6

asym_sam_15_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 523.506+/-0.331 χ^2/NDF : 5942.4/1

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

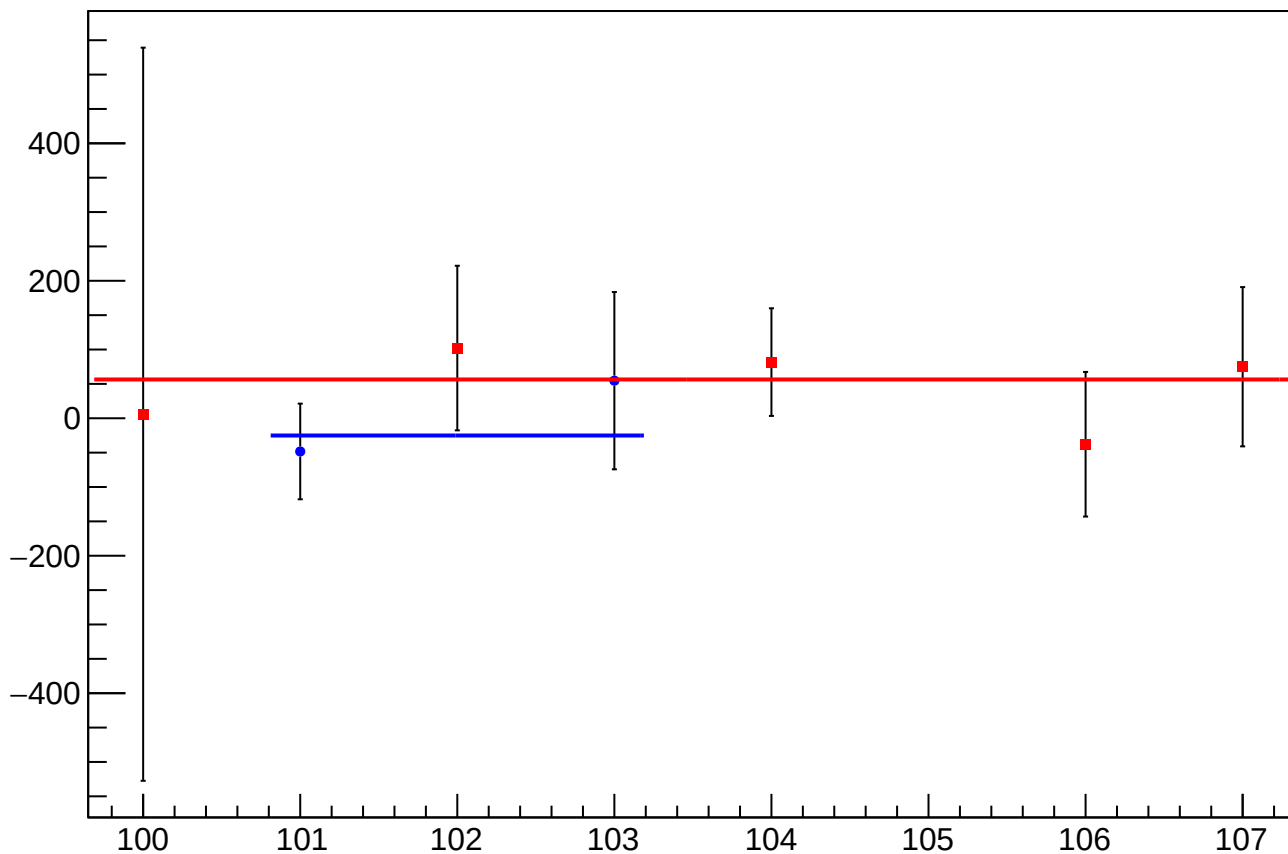
Right: 522.926+/-0.212 χ^2/NDF : 56566.4/6

In: 523.506+/-0.331 χ^2/NDF : 5942.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 522.926+/-0.212 χ^2/NDF : 56566.4/6

cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -25.089+/-61.234 χ^2 /NDF: 0.5/1

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

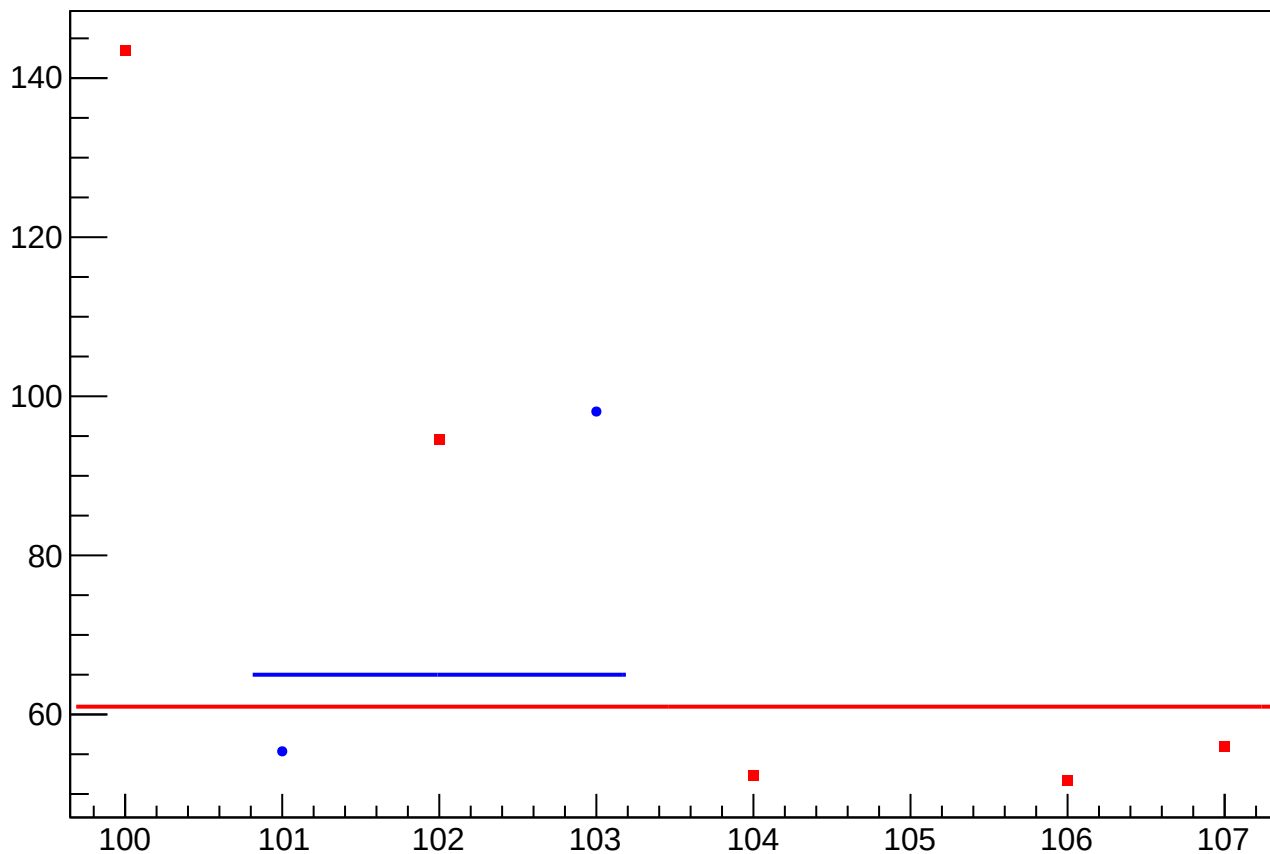
Right: 23.886+/-38.693 χ^2 /NDF: 2.6/6

In: -25.089+/-61.234 χ^2 /NDF:0.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 23.886+/-38.693 χ^2 /NDF: 2.6/6

cor_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 64.997 $\pm$ 0.043 χ^2 /NDF: 169958.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 60.981 $\pm$ 0.035 χ^2 /NDF: 249201.4/4

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

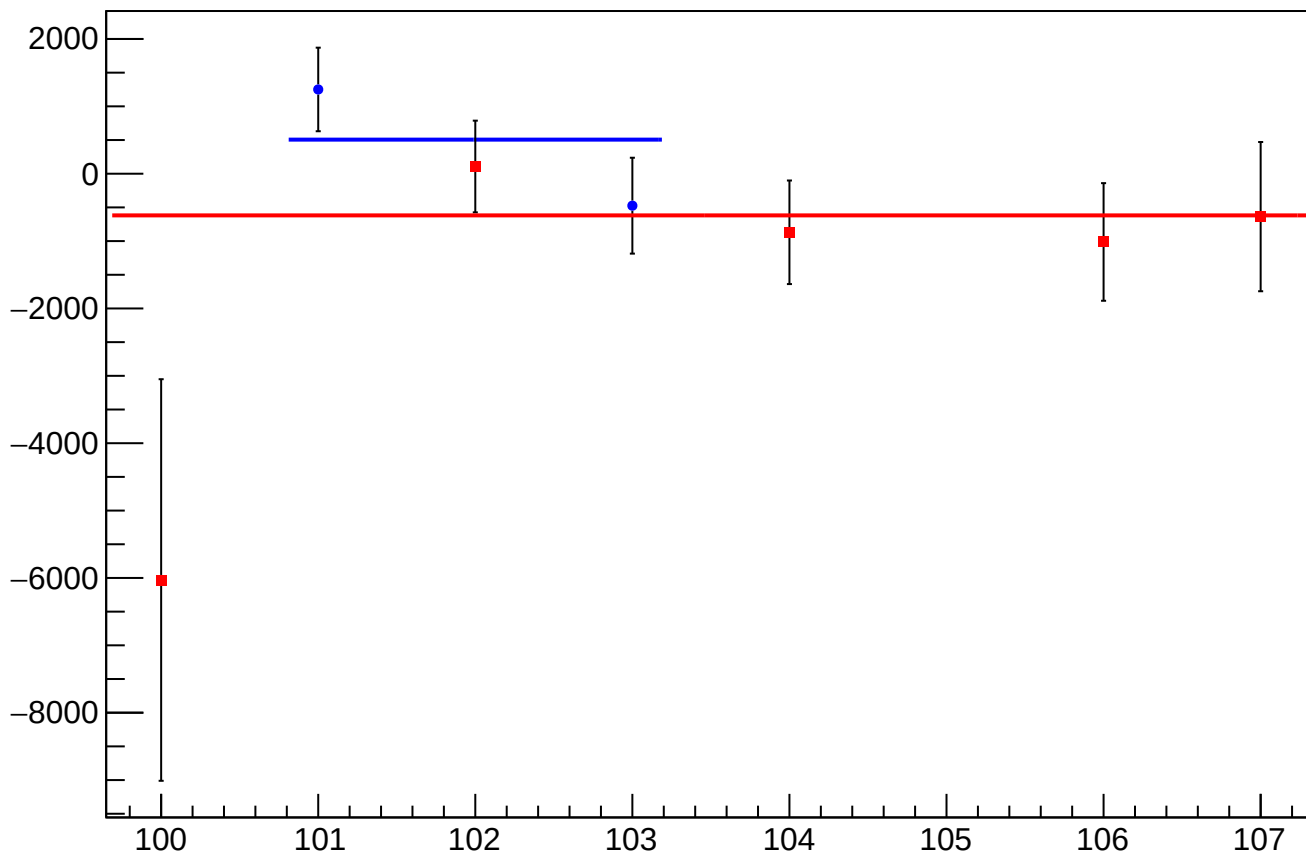
Right: 62.584 $\pm$ 0.027 χ^2 /NDF: 424327.0/6

In: 64.997 $\pm$ 0.043 χ^2 /NDF: 169958.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 62.584 $\pm$ 0.027 χ^2 /NDF: 424327.0/6

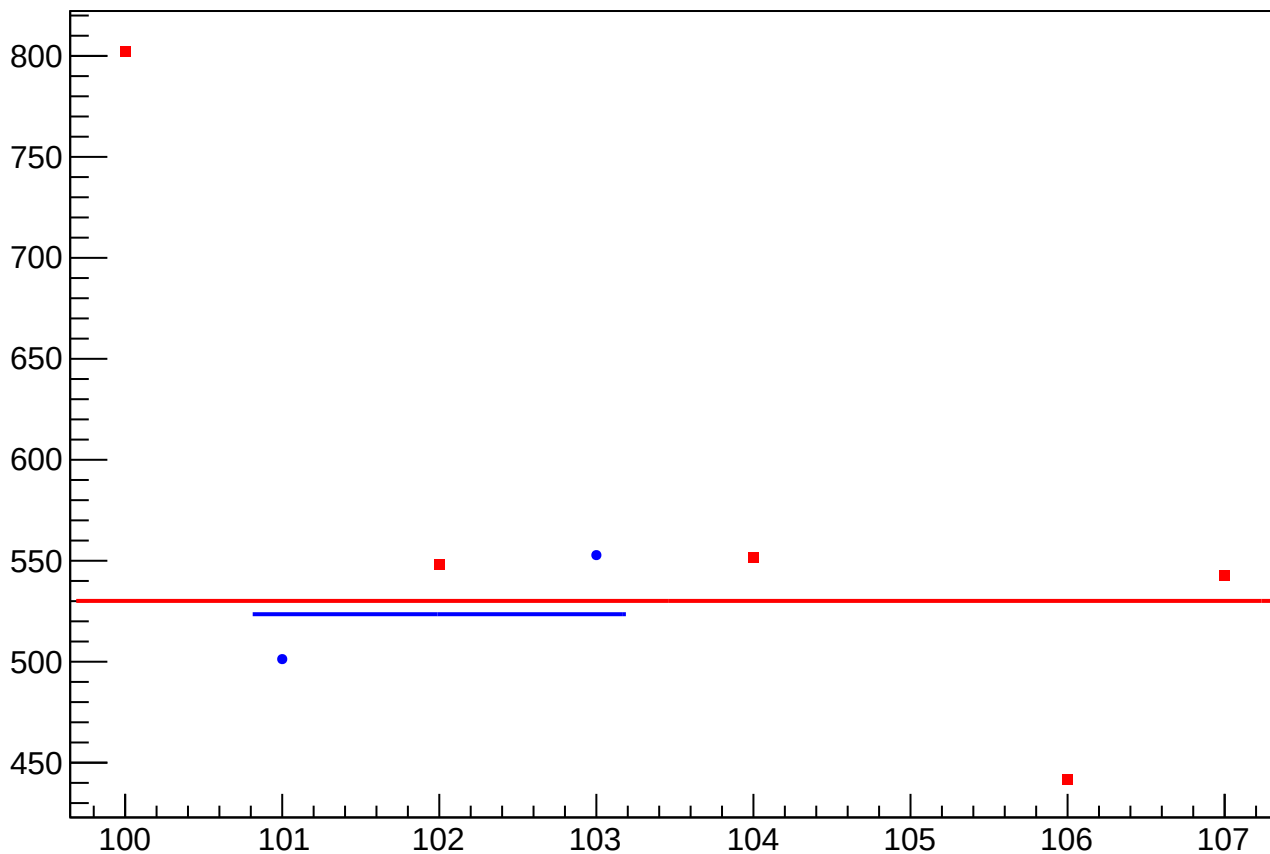
asym_sam_15_37_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 505.972+/-467.529 χ^2/NDF : 3.3/1
 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: -136.221+/-306.179 χ^2/NDF : 11.4/6
 In: 505.972+/-467.529 χ^2/NDF : 3.3/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -136.221+/-306.179 χ^2/NDF : 11.4/6

asym_sam_15_37_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 523.527 $\pm$ 0.331 χ^2 /NDF: 5953.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 530.116 $\pm$ 0.286 χ^2 /NDF: 40404.3/4

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

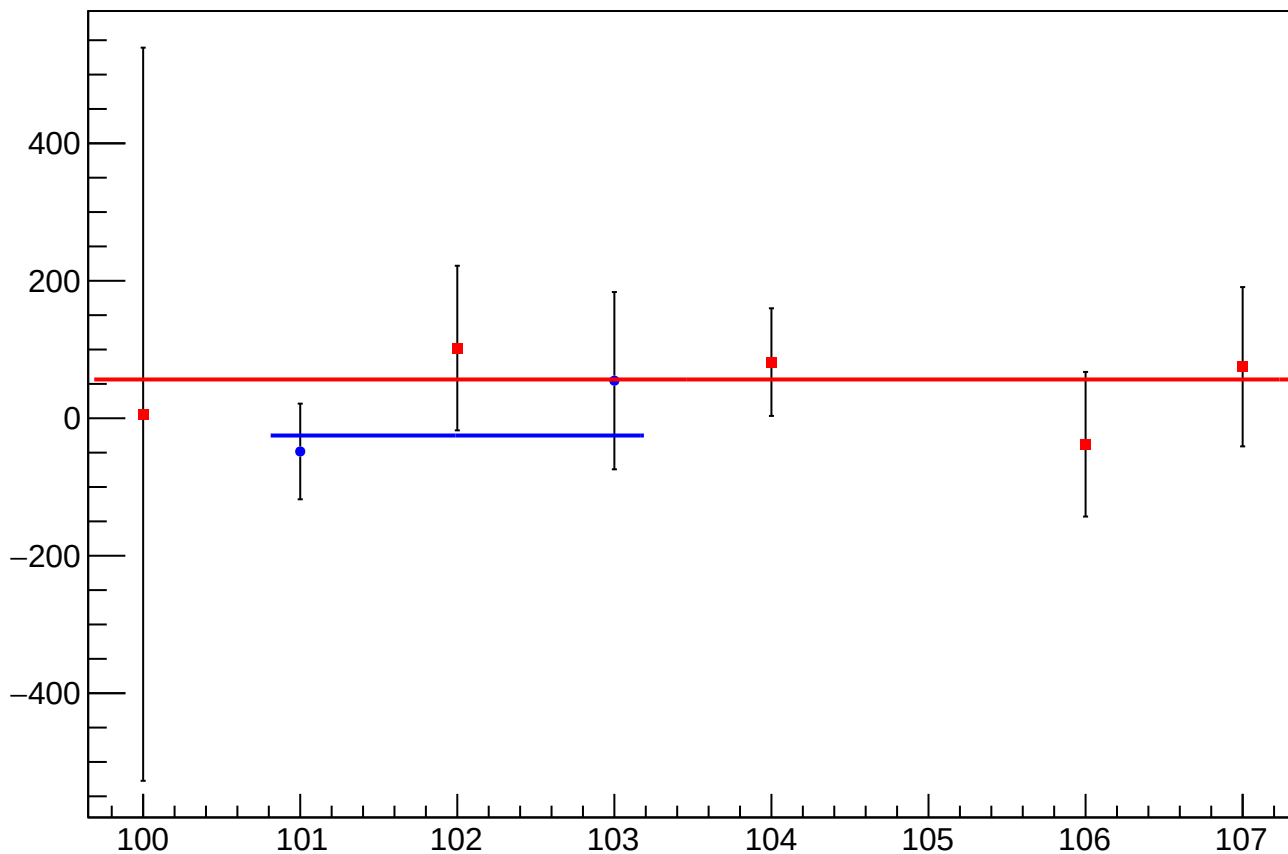
Right: 527.290 $\pm$ 0.217 χ^2 /NDF: 46585.0/6

In: 523.527 $\pm$ 0.331 χ^2 /NDF:5953.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 527.290 $\pm$ 0.217 χ^2 /NDF: 46585.0/6

eigen_cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -25.089+/-61.234 χ^2/NDF : 0.5/1

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

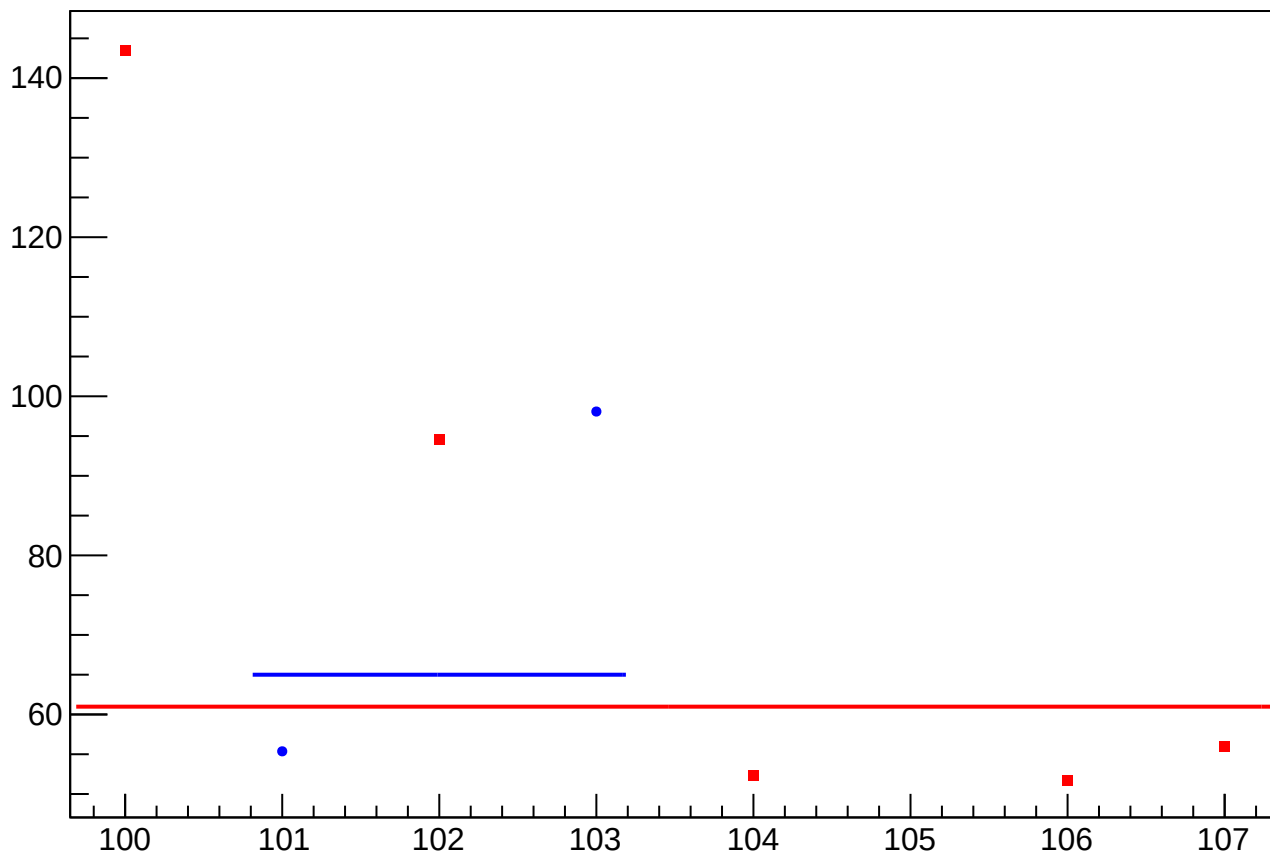
Right: 23.886+/-38.693 χ^2/NDF : 2.6/6

In: -25.089+/-61.234 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.886+/-38.693 χ^2/NDF : 2.6/6

eigen_cor_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 64.997+/-0.043 χ^2/NDF : 169958.0/1

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

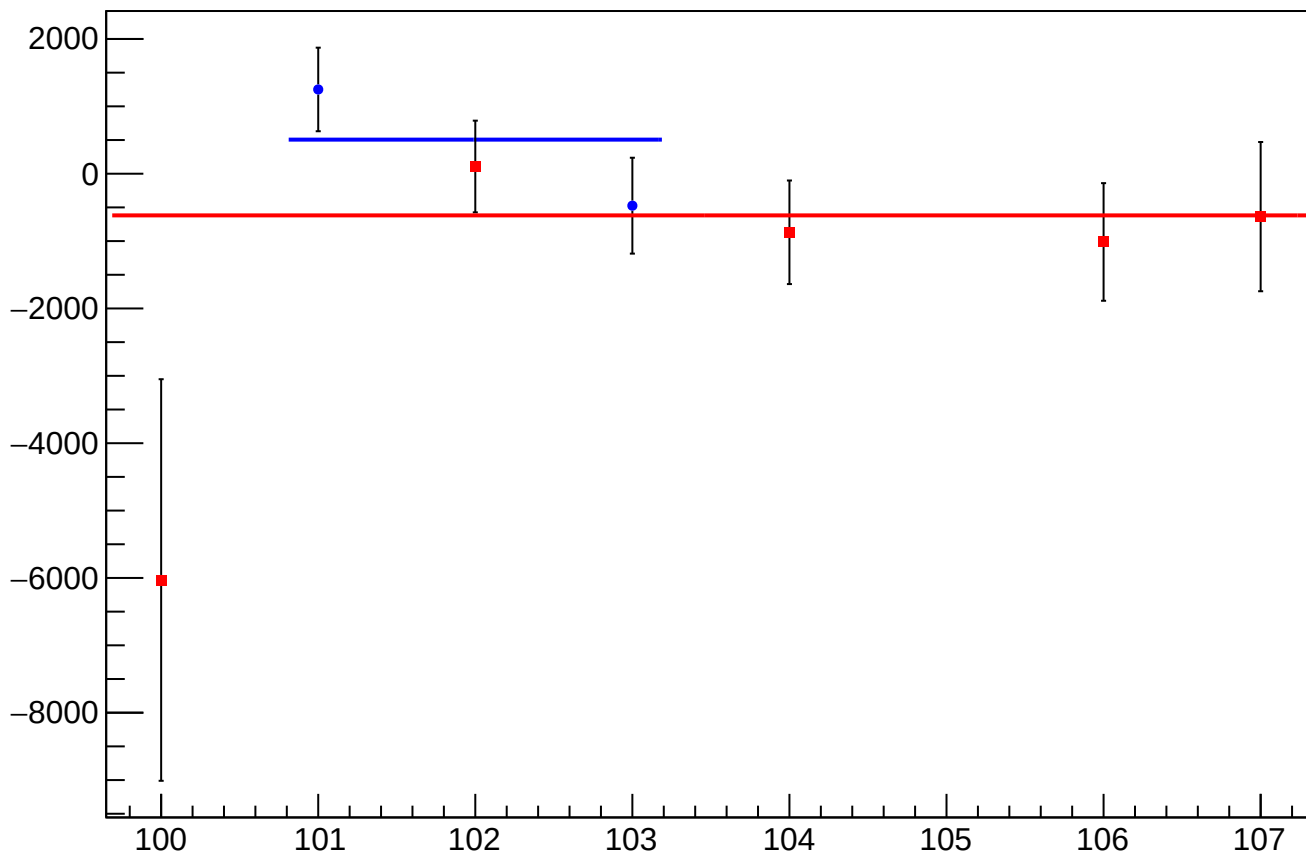
Right: 62.584+/-0.027 χ^2/NDF : 424327.0/6

In: 64.997+/-0.043 χ^2/NDF : 169958.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.584+/-0.027 χ^2/NDF : 424327.0/6

asym_sam_15_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 505.972+/-467.529 χ^2 /NDF: 3.3/1

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

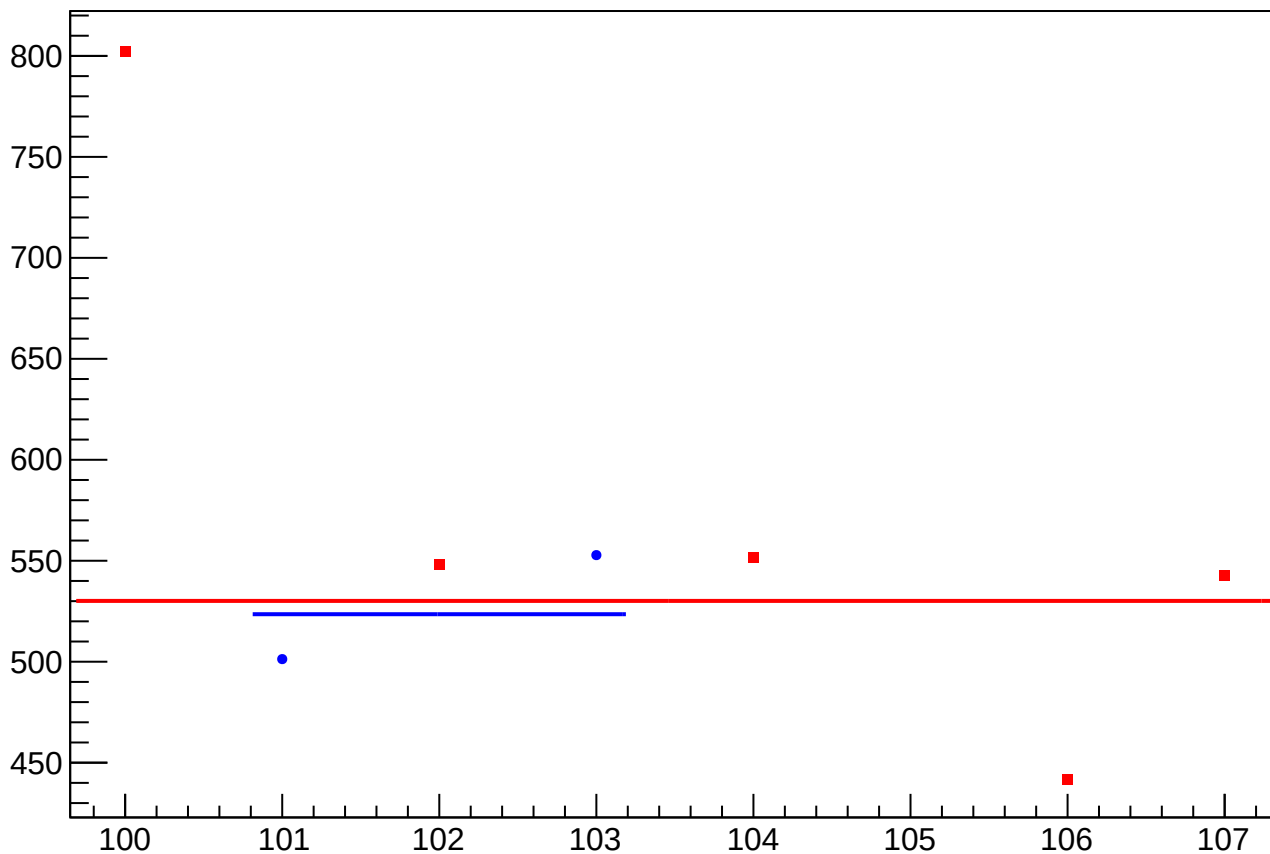
Right: -136.221+/-306.179 χ^2 /NDF: 11.4/6

In: 505.972+/-467.529 χ^2 /NDF:3.3/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -136.221+/-306.179 χ^2 /NDF: 11.4/6

asym_sam_15_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 523.527+/-0.331 χ^2/NDF : 5953.9/1

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

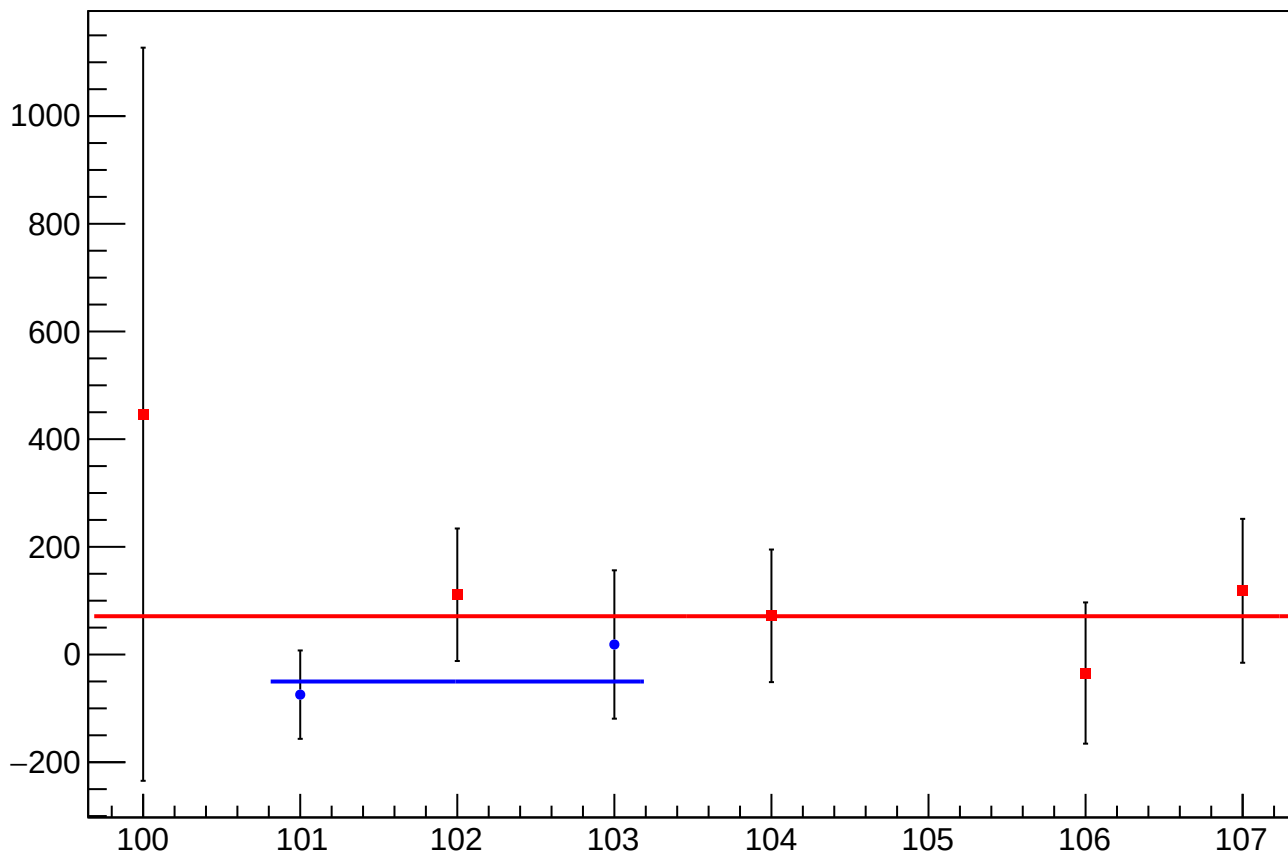
Right: 527.290+/-0.217 χ^2/NDF : 46585.0/6

In: 523.527+/-0.331 χ^2/NDF : 5953.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 527.290+/-0.217 χ^2/NDF : 46585.0/6

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -50.107 $\pm$ 70.514 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 71.153 $\pm$ 63.465 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

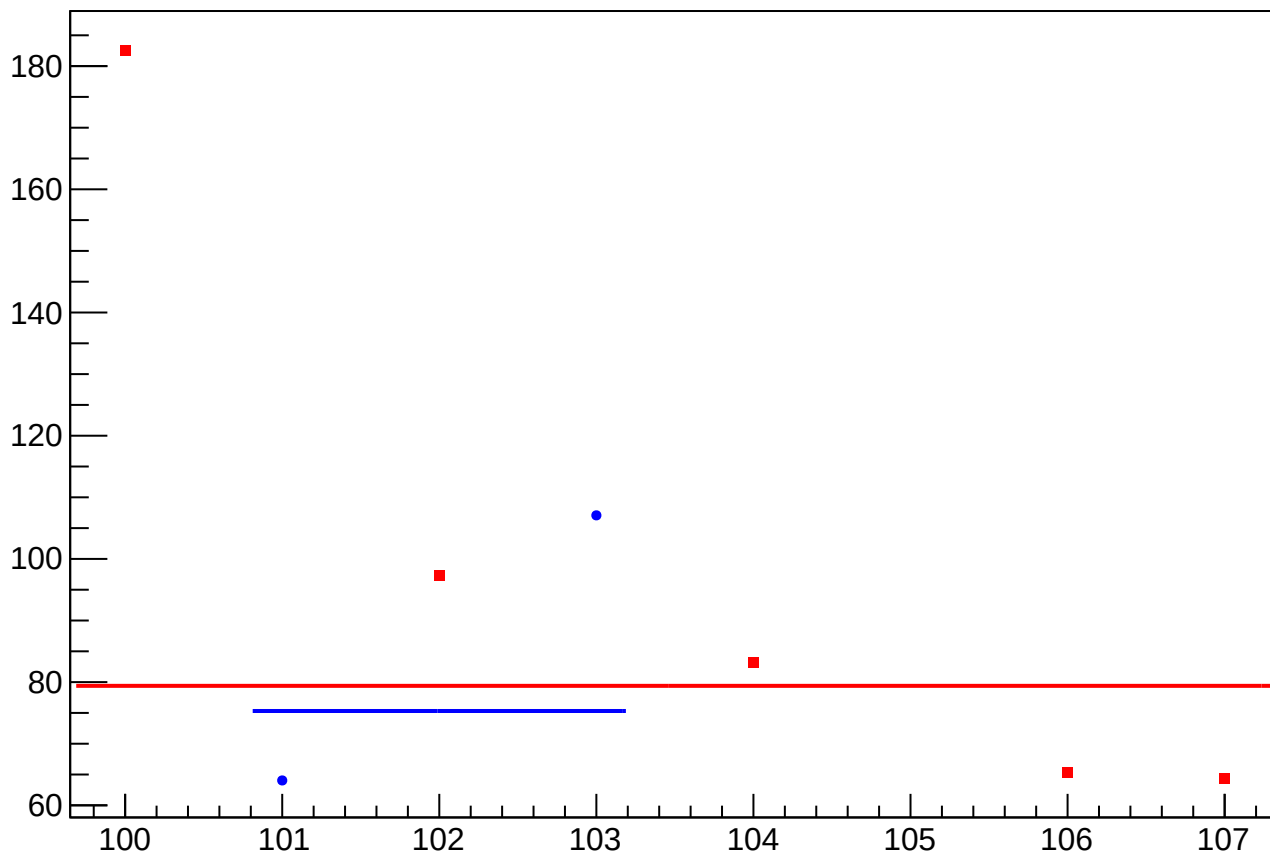
Right: 16.885 $\pm$ 47.173 χ^2 /NDF: 3.2/6

In: -50.107 $\pm$ 70.514 χ^2 /NDF:0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 16.885 $\pm$ 47.173 χ^2 /NDF: 3.2/6

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 75.312 $\pm$ 0.050 χ^2 /NDF: 144019.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 79.395 $\pm$ 0.045 χ^2 /NDF: 138995.0/4

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

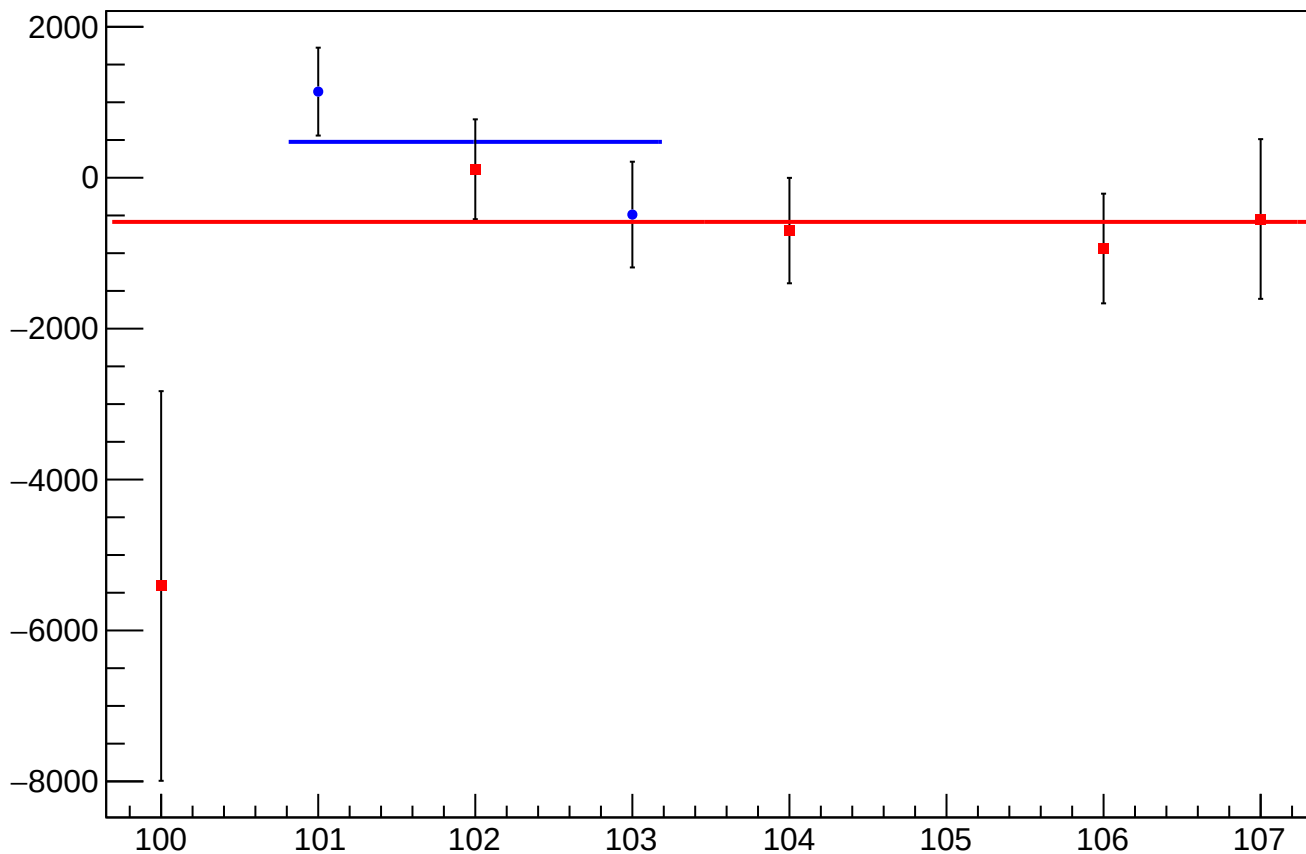
Right: 77.568 $\pm$ 0.033 χ^2 /NDF: 286718.3/6

In: 75.312 $\pm$ 0.050 χ^2 /NDF:144019.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 77.568 $\pm$ 0.033 χ^2 /NDF: 286718.3/6

asym_sam_15_37_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 475.463+/-447.854 χ^2/NDF : 3.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -585.219+/-370.905 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

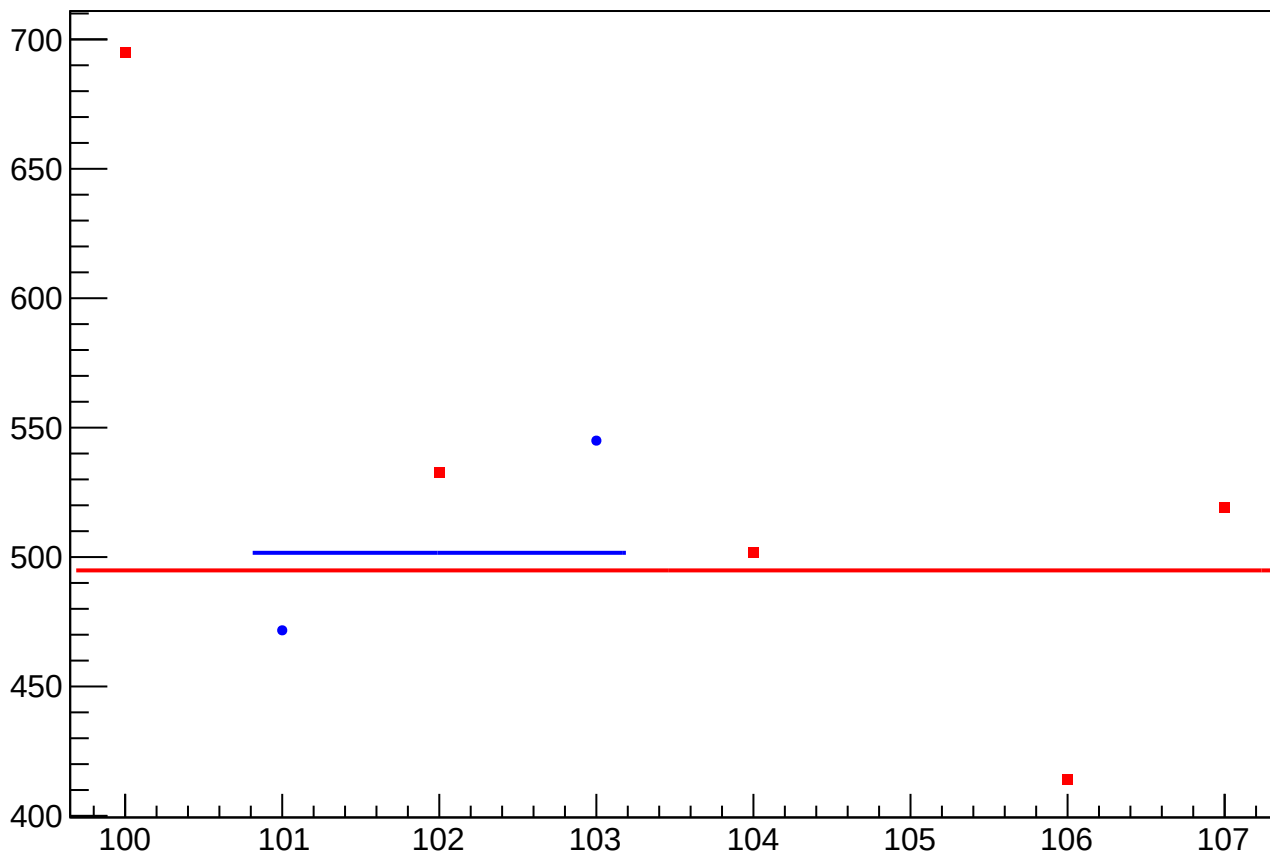
Right: -153.690+/-285.659 χ^2/NDF : 11.4/6

In: 475.463+/-447.854 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -153.690+/-285.659 χ^2/NDF : 11.4/6

asym_sam_15_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 501.644 $\pm$ 0.317 χ^2 /NDF: 12941.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 494.847 $\pm$ 0.262 χ^2 /NDF: 44553.4/4

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

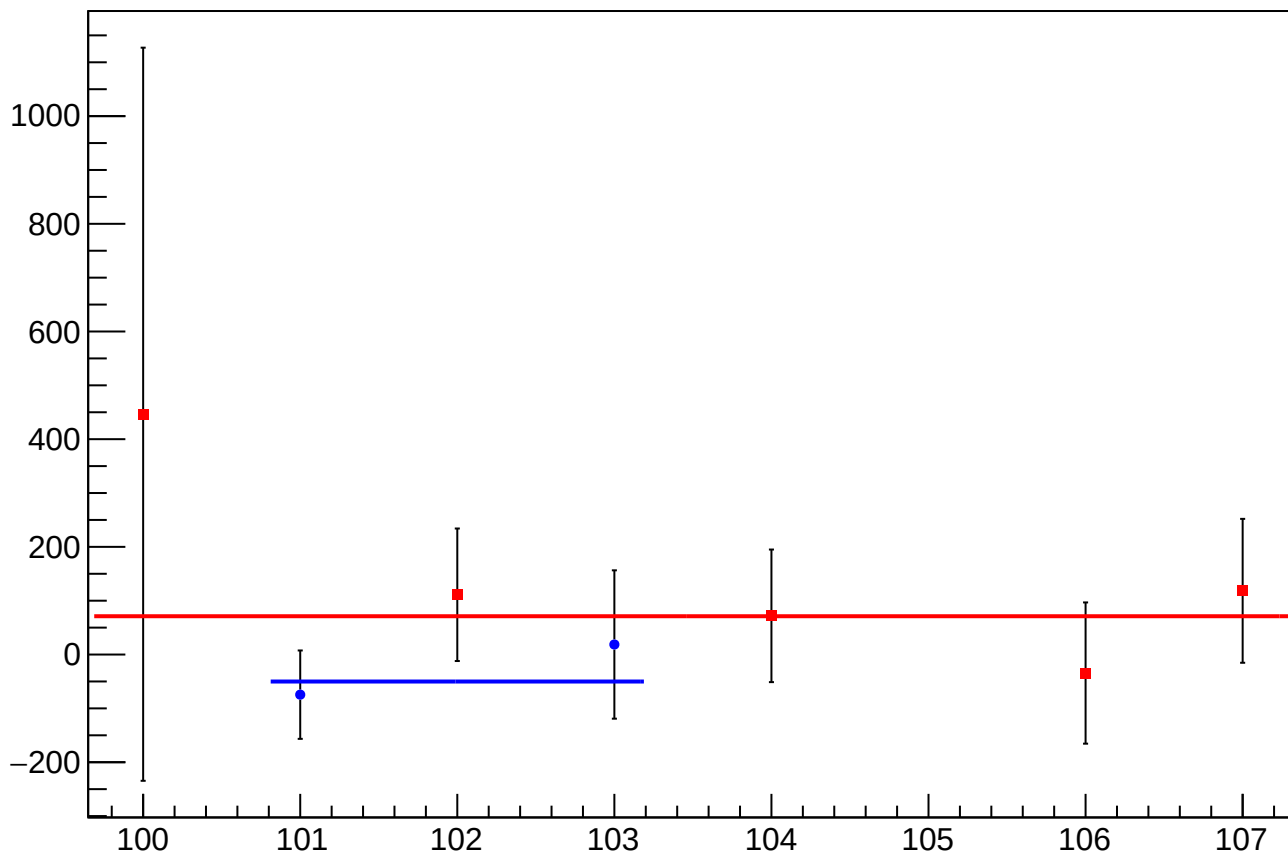
Right: 497.612 $\pm$ 0.202 χ^2 /NDF: 57767.9/6

In: 501.644 $\pm$ 0.317 χ^2 /NDF:12941.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 497.612 $\pm$ 0.202 χ^2 /NDF: 57767.9/6

eigen_dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -50.110+/-70.515 χ^2/NDF : 0.3/1

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

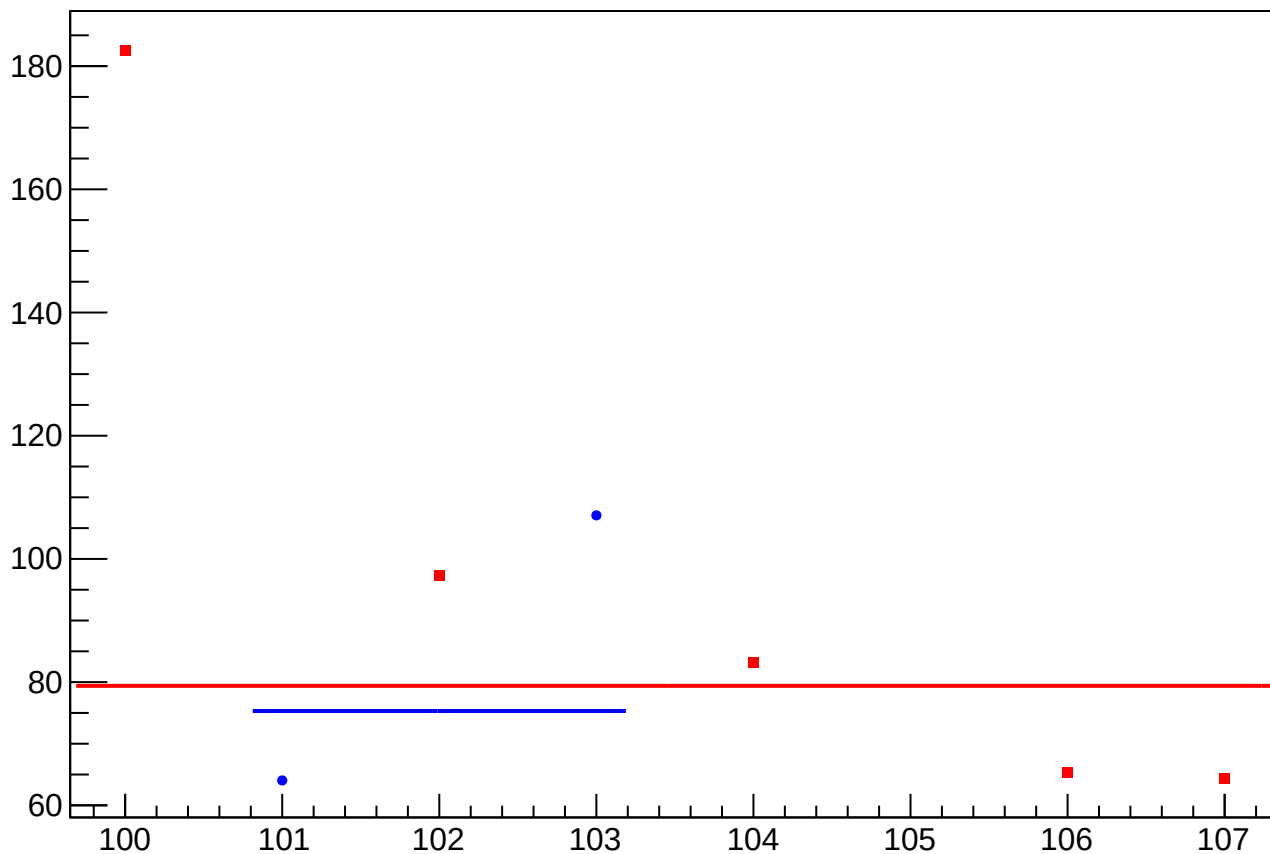
Right: 16.885+/-47.173 χ^2/NDF : 3.2/6

In: -50.110+/-70.515 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.885+/-47.173 χ^2/NDF : 3.2/6

eigen_dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 75.313+/-0.050 χ^2/NDF : 144014.7/1

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

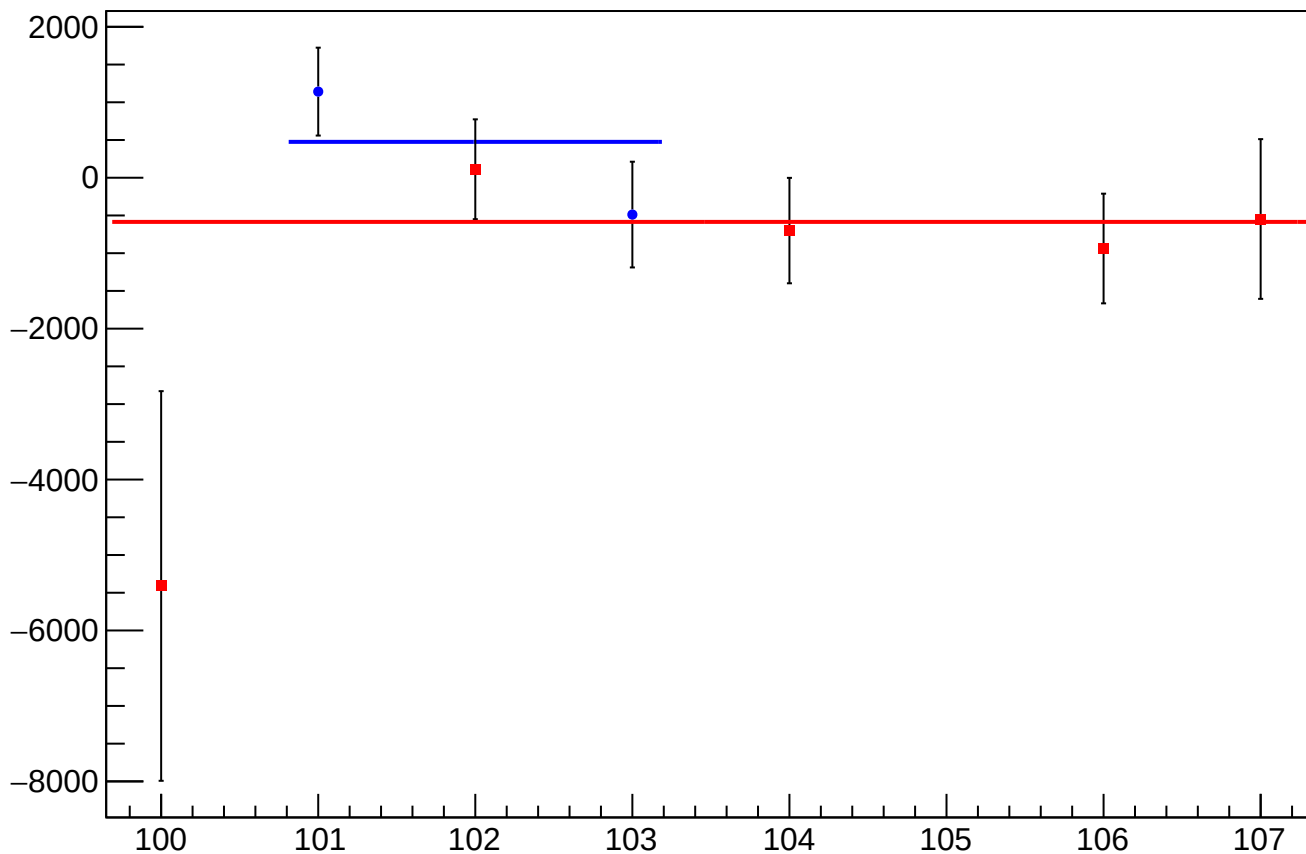
Right: 77.568+/-0.033 χ^2/NDF : 286712.8/6

In: 75.313+/-0.050 χ^2/NDF : 144014.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.568+/-0.033 χ^2/NDF : 286712.8/6

asym_sam_15_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 475.462+/-447.852 χ^2/NDF : 3.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -585.217+/-370.904 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

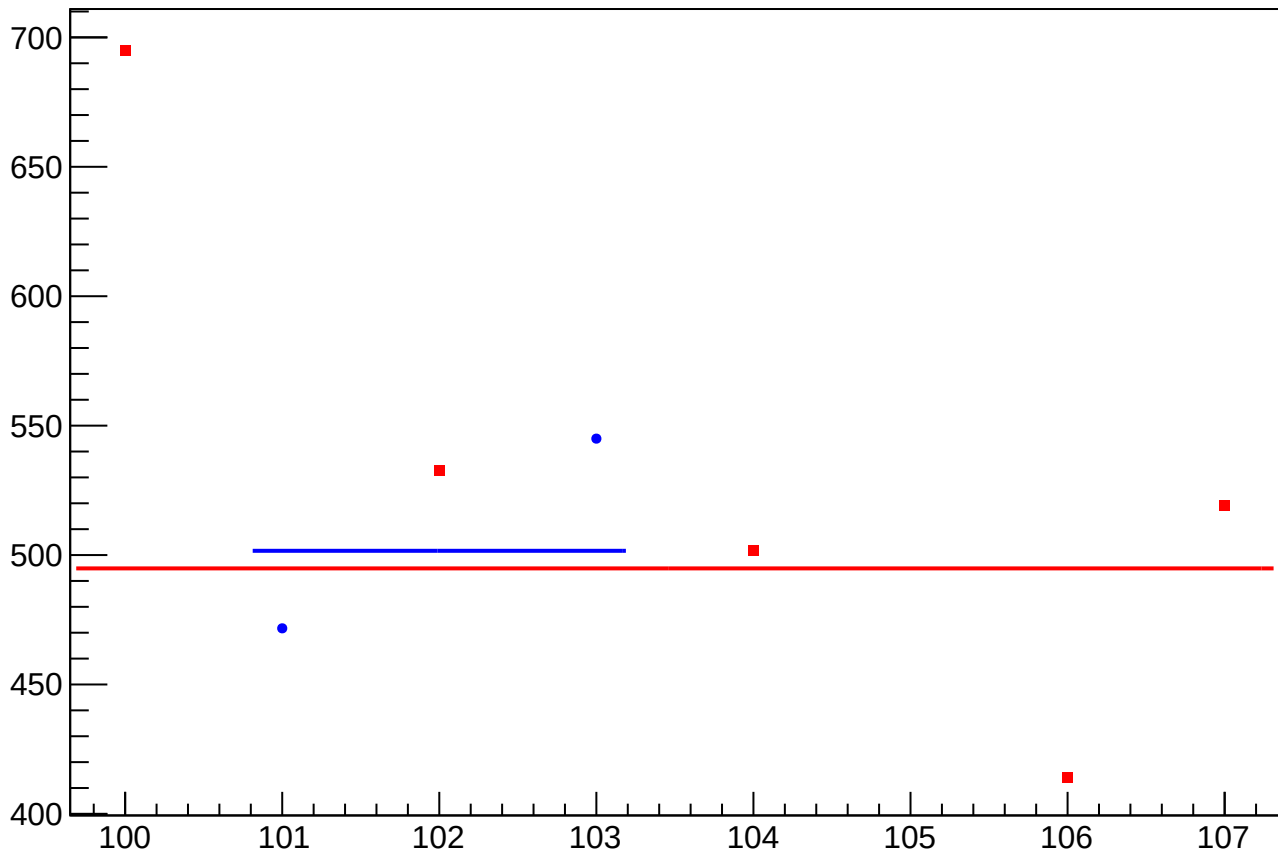
Right: -153.689+/-285.658 χ^2/NDF : 11.4/6

In: 475.462+/-447.852 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -153.689+/-285.658 χ^2/NDF : 11.4/6

asym_sam_15_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 501.642 $\pm$ 0.317 χ^2 /NDF: 12941.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 494.845 $\pm$ 0.262 χ^2 /NDF: 44553.0/4

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

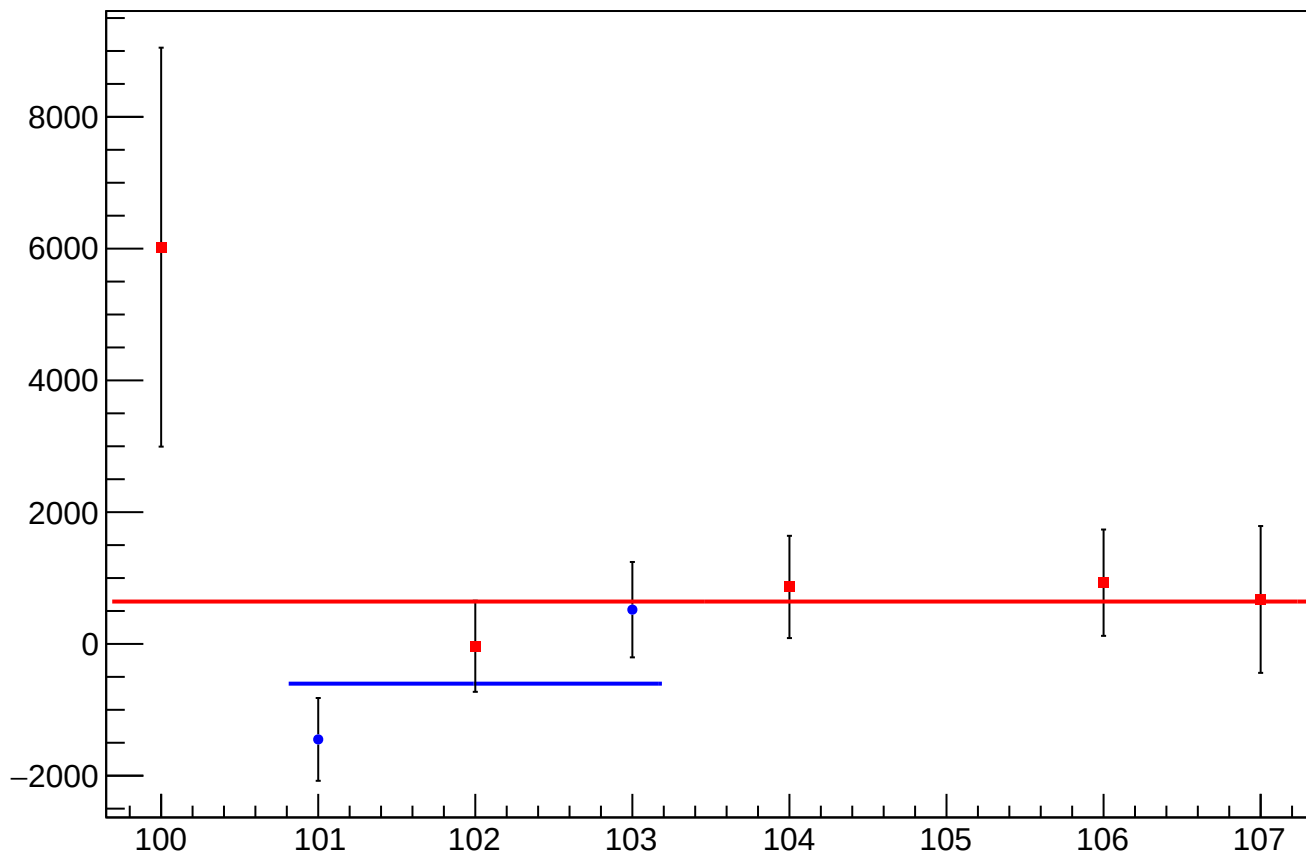
Right: 497.611 $\pm$ 0.202 χ^2 /NDF: 57767.7/6

In: 501.642 $\pm$ 0.317 χ^2 /NDF:12941.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 497.611 $\pm$ 0.202 χ^2 /NDF: 57767.7/6

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -603.026+/-474.531 χ^2/NDF : 4.2/1

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

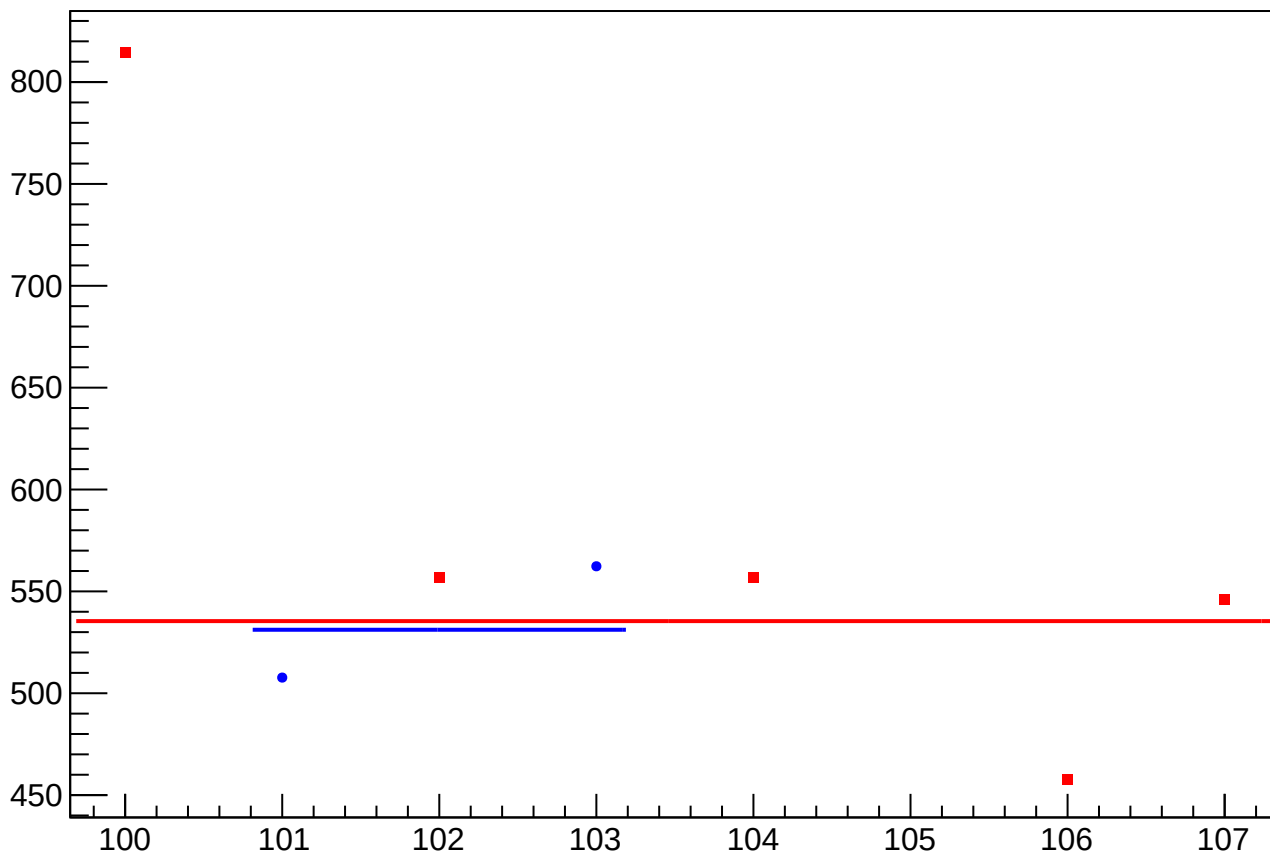
Right: 123.275+/-306.527 χ^2/NDF : 12.6/6

In: -603.026+/-474.531 χ^2/NDF : 4.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.275+/-306.527 χ^2/NDF : 12.6/6

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 531.165+/-0.336 χ^2/NDF : 6498.0/1

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

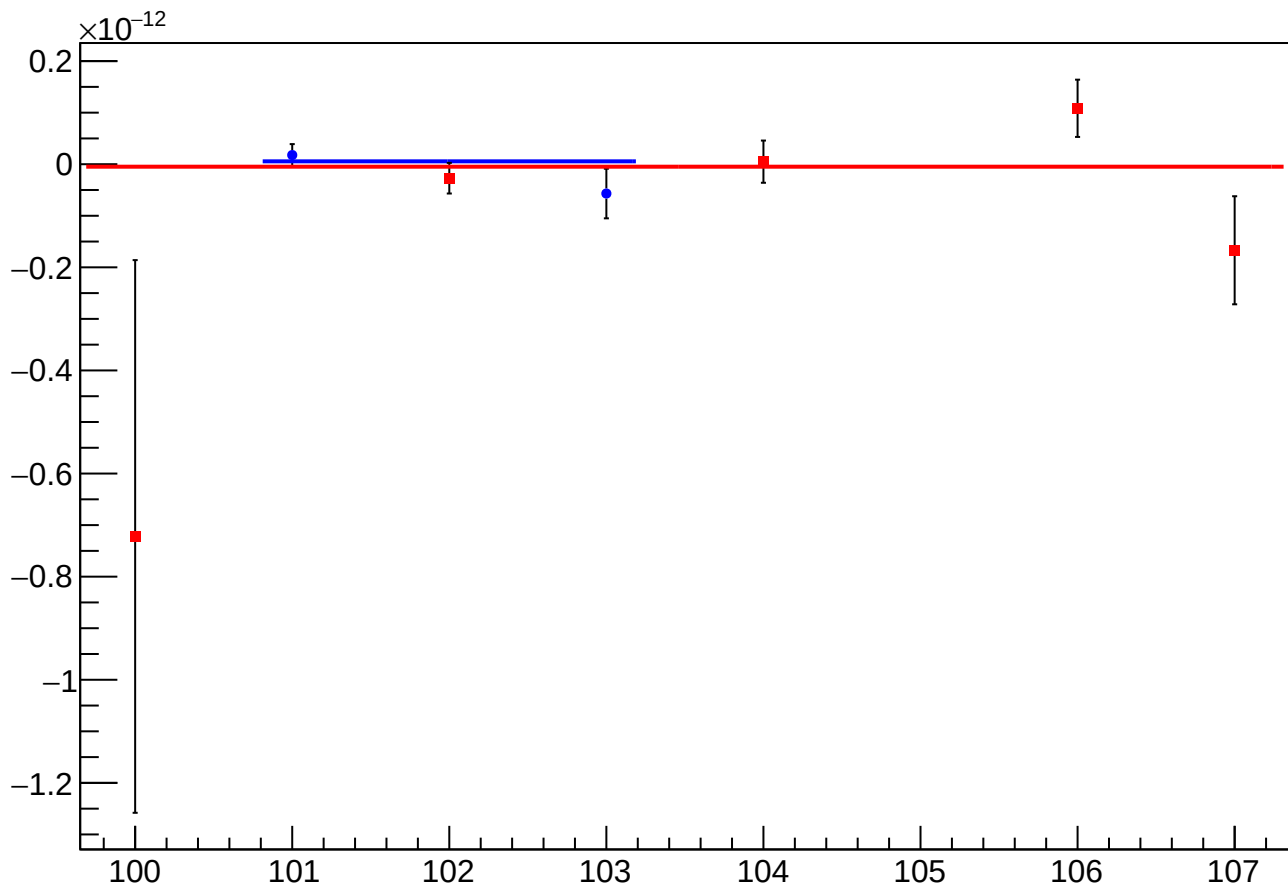
Right: 533.639+/-0.217 χ^2/NDF : 45843.5/6

In: 531.165+/-0.336 χ^2/NDF : 6498.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 533.639+/-0.217 χ^2/NDF : 45843.5/6

asym_sam_15_37_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.0/4

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

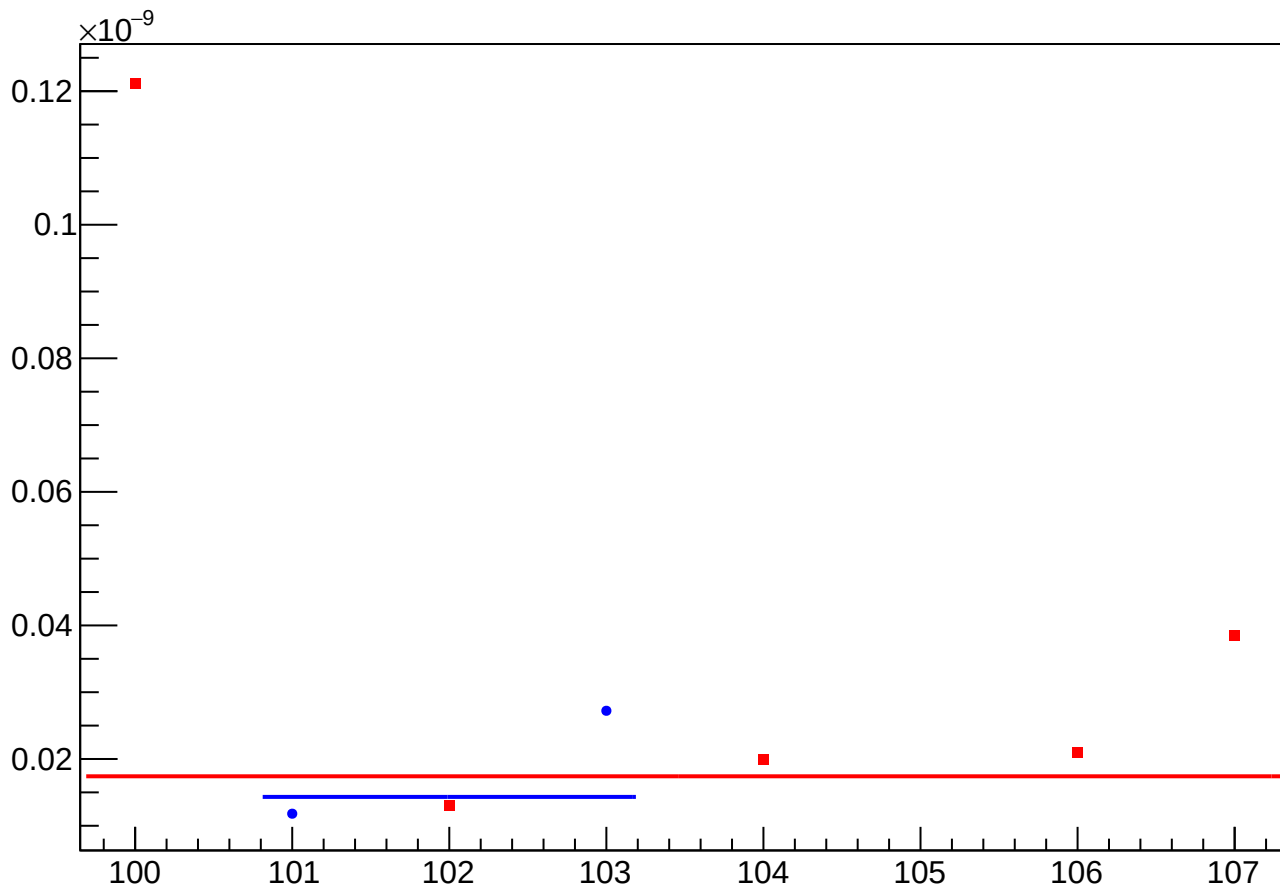
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.1/6

In: 0.000 $\pm$ 0.000 χ^2 /NDF:2.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.1/6

asym_sam_15_37_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 171619.0/1

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

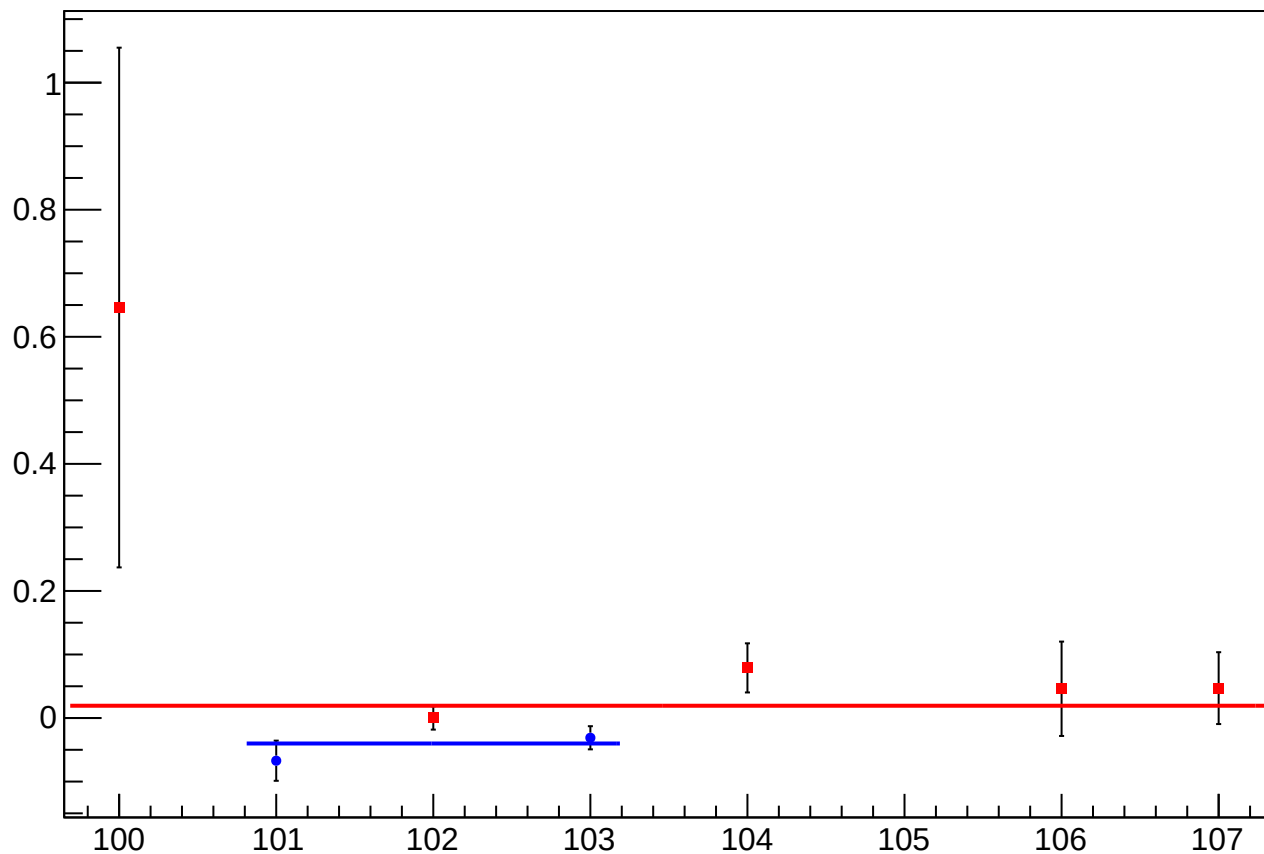
Right: 0.000+/-0.000 χ^2/NDF : 407246.9/6

In: 0.000+/-0.000 χ^2/NDF : 171619.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 407246.9/6

asym_sam_15_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040 $\pm$ 0.016 χ^2 /NDF: 1.0/1

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

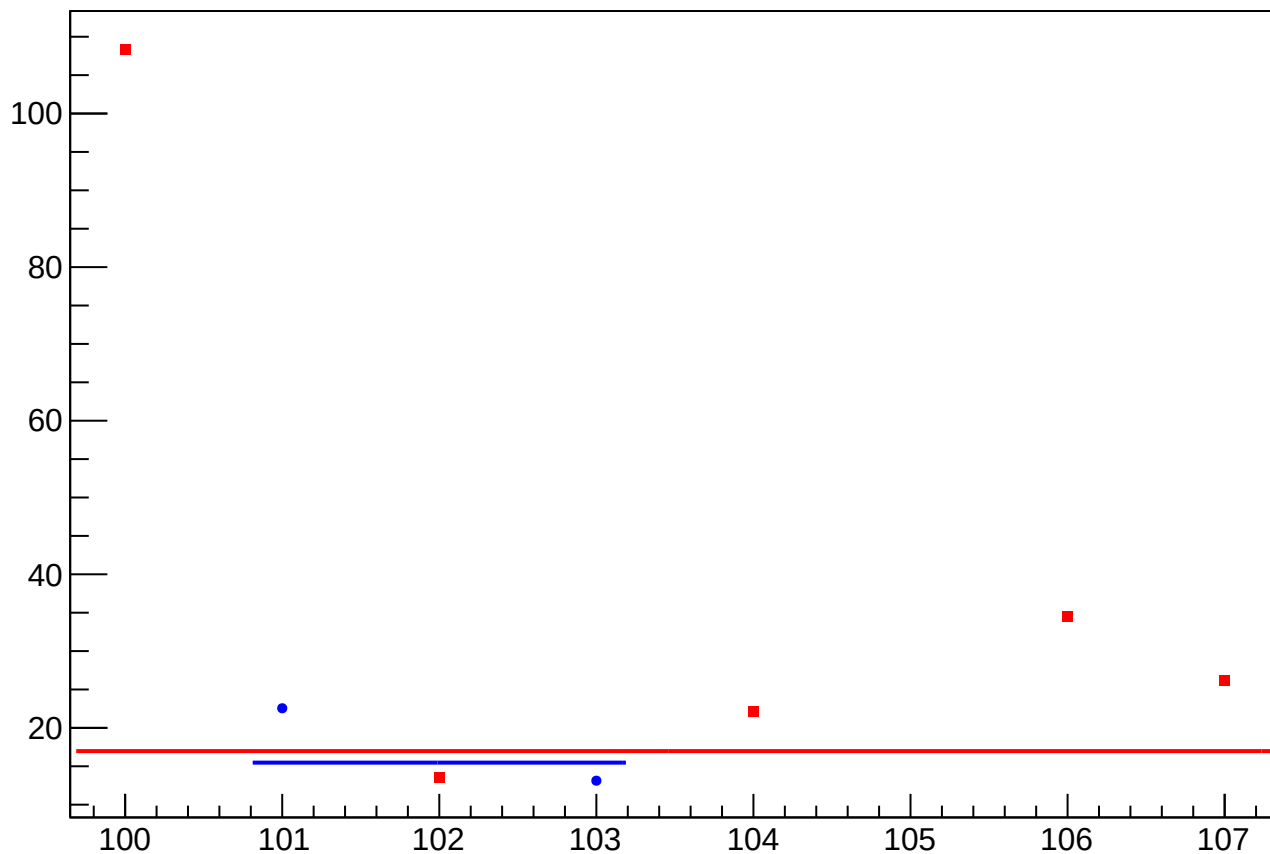
Right: -0.010 $\pm$ 0.011 χ^2 /NDF: 14.4/6

In: -0.040 $\pm$ 0.016 χ^2 /NDF:1.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.010 $\pm$ 0.011 χ^2 /NDF: 14.4/6

asym_sam_15_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 15.476+/-0.011 χ^2/NDF : 133749.5/1

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

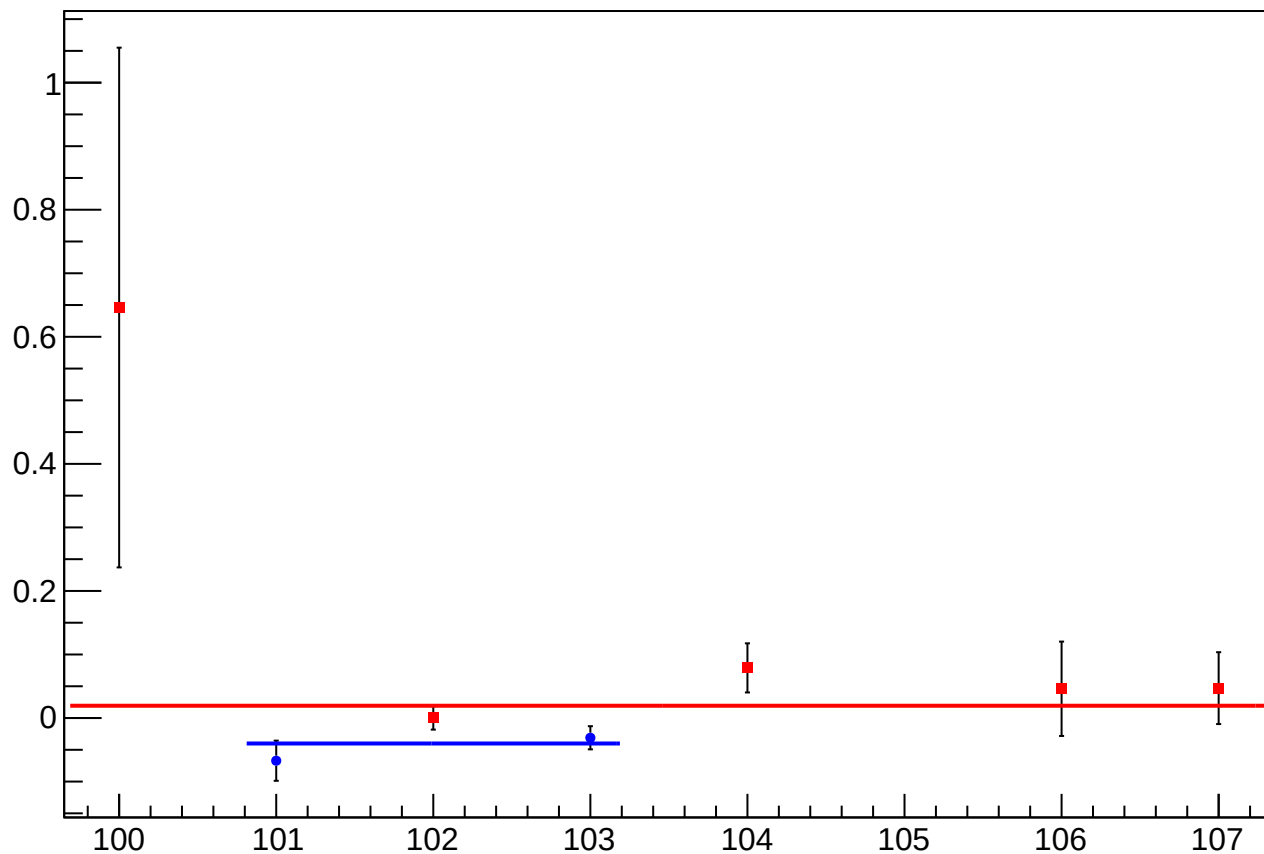
Right: 16.238+/-0.008 χ^2/NDF : 510047.2/6

In: 15.476+/-0.011 χ^2/NDF : 133749.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.238+/-0.008 χ^2/NDF : 510047.2/6

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040+/-0.016 χ^2/NDF : 1.0/1

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

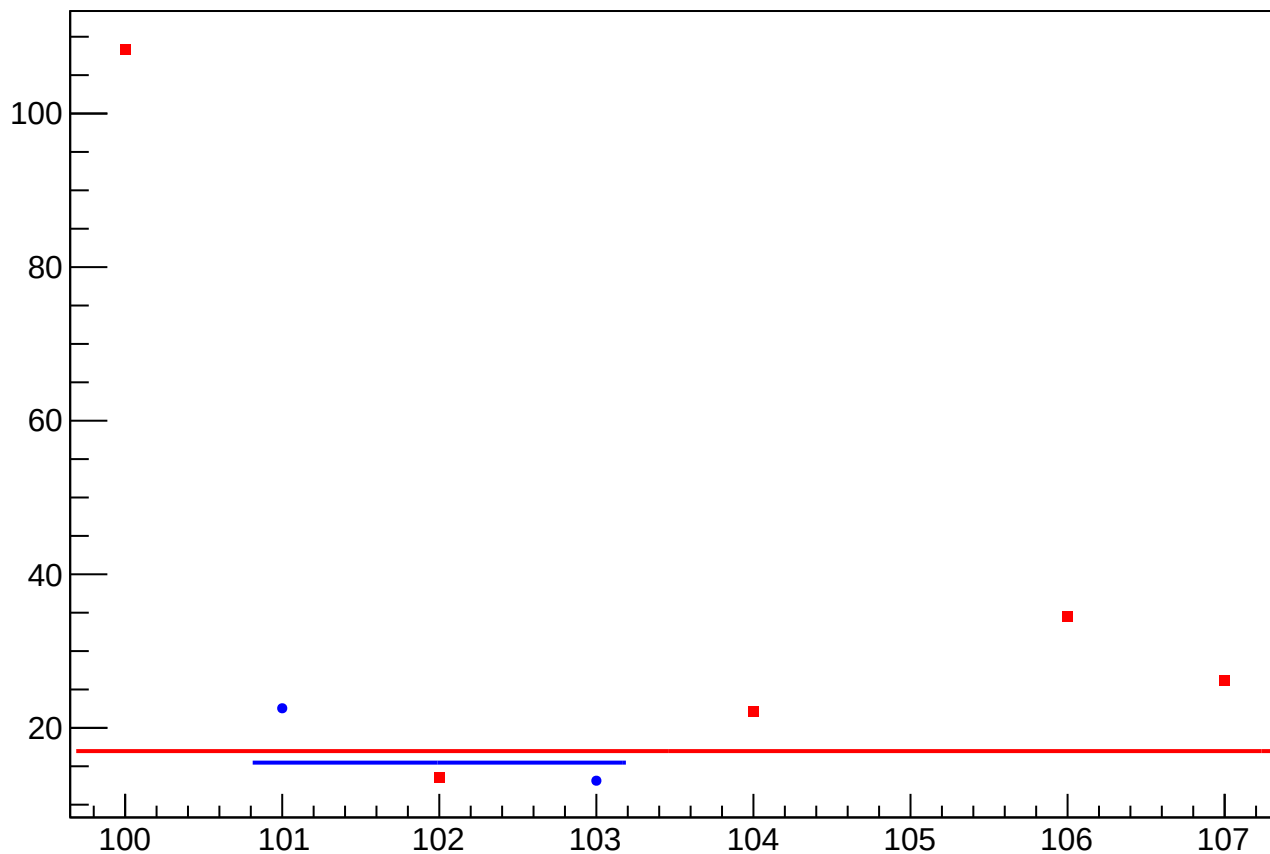
Right: -0.010+/-0.011 χ^2/NDF : 14.4/6

In: -0.040+/-0.016 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.011 χ^2/NDF : 14.4/6

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 15.476+/-0.011 χ^2/NDF : 133749.5/1

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

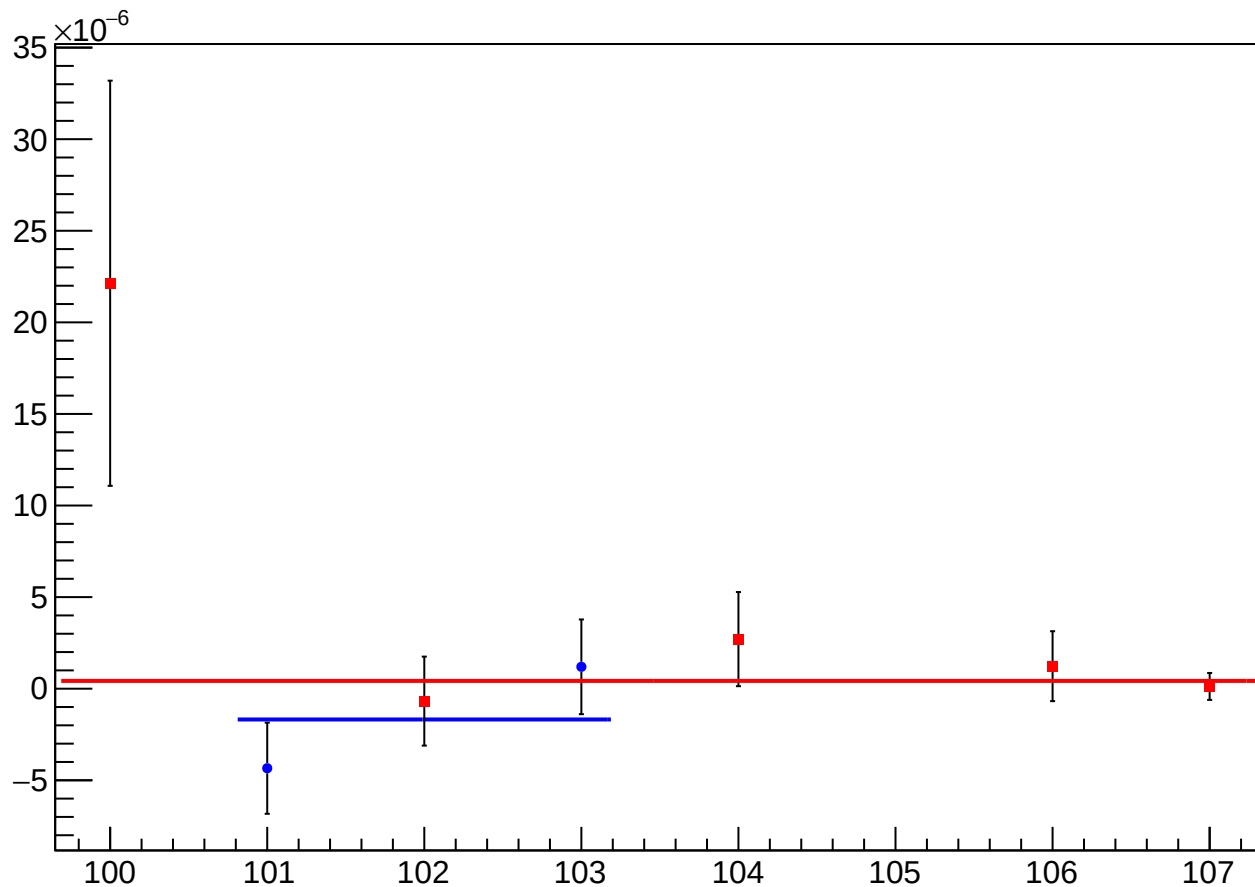
Right: 16.238+/-0.008 χ^2/NDF : 510047.2/6

In: 15.476+/-0.011 χ^2/NDF : 133749.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.238+/-0.008 χ^2/NDF : 510047.2/6

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.4/1

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

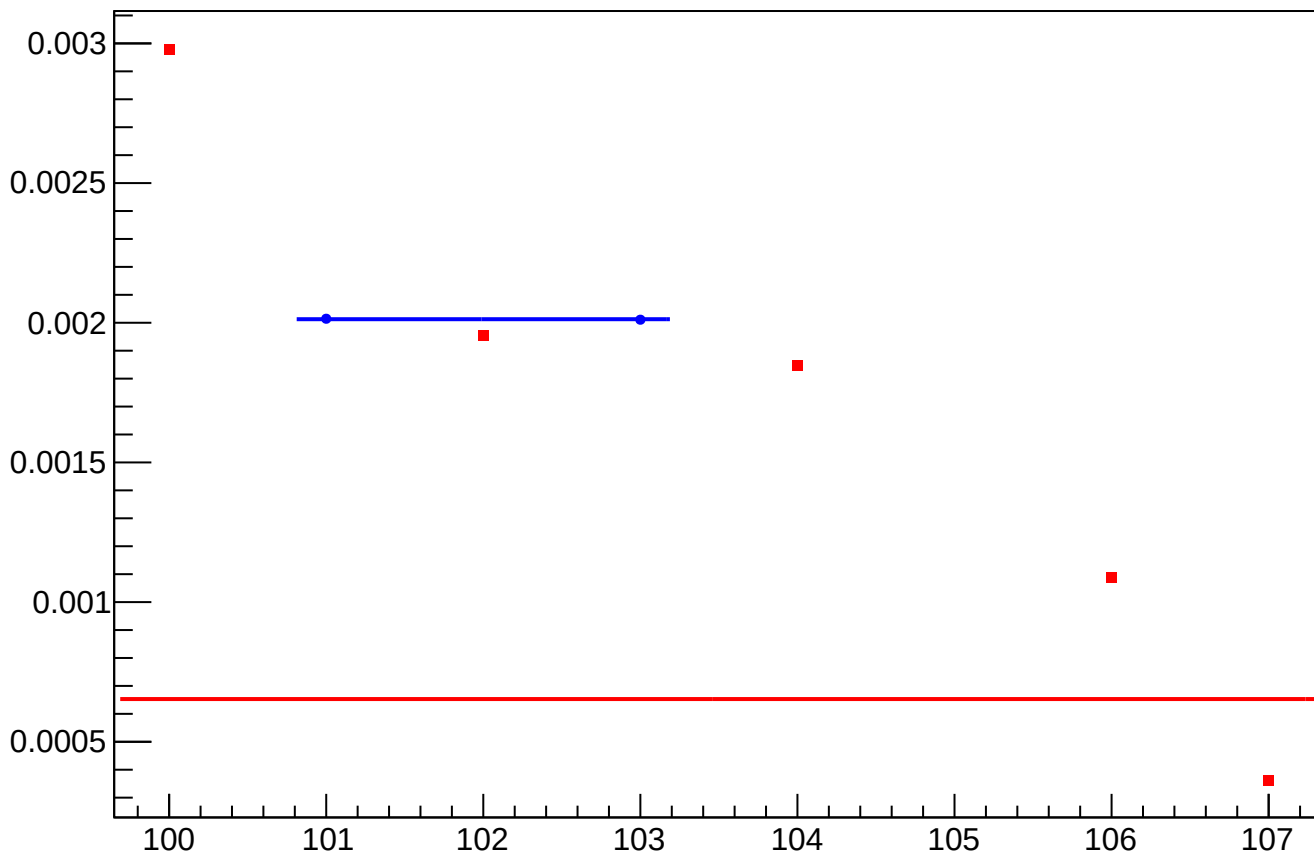
Right: 0.000+/-0.000 χ^2/NDF : 8.8/6

In: -0.000+/-0.000 χ^2/NDF : 2.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.8/6

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1.9/1

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

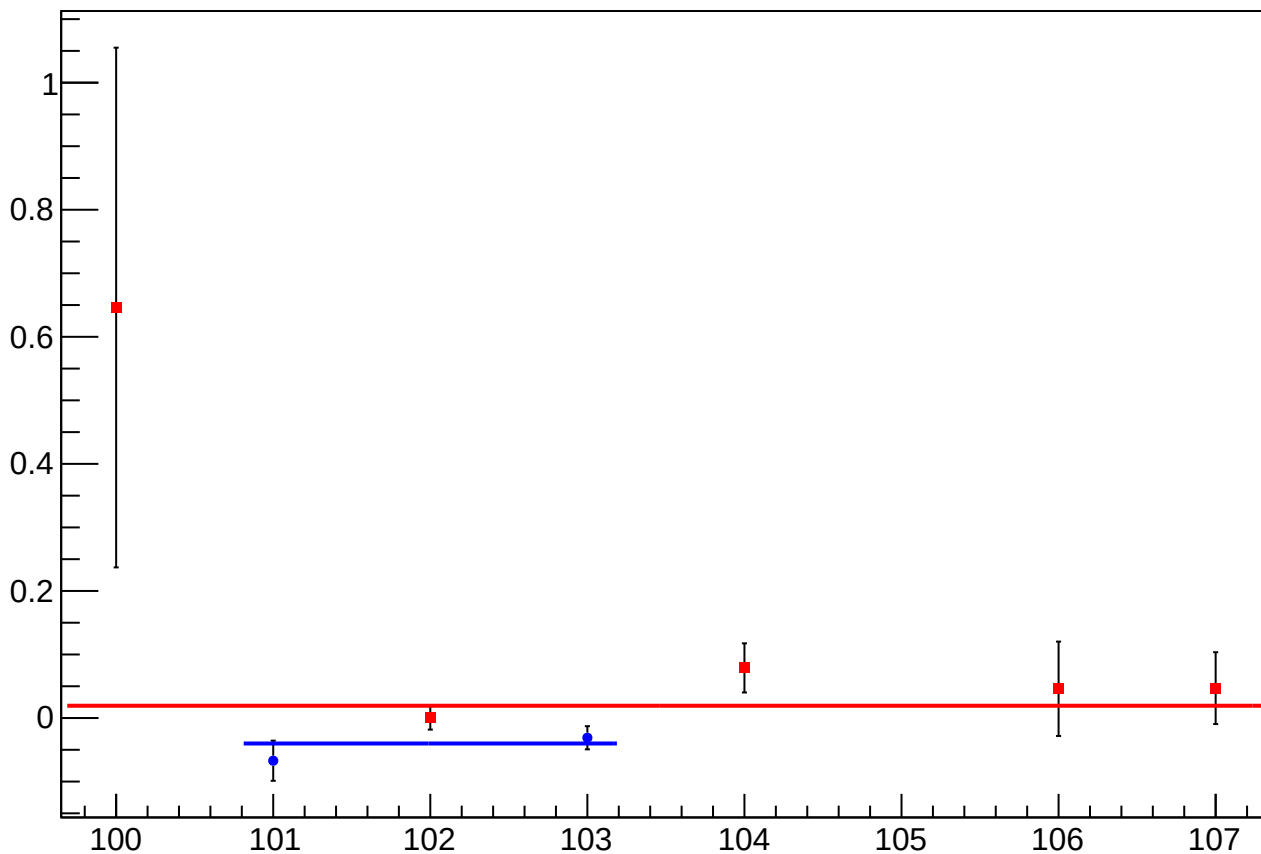
Right: 0.001+/-0.000 χ^2/NDF : 2535685.8/6

In: 0.002+/-0.000 χ^2/NDF : 1.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2535685.8/6

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040+/-0.016 χ^2/NDF : 1.0/1

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

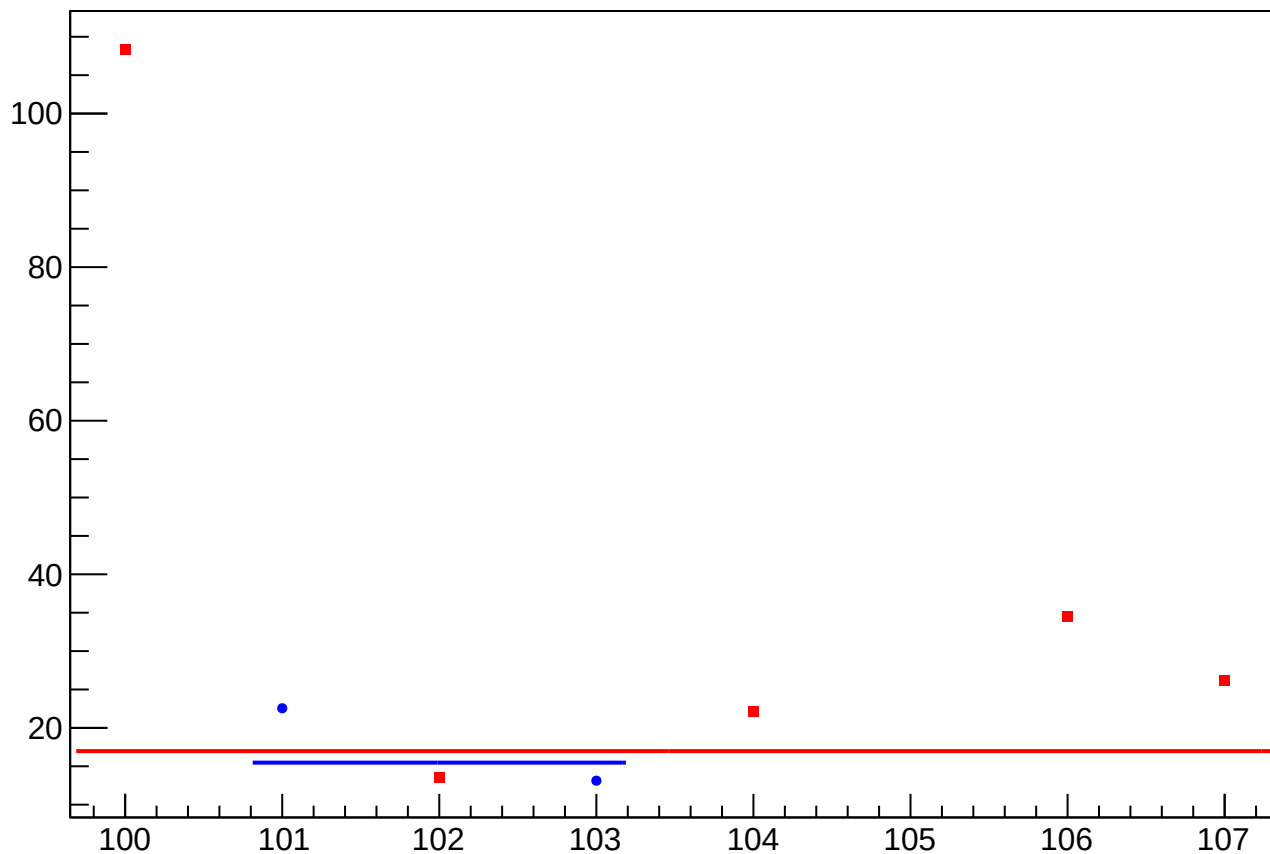
Right: -0.010+/-0.011 χ^2/NDF : 14.4/6

In: -0.040+/-0.016 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.011 χ^2/NDF : 14.4/6

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 15.476 $\pm$ 0.011 χ^2 /NDF: 133759.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.978 $\pm$ 0.011 χ^2 /NDF: 367057.8/4

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

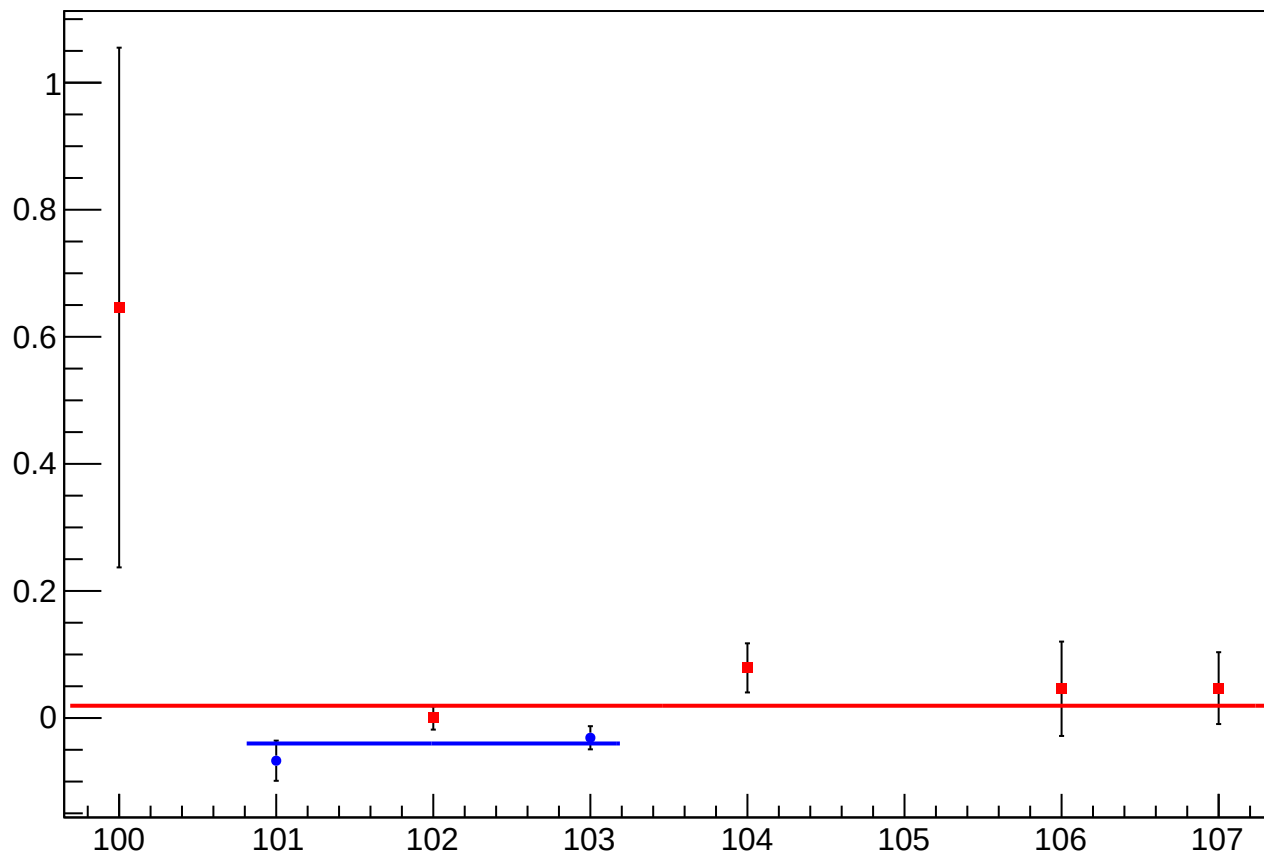
Right: 16.239 $\pm$ 0.008 χ^2 /NDF: 510011.4/6

In: 15.476 $\pm$ 0.011 χ^2 /NDF: 133759.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.239 $\pm$ 0.008 χ^2 /NDF: 510011.4/6

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040 $\pm$ 0.016 χ^2 /NDF: 1.0/1

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

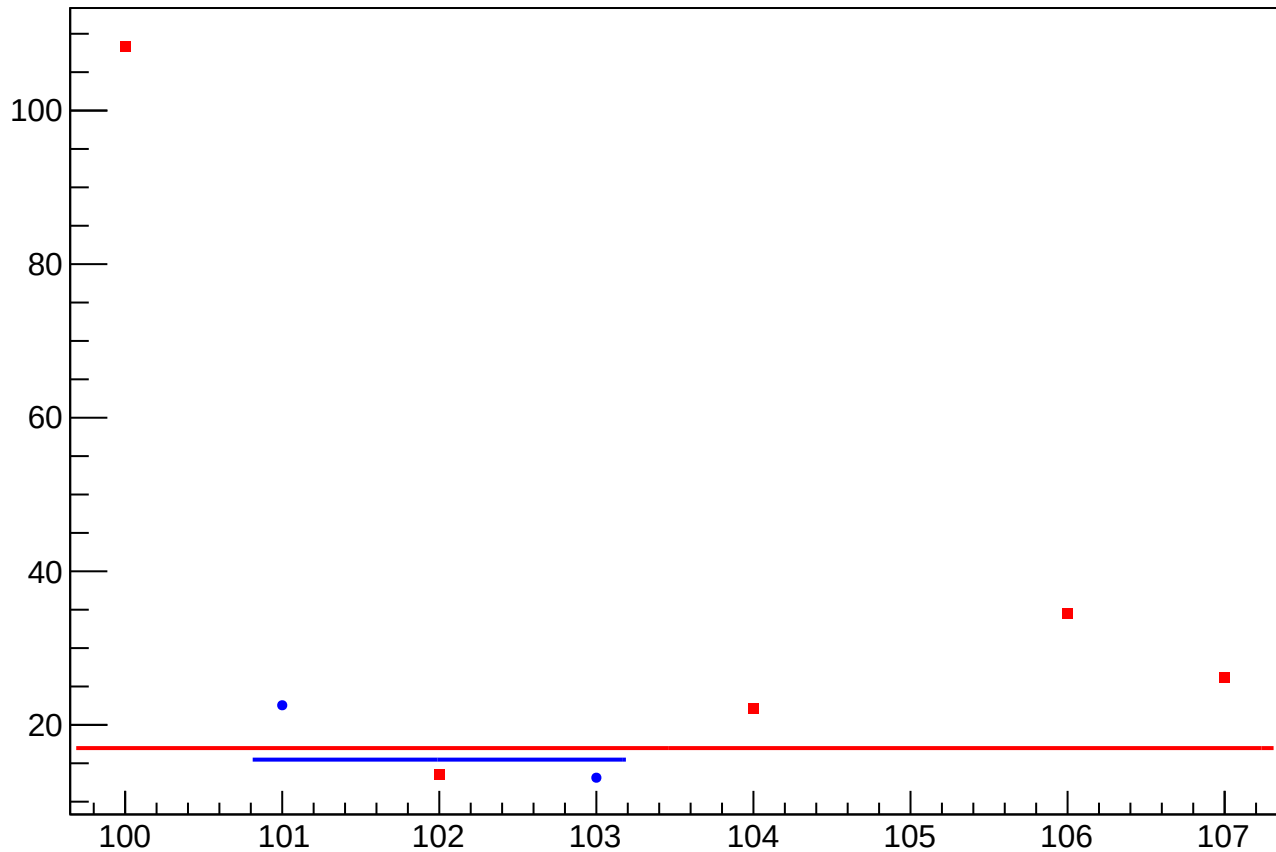
Right: -0.010 $\pm$ 0.011 χ^2 /NDF: 14.4/6

In: -0.040 $\pm$ 0.016 χ^2 /NDF:1.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.010 $\pm$ 0.011 χ^2 /NDF: 14.4/6

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 15.476+/-0.011 χ^2/NDF : 133759.4/1

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

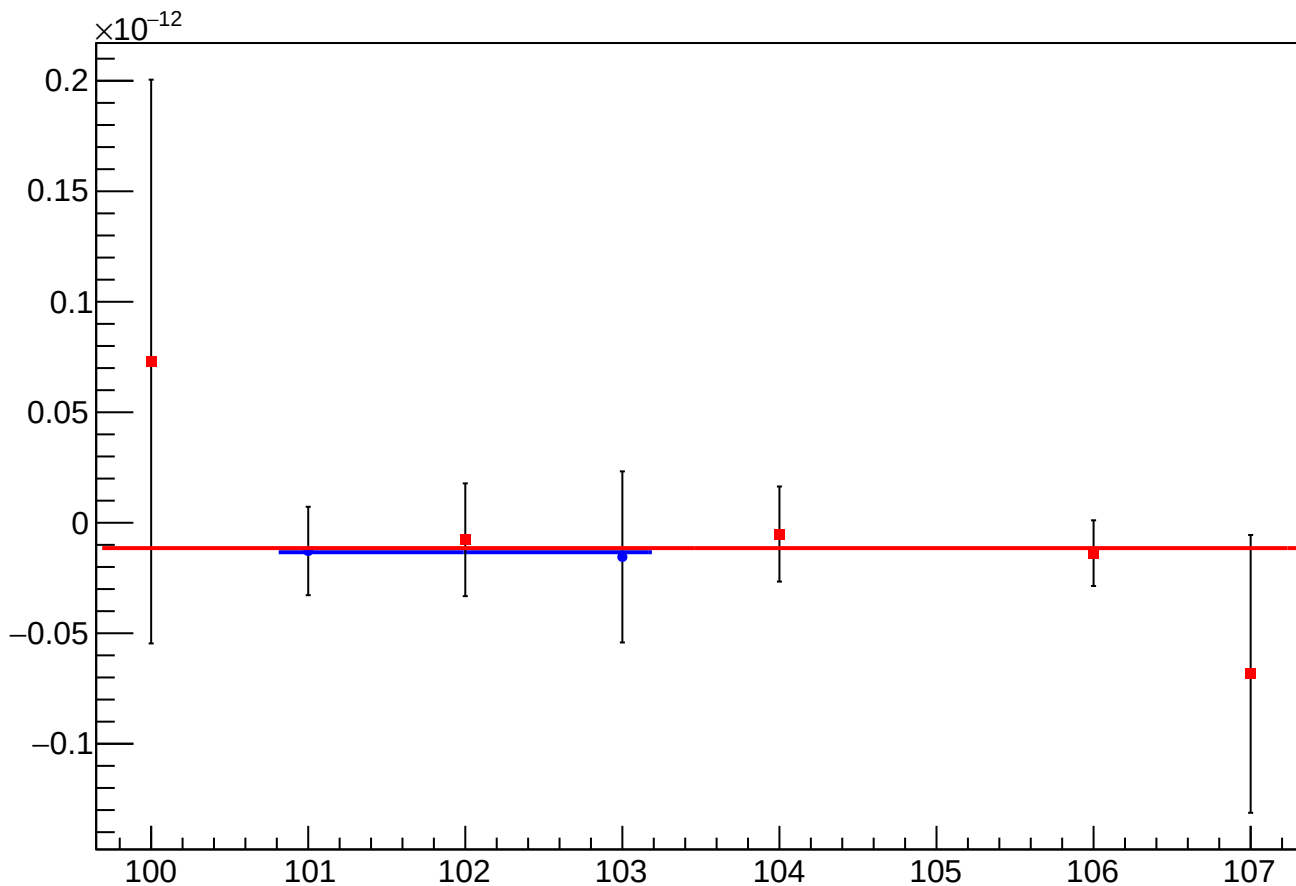
Right: 16.239+/-0.008 χ^2/NDF : 510011.4/6

In: 15.476+/-0.011 χ^2/NDF : 133759.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.239+/-0.008 χ^2/NDF : 510011.4/6

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/1

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

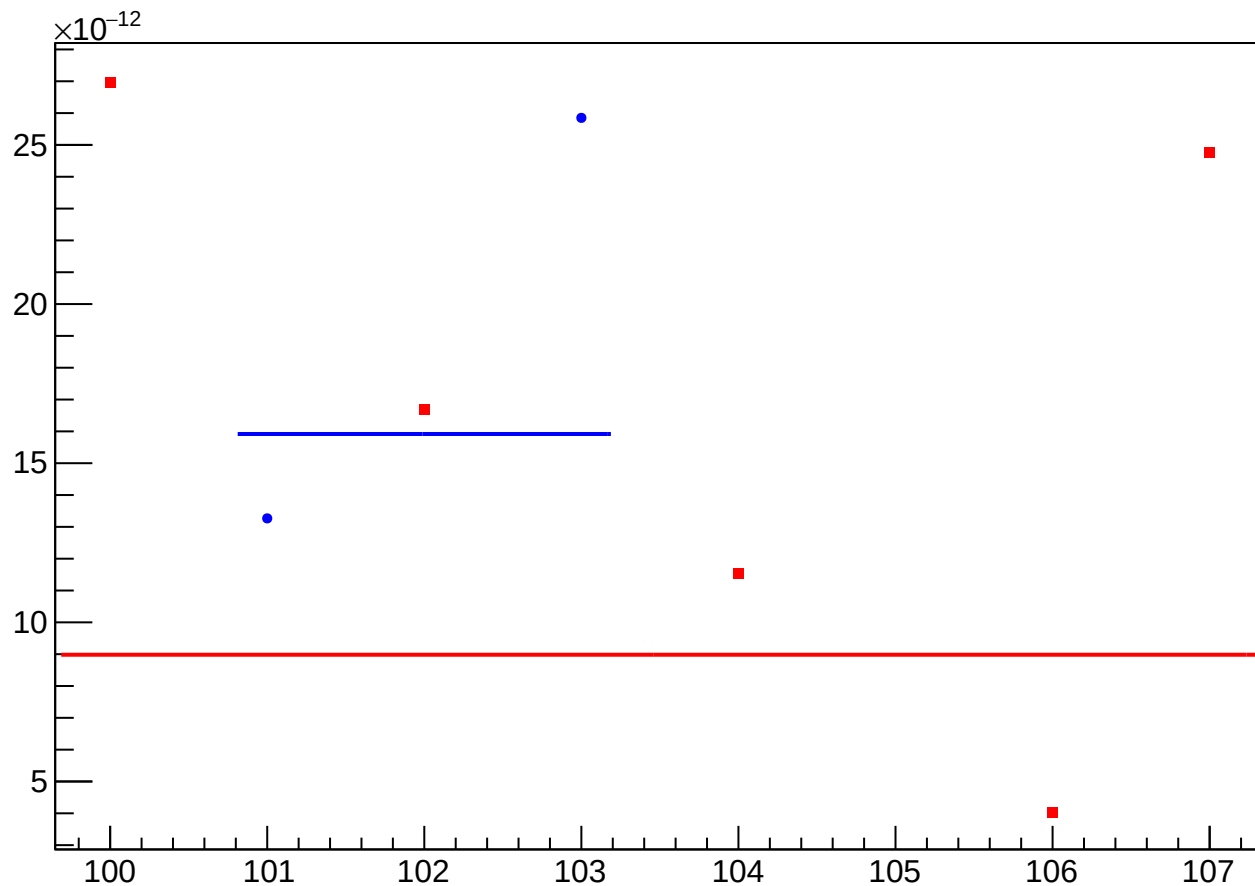
Right: -0.000+/-0.000 χ^2/NDF : 1.4/6

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1.4/6

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 166766.3/1

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

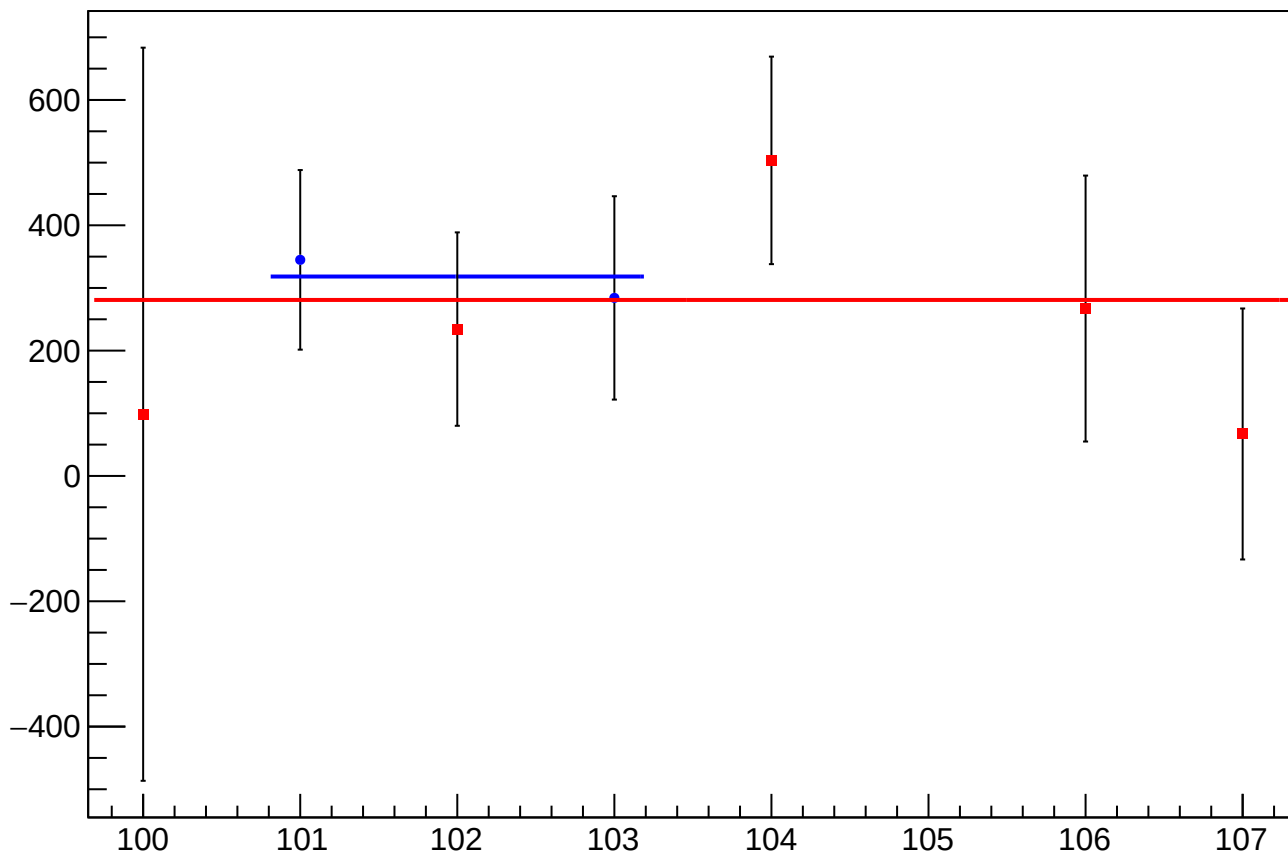
Right: 0.000+/-0.000 χ^2/NDF : 987566.2/6

In: 0.000+/-0.000 χ^2/NDF : 166766.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 987566.2/6

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 318.245 $\pm$ 107.424 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 280.865 $\pm$ 88.211 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

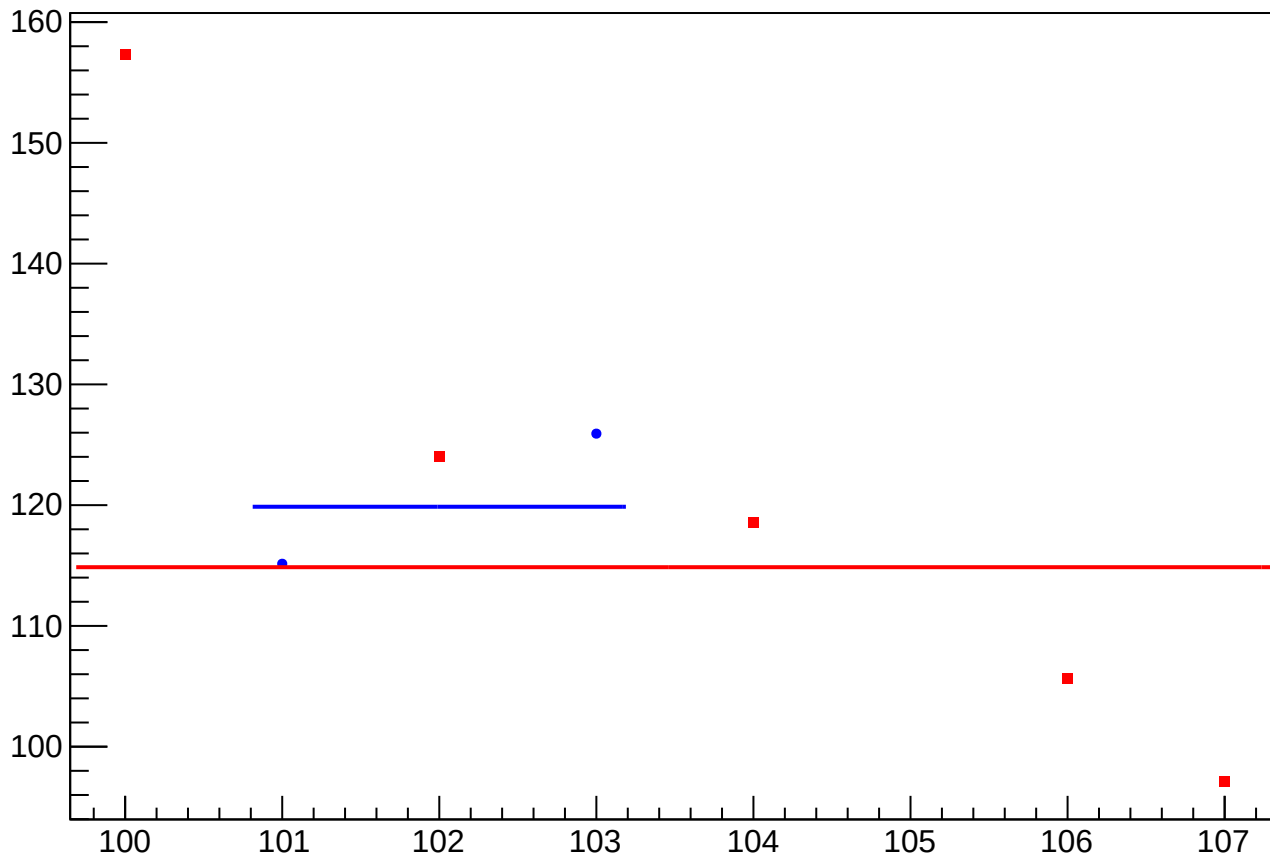
Right: 295.919 $\pm$ 68.172 χ^2 /NDF: 3.3/6

In: 318.245 $\pm$ 107.424 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 295.919 $\pm$ 68.172 χ^2 /NDF: 3.3/6

reg_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 119.868 $\pm$ 0.076 χ^2 /NDF: 4953.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 114.863 $\pm$ 0.062 χ^2 /NDF: 38043.0/4

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

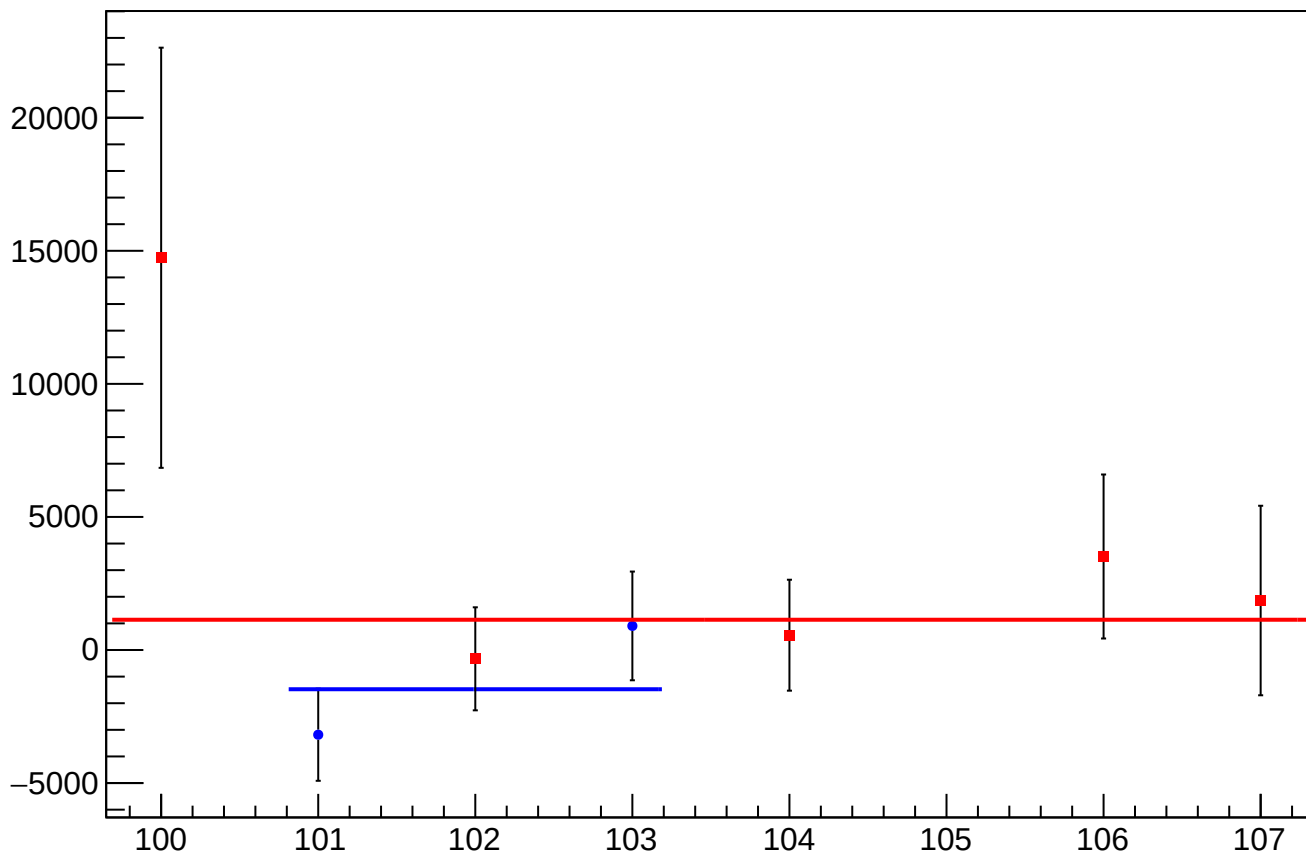
Right: 116.879 $\pm$ 0.048 χ^2 /NDF: 45590.7/6

In: 119.868 $\pm$ 0.076 χ^2 /NDF:4953.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 116.879 $\pm$ 0.048 χ^2 /NDF: 45590.7/6

asym_sam_24_68_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -1474.742 $\pm$ 1320.616 χ^2 /NDF: 2.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1136.743 $\pm$ 1197.535 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

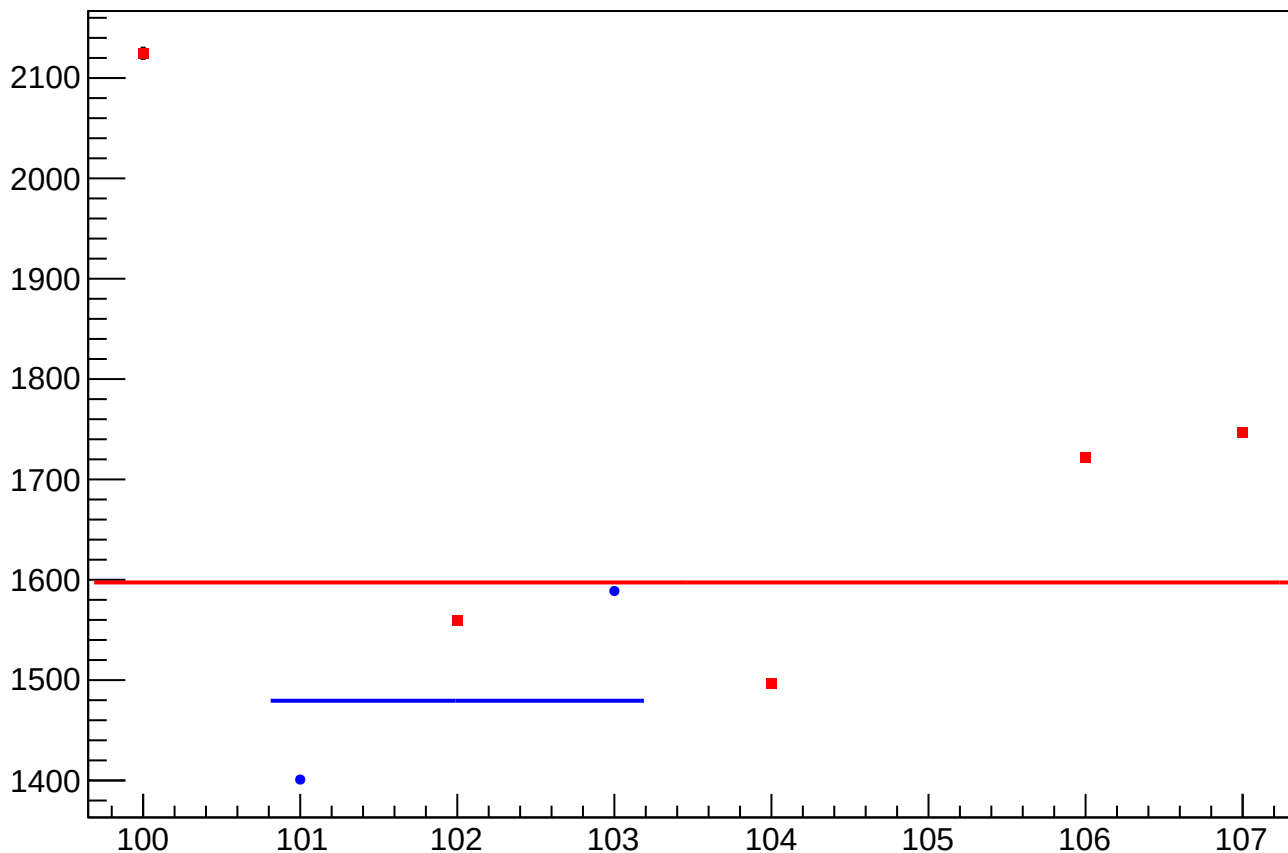
Right: -41.660 $\pm$ 887.115 χ^2 /NDF: 8.7/6

In: -1474.742 $\pm$ 1320.616 χ^2 /NDF: 2.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -41.660 $\pm$ 887.115 χ^2 /NDF: 8.7/6

asym_sam_24_68_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1479.443+/-0.934 χ^2/NDF : 9851.8/1

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

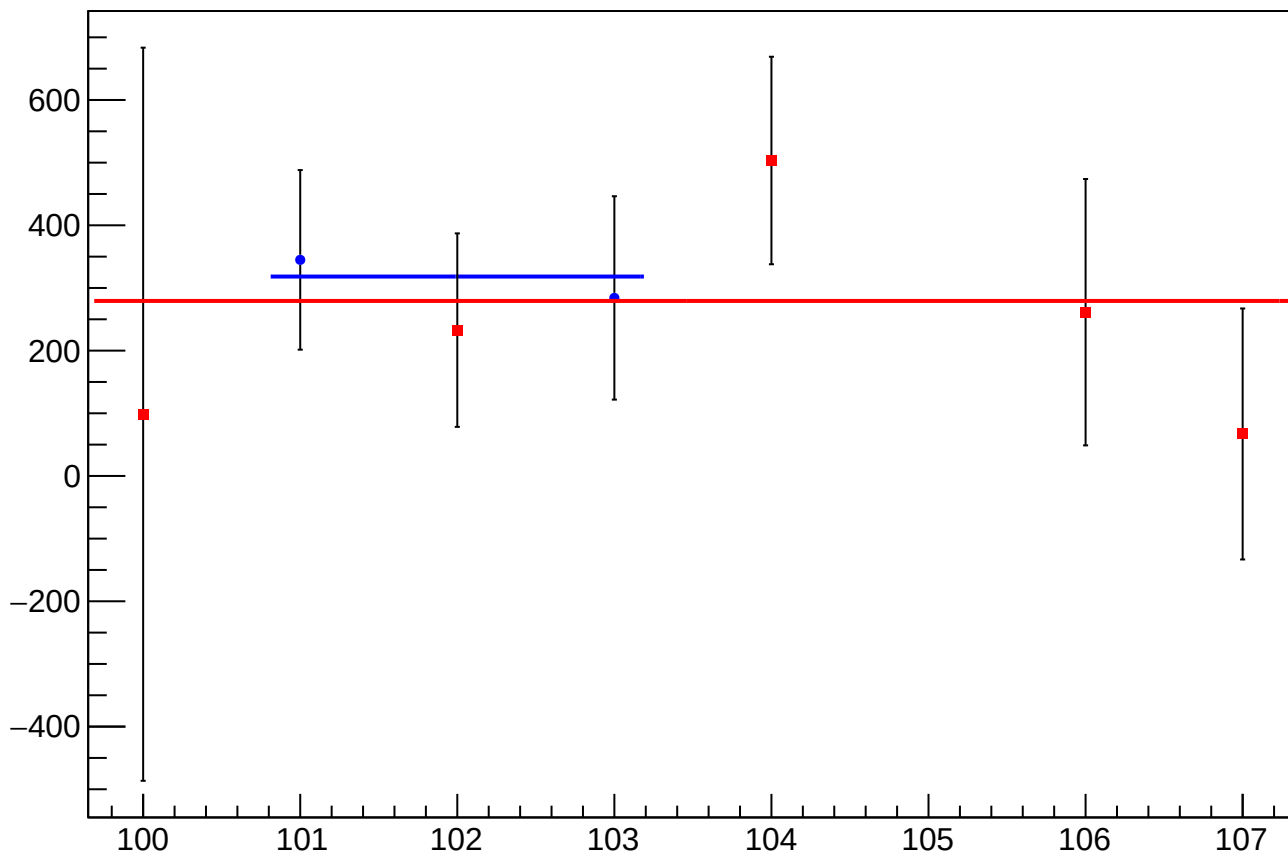
Right: 1544.139+/-0.627 χ^2/NDF : 39809.4/6

In: 1479.443+/-0.934 χ^2/NDF : 9851.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1544.139+/-0.627 χ^2/NDF : 39809.4/6

cor_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 318.235 $\pm$ 107.424 χ^2 /NDF: 0.1/1

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

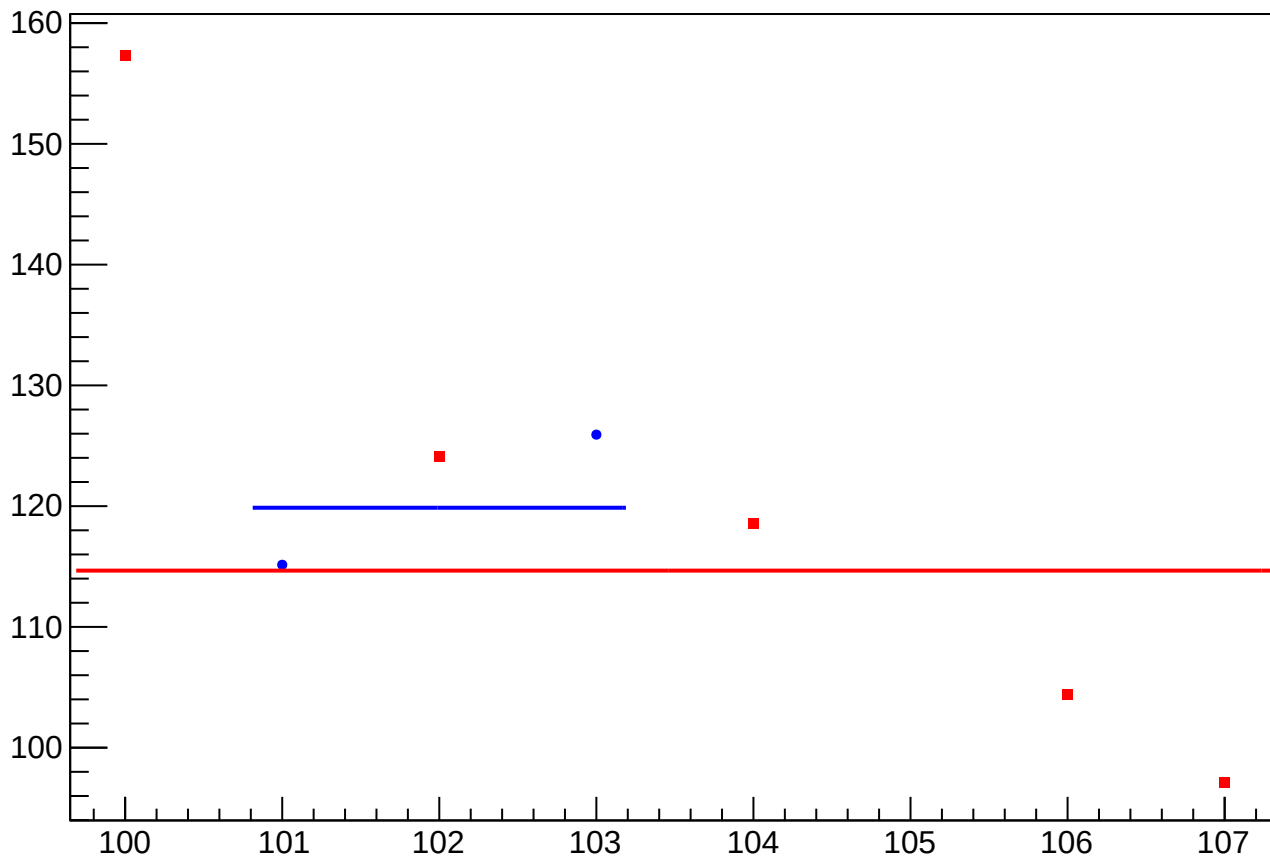
Right: 294.986 $\pm$ 68.189 χ^2 /NDF: 3.3/6

In: 318.235 $\pm$ 107.424 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 294.986 $\pm$ 68.189 χ^2 /NDF: 3.3/6

cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 119.869 $\pm$ 0.076 χ^2 /NDF: 4954.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 114.662 $\pm$ 0.062 χ^2 /NDF: 39226.2/4

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

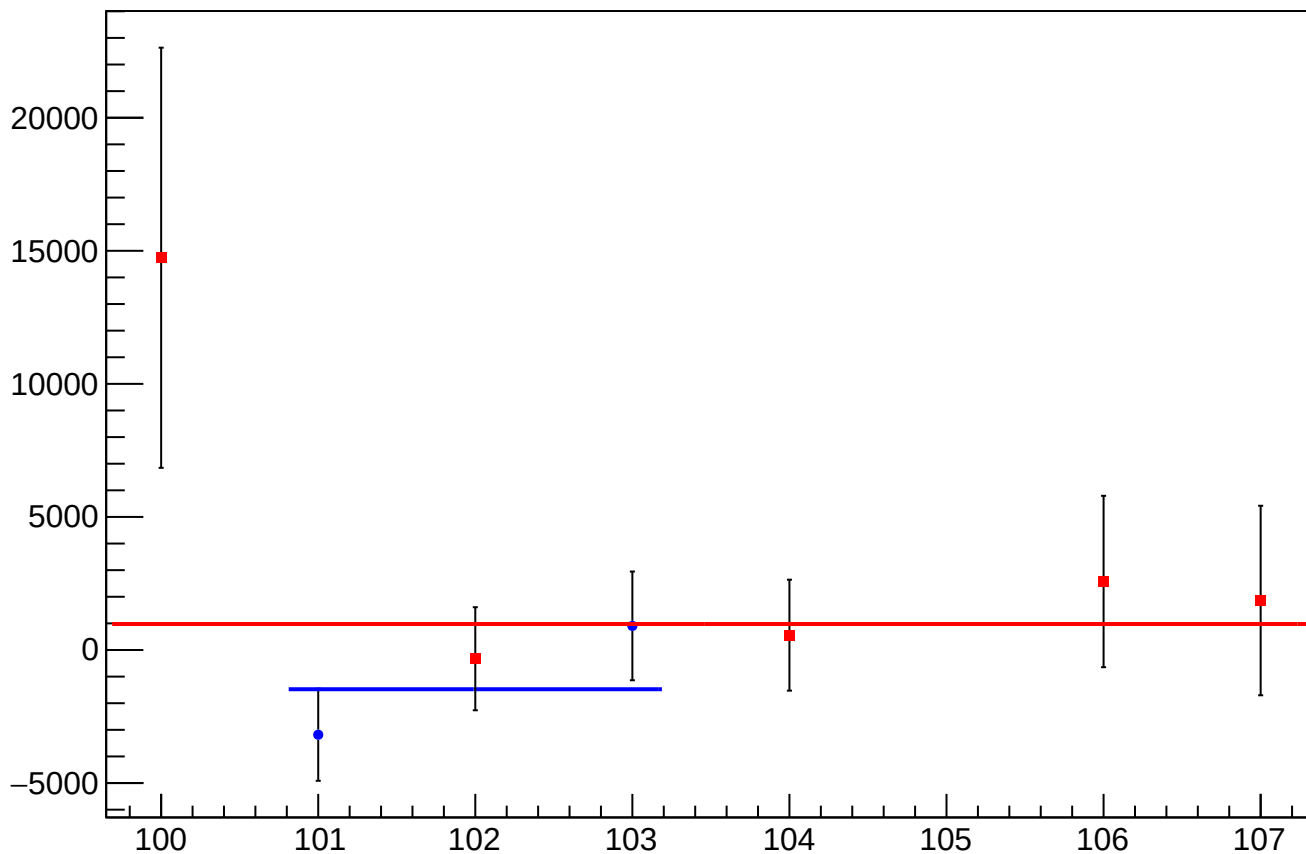
Right: 116.760 $\pm$ 0.048 χ^2 /NDF: 46985.9/6

In: 119.869 $\pm$ 0.076 χ^2 /NDF:4954.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 116.760 $\pm$ 0.048 χ^2 /NDF: 46985.9/6

asym_sam_24_68_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -1474.613+/-1320.638 χ^2/NDF : 2.3/1

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

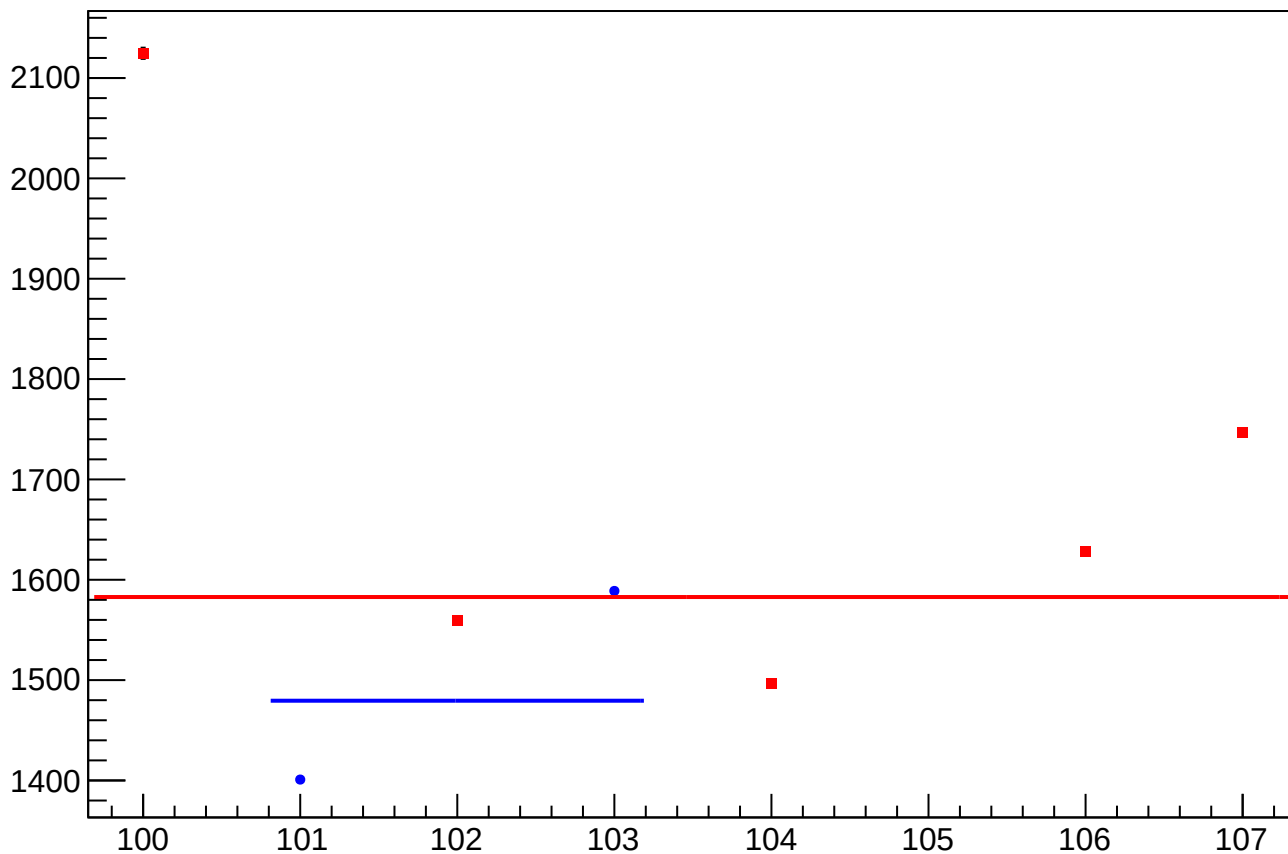
Right: -137.640+/-890.307 χ^2/NDF : 8.1/6

In: -1474.613+/-1320.638 χ^2/NDF : 2.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -137.640+/-890.307 χ^2/NDF : 8.1/6

asym_sam_24_68_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1479.466 $\pm$ 0.934 χ^2 /NDF: 9857.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1582.805 $\pm$ 0.852 χ^2 /NDF: 17786.1/4

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

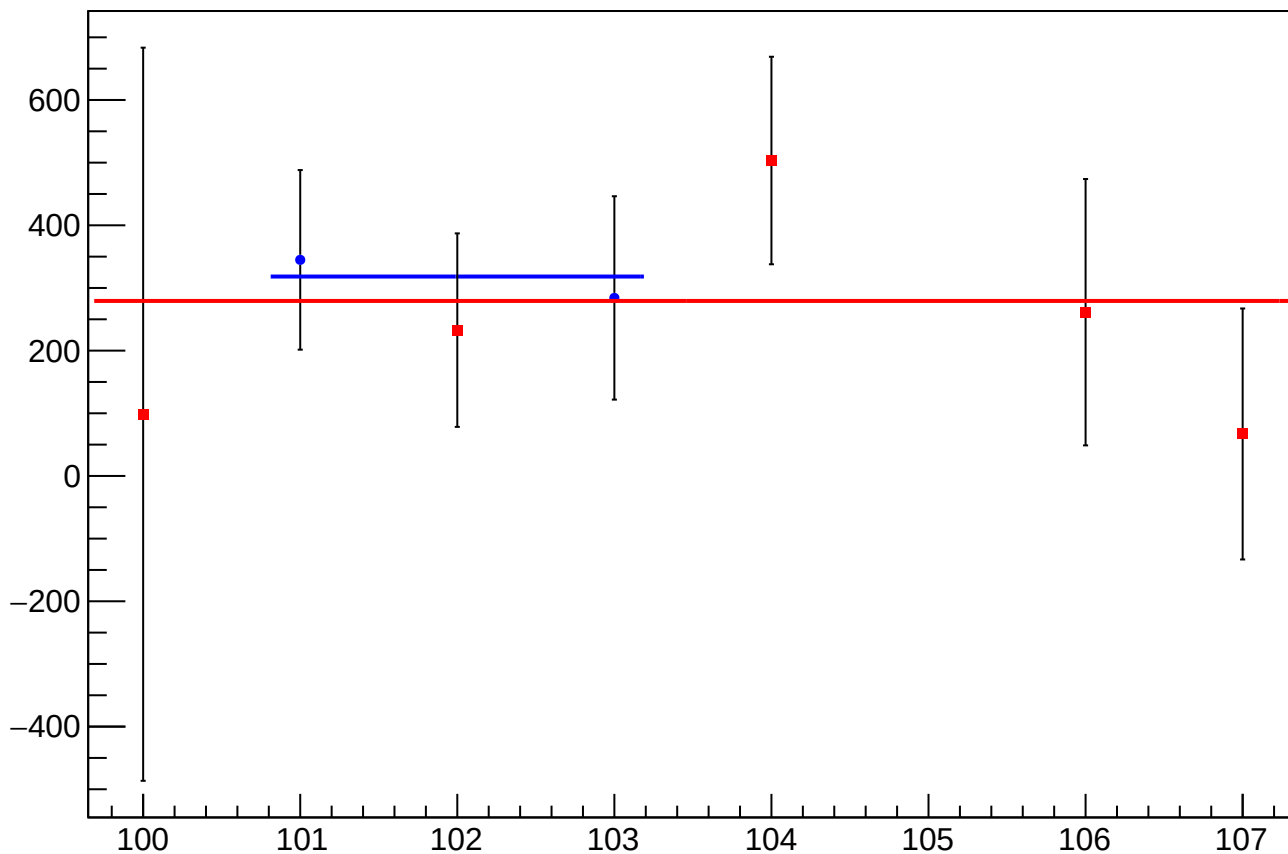
Right: 1535.840 $\pm$ 0.630 χ^2 /NDF: 34323.9/6

In: 1479.466 $\pm$ 0.934 χ^2 /NDF: 9857.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1535.840 $\pm$ 0.630 χ^2 /NDF: 34323.9/6

eigen_cor_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 318.235 $\pm$ 107.424 χ^2 /NDF: 0.1/1

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

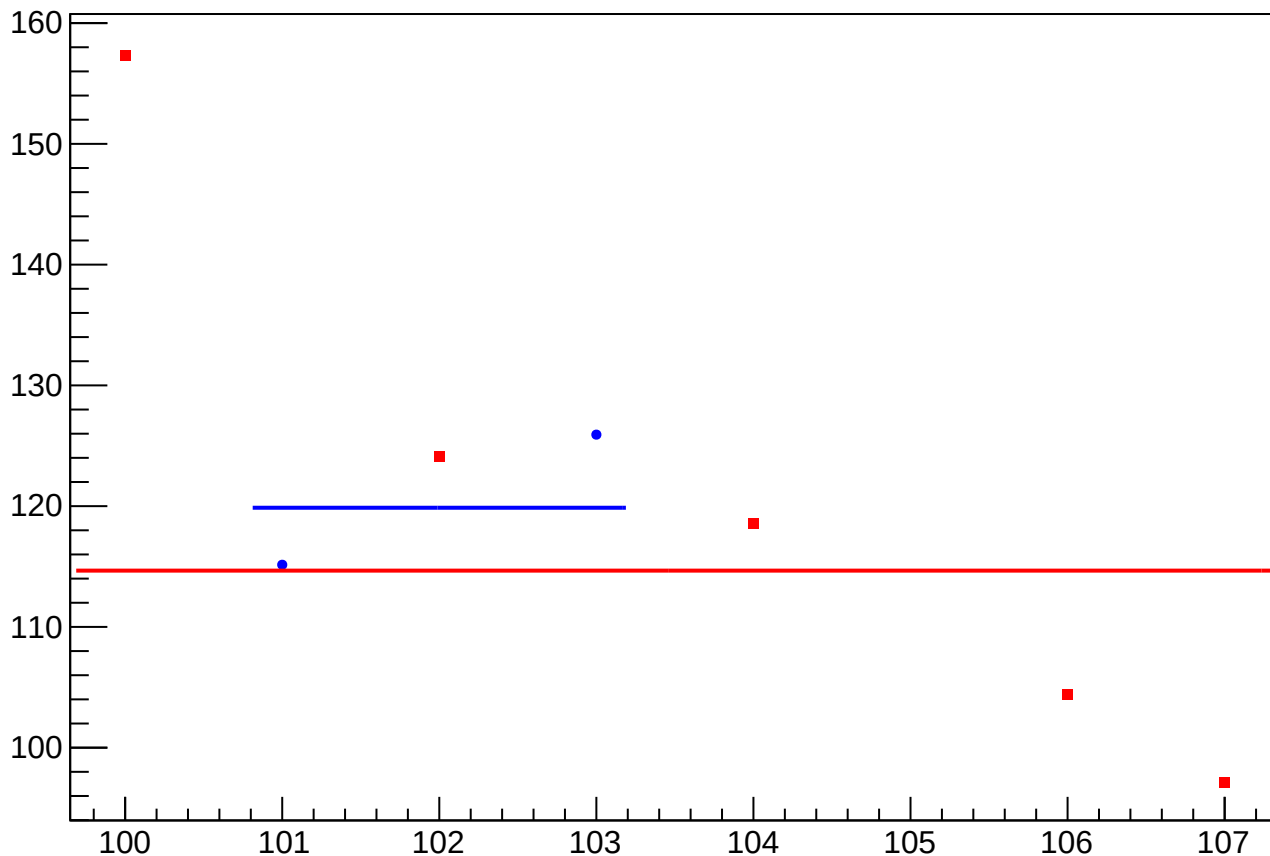
Right: 294.986 $\pm$ 68.189 χ^2 /NDF: 3.3/6

In: 318.235 $\pm$ 107.424 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 294.986 $\pm$ 68.189 χ^2 /NDF: 3.3/6

eigen_cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 119.869+/-0.076 χ^2/NDF : 4954.2/1

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

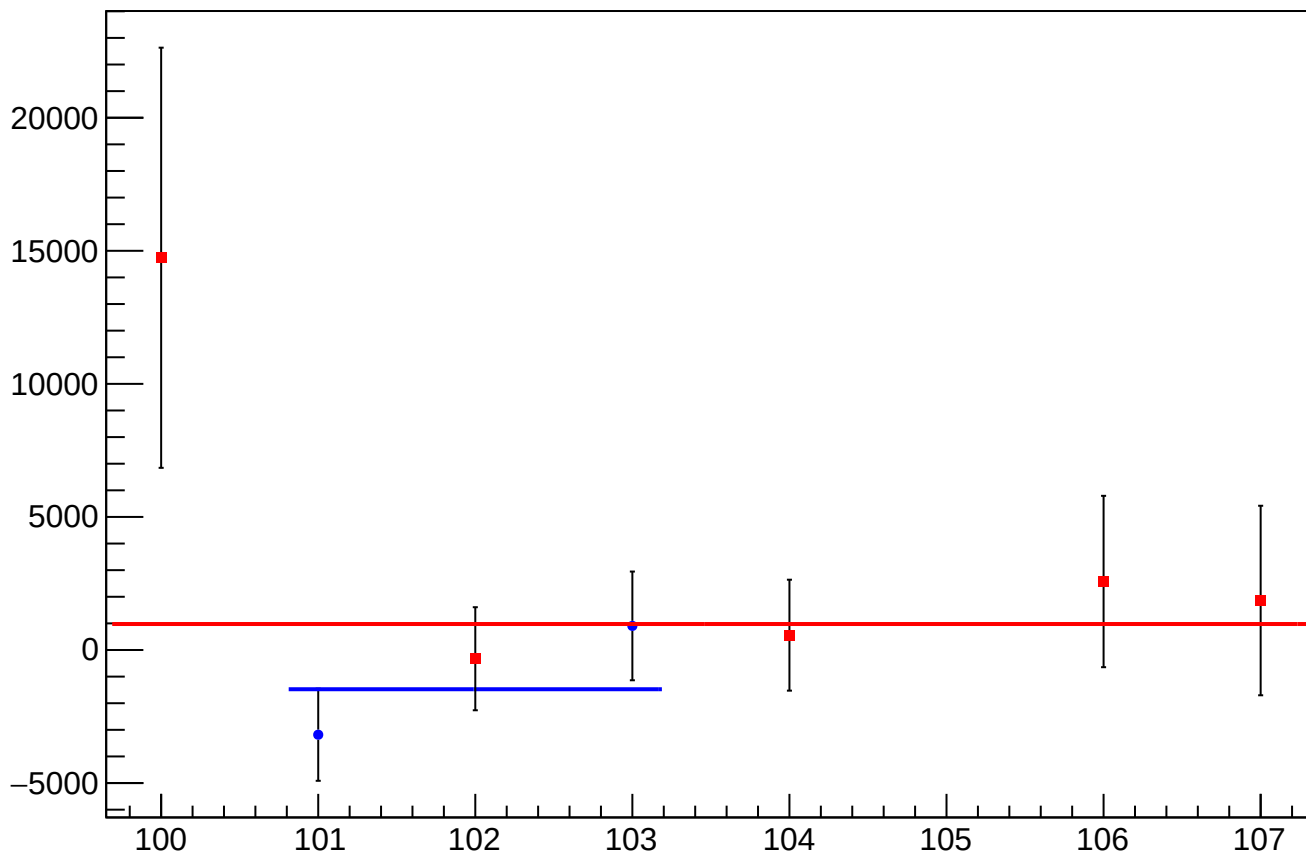
Right: 116.760+/-0.048 χ^2/NDF : 46985.9/6

In: 119.869+/-0.076 χ^2/NDF : 4954.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.760+/-0.048 χ^2/NDF : 46985.9/6

asym_sam_24_68_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1474.613+/-1320.638 χ^2/NDF : 2.3/1

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

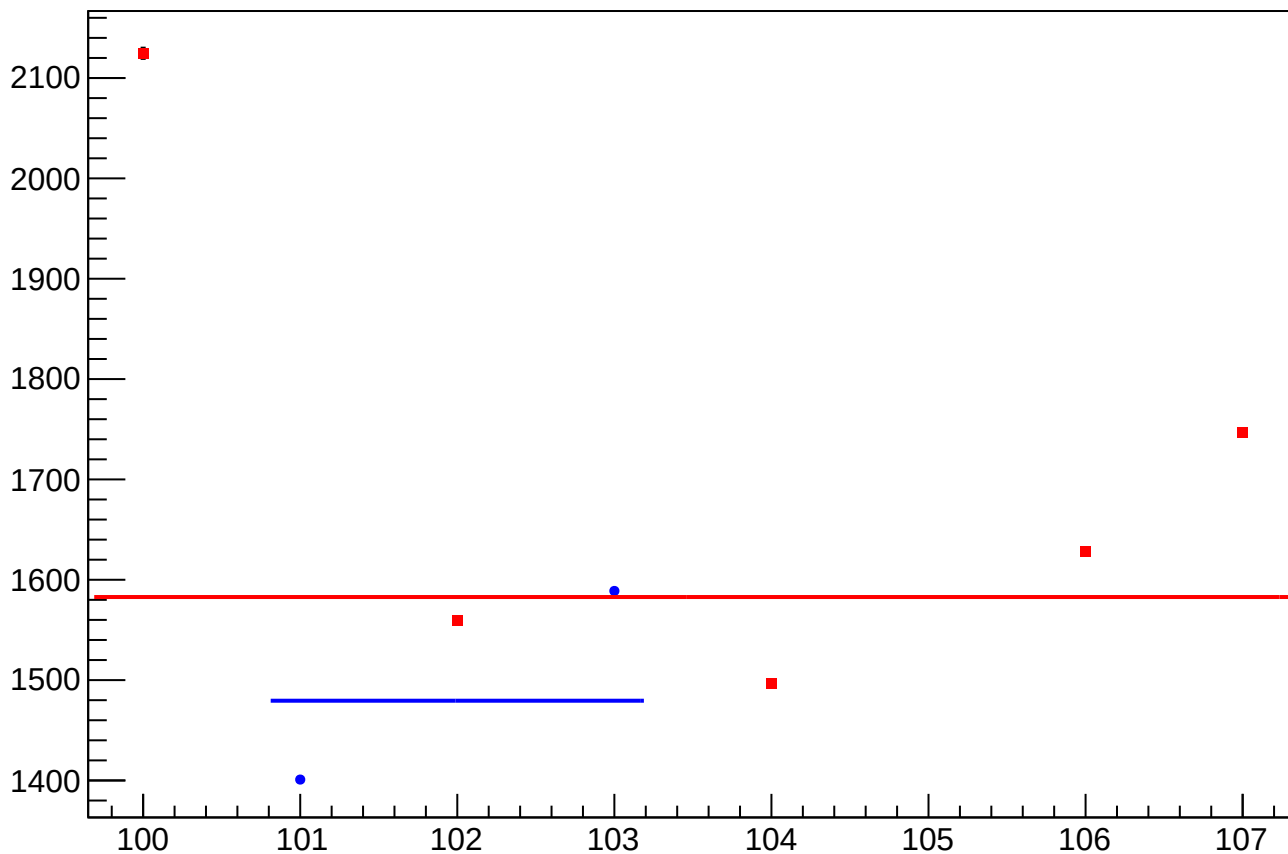
Right: -137.640+/-890.307 χ^2/NDF : 8.1/6

In: -1474.613+/-1320.638 χ^2/NDF : 2.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -137.640+/-890.307 χ^2/NDF : 8.1/6

asym_sam_24_68_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1479.466 $\pm$ 0.934 χ^2 /NDF: 9857.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1582.805 $\pm$ 0.852 χ^2 /NDF: 17786.1/4

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

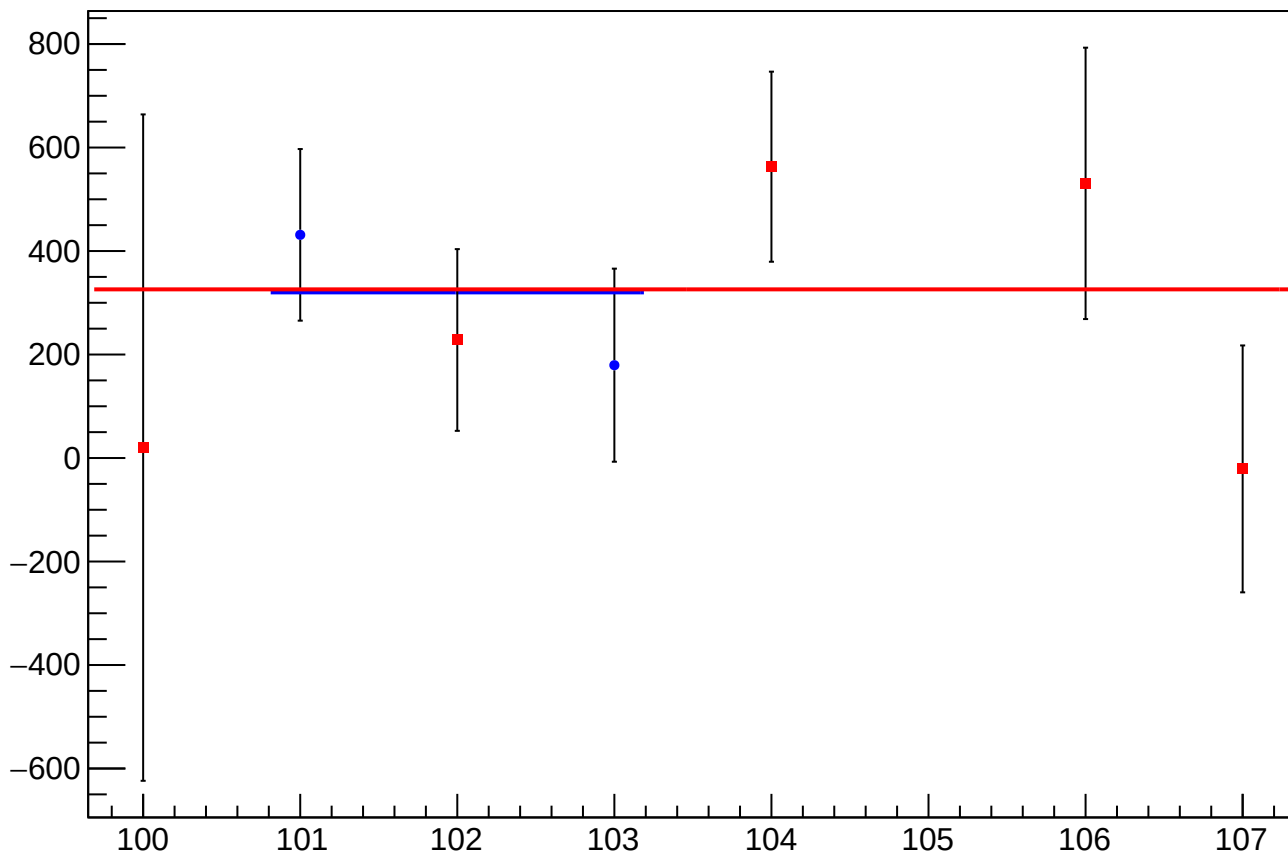
Right: 1535.840 $\pm$ 0.630 χ^2 /NDF: 34323.9/6

In: 1479.466 $\pm$ 0.934 χ^2 /NDF: 9857.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1535.840 $\pm$ 0.630 χ^2 /NDF: 34323.9/6

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 320.112 $\pm$ 123.947 χ^2 /NDF: 1.0/1

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

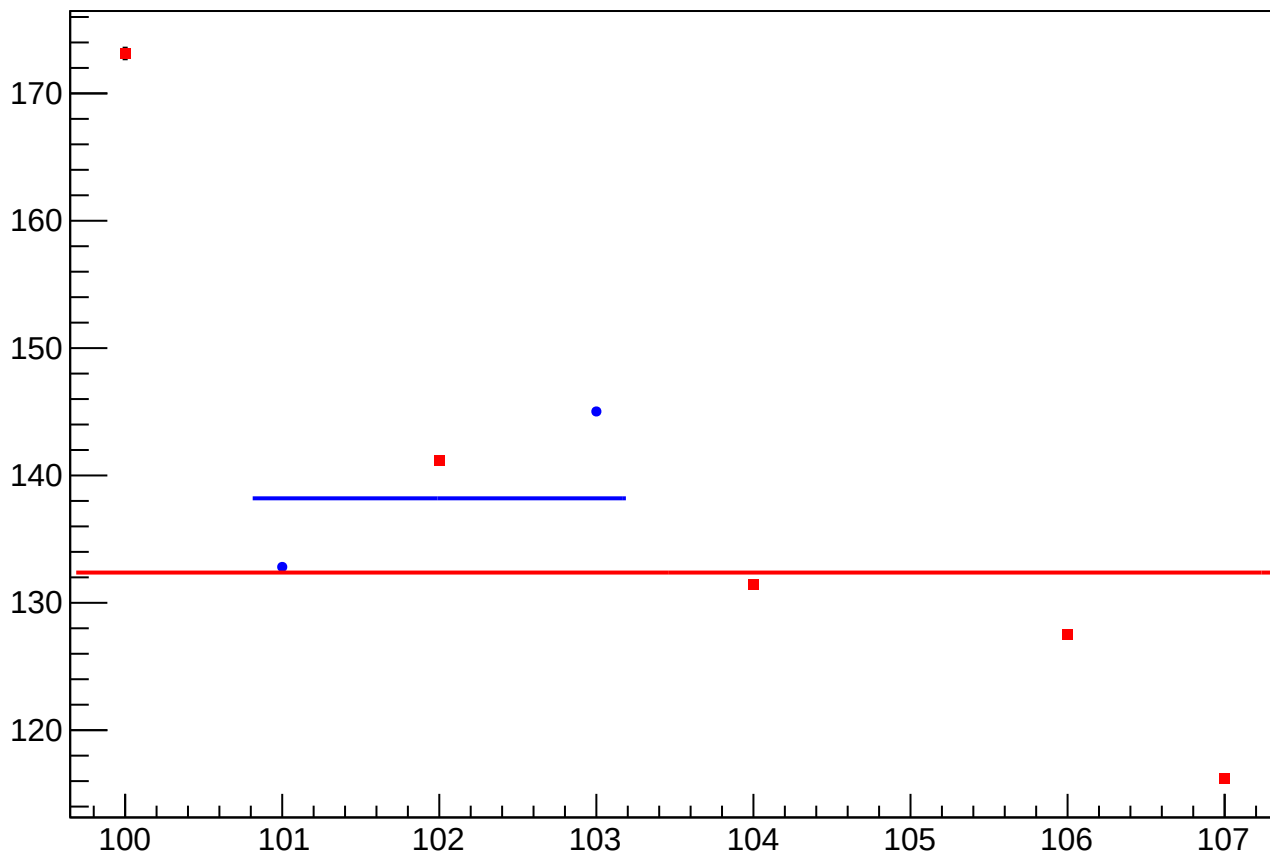
Right: 323.585 $\pm$ 78.641 χ^2 /NDF: 5.9/6

In: 320.112 $\pm$ 123.947 χ^2 /NDF:1.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 323.585 $\pm$ 78.641 χ^2 /NDF: 5.9/6

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 138.205 $\pm$ 0.088 χ^2 /NDF: 4784.4/1

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

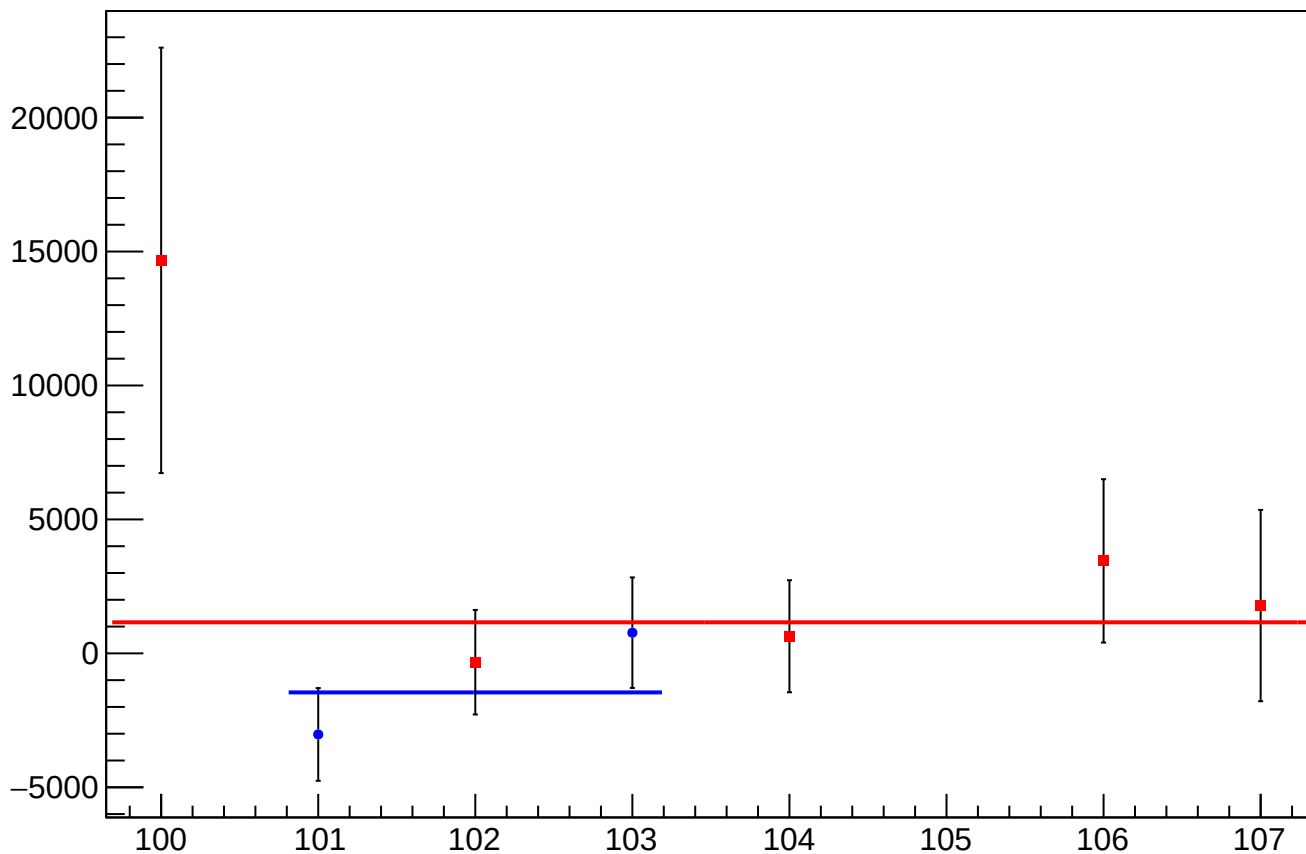
Right: 134.723 $\pm$ 0.056 χ^2 /NDF: 30380.8/6

In: 138.205 $\pm$ 0.088 χ^2 /NDF:4784.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 134.723 $\pm$ 0.056 χ^2 /NDF: 30380.8/6

asym_sam_24_68_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -1457.849+/-1325.888 χ^2/NDF : 2.0/1

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

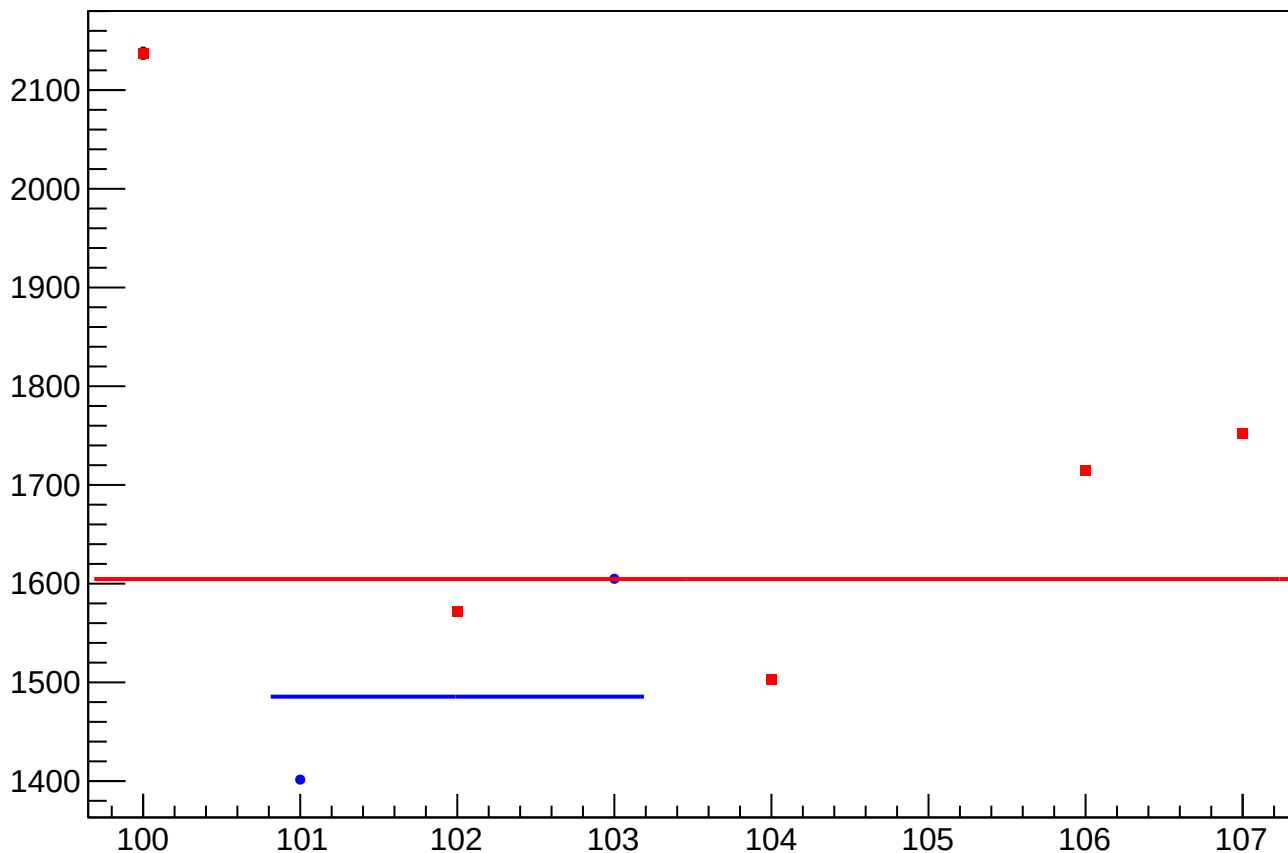
Right: -20.835+/-890.259 χ^2/NDF : 8.3/6

In: -1457.849+/-1325.888 χ^2/NDF : 2.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.835+/-890.259 χ^2/NDF : 8.3/6

asym_sam_24_68_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1485.528+/-0.938 χ^2/NDF : 11411.0/1

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

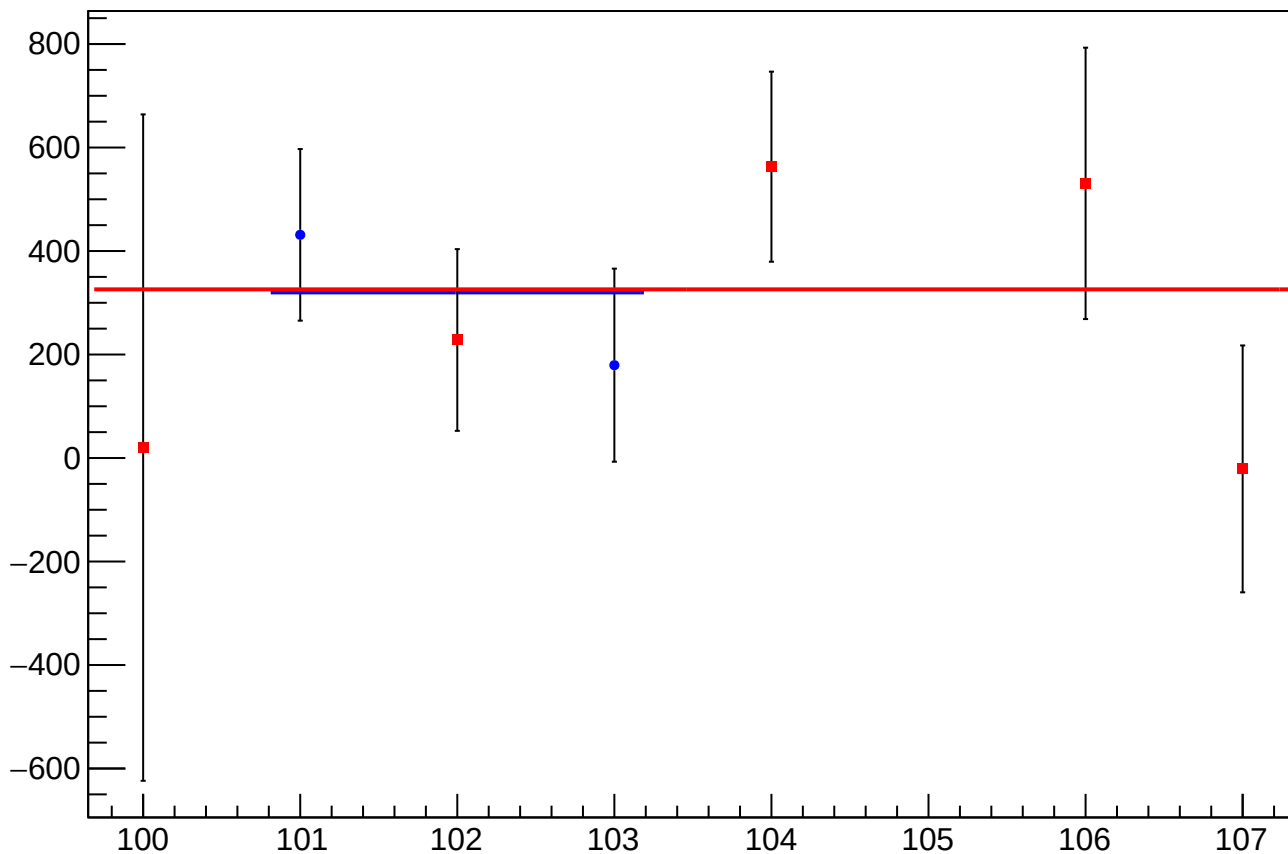
Right: 1550.953+/-0.630 χ^2/NDF : 40616.0/6

In: 1485.528+/-0.938 χ^2/NDF : 11411.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1550.953+/-0.630 χ^2/NDF : 40616.0/6

eigen_dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 320.108 $\pm$ 123.947 χ^2 /NDF: 1.0/1

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

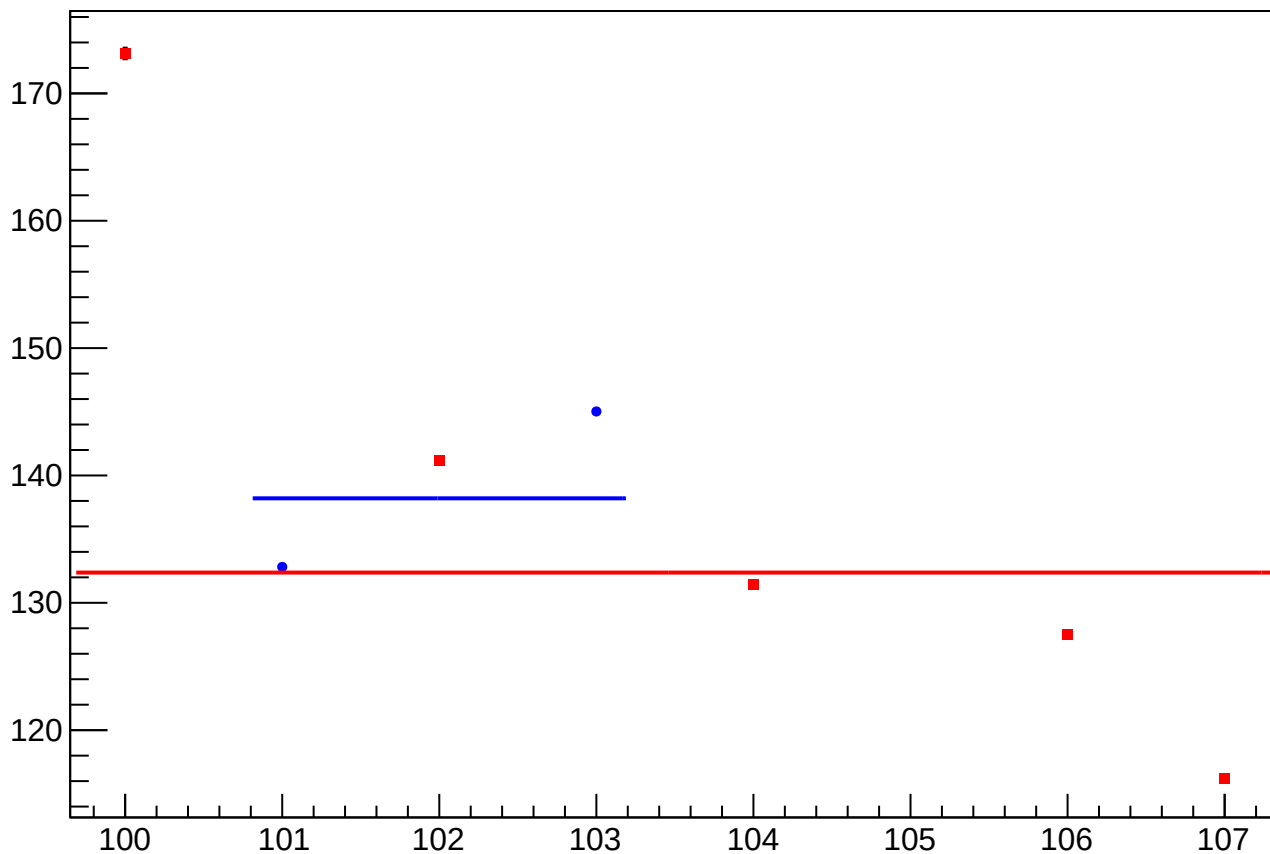
Right: 323.584 $\pm$ 78.641 χ^2 /NDF: 5.9/6

In: 320.108 $\pm$ 123.947 χ^2 /NDF:1.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 323.584 $\pm$ 78.641 χ^2 /NDF: 5.9/6

eigen_dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 138.205 $\pm$ 0.088 χ^2 /NDF: 4784.1/1

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

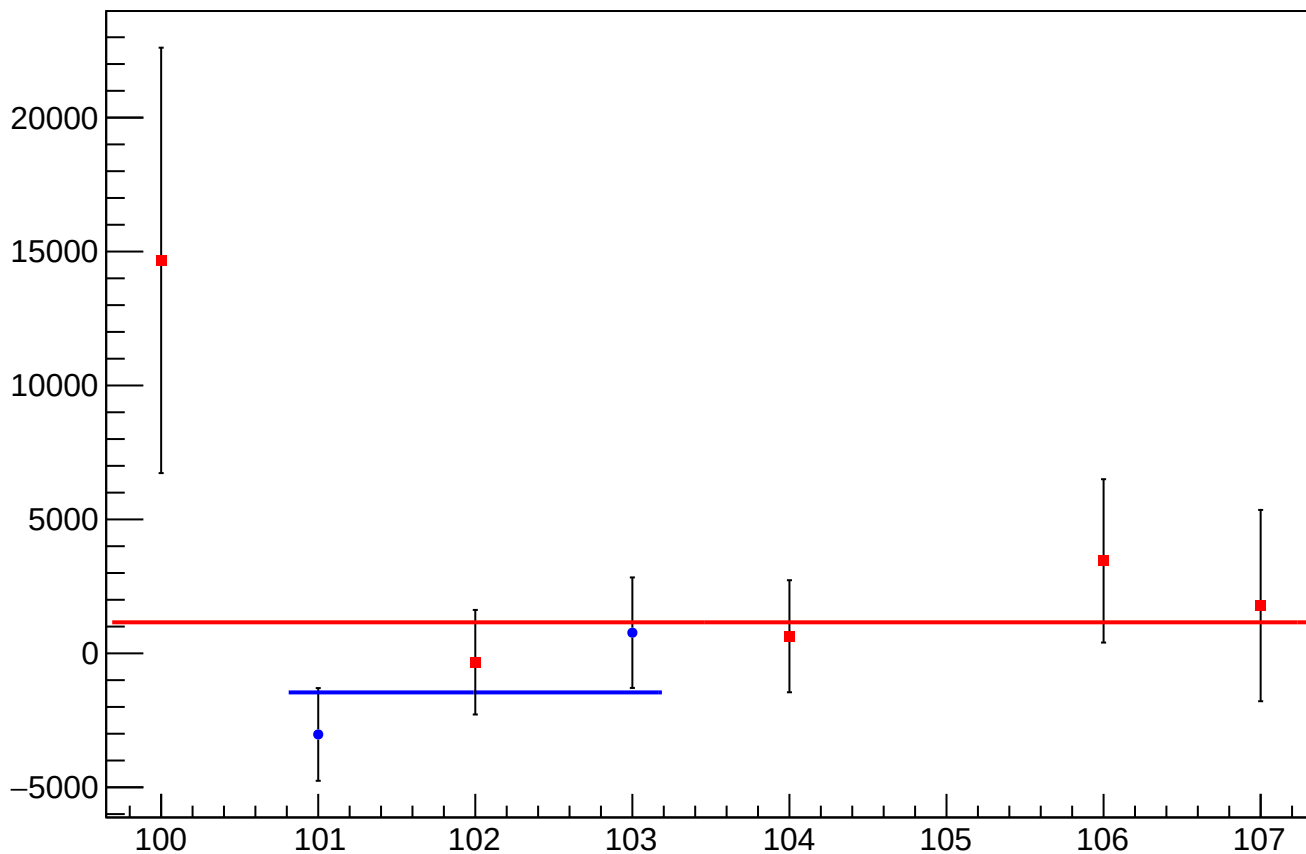
Right: 134.722 $\pm$ 0.056 χ^2 /NDF: 30380.7/6

In: 138.205 $\pm$ 0.088 χ^2 /NDF:4784.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 134.722 $\pm$ 0.056 χ^2 /NDF: 30380.7/6

asym_sam_24_68_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1457.850+/-1325.886 χ^2/NDF : 2.0/1

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

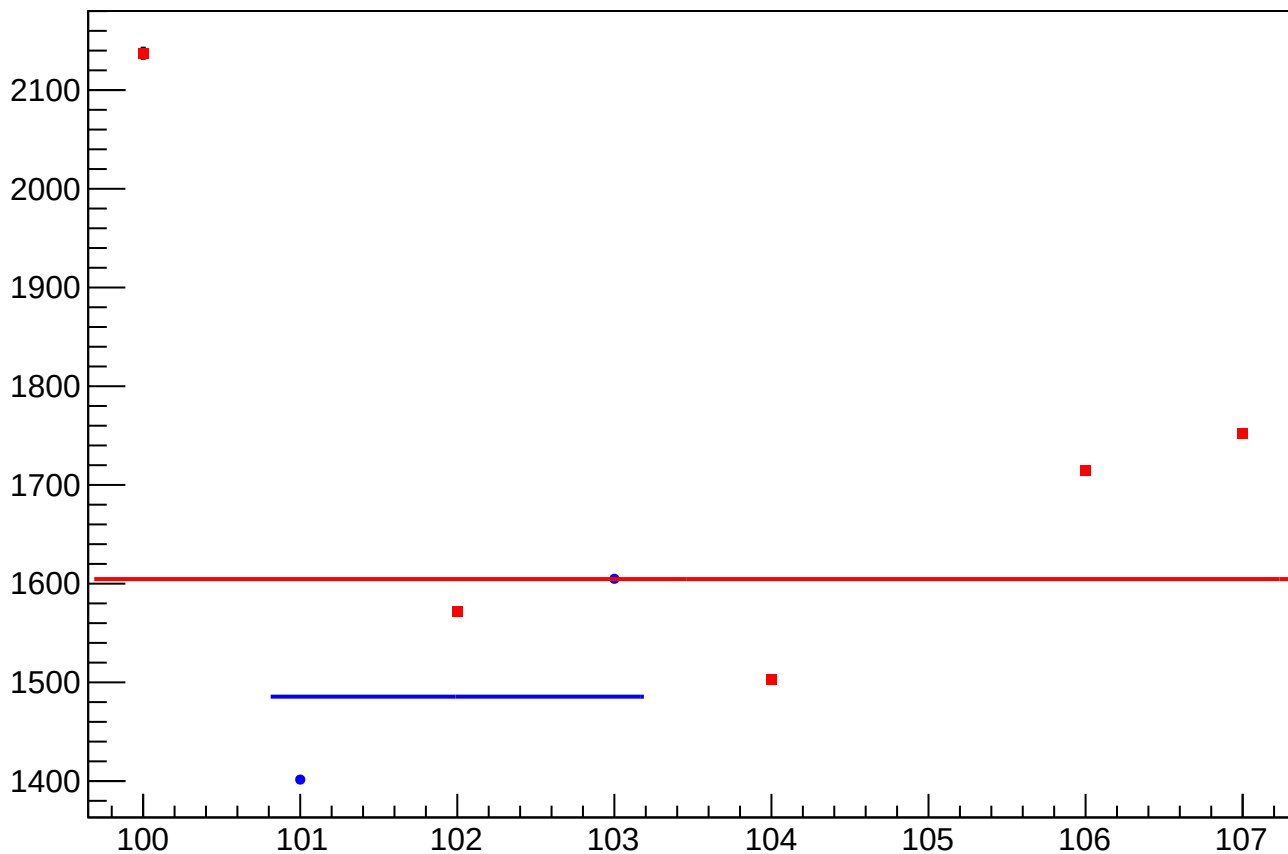
Right: -20.836+/-890.258 χ^2/NDF : 8.3/6

In: -1457.850+/-1325.886 χ^2/NDF : 2.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.836+/-890.258 χ^2/NDF : 8.3/6

asym_sam_24_68_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1485.527+/-0.938 χ^2/NDF : 11410.8/1

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

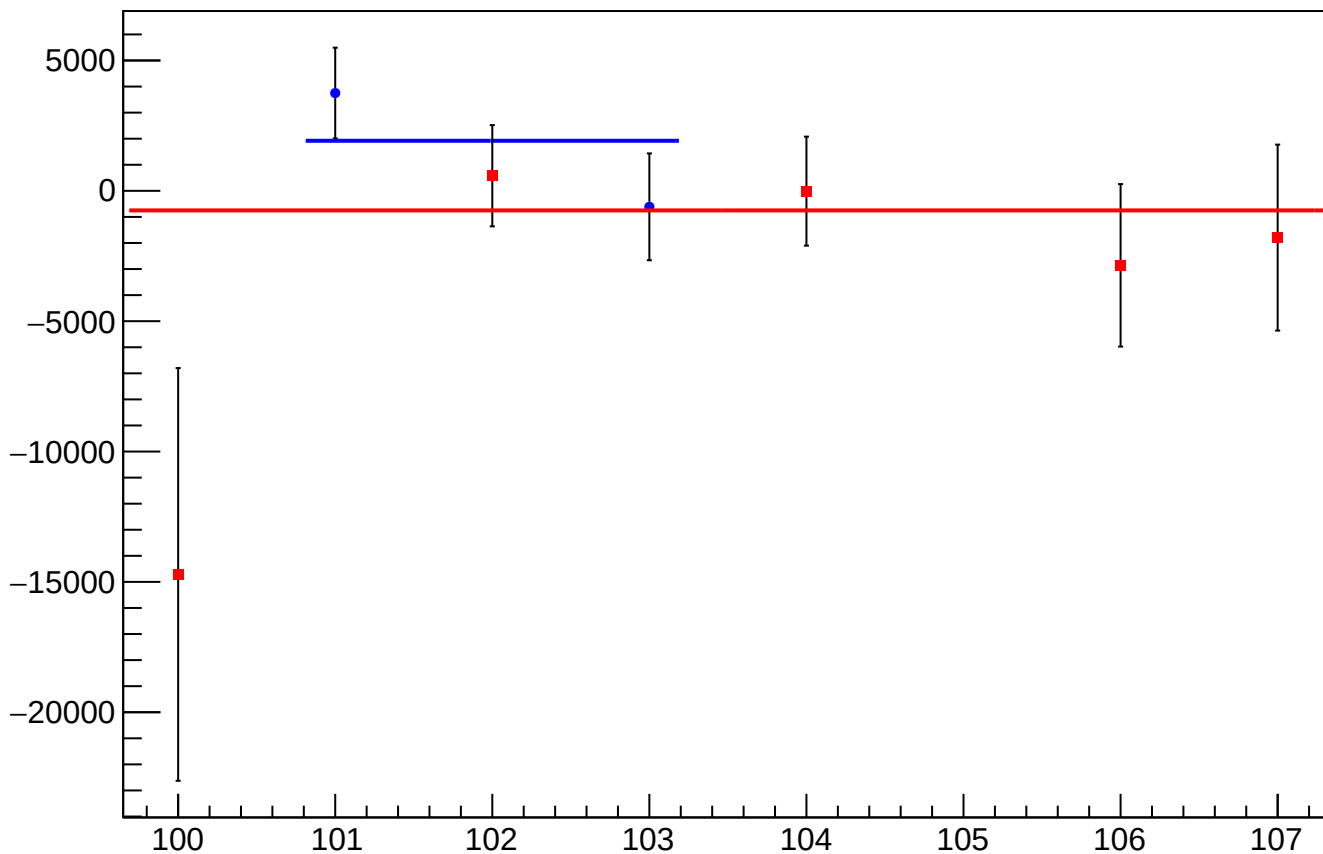
Right: 1550.951+/-0.630 χ^2/NDF : 40616.0/6

In: 1485.527+/-0.938 χ^2/NDF : 11410.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1550.951+/-0.630 χ^2/NDF : 40616.0/6

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1920.457 $\pm$ 1326.868 χ^2 /NDF: 2.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -750.748 $\pm$ 1202.638 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

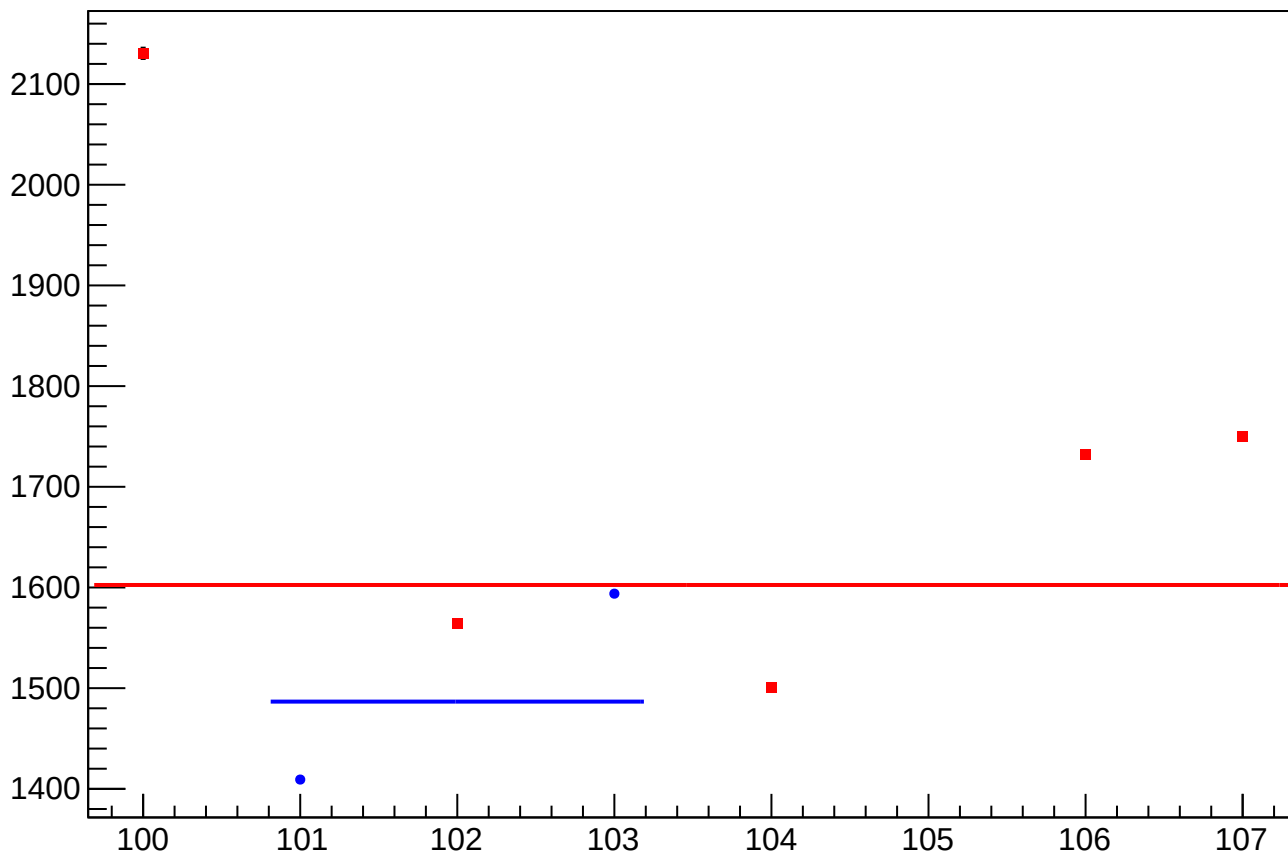
Right: 453.981 $\pm$ 891.084 χ^2 /NDF: 9.1/6

In: 1920.457 $\pm$ 1326.868 χ^2 /NDF:2.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 453.981 $\pm$ 891.084 χ^2 /NDF: 9.1/6

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1486.656+/-0.938 χ^2/NDF : 9428.8/1

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

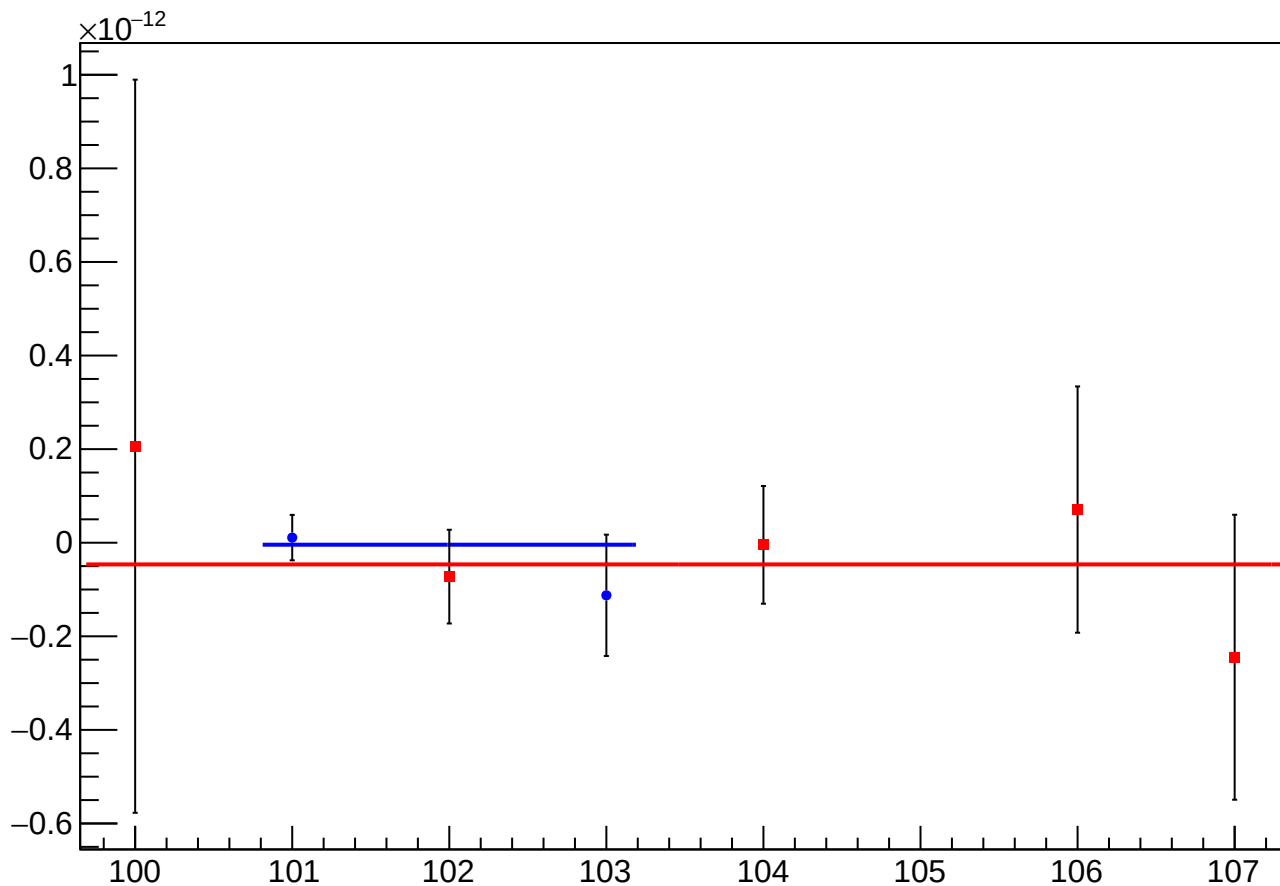
Right: 1550.245+/-0.630 χ^2/NDF : 39024.8/6

In: 1486.656+/-0.938 χ^2/NDF : 9428.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1550.245+/-0.630 χ^2/NDF : 39024.8/6

asym_sam_24_68_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 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

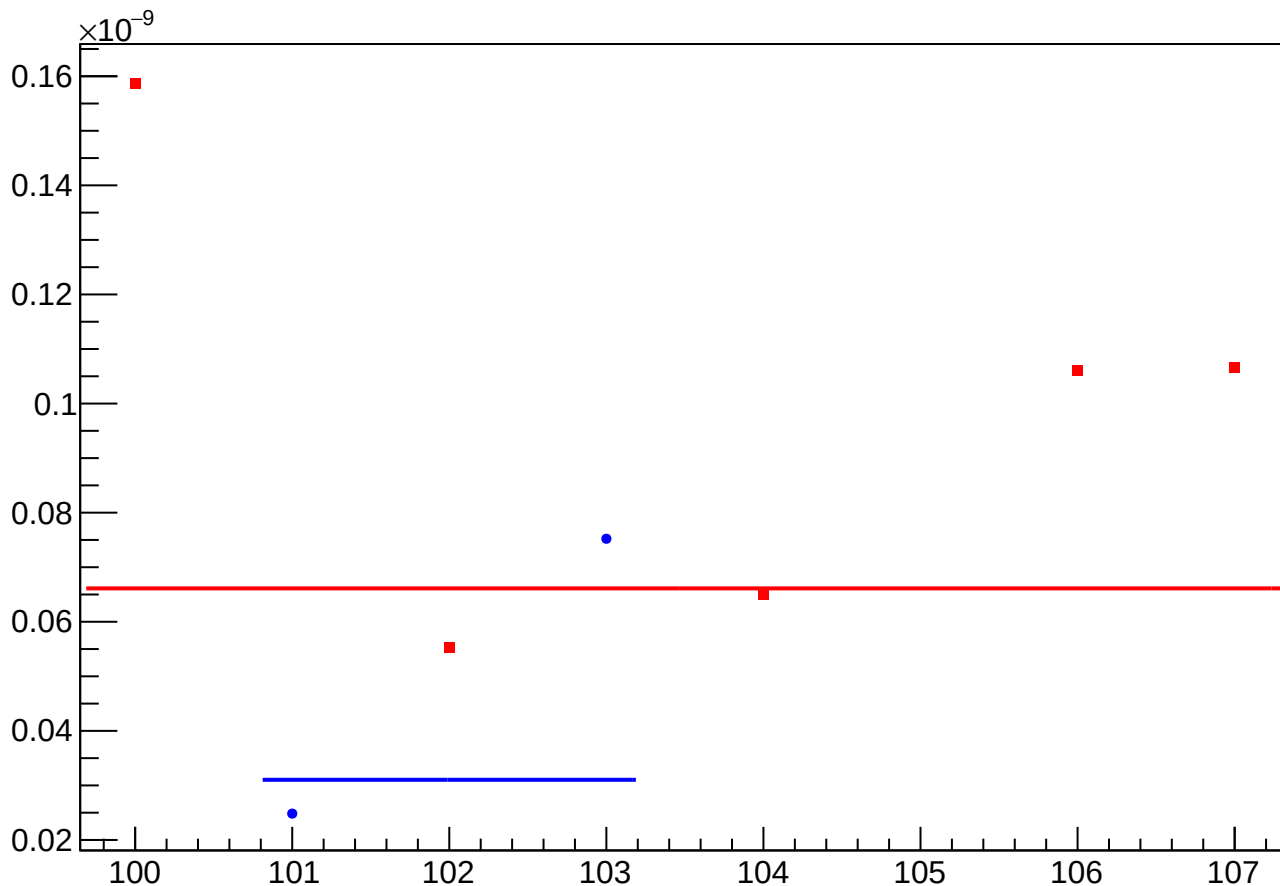
Right: -0.000+/-0.000 χ^2/NDF : 1.9/6

In: -0.000+/-0.000 χ^2/NDF : 0.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1.9/6

asym_sam_24_68_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 264925.3/1

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

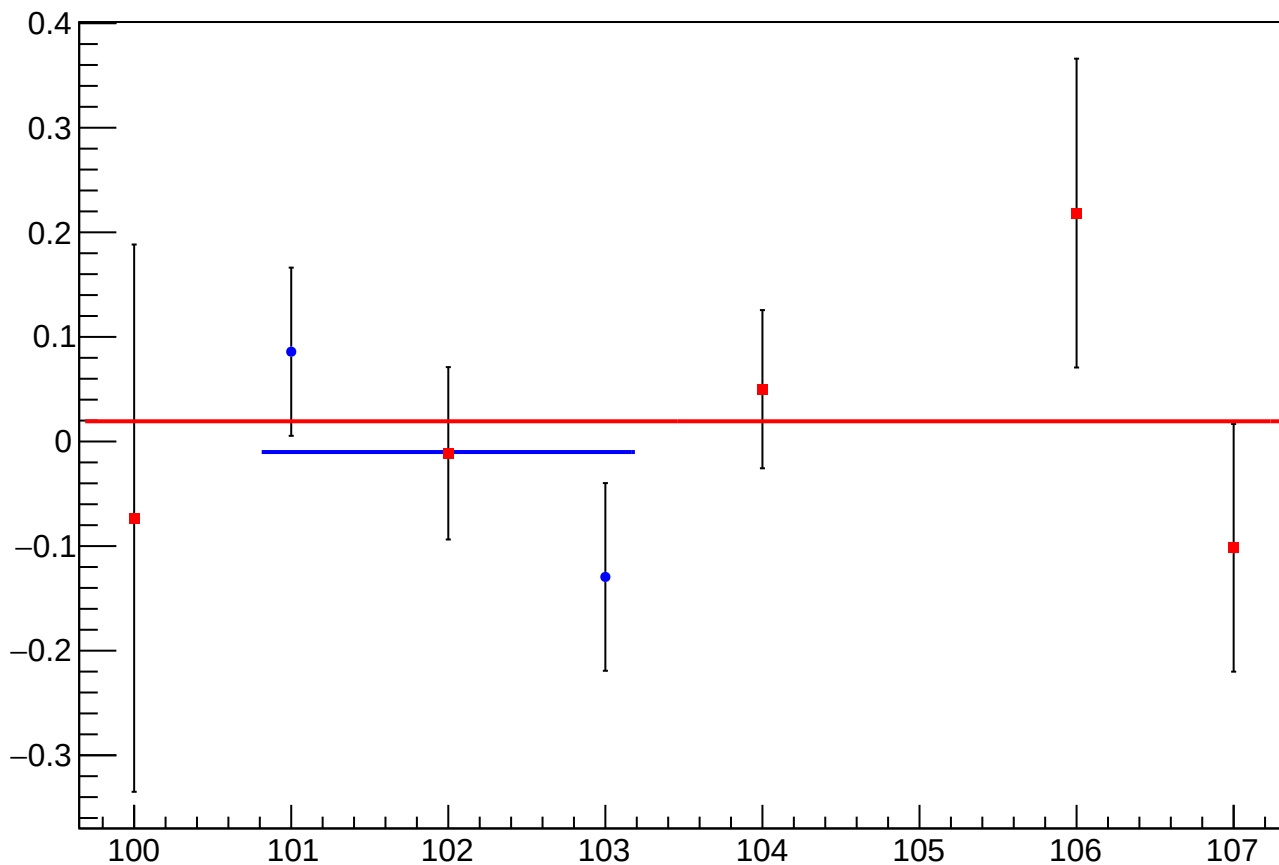
Right: 0.000+/-0.000 χ^2/NDF : 733679.0/6

In: 0.000+/-0.000 χ^2/NDF : 264925.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 733679.0/6

asym_sam_24_68_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010+/-0.060 χ^2 /NDF: 3.2/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.019+/-0.047 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

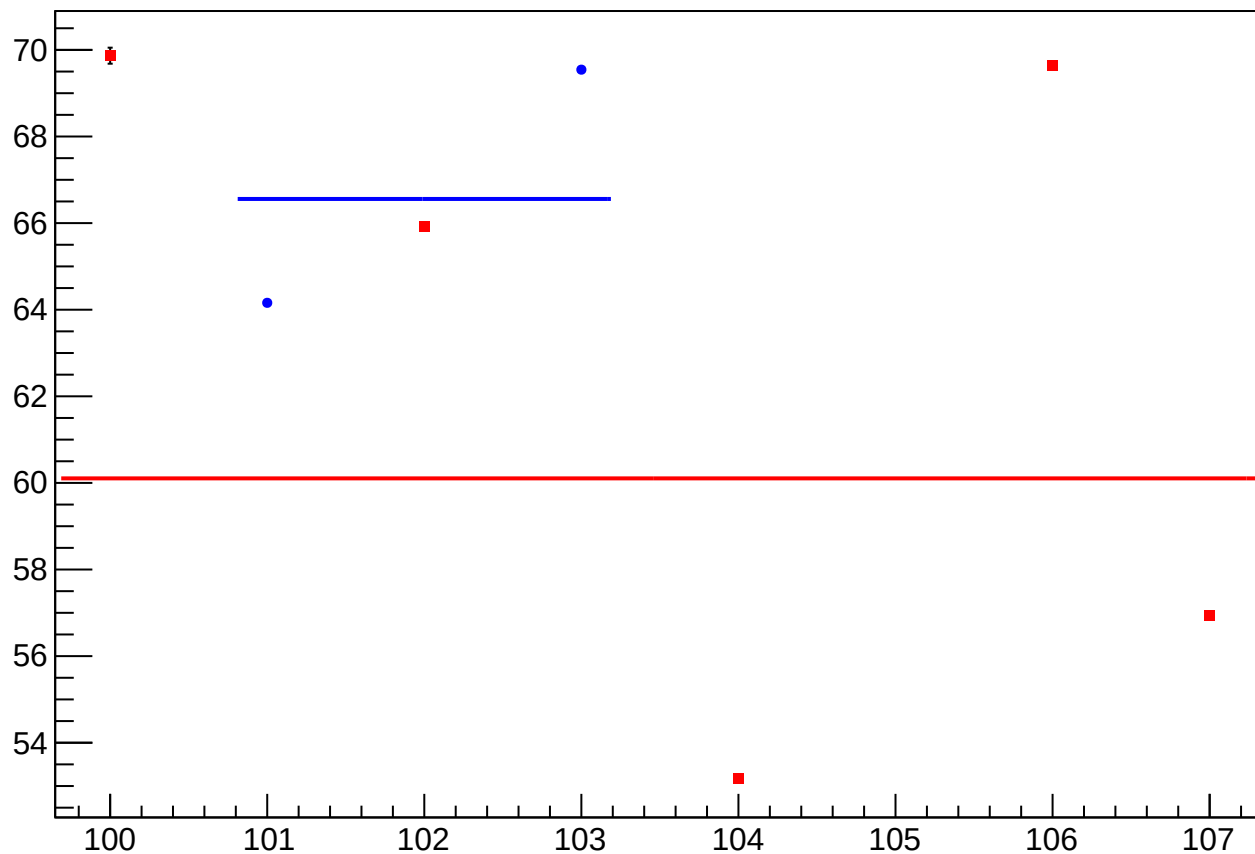
Right: 0.008+/-0.037 χ^2 /NDF: 6.6/6

In: -0.010+/-0.060 χ^2 /NDF:3.2/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.008+/-0.037 χ^2 /NDF: 6.6/6

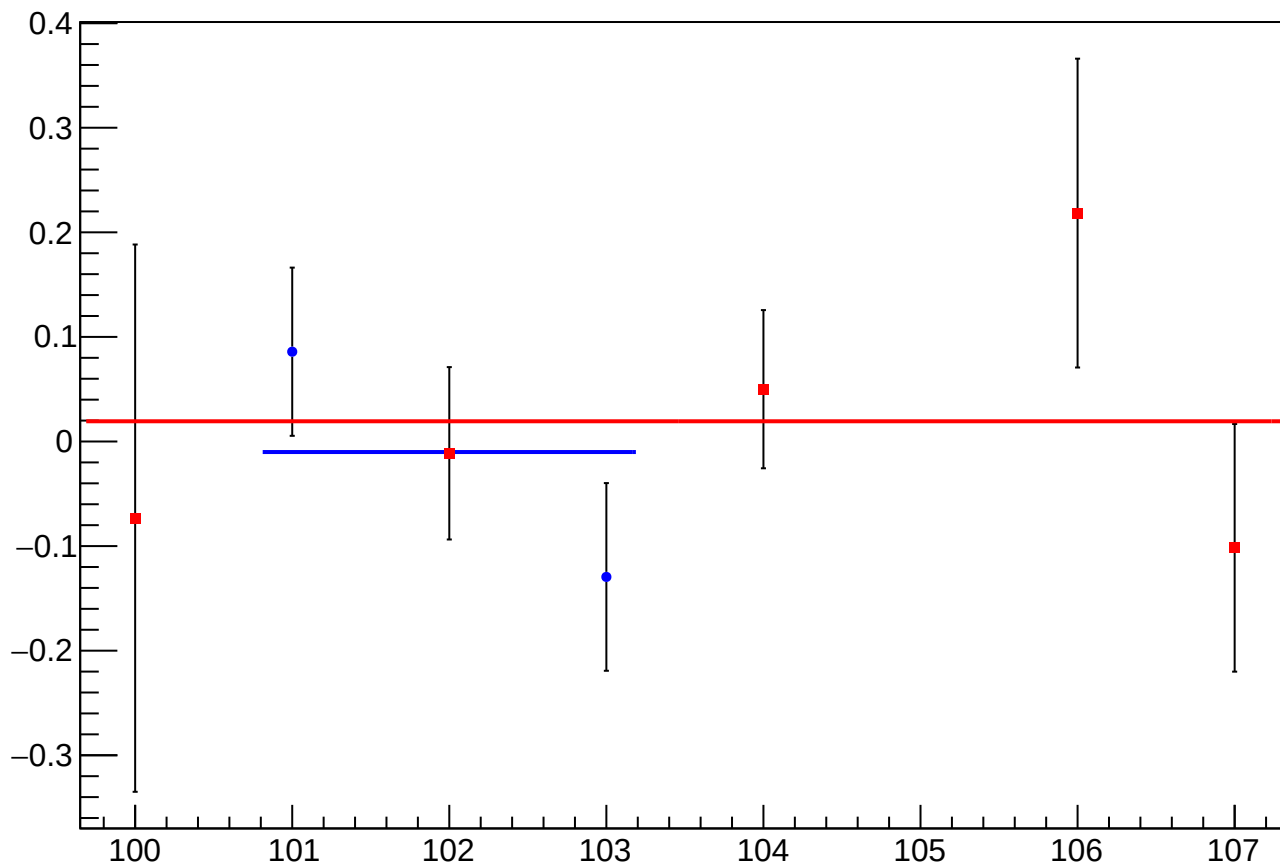
asym_sam_24_68_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.558 ± 0.042 $\chi^2/\text{NDF}: 3993.9/1$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 60.105 ± 0.033 $\chi^2/\text{NDF}: 39331.9/4$
 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: 62.560 ± 0.026 $\chi^2/\text{NDF}: 57711.4/6$
 In: 66.558 ± 0.042 $\chi^2/\text{NDF}: 3993.9/1$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 62.560 ± 0.026 $\chi^2/\text{NDF}: 57711.4/6$

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.060 χ^2 /NDF: 3.2/1

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

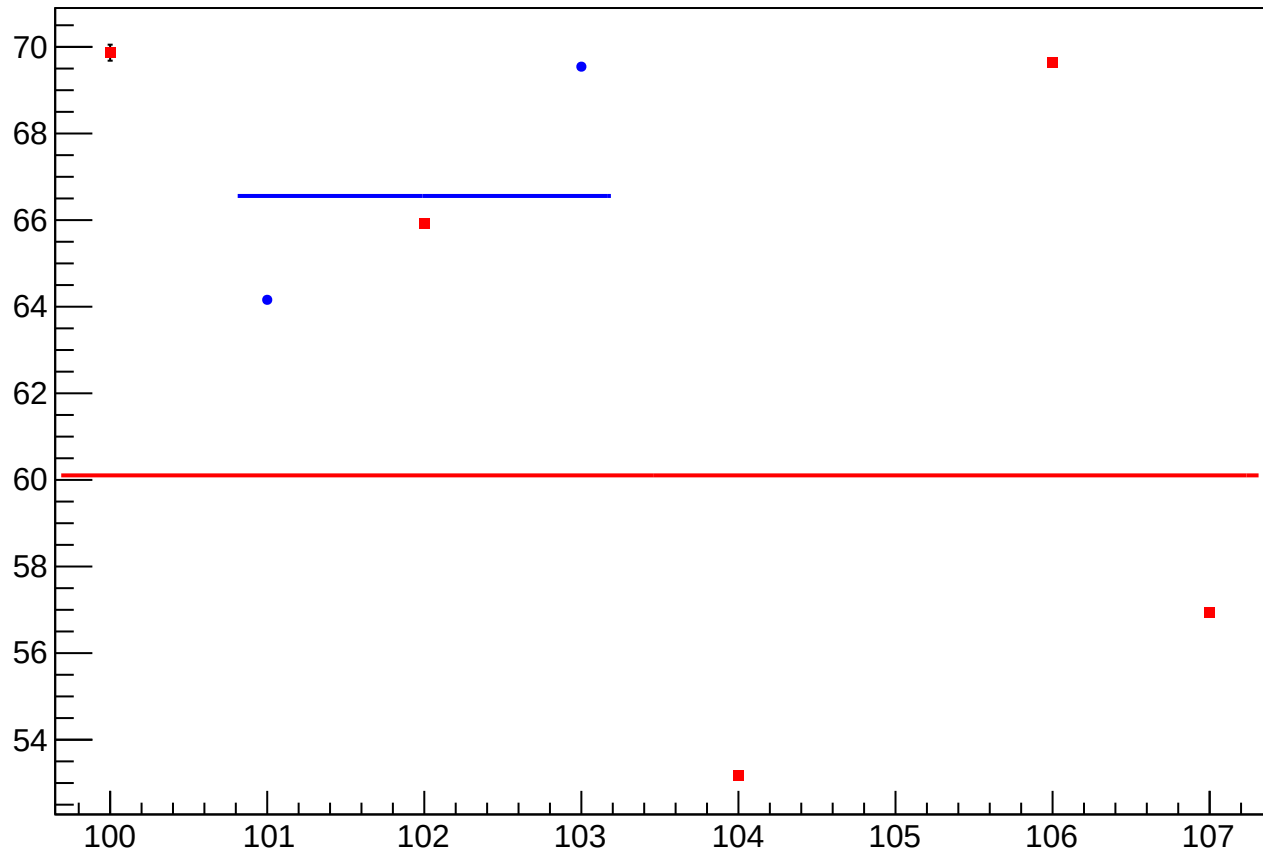
Right: 0.008 $\pm$ 0.037 χ^2 /NDF: 6.6/6

In: -0.010 $\pm$ 0.060 χ^2 /NDF:3.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.008 $\pm$ 0.037 χ^2 /NDF: 6.6/6

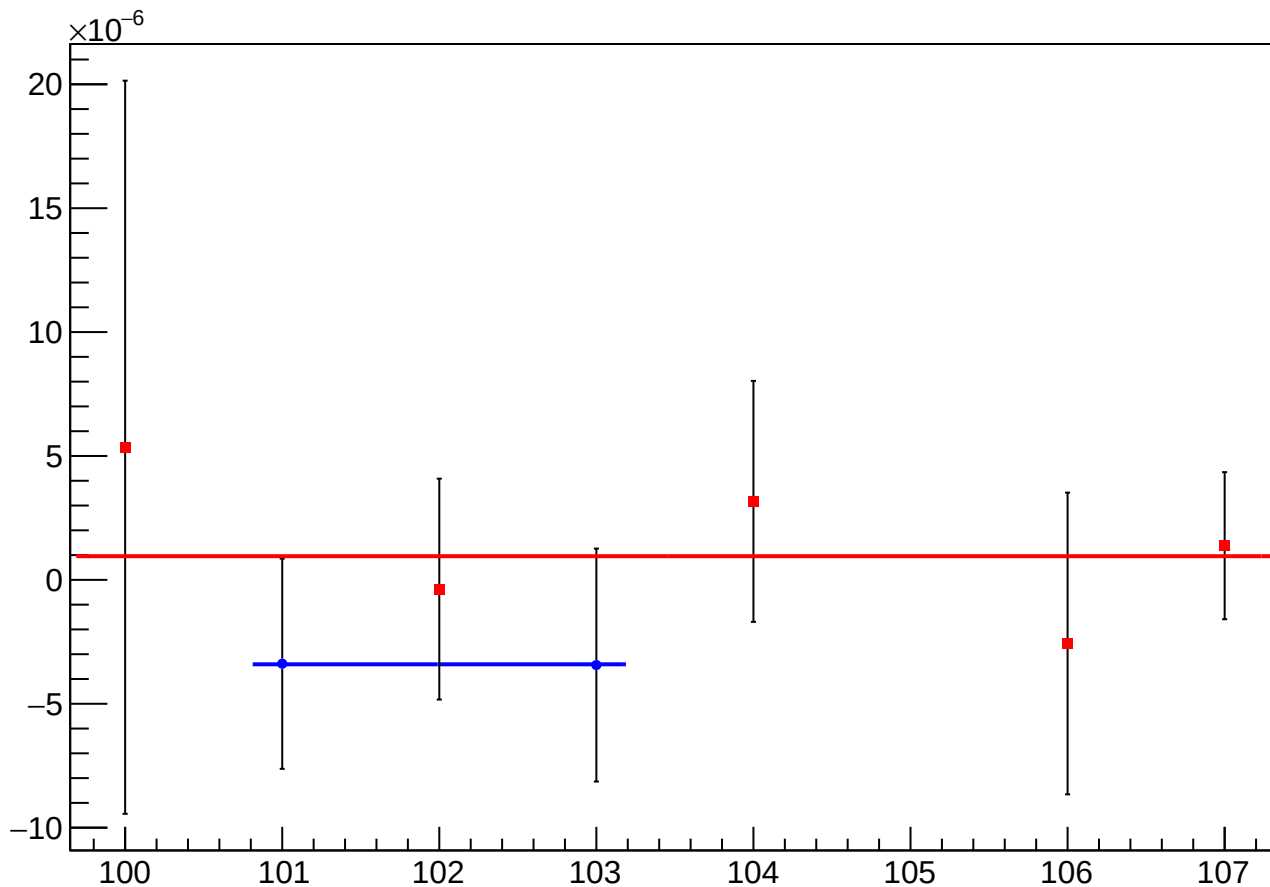
asym_sam_24_68_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.558+/-0.042 χ^2/NDF : 3993.9/1
 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: 62.560+/-0.026 χ^2/NDF : 57711.4/6
 In: 66.558+/-0.042 χ^2/NDF : 3993.9/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 62.560+/-0.026 χ^2/NDF : 57711.4/6

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/1

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

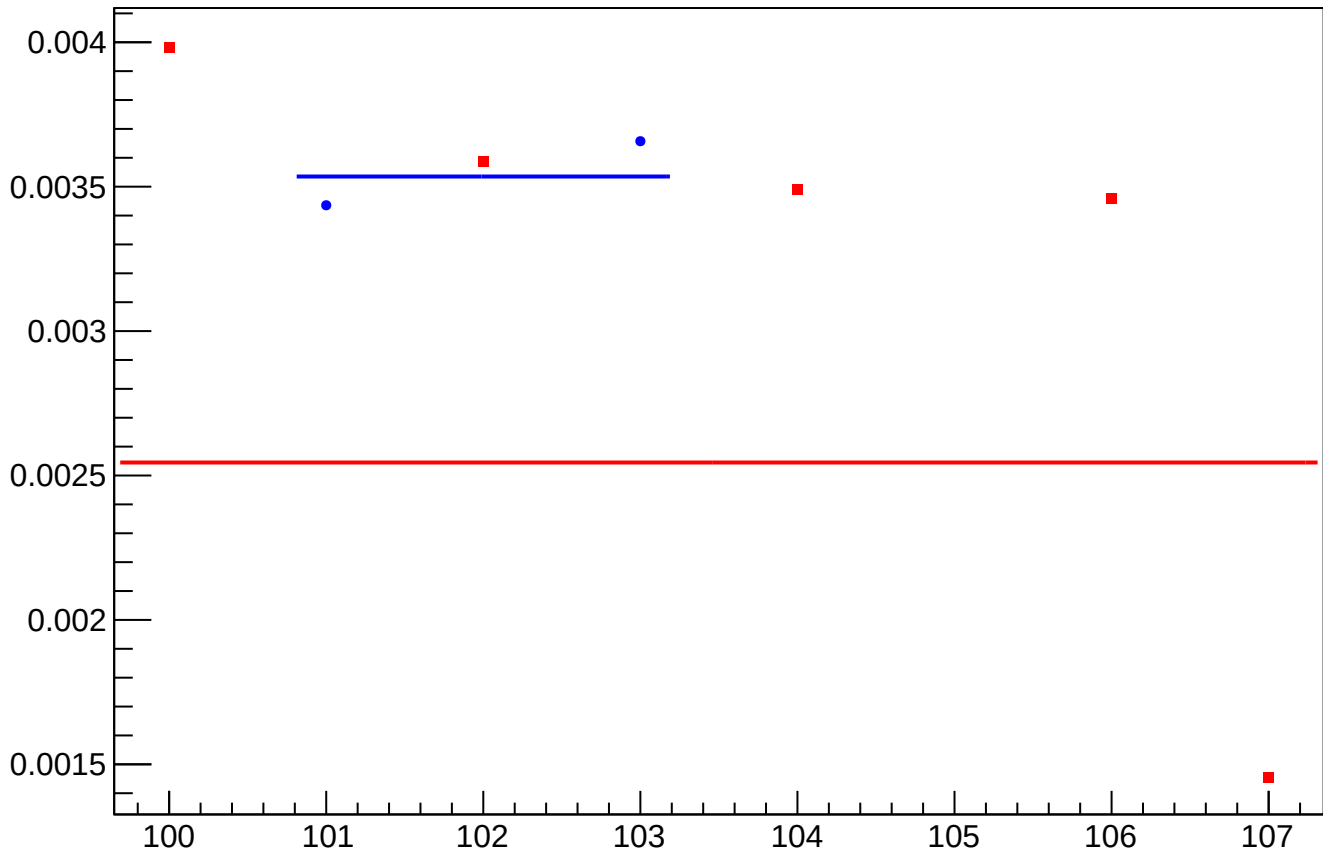
Right: -0.000+/-0.000 χ^2/NDF : 2.1/6

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 2.1/6

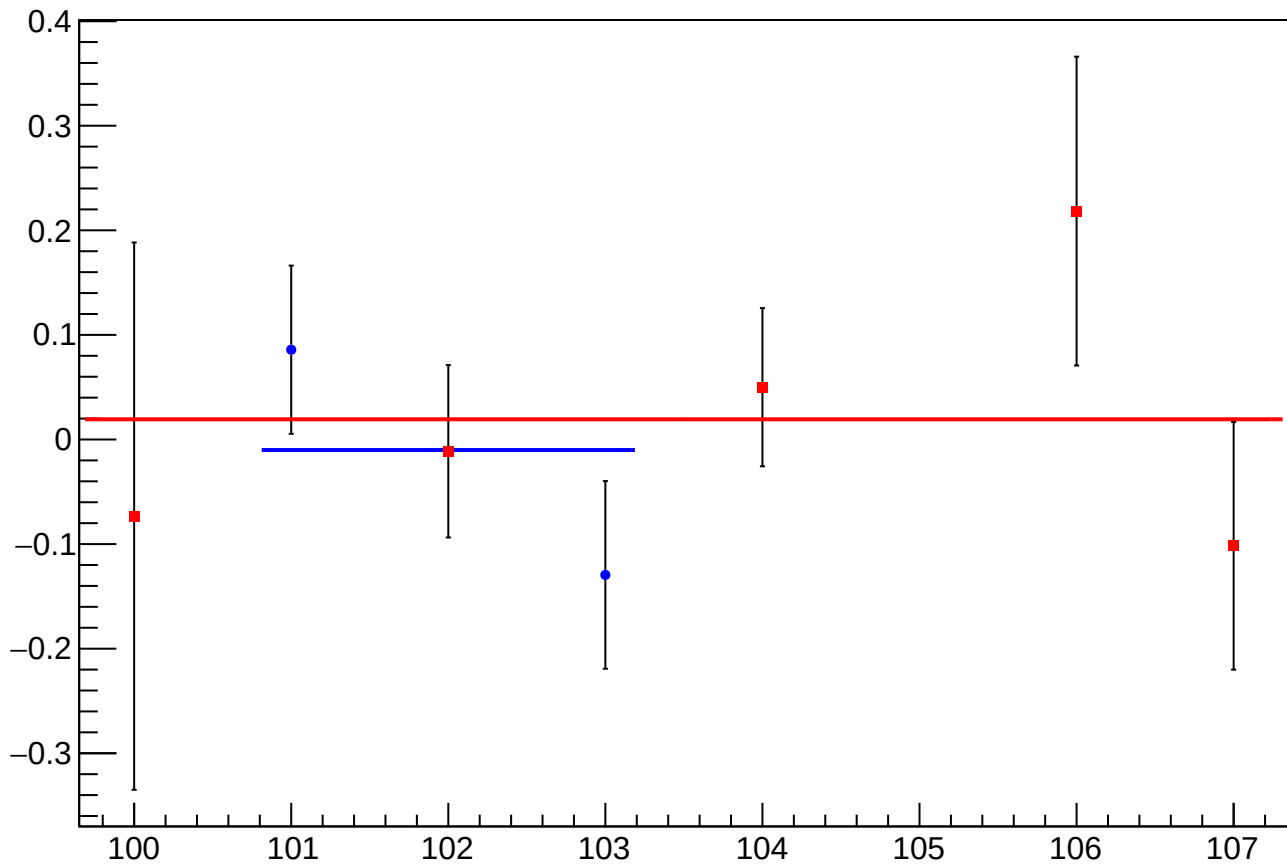
asym_sam_24_68_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 2453.5/1
 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 : 660135.0/6
 In: 0.004+/-0.000 χ^2/NDF :2453.5/1
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.003+/-0.000 χ^2/NDF : 660135.0/6

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.060 χ^2 /NDF: 3.2/1

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

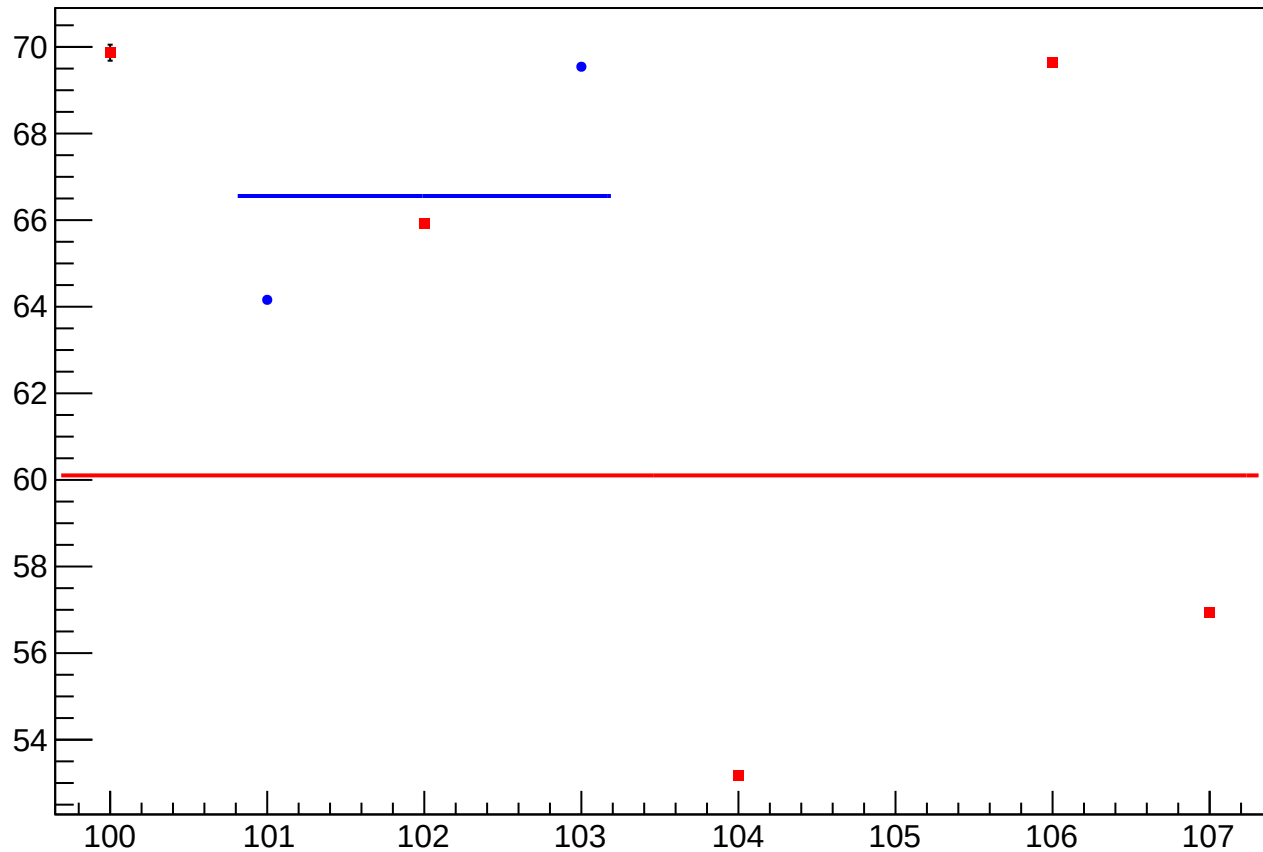
Right: 0.008 $\pm$ 0.037 χ^2 /NDF: 6.6/6

In: -0.010 $\pm$ 0.060 χ^2 /NDF:3.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.008 $\pm$ 0.037 χ^2 /NDF: 6.6/6

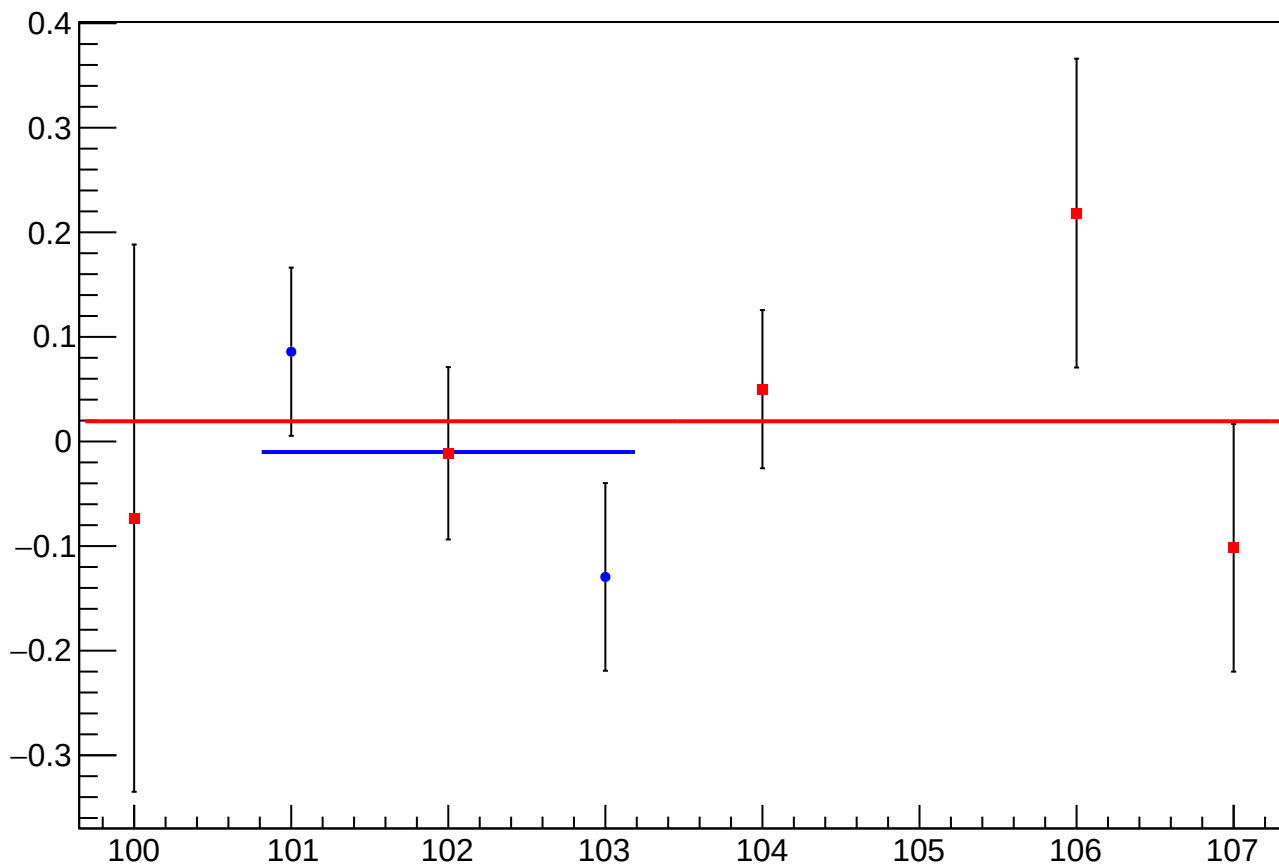
asym_sam_24_68_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.557+/-0.042 χ^2/NDF : 3992.7/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 60.104+/-0.033 χ^2/NDF : 39330.7/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 62.560+/-0.026 χ^2/NDF : 57710.3/6
 In: 66.557+/-0.042 χ^2/NDF : 3992.7/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 62.560+/-0.026 χ^2/NDF : 57710.3/6

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.060 χ^2 /NDF: 3.2/1

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

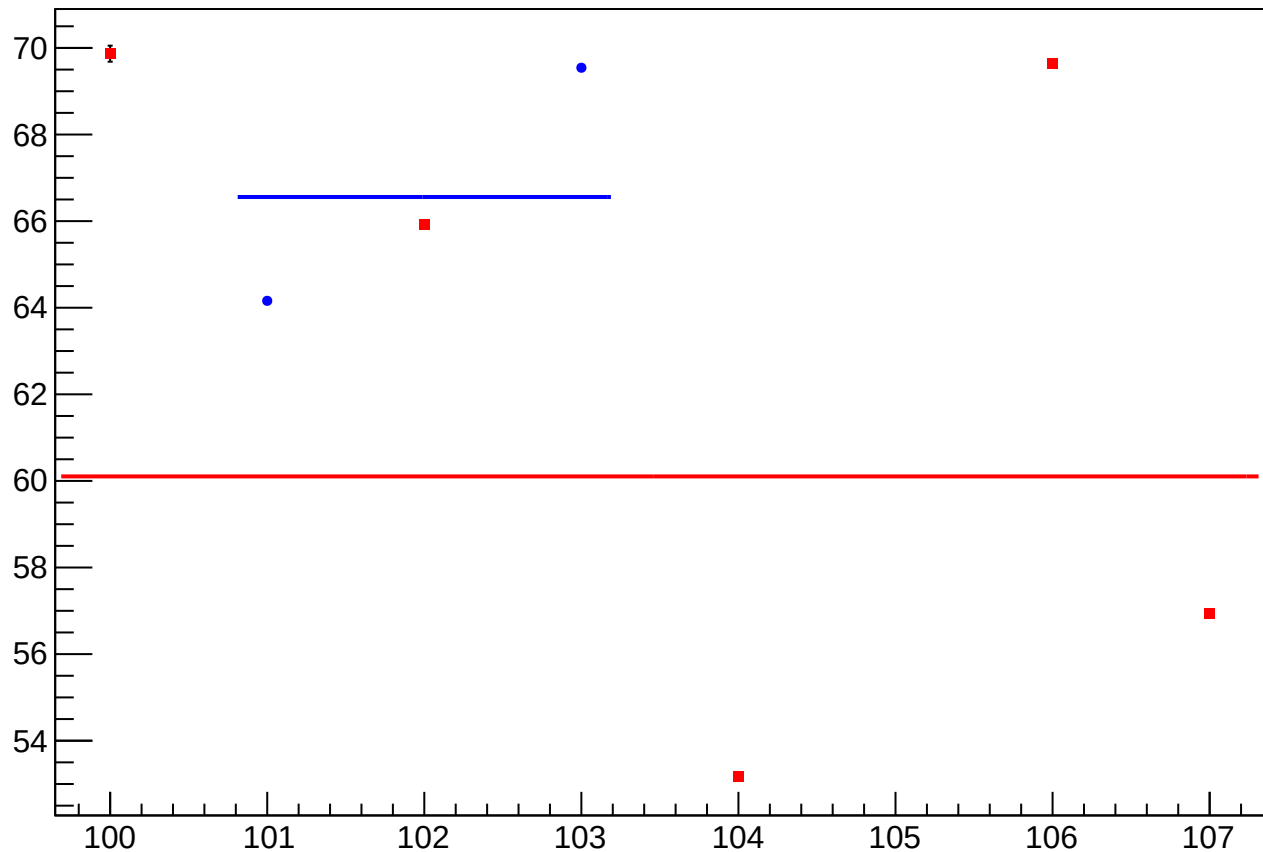
Right: 0.008 $\pm$ 0.037 χ^2 /NDF: 6.6/6

In: -0.010 $\pm$ 0.060 χ^2 /NDF:3.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.008 $\pm$ 0.037 χ^2 /NDF: 6.6/6

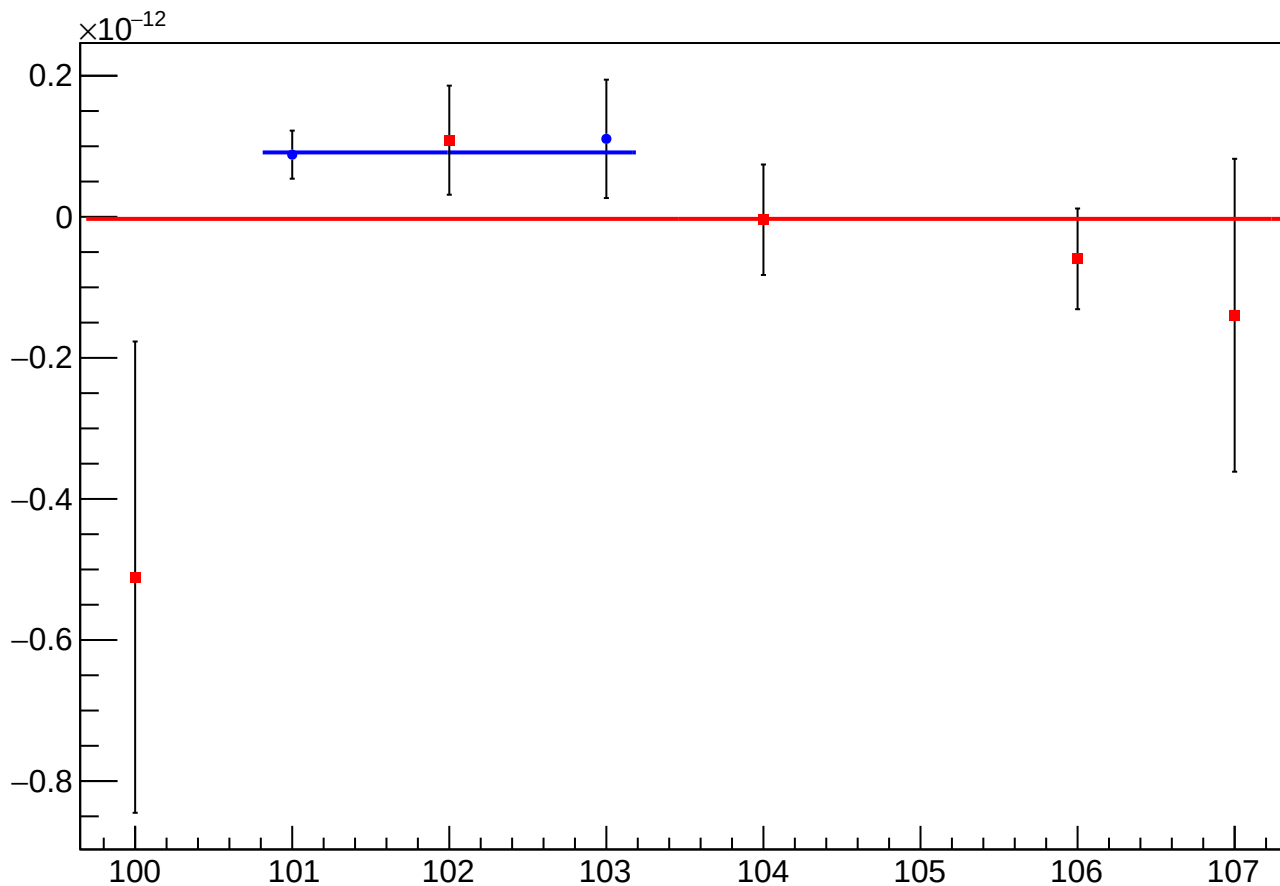
asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.557+/-0.042 χ^2/NDF : 3992.7/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 60.104+/-0.033 χ^2/NDF : 39330.7/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 62.560+/-0.026 χ^2/NDF : 57710.3/6
 In: 66.557+/-0.042 χ^2/NDF : 3992.7/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 62.560+/-0.026 χ^2/NDF : 57710.3/6

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.1/1

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

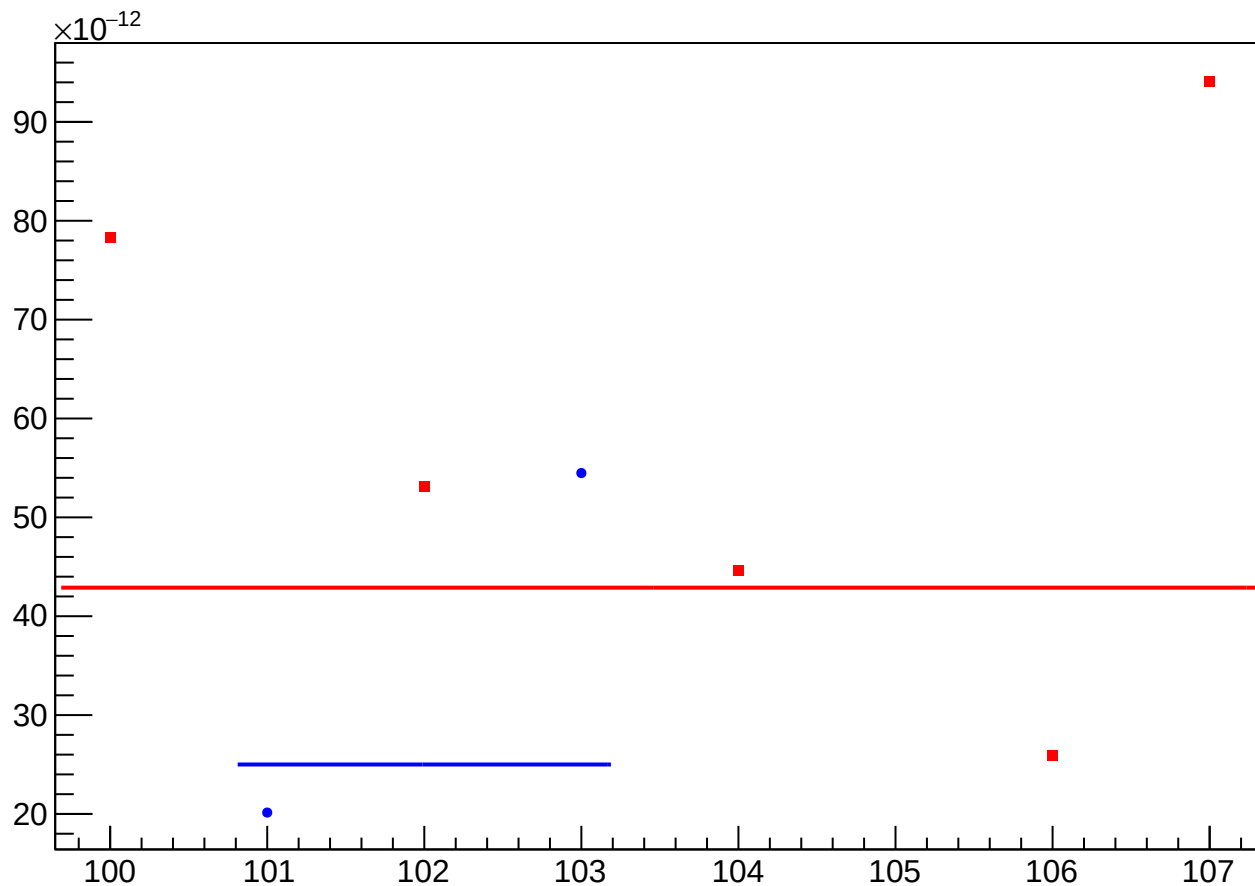
Right: 0.000+/-0.000 χ^2 /NDF: 8.6/6

In: 0.000+/-0.000 χ^2 /NDF: 0.1/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 8.6/6

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 287554.4/1

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

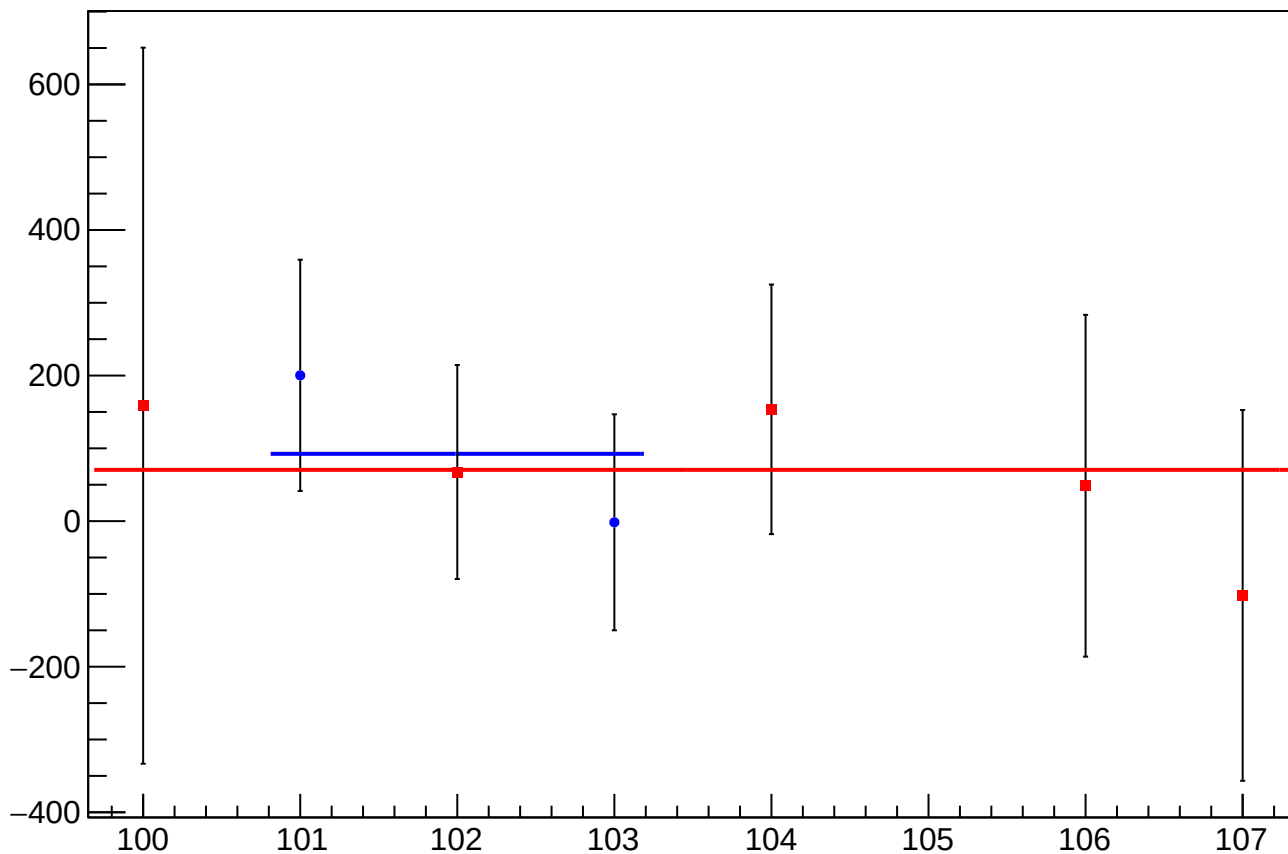
Right: 0.000+/-0.000 χ^2/NDF : 794758.5/6

In: 0.000+/-0.000 χ^2/NDF : 287554.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 794758.5/6

reg_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 92.482+/-108.439 χ^2/NDF : 0.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.456+/-92.074 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

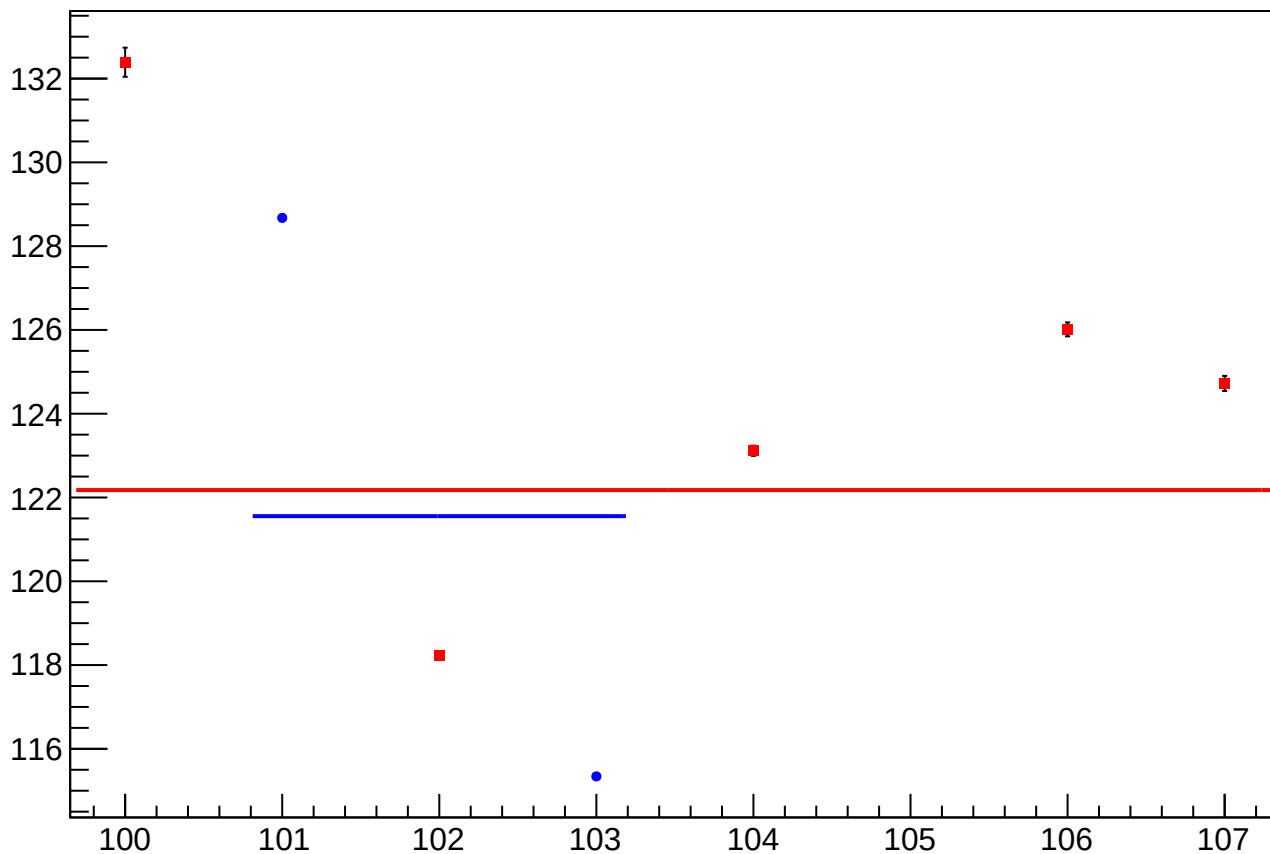
Right: 79.683+/-70.187 χ^2/NDF : 1.6/6

In: 92.482+/-108.439 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.683+/-70.187 χ^2/NDF : 1.6/6

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 121.555+/-0.077 χ^2/NDF : 7523.9/1

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

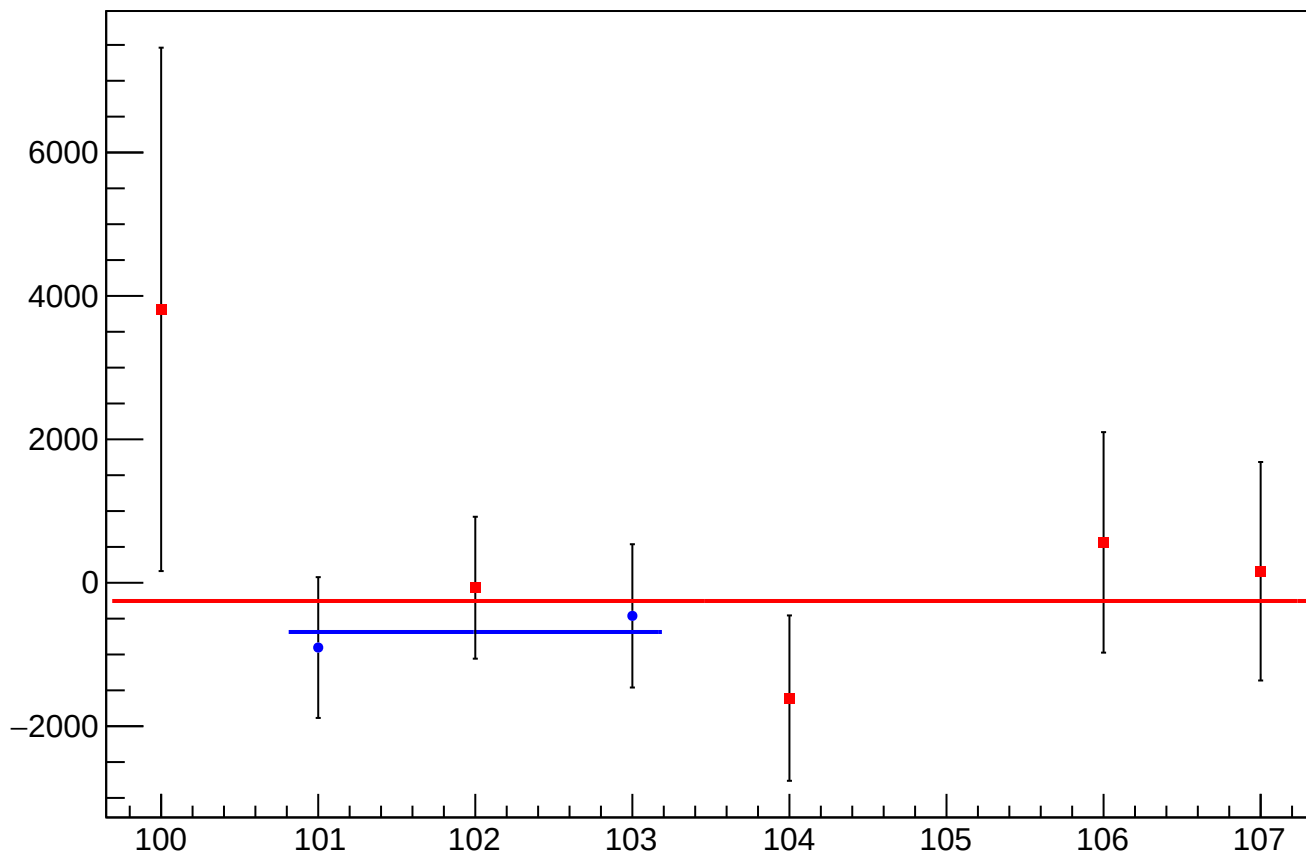
Right: 121.916+/-0.050 χ^2/NDF : 10664.7/6

In: 121.555+/-0.077 χ^2/NDF : 7523.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.916+/-0.050 χ^2/NDF : 10664.7/6

asym_sam_26_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -686.212+/-700.199 χ^2 /NDF: 0.1/1

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

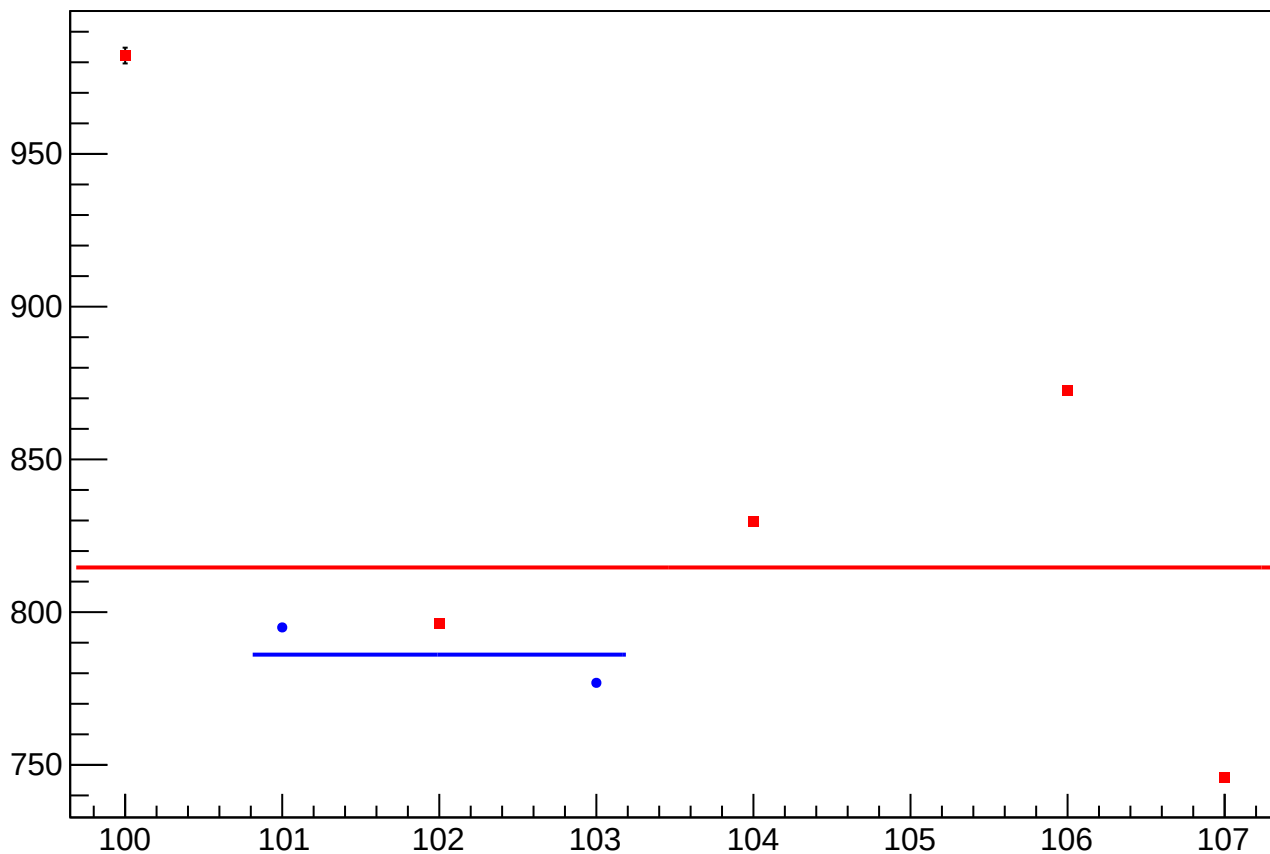
Right: -439.868+/-459.191 χ^2 /NDF: 3.3/6

In: -686.212+/-700.199 χ^2 /NDF:0.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -439.868+/-459.191 χ^2 /NDF: 3.3/6

asym_sam_26_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 786.091 $\pm$ 0.495 χ^2 /NDF: 335.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 814.627 $\pm$ 0.430 χ^2 /NDF: 12168.9/4

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

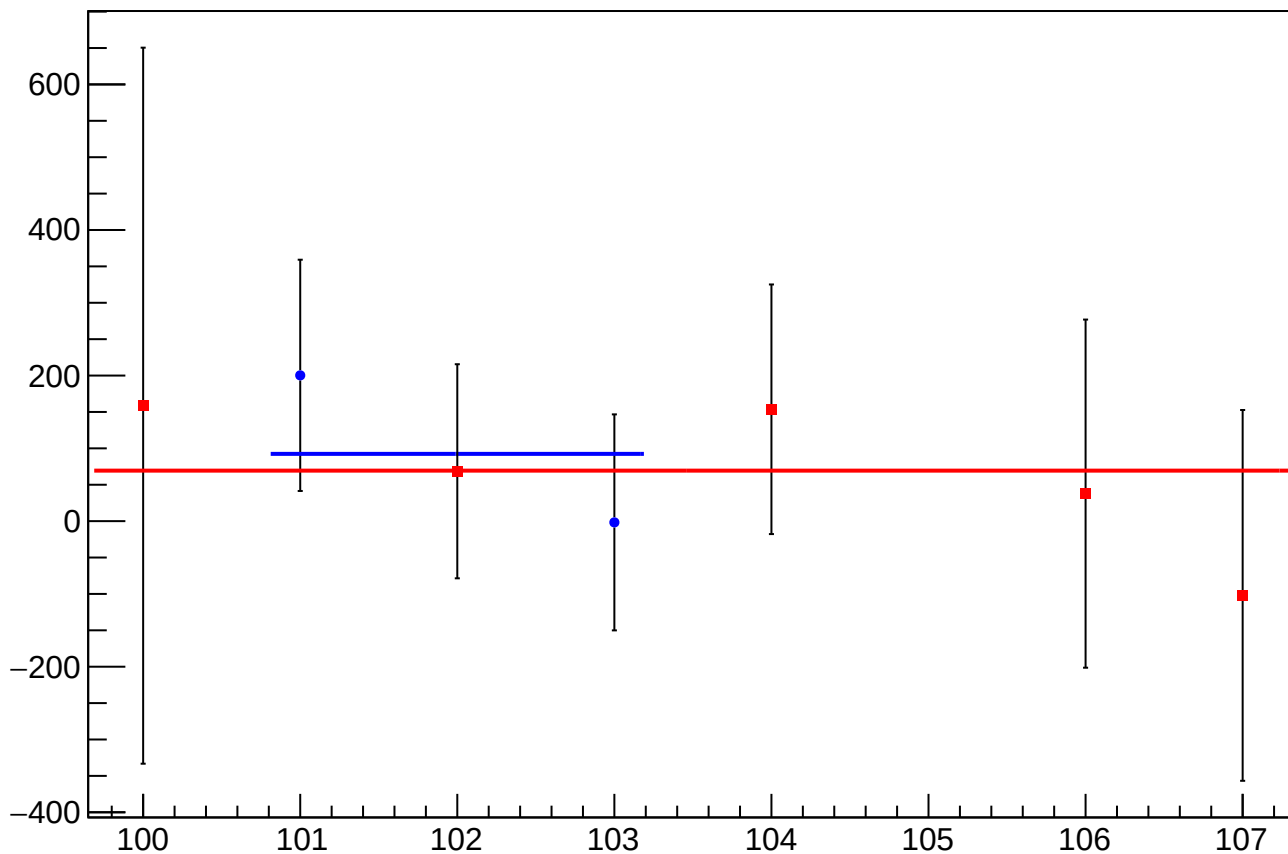
Right: 802.355 $\pm$ 0.325 χ^2 /NDF: 14397.5/6

In: 786.091 $\pm$ 0.495 χ^2 /NDF:335.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 802.355 $\pm$ 0.325 χ^2 /NDF: 14397.5/6

cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 92.418 $\pm$ 108.439 χ^2 /NDF: 0.9/1

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

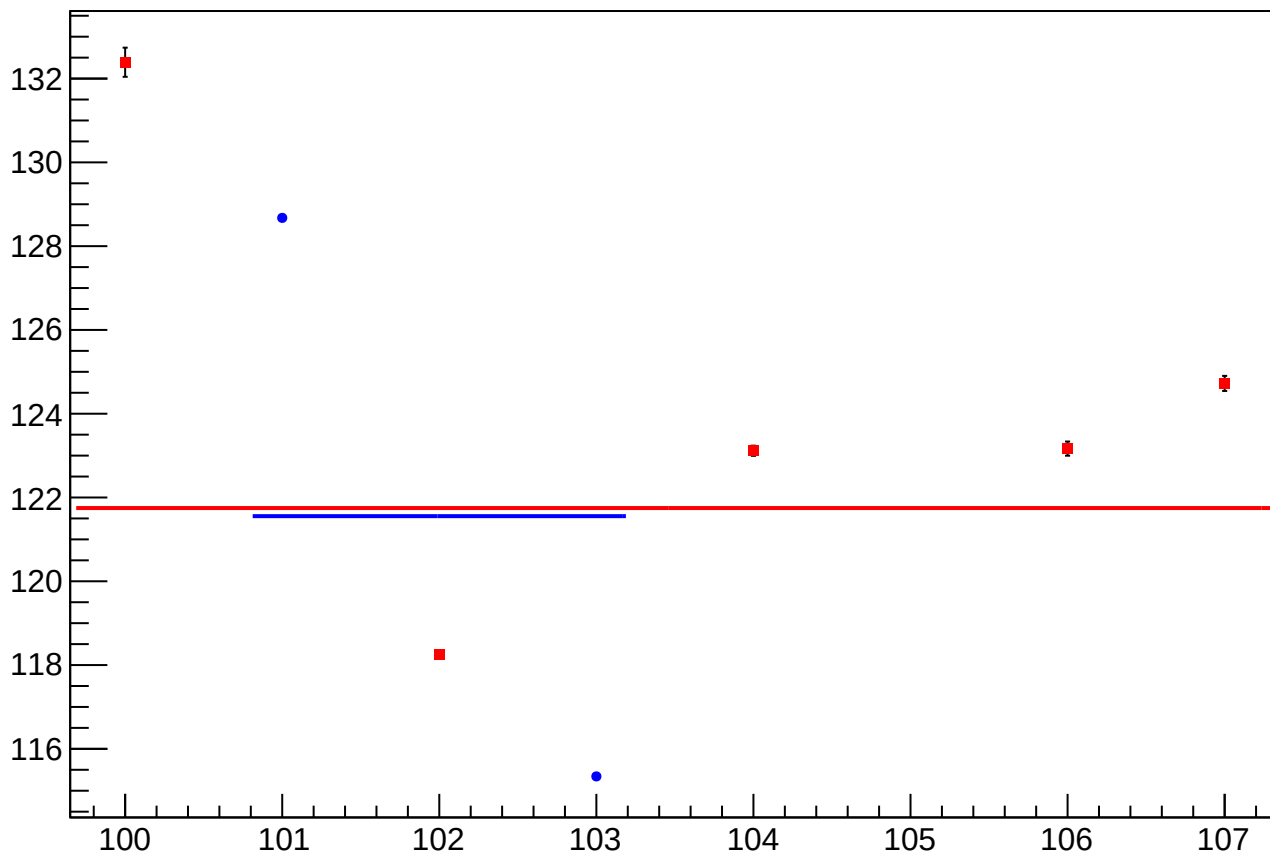
Right: 79.072 $\pm$ 70.305 χ^2 /NDF: 1.6/6

In: 92.418 $\pm$ 108.439 χ^2 /NDF: 0.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 79.072 $\pm$ 70.305 χ^2 /NDF: 1.6/6

cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 121.555 $\pm$ 0.077 χ^2 /NDF: 7523.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 121.748 $\pm$ 0.065 χ^2 /NDF: 2530.4/4

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

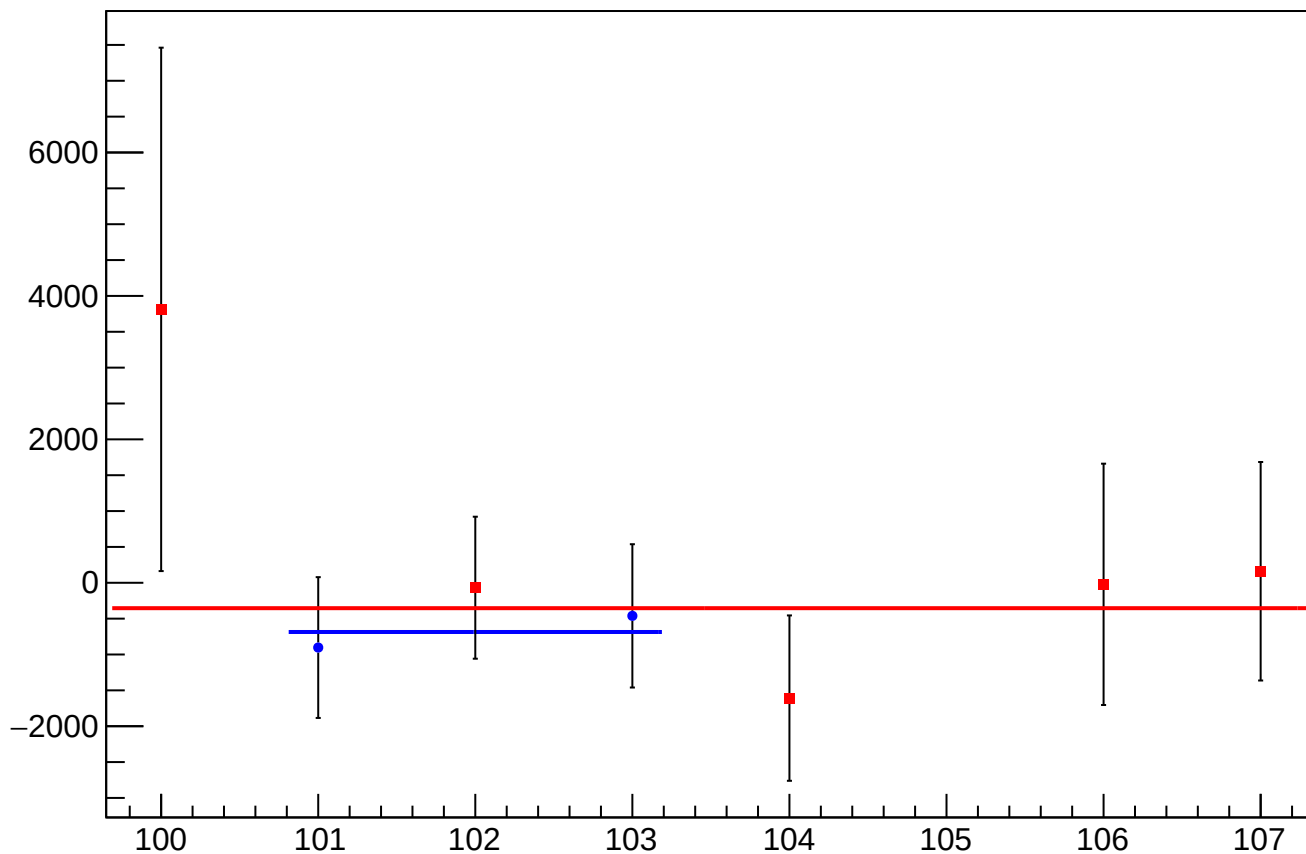
Right: 121.667 $\pm$ 0.050 χ^2 /NDF: 10057.8/6

In: 121.555 $\pm$ 0.077 χ^2 /NDF:7523.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 121.667 $\pm$ 0.050 χ^2 /NDF: 10057.8/6

asym_sam_26_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -686.128+/-700.209 χ^2 /NDF: 0.1/1

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

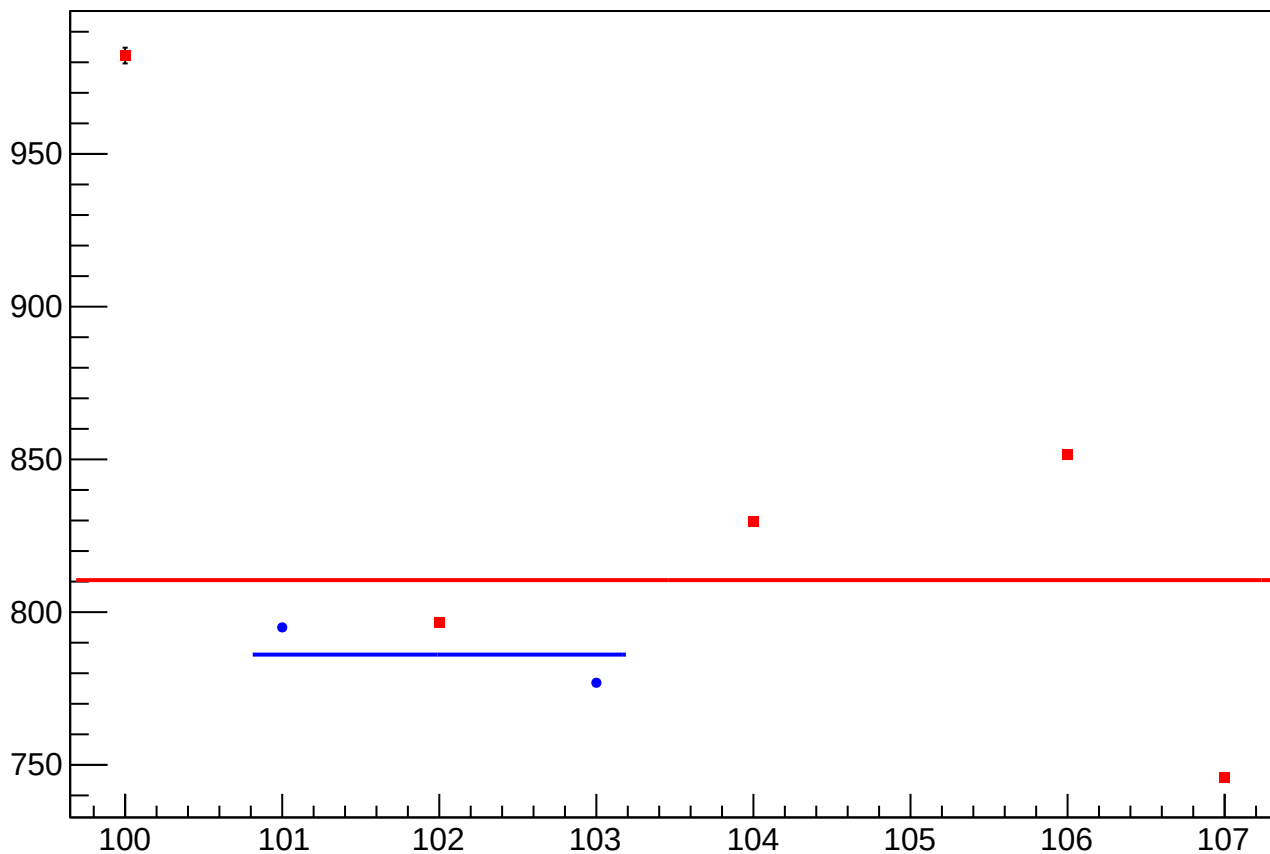
Right: -499.097+/-462.679 χ^2 /NDF: 2.9/6

In: -686.128+/-700.209 χ^2 /NDF:0.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -499.097+/-462.679 χ^2 /NDF: 2.9/6

asym_sam_26_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 786.102+/-0.495 χ^2/NDF : 334.8/1

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

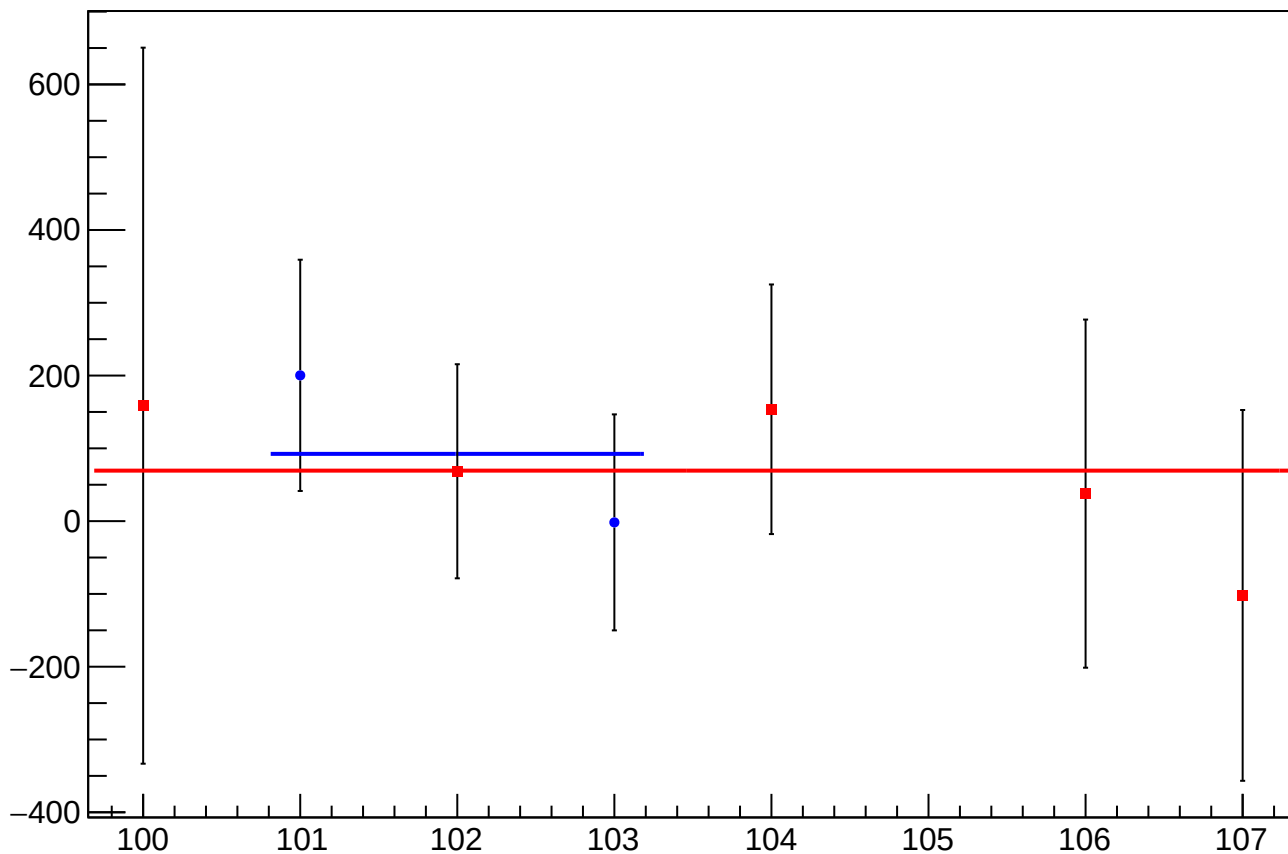
Right: 799.840+/-0.327 χ^2/NDF : 11865.7/6

In: 786.102+/-0.495 χ^2/NDF : 334.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 799.840+/-0.327 χ^2/NDF : 11865.7/6

eigen_cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 92.418+/-108.439 χ^2/NDF : 0.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.393+/-92.342 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

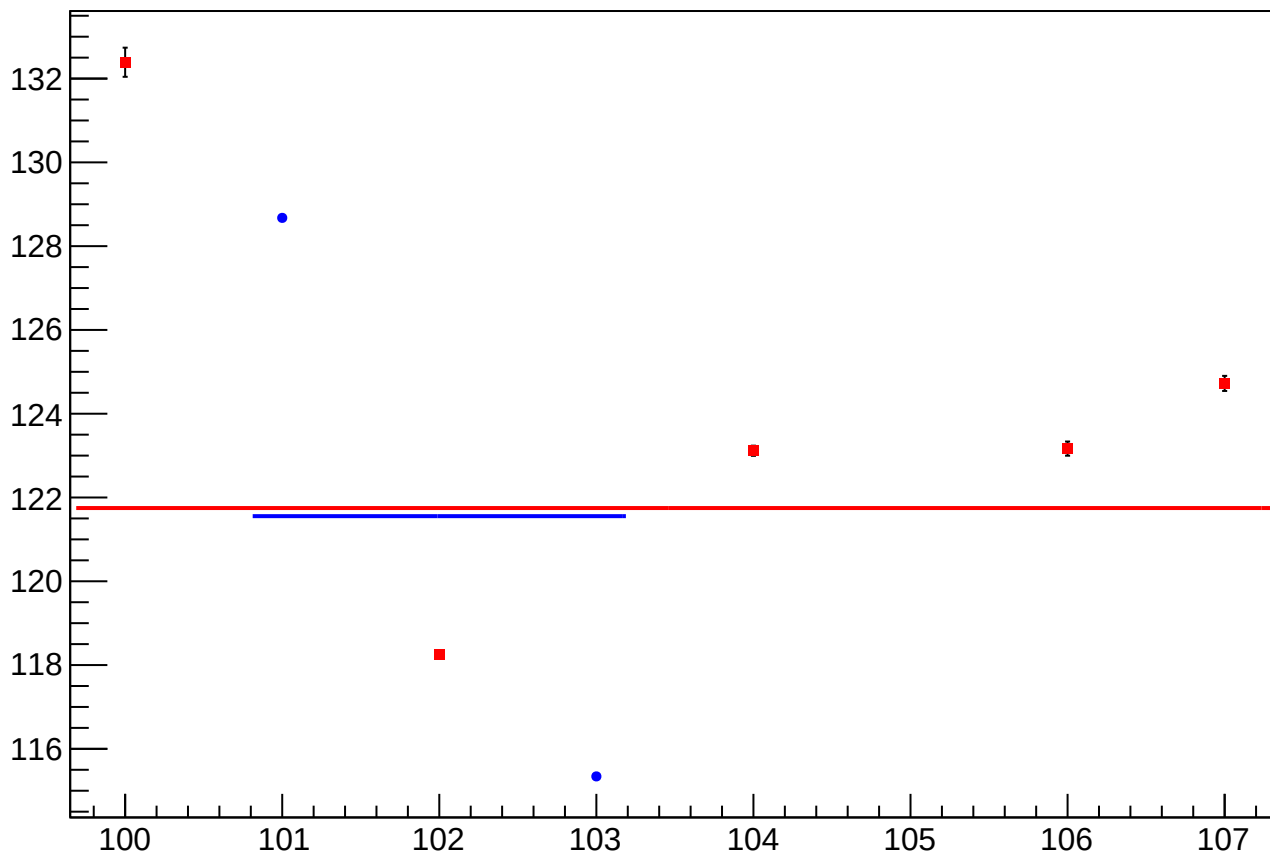
Right: 79.072+/-70.305 χ^2/NDF : 1.6/6

In: 92.418+/-108.439 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.072+/-70.305 χ^2/NDF : 1.6/6

eigen_cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 121.555+/-0.077 χ^2/NDF : 7523.8/1

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

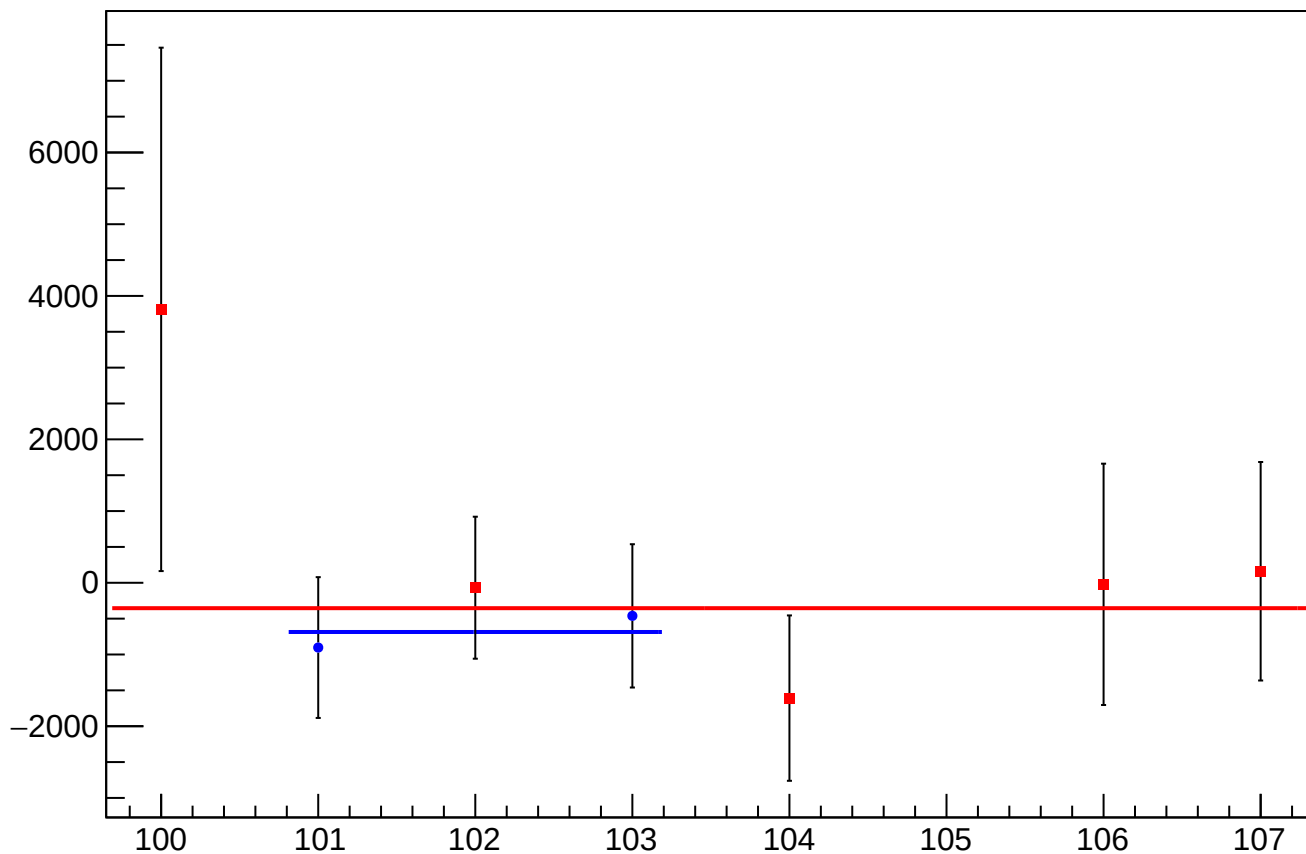
Right: 121.667+/-0.050 χ^2/NDF : 10057.8/6

In: 121.555+/-0.077 χ^2/NDF : 7523.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.667+/-0.050 χ^2/NDF : 10057.8/6

asym_sam_26_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -686.128+/-700.209 χ^2 /NDF: 0.1/1

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

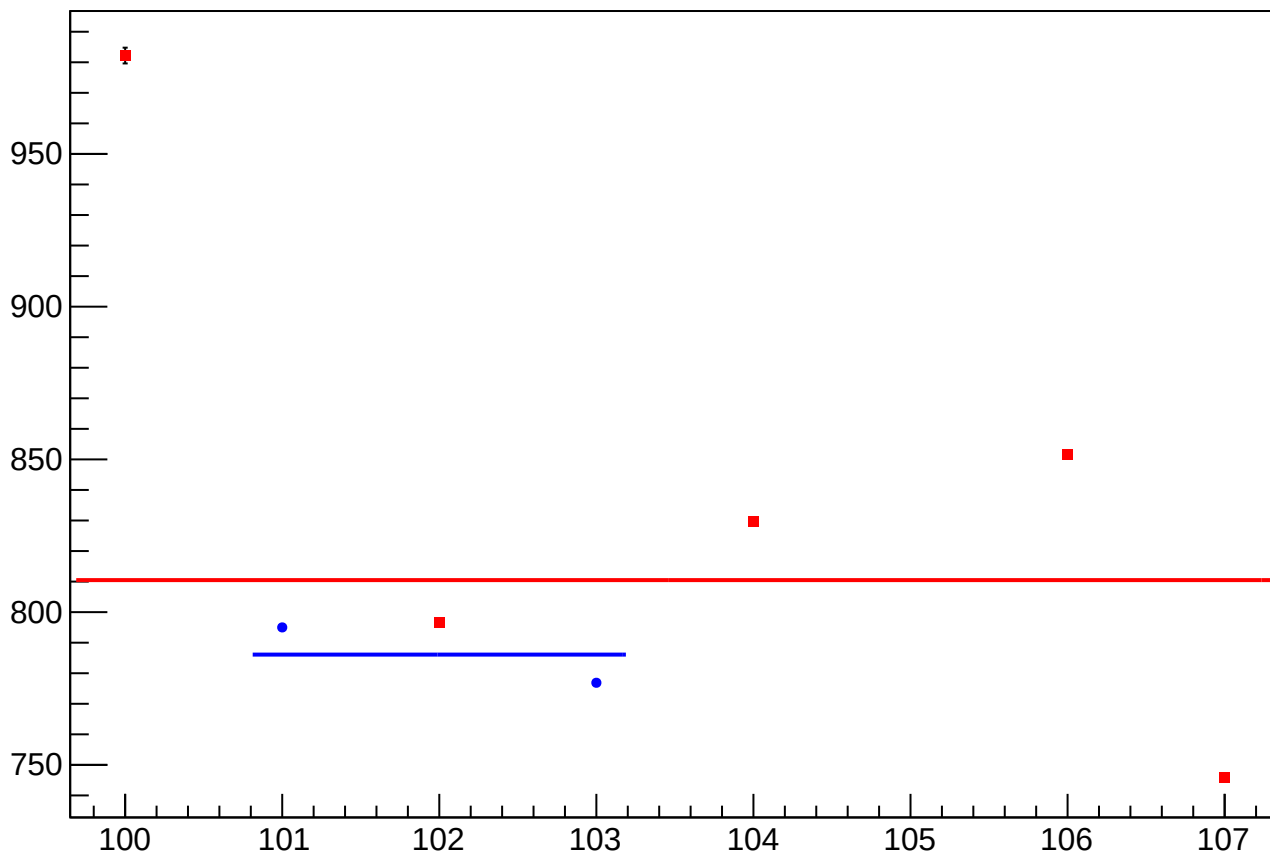
Right: -499.097+/-462.679 χ^2 /NDF: 2.9/6

In: -686.128+/-700.209 χ^2 /NDF: 0.1/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -499.097+/-462.679 χ^2 /NDF: 2.9/6

asym_sam_26_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 786.102+/-0.495 χ^2/NDF : 334.8/1

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

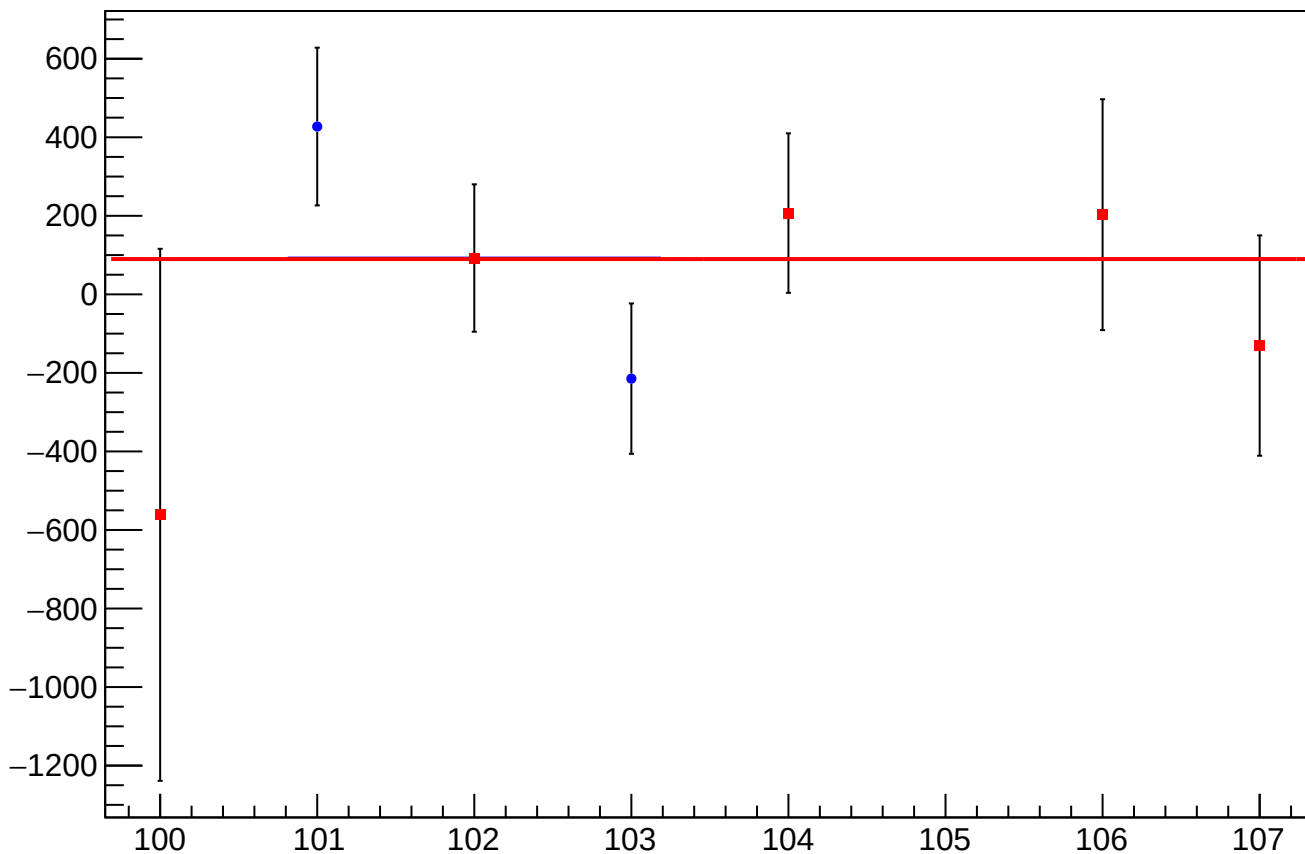
Right: 799.840+/-0.327 χ^2/NDF : 11865.7/6

In: 786.102+/-0.495 χ^2/NDF : 334.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 799.840+/-0.327 χ^2/NDF : 11865.7/6

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 91.036+/-138.581 χ^2 /NDF: 5.4/1

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

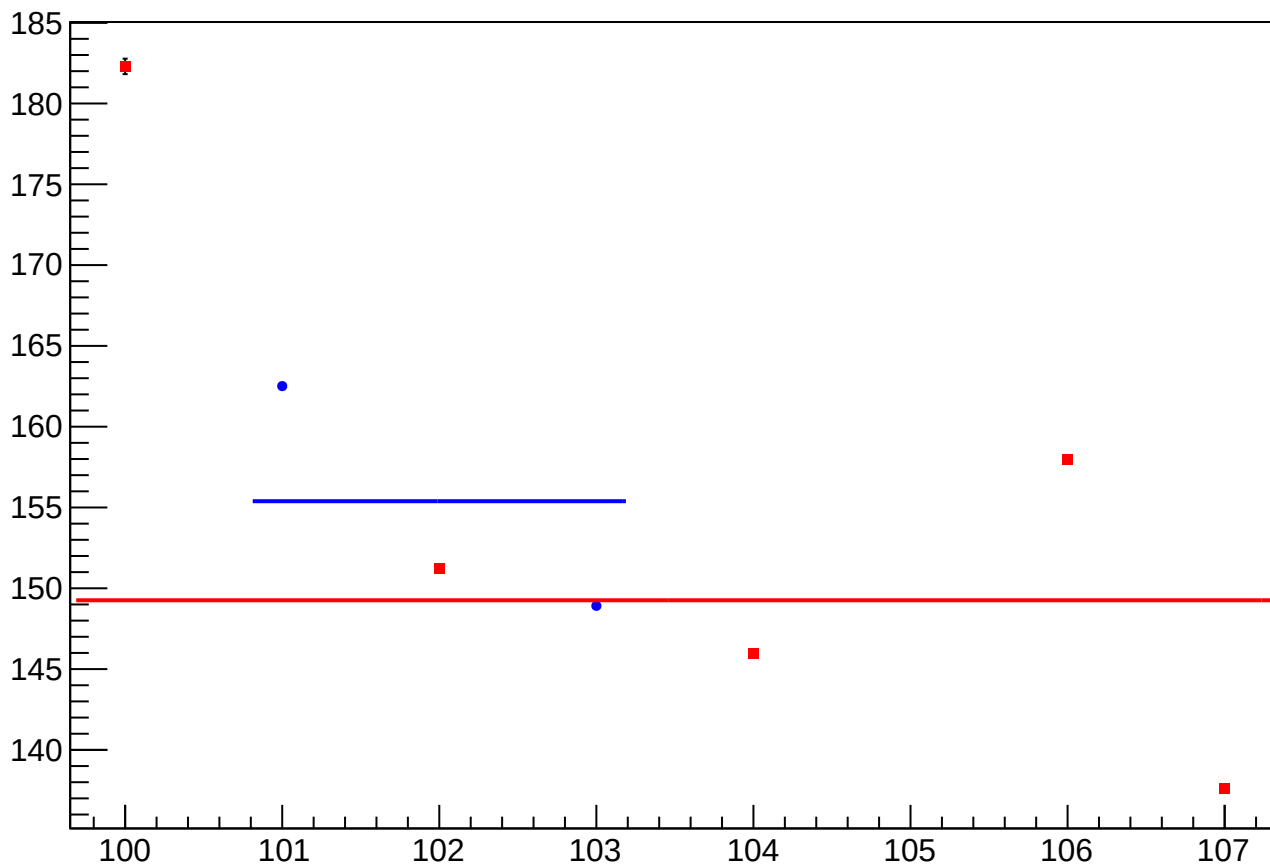
Right: 90.357+/-87.320 χ^2 /NDF: 7.4/6

In: 91.036+/-138.581 χ^2 /NDF:5.4/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 90.357+/-87.320 χ^2 /NDF: 7.4/6

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 155.389+/-0.098 χ^2/NDF : 4801.5/1

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

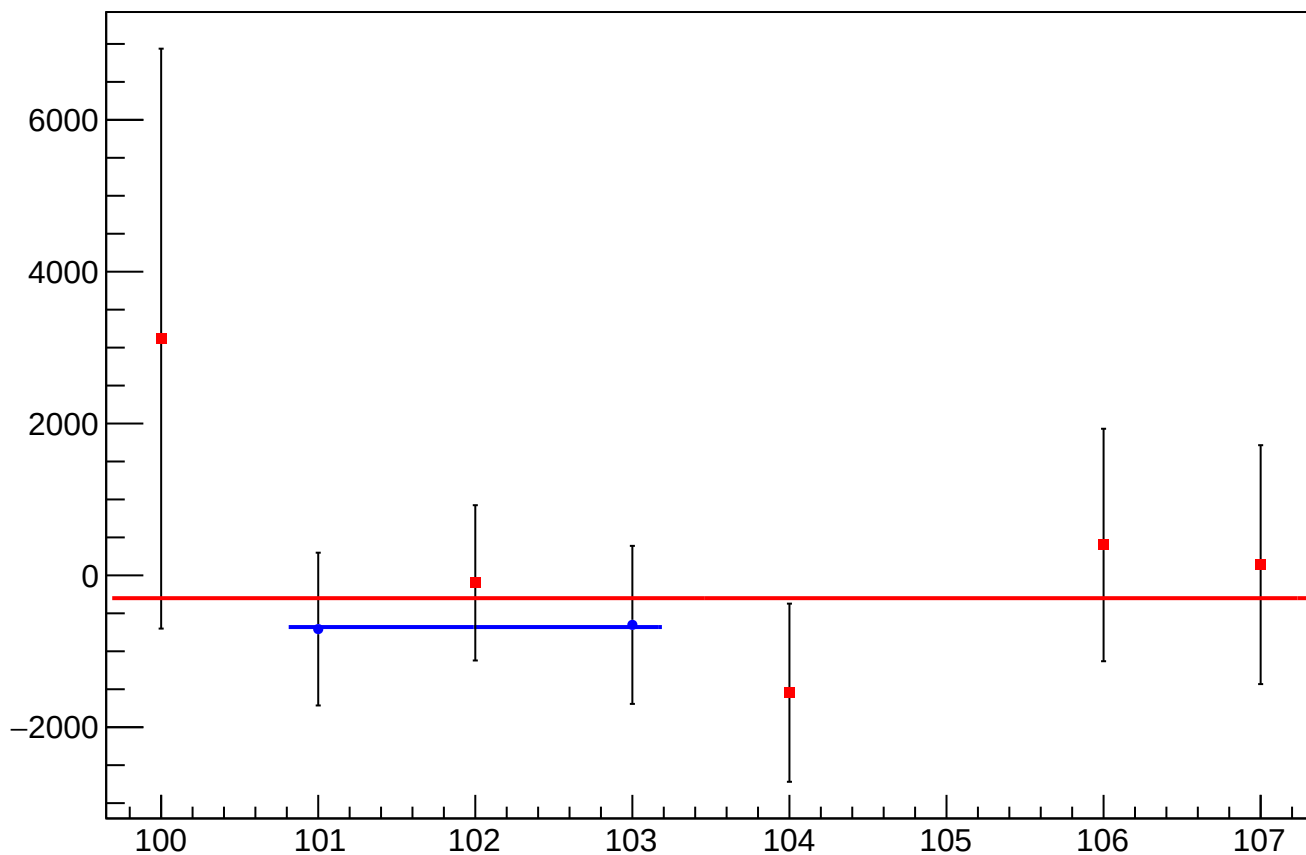
Right: 151.693+/-0.062 χ^2/NDF : 17883.1/6

In: 155.389+/-0.098 χ^2/NDF : 4801.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.693+/-0.062 χ^2/NDF : 17883.1/6

asym_sam_26_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -680.769+/-723.382 χ^2/NDF : 0.0/1

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

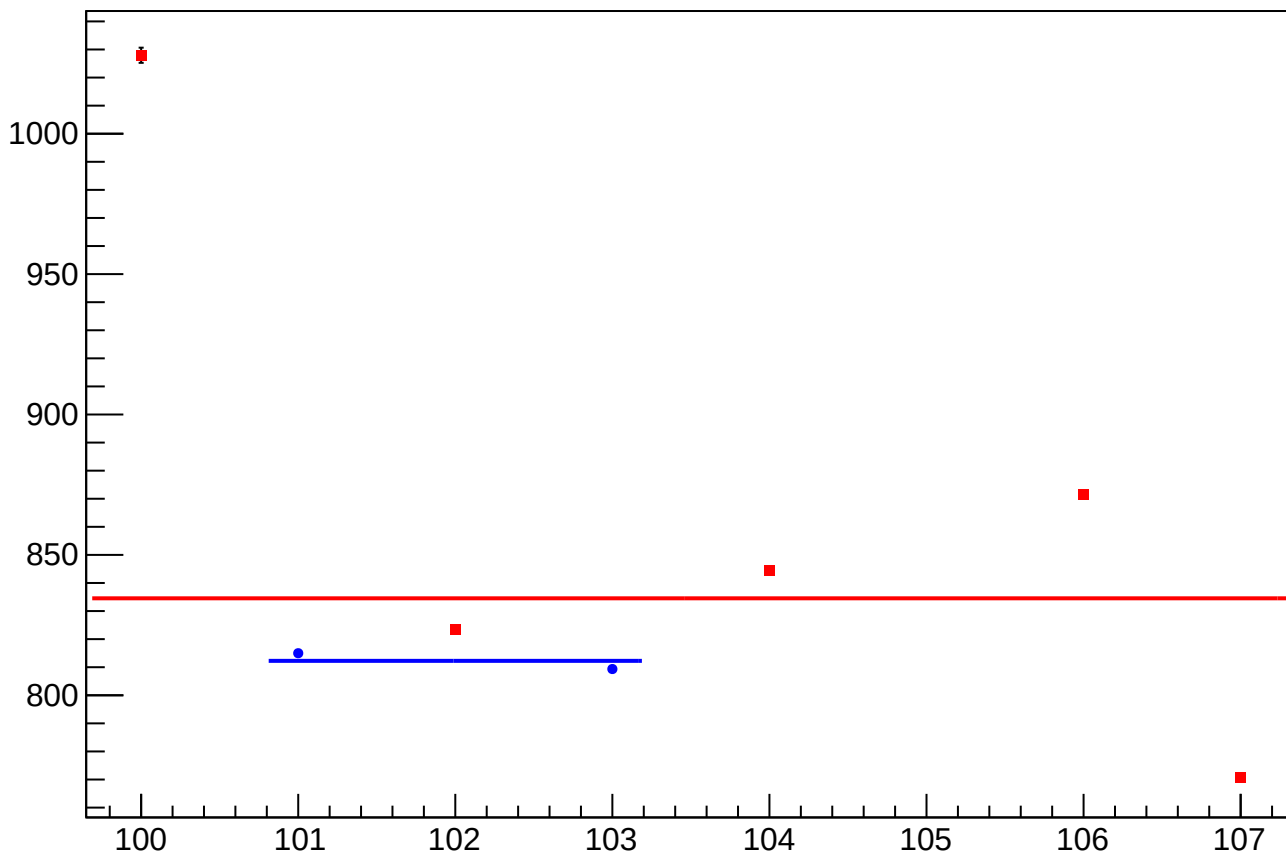
Right: -462.170+/-471.793 χ^2/NDF : 2.4/6

In: -680.769+/-723.382 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -462.170+/-471.793 χ^2/NDF : 2.4/6

asym_sam_26_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 812.265+/-0.512 χ^2/NDF : 30.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 834.537+/-0.440 χ^2/NDF : 9975.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

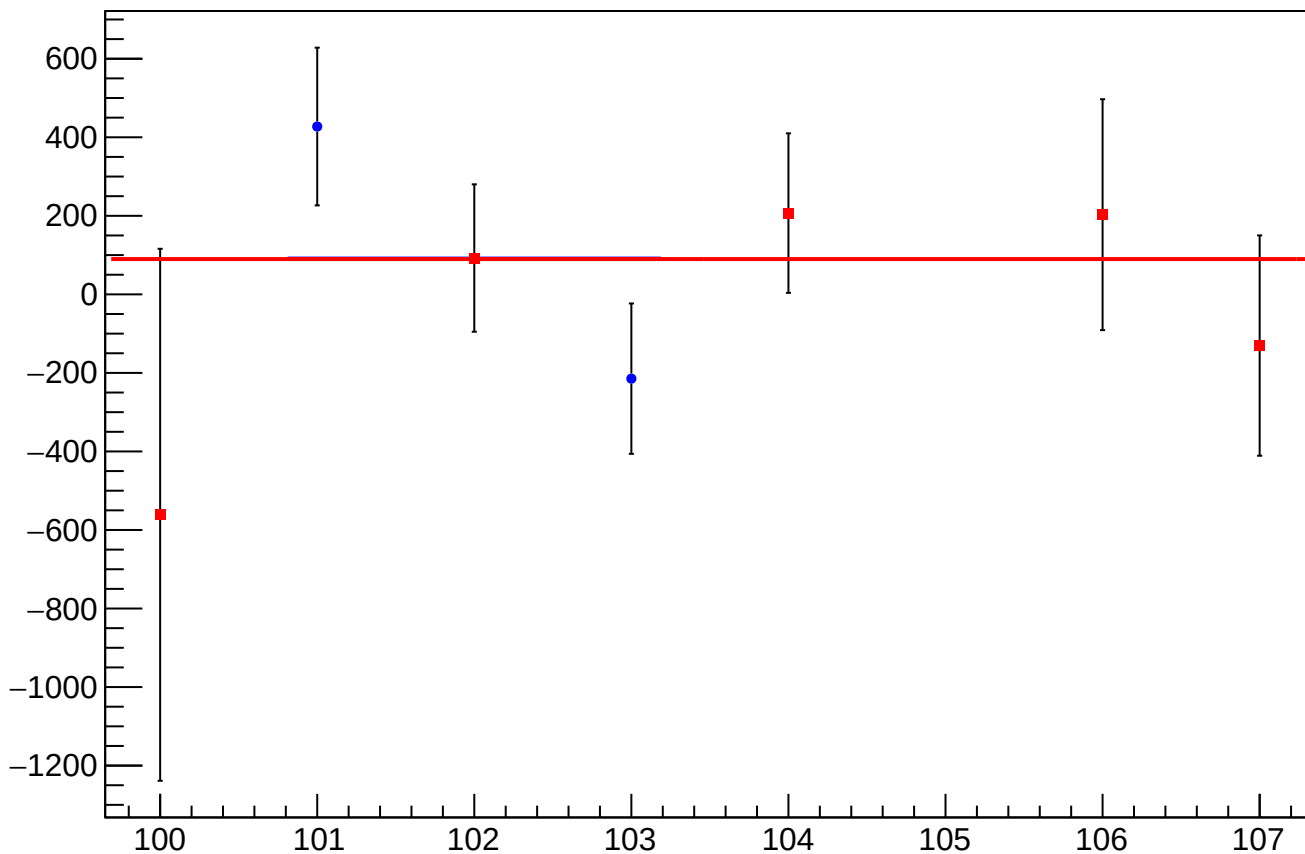
Right: 825.063+/-0.334 χ^2/NDF : 11095.4/6

In: 812.265+/-0.512 χ^2/NDF : 30.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 825.063+/-0.334 χ^2/NDF : 11095.4/6

eigen_dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 91.032+/-138.580 χ^2/NDF : 5.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.913+/-112.451 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

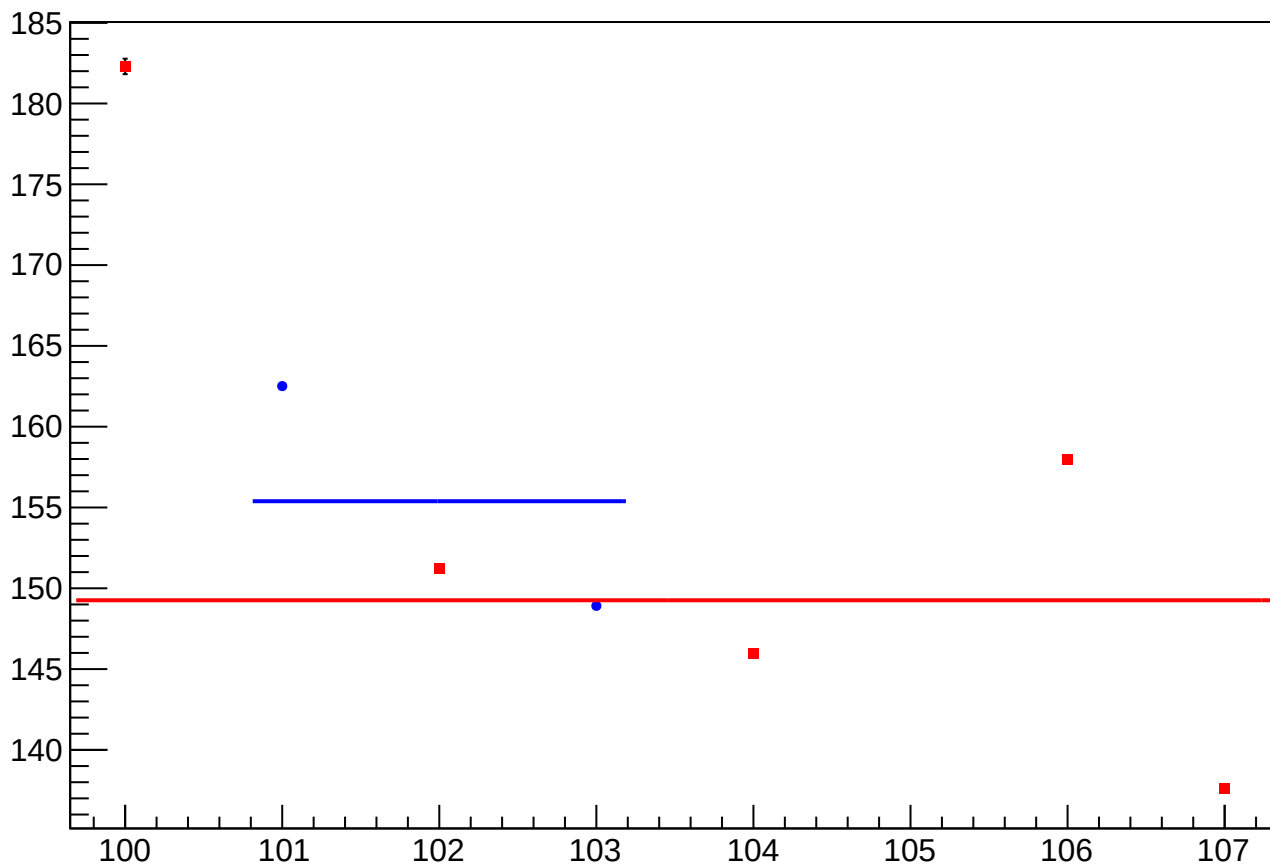
Right: 90.357+/-87.320 χ^2/NDF : 7.4/6

In: 91.032+/-138.580 χ^2/NDF : 5.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.357+/-87.320 χ^2/NDF : 7.4/6

eigen_dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 155.388+/-0.098 χ^2/NDF : 4801.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.259+/-0.080 χ^2/NDF : 10722.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

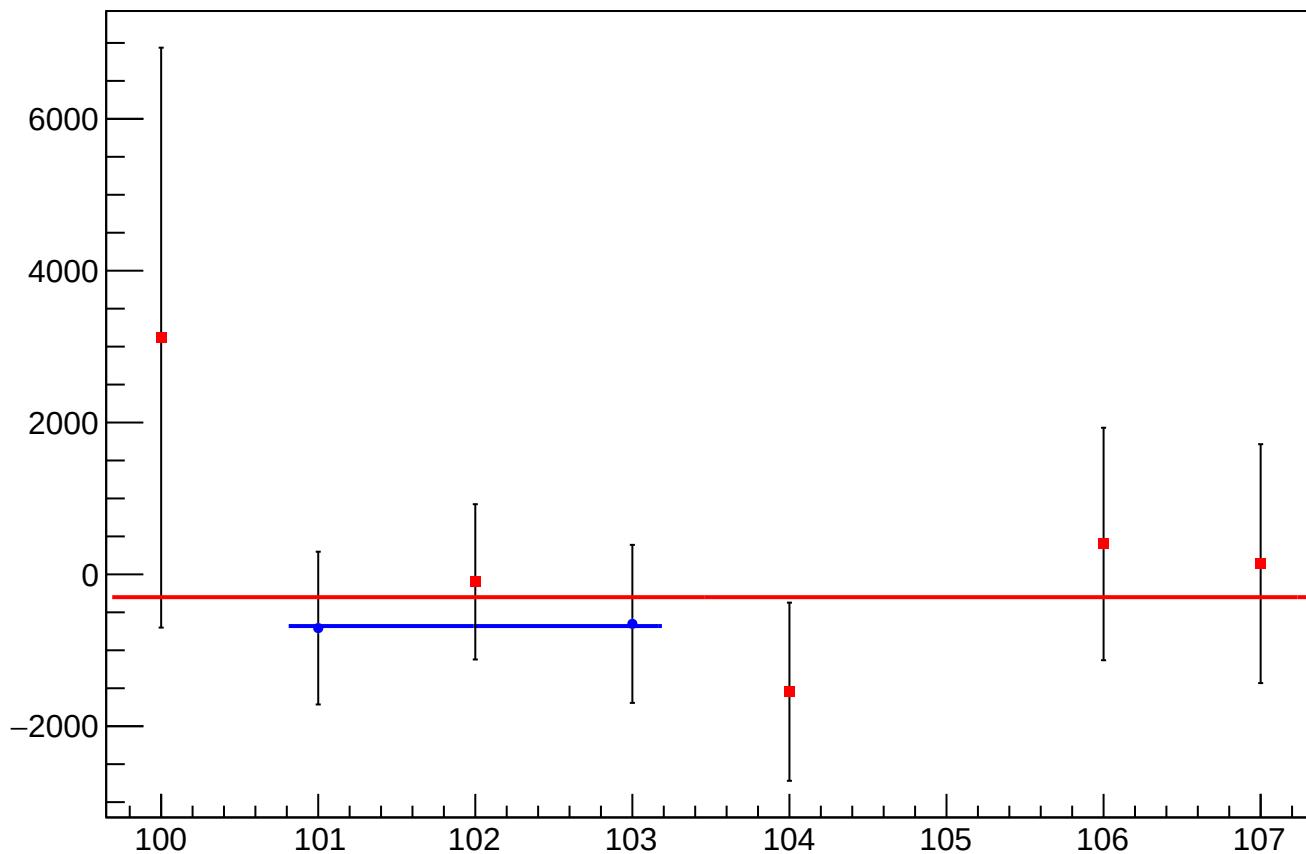
Right: 151.692+/-0.062 χ^2/NDF : 17883.2/6

In: 155.388+/-0.098 χ^2/NDF : 4801.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.692+/-0.062 χ^2/NDF : 17883.2/6

asym_sam_26_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -680.774+/-723.381 χ^2/NDF : 0.0/1

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

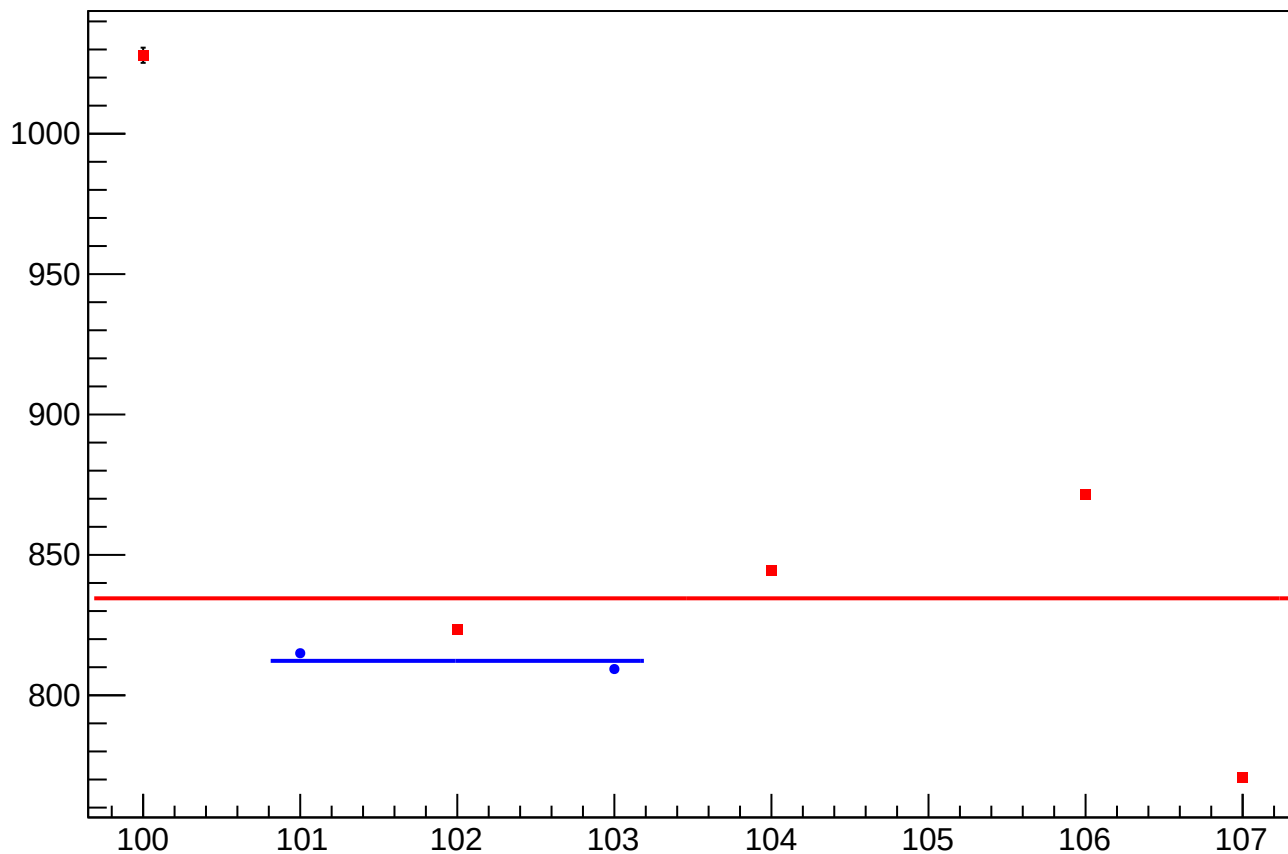
Right: -462.172+/-471.792 χ^2/NDF : 2.4/6

In: -680.774+/-723.381 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -462.172+/-471.792 χ^2/NDF : 2.4/6

asym_sam_26_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 812.263+/-0.512 χ^2/NDF : 30.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 834.534+/-0.440 χ^2/NDF : 9975.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

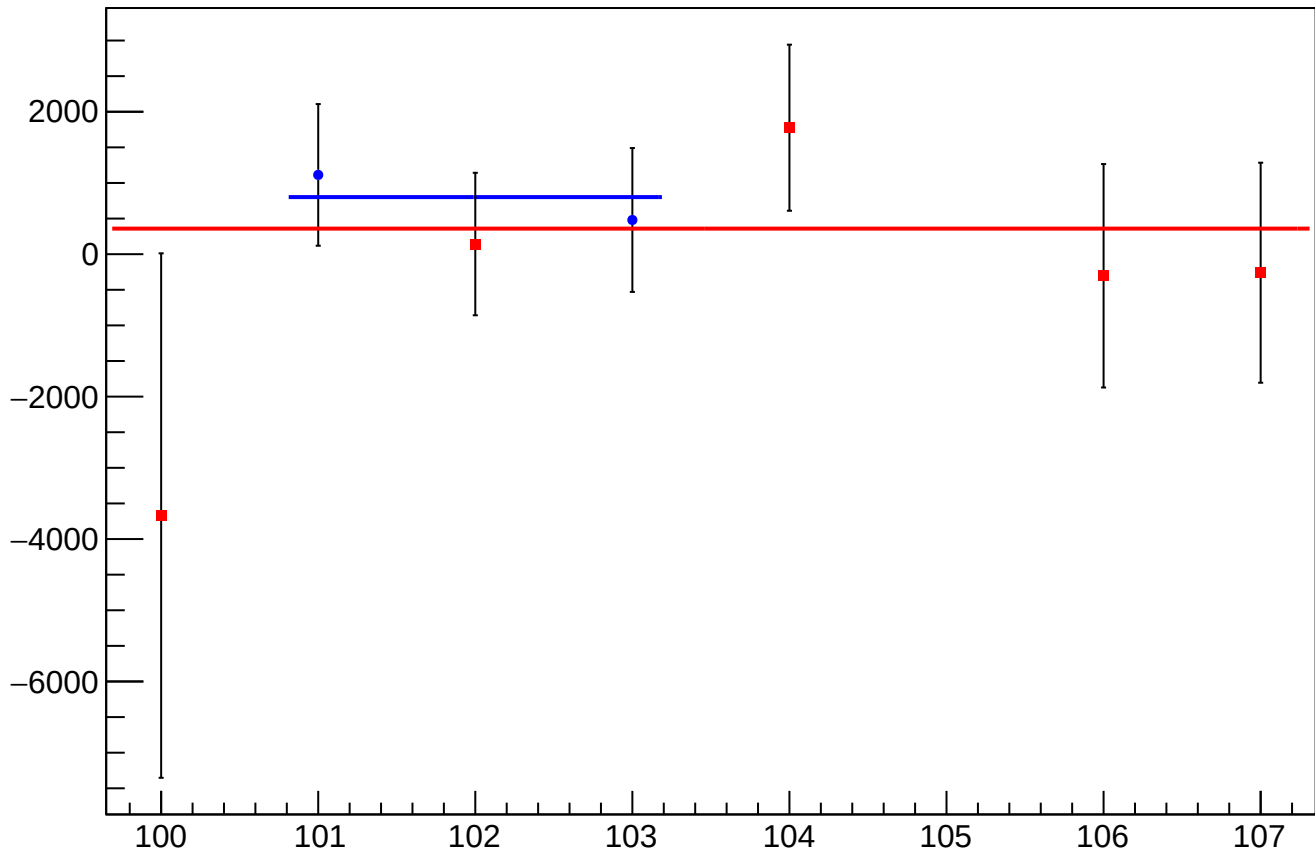
Right: 825.061+/-0.334 χ^2/NDF : 11095.5/6

In: 812.263+/-0.512 χ^2/NDF : 30.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 825.061+/-0.334 χ^2/NDF : 11095.5/6

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 801.647+/-708.695 χ^2/NDF : 0.2/1

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

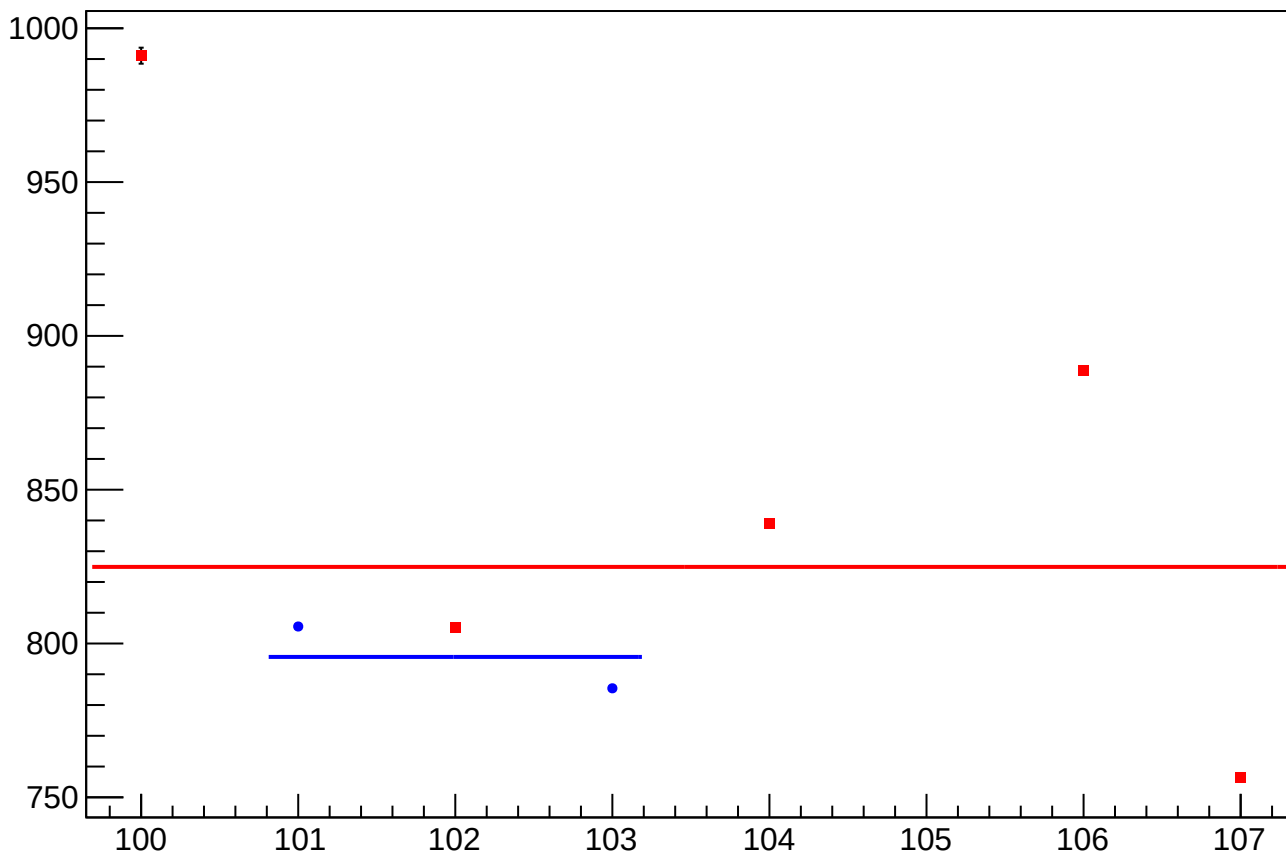
Right: 549.604+/-464.994 χ^2/NDF : 3.5/6

In: 801.647+/-708.695 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 549.604+/-464.994 χ^2/NDF : 3.5/6

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 795.639 $\pm$ 0.501 χ^2 /NDF: 401.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 824.904 $\pm$ 0.436 χ^2 /NDF: 12377.1/4

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

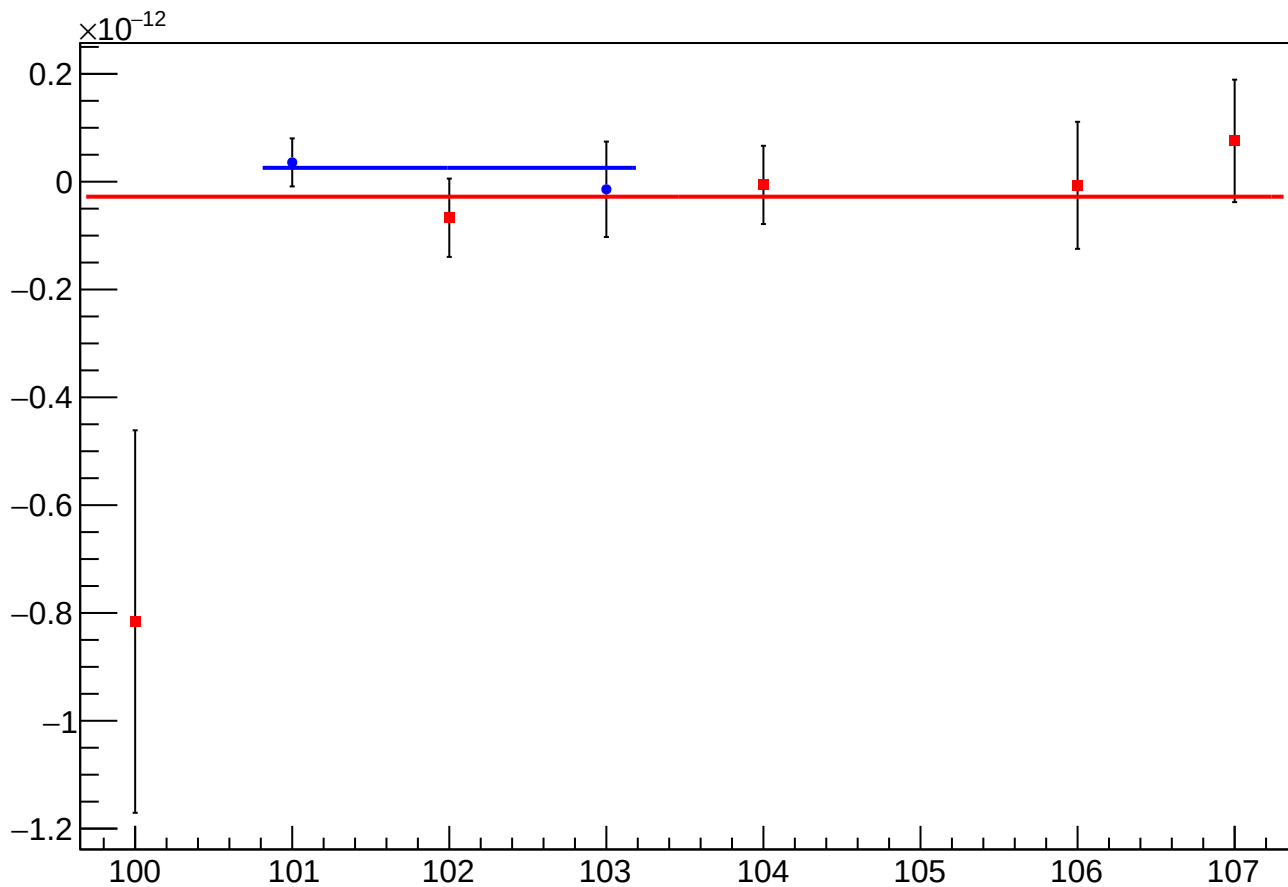
Right: 812.305 $\pm$ 0.329 χ^2 /NDF: 14721.0/6

In: 795.639 $\pm$ 0.501 χ^2 /NDF:401.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 812.305 $\pm$ 0.329 χ^2 /NDF: 14721.0/6

asym_sam_26_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 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

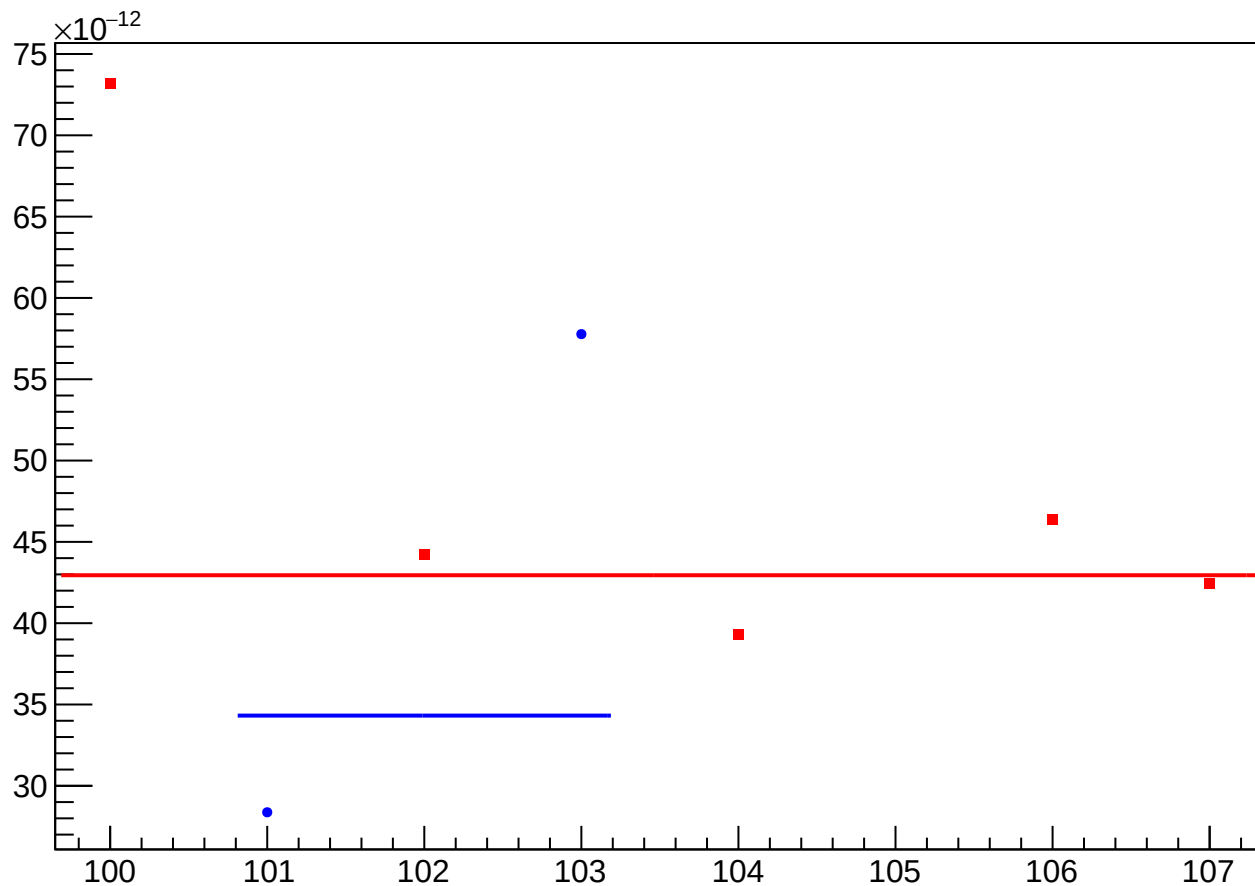
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.3/6

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.3/6

asym_sam_26_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 176179.3/1

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

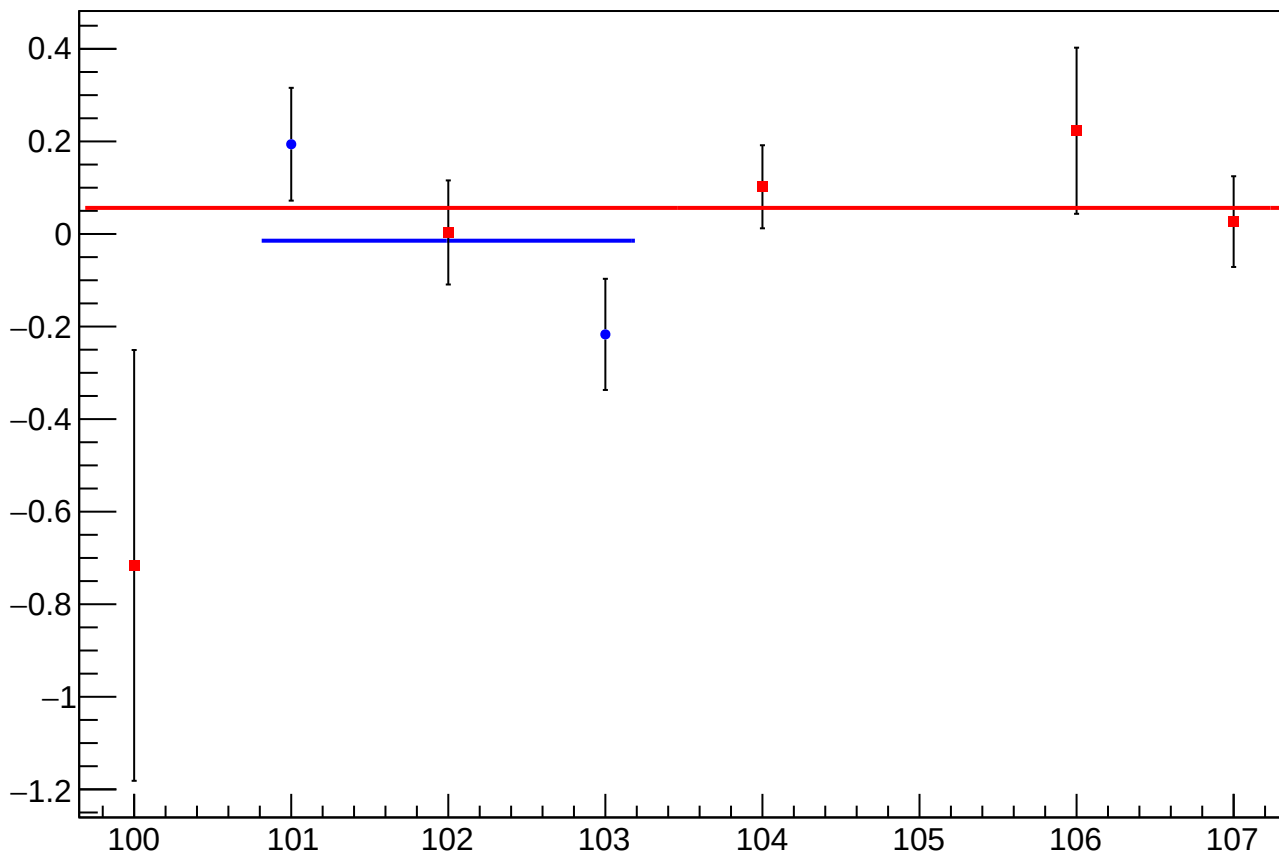
Right: 0.000+/-0.000 χ^2/NDF : 241237.2/6

In: 0.000+/-0.000 χ^2/NDF : 176179.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 241237.2/6

asym_sam_26_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015 $\pm$ 0.086 χ^2 /NDF: 5.8/1

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

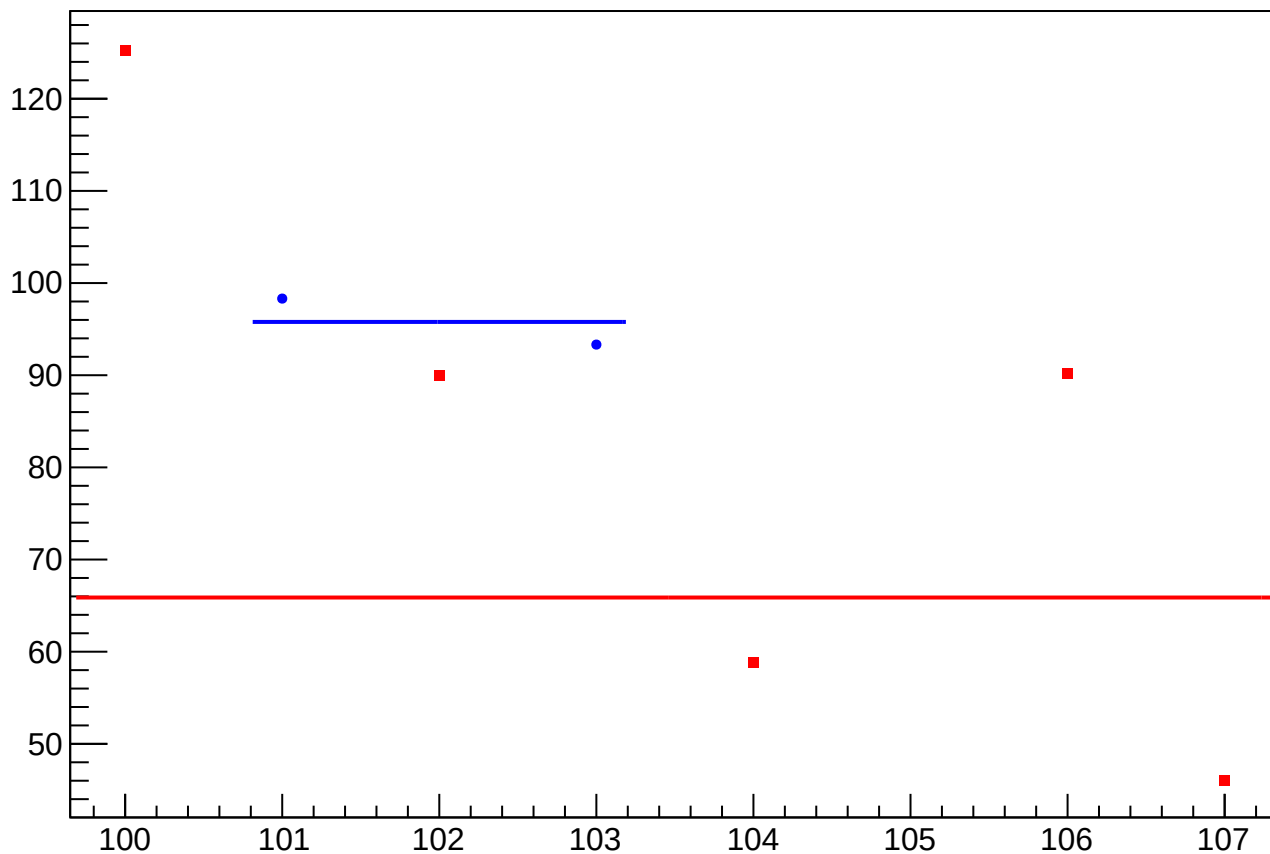
Right: 0.036 $\pm$ 0.046 χ^2 /NDF: 10.4/6

In: -0.015 $\pm$ 0.086 χ^2 /NDF:5.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.036 $\pm$ 0.046 χ^2 /NDF: 10.4/6

asym_sam_26_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 95.783+/-0.060 χ^2/NDF : 1702.2/1

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

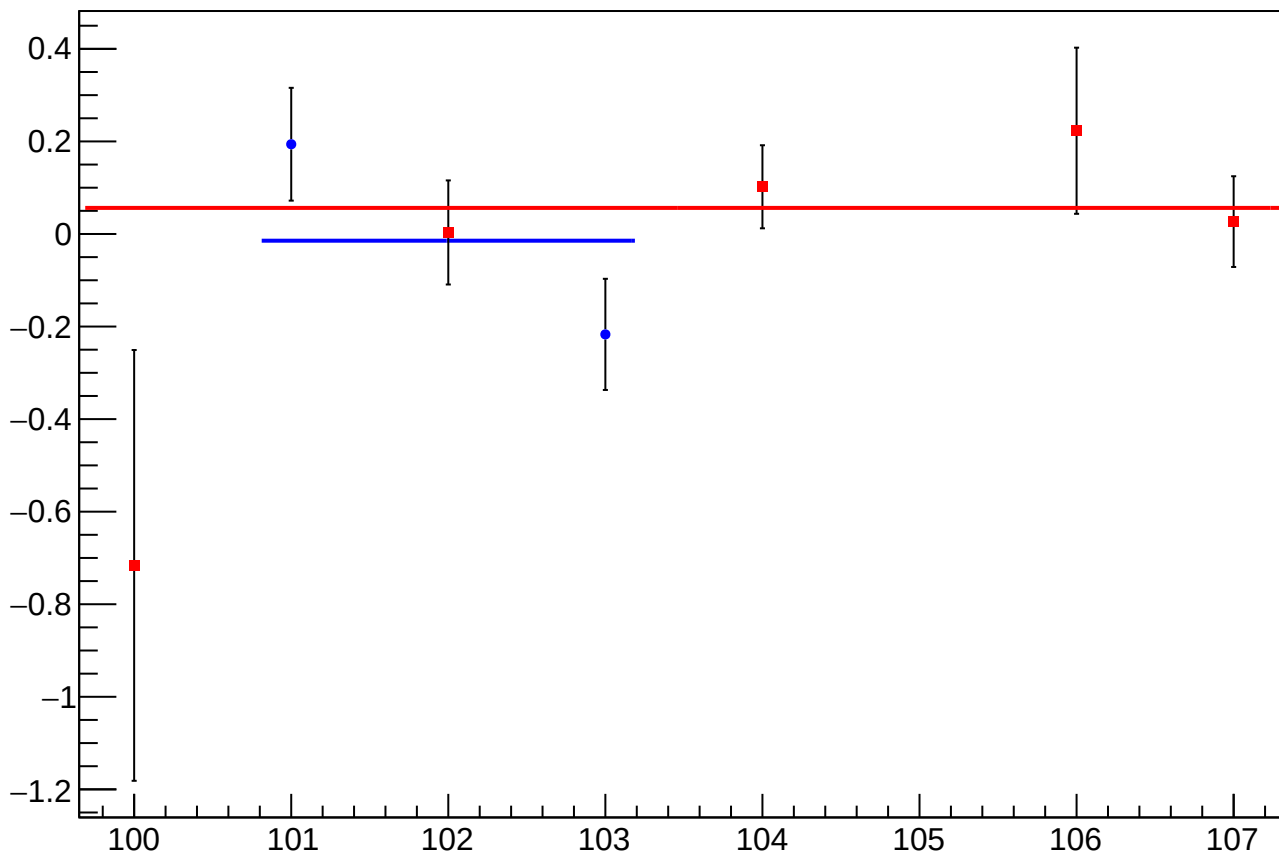
Right: 74.401+/-0.032 χ^2/NDF : 431581.2/6

In: 95.783+/-0.060 χ^2/NDF : 1702.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.401+/-0.032 χ^2/NDF : 431581.2/6

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015 $\pm$ 0.086 χ^2 /NDF: 5.8/1

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

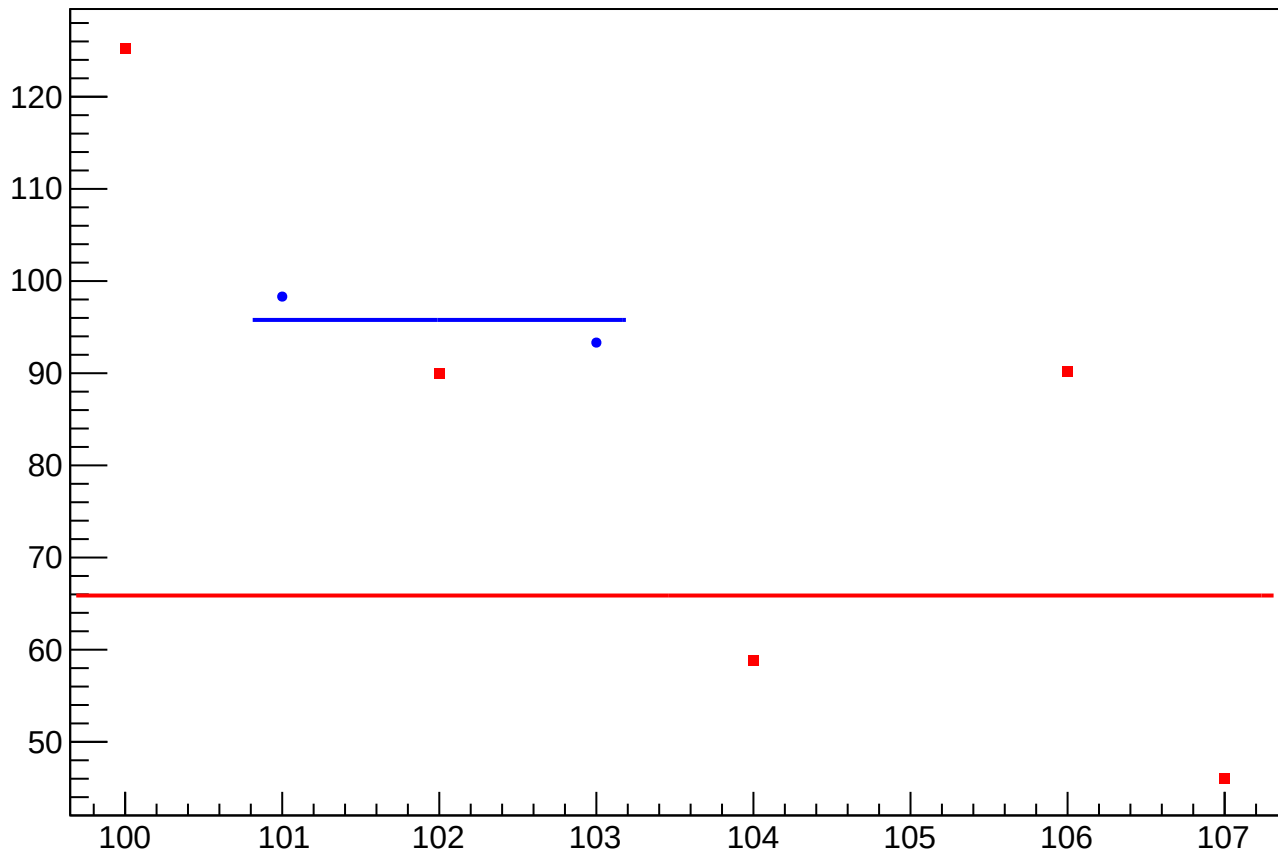
Right: 0.036 $\pm$ 0.046 χ^2 /NDF: 10.4/6

In: -0.015 $\pm$ 0.086 χ^2 /NDF:5.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.036 $\pm$ 0.046 χ^2 /NDF: 10.4/6

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 95.783+/-0.060 χ^2/NDF : 1702.2/1

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

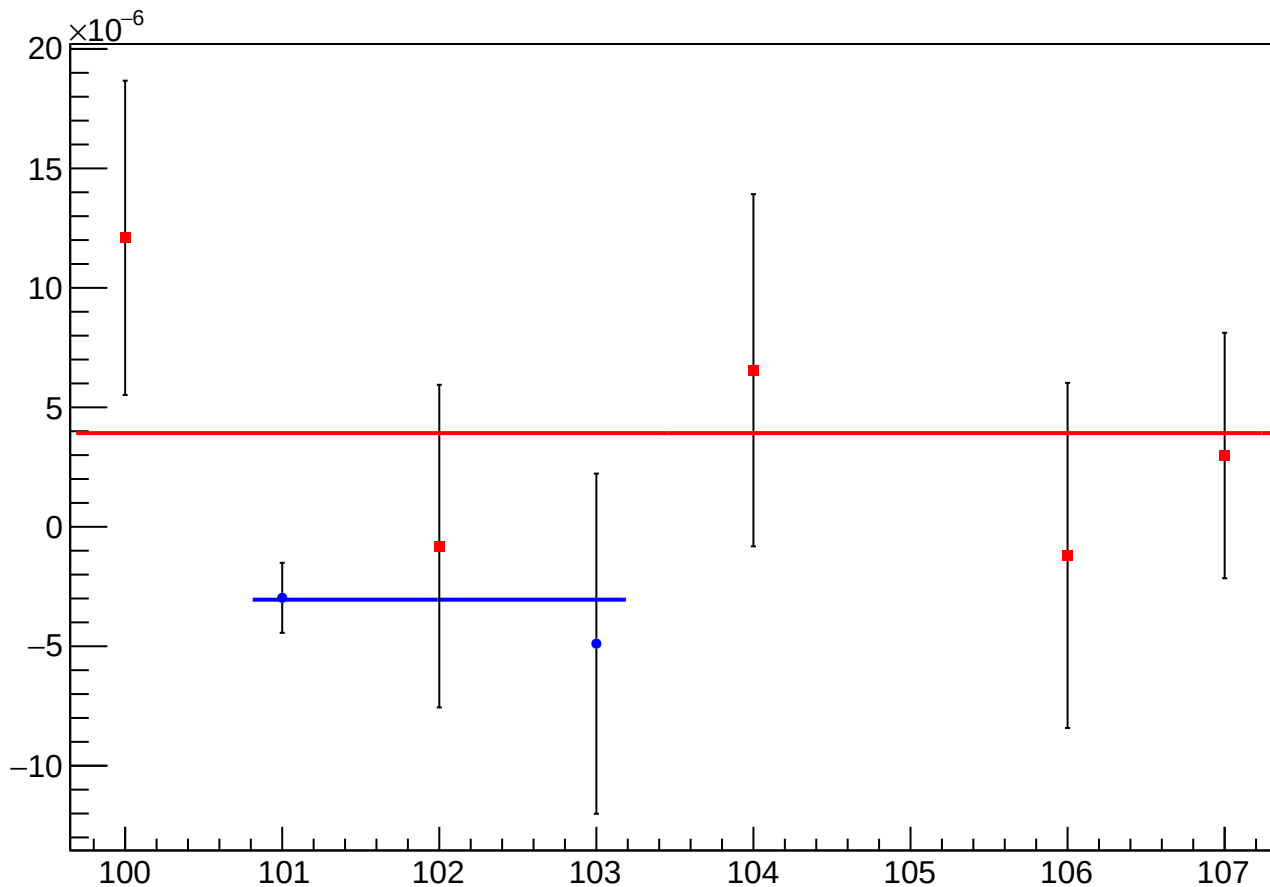
Right: 74.401+/-0.032 χ^2/NDF : 431581.2/6

In: 95.783+/-0.060 χ^2/NDF : 1702.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.401+/-0.032 χ^2/NDF : 431581.2/6

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 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

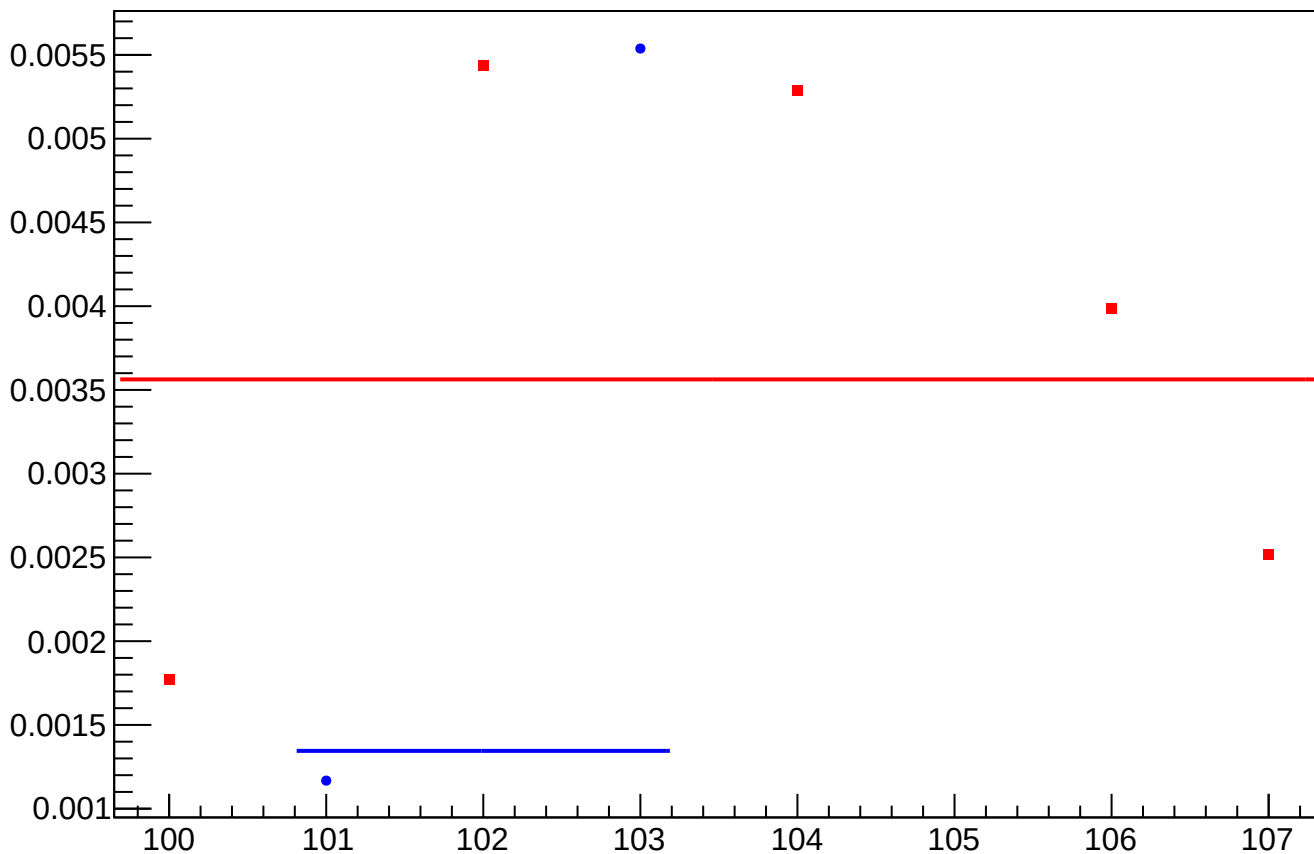
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 7.5/6

In: -0.000 $\pm$ 0.000 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 7.5/6

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 723223.9/1

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

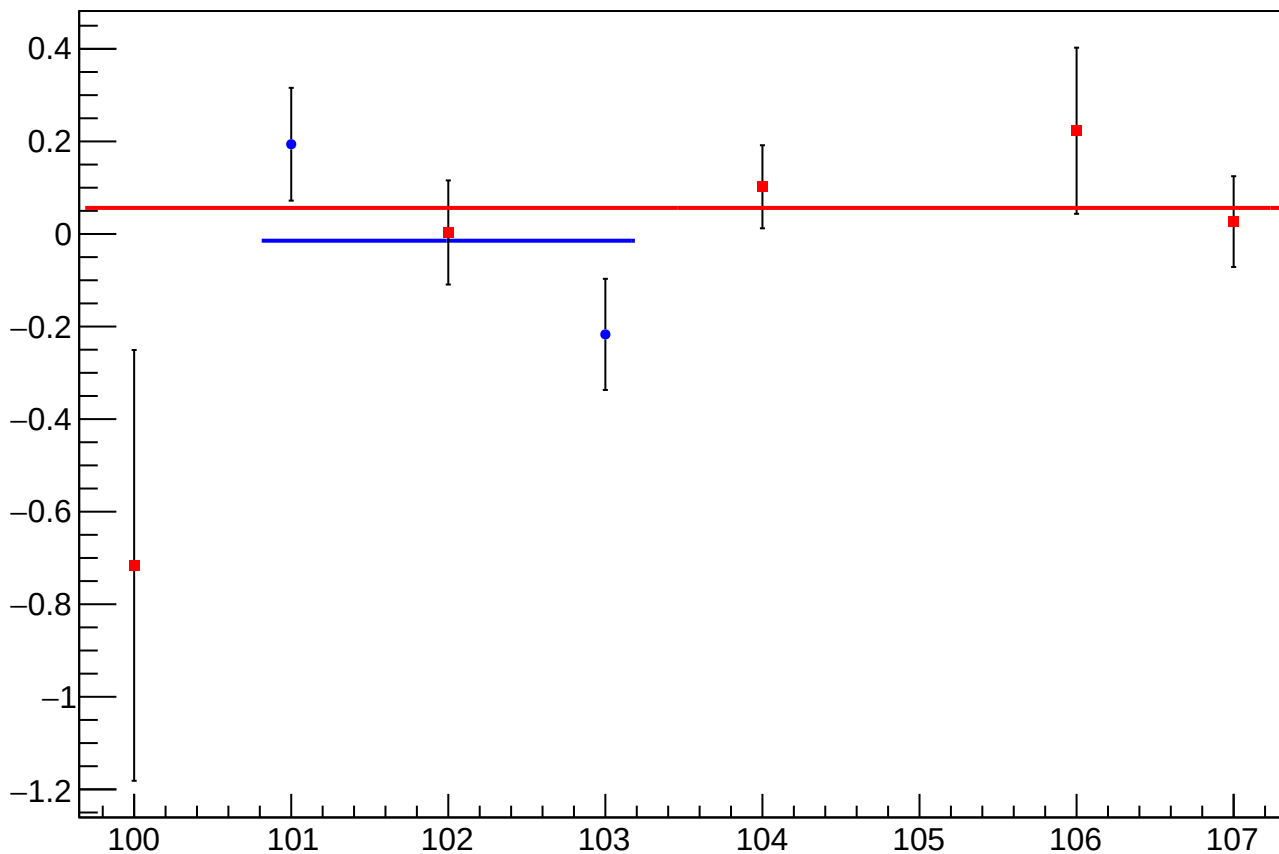
Right: 0.002+/-0.000 χ^2/NDF : 2174645.7/6

In: 0.001+/-0.000 χ^2/NDF : 723223.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2174645.7/6

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015 $\pm$ 0.086 χ^2 /NDF: 5.8/1

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

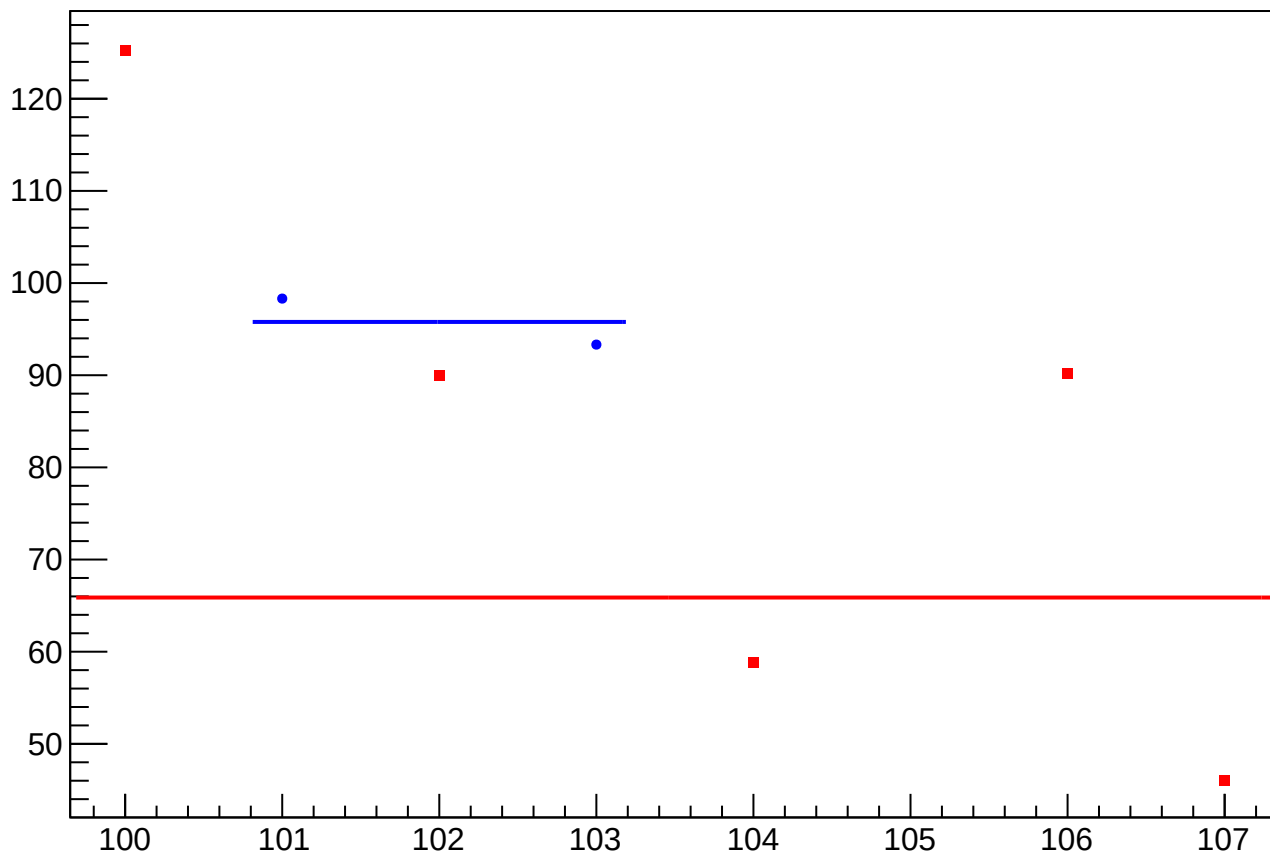
Right: 0.036 $\pm$ 0.046 χ^2 /NDF: 10.4/6

In: -0.015 $\pm$ 0.086 χ^2 /NDF:5.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.036 $\pm$ 0.046 χ^2 /NDF: 10.4/6

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 95.783+/-0.060 χ^2/NDF : 1702.8/1

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

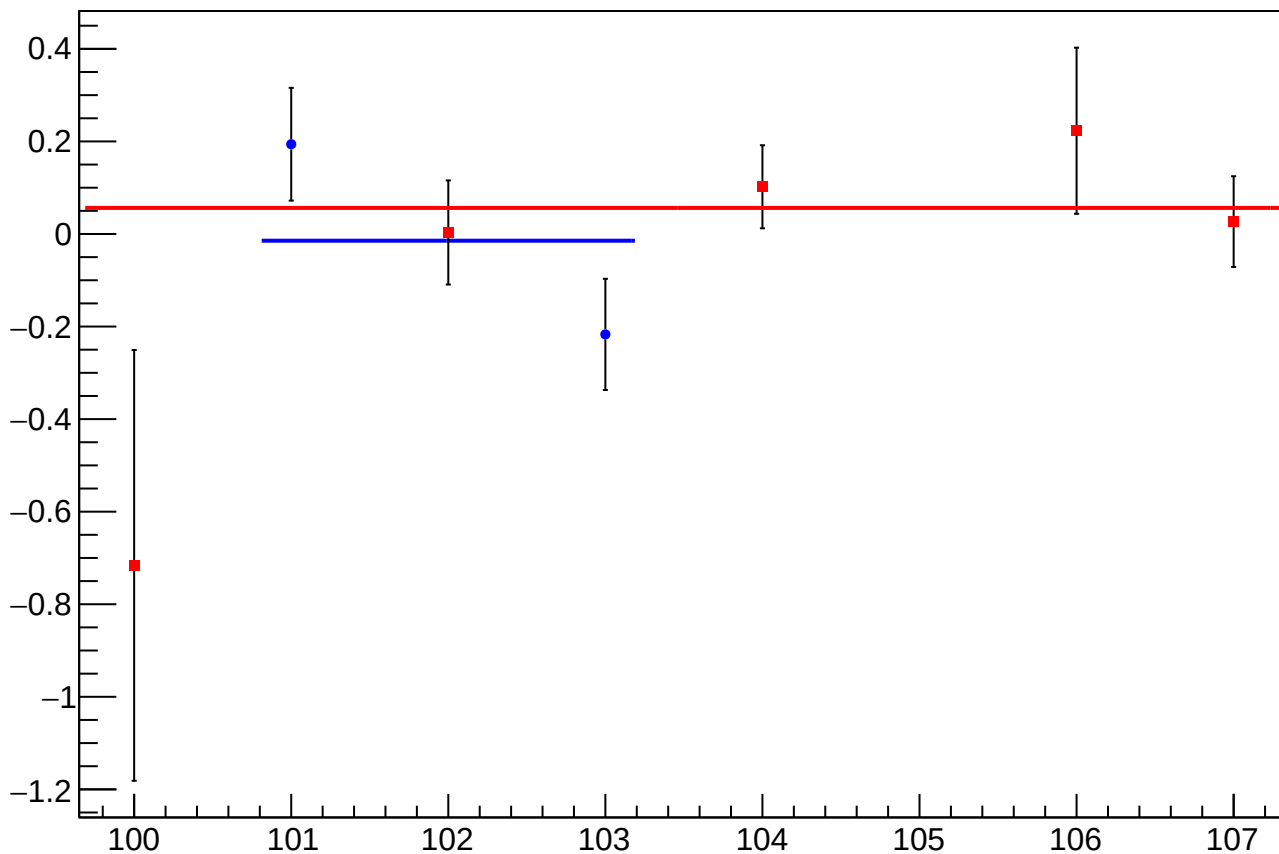
Right: 74.400+/-0.032 χ^2/NDF : 431597.3/6

In: 95.783+/-0.060 χ^2/NDF : 1702.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.400+/-0.032 χ^2/NDF : 431597.3/6

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.086 χ^2/NDF : 5.8/1

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

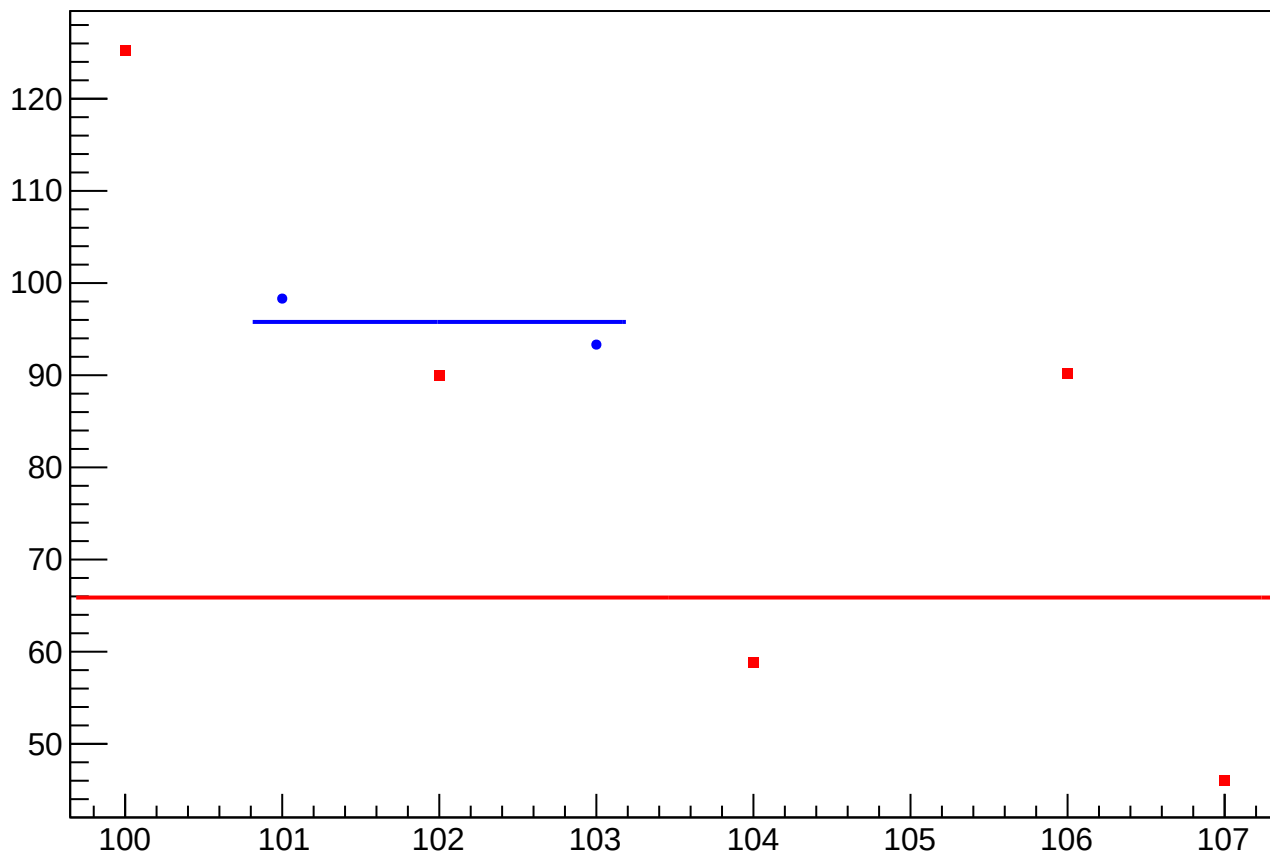
Right: 0.036+/-0.046 χ^2/NDF : 10.4/6

In: -0.015+/-0.086 χ^2/NDF :5.8/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.036+/-0.046 χ^2/NDF : 10.4/6

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 95.783 $\pm$ 0.060 χ^2 /NDF: 1702.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 65.878 $\pm$ 0.038 χ^2 /NDF: 255077.0/4

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

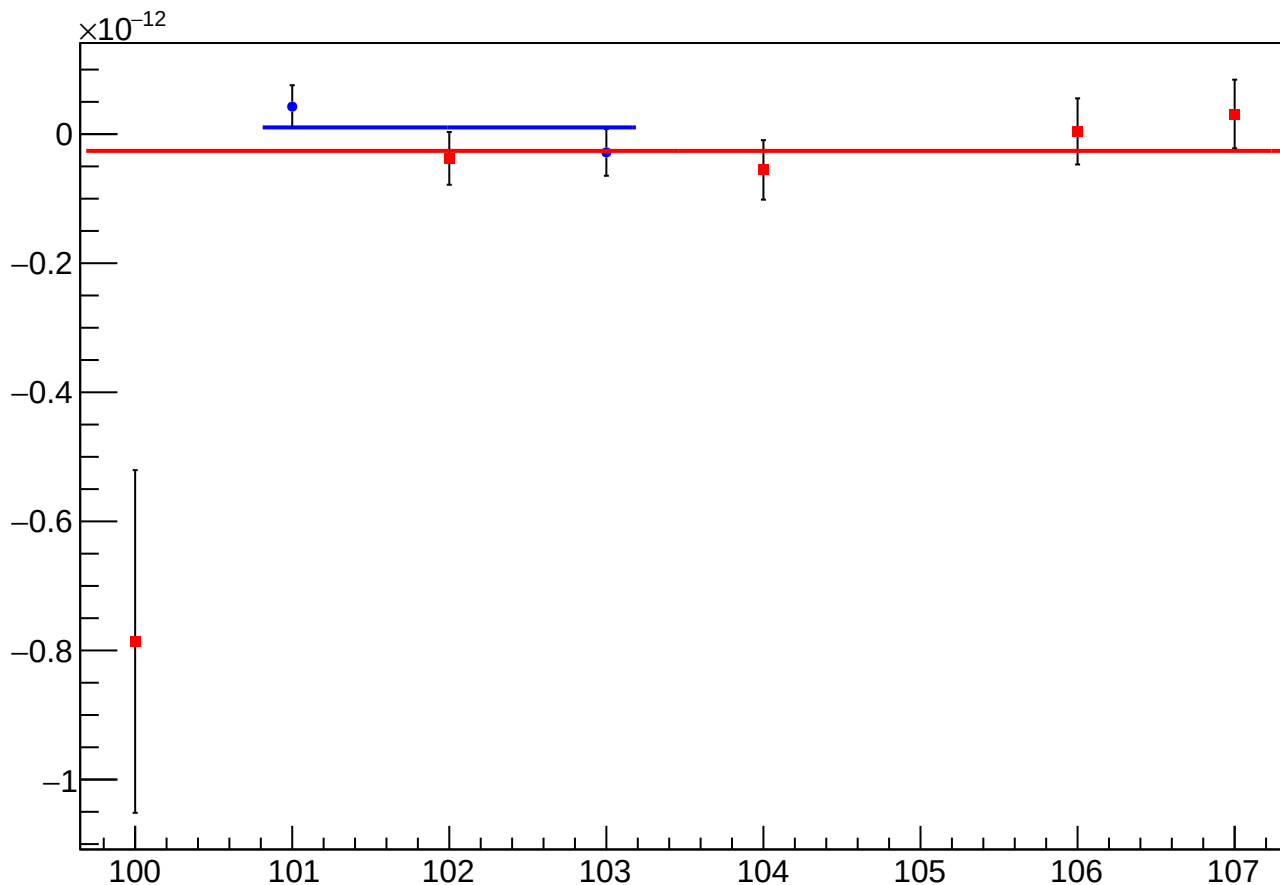
Right: 74.400 $\pm$ 0.032 χ^2 /NDF: 431597.3/6

In: 95.783 $\pm$ 0.060 χ^2 /NDF: 1702.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 74.400 $\pm$ 0.032 χ^2 /NDF: 431597.3/6

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 2.1/1

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

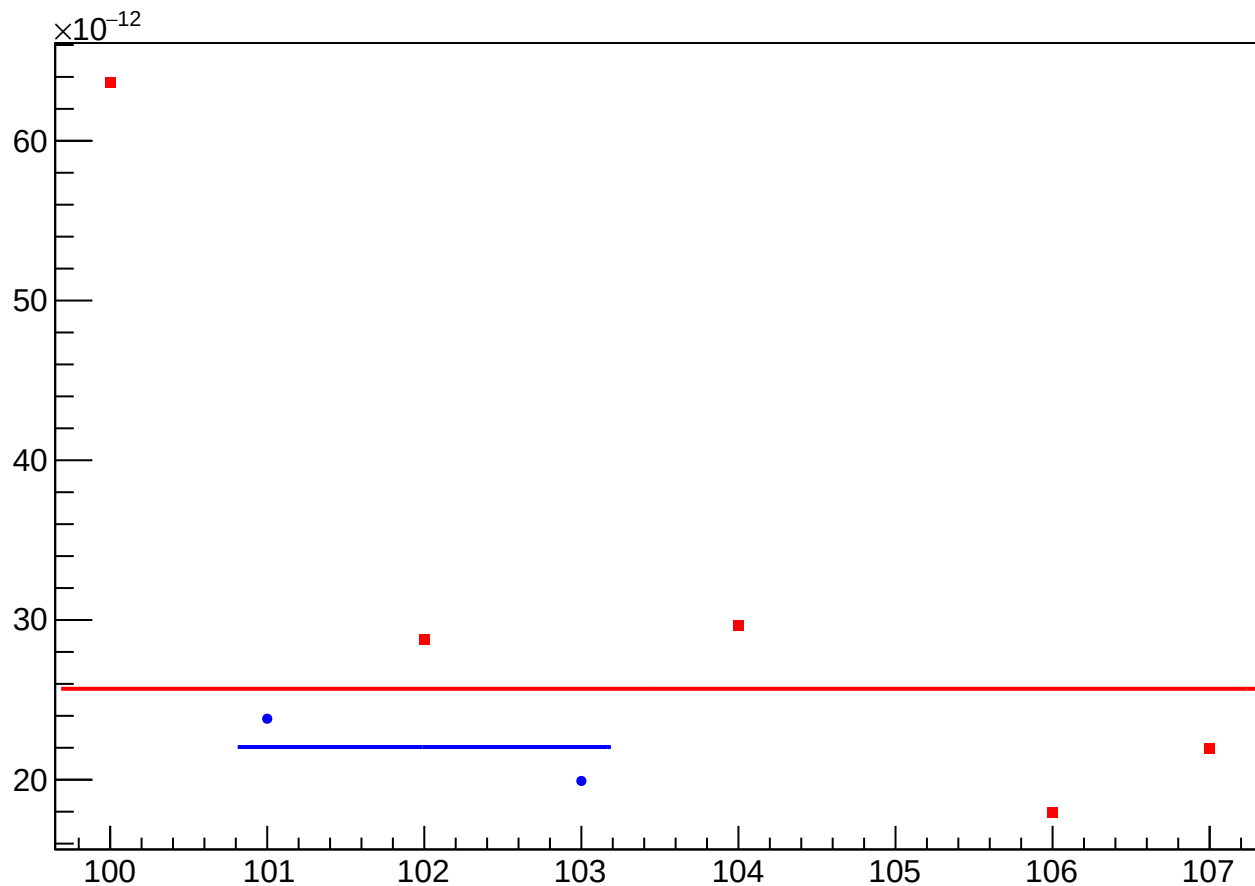
Right: -0.000+/-0.000 χ^2 /NDF: 13.4/6

In: 0.000+/-0.000 χ^2 /NDF: 2.1/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 13.4/6

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12594.5/1

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

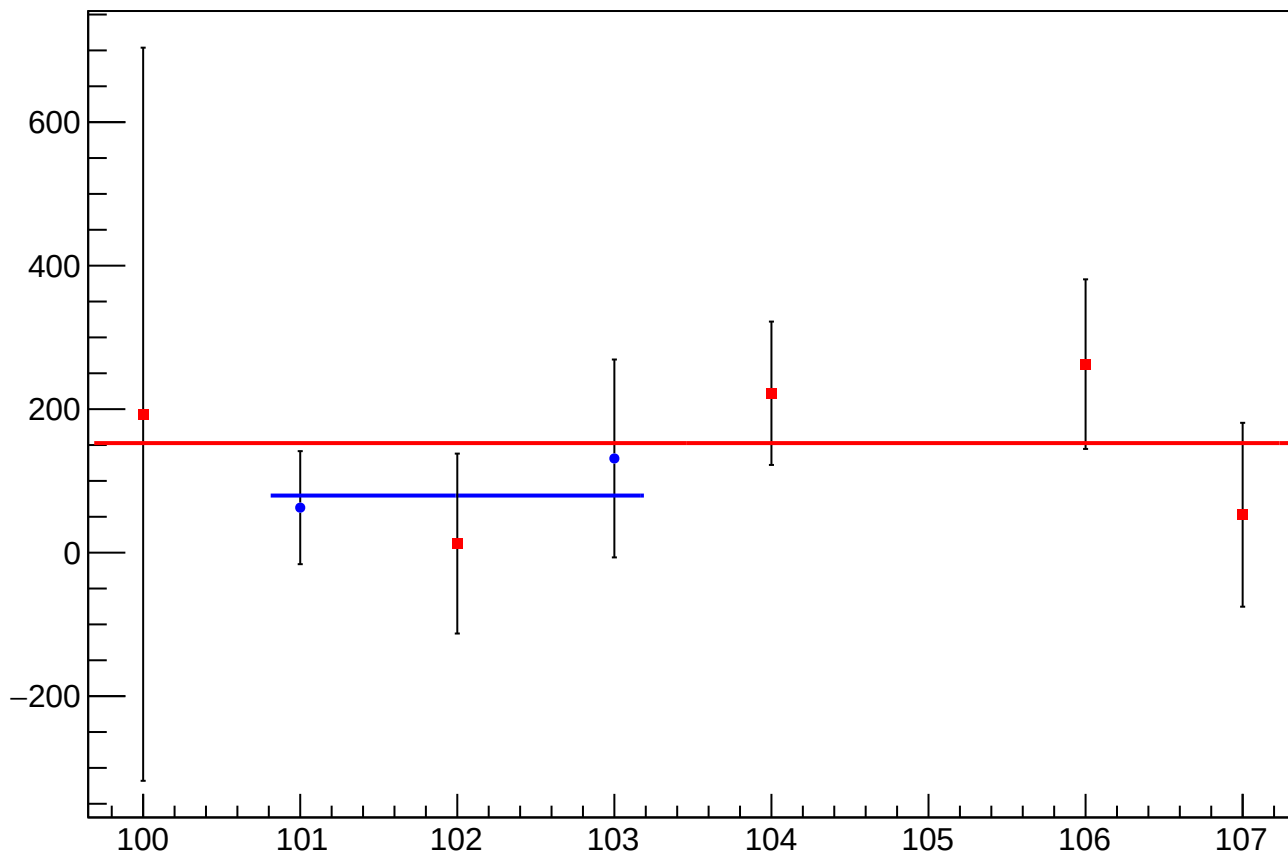
Right: 0.000+/-0.000 χ^2/NDF : 158201.9/6

In: 0.000+/-0.000 χ^2/NDF : 12594.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 158201.9/6

reg_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 79.577+/-68.399 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.692+/-57.722 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

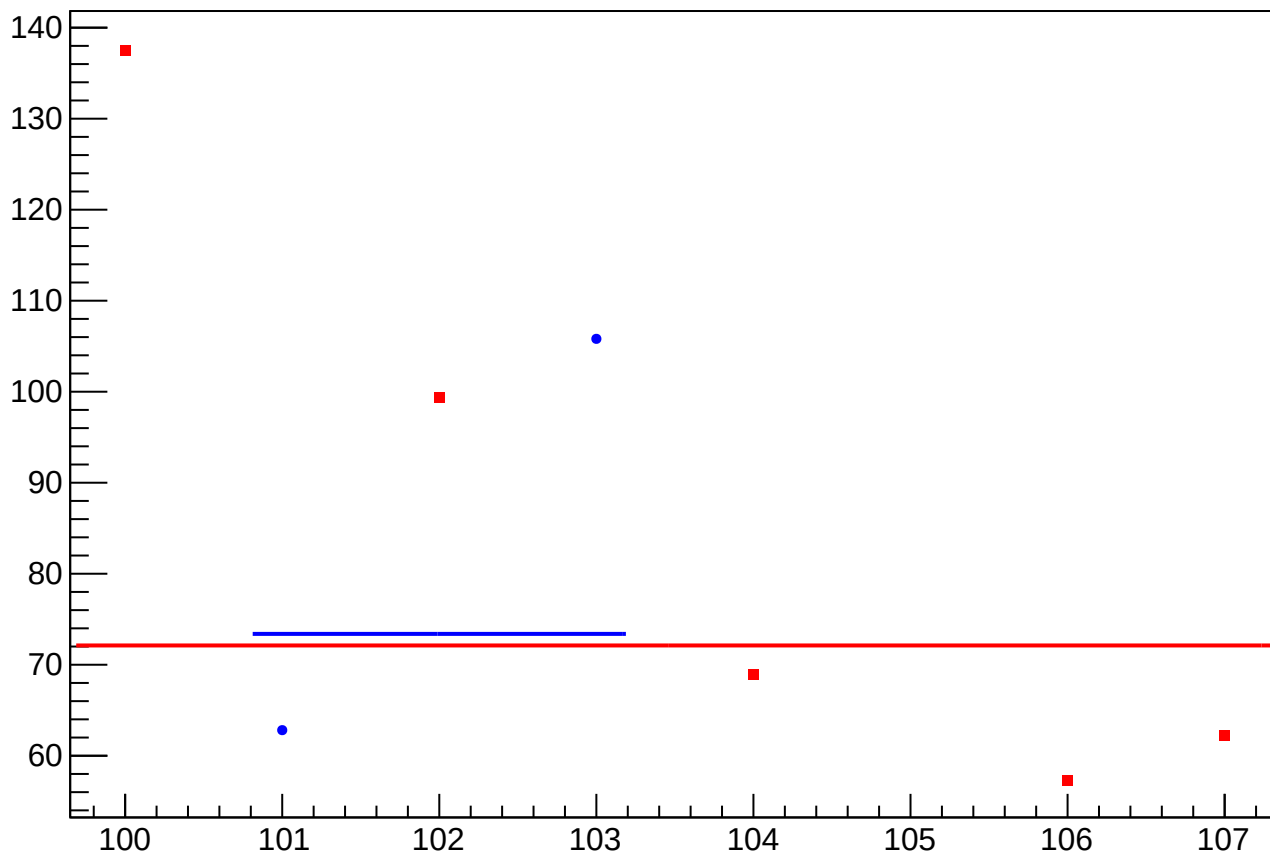
Right: 122.281+/-44.113 χ^2/NDF : 4.1/6

In: 79.577+/-68.399 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.281+/-44.113 χ^2/NDF : 4.1/6

reg_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 73.390 $\pm$ 0.048 χ^2 /NDF: 146582.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 72.119 $\pm$ 0.041 χ^2 /NDF: 172053.1/4

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

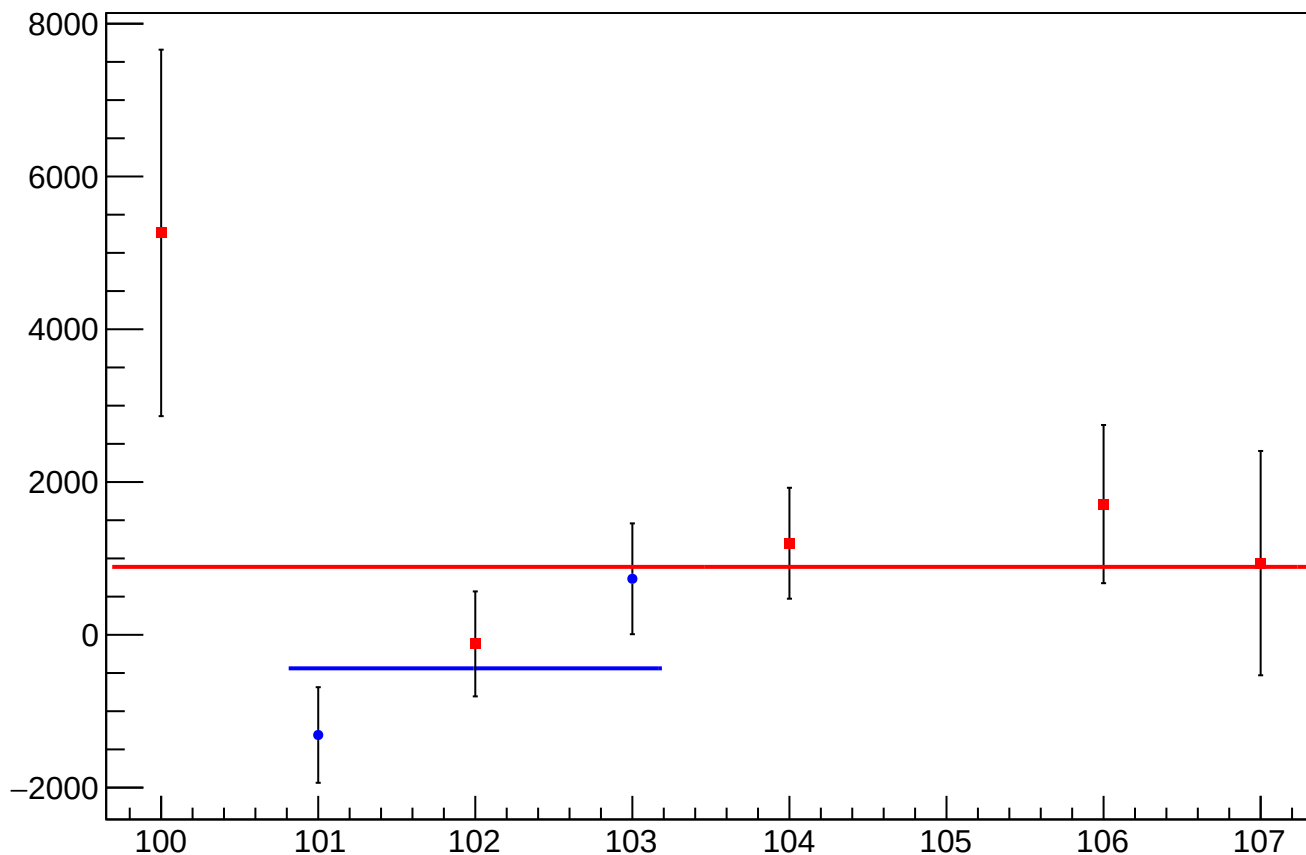
Right: 72.647 $\pm$ 0.031 χ^2 /NDF: 319039.1/6

In: 73.390 $\pm$ 0.048 χ^2 /NDF:146582.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 72.647 $\pm$ 0.031 χ^2 /NDF: 319039.1/6

asym_sam_1548_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -438.777+/-473.836 χ^2/NDF : 4.6/1

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

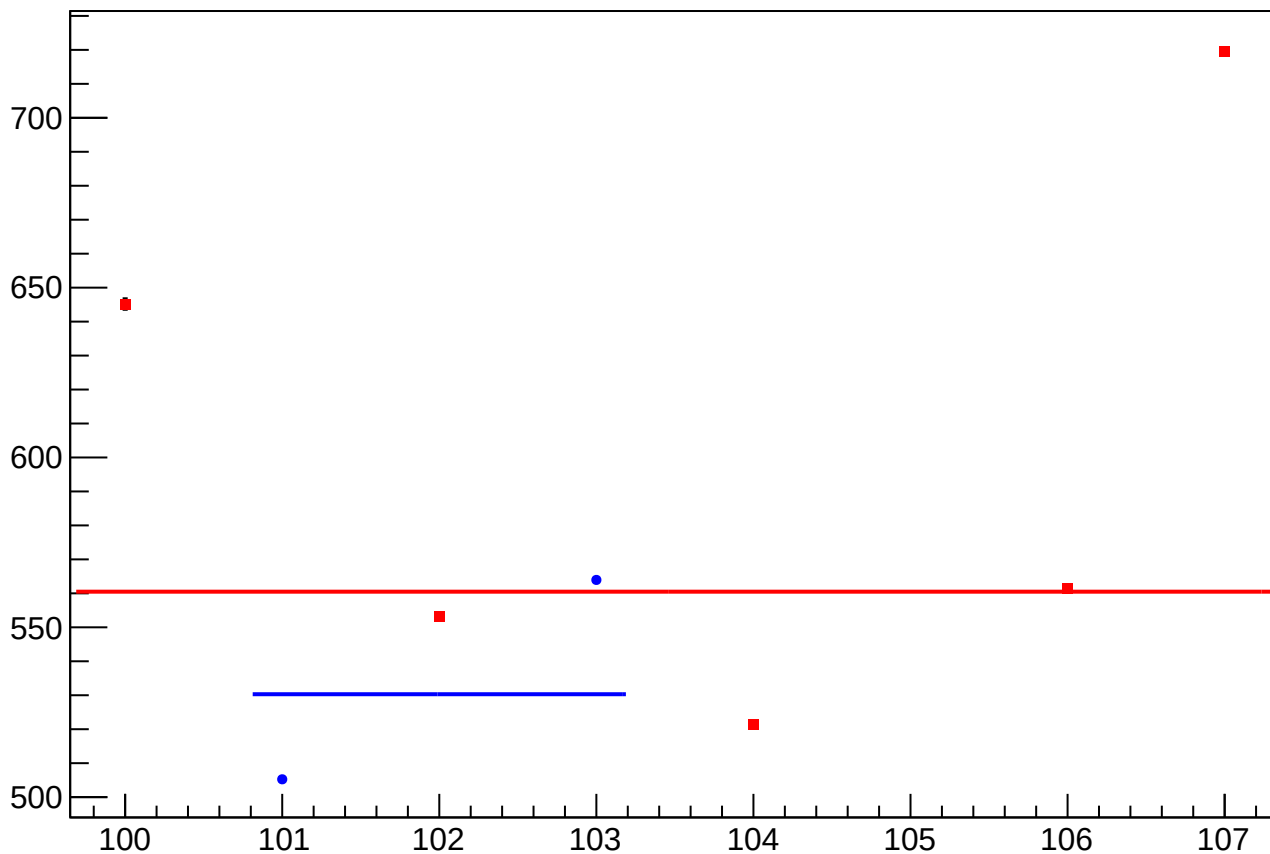
Right: 300.243+/-315.600 χ^2/NDF : 15.2/6

In: -438.777+/-473.836 χ^2/NDF : 4.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 300.243+/-315.600 χ^2/NDF : 15.2/6

asym_sam_1548_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 530.301+/-0.335 χ^2/NDF : 7508.0/1

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

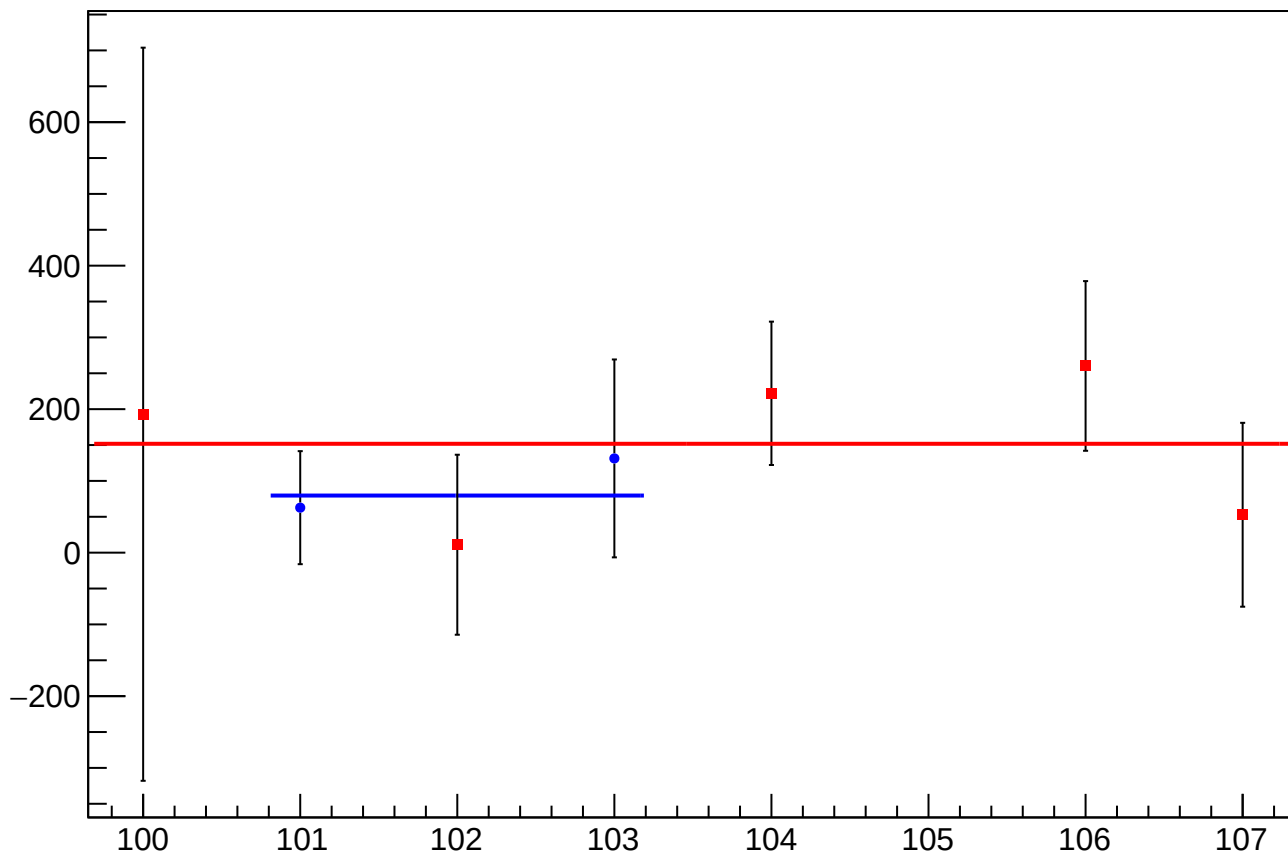
Right: 547.097+/-0.223 χ^2/NDF : 44021.6/6

In: 530.301+/-0.335 χ^2/NDF : 7508.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 547.097+/-0.223 χ^2/NDF : 44021.6/6

cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 79.591+/-68.399 χ^2/NDF : 0.2/1

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

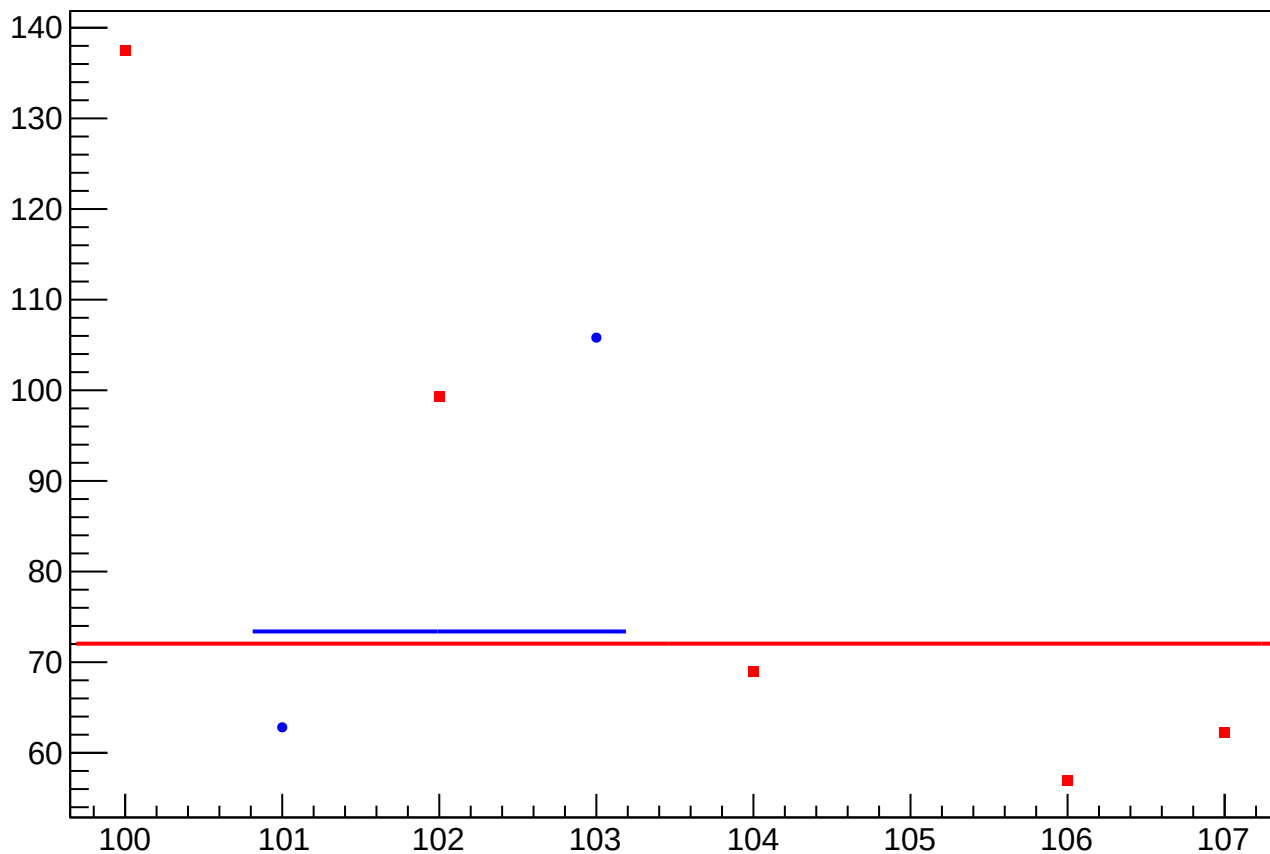
Right: 121.716+/-44.119 χ^2/NDF : 4.0/6

In: 79.591+/-68.399 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.716+/-44.119 χ^2/NDF : 4.0/6

cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 73.390+/-0.048 χ^2/NDF : 146585.3/1

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

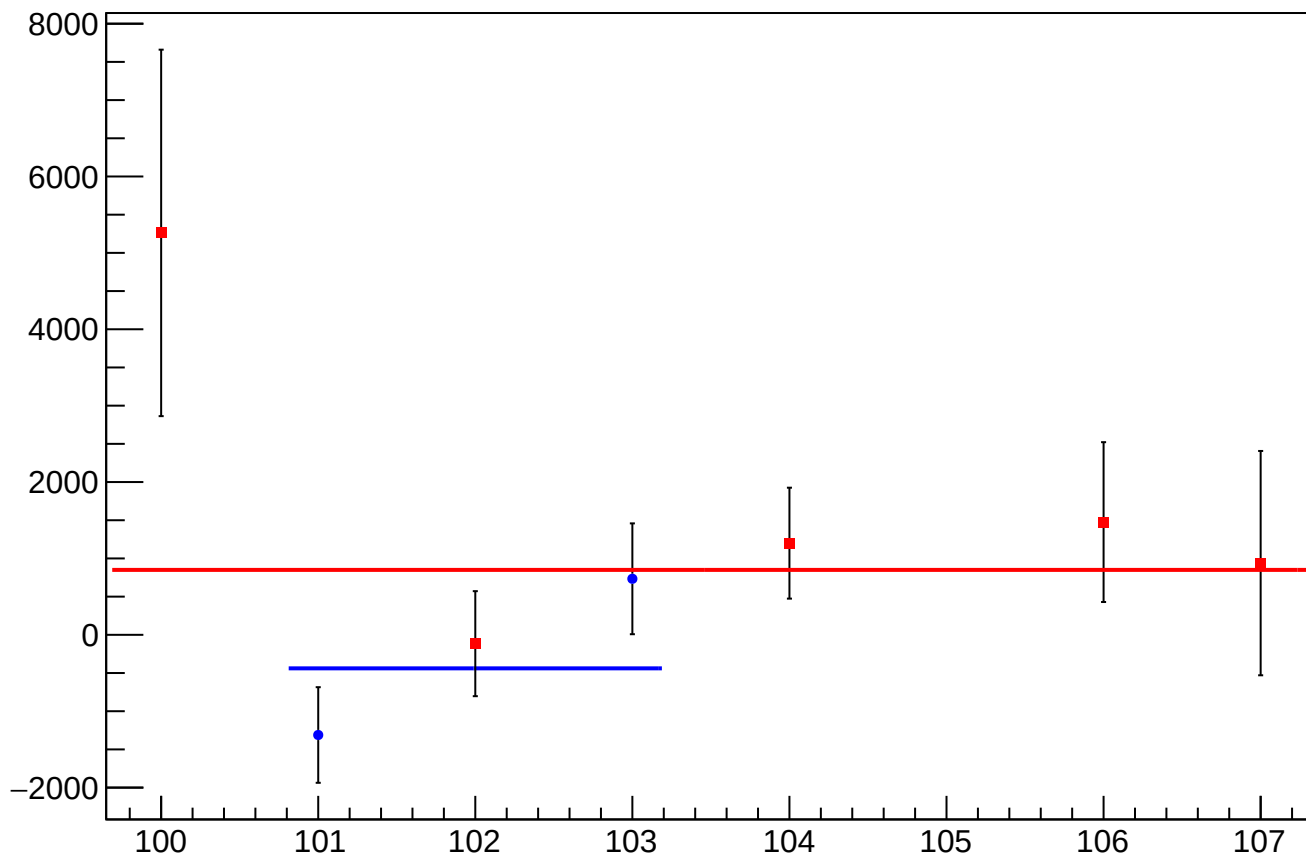
Right: 72.605+/-0.031 χ^2/NDF : 320700.1/6

In: 73.390+/-0.048 χ^2/NDF : 146585.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.605+/-0.031 χ^2/NDF : 320700.1/6

asym_sam_1548_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -438.901+/-473.856 χ^2/NDF : 4.6/1

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

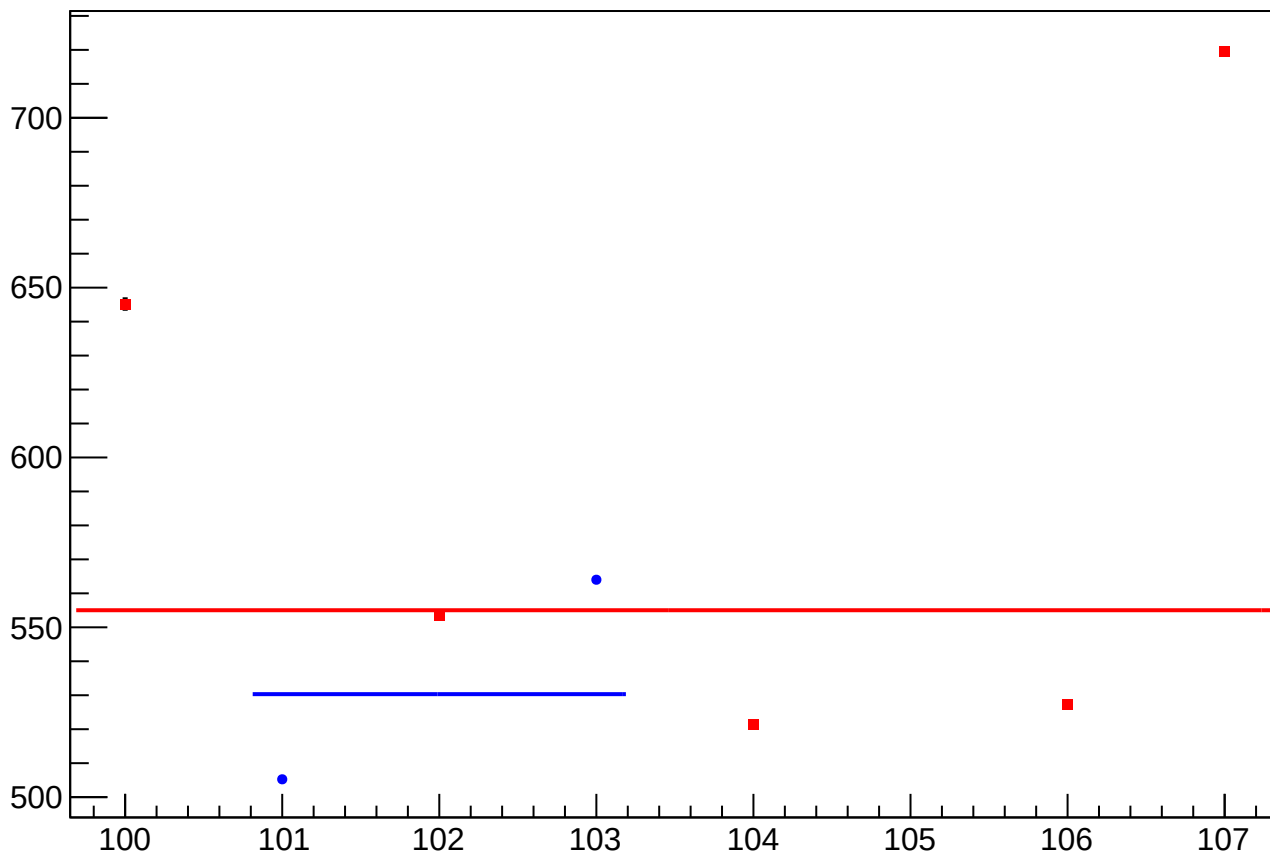
Right: 276.950+/-315.949 χ^2/NDF : 14.6/6

In: -438.901+/-473.856 χ^2/NDF : 4.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 276.950+/-315.949 χ^2/NDF : 14.6/6

asym_sam_1548_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 530.322+/-0.335 χ^2/NDF : 7521.2/1

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

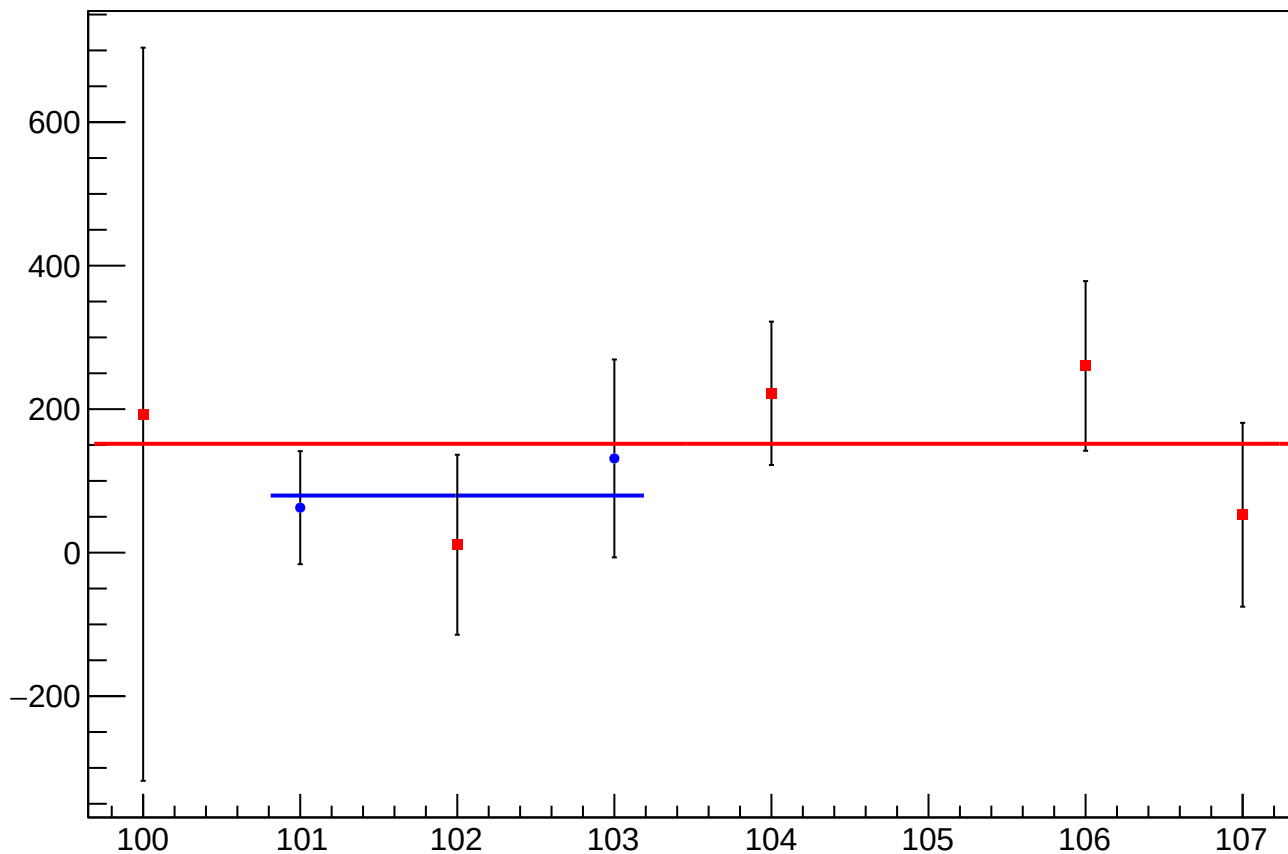
Right: 544.044+/-0.223 χ^2/NDF : 44181.7/6

In: 530.322+/-0.335 χ^2/NDF : 7521.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 544.044+/-0.223 χ^2/NDF : 44181.7/6

eigen_cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 79.591+/-68.399 χ^2/NDF : 0.2/1

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

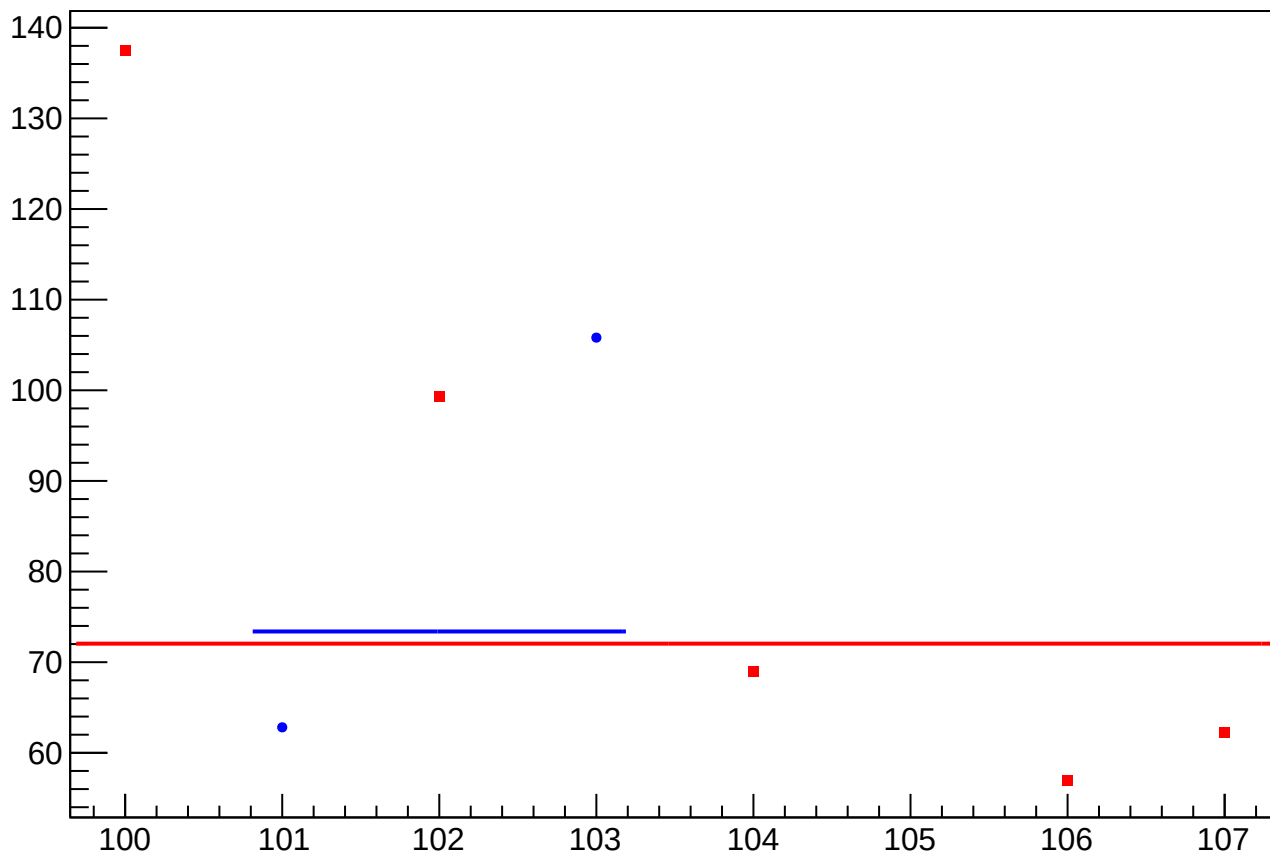
Right: 121.716+/-44.119 χ^2/NDF : 4.0/6

In: 79.591+/-68.399 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.716+/-44.119 χ^2/NDF : 4.0/6

eigen_cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 73.390 $\pm$ 0.048 χ^2 /NDF: 146585.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 72.046 $\pm$ 0.041 χ^2 /NDF: 173664.2/4

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

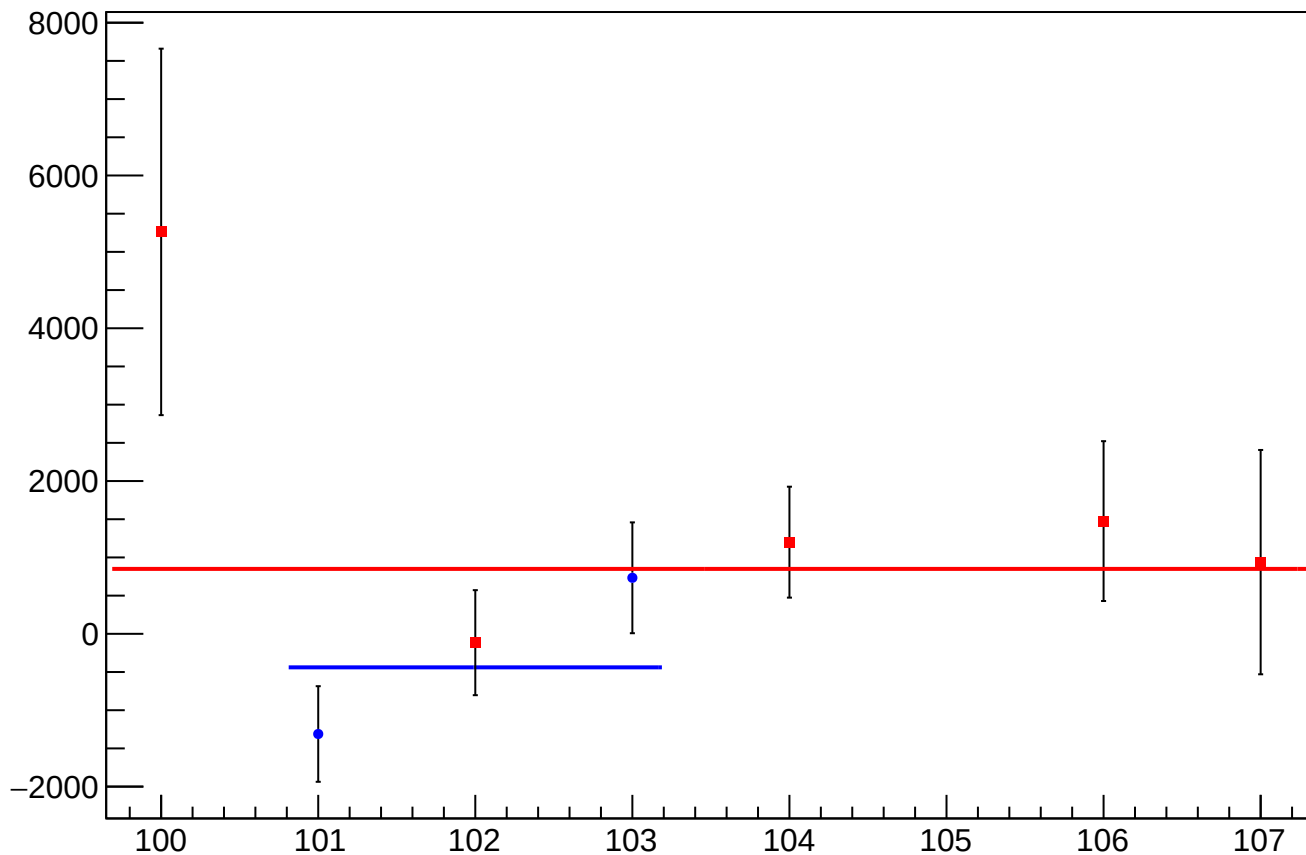
Right: 72.605 $\pm$ 0.031 χ^2 /NDF: 320700.1/6

In: 73.390 $\pm$ 0.048 χ^2 /NDF: 146585.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 72.605 $\pm$ 0.031 χ^2 /NDF: 320700.1/6

asym_sam_1548_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -438.901+/-473.856 χ^2 /NDF: 4.6/1

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

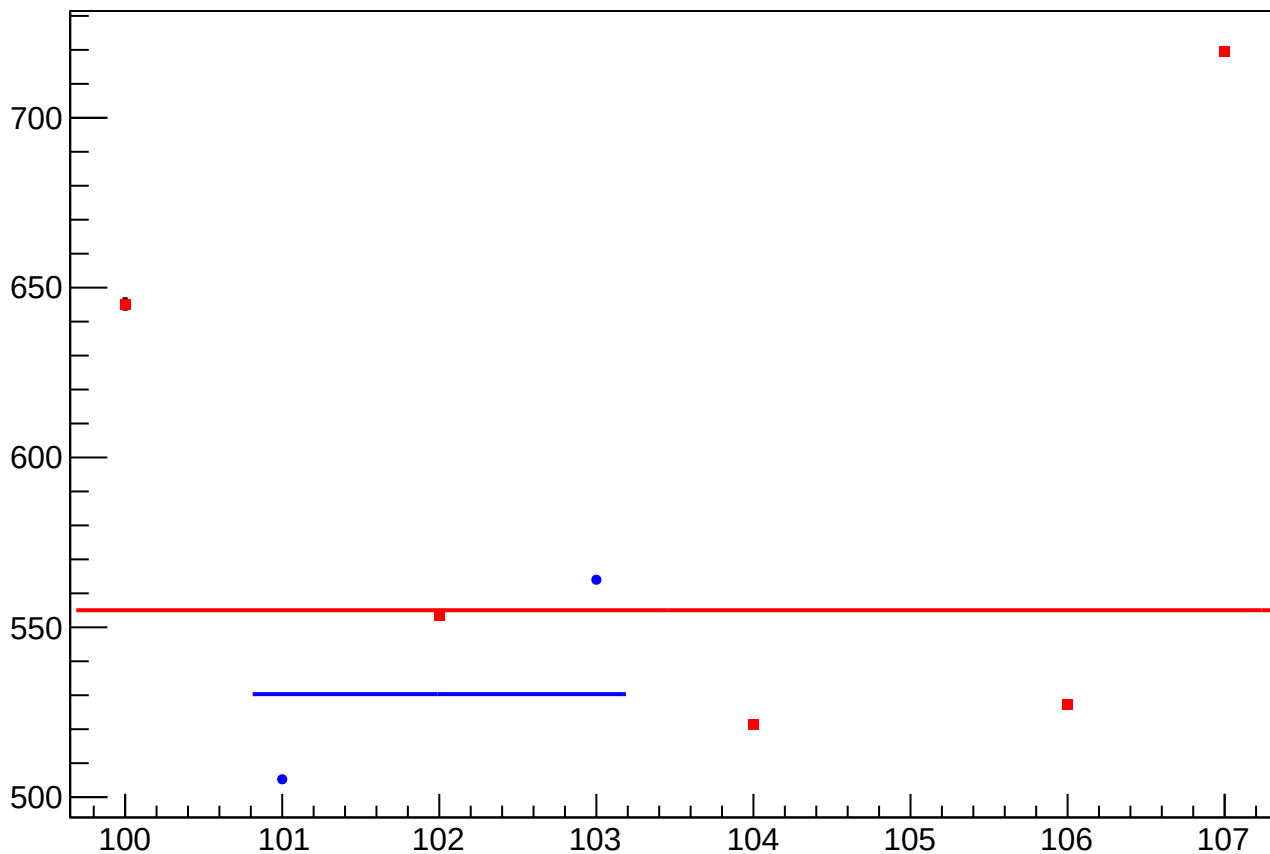
Right: 276.950+/-315.949 χ^2 /NDF: 14.6/6

In: -438.901+/-473.856 χ^2 /NDF:4.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 276.950+/-315.949 χ^2 /NDF: 14.6/6

asym_sam_1548_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 530.322 $\pm$ 0.335 χ^2 /NDF: 7521.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 555.028 $\pm$ 0.300 χ^2 /NDF: 33640.7/4

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

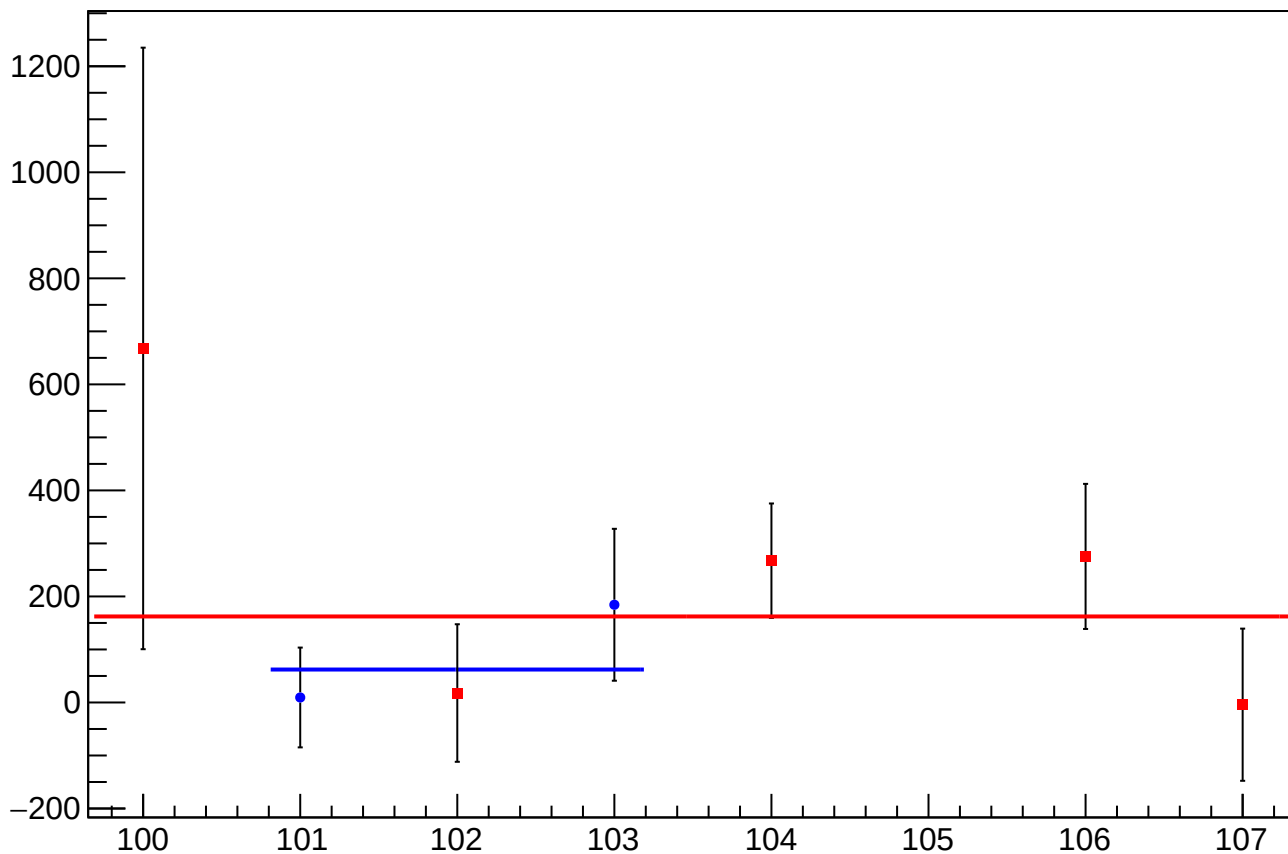
Right: 544.044 $\pm$ 0.223 χ^2 /NDF: 44181.7/6

In: 530.322 $\pm$ 0.335 χ^2 /NDF:7521.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 544.044 $\pm$ 0.223 χ^2 /NDF: 44181.7/6

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 62.140+/-78.660 χ^2/NDF : 1.0/1

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

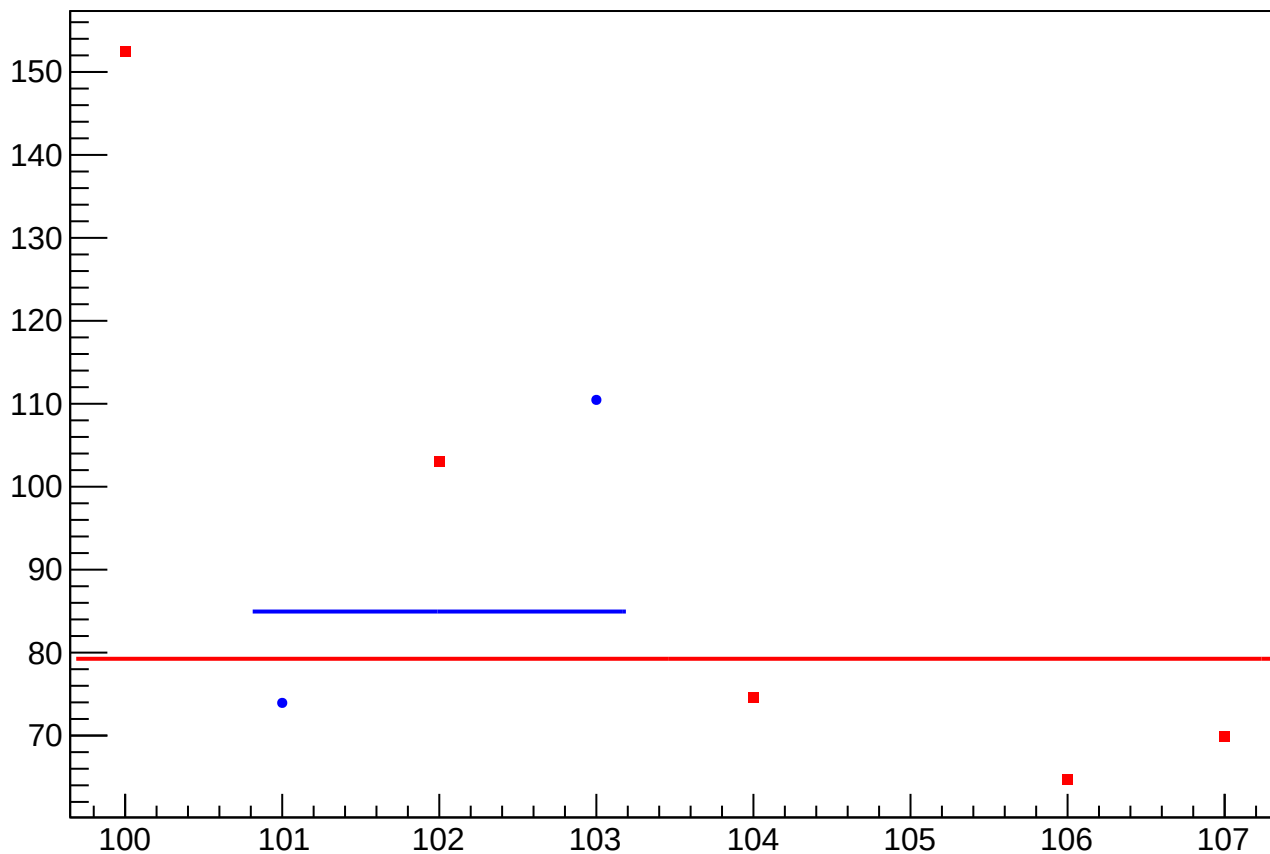
Right: 122.981+/-49.263 χ^2/NDF : 7.0/6

In: 62.140+/-78.660 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.981+/-49.263 χ^2/NDF : 7.0/6

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 84.952 $\pm$ 0.056 χ^2 /NDF: 90832.7/1

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

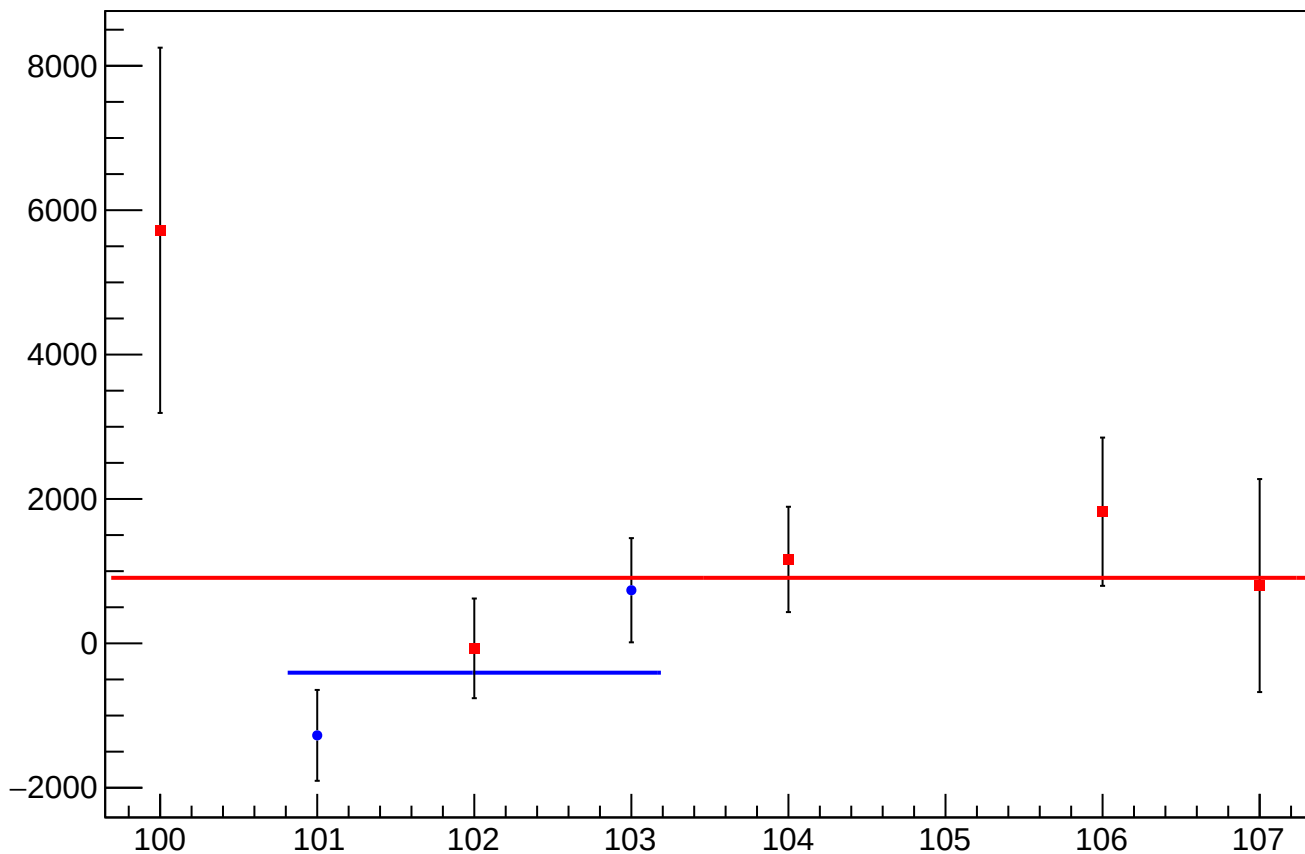
Right: 81.490 $\pm$ 0.035 χ^2 /NDF: 232954.2/6

In: 84.952 $\pm$ 0.056 χ^2 /NDF: 90832.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 81.490 $\pm$ 0.035 χ^2 /NDF: 232954.2/6

asym_sam_1548_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -406.177+/-474.326 χ^2/NDF : 4.4/1

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

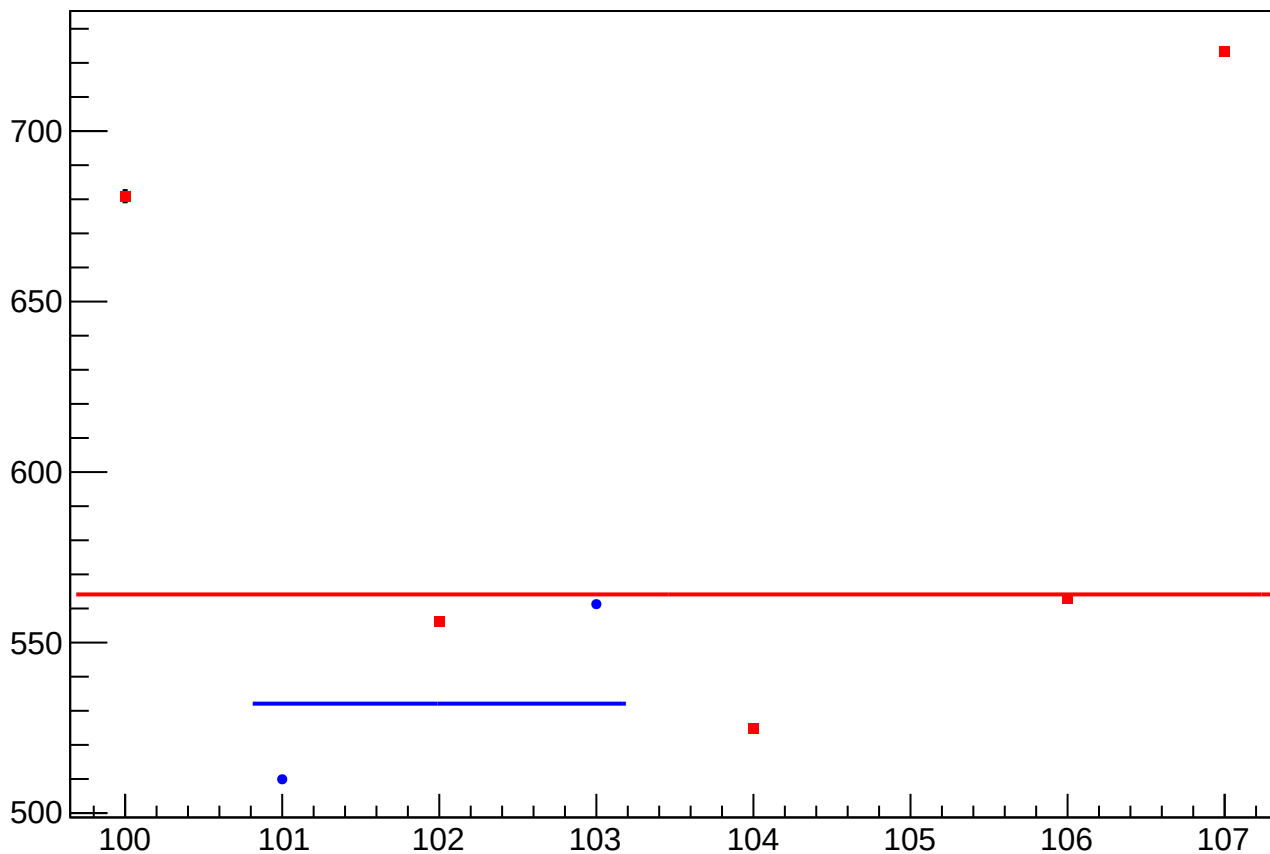
Right: 322.947+/-316.447 χ^2/NDF : 15.2/6

In: -406.177+/-474.326 χ^2/NDF : 4.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 322.947+/-316.447 χ^2/NDF : 15.2/6

asym_sam_1548_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 532.095+/-0.335 χ^2/NDF : 5752.9/1

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

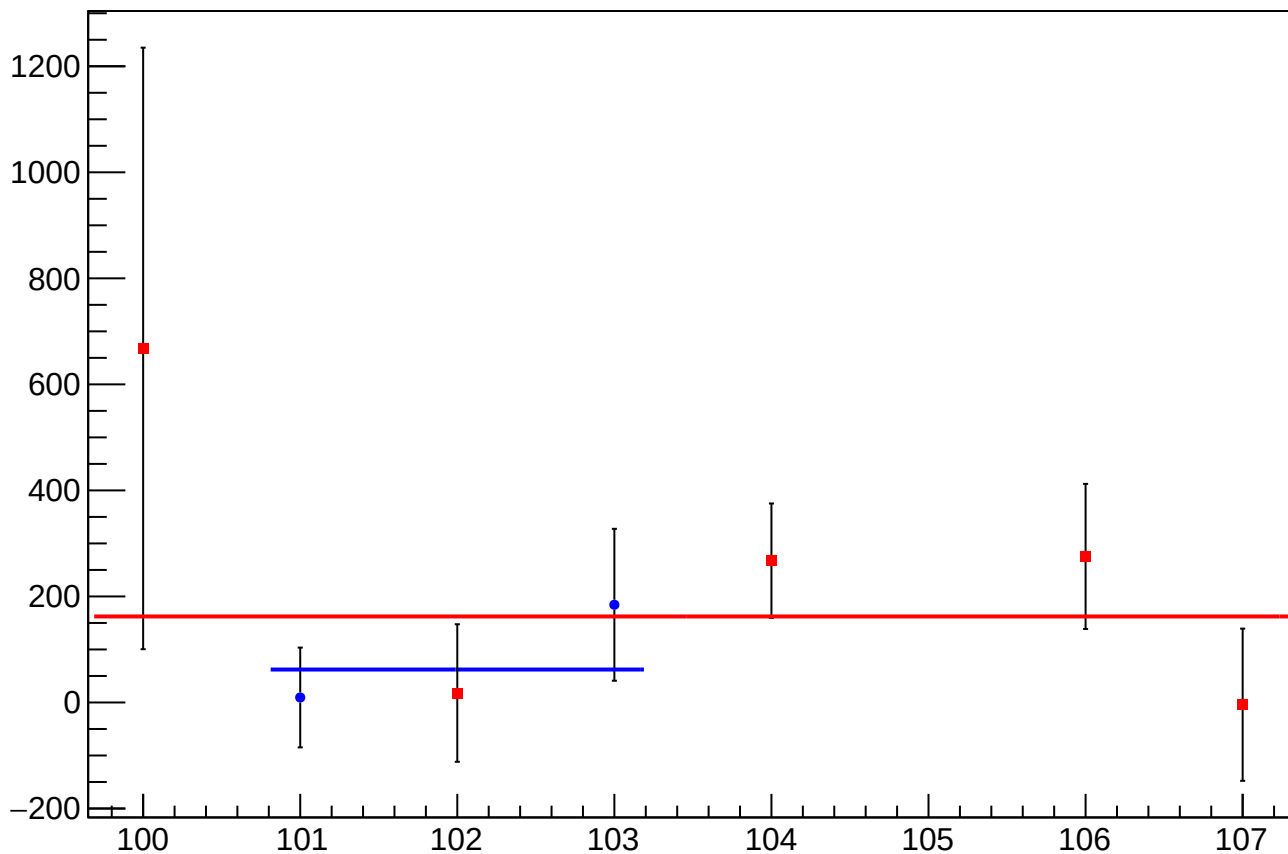
Right: 549.868+/-0.224 χ^2/NDF : 44438.5/6

In: 532.095+/-0.335 χ^2/NDF : 5752.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 549.868+/-0.224 χ^2/NDF : 44438.5/6

eigen_dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 62.142+/-78.660 χ^2/NDF : 1.0/1

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

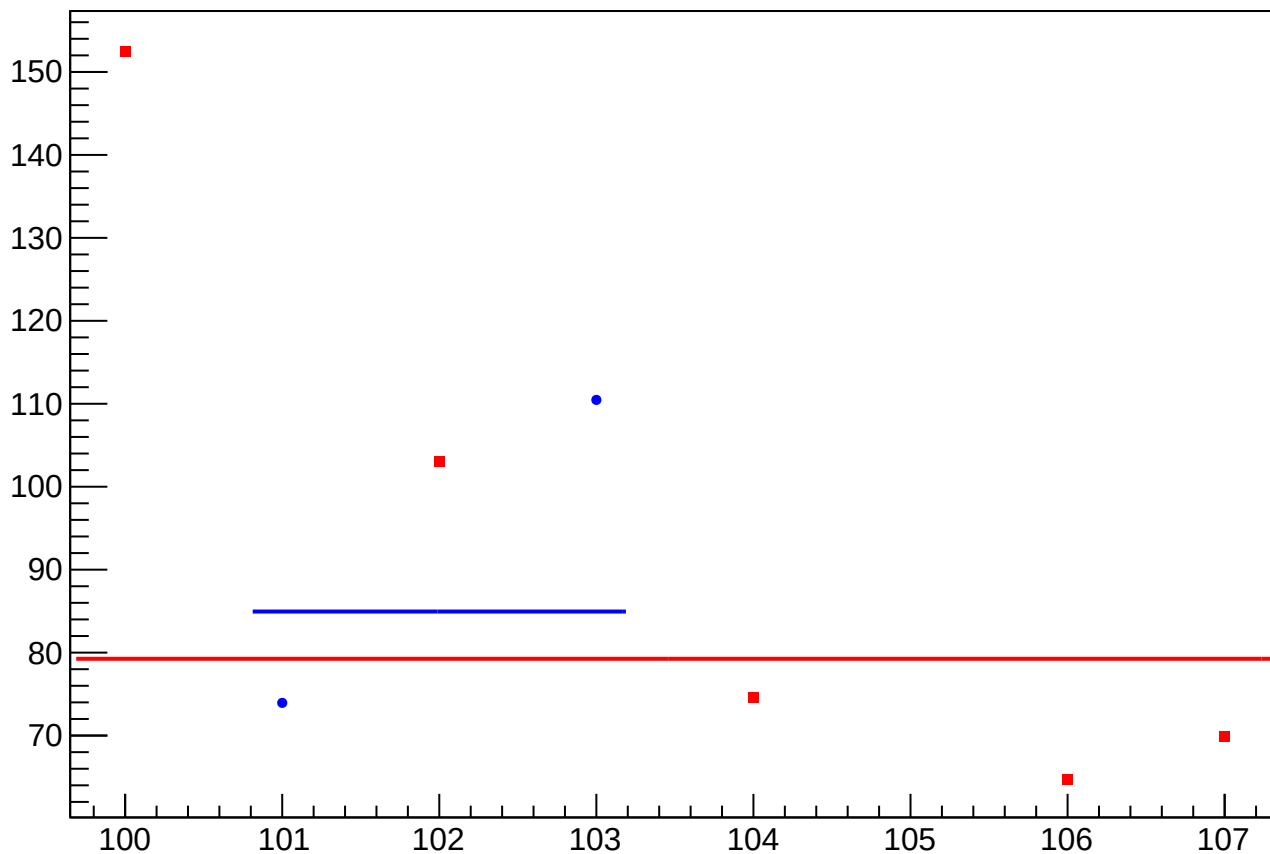
Right: 122.982+/-49.263 χ^2/NDF : 7.0/6

In: 62.142+/-78.660 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.982+/-49.263 χ^2/NDF : 7.0/6

eigen_dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 84.952+/-0.056 χ^2/NDF : 90830.6/1

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

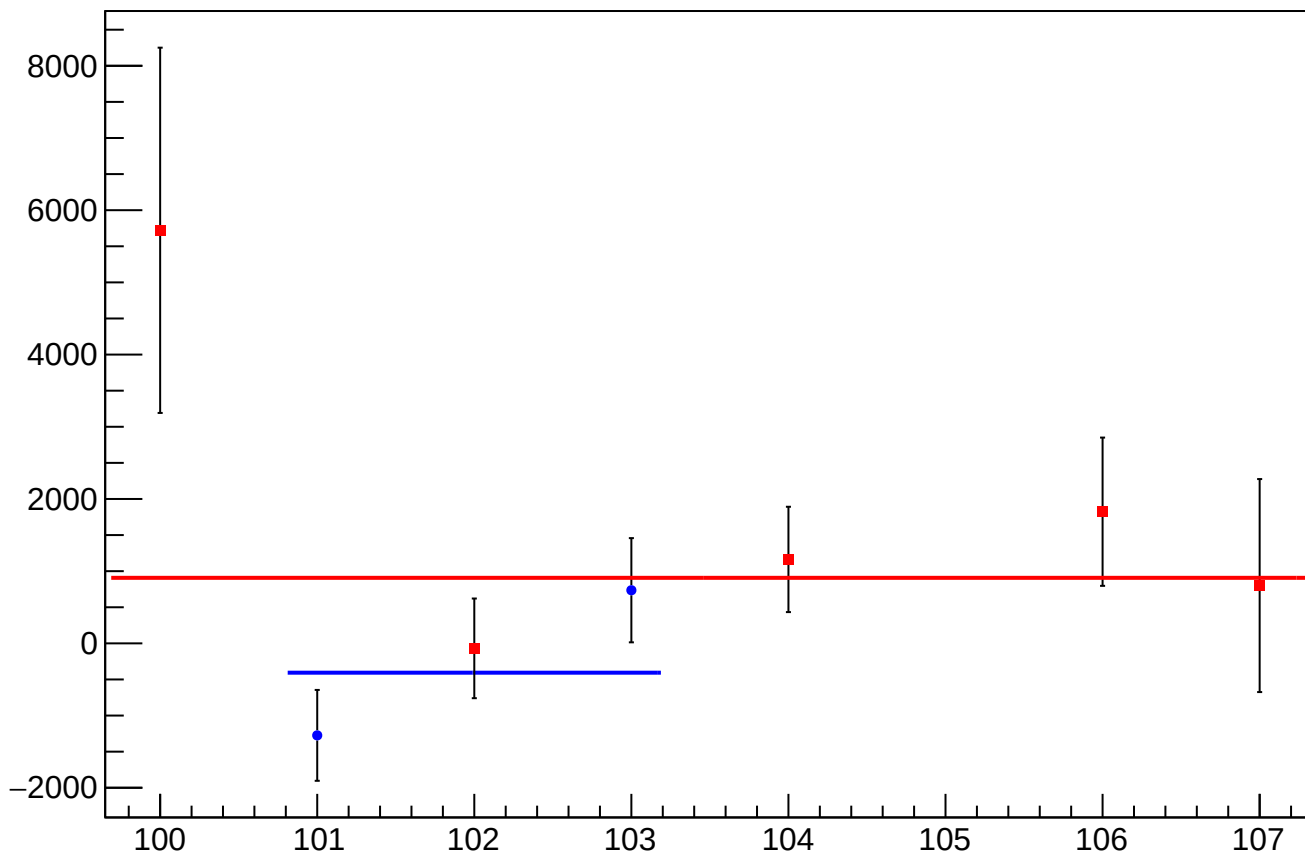
Right: 81.490+/-0.035 χ^2/NDF : 232951.7/6

In: 84.952+/-0.056 χ^2/NDF : 90830.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.490+/-0.035 χ^2/NDF : 232951.7/6

asym_sam_1548_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -406.177+/-474.325 χ^2/NDF : 4.4/1

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

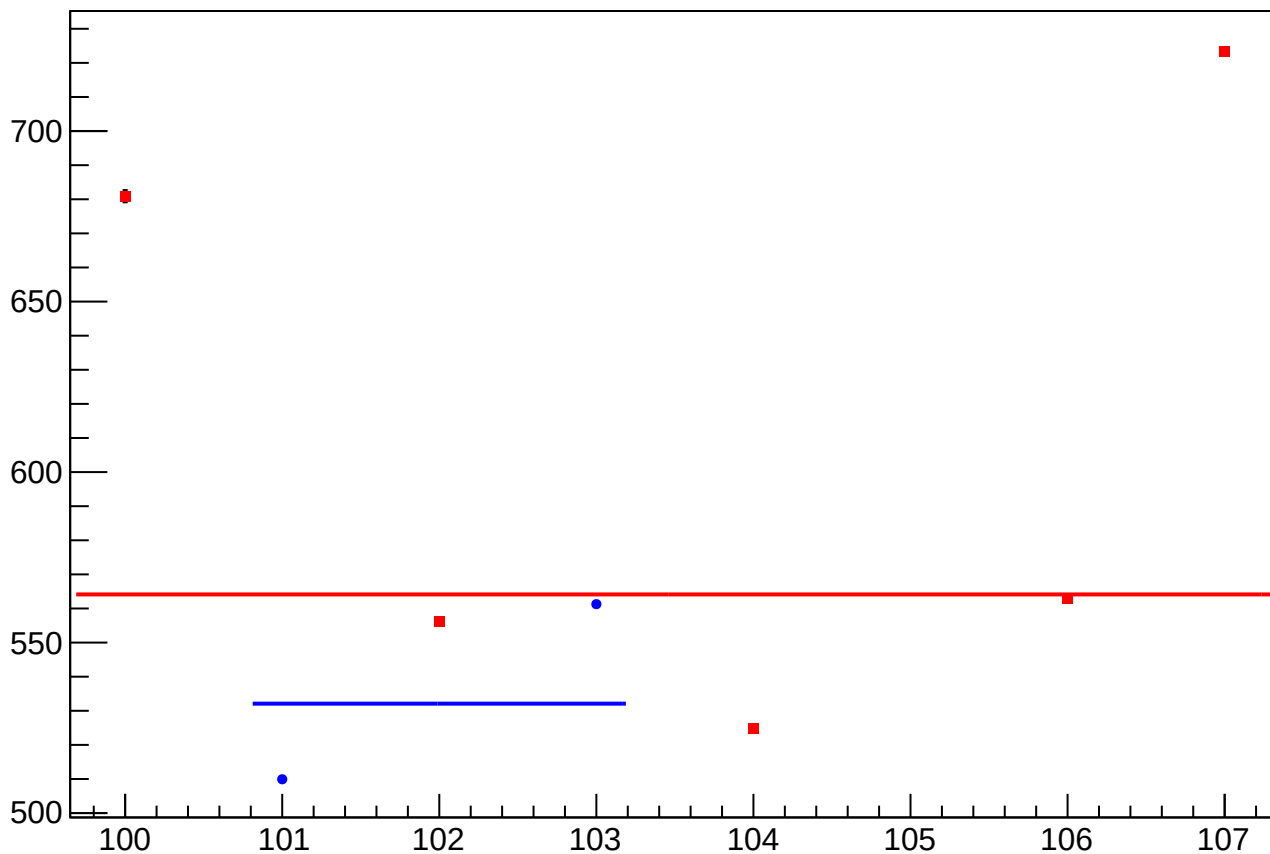
Right: 322.947+/-316.447 χ^2/NDF : 15.2/6

In: -406.177+/-474.325 χ^2/NDF : 4.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 322.947+/-316.447 χ^2/NDF : 15.2/6

asym_sam_1548_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 532.095 $\pm$ 0.335 χ^2 /NDF: 5753.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 564.124 $\pm$ 0.300 χ^2 /NDF: 33624.9/4

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

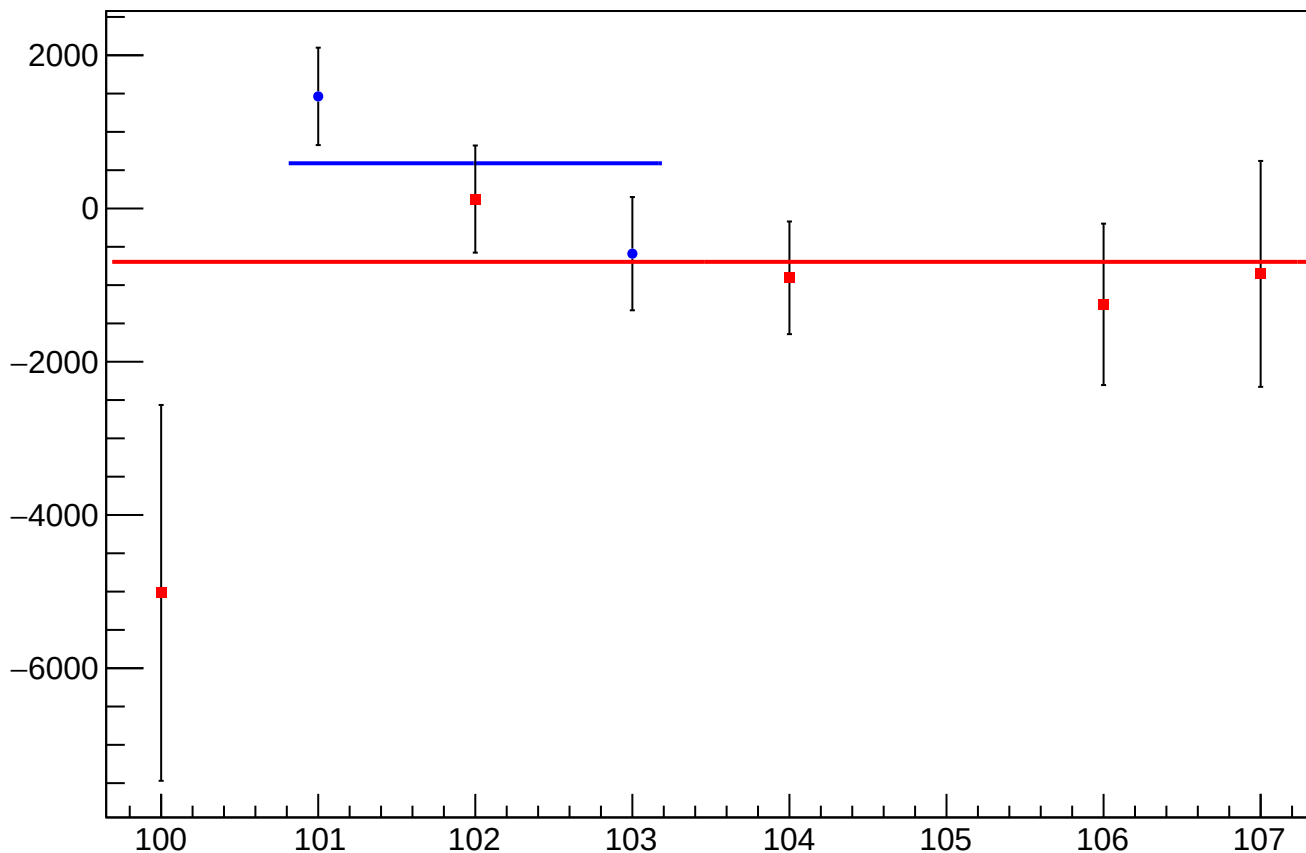
Right: 549.868 $\pm$ 0.224 χ^2 /NDF: 44438.6/6

In: 532.095 $\pm$ 0.335 χ^2 /NDF: 5753.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 549.868 $\pm$ 0.224 χ^2 /NDF: 44438.6/6

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 590.288+/-481.970 χ^2 /NDF: 4.4/1

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

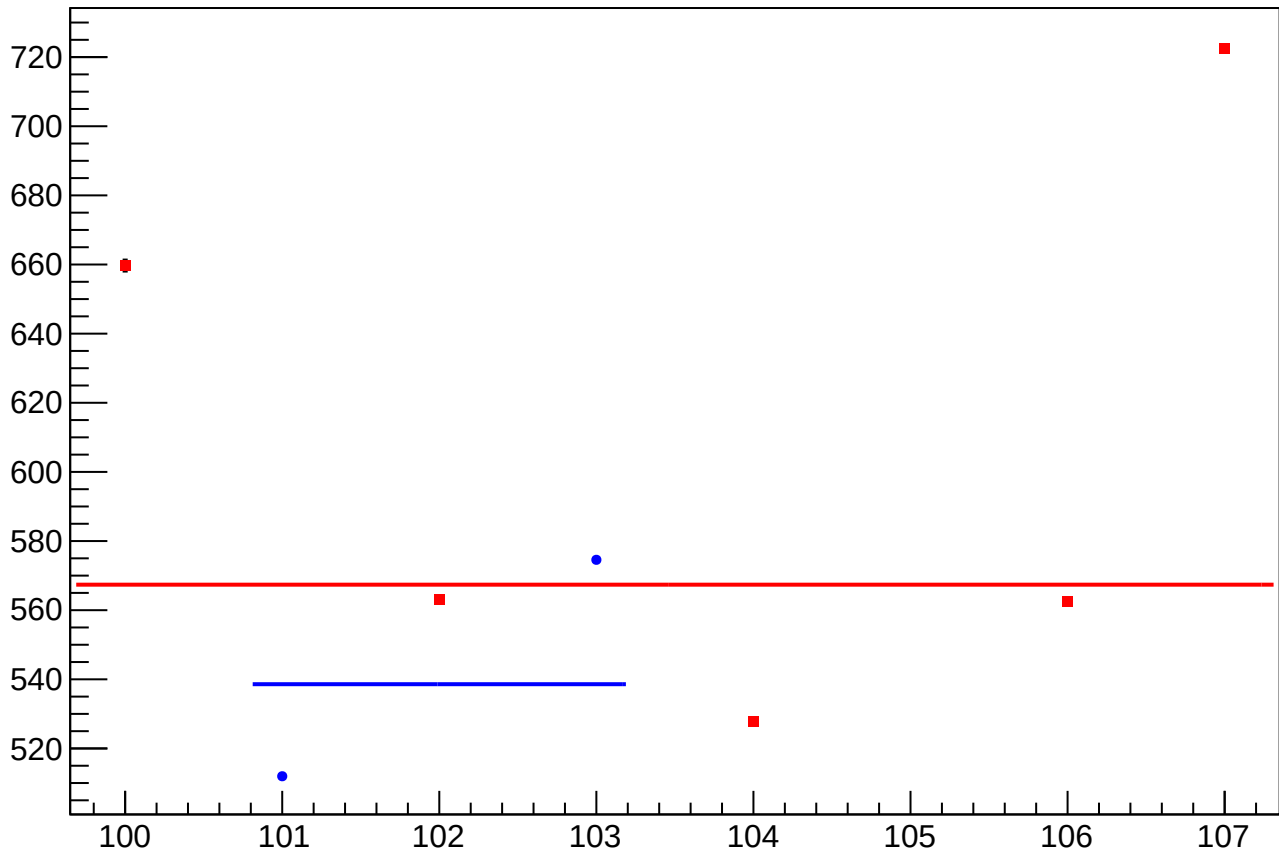
Right: -127.035+/-320.605 χ^2 /NDF: 13.3/6

In: 590.288+/-481.970 χ^2 /NDF:4.4/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -127.035+/-320.605 χ^2 /NDF: 13.3/6

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 538.588+/-0.341 χ^2/NDF : 8250.0/1

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

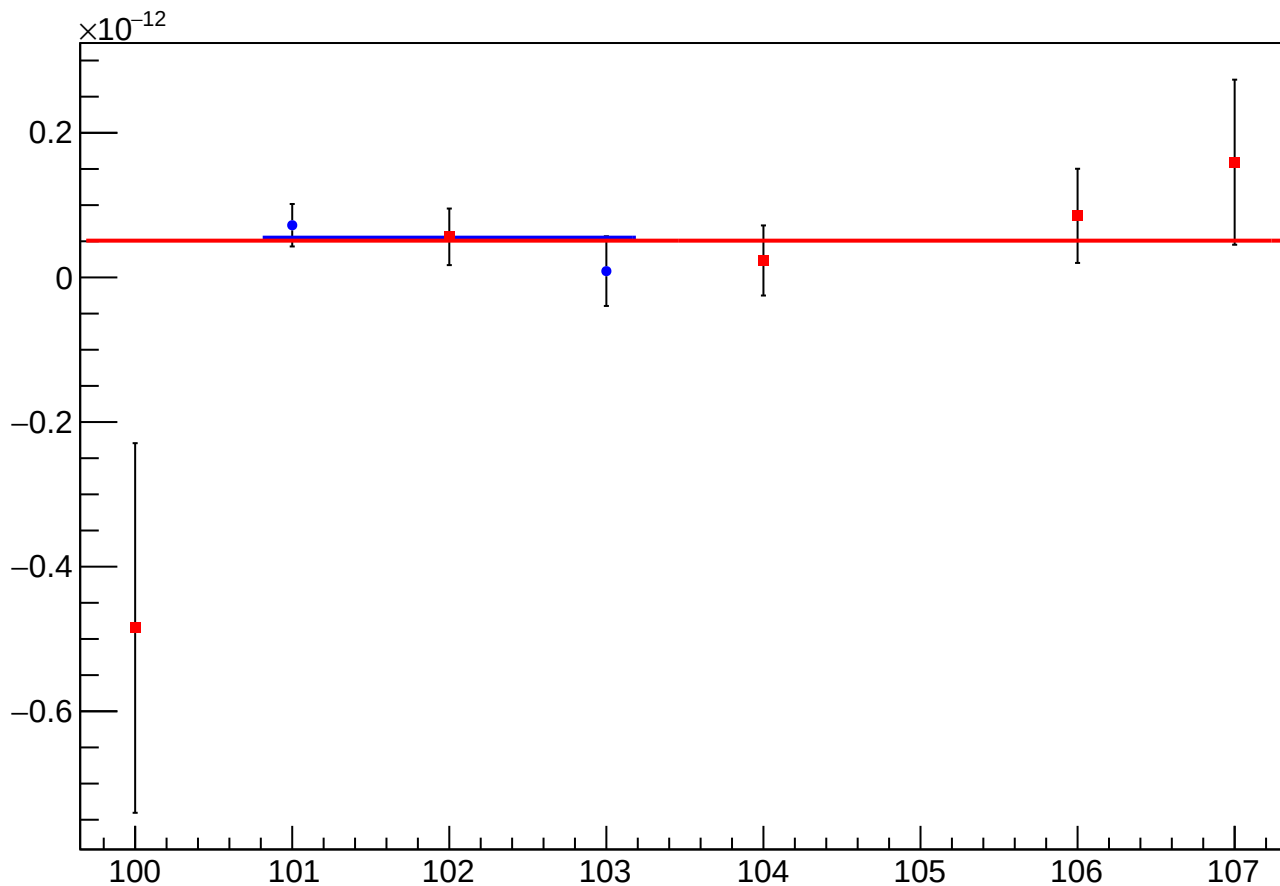
Right: 554.640+/-0.227 χ^2/NDF : 43155.0/6

In: 538.588+/-0.341 χ^2/NDF : 8250.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 554.640+/-0.227 χ^2/NDF : 43155.0/6

asym_sam_1548_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 1.3/1

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

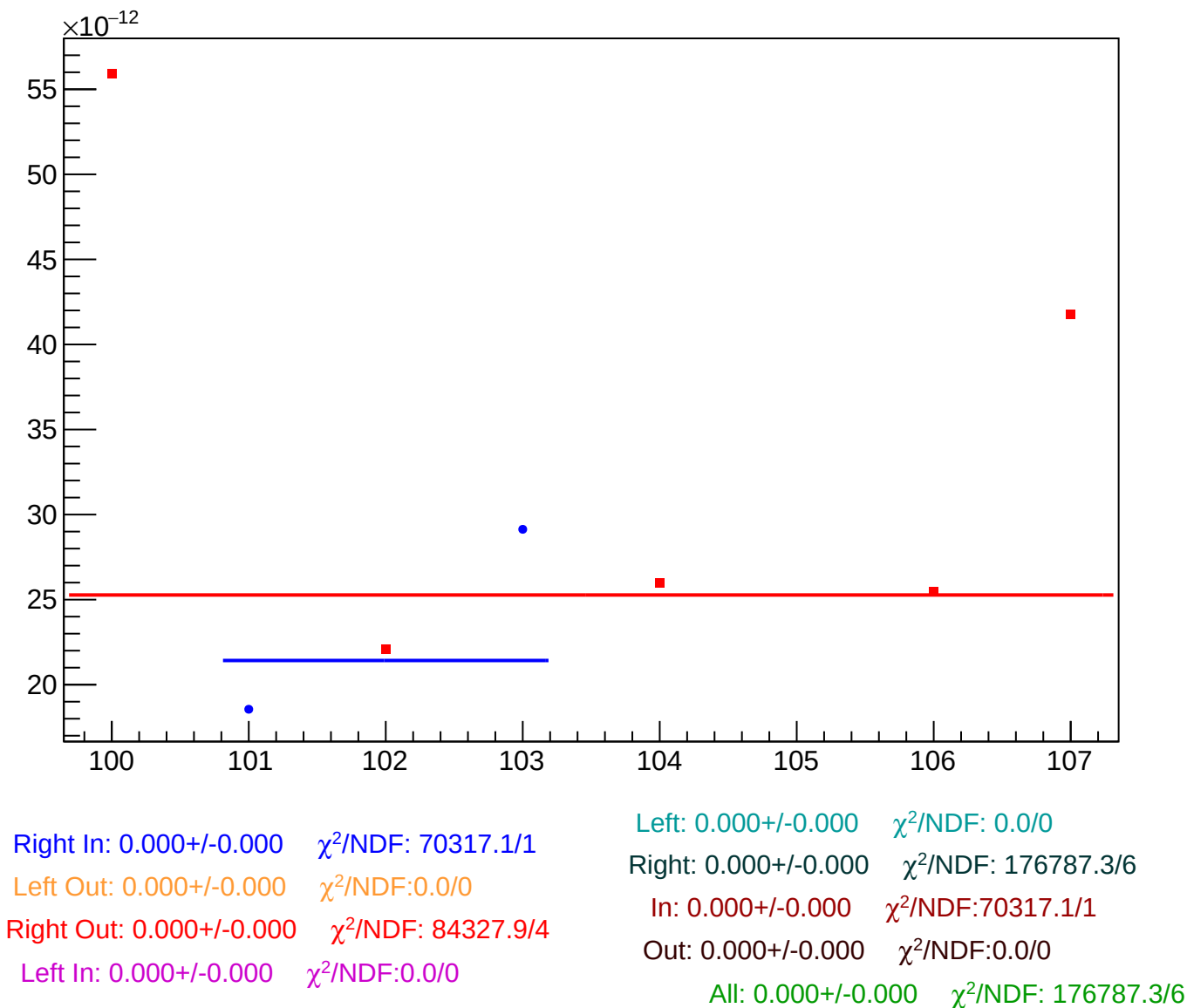
Right: 0.000+/-0.000 χ^2 /NDF: 7.2/6

In: 0.000+/-0.000 χ^2 /NDF: 1.3/1

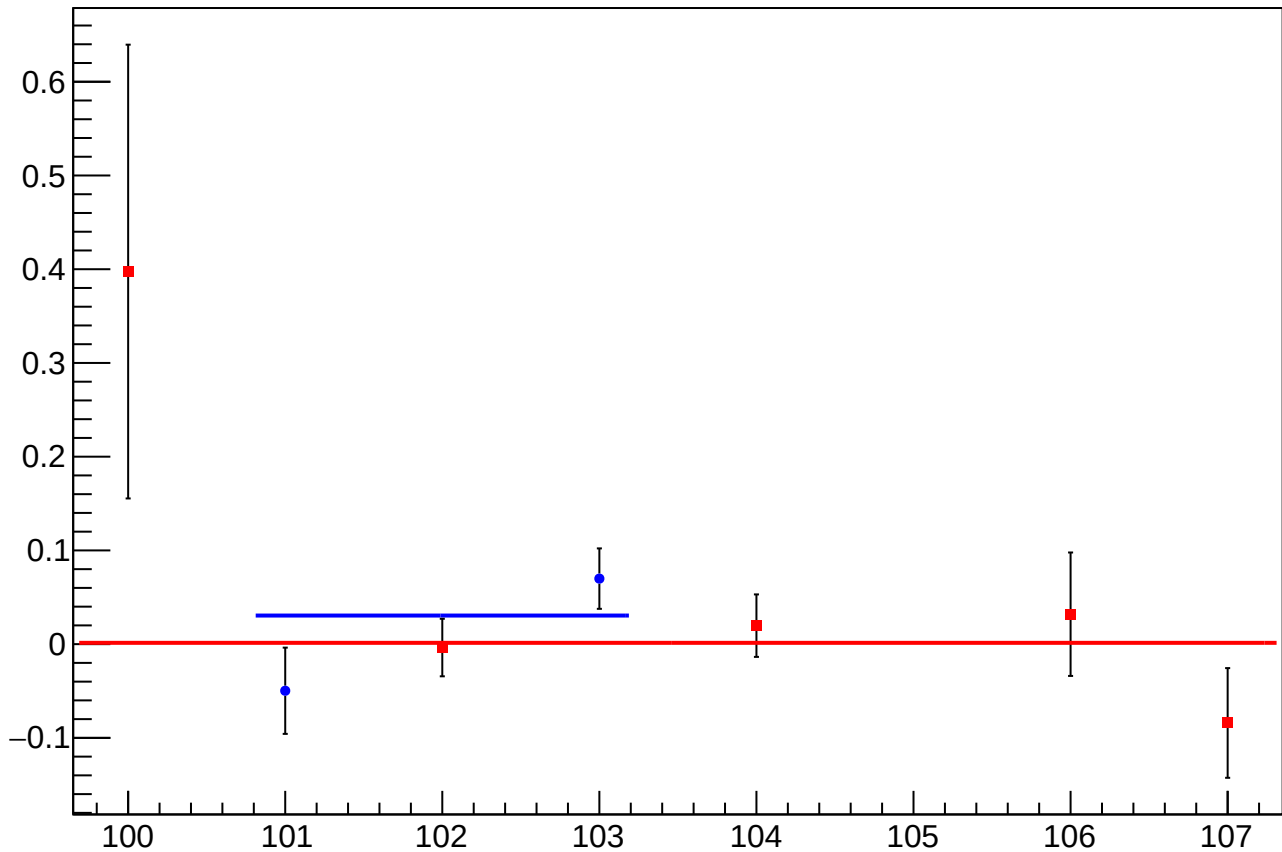
Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 7.2/6

asym_sam_1548_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



asym_sam_1548_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.031+/-0.026 χ^2/NDF : 4.5/1

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

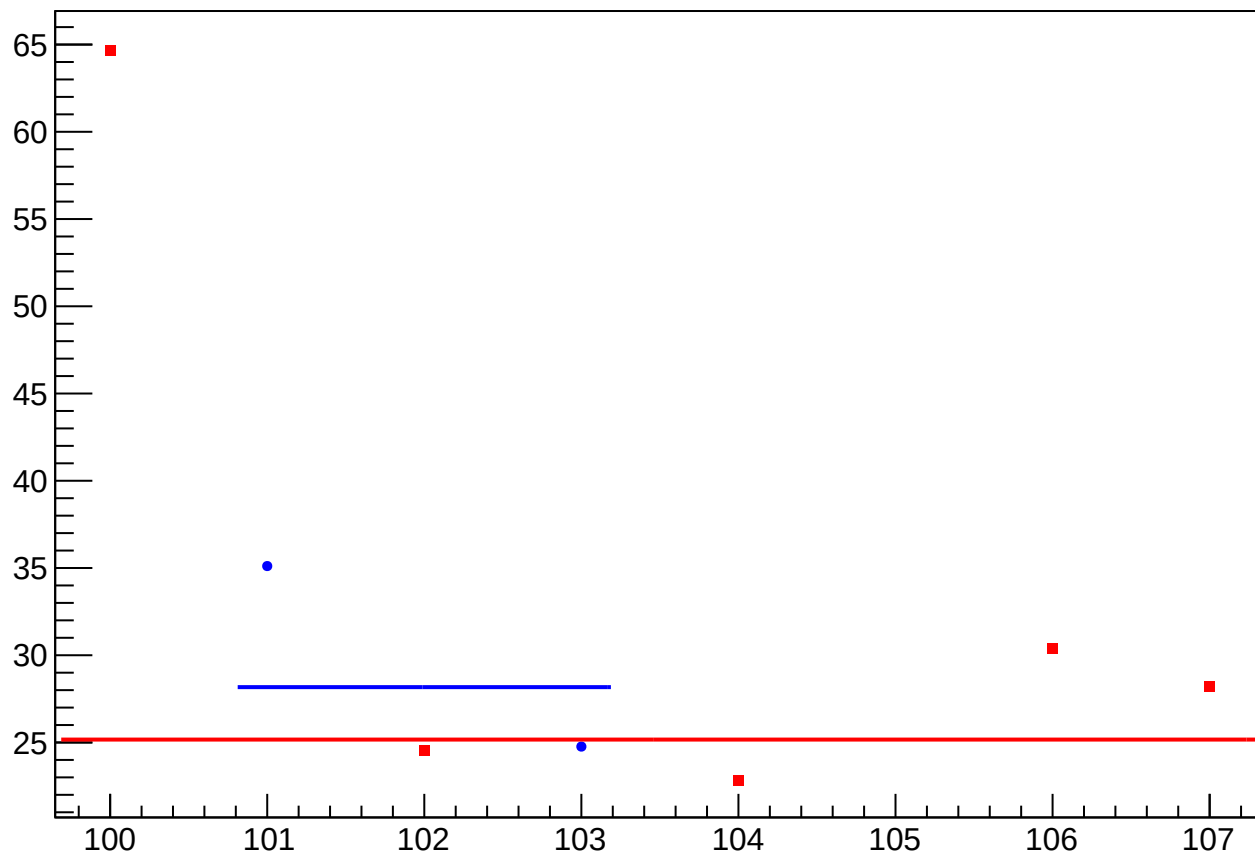
Right: 0.012+/-0.016 χ^2/NDF : 10.7/6

In: 0.031+/-0.026 χ^2/NDF : 4.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.016 χ^2/NDF : 10.7/6

asym_sam_1548_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.172+/-0.019 χ^2/NDF : 67841.7/1

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

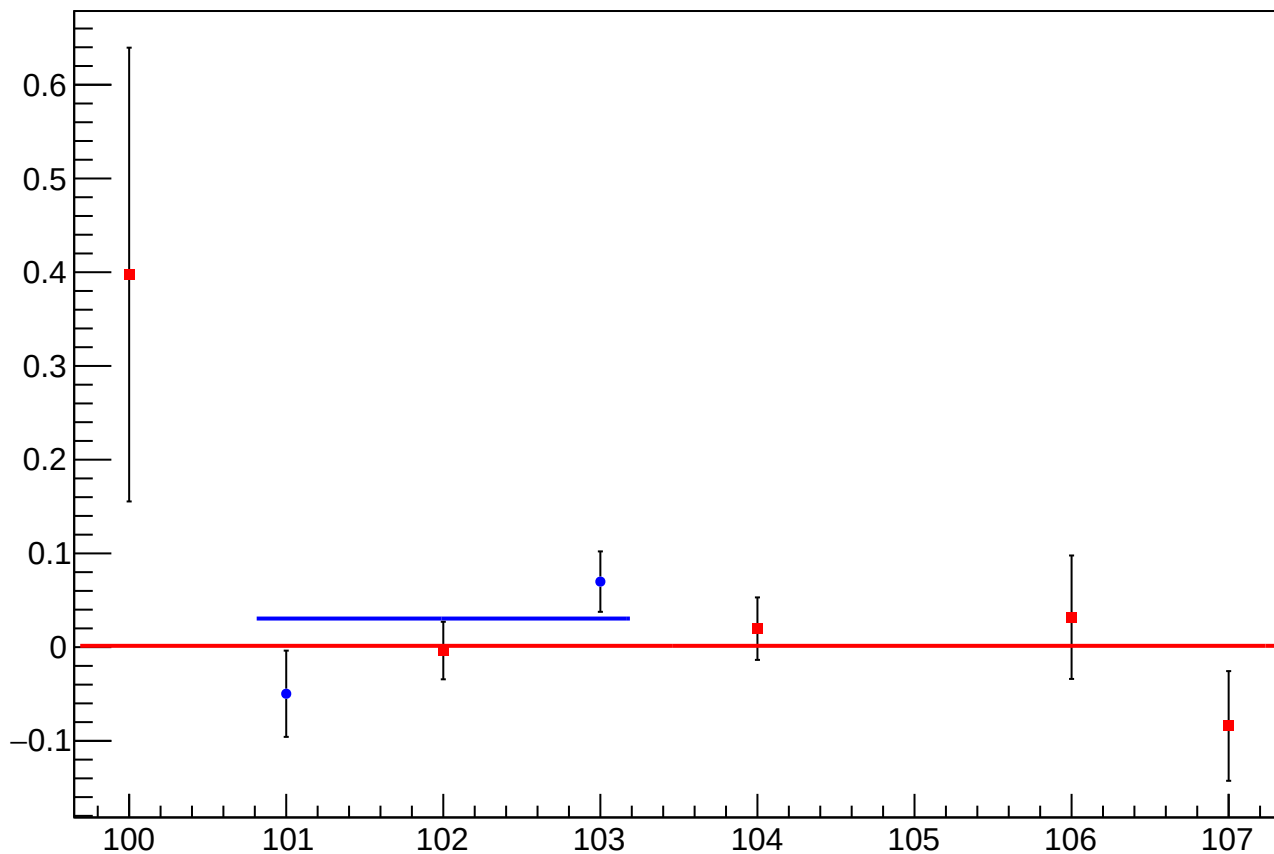
Right: 26.262+/-0.011 χ^2/NDF : 166169.8/6

In: 28.172+/-0.019 χ^2/NDF : 67841.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.262+/-0.011 χ^2/NDF : 166169.8/6

asym_sam_1548_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.031+/-0.026 χ^2/NDF : 4.5/1

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

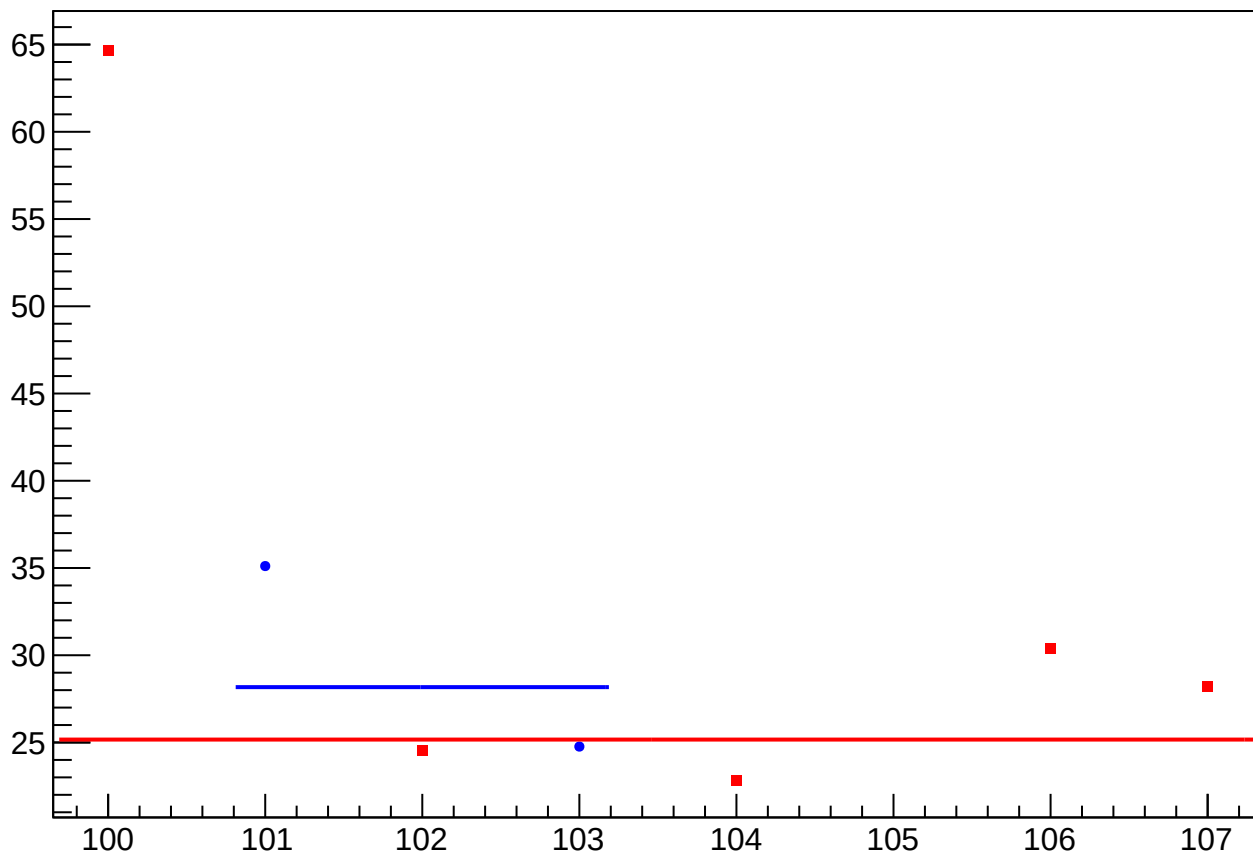
Right: 0.012+/-0.016 χ^2/NDF : 10.7/6

In: 0.031+/-0.026 χ^2/NDF : 4.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.016 χ^2/NDF : 10.7/6

asym_sam_1548_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.172 $\pm$ 0.019 χ^2 /NDF: 67841.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 25.167 $\pm$ 0.014 χ^2 /NDF: 81857.6/4

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

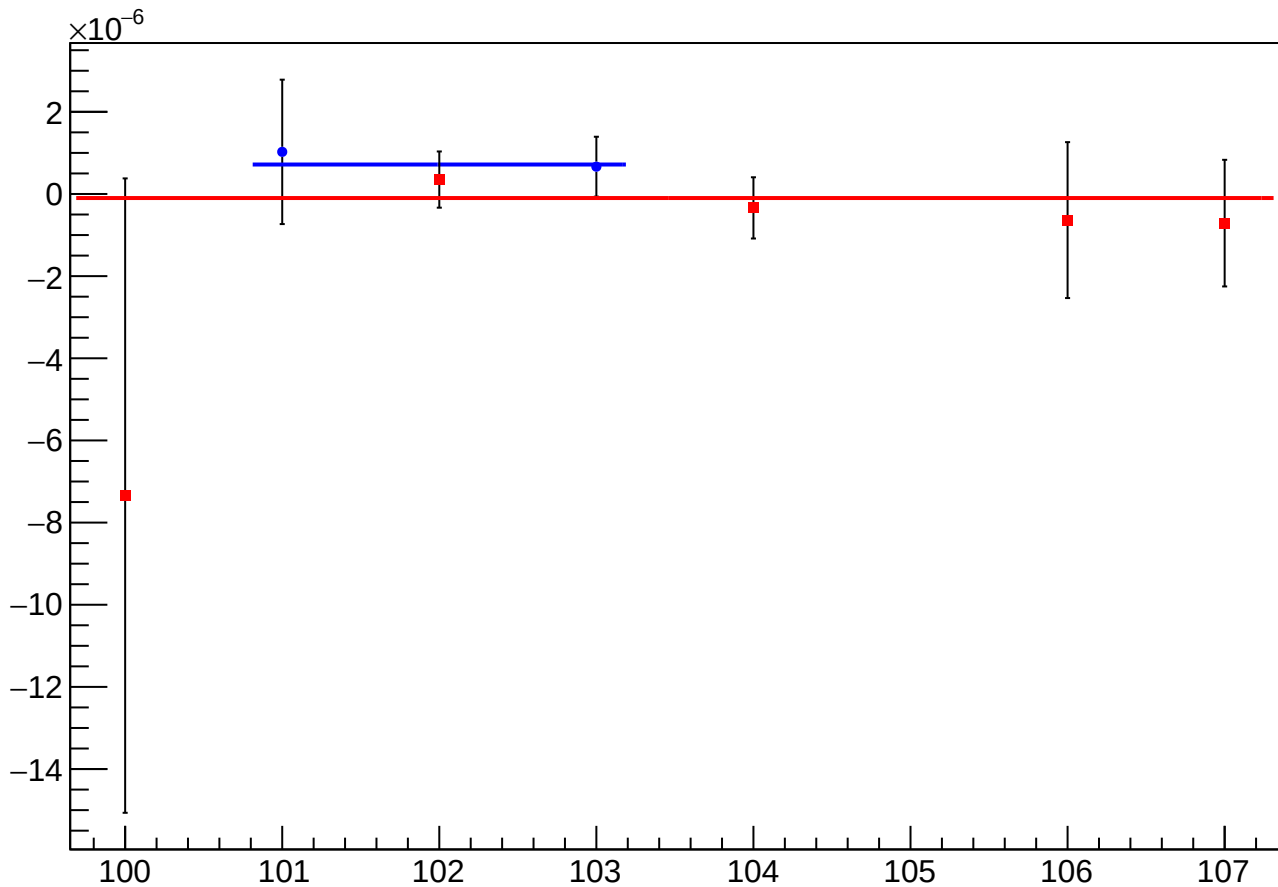
Right: 26.262 $\pm$ 0.011 χ^2 /NDF: 166169.8/6

In: 28.172 $\pm$ 0.019 χ^2 /NDF: 67841.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 26.262 $\pm$ 0.011 χ^2 /NDF: 166169.8/6

asym_sam_1548_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/1

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

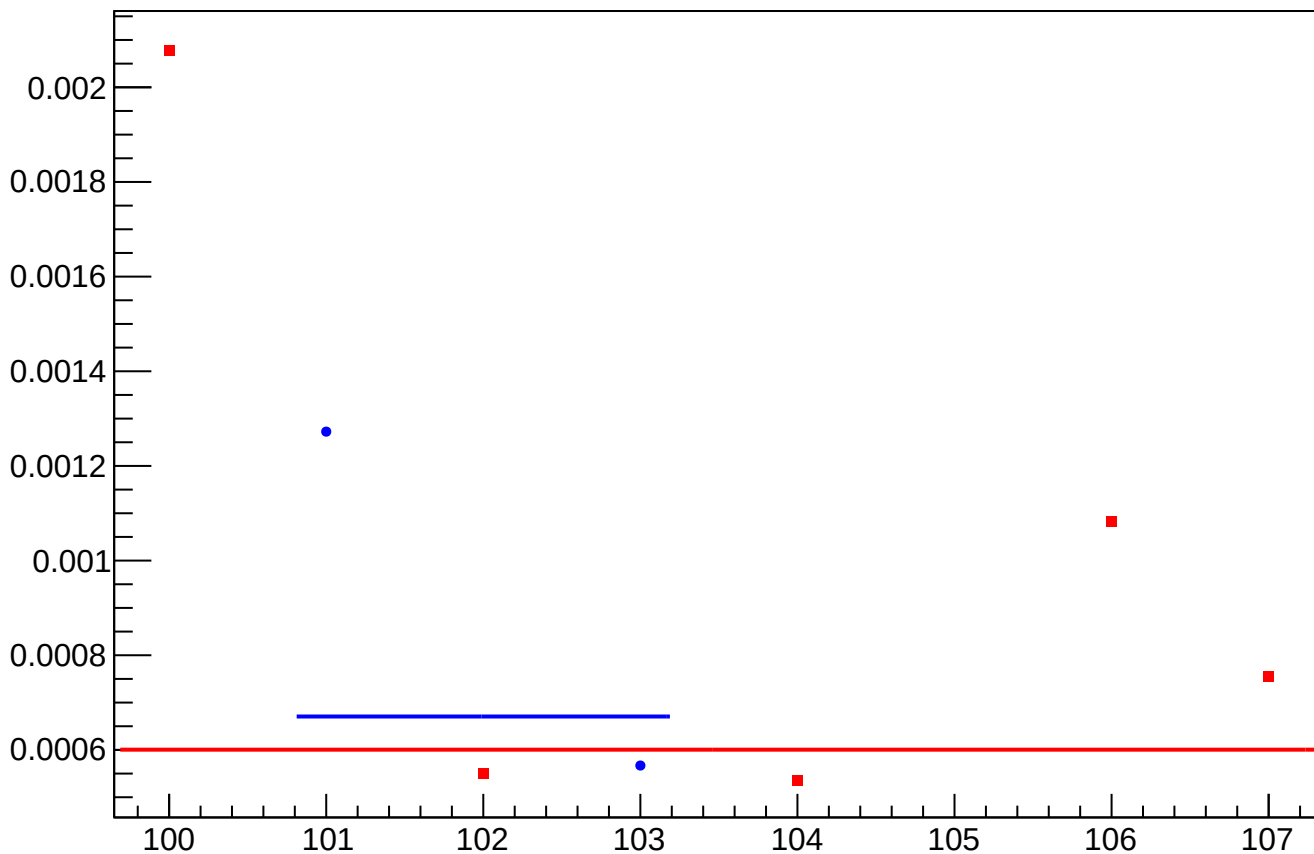
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.7/6

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.7/6

asym_sam_1548_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 274881.2/1

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

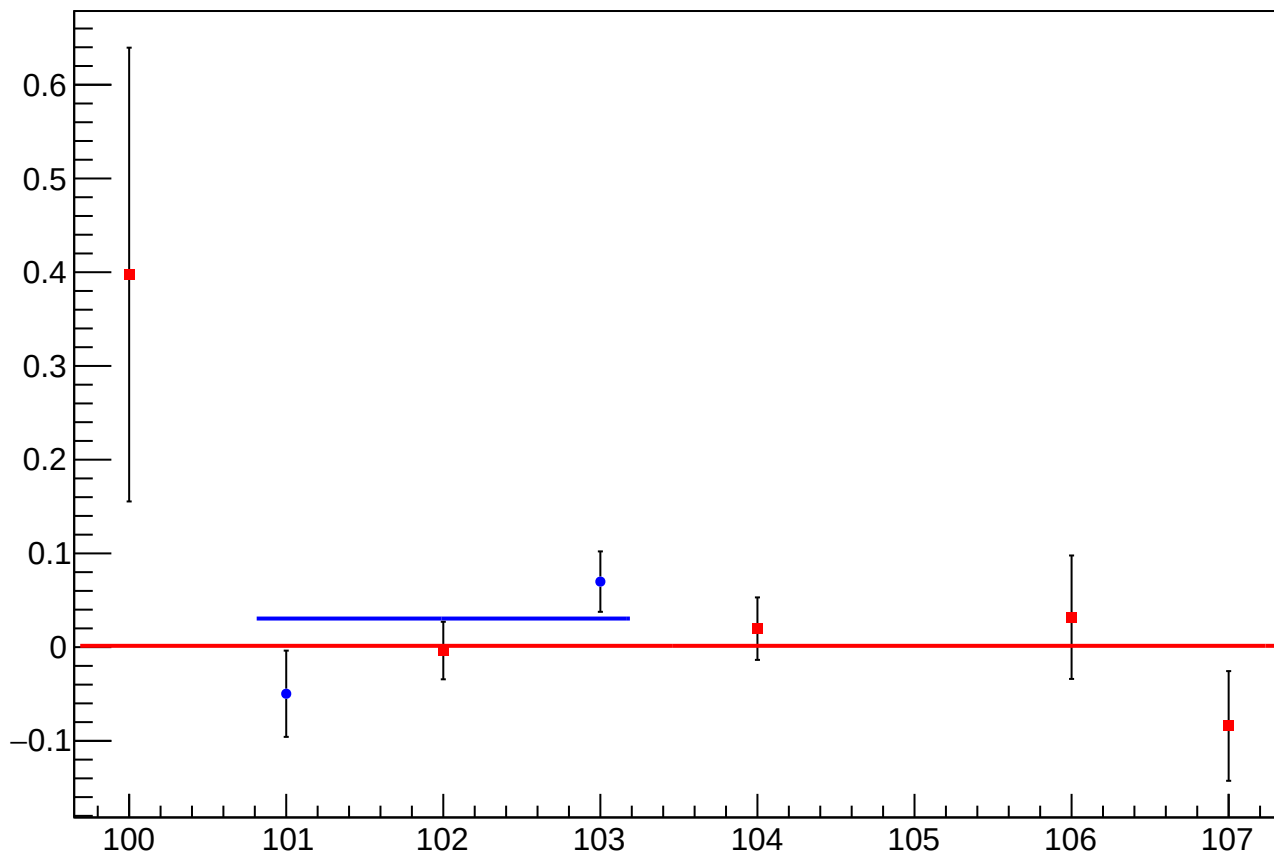
Right: 0.001+/-0.000 χ^2/NDF : 538073.5/6

In: 0.001+/-0.000 χ^2/NDF : 274881.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 538073.5/6

asym_sam_1548_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.031+/-0.026 χ^2/NDF : 4.5/1

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

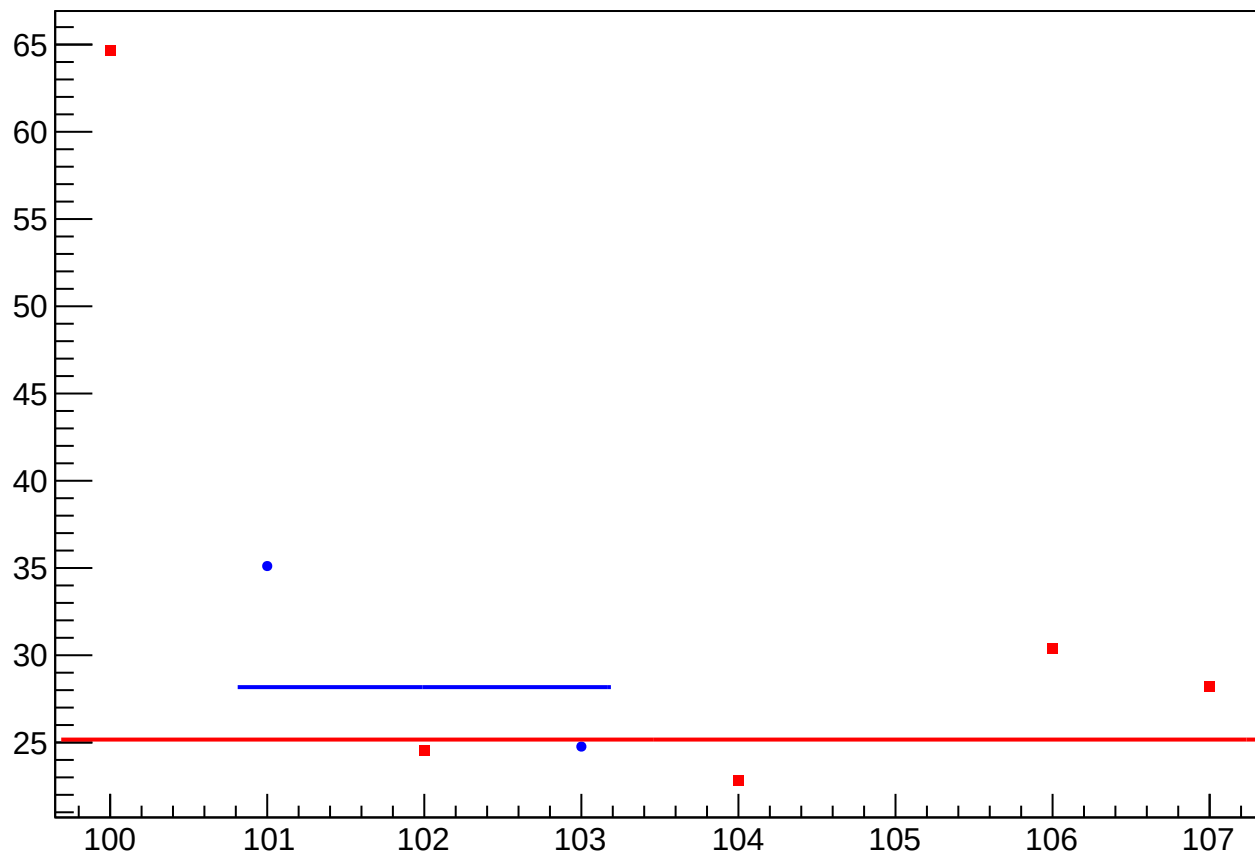
Right: 0.012+/-0.016 χ^2/NDF : 10.7/6

In: 0.031+/-0.026 χ^2/NDF : 4.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.016 χ^2/NDF : 10.7/6

asym_sam_1548_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.173+/-0.019 χ^2/NDF : 67848.8/1

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

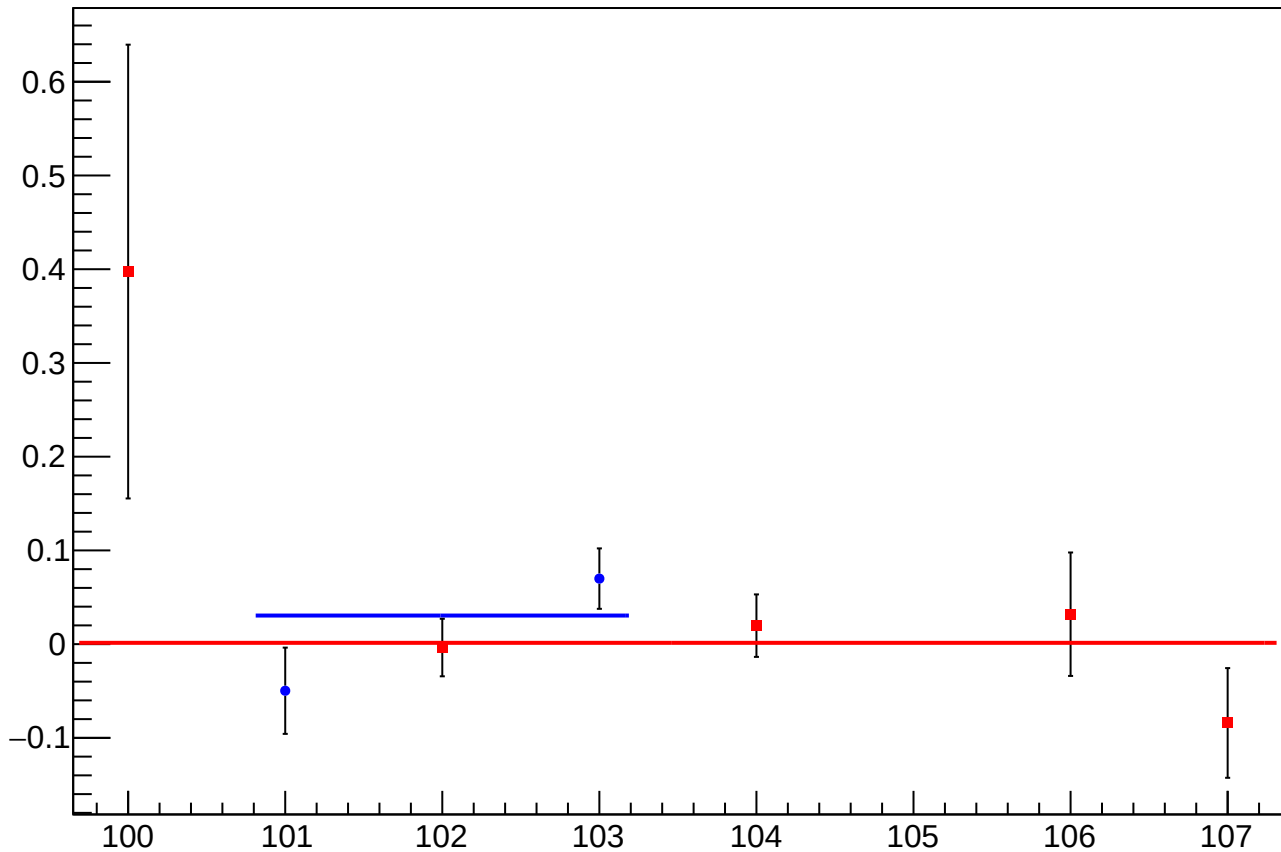
Right: 26.262+/-0.011 χ^2/NDF : 166179.1/6

In: 28.173+/-0.019 χ^2/NDF : 67848.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.262+/-0.011 χ^2/NDF : 166179.1/6

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.031+/-0.026 χ^2/NDF : 4.5/1

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

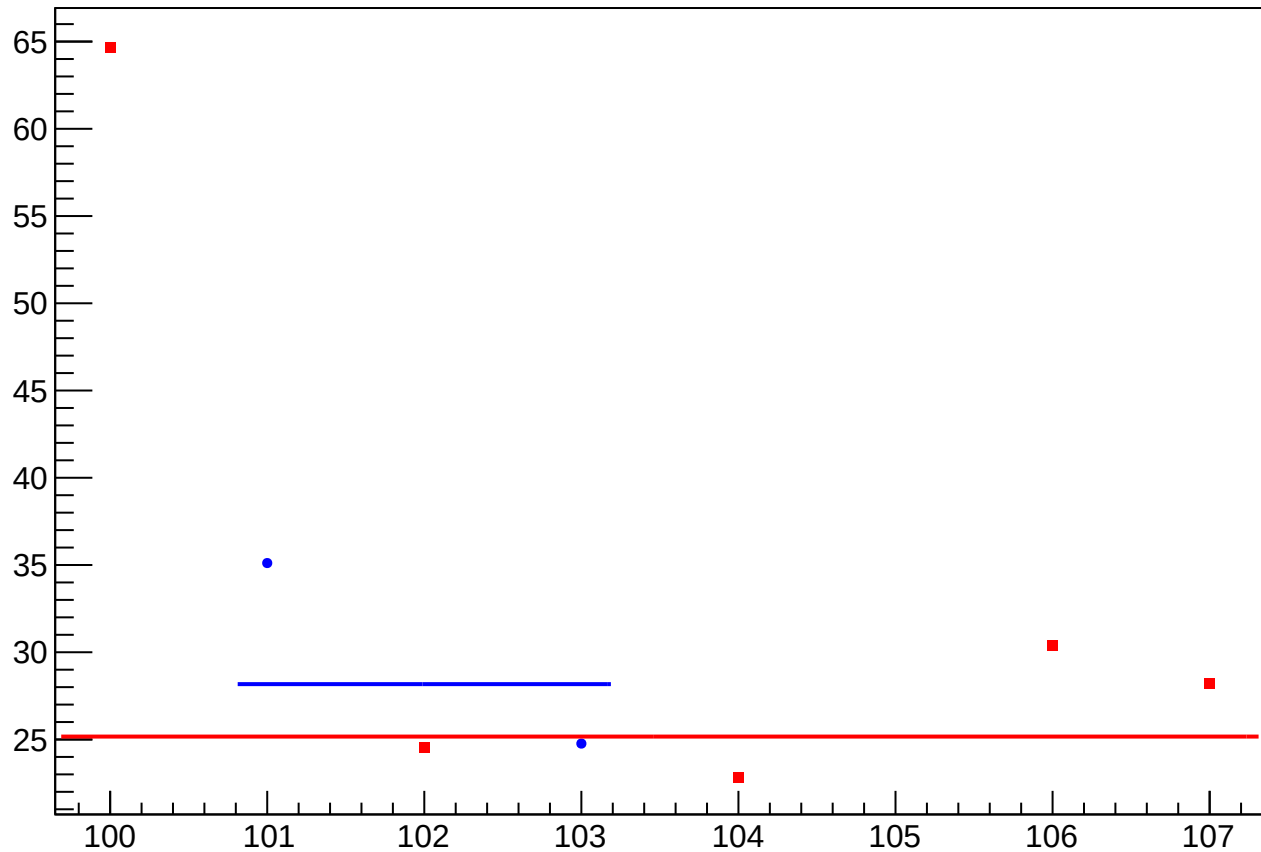
Right: 0.012+/-0.016 χ^2/NDF : 10.7/6

In: 0.031+/-0.026 χ^2/NDF : 4.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.016 χ^2/NDF : 10.7/6

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.173+/-0.019 χ^2/NDF : 67848.8/1

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

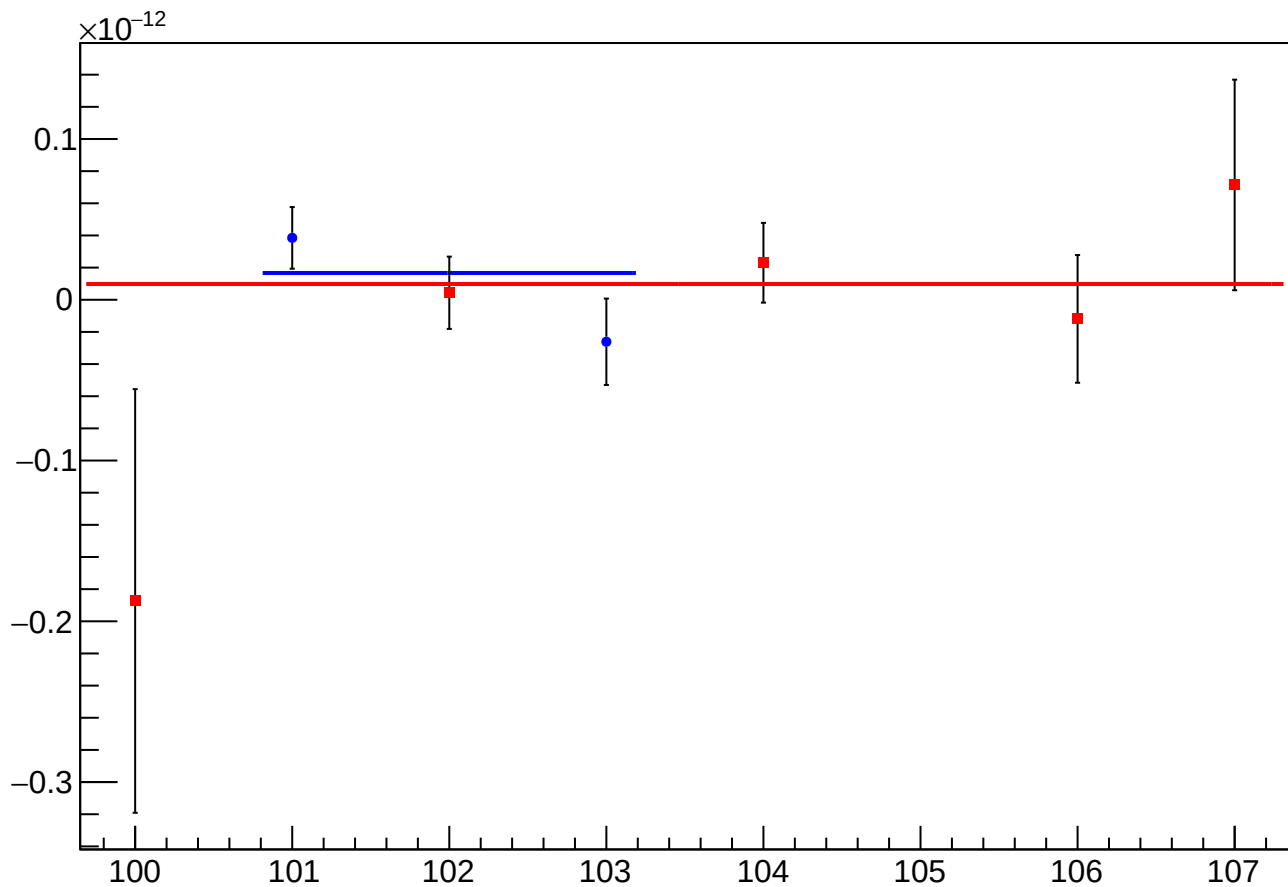
Right: 26.262+/-0.011 χ^2/NDF : 166179.1/6

In: 28.173+/-0.019 χ^2/NDF : 67848.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.262+/-0.011 χ^2/NDF : 166179.1/6

asym_sam_1548_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.8/1

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

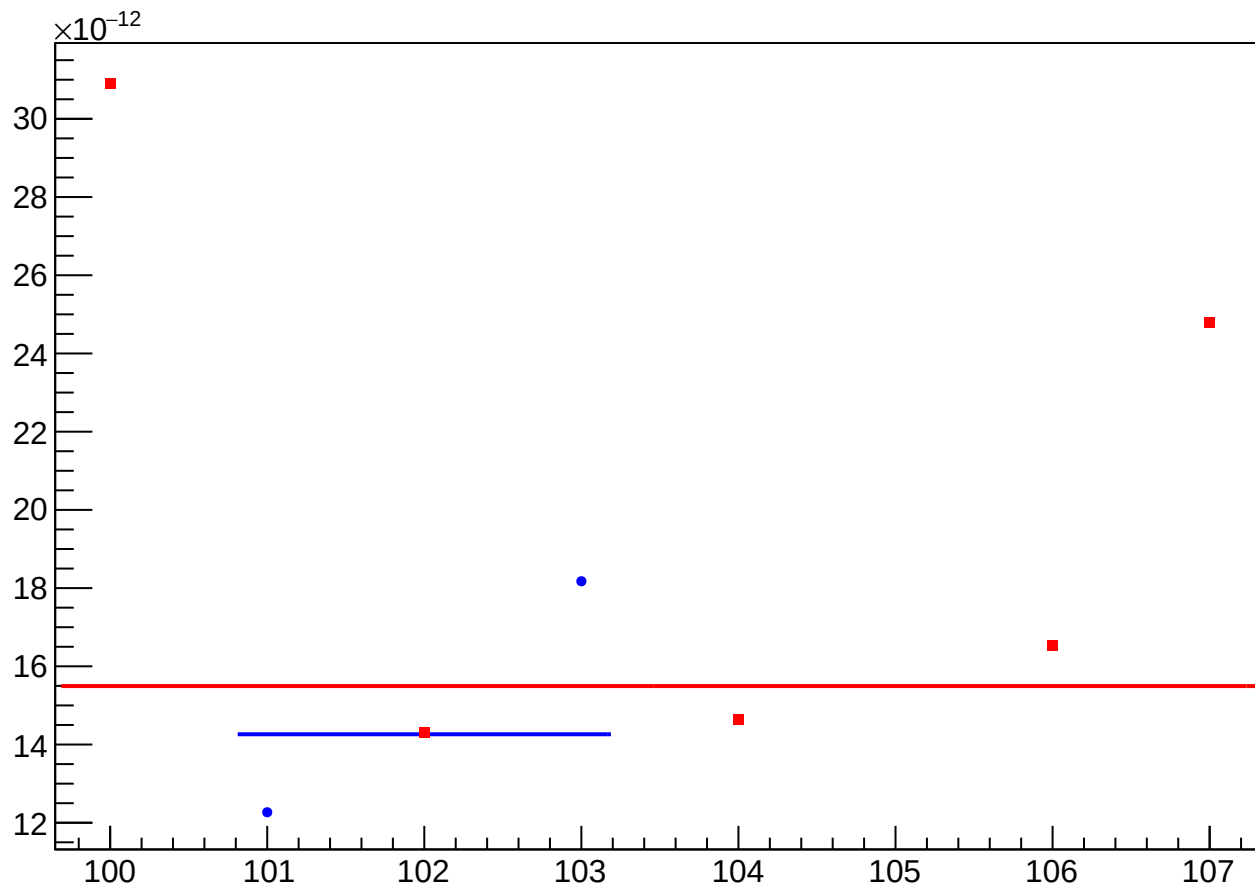
Right: 0.000+/-0.000 χ^2/NDF : 7.7/6

In: 0.000+/-0.000 χ^2/NDF : 3.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.7/6

asym_sam_1548_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 64095.9/1

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

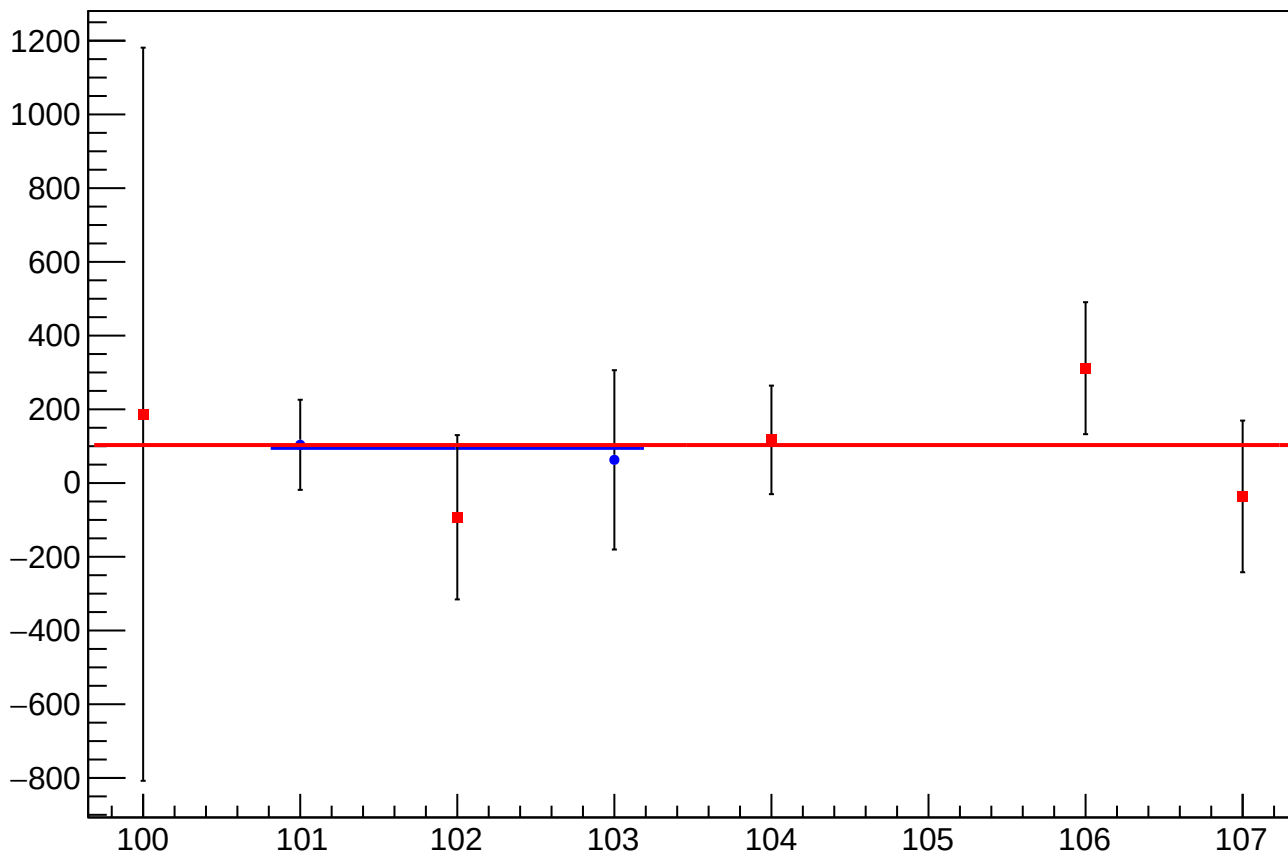
Right: 0.000+/-0.000 χ^2/NDF : 147484.6/6

In: 0.000+/-0.000 χ^2/NDF : 64095.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 147484.6/6

reg_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 95.530+/-109.200 χ^2/NDF : 0.0/1

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

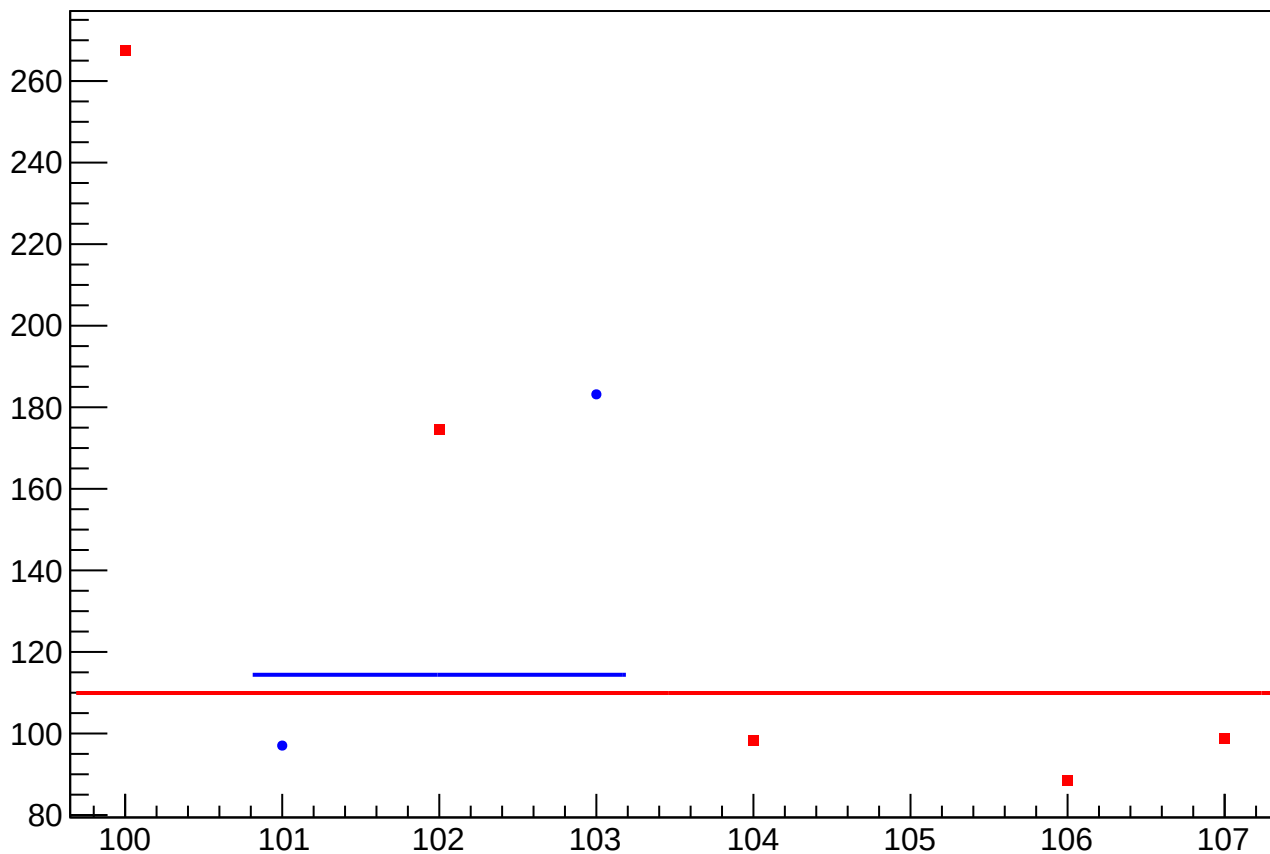
Right: 100.016+/-69.678 χ^2/NDF : 2.6/6

In: 95.530+/-109.200 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.016+/-69.678 χ^2/NDF : 2.6/6

reg_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 114.401 $\pm$ 0.077 χ^2 /NDF: 200255.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 109.931 $\pm$ 0.064 χ^2 /NDF: 265212.9/4

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

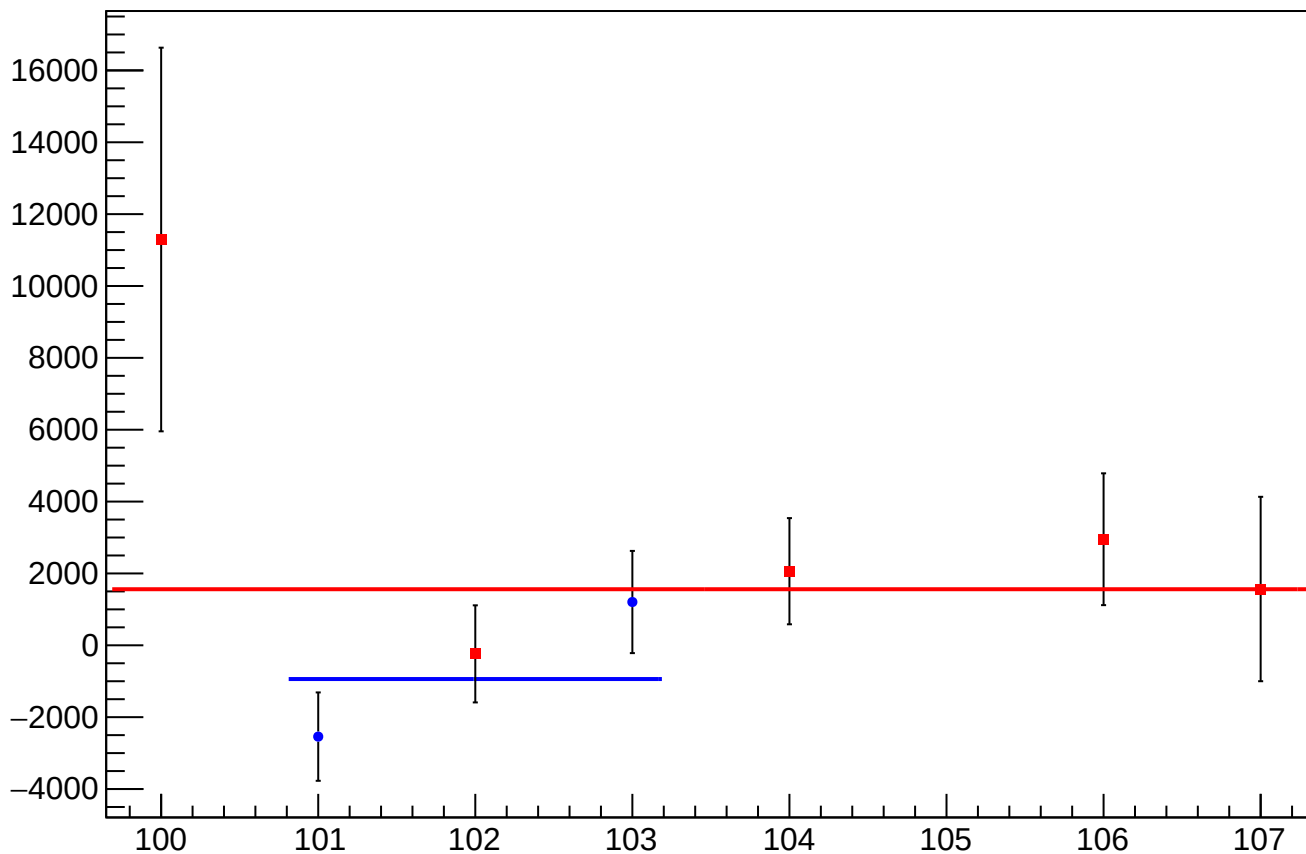
Right: 111.751 $\pm$ 0.049 χ^2 /NDF: 467455.2/6

In: 114.401 $\pm$ 0.077 χ^2 /NDF:200255.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 111.751 $\pm$ 0.049 χ^2 /NDF: 467455.2/6

asym_sam_3748_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -938.839+/-930.207 χ^2/NDF : 4.0/1

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

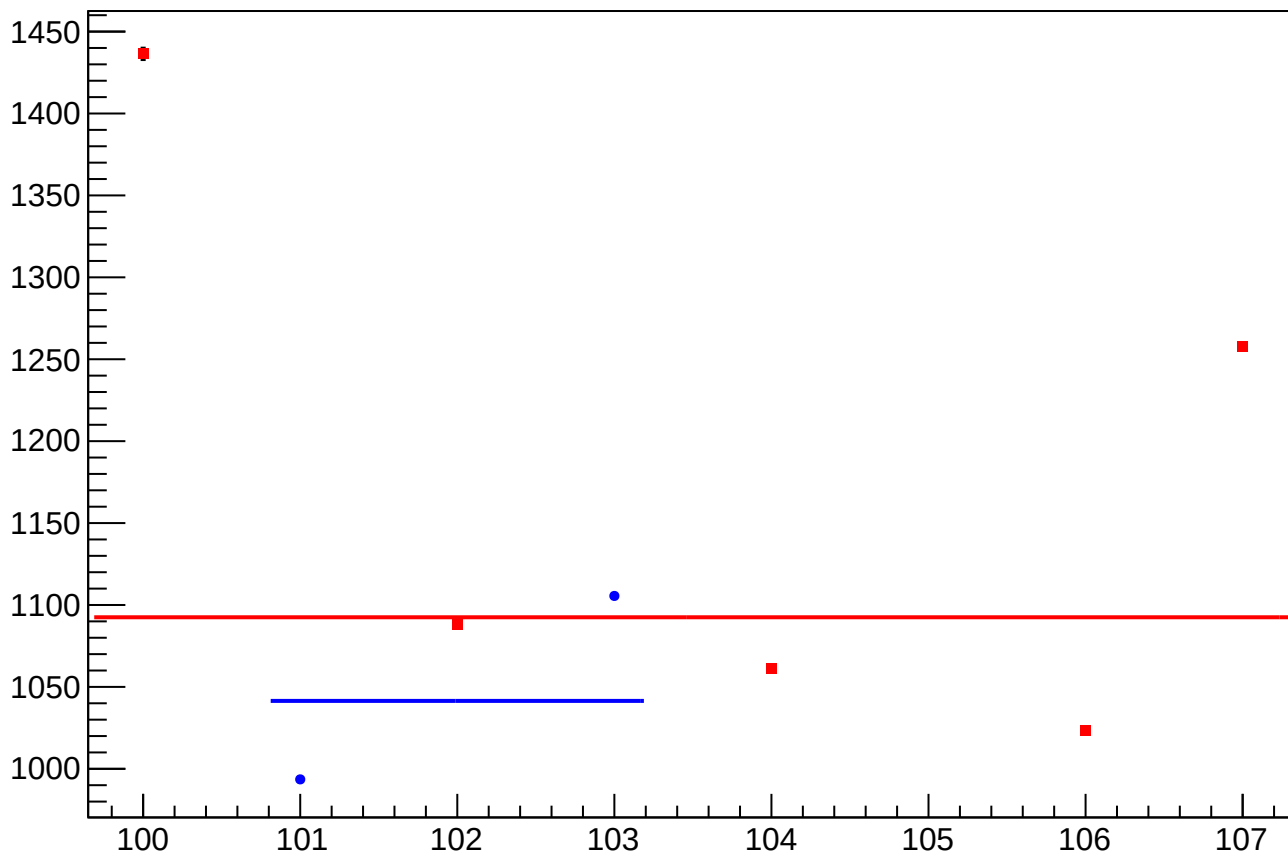
Right: 468.878+/-614.793 χ^2/NDF : 13.8/6

In: -938.839+/-930.207 χ^2/NDF : 4.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 468.878+/-614.793 χ^2/NDF : 13.8/6

asym_sam_3748_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1041.455+/-0.658 χ^2/NDF : 7093.8/1

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

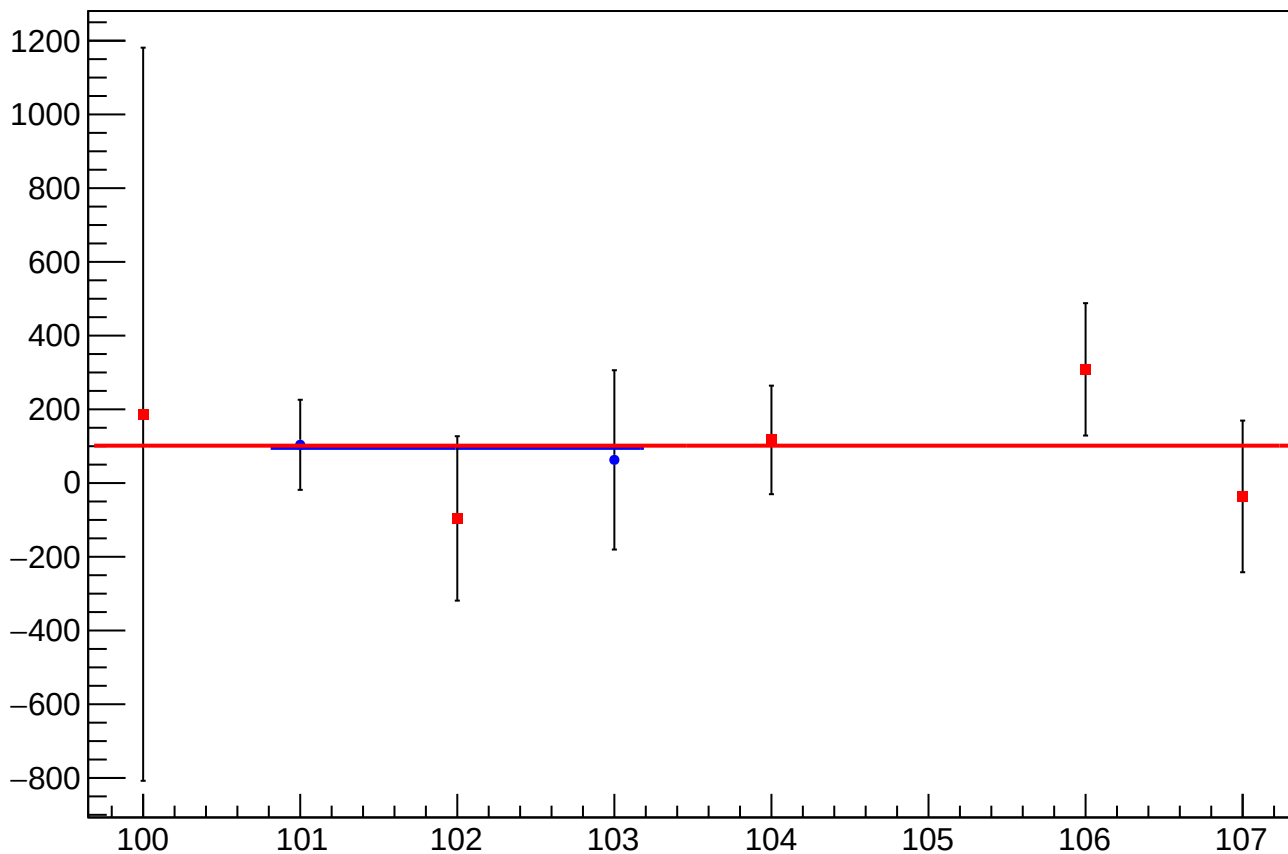
Right: 1070.204+/-0.435 χ^2/NDF : 30814.8/6

In: 1041.455+/-0.658 χ^2/NDF : 7093.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1070.204+/-0.435 χ^2/NDF : 30814.8/6

cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 95.513+/-109.200 χ^2/NDF : 0.0/1

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

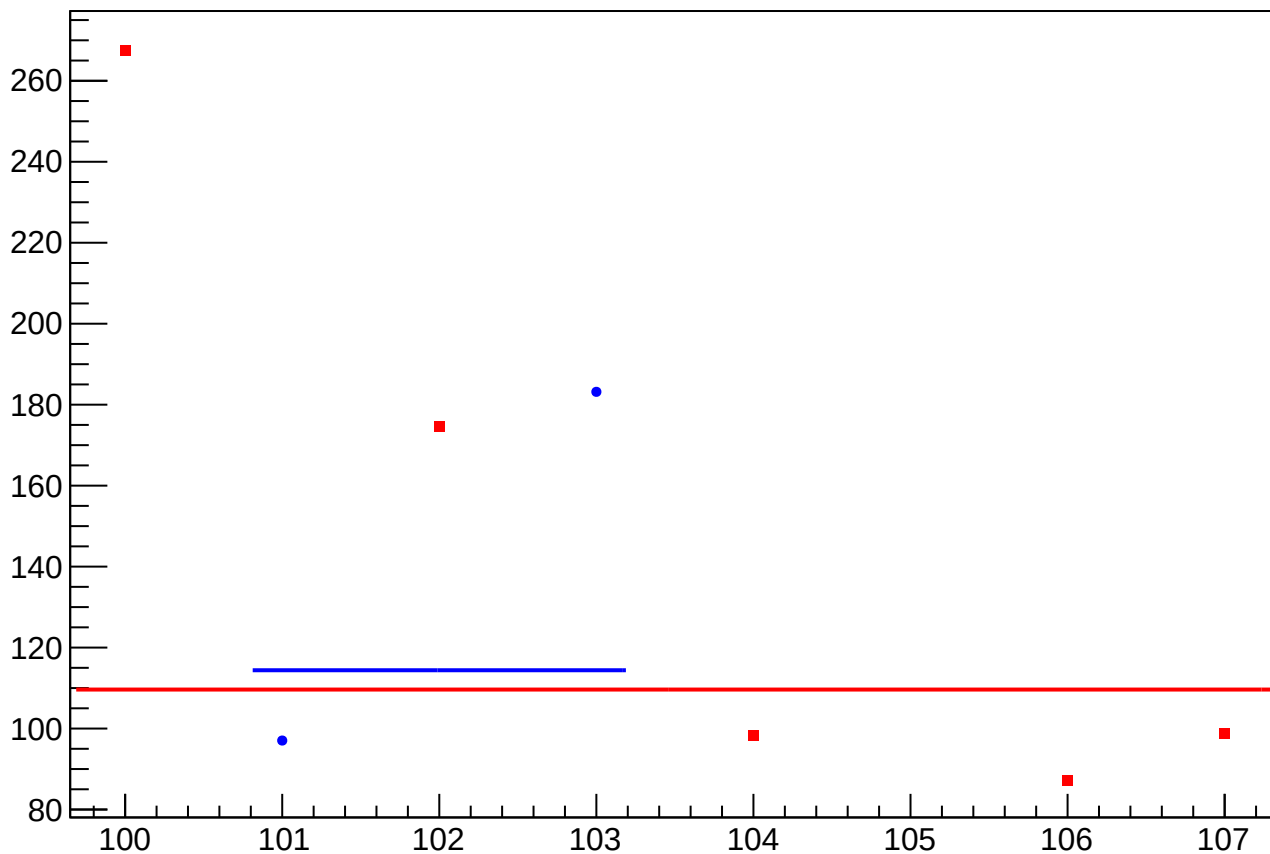
Right: 99.033+/-69.713 χ^2/NDF : 2.6/6

In: 95.513+/-109.200 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.033+/-69.713 χ^2/NDF : 2.6/6

cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 114.401+/-0.077 χ^2/NDF : 200258.6/1

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

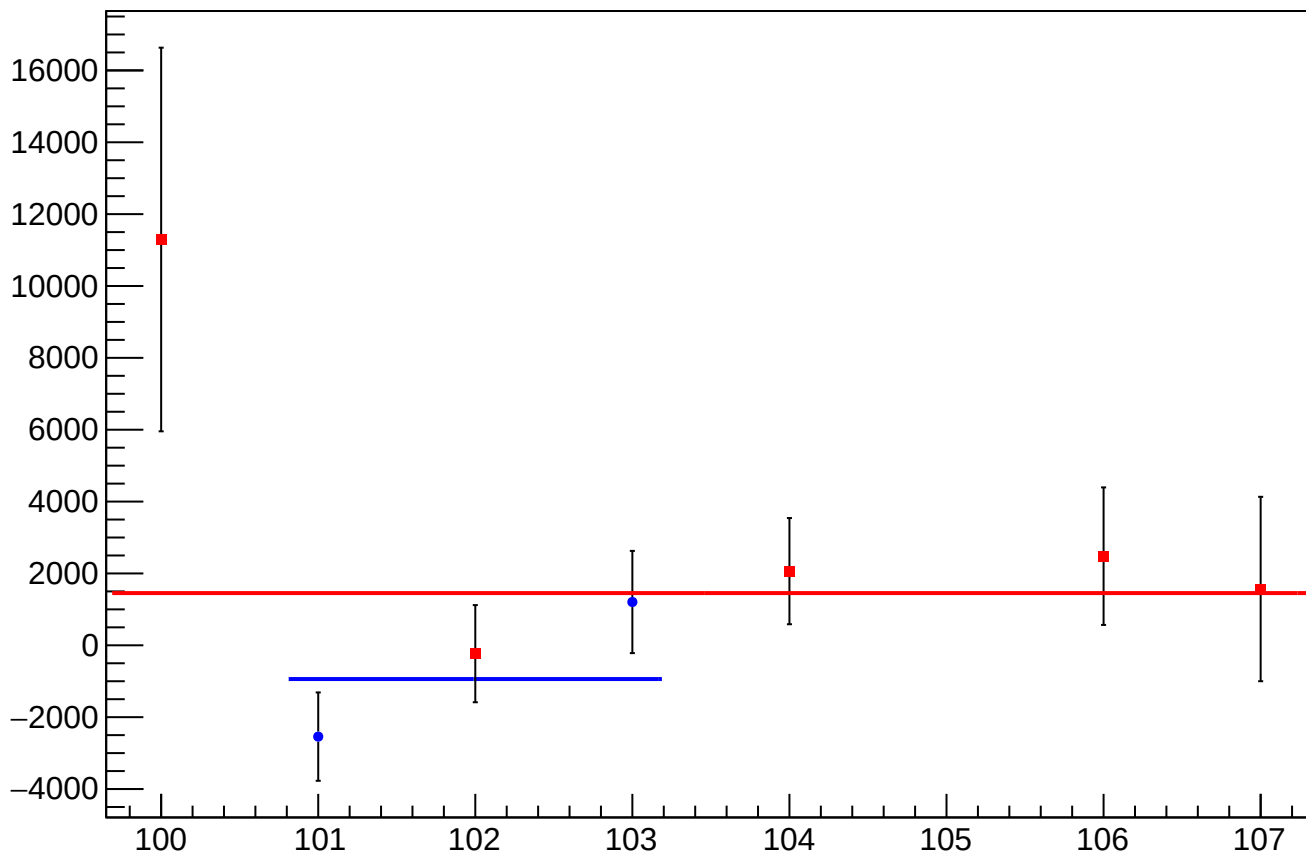
Right: 111.576+/-0.049 χ^2/NDF : 471340.0/6

In: 114.401+/-0.077 χ^2/NDF : 200258.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.576+/-0.049 χ^2/NDF : 471340.0/6

asym_sam_3748_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -939.001+/-930.246 χ^2/NDF : 4.0/1

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

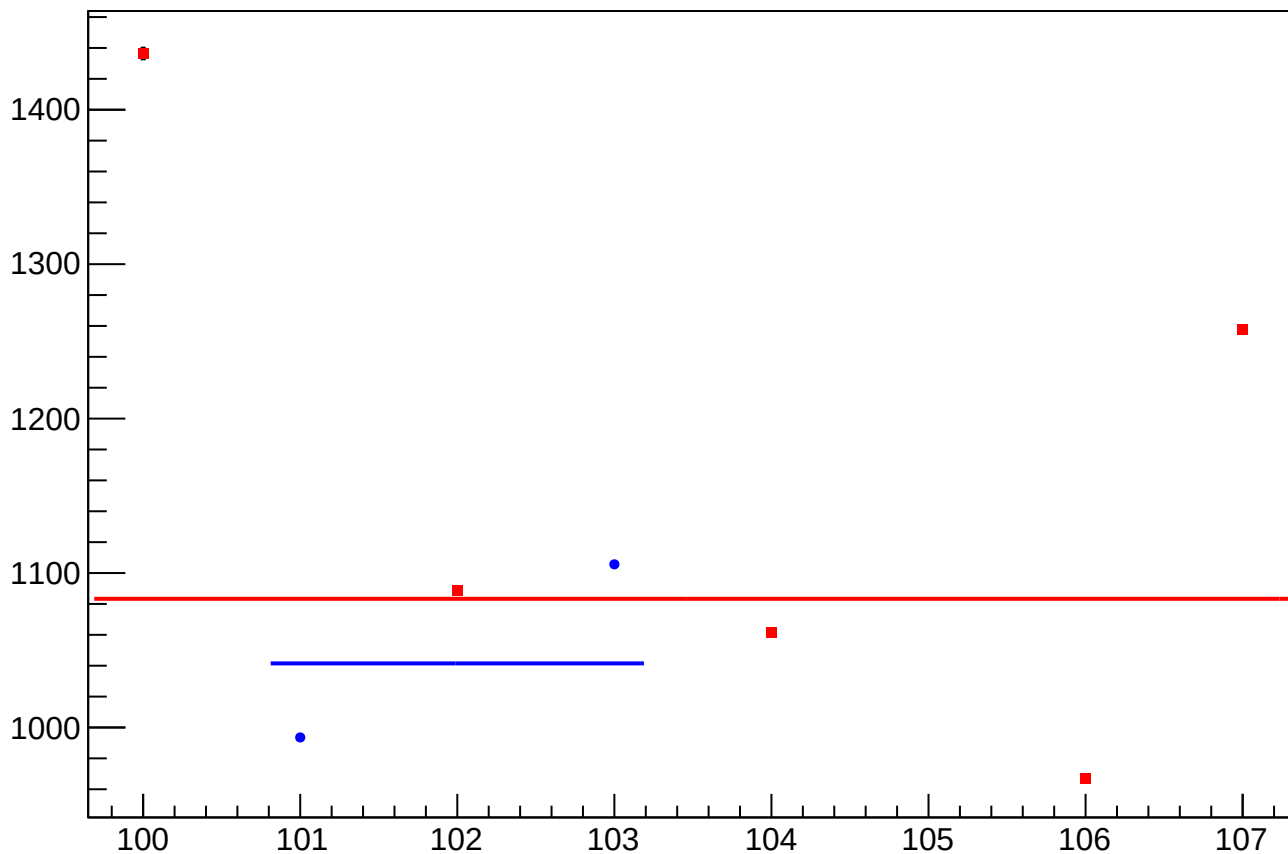
Right: 398.375+/-617.734 χ^2/NDF : 13.1/6

In: -939.001+/-930.246 χ^2/NDF : 4.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 398.375+/-617.734 χ^2/NDF : 13.1/6

asym_sam_3748_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1041.496 $\pm$ 0.658 χ^2 /NDF: 7106.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1083.329 $\pm$ 0.584 χ^2 /NDF: 25877.6/4

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

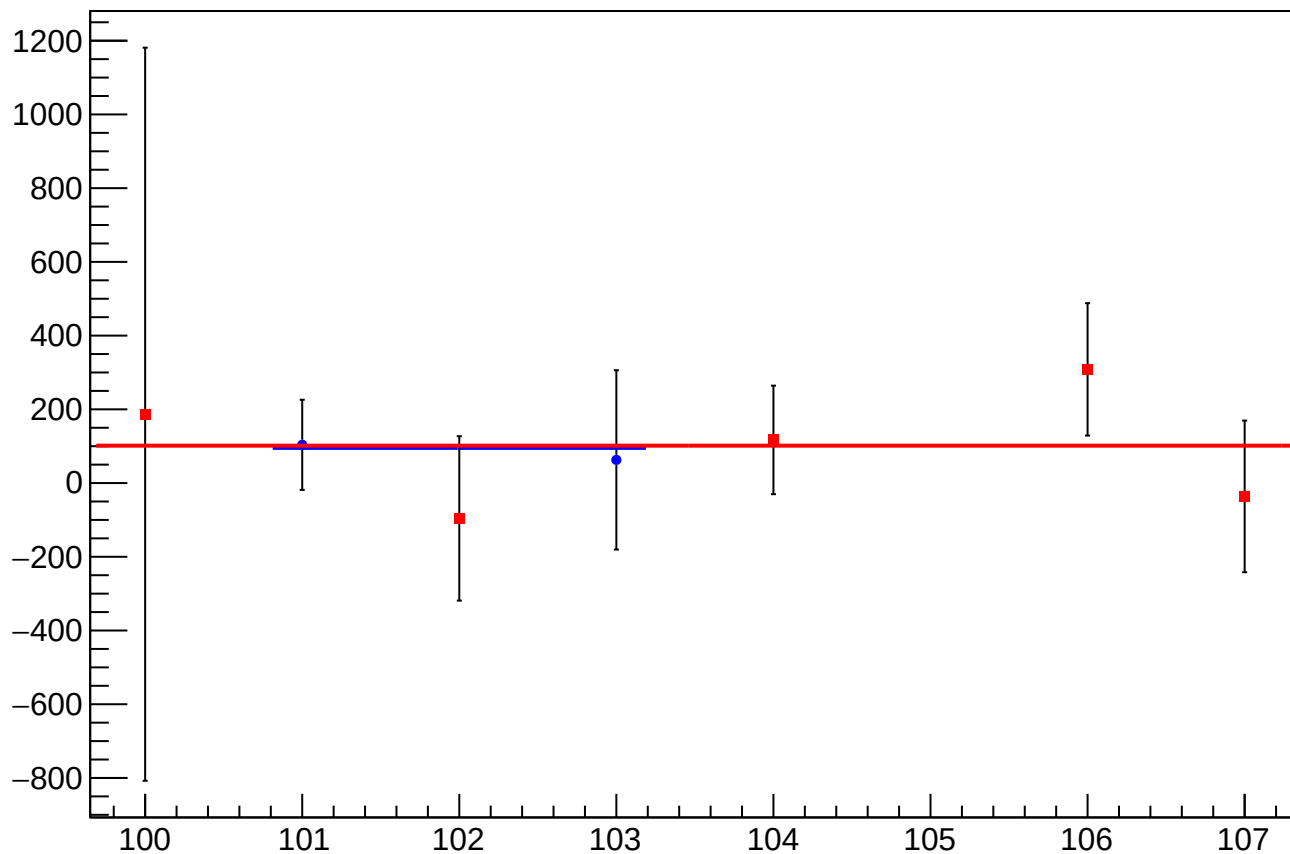
Right: 1064.882 $\pm$ 0.437 χ^2 /NDF: 35245.2/6

In: 1041.496 $\pm$ 0.658 χ^2 /NDF:7106.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1064.882 $\pm$ 0.437 χ^2 /NDF: 35245.2/6

eigen_cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 95.513+/-109.200 χ^2/NDF : 0.0/1

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

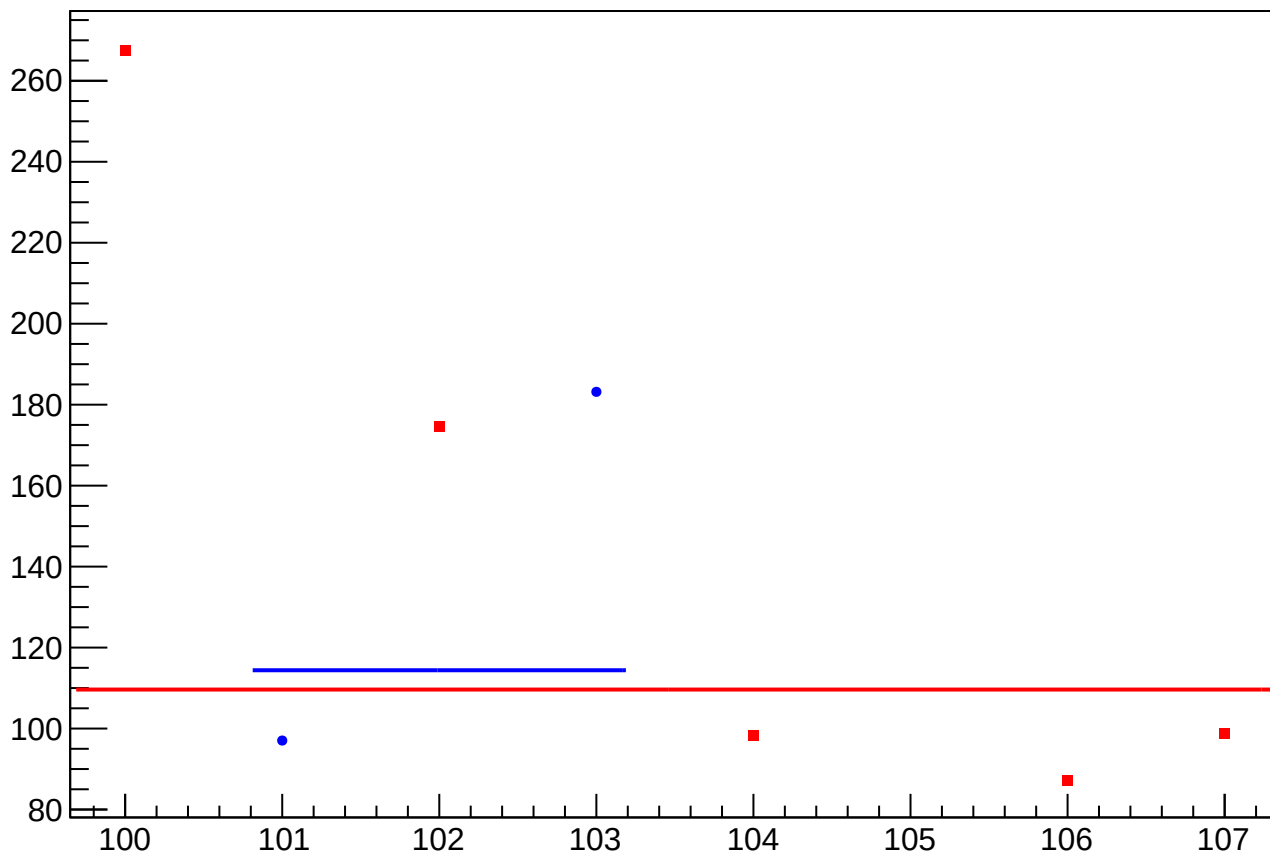
Right: 99.033+/-69.713 χ^2/NDF : 2.6/6

In: 95.513+/-109.200 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.033+/-69.713 χ^2/NDF : 2.6/6

eigen_cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 114.401 $\pm$ 0.077 χ^2 /NDF: 200258.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 109.633 $\pm$ 0.064 χ^2 /NDF: 268822.6/4

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

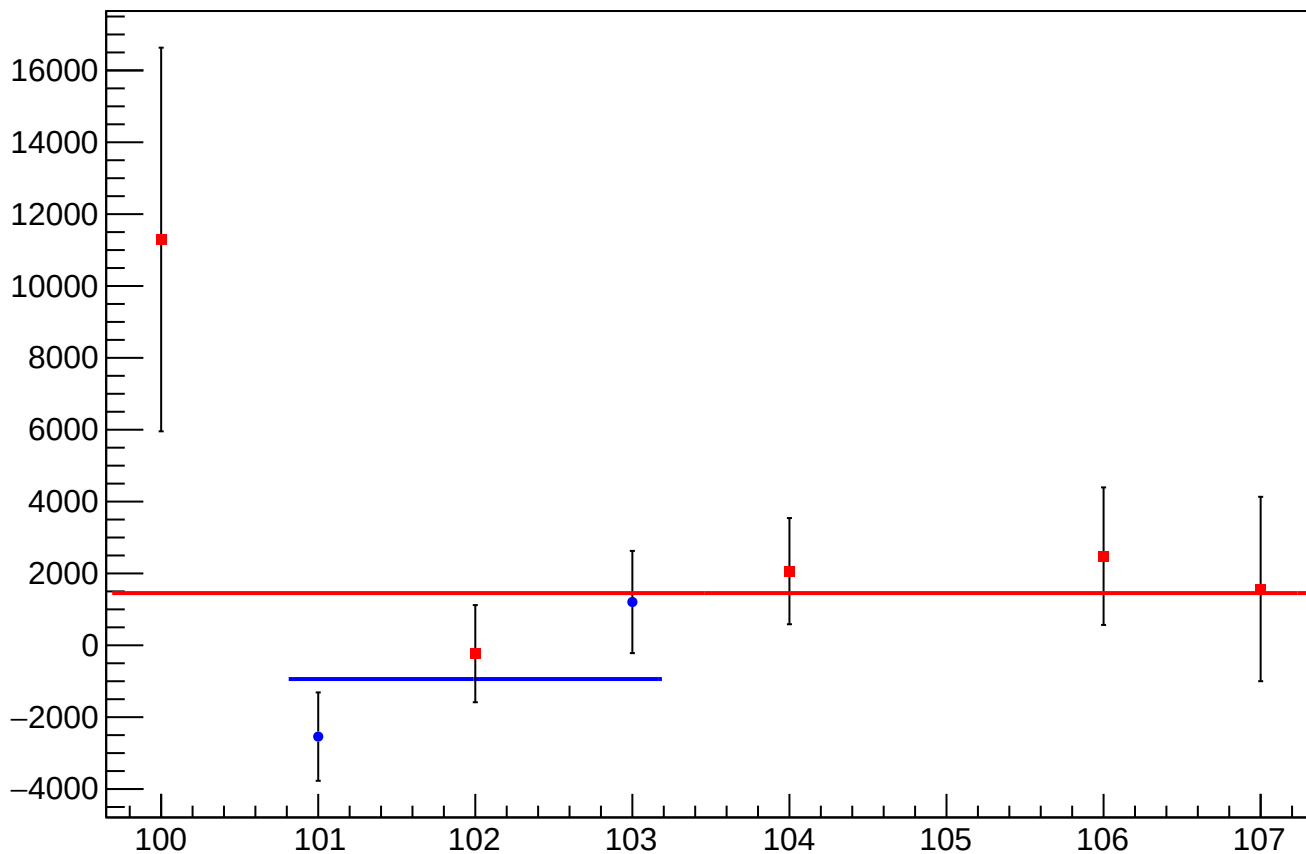
Right: 111.576 $\pm$ 0.049 χ^2 /NDF: 471340.0/6

In: 114.401 $\pm$ 0.077 χ^2 /NDF:200258.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 111.576 $\pm$ 0.049 χ^2 /NDF: 471340.0/6

asym_sam_3748_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -939.001 $\pm$ 930.246 χ^2 /NDF: 4.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1453.304 $\pm$ 826.196 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

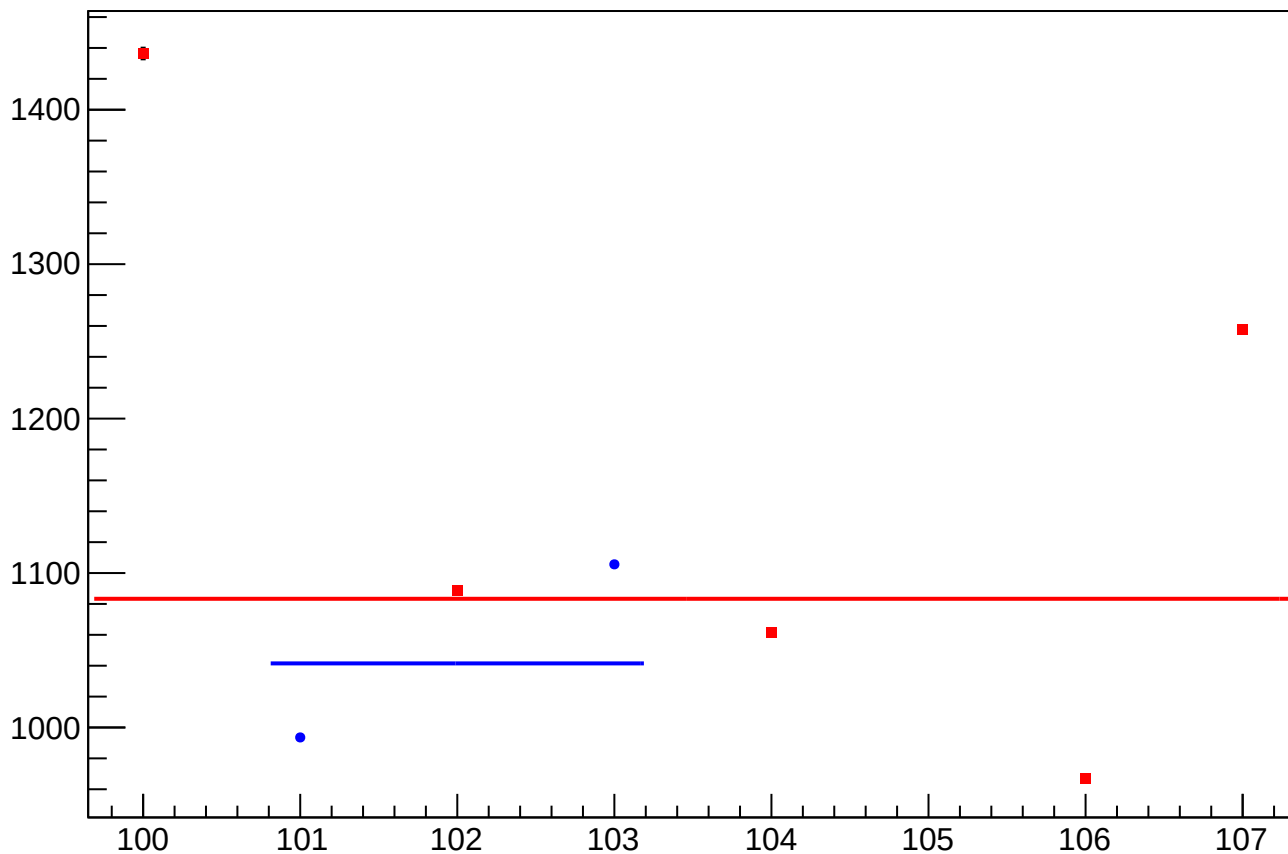
Right: 398.375 $\pm$ 617.734 χ^2 /NDF: 13.1/6

In: -939.001 $\pm$ 930.246 χ^2 /NDF:4.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 398.375 $\pm$ 617.734 χ^2 /NDF: 13.1/6

asym_sam_3748_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1041.496 $\pm$ 0.658 χ^2 /NDF: 7106.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1083.329 $\pm$ 0.584 χ^2 /NDF: 25877.6/4

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

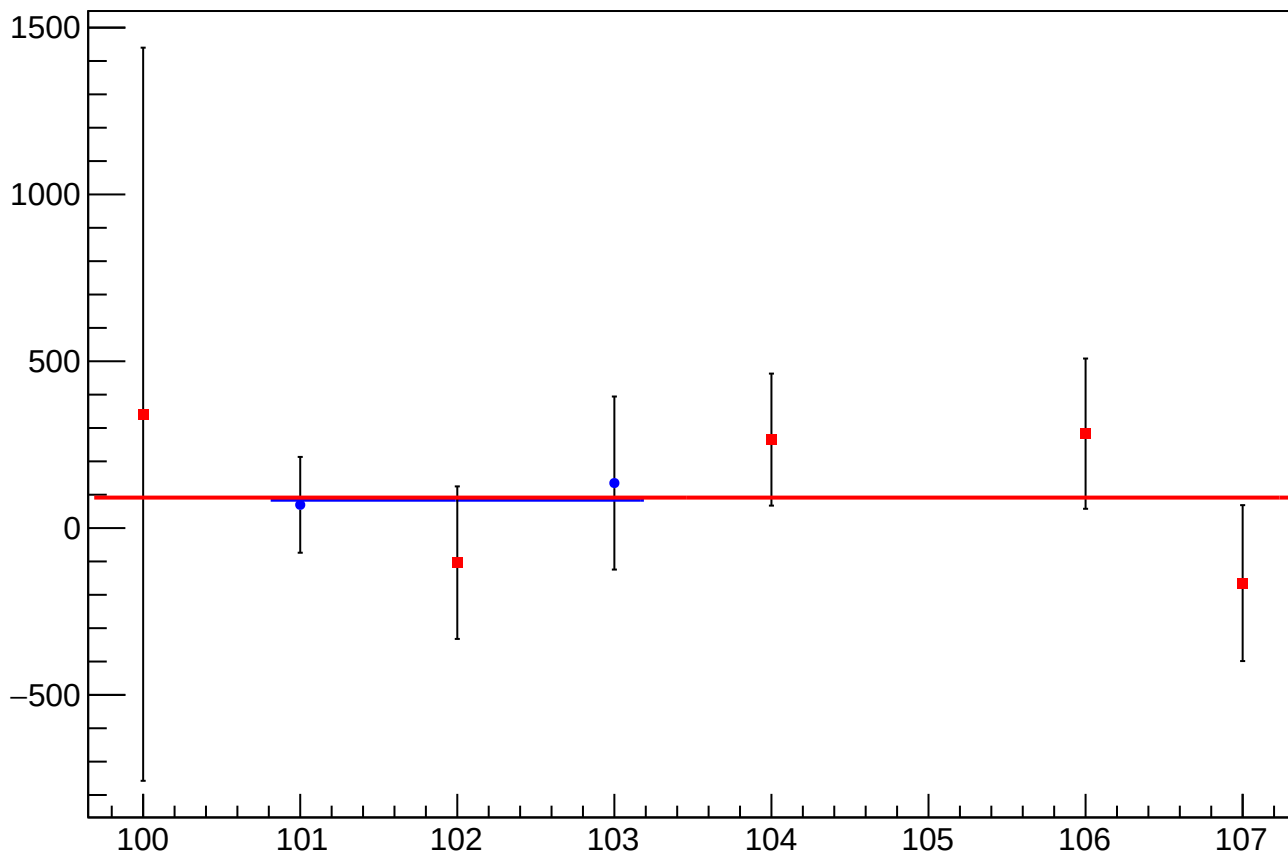
Right: 1064.882 $\pm$ 0.437 χ^2 /NDF: 35245.2/6

In: 1041.496 $\pm$ 0.658 χ^2 /NDF:7106.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1064.882 $\pm$ 0.437 χ^2 /NDF: 35245.2/6

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 85.029 $\pm$ 125.625 χ^2 /NDF: 0.0/1

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

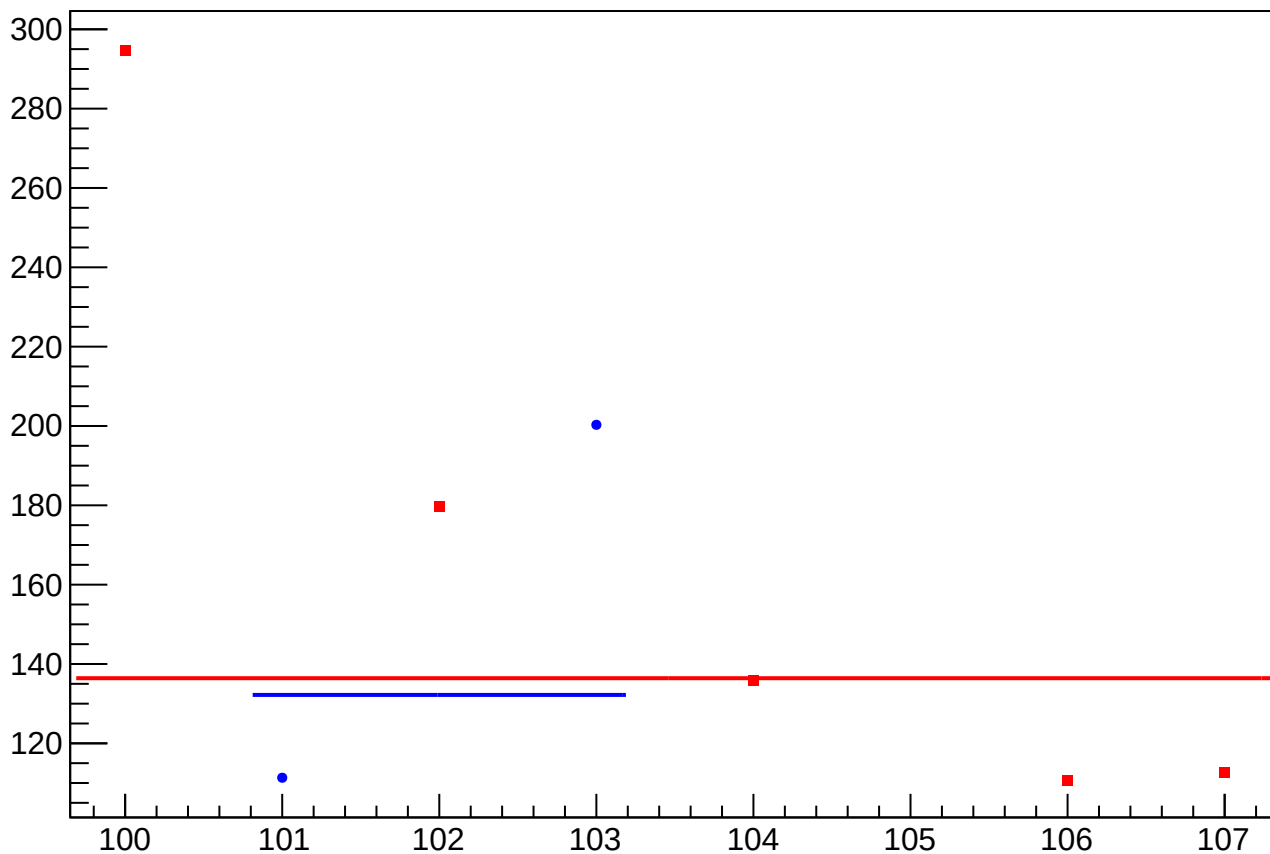
Right: 88.648 $\pm$ 82.504 χ^2 /NDF: 3.5/6

In: 85.029 $\pm$ 125.625 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 88.648 $\pm$ 82.504 χ^2 /NDF: 3.5/6

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 132.206 $\pm$ 0.089 χ^2 /NDF: 180139.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 136.422 $\pm$ 0.077 χ^2 /NDF: 159664.6/4

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

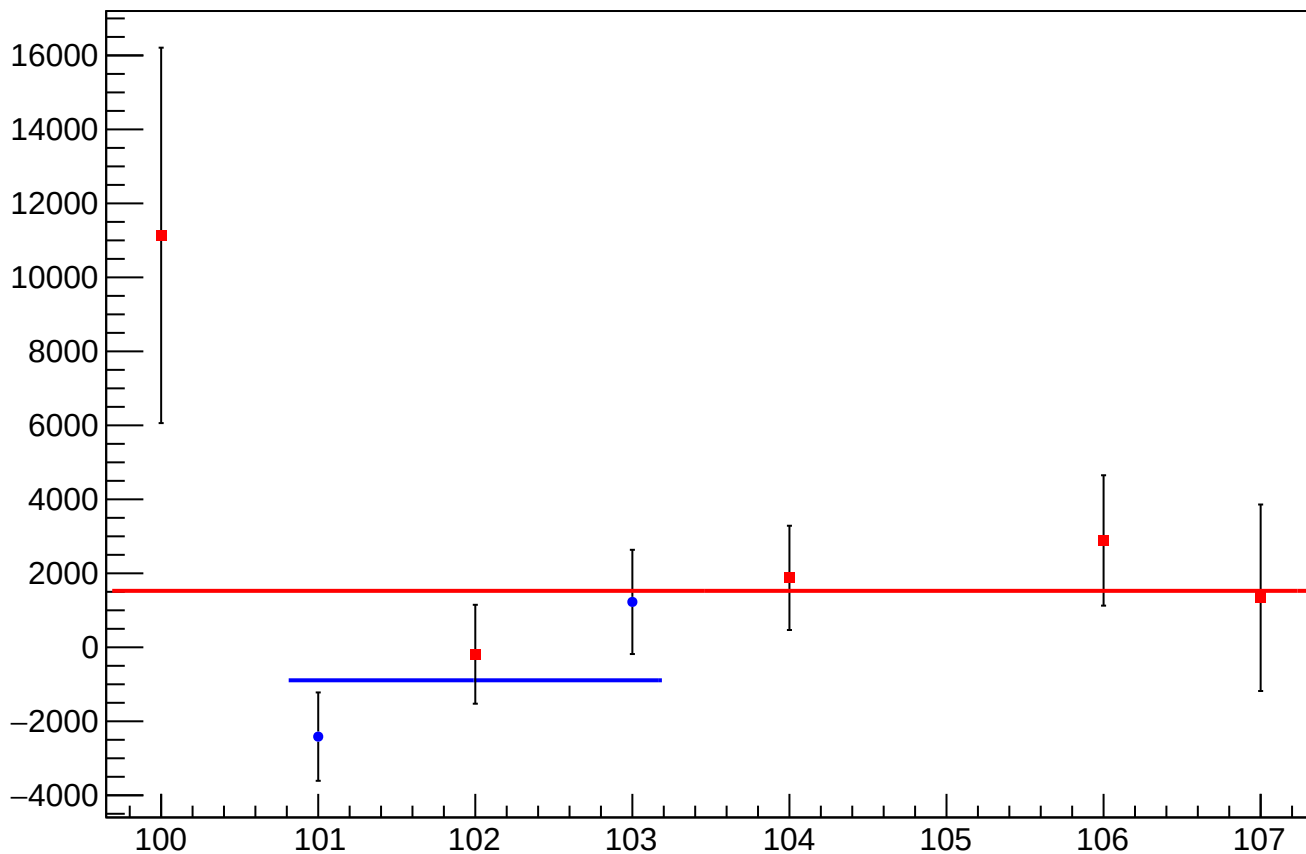
Right: 134.603 $\pm$ 0.058 χ^2 /NDF: 341084.4/6

In: 132.206 $\pm$ 0.089 χ^2 /NDF:180139.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 134.603 $\pm$ 0.058 χ^2 /NDF: 341084.4/6

asym_sam_3748_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -891.691+/-910.910 χ^2/NDF : 3.9/1

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

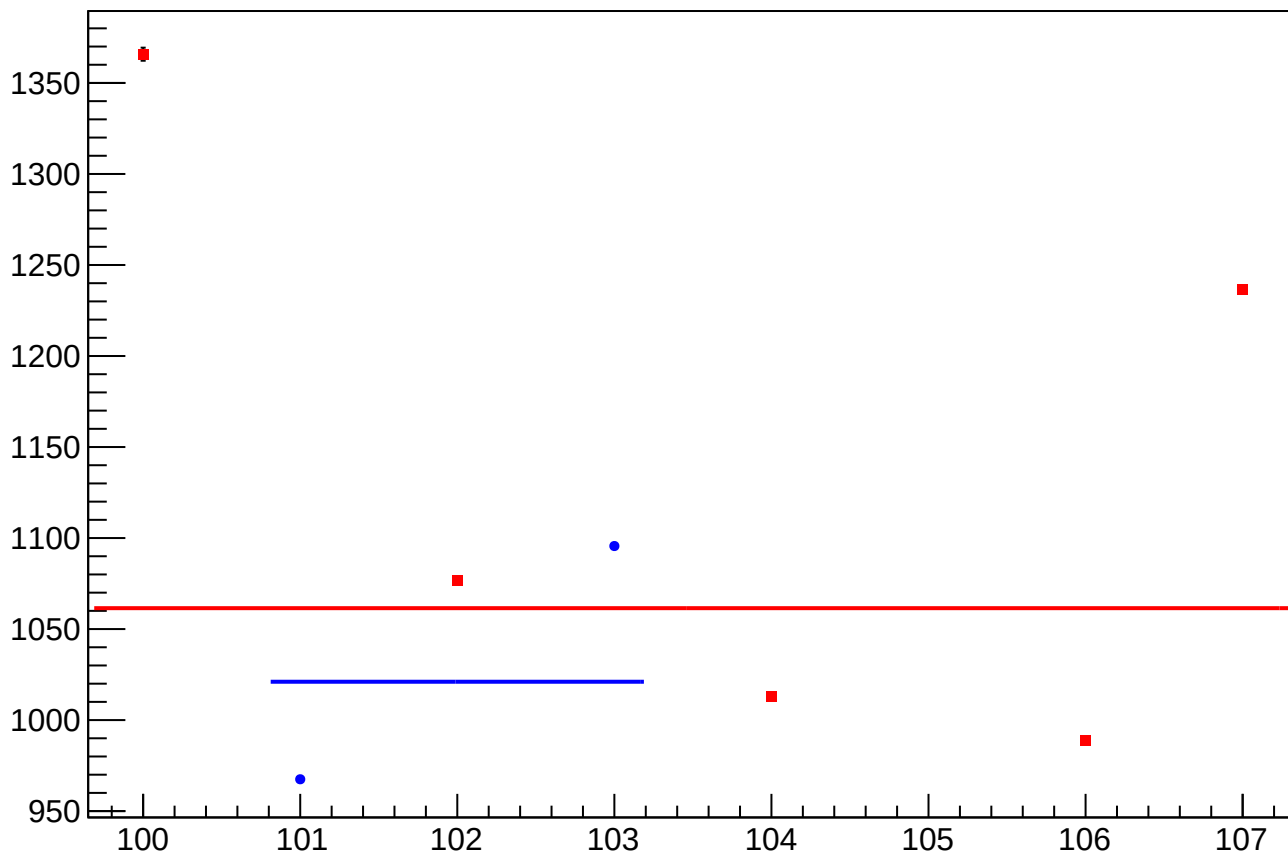
Right: 480.615+/-599.035 χ^2/NDF : 13.8/6

In: -891.691+/-910.910 χ^2/NDF : 3.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 480.615+/-599.035 χ^2/NDF : 13.8/6

asym_sam_3748_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1021.065+/-0.644 χ^2/NDF : 9626.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1061.478+/-0.562 χ^2/NDF : 22826.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

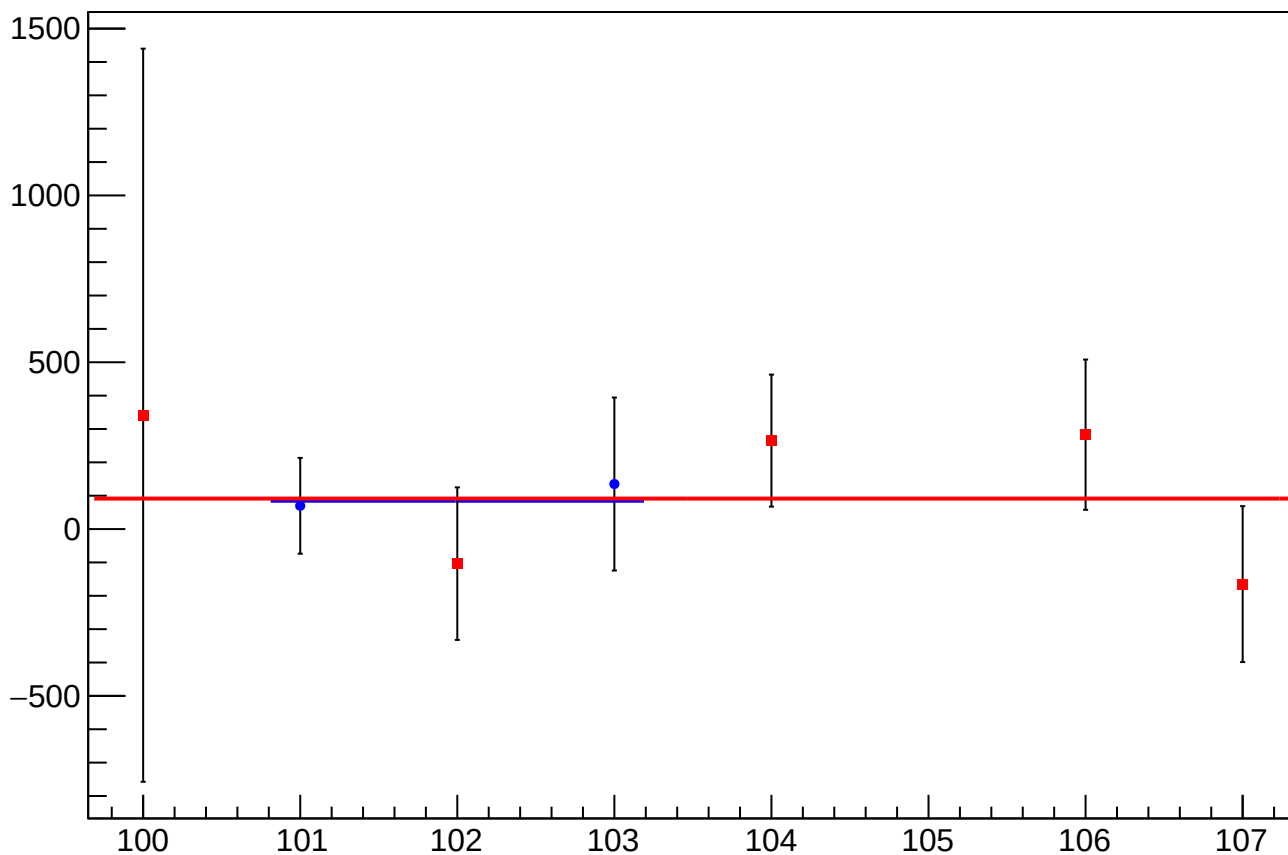
Right: 1044.001+/-0.424 χ^2/NDF : 34686.8/6

In: 1021.065+/-0.644 χ^2/NDF : 9626.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1044.001+/-0.424 χ^2/NDF : 34686.8/6

eigen_dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 85.033+/-125.626 χ^2/NDF : 0.0/1

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

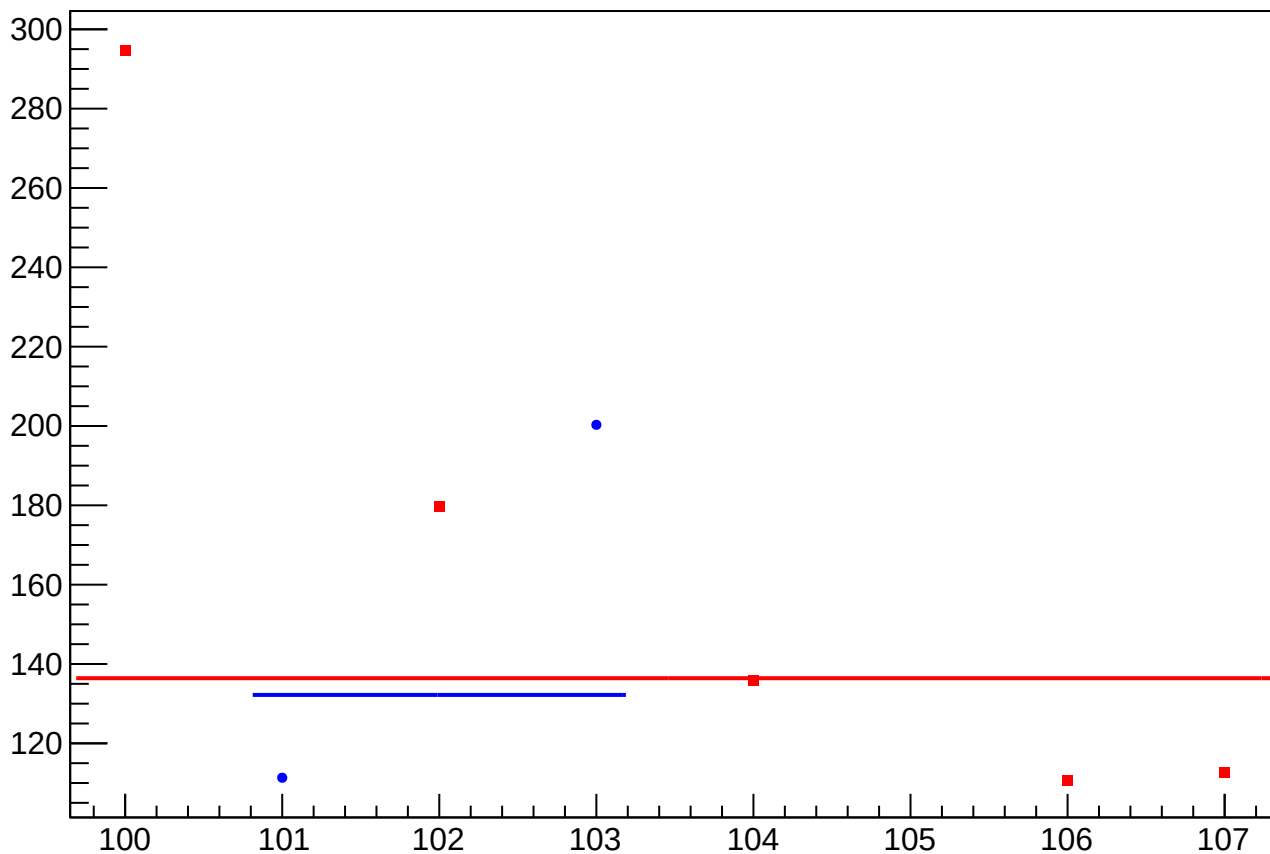
Right: 88.648+/-82.504 χ^2/NDF : 3.5/6

In: 85.033+/-125.626 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.648+/-82.504 χ^2/NDF : 3.5/6

eigen_dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 132.207+/-0.089 χ^2/NDF : 180135.4/1

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

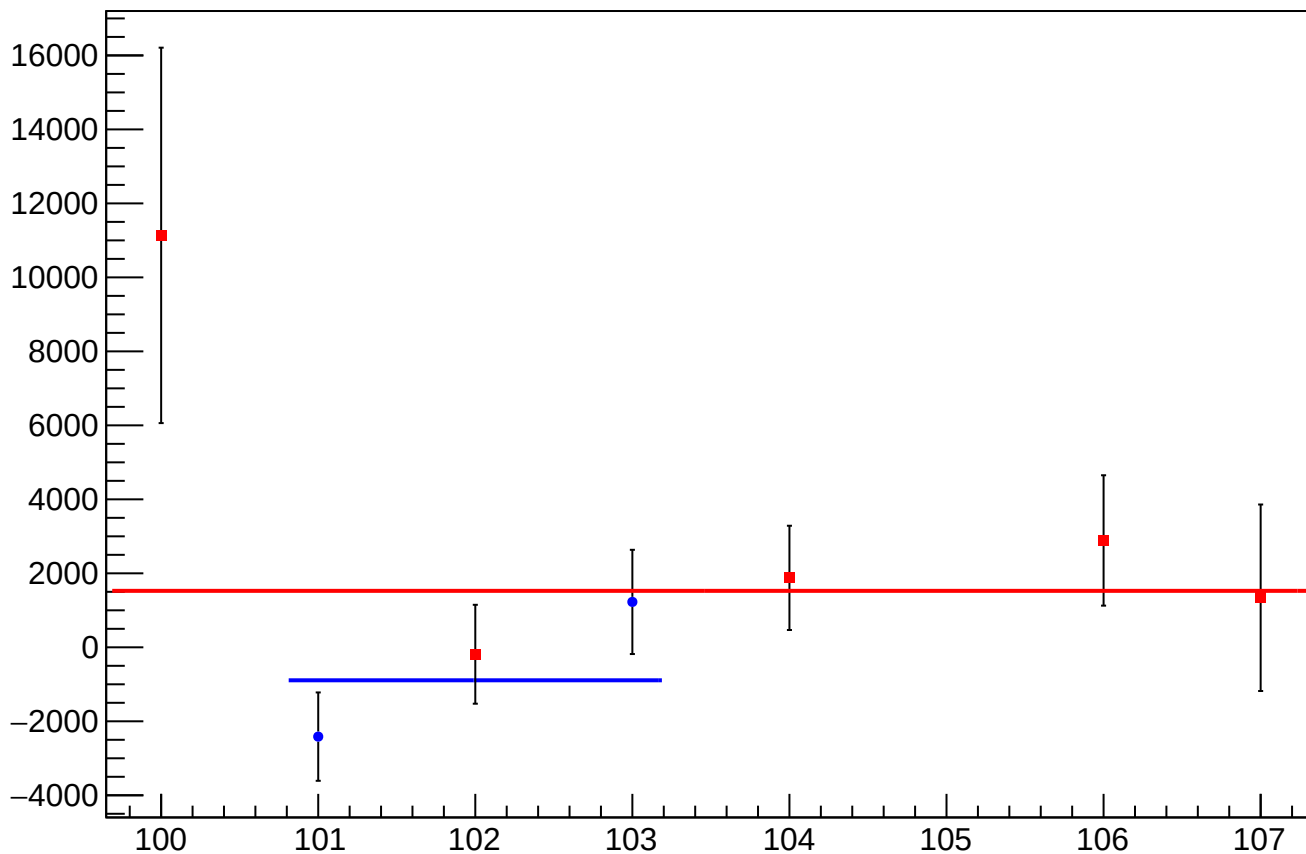
Right: 134.604+/-0.058 χ^2/NDF : 341078.7/6

In: 132.207+/-0.089 χ^2/NDF : 180135.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.604+/-0.058 χ^2/NDF : 341078.7/6

asym_sam_3748_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -891.690+/-910.908 χ^2/NDF : 3.9/1

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

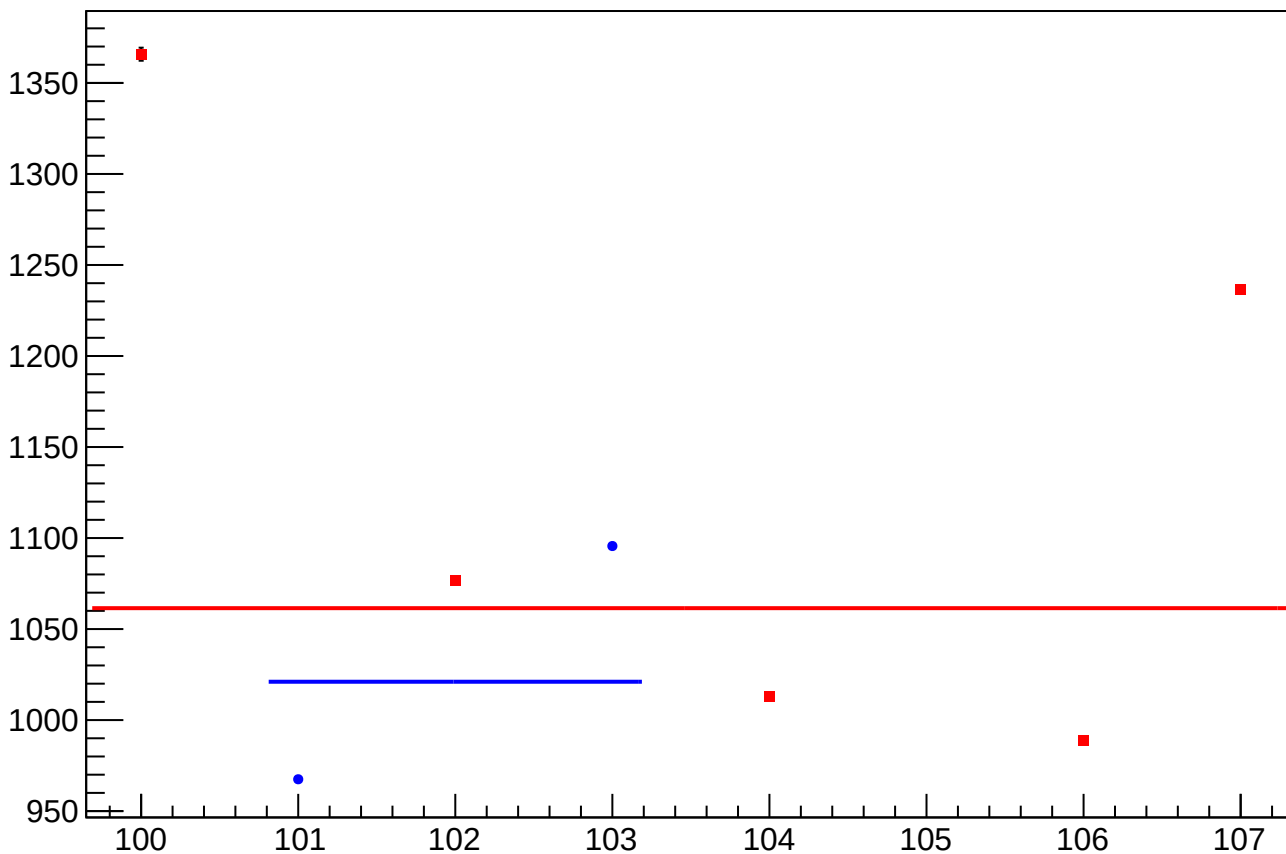
Right: 480.613+/-599.034 χ^2/NDF : 13.8/6

In: -891.690+/-910.908 χ^2/NDF : 3.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 480.613+/-599.034 χ^2/NDF : 13.8/6

asym_sam_3748_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1021.063+/-0.644 χ^2/NDF : 9626.5/1

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

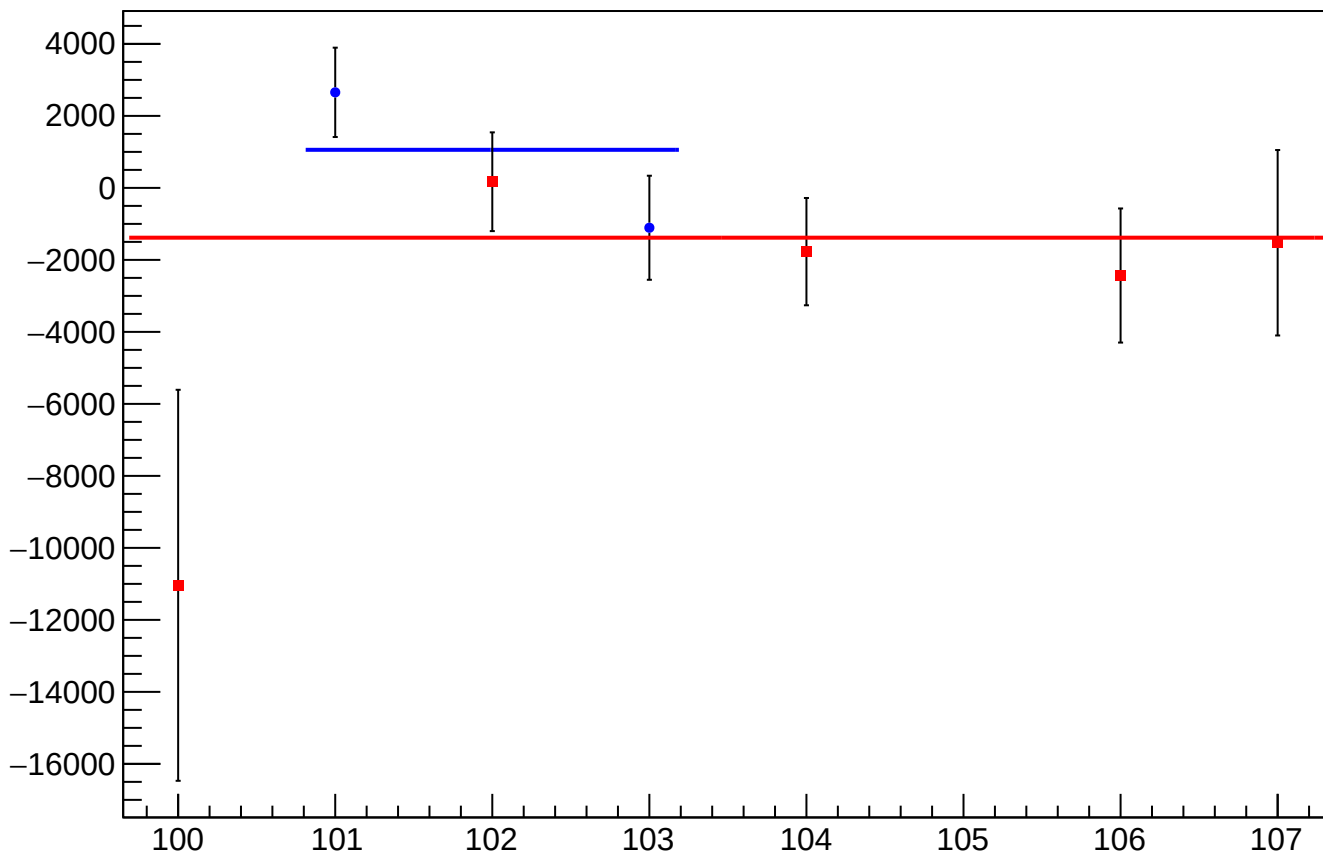
Right: 1043.999+/-0.424 χ^2/NDF : 34687.2/6

In: 1021.063+/-0.644 χ^2/NDF : 9626.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1043.999+/-0.424 χ^2/NDF : 34687.2/6

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 1057.927+/-941.493 χ^2/NDF : 3.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1383.089+/-829.128 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

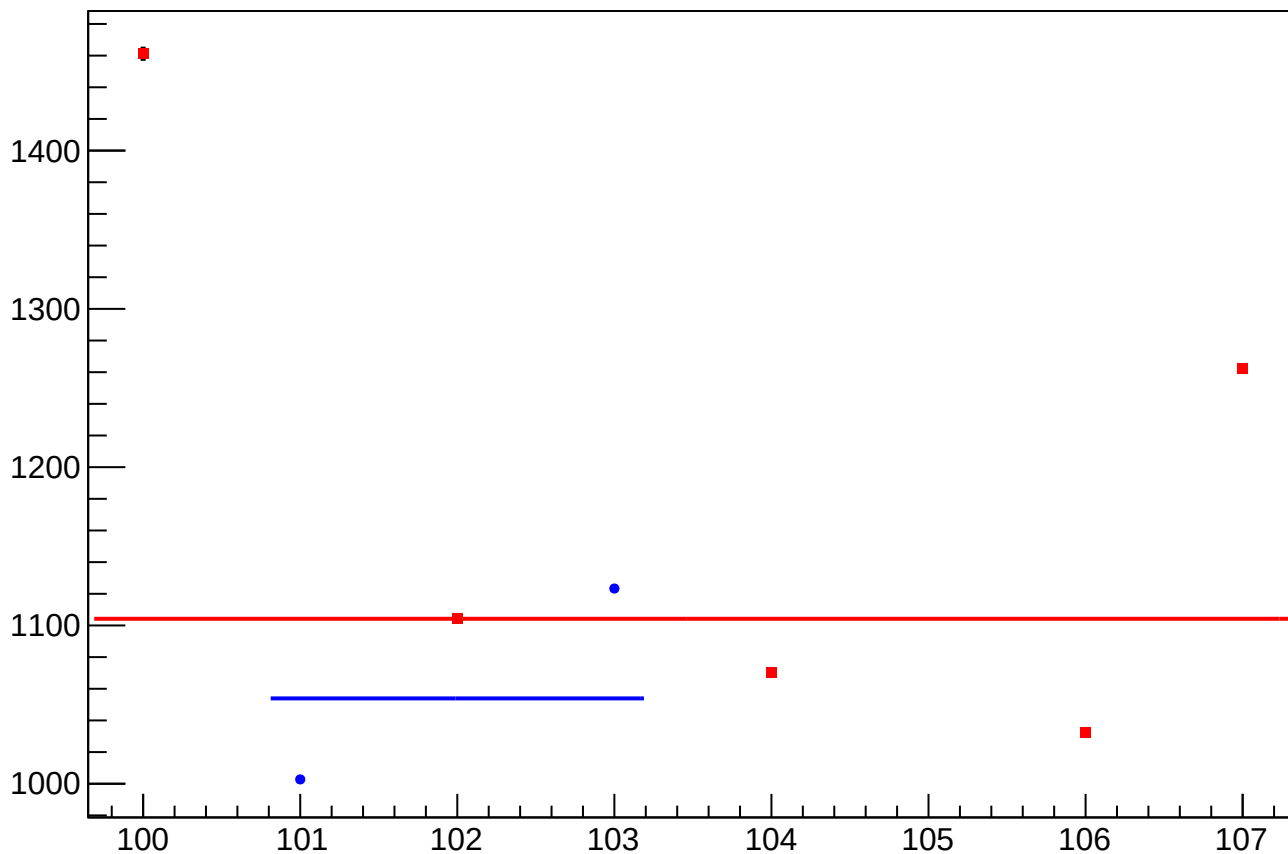
Right: -316.869+/-622.236 χ^2/NDF : 12.5/6

In: 1057.927+/-941.493 χ^2/NDF : 3.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -316.869+/-622.236 χ^2/NDF : 12.5/6

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 1053.914 $\pm$ 0.666 χ^2 /NDF: 8014.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1104.217 $\pm$ 0.586 χ^2 /NDF: 20219.0/4

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

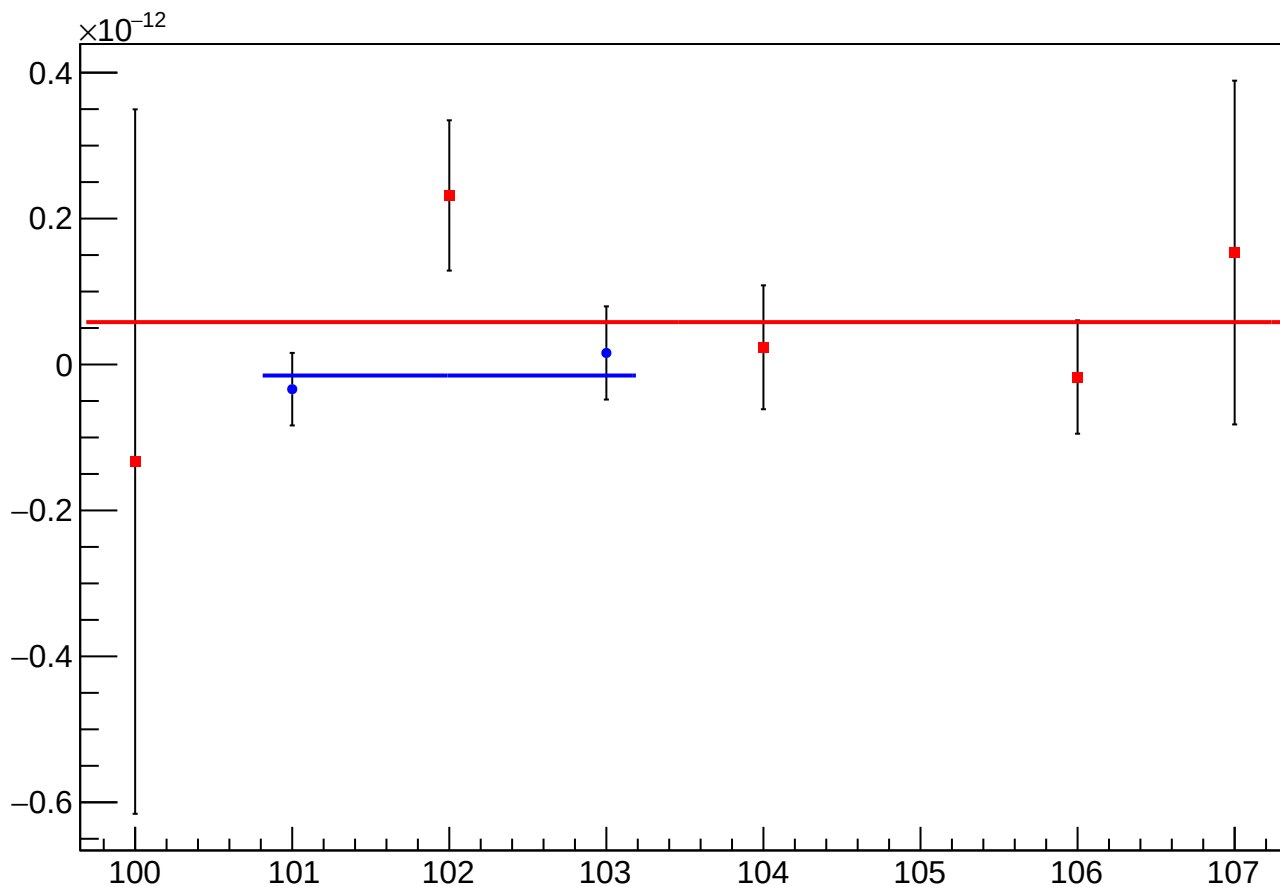
Right: 1082.245 $\pm$ 0.440 χ^2 /NDF: 31449.1/6

In: 1053.914 $\pm$ 0.666 χ^2 /NDF:8014.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1082.245 $\pm$ 0.440 χ^2 /NDF: 31449.1/6

asym_sam_3748_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.4/1

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

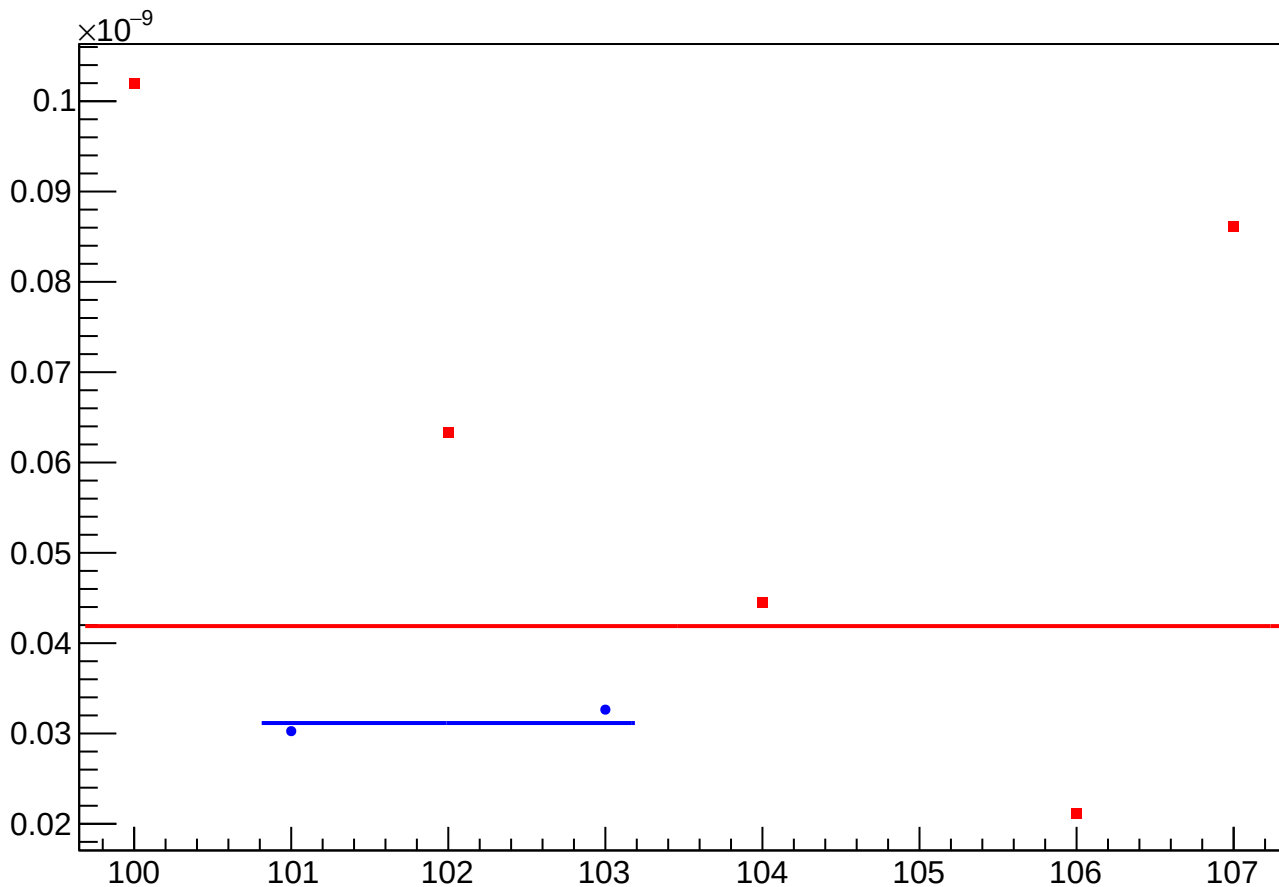
Right: 0.000+/-0.000 χ^2/NDF : 6.0/6

In: -0.000+/-0.000 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.0/6

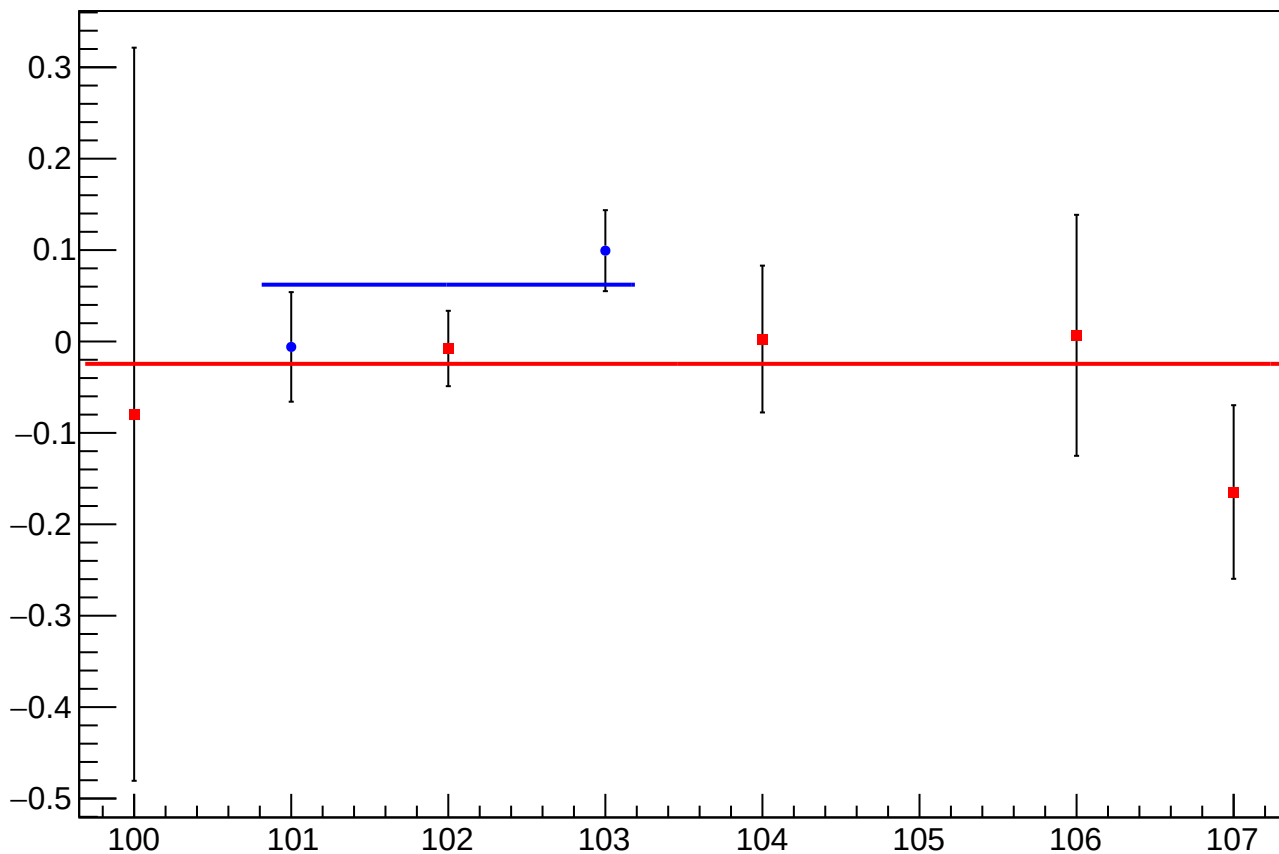
asym_sam_3748_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1730.6/1
 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 : 392660.8/6
 In: 0.000+/-0.000 χ^2/NDF : 1730.6/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 392660.8/6

asym_sam_3748_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.062 $\pm$ 0.036 χ^2 /NDF: 2.0/1

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

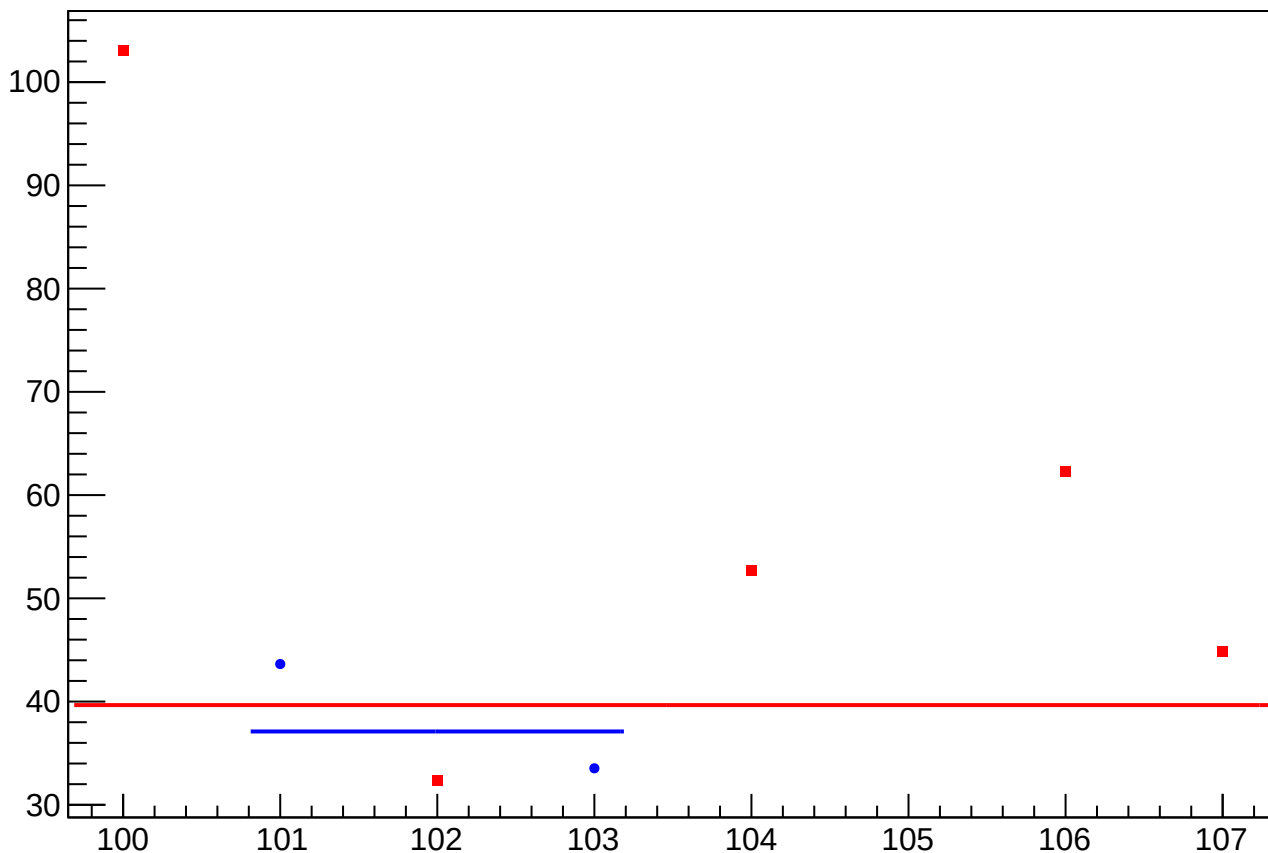
Right: 0.016 $\pm$ 0.024 χ^2 /NDF: 7.7/6

In: 0.062 $\pm$ 0.036 χ^2 /NDF:2.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.016 $\pm$ 0.024 χ^2 /NDF: 7.7/6

asym_sam_3748_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.105+/-0.025 χ^2/NDF : 36710.1/1

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

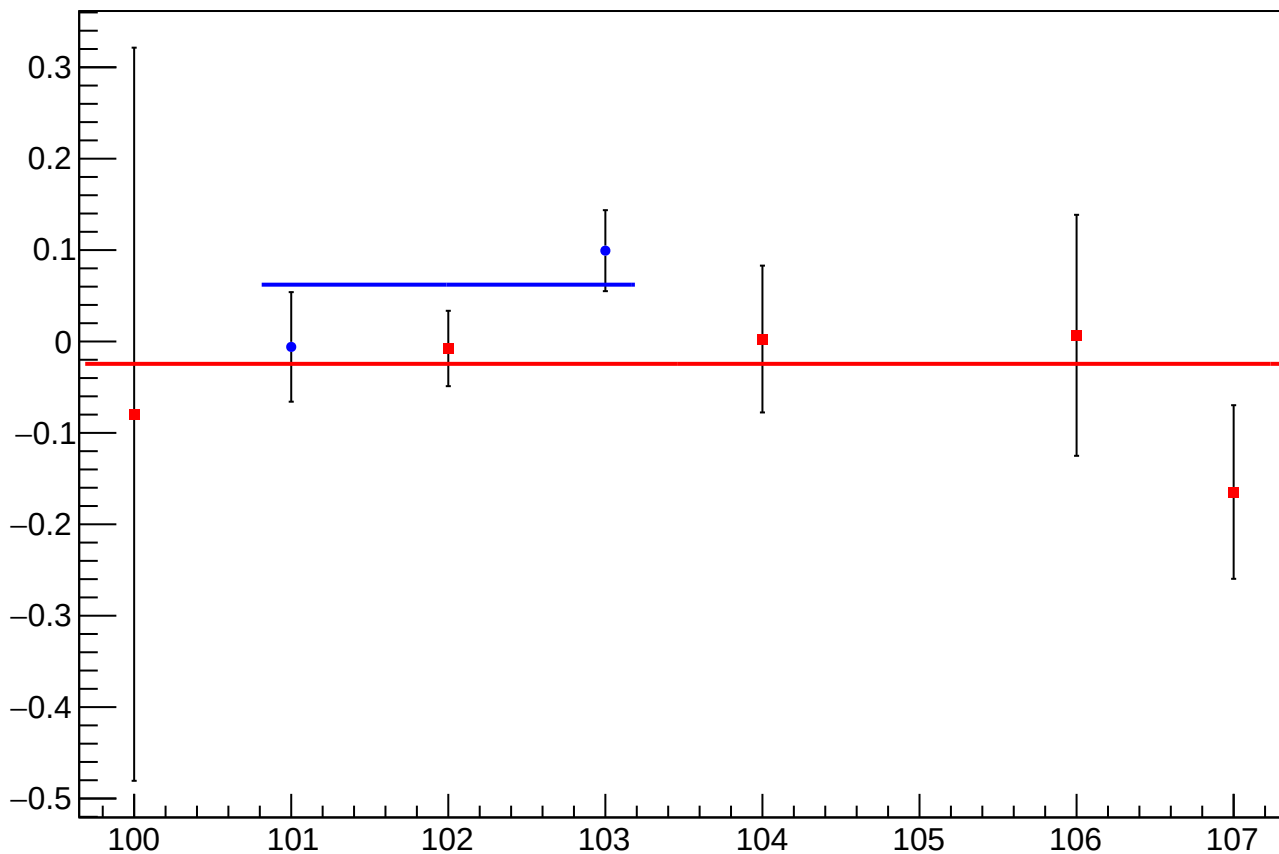
Right: 38.479+/-0.017 χ^2/NDF : 272577.7/6

In: 37.105+/-0.025 χ^2/NDF : 36710.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.479+/-0.017 χ^2/NDF : 272577.7/6

asym_sam_3748_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.062 $\pm$ 0.036 χ^2 /NDF: 2.0/1

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

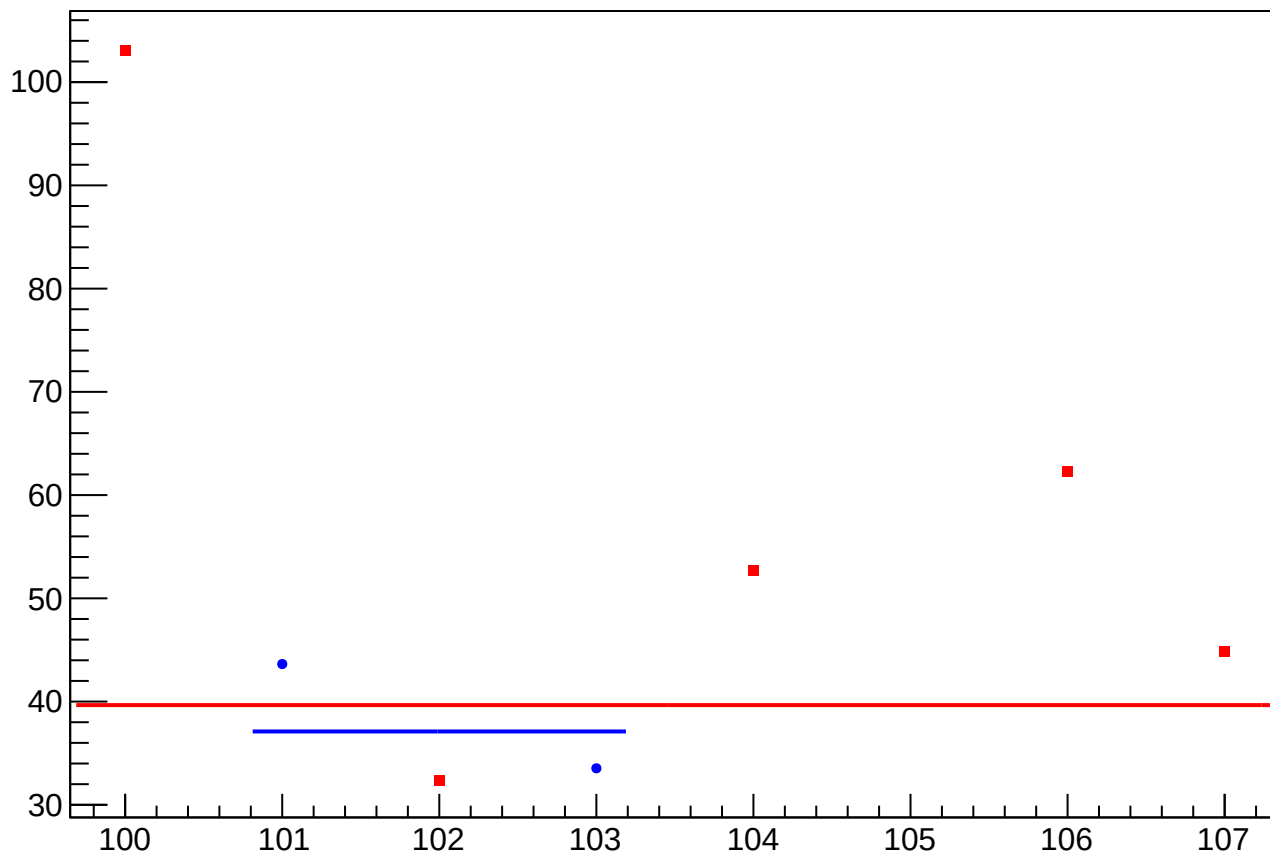
Right: 0.016 $\pm$ 0.024 χ^2 /NDF: 7.7/6

In: 0.062 $\pm$ 0.036 χ^2 /NDF:2.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.016 $\pm$ 0.024 χ^2 /NDF: 7.7/6

asym_sam_3748_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.105+/-0.025 χ^2/NDF : 36710.1/1

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

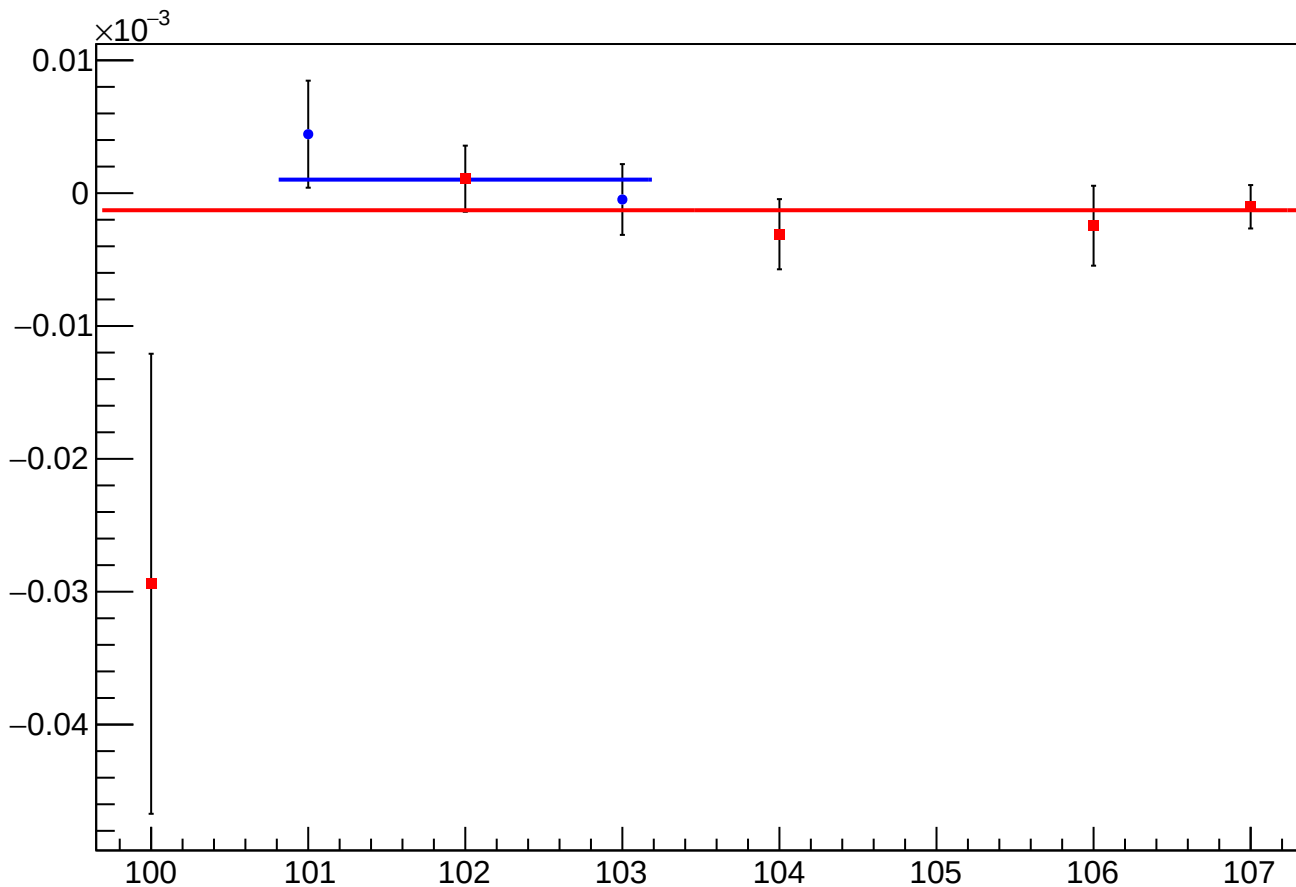
Right: 38.479+/-0.017 χ^2/NDF : 272577.7/6

In: 37.105+/-0.025 χ^2/NDF : 36710.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.479+/-0.017 χ^2/NDF : 272577.7/6

asym_sam_3748_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.0/1

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

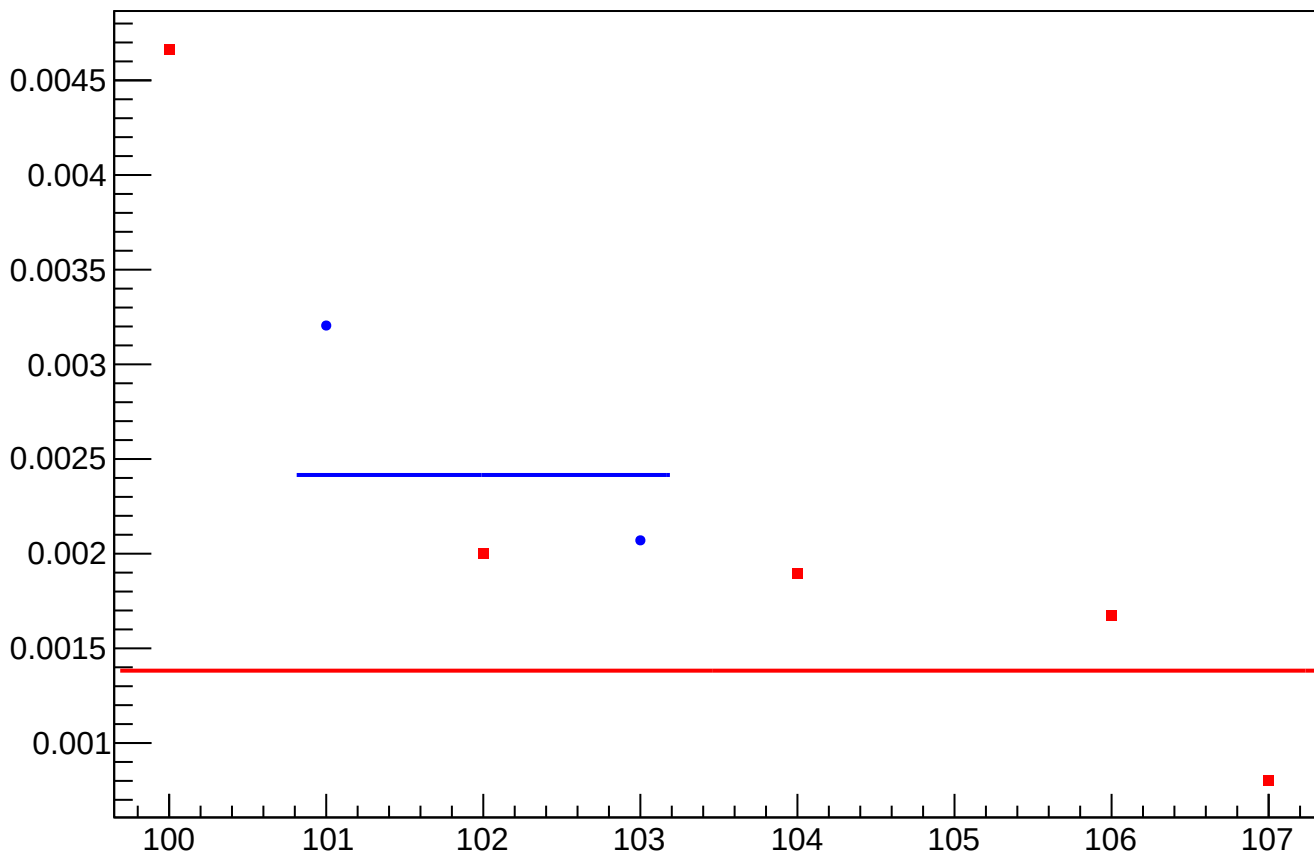
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.1/6

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.1/6

asym_sam_3748_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 110353.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.000 χ^2 /NDF: 543307.3/4

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

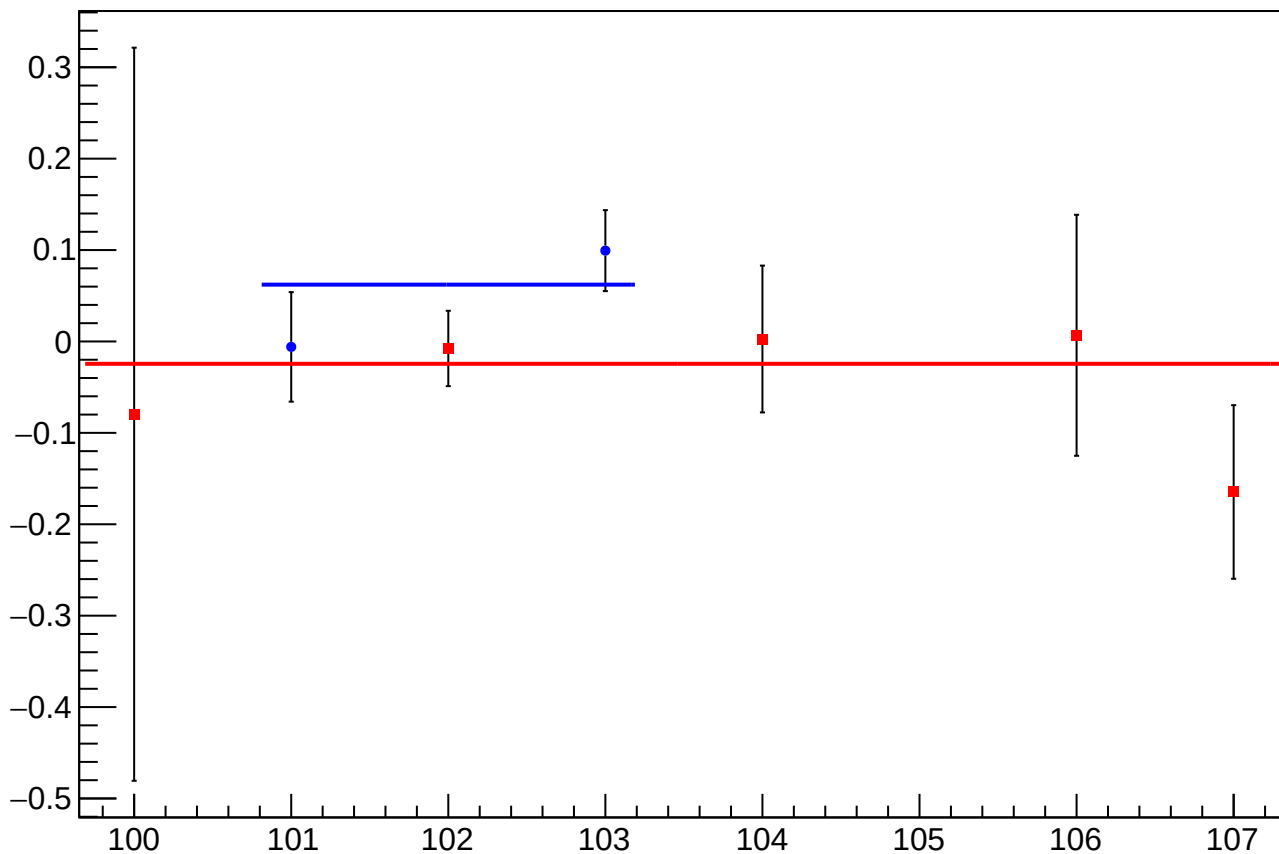
Right: 0.002 $\pm$ 0.000 χ^2 /NDF: 998294.3/6

In: 0.002 $\pm$ 0.000 χ^2 /NDF:110353.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 998294.3/6

asym_sam_3748_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.062 $\pm$ 0.036 χ^2 /NDF: 2.0/1

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

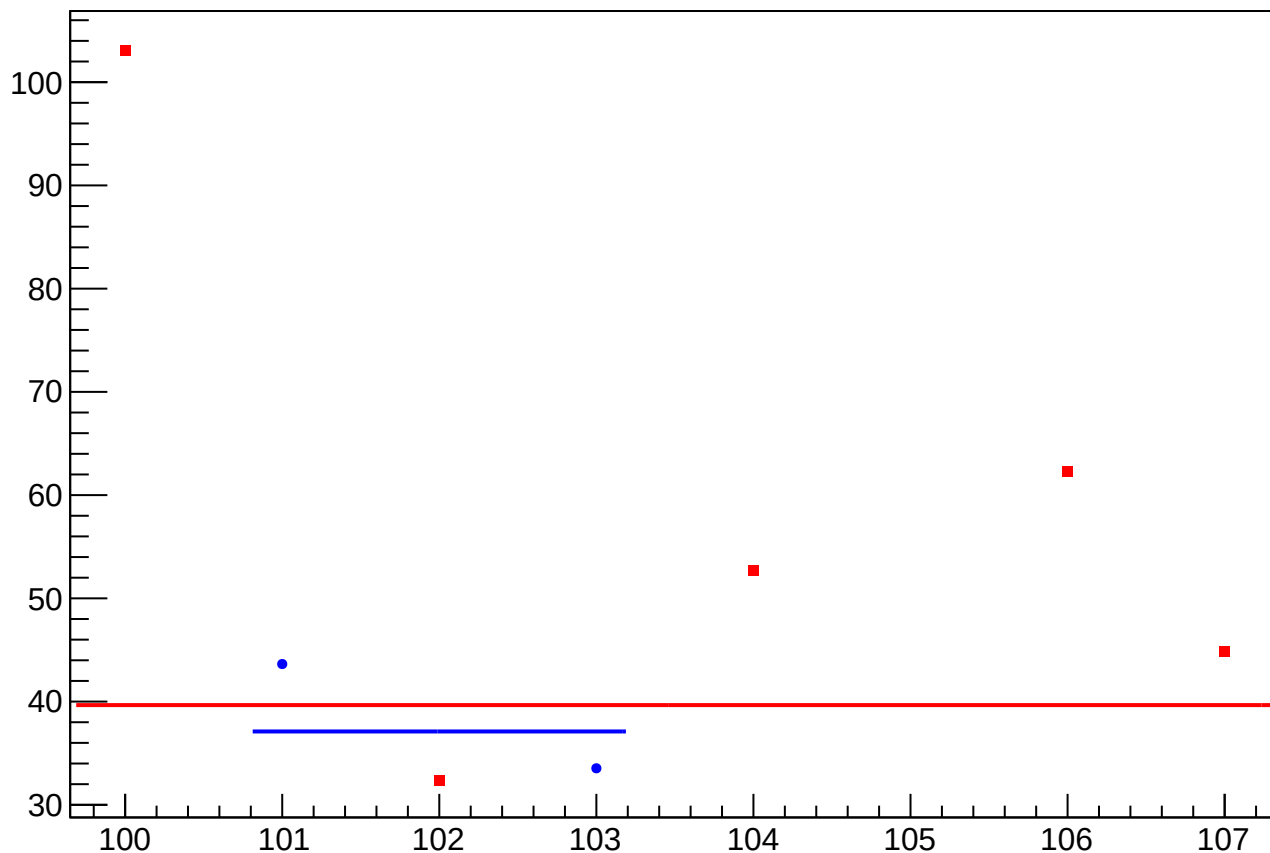
Right: 0.016 $\pm$ 0.024 χ^2 /NDF: 7.7/6

In: 0.062 $\pm$ 0.036 χ^2 /NDF:2.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.016 $\pm$ 0.024 χ^2 /NDF: 7.7/6

asym_sam_3748_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.106+/-0.025 χ^2/NDF : 36717.8/1

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

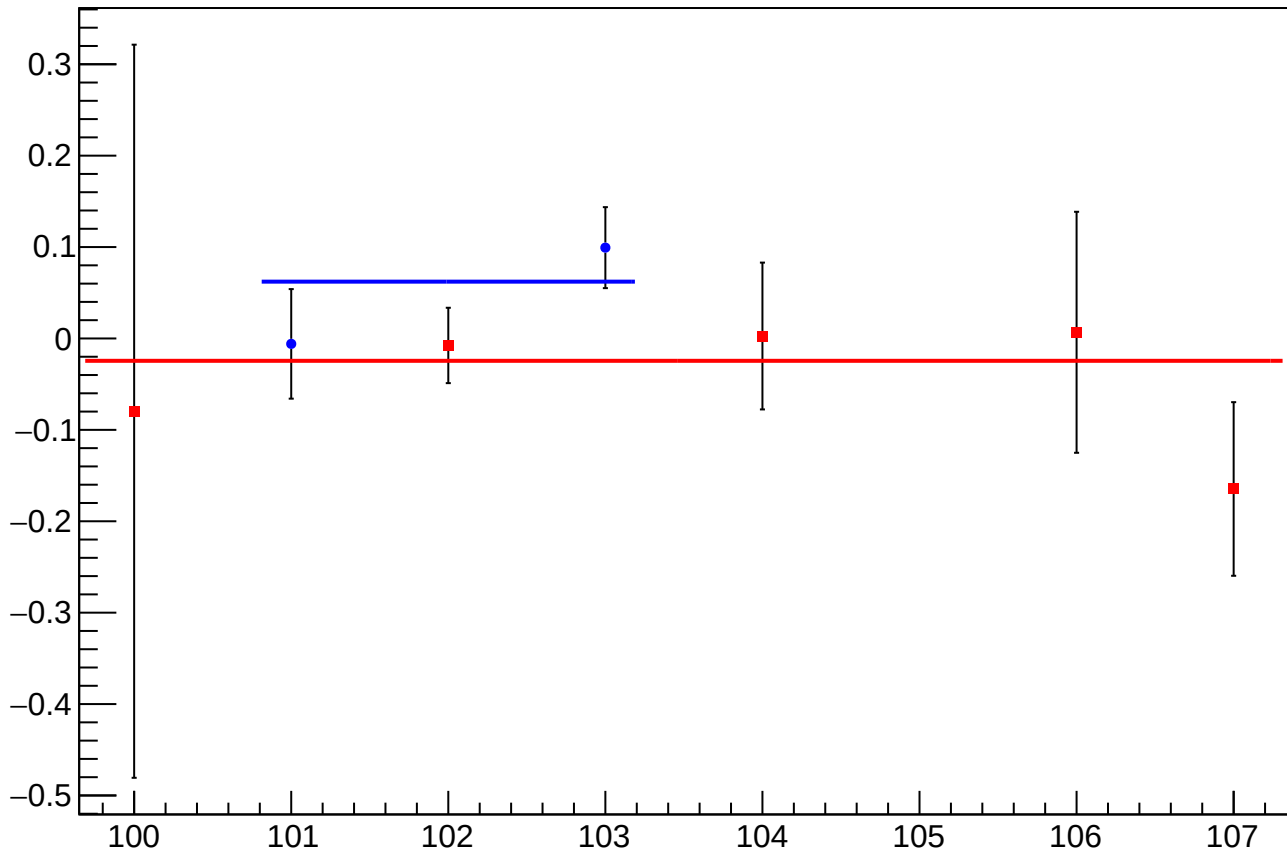
Right: 38.480+/-0.017 χ^2/NDF : 272586.6/6

In: 37.106+/-0.025 χ^2/NDF : 36717.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.480+/-0.017 χ^2/NDF : 272586.6/6

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.062 $\pm$ 0.036 χ^2 /NDF: 2.0/1

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

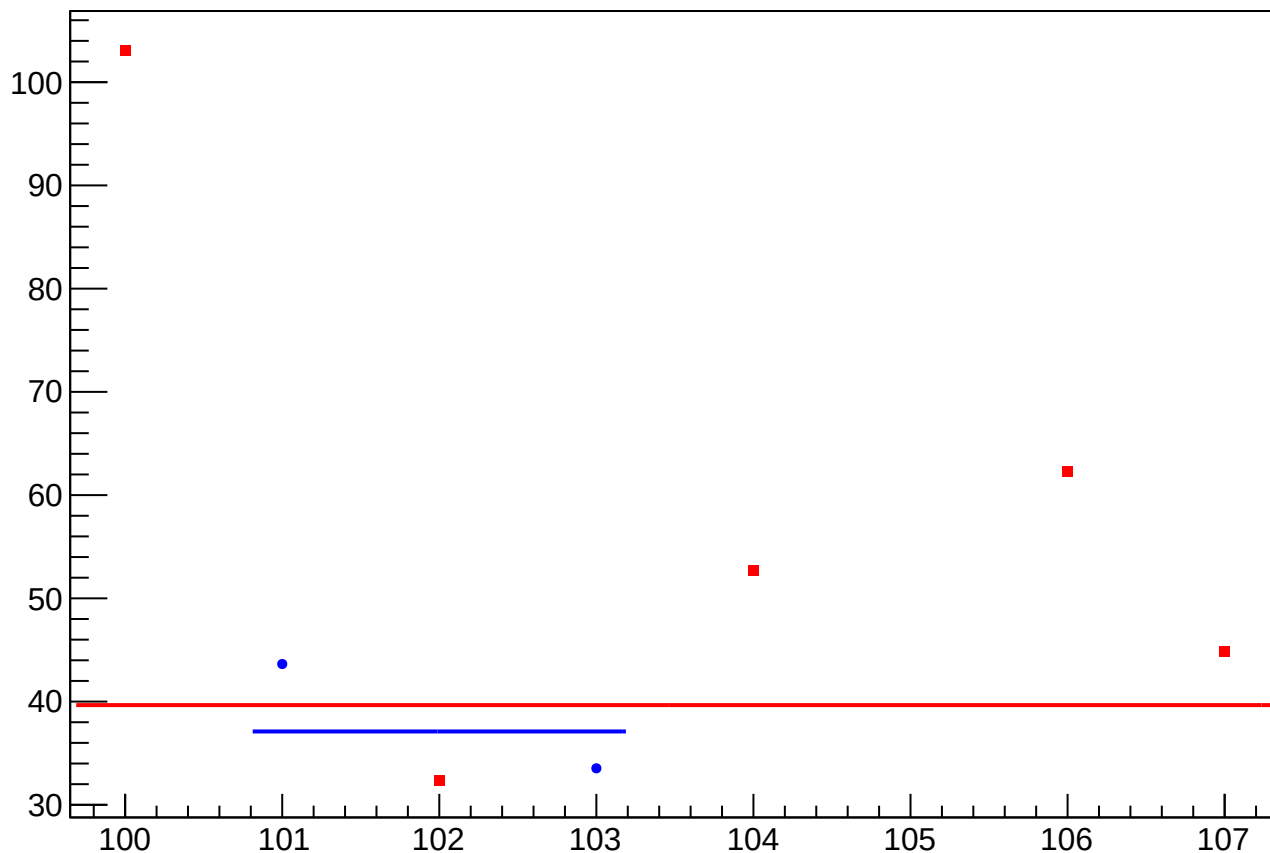
Right: 0.016 $\pm$ 0.024 χ^2 /NDF: 7.7/6

In: 0.062 $\pm$ 0.036 χ^2 /NDF:2.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.016 $\pm$ 0.024 χ^2 /NDF: 7.7/6

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.106+/-0.025 χ^2/NDF : 36717.8/1

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

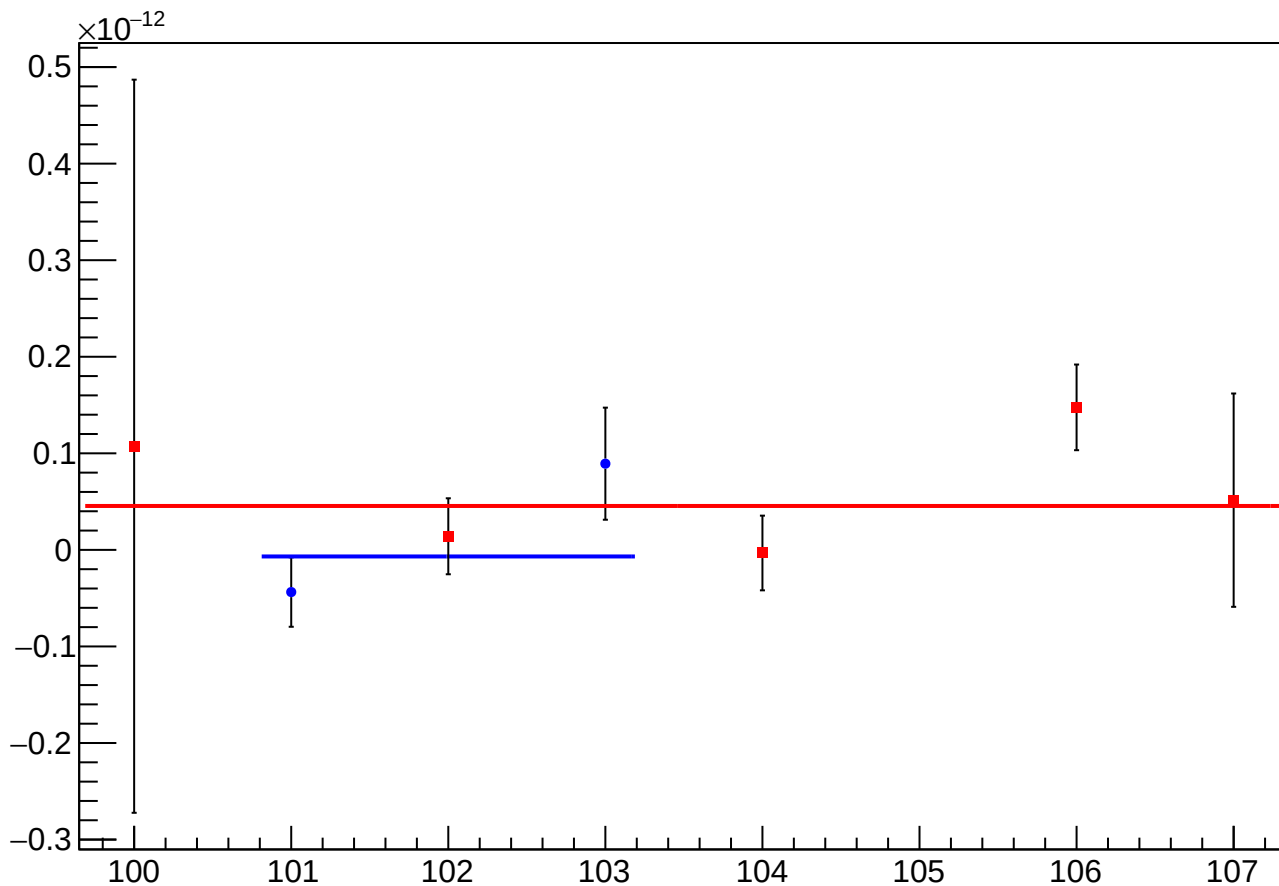
Right: 38.480+/-0.017 χ^2/NDF : 272586.6/6

In: 37.106+/-0.025 χ^2/NDF : 36717.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.480+/-0.017 χ^2/NDF : 272586.6/6

asym_sam_3748_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.8/1

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

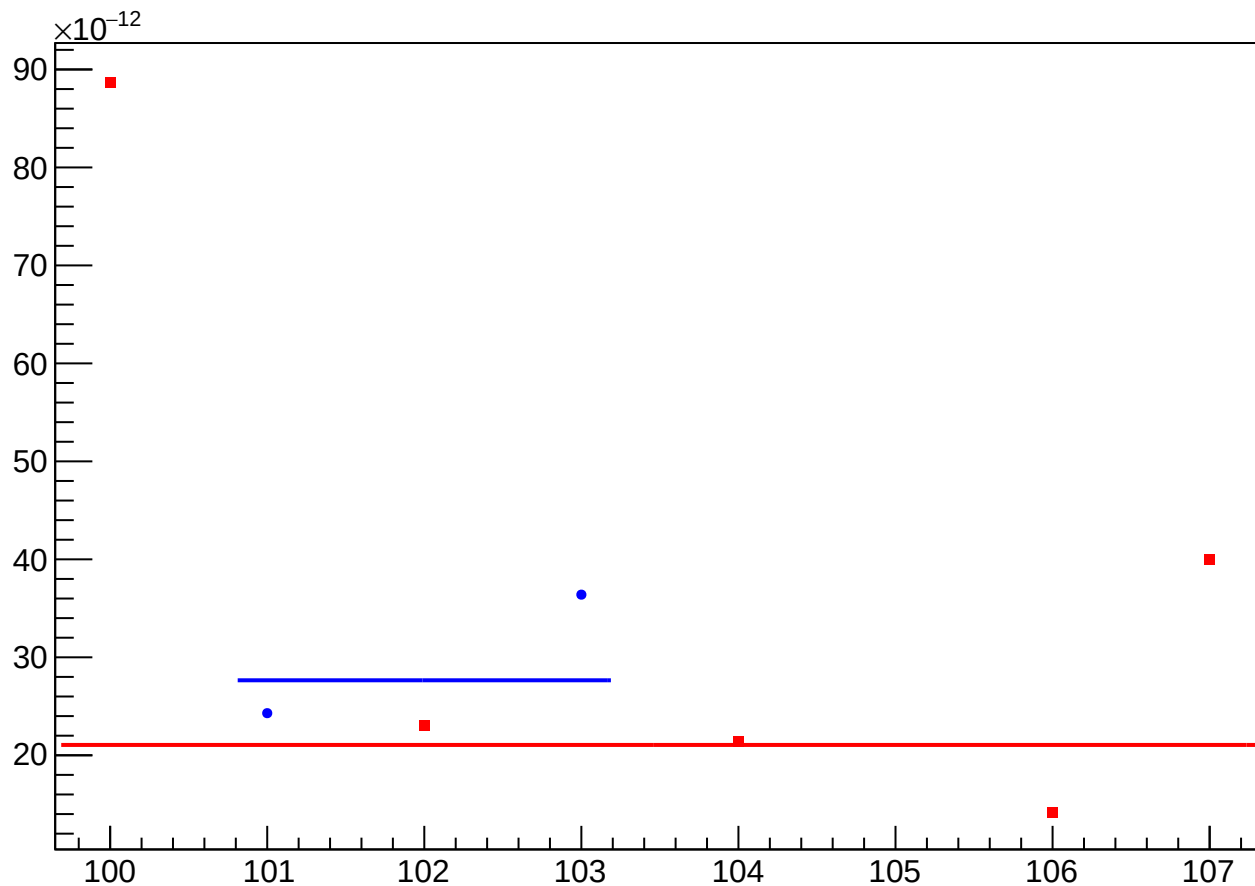
Right: 0.000+/-0.000 χ^2/NDF : 13.2/6

In: -0.000+/-0.000 χ^2/NDF : 3.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.2/6

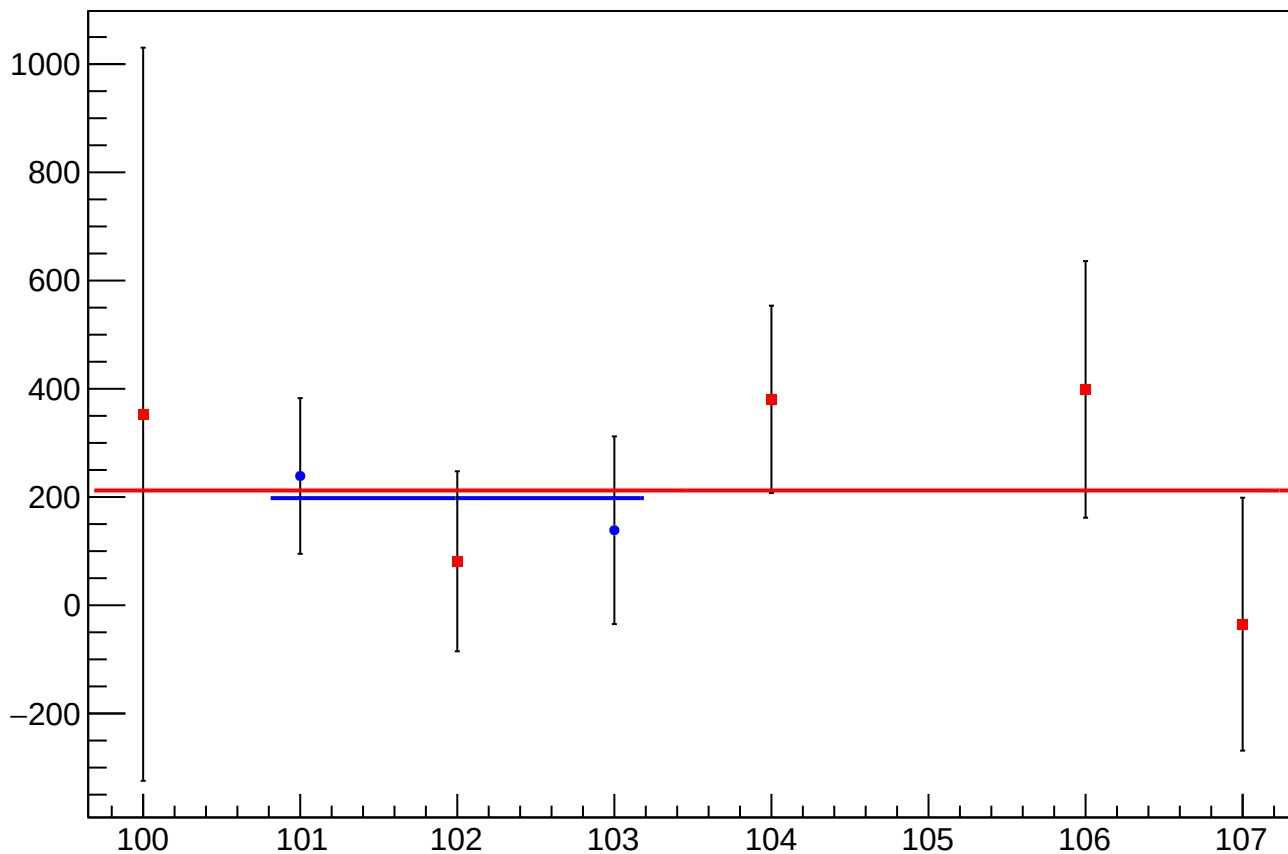
asym_sam_3748_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 62784.5/1
 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 : 298357.2/6
 In: 0.000+/-0.000 χ^2/NDF : 62784.5/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 298357.2/6

reg_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 197.975 $\pm$ 110.757 χ^2 /NDF: 0.2/1

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

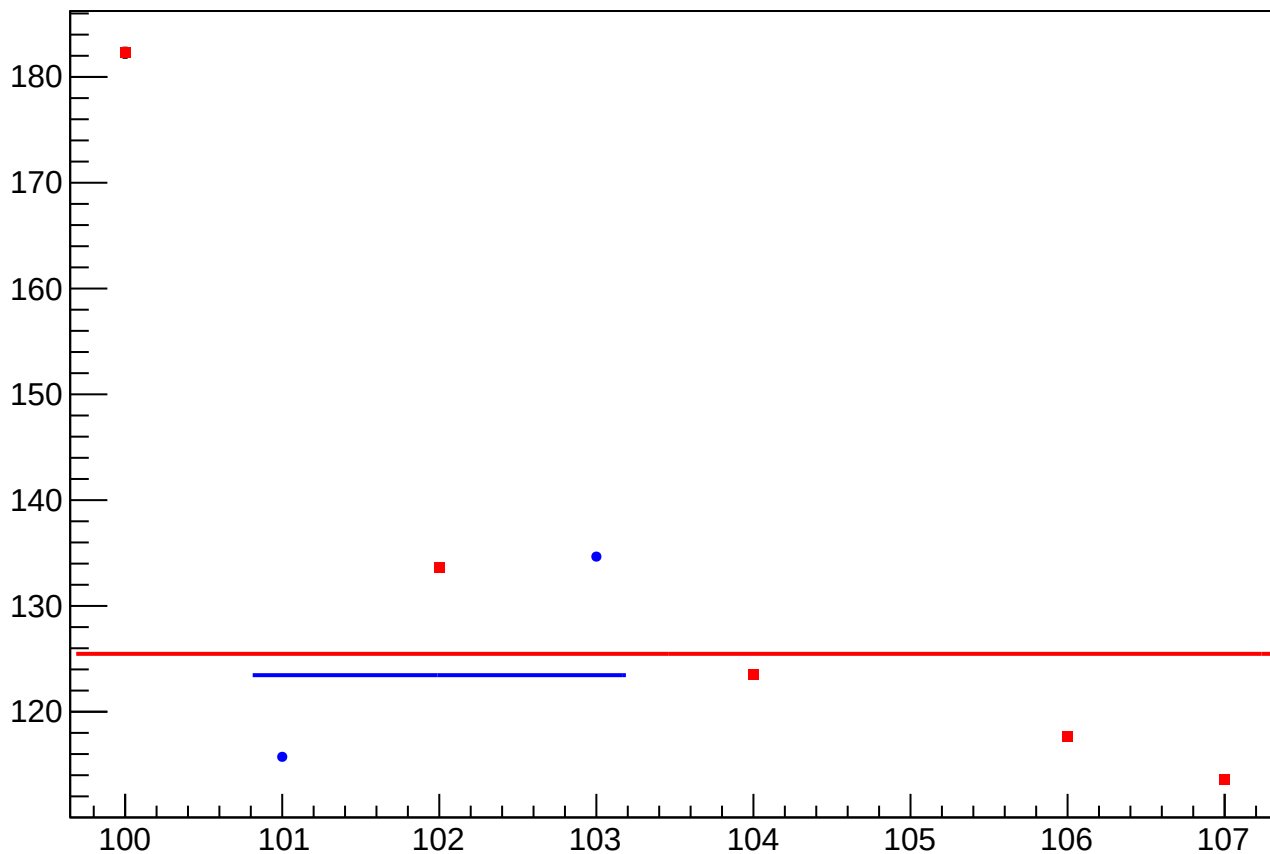
Right: 206.008 $\pm$ 72.675 χ^2 /NDF: 3.6/6

In: 197.975 $\pm$ 110.757 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 206.008 $\pm$ 72.675 χ^2 /NDF: 3.6/6

reg_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 123.456+/-0.078 χ^2/NDF : 14103.2/1

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

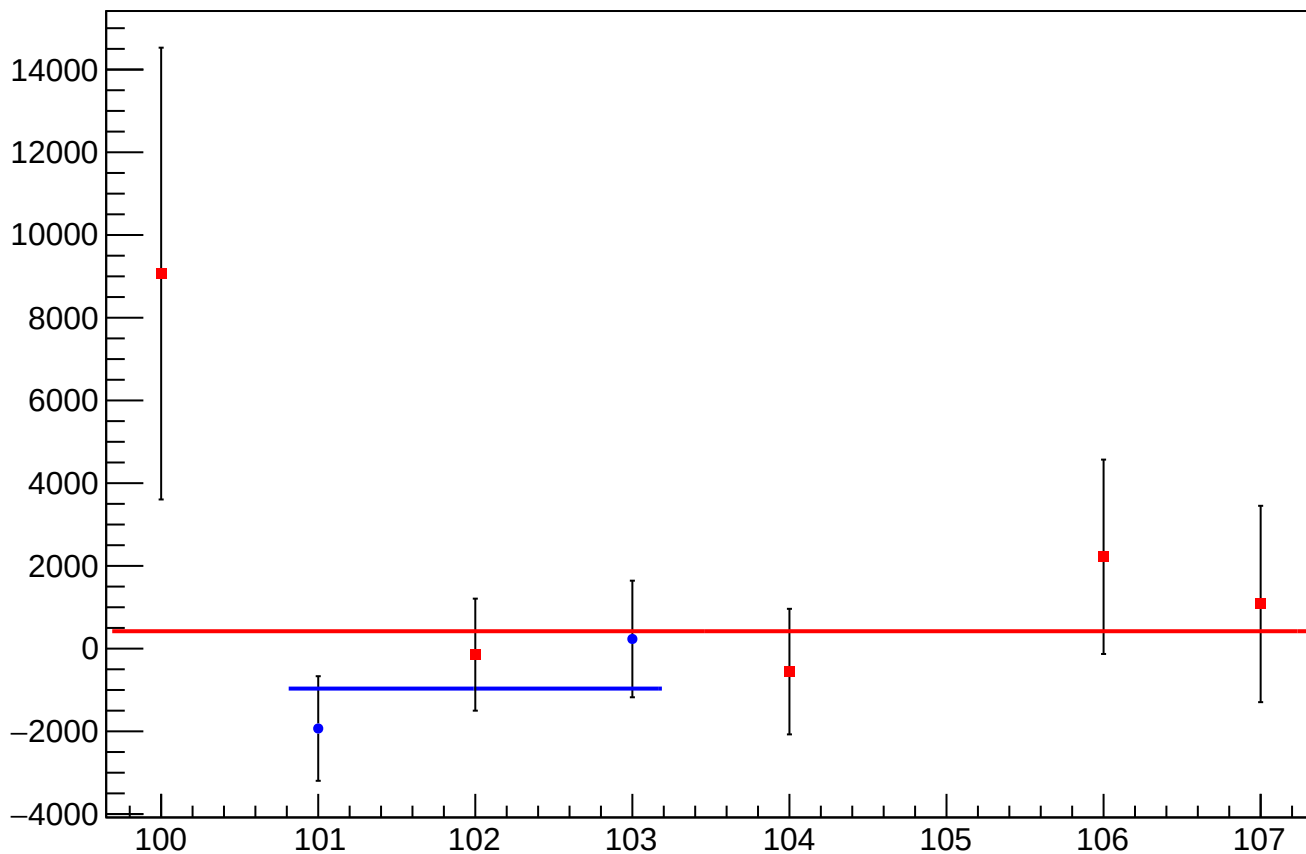
Right: 124.604+/-0.051 χ^2/NDF : 40922.9/6

In: 123.456+/-0.078 χ^2/NDF : 14103.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.604+/-0.051 χ^2/NDF : 40922.9/6

asym_sam_1526_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -966.259+/-941.182 χ^2/NDF : 1.3/1

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

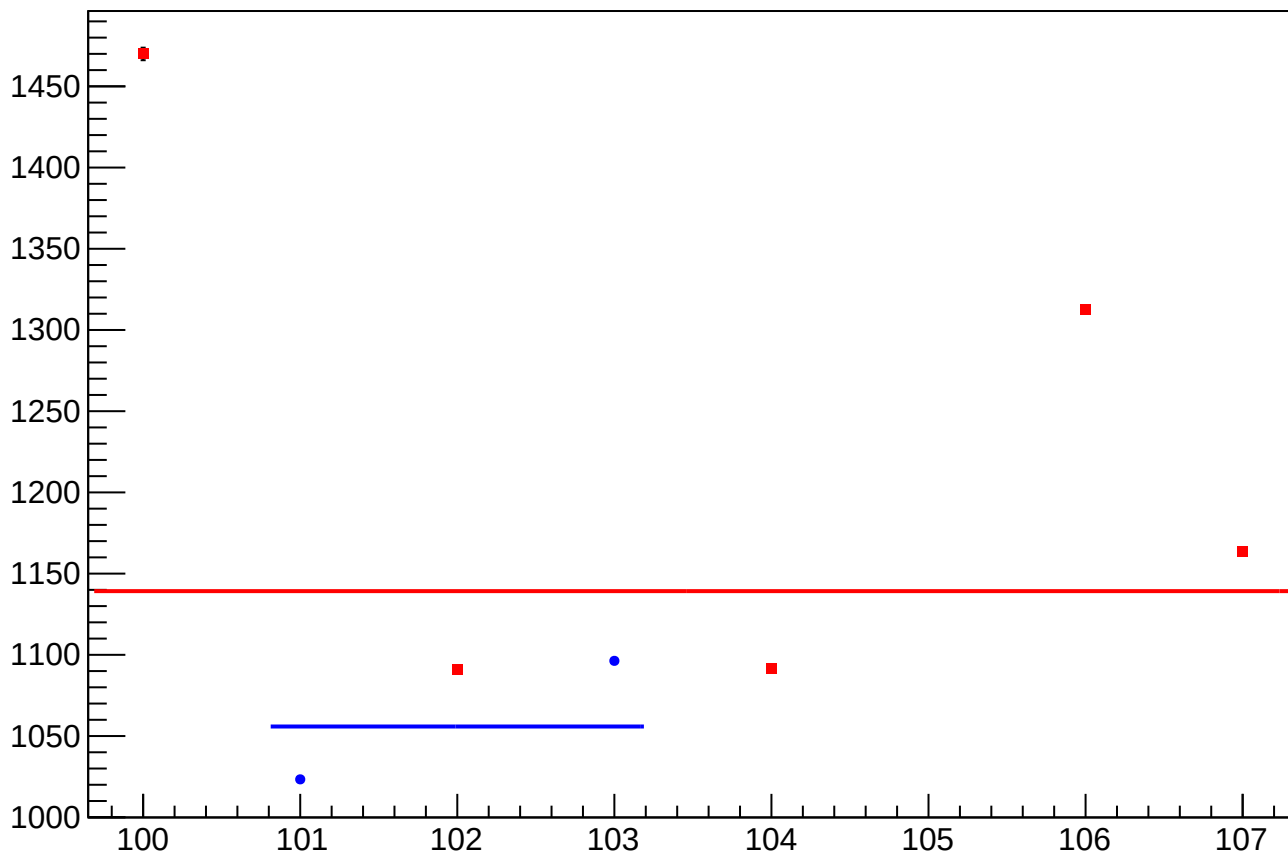
Right: -205.525+/-632.399 χ^2/NDF : 6.3/6

In: -966.259+/-941.182 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -205.525+/-632.399 χ^2/NDF : 6.3/6

asym_sam_1526_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1055.869+/-0.666 χ^2/NDF : 2969.5/1

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

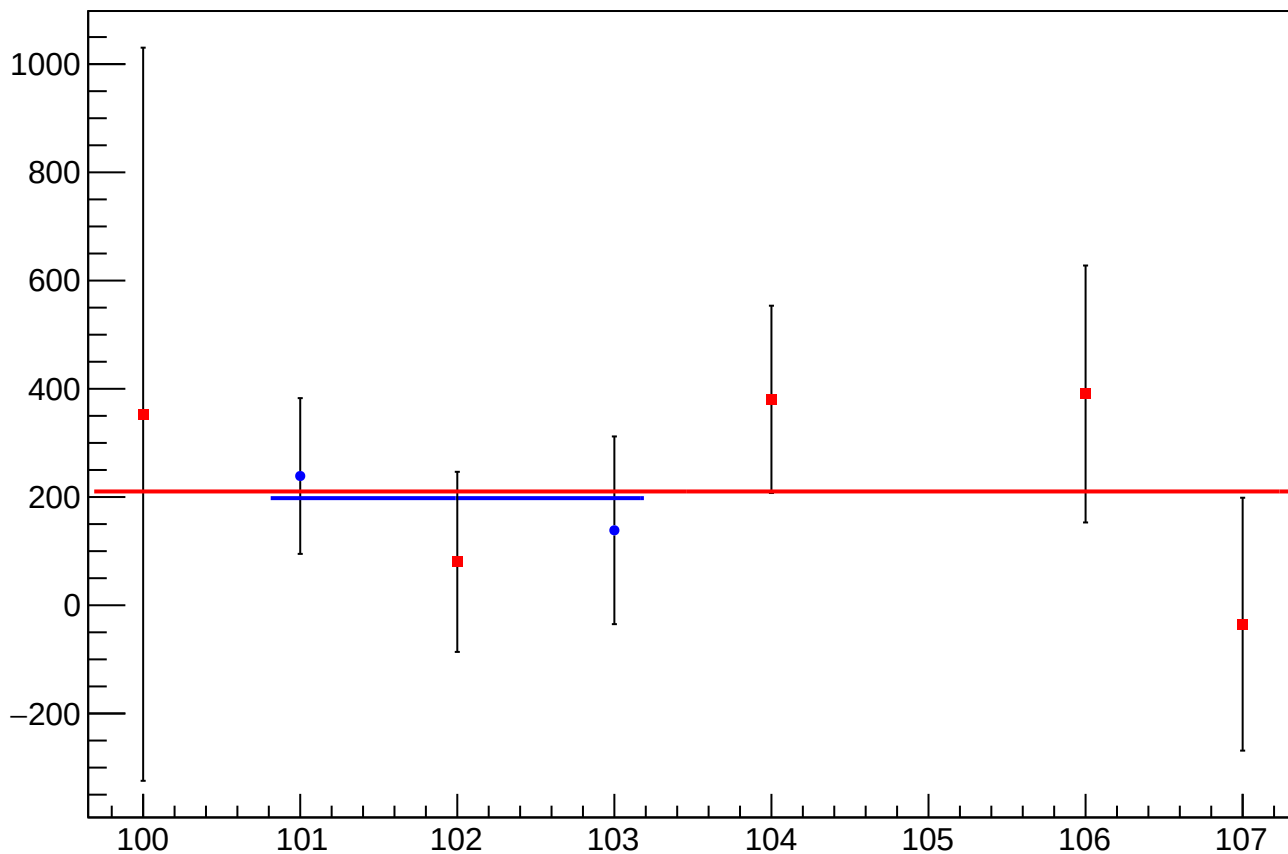
Right: 1101.588+/-0.447 χ^2/NDF : 34552.4/6

In: 1055.869+/-0.666 χ^2/NDF : 2969.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1101.588+/-0.447 χ^2/NDF : 34552.4/6

cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 197.945 $\pm$ 110.757 χ^2 /NDF: 0.2/1

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

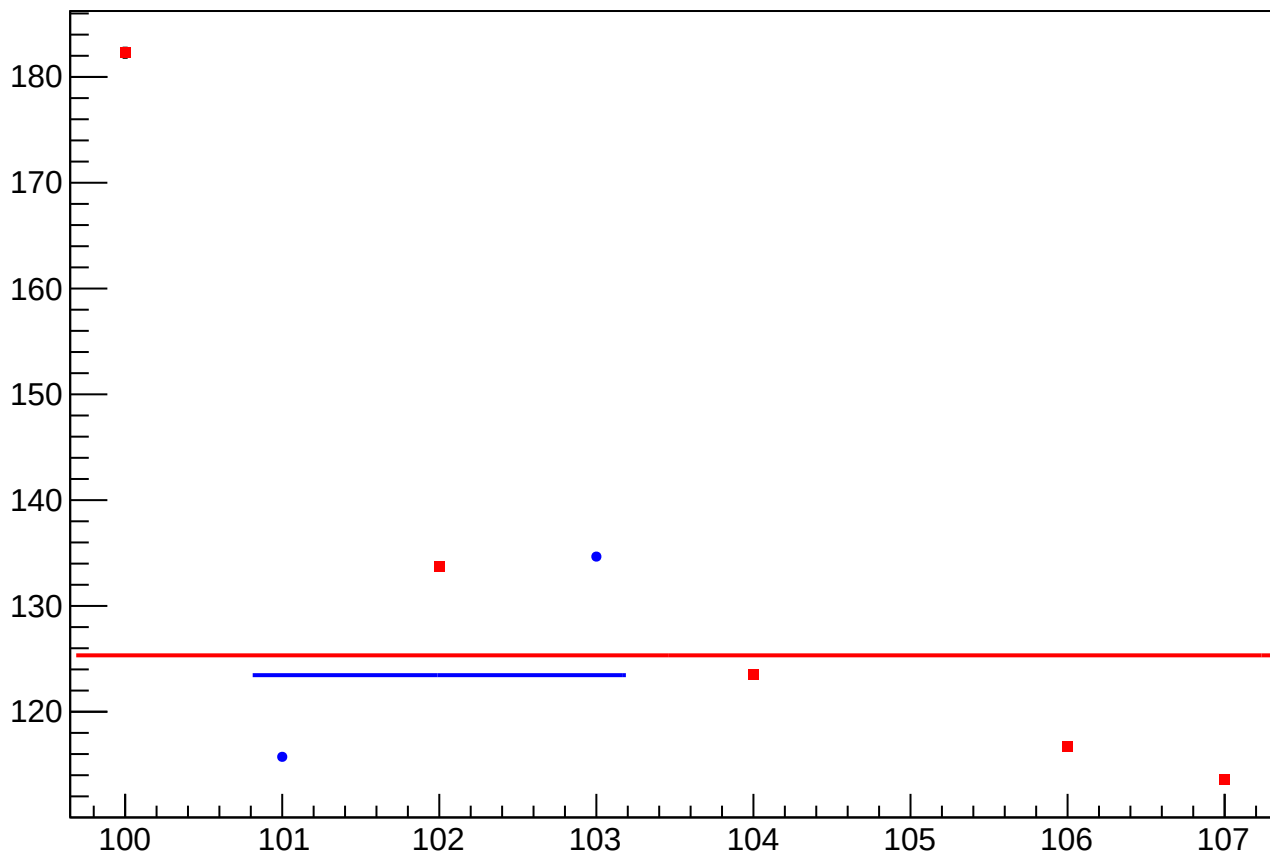
Right: 204.969 $\pm$ 72.691 χ^2 /NDF: 3.5/6

In: 197.945 $\pm$ 110.757 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 204.969 $\pm$ 72.691 χ^2 /NDF: 3.5/6

cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 123.456+/-0.078 χ^2/NDF : 14103.9/1

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

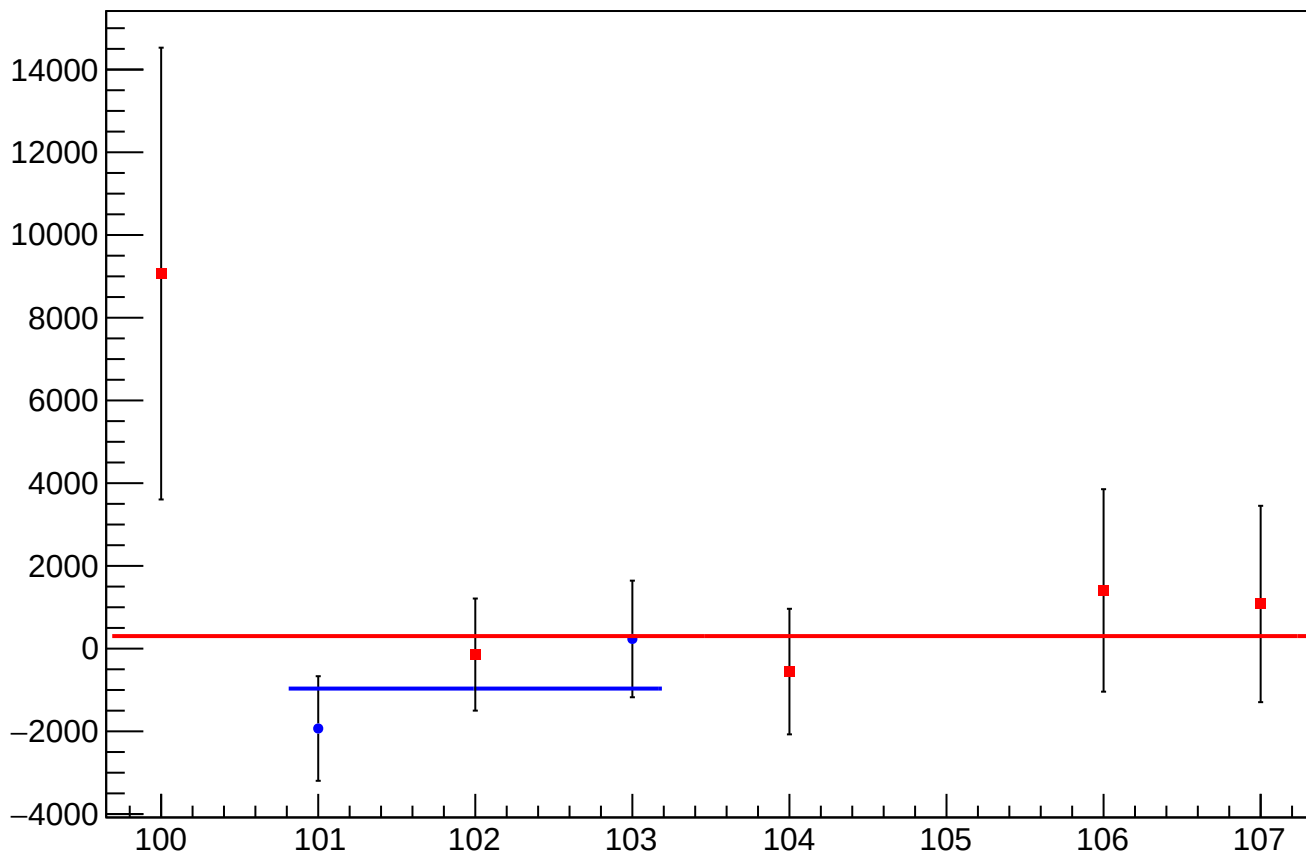
Right: 124.523+/-0.051 χ^2/NDF : 41537.4/6

In: 123.456+/-0.078 χ^2/NDF : 14103.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.523+/-0.051 χ^2/NDF : 41537.4/6

asym_sam_1526_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -966.028+/-941.206 χ^2/NDF : 1.3/1

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

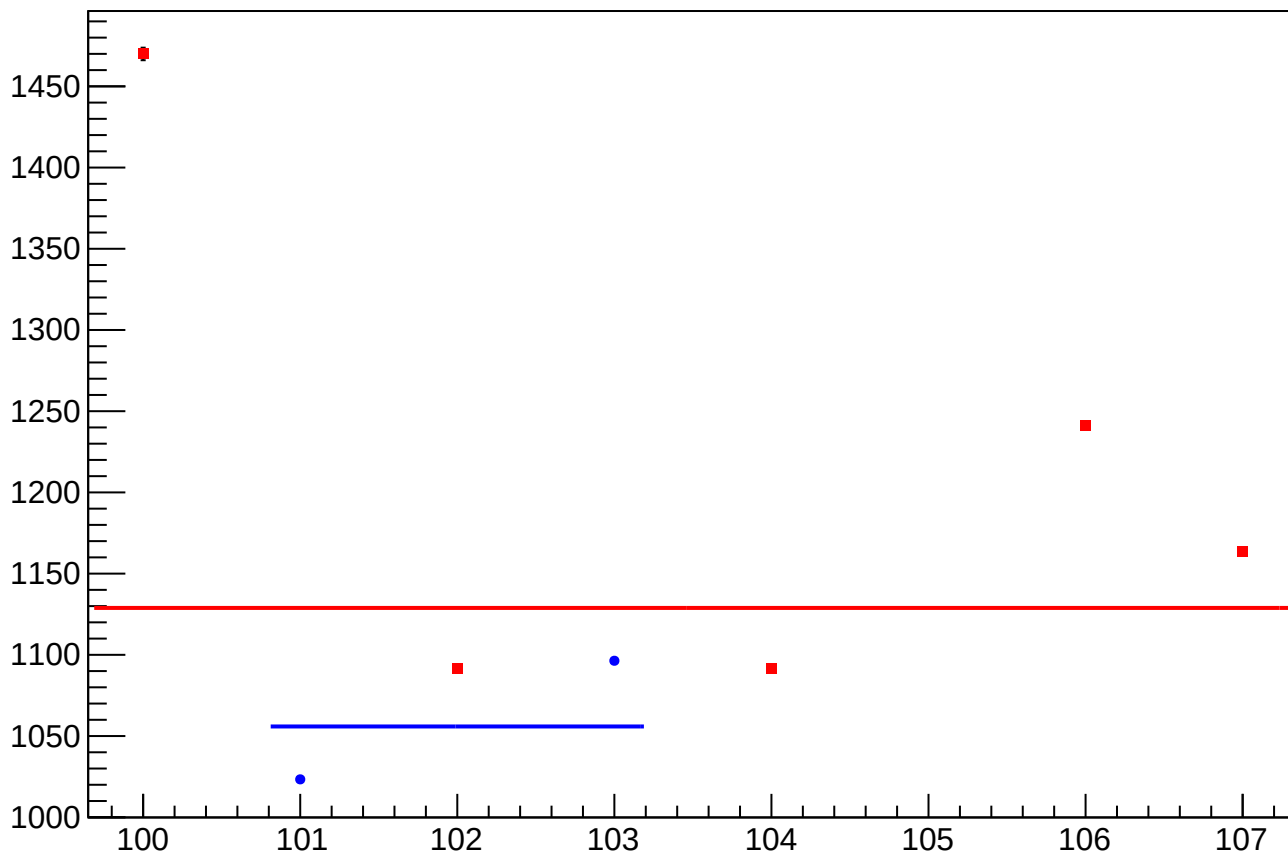
Right: -273.414+/-634.313 χ^2/NDF : 5.6/6

In: -966.028+/-941.206 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -273.414+/-634.313 χ^2/NDF : 5.6/6

asym_sam_1526_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1055.893+/-0.666 χ^2/NDF : 2973.6/1

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

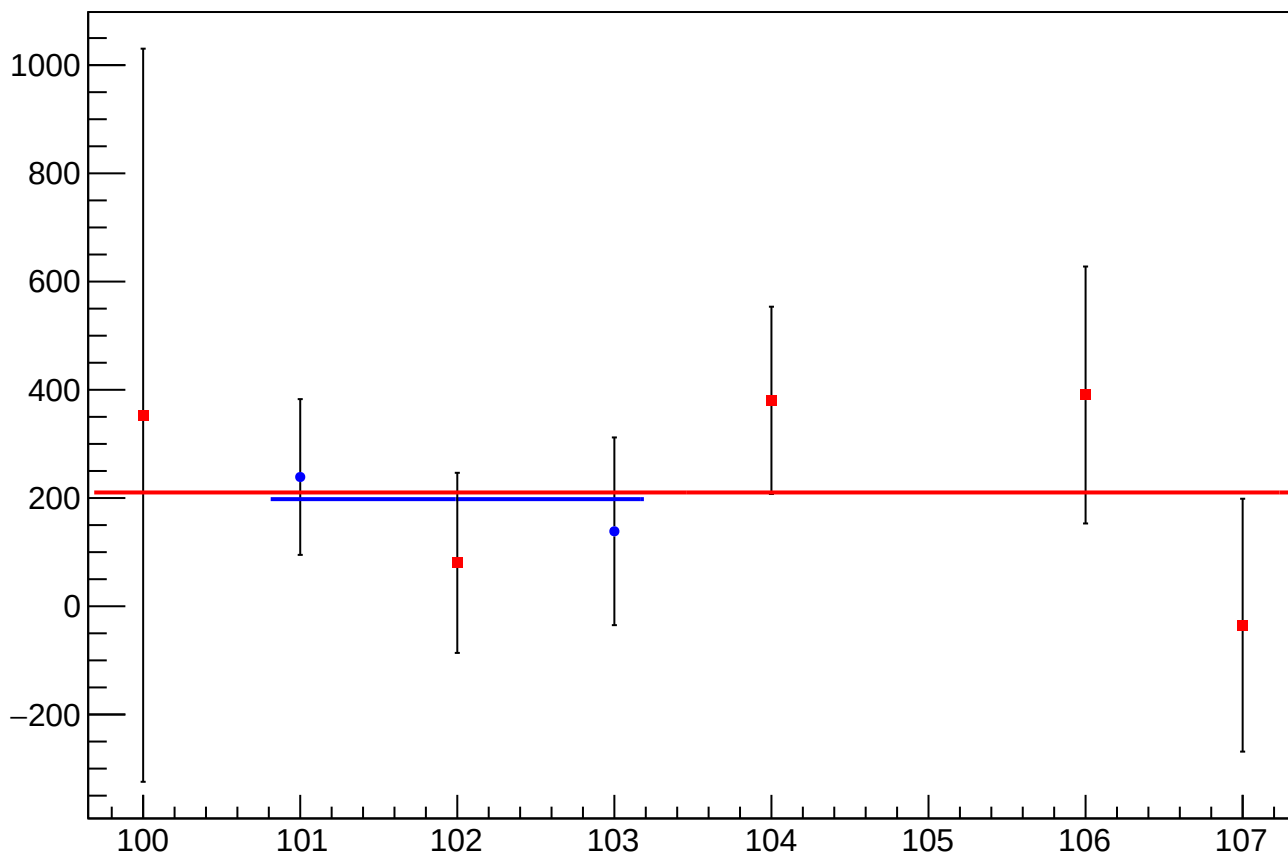
Right: 1095.729+/-0.449 χ^2/NDF : 24663.6/6

In: 1055.893+/-0.666 χ^2/NDF : 2973.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1095.729+/-0.449 χ^2/NDF : 24663.6/6

eigen_cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 197.945+/-110.757 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 210.284+/-96.344 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

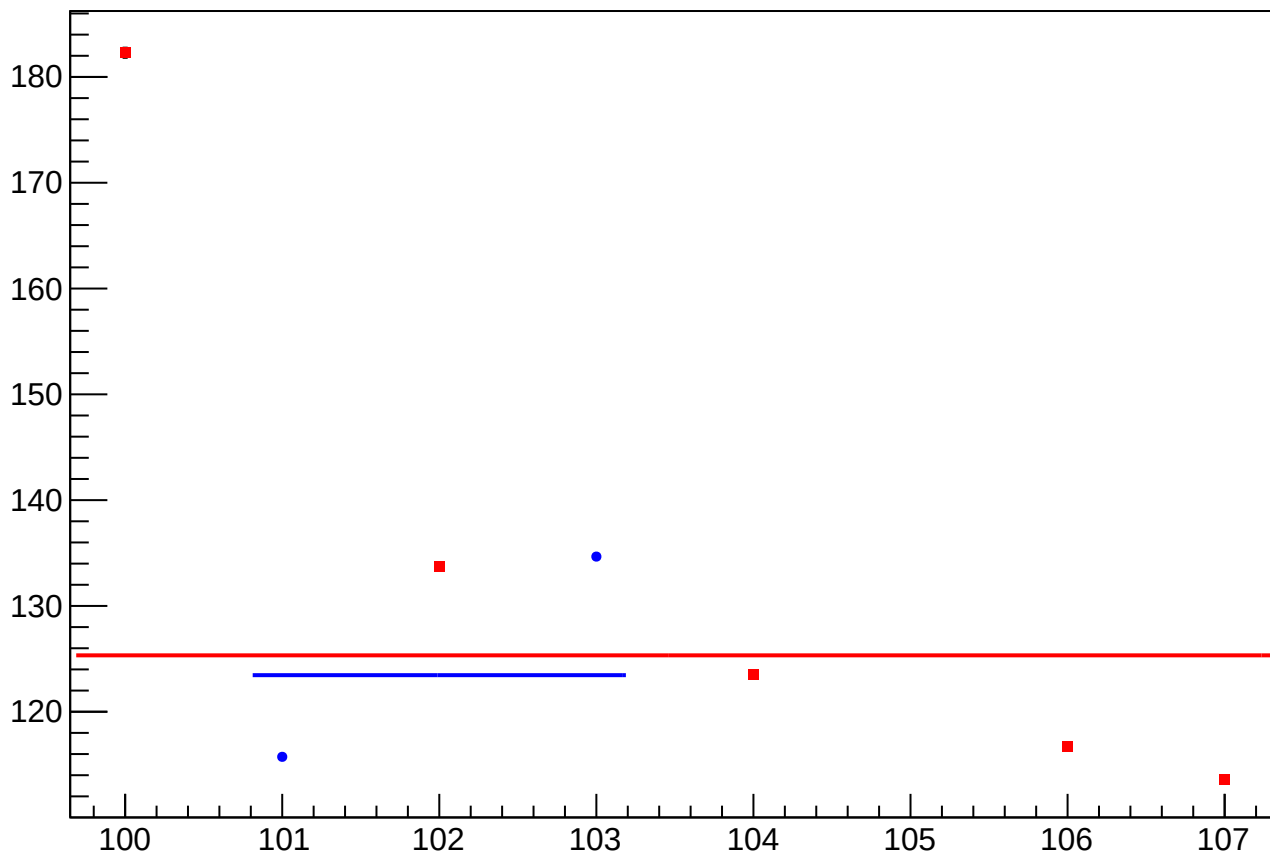
Right: 204.969+/-72.691 χ^2/NDF : 3.5/6

In: 197.945+/-110.757 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 204.969+/-72.691 χ^2/NDF : 3.5/6

eigen_cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 123.456+/-0.078 χ^2/NDF : 14103.9/1

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

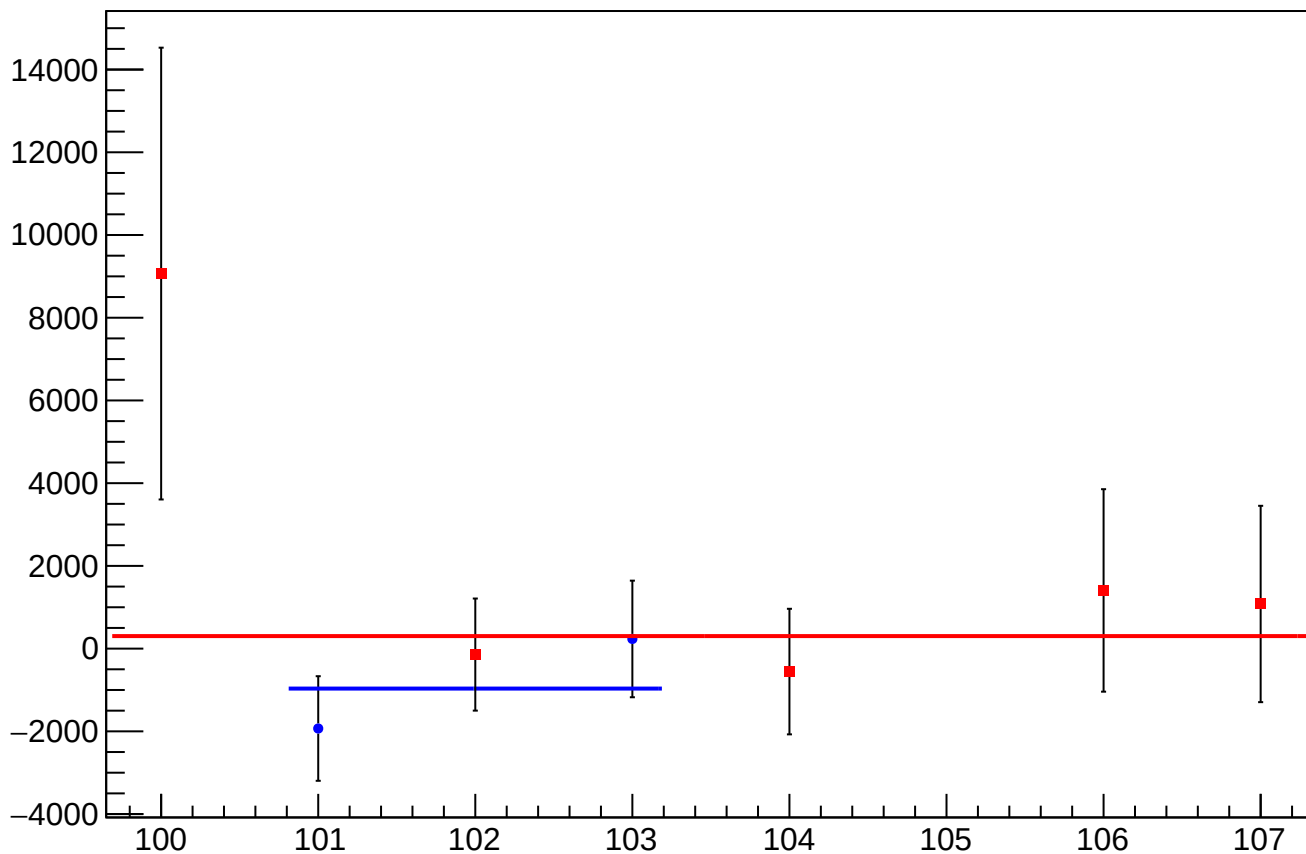
Right: 124.523+/-0.051 χ^2/NDF : 41537.4/6

In: 123.456+/-0.078 χ^2/NDF : 14103.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.523+/-0.051 χ^2/NDF : 41537.4/6

asym_sam_1526_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -966.028+/-941.206 χ^2 /NDF: 1.3/1

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

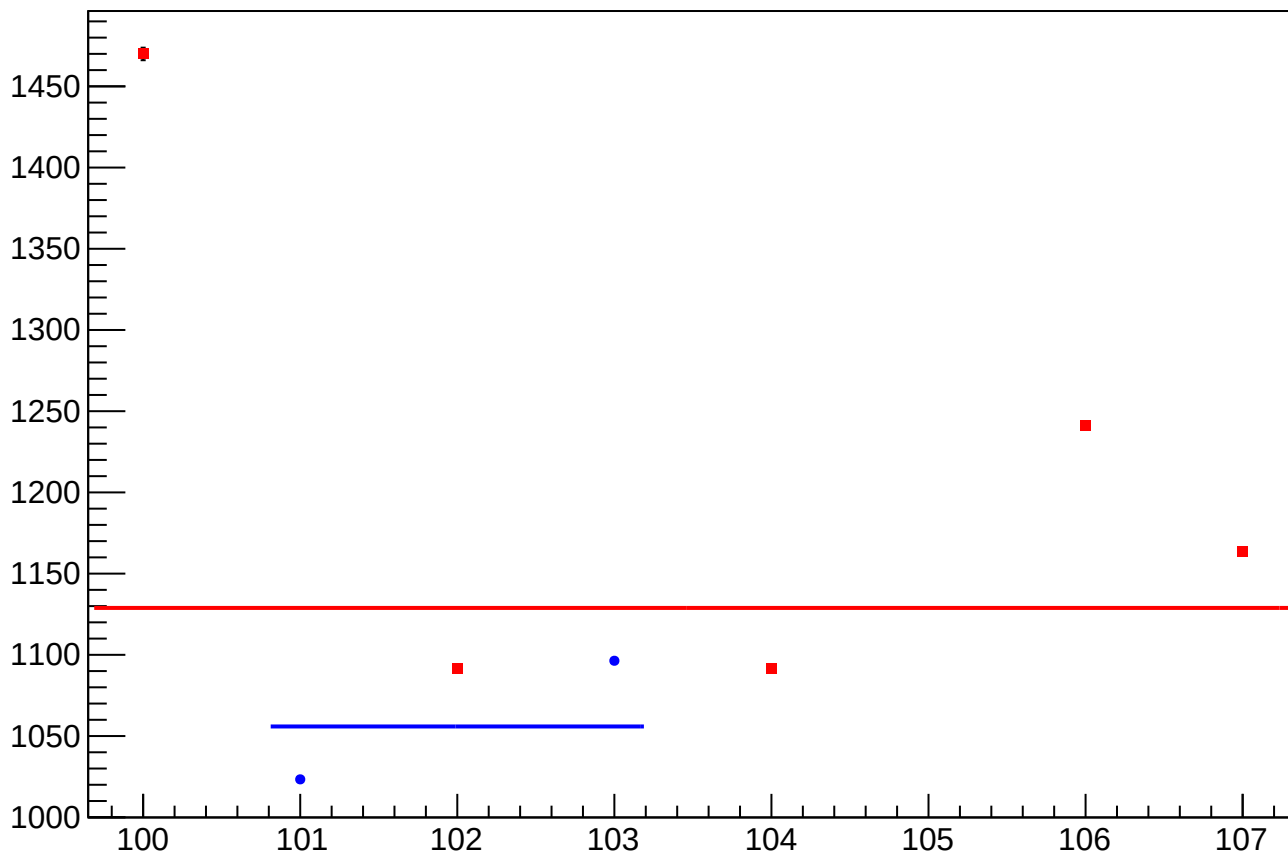
Right: -273.414+/-634.313 χ^2 /NDF: 5.6/6

In: -966.028+/-941.206 χ^2 /NDF: 1.3/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -273.414+/-634.313 χ^2 /NDF: 5.6/6

asym_sam_1526_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1055.893+/-0.666 χ^2/NDF : 2973.6/1

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

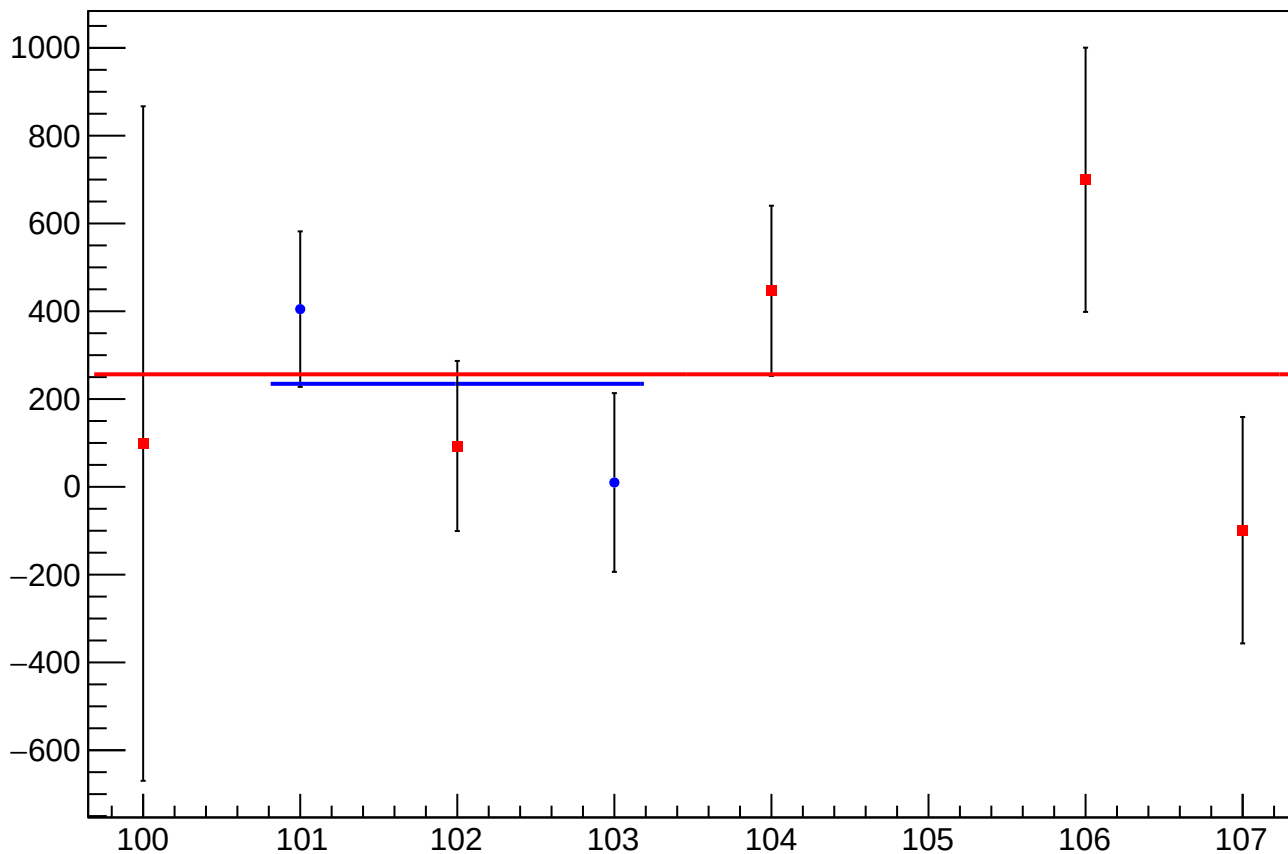
Right: 1095.729+/-0.449 χ^2/NDF : 24663.6/6

In: 1055.893+/-0.666 χ^2/NDF : 2973.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1095.729+/-0.449 χ^2/NDF : 24663.6/6

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 234.719+/-133.629 χ^2/NDF : 2.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 256.356+/-111.097 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

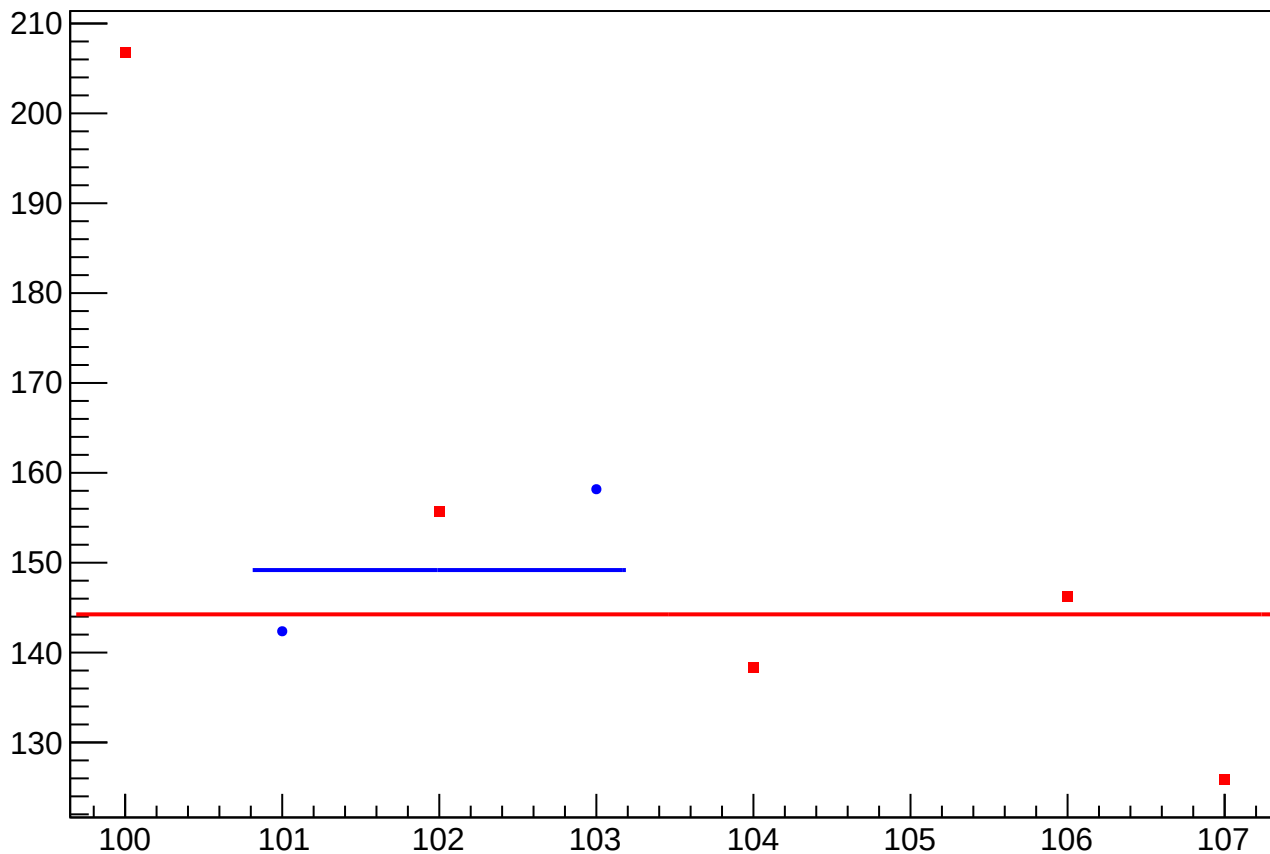
Right: 247.513+/-85.429 χ^2/NDF : 7.9/6

In: 234.719+/-133.629 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 247.513+/-85.429 χ^2/NDF : 7.9/6

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 149.182 $\pm$ 0.094 χ^2 /NDF: 6862.1/1

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

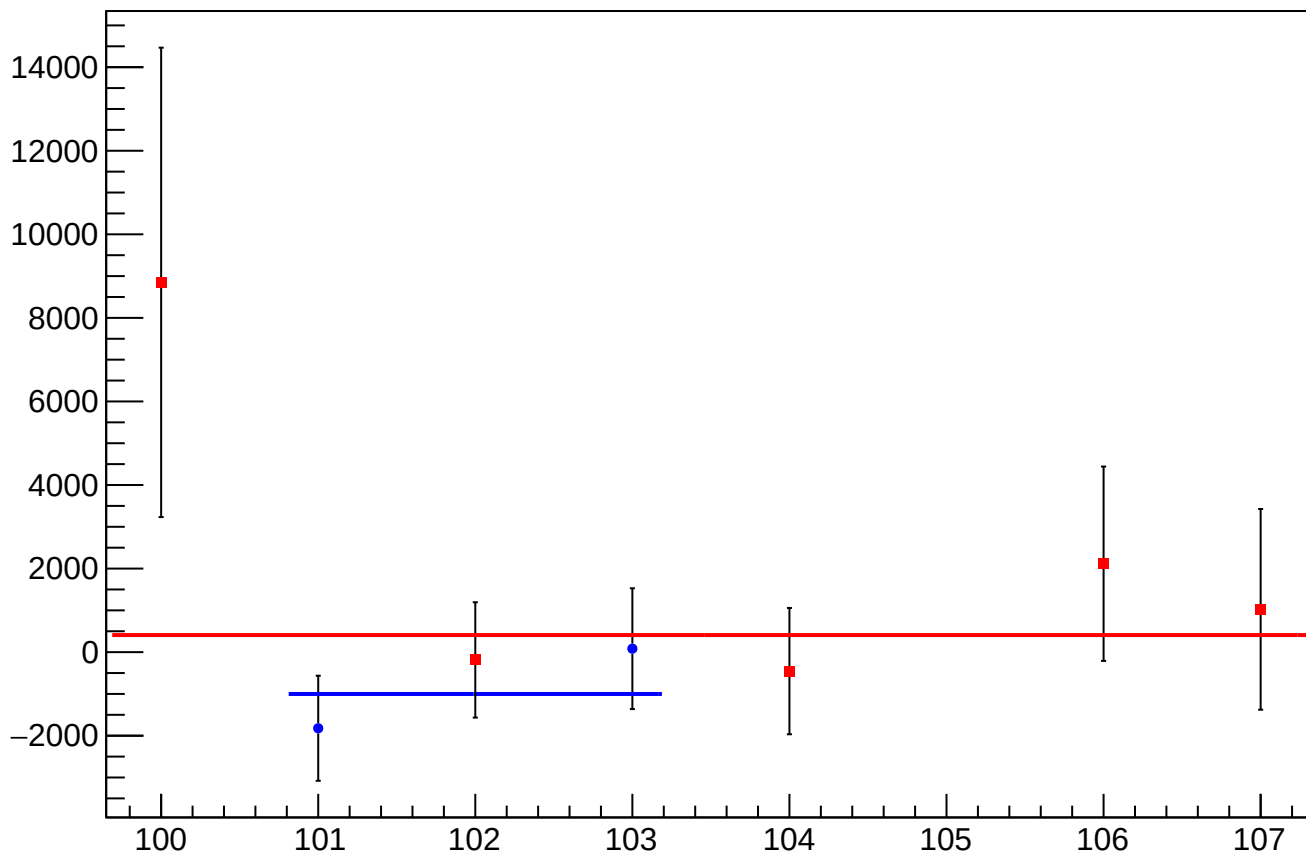
Right: 146.267 $\pm$ 0.060 χ^2 /NDF: 40752.0/6

In: 149.182 $\pm$ 0.094 χ^2 /NDF:6862.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 146.267 $\pm$ 0.060 χ^2 /NDF: 40752.0/6

asym_sam_1526_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1001.103+/-948.643 χ^2/NDF : 1.0/1

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

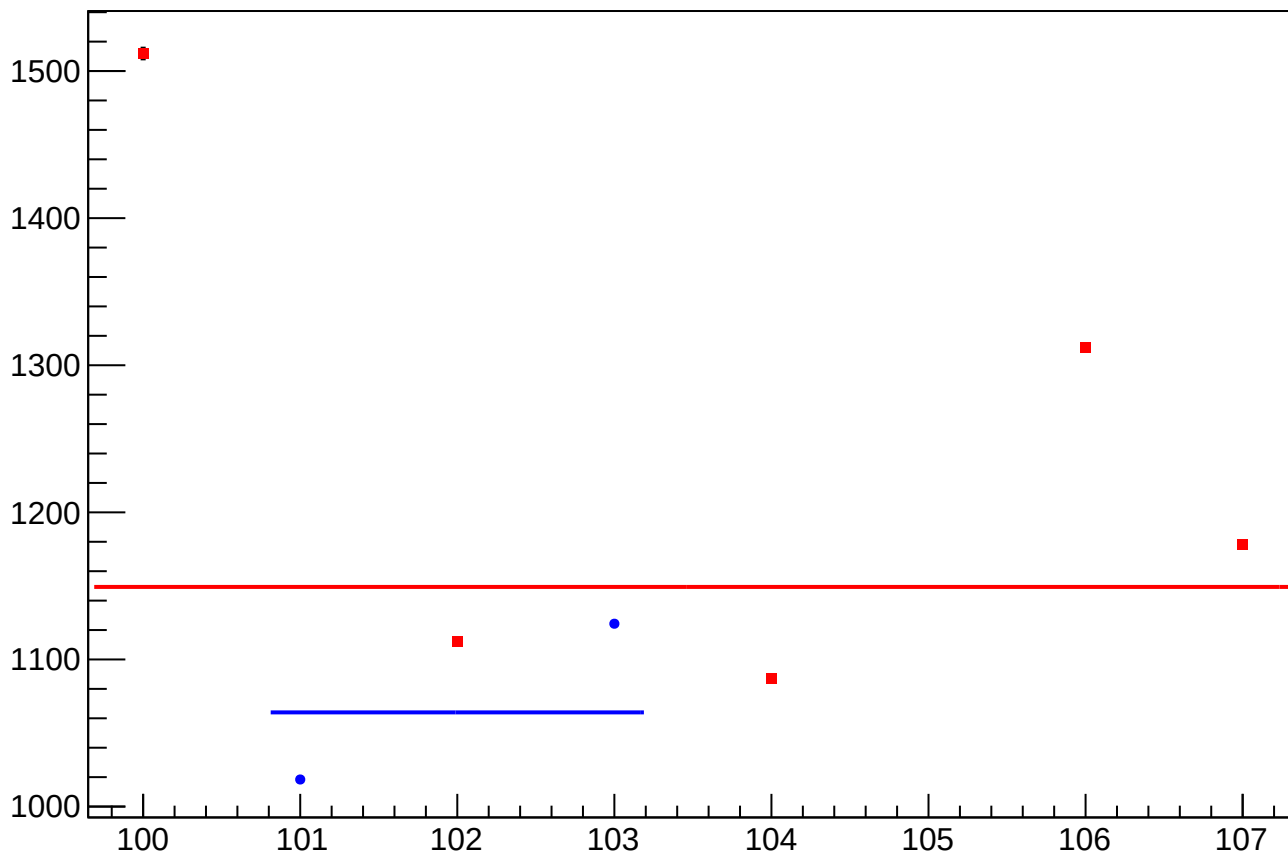
Right: -227.120+/-637.134 χ^2/NDF : 5.6/6

In: -1001.103+/-948.643 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -227.120+/-637.134 χ^2/NDF : 5.6/6

asym_sam_1526_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1064.020+/-0.671 χ^2/NDF : 6110.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1149.307+/-0.608 χ^2/NDF : 23277.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

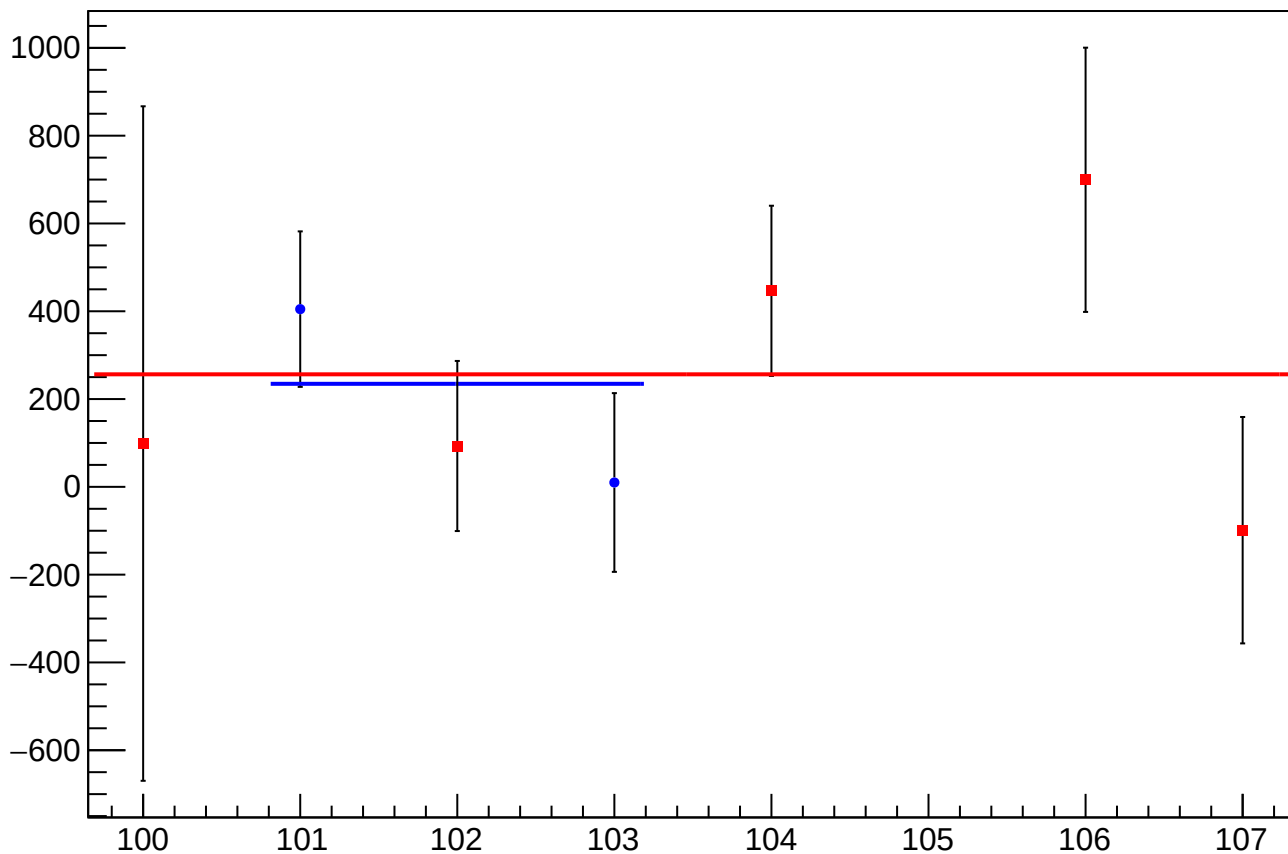
Right: 1110.835+/-0.451 χ^2/NDF : 38261.2/6

In: 1064.020+/-0.671 χ^2/NDF : 6110.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1110.835+/-0.451 χ^2/NDF : 38261.2/6

eigen_dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 234.716 $\pm$ 133.629 χ^2 /NDF: 2.1/1

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

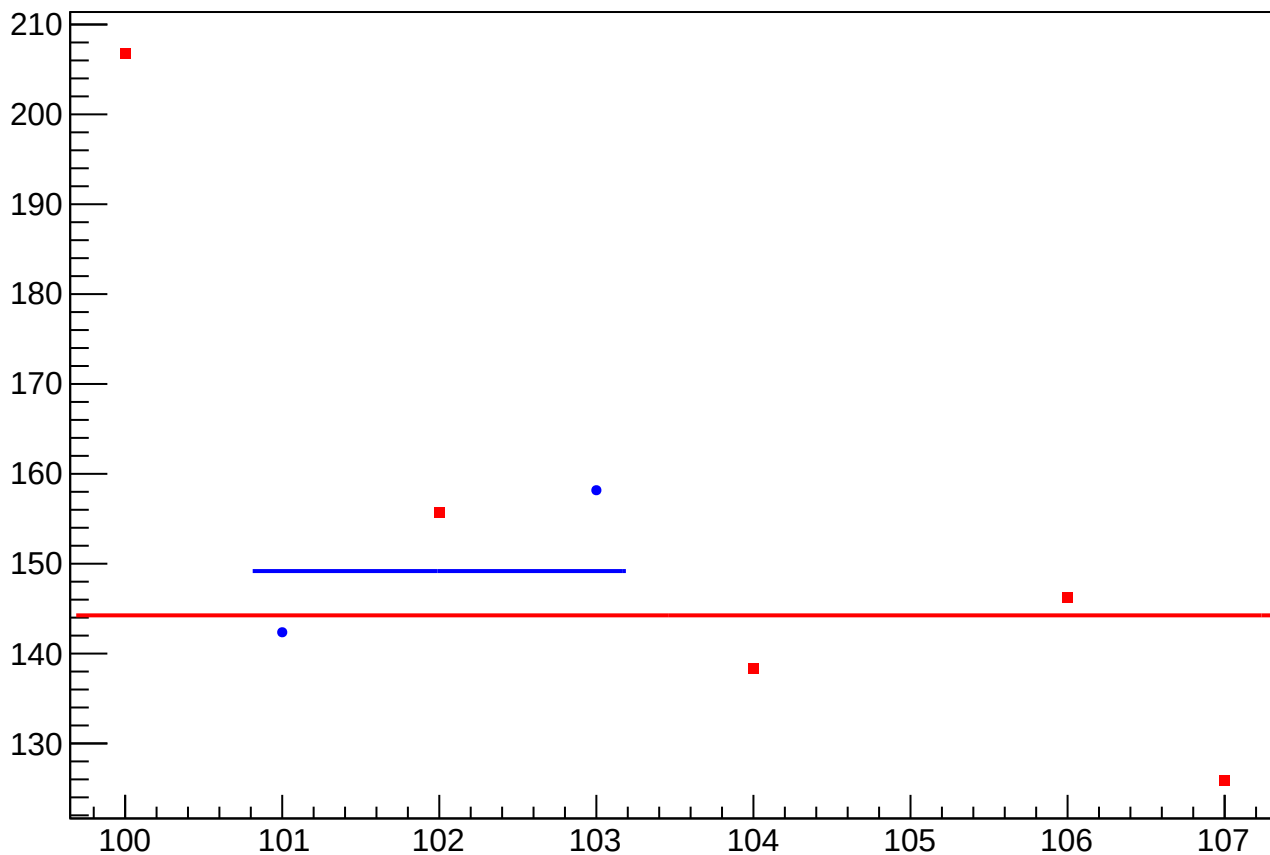
Right: 247.513 $\pm$ 85.429 χ^2 /NDF: 7.9/6

In: 234.716 $\pm$ 133.629 χ^2 /NDF:2.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 247.513 $\pm$ 85.429 χ^2 /NDF: 7.9/6

eigen_dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 149.181+/-0.094 χ^2/NDF : 6861.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.252+/-0.079 χ^2/NDF : 32280.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

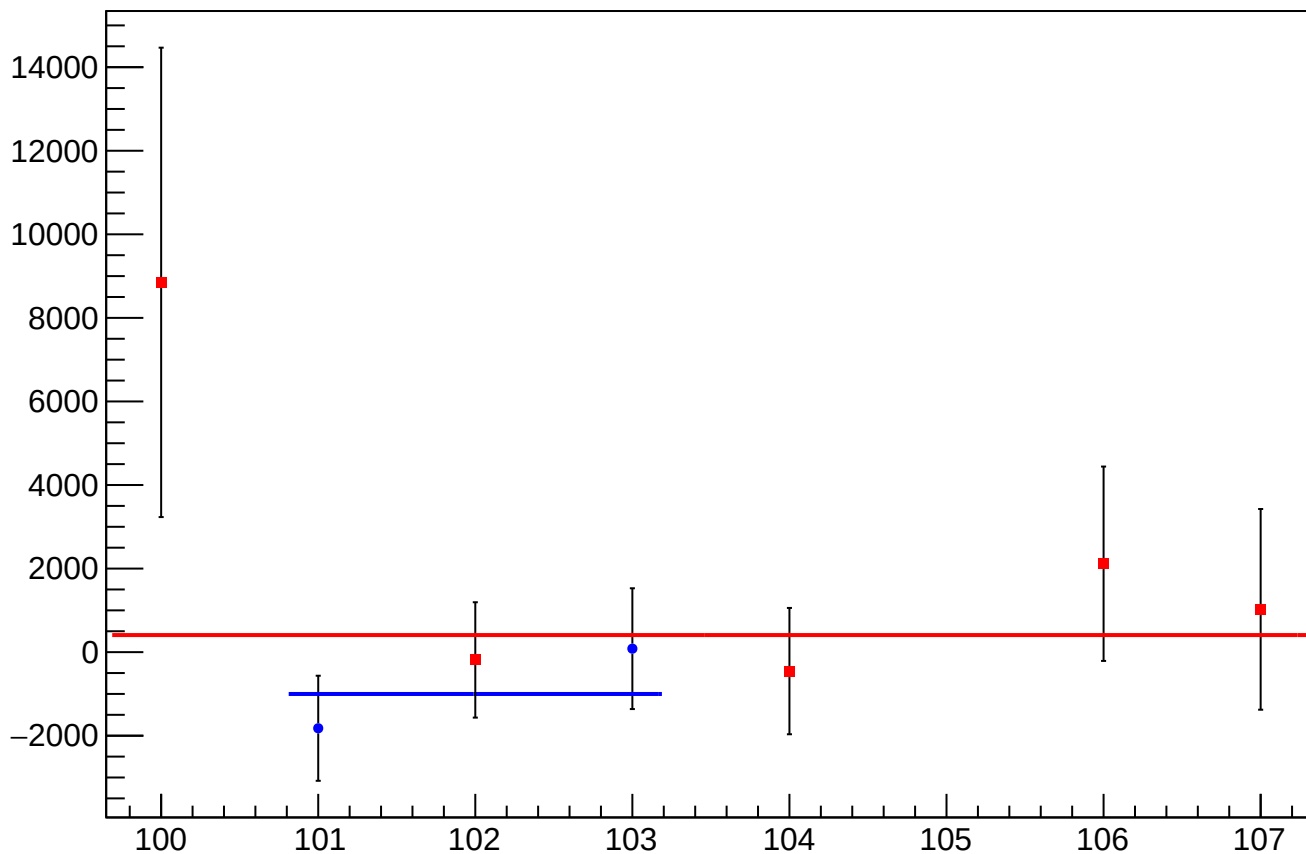
Right: 146.267+/-0.060 χ^2/NDF : 40750.5/6

In: 149.181+/-0.094 χ^2/NDF : 6861.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 146.267+/-0.060 χ^2/NDF : 40750.5/6

asym_sam_1526_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1001.102 $\pm$ 948.641 χ^2 /NDF: 1.0/1

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

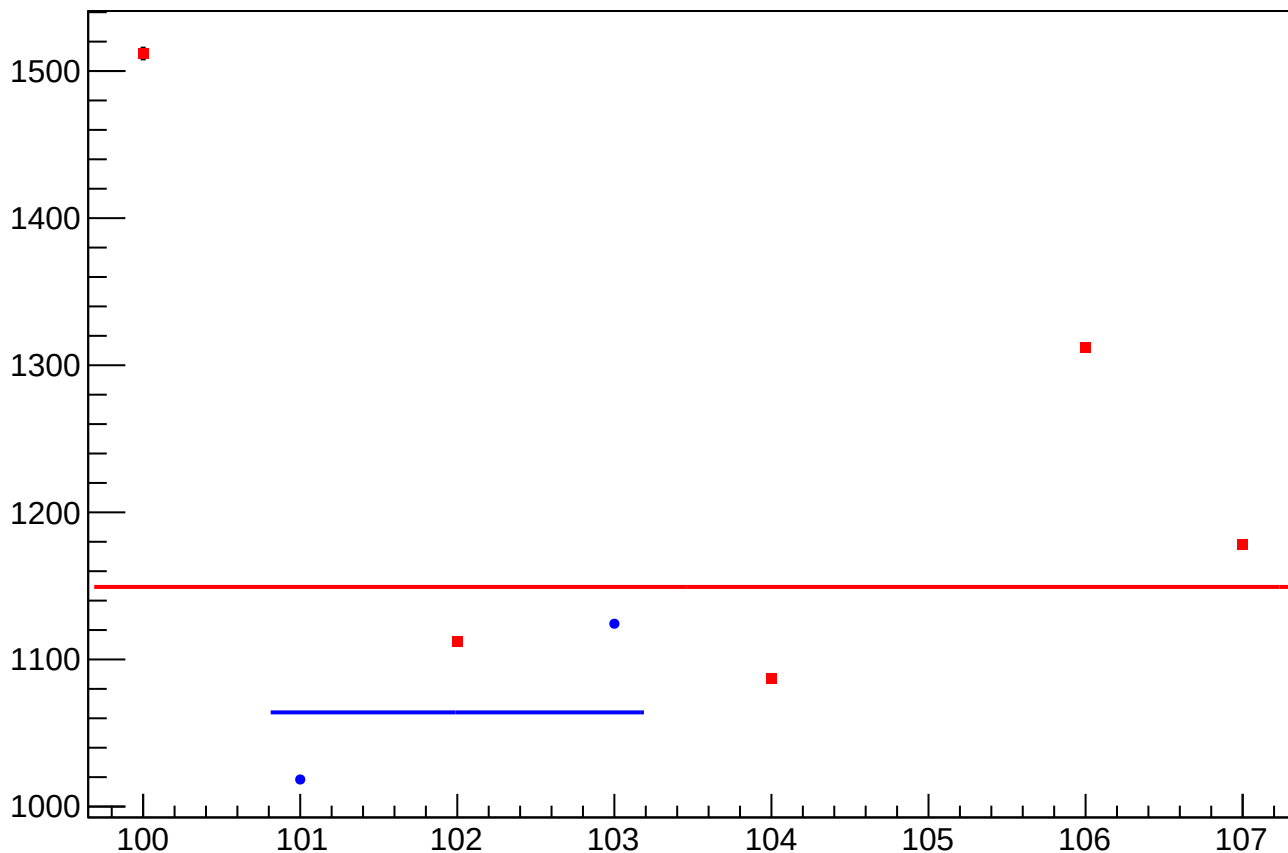
Right: -227.121 $\pm$ 637.133 χ^2 /NDF: 5.6/6

In: -1001.102 $\pm$ 948.641 χ^2 /NDF:1.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -227.121 $\pm$ 637.133 χ^2 /NDF: 5.6/6

asym_sam_1526_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1064.018 $\pm$ 0.671 χ^2 /NDF: 6110.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1149.304 $\pm$ 0.608 χ^2 /NDF: 23277.8/4

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

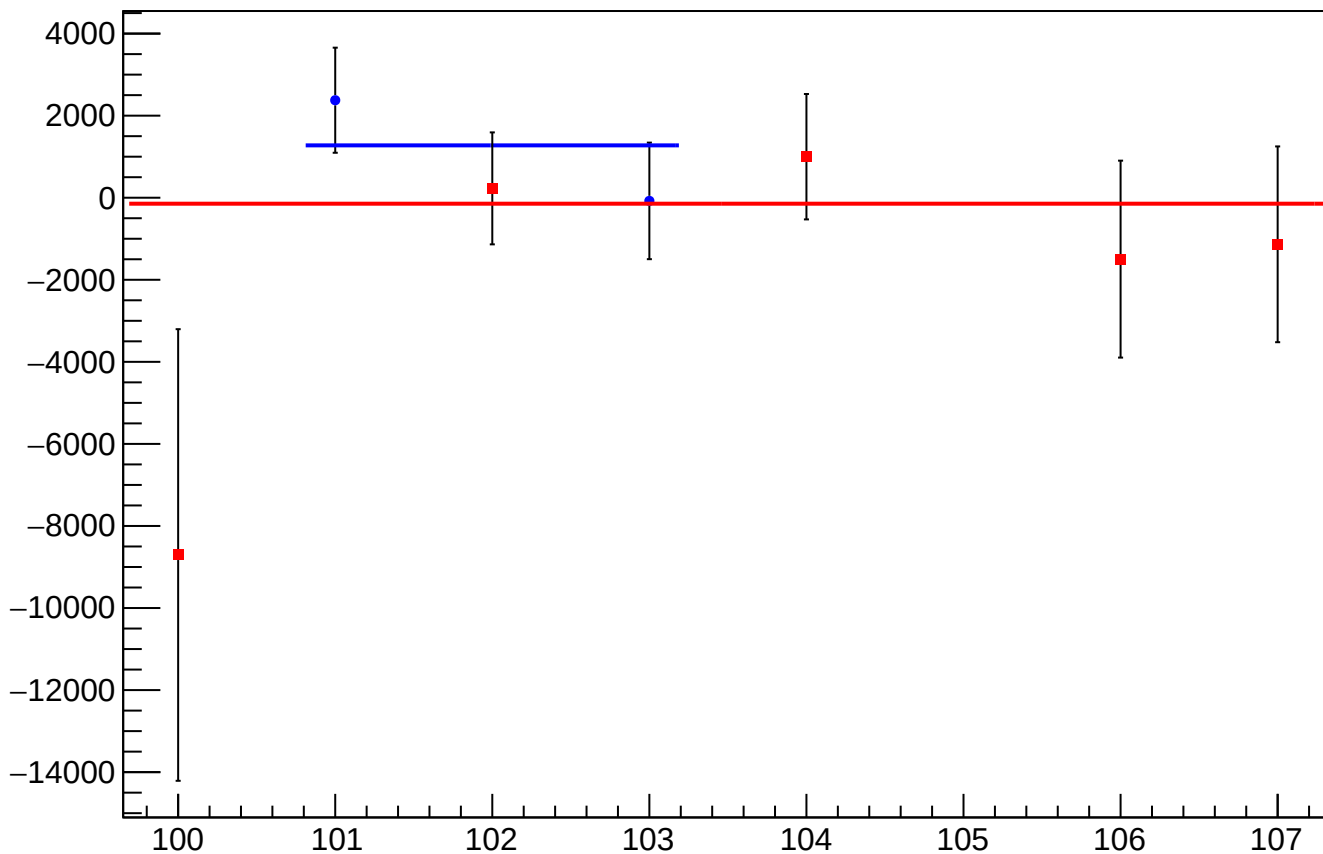
Right: 1110.833 $\pm$ 0.451 χ^2 /NDF: 38261.4/6

In: 1064.018 $\pm$ 0.671 χ^2 /NDF: 6110.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1110.833 $\pm$ 0.451 χ^2 /NDF: 38261.4/6

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 1275.977 $\pm$ 951.083 χ^2 /NDF: 1.6/1

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

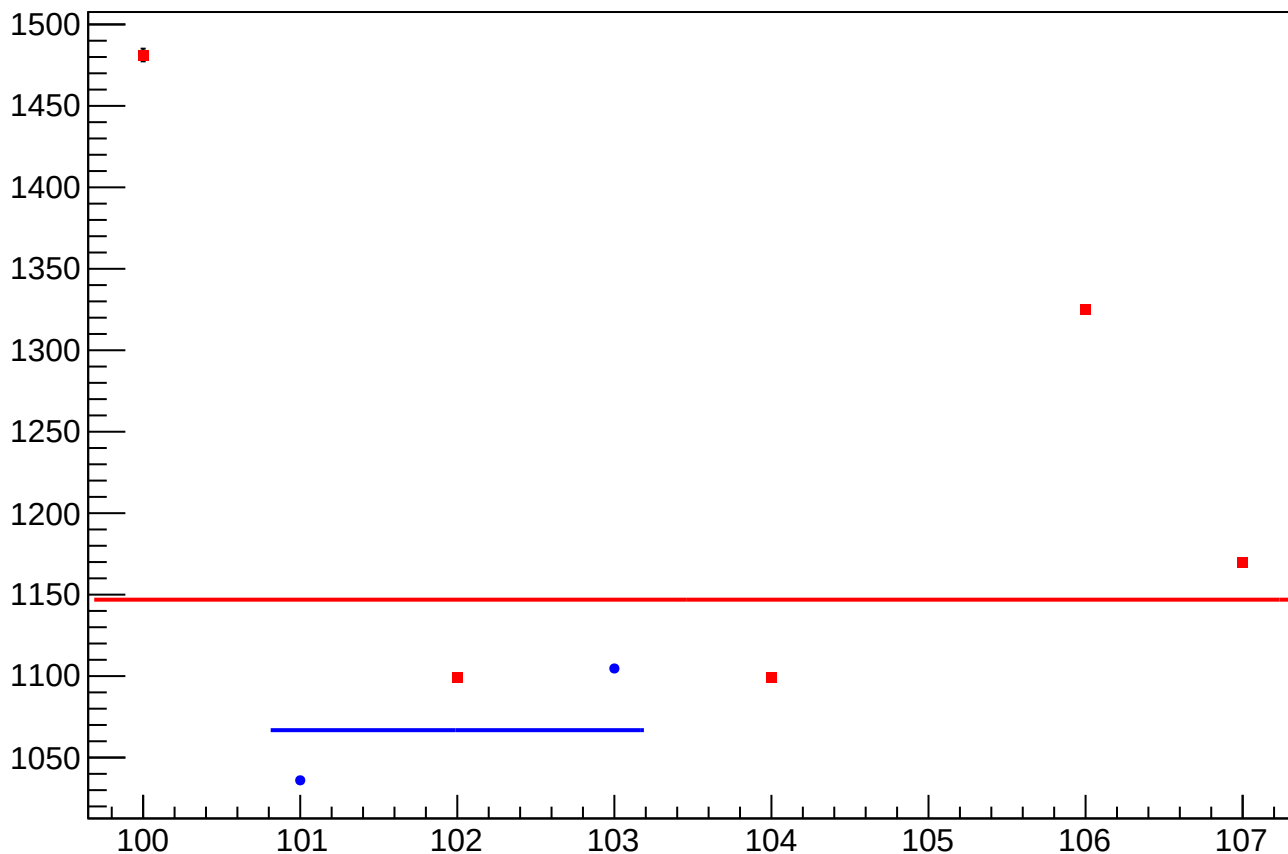
Right: 494.962 $\pm$ 638.466 χ^2 /NDF: 6.4/6

In: 1275.977 $\pm$ 951.083 χ^2 /NDF: 1.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 494.962 $\pm$ 638.466 χ^2 /NDF: 6.4/6

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 1066.812 $\pm$ 0.673 χ^2 /NDF: 2577.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1146.911 $\pm$ 0.609 χ^2 /NDF: 23013.4/4

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

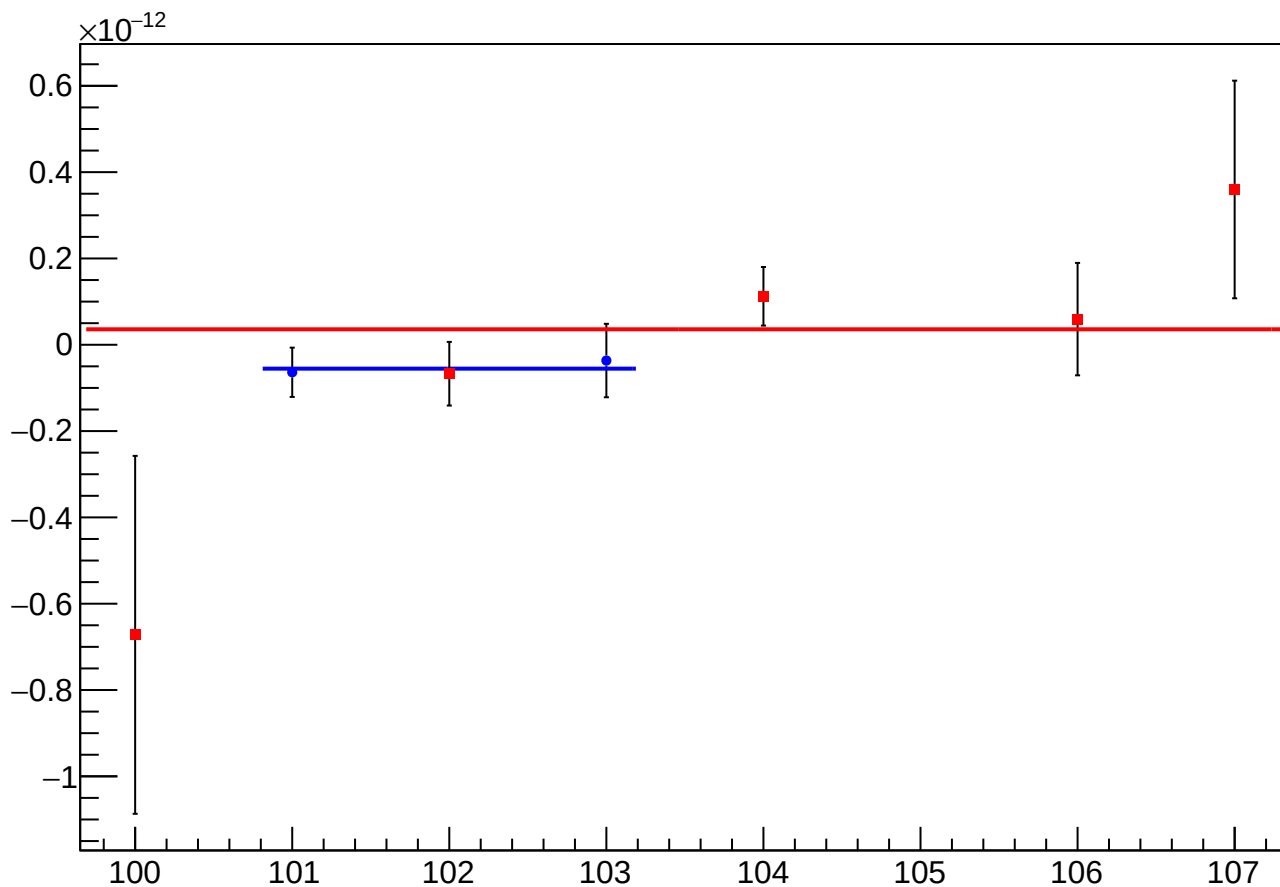
Right: 1110.815 $\pm$ 0.451 χ^2 /NDF: 33383.7/6

In: 1066.812 $\pm$ 0.673 χ^2 /NDF:2577.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1110.815 $\pm$ 0.451 χ^2 /NDF: 33383.7/6

asym_sam_1526_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.1/1

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

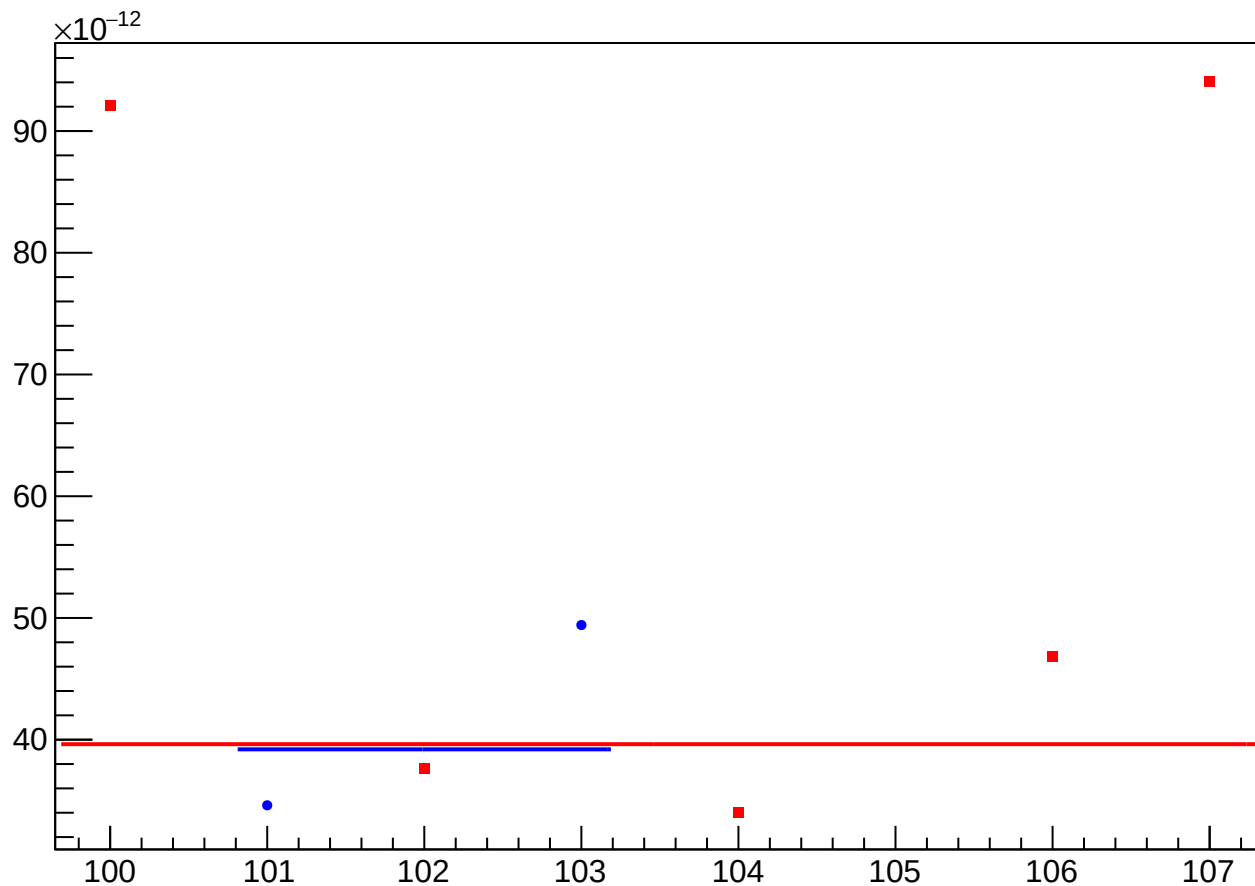
Right: -0.000+/-0.000 χ^2 /NDF: 9.8/6

In: -0.000+/-0.000 χ^2 /NDF:0.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 9.8/6

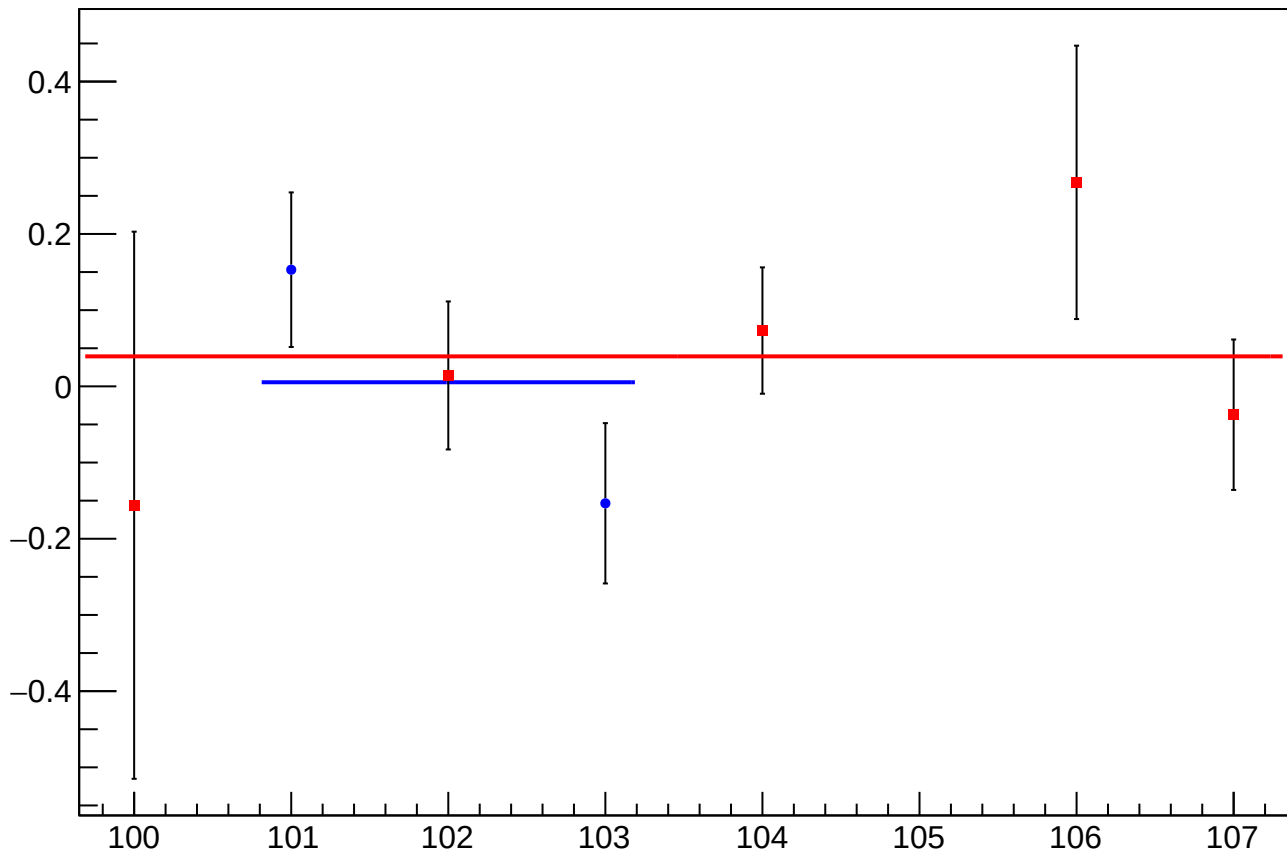
asym_sam_1526_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 41764.6/1
 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 : 188130.5/6
 In: 0.000+/-0.000 χ^2/NDF : 41764.6/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 188130.5/6

asym_sam_1526_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.073 χ^2 /NDF: 4.4/1

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

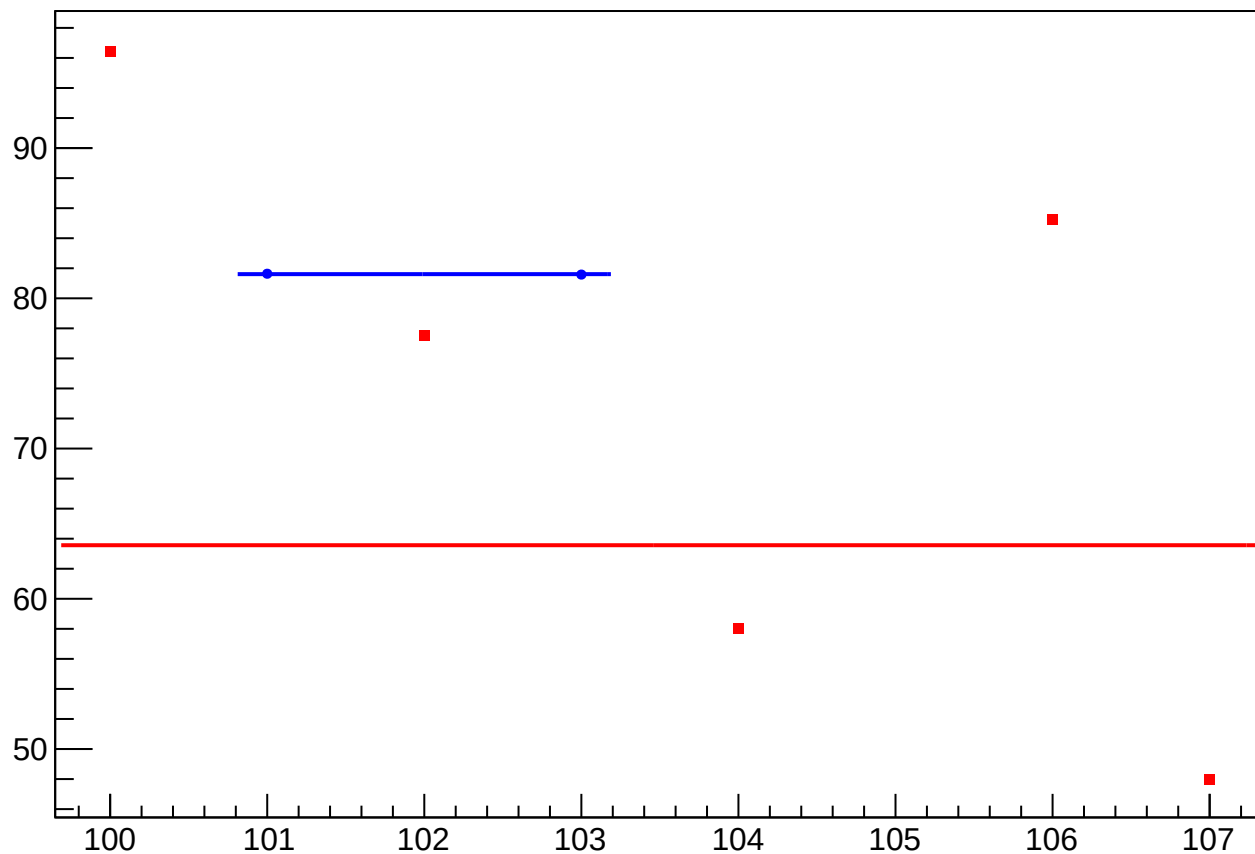
Right: 0.028 $\pm$ 0.042 χ^2 /NDF: 7.3/6

In: 0.005 $\pm$ 0.073 χ^2 /NDF:4.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.028 $\pm$ 0.042 χ^2 /NDF: 7.3/6

asym_sam_1526_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 81.609 $\pm$ 0.052 χ^2 /NDF: 0.3/1

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

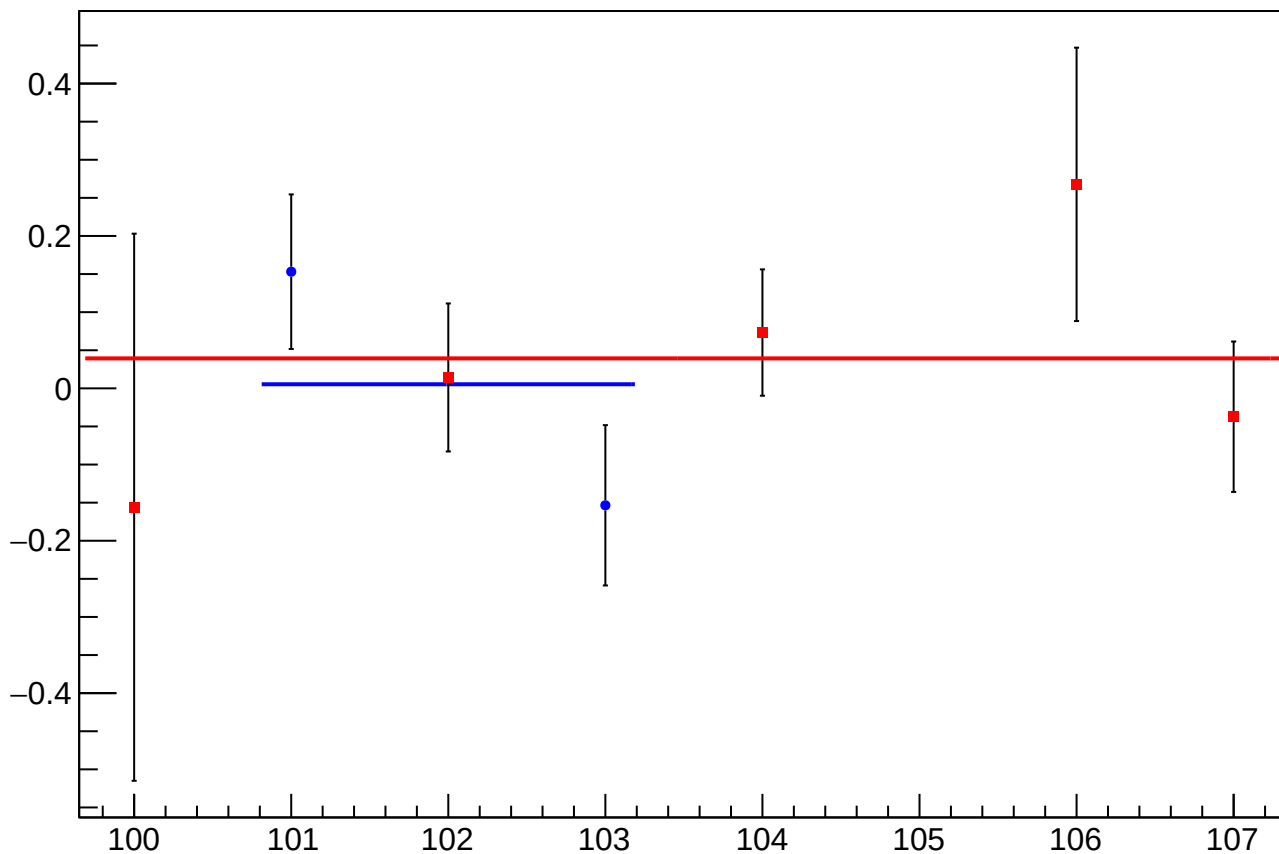
Right: 69.394 $\pm$ 0.029 χ^2 /NDF: 229072.1/6

In: 81.609 $\pm$ 0.052 χ^2 /NDF: 0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 69.394 $\pm$ 0.029 χ^2 /NDF: 229072.1/6

asym_sam_1526_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.073 χ^2 /NDF: 4.4/1

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

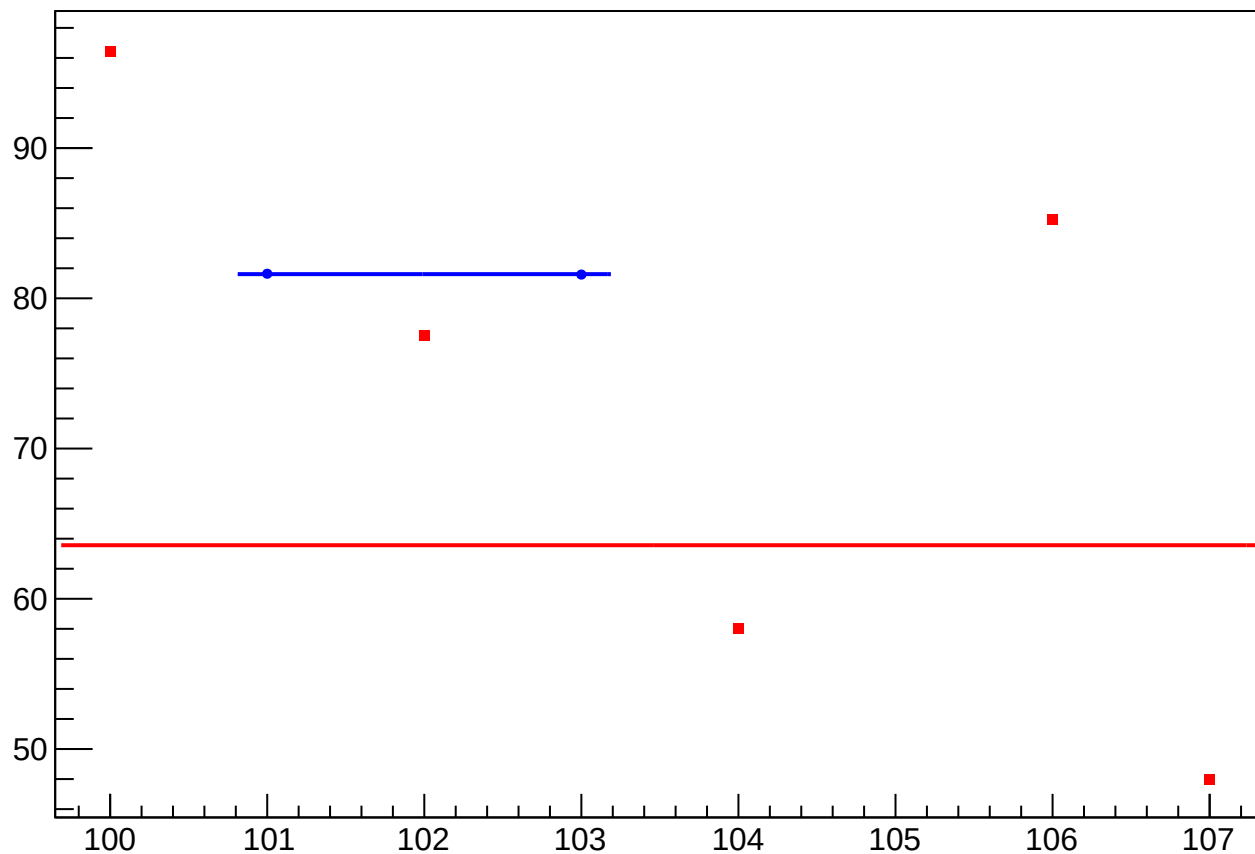
Right: 0.028 $\pm$ 0.042 χ^2 /NDF: 7.3/6

In: 0.005 $\pm$ 0.073 χ^2 /NDF:4.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.028 $\pm$ 0.042 χ^2 /NDF: 7.3/6

asym_sam_1526_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 81.609 ± 0.052 $\chi^2/\text{NDF}: 0.3/1$

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 $\chi^2/\text{NDF}: 0.0/0$

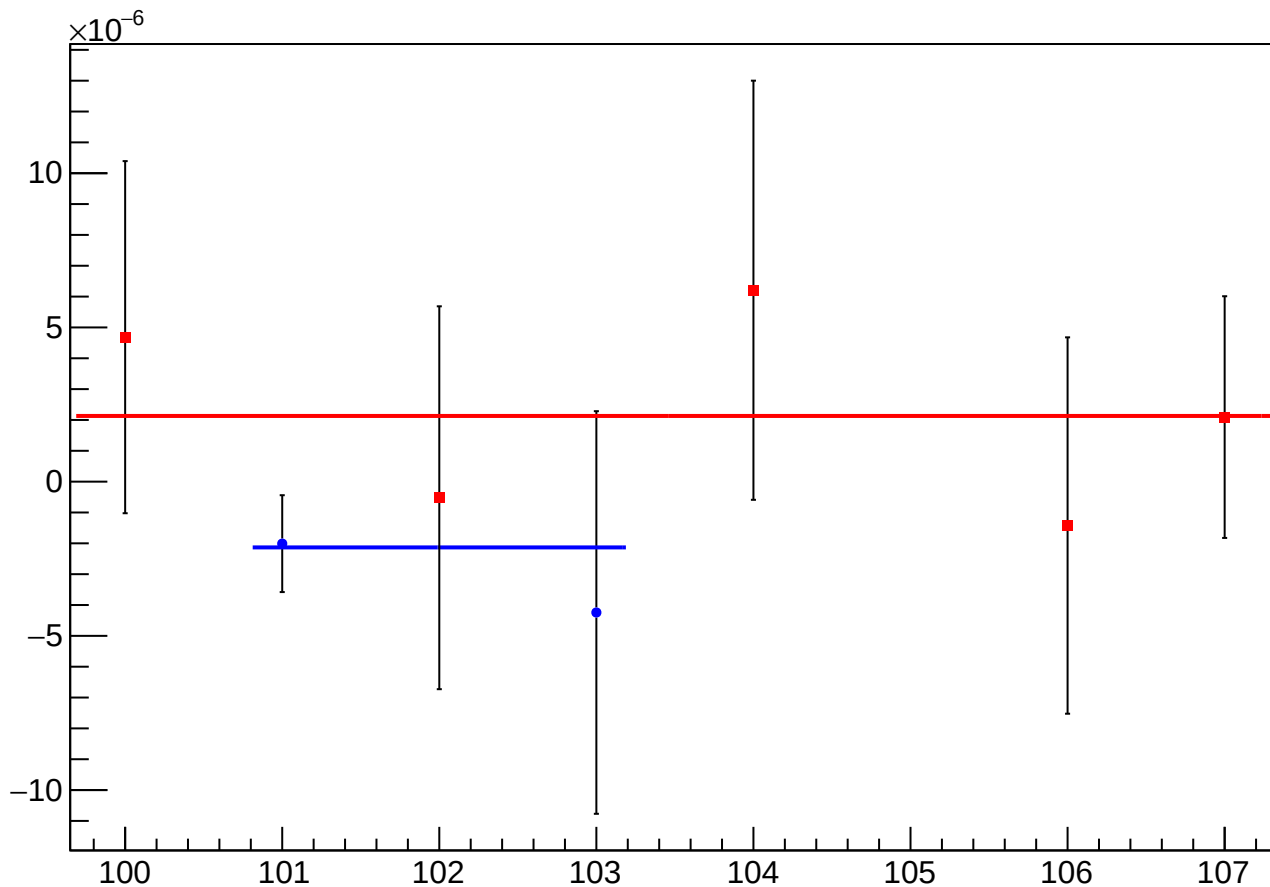
Right: 69.394 ± 0.029 $\chi^2/\text{NDF}: 229072.1/6$

In: 81.609 ± 0.052 $\chi^2/\text{NDF}: 0.3/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 69.394 ± 0.029 $\chi^2/\text{NDF}: 229072.1/6$

asym_sam_1526_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/1

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

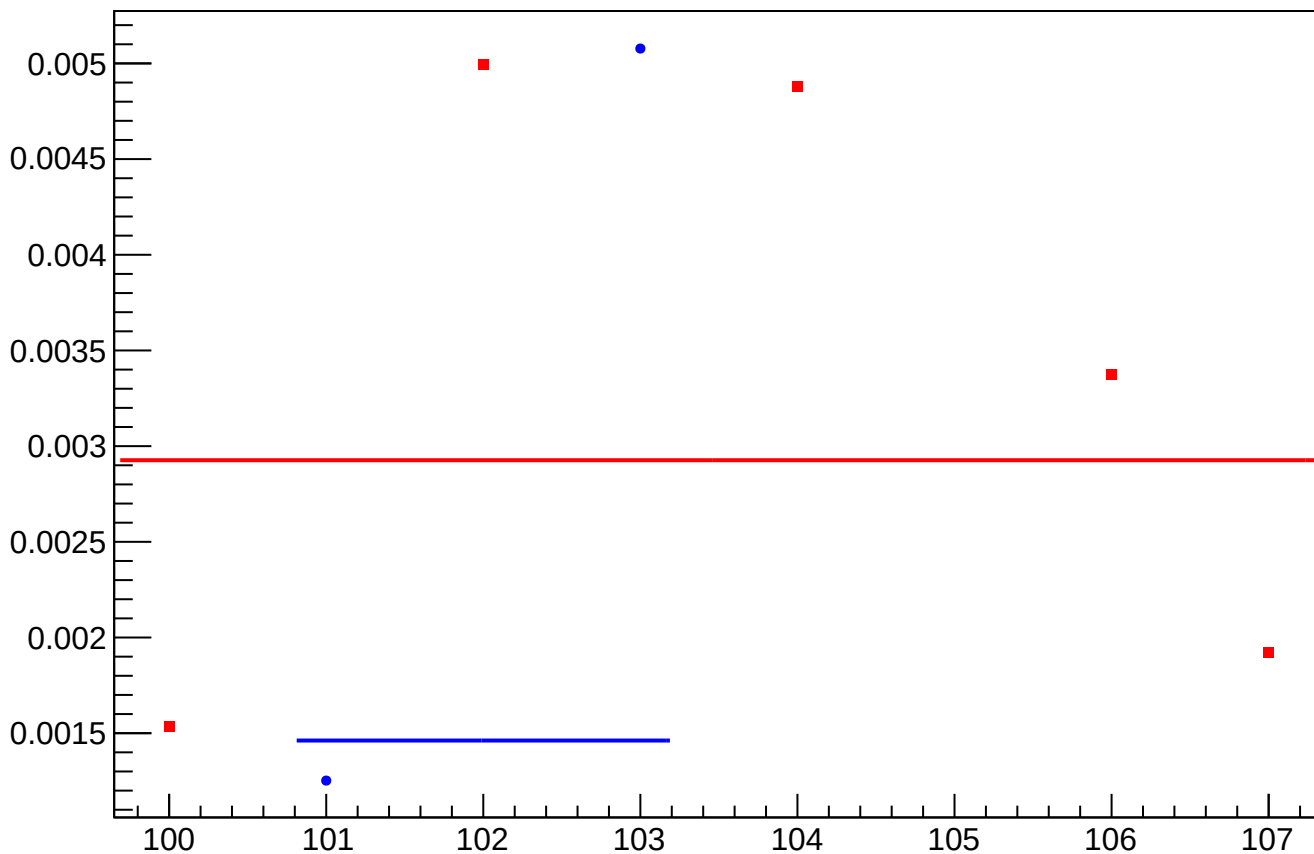
Right: -0.000+/-0.000 χ^2/NDF : 3.4/6

In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.4/6

asym_sam_1526_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 649380.0/1

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

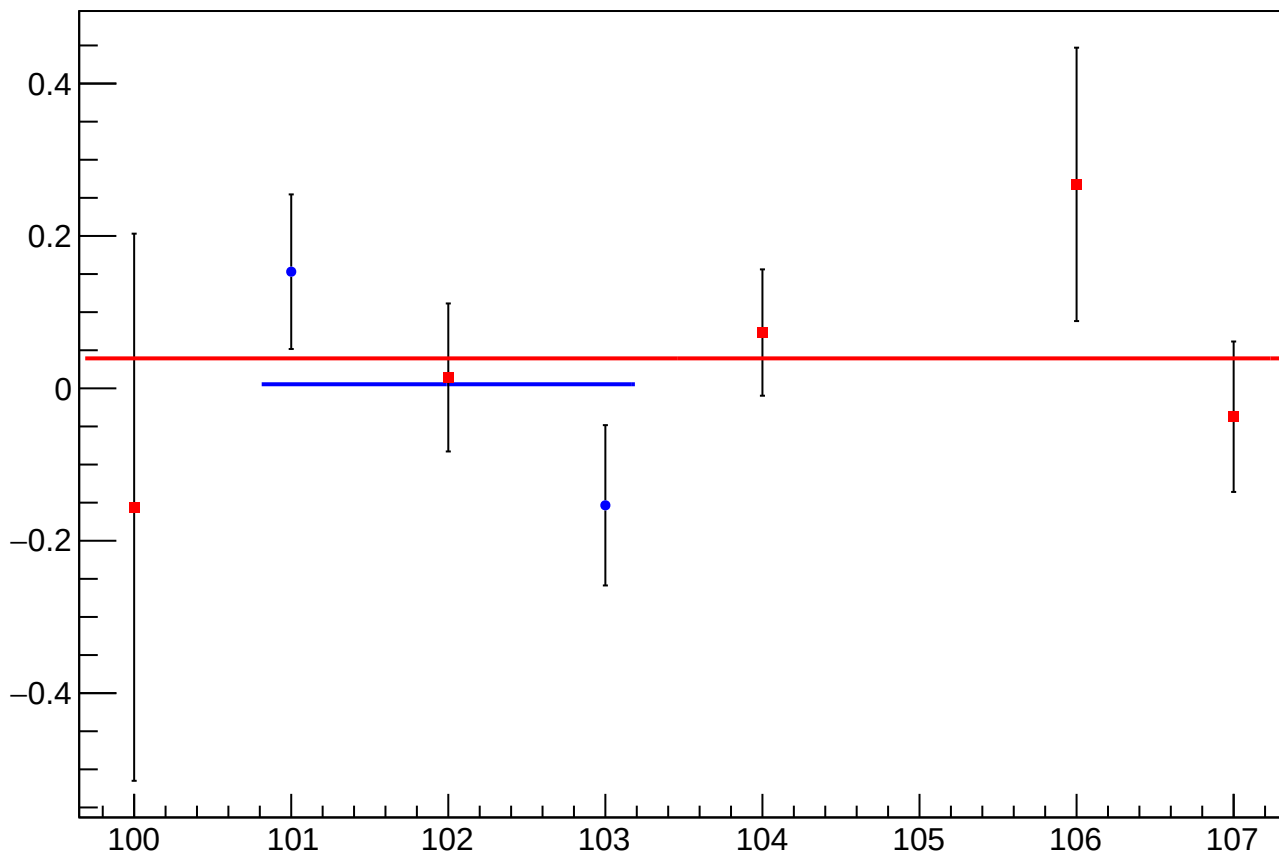
Right: 0.002+/-0.000 χ^2/NDF : 1821114.5/6

In: 0.001+/-0.000 χ^2/NDF : 649380.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1821114.5/6

asym_sam_1526_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.073 χ^2 /NDF: 4.4/1

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

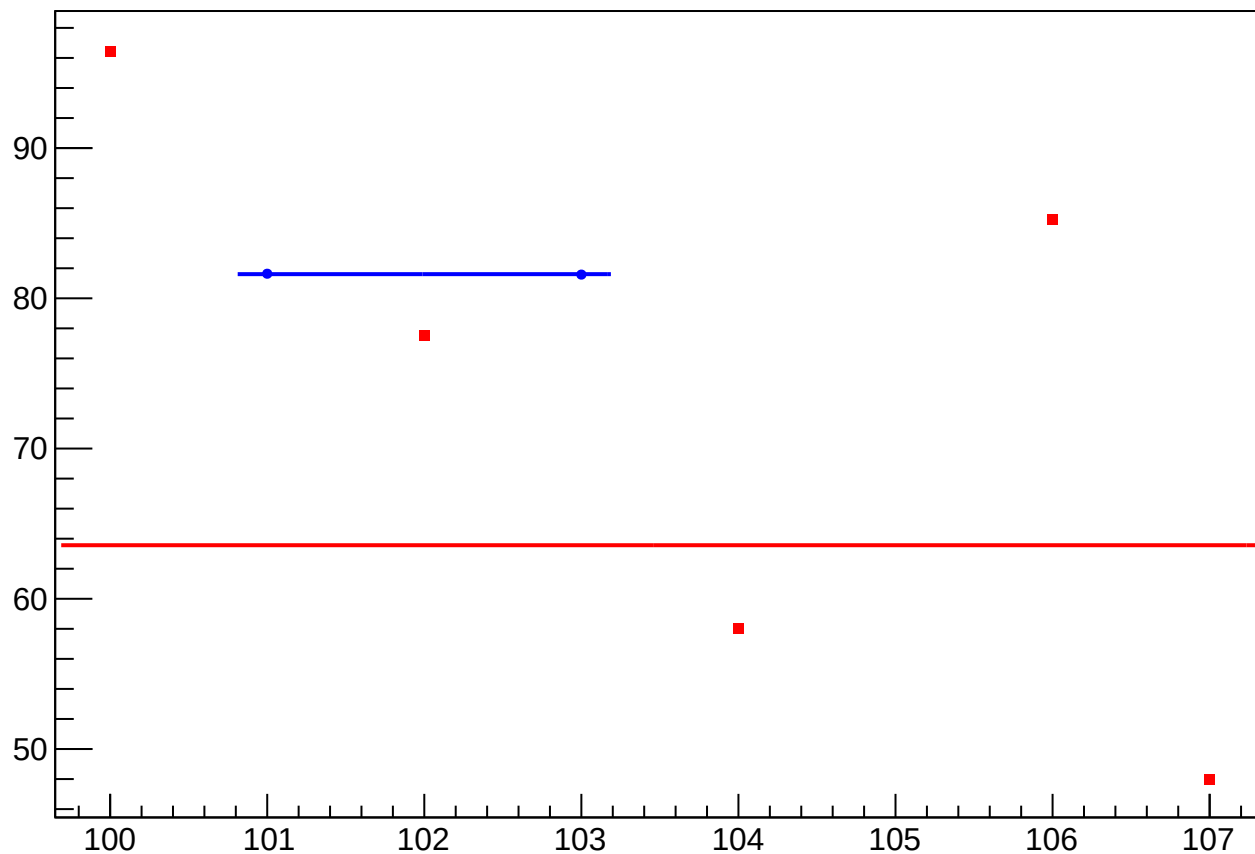
Right: 0.028 $\pm$ 0.042 χ^2 /NDF: 7.3/6

In: 0.005 $\pm$ 0.073 χ^2 /NDF:4.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.028 $\pm$ 0.042 χ^2 /NDF: 7.3/6

asym_sam_1526_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 81.609 ± 0.052 χ^2/NDF : 0.3/1

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

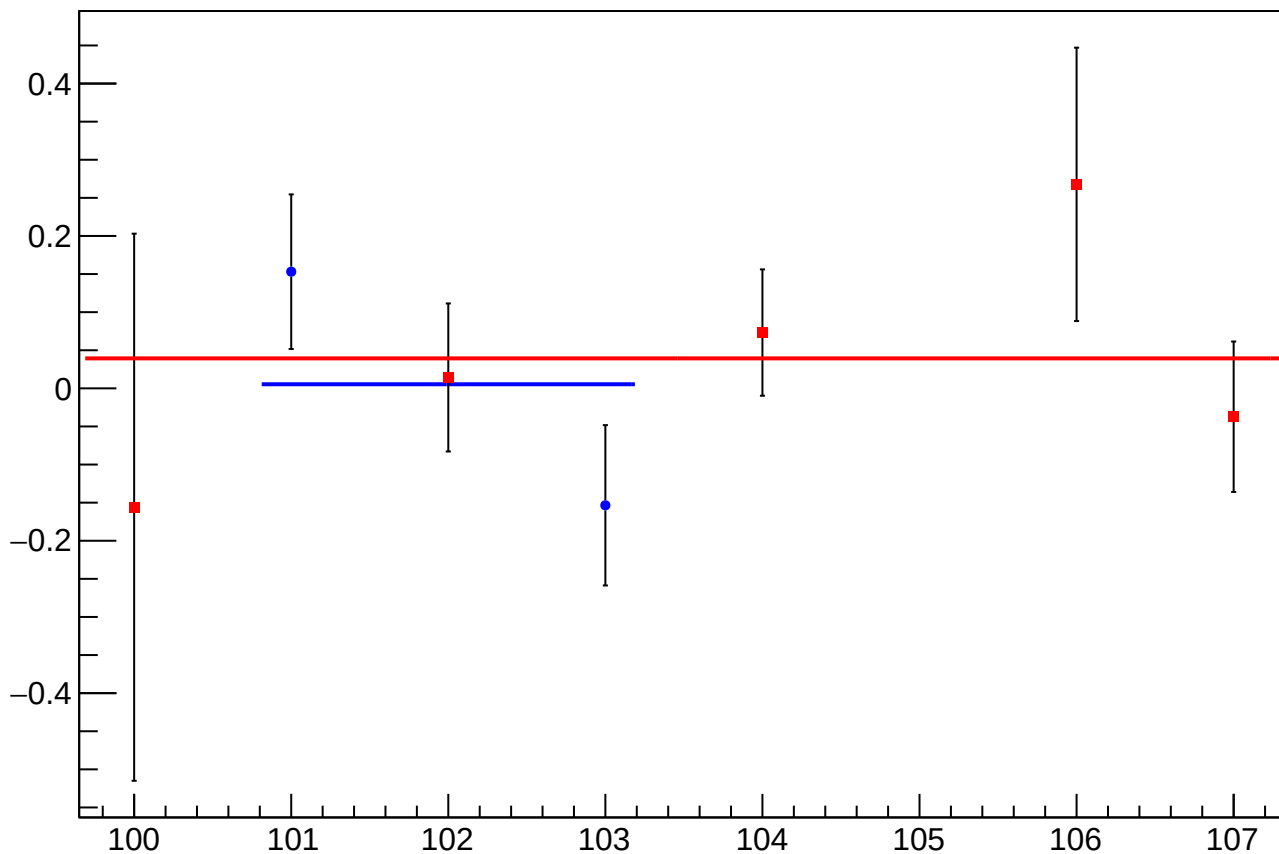
Right: 69.394 ± 0.029 χ^2/NDF : 229067.2/6

In: 81.609 ± 0.052 χ^2/NDF : 0.3/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 69.394 ± 0.029 χ^2/NDF : 229067.2/6

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.073 χ^2 /NDF: 4.4/1

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

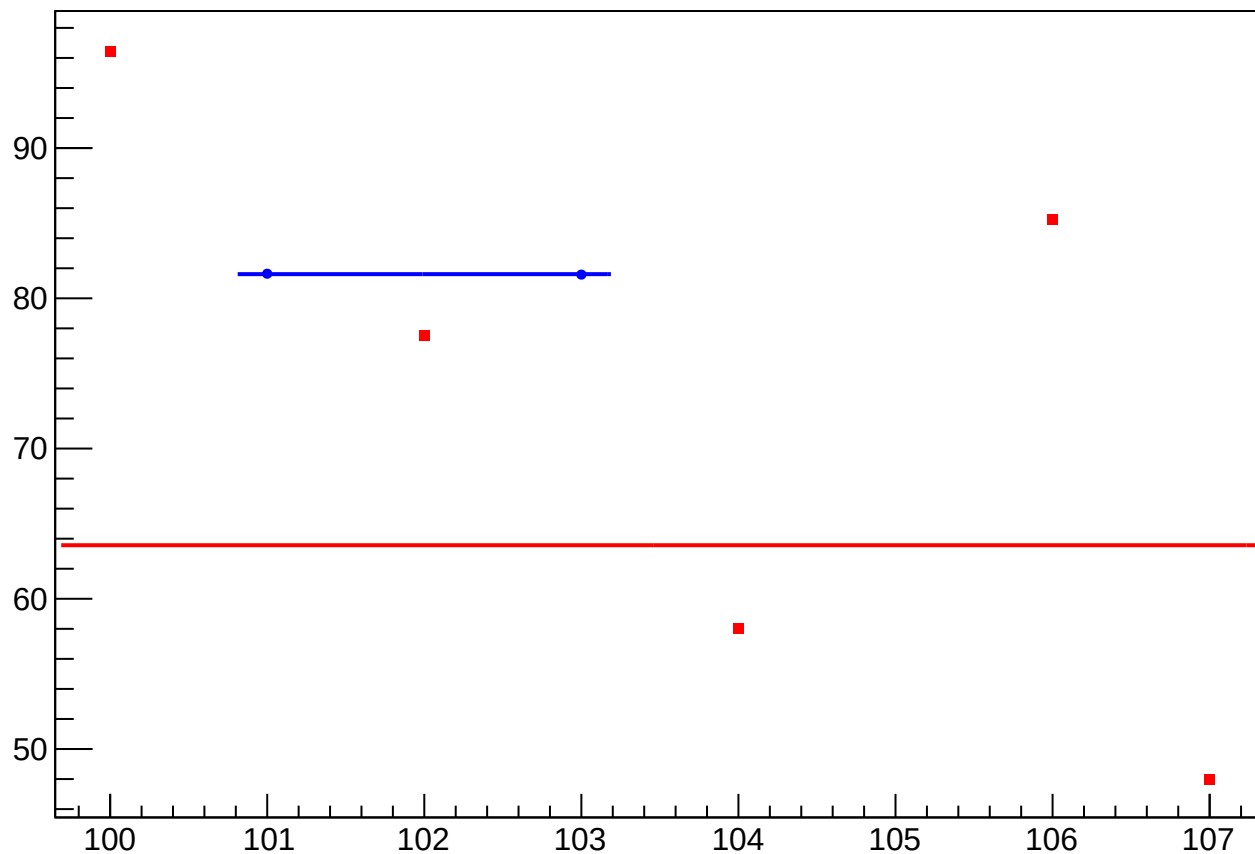
Right: 0.028 $\pm$ 0.042 χ^2 /NDF: 7.3/6

In: 0.005 $\pm$ 0.073 χ^2 /NDF:4.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.028 $\pm$ 0.042 χ^2 /NDF: 7.3/6

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 81.609 $\pm$ 0.052 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 63.565 $\pm$ 0.036 χ^2 /NDF: 146406.1/4

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

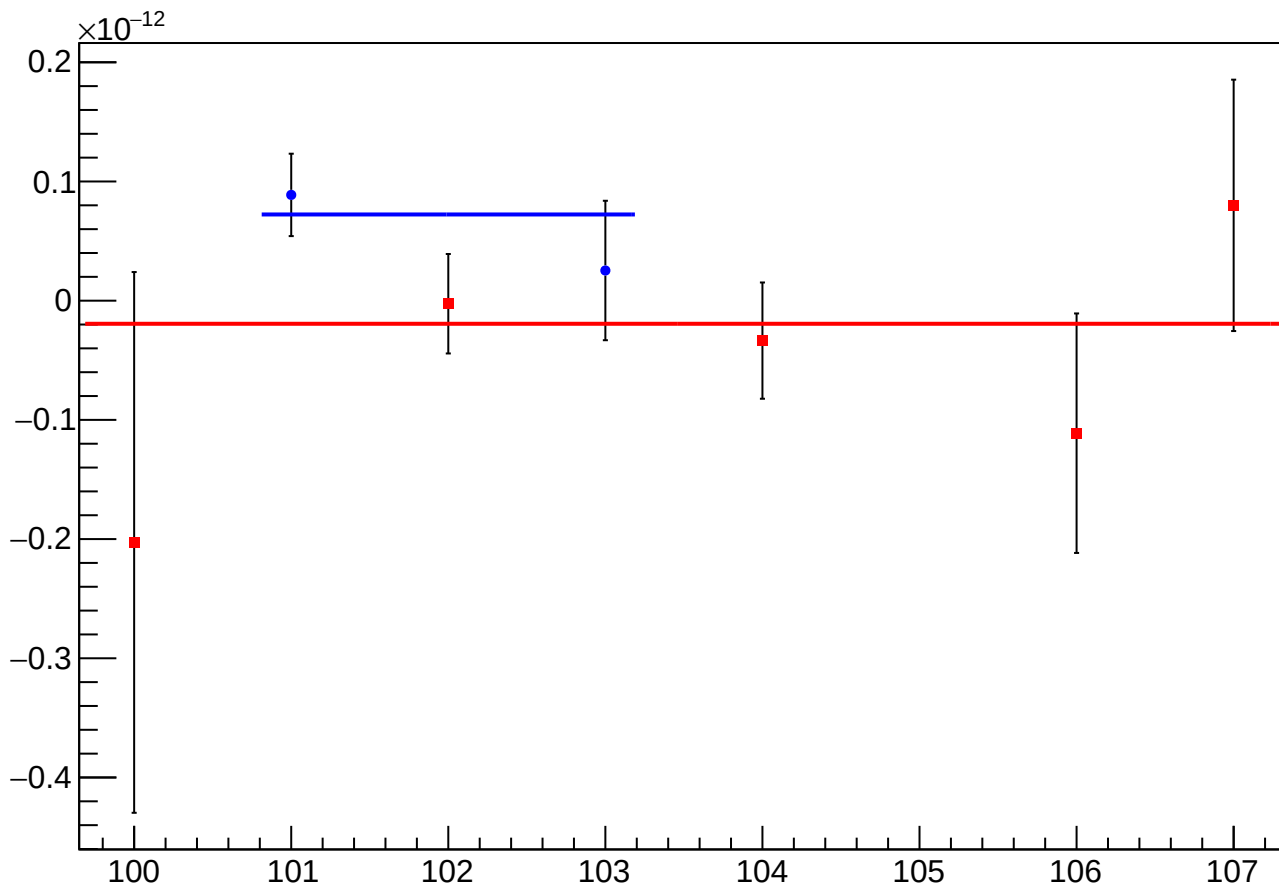
Right: 69.394 $\pm$ 0.029 χ^2 /NDF: 229067.2/6

In: 81.609 $\pm$ 0.052 χ^2 /NDF: 0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 69.394 $\pm$ 0.029 χ^2 /NDF: 229067.2/6

asym_sam_1526_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.9/1

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

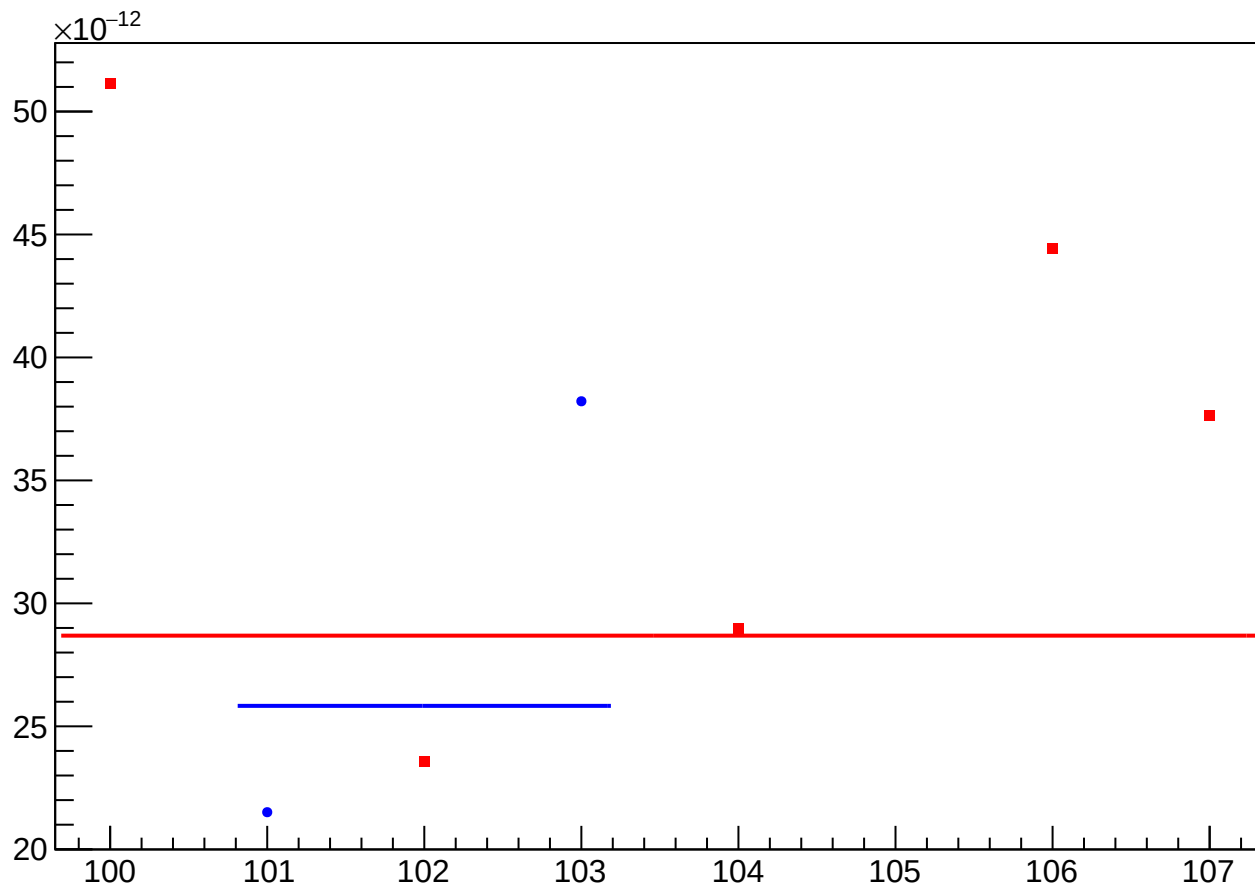
Right: 0.000+/-0.000 χ^2/NDF : 8.4/6

In: 0.000+/-0.000 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.4/6

asym_sam_1526_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 120980.5/1

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

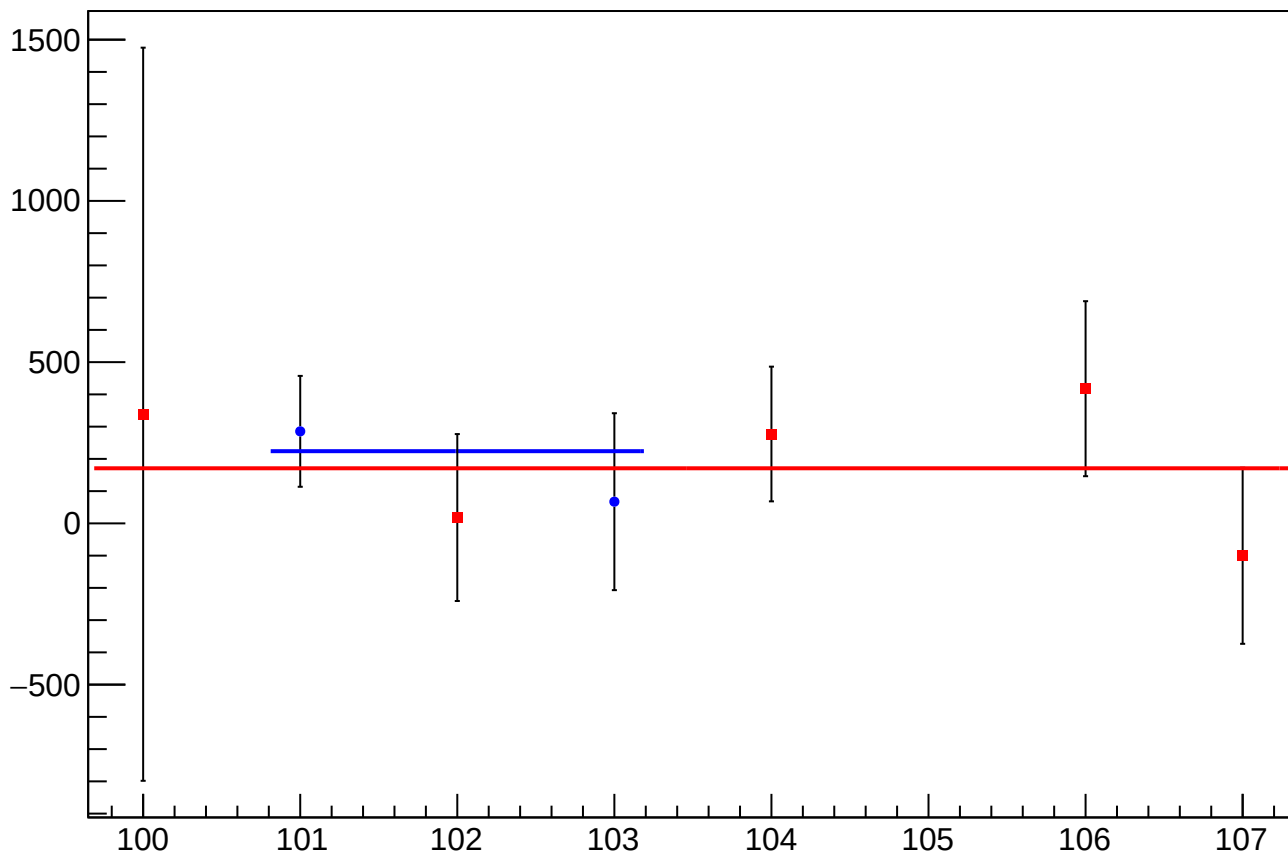
Right: 0.000+/-0.000 χ^2/NDF : 243565.1/6

In: 0.000+/-0.000 χ^2/NDF : 120980.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 243565.1/6

reg_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 223.906 $\pm$ 145.674 χ^2 /NDF: 0.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 170.860 $\pm$ 123.452 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

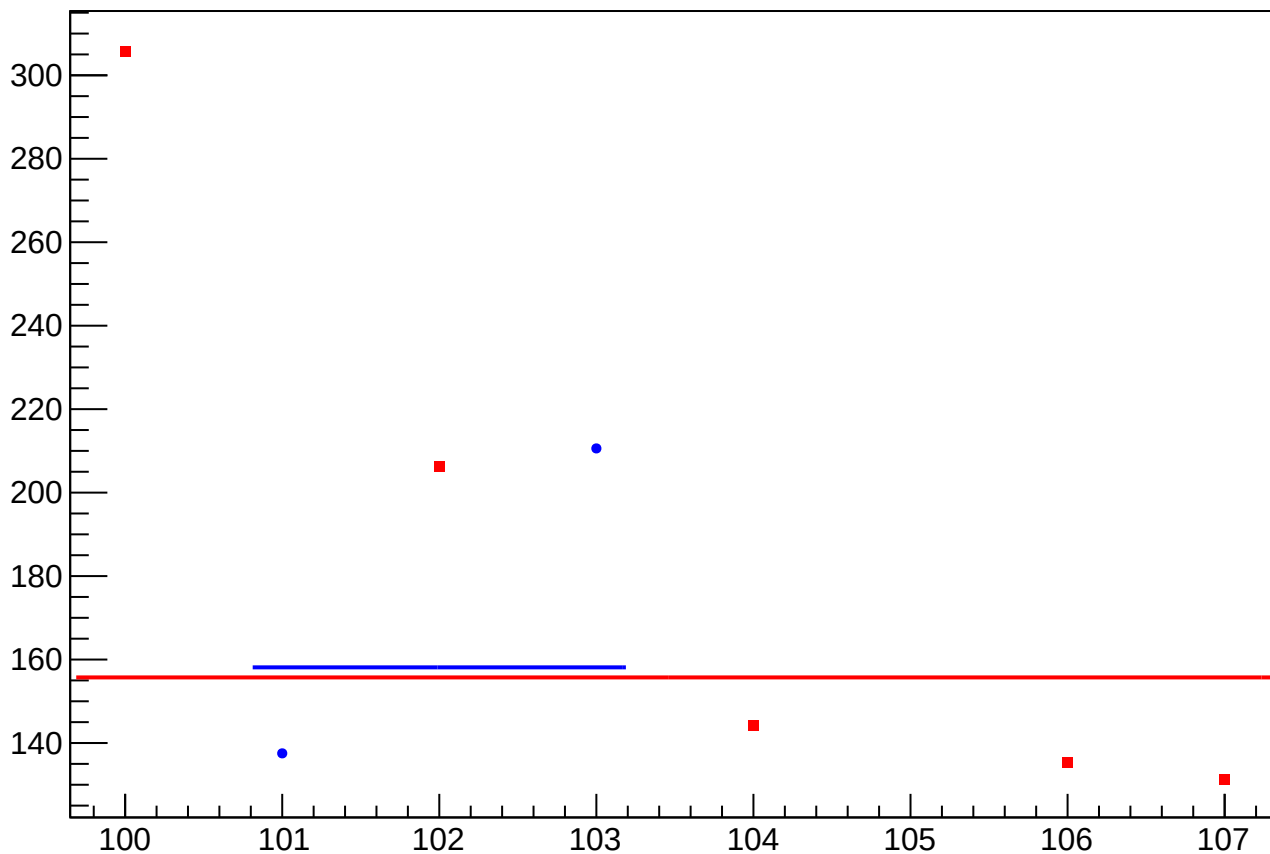
Right: 193.033 $\pm$ 94.181 χ^2 /NDF: 3.0/6

In: 223.906 $\pm$ 145.674 χ^2 /NDF: 0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 193.033 $\pm$ 94.181 χ^2 /NDF: 3.0/6

reg_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 158.129+/-0.103 χ^2/NDF : 101888.0/1

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

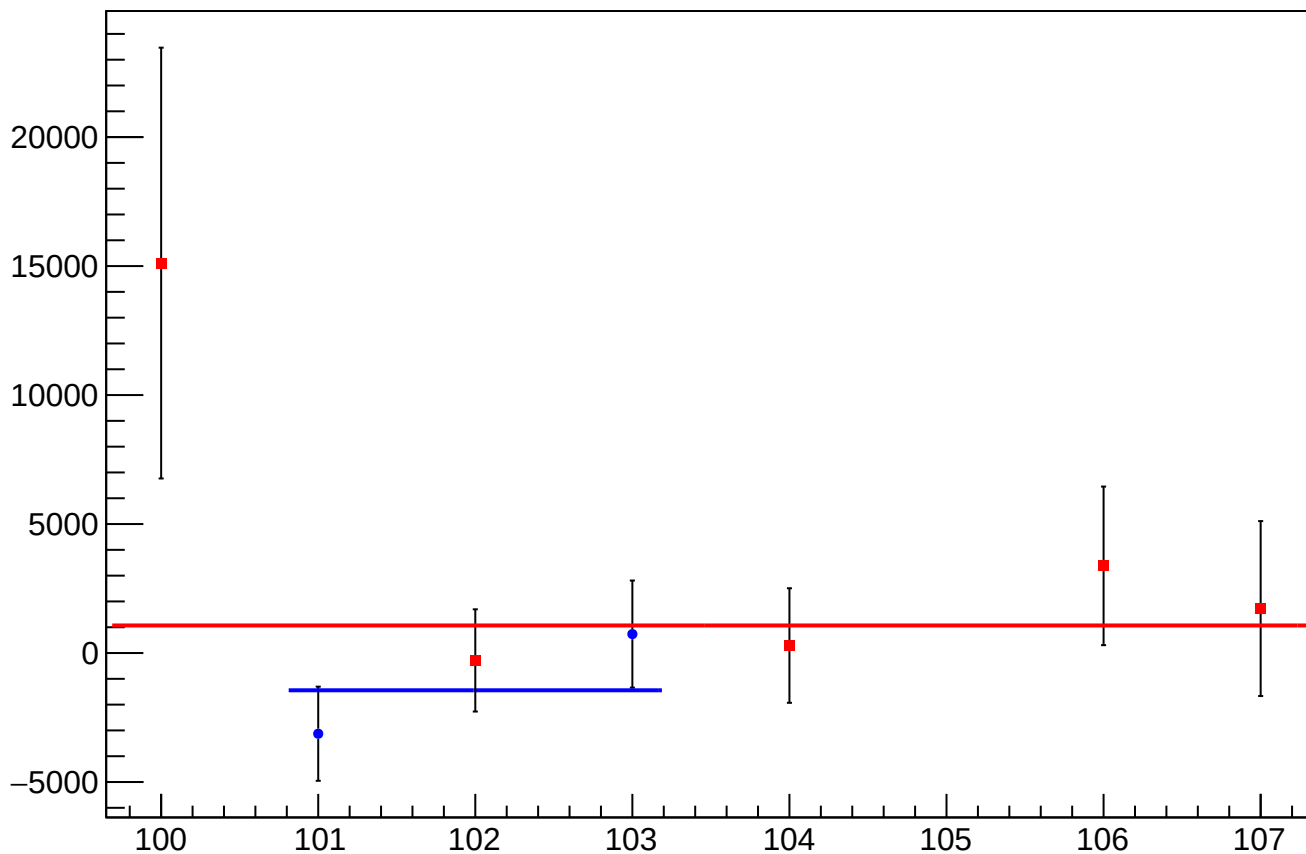
Right: 156.726+/-0.067 χ^2/NDF : 246642.2/6

In: 158.129+/-0.103 χ^2/NDF : 101888.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.726+/-0.067 χ^2/NDF : 246642.2/6

asym_sam_3726_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1444.694 $\pm$ 1370.523 χ^2 /NDF: 2.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1068.573 $\pm$ 1226.583 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

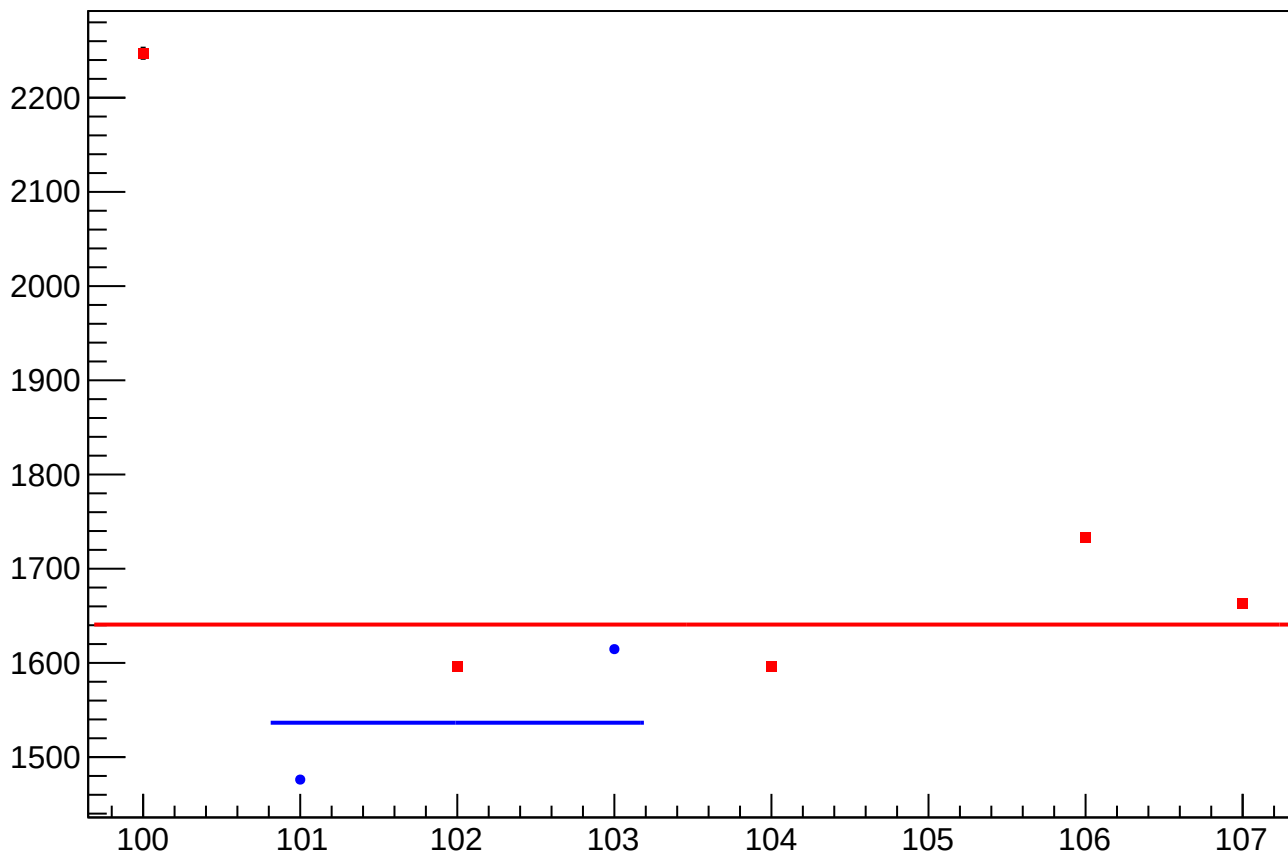
Right: -49.194 $\pm$ 913.992 χ^2 /NDF: 7.8/6

In: -1444.694 $\pm$ 1370.523 χ^2 /NDF: 2.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -49.194 $\pm$ 913.992 χ^2 /NDF: 7.8/6

asym_sam_3726_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1536.507+/-0.969 χ^2/NDF : 5021.2/1

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

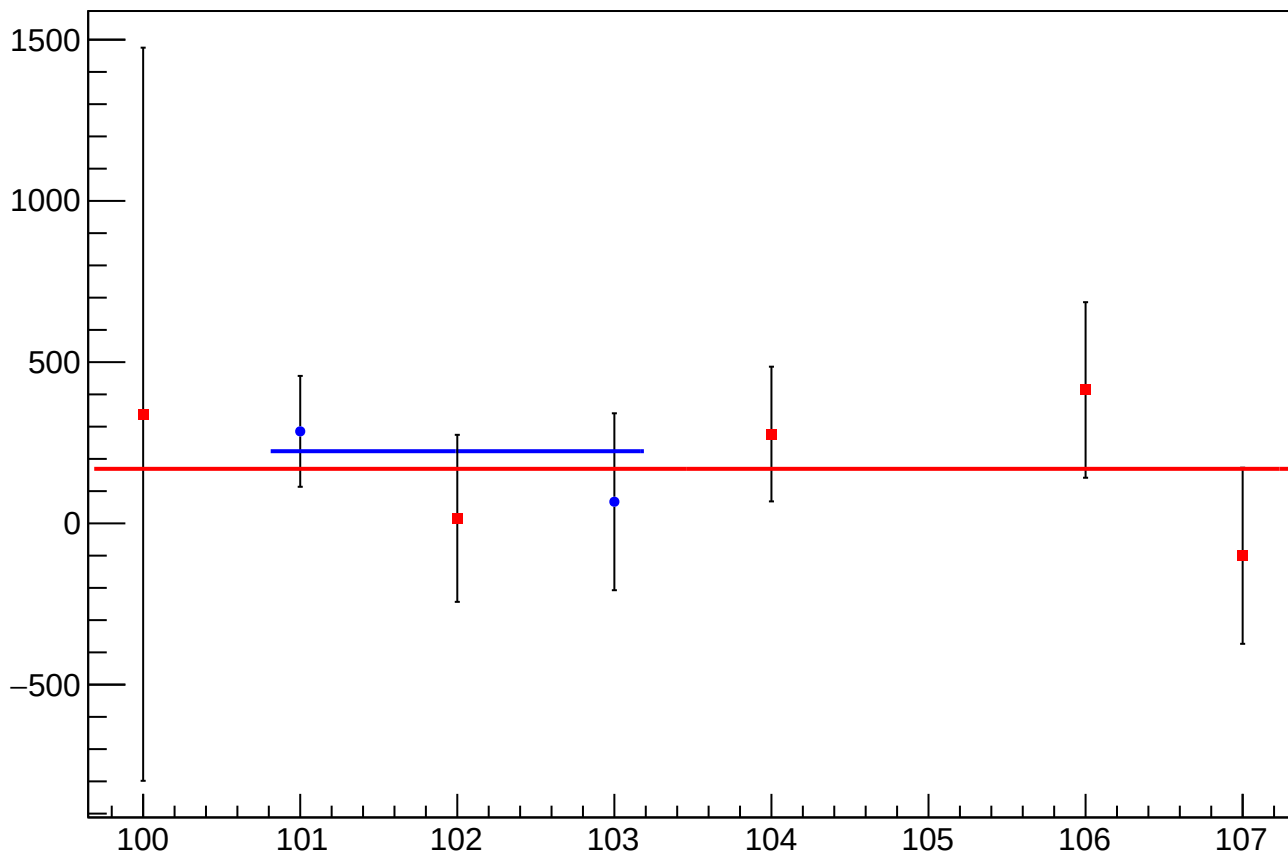
Right: 1594.363+/-0.646 χ^2/NDF : 25713.5/6

In: 1536.507+/-0.969 χ^2/NDF : 5021.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1594.363+/-0.646 χ^2/NDF : 25713.5/6

cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 223.846 $\pm$ 145.675 χ^2 /NDF: 0.5/1

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

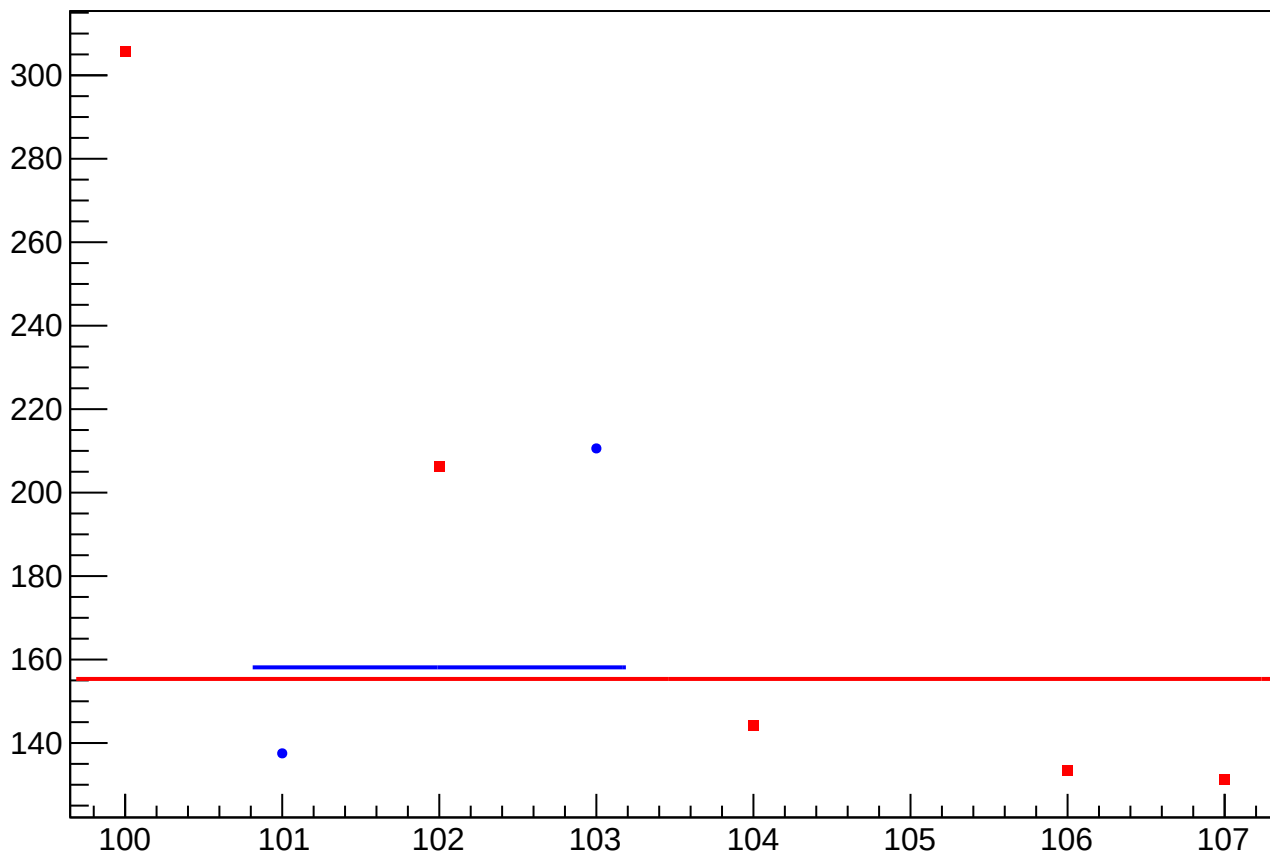
Right: 192.046 $\pm$ 94.224 χ^2 /NDF: 3.0/6

In: 223.846 $\pm$ 145.675 χ^2 /NDF: 0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 192.046 $\pm$ 94.224 χ^2 /NDF: 3.0/6

cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 158.130 $\pm$ 0.103 χ^2 /NDF: 101890.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 155.353 $\pm$ 0.087 χ^2 /NDF: 146863.1/4

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

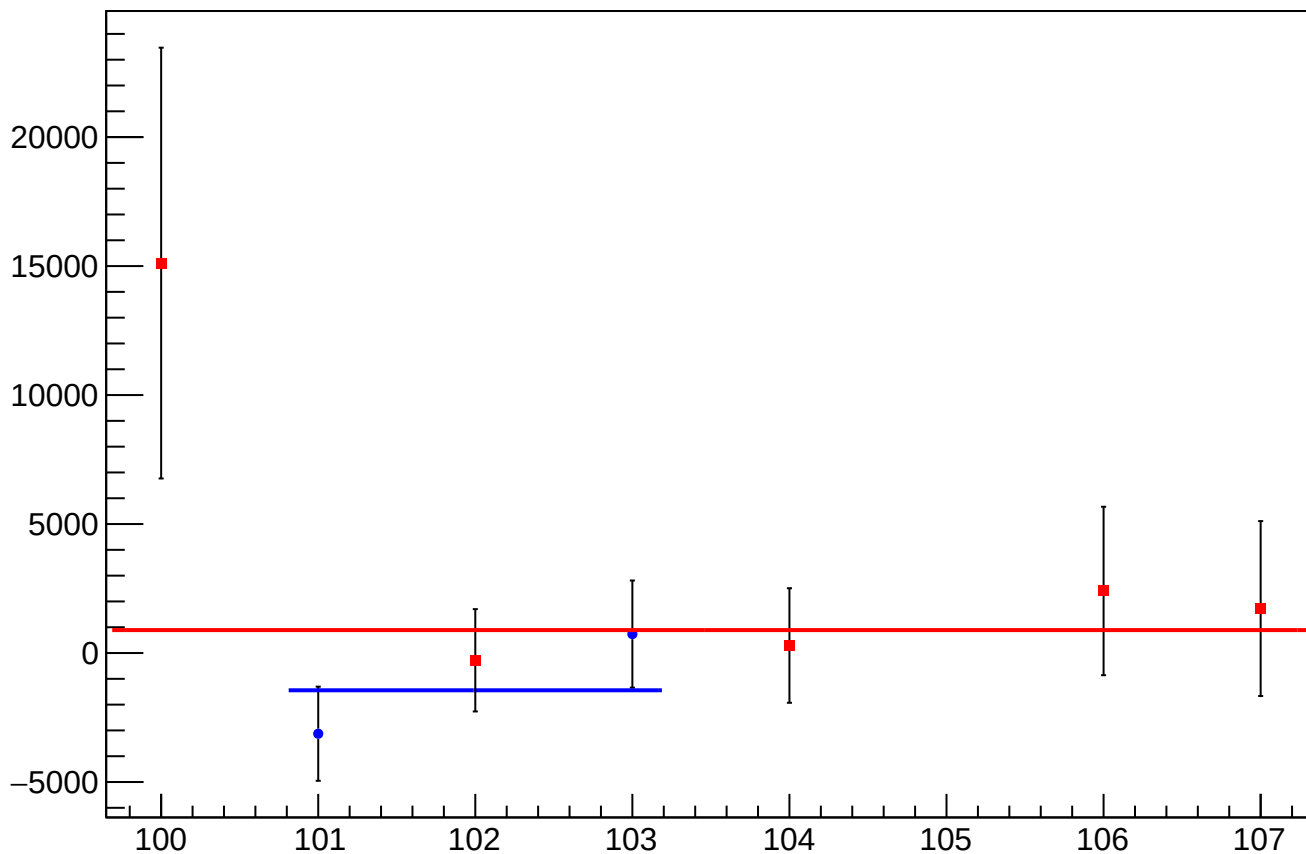
Right: 156.515 $\pm$ 0.067 χ^2 /NDF: 249176.0/6

In: 158.130 $\pm$ 0.103 χ^2 /NDF: 101890.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 156.515 $\pm$ 0.067 χ^2 /NDF: 249176.0/6

asym_sam_3726_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1444.419+/-1370.565 χ^2/NDF : 2.0/1

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

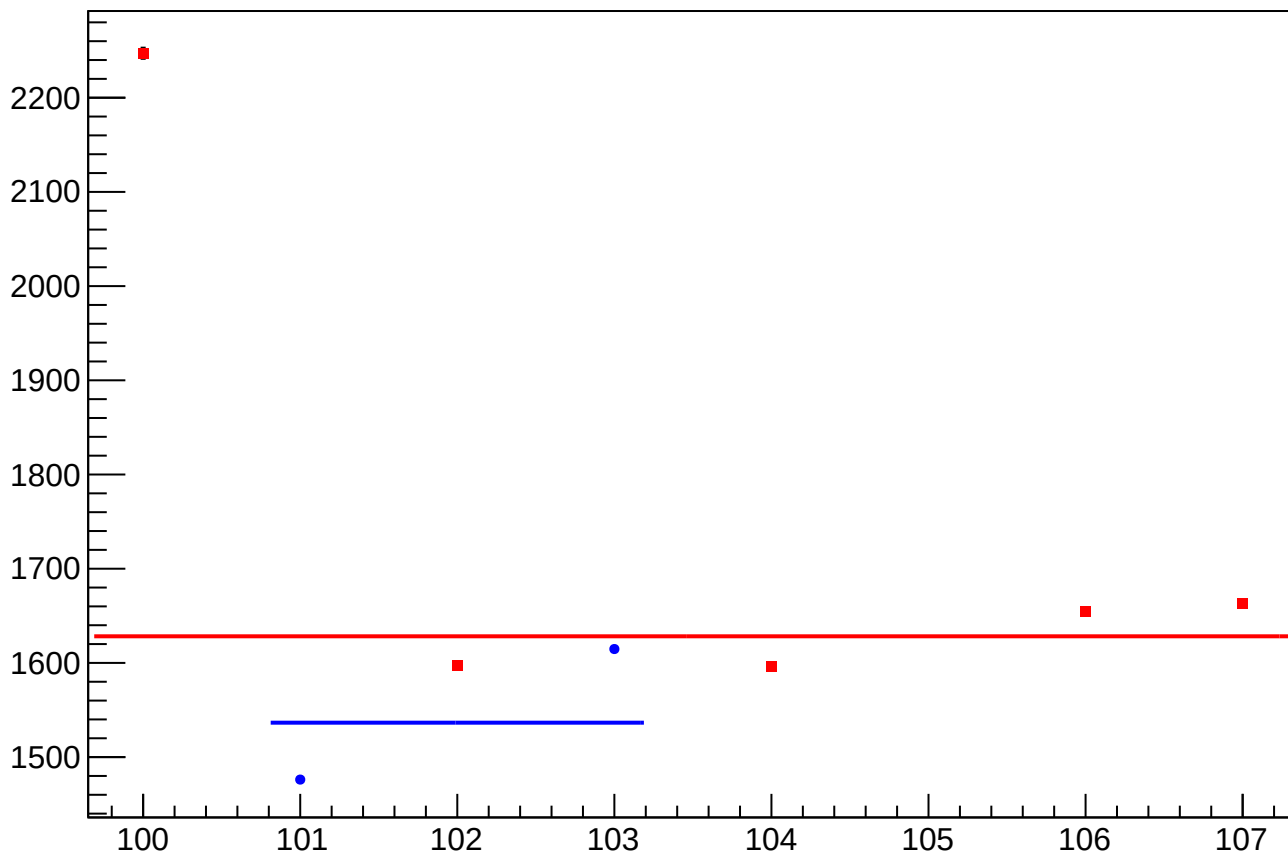
Right: -159.632+/-918.783 χ^2/NDF : 7.1/6

In: -1444.419+/-1370.565 χ^2/NDF : 2.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -159.632+/-918.783 χ^2/NDF : 7.1/6

asym_sam_3726_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1536.550+/-0.969 χ^2/NDF : 5028.4/1

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

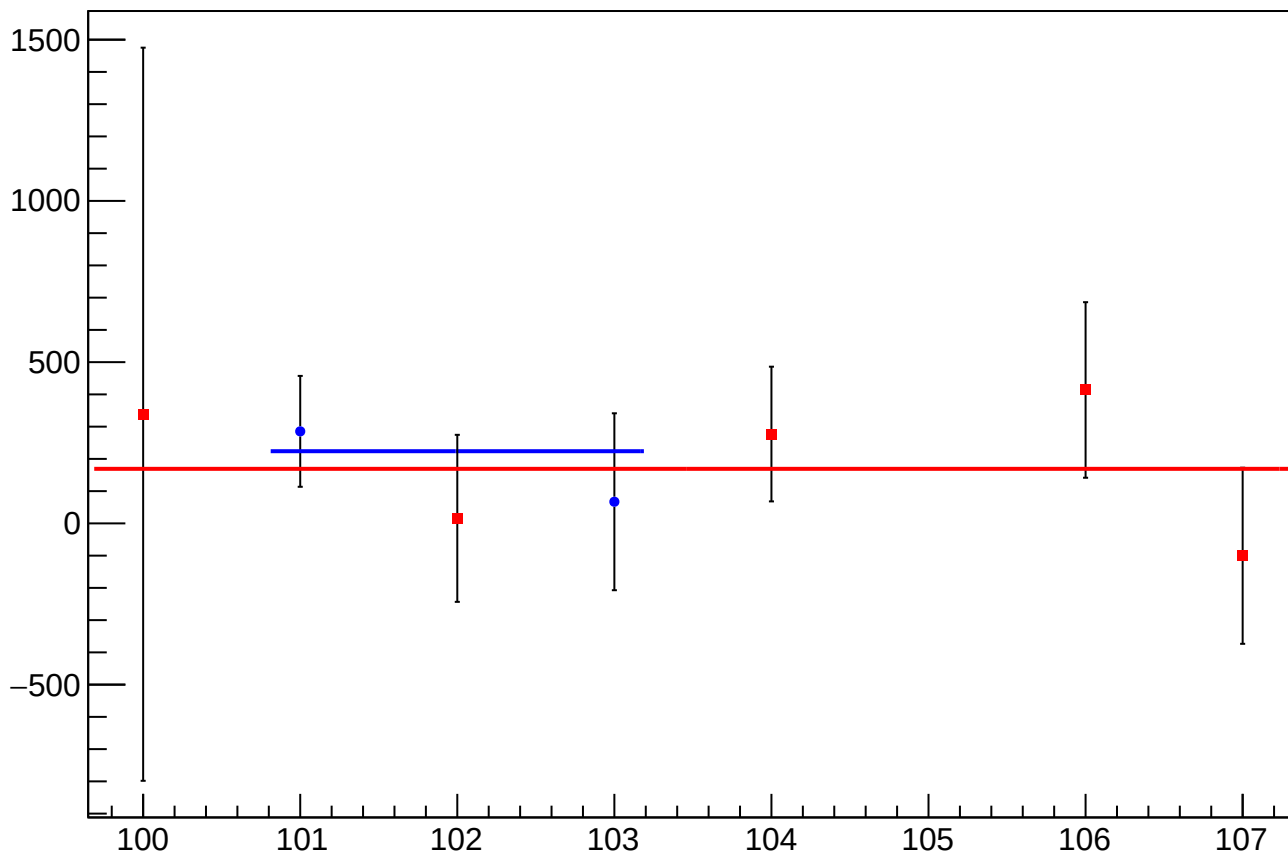
Right: 1587.039+/-0.650 χ^2/NDF : 22201.9/6

In: 1536.550+/-0.969 χ^2/NDF : 5028.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1587.039+/-0.650 χ^2/NDF : 22201.9/6

eigen_cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 223.846 $\pm$ 145.675 χ^2 /NDF: 0.5/1

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

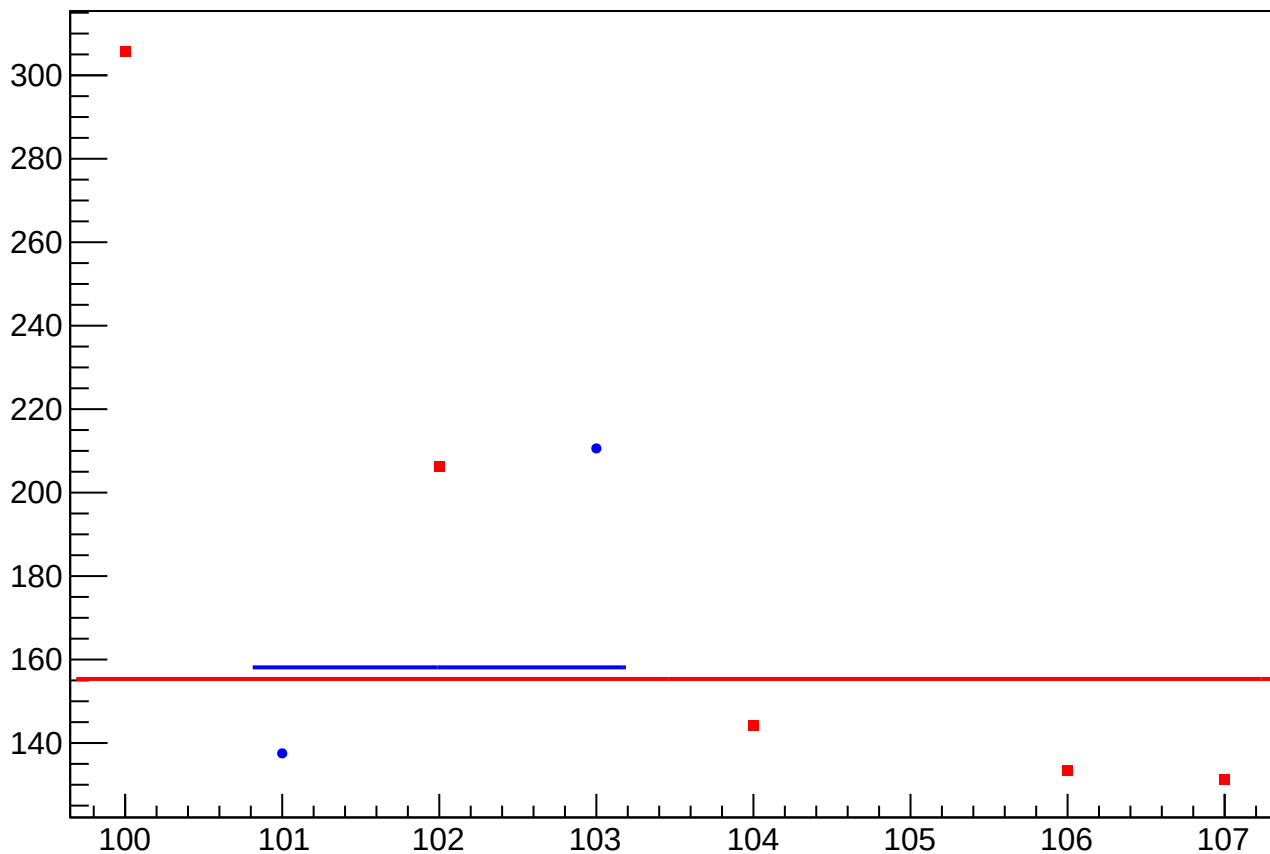
Right: 192.046 $\pm$ 94.224 χ^2 /NDF: 3.0/6

In: 223.846 $\pm$ 145.675 χ^2 /NDF: 0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 192.046 $\pm$ 94.224 χ^2 /NDF: 3.0/6

eigen_cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 158.130+/-0.103 χ^2/NDF : 101890.3/1

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

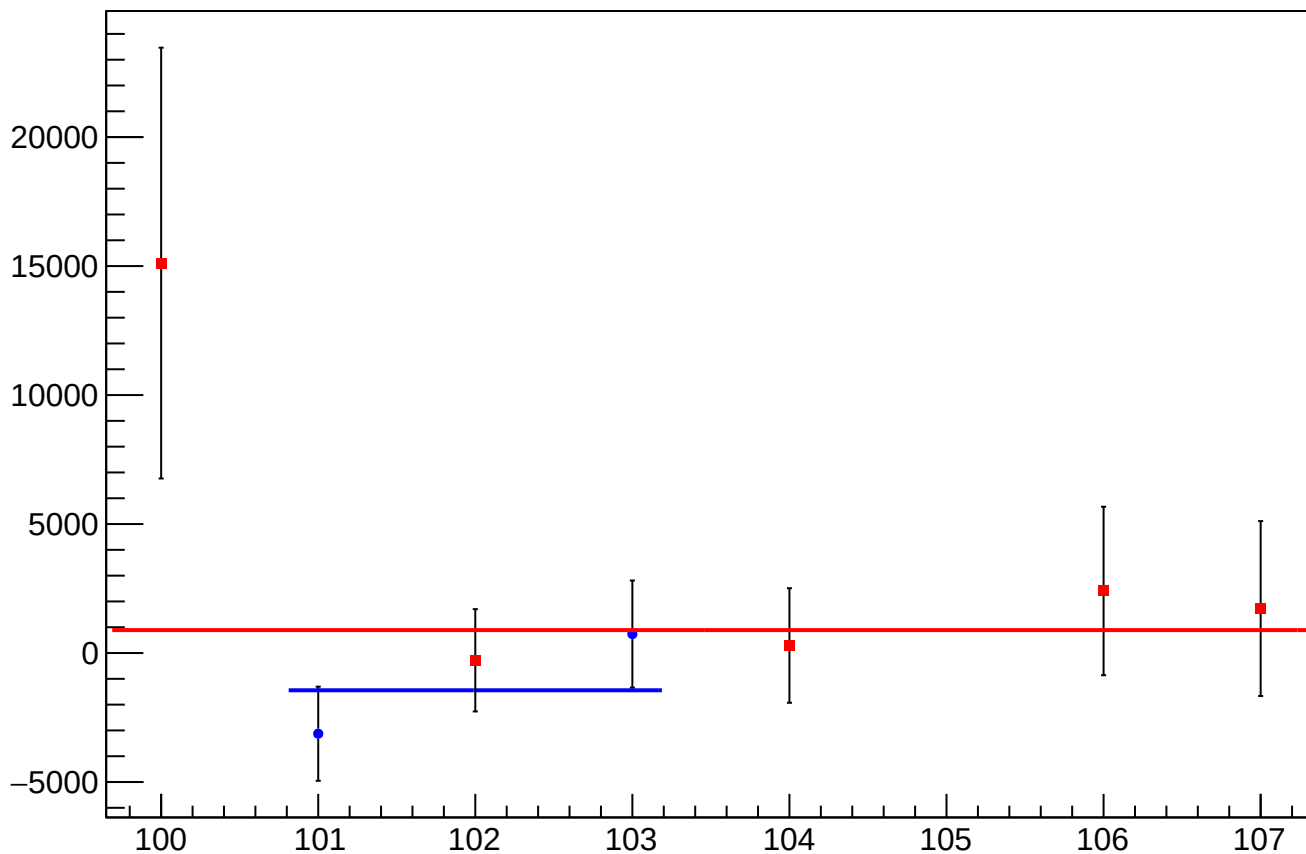
Right: 156.515+/-0.067 χ^2/NDF : 249176.0/6

In: 158.130+/-0.103 χ^2/NDF : 101890.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.515+/-0.067 χ^2/NDF : 249176.0/6

asym_sam_3726_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1444.419+/-1370.565 χ^2/NDF : 2.0/1

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

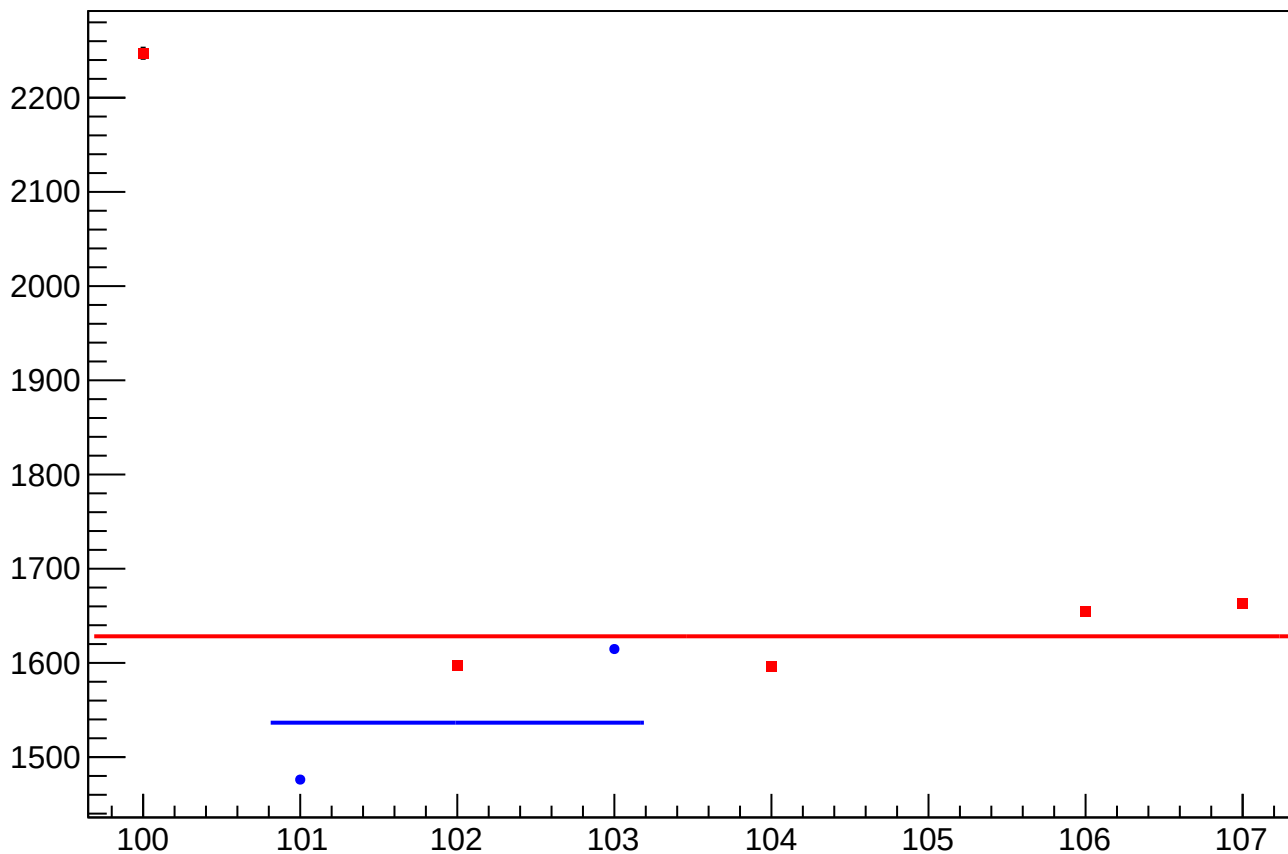
Right: -159.632+/-918.783 χ^2/NDF : 7.1/6

In: -1444.419+/-1370.565 χ^2/NDF : 2.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -159.632+/-918.783 χ^2/NDF : 7.1/6

asym_sam_3726_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1536.550+/-0.969 χ^2/NDF : 5028.4/1

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

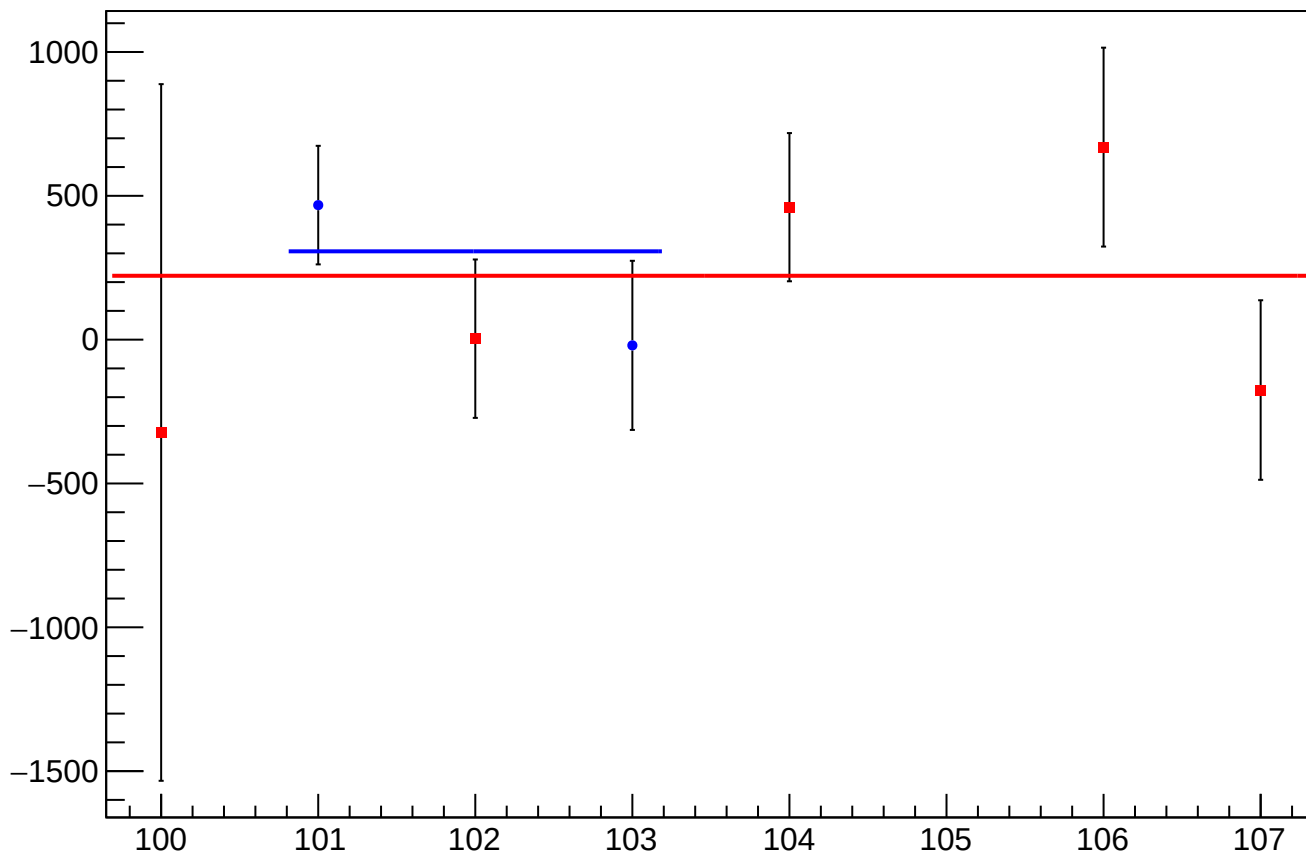
Right: 1587.039+/-0.650 χ^2/NDF : 22201.9/6

In: 1536.550+/-0.969 χ^2/NDF : 5028.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1587.039+/-0.650 χ^2/NDF : 22201.9/6

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 307.037 $\pm$ 168.752 χ^2 /NDF: 1.8/1

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

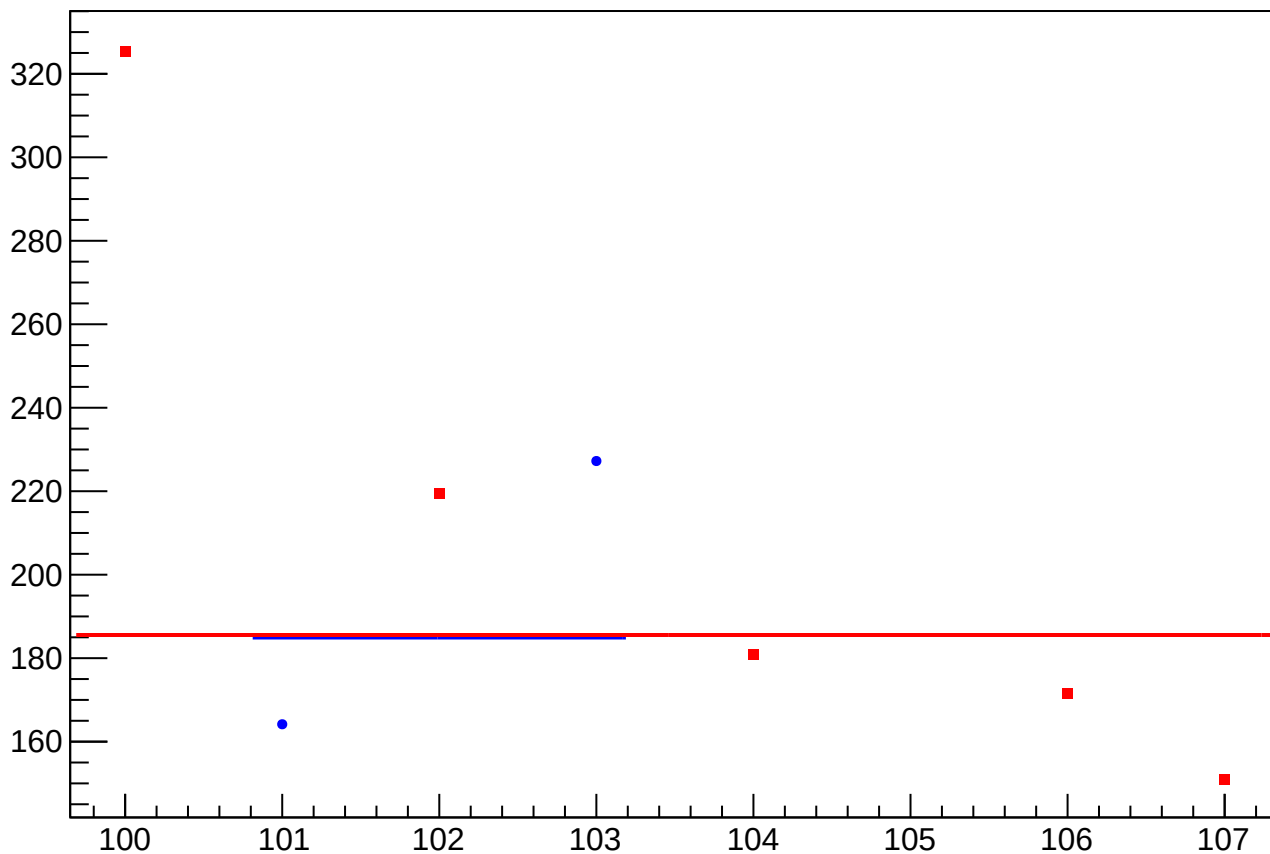
Right: 258.143 $\pm$ 109.969 χ^2 /NDF: 7.0/6

In: 307.037 $\pm$ 168.752 χ^2 /NDF:1.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 258.143 $\pm$ 109.969 χ^2 /NDF: 7.0/6

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 184.952 $\pm$ 0.119 χ^2 /NDF: 61720.4/1

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

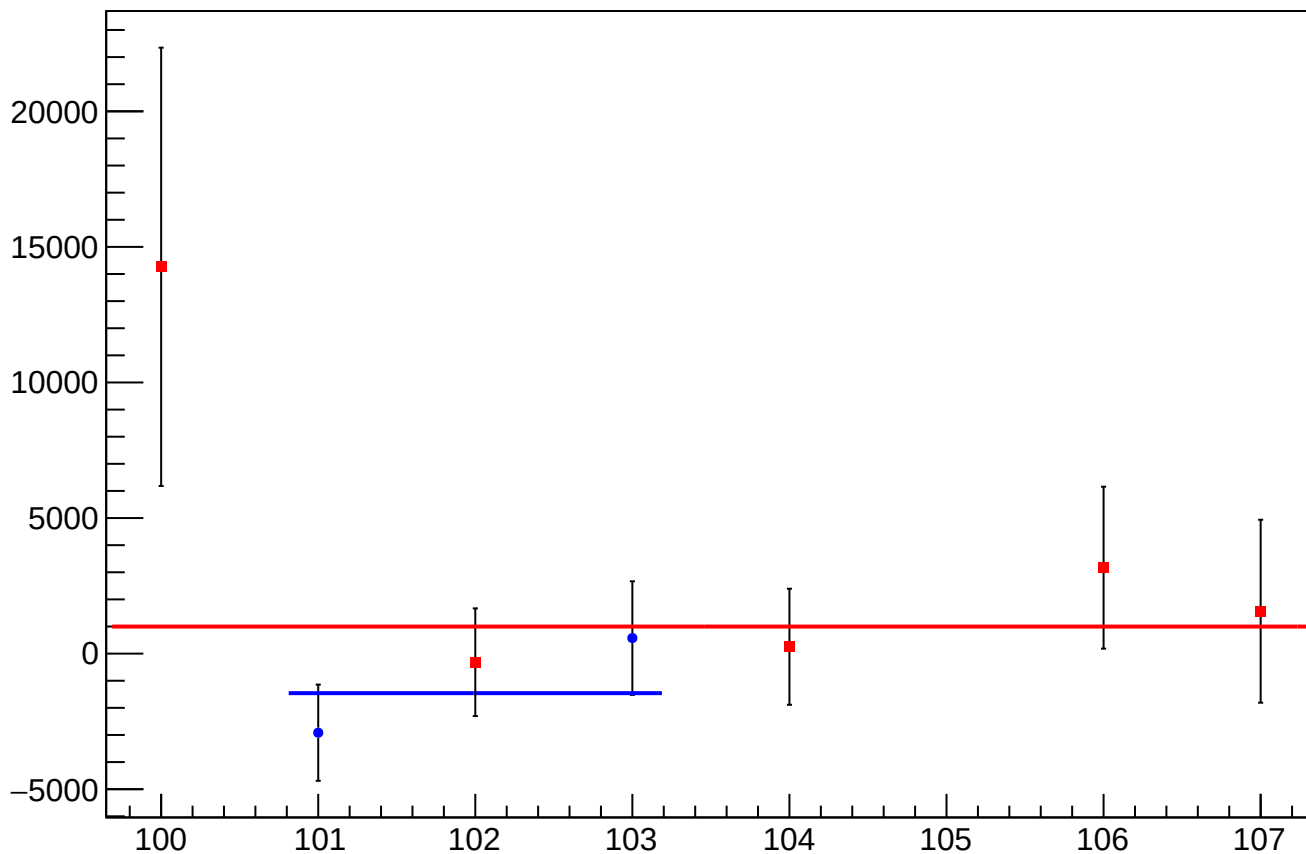
Right: 185.297 $\pm$ 0.078 χ^2 /NDF: 147399.3/6

In: 184.952 $\pm$ 0.119 χ^2 /NDF:61720.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 185.297 $\pm$ 0.078 χ^2 /NDF: 147399.3/6

asym_sam_3726_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1458.166+/-1353.507 χ^2/NDF : 1.6/1

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

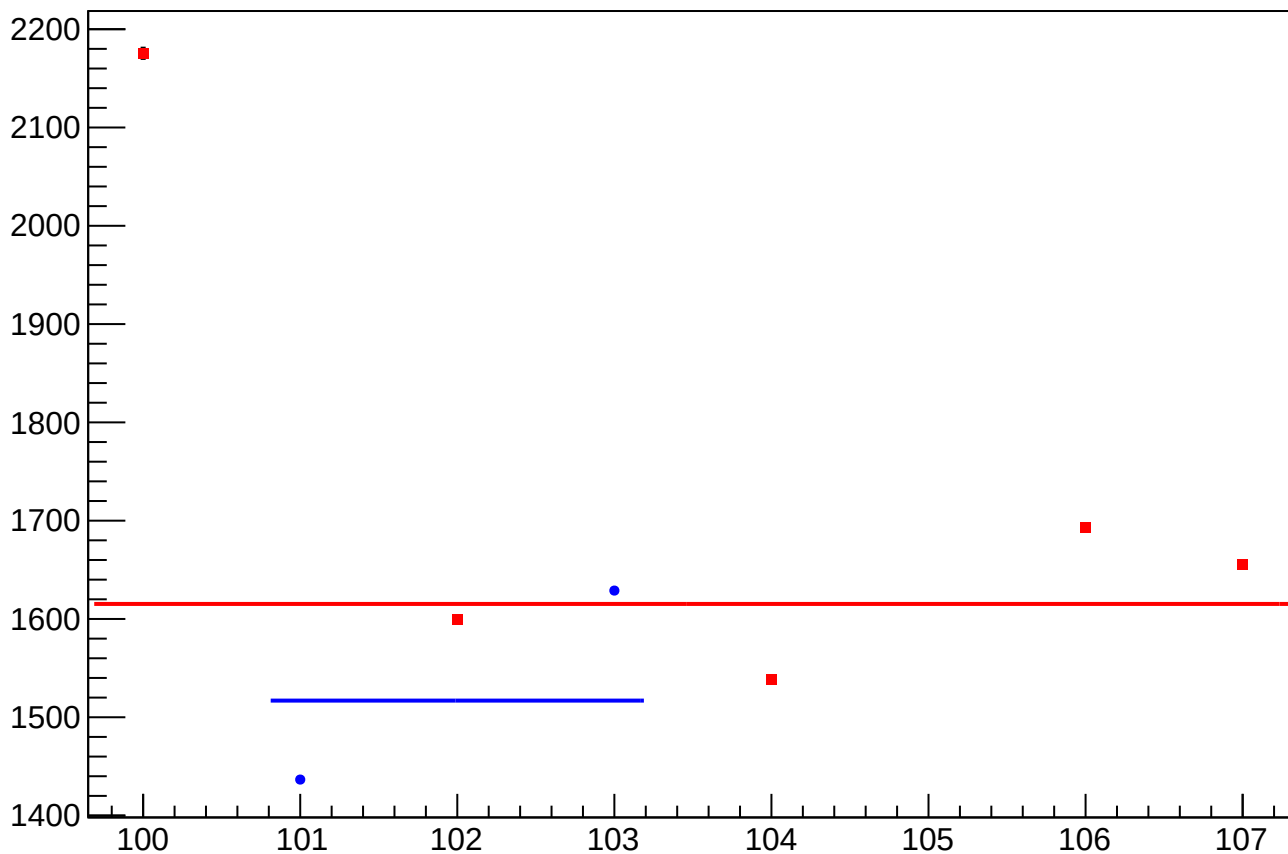
Right: -89.212+/-900.574 χ^2/NDF : 7.3/6

In: -1458.166+/-1353.507 χ^2/NDF : 1.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -89.212+/-900.574 χ^2/NDF : 7.3/6

asym_sam_3726_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1516.950+/-0.957 χ^2/NDF : 9817.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1615.288+/-0.853 χ^2/NDF : 13974.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

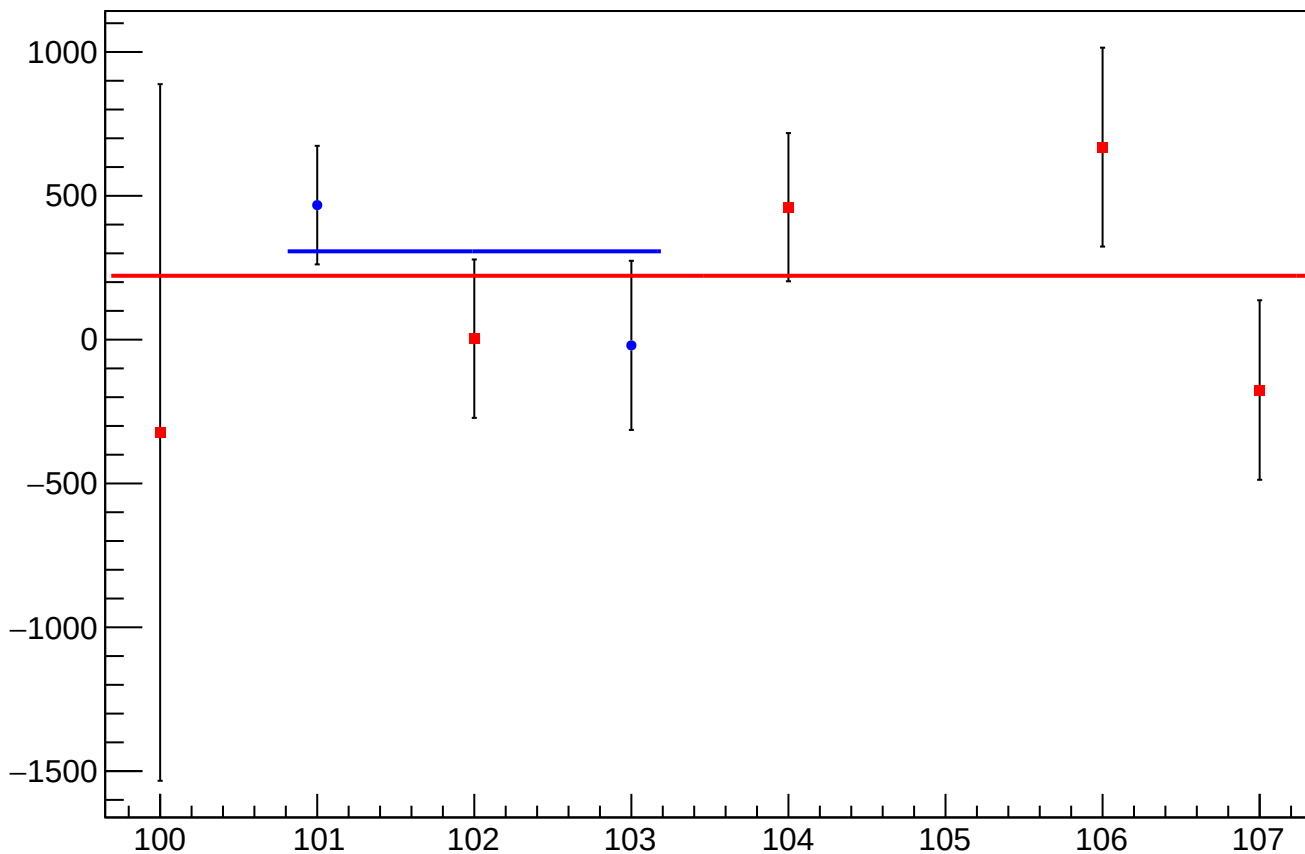
Right: 1571.753+/-0.637 χ^2/NDF : 29675.3/6

In: 1516.950+/-0.957 χ^2/NDF : 9817.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1571.753+/-0.637 χ^2/NDF : 29675.3/6

eigen_dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 307.036 $\pm$ 168.752 χ^2 /NDF: 1.8/1

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

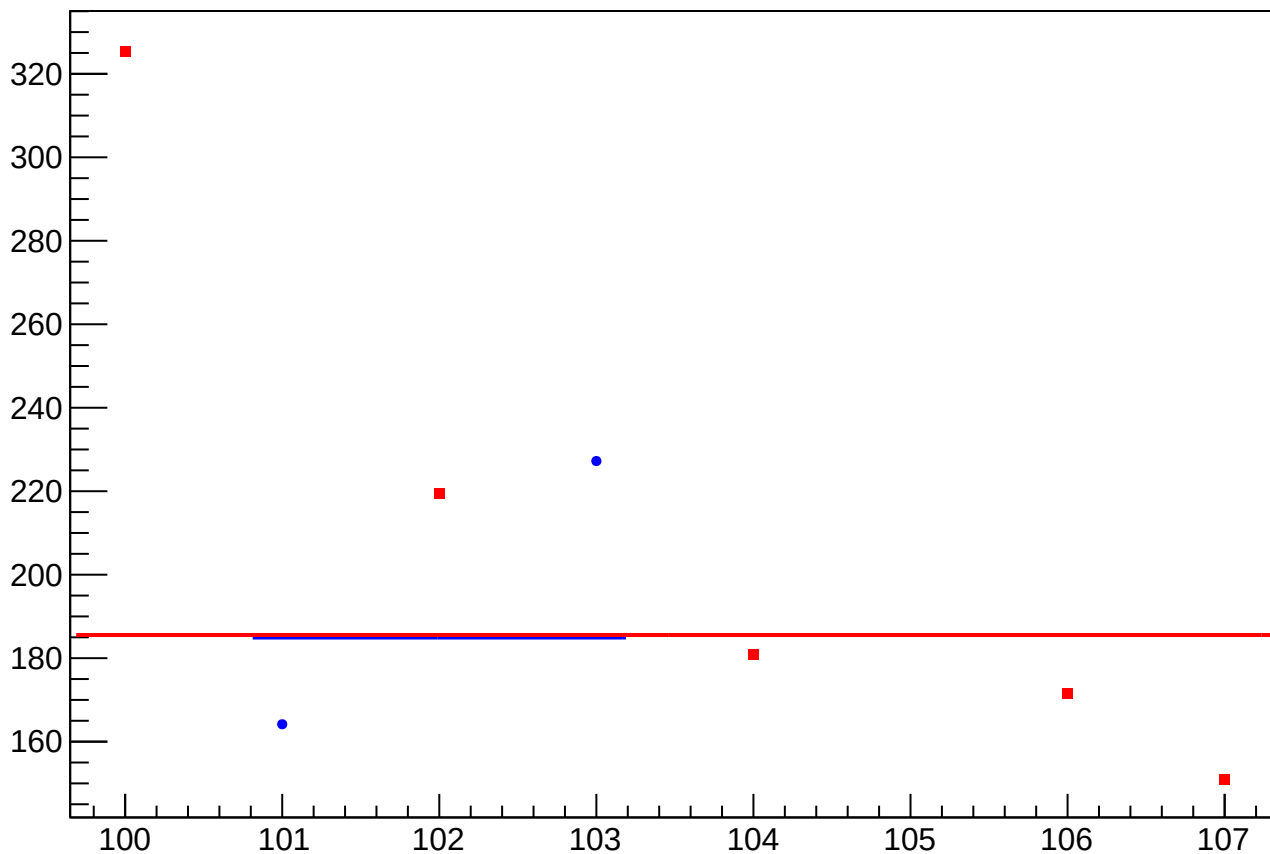
Right: 258.144 $\pm$ 109.969 χ^2 /NDF: 7.0/6

In: 307.036 $\pm$ 168.752 χ^2 /NDF:1.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 258.144 $\pm$ 109.969 χ^2 /NDF: 7.0/6

eigen_dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 184.952+/-0.119 χ^2/NDF : 61718.1/1

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

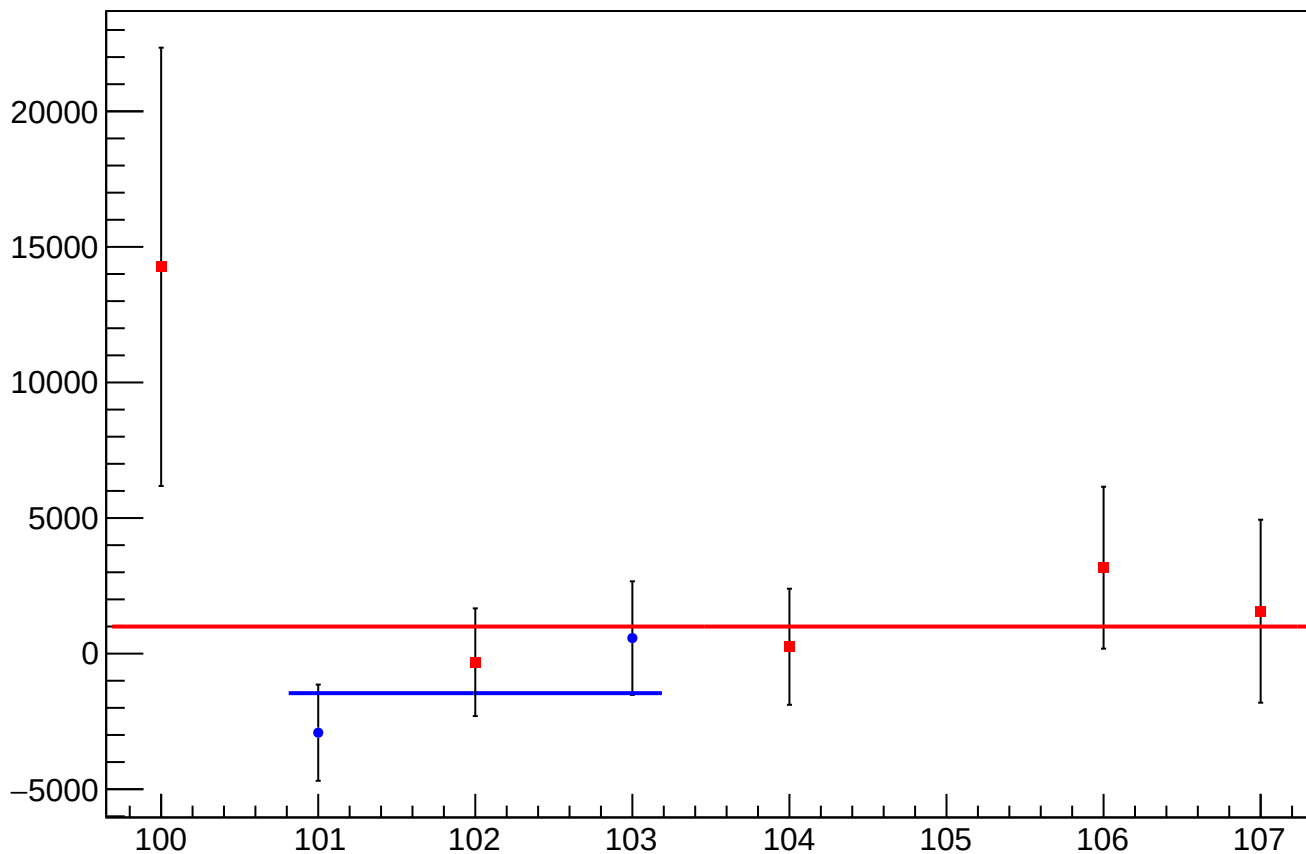
Right: 185.298+/-0.078 χ^2/NDF : 147397.2/6

In: 184.952+/-0.119 χ^2/NDF : 61718.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 185.298+/-0.078 χ^2/NDF : 147397.2/6

asym_sam_3726_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1458.162+/-1353.504 χ^2/NDF : 1.6/1

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

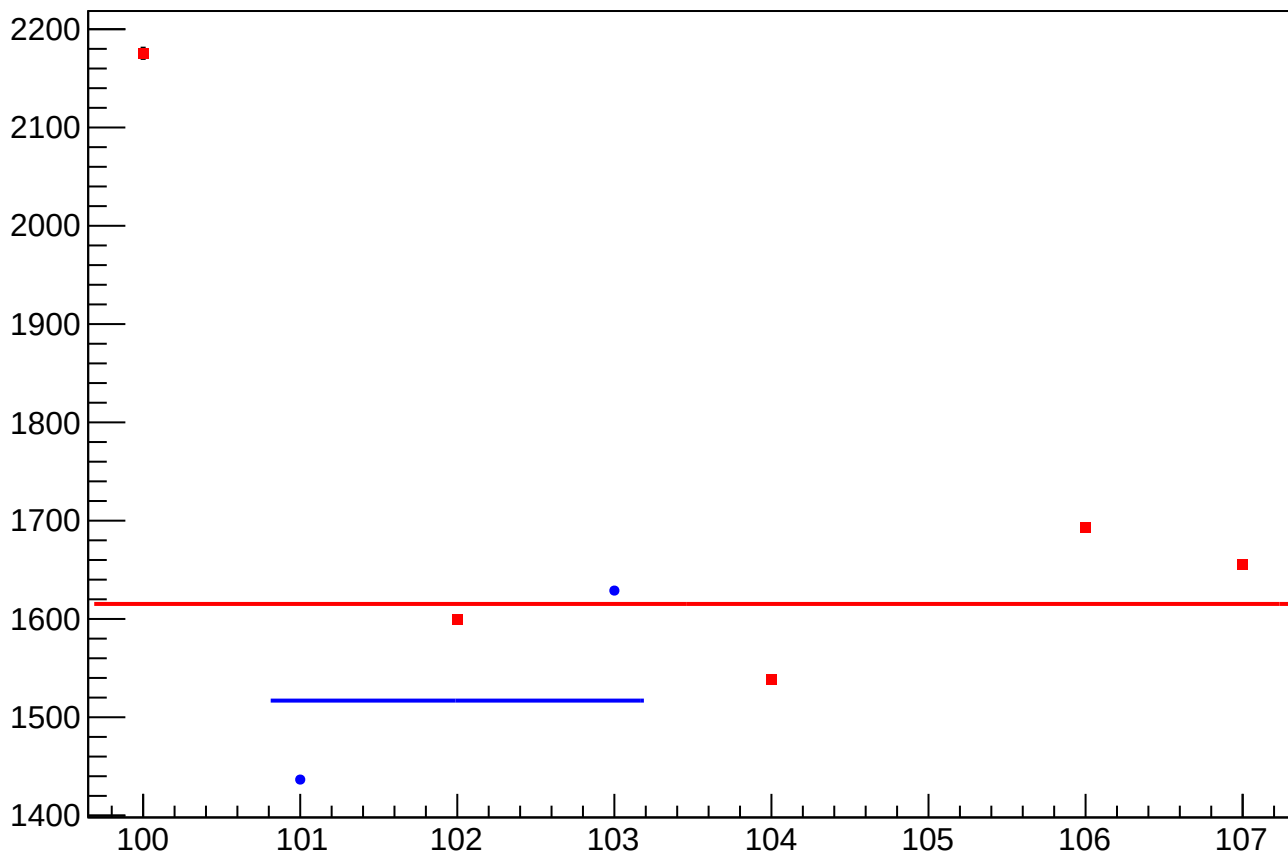
Right: -89.212+/-900.572 χ^2/NDF : 7.3/6

In: -1458.162+/-1353.504 χ^2/NDF : 1.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -89.212+/-900.572 χ^2/NDF : 7.3/6

asym_sam_3726_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1516.946 $\pm$ 0.957 χ^2 /NDF: 9816.8/1

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

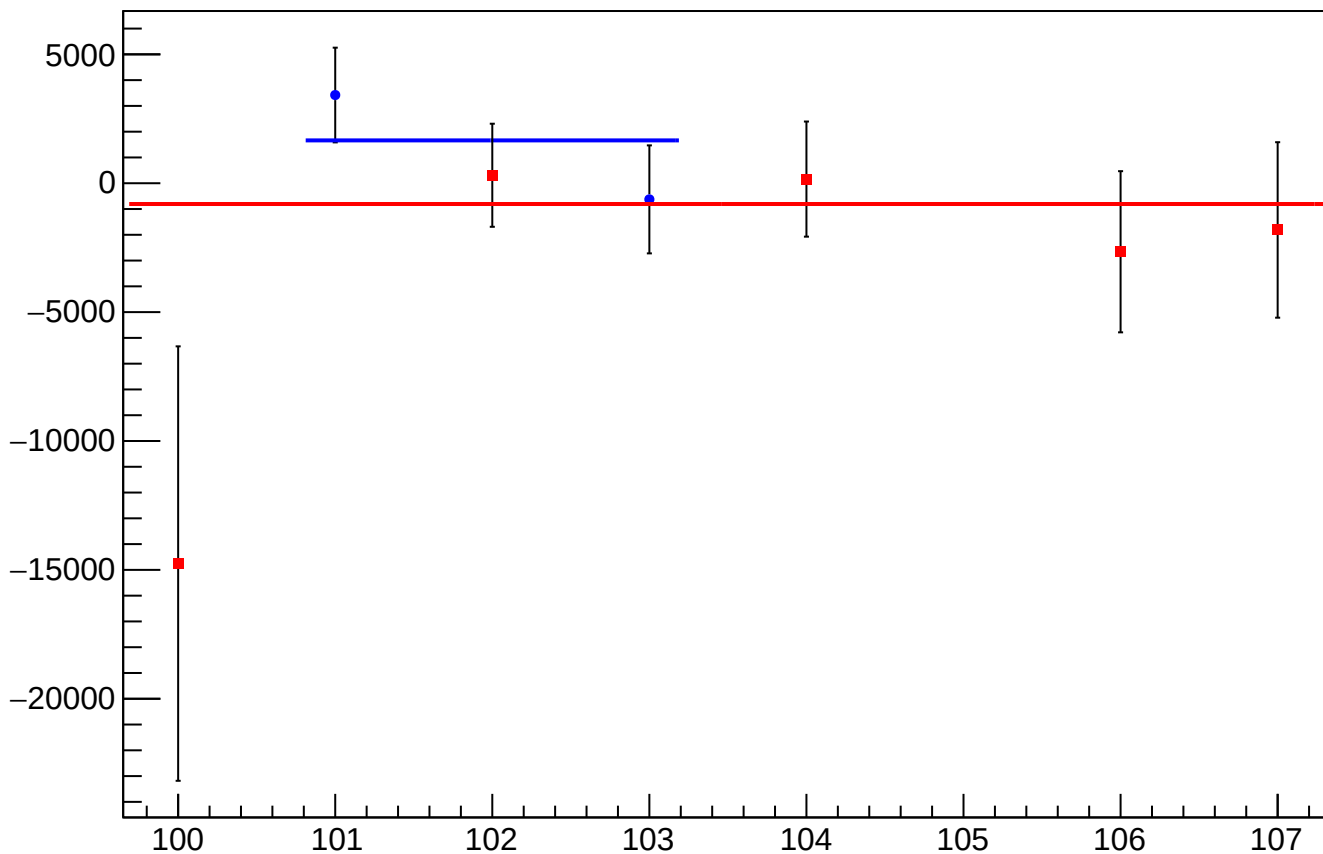
Right: 1571.749 $\pm$ 0.637 χ^2 /NDF: 29675.3/6

In: 1516.946 $\pm$ 0.957 χ^2 /NDF:9816.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1571.749 $\pm$ 0.637 χ^2 /NDF: 29675.3/6

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 1662.070 $\pm$ 1381.274 χ^2 /NDF: 2.1/1

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

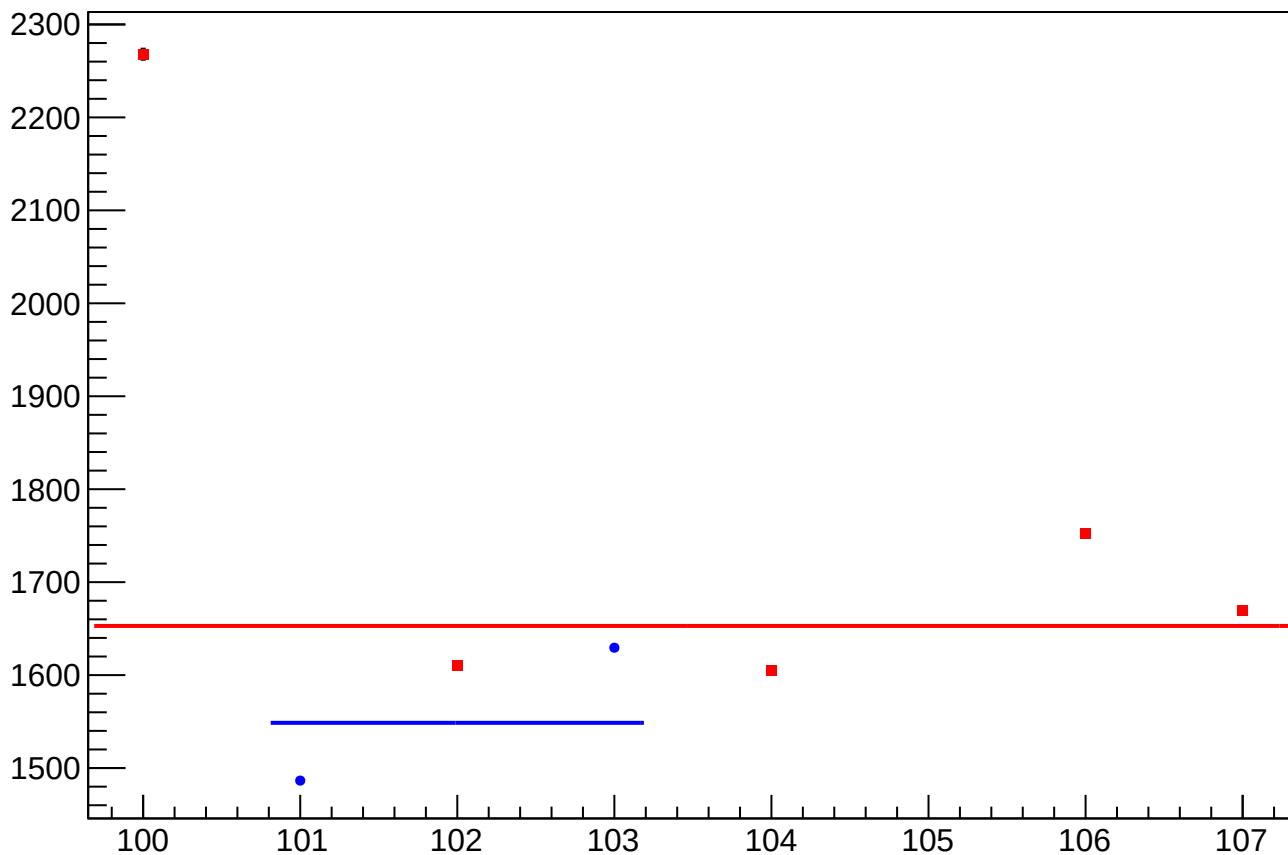
Right: 292.675 $\pm$ 921.543 χ^2 /NDF: 7.6/6

In: 1662.070 $\pm$ 1381.274 χ^2 /NDF: 2.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 292.675 $\pm$ 921.543 χ^2 /NDF: 7.6/6

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 1548.660+/-0.977 χ^2/NDF : 5264.0/1

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

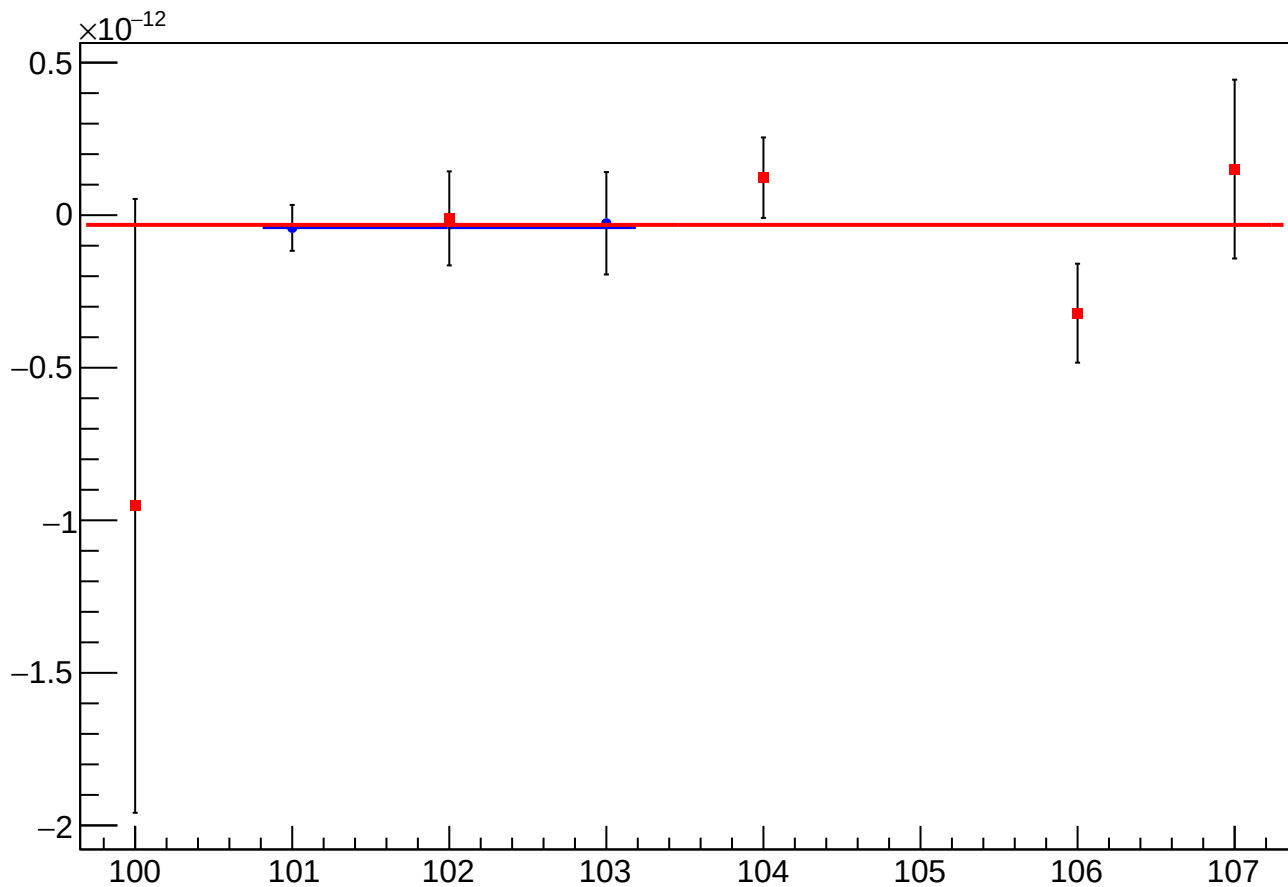
Right: 1606.502+/-0.652 χ^2/NDF : 26135.6/6

In: 1548.660+/-0.977 χ^2/NDF : 5264.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1606.502+/-0.652 χ^2/NDF : 26135.6/6

asym_sam_3726_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.0/1

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

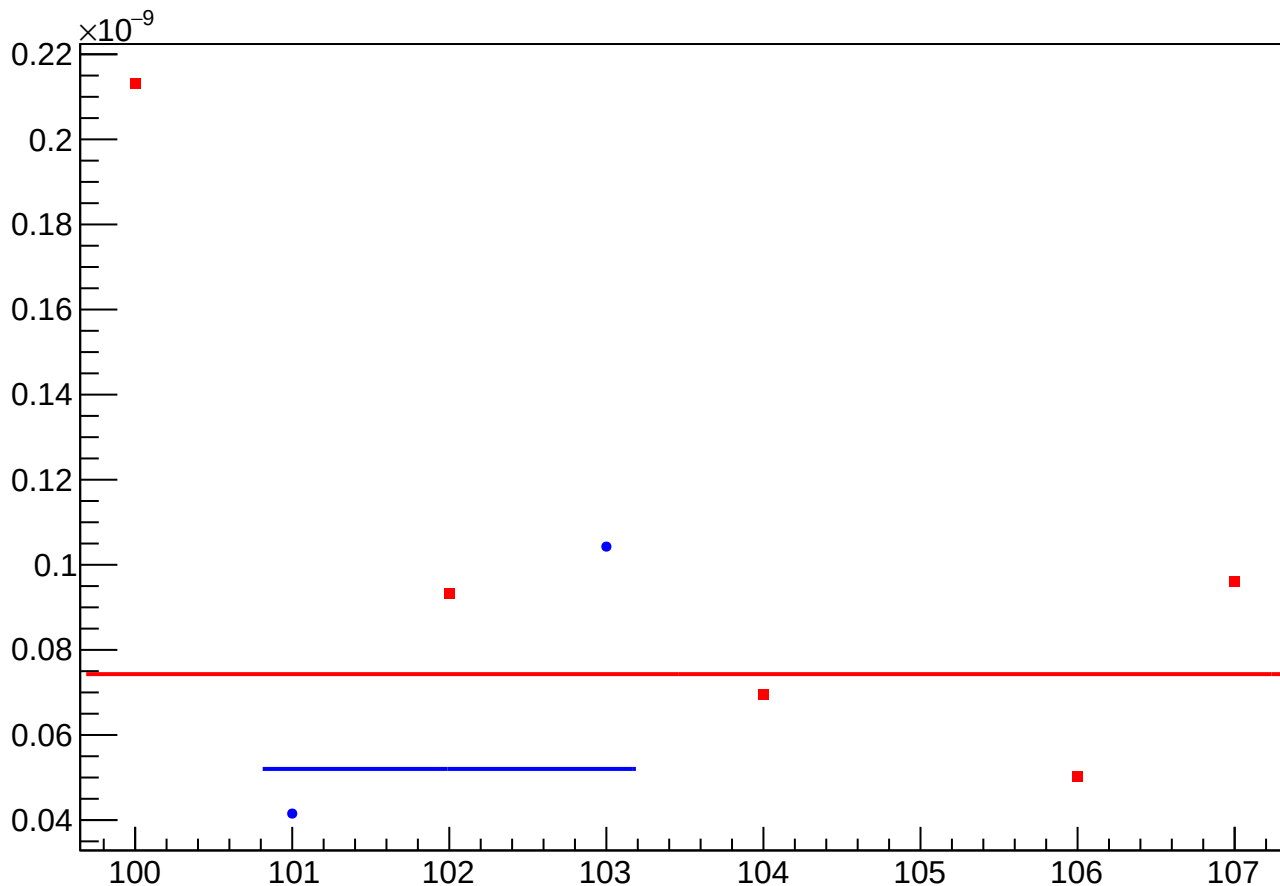
Right: -0.000+/-0.000 χ^2 /NDF: 5.8/6

In: -0.000+/-0.000 χ^2 /NDF:0.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 5.8/6

asym_sam_3726_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 232858.0/1

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

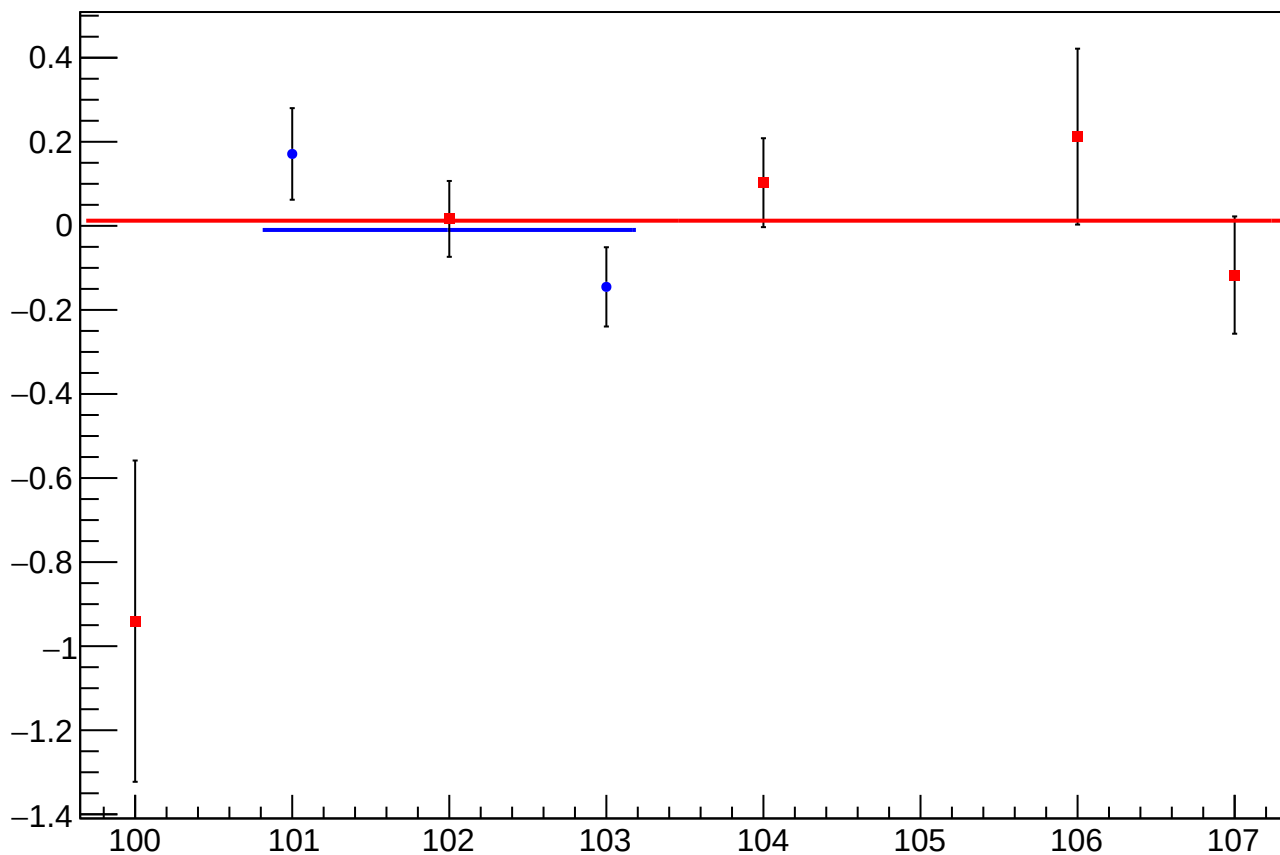
Right: 0.000+/-0.000 χ^2/NDF : 446071.2/6

In: 0.000+/-0.000 χ^2/NDF : 232858.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 446071.2/6

asym_sam_3726_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.071 χ^2 /NDF: 4.8/1

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

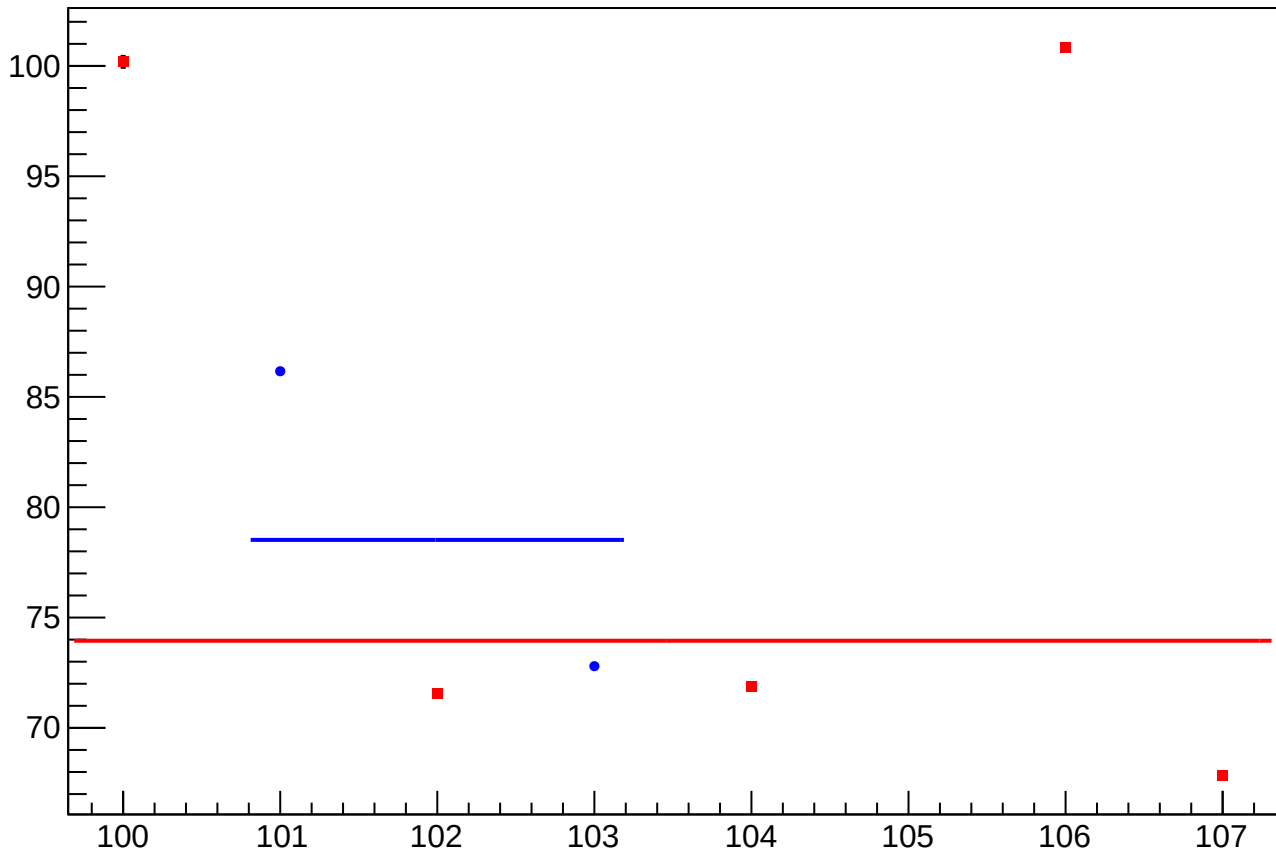
Right: 0.003 $\pm$ 0.045 χ^2 /NDF: 13.6/6

In: -0.010 $\pm$ 0.071 χ^2 /NDF:4.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.045 χ^2 /NDF: 13.6/6

asym_sam_3726_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 78.520+/-0.050 χ^2/NDF : 17207.1/1

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

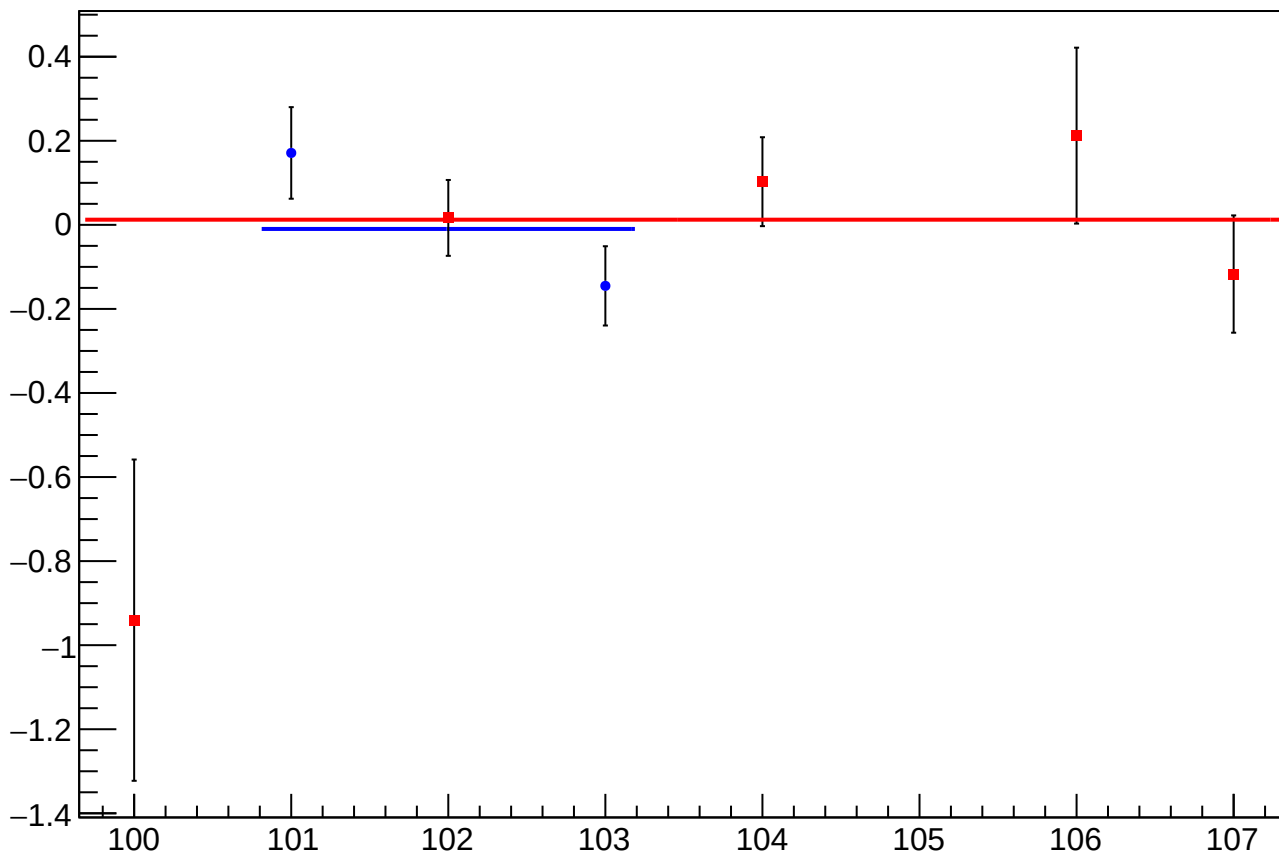
Right: 75.784+/-0.032 χ^2/NDF : 70528.5/6

In: 78.520+/-0.050 χ^2/NDF : 17207.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.784+/-0.032 χ^2/NDF : 70528.5/6

asym_sam_3726_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.071 χ^2 /NDF: 4.8/1

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

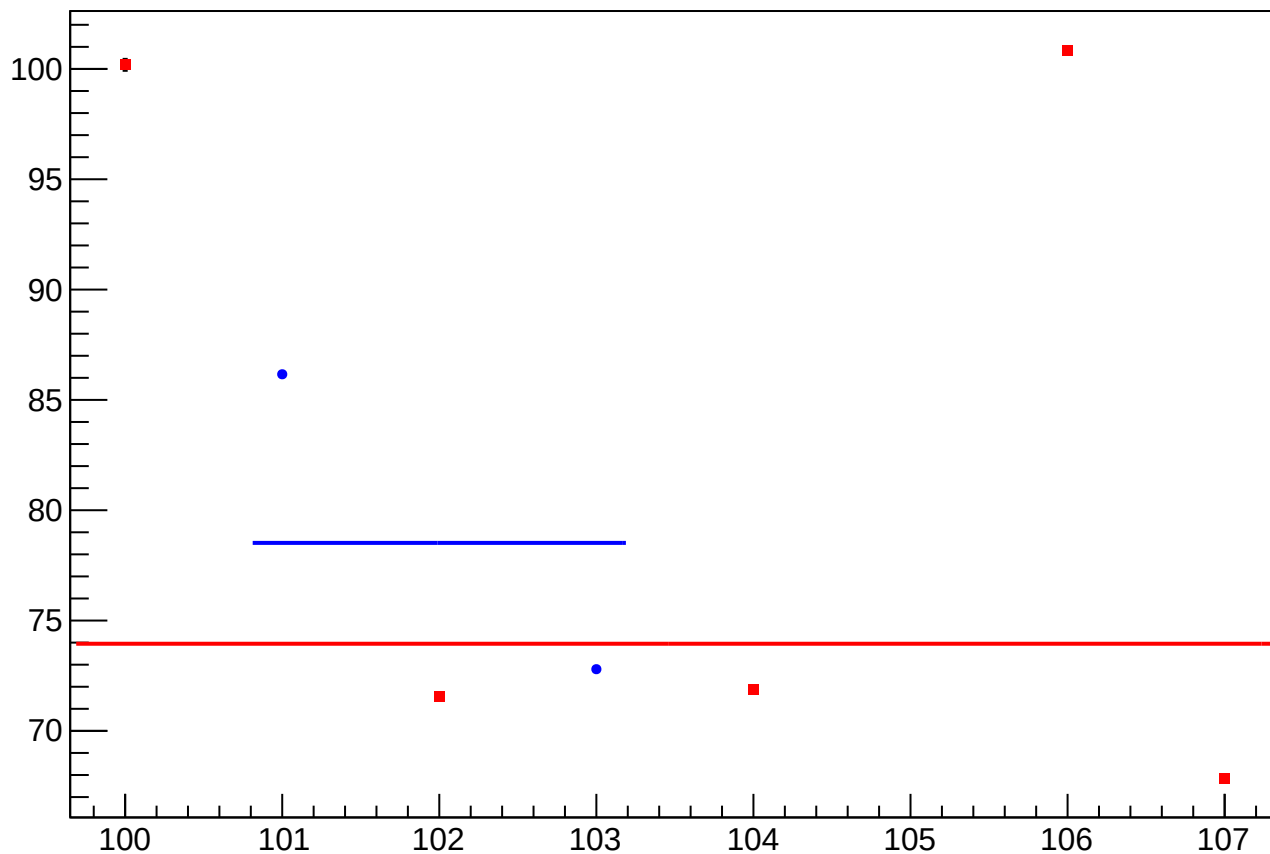
Right: 0.003 $\pm$ 0.045 χ^2 /NDF: 13.6/6

In: -0.010 $\pm$ 0.071 χ^2 /NDF:4.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.045 χ^2 /NDF: 13.6/6

asym_sam_3726_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 78.520+/-0.050 χ^2/NDF : 17207.1/1

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

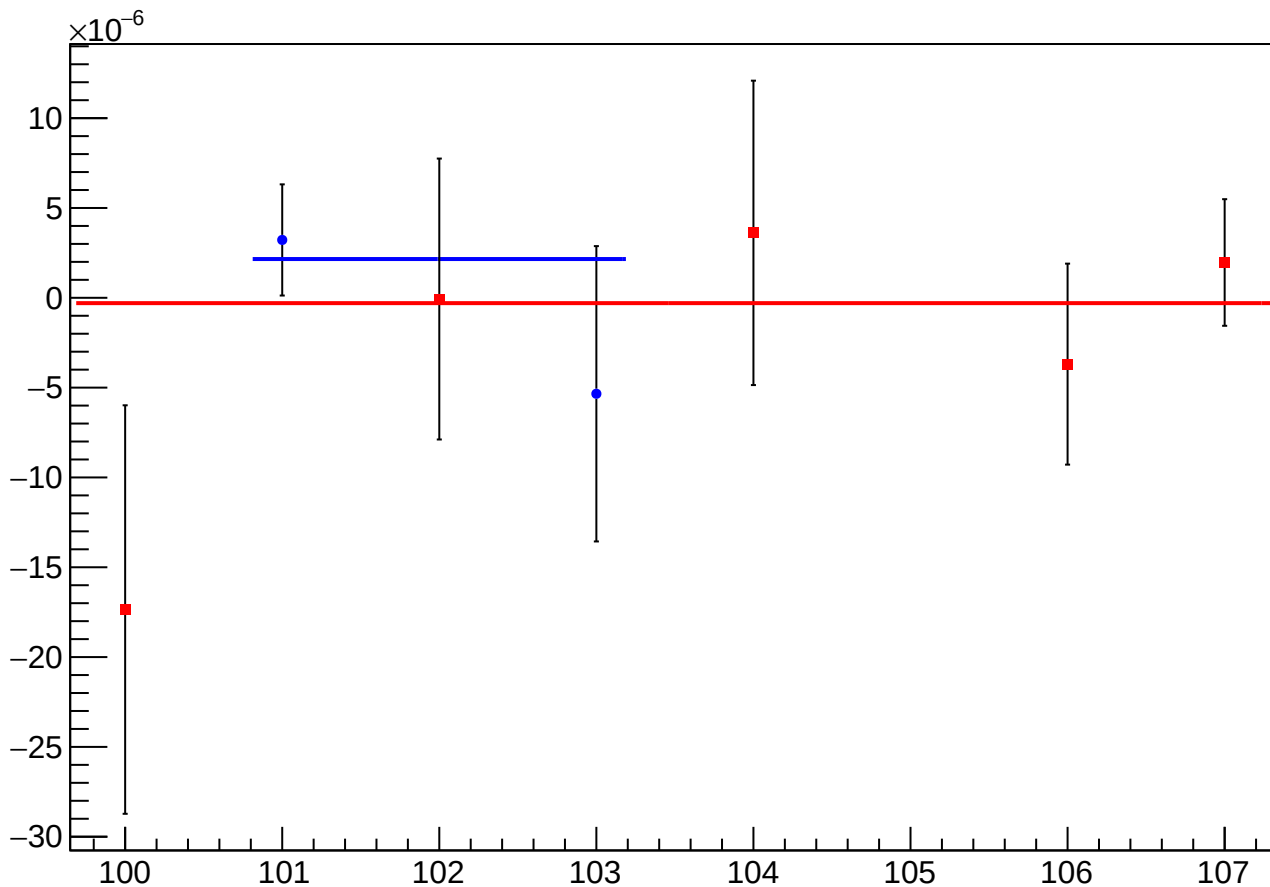
Right: 75.784+/-0.032 χ^2/NDF : 70528.5/6

In: 78.520+/-0.050 χ^2/NDF : 17207.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.784+/-0.032 χ^2/NDF : 70528.5/6

asym_sam_3726_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.0/1

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

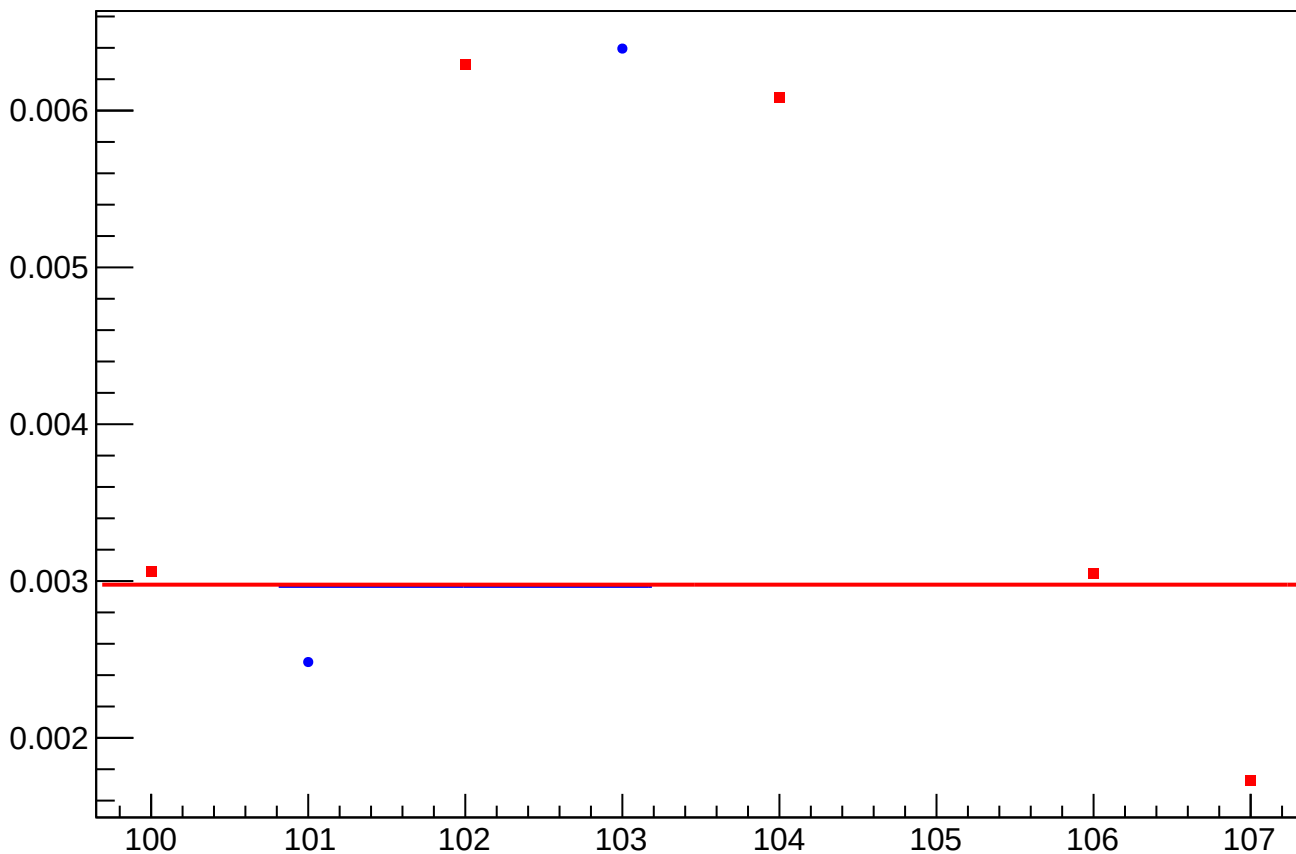
Right: 0.000+/-0.000 χ^2/NDF : 4.6/6

In: 0.000+/-0.000 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.6/6

asym_sam_3726_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 396678.5/1

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

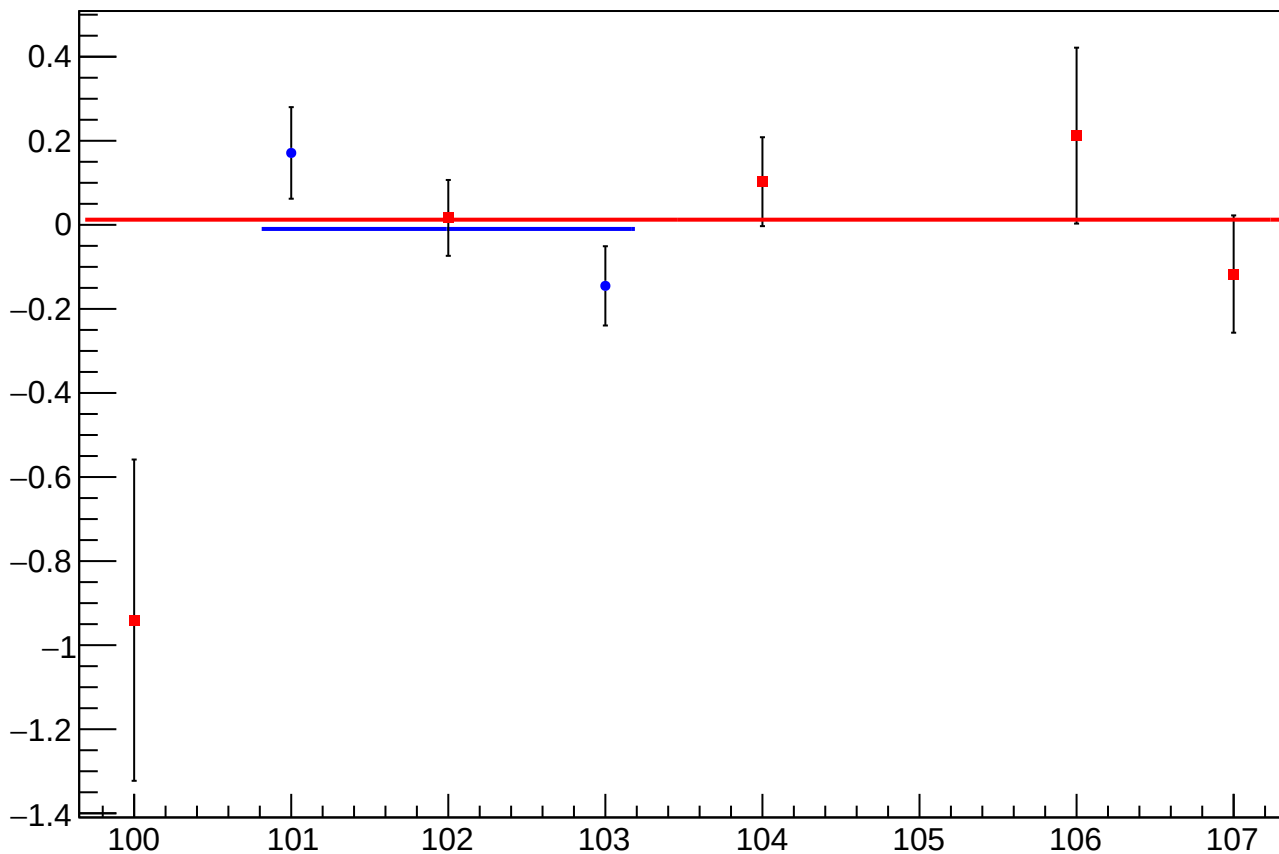
Right: 0.003+/-0.000 χ^2/NDF : 1277561.7/6

In: 0.003+/-0.000 χ^2/NDF : 396678.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 1277561.7/6

asym_sam_3726_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.071 χ^2 /NDF: 4.8/1

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

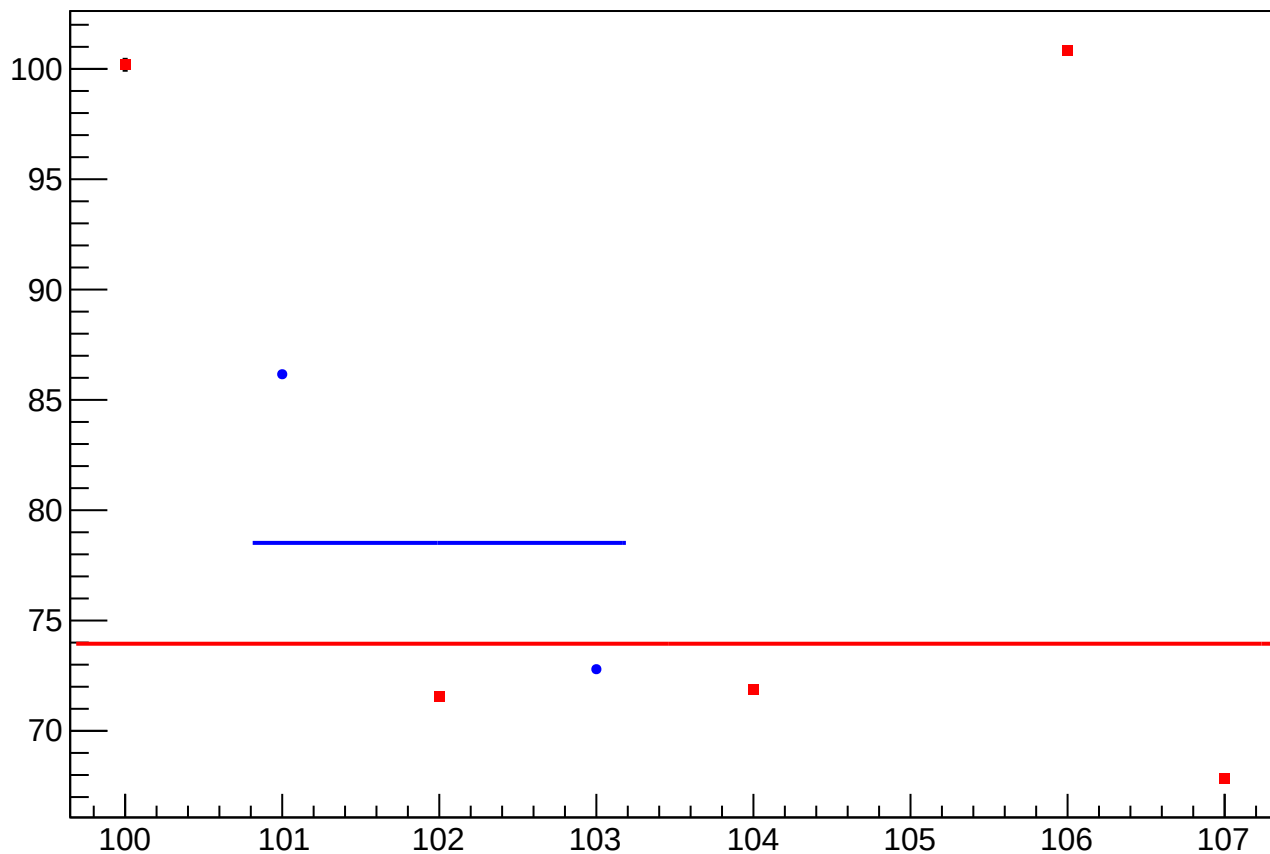
Right: 0.003 $\pm$ 0.045 χ^2 /NDF: 13.6/6

In: -0.010 $\pm$ 0.071 χ^2 /NDF:4.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.045 χ^2 /NDF: 13.6/6

asym_sam_3726_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 78.520+/-0.050 χ^2/NDF : 17211.3/1

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

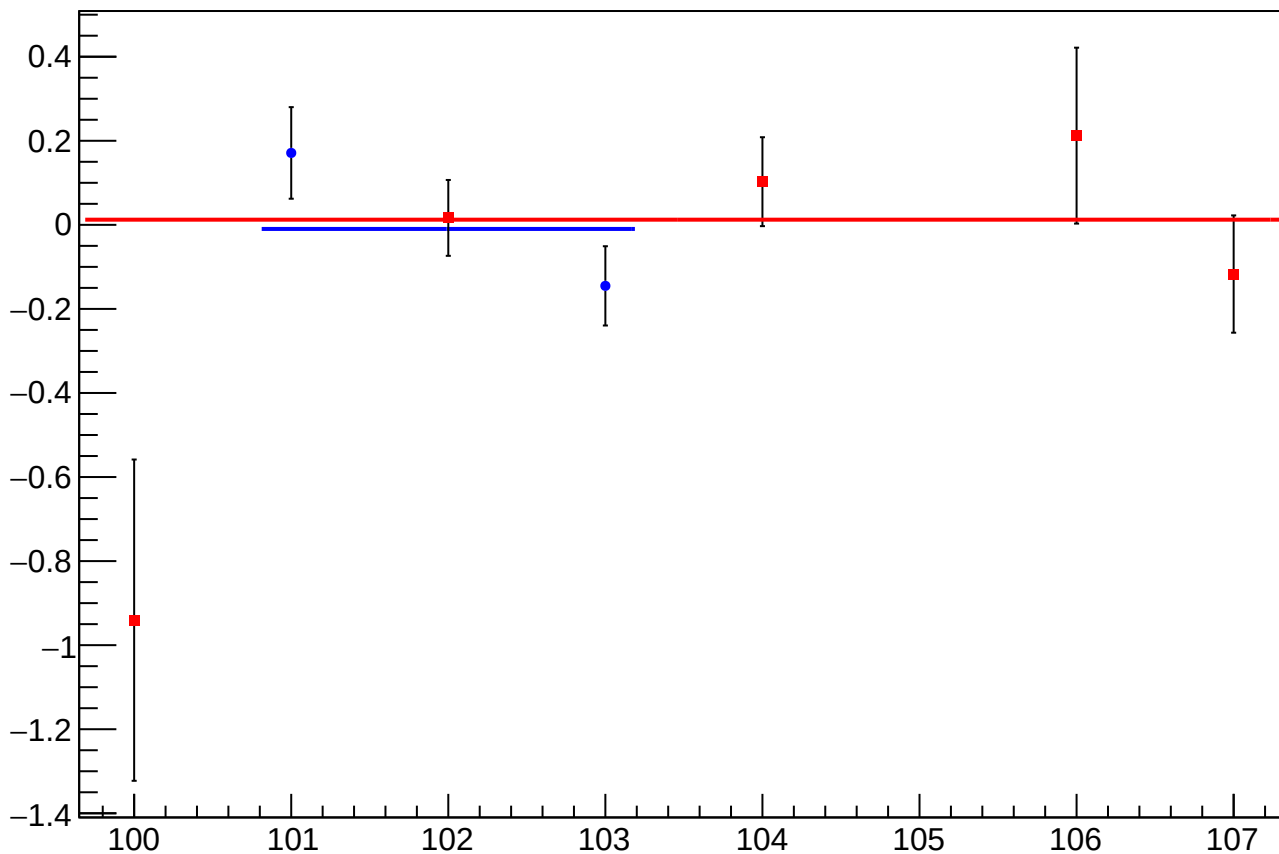
Right: 75.784+/-0.032 χ^2/NDF : 70530.9/6

In: 78.520+/-0.050 χ^2/NDF : 17211.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.784+/-0.032 χ^2/NDF : 70530.9/6

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.071 χ^2 /NDF: 4.8/1

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

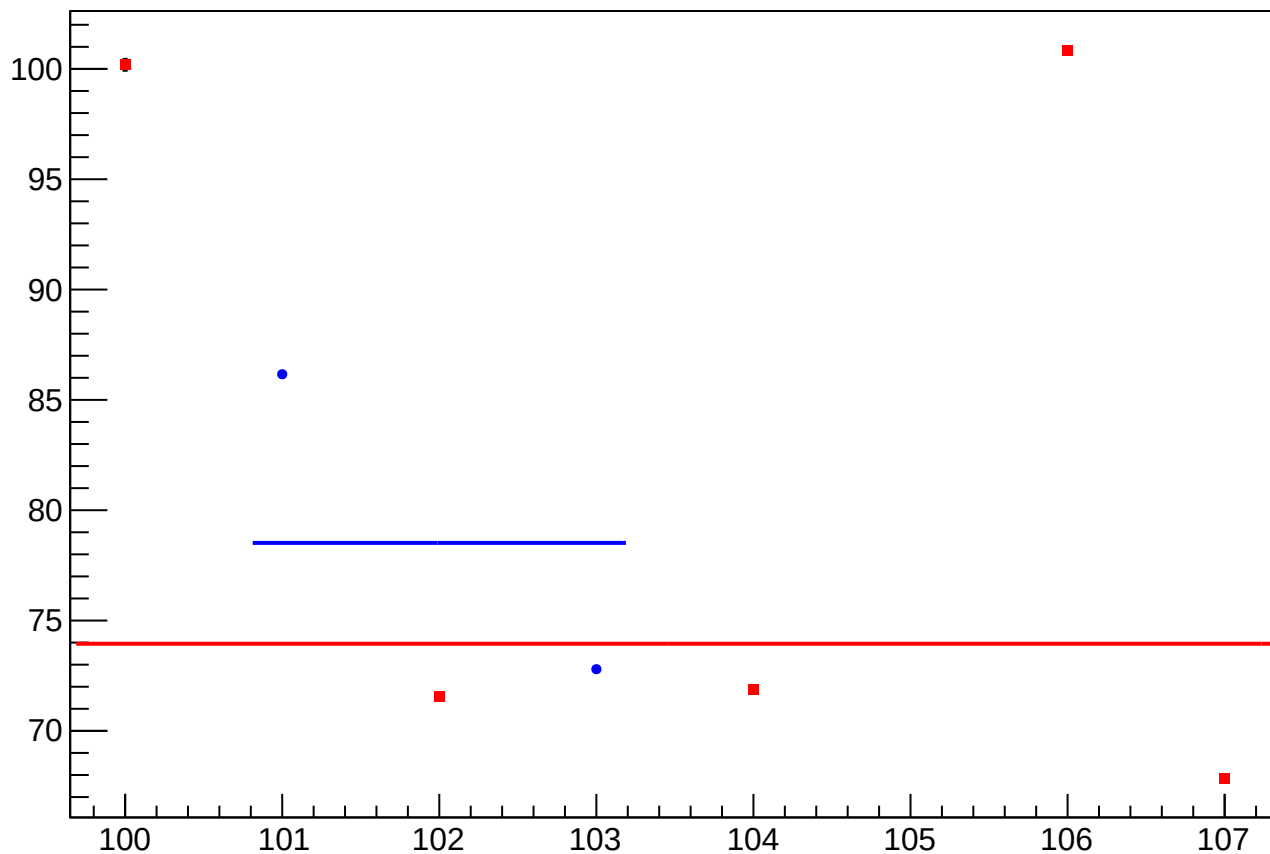
Right: 0.003 $\pm$ 0.045 χ^2 /NDF: 13.6/6

In: -0.010 $\pm$ 0.071 χ^2 /NDF:4.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.045 χ^2 /NDF: 13.6/6

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 78.520 $\pm$ 0.050 χ^2 /NDF: 17211.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 73.949 $\pm$ 0.041 χ^2 /NDF: 48401.8/4

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

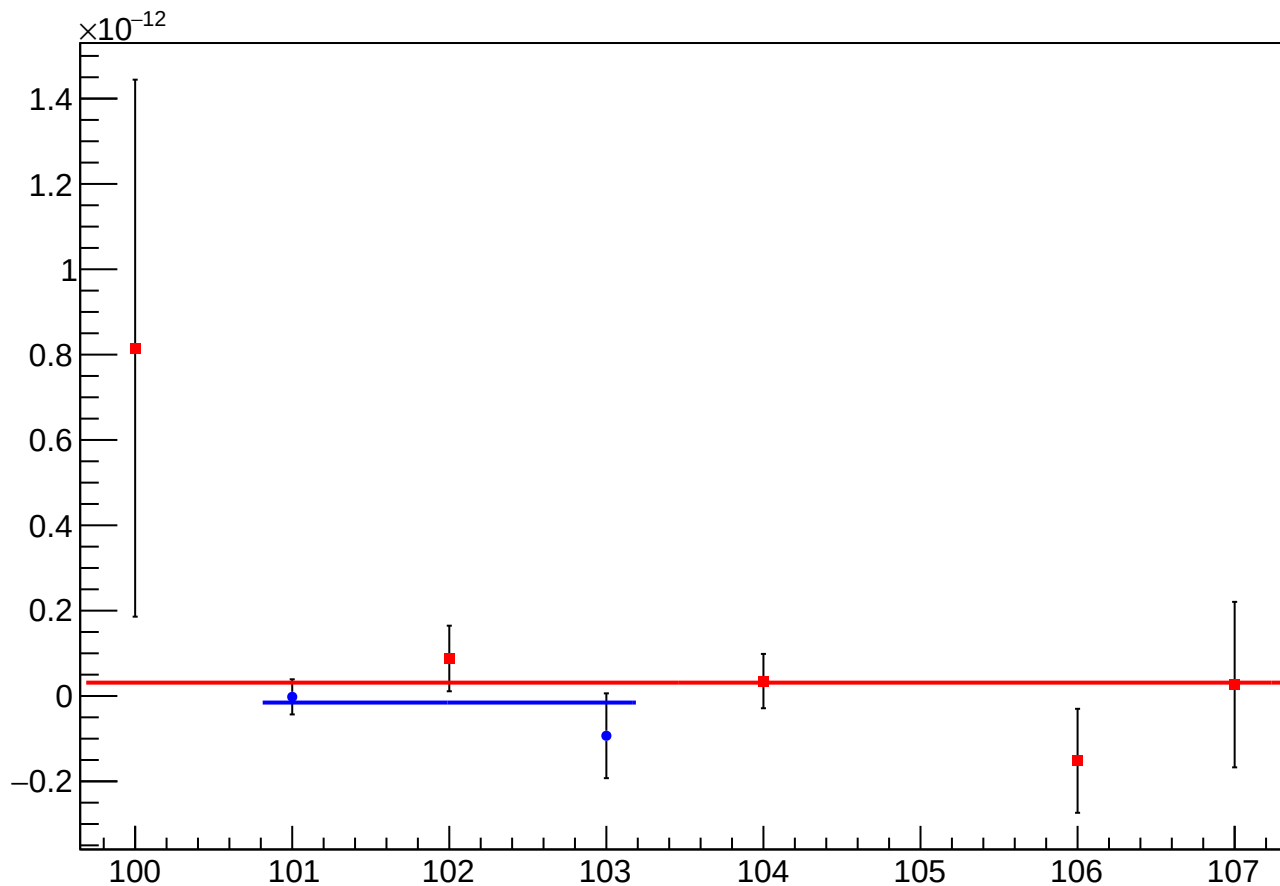
Right: 75.784 $\pm$ 0.032 χ^2 /NDF: 70530.9/6

In: 78.520 $\pm$ 0.050 χ^2 /NDF: 17211.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 75.784 $\pm$ 0.032 χ^2 /NDF: 70530.9/6

asym_sam_3726_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.7/1

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

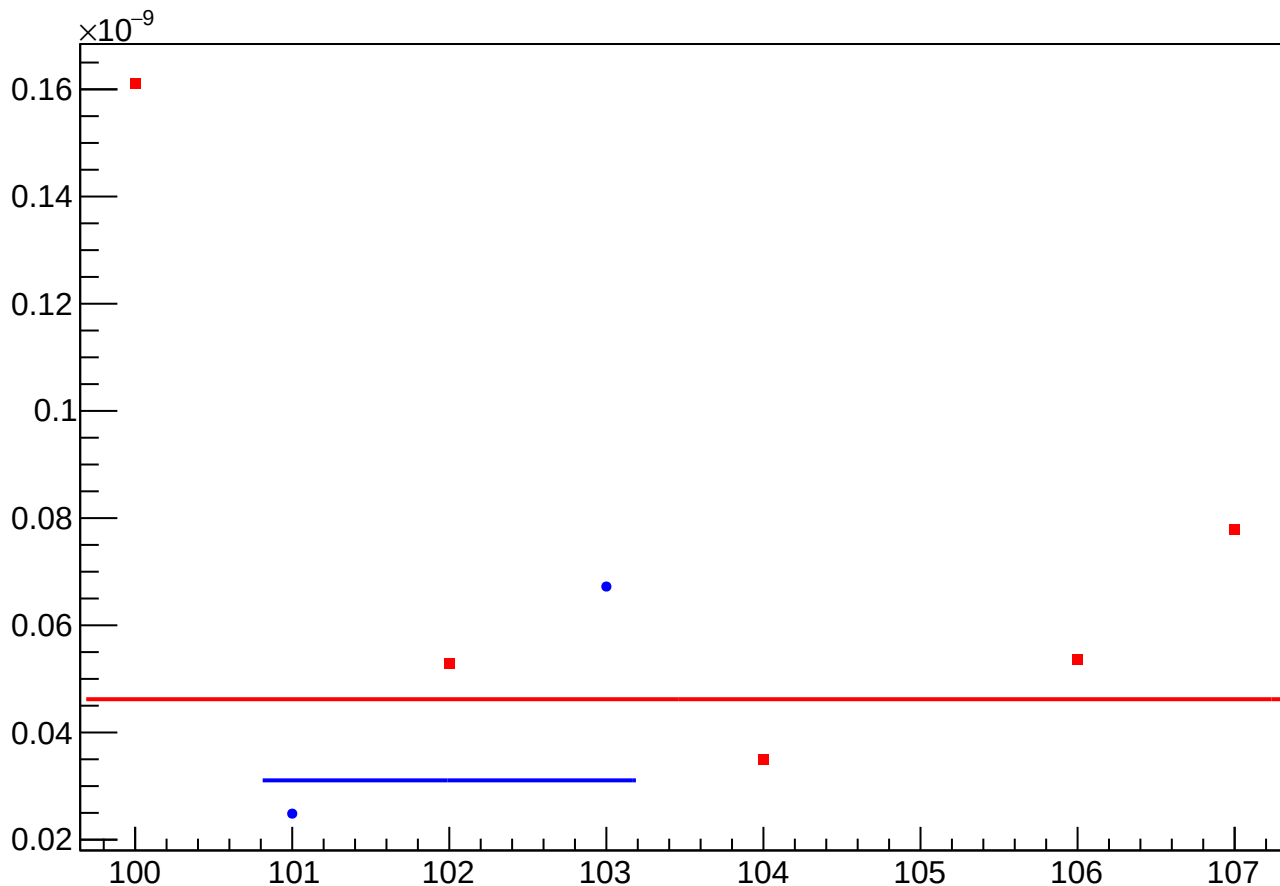
Right: 0.000+/-0.000 χ^2/NDF : 5.7/6

In: -0.000+/-0.000 χ^2/NDF : 0.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5.7/6

asym_sam_3726_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 310381.8/1

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

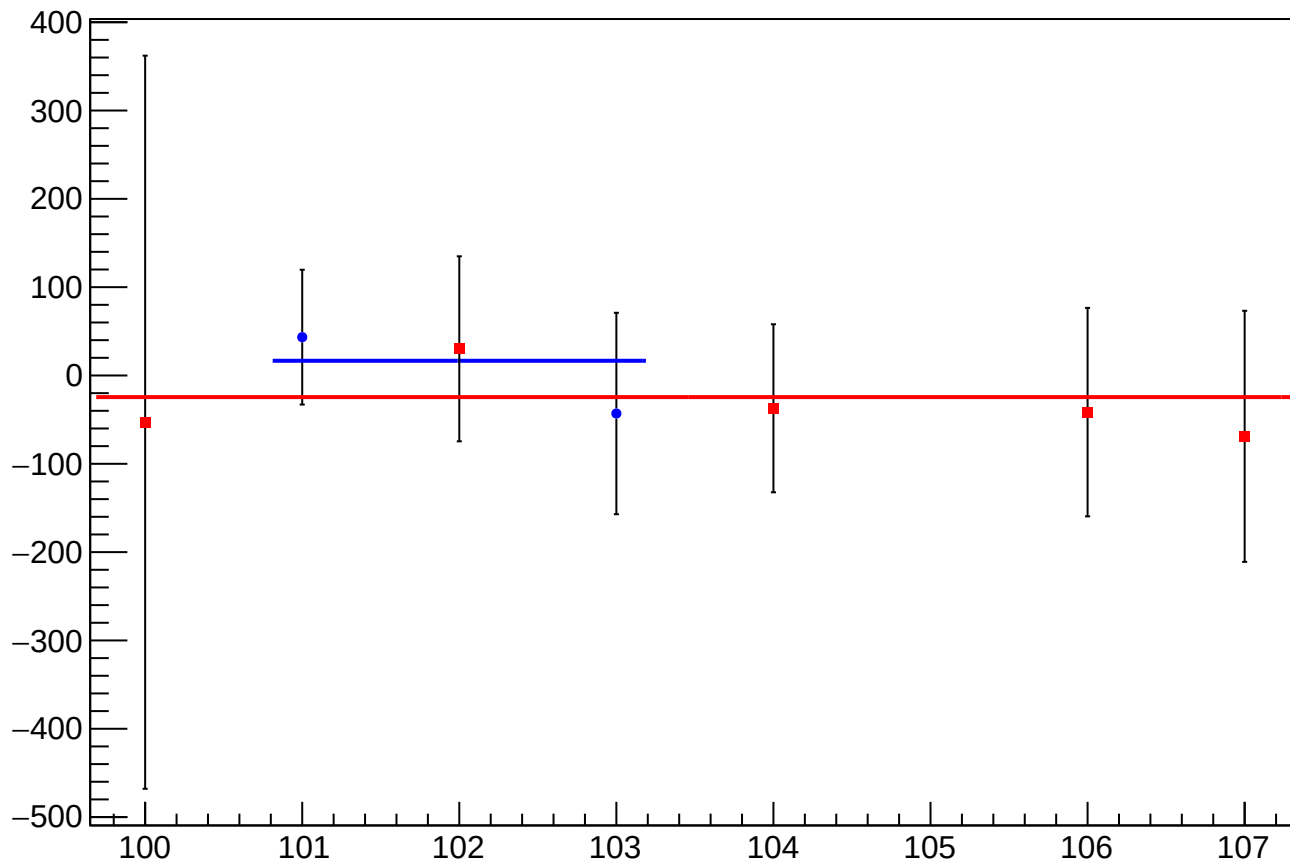
Right: 0.000+/-0.000 χ^2/NDF : 650523.6/6

In: 0.000+/-0.000 χ^2/NDF : 310381.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 650523.6/6

reg_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 16.657+/-63.429 χ^2/NDF : 0.4/1

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

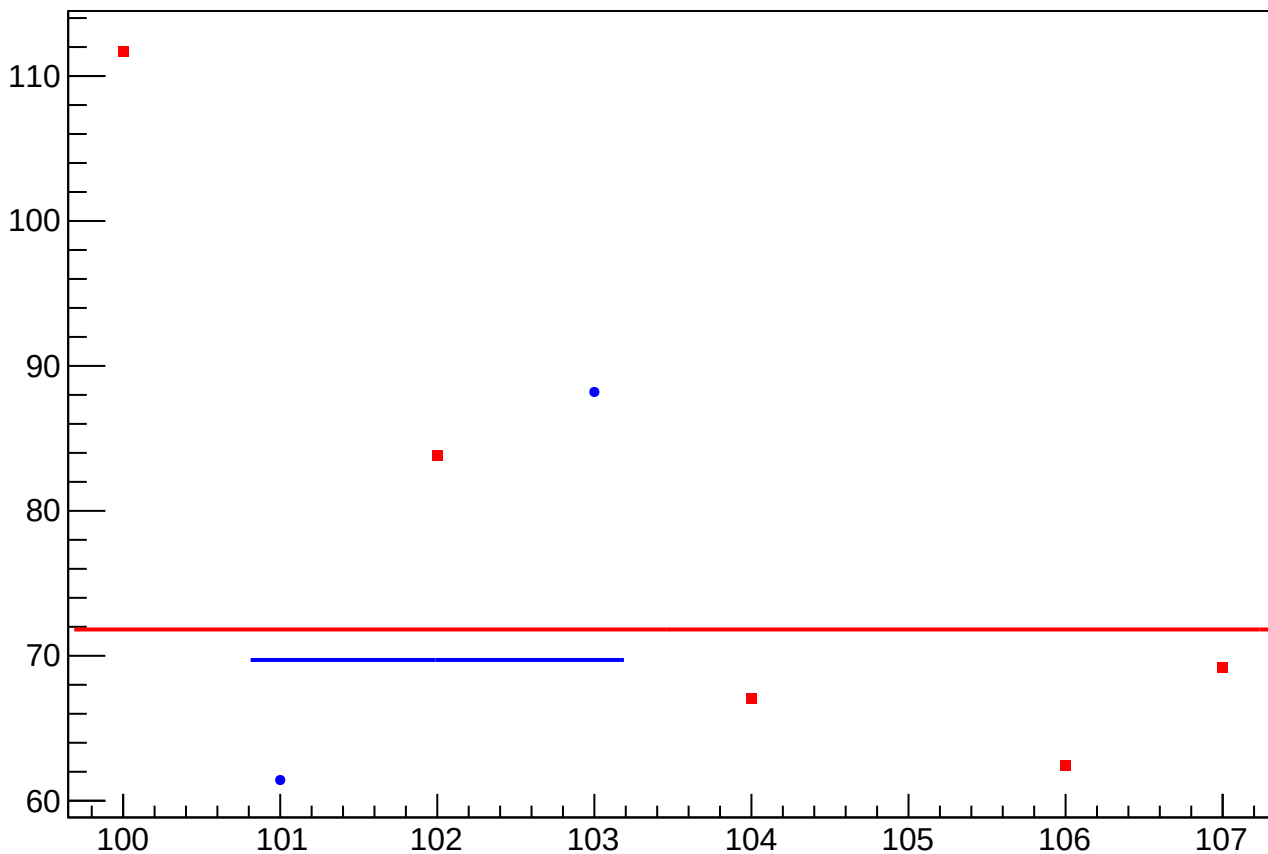
Right: -6.769+/-41.621 χ^2/NDF : 1.0/6

In: 16.657+/-63.429 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.769+/-41.621 χ^2/NDF : 1.0/6

reg_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 69.713+/-0.045 χ^2/NDF : 76133.2/1

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

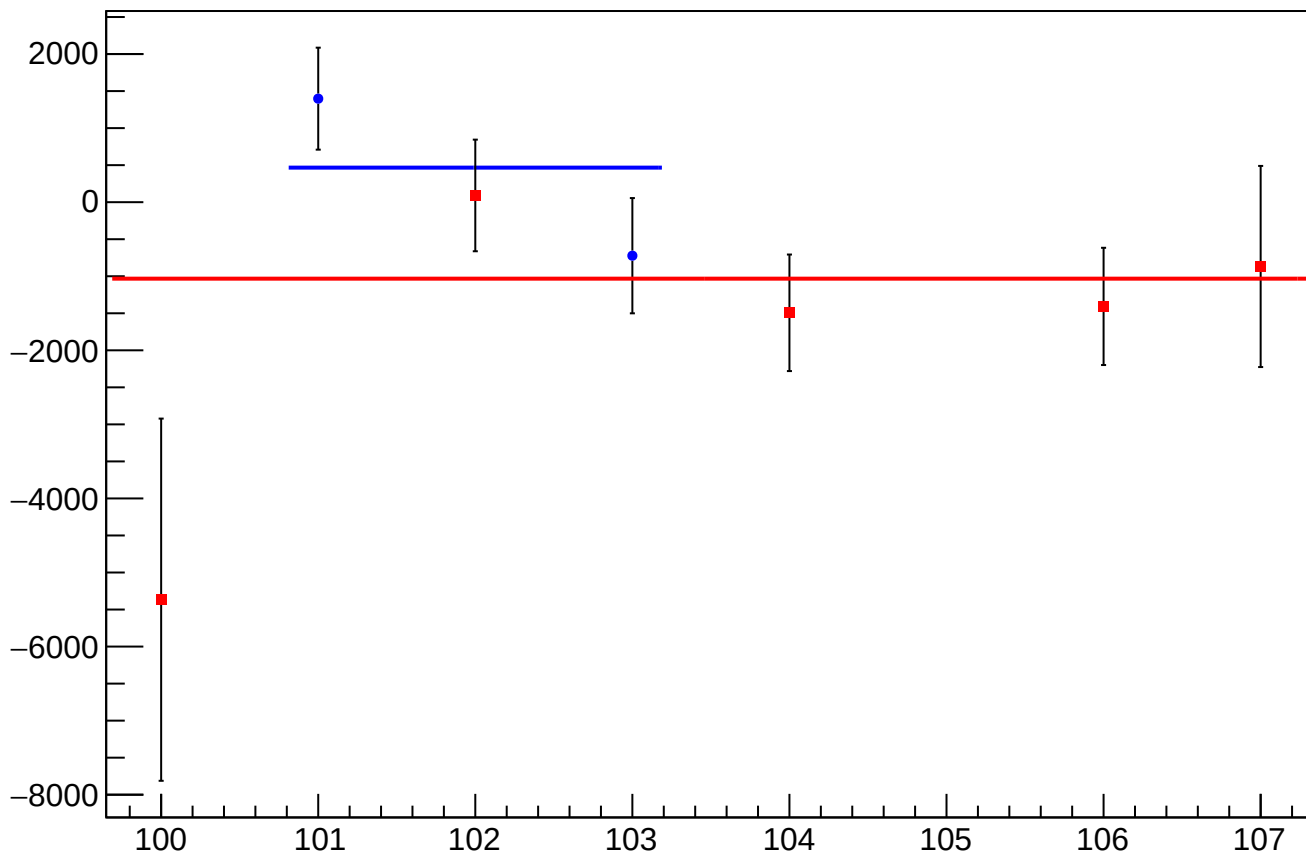
Right: 70.910+/-0.029 χ^2/NDF : 140441.8/6

In: 69.713+/-0.045 χ^2/NDF : 76133.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.910+/-0.029 χ^2/NDF : 140441.8/6

asym_sam_15_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 466.581+/-515.592 χ^2/NDF : 4.2/1

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

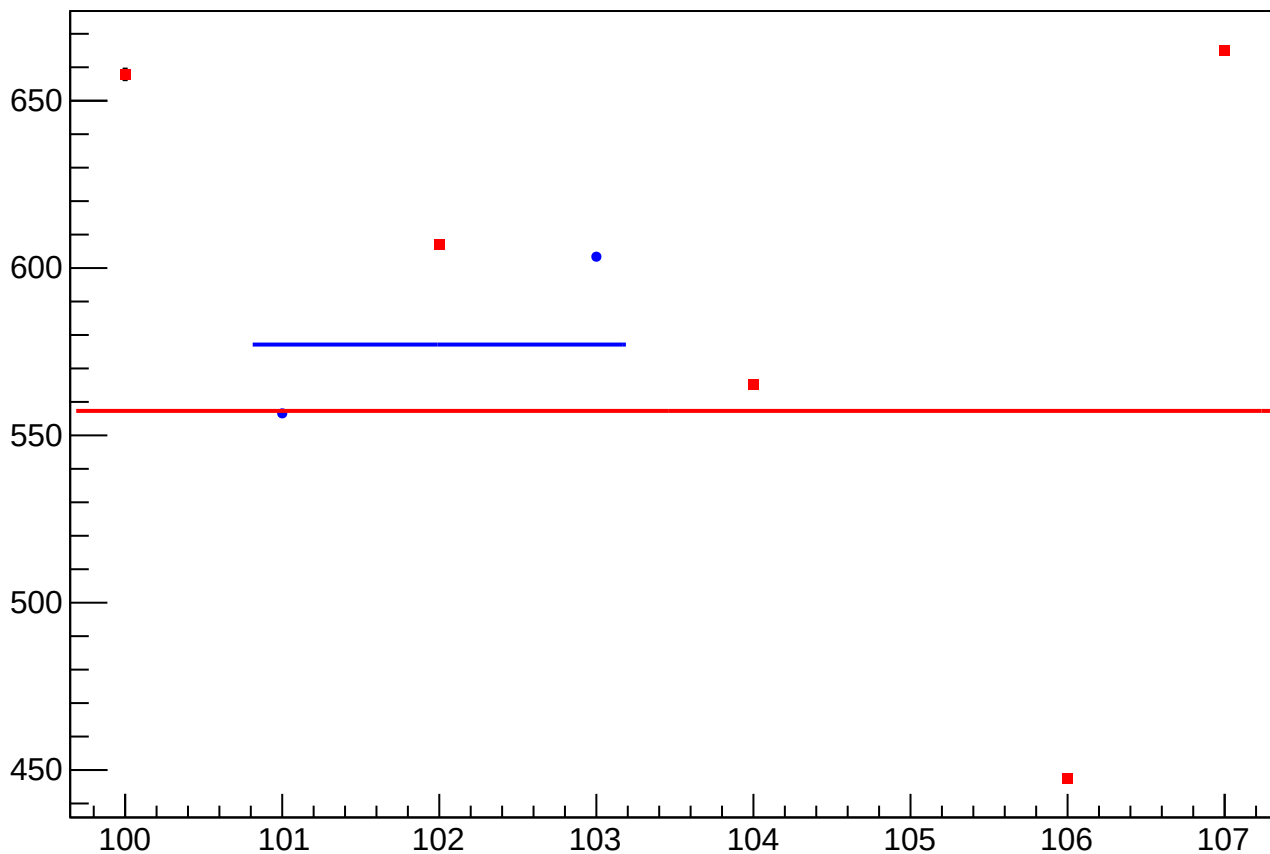
Right: -435.516+/-325.386 χ^2/NDF : 15.2/6

In: 466.581+/-515.592 χ^2/NDF :4.2/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -435.516+/-325.386 χ^2/NDF : 15.2/6

asym_sam_15_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 577.140 $\pm$ 0.365 χ^2 /NDF: 4061.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 557.314 $\pm$ 0.297 χ^2 /NDF: 63485.6/4

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

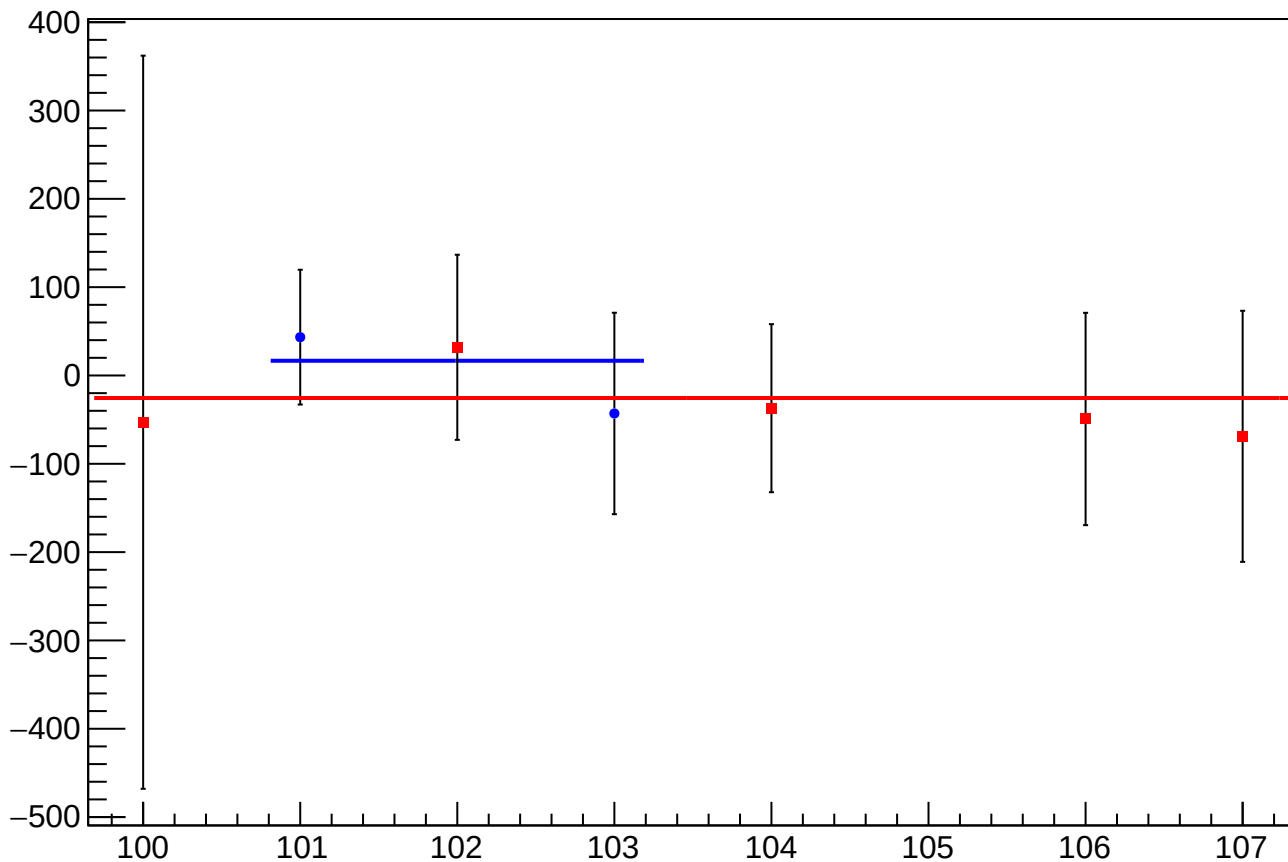
Right: 565.210 $\pm$ 0.230 χ^2 /NDF: 69326.3/6

In: 577.140 $\pm$ 0.365 χ^2 /NDF:4061.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 565.210 $\pm$ 0.230 χ^2 /NDF: 69326.3/6

cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 16.665 $\pm$ 63.429 χ^2 /NDF: 0.4/1

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -25.501 $\pm$ -55.383 χ^2 /NDF: 0.5/4

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

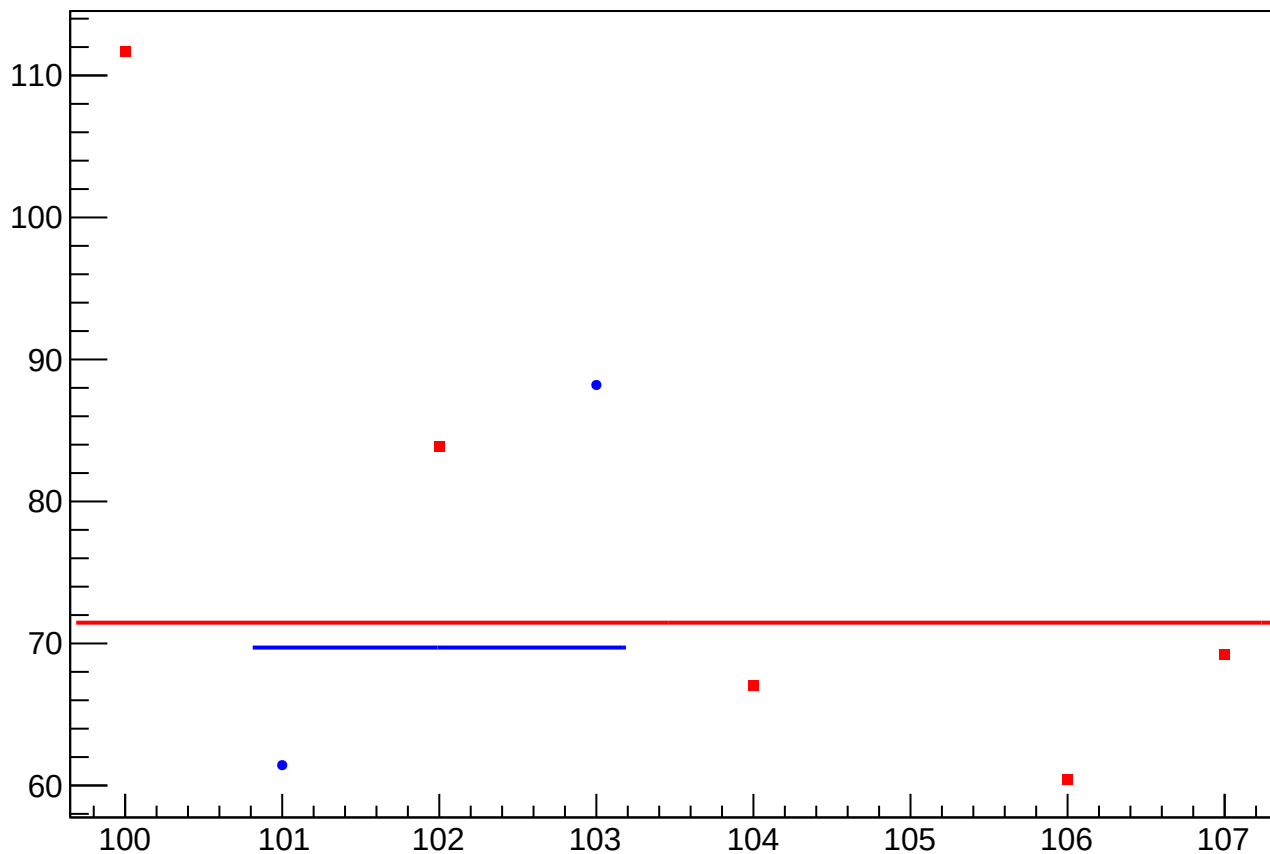
Right: -7.261 $\pm$ -41.718 χ^2 /NDF: 1.1/6

In: 16.665 $\pm$ -63.429 χ^2 /NDF:0.4/1

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: -7.261 $\pm$ -41.718 χ^2 /NDF: 1.1/6

cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 69.713+/-0.045 χ^2/NDF : 76135.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.465+/-0.039 χ^2/NDF : 68518.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

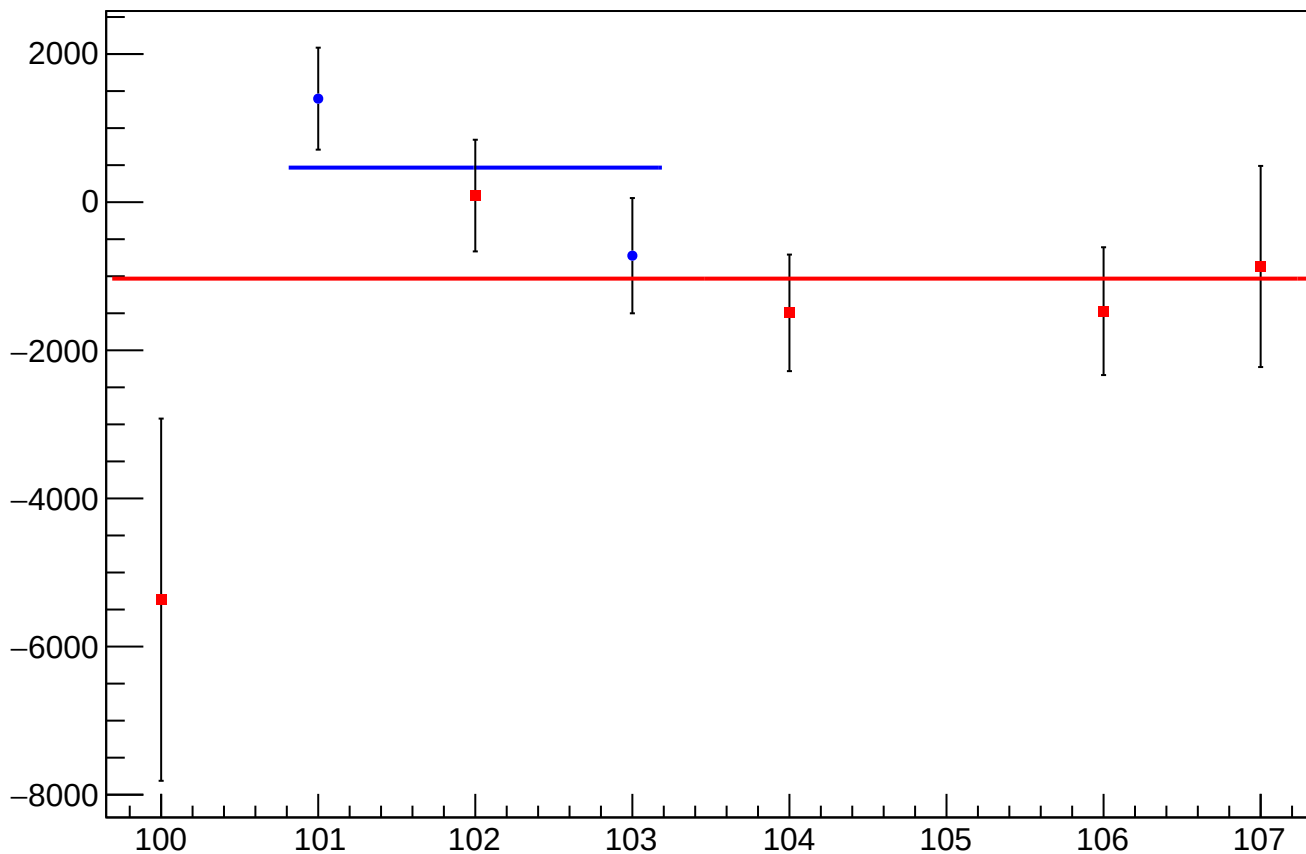
Right: 70.707+/-0.029 χ^2/NDF : 145519.6/6

In: 69.713+/-0.045 χ^2/NDF : 76135.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.707+/-0.029 χ^2/NDF : 145519.6/6

asym_sam_15_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 466.765+/-515.610 χ^2/NDF : 4.2/1

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

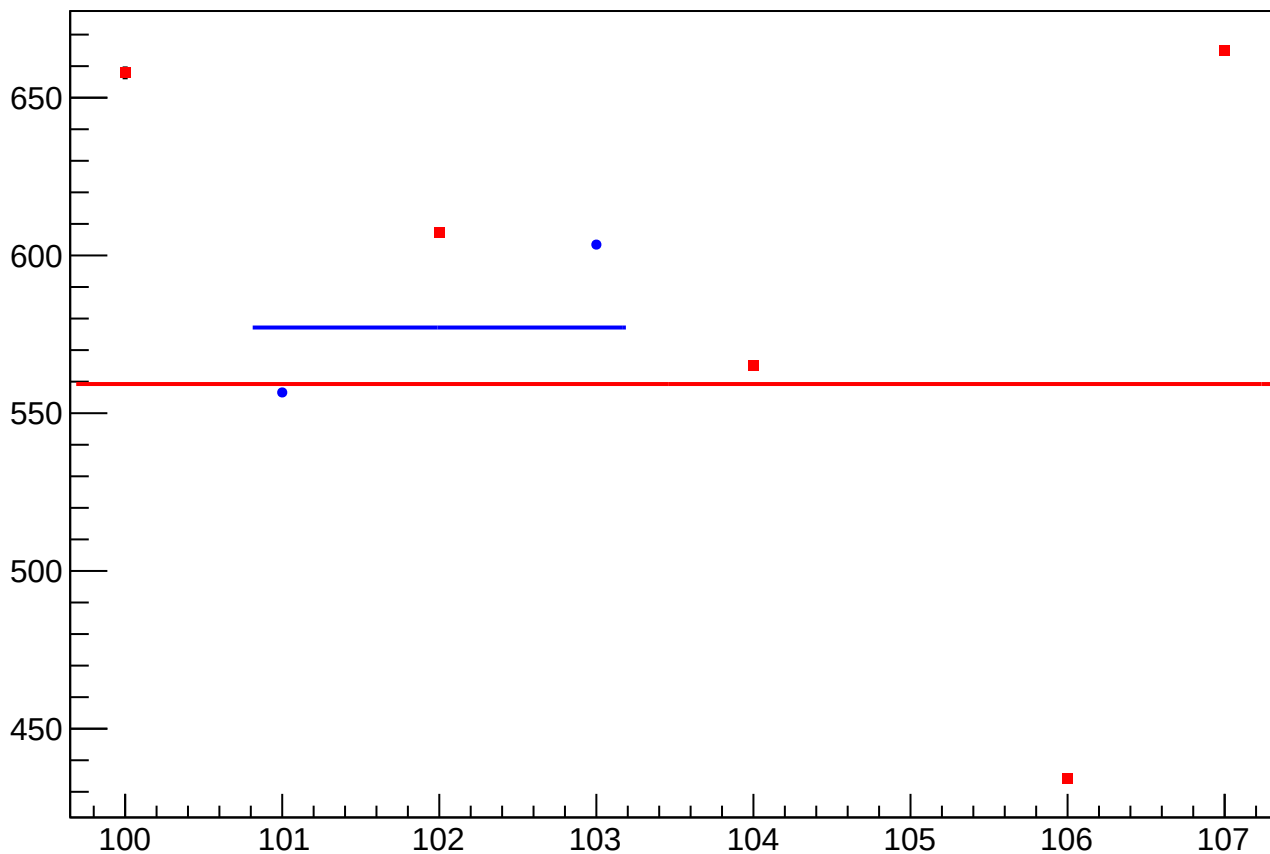
Right: -418.597+/-329.875 χ^2/NDF : 15.1/6

In: 466.765+/-515.610 χ^2/NDF :4.2/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -418.597+/-329.875 χ^2/NDF : 15.1/6

asym_sam_15_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 577.158+/-0.365 χ^2/NDF : 4069.2/1

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

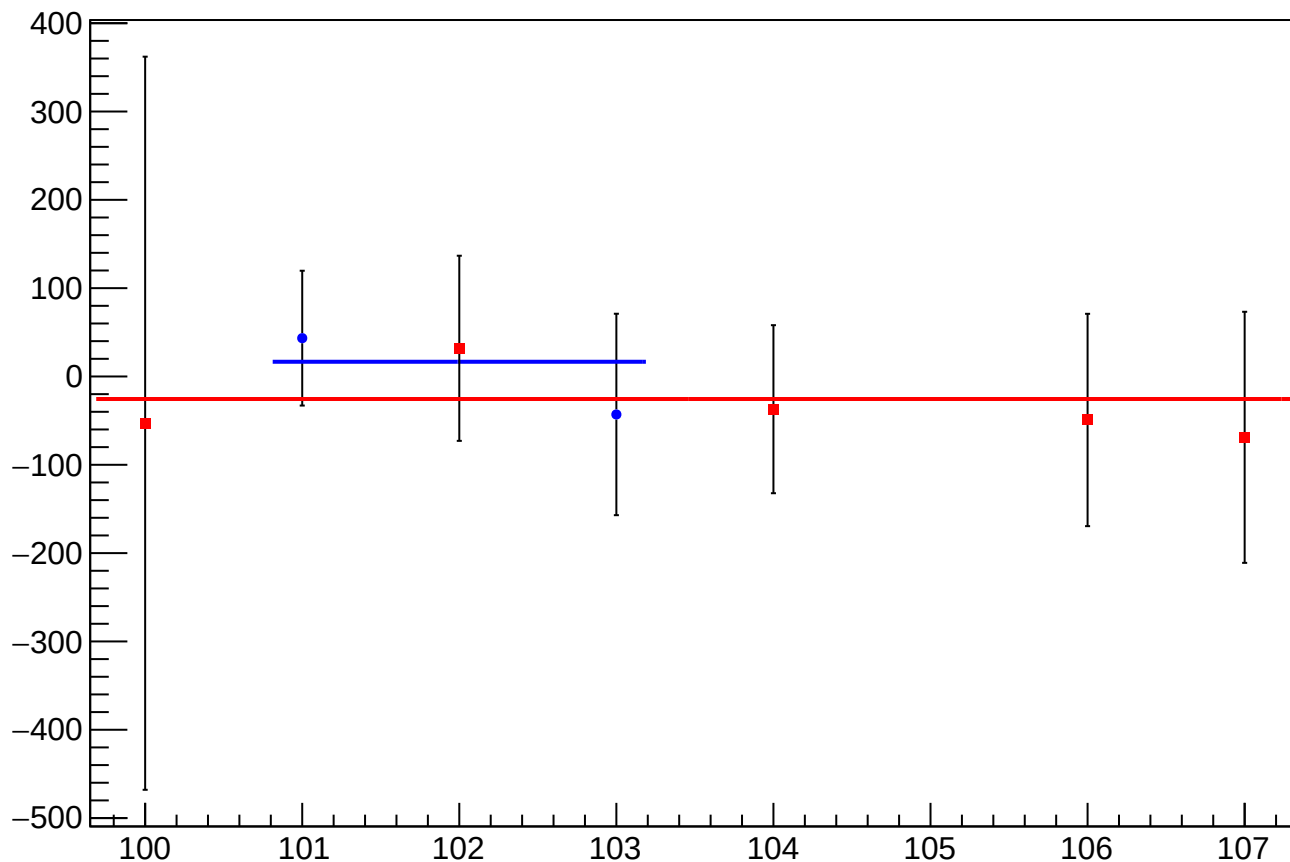
Right: 566.579+/-0.233 χ^2/NDF : 71191.9/6

In: 577.158+/-0.365 χ^2/NDF : 4069.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 566.579+/-0.233 χ^2/NDF : 71191.9/6

eigen_cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 16.665 $\pm$ 63.429 χ^2 /NDF: 0.4/1

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -25.501 $\pm$ -55.383 χ^2 /NDF: 0.5/4

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

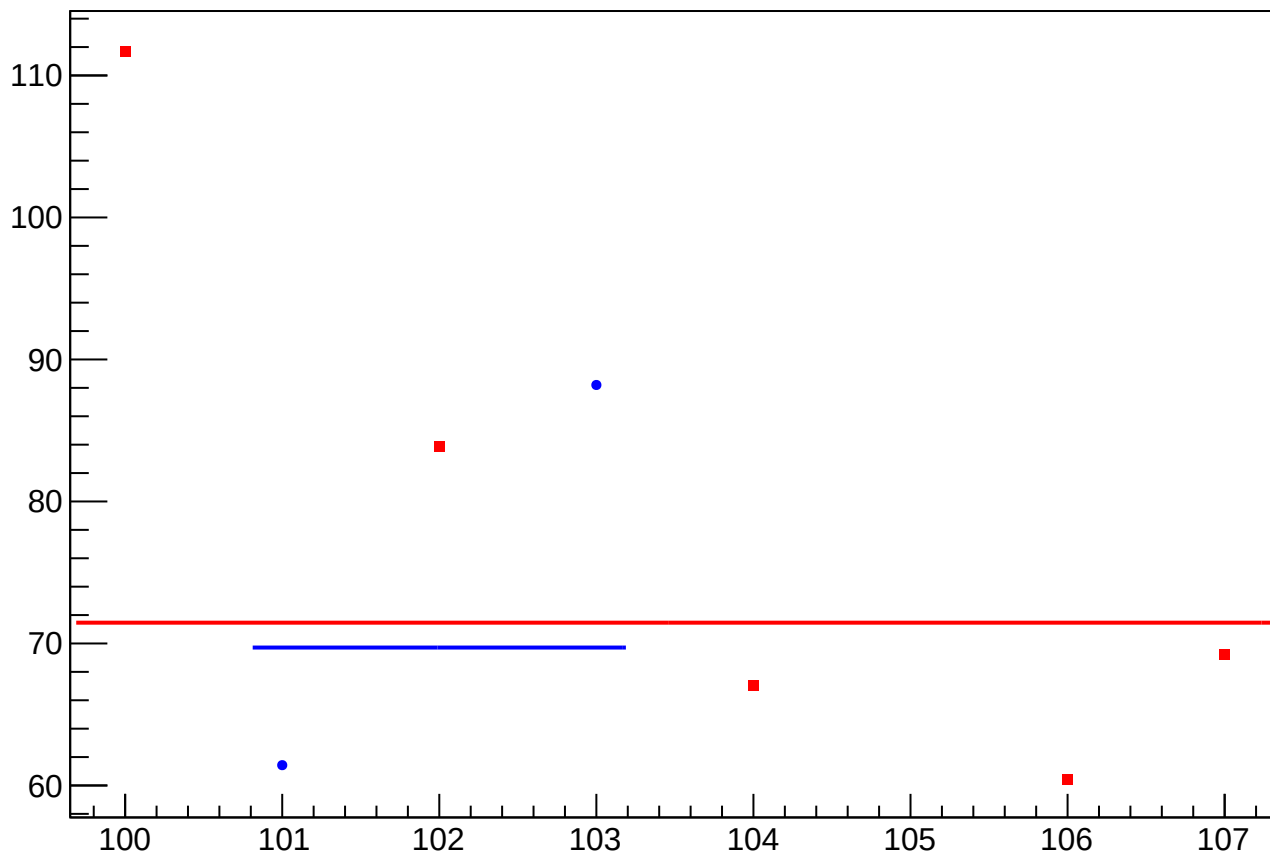
Right: -7.261 $\pm$ -41.718 χ^2 /NDF: 1.1/6

In: 16.665 $\pm$ -63.429 χ^2 /NDF:0.4/1

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: -7.261 $\pm$ -41.718 χ^2 /NDF: 1.1/6

eigen_cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 69.713+/-0.045 χ^2/NDF : 76135.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.465+/-0.039 χ^2/NDF : 68518.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

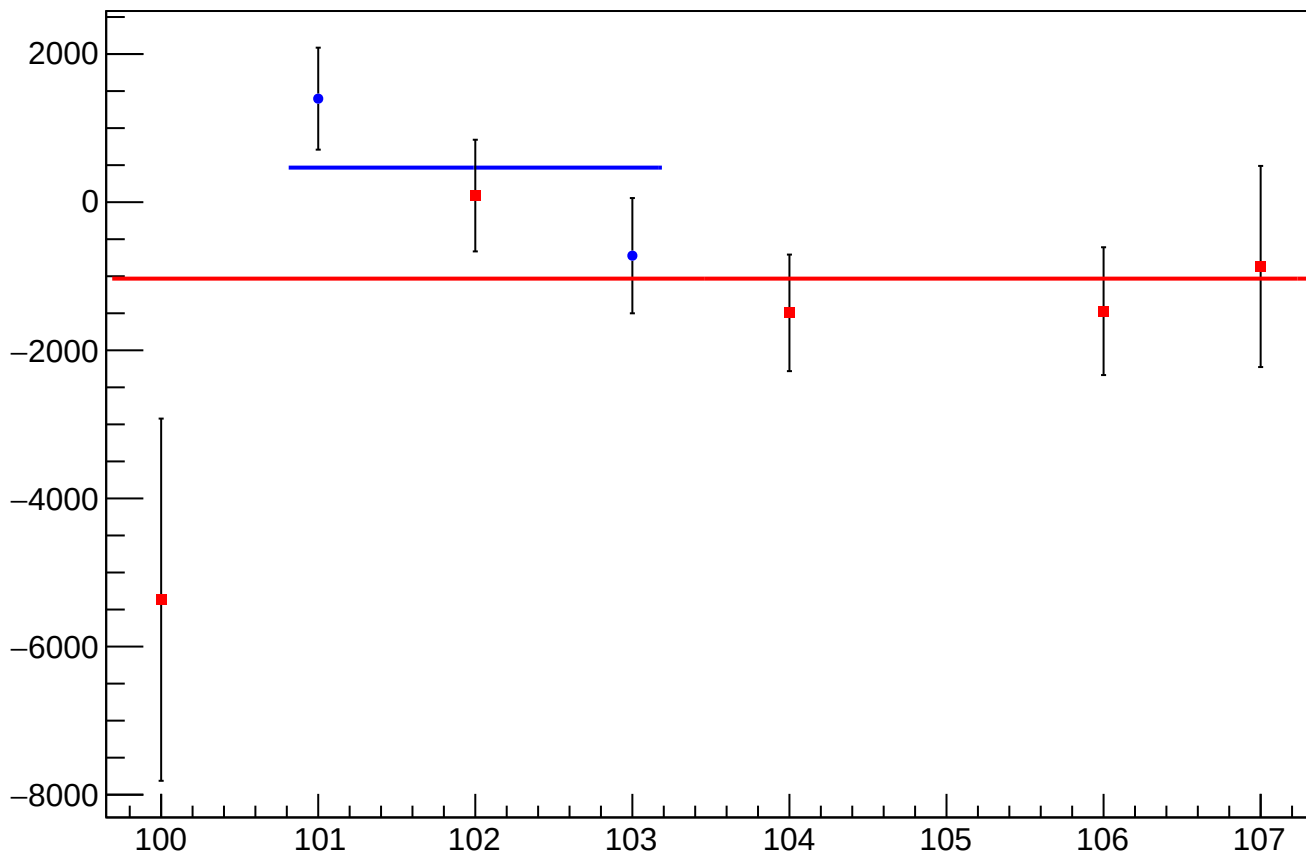
Right: 70.707+/-0.029 χ^2/NDF : 145519.6/6

In: 69.713+/-0.045 χ^2/NDF : 76135.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.707+/-0.029 χ^2/NDF : 145519.6/6

asym_sam_15_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 466.765+/-515.610 χ^2/NDF : 4.2/1

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

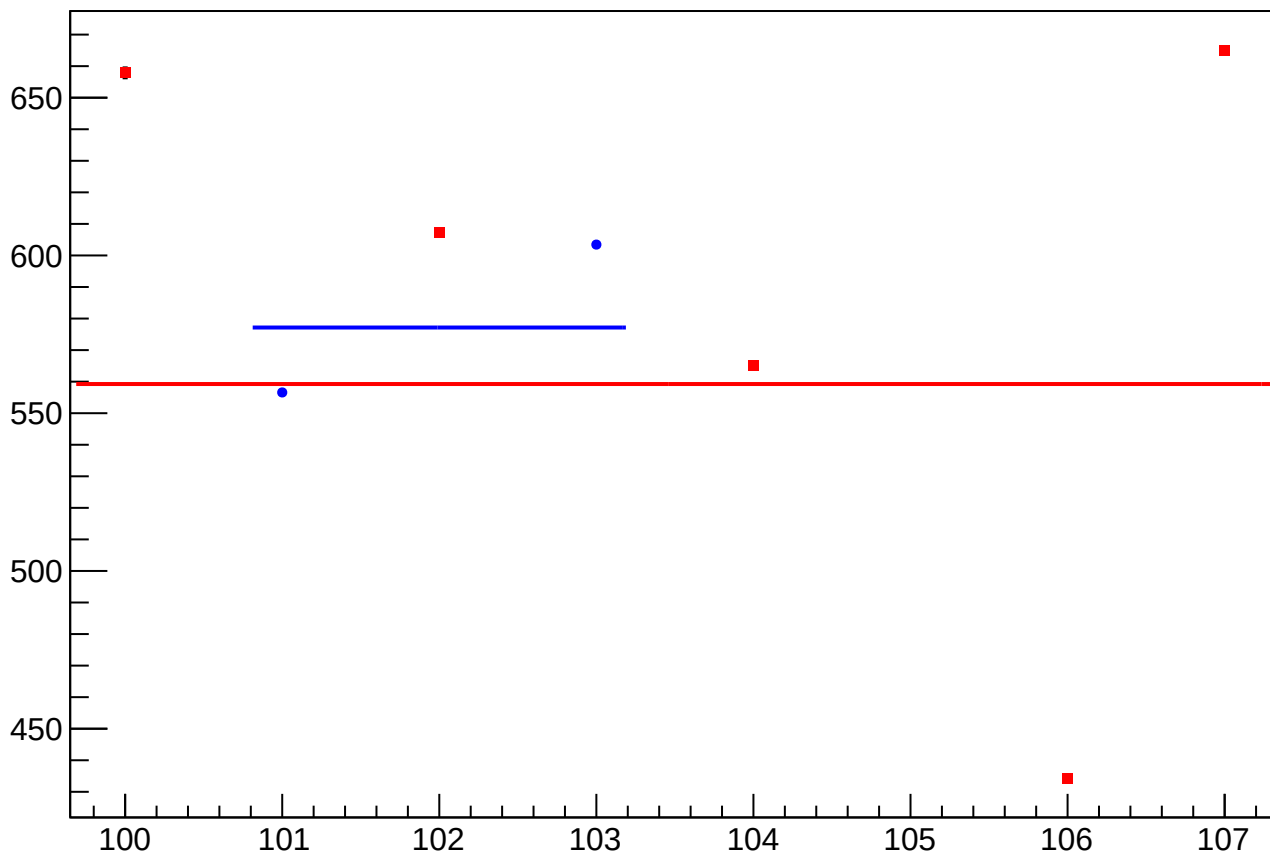
Right: -418.597+/-329.875 χ^2/NDF : 15.1/6

In: 466.765+/-515.610 χ^2/NDF : 4.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -418.597+/-329.875 χ^2/NDF : 15.1/6

asym_sam_15_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 577.158+/-0.365 χ^2/NDF : 4069.2/1

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

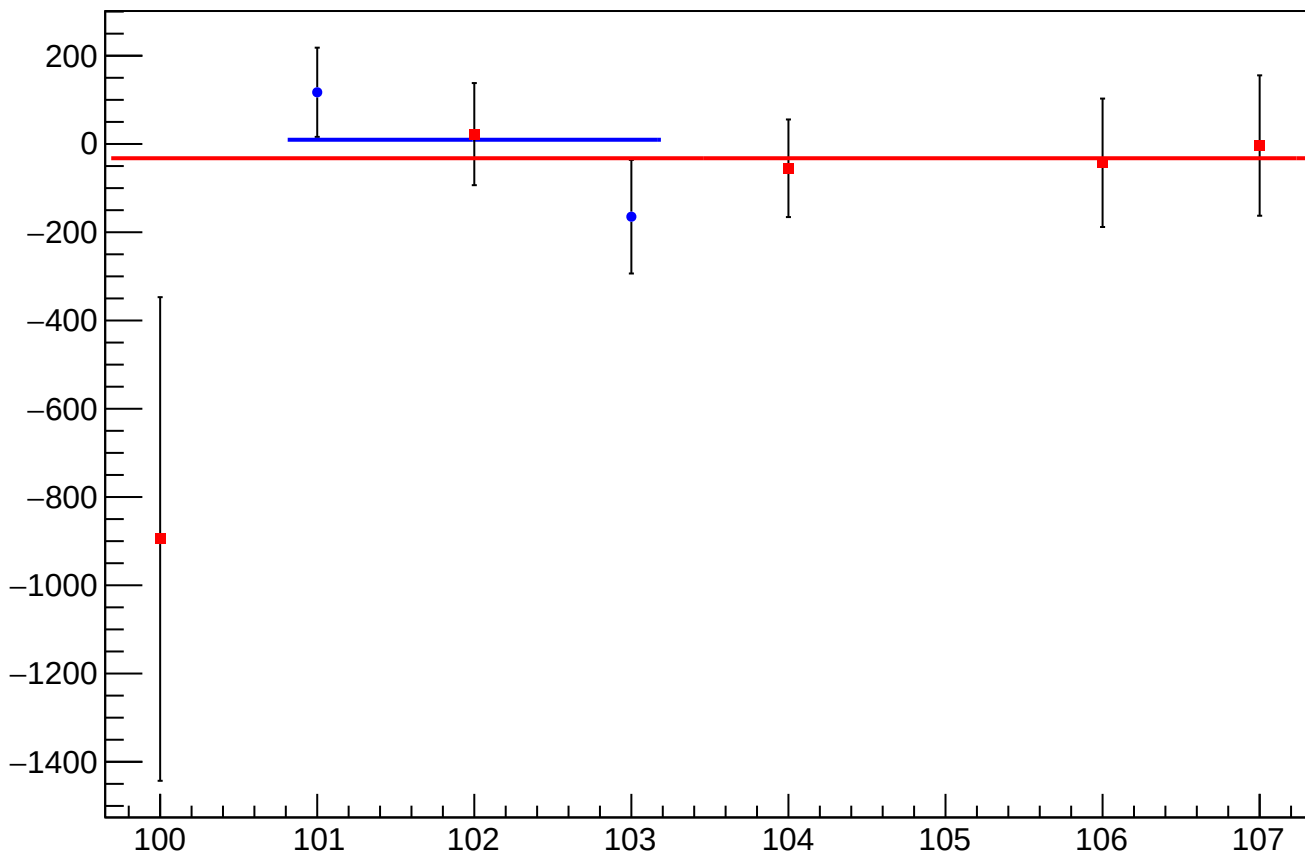
Right: 566.579+/-0.233 χ^2/NDF : 71191.9/6

In: 577.158+/-0.365 χ^2/NDF : 4069.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 566.579+/-0.233 χ^2/NDF : 71191.9/6

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 9.590+/-79.497 χ^2/NDF : 3.0/1

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

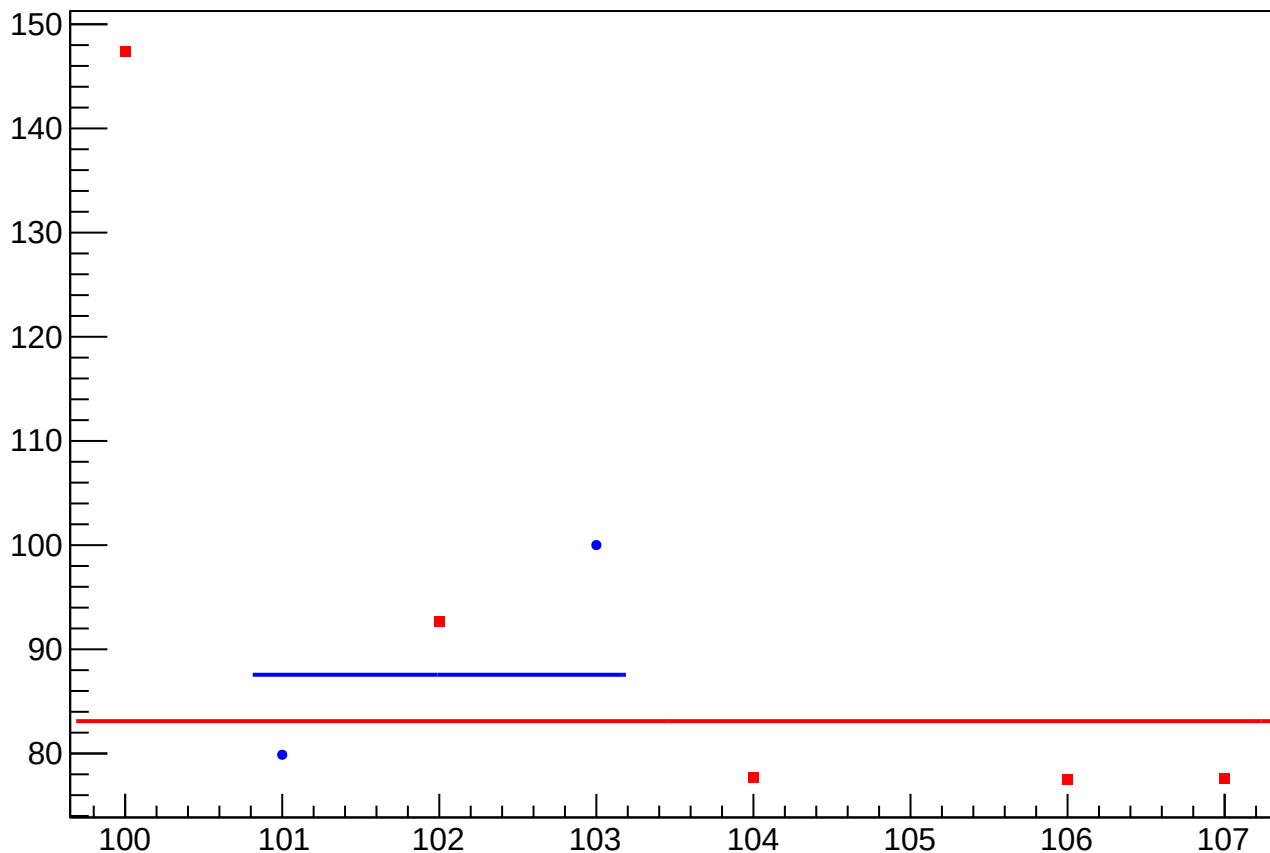
Right: -15.921+/-49.705 χ^2/NDF : 5.9/6

In: 9.590+/-79.497 χ^2/NDF : 3.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.921+/-49.705 χ^2/NDF : 5.9/6

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 87.557 ± 0.056 χ^2/NDF : 30257.3/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 83.105 ± 0.045 χ^2/NDF : 51421.1/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

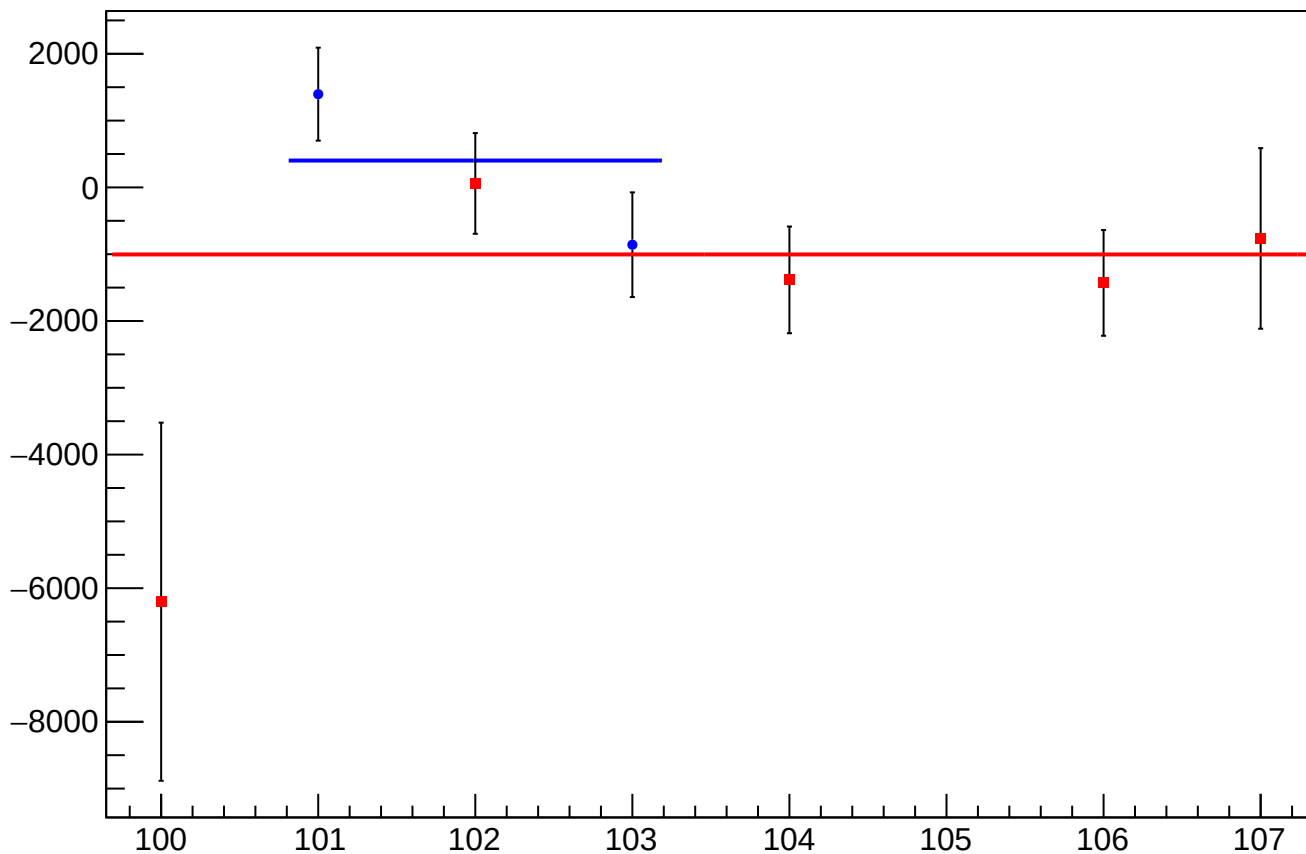
Right: 84.845 ± 0.035 χ^2/NDF : 85499.9/6

In: 87.557 ± 0.056 χ^2/NDF : 30257.3/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 84.845 ± 0.035 χ^2/NDF : 85499.9/6

asym_sam_15_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 402.306+/-520.441 χ^2/NDF : 4.6/1

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

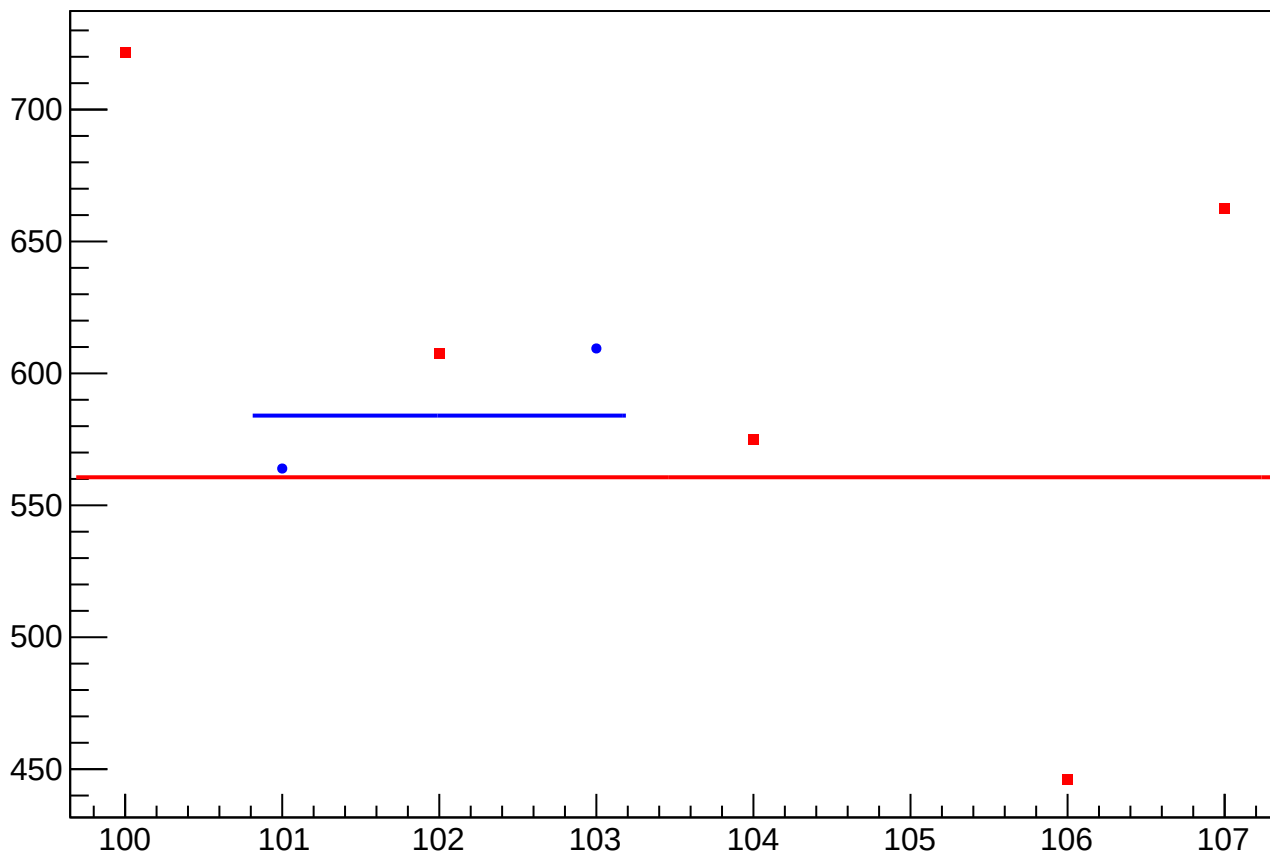
Right: -445.556+/-327.870 χ^2/NDF : 15.3/6

In: 402.306+/-520.441 χ^2/NDF :4.6/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -445.556+/-327.870 χ^2/NDF : 15.3/6

asym_sam_15_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 584.006 $\pm$ 0.368 χ^2 /NDF: 3769.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 560.631 $\pm$ 0.299 χ^2 /NDF: 68774.6/4

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

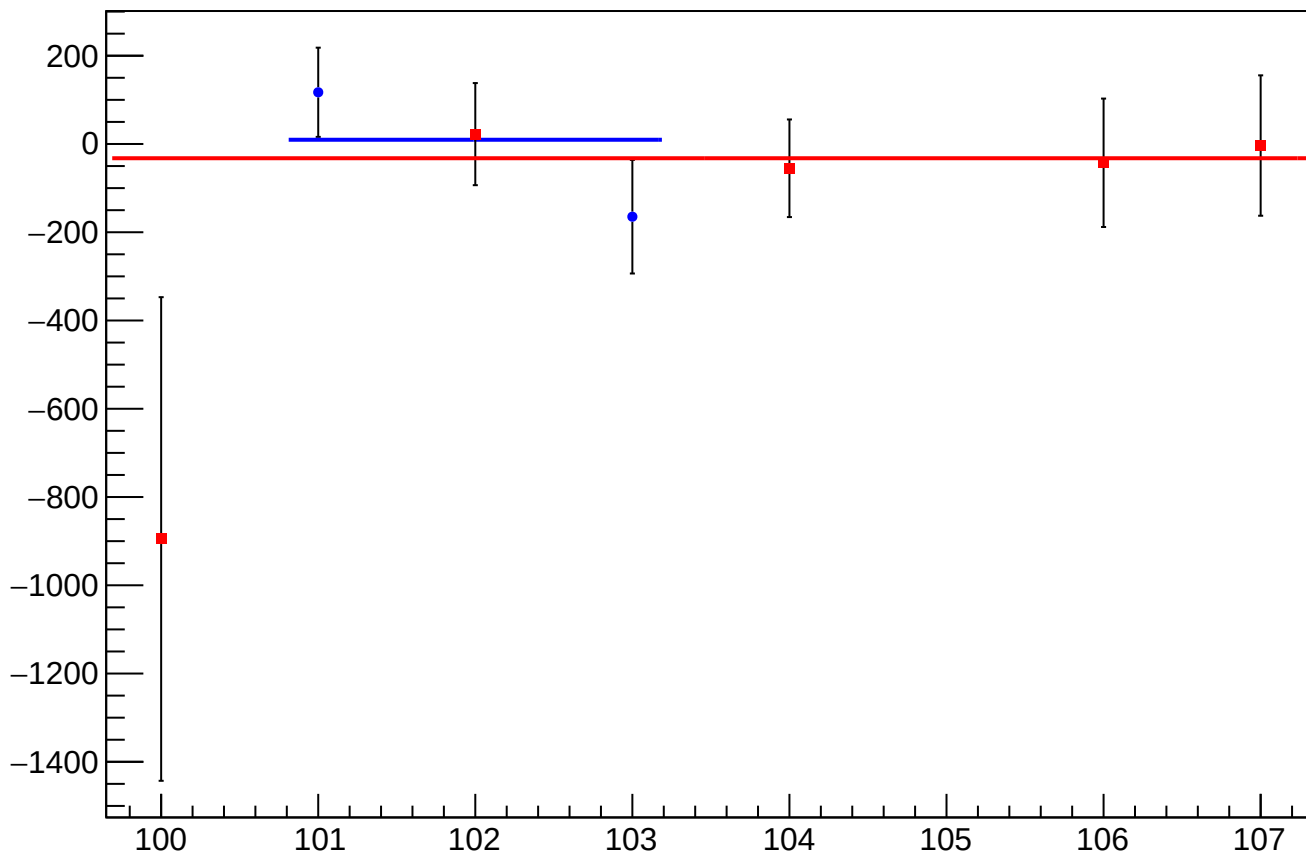
Right: 569.908 $\pm$ 0.232 χ^2 /NDF: 74977.4/6

In: 584.006 $\pm$ 0.368 χ^2 /NDF: 3769.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 569.908 $\pm$ 0.232 χ^2 /NDF: 74977.4/6

eigen_dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 9.588+/-79.497 χ^2/NDF : 3.0/1

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

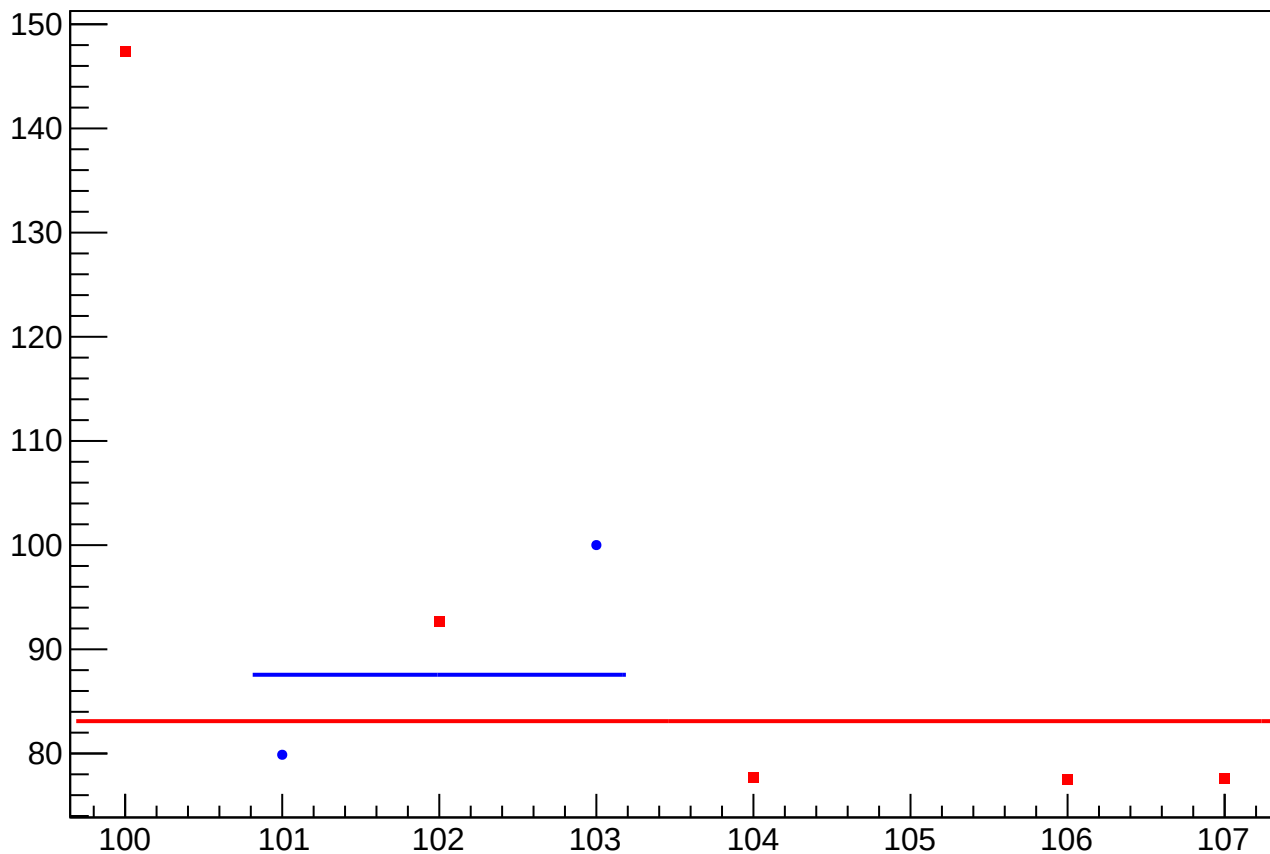
Right: -15.921+/-49.705 χ^2/NDF : 5.9/6

In: 9.588+/-79.497 χ^2/NDF : 3.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.921+/-49.705 χ^2/NDF : 5.9/6

eigen_dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 87.557+/-0.056 χ^2/NDF : 30256.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.105+/-0.045 χ^2/NDF : 51420.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

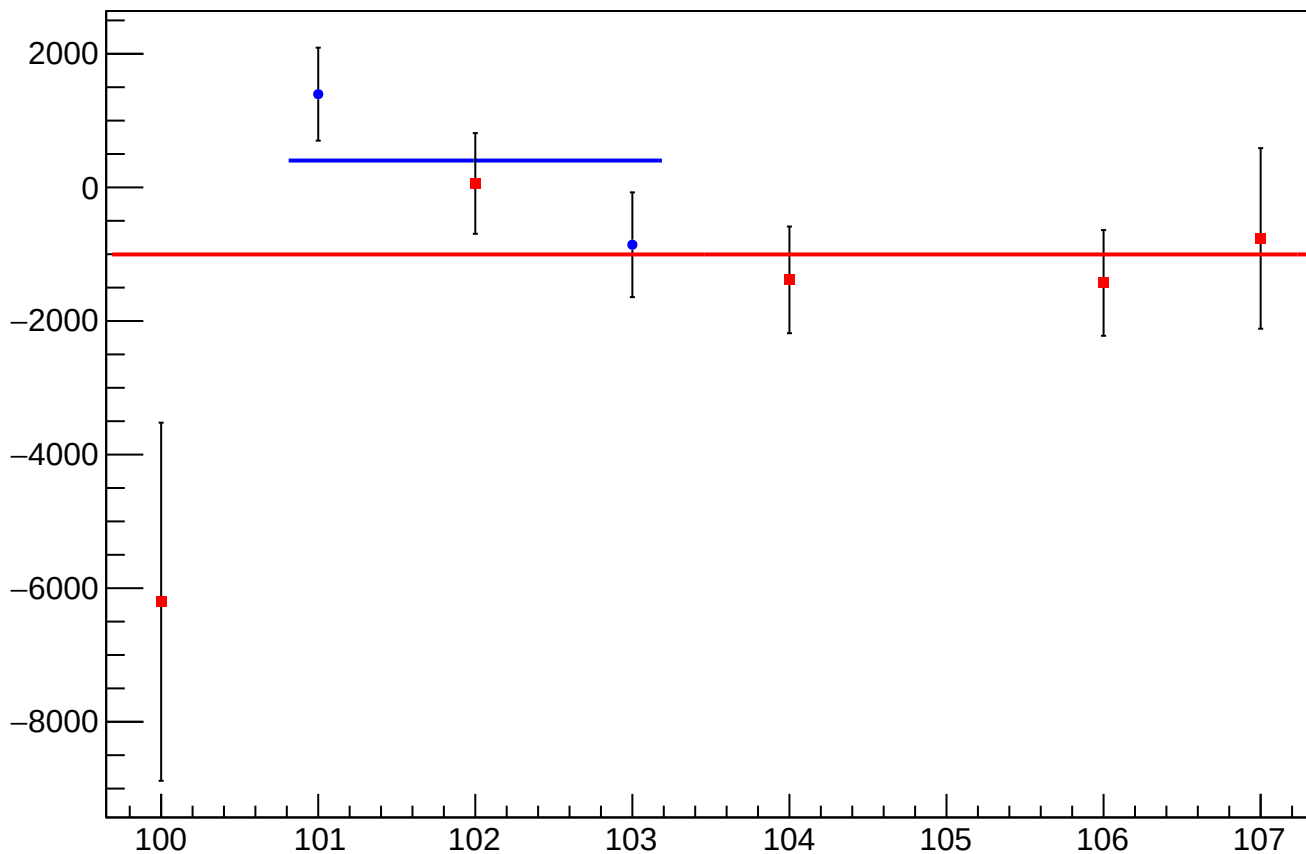
Right: 84.845+/-0.035 χ^2/NDF : 85499.0/6

In: 87.557+/-0.056 χ^2/NDF : 30256.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.845+/-0.035 χ^2/NDF : 85499.0/6

asym_sam_15_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 402.306+/-520.440 χ^2/NDF : 4.6/1

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

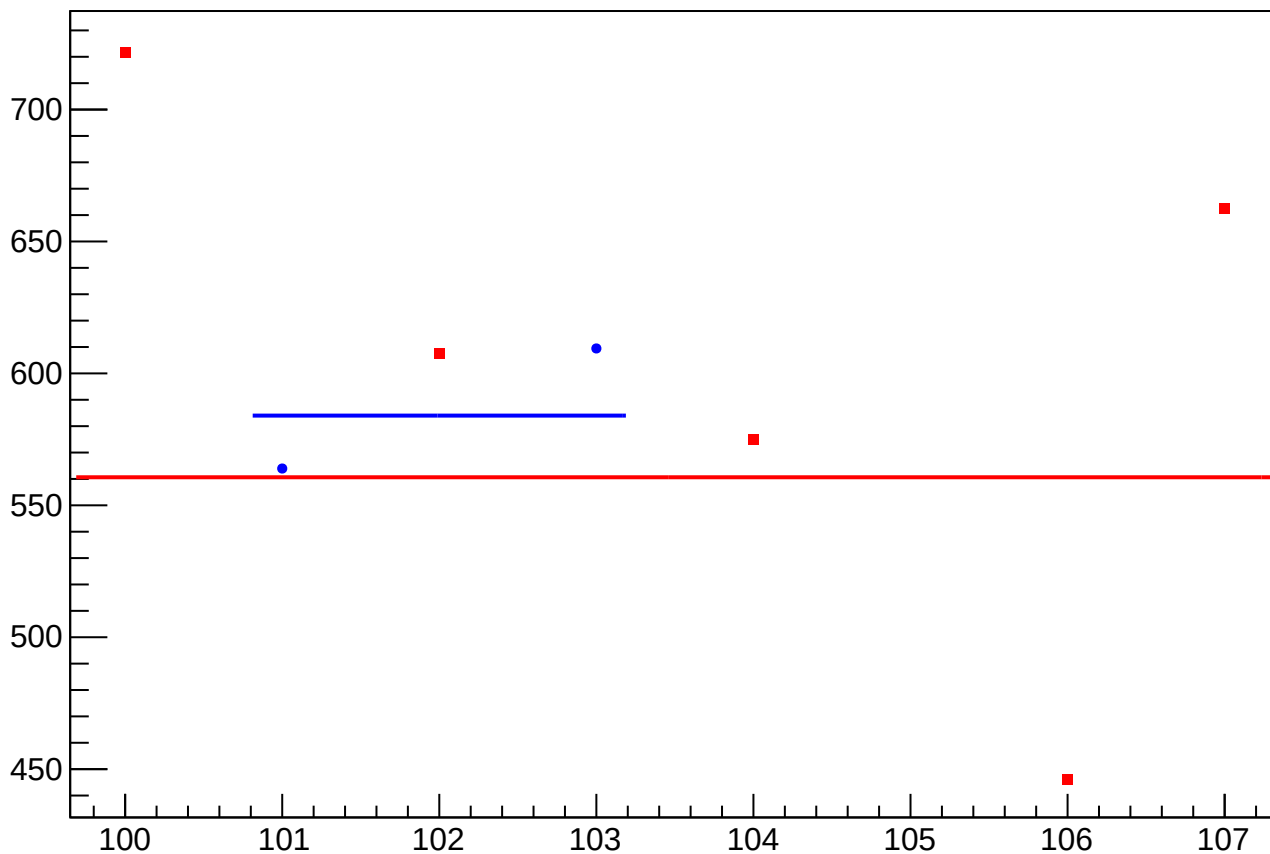
Right: -445.556+/-327.870 χ^2/NDF : 15.3/6

In: 402.306+/-520.440 χ^2/NDF :4.6/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -445.556+/-327.870 χ^2/NDF : 15.3/6

asym_sam_15_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 584.006 $\pm$ 0.368 χ^2 /NDF: 3769.6/1

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

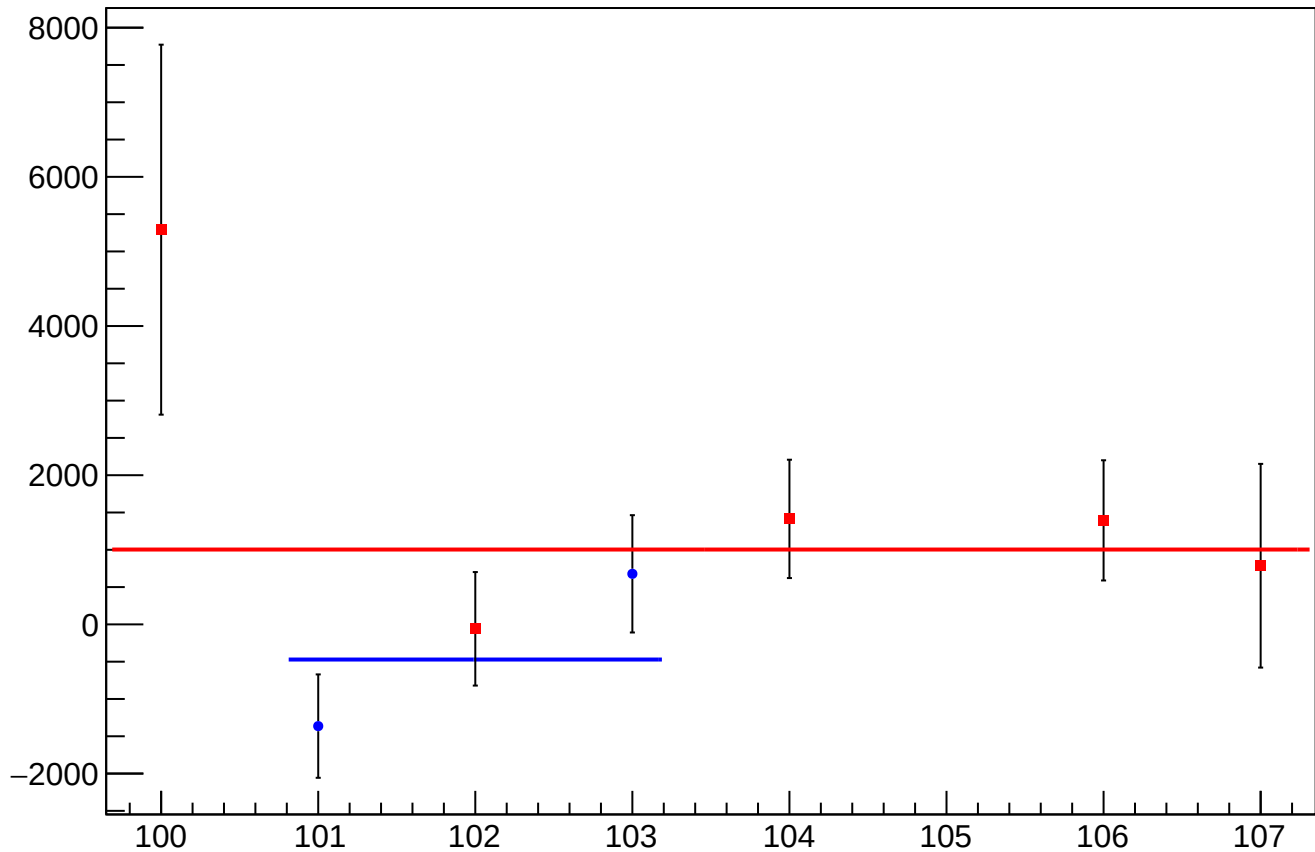
Right: 569.908 $\pm$ 0.232 χ^2 /NDF: 74978.1/6

In: 584.006 $\pm$ 0.368 χ^2 /NDF:3769.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 569.908 $\pm$ 0.232 χ^2 /NDF: 74978.1/6

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: -471.247+/-519.978 χ^2/NDF : 3.8/1

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

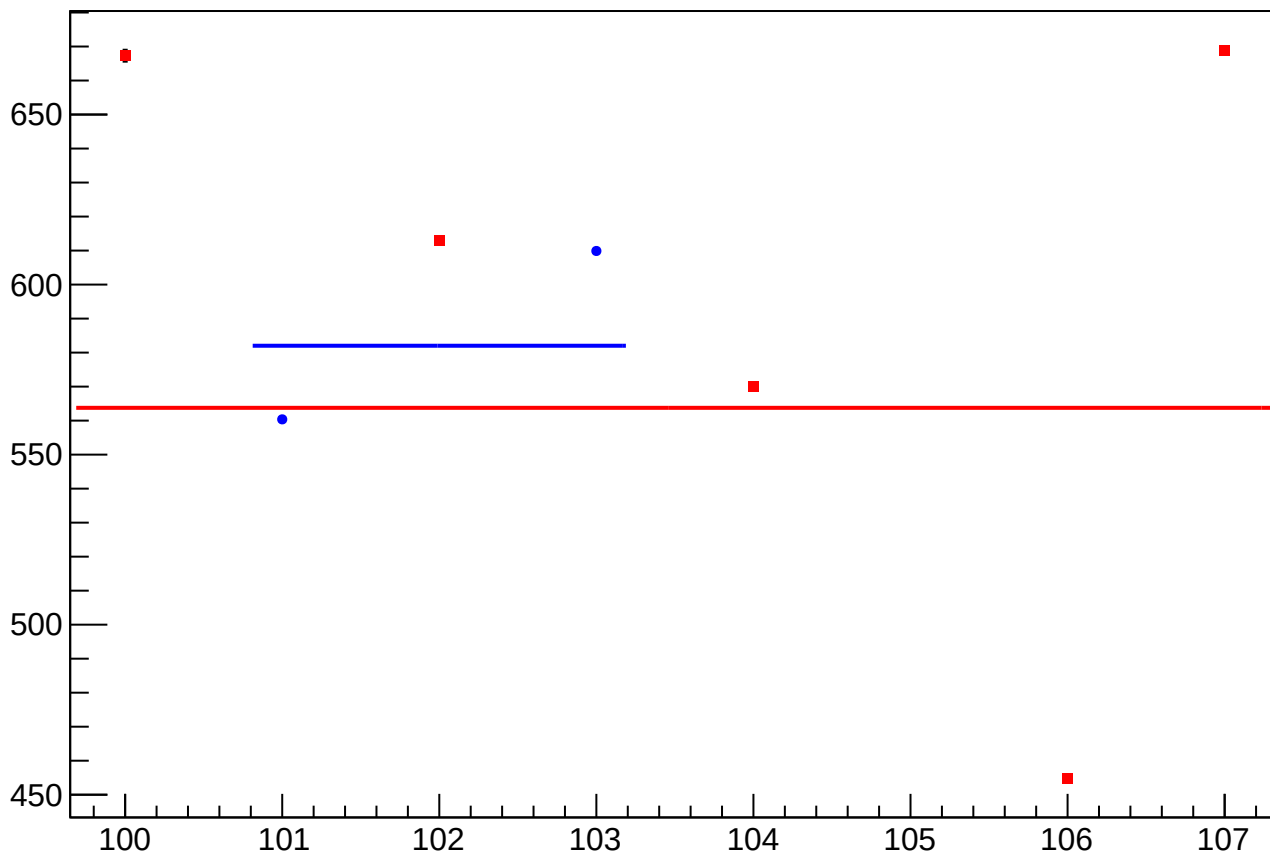
Right: 414.054+/-328.739 χ^2/NDF : 14.1/6

In: -471.247+/-519.978 χ^2/NDF : 3.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 414.054+/-328.739 χ^2/NDF : 14.1/6

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 582.018 $\pm$ 0.368 χ^2 /NDF: 4461.8/1

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

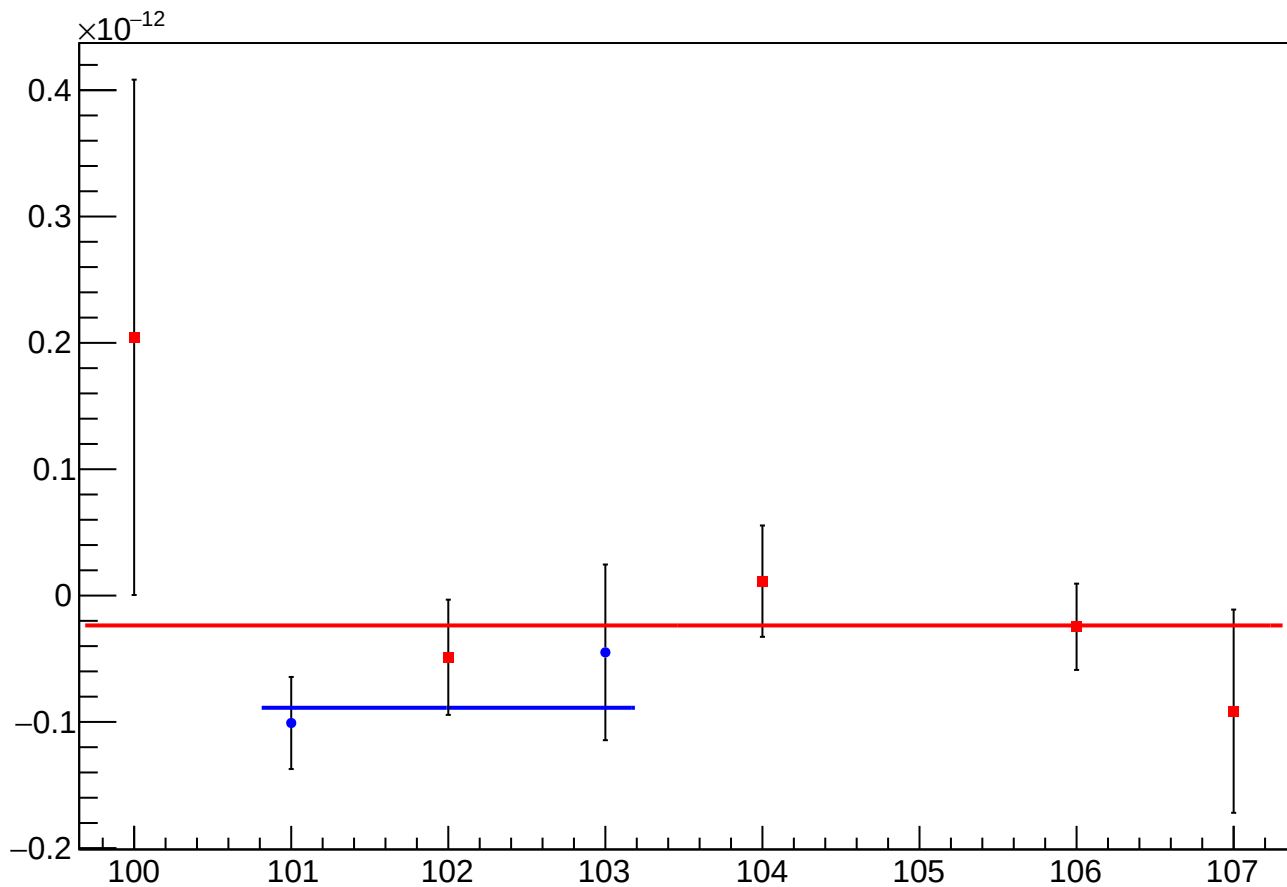
Right: 571.058 $\pm$ 0.232 χ^2 /NDF: 66418.6/6

In: 582.018 $\pm$ 0.368 χ^2 /NDF: 4461.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 571.058 $\pm$ 0.232 χ^2 /NDF: 66418.6/6

asym_sam_15_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.5/1

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

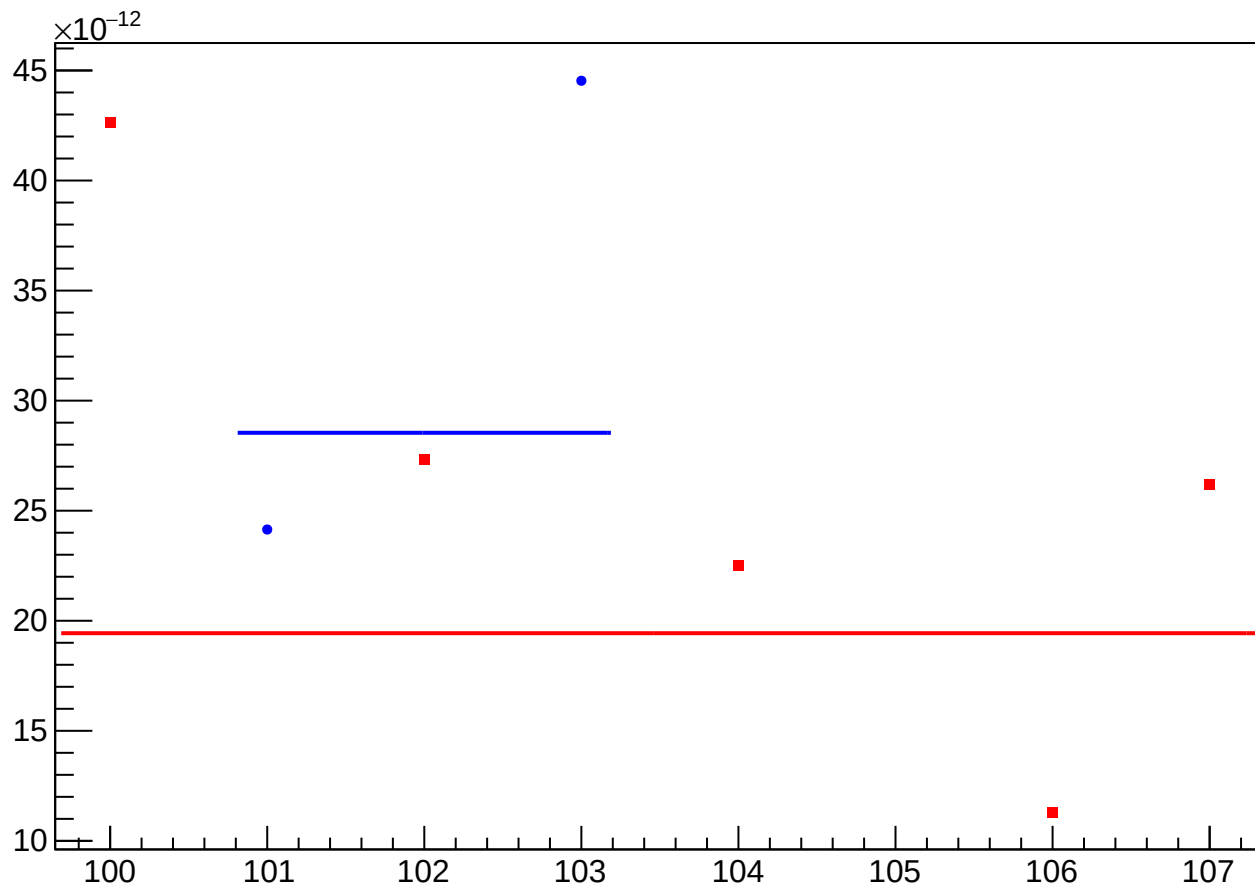
Right: -0.000+/-0.000 χ^2 /NDF: 6.2/6

In: -0.000+/-0.000 χ^2 /NDF:0.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 6.2/6

asym_sam_15_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 134920.7/1

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

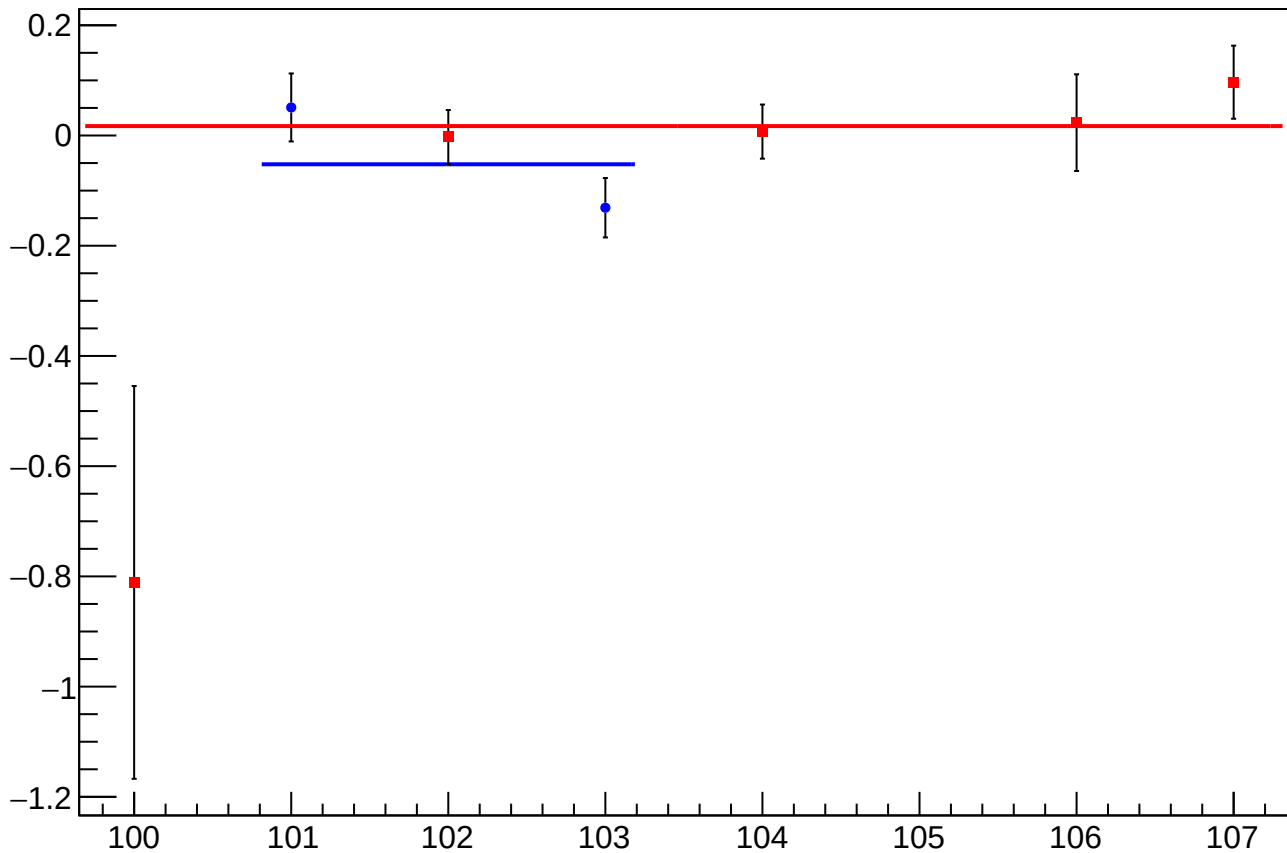
Right: 0.000+/-0.000 χ^2/NDF : 466256.6/6

In: 0.000+/-0.000 χ^2/NDF : 134920.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 466256.6/6

asym_sam_15_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.052+/-0.041 χ^2/NDF : 4.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.029 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

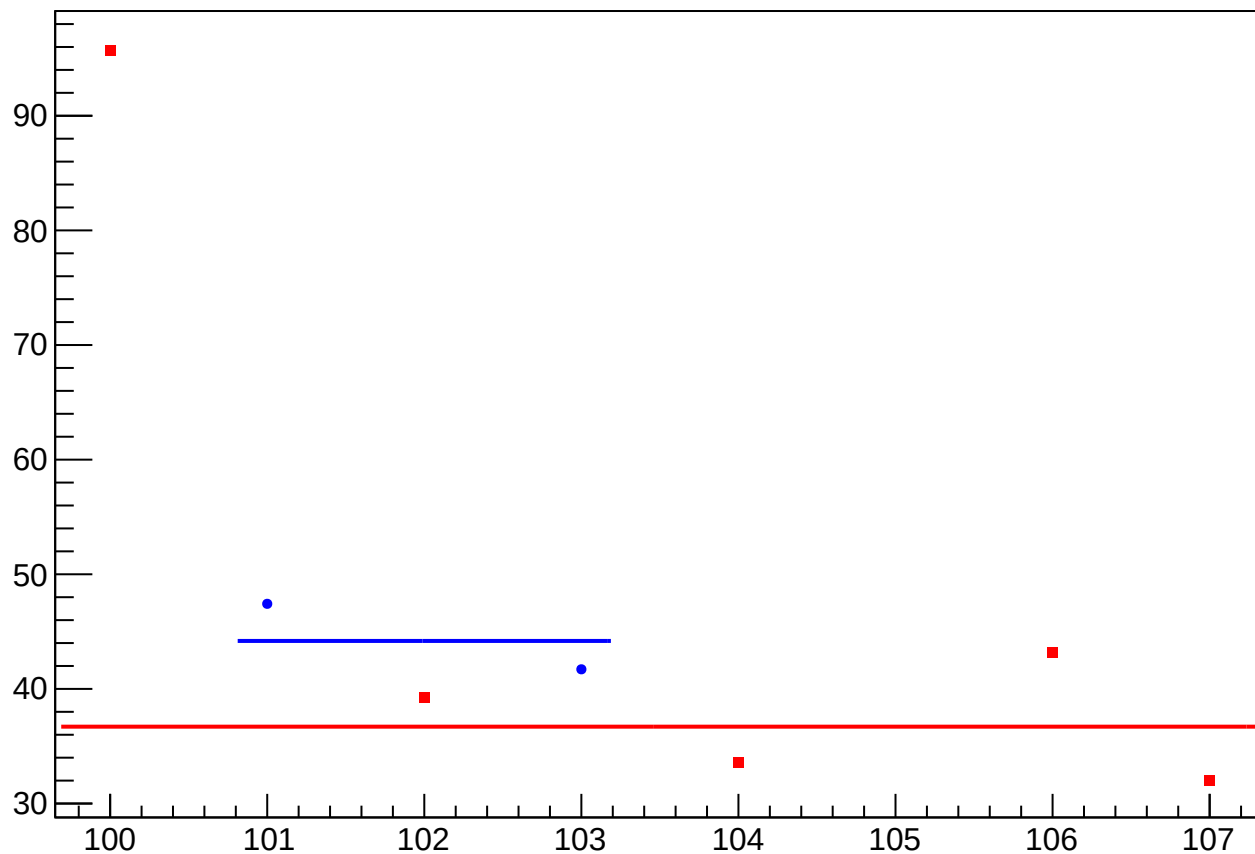
Right: -0.006+/-0.024 χ^2/NDF : 13.9/6

In: -0.052+/-0.041 χ^2/NDF : 4.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.024 χ^2/NDF : 13.9/6

asym_sam_15_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.184+/-0.029 χ^2/NDF : 9727.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.706+/-0.020 χ^2/NDF : 89493.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

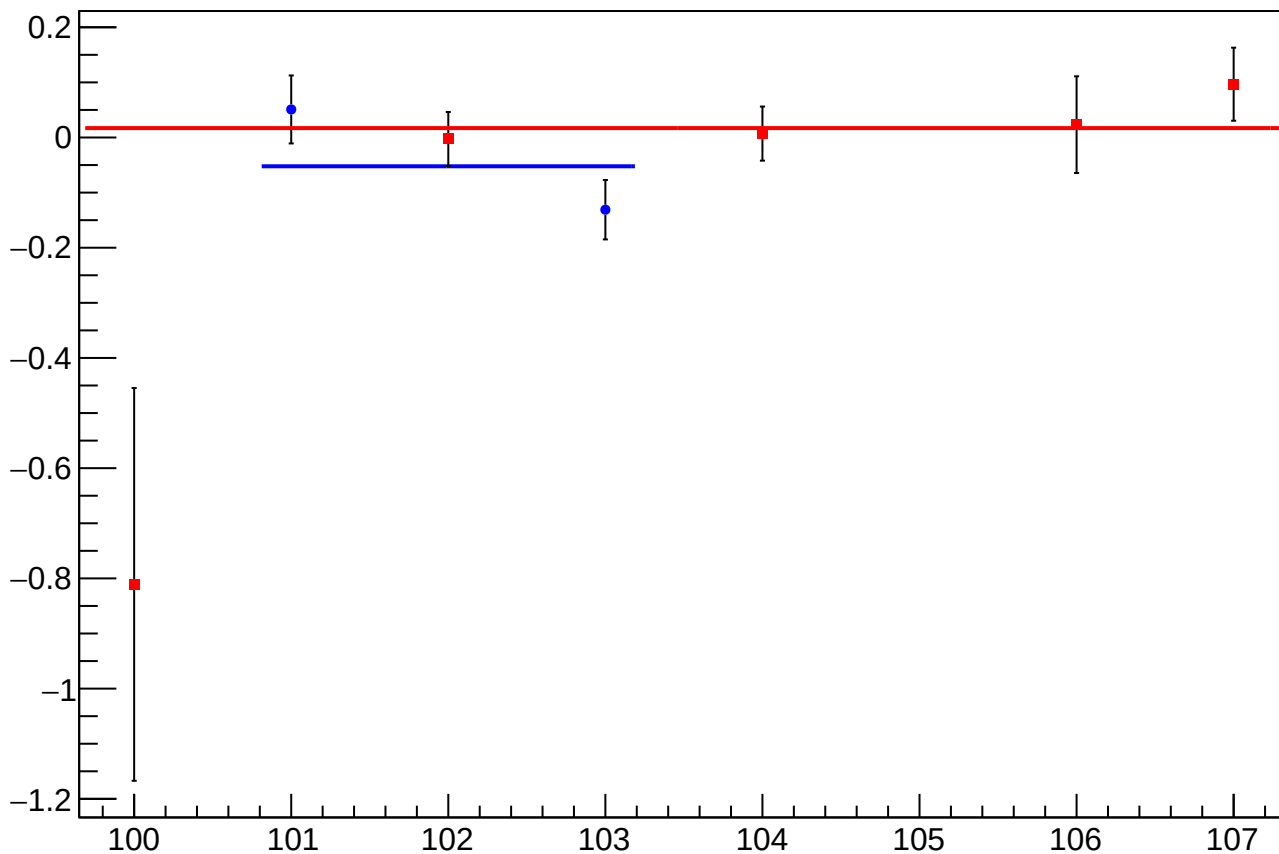
Right: 39.220+/-0.017 χ^2/NDF : 144284.7/6

In: 44.184+/-0.029 χ^2/NDF : 9727.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.220+/-0.017 χ^2/NDF : 144284.7/6

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.052+/-0.041 χ^2/NDF : 4.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.029 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

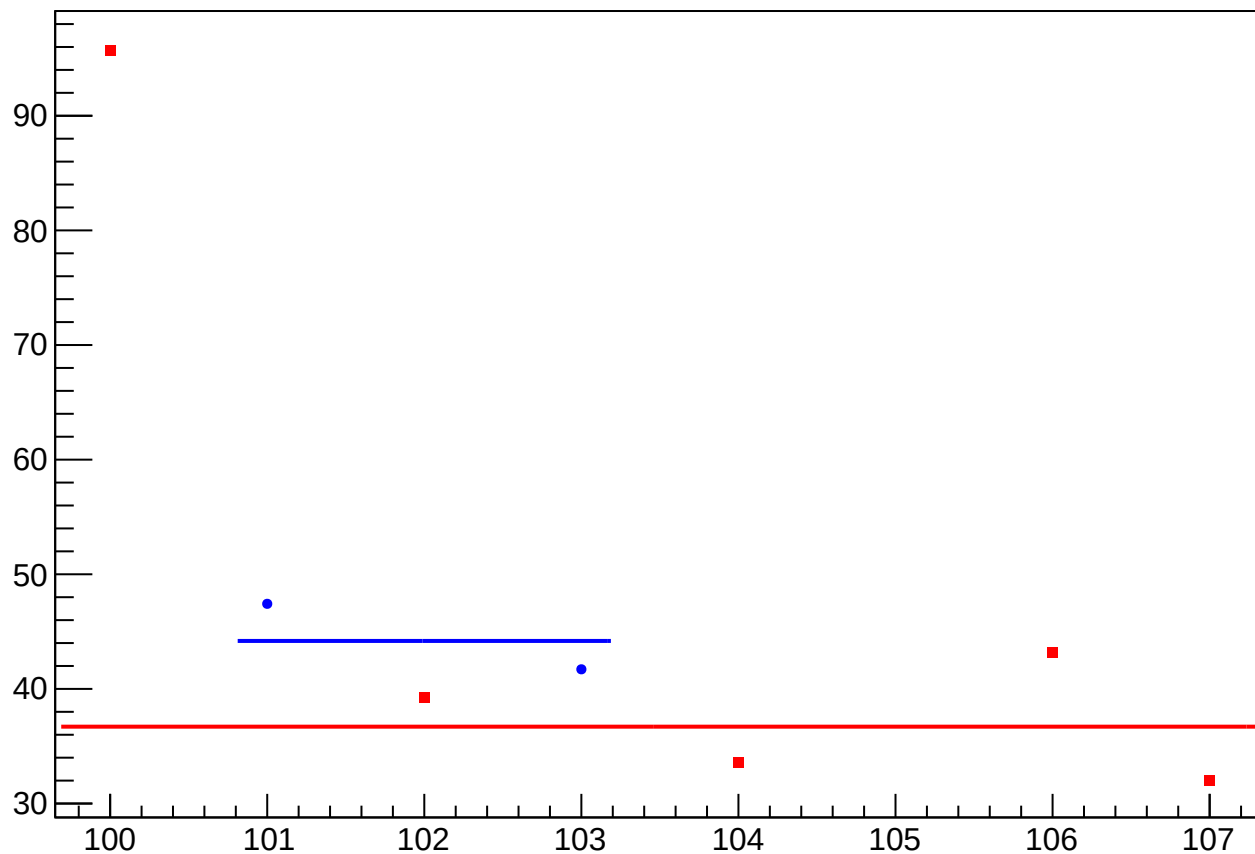
Right: -0.006+/-0.024 χ^2/NDF : 13.9/6

In: -0.052+/-0.041 χ^2/NDF : 4.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.024 χ^2/NDF : 13.9/6

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.184+/-0.029 χ^2/NDF : 9727.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.706+/-0.020 χ^2/NDF : 89493.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

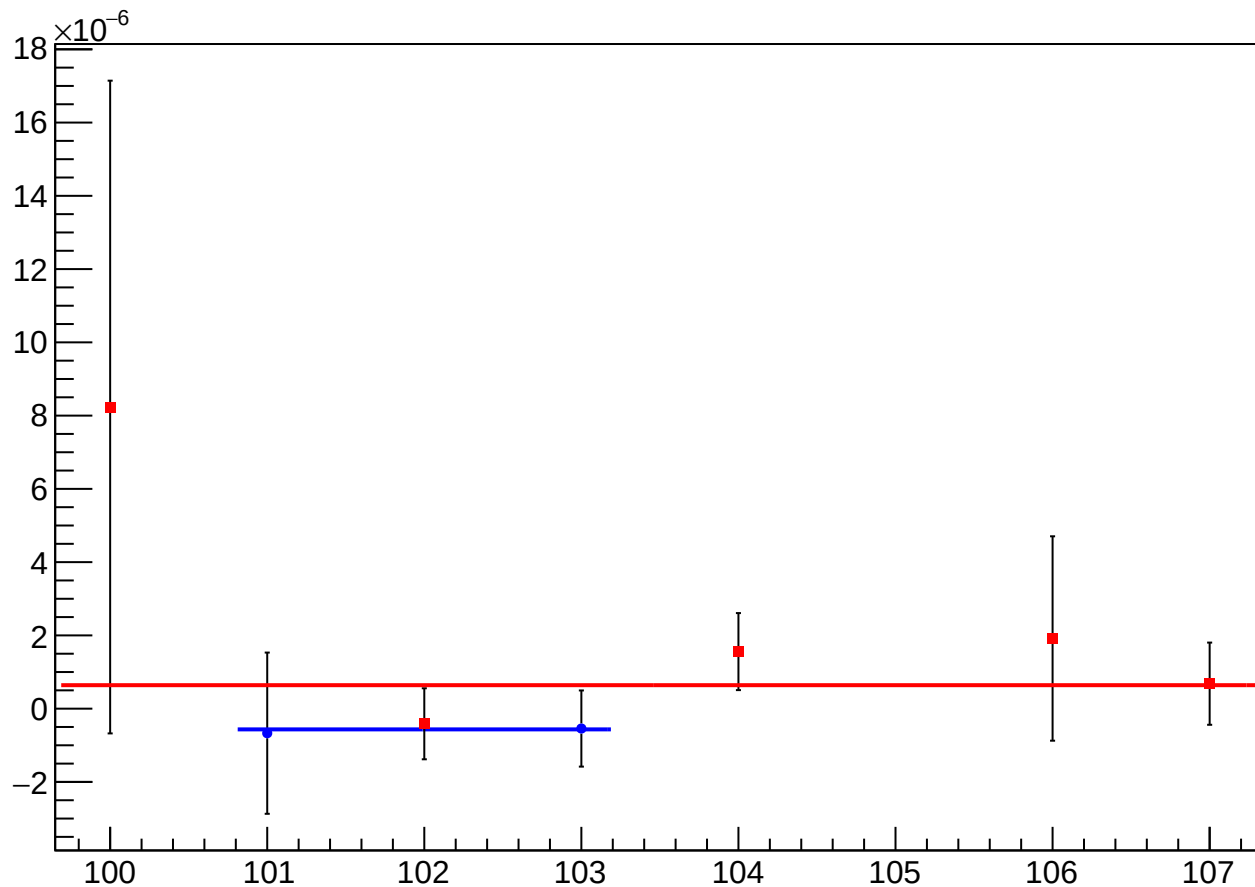
Right: 39.220+/-0.017 χ^2/NDF : 144284.7/6

In: 44.184+/-0.029 χ^2/NDF : 9727.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.220+/-0.017 χ^2/NDF : 144284.7/6

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/1

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

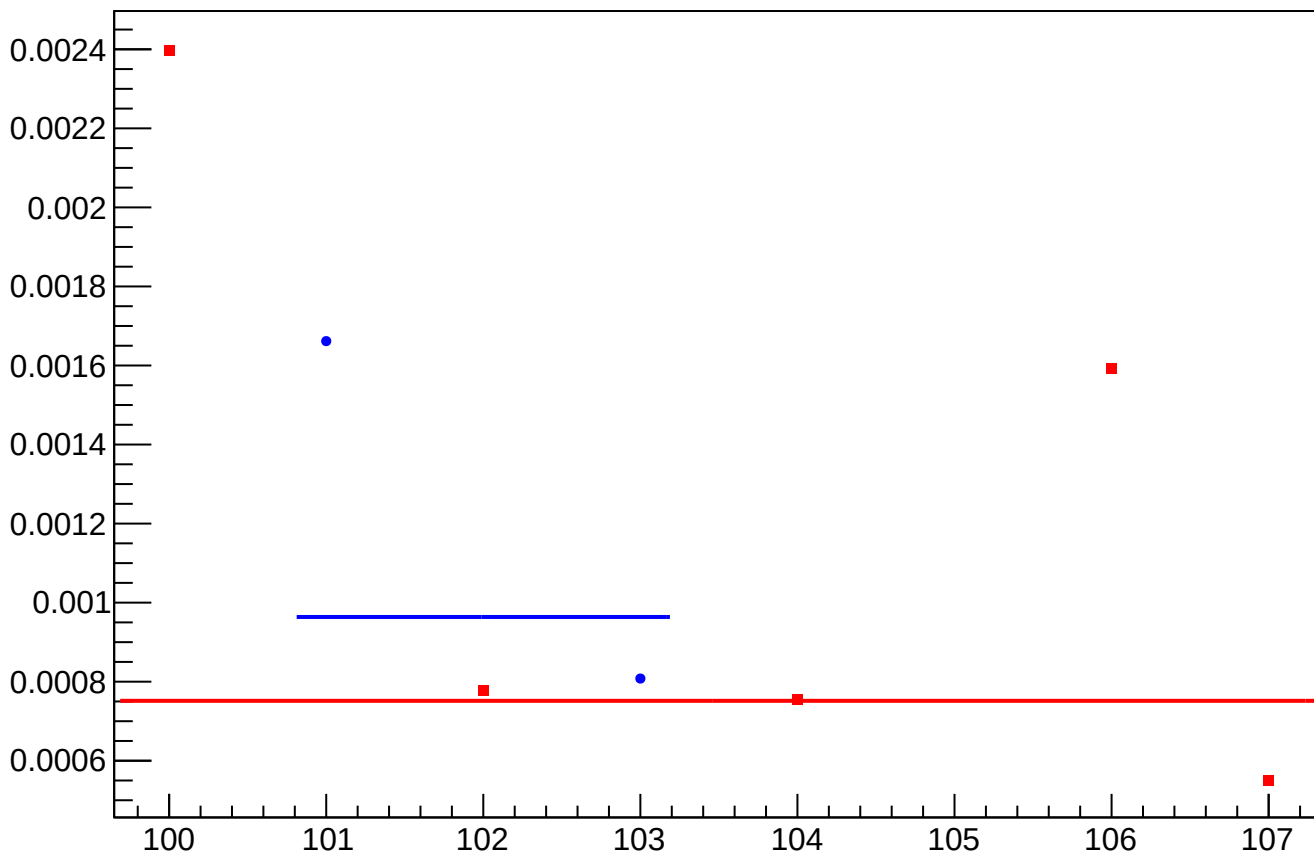
Right: 0.000+/-0.000 χ^2/NDF : 4.1/6

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.1/6

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 246075.7/1

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

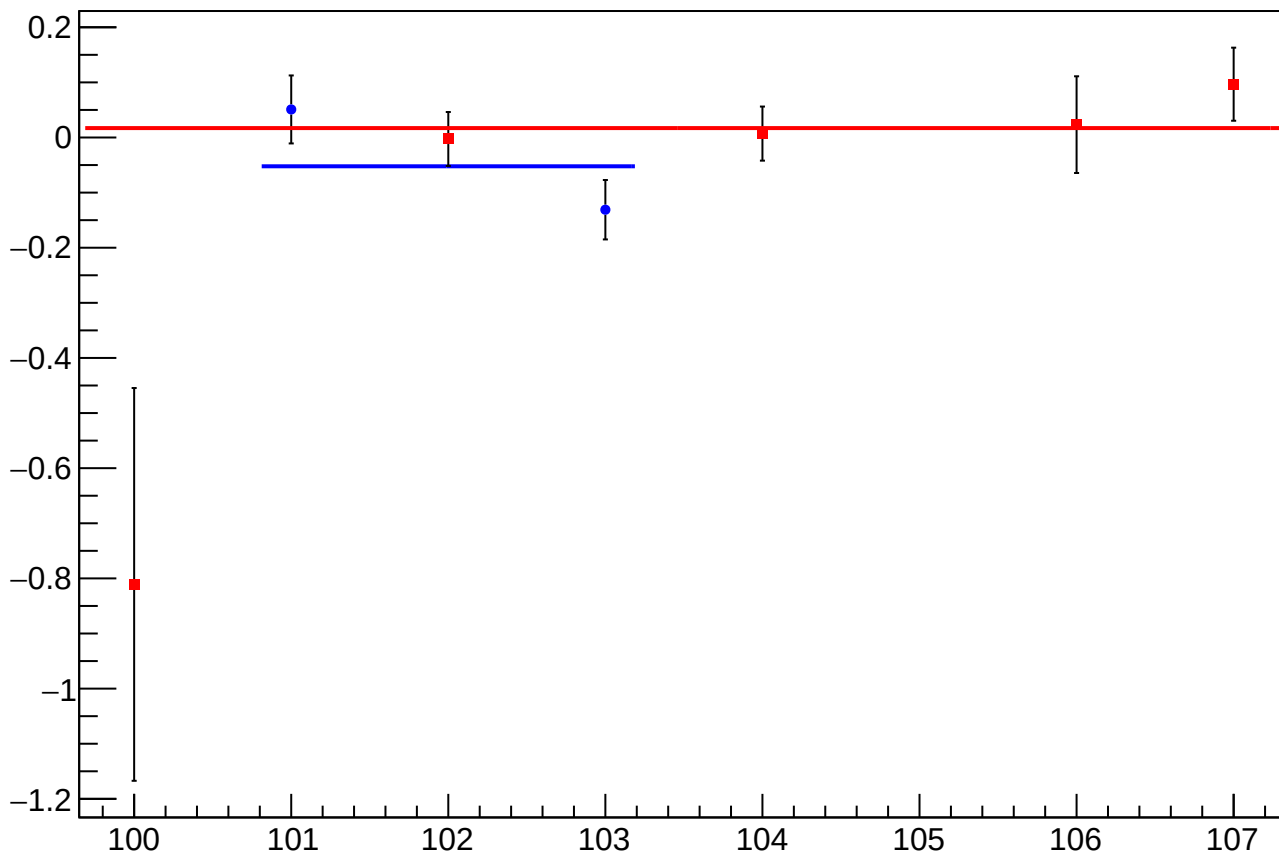
Right: 0.001+/-0.000 χ^2/NDF : 635046.3/6

In: 0.001+/-0.000 χ^2/NDF : 246075.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 635046.3/6

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.052 $\pm$ 0.041 χ^2 /NDF: 4.9/1

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

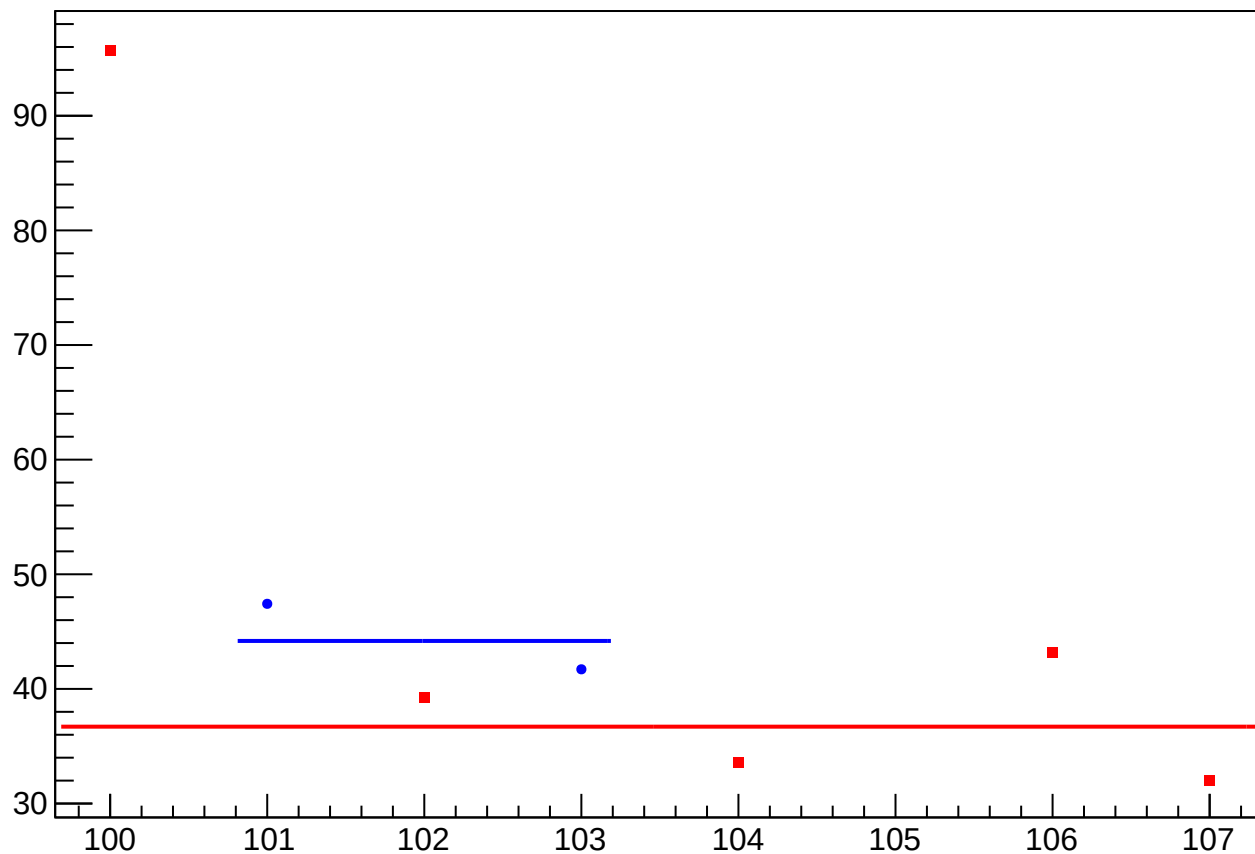
Right: -0.006 $\pm$ 0.024 χ^2 /NDF: 13.9/6

In: -0.052 $\pm$ 0.041 χ^2 /NDF: 4.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.006 $\pm$ 0.024 χ^2 /NDF: 13.9/6

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.184+/-0.029 χ^2/NDF : 9727.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.706+/-0.020 χ^2/NDF : 89493.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

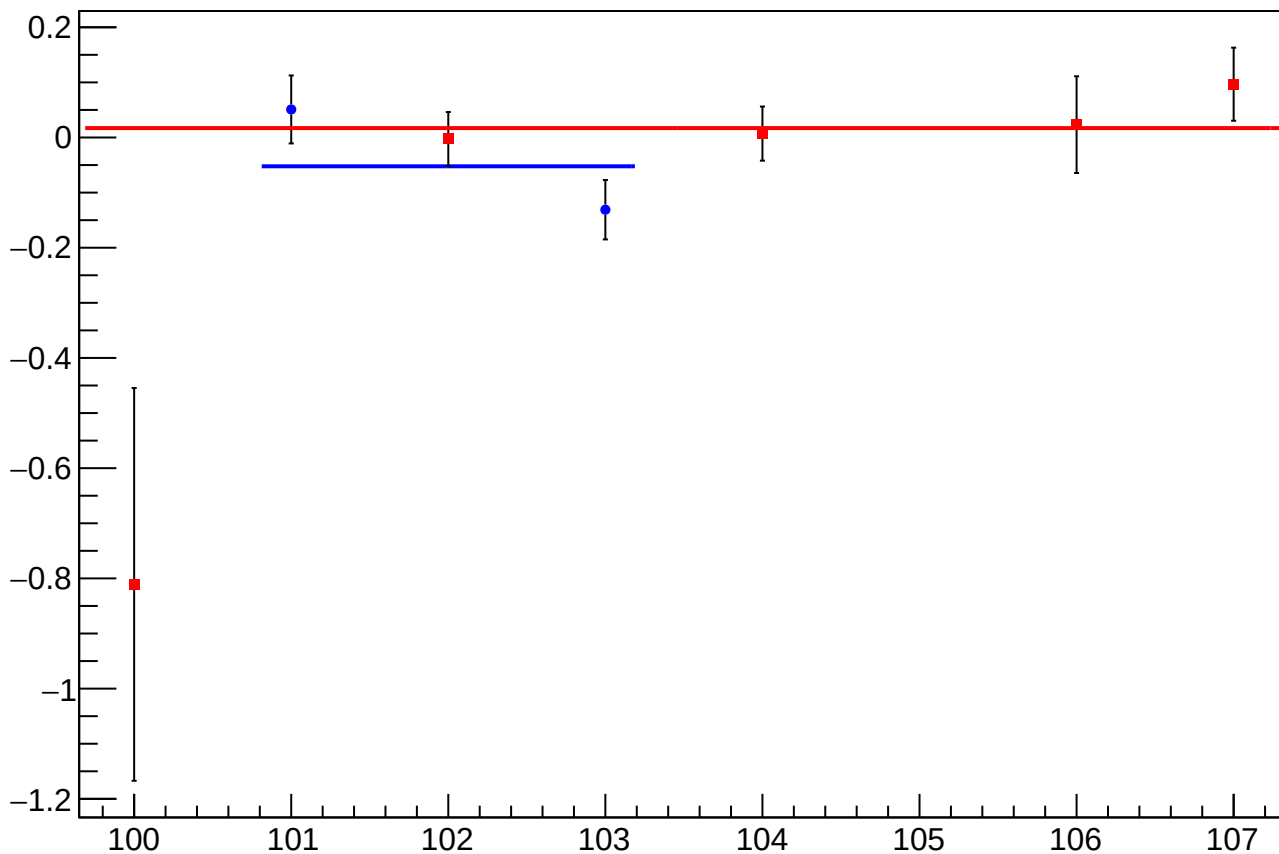
Right: 39.221+/-0.017 χ^2/NDF : 144284.6/6

In: 44.184+/-0.029 χ^2/NDF : 9727.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.221+/-0.017 χ^2/NDF : 144284.6/6

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.052 $\pm$ 0.041 χ^2 /NDF: 4.9/1

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

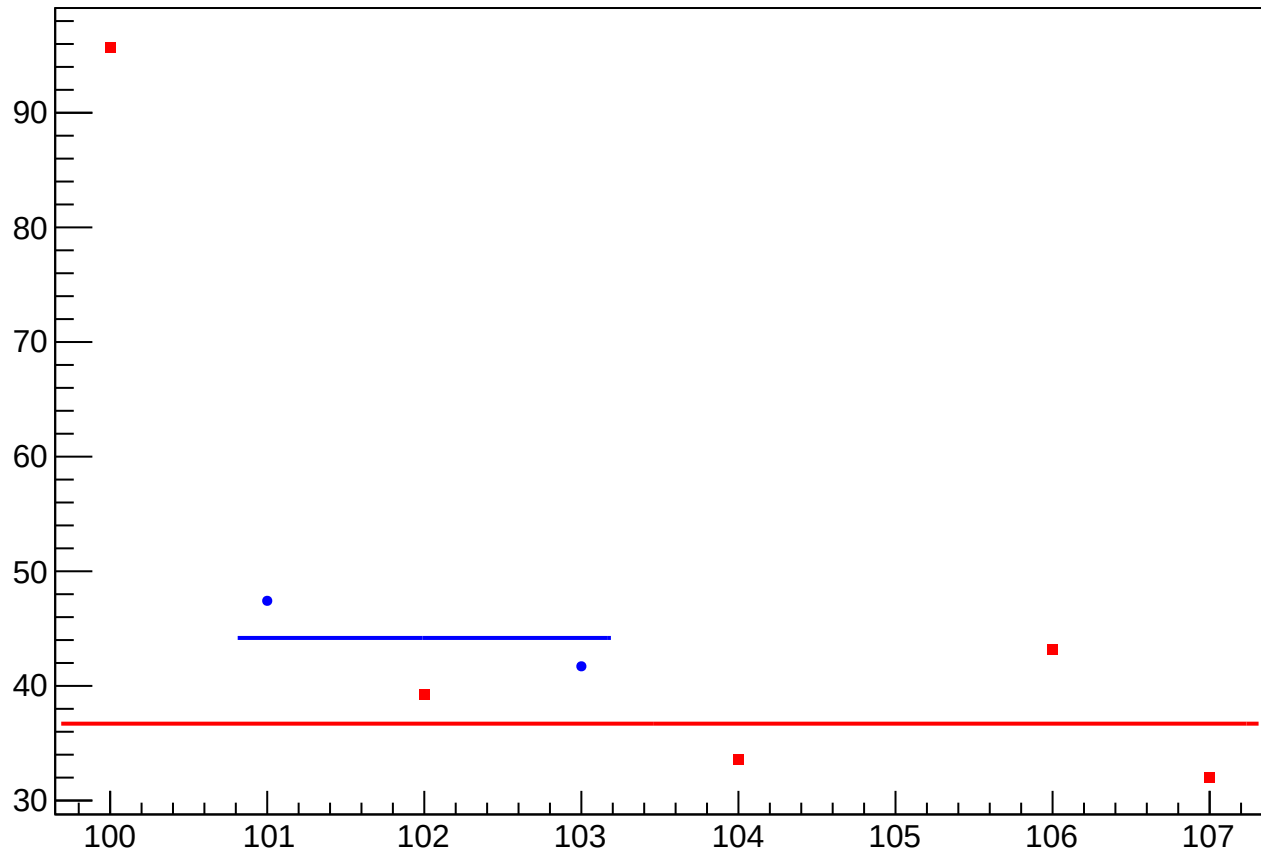
Right: -0.006 $\pm$ 0.024 χ^2 /NDF: 13.9/6

In: -0.052 $\pm$ 0.041 χ^2 /NDF: 4.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.006 $\pm$ 0.024 χ^2 /NDF: 13.9/6

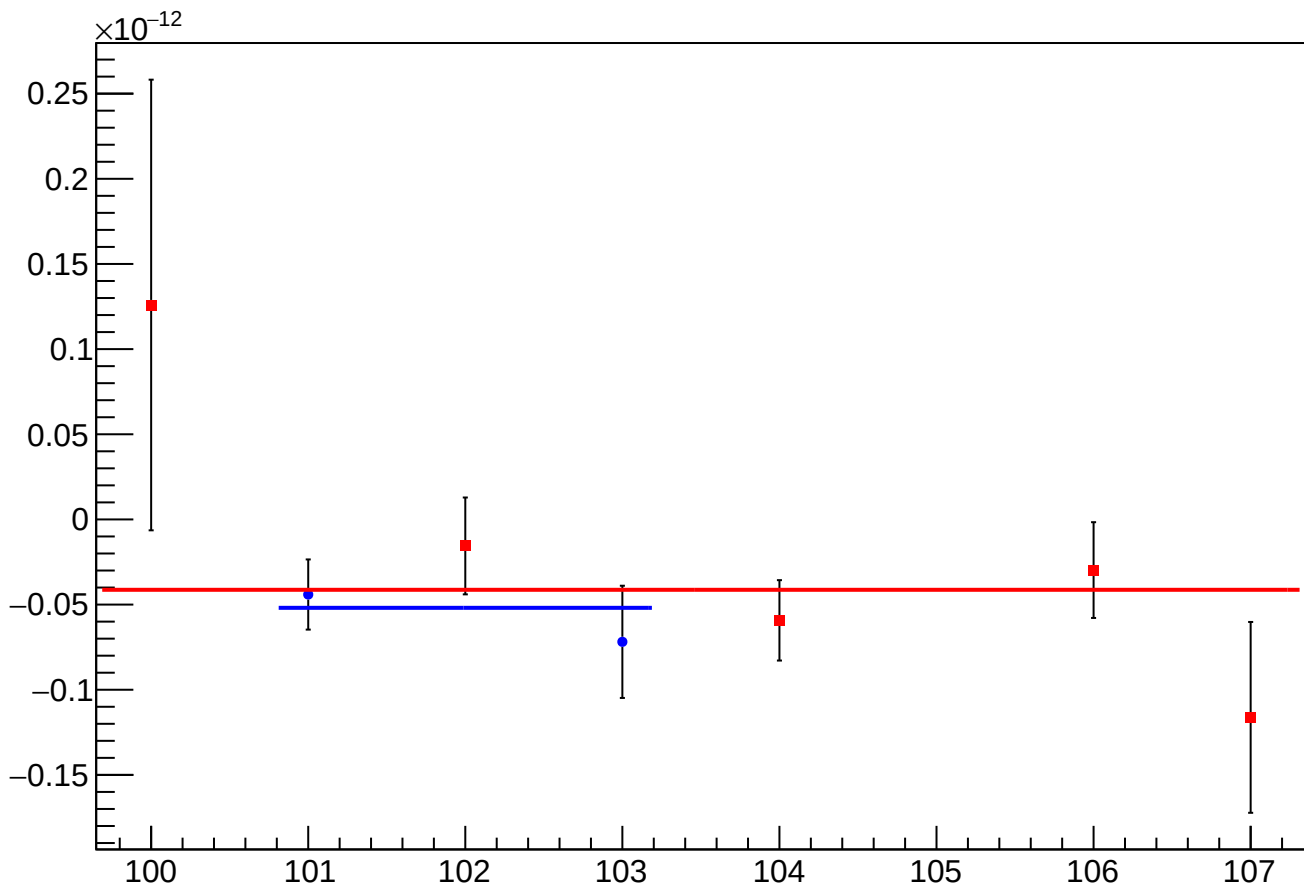
asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.184+/-0.029 χ^2/NDF : 9727.8/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 36.706+/-0.020 χ^2/NDF : 89493.4/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 39.221+/-0.017 χ^2/NDF : 144284.6/6
 In: 44.184+/-0.029 χ^2/NDF : 9727.8/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 39.221+/-0.017 χ^2/NDF : 144284.6/6

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 0.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 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

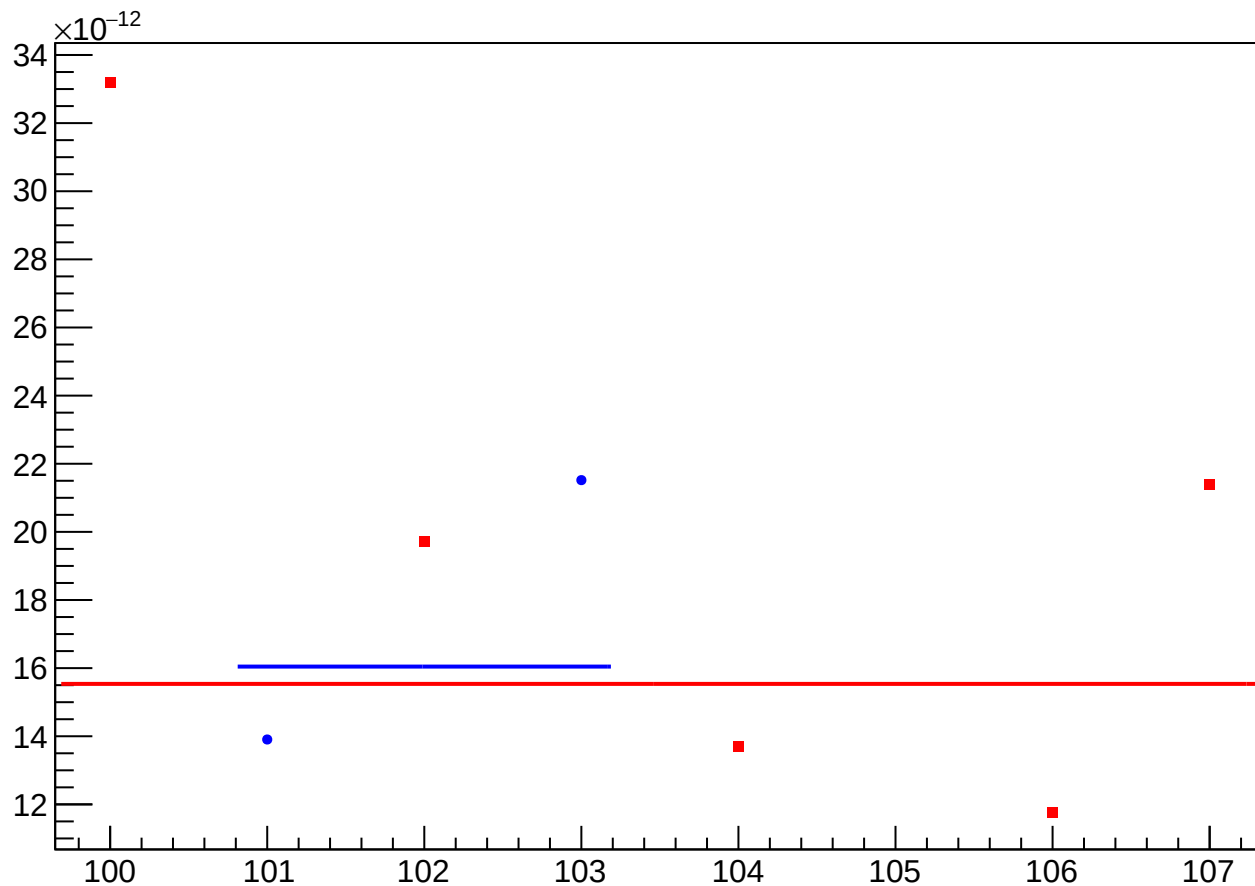
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.7/6

In: -0.000 $\pm$ 0.000 χ^2 /NDF:0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.7/6

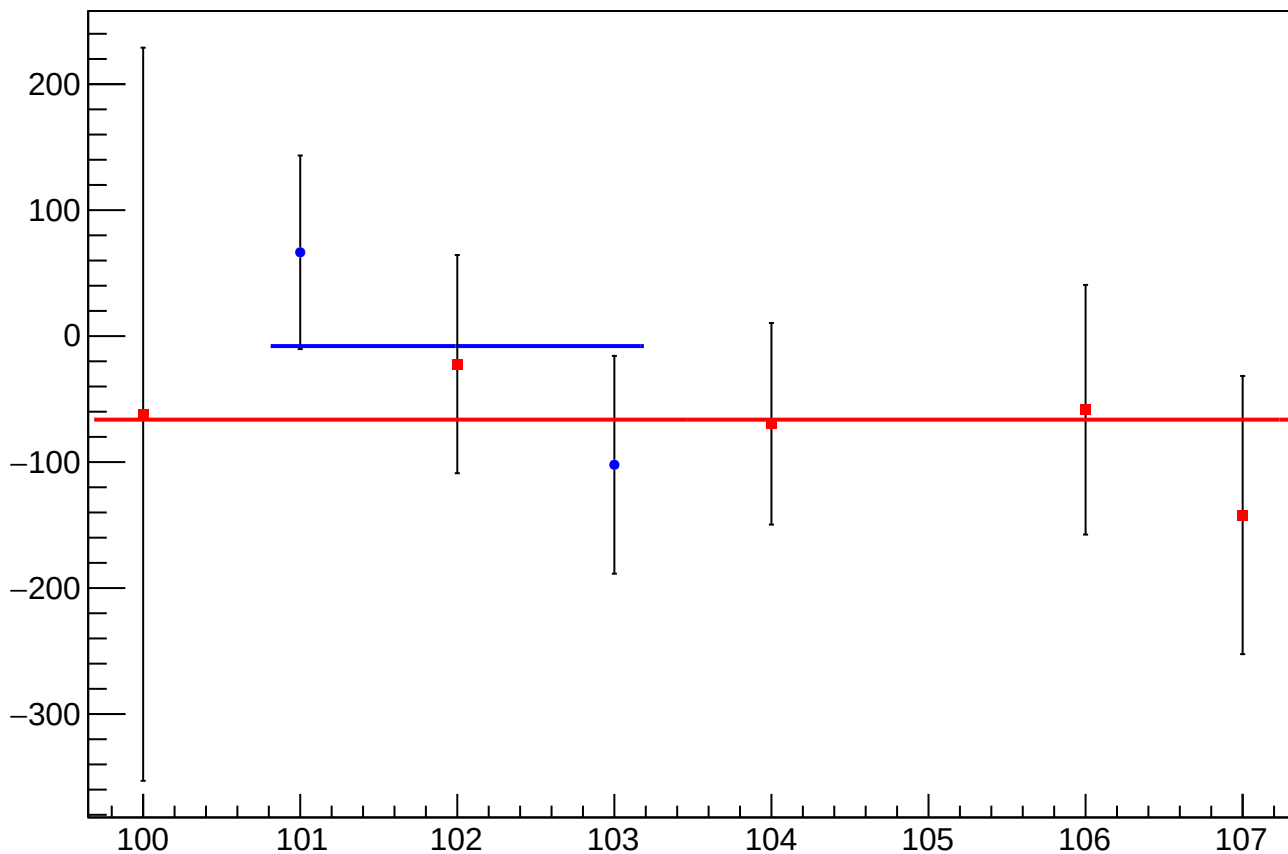
asym_sam_15_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 76794.5/1
 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 : 226756.5/6
 In: 0.000+/-0.000 χ^2/NDF : 76794.5/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 226756.5/6

reg_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: -7.910±/-57.434 χ^2/NDF : 2.1/1

Left Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

Right Out: -66.303±/-45.395 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

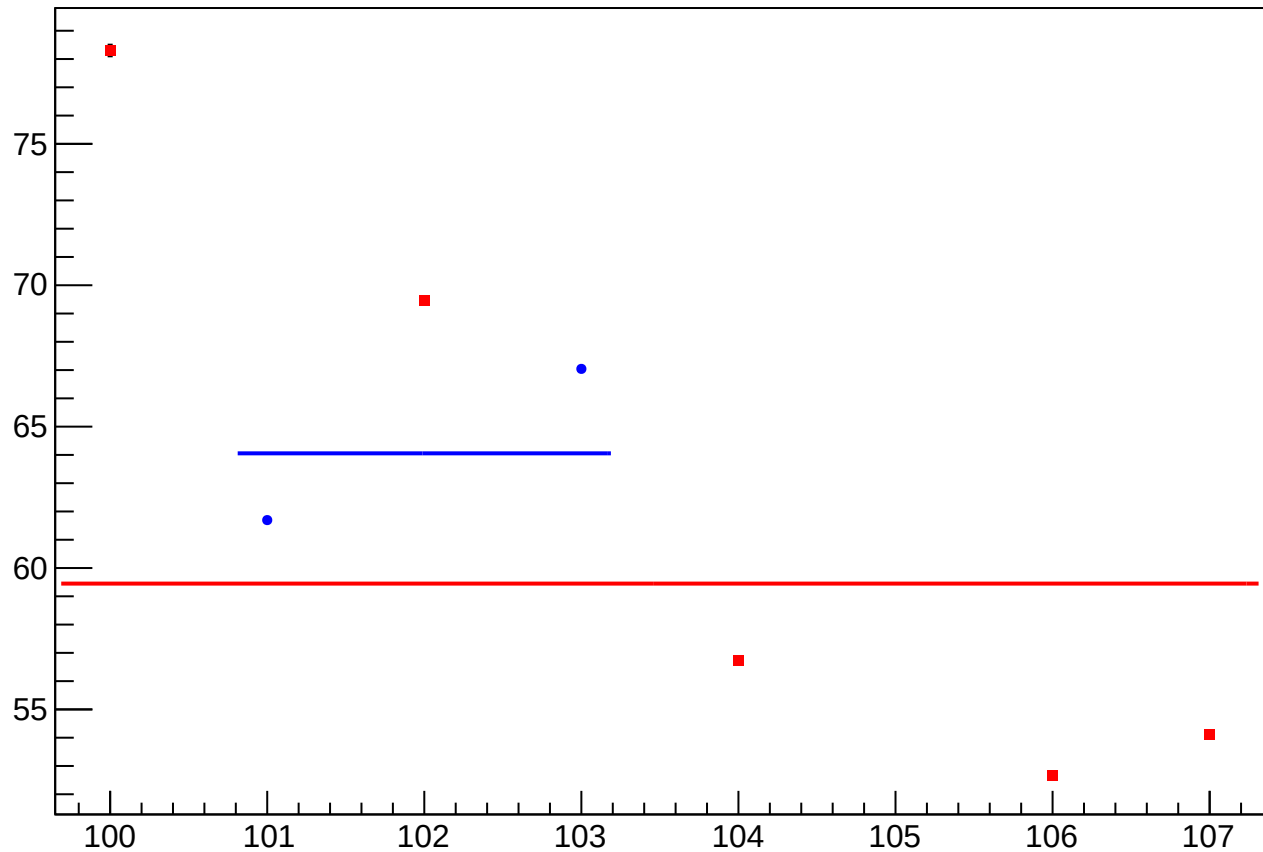
Right: -43.851±/-35.614 χ^2/NDF : 3.5/6

In: -7.910±/-57.434 χ^2/NDF : 2.1/1

Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

All: -43.851±/-35.614 χ^2/NDF : 3.5/6

reg_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 64.056+/-0.041 χ^2/NDF : 4274.7/1

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

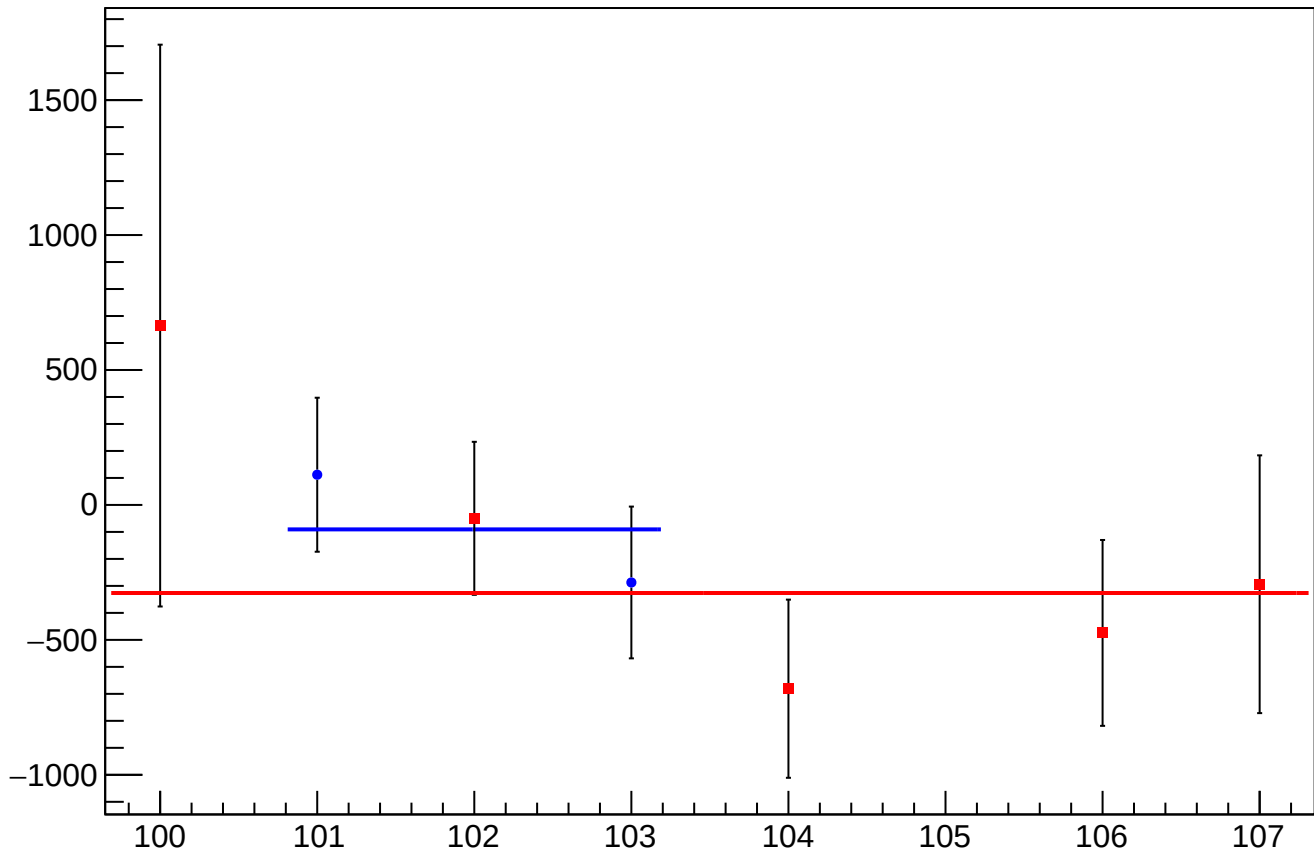
Right: 61.221+/-0.025 χ^2/NDF : 63626.4/6

In: 64.056+/-0.041 χ^2/NDF : 4274.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.221+/-0.025 χ^2/NDF : 63626.4/6

asym_sam_37_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -90.609 $\pm$ 200.263 χ^2 /NDF: 1.0/1

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

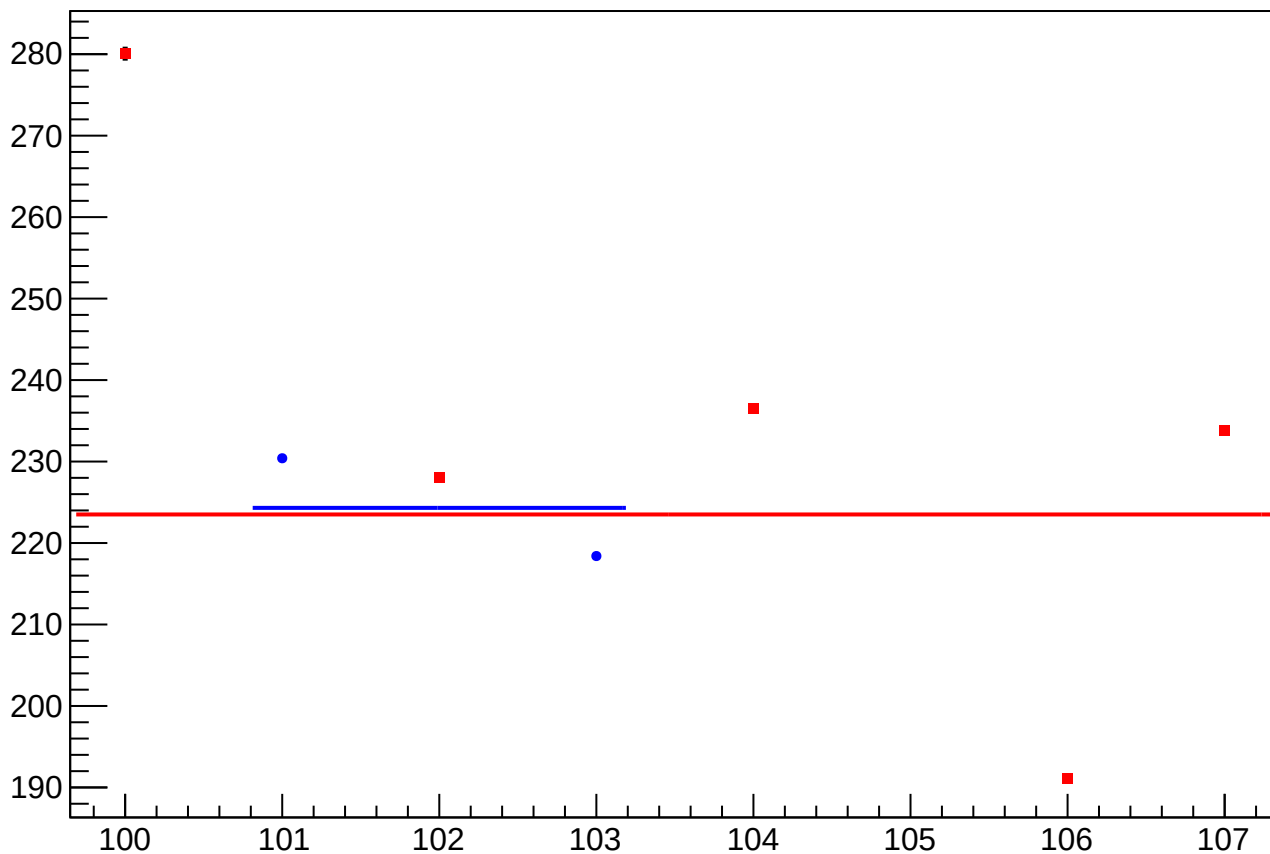
Right: -228.851 $\pm$ 128.773 χ^2 /NDF: 5.0/6

In: -90.609 $\pm$ 200.263 χ^2 /NDF:1.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -228.851 $\pm$ 128.773 χ^2 /NDF: 5.0/6

asym_sam_37_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 224.315 $\pm$ 0.142 χ^2 /NDF: 1795.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 223.506 $\pm$ 0.119 χ^2 /NDF: 28228.4/4

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

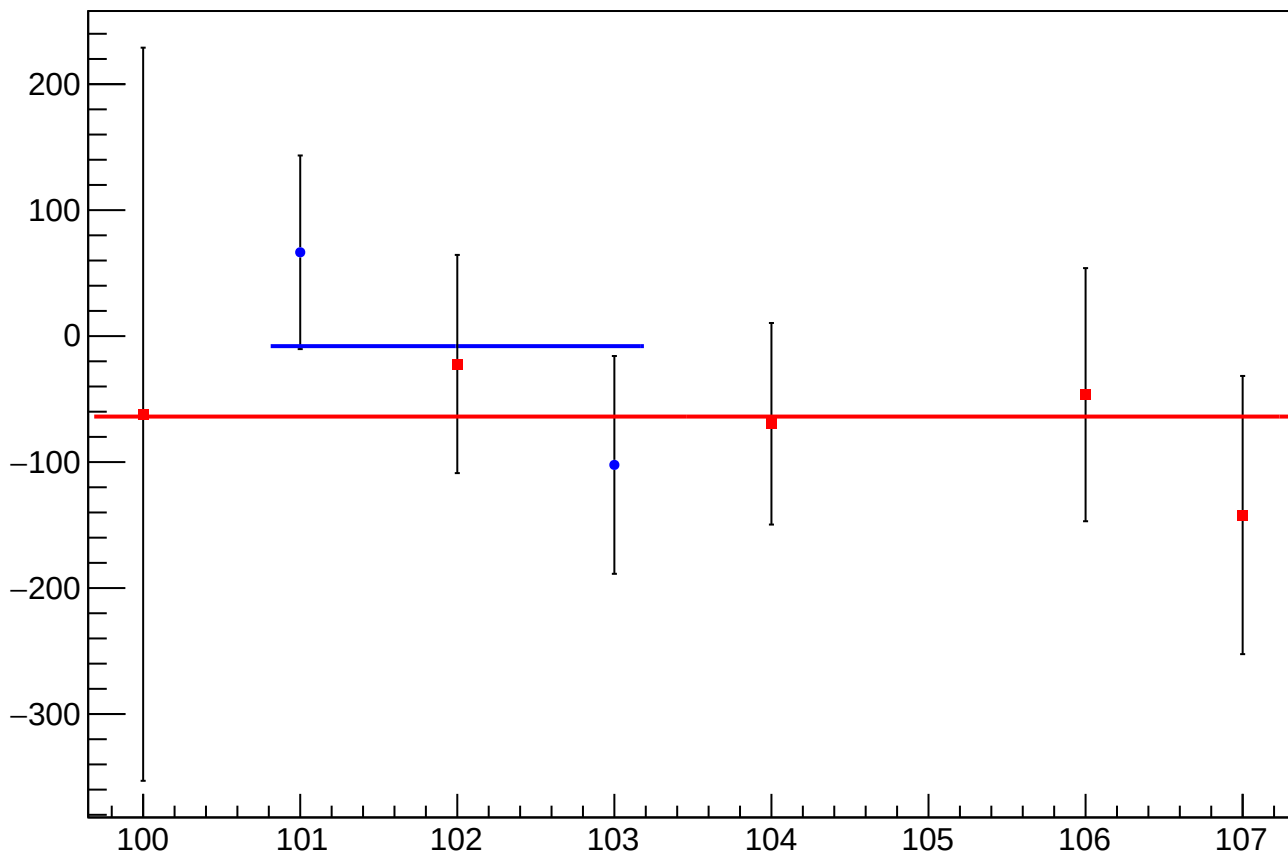
Right: 223.840 $\pm$ 0.091 χ^2 /NDF: 30042.9/6

In: 224.315 $\pm$ 0.142 χ^2 /NDF:1795.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 223.840 $\pm$ 0.091 χ^2 /NDF: 30042.9/6

cor_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: -7.960+/-57.434 χ^2/NDF : 2.1/1

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

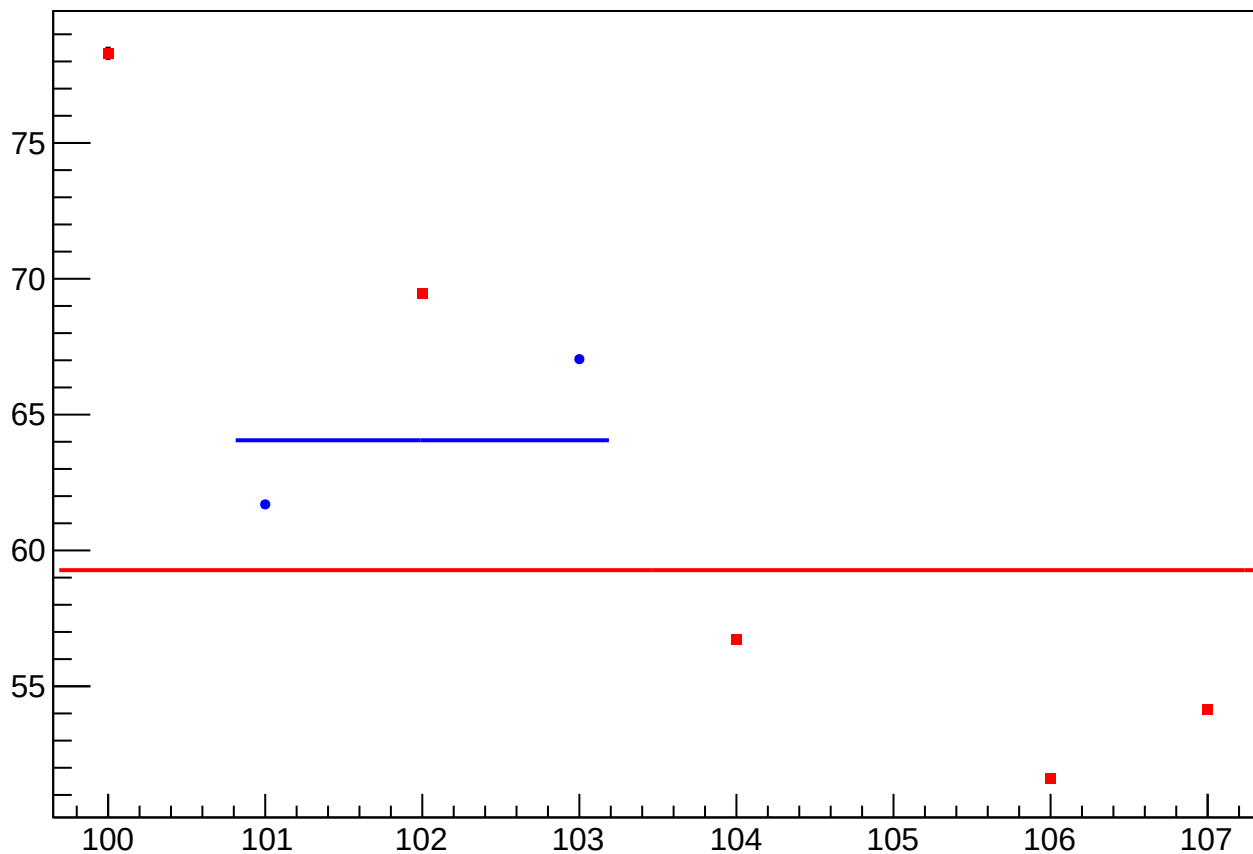
Right: -42.293+/-35.679 χ^2/NDF : 3.5/6

In: -7.960+/-57.434 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.293+/-35.679 χ^2/NDF : 3.5/6

cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 64.056 $\pm$ 0.041 χ^2 /NDF: 4274.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 59.275 $\pm$ 0.032 χ^2 /NDF: 54308.8/4

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

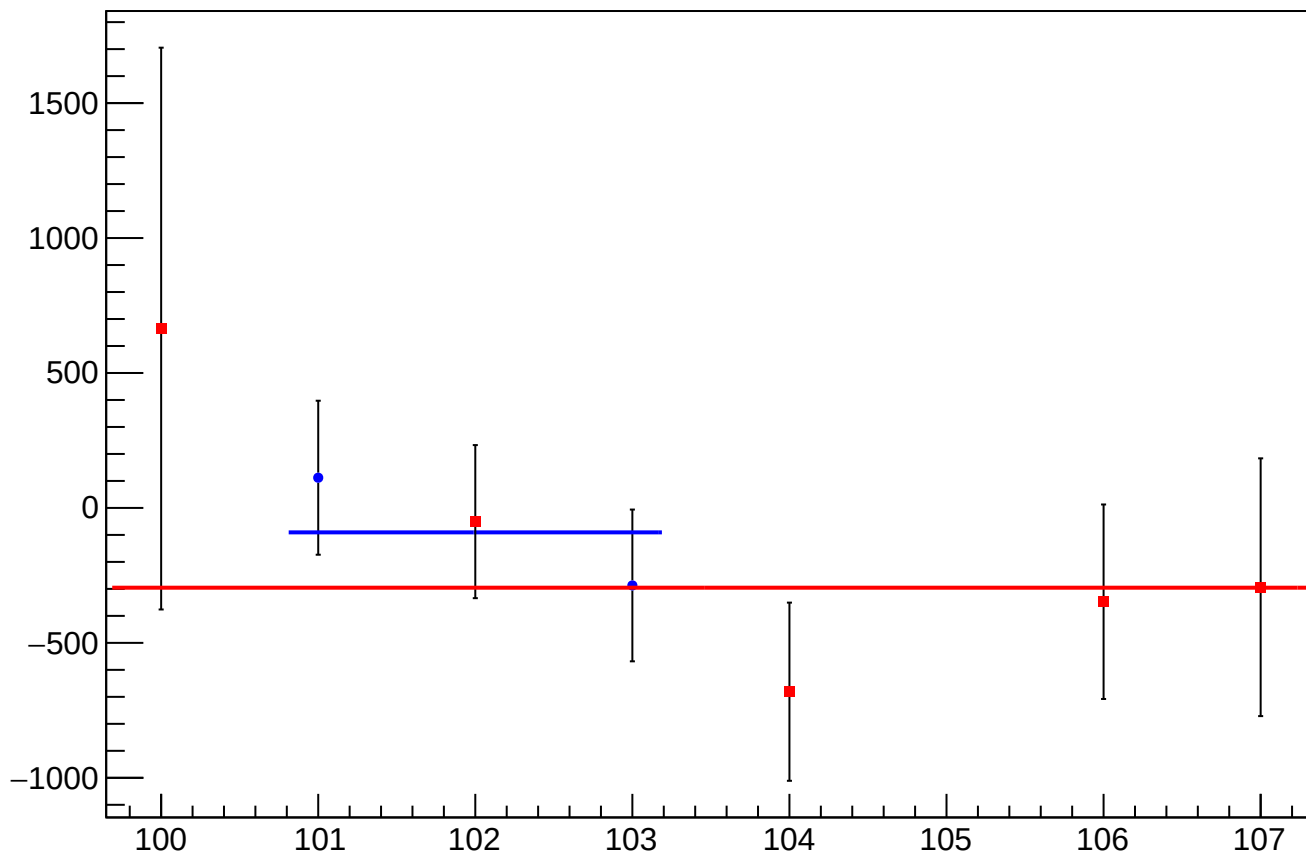
Right: 61.120 $\pm$ 0.025 χ^2 /NDF: 67094.4/6

In: 64.056 $\pm$ 0.041 χ^2 /NDF: 4274.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 61.120 $\pm$ 0.025 χ^2 /NDF: 67094.4/6

asym_sam_37_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -90.572 $\pm$ 200.267 χ^2 /NDF: 1.0/1

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

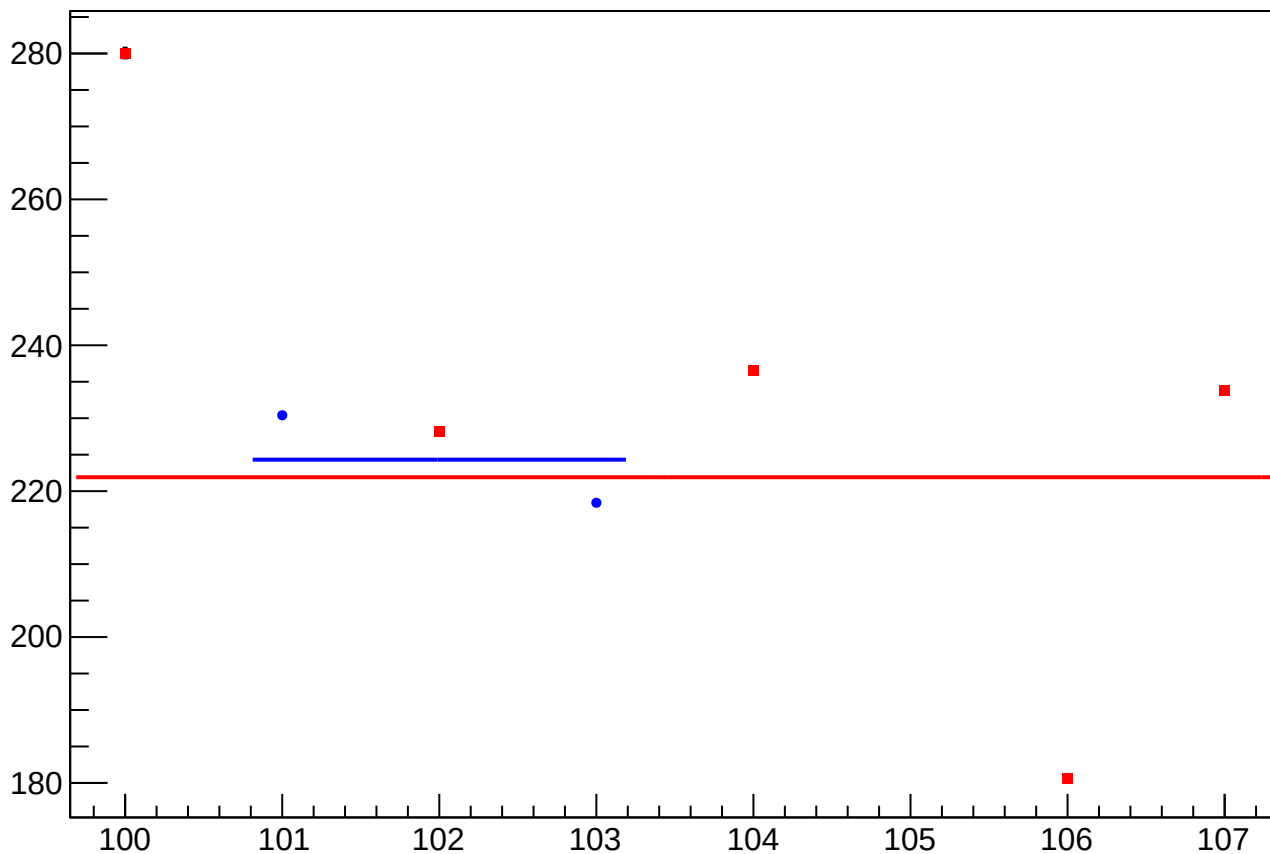
Right: -209.743 $\pm$ 129.583 χ^2 /NDF: 4.6/6

In: -90.572 $\pm$ 200.267 χ^2 /NDF:1.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -209.743 $\pm$ 129.583 χ^2 /NDF: 4.6/6

asym_sam_37_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 224.319+/-0.142 χ^2/NDF : 1793.0/1

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

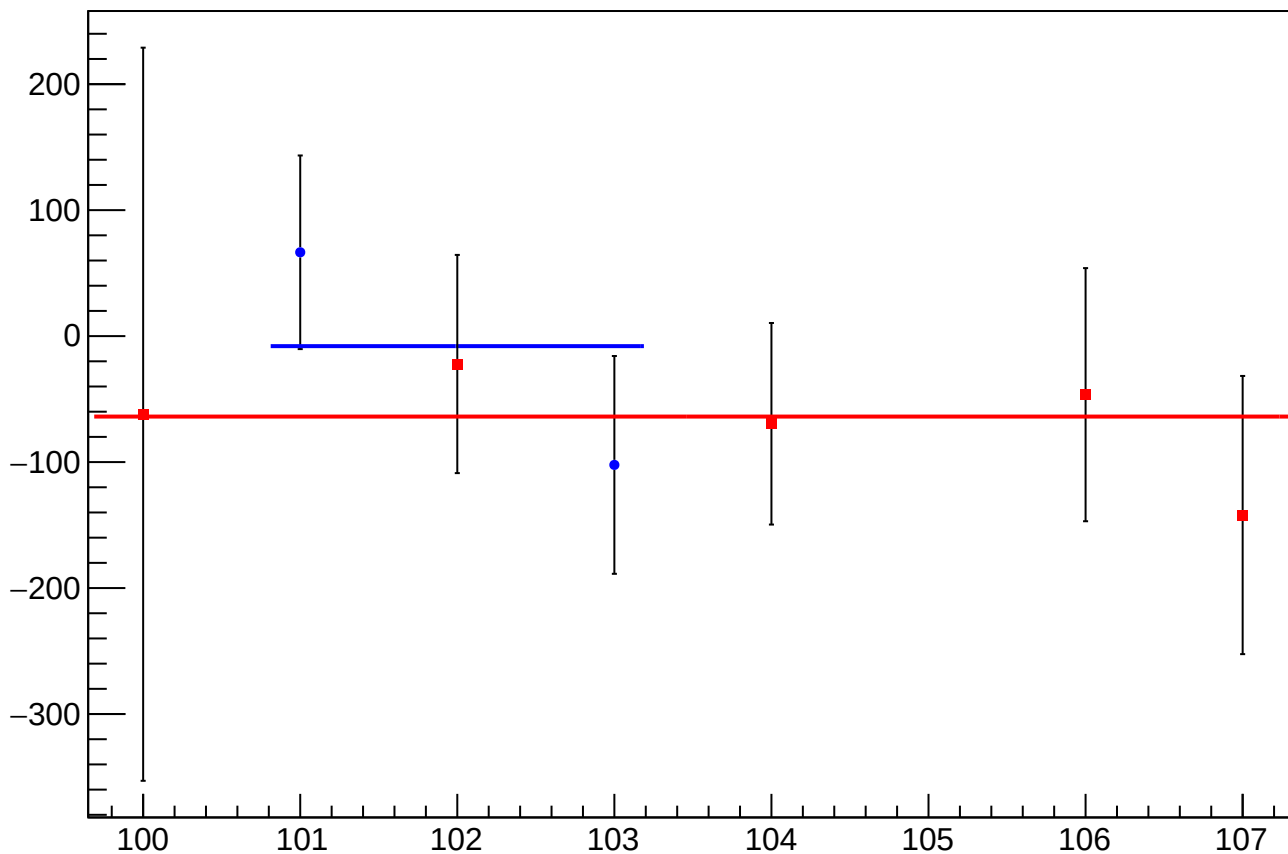
Right: 222.918+/-0.092 χ^2/NDF : 40717.3/6

In: 224.319+/-0.142 χ^2/NDF : 1793.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 222.918+/-0.092 χ^2/NDF : 40717.3/6

eigen_cor_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: -7.960+/-57.434 χ^2/NDF : 2.1/1

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

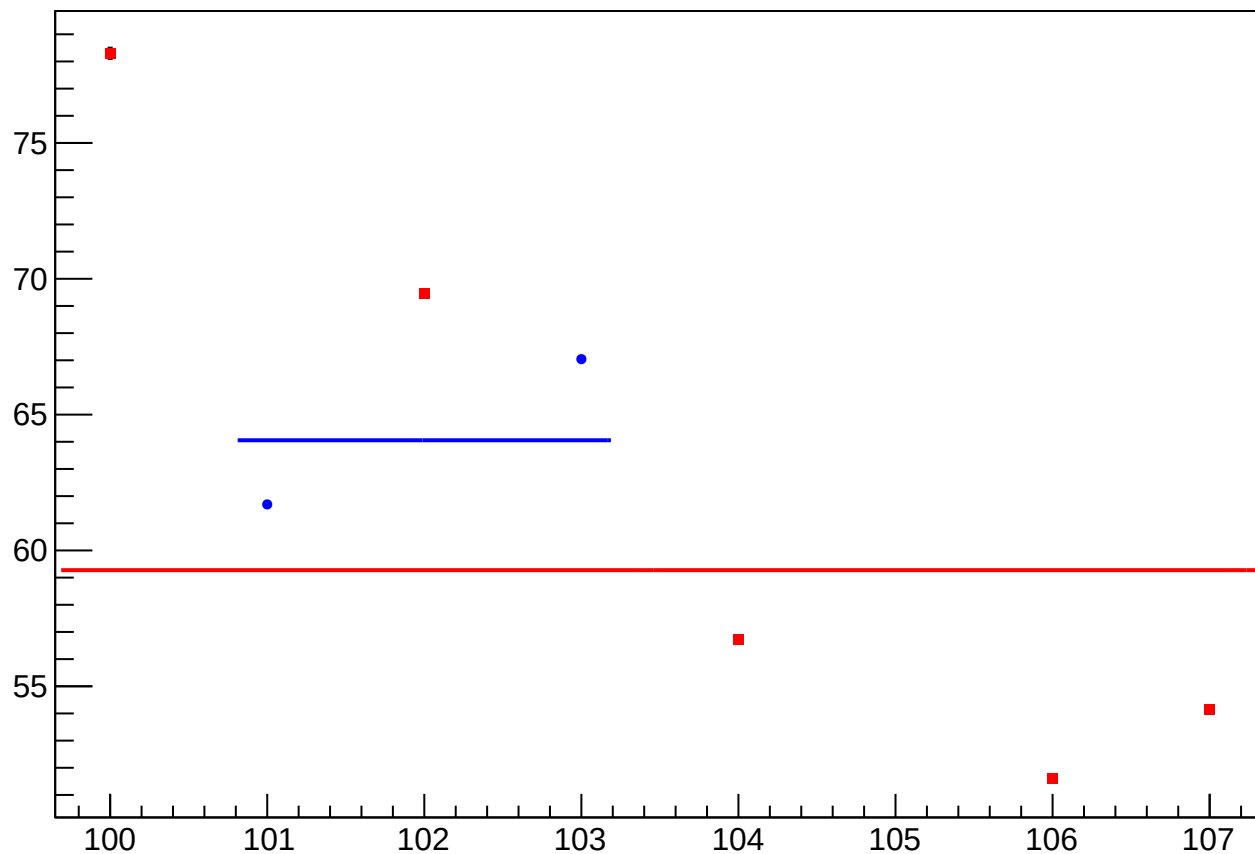
Right: -42.293+/-35.679 χ^2/NDF : 3.5/6

In: -7.960+/-57.434 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.293+/-35.679 χ^2/NDF : 3.5/6

eigen_cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 64.056 $\pm$ 0.041 χ^2 /NDF: 4274.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 59.275 $\pm$ 0.032 χ^2 /NDF: 54308.8/4

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

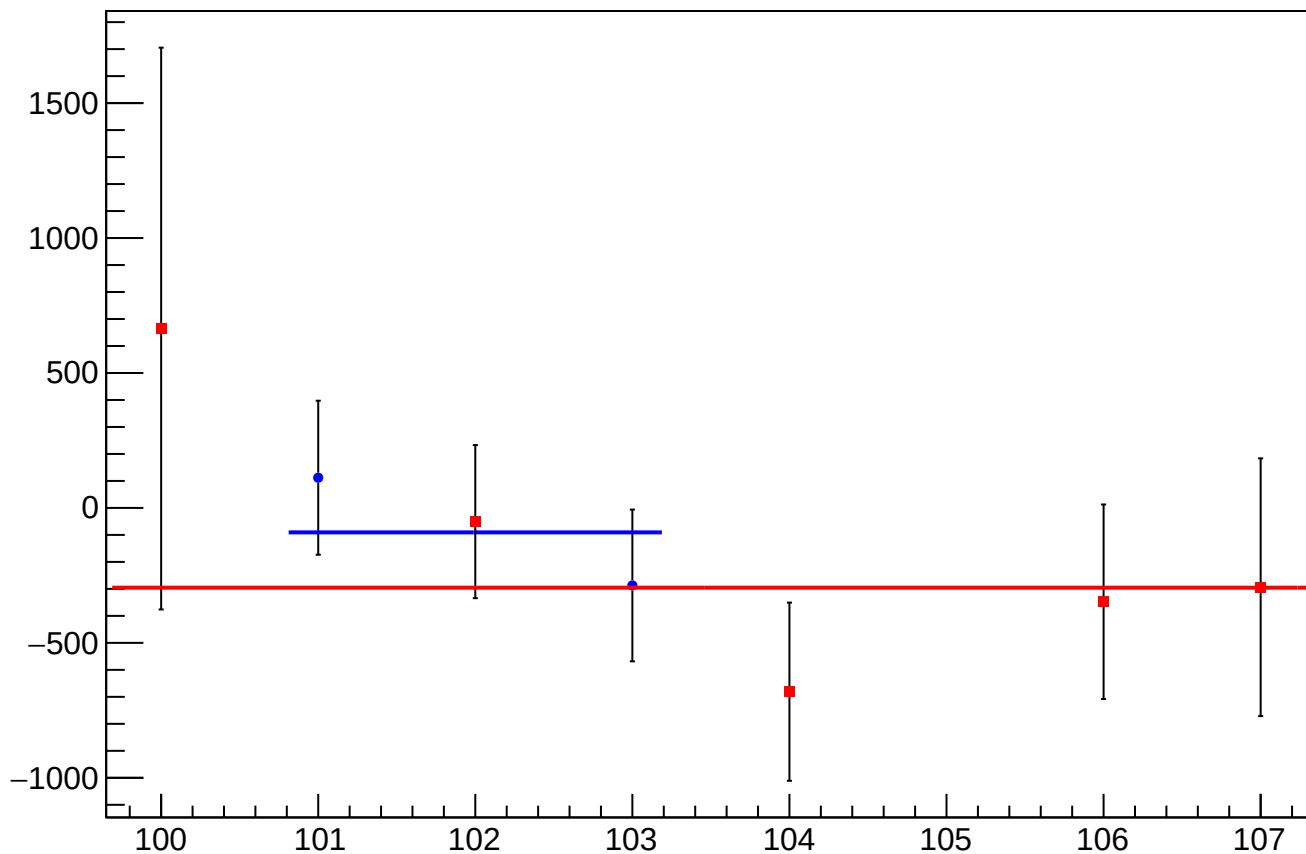
Right: 61.120 $\pm$ 0.025 χ^2 /NDF: 67094.4/6

In: 64.056 $\pm$ 0.041 χ^2 /NDF:4274.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 61.120 $\pm$ 0.025 χ^2 /NDF: 67094.4/6

asym_sam_37_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -90.572 ± 200.267 χ^2/NDF : 1.0/1

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

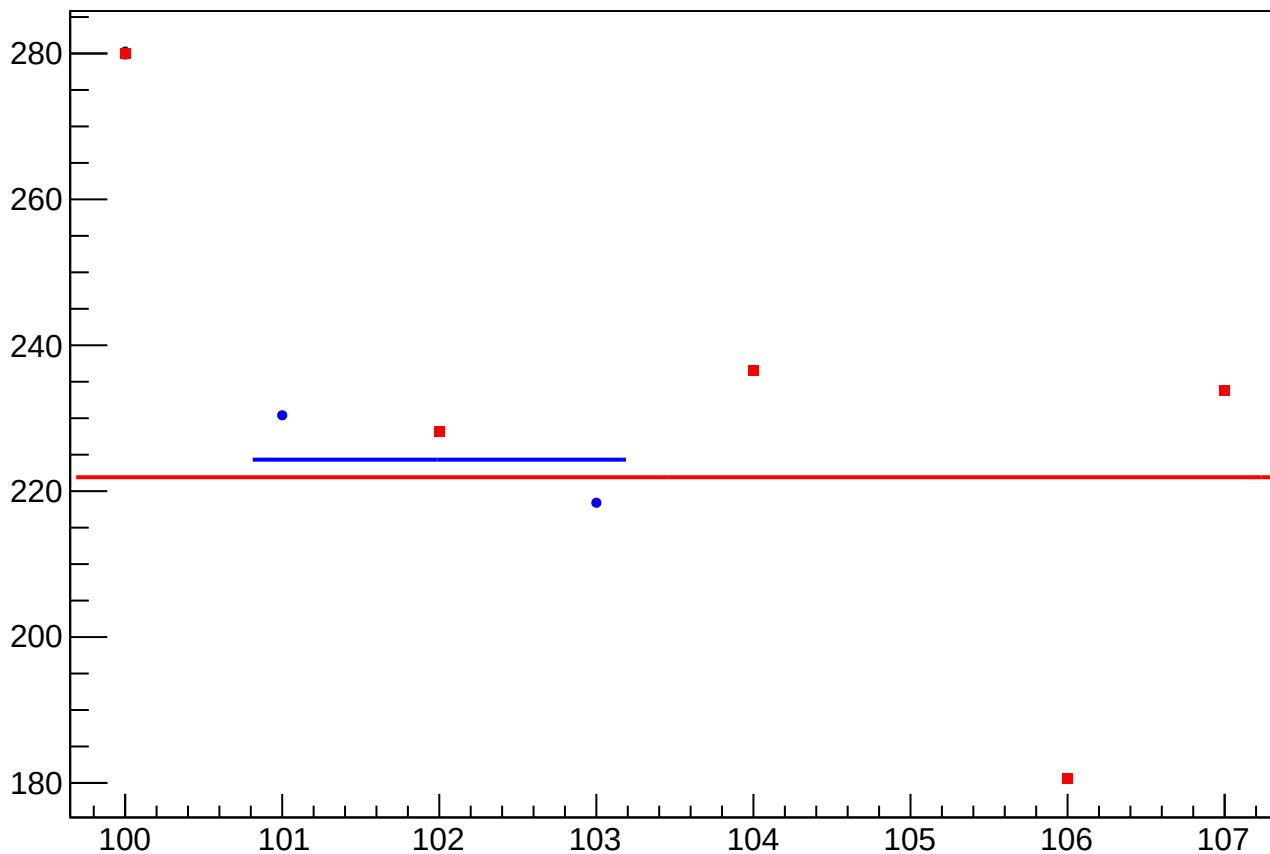
Right: -209.743 ± 129.583 χ^2/NDF : 4.6/6

In: -90.572 ± 200.267 χ^2/NDF : 1.0/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -209.743 ± 129.583 χ^2/NDF : 4.6/6

asym_sam_37_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 224.319+/-0.142 χ^2/NDF : 1793.0/1

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

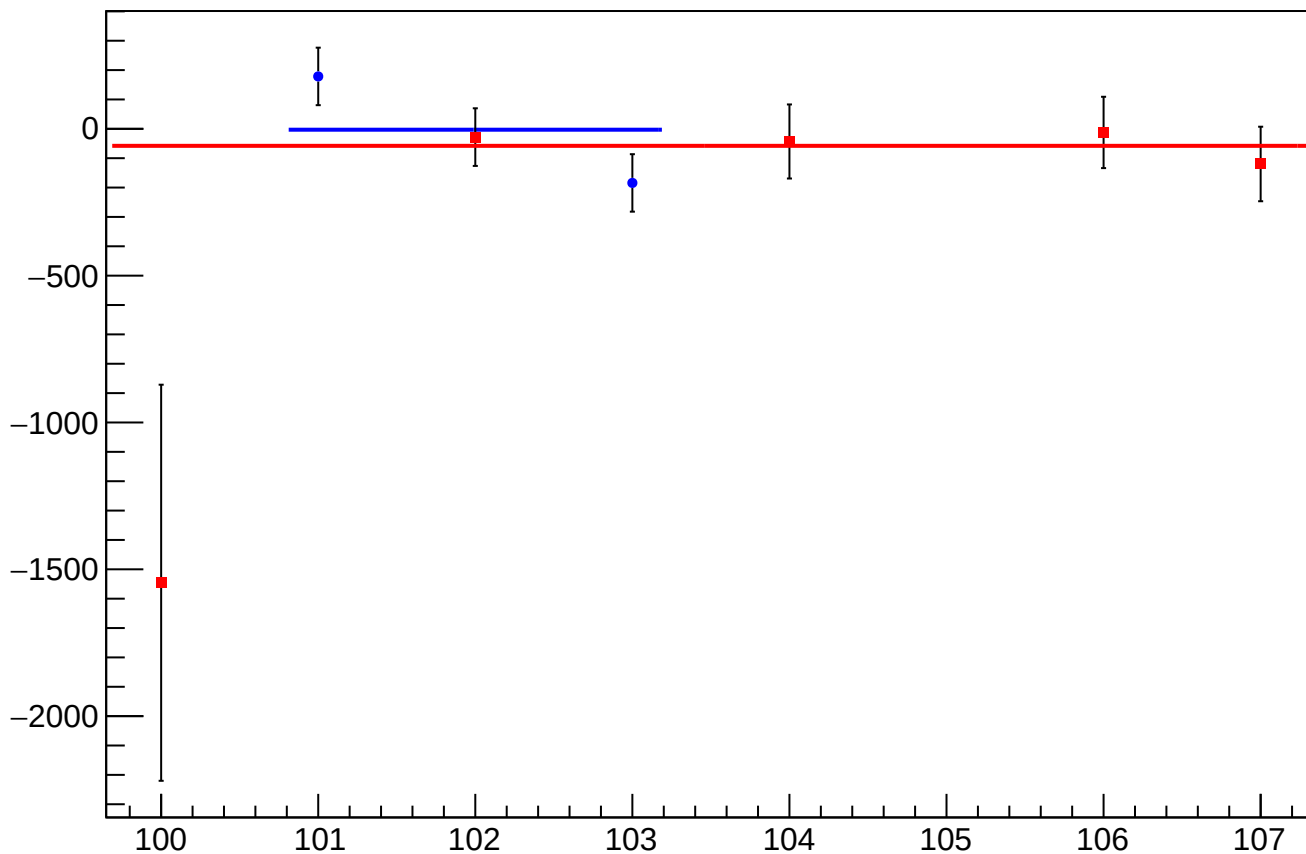
Right: 222.918+/-0.092 χ^2/NDF : 40717.3/6

In: 224.319+/-0.142 χ^2/NDF : 1793.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 222.918+/-0.092 χ^2/NDF : 40717.3/6

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: -3.003+/-69.211 χ^2/NDF : 6.9/1

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

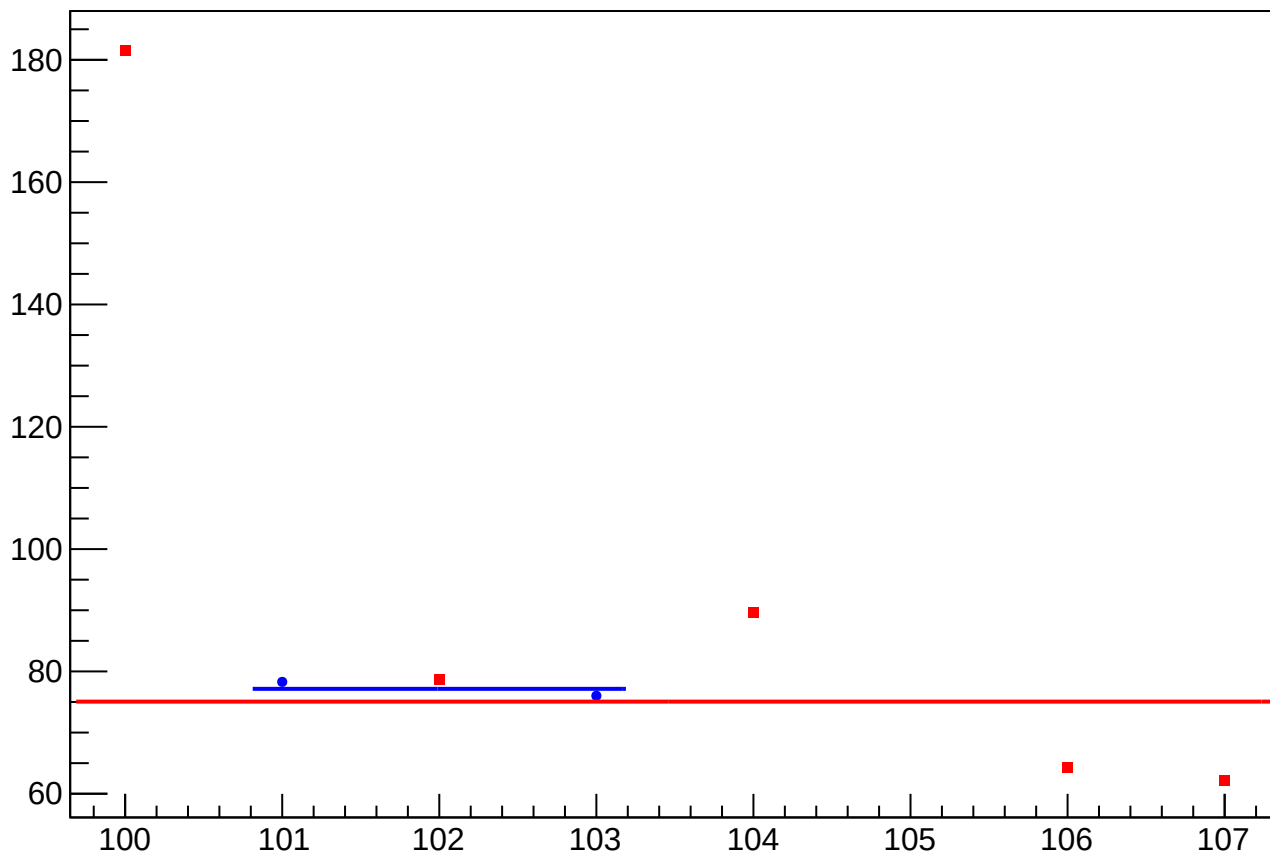
Right: -35.335+/-44.386 χ^2/NDF : 12.6/6

In: -3.003+/-69.211 χ^2/NDF : 6.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.335+/-44.386 χ^2/NDF : 12.6/6

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 77.151 $\pm$ 0.049 χ^2 /NDF: 539.7/1

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

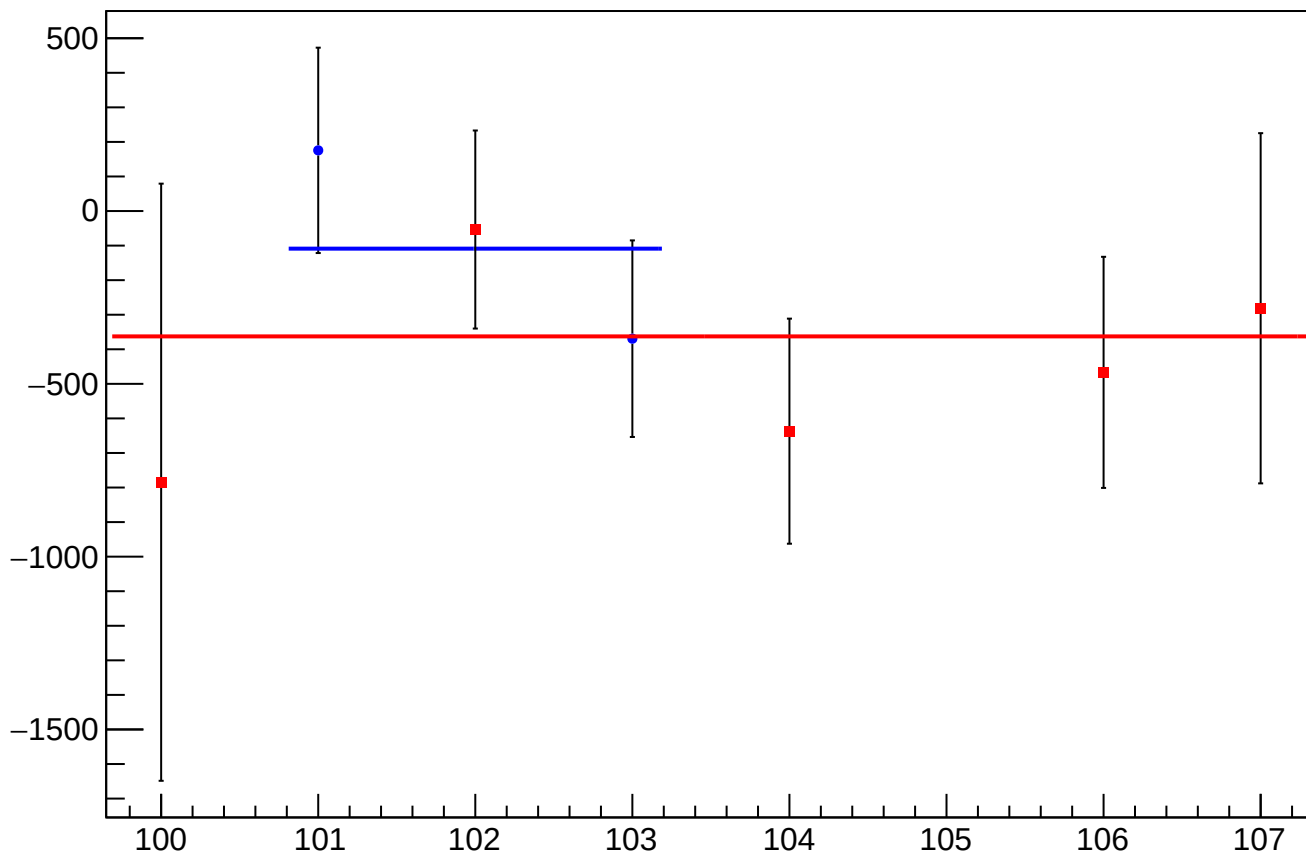
Right: 75.922 $\pm$ 0.031 χ^2 /NDF: 117116.2/6

In: 77.151 $\pm$ 0.049 χ^2 /NDF: 539.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 75.922 $\pm$ 0.031 χ^2 /NDF: 117116.2/6

asym_sam_37_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -108.809 $\pm$ 205.435 χ^2 /NDF: 1.8/1

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

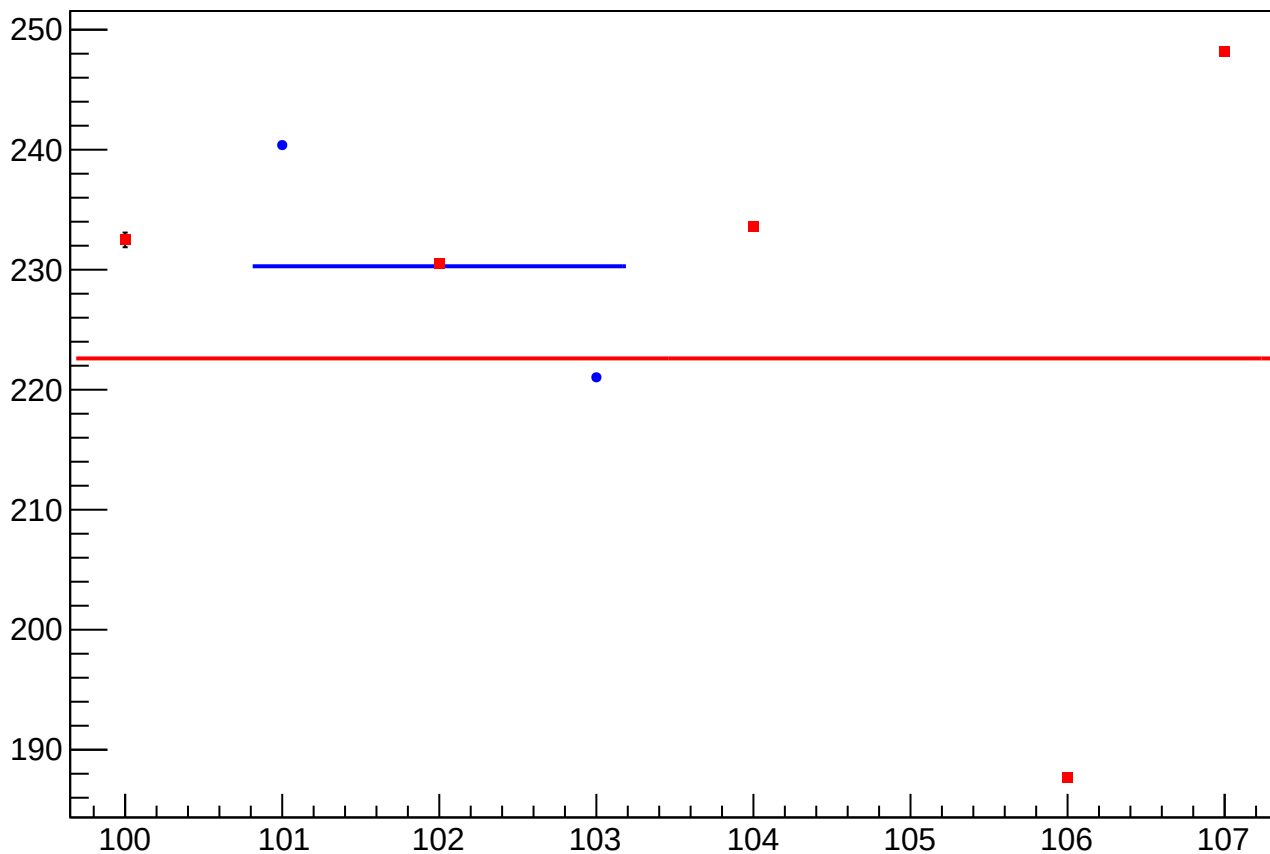
Right: -261.569 $\pm$ 129.654 χ^2 /NDF: 4.9/6

In: -108.809 $\pm$ 205.435 χ^2 /NDF:1.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -261.569 $\pm$ 129.654 χ^2 /NDF: 4.9/6

asym_sam_37_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 230.286 $\pm$ 0.145 χ^2 /NDF: 4427.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 222.608 $\pm$ 0.118 χ^2 /NDF: 31008.1/4

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

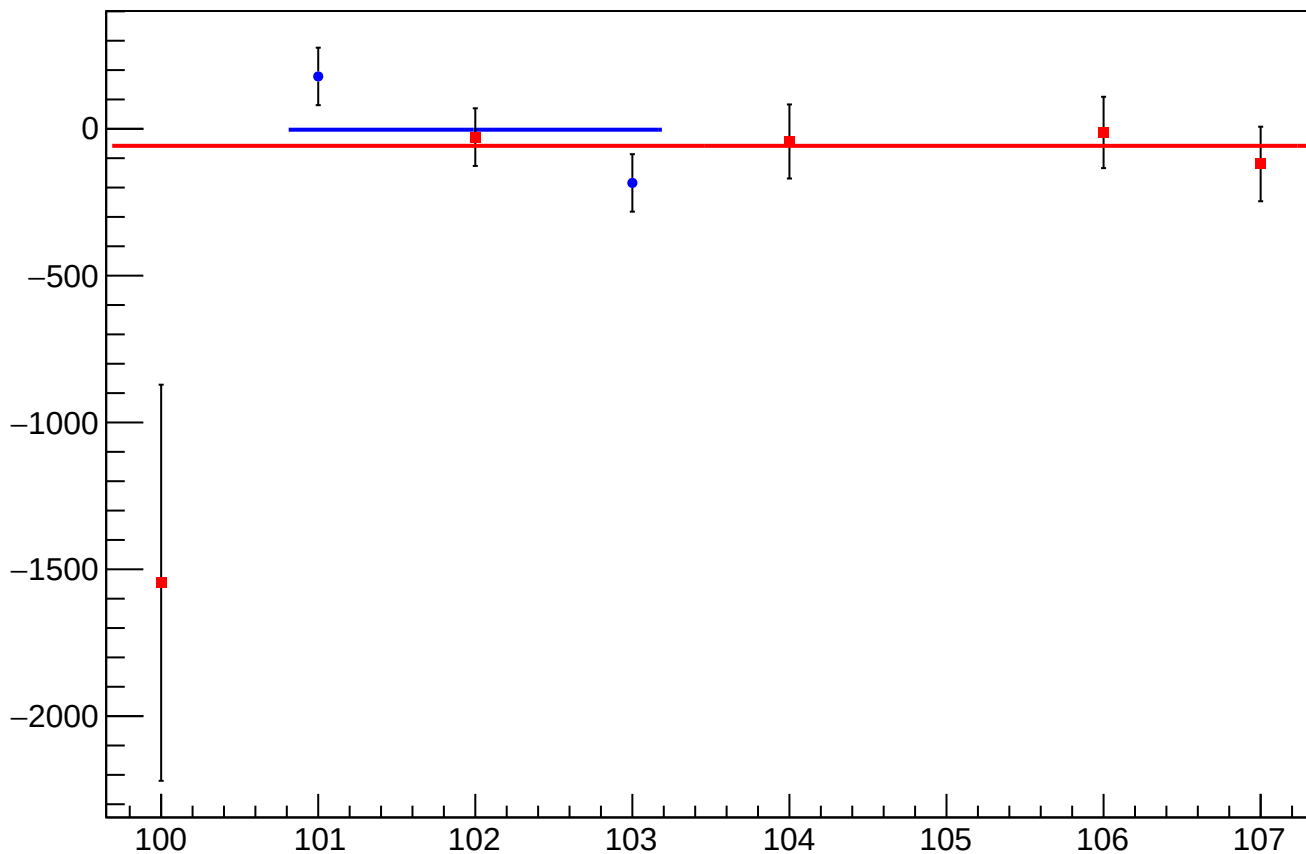
Right: 225.666 $\pm$ 0.092 χ^2 /NDF: 37116.8/6

In: 230.286 $\pm$ 0.145 χ^2 /NDF:4427.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 225.666 $\pm$ 0.092 χ^2 /NDF: 37116.8/6

eigen_dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: -3.002+/-69.211 χ^2/NDF : 6.9/1

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

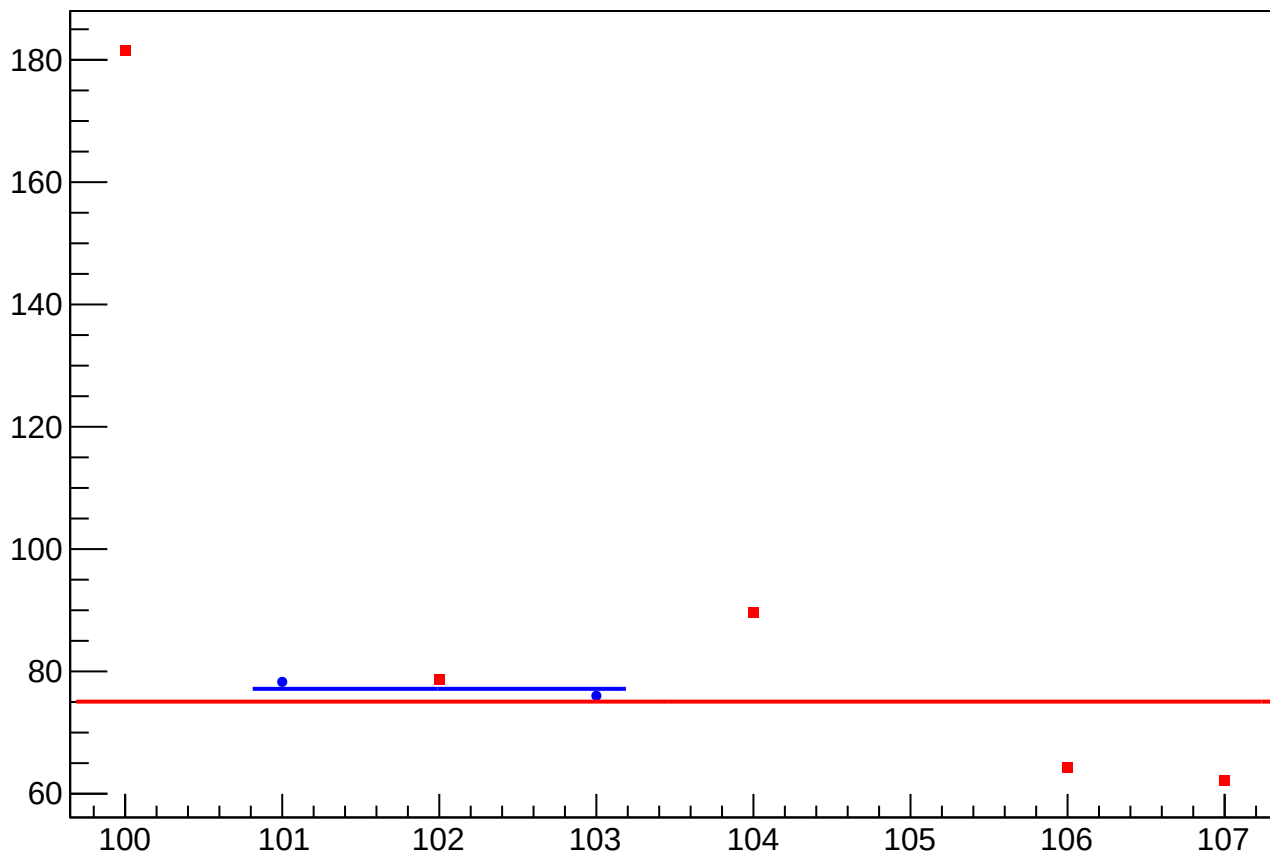
Right: -35.335+/-44.386 χ^2/NDF : 12.6/6

In: -3.002+/-69.211 χ^2/NDF : 6.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.335+/-44.386 χ^2/NDF : 12.6/6

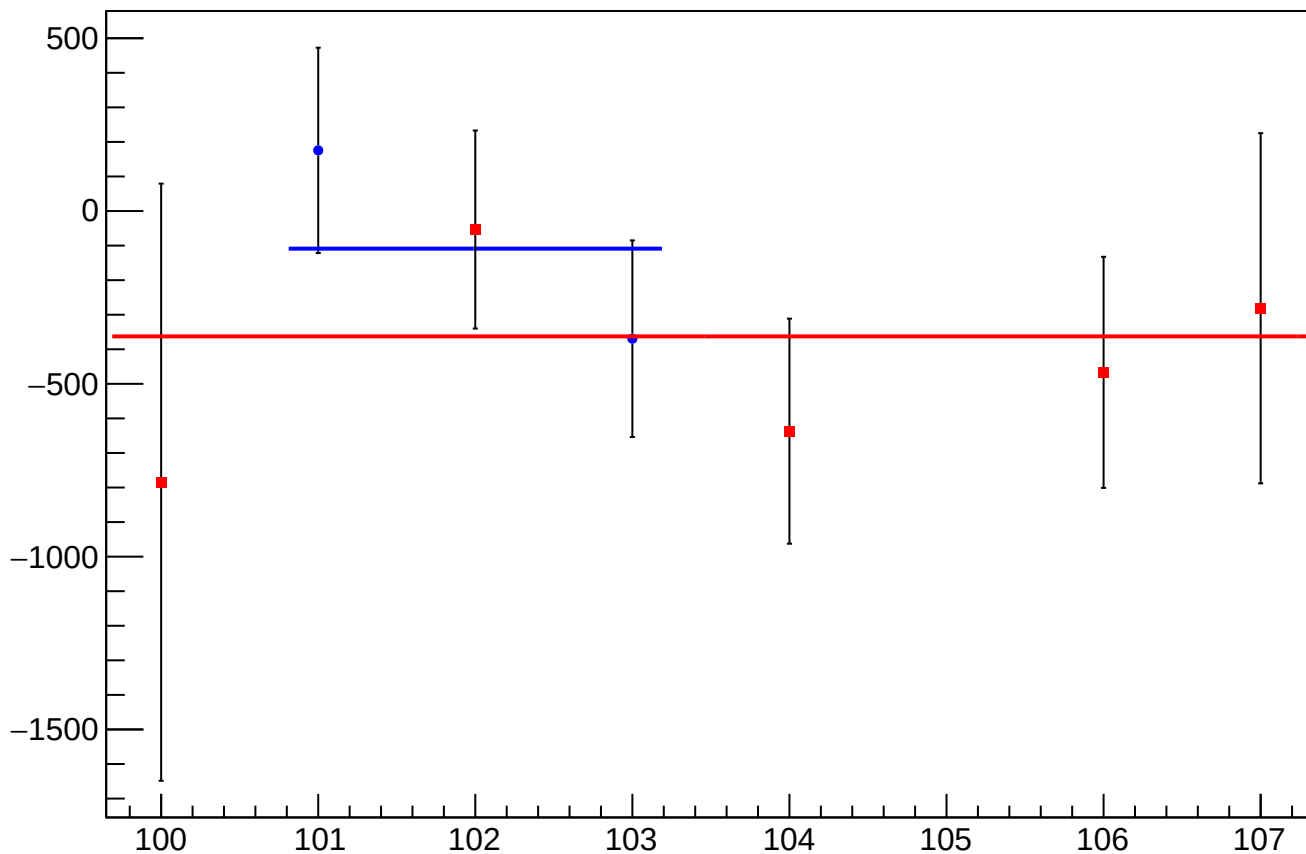
eigen_dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 77.151+/-0.049 χ^2/NDF : 539.8/1
 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: 75.922+/-0.031 χ^2/NDF : 117120.2/6
 In: 77.151+/-0.049 χ^2/NDF : 539.8/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 75.922+/-0.031 χ^2/NDF : 117120.2/6

asym_sam_37_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -108.810 $\pm$ 205.435 χ^2 /NDF: 1.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -362.694 $\pm$ 167.148 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

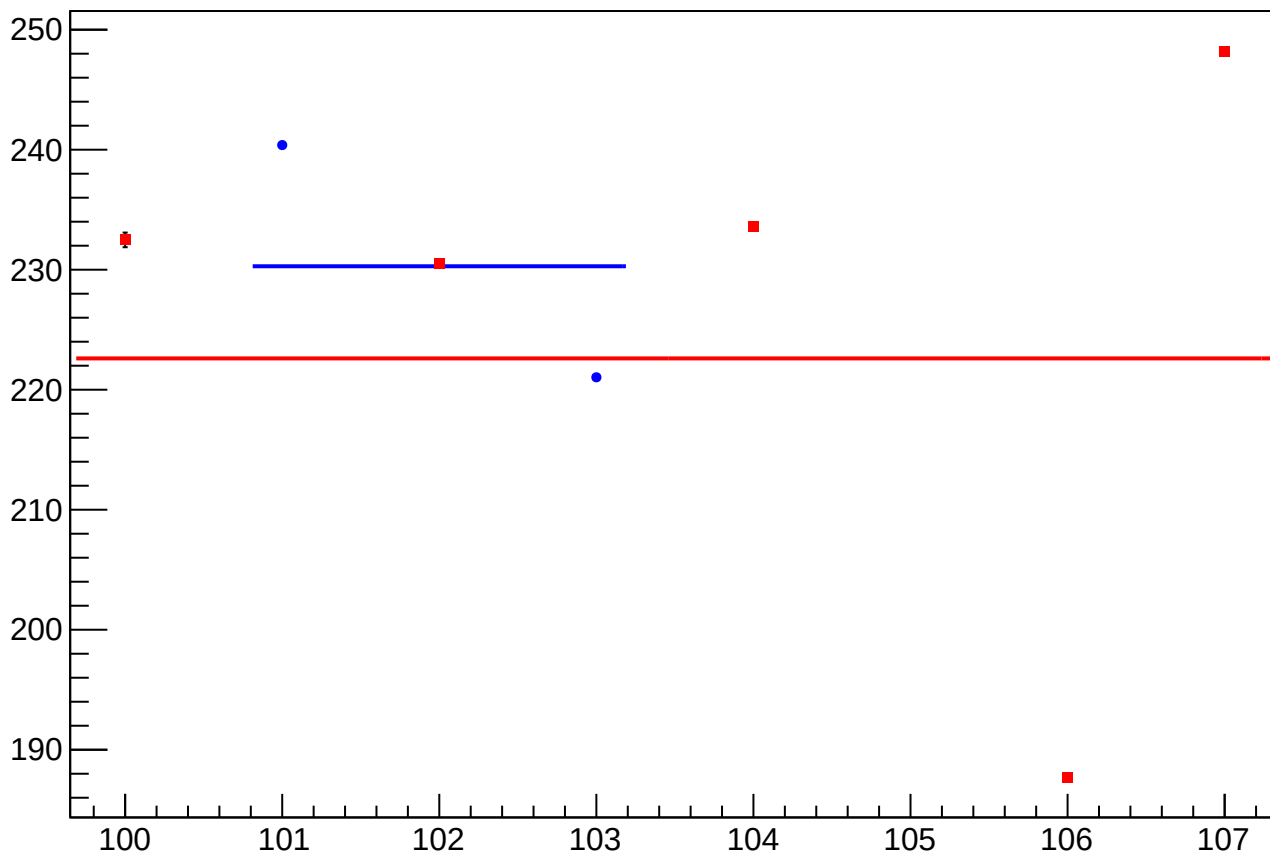
Right: -261.569 $\pm$ 129.654 χ^2 /NDF: 4.9/6

In: -108.810 $\pm$ 205.435 χ^2 /NDF: 1.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -261.569 $\pm$ 129.654 χ^2 /NDF: 4.9/6

asym_sam_37_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 230.287 $\pm$ 0.145 χ^2 /NDF: 4427.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 222.608 $\pm$ 0.118 χ^2 /NDF: 31007.2/4

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

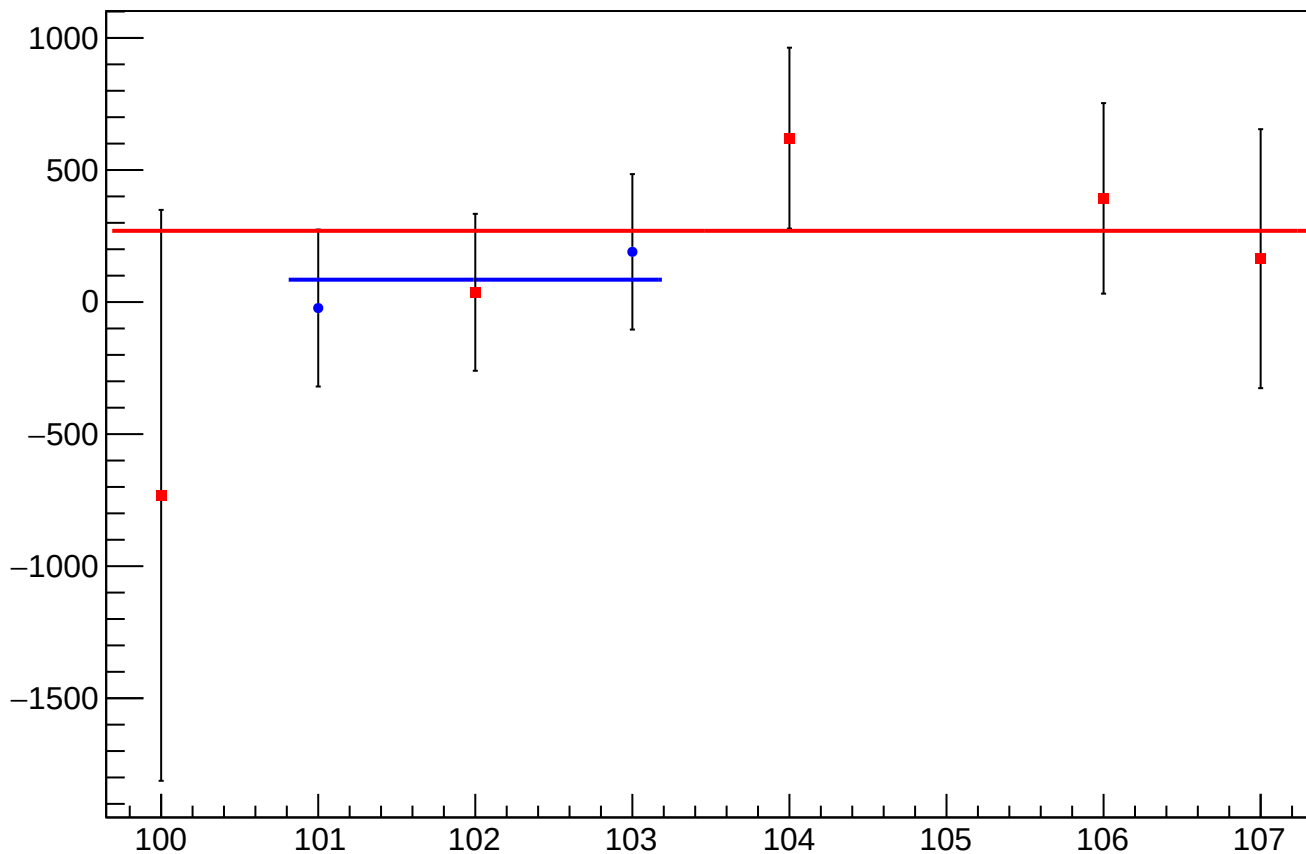
Right: 225.666 $\pm$ 0.092 χ^2 /NDF: 37116.5/6

In: 230.287 $\pm$ 0.145 χ^2 /NDF:4427.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 225.666 $\pm$ 0.092 χ^2 /NDF: 37116.5/6

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 84.739+/-209.097 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 269.770+/-175.256 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

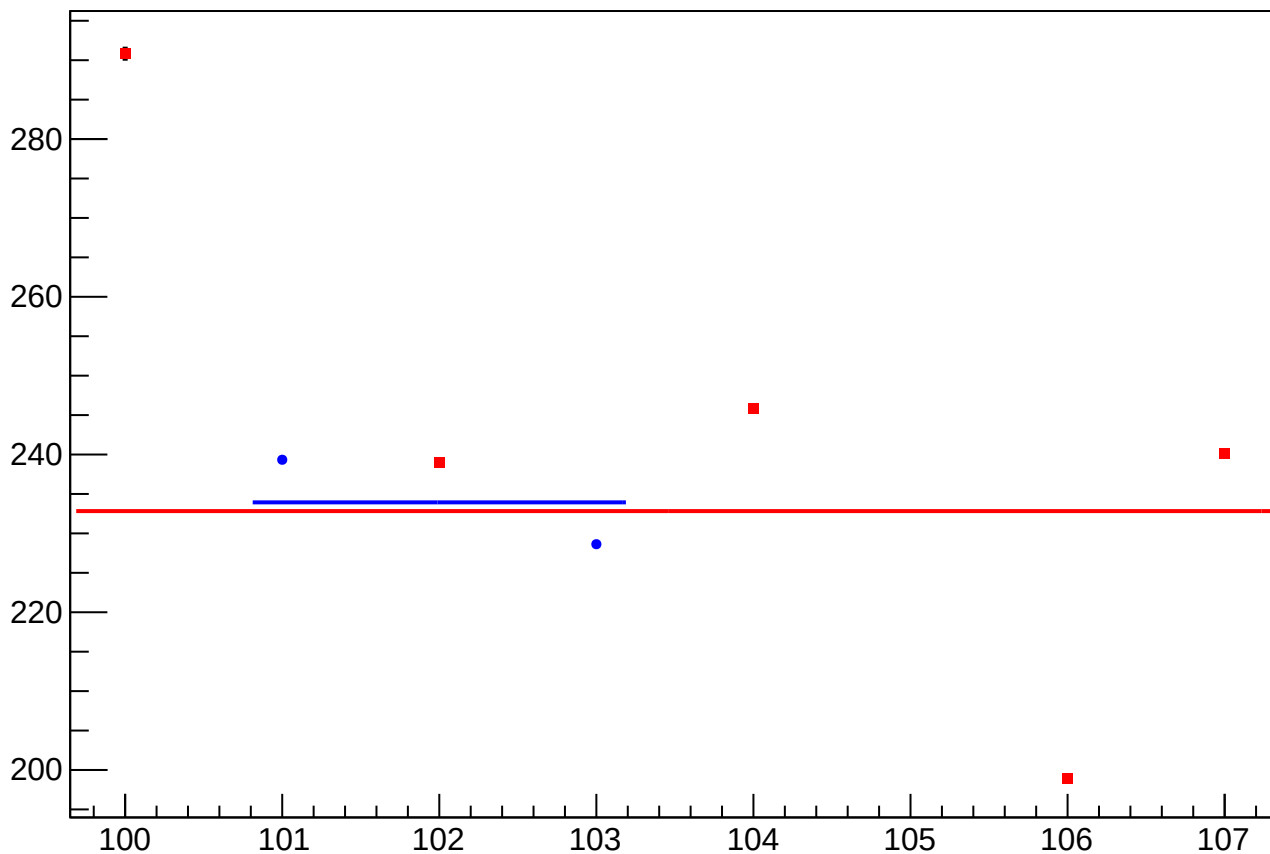
Right: 193.421+/-134.316 χ^2/NDF : 3.4/6

In: 84.739+/-209.097 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 193.421+/-134.316 χ^2/NDF : 3.4/6

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 233.934 $\pm$ 0.148 χ^2 /NDF: 1310.7/1

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

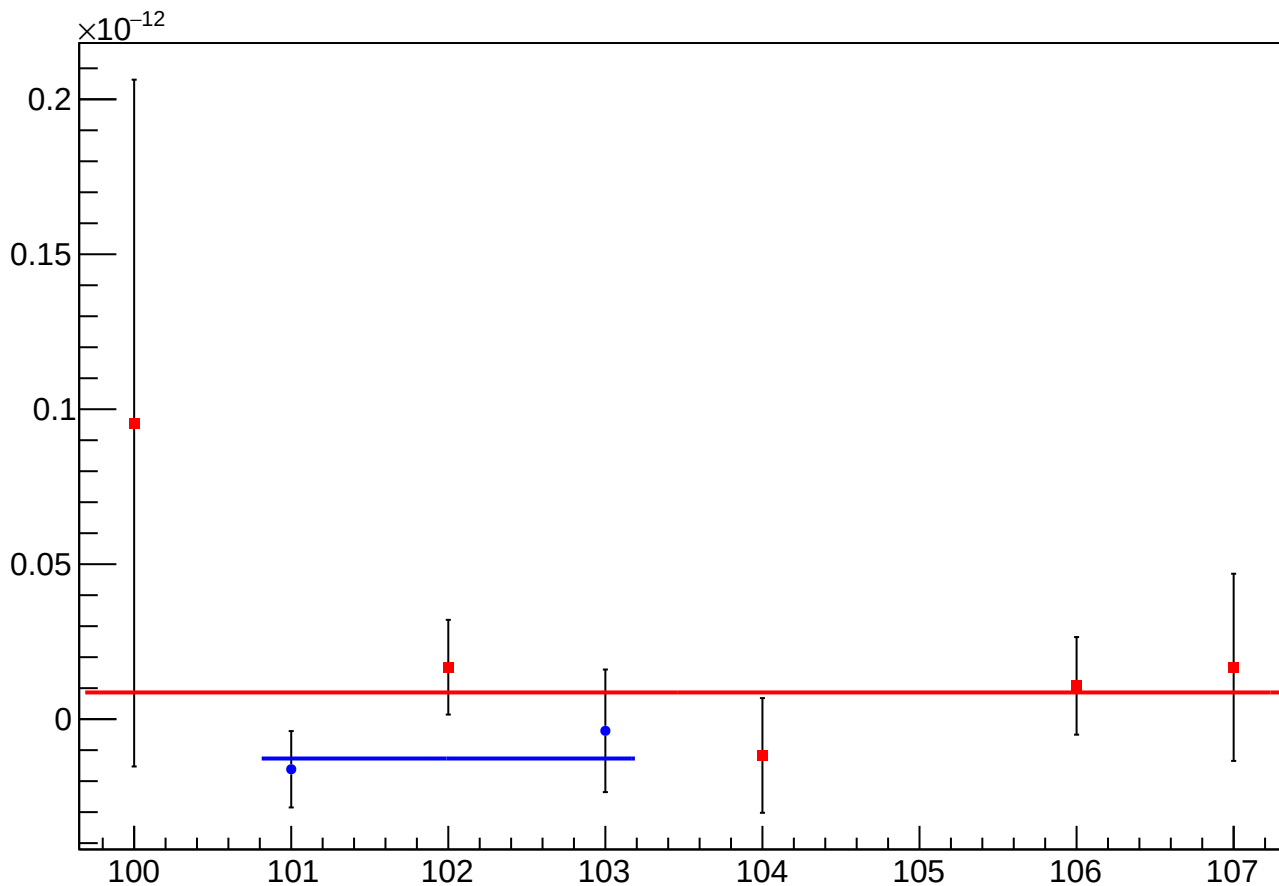
Right: 233.284 $\pm$ 0.095 χ^2 /NDF: 28998.4/6

In: 233.934 $\pm$ 0.148 χ^2 /NDF: 1310.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 233.284 $\pm$ 0.095 χ^2 /NDF: 28998.4/6

asym_sam_37_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.3/1

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

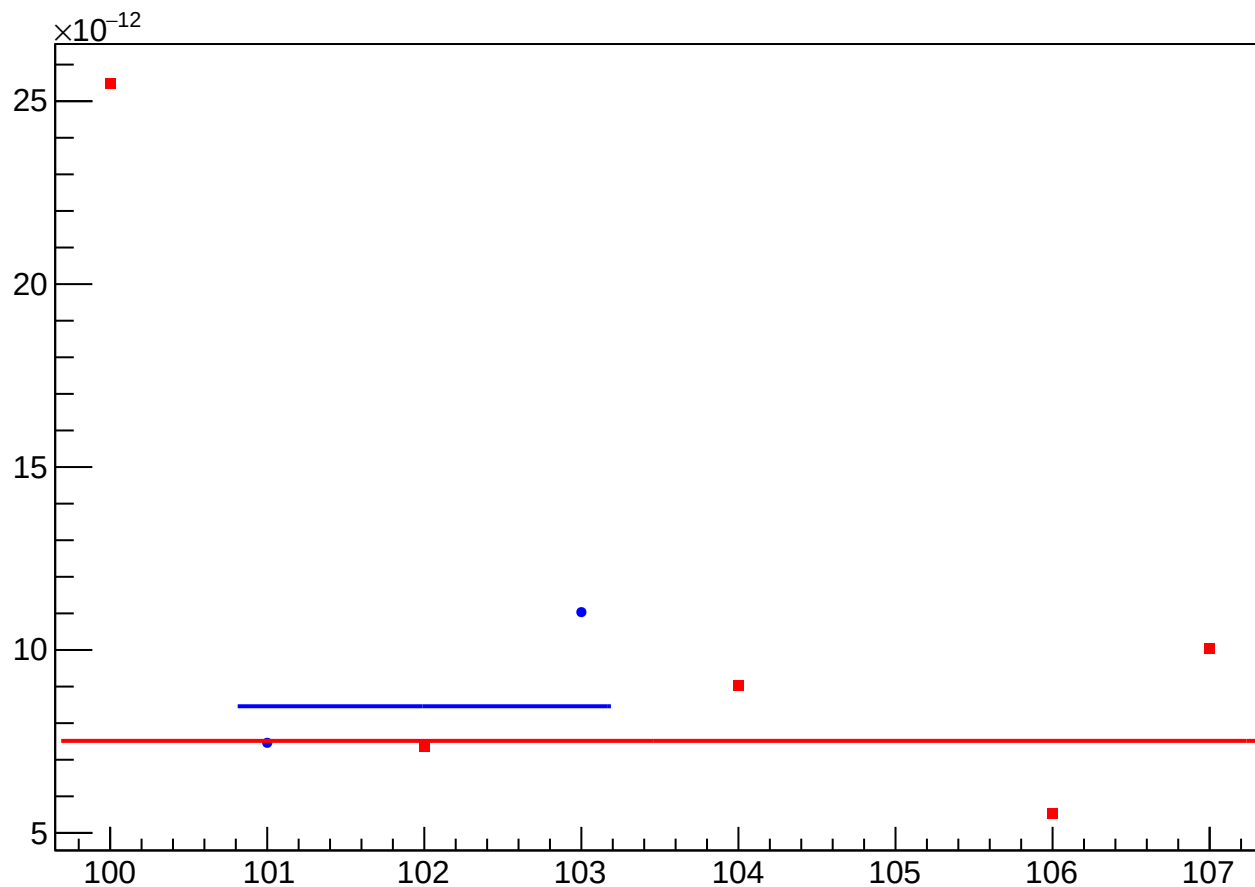
Right: -0.000+/-0.000 χ^2/NDF : 4.9/6

In: -0.000+/-0.000 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.9/6

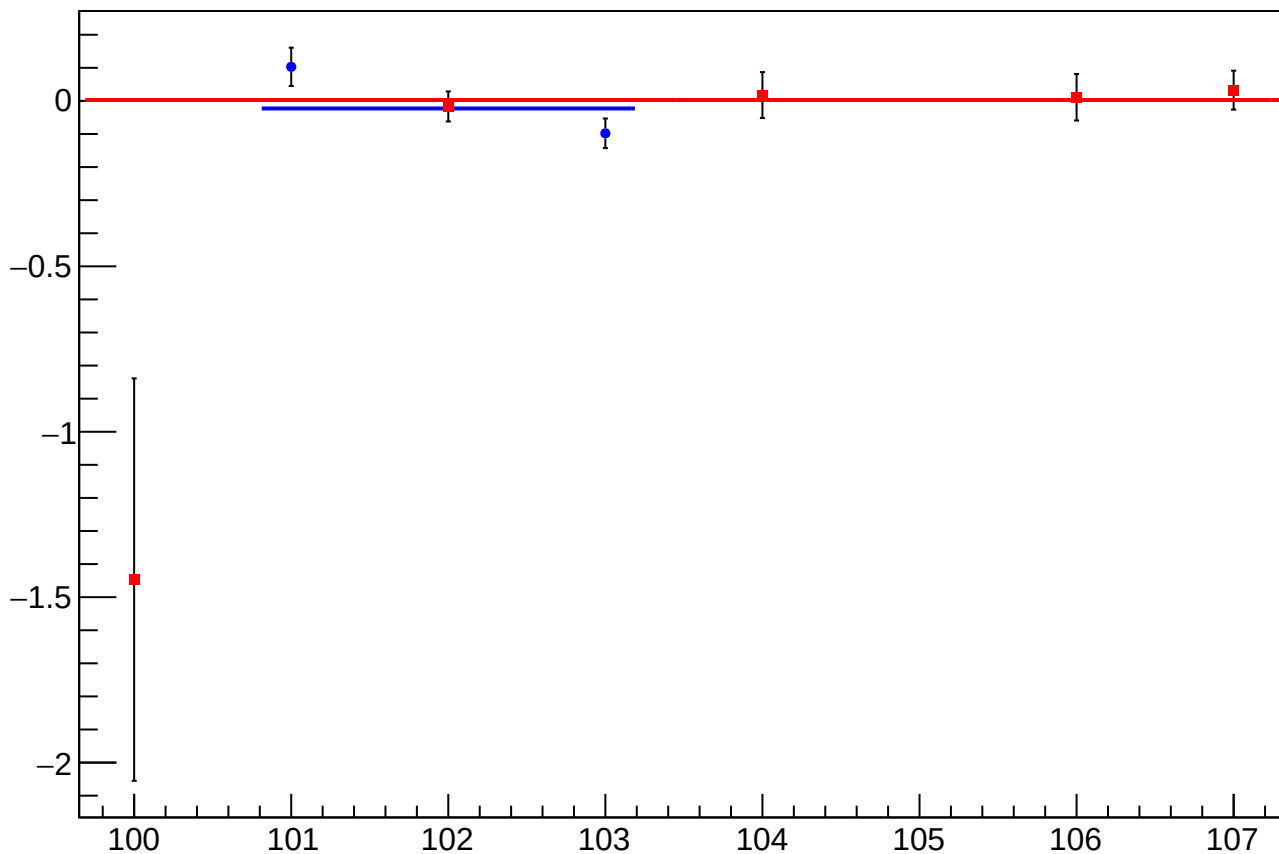
asym_sam_37_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 46988.7/1
 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 : 168136.7/6
 In: 0.000+/-0.000 χ^2/NDF : 46988.7/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 168136.7/6

asym_sam_37_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.023 $\pm$ 0.035 χ^2 /NDF: 7.5/1

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

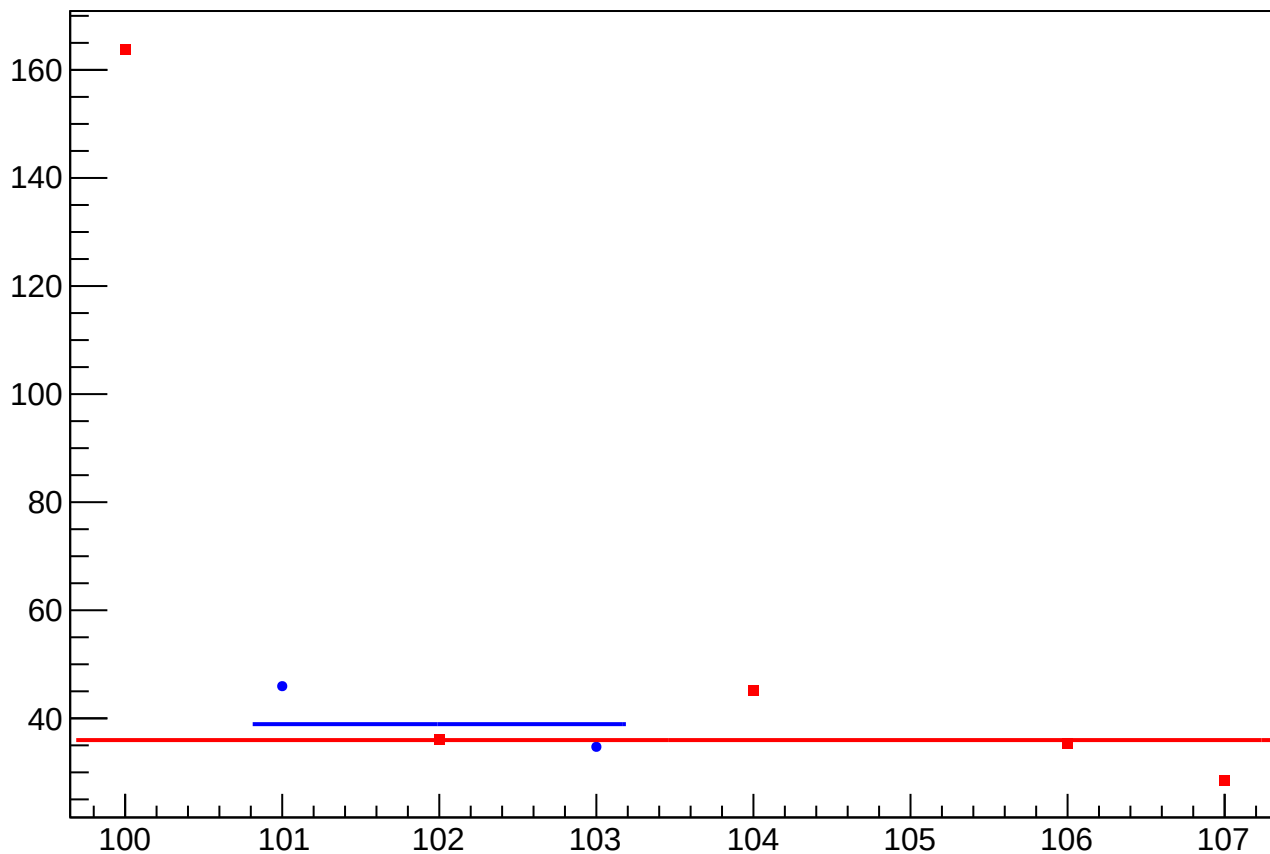
Right: -0.007 $\pm$ 0.022 χ^2 /NDF: 14.0/6

In: -0.023 $\pm$ 0.035 χ^2 /NDF:7.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.022 χ^2 /NDF: 14.0/6

asym_sam_37_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.924+/-0.025 χ^2/NDF : 47001.3/1

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

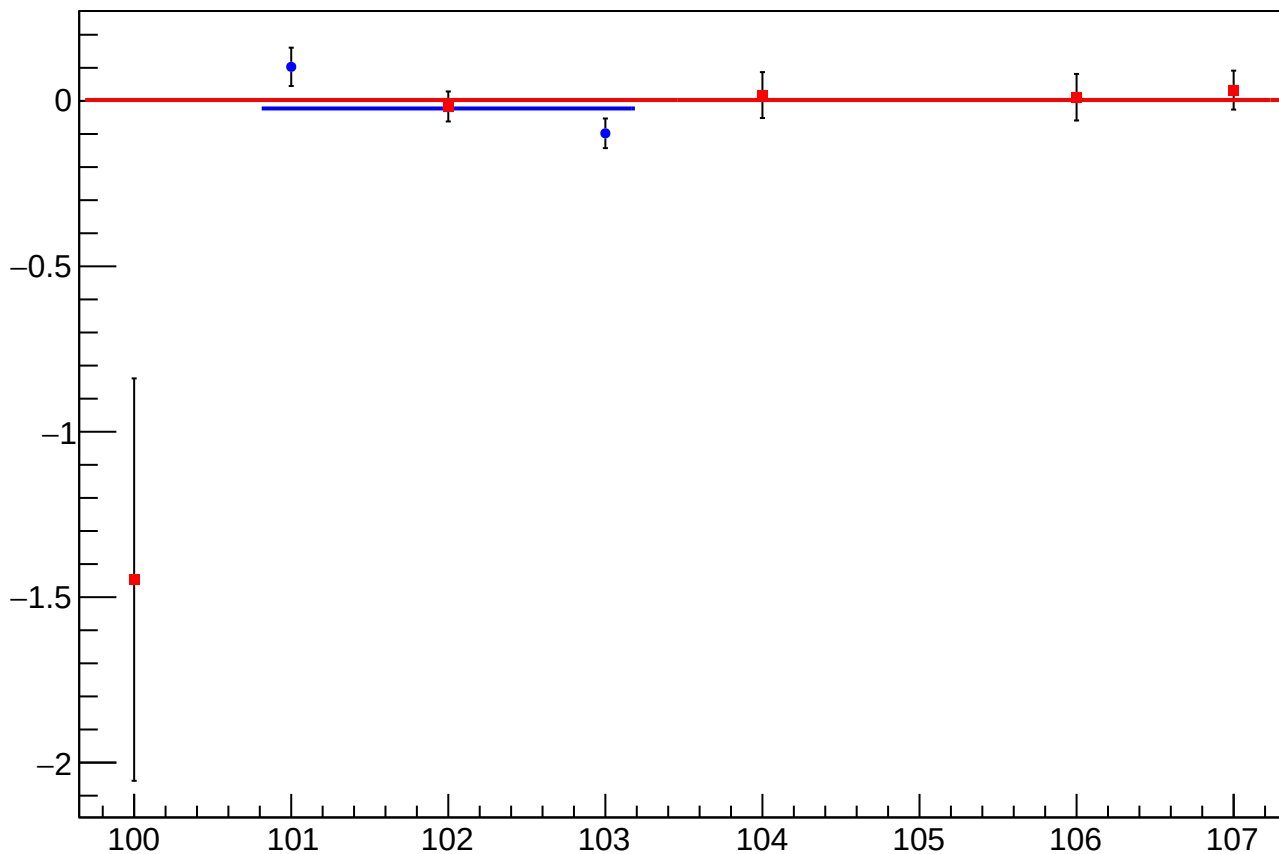
Right: 37.159+/-0.016 χ^2/NDF : 211083.2/6

In: 38.924+/-0.025 χ^2/NDF : 47001.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.159+/-0.016 χ^2/NDF : 211083.2/6

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.023+/-0.035 χ^2/NDF : 7.5/1

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

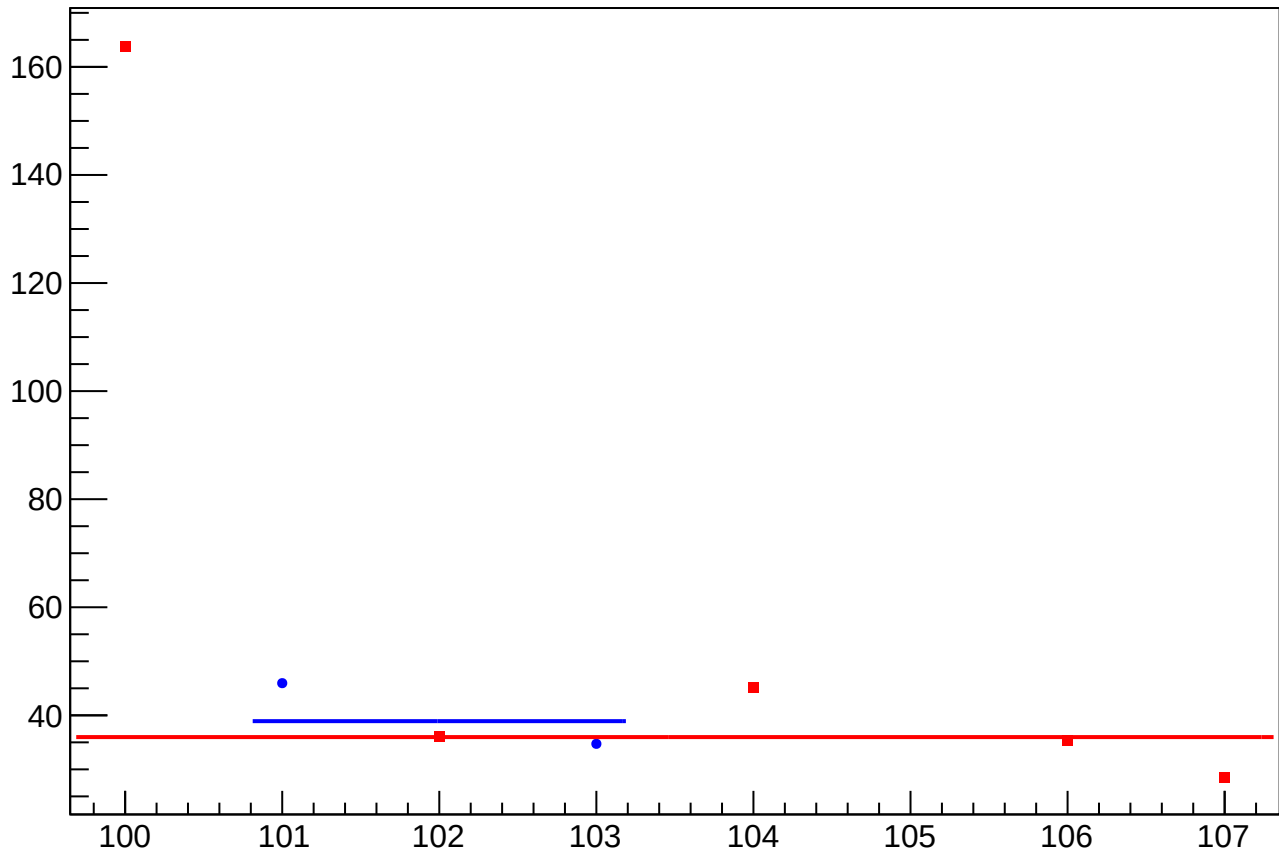
Right: -0.007+/-0.022 χ^2/NDF : 14.0/6

In: -0.023+/-0.035 χ^2/NDF : 7.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.022 χ^2/NDF : 14.0/6

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.924+/-0.025 χ^2/NDF : 47001.3/1

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

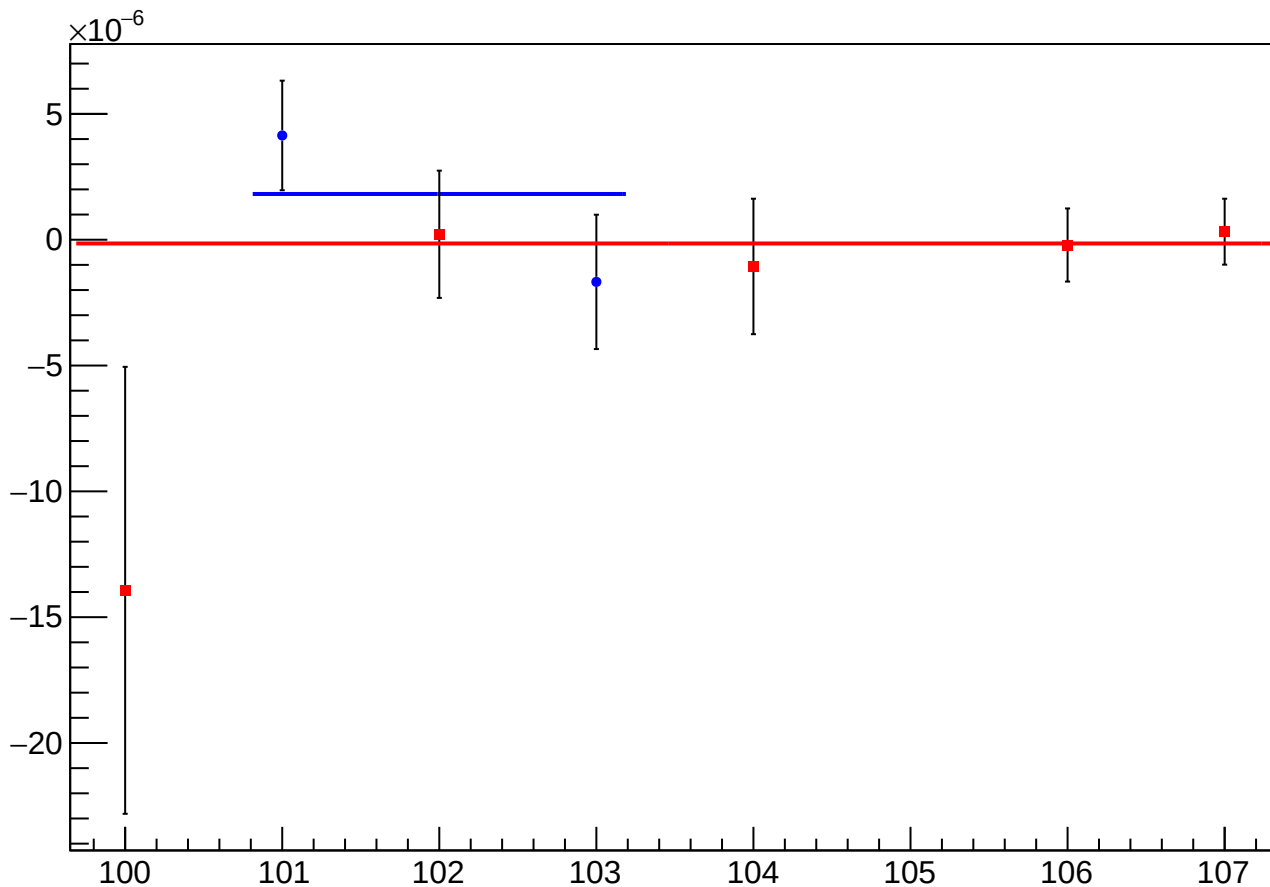
Right: 37.159+/-0.016 χ^2/NDF : 211083.2/6

In: 38.924+/-0.025 χ^2/NDF : 47001.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.159+/-0.016 χ^2/NDF : 211083.2/6

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 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

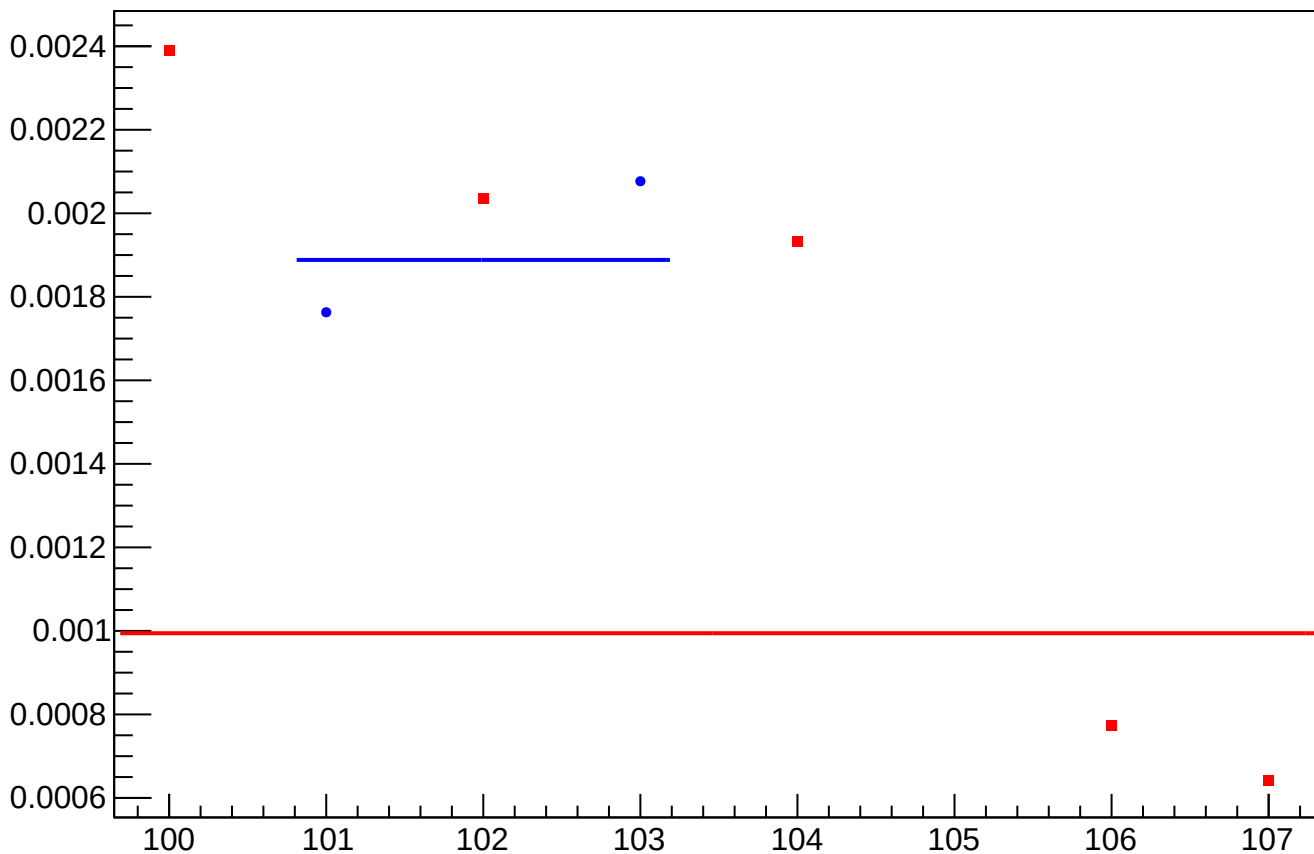
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.6/6

In: 0.000 $\pm$ 0.000 χ^2 /NDF:2.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.6/6

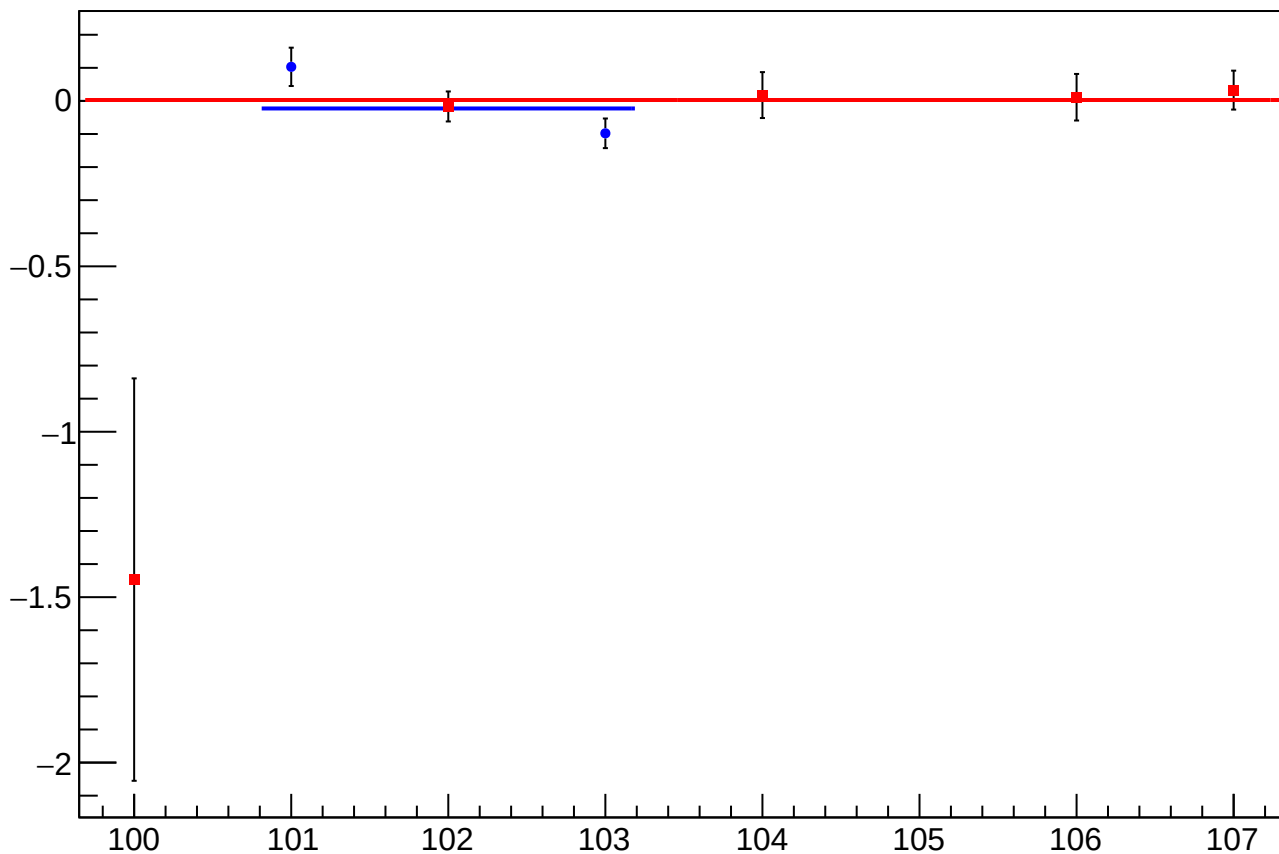
asym_sam_37_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 16591.2/1
 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 : 1286283.4/6
 In: 0.002+/-0.000 χ^2/NDF : 16591.2/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.001+/-0.000 χ^2/NDF : 1286283.4/6

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.023 $\pm$ 0.035 χ^2/NDF : 7.5/1

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

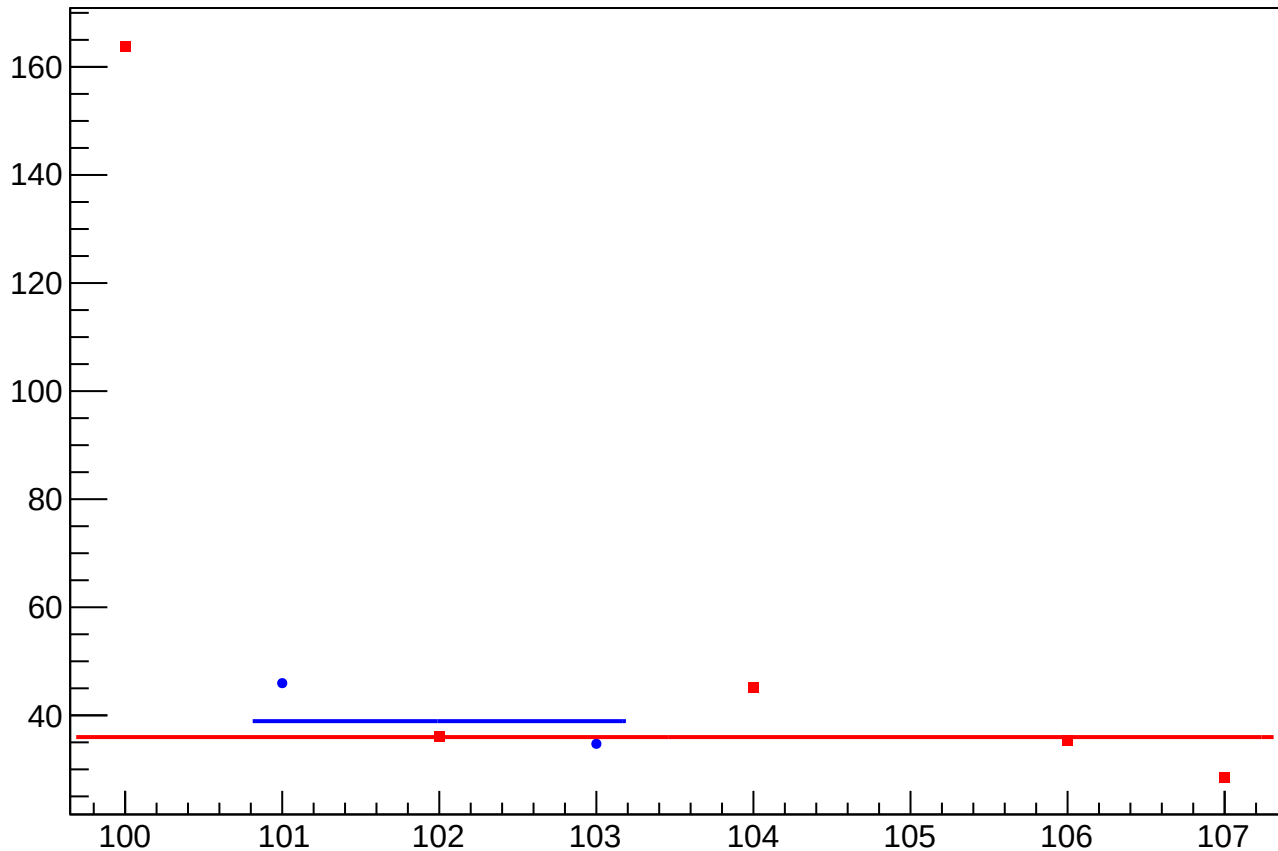
Right: -0.007 $\pm$ 0.022 χ^2/NDF : 14.0/6

In: -0.023 $\pm$ 0.035 χ^2/NDF : 7.5/1

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.007 $\pm$ 0.022 χ^2/NDF : 14.0/6

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.924+/-0.025 χ^2/NDF : 47003.7/1

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

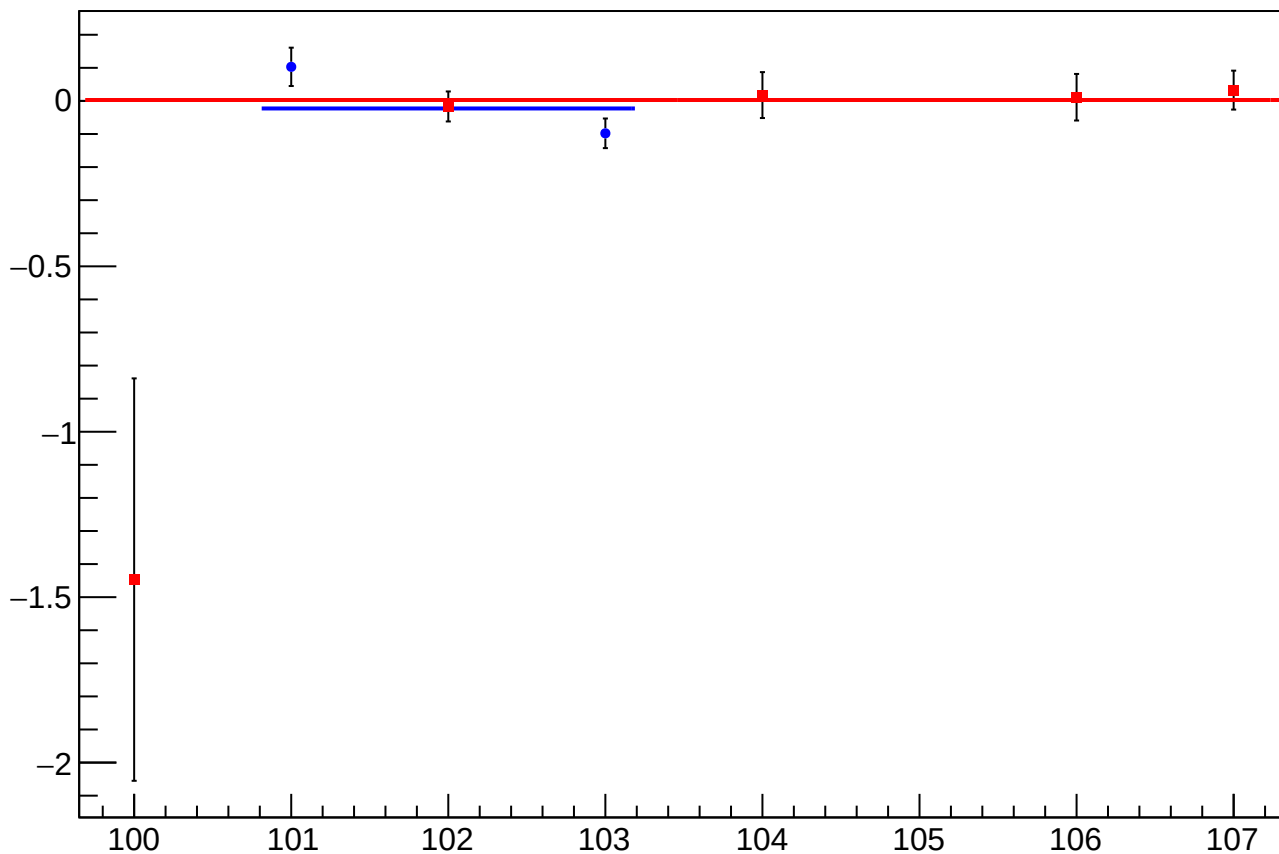
Right: 37.160+/-0.016 χ^2/NDF : 211092.3/6

In: 38.924+/-0.025 χ^2/NDF : 47003.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.160+/-0.016 χ^2/NDF : 211092.3/6

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.023+/-0.035 χ^2/NDF : 7.5/1

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

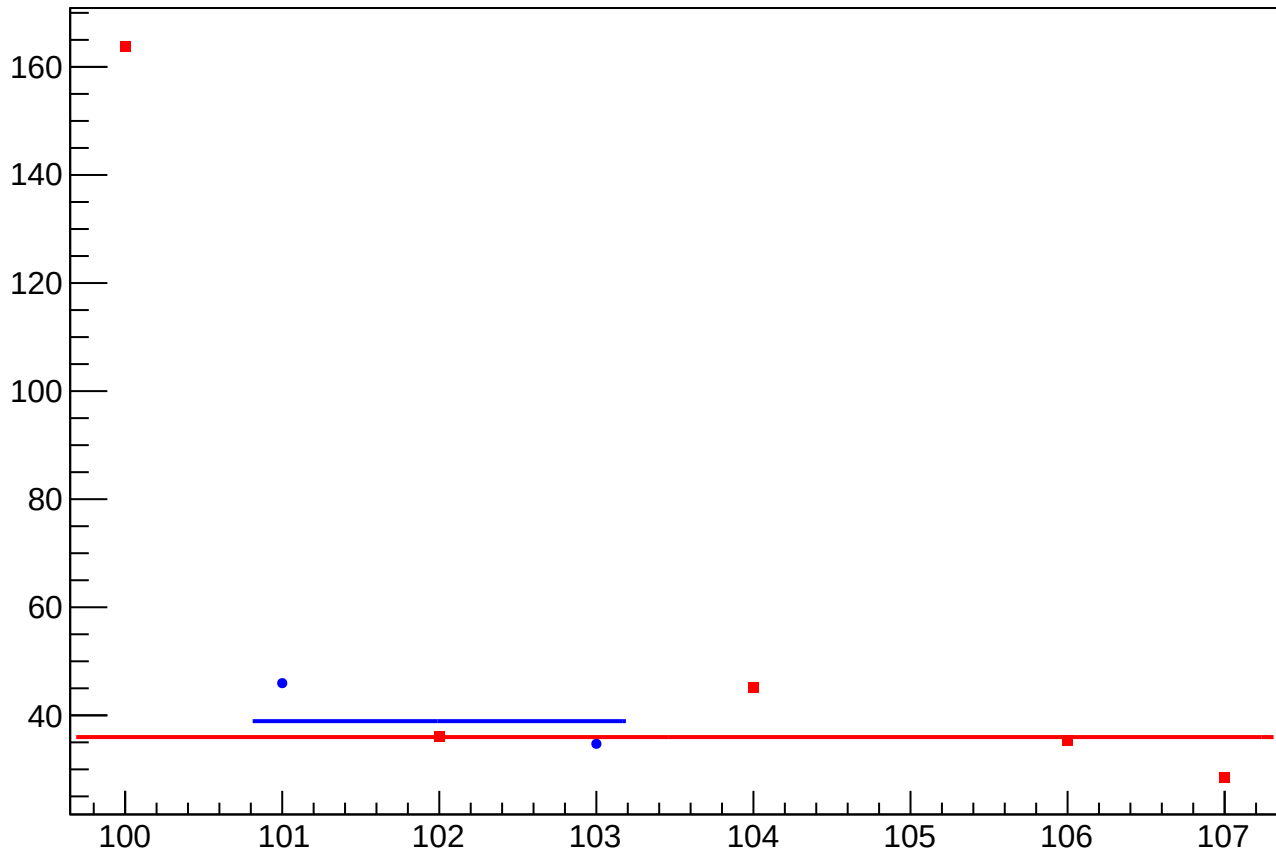
Right: -0.007+/-0.022 χ^2/NDF : 14.0/6

In: -0.023+/-0.035 χ^2/NDF : 7.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.022 χ^2/NDF : 14.0/6

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.924+/-0.025 χ^2/NDF : 47003.7/1

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

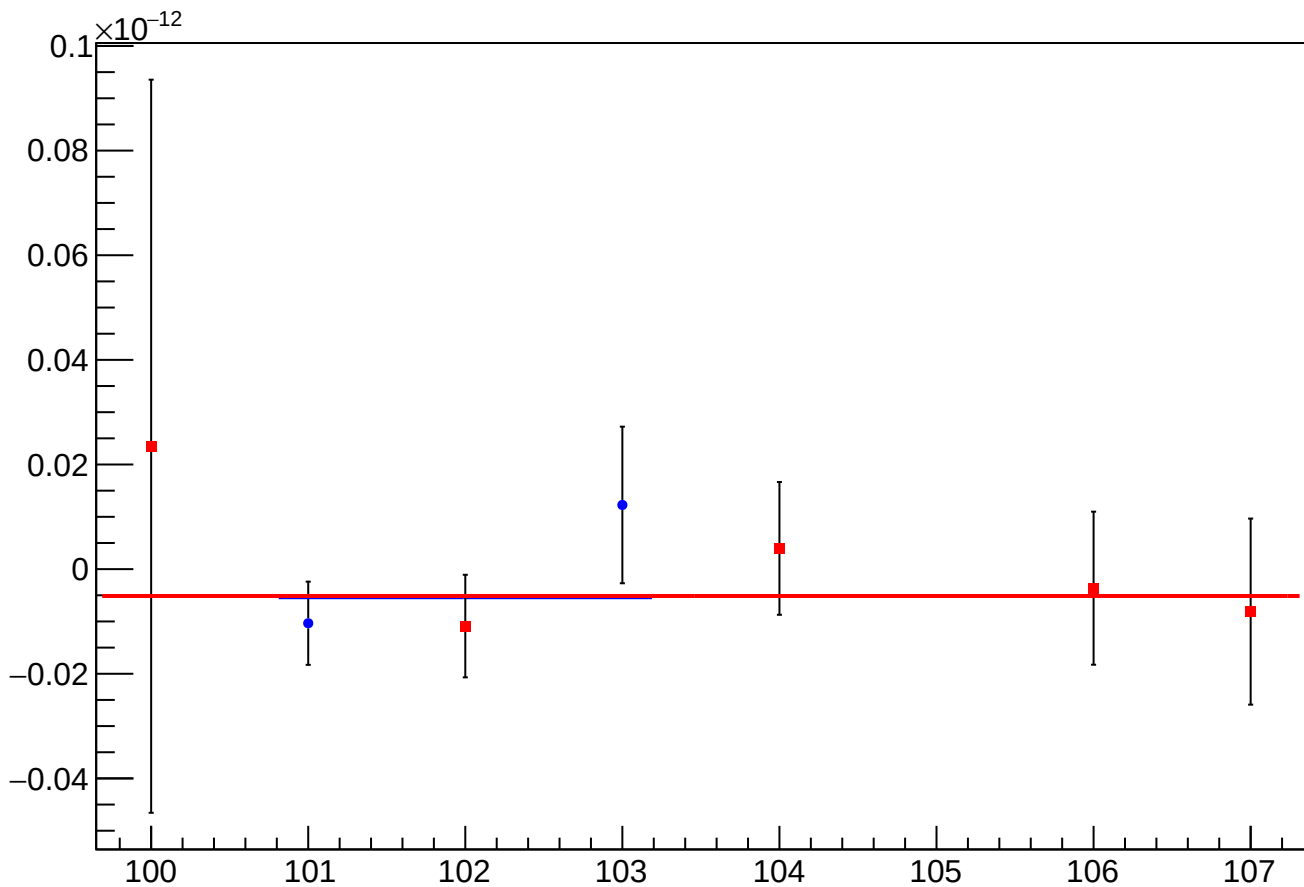
Right: 37.160+/-0.016 χ^2/NDF : 211092.3/6

In: 38.924+/-0.025 χ^2/NDF : 47003.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.160+/-0.016 χ^2/NDF : 211092.3/6

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.8/1

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

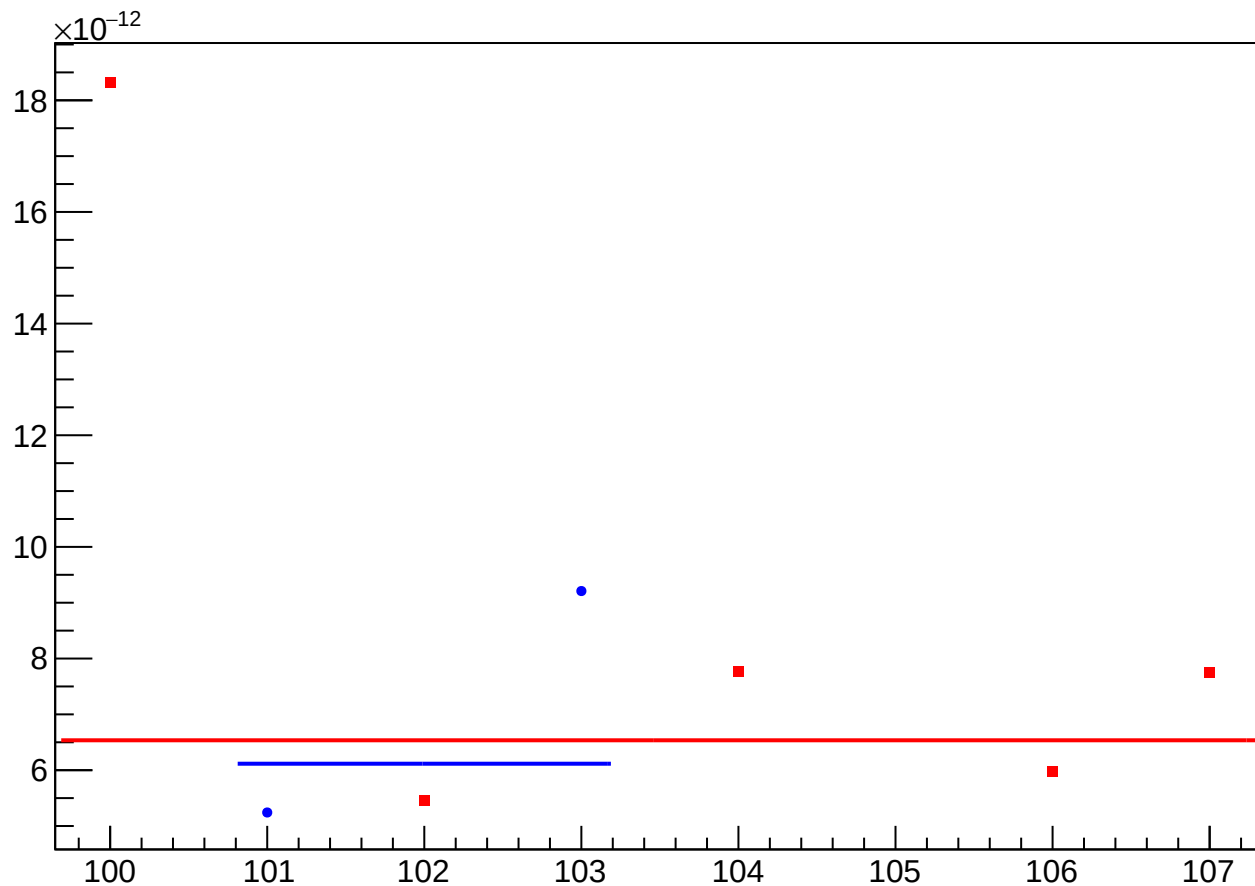
Right: -0.000+/-0.000 χ^2/NDF : 2.8/6

In: -0.000+/-0.000 χ^2/NDF : 1.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 2.8/6

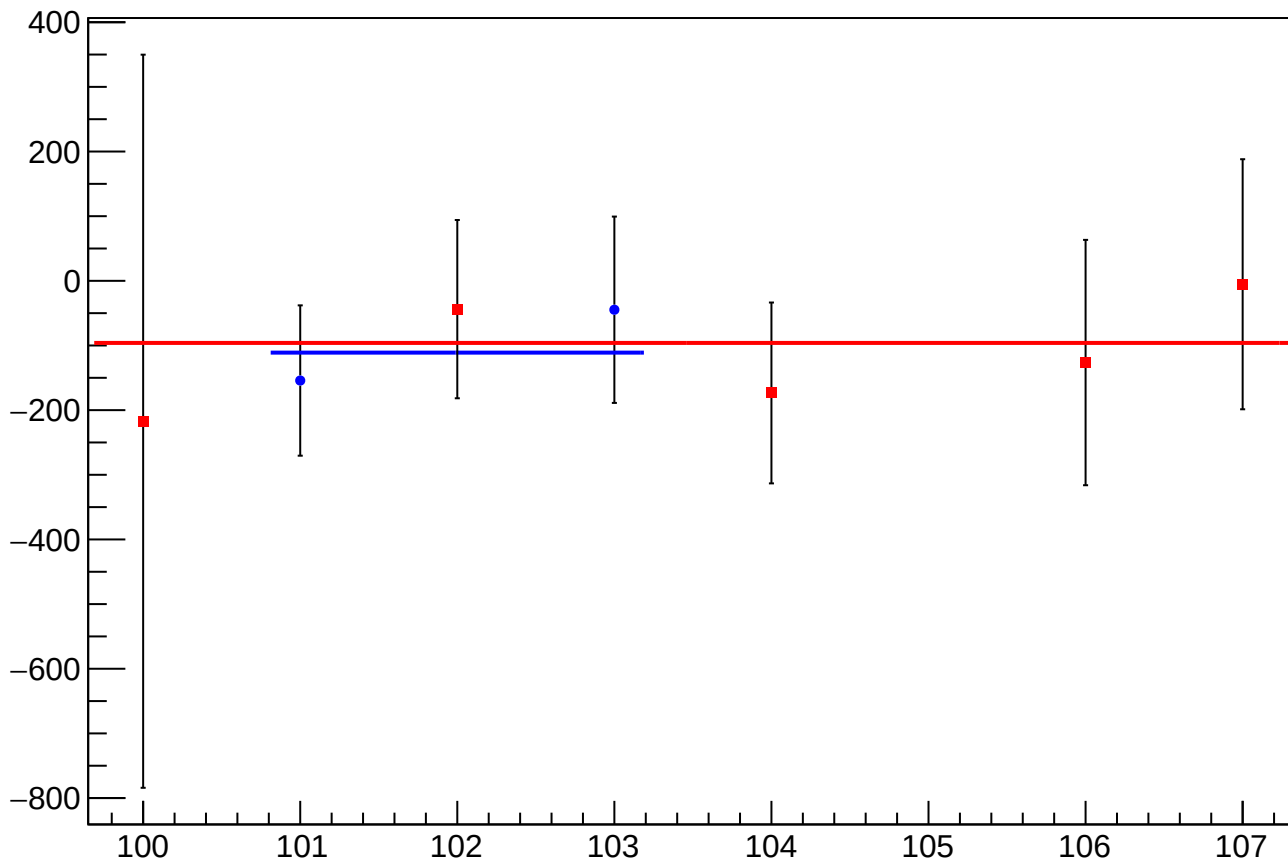
asym_sam_37_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 109566.7/1
 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 : 224933.7/6
 In: 0.000+/-0.000 χ^2/NDF : 109566.7/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 224933.7/6

reg_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -111.034 $\pm$ 90.487 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -96.035 $\pm$ 78.726 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

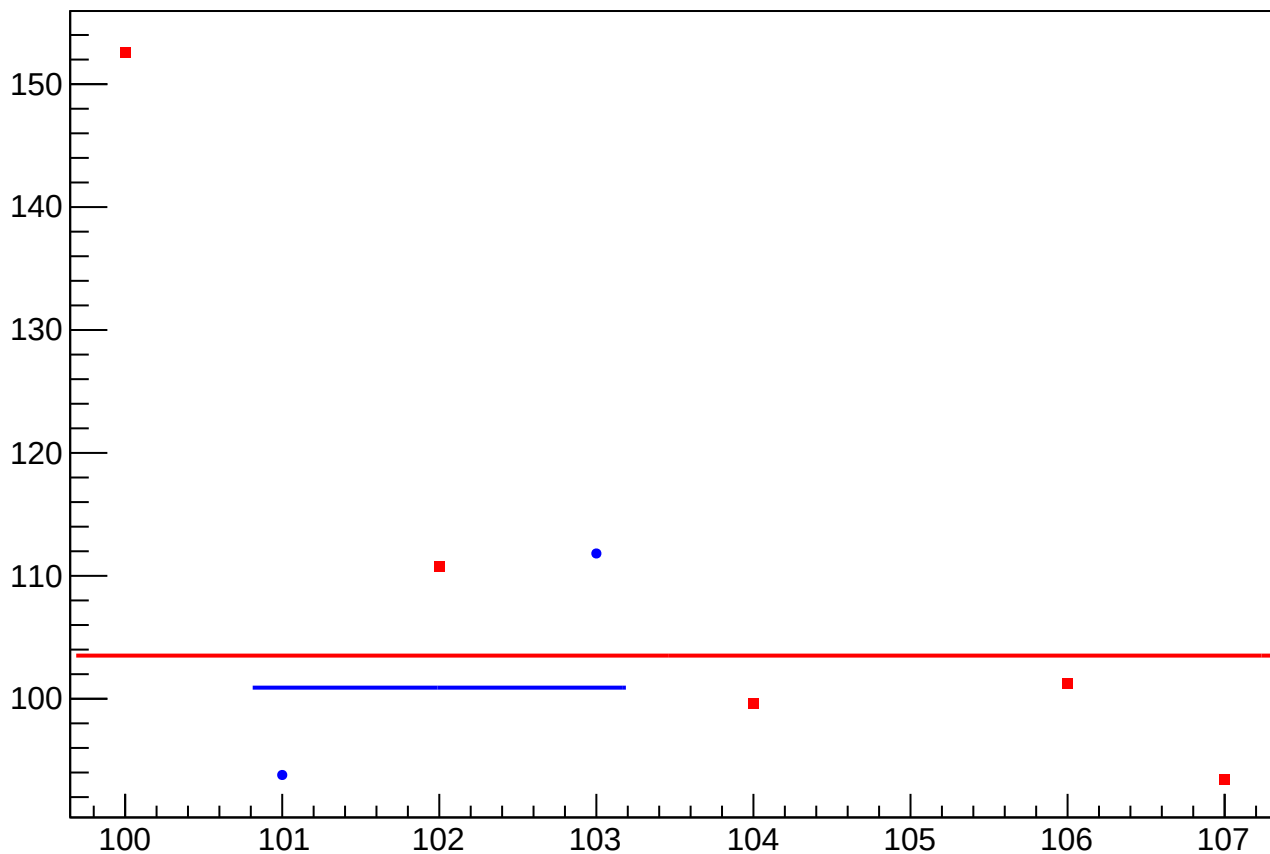
Right: -102.497 $\pm$ 59.394 χ^2 /NDF: 1.1/6

In: -111.034 $\pm$ 90.487 χ^2 /NDF:0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -102.497 $\pm$ 59.394 χ^2 /NDF: 1.1/6

reg_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 100.905 $\pm$ 0.064 χ^2 /NDF: 18942.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 103.512 $\pm$ 0.056 χ^2 /NDF: 27720.4/4

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

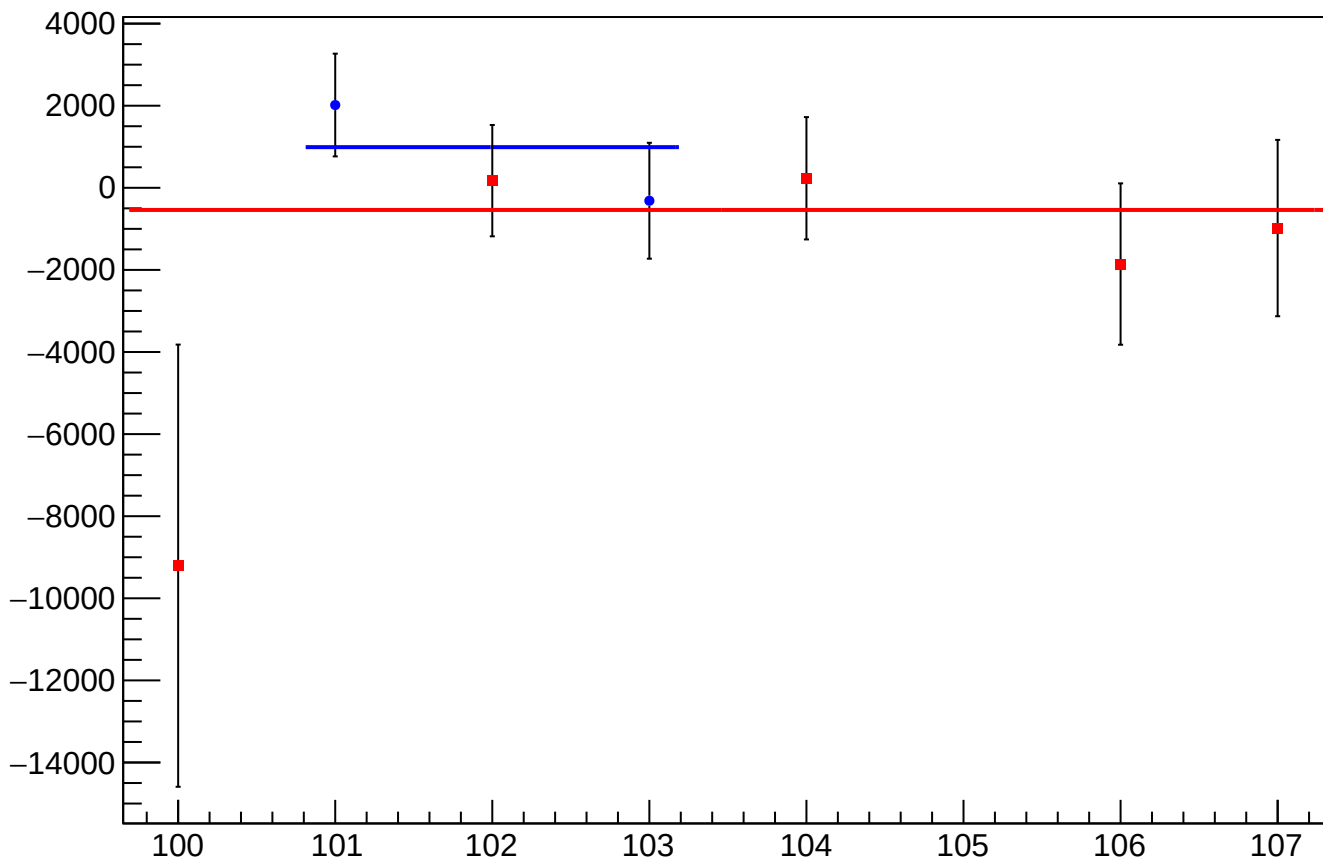
Right: 102.389 $\pm$ 0.042 χ^2 /NDF: 47607.8/6

In: 100.905 $\pm$ 0.064 χ^2 /NDF:18942.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 102.389 $\pm$ 0.042 χ^2 /NDF: 47607.8/6

asym_sam_15_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 990.638 $\pm$ 936.420 χ^2 /NDF: 1.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -539.225 $\pm$ 815.395 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

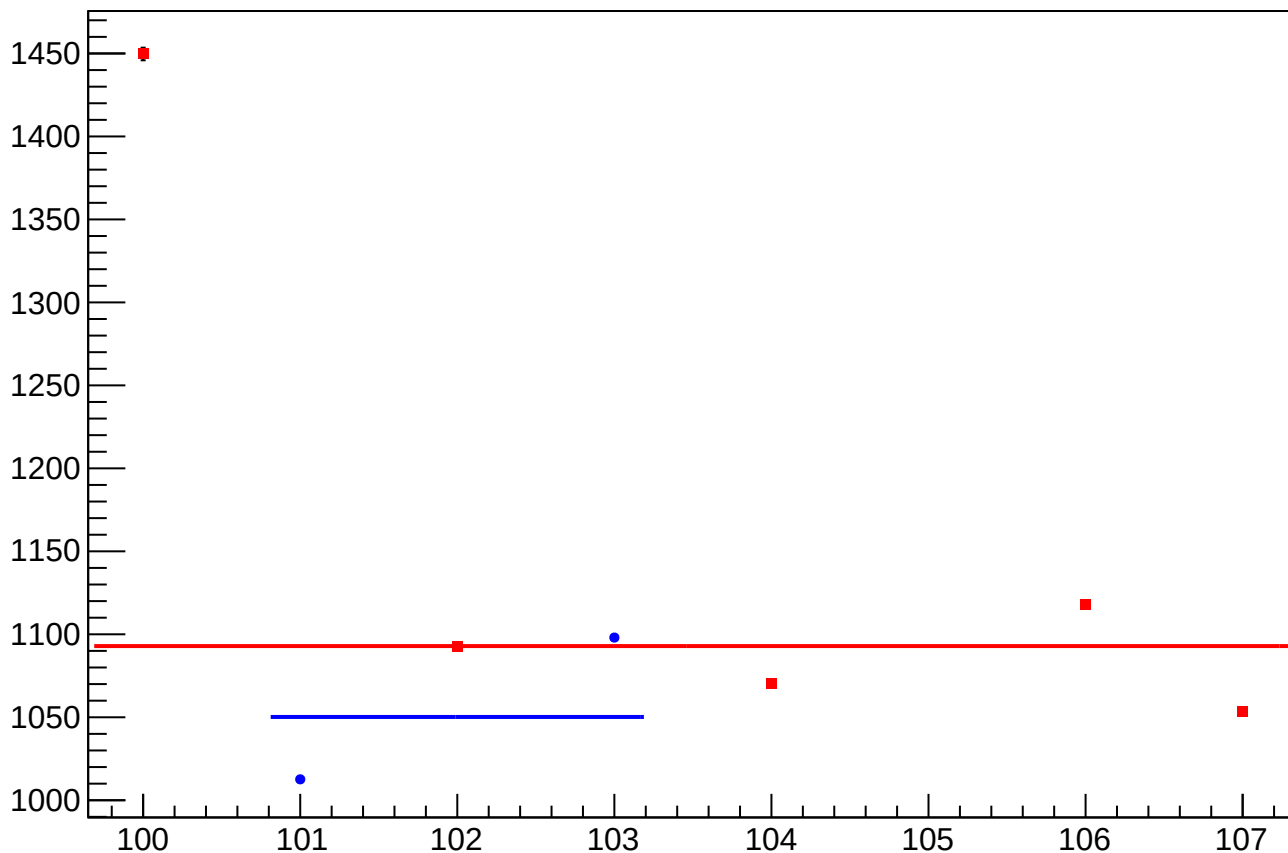
Right: 120.517 $\pm$ 614.939 χ^2 /NDF: 6.7/6

In: 990.638 $\pm$ 936.420 χ^2 /NDF:1.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 120.517 $\pm$ 614.939 χ^2 /NDF: 6.7/6

asym_sam_15_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1050.189+/-0.662 χ^2/NDF : 4100.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1092.903+/-0.577 χ^2/NDF : 10222.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

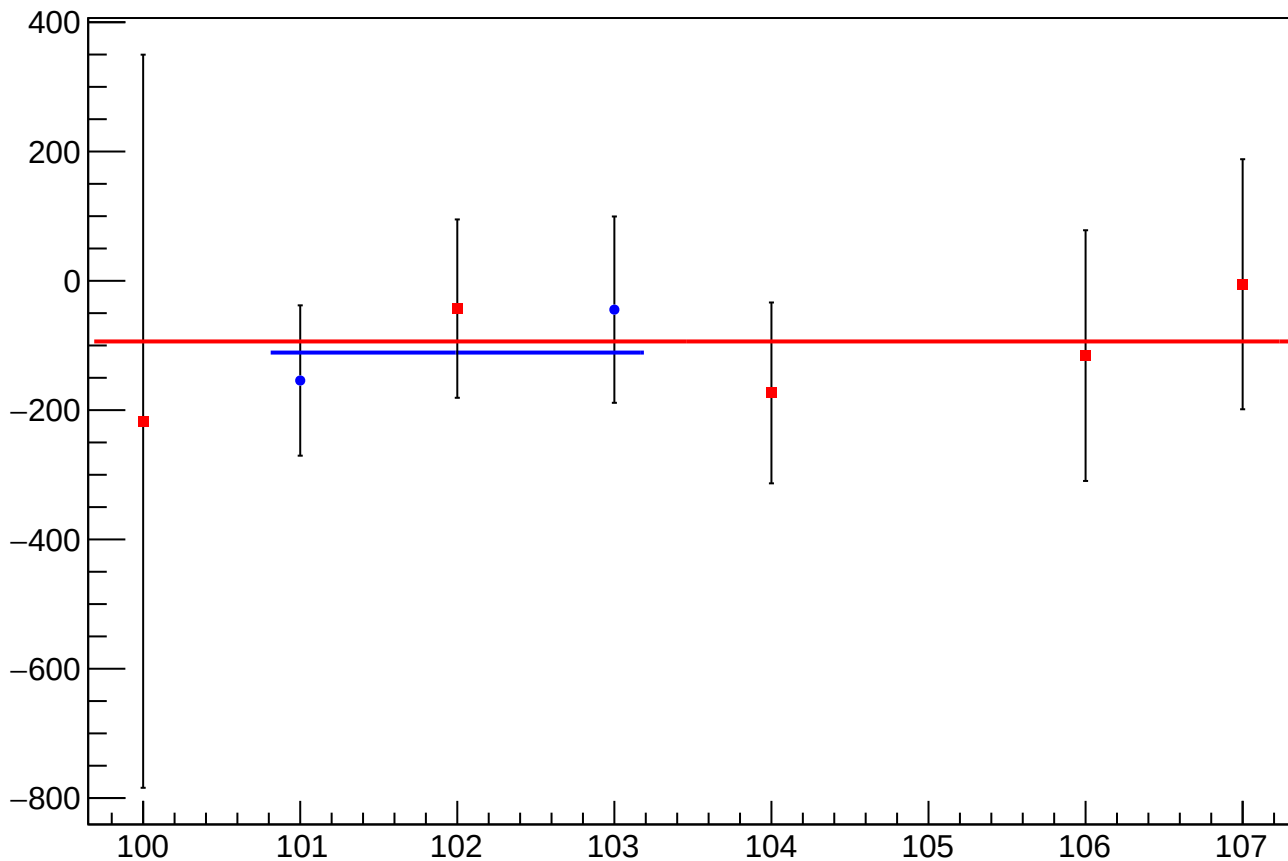
Right: 1074.483+/-0.435 χ^2/NDF : 16690.4/6

In: 1050.189+/-0.662 χ^2/NDF : 4100.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1074.483+/-0.435 χ^2/NDF : 16690.4/6

cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -110.973+/-90.488 χ^2/NDF : 0.4/1

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

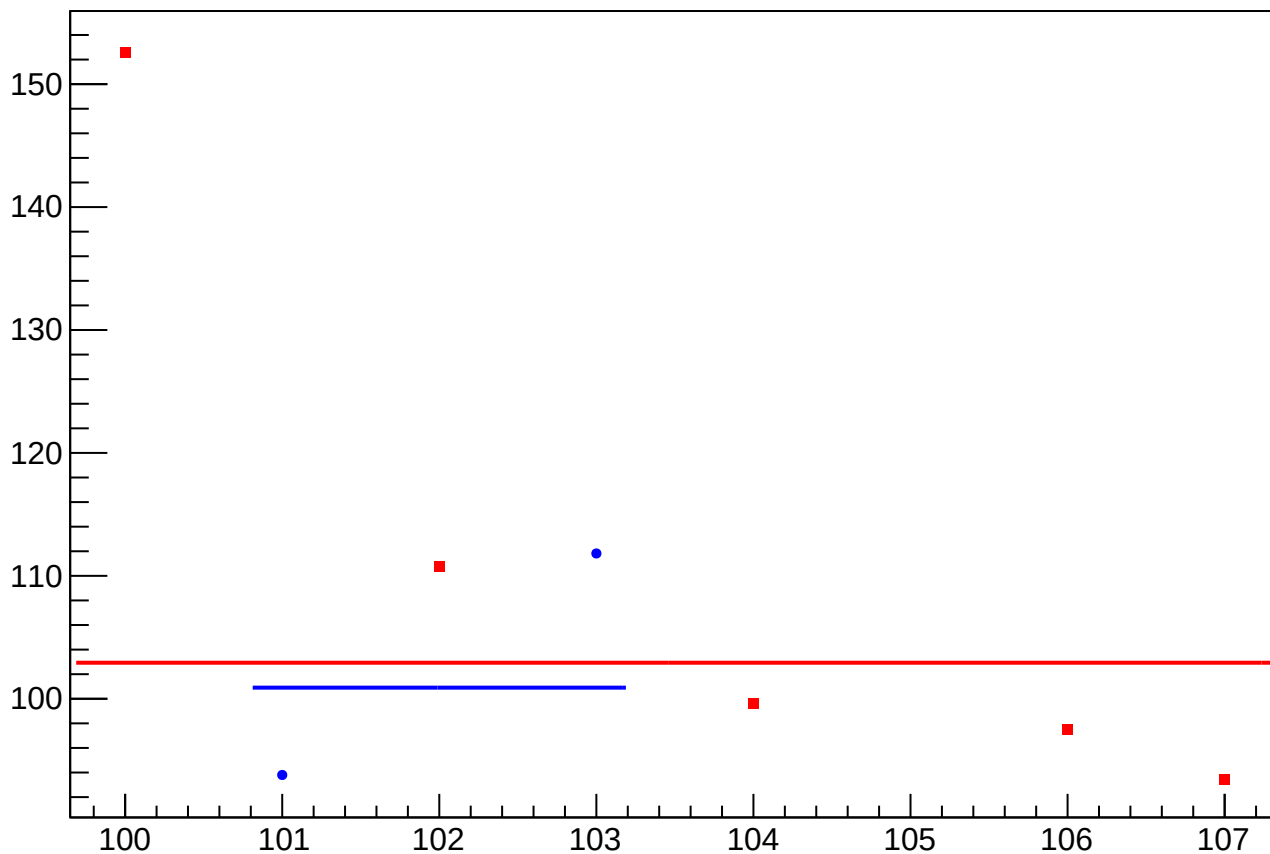
Right: -101.215+/-59.524 χ^2/NDF : 1.1/6

In: -110.973+/-90.488 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -101.215+/-59.524 χ^2/NDF : 1.1/6

cor_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 100.906 $\pm$ 0.064 χ^2 /NDF: 18943.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 102.933 $\pm$ 0.056 χ^2 /NDF: 29312.6/4

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

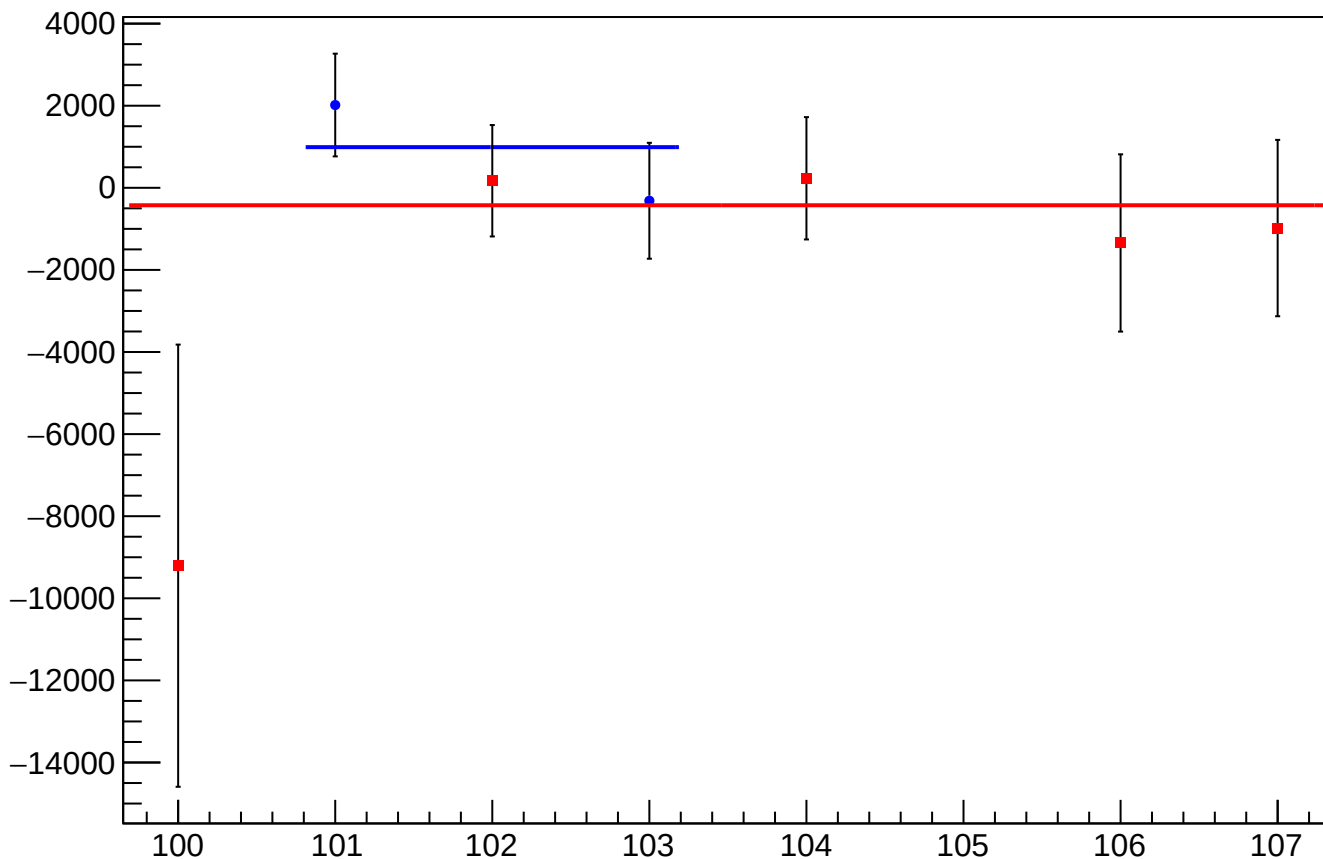
Right: 102.056 $\pm$ 0.042 χ^2 /NDF: 48825.8/6

In: 100.906 $\pm$ 0.064 χ^2 /NDF: 18943.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 102.056 $\pm$ 0.042 χ^2 /NDF: 48825.8/6

asym_sam_15_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 990.477+/-936.442 χ^2/NDF : 1.5/1

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

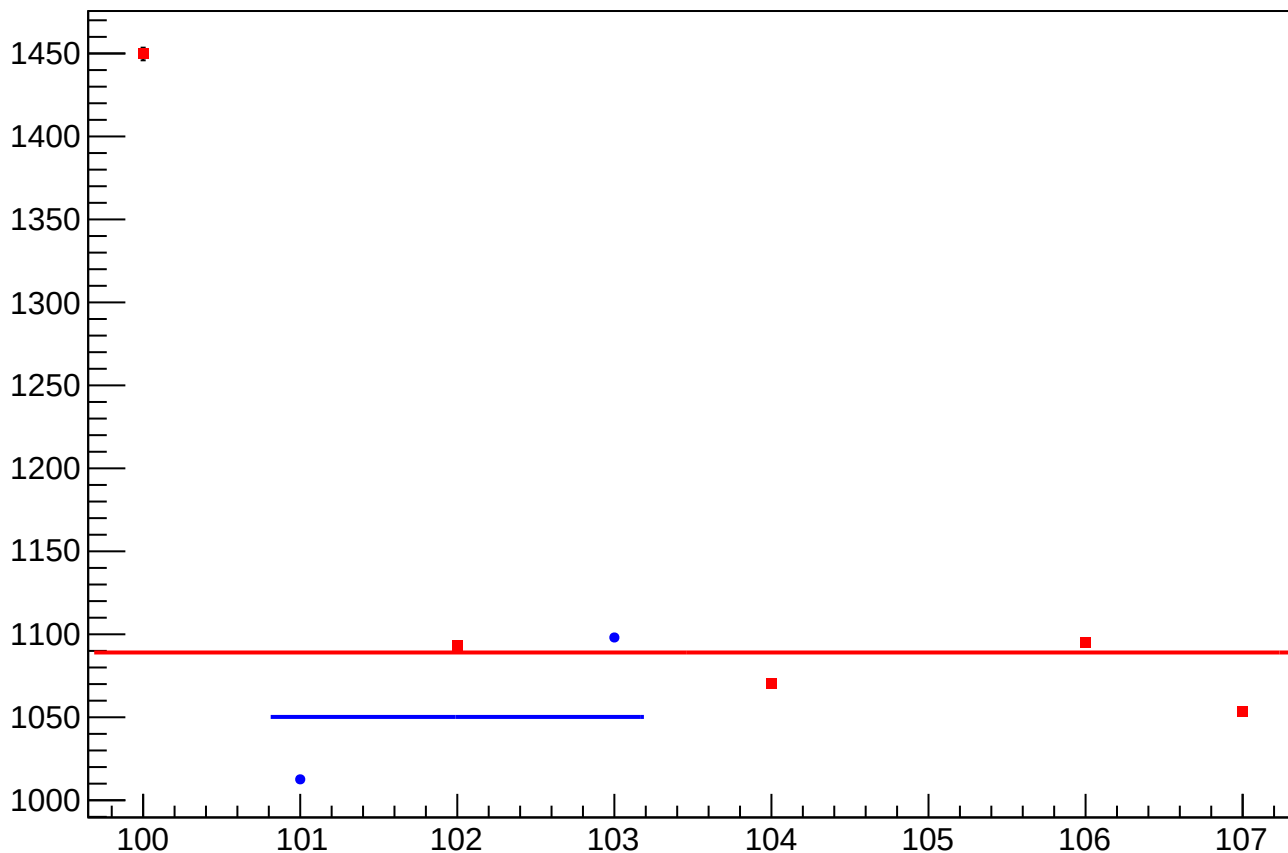
Right: 195.972+/-620.250 χ^2/NDF : 6.1/6

In: 990.477+/-936.442 χ^2/NDF : 1.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.972+/-620.250 χ^2/NDF : 6.1/6

asym_sam_15_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1050.211+/-0.662 χ^2/NDF : 4105.7/1

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

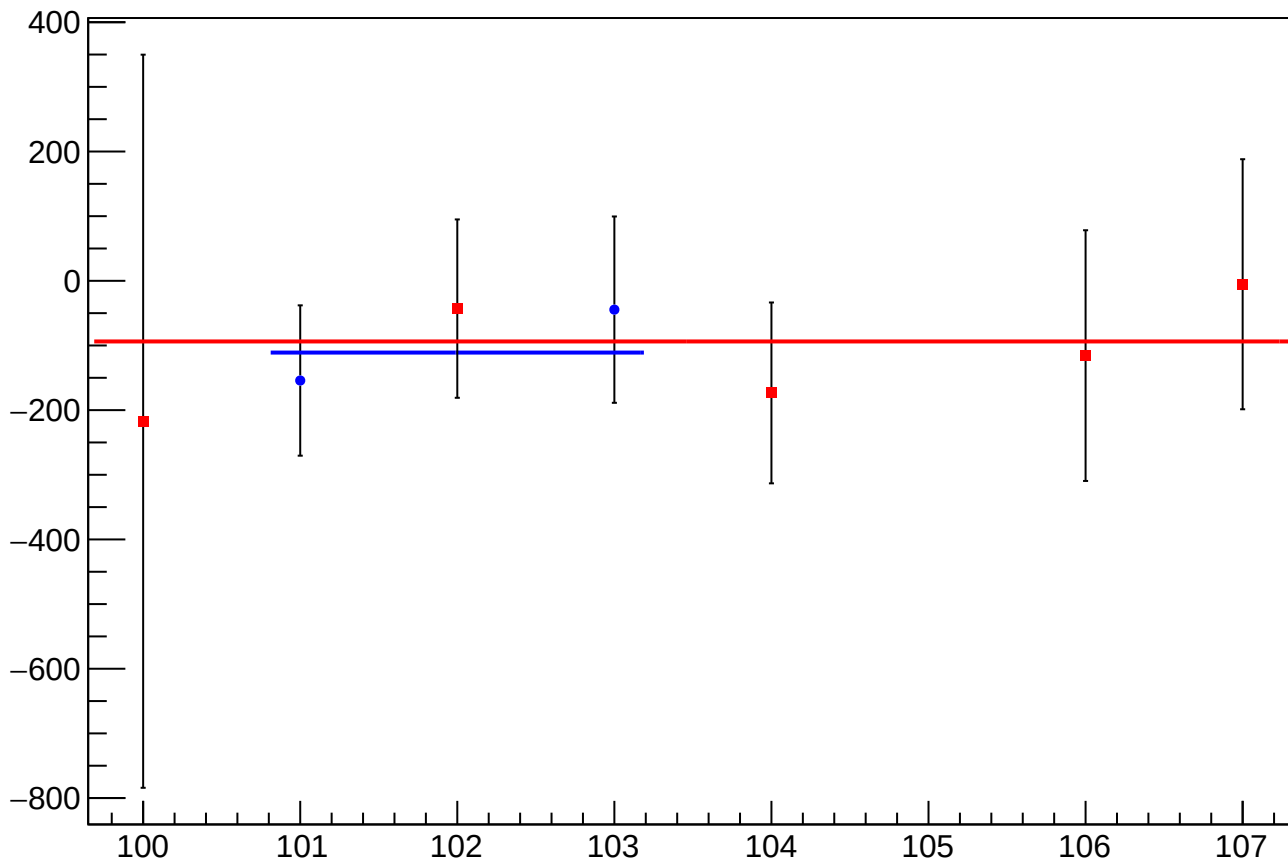
Right: 1072.005+/-0.439 χ^2/NDF : 15897.6/6

In: 1050.211+/-0.662 χ^2/NDF : 4105.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1072.005+/-0.439 χ^2/NDF : 15897.6/6

eigen_cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -110.973+/-90.488 χ^2/NDF : 0.4/1

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

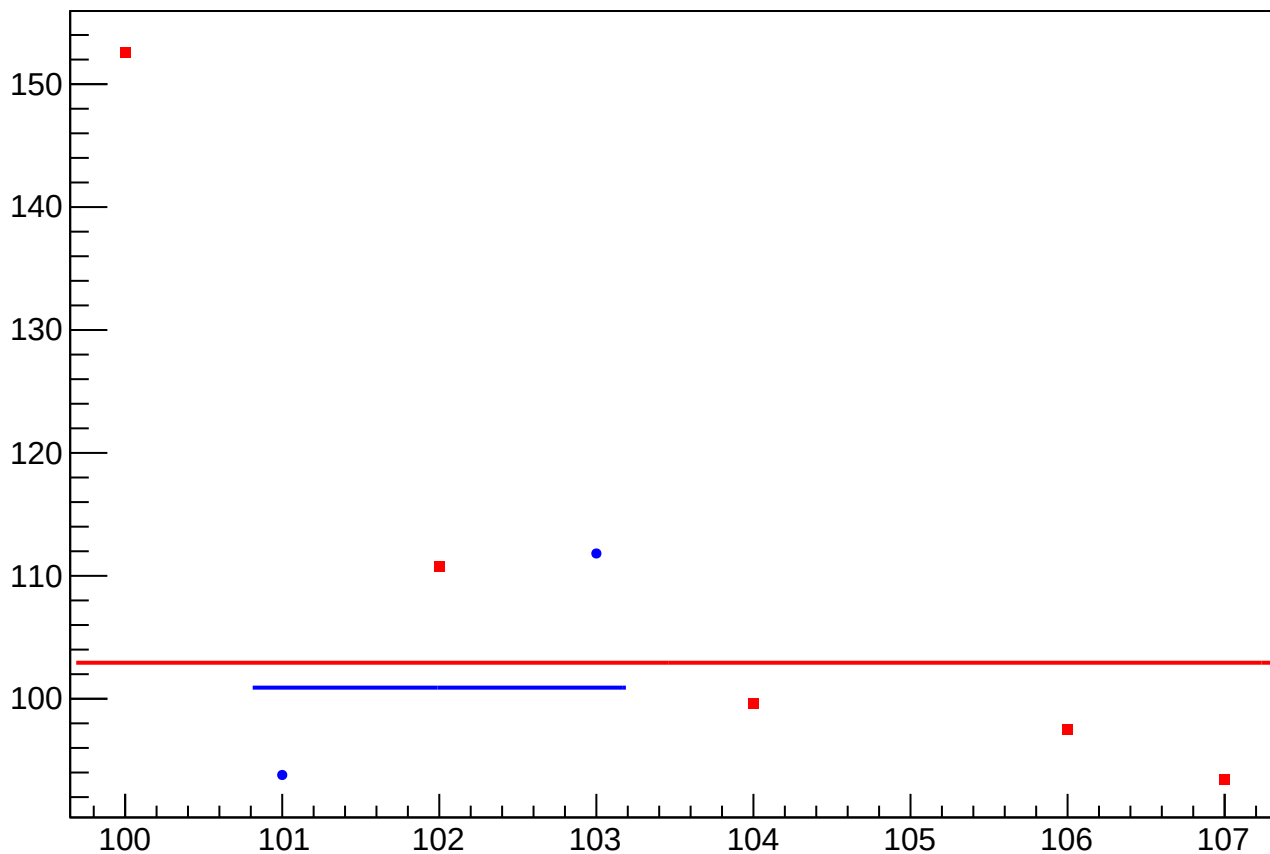
Right: -101.215+/-59.524 χ^2/NDF : 1.1/6

In: -110.973+/-90.488 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -101.215+/-59.524 χ^2/NDF : 1.1/6

eigen_cor_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 100.906 $\pm$ 0.064 χ^2 /NDF: 18943.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 102.933 $\pm$ 0.056 χ^2 /NDF: 29312.6/4

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

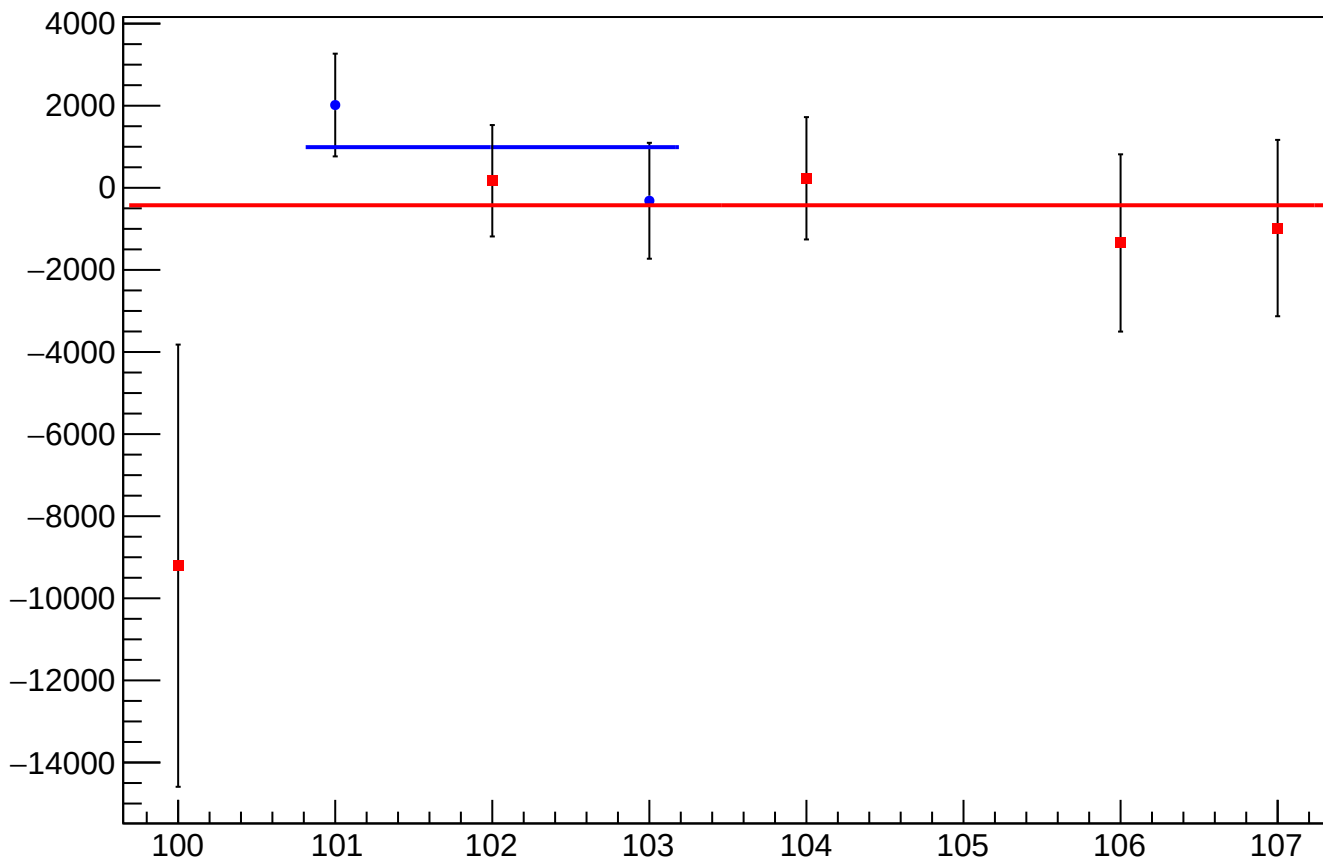
Right: 102.056 $\pm$ 0.042 χ^2 /NDF: 48825.8/6

In: 100.906 $\pm$ 0.064 χ^2 /NDF:18943.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 102.056 $\pm$ 0.042 χ^2 /NDF: 48825.8/6

asym_sam_15_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 990.477+/-936.442 χ^2/NDF : 1.5/1

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

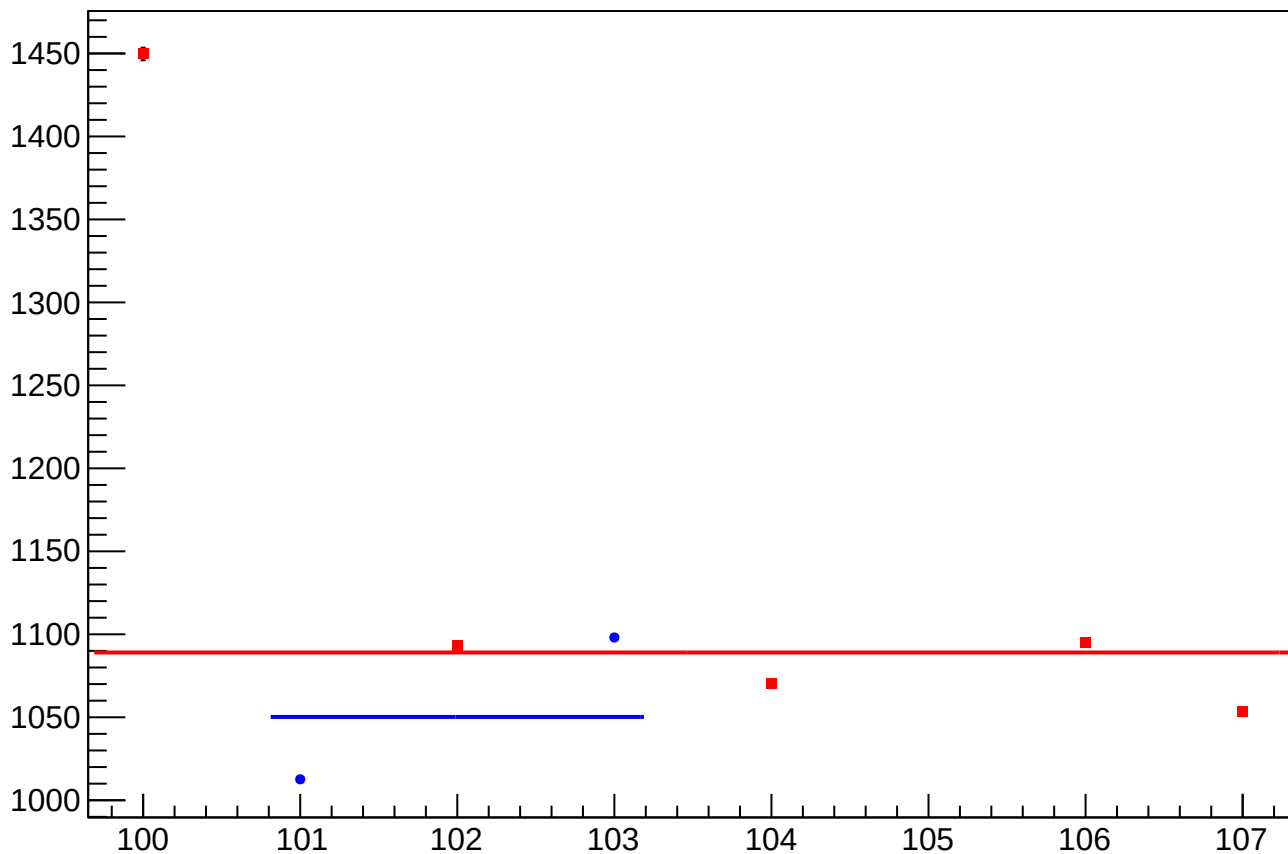
Right: 195.972+/-620.250 χ^2/NDF : 6.1/6

In: 990.477+/-936.442 χ^2/NDF : 1.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.972+/-620.250 χ^2/NDF : 6.1/6

asym_sam_15_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1050.211+/-0.662 χ^2/NDF : 4105.7/1

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

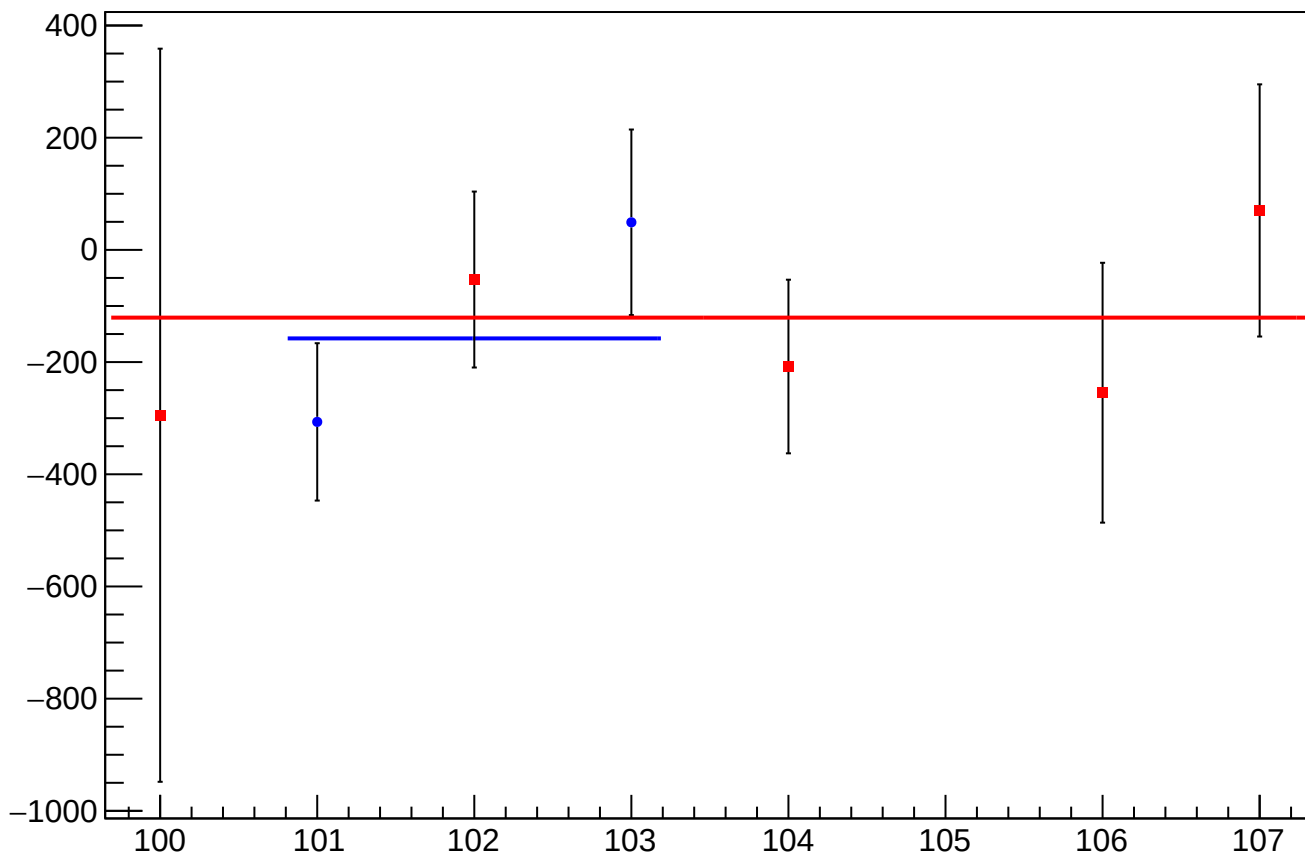
Right: 1072.005+/-0.439 χ^2/NDF : 15897.6/6

In: 1050.211+/-0.662 χ^2/NDF : 4105.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1072.005+/-0.439 χ^2/NDF : 15897.6/6

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -157.801 $\pm$ 106.971 χ^2 /NDF: 2.7/1

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

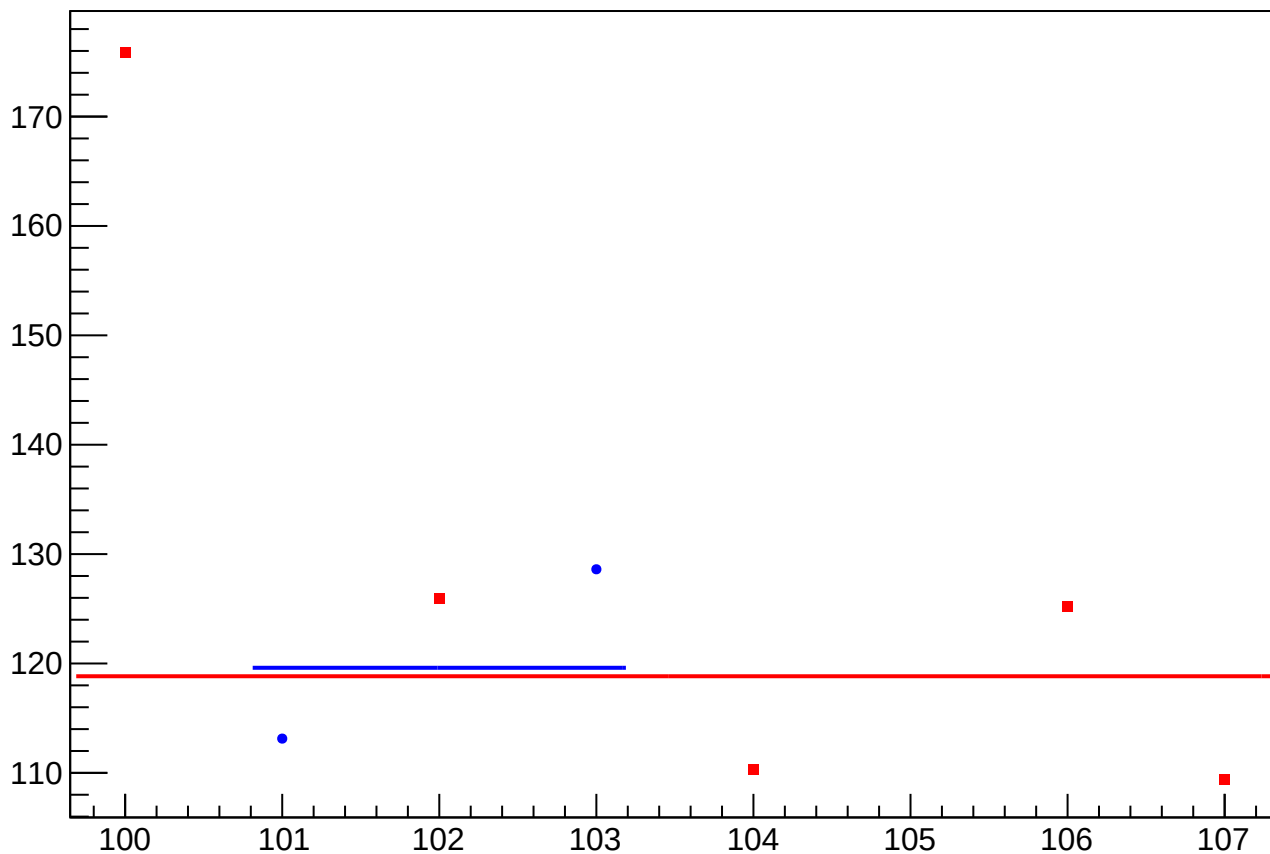
Right: -136.123 $\pm$ 68.913 χ^2 /NDF: 4.4/6

In: -157.801 $\pm$ 106.971 χ^2 /NDF: 2.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -136.123 $\pm$ 68.913 χ^2 /NDF: 4.4/6

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 119.608 $\pm$ 0.076 χ^2 /NDF: 10191.7/1

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

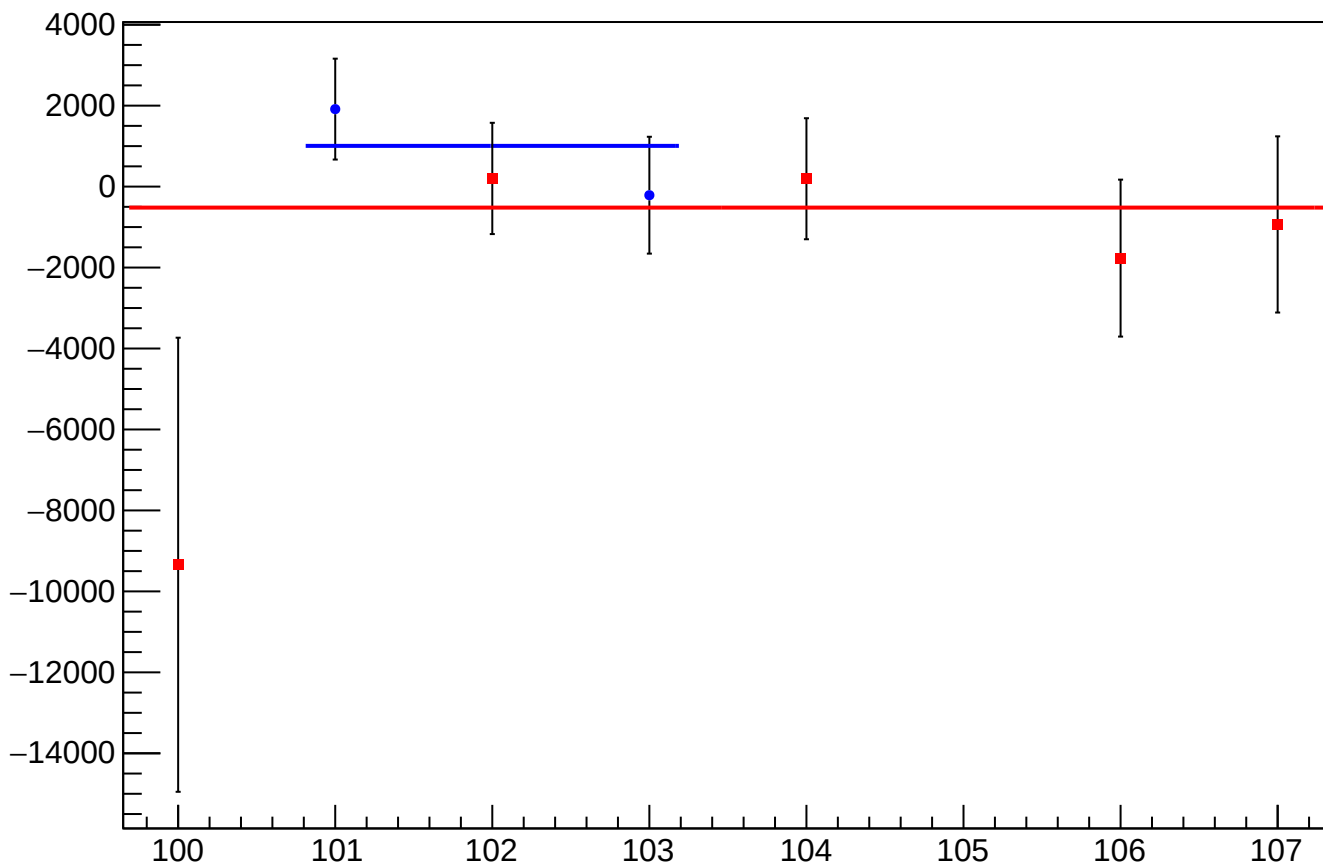
Right: 119.155 $\pm$ 0.049 χ^2 /NDF: 40698.9/6

In: 119.608 $\pm$ 0.076 χ^2 /NDF:10191.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 119.155 $\pm$ 0.049 χ^2 /NDF: 40698.9/6

asym_sam_15_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1006.017 $\pm$ 943.210 χ^2 /NDF: 1.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -518.841 $\pm$ 820.359 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

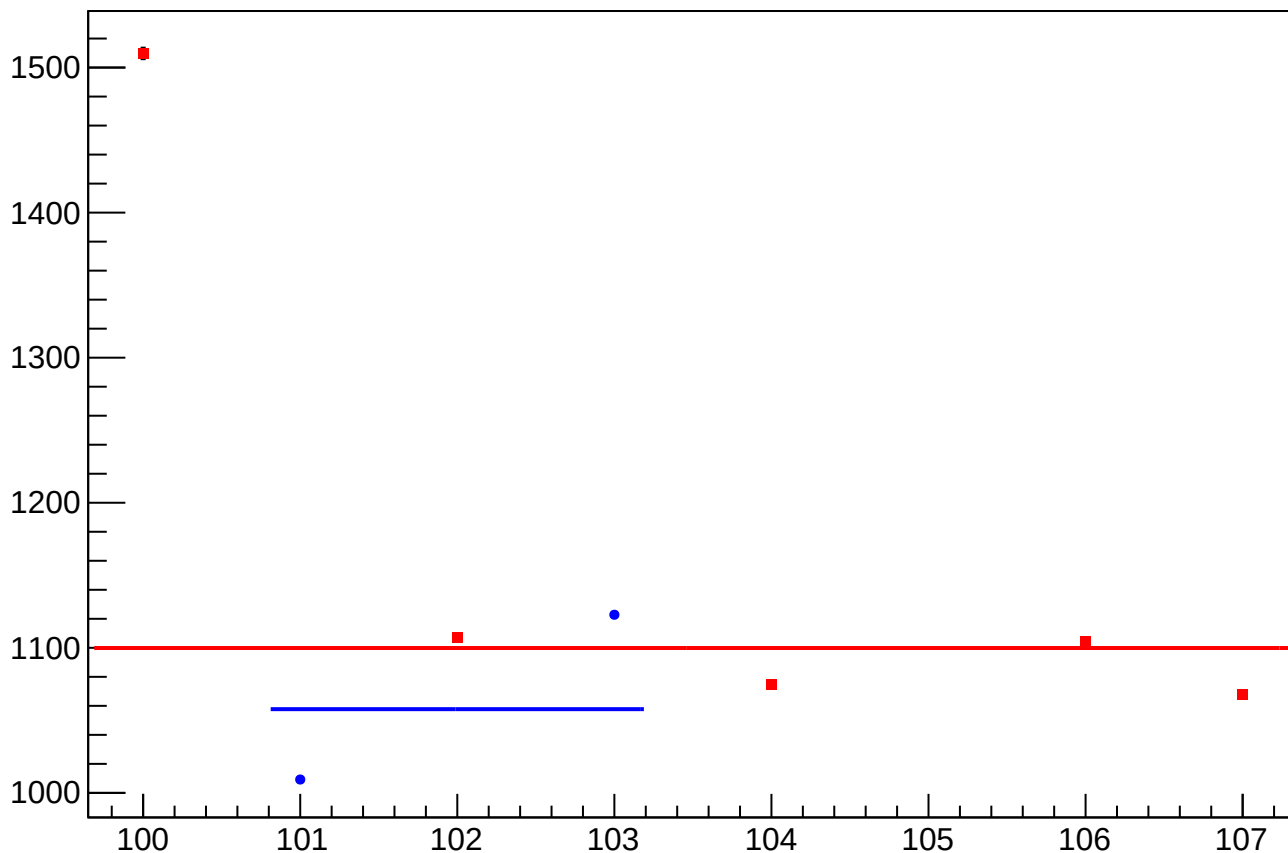
Right: 137.879 $\pm$ 618.990 χ^2 /NDF: 6.2/6

In: 1006.017 $\pm$ 943.210 χ^2 /NDF: 1.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 137.879 $\pm$ 618.990 χ^2 /NDF: 6.2/6

asym_sam_15_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1057.715+/-0.667 χ^2/NDF : 7096.4/1

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

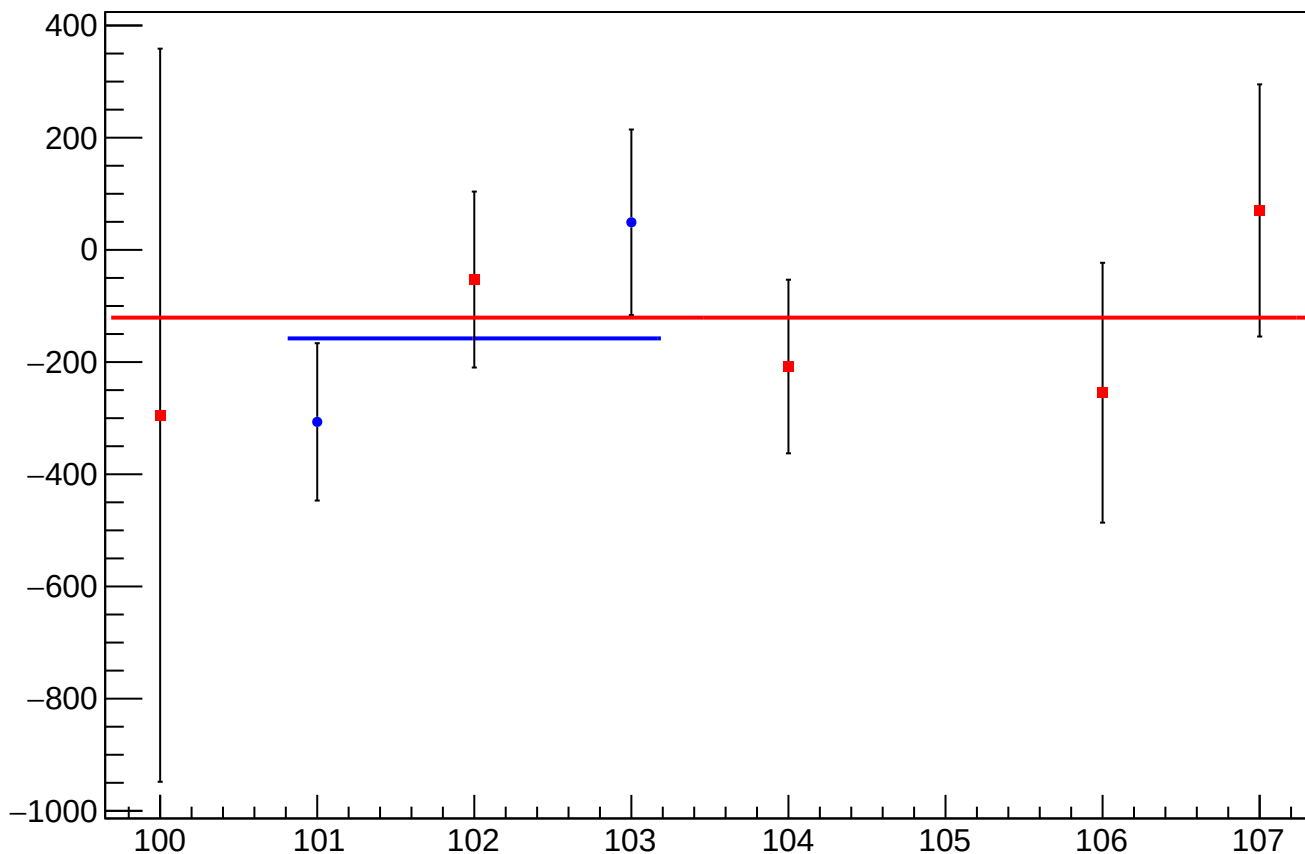
Right: 1081.715+/-0.438 χ^2/NDF : 21134.2/6

In: 1057.715+/-0.667 χ^2/NDF : 7096.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1081.715+/-0.438 χ^2/NDF : 21134.2/6

eigen_dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -157.798 $\pm$ 106.971 χ^2 /NDF: 2.7/1

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

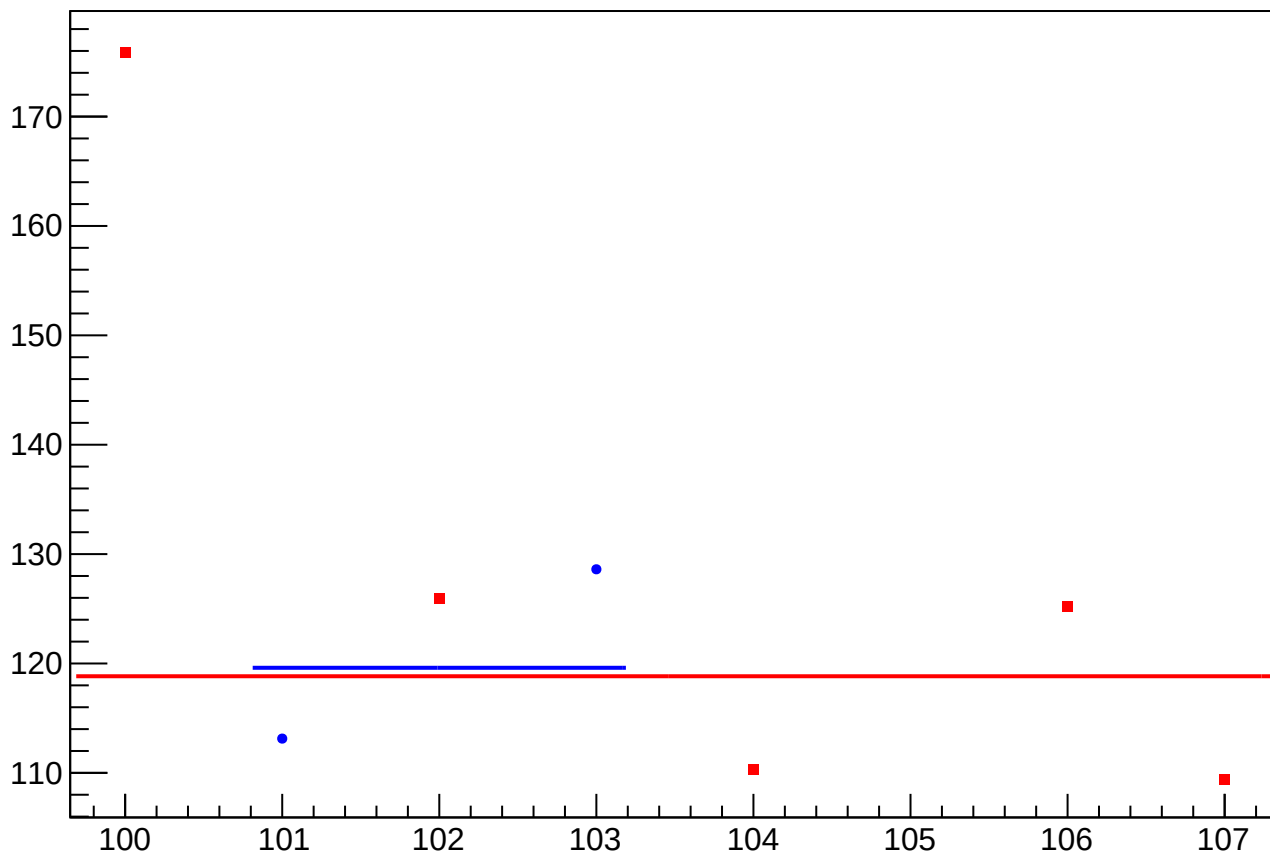
Right: -136.123 $\pm$ 68.913 χ^2 /NDF: 4.4/6

In: -157.798 $\pm$ 106.971 χ^2 /NDF: 2.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -136.123 $\pm$ 68.913 χ^2 /NDF: 4.4/6

eigen_dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 119.607 $\pm$ 0.076 χ^2 /NDF: 10190.7/1

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

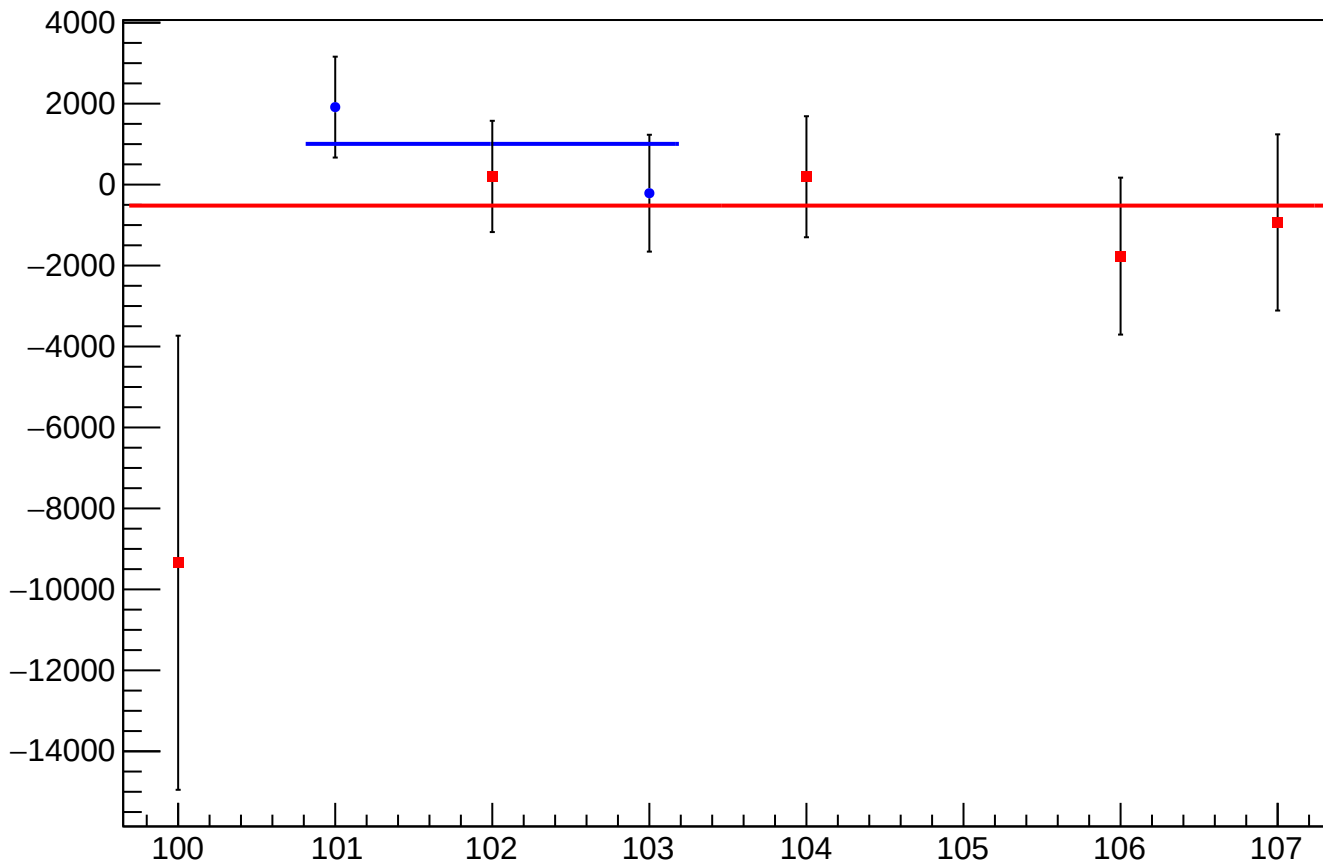
Right: 119.154 $\pm$ 0.049 χ^2 /NDF: 40697.2/6

In: 119.607 $\pm$ 0.076 χ^2 /NDF: 10190.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 119.154 $\pm$ 0.049 χ^2 /NDF: 40697.2/6

asym_sam_15_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1006.016 $\pm$ 943.208 χ^2 /NDF: 1.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -518.839 $\pm$ 820.357 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

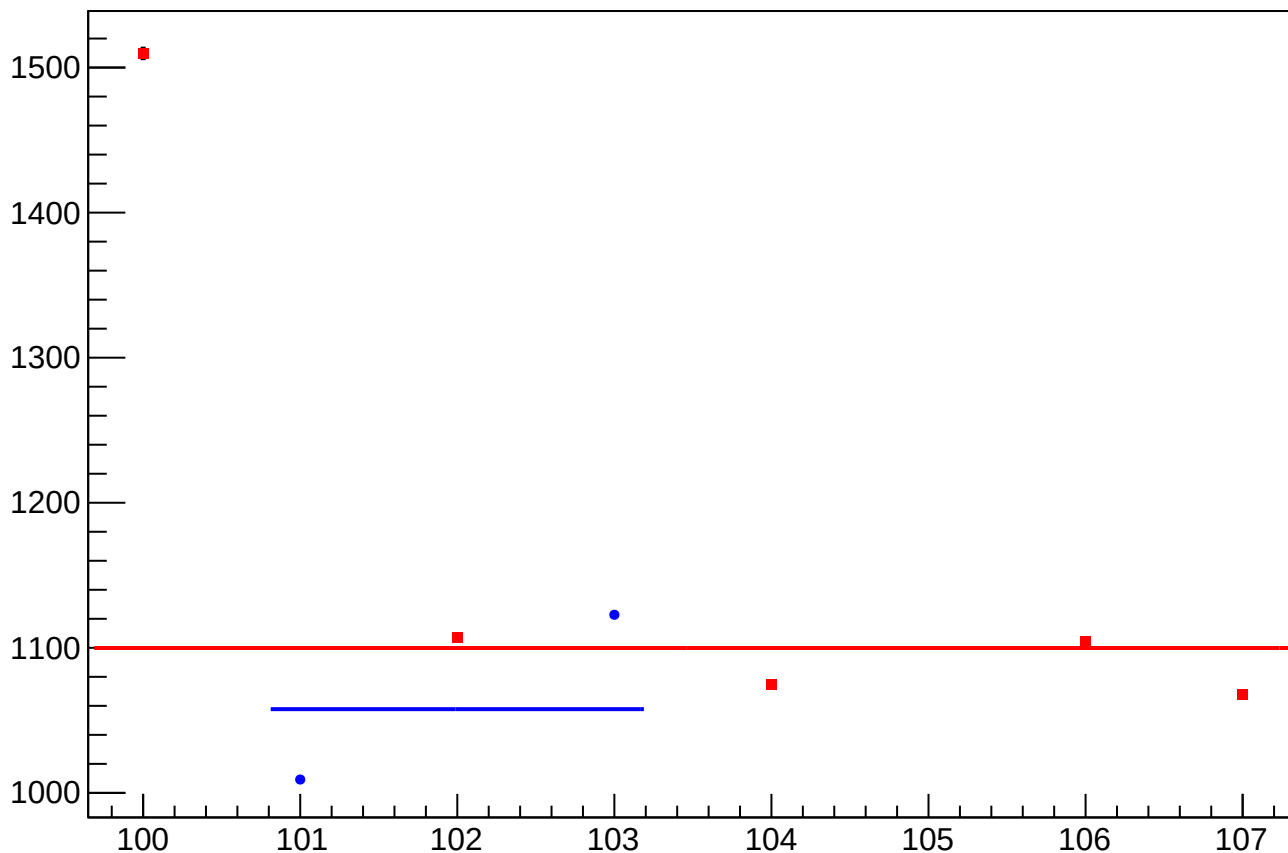
Right: 137.880 $\pm$ 618.989 χ^2 /NDF: 6.2/6

In: 1006.016 $\pm$ 943.208 χ^2 /NDF:1.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 137.880 $\pm$ 618.989 χ^2 /NDF: 6.2/6

asym_sam_15_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1057.713+/-0.667 χ^2/NDF : 7096.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1099.869+/-0.580 χ^2/NDF : 11763.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

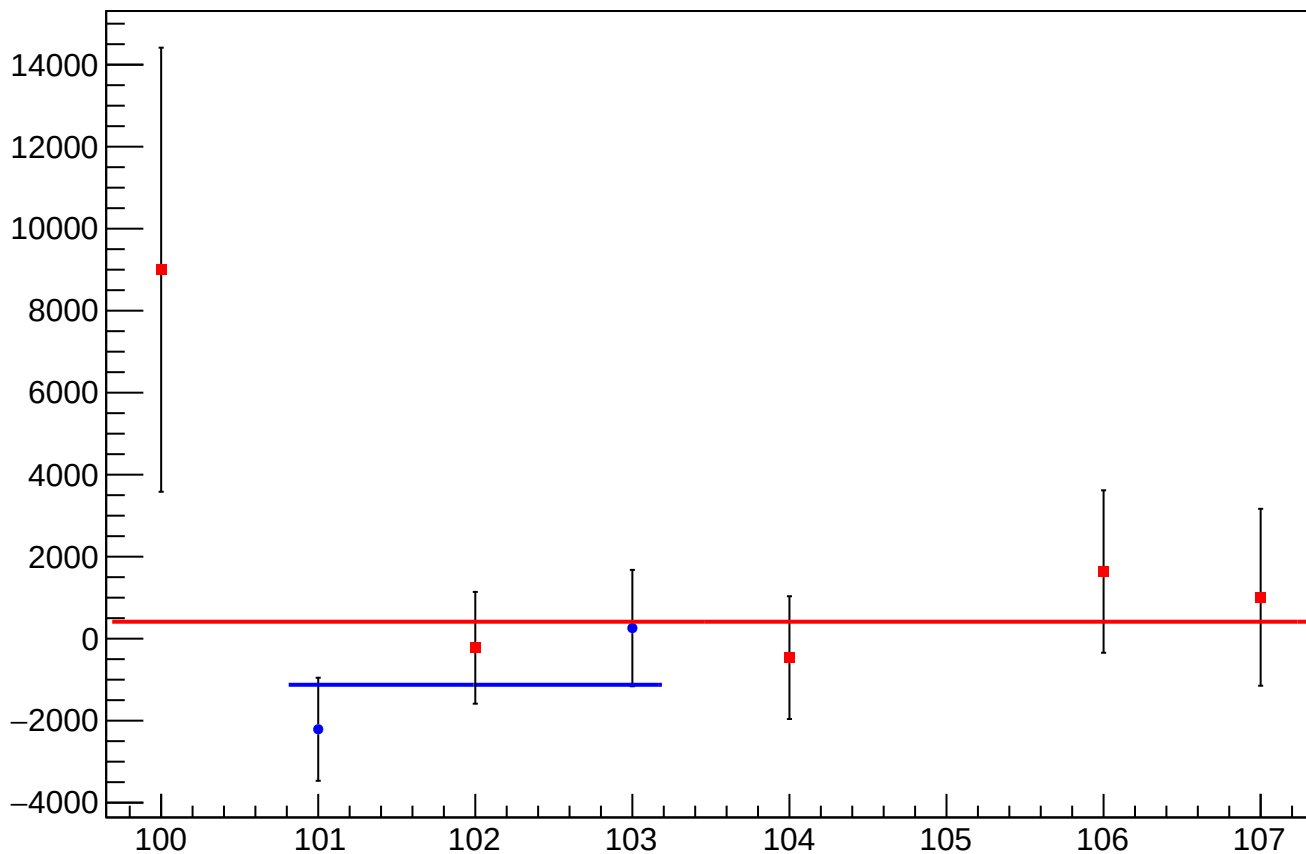
Right: 1081.713+/-0.438 χ^2/NDF : 21133.8/6

In: 1057.713+/-0.667 χ^2/NDF : 7096.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1081.713+/-0.438 χ^2/NDF : 21133.8/6

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -1124.668 $\pm$ 940.973 χ^2 /NDF: 1.7/1

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

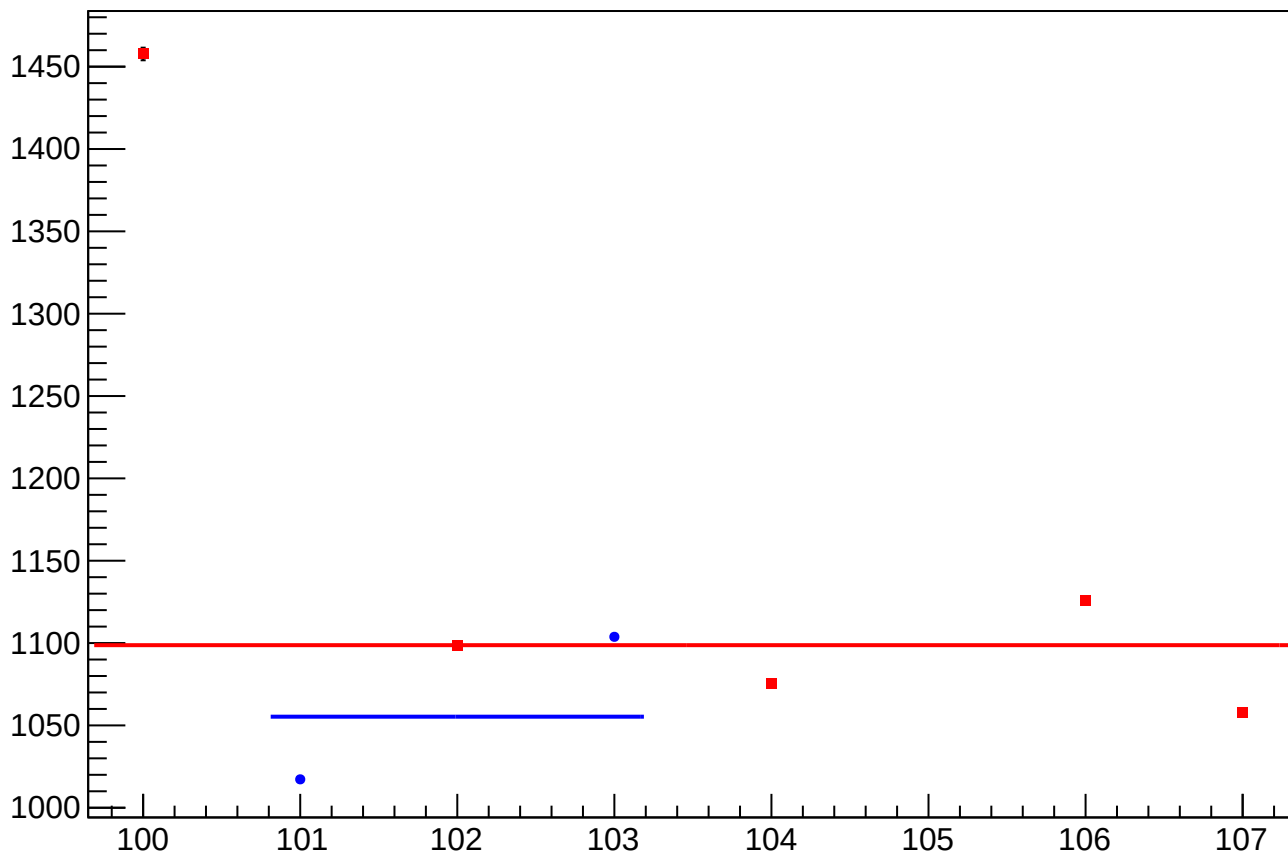
Right: -250.412 $\pm$ 618.137 χ^2 /NDF: 6.7/6

In: -1124.668 $\pm$ 940.973 χ^2 /NDF: 1.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -250.412 $\pm$ 618.137 χ^2 /NDF: 6.7/6

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 1055.297 $\pm$ 0.665 χ^2 /NDF: 4167.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1098.720 $\pm$ 0.580 χ^2 /NDF: 10357.3/4

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

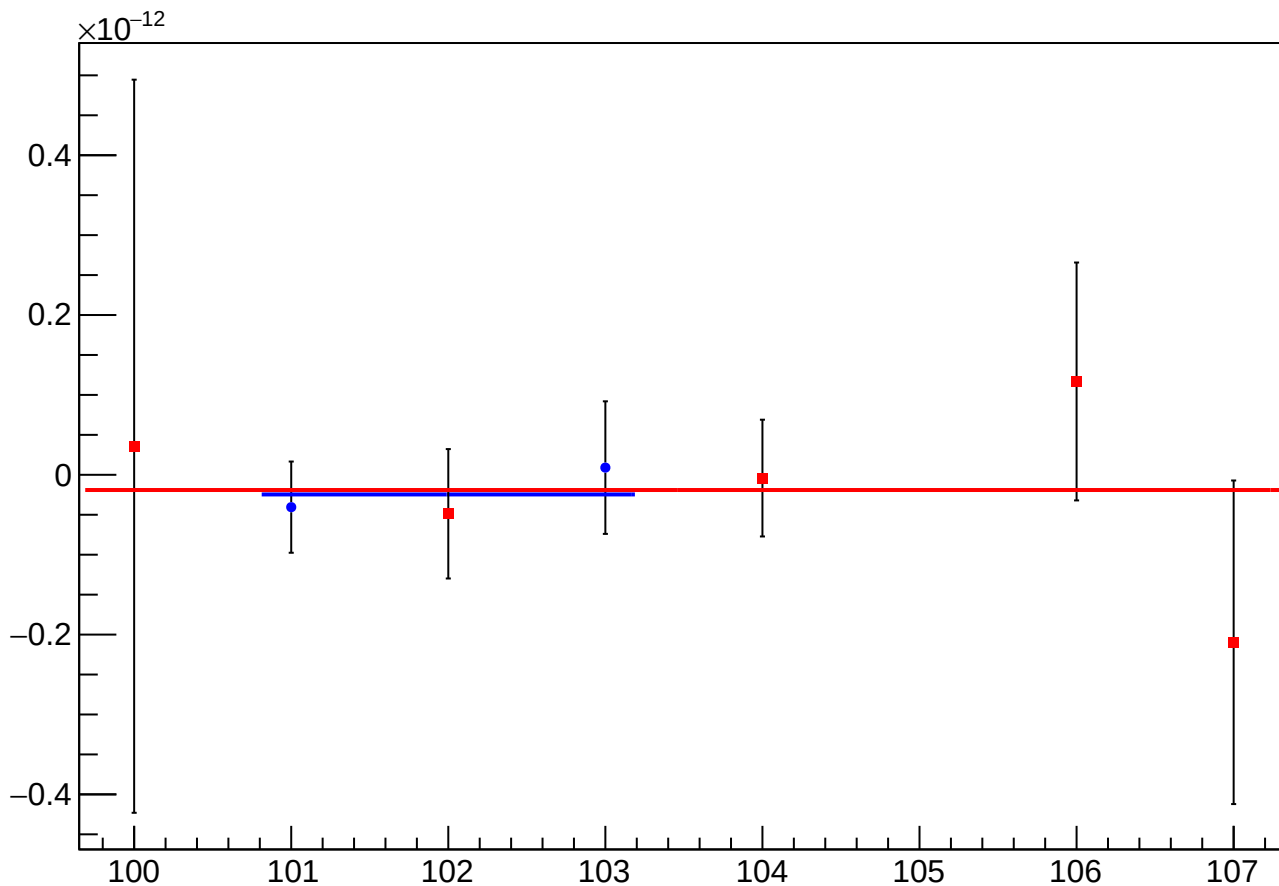
Right: 1079.981 $\pm$ 0.437 χ^2 /NDF: 16946.0/6

In: 1055.297 $\pm$ 0.665 χ^2 /NDF: 4167.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1079.981 $\pm$ 0.437 χ^2 /NDF: 16946.0/6

asym_sam_15_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.2/1

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

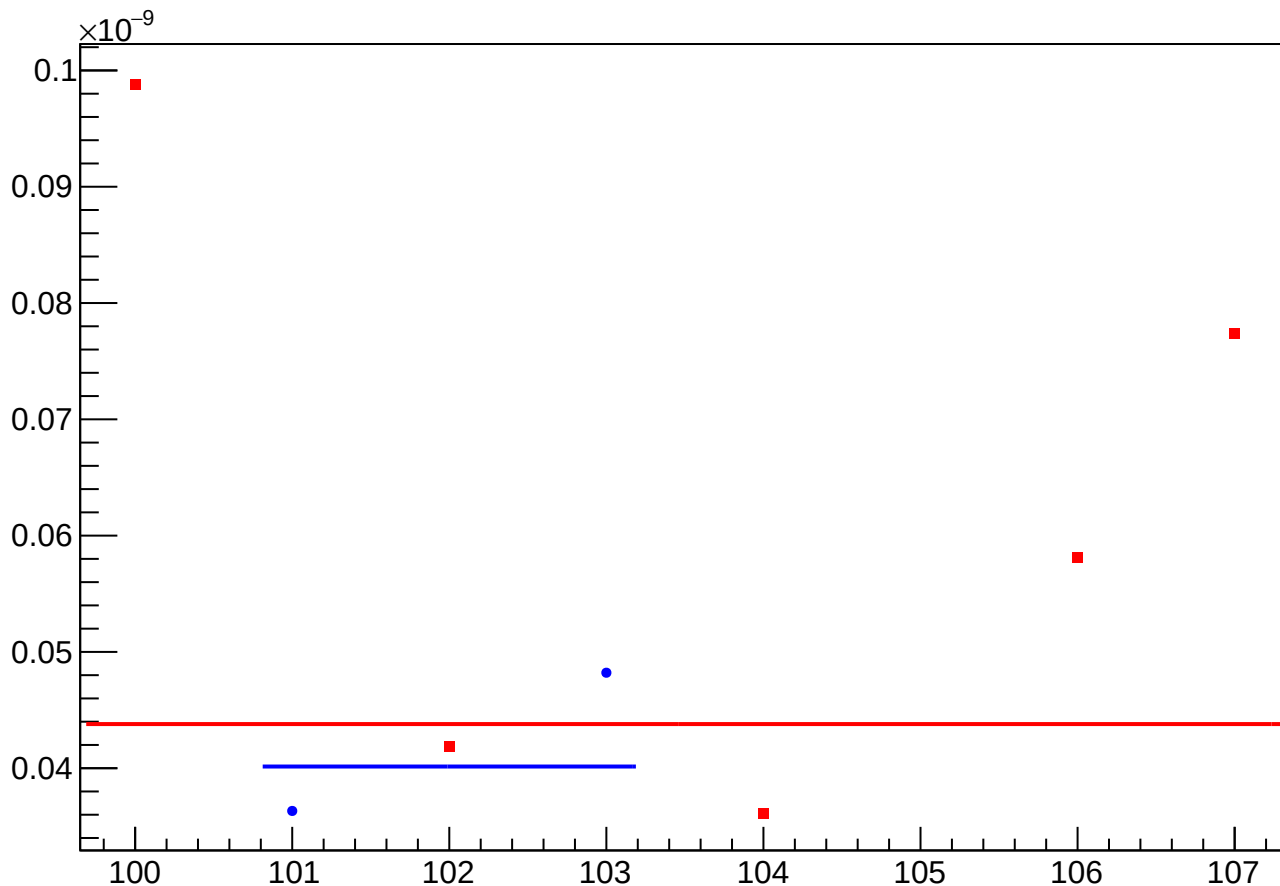
Right: -0.000+/-0.000 χ^2 /NDF: 2.2/6

In: -0.000+/-0.000 χ^2 /NDF:0.2/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 2.2/6

asym_sam_15_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 27851.7/1

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

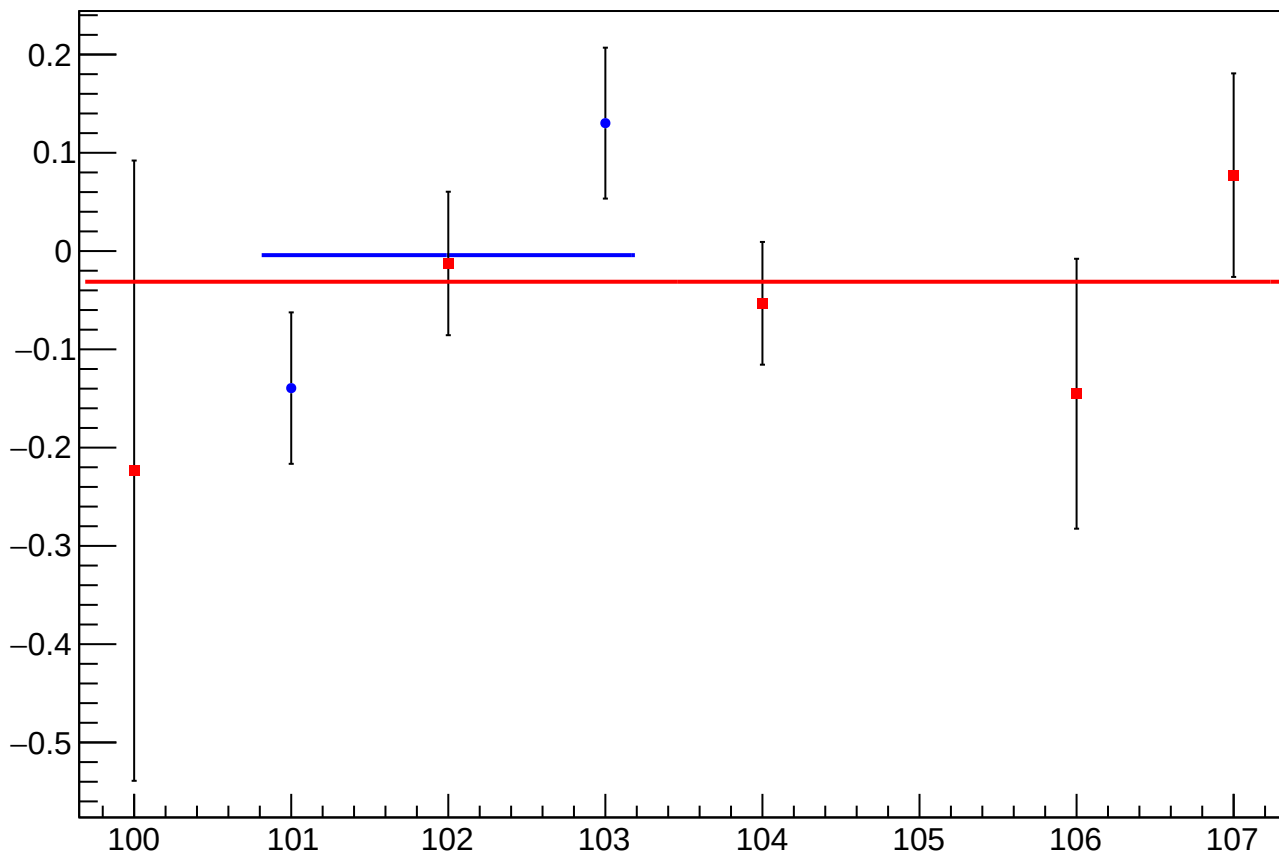
Right: 0.000+/-0.000 χ^2/NDF : 159178.1/6

In: 0.000+/-0.000 χ^2/NDF : 27851.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 159178.1/6

asym_sam_15_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.054 χ^2 /NDF: 6.1/1

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

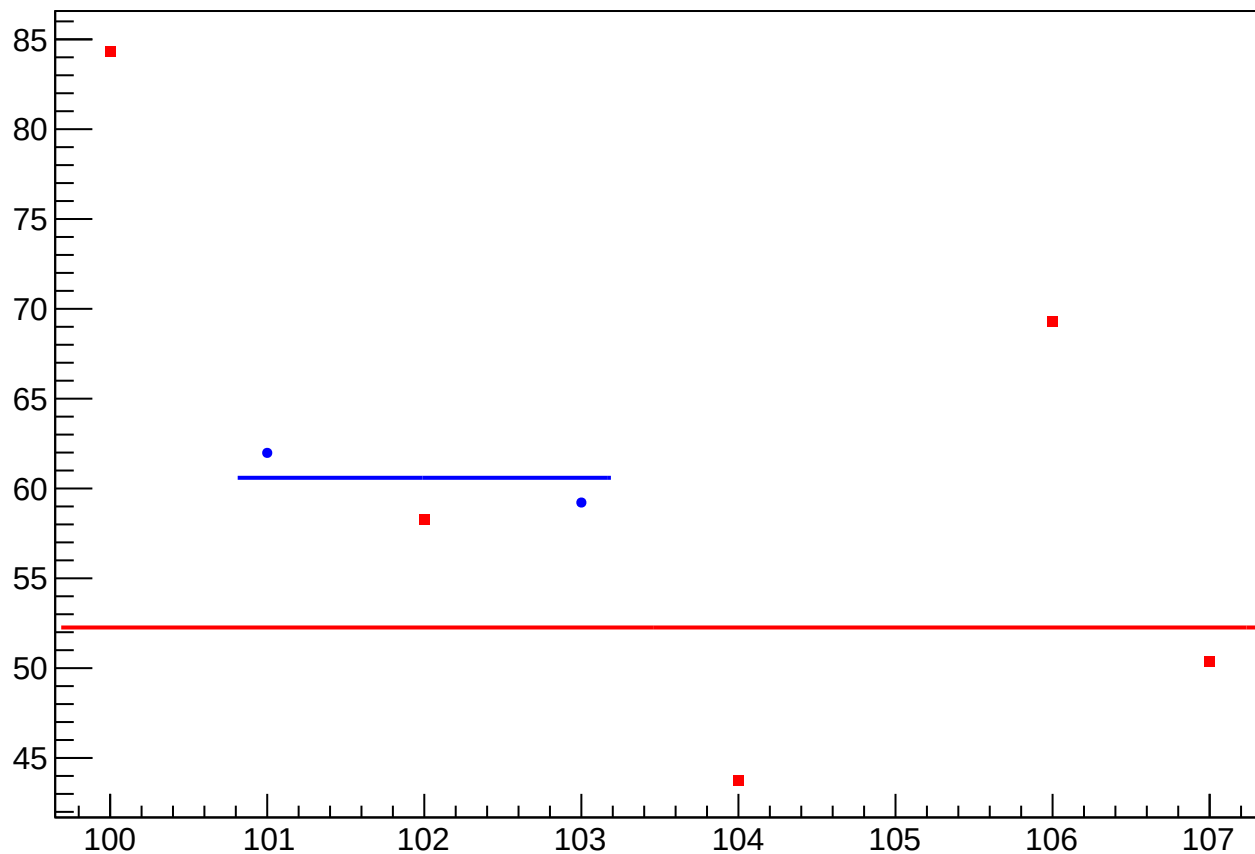
Right: -0.021 $\pm$ 0.033 χ^2 /NDF: 8.6/6

In: -0.004 $\pm$ 0.054 χ^2 /NDF:6.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.021 $\pm$ 0.033 χ^2 /NDF: 8.6/6

asym_sam_15_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.596+/-0.038 χ^2/NDF : 1291.6/1

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

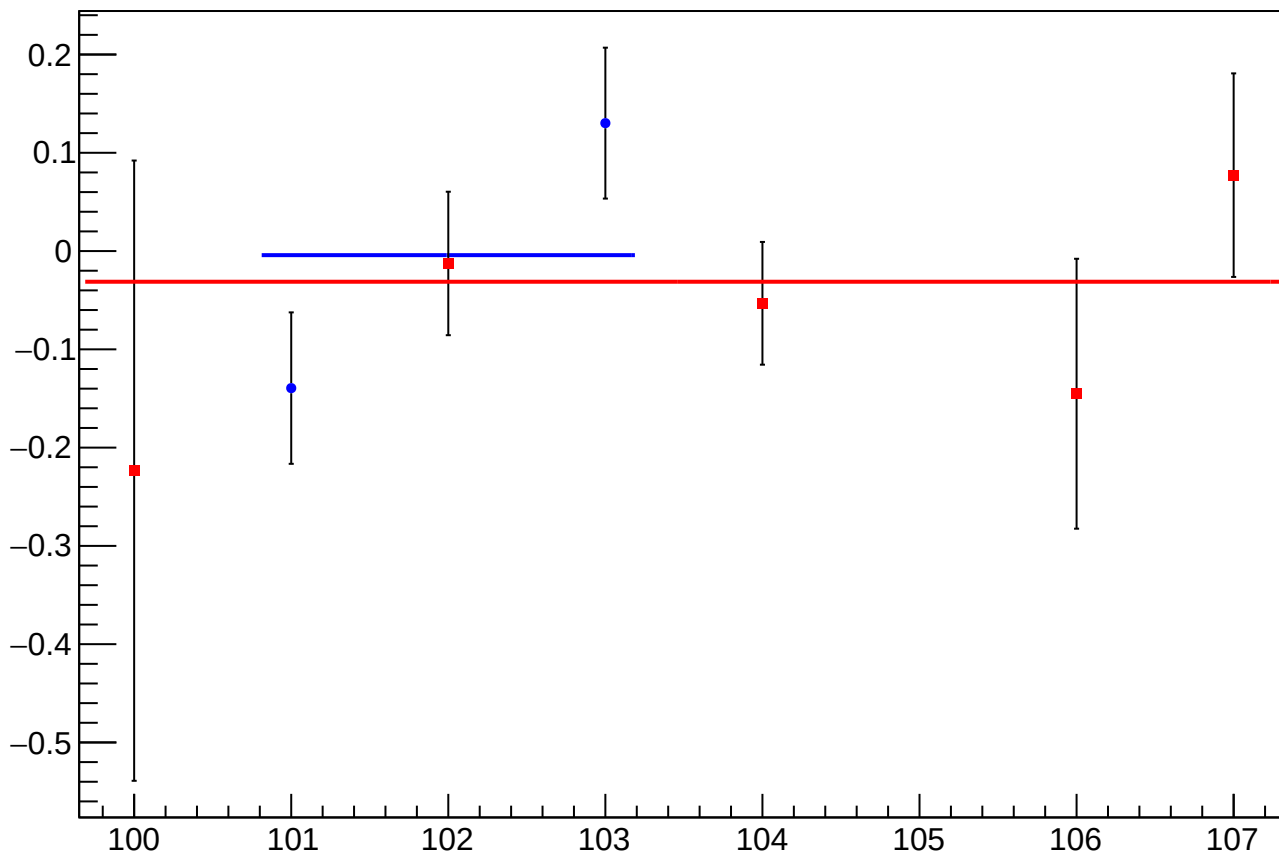
Right: 55.265+/-0.023 χ^2/NDF : 133834.7/6

In: 60.596+/-0.038 χ^2/NDF : 1291.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.265+/-0.023 χ^2/NDF : 133834.7/6

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.054 χ^2 /NDF: 6.1/1

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

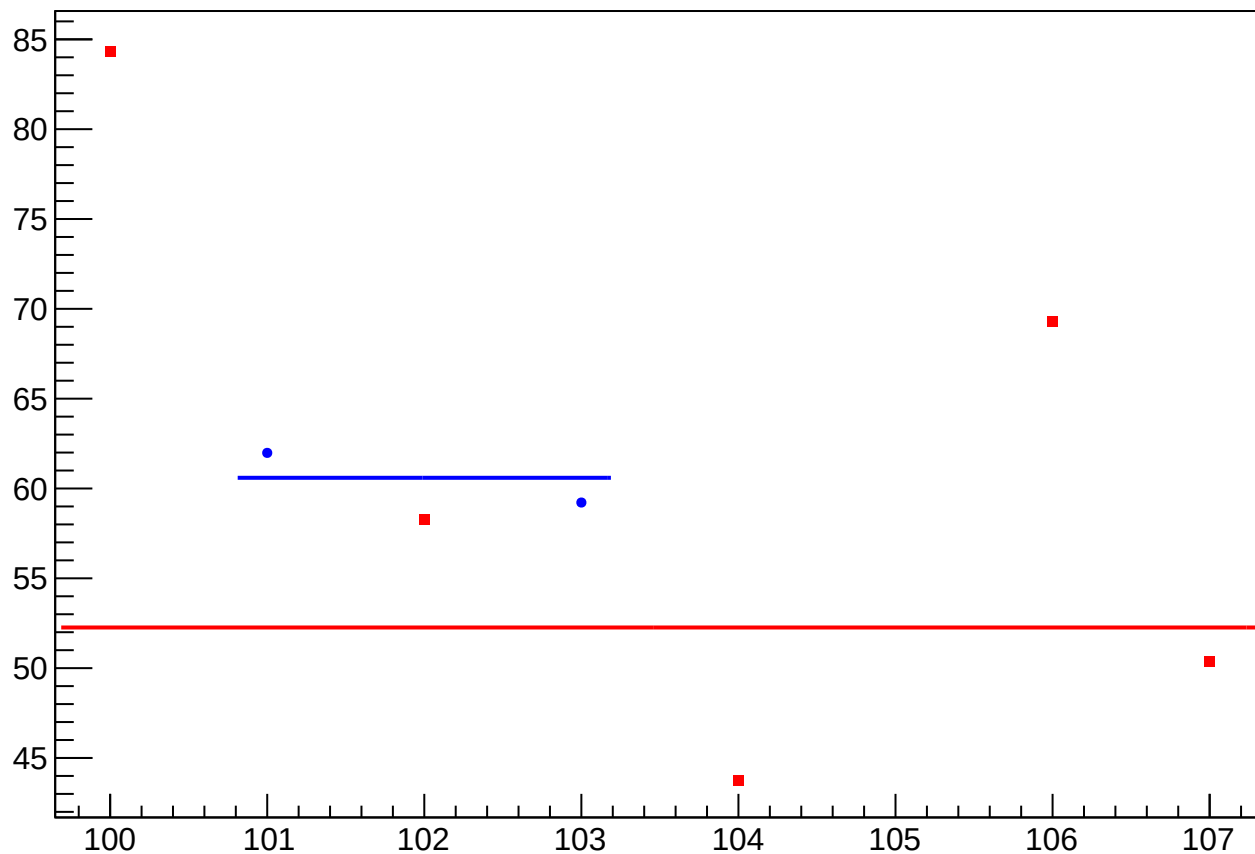
Right: -0.021 $\pm$ 0.033 χ^2 /NDF: 8.6/6

In: -0.004 $\pm$ 0.054 χ^2 /NDF:6.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.021 $\pm$ 0.033 χ^2 /NDF: 8.6/6

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.596+/-0.038 χ^2/NDF : 1291.6/1

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

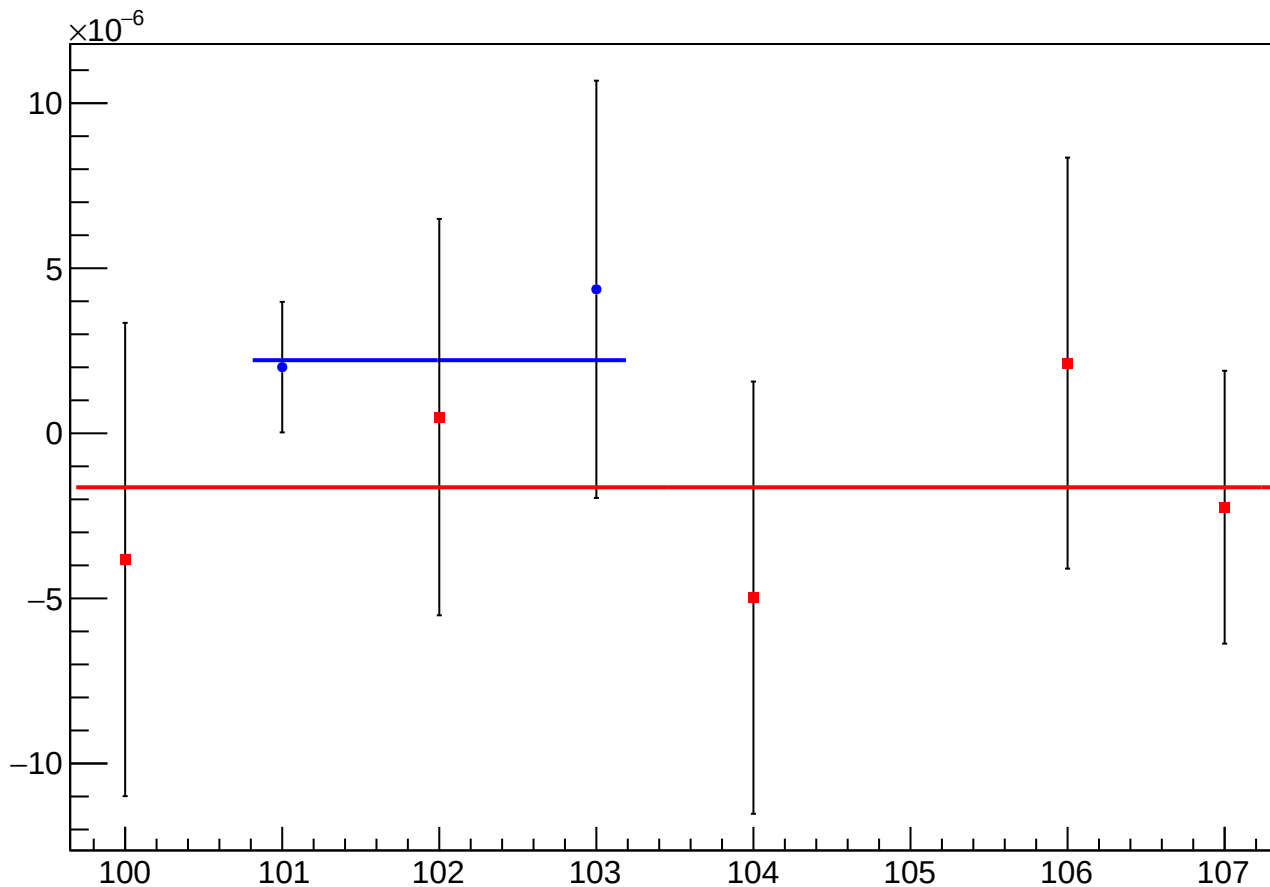
Right: 55.265+/-0.023 χ^2/NDF : 133834.7/6

In: 60.596+/-0.038 χ^2/NDF : 1291.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.265+/-0.023 χ^2/NDF : 133834.7/6

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: 0.1/1

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

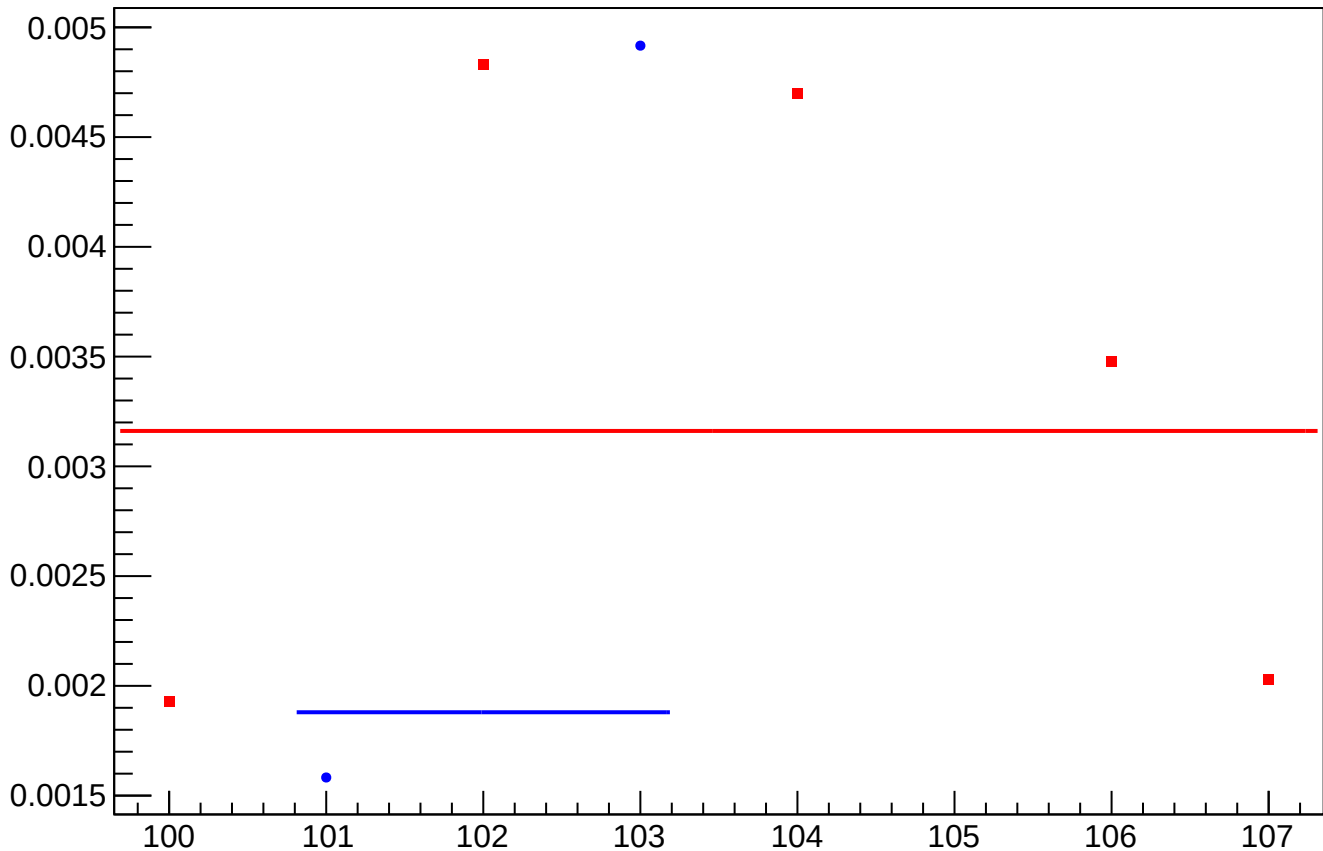
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.5/6

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.5/6

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 507018.4/1

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

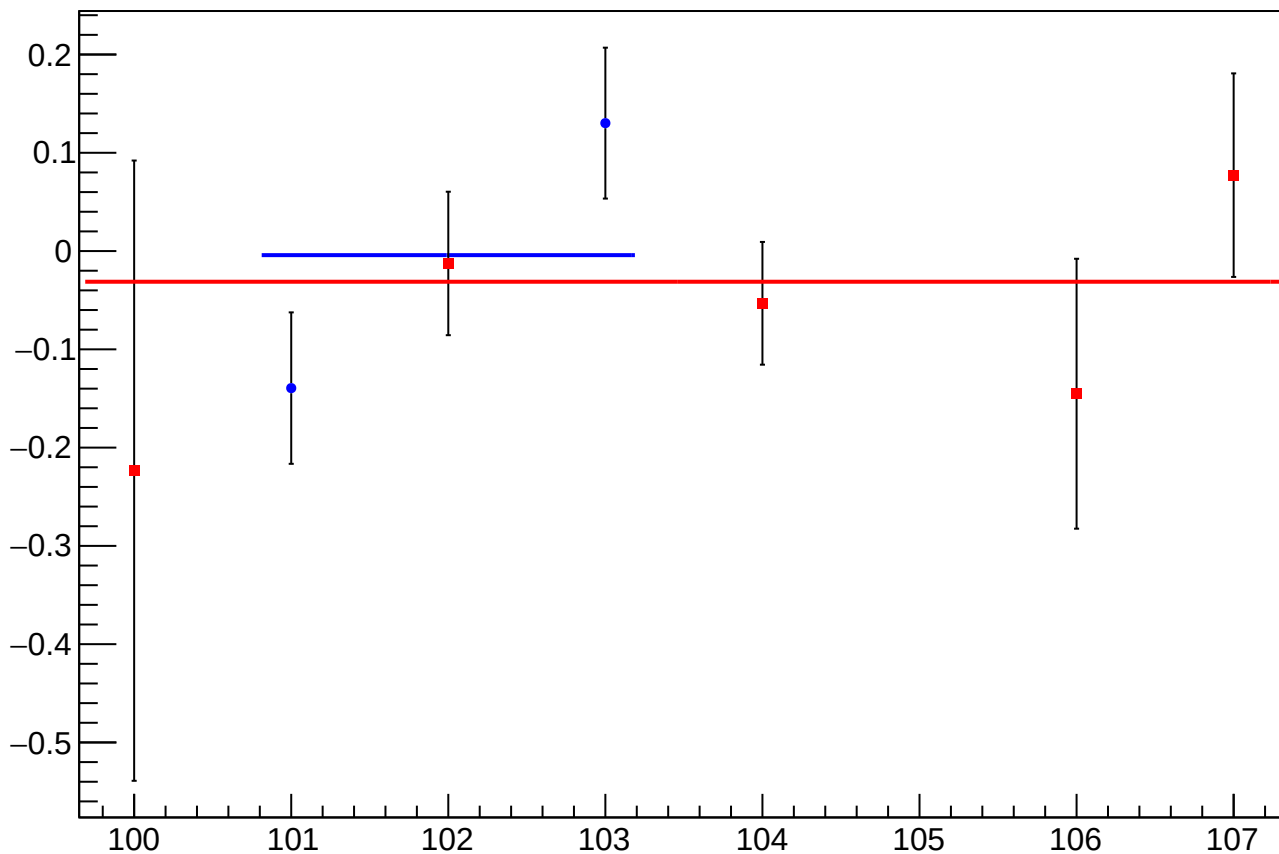
Right: 0.002+/-0.000 χ^2/NDF : 1315678.1/6

In: 0.002+/-0.000 χ^2/NDF : 507018.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1315678.1/6

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.054 χ^2 /NDF: 6.1/1

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

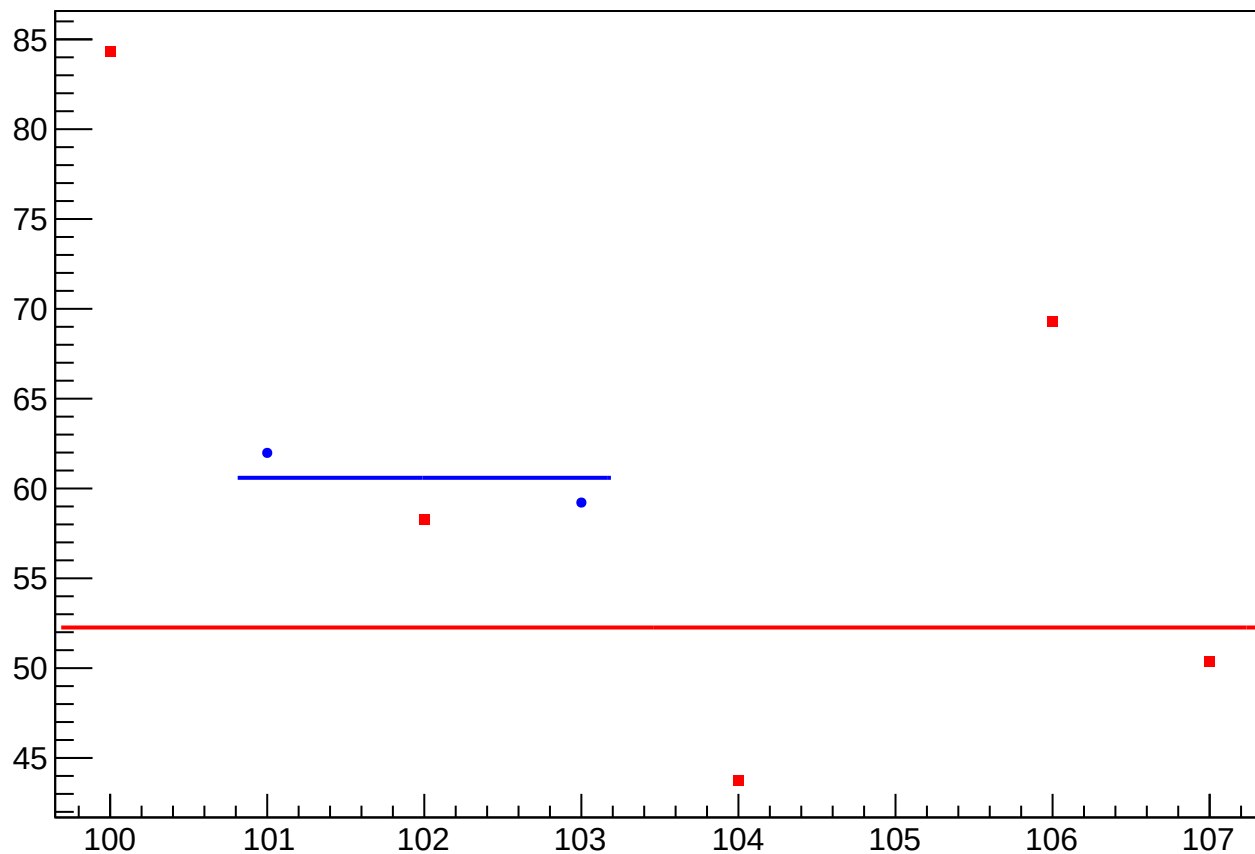
Right: -0.021 $\pm$ 0.033 χ^2 /NDF: 8.6/6

In: -0.004 $\pm$ 0.054 χ^2 /NDF:6.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.021 $\pm$ 0.033 χ^2 /NDF: 8.6/6

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.595+/-0.038 χ^2/NDF : 1293.3/1

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

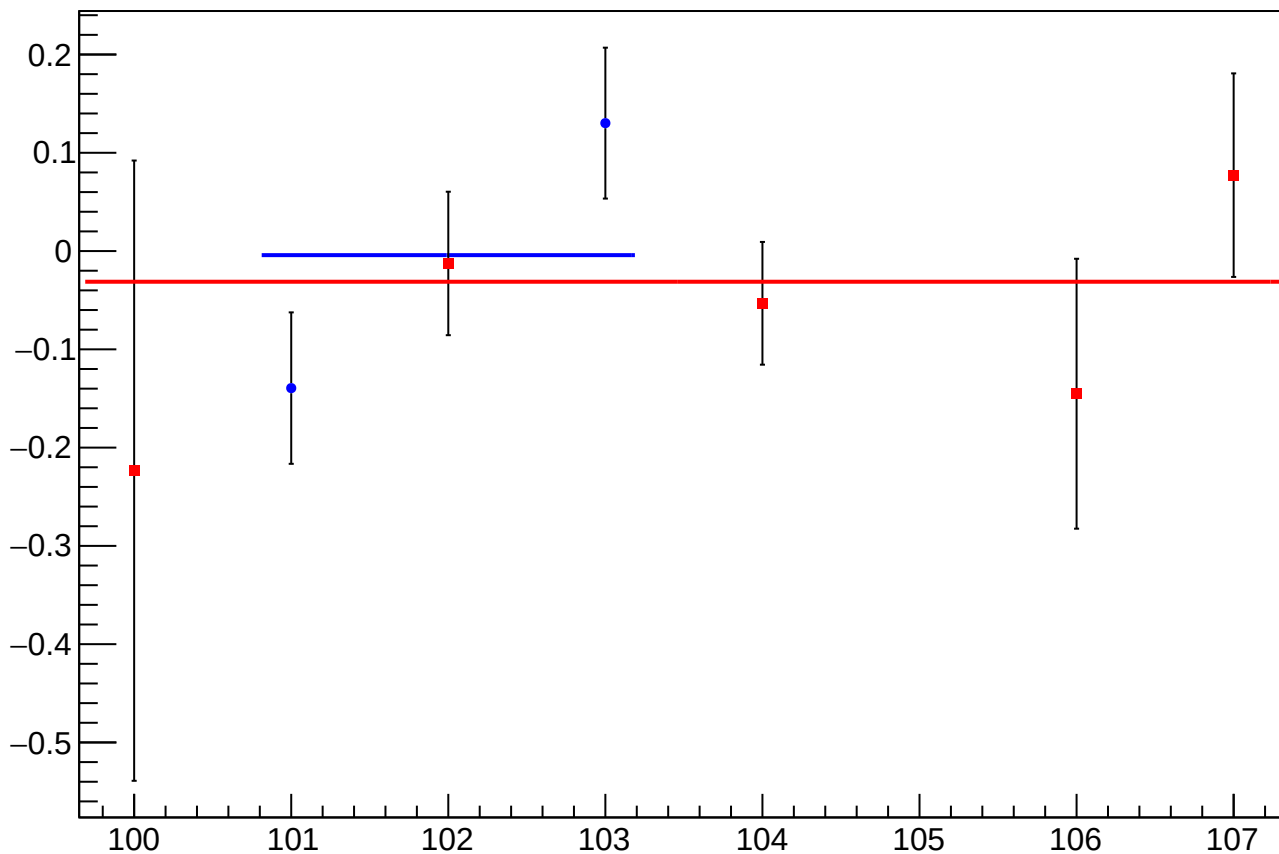
Right: 55.264+/-0.023 χ^2/NDF : 133830.3/6

In: 60.595+/-0.038 χ^2/NDF : 1293.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.264+/-0.023 χ^2/NDF : 133830.3/6

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 ± 0.054 χ^2/NDF : 6.1/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.031 ± 0.041 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

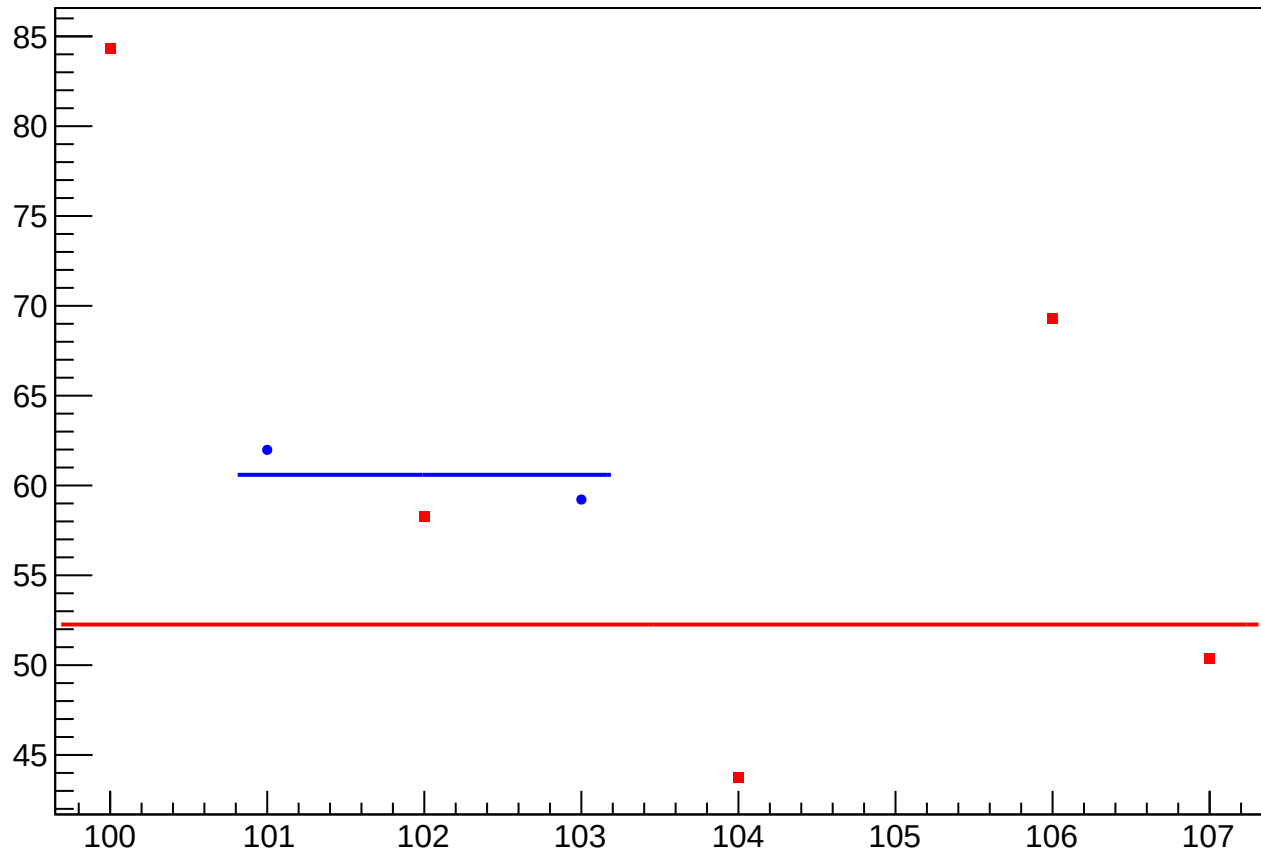
Right: -0.021 ± 0.033 χ^2/NDF : 8.6/6

In: -0.004 ± 0.054 χ^2/NDF : 6.1/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.021 ± 0.033 χ^2/NDF : 8.6/6

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.595+/-0.038 χ^2/NDF : 1293.3/1

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

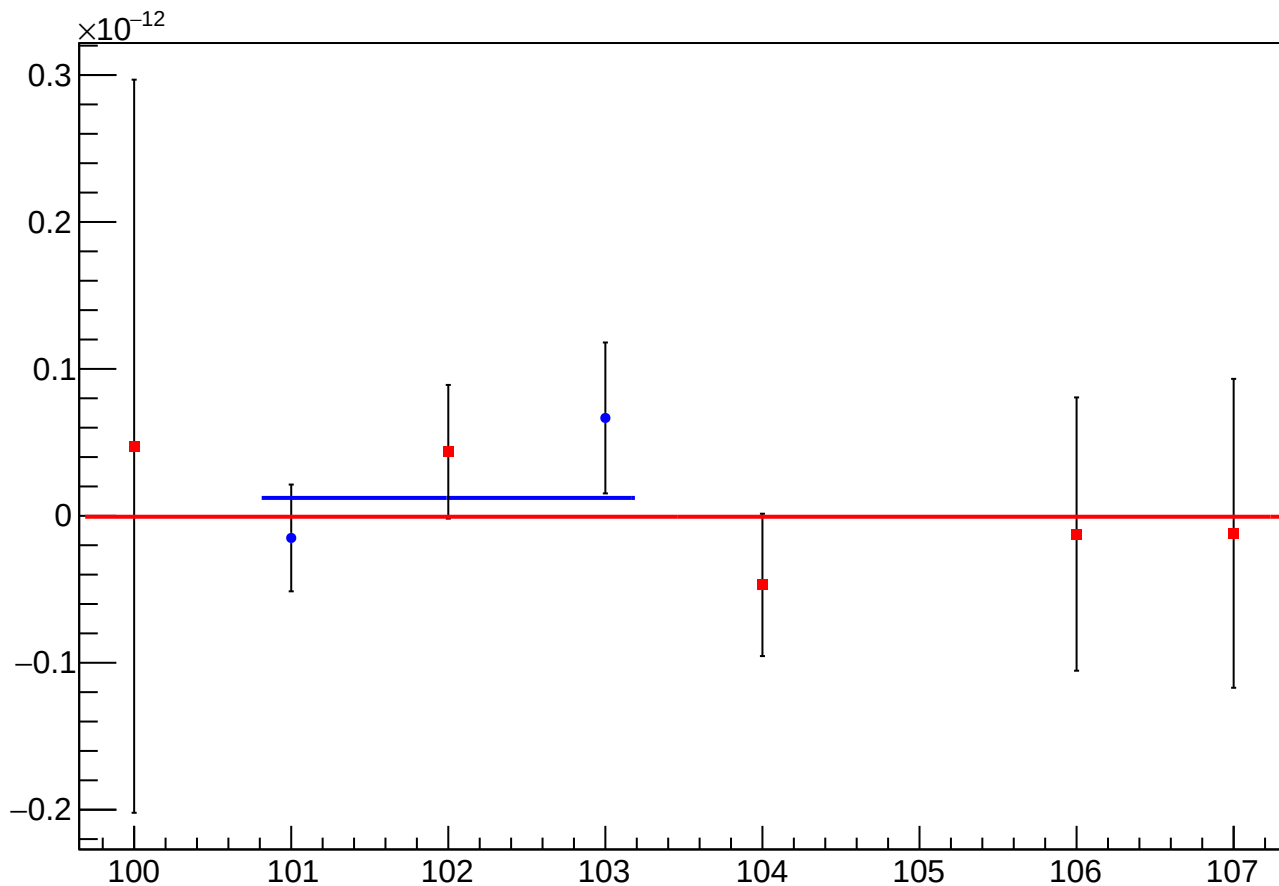
Right: 55.264+/-0.023 χ^2/NDF : 133830.3/6

In: 60.595+/-0.038 χ^2/NDF : 1293.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.264+/-0.023 χ^2/NDF : 133830.3/6

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.7/1

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

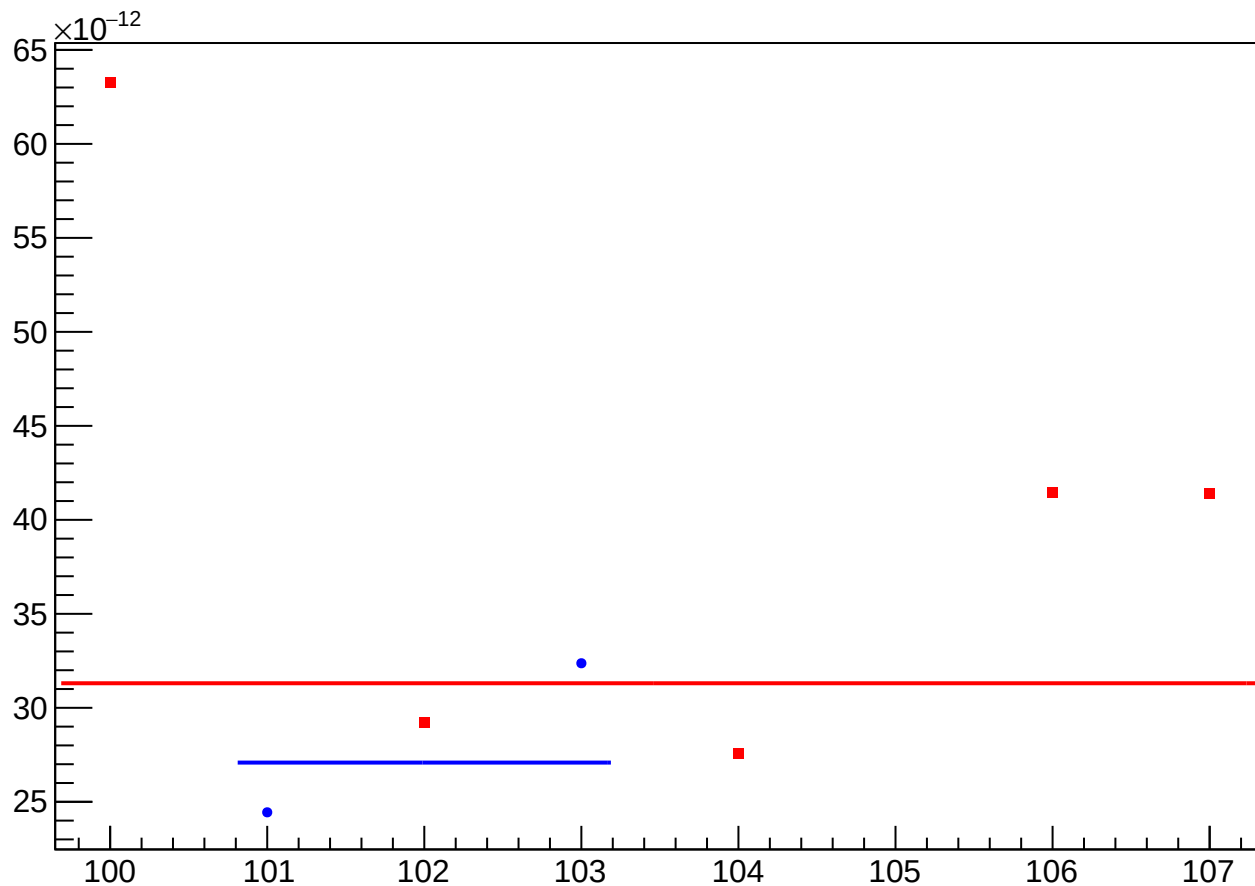
Right: 0.000+/-0.000 χ^2/NDF : 3.7/6

In: 0.000+/-0.000 χ^2/NDF : 1.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.7/6

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 31783.0/1

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

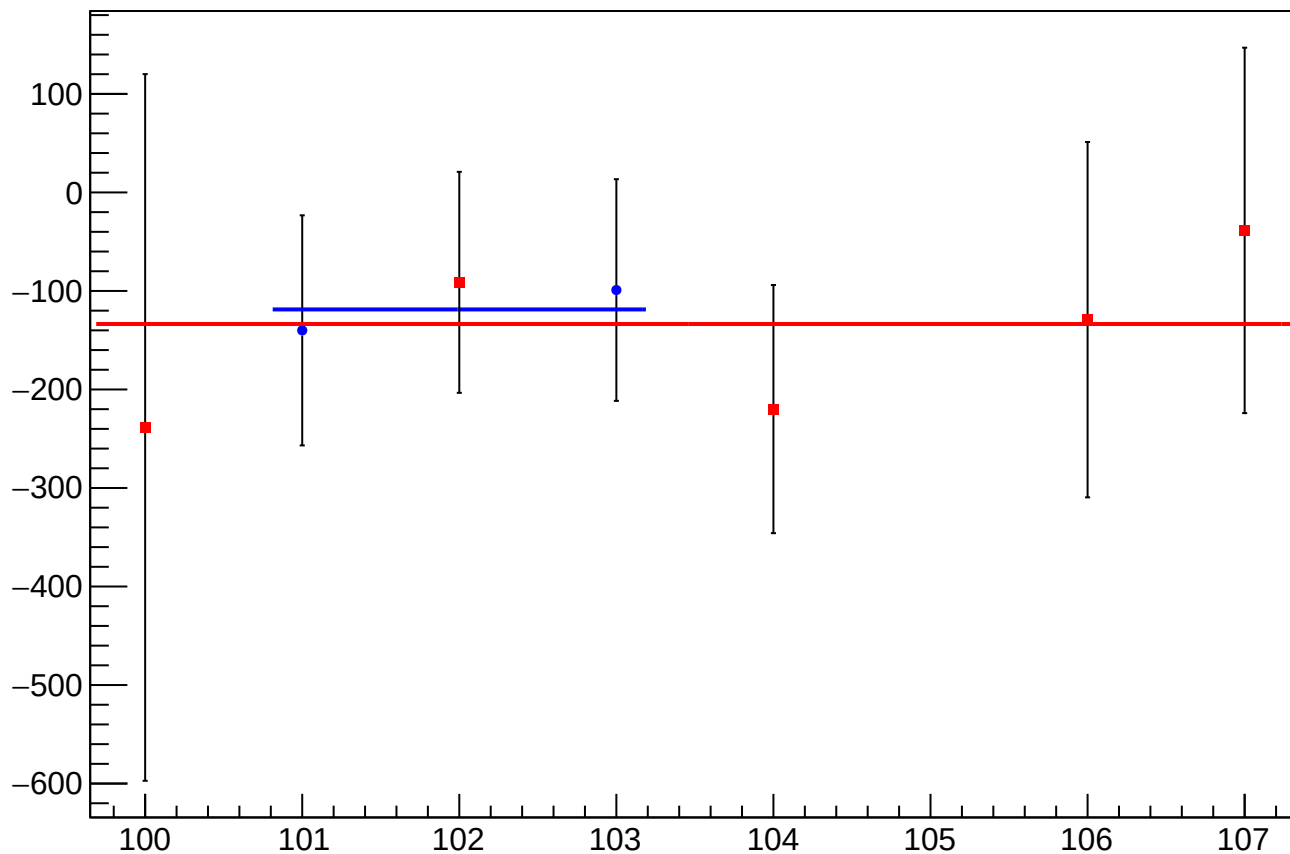
Right: 0.000+/-0.000 χ^2/NDF : 143077.8/6

In: 0.000+/-0.000 χ^2/NDF : 31783.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 143077.8/6

reg_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -118.766 $\pm$ 81.015 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -133.549 $\pm$ 68.986 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

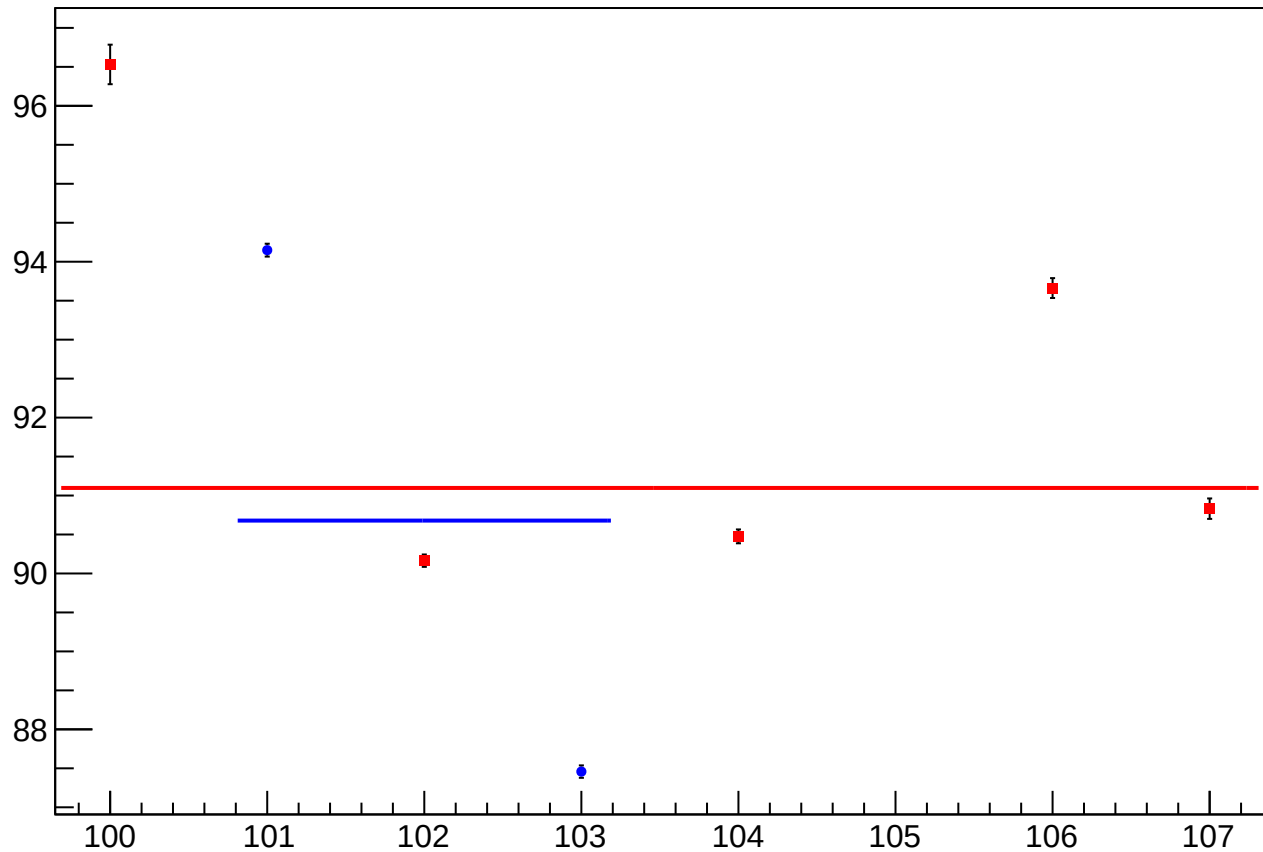
Right: -127.335 $\pm$ 52.524 χ^2 /NDF: 1.0/6

In: -118.766 $\pm$ 81.015 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -127.335 $\pm$ 52.524 χ^2 /NDF: 1.0/6

reg_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 90.679 ± 0.057 $\chi^2/\text{NDF}: 3405.2/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 91.097 ± 0.049 $\chi^2/\text{NDF}: 1054.7/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

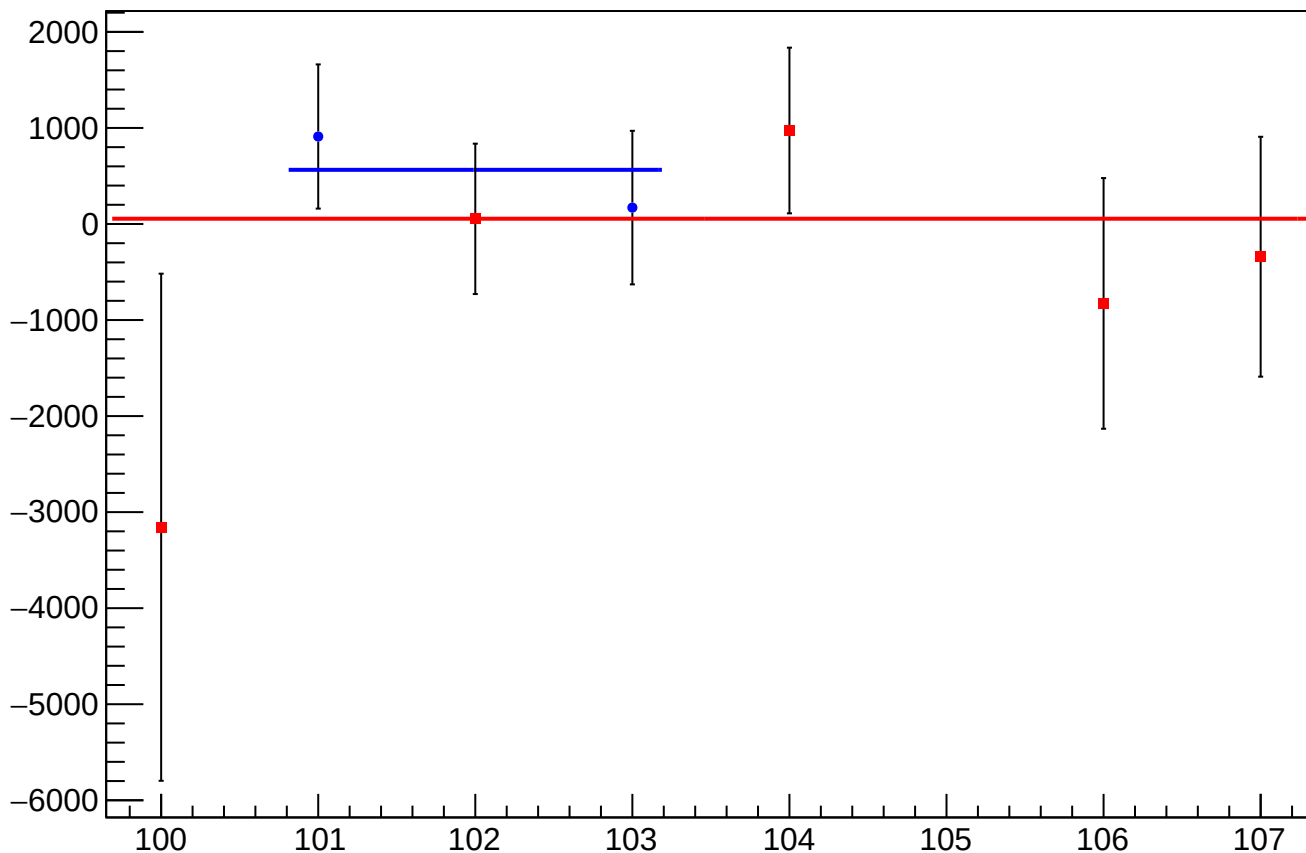
Right: 90.921 ± 0.037 $\chi^2/\text{NDF}: 4490.9/6$

In: 90.679 ± 0.057 $\chi^2/\text{NDF}: 3405.2/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 90.921 ± 0.037 $\chi^2/\text{NDF}: 4490.9/6$

asym_sam_37_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 563.978+/-547.236 χ^2/NDF : 0.5/1

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

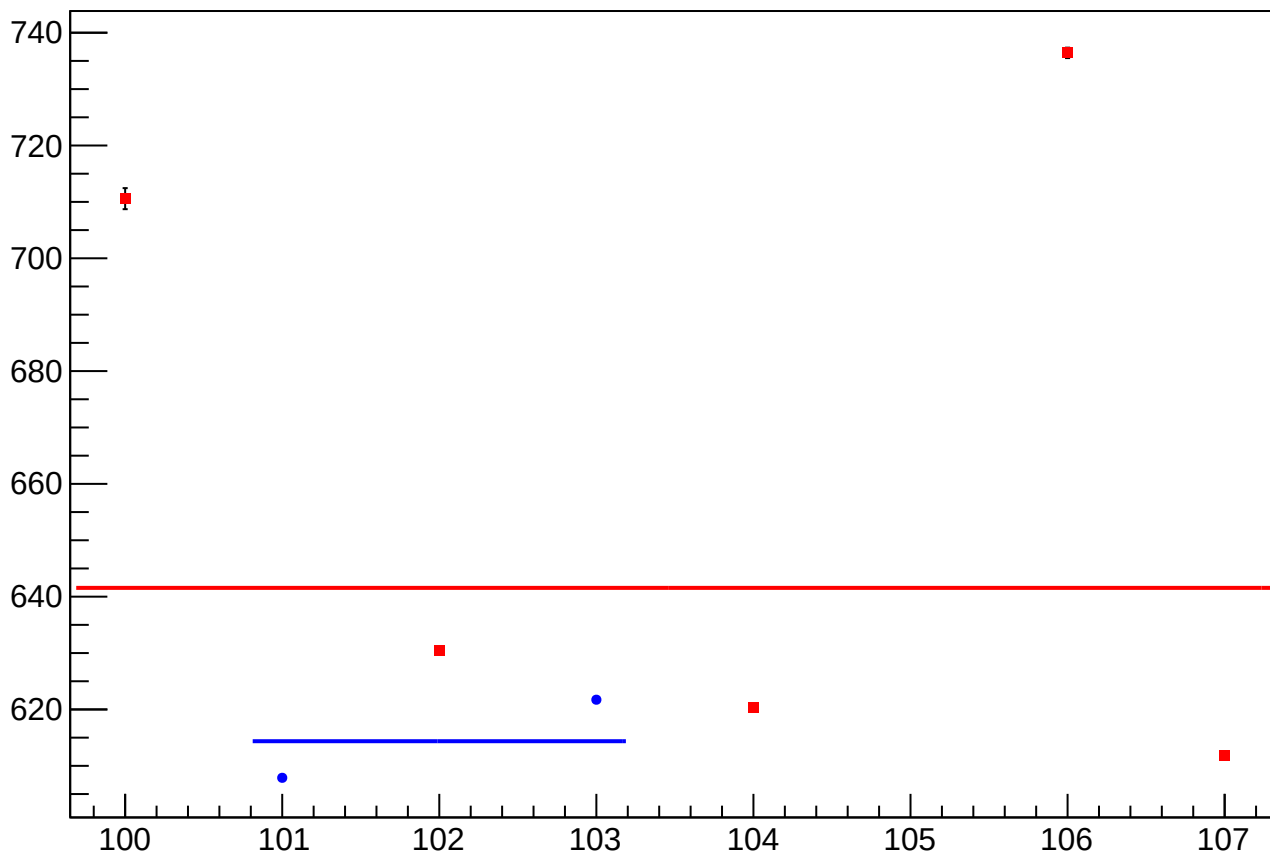
Right: 276.012+/-360.679 χ^2/NDF : 4.1/6

In: 563.978+/-547.236 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 276.012+/-360.679 χ^2/NDF : 4.1/6

asym_sam_37_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 614.369+/-0.387 χ^2/NDF : 318.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 641.559+/-0.339 χ^2/NDF : 14675.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

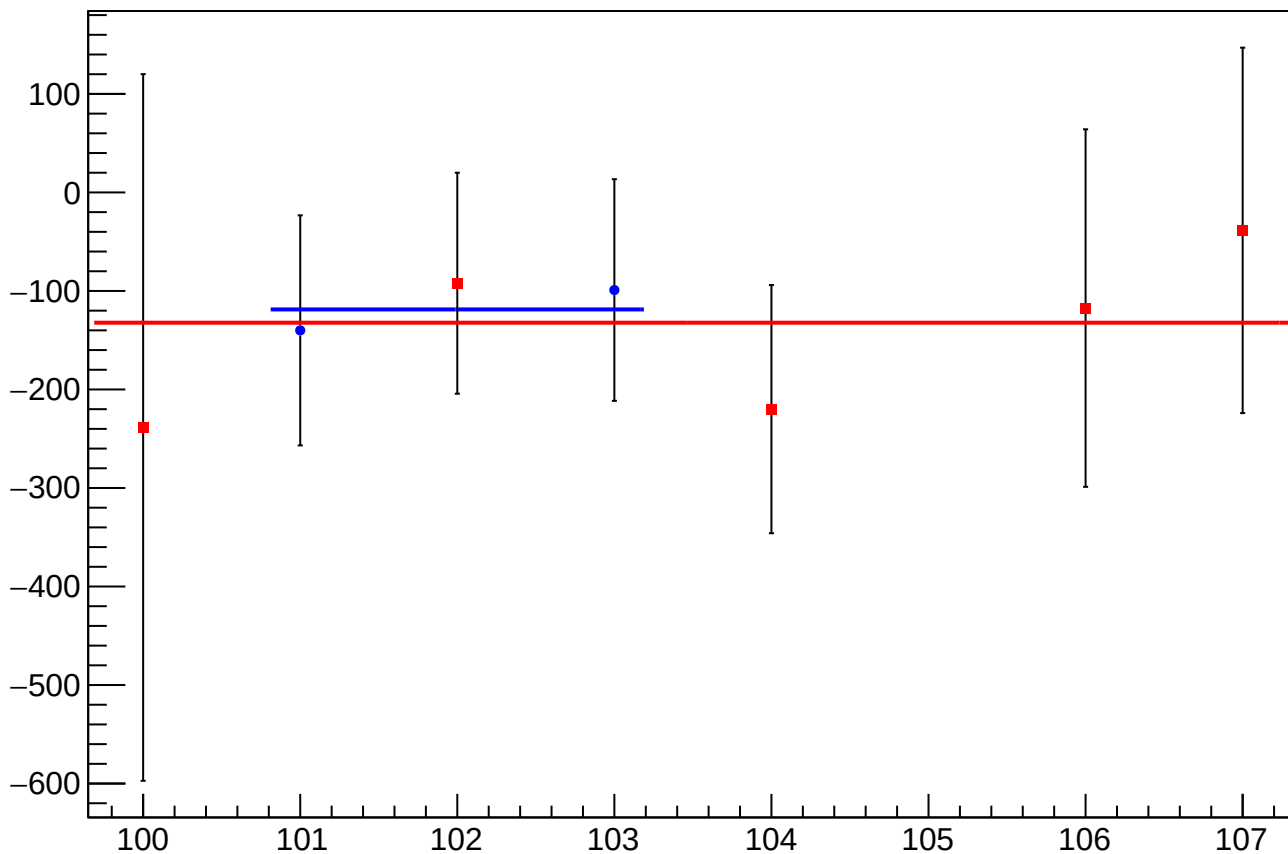
Right: 629.747+/-0.255 χ^2/NDF : 17787.4/6

In: 614.369+/-0.387 χ^2/NDF : 318.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 629.747+/-0.255 χ^2/NDF : 17787.4/6

cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -118.762 $\pm$ 81.015 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -132.210 $\pm$ 69.051 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

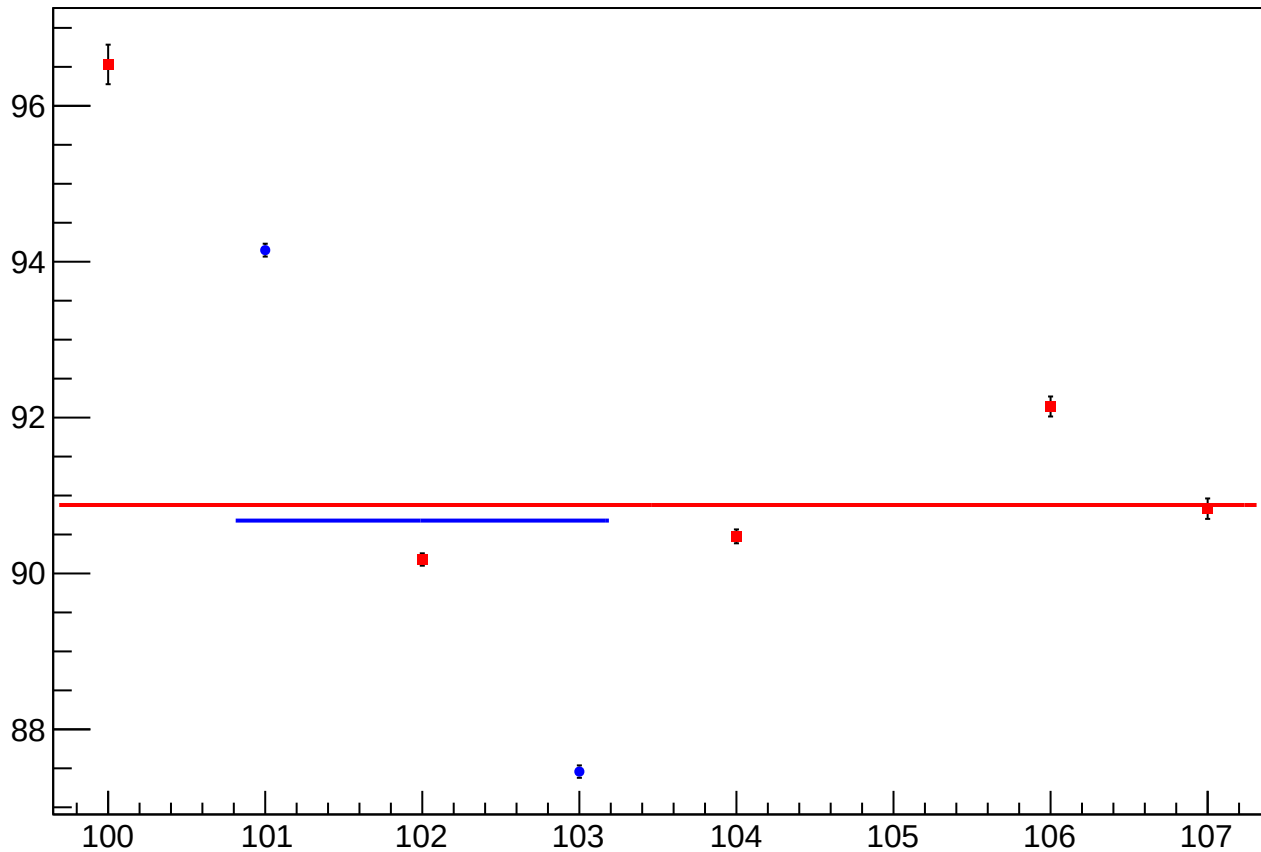
Right: -126.551 $\pm$ 52.553 χ^2 /NDF: 1.0/6

In: -118.762 $\pm$ 81.015 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -126.551 $\pm$ 52.553 χ^2 /NDF: 1.0/6

cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 90.679+/-0.057 χ^2/NDF : 3405.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.879+/-0.049 χ^2/NDF : 692.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

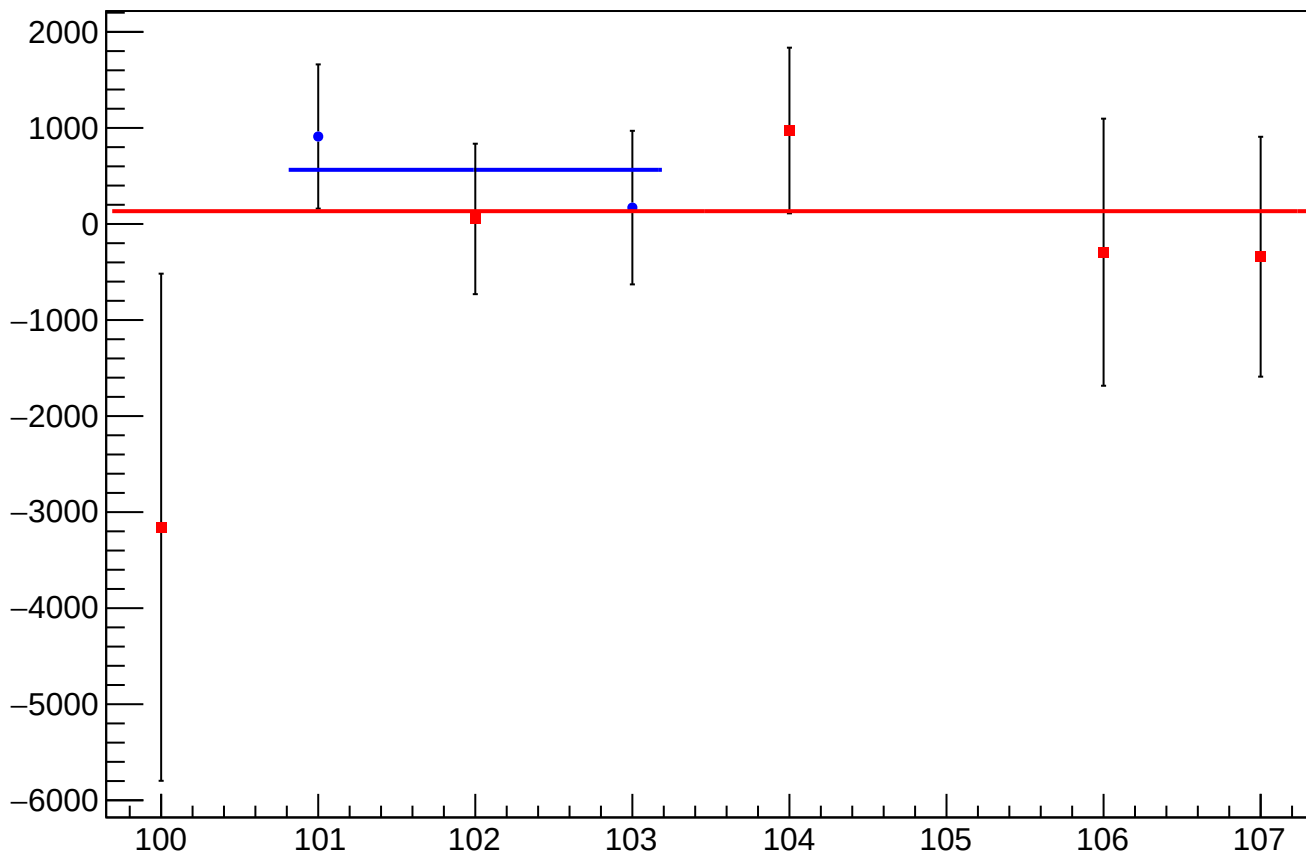
Right: 90.794+/-0.037 χ^2/NDF : 4104.4/6

In: 90.679+/-0.057 χ^2/NDF : 3405.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.794+/-0.037 χ^2/NDF : 4104.4/6

asym_sam_37_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 563.932+/-547.241 χ^2 /NDF: 0.5/1

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

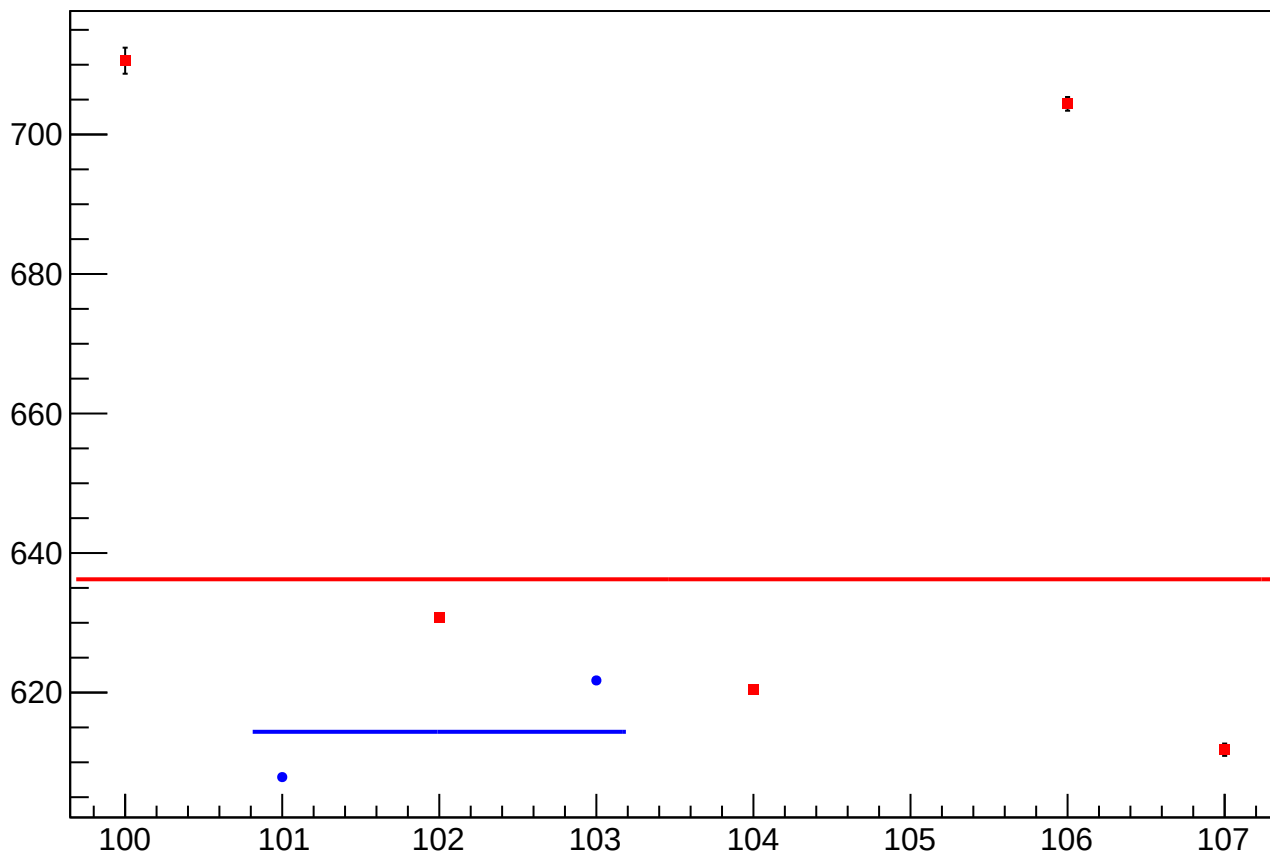
Right: 322.155+/-362.363 χ^2 /NDF: 3.6/6

In: 563.932+/-547.241 χ^2 /NDF:0.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 322.155+/-362.363 χ^2 /NDF: 3.6/6

asym_sam_37_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 614.374+/-0.387 χ^2/NDF : 319.3/1

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

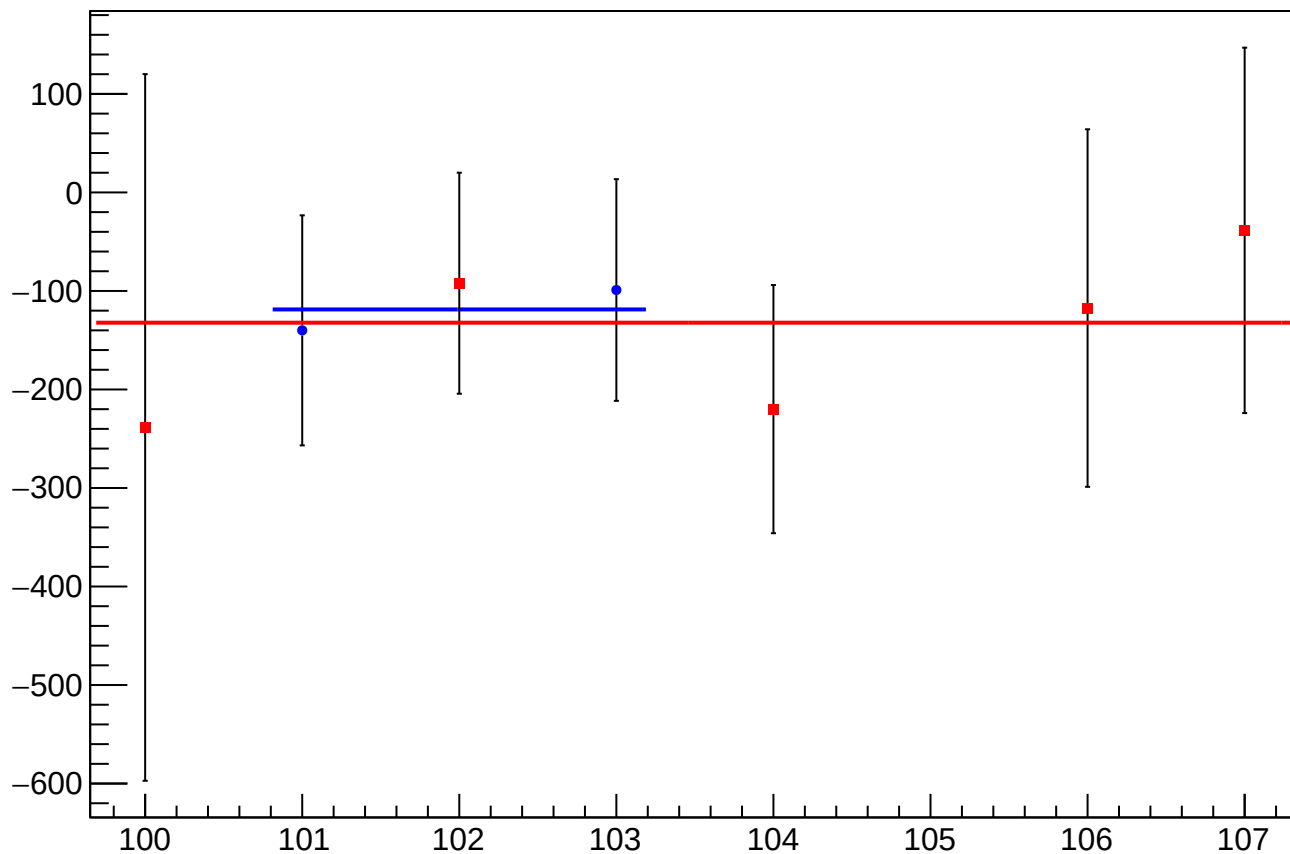
Right: 626.650+/-0.256 χ^2/NDF : 10041.8/6

In: 614.374+/-0.387 χ^2/NDF : 319.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 626.650+/-0.256 χ^2/NDF : 10041.8/6

eigen_cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -118.762 $\pm$ 81.015 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -132.210 $\pm$ 69.051 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

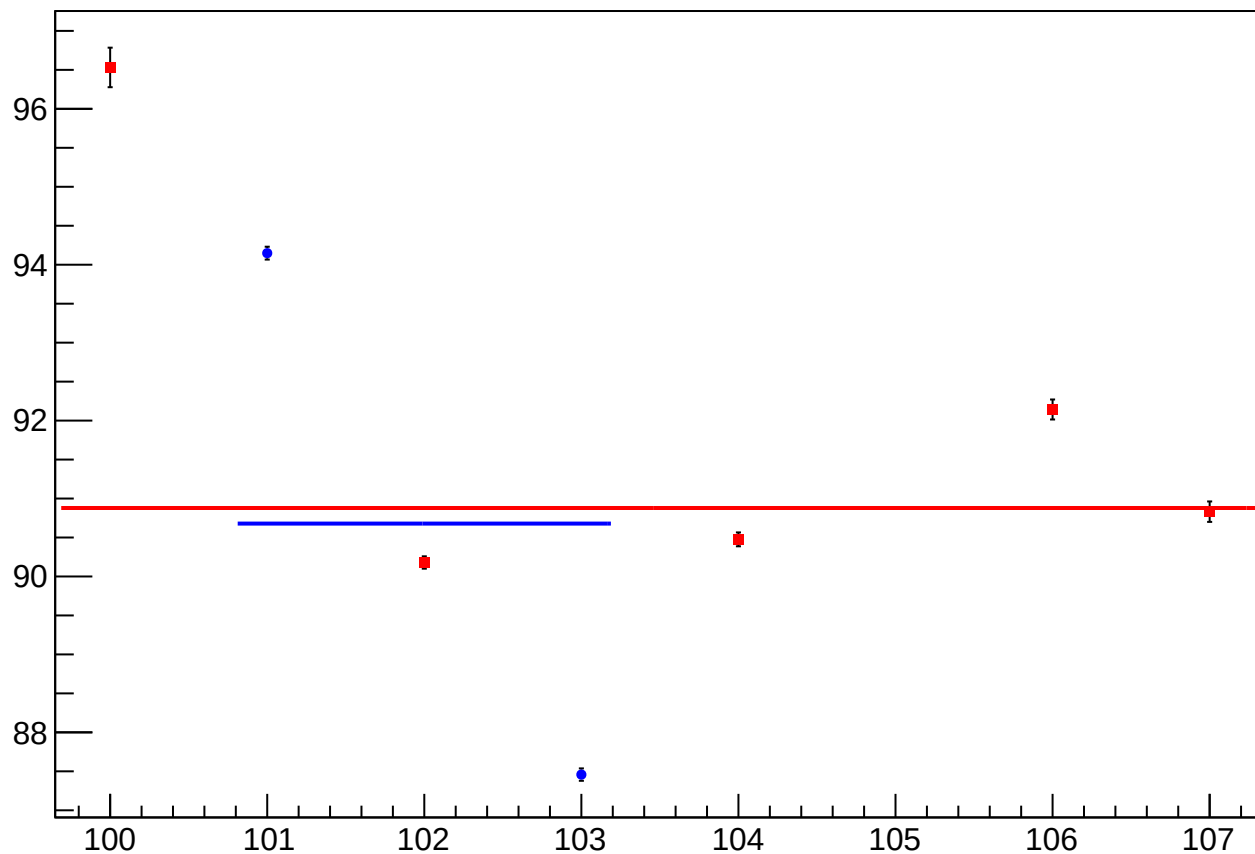
Right: -126.551 $\pm$ 52.553 χ^2 /NDF: 1.0/6

In: -118.762 $\pm$ 81.015 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -126.551 $\pm$ 52.553 χ^2 /NDF: 1.0/6

eigen_cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 90.679+/-0.057 χ^2/NDF : 3405.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.879+/-0.049 χ^2/NDF : 692.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

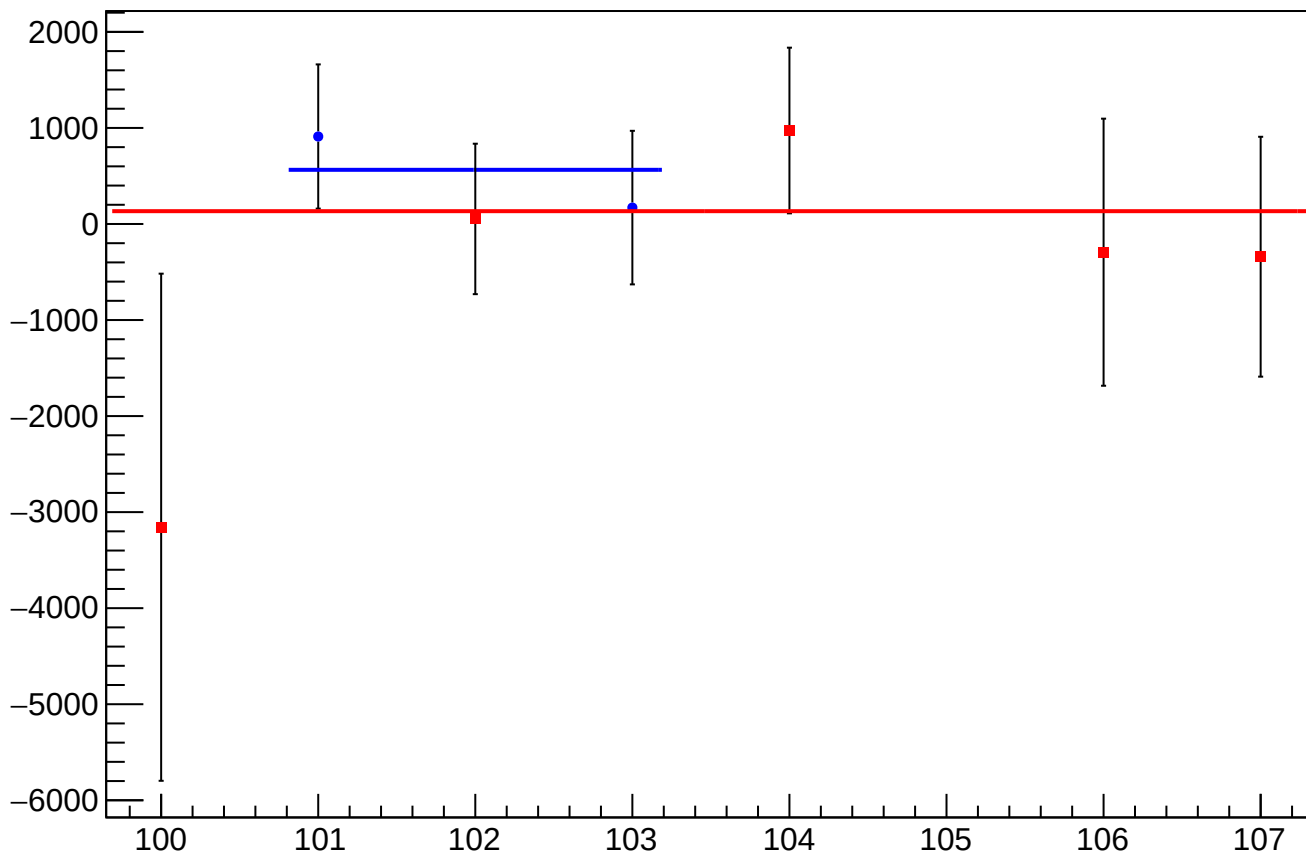
Right: 90.794+/-0.037 χ^2/NDF : 4104.4/6

In: 90.679+/-0.057 χ^2/NDF : 3405.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.794+/-0.037 χ^2/NDF : 4104.4/6

asym_sam_37_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 563.932 $\pm$ 547.241 χ^2 /NDF: 0.5/1

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

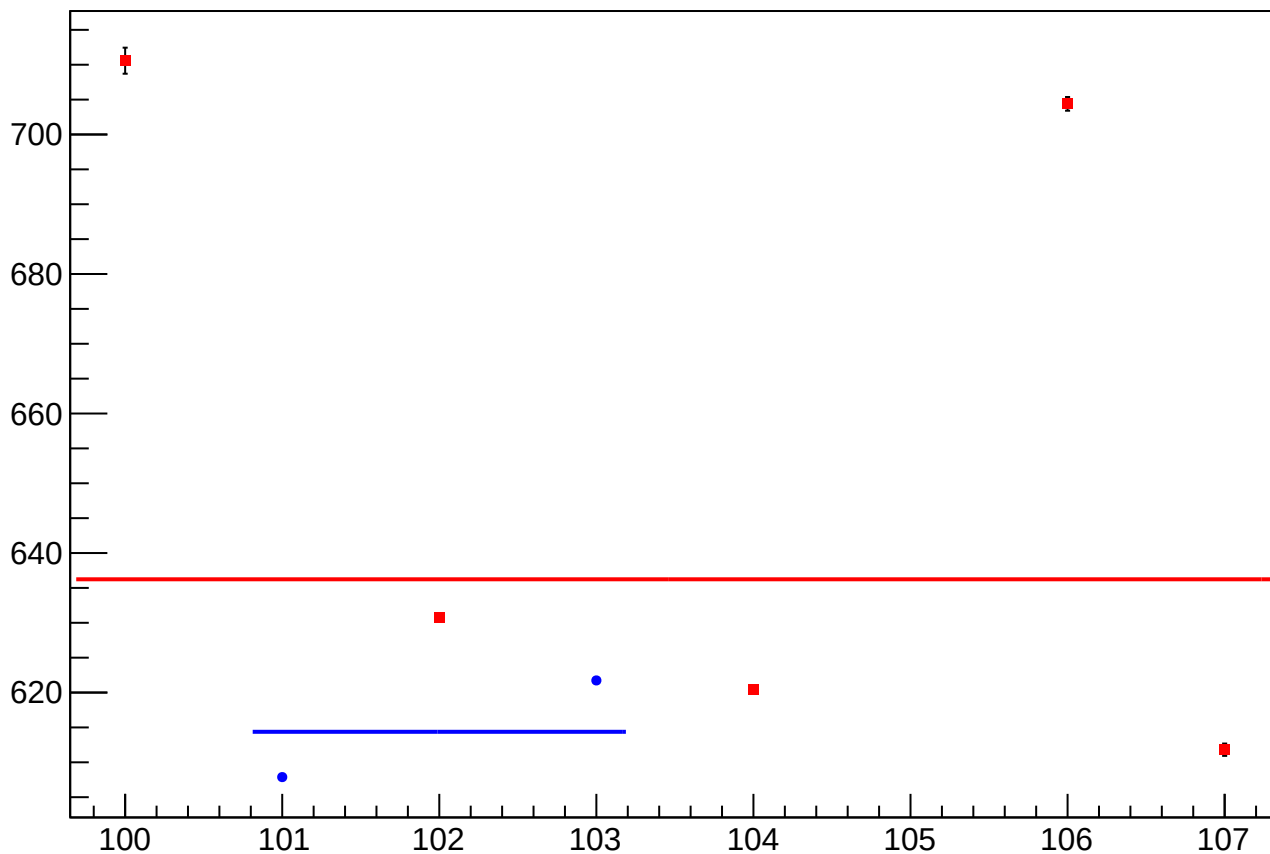
Right: 322.155 $\pm$ 362.363 χ^2 /NDF: 3.6/6

In: 563.932 $\pm$ 547.241 χ^2 /NDF: 0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 322.155 $\pm$ 362.363 χ^2 /NDF: 3.6/6

asym_sam_37_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 614.374+/-0.387 χ^2/NDF : 319.3/1

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

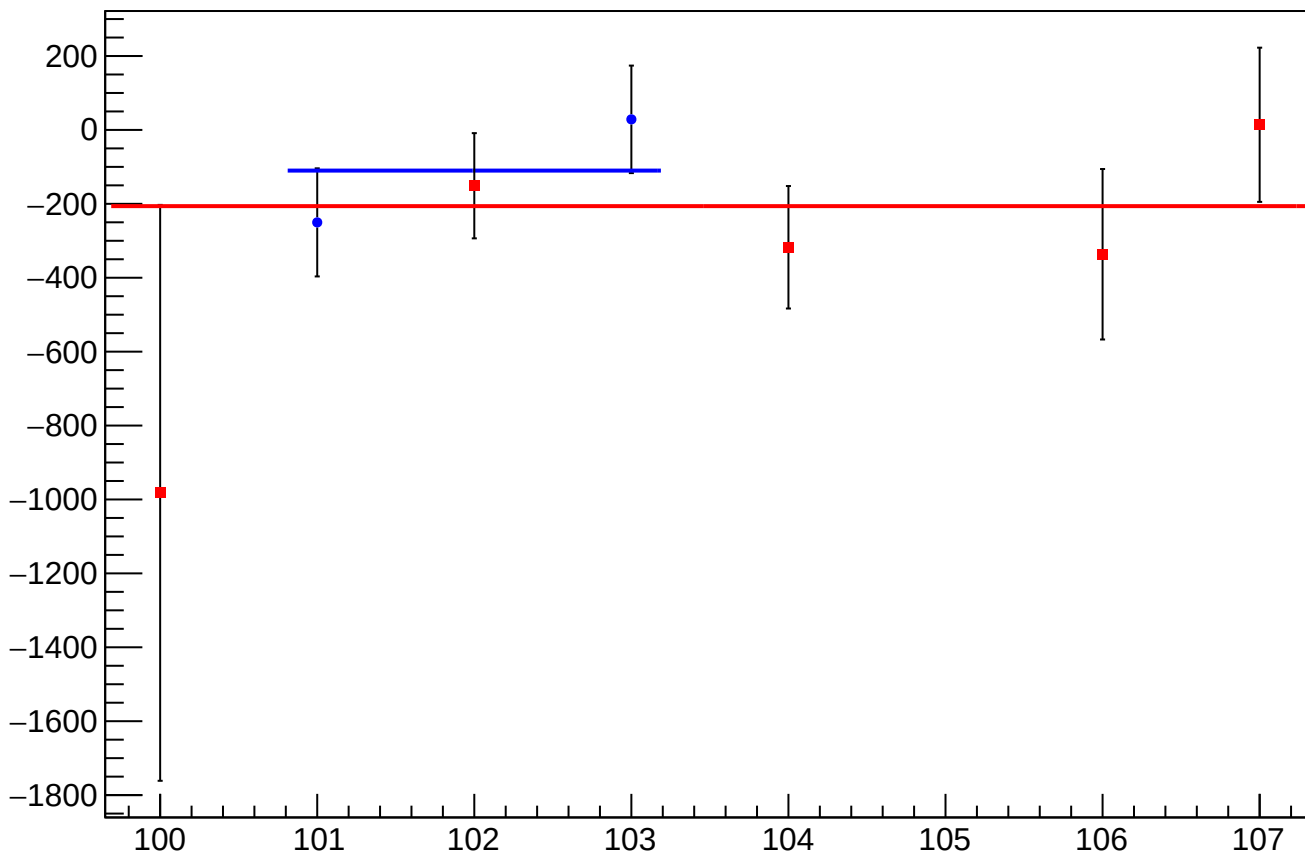
Right: 626.650+/-0.256 χ^2/NDF : 10041.8/6

In: 614.374+/-0.387 χ^2/NDF : 319.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 626.650+/-0.256 χ^2/NDF : 10041.8/6

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -110.050+/-103.134 χ^2 /NDF: 1.8/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -206.223+/-87.990 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

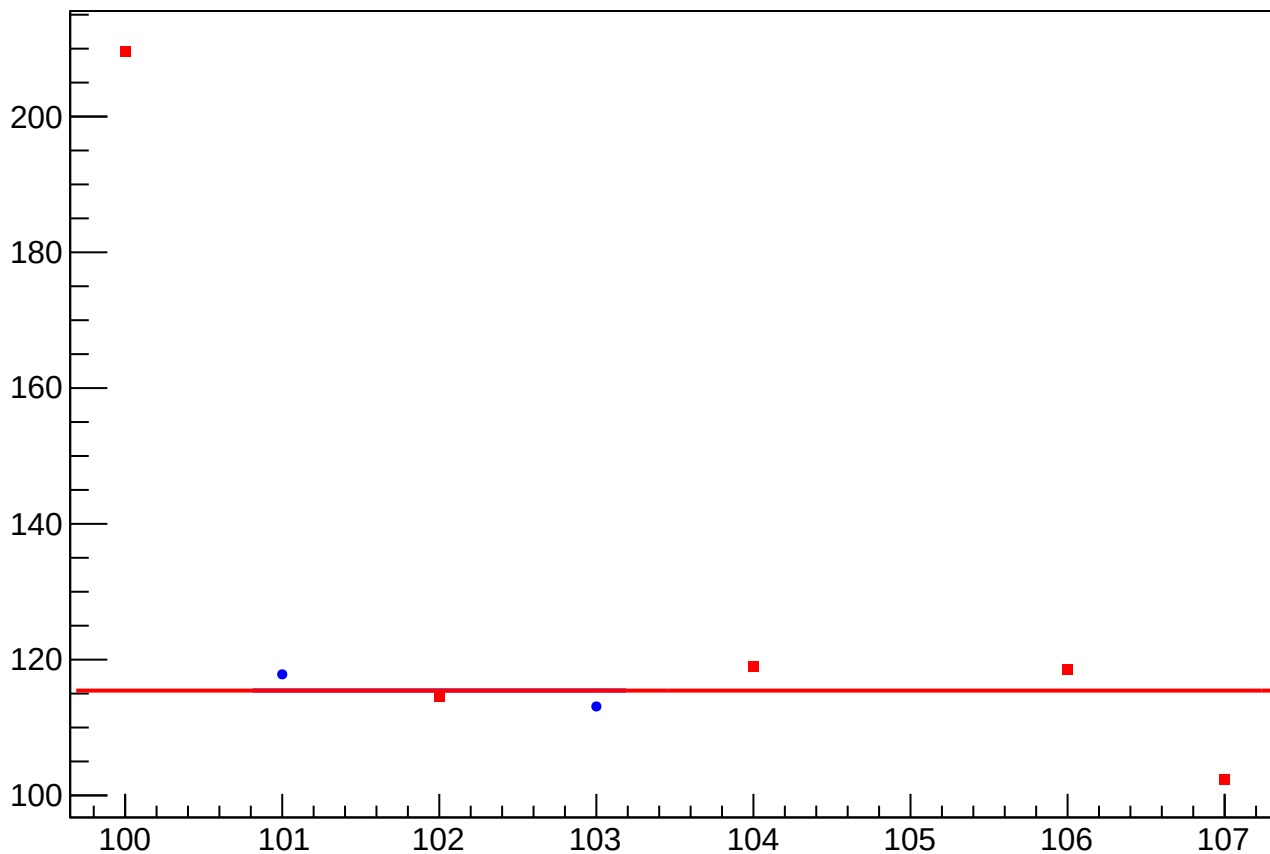
Right: -165.709+/-66.938 χ^2 /NDF: 5.4/6

In: -110.050+/-103.134 χ^2 /NDF:1.8/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -165.709+/-66.938 χ^2 /NDF: 5.4/6

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 115.457+/-0.073 χ^2/NDF : 1052.3/1

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

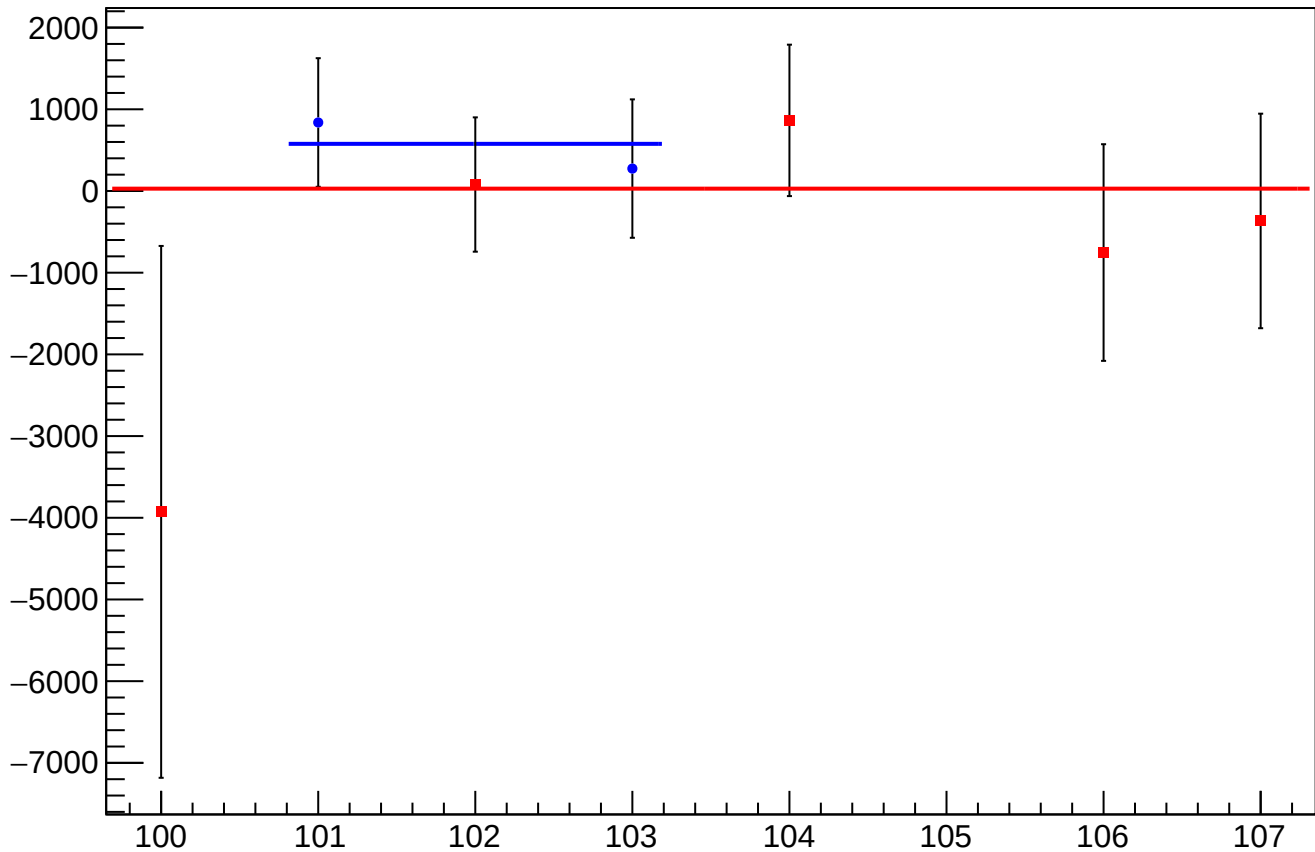
Right: 115.447+/-0.047 χ^2/NDF : 39574.0/6

In: 115.457+/-0.073 χ^2/NDF : 1052.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.447+/-0.047 χ^2/NDF : 39574.0/6

asym_sam_37_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 577.063+/-576.638 χ^2/NDF : 0.2/1

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

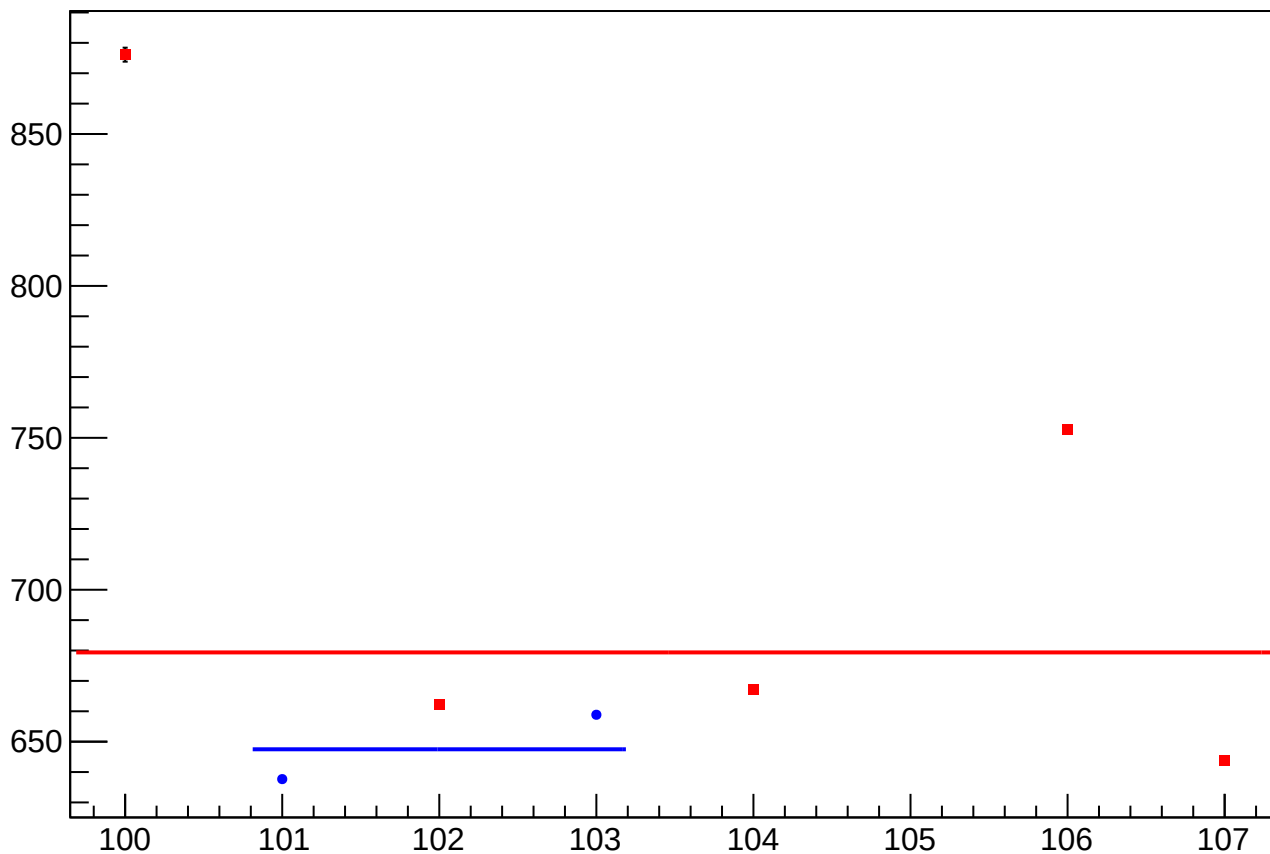
Right: 267.845+/-380.839 χ^2/NDF : 3.5/6

In: 577.063+/-576.638 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 267.845+/-380.839 χ^2/NDF : 3.5/6

asym_sam_37_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 647.489 $\pm$ 0.408 χ^2 /NDF: 670.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 679.374 $\pm$ 0.359 χ^2 /NDF: 16102.2/4

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

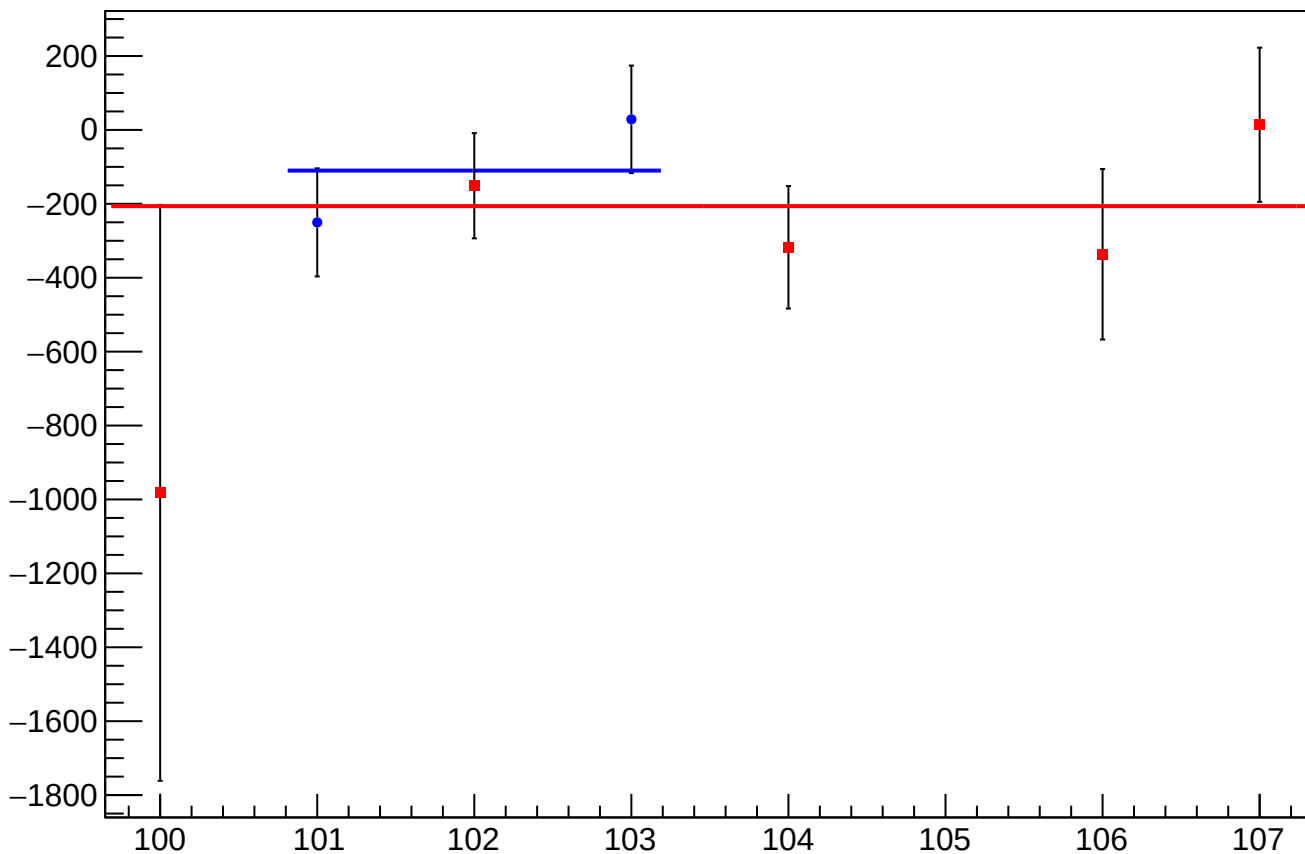
Right: 665.466 $\pm$ 0.269 χ^2 /NDF: 20220.8/6

In: 647.489 $\pm$ 0.408 χ^2 /NDF: 670.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 665.466 $\pm$ 0.269 χ^2 /NDF: 20220.8/6

eigen_dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -110.044+/-103.134 χ^2 /NDF: 1.8/1

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

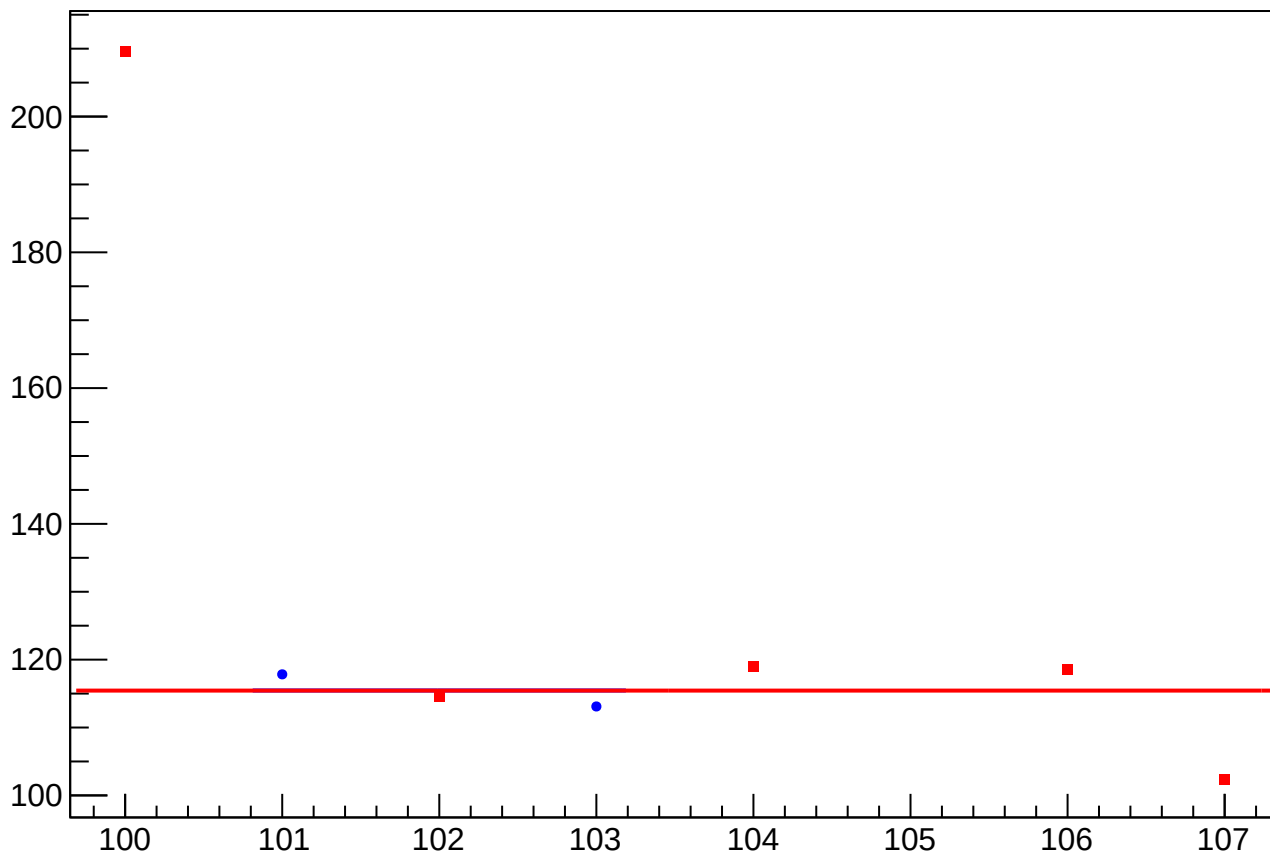
Right: -165.708+/-66.938 χ^2 /NDF: 5.4/6

In: -110.044+/-103.134 χ^2 /NDF:1.8/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -165.708+/-66.938 χ^2 /NDF: 5.4/6

eigen_dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 115.456+/-0.073 χ^2/NDF : 1052.7/1

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

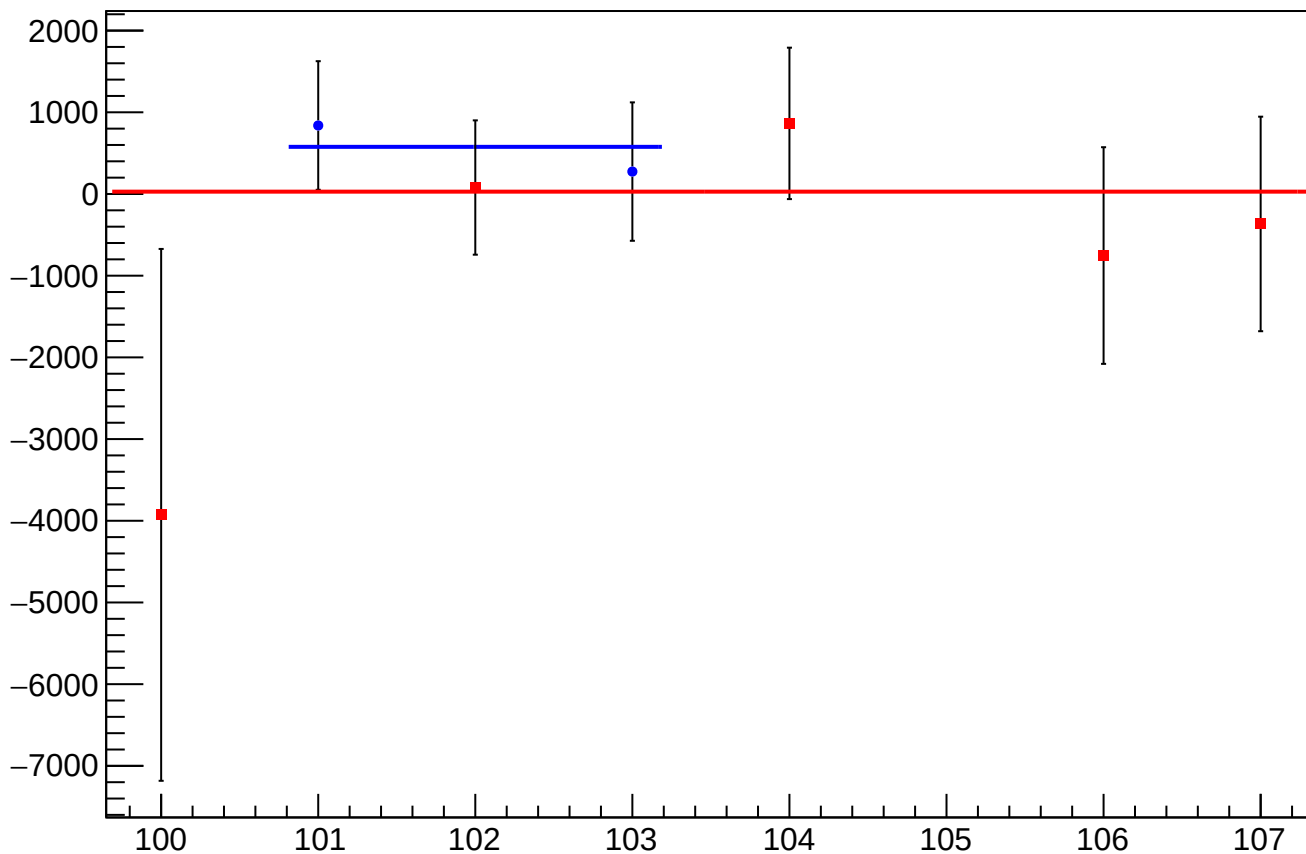
Right: 115.447+/-0.047 χ^2/NDF : 39574.6/6

In: 115.456+/-0.073 χ^2/NDF : 1052.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.447+/-0.047 χ^2/NDF : 39574.6/6

asym_sam_37_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 577.067+/-576.638 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.620+/-507.194 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

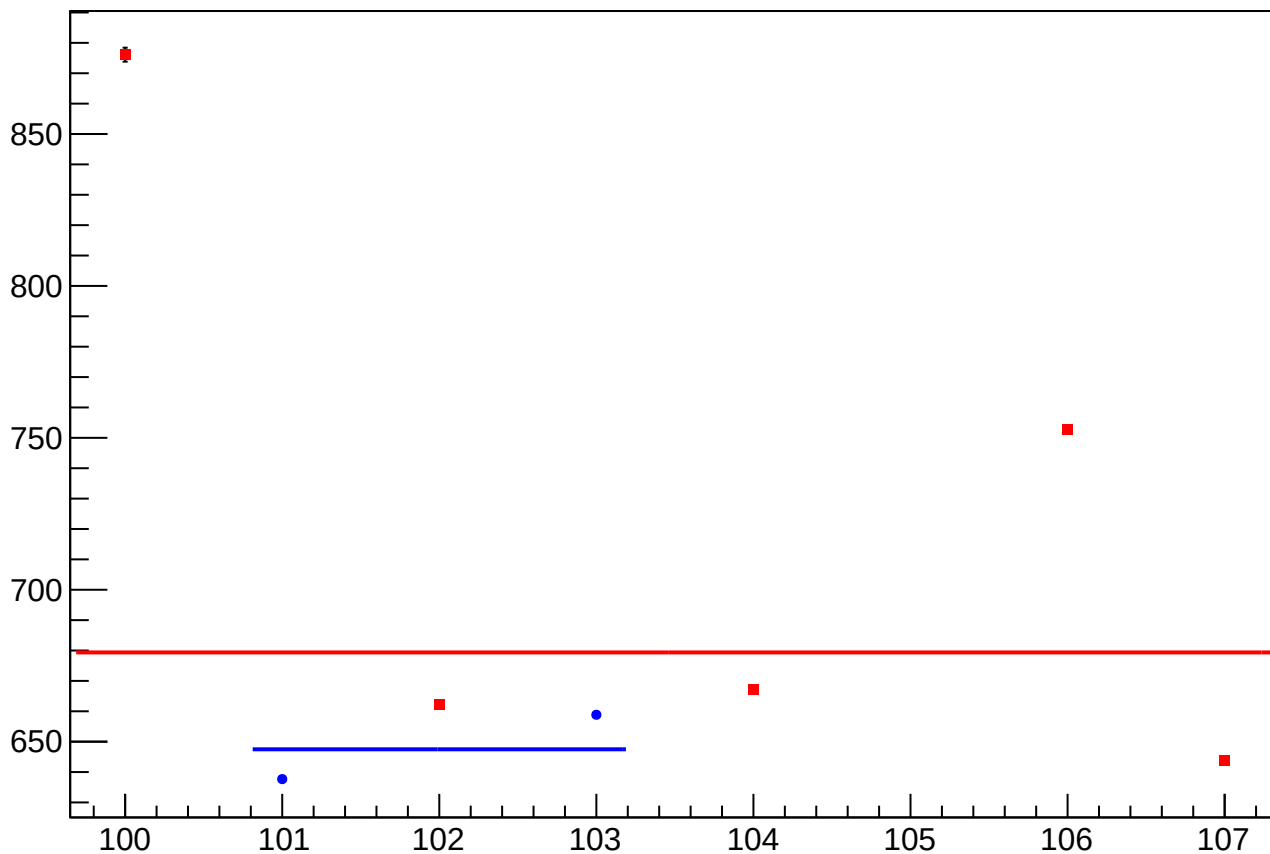
Right: 267.847+/-380.838 χ^2/NDF : 3.5/6

In: 577.067+/-576.638 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 267.847+/-380.838 χ^2/NDF : 3.5/6

asym_sam_37_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 647.489+/-0.408 χ^2/NDF : 670.7/1

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

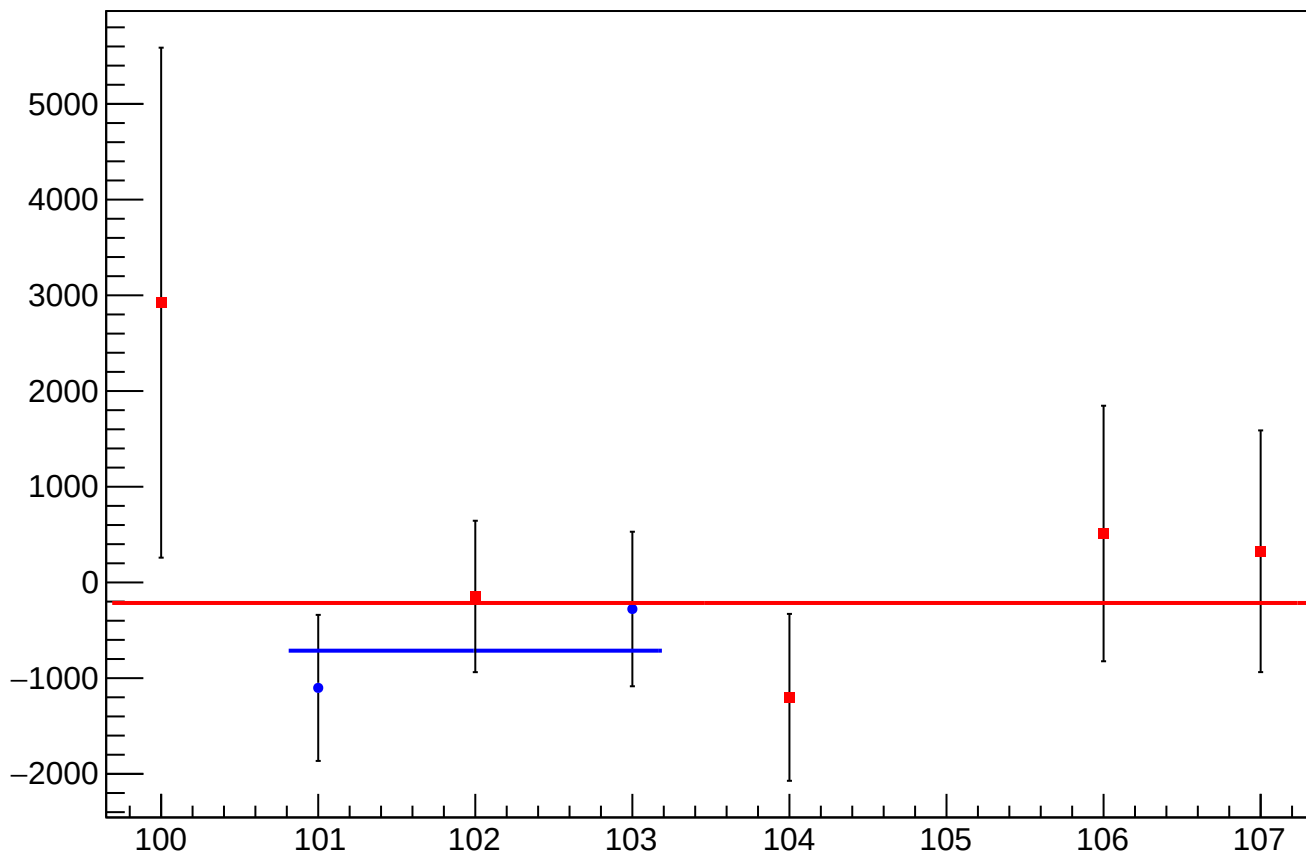
Right: 665.465+/-0.269 χ^2/NDF : 20220.9/6

In: 647.489+/-0.408 χ^2/NDF : 670.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 665.465+/-0.269 χ^2/NDF : 20220.9/6

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -712.869+/-554.527 χ^2/NDF : 0.6/1

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

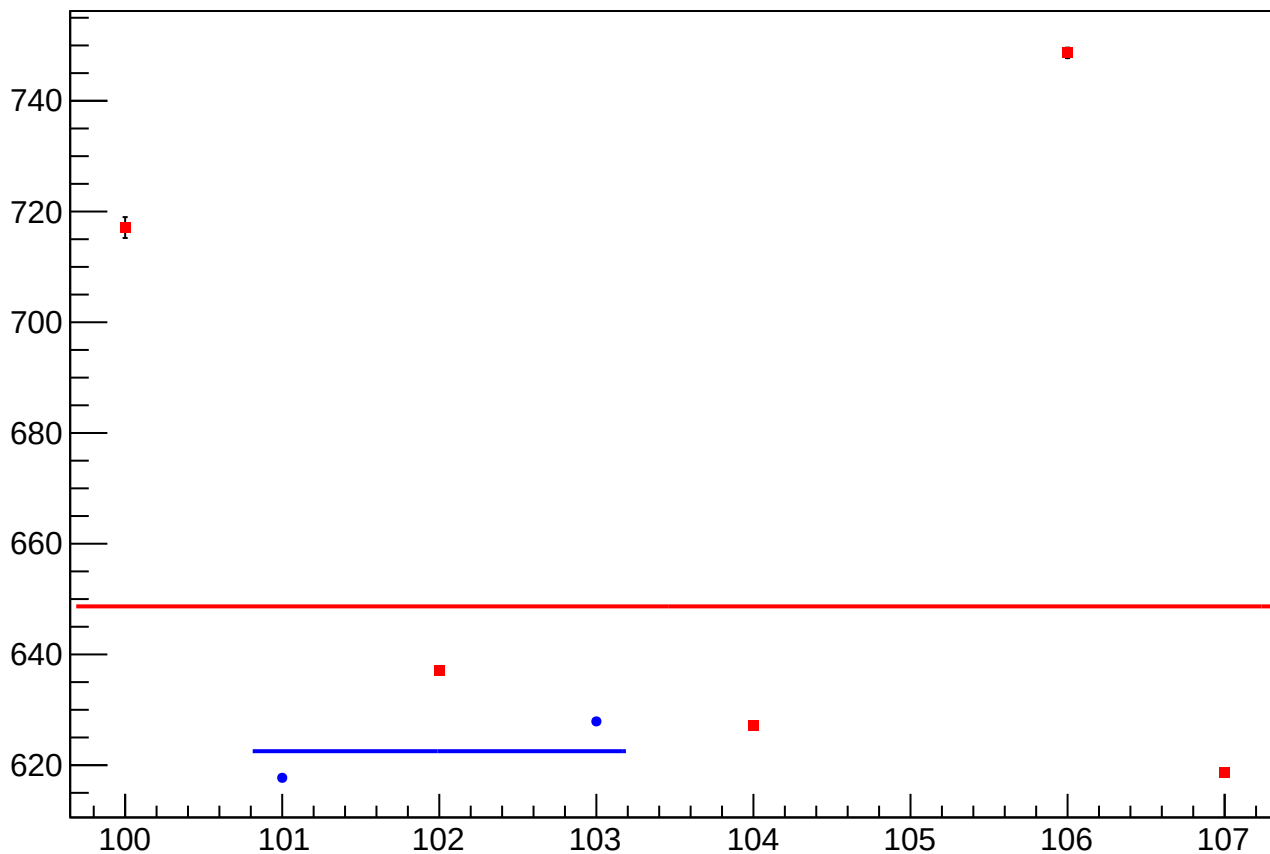
Right: -430.725+/-365.274 χ^2/NDF : 4.2/6

In: -712.869+/-554.527 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -430.725+/-365.274 χ^2/NDF : 4.2/6

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 622.524 $\pm$ 0.392 χ^2 /NDF: 168.3/1

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

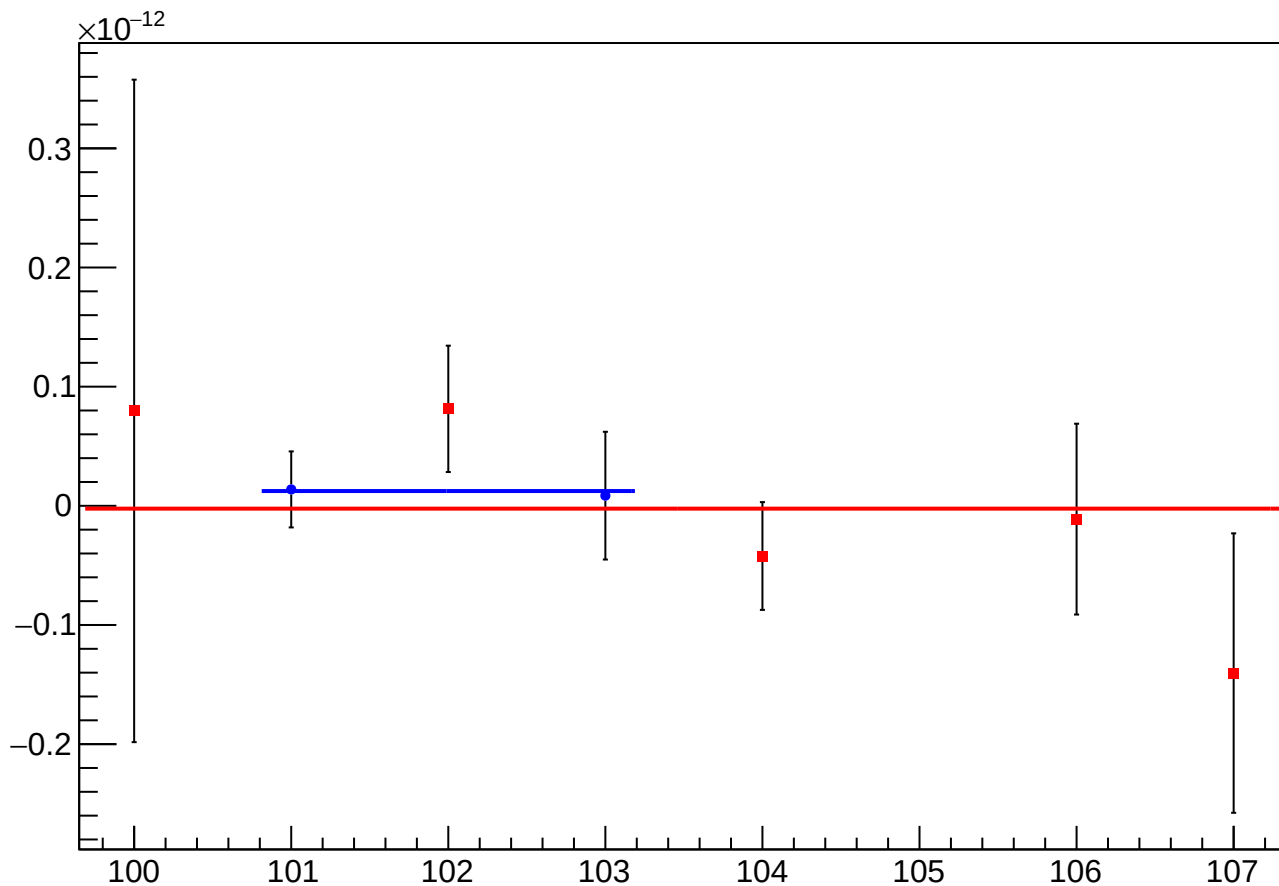
Right: 637.331 $\pm$ 0.258 χ^2 /NDF: 18004.0/6

In: 622.524 $\pm$ 0.392 χ^2 /NDF:168.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 637.331 $\pm$ 0.258 χ^2 /NDF: 18004.0/6

asym_sam_37_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/1

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

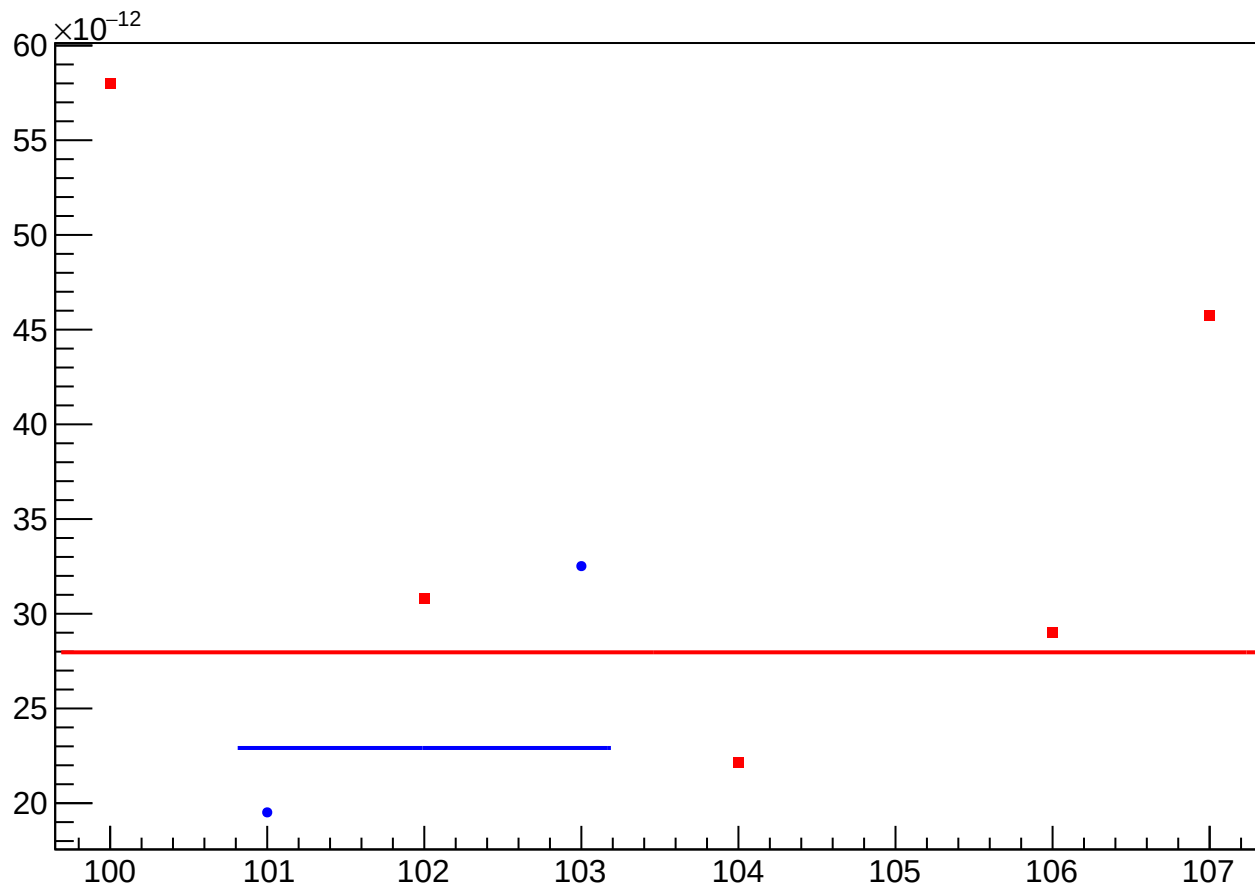
Right: 0.000+/-0.000 χ^2/NDF : 4.9/6

In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.9/6

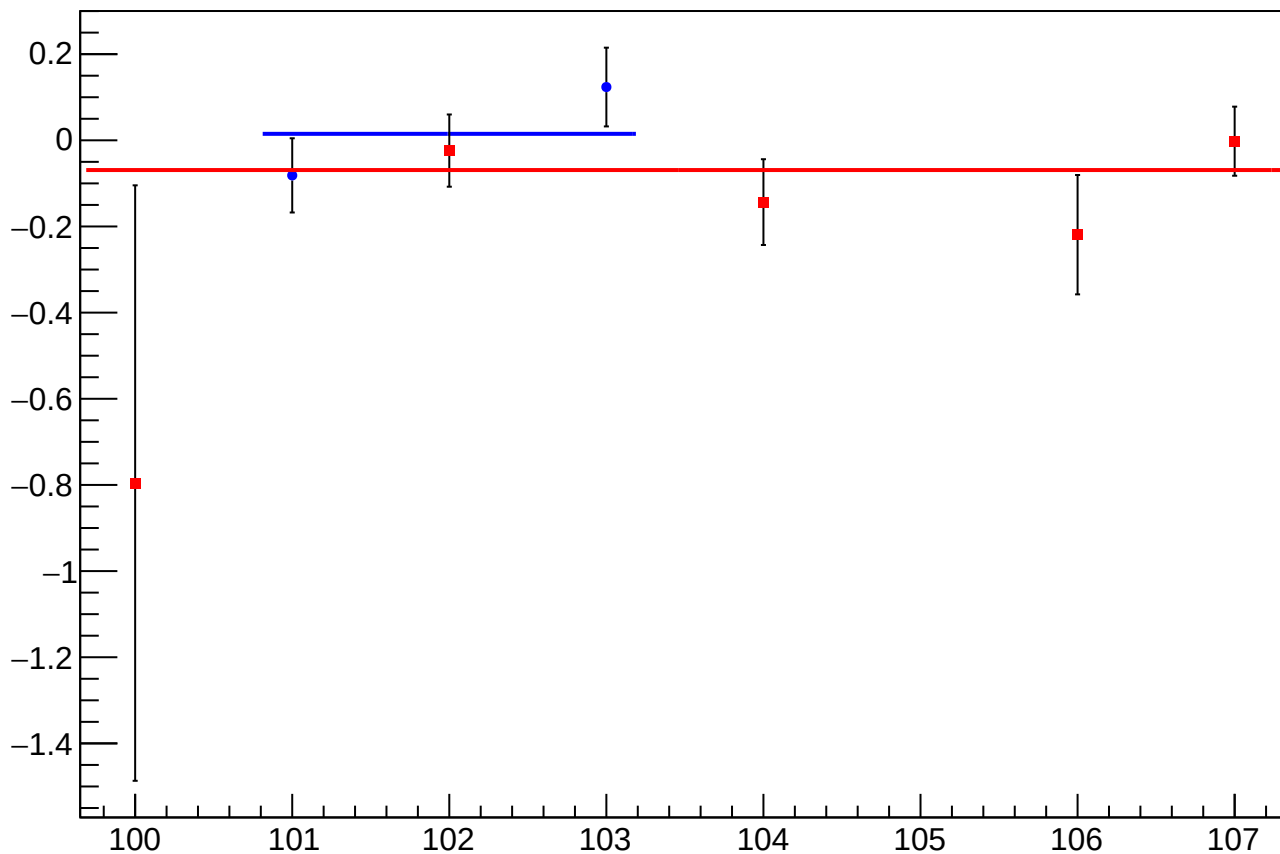
asym_sam_37_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 86881.0/1
 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 : 225911.5/6
 In: 0.000+/-0.000 χ^2/NDF : 86881.0/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 225911.5/6

asym_sam_37_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.063 χ^2 /NDF: 2.7/1

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

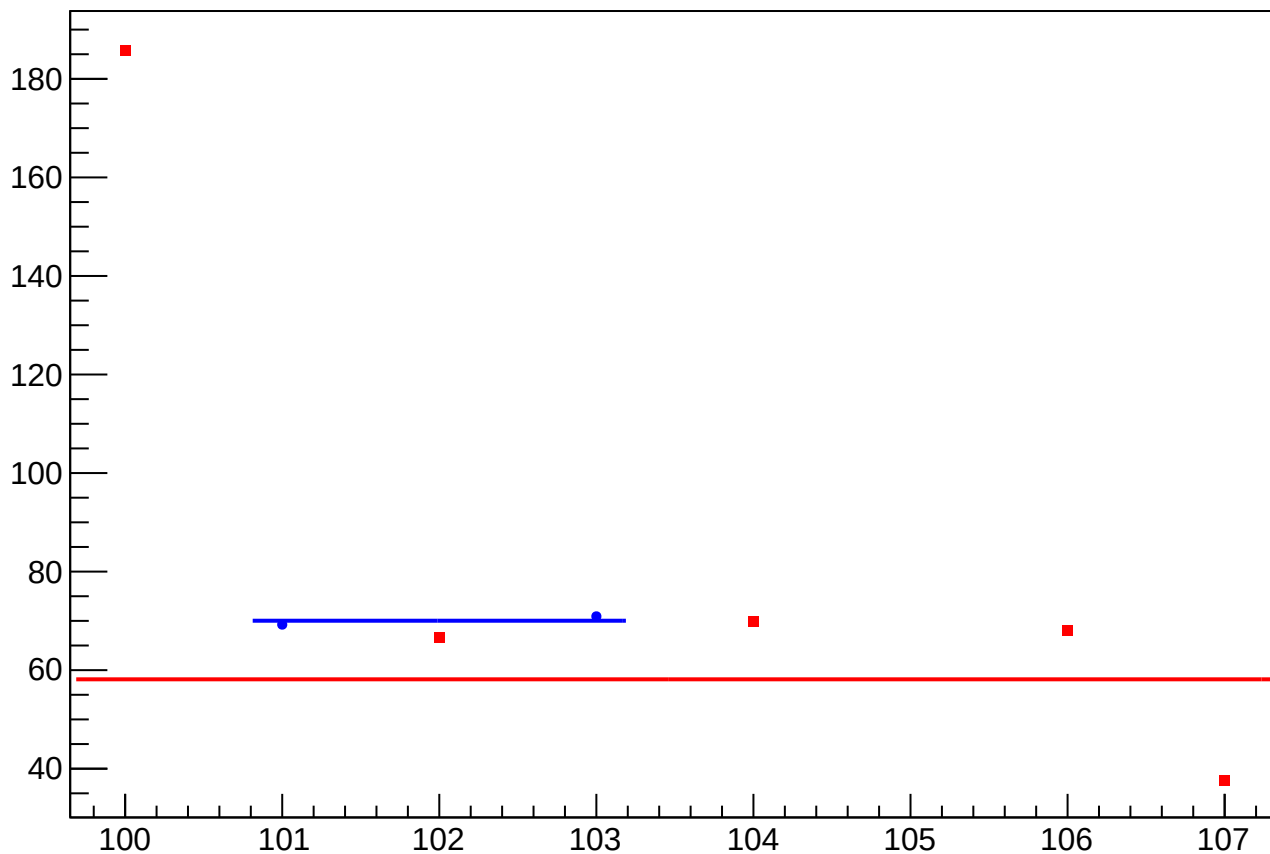
Right: -0.039 $\pm$ 0.038 χ^2 /NDF: 7.6/6

In: 0.015 $\pm$ 0.063 χ^2 /NDF:2.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.039 $\pm$ 0.038 χ^2 /NDF: 7.6/6

asym_sam_37_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.030+/-0.044 χ^2/NDF : 355.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.138+/-0.033 χ^2/NDF : 258806.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

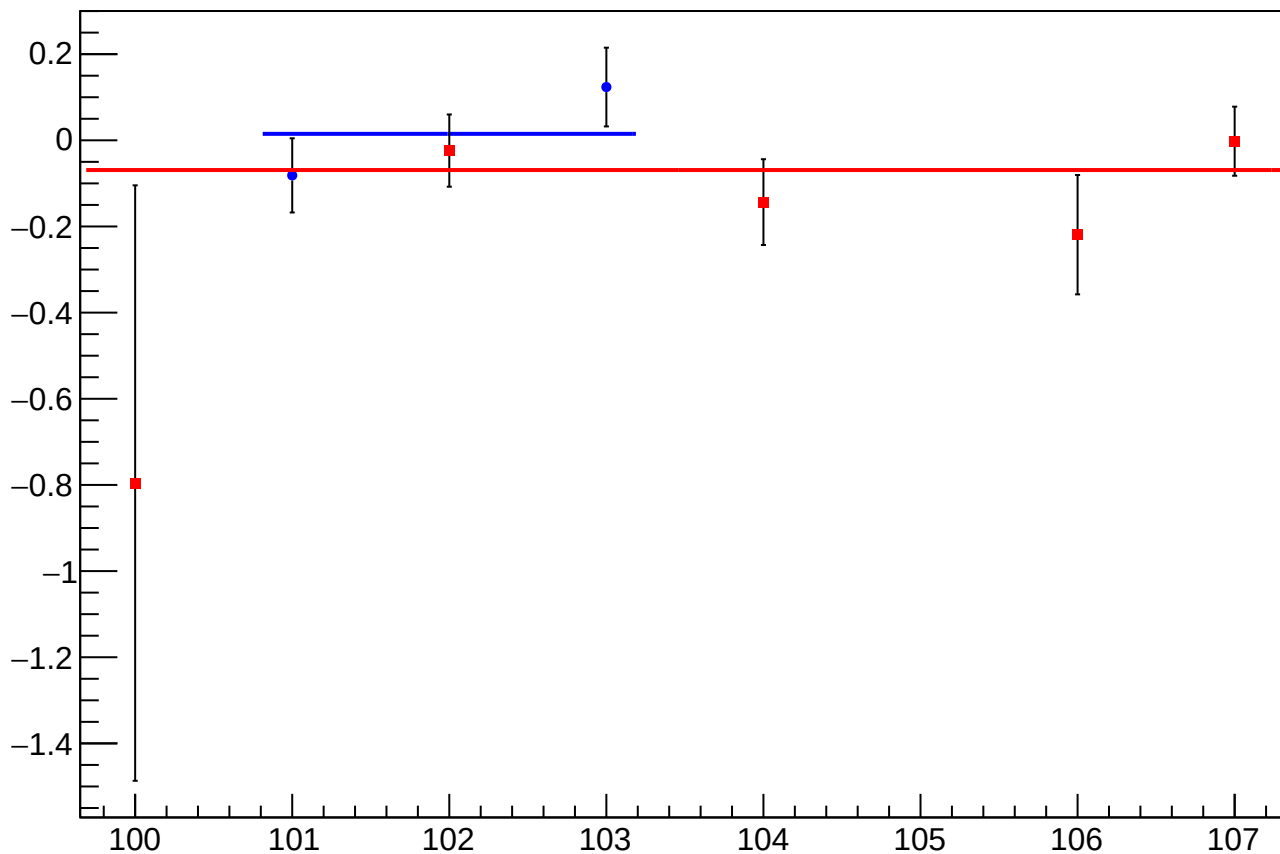
Right: 62.416+/-0.027 χ^2/NDF : 305245.2/6

In: 70.030+/-0.044 χ^2/NDF : 355.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.416+/-0.027 χ^2/NDF : 305245.2/6

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.063 χ^2 /NDF: 2.7/1

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

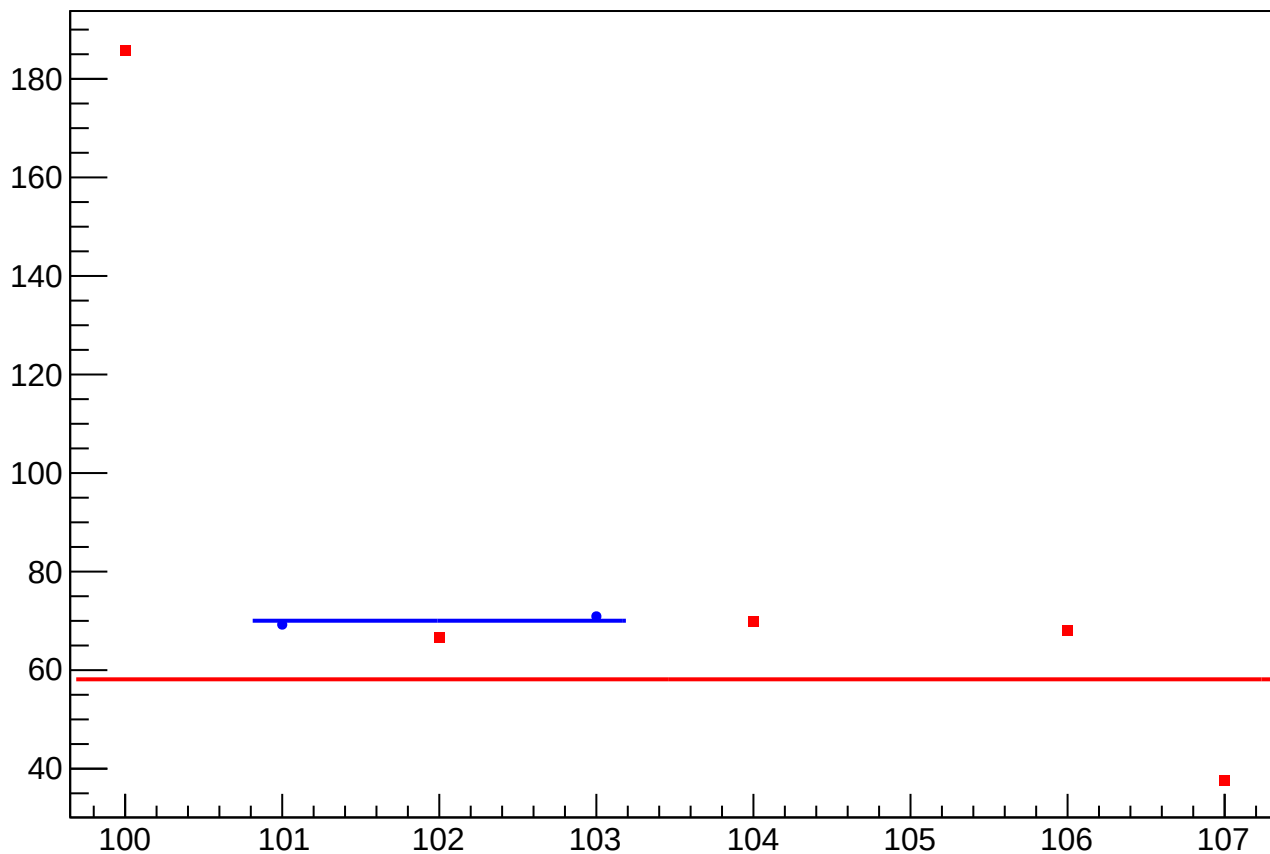
Right: -0.039 $\pm$ 0.038 χ^2 /NDF: 7.6/6

In: 0.015 $\pm$ 0.063 χ^2 /NDF: 2.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.039 $\pm$ 0.038 χ^2 /NDF: 7.6/6

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.030+/-0.044 χ^2/NDF : 355.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.138+/-0.033 χ^2/NDF : 258806.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

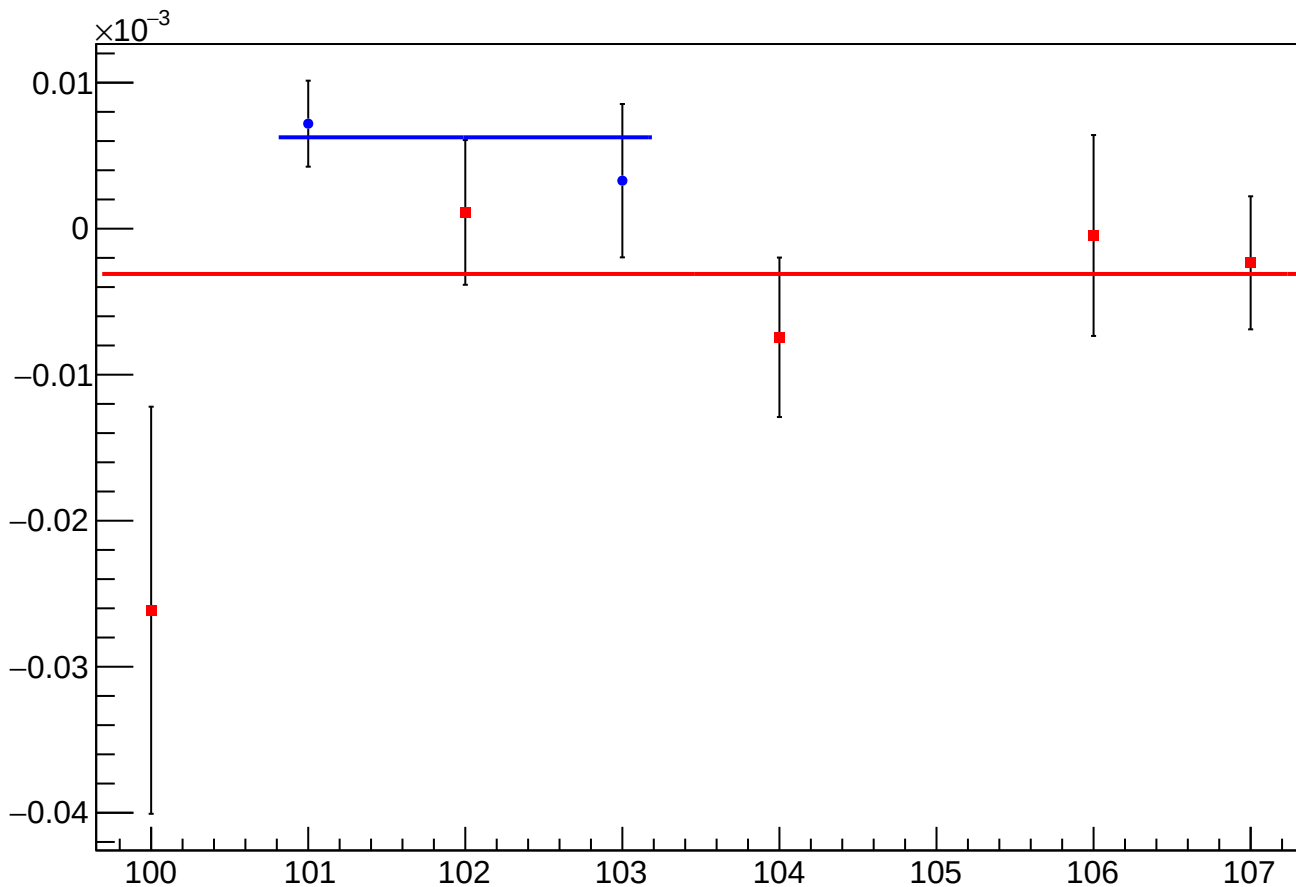
Right: 62.416+/-0.027 χ^2/NDF : 305245.2/6

In: 70.030+/-0.044 χ^2/NDF : 355.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.416+/-0.027 χ^2/NDF : 305245.2/6

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.4/1

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

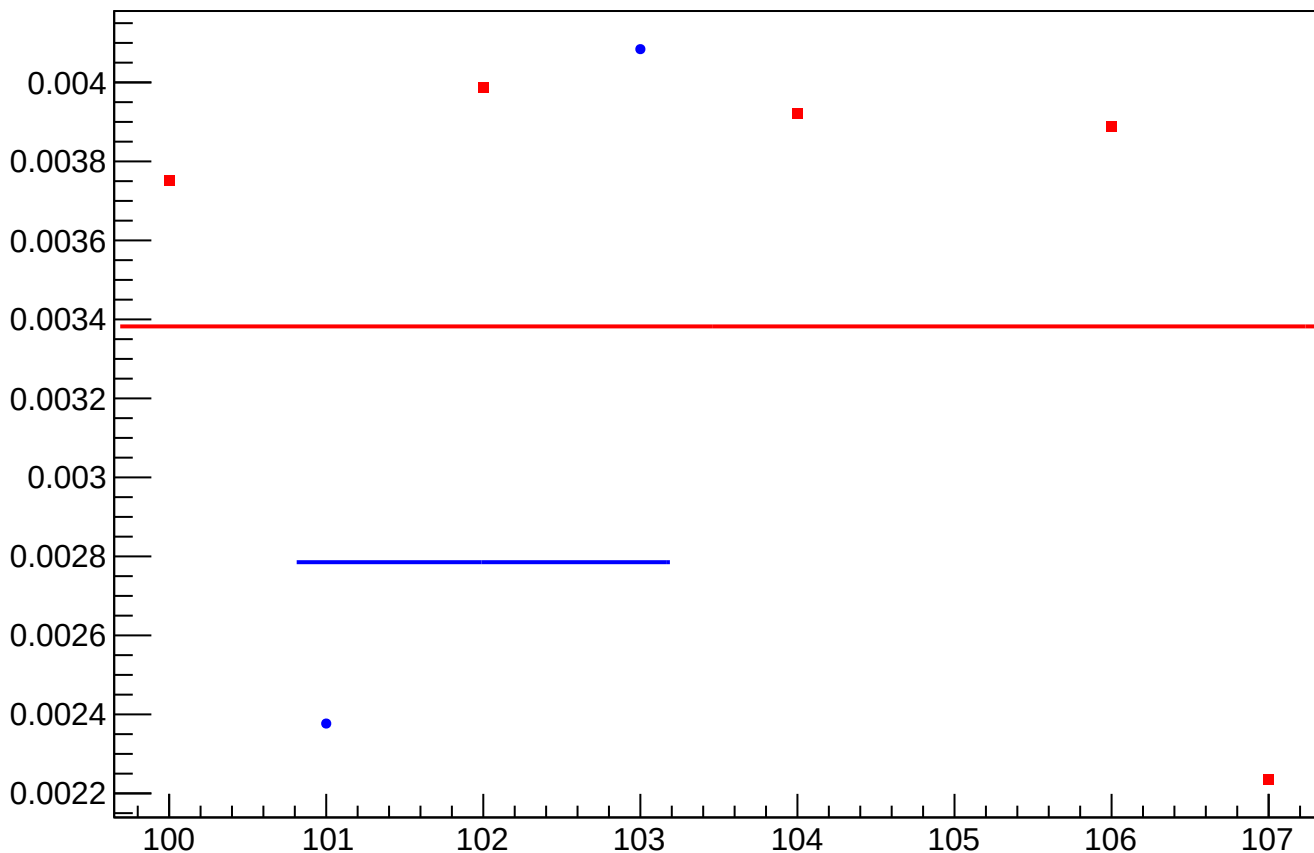
Right: 0.000+/-0.000 χ^2/NDF : 11.3/6

In: 0.000+/-0.000 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.3/6

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 160834.7/1

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

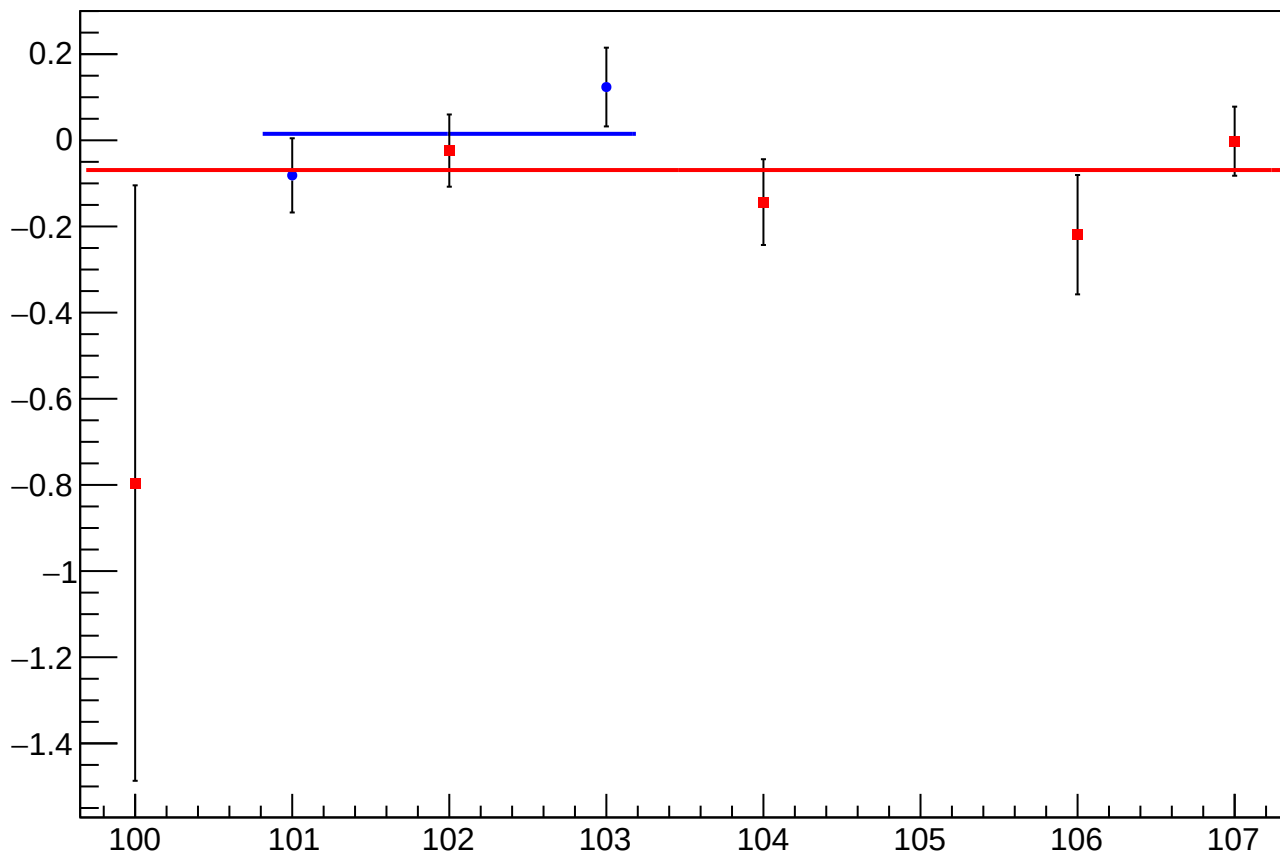
Right: 0.003+/-0.000 χ^2/NDF : 402579.8/6

In: 0.003+/-0.000 χ^2/NDF : 160834.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 402579.8/6

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.063 χ^2 /NDF: 2.7/1

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

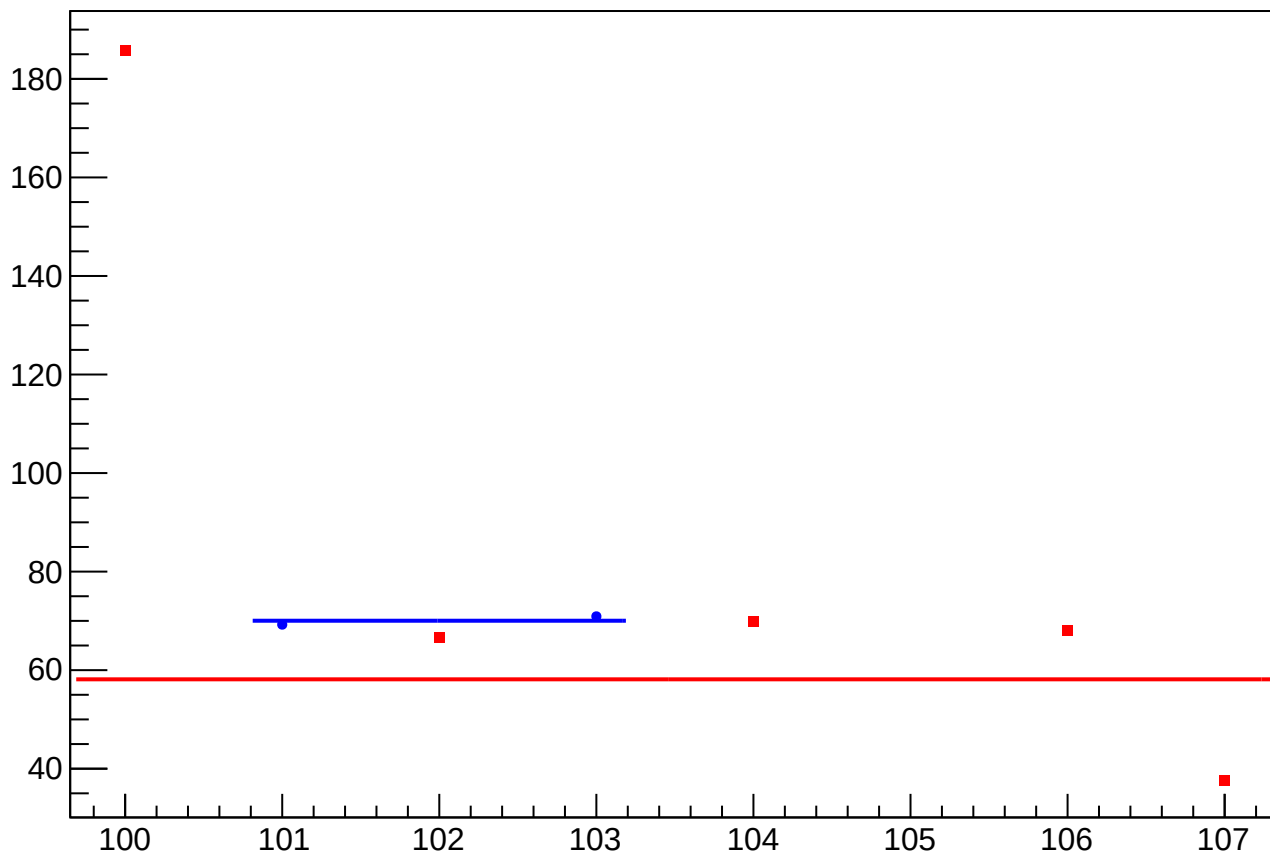
Right: -0.039 $\pm$ 0.038 χ^2 /NDF: 7.6/6

In: 0.015 $\pm$ 0.063 χ^2 /NDF:2.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.039 $\pm$ 0.038 χ^2 /NDF: 7.6/6

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.030+/-0.044 χ^2/NDF : 355.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.138+/-0.033 χ^2/NDF : 258790.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

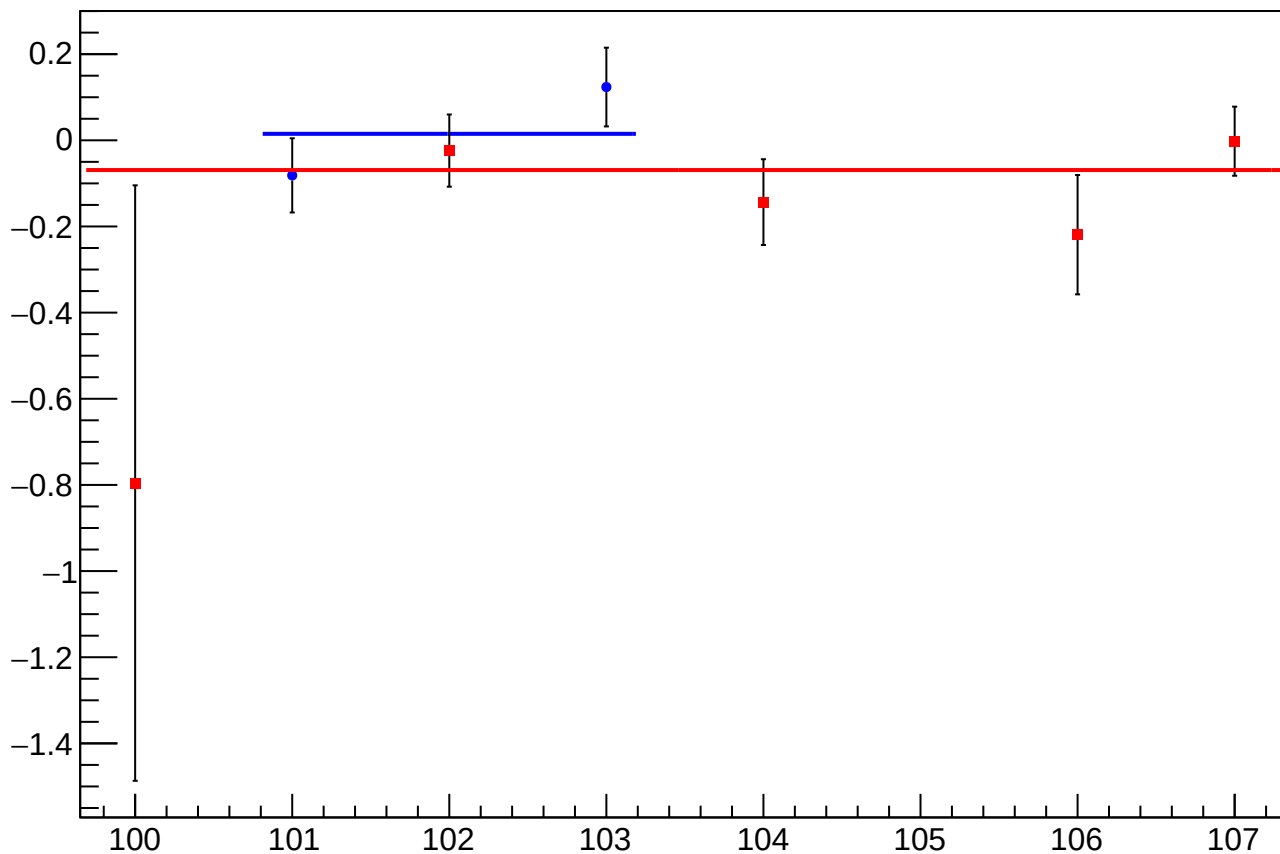
Right: 62.416+/-0.027 χ^2/NDF : 305227.9/6

In: 70.030+/-0.044 χ^2/NDF : 355.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.416+/-0.027 χ^2/NDF : 305227.9/6

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.063 χ^2 /NDF: 2.7/1

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

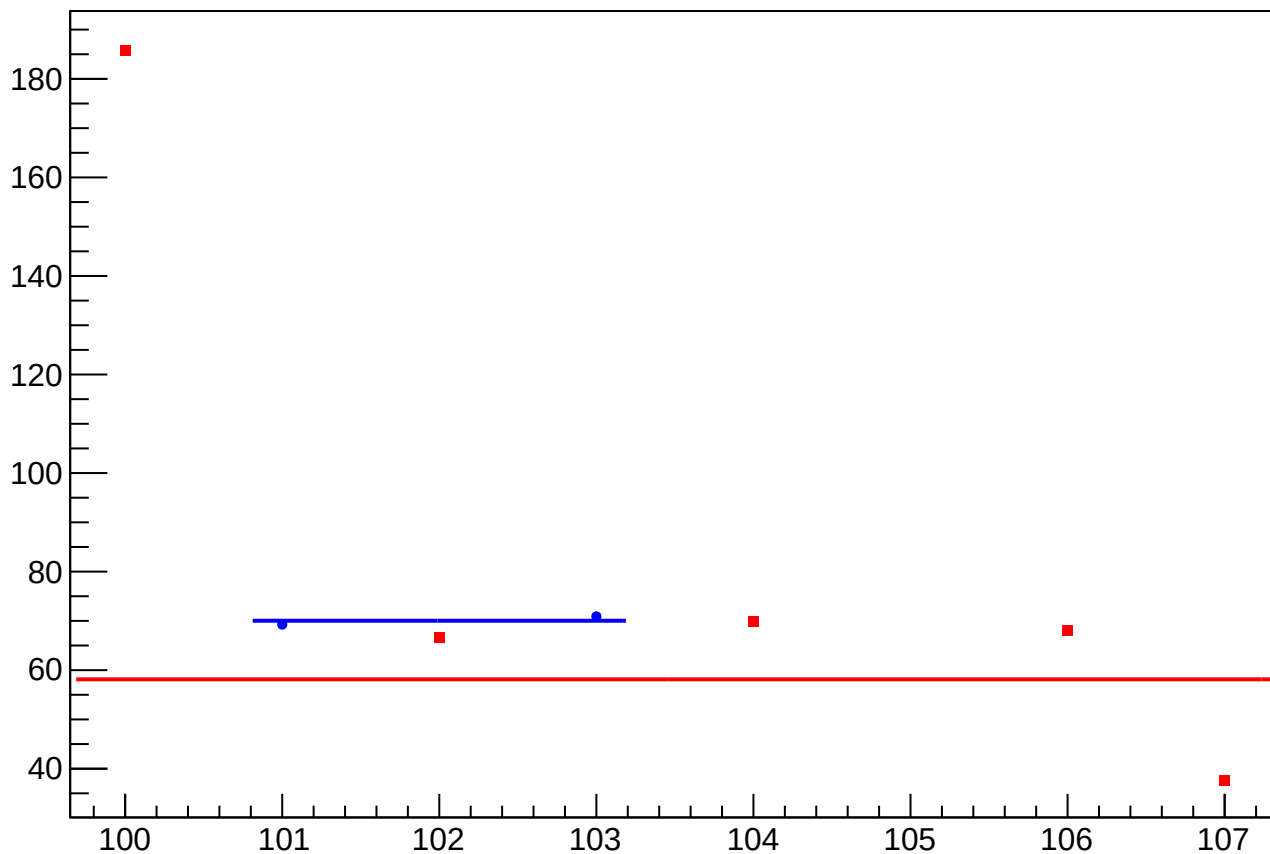
Right: -0.039 $\pm$ 0.038 χ^2 /NDF: 7.6/6

In: 0.015 $\pm$ 0.063 χ^2 /NDF:2.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.039 $\pm$ 0.038 χ^2 /NDF: 7.6/6

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.030+/-0.044 χ^2/NDF : 355.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.138+/-0.033 χ^2/NDF : 258790.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

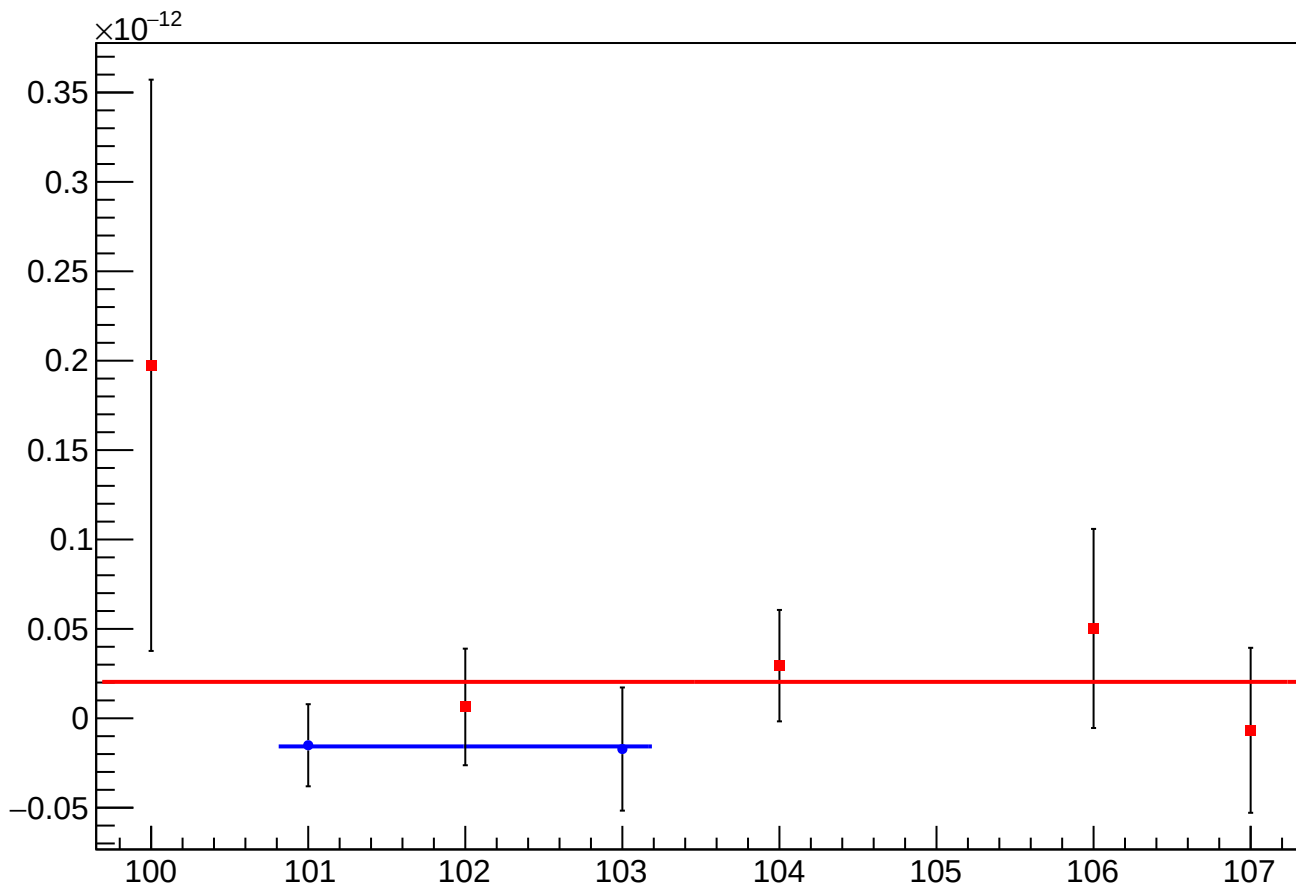
Right: 62.416+/-0.027 χ^2/NDF : 305227.9/6

In: 70.030+/-0.044 χ^2/NDF : 355.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.416+/-0.027 χ^2/NDF : 305227.9/6

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/1

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

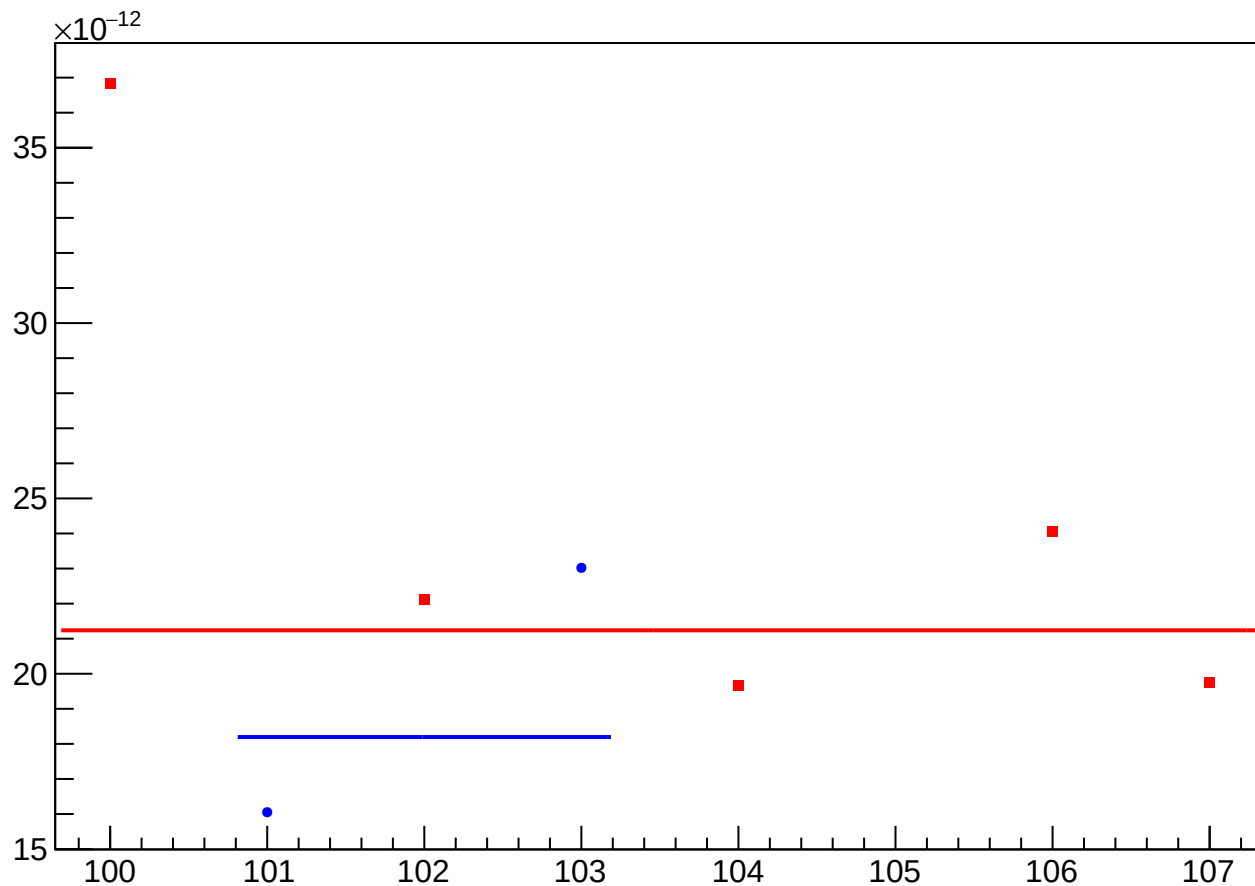
Right: 0.000+/-0.000 χ^2/NDF : 3.9/6

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.9/6

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 56697.4/1

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

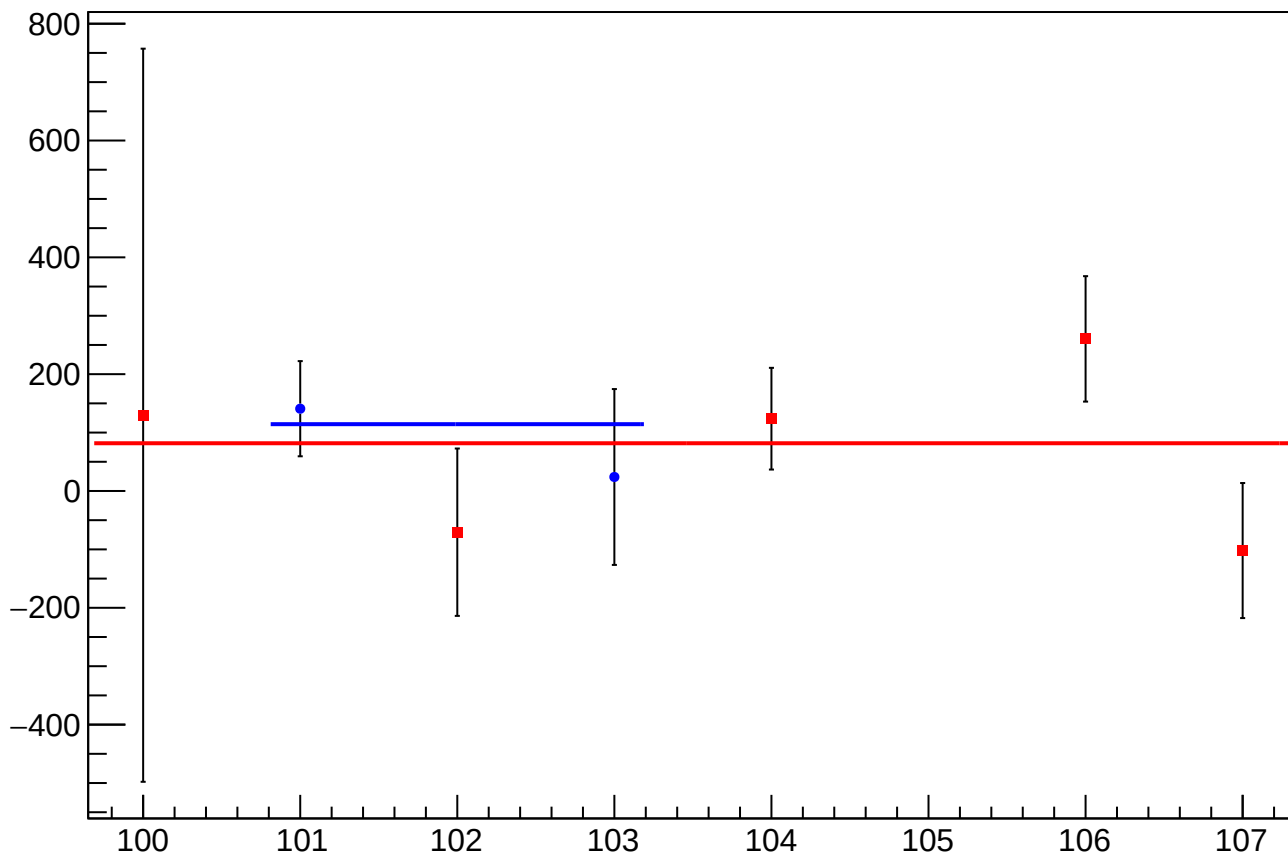
Right: 0.000+/-0.000 χ^2/NDF : 115168.8/6

In: 0.000+/-0.000 χ^2/NDF : 56697.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 115168.8/6

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 114.383+/-71.656 χ^2/NDF : 0.5/1

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

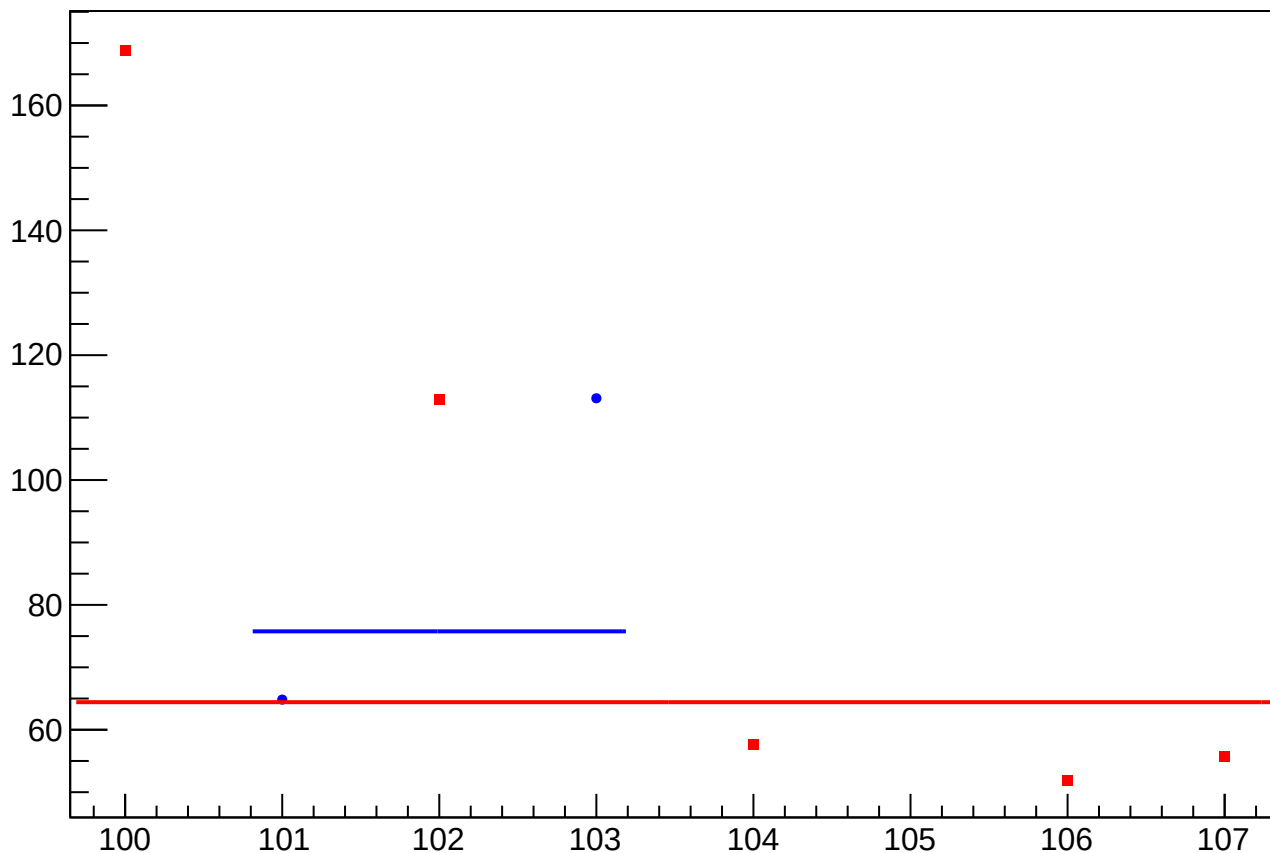
Right: 93.515+/-43.055 χ^2/NDF : 7.3/6

In: 114.383+/-71.656 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.515+/-43.055 χ^2/NDF : 7.3/6

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 75.761+/-0.051 χ^2/NDF : 159026.5/1

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

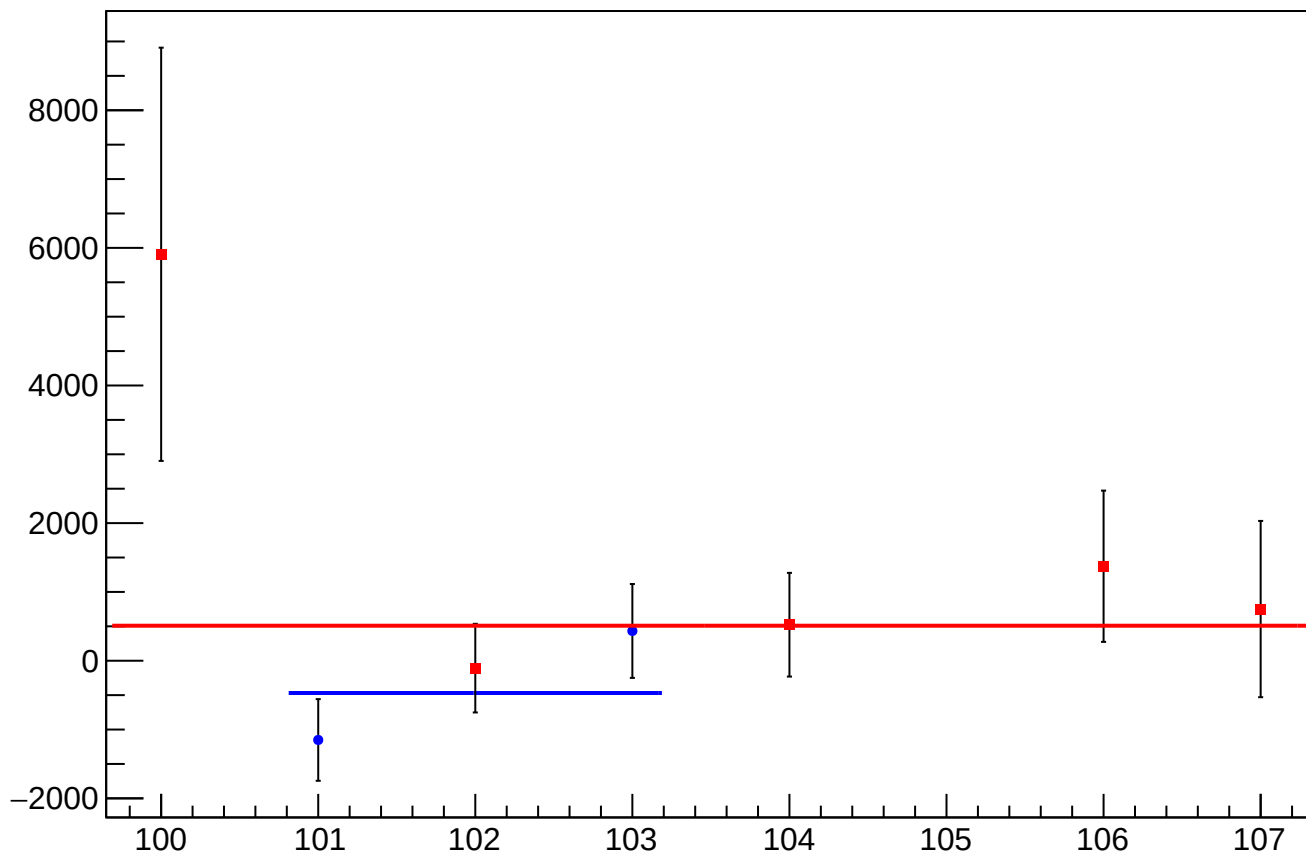
Right: 68.512+/-0.030 χ^2/NDF : 526515.3/6

In: 75.761+/-0.051 χ^2/NDF : 159026.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.512+/-0.030 χ^2/NDF : 526515.3/6

asym_sam_1357_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -468.919+/-447.755 χ^2/NDF : 3.1/1

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

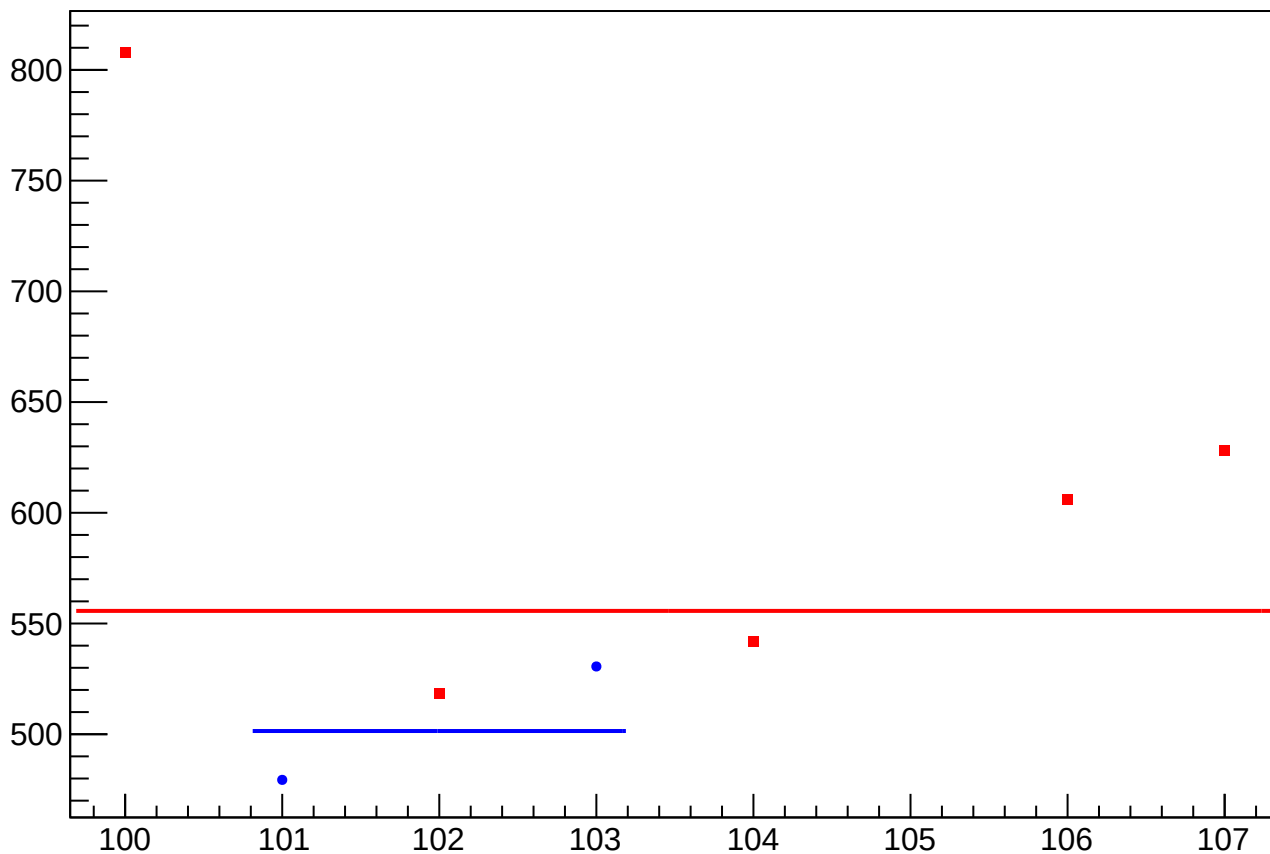
Right: 53.447+/-305.598 χ^2/NDF : 10.4/6

In: -468.919+/-447.755 χ^2/NDF : 3.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.447+/-305.598 χ^2/NDF : 10.4/6

asym_sam_1357_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 501.451+/-0.317 χ^2/NDF : 6414.8/1

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

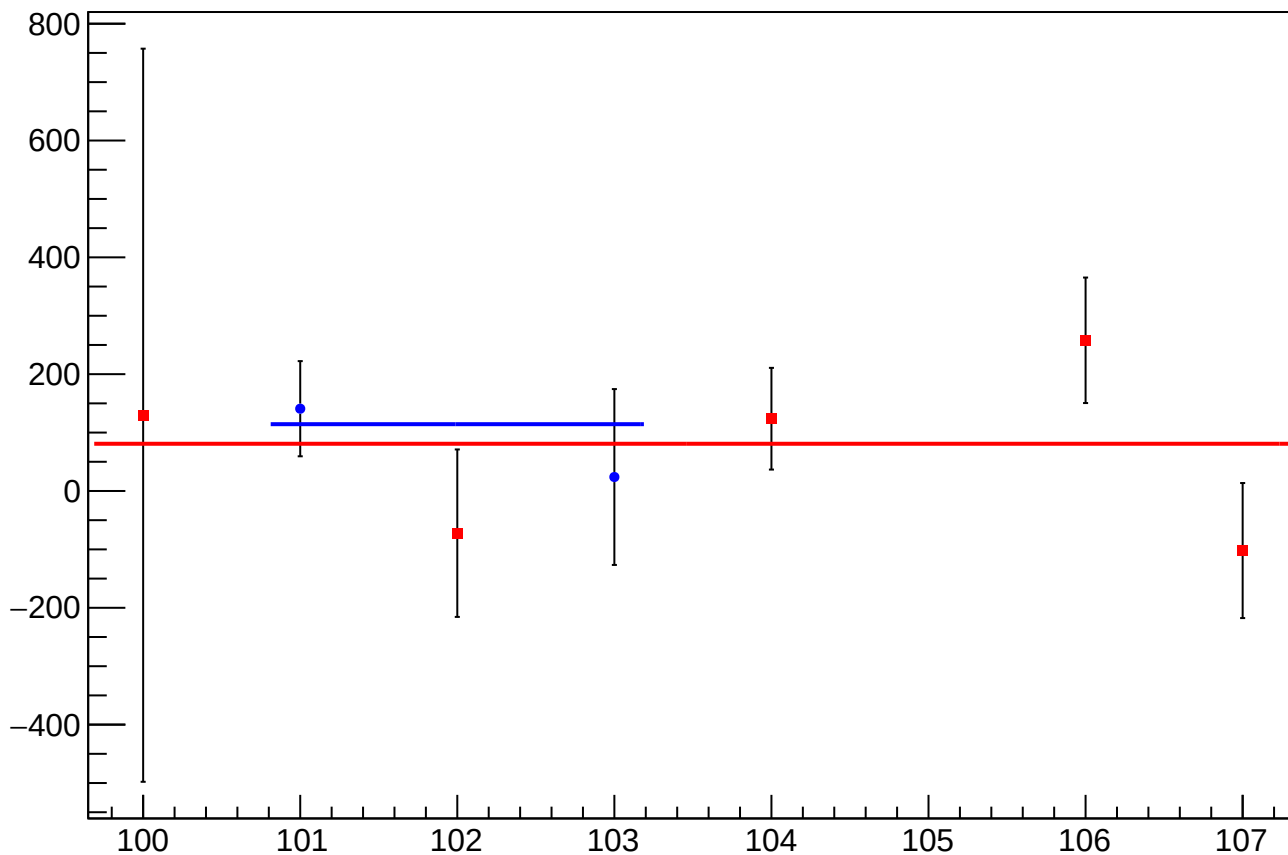
Right: 530.427+/-0.216 χ^2/NDF : 54140.1/6

In: 501.451+/-0.317 χ^2/NDF : 6414.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 530.427+/-0.216 χ^2/NDF : 54140.1/6

cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 114.370+/-71.656 χ^2/NDF : 0.5/1

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

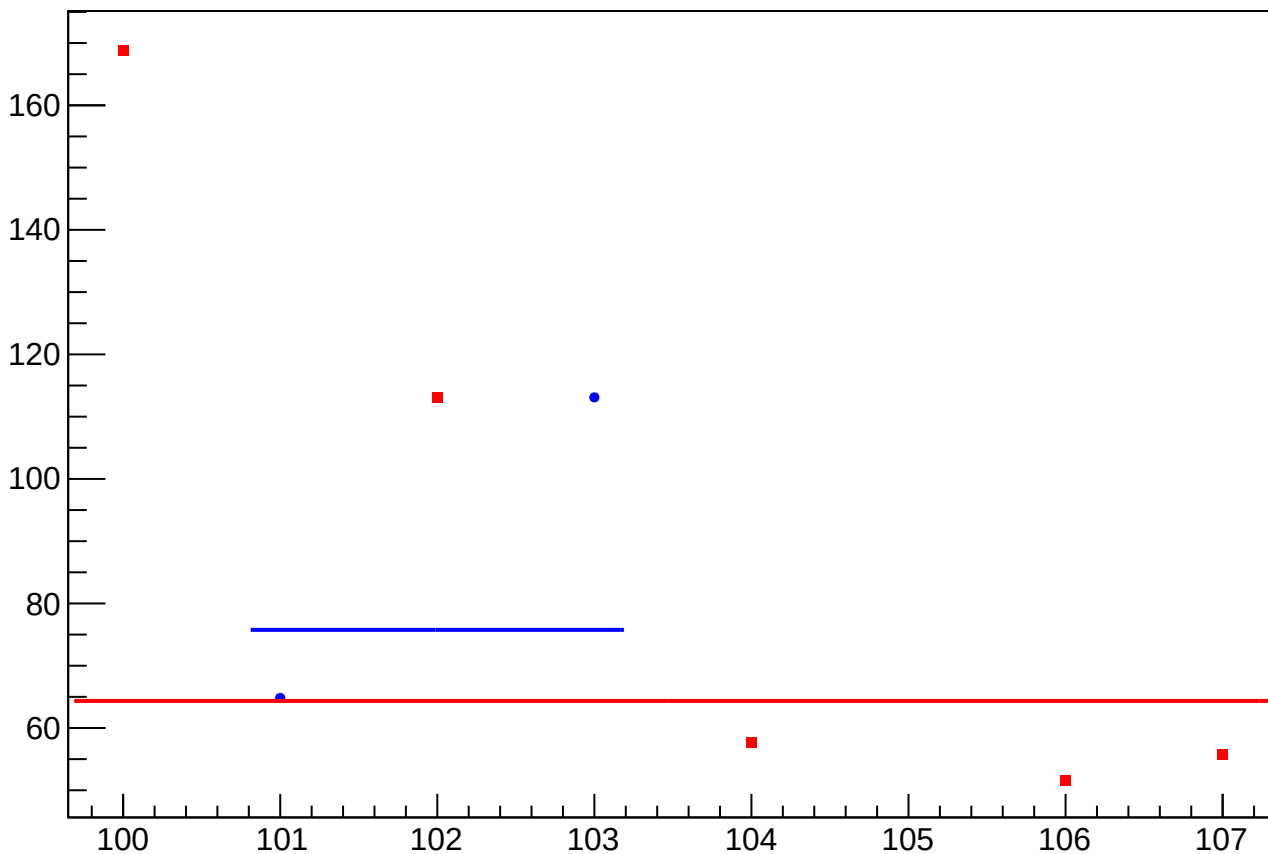
Right: 92.946+/-43.060 χ^2/NDF : 7.2/6

In: 114.370+/-71.656 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.946+/-43.060 χ^2/NDF : 7.2/6

cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 75.761 $\pm$ 0.051 χ^2 /NDF: 159028.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 64.344 $\pm$ 0.038 χ^2 /NDF: 337007.4/4

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

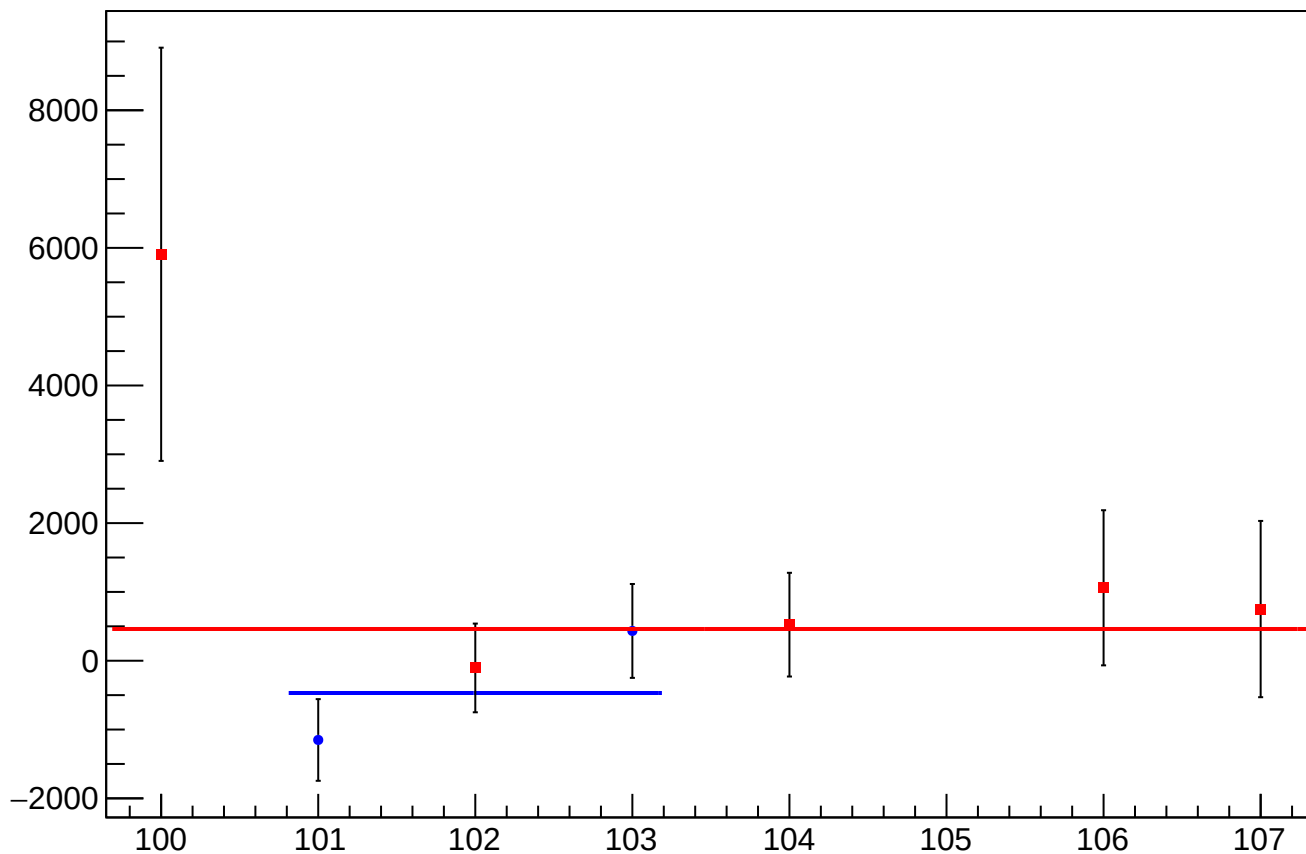
Right: 68.467 $\pm$ 0.030 χ^2 /NDF: 528474.2/6

In: 75.761 $\pm$ 0.051 χ^2 /NDF:159028.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 68.467 $\pm$ 0.030 χ^2 /NDF: 528474.2/6

asym_sam_1357_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -468.858+/-447.776 χ^2/NDF : 3.1/1

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

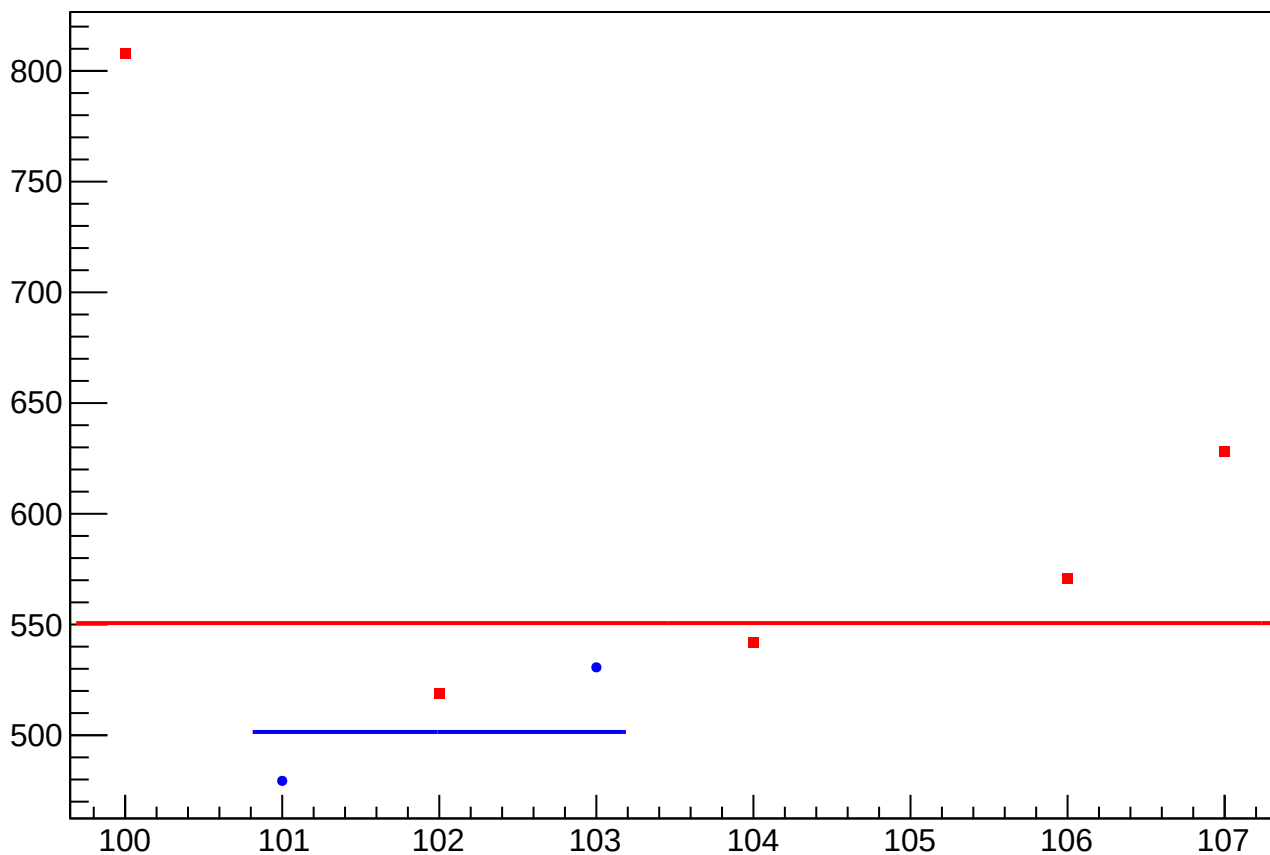
Right: 26.201+/-306.255 χ^2/NDF : 9.8/6

In: -468.858+/-447.776 χ^2/NDF : 3.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.201+/-306.255 χ^2/NDF : 9.8/6

asym_sam_1357_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 501.474+/-0.317 χ^2/NDF : 6427.8/1

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

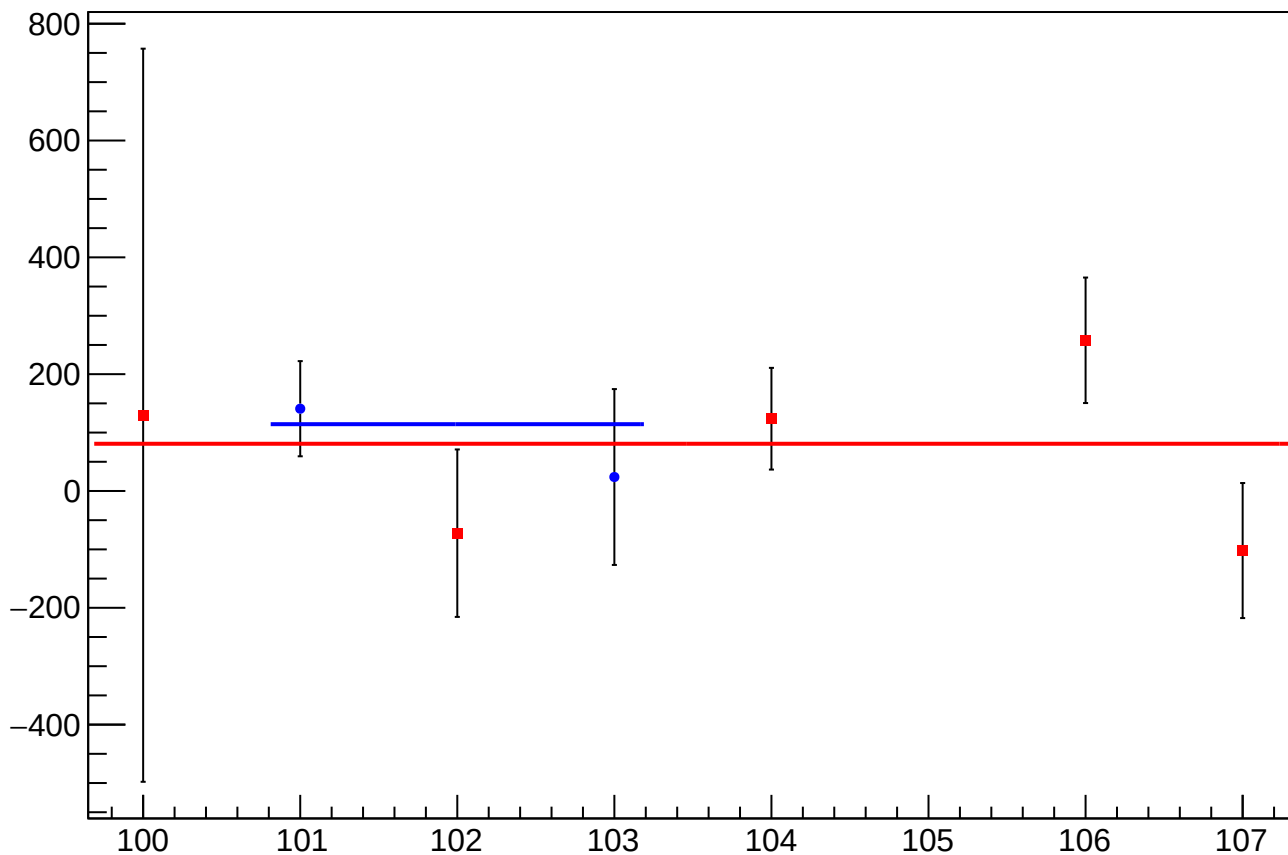
Right: 527.645+/-0.217 χ^2/NDF : 46982.0/6

In: 501.474+/-0.317 χ^2/NDF : 6427.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 527.645+/-0.217 χ^2/NDF : 46982.0/6

eigen_cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 114.370+/-71.656 χ^2/NDF : 0.5/1

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

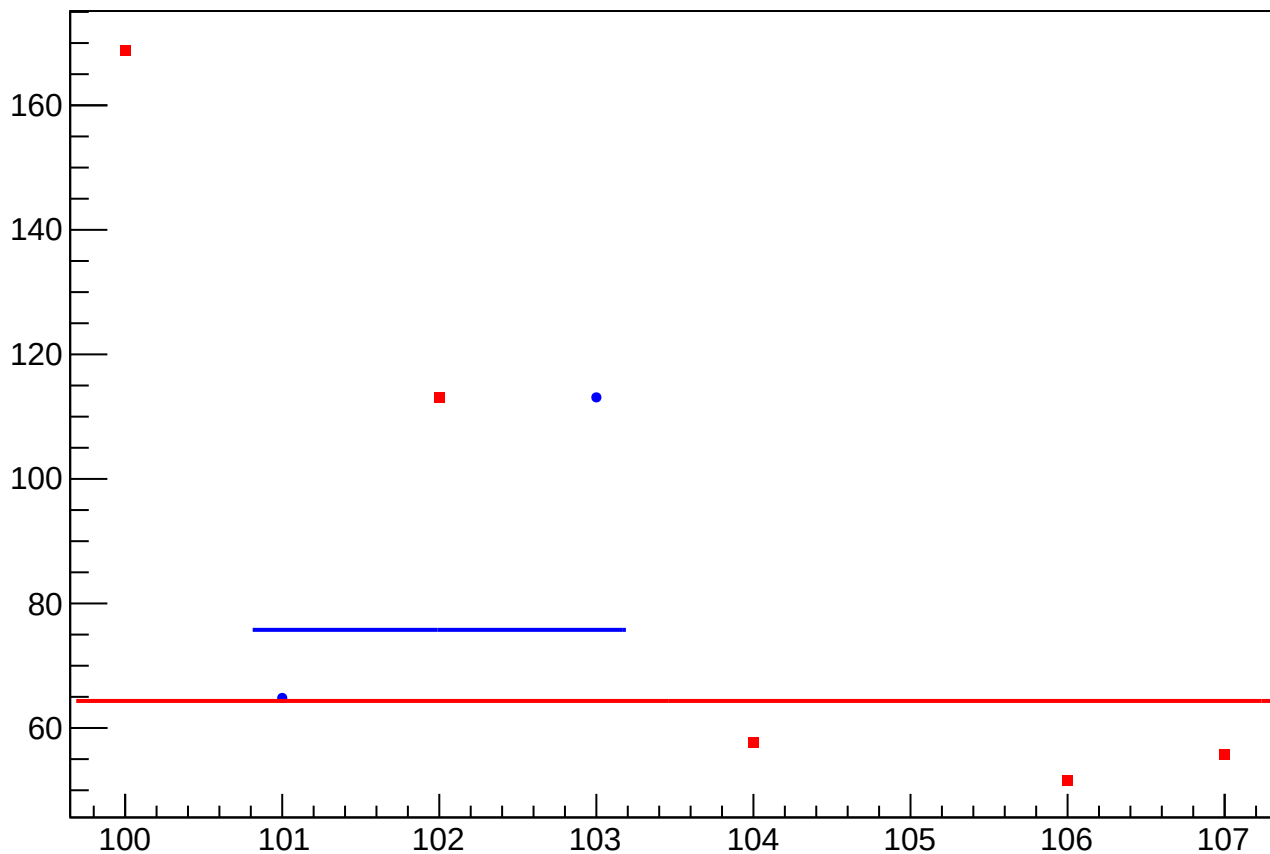
Right: 92.946+/-43.060 χ^2/NDF : 7.2/6

In: 114.370+/-71.656 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.946+/-43.060 χ^2/NDF : 7.2/6

eigen_cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 75.761 $\pm$ 0.051 χ^2 /NDF: 159028.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 64.344 $\pm$ 0.038 χ^2 /NDF: 337007.4/4

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

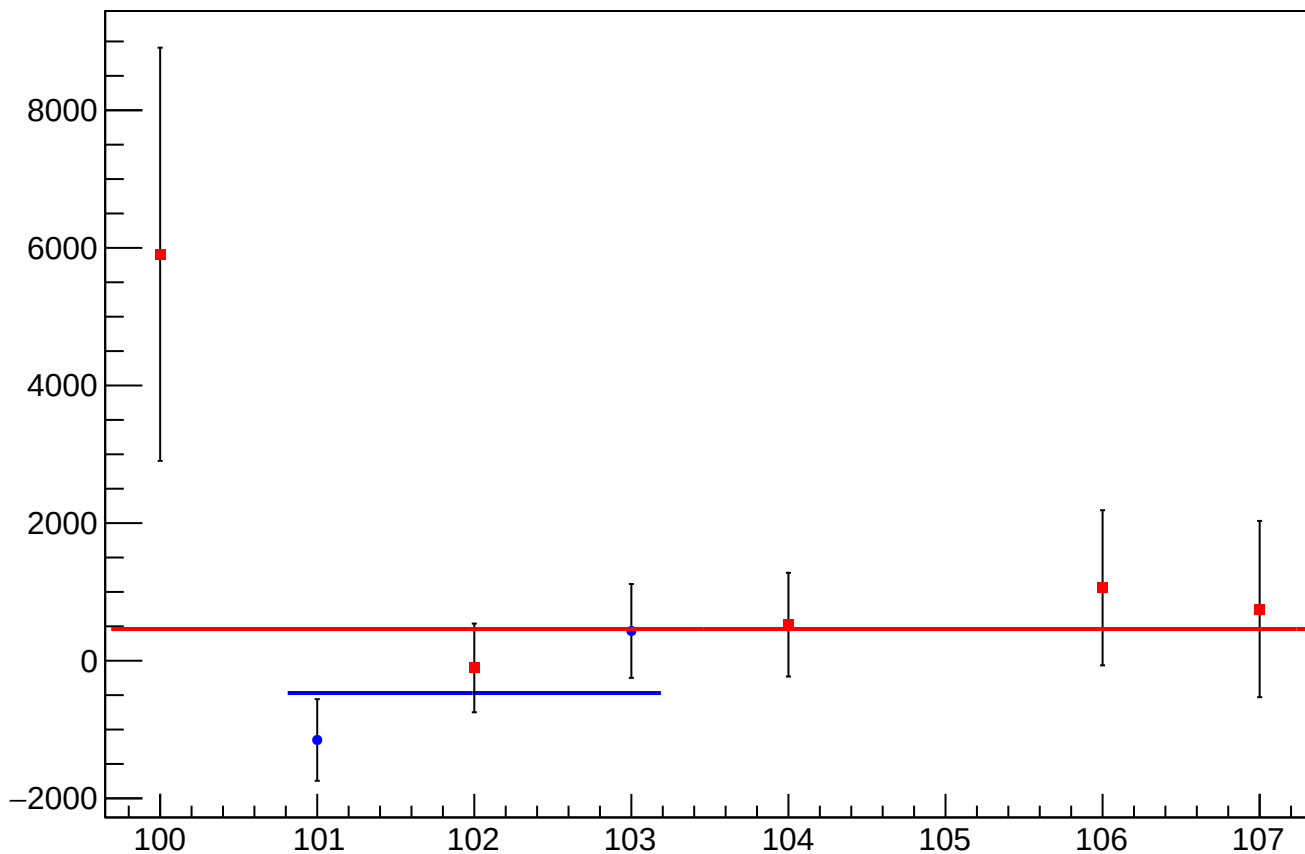
Right: 68.467 $\pm$ 0.030 χ^2 /NDF: 528474.2/6

In: 75.761 $\pm$ 0.051 χ^2 /NDF:159028.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 68.467 $\pm$ 0.030 χ^2 /NDF: 528474.2/6

asym_sam_1357_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -468.858+/-447.776 χ^2/NDF : 3.1/1

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

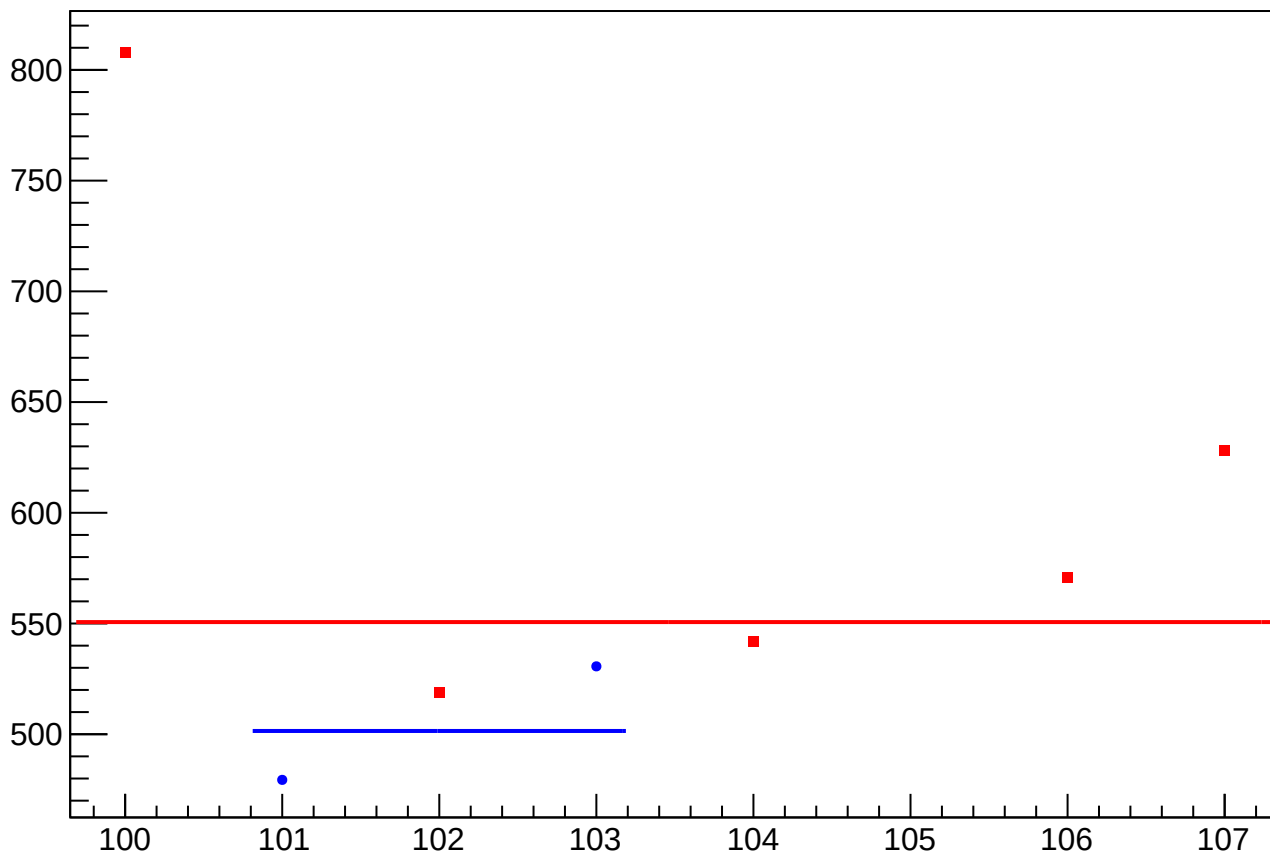
Right: 26.201+/-306.255 χ^2/NDF : 9.8/6

In: -468.858+/-447.776 χ^2/NDF : 3.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.201+/-306.255 χ^2/NDF : 9.8/6

asym_sam_1357_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 501.474+/-0.317 χ^2/NDF : 6427.8/1

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

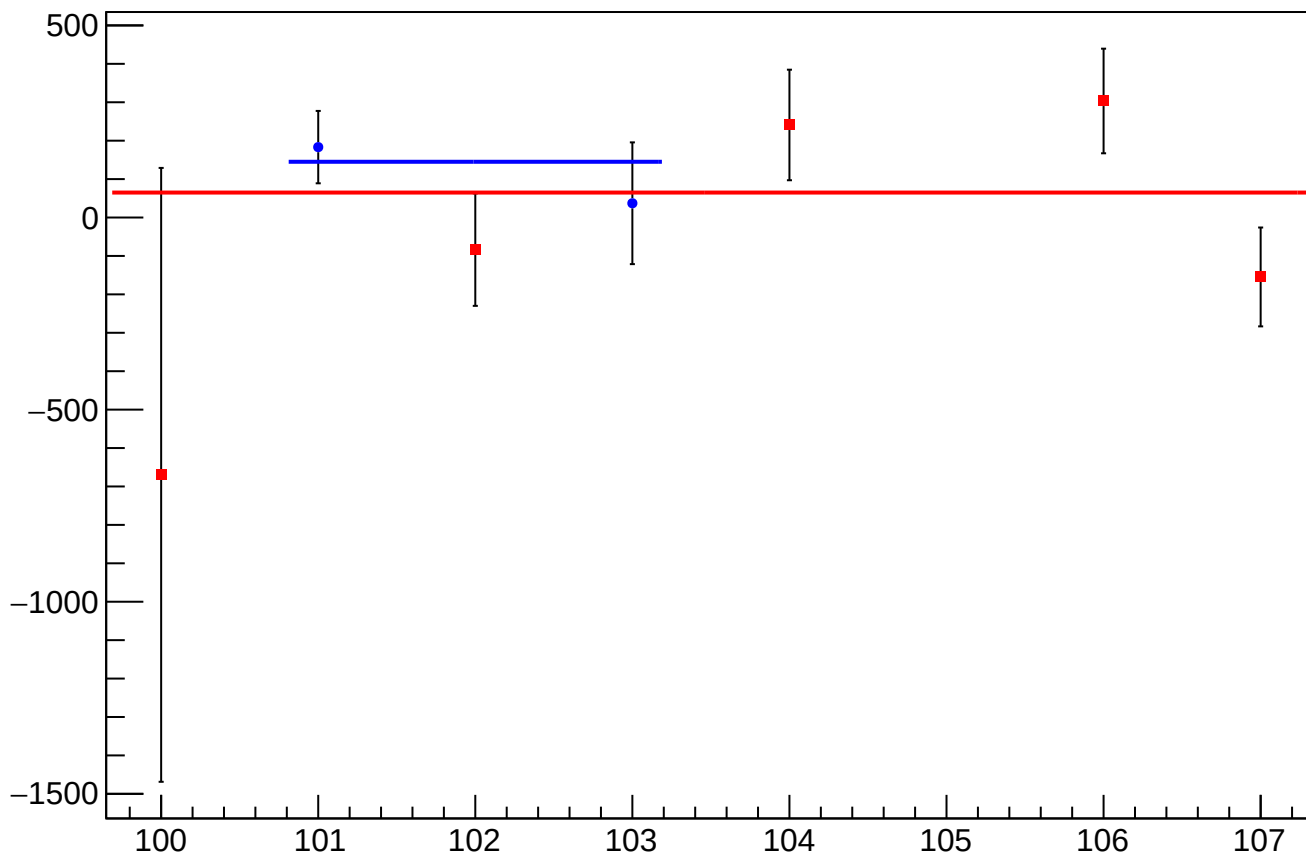
Right: 527.645+/-0.217 χ^2/NDF : 46982.0/6

In: 501.474+/-0.317 χ^2/NDF : 6427.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 527.645+/-0.217 χ^2/NDF : 46982.0/6

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 145.100 $\pm$ 80.965 χ^2 /NDF: 0.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 64.974 $\pm$ 68.856 χ^2 /NDF: 9.3/4

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

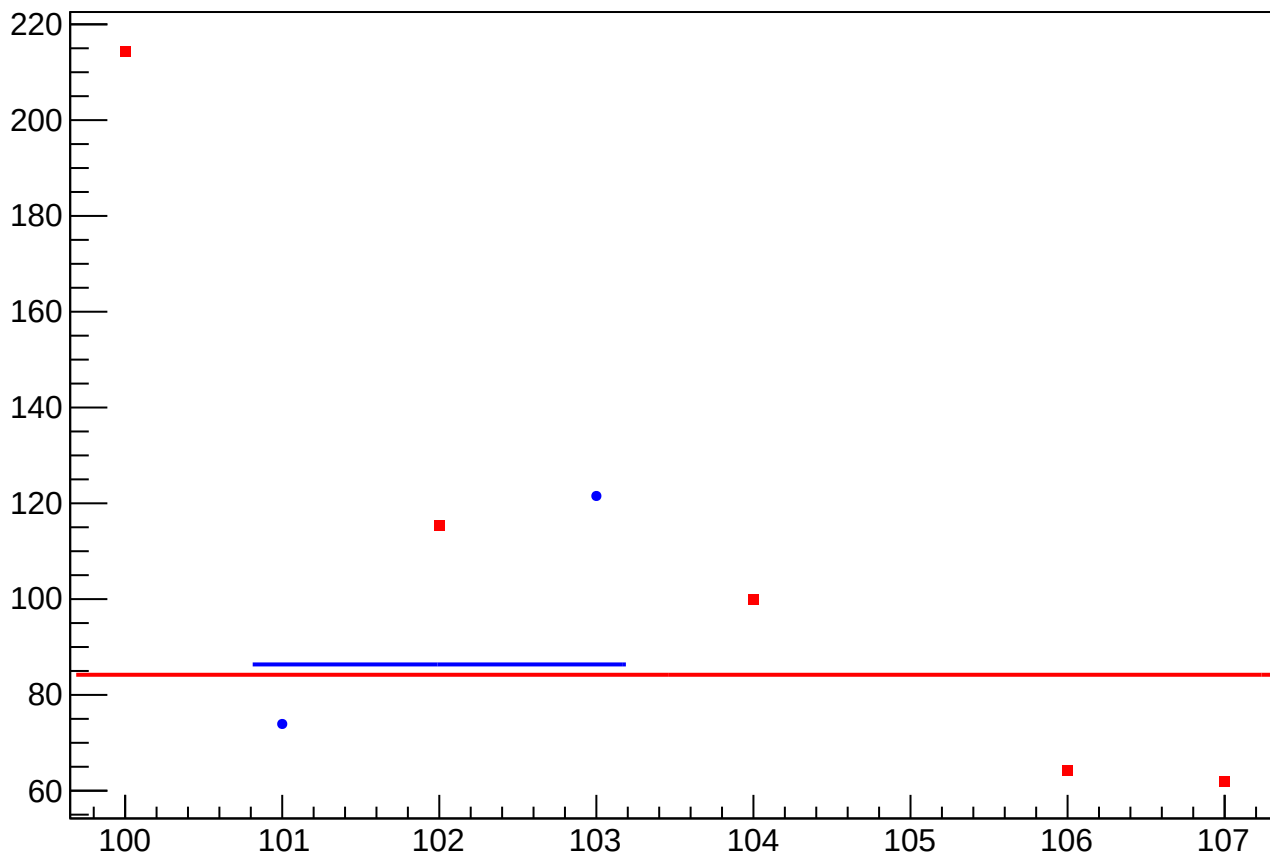
Right: 98.603 $\pm$ 52.453 χ^2 /NDF: 10.5/6

In: 145.100 $\pm$ 80.965 χ^2 /NDF: 0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 98.603 $\pm$ 52.453 χ^2 /NDF: 10.5/6

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 86.363+/-0.057 χ^2/NDF : 133359.1/1

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

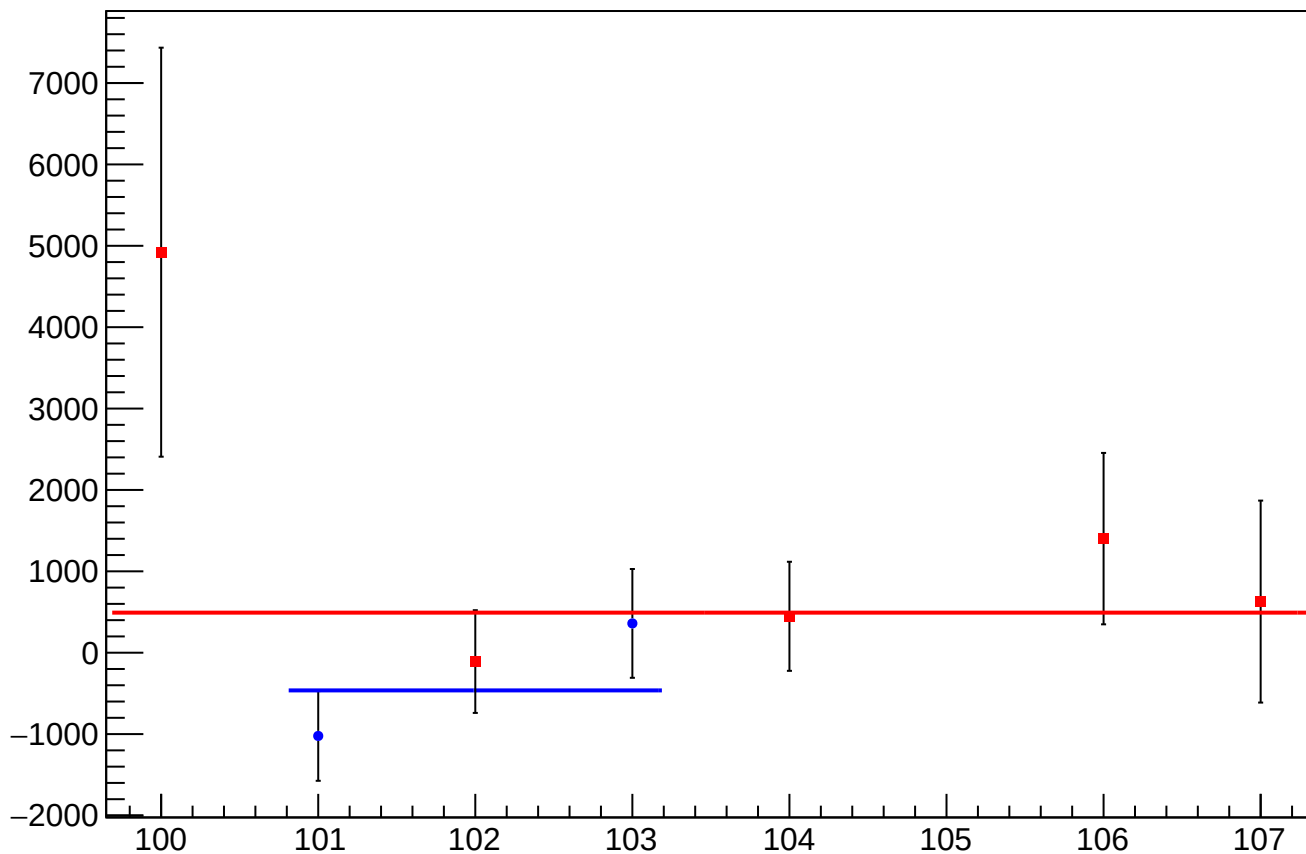
Right: 85.110+/-0.037 χ^2/NDF : 405197.4/6

In: 86.363+/-0.057 χ^2/NDF : 133359.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.110+/-0.037 χ^2/NDF : 405197.4/6

asym_sam_1357_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -463.180+/-425.284 χ^2/NDF : 2.5/1

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

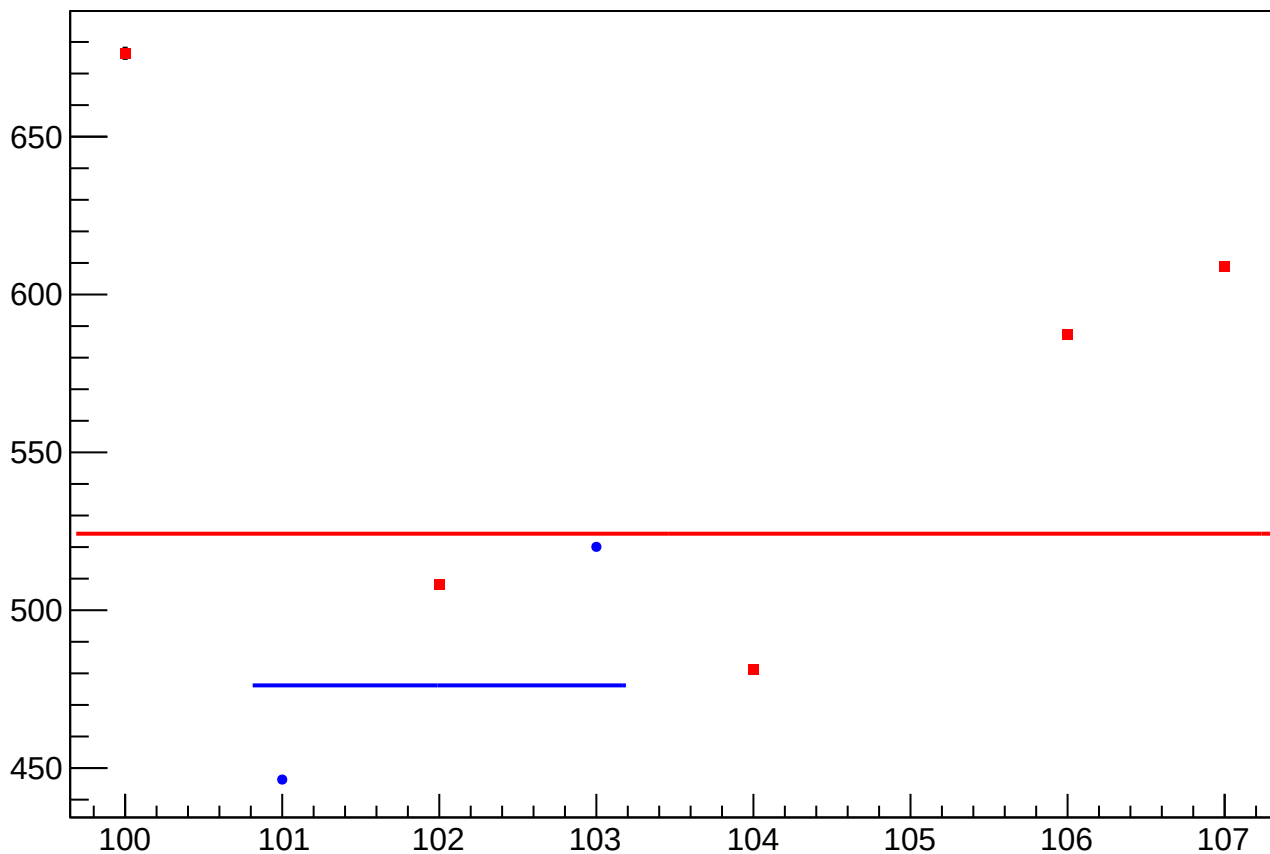
Right: 51.214+/-288.962 χ^2/NDF : 10.0/6

In: -463.180+/-425.284 χ^2/NDF : 2.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.214+/-288.962 χ^2/NDF : 10.0/6

asym_sam_1357_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 476.190 $\pm$ 0.301 χ^2 /NDF: 14477.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 524.241 $\pm$ 0.278 χ^2 /NDF: 33290.0/4

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

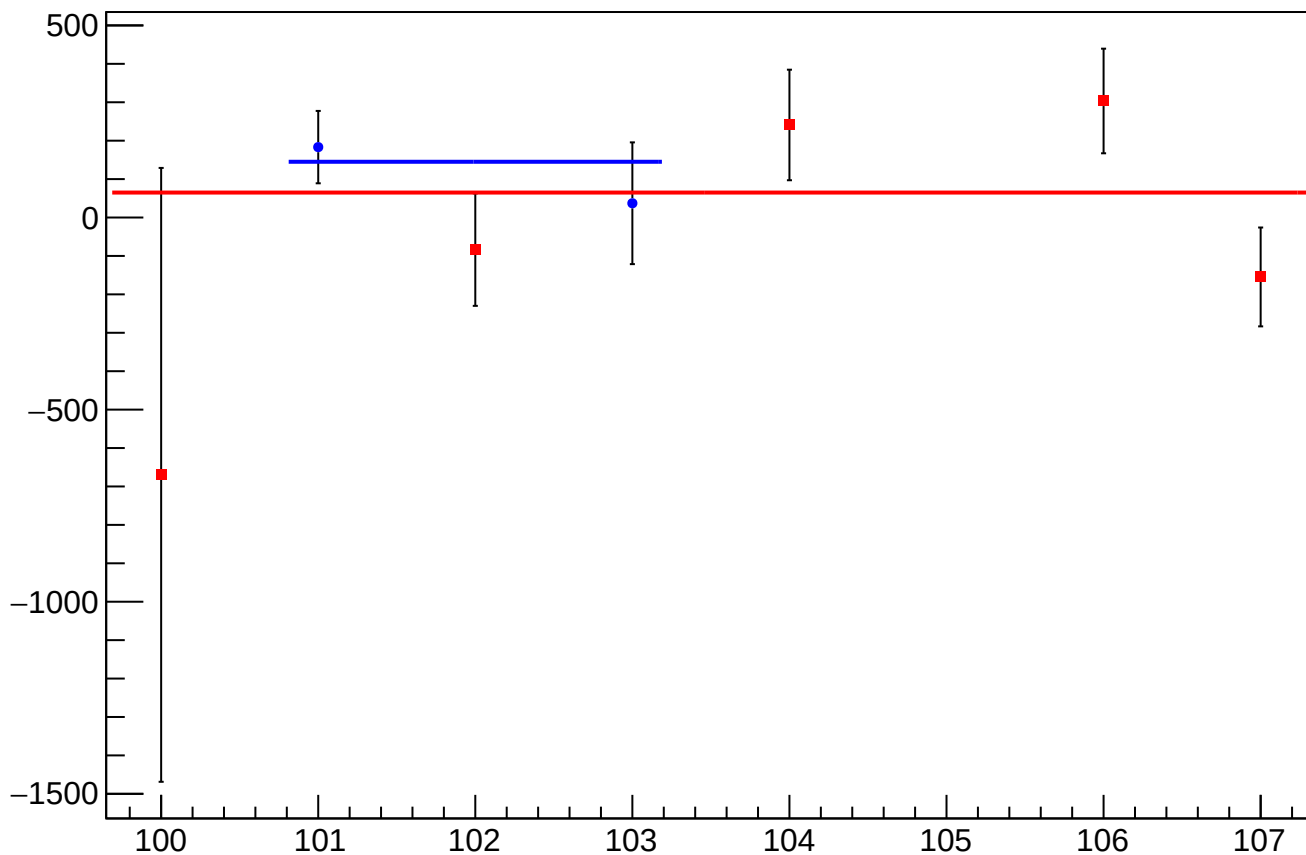
Right: 502.057 $\pm$ 0.204 χ^2 /NDF: 61512.0/6

In: 476.190 $\pm$ 0.301 χ^2 /NDF:14477.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 502.057 $\pm$ 0.204 χ^2 /NDF: 61512.0/6

eigen_dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 145.104 $\pm$ 80.965 χ^2 /NDF: 0.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 64.972 $\pm$ 68.856 χ^2 /NDF: 9.3/4

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

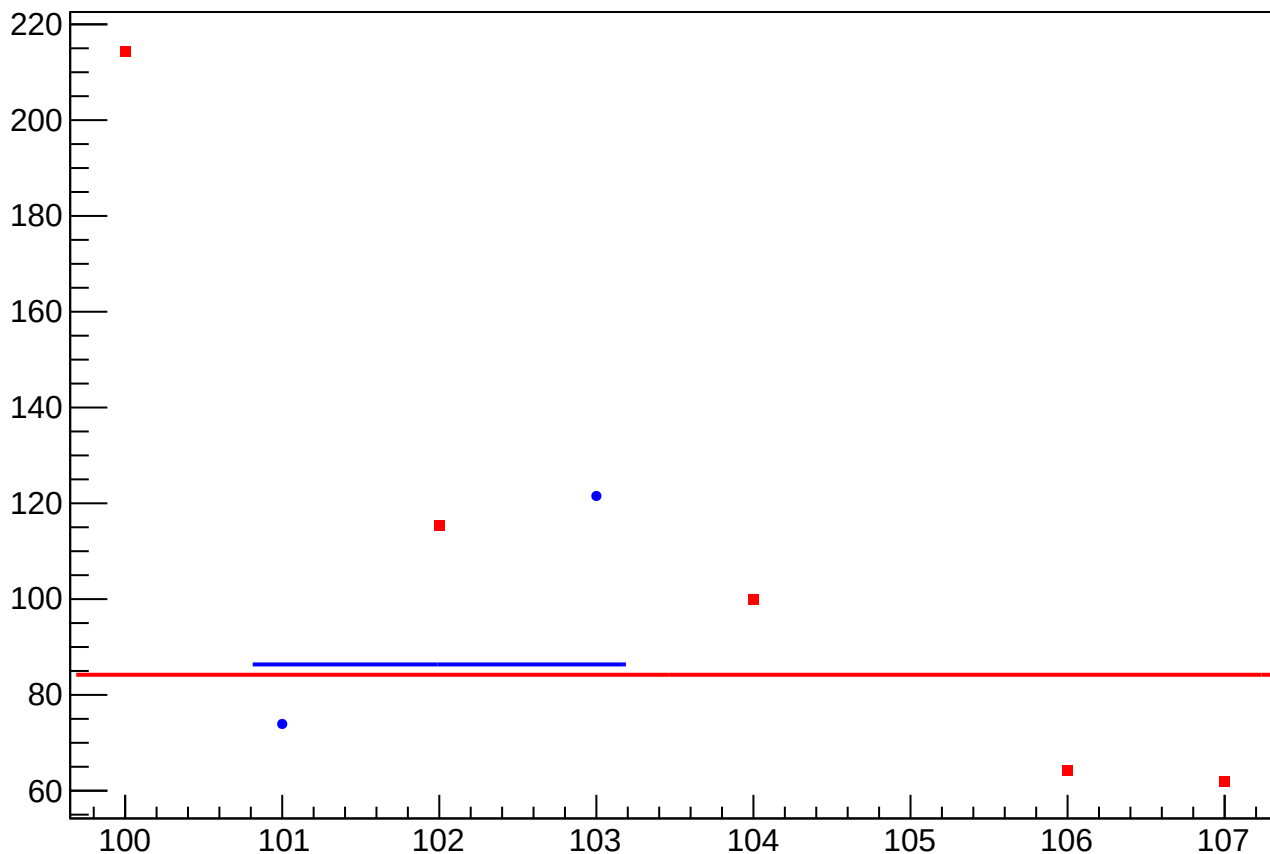
Right: 98.604 $\pm$ 52.453 χ^2 /NDF: 10.5/6

In: 145.104 $\pm$ 80.965 χ^2 /NDF: 0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 98.604 $\pm$ 52.453 χ^2 /NDF: 10.5/6

eigen_dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 86.364+/-0.057 χ^2/NDF : 133357.2/1

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

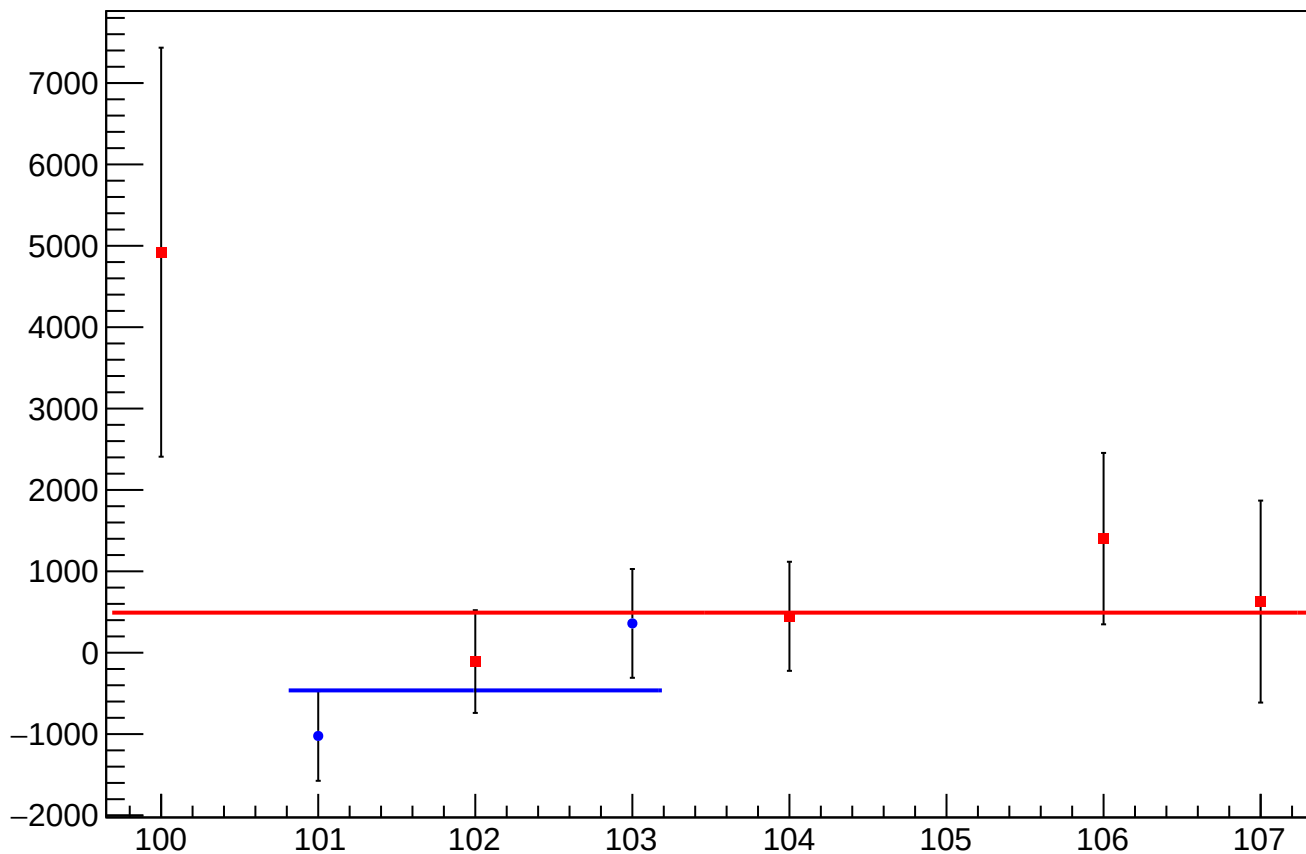
Right: 85.111+/-0.037 χ^2/NDF : 405198.2/6

In: 86.364+/-0.057 χ^2/NDF : 133357.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.111+/-0.037 χ^2/NDF : 405198.2/6

asym_sam_1357_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -463.178+/-425.283 χ^2/NDF : 2.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 492.339+/-393.833 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

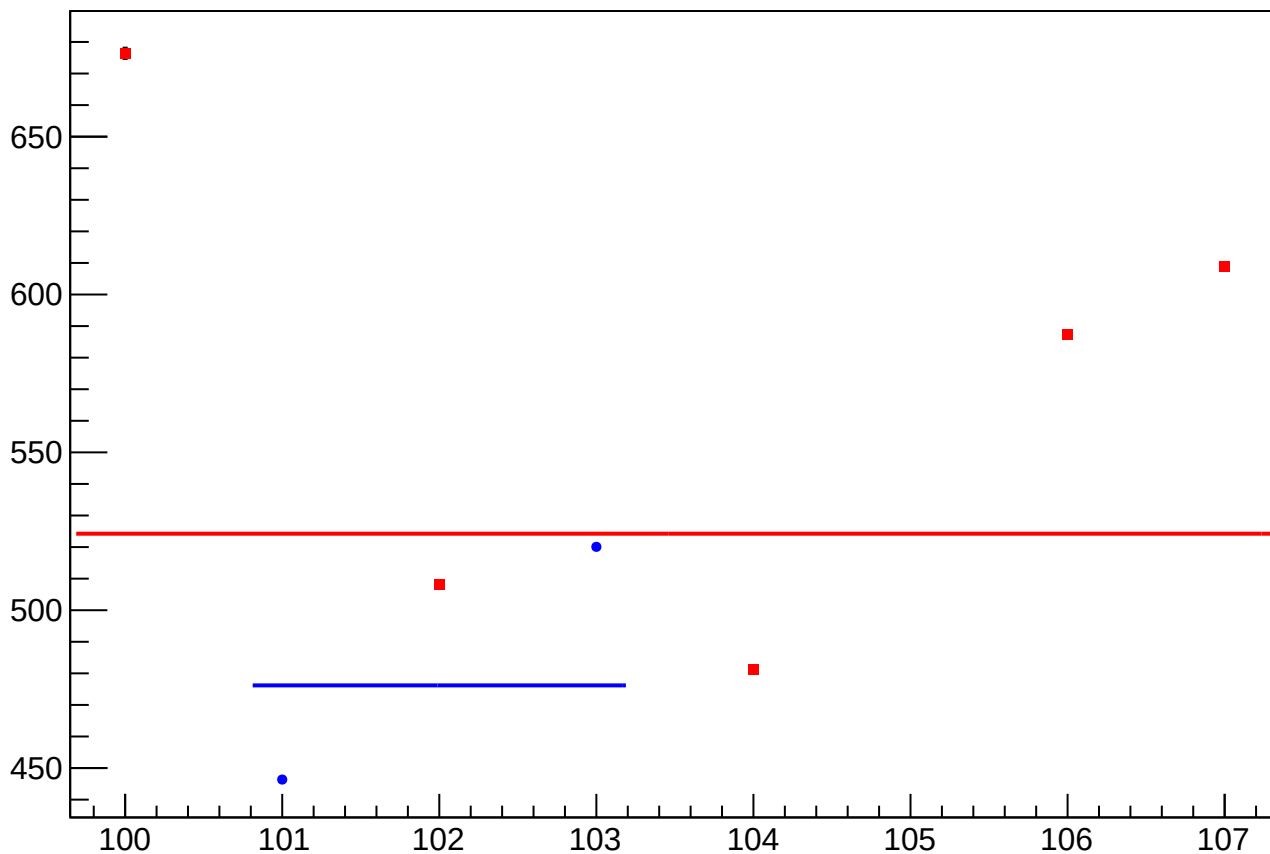
Right: 51.213+/-288.961 χ^2/NDF : 10.0/6

In: -463.178+/-425.283 χ^2/NDF : 2.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.213+/-288.961 χ^2/NDF : 10.0/6

asym_sam_1357_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 476.188+/-0.301 χ^2/NDF : 14477.2/1

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

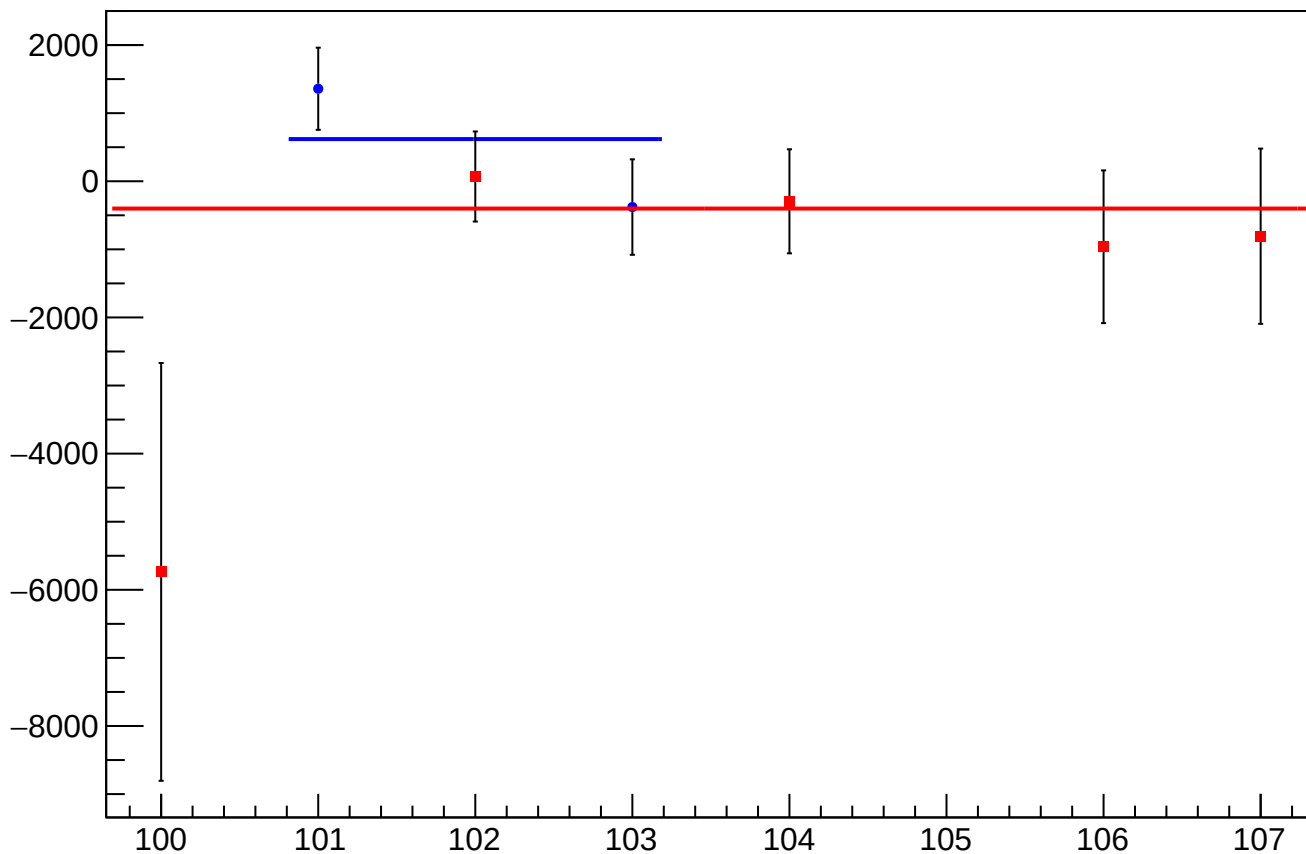
Right: 502.056+/-0.204 χ^2/NDF : 61513.1/6

In: 476.188+/-0.301 χ^2/NDF : 14477.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 502.056+/-0.204 χ^2/NDF : 61513.1/6

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 619.317+/-457.202 χ^2/NDF : 3.5/1

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

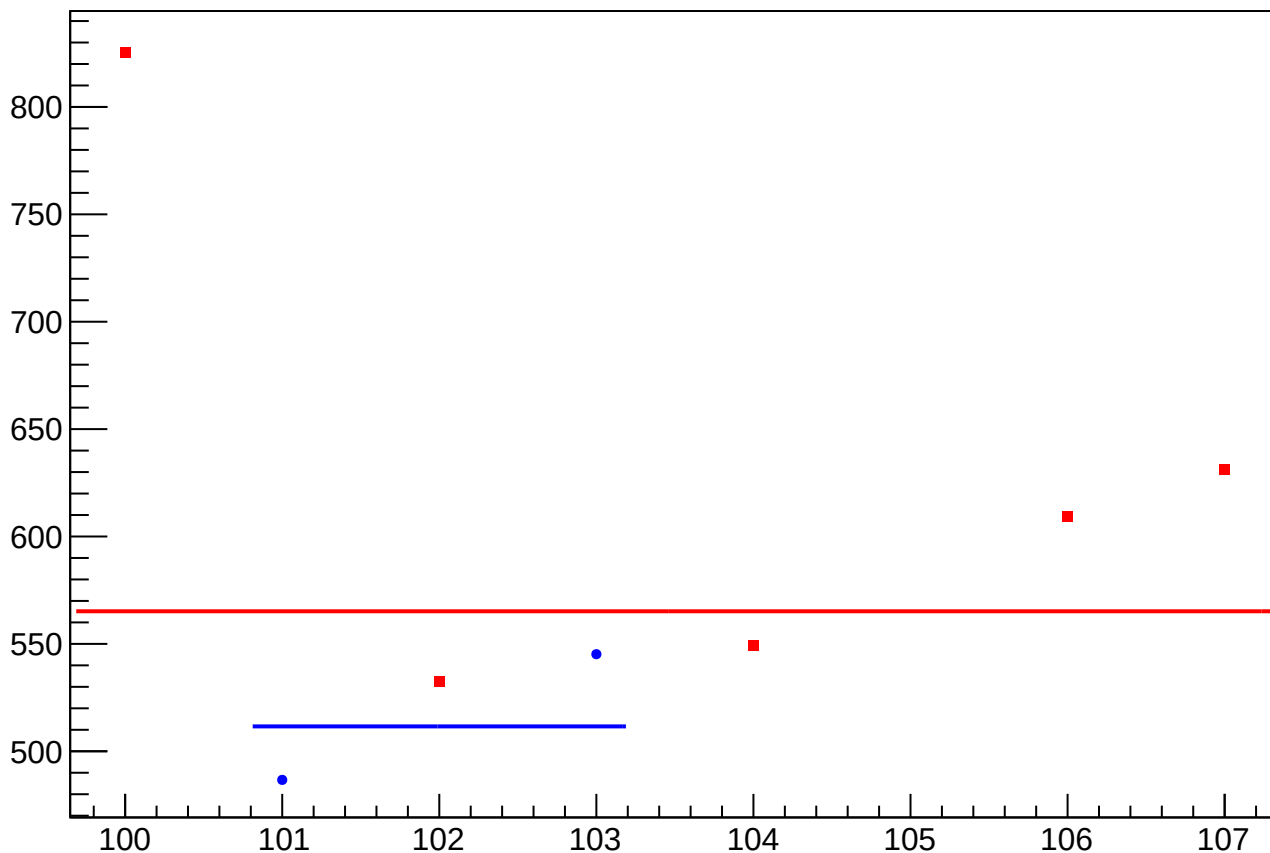
Right: 73.413+/-311.765 χ^2/NDF : 10.1/6

In: 619.317+/-457.202 χ^2/NDF : 3.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.413+/-311.765 χ^2/NDF : 10.1/6

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 511.580+/-0.323 χ^2/NDF : 8011.4/1

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

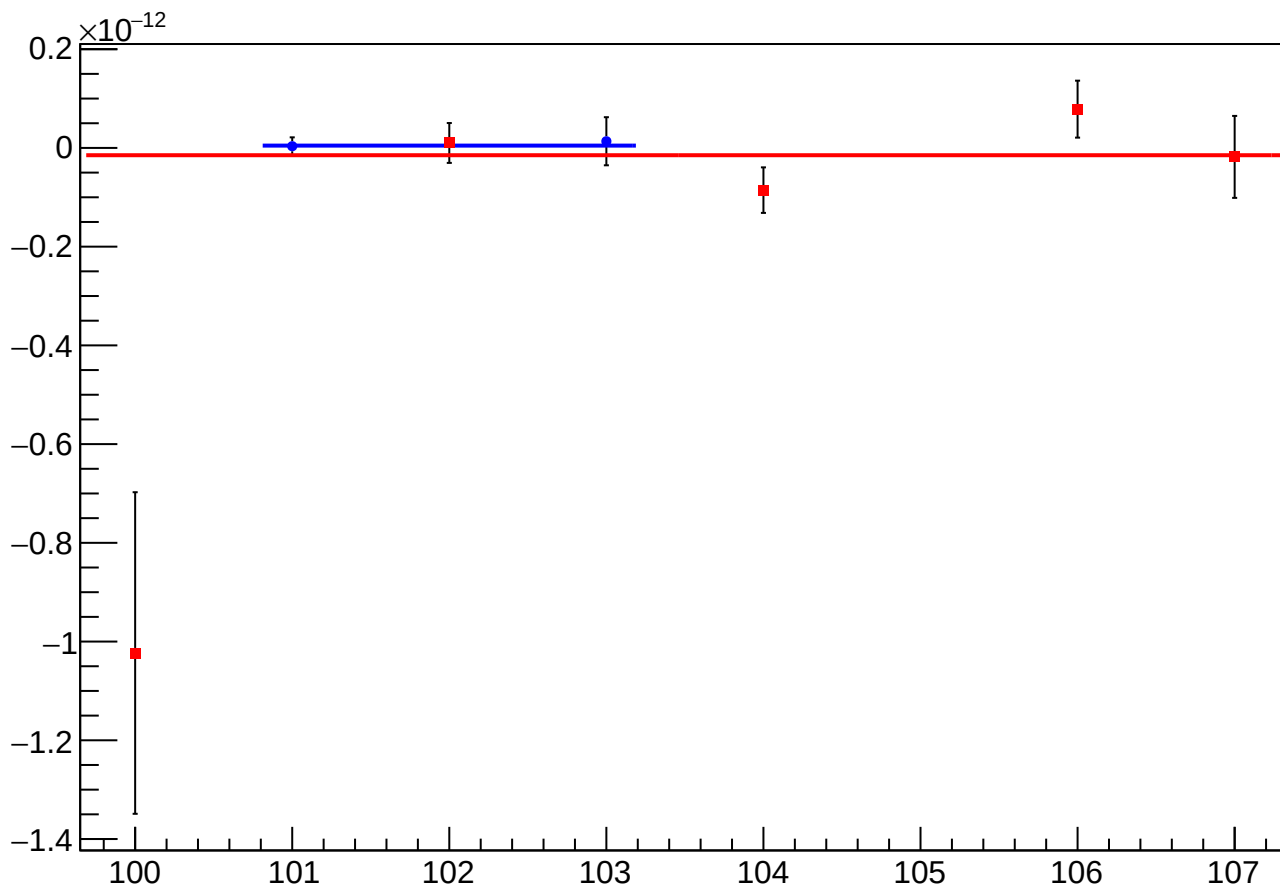
Right: 540.259+/-0.220 χ^2/NDF : 51213.5/6

In: 511.580+/-0.323 χ^2/NDF : 8011.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 540.259+/-0.220 χ^2/NDF : 51213.5/6

asym_sam_1357_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/1

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

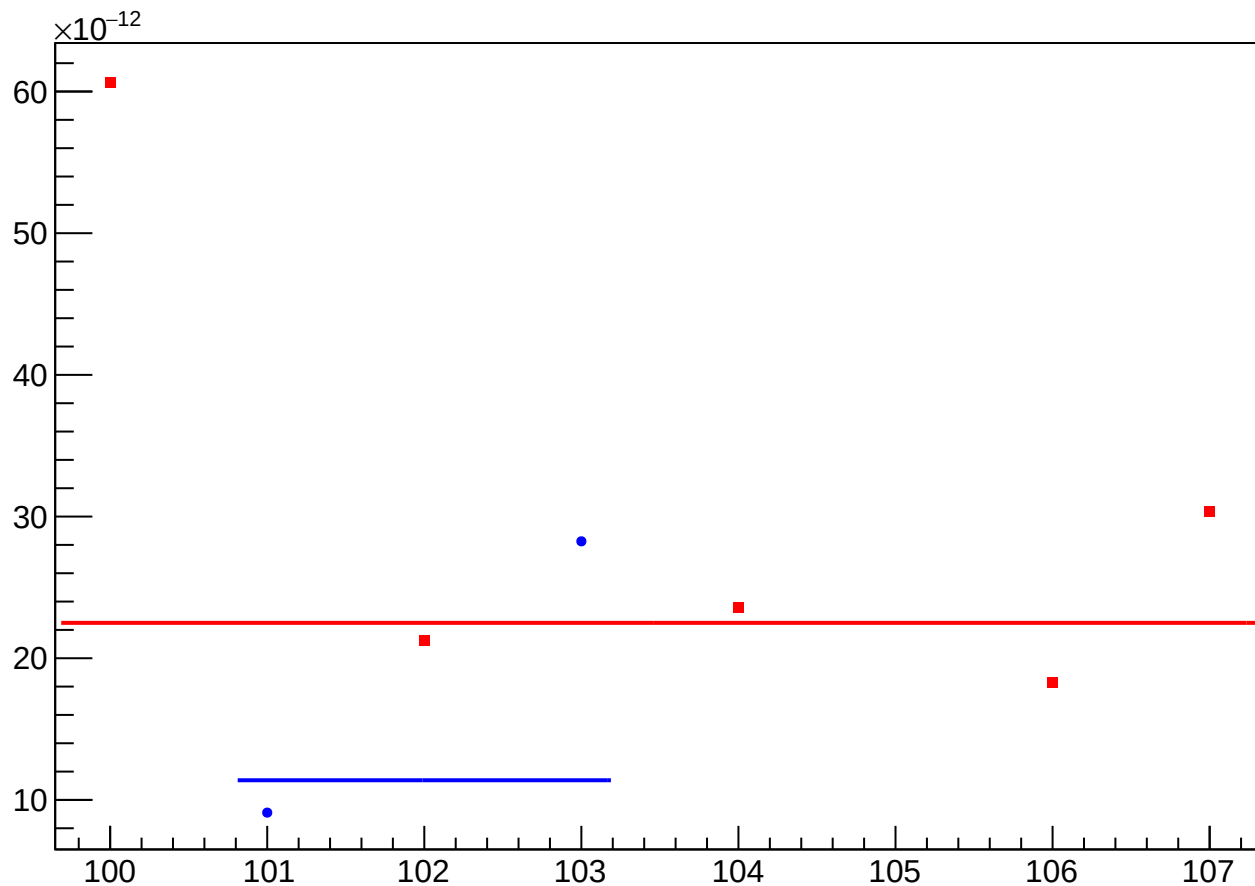
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.4/6

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.4/6

asym_sam_1357_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 272103.6/1

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

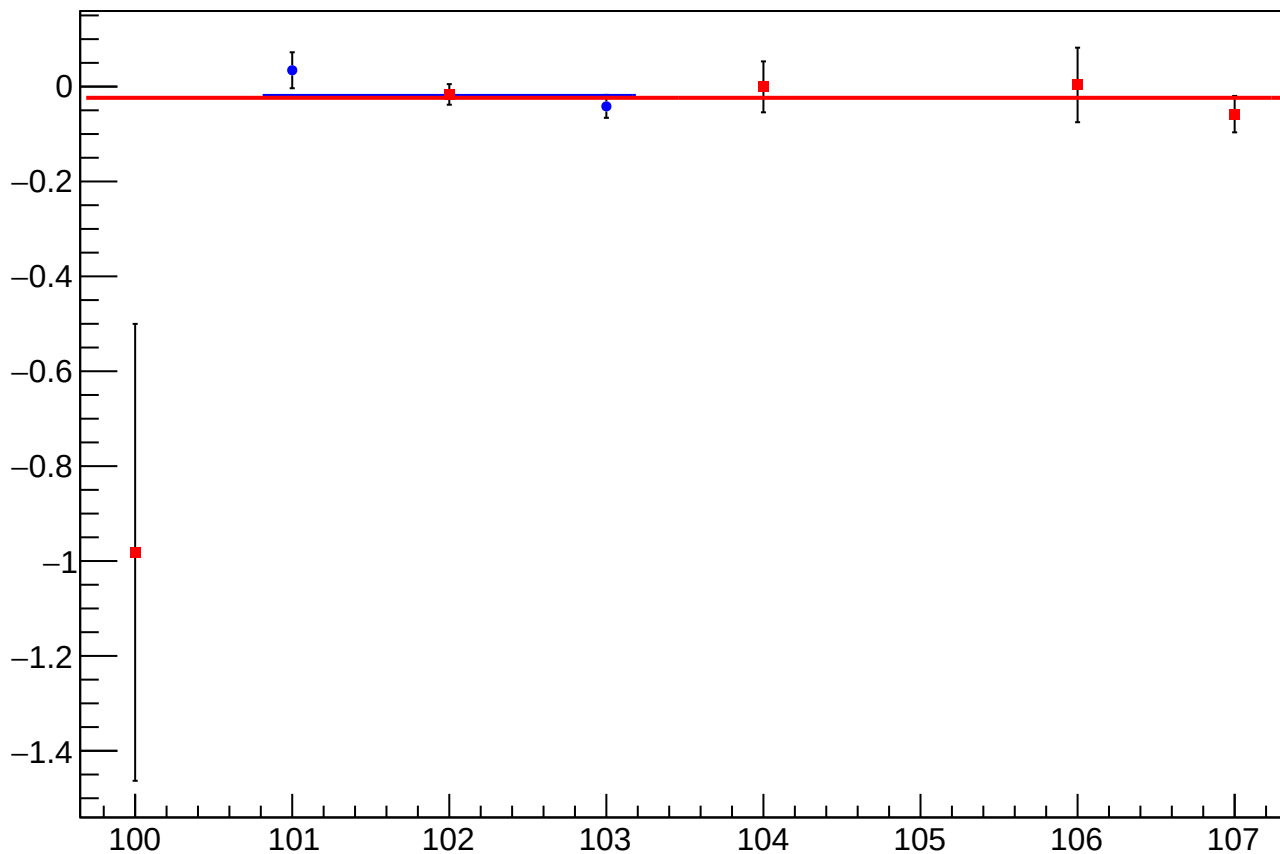
Right: 0.000+/-0.000 χ^2/NDF : 595642.4/6

In: 0.000+/-0.000 χ^2/NDF : 272103.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 595642.4/6

asym_sam_1357_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.020 χ^2 /NDF: 2.9/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.024+/-0.017 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

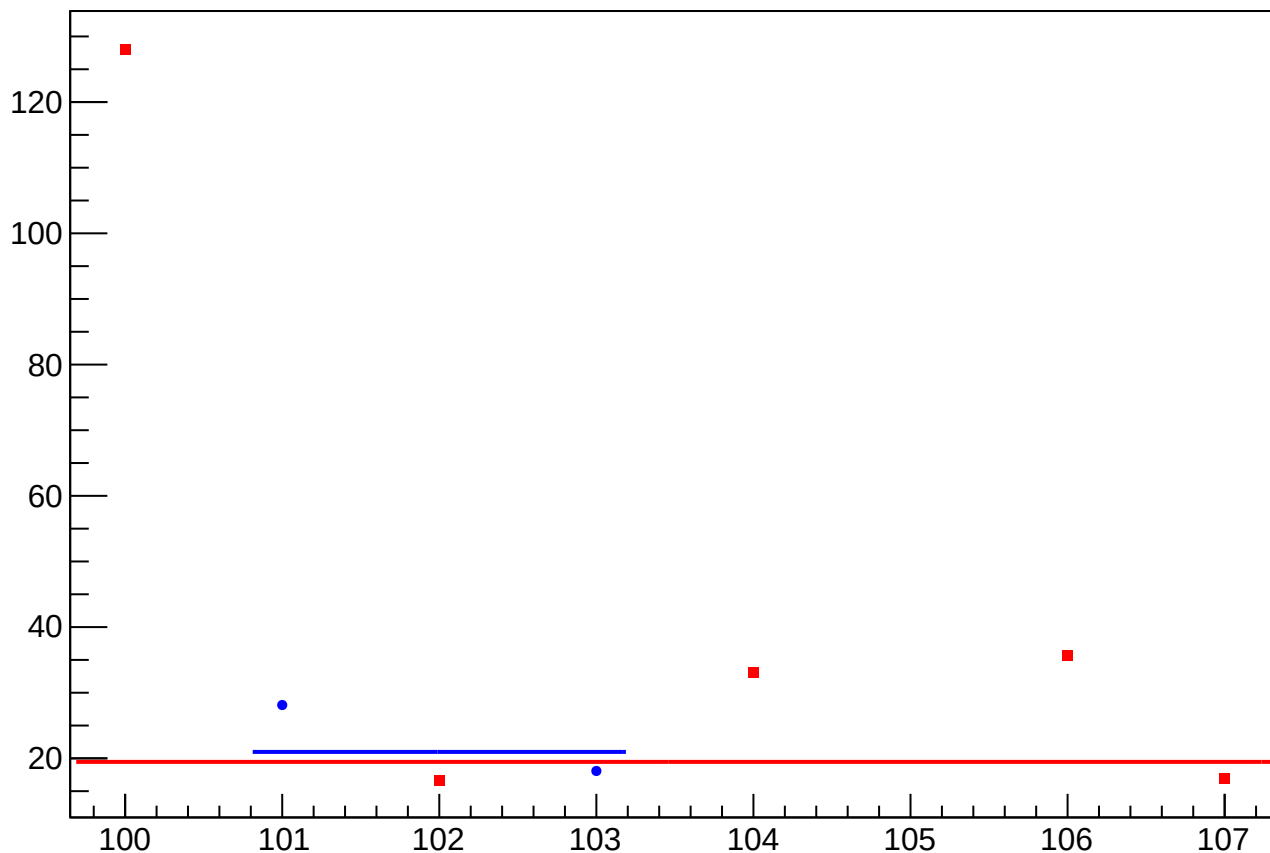
Right: -0.022+/-0.013 χ^2 /NDF: 8.1/6

In: -0.020+/-0.020 χ^2 /NDF:2.9/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.022+/-0.013 χ^2 /NDF: 8.1/6

asym_sam_1357_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.983+/-0.014 χ^2/NDF : 99929.7/1

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

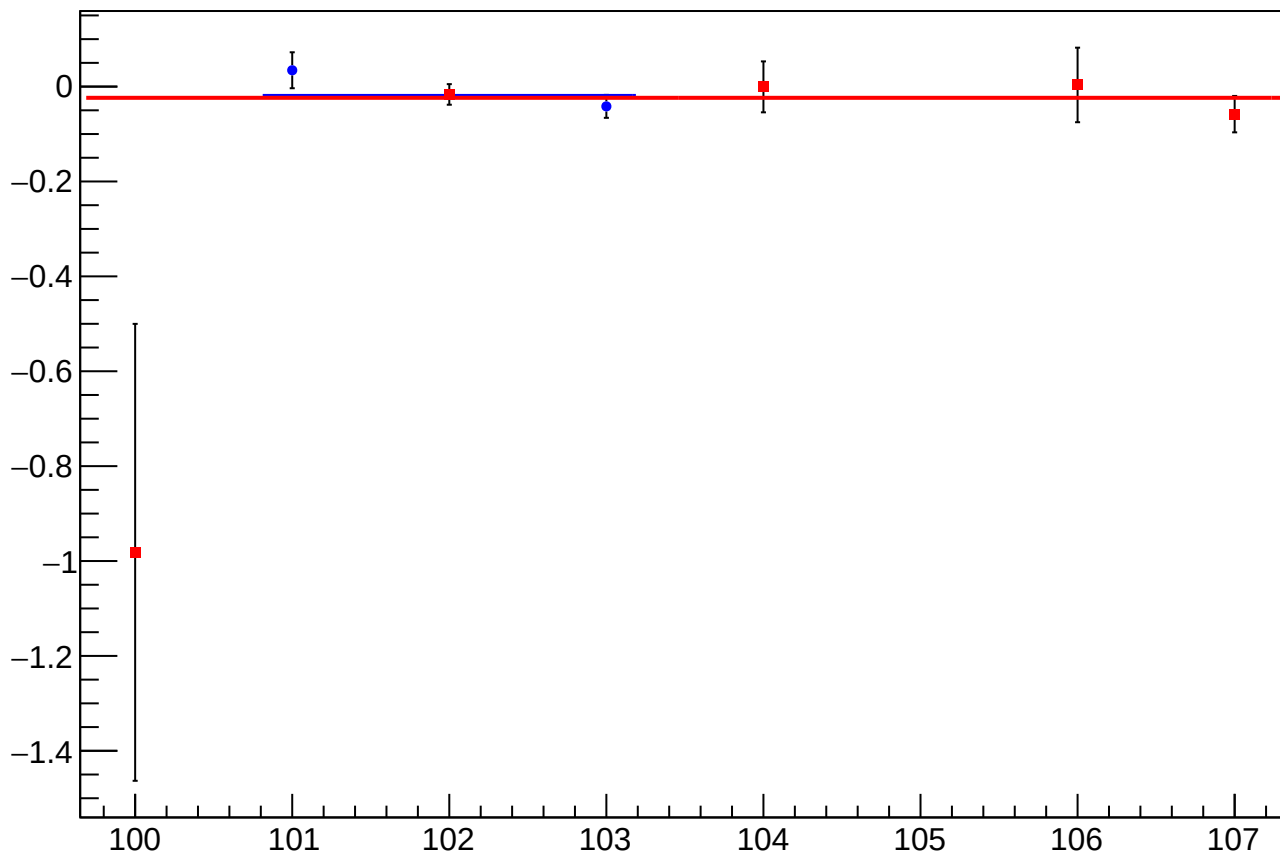
Right: 20.103+/-0.009 χ^2/NDF : 466748.1/6

In: 20.983+/-0.014 χ^2/NDF : 99929.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.103+/-0.009 χ^2/NDF : 466748.1/6

asym_sam_1357_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.020 χ^2/NDF : 2.9/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.024 ± 0.017 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

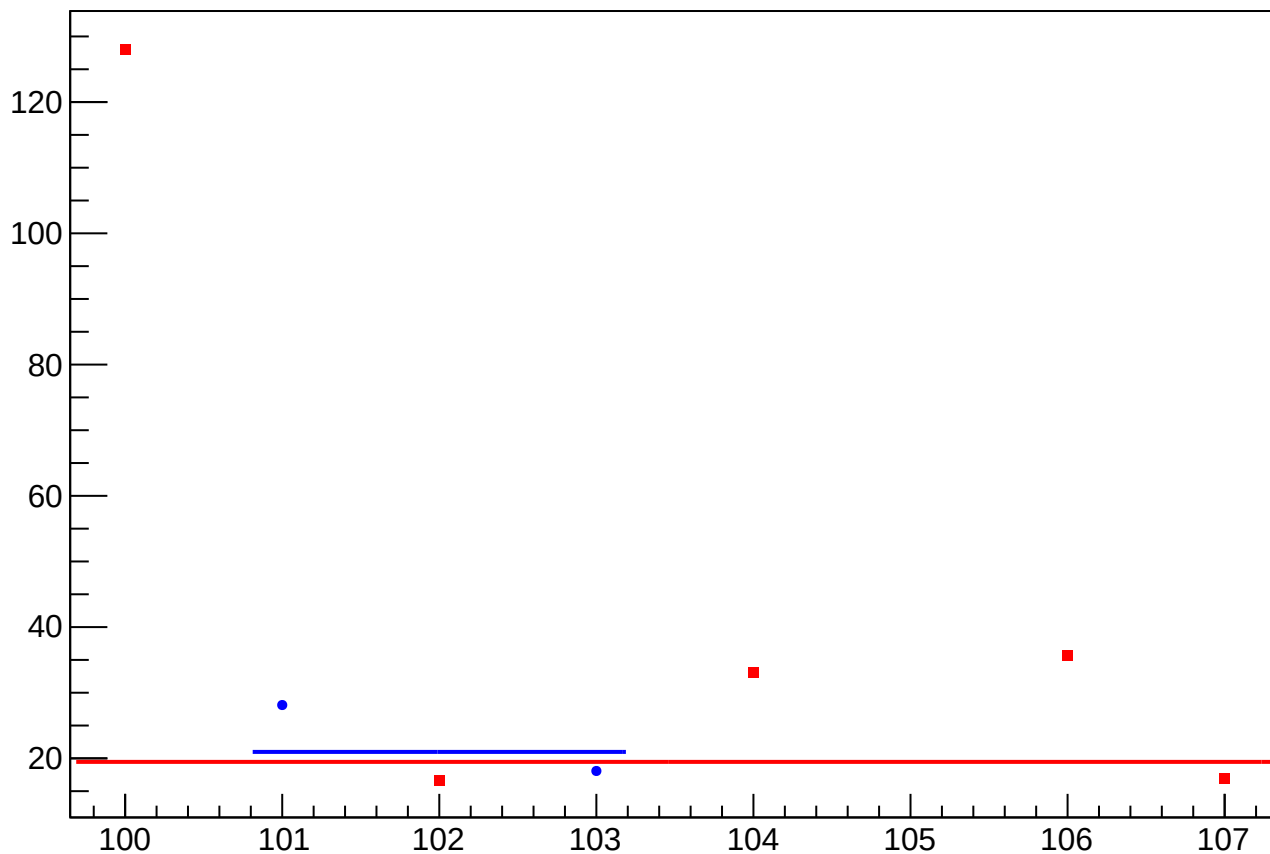
Right: -0.022 ± 0.013 χ^2/NDF : 8.1/6

In: -0.020 ± 0.020 χ^2/NDF : 2.9/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.022 ± 0.013 χ^2/NDF : 8.1/6

asym_sam_1357_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.983+/-0.014 χ^2/NDF : 99929.7/1

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

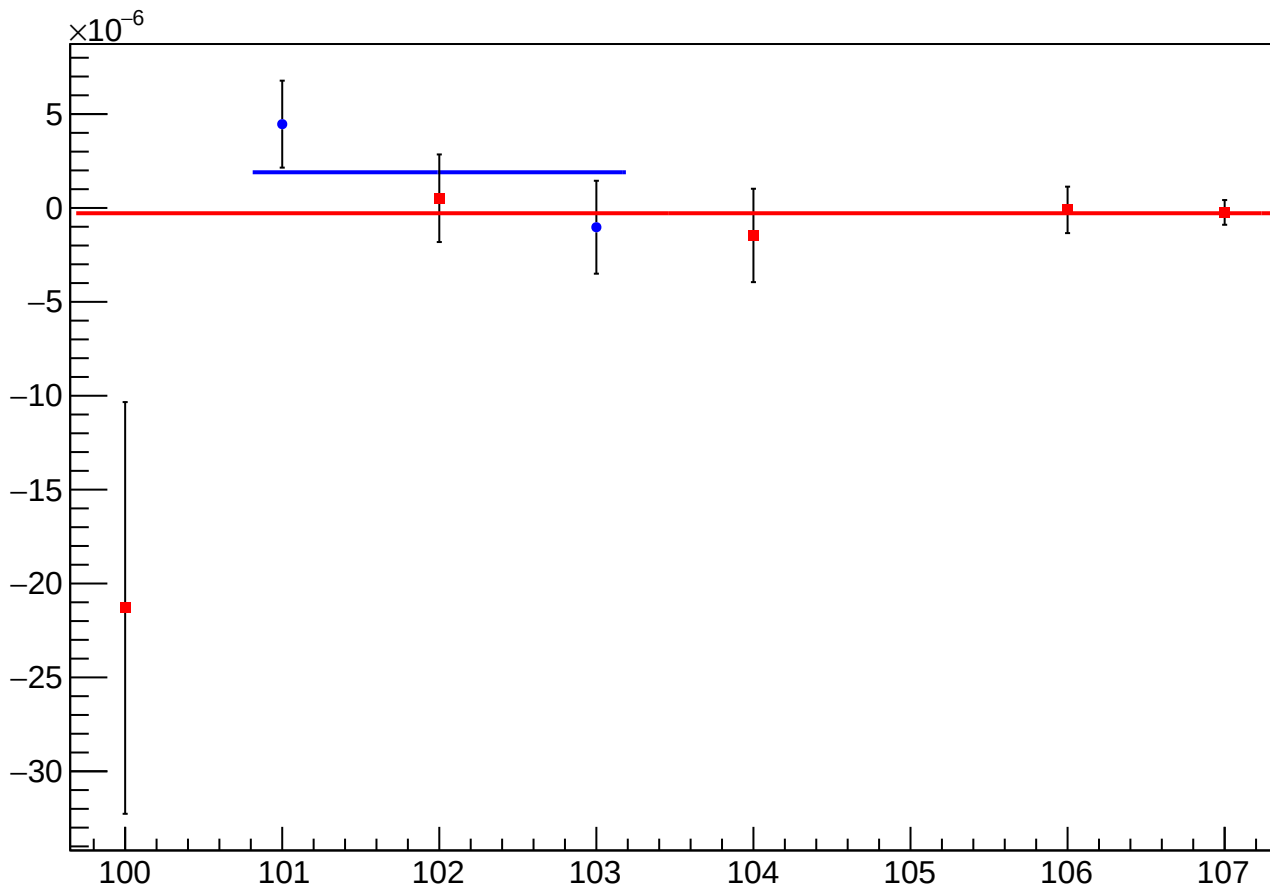
Right: 20.103+/-0.009 χ^2/NDF : 466748.1/6

In: 20.983+/-0.014 χ^2/NDF : 99929.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.103+/-0.009 χ^2/NDF : 466748.1/6

asym_sam_1357_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.6/1

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

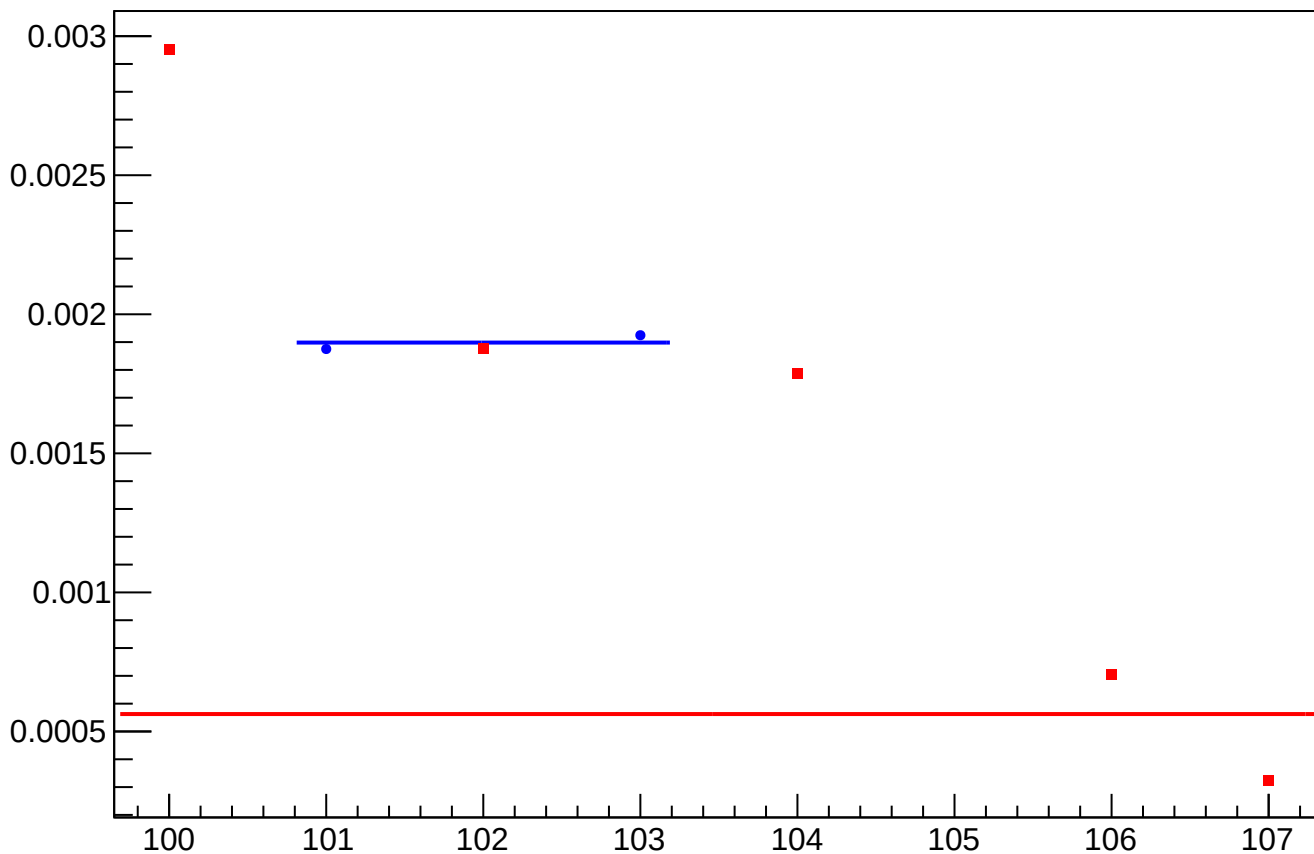
Right: -0.000+/-0.000 χ^2/NDF : 8.2/6

In: 0.000+/-0.000 χ^2/NDF : 2.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.2/6

asym_sam_1357_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 427.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.000 χ^2 /NDF: 1506723.9/4

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

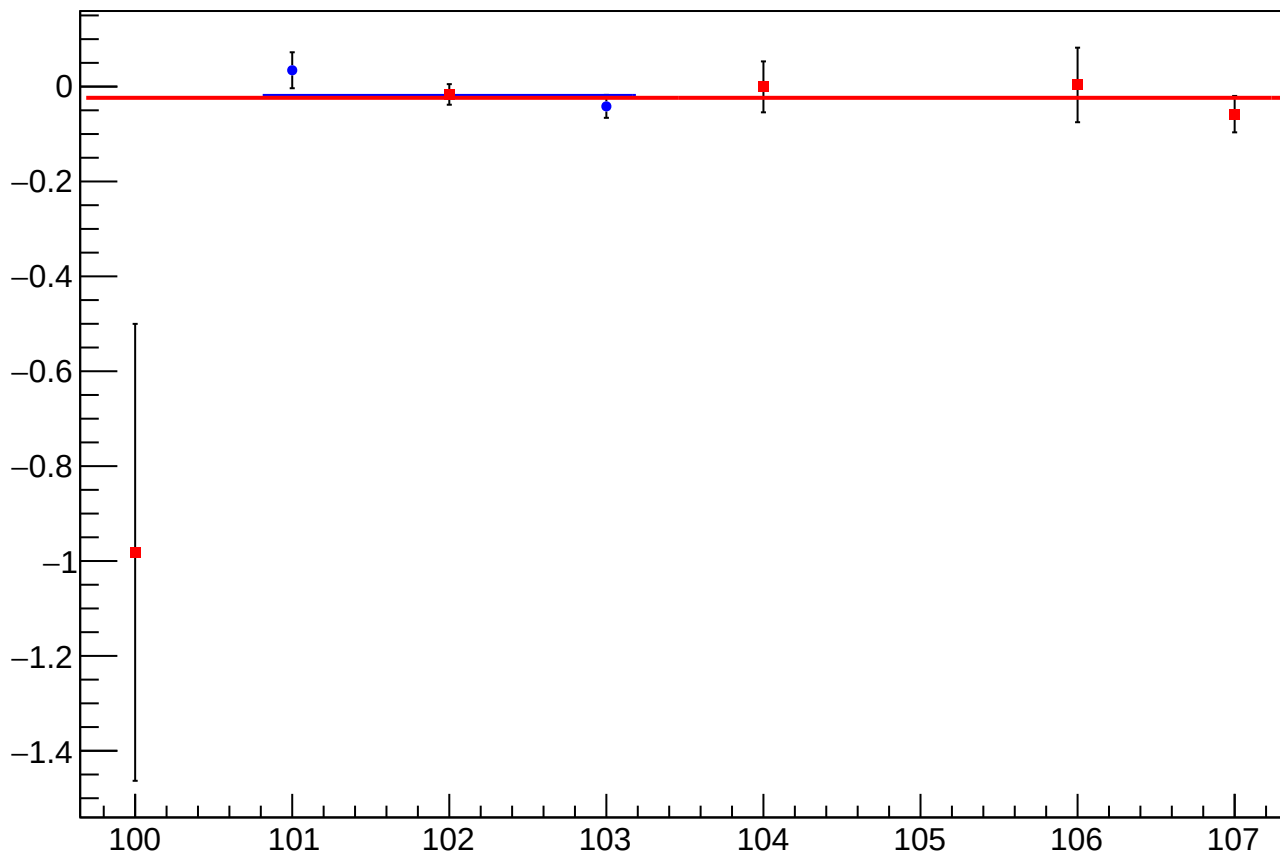
Right: 0.001 $\pm$ 0.000 χ^2 /NDF: 2636205.0/6

In: 0.002 $\pm$ 0.000 χ^2 /NDF:427.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.000 χ^2 /NDF: 2636205.0/6

asym_sam_1357_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.020 χ^2/NDF : 2.9/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.024 ± 0.017 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

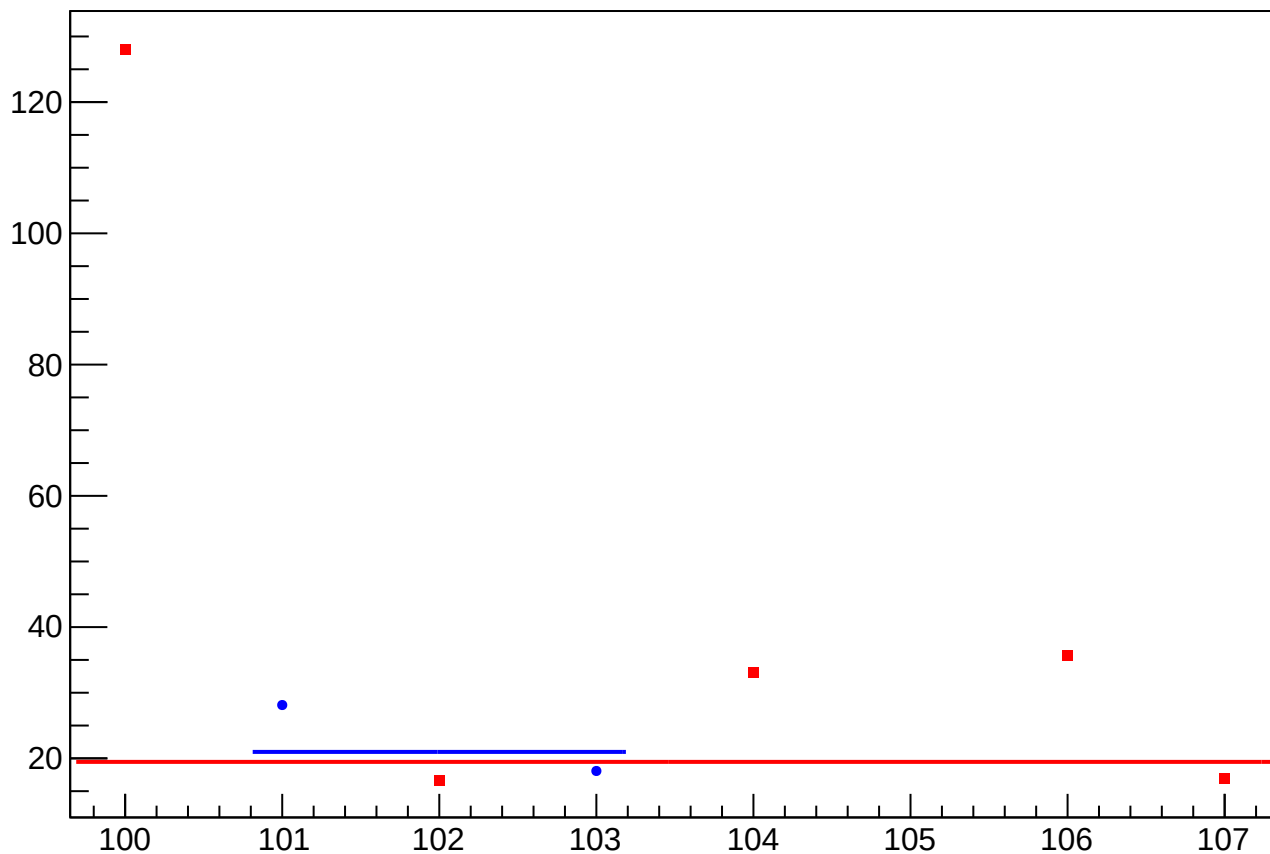
Right: -0.022 ± 0.013 χ^2/NDF : 8.1/6

In: -0.020 ± 0.020 χ^2/NDF : 2.9/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.022 ± 0.013 χ^2/NDF : 8.1/6

asym_sam_1357_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.984+/-0.014 χ^2/NDF : 99937.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.464+/-0.012 χ^2/NDF : 360381.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

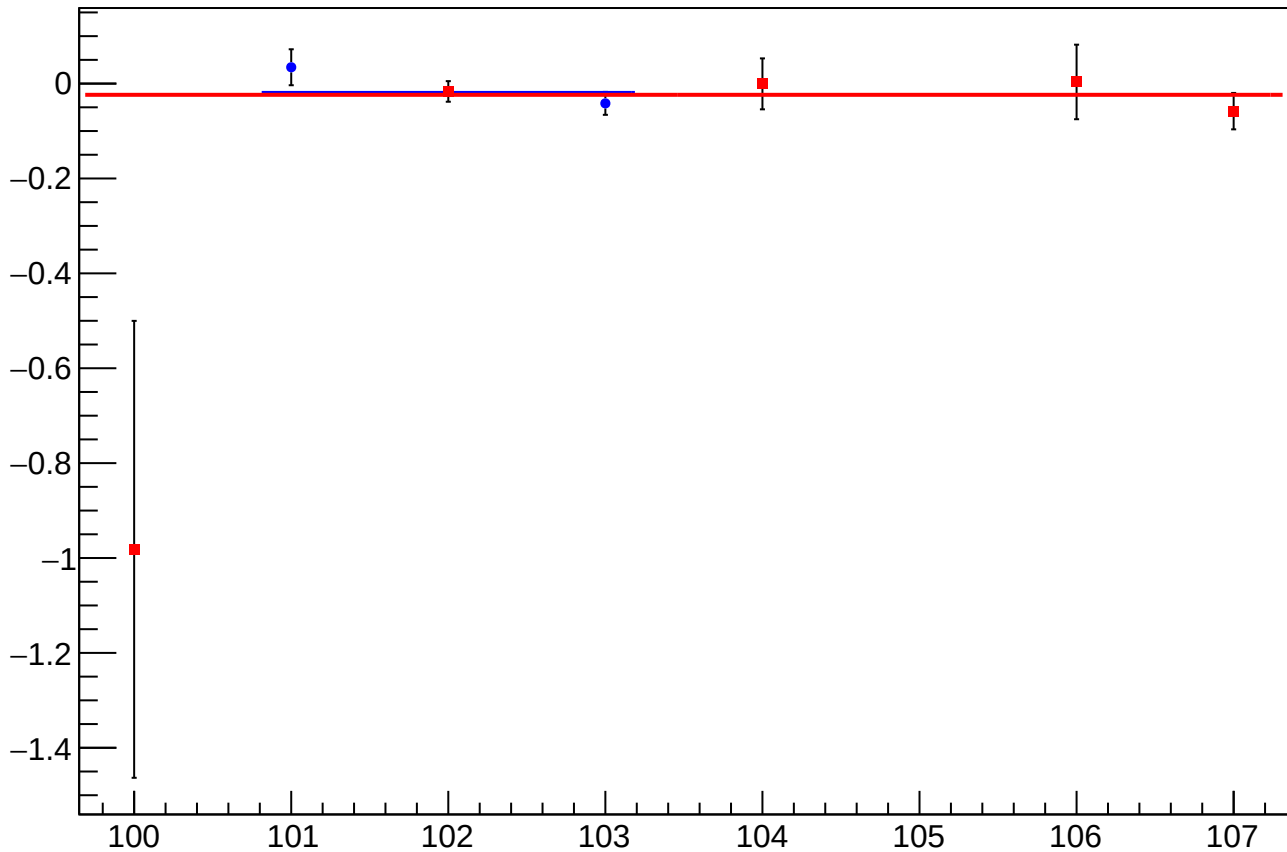
Right: 20.103+/-0.009 χ^2/NDF : 466765.0/6

In: 20.984+/-0.014 χ^2/NDF : 99937.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.103+/-0.009 χ^2/NDF : 466765.0/6

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 $\pm$ 0.020 χ^2 /NDF: 2.9/1

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

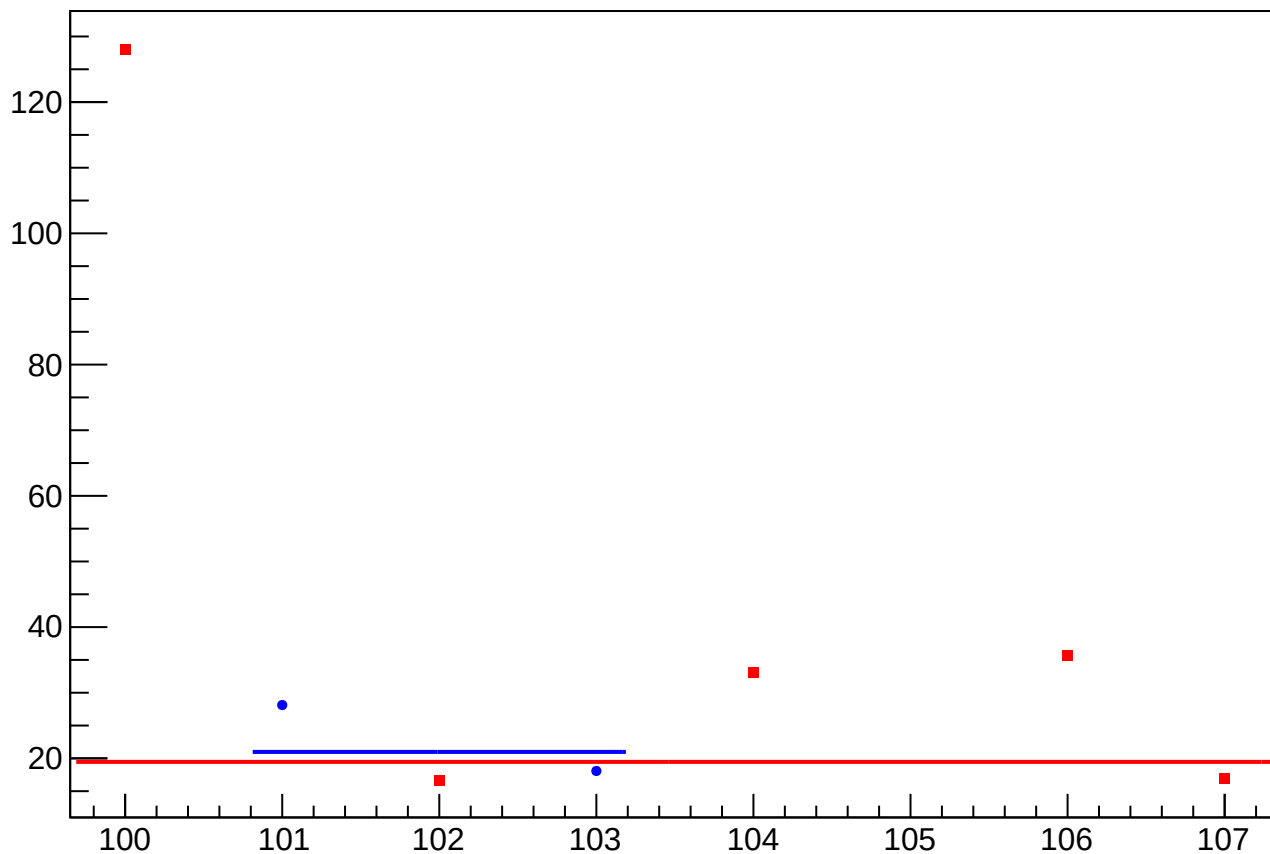
Right: -0.022 $\pm$ 0.013 χ^2 /NDF: 8.1/6

In: -0.020 $\pm$ 0.020 χ^2 /NDF:2.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.022 $\pm$ 0.013 χ^2 /NDF: 8.1/6

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.984+/-0.014 χ^2/NDF : 99937.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.464+/-0.012 χ^2/NDF : 360381.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

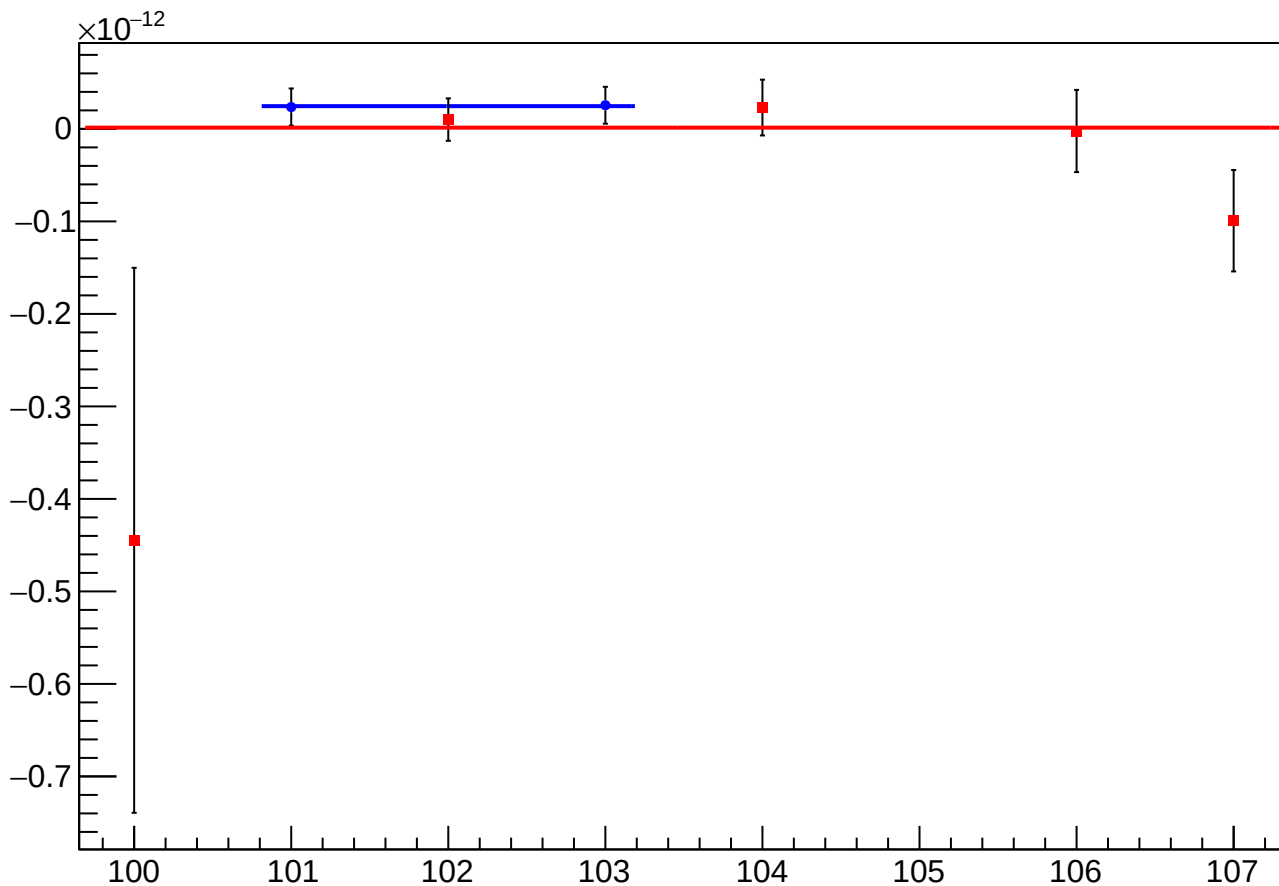
Right: 20.103+/-0.009 χ^2/NDF : 466765.0/6

In: 20.984+/-0.014 χ^2/NDF : 99937.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.103+/-0.009 χ^2/NDF : 466765.0/6

asym_sam_1357_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/1

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

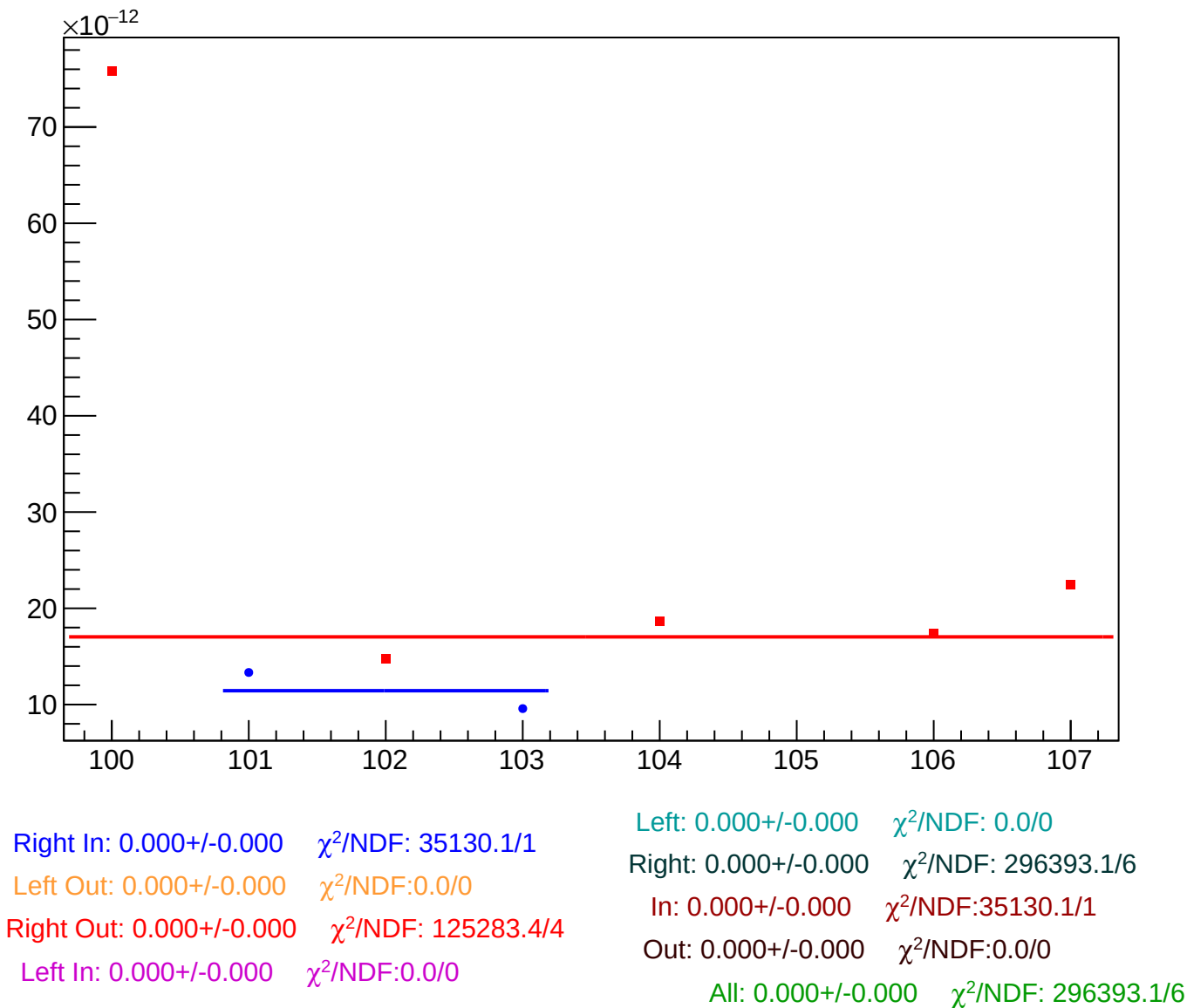
Right: 0.000+/-0.000 χ^2/NDF : 7.5/6

In: 0.000+/-0.000 χ^2/NDF : 0.0/1

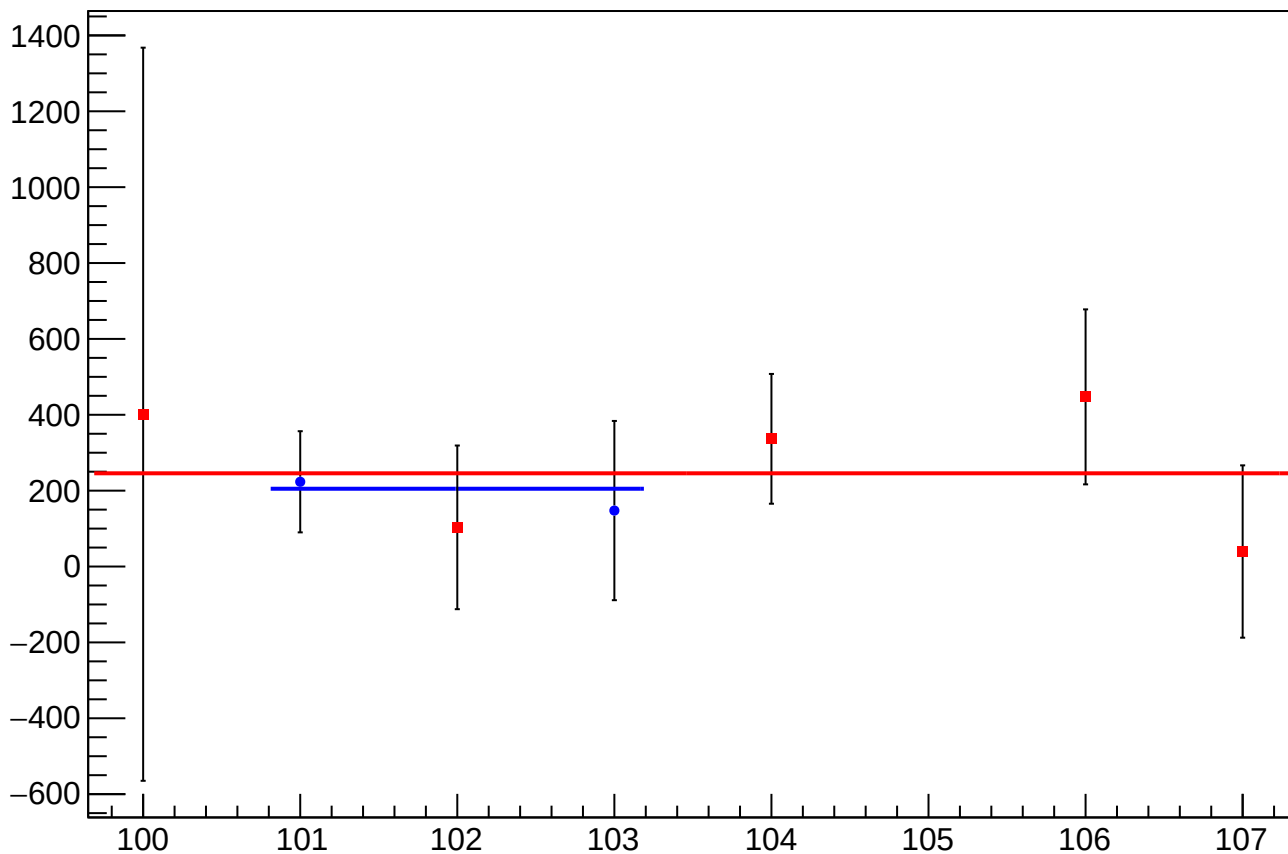
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.5/6

asym_sam_1357_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



reg_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 205.048 $\pm$ 116.120 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 245.749 $\pm$ 102.640 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

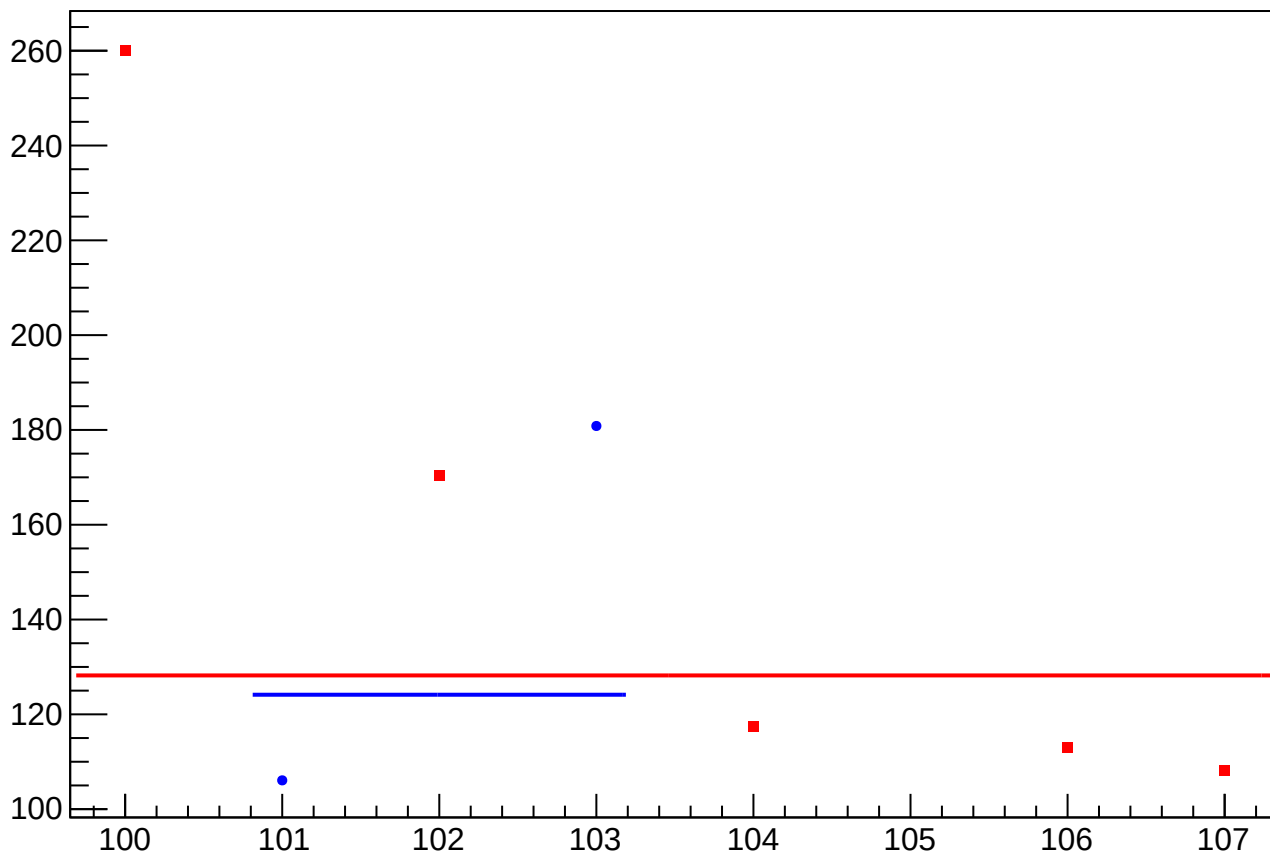
Right: 227.897 $\pm$ 76.904 χ^2 /NDF: 2.5/6

In: 205.048 $\pm$ 116.120 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 227.897 $\pm$ 76.904 χ^2 /NDF: 2.5/6

reg_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 124.137+/-0.082 χ^2/NDF : 151903.5/1

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

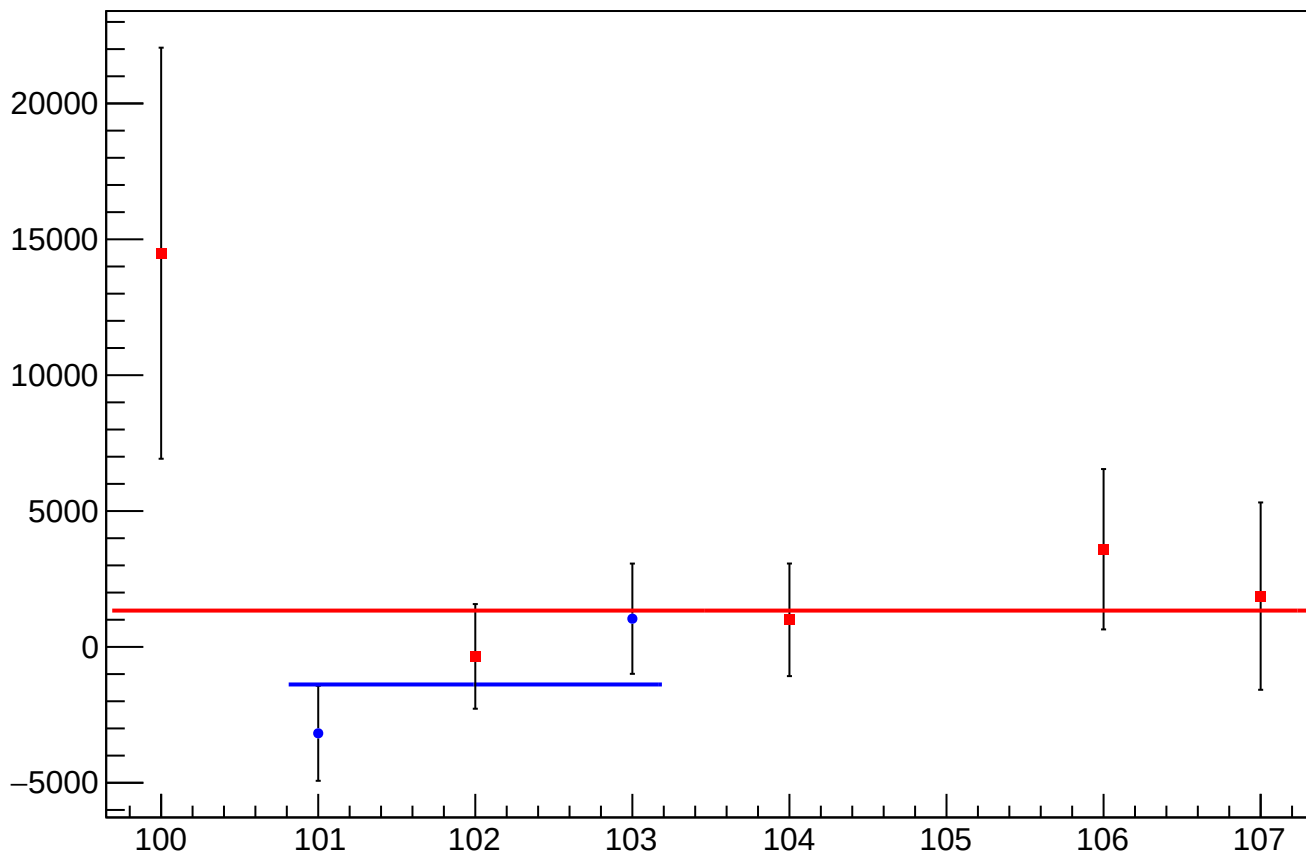
Right: 126.423+/-0.054 χ^2/NDF : 299124.4/6

In: 124.137+/-0.082 χ^2/NDF : 151903.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.423+/-0.054 χ^2/NDF : 299124.4/6

asym_sam_2468_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1382.257+/-1324.300 χ^2/NDF : 2.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1337.092+/-1179.238 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

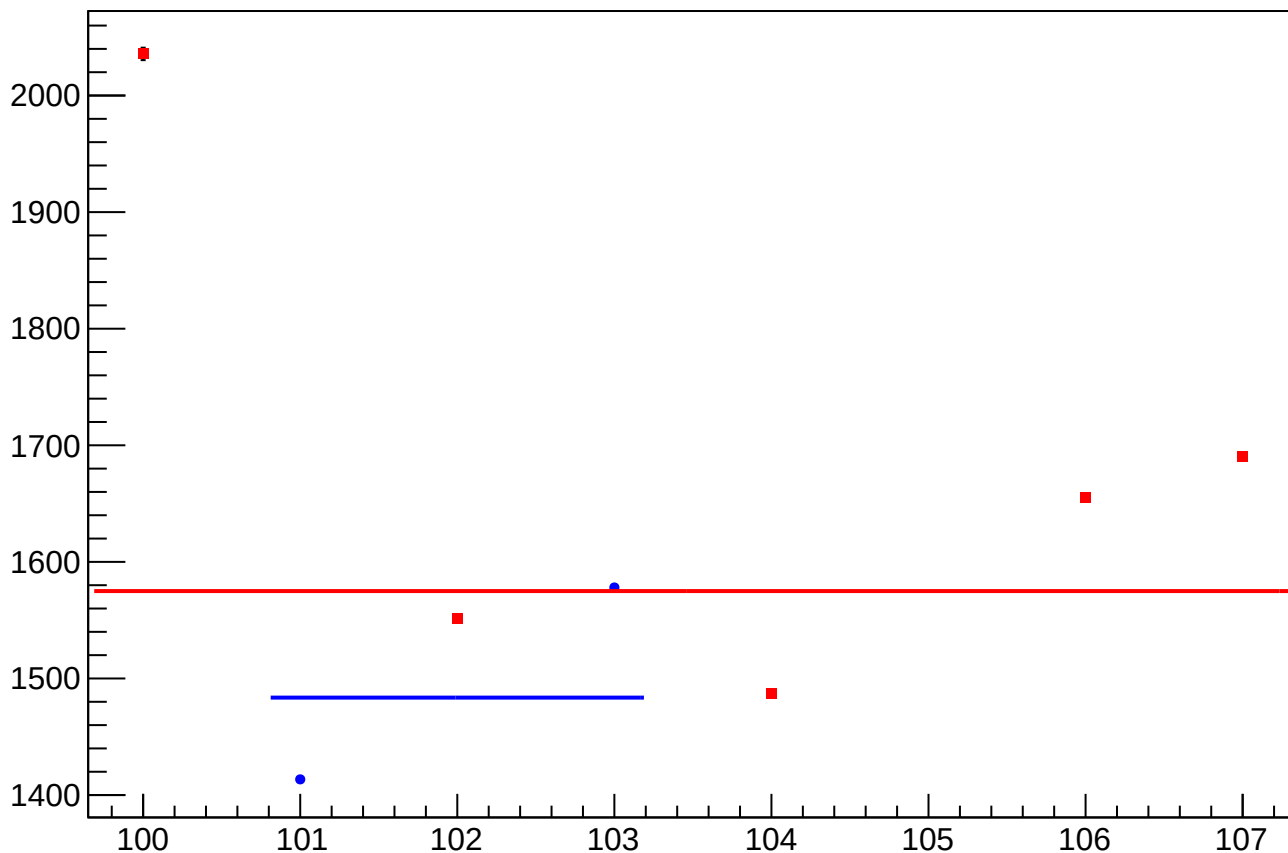
Right: 134.457+/-880.686 χ^2/NDF : 9.3/6

In: -1382.257+/-1324.300 χ^2/NDF : 2.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.457+/-880.686 χ^2/NDF : 9.3/6

asym_sam_2468_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1483.588 $\pm$ 0.936 χ^2 /NDF: 7551.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1574.969 $\pm$ 0.834 χ^2 /NDF: 15063.4/4

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

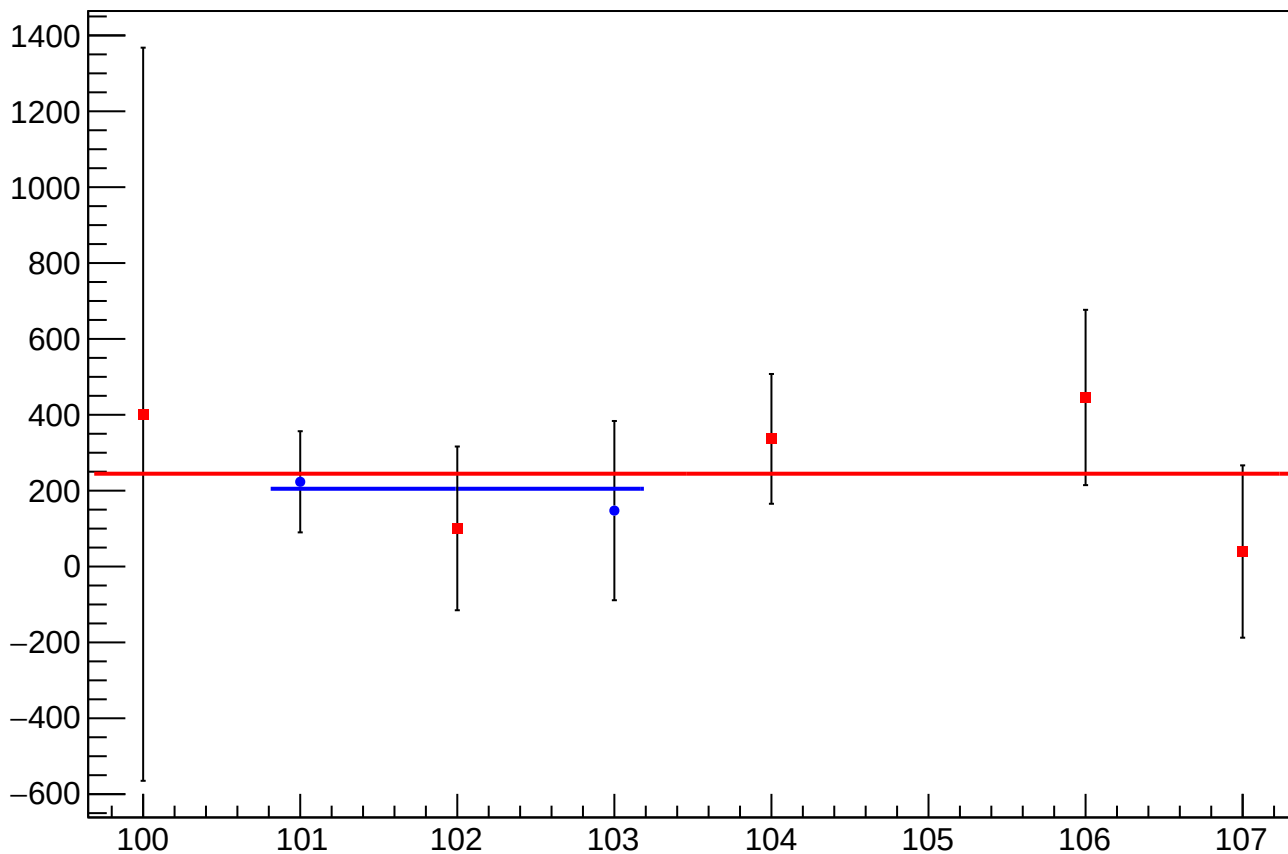
Right: 1534.555 $\pm$ 0.623 χ^2 /NDF: 27926.7/6

In: 1483.588 $\pm$ 0.936 χ^2 /NDF:7551.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1534.555 $\pm$ 0.623 χ^2 /NDF: 27926.7/6

cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 205.020 $\pm$ 116.120 χ^2 /NDF: 0.1/1

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

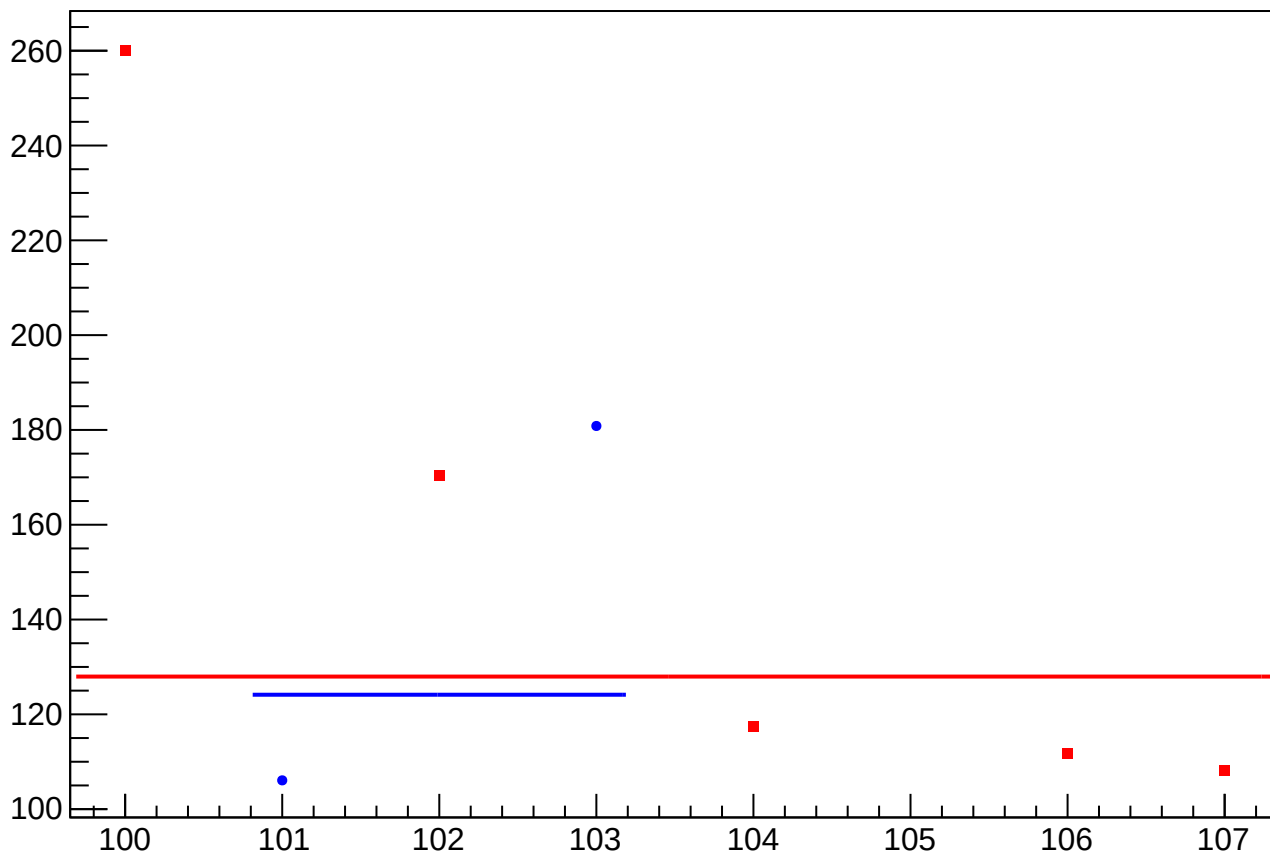
Right: 227.280 $\pm$ 76.924 χ^2 /NDF: 2.5/6

In: 205.020 $\pm$ 116.120 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 227.280 $\pm$ 76.924 χ^2 /NDF: 2.5/6

cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 124.137 $\pm$ 0.082 χ^2 /NDF: 151906.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 127.969 $\pm$ 0.073 χ^2 /NDF: 147596.5/4

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

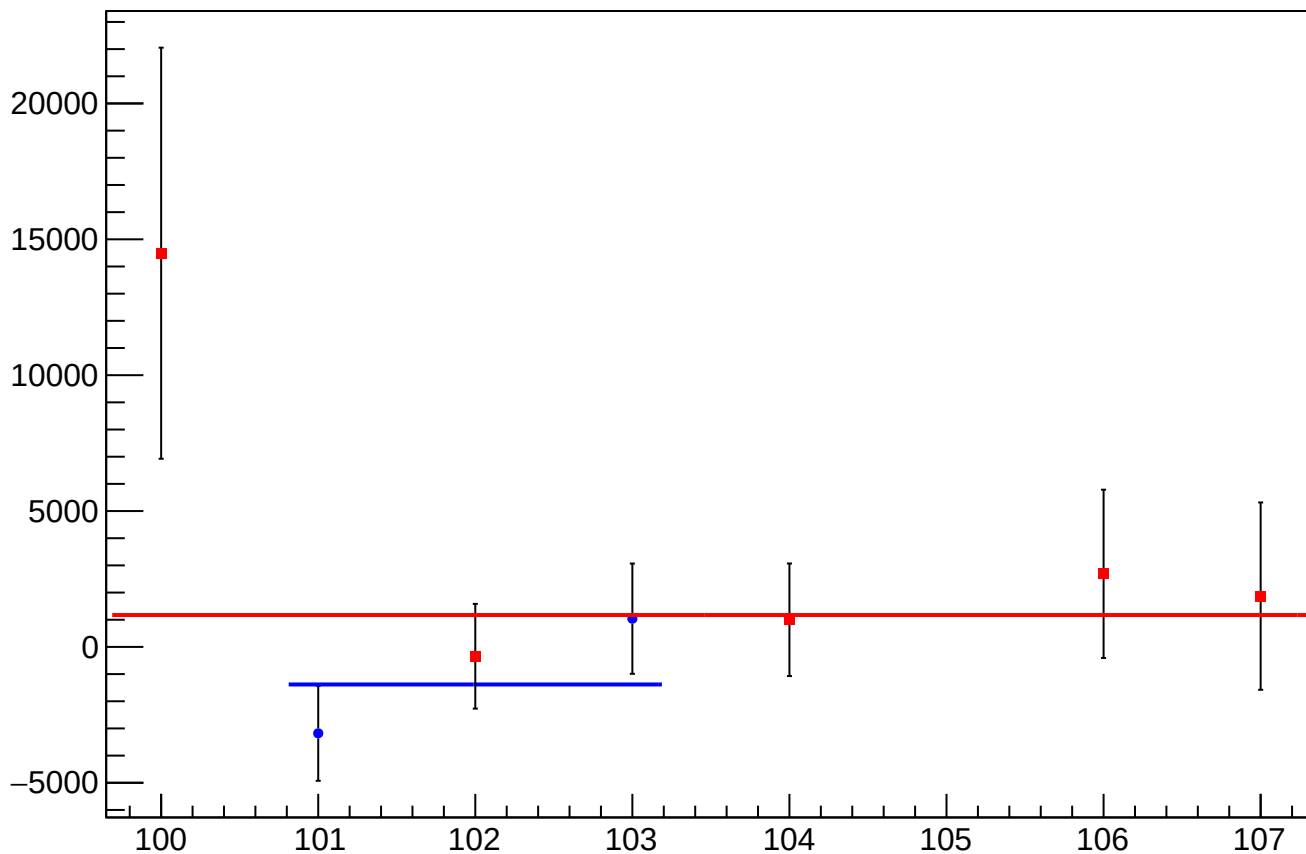
Right: 126.287 $\pm$ 0.054 χ^2 /NDF: 300725.0/6

In: 124.137 $\pm$ 0.082 χ^2 /NDF:151906.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 126.287 $\pm$ 0.054 χ^2 /NDF: 300725.0/6

asym_sam_2468_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1382.076+/-1324.340 χ^2/NDF : 2.5/1

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

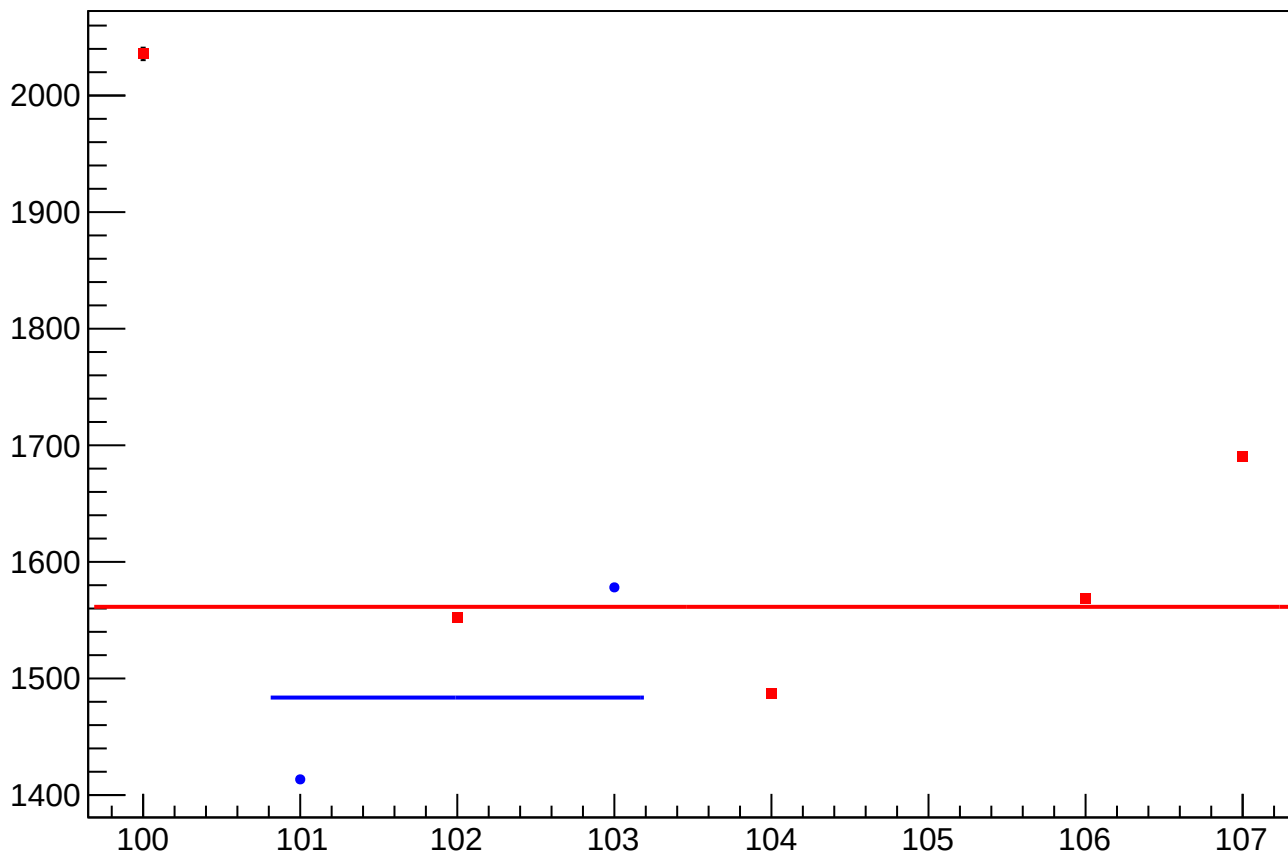
Right: 33.725+/-884.441 χ^2/NDF : 8.5/6

In: -1382.076+/-1324.340 χ^2/NDF : 2.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.725+/-884.441 χ^2/NDF : 8.5/6

asym_sam_2468_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1483.628 $\pm$ 0.936 χ^2 /NDF: 7560.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1561.445 $\pm$ 0.840 χ^2 /NDF: 13316.2/4

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

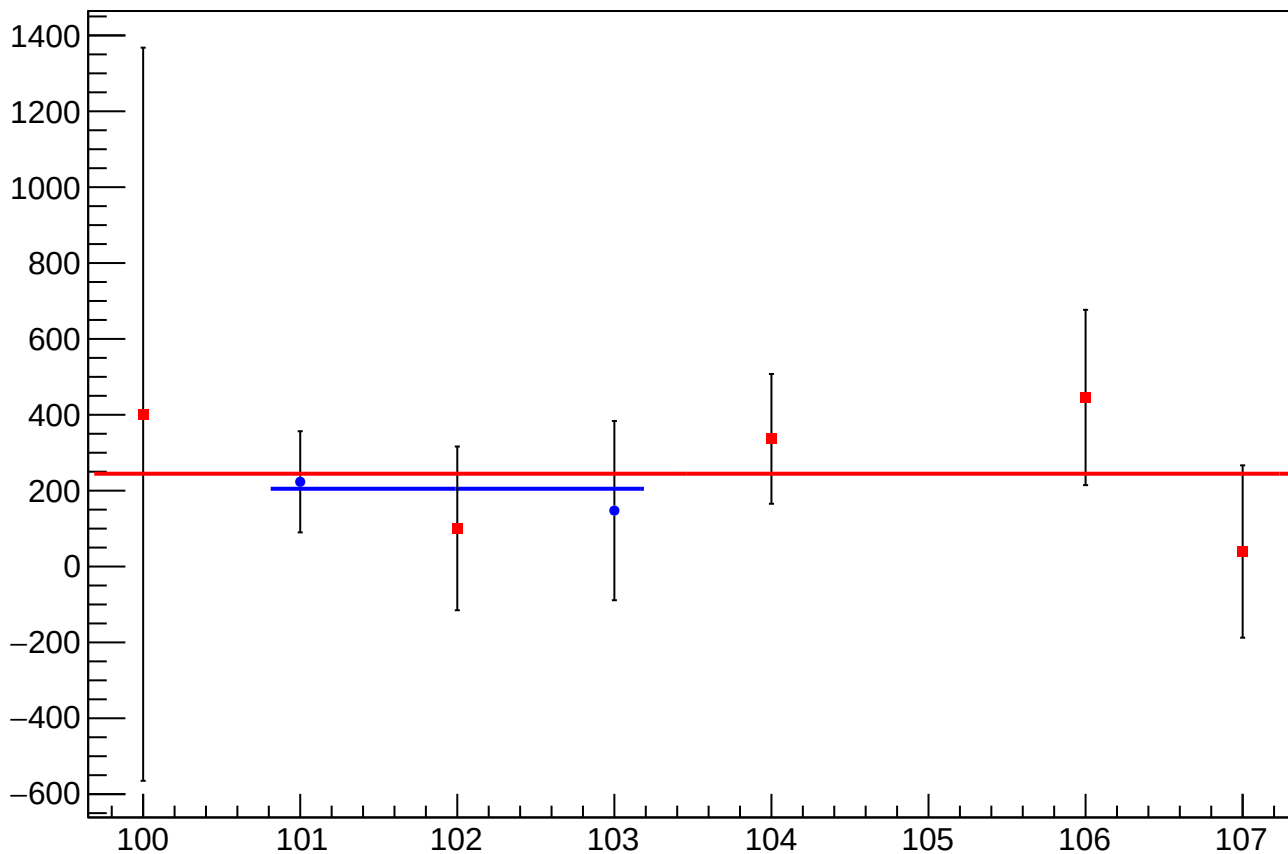
Right: 1526.738 $\pm$ 0.625 χ^2 /NDF: 24702.5/6

In: 1483.628 $\pm$ 0.936 χ^2 /NDF:7560.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1526.738 $\pm$ 0.625 χ^2 /NDF: 24702.5/6

eigen_cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 205.020 $\pm$ 116.120 χ^2 /NDF: 0.1/1

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

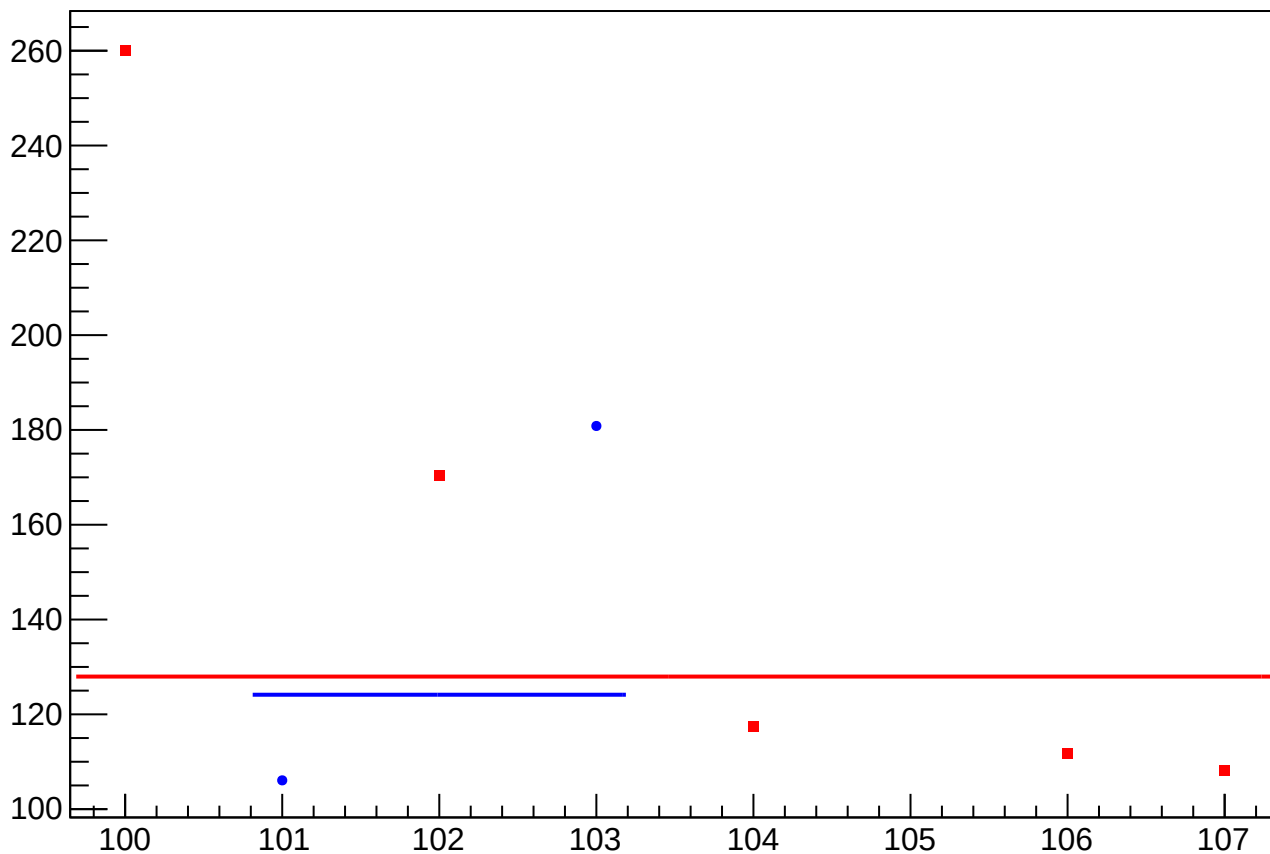
Right: 227.280 $\pm$ 76.924 χ^2 /NDF: 2.5/6

In: 205.020 $\pm$ 116.120 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 227.280 $\pm$ 76.924 χ^2 /NDF: 2.5/6

eigen_cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 124.137+/-0.082 χ^2/NDF : 151906.7/1

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

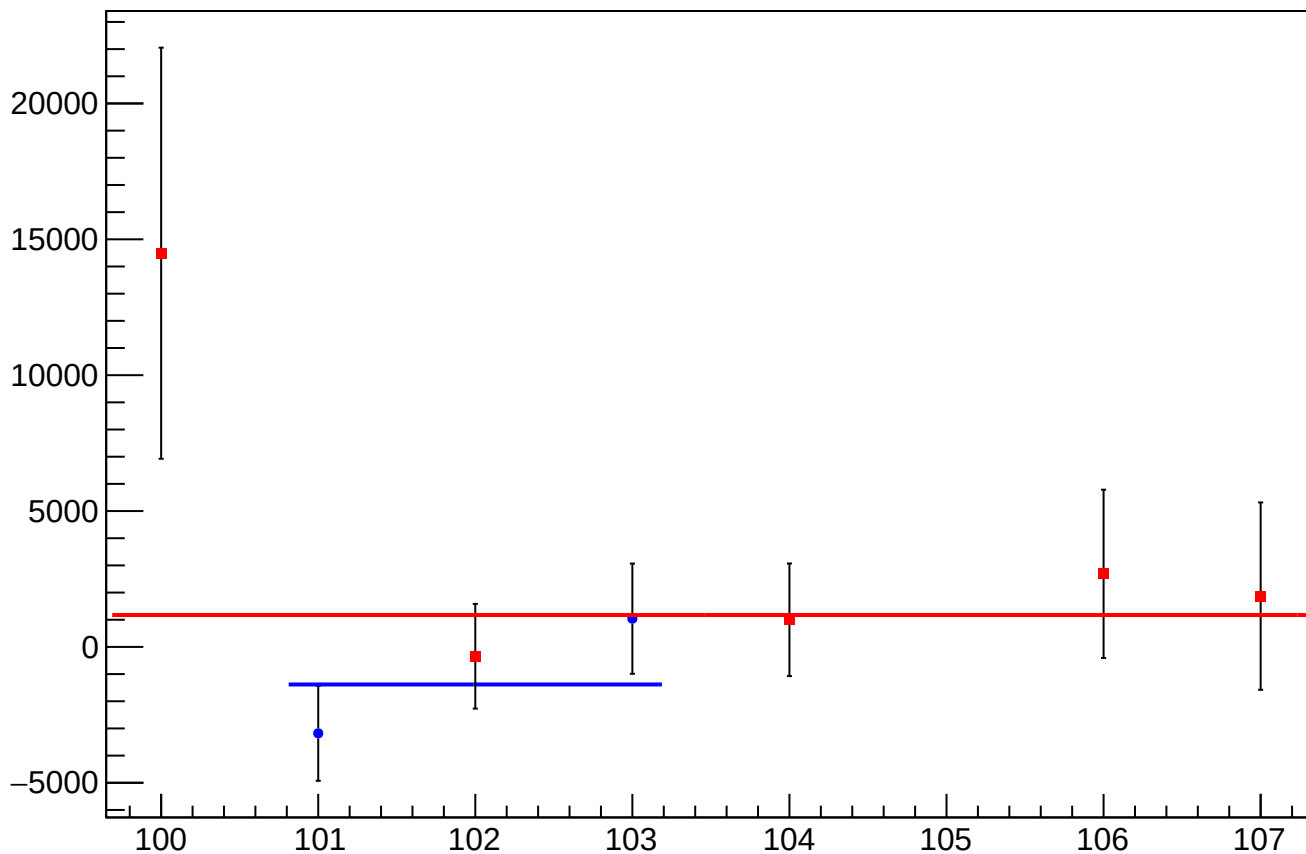
Right: 126.287+/-0.054 χ^2/NDF : 300725.0/6

In: 124.137+/-0.082 χ^2/NDF : 151906.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.287+/-0.054 χ^2/NDF : 300725.0/6

asym_sam_2468_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1382.076+/-1324.340 χ^2/NDF : 2.5/1

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

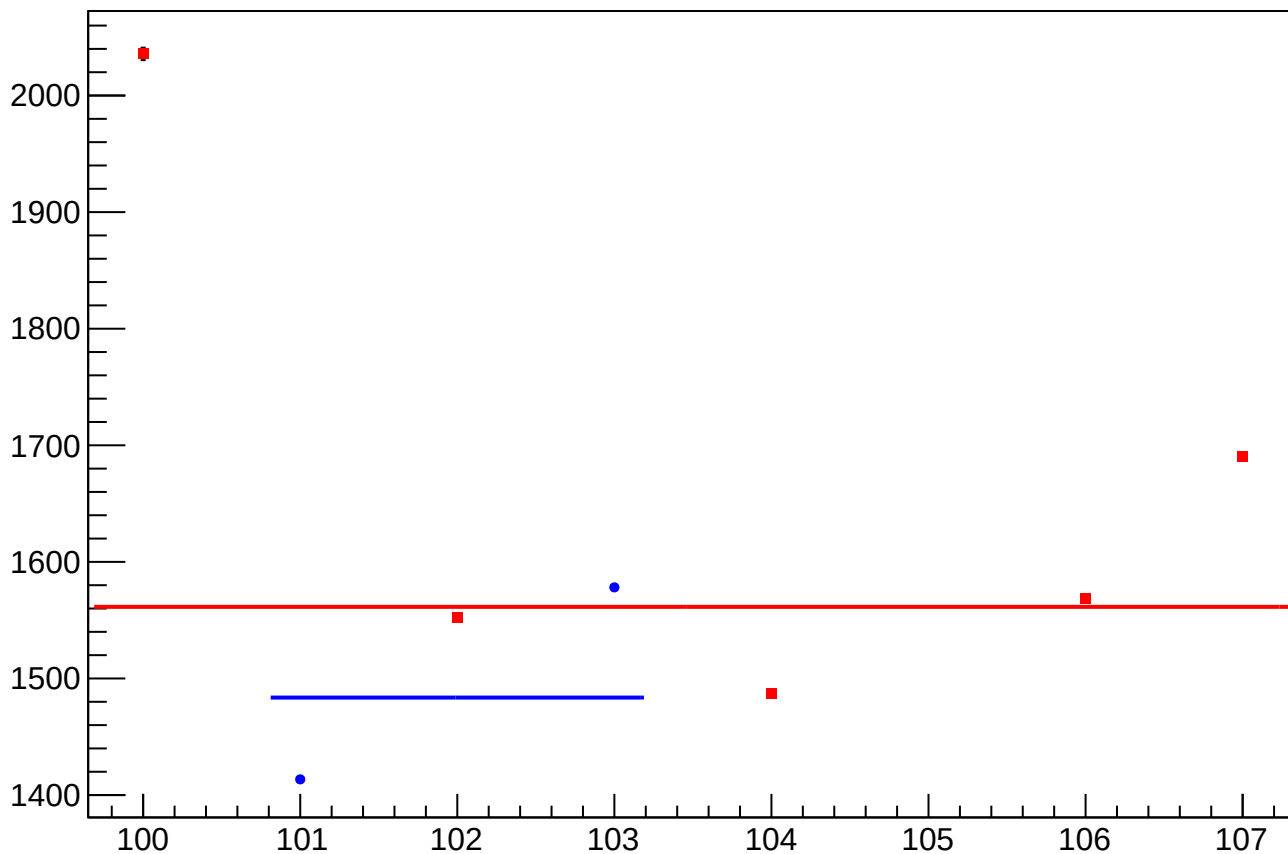
Right: 33.725+/-884.441 χ^2/NDF : 8.5/6

In: -1382.076+/-1324.340 χ^2/NDF : 2.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.725+/-884.441 χ^2/NDF : 8.5/6

asym_sam_2468_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1483.628+/-0.936 χ^2/NDF : 7560.7/1

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

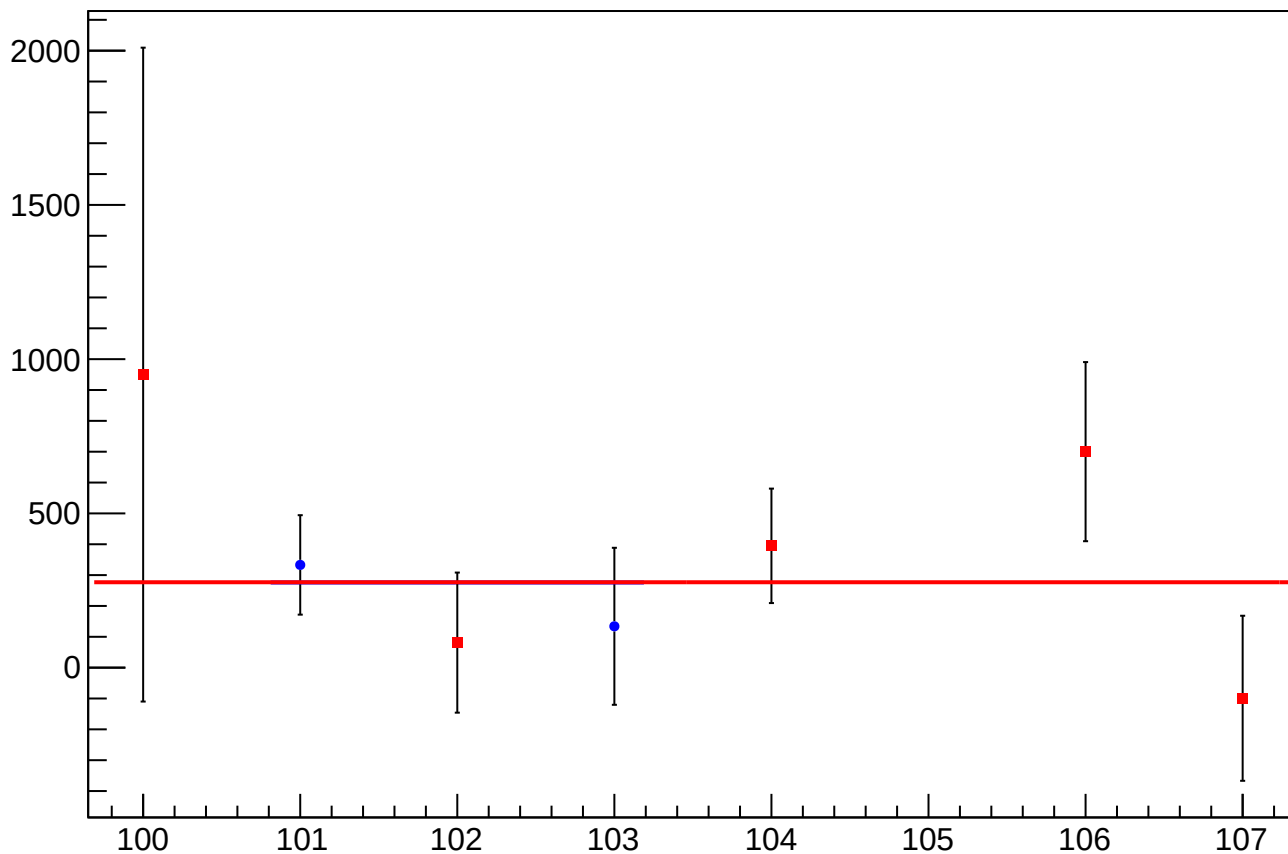
Right: 1526.738+/-0.625 χ^2/NDF : 24702.5/6

In: 1483.628+/-0.936 χ^2/NDF : 7560.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1526.738+/-0.625 χ^2/NDF : 24702.5/6

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 276.034+/-136.186 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 276.841+/-115.333 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

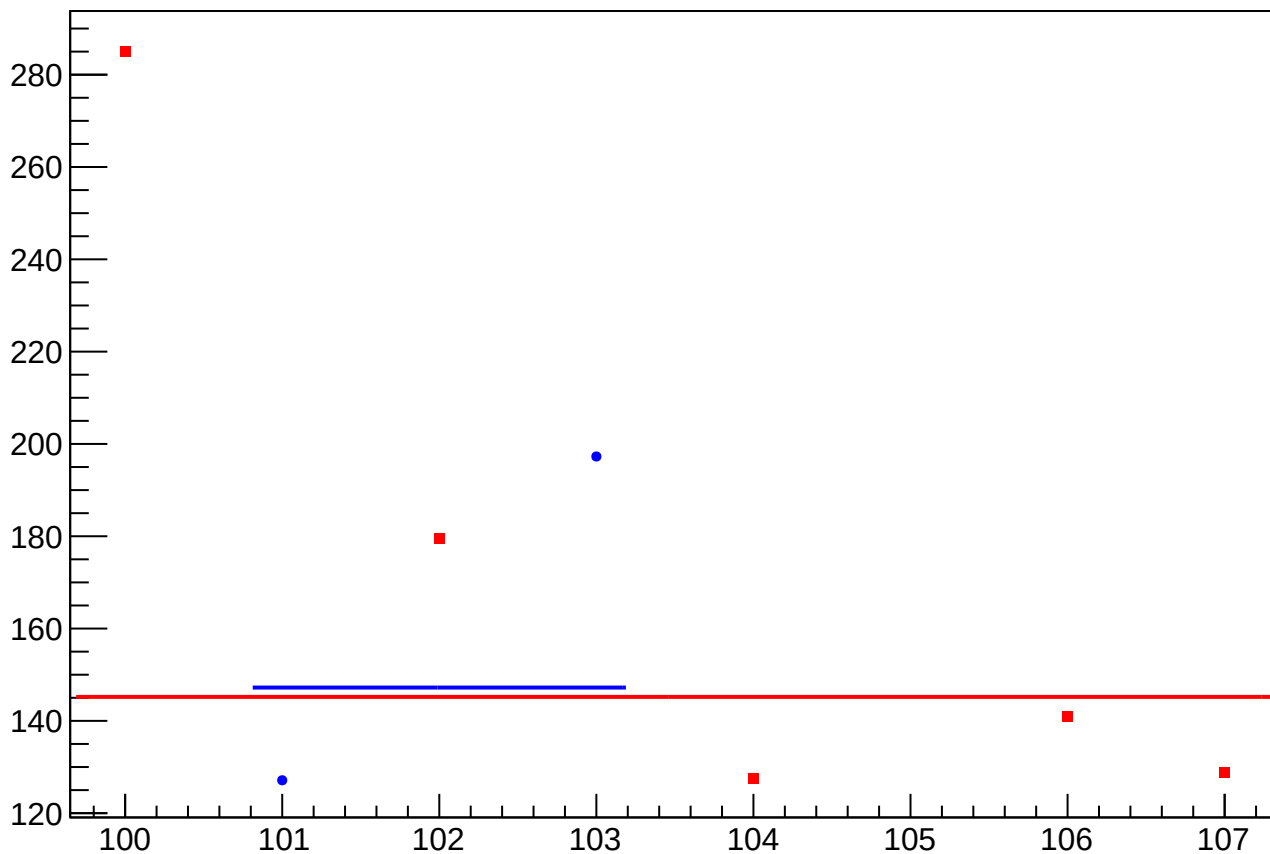
Right: 276.504+/-88.012 χ^2/NDF : 6.1/6

In: 276.034+/-136.186 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 276.504+/-88.012 χ^2/NDF : 6.1/6

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 147.219+/-0.096 χ^2/NDF : 108447.2/1

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

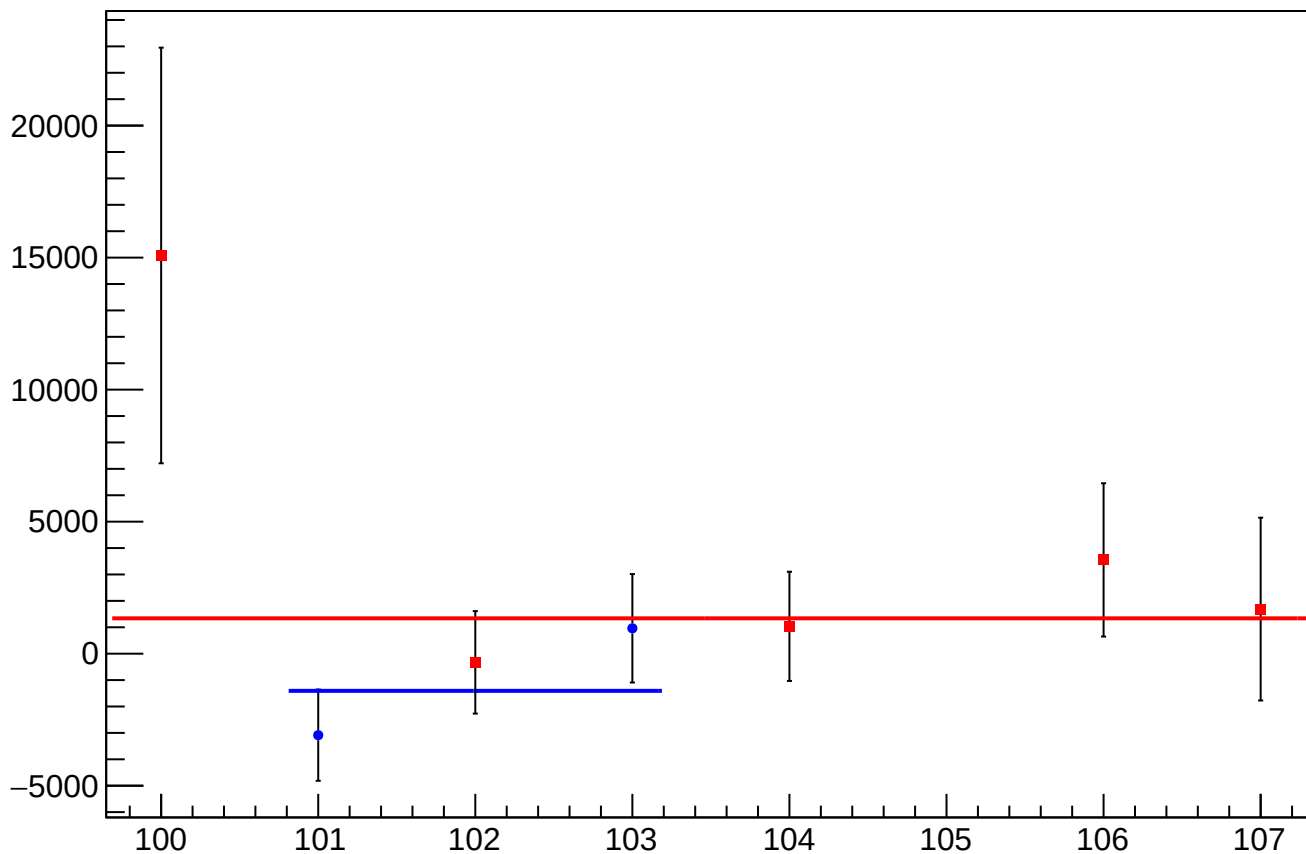
Right: 146.042+/-0.062 χ^2/NDF : 215541.8/6

In: 147.219+/-0.096 χ^2/NDF : 108447.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 146.042+/-0.062 χ^2/NDF : 215541.8/6

asym_sam_2468_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1407.515+/-1322.528 χ^2 /NDF: 2.3/1

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

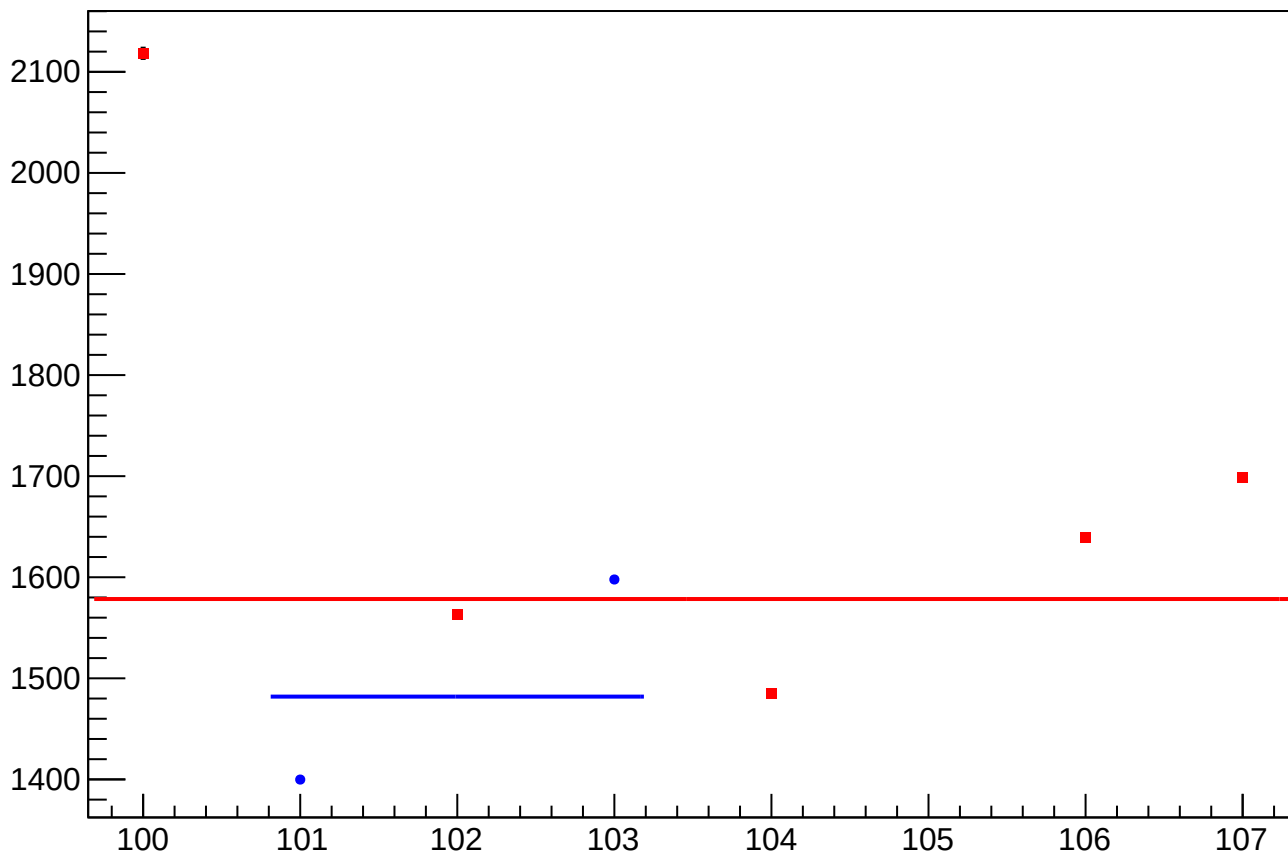
Right: 121.006+/-880.636 χ^2 /NDF: 9.1/6

In: -1407.515+/-1322.528 χ^2 /NDF: 2.3/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 121.006+/-880.636 χ^2 /NDF: 9.1/6

asym_sam_2468_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1481.912 $\pm$ 0.935 χ^2 /NDF: 10873.3/1

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

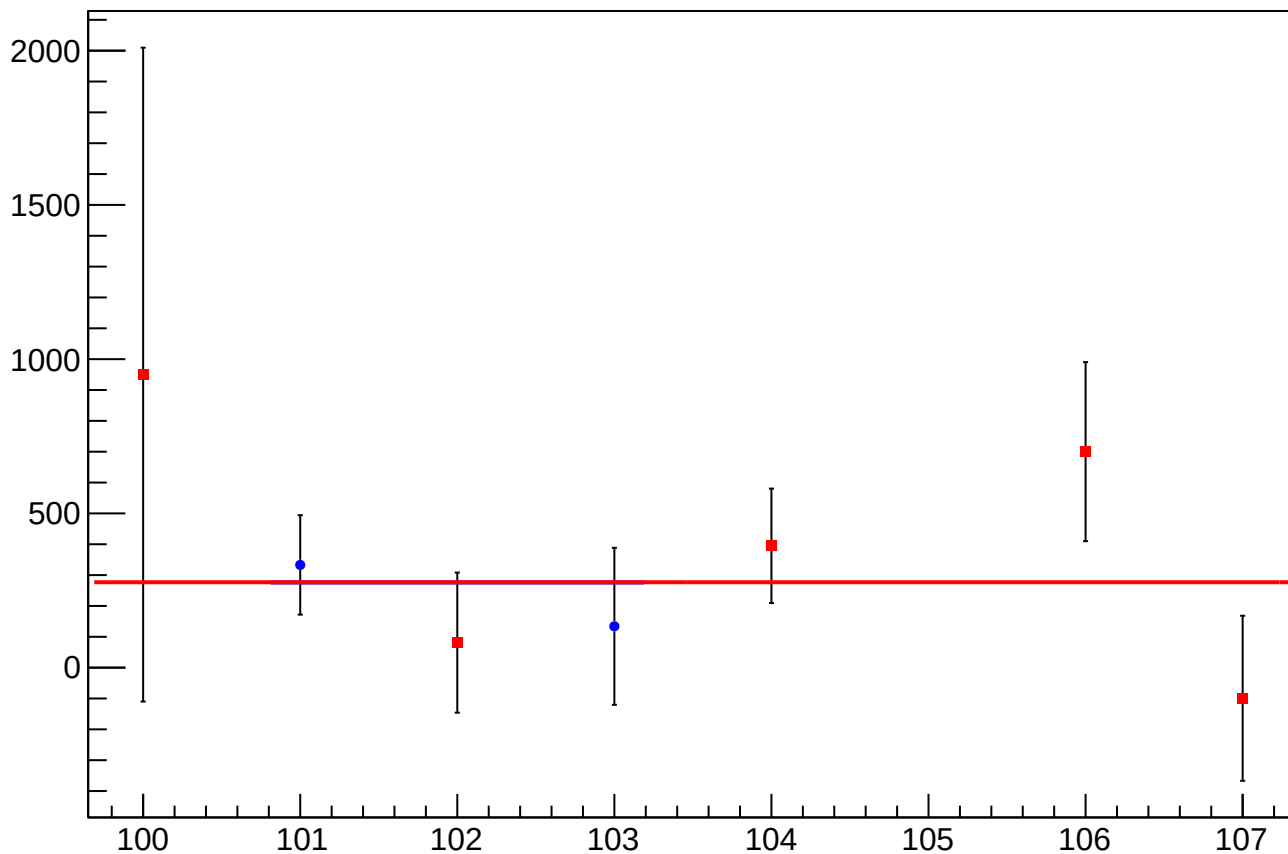
Right: 1535.651 $\pm$ 0.623 χ^2 /NDF: 33712.7/6

In: 1481.912 $\pm$ 0.935 χ^2 /NDF:10873.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1535.651 $\pm$ 0.623 χ^2 /NDF: 33712.7/6

eigen_dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 276.032+/-136.186 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 276.845+/-115.333 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

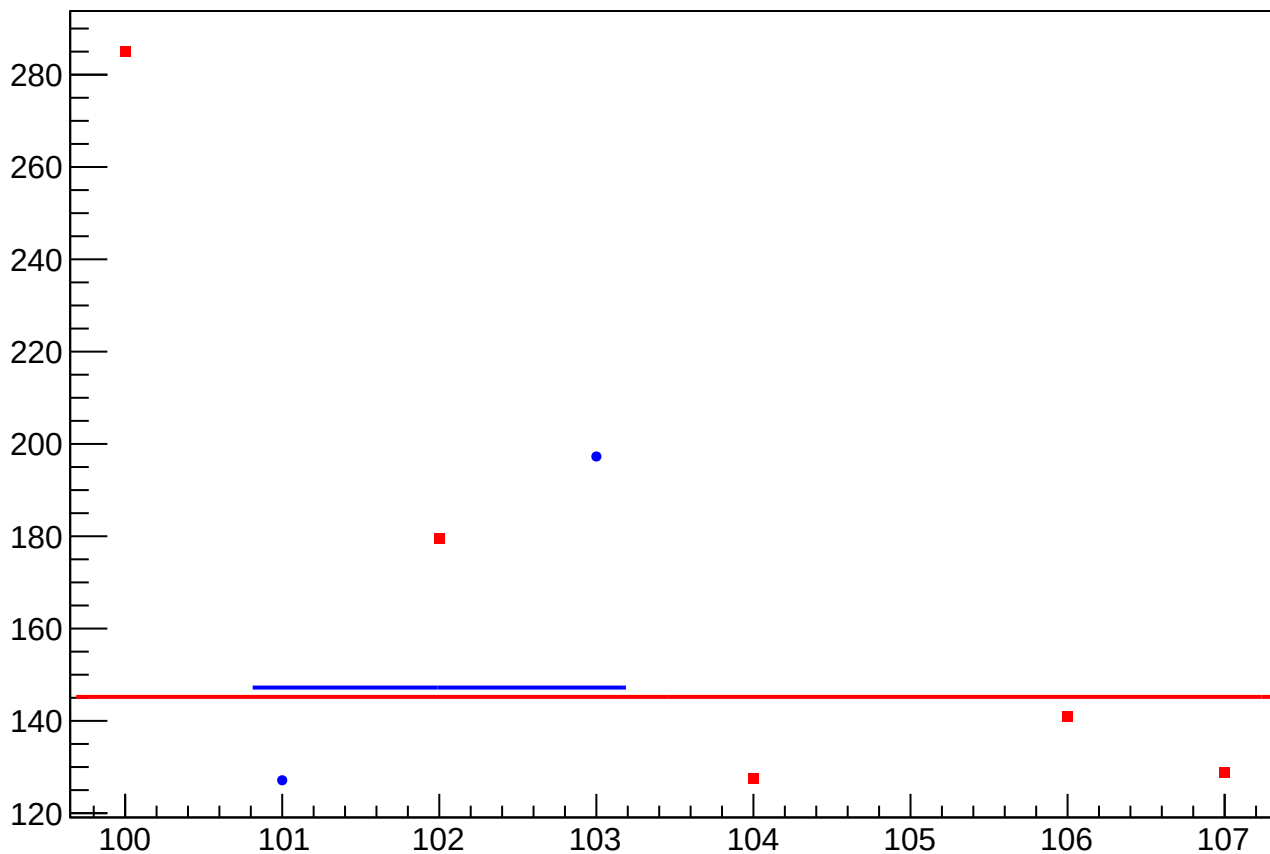
Right: 276.505+/-88.012 χ^2/NDF : 6.1/6

In: 276.032+/-136.186 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 276.505+/-88.012 χ^2/NDF : 6.1/6

eigen_dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 147.219+/-0.096 χ^2/NDF : 108443.8/1

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

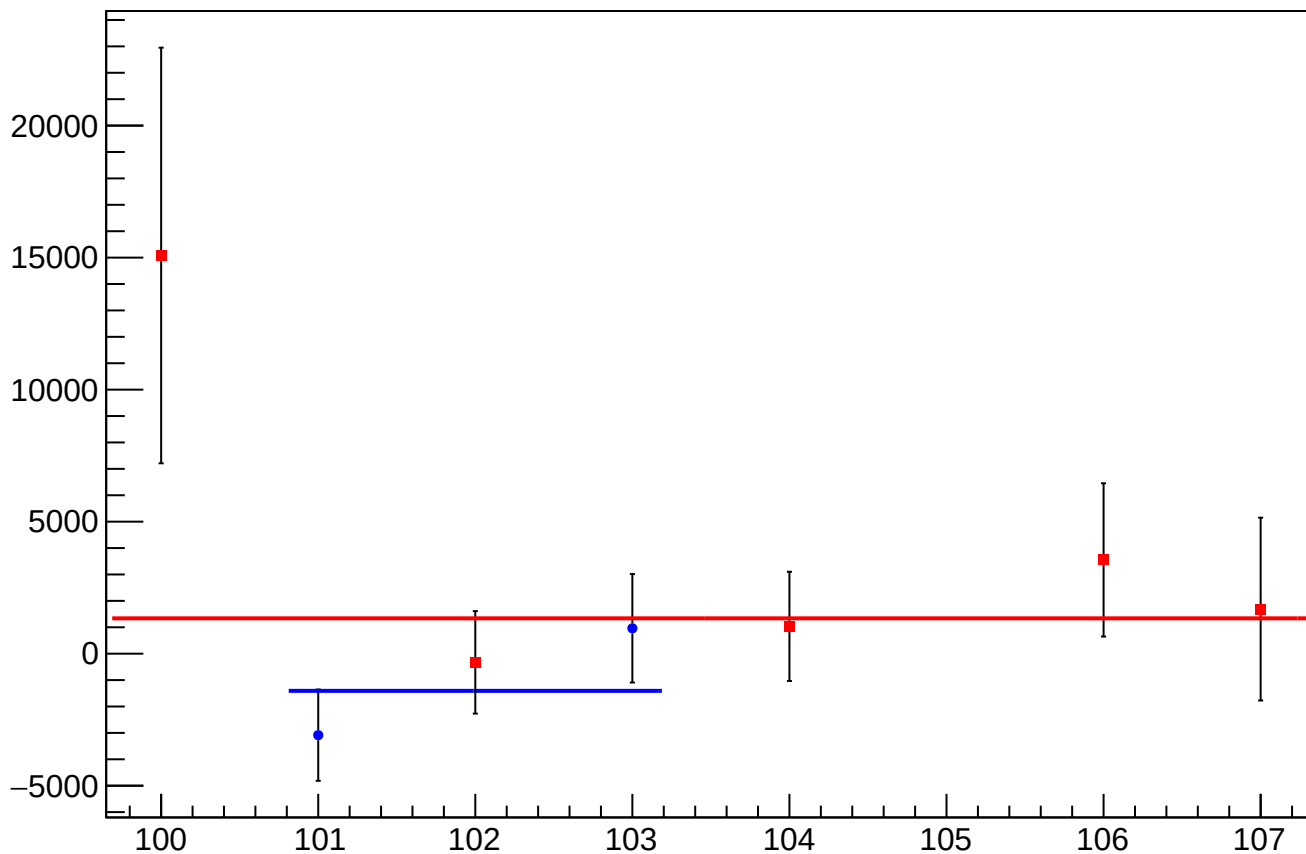
Right: 146.042+/-0.062 χ^2/NDF : 215537.7/6

In: 147.219+/-0.096 χ^2/NDF : 108443.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 146.042+/-0.062 χ^2/NDF : 215537.7/6

asym_sam_2468_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1407.514 $\pm$ 1322.526 χ^2 /NDF: 2.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1338.597 $\pm$ 1180.373 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

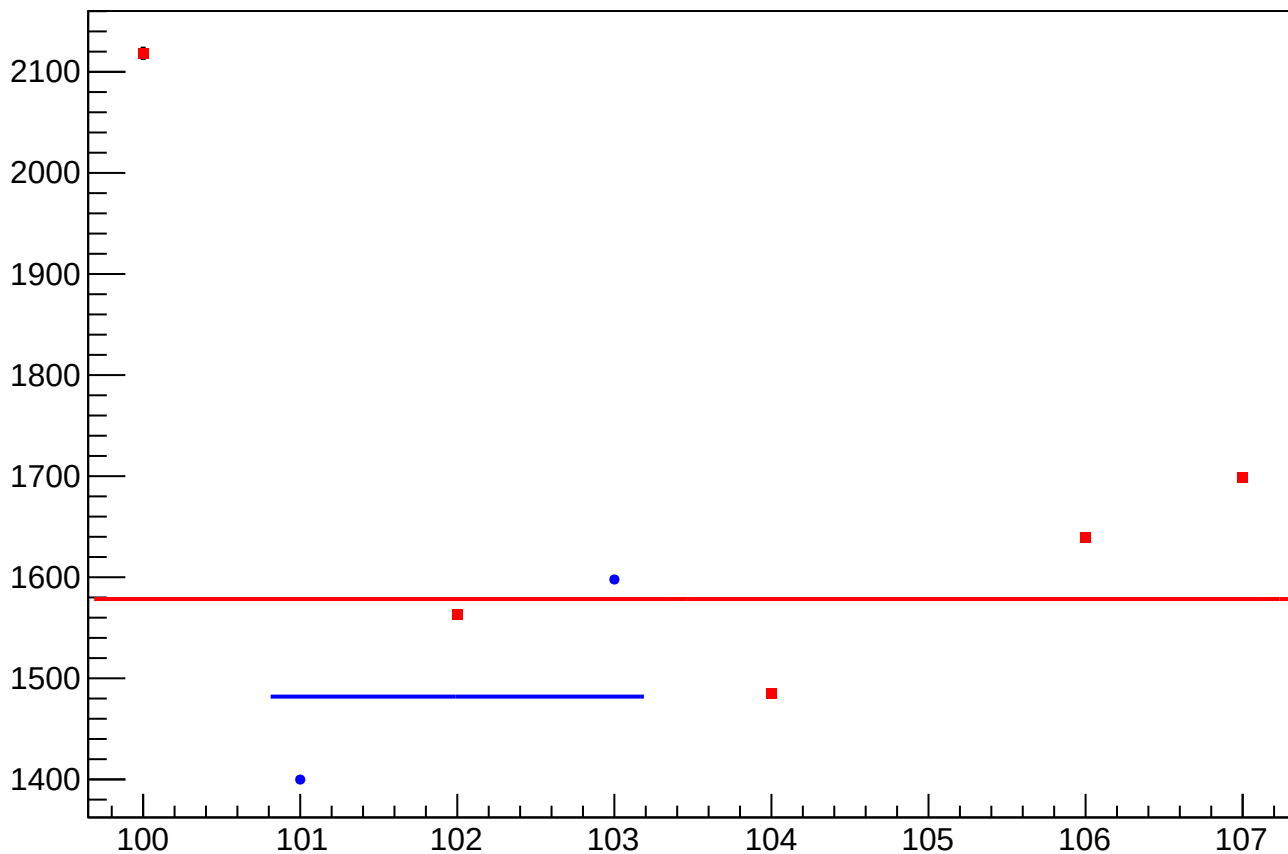
Right: 121.006 $\pm$ 880.635 χ^2 /NDF: 9.1/6

In: -1407.514 $\pm$ 1322.526 χ^2 /NDF: 2.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 121.006 $\pm$ 880.635 χ^2 /NDF: 9.1/6

asym_sam_2468_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right: 1535.648 ± 0.623 $\chi^2/\text{NDF}: 33712.7/6$

In: 1481.910 ± 0.935 $\chi^2/\text{NDF}: 10873.1/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 1535.648 ± 0.623 $\chi^2/\text{NDF}: 33712.7/6$

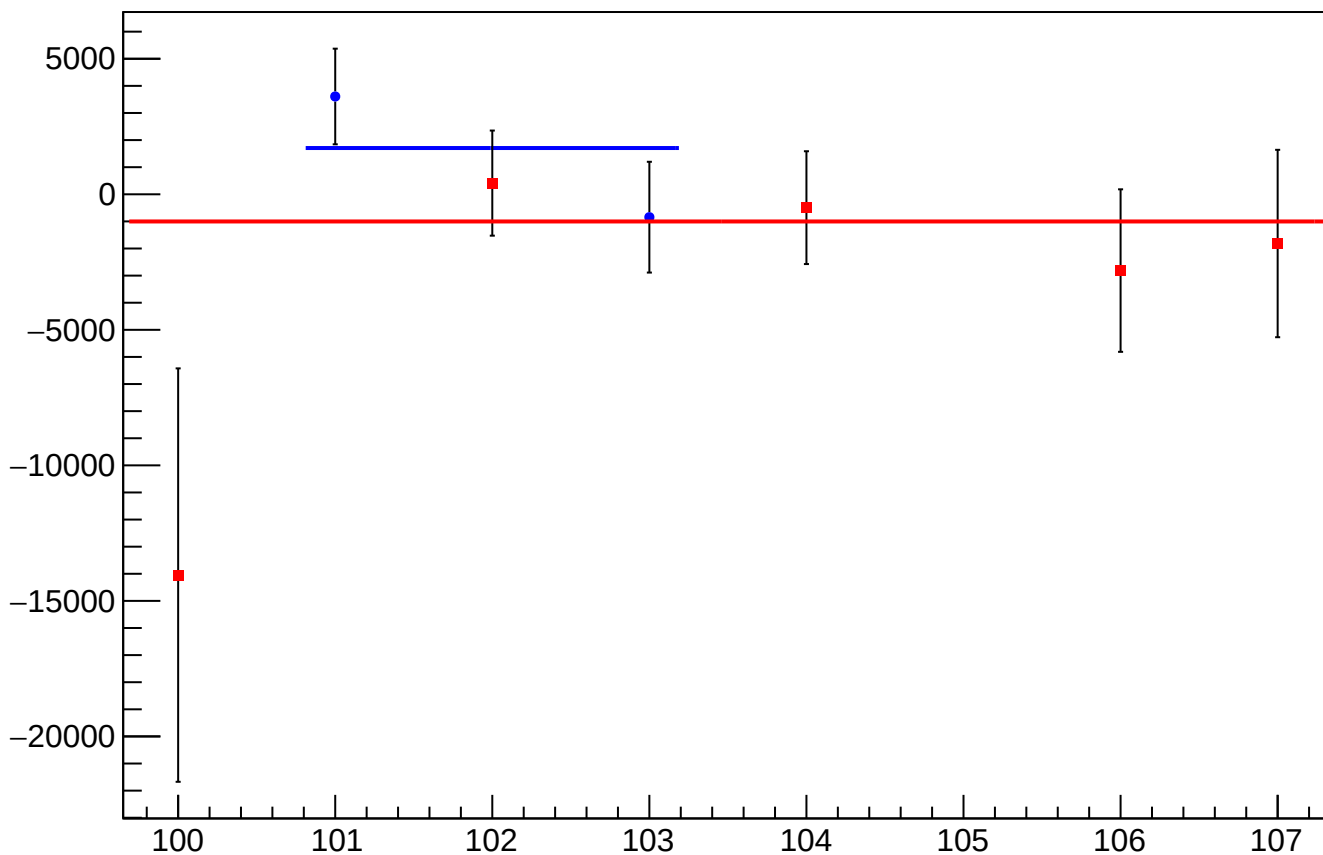
Right In: 1481.910 ± 0.935 $\chi^2/\text{NDF}: 10873.1/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1578.455 ± 0.835 $\chi^2/\text{NDF}: 16907.2/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 1706.895+/-1335.346 χ^2/NDF : 2.7/1

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

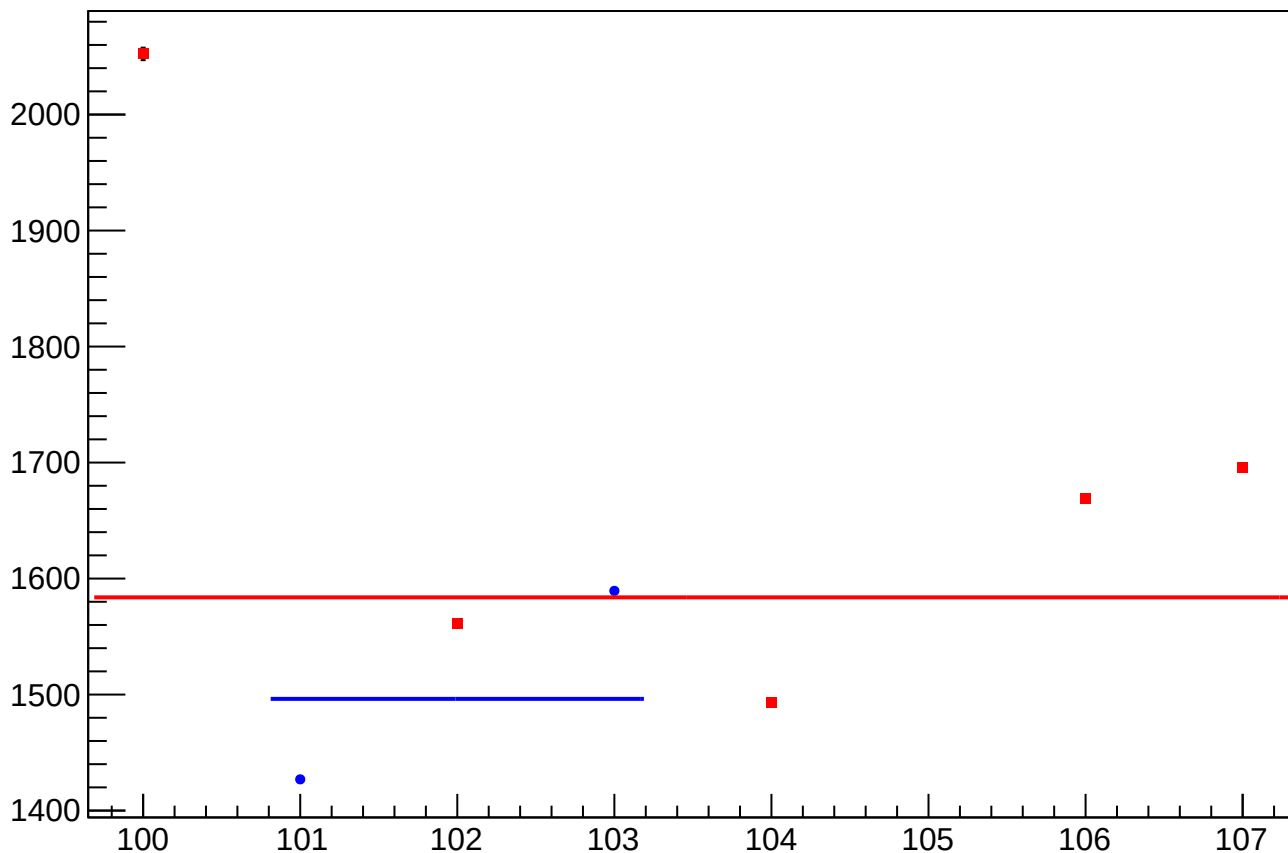
Right: 194.075+/-887.381 χ^2/NDF : 9.0/6

In: 1706.895+/-1335.346 χ^2/NDF :2.7/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 194.075+/-887.381 χ^2/NDF : 9.0/6

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1496.300+/-0.944 χ^2/NDF : 7244.4/1

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

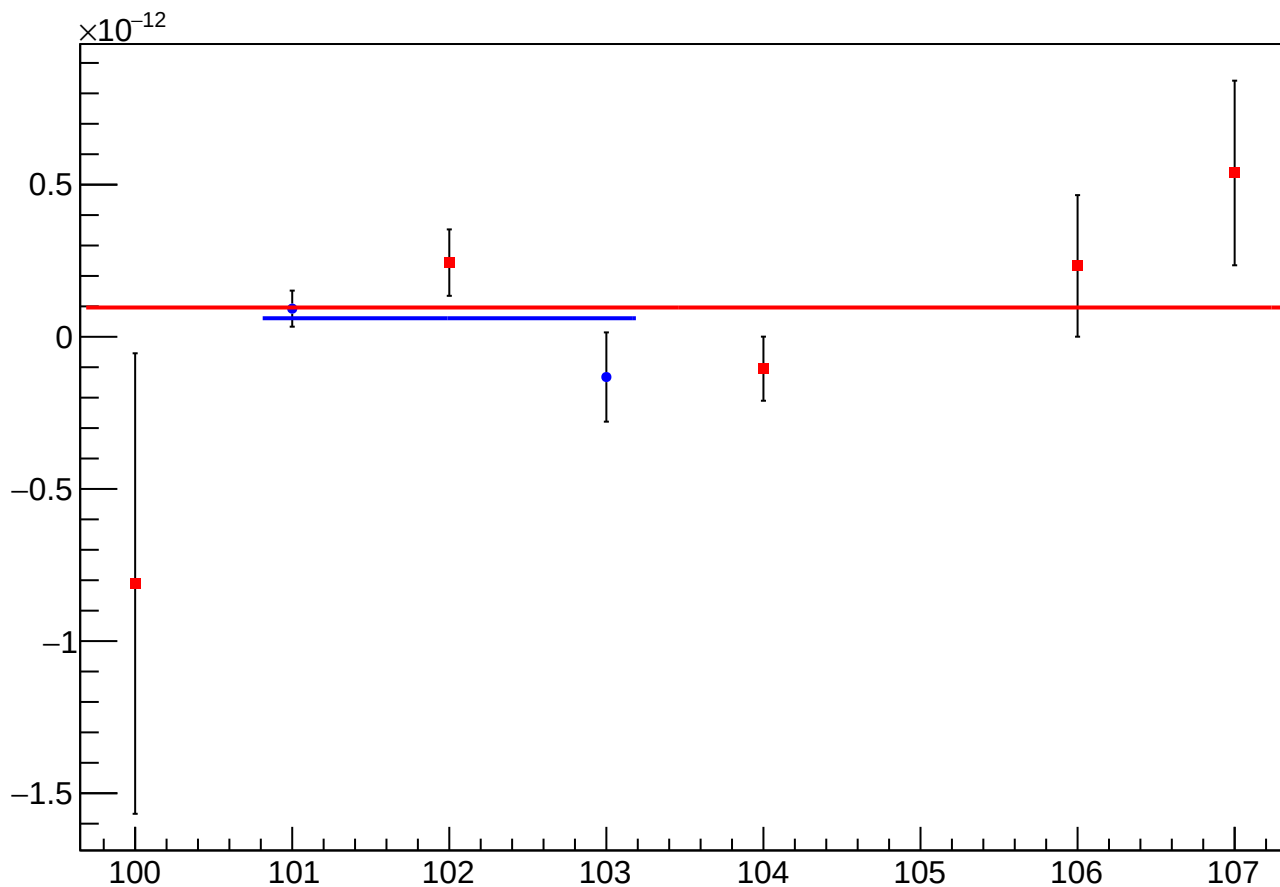
Right: 1545.164+/-0.627 χ^2/NDF : 27321.5/6

In: 1496.300+/-0.944 χ^2/NDF : 7244.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1545.164+/-0.627 χ^2/NDF : 27321.5/6

asym_sam_2468_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.0/1

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

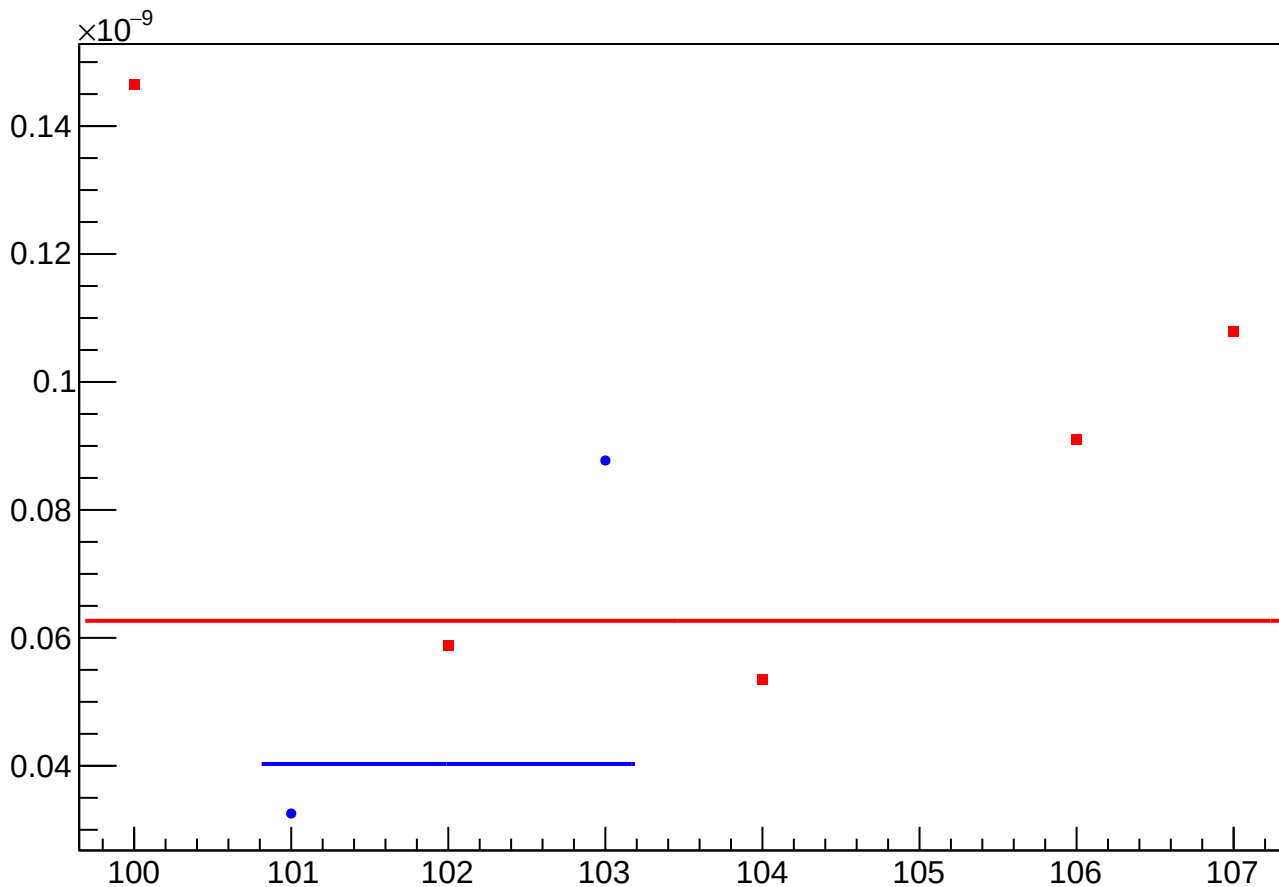
Right: 0.000+/-0.000 χ^2/NDF : 11.6/6

In: 0.000+/-0.000 χ^2/NDF : 2.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.6/6

asym_sam_2468_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 243410.4/1

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

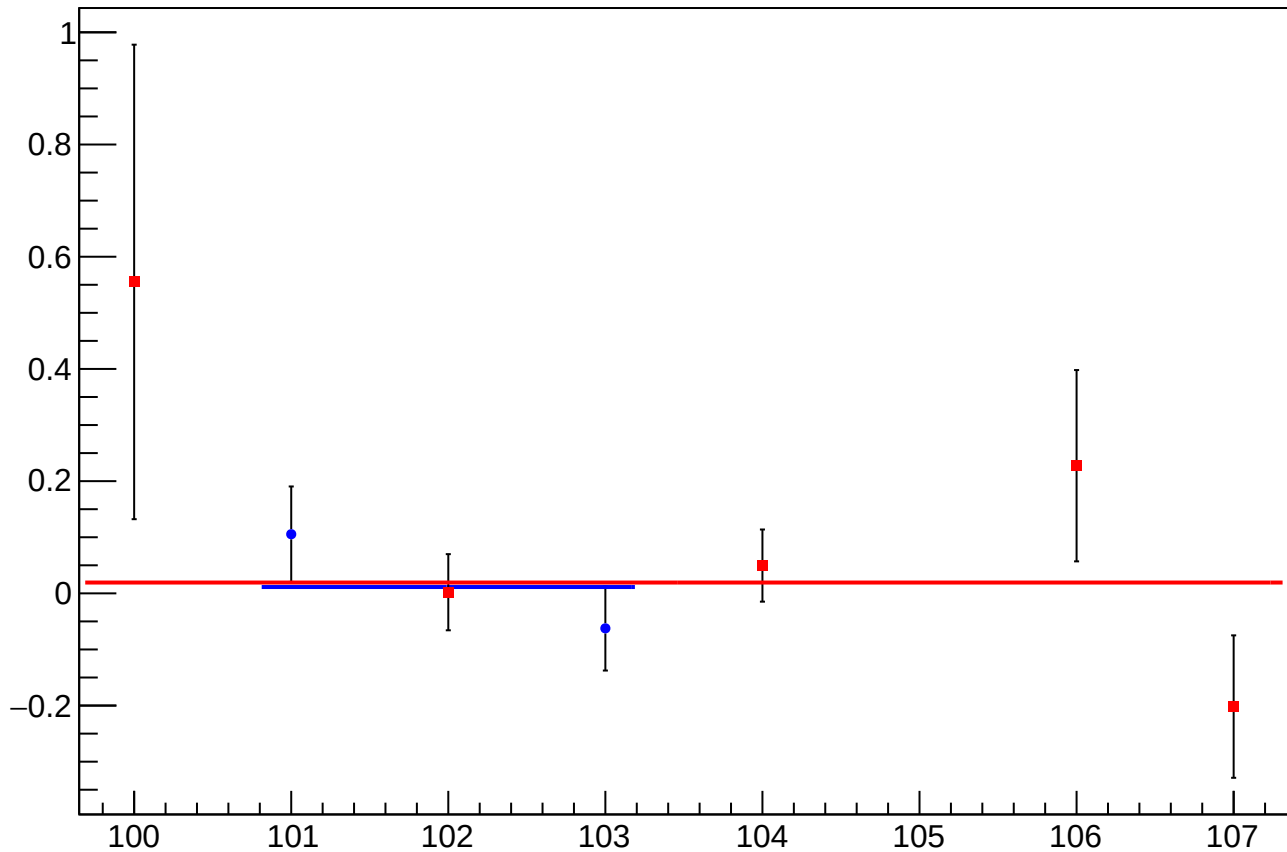
Right: 0.000+/-0.000 χ^2/NDF : 486872.9/6

In: 0.000+/-0.000 χ^2/NDF : 243410.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 486872.9/6

asym_sam_2468_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.056 χ^2/NDF : 2.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.019+/-0.042 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

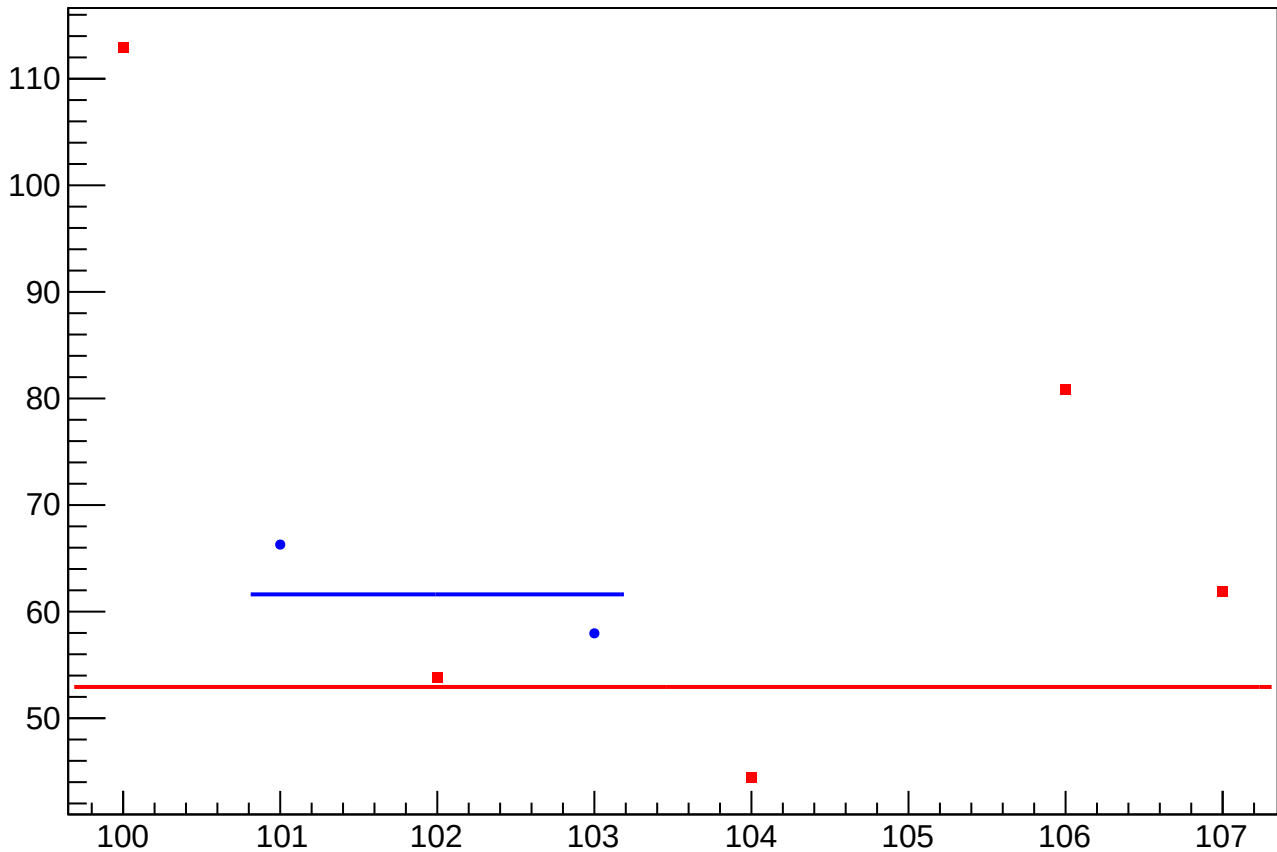
Right: 0.016+/-0.034 χ^2/NDF : 8.6/6

In: 0.011+/-0.056 χ^2/NDF : 2.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.034 χ^2/NDF : 8.6/6

asym_sam_2468_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.618+/-0.040 χ^2/NDF : 10757.4/1

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

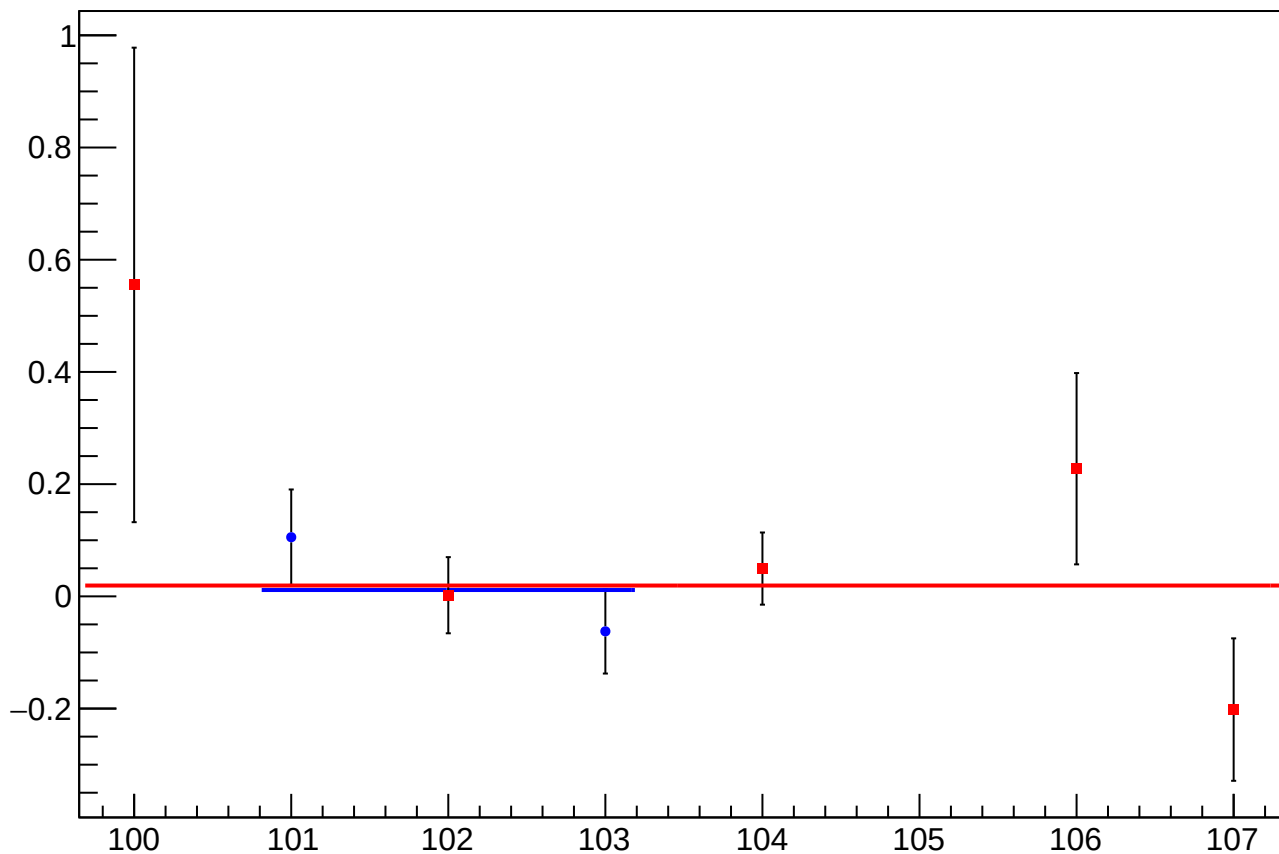
Right: 56.055+/-0.024 χ^2/NDF : 180018.3/6

In: 61.618+/-0.040 χ^2/NDF : 10757.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.055+/-0.024 χ^2/NDF : 180018.3/6

asym_sam_2468_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.056 χ^2/NDF : 2.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.019+/-0.042 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

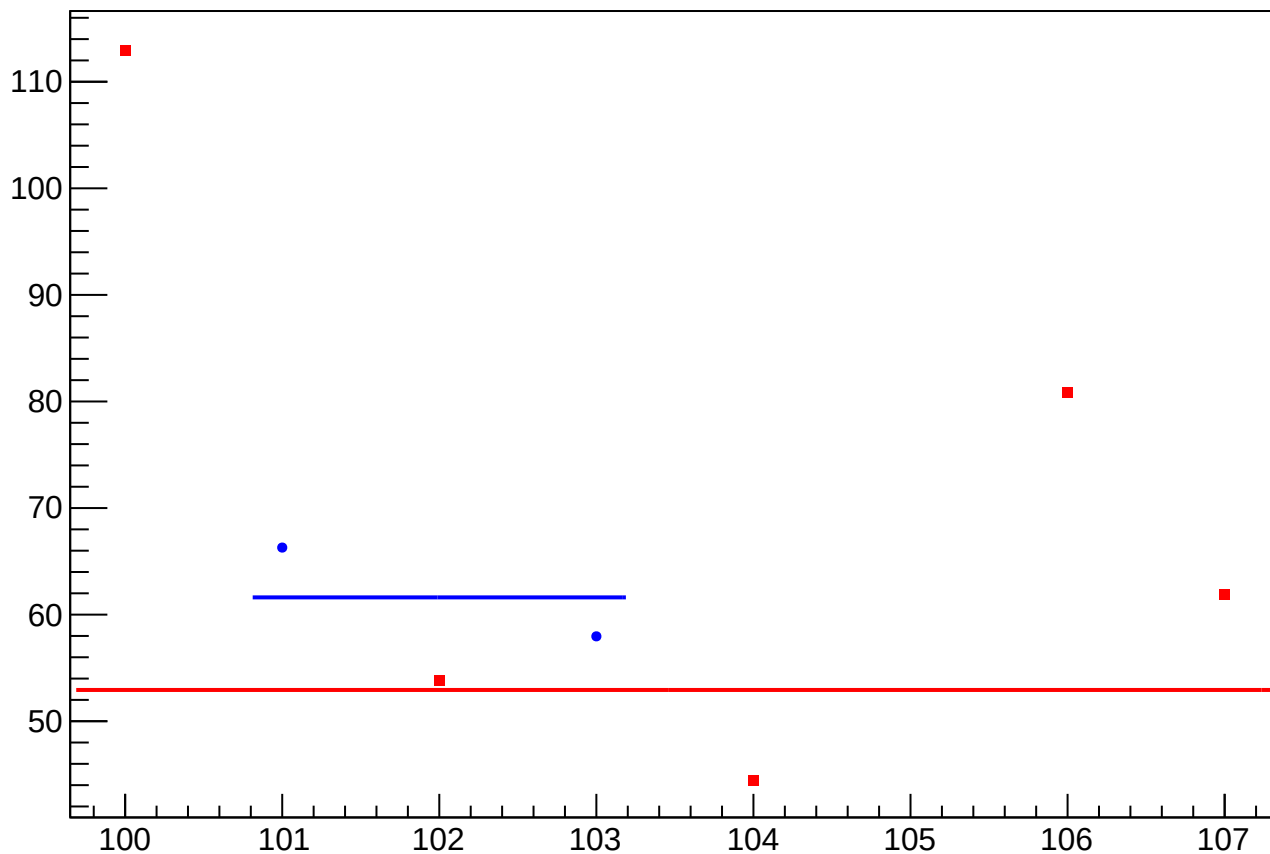
Right: 0.016+/-0.034 χ^2/NDF : 8.6/6

In: 0.011+/-0.056 χ^2/NDF : 2.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.034 χ^2/NDF : 8.6/6

asym_sam_2468_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.618+/-0.040 χ^2/NDF : 10757.4/1

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

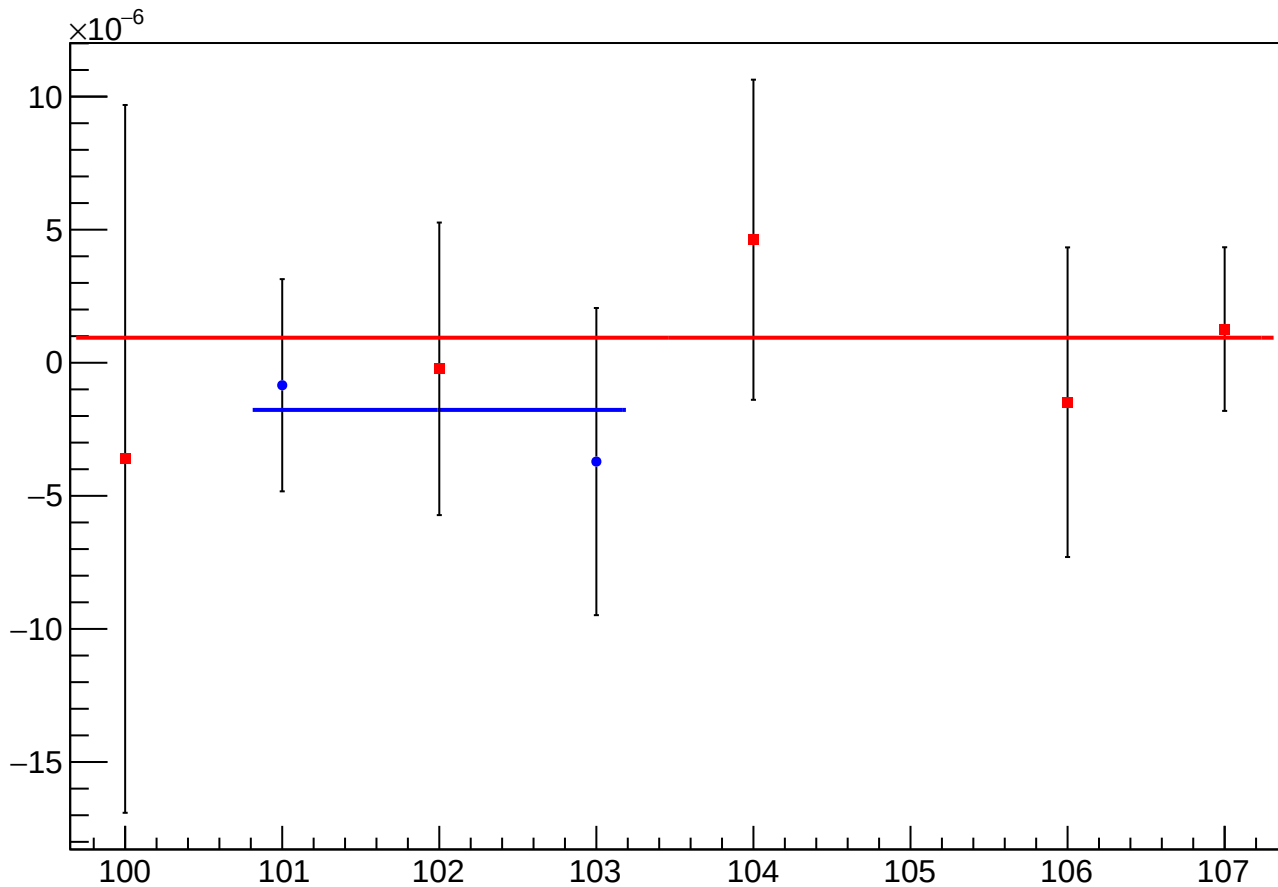
Right: 56.055+/-0.024 χ^2/NDF : 180018.3/6

In: 61.618+/-0.040 χ^2/NDF : 10757.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.055+/-0.024 χ^2/NDF : 180018.3/6

asym_sam_2468_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.2/1

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

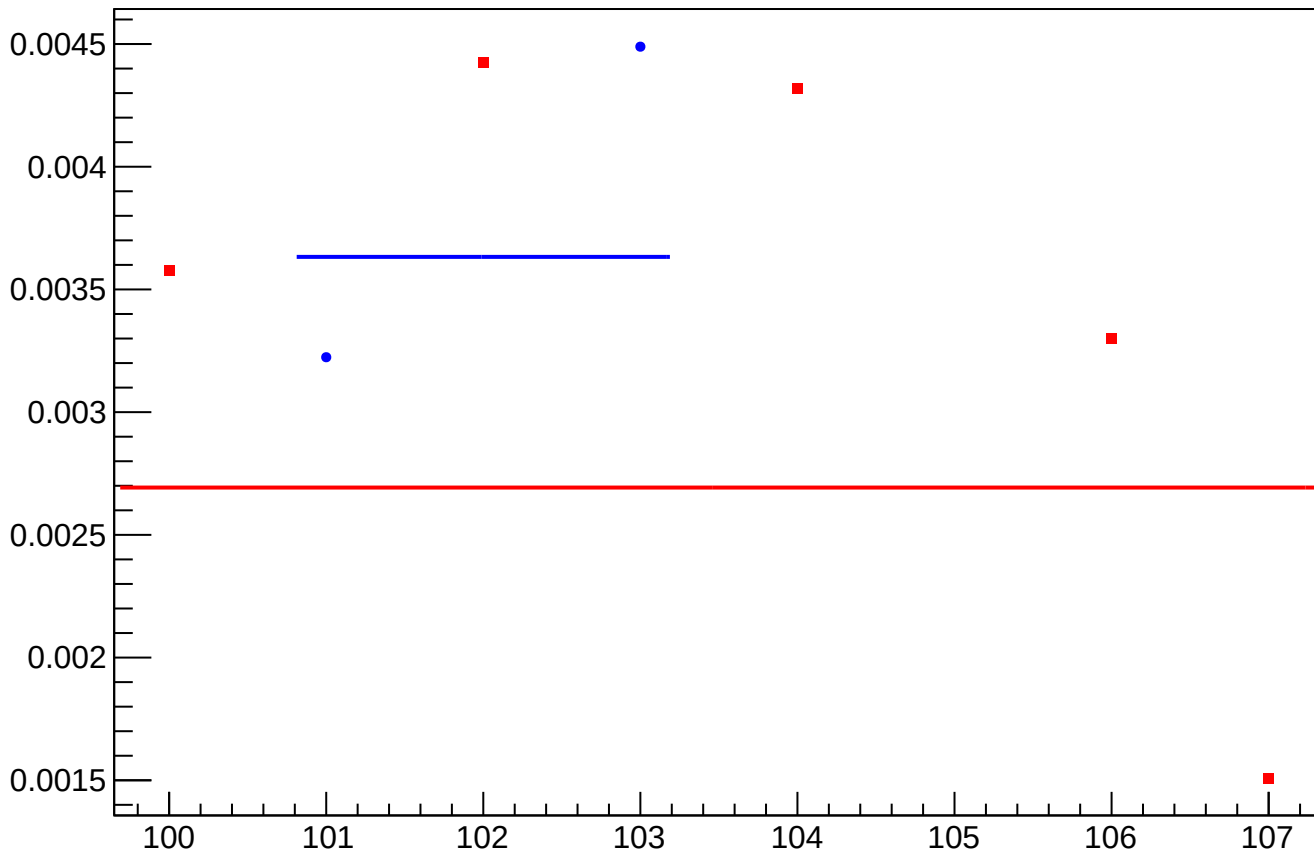
Right: 0.000+/-0.000 χ^2/NDF : 1.4/6

In: -0.000+/-0.000 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1.4/6

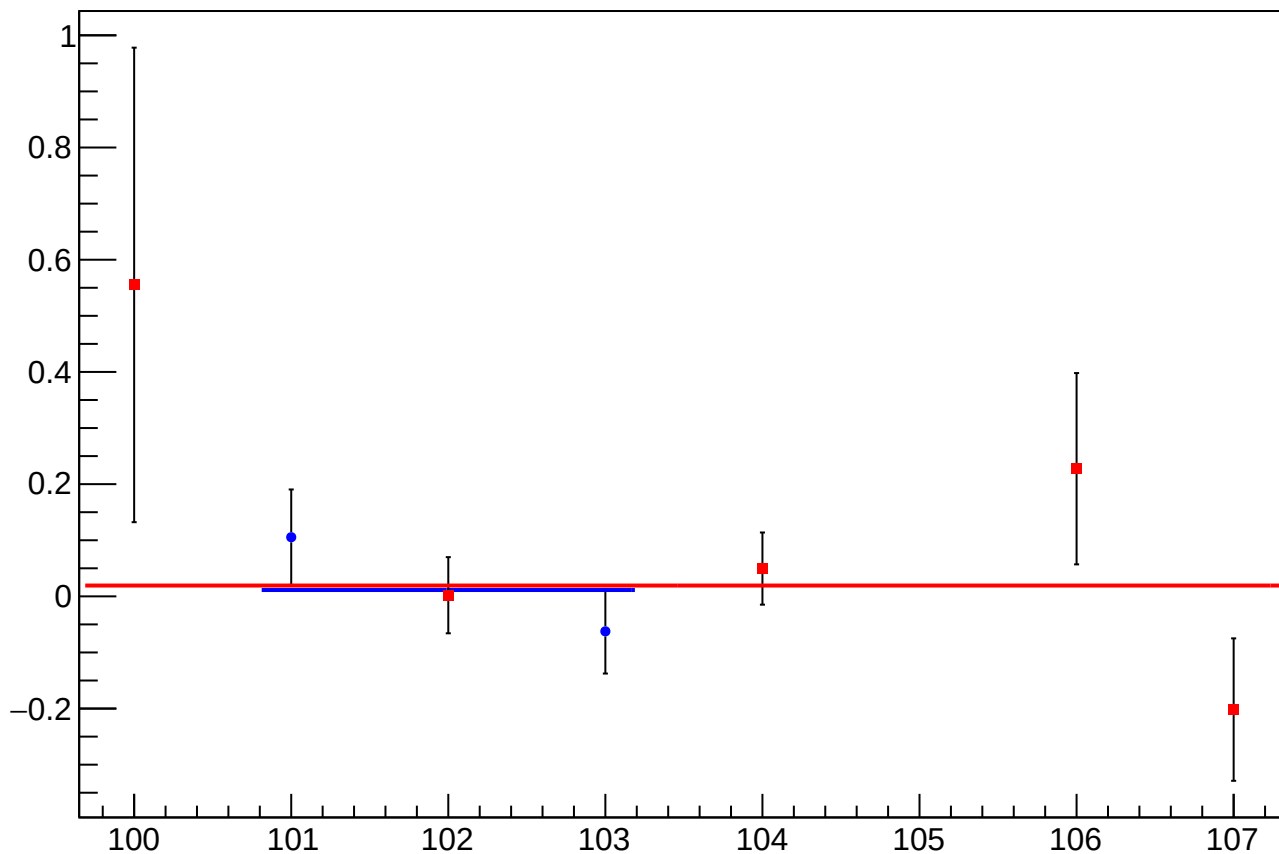
asym_sam_2468_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 65100.3/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.003 $\pm$ 0.000 χ^2 /NDF: 672809.9/4
 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: 0.003 $\pm$ 0.000 χ^2 /NDF: 850342.1/6
 In: 0.004 $\pm$ 0.000 χ^2 /NDF:65100.3/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.003 $\pm$ 0.000 χ^2 /NDF: 850342.1/6

asym_sam_2468_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011 $\pm$ 0.056 χ^2 /NDF: 2.2/1

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

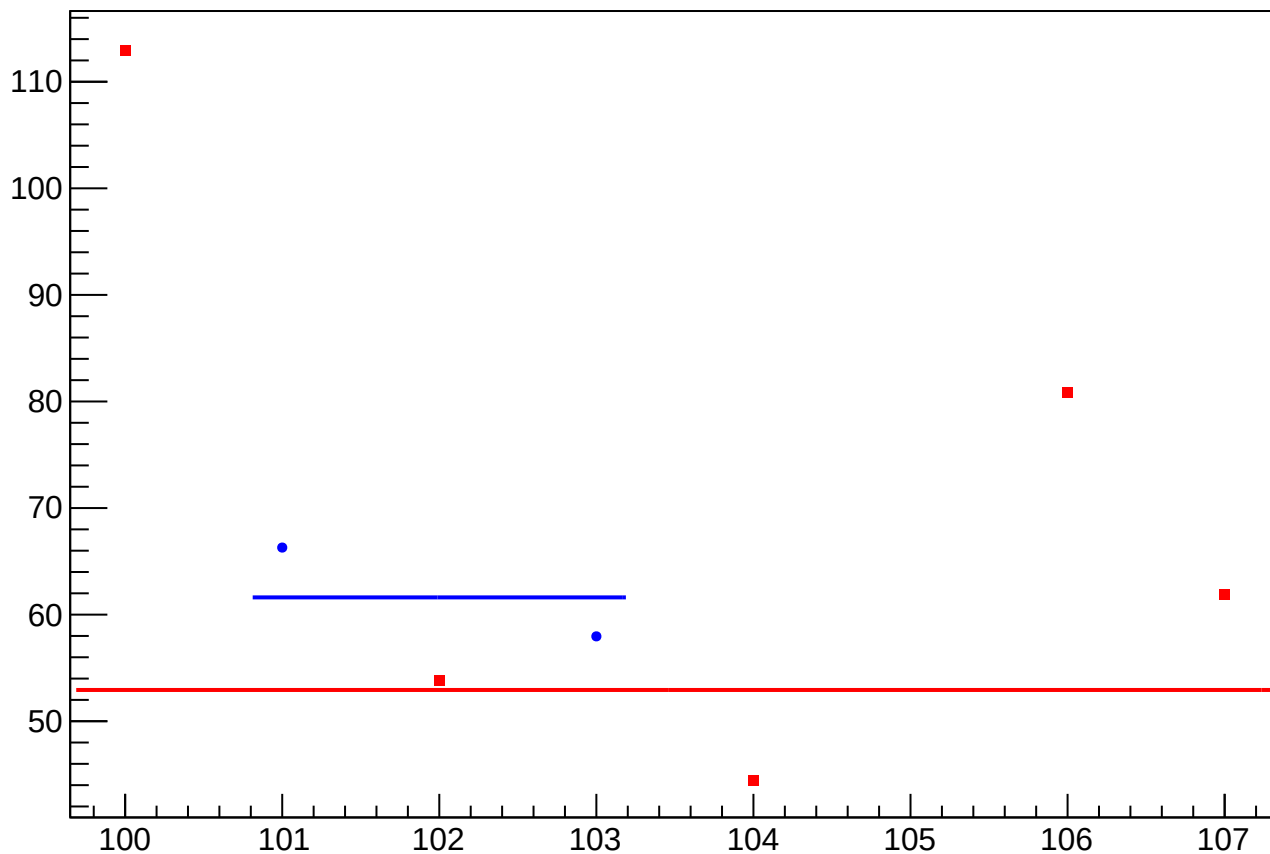
Right: 0.016 $\pm$ 0.034 χ^2 /NDF: 8.6/6

In: 0.011 $\pm$ 0.056 χ^2 /NDF: 2.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.016 $\pm$ 0.034 χ^2 /NDF: 8.6/6

asym_sam_2468_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.618 $\pm$ 0.040 χ^2 /NDF: 10763.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 52.931 $\pm$ 0.030 χ^2 /NDF: 138820.2/4

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

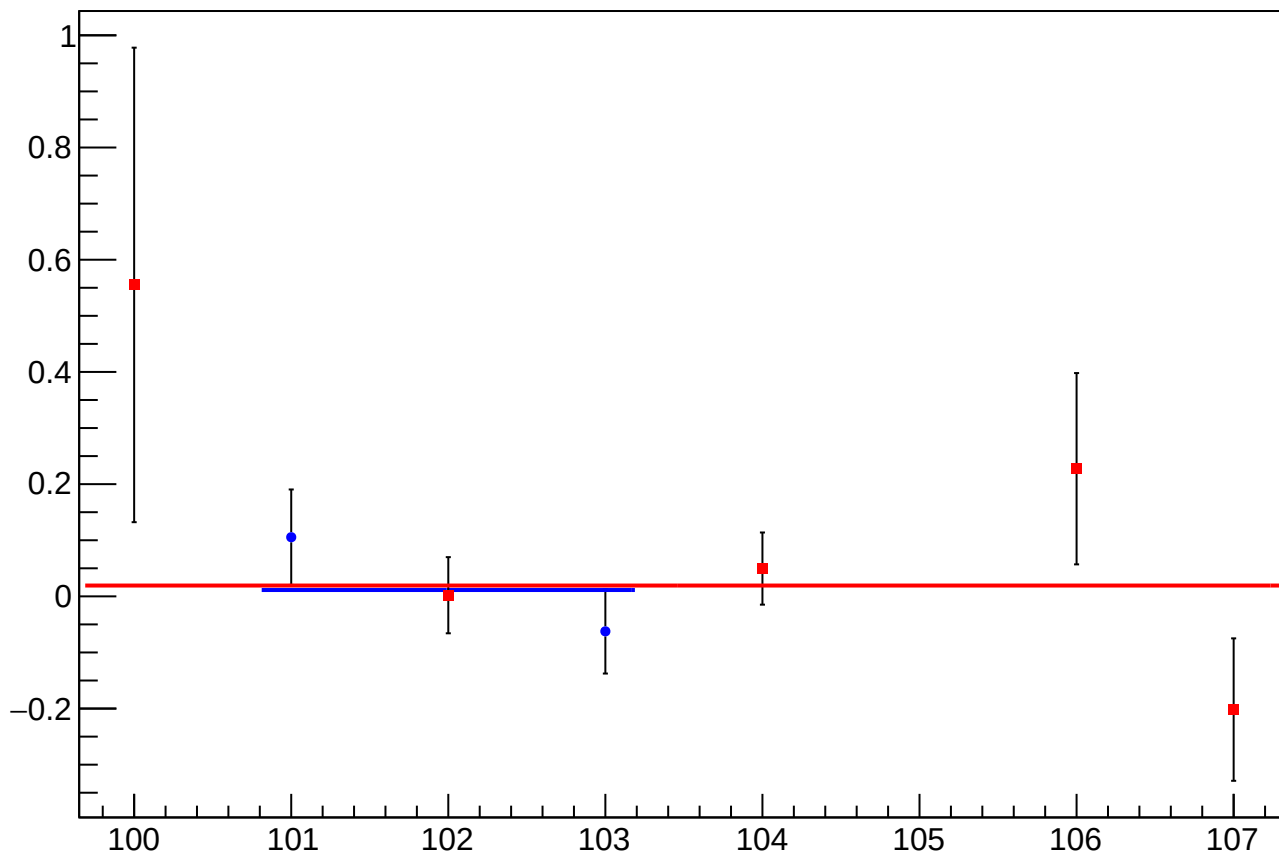
Right: 56.054 $\pm$ 0.024 χ^2 /NDF: 180018.2/6

In: 61.618 $\pm$ 0.040 χ^2 /NDF:10763.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 56.054 $\pm$ 0.024 χ^2 /NDF: 180018.2/6

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.056 χ^2/NDF : 2.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.019+/-0.042 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

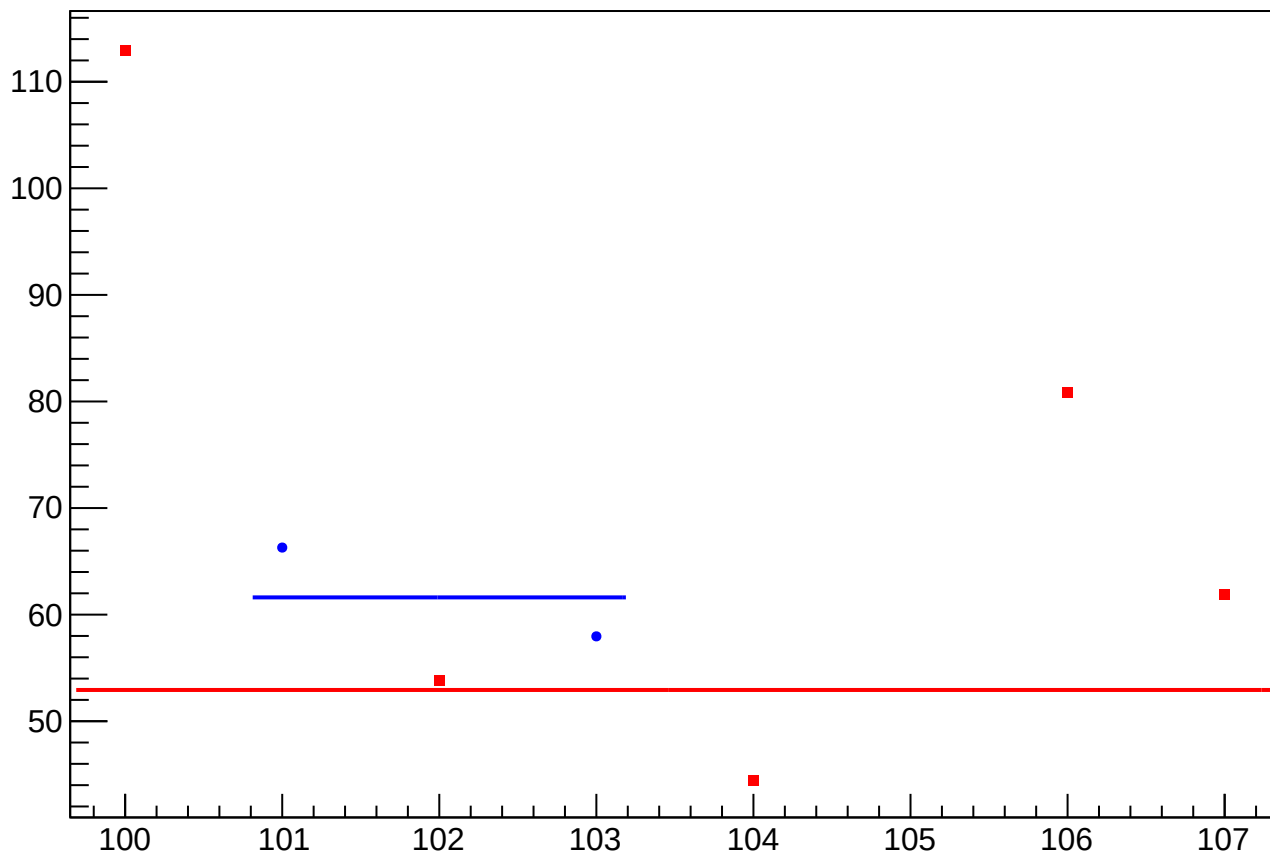
Right: 0.016+/-0.034 χ^2/NDF : 8.6/6

In: 0.011+/-0.056 χ^2/NDF : 2.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.034 χ^2/NDF : 8.6/6

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.618+/-0.040 χ^2/NDF : 10763.9/1

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

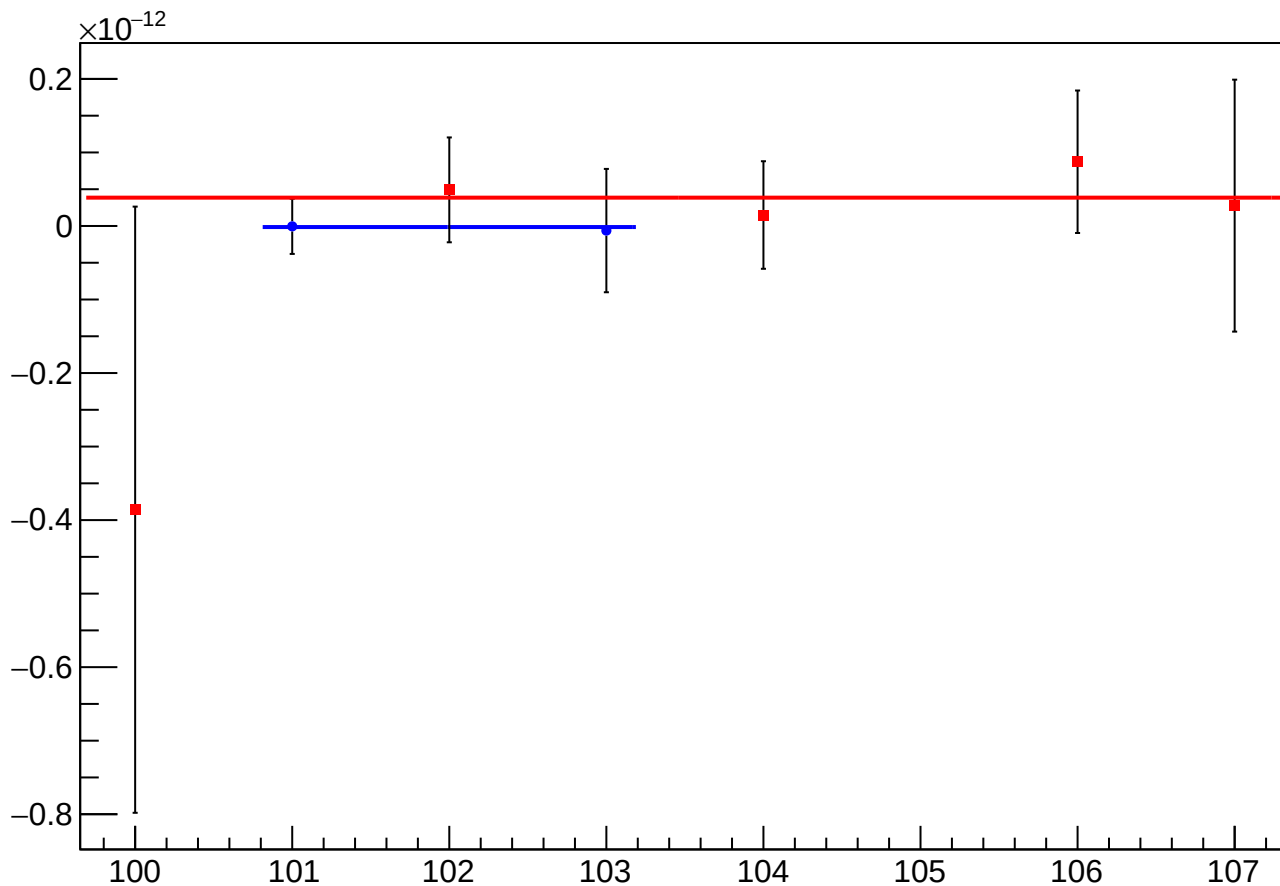
Right: 56.054+/-0.024 χ^2/NDF : 180018.2/6

In: 61.618+/-0.040 χ^2/NDF : 10763.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.054+/-0.024 χ^2/NDF : 180018.2/6

asym_sam_2468_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.0/1

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

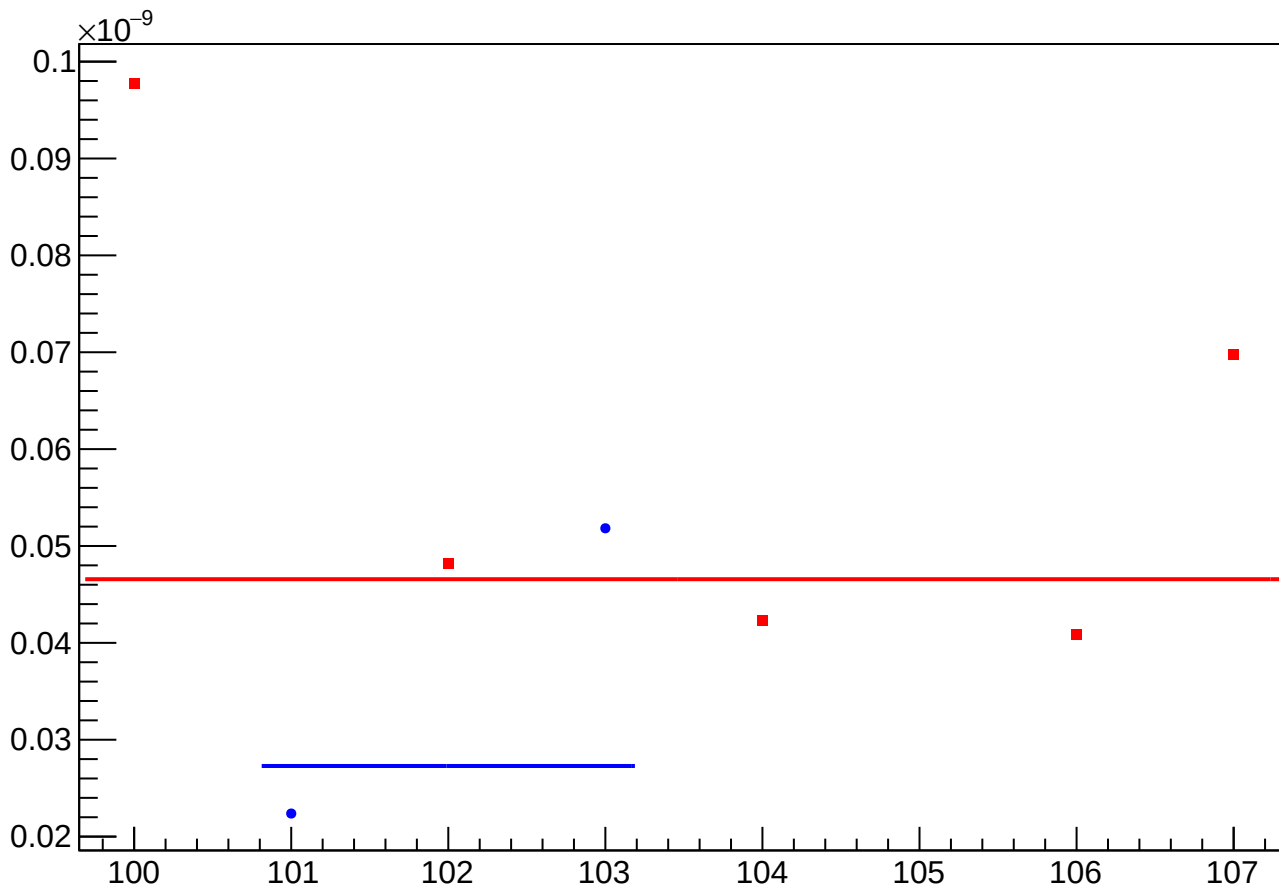
Right: 0.000+/-0.000 χ^2 /NDF: 2.0/6

In: -0.000+/-0.000 χ^2 /NDF:0.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 2.0/6

asym_sam_2468_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 205398.4/1

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

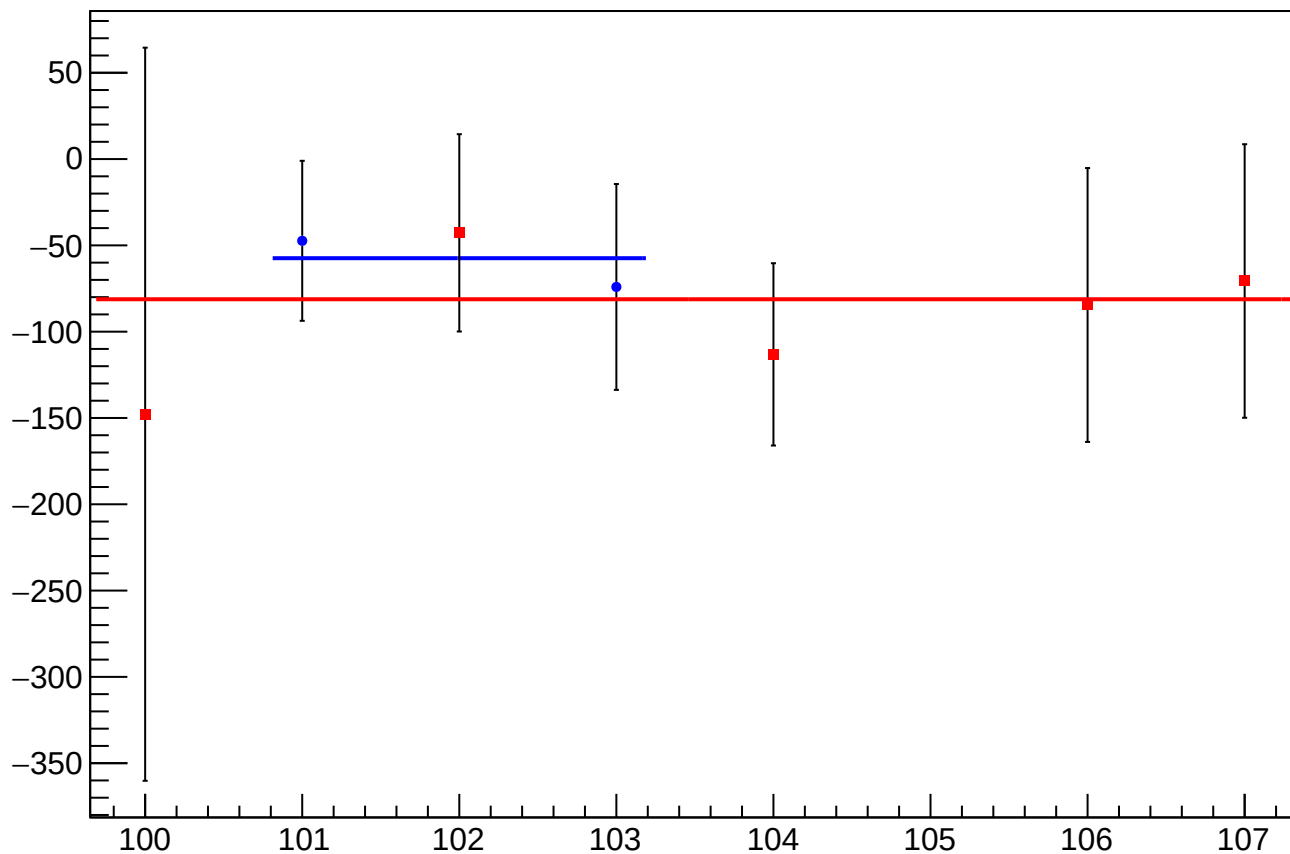
Right: 0.000+/-0.000 χ^2/NDF : 530740.9/6

In: 0.000+/-0.000 χ^2/NDF : 205398.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 530740.9/6

reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -57.426 $\pm$ 36.596 χ^2 /NDF: 0.1/1

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

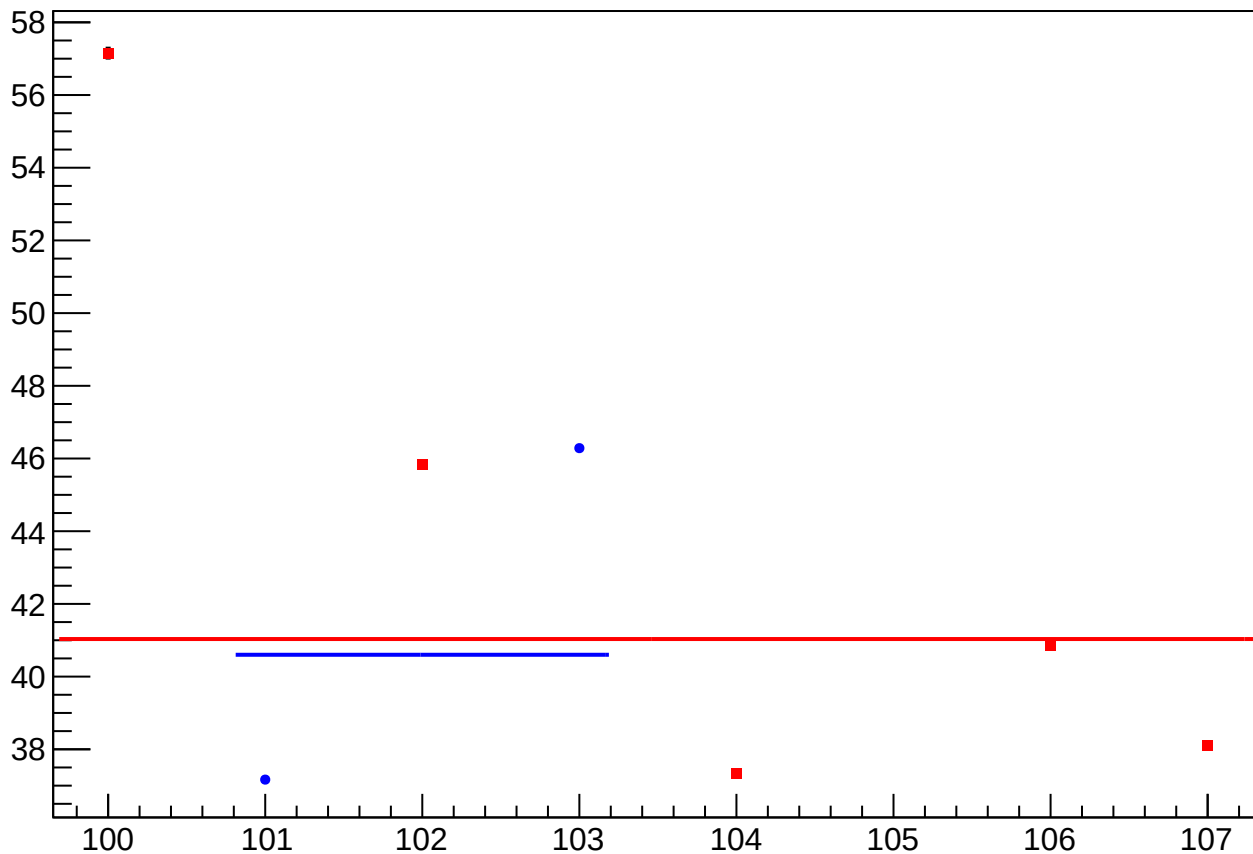
Right: -71.075 $\pm$ 23.893 χ^2 /NDF: 1.3/6

In: -57.426 $\pm$ 36.596 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -71.075 $\pm$ 23.893 χ^2 /NDF: 1.3/6

reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 40.601+/-0.026 χ^2/NDF : 29156.0/1

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

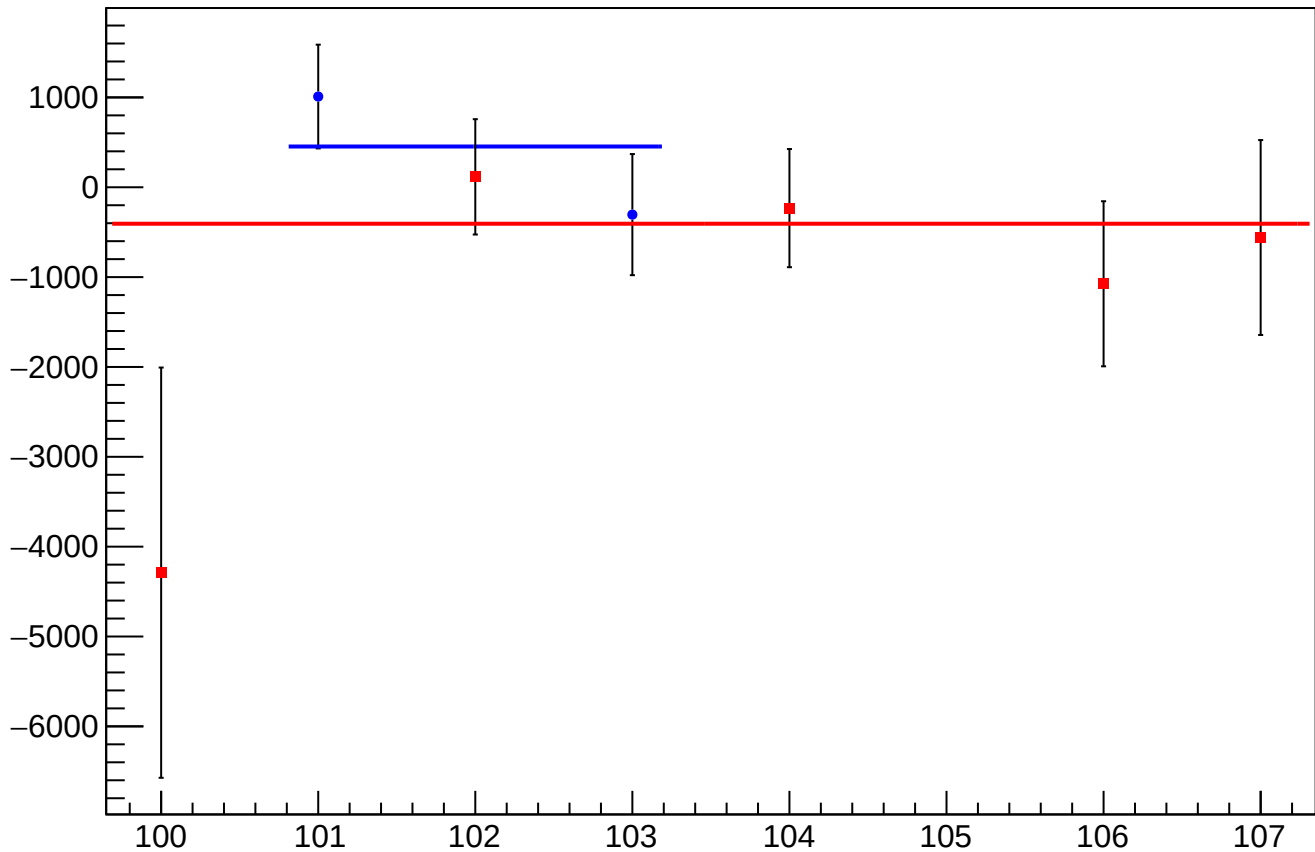
Right: 40.849+/-0.017 χ^2/NDF : 67567.9/6

In: 40.601+/-0.026 χ^2/NDF : 29156.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.849+/-0.017 χ^2/NDF : 67567.9/6

asym_sam_1357_2468_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 453.557+/-438.457 χ^2/NDF : 2.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -405.842+/-378.893 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

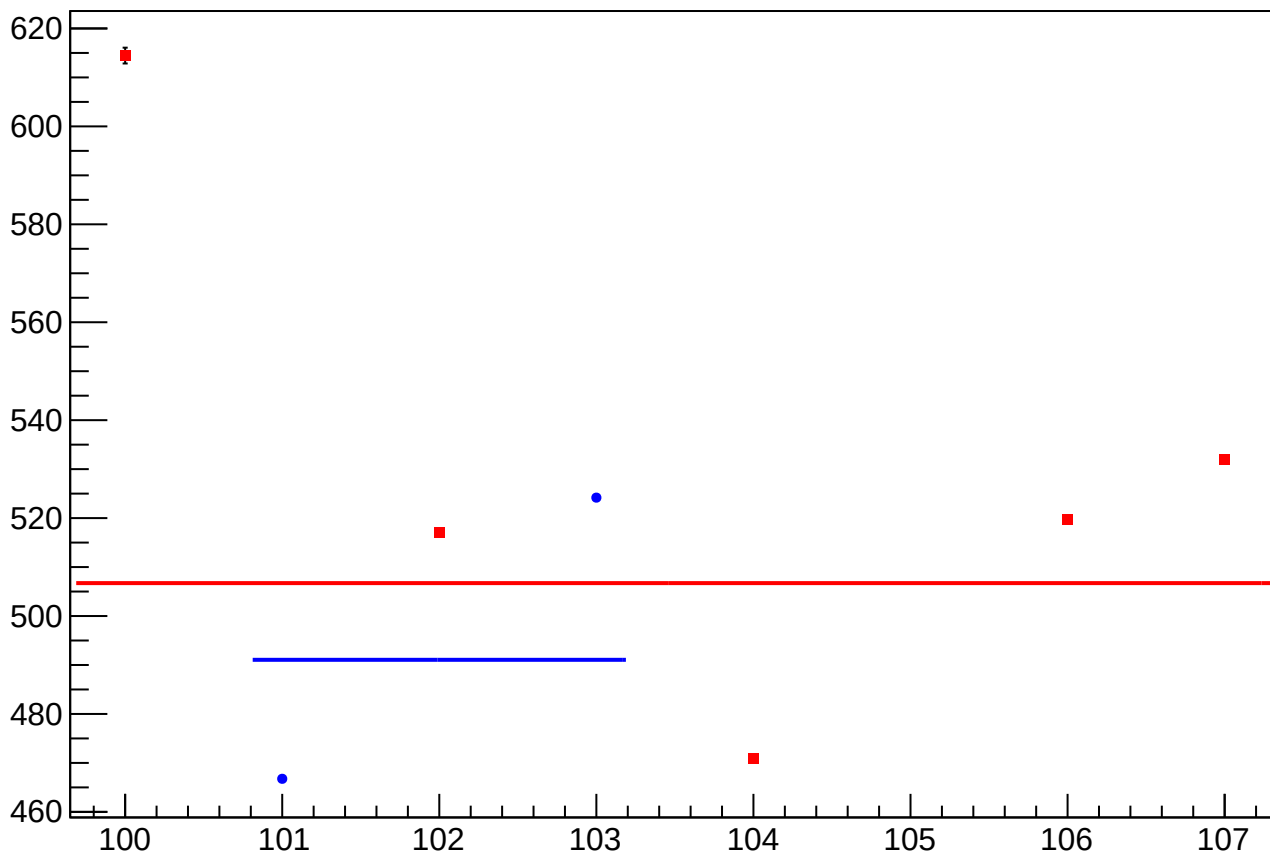
Right: -38.440+/-286.682 χ^2/NDF : 8.6/6

In: 453.557+/-438.457 χ^2/NDF : 2.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.440+/-286.682 χ^2/NDF : 8.6/6

asym_sam_1357_2468_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 491.057+/-0.310 χ^2/NDF : 8373.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 506.722+/-0.268 χ^2/NDF : 12382.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

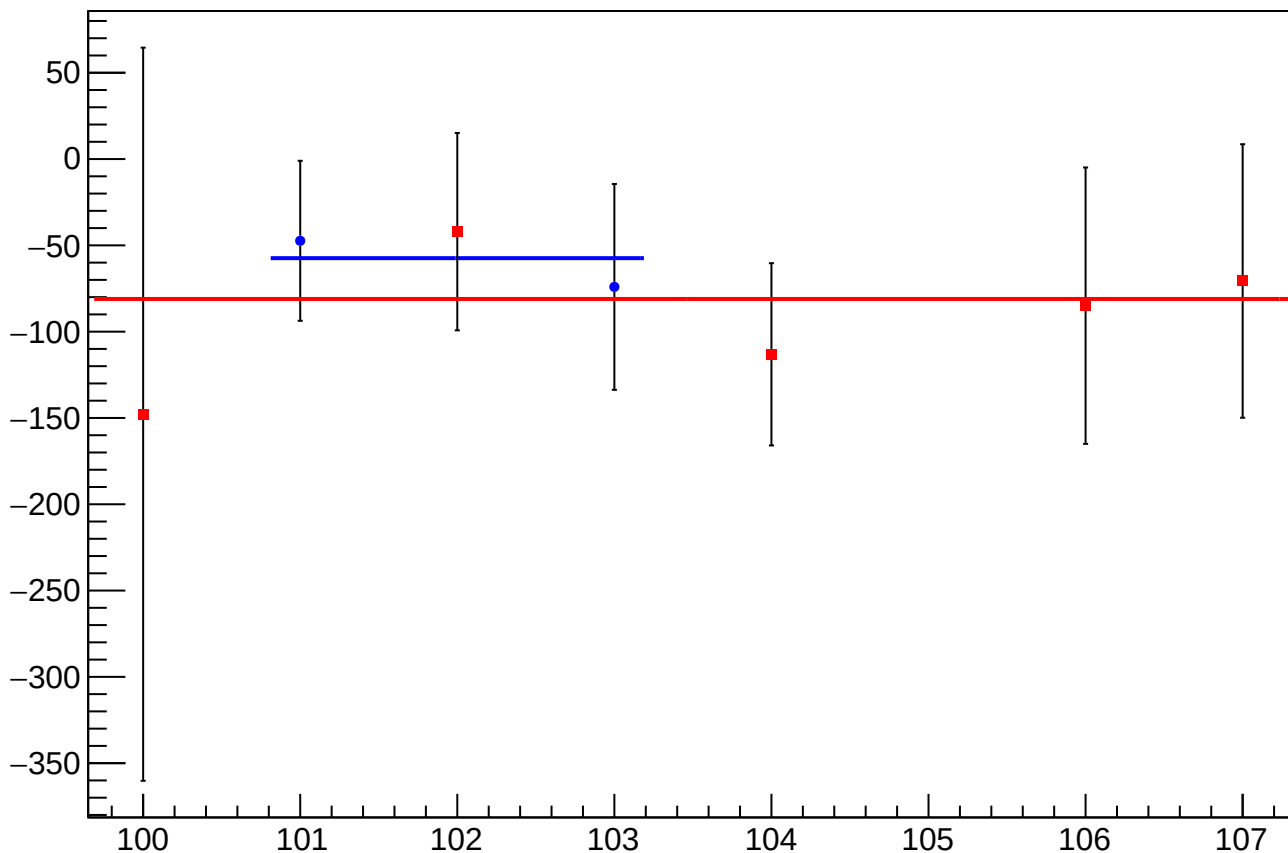
Right: 500.025+/-0.203 χ^2/NDF : 22218.1/6

In: 491.057+/-0.310 χ^2/NDF : 8373.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 500.025+/-0.203 χ^2/NDF : 22218.1/6

cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -57.420 $\pm$ 36.596 χ^2 /NDF: 0.1/1

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

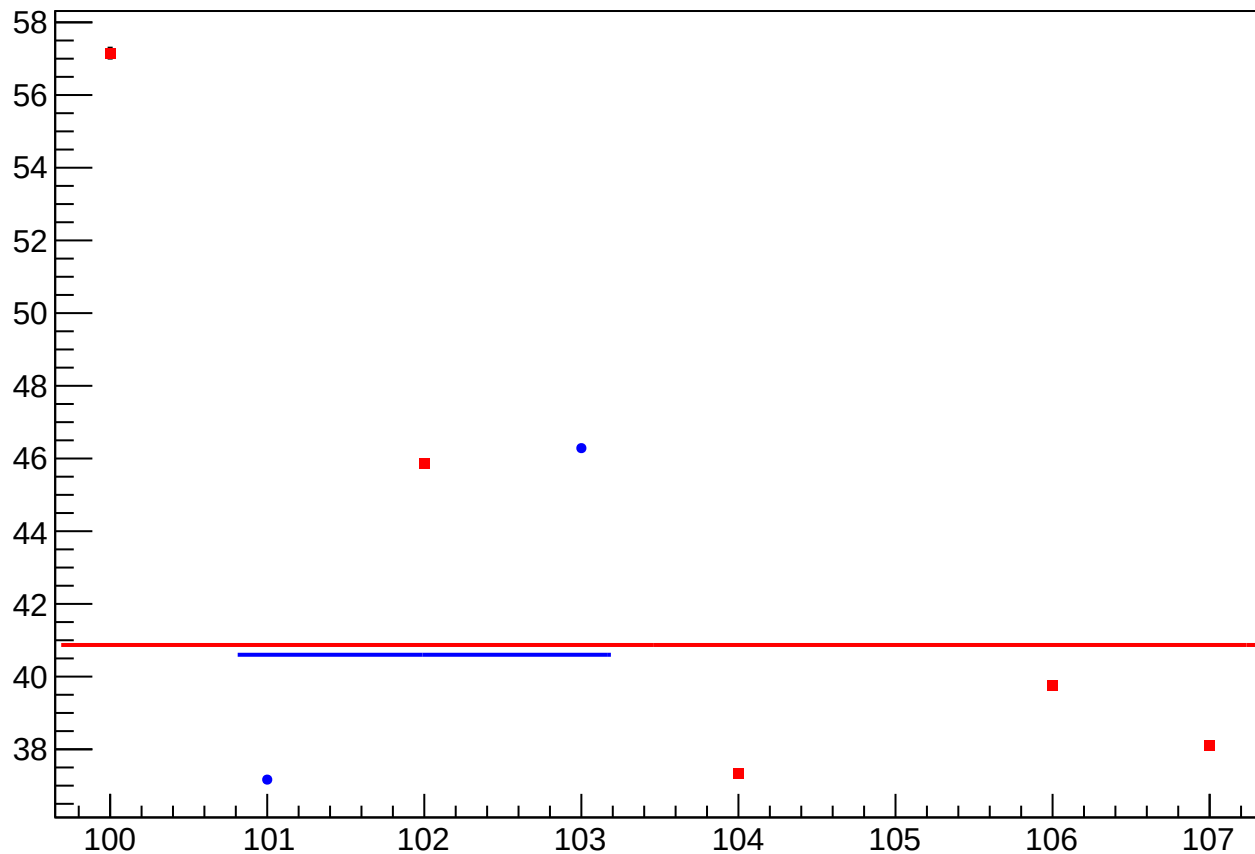
Right: -70.965 $\pm$ 23.914 χ^2 /NDF: 1.3/6

In: -57.420 $\pm$ 36.596 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -70.965 $\pm$ 23.914 χ^2 /NDF: 1.3/6

cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 40.601+/-0.026 χ^2/NDF : 29157.5/1

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

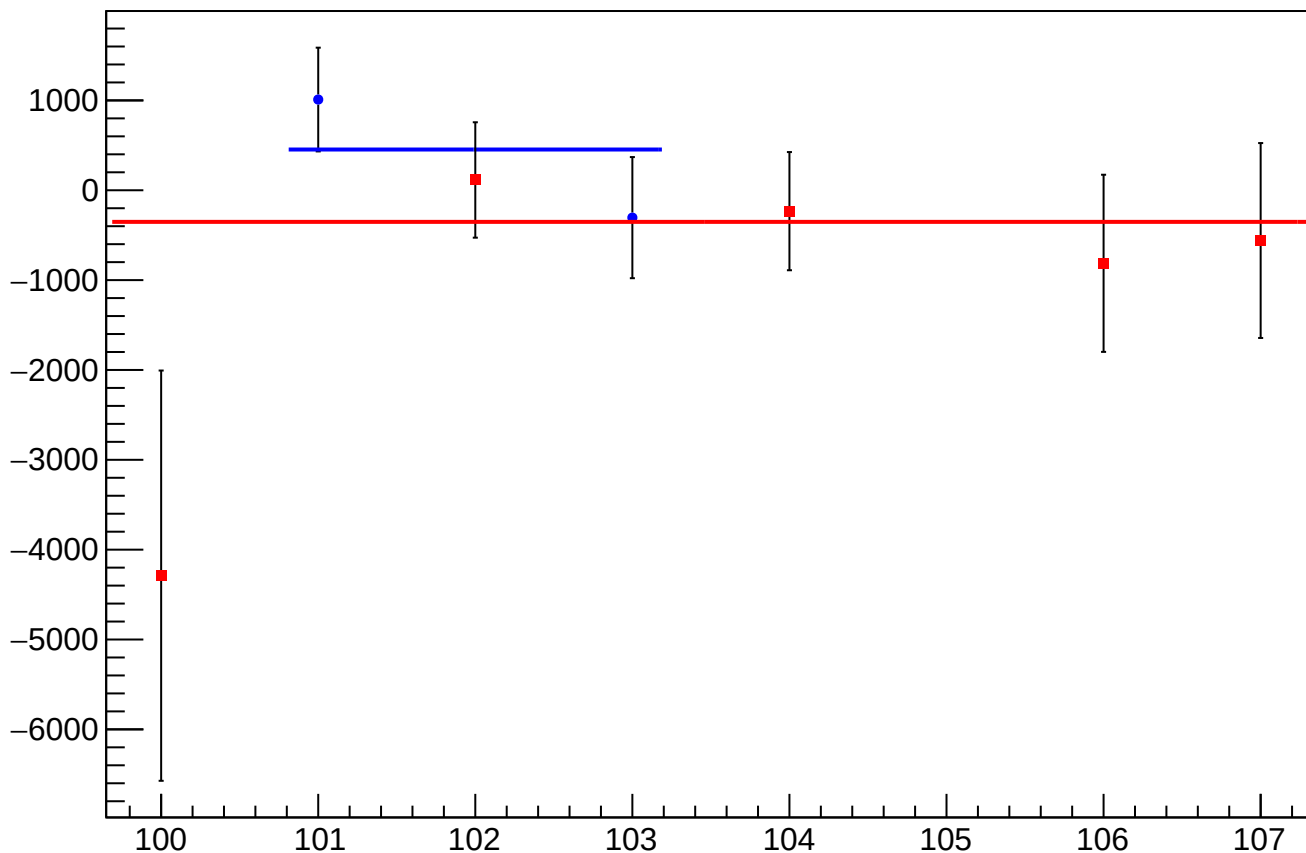
Right: 40.755+/-0.017 χ^2/NDF : 68006.6/6

In: 40.601+/-0.026 χ^2/NDF : 29157.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.755+/-0.017 χ^2/NDF : 68006.6/6

asym_sam_1357_2468_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 453.503 $\pm$ 438.466 χ^2 /NDF: 2.2/1

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

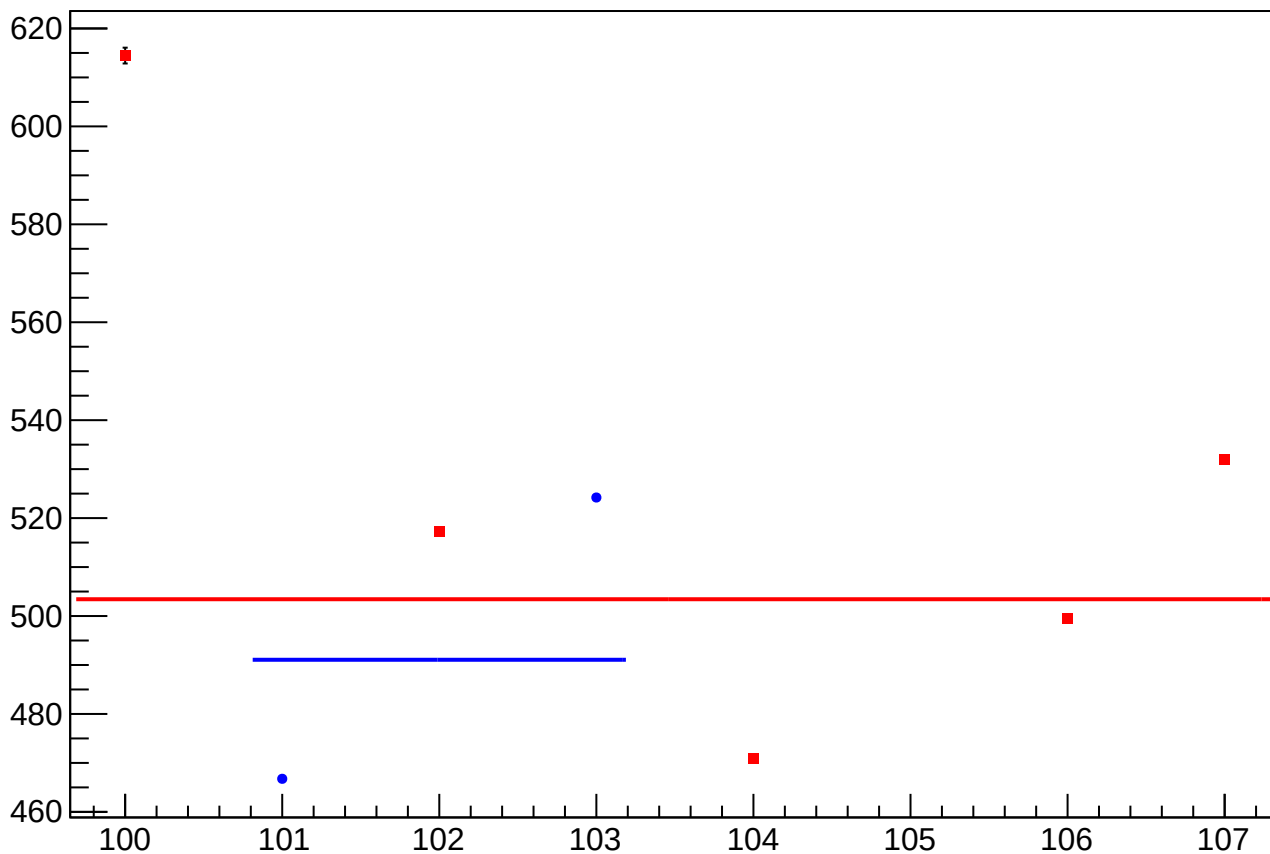
Right: -2.985 $\pm$ 288.567 χ^2 /NDF: 7.9/6

In: 453.503 $\pm$ 438.466 χ^2 /NDF:2.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.985 $\pm$ 288.567 χ^2 /NDF: 7.9/6

asym_sam_1357_2468_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 491.066 ± 0.310 χ^2/NDF : 8380.3/1

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

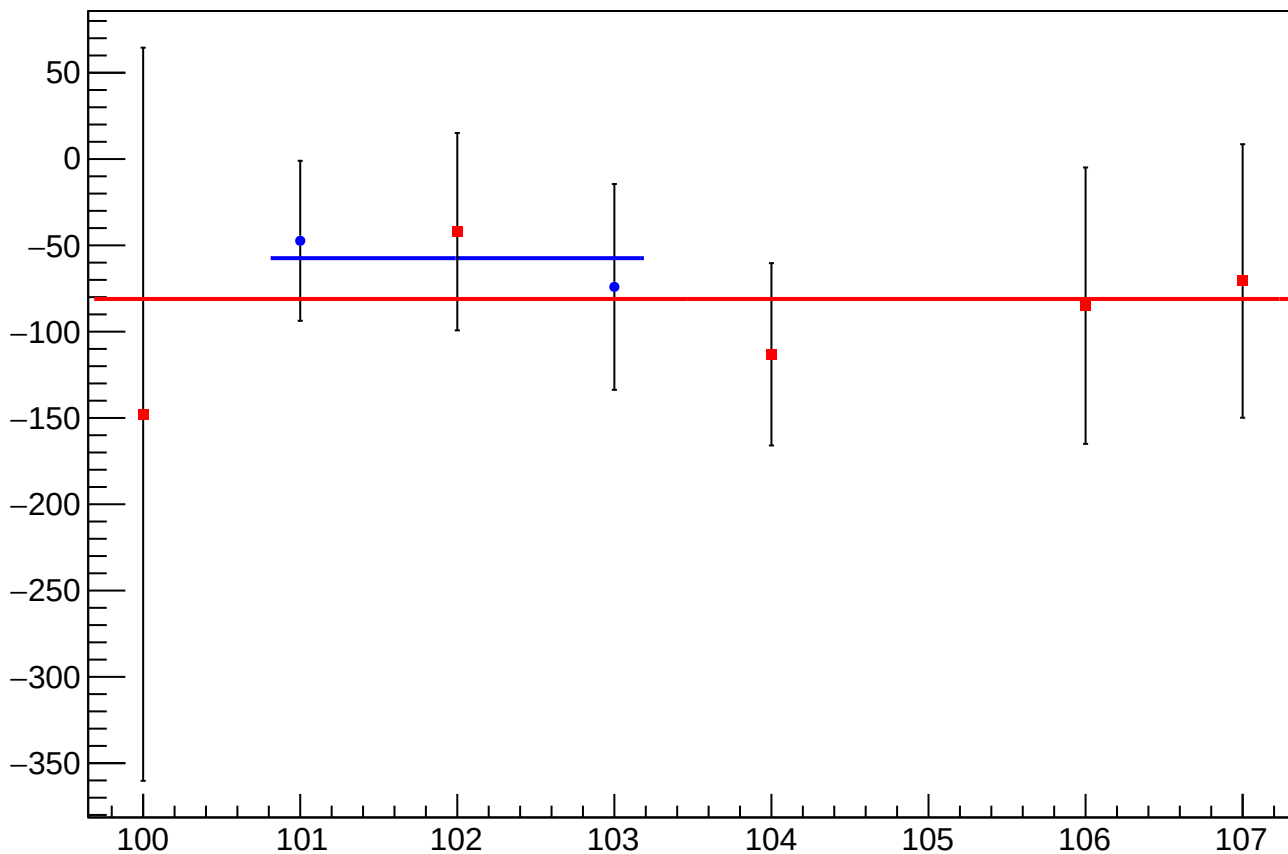
Right: 498.075 ± 0.204 χ^2/NDF : 21237.6/6

In: 491.066 ± 0.310 χ^2/NDF : 8380.3/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 498.075 ± 0.204 χ^2/NDF : 21237.6/6

eigen_cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -57.420 $\pm$ 36.596 χ^2 /NDF: 0.1/1

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

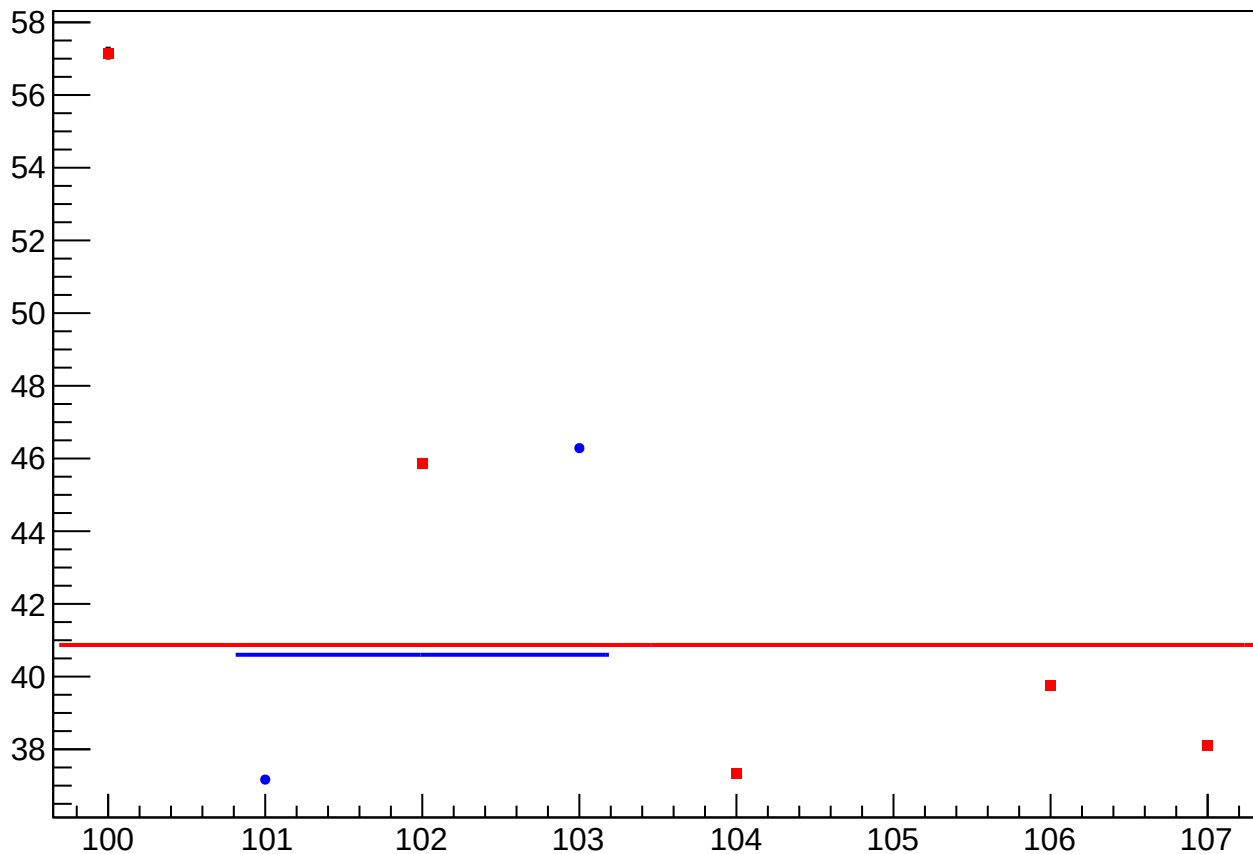
Right: -70.965 $\pm$ 23.914 χ^2 /NDF: 1.3/6

In: -57.420 $\pm$ 36.596 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -70.965 $\pm$ 23.914 χ^2 /NDF: 1.3/6

eigen_cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 40.601+/-0.026 χ^2 /NDF: 29157.5/1

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

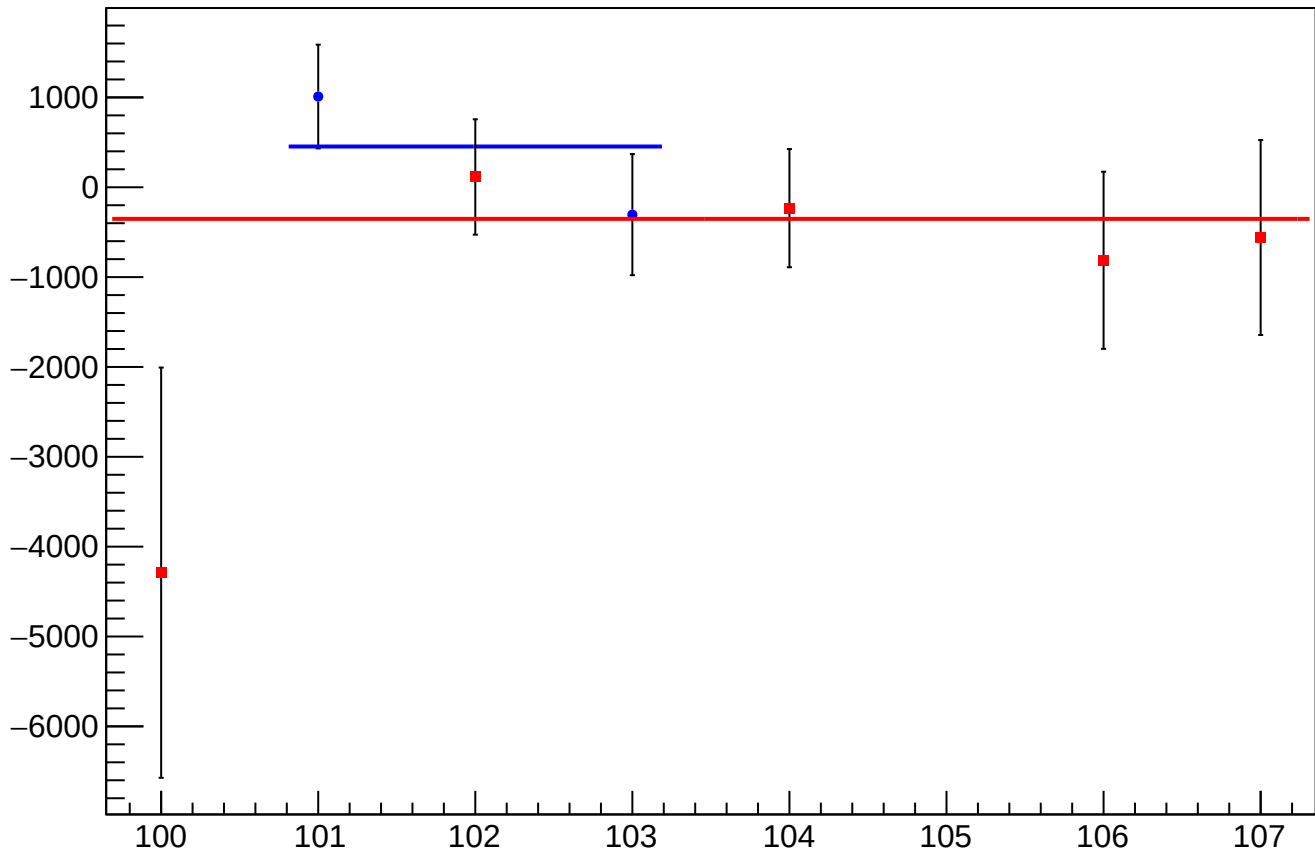
Right: 40.755+/-0.017 χ^2 /NDF: 68006.6/6

In: 40.601+/-0.026 χ^2 /NDF:29157.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 40.755+/-0.017 χ^2 /NDF: 68006.6/6

asym_sam_1357_2468_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 453.503 $\pm$ 438.466 χ^2 /NDF: 2.2/1

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

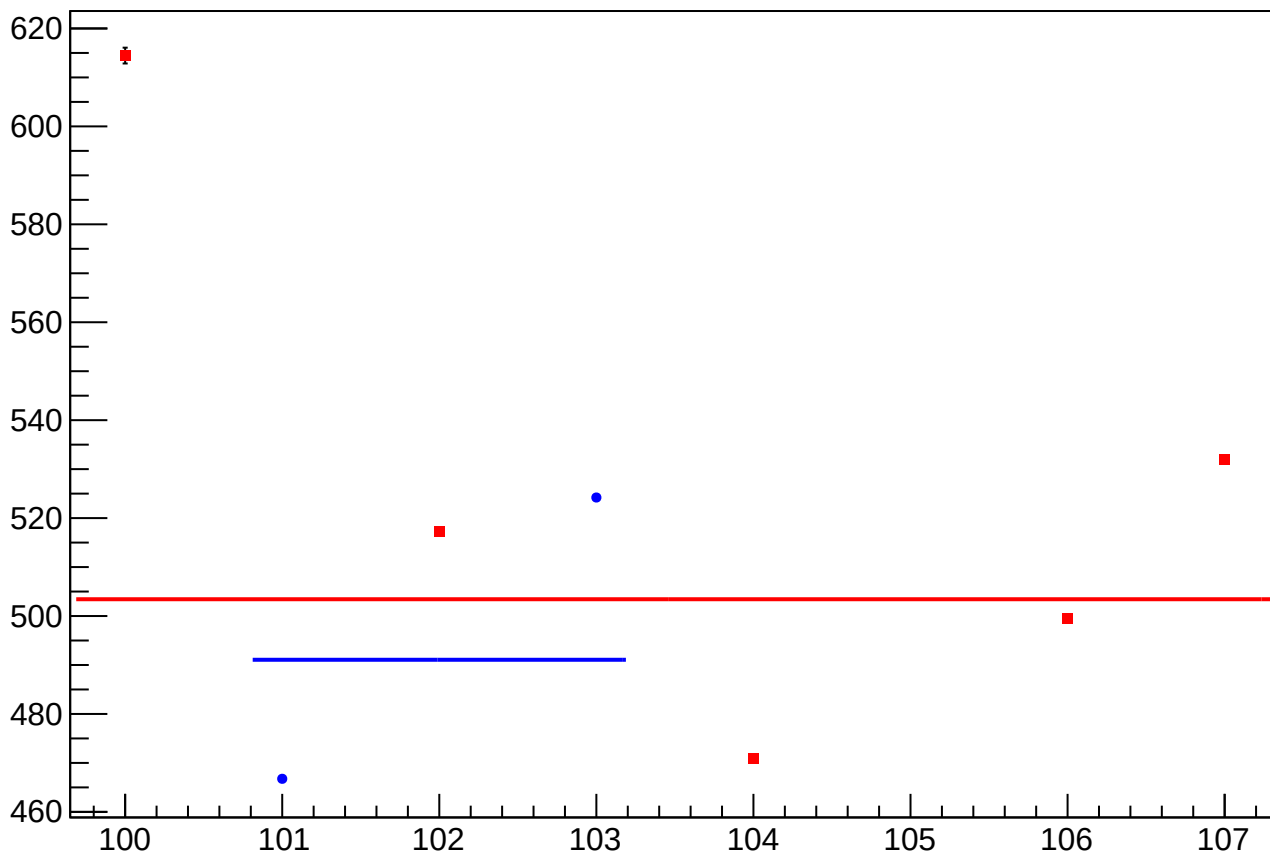
Right: -2.985 $\pm$ 288.567 χ^2 /NDF: 7.9/6

In: 453.503 $\pm$ 438.466 χ^2 /NDF:2.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.985 $\pm$ 288.567 χ^2 /NDF: 7.9/6

asym_sam_1357_2468_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 491.066+/-0.310 χ^2/NDF : 8380.3/1

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

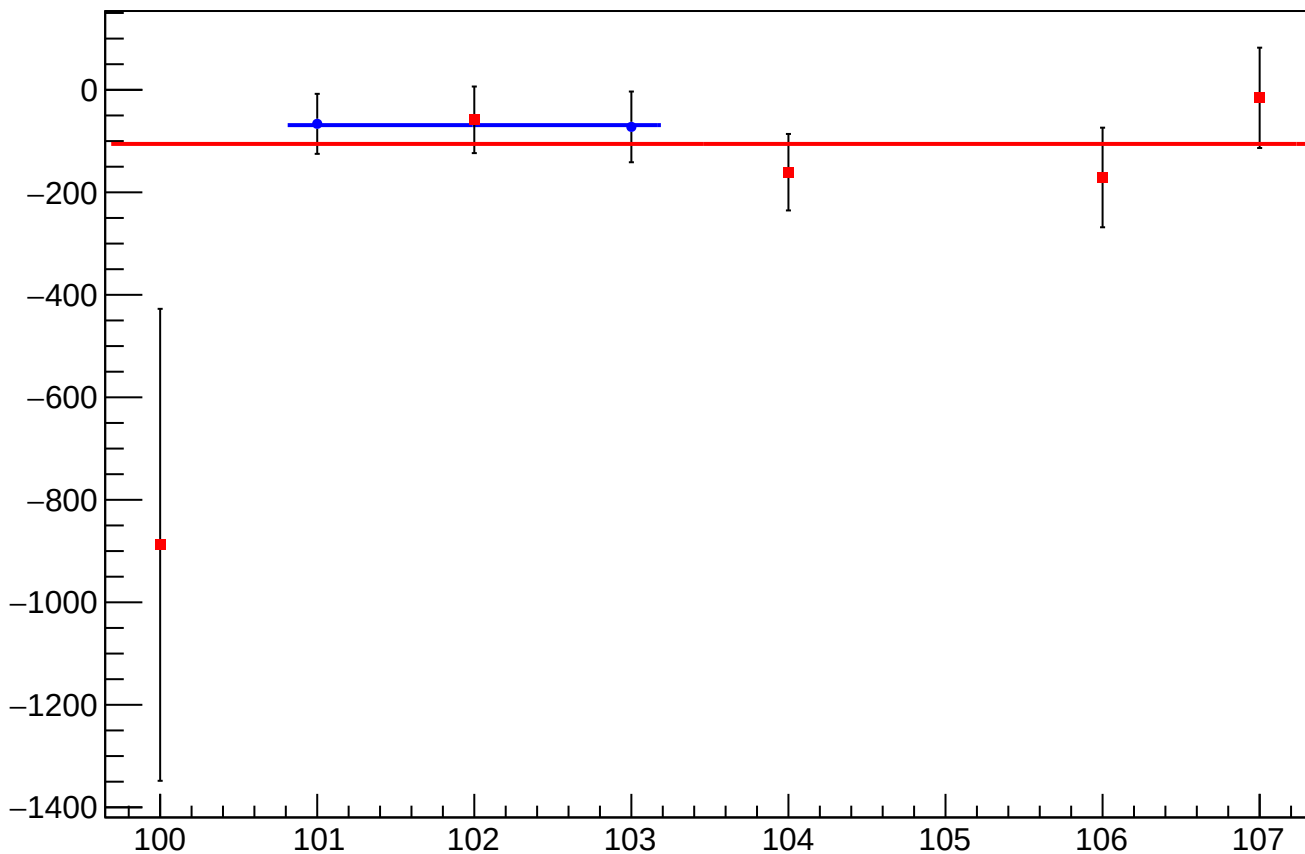
Right: 498.075+/-0.204 χ^2/NDF : 21237.6/6

In: 491.066+/-0.310 χ^2/NDF : 8380.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 498.075+/-0.204 χ^2/NDF : 21237.6/6

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -68.849 $\pm$ 44.642 χ^2 /NDF: 0.0/1

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

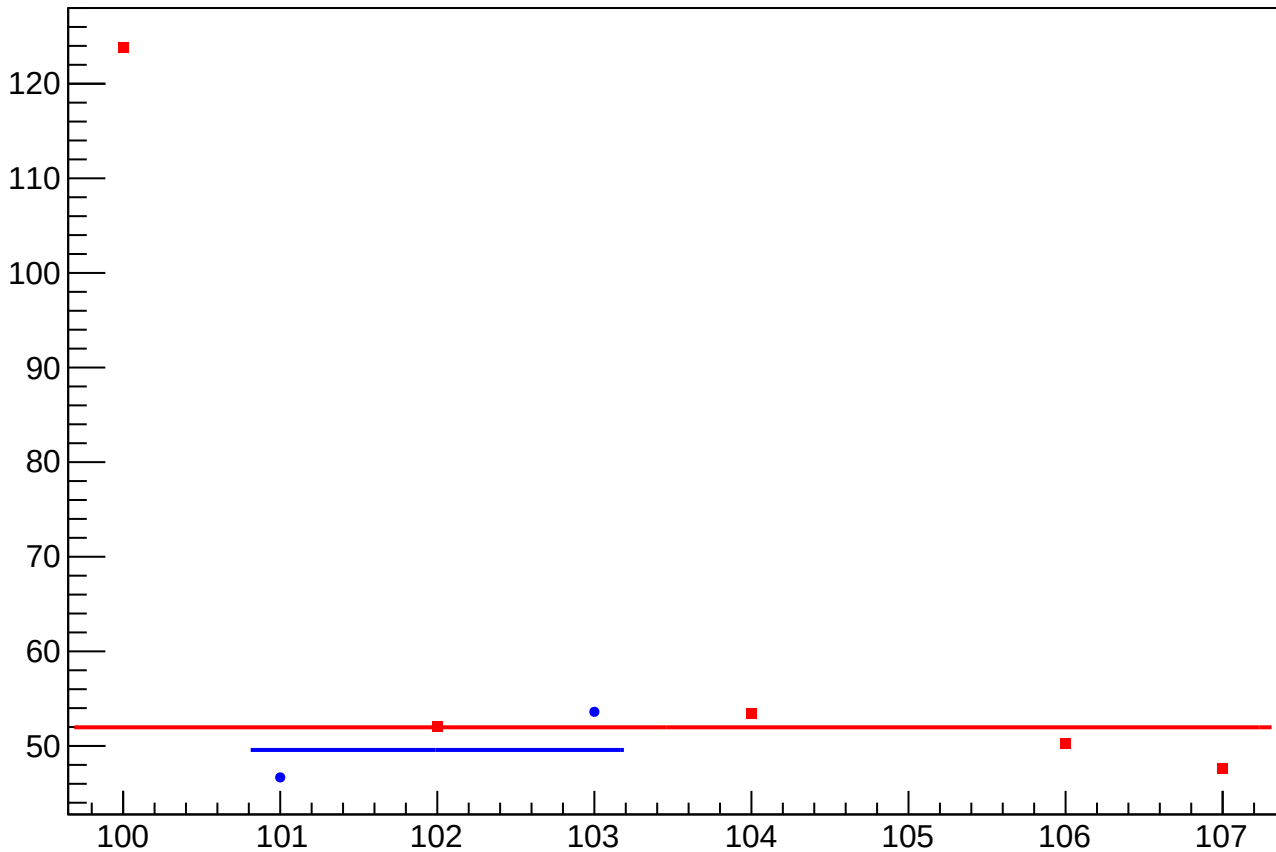
Right: -89.296 $\pm$ 29.706 χ^2 /NDF: 5.6/6

In: -68.849 $\pm$ 44.642 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -89.296 $\pm$ 29.706 χ^2 /NDF: 5.6/6

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 49.579+/-0.032 χ^2/NDF : 11743.3/1

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

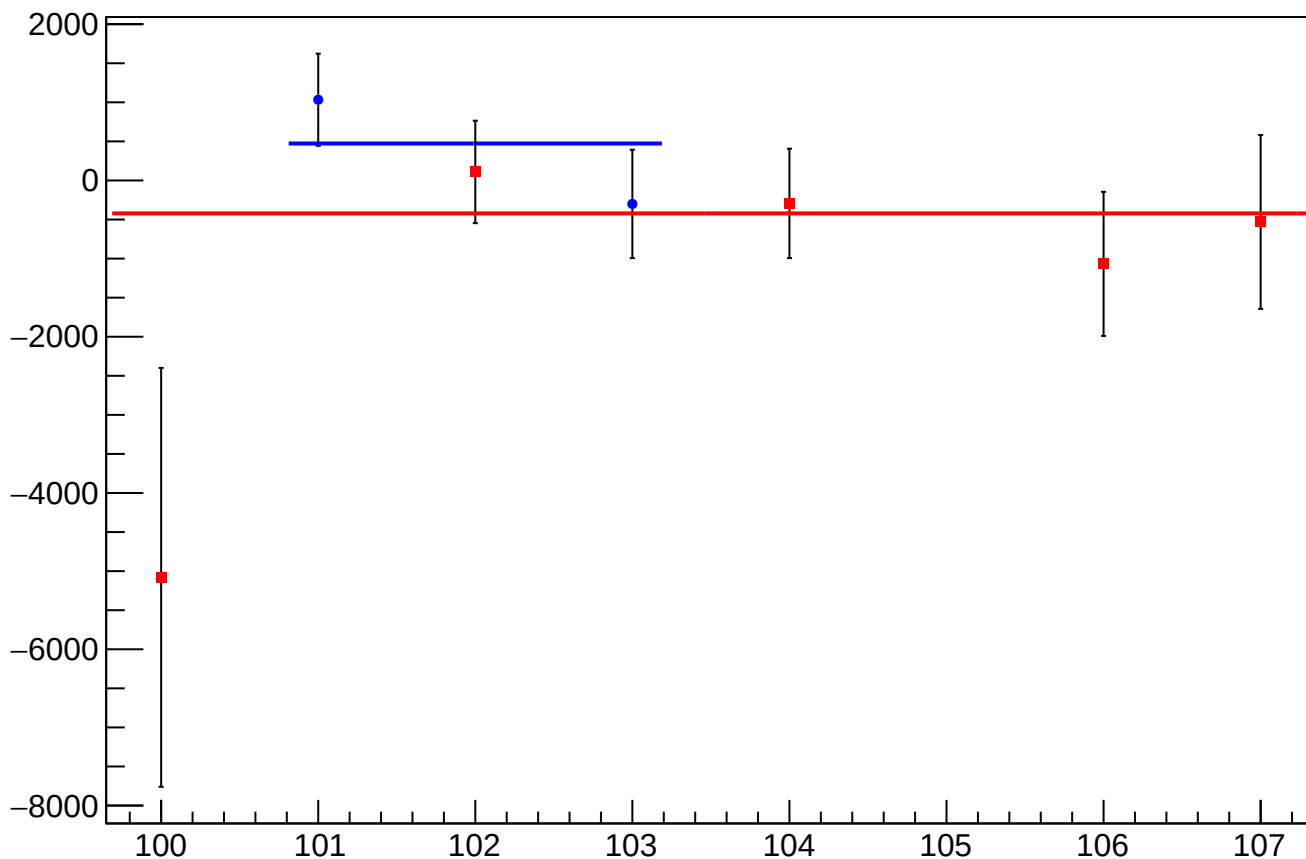
Right: 50.913+/-0.021 χ^2/NDF : 68874.3/6

In: 49.579+/-0.032 χ^2/NDF : 11743.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.913+/-0.021 χ^2/NDF : 68874.3/6

asym_sam_1357_2468_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 473.073+/-449.287 χ^2/NDF : 2.1/1

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

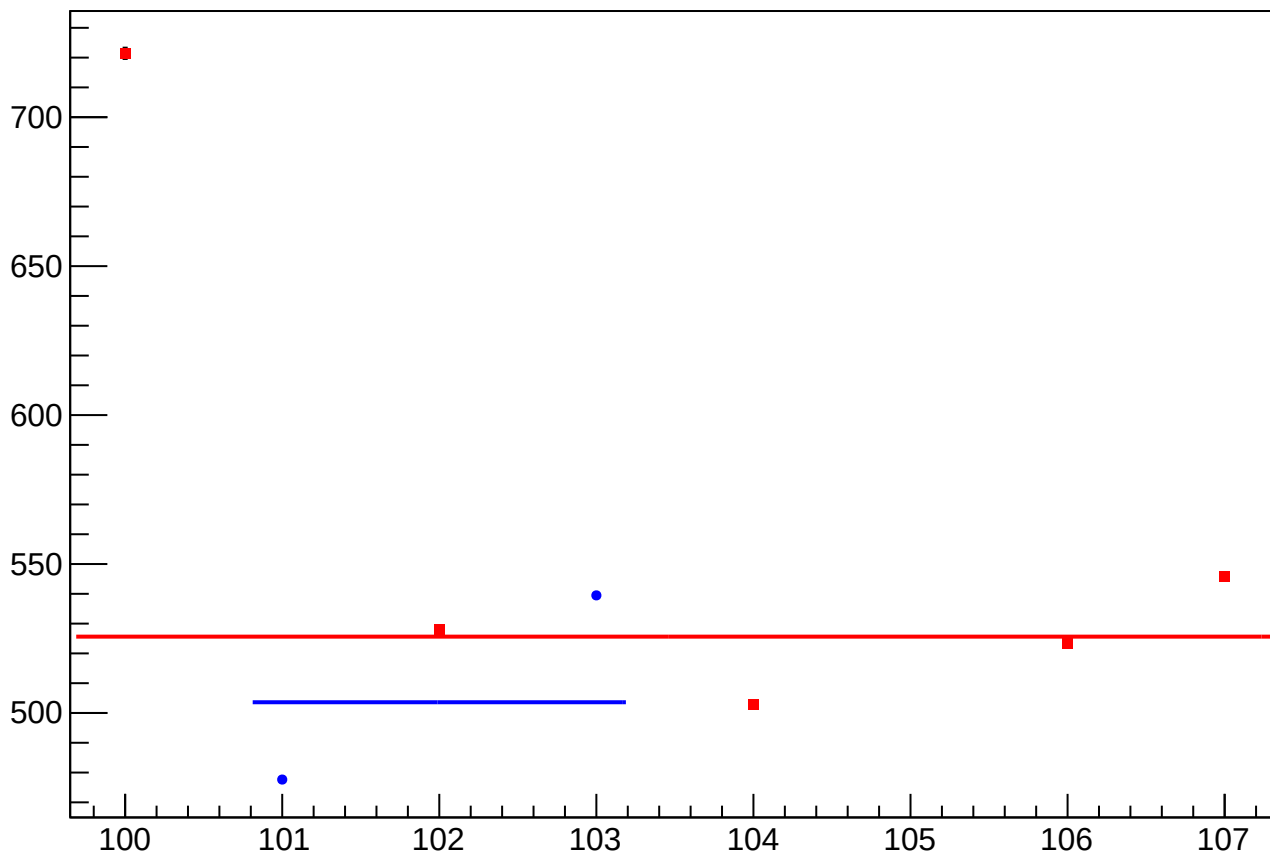
Right: -34.342+/-295.595 χ^2/NDF : 8.6/6

In: 473.073+/-449.287 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.342+/-295.595 χ^2/NDF : 8.6/6

asym_sam_1357_2468_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 503.603+/-0.318 χ^2/NDF : 9224.6/1

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

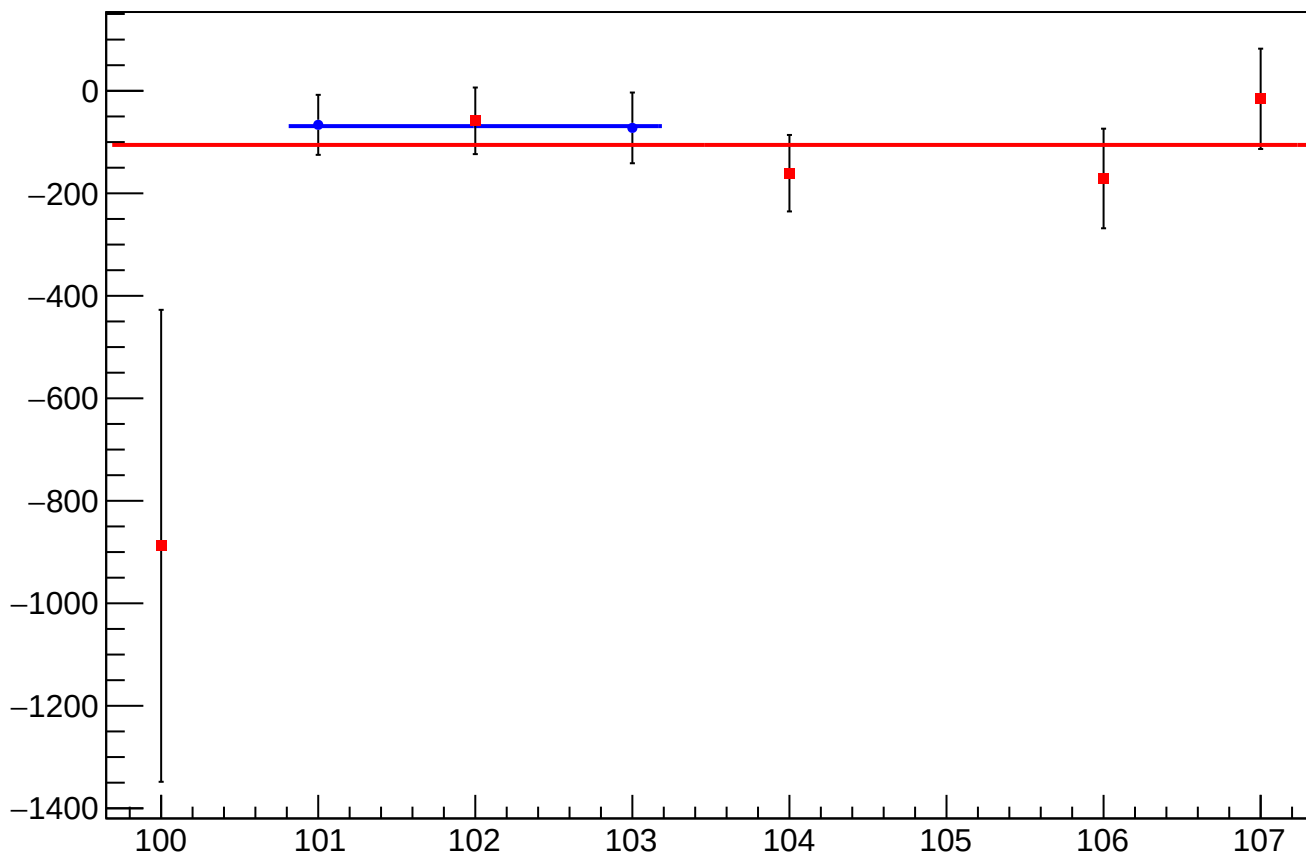
Right: 516.094+/-0.209 χ^2/NDF : 25457.4/6

In: 503.603+/-0.318 χ^2/NDF : 9224.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 516.094+/-0.209 χ^2/NDF : 25457.4/6

eigen_dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -68.847 ± 44.642 $\chi^2/\text{NDF}: 0.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -105.545 ± 39.796 $\chi^2/\text{NDF}: 5.3/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

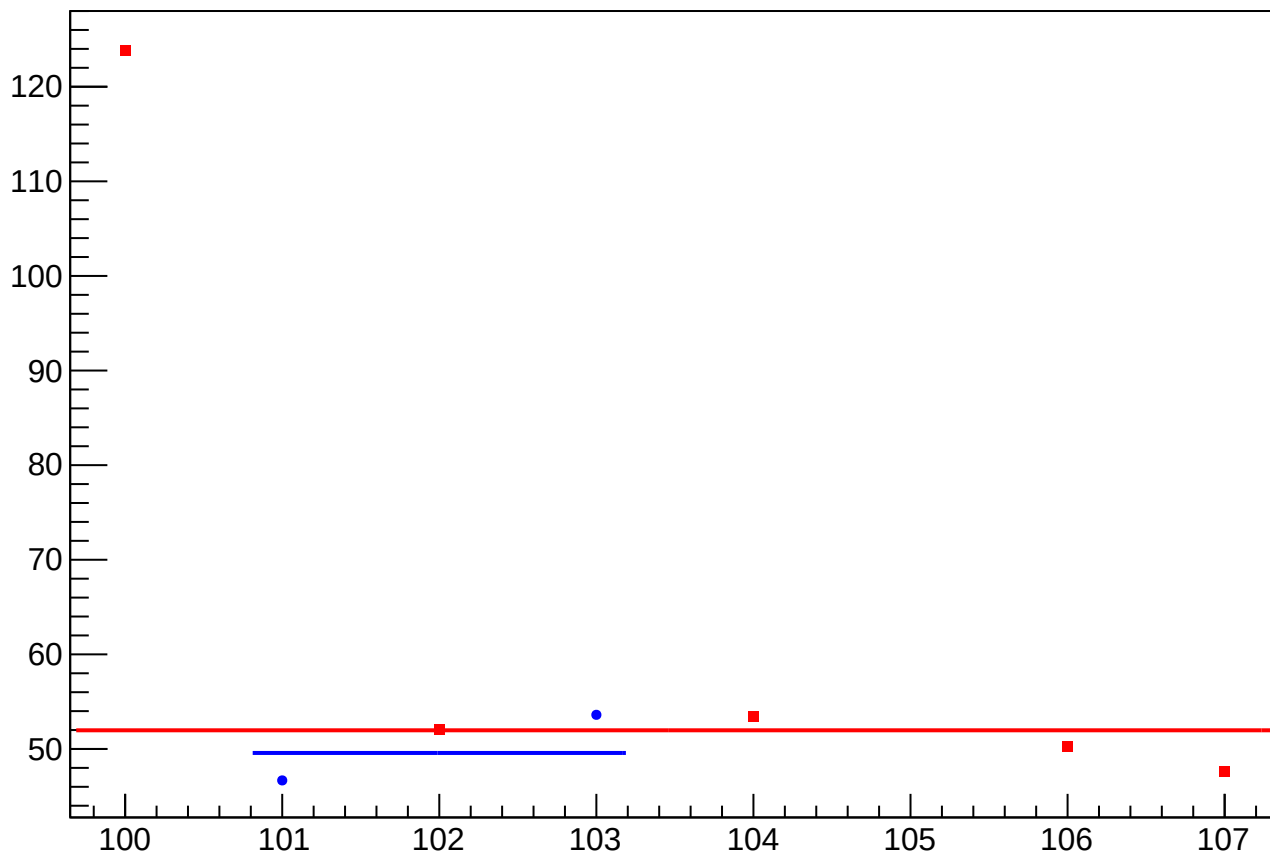
Right: -89.295 ± 29.706 $\chi^2/\text{NDF}: 5.6/6$

In: -68.847 ± 44.642 $\chi^2/\text{NDF}: 0.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -89.295 ± 29.706 $\chi^2/\text{NDF}: 5.6/6$

eigen_dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 49.579+/-0.032 χ^2/NDF : 11741.1/1

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

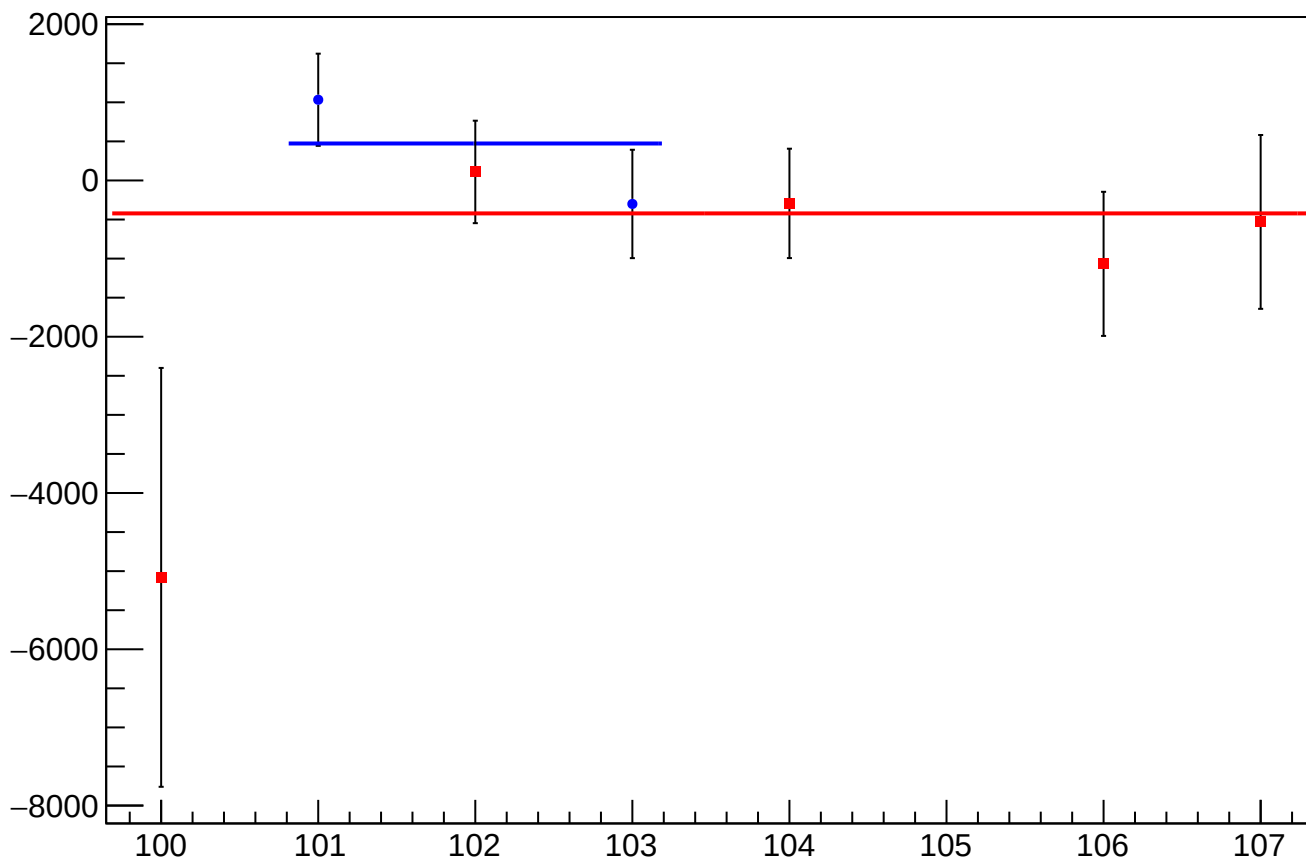
Right: 50.913+/-0.021 χ^2/NDF : 68871.5/6

In: 49.579+/-0.032 χ^2/NDF : 11741.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.913+/-0.021 χ^2/NDF : 68871.5/6

asym_sam_1357_2468_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 473.073+/-449.287 χ^2/NDF : 2.1/1

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

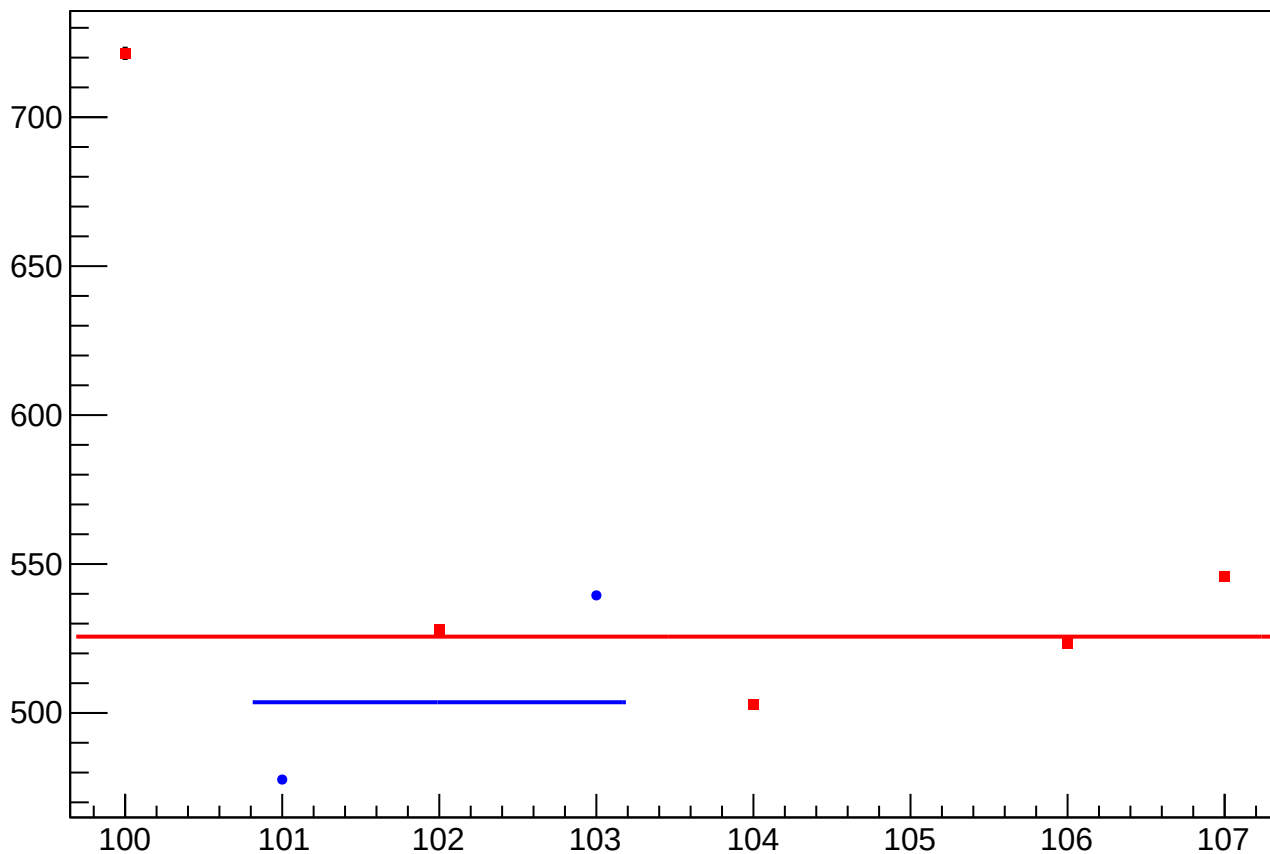
Right: -34.342+/-295.595 χ^2/NDF : 8.6/6

In: 473.073+/-449.287 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.342+/-295.595 χ^2/NDF : 8.6/6

asym_sam_1357_2468_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 503.602 $\pm$ 0.318 χ^2 /NDF: 9224.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 525.627 $\pm$ 0.278 χ^2 /NDF: 13507.1/4

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

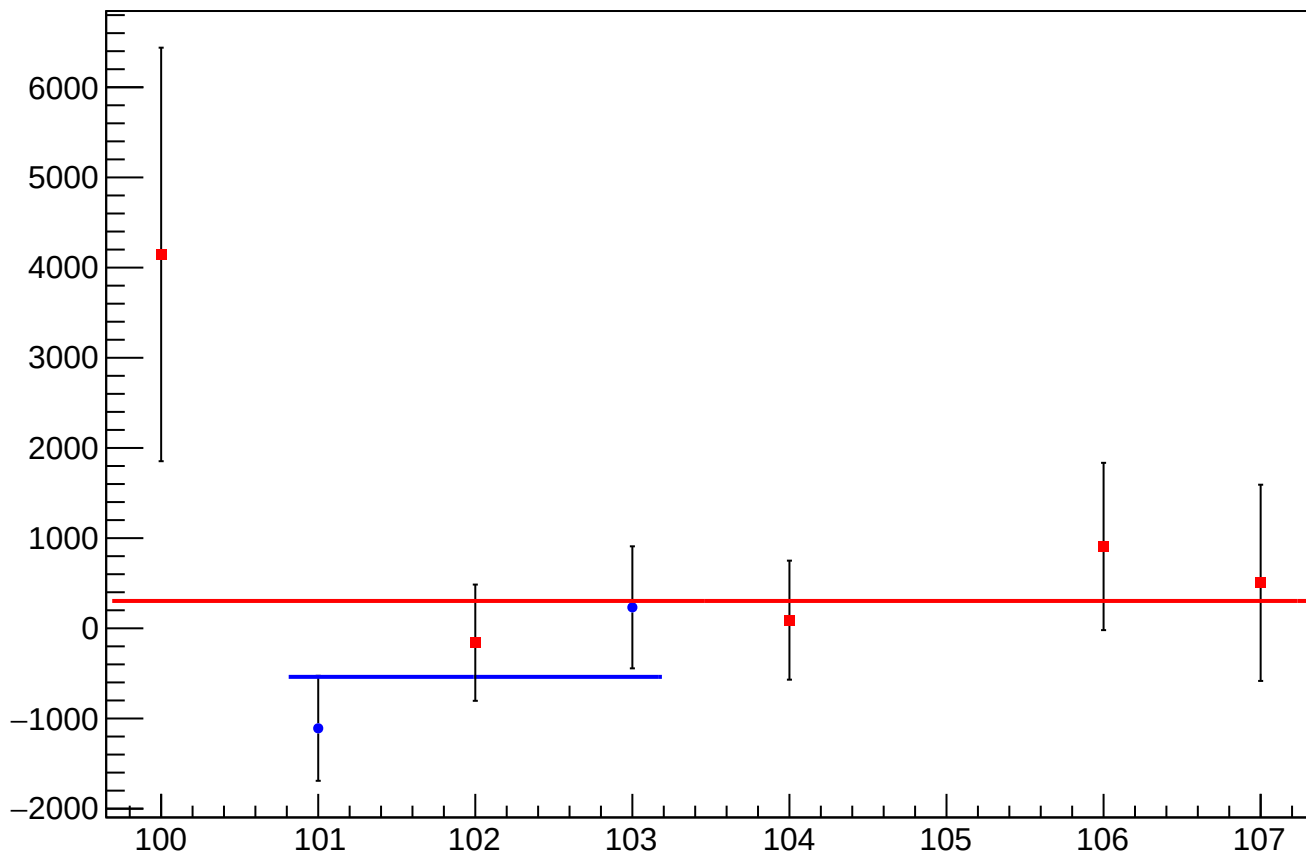
Right: 516.093 $\pm$ 0.209 χ^2 /NDF: 25457.2/6

In: 503.602 $\pm$ 0.318 χ^2 /NDF:9224.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 516.093 $\pm$ 0.209 χ^2 /NDF: 25457.2/6

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -538.285+/-441.281 χ^2/NDF : 2.3/1

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

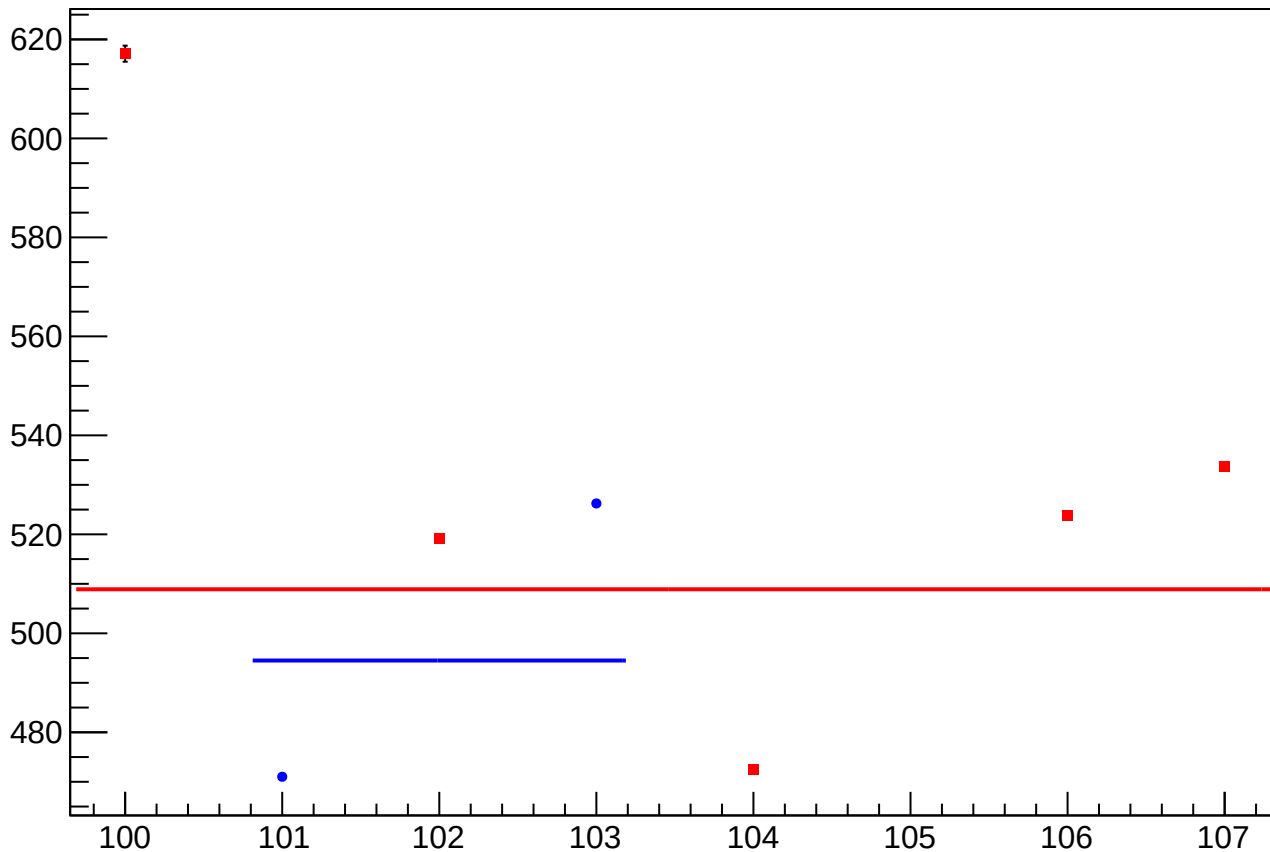
Right: -55.692+/-288.242 χ^2/NDF : 8.2/6

In: -538.285+/-441.281 χ^2/NDF : 2.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.692+/-288.242 χ^2/NDF : 8.2/6

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 494.505+/-0.312 χ^2/NDF : 7656.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 508.901+/-0.269 χ^2/NDF : 12584.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

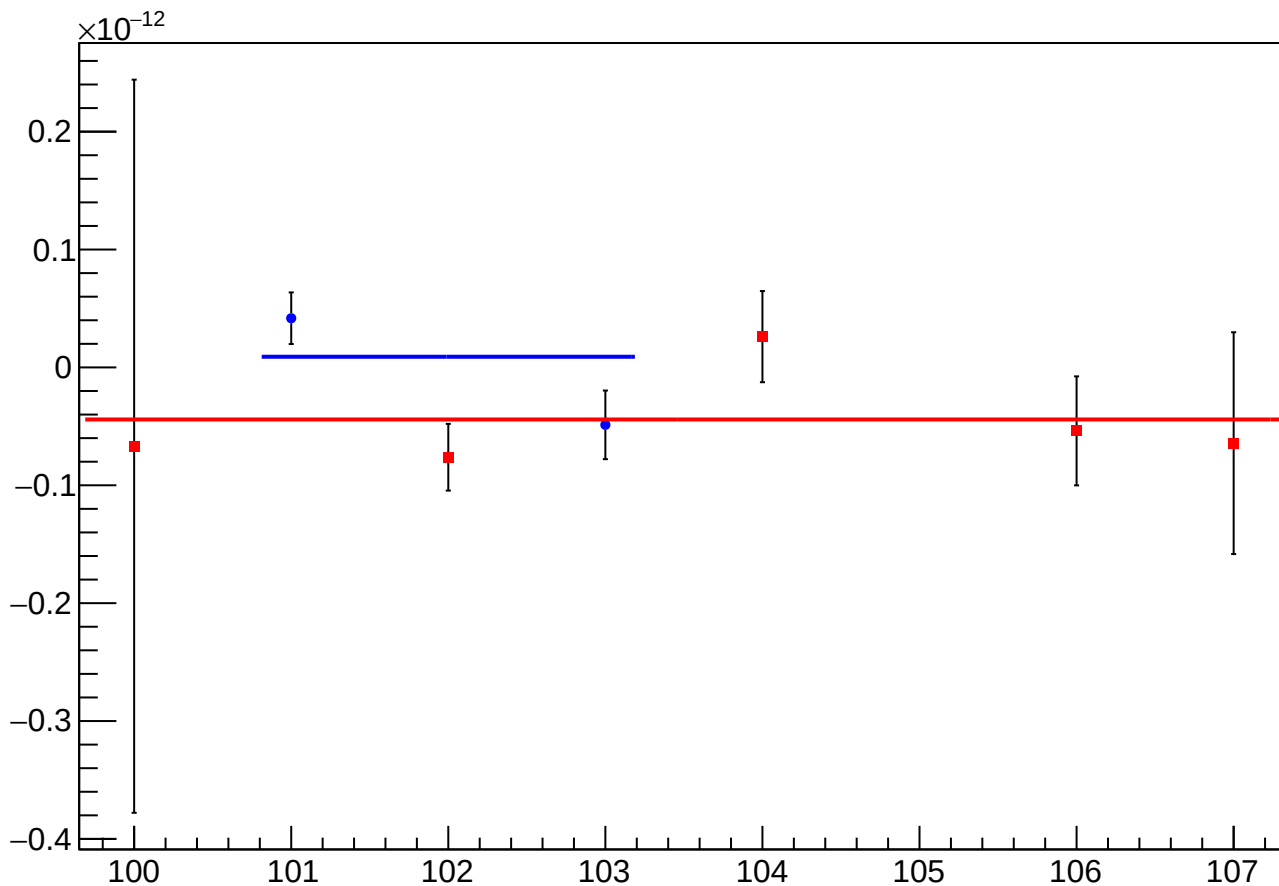
Right: 502.759+/-0.204 χ^2/NDF : 21461.1/6

In: 494.505+/-0.312 χ^2/NDF : 7656.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 502.759+/-0.204 χ^2/NDF : 21461.1/6

asym_sam_1357_2468_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.2/1

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

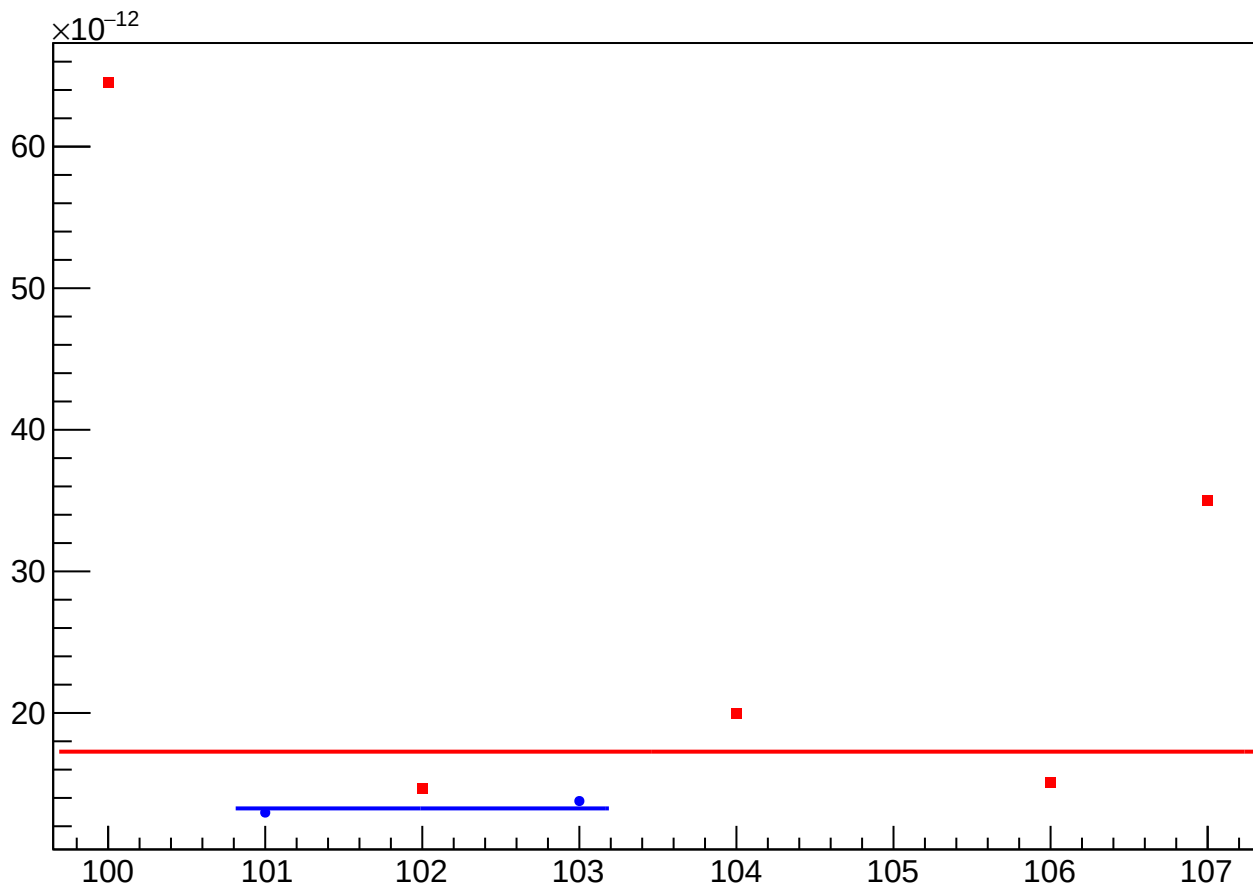
Right: -0.000+/-0.000 χ^2/NDF : 14.9/6

In: 0.000+/-0.000 χ^2/NDF : 6.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.9/6

asym_sam_1357_2468_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1001.5/1

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

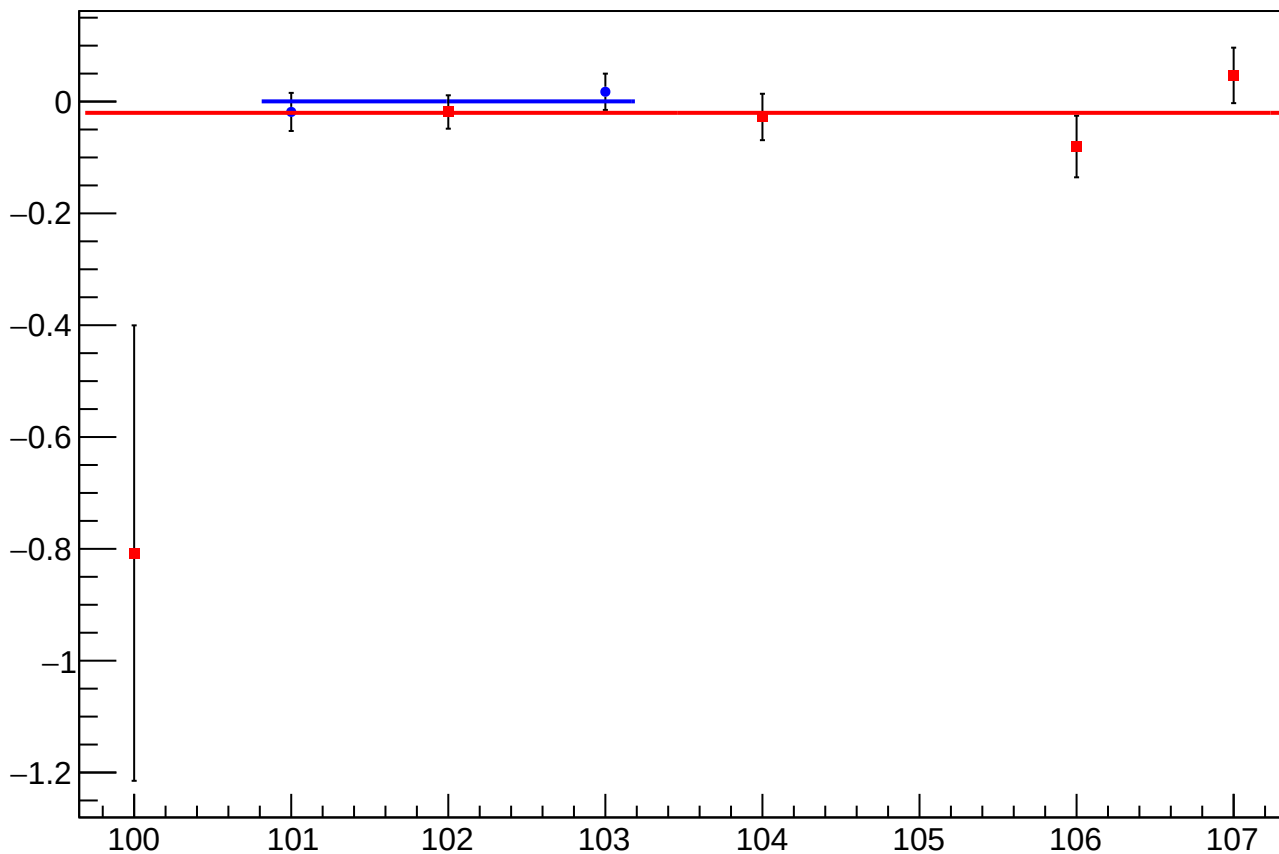
Right: 0.000+/-0.000 χ^2/NDF : 194788.5/6

In: 0.000+/-0.000 χ^2/NDF : 1001.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 194788.5/6

asym_sam_1357_2468_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.023 χ^2 /NDF: 0.6/1

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

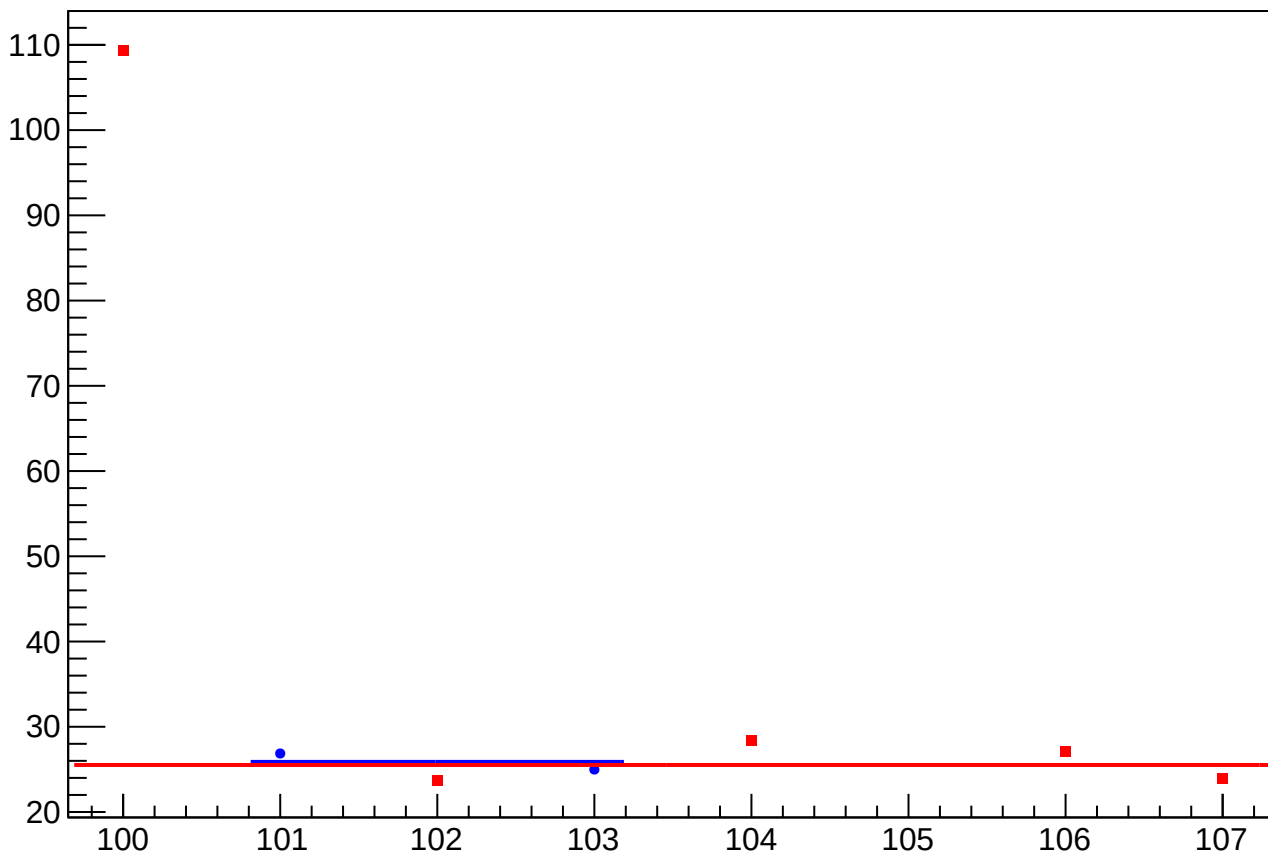
Right: -0.011 $\pm$ 0.015 χ^2 /NDF: 7.8/6

In: 0.000 $\pm$ 0.023 χ^2 /NDF: 0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.011 $\pm$ 0.015 χ^2 /NDF: 7.8/6

asym_sam_1357_2468_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.878 ± 0.017 $\chi^2/\text{NDF}: 3202.7/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 25.517 ± 0.014 $\chi^2/\text{NDF}: 105386.9/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

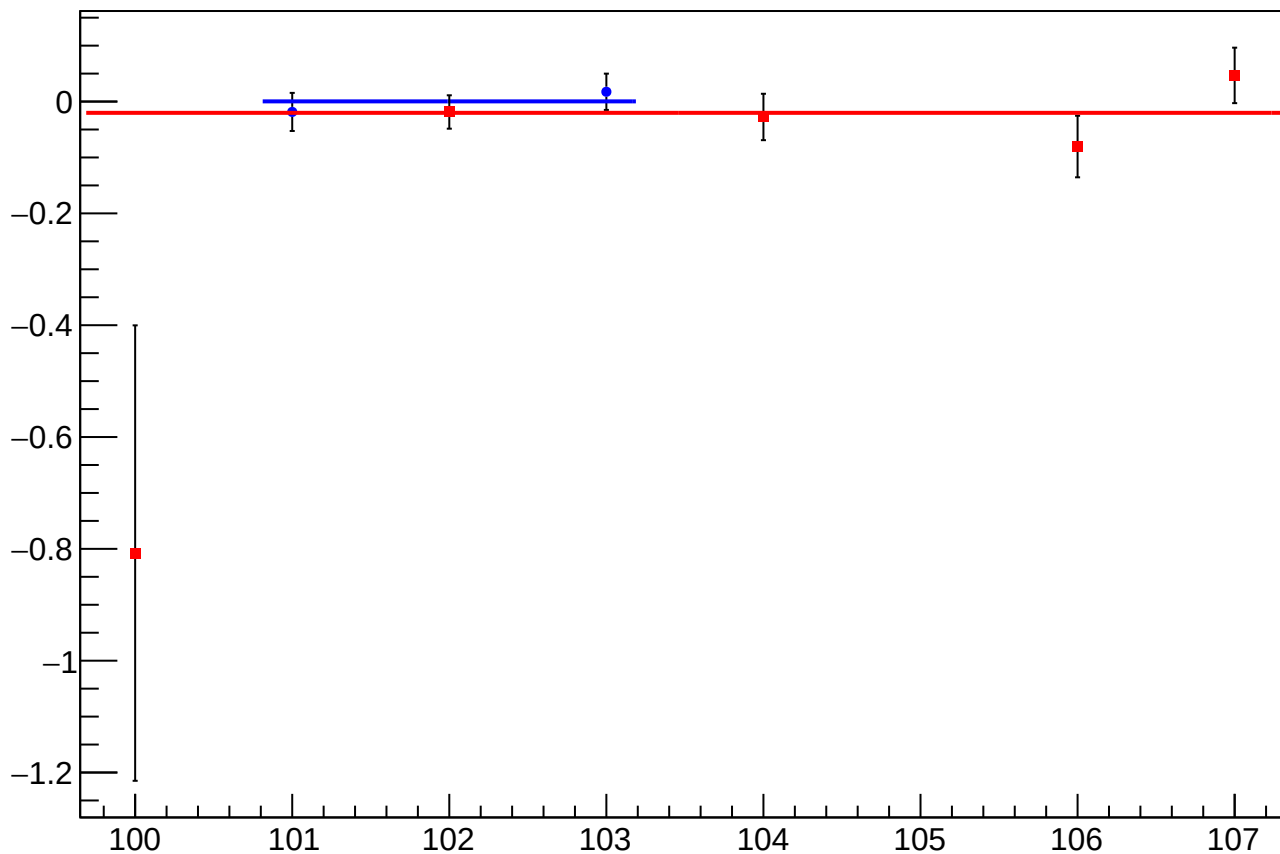
Right: 25.670 ± 0.011 $\chi^2/\text{NDF}: 108861.0/6$

In: 25.878 ± 0.017 $\chi^2/\text{NDF}: 3202.7/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 25.670 ± 0.011 $\chi^2/\text{NDF}: 108861.0/6$

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.023 χ^2 /NDF: 0.6/1

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

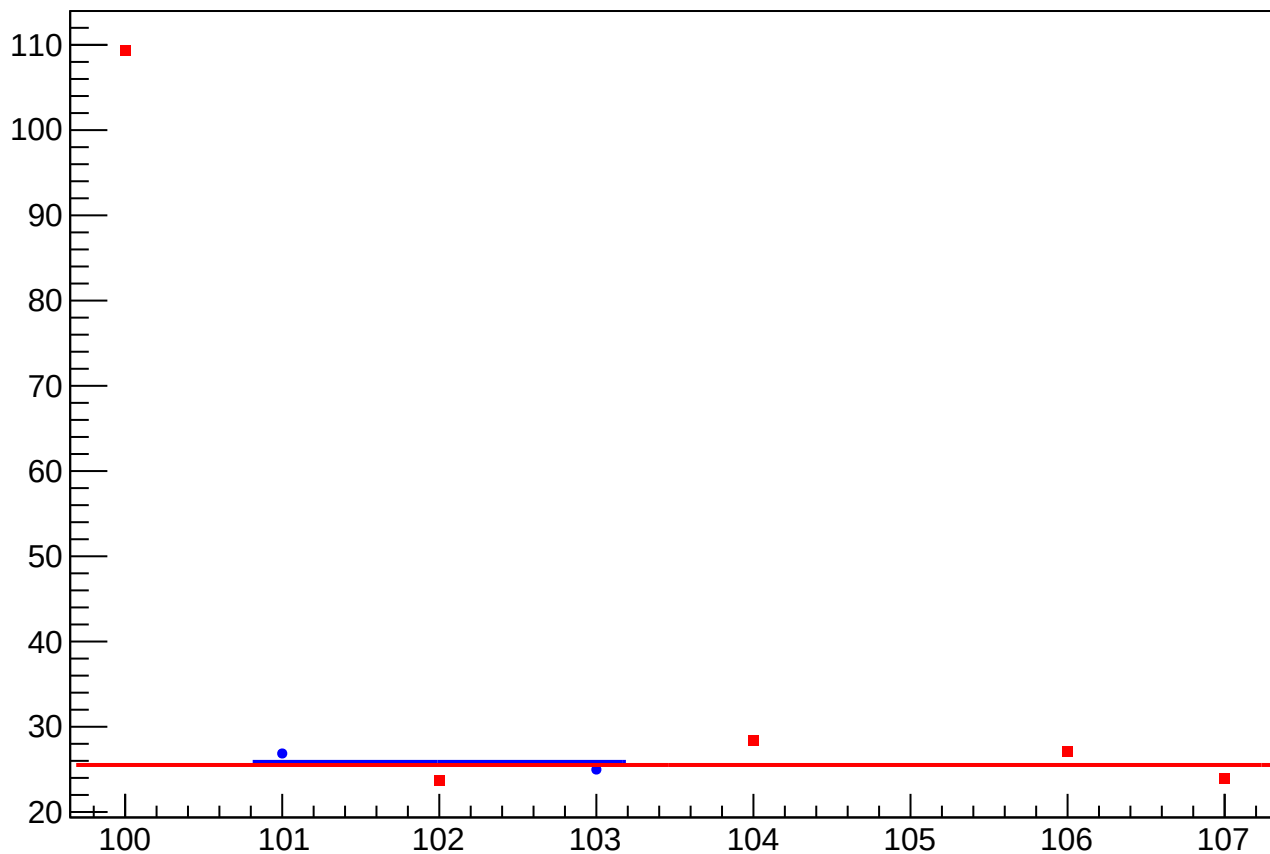
Right: -0.011 $\pm$ 0.015 χ^2 /NDF: 7.8/6

In: 0.000 $\pm$ 0.023 χ^2 /NDF: 0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.011 $\pm$ 0.015 χ^2 /NDF: 7.8/6

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.878 $\pm$ 0.017 χ^2 /NDF: 3202.7/1

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

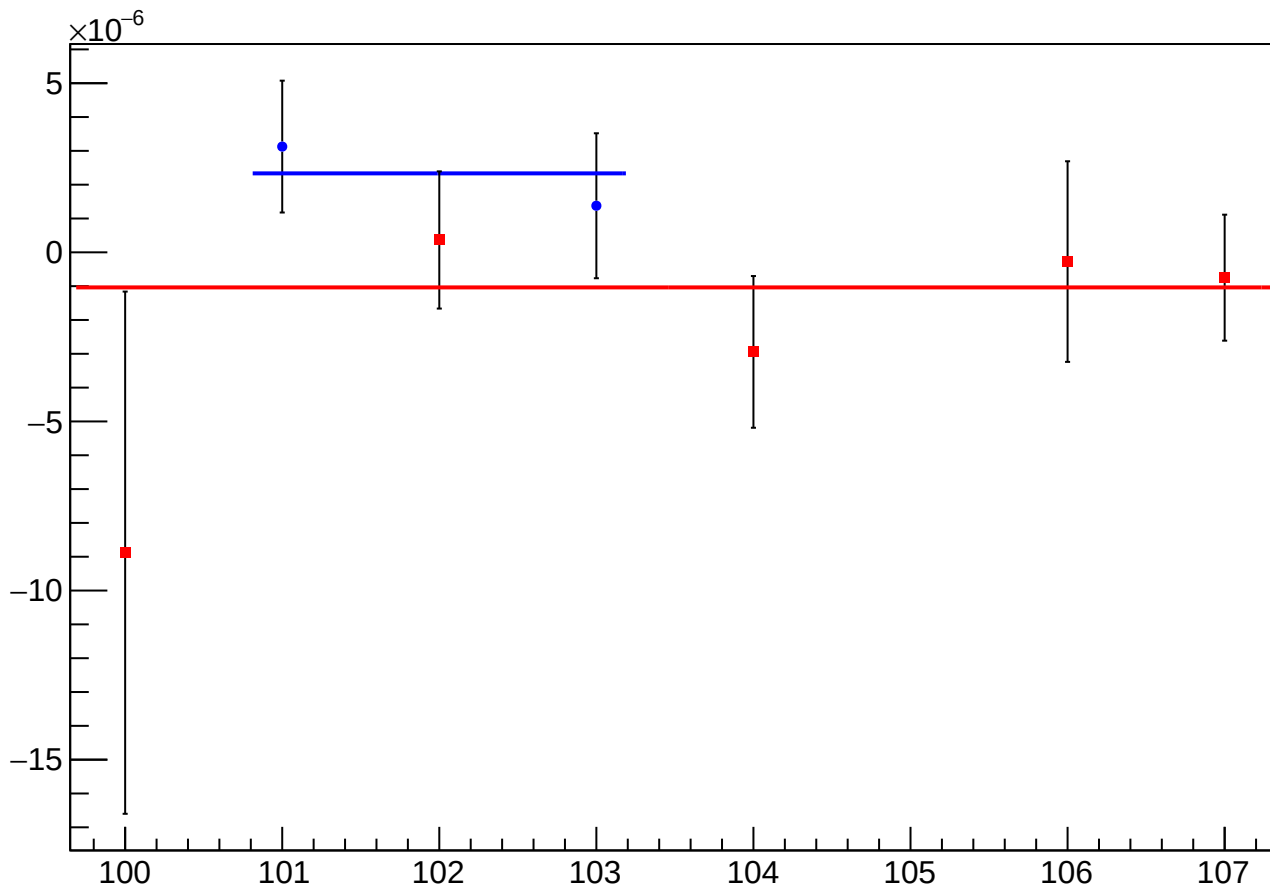
Right: 25.670 $\pm$ 0.011 χ^2 /NDF: 108861.0/6

In: 25.878 $\pm$ 0.017 χ^2 /NDF:3202.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 25.670 $\pm$ 0.011 χ^2 /NDF: 108861.0/6

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.4/1

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

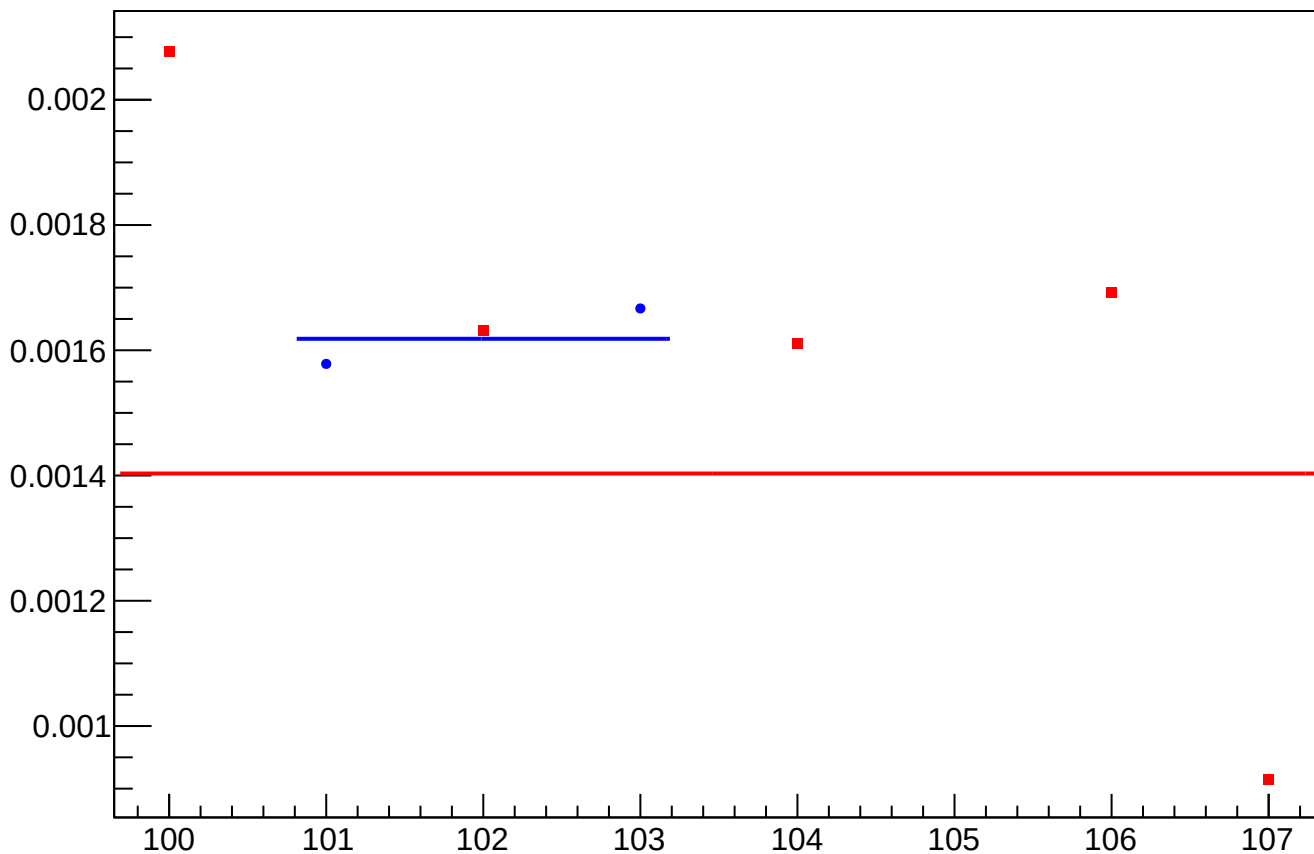
Right: 0.000+/-0.000 χ^2/NDF : 6.2/6

In: 0.000+/-0.000 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.2/6

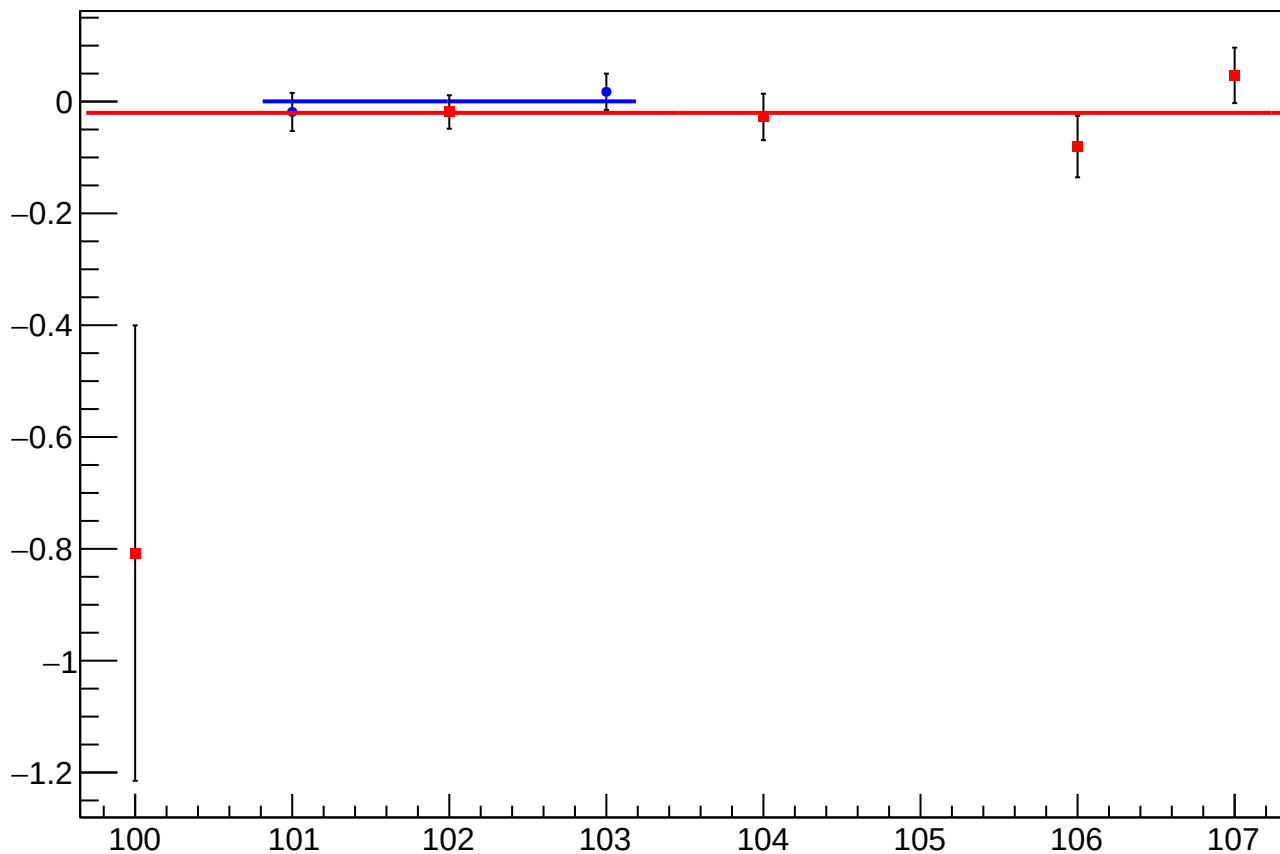
asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1868.5/1
 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 : 245294.2/6
 In: 0.002+/-0.000 χ^2/NDF : 1868.5/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.001+/-0.000 χ^2/NDF : 245294.2/6

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.023 χ^2/NDF : 0.6/1

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

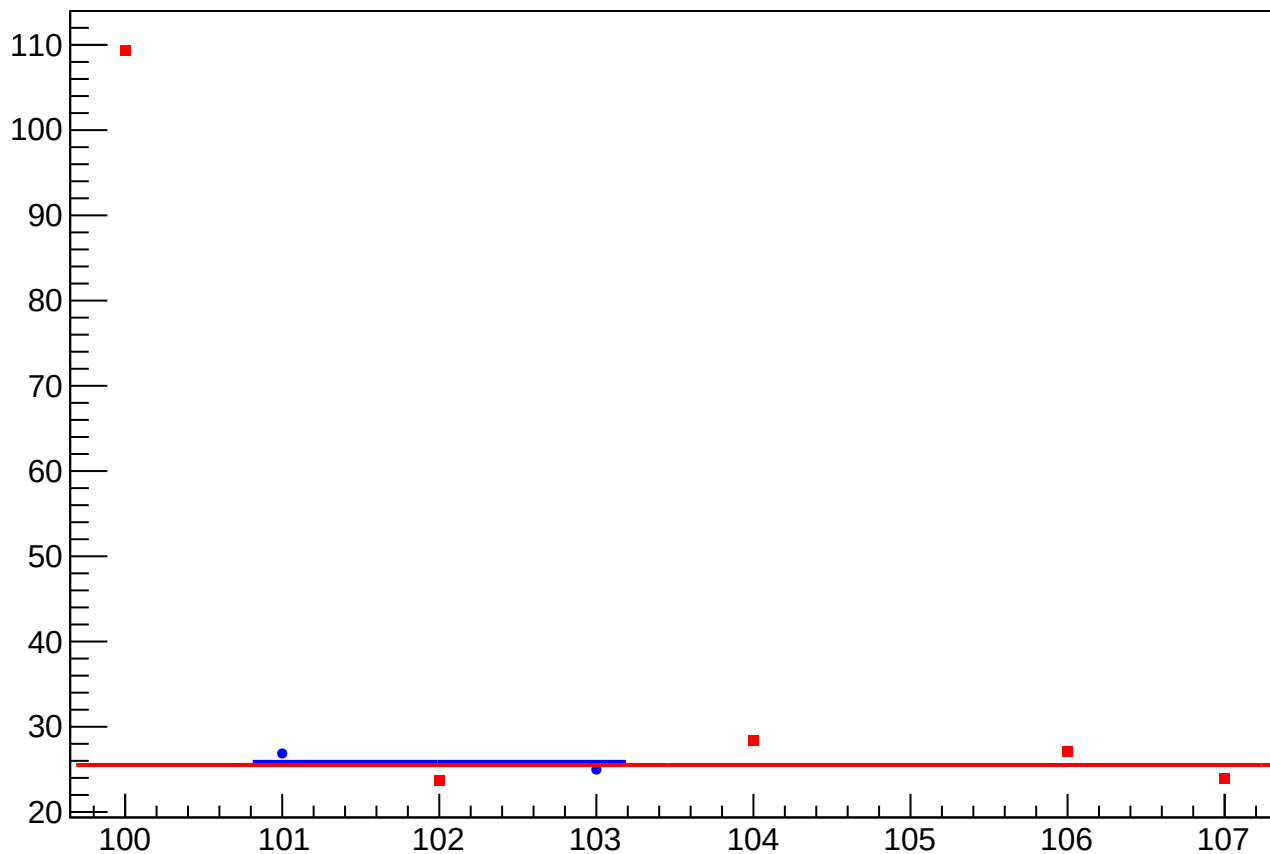
Right: -0.011+/-0.015 χ^2/NDF : 7.8/6

In: 0.000+/-0.023 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.015 χ^2/NDF : 7.8/6

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.878 $\pm$ 0.017 χ^2 /NDF: 3207.1/1

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

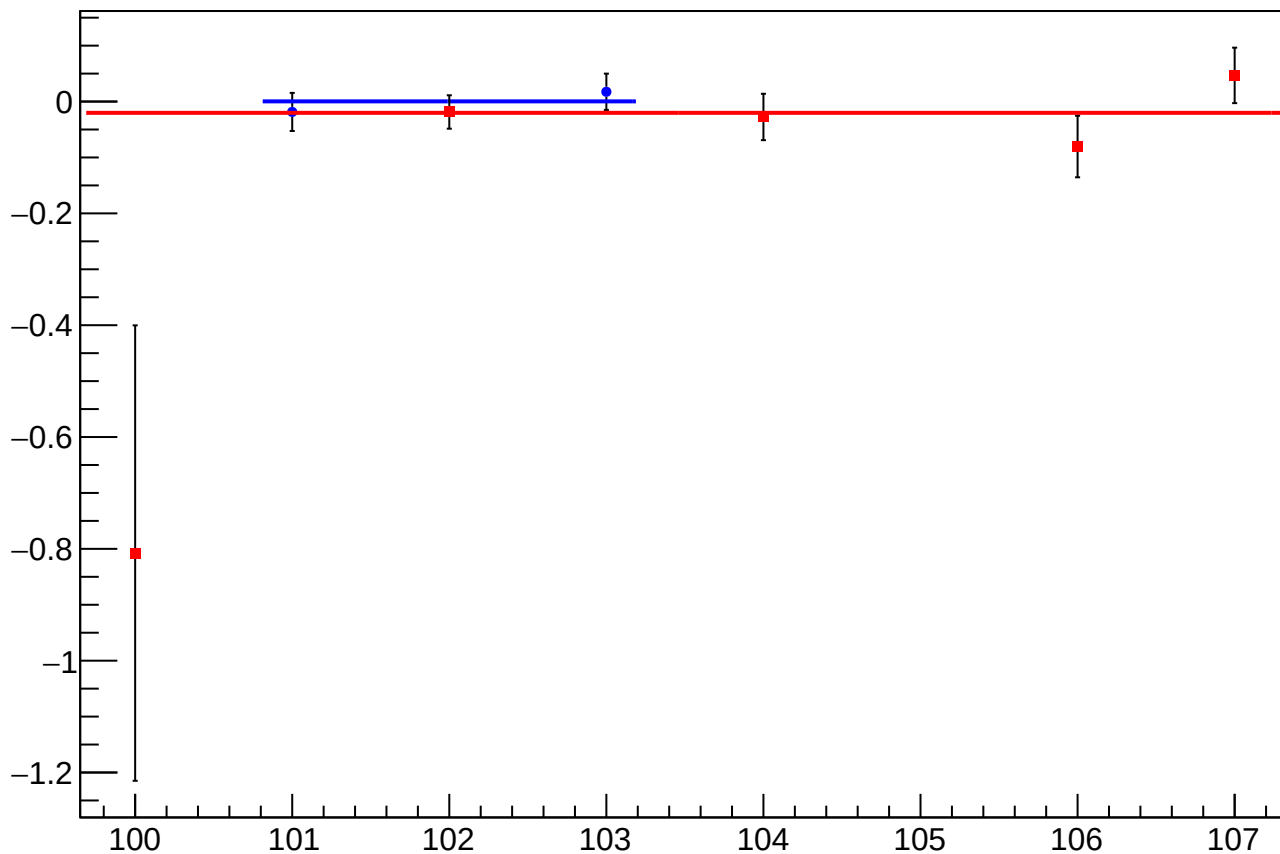
Right: 25.670 $\pm$ 0.011 χ^2 /NDF: 108865.0/6

In: 25.878 $\pm$ 0.017 χ^2 /NDF:3207.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 25.670 $\pm$ 0.011 χ^2 /NDF: 108865.0/6

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.023 χ^2/NDF : 0.6/1

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

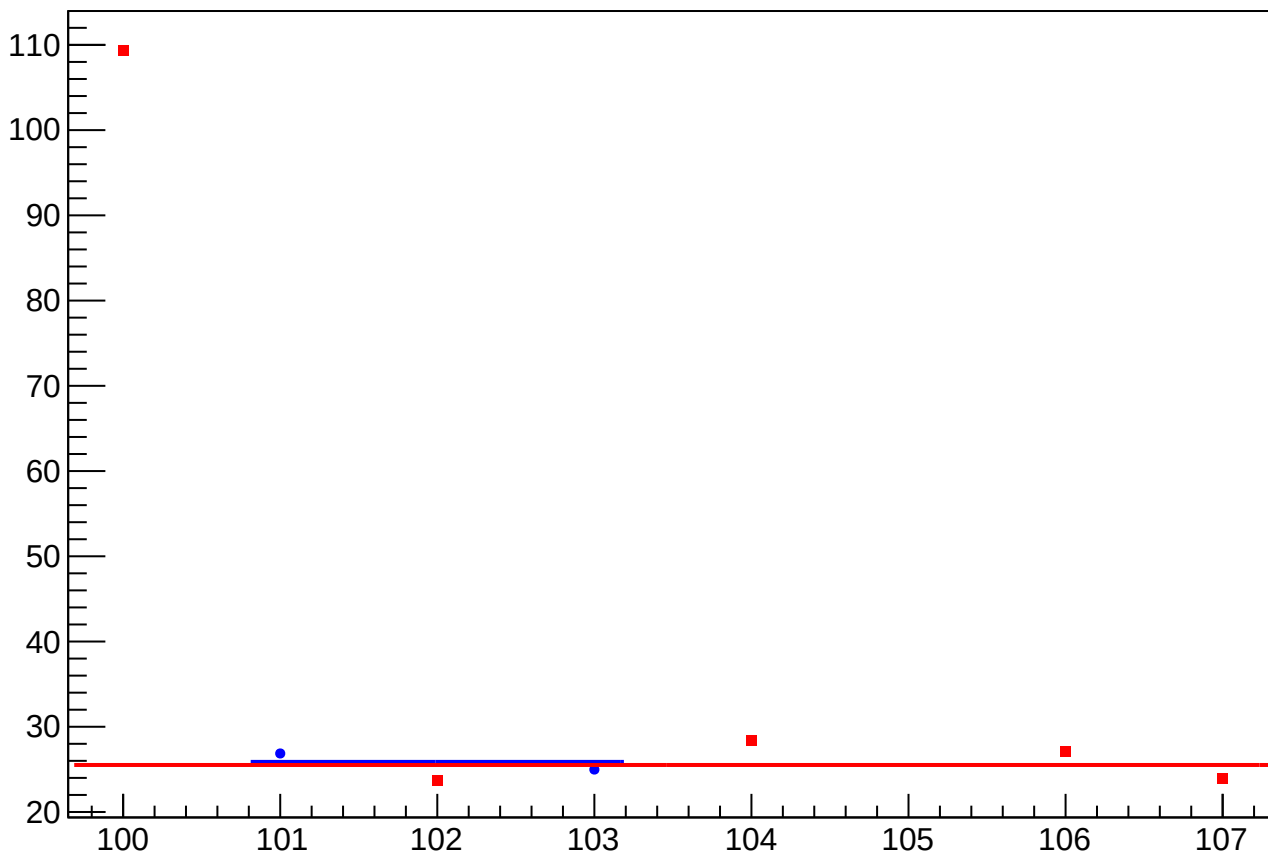
Right: -0.011+/-0.015 χ^2/NDF : 7.8/6

In: 0.000+/-0.023 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.015 χ^2/NDF : 7.8/6

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.878 $\pm$ 0.017 χ^2 /NDF: 3207.1/1

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

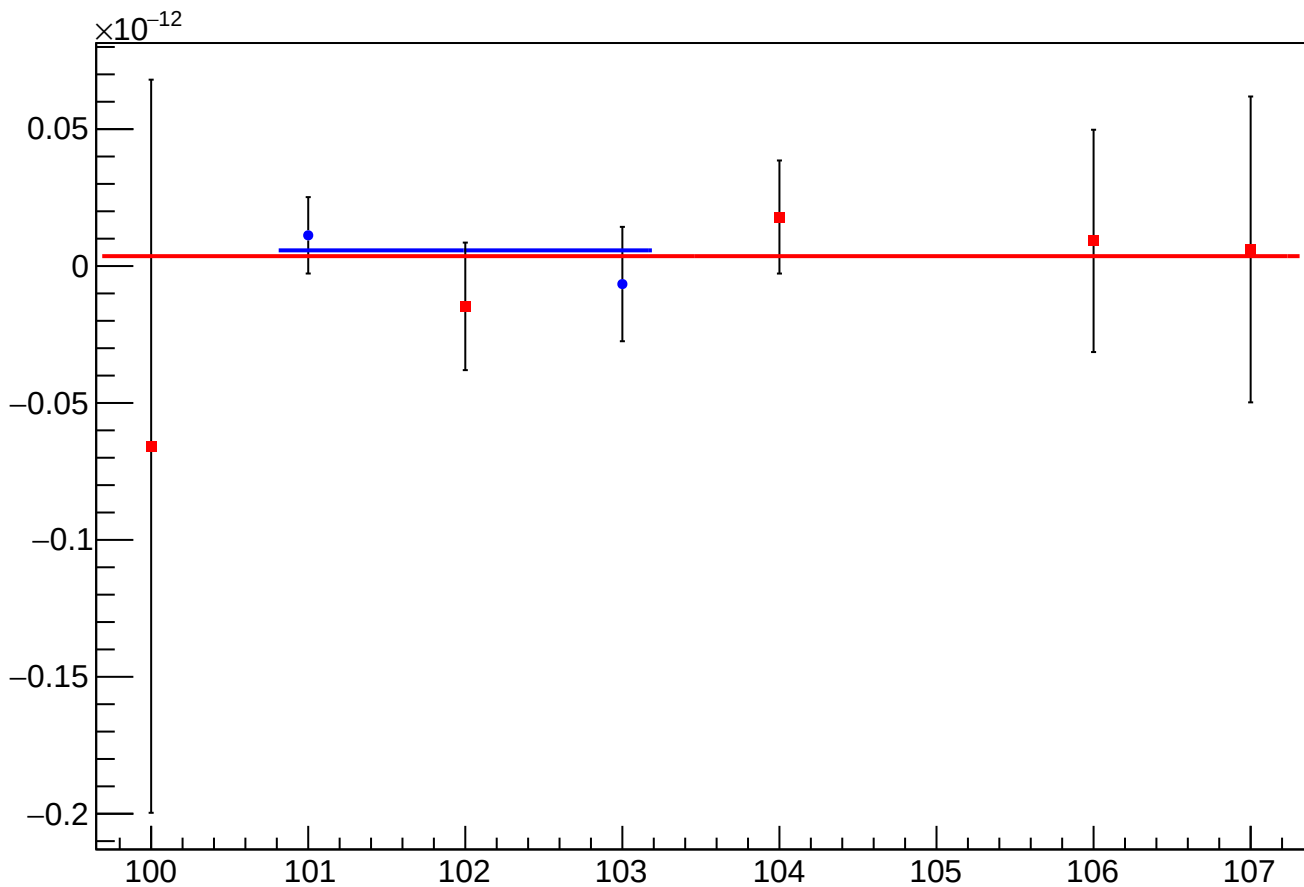
Right: 25.670 $\pm$ 0.011 χ^2 /NDF: 108865.0/6

In: 25.878 $\pm$ 0.017 χ^2 /NDF:3207.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 25.670 $\pm$ 0.011 χ^2 /NDF: 108865.0/6

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: 0.5/1

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

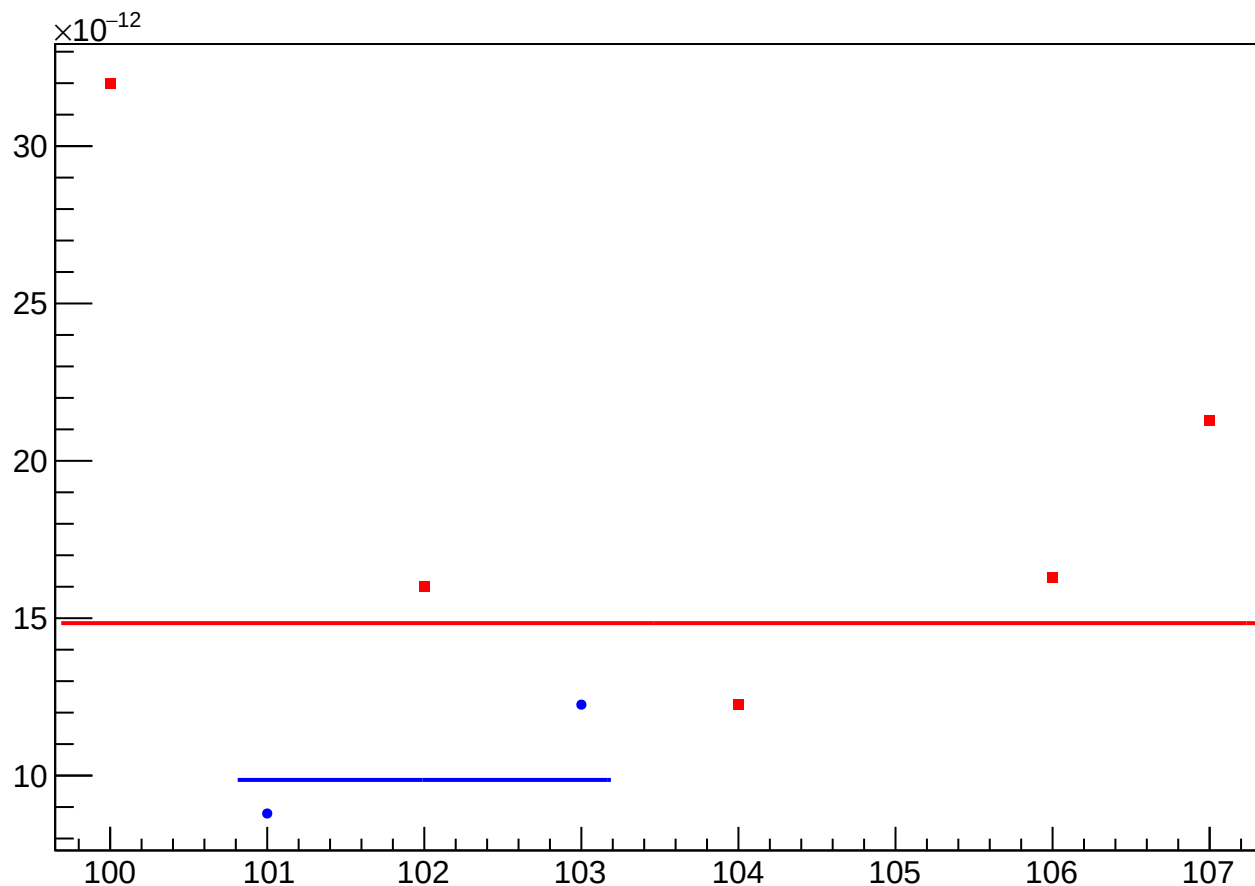
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.9/6

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.9/6

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 37928.8/1

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

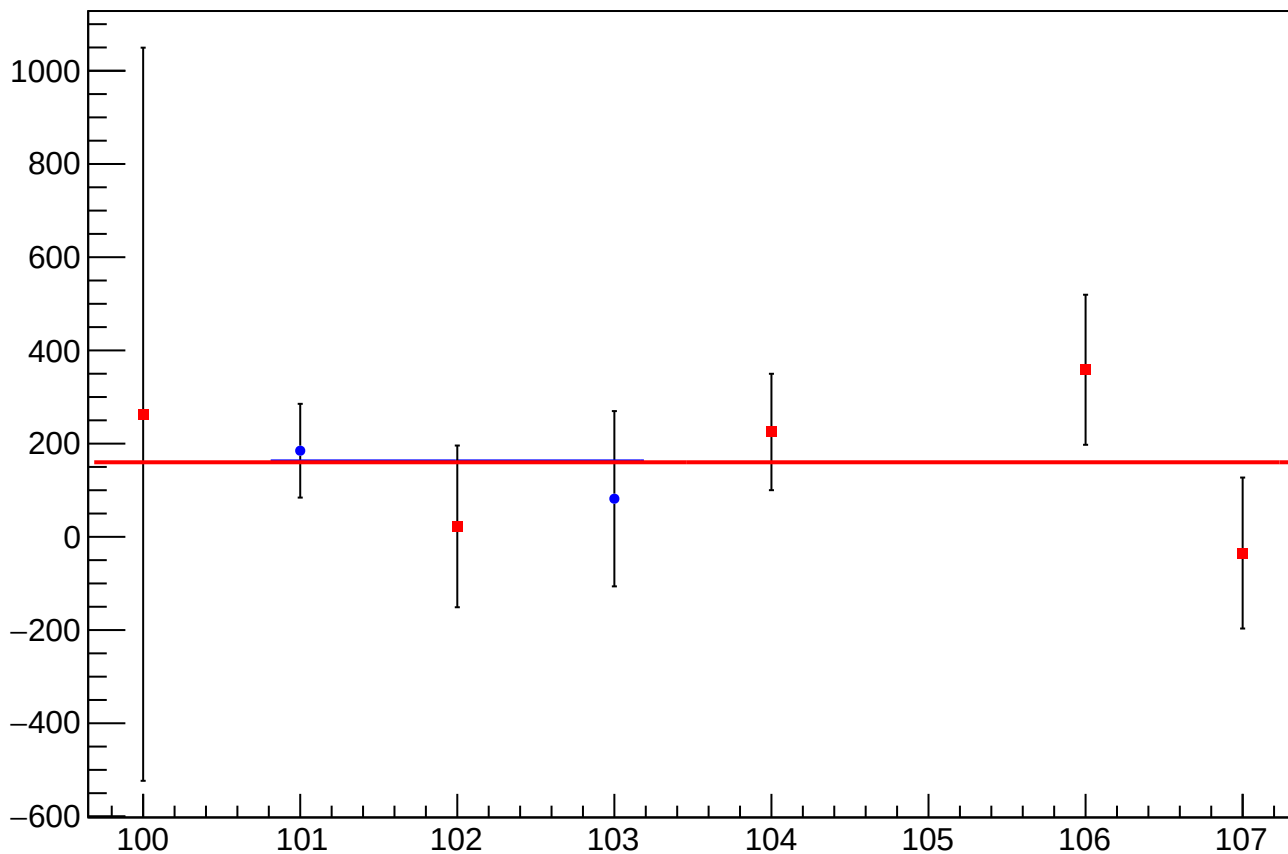
Right: 0.000+/-0.000 χ^2/NDF : 287611.9/6

In: 0.000+/-0.000 χ^2/NDF : 37928.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 287611.9/6

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 161.880 $\pm$ 88.688 χ^2 /NDF: 0.2/1

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

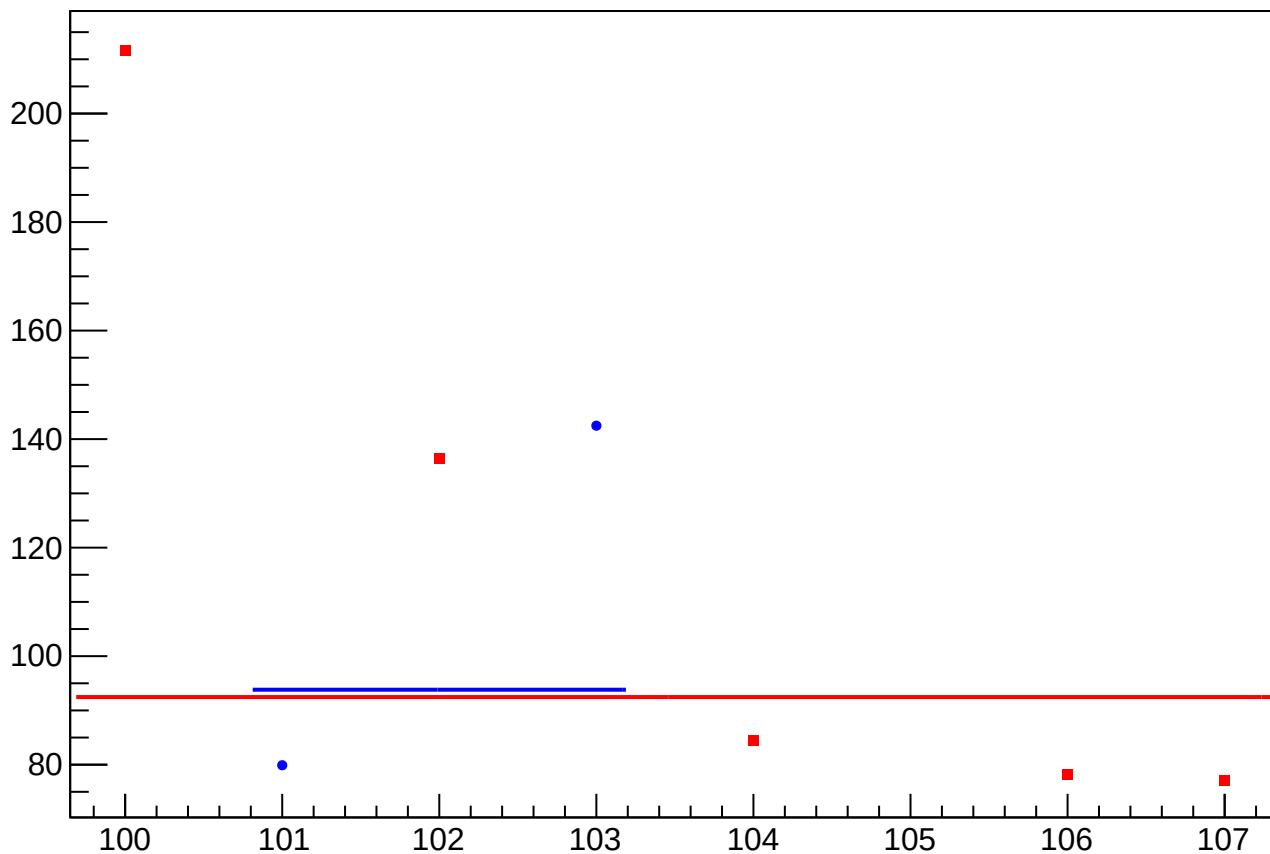
Right: 160.789 $\pm$ 57.466 χ^2 /NDF: 4.1/6

In: 161.880 $\pm$ 88.688 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 160.789 $\pm$ 57.466 χ^2 /NDF: 4.1/6

reg_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 93.818+/-0.063 χ^2/NDF : 172200.4/1

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

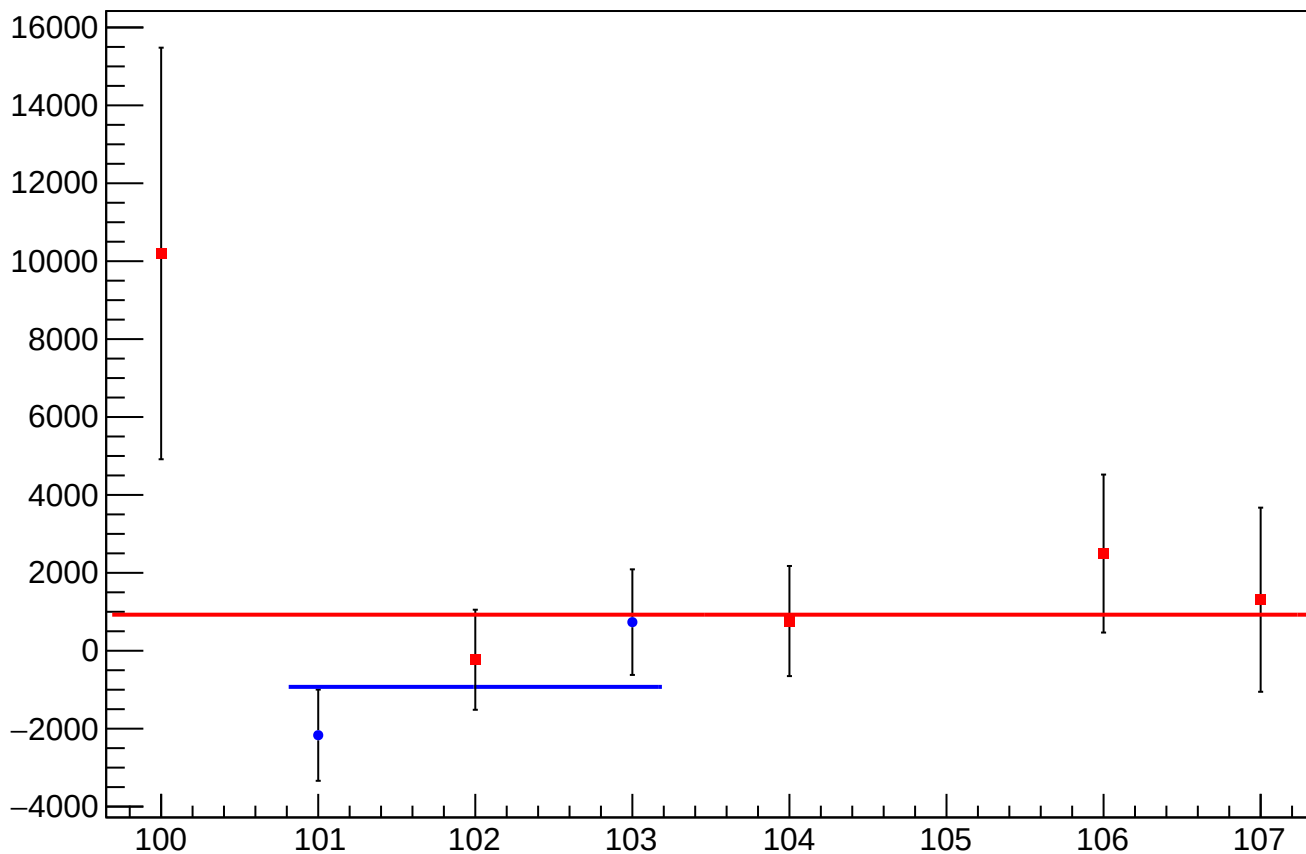
Right: 93.033+/-0.041 χ^2/NDF : 388736.2/6

In: 93.818+/-0.063 χ^2/NDF : 172200.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.033+/-0.041 χ^2/NDF : 388736.2/6

asym_sam_12345678_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -927.194+/-885.926 χ^2/NDF : 2.6/1

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

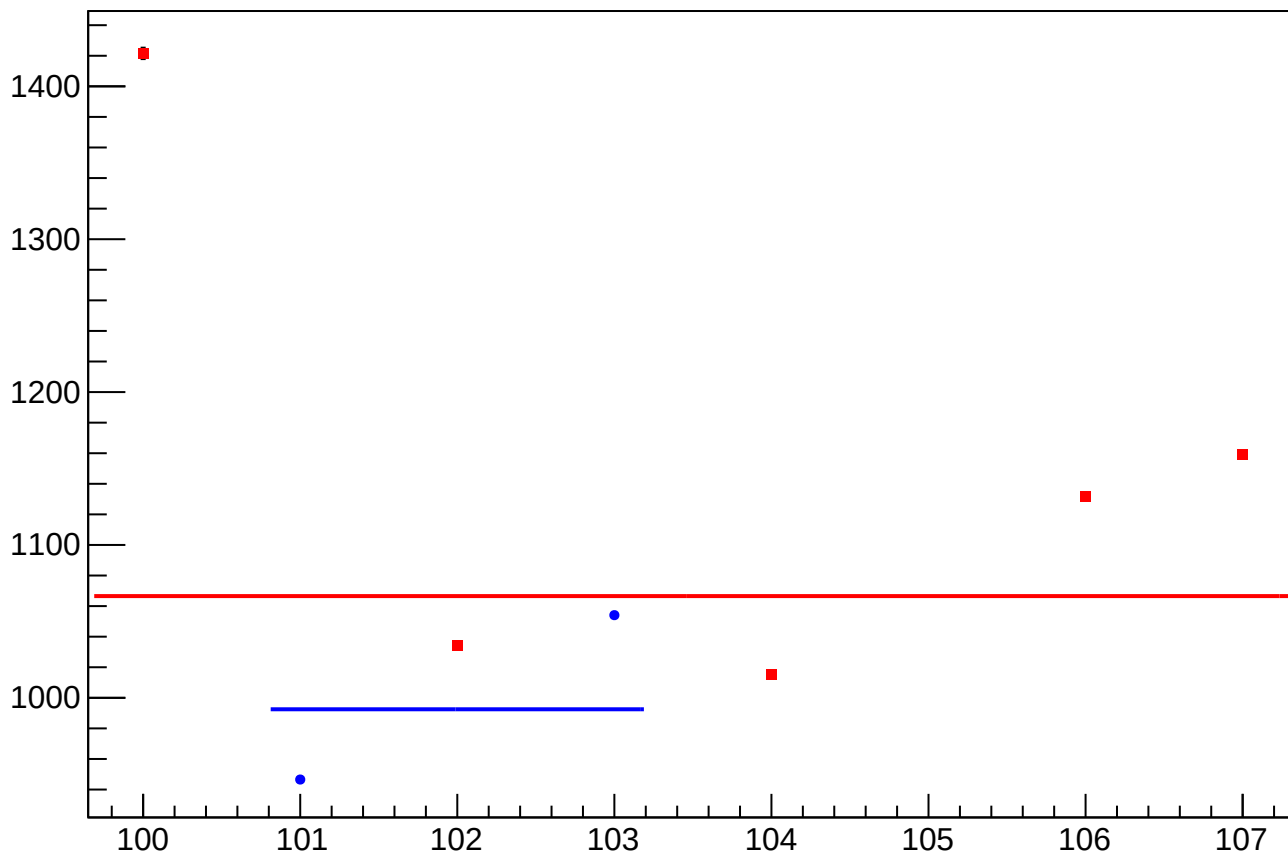
Right: 94.188+/-593.495 χ^2/NDF : 9.6/6

In: -927.194+/-885.926 χ^2/NDF : 2.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.188+/-593.495 χ^2/NDF : 9.6/6

asym_sam_12345678_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 992.505+/-0.626 χ^2/NDF : 7210.6/1

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

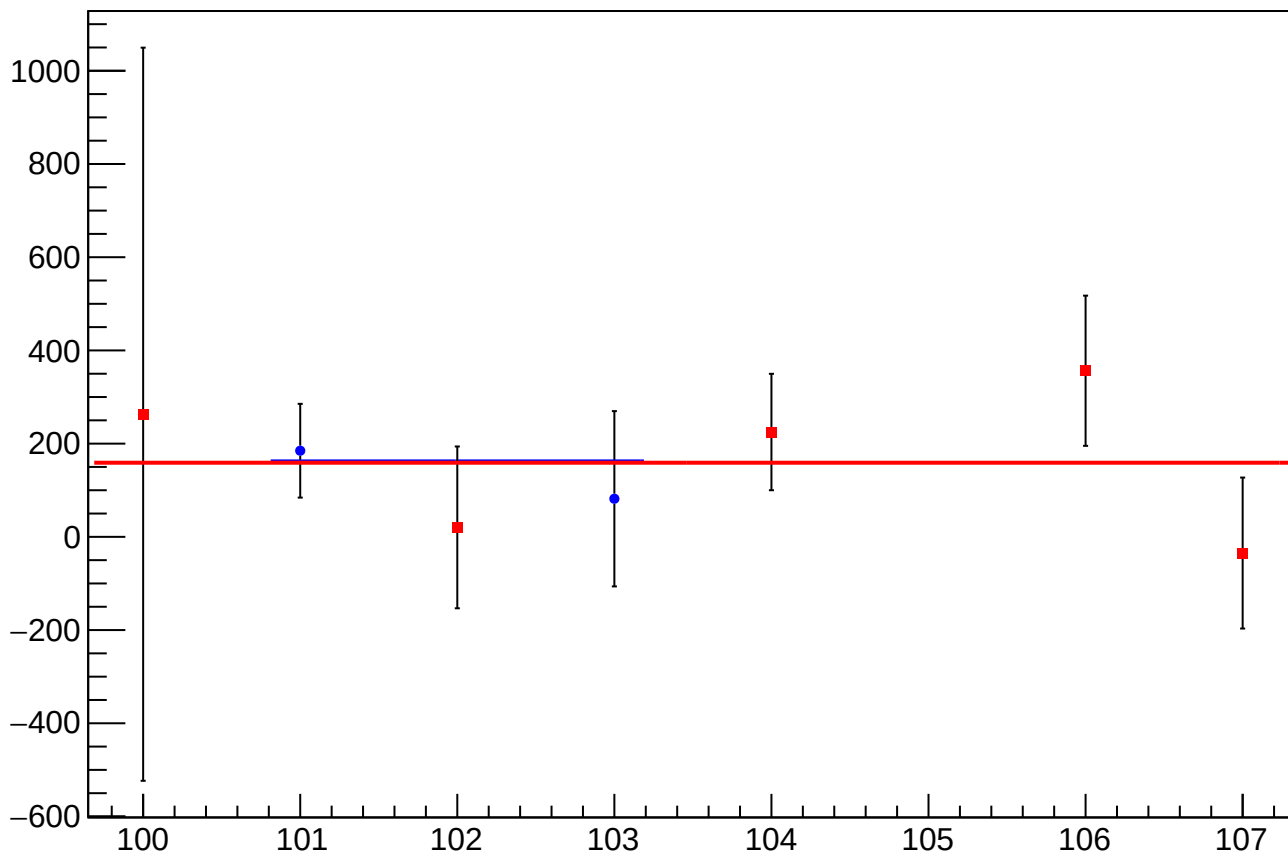
Right: 1033.318+/-0.420 χ^2/NDF : 32992.1/6

In: 992.505+/-0.626 χ^2/NDF : 7210.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1033.318+/-0.420 χ^2/NDF : 32992.1/6

cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 161.862 $\pm$ 88.688 χ^2 /NDF: 0.2/1

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

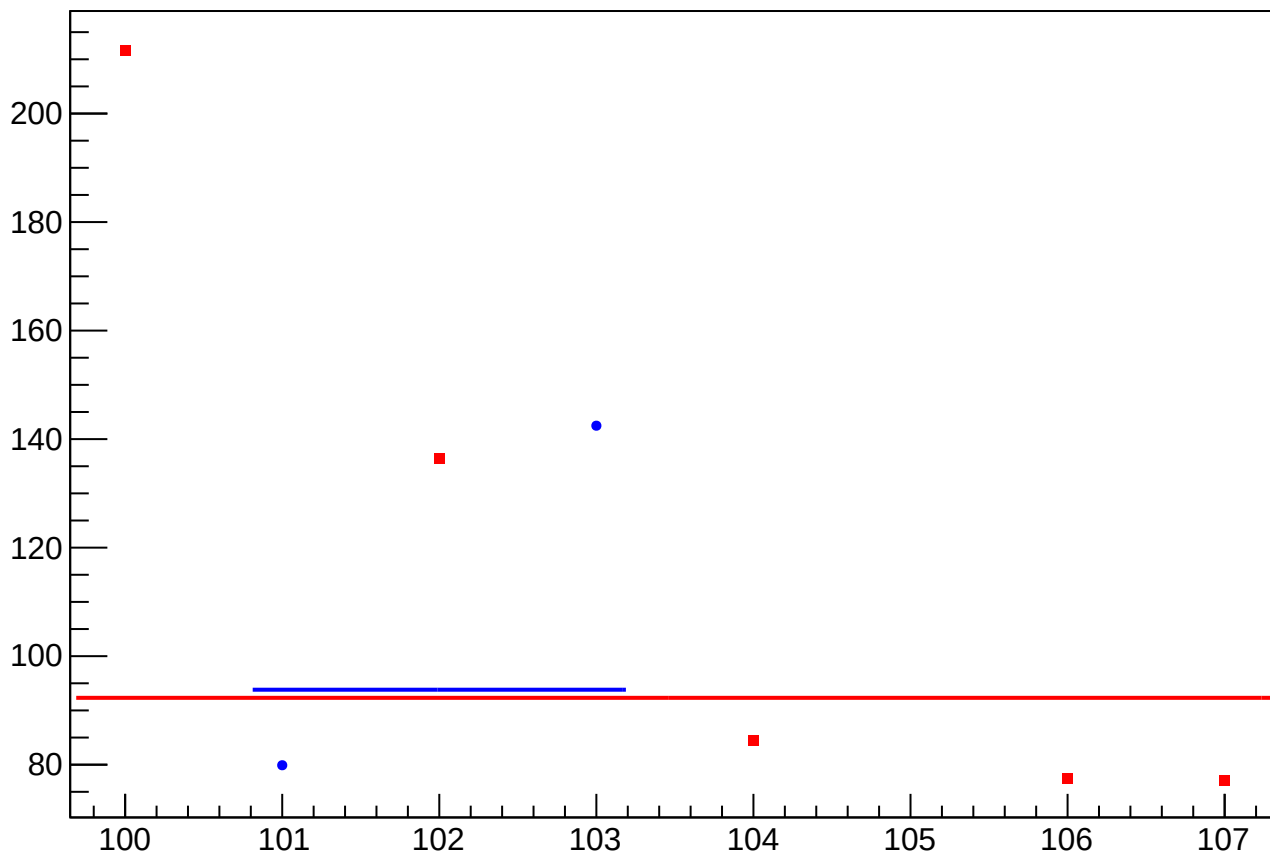
Right: 160.233 $\pm$ 57.477 χ^2 /NDF: 4.1/6

In: 161.862 $\pm$ 88.688 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 160.233 $\pm$ 57.477 χ^2 /NDF: 4.1/6

cor_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 93.818+/-0.063 χ^2/NDF : 172203.3/1

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

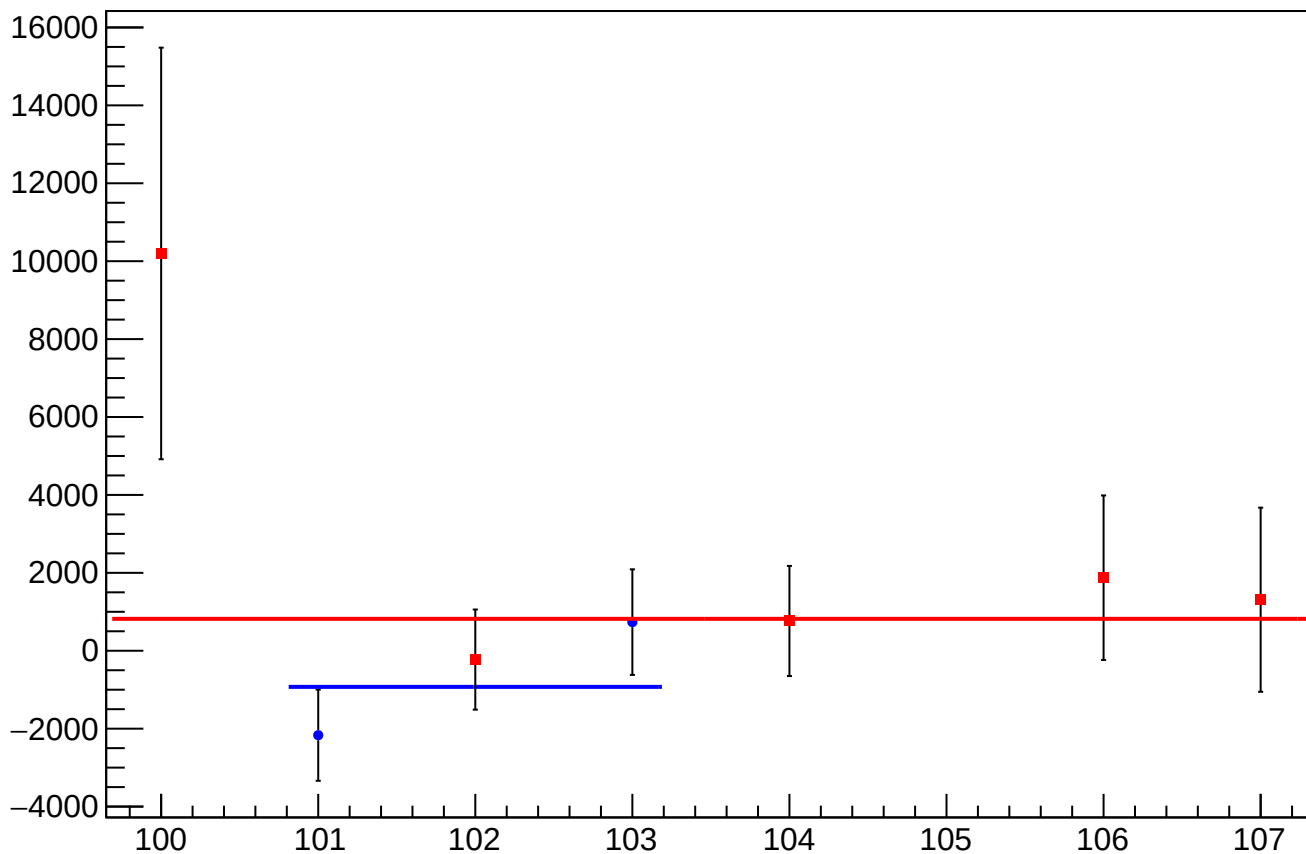
Right: 92.950+/-0.041 χ^2/NDF : 390584.4/6

In: 93.818+/-0.063 χ^2/NDF : 172203.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.950+/-0.041 χ^2/NDF : 390584.4/6

asym_sam_12345678_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -927.071+/-885.957 χ^2/NDF : 2.6/1

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

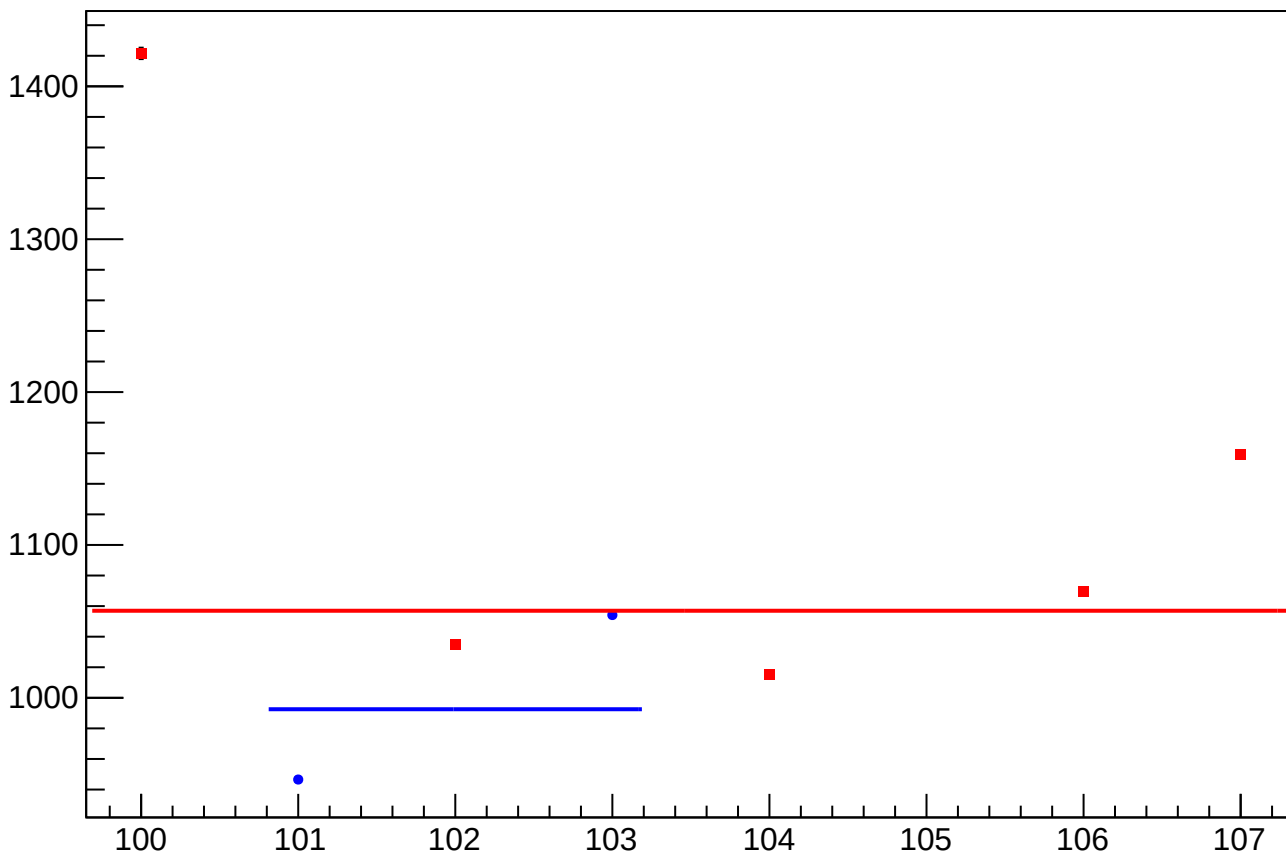
Right: 30.092+/-595.581 χ^2/NDF : 8.9/6

In: -927.071+/-885.957 χ^2/NDF : 2.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.092+/-595.581 χ^2/NDF : 8.9/6

asym_sam_12345678_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 992.536+/-0.626 χ^2/NDF : 7220.6/1

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

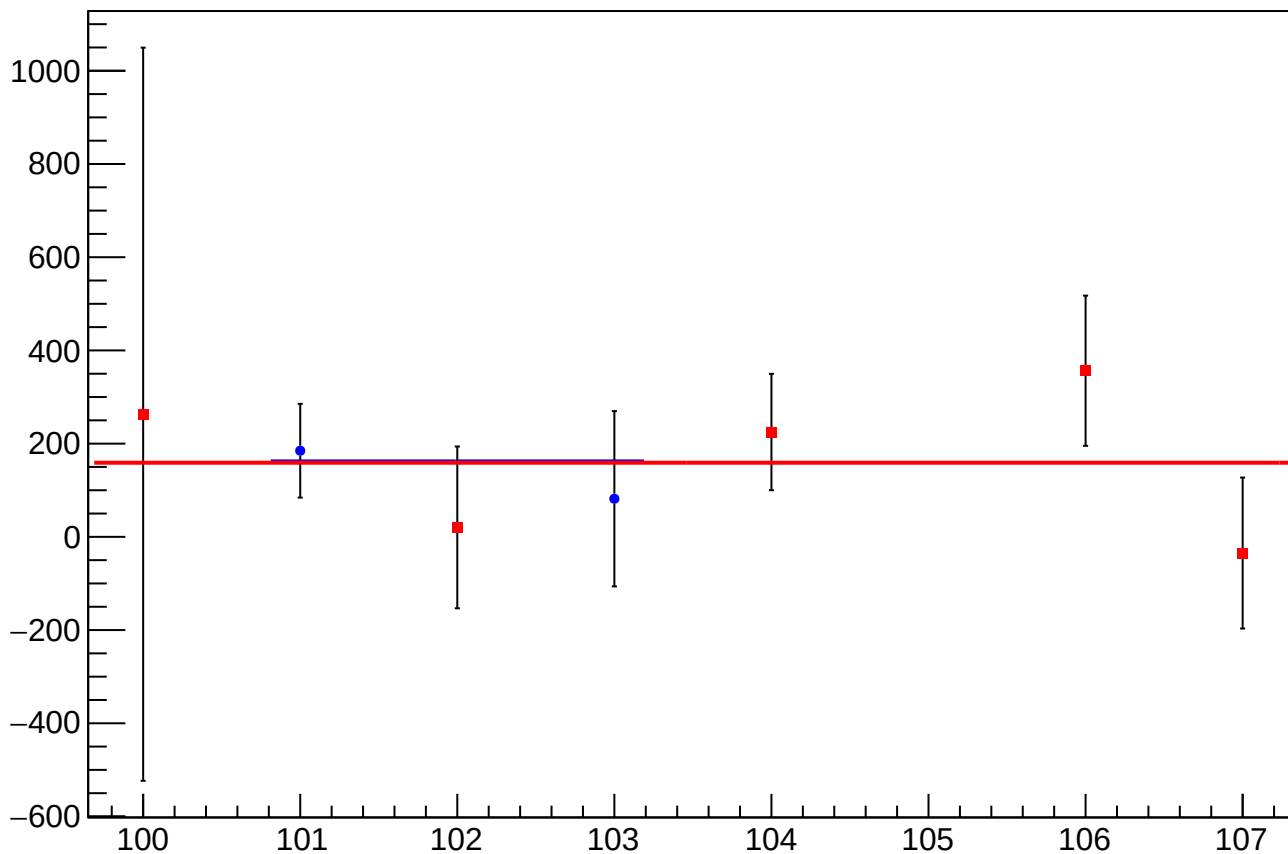
Right: 1027.846+/-0.421 χ^2/NDF : 28672.3/6

In: 992.536+/-0.626 χ^2/NDF : 7220.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1027.846+/-0.421 χ^2/NDF : 28672.3/6

eigen_cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 161.862 $\pm$ 88.688 χ^2 /NDF: 0.2/1

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

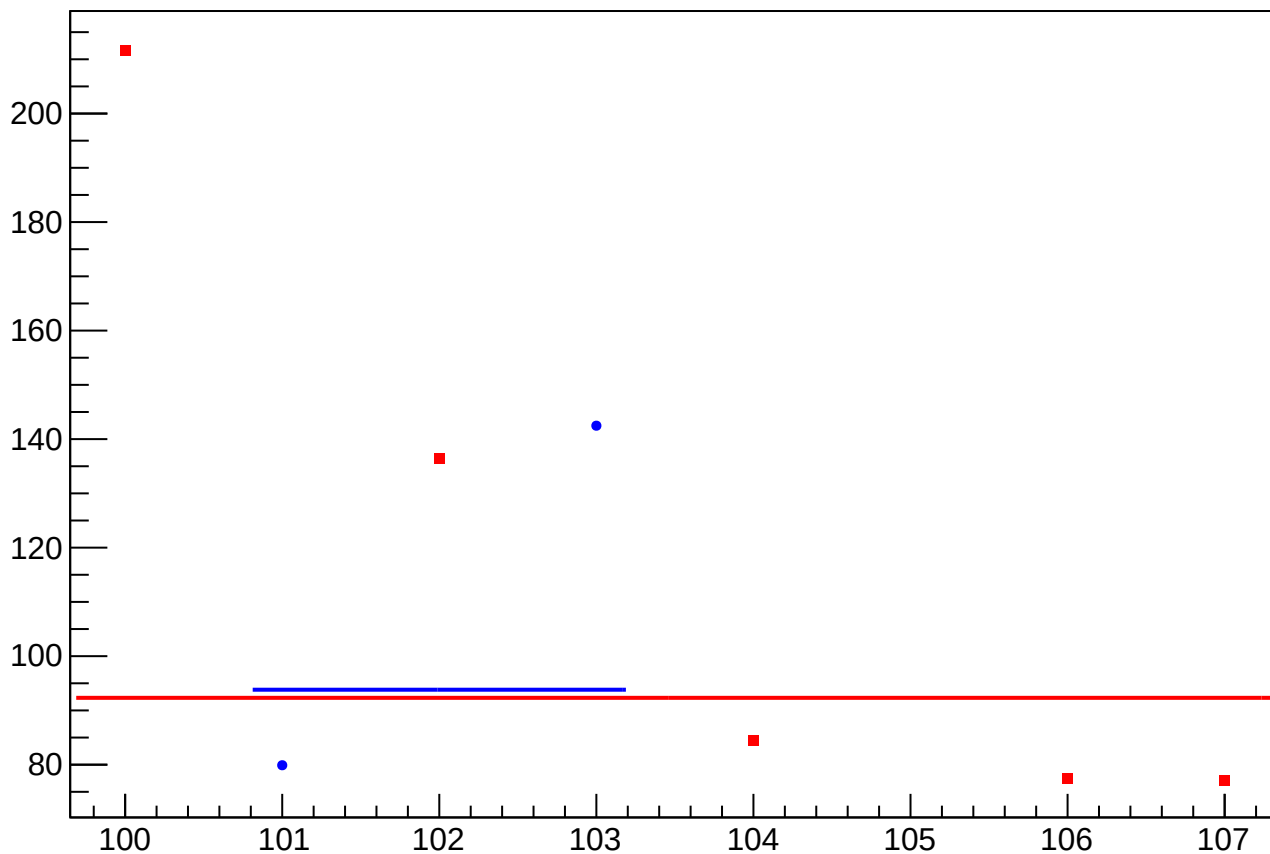
Right: 160.233 $\pm$ 57.477 χ^2 /NDF: 4.1/6

In: 161.862 $\pm$ 88.688 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 160.233 $\pm$ 57.477 χ^2 /NDF: 4.1/6

eigen_cor_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 93.818+/-0.063 χ^2/NDF : 172203.3/1

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

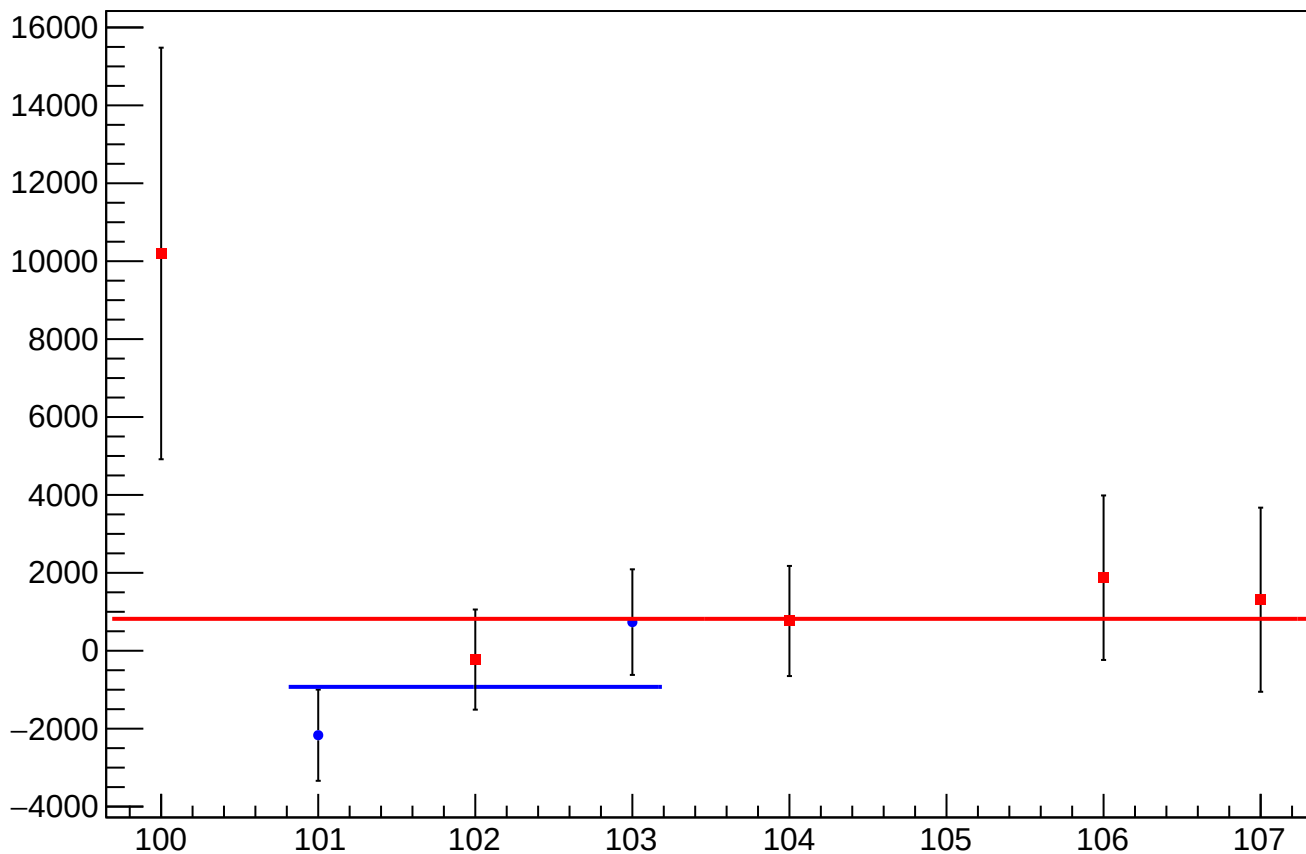
Right: 92.950+/-0.041 χ^2/NDF : 390584.4/6

In: 93.818+/-0.063 χ^2/NDF : 172203.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.950+/-0.041 χ^2/NDF : 390584.4/6

asym_sam_12345678_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -927.071+/-885.957 χ^2/NDF : 2.6/1

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

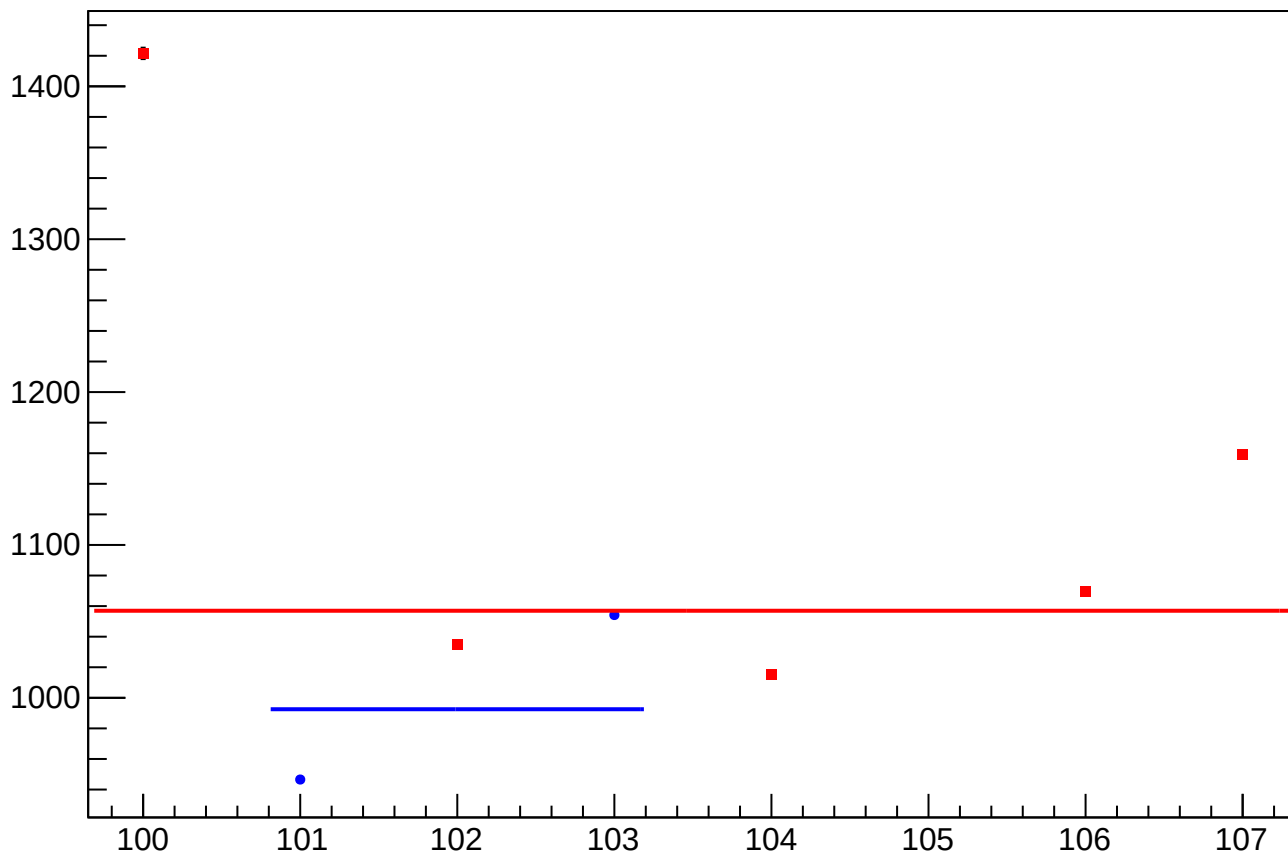
Right: 30.092+/-595.581 χ^2/NDF : 8.9/6

In: -927.071+/-885.957 χ^2/NDF : 2.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.092+/-595.581 χ^2/NDF : 8.9/6

asym_sam_12345678_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 992.536+/-0.626 χ^2/NDF : 7220.6/1

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

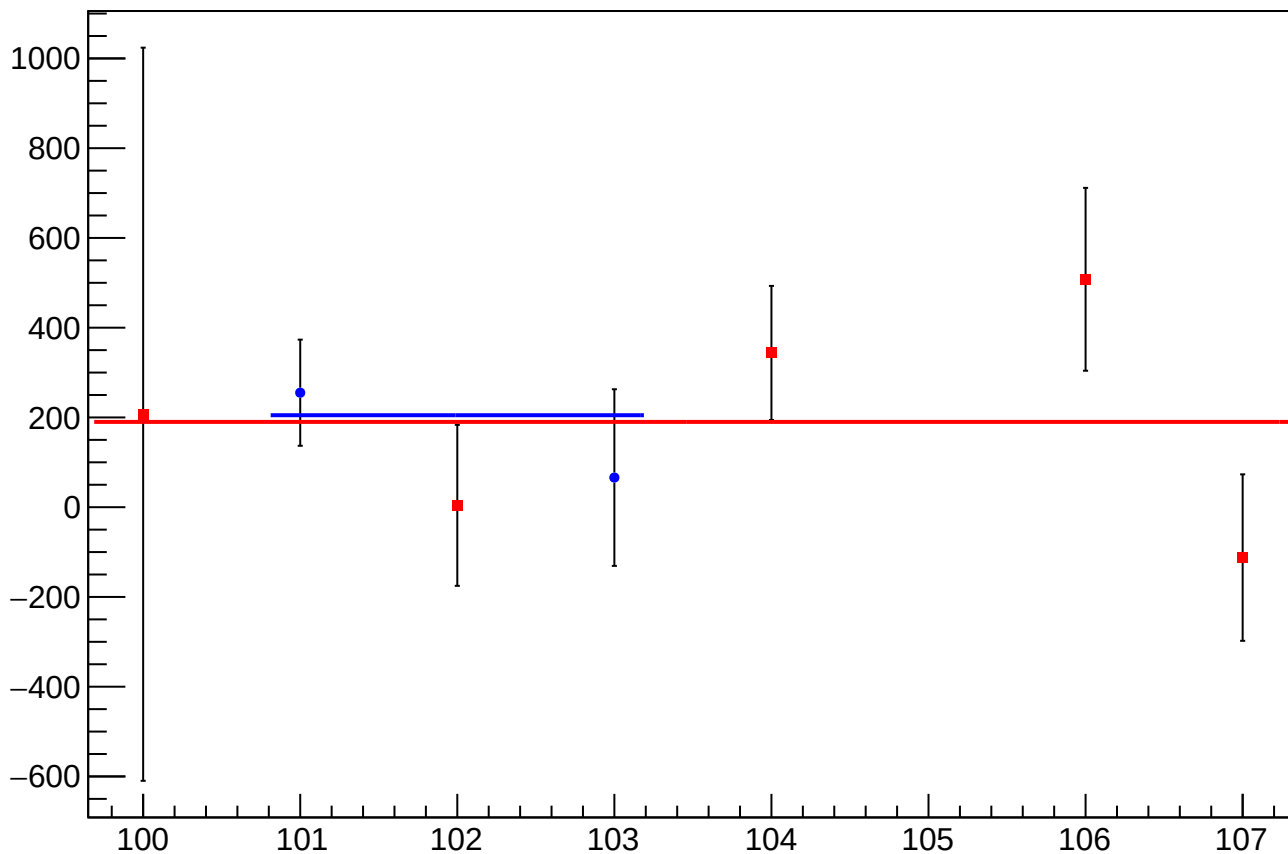
Right: 1027.846+/-0.421 χ^2/NDF : 28672.3/6

In: 992.536+/-0.626 χ^2/NDF : 7220.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1027.846+/-0.421 χ^2/NDF : 28672.3/6

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 204.957+/-101.378 χ^2/NDF : 0.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 190.048+/-87.527 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

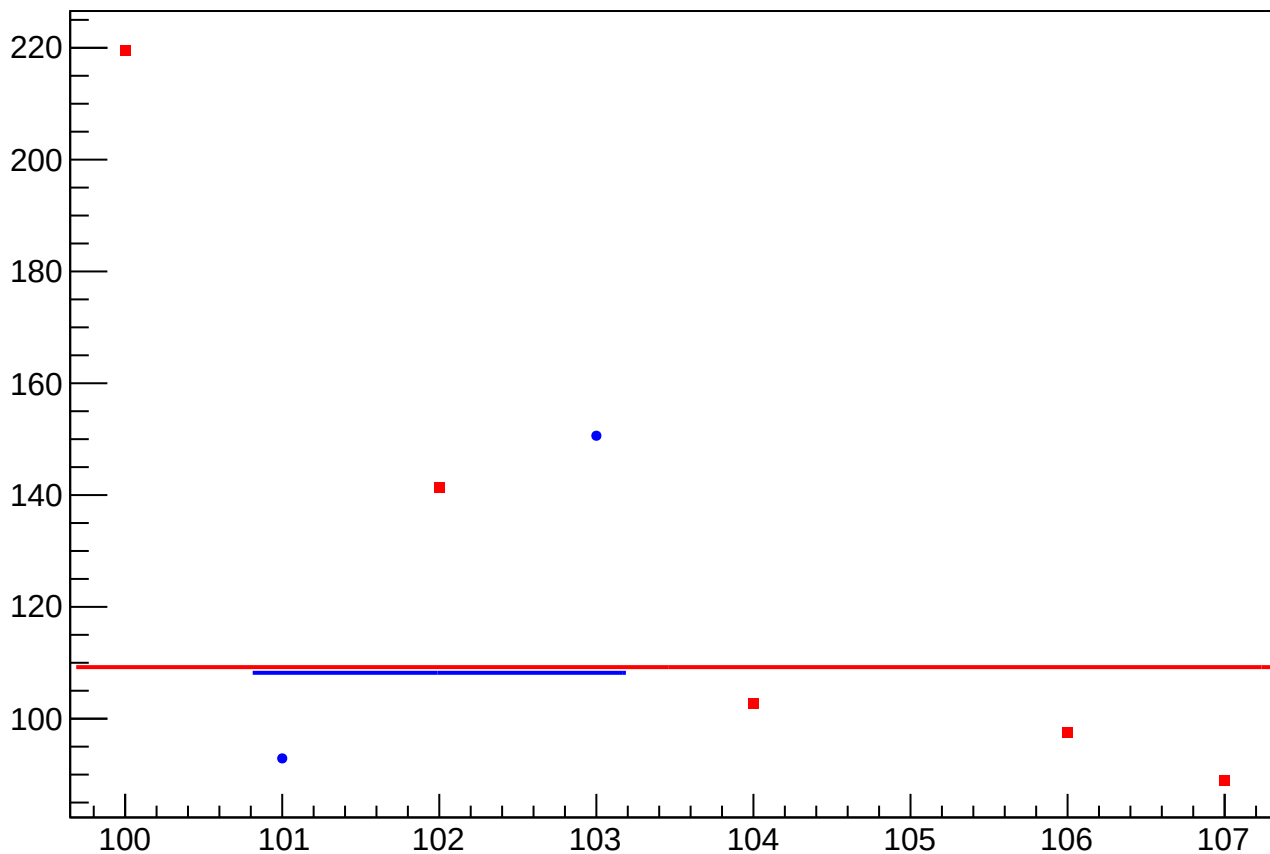
Right: 196.415+/-66.251 χ^2/NDF : 7.9/6

In: 204.957+/-101.378 χ^2/NDF : 0.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 196.415+/-66.251 χ^2/NDF : 7.9/6

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 108.211+/-0.072 χ^2/NDF : 126356.9/1

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

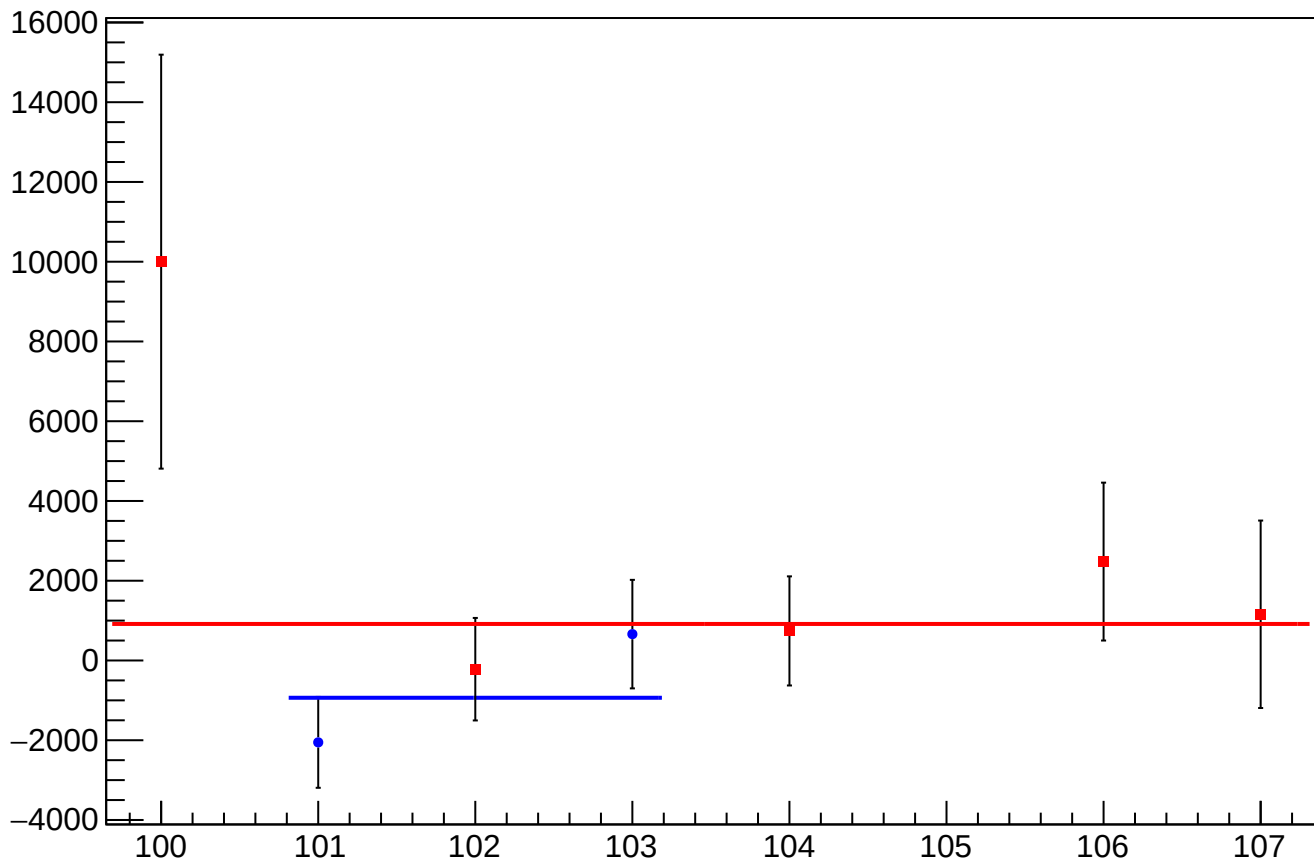
Right: 108.791+/-0.047 χ^2/NDF : 260938.6/6

In: 108.211+/-0.072 χ^2/NDF : 126356.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.791+/-0.047 χ^2/NDF : 260938.6/6

asym_sam_12345678_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -934.906+/-873.562 χ^2/NDF : 2.3/1

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

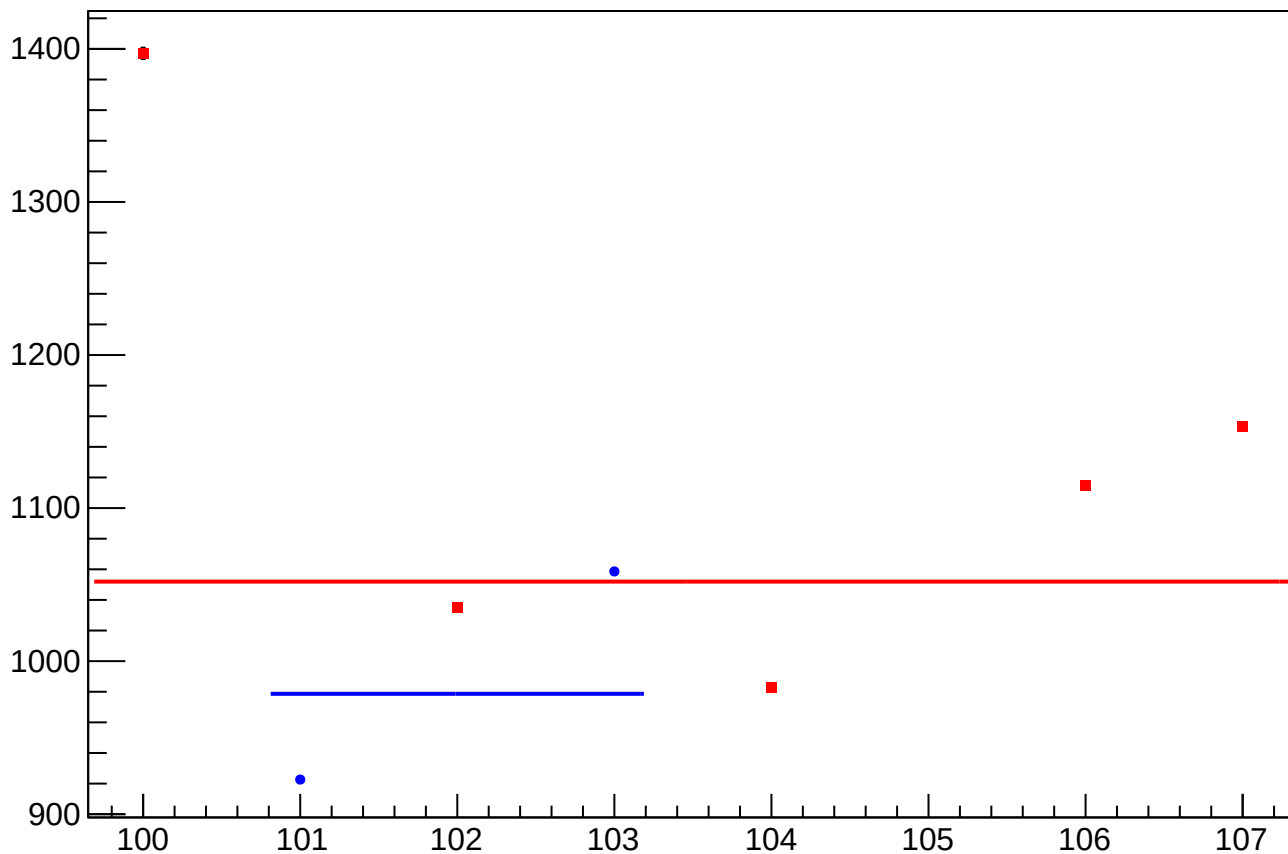
Right: 86.270+/-584.886 χ^2/NDF : 9.3/6

In: -934.906+/-873.562 χ^2/NDF : 2.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.270+/-584.886 χ^2/NDF : 9.3/6

asym_sam_12345678_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 978.666+/-0.618 χ^2/NDF : 11740.4/1

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

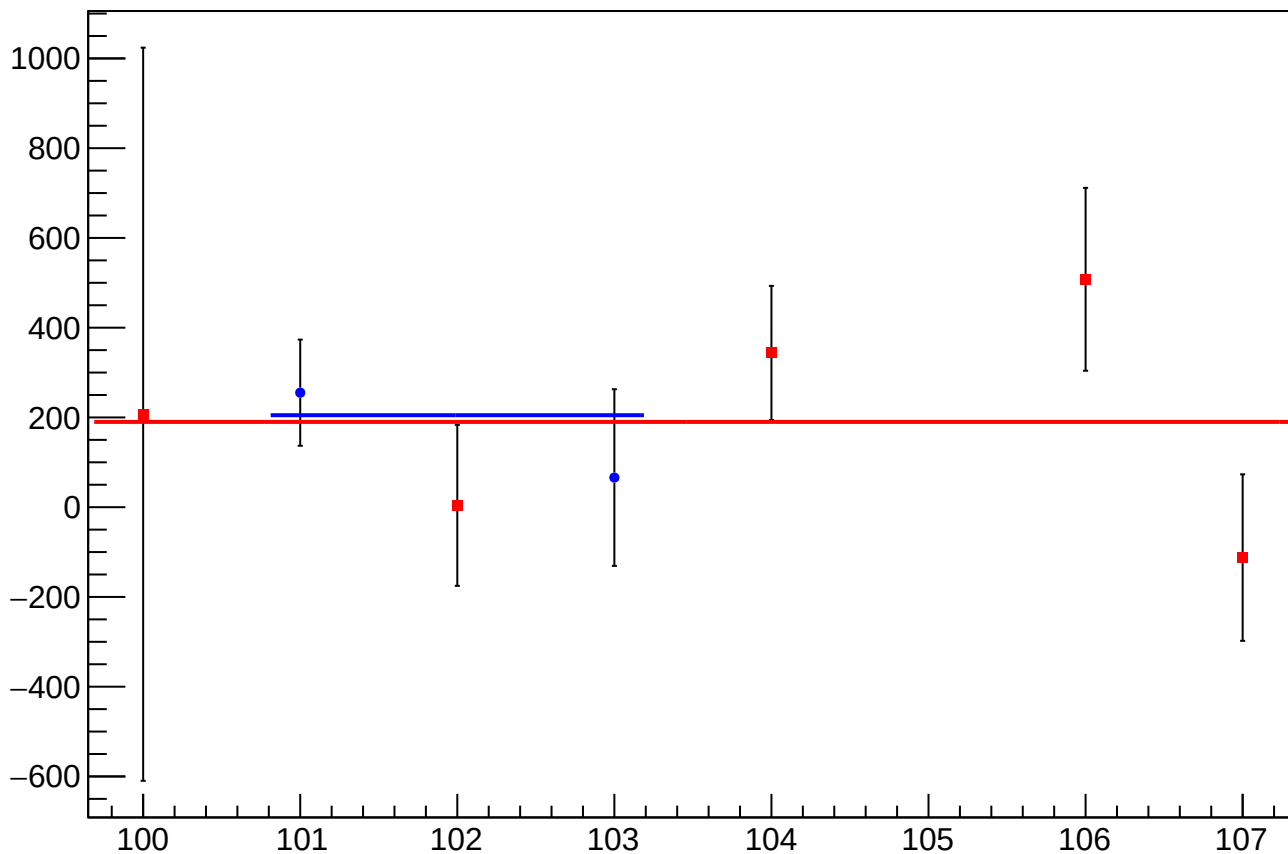
Right: 1019.108+/-0.414 χ^2/NDF : 39531.9/6

In: 978.666+/-0.618 χ^2/NDF : 11740.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1019.108+/-0.414 χ^2/NDF : 39531.9/6

eigen_dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 204.956 $\pm$ 101.378 χ^2 /NDF: 0.7/1

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

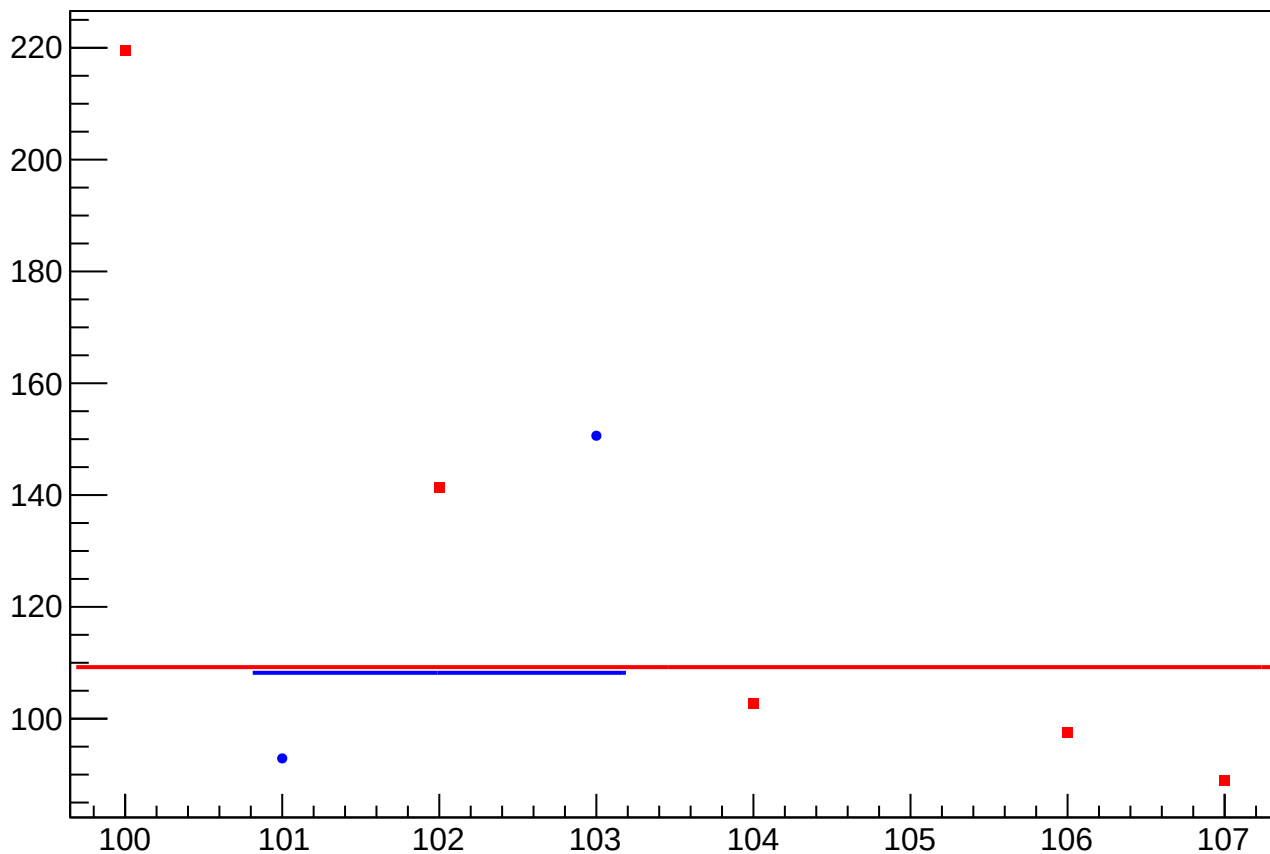
Right: 196.416 $\pm$ 66.251 χ^2 /NDF: 7.9/6

In: 204.956 $\pm$ 101.378 χ^2 /NDF: 0.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 196.416 $\pm$ 66.251 χ^2 /NDF: 7.9/6

eigen_dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 108.211+/-0.072 χ^2/NDF : 126353.3/1

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

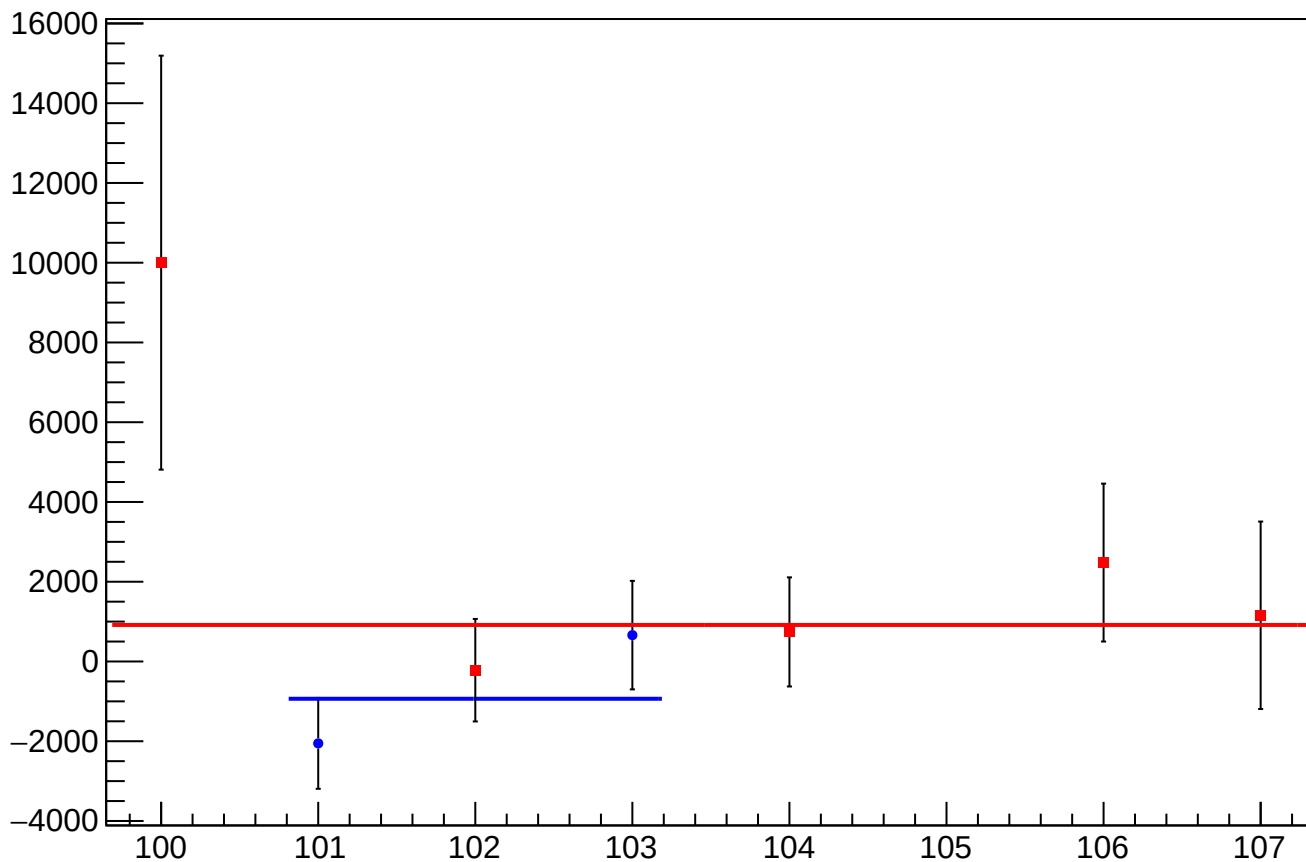
Right: 108.792+/-0.047 χ^2/NDF : 260934.3/6

In: 108.211+/-0.072 χ^2/NDF : 126353.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.792+/-0.047 χ^2/NDF : 260934.3/6

asym_sam_12345678_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -934.905+/-873.560 χ^2/NDF : 2.3/1

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

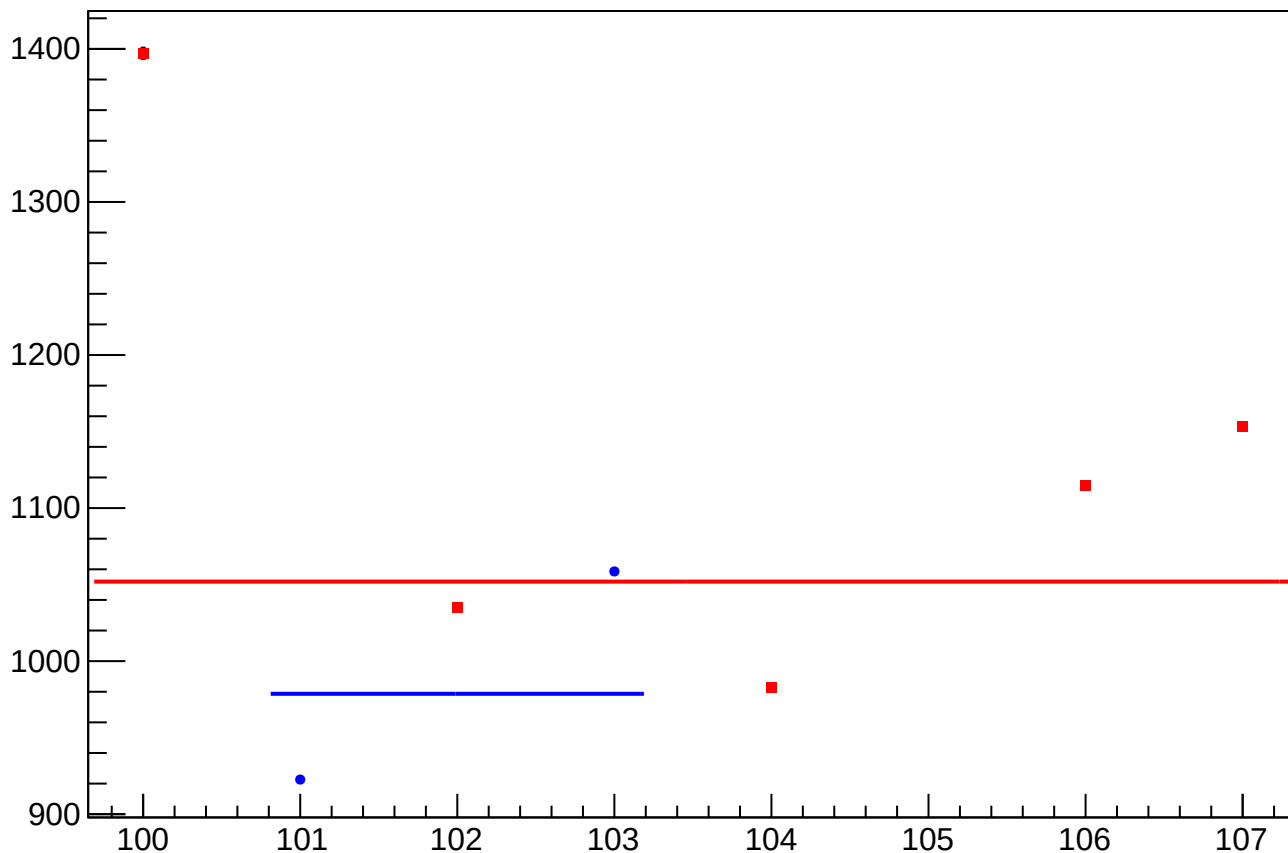
Right: 86.270+/-584.884 χ^2/NDF : 9.3/6

In: -934.905+/-873.560 χ^2/NDF : 2.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.270+/-584.884 χ^2/NDF : 9.3/6

asym_sam_12345678_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 978.664 $\pm$ 0.618 χ^2 /NDF: 11740.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1051.966 $\pm$ 0.557 χ^2 /NDF: 20022.5/4

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

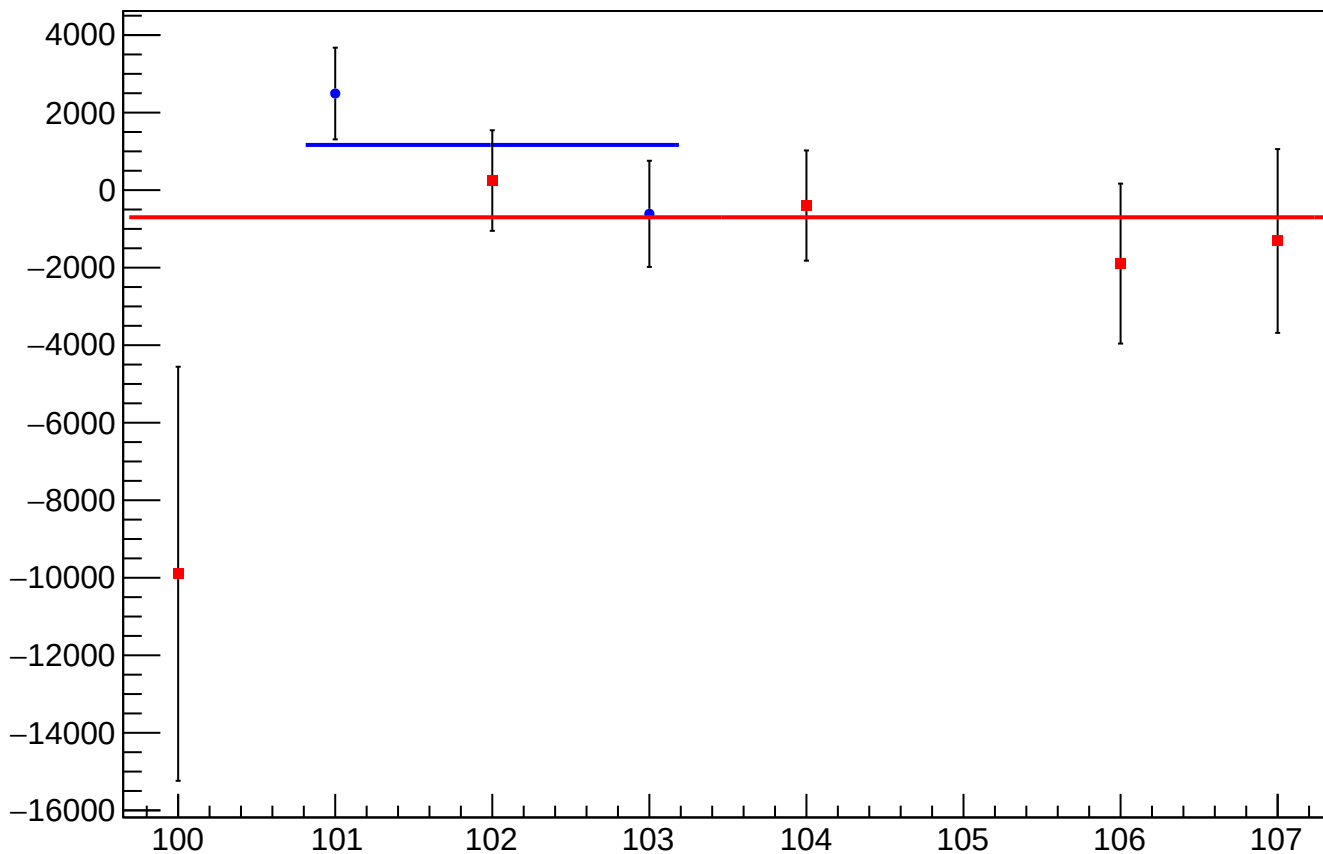
Right: 1019.106 $\pm$ 0.414 χ^2 /NDF: 39532.2/6

In: 978.664 $\pm$ 0.618 χ^2 /NDF:11740.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1019.106 $\pm$ 0.414 χ^2 /NDF: 39532.2/6

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 1166.236 $\pm$ 895.141 χ^2 /NDF: 2.9/1

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

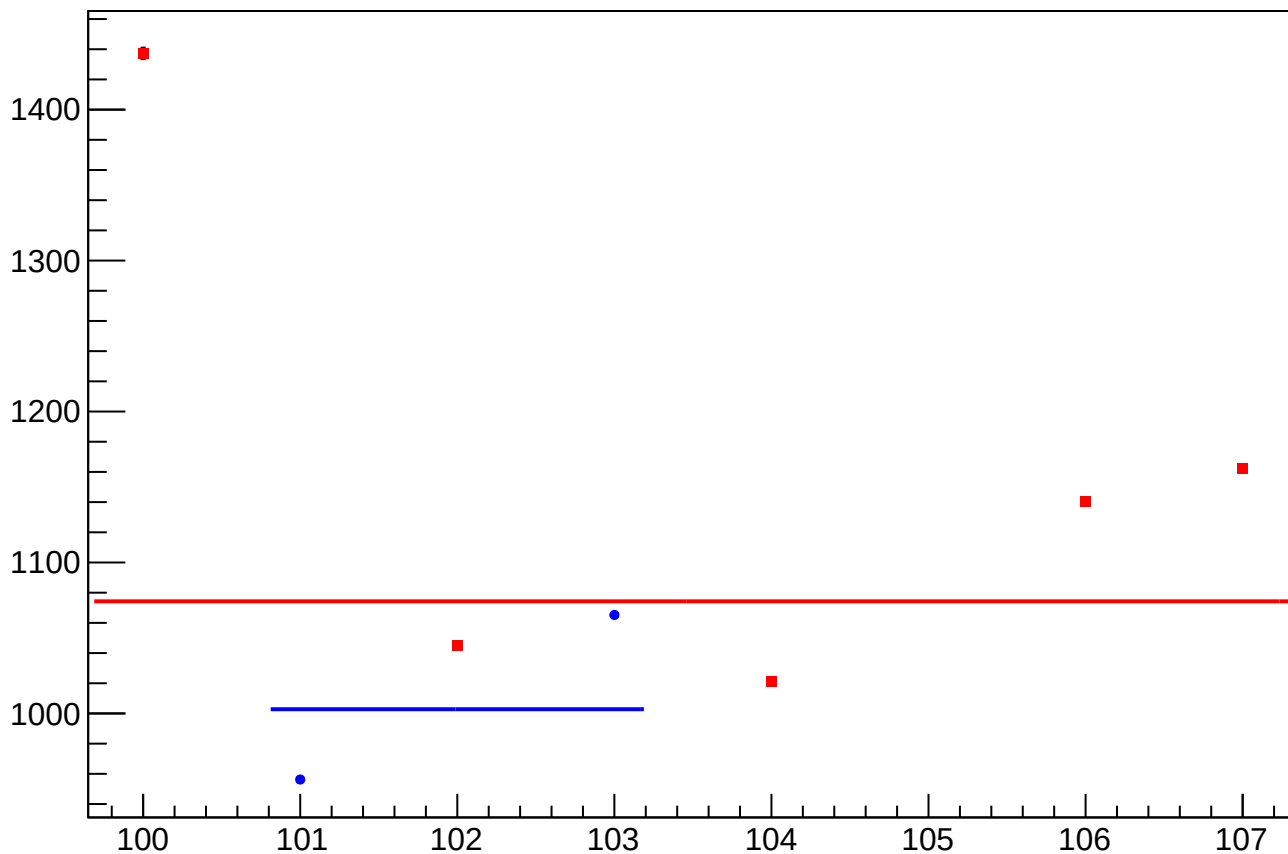
Right: 136.388 $\pm$ 599.226 χ^2 /NDF: 9.3/6

In: 1166.236 $\pm$ 895.141 χ^2 /NDF: 2.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 136.388 $\pm$ 599.226 χ^2 /NDF: 9.3/6

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 1002.796+/-0.633 χ^2/NDF : 7259.5/1

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

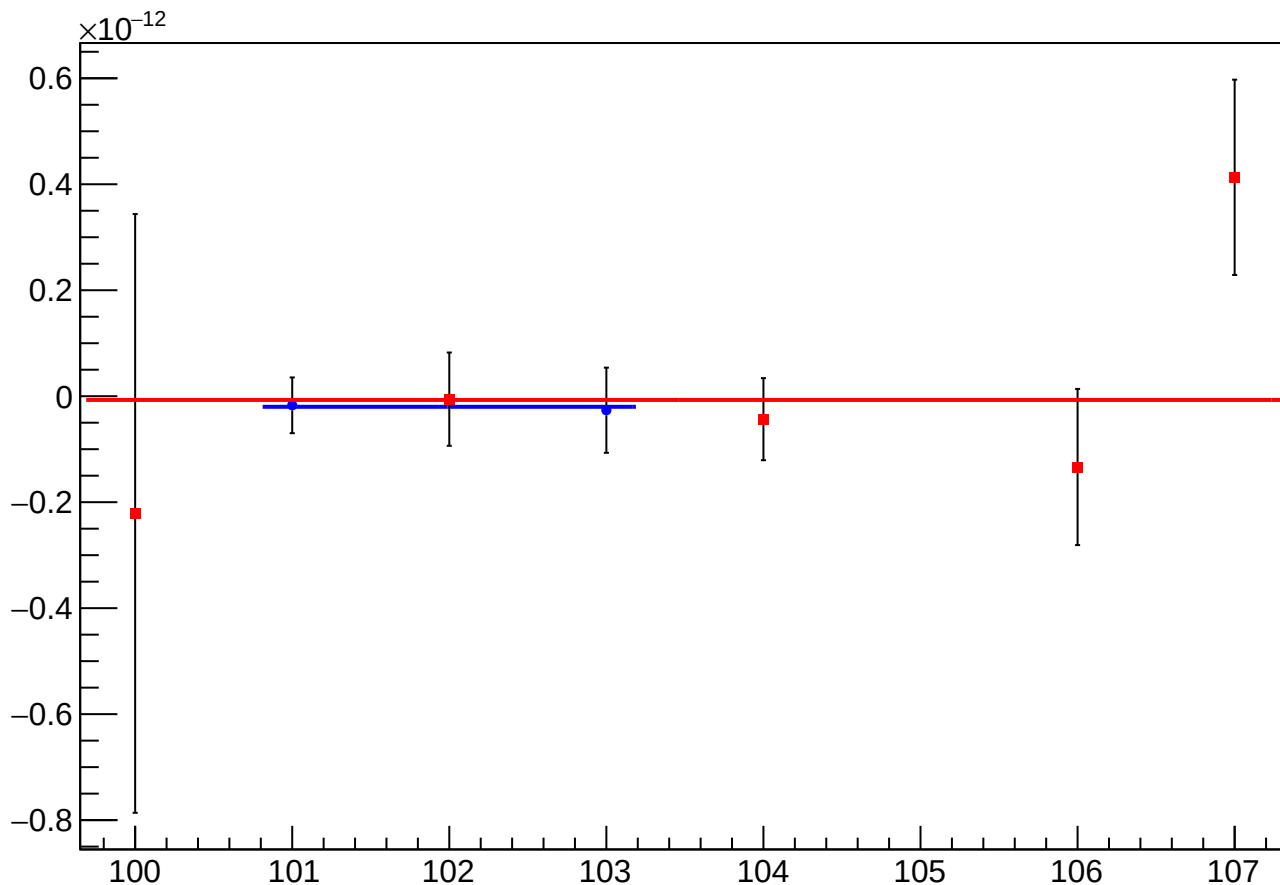
Right: 1042.235+/-0.424 χ^2/NDF : 32211.2/6

In: 1002.796+/-0.633 χ^2/NDF : 7259.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1042.235+/-0.424 χ^2/NDF : 32211.2/6

asym_sam_12345678_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/1

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

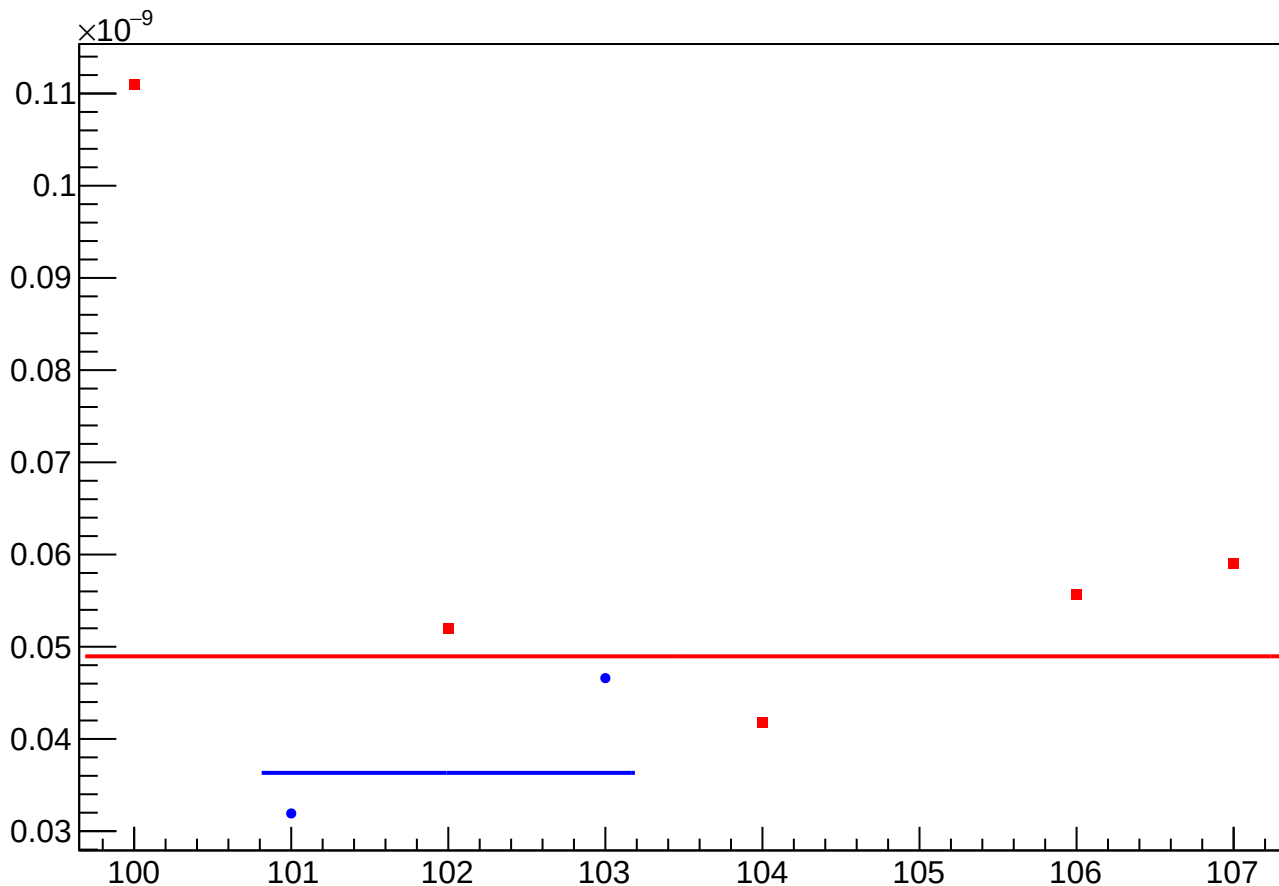
Right: -0.000+/-0.000 χ^2/NDF : 6.3/6

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.3/6

asym_sam_12345678_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 46728.2/1

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

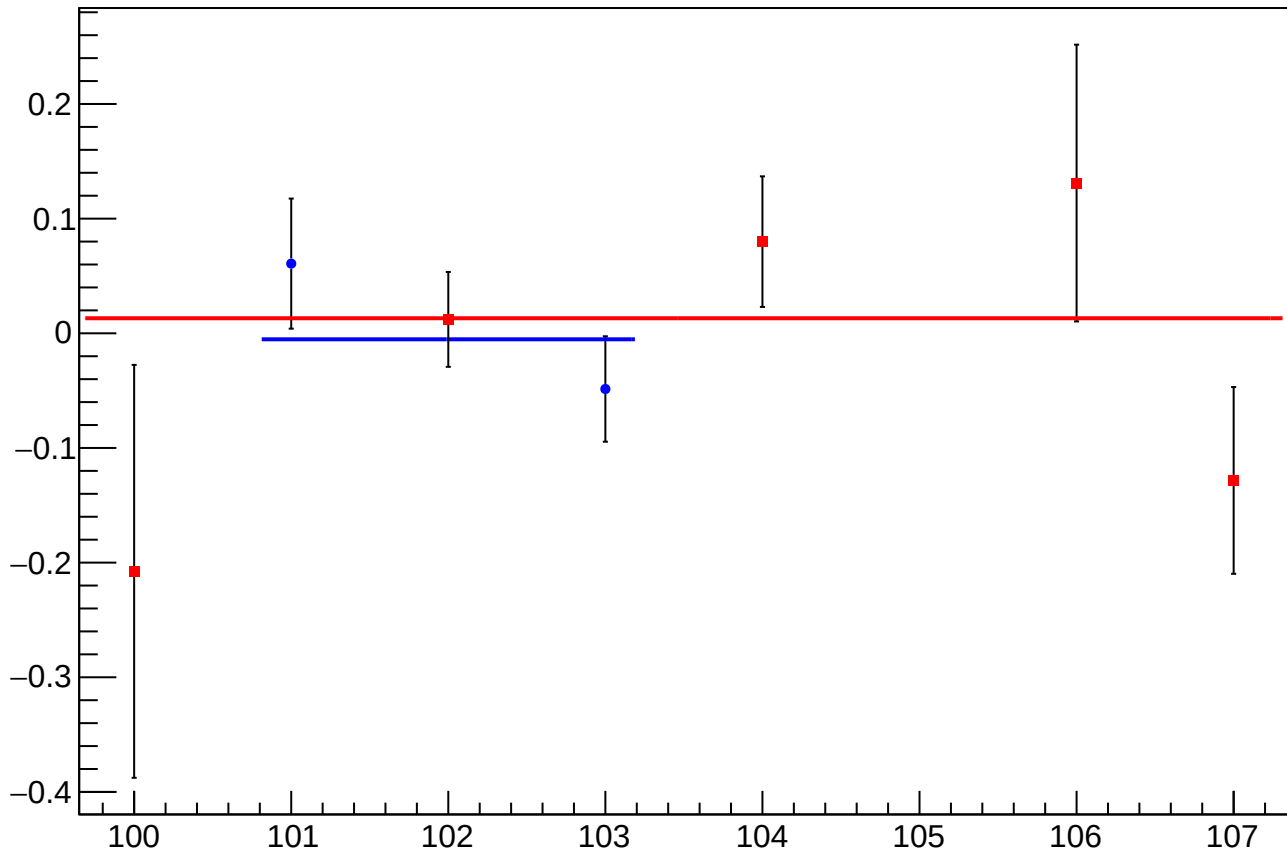
Right: 0.000+/-0.000 χ^2/NDF : 169650.4/6

In: 0.000+/-0.000 χ^2/NDF : 46728.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 169650.4/6

asym_sam_12345678_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.036 χ^2 /NDF: 2.2/1

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

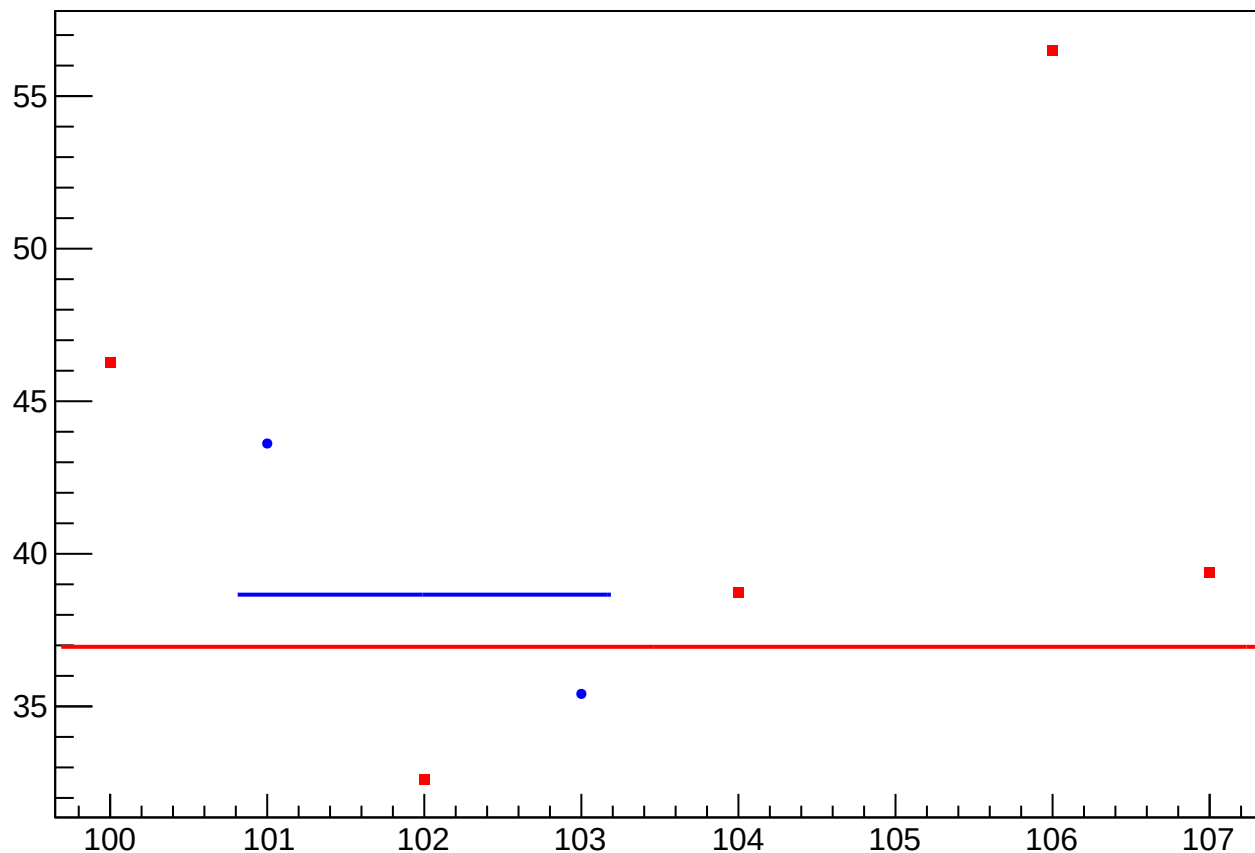
Right: 0.006 $\pm$ 0.023 χ^2 /NDF: 9.2/6

In: -0.005 $\pm$ 0.036 χ^2 /NDF:2.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.006 $\pm$ 0.023 χ^2 /NDF: 9.2/6

asym_sam_12345678_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.662 $\pm$ 0.025 χ^2 /NDF: 25249.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 36.953 $\pm$ 0.021 χ^2 /NDF: 83828.8/4

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

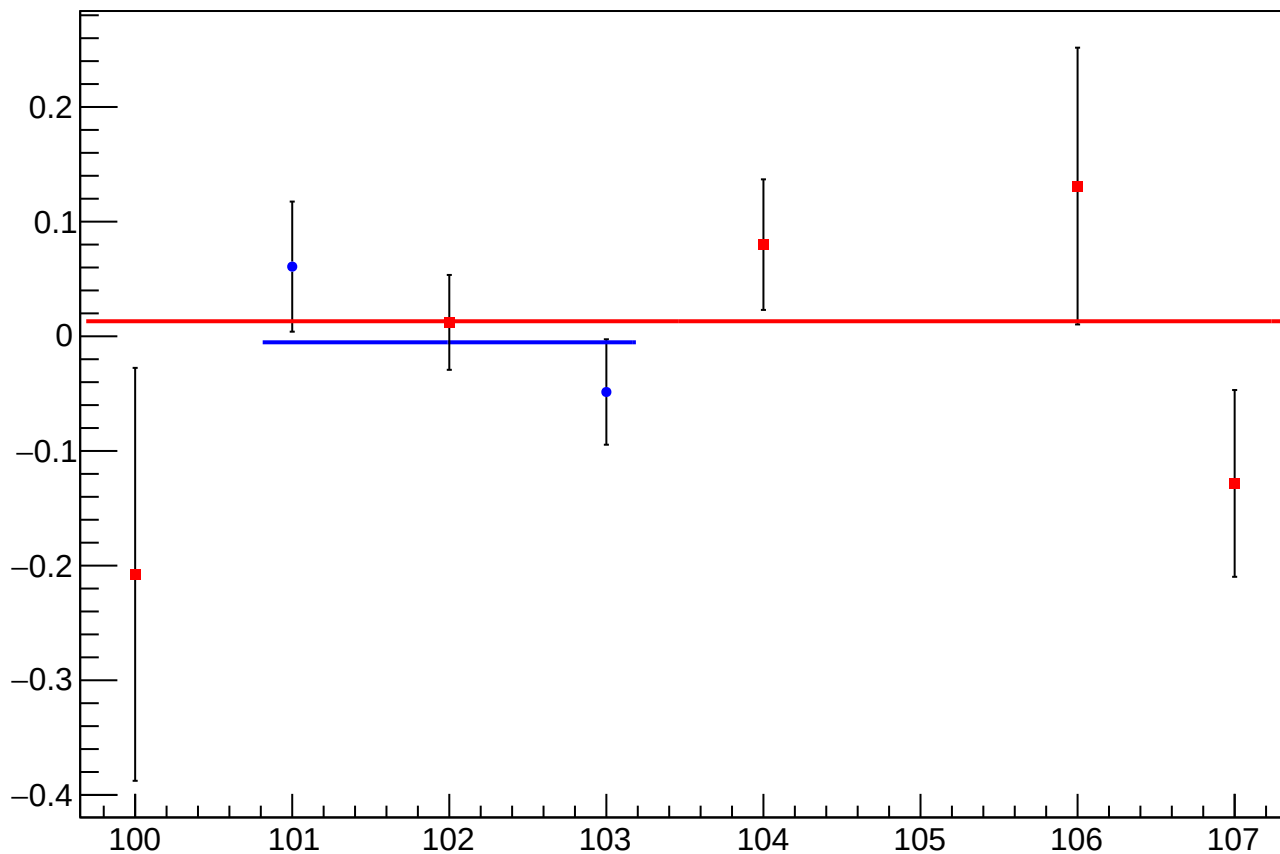
Right: 37.648 $\pm$ 0.016 χ^2 /NDF: 111793.8/6

In: 38.662 $\pm$ 0.025 χ^2 /NDF: 25249.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.648 $\pm$ 0.016 χ^2 /NDF: 111793.8/6

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.036 χ^2 /NDF: 2.2/1

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

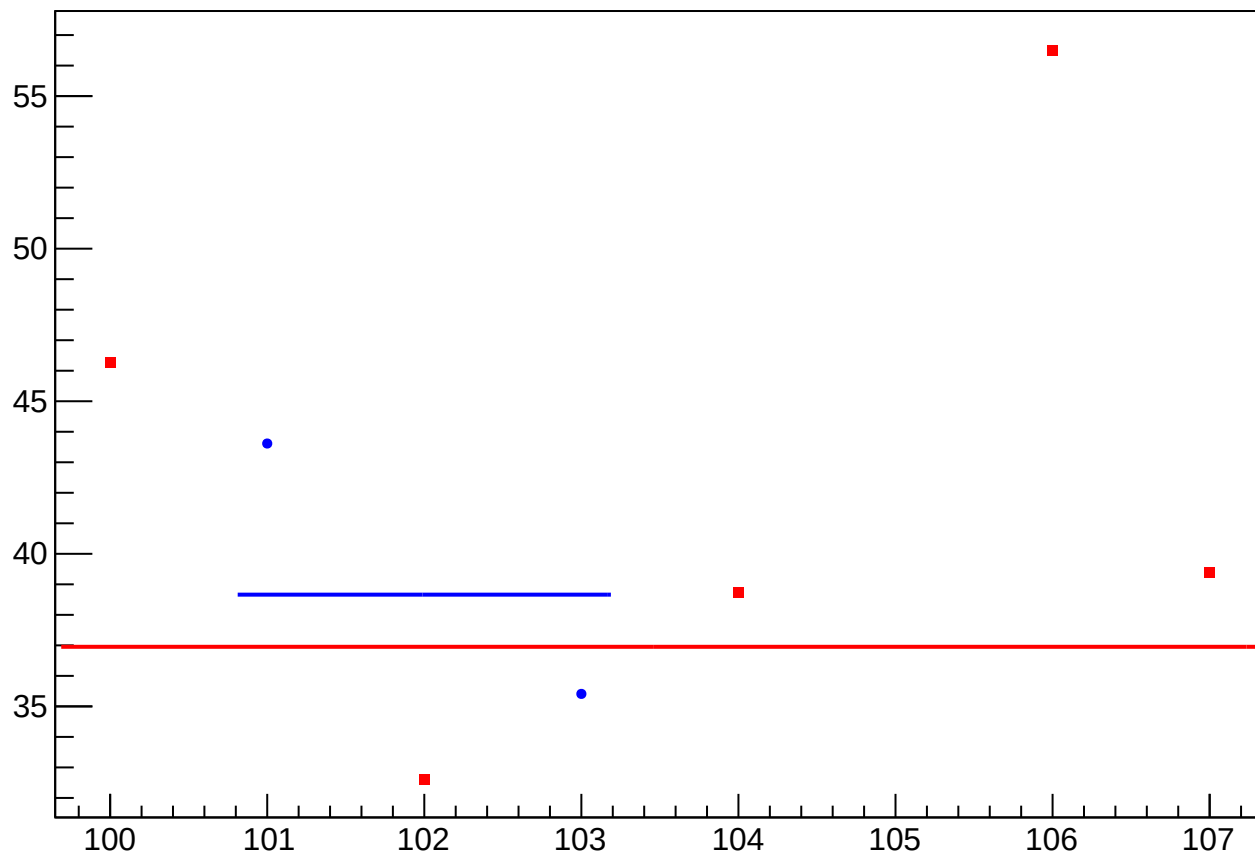
Right: 0.006 $\pm$ 0.023 χ^2 /NDF: 9.2/6

In: -0.005 $\pm$ 0.036 χ^2 /NDF:2.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.006 $\pm$ 0.023 χ^2 /NDF: 9.2/6

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.662 $\pm$ 0.025 χ^2 /NDF: 25249.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 36.953 $\pm$ 0.021 χ^2 /NDF: 83828.8/4

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

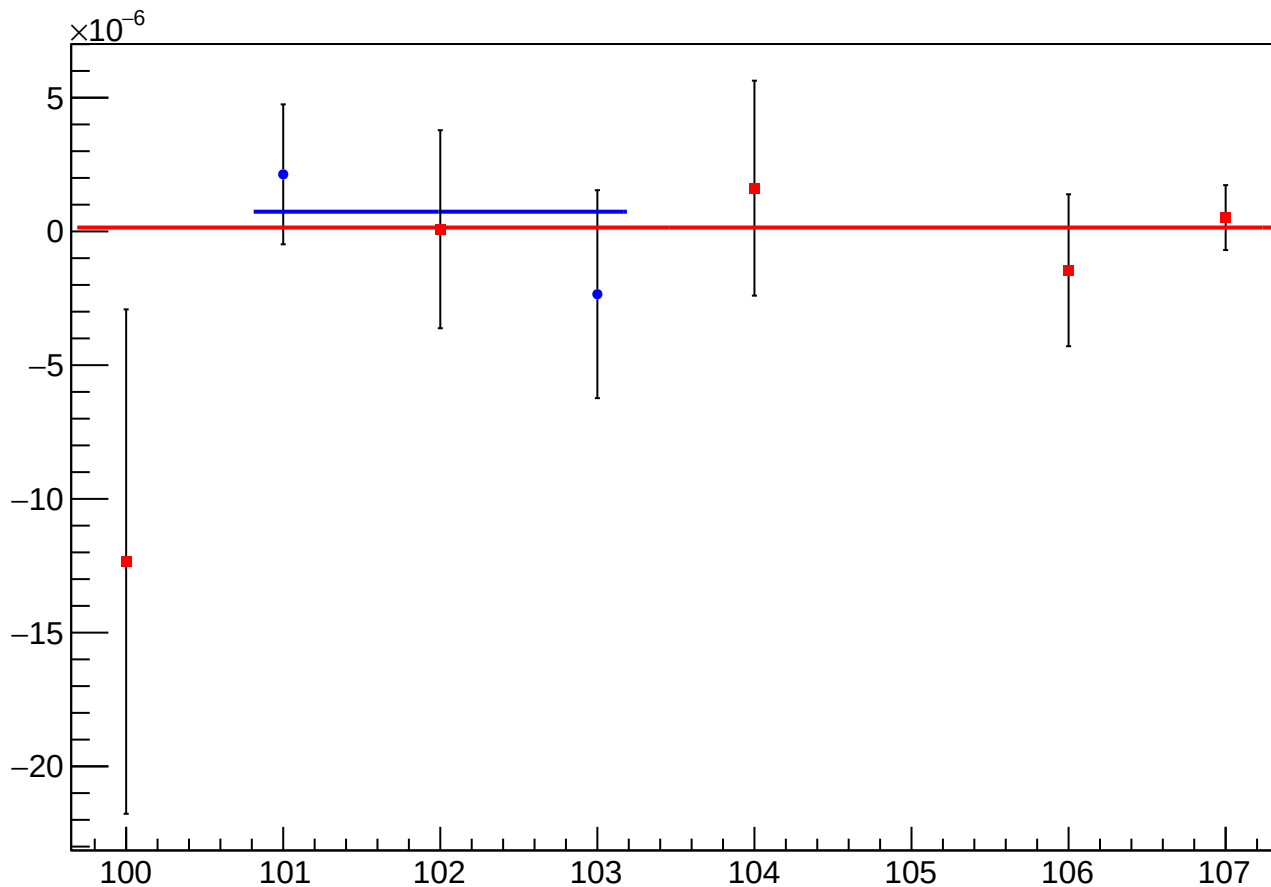
Right: 37.648 $\pm$ 0.016 χ^2 /NDF: 111793.8/6

In: 38.662 $\pm$ 0.025 χ^2 /NDF: 25249.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.648 $\pm$ 0.016 χ^2 /NDF: 111793.8/6

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.9/1

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

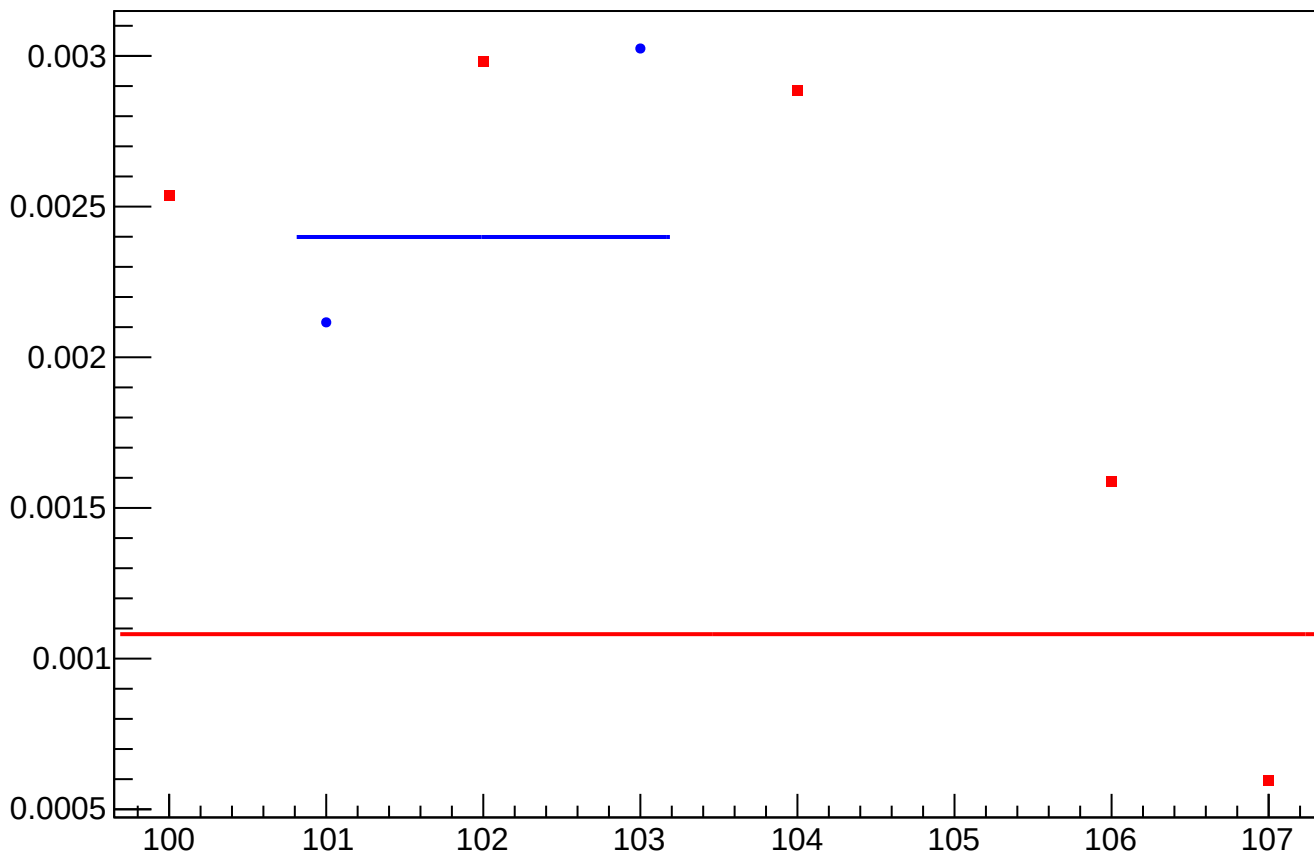
Right: 0.000+/-0.000 χ^2/NDF : 3.3/6

In: 0.000+/-0.000 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.3/6

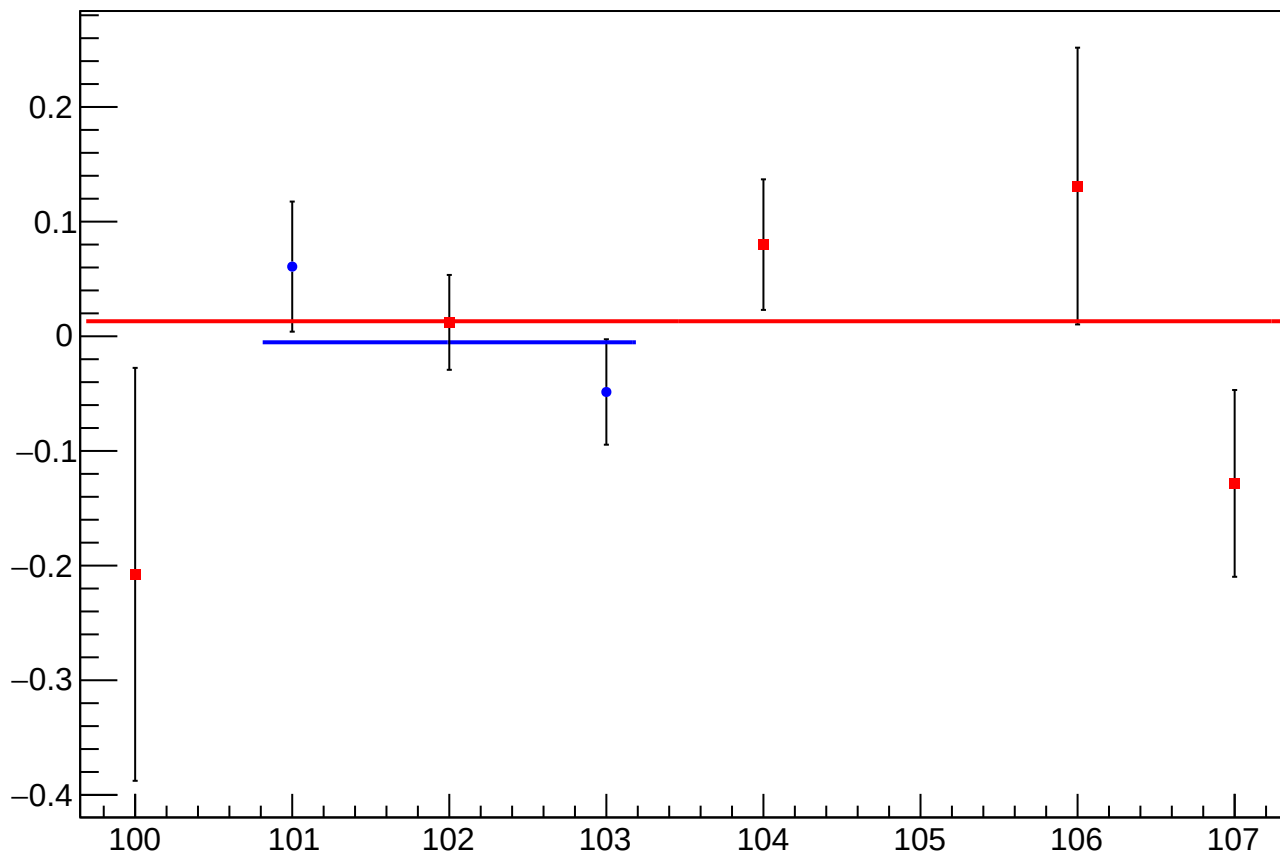
asym_sam_12345678_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 75218.1/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 0.001 $\pm$ 0.000 χ^2 /NDF: 1362571.9/4
 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: 0.001 $\pm$ 0.000 χ^2 /NDF: 2040478.5/6
 In: 0.002 $\pm$ 0.000 χ^2 /NDF: 75218.1/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.001 $\pm$ 0.000 χ^2 /NDF: 2040478.5/6

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.036 χ^2 /NDF: 2.2/1

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

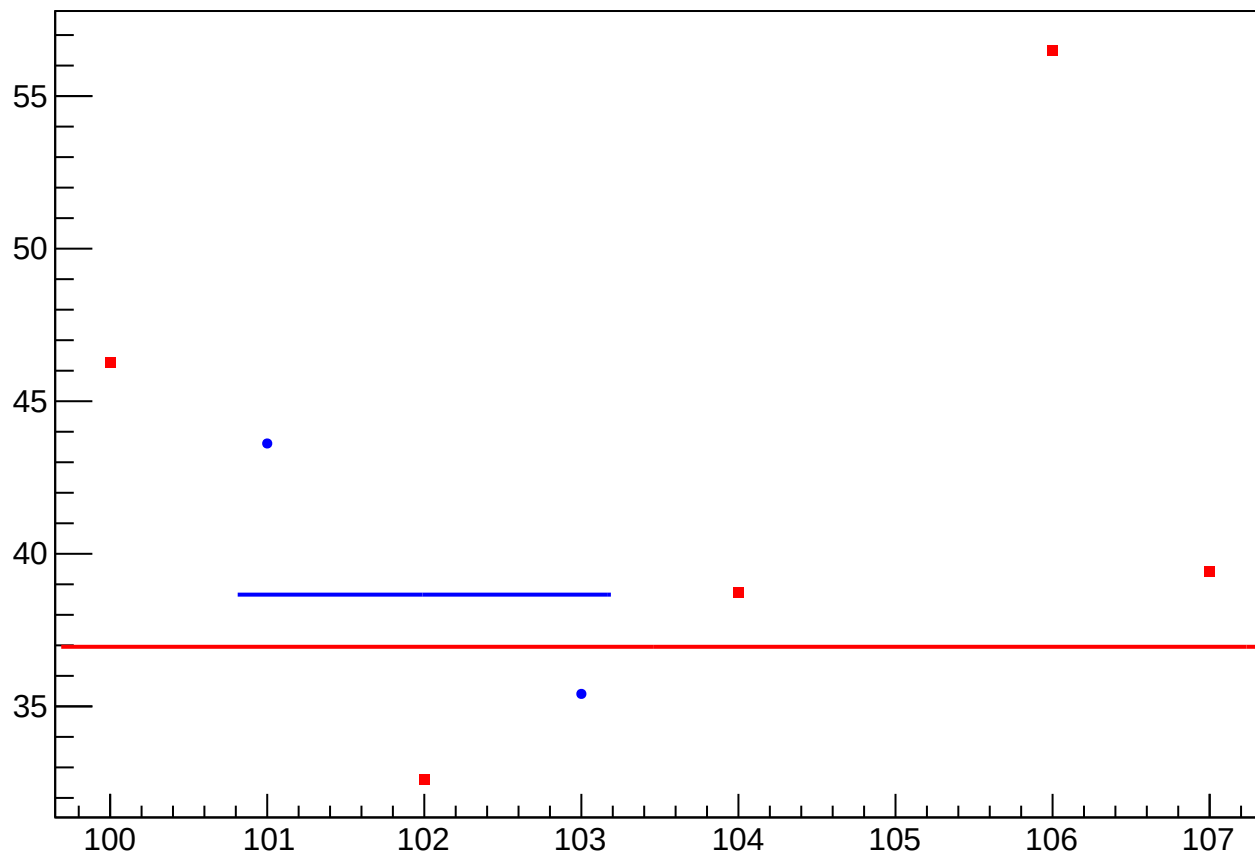
Right: 0.006 $\pm$ 0.023 χ^2 /NDF: 9.2/6

In: -0.005 $\pm$ 0.036 χ^2 /NDF:2.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.006 $\pm$ 0.023 χ^2 /NDF: 9.2/6

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.662 $\pm$ 0.025 χ^2 /NDF: 25257.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 36.953 $\pm$ 0.021 χ^2 /NDF: 83836.5/4

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

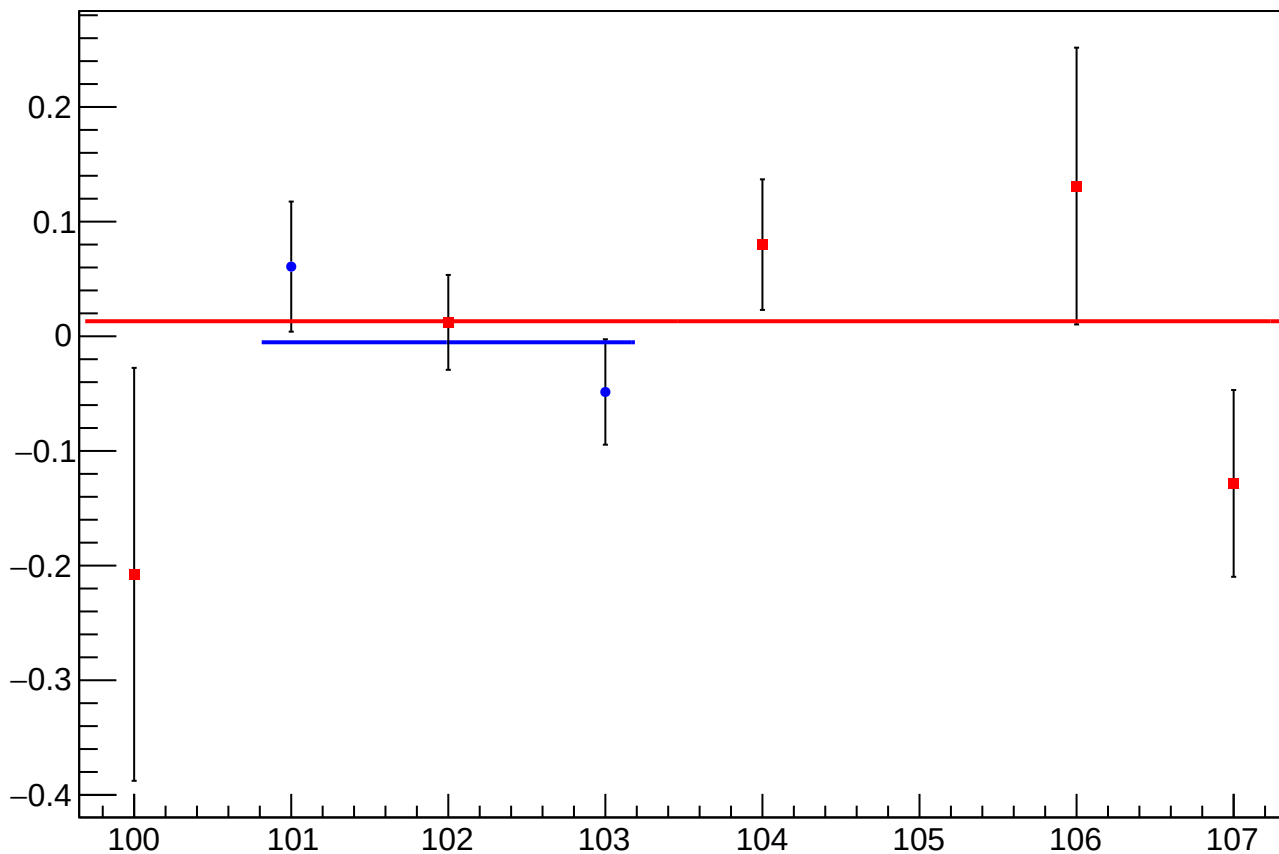
Right: 37.648 $\pm$ 0.016 χ^2 /NDF: 111810.1/6

In: 38.662 $\pm$ 0.025 χ^2 /NDF: 25257.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.648 $\pm$ 0.016 χ^2 /NDF: 111810.1/6

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.036 χ^2 /NDF: 2.2/1

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

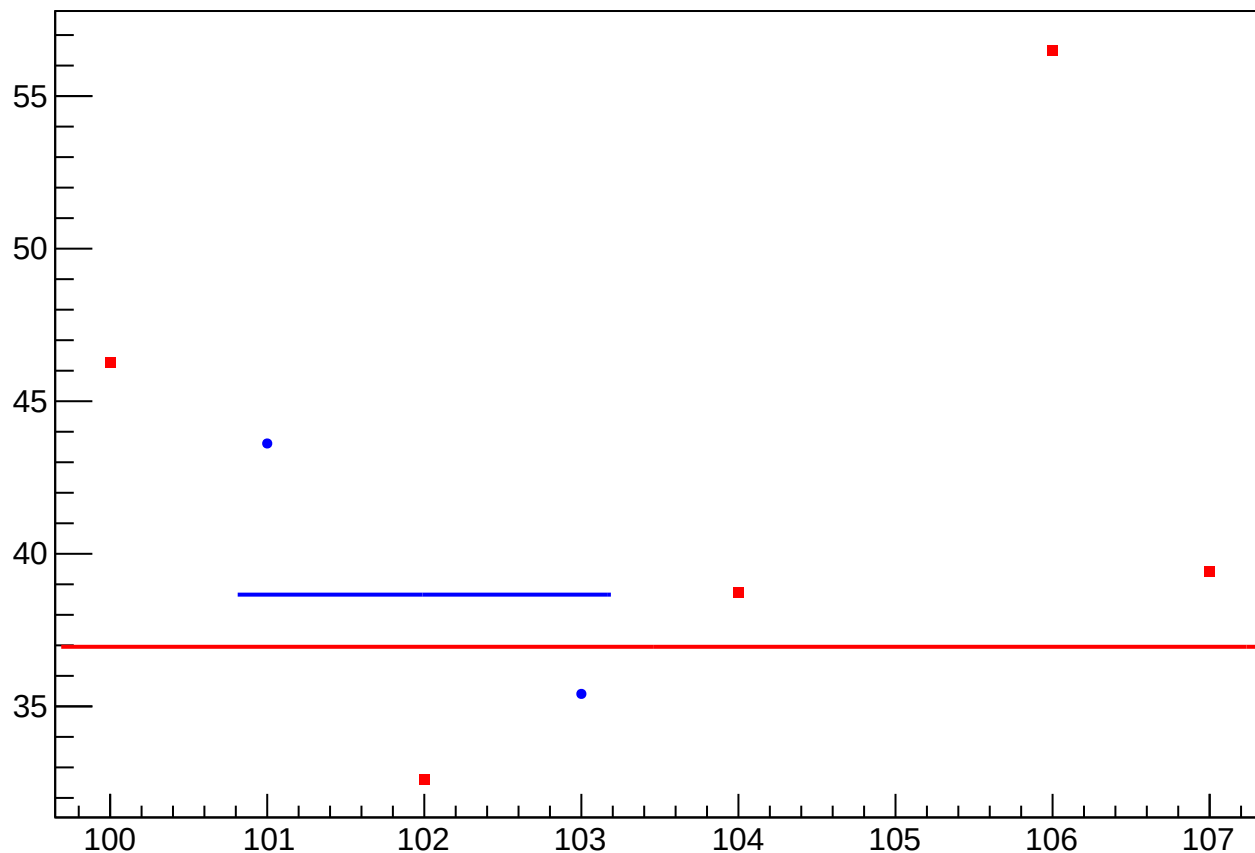
Right: 0.006 $\pm$ 0.023 χ^2 /NDF: 9.2/6

In: -0.005 $\pm$ 0.036 χ^2 /NDF:2.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.006 $\pm$ 0.023 χ^2 /NDF: 9.2/6

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.662 ± 0.025 $\chi^2/\text{NDF}: 25257.4/1$

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 $\chi^2/\text{NDF}: 0.0/0$

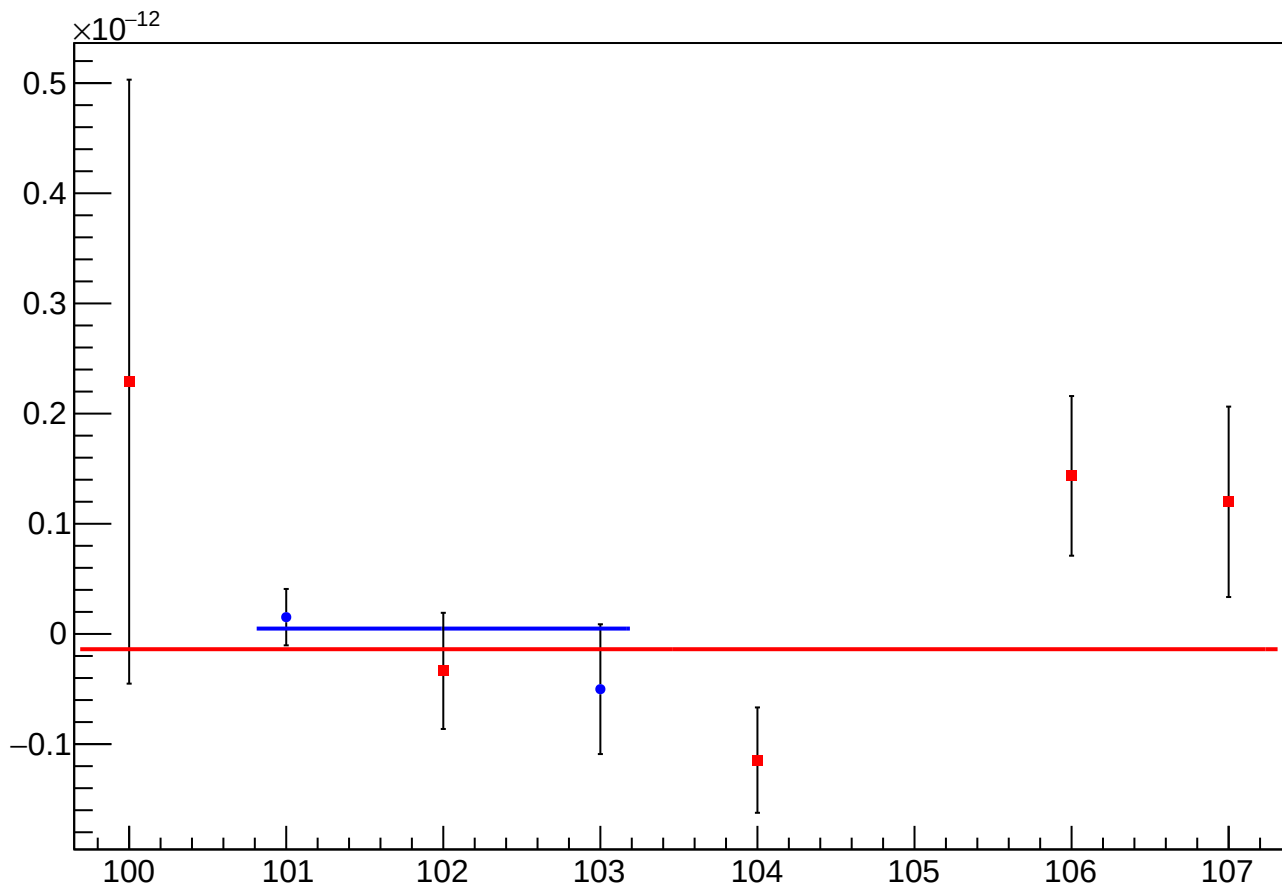
Right: 37.648 ± 0.016 $\chi^2/\text{NDF}: 111810.1/6$

In: 38.662 ± 0.025 $\chi^2/\text{NDF}: 25257.4/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 37.648 ± 0.016 $\chi^2/\text{NDF}: 111810.1/6$

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.0/1

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

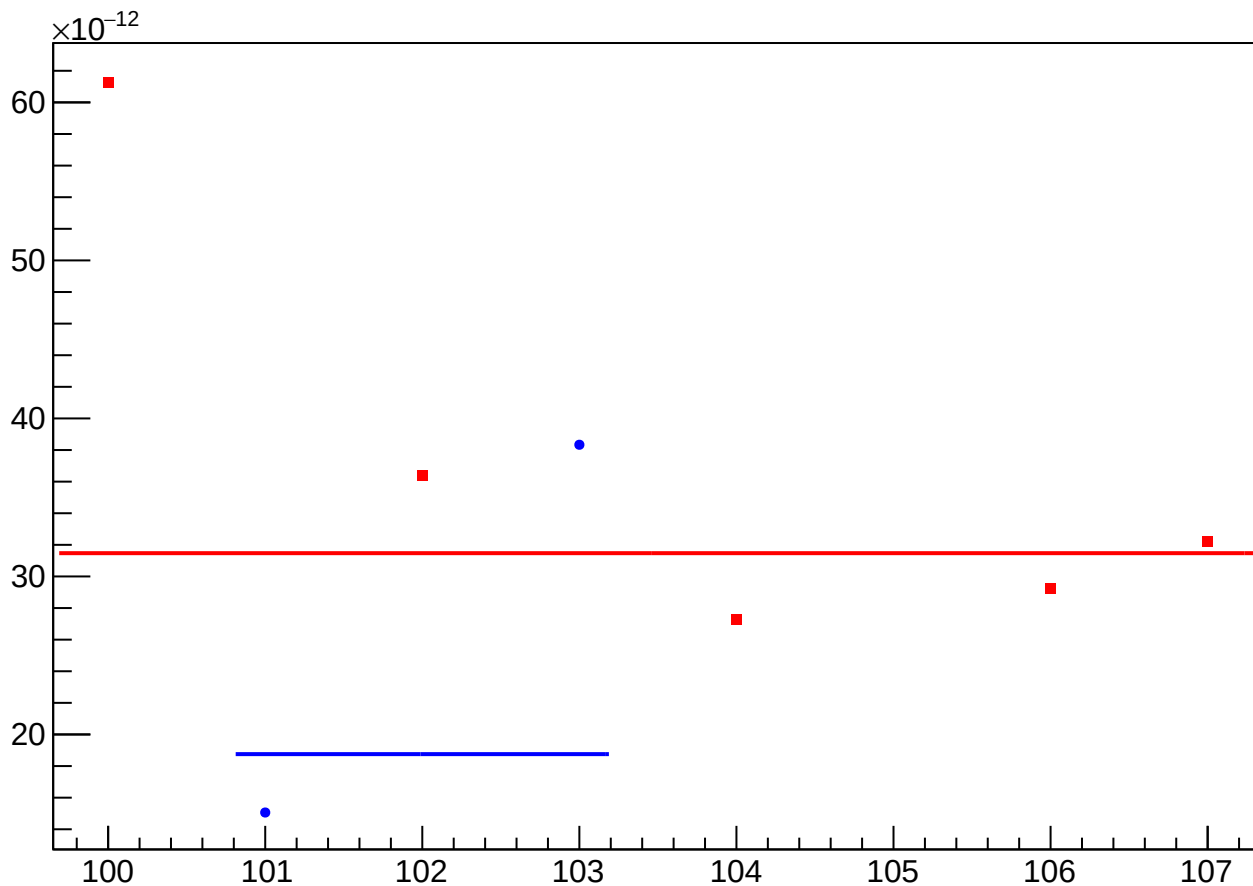
Right: -0.000+/-0.000 χ^2/NDF : 13.7/6

In: 0.000+/-0.000 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.7/6

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 262610.0/1

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

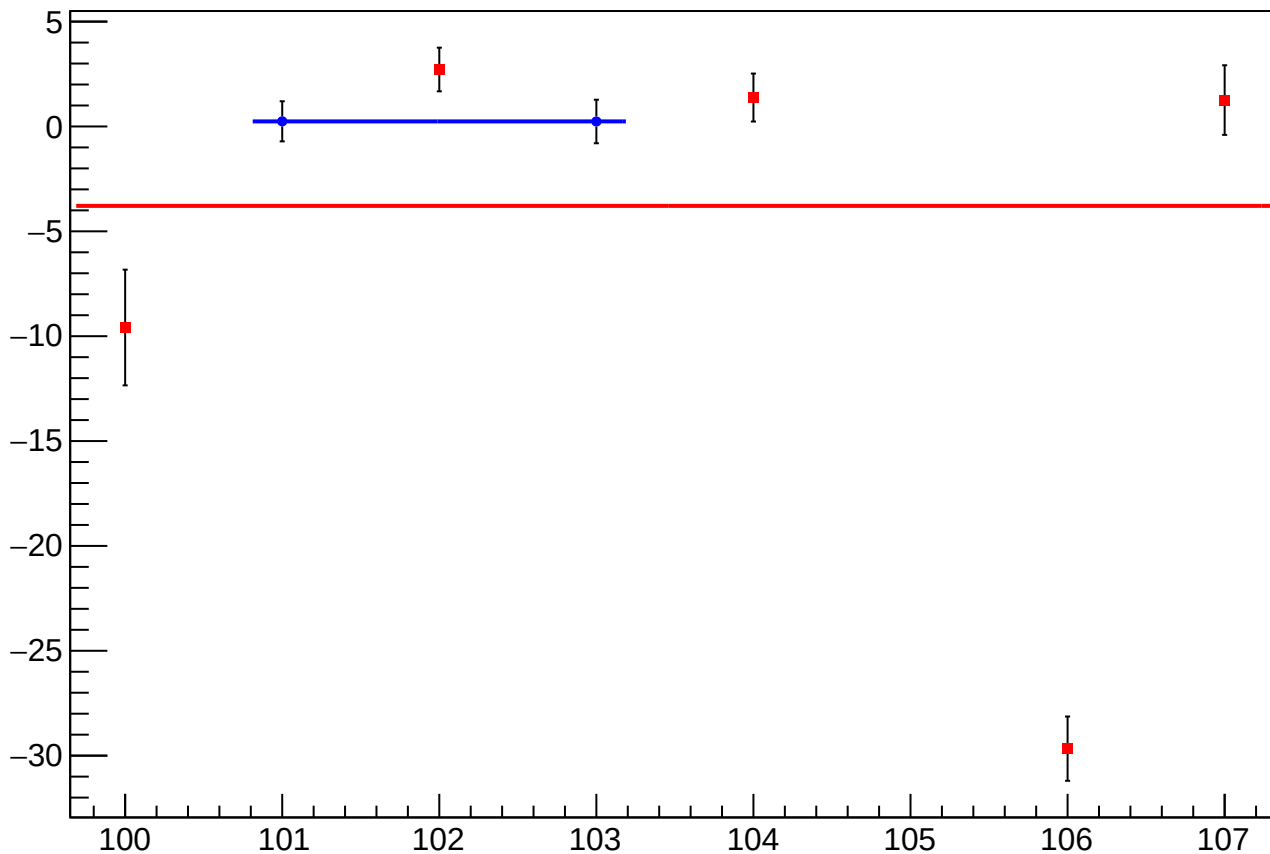
Right: 0.000+/-0.000 χ^2/NDF : 546736.8/6

In: 0.000+/-0.000 χ^2/NDF : 262610.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 546736.8/6

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.241+/-0.703 χ^2/NDF : 0.0/1

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

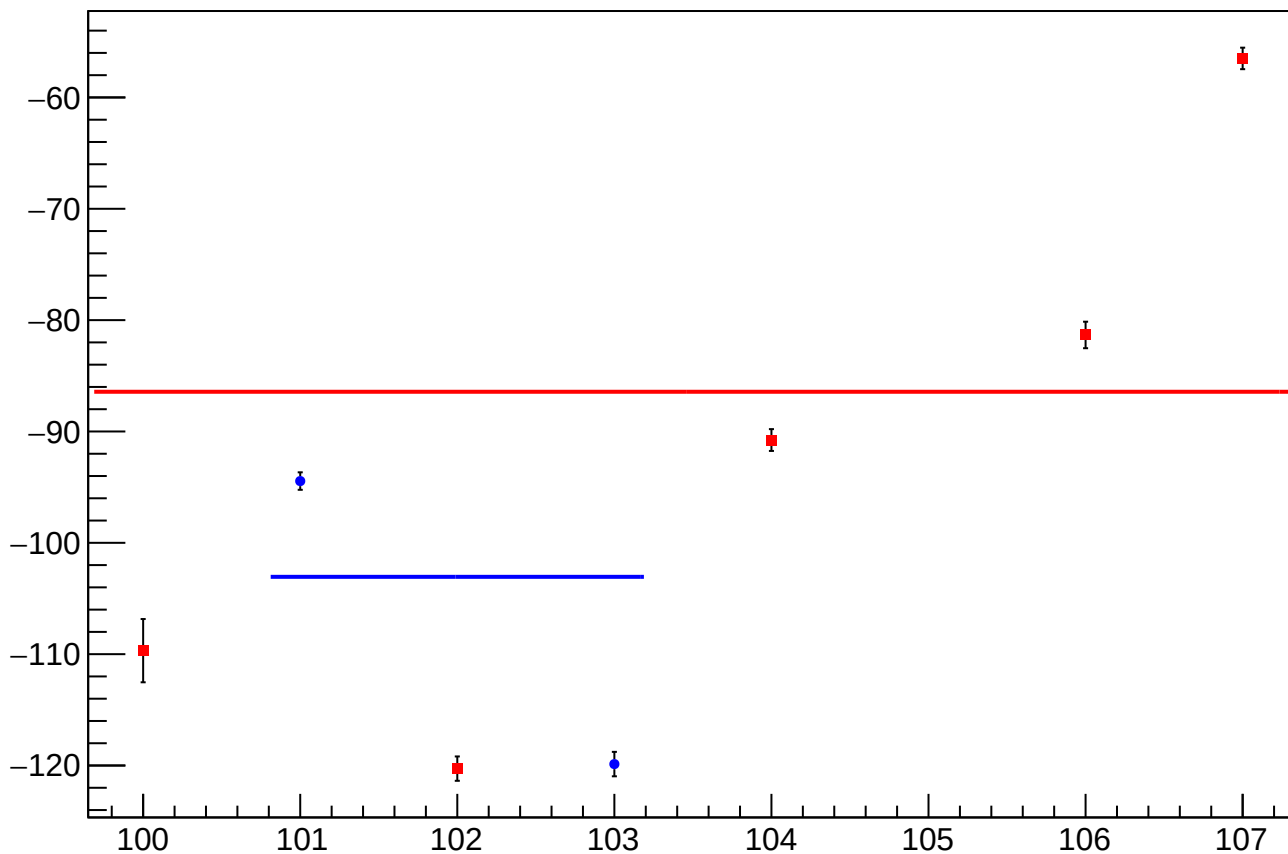
Right: -2.027+/-0.465 χ^2/NDF : 376.8/6

In: 0.241+/-0.703 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.027+/-0.465 χ^2/NDF : 376.8/6

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -103.054+/-0.639 χ^2/NDF : 354.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -86.433+/-0.514 χ^2/NDF : 2024.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

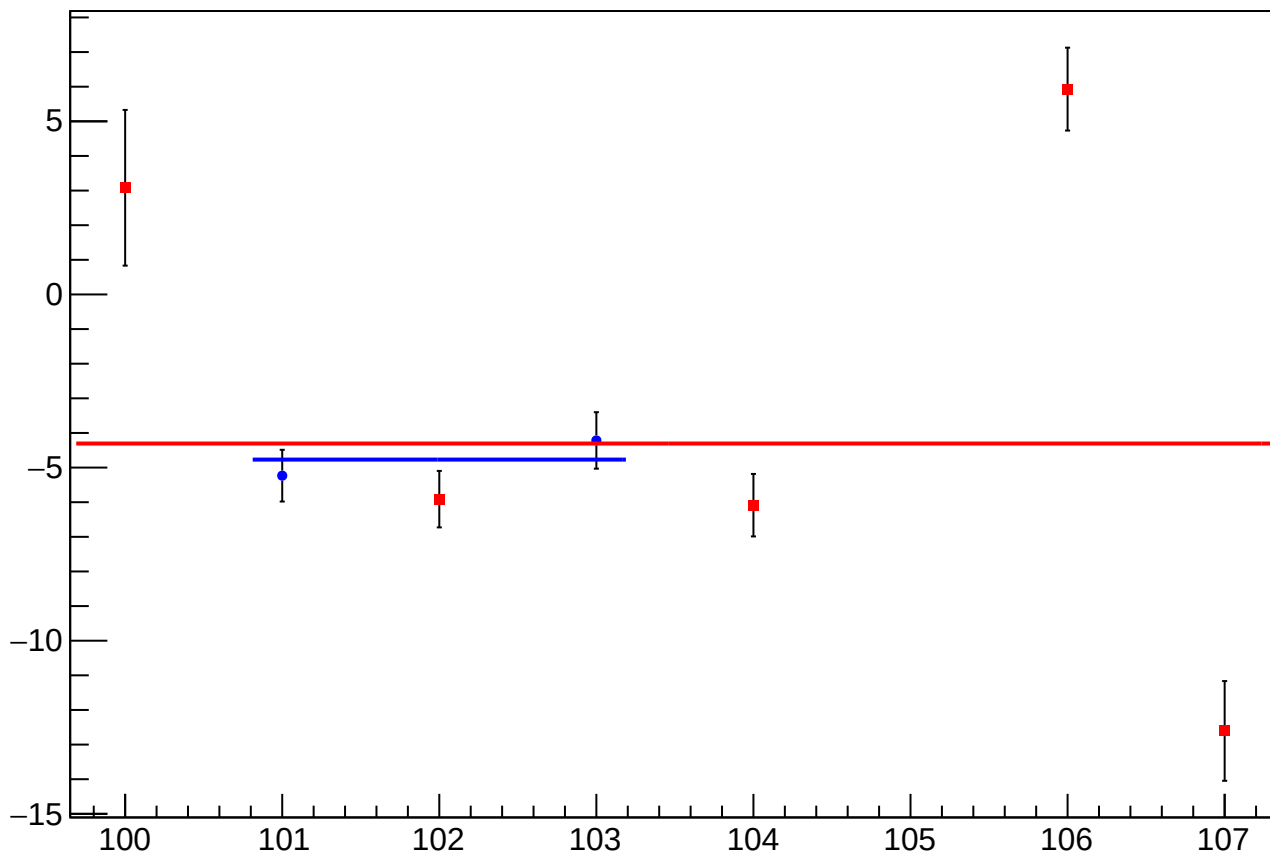
Right: -92.971+/-0.401 χ^2/NDF : 2790.1/6

In: -103.054+/-0.639 χ^2/NDF : 354.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -92.971+/-0.401 χ^2/NDF : 2790.1/6

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.769+/-0.551 χ^2/NDF : 0.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.305+/-0.493 χ^2/NDF : 124.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

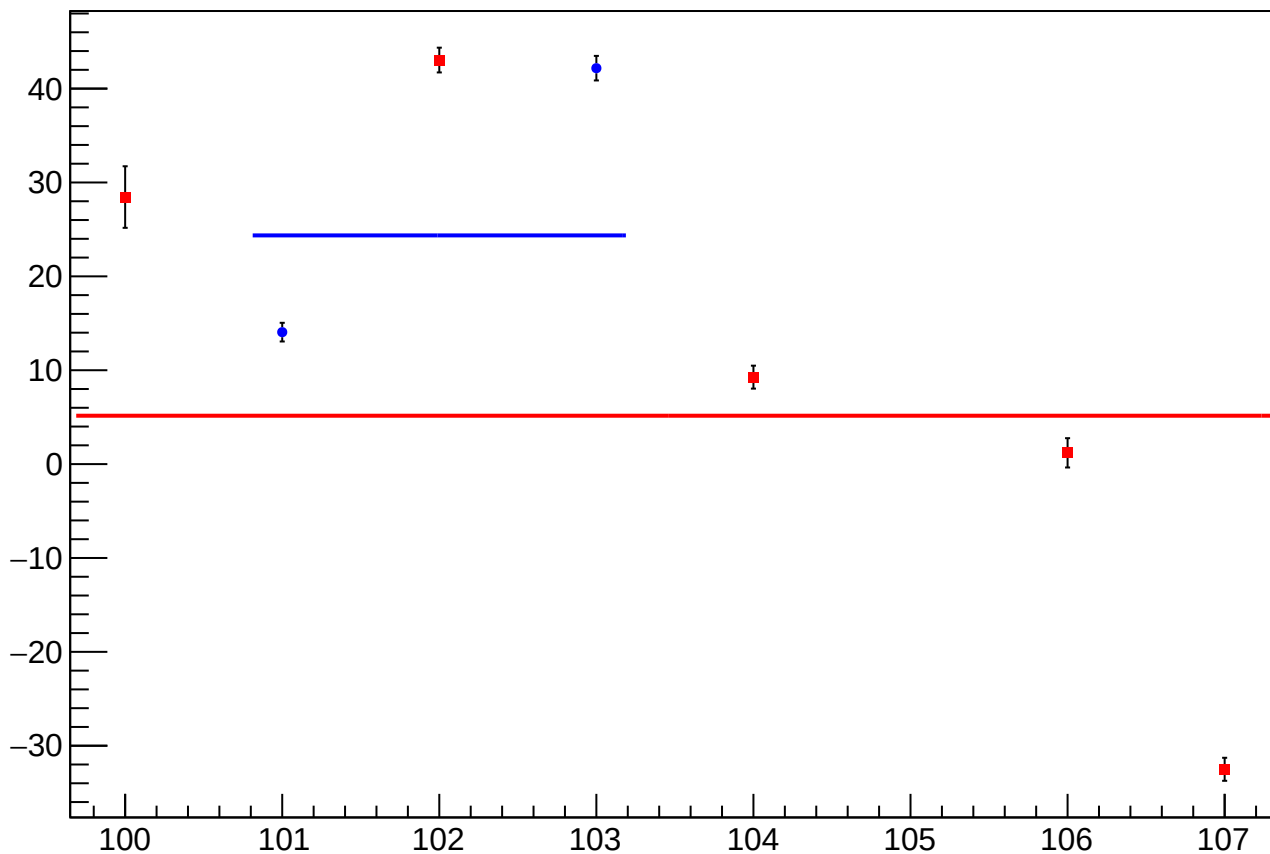
Right: -4.512+/-0.367 χ^2/NDF : 126.2/6

In: -4.769+/-0.551 χ^2/NDF : 0.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.512+/-0.367 χ^2/NDF : 126.2/6

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 24.363+/-0.792 χ^2/NDF : 292.9/1

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

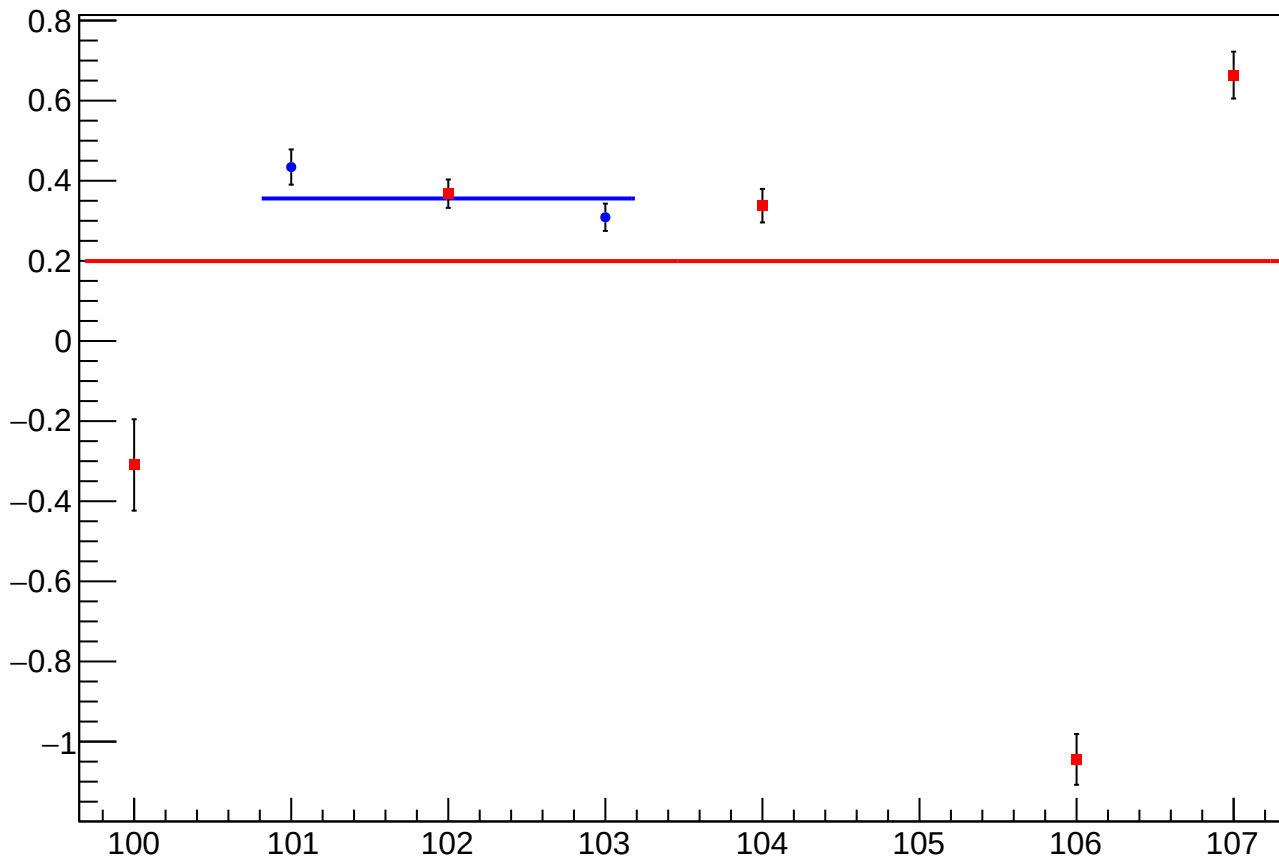
Right: 12.801+/-0.500 χ^2/NDF : 2483.8/6

In: 24.363+/-0.792 χ^2/NDF : 292.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.801+/-0.500 χ^2/NDF : 2483.8/6

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.356+/-0.027 χ^2/NDF : 5.1/1

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

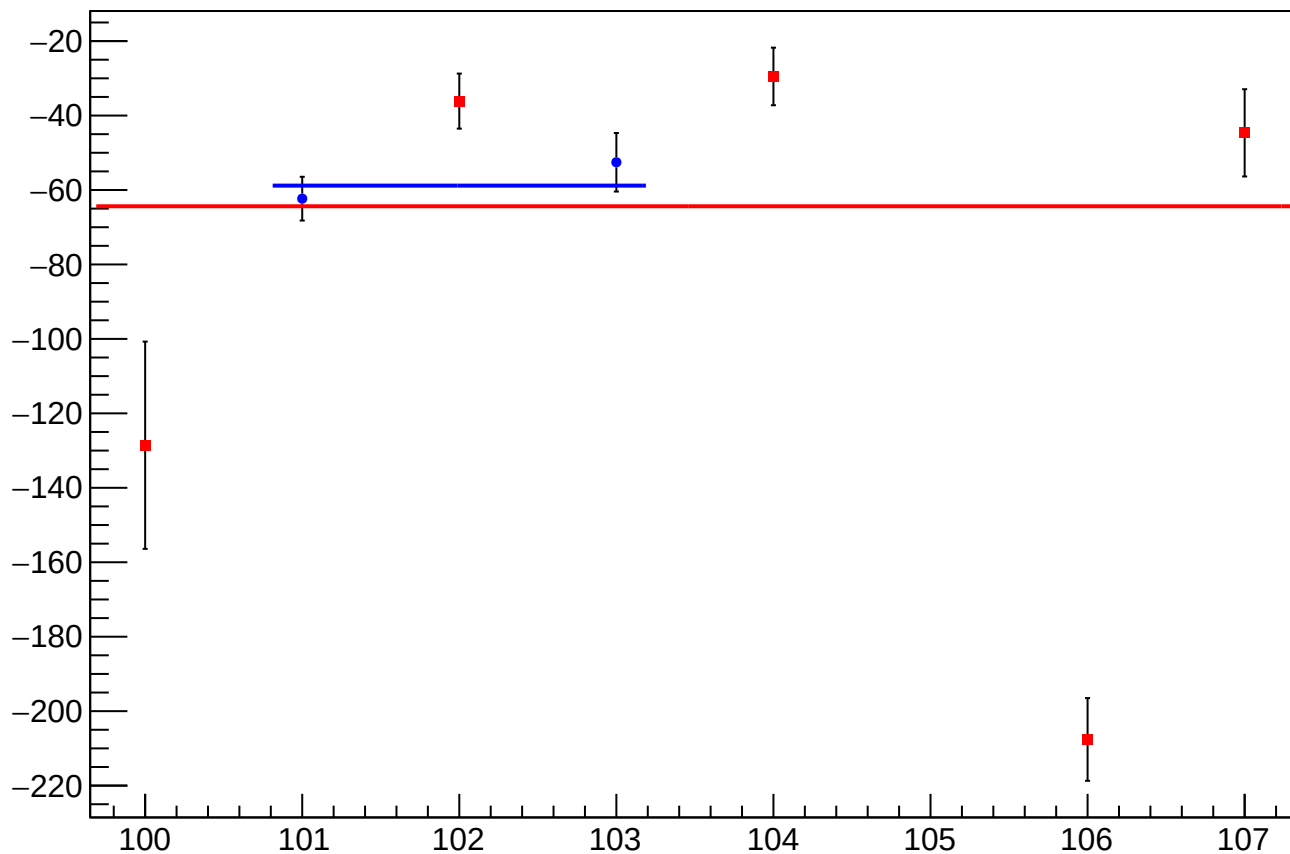
Right: 0.264+/-0.017 χ^2/NDF : 526.4/6

In: 0.356+/-0.027 χ^2/NDF : 5.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.264+/-0.017 χ^2/NDF : 526.4/6

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -58.822 $\pm$ 4.709 χ^2 /NDF: 1.0/1

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

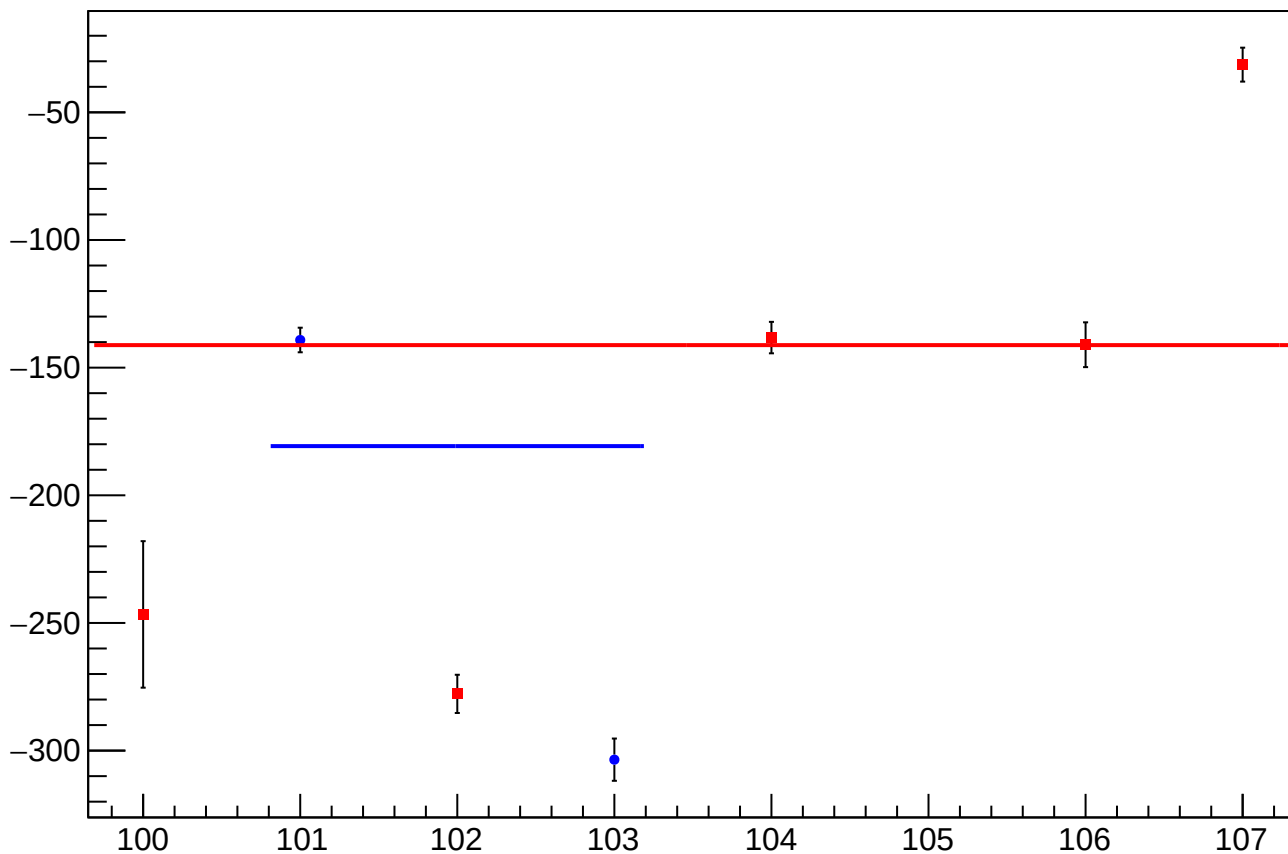
Right: -61.783 $\pm$ 3.215 χ^2 /NDF: 211.0/6

In: -58.822 $\pm$ 4.709 χ^2 /NDF: 1.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -61.783 $\pm$ 3.215 χ^2 /NDF: 211.0/6

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -180.733+/-4.161 χ^2/NDF : 294.8/1

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

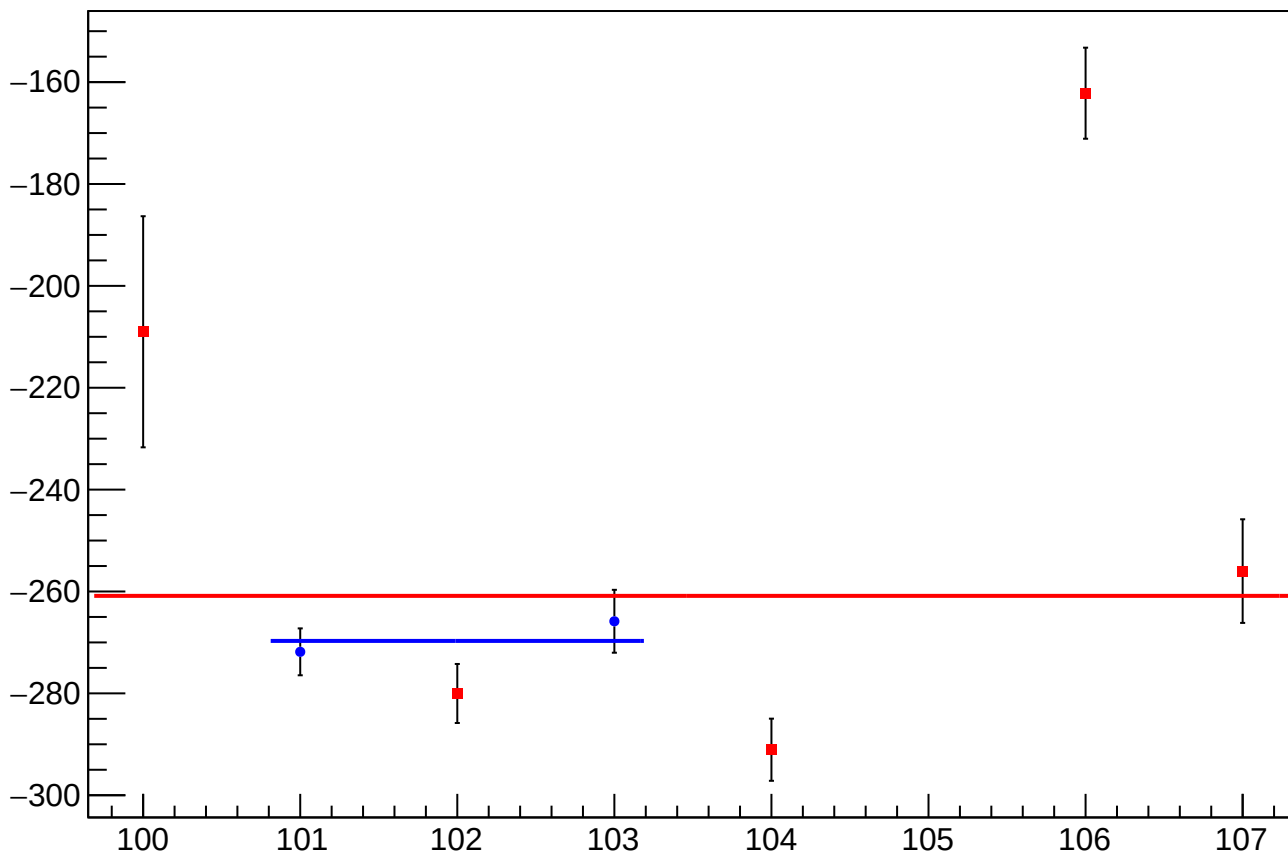
Right: -157.636+/-2.684 χ^2/NDF : 967.7/6

In: -180.733+/-4.161 χ^2/NDF : 294.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -157.636+/-2.684 χ^2/NDF : 967.7/6

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -269.704+/-3.690 χ^2/NDF : 0.6/1

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

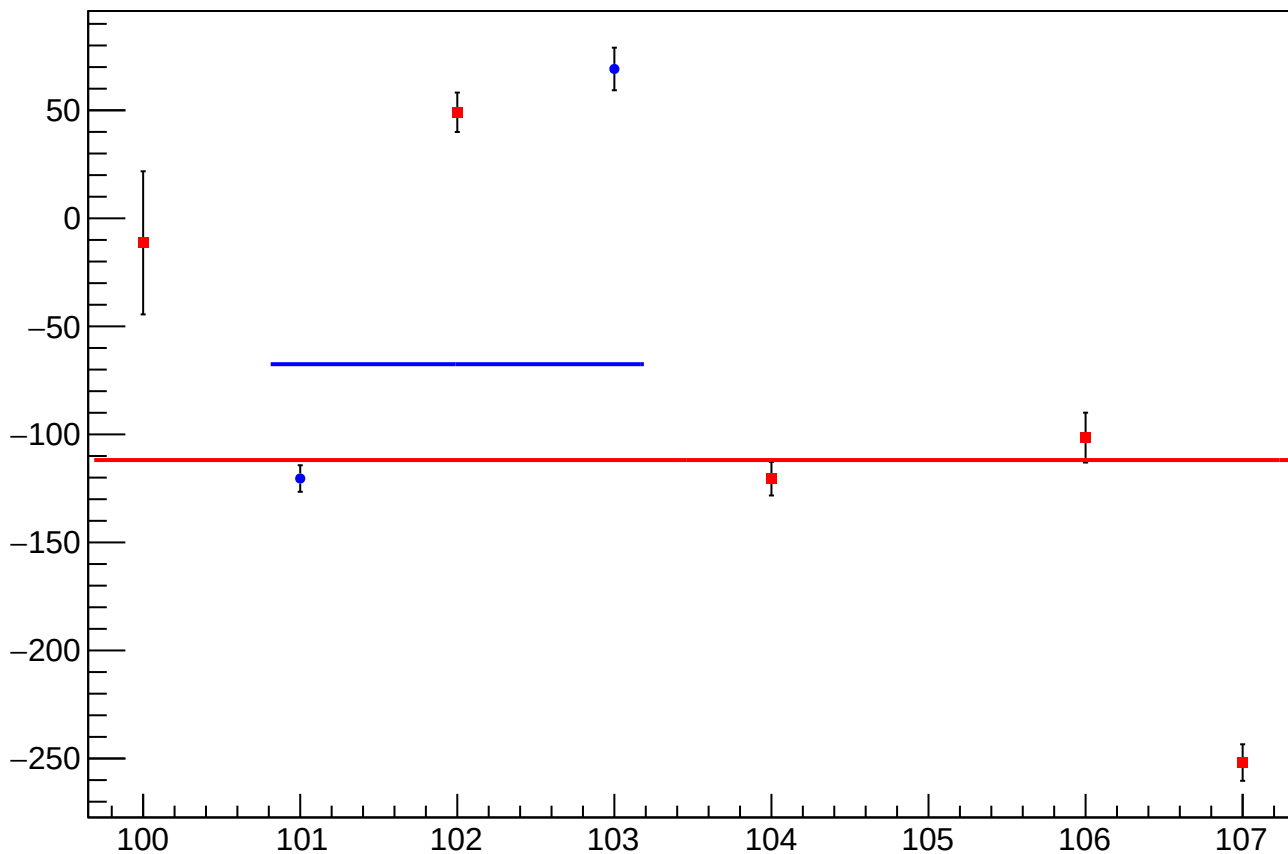
Right: -265.071+/-2.546 χ^2/NDF : 166.4/6

In: -269.704+/-3.690 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -265.071+/-2.546 χ^2/NDF : 166.4/6

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -67.504 $\pm$ 5.208 χ^2 /NDF: 266.5/1

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

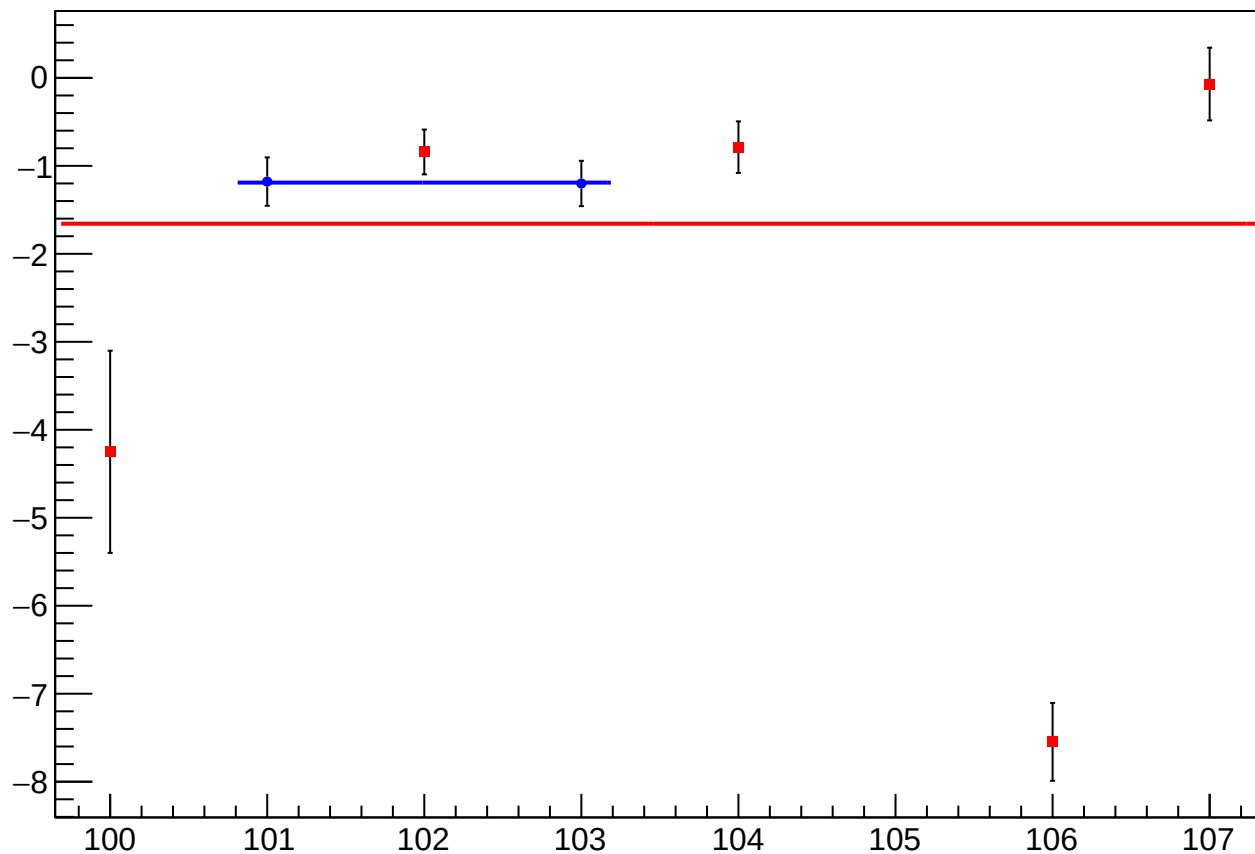
Right: -93.260 $\pm$ 3.373 χ^2 /NDF: 905.9/6

In: -67.504 $\pm$ 5.208 χ^2 /NDF:266.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -93.260 $\pm$ 3.373 χ^2 /NDF: 905.9/6

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.190+/-0.188 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.658+/-0.161 χ^2/NDF : 219.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

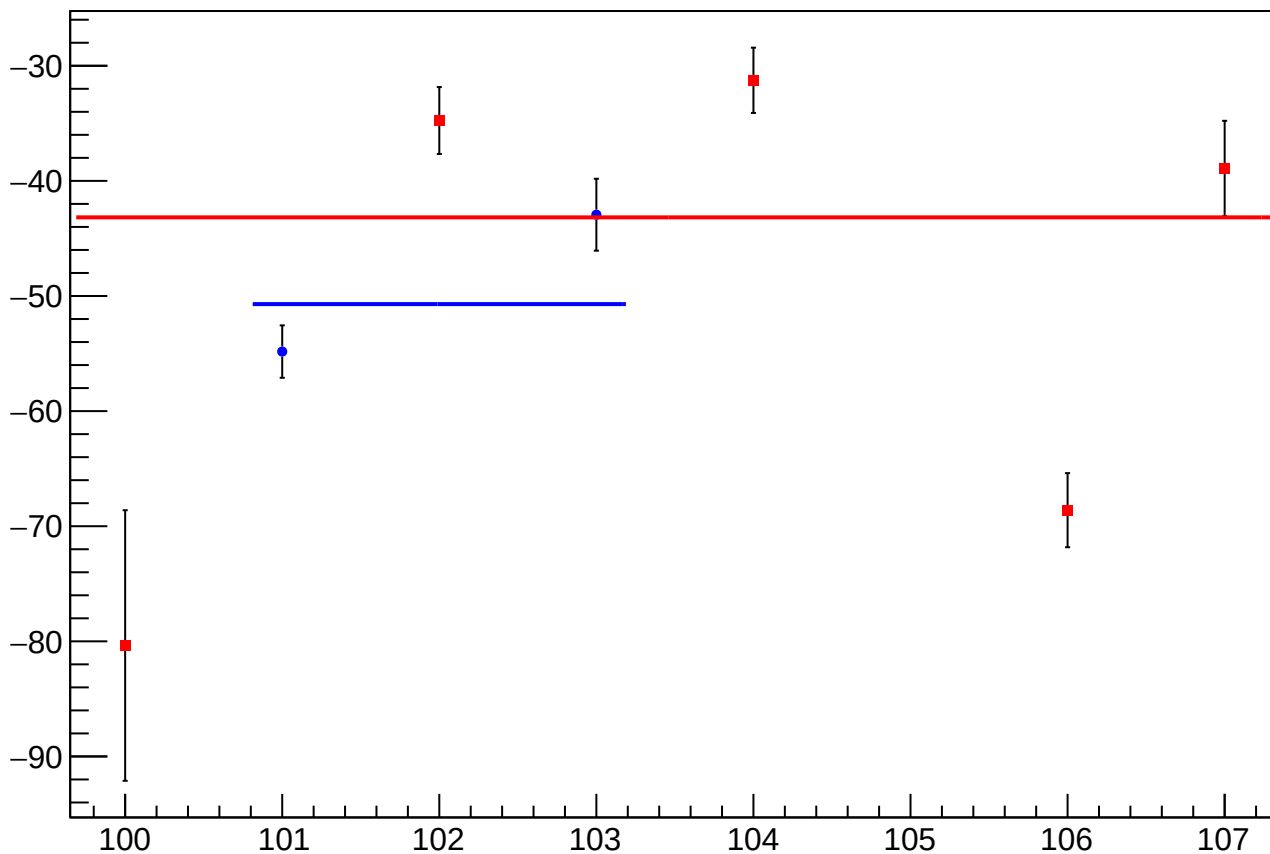
Right: -1.460+/-0.122 χ^2/NDF : 219.5/6

In: -1.190+/-0.188 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.460+/-0.122 χ^2/NDF : 219.5/6

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -50.704 $\pm$ 1.840 χ^2 /NDF: 9.5/1

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

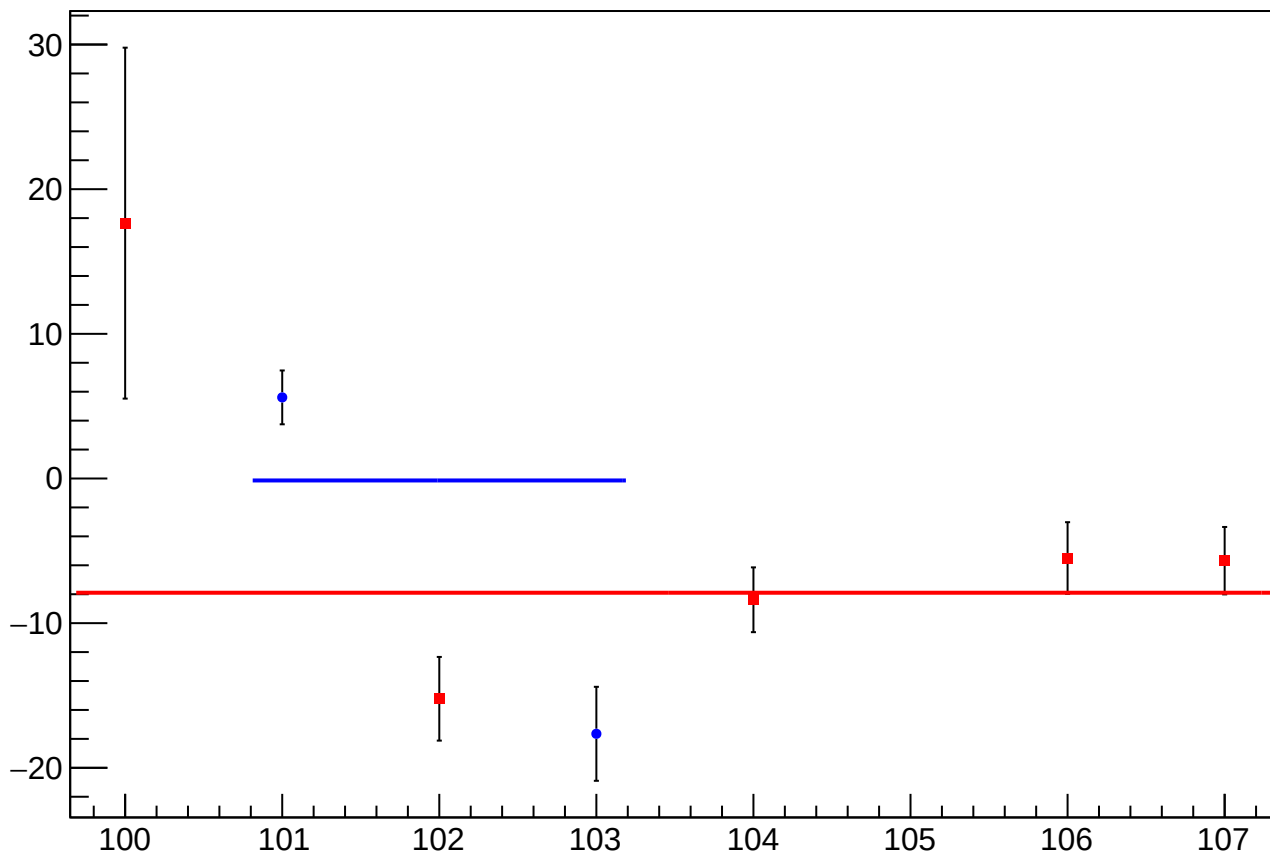
Right: -46.348 $\pm$ 1.195 χ^2 /NDF: 118.7/6

In: -50.704 $\pm$ 1.840 χ^2 /NDF: 9.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -46.348 $\pm$ 1.195 χ^2 /NDF: 118.7/6

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.135+/-1.614 χ^2/NDF : 38.6/1

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

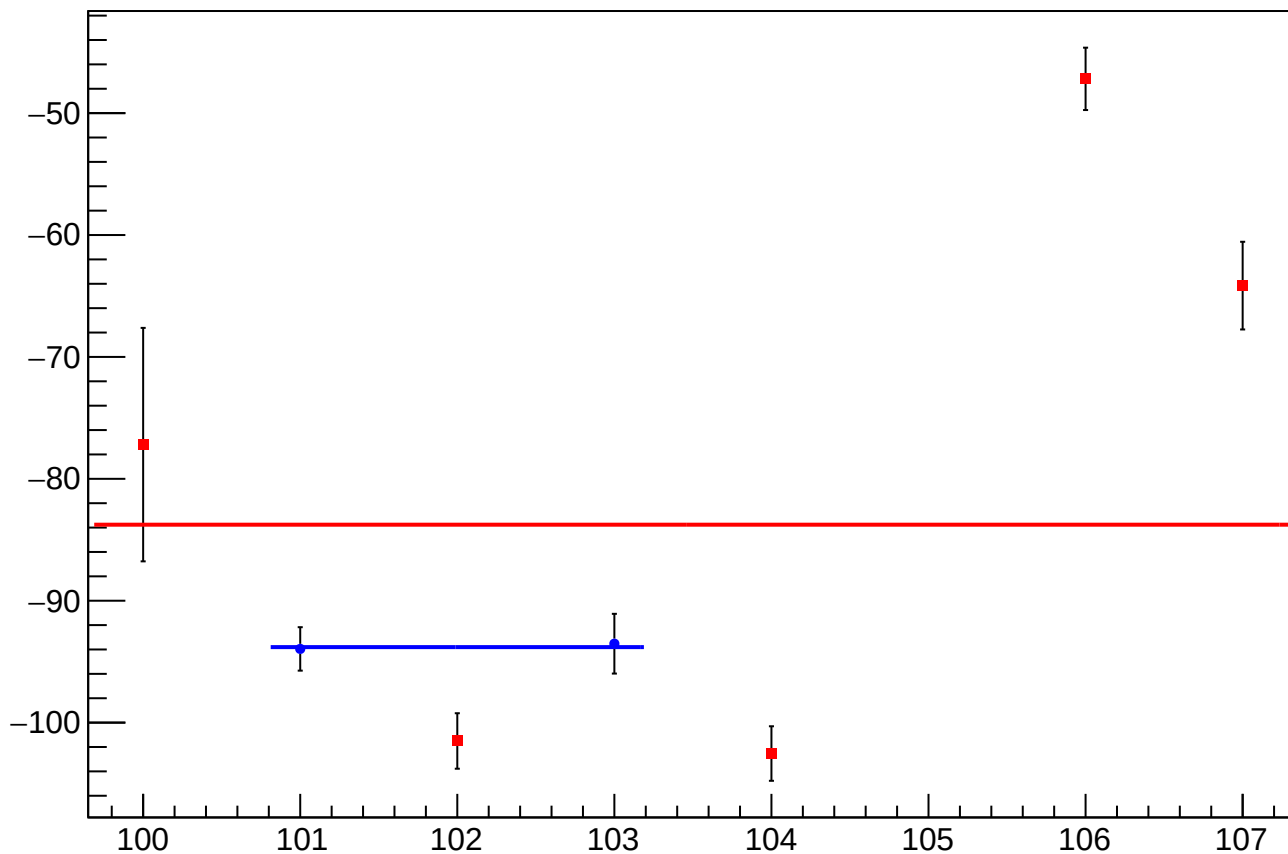
Right: -5.078+/-0.973 χ^2/NDF : 66.1/6

In: -0.135+/-1.614 χ^2/NDF : 38.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.078+/-0.973 χ^2/NDF : 66.1/6

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -93.806 $\pm$ 1.441 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -83.763 $\pm$ 1.256 χ^2 /NDF: 365.8/4

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

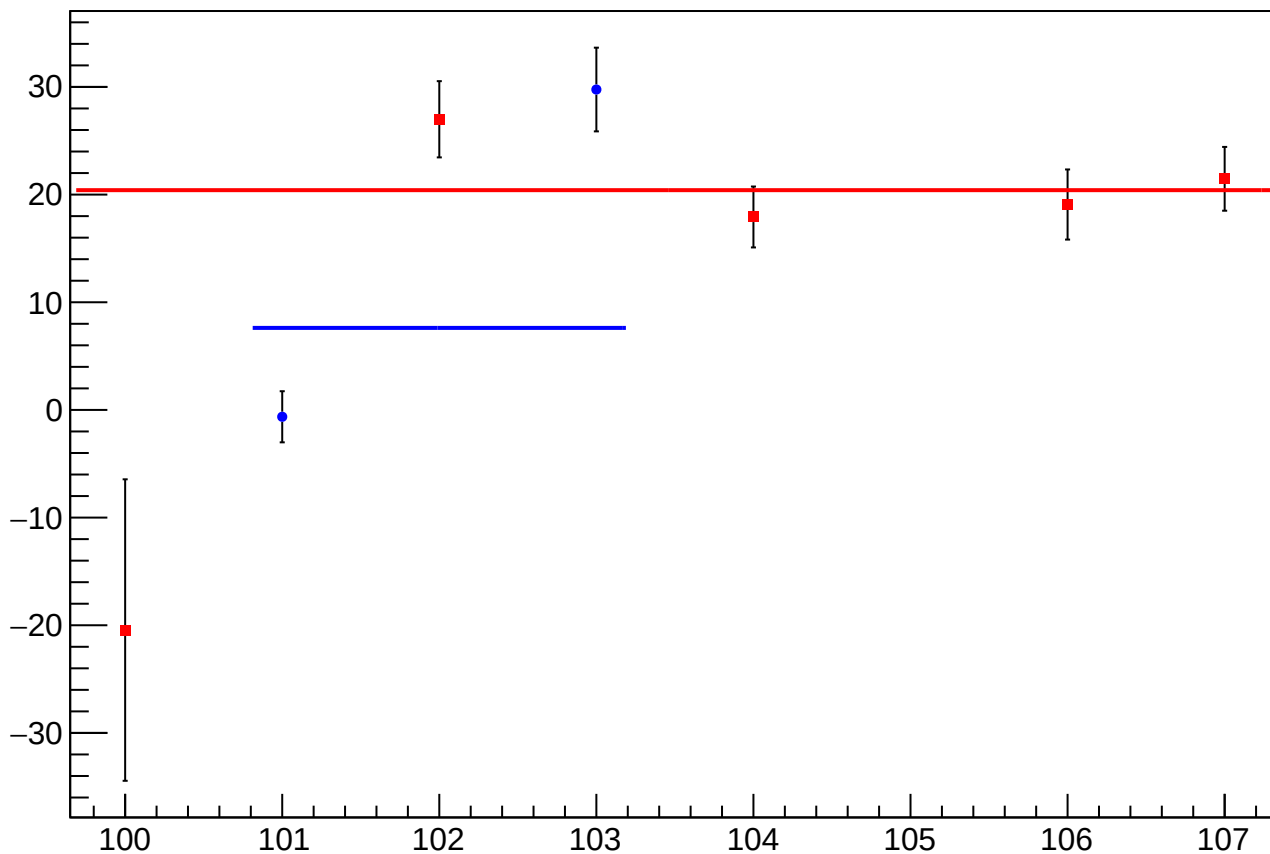
Right: -88.097 $\pm$ 0.947 χ^2 /NDF: 393.4/6

In: -93.806 $\pm$ 1.441 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -88.097 $\pm$ 0.947 χ^2 /NDF: 393.4/6

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.619+/-2.026 χ^2/NDF : 44.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.412+/-1.547 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

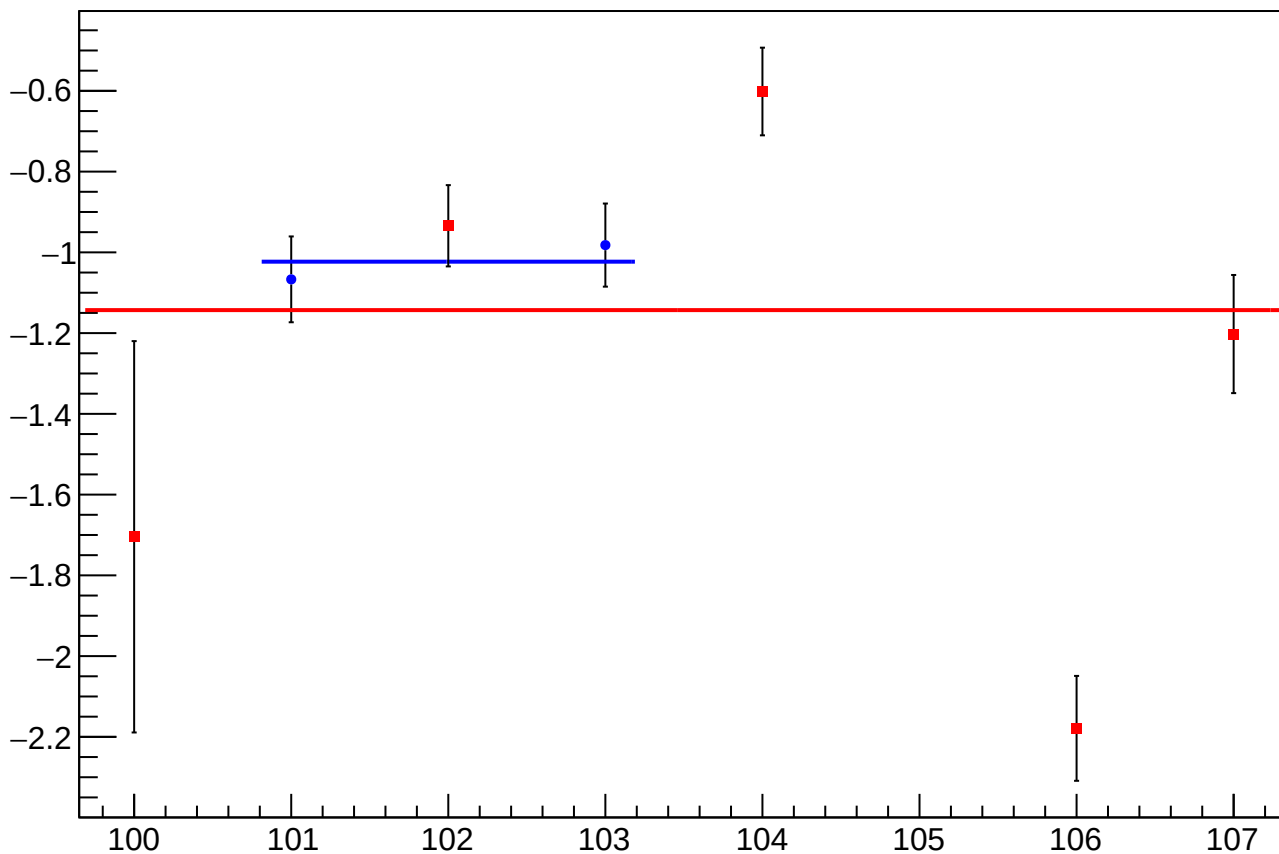
Right: 15.701+/-1.229 χ^2/NDF : 82.8/6

In: 7.619+/-2.026 χ^2/NDF : 44.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.701+/-1.229 χ^2/NDF : 82.8/6

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.023 ± 0.074 χ^2/NDF : 0.3/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.143 ± 0.058 χ^2/NDF : 94.3/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

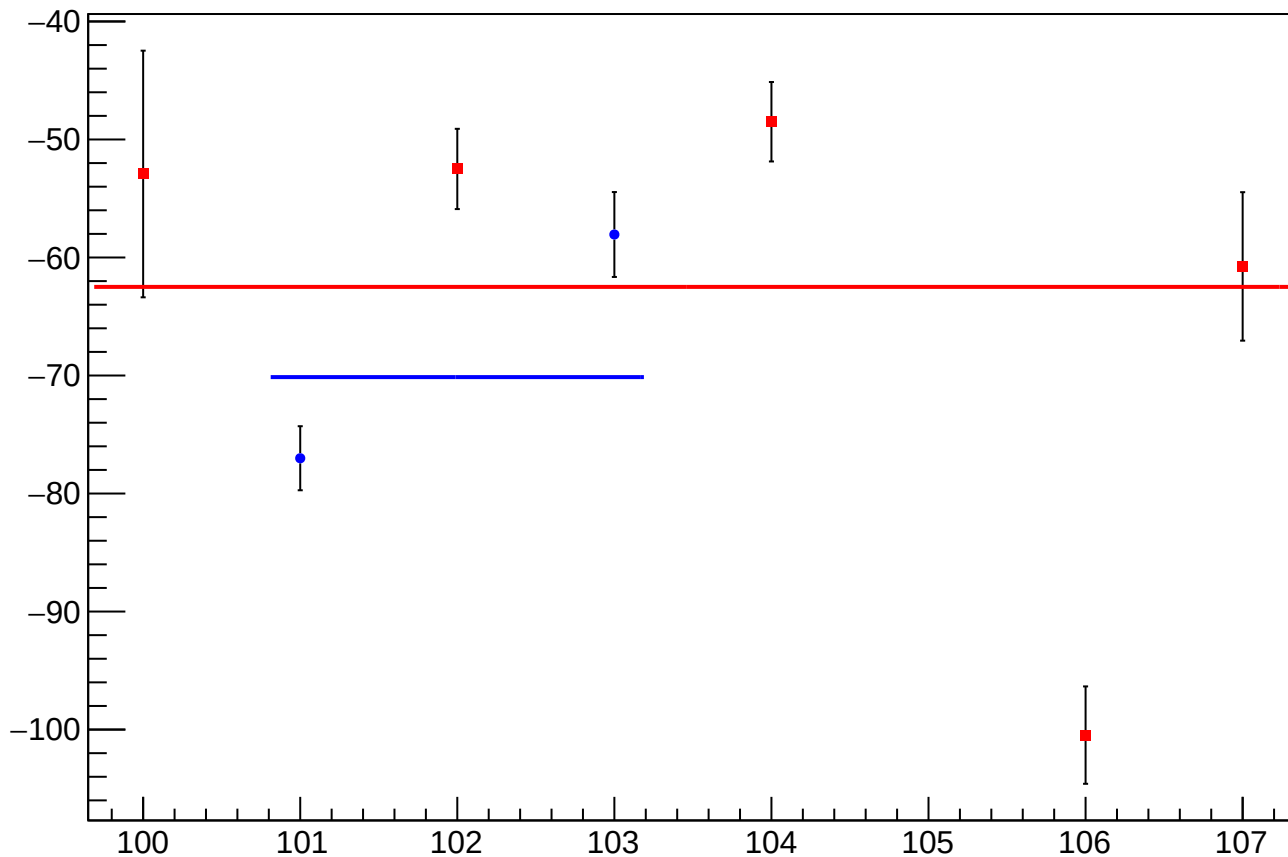
Right: -1.097 ± 0.046 χ^2/NDF : 96.2/6

In: -1.023 ± 0.074 χ^2/NDF : 0.3/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.097 ± 0.046 χ^2/NDF : 96.2/6

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -70.134 $\pm$ 2.166 χ^2 /NDF: 17.7/1

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

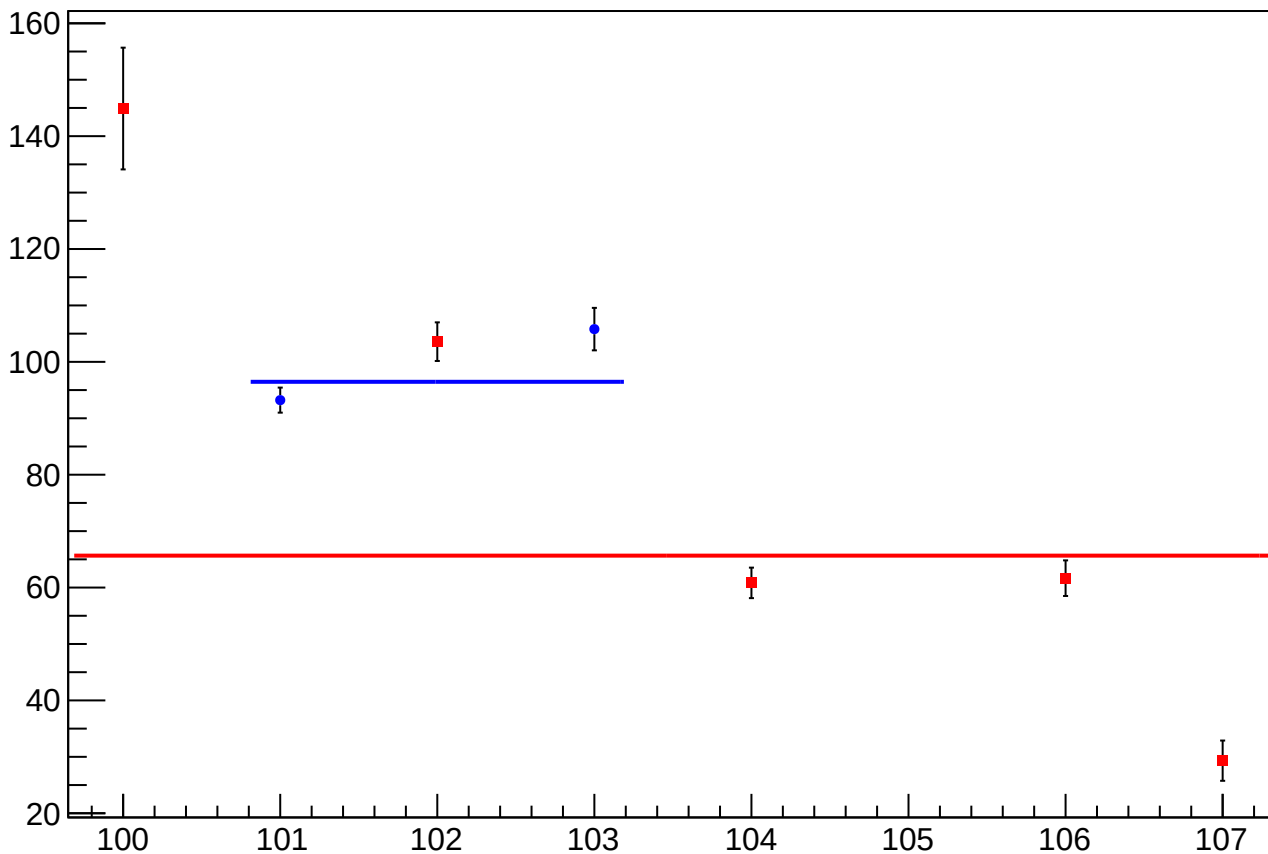
Right: -65.877 $\pm$ 1.442 χ^2 /NDF: 136.2/6

In: -70.134 $\pm$ 2.166 χ^2 /NDF: 17.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -65.877 $\pm$ 1.442 χ^2 /NDF: 136.2/6

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 96.465+/-1.912 χ^2/NDF : 8.3/1

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

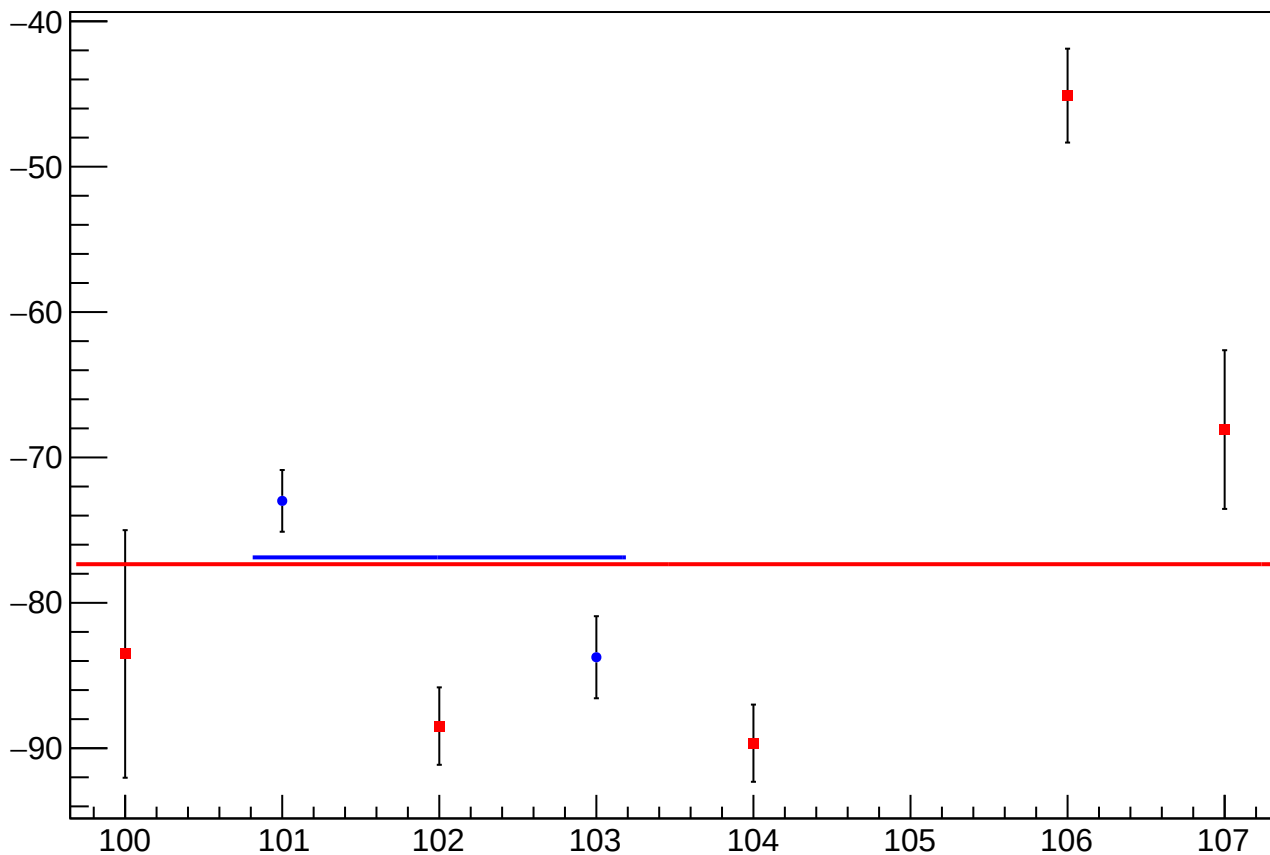
Right: 77.987+/-1.210 χ^2/NDF : 449.4/6

In: 96.465+/-1.912 χ^2/NDF : 8.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.987+/-1.210 χ^2/NDF : 449.4/6

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.873+/-1.697 χ^2/NDF : 9.3/1

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

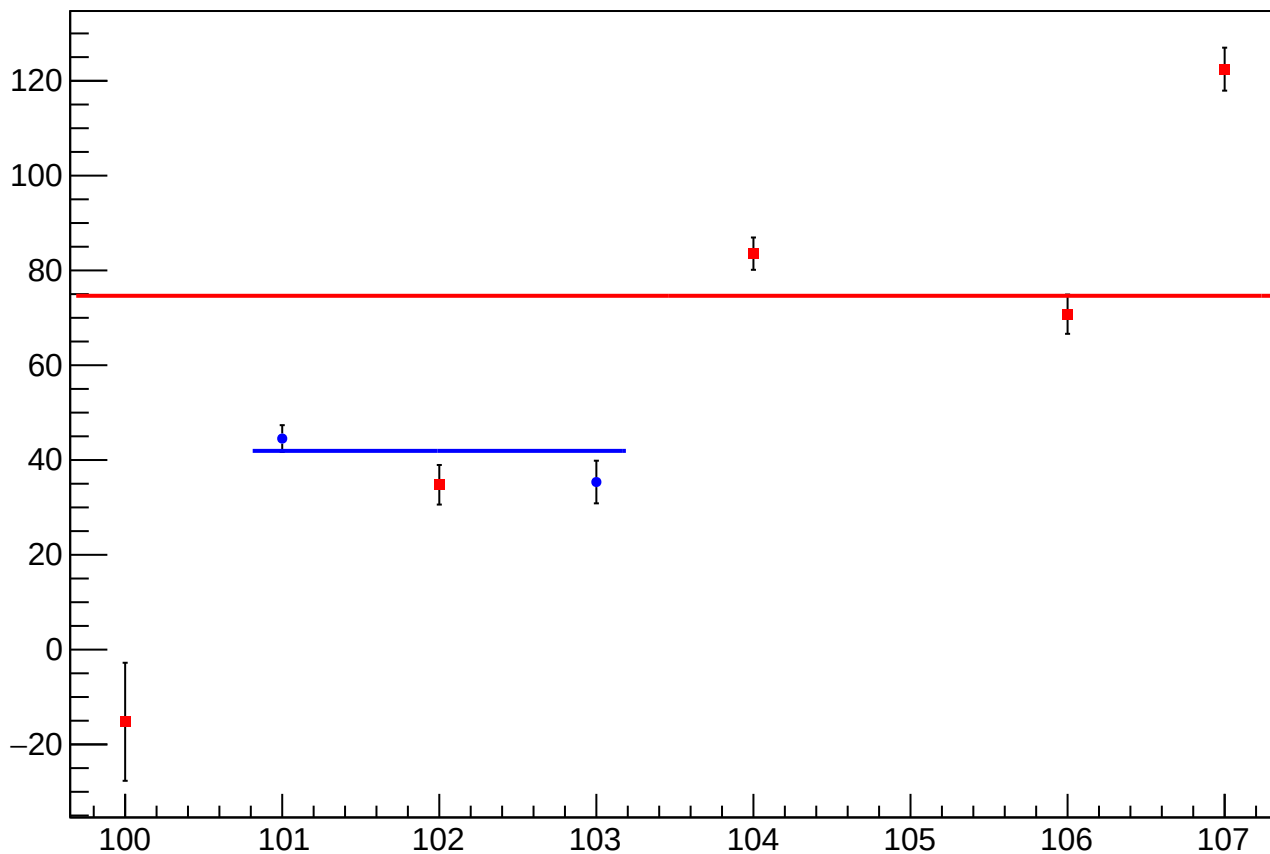
Right: -77.132+/-1.137 χ^2/NDF : 151.3/6

In: -76.873+/-1.697 χ^2/NDF : 9.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -77.132+/-1.137 χ^2/NDF : 151.3/6

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.930+/-2.394 χ^2/NDF : 3.0/1

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

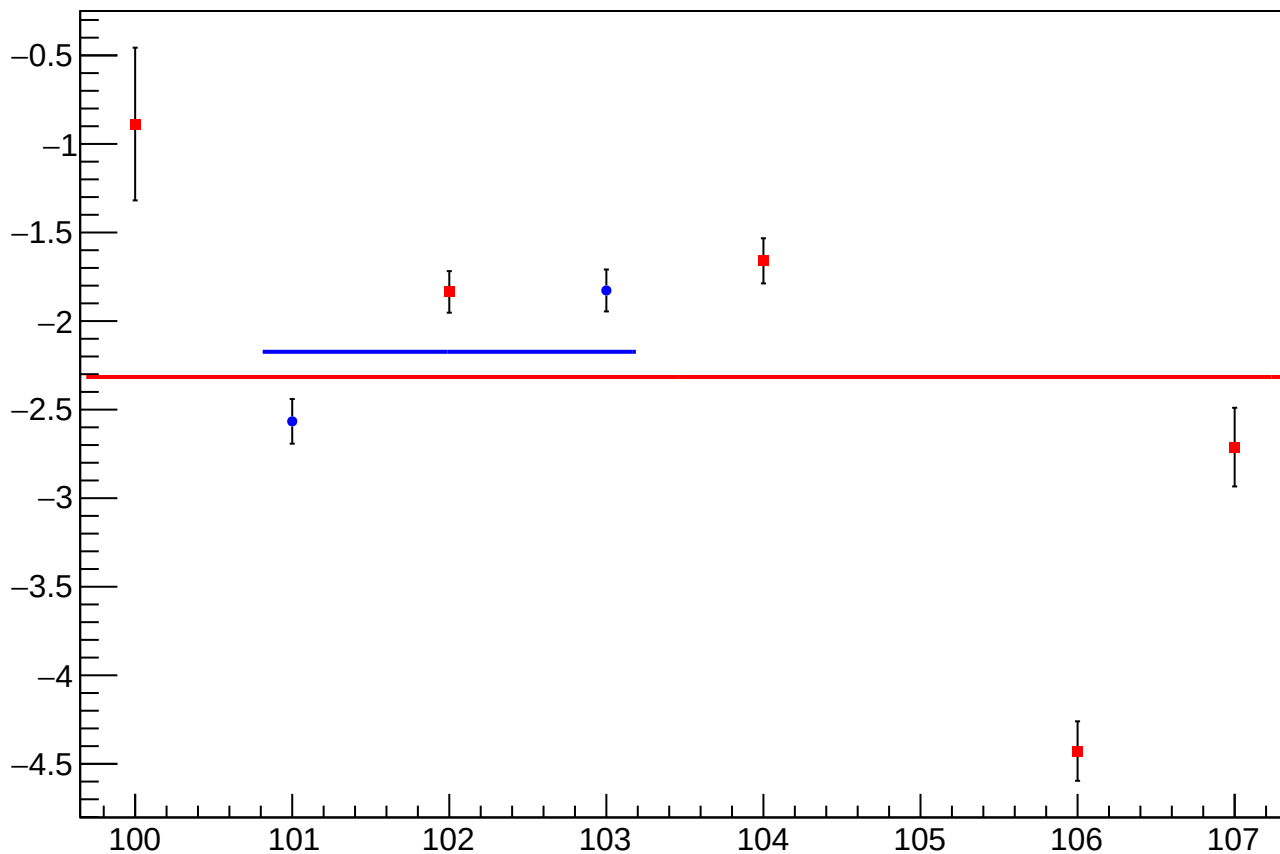
Right: 61.410+/-1.523 χ^2/NDF : 376.3/6

In: 41.930+/-2.394 χ^2/NDF : 3.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.410+/-1.523 χ^2/NDF : 376.3/6

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -2.174+/-0.086 χ^2/NDF : 18.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.316+/-0.072 χ^2/NDF : 215.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

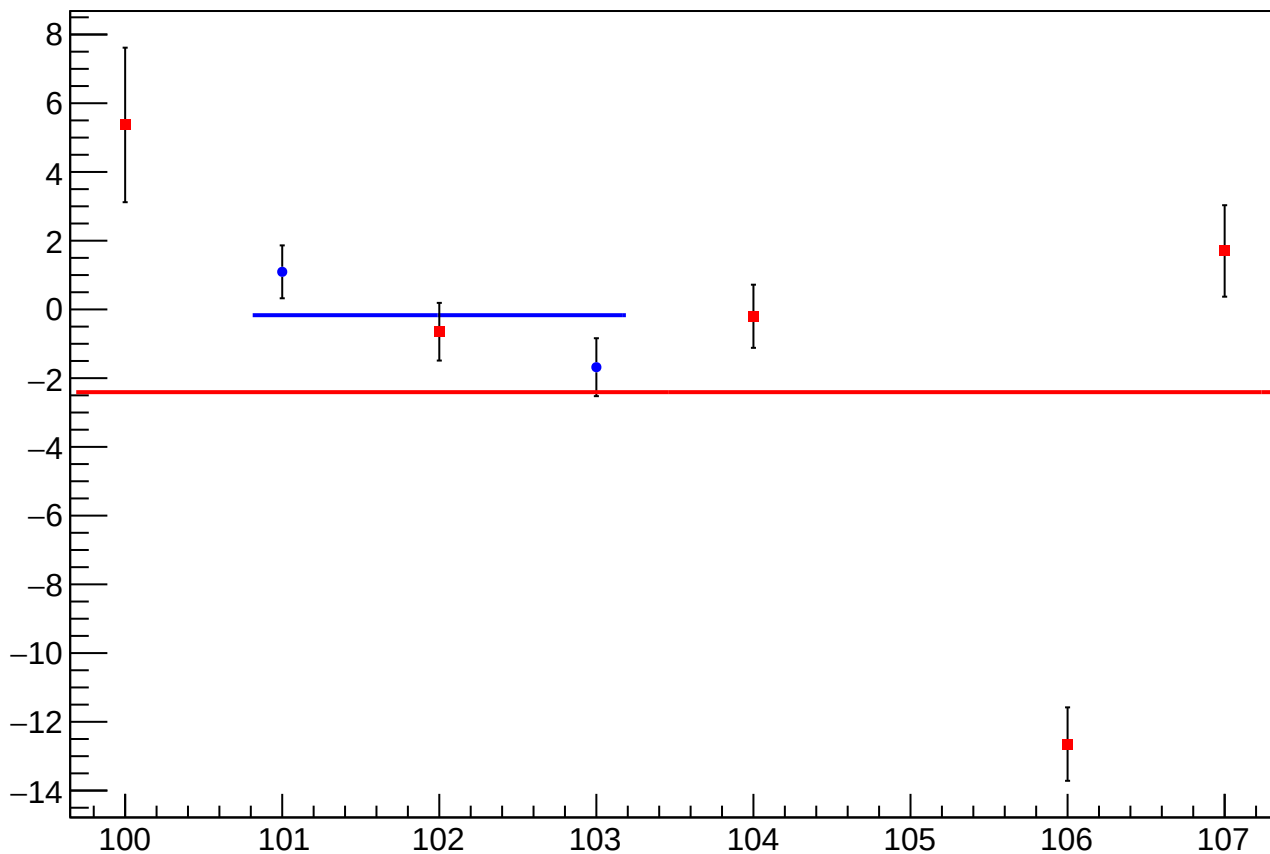
Right: -2.258+/-0.055 χ^2/NDF : 235.5/6

In: -2.174+/-0.086 χ^2/NDF : 18.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.258+/-0.055 χ^2/NDF : 235.5/6

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.168+/-0.568 χ^2/NDF : 5.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.407+/-0.485 χ^2/NDF : 123.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

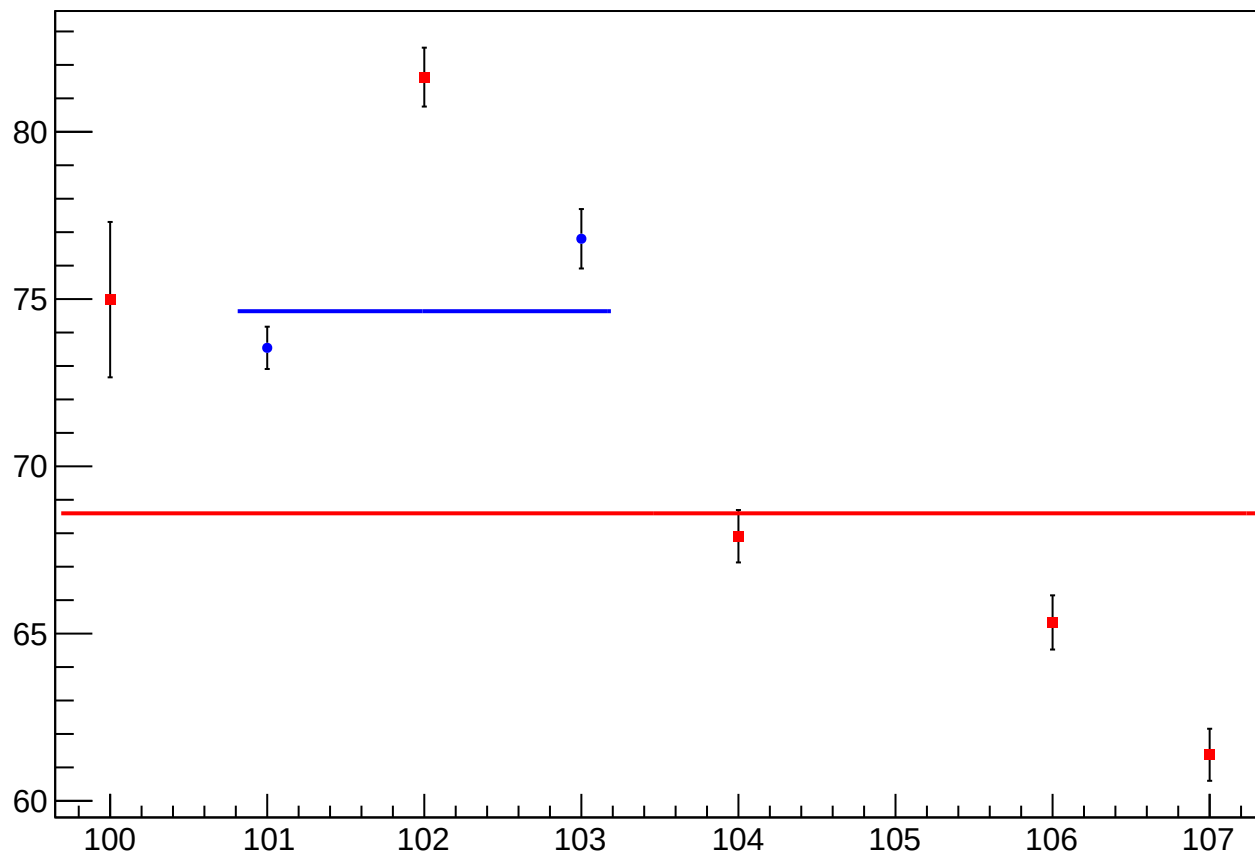
Right: -1.462+/-0.369 χ^2/NDF : 138.4/6

In: -0.168+/-0.568 χ^2/NDF : 5.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.462+/-0.369 χ^2/NDF : 138.4/6

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 74.638+/-0.515 χ^2/NDF : 8.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.595+/-0.399 χ^2/NDF : 330.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

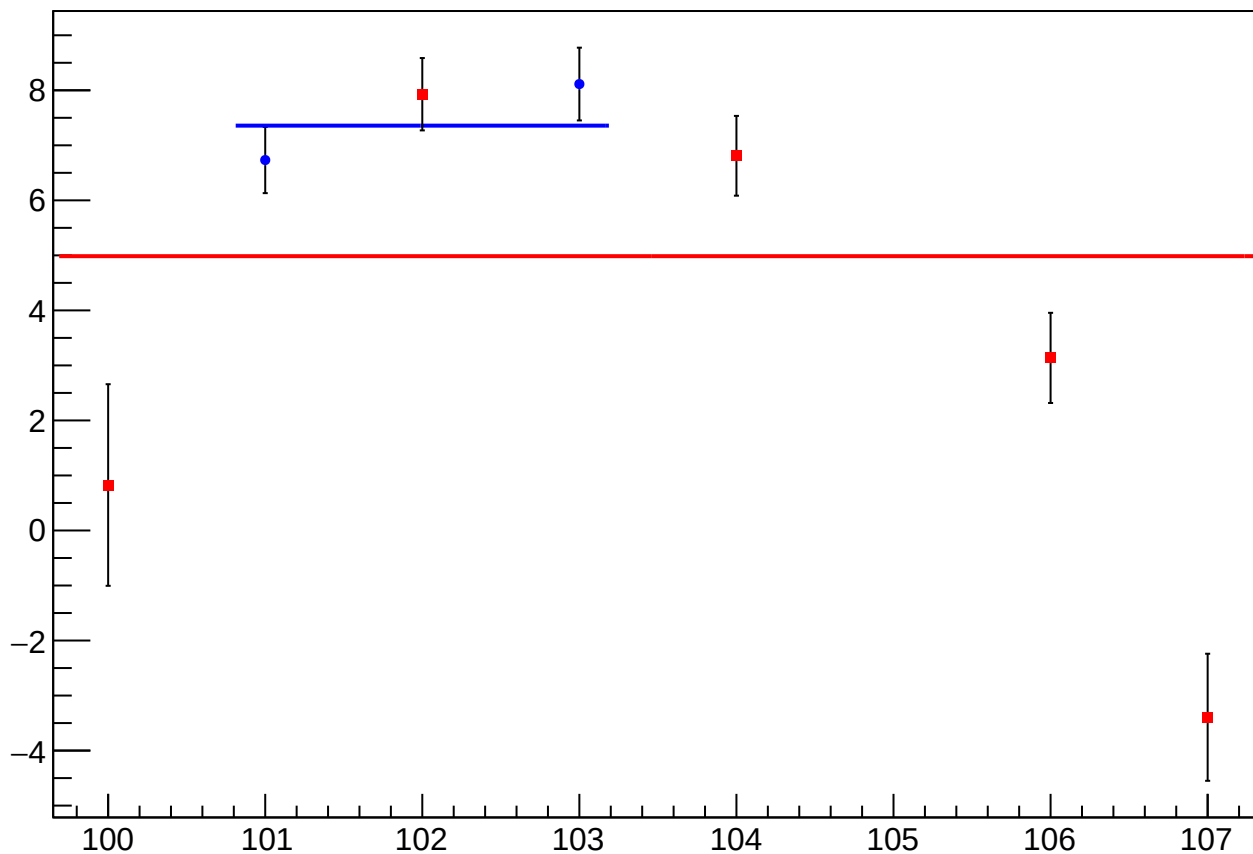
Right: 70.862+/-0.315 χ^2/NDF : 425.1/6

In: 74.638+/-0.515 χ^2/NDF : 8.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.862+/-0.315 χ^2/NDF : 425.1/6

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.358 $\pm$ 0.445 χ^2 /NDF: 2.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.985 $\pm$ 0.385 χ^2 /NDF: 89.3/4

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

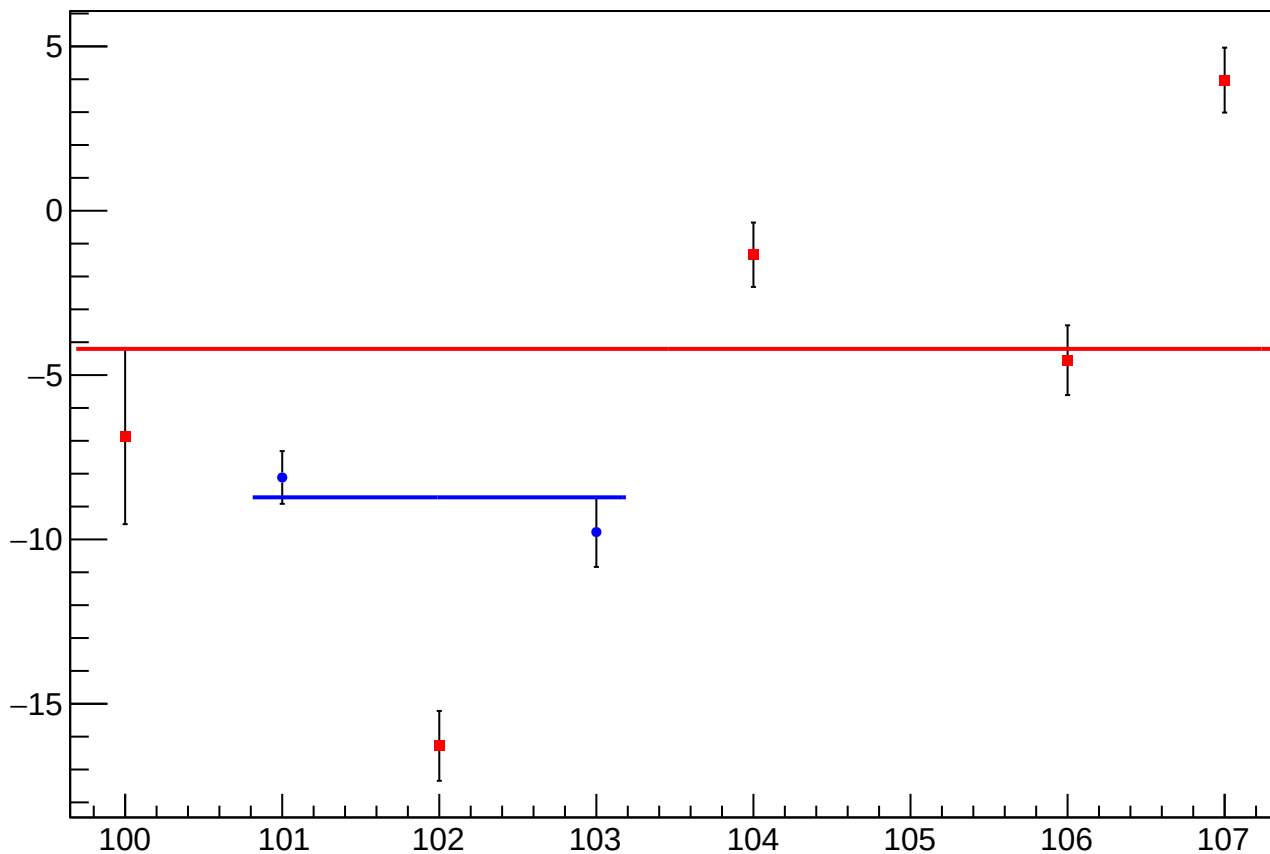
Right: 6.000 $\pm$ 0.291 χ^2 /NDF: 107.9/6

In: 7.358 $\pm$ 0.445 χ^2 /NDF: 2.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.000 $\pm$ 0.291 χ^2 /NDF: 107.9/6

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -8.719+/-0.640 χ^2/NDF : 1.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.203+/-0.501 χ^2/NDF : 207.5/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

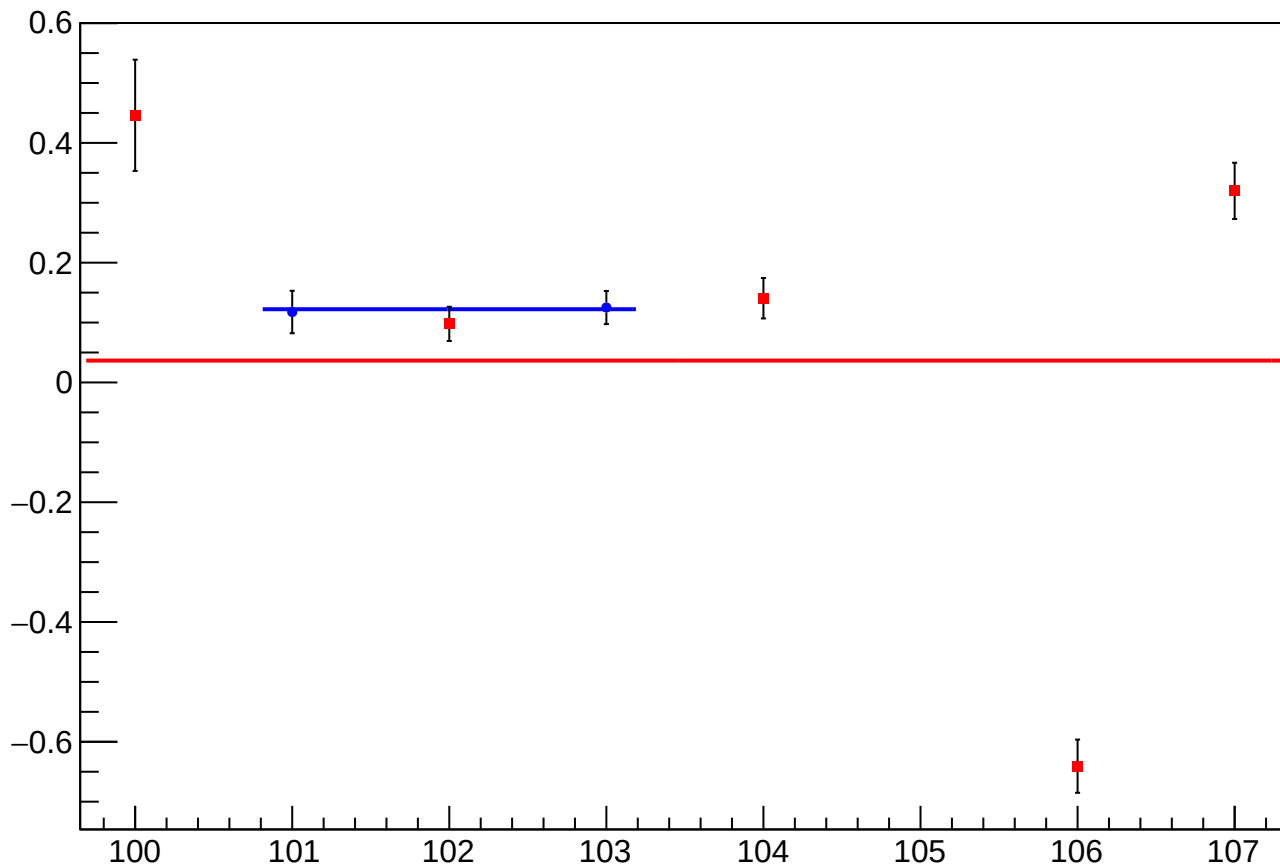
Right: -5.920+/-0.394 χ^2/NDF : 239.9/6

In: -8.719+/-0.640 χ^2/NDF : 1.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.920+/-0.394 χ^2/NDF : 239.9/6

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.122+/-0.022 χ^2/NDF : 0.0/1

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

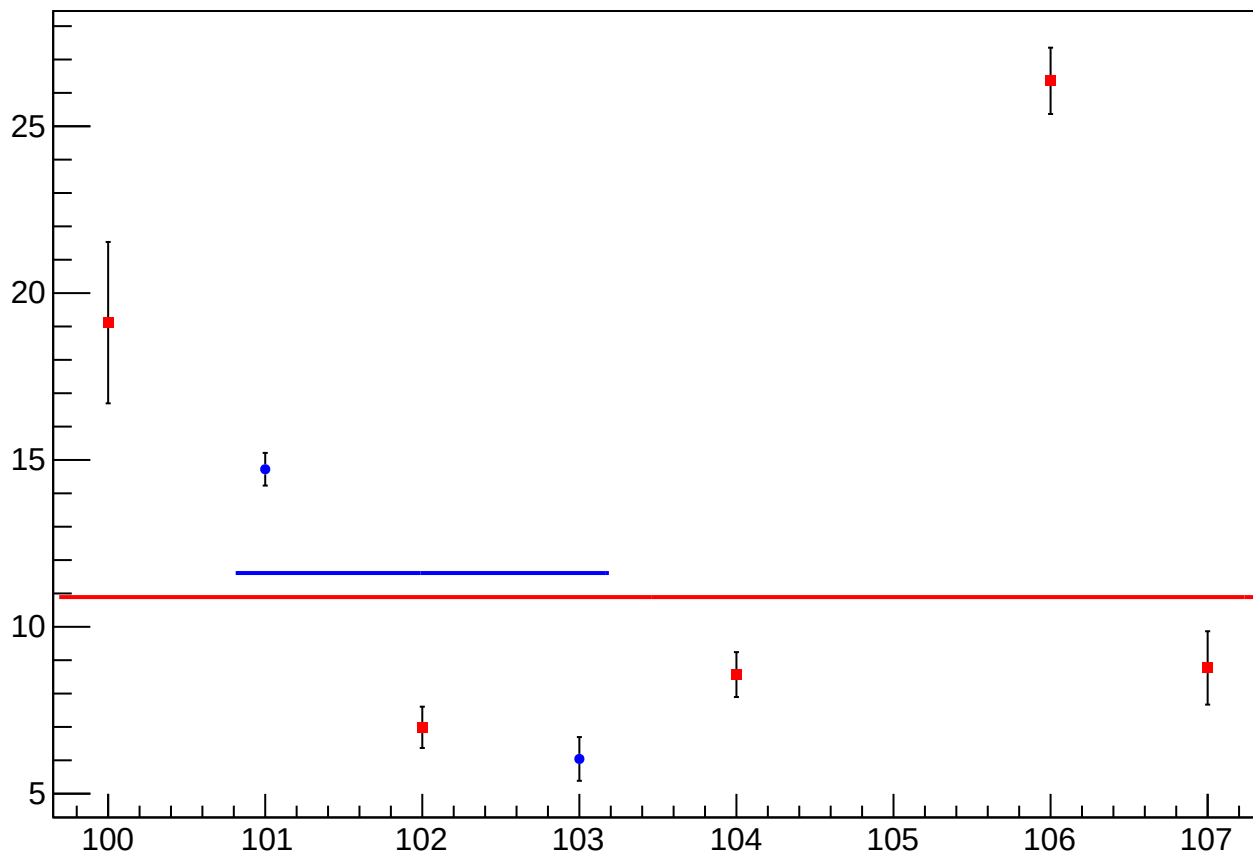
Right: 0.071+/-0.014 χ^2/NDF : 311.5/6

In: 0.122+/-0.022 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.071+/-0.014 χ^2/NDF : 311.5/6

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 11.612 $\pm$ 0.392 χ^2 /NDF: 112.7/1

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

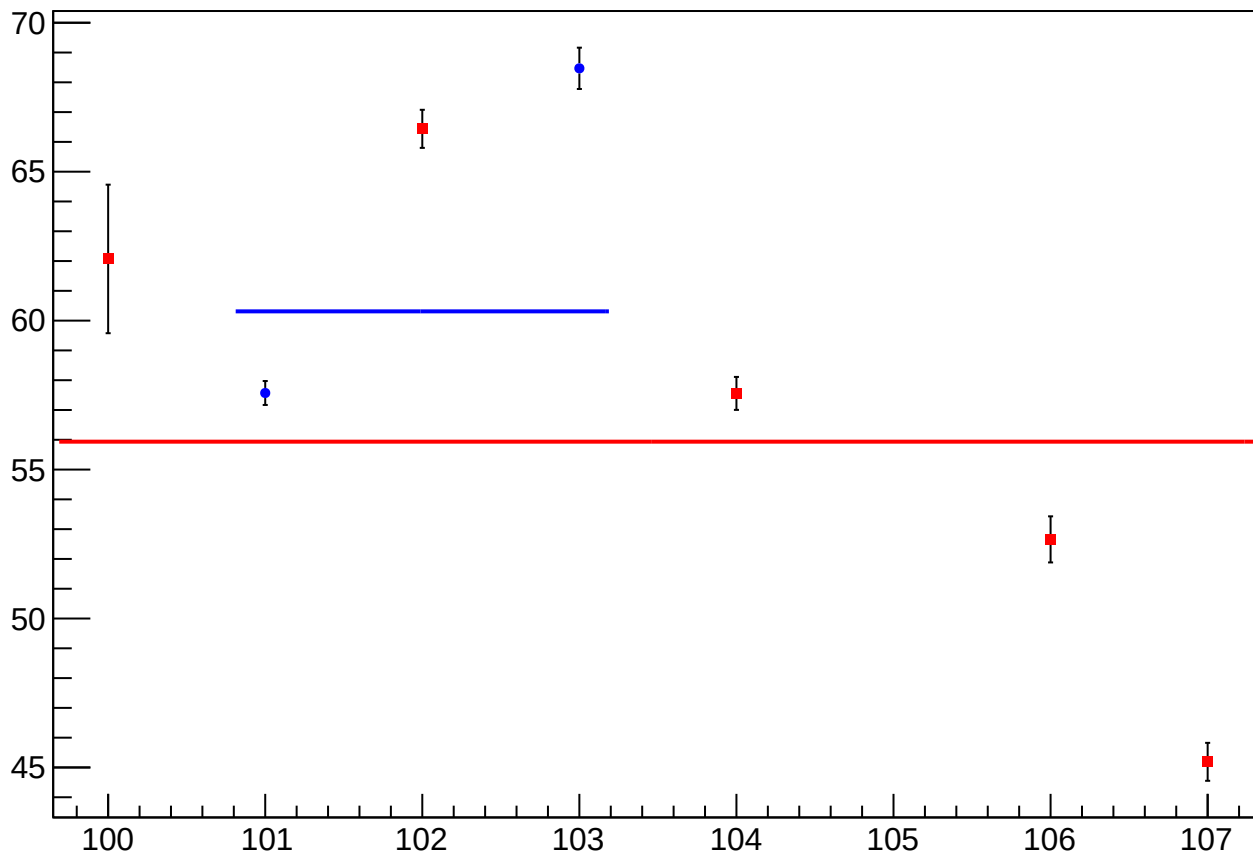
Right: 11.243 $\pm$ 0.274 χ^2 /NDF: 423.7/6

In: 11.612 $\pm$ 0.392 χ^2 /NDF: 112.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.243 $\pm$ 0.274 χ^2 /NDF: 423.7/6

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.311+/-0.348 χ^2/NDF : 185.0/1

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

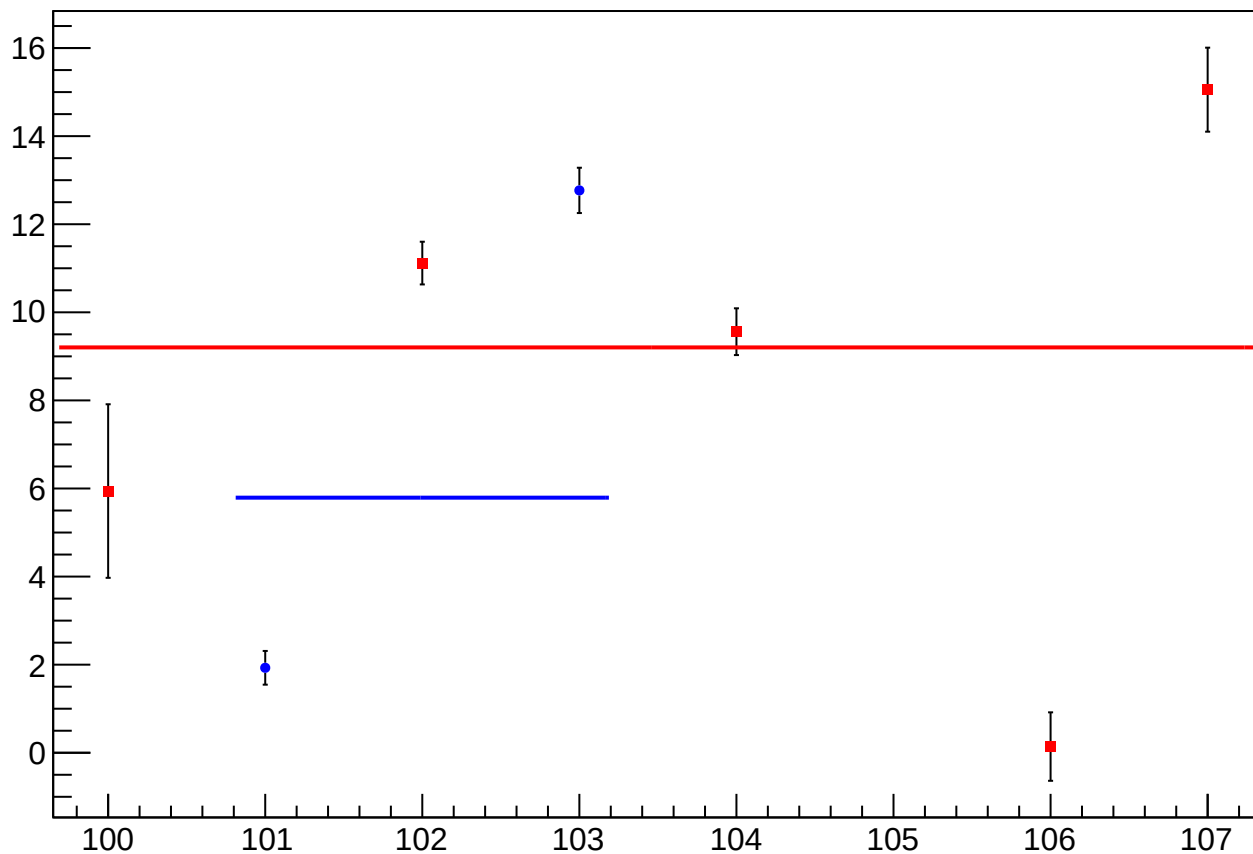
Right: 57.916+/-0.234 χ^2/NDF : 858.9/6

In: 60.311+/-0.348 χ^2/NDF : 185.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.916+/-0.234 χ^2/NDF : 858.9/6

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.792 $\pm$ 0.307 χ^2 /NDF: 285.8/1

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

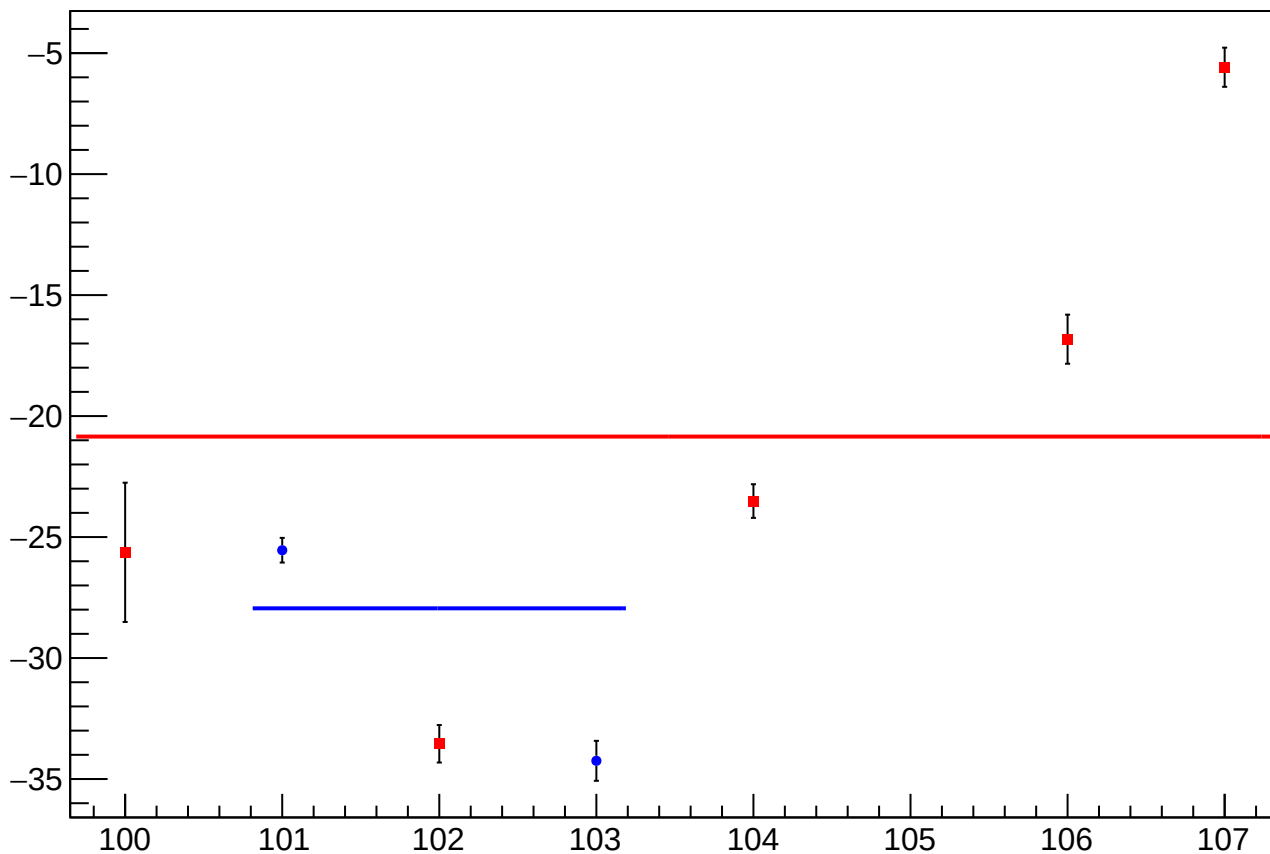
Right: 7.514 $\pm$ 0.216 χ^2 /NDF: 540.6/6

In: 5.792 $\pm$ 0.307 χ^2 /NDF: 285.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.514 $\pm$ 0.216 χ^2 /NDF: 540.6/6

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -27.945 $\pm$ 0.434 χ^2 /NDF: 80.5/1

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

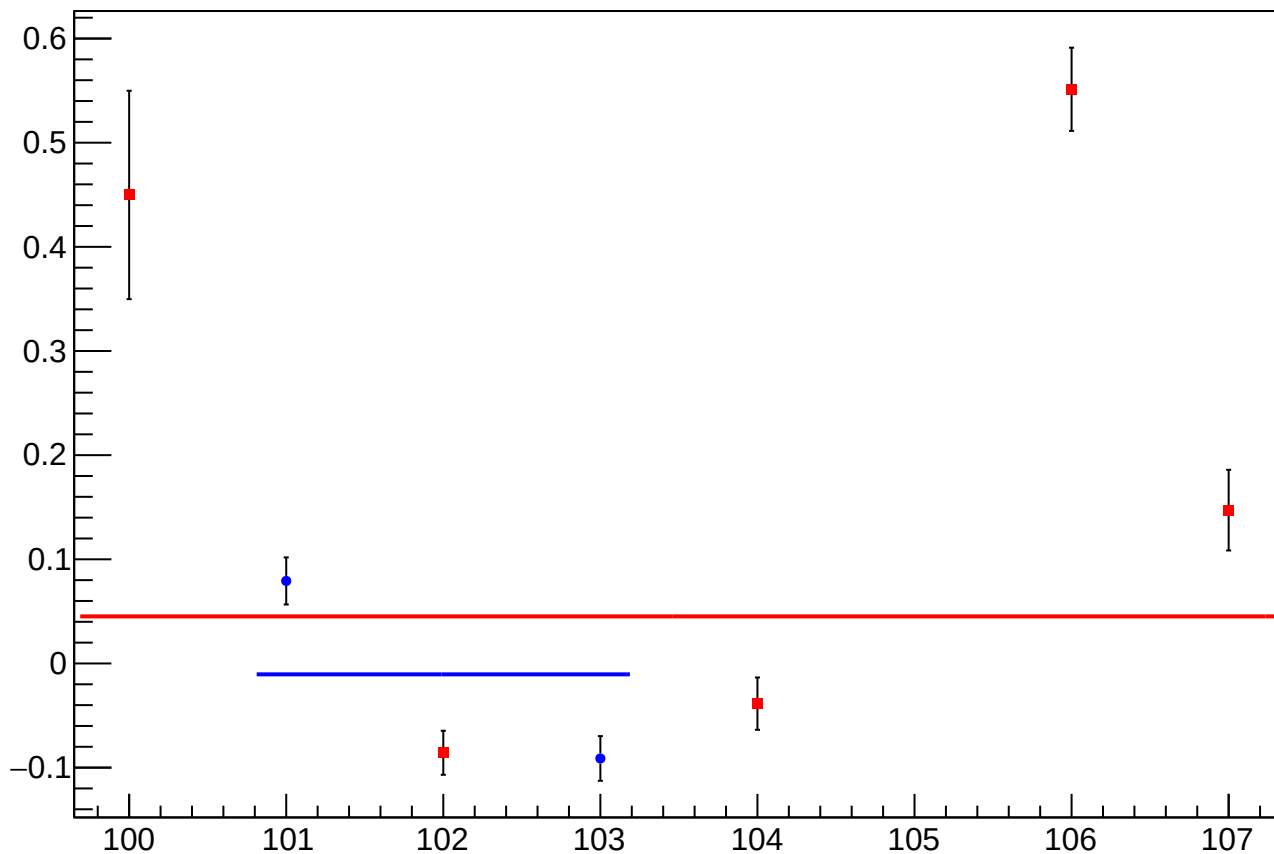
Right: -24.080 $\pm$ 0.293 χ^2 /NDF: 884.3/6

In: -27.945 $\pm$ 0.434 χ^2 /NDF:80.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -24.080 $\pm$ 0.293 χ^2 /NDF: 884.3/6

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.016 χ^2 /NDF: 29.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.045 $\pm$ 0.014 χ^2 /NDF: 233.3/4

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

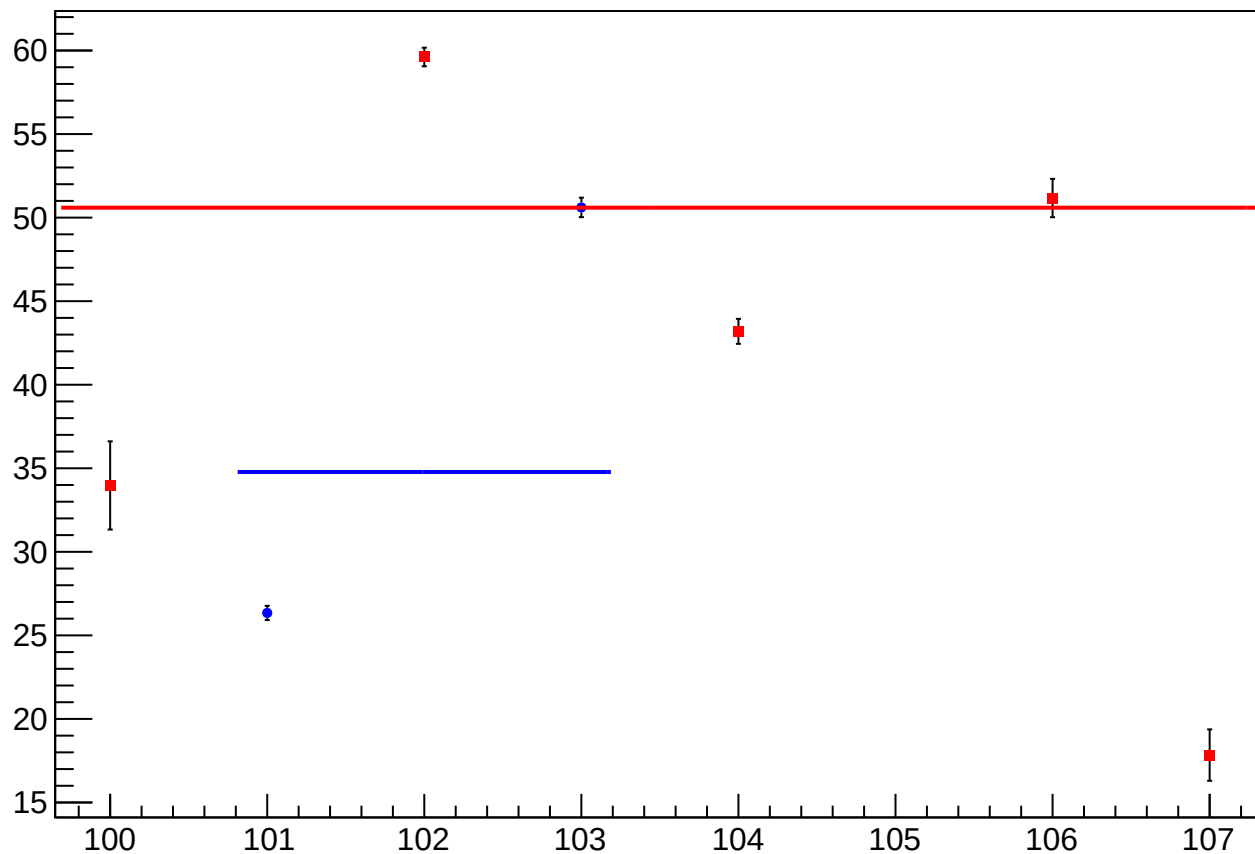
Right: 0.021 $\pm$ 0.010 χ^2 /NDF: 270.3/6

In: -0.010 $\pm$ 0.016 χ^2 /NDF:29.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.021 $\pm$ 0.010 χ^2 /NDF: 270.3/6

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 34.778+/-0.343 χ^2/NDF : 1133.5/1

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

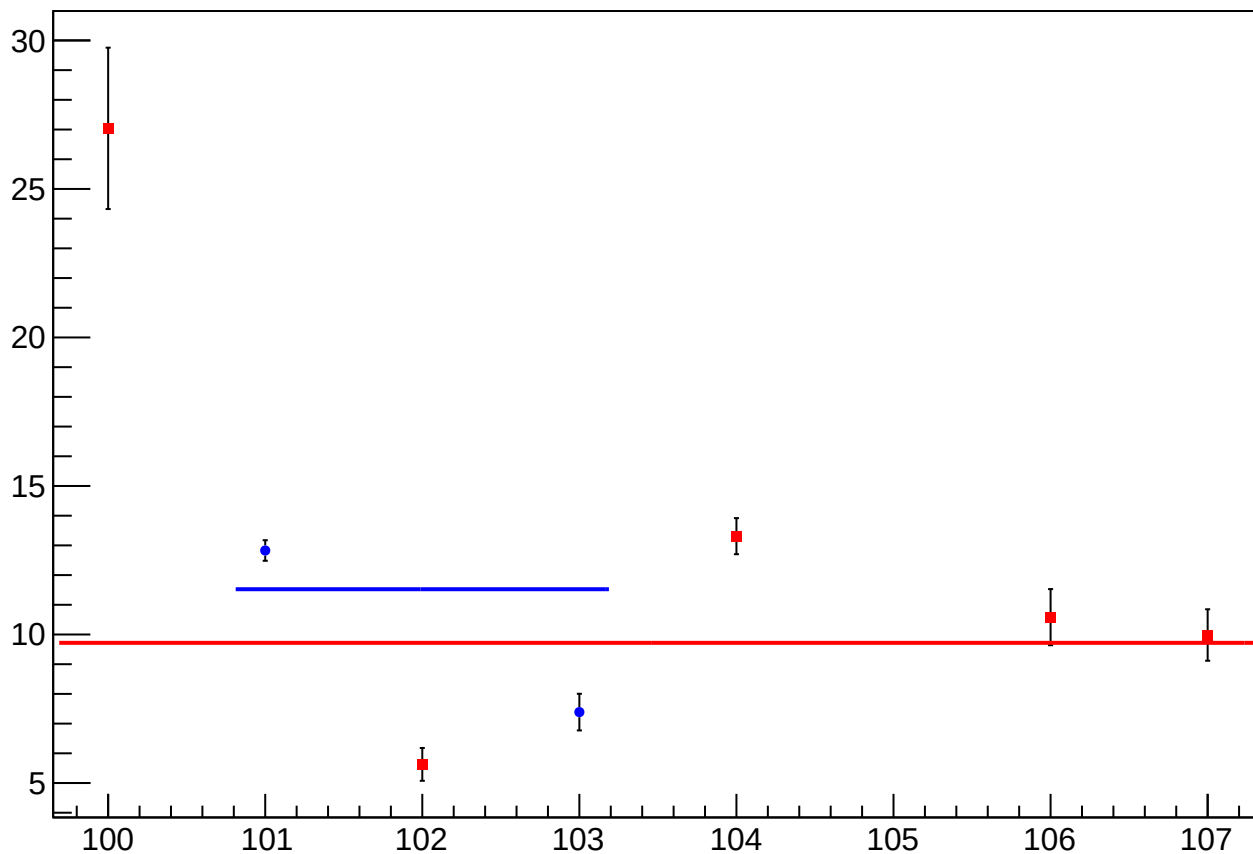
Right: 41.535+/-0.260 χ^2/NDF : 2893.2/6

In: 34.778+/-0.343 χ^2/NDF : 1133.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.535+/-0.260 χ^2/NDF : 2893.2/6

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.524+/-0.302 χ^2/NDF : 59.1/1

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

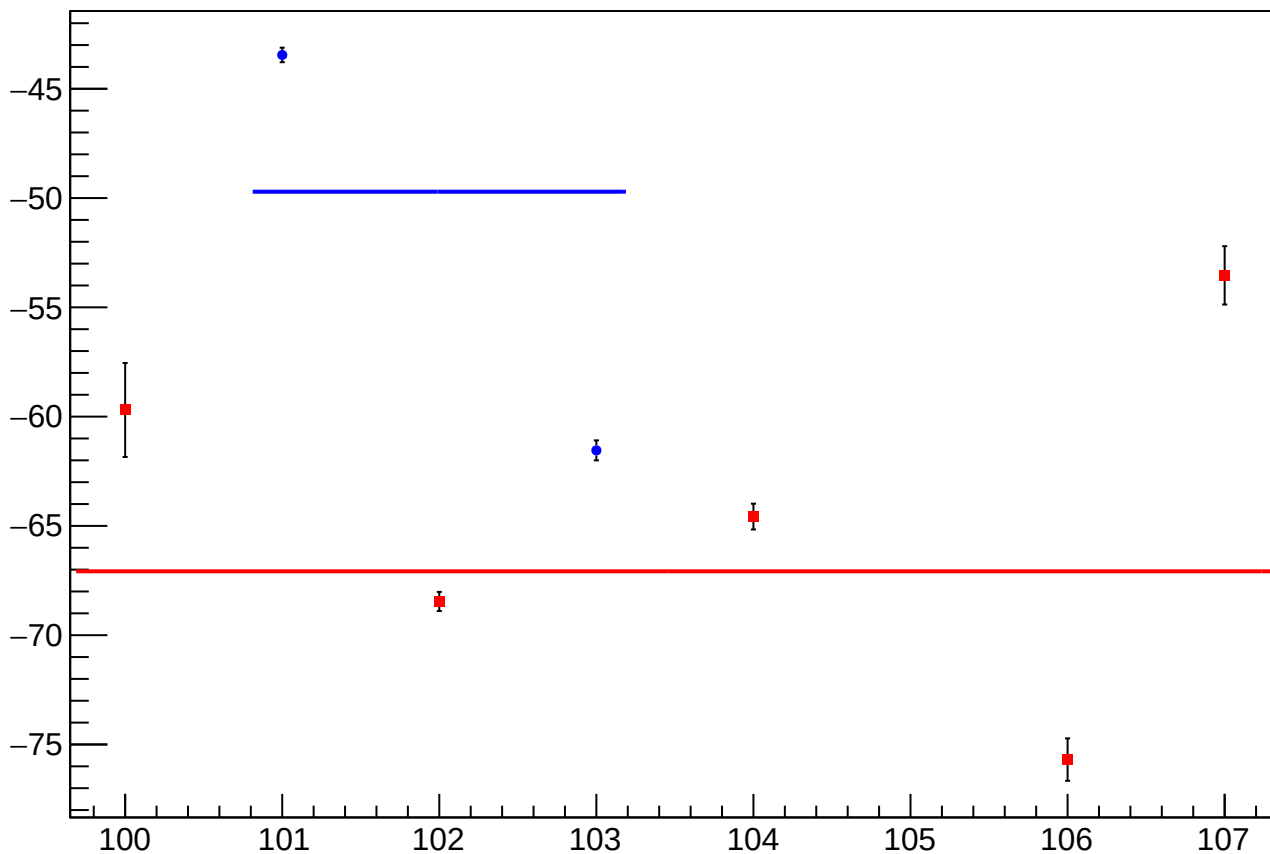
Right: 10.732+/-0.226 χ^2/NDF : 206.1/6

In: 11.524+/-0.302 χ^2/NDF : 59.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.732+/-0.226 χ^2/NDF : 206.1/6

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -49.709 $\pm$ 0.269 χ^2 /NDF: 1023.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -67.077 $\pm$ 0.317 χ^2 /NDF: 221.4/4

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

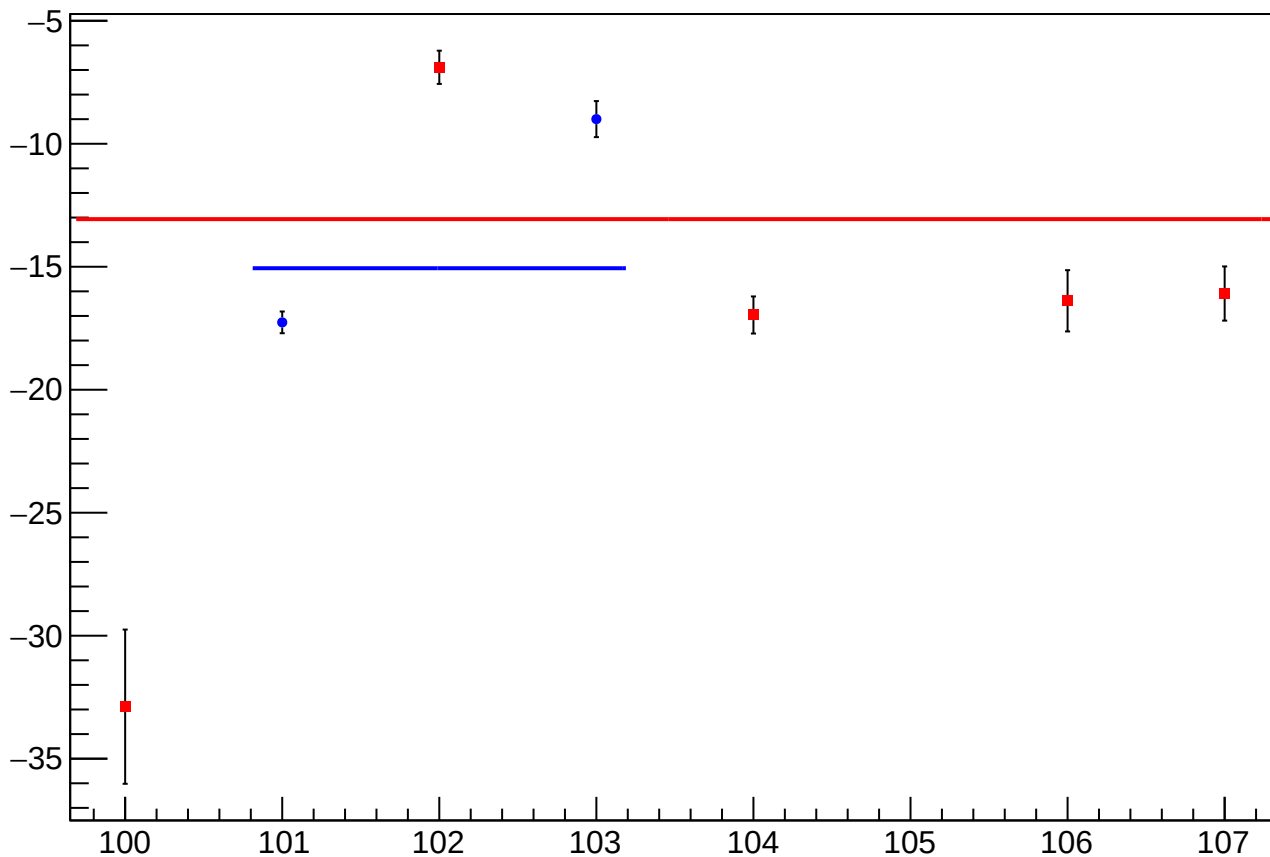
Right: -56.979 $\pm$ 0.205 χ^2 /NDF: 2990.7/6

In: -49.709 $\pm$ 0.269 χ^2 /NDF:1023.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -56.979 $\pm$ 0.205 χ^2 /NDF: 2990.7/6

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -15.060 $\pm$ 0.378 χ^2 /NDF: 93.3/1

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

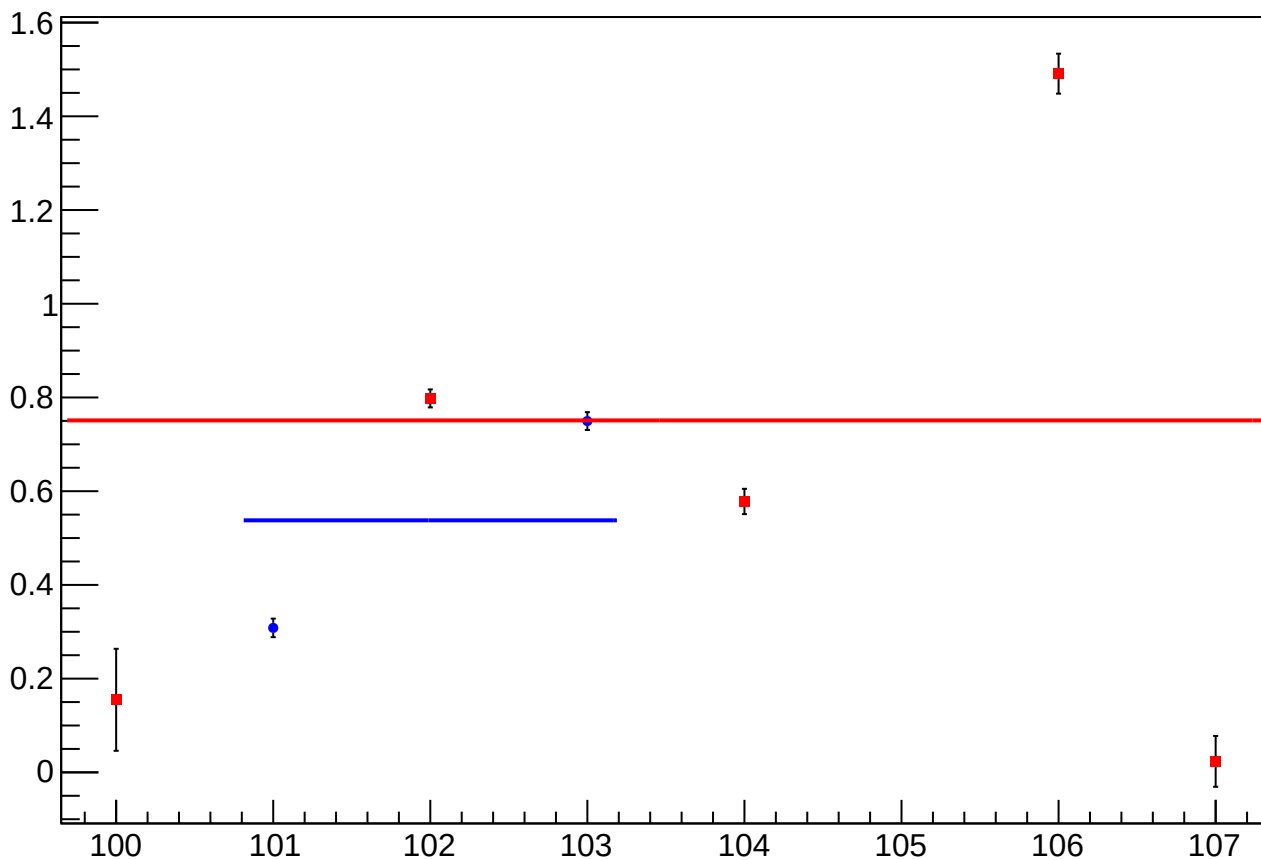
Right: -14.179 $\pm$ 0.283 χ^2 /NDF: 270.3/6

In: -15.060 $\pm$ 0.378 χ^2 /NDF:93.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -14.179 $\pm$ 0.283 χ^2 /NDF: 270.3/6

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.538 $\pm$ 0.014 χ^2 /NDF: 259.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.751 $\pm$ 0.014 χ^2 /NDF: 558.1/4

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

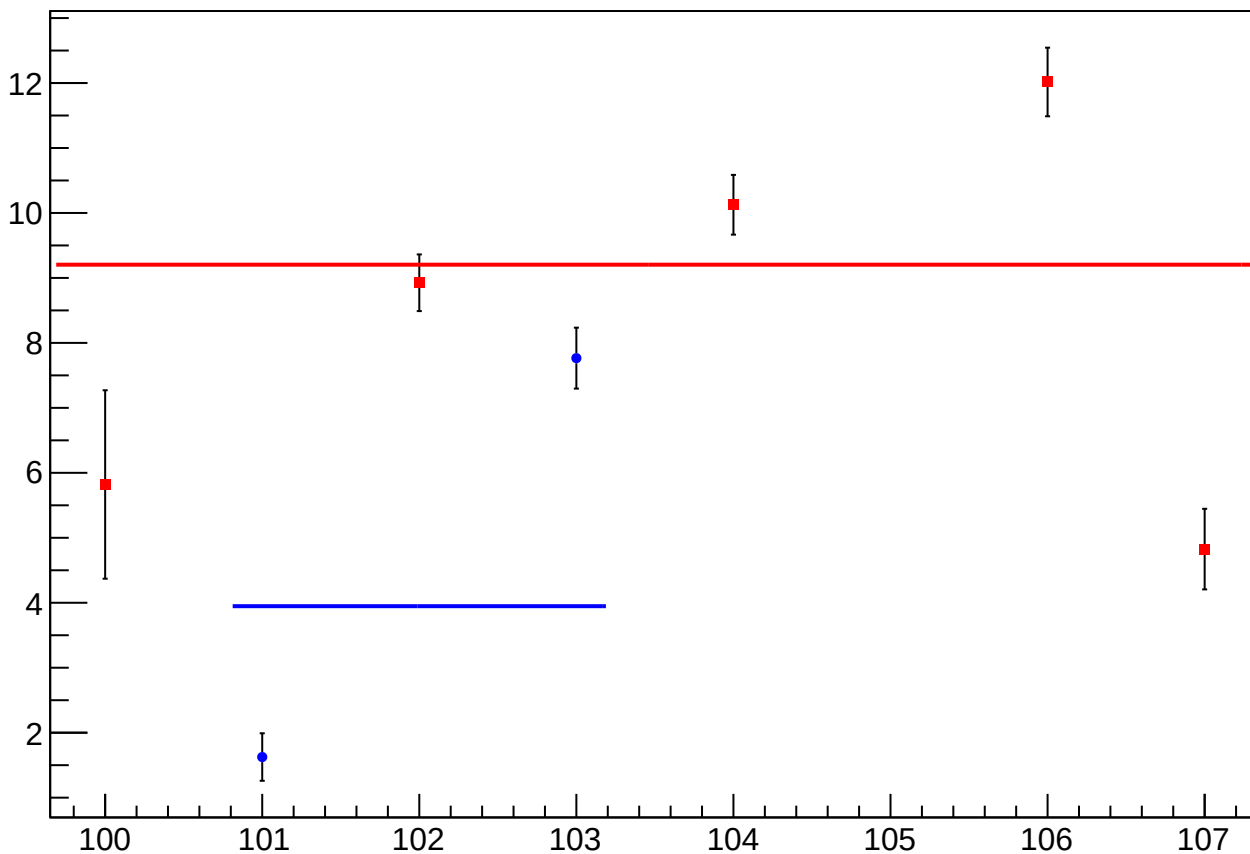
Right: 0.642 $\pm$ 0.010 χ^2 /NDF: 935.3/6

In: 0.538 $\pm$ 0.014 χ^2 /NDF:259.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.642 $\pm$ 0.010 χ^2 /NDF: 935.3/6

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 3.947+/-0.288 χ^2/NDF : 106.6/1

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

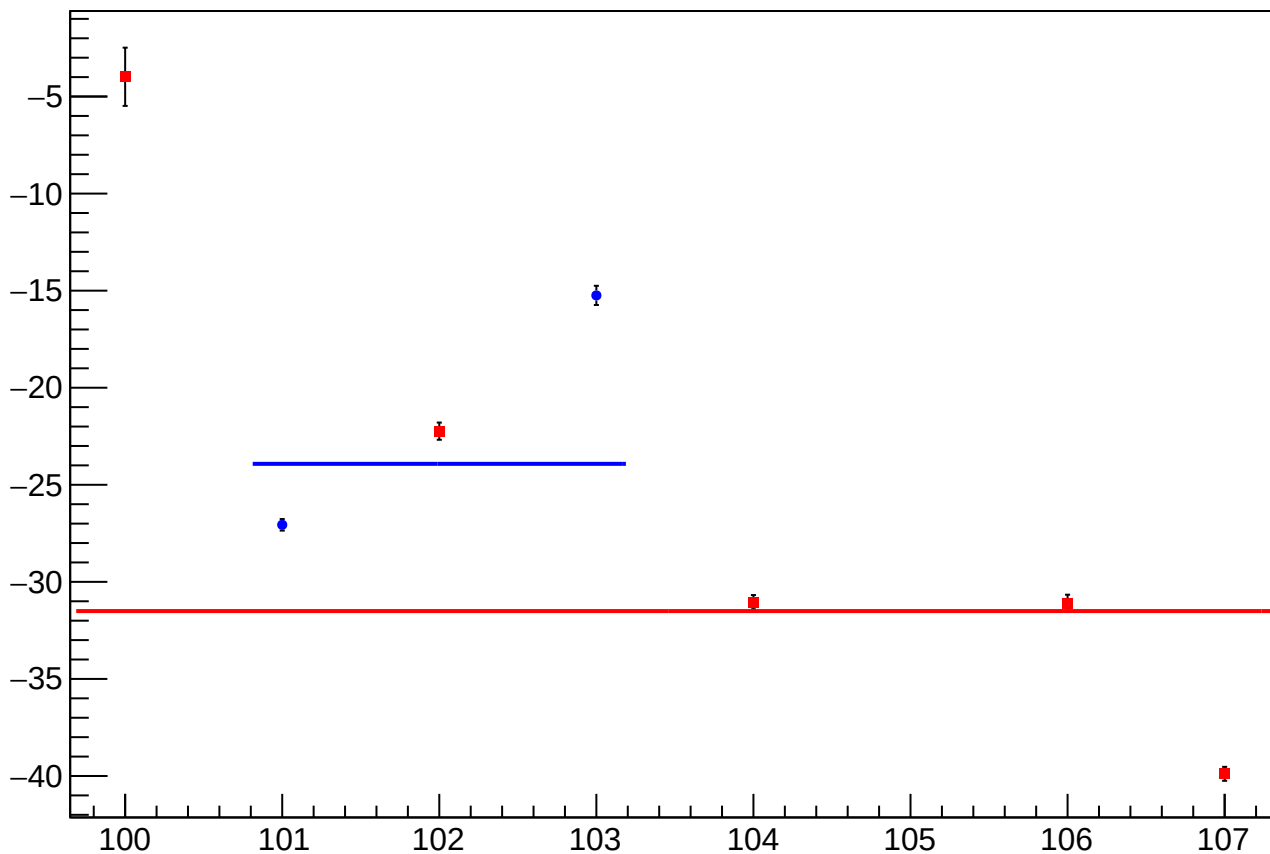
Right: 6.999+/-0.187 χ^2/NDF : 387.6/6

In: 3.947+/-0.288 χ^2/NDF :106.6/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6.999+/-0.187 χ^2/NDF : 387.6/6

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -23.921+/-0.255 χ^2/NDF : 419.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.505+/-0.197 χ^2/NDF : 1320.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

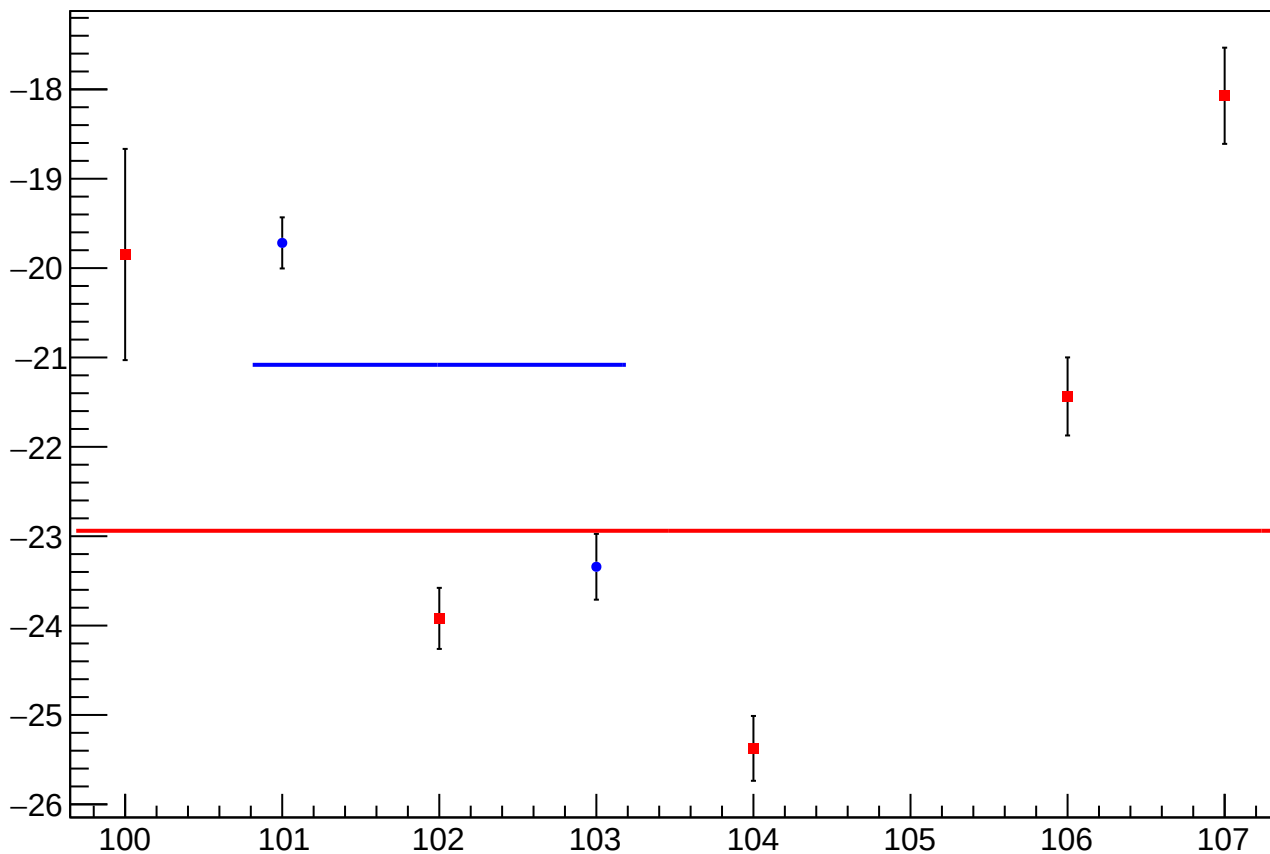
Right: -28.673+/-0.156 χ^2/NDF : 2294.2/6

In: -23.921+/-0.255 χ^2/NDF : 419.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.673+/-0.156 χ^2/NDF : 2294.2/6

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -21.082 $\pm$ 0.226 χ^2 /NDF: 60.5/1

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

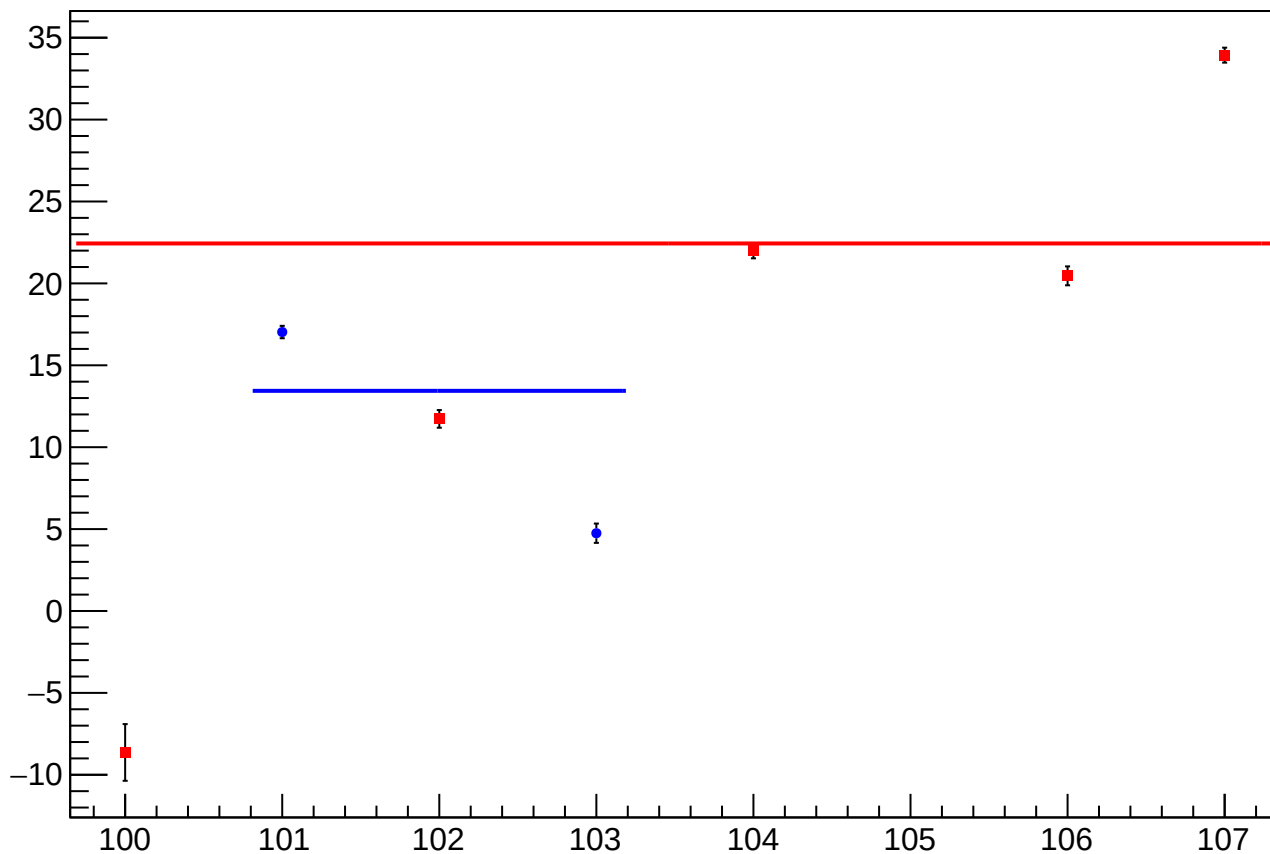
Right: -22.133 $\pm$ 0.149 χ^2 /NDF: 252.5/6

In: -21.082 $\pm$ 0.226 χ^2 /NDF:60.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -22.133 $\pm$ 0.149 χ^2 /NDF: 252.5/6

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.441 $\pm$ 0.319 χ^2 /NDF: 307.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 22.438 $\pm$ 0.249 χ^2 /NDF: 1363.2/4

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

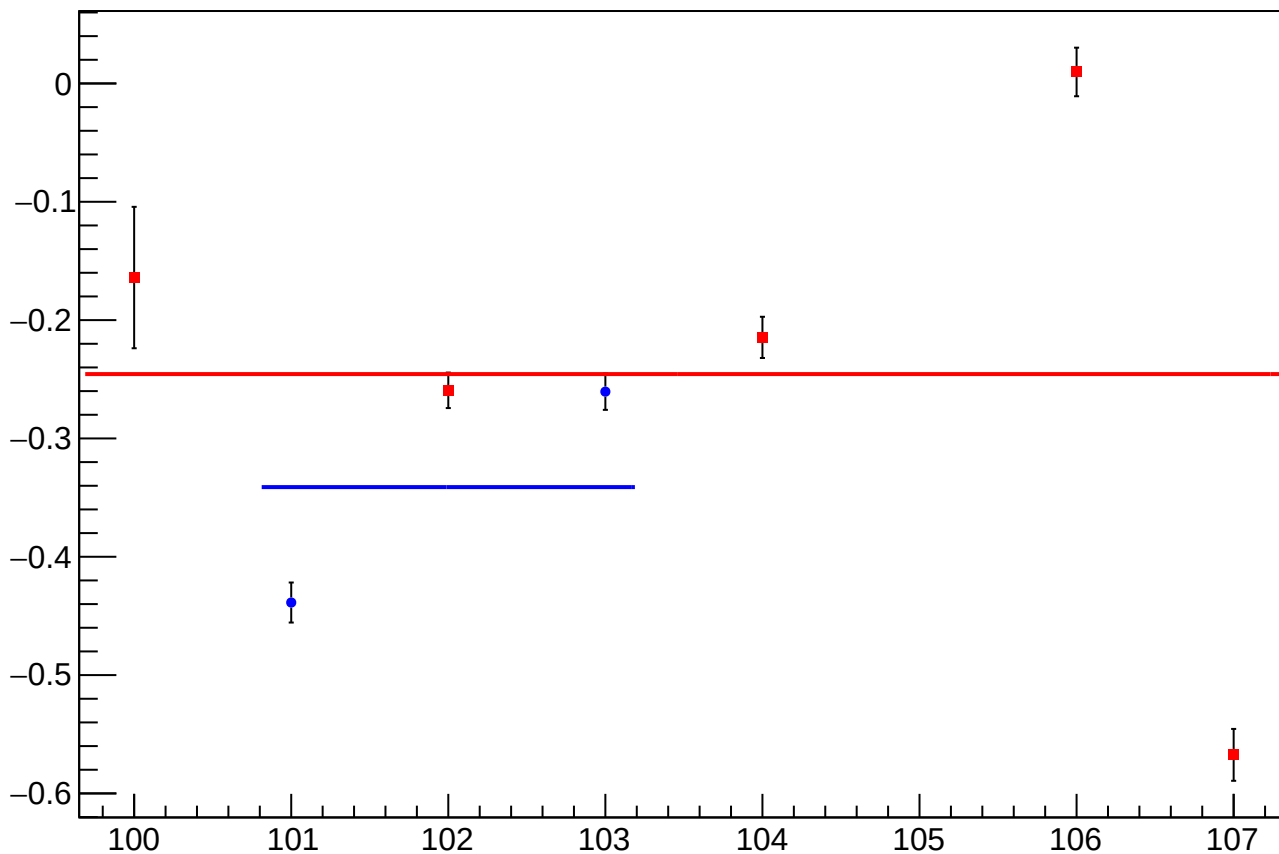
Right: 19.037 $\pm$ 0.196 χ^2 /NDF: 2165.6/6

In: 13.441 $\pm$ 0.319 χ^2 /NDF:307.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 19.037 $\pm$ 0.196 χ^2 /NDF: 2165.6/6

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.341+/-0.011 χ^2/NDF : 60.8/1

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

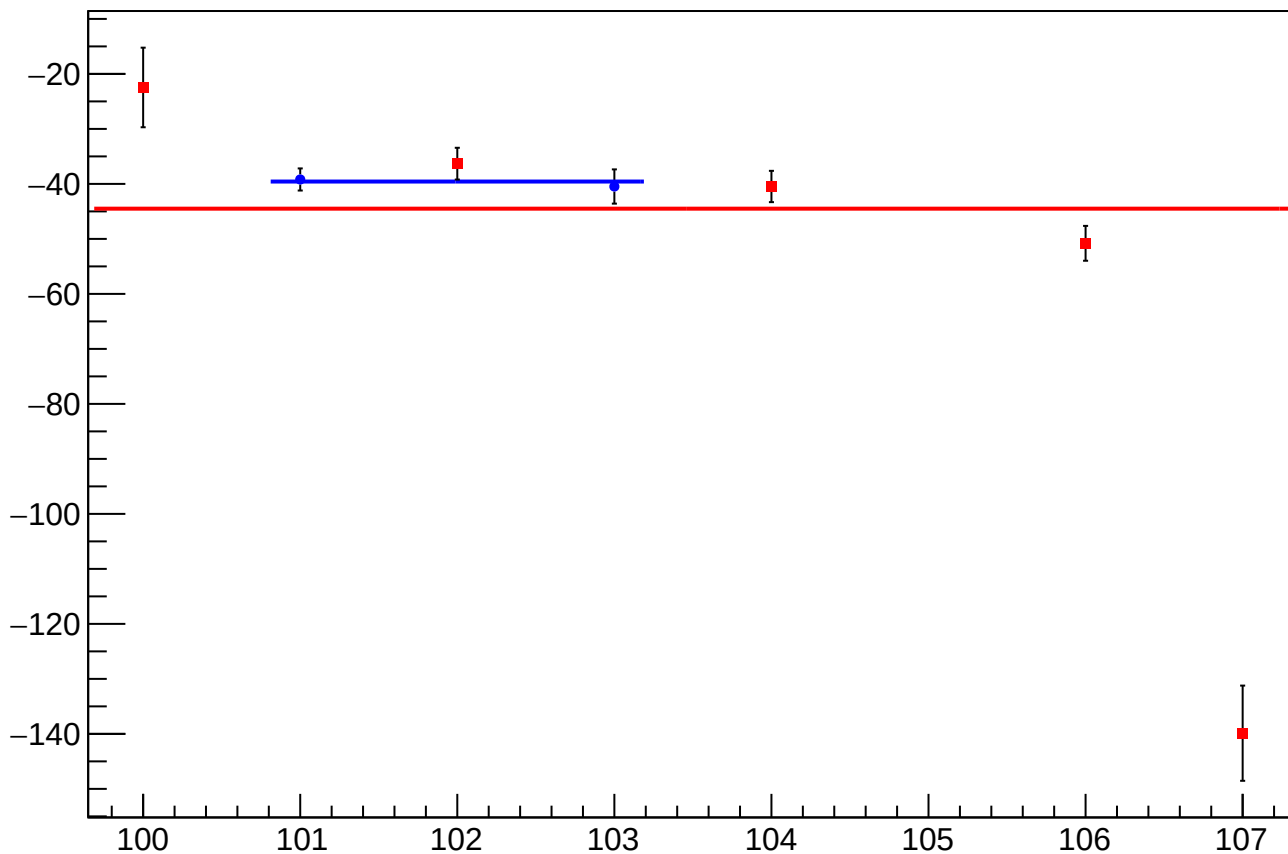
Right: -0.282+/-0.007 χ^2/NDF : 480.4/6

In: -0.341+/-0.011 χ^2/NDF : 60.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.282+/-0.007 χ^2/NDF : 480.4/6

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -39.571 ± 1.689 $\chi^2/\text{NDF}: 0.1/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -44.503 ± 1.632 $\chi^2/\text{NDF}: 144.7/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

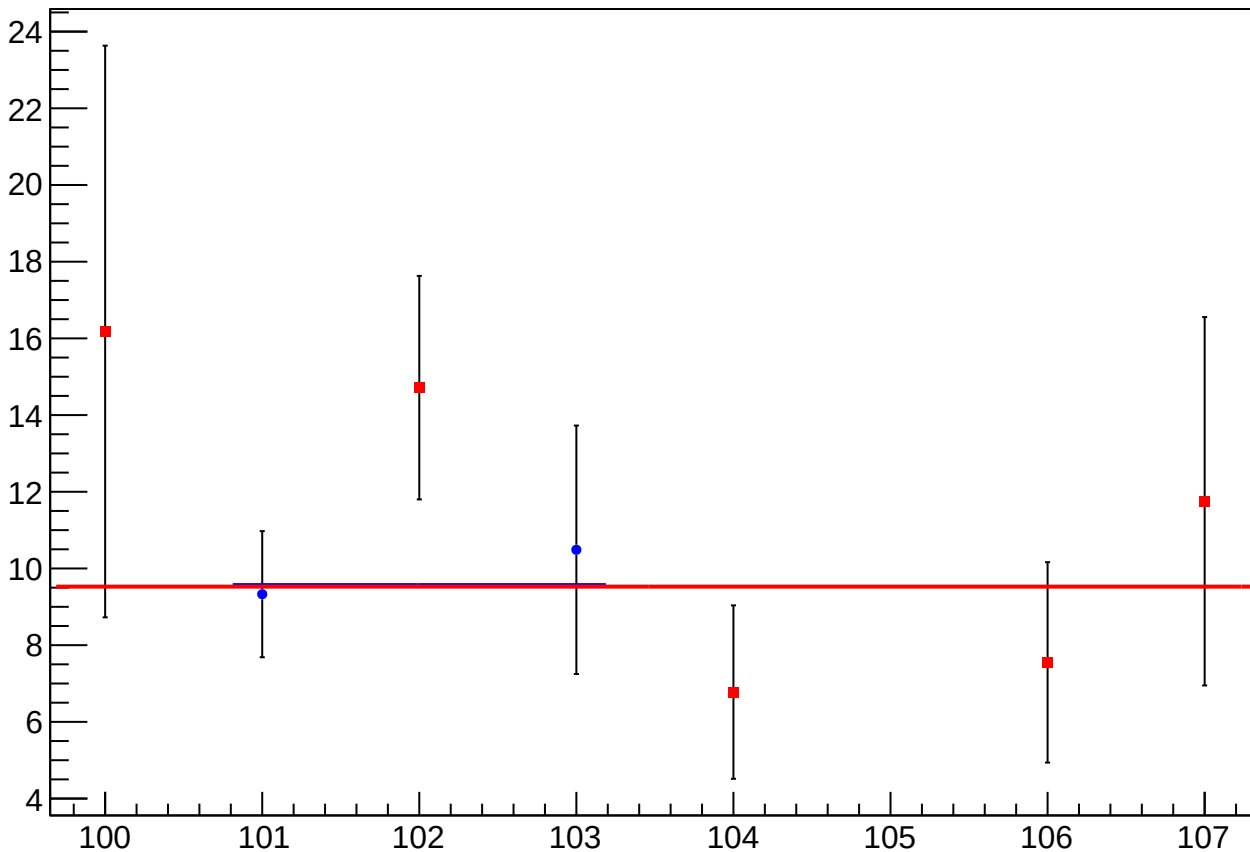
Right: -42.121 ± 1.173 $\chi^2/\text{NDF}: 149.2/6$

In: -39.571 ± 1.689 $\chi^2/\text{NDF}: 0.1/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -42.121 ± 1.173 $\chi^2/\text{NDF}: 149.2/6$

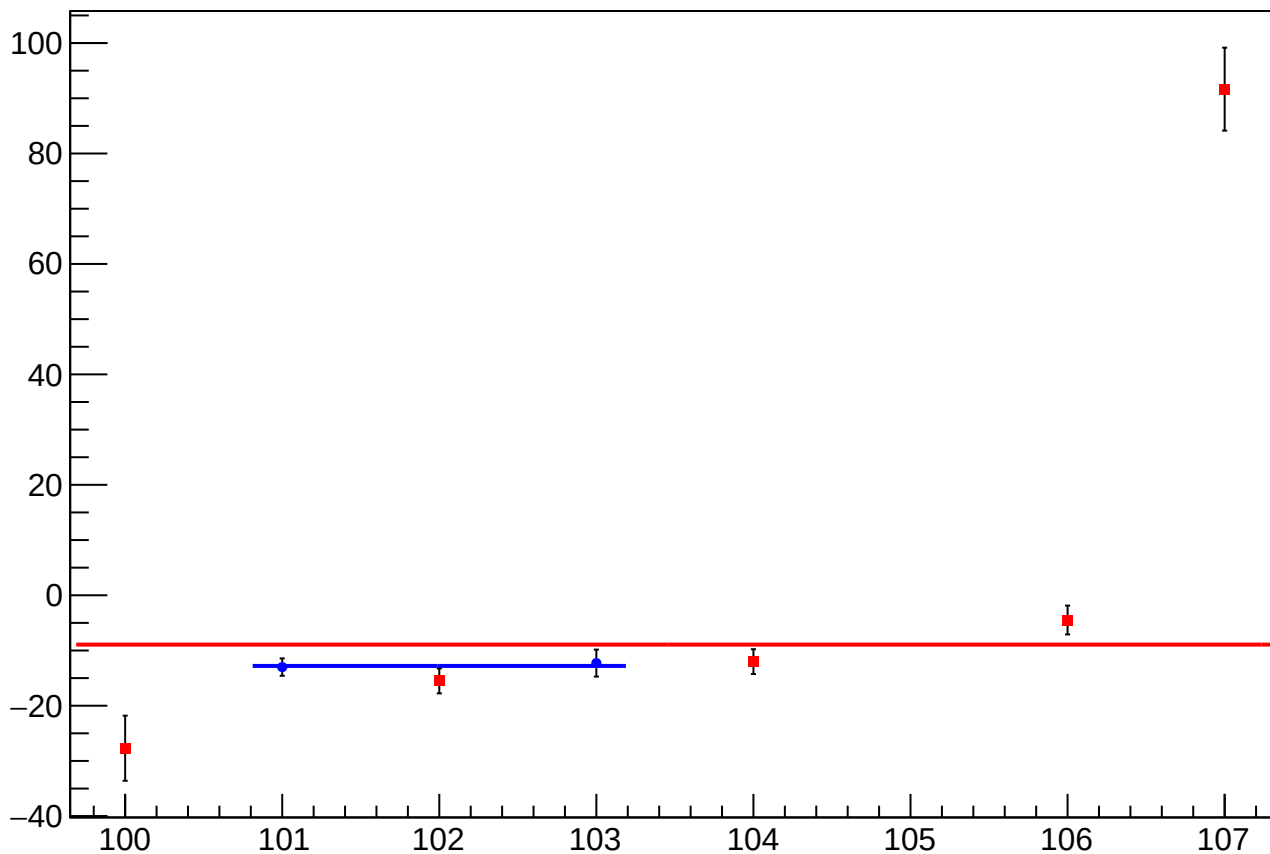
reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.567 $\pm$ 1.466 χ^2 /NDF: 0.1/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 9.526 $\pm$ 1.385 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: 9.545 $\pm$ 1.007 χ^2 /NDF: 6.3/6
 In: 9.567 $\pm$ 1.466 χ^2 /NDF:0.1/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 9.545 $\pm$ 1.007 χ^2 /NDF: 6.3/6

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -12.794+/-1.323 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.934+/-1.305 χ^2/NDF : 202.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

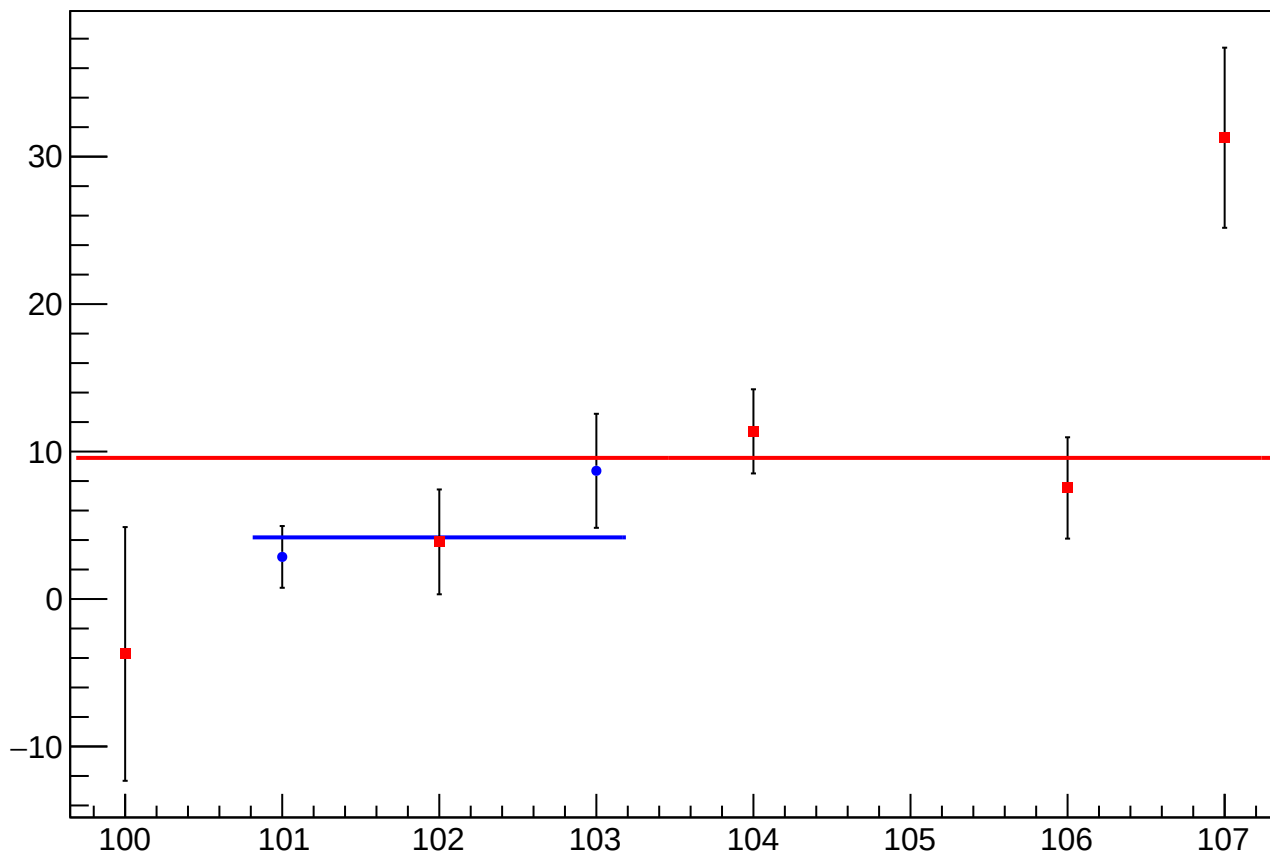
Right: -10.838+/-0.929 χ^2/NDF : 207.1/6

In: -12.794+/-1.323 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.838+/-0.929 χ^2/NDF : 207.1/6

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.180 $\pm$ 1.841 χ^2 /NDF: 1.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 9.570 $\pm$ 1.749 χ^2 /NDF: 18.3/4

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

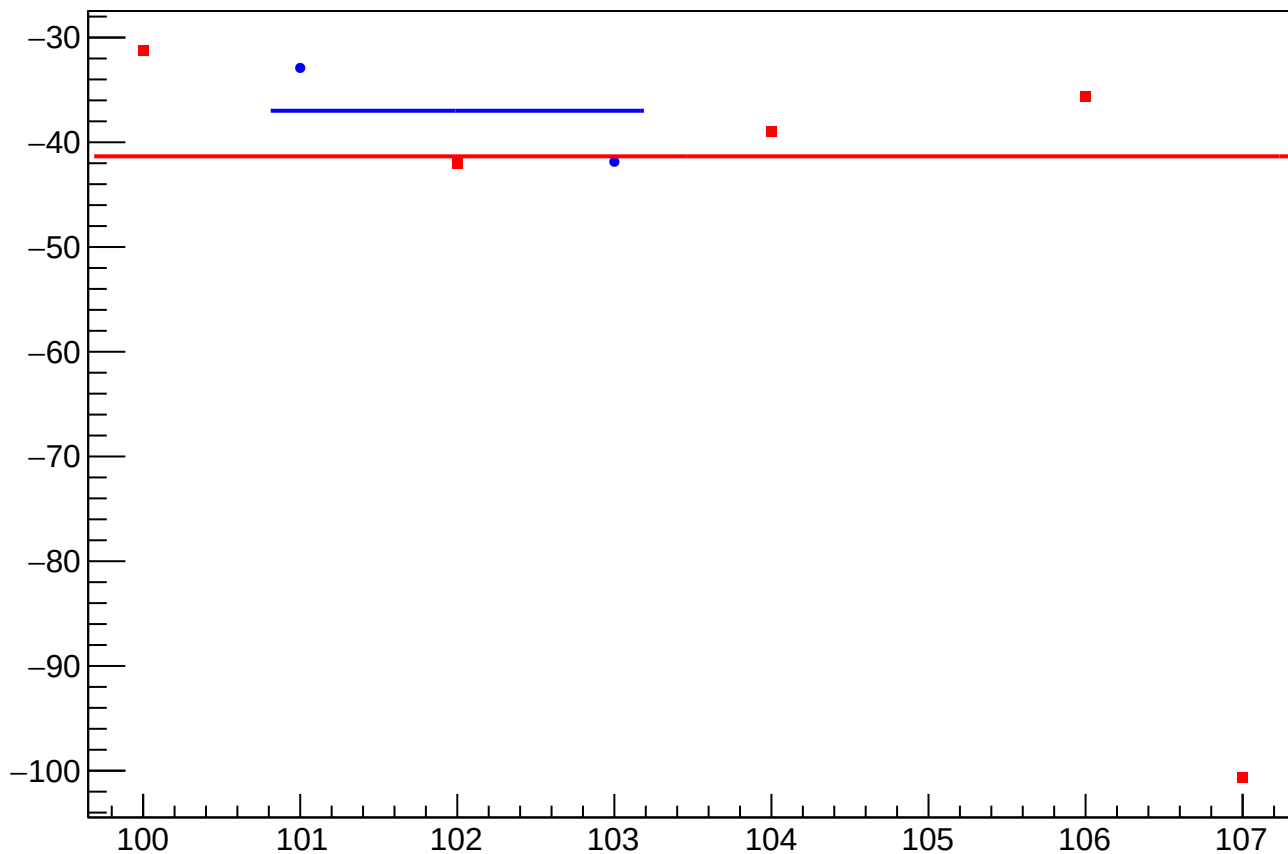
Right: 7.014 $\pm$ 1.268 χ^2 /NDF: 24.6/6

In: 4.180 $\pm$ 1.841 χ^2 /NDF:1.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 7.014 $\pm$ 1.268 χ^2 /NDF: 24.6/6

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -36.988 ± 0.069 χ^2/NDF : 4168.4/1

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

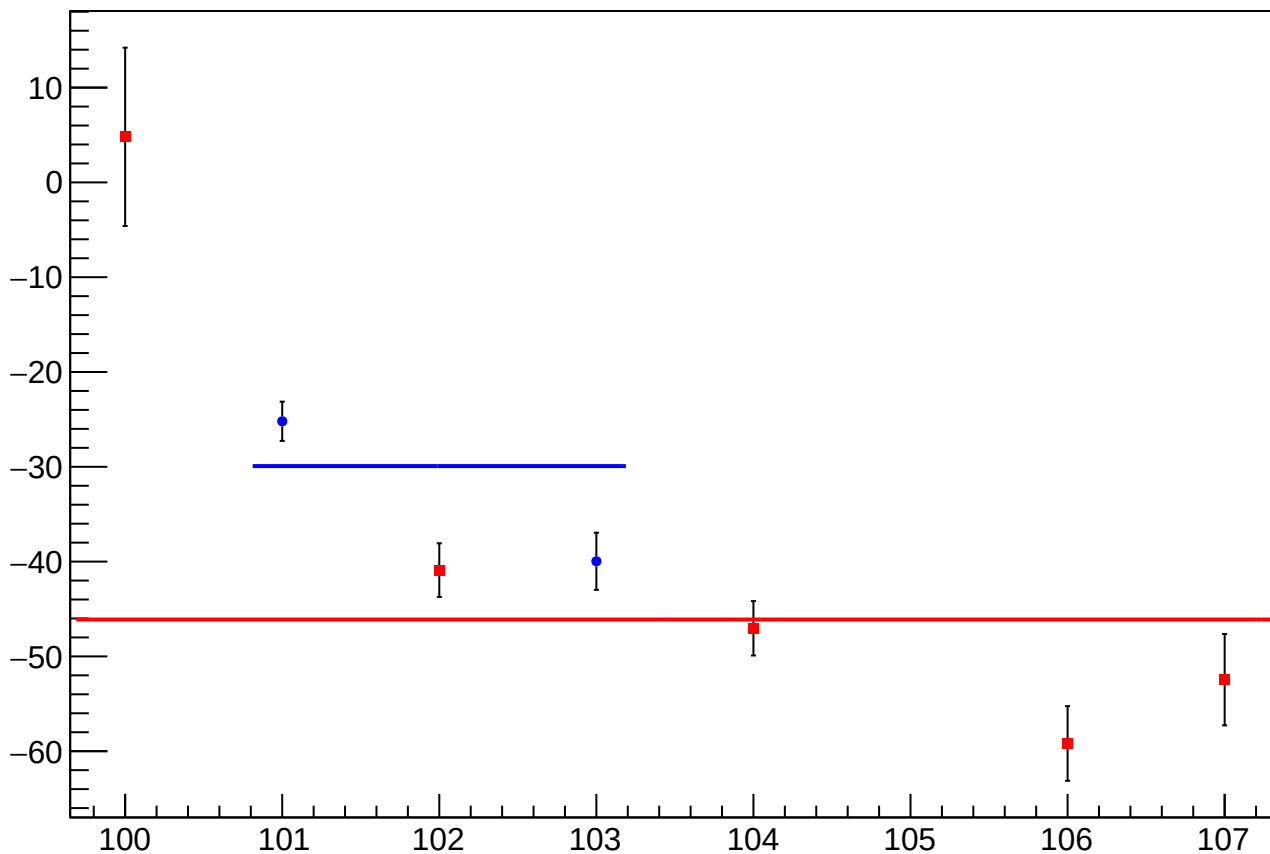
Right: -39.467 ± 0.045 χ^2/NDF : 48078.6/6

In: -36.988 ± 0.069 χ^2/NDF : 4168.4/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.467 ± 0.045 χ^2/NDF : 48078.6/6

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -29.925+/-1.706 χ^2/NDF : 16.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -46.112+/-1.654 χ^2/NDF : 45.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

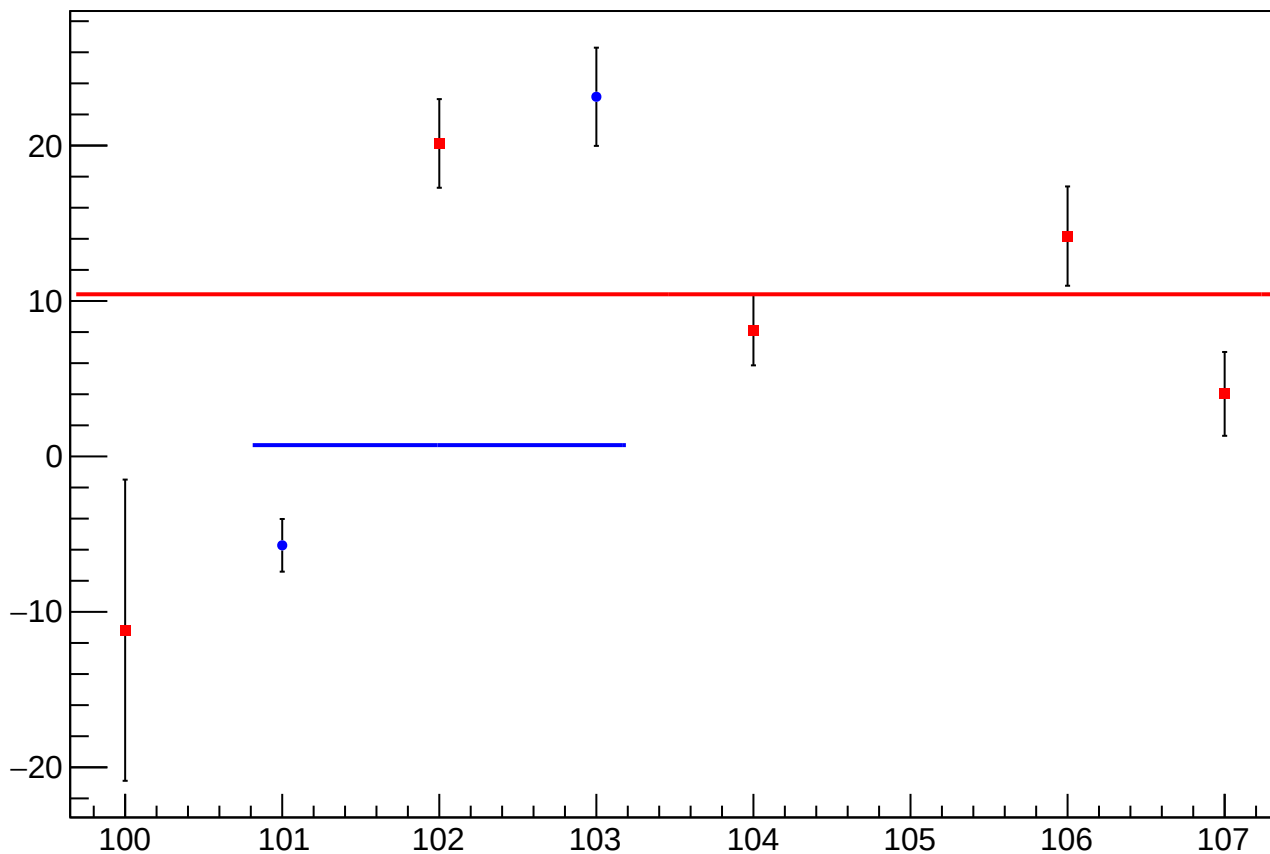
Right: -38.269+/-1.188 χ^2/NDF : 108.3/6

In: -29.925+/-1.706 χ^2/NDF : 16.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.269+/-1.188 χ^2/NDF : 108.3/6

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.727+/-1.493 χ^2/NDF : 64.8/1

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

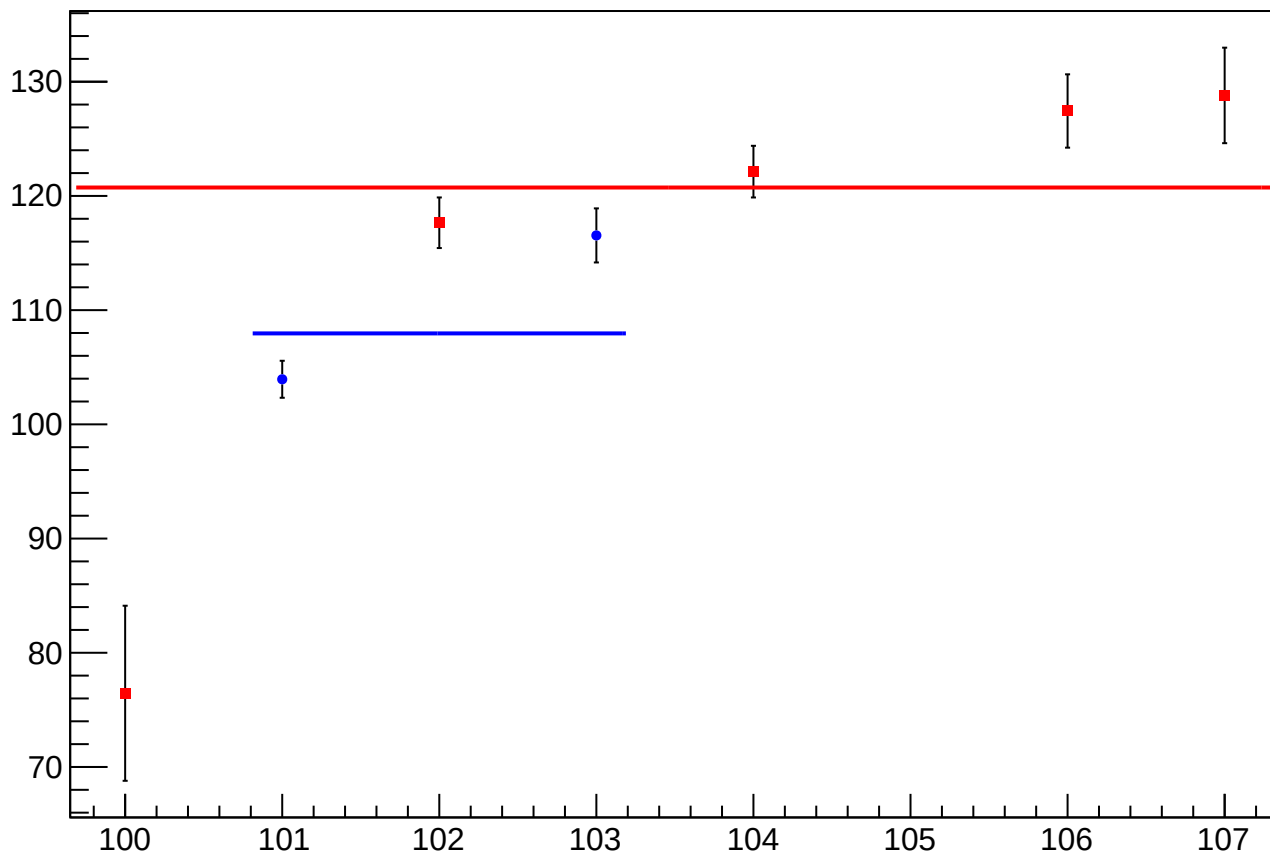
Right: 6.132+/-0.994 χ^2/NDF : 112.9/6

In: 0.727+/-1.493 χ^2/NDF : 64.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.132+/-0.994 χ^2/NDF : 112.9/6

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 107.963+/-1.337 χ^2/NDF : 19.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.737+/-1.324 χ^2/NDF : 43.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

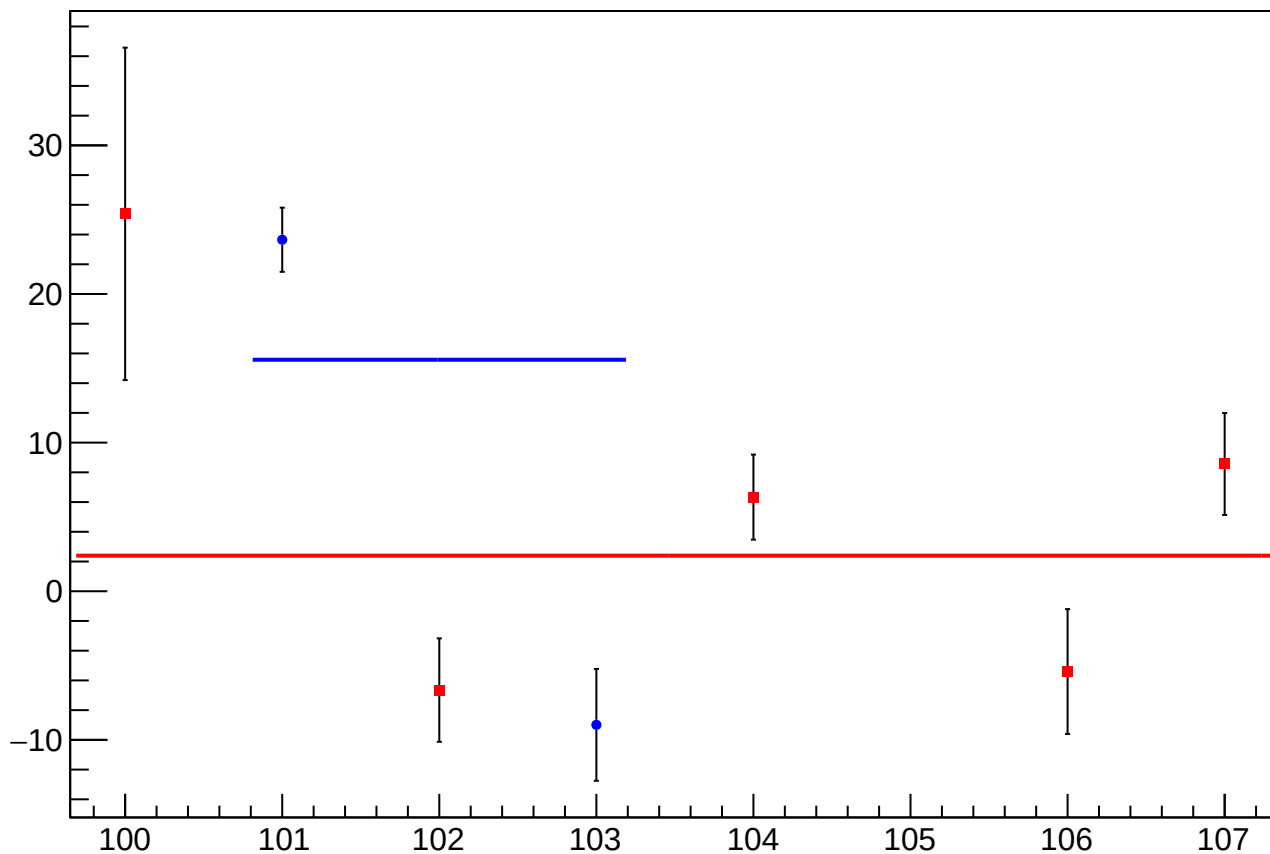
Right: 114.412+/-0.941 χ^2/NDF : 109.2/6

In: 107.963+/-1.337 χ^2/NDF : 19.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.412+/-0.941 χ^2/NDF : 109.2/6

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.576+/-1.872 χ^2/NDF : 56.6/1

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

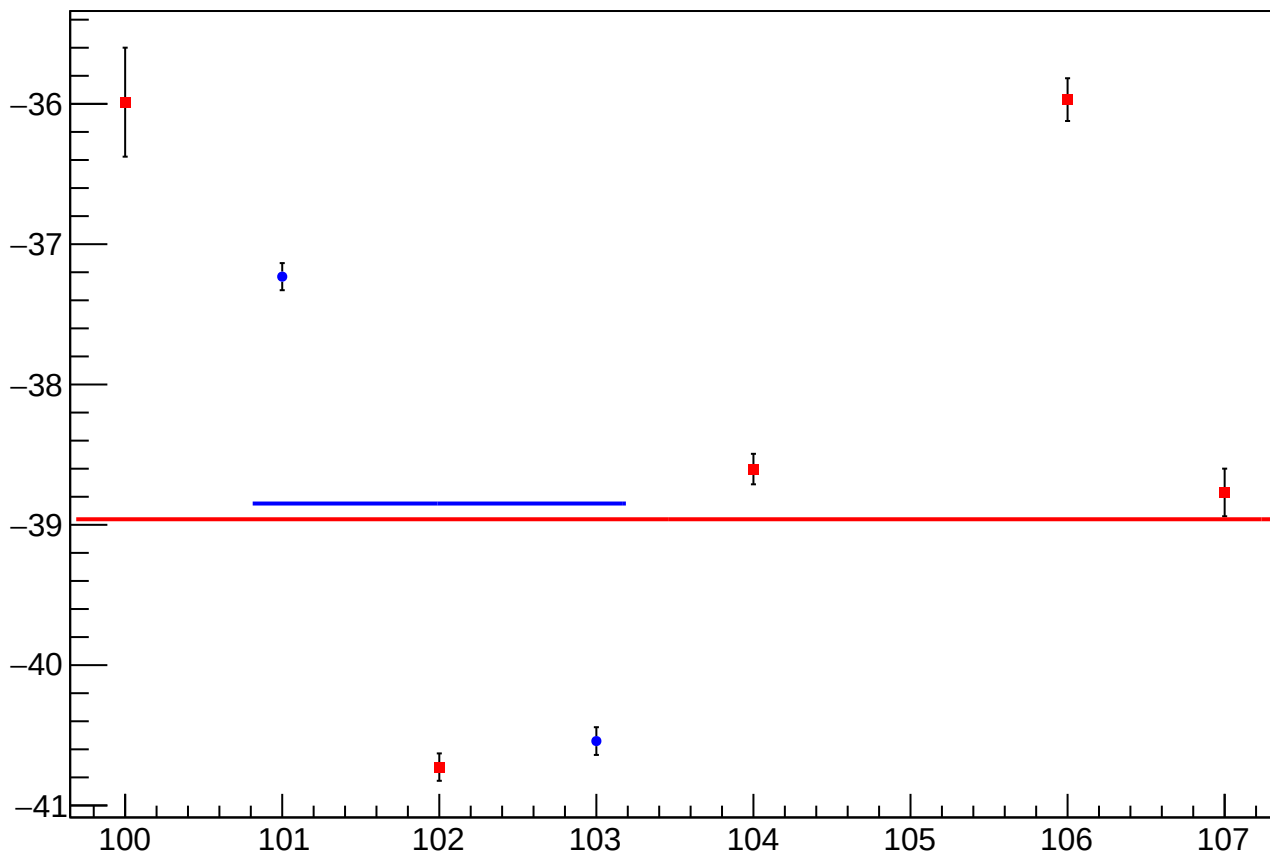
Right: 8.273+/-1.250 χ^2/NDF : 103.6/6

In: 15.576+/-1.872 χ^2/NDF : 56.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.273+/-1.250 χ^2/NDF : 103.6/6

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.848 ± 0.069 $\chi^2/\text{NDF}: 573.4/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -38.960 ± 0.060 $\chi^2/\text{NDF}: 783.6/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

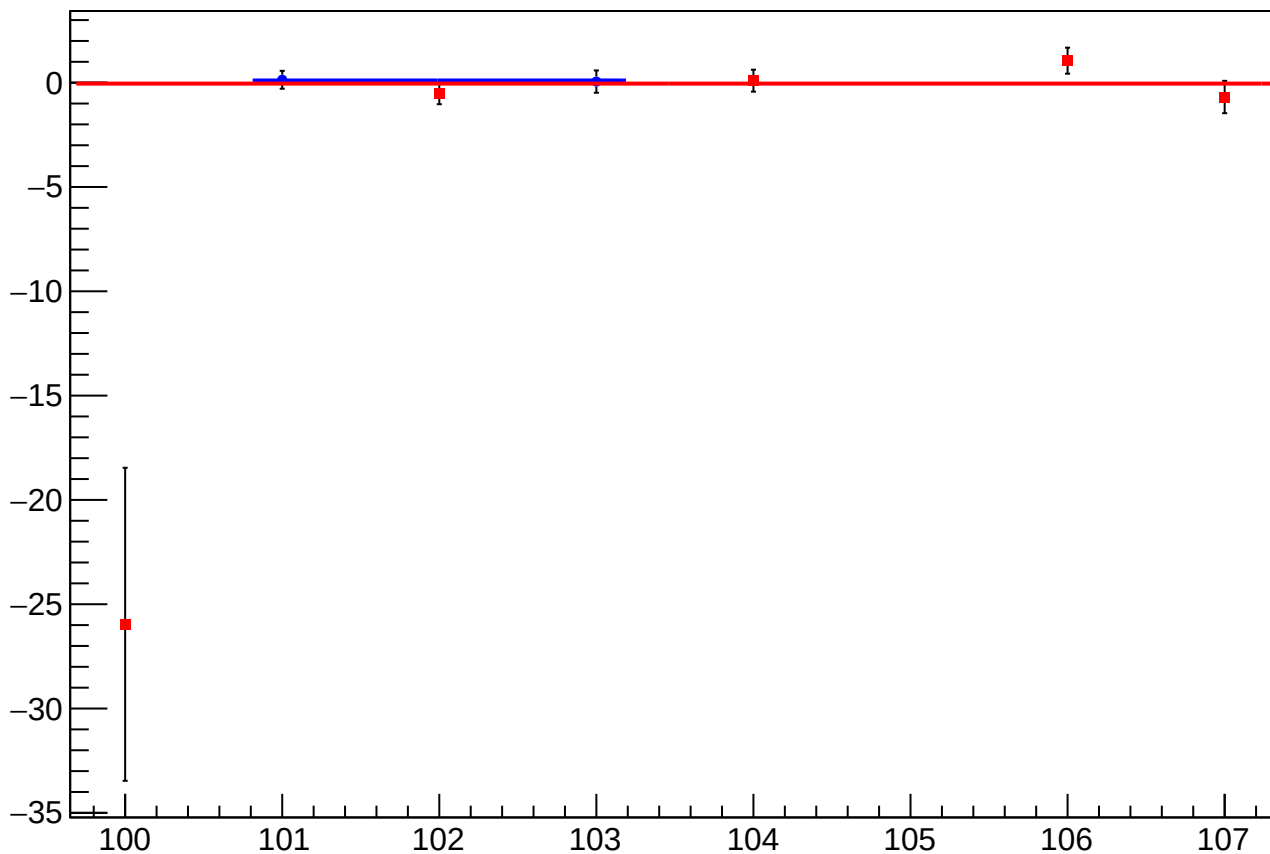
Right: -38.912 ± 0.045 $\chi^2/\text{NDF}: 1358.5/6$

In: -38.848 ± 0.069 $\chi^2/\text{NDF}: 573.4/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -38.912 ± 0.045 $\chi^2/\text{NDF}: 1358.5/6$

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.105+/-0.334 χ^2/NDF : 0.0/1

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

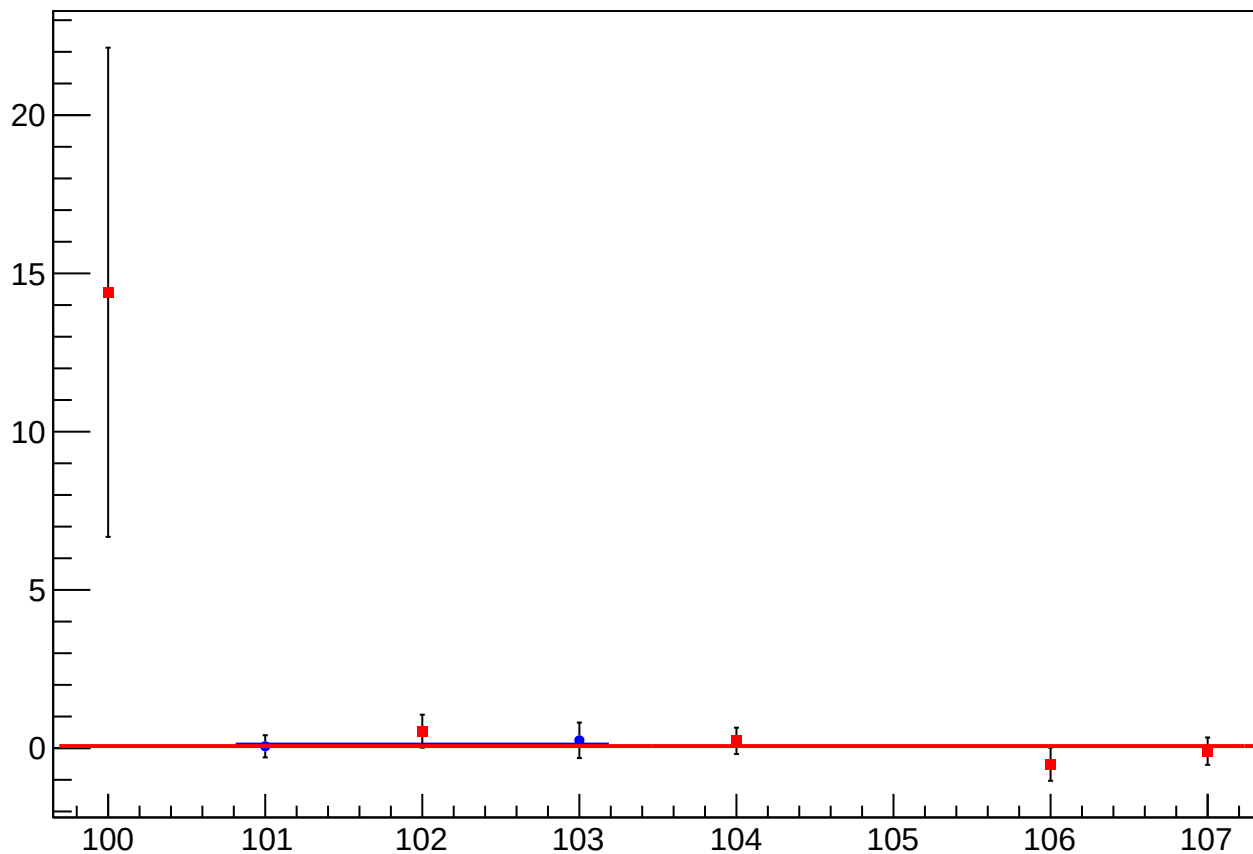
Right: 0.020+/-0.220 χ^2/NDF : 16.8/6

In: 0.105+/-0.334 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.220 χ^2/NDF : 16.8/6

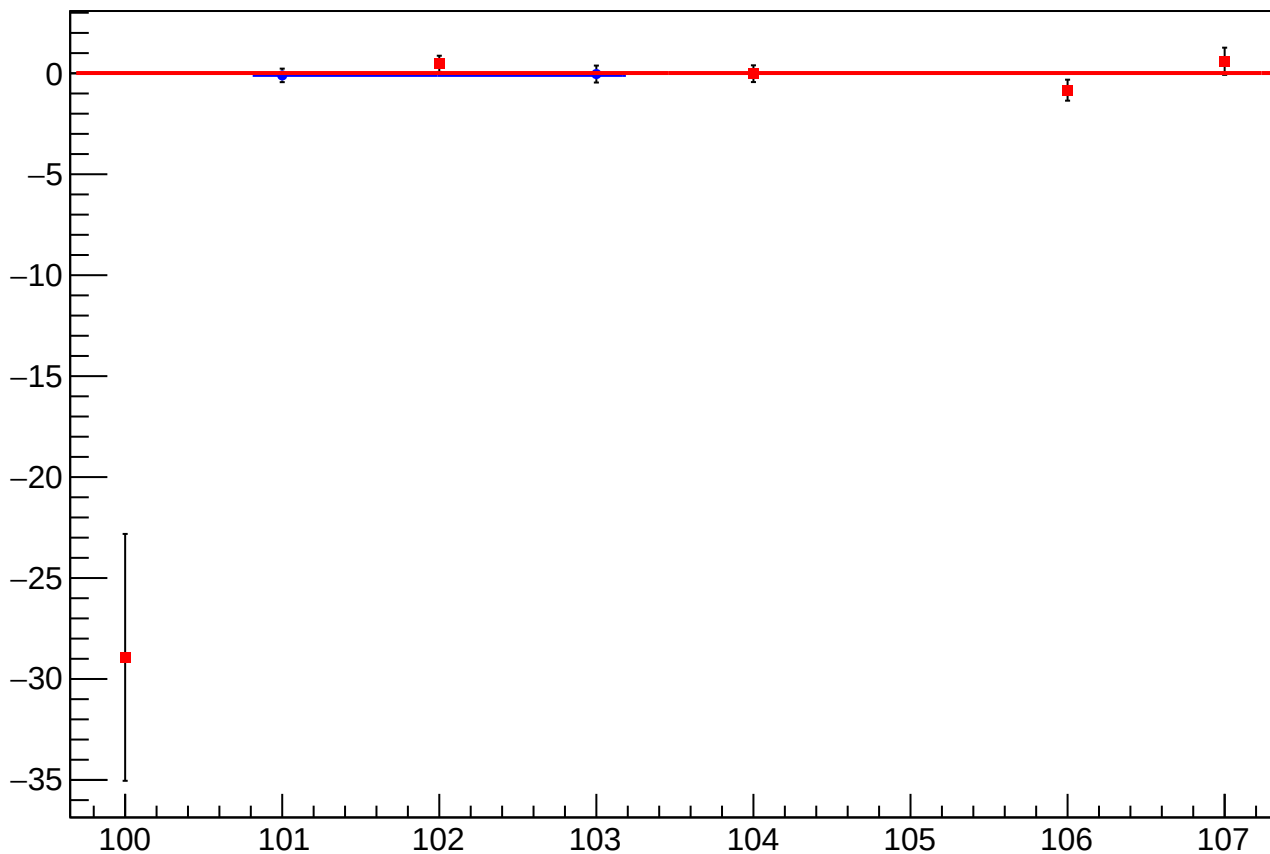
reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.112+/-0.297 χ^2/NDF : 0.1/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.066+/-0.233 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: 0.083+/-0.183 χ^2/NDF : 5.8/6
 In: 0.112+/-0.297 χ^2/NDF : 0.1/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.083+/-0.183 χ^2/NDF : 5.8/6

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.078+/-0.262 χ^2/NDF : 0.0/1

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

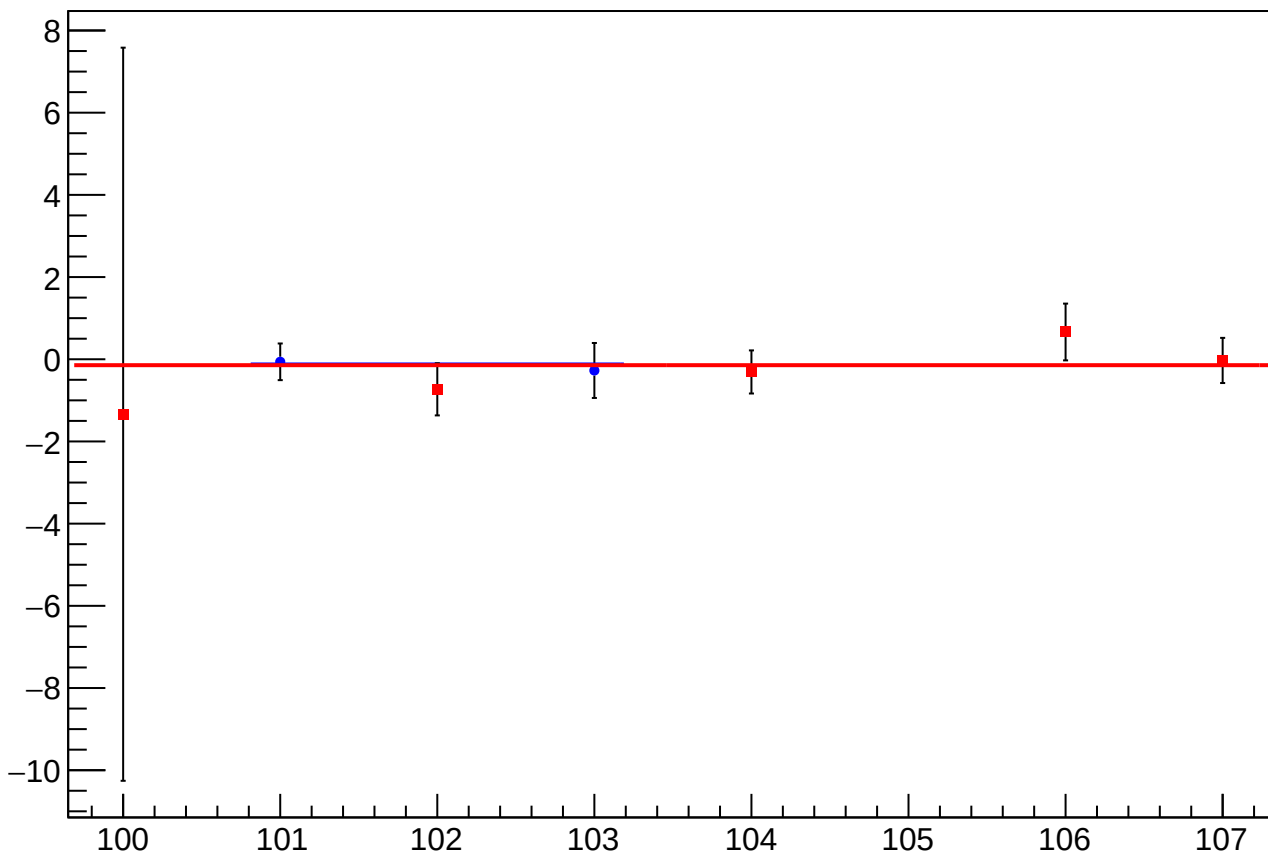
Right: -0.028+/-0.175 χ^2/NDF : 27.2/6

In: -0.078+/-0.262 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.028+/-0.175 χ^2/NDF : 27.2/6

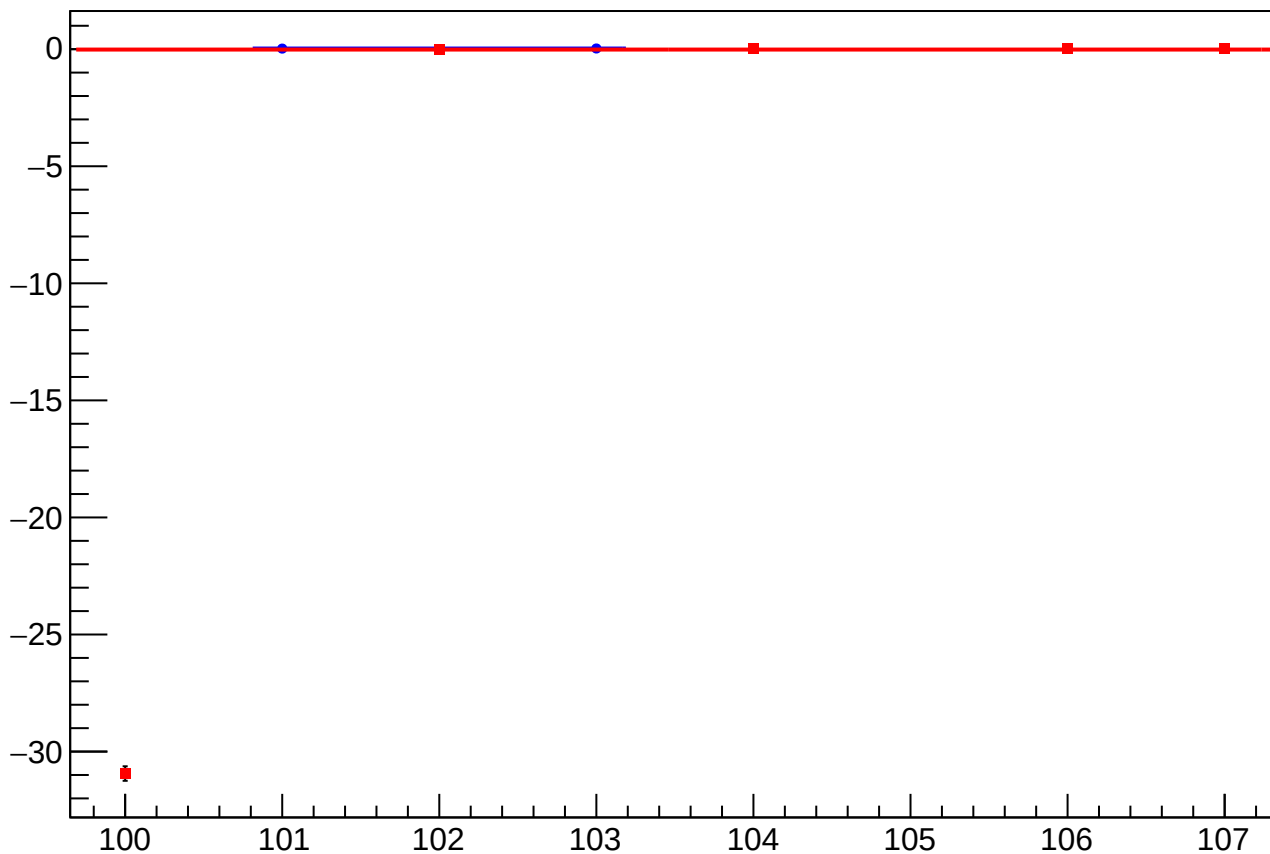
reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.127 $\pm$ 0.371 χ^2 /NDF: 0.1/1
 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: -0.138 $\pm$ 0.231 χ^2 /NDF: 2.5/6
 In: -0.127 $\pm$ 0.371 χ^2 /NDF:0.1/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.138 $\pm$ 0.231 χ^2 /NDF: 2.5/6

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.028+/-0.013 χ^2/NDF : 0.0/1

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

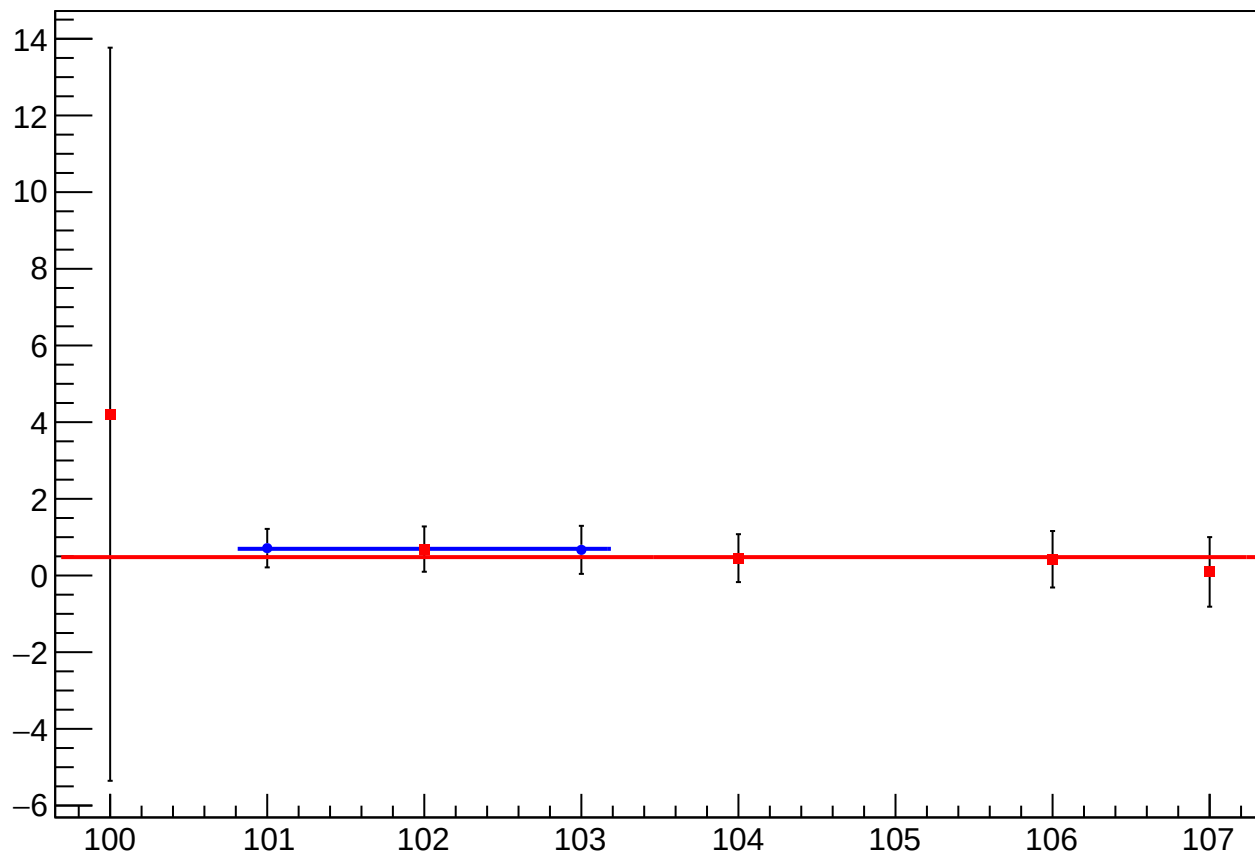
Right: 0.001+/-0.008 χ^2/NDF : 9985.1/6

In: 0.028+/-0.013 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.008 χ^2/NDF : 9985.1/6

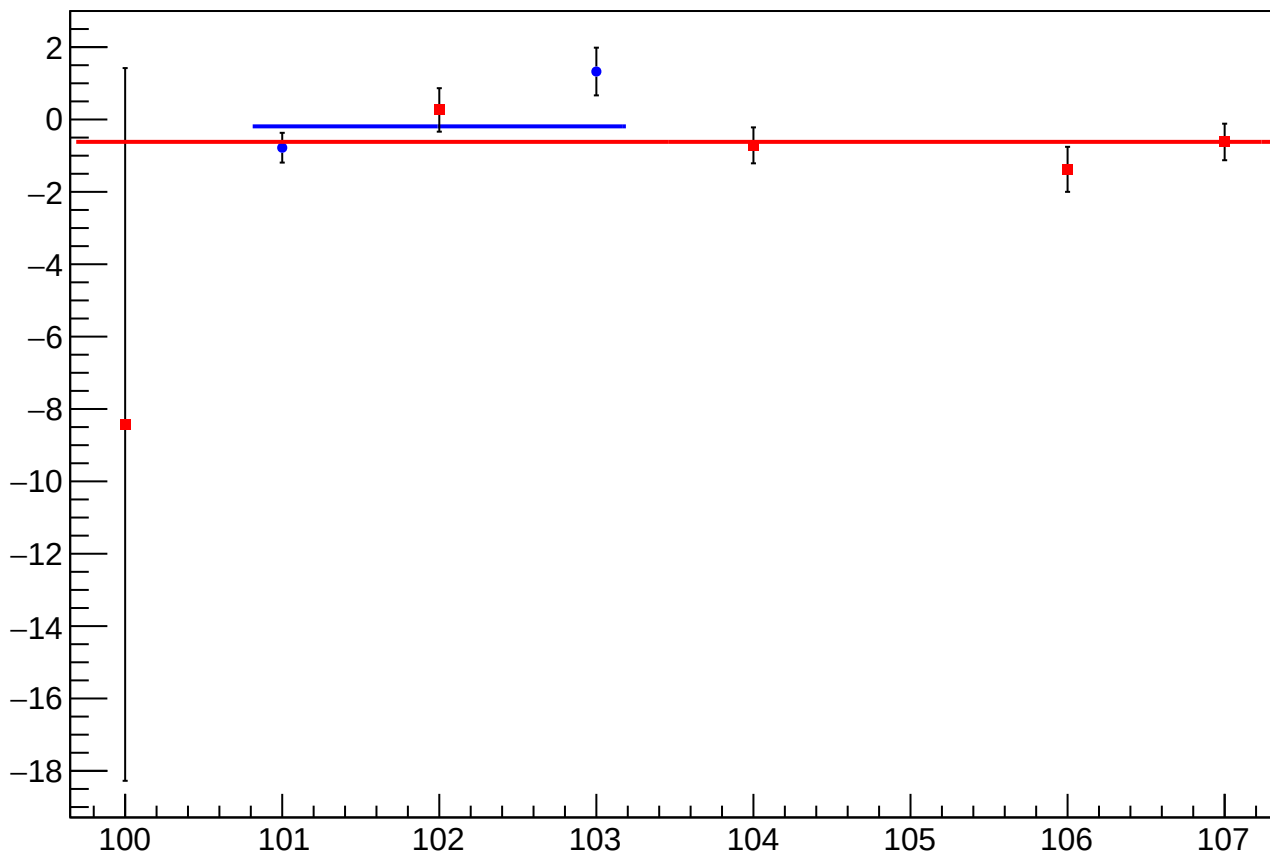
reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.696+/-0.392 χ^2/NDF : 0.0/1
 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: 0.574+/-0.258 χ^2/NDF : 0.6/6
 In: 0.696+/-0.392 χ^2/NDF : 0.0/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.574+/-0.258 χ^2/NDF : 0.6/6

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.190 ± 0.349 χ^2/NDF : 7.3/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.618 ± 0.274 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

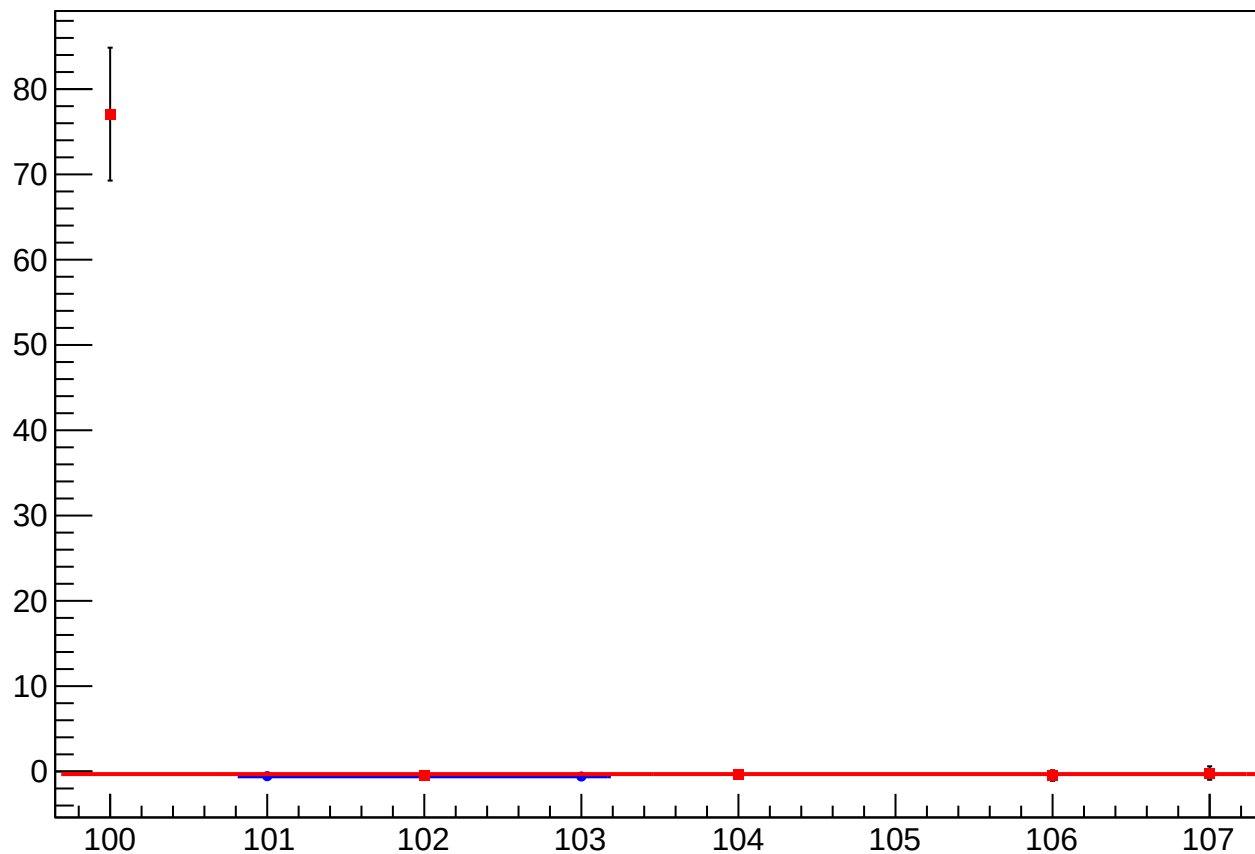
Right: -0.455 ± 0.215 χ^2/NDF : 12.6/6

In: -0.190 ± 0.349 χ^2/NDF : 7.3/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.455 ± 0.215 χ^2/NDF : 12.6/6

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.571 ± 0.307 $\chi^2/\text{NDF}: 0.0/1$

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 $\chi^2/\text{NDF}: 0.0/0$

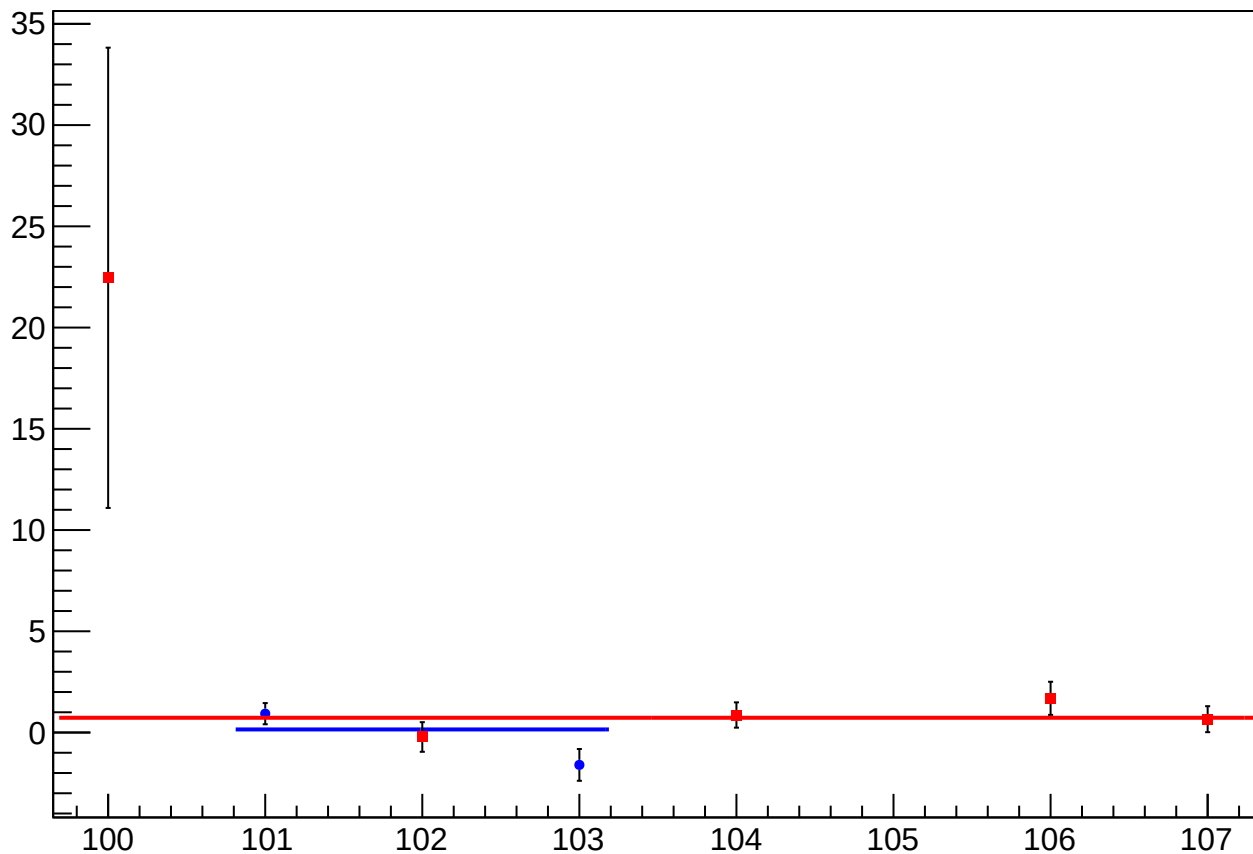
Right: -0.428 ± 0.206 $\chi^2/\text{NDF}: 99.3/6$

In: -0.571 ± 0.307 $\chi^2/\text{NDF}: 0.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.428 ± 0.206 $\chi^2/\text{NDF}: 99.3/6$

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.152+/-0.435 χ^2/NDF : 7.2/1

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

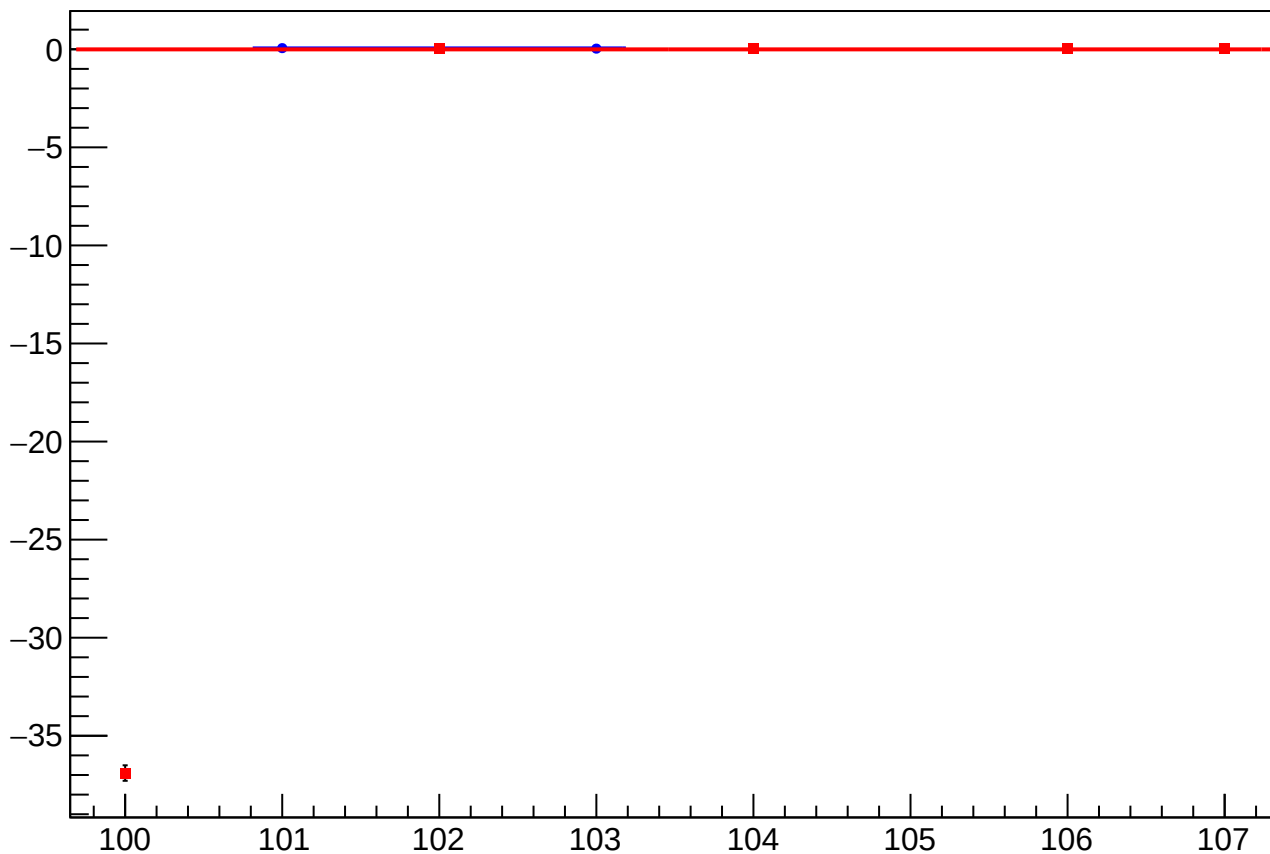
Right: 0.506+/-0.271 χ^2/NDF : 15.0/6

In: 0.152+/-0.435 χ^2/NDF : 7.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.506+/-0.271 χ^2/NDF : 15.0/6

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.044+/-0.015 χ^2/NDF : 0.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.005+/-0.012 χ^2/NDF : 8740.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

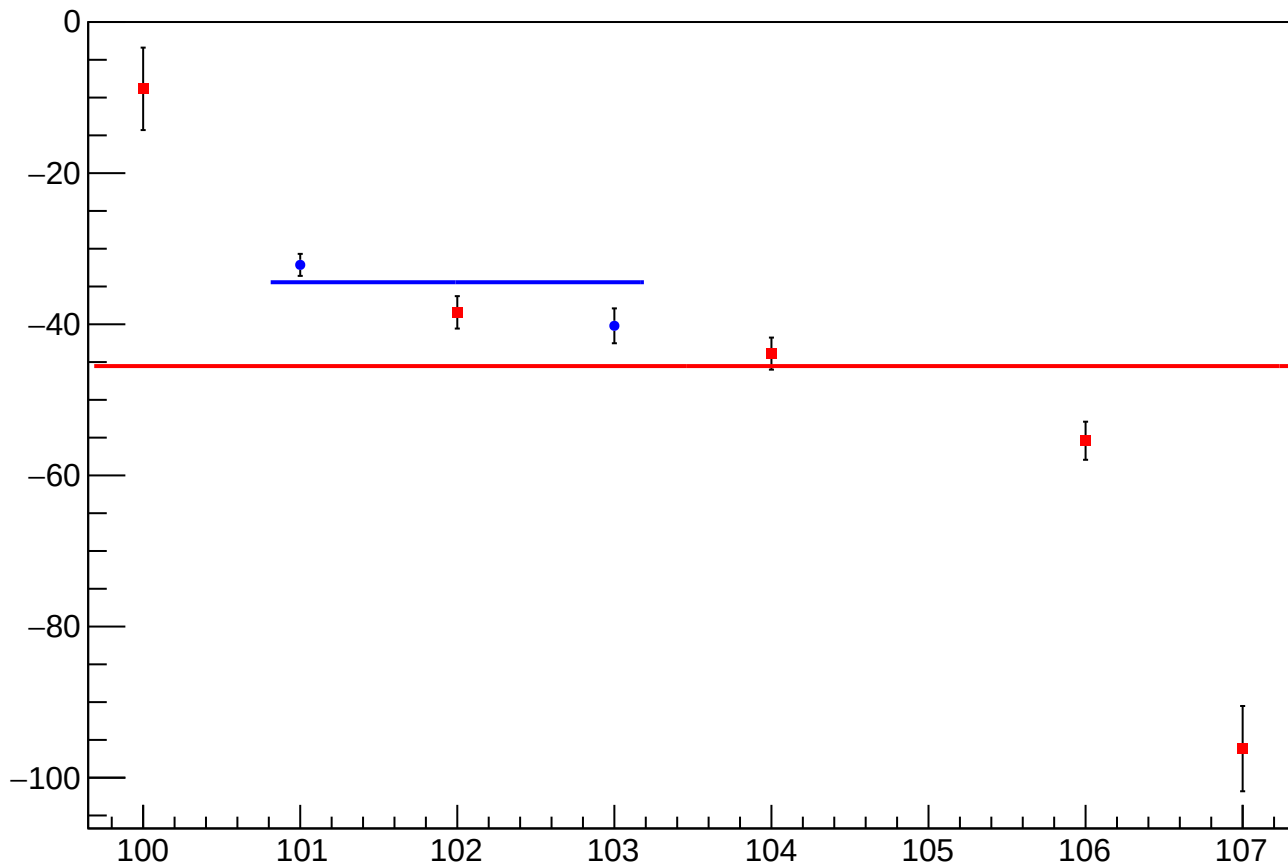
Right: 0.014+/-0.010 χ^2/NDF : 8747.6/6

In: 0.044+/-0.015 χ^2/NDF : 0.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.010 χ^2/NDF : 8747.6/6

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -34.436 $\pm$ 1.232 χ^2 /NDF: 8.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -45.531 $\pm$ 1.229 χ^2 /NDF: 152.7/4

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

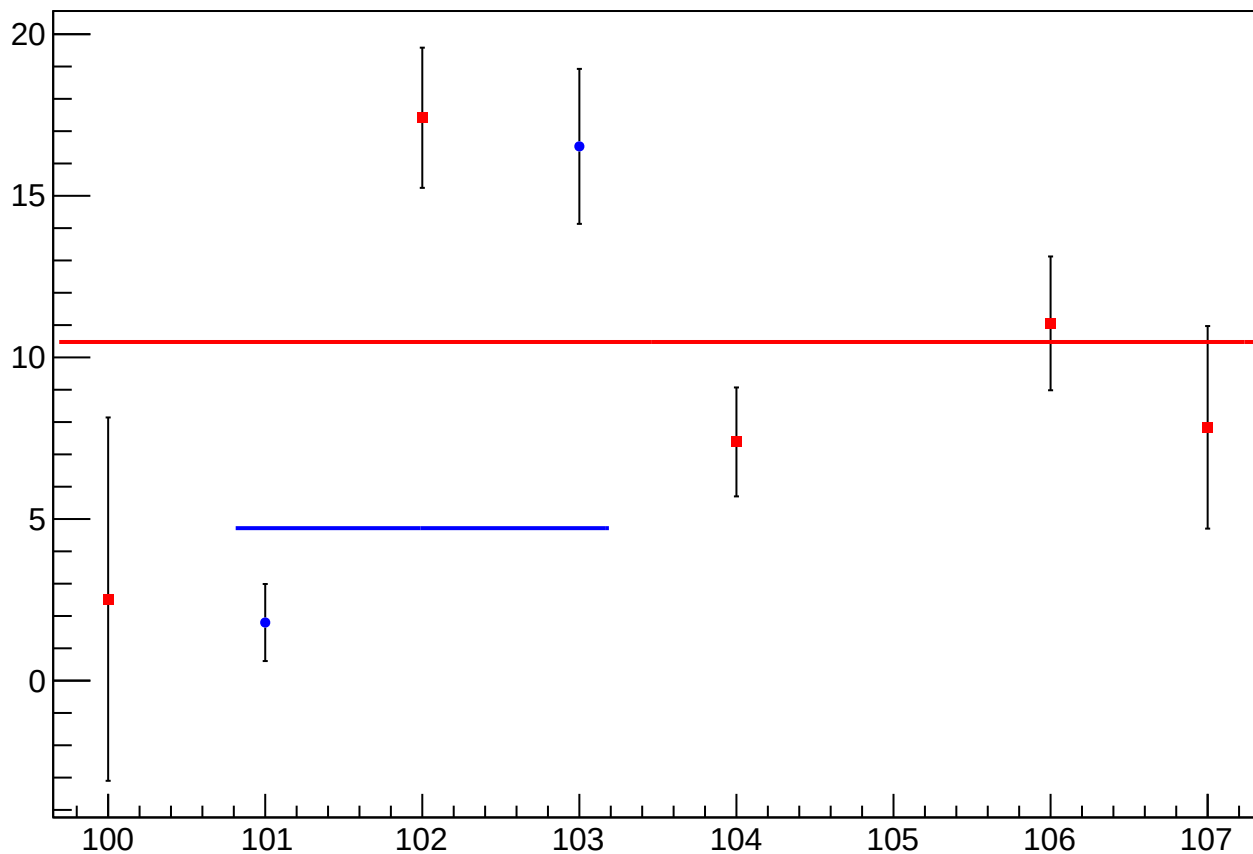
Right: -39.995 $\pm$ 0.870 χ^2 /NDF: 202.0/6

In: -34.436 $\pm$ 1.232 χ^2 /NDF: 8.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -39.995 $\pm$ 0.870 χ^2 /NDF: 202.0/6

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.717+/-1.067 χ^2/NDF : 30.3/1

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

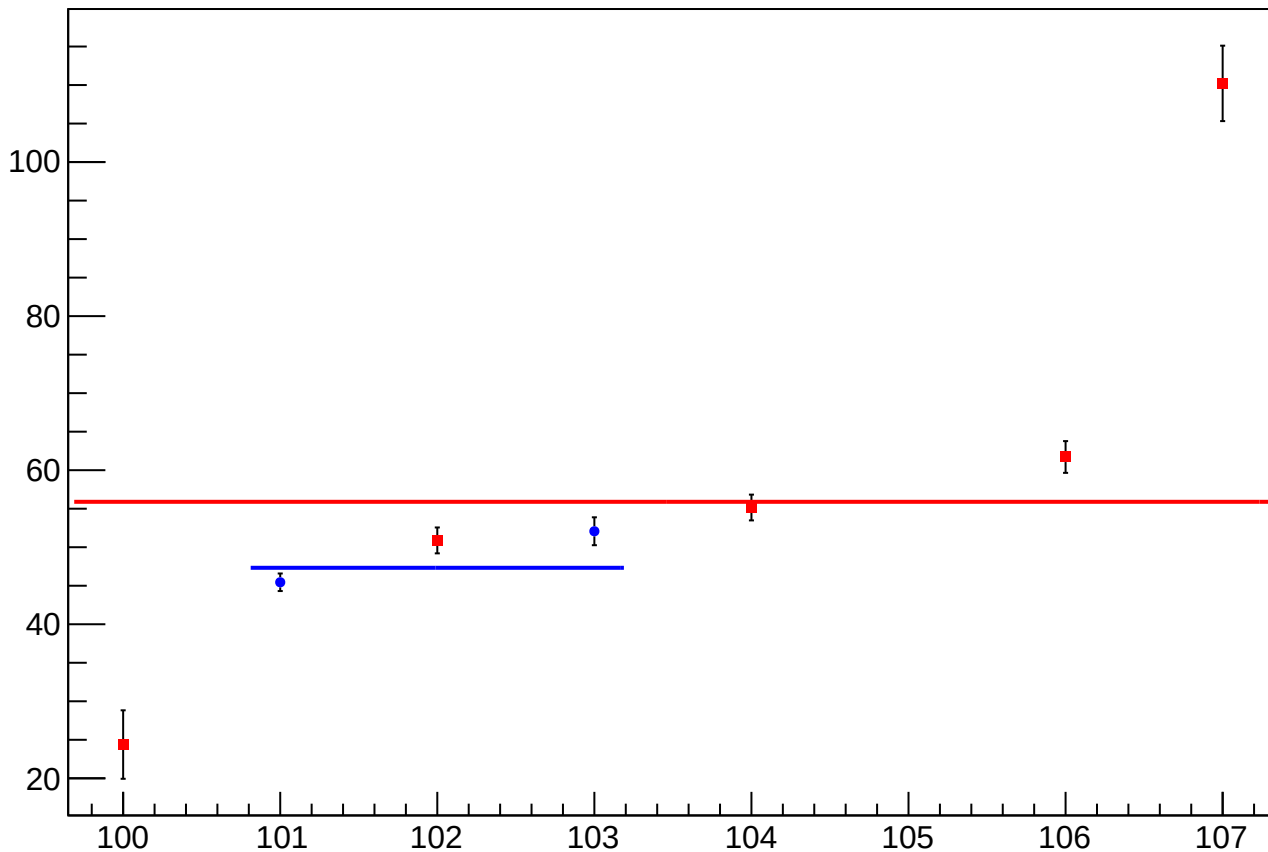
Right: 7.683+/-0.743 χ^2/NDF : 61.7/6

In: 4.717+/-1.067 χ^2/NDF : 30.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.683+/-0.743 χ^2/NDF : 61.7/6

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 47.329+/-0.965 χ^2/NDF : 9.6/1

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

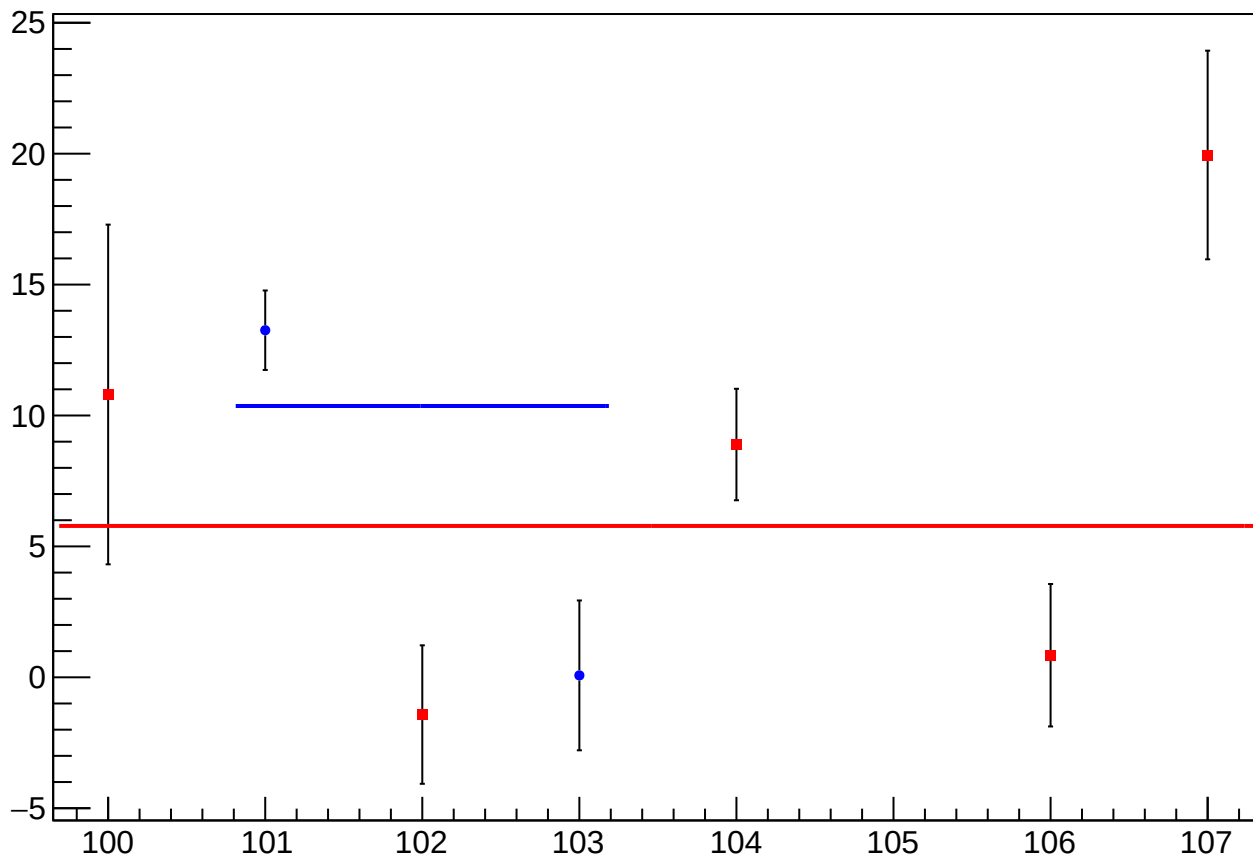
Right: 51.541+/-0.688 χ^2/NDF : 238.7/6

In: 47.329+/-0.965 χ^2/NDF : 9.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.541+/-0.688 χ^2/NDF : 238.7/6

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.363+/-1.341 χ^2/NDF : 16.6/1

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

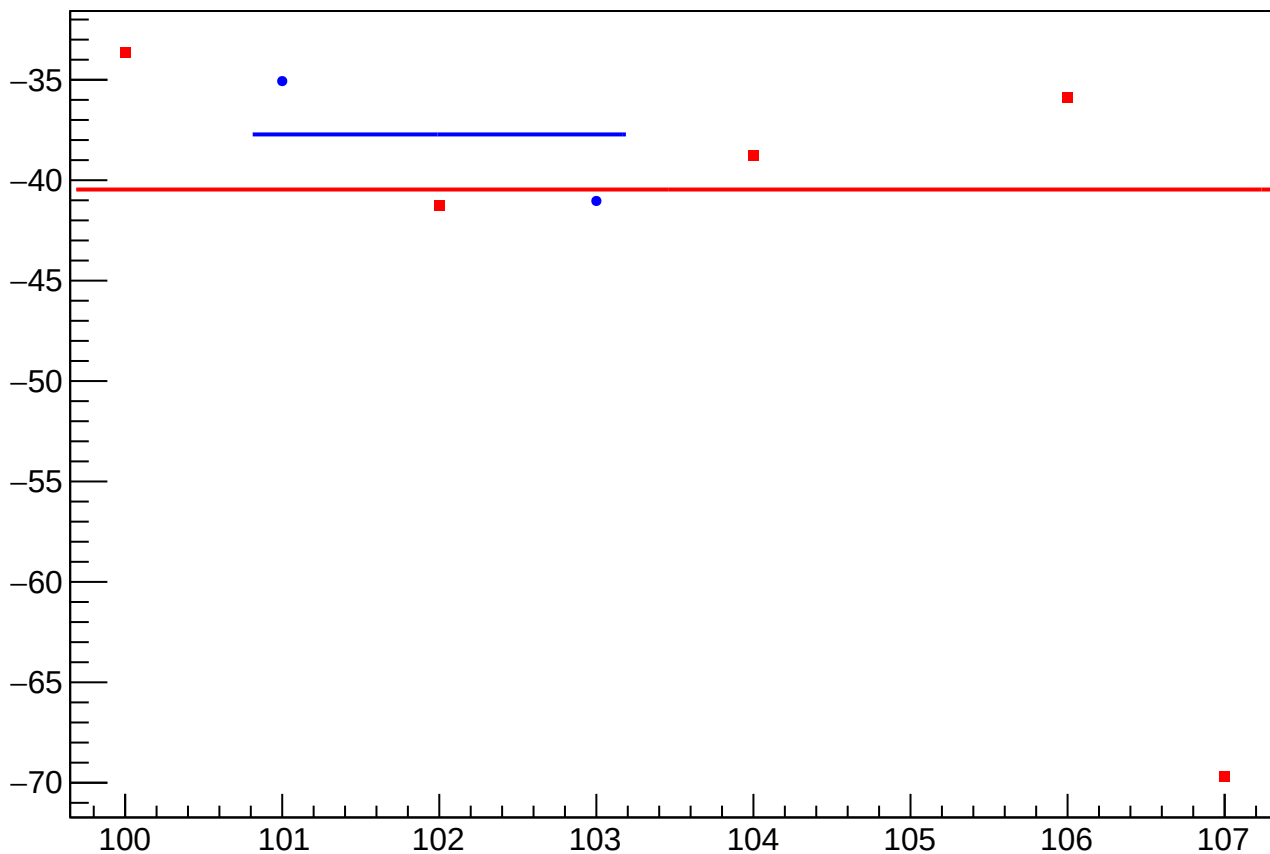
Right: 8.014+/-0.936 χ^2/NDF : 48.6/6

In: 10.363+/-1.341 χ^2/NDF : 16.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.014+/-0.936 χ^2/NDF : 48.6/6

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -37.720 ± 0.051 χ^2/NDF : 3433.7/1

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

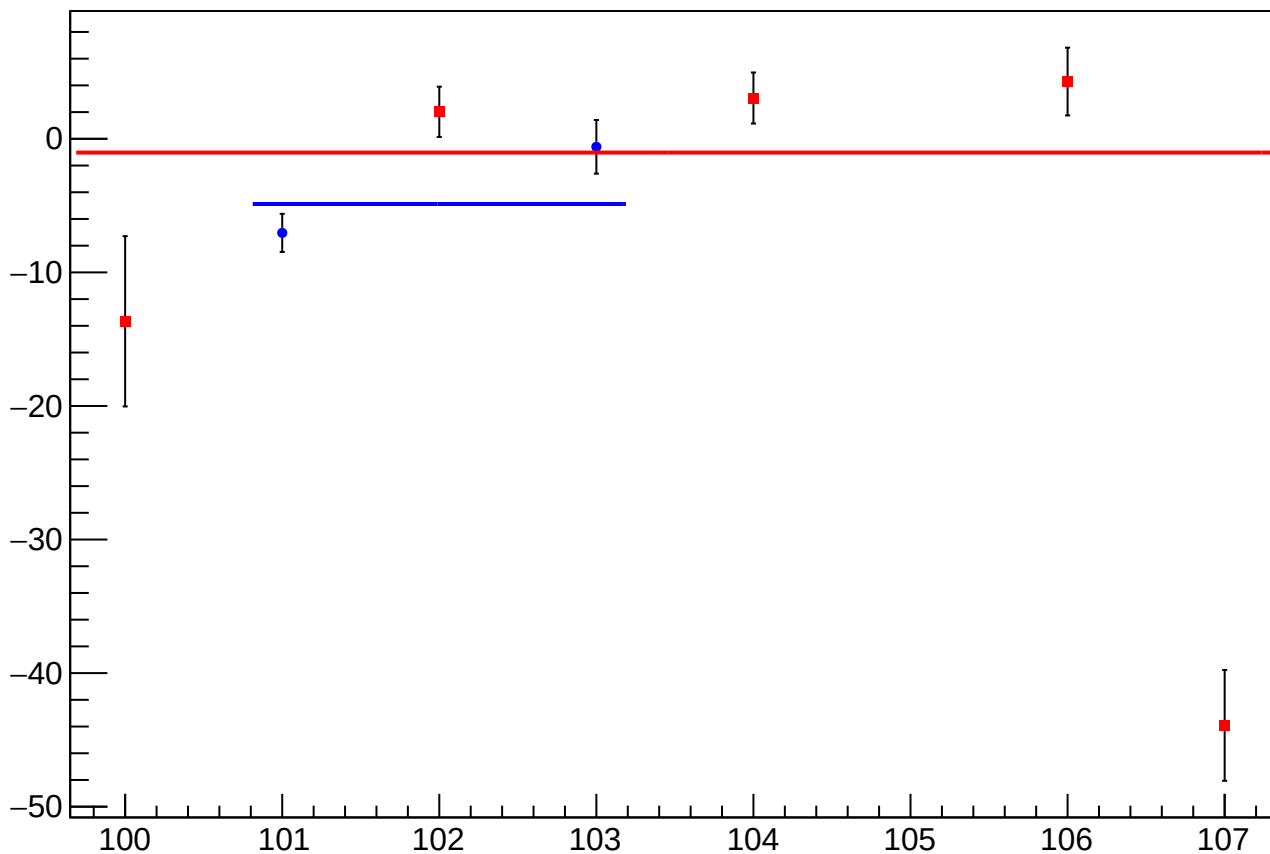
Right: -39.243 ± 0.034 χ^2/NDF : 30343.8/6

In: -37.720 ± 0.051 χ^2/NDF : 3433.7/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.243 ± 0.034 χ^2/NDF : 30343.8/6

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.880+/-1.164 χ^2 /NDF: 6.8/1

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

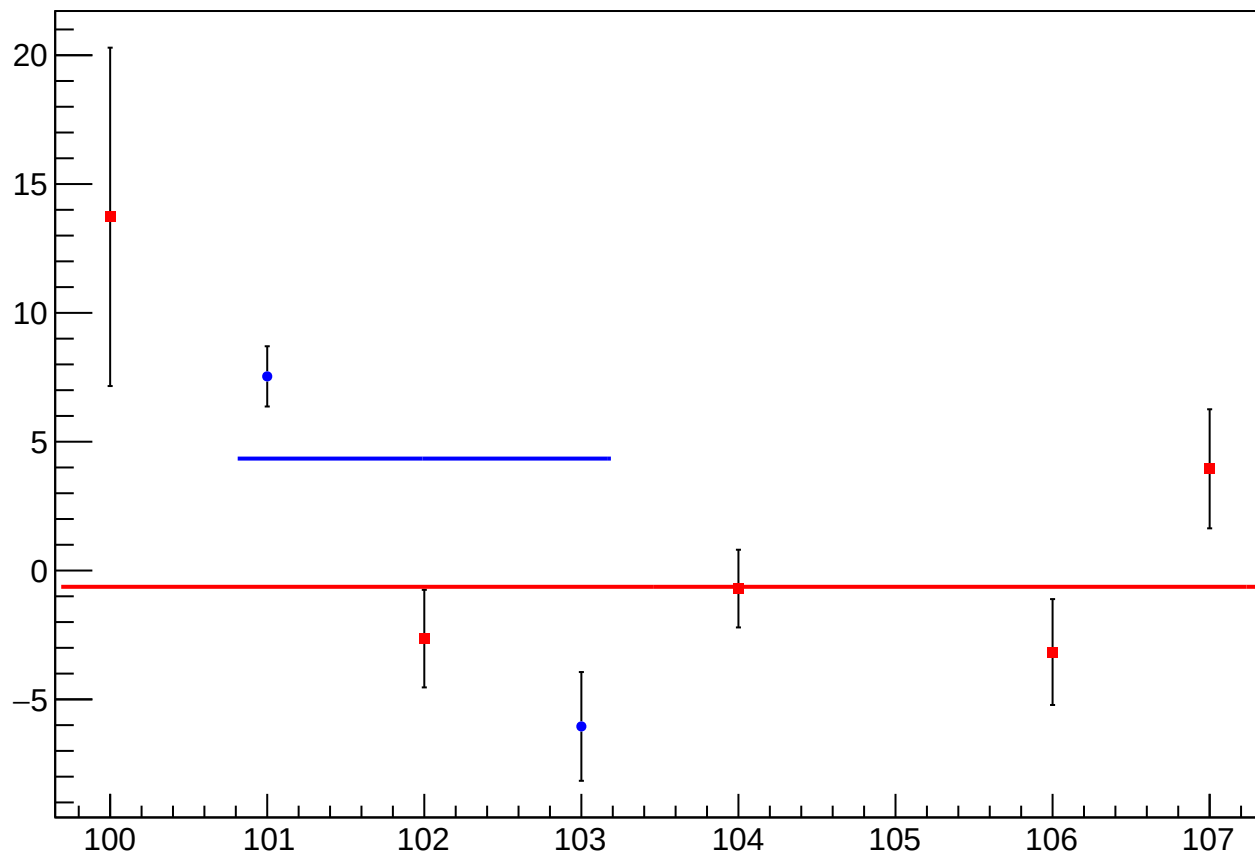
Right: -2.883+/-0.808 χ^2 /NDF: 135.0/6

In: -4.880+/-1.164 χ^2 /NDF:6.8/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2.883+/-0.808 χ^2 /NDF: 135.0/6

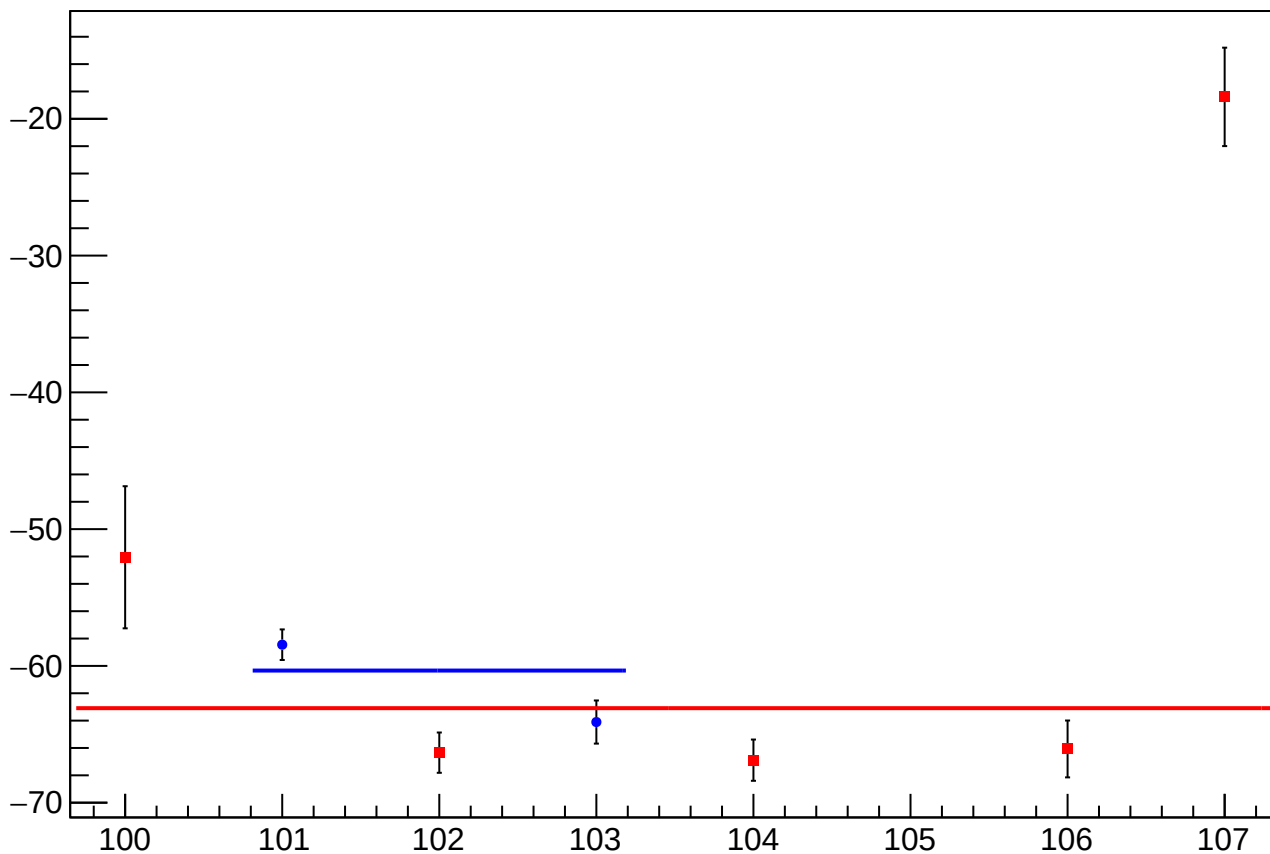
reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.345 ± 1.023 $\chi^2/\text{NDF}: 31.7/1$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -0.631 ± 0.926 $\chi^2/\text{NDF}: 11.4/4$
 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: 1.611 ± 0.686 $\chi^2/\text{NDF}: 56.1/6$
 In: 4.345 ± 1.023 $\chi^2/\text{NDF}: 31.7/1$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 1.611 ± 0.686 $\chi^2/\text{NDF}: 56.1/6$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -60.340 $\pm$ 0.912 χ^2 /NDF: 8.6/1

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

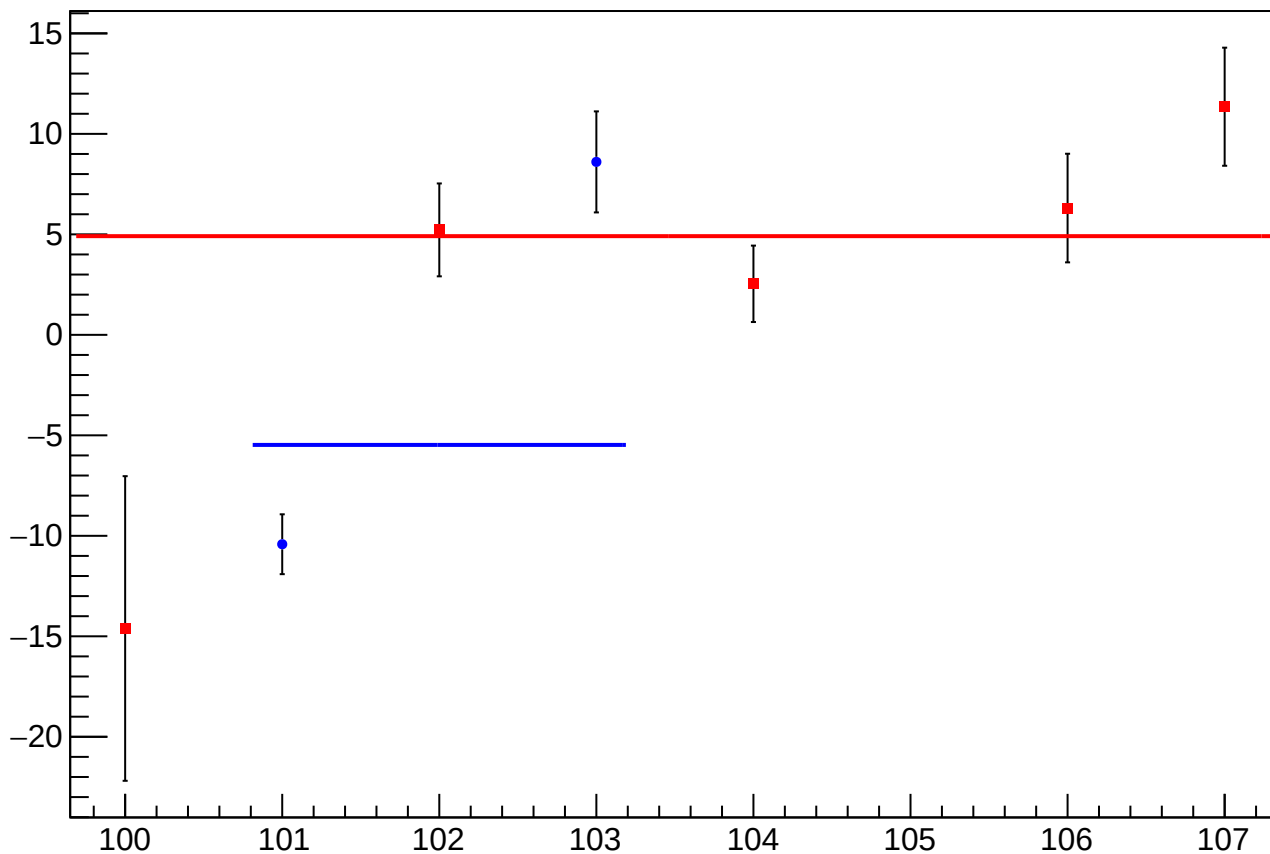
Right: -61.739 $\pm$ 0.639 χ^2 /NDF: 185.3/6

In: -60.340 $\pm$ 0.912 χ^2 /NDF: 8.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -61.739 $\pm$ 0.639 χ^2 /NDF: 185.3/6

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.477+/-1.281 χ^2/NDF : 42.4/1

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

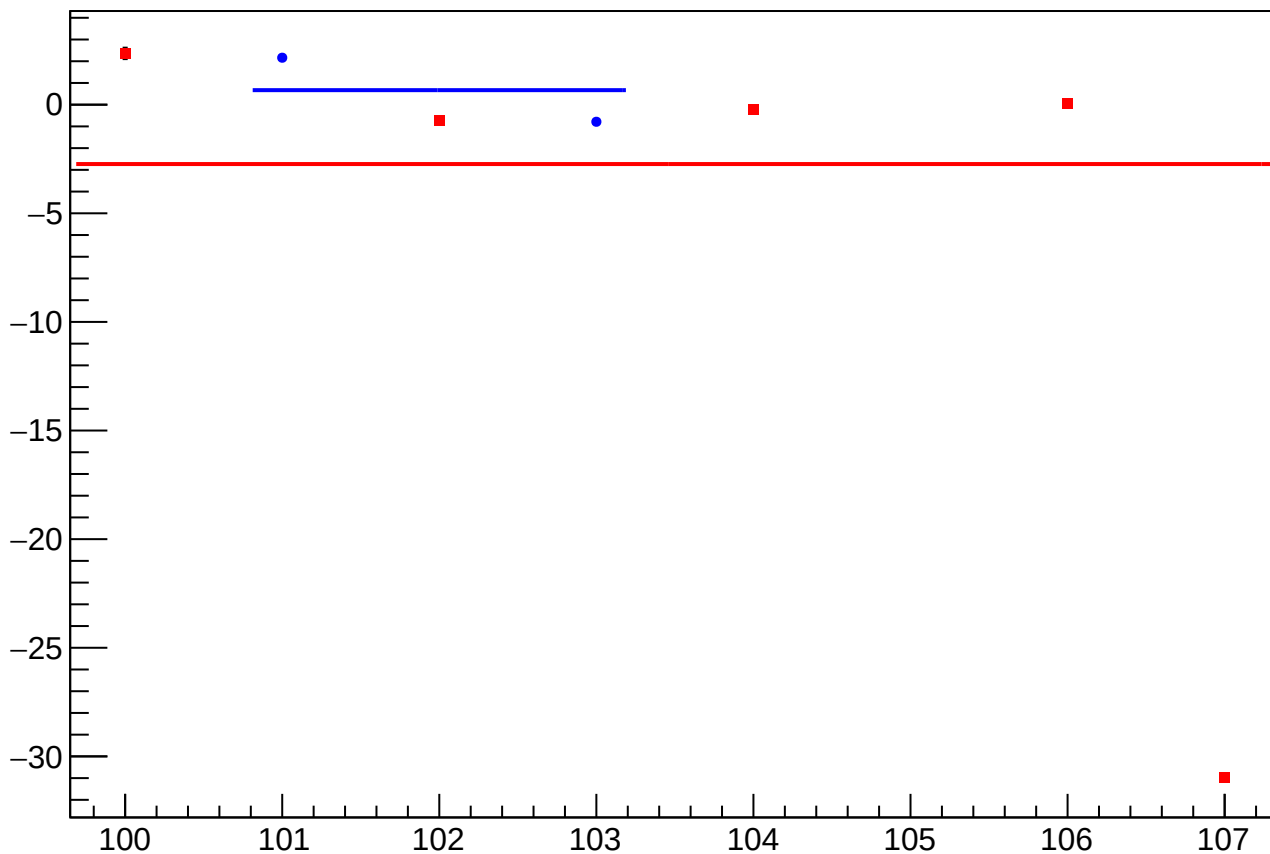
Right: 0.200+/-0.863 χ^2/NDF : 91.6/6

In: -5.477+/-1.281 χ^2/NDF : 42.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.200+/-0.863 χ^2/NDF : 91.6/6

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.669 ± 0.047 $\chi^2/\text{NDF}: 990.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -2.733 ± 0.041 $\chi^2/\text{NDF}: 40684.7/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

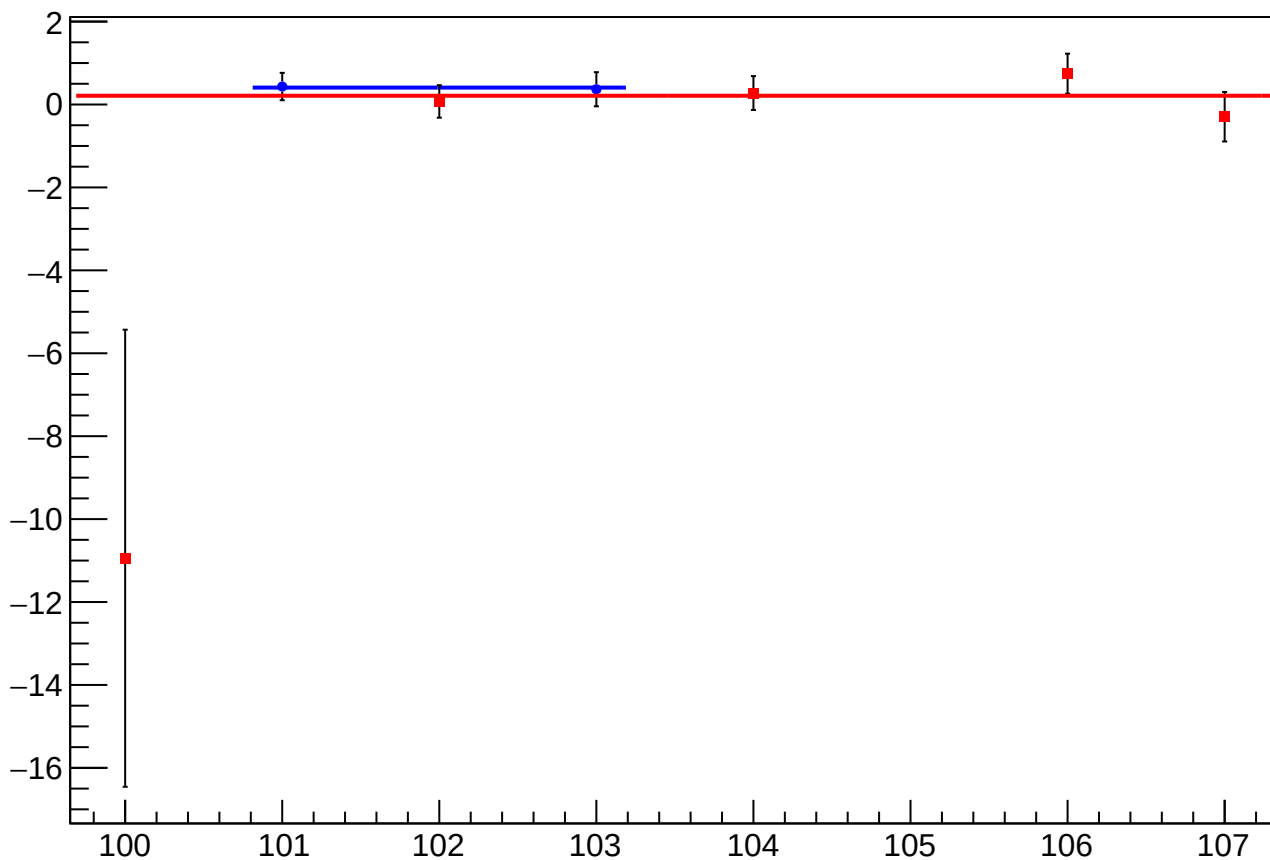
Right: -1.258 ± 0.031 $\chi^2/\text{NDF}: 44663.8/6$

In: 0.669 ± 0.047 $\chi^2/\text{NDF}: 990.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.258 ± 0.031 $\chi^2/\text{NDF}: 44663.8/6$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.408+/-0.258 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.211+/-0.225 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

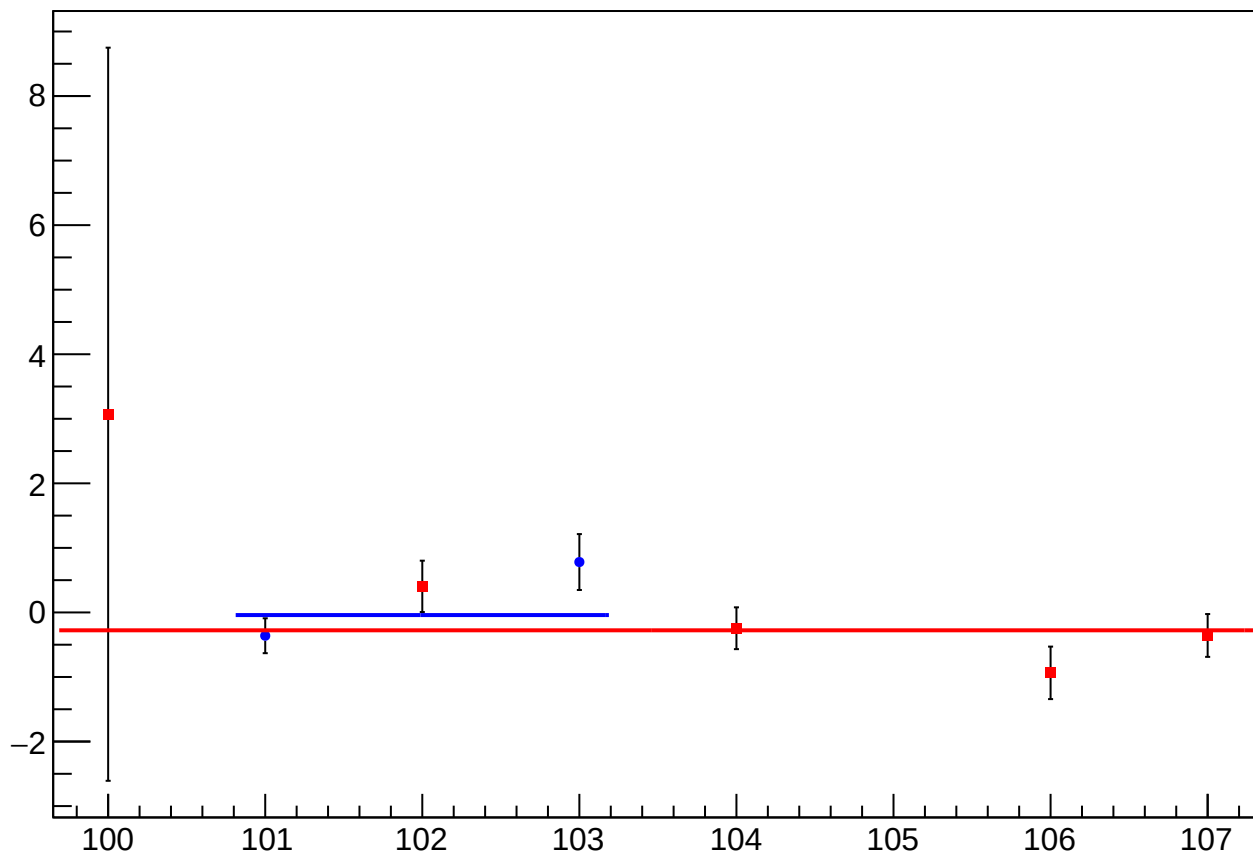
Right: 0.296+/-0.170 χ^2/NDF : 6.5/6

In: 0.408+/-0.258 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.296+/-0.170 χ^2/NDF : 6.5/6

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.041+/-0.229 χ^2 /NDF: 5.0/1

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

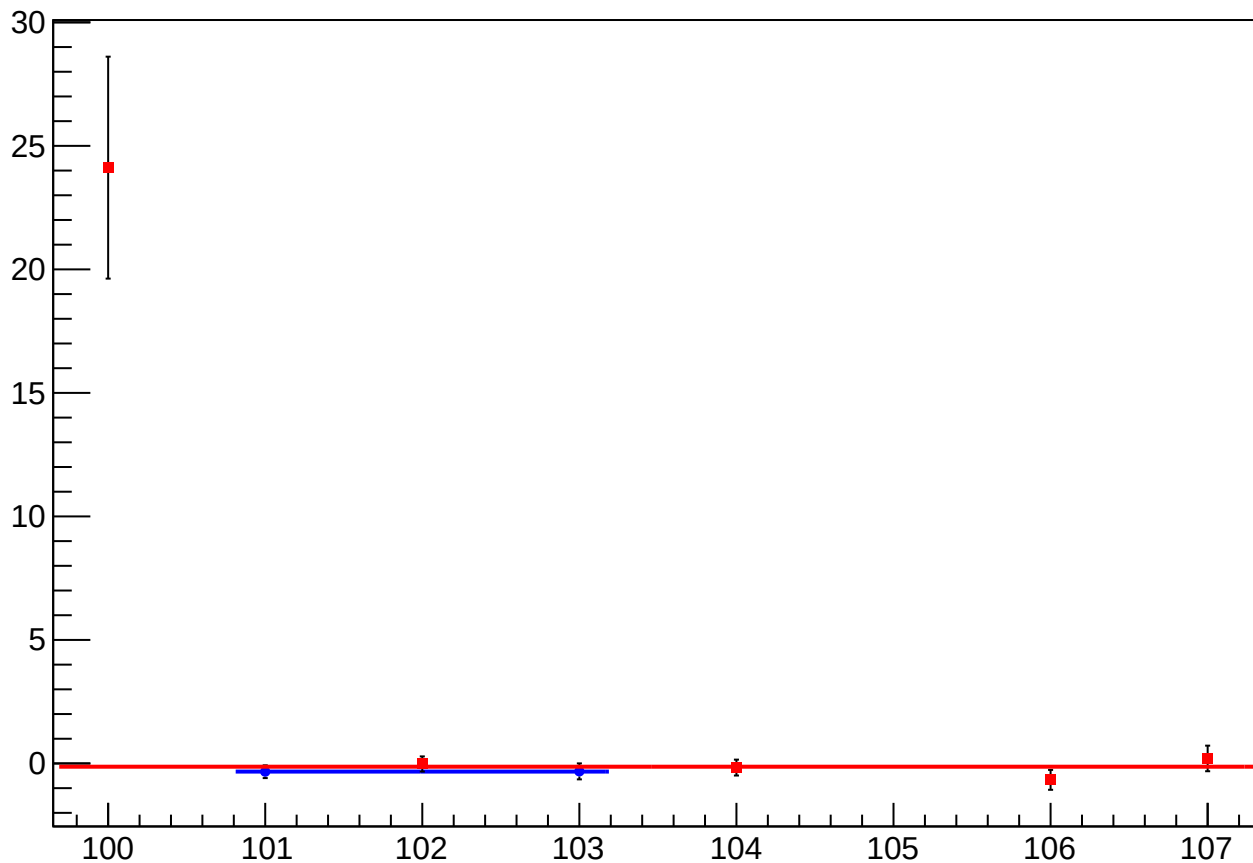
Right: -0.187+/-0.141 χ^2 /NDF: 11.6/6

In: -0.041+/-0.229 χ^2 /NDF:5.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.187+/-0.141 χ^2 /NDF: 11.6/6

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.329+/-0.202 χ^2/NDF : 0.0/1

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

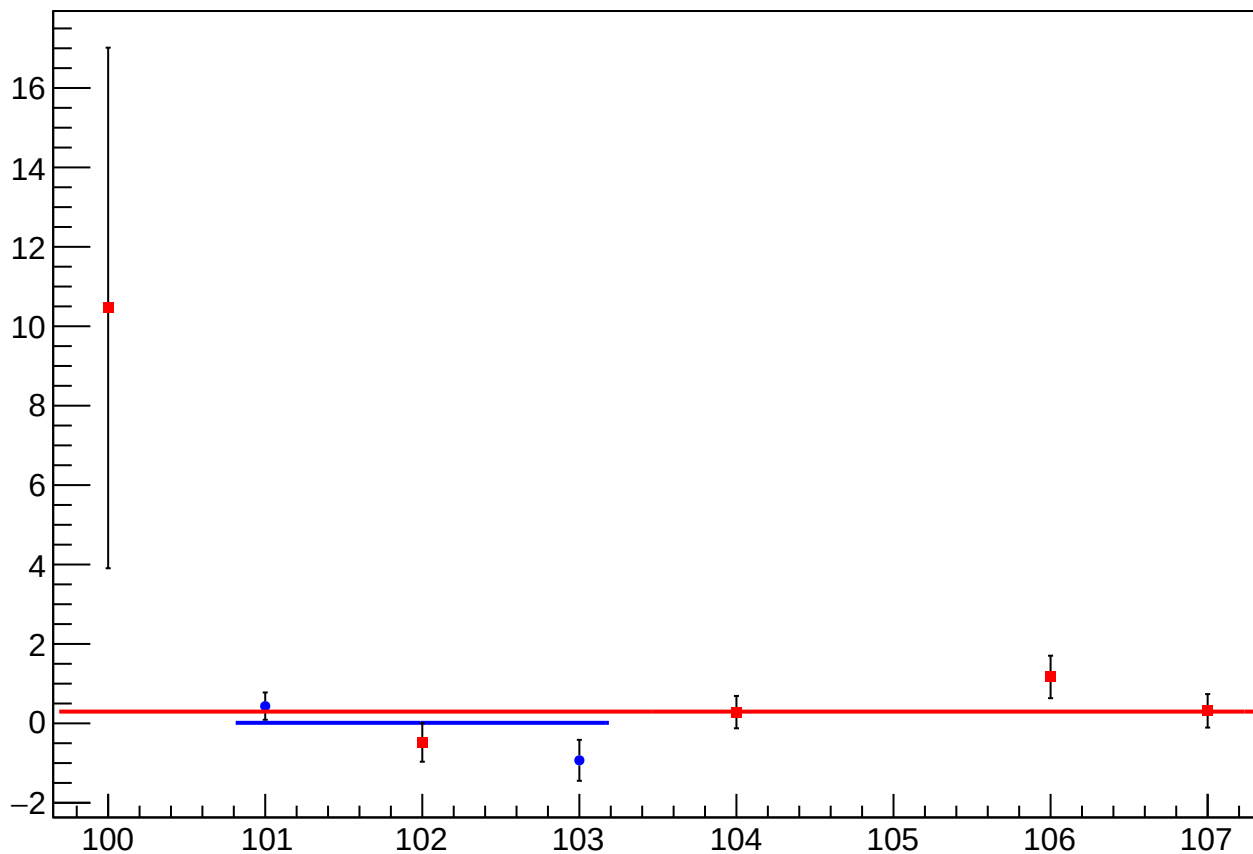
Right: -0.220+/-0.135 χ^2/NDF : 32.0/6

In: -0.329+/-0.202 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.220+/-0.135 χ^2/NDF : 32.0/6

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.286 χ^2 /NDF: 4.9/1

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

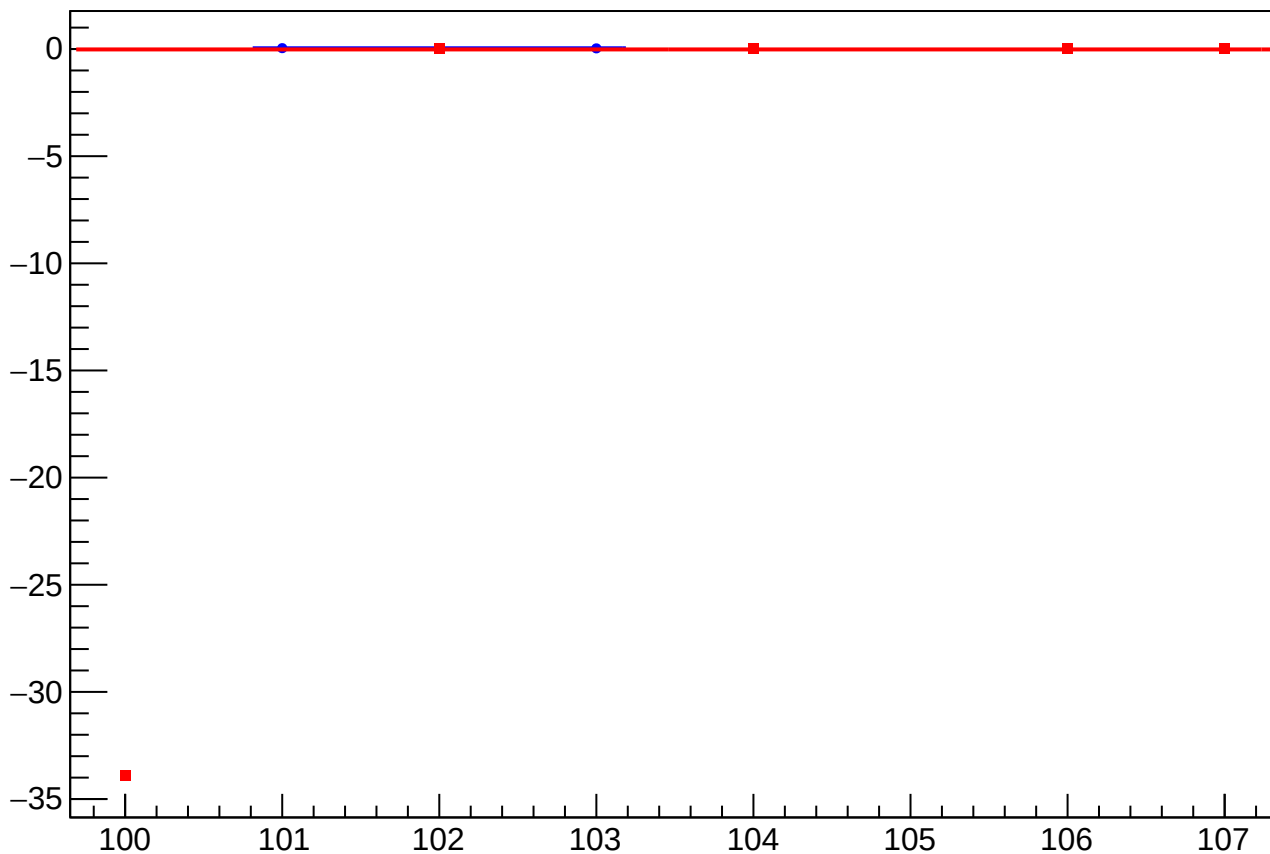
Right: 0.187 $\pm$ 0.178 χ^2 /NDF: 13.1/6

In: 0.014 $\pm$ 0.286 χ^2 /NDF:4.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.187 $\pm$ 0.178 χ^2 /NDF: 13.1/6

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.036+/-0.010 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.018+/-0.008 χ^2/NDF : 22229.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

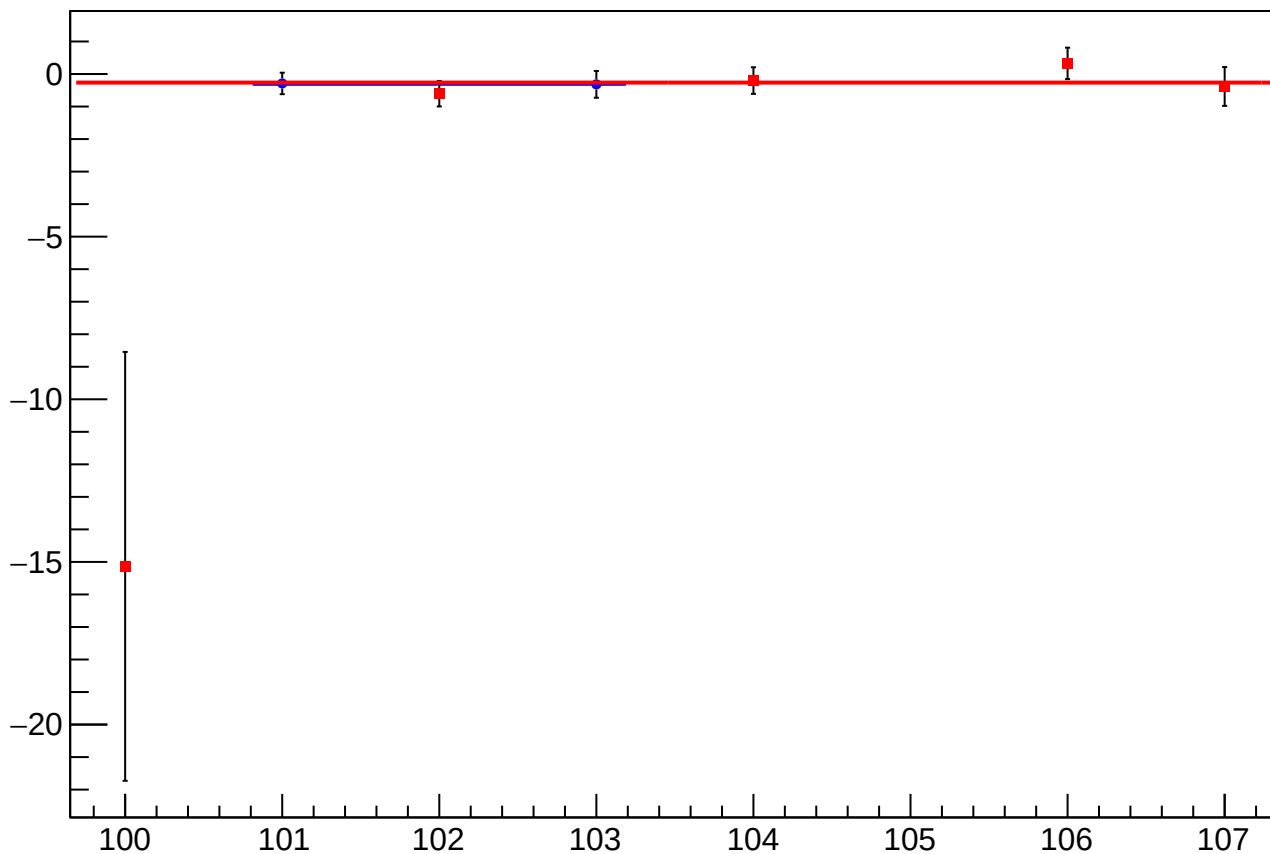
Right: 0.003+/-0.006 χ^2/NDF : 22246.4/6

In: 0.036+/-0.010 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.006 χ^2/NDF : 22246.4/6

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.301+/-0.258 χ^2/NDF : 0.0/1

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

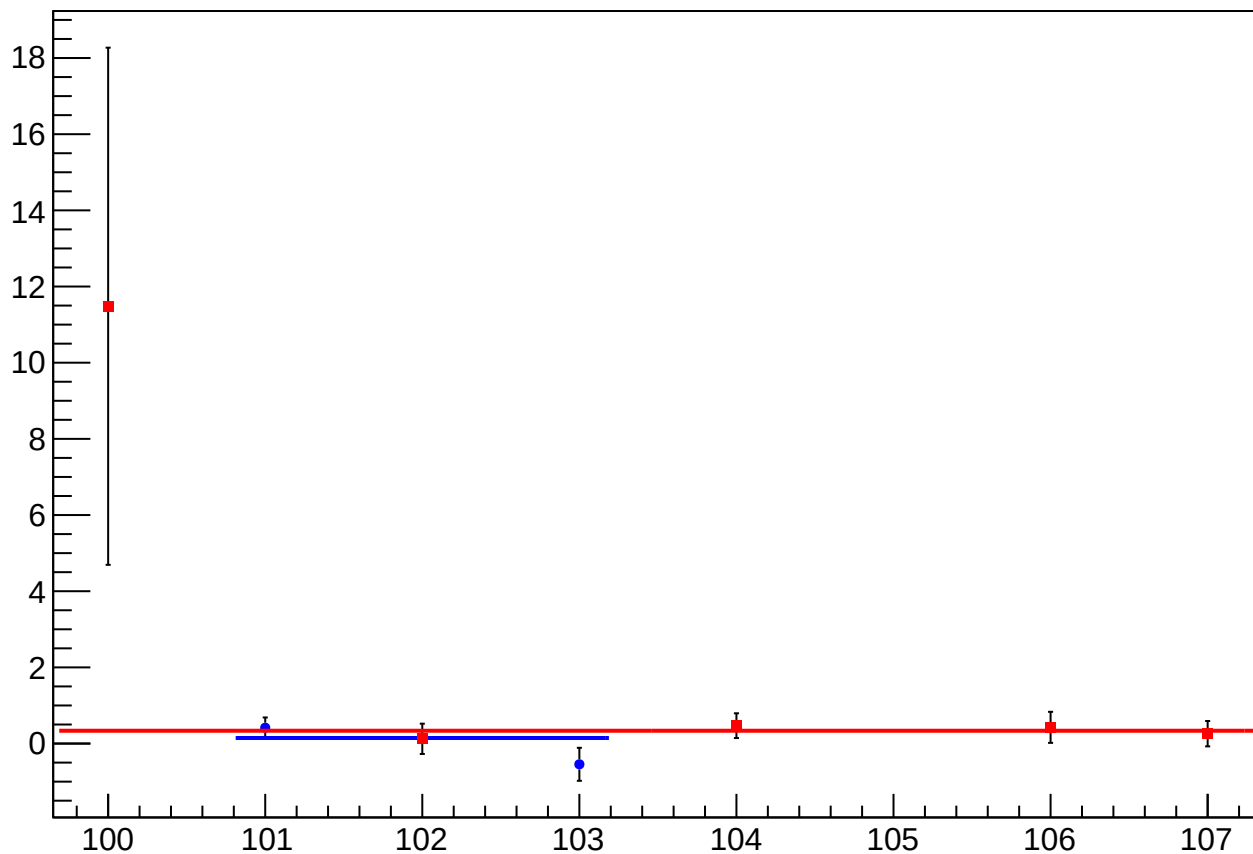
Right: -0.280+/-0.170 χ^2/NDF : 7.4/6

In: -0.301+/-0.258 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.280+/-0.170 χ^2/NDF : 7.4/6

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.146+/-0.229 χ^2/NDF : 3.5/1

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

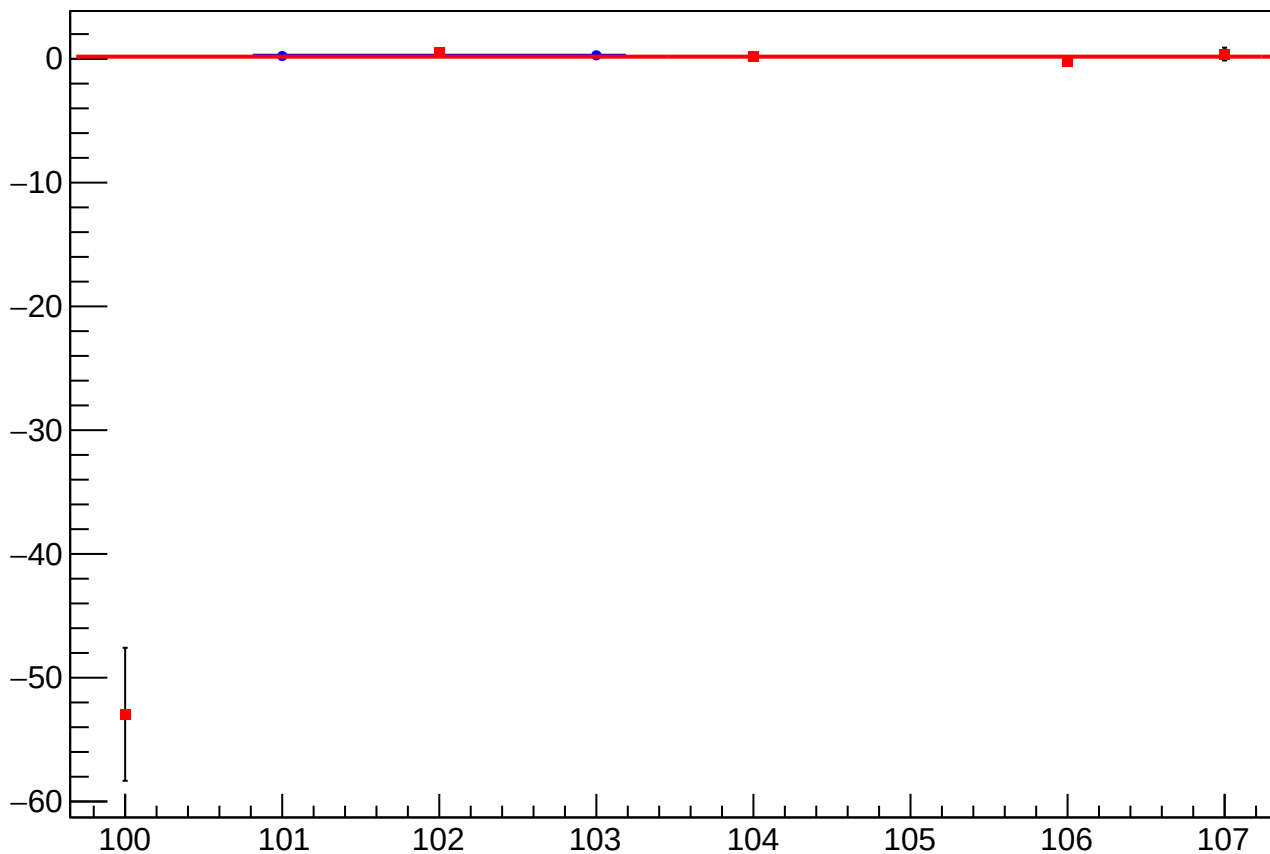
Right: 0.264+/-0.142 χ^2/NDF : 7.2/6

In: 0.146+/-0.229 χ^2/NDF : 3.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.264+/-0.142 χ^2/NDF : 7.2/6

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.251+/-0.202 χ^2/NDF : 0.0/1

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

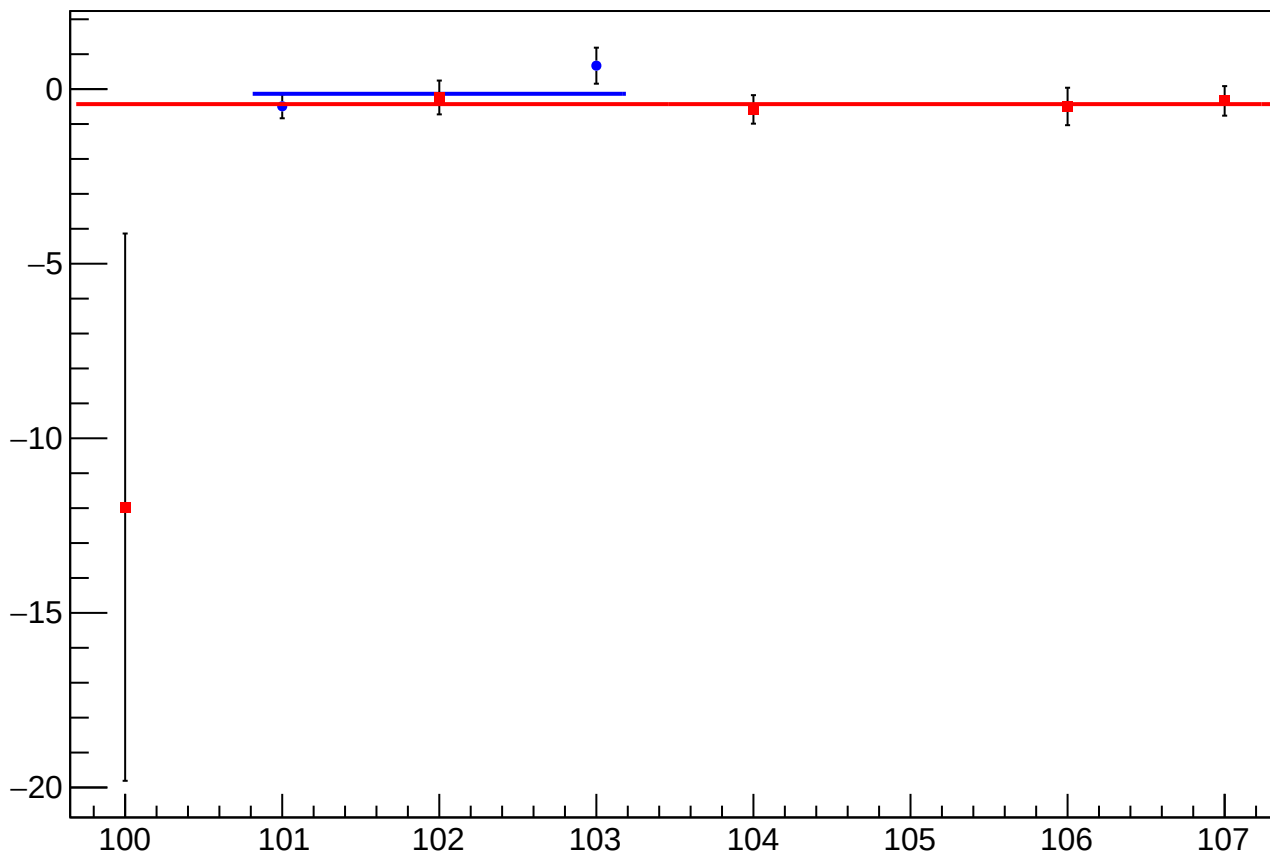
Right: 0.210+/-0.135 χ^2/NDF : 100.0/6

In: 0.251+/-0.202 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.210+/-0.135 χ^2/NDF : 100.0/6

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.134 $\pm$ 0.286 χ^2 /NDF: 3.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.430 $\pm$ 0.227 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

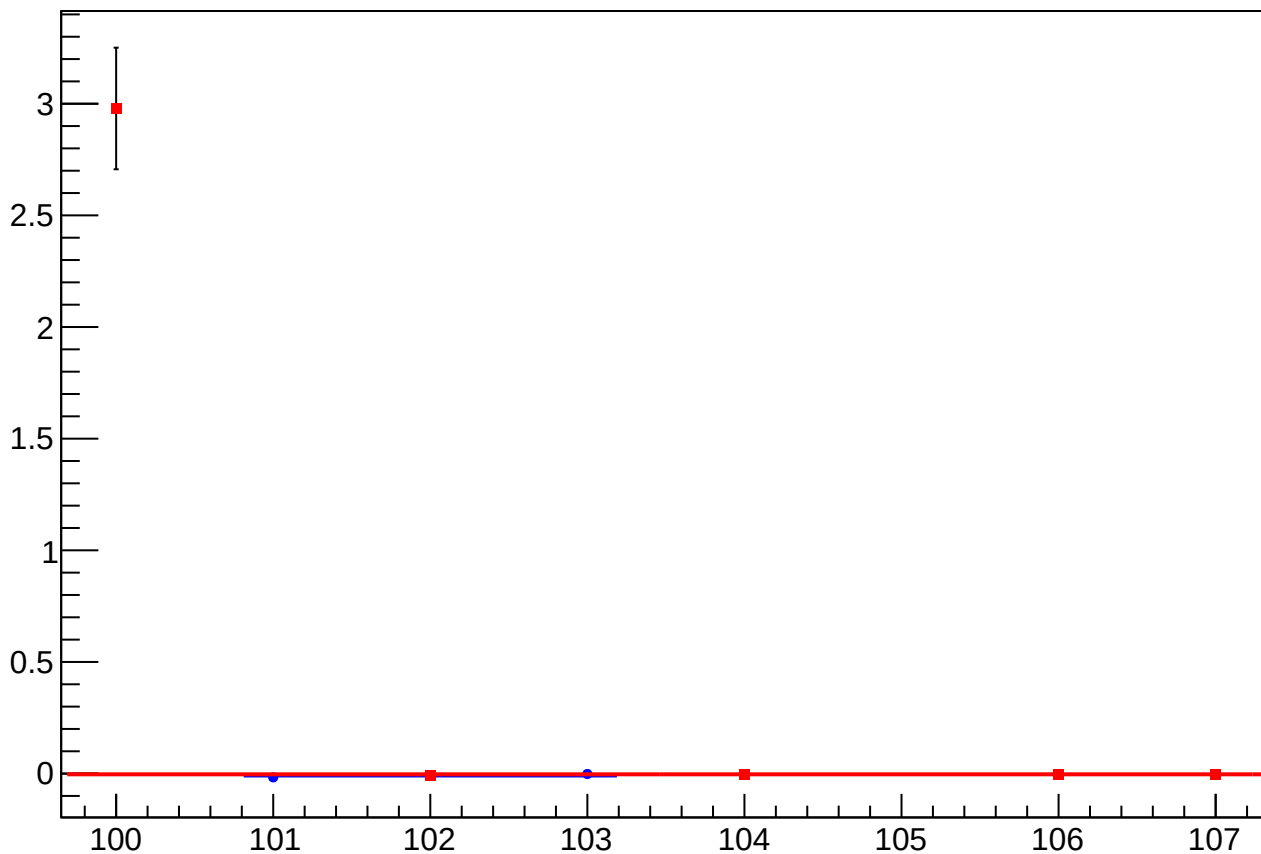
Right: -0.315 $\pm$ 0.178 χ^2 /NDF: 6.7/6

In: -0.134 $\pm$ 0.286 χ^2 /NDF:3.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.315 $\pm$ 0.178 χ^2 /NDF: 6.7/6

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.008 $\pm$ 0.010 χ^2 /NDF: 0.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.003 $\pm$ 0.008 χ^2 /NDF: 120.1/4

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

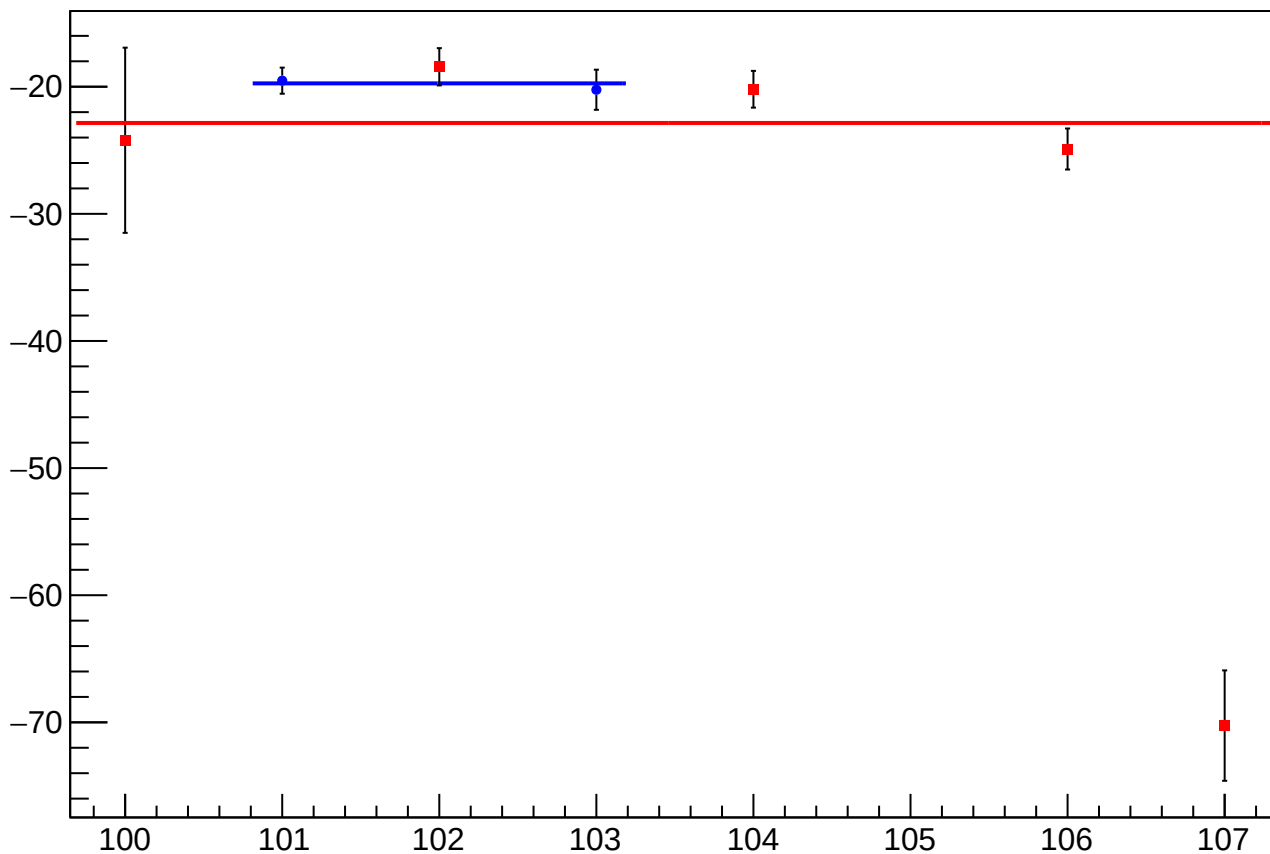
Right: -0.005 $\pm$ 0.006 χ^2 /NDF: 120.8/6

In: -0.008 $\pm$ 0.010 χ^2 /NDF: 0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.005 $\pm$ 0.006 χ^2 /NDF: 120.8/6

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -19.737 $\pm$ 0.861 χ^2 /NDF: 0.1/1

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

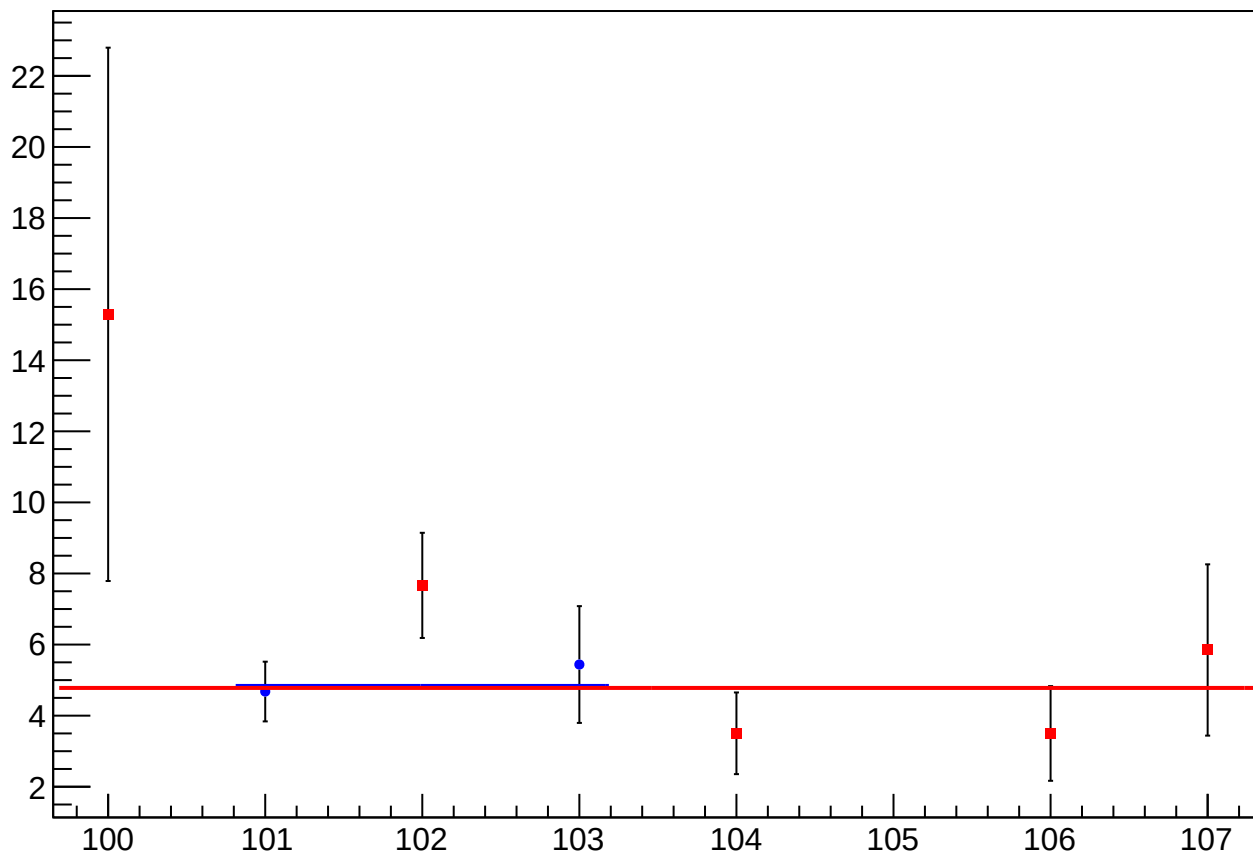
Right: -21.322 $\pm$ 0.603 χ^2 /NDF: 140.1/6

In: -19.737 $\pm$ 0.861 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -21.322 $\pm$ 0.603 χ^2 /NDF: 140.1/6

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.836 $\pm$ 0.748 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.780 $\pm$ 0.713 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

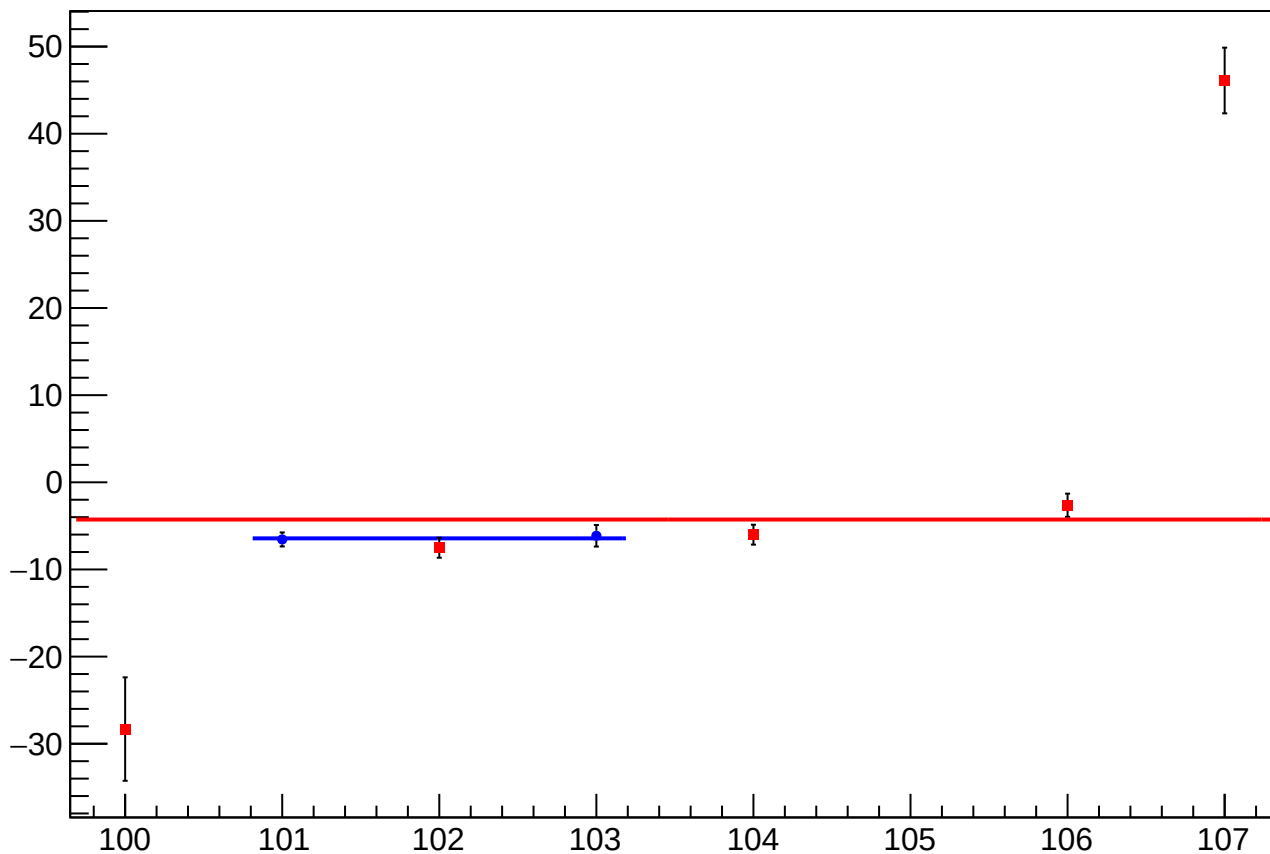
Right: 4.807 $\pm$ 0.516 χ^2 /NDF: 8.3/6

In: 4.836 $\pm$ 0.748 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.807 $\pm$ 0.516 χ^2 /NDF: 8.3/6

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -6.432+/-0.674 χ^2/NDF : 0.1/1

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

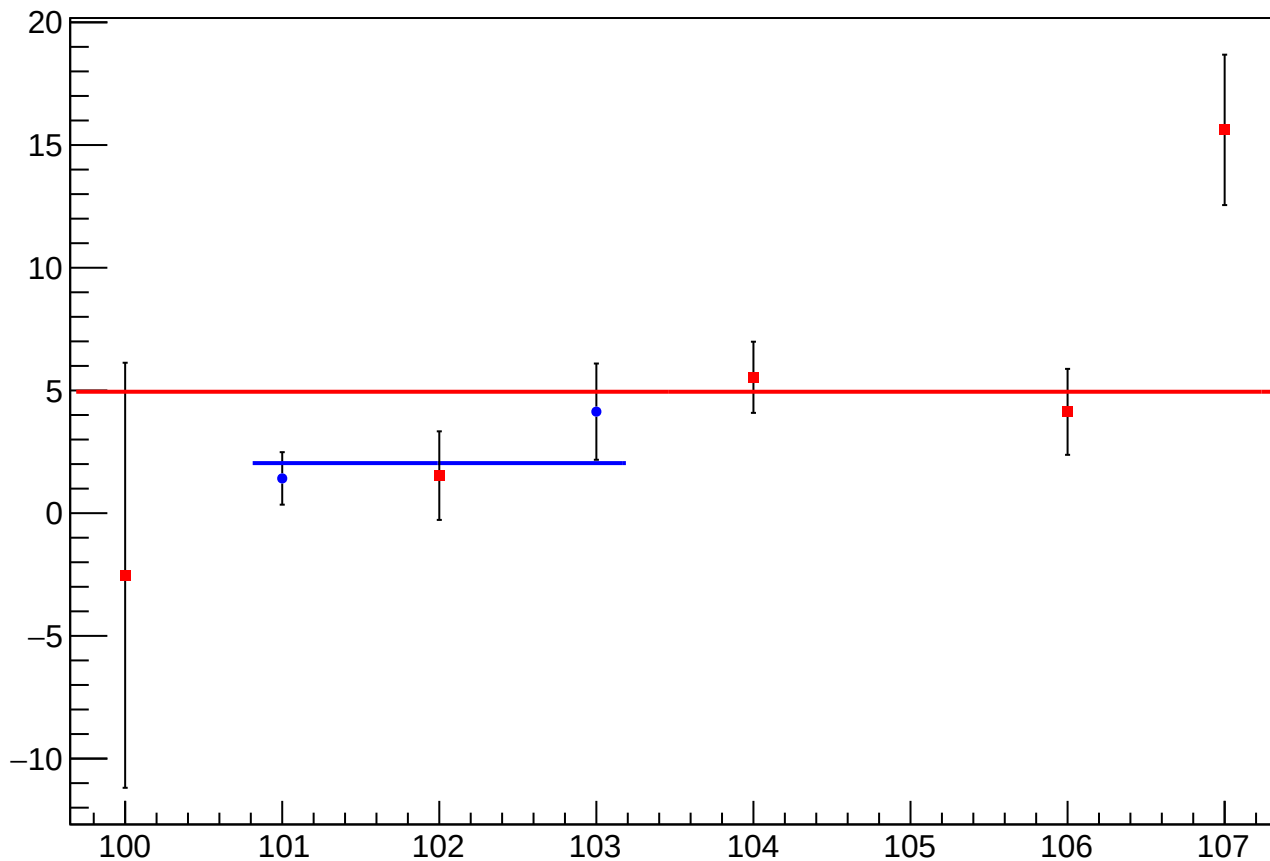
Right: -5.354+/-0.477 χ^2/NDF : 212.1/6

In: -6.432+/-0.674 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.354+/-0.477 χ^2/NDF : 212.1/6

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.040 $\pm$ 0.939 χ^2 /NDF: 1.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.948 $\pm$ 0.902 χ^2 /NDF: 16.8/4

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

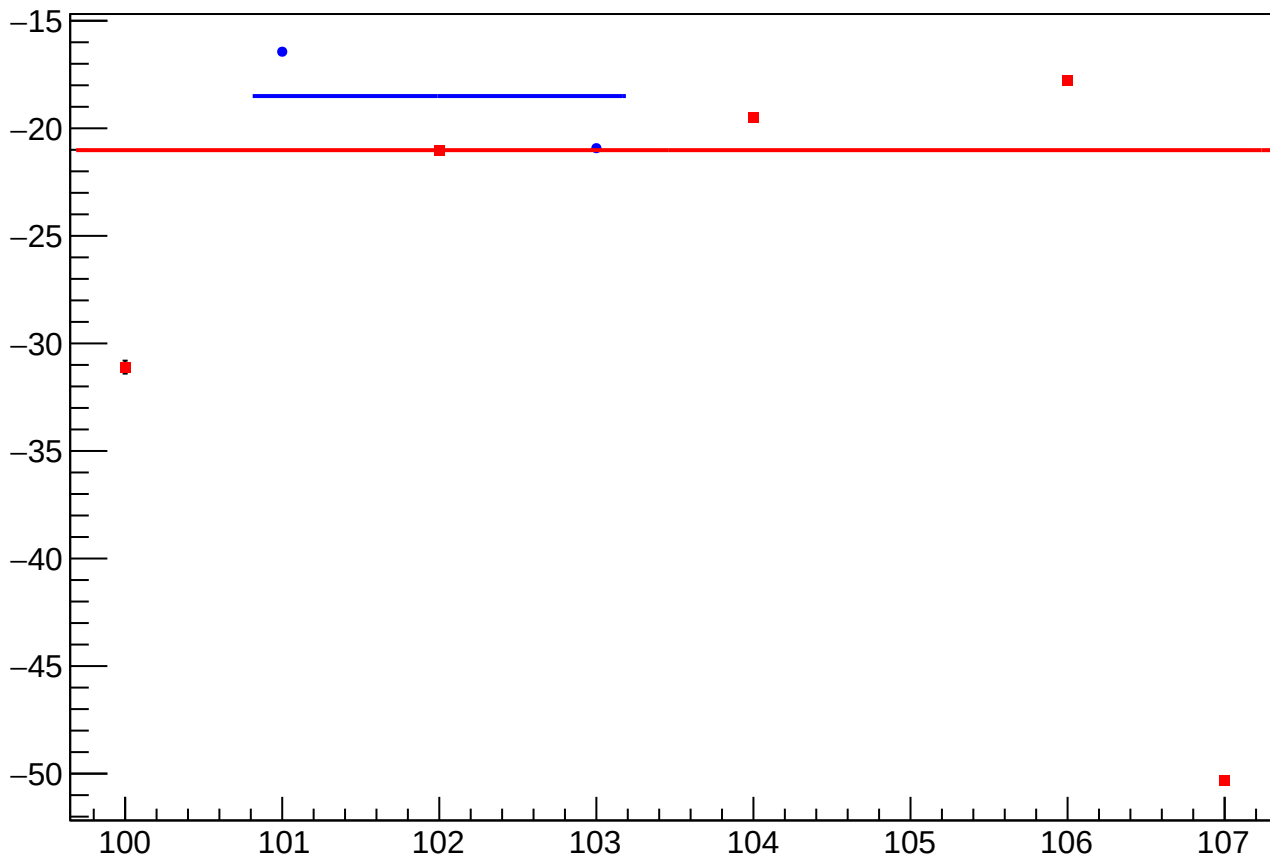
Right: 3.552 $\pm$ 0.651 χ^2 /NDF: 23.3/6

In: 2.040 $\pm$ 0.939 χ^2 /NDF: 1.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.552 $\pm$ 0.651 χ^2 /NDF: 23.3/6

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -18.501 $\pm$ 0.035 χ^2 /NDF: 4036.5/1

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

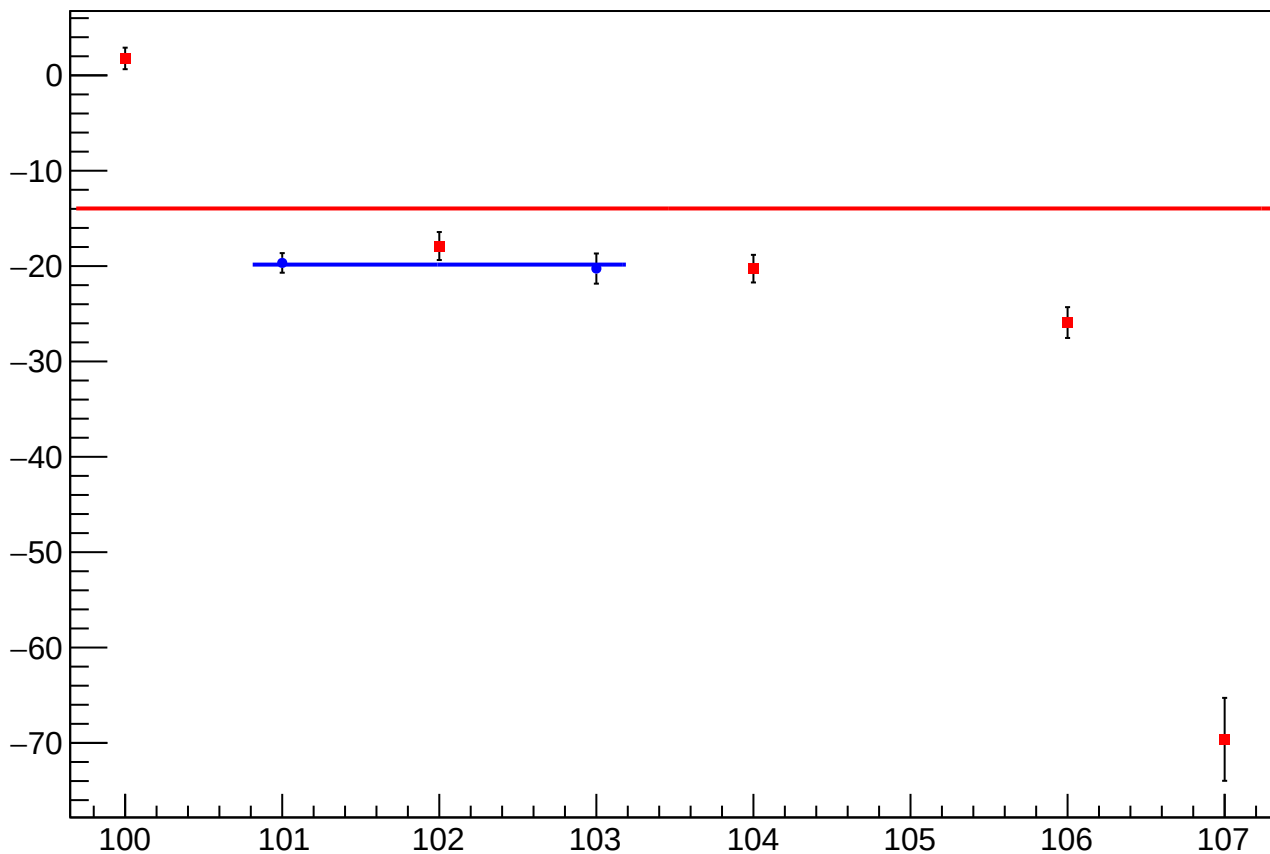
Right: -19.917 $\pm$ 0.023 χ^2 /NDF: 48178.8/6

In: -18.501 $\pm$ 0.035 χ^2 /NDF: 4036.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -19.917 $\pm$ 0.023 χ^2 /NDF: 48178.8/6

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -19.844 ± 0.862 $\chi^2/\text{NDF}: 0.1/1$

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 $\chi^2/\text{NDF}: 0.0/0$

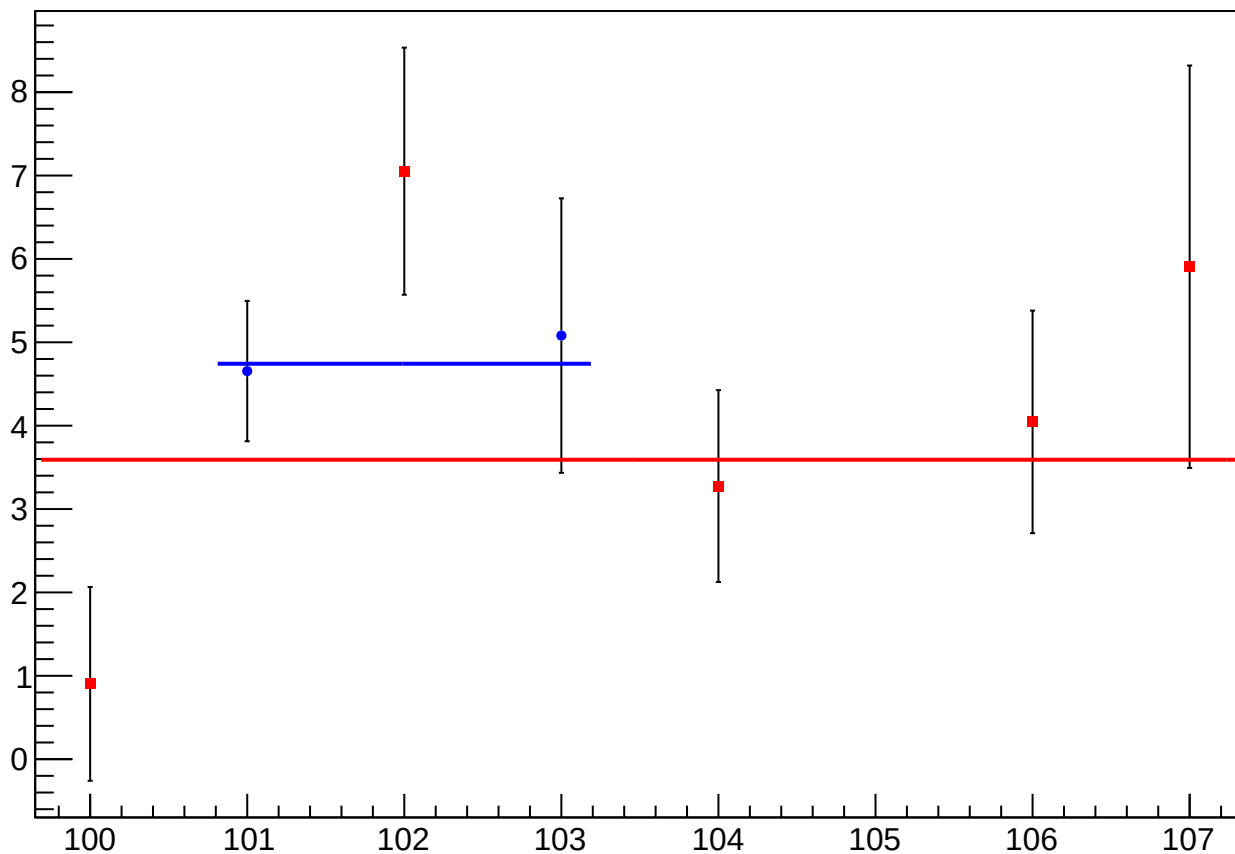
Right: -16.217 ± 0.534 $\chi^2/\text{NDF}: 468.1/6$

In: -19.844 ± 0.862 $\chi^2/\text{NDF}: 0.1/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -16.217 ± 0.534 $\chi^2/\text{NDF}: 468.1/6$

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.743 $\pm$ 0.749 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.591 $\pm$ 0.610 χ^2 /NDF: 11.9/4

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

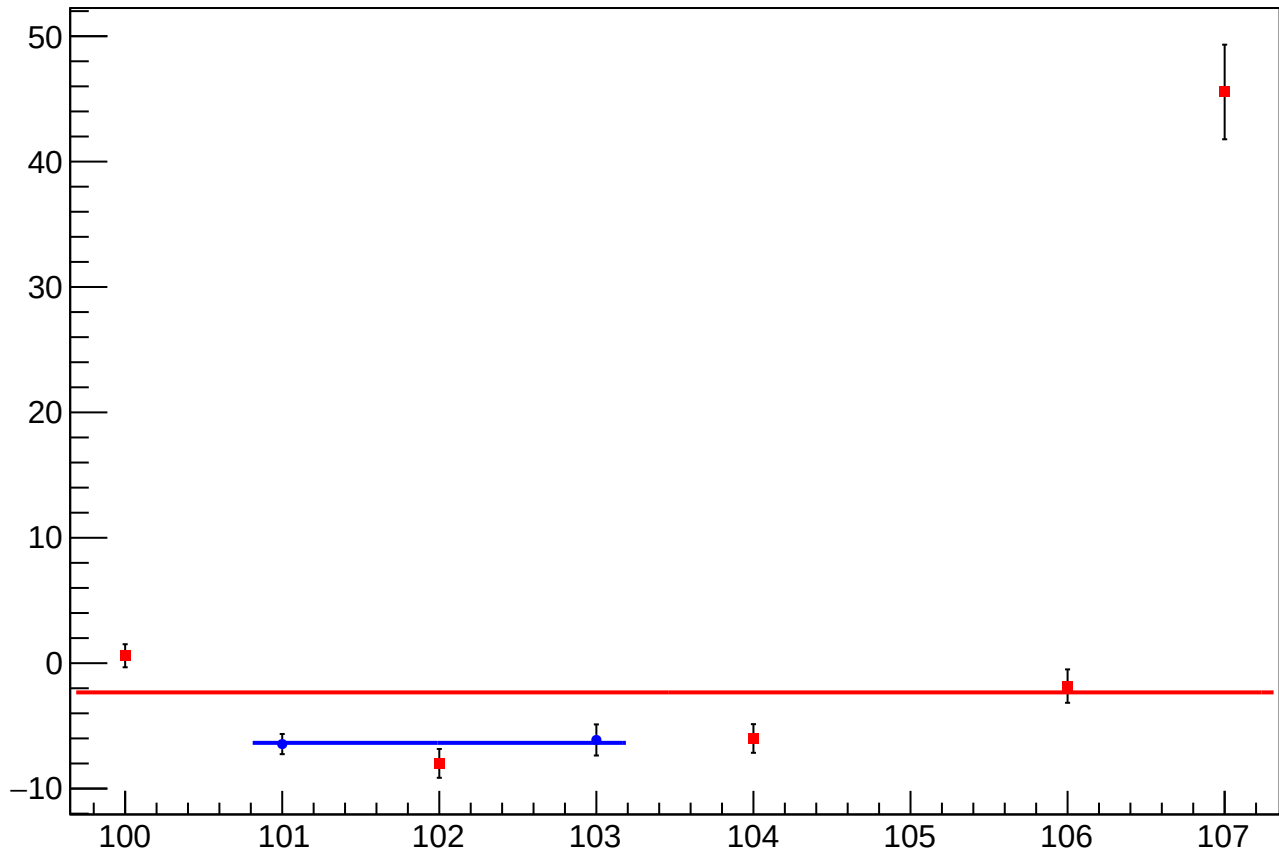
Right: 4.051 $\pm$ 0.473 χ^2 /NDF: 13.4/6

In: 4.743 $\pm$ 0.749 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.051 $\pm$ 0.473 χ^2 /NDF: 13.4/6

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -6.354+/-0.675 χ^2/NDF : 0.0/1

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

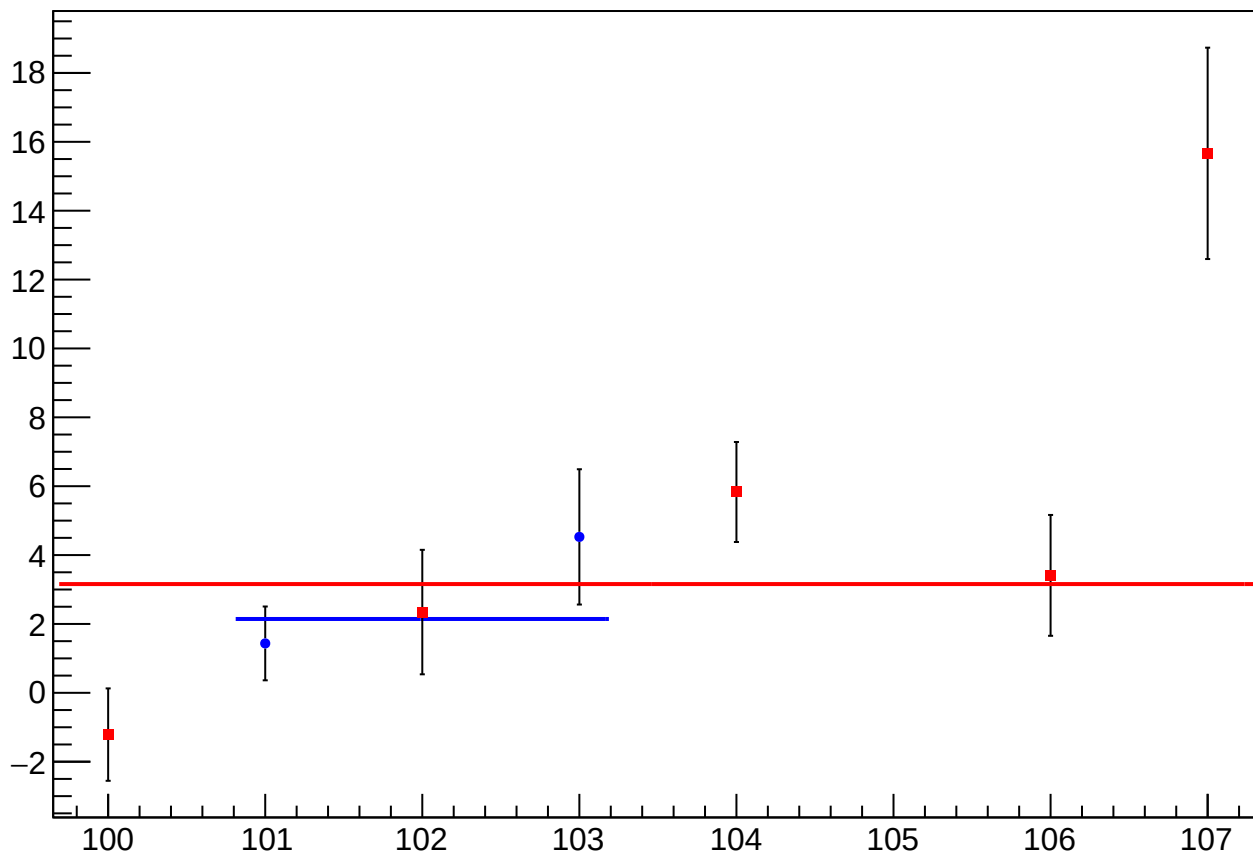
Right: -3.925+/-0.425 χ^2/NDF : 227.4/6

In: -6.354+/-0.675 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.925+/-0.425 χ^2/NDF : 227.4/6

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.144+/-0.941 χ^2/NDF : 1.9/1

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

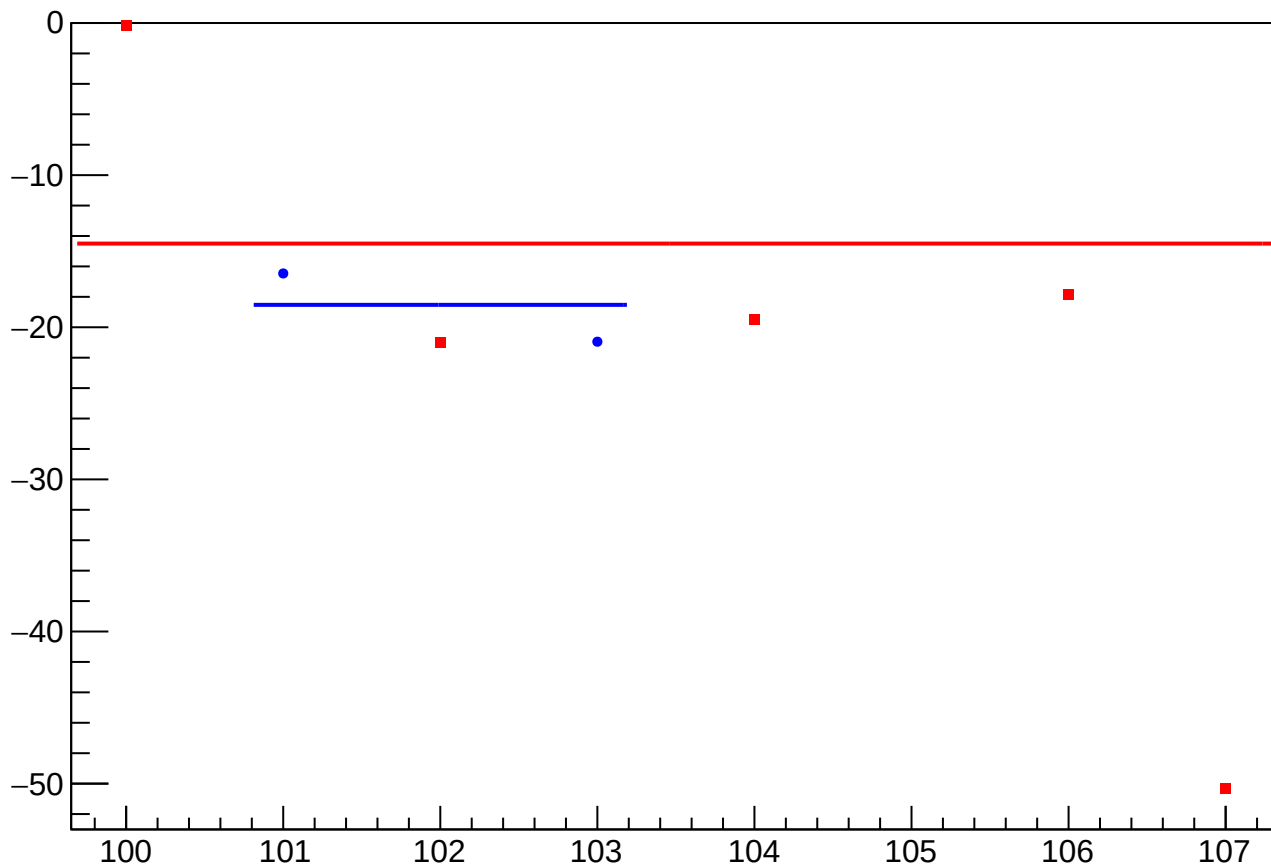
Right: 2.763+/-0.588 χ^2/NDF : 33.5/6

In: 2.144+/-0.941 χ^2/NDF : 1.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.763+/-0.588 χ^2/NDF : 33.5/6

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -18.527 $\pm$ 0.035 χ^2 /NDF: 4026.8/1

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

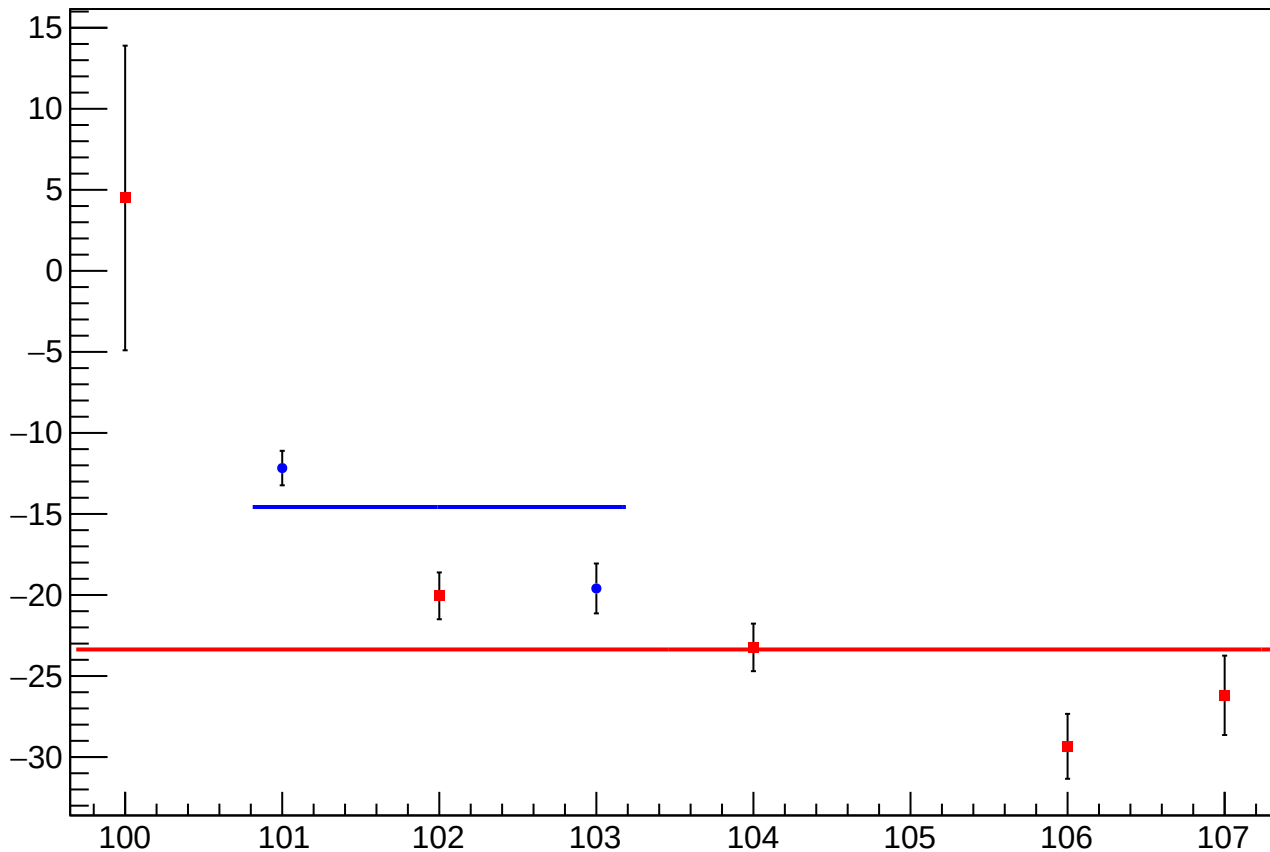
Right: -15.914 $\pm$ 0.021 χ^2 /NDF: 189623.0/6

In: -18.527 $\pm$ 0.035 χ^2 /NDF:4026.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -15.914 $\pm$ 0.021 χ^2 /NDF: 189623.0/6

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -14.571 $\pm$ 0.875 χ^2 /NDF: 15.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -23.361 $\pm$ 0.854 χ^2 /NDF: 24.3/4

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

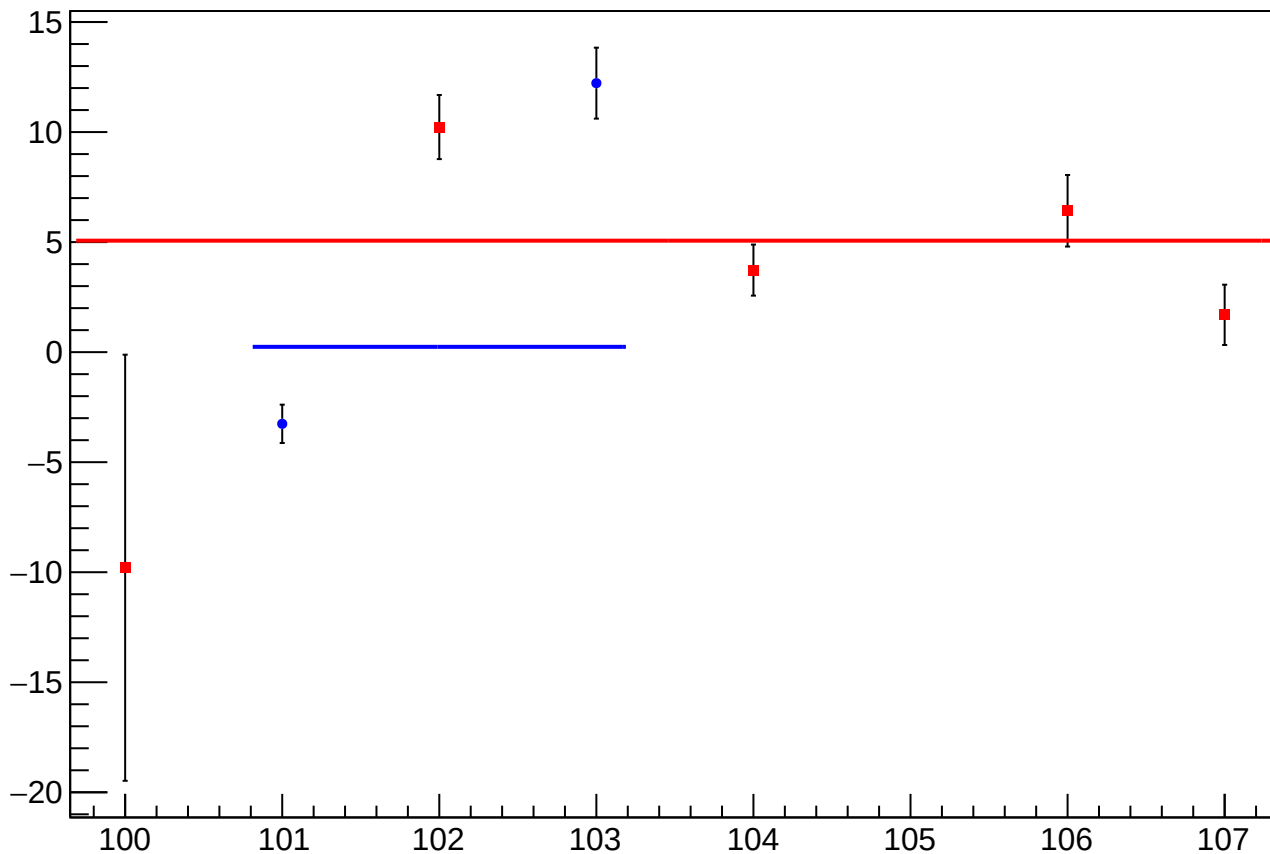
Right: -19.074 $\pm$ 0.611 χ^2 /NDF: 91.7/6

In: -14.571 $\pm$ 0.875 χ^2 /NDF: 15.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -19.074 $\pm$ 0.611 χ^2 /NDF: 91.7/6

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.241+/-0.766 χ^2/NDF : 71.4/1

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

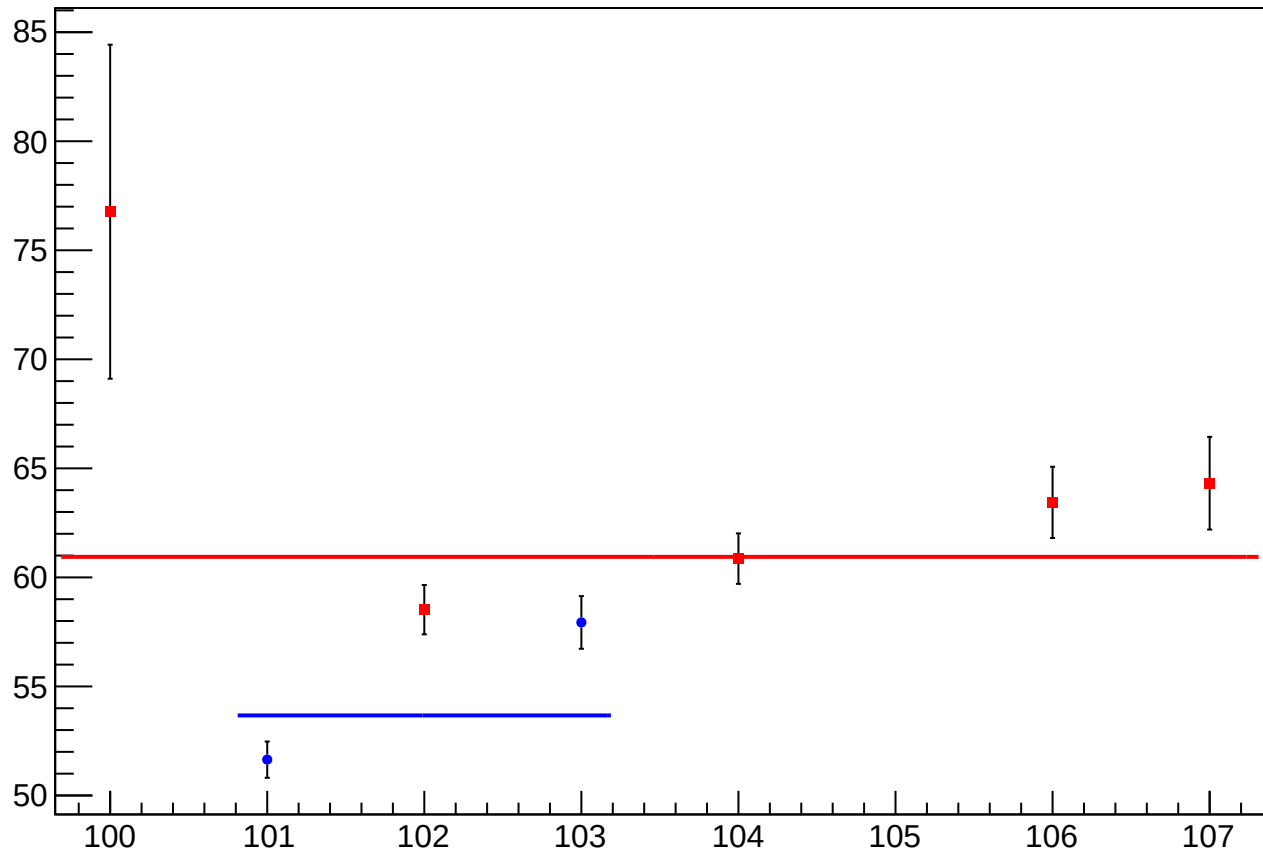
Right: 2.926+/-0.510 χ^2/NDF : 116.4/6

In: 0.241+/-0.766 χ^2/NDF : 71.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.926+/-0.510 χ^2/NDF : 116.4/6

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 53.670 $\pm$ 0.686 χ^2 /NDF: 18.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 60.941 $\pm$ 0.683 χ^2 /NDF: 13.7/4

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

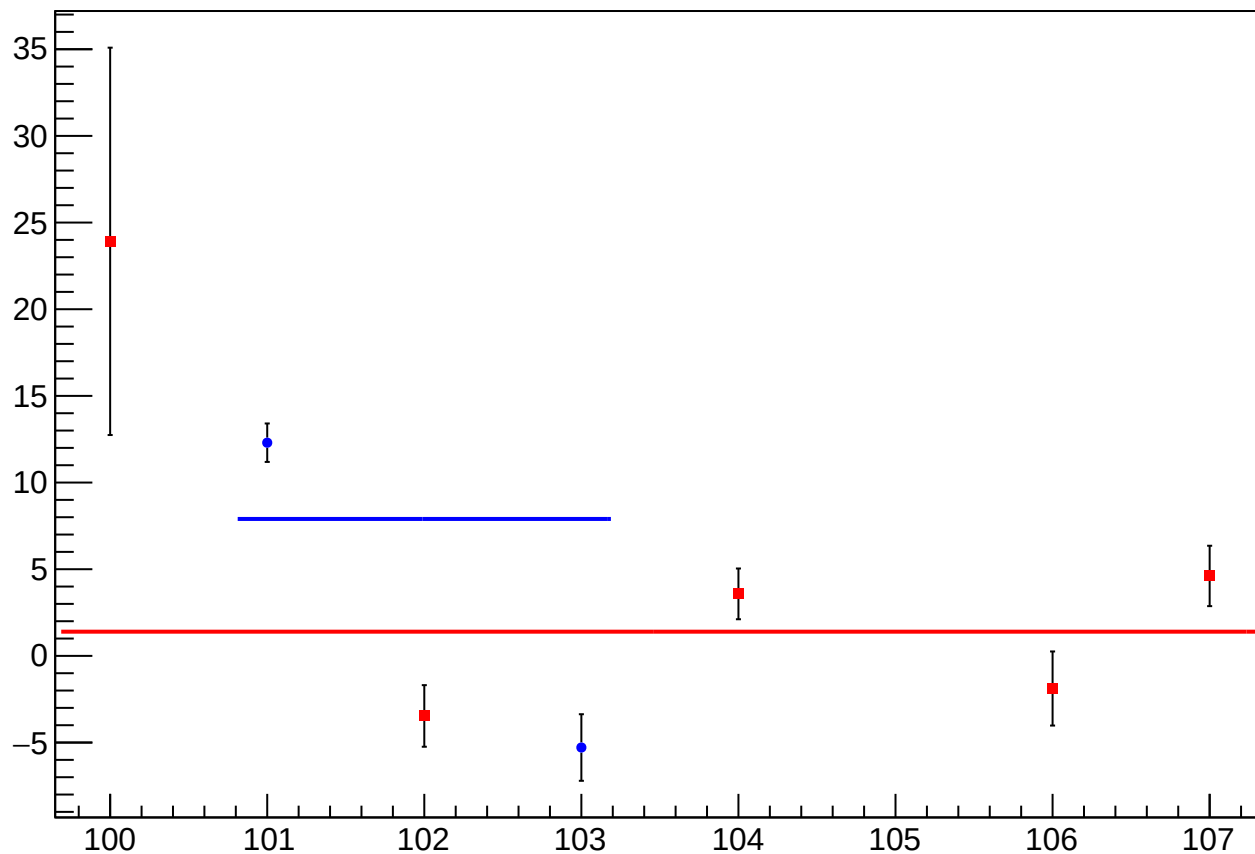
Right: 57.318 $\pm$ 0.484 χ^2 /NDF: 88.5/6

In: 53.670 $\pm$ 0.686 χ^2 /NDF: 18.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 57.318 $\pm$ 0.484 χ^2 /NDF: 88.5/6

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.900 ± 0.961 $\chi^2/\text{NDF}: 62.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1.397 ± 0.864 $\chi^2/\text{NDF}: 19.5/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

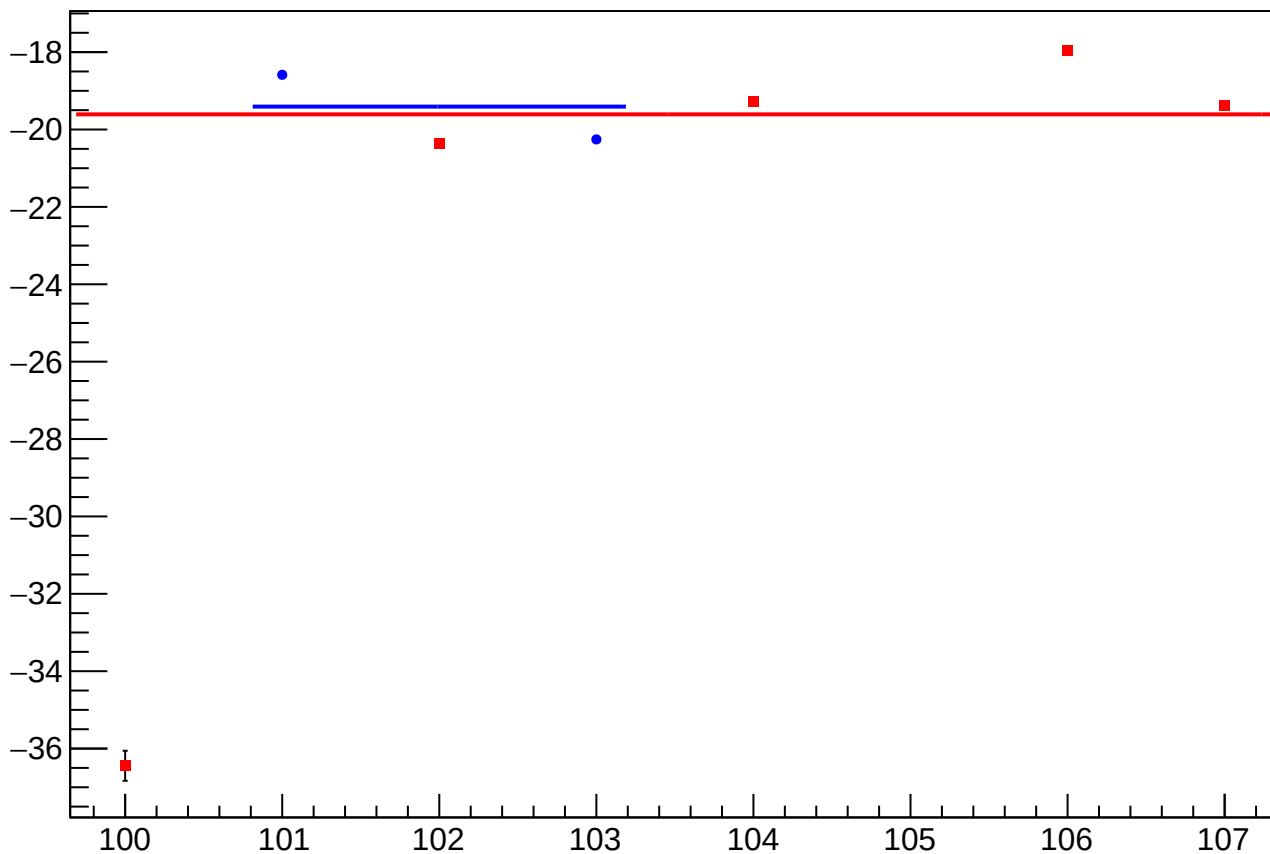
Right: 4.305 ± 0.642 $\chi^2/\text{NDF}: 107.7/6$

In: 7.900 ± 0.961 $\chi^2/\text{NDF}: 62.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 4.305 ± 0.642 $\chi^2/\text{NDF}: 107.7/6$

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.408 ± 0.035 $\chi^2/\text{NDF}: 556.6/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -19.609 ± 0.031 $\chi^2/\text{NDF}: 2601.2/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

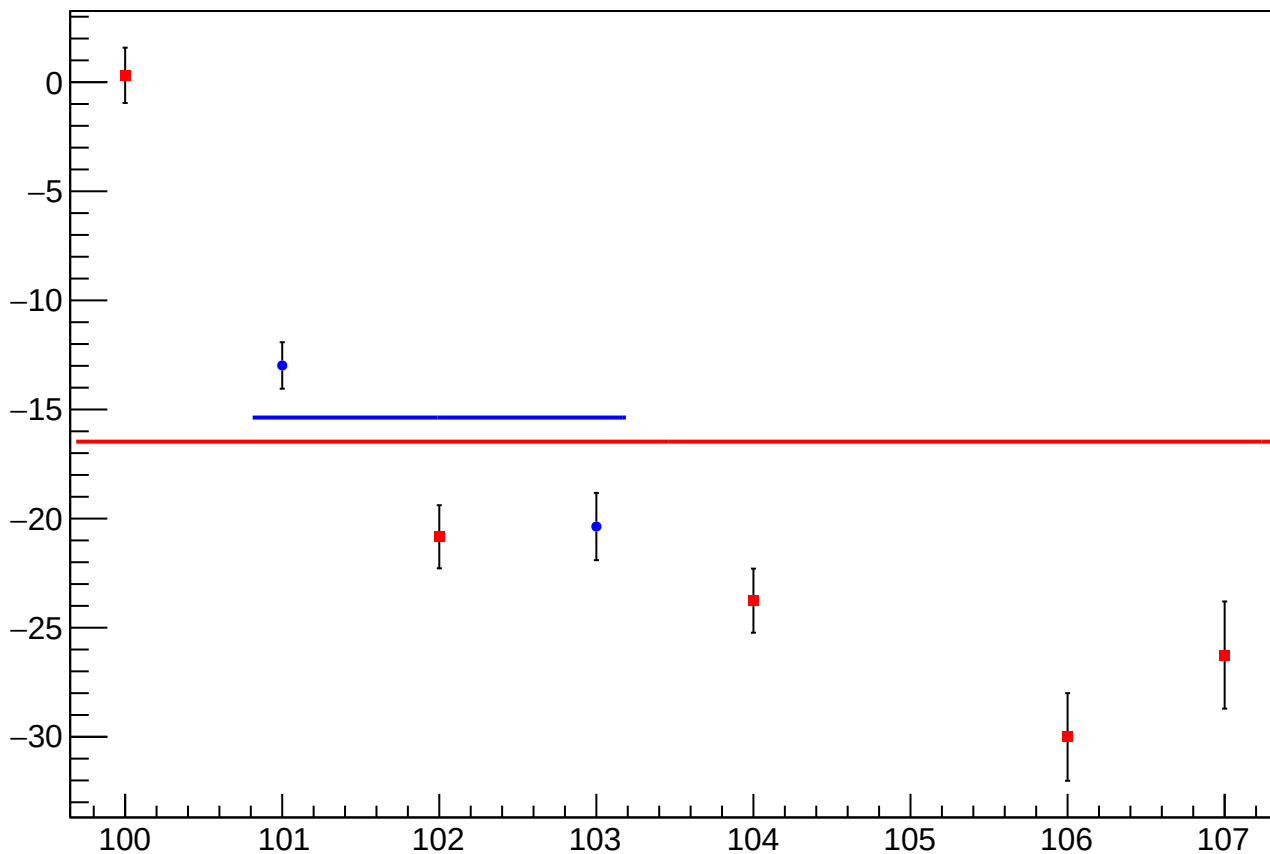
Right: -19.521 ± 0.023 $\chi^2/\text{NDF}: 3176.0/6$

In: -19.408 ± 0.035 $\chi^2/\text{NDF}: 556.6/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -19.521 ± 0.023 $\chi^2/\text{NDF}: 3176.0/6$

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -15.370+/-0.877 χ^2/NDF : 15.5/1

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

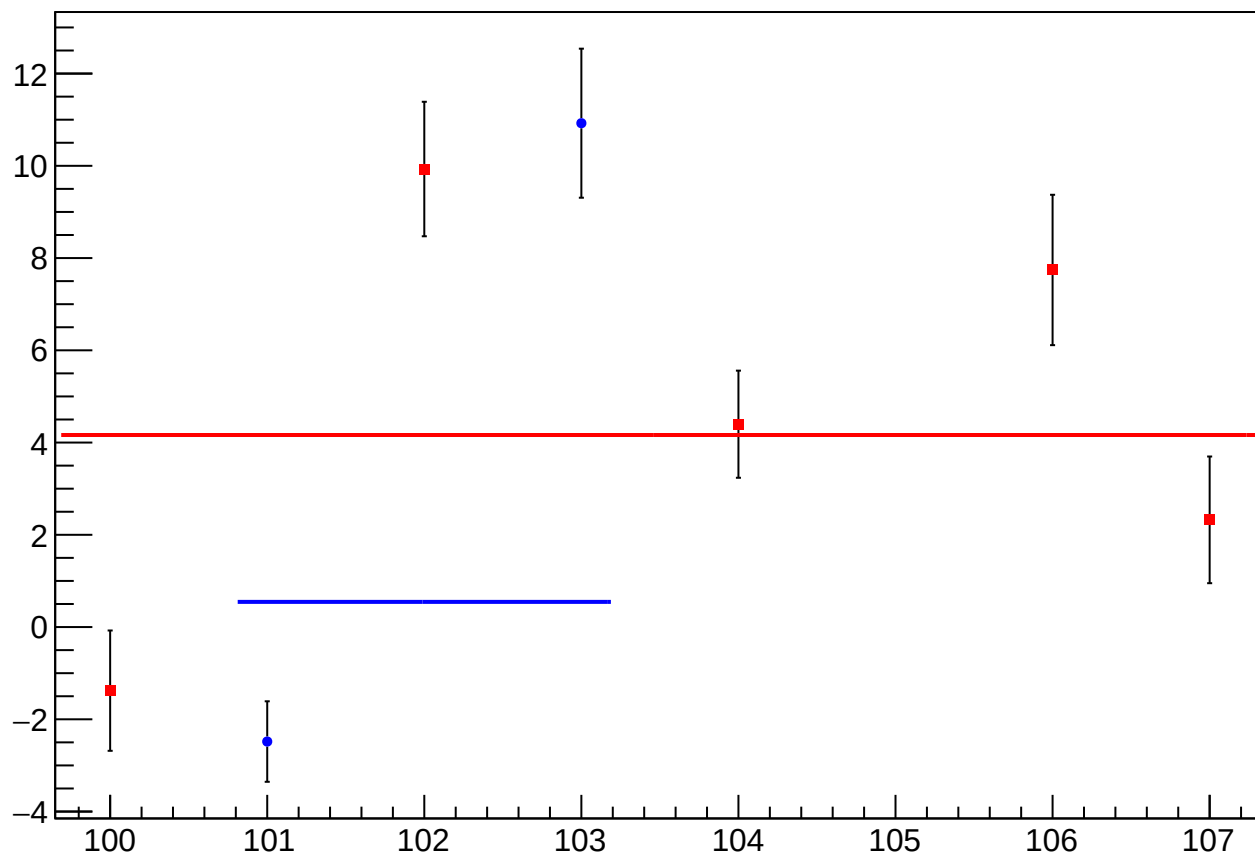
Right: -16.036+/-0.552 χ^2/NDF : 286.8/6

In: -15.370+/-0.877 χ^2/NDF : 15.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.036+/-0.552 χ^2/NDF : 286.8/6

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.546 $\pm$ 0.768 χ^2 /NDF: 53.3/1

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

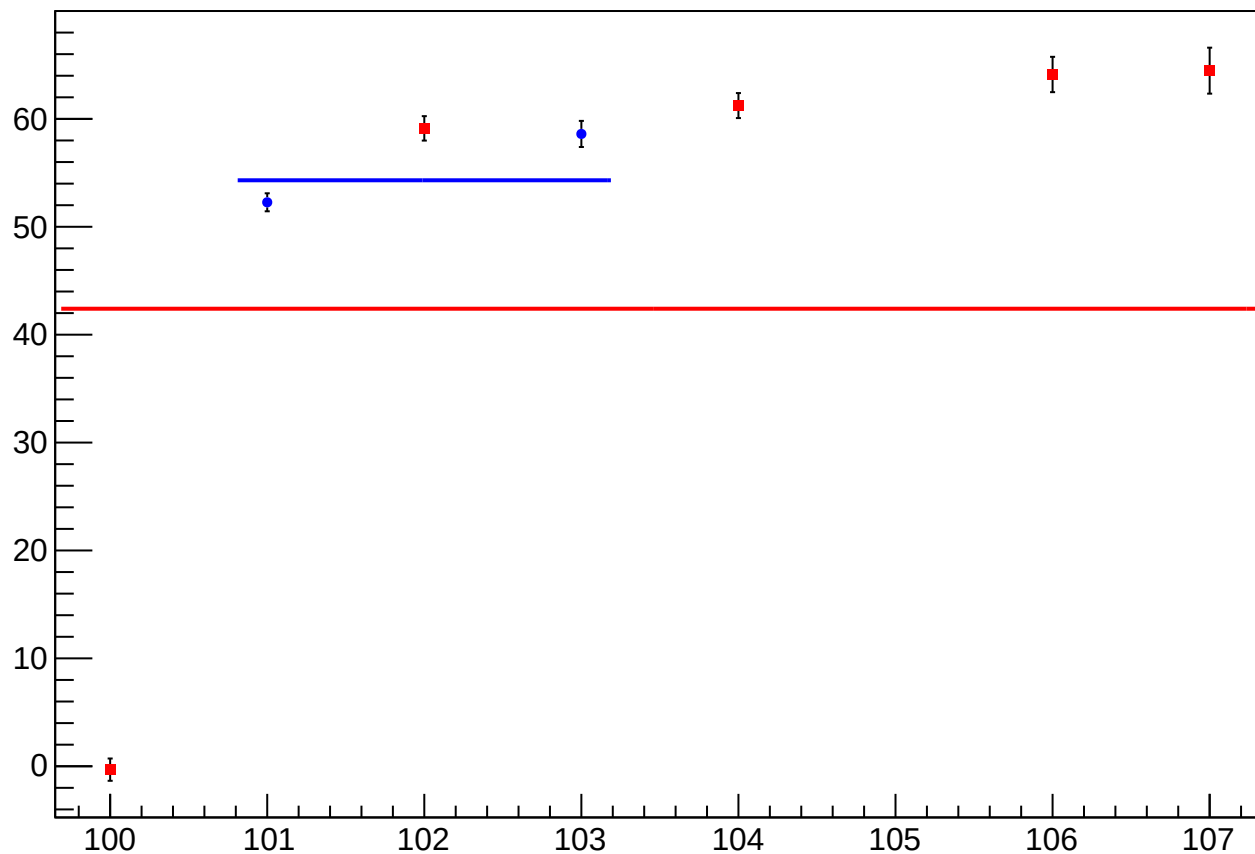
Right: 2.770 $\pm$ 0.477 χ^2 /NDF: 107.3/6

In: 0.546 $\pm$ 0.768 χ^2 /NDF: 53.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.770 $\pm$ 0.477 χ^2 /NDF: 107.3/6

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 54.310 ± 0.687 $\chi^2/\text{NDF}: 18.6/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 42.406 ± 0.572 $\chi^2/\text{NDF}: 2474.8/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

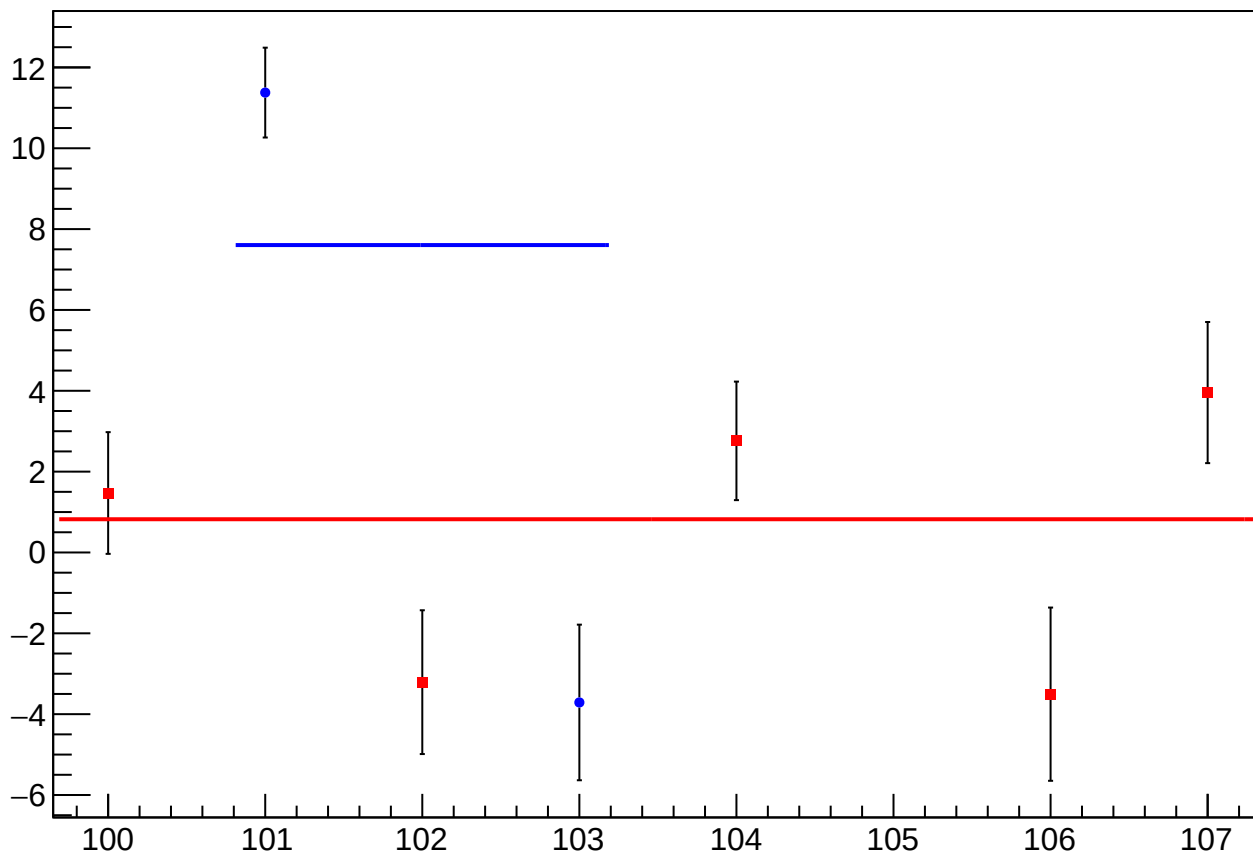
Right: 47.282 ± 0.440 $\chi^2/\text{NDF}: 2670.7/6$

In: 54.310 ± 0.687 $\chi^2/\text{NDF}: 18.6/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 47.282 ± 0.440 $\chi^2/\text{NDF}: 2670.7/6$

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.605 $\pm$ 0.962 χ^2 /NDF: 46.1/1

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

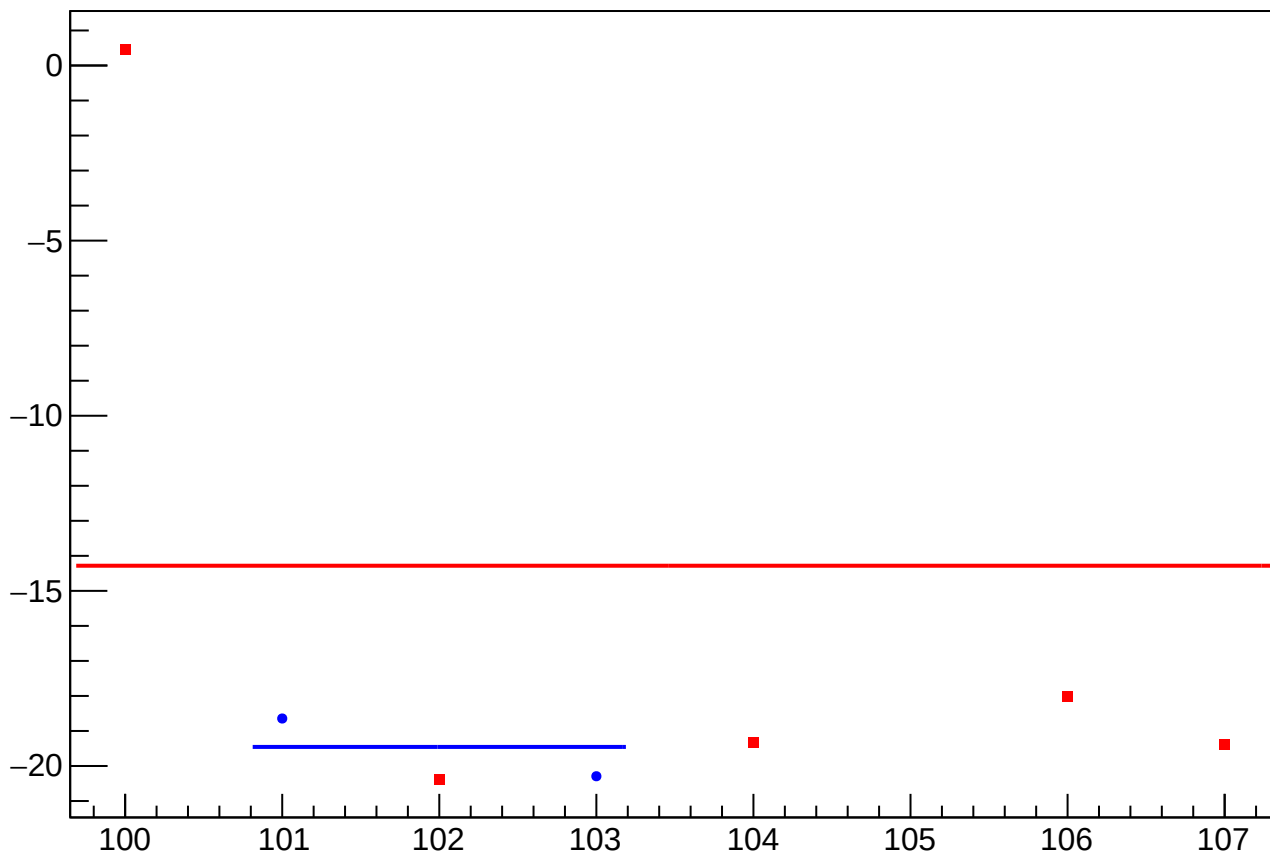
Right: 3.393 $\pm$ 0.593 χ^2 /NDF: 91.3/6

In: 7.605 $\pm$ 0.962 χ^2 /NDF:46.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.393 $\pm$ 0.593 χ^2 /NDF: 91.3/6

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.456 $\pm$ 0.035 χ^2 /NDF: 540.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -14.282 $\pm$ 0.027 χ^2 /NDF: 108299.3/4

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

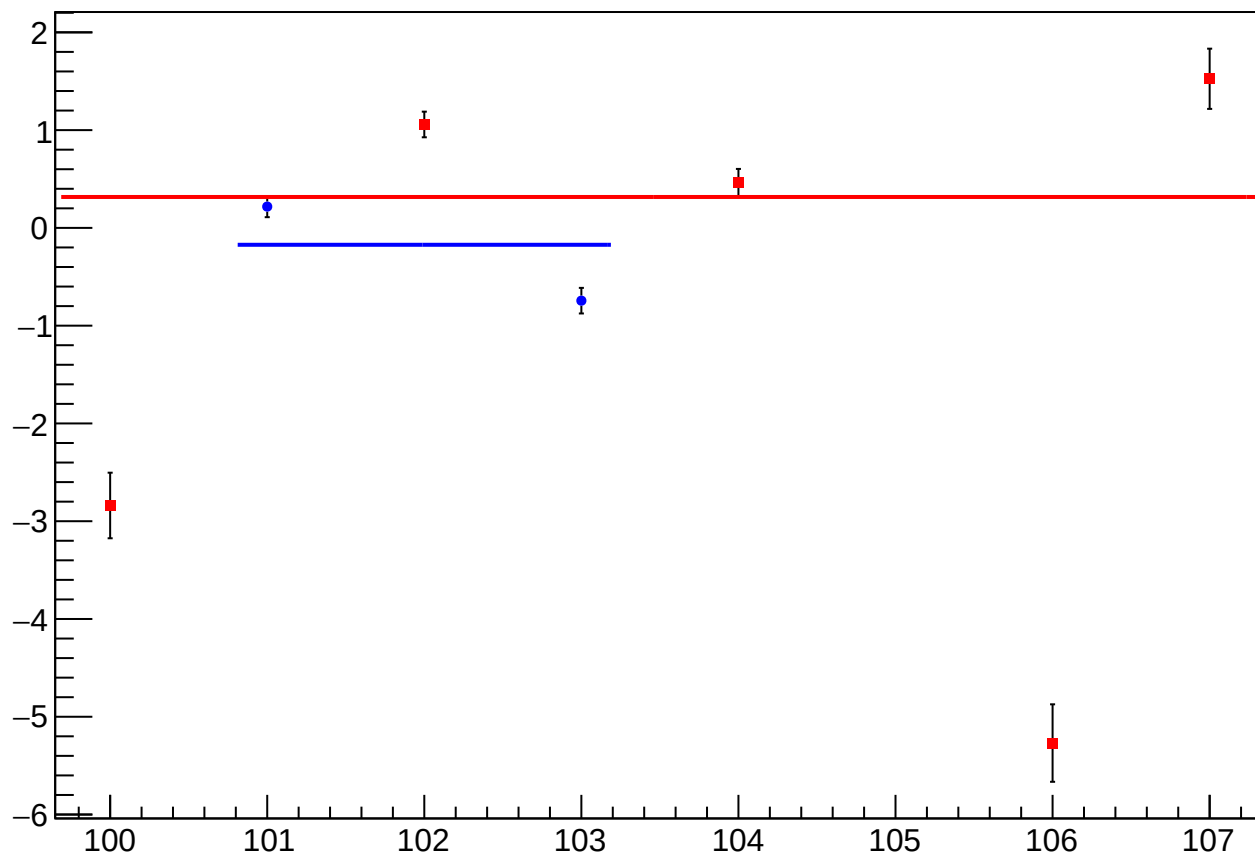
Right: -16.165 $\pm$ 0.021 χ^2 /NDF: 122382.1/6

In: -19.456 $\pm$ 0.035 χ^2 /NDF: 540.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -16.165 $\pm$ 0.021 χ^2 /NDF: 122382.1/6

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.173+/-0.083 χ^2/NDF : 32.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.316+/-0.086 χ^2/NDF : 335.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

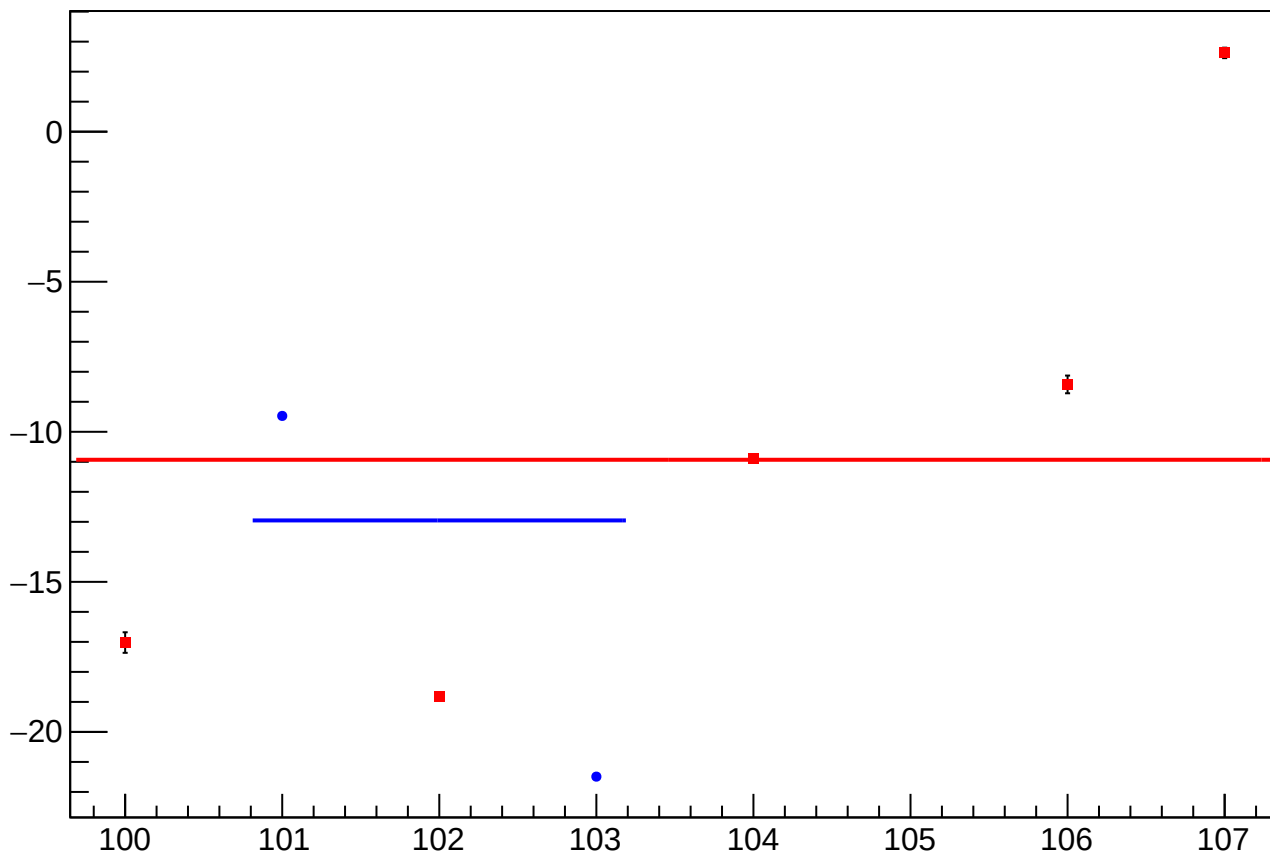
Right: 0.065+/-0.060 χ^2/NDF : 384.6/6

In: -0.173+/-0.083 χ^2/NDF : 32.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.065+/-0.060 χ^2/NDF : 384.6/6

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.953 $\pm$ 0.075 χ^2 /NDF: 5330.9/1

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

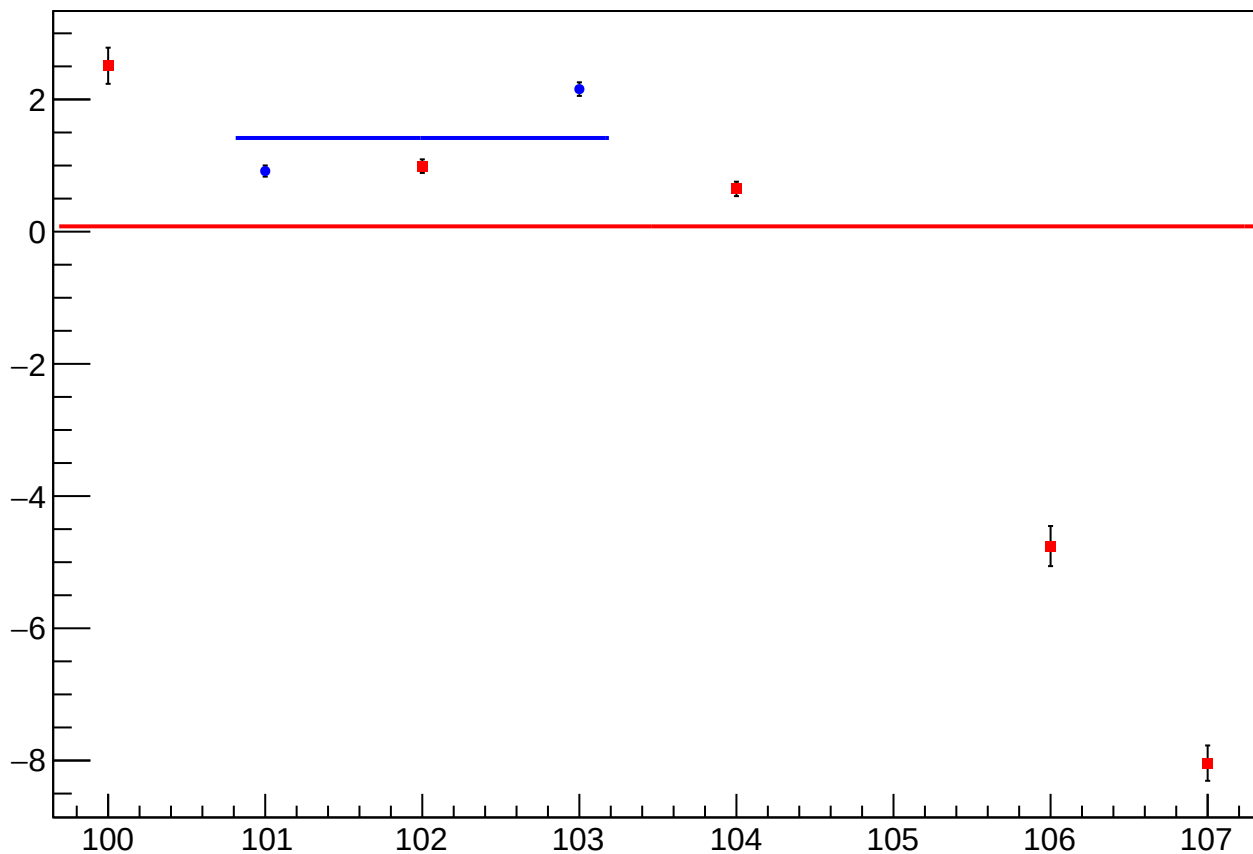
Right: -11.943 $\pm$ 0.053 χ^2 /NDF: 15459.7/6

In: -12.953 $\pm$ 0.075 χ^2 /NDF: 5330.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -11.943 $\pm$ 0.053 χ^2 /NDF: 15459.7/6

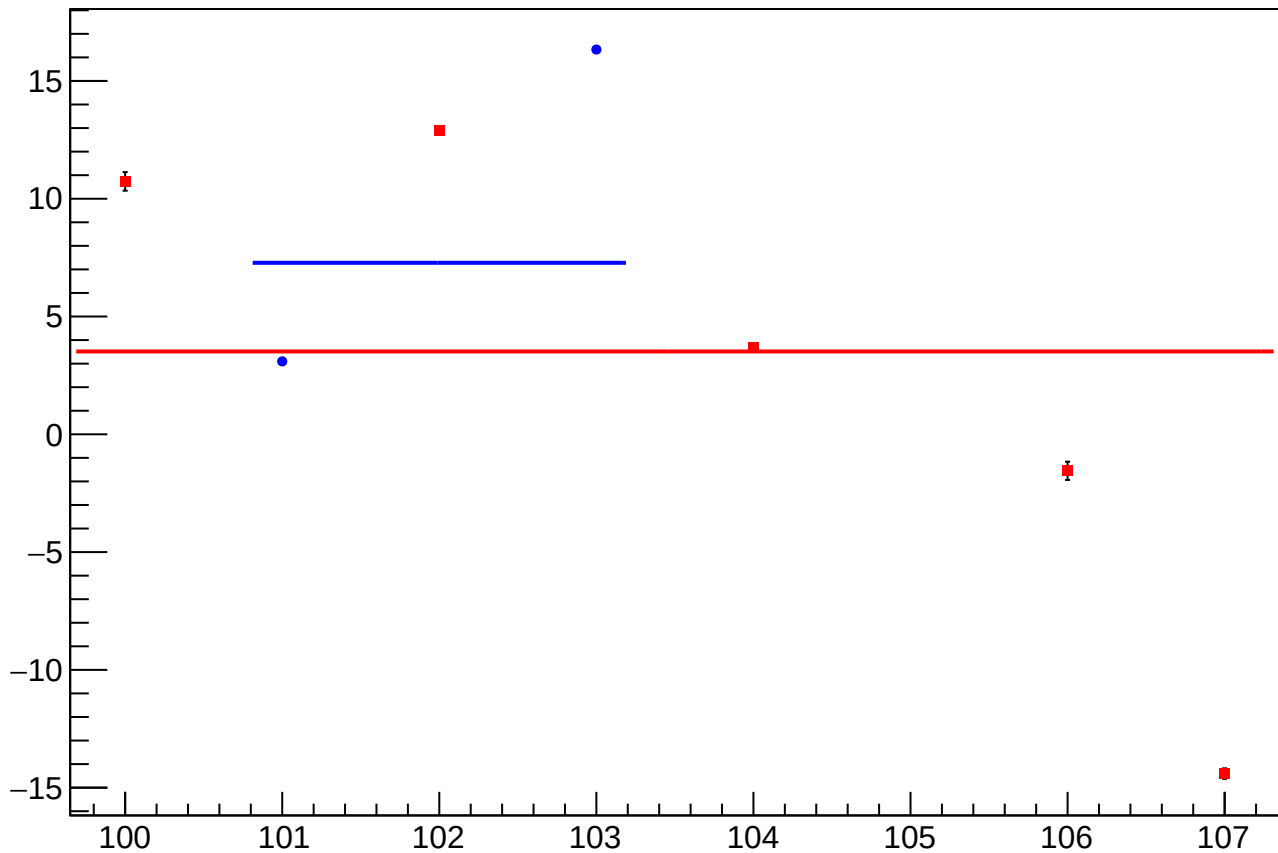
reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.417 $\pm$ 0.065 χ^2/NDF : 86.7/1
 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: 0.775 $\pm$ 0.047 χ^2/NDF : 1650.1/6
 In: 1.417 $\pm$ 0.065 χ^2/NDF : 86.7/1
 Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: 0.775 $\pm$ 0.047 χ^2/NDF : 1650.1/6

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.281+/-0.093 χ^2/NDF : 4416.7/1

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

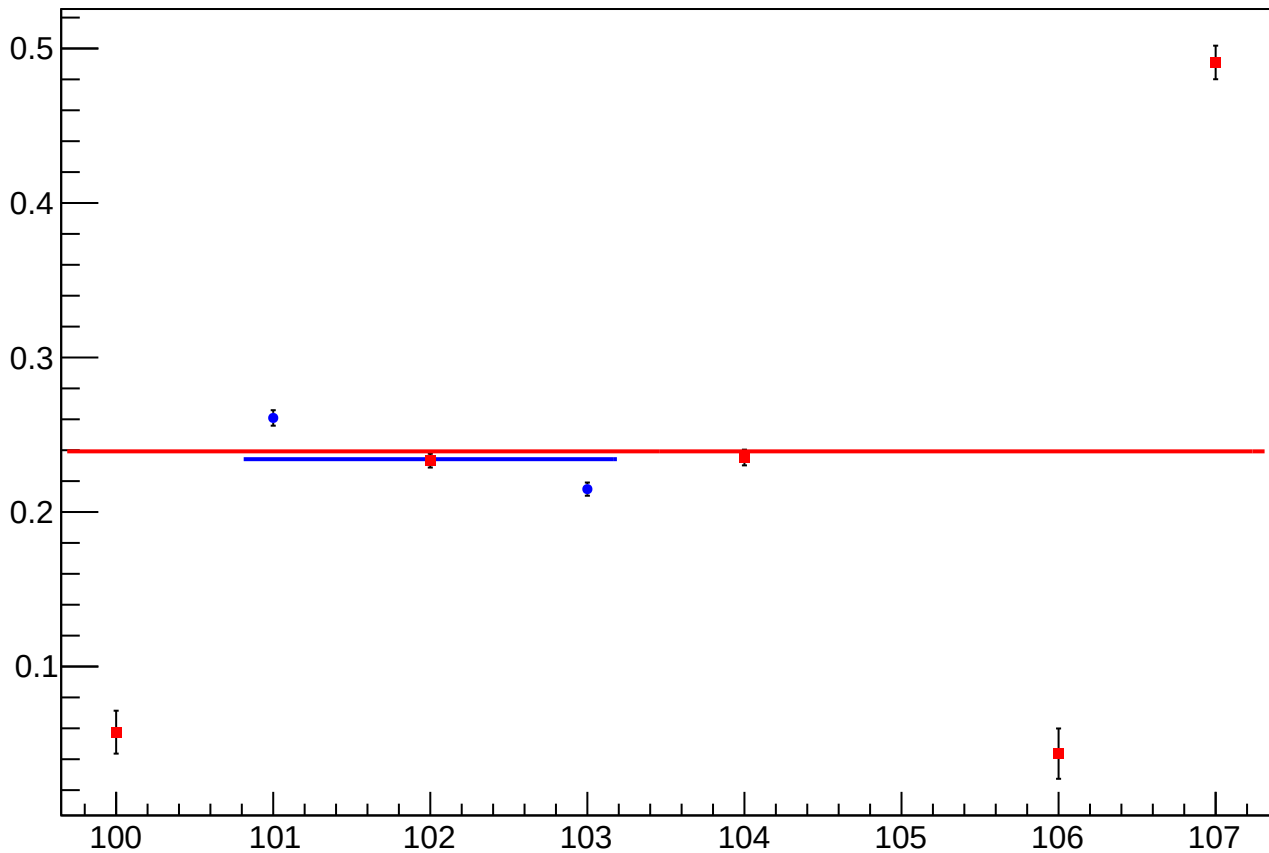
Right: 5.398+/-0.065 χ^2/NDF : 15500.1/6

In: 7.281+/-0.093 χ^2/NDF : 4416.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.398+/-0.065 χ^2/NDF : 15500.1/6

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.234+/-0.003 χ^2/NDF : 49.0/1

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

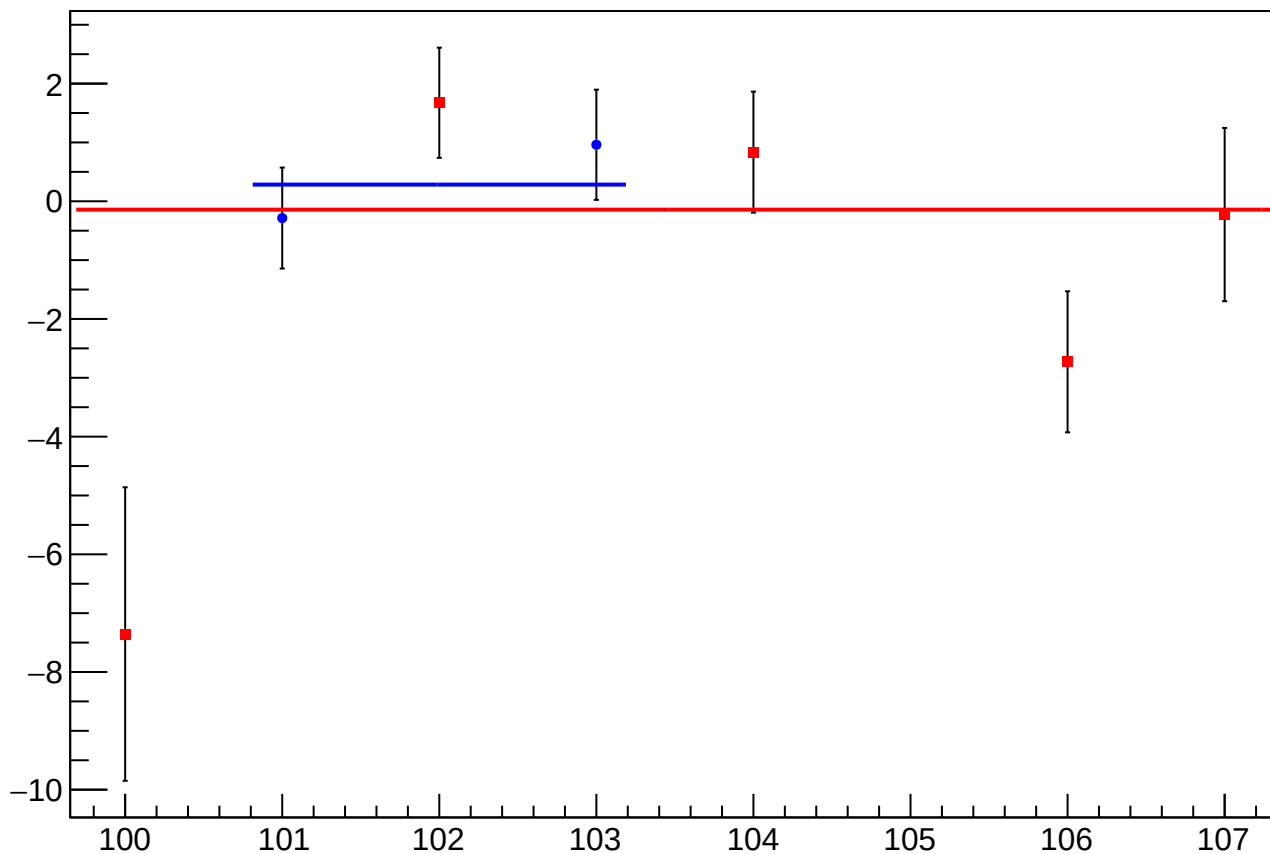
Right: 0.237+/-0.002 χ^2/NDF : 905.4/6

In: 0.234+/-0.003 χ^2/NDF : 49.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.237+/-0.002 χ^2/NDF : 905.4/6

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.284 $\pm$ 0.633 χ^2 /NDF: 1.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.142 $\pm$ 0.542 χ^2 /NDF: 17.7/4

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

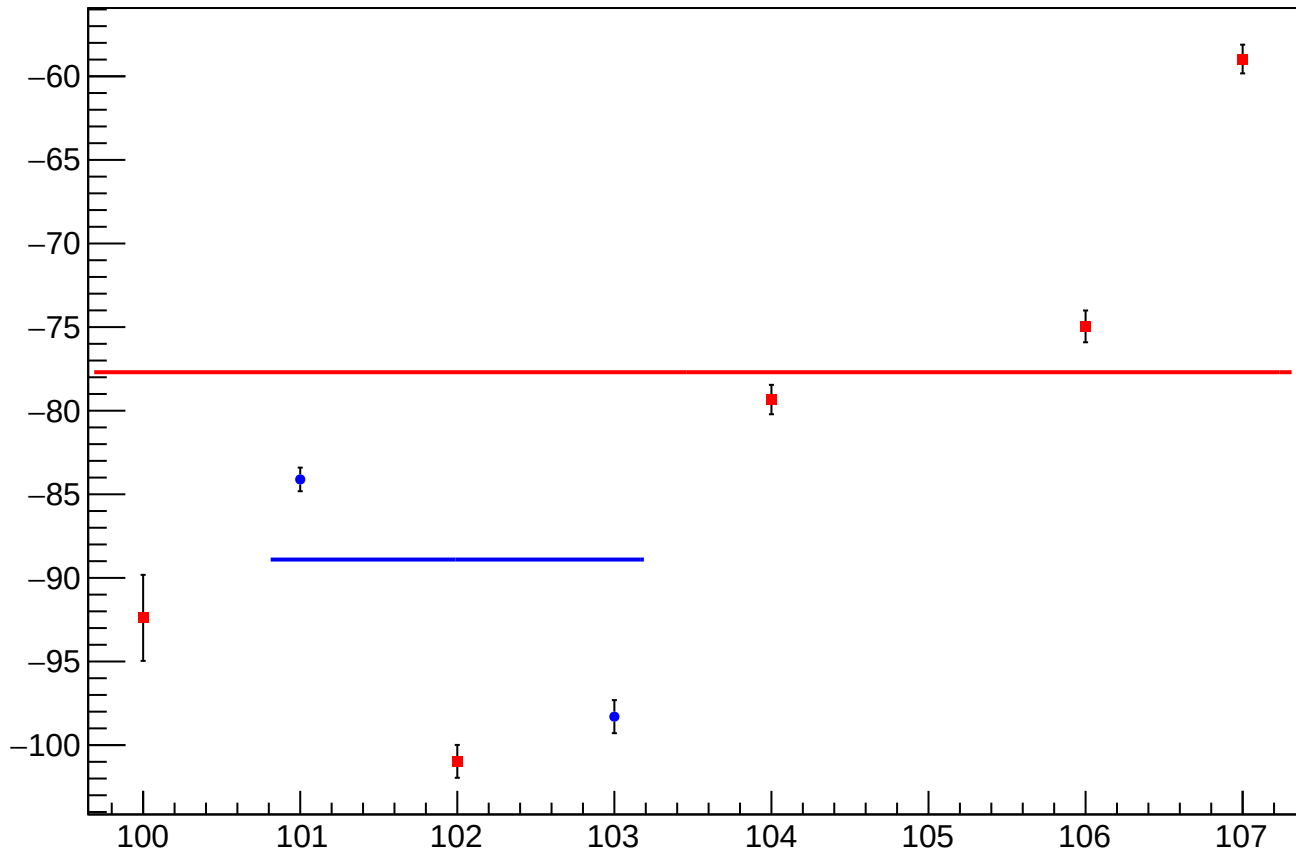
Right: 0.038 $\pm$ 0.412 χ^2 /NDF: 18.9/6

In: 0.284 $\pm$ 0.633 χ^2 /NDF:1.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.038 $\pm$ 0.412 χ^2 /NDF: 18.9/6

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -88.902 $\pm$ 0.575 χ^2 /NDF: 136.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -77.698 $\pm$ 0.450 χ^2 /NDF: 1080.3/4

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

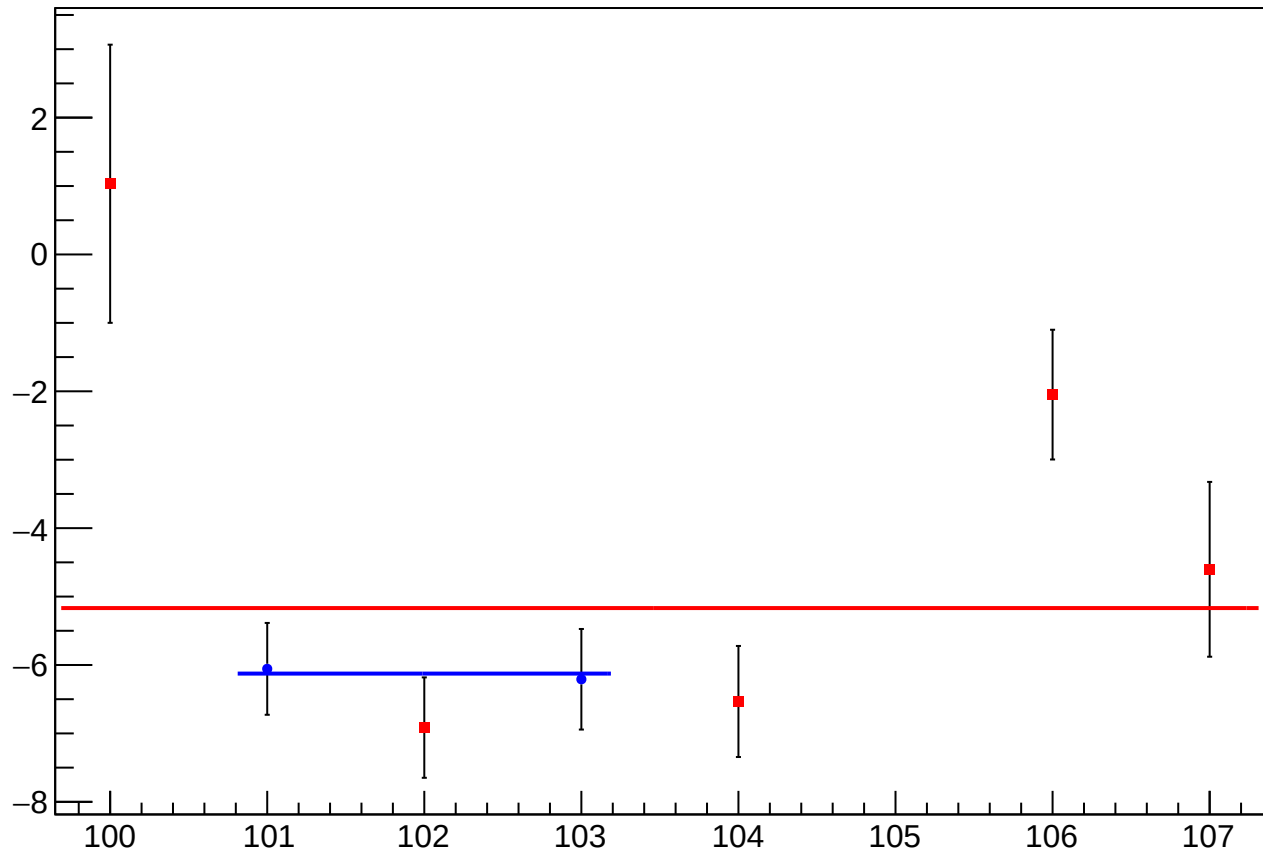
Right: -81.956 $\pm$ 0.354 χ^2 /NDF: 1452.4/6

In: -88.902 $\pm$ 0.575 χ^2 /NDF: 136.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -81.956 $\pm$ 0.354 χ^2 /NDF: 1452.4/6

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -6.126+/-0.496 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.168+/-0.433 χ^2/NDF : 28.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

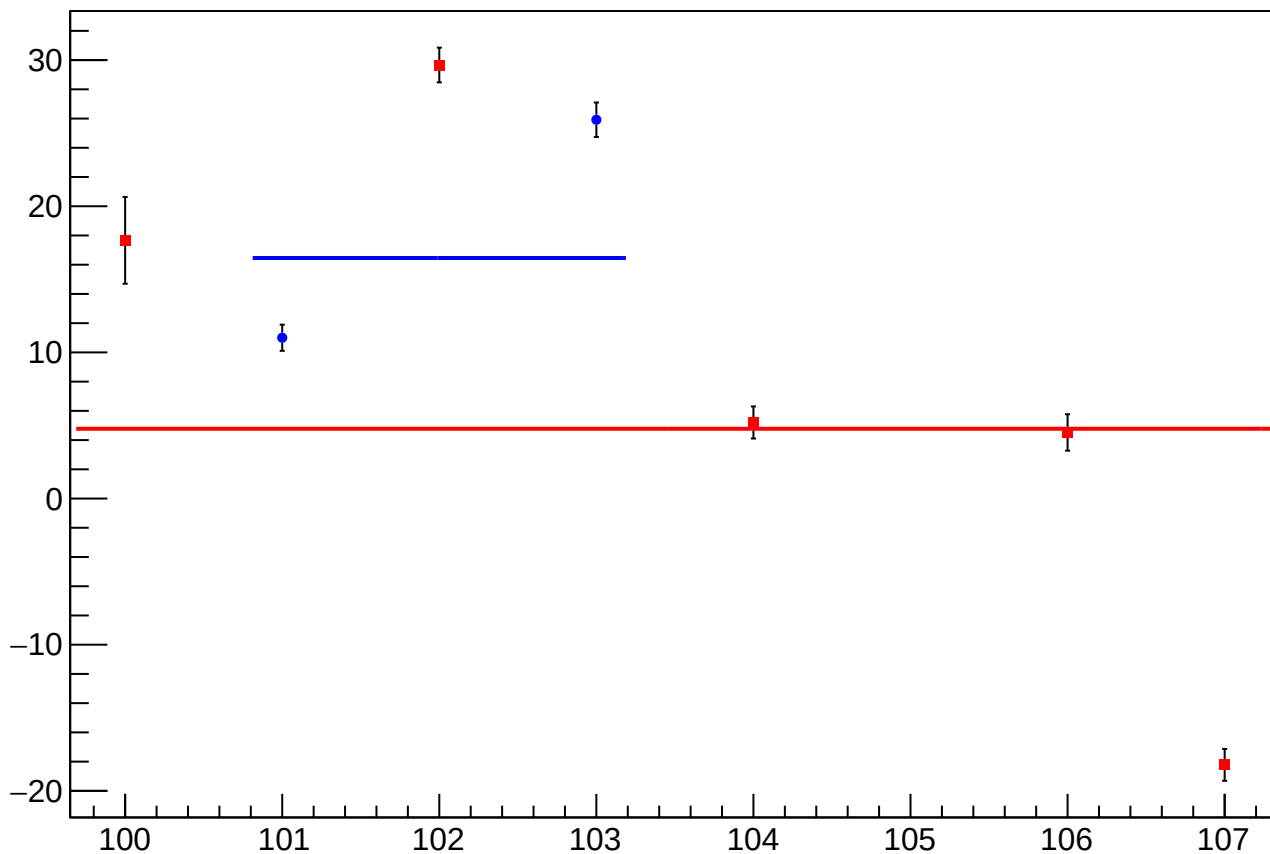
Right: -5.582+/-0.326 χ^2/NDF : 31.0/6

In: -6.126+/-0.496 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.582+/-0.326 χ^2/NDF : 31.0/6

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.460 $\pm$ 0.713 χ^2/NDF : 101.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 4.776 $\pm$ 0.565 χ^2/NDF : 903.8/4

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

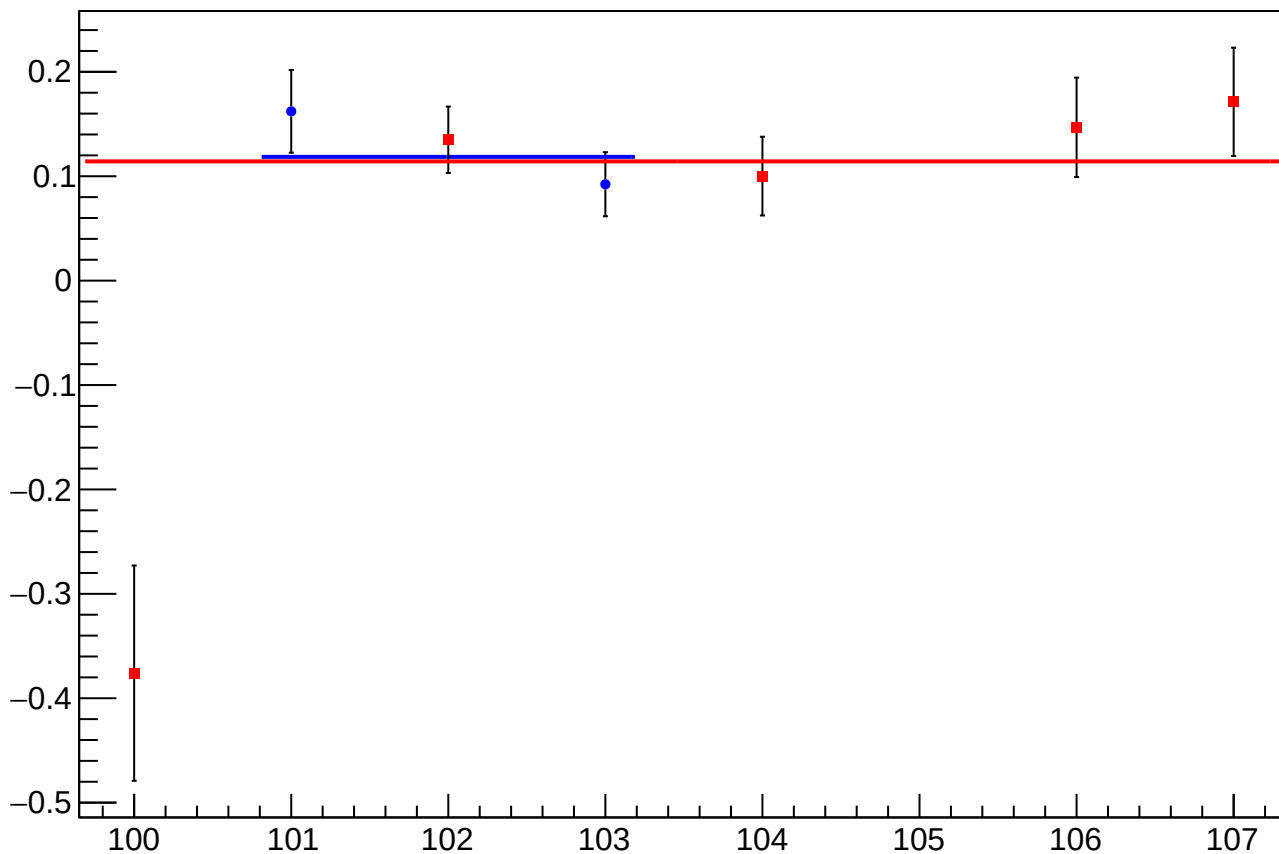
Right: 9.278 $\pm$ 0.443 χ^2/NDF : 1170.4/6

In: 16.460 $\pm$ 0.713 χ^2/NDF : 101.5/1

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 9.278 $\pm$ 0.443 χ^2/NDF : 1170.4/6

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.119 $\pm$ 0.024 χ^2 /NDF: 1.9/1

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

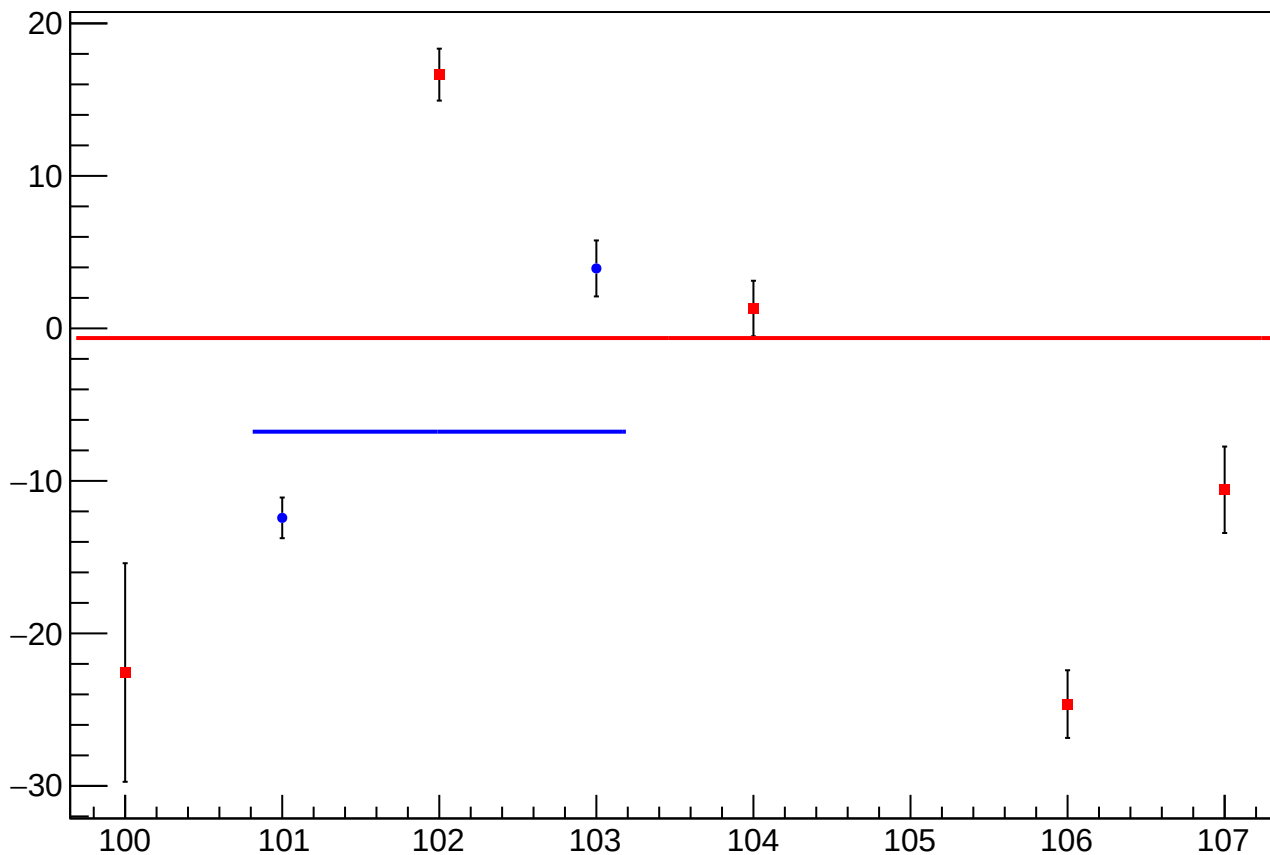
Right: 0.116 $\pm$ 0.015 χ^2 /NDF: 26.8/6

In: 0.119 $\pm$ 0.024 χ^2 /NDF:1.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.116 $\pm$ 0.015 χ^2 /NDF: 26.8/6

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.773+/-1.079 χ^2 /NDF: 52.0/1

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

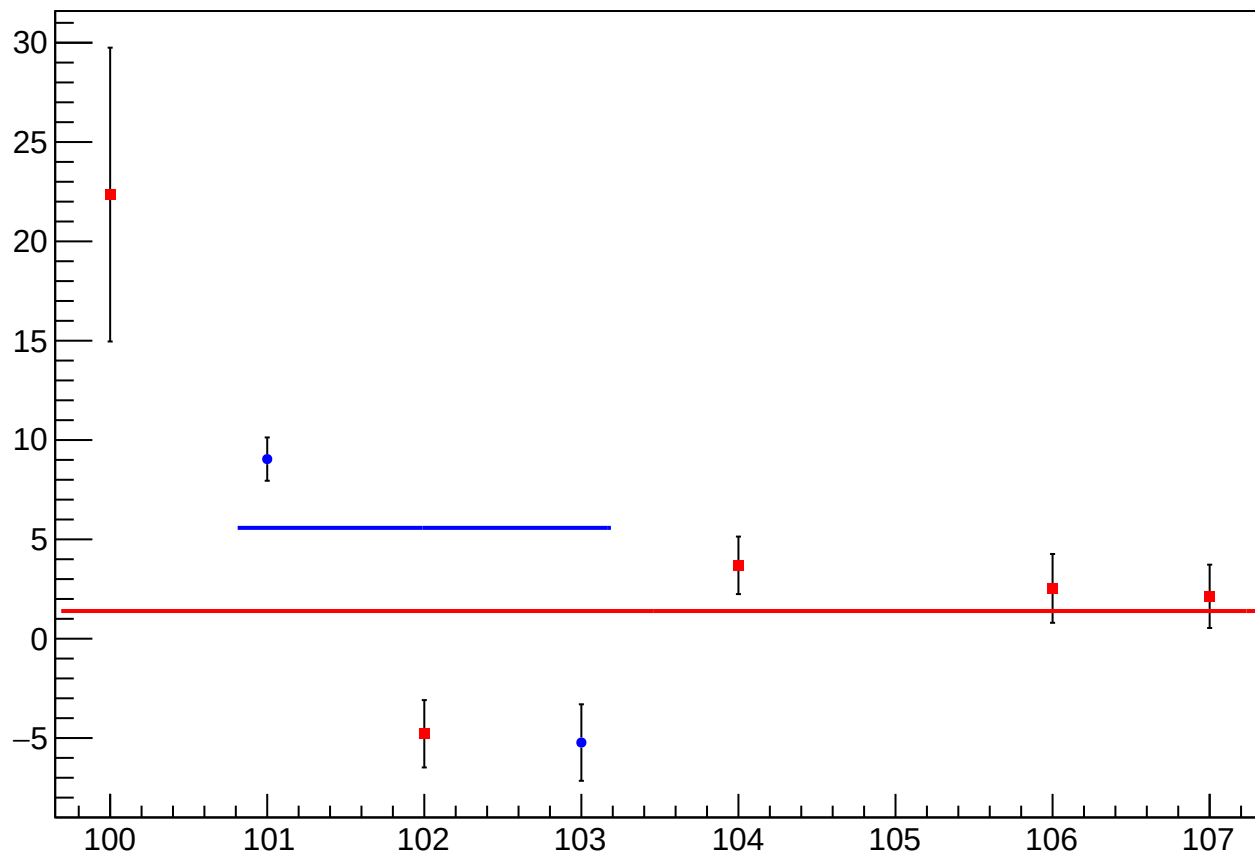
Right: -3.481+/-0.735 χ^2 /NDF: 312.0/6

In: -6.773+/-1.079 χ^2 /NDF:52.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -3.481+/-0.735 χ^2 /NDF: 312.0/6

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.579+/-0.948 χ^2/NDF : 41.6/1

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

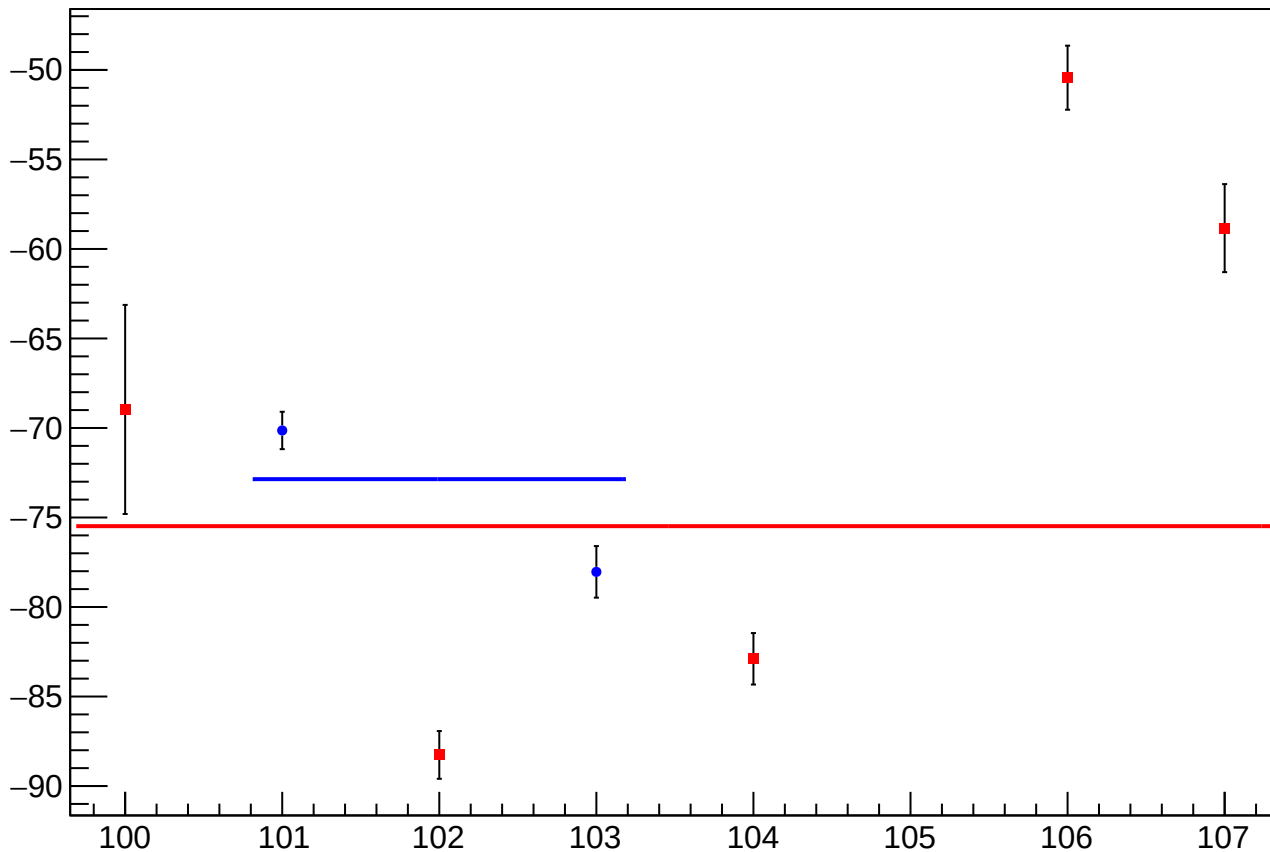
Right: 3.128+/-0.611 χ^2/NDF : 77.5/6

In: 5.579+/-0.948 χ^2/NDF : 41.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.128+/-0.611 χ^2/NDF : 77.5/6

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.859 ± 0.845 $\chi^2/\text{NDF}: 19.7/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -75.484 ± 0.802 $\chi^2/\text{NDF}: 361.5/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

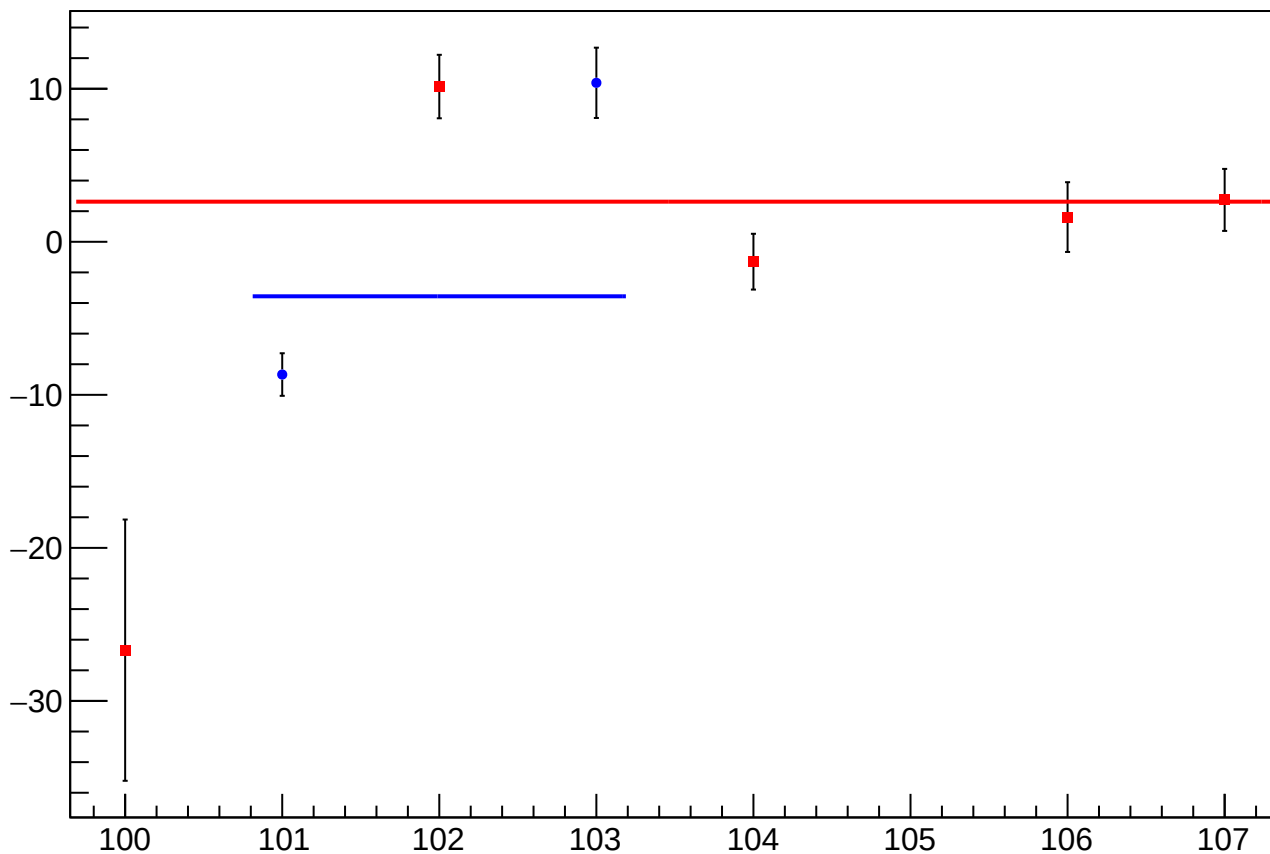
Right: -74.240 ± 0.582 $\chi^2/\text{NDF}: 386.2/6$

In: -72.859 ± 0.845 $\chi^2/\text{NDF}: 19.7/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -74.240 ± 0.582 $\chi^2/\text{NDF}: 386.2/6$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -3.561+/-1.190 χ^2 /NDF: 50.4/1

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

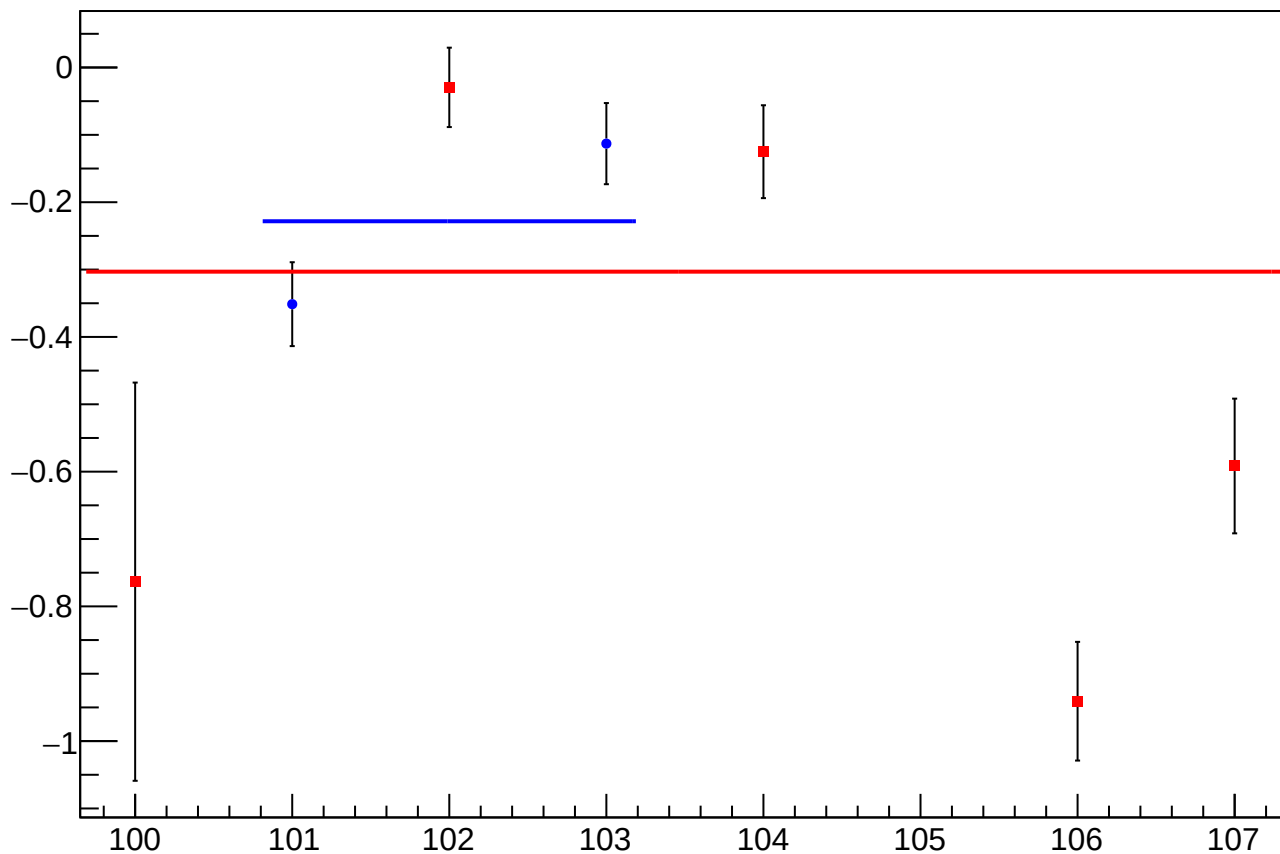
Right: 0.037+/-0.769 χ^2 /NDF: 95.9/6

In: -3.561+/-1.190 χ^2 /NDF:50.4/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.037+/-0.769 χ^2 /NDF: 95.9/6

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.228+/-0.043 χ^2 /NDF: 7.6/1

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

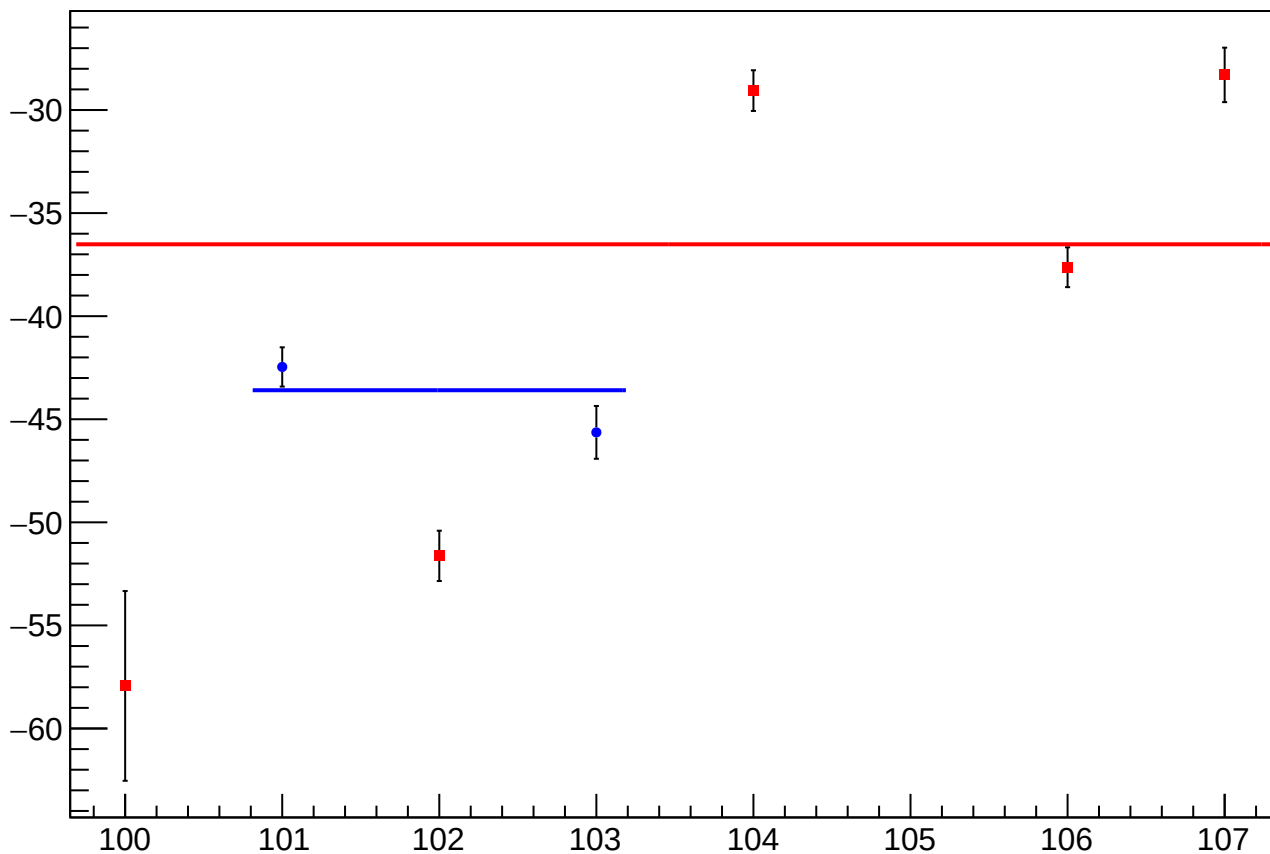
Right: -0.272+/-0.028 χ^2 /NDF: 100.7/6

In: -0.228+/-0.043 χ^2 /NDF:7.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.272+/-0.028 χ^2 /NDF: 100.7/6

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -43.593 $\pm$ 0.764 χ^2 /NDF: 4.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -36.514 $\pm$ 0.543 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

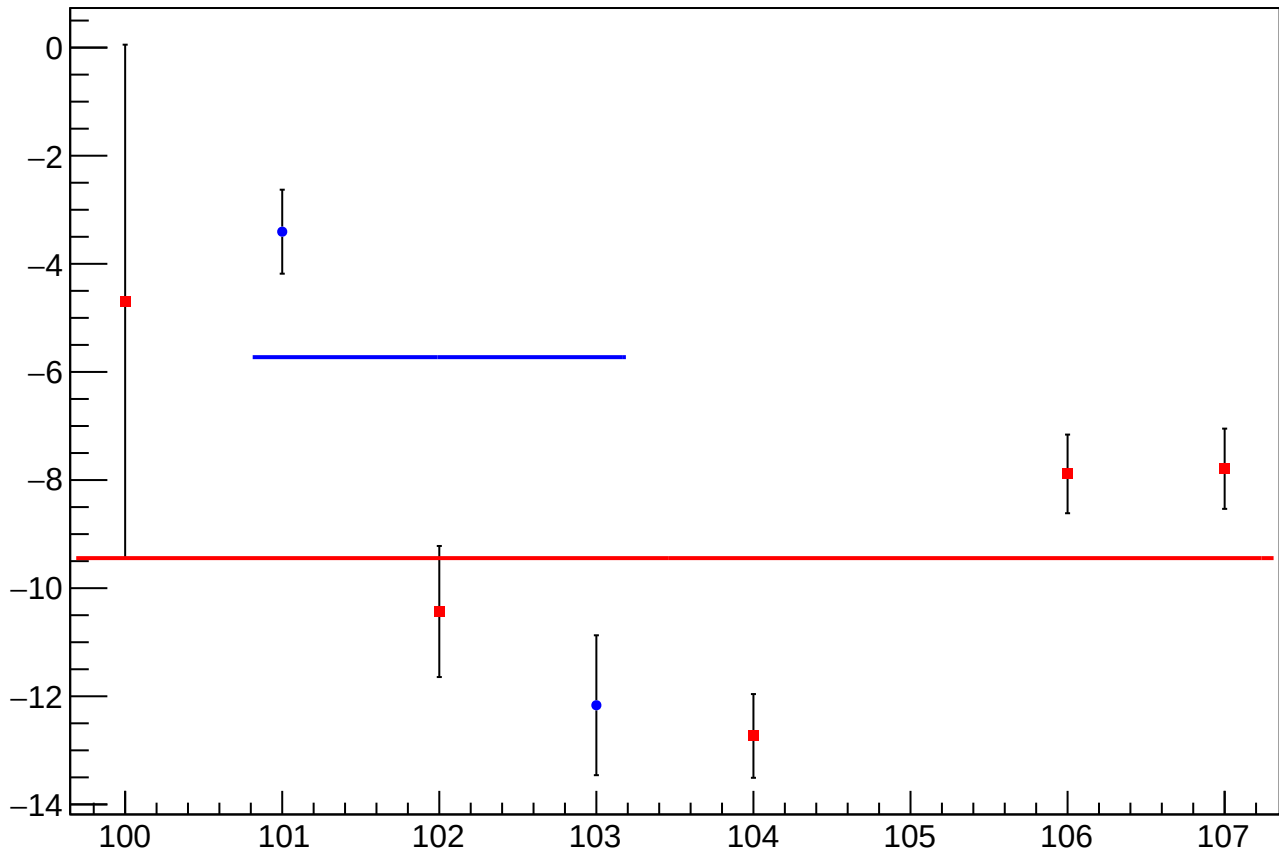
Right: -38.890 $\pm$ 0.443 χ^2 /NDF: 333.1/6

In: -43.593 $\pm$ 0.764 χ^2 /NDF:4.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -38.890 $\pm$ 0.443 χ^2 /NDF: 333.1/6

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.727 $\pm$ 0.666 χ^2 /NDF: 33.7/1

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

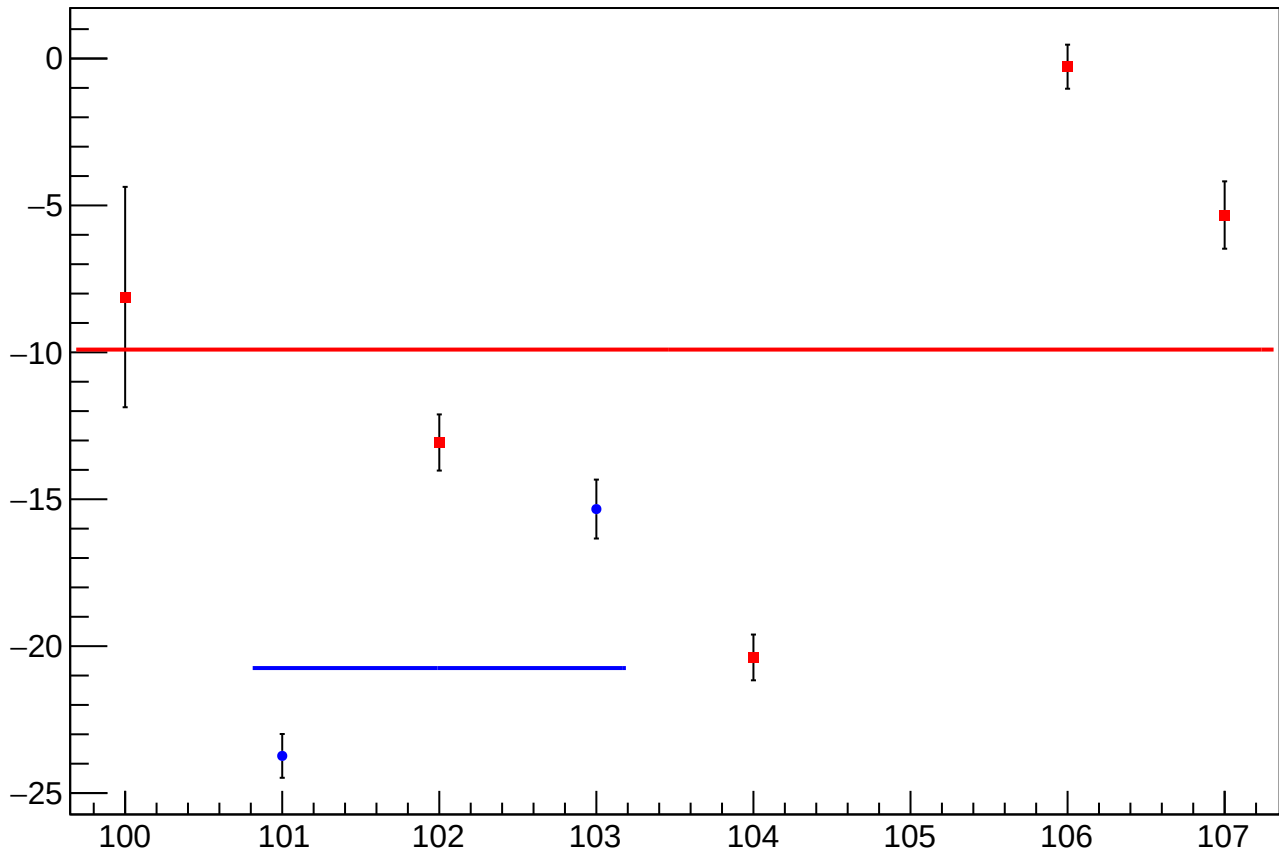
Right: -8.441 $\pm$ 0.346 χ^2 /NDF: 85.7/6

In: -5.727 $\pm$ 0.666 χ^2 /NDF:33.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -8.441 $\pm$ 0.346 χ^2 /NDF: 85.7/6

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -20.745 $\pm$ 0.598 χ^2 /NDF: 45.2/1

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

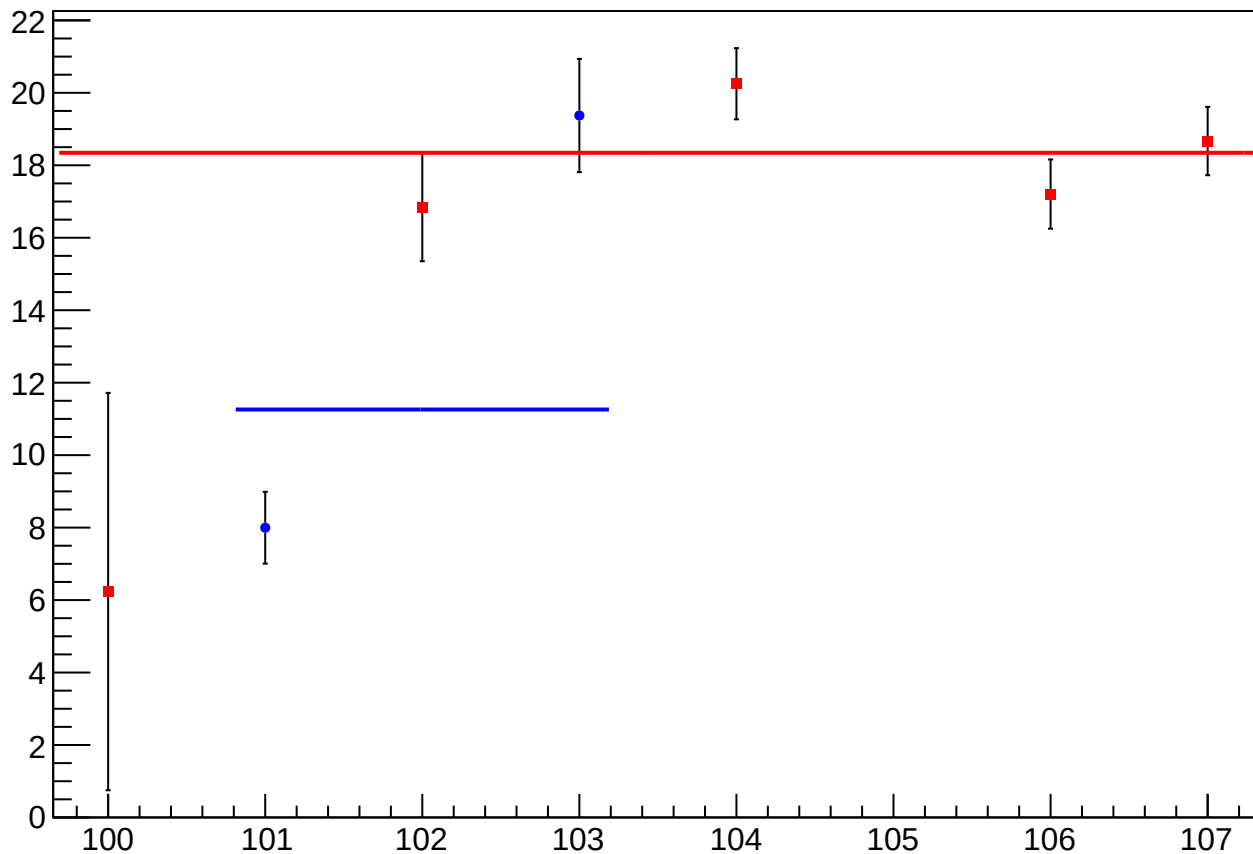
Right: -13.623 $\pm$ 0.350 χ^2 /NDF: 634.1/6

In: -20.745 $\pm$ 0.598 χ^2 /NDF: 45.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -13.623 $\pm$ 0.350 χ^2 /NDF: 634.1/6

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.260 $\pm$ 0.837 χ^2 /NDF: 37.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18.345 $\pm$ 0.517 χ^2 /NDF: 11.2/4

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

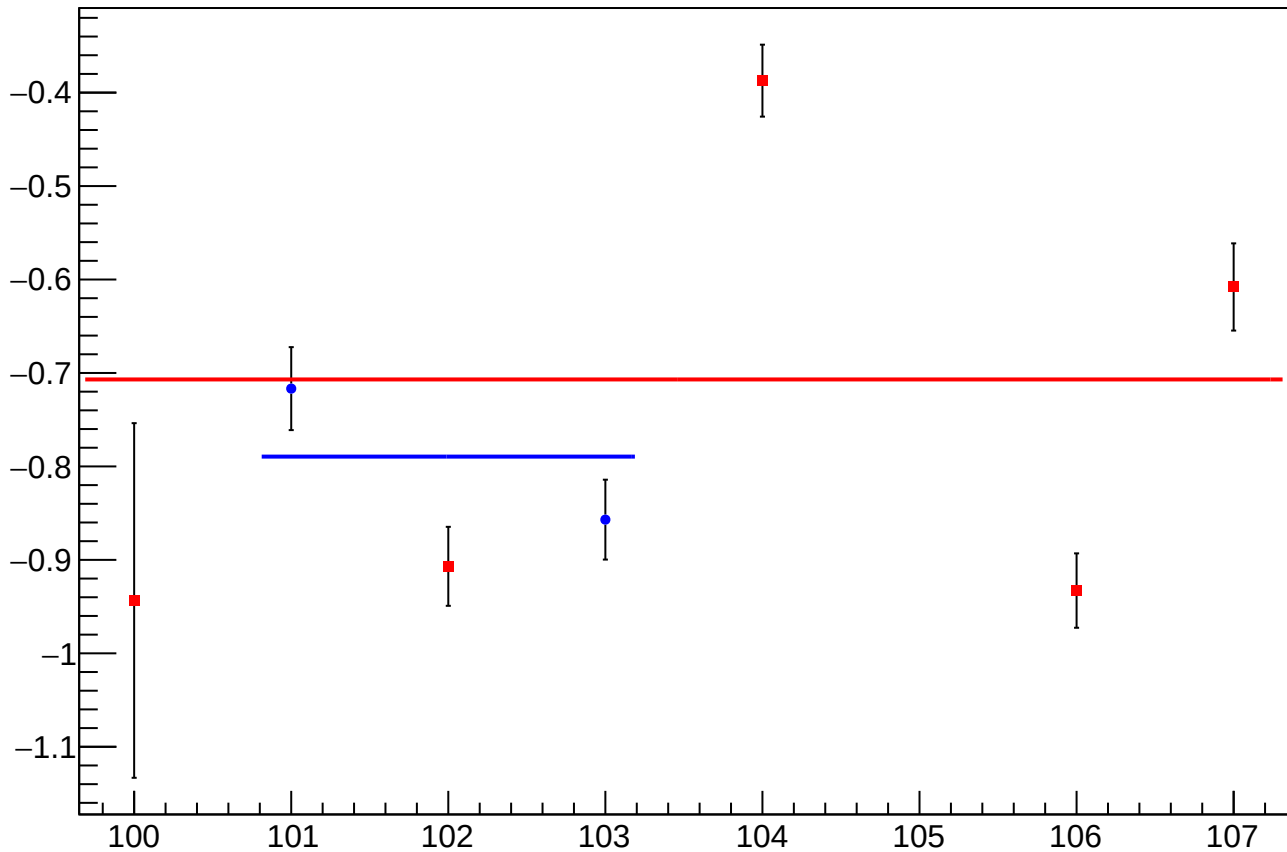
Right: 16.389 $\pm$ 0.440 χ^2 /NDF: 100.8/6

In: 11.260 $\pm$ 0.837 χ^2 /NDF: 37.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.389 $\pm$ 0.440 χ^2 /NDF: 100.8/6

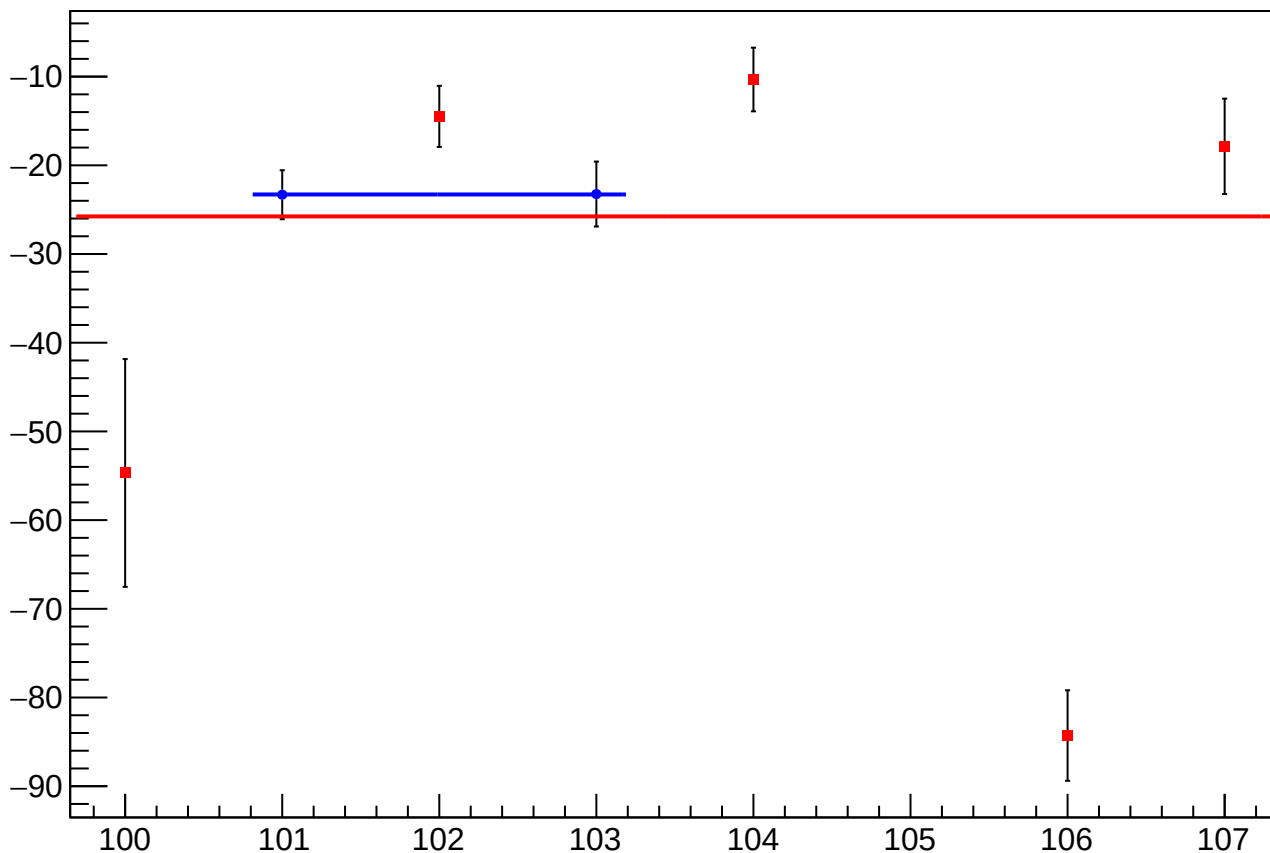
reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.789+/-0.031 χ^2/NDF : 5.2/1
 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: -0.732+/-0.017 χ^2/NDF : 139.8/6
 In: -0.789+/-0.031 χ^2/NDF : 5.2/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.732+/-0.017 χ^2/NDF : 139.8/6

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -23.286 $\pm$ 2.205 χ^2 /NDF: 0.0/1

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

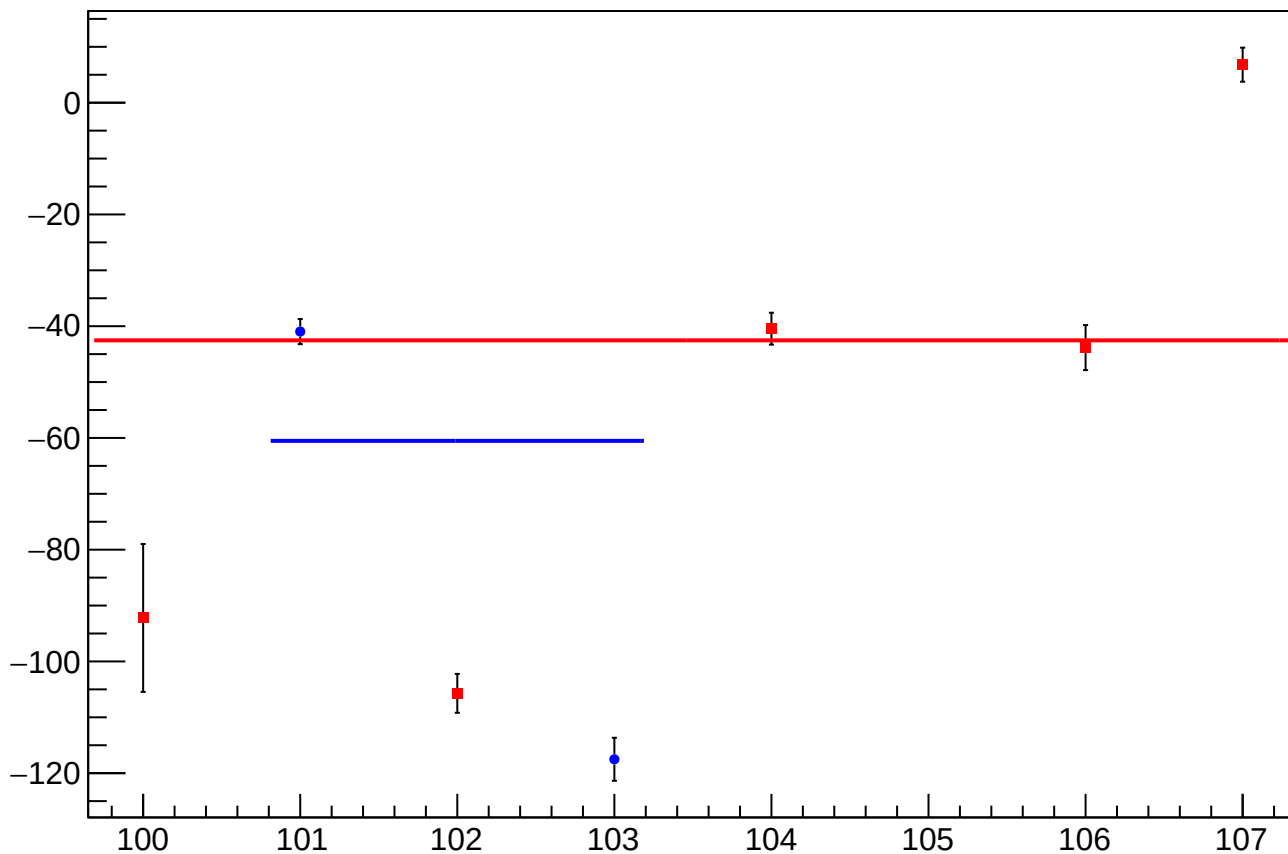
Right: -24.621 $\pm$ 1.496 χ^2 /NDF: 168.6/6

In: -23.286 $\pm$ 2.205 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -24.621 $\pm$ 1.496 χ^2 /NDF: 168.6/6

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -60.522+/-1.947 χ^2/NDF : 294.1/1

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

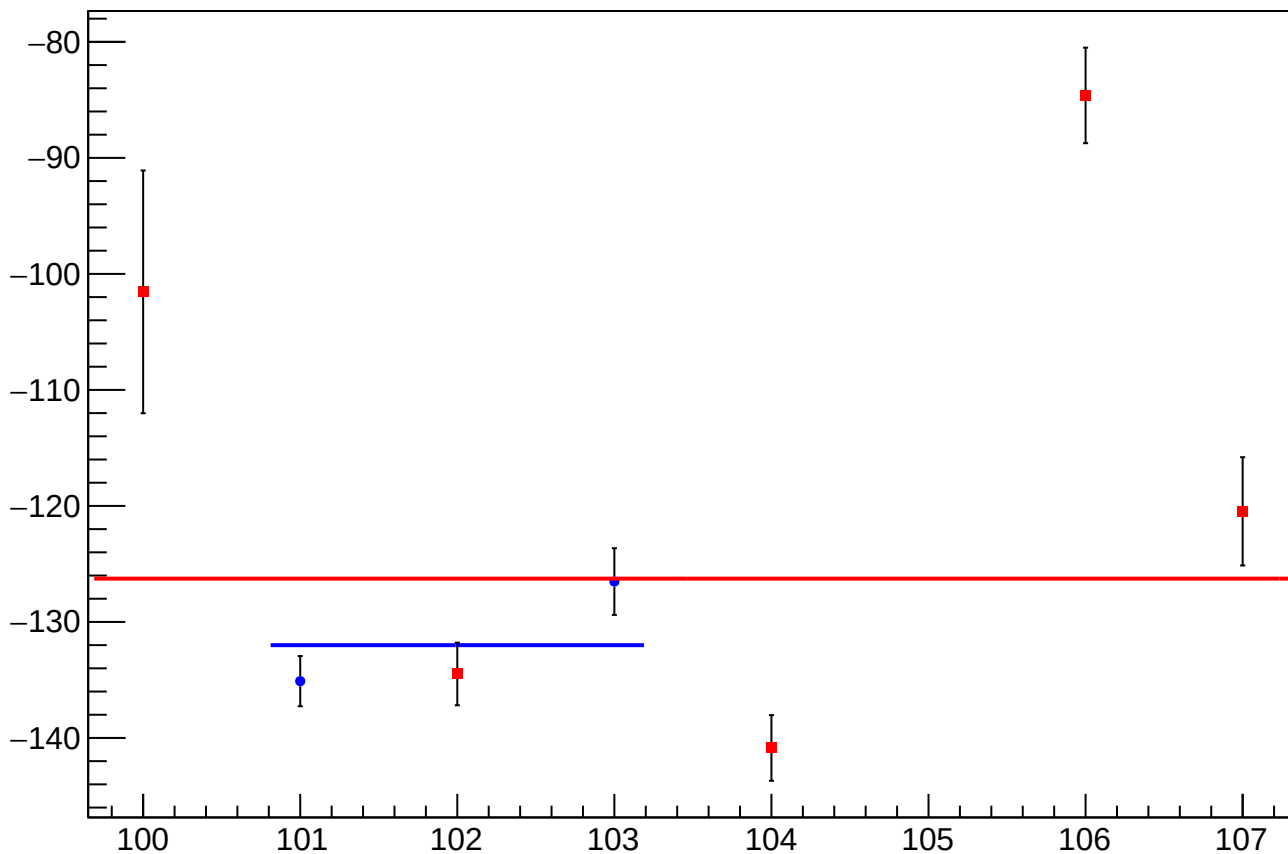
Right: -49.902+/-1.246 χ^2/NDF : 951.1/6

In: -60.522+/-1.947 χ^2/NDF : 294.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -49.902+/-1.246 χ^2/NDF : 951.1/6

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -132.002+/-1.728 χ^2/NDF : 5.7/1

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

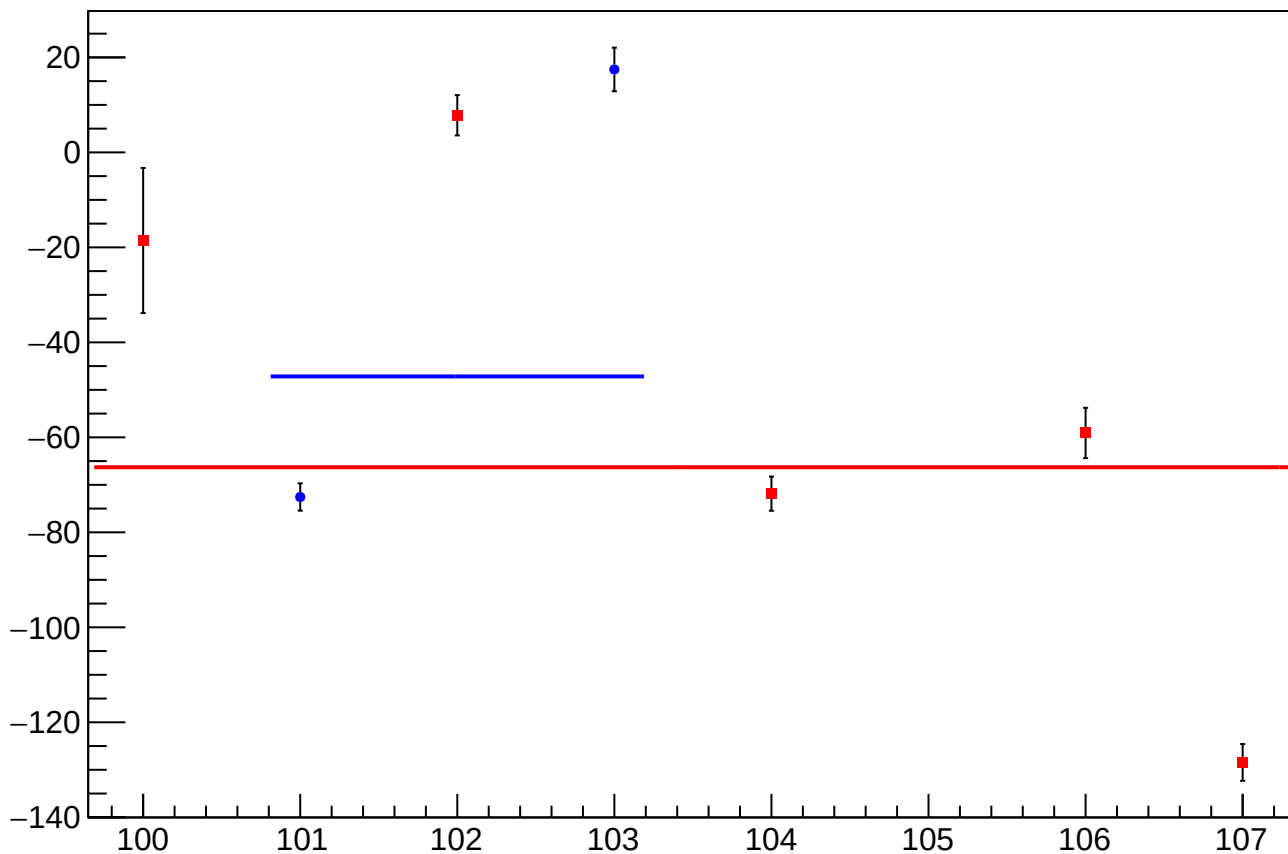
Right: -128.968+/-1.186 χ^2/NDF : 156.9/6

In: -132.002+/-1.728 χ^2/NDF : 5.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -128.968+/-1.186 χ^2/NDF : 156.9/6

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -47.172 ± 2.437 $\chi^2/\text{NDF}: 276.4/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -66.295 ± 2.044 $\chi^2/\text{NDF}: 576.7/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

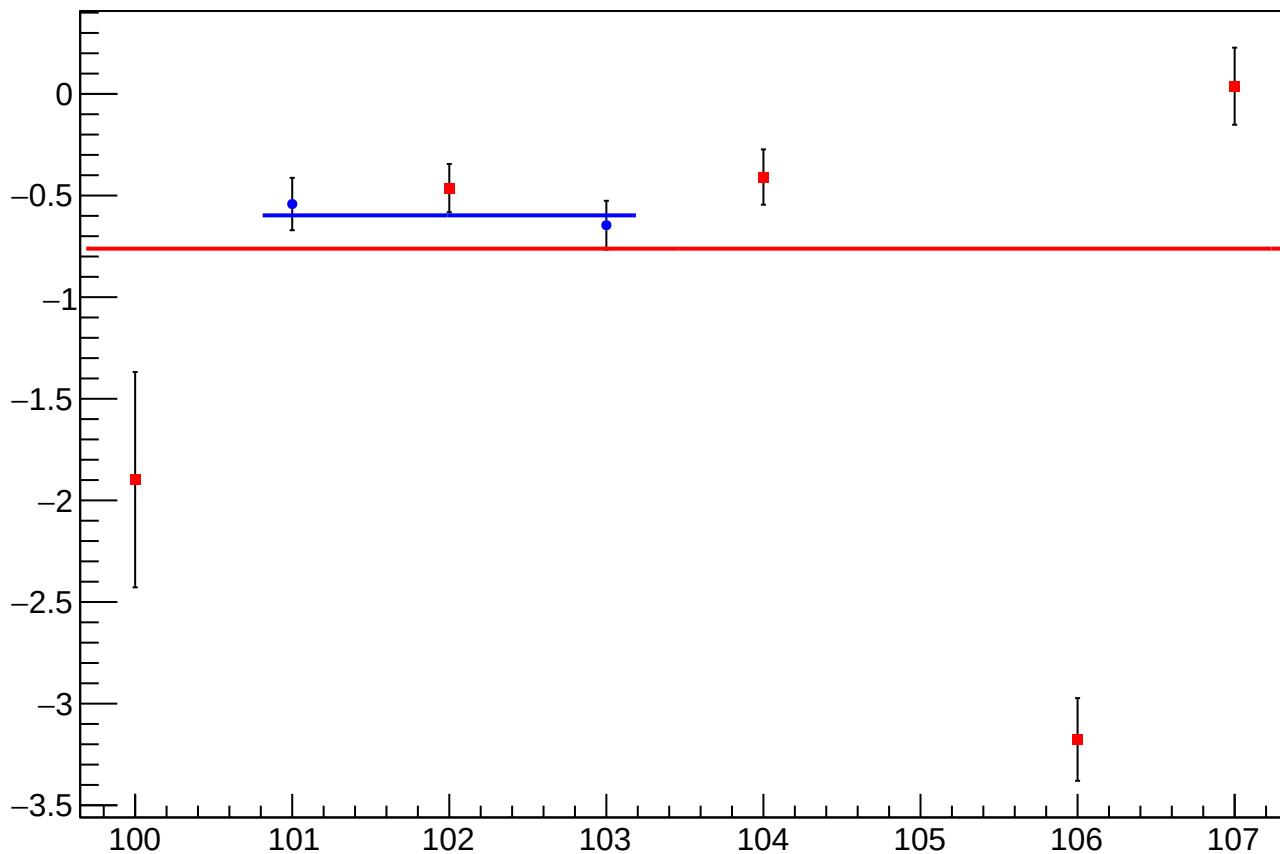
Right: -58.395 ± 1.566 $\chi^2/\text{NDF}: 889.2/6$

In: -47.172 ± 2.437 $\chi^2/\text{NDF}: 276.4/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -58.395 ± 1.566 $\chi^2/\text{NDF}: 889.2/6$

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.598+/-0.088 χ^2 /NDF: 0.3/1

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

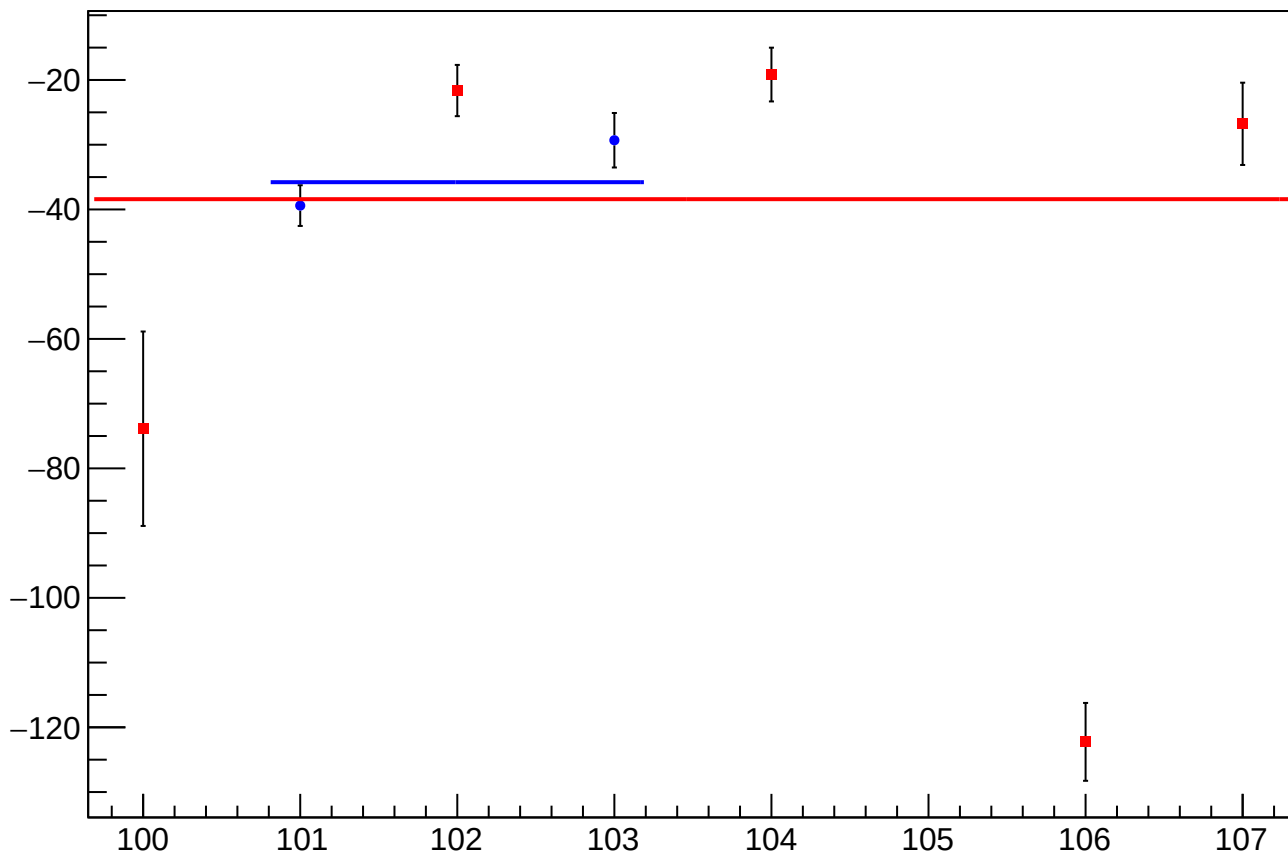
Right: -0.693+/-0.057 χ^2 /NDF: 178.7/6

In: -0.598+/-0.088 χ^2 /NDF:0.3/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.693+/-0.057 χ^2 /NDF: 178.7/6

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -35.788 $\pm$ 2.520 χ^2 /NDF: 3.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -38.413 $\pm$ 2.366 χ^2 /NDF: 242.7/4

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

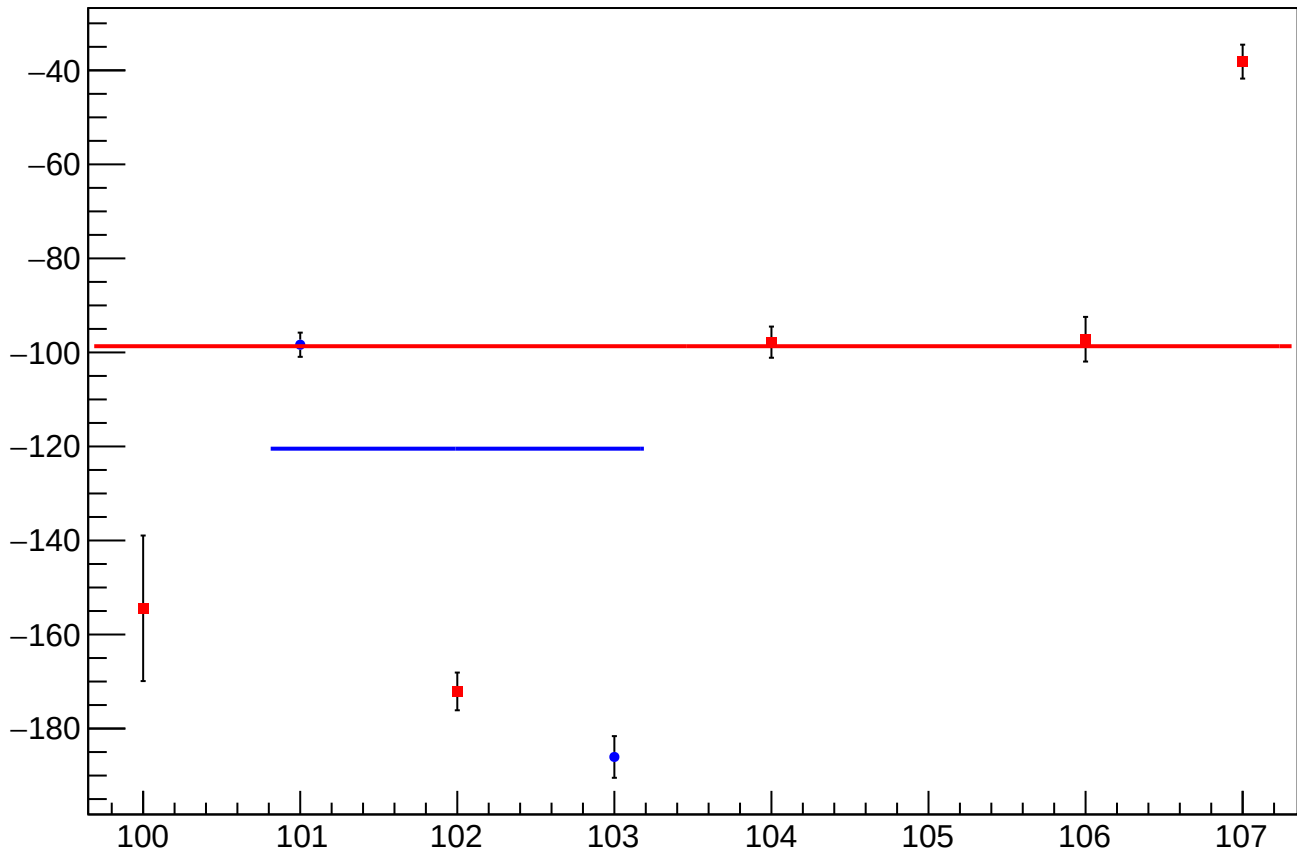
Right: -37.183 $\pm$ 1.725 χ^2 /NDF: 246.9/6

In: -35.788 $\pm$ 2.520 χ^2 /NDF:3.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -37.183 $\pm$ 1.725 χ^2 /NDF: 246.9/6

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -120.472+/-2.226 χ^2 /NDF: 292.6/1

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

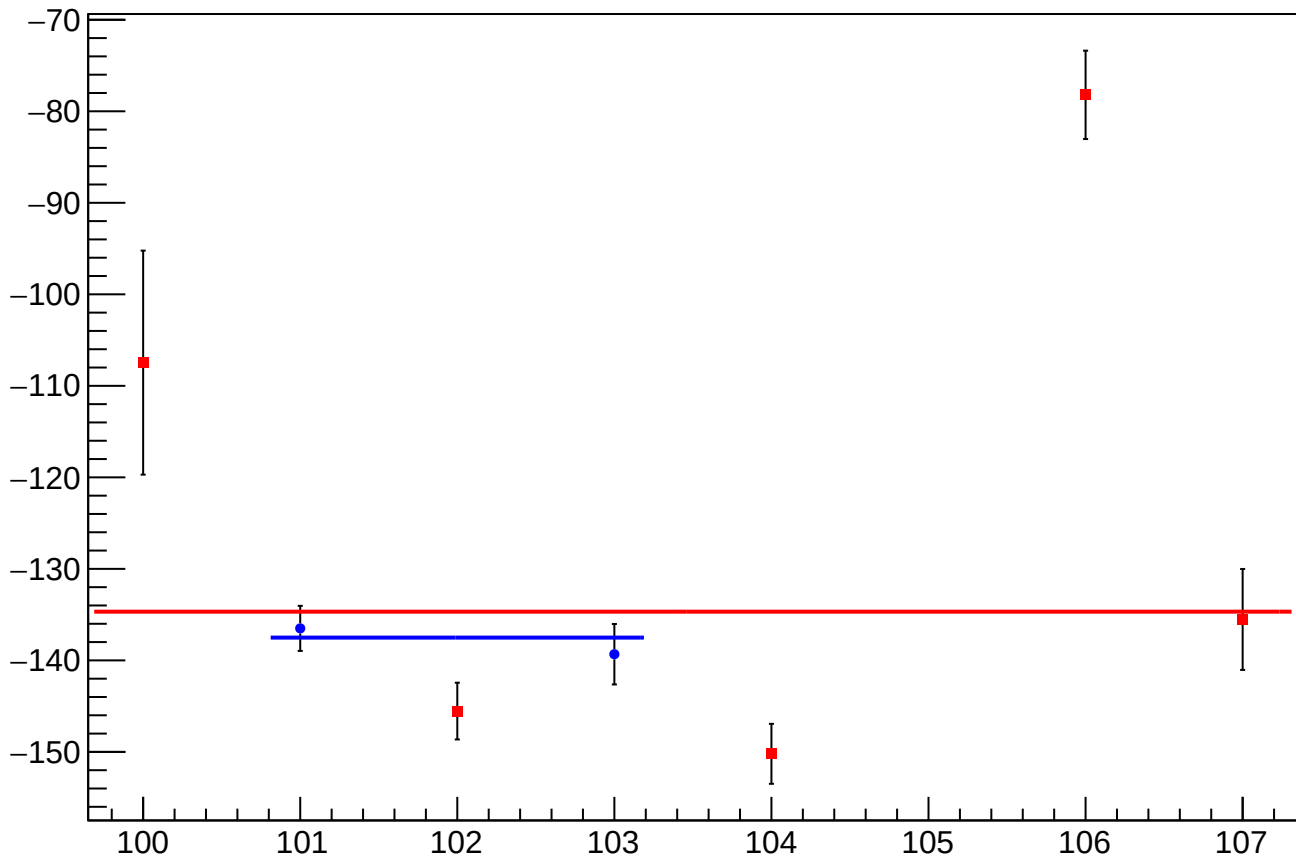
Right: -107.837+/-1.443 χ^2 /NDF: 977.8/6

In: -120.472+/-2.226 χ^2 /NDF:292.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -107.837+/-1.443 χ^2 /NDF: 977.8/6

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -137.511 $\pm$ 1.974 χ^2 /NDF: 0.5/1

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

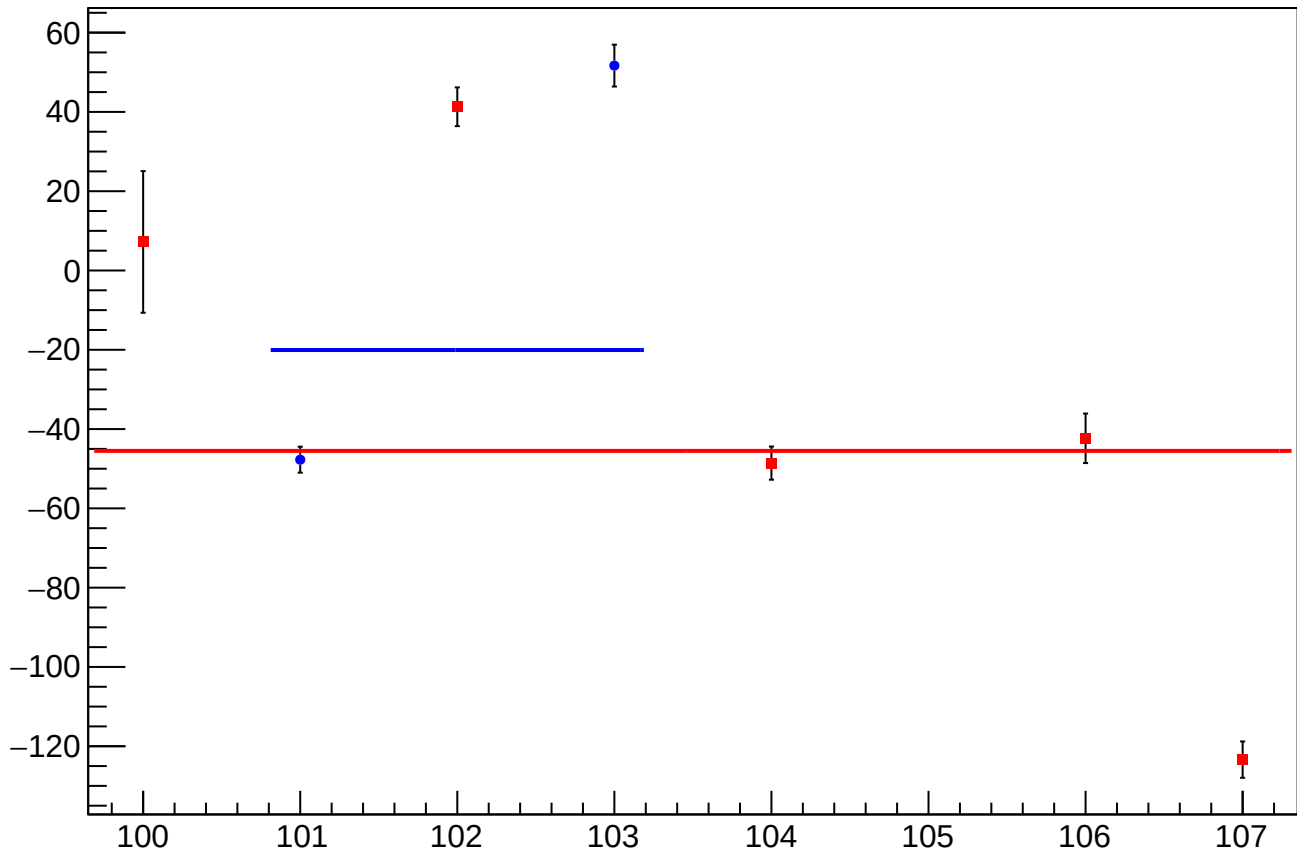
Right: -136.033 $\pm$ 1.366 χ^2 /NDF: 178.1/6

In: -137.511 $\pm$ 1.974 χ^2 /NDF: 0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -136.033 $\pm$ 1.366 χ^2 /NDF: 178.1/6

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -20.061 ± 2.785 χ^2/NDF : 255.8/1

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

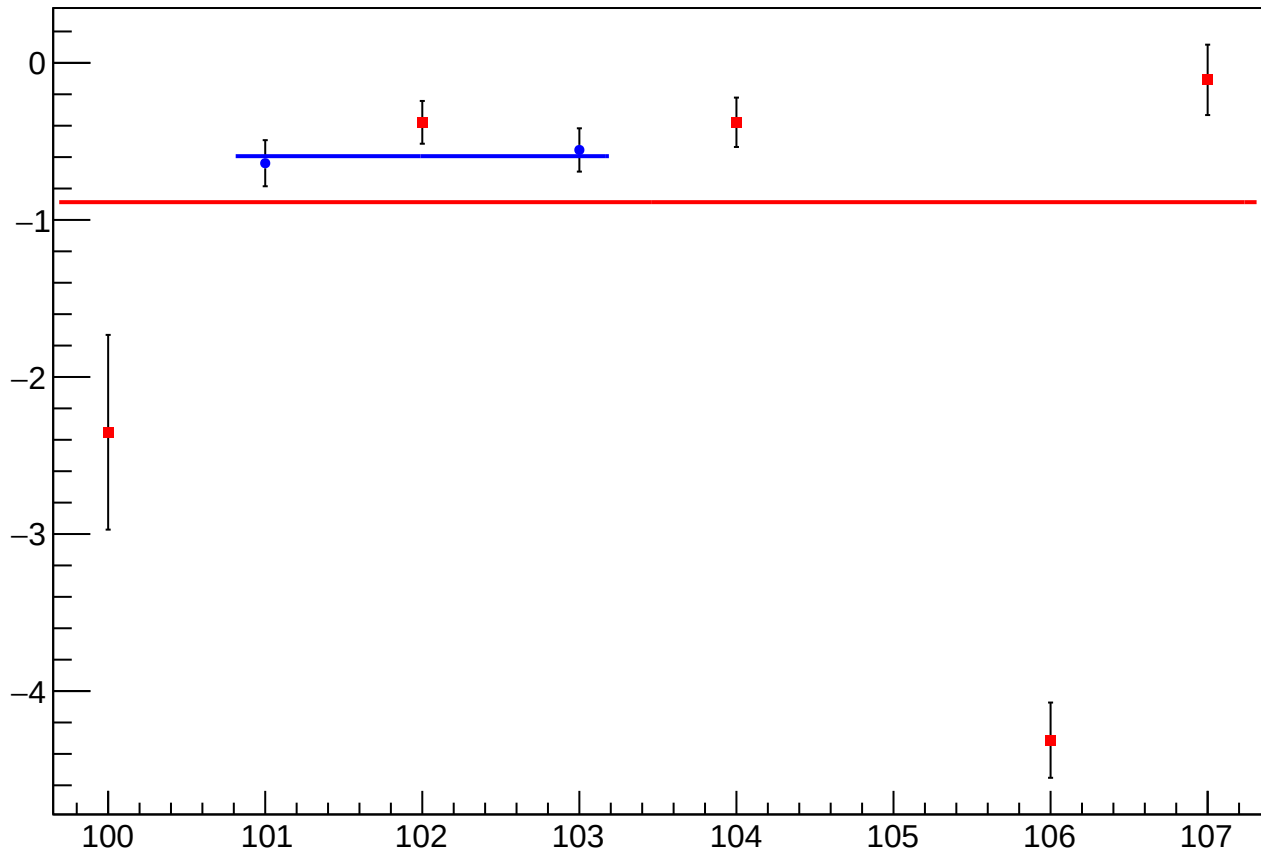
Right: -34.723 ± 1.813 χ^2/NDF : 917.3/6

In: -20.061 ± 2.785 χ^2/NDF : 255.8/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -34.723 ± 1.813 χ^2/NDF : 917.3/6

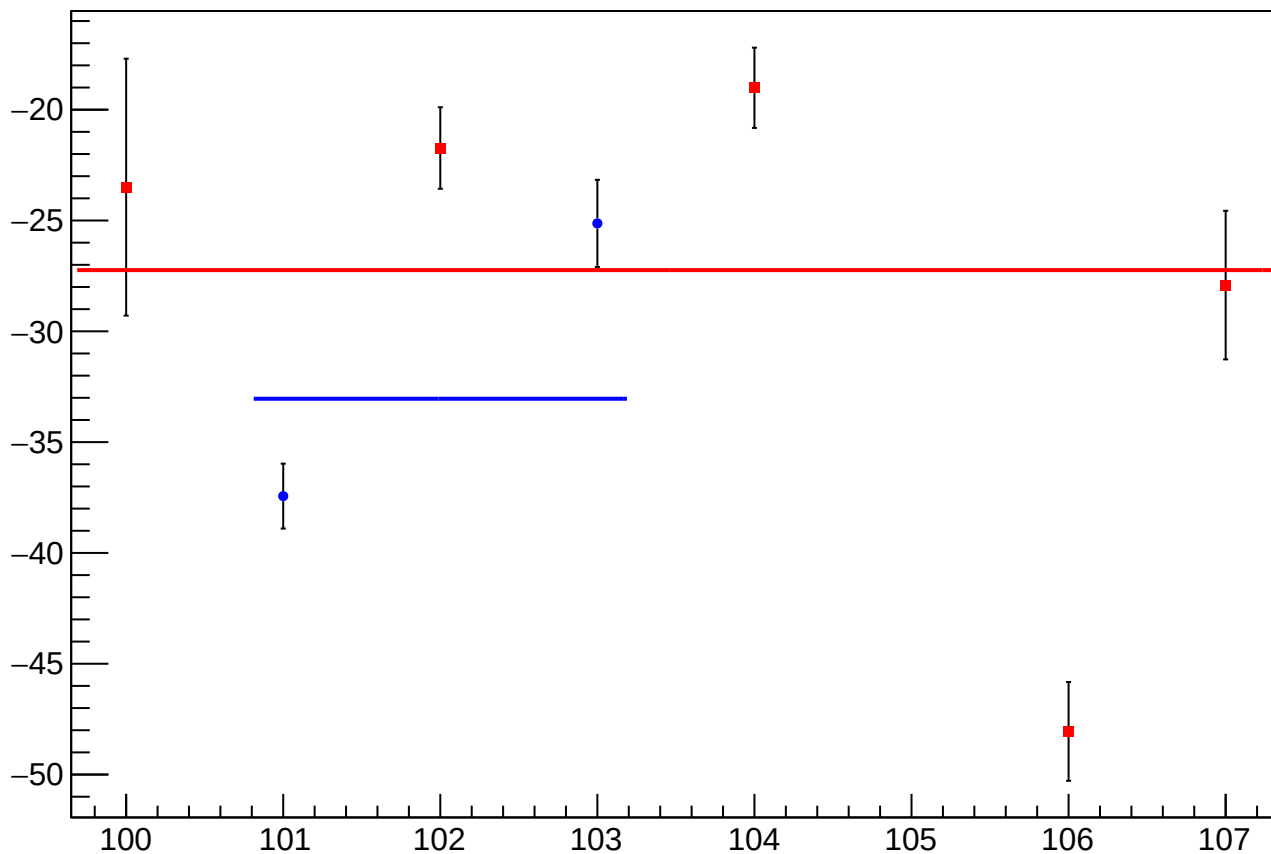
reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.594 $\pm$ 0.101 χ^2 /NDF: 0.2/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: -0.887 $\pm$ 0.086 χ^2 /NDF: 246.5/4
 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: -0.763 $\pm$ 0.065 χ^2 /NDF: 251.6/6
 In: -0.594 $\pm$ 0.101 χ^2 /NDF: 0.2/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -0.763 $\pm$ 0.065 χ^2 /NDF: 251.6/6

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -33.042 $\pm$ 1.175 χ^2 /NDF: 25.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -27.238 $\pm$ 1.042 χ^2 /NDF: 117.3/4

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

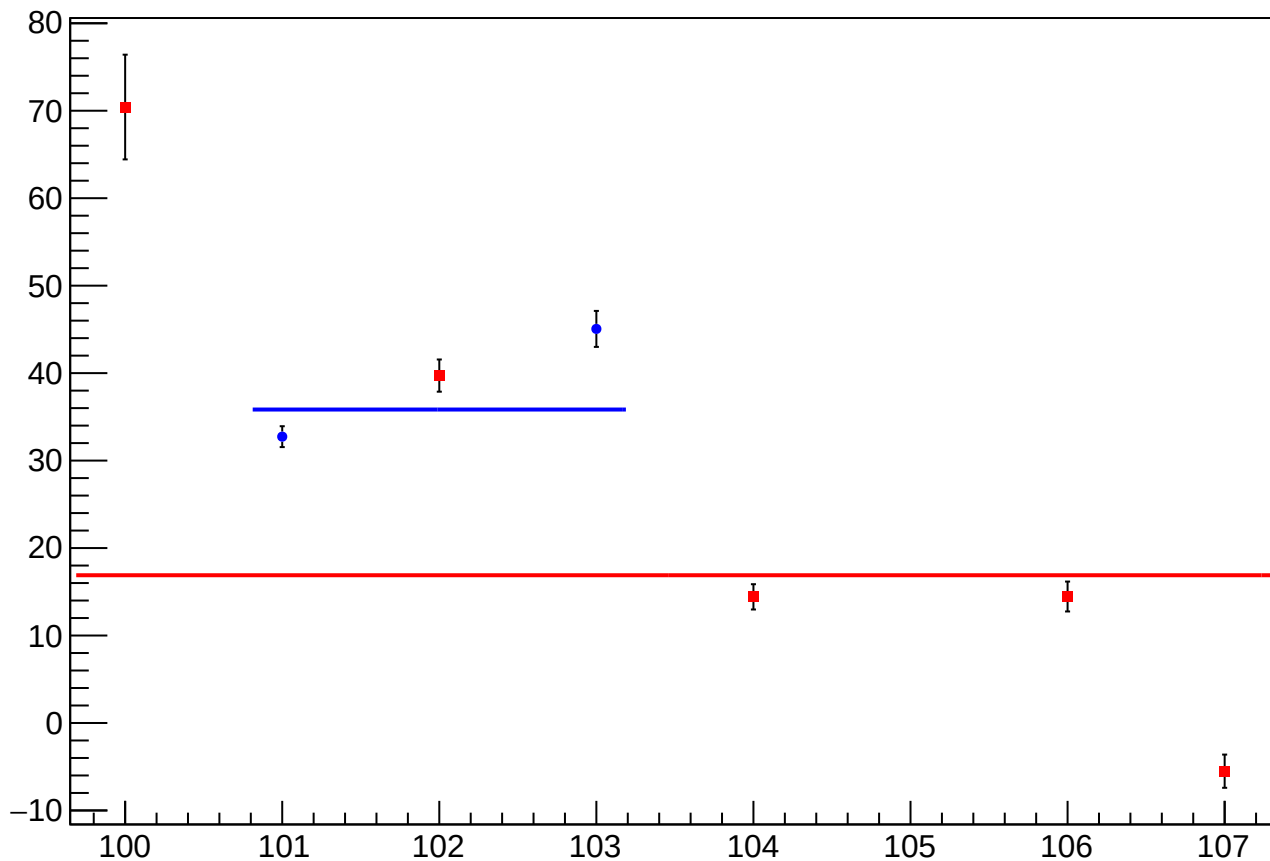
Right: -29.795 $\pm$ 0.780 χ^2 /NDF: 156.1/6

In: -33.042 $\pm$ 1.175 χ^2 /NDF: 25.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -29.795 $\pm$ 0.780 χ^2 /NDF: 156.1/6

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 35.838+/-1.032 χ^2 /NDF: 26.8/1

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

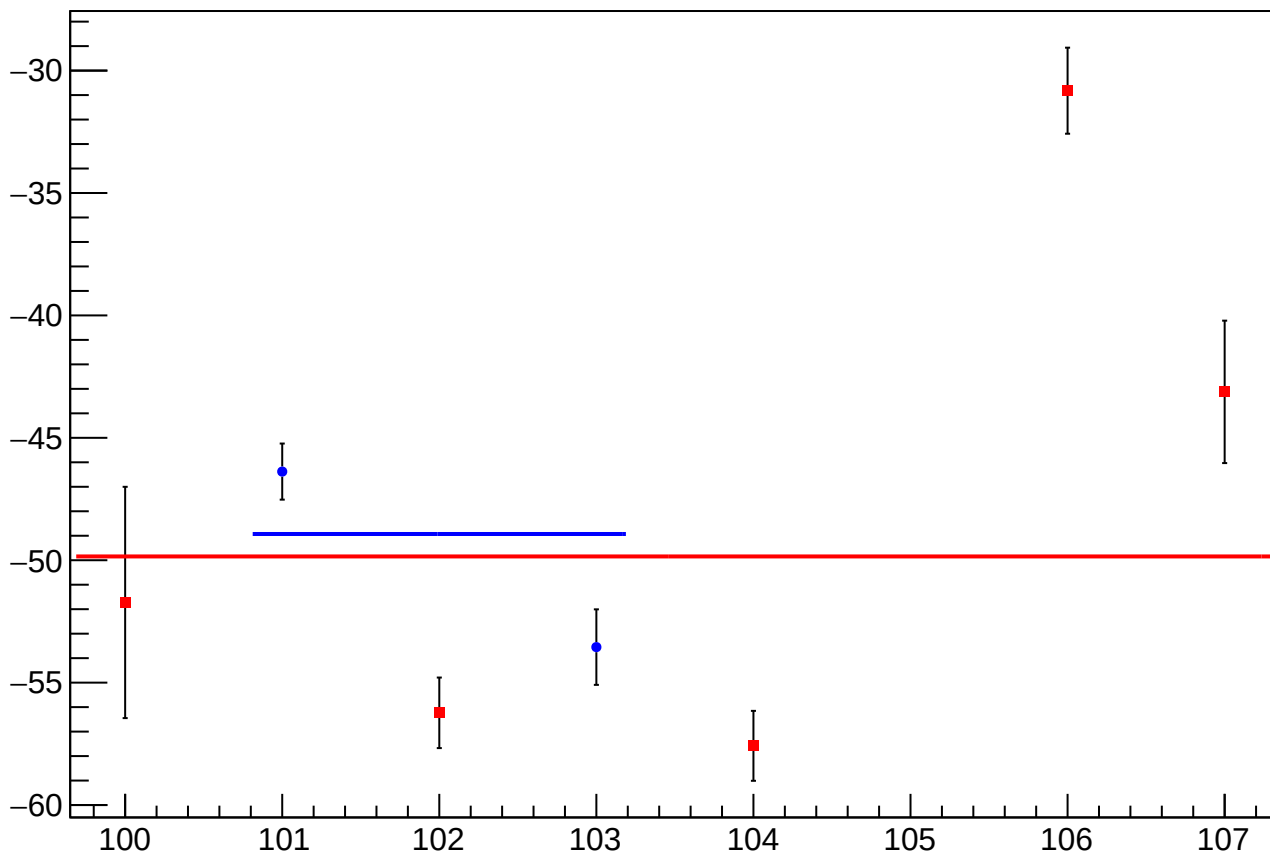
Right: 24.427+/-0.651 χ^2 /NDF: 607.5/6

In: 35.838+/-1.032 χ^2 /NDF:26.8/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 24.427+/-0.651 χ^2 /NDF: 607.5/6

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.928+/-0.920 χ^2/NDF : 13.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -49.845+/-0.828 χ^2/NDF : 171.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

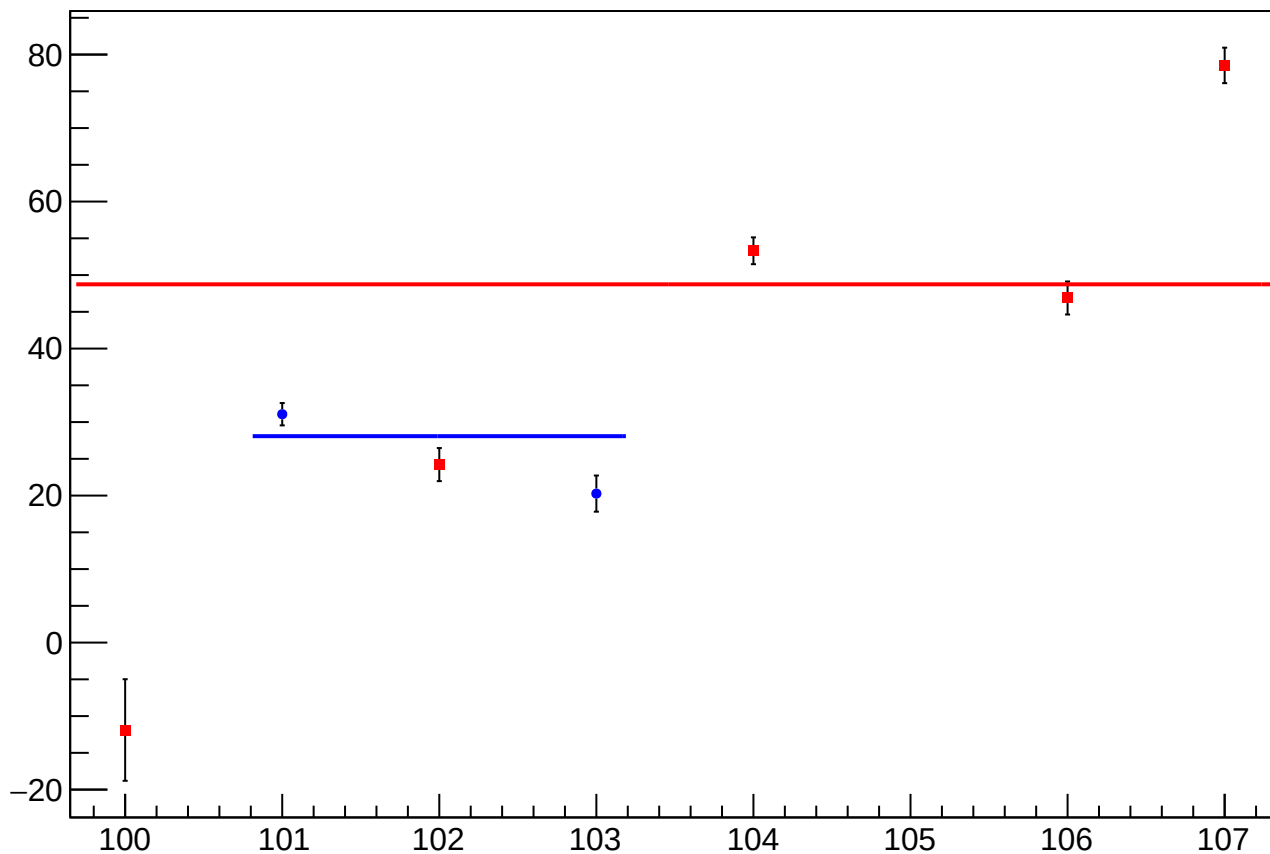
Right: -49.435+/-0.615 χ^2/NDF : 186.2/6

In: -48.928+/-0.920 χ^2/NDF : 13.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -49.435+/-0.615 χ^2/NDF : 186.2/6

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.082+/-1.293 χ^2 /NDF: 14.0/1

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

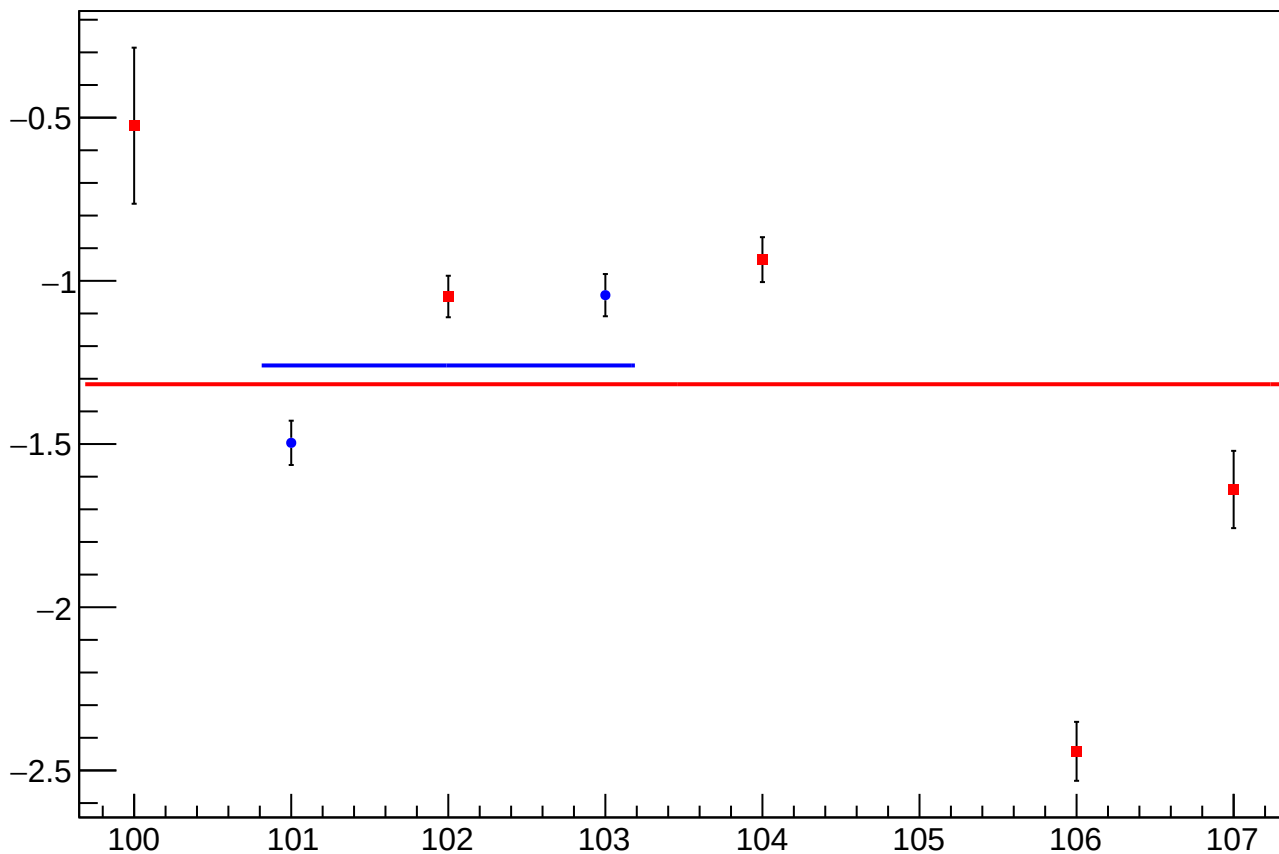
Right: 40.432+/-0.820 χ^2 /NDF: 521.4/6

In: 28.082+/-1.293 χ^2 /NDF:14.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 40.432+/-0.820 χ^2 /NDF: 521.4/6

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.259+/-0.047 χ^2 /NDF: 23.3/1

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

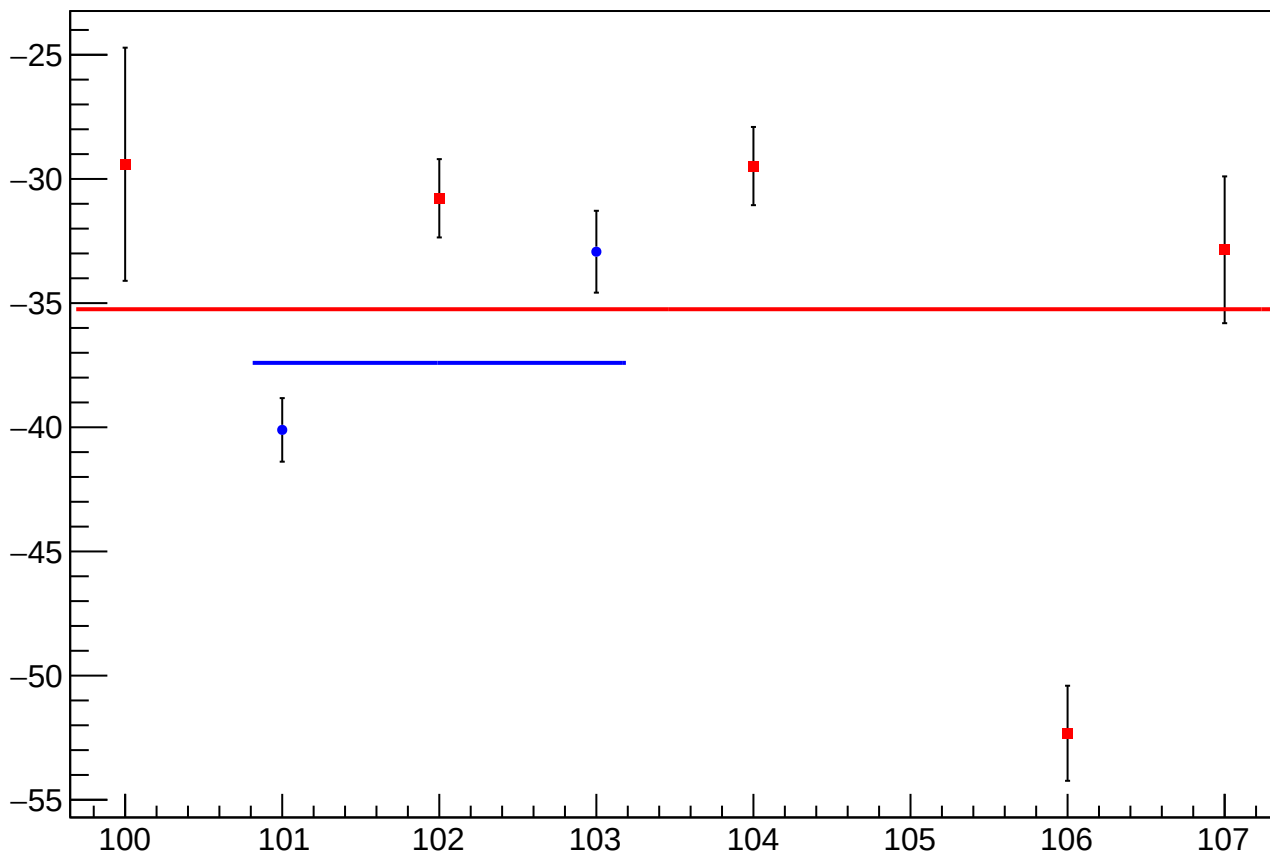
Right: -1.293+/-0.030 χ^2 /NDF: 246.4/6

In: -1.259+/-0.047 χ^2 /NDF:23.3/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1.293+/-0.030 χ^2 /NDF: 246.4/6

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -37.406 $\pm$ 1.011 χ^2 /NDF: 11.8/1

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

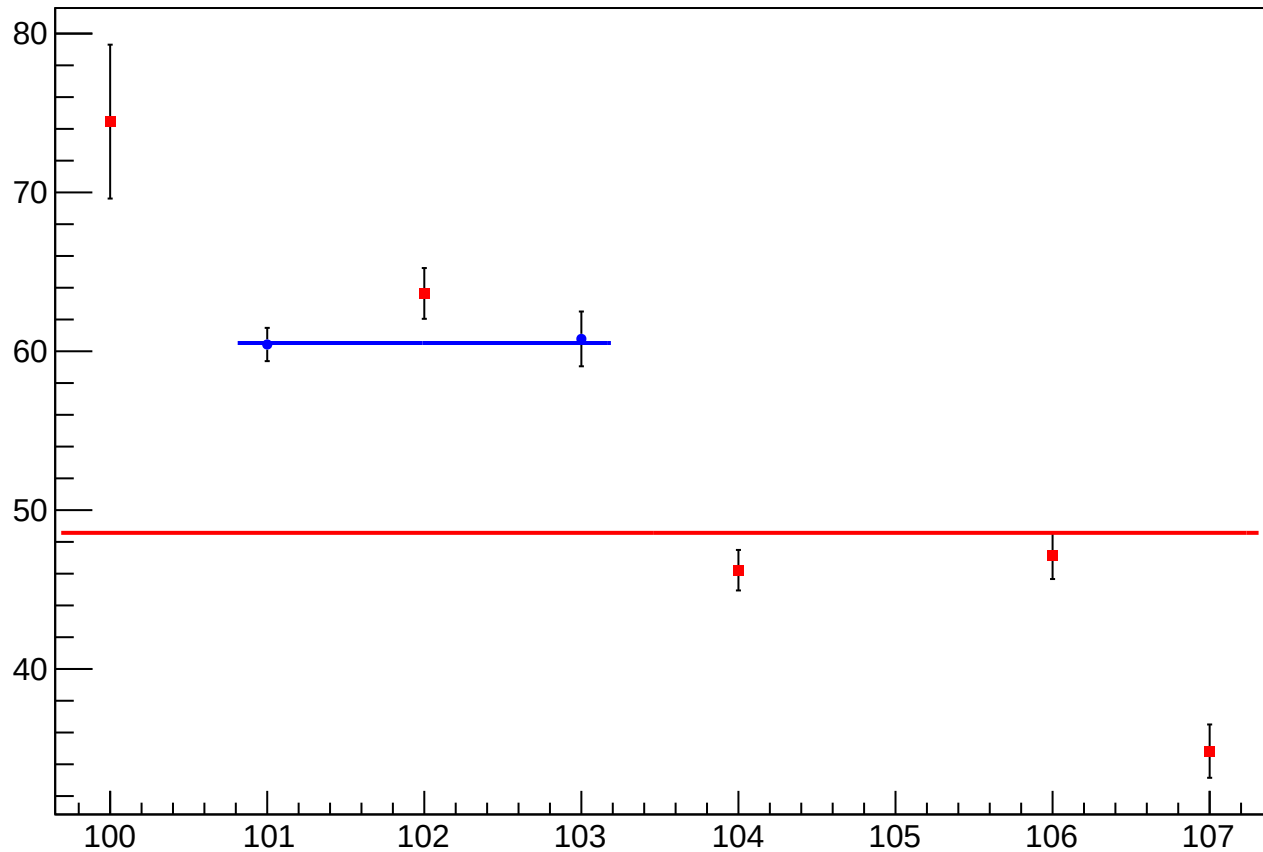
Right: -36.199 $\pm$ 0.672 χ^2 /NDF: 117.6/6

In: -37.406 $\pm$ 1.011 χ^2 /NDF: 11.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -36.199 $\pm$ 0.672 χ^2 /NDF: 117.6/6

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.521+/-0.895 χ^2/NDF : 0.0/1

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

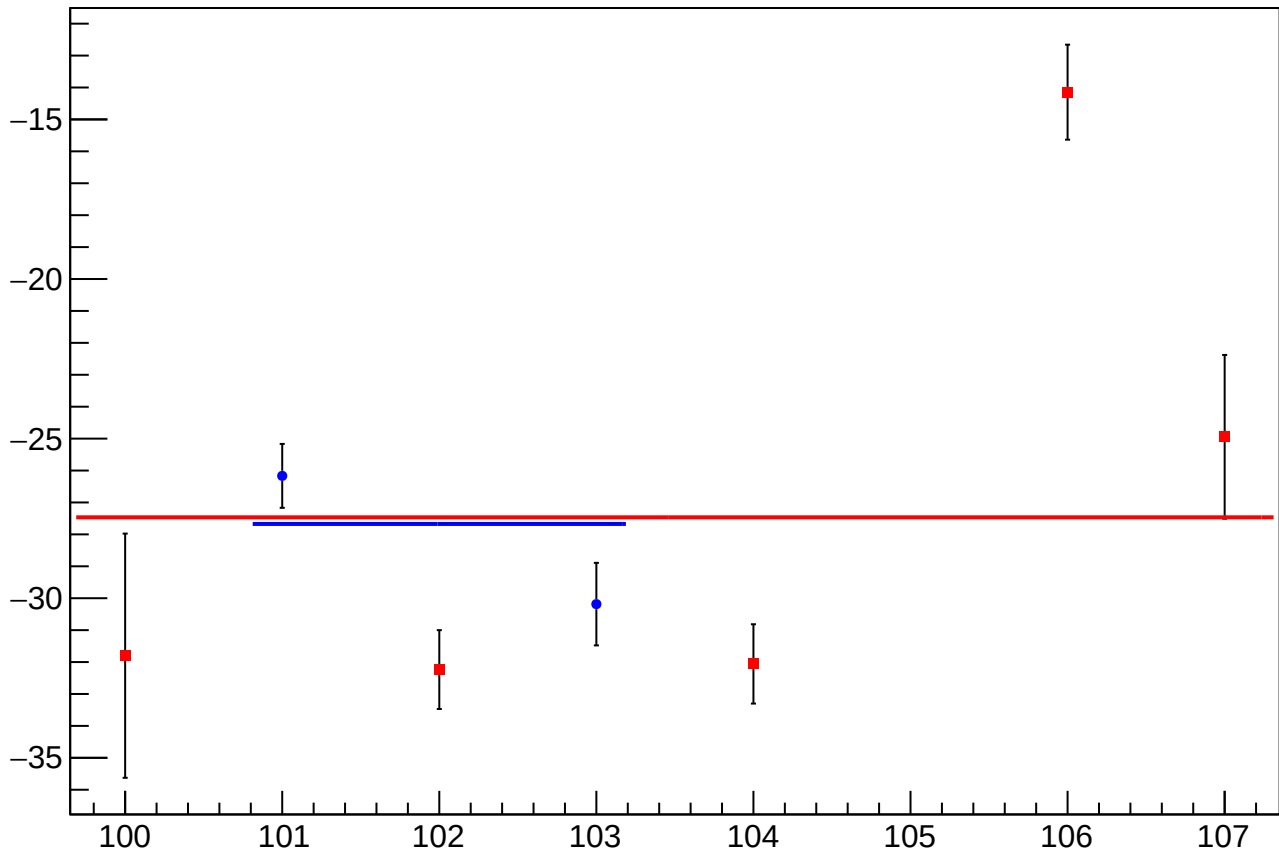
Right: 53.351+/-0.566 χ^2/NDF : 295.9/6

In: 60.521+/-0.895 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.351+/-0.566 χ^2/NDF : 295.9/6

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -27.673 $\pm$ 0.792 χ^2 /NDF: 6.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -27.466 $\pm$ 0.711 χ^2 /NDF: 110.9/4

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

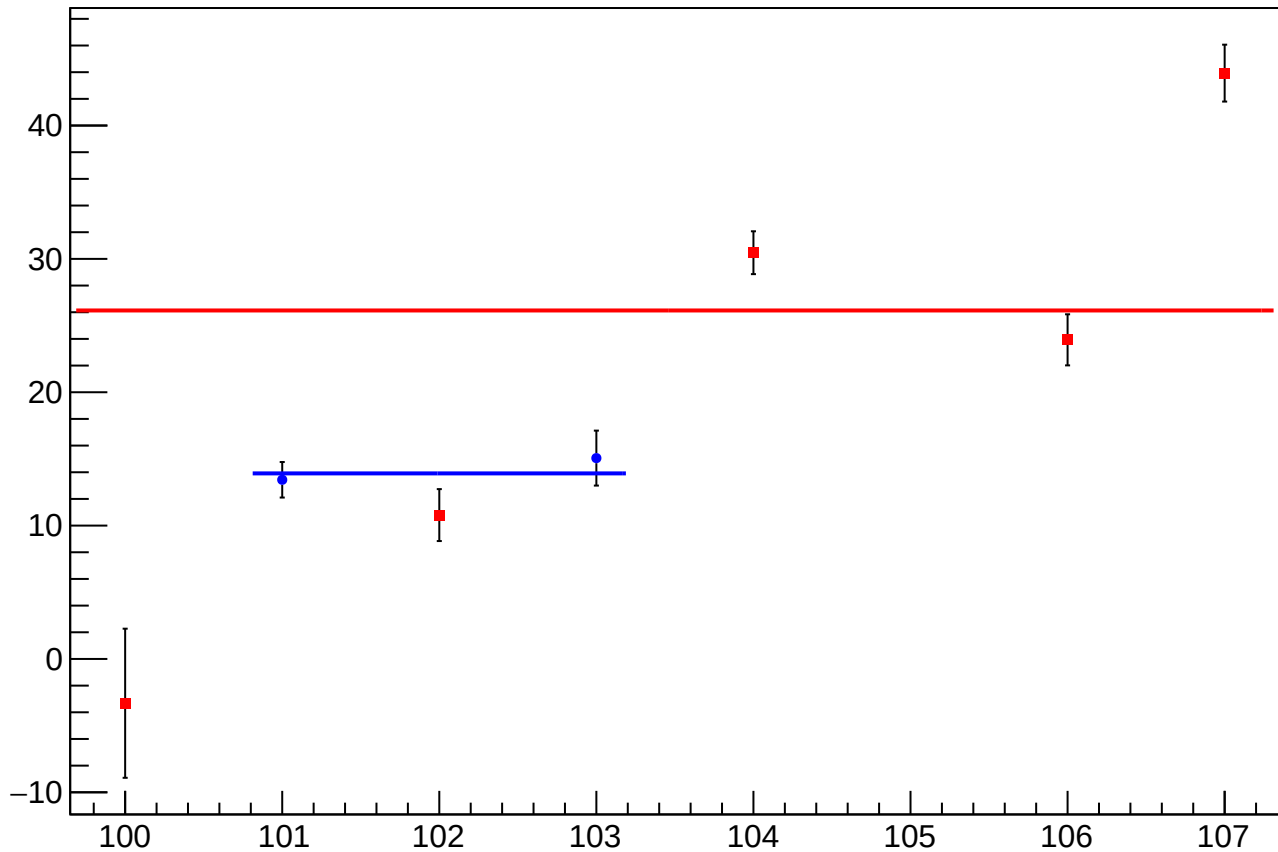
Right: -27.558 $\pm$ 0.529 χ^2 /NDF: 117.0/6

In: -27.673 $\pm$ 0.792 χ^2 /NDF:6.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -27.558 $\pm$ 0.529 χ^2 /NDF: 117.0/6

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.914+/-1.119 χ^2/NDF : 0.4/1

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

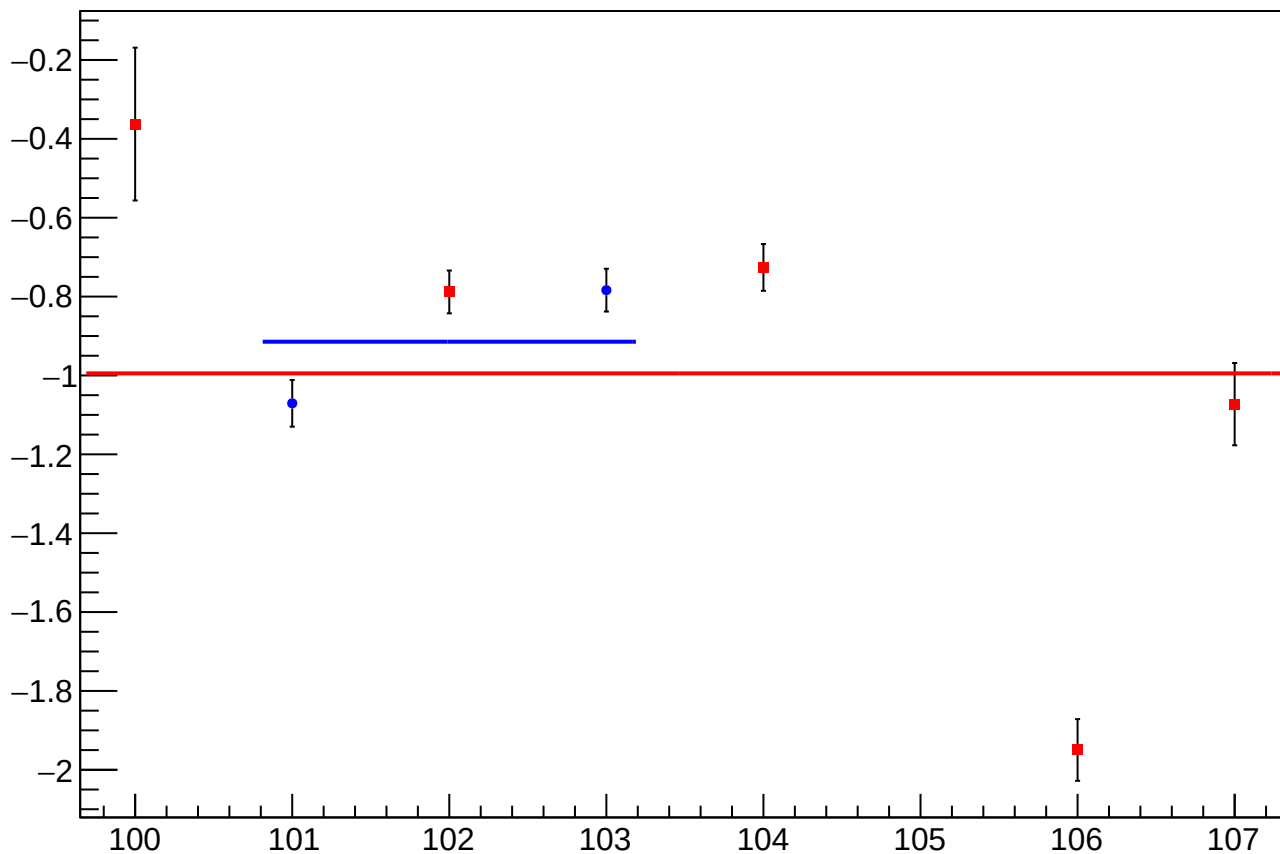
Right: 21.188+/-0.712 χ^2/NDF : 239.5/6

In: 13.914+/-1.119 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.188+/-0.712 χ^2/NDF : 239.5/6

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.914 $\pm$ 0.040 χ^2 /NDF: 12.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.995 $\pm$ 0.033 χ^2 /NDF: 195.2/4

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

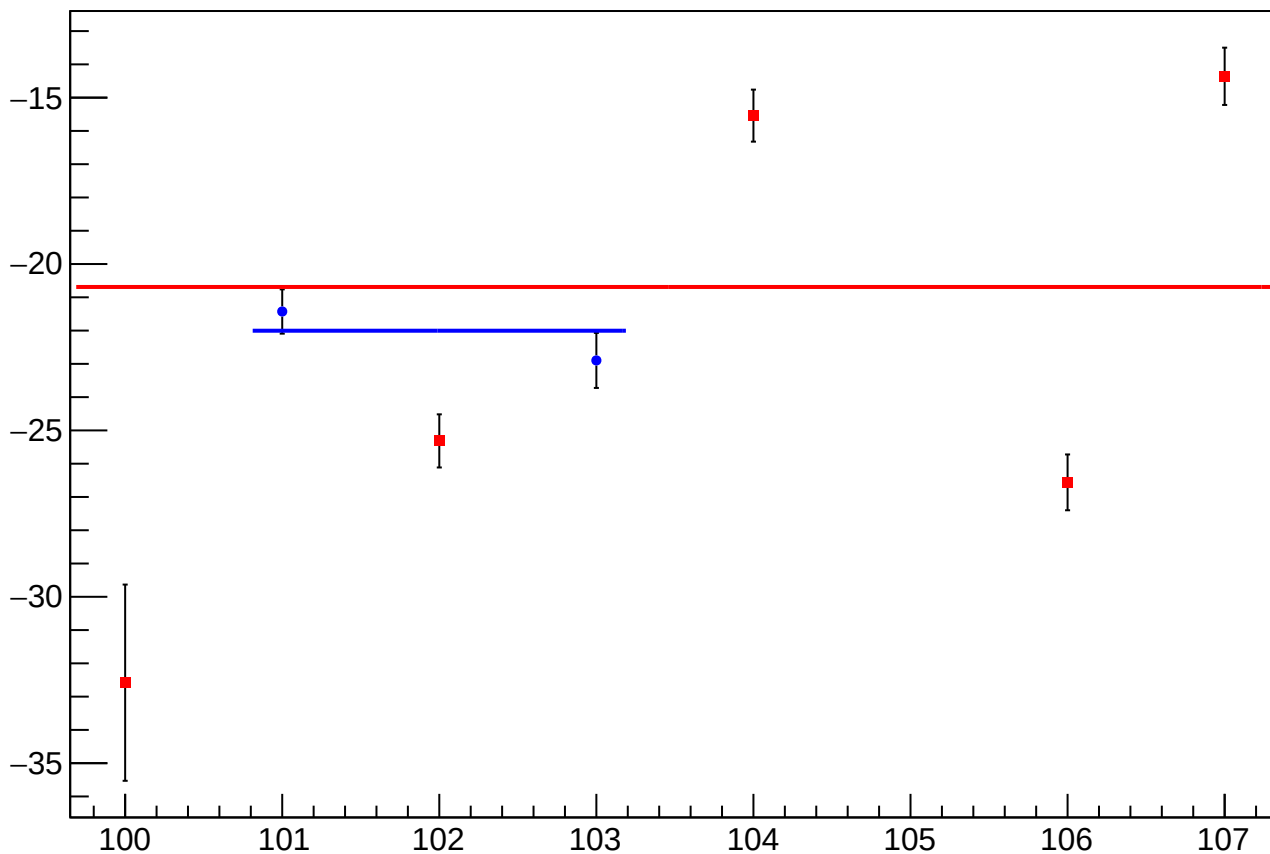
Right: -0.962 $\pm$ 0.026 χ^2 /NDF: 210.3/6

In: -0.914 $\pm$ 0.040 χ^2 /NDF:12.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.962 $\pm$ 0.026 χ^2 /NDF: 210.3/6

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -22.004 $\pm$ 0.518 χ^2 /NDF: 1.9/1

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

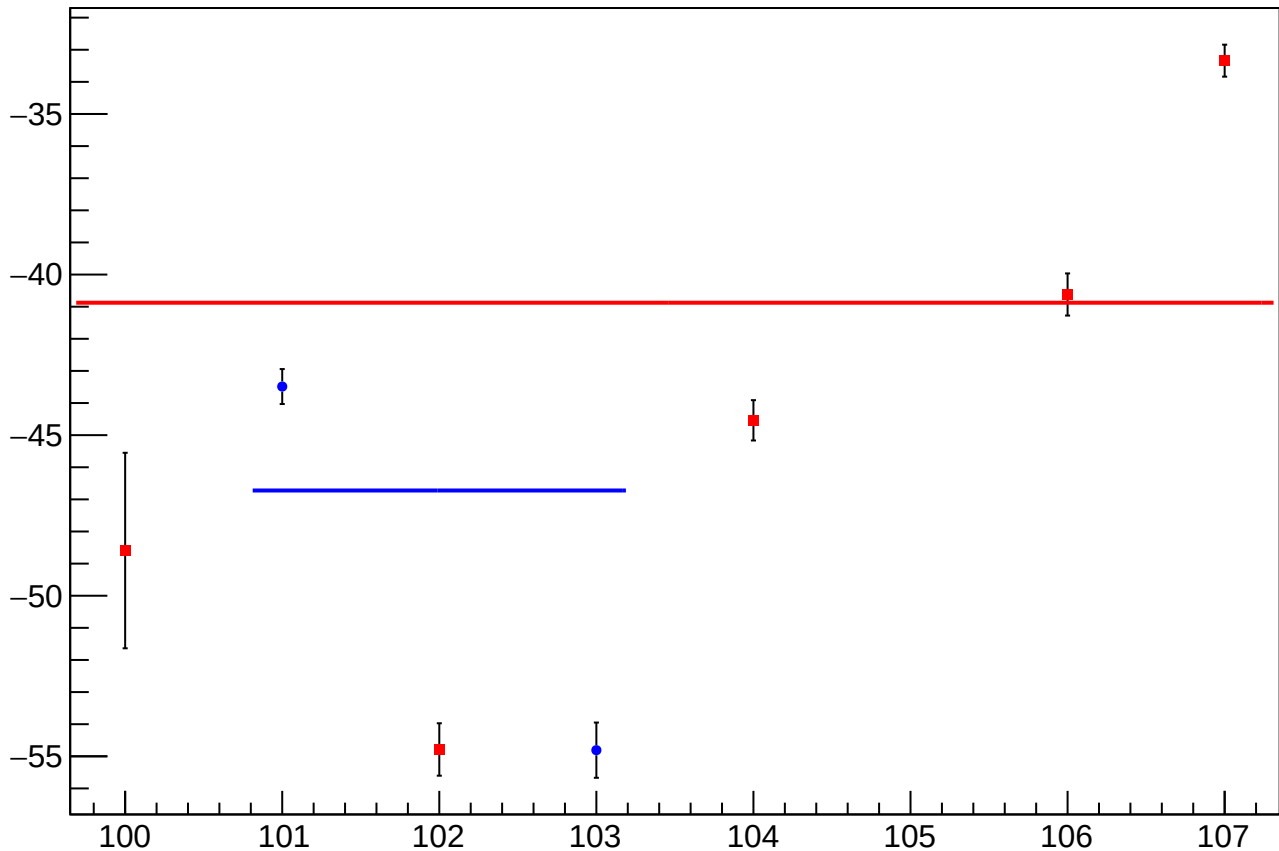
Right: -21.188 $\pm$ 0.319 χ^2 /NDF: 202.3/6

In: -22.004 $\pm$ 0.518 χ^2 /NDF:1.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -21.188 $\pm$ 0.319 χ^2 /NDF: 202.3/6

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.723+/-0.460 χ^2/NDF : 123.7/1

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

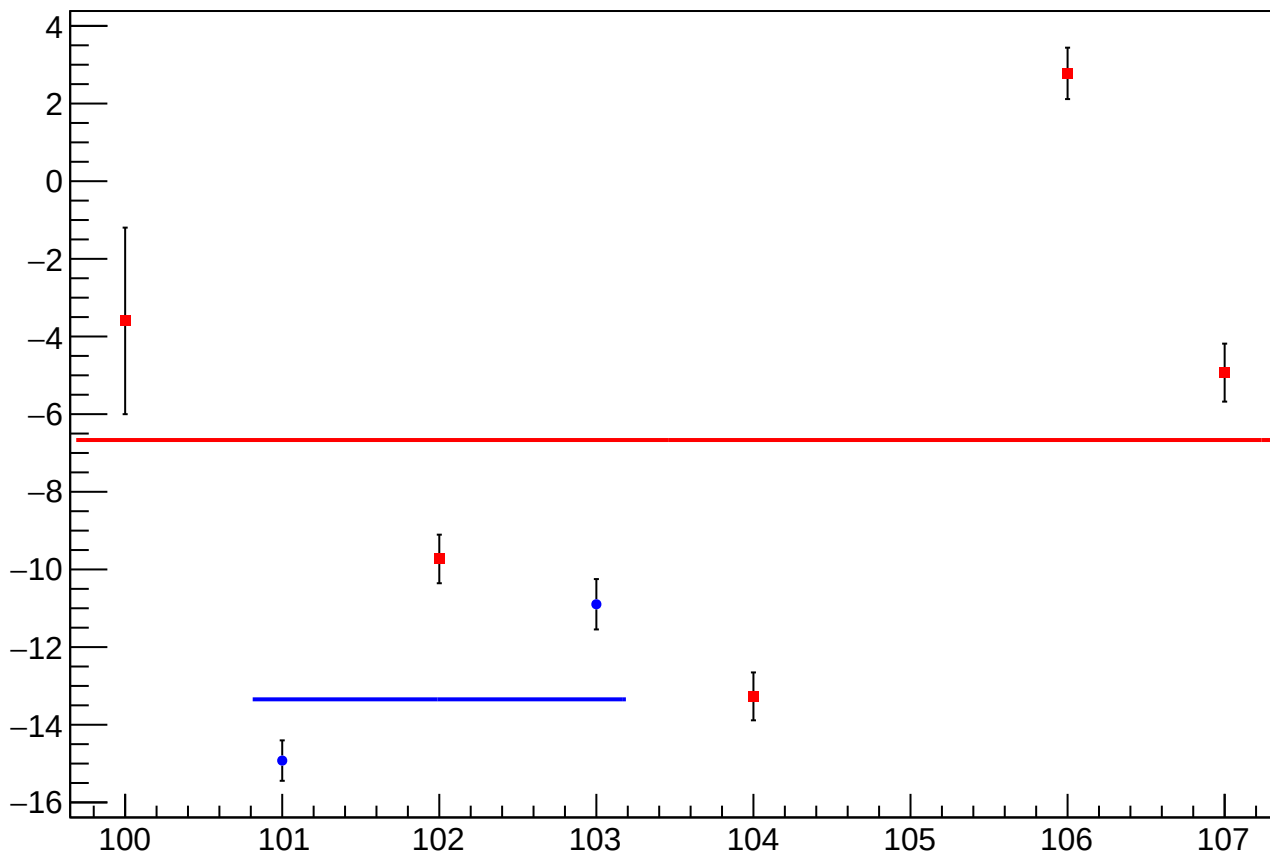
Right: -42.692+/-0.256 χ^2/NDF : 795.3/6

In: -46.723+/-0.460 χ^2/NDF : 123.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.692+/-0.256 χ^2/NDF : 795.3/6

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -13.346 $\pm$ 0.406 χ^2 /NDF: 23.4/1

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

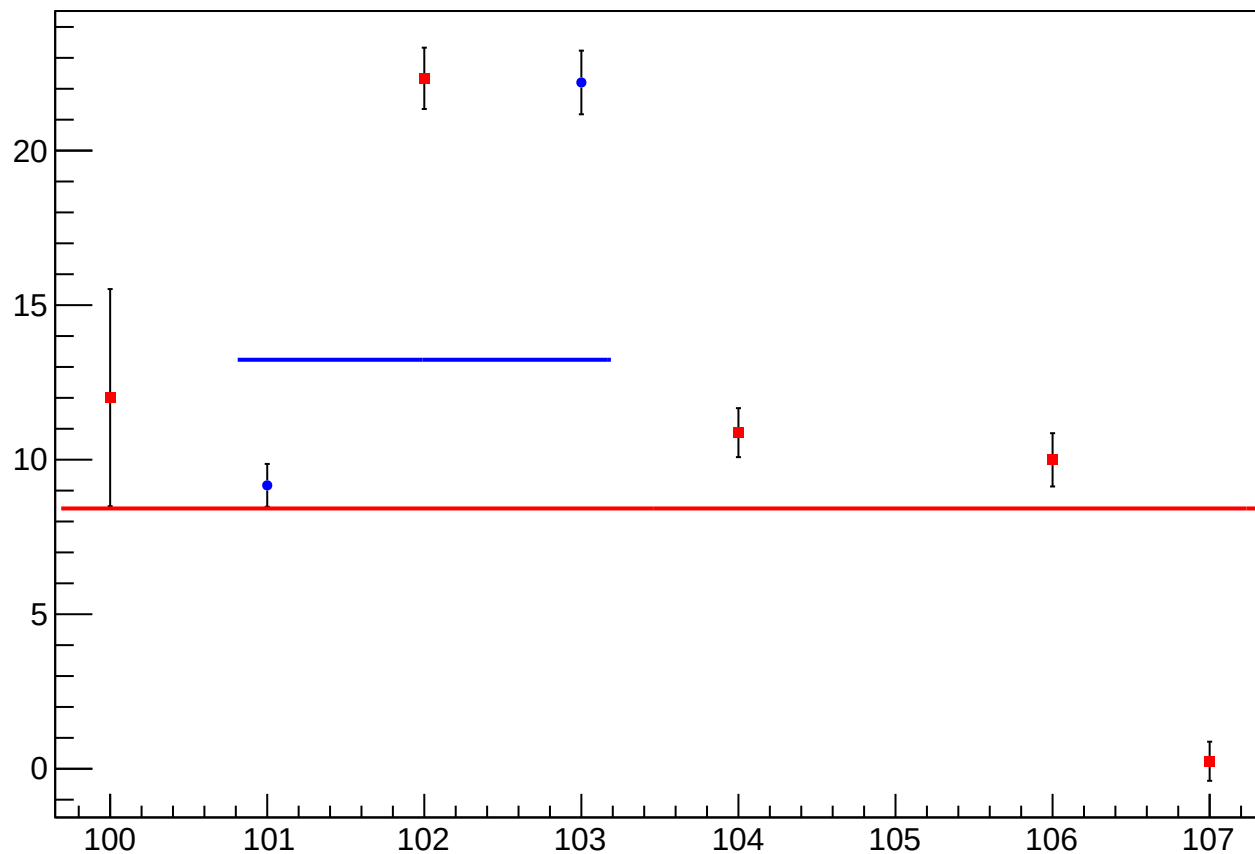
Right: -9.280 $\pm$ 0.254 χ^2 /NDF: 537.3/6

In: -13.346 $\pm$ 0.406 χ^2 /NDF: 23.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -9.280 $\pm$ 0.254 χ^2 /NDF: 537.3/6

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.233+/-0.575 χ^2 /NDF: 110.3/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 8.422+/-0.391 χ^2 /NDF: 378.0/4

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

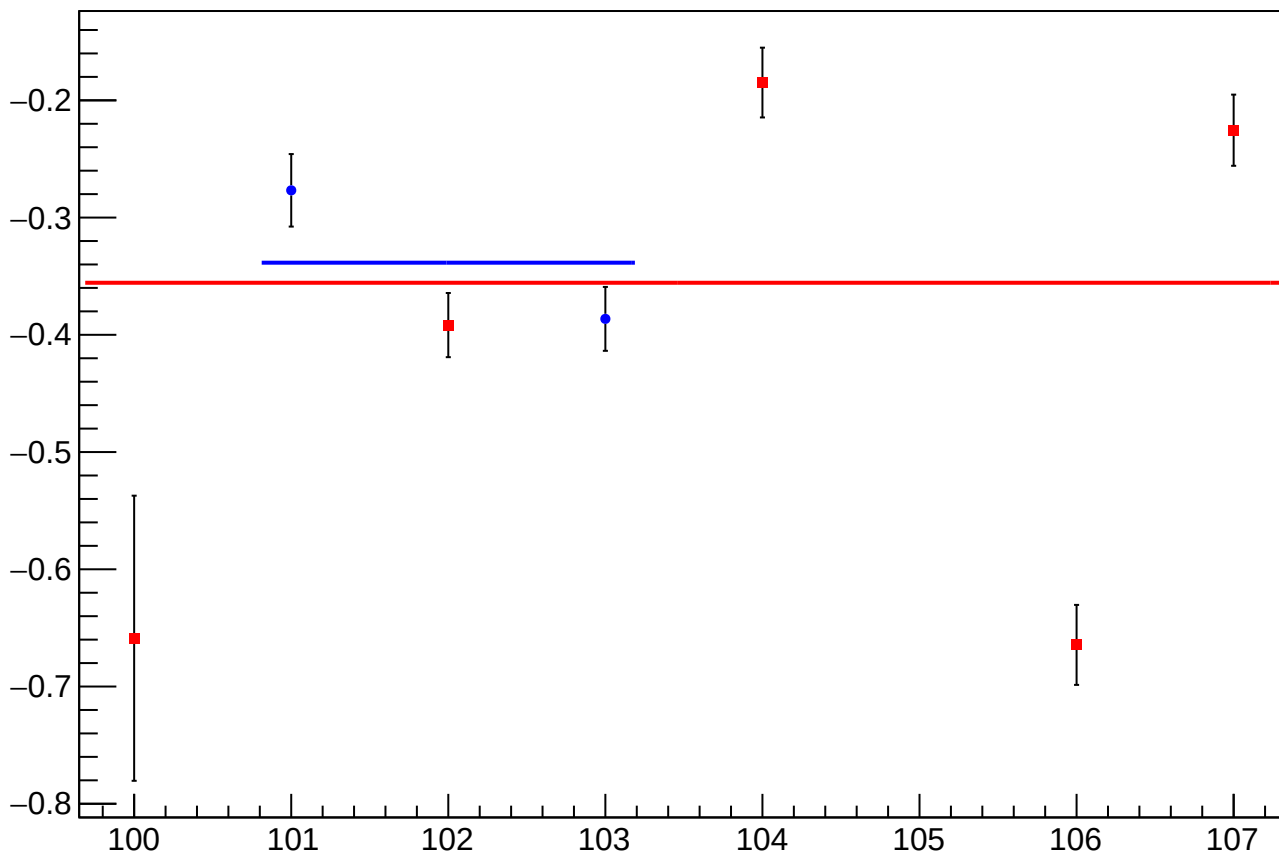
Right: 9.944+/-0.323 χ^2 /NDF: 536.2/6

In: 13.233+/-0.575 χ^2 /NDF: 110.3/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 9.944+/-0.323 χ^2 /NDF: 536.2/6

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.338 $\pm$ 0.020 χ^2 /NDF: 7.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.356 $\pm$ 0.015 χ^2 /NDF: 141.2/4

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

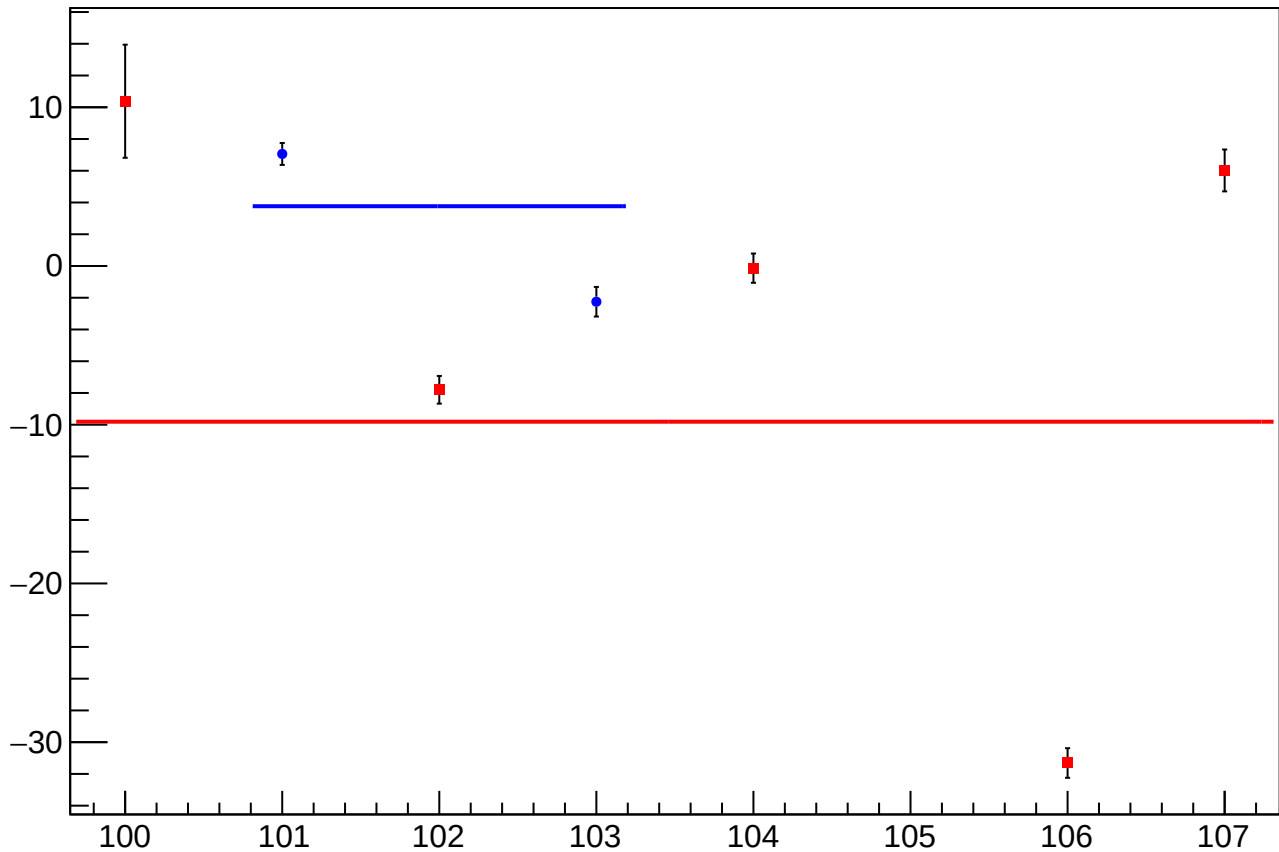
Right: -0.350 $\pm$ 0.012 χ^2 /NDF: 148.8/6

In: -0.338 $\pm$ 0.020 χ^2 /NDF:7.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.350 $\pm$ 0.012 χ^2 /NDF: 148.8/6

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 3.766+/-0.555 χ^2/NDF : 64.2/1

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

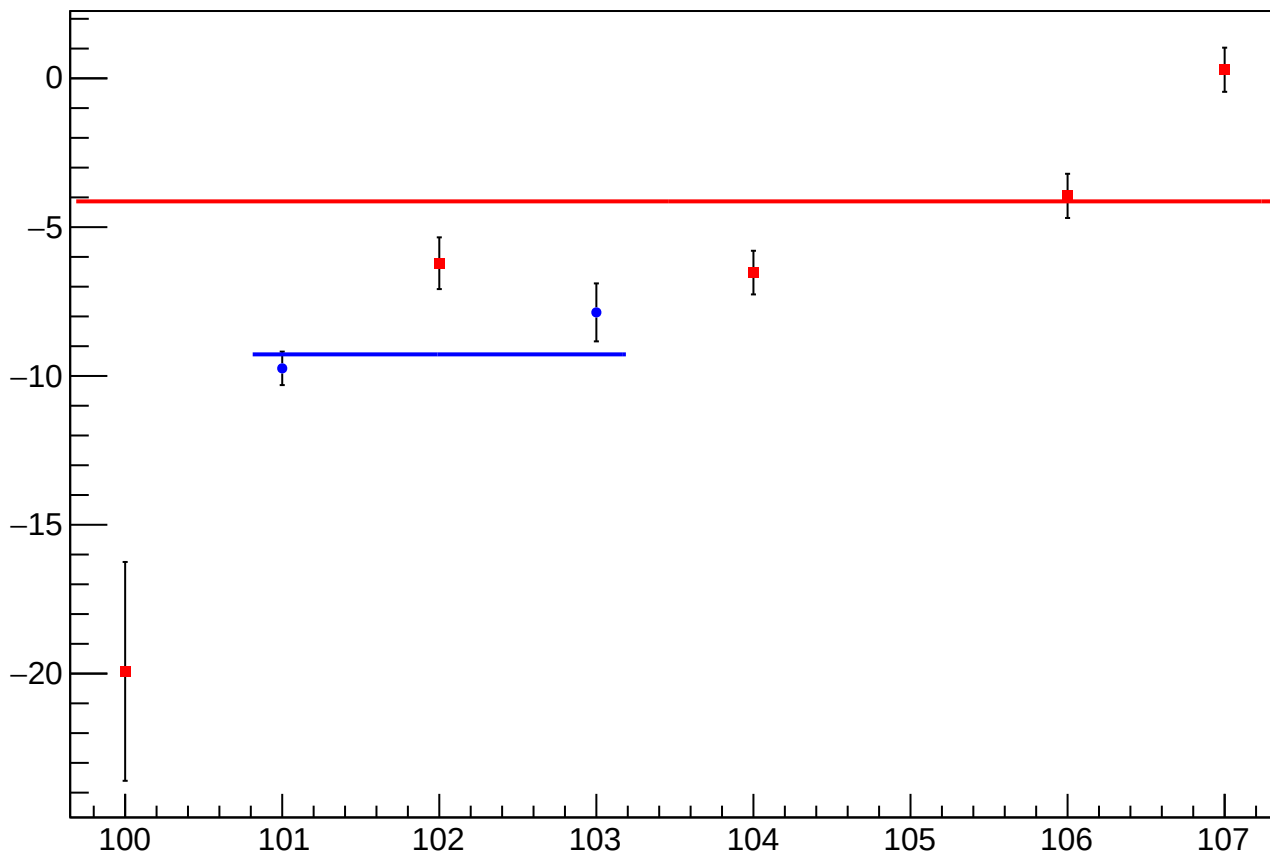
Right: -3.971+/-0.364 χ^2/NDF : 1228.0/6

In: 3.766+/-0.555 χ^2/NDF : 64.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.971+/-0.364 χ^2/NDF : 1228.0/6

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -9.275+/-0.487 χ^2/NDF : 2.8/1

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

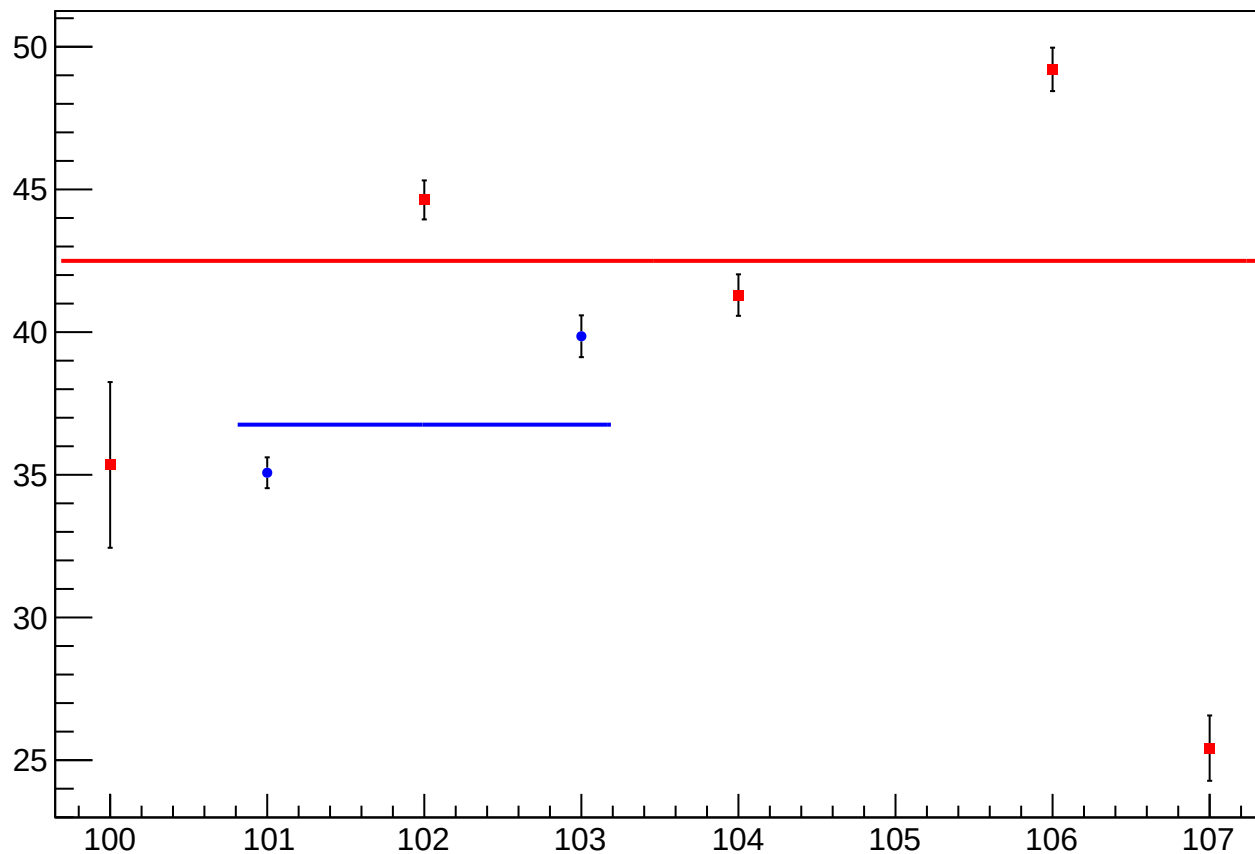
Right: -6.087+/-0.300 χ^2/NDF : 142.4/6

In: -9.275+/-0.487 χ^2/NDF : 2.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.087+/-0.300 χ^2/NDF : 142.4/6

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 36.757 $\pm$ 0.435 χ^2 /NDF: 27.6/1

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

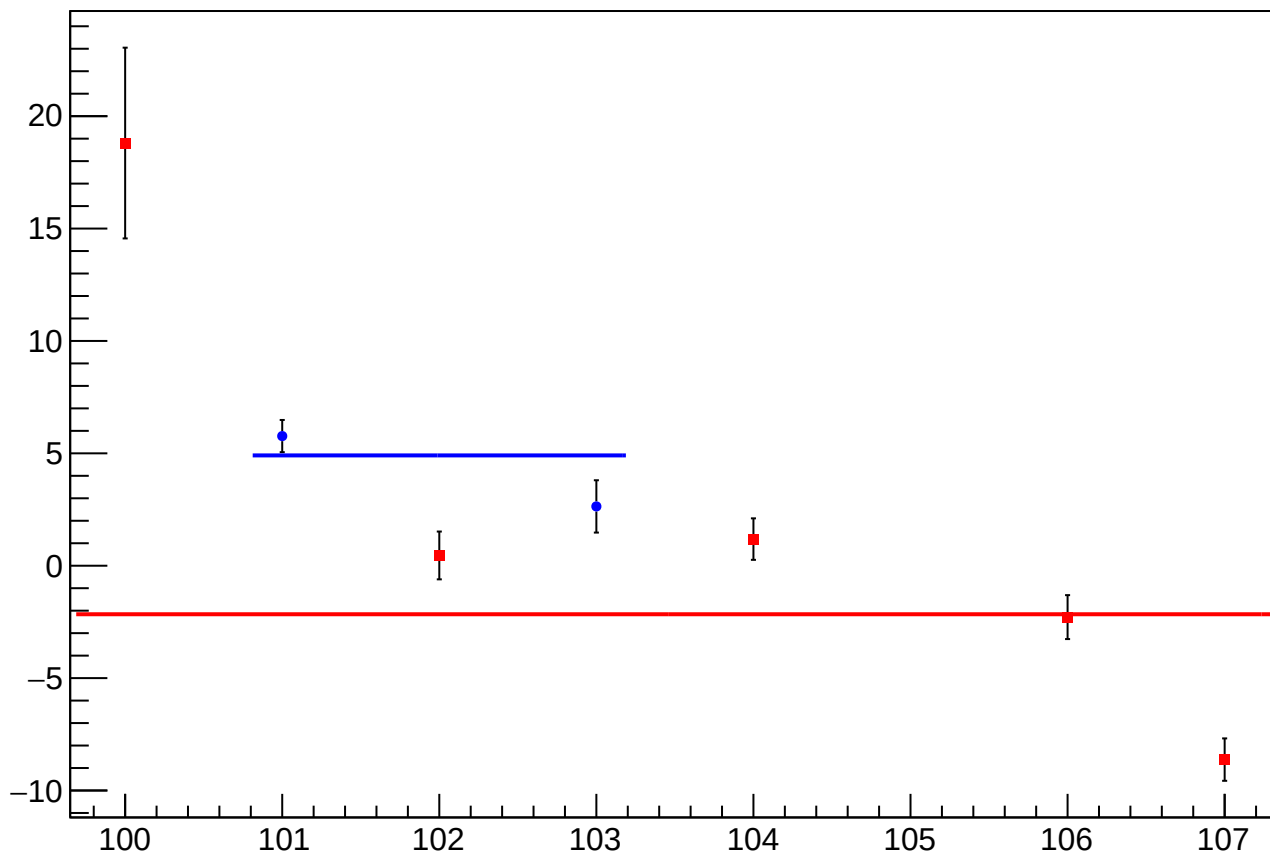
Right: 39.953 $\pm$ 0.290 χ^2 /NDF: 443.3/6

In: 36.757 $\pm$ 0.435 χ^2 /NDF: 27.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.953 $\pm$ 0.290 χ^2 /NDF: 443.3/6

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.908 $\pm$ 0.610 χ^2 /NDF: 5.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.159 $\pm$ 0.483 χ^2 /NDF: 90.6/4

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

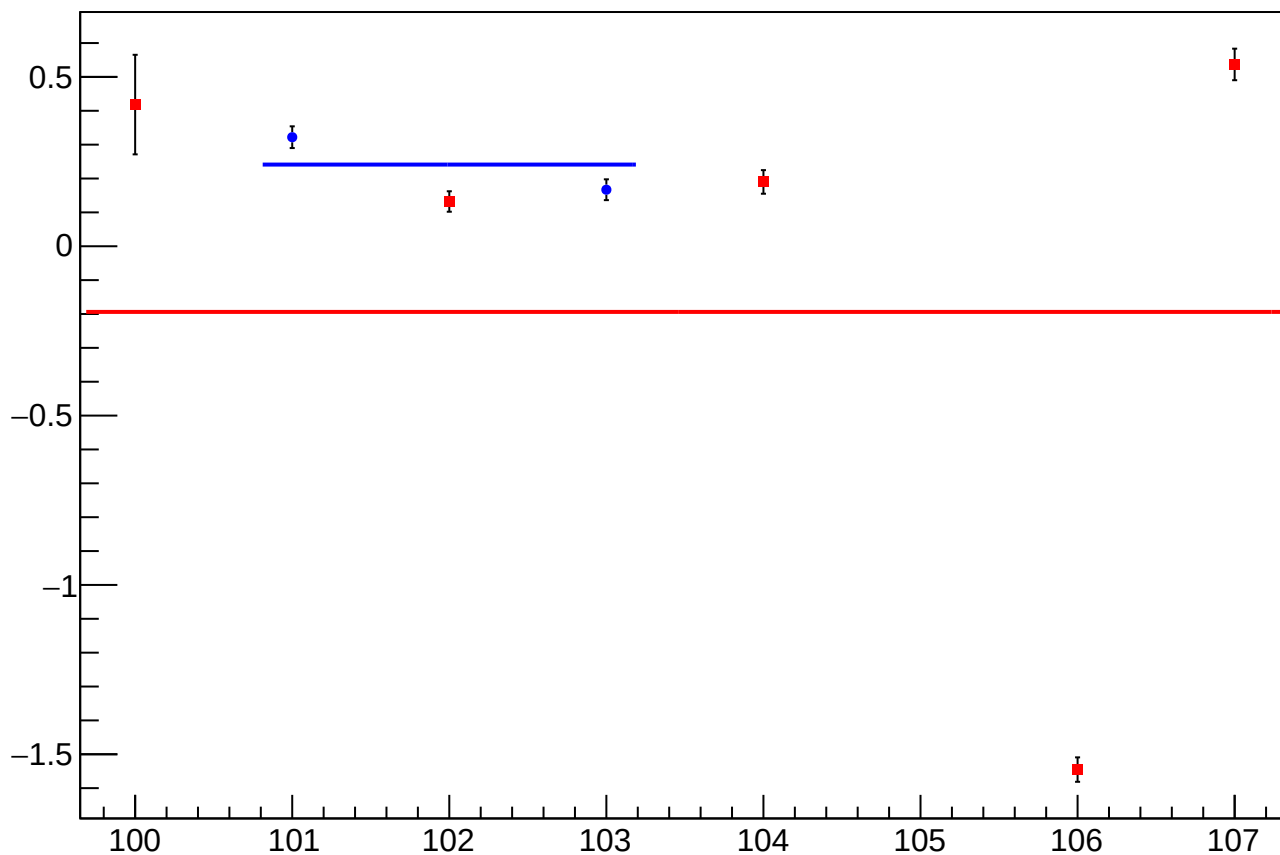
Right: 0.563 $\pm$ 0.379 χ^2 /NDF: 178.3/6

In: 4.908 $\pm$ 0.610 χ^2 /NDF:5.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.563 $\pm$ 0.379 χ^2 /NDF: 178.3/6

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.241+/-0.022 χ^2/NDF : 12.2/1

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

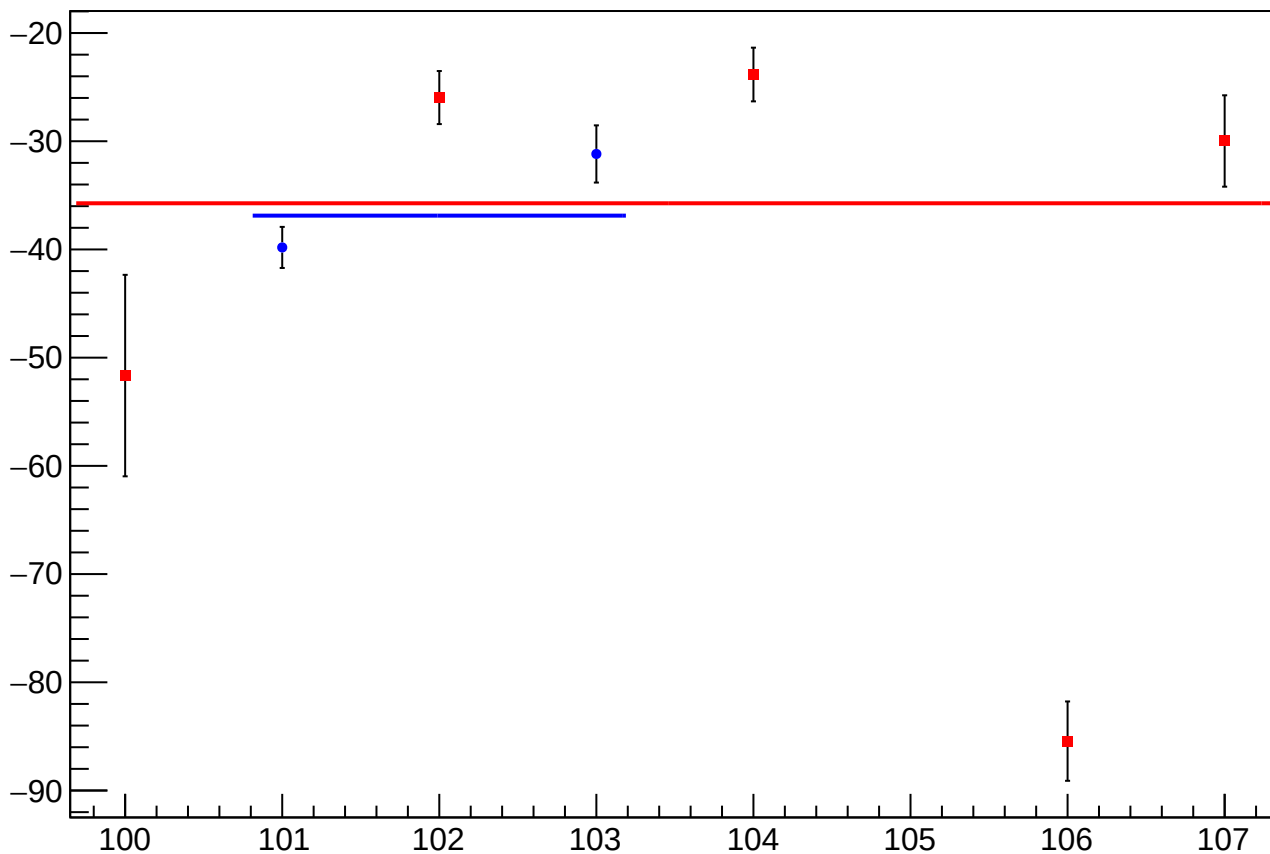
Right: -0.025+/-0.014 χ^2/NDF : 2152.3/6

In: 0.241+/-0.022 χ^2/NDF : 12.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.025+/-0.014 χ^2/NDF : 2152.3/6

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -36.875 $\pm$ 1.542 χ^2 /NDF: 7.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -35.734 $\pm$ 1.457 χ^2 /NDF: 227.5/4

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

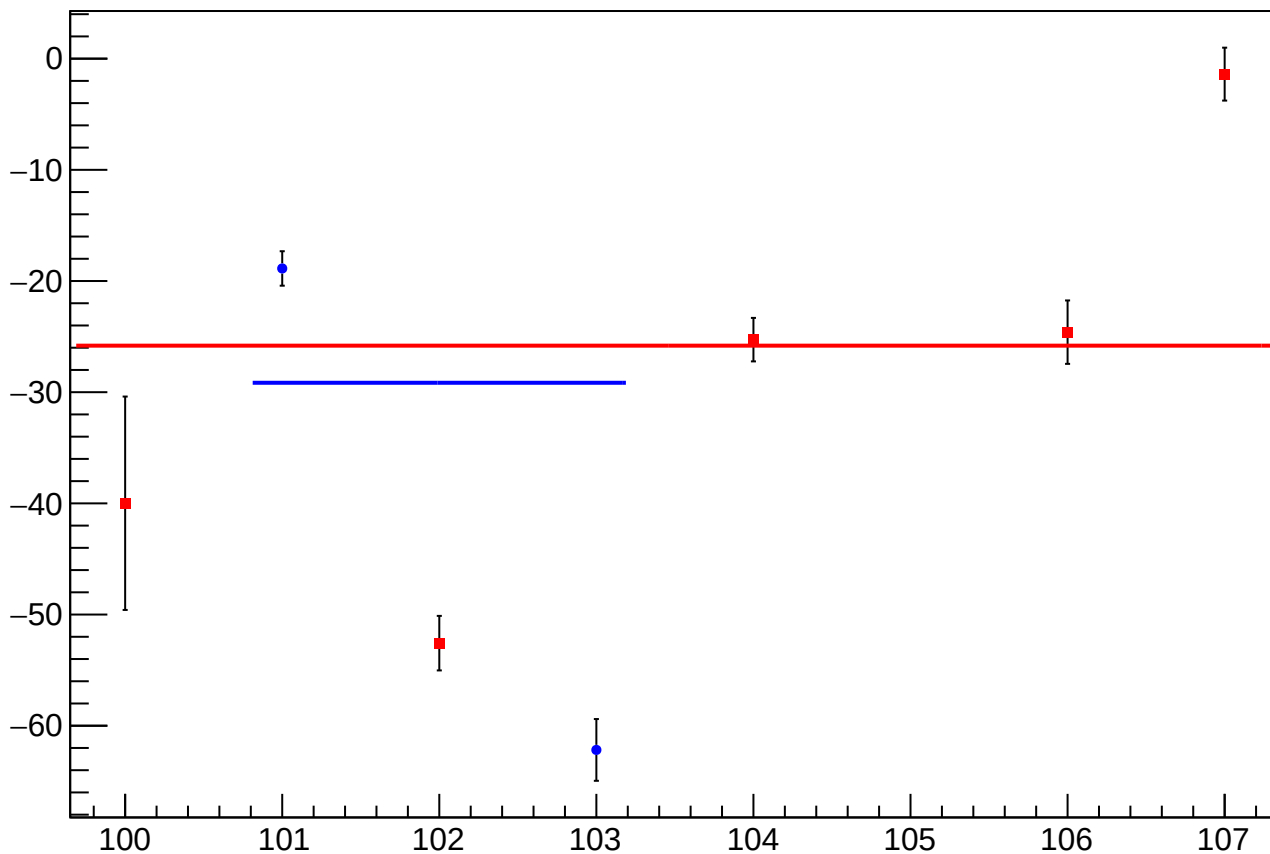
Right: -36.272 $\pm$ 1.059 χ^2 /NDF: 234.8/6

In: -36.875 $\pm$ 1.542 χ^2 /NDF:7.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -36.272 $\pm$ 1.059 χ^2 /NDF: 234.8/6

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -29.152+/-1.353 χ^2/NDF : 185.4/1

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

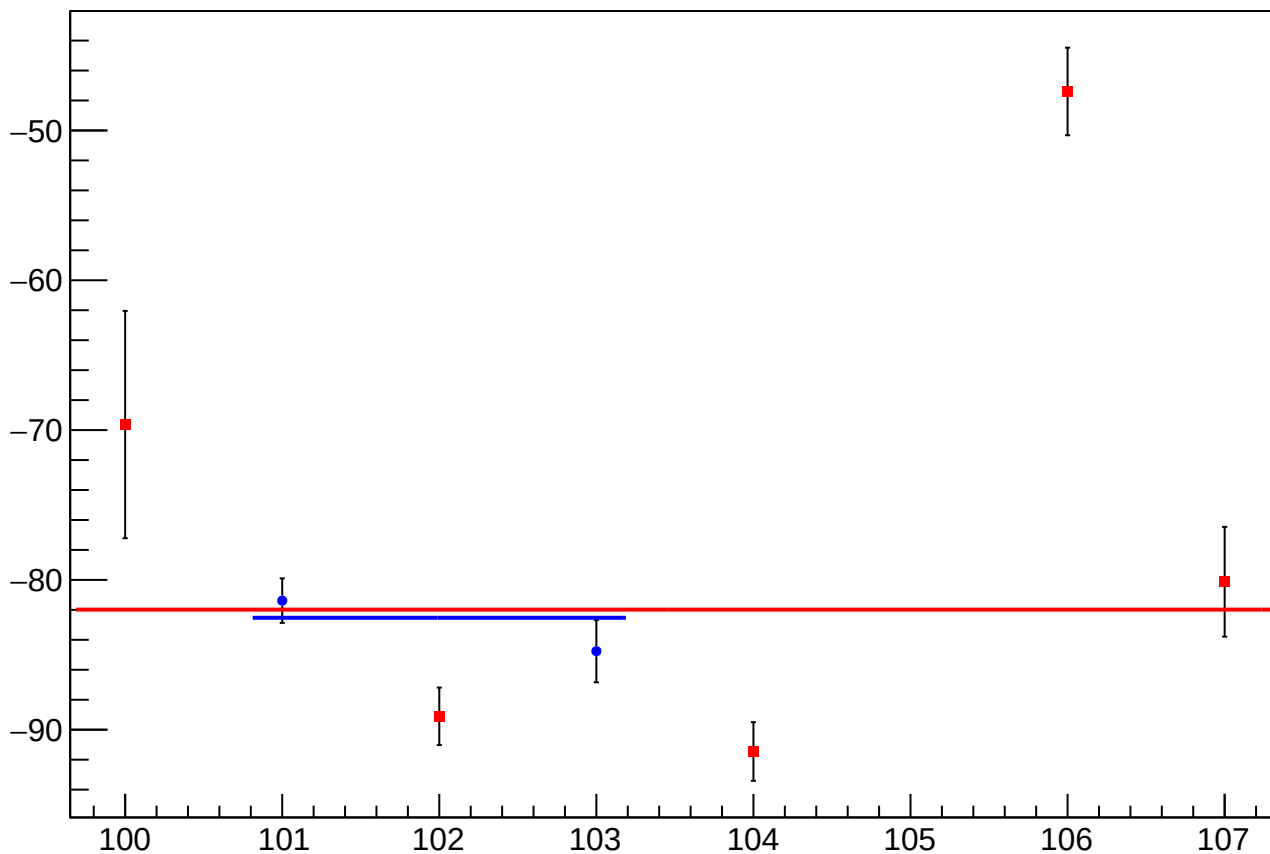
Right: -27.234+/-0.883 χ^2/NDF : 415.7/6

In: -29.152+/-1.353 χ^2/NDF : 185.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.234+/-0.883 χ^2/NDF : 415.7/6

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -82.528 $\pm$ 1.208 χ^2 /NDF: 1.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -81.984 $\pm$ 1.161 χ^2 /NDF: 180.2/4

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

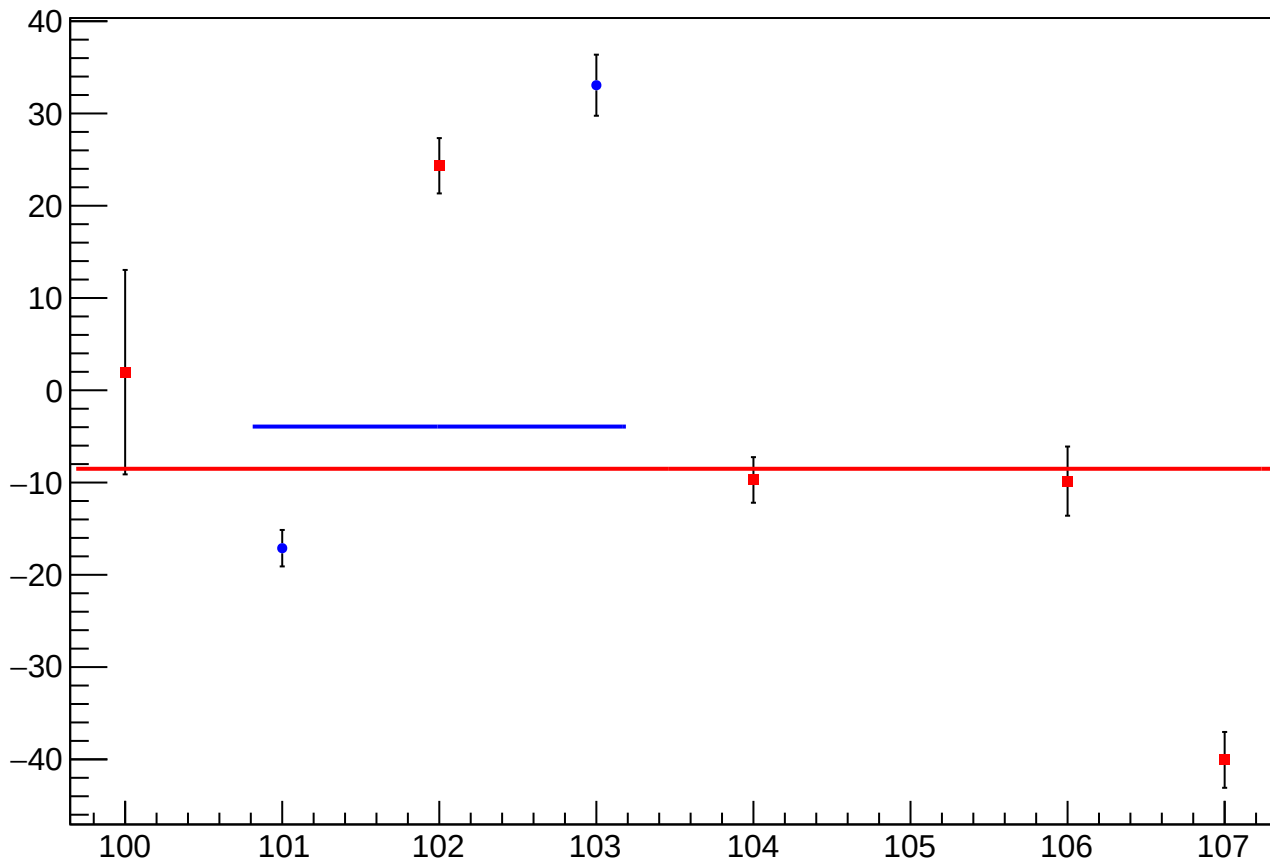
Right: -82.245 $\pm$ 0.837 χ^2 /NDF: 182.0/6

In: -82.528 $\pm$ 1.208 χ^2 /NDF: 1.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -82.245 $\pm$ 0.837 χ^2 /NDF: 182.0/6

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -3.933 ± 1.697 $\chi^2/\text{NDF}: 169.4/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -8.508 ± 1.469 $\chi^2/\text{NDF}: 230.0/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

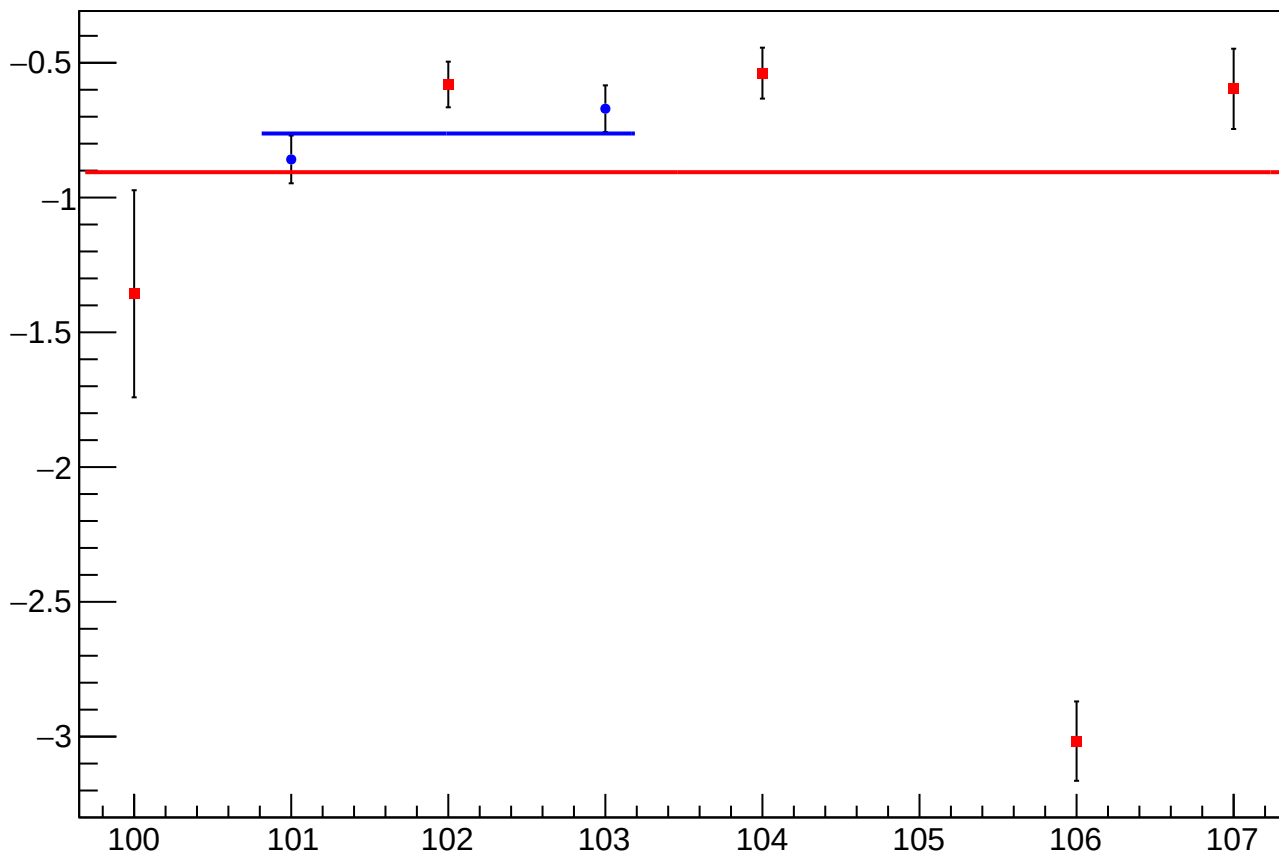
Right: -6.548 ± 1.110 $\chi^2/\text{NDF}: 403.5/6$

In: -3.933 ± 1.697 $\chi^2/\text{NDF}: 169.4/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -6.548 ± 1.110 $\chi^2/\text{NDF}: 403.5/6$

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.762 $\pm$ 0.062 χ^2 /NDF: 2.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.906 $\pm$ 0.054 χ^2 /NDF: 241.1/4

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

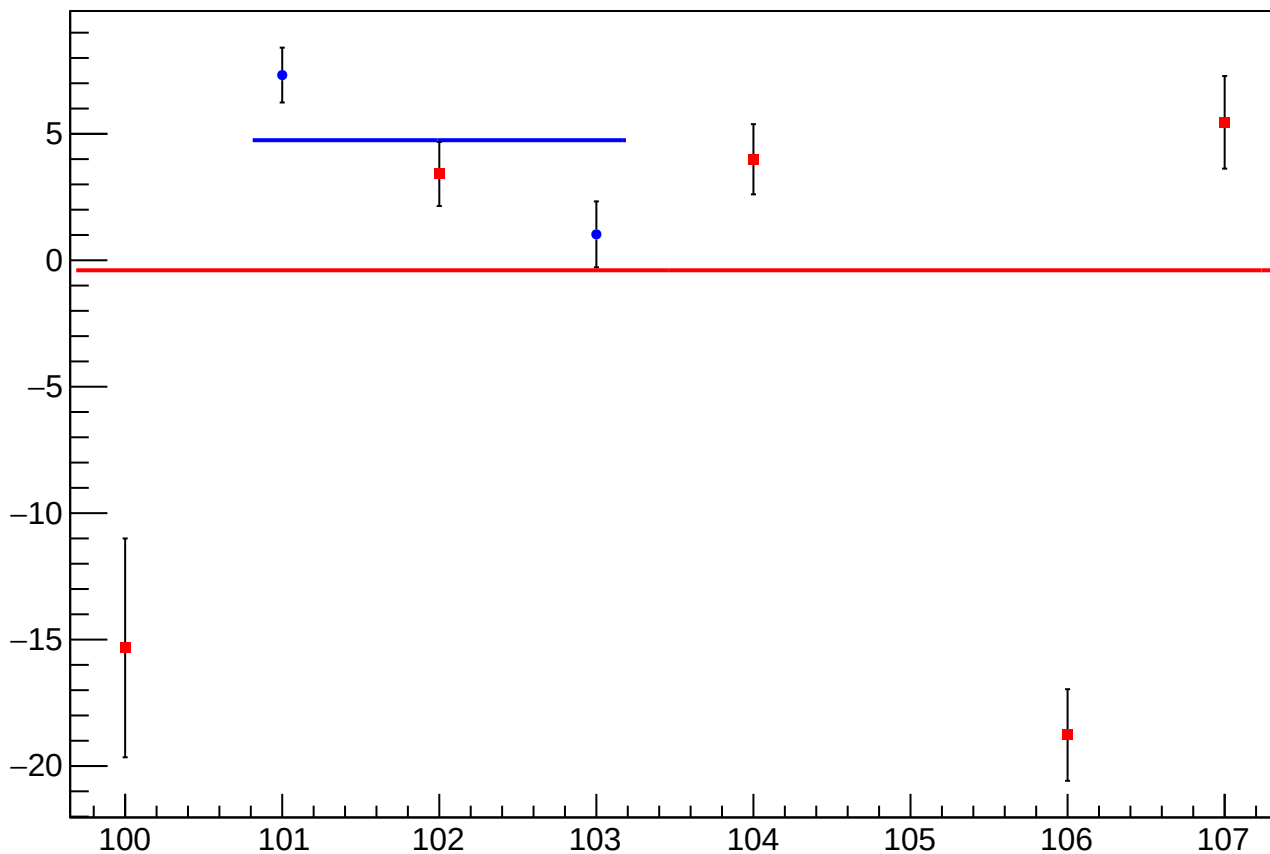
Right: -0.845 $\pm$ 0.040 χ^2 /NDF: 246.5/6

In: -0.762 $\pm$ 0.062 χ^2 /NDF: 2.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.845 $\pm$ 0.040 χ^2 /NDF: 246.5/6

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 4.748+/-0.834 χ^2/NDF : 13.8/1

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

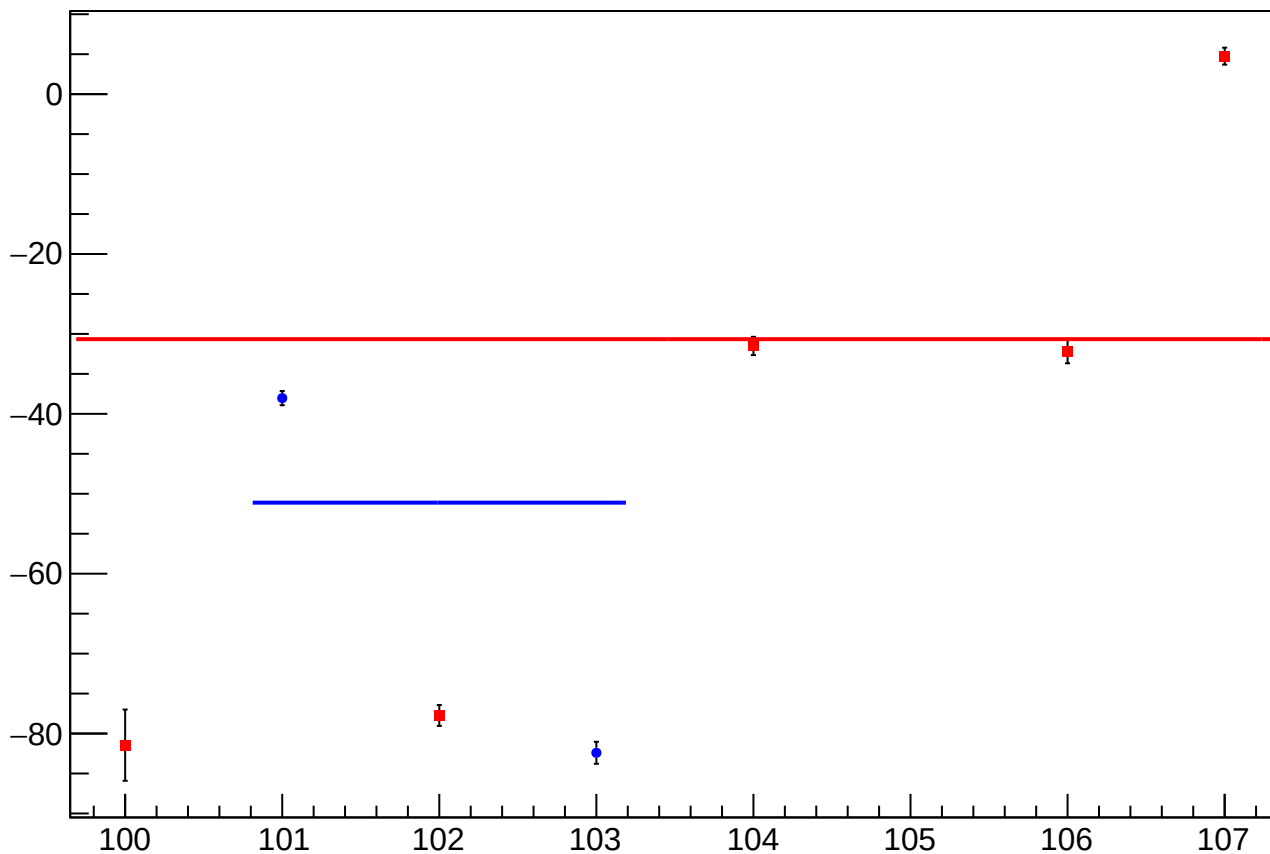
Right: 1.890+/-0.556 χ^2/NDF : 179.1/6

In: 4.748+/-0.834 χ^2/NDF : 13.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.890+/-0.556 χ^2/NDF : 179.1/6

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -51.111+/-0.747 χ^2/NDF : 733.7/1

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

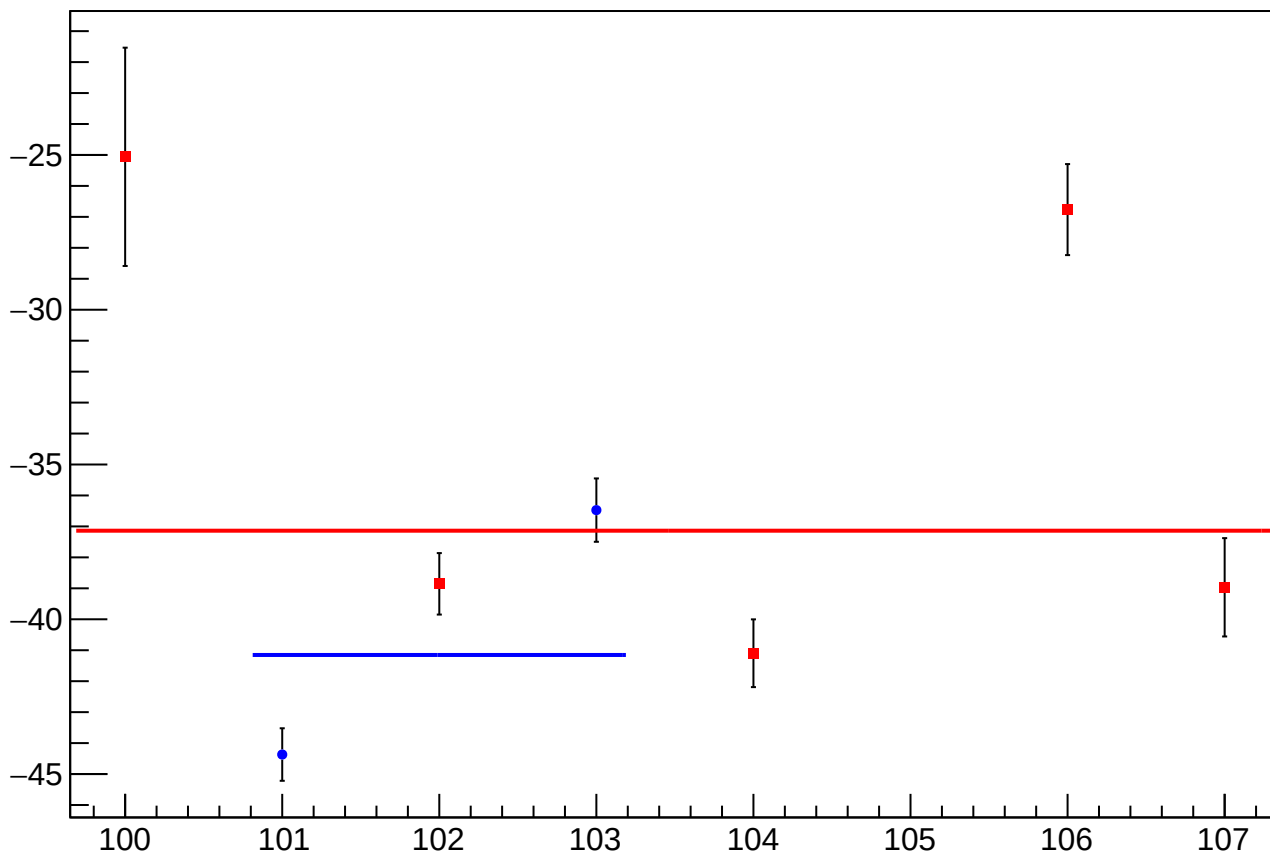
Right: -38.724+/-0.469 χ^2/NDF : 3725.0/6

In: -51.111+/-0.747 χ^2/NDF : 733.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.724+/-0.469 χ^2/NDF : 3725.0/6

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -41.153+/-0.653 χ^2/NDF : 35.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -37.138+/-0.599 χ^2/NDF : 78.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

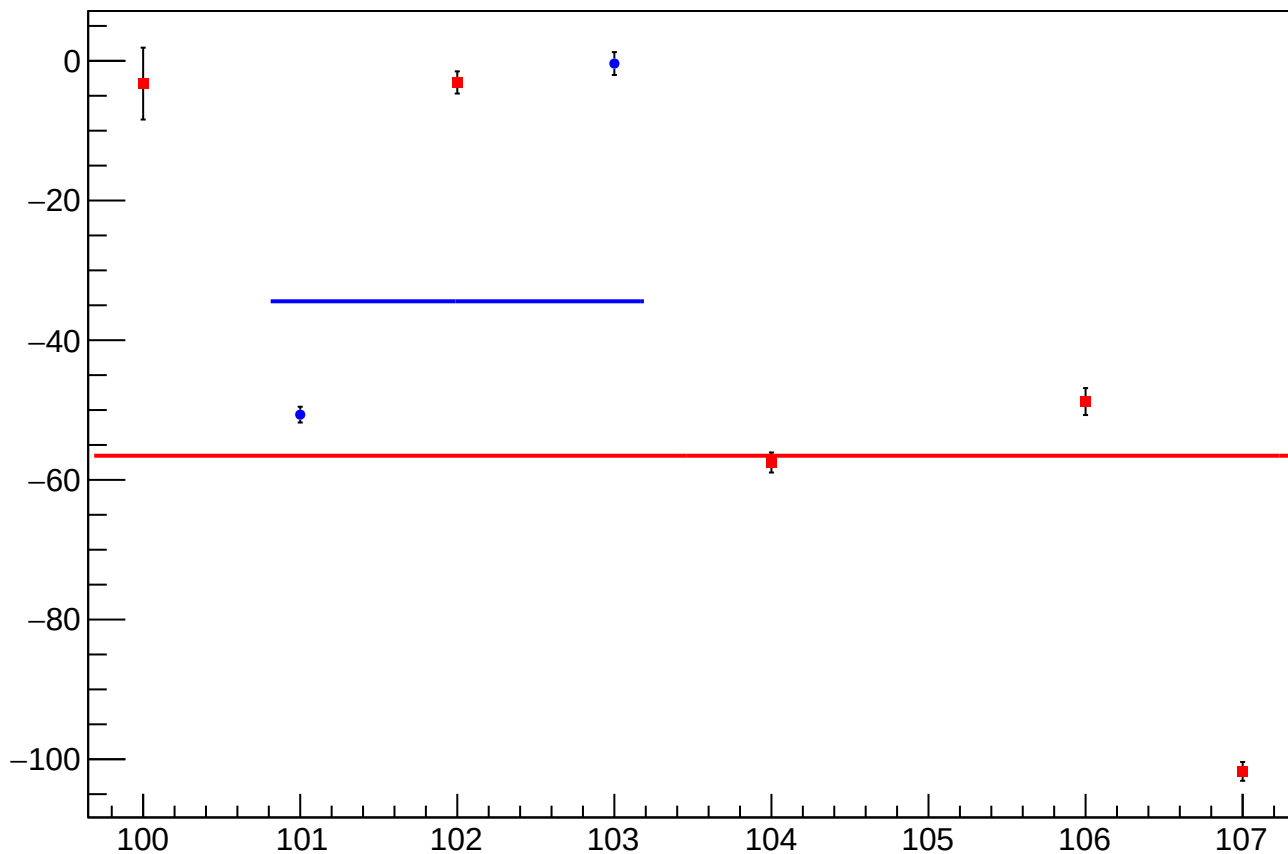
Right: -38.972+/-0.441 χ^2/NDF : 134.7/6

In: -41.153+/-0.653 χ^2/NDF : 35.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.972+/-0.441 χ^2/NDF : 134.7/6

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -34.430 ± 0.931 $\chi^2/\text{NDF}: 637.3/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -56.540 ± 0.758 $\chi^2/\text{NDF}: 2381.9/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

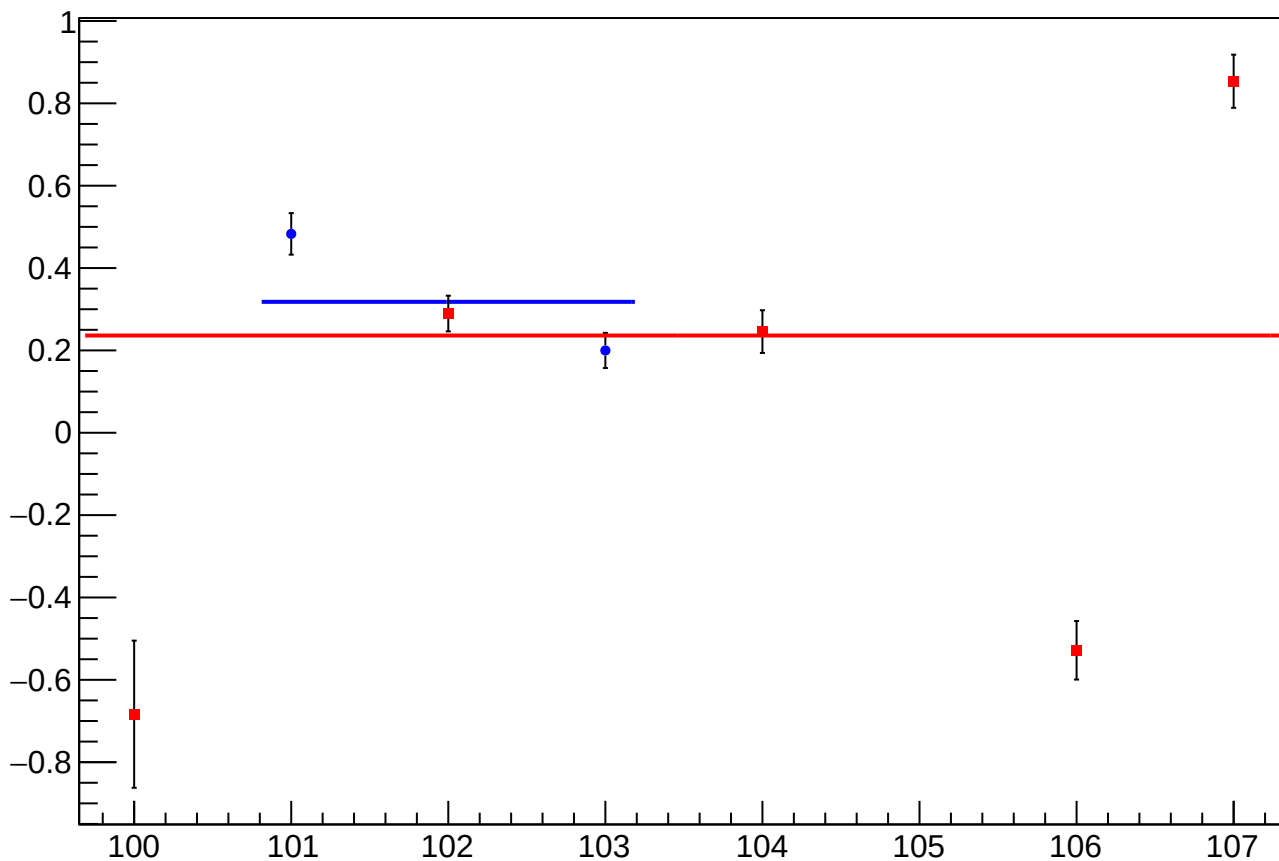
Right: -47.720 ± 0.588 $\chi^2/\text{NDF}: 3358.2/6$

In: -34.430 ± 0.931 $\chi^2/\text{NDF}: 637.3/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -47.720 ± 0.588 $\chi^2/\text{NDF}: 3358.2/6$

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.318+/-0.033 χ^2/NDF : 18.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.236+/-0.027 χ^2/NDF : 235.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

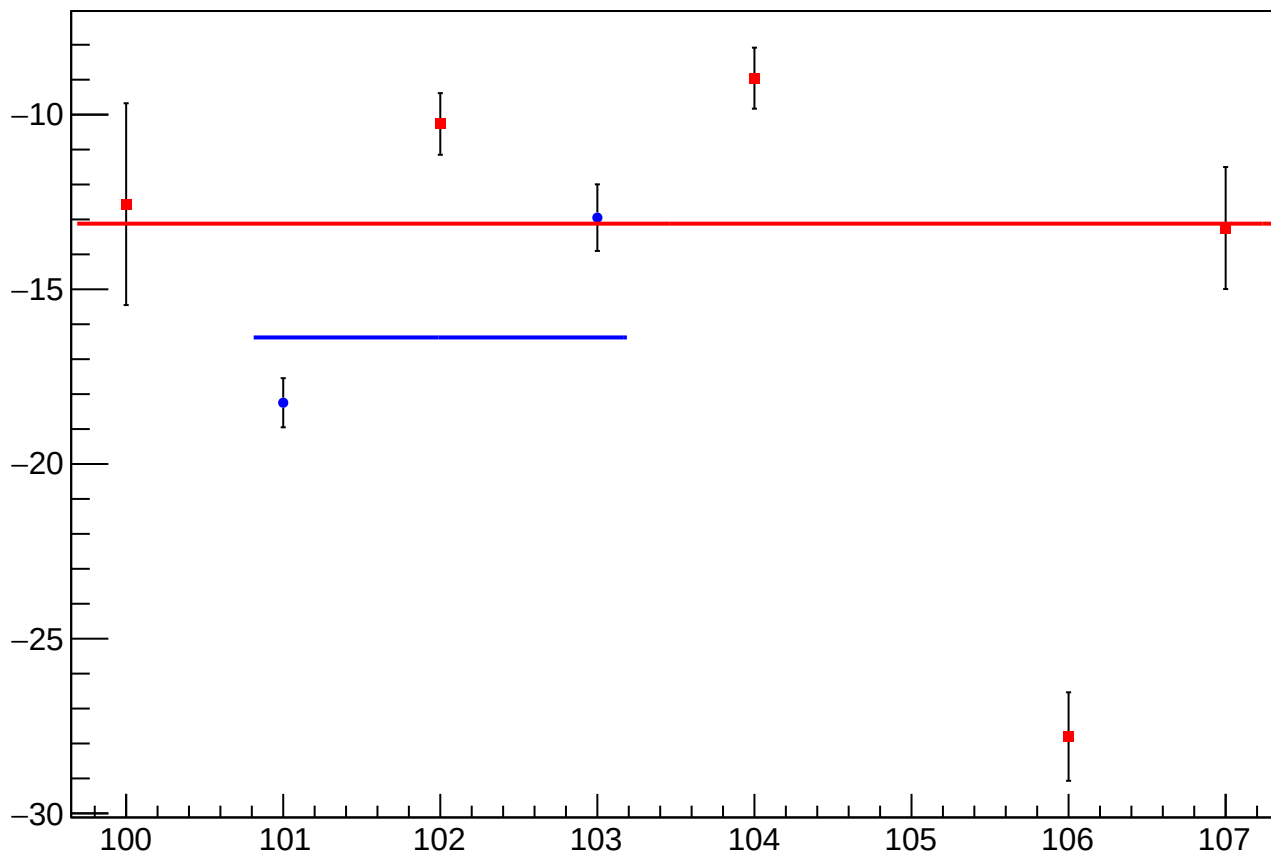
Right: 0.269+/-0.021 χ^2/NDF : 257.4/6

In: 0.318+/-0.033 χ^2/NDF : 18.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.269+/-0.021 χ^2/NDF : 257.4/6

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -16.378 $\pm$ 0.566 χ^2 /NDF: 20.0/1

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

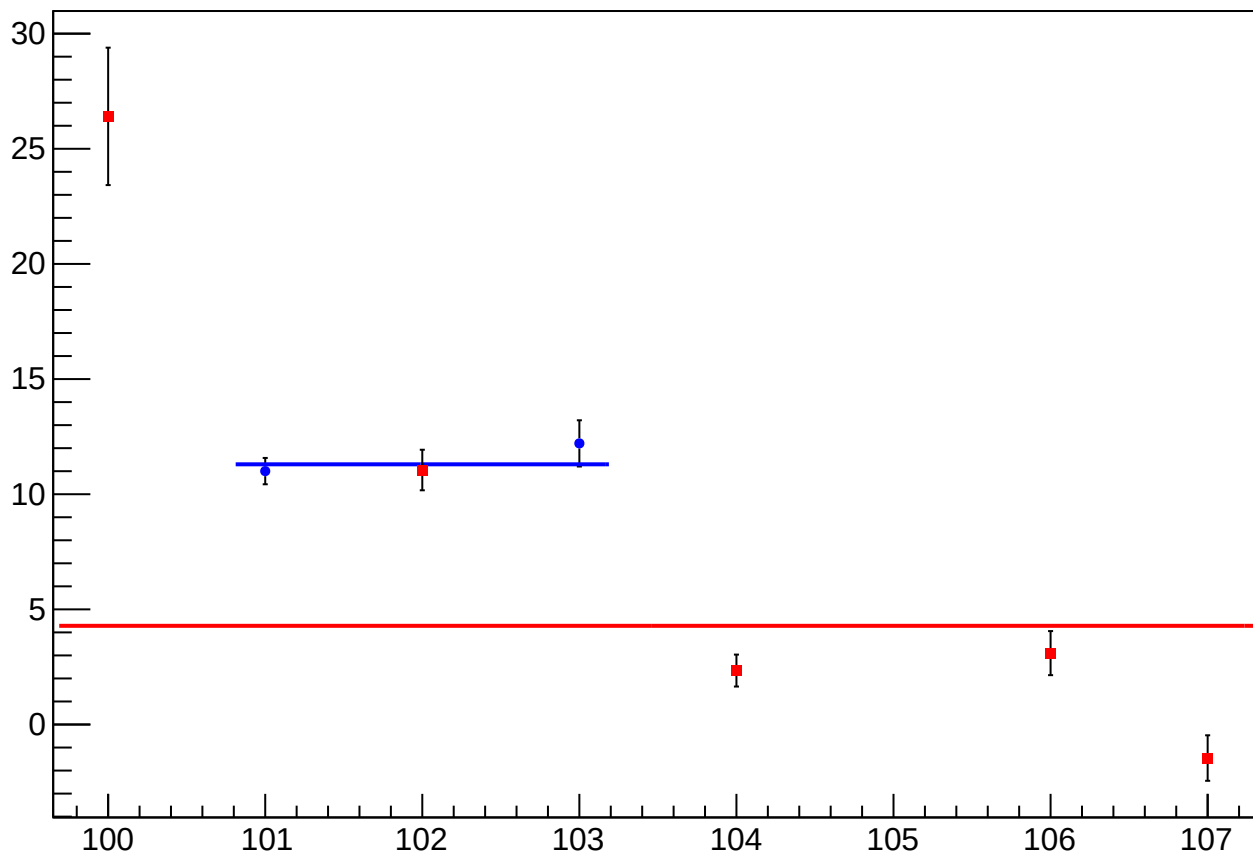
Right: -14.618 $\pm$ 0.384 χ^2 /NDF: 205.5/6

In: -16.378 $\pm$ 0.566 χ^2 /NDF: 20.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.618 $\pm$ 0.384 χ^2 /NDF: 205.5/6

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.299+/-0.497 χ^2/NDF : 1.1/1

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

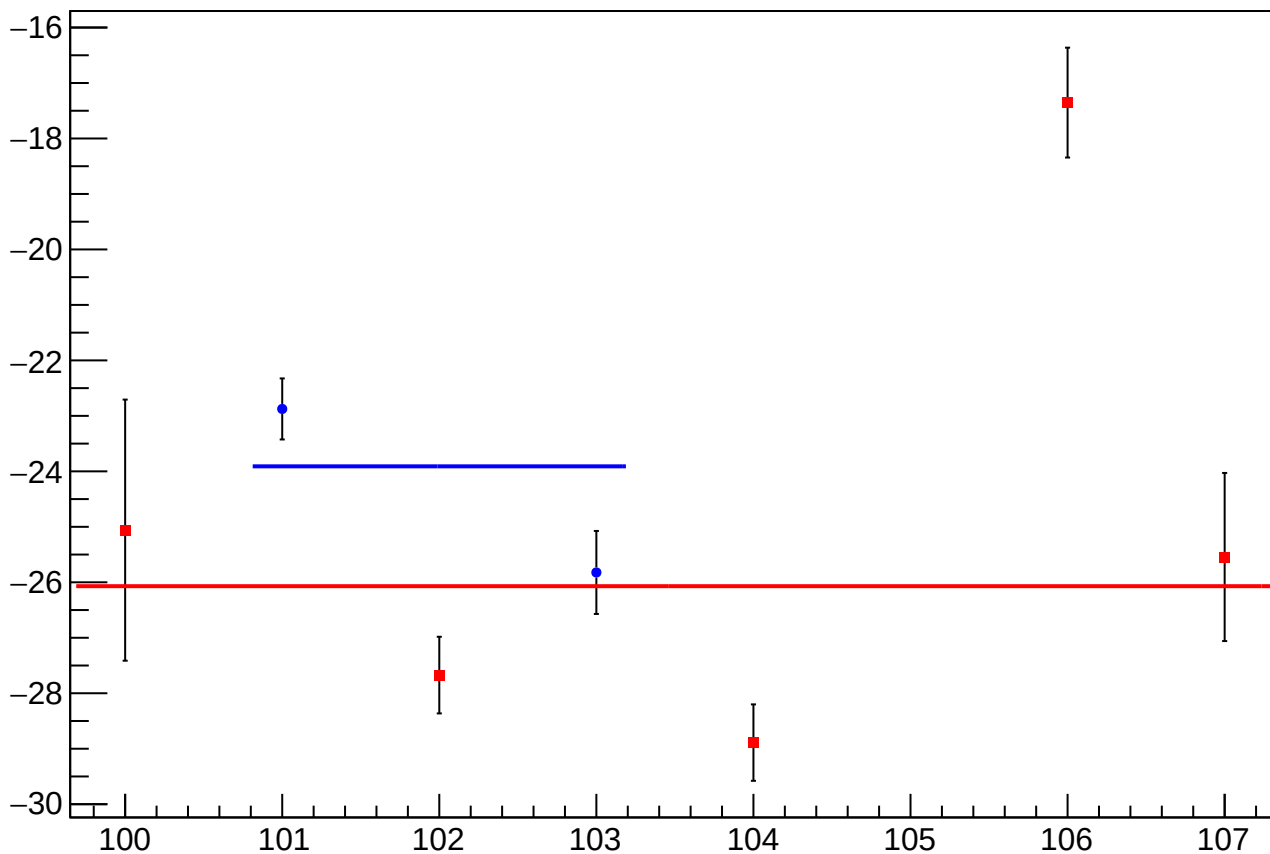
Right: 7.231+/-0.322 χ^2/NDF : 273.9/6

In: 11.299+/-0.497 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.231+/-0.322 χ^2/NDF : 273.9/6

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -23.910 $\pm$ 0.443 χ^2 /NDF: 10.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -26.070 $\pm$ 0.414 χ^2 /NDF: 99.9/4

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

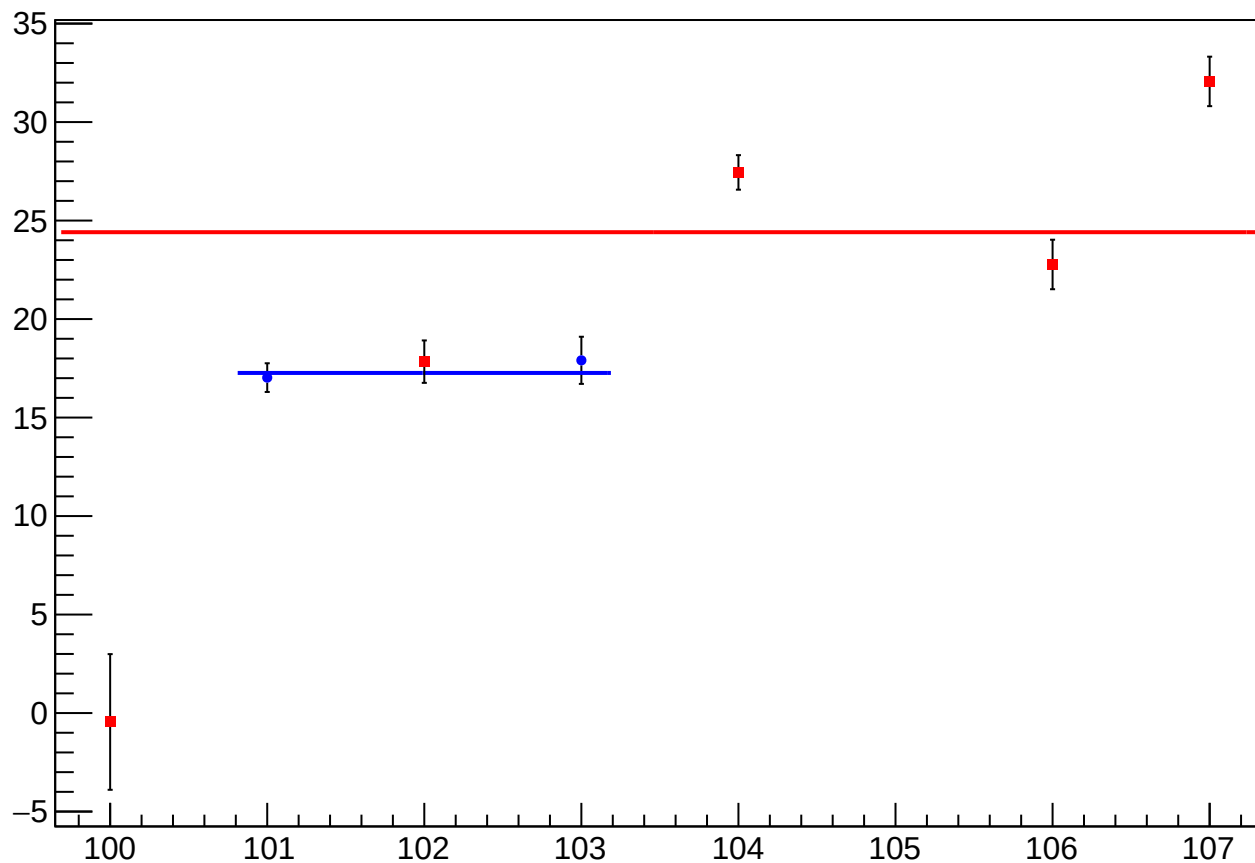
Right: -25.064 $\pm$ 0.302 χ^2 /NDF: 122.7/6

In: -23.910 $\pm$ 0.443 χ^2 /NDF:10.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -25.064 $\pm$ 0.302 χ^2 /NDF: 122.7/6

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 17.265+/-0.622 χ^2/NDF : 0.4/1

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

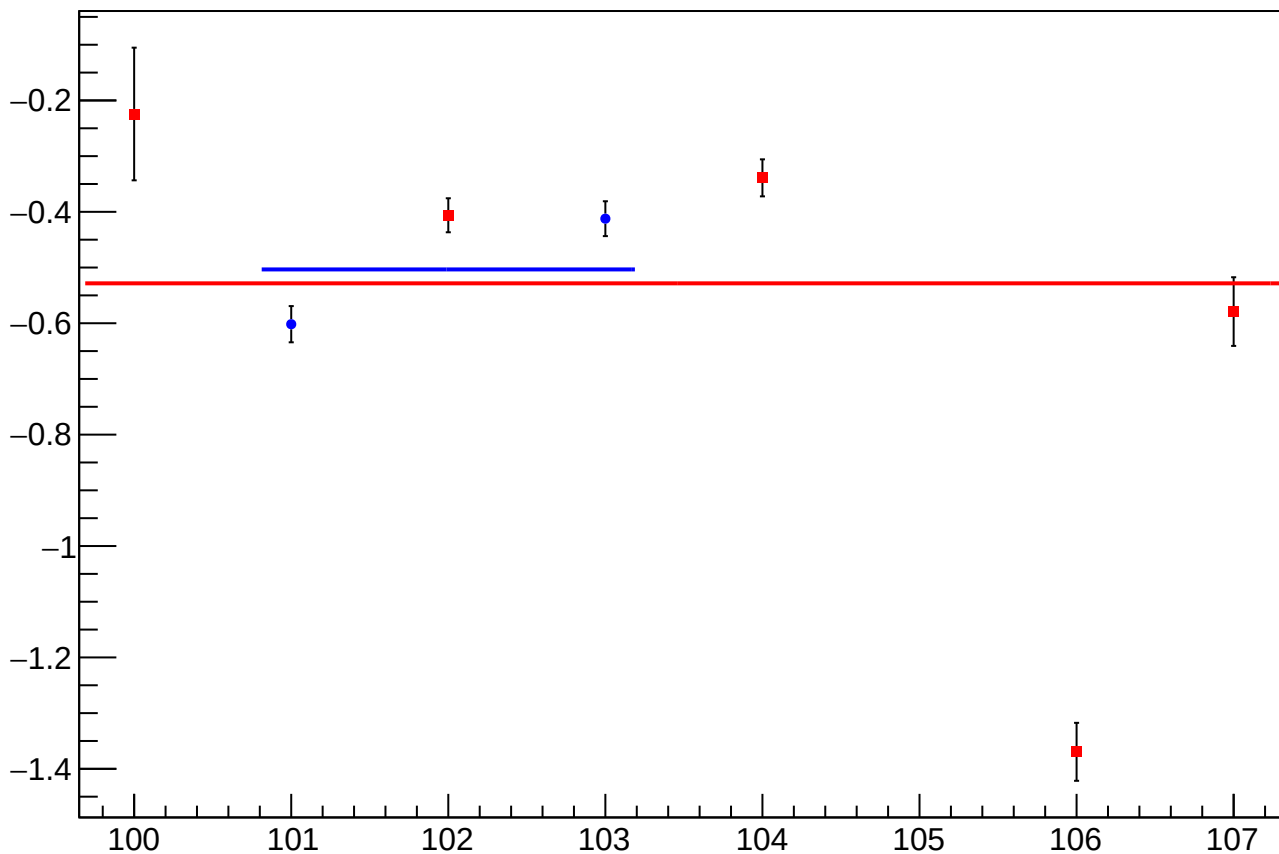
Right: 21.385+/-0.405 χ^2/NDF : 216.6/6

In: 17.265+/-0.622 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.385+/-0.405 χ^2/NDF : 216.6/6

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.503 $\pm$ 0.023 χ^2 /NDF: 17.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.528 $\pm$ 0.019 χ^2 /NDF: 317.0/4

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

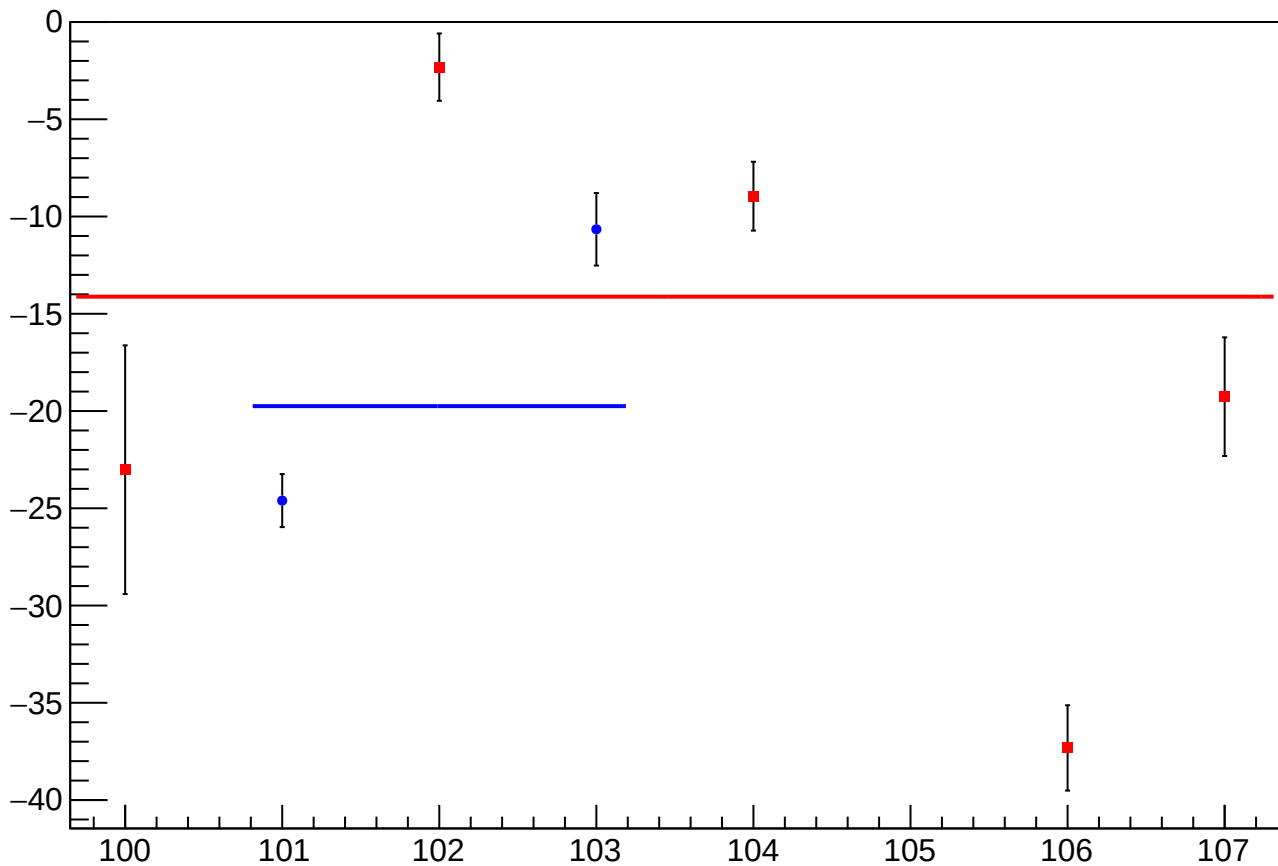
Right: -0.518 $\pm$ 0.015 χ^2 /NDF: 335.4/6

In: -0.503 $\pm$ 0.023 χ^2 /NDF:17.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.518 $\pm$ 0.015 χ^2 /NDF: 335.4/6

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -19.748 $\pm$ 1.100 χ^2 /NDF: 36.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -14.120 $\pm$ 1.004 χ^2 /NDF: 171.6/4

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

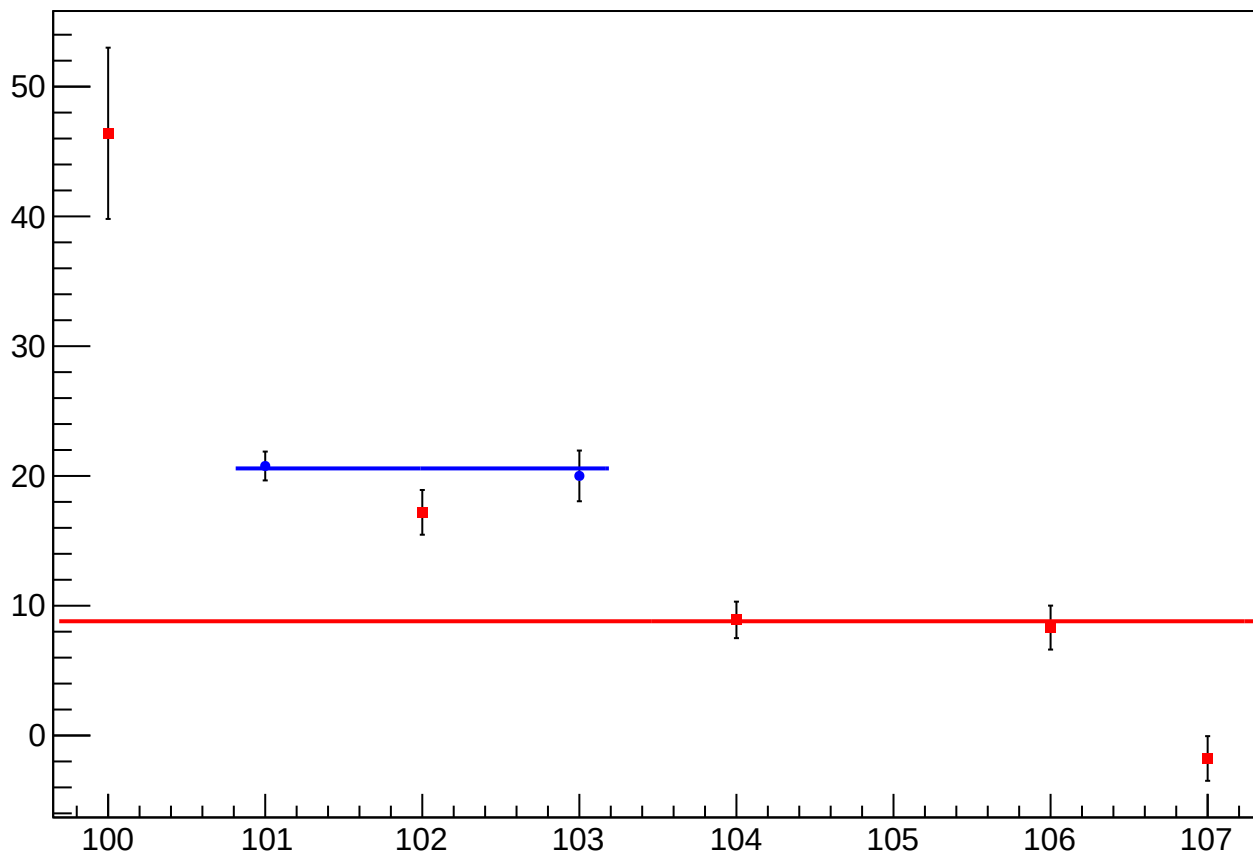
Right: -16.677 $\pm$ 0.741 χ^2 /NDF: 222.4/6

In: -19.748 $\pm$ 1.100 χ^2 /NDF: 36.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -16.677 $\pm$ 0.741 χ^2 /NDF: 222.4/6

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 20.580 $\pm$ 0.966 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.803 $\pm$ 0.803 χ^2 /NDF: 94.0/4

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

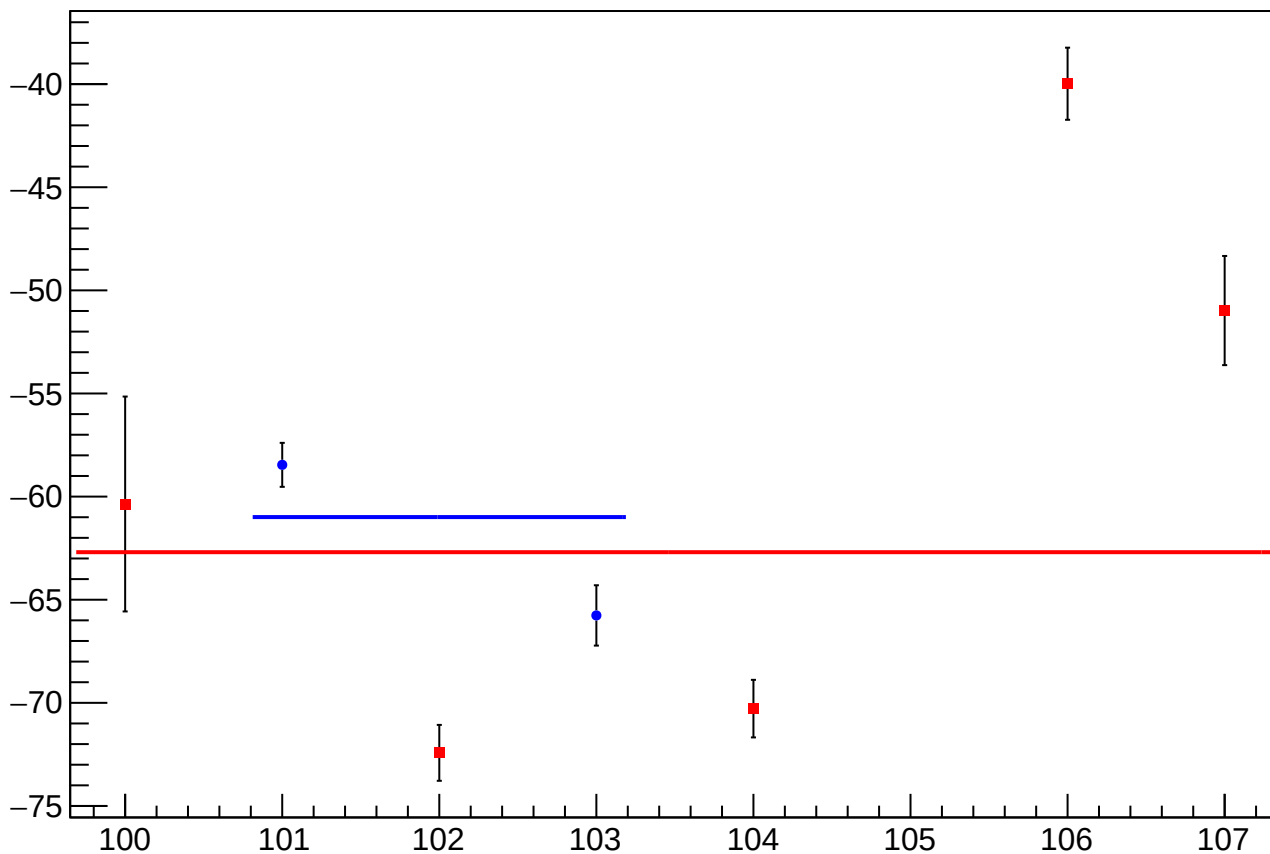
Right: 13.614 $\pm$ 0.617 χ^2 /NDF: 182.1/6

In: 20.580 $\pm$ 0.966 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13.614 $\pm$ 0.617 χ^2 /NDF: 182.1/6

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -60.993 ± 0.862 $\chi^2/\text{NDF}: 16.3/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -62.695 ± 0.800 $\chi^2/\text{NDF}: 269.6/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

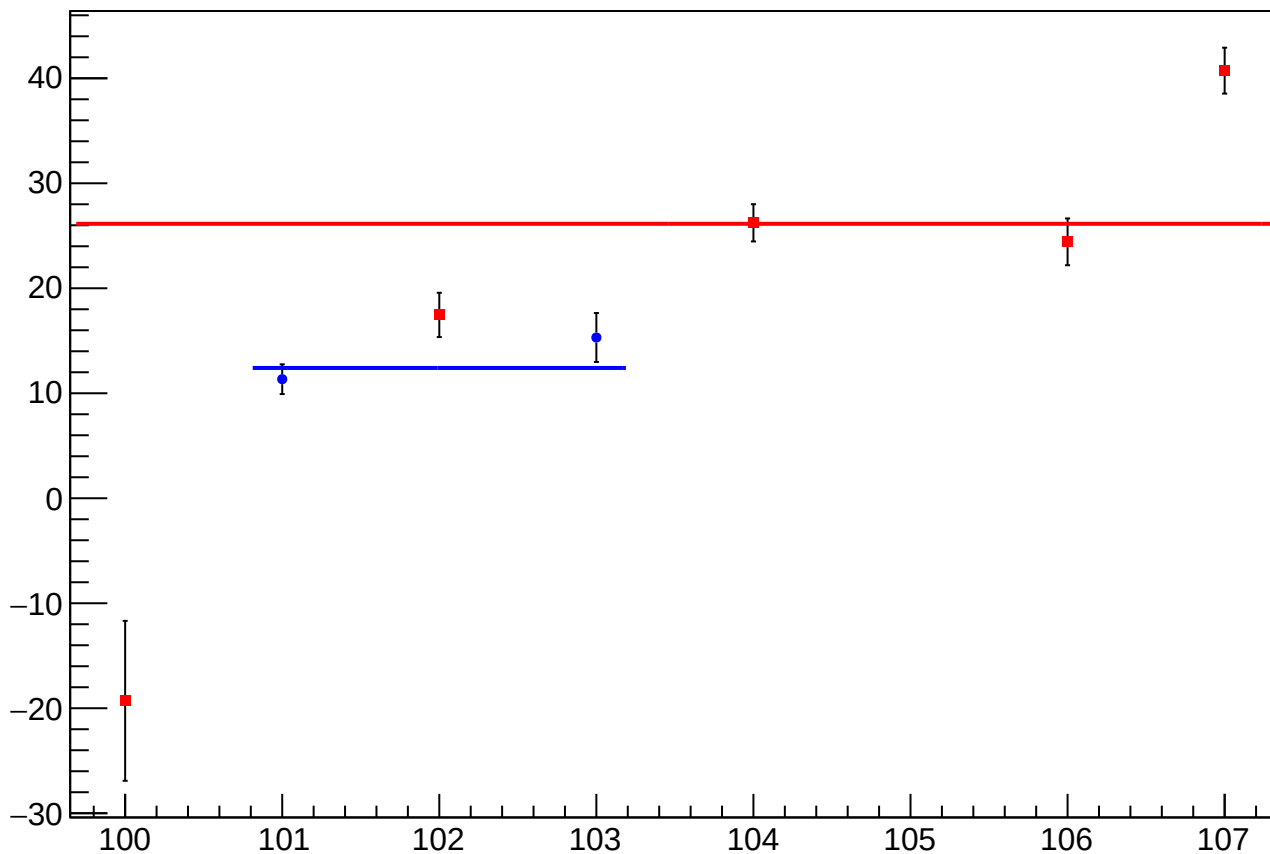
Right: -61.907 ± 0.586 $\chi^2/\text{NDF}: 288.0/6$

In: -60.993 ± 0.862 $\chi^2/\text{NDF}: 16.3/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -61.907 ± 0.586 $\chi^2/\text{NDF}: 288.0/6$

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 12.411+/-1.211 χ^2 /NDF: 2.1/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 26.139+/-1.015 χ^2 /NDF: 97.6/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

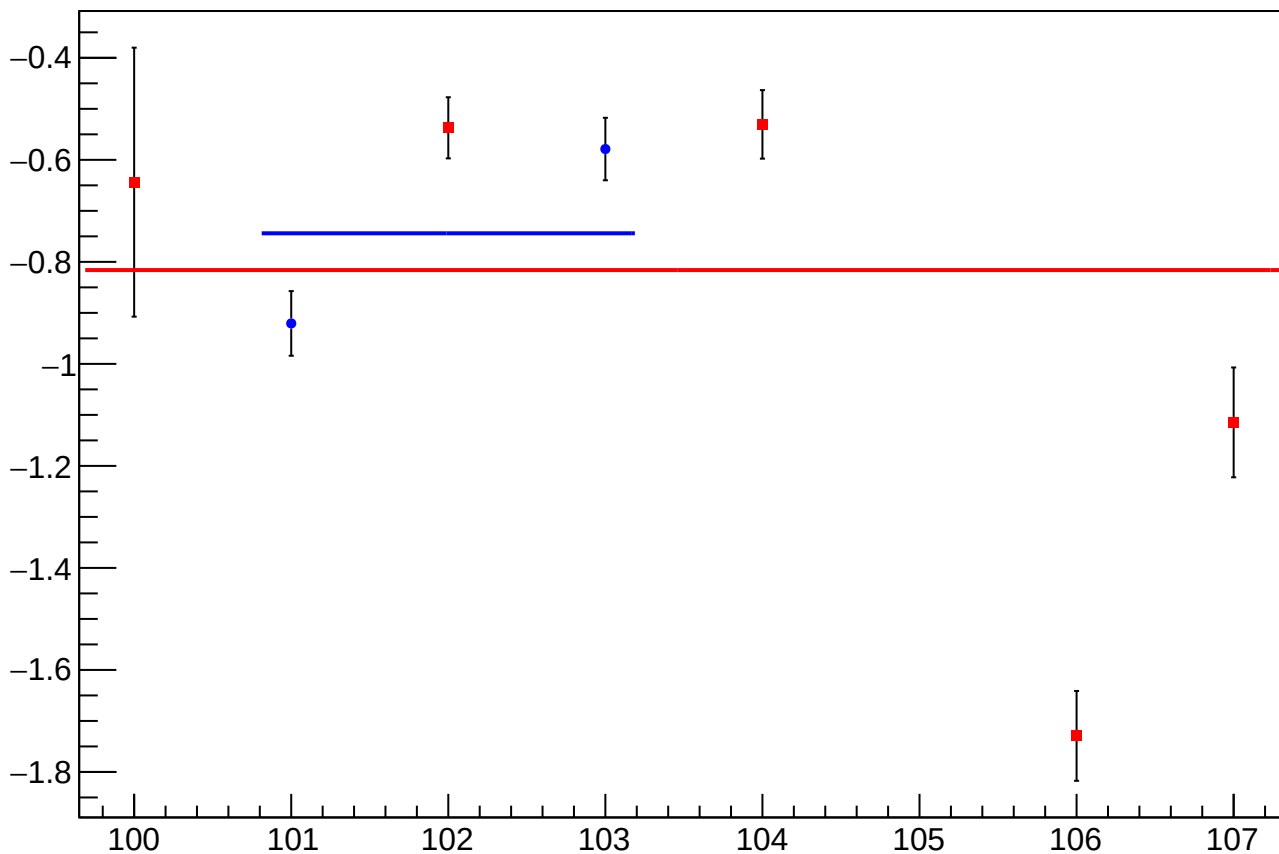
Right: 20.475+/-0.778 χ^2 /NDF: 175.2/6

In: 12.411+/-1.211 χ^2 /NDF:2.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 20.475+/-0.778 χ^2 /NDF: 175.2/6

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.744+/-0.044 χ^2/NDF : 15.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.816+/-0.037 χ^2/NDF : 155.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

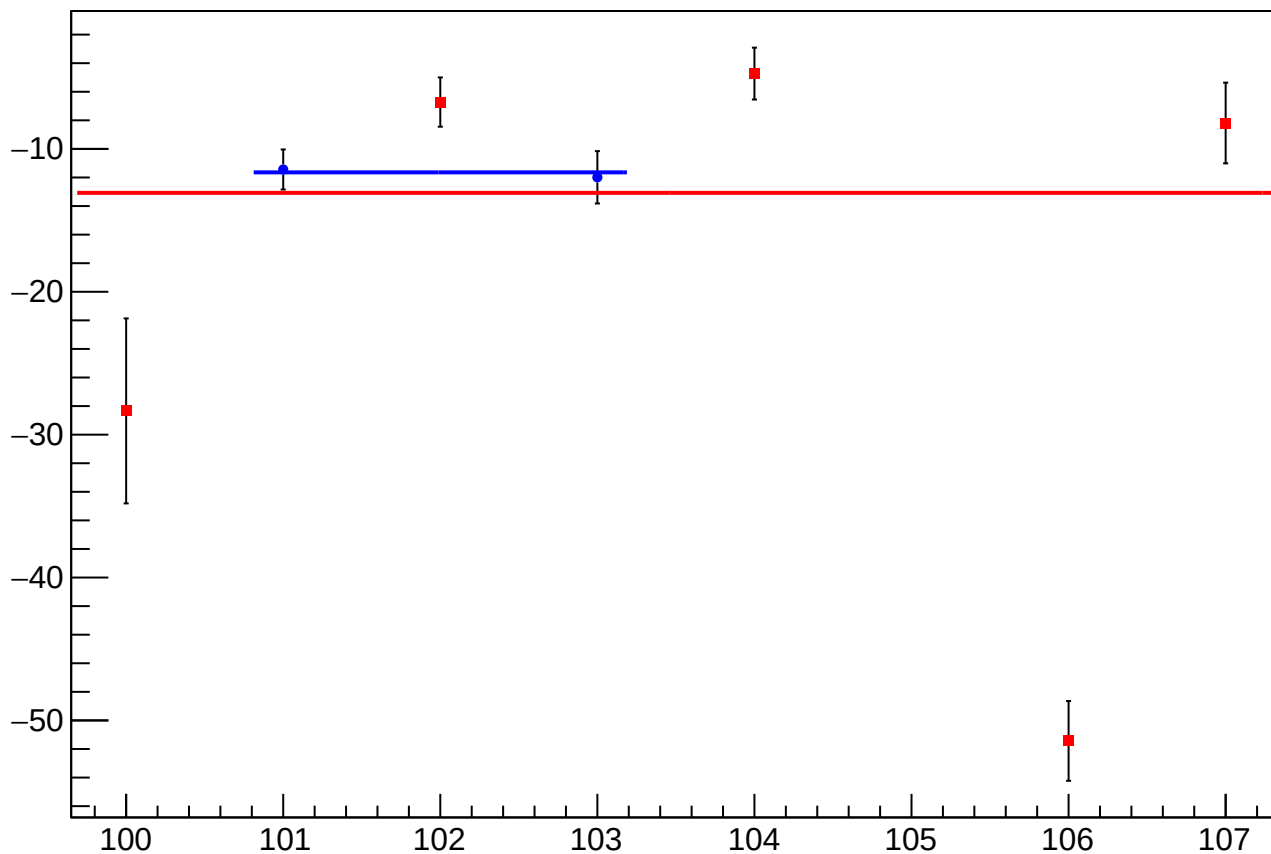
Right: -0.786+/-0.028 χ^2/NDF : 172.0/6

In: -0.744+/-0.044 χ^2/NDF : 15.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.786+/-0.028 χ^2/NDF : 172.0/6

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -11.642 $\pm$ 1.113 χ^2 /NDF: 0.1/1

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

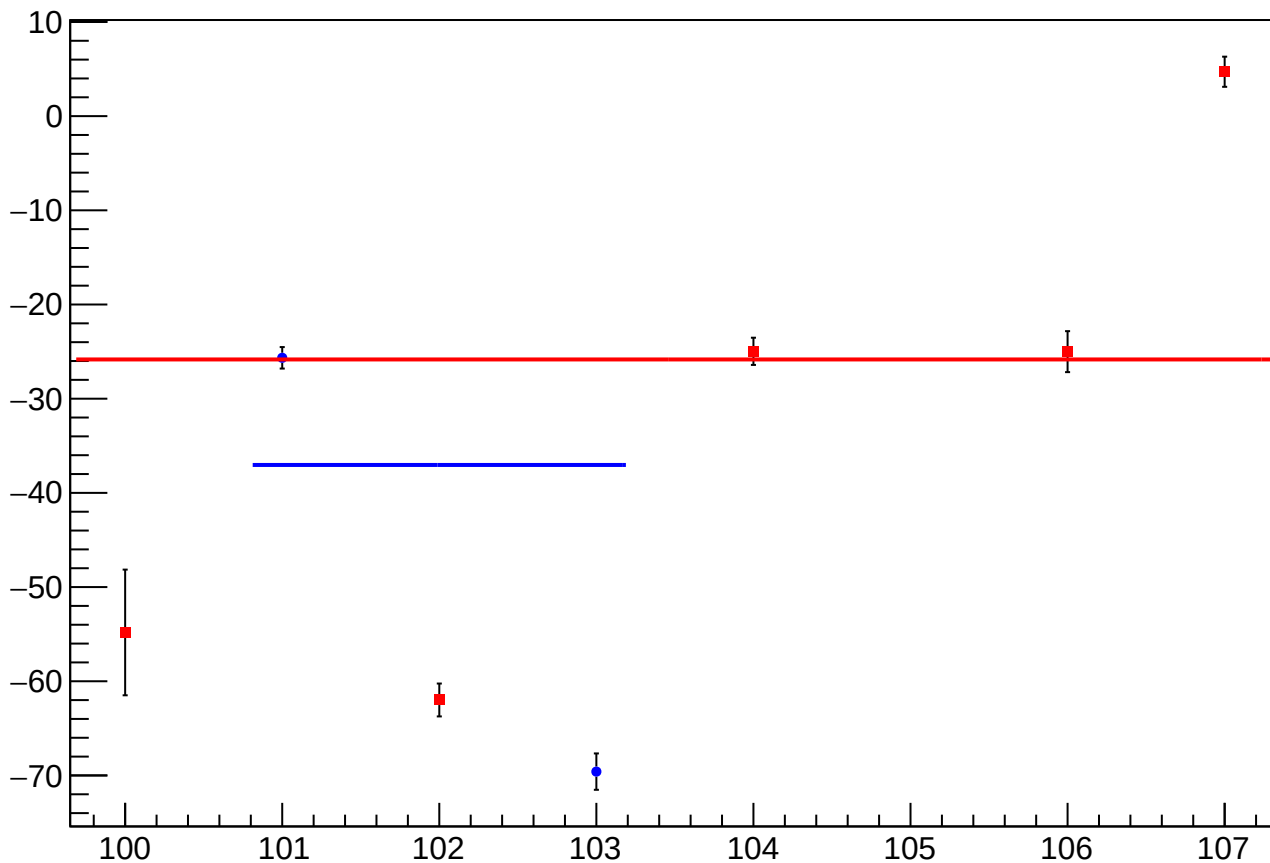
Right: -12.405 $\pm$ 0.761 χ^2 /NDF: 233.0/6

In: -11.642 $\pm$ 1.113 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -12.405 $\pm$ 0.761 χ^2 /NDF: 233.0/6

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -37.035+/-0.982 χ^2/NDF : 383.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.833+/-0.836 χ^2/NDF : 812.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

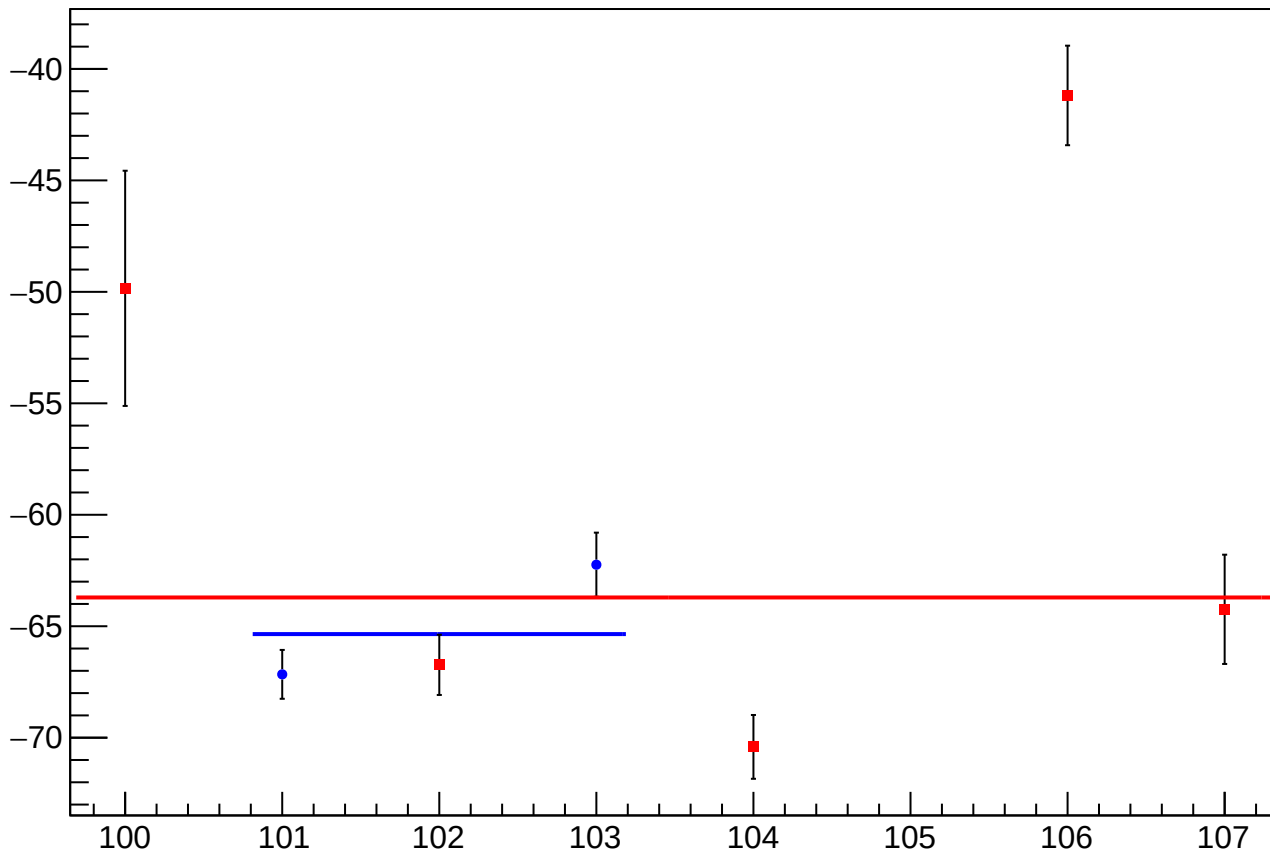
Right: -30.537+/-0.637 χ^2/NDF : 1271.9/6

In: -37.035+/-0.982 χ^2/NDF : 383.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.537+/-0.637 χ^2/NDF : 1271.9/6

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -65.352 $\pm$ 0.872 χ^2 /NDF: 7.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -63.710 $\pm$ 0.834 χ^2 /NDF: 135.6/4

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

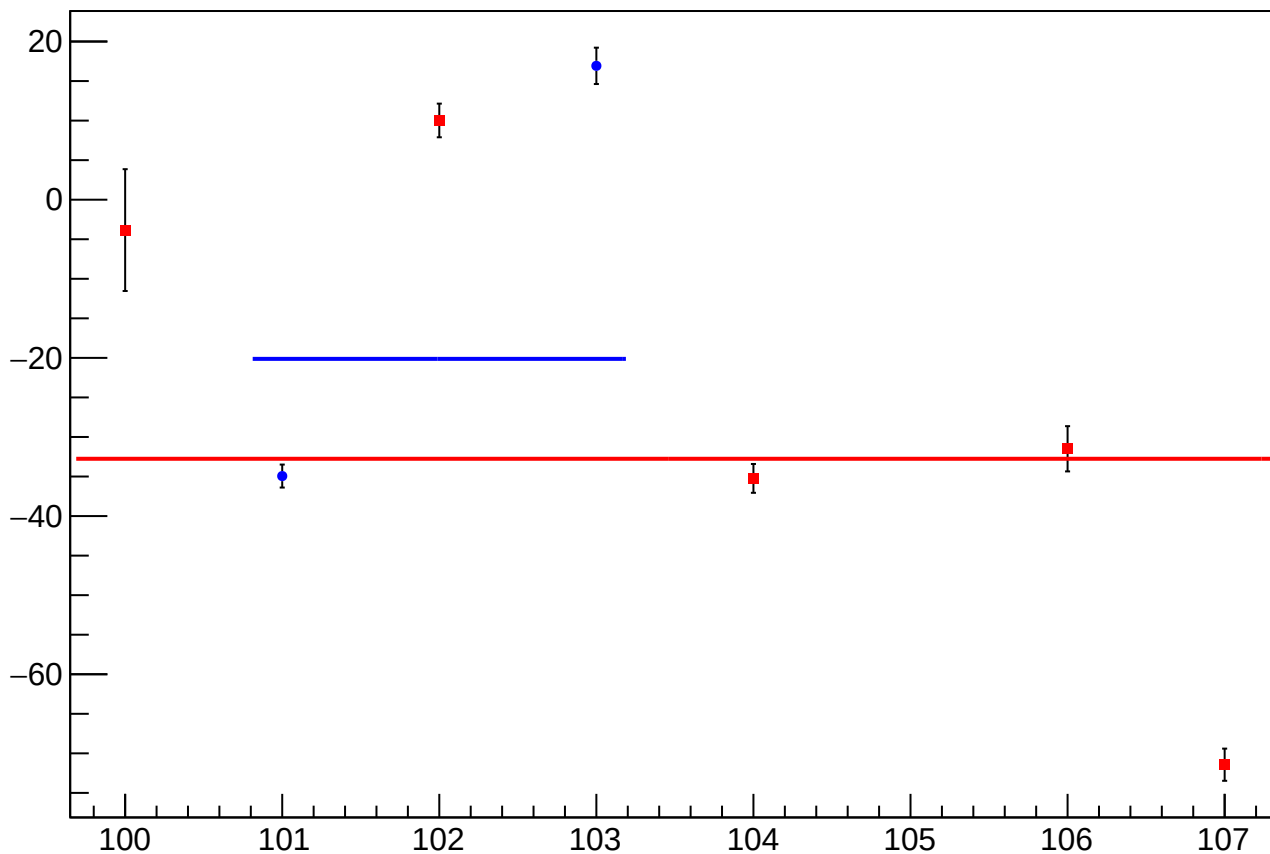
Right: -64.494 $\pm$ 0.603 χ^2 /NDF: 144.9/6

In: -65.352 $\pm$ 0.872 χ^2 /NDF: 7.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -64.494 $\pm$ 0.603 χ^2 /NDF: 144.9/6

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -20.124 $\pm$ 1.228 χ^2 /NDF: 363.7/1

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

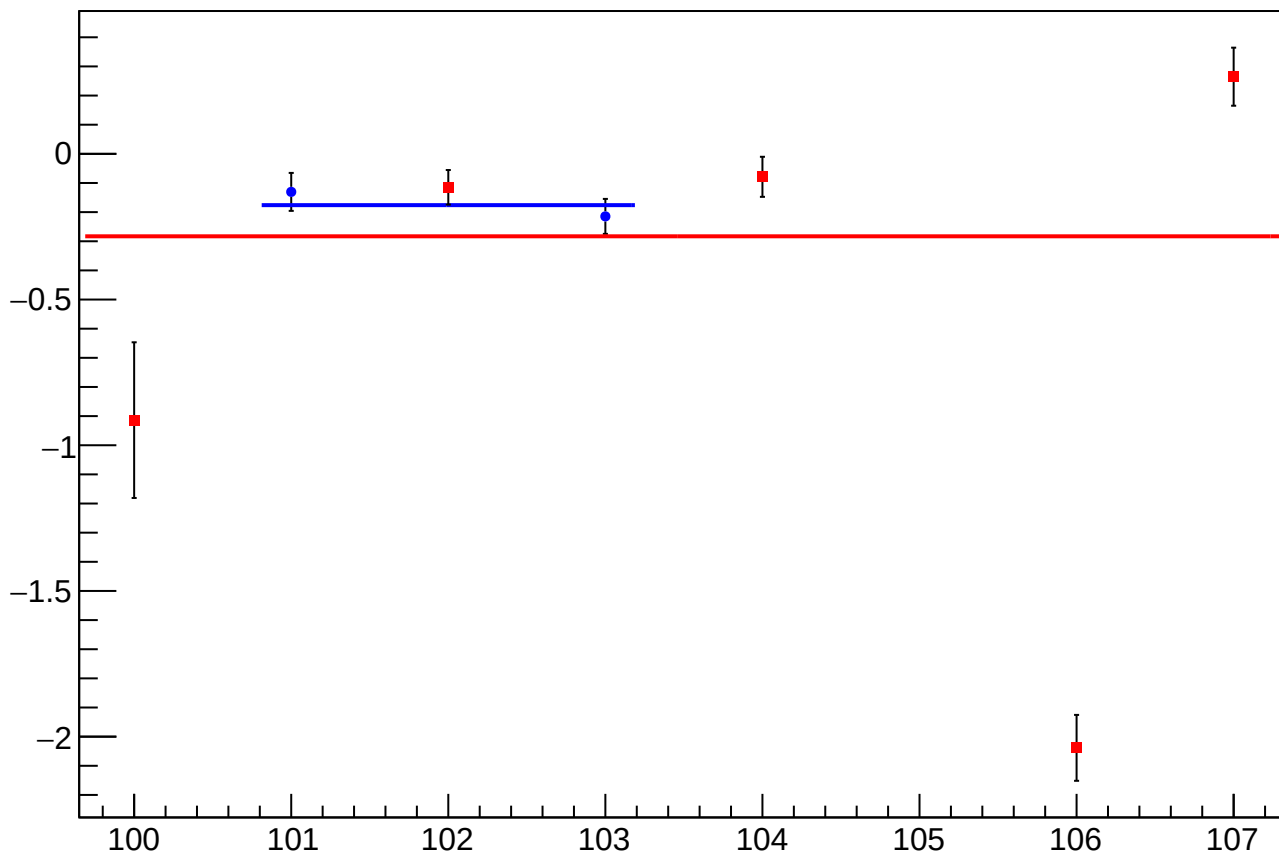
Right: -27.409 $\pm$ 0.799 χ^2 /NDF: 1206.7/6

In: -20.124 $\pm$ 1.228 χ^2 /NDF:363.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -27.409 $\pm$ 0.799 χ^2 /NDF: 1206.7/6

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.176+/-0.044 χ^2/NDF : 0.9/1

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

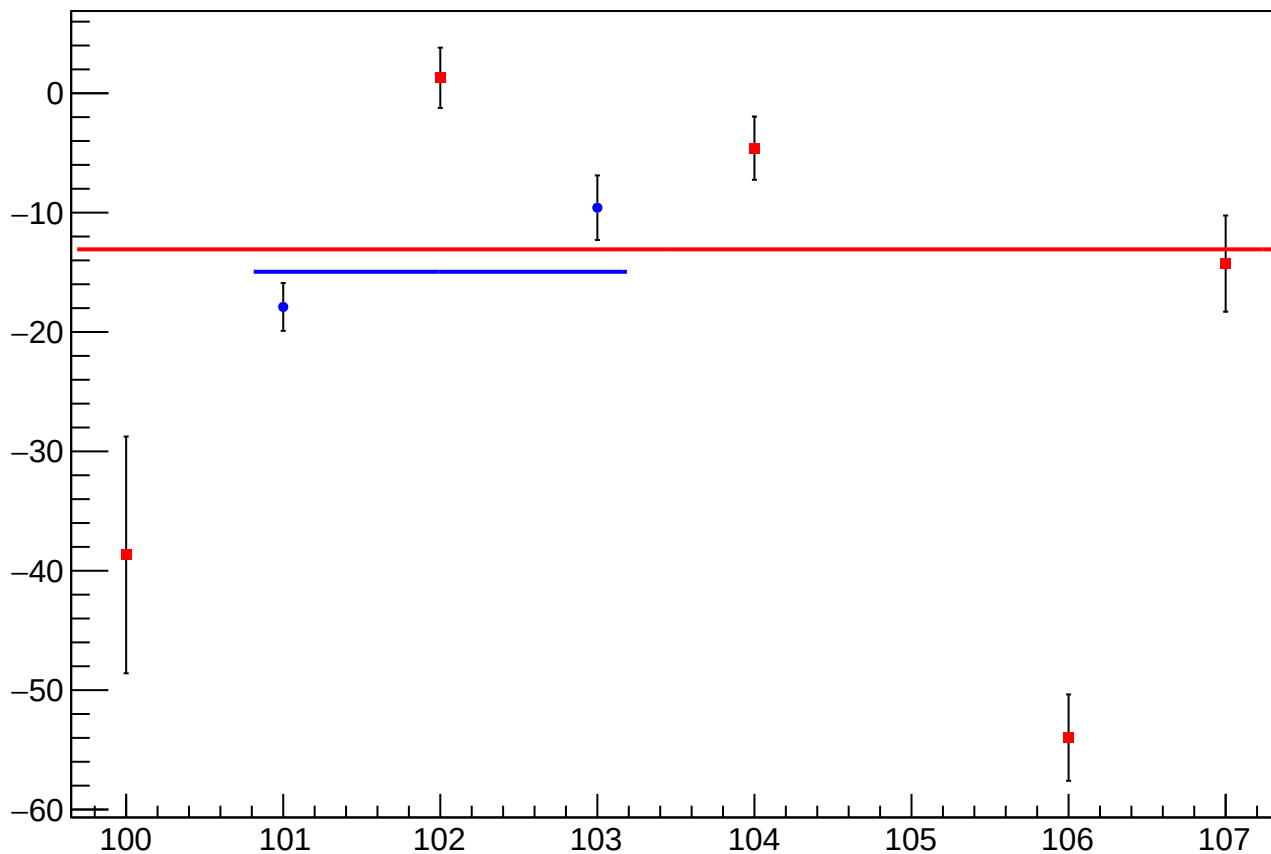
Right: -0.237+/-0.029 χ^2/NDF : 297.9/6

In: -0.176+/-0.044 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.237+/-0.029 χ^2/NDF : 297.9/6

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -14.954 $\pm$ 1.609 χ^2 /NDF: 6.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -13.075 $\pm$ 1.495 χ^2 /NDF: 177.2/4

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

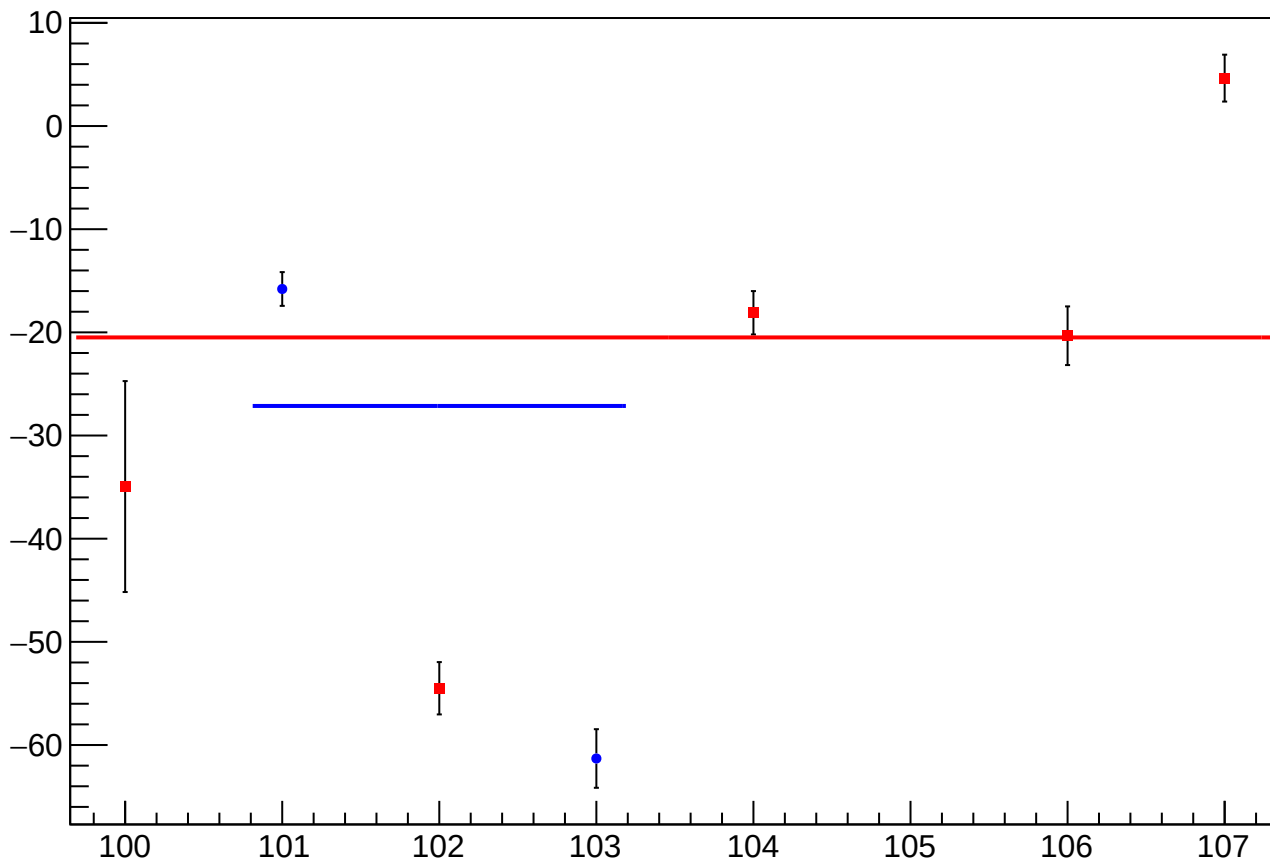
Right: -13.946 $\pm$ 1.095 χ^2 /NDF: 184.1/6

In: -14.954 $\pm$ 1.609 χ^2 /NDF: 6.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -13.946 $\pm$ 1.095 χ^2 /NDF: 184.1/6

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -27.134+/-1.418 χ^2/NDF : 192.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.491+/-1.188 χ^2/NDF : 305.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

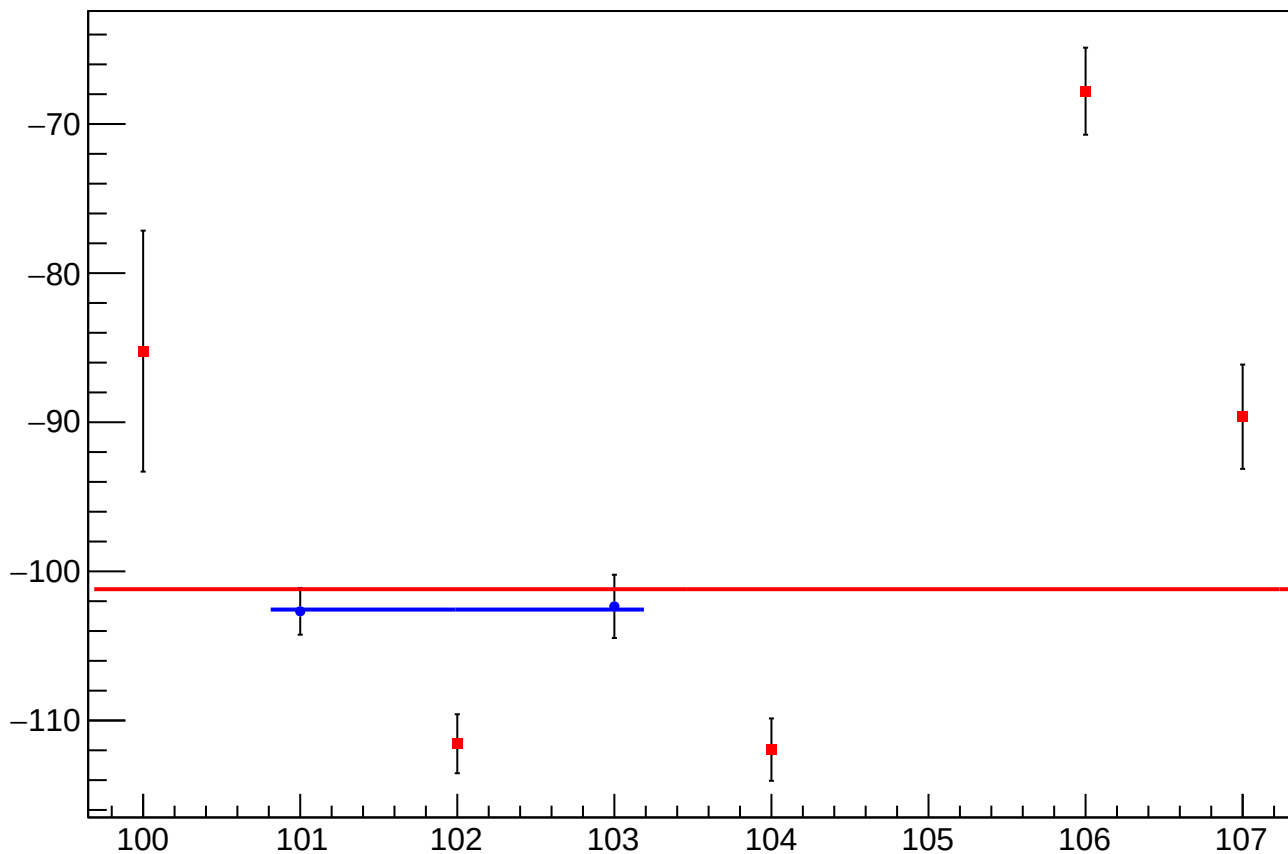
Right: -23.231+/-0.911 χ^2/NDF : 511.0/6

In: -27.134+/-1.418 χ^2/NDF : 192.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.231+/-0.911 χ^2/NDF : 511.0/6

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -102.562 $\pm$ 1.261 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -101.195 $\pm$ 1.196 χ^2 /NDF: 199.7/4

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

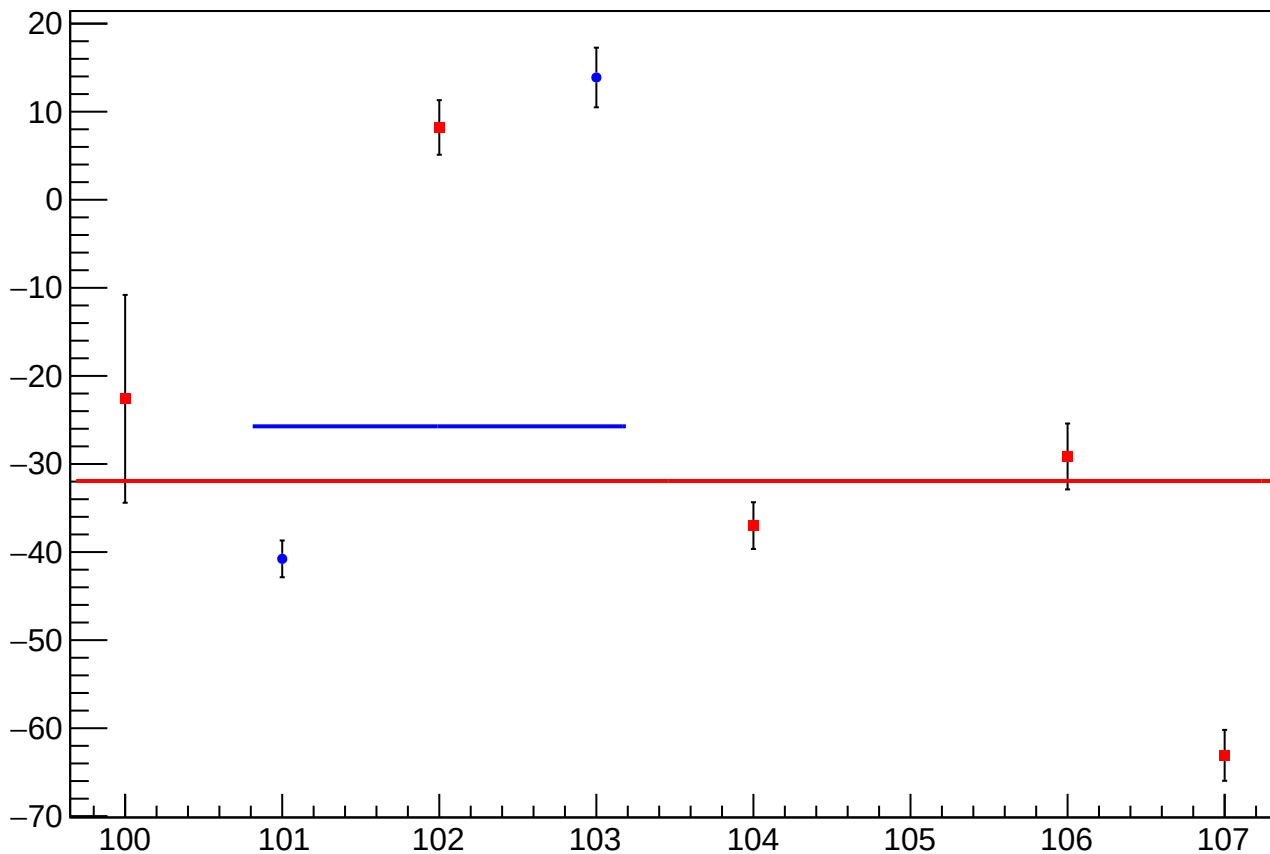
Right: -101.843 $\pm$ 0.868 χ^2 /NDF: 200.3/6

In: -102.562 $\pm$ 1.261 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -101.843 $\pm$ 0.868 χ^2 /NDF: 200.3/6

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -25.725 $\pm$ 1.776 χ^2 /NDF: 188.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -31.928 $\pm$ 1.499 χ^2 /NDF: 289.0/4

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

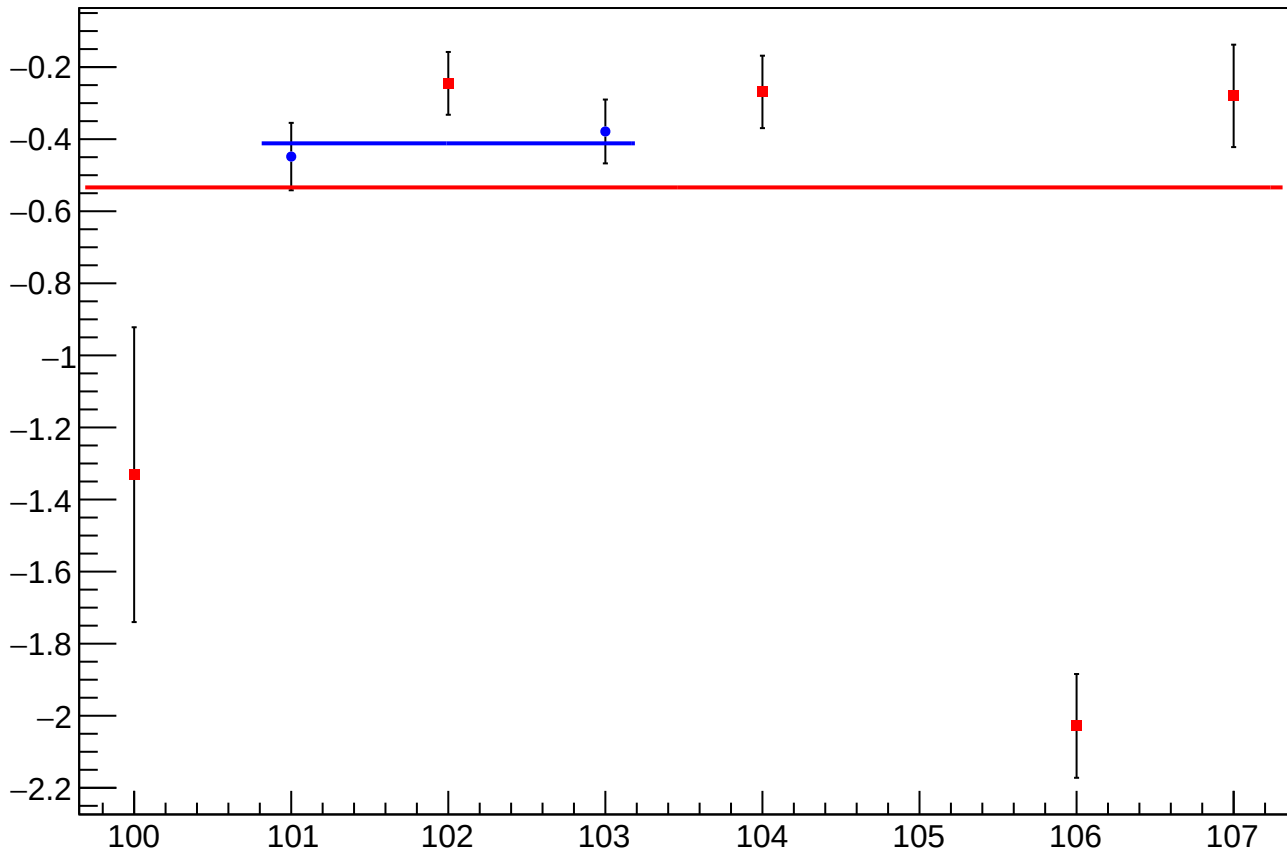
Right: -29.347 $\pm$ 1.146 χ^2 /NDF: 485.1/6

In: -25.725 $\pm$ 1.776 χ^2 /NDF: 188.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -29.347 $\pm$ 1.146 χ^2 /NDF: 485.1/6

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.412+/-0.064 χ^2 /NDF: 0.3/1

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

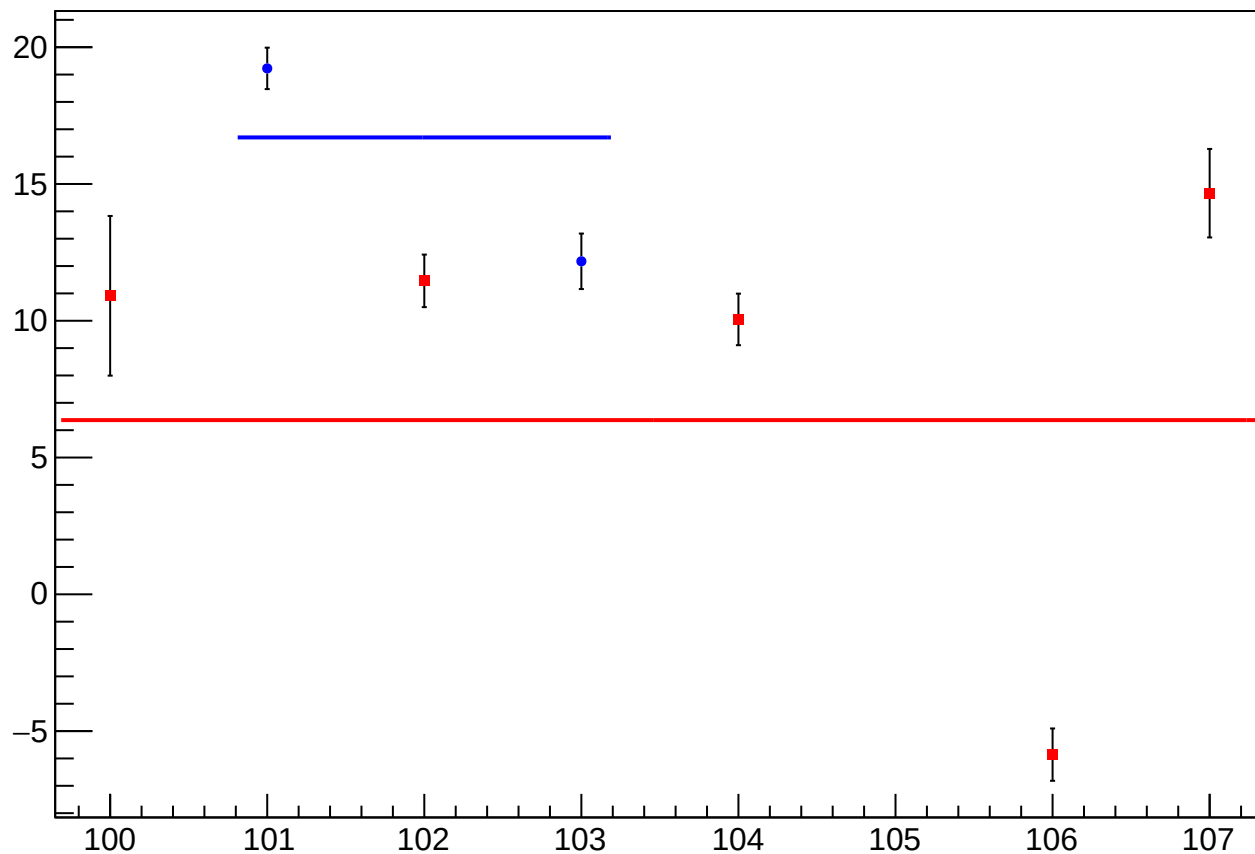
Right: -0.483+/-0.042 χ^2 /NDF: 135.0/6

In: -0.412+/-0.064 χ^2 /NDF:0.3/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.483+/-0.042 χ^2 /NDF: 135.0/6

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 16.702 $\pm$ 0.607 χ^2 /NDF: 31.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.368 $\pm$ 0.513 χ^2 /NDF: 235.5/4

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

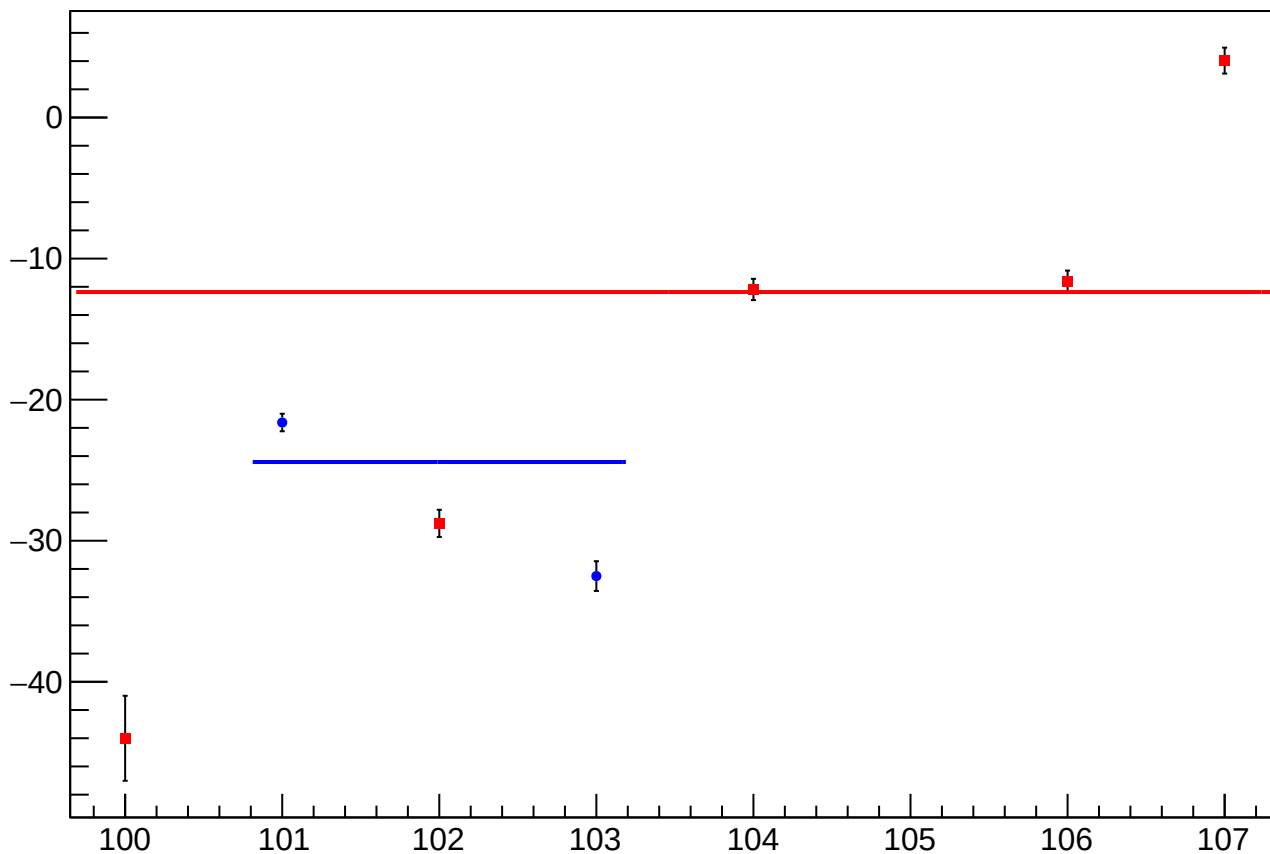
Right: 10.673 $\pm$ 0.392 χ^2 /NDF: 435.7/6

In: 16.702 $\pm$ 0.607 χ^2 /NDF: 31.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.673 $\pm$ 0.392 χ^2 /NDF: 435.7/6

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -24.419 $\pm$ 0.535 χ^2 /NDF: 79.1/1

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

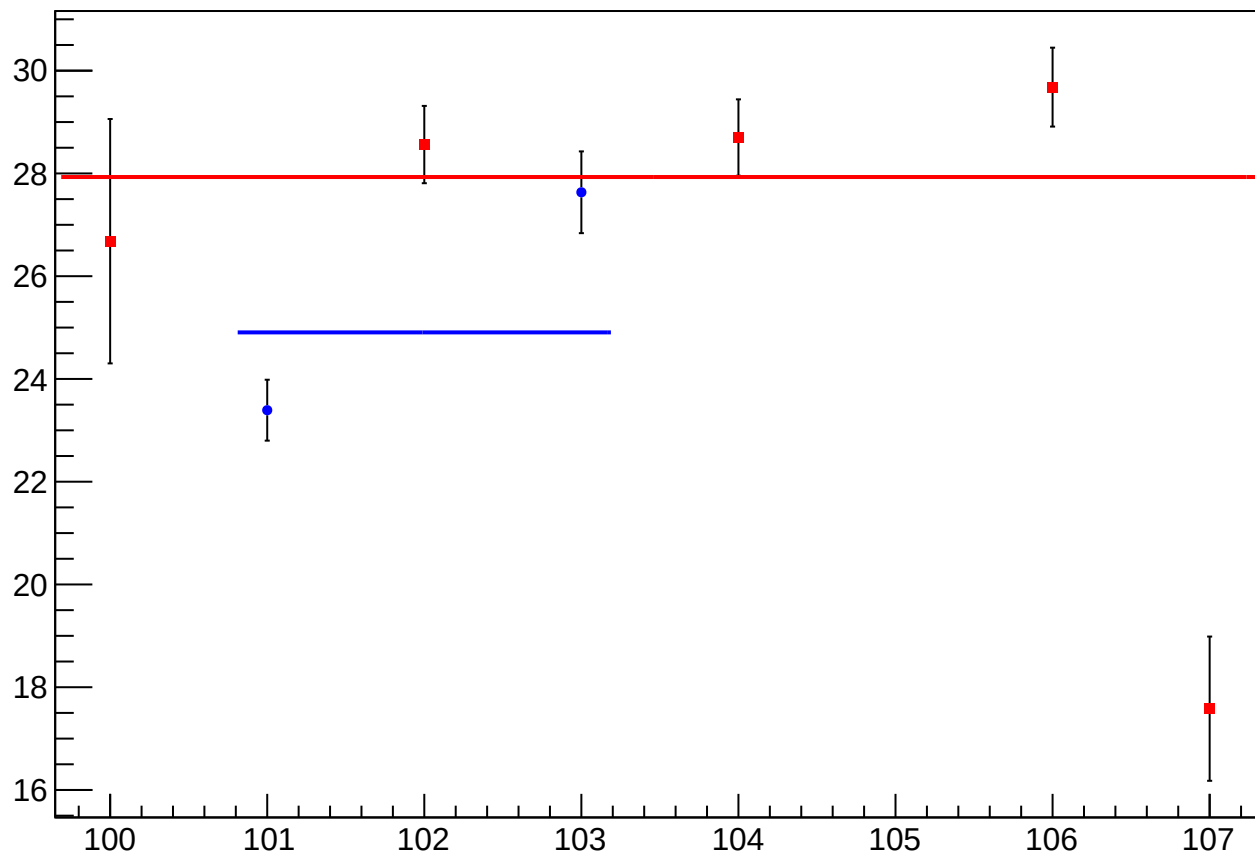
Right: -16.867 $\pm$ 0.327 χ^2 /NDF: 1117.4/6

In: -24.419 $\pm$ 0.535 χ^2 /NDF: 79.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -16.867 $\pm$ 0.327 χ^2 /NDF: 1117.4/6

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 24.906 $\pm$ 0.475 χ^2 /NDF: 18.3/1

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

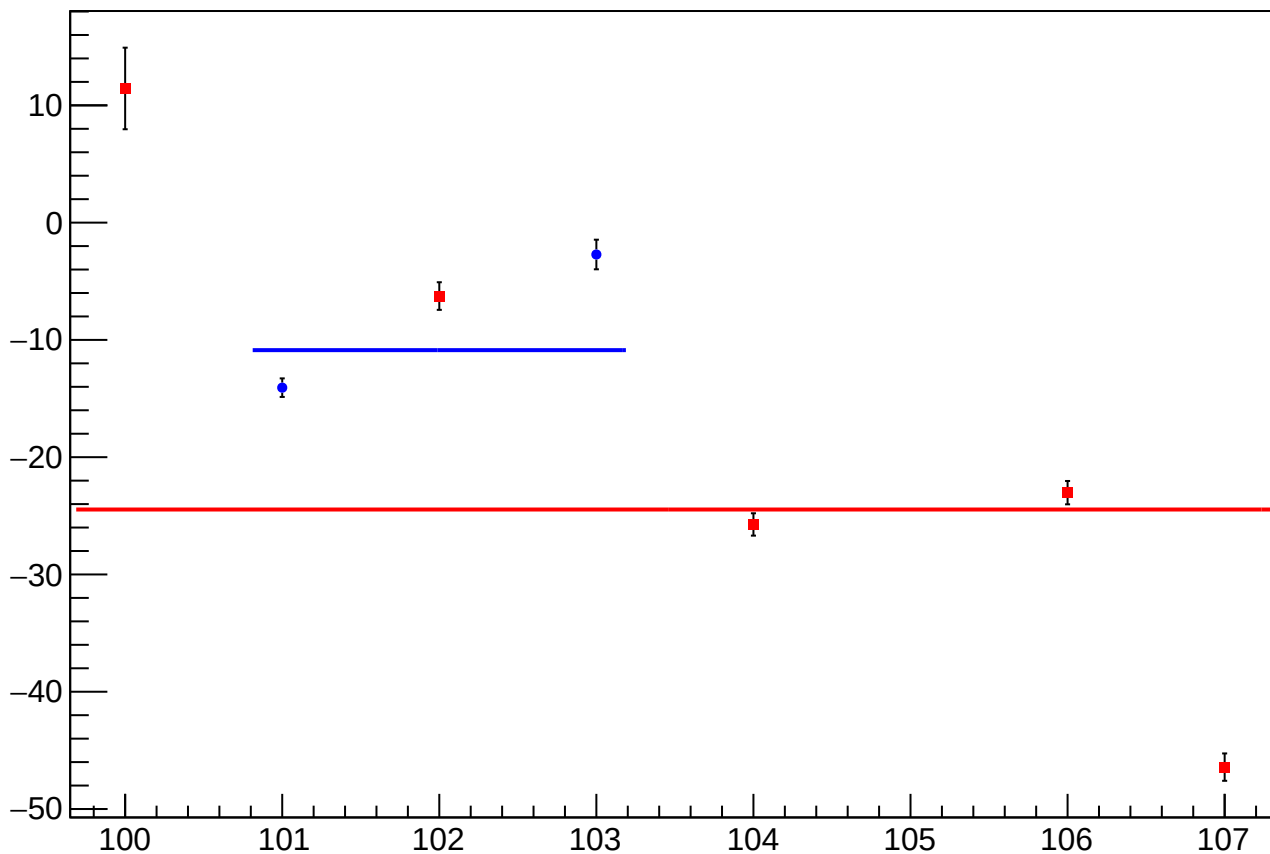
Right: 26.641 $\pm$ 0.310 χ^2 /NDF: 103.1/6

In: 24.906 $\pm$ 0.475 χ^2 /NDF: 18.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 26.641 $\pm$ 0.310 χ^2 /NDF: 103.1/6

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -10.873 ± 0.670 $\chi^2/\text{NDF}: 58.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -24.462 ± 0.523 $\chi^2/\text{NDF}: 704.0/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

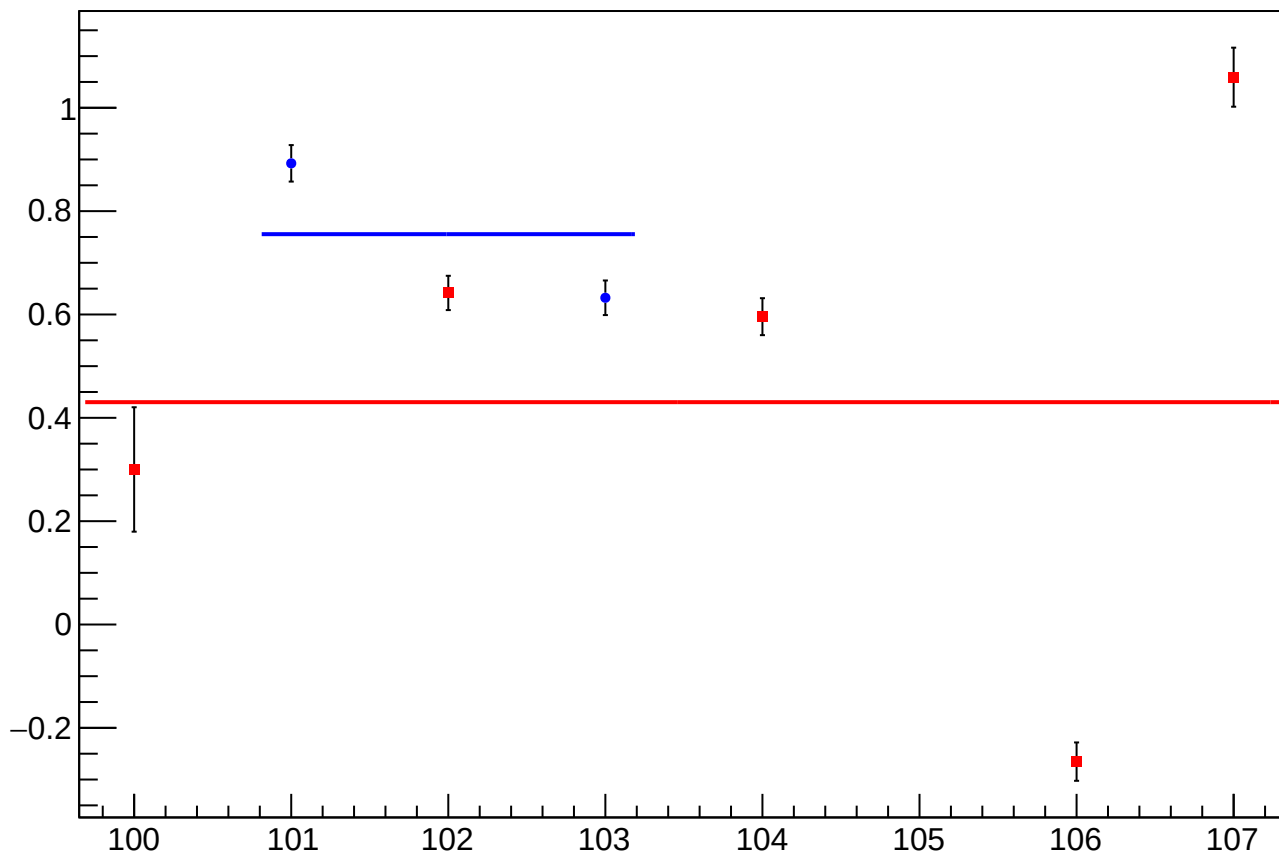
Right: -19.316 ± 0.413 $\chi^2/\text{NDF}: 1017.3/6$

In: -10.873 ± 0.670 $\chi^2/\text{NDF}: 58.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -19.316 ± 0.413 $\chi^2/\text{NDF}: 1017.3/6$

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.755+/-0.024 χ^2/NDF : 28.6/1

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

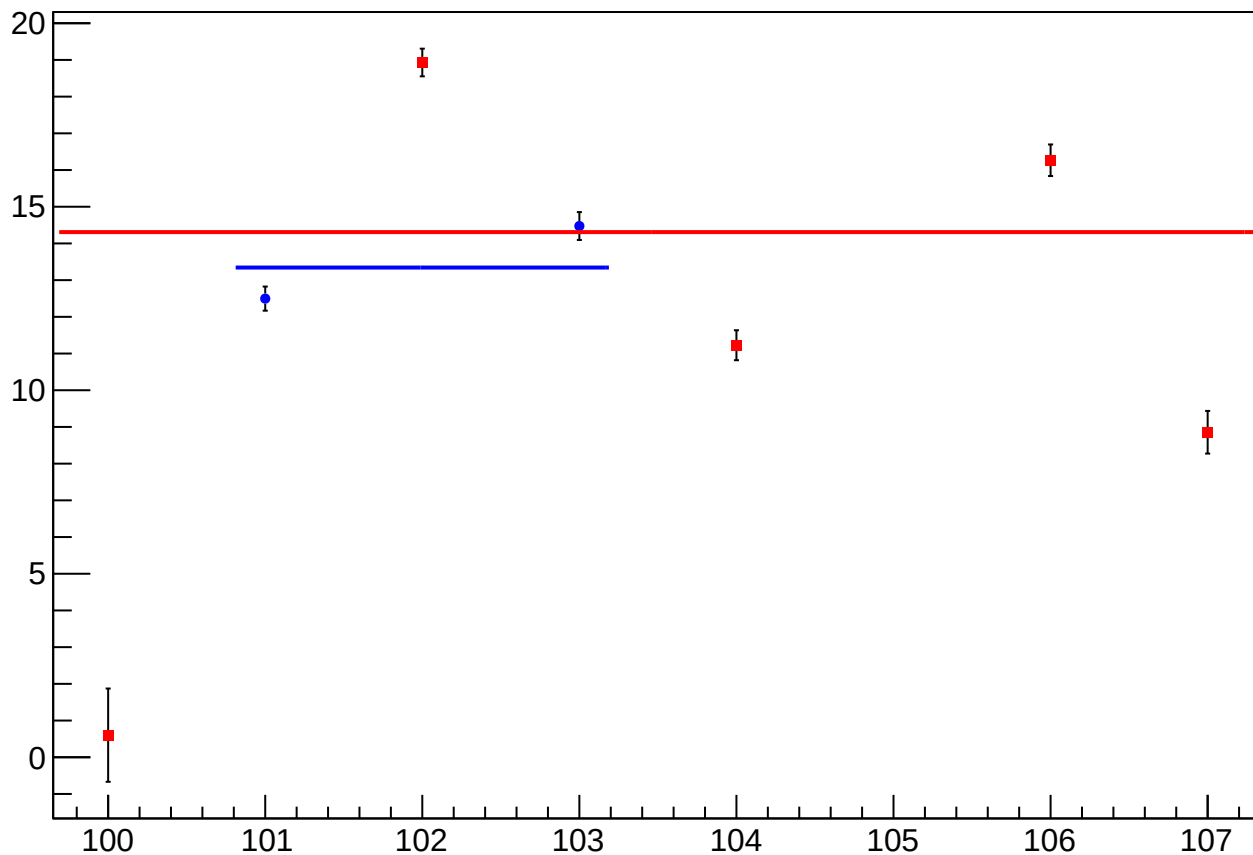
Right: 0.553+/-0.015 χ^2/NDF : 675.8/6

In: 0.755+/-0.024 χ^2/NDF : 28.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.553+/-0.015 χ^2/NDF : 675.8/6

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 13.343+/-0.249 χ^2/NDF : 15.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.309+/-0.213 χ^2/NDF : 432.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

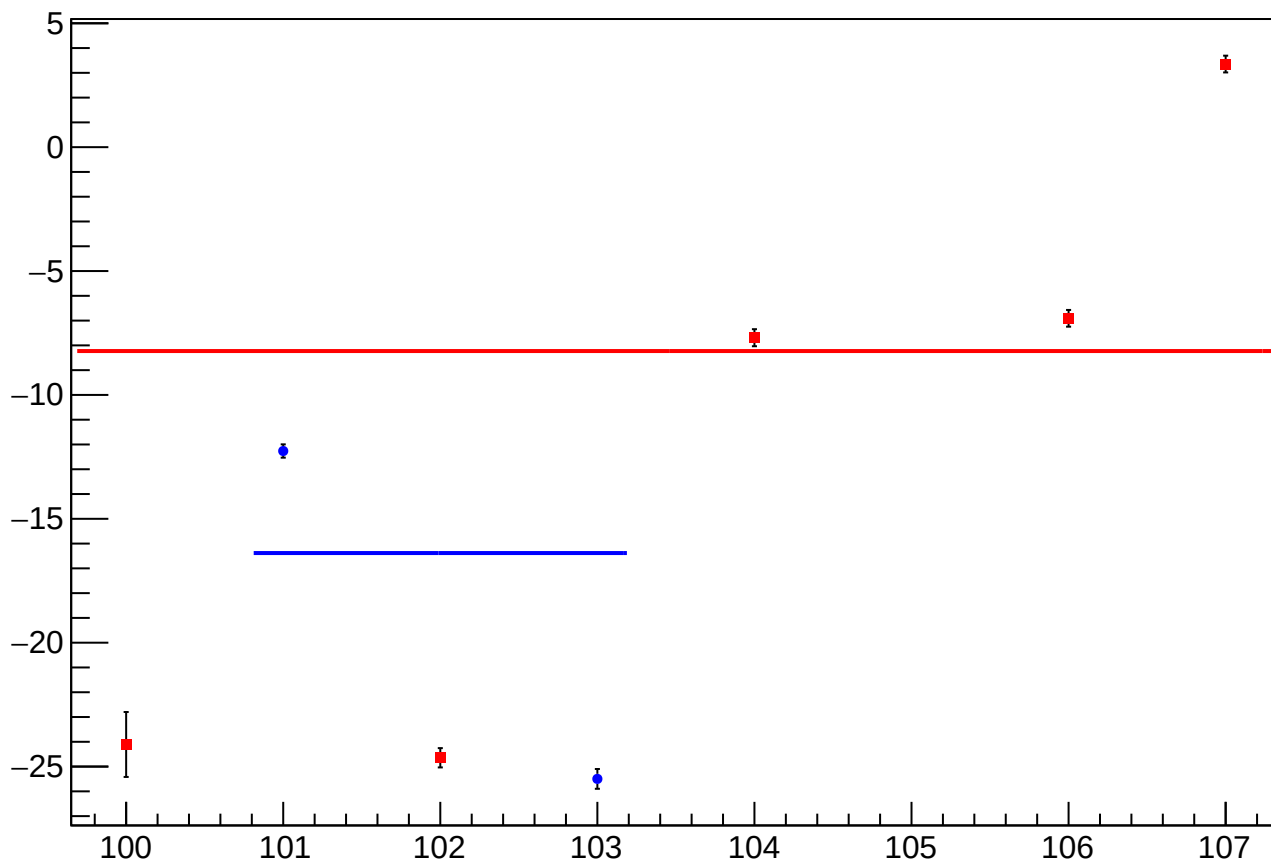
Right: 13.900+/-0.162 χ^2/NDF : 456.6/6

In: 13.343+/-0.249 χ^2/NDF : 15.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.900+/-0.162 χ^2/NDF : 456.6/6

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -16.382 $\pm$ 0.223 χ^2 /NDF: 755.8/1

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

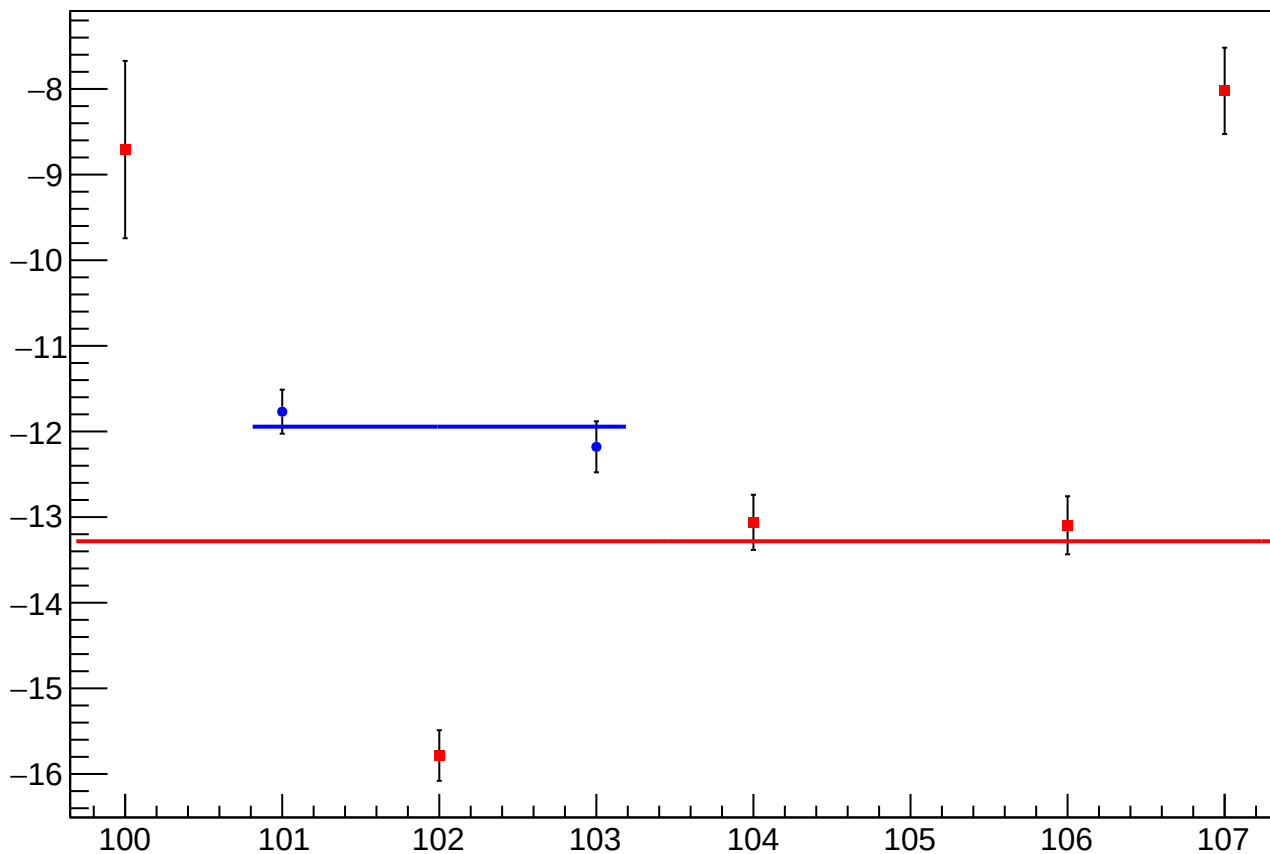
Right: -11.311 $\pm$ 0.137 χ^2 /NDF: 4700.5/6

In: -16.382 $\pm$ 0.223 χ^2 /NDF:755.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -11.311 $\pm$ 0.137 χ^2 /NDF: 4700.5/6

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -11.944 ± 0.195 $\chi^2/\text{NDF}: 1.1/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -13.282 ± 0.170 $\chi^2/\text{NDF}: 200.9/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

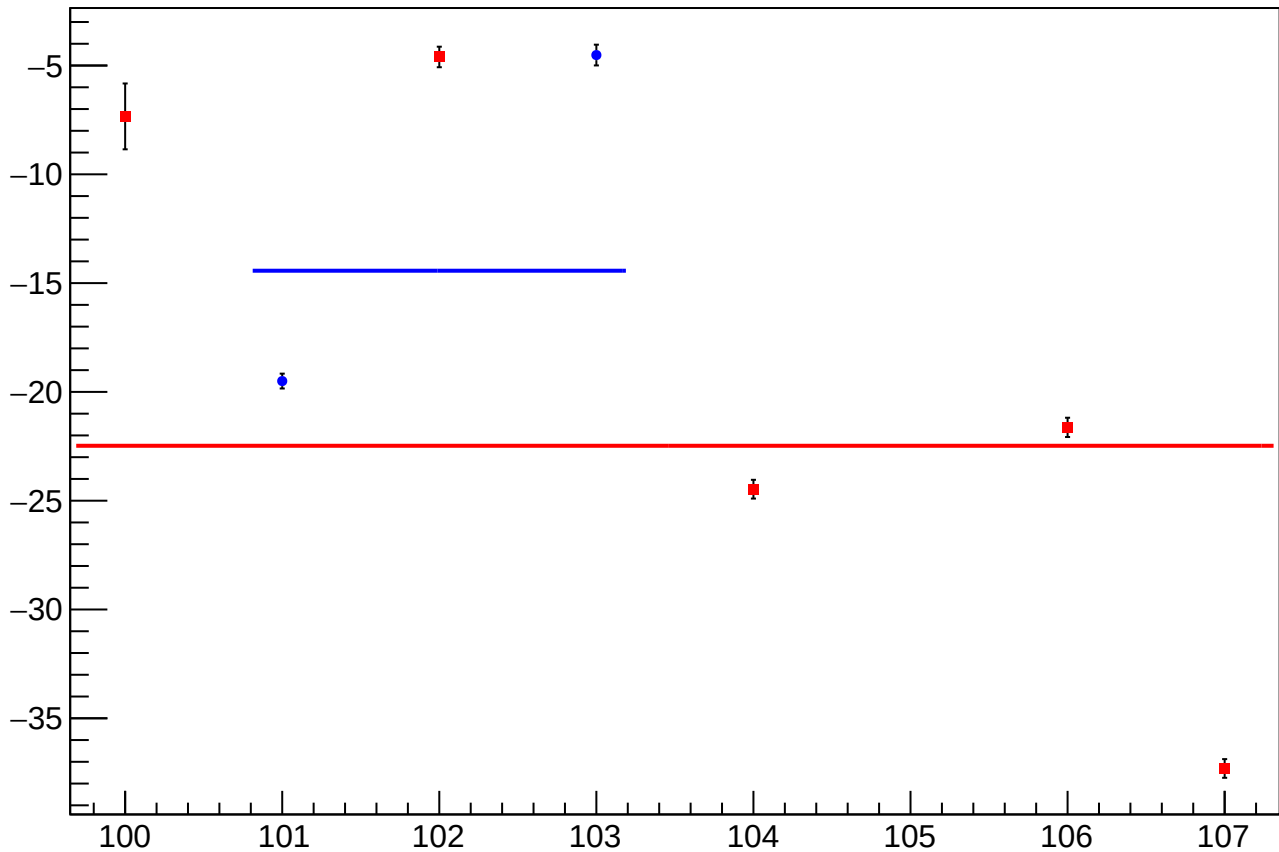
Right: -12.703 ± 0.128 $\chi^2/\text{NDF}: 228.8/6$

In: -11.944 ± 0.195 $\chi^2/\text{NDF}: 1.1/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -12.703 ± 0.128 $\chi^2/\text{NDF}: 228.8/6$

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -14.430 $\pm$ 0.278 χ^2 /NDF: 652.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -22.476 $\pm$ 0.219 χ^2 /NDF: 2750.8/4

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

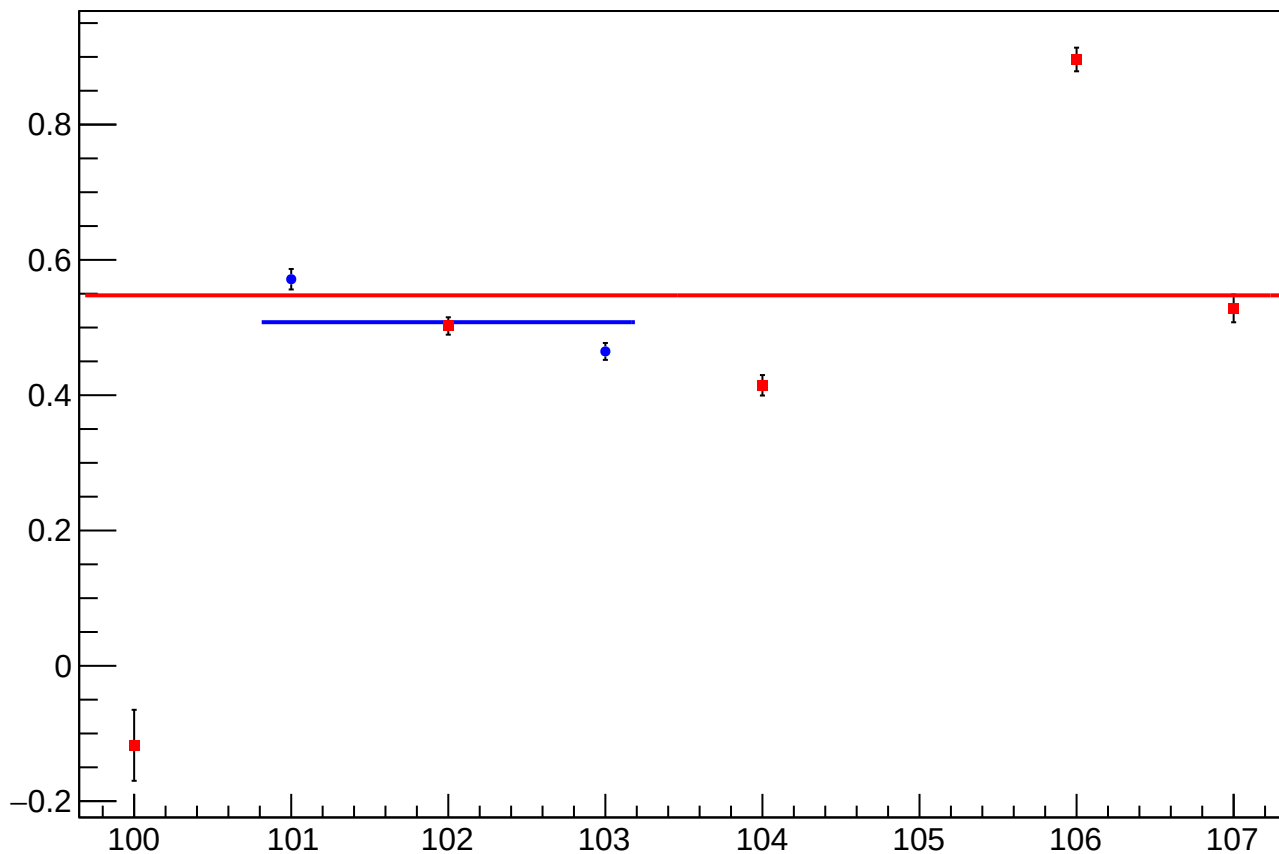
Right: -19.387 $\pm$ 0.172 χ^2 /NDF: 3920.4/6

In: -14.430 $\pm$ 0.278 χ^2 /NDF:652.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -19.387 $\pm$ 0.172 χ^2 /NDF: 3920.4/6

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.508 $\pm$ 0.010 χ^2 /NDF: 29.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.548 $\pm$ 0.008 χ^2 /NDF: 649.9/4

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

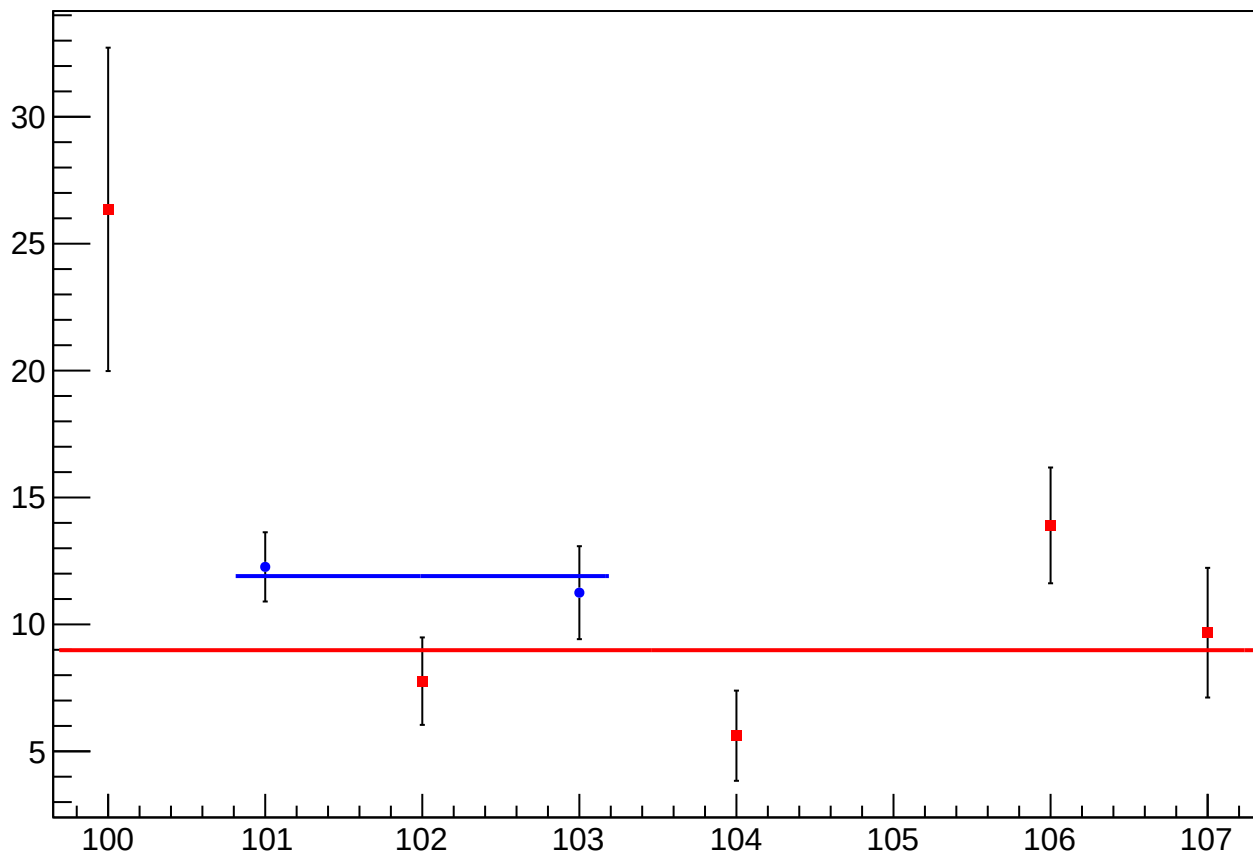
Right: 0.532 $\pm$ 0.006 χ^2 /NDF: 689.8/6

In: 0.508 $\pm$ 0.010 χ^2 /NDF: 29.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.532 $\pm$ 0.006 χ^2 /NDF: 689.8/6

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 11.904 $\pm$ 1.094 χ^2 /NDF: 0.2/1

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

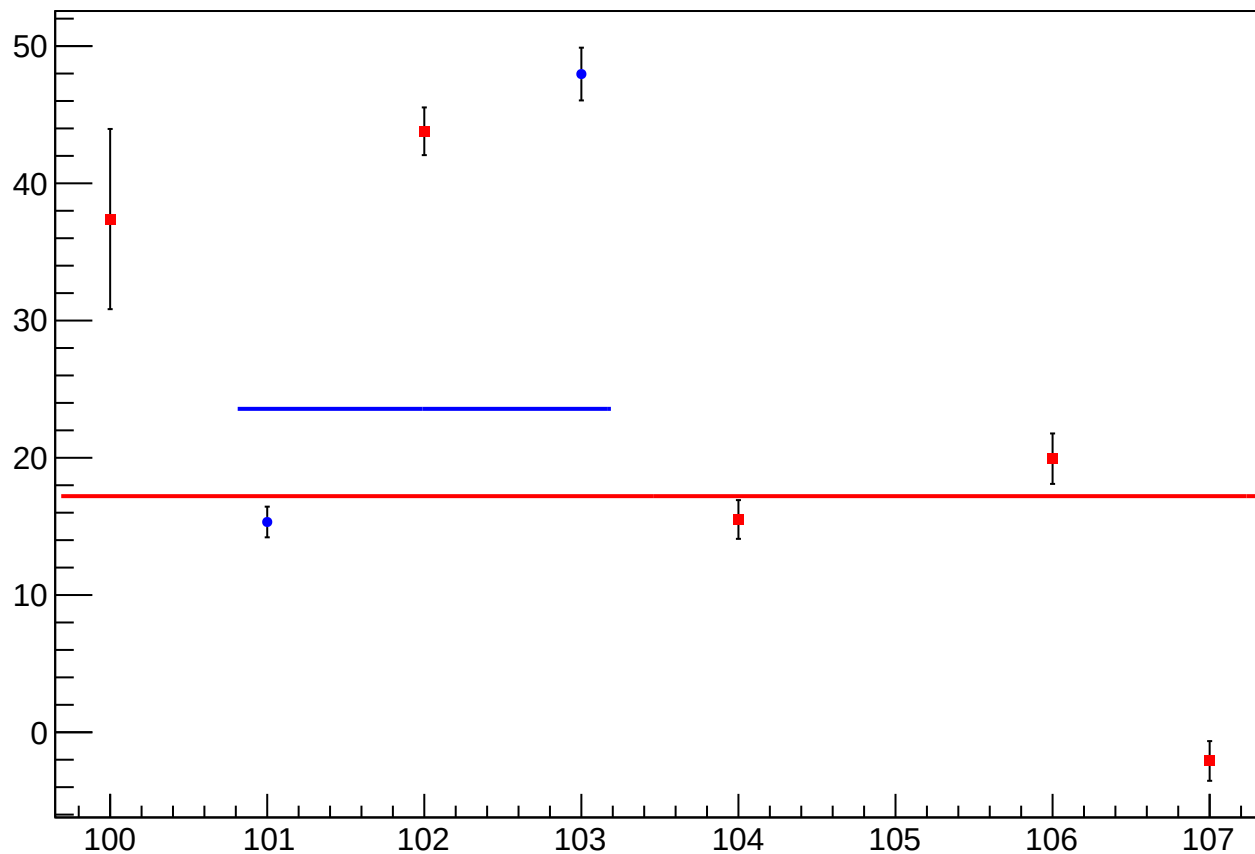
Right: 10.296 $\pm$ 0.733 χ^2 /NDF: 20.4/6

In: 11.904 $\pm$ 1.094 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.296 $\pm$ 0.733 χ^2 /NDF: 20.4/6

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 23.567+/-0.966 χ^2/NDF : 215.5/1

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

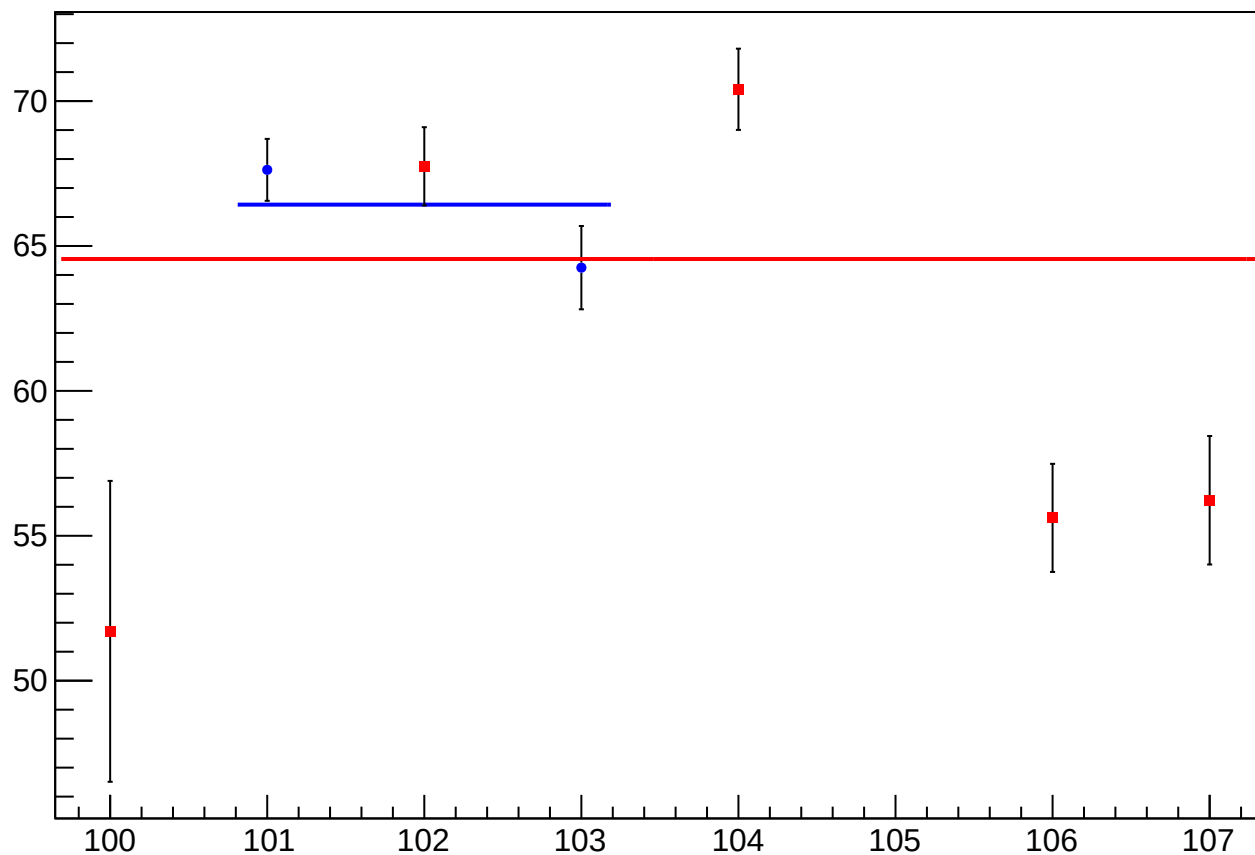
Right: 19.728+/-0.608 χ^2/NDF : 666.8/6

In: 23.567+/-0.966 χ^2/NDF : 215.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.728+/-0.608 χ^2/NDF : 666.8/6

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 66.427+/-0.857 χ^2/NDF : 3.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.550+/-0.794 χ^2/NDF : 66.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

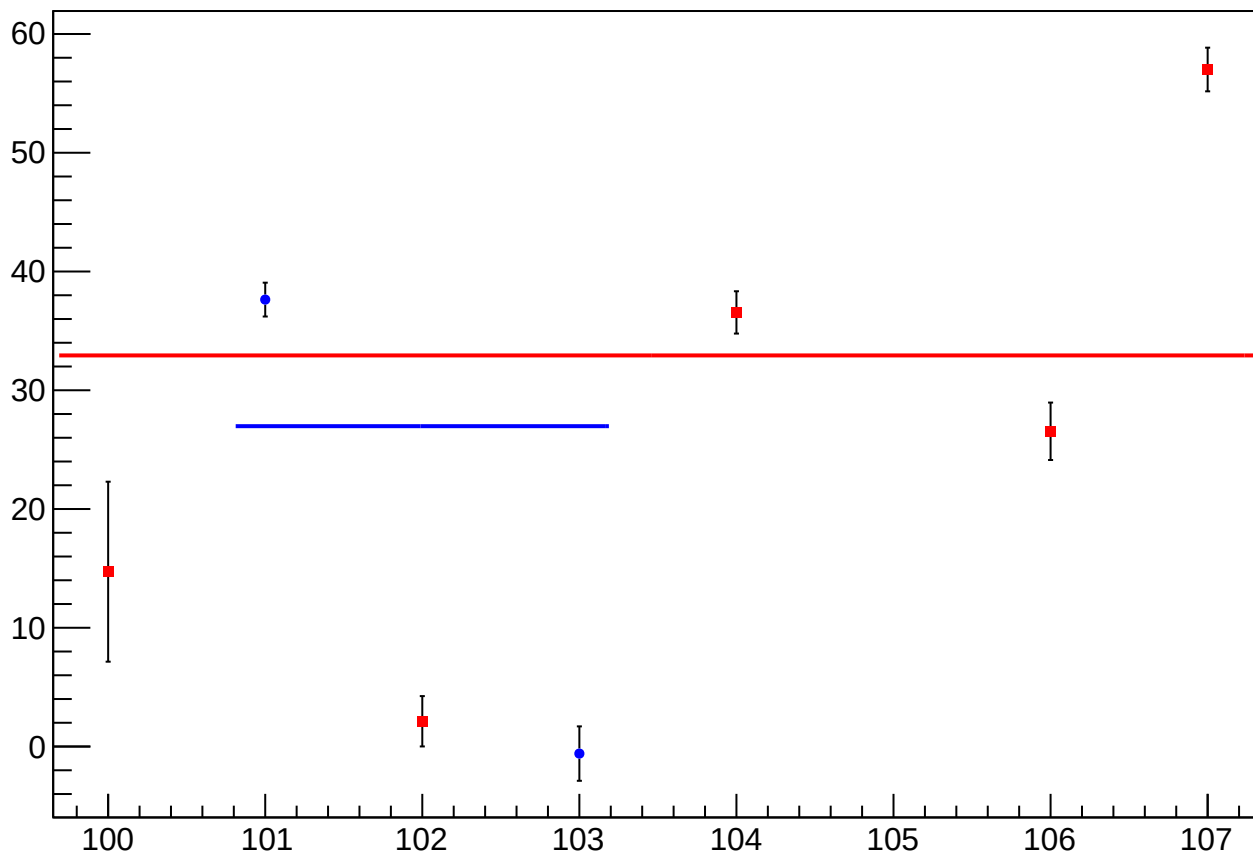
Right: 65.417+/-0.583 χ^2/NDF : 72.4/6

In: 66.427+/-0.857 χ^2/NDF : 3.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.417+/-0.583 χ^2/NDF : 72.4/6

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 26.976 ± 1.210 $\chi^2/\text{NDF}: 200.7/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 32.934 ± 0.989 $\chi^2/\text{NDF}: 399.6/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

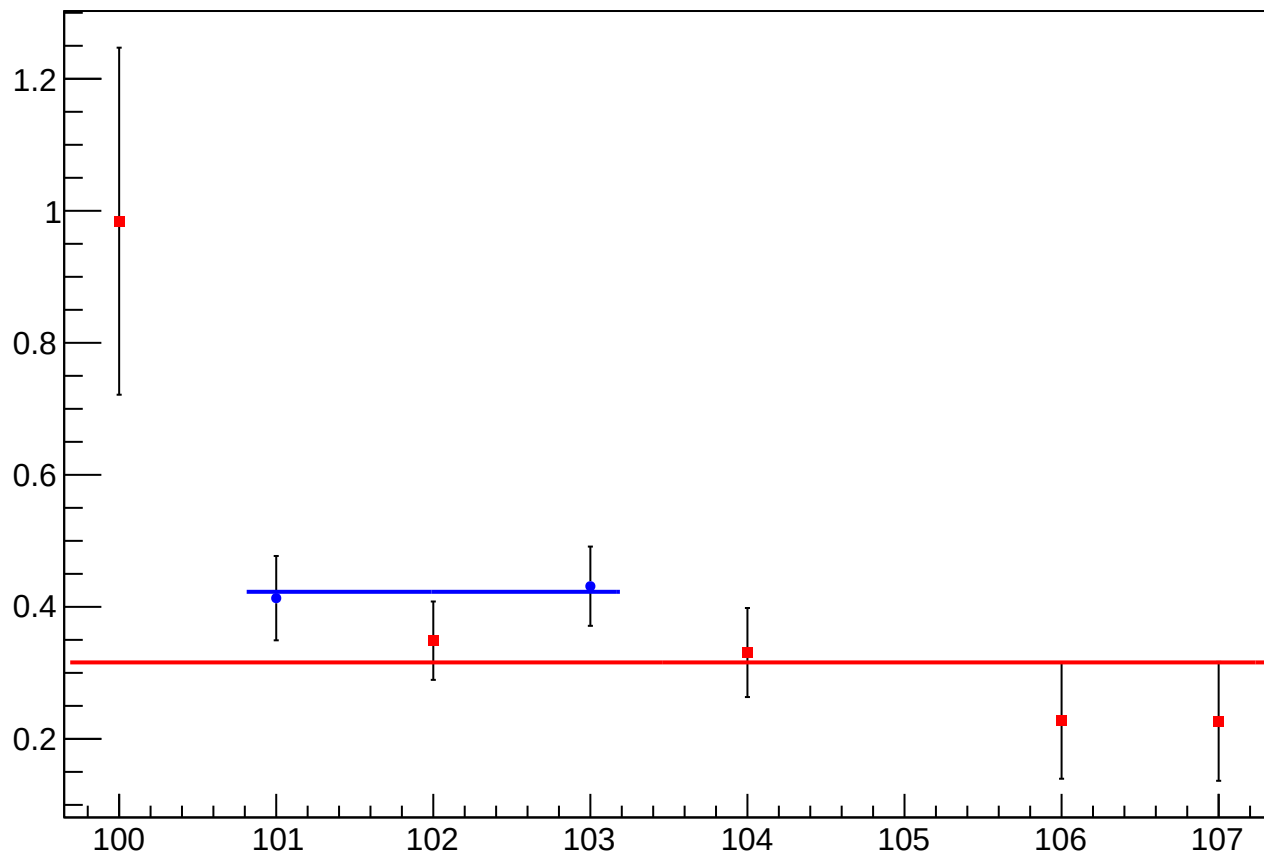
Right: 30.547 ± 0.766 $\chi^2/\text{NDF}: 614.9/6$

In: 26.976 ± 1.210 $\chi^2/\text{NDF}: 200.7/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 30.547 ± 0.766 $\chi^2/\text{NDF}: 614.9/6$

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.423 $\pm$ 0.044 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.316 $\pm$ 0.036 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

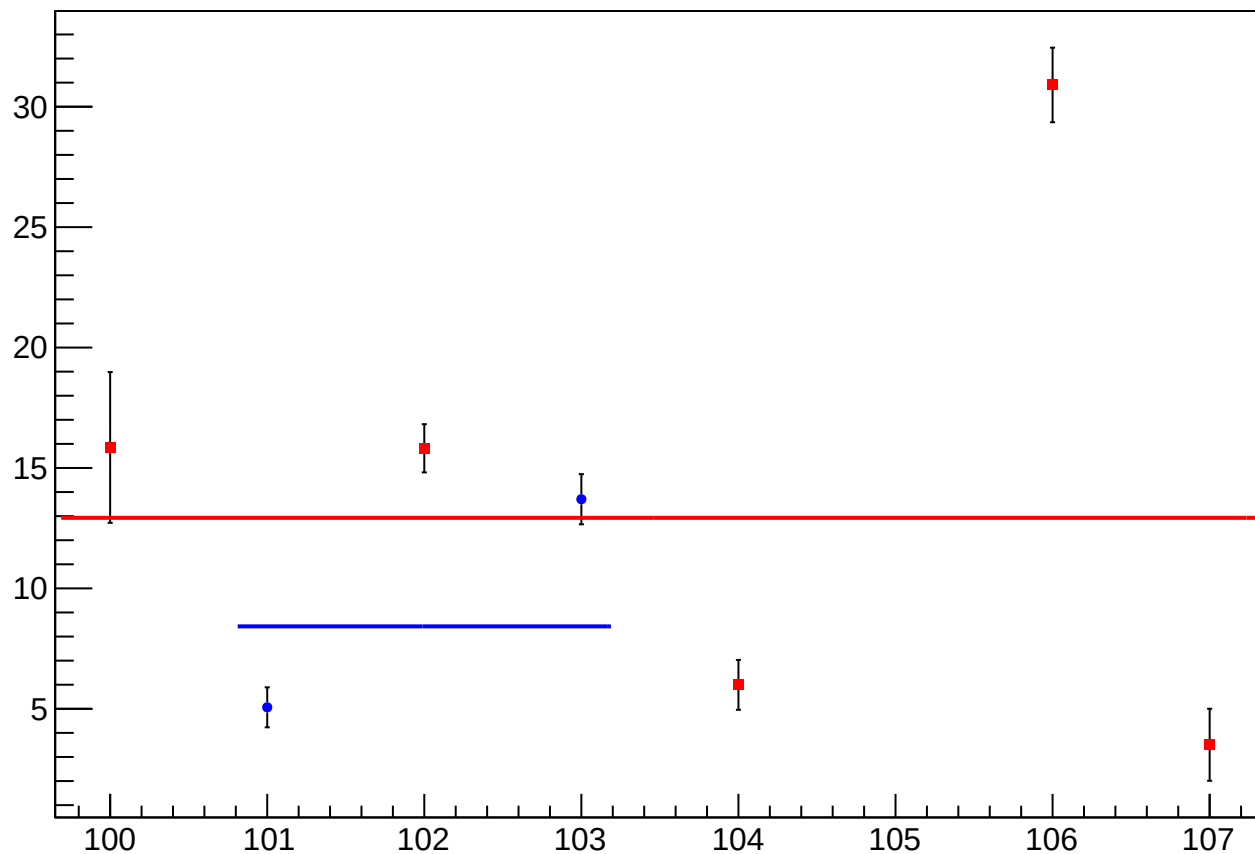
Right: 0.359 $\pm$ 0.028 χ^2 /NDF: 12.4/6

In: 0.423 $\pm$ 0.044 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.359 $\pm$ 0.028 χ^2 /NDF: 12.4/6

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 8.423+/-0.650 χ^2/NDF : 42.0/1

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

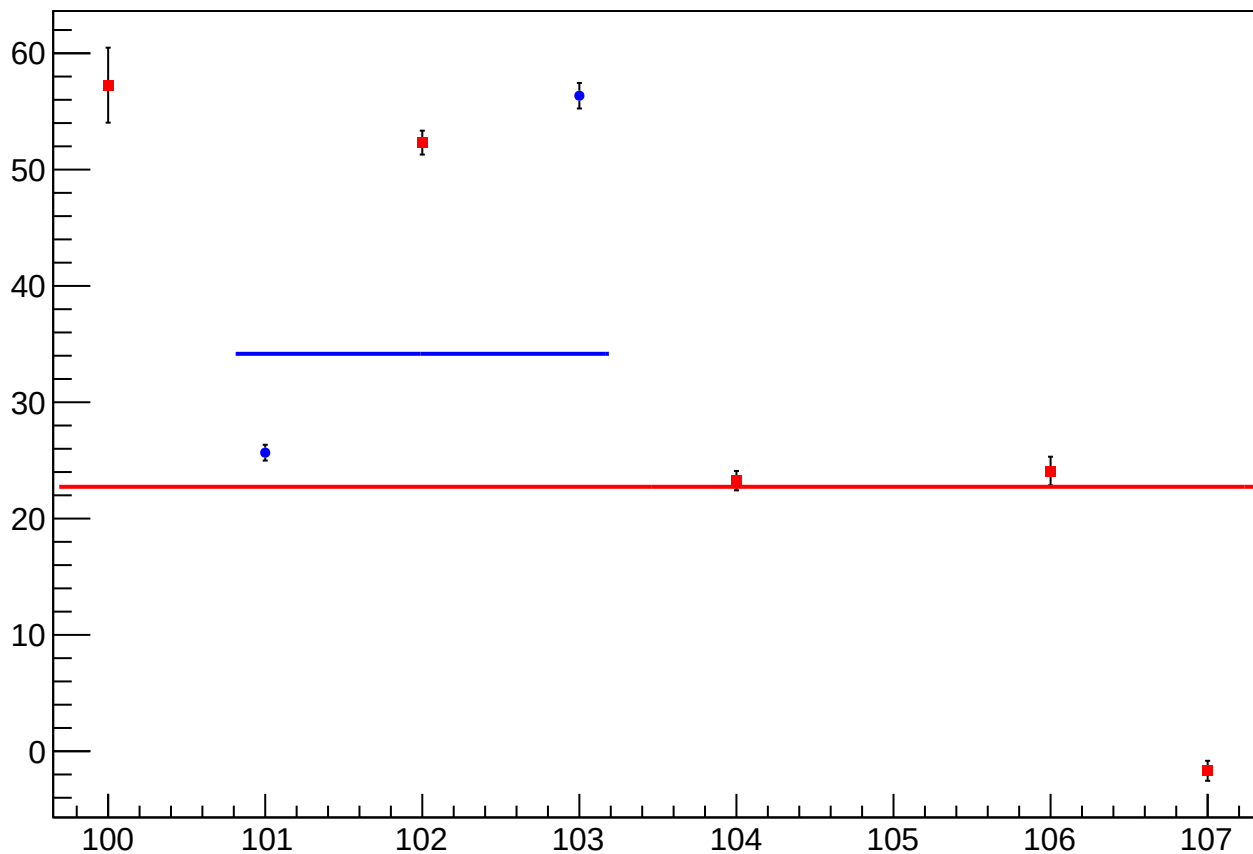
Right: 10.901+/-0.436 χ^2/NDF : 297.0/6

In: 8.423+/-0.650 χ^2/NDF : 42.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.901+/-0.436 χ^2/NDF : 297.0/6

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 34.165 $\pm$ 0.578 χ^2/NDF : 565.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 22.732 $\pm$ 0.472 χ^2/NDF : 1752.2/4

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

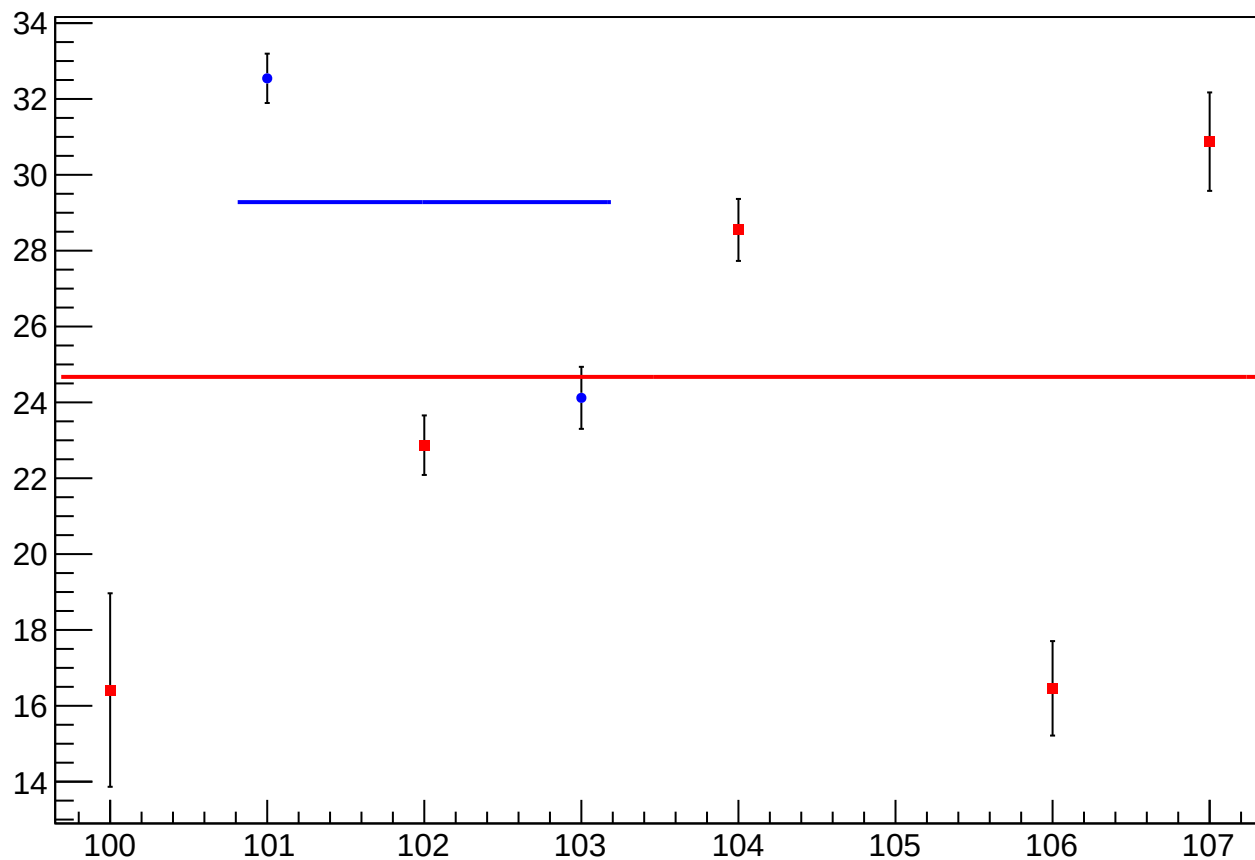
Right: 27.307 $\pm$ 0.365 χ^2/NDF : 2552.1/6

In: 34.165 $\pm$ 0.578 χ^2/NDF : 565.0/1

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 27.307 $\pm$ 0.365 χ^2/NDF : 2552.1/6

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.280+/-0.509 χ^2 /NDF: 65.0/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 24.672+/-0.471 χ^2 /NDF: 104.5/4

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

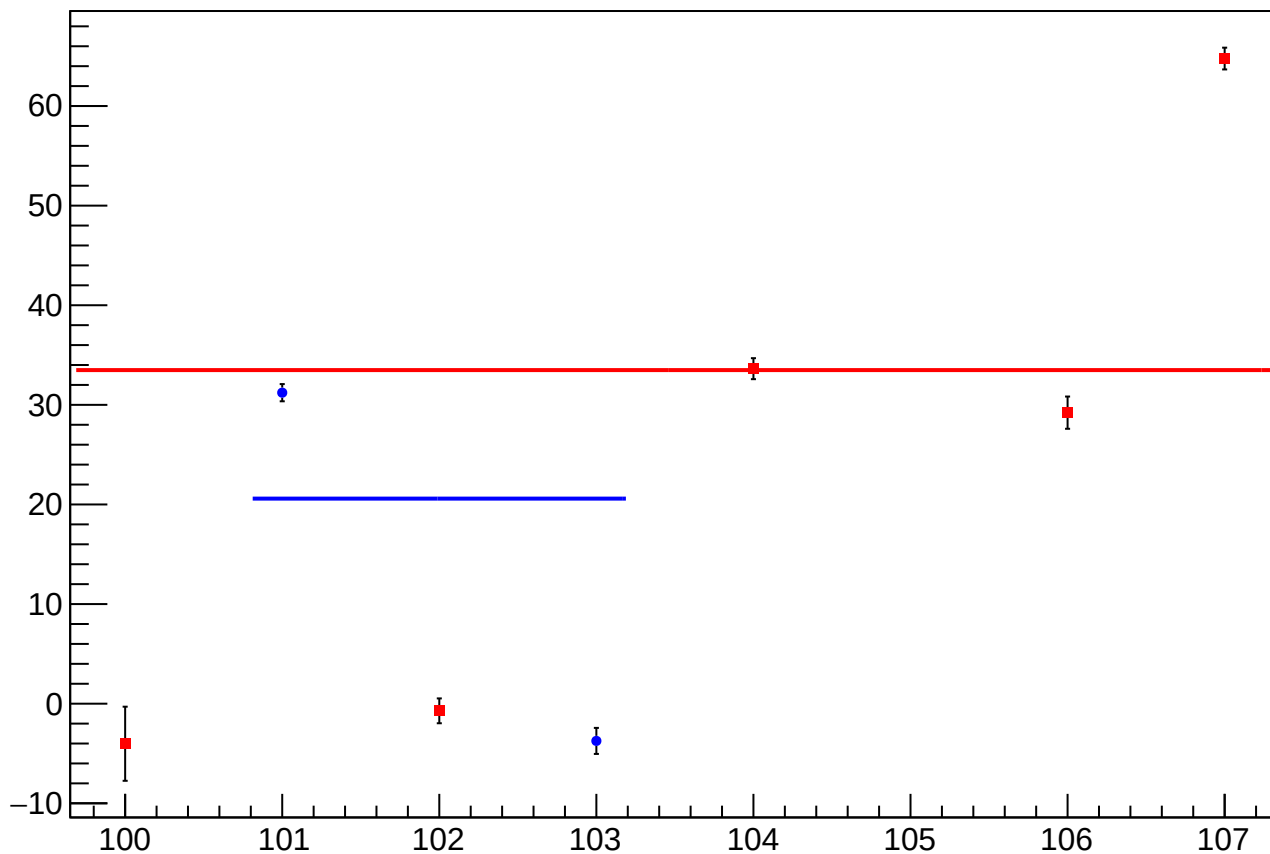
Right: 26.796+/-0.346 χ^2 /NDF: 213.7/6

In: 29.280+/-0.509 χ^2 /NDF: 65.0/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 26.796+/-0.346 χ^2 /NDF: 213.7/6

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.588+/-0.721 χ^2/NDF : 497.7/1

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

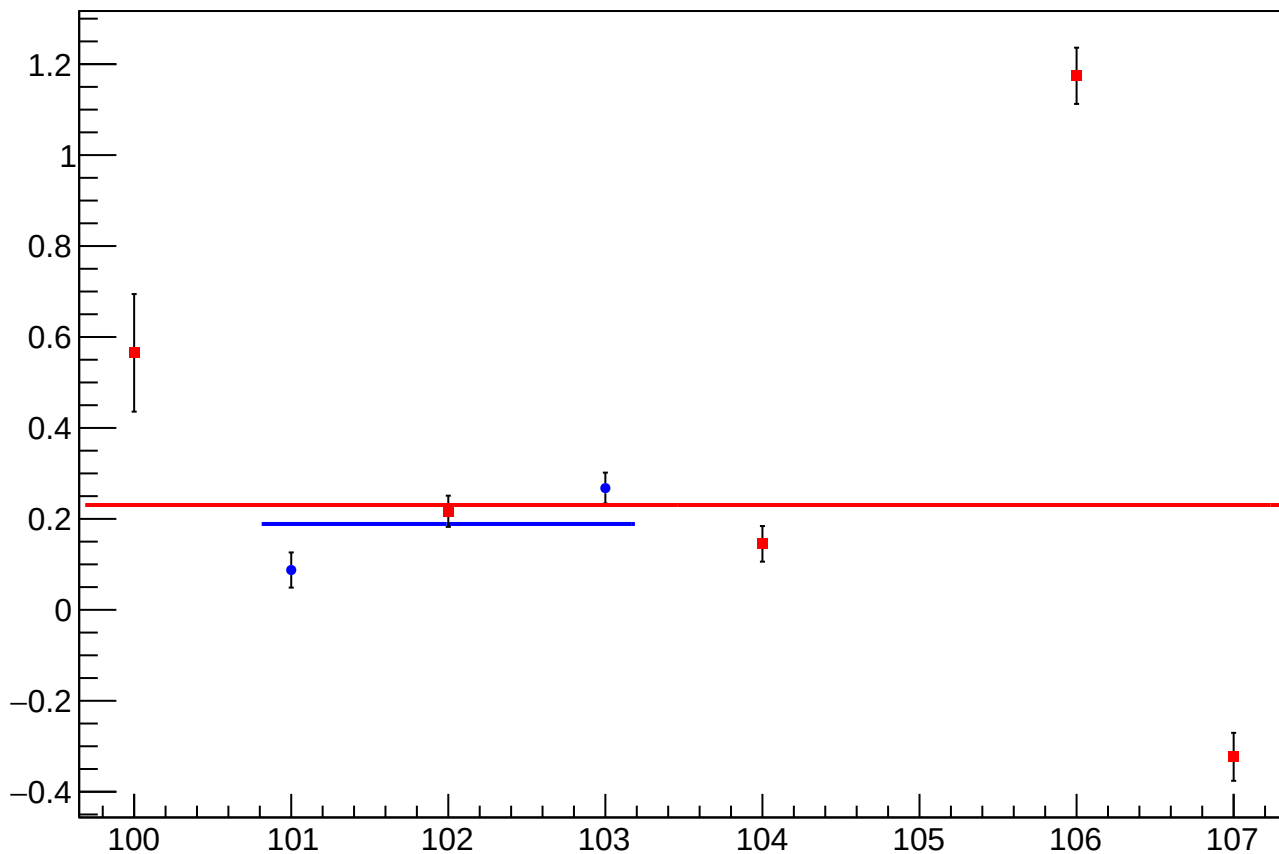
Right: 28.274+/-0.458 χ^2/NDF : 2368.9/6

In: 20.588+/-0.721 χ^2/NDF : 497.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.274+/-0.458 χ^2/NDF : 2368.9/6

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.189+/-0.026 χ^2/NDF : 12.2/1

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

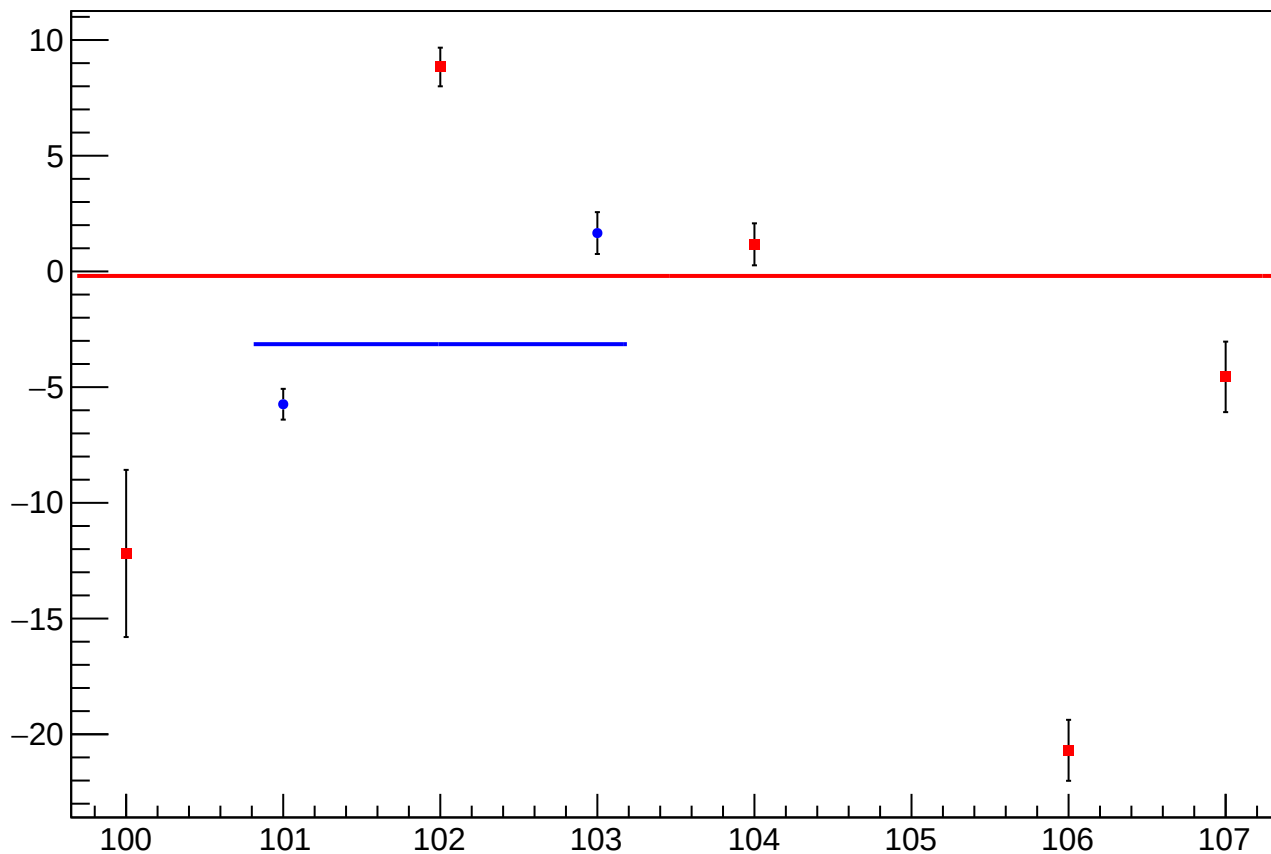
Right: 0.213+/-0.016 χ^2/NDF : 368.6/6

In: 0.189+/-0.026 χ^2/NDF : 12.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.213+/-0.016 χ^2/NDF : 368.6/6

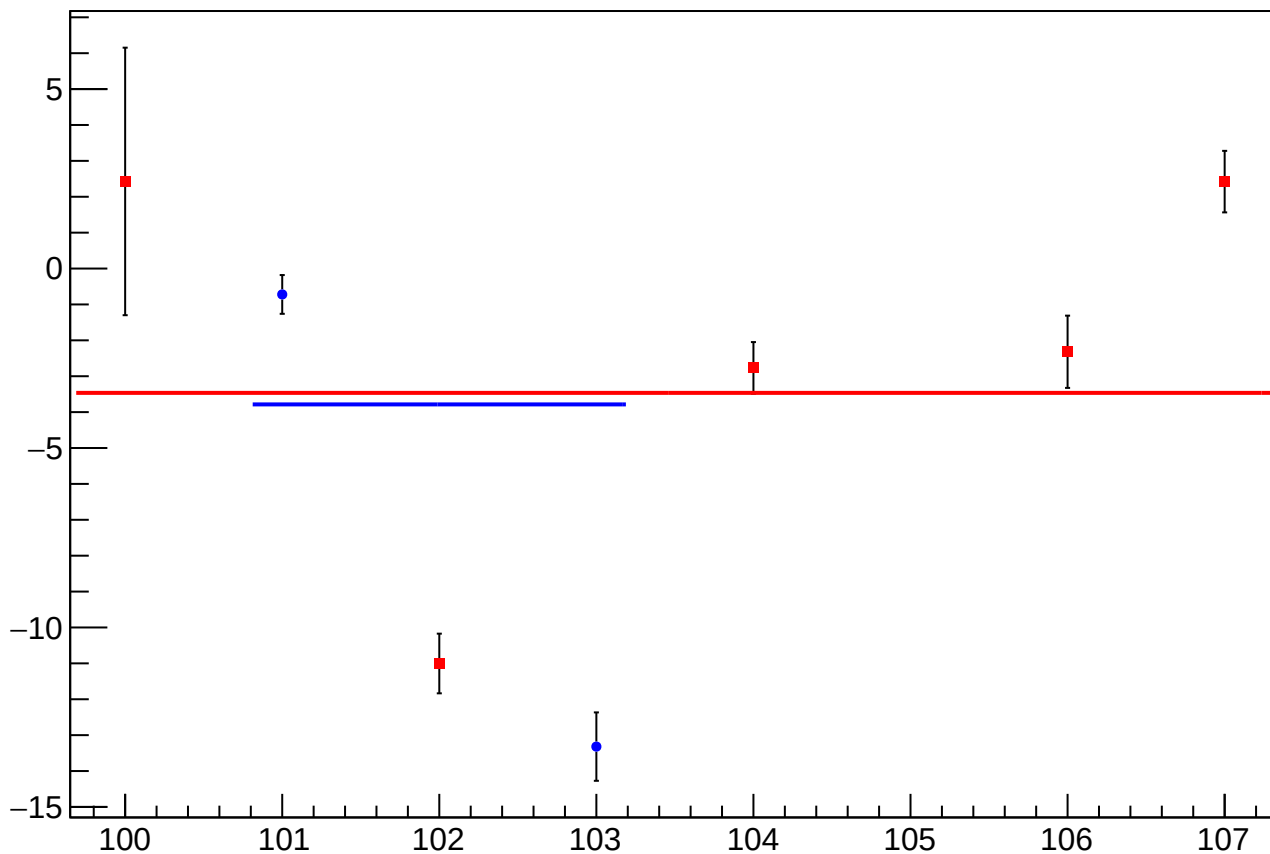
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.143+/-0.536 χ^2 /NDF: 43.4/1
 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: -1.618+/-0.372 χ^2 /NDF: 439.7/6
 In: -3.143+/-0.536 χ^2 /NDF: 43.4/1
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: -1.618+/-0.372 χ^2 /NDF: 439.7/6

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.785+/-0.470 χ^2/NDF : 132.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.464+/-0.415 χ^2/NDF : 134.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

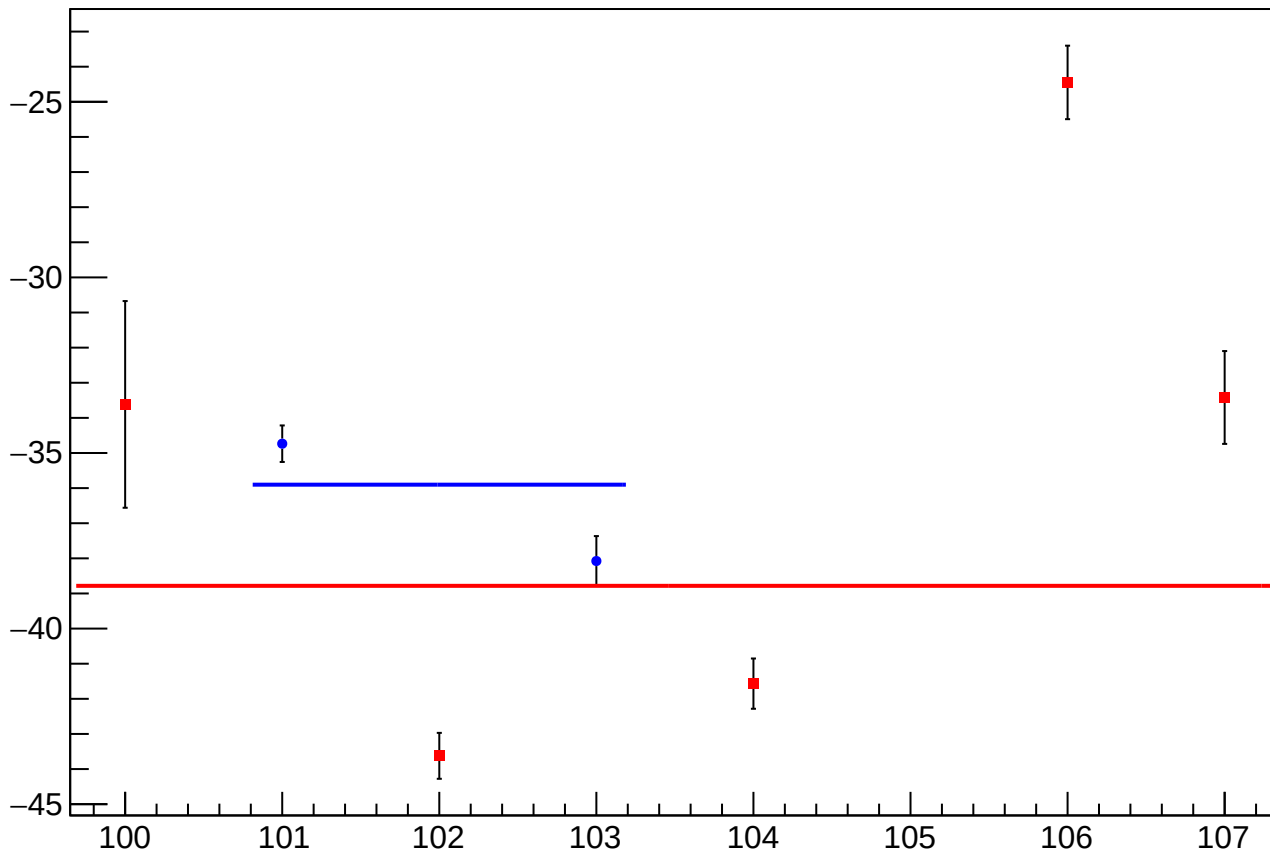
Right: -3.605+/-0.311 χ^2/NDF : 266.7/6

In: -3.785+/-0.470 χ^2/NDF : 132.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.605+/-0.311 χ^2/NDF : 266.7/6

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -35.902 $\pm$ 0.420 χ^2 /NDF: 14.4/1

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

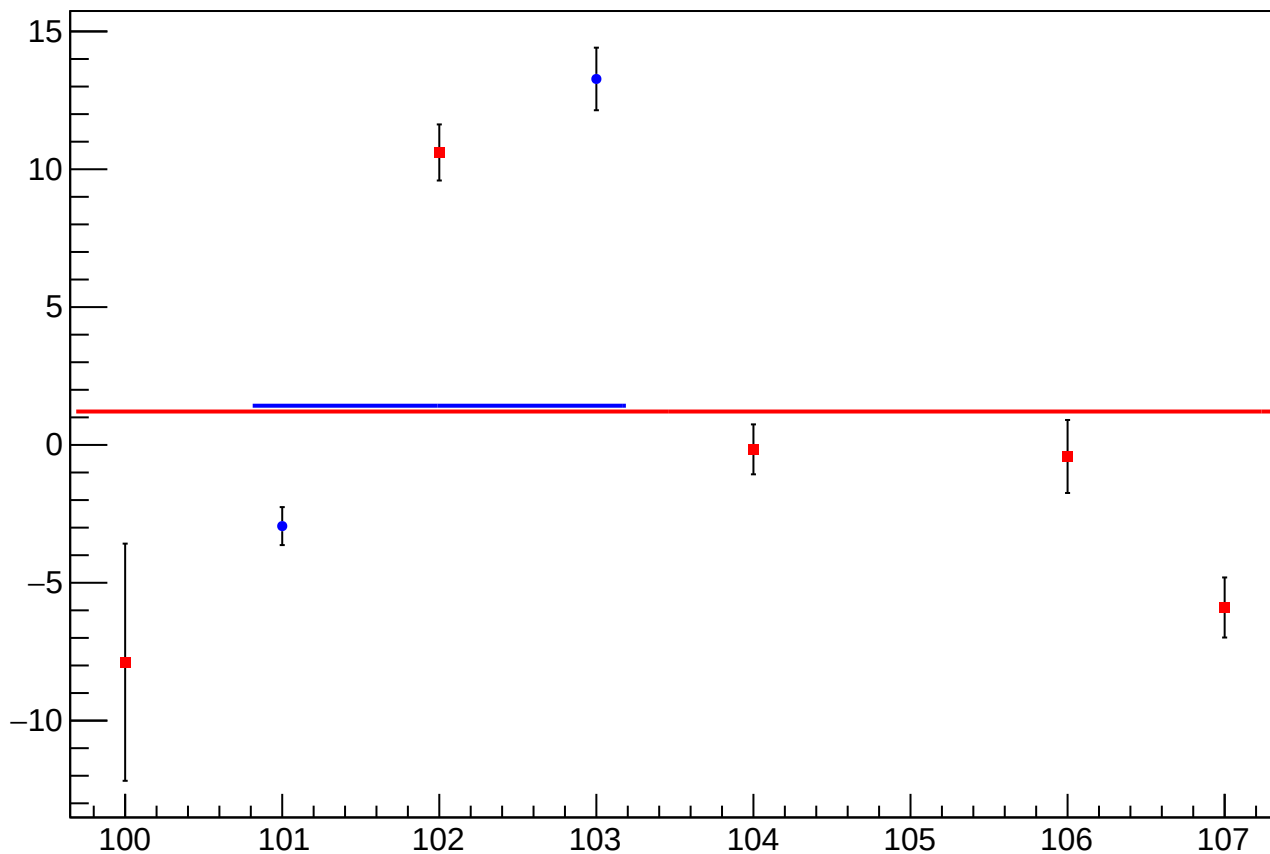
Right: -37.368 $\pm$ 0.294 χ^2 /NDF: 315.6/6

In: -35.902 $\pm$ 0.420 χ^2 /NDF: 14.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -37.368 $\pm$ 0.294 χ^2 /NDF: 315.6/6

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.423+/-0.589 χ^2/NDF : 149.3/1

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

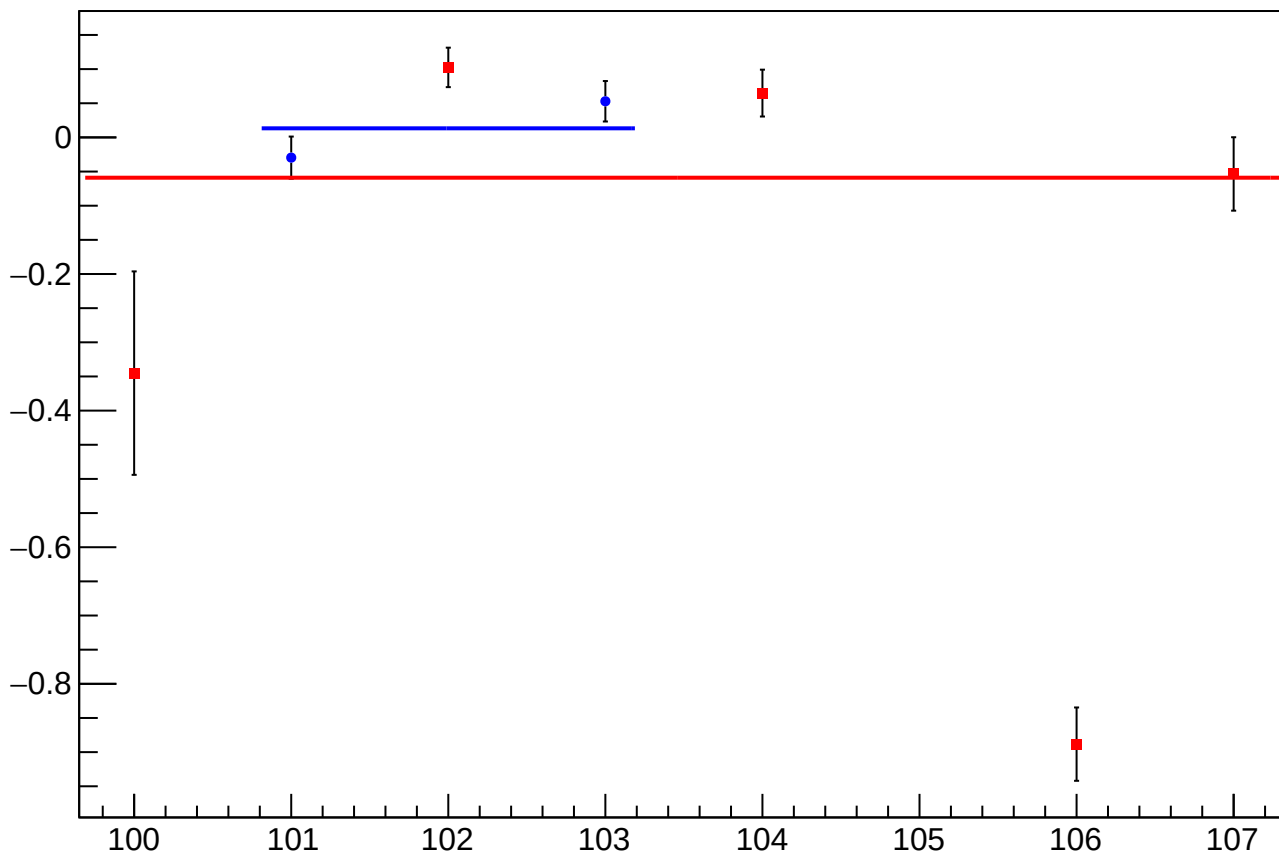
Right: 1.305+/-0.391 χ^2/NDF : 285.5/6

In: 1.423+/-0.589 χ^2/NDF : 149.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.305+/-0.391 χ^2/NDF : 285.5/6

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.013+/-0.021 χ^2/NDF : 3.7/1

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

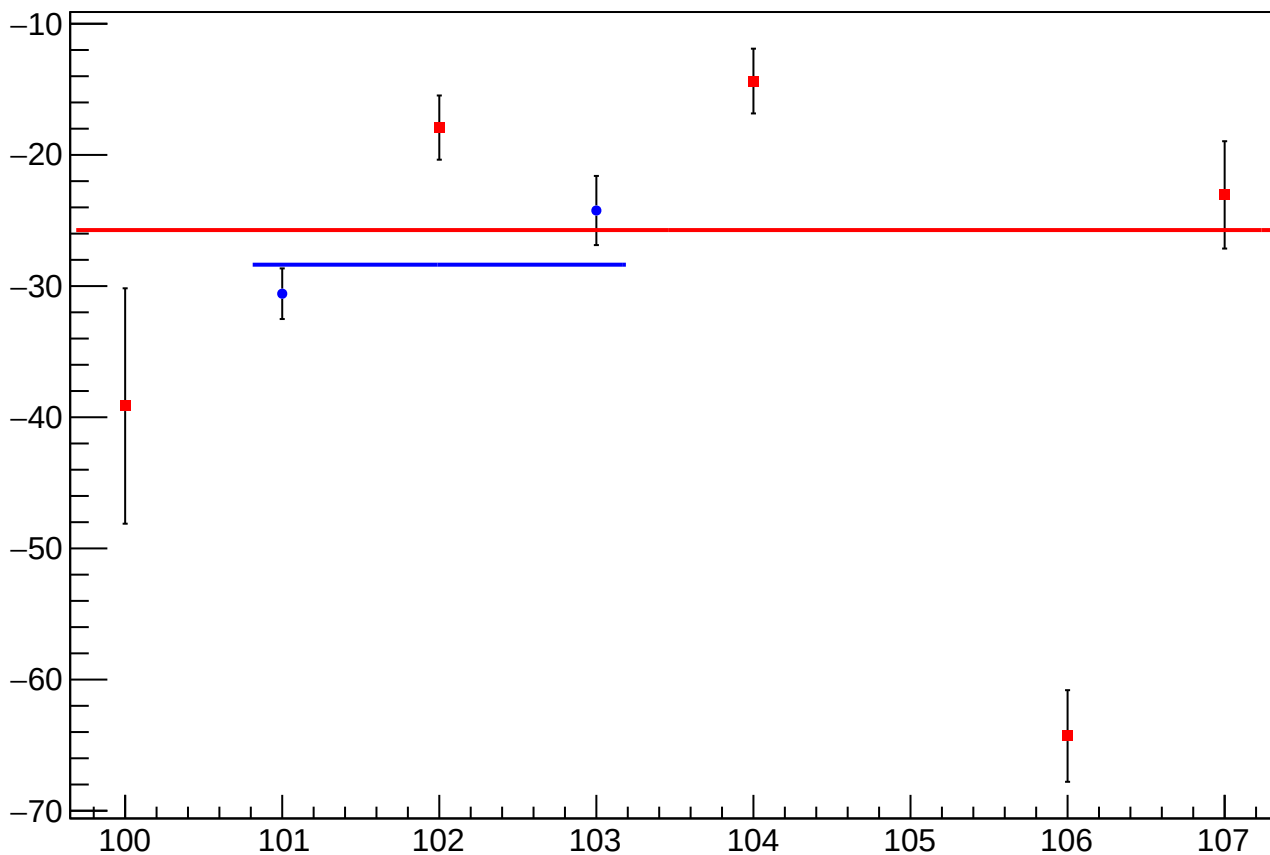
Right: -0.027+/-0.014 χ^2/NDF : 296.8/6

In: 0.013+/-0.021 χ^2/NDF : 3.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.027+/-0.014 χ^2/NDF : 296.8/6

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -28.369+/-1.557 χ^2/NDF : 3.8/1

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

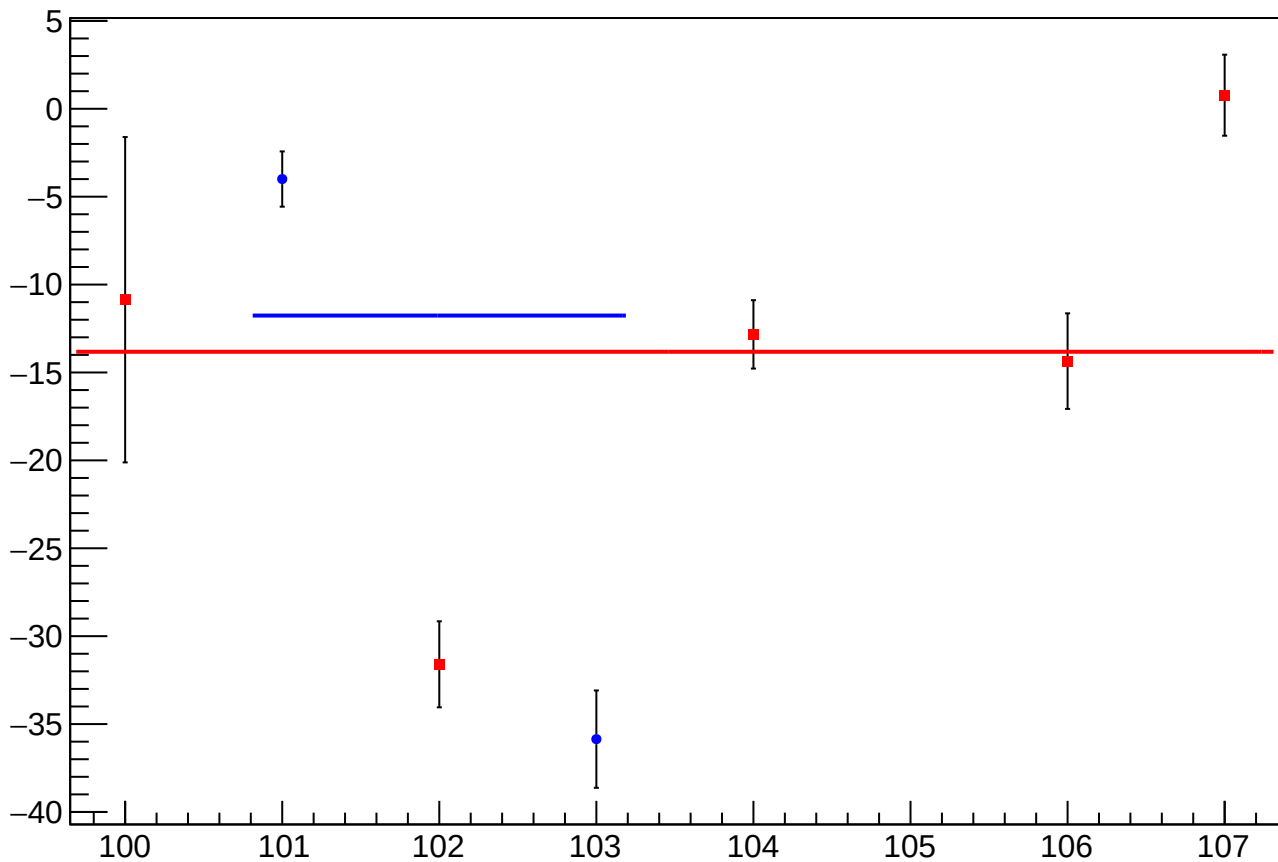
Right: -26.942+/-1.055 χ^2/NDF : 161.3/6

In: -28.369+/-1.557 χ^2/NDF : 3.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.942+/-1.055 χ^2/NDF : 161.3/6

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -11.762 ± 1.367 $\chi^2/\text{NDF}: 100.1/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -13.822 ± 1.142 $\chi^2/\text{NDF}: 93.3/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

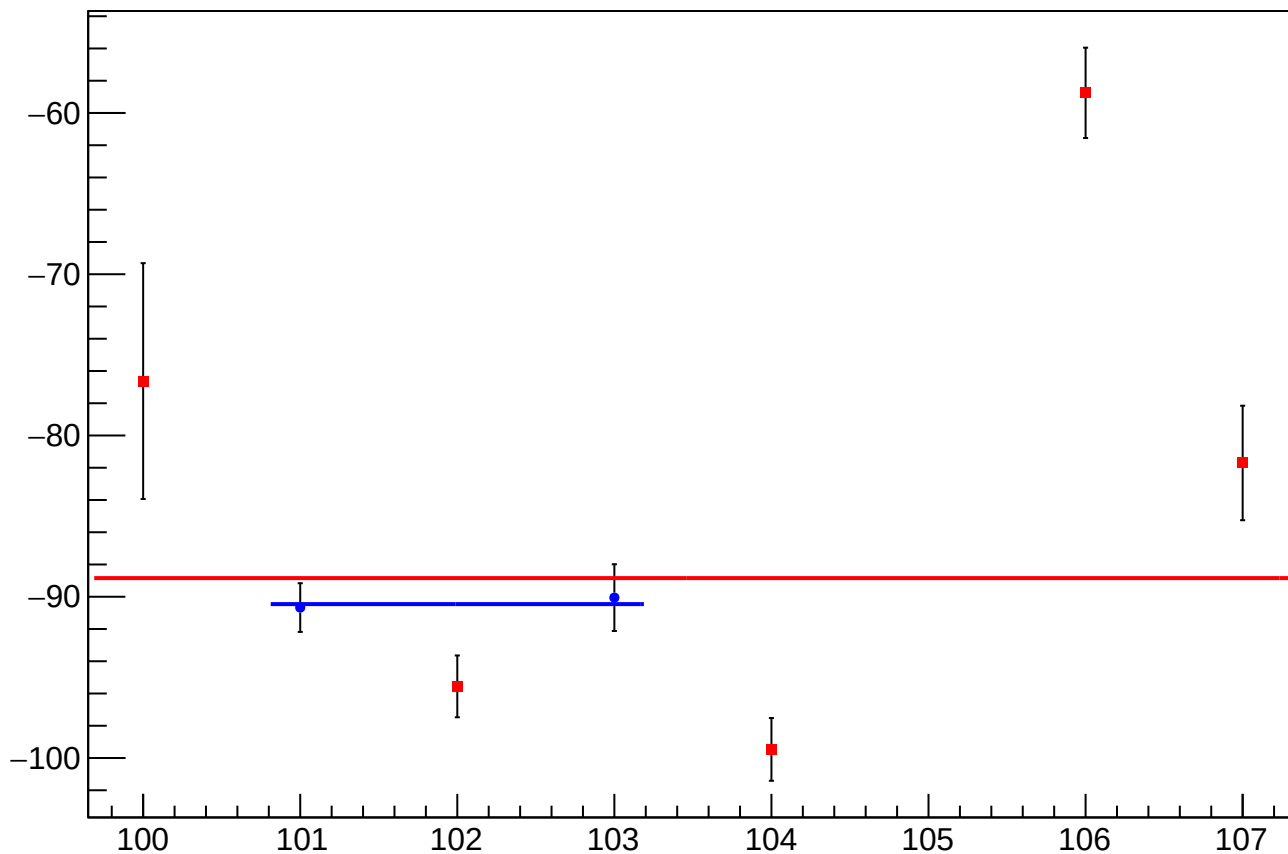
Right: -12.975 ± 0.876 $\chi^2/\text{NDF}: 194.8/6$

In: -11.762 ± 1.367 $\chi^2/\text{NDF}: 100.1/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -12.975 ± 0.876 $\chi^2/\text{NDF}: 194.8/6$

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -90.456+/-1.220 χ^2/NDF : 0.1/1

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

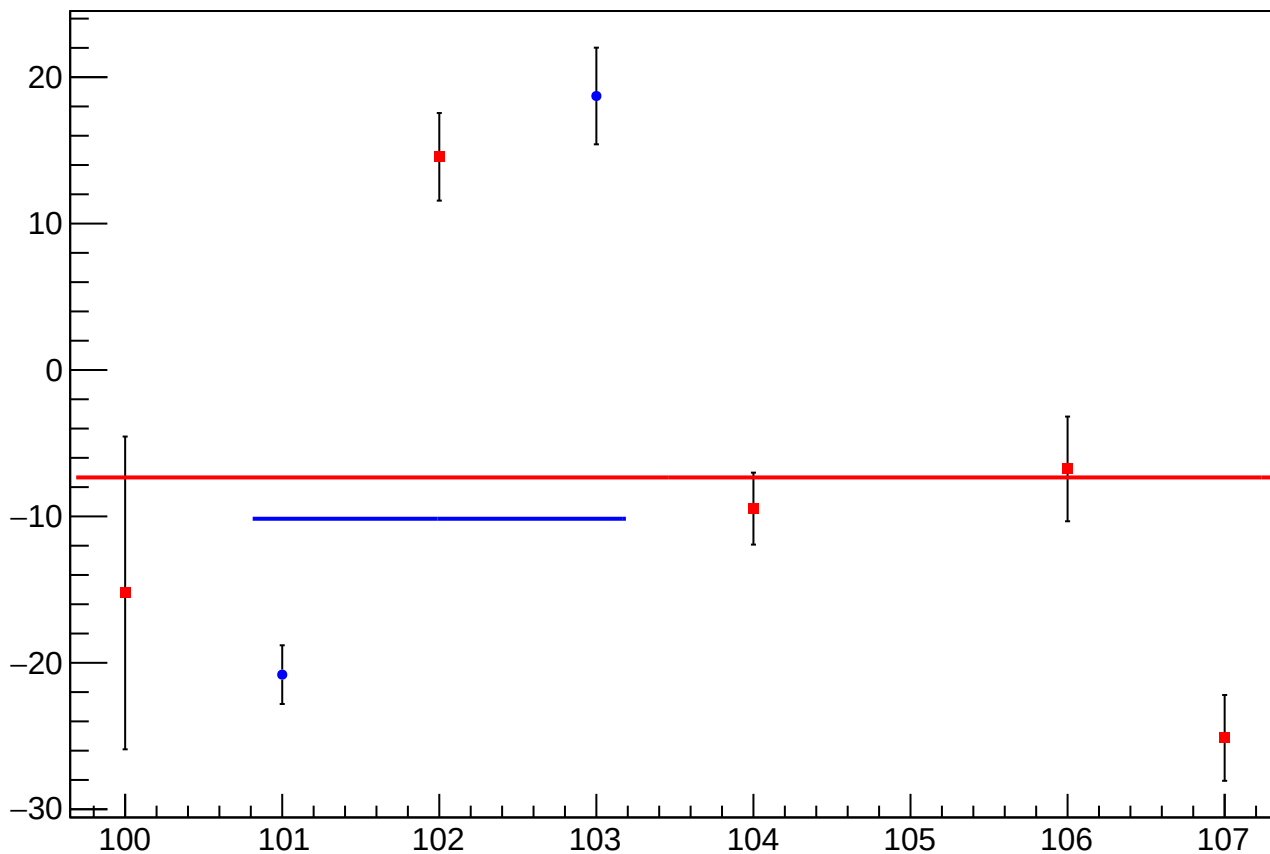
Right: -89.599+/-0.835 χ^2/NDF : 165.2/6

In: -90.456+/-1.220 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -89.599+/-0.835 χ^2/NDF : 165.2/6

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -10.160 $\pm$ 1.713 χ^2 /NDF: 104.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -7.338 $\pm$ 1.442 χ^2 /NDF: 91.8/4

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

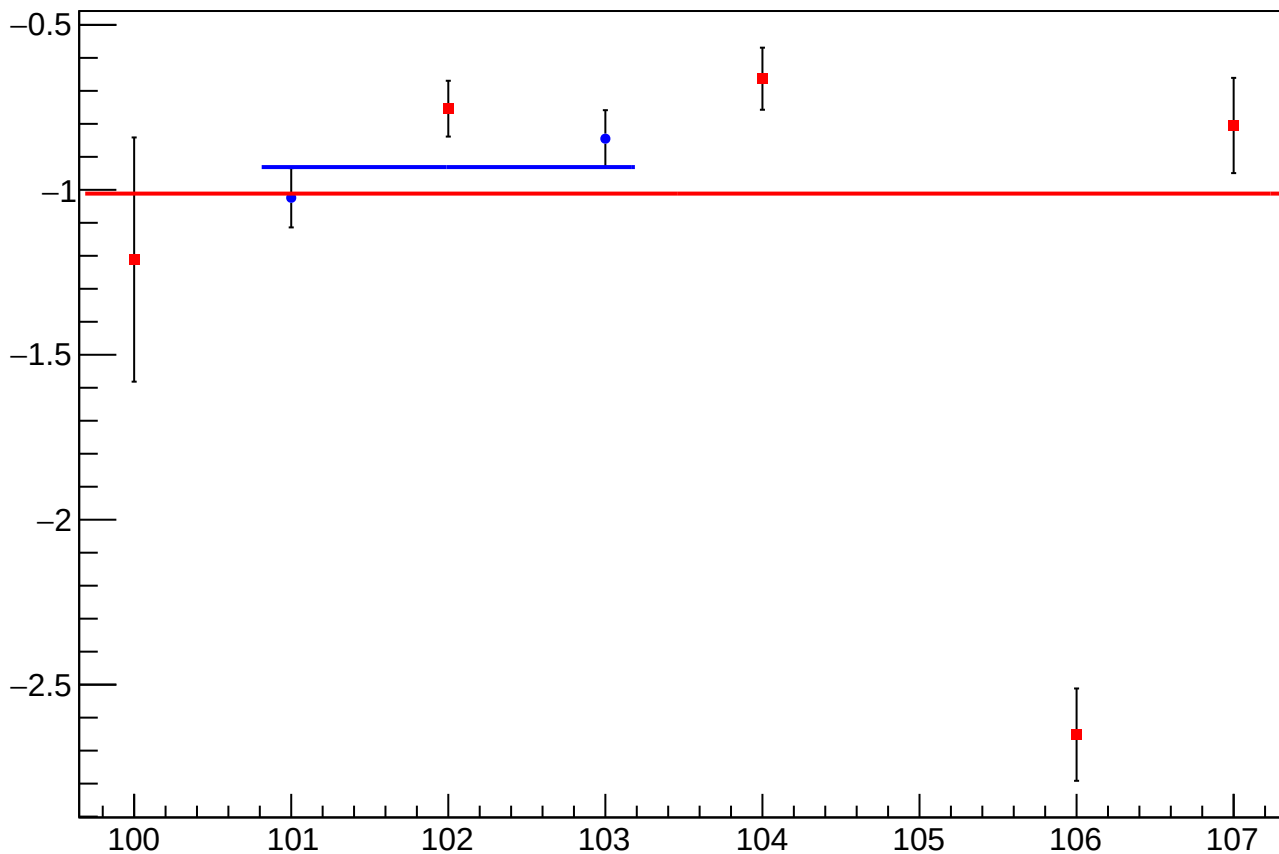
Right: -8.508 $\pm$ 1.103 χ^2 /NDF: 198.1/6

In: -10.160 $\pm$ 1.713 χ^2 /NDF:104.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -8.508 $\pm$ 1.103 χ^2 /NDF: 198.1/6

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.931+/-0.062 χ^2/NDF : 2.1/1

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

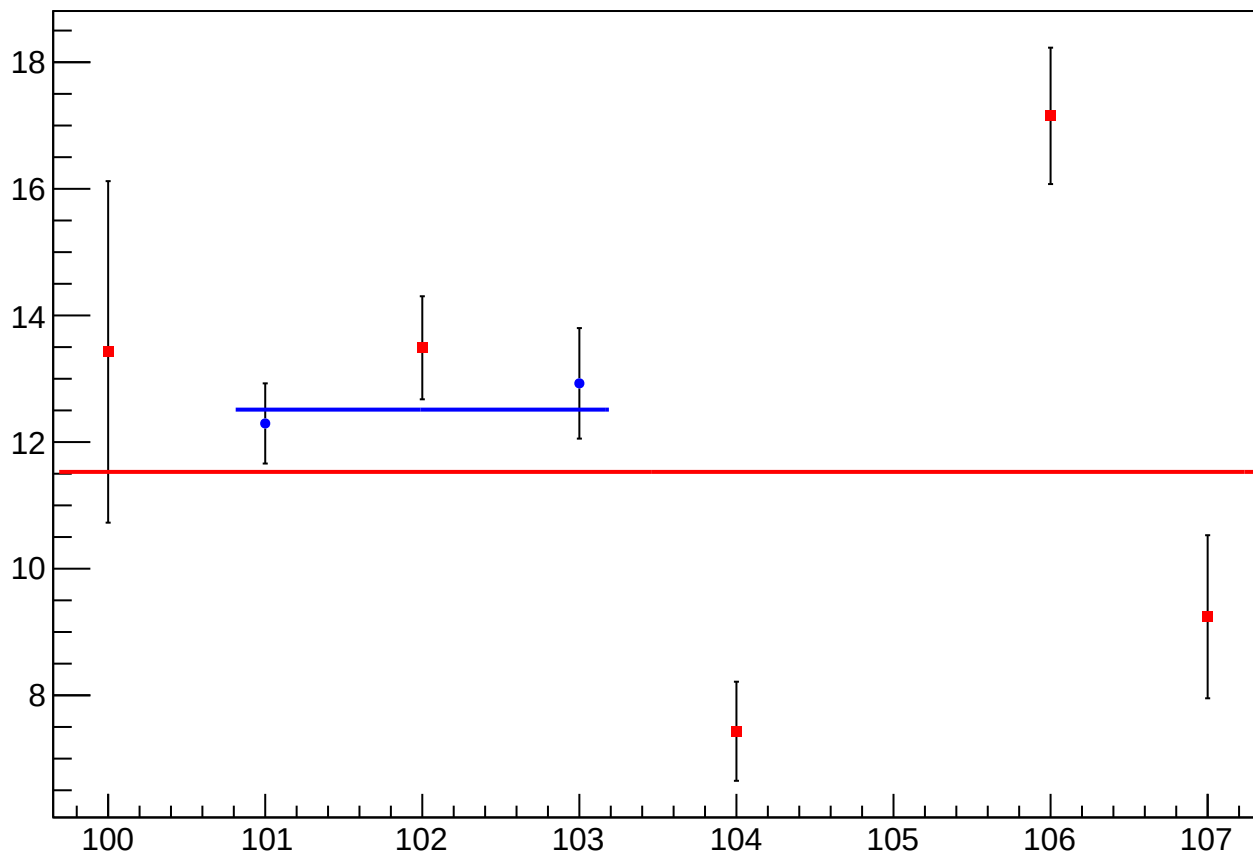
Right: -0.978+/-0.040 χ^2/NDF : 165.7/6

In: -0.931+/-0.062 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.978+/-0.040 χ^2/NDF : 165.7/6

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 12.513+/-0.513 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.529+/-0.459 χ^2/NDF : 64.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

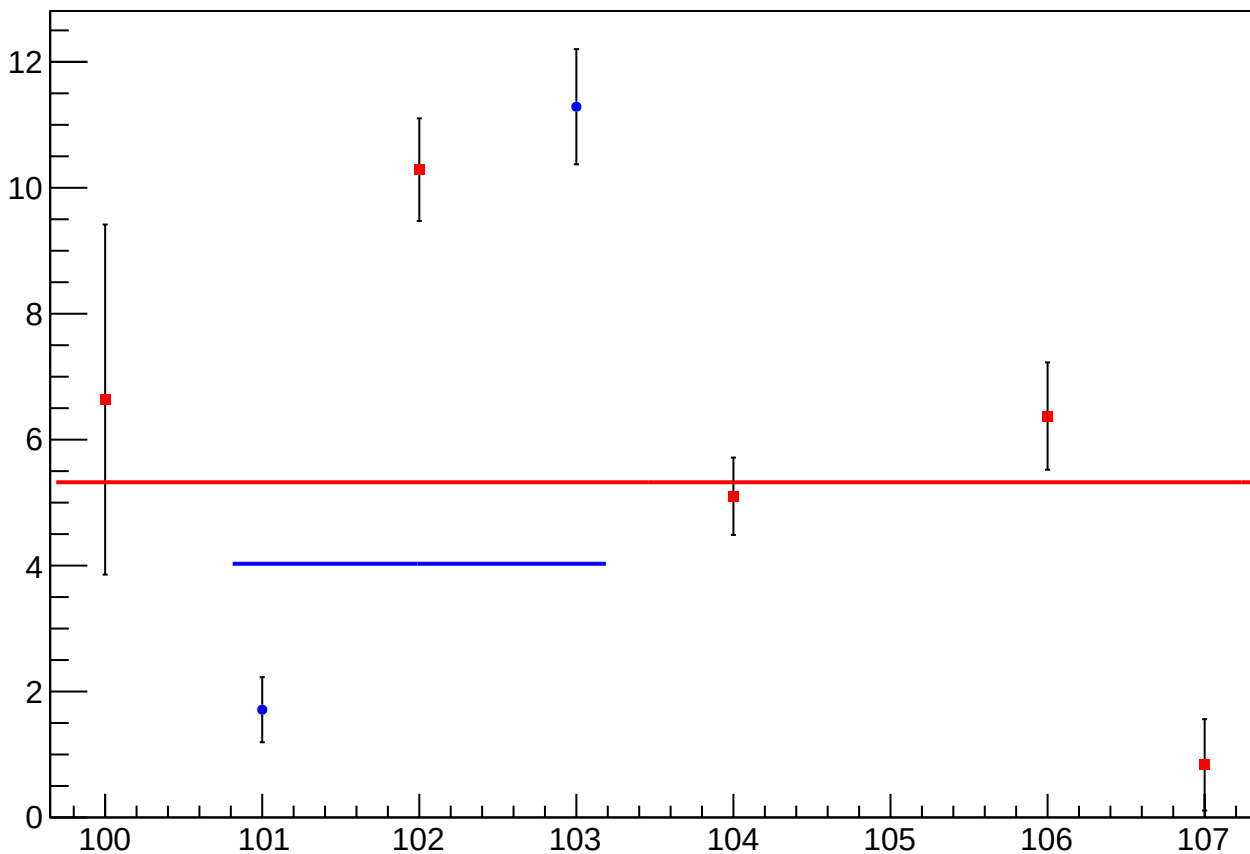
Right: 11.967+/-0.342 χ^2/NDF : 66.5/6

In: 12.513+/-0.513 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.967+/-0.342 χ^2/NDF : 66.5/6

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.029+/-0.450 χ^2/NDF : 83.0/1

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

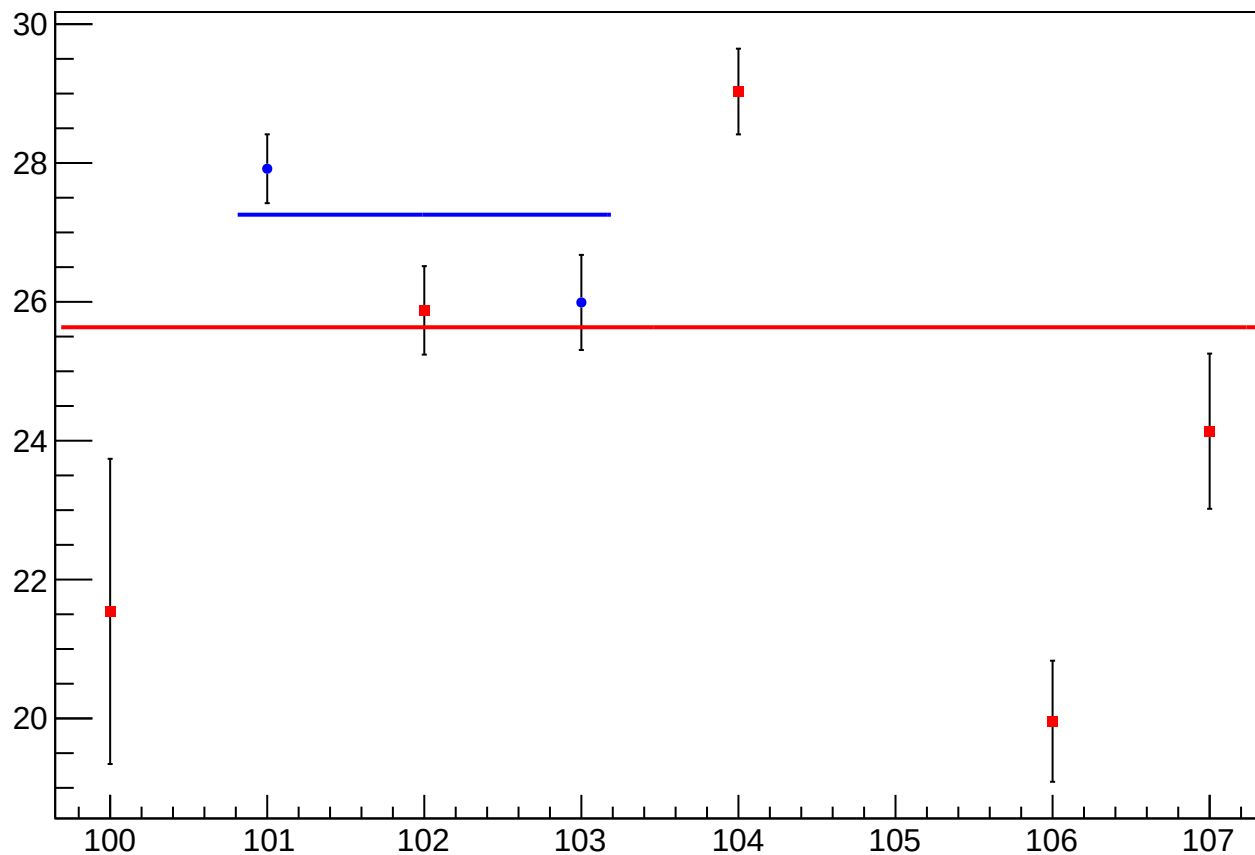
Right: 4.812+/-0.283 χ^2/NDF : 165.3/6

In: 4.029+/-0.450 χ^2/NDF : 83.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.812+/-0.283 χ^2/NDF : 165.3/6

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.256+/-0.402 χ^2/NDF : 5.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.634+/-0.367 χ^2/NDF : 78.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

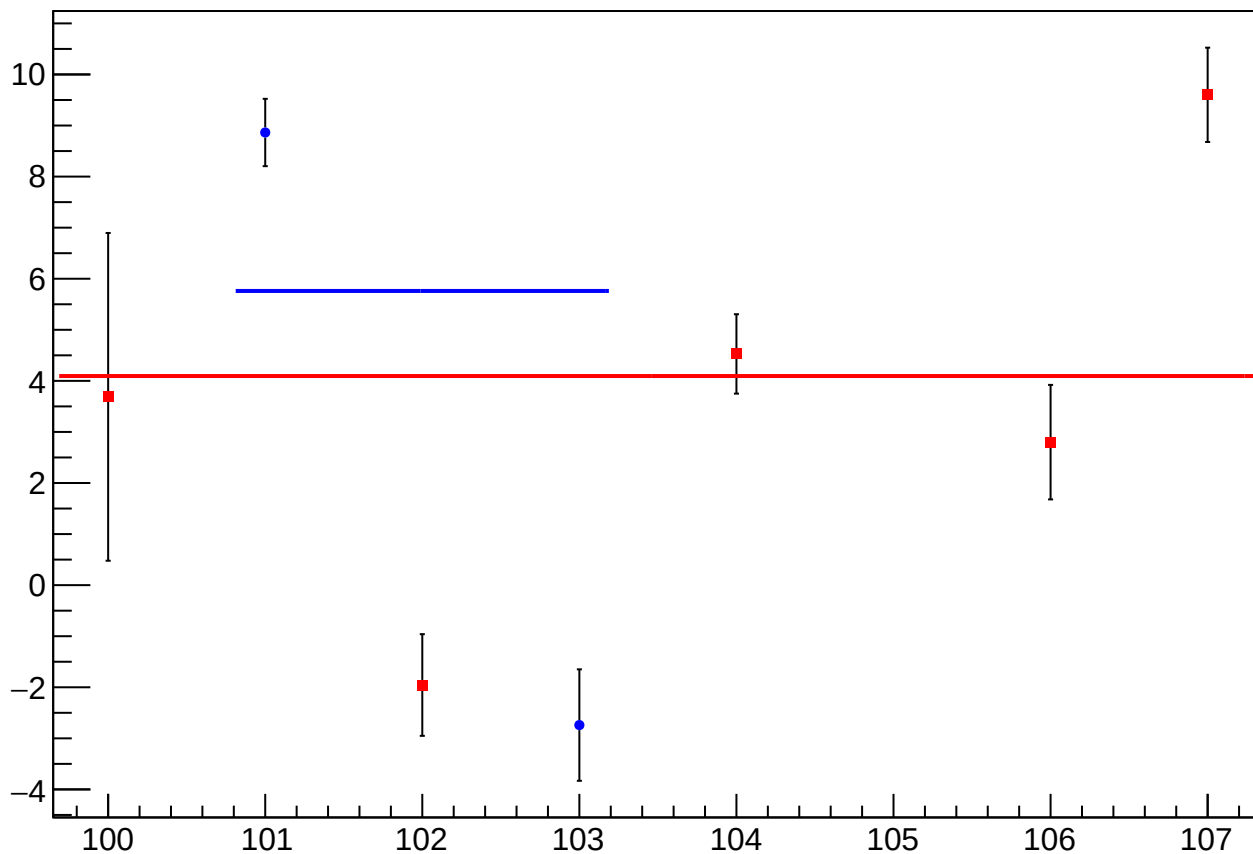
Right: 26.373+/-0.271 χ^2/NDF : 92.1/6

In: 27.256+/-0.402 χ^2/NDF : 5.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.373+/-0.271 χ^2/NDF : 92.1/6

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.761+/-0.564 χ^2/NDF : 82.8/1

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

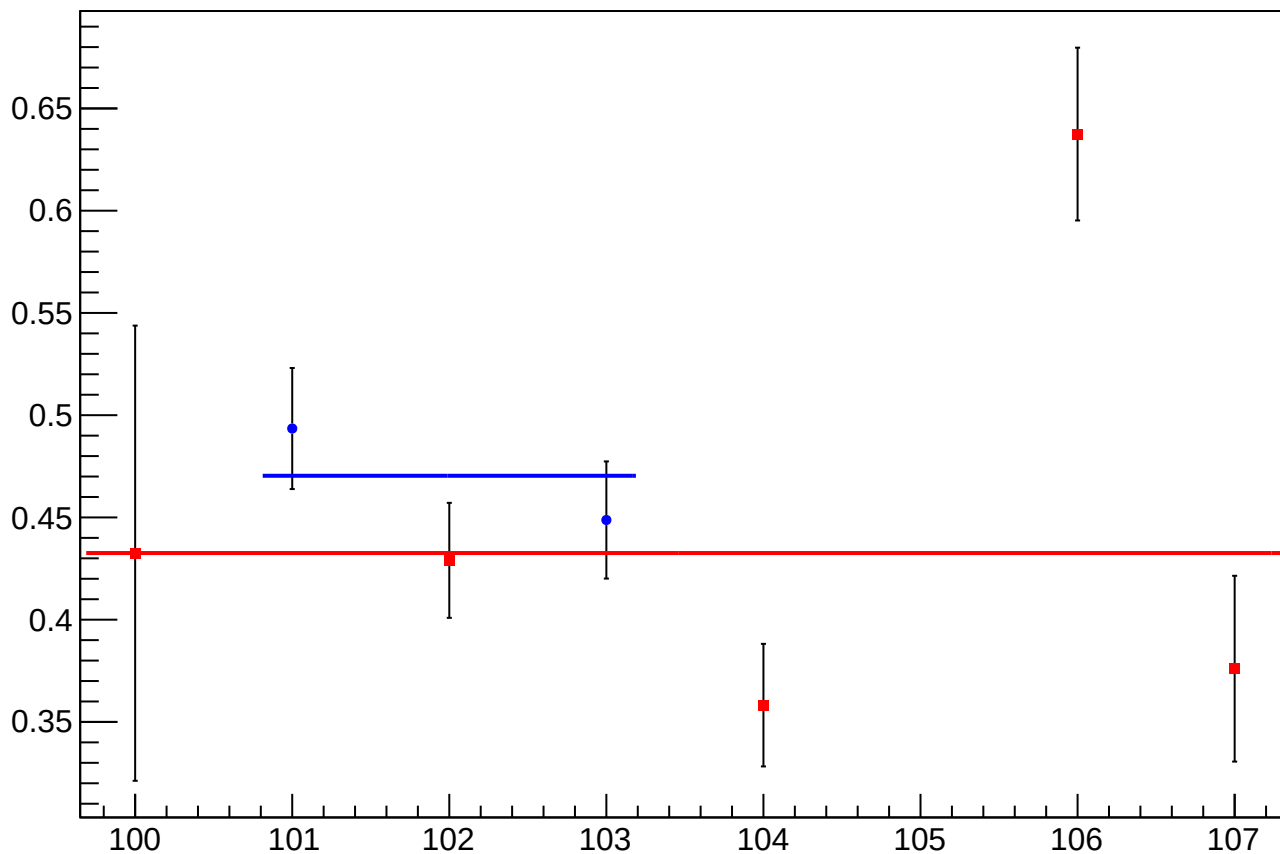
Right: 4.759+/-0.356 χ^2/NDF : 162.2/6

In: 5.761+/-0.564 χ^2/NDF : 82.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.759+/-0.356 χ^2/NDF : 162.2/6

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.470 $\pm$ 0.021 χ^2 /NDF: 1.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.433 $\pm$ 0.017 χ^2 /NDF: 31.2/4

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

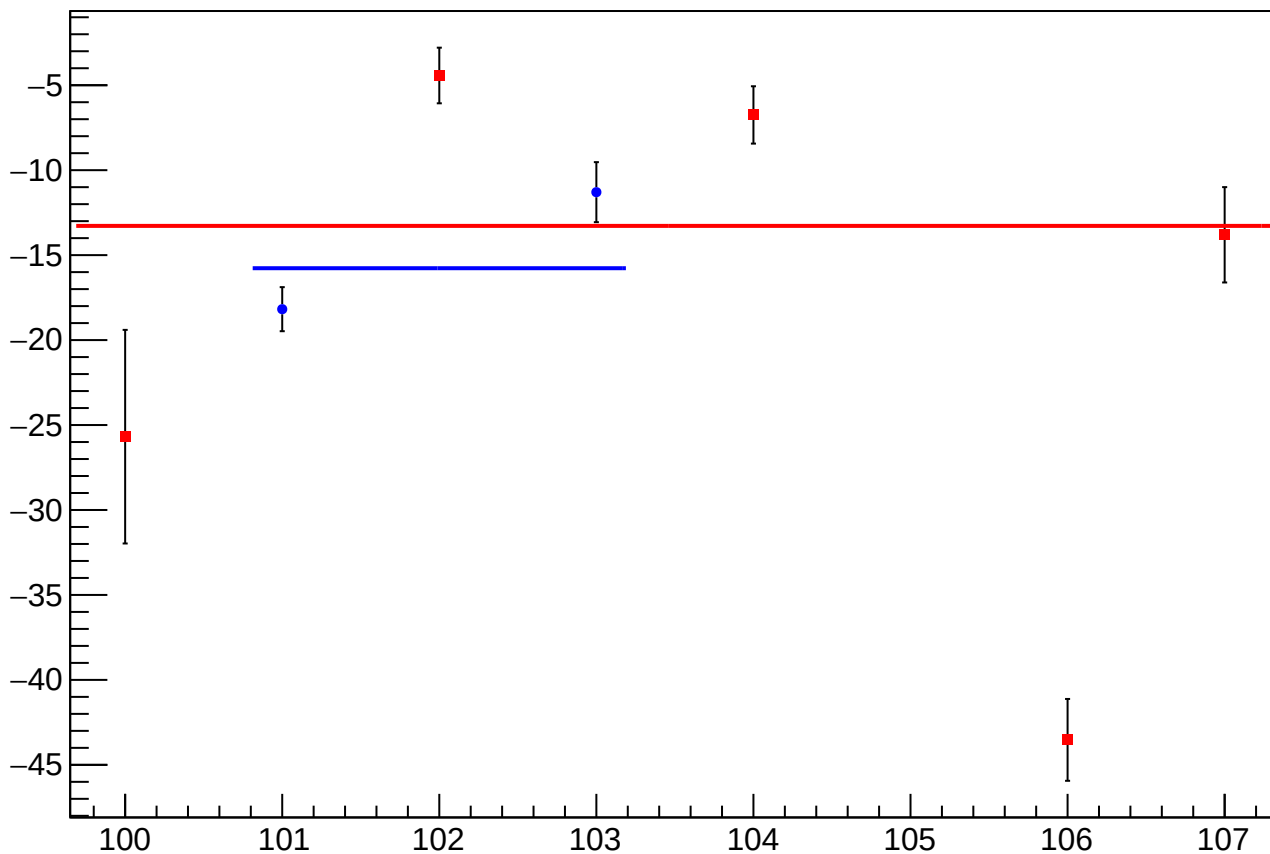
Right: 0.448 $\pm$ 0.013 χ^2 /NDF: 34.4/6

In: 0.470 $\pm$ 0.021 χ^2 /NDF:1.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.448 $\pm$ 0.013 χ^2 /NDF: 34.4/6

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -15.770 $\pm$ 1.045 χ^2 /NDF: 9.9/1

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

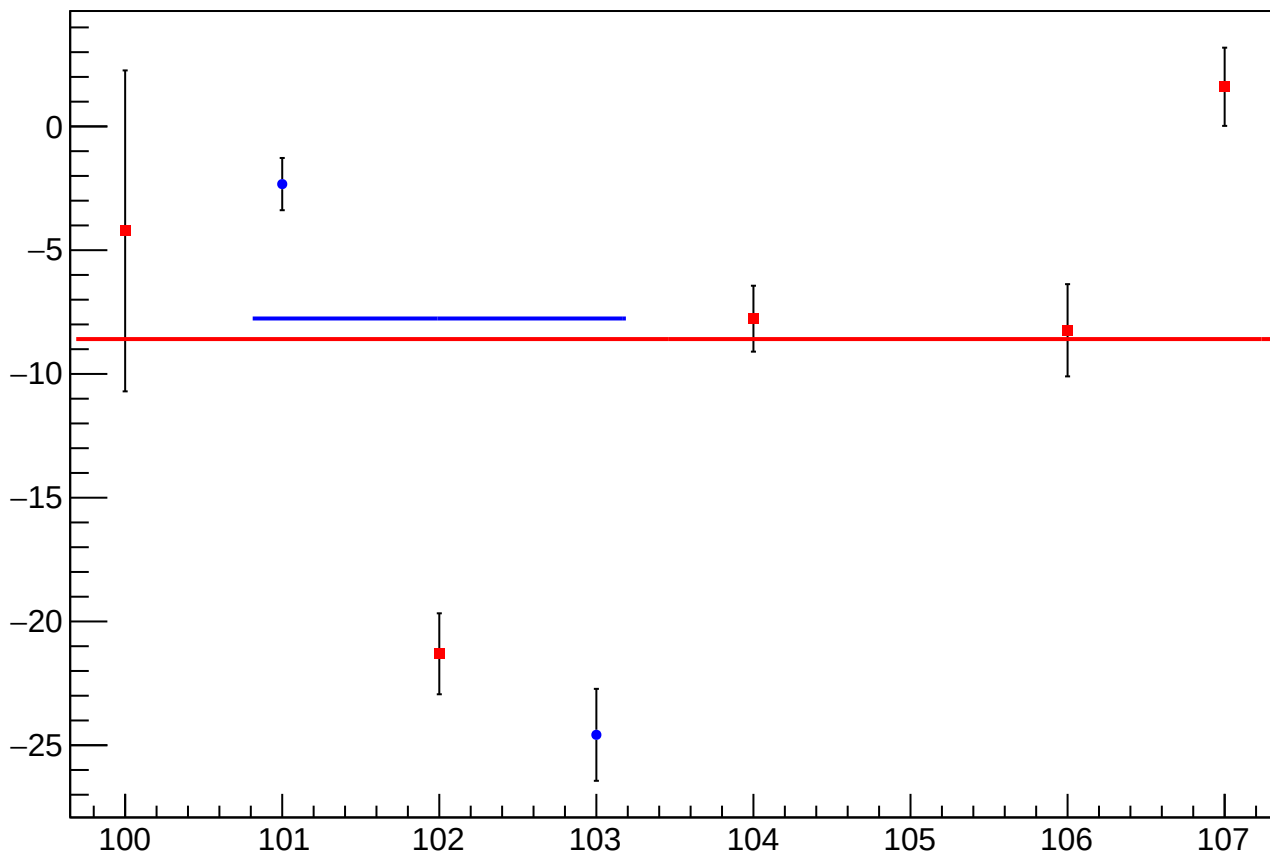
Right: -14.440 $\pm$ 0.714 χ^2 /NDF: 218.8/6

In: -15.770 $\pm$ 1.045 χ^2 /NDF:9.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -14.440 $\pm$ 0.714 χ^2 /NDF: 218.8/6

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.760 $\pm$ 0.918 χ^2 /NDF: 108.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -8.591 $\pm$ 0.778 χ^2 /NDF: 102.9/4

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

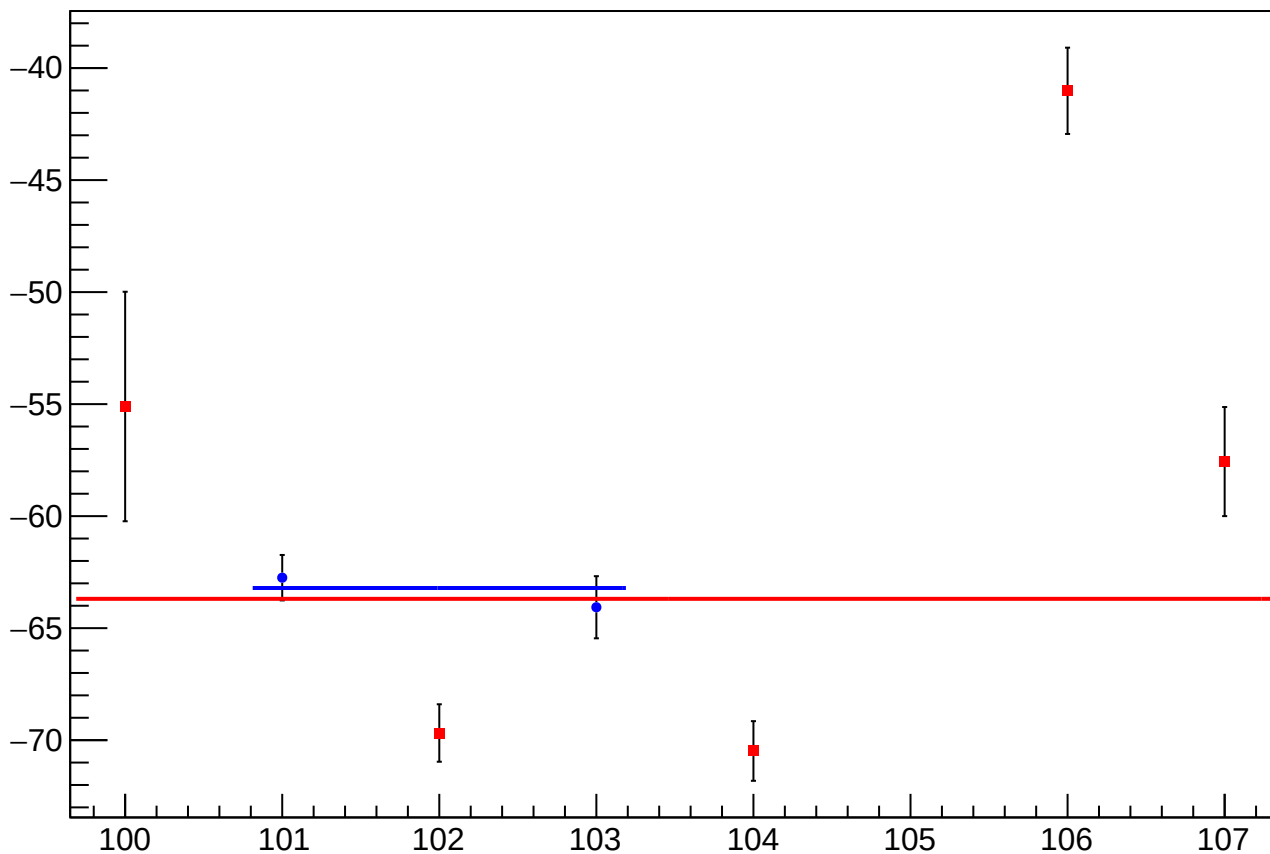
Right: -8.243 $\pm$ 0.594 χ^2 /NDF: 211.9/6

In: -7.760 $\pm$ 0.918 χ^2 /NDF:108.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -8.243 $\pm$ 0.594 χ^2 /NDF: 211.9/6

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -63.208 $\pm$ 0.819 χ^2 /NDF: 0.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -63.691 $\pm$ 0.779 χ^2 /NDF: 195.7/4

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

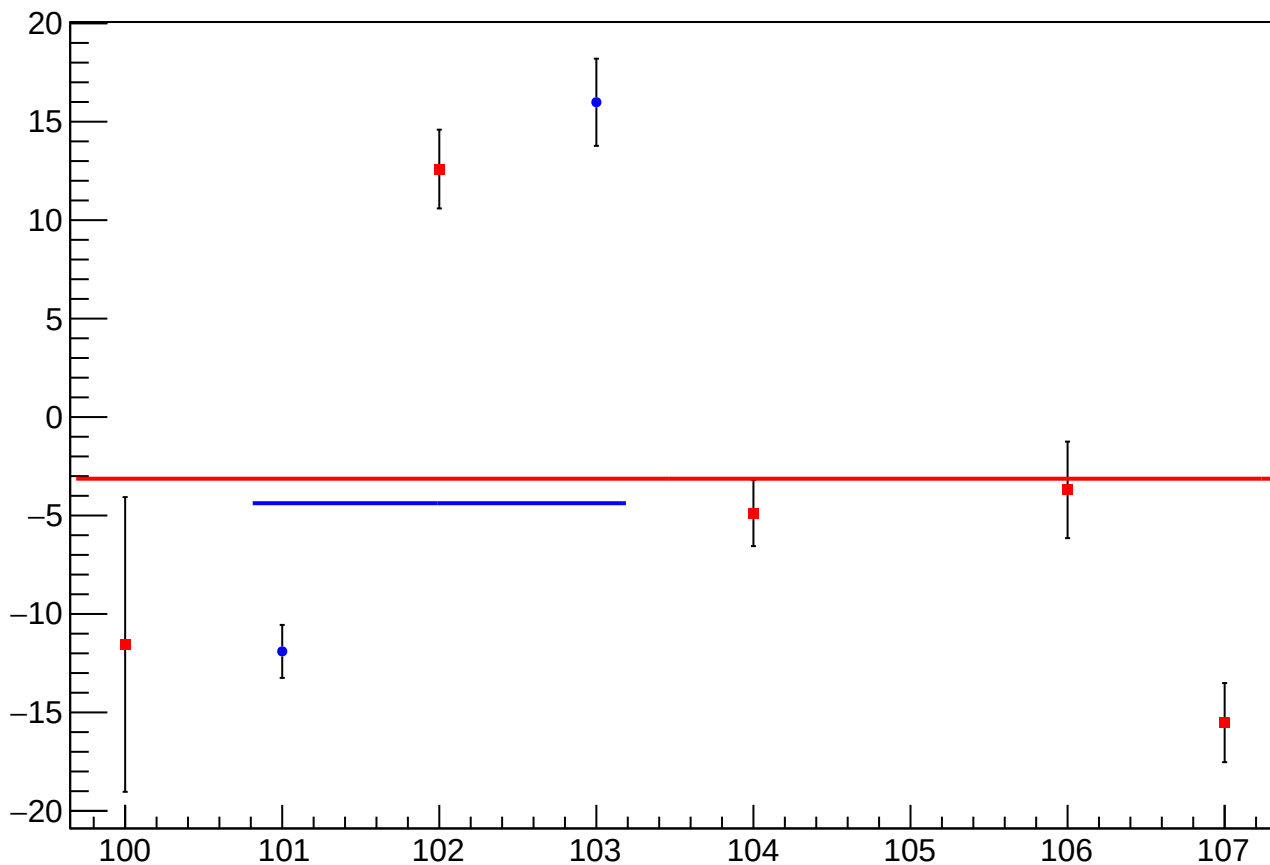
Right: -63.461 $\pm$ 0.564 χ^2 /NDF: 196.4/6

In: -63.208 $\pm$ 0.819 χ^2 /NDF:0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -63.461 $\pm$ 0.564 χ^2 /NDF: 196.4/6

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.375+/-1.150 χ^2 /NDF: 115.9/1

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

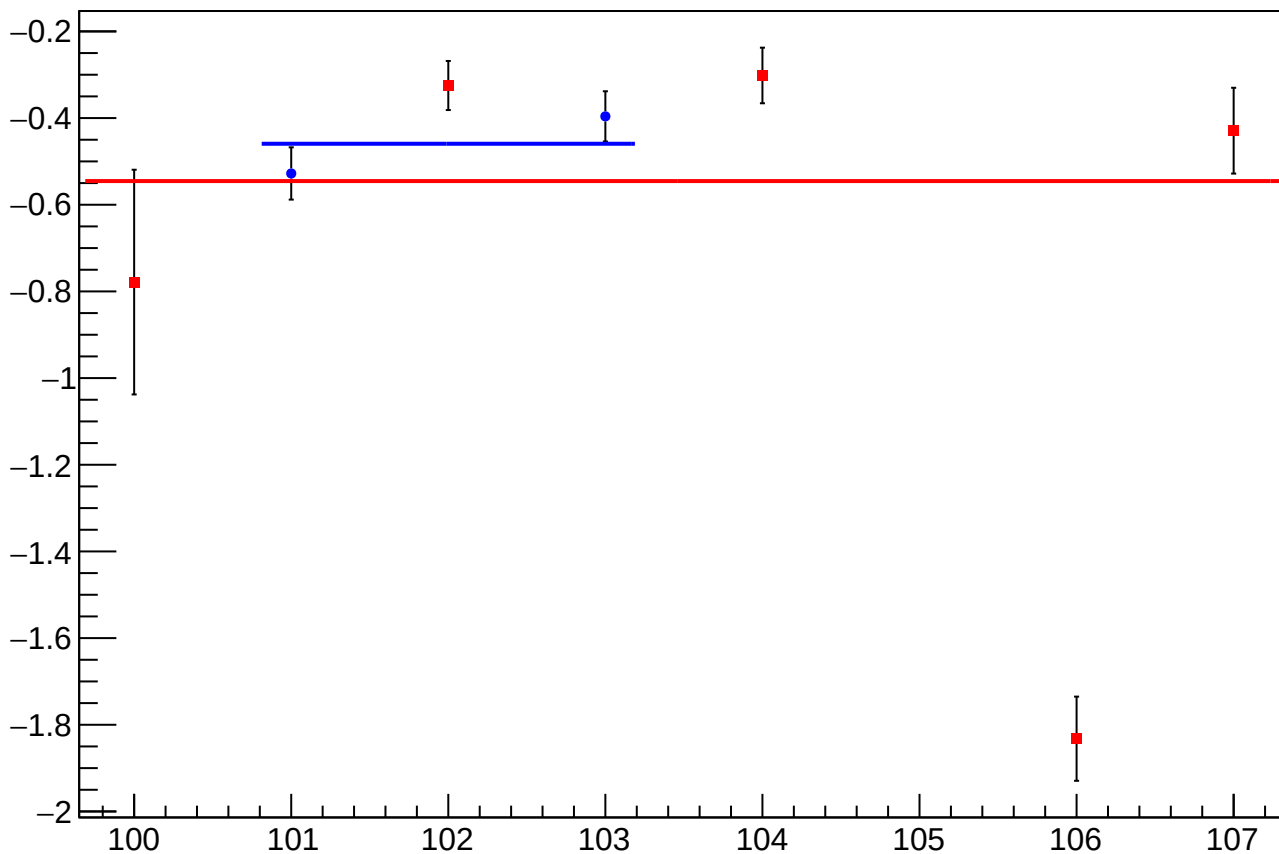
Right: -3.656+/-0.747 χ^2 /NDF: 218.8/6

In: -4.375+/-1.150 χ^2 /NDF:115.9/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -3.656+/-0.747 χ^2 /NDF: 218.8/6

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.459+/-0.042 χ^2 /NDF: 2.5/1

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

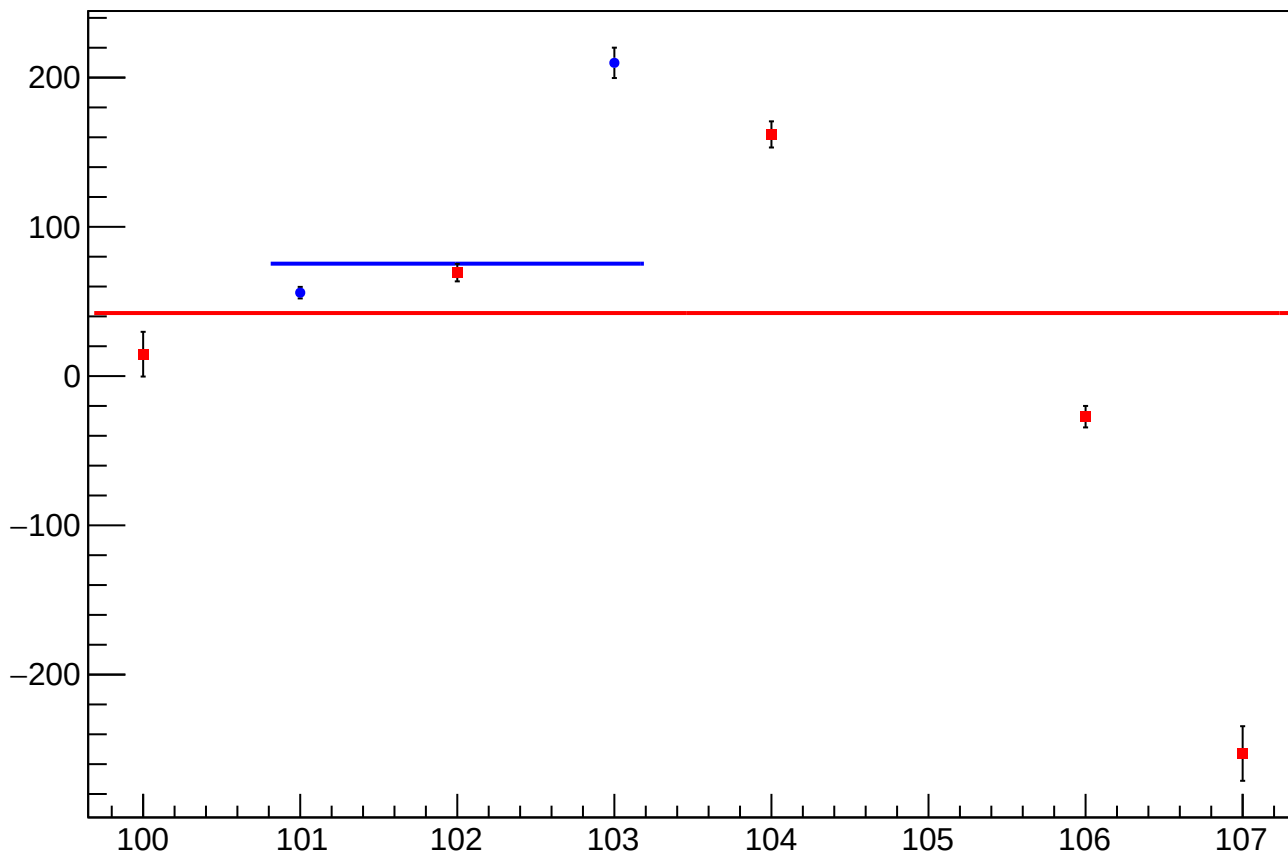
Right: -0.509+/-0.027 χ^2 /NDF: 212.2/6

In: -0.459+/-0.042 χ^2 /NDF:2.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.509+/-0.027 χ^2 /NDF: 212.2/6

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 75.324+/-3.612 χ^2/NDF : 200.3/1

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

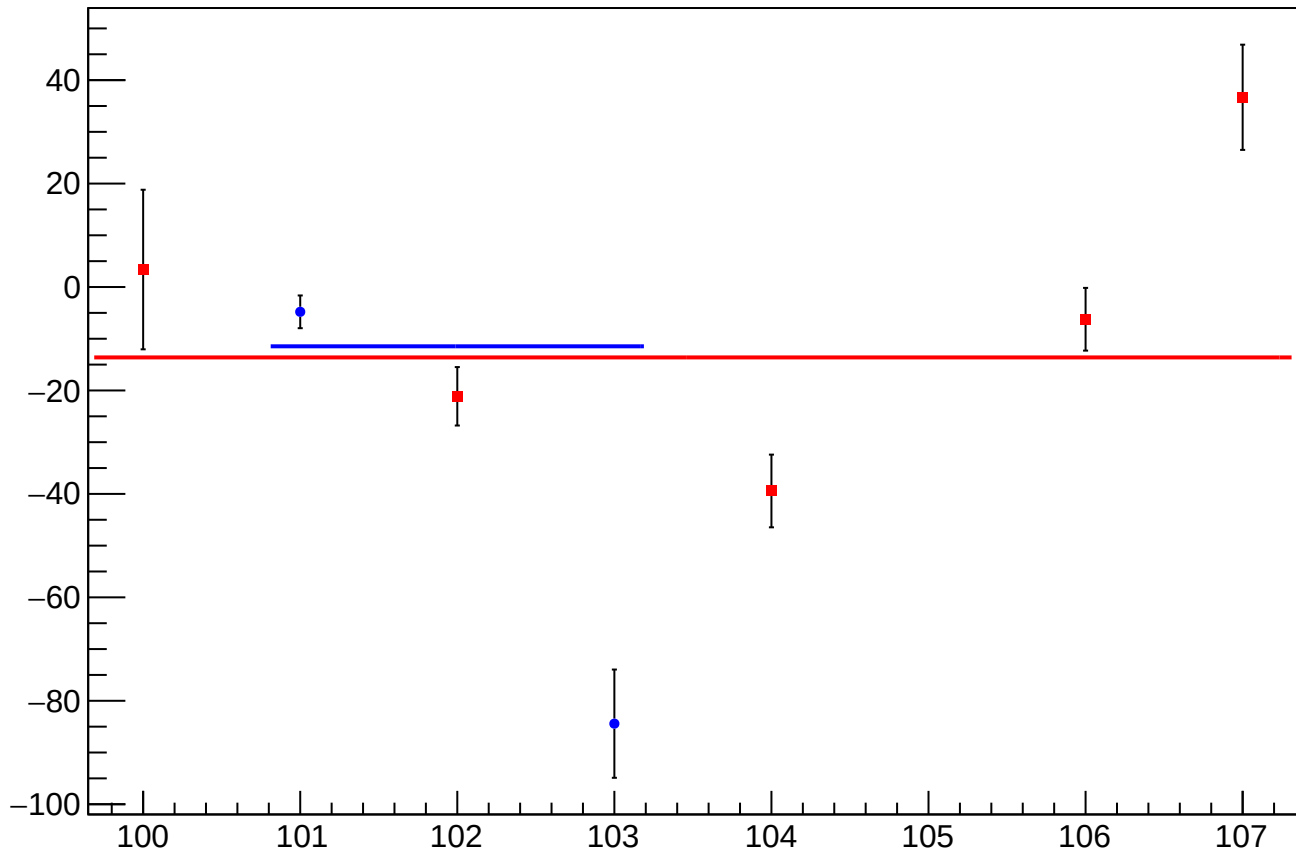
Right: 59.666+/-2.621 χ^2/NDF : 804.9/6

In: 75.324+/-3.612 χ^2/NDF : 200.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.666+/-2.621 χ^2/NDF : 804.9/6

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -11.464 $\pm$ 3.028 χ^2 /NDF: 53.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -13.611 $\pm$ 3.286 χ^2 /NDF: 42.4/4

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

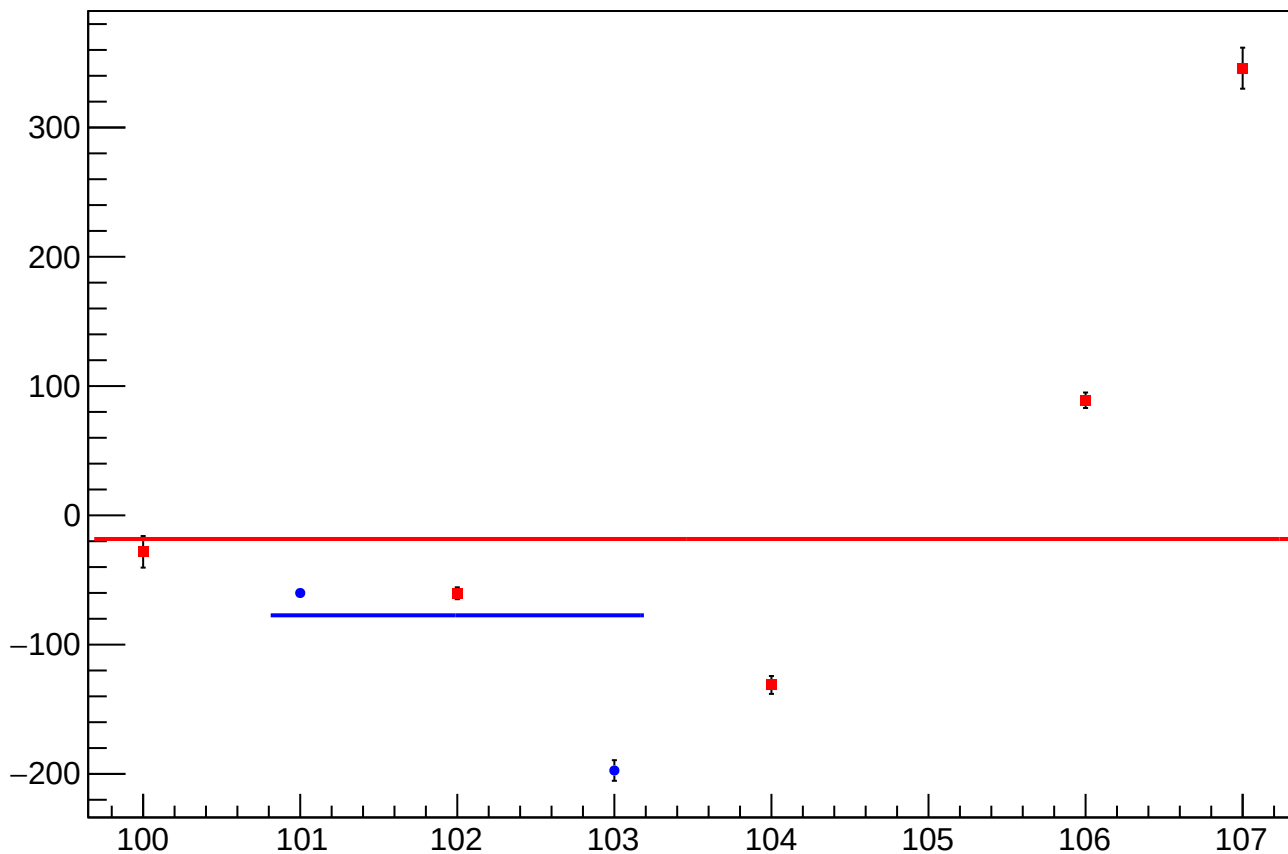
Right: -12.450 $\pm$ 2.227 χ^2 /NDF: 95.7/6

In: -11.464 $\pm$ 3.028 χ^2 /NDF:53.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -12.450 $\pm$ 2.227 χ^2 /NDF: 95.7/6

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -77.326+/-2.827 χ^2/NDF : 259.2/1

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

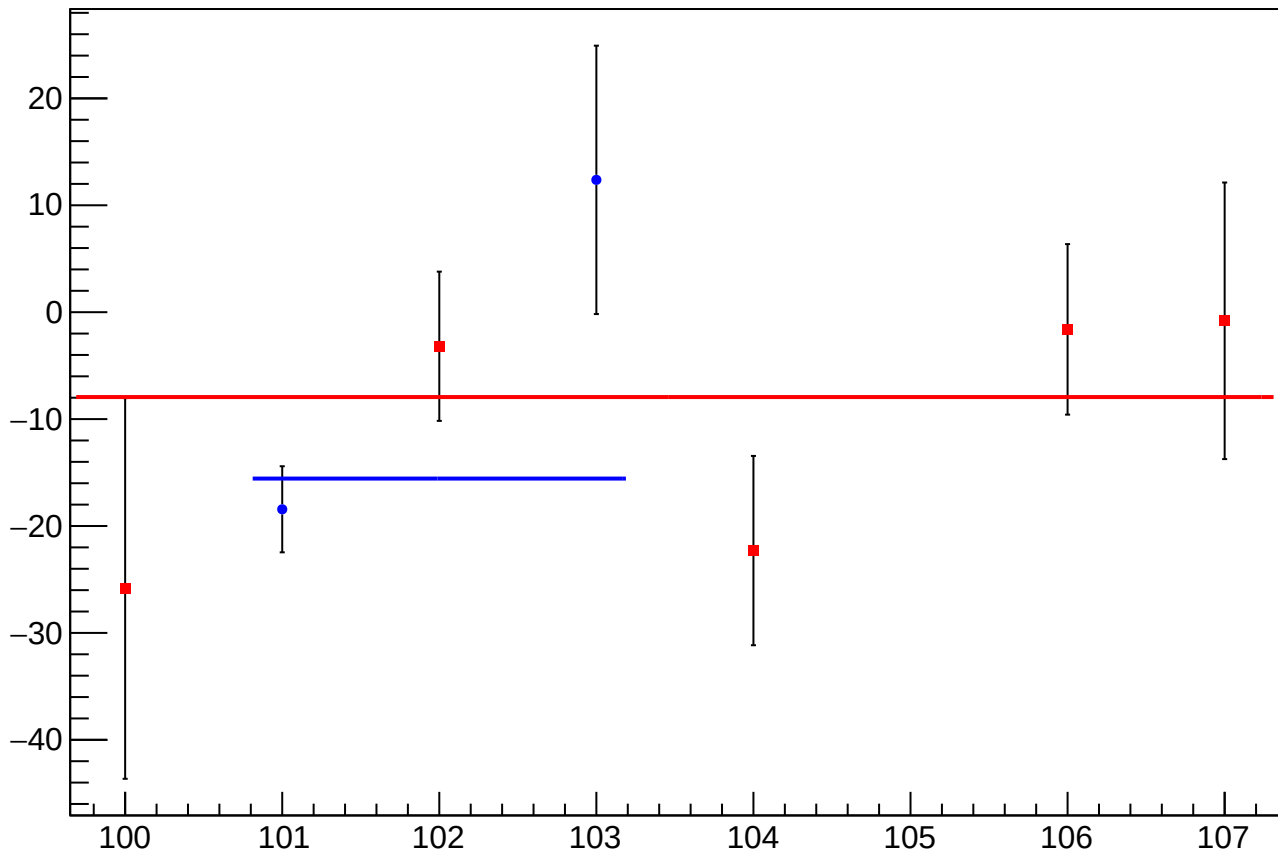
Right: -50.120+/-2.076 χ^2/NDF : 1657.7/6

In: -77.326+/-2.827 χ^2/NDF : 259.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.120+/-2.076 χ^2/NDF : 1657.7/6

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -15.563 $\pm$ 3.834 χ^2 /NDF: 5.5/1

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

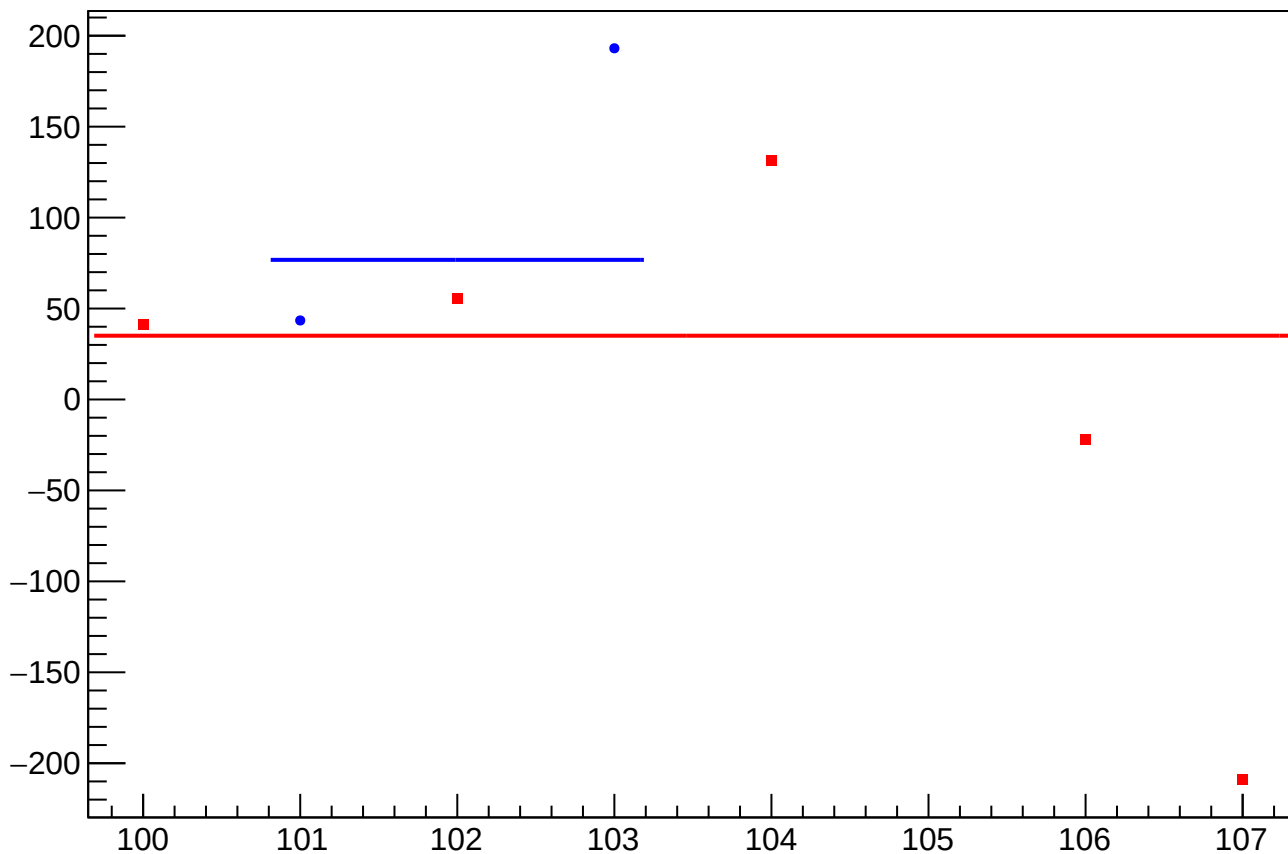
Right: -12.049 $\pm$ 2.815 χ^2 /NDF: 12.3/6

In: -15.563 $\pm$ 3.834 χ^2 /NDF:5.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -12.049 $\pm$ 2.815 χ^2 /NDF: 12.3/6

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 76.770 $\pm$ 0.159 χ^2 /NDF: 154117.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 35.060 $\pm$ 0.141 χ^2 /NDF: 278030.8/4

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

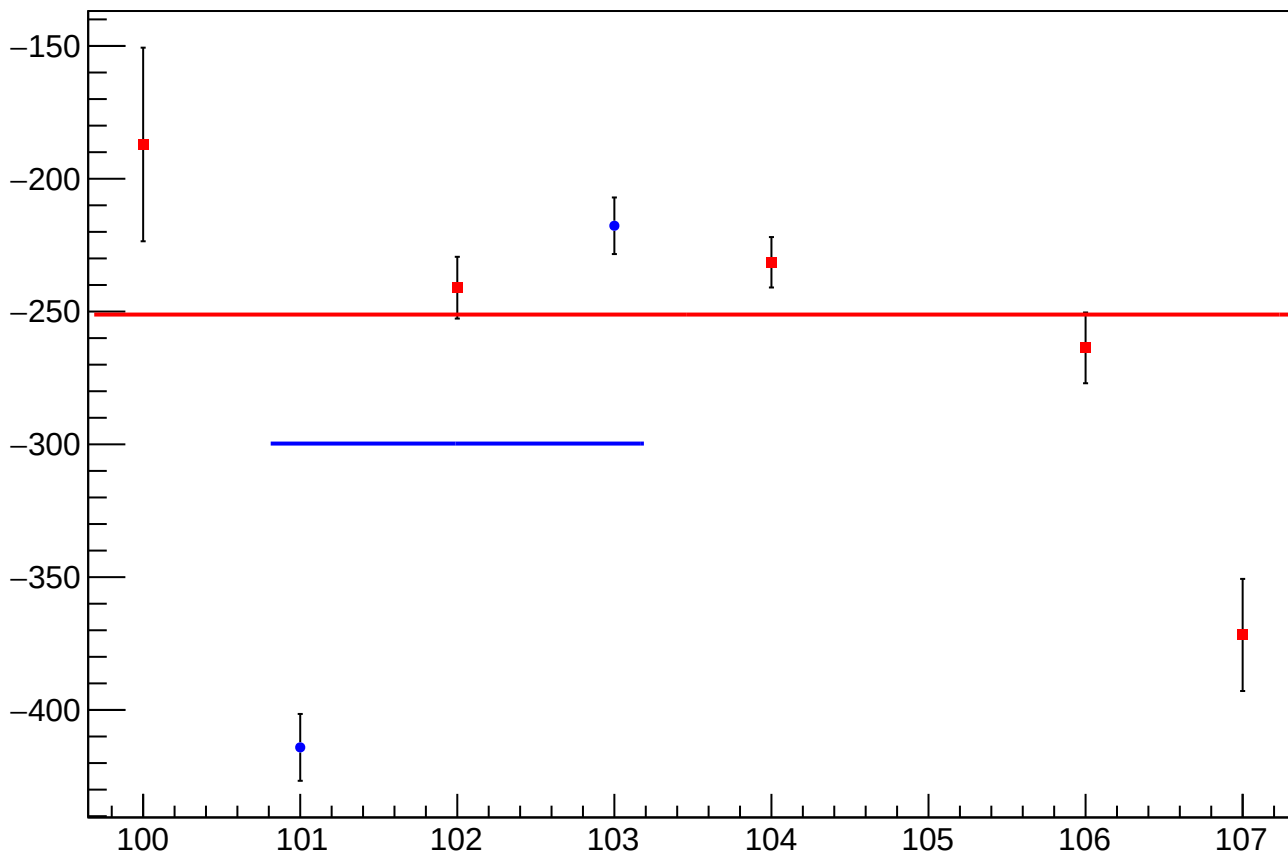
Right: 53.432 $\pm$ 0.105 χ^2 /NDF: 470855.8/6

In: 76.770 $\pm$ 0.159 χ^2 /NDF:154117.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 53.432 $\pm$ 0.105 χ^2 /NDF: 470855.8/6

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -299.706+/-8.131 χ^2/NDF : 141.9/1

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

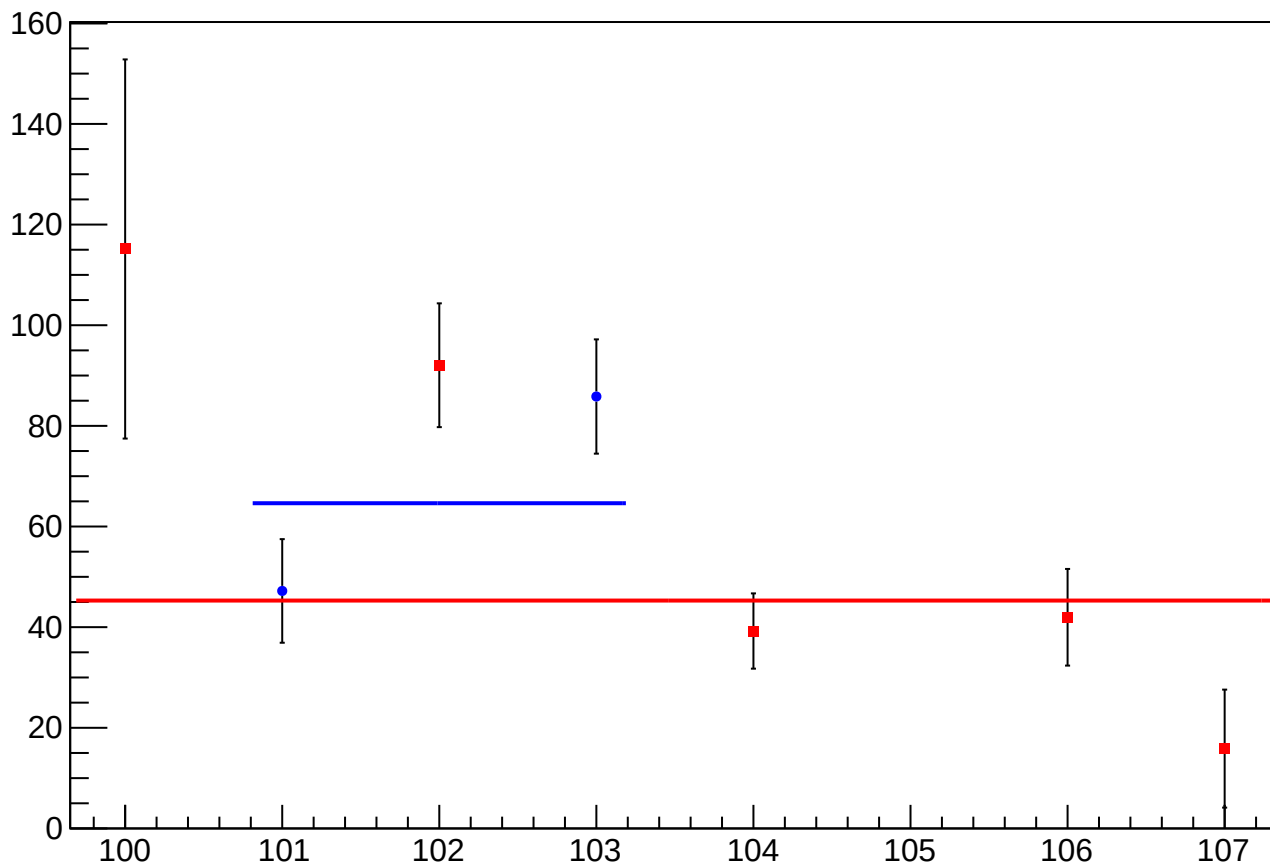
Right: -268.522+/-4.865 χ^2/NDF : 206.5/6

In: -299.706+/-8.131 χ^2/NDF : 141.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -268.522+/-4.865 χ^2/NDF : 206.5/6

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 64.628 $\pm$ 7.626 χ^2 /NDF: 6.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 45.286 $\pm$ 4.805 χ^2 /NDF: 25.0/4

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

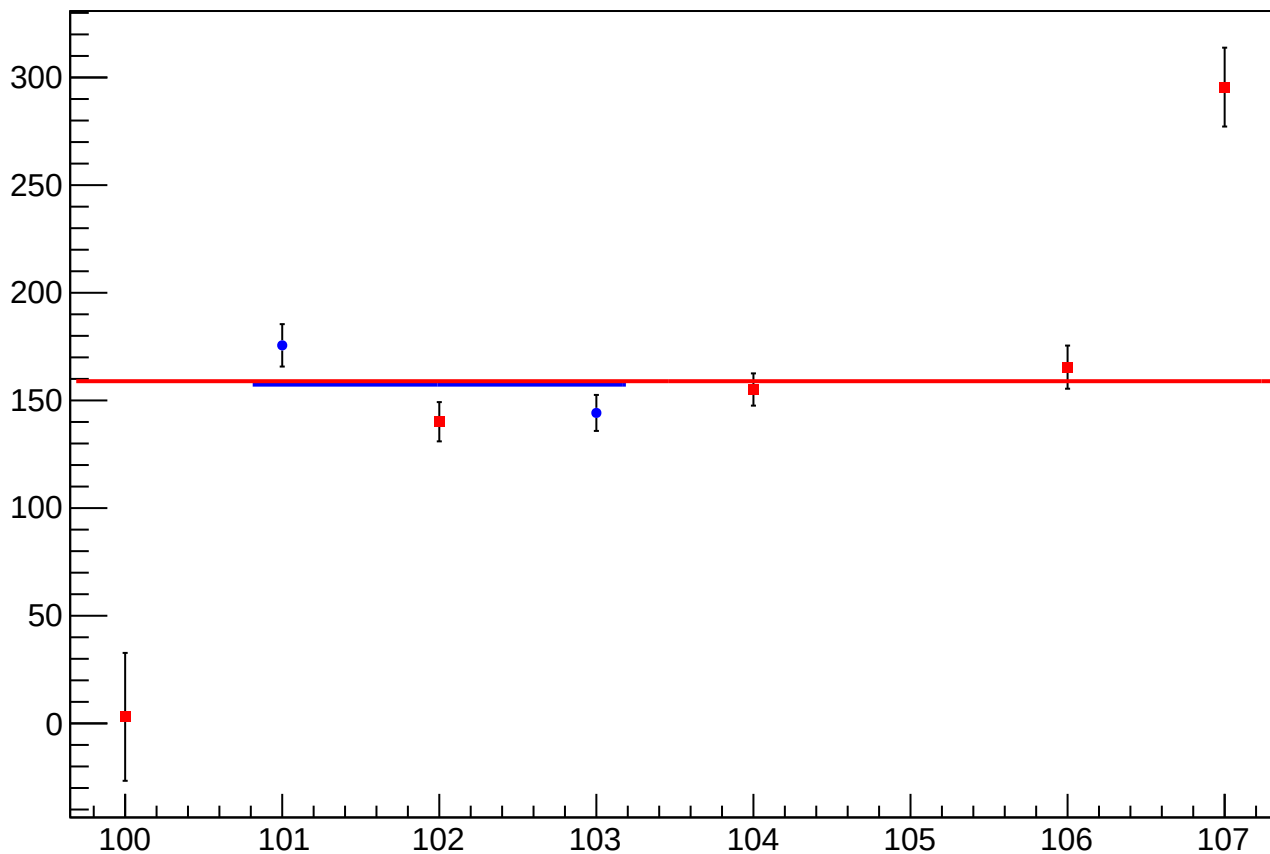
Right: 50.782 $\pm$ 4.065 χ^2 /NDF: 35.9/6

In: 64.628 $\pm$ 7.626 χ^2 /NDF: 6.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 50.782 $\pm$ 4.065 χ^2 /NDF: 35.9/6

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 157.342 $\pm$ 6.373 χ^2 /NDF: 5.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 158.938 $\pm$ 4.770 χ^2 /NDF: 88.1/4

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

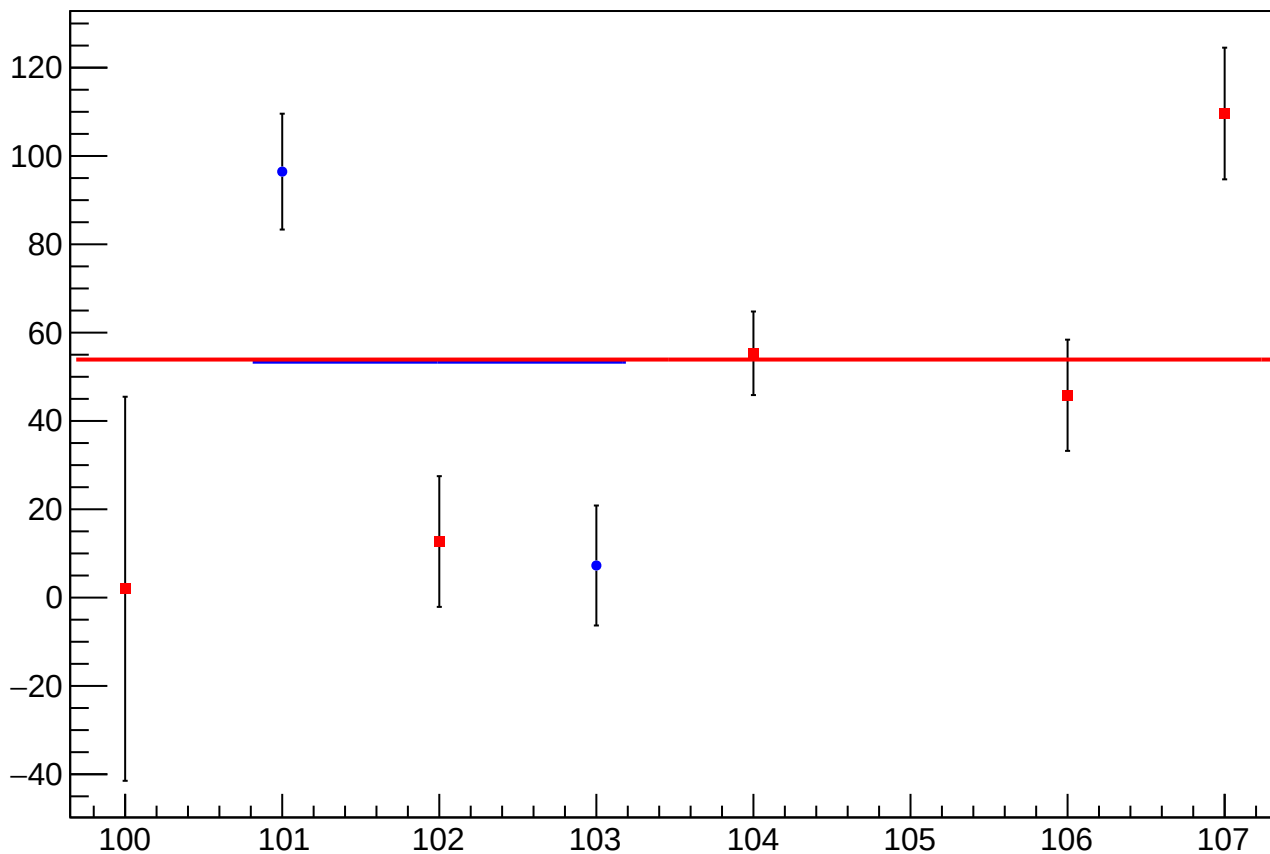
Right: 158.365 $\pm$ 3.819 χ^2 /NDF: 94.1/6

In: 157.342 $\pm$ 6.373 χ^2 /NDF: 5.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 158.365 $\pm$ 3.819 χ^2 /NDF: 94.1/6

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 53.420+/-9.436 χ^2/NDF : 22.3/1

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

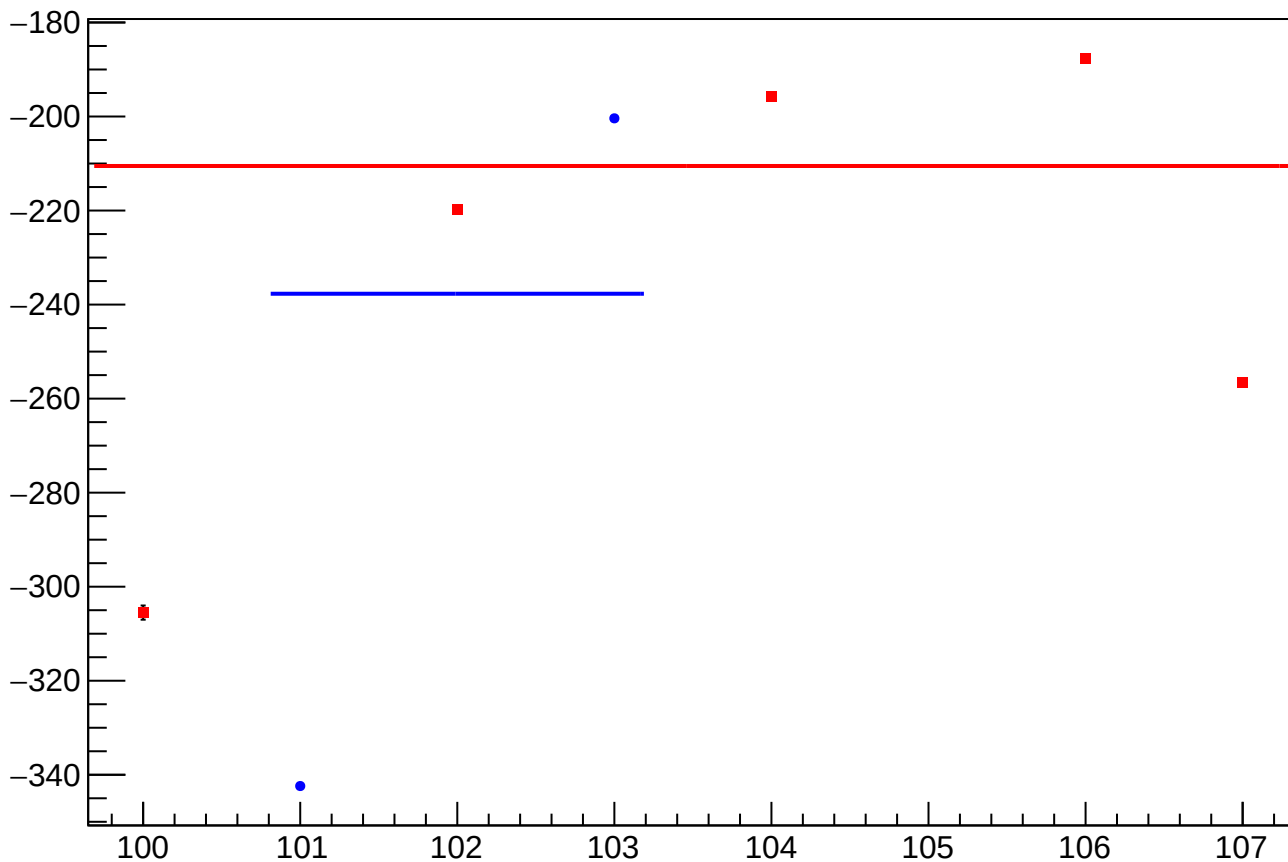
Right: 53.762+/-5.109 χ^2/NDF : 45.9/6

In: 53.420+/-9.436 χ^2/NDF : 22.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.762+/-5.109 χ^2/NDF : 45.9/6

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -237.695 ± 0.302 $\chi^2/\text{NDF}: 42953.1/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -210.524 ± 0.226 $\chi^2/\text{NDF}: 11696.7/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

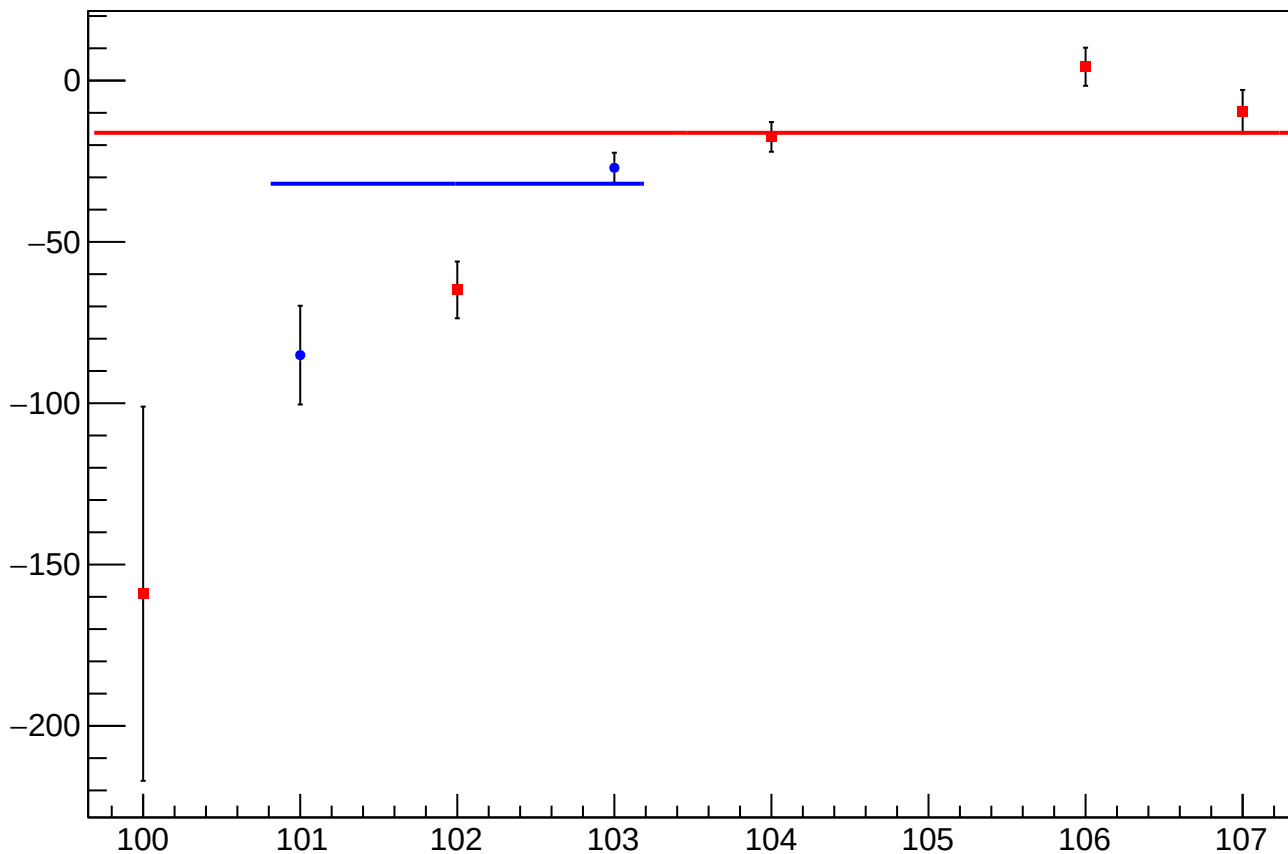
Right: -220.306 ± 0.181 $\chi^2/\text{NDF}: 59845.3/6$

In: -237.695 ± 0.302 $\chi^2/\text{NDF}: 42953.1/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -220.306 ± 0.181 $\chi^2/\text{NDF}: 59845.3/6$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -31.969 ± 4.462 $\chi^2/\text{NDF}: 13.2/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -16.184 ± 2.996 $\chi^2/\text{NDF}: 49.8/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

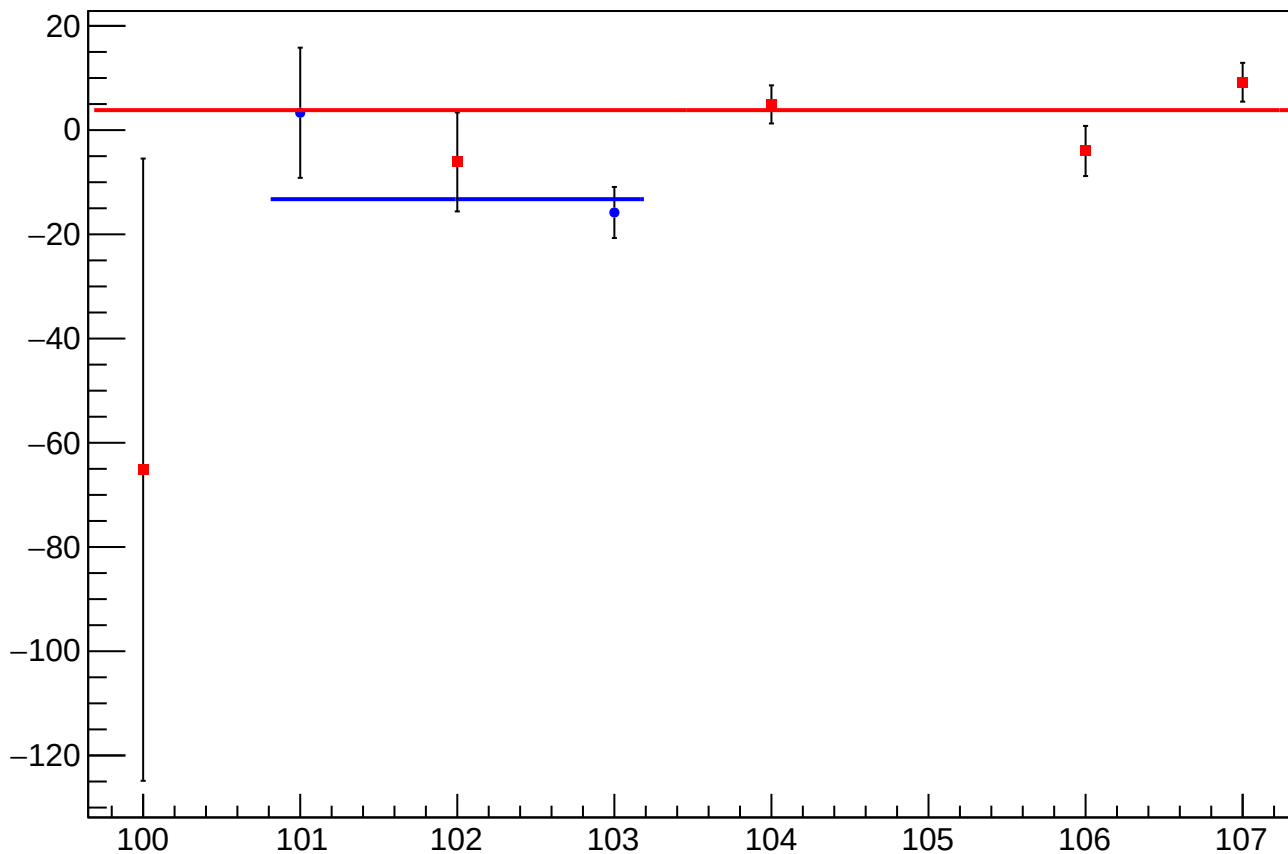
Right: -21.089 ± 2.488 $\chi^2/\text{NDF}: 71.6/6$

In: -31.969 ± 4.462 $\chi^2/\text{NDF}: 13.2/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -21.089 ± 2.488 $\chi^2/\text{NDF}: 71.6/6$

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -13.253+/-4.562 χ^2/NDF : 2.0/1

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

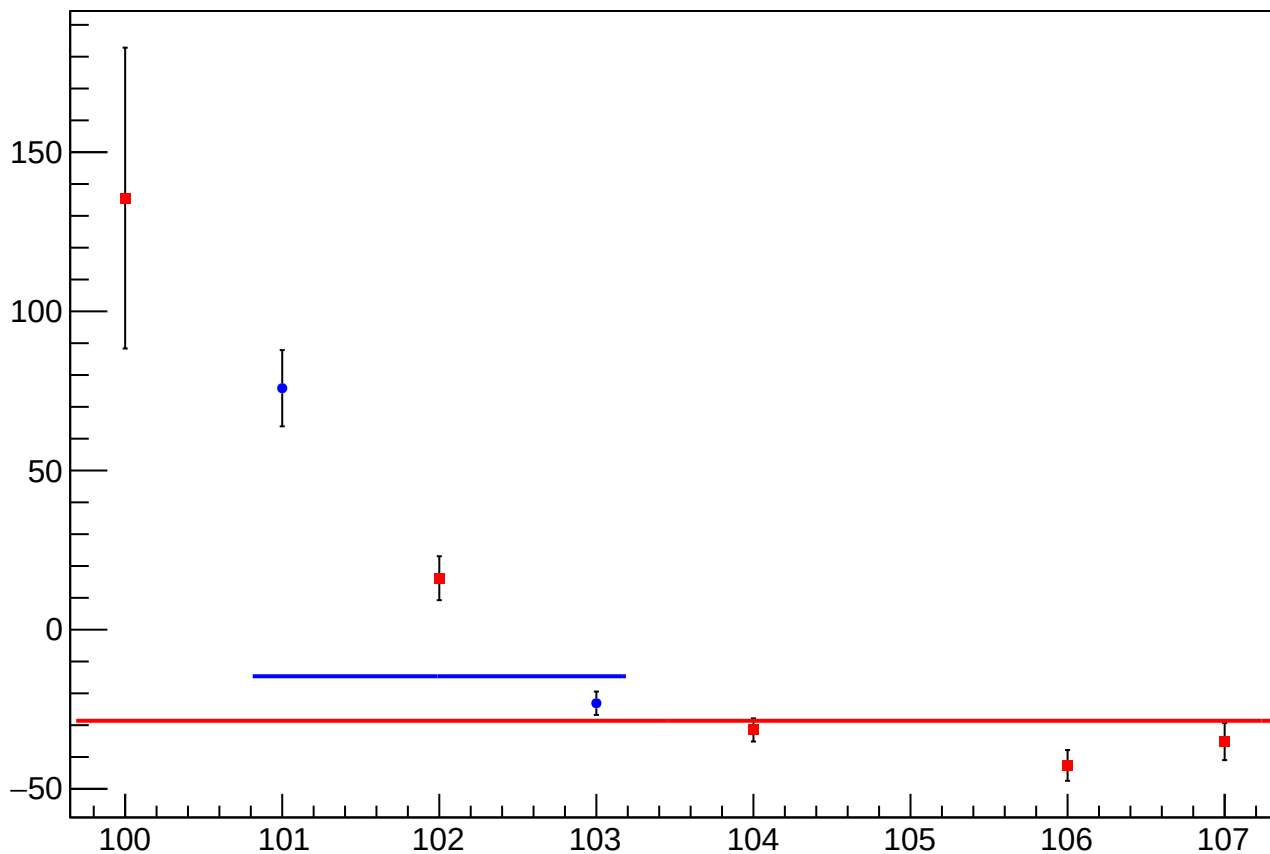
Right: 0.543+/-2.002 χ^2/NDF : 20.6/6

In: -13.253+/-4.562 χ^2/NDF : 2.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.543+/-2.002 χ^2/NDF : 20.6/6

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -14.637 ± 3.502 $\chi^2/\text{NDF}: 62.5/1$

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 $\chi^2/\text{NDF}: 0.0/0$

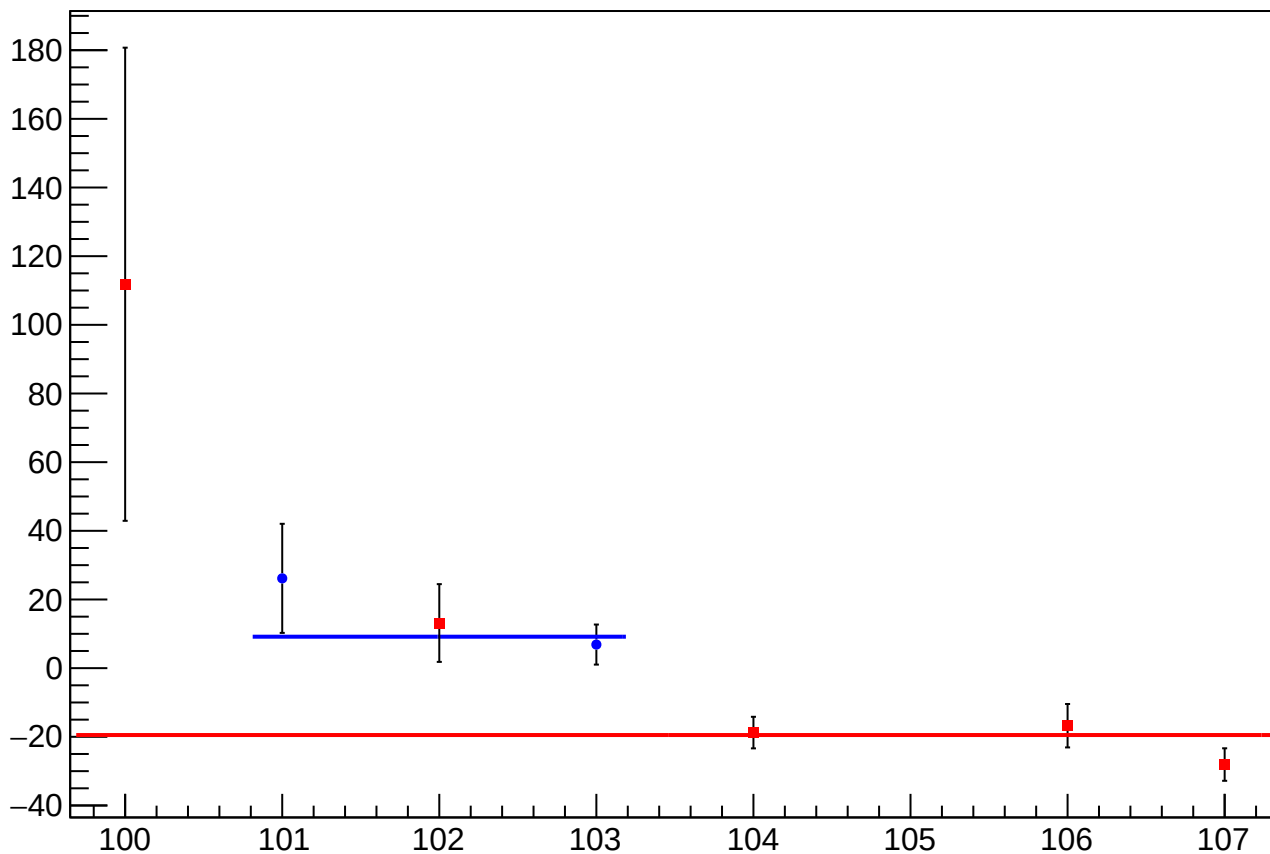
Right: -24.081 ± 1.995 $\chi^2/\text{NDF}: 137.8/6$

In: -14.637 ± 3.502 $\chi^2/\text{NDF}: 62.5/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -24.081 ± 1.995 $\chi^2/\text{NDF}: 137.8/6$

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.162+/-5.477 χ^2/NDF : 1.3/1

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

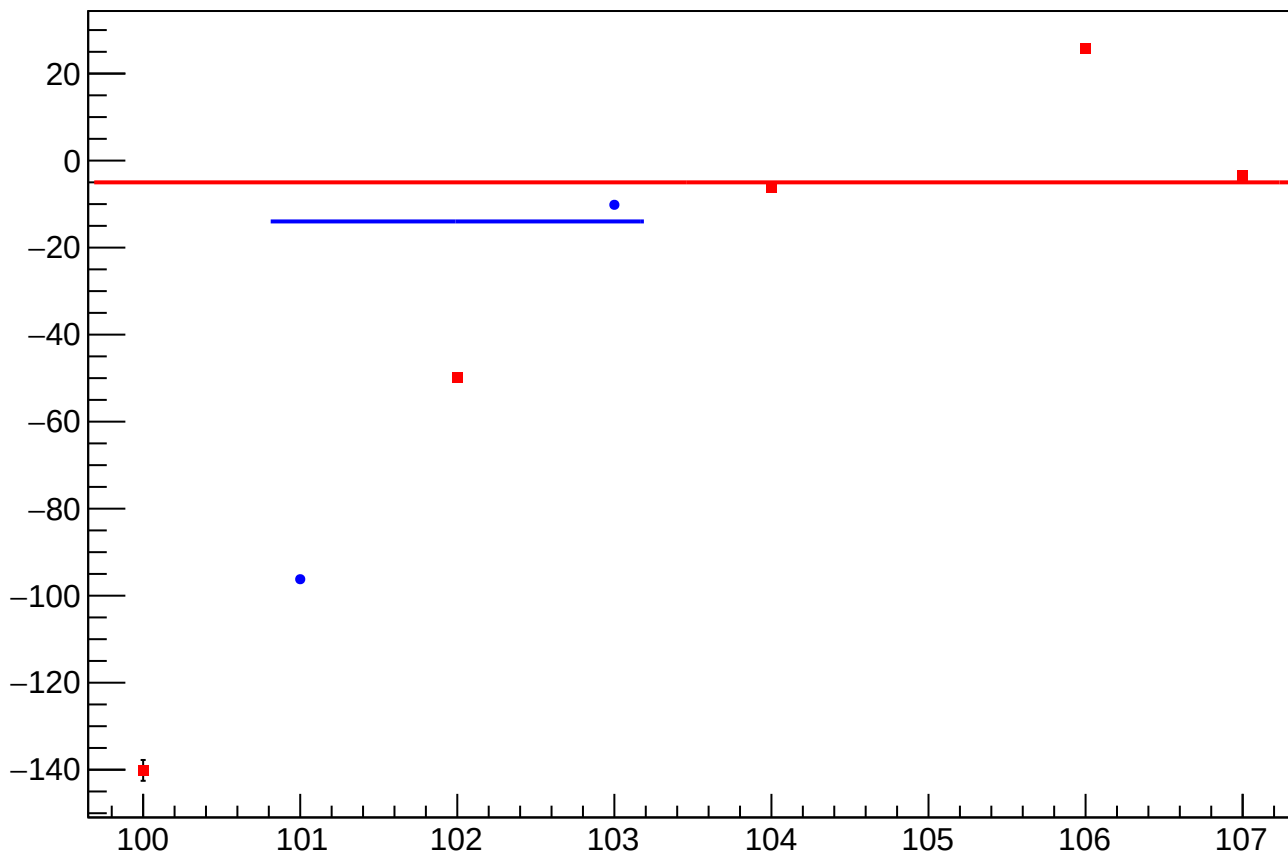
Right: -13.447+/-2.514 χ^2/NDF : 38.3/6

In: 9.162+/-5.477 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.447+/-2.514 χ^2/NDF : 38.3/6

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -13.985 $\pm$ 0.149 χ^2 /NDF: 14100.1/1

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

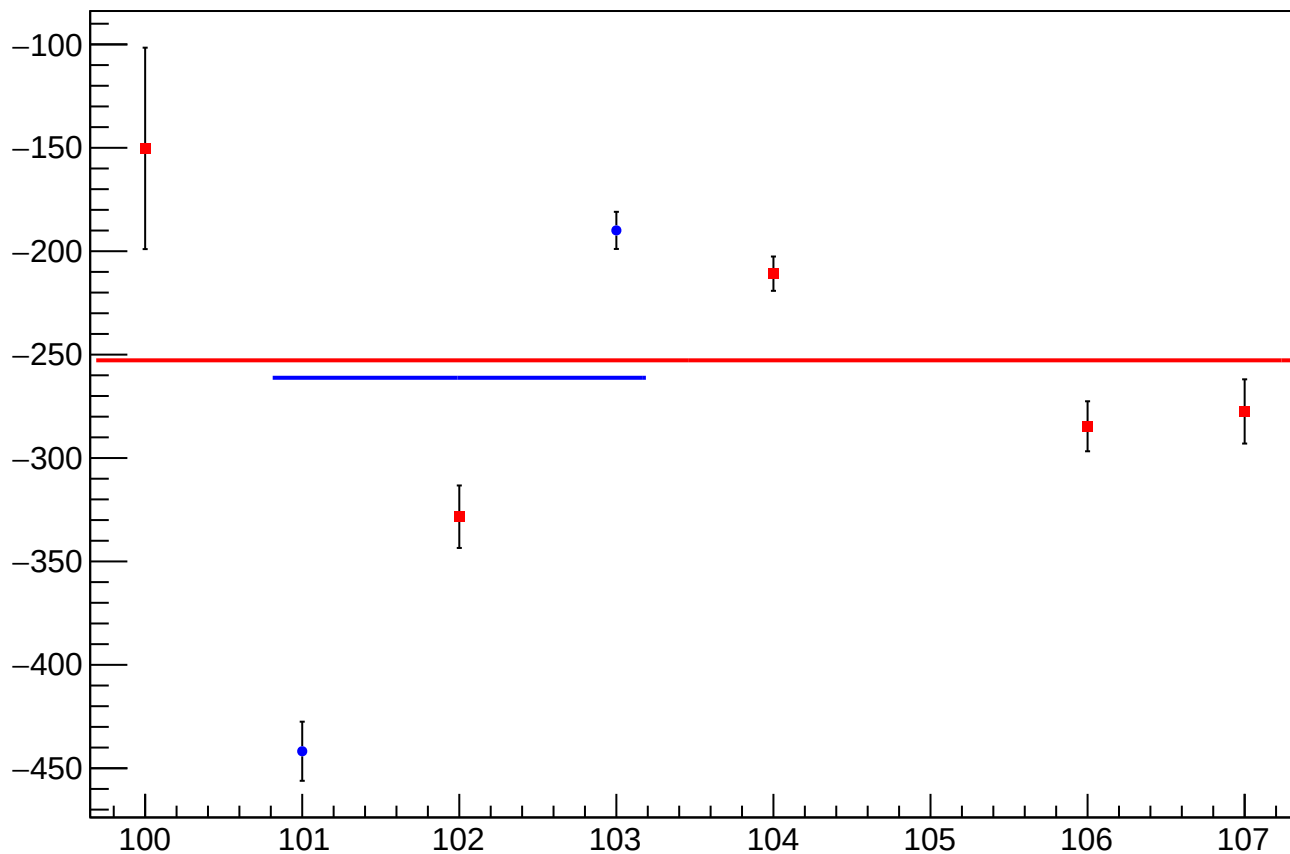
Right: -8.185 $\pm$ 0.089 χ^2 /NDF: 60571.5/6

In: -13.985 $\pm$ 0.149 χ^2 /NDF: 14100.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -8.185 $\pm$ 0.089 χ^2 /NDF: 60571.5/6

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -261.190+/-7.602 χ^2/NDF : 222.7/1

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

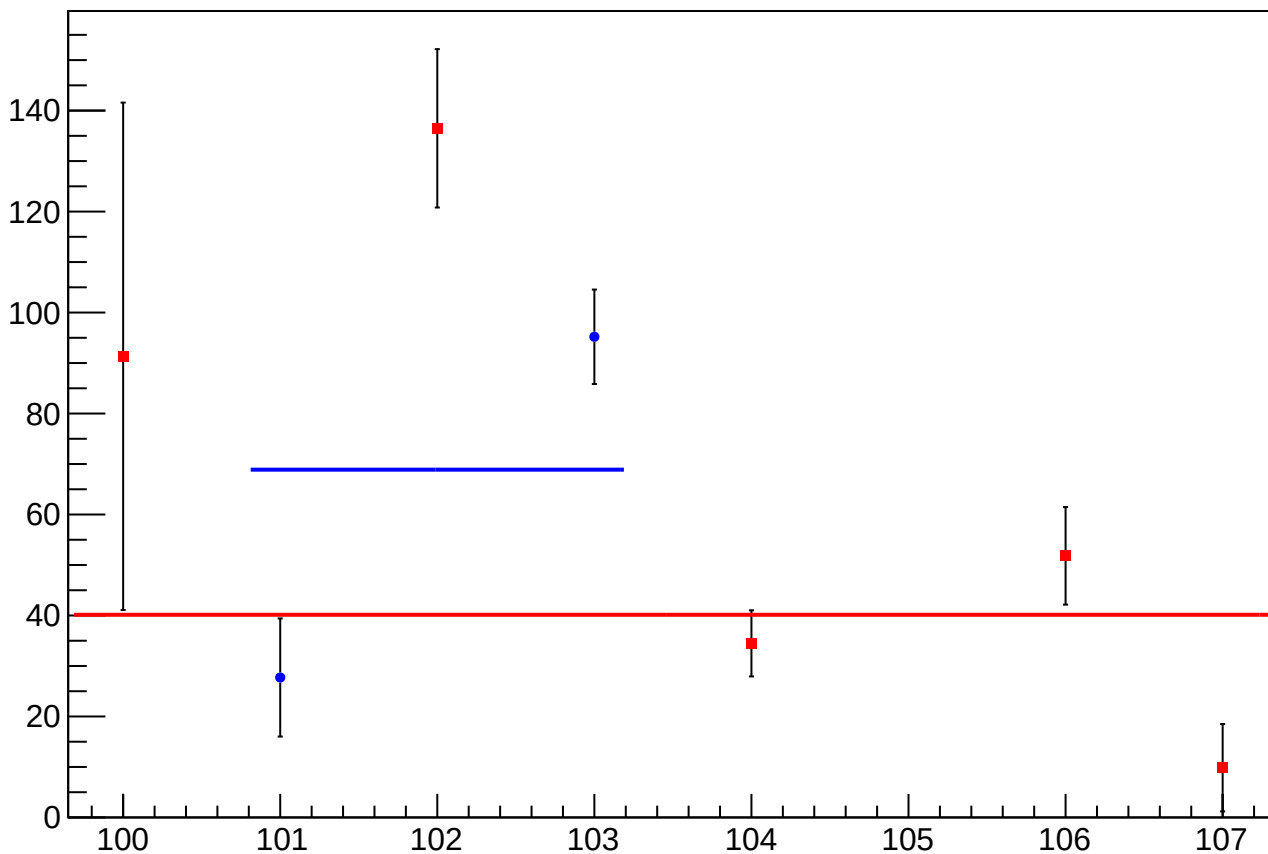
Right: -255.823+/-4.582 χ^2/NDF : 287.9/6

In: -261.190+/-7.602 χ^2/NDF : 222.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -255.823+/-4.582 χ^2/NDF : 287.9/6

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 68.884+/-7.304 χ^2/NDF : 20.3/1

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

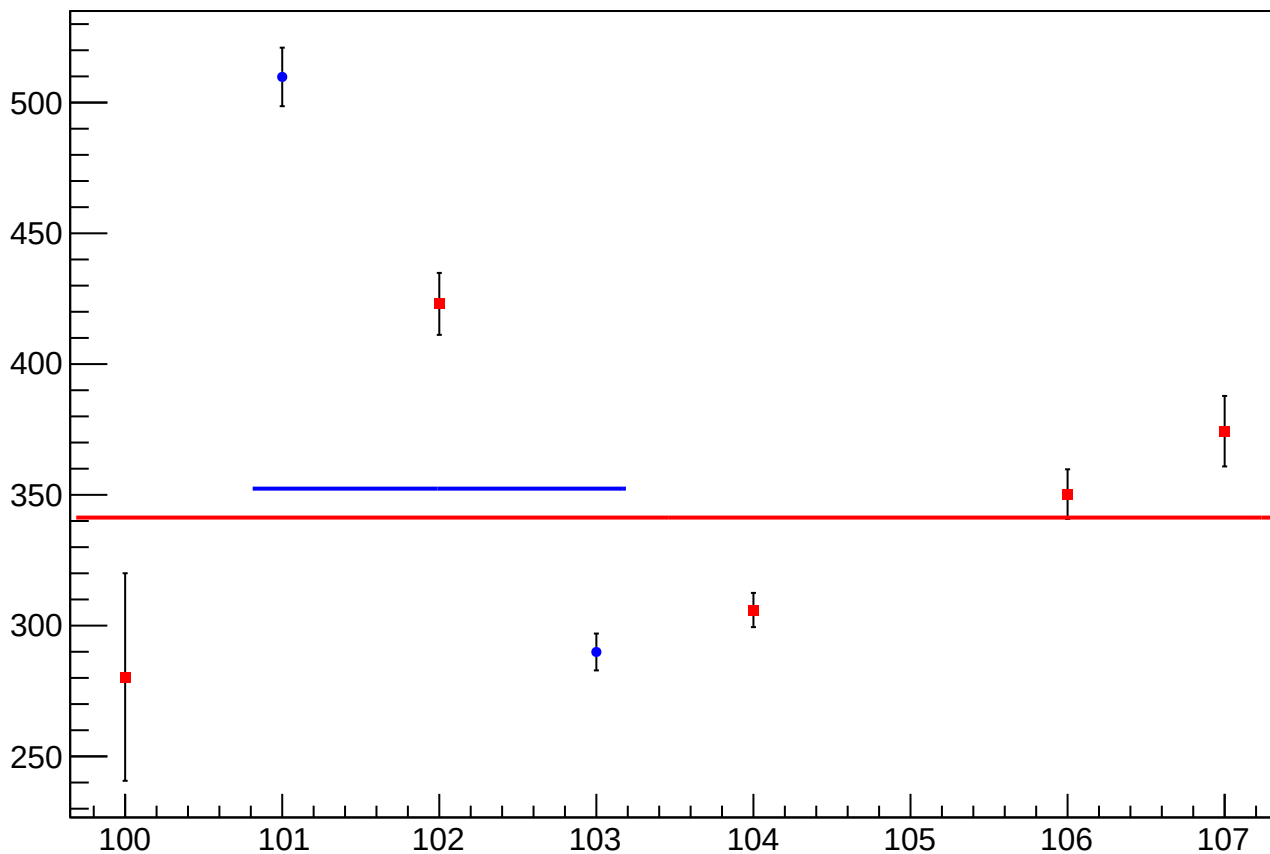
Right: 47.772+/-3.764 χ^2/NDF : 84.9/6

In: 68.884+/-7.304 χ^2/NDF : 20.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.772+/-3.764 χ^2/NDF : 84.9/6

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 352.379 ± 5.961 $\chi^2/\text{NDF}: 276.7/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 341.313 ± 4.576 $\chi^2/\text{NDF}: 86.0/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

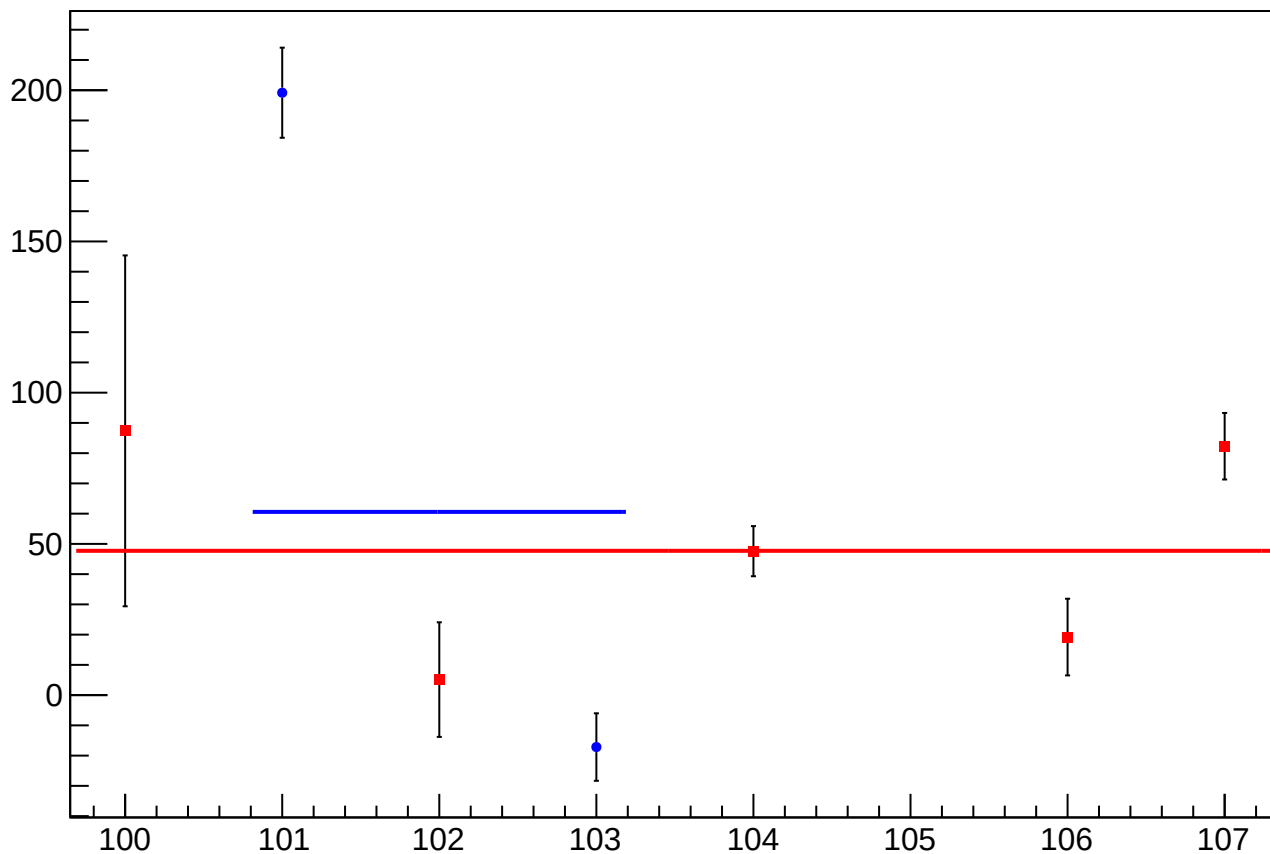
Right: 345.416 ± 3.630 $\chi^2/\text{NDF}: 364.9/6$

In: 352.379 ± 5.961 $\chi^2/\text{NDF}: 276.7/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 345.416 ± 3.630 $\chi^2/\text{NDF}: 364.9/6$

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 60.586+/-8.931 χ^2 /NDF: 135.1/1

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

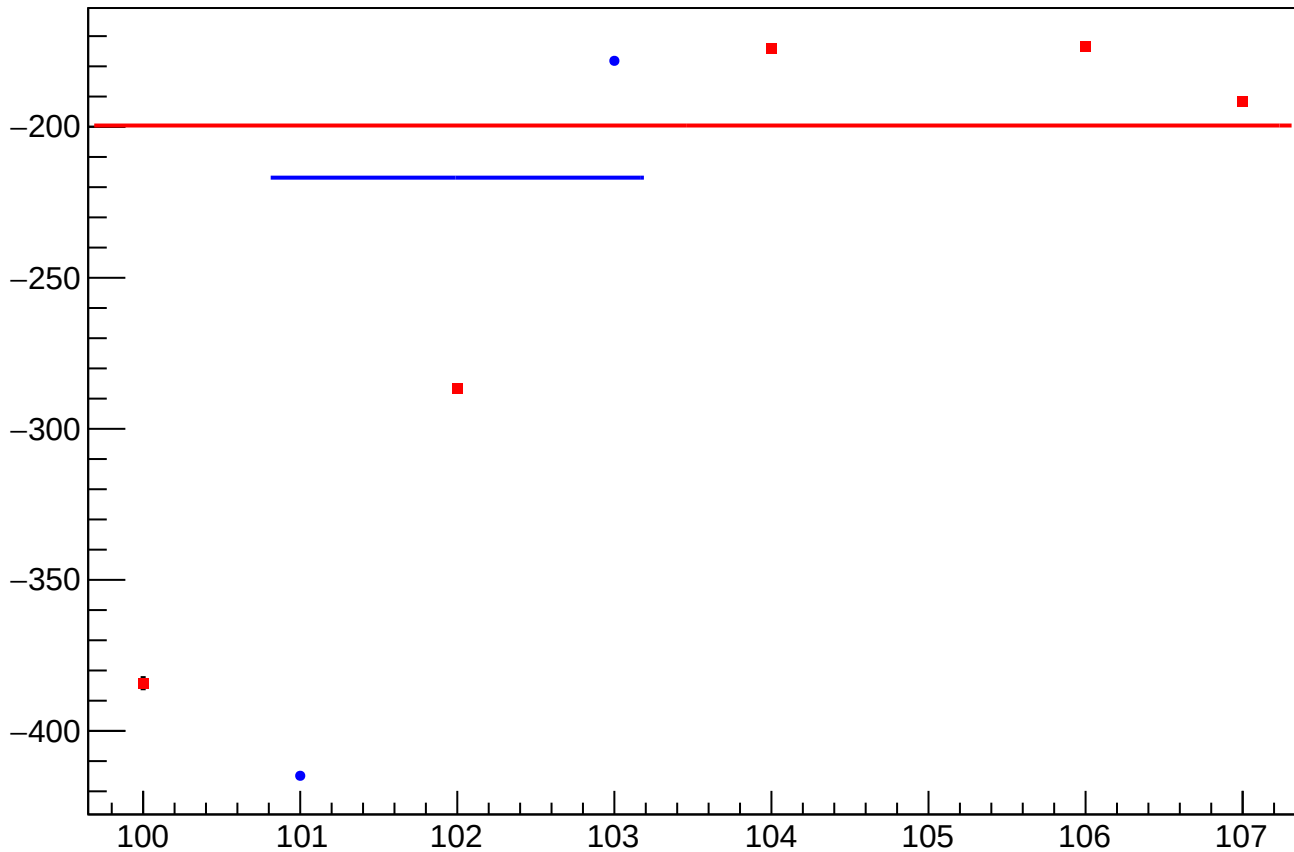
Right: 51.323+/-4.731 χ^2 /NDF: 157.1/6

In: 60.586+/-8.931 χ^2 /NDF:135.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 51.323+/-4.731 χ^2 /NDF: 157.1/6

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.847 ± 0.270 $\chi^2/\text{NDF}: 105237.1/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -199.589 ± 0.218 $\chi^2/\text{NDF}: 46622.9/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

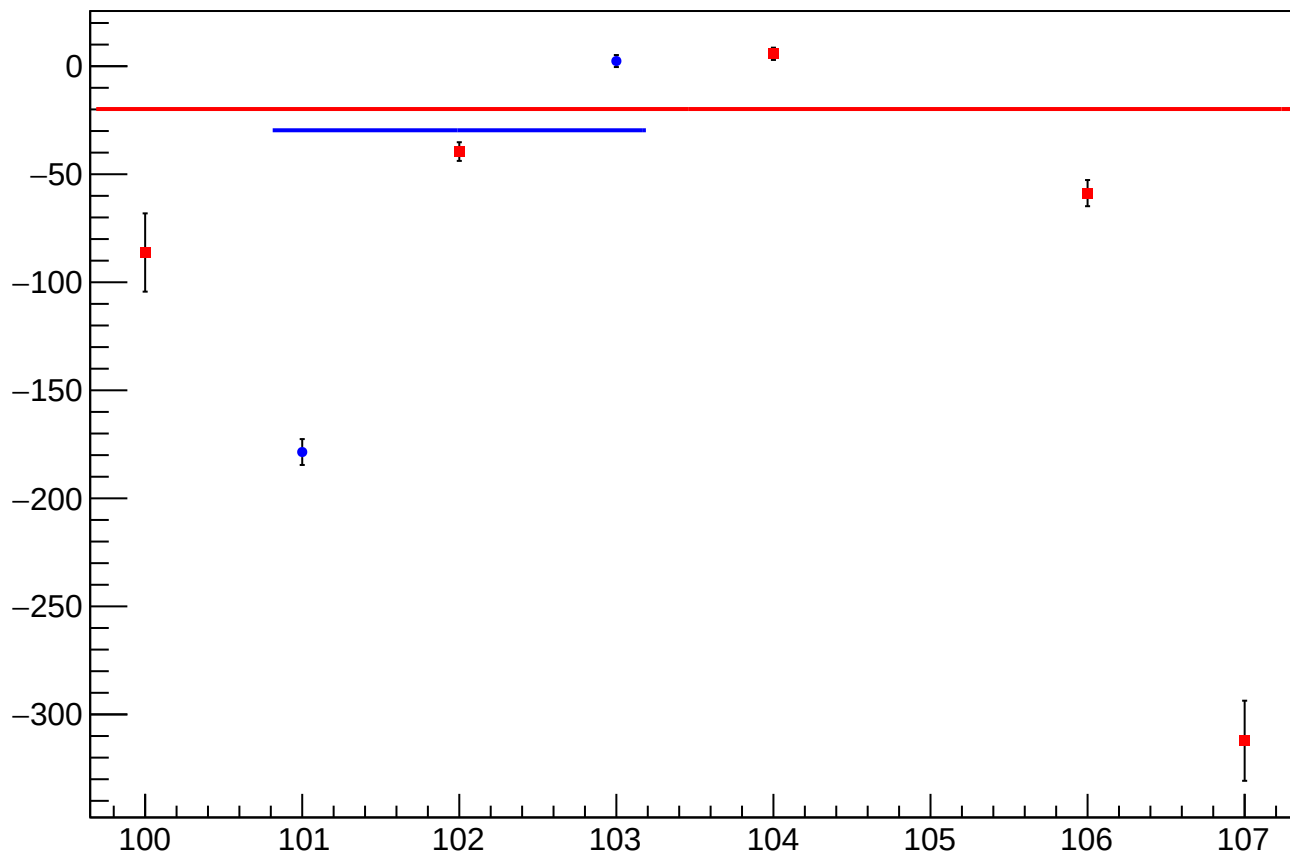
Right: -206.406 ± 0.170 $\chi^2/\text{NDF}: 154336.4/6$

In: -216.847 ± 0.270 $\chi^2/\text{NDF}: 105237.1/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -206.406 ± 0.170 $\chi^2/\text{NDF}: 154336.4/6$

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -29.655 ± 2.521 χ^2/NDF : 750.5/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -19.820 ± 2.178 χ^2/NDF : 405.3/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

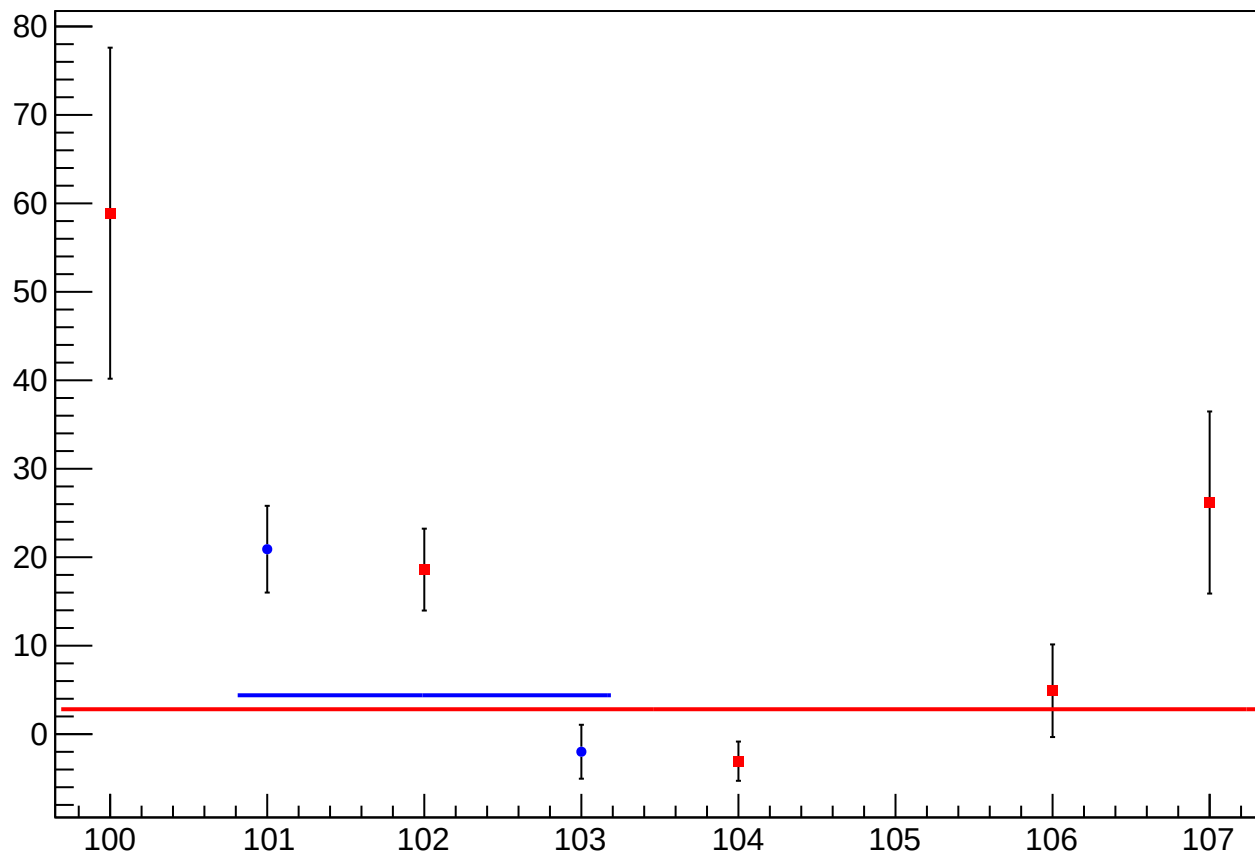
Right: -24.023 ± 1.648 χ^2/NDF : 1164.5/6

In: -29.655 ± 2.521 χ^2/NDF : 750.5/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -24.023 ± 1.648 χ^2/NDF : 1164.5/6

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.393+/-2.588 χ^2/NDF : 15.7/1

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

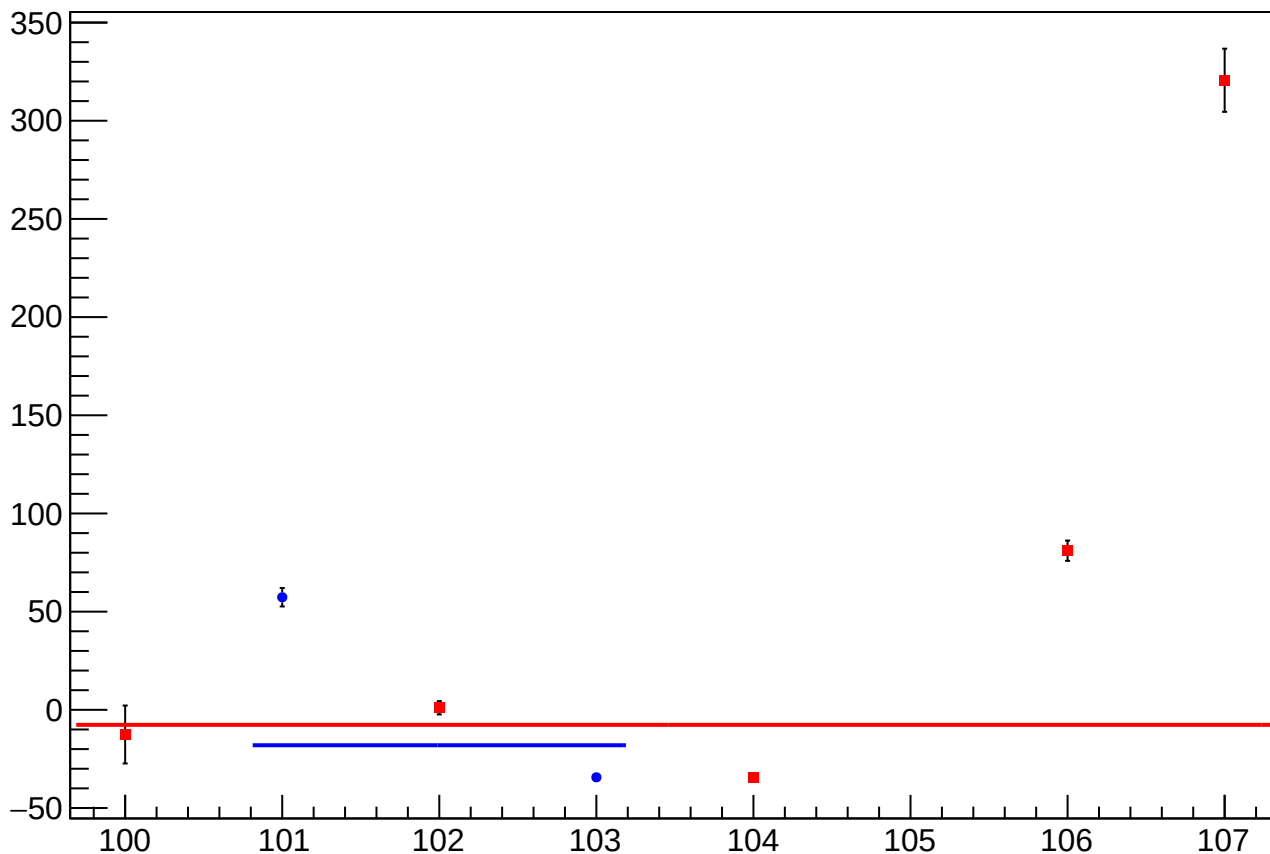
Right: 3.341+/-1.494 χ^2/NDF : 48.9/6

In: 4.393+/-2.588 χ^2/NDF : 15.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.341+/-1.494 χ^2/NDF : 48.9/6

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.032 $\pm$ 1.980 χ^2 /NDF: 314.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -7.651 $\pm$ 1.735 χ^2 /NDF: 861.2/4

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

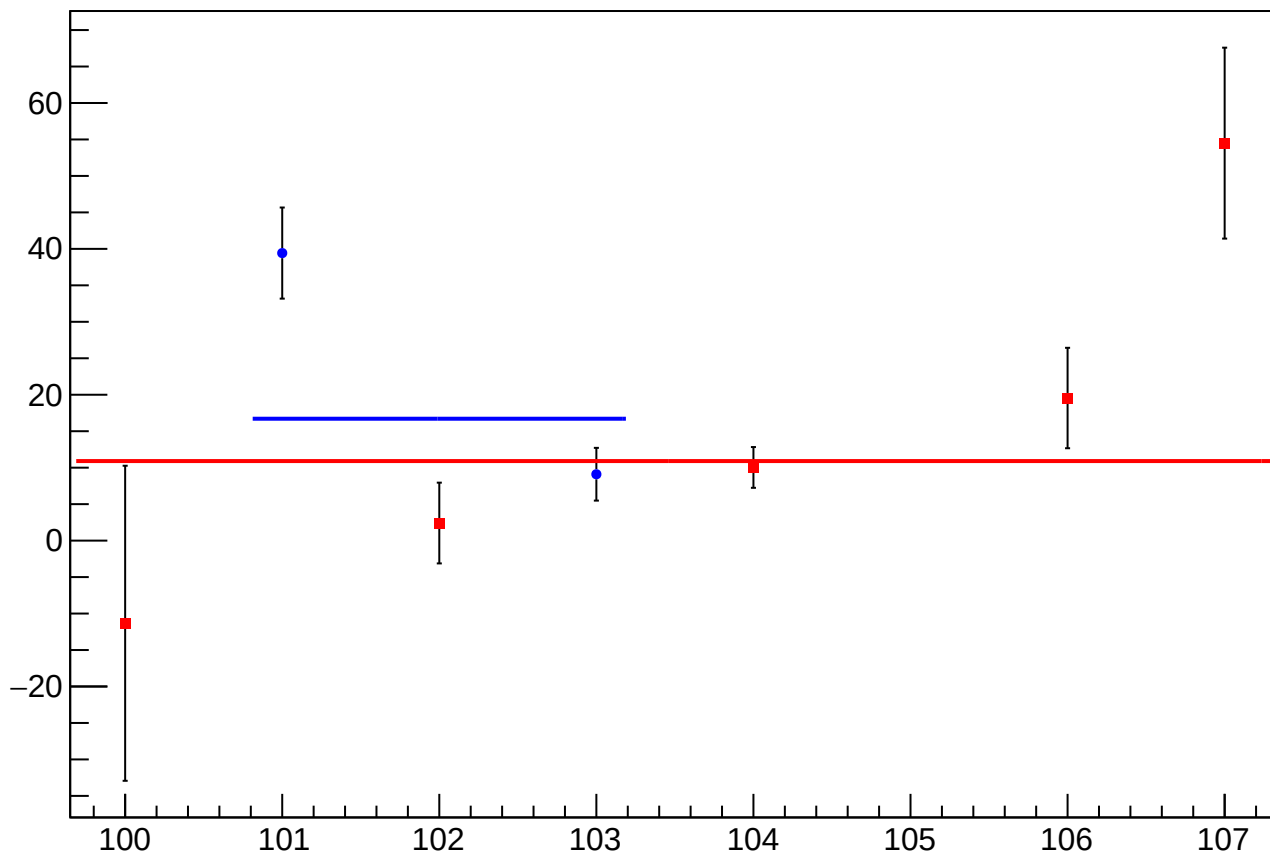
Right: -12.159 $\pm$ 1.305 χ^2 /NDF: 1191.0/6

In: -18.032 $\pm$ 1.980 χ^2 /NDF:314.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -12.159 $\pm$ 1.305 χ^2 /NDF: 1191.0/6

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.712 $\pm$ 3.129 χ^2 /NDF: 17.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.907 $\pm$ 2.296 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

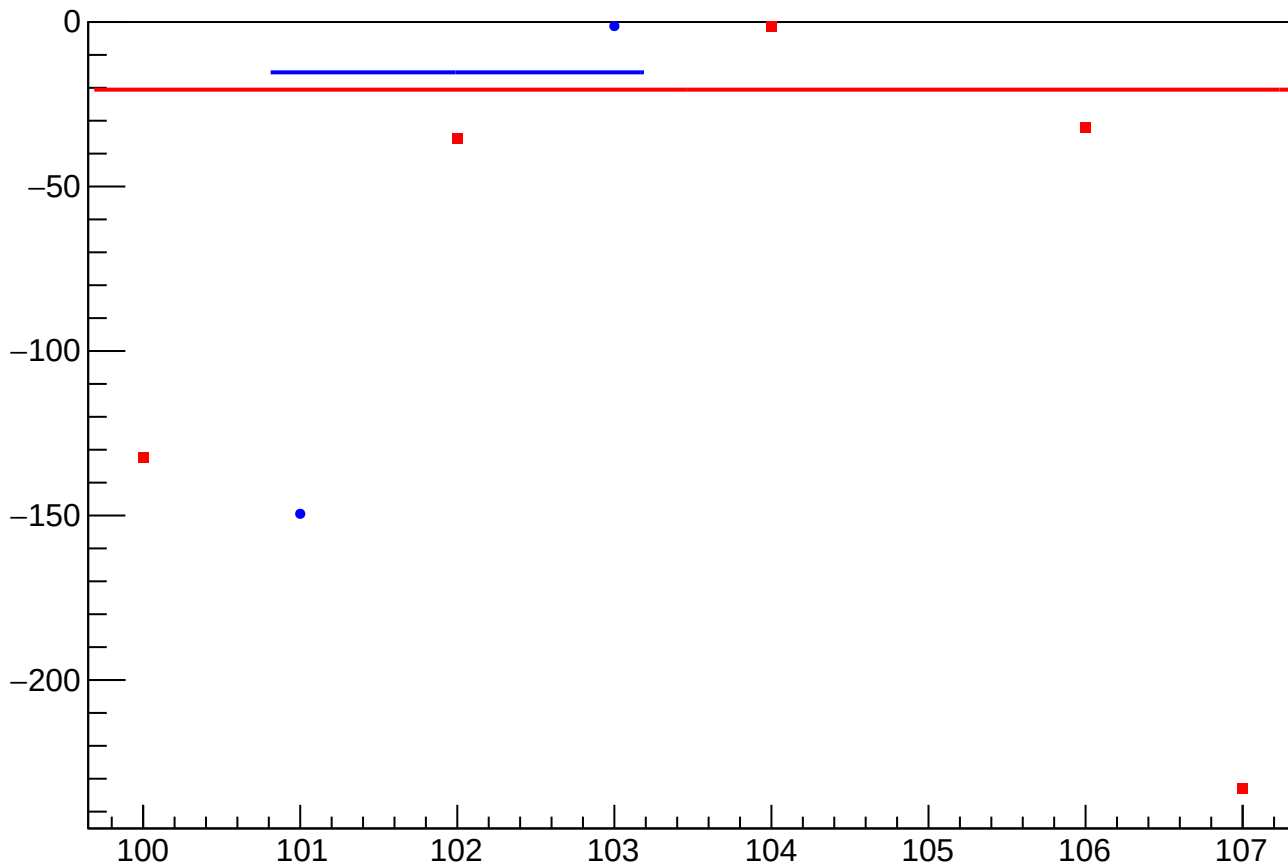
Right: 12.938 $\pm$ 1.851 χ^2 /NDF: 36.1/6

In: 16.712 $\pm$ 3.129 χ^2 /NDF: 17.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.938 $\pm$ 1.851 χ^2 /NDF: 36.1/6

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -15.298 +/- 0.086 χ^2/NDF : 253617.2/1

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

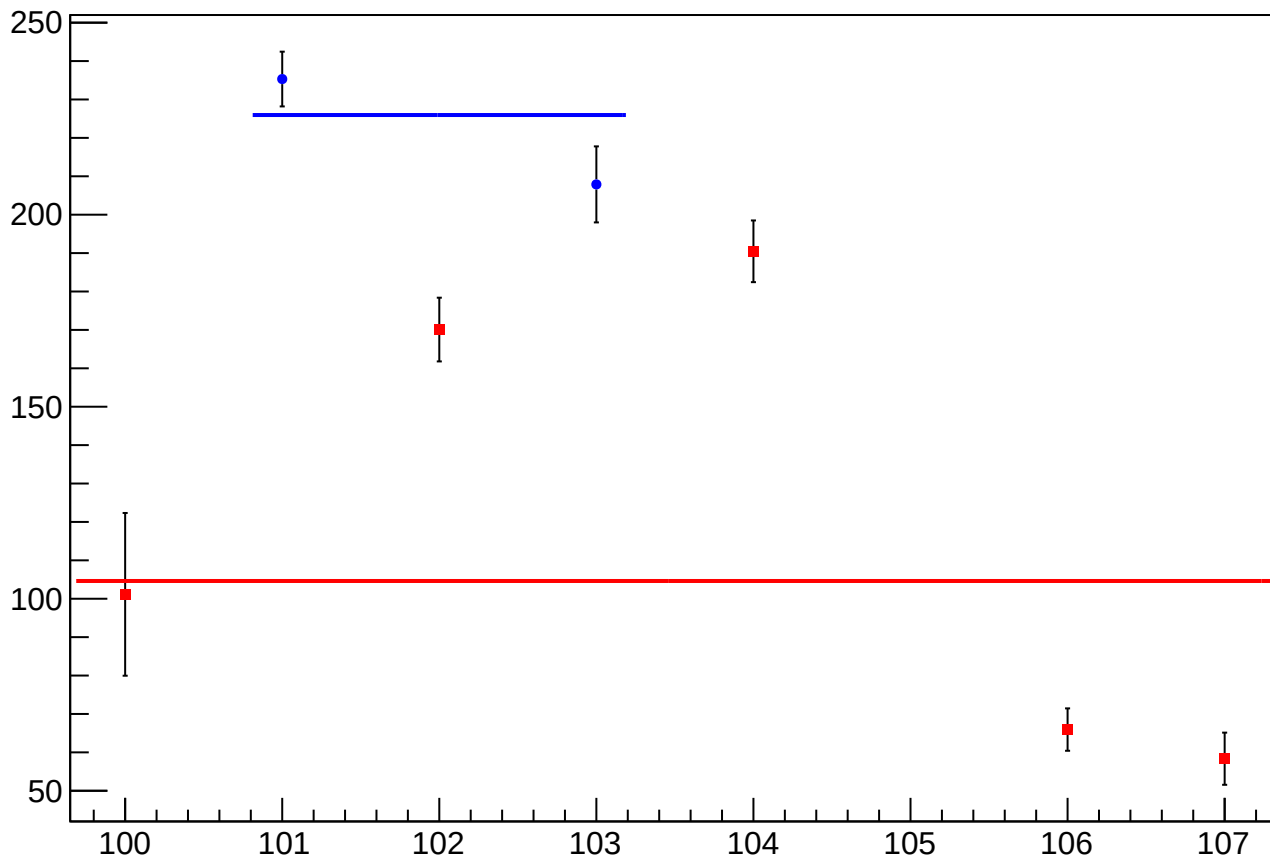
Right: -18.203 +/- 0.058 χ^2/NDF : 429859.8/6

In: -15.298 +/- 0.086 χ^2/NDF : 253617.2/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -18.203 +/- 0.058 χ^2/NDF : 429859.8/6

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 225.953 $\pm$ 5.784 χ^2 /NDF: 5.1/1

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

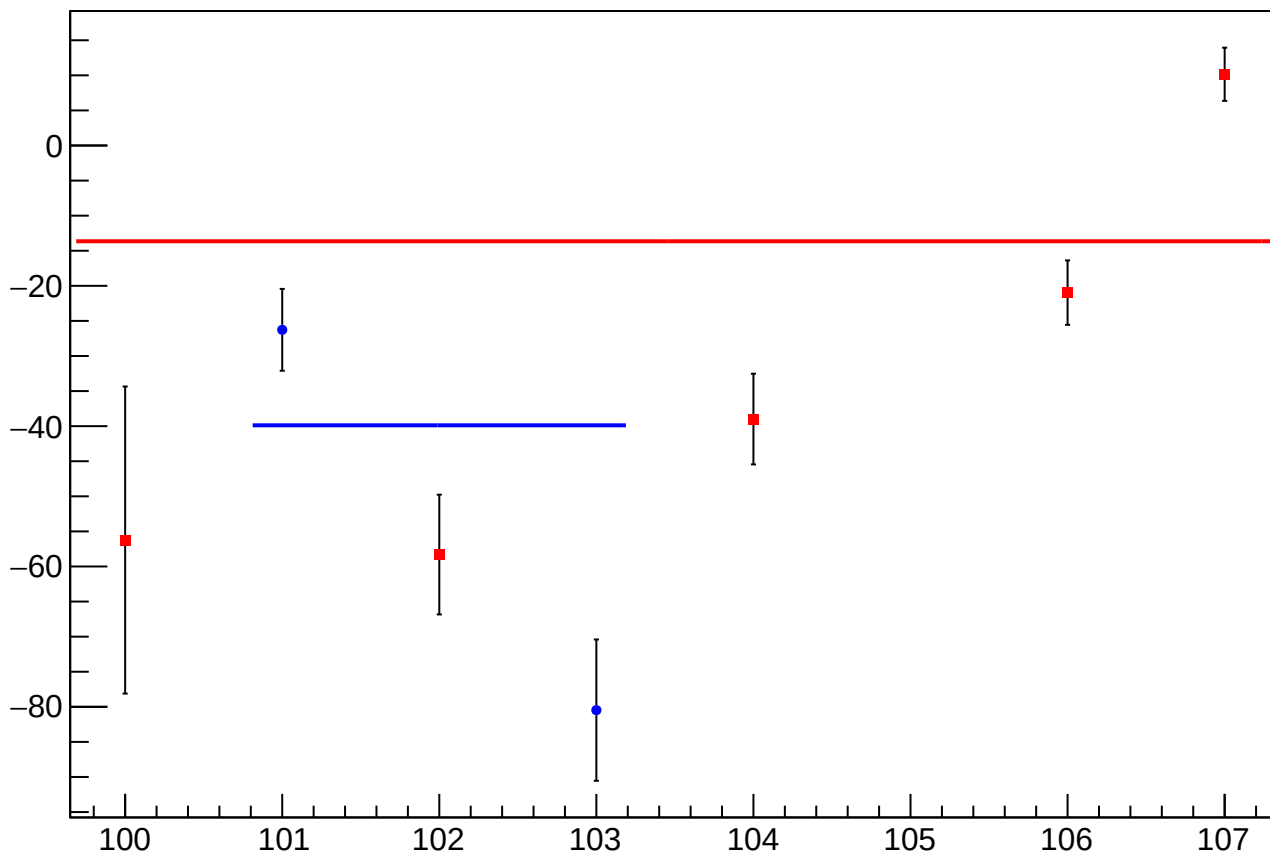
Right: 135.709 $\pm$ 2.928 χ^2 /NDF: 604.4/6

In: 225.953 $\pm$ 5.784 χ^2 /NDF:5.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 135.709 $\pm$ 2.928 χ^2 /NDF: 604.4/6

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -39.880 $\pm$ 5.047 χ^2 /NDF: 21.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -13.647 $\pm$ 2.526 χ^2 /NDF: 88.5/4

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

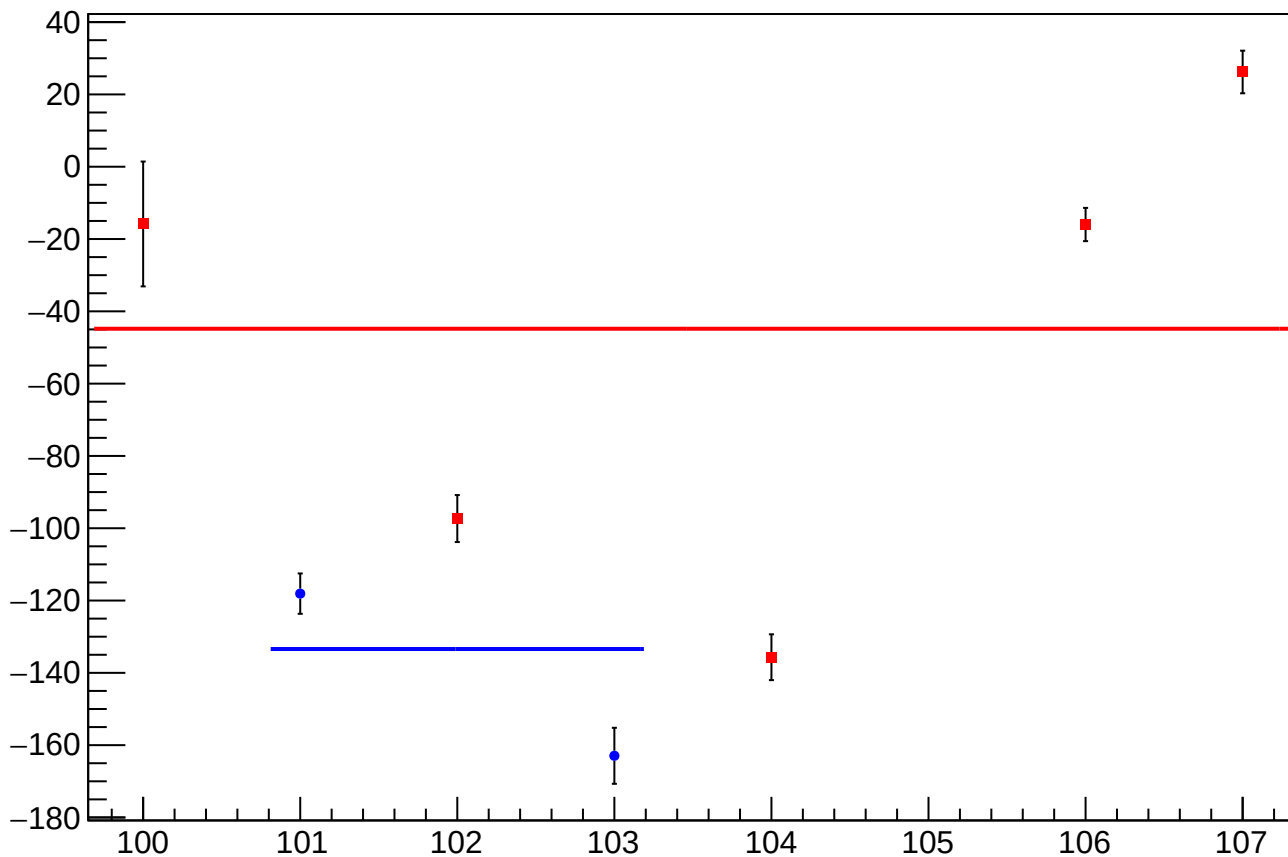
Right: -18.902 $\pm$ 2.259 χ^2 /NDF: 131.8/6

In: -39.880 $\pm$ 5.047 χ^2 /NDF:21.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -18.902 $\pm$ 2.259 χ^2 /NDF: 131.8/6

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -133.408 $\pm$ 4.527 χ^2 /NDF: 22.1/1

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

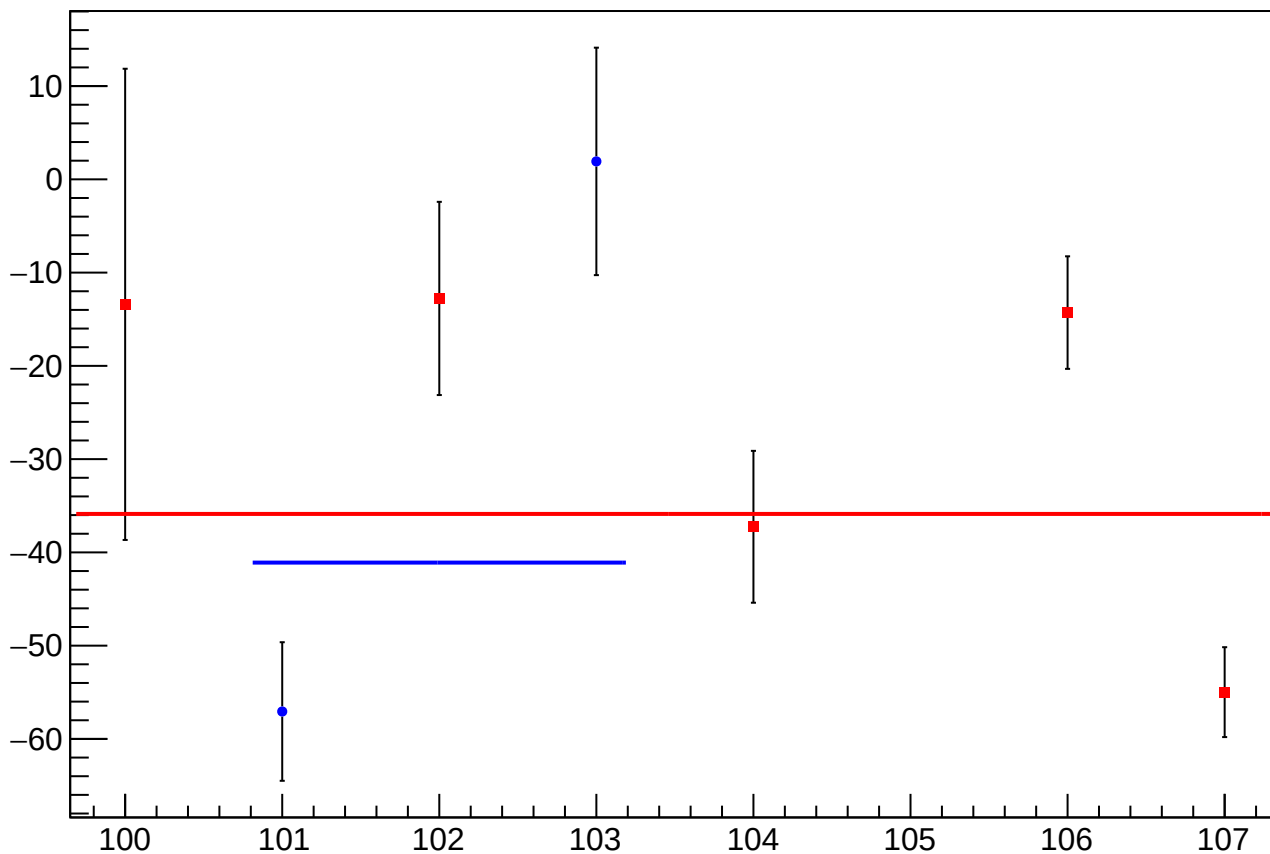
Right: -69.267 $\pm$ 2.379 χ^2 /NDF: 757.4/6

In: -133.408 $\pm$ 4.527 χ^2 /NDF:22.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -69.267 $\pm$ 2.379 χ^2 /NDF: 757.4/6

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -41.094 $\pm$ 6.345 χ^2 /NDF: 17.1/1

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

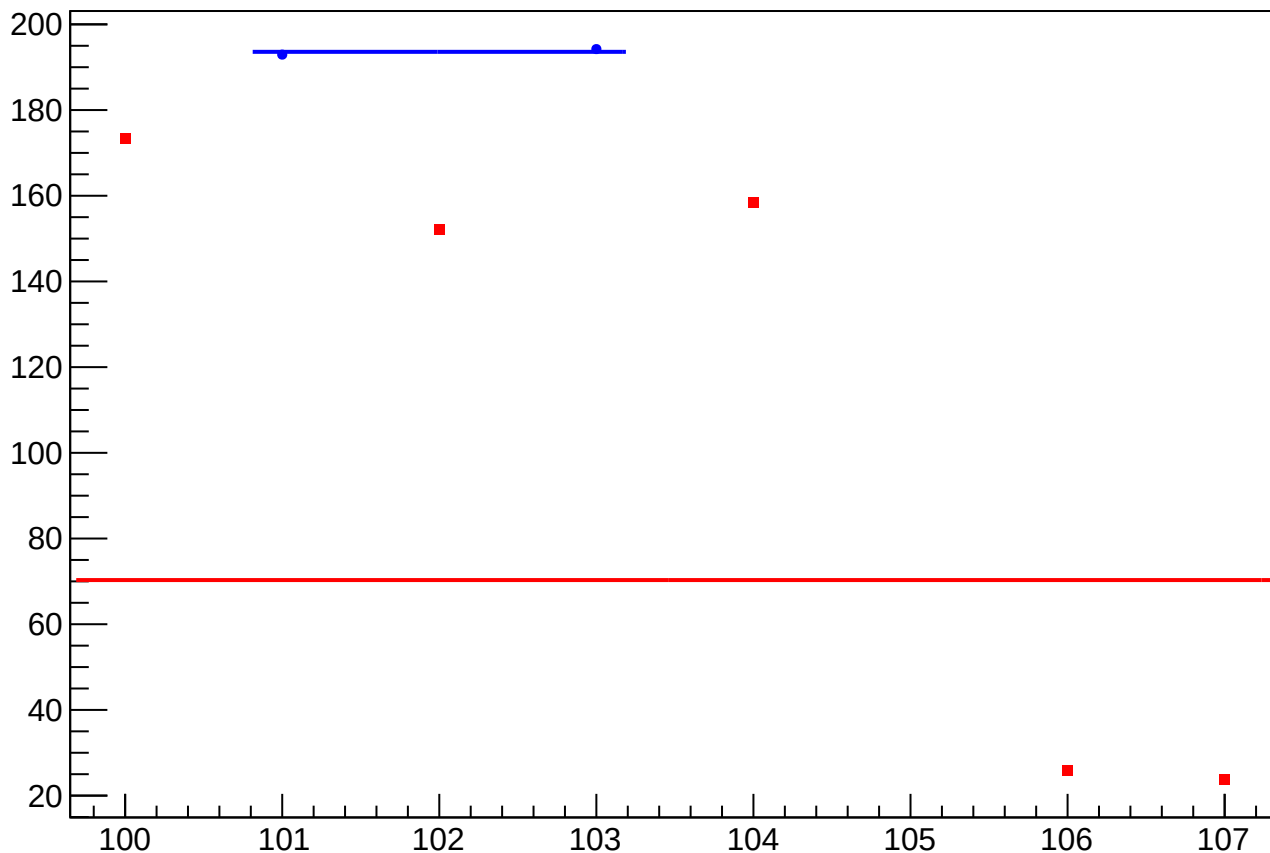
Right: -36.944 $\pm$ 2.871 χ^2 /NDF: 51.9/6

In: -41.094 $\pm$ 6.345 χ^2 /NDF: 17.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -36.944 $\pm$ 2.871 χ^2 /NDF: 51.9/6

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 193.587 $\pm$ 0.235 χ^2 /NDF: 7.5/1

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

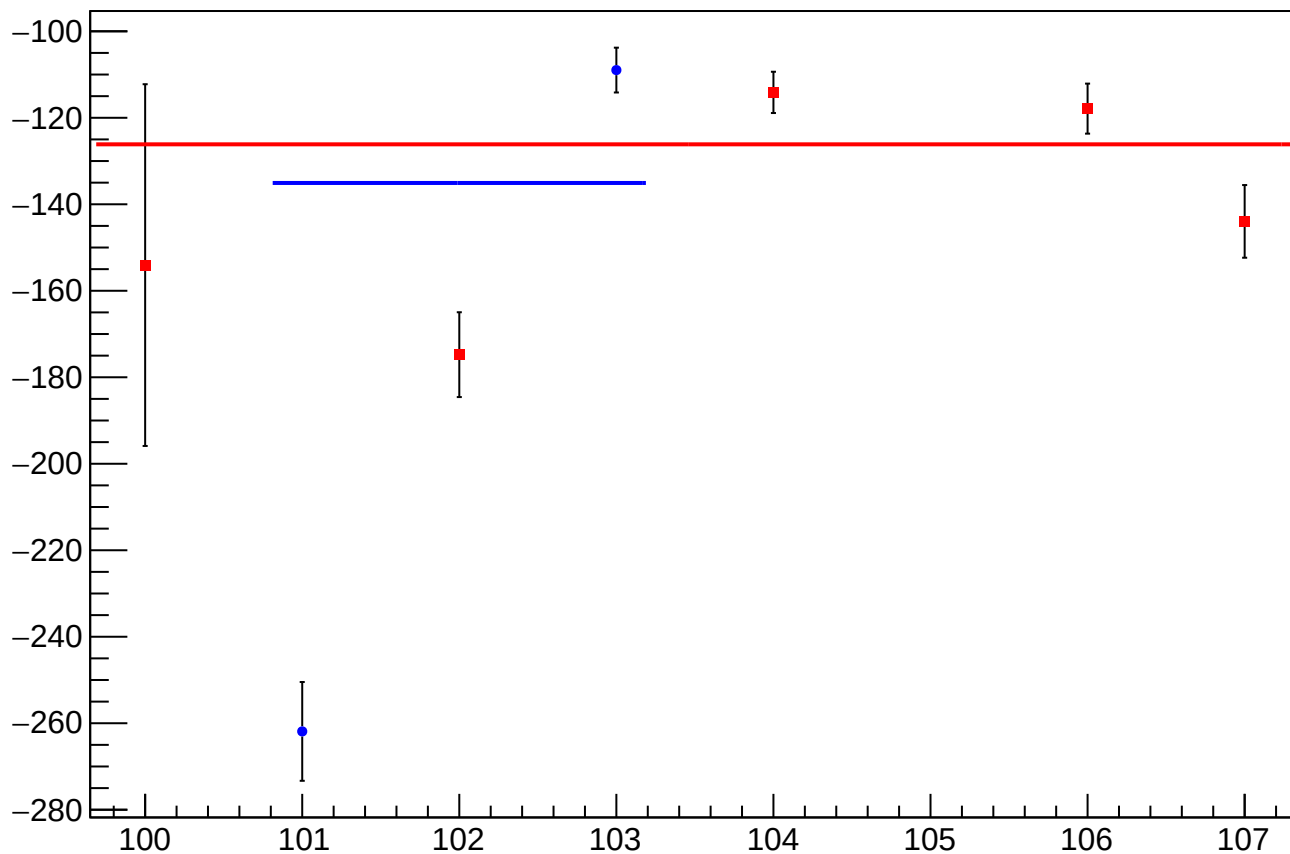
Right: 95.715 $\pm$ 0.107 χ^2 /NDF: 490025.6/6

In: 193.587 $\pm$ 0.235 χ^2 /NDF:7.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 95.715 $\pm$ 0.107 χ^2 /NDF: 490025.6/6

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -135.070+/-4.719 χ^2 /NDF: 148.7/1

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

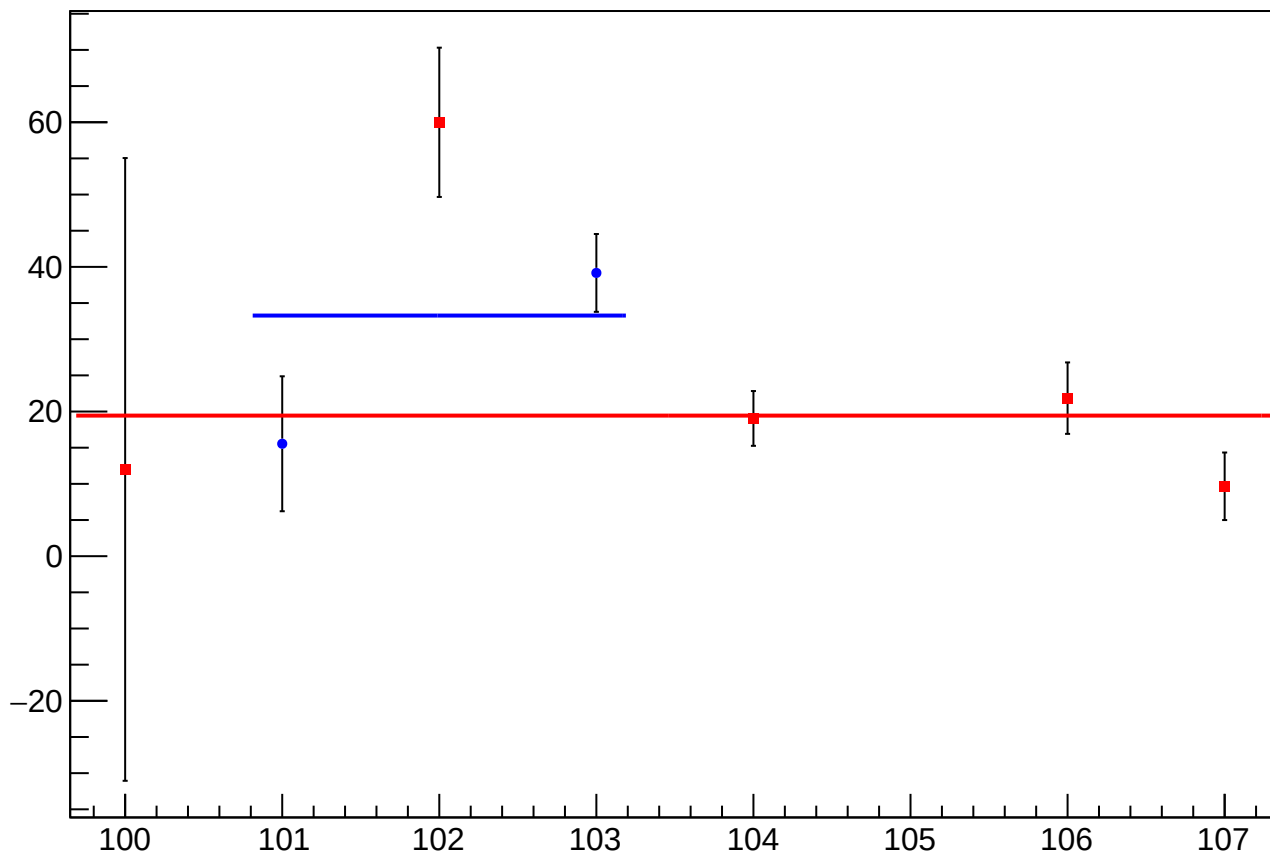
Right: -128.926+/-2.637 χ^2 /NDF: 189.0/6

In: -135.070+/-4.719 χ^2 /NDF:148.7/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -128.926+/-2.637 χ^2 /NDF: 189.0/6

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 33.271+/-4.661 χ^2 /NDF: 4.8/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 19.438+/-2.451 χ^2 /NDF: 20.1/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

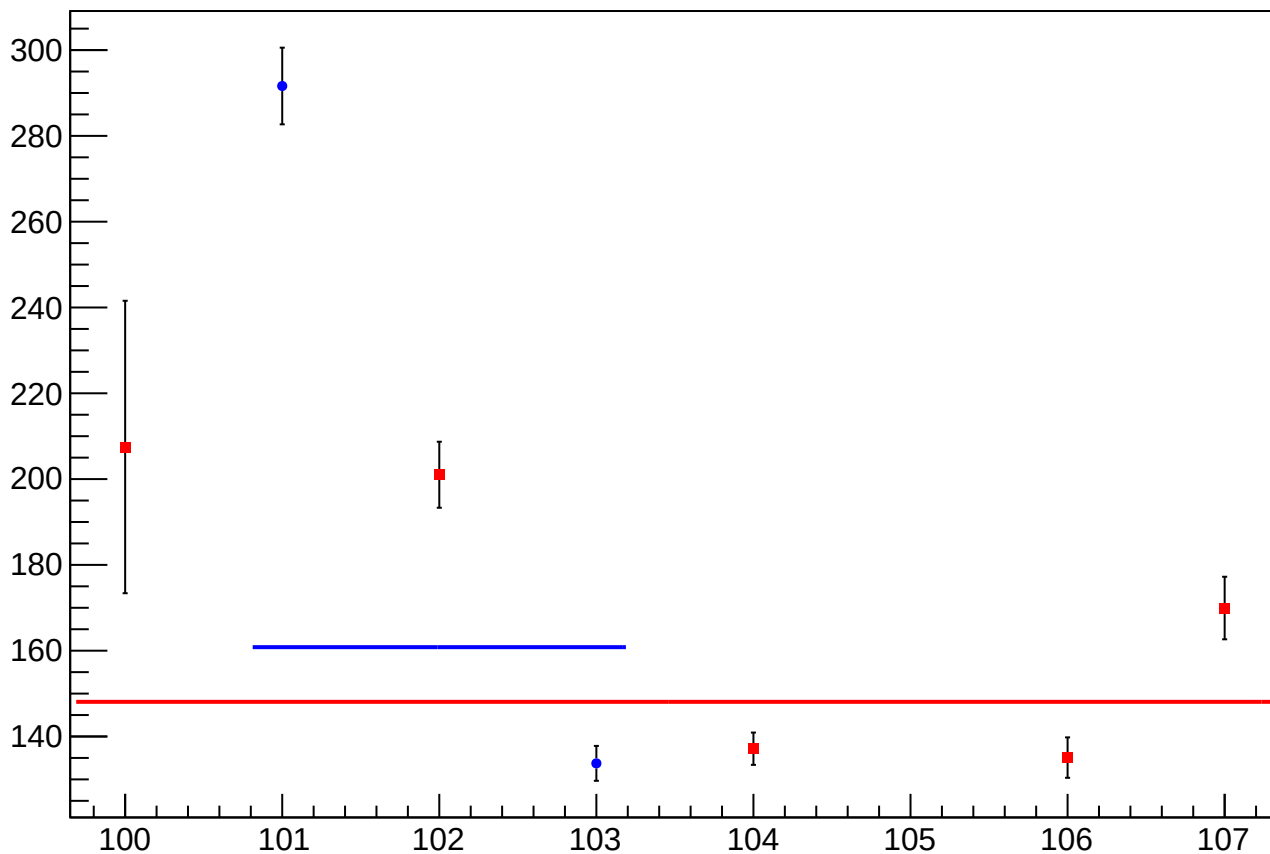
Right: 22.434+/-2.169 χ^2 /NDF: 31.8/6

In: 33.271+/-4.661 χ^2 /NDF:4.8/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 22.434+/-2.169 χ^2 /NDF: 31.8/6

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 160.823+/-3.701 χ^2/NDF : 258.6/1

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

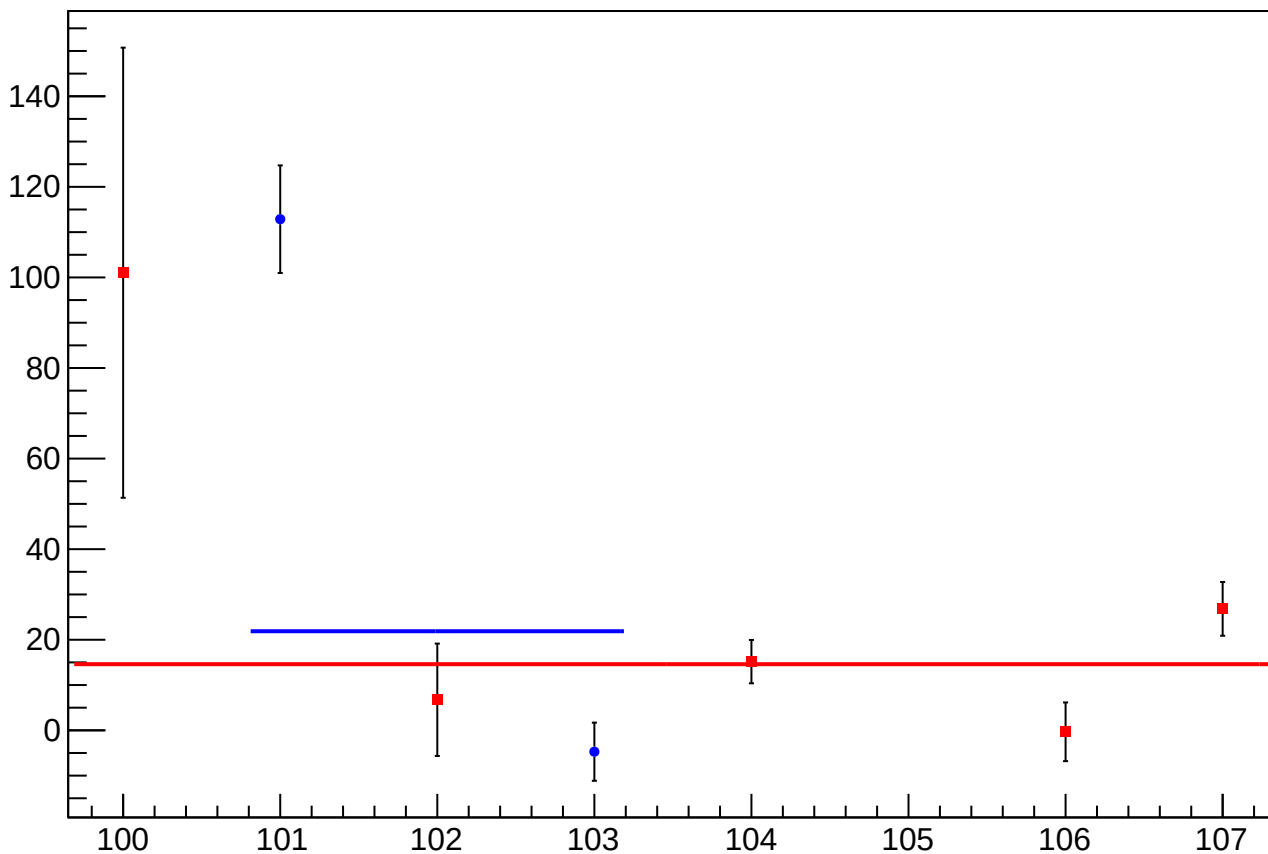
Right: 152.211+/-2.107 χ^2/NDF : 342.1/6

In: 160.823+/-3.701 χ^2/NDF : 258.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.211+/-2.107 χ^2/NDF : 342.1/6

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 21.880+/-5.649 χ^2/NDF : 75.8/1

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

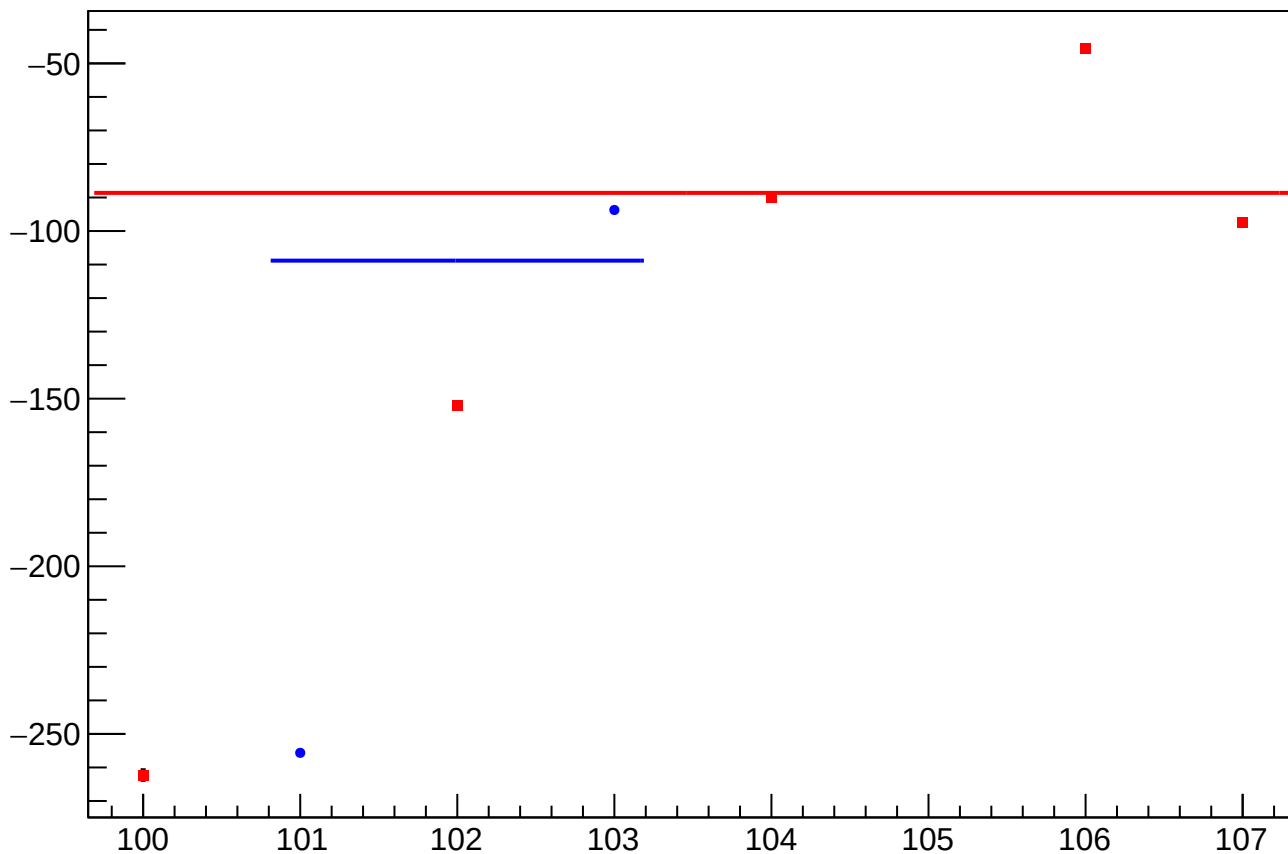
Right: 16.305+/-2.731 χ^2/NDF : 90.1/6

In: 21.880+/-5.649 χ^2/NDF : 75.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.305+/-2.731 χ^2/NDF : 90.1/6

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -108.830 ± 0.162 χ^2/NDF : 84311.0/1

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

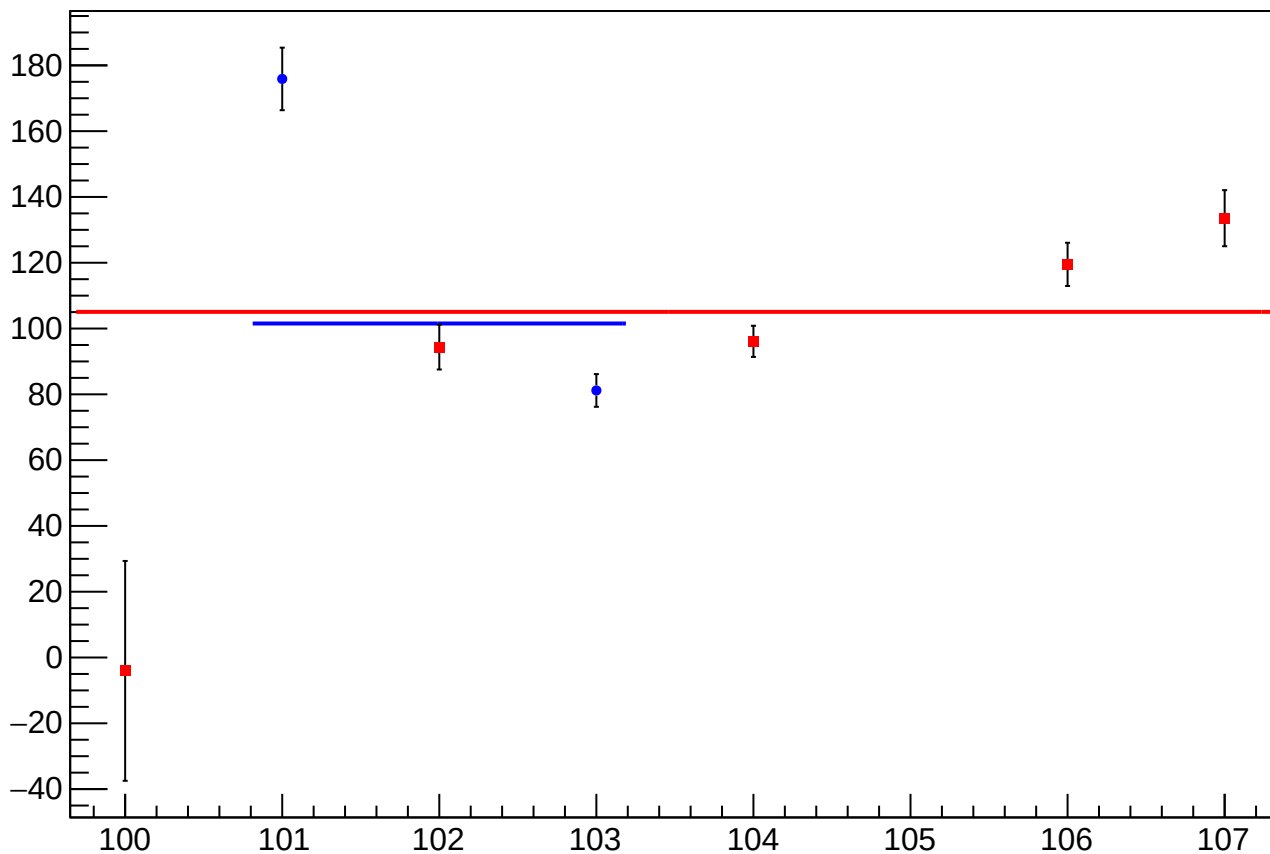
Right: -95.753 ± 0.096 χ^2/NDF : 176615.9/6

In: -108.830 ± 0.162 χ^2/NDF : 84311.0/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -95.753 ± 0.096 χ^2/NDF : 176615.9/6

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 101.531+/-4.406 χ^2/NDF : 77.9/1

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

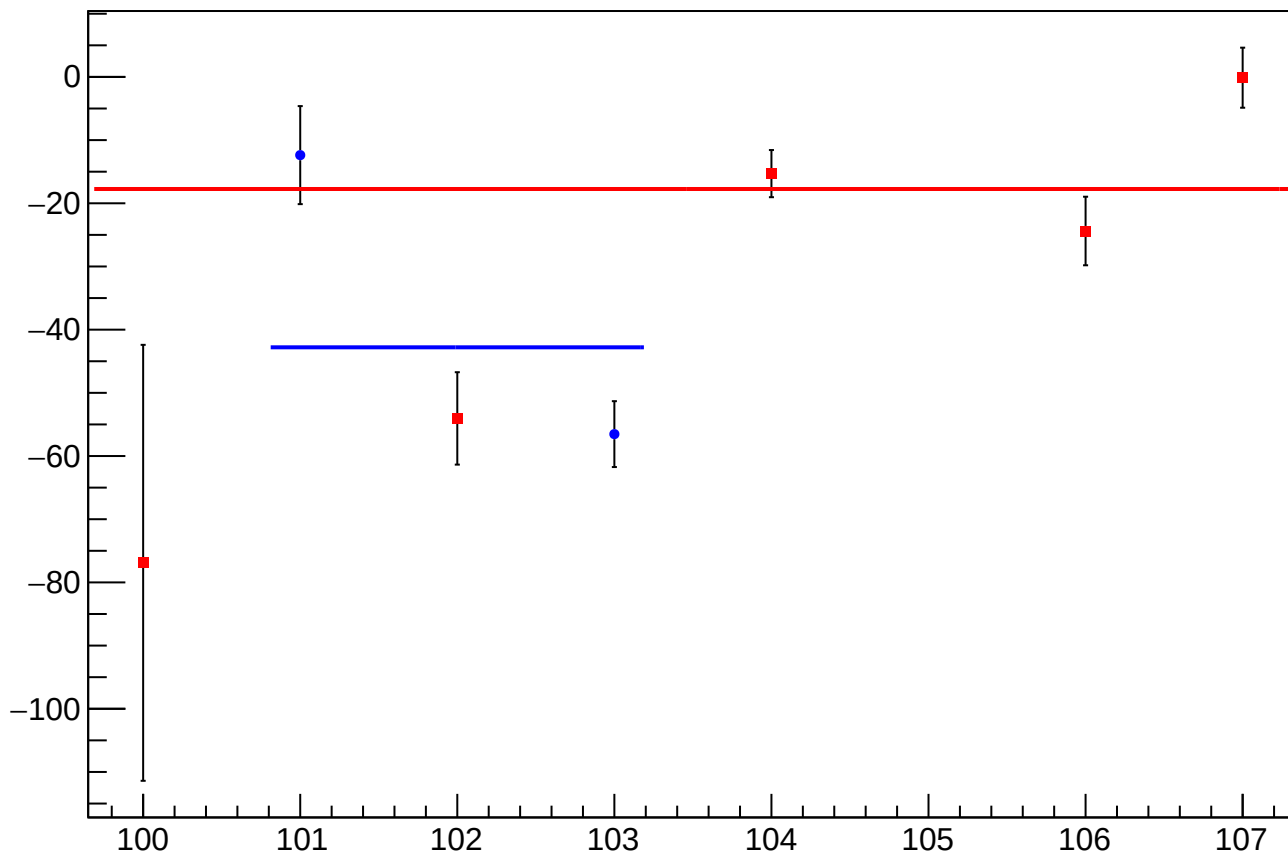
Right: 103.897+/-2.537 χ^2/NDF : 111.1/6

In: 101.531+/-4.406 χ^2/NDF : 77.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.897+/-2.537 χ^2/NDF : 111.1/6

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.795+/-4.327 χ^2/NDF : 22.3/1

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

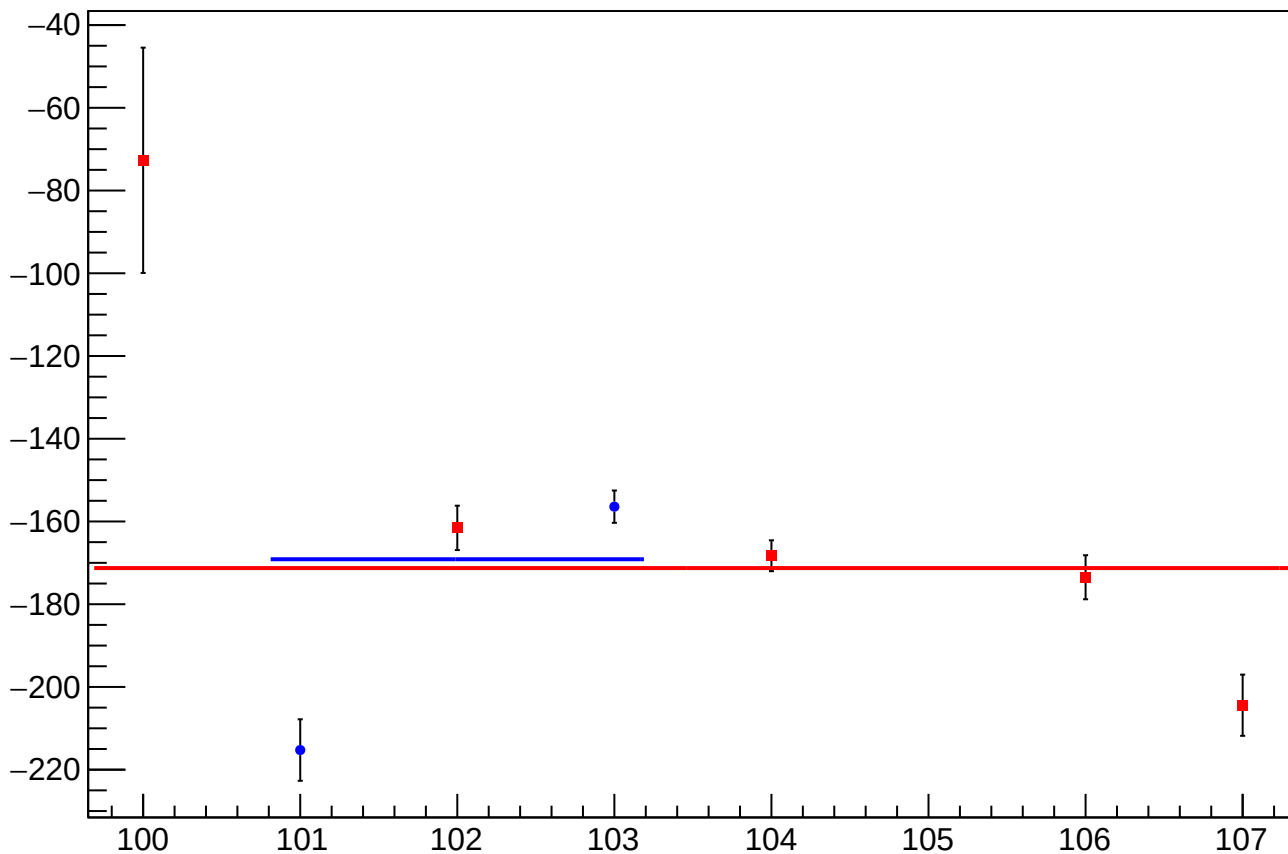
Right: -23.740+/-2.118 χ^2/NDF : 91.1/6

In: -42.795+/-4.327 χ^2/NDF : 22.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.740+/-2.118 χ^2/NDF : 91.1/6

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -169.132 $\pm$ 3.456 χ^2 /NDF: 49.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -171.262 $\pm$ 2.489 χ^2 /NDF: 37.3/4

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

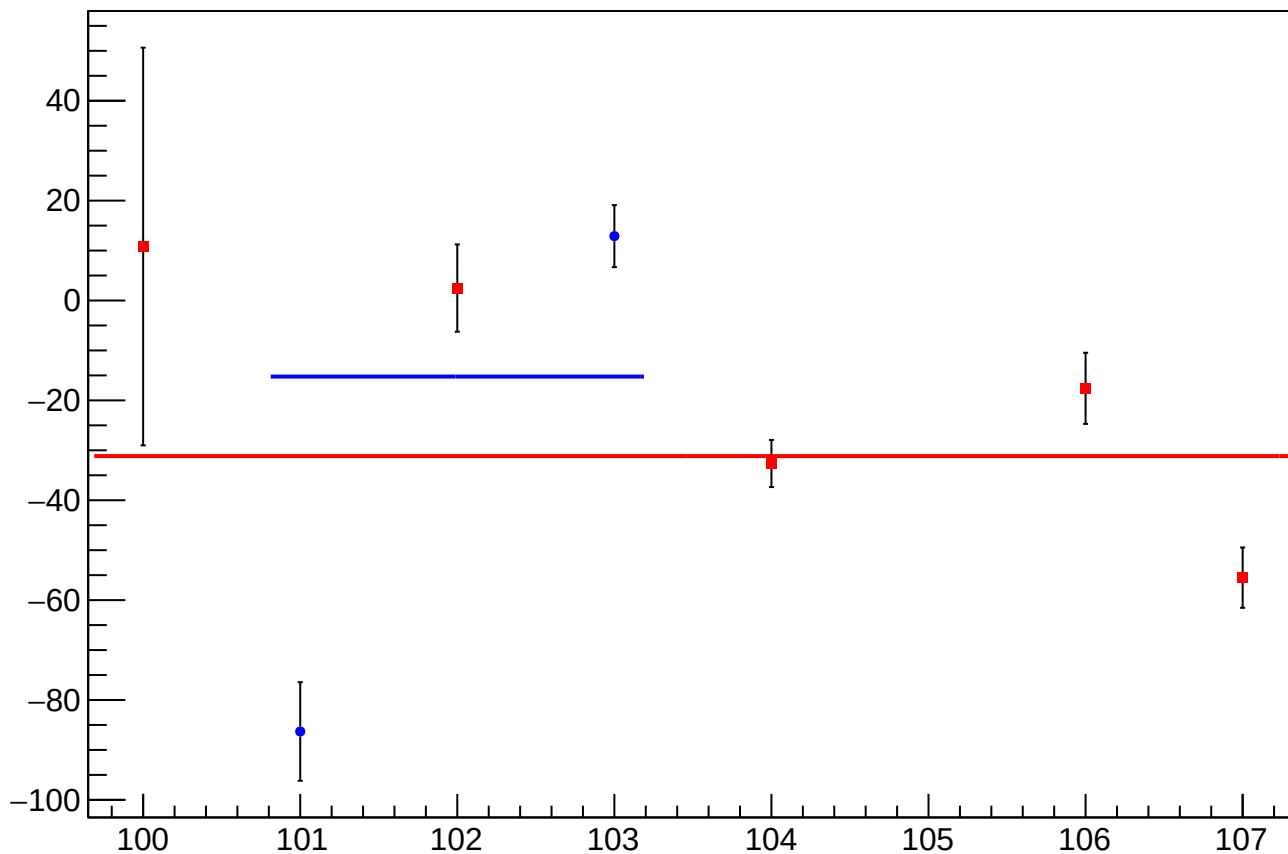
Right: -170.534 $\pm$ 2.020 χ^2 /NDF: 86.6/6

In: -169.132 $\pm$ 3.456 χ^2 /NDF: 49.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -170.534 $\pm$ 2.020 χ^2 /NDF: 86.6/6

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -15.232 $\pm$ 5.258 χ^2 /NDF: 72.3/1

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

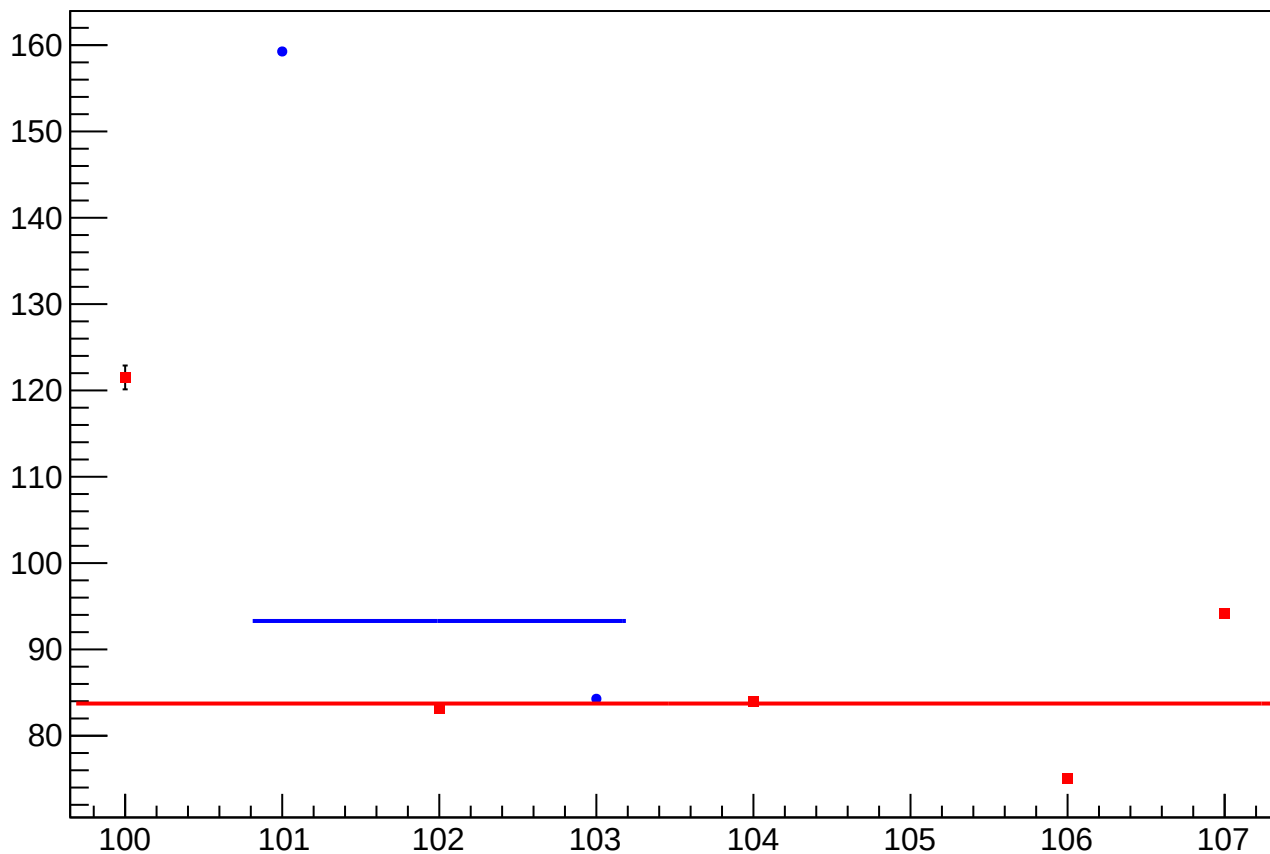
Right: -27.099 $\pm$ 2.654 χ^2 /NDF: 115.0/6

In: -15.232 $\pm$ 5.258 χ^2 /NDF: 72.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -27.099 $\pm$ 2.654 χ^2 /NDF: 115.0/6

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 93.296+/-0.153 χ^2/NDF : 25444.8/1

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

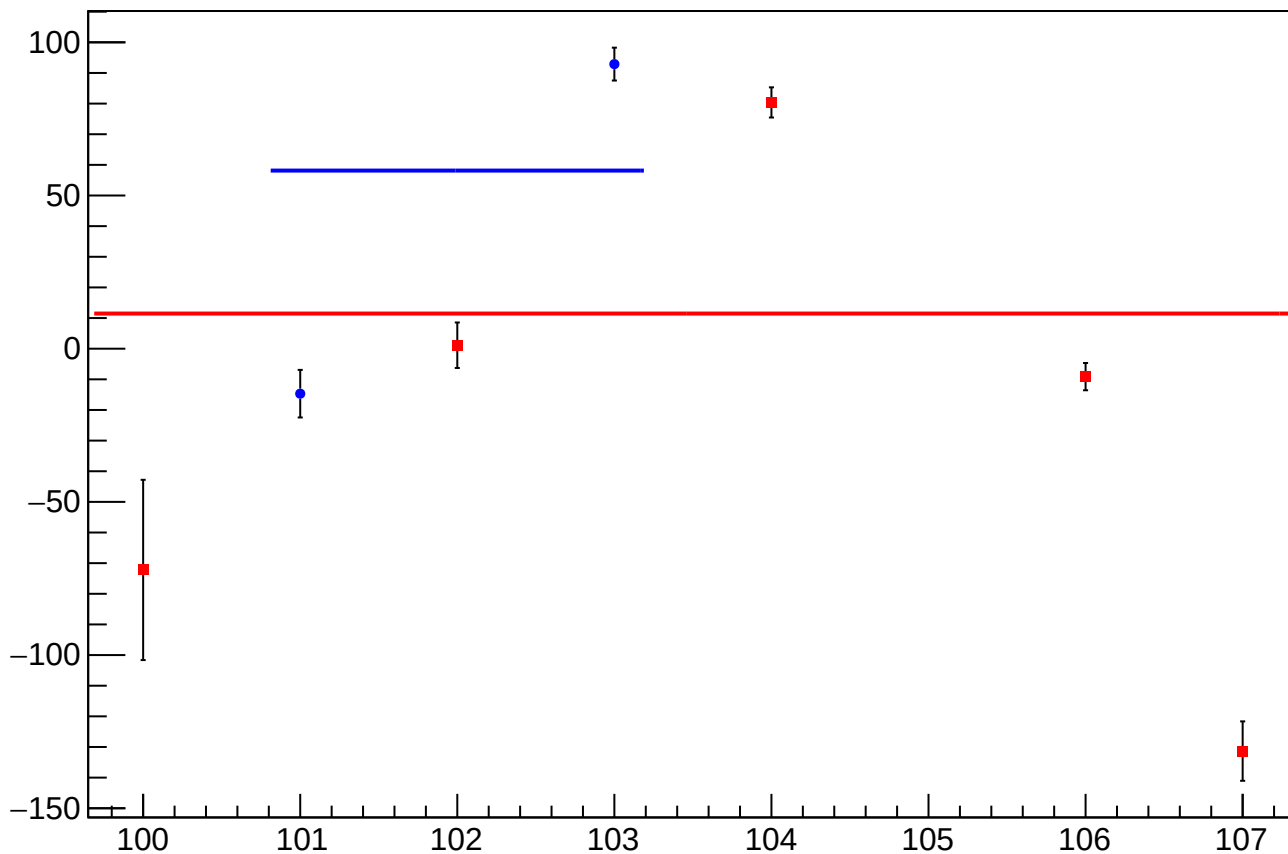
Right: 87.142+/-0.091 χ^2/NDF : 31079.4/6

In: 93.296+/-0.153 χ^2/NDF : 25444.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.142+/-0.091 χ^2/NDF : 31079.4/6

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 58.137 ± 4.414 $\chi^2/\text{NDF}: 129.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 11.470 ± 2.867 $\chi^2/\text{NDF}: 444.2/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

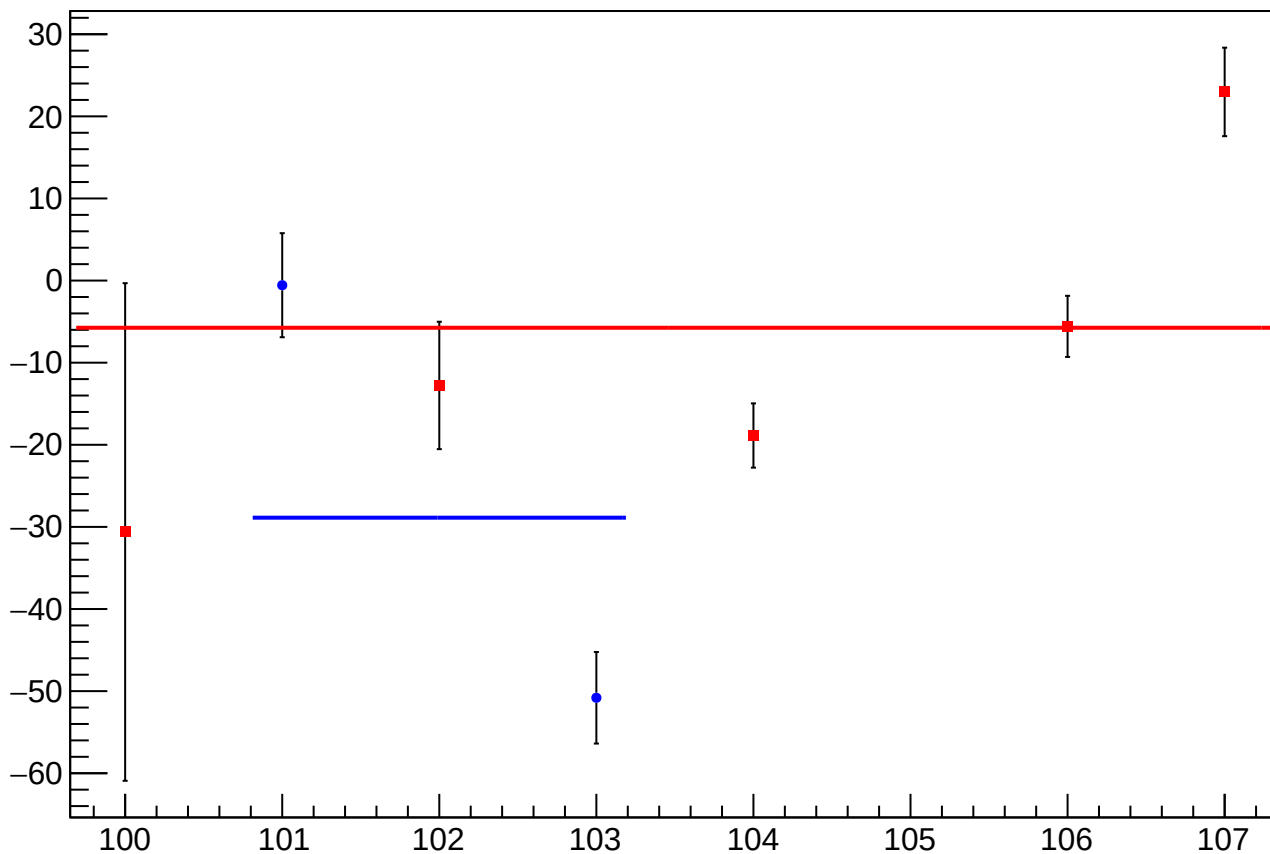
Right: 25.318 ± 2.404 $\chi^2/\text{NDF}: 652.7/6$

In: 58.137 ± 4.414 $\chi^2/\text{NDF}: 129.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 25.318 ± 2.404 $\chi^2/\text{NDF}: 652.7/6$

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -28.876 $\pm$ 4.186 χ^2 /NDF: 35.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -5.745 $\pm$ 2.297 χ^2 /NDF: 41.1/4

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

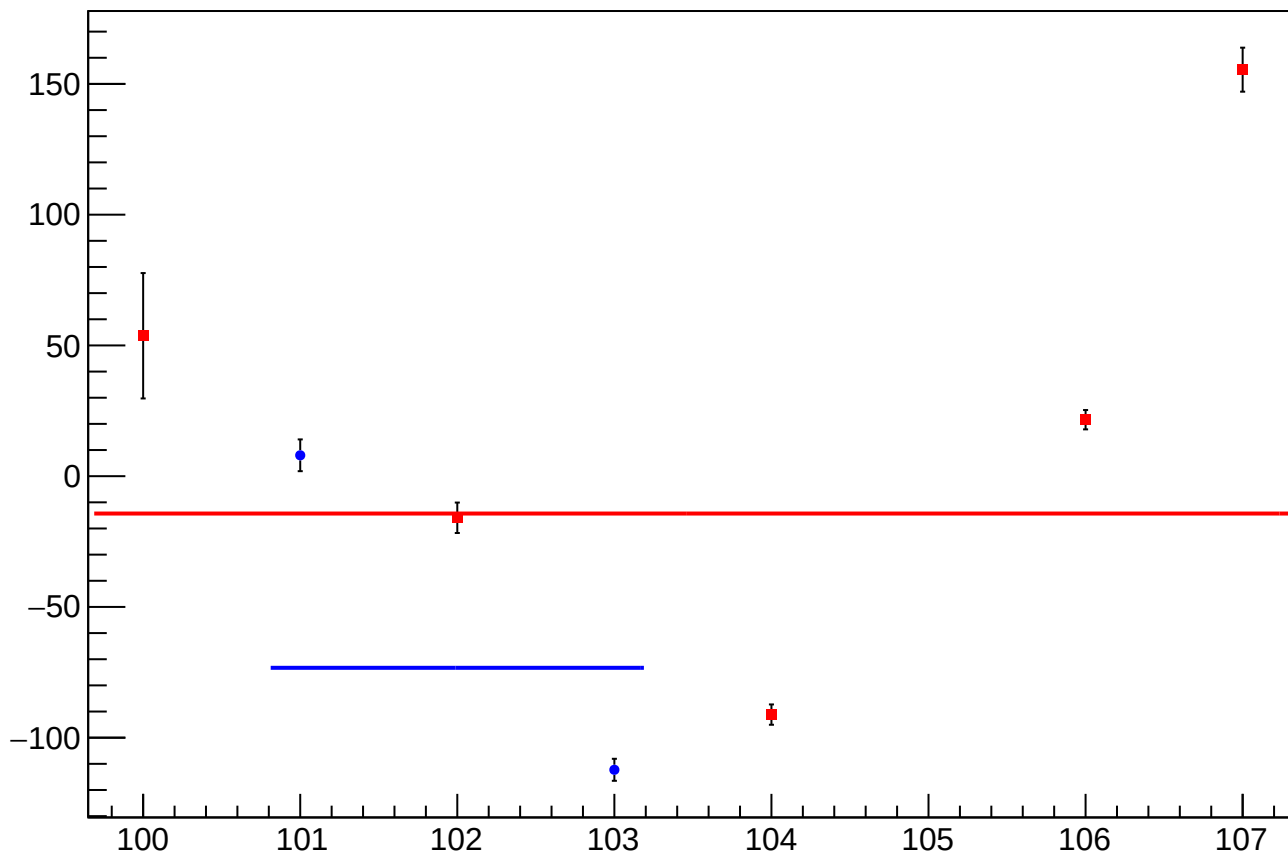
Right: -11.096 $\pm$ 2.013 χ^2 /NDF: 100.0/6

In: -28.876 $\pm$ 4.186 χ^2 /NDF:35.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -11.096 $\pm$ 2.013 χ^2 /NDF: 100.0/6

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -73.277+/-3.459 χ^2/NDF : 264.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.284+/-2.326 χ^2/NDF : 901.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

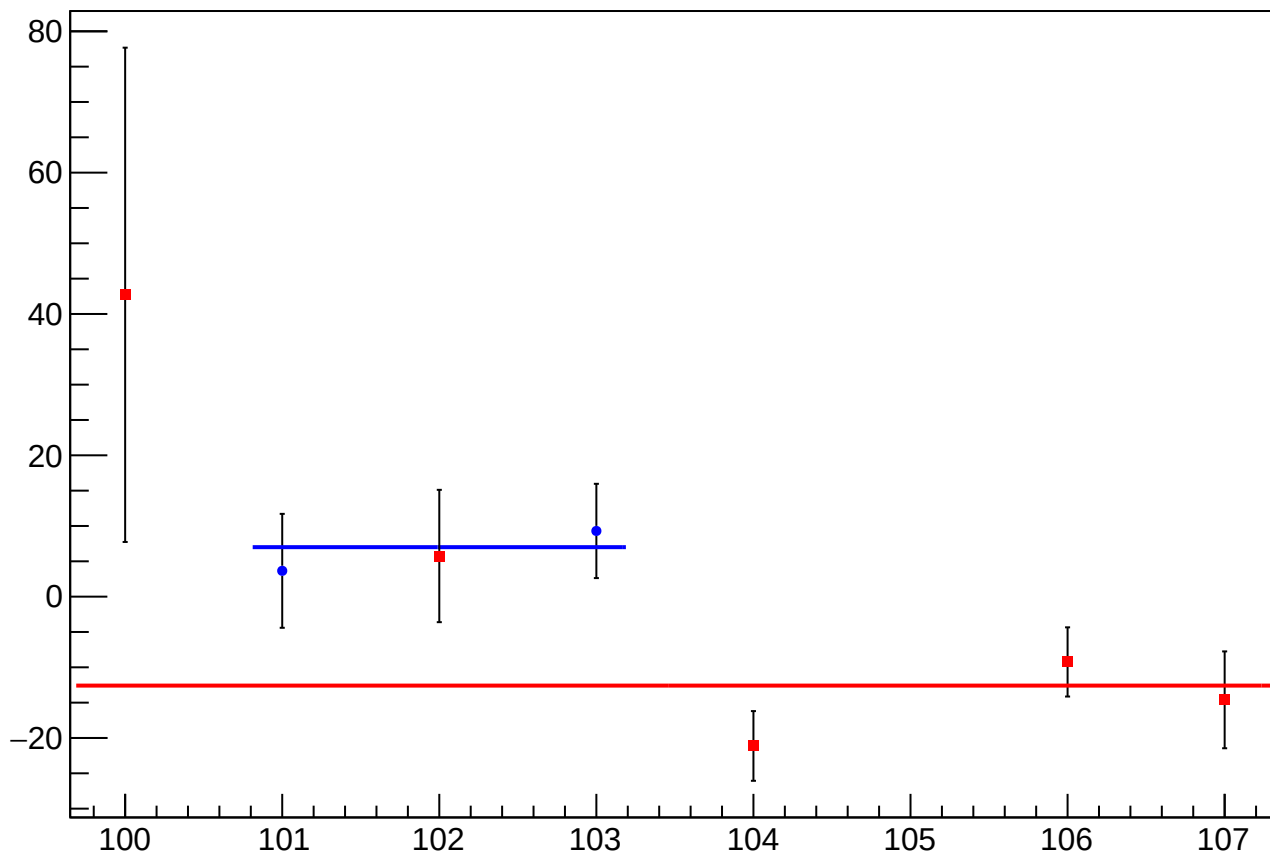
Right: -32.650+/-1.930 χ^2/NDF : 1366.3/6

In: -73.277+/-3.459 χ^2/NDF : 264.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.650+/-1.930 χ^2/NDF : 1366.3/6

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.002 $\pm$ 5.139 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -12.587 $\pm$ 2.932 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

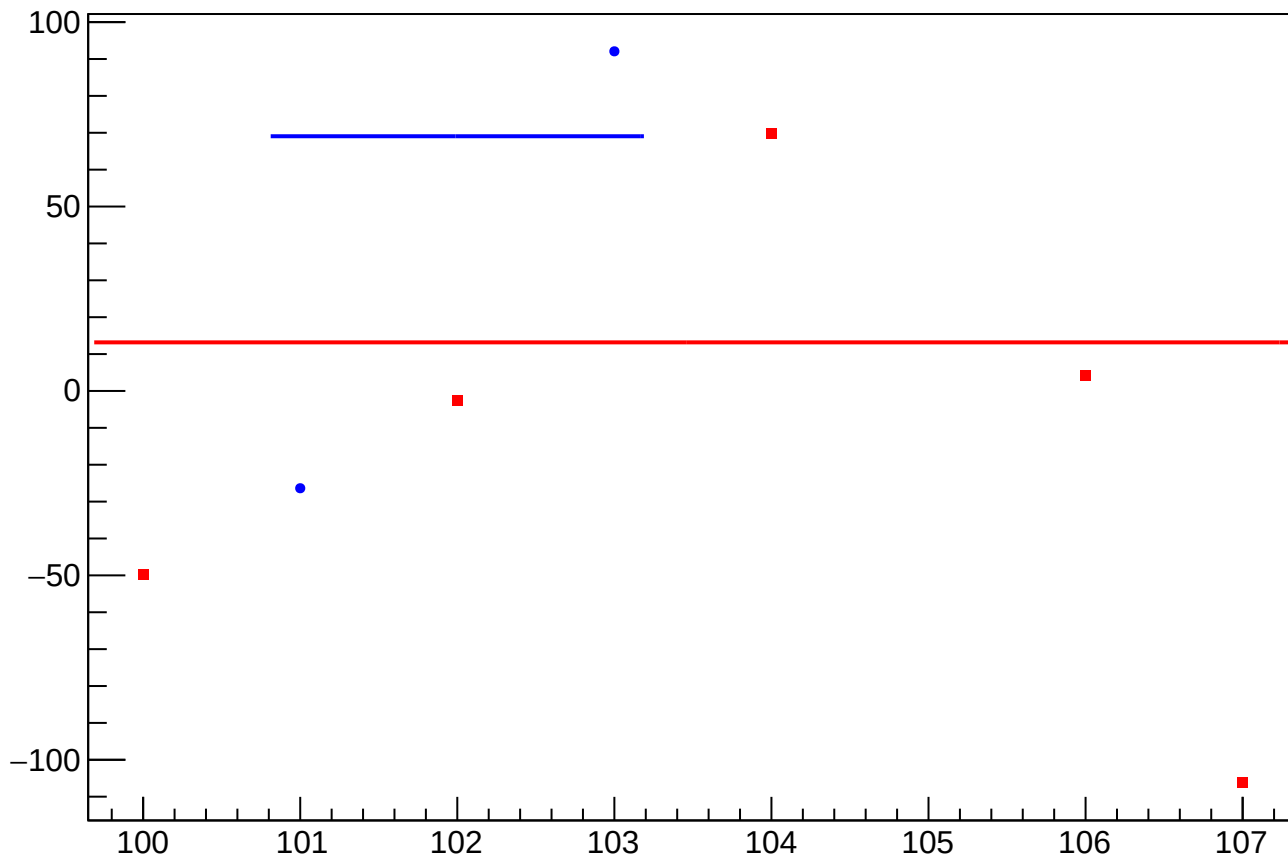
Right: -7.777 $\pm$ 2.546 χ^2 /NDF: 21.1/6

In: 7.002 $\pm$ 5.139 χ^2 /NDF: 0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -7.777 $\pm$ 2.546 χ^2 /NDF: 21.1/6

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 69.058+/-0.158 χ^2/NDF : 87514.1/1

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

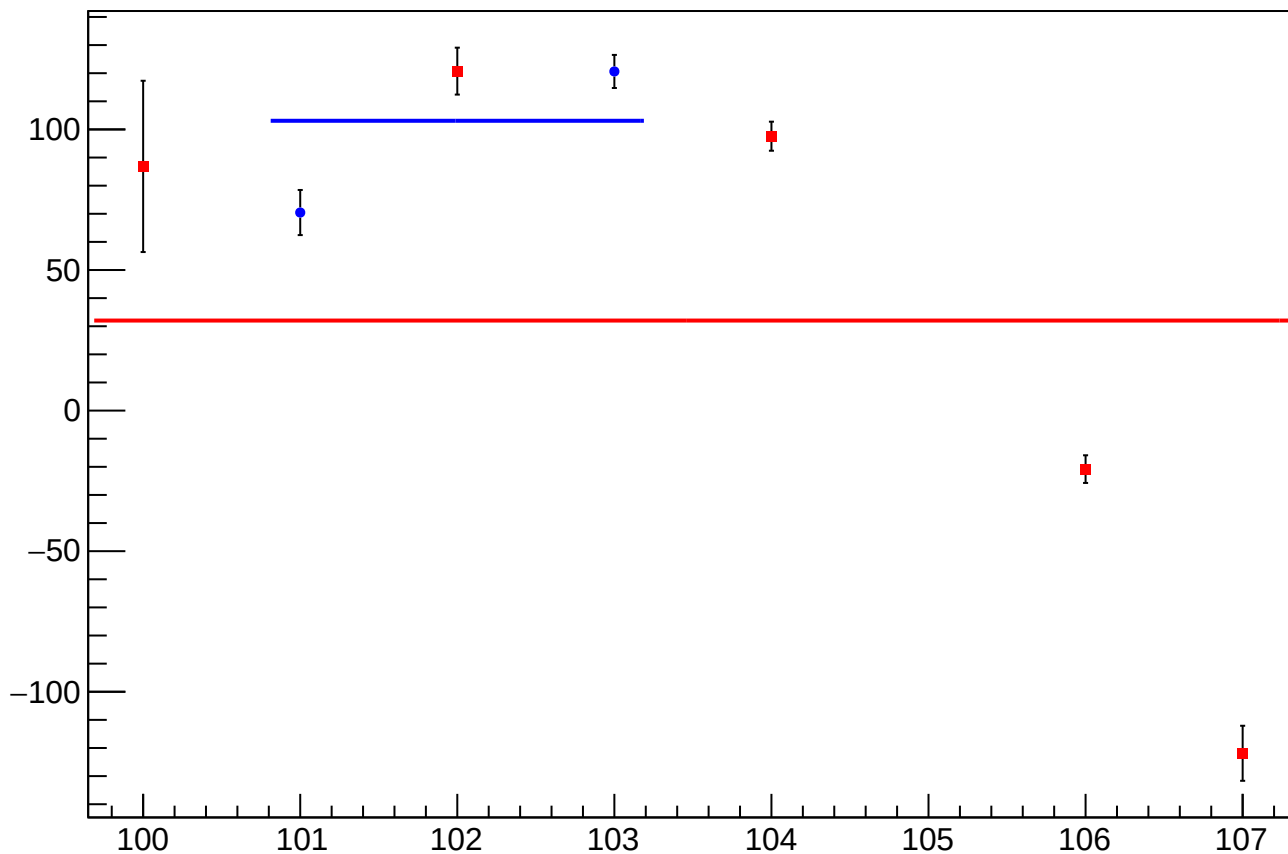
Right: 30.778+/-0.089 χ^2/NDF : 395046.1/6

In: 69.058+/-0.158 χ^2/NDF : 87514.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.778+/-0.089 χ^2/NDF : 395046.1/6

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 103.076+/-4.744 χ^2/NDF : 25.4/1

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

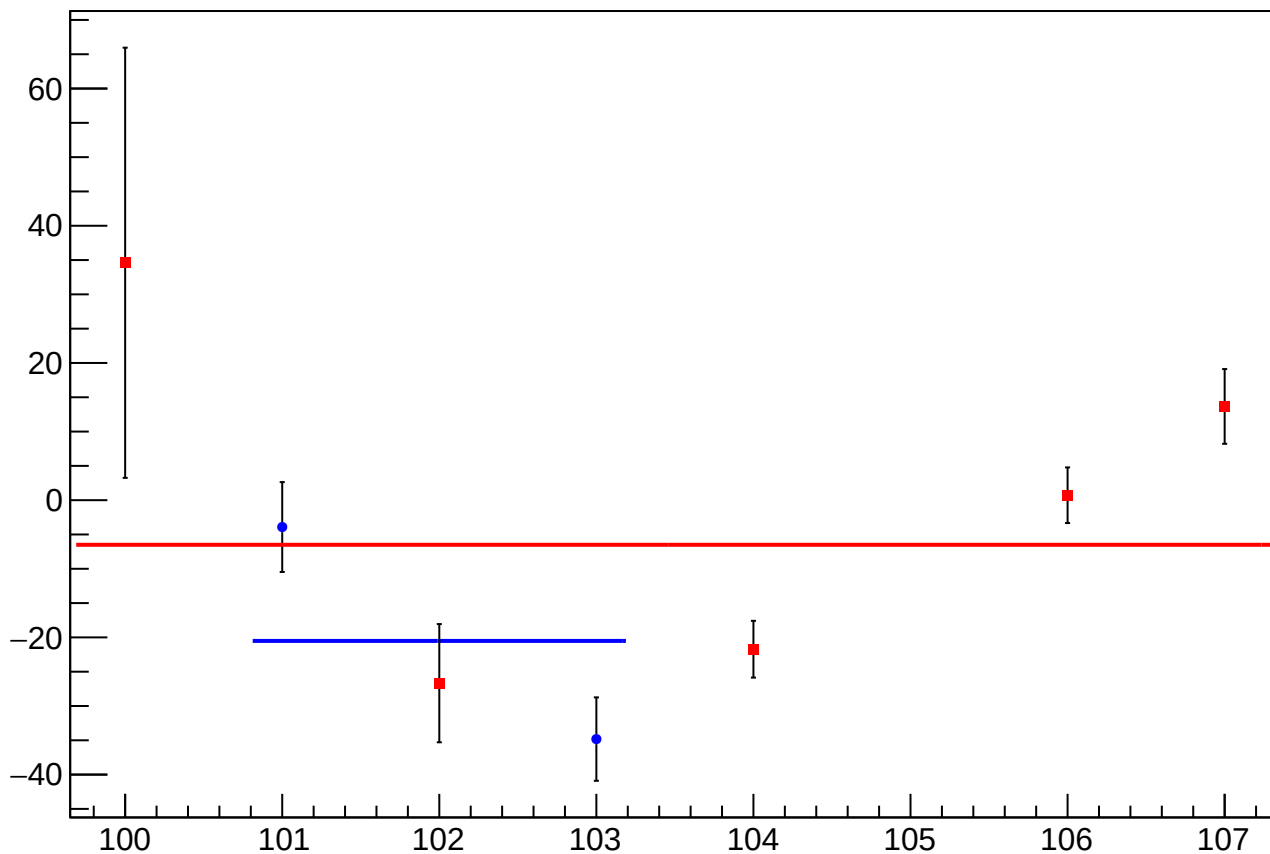
Right: 53.199+/-2.590 χ^2/NDF : 822.8/6

In: 103.076+/-4.744 χ^2/NDF : 25.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.199+/-2.590 χ^2/NDF : 822.8/6

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -20.514 $\pm$ 4.456 χ^2 /NDF: 12.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -6.503 $\pm$ 2.444 χ^2 /NDF: 37.6/4

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

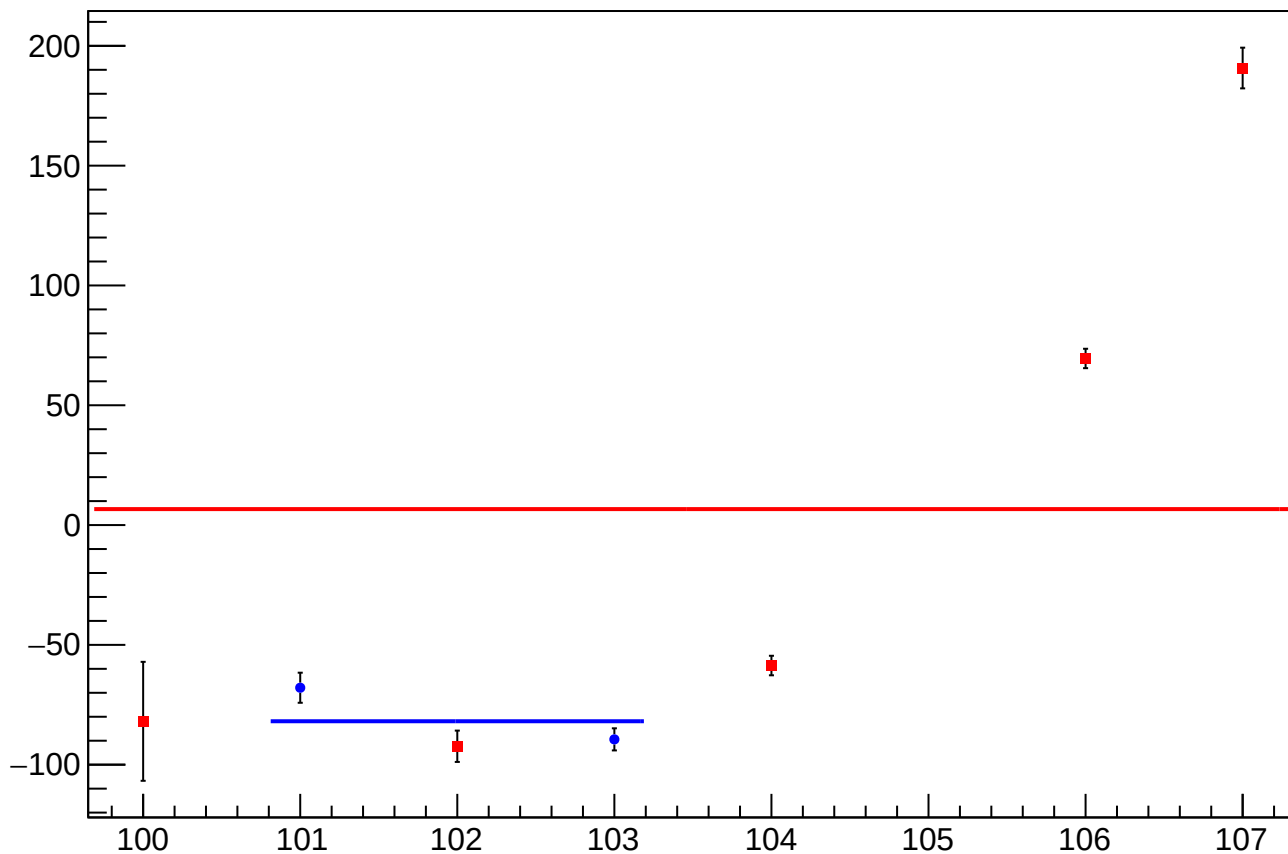
Right: -9.744 $\pm$ 2.143 χ^2 /NDF: 57.2/6

In: -20.514 $\pm$ 4.456 χ^2 /NDF:12.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -9.744 $\pm$ 2.143 χ^2 /NDF: 57.2/6

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -81.877 $\pm$ 3.718 χ^2/NDF : 7.7/1

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

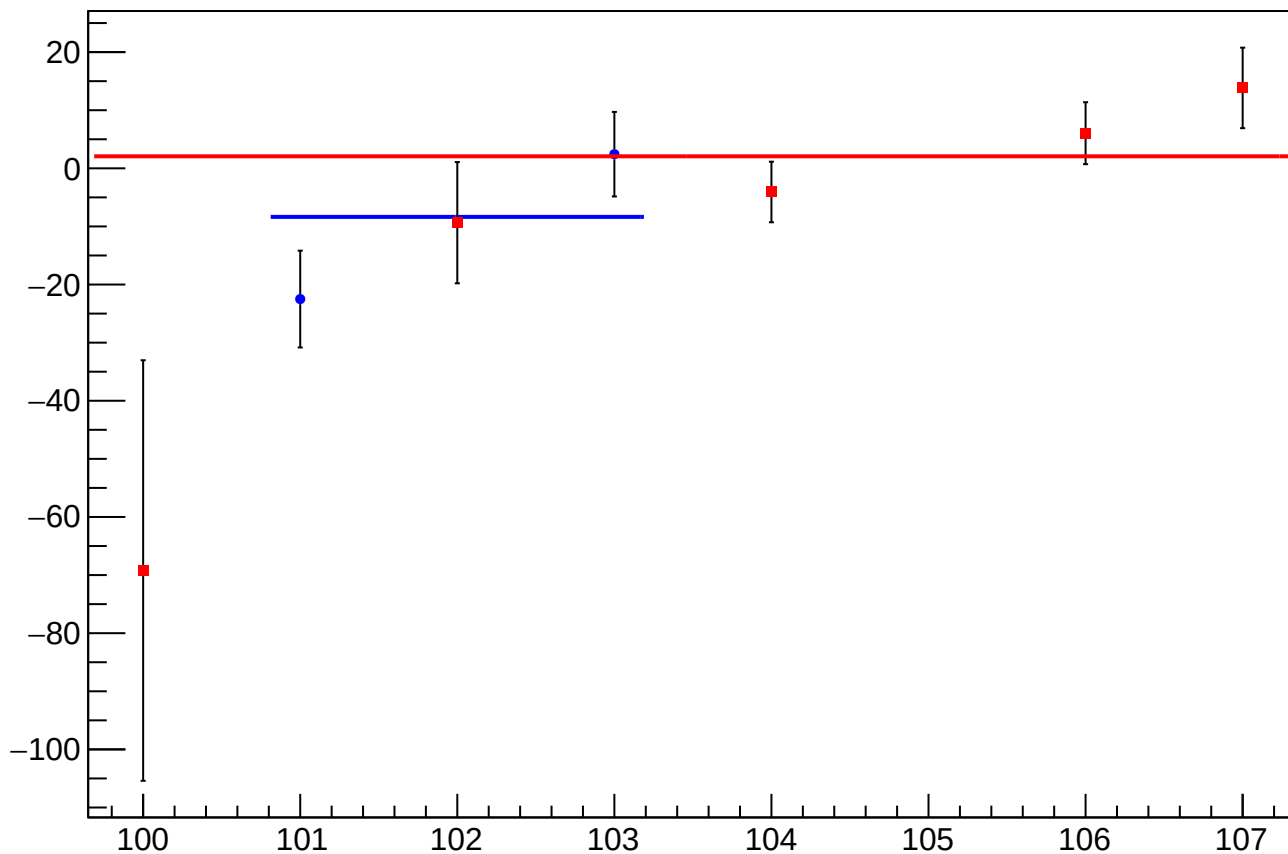
Right: -20.902 $\pm$ 2.074 χ^2/NDF : 1607.5/6

In: -81.877 $\pm$ 3.718 χ^2/NDF : 7.7/1

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -20.902 $\pm$ 2.074 χ^2/NDF : 1607.5/6

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -8.356+/-5.480 χ^2/NDF : 5.1/1

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

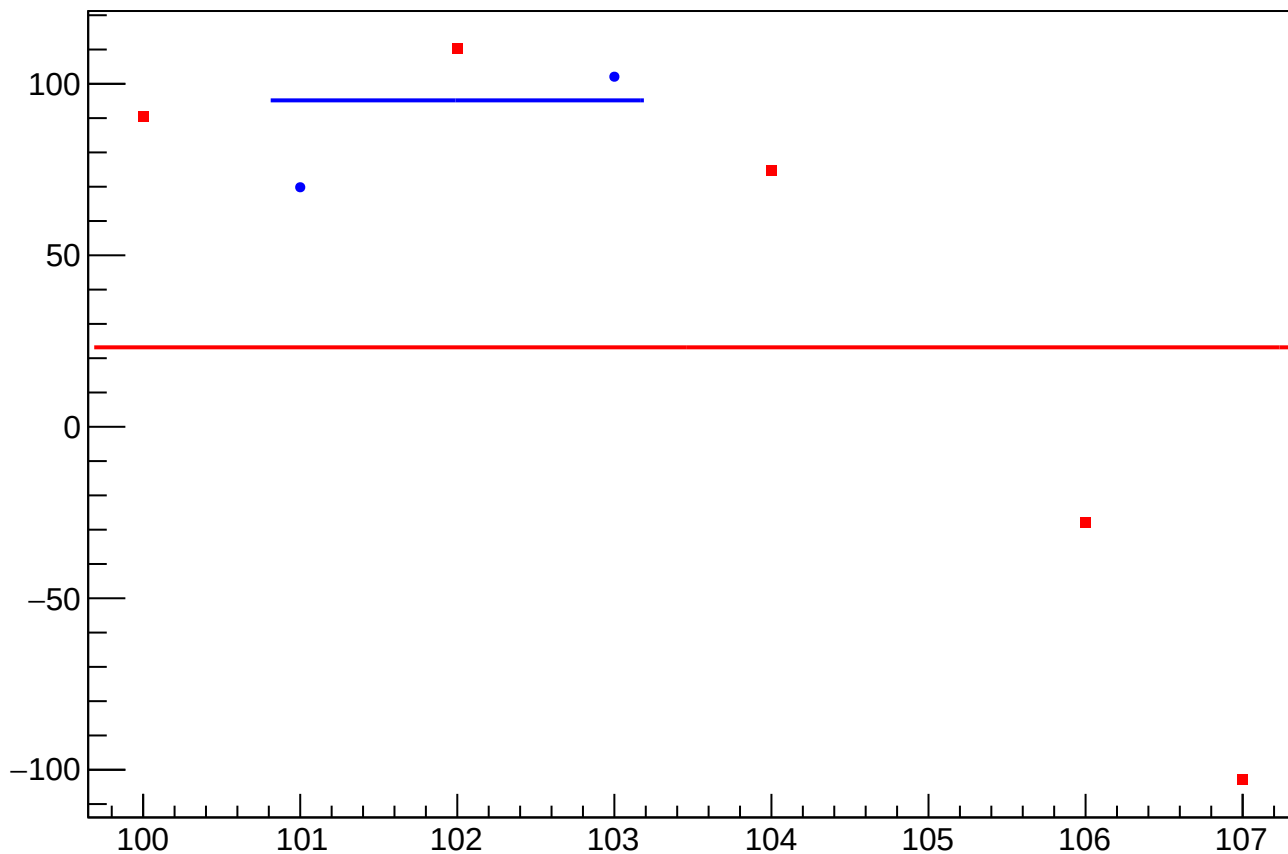
Right: -0.482+/-2.711 χ^2/NDF : 17.7/6

In: -8.356+/-5.480 χ^2/NDF : 5.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.482+/-2.711 χ^2/NDF : 17.7/6

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 95.176+/-0.172 χ^2/NDF : 5914.5/1

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

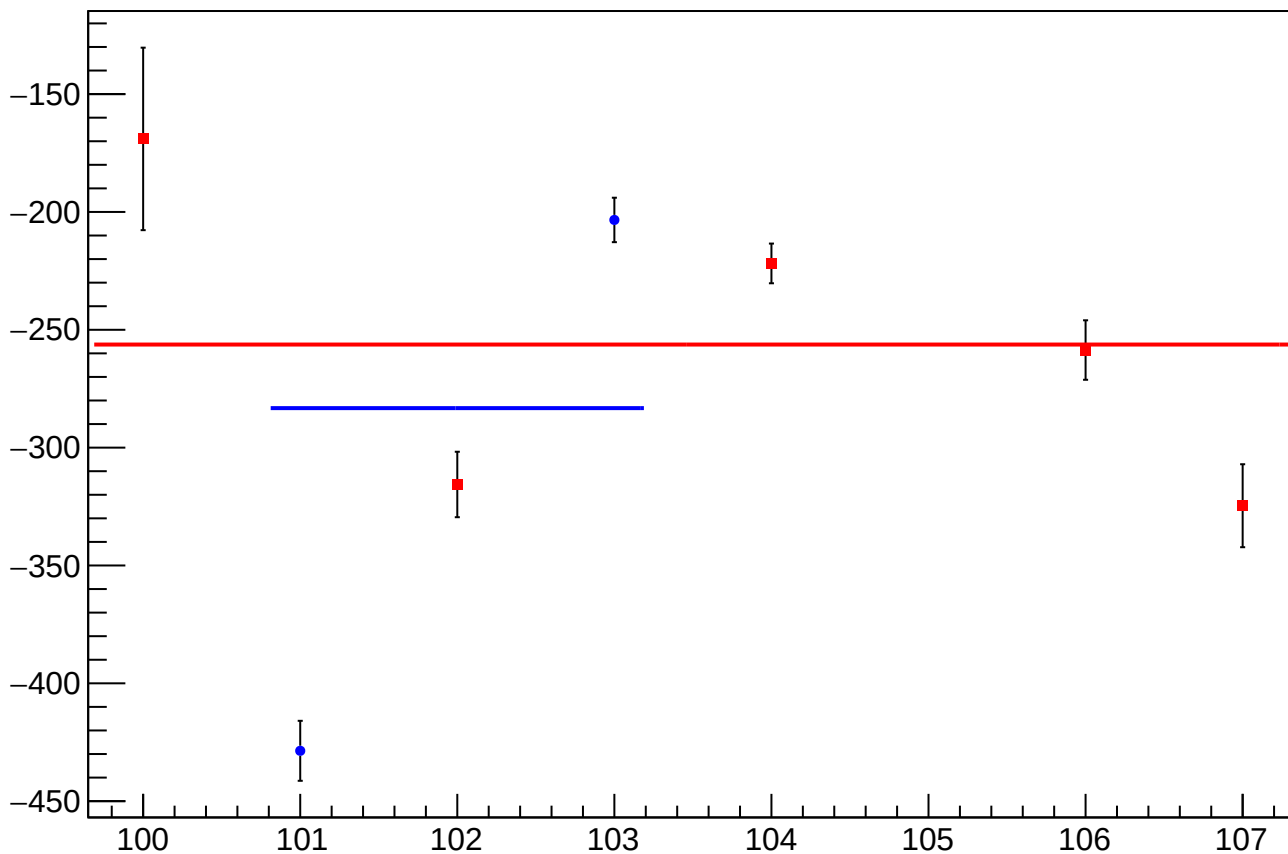
Right: 45.662+/-0.096 χ^2/NDF : 496292.4/6

In: 95.176+/-0.172 χ^2/NDF : 5914.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.662+/-0.096 χ^2/NDF : 496292.4/6

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -283.236+/-7.576 χ^2/NDF : 202.3/1

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

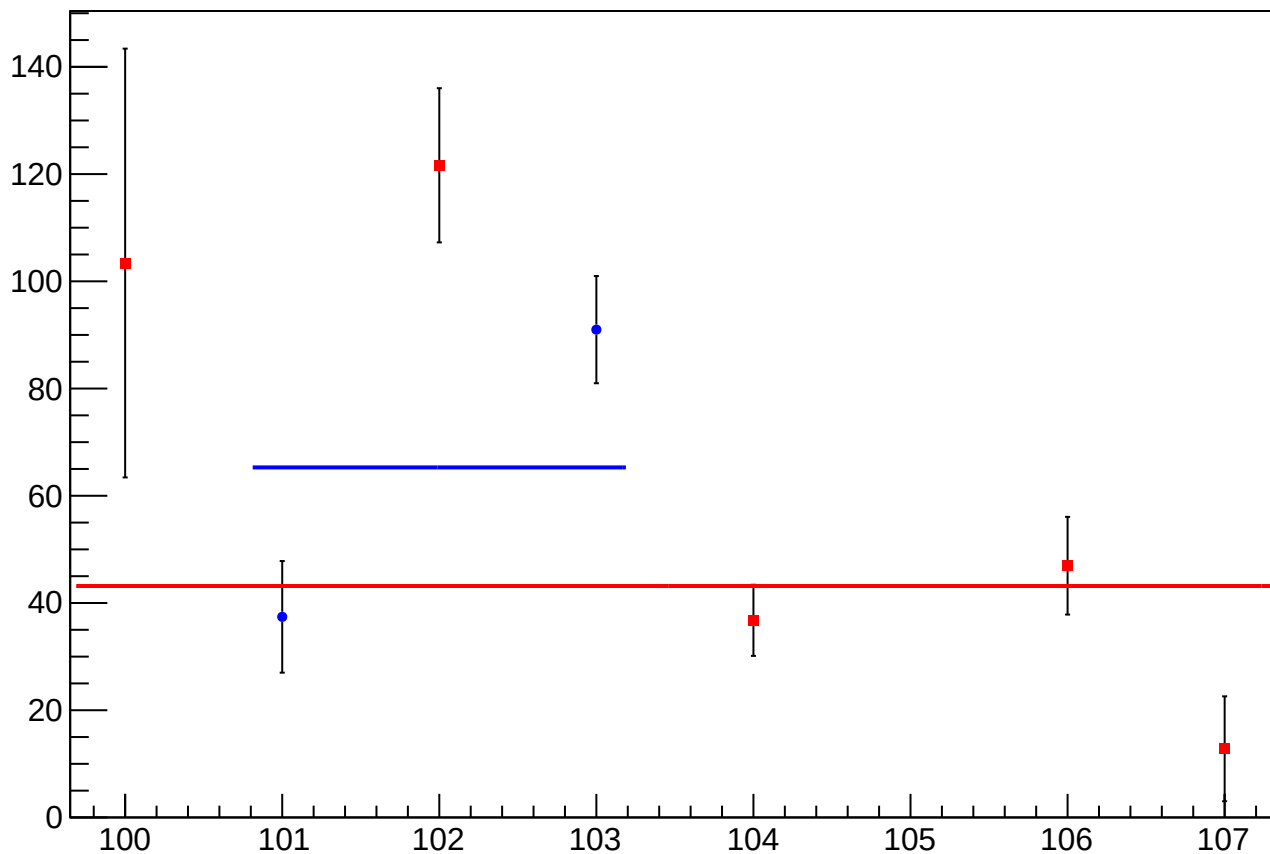
Right: -266.288+/-4.619 χ^2/NDF : 265.4/6

In: -283.236+/-7.576 χ^2/NDF : 202.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -266.288+/-4.619 χ^2/NDF : 265.4/6

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 65.287+/-7.211 χ^2/NDF : 13.8/1

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

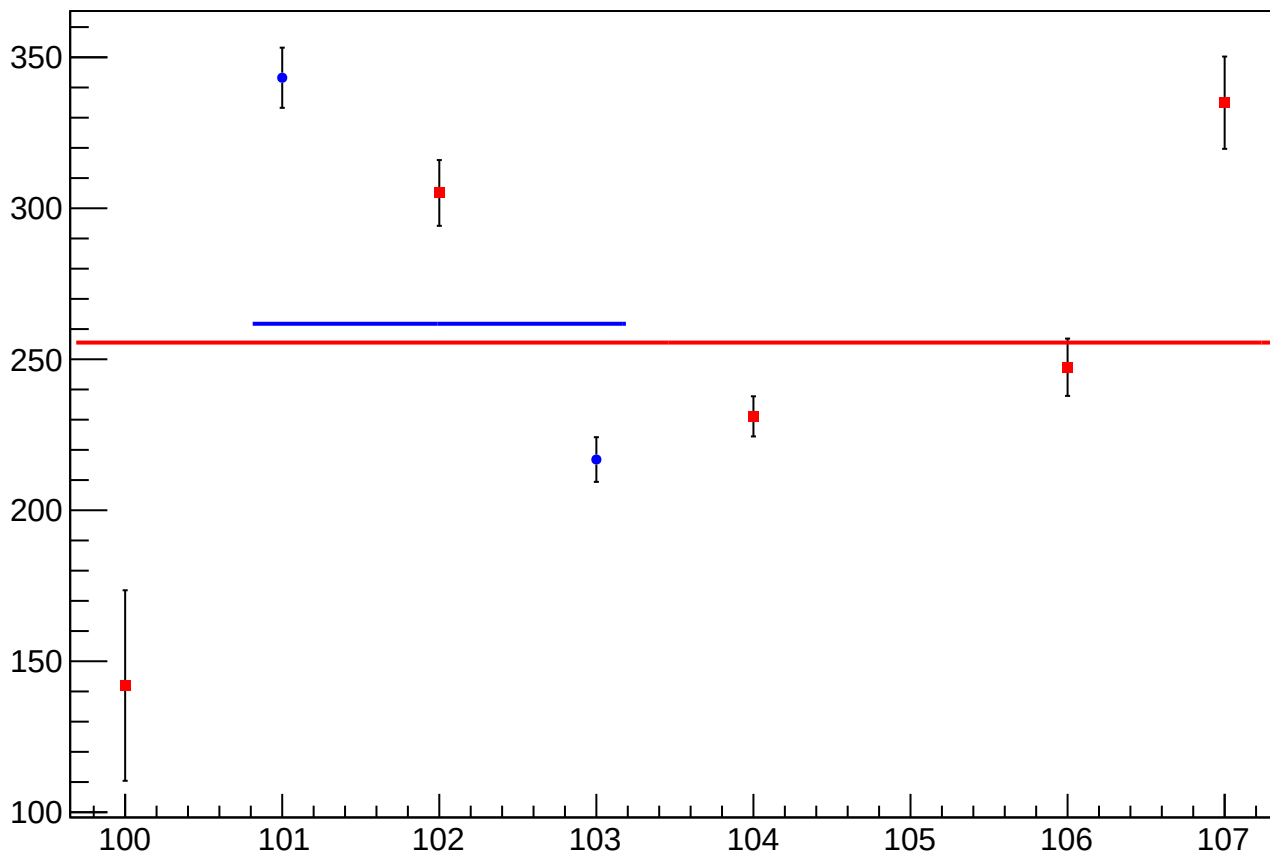
Right: 49.253+/-3.782 χ^2/NDF : 63.4/6

In: 65.287+/-7.211 χ^2/NDF : 13.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.253+/-3.782 χ^2/NDF : 63.4/6

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 261.760 $\pm$ 5.939 χ^2 /NDF: 103.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 255.533 $\pm$ 4.589 χ^2 /NDF: 75.0/4

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

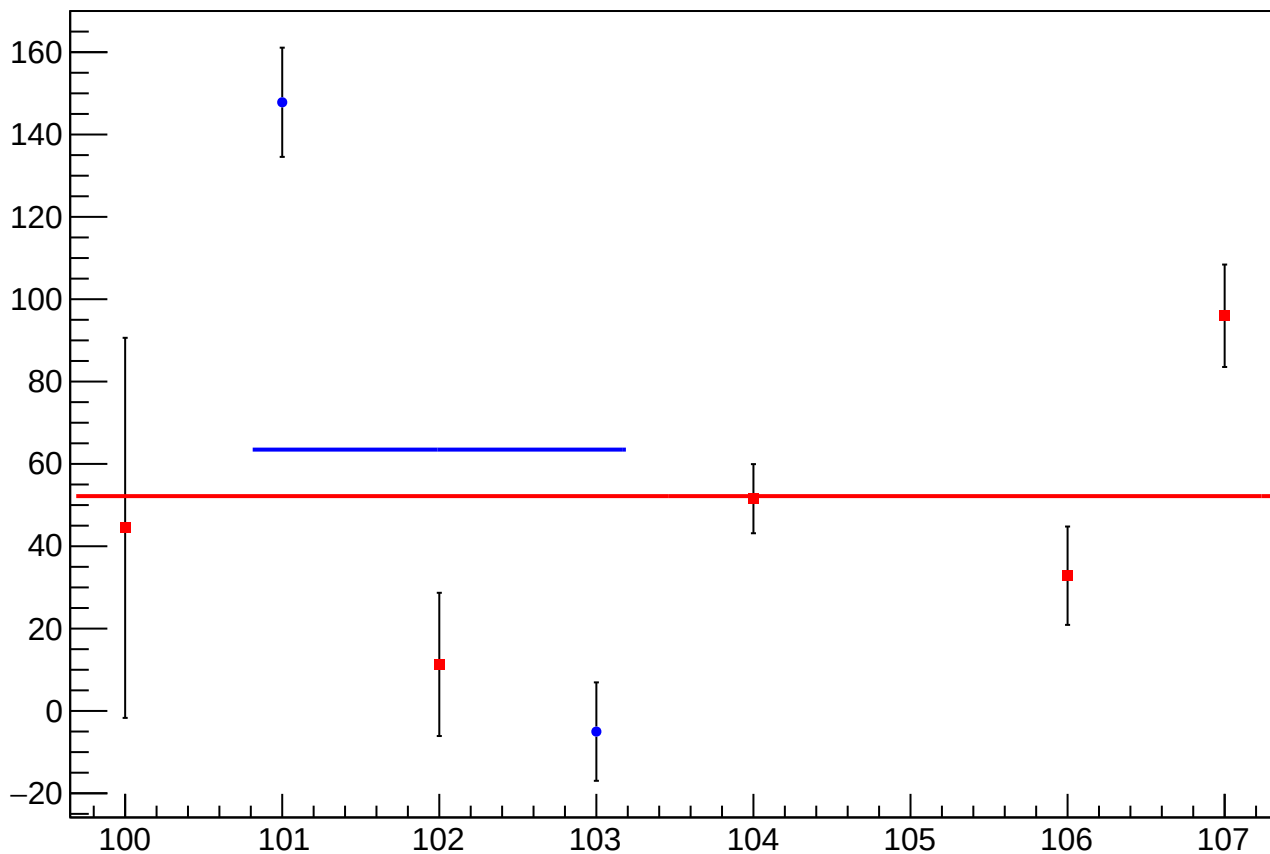
Right: 257.861 $\pm$ 3.632 χ^2 /NDF: 179.5/6

In: 261.760 $\pm$ 5.939 χ^2 /NDF: 103.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 257.861 $\pm$ 3.632 χ^2 /NDF: 179.5/6

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 63.473+/-8.878 χ^2/NDF : 73.3/1

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

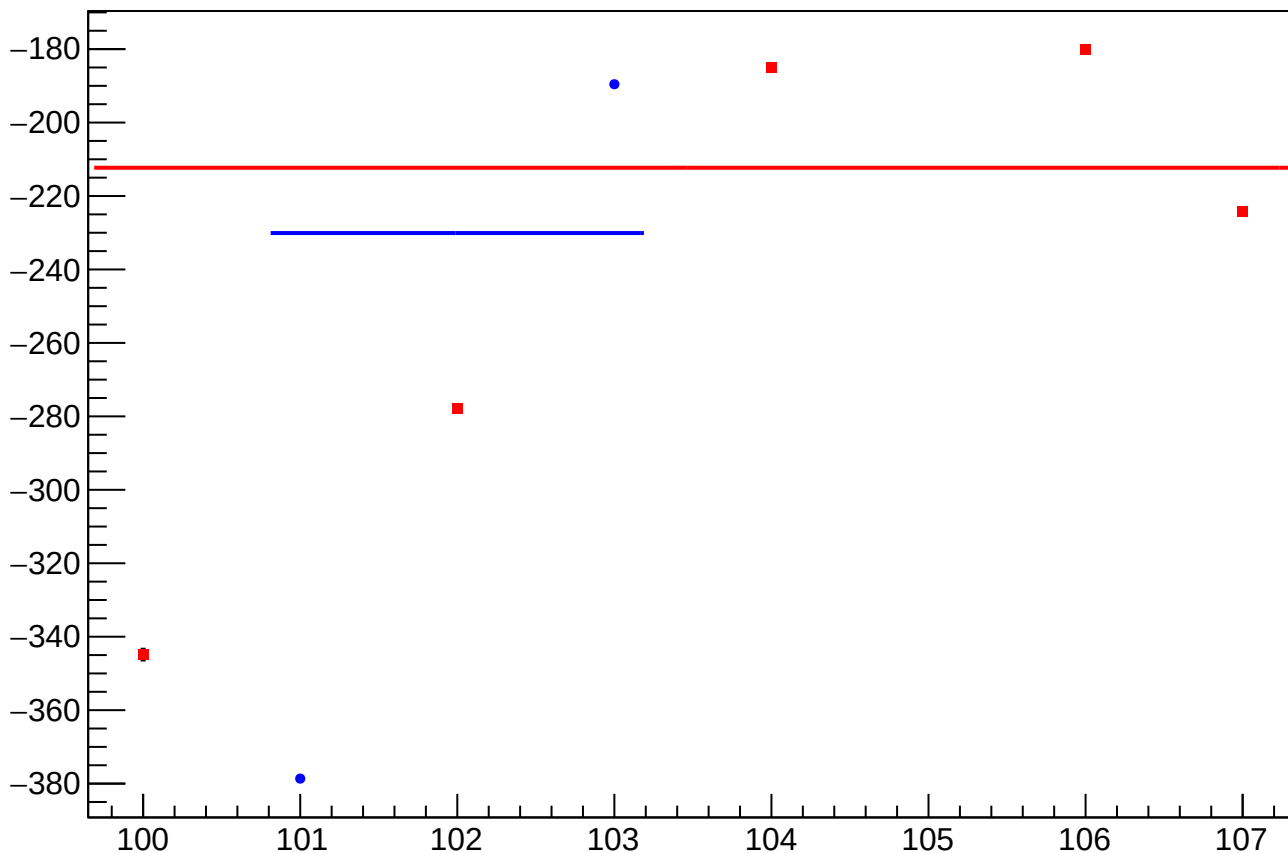
Right: 55.424+/-4.761 χ^2/NDF : 95.0/6

In: 63.473+/-8.878 χ^2/NDF : 73.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.424+/-4.761 χ^2/NDF : 95.0/6

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -230.083+/-0.275 χ^2/NDF : 79448.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -212.296+/-0.220 χ^2/NDF : 37493.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

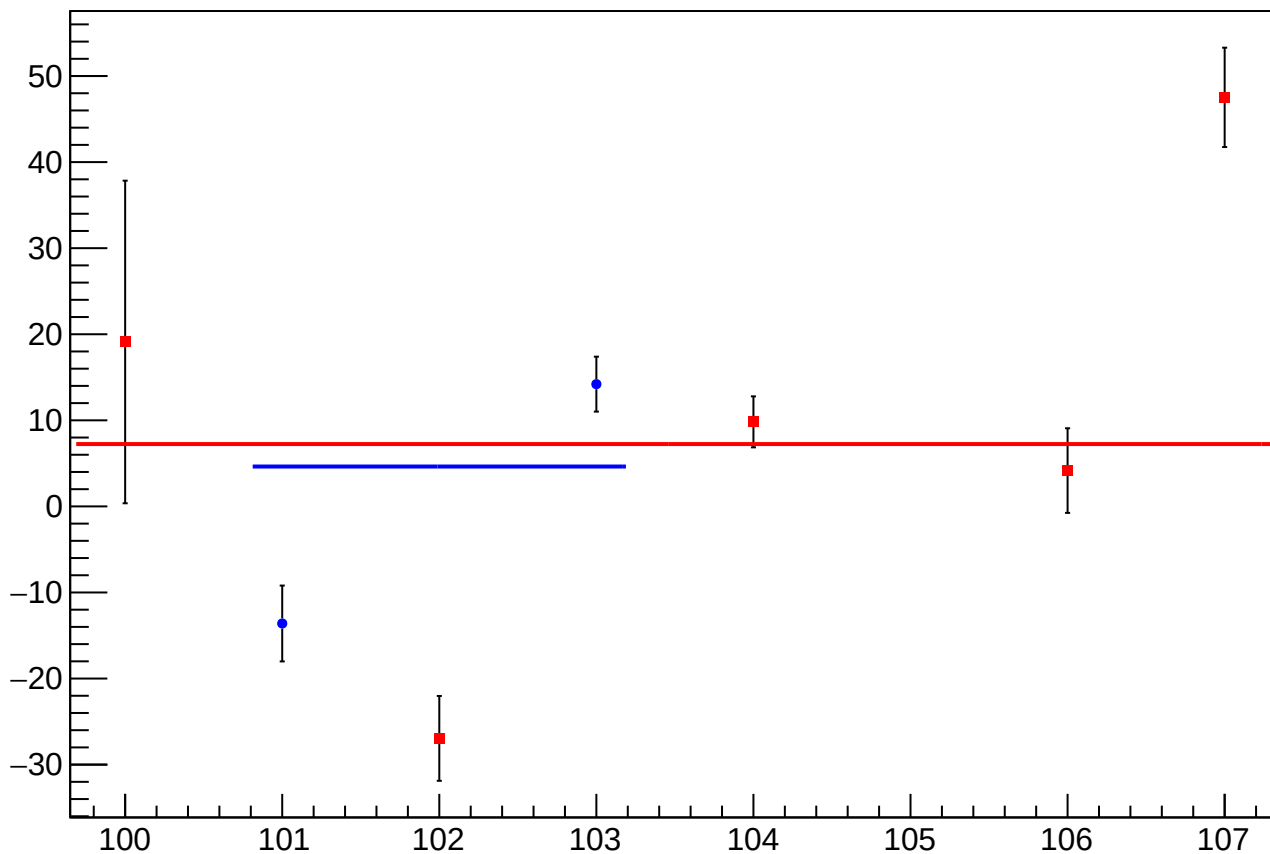
Right: -219.220+/-0.172 χ^2/NDF : 119491.8/6

In: -230.083+/-0.275 χ^2/NDF : 79448.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -219.220+/-0.172 χ^2/NDF : 119491.8/6

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 4.633+/-2.585 χ^2/NDF : 26.1/1

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

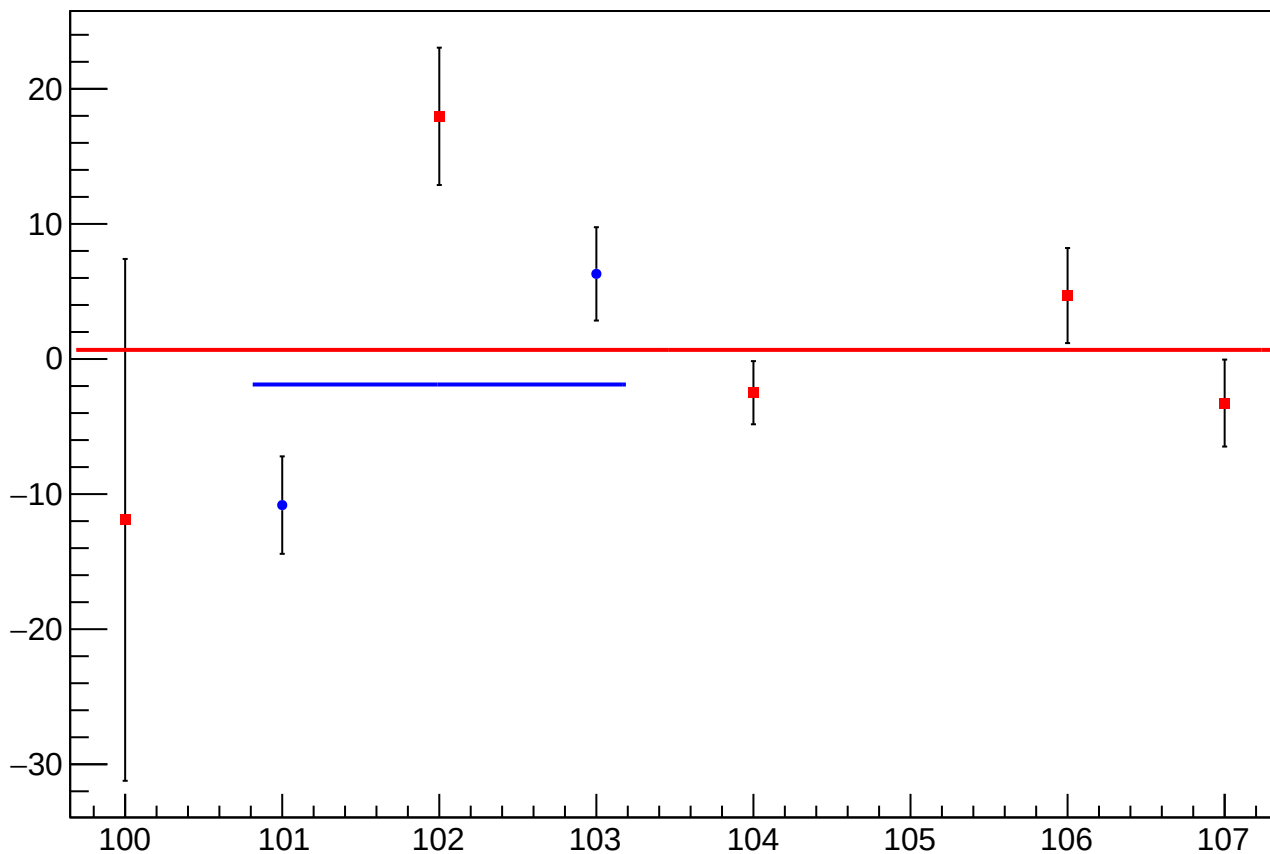
Right: 6.213+/-1.624 χ^2/NDF : 125.1/6

In: 4.633+/-2.585 χ^2/NDF : 26.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.213+/-1.624 χ^2/NDF : 125.1/6

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.886+/-2.495 χ^2/NDF : 11.7/1

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

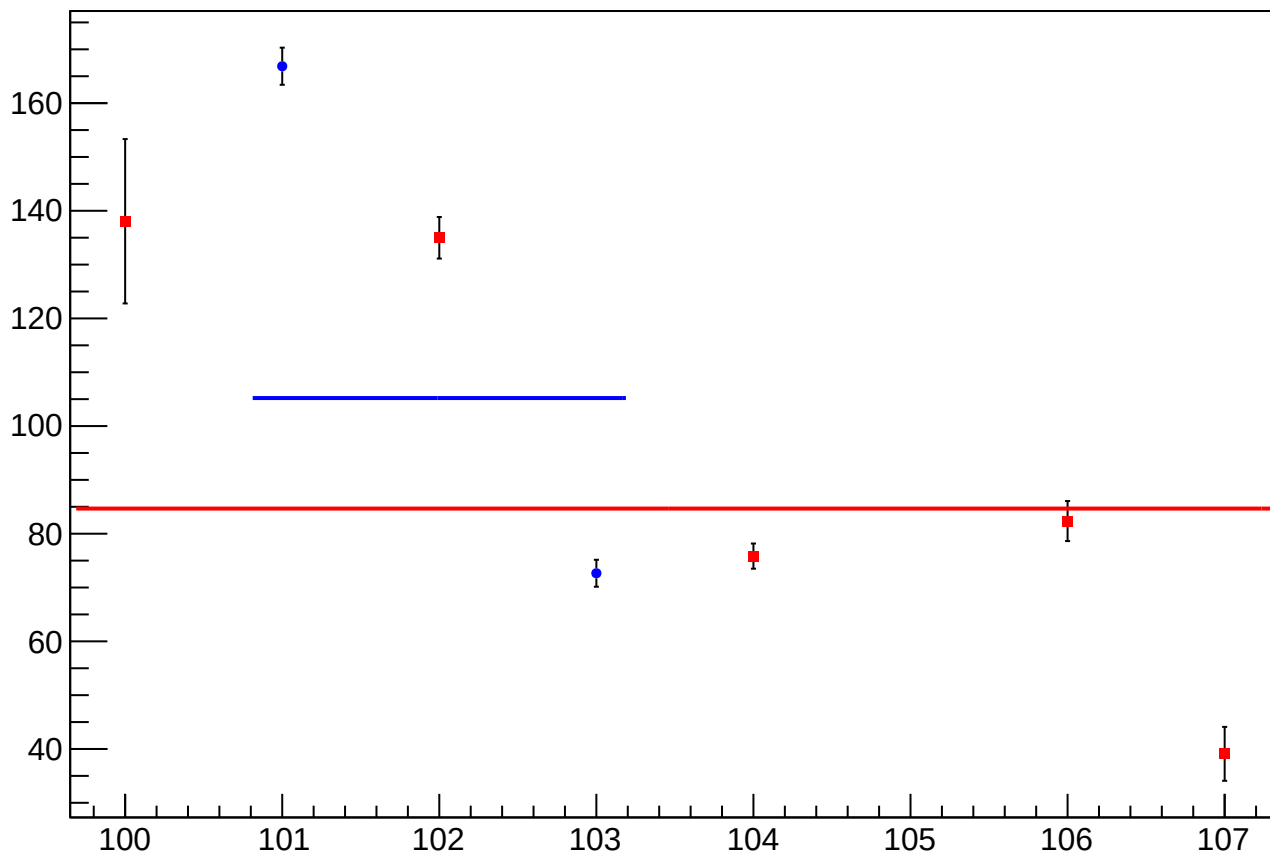
Right: -0.056+/-1.334 χ^2/NDF : 29.1/6

In: -1.886+/-2.495 χ^2/NDF : 11.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.056+/-1.334 χ^2/NDF : 29.1/6

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 105.206+/-2.027 χ^2/NDF : 488.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.671+/-1.652 χ^2/NDF : 279.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

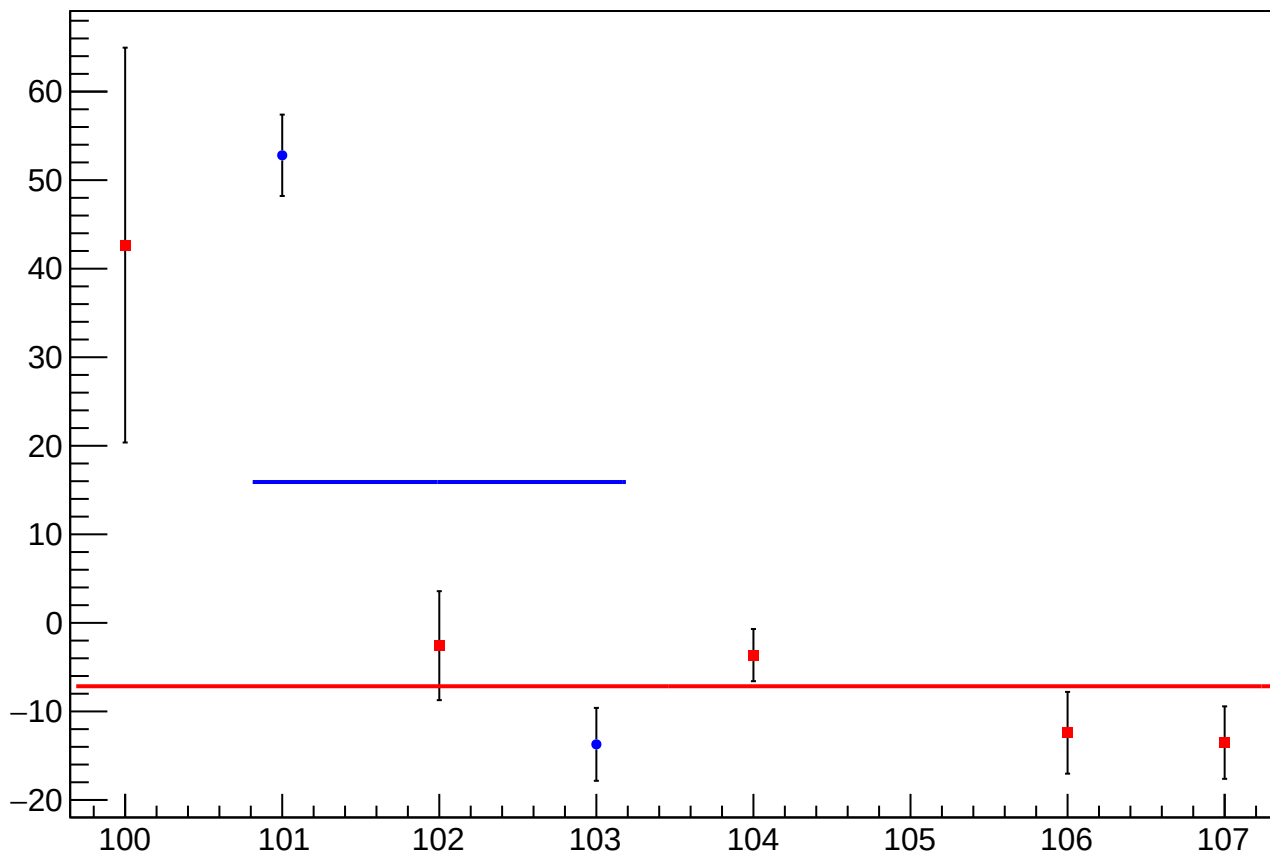
Right: 92.863+/-1.281 χ^2/NDF : 829.3/6

In: 105.206+/-2.027 χ^2/NDF : 488.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.863+/-1.281 χ^2/NDF : 829.3/6

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.908+/-3.066 χ^2/NDF : 116.3/1

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

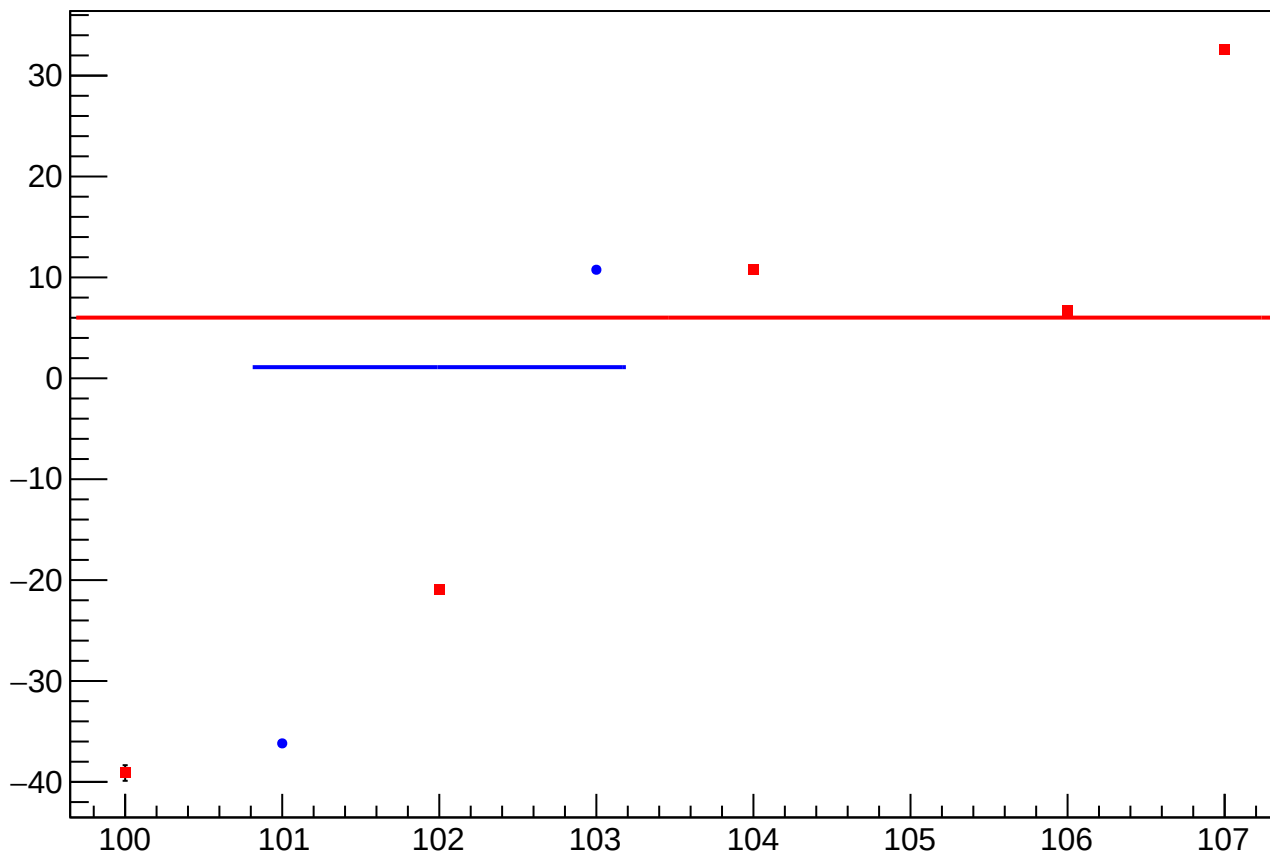
Right: -0.275+/-1.675 χ^2/NDF : 166.7/6

In: 15.908+/-3.066 χ^2/NDF : 116.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.275+/-1.675 χ^2/NDF : 166.7/6

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.105+/-0.093 χ^2/NDF : 41394.5/1

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

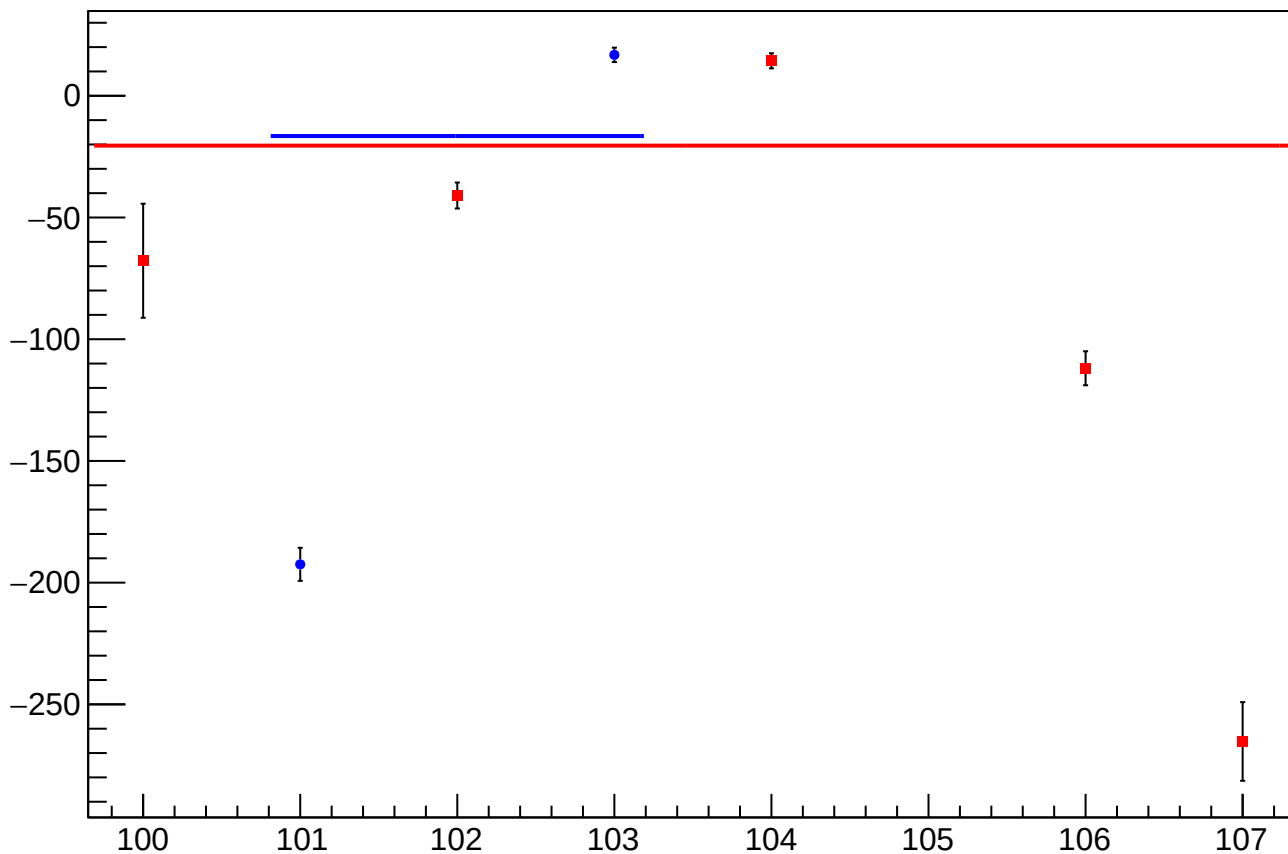
Right: 3.999+/-0.060 χ^2/NDF : 91280.7/6

In: 1.105+/-0.093 χ^2/NDF : 41394.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.999+/-0.060 χ^2/NDF : 91280.7/6

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -16.534+/-2.711 χ^2/NDF : 798.3/1

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

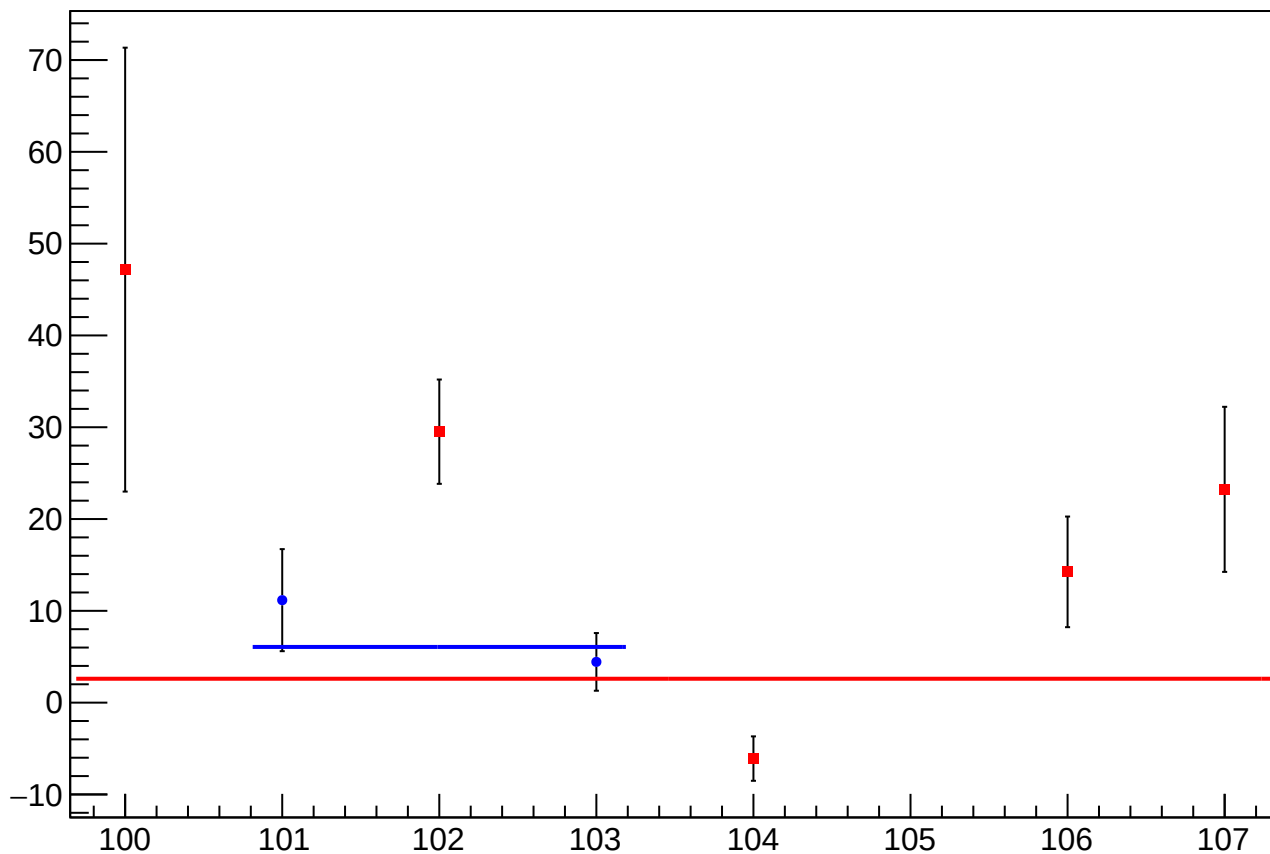
Right: -18.695+/-1.822 χ^2/NDF : 1345.4/6

In: -16.534+/-2.711 χ^2/NDF : 798.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.695+/-1.822 χ^2/NDF : 1345.4/6

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.067+/-2.735 χ^2/NDF : 1.1/1

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

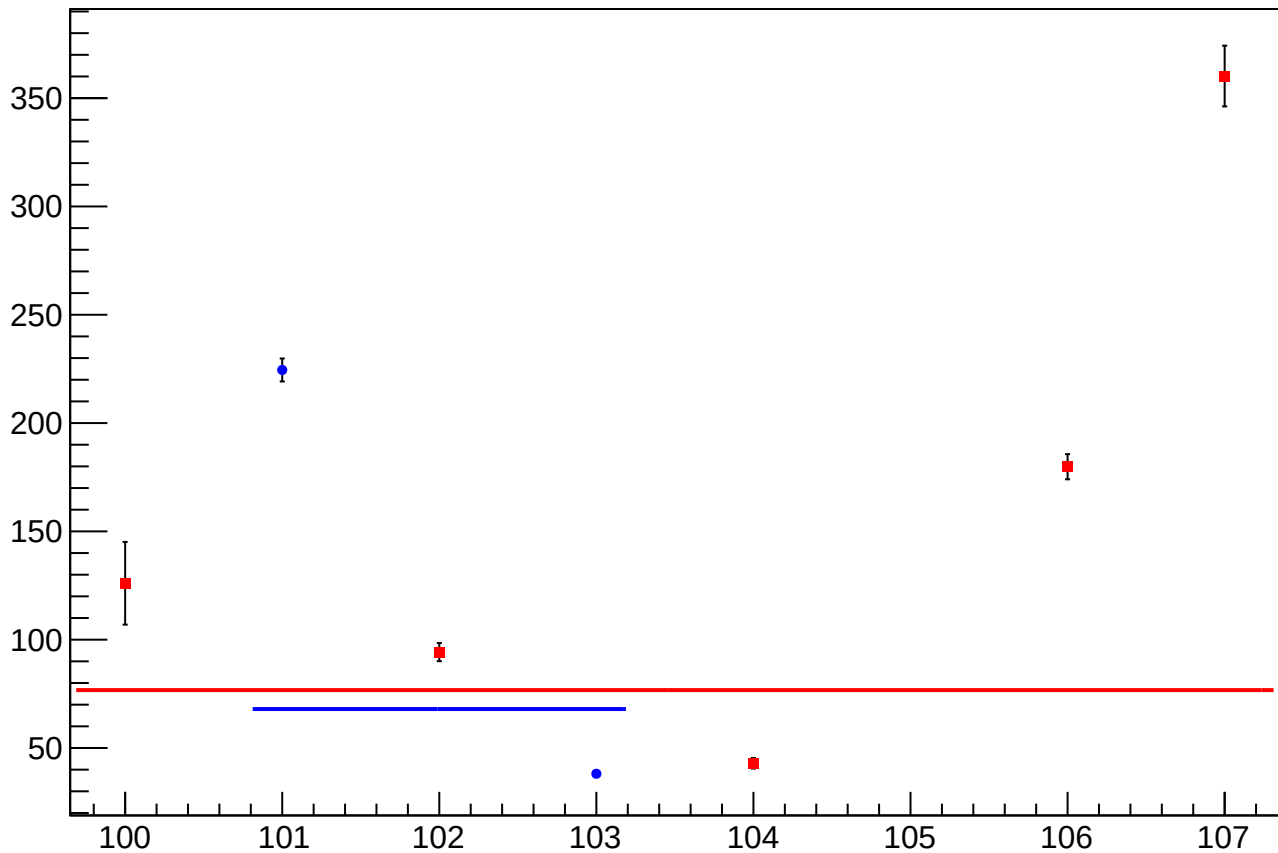
Right: 3.831+/-1.628 χ^2/NDF : 49.9/6

In: 6.067+/-2.735 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.831+/-1.628 χ^2/NDF : 49.9/6

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 67.984 ± 2.128 $\chi^2/\text{NDF}: 1032.8/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 76.722 ± 1.956 $\chi^2/\text{NDF}: 938.6/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

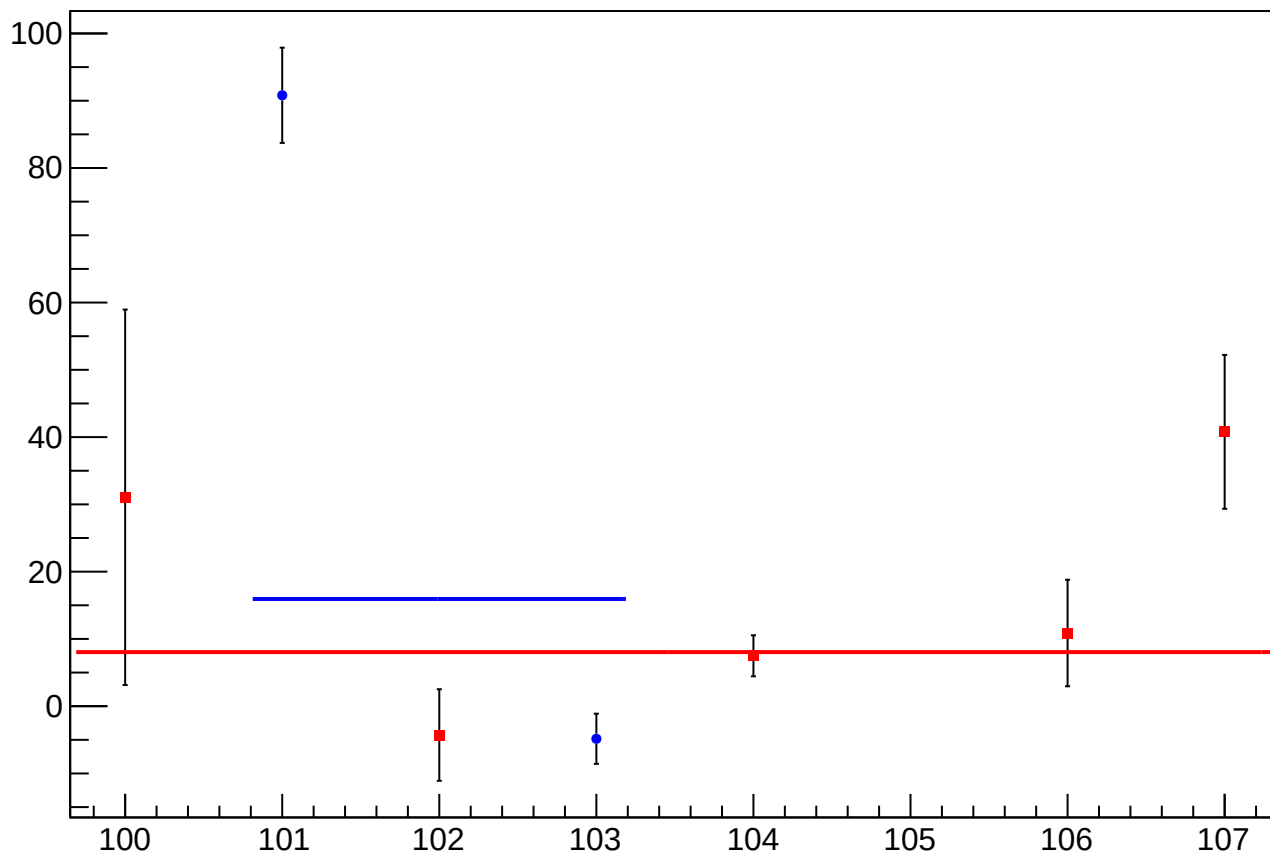
Right: 72.721 ± 1.440 $\chi^2/\text{NDF}: 1980.6/6$

In: 67.984 ± 2.128 $\chi^2/\text{NDF}: 1032.8/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 72.721 ± 1.440 $\chi^2/\text{NDF}: 1980.6/6$

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.940 $\pm$ 3.300 χ^2 /NDF: 142.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.041 $\pm$ 2.548 χ^2 /NDF: 12.3/4

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

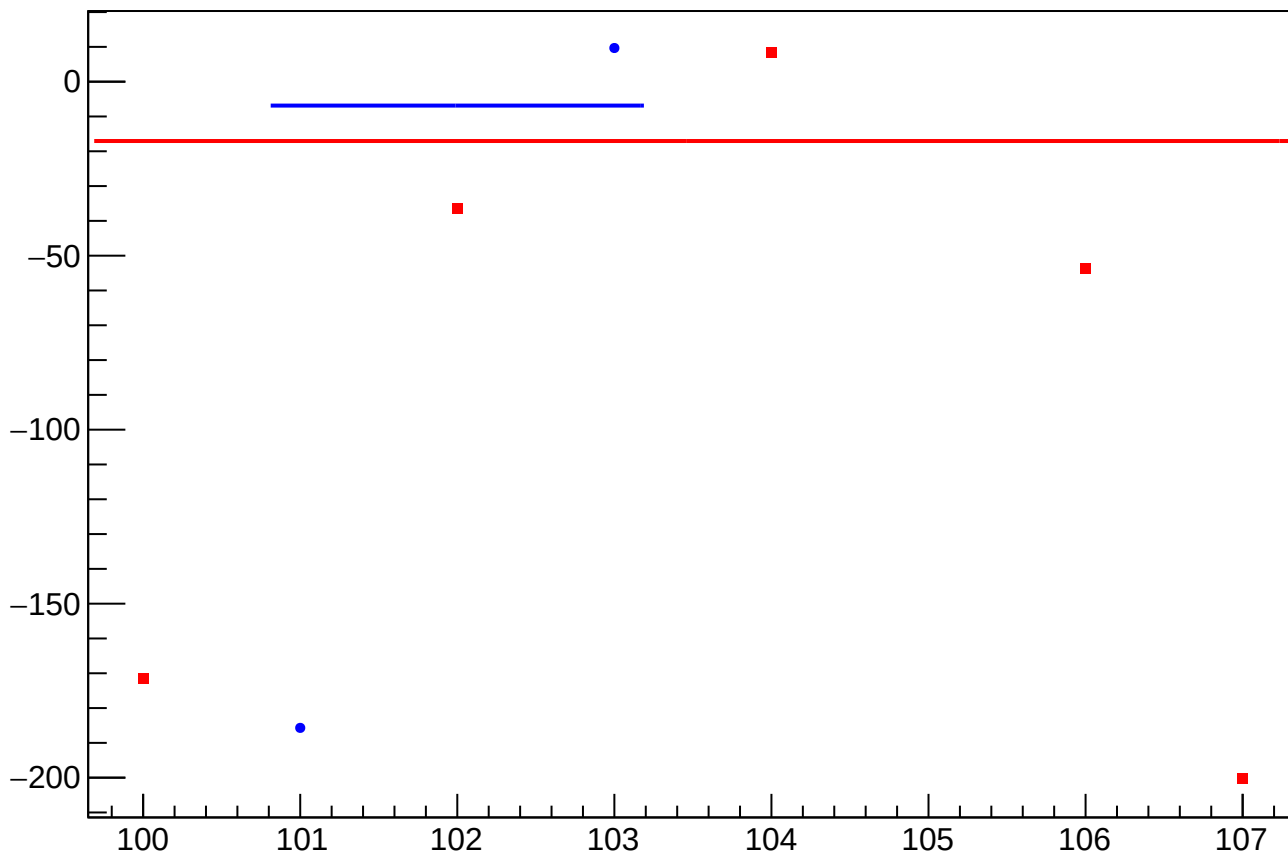
Right: 10.992 $\pm$ 2.017 χ^2 /NDF: 158.8/6

In: 15.940 $\pm$ 3.300 χ^2 /NDF: 142.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.992 $\pm$ 2.017 χ^2 /NDF: 158.8/6

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.870+/-0.092 χ^2/NDF : 347656.3/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -17.051+/-0.090 χ^2/NDF : 208292.8/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

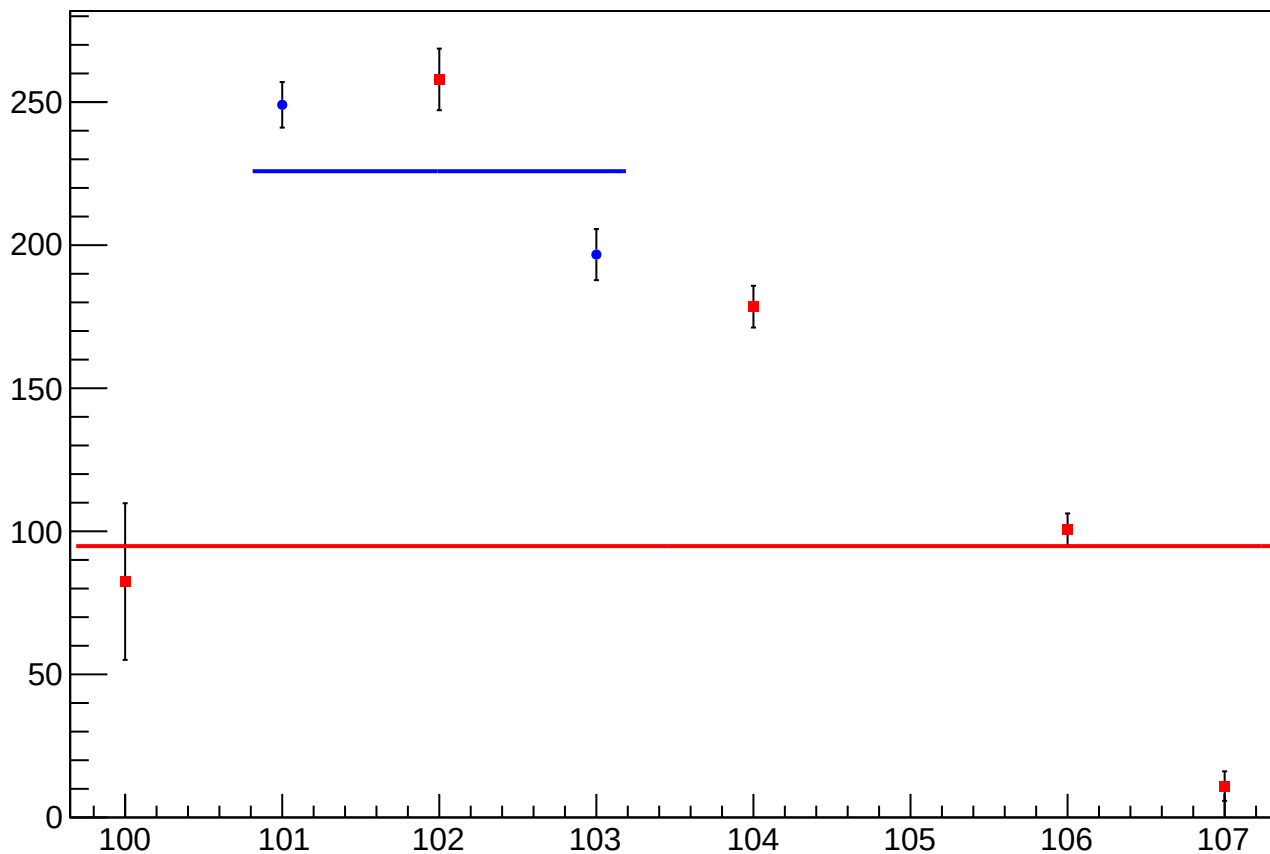
Right: -12.107+/-0.064 χ^2/NDF : 562214.2/6

In: -6.870+/-0.092 χ^2/NDF :347656.3/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -12.107+/-0.064 χ^2/NDF : 562214.2/6

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 225.845 $\pm$ 5.947 χ^2 /NDF: 19.1/1

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

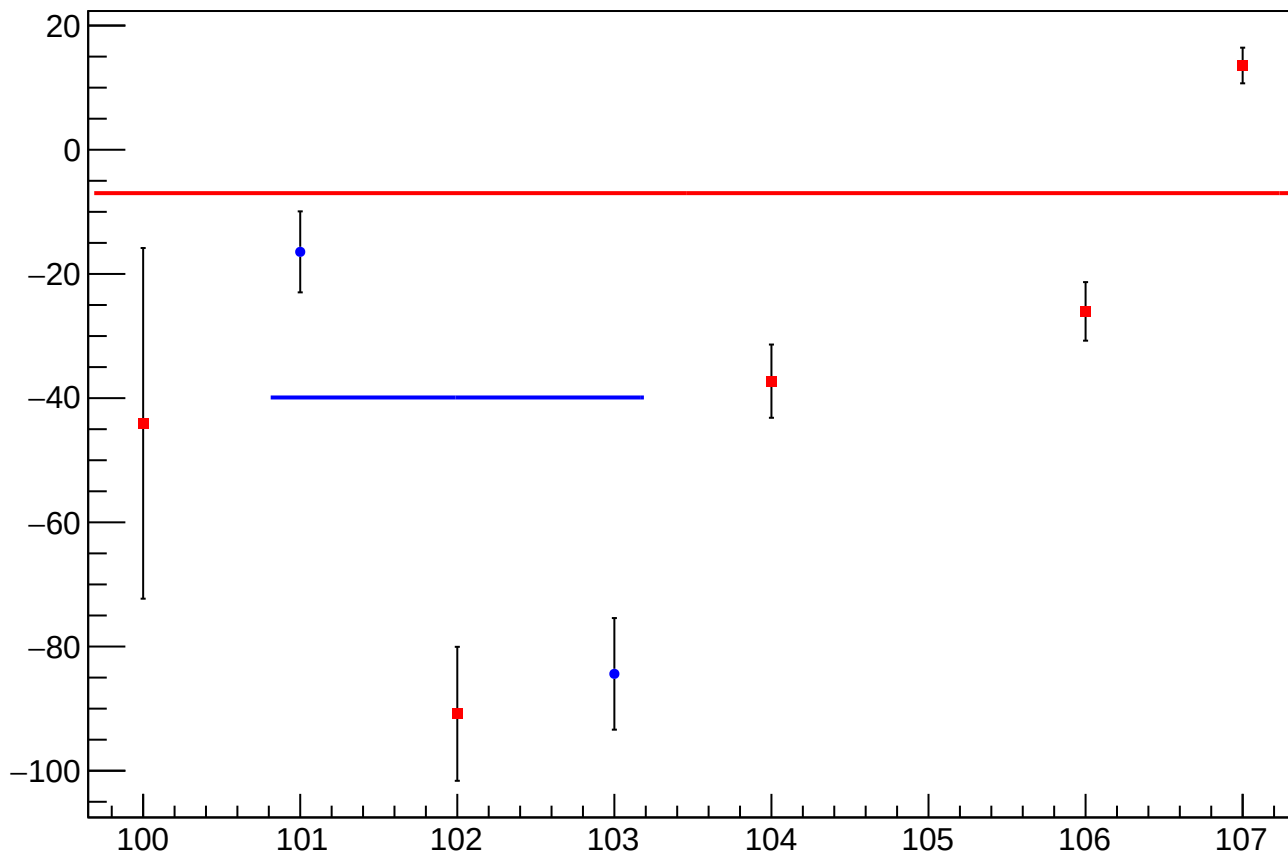
Right: 124.093 $\pm$ 2.810 χ^2 /NDF: 1022.9/6

In: 225.845 $\pm$ 5.947 χ^2 /NDF:19.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 124.093 $\pm$ 2.810 χ^2 /NDF: 1022.9/6

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -39.893 ± 5.278 $\chi^2/\text{NDF}: 37.5/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -6.988 ± 2.209 $\chi^2/\text{NDF}: 156.1/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

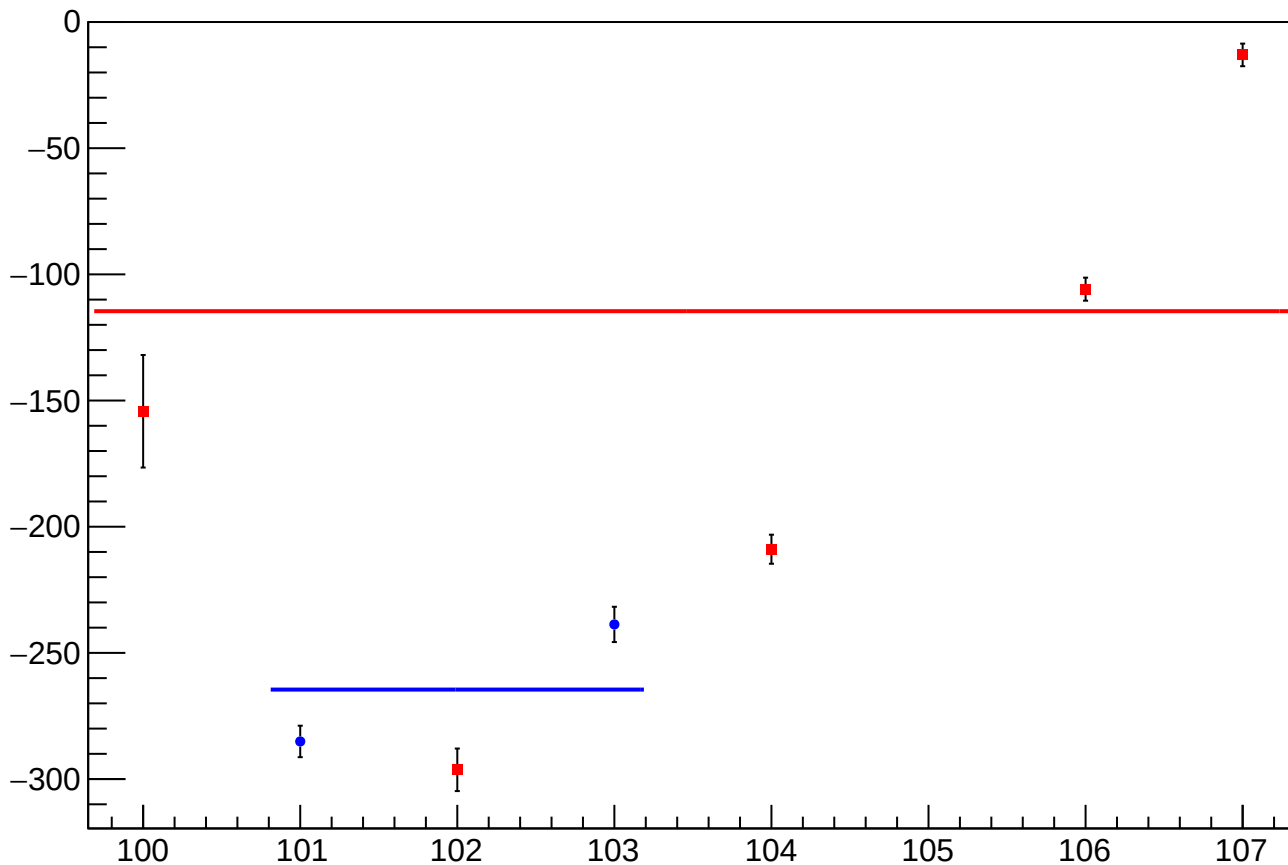
Right: -11.892 ± 2.038 $\chi^2/\text{NDF}: 226.6/6$

In: -39.893 ± 5.278 $\chi^2/\text{NDF}: 37.5/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -11.892 ± 2.038 $\chi^2/\text{NDF}: 226.6/6$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -264.540+/-4.655 χ^2/NDF : 24.5/1

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

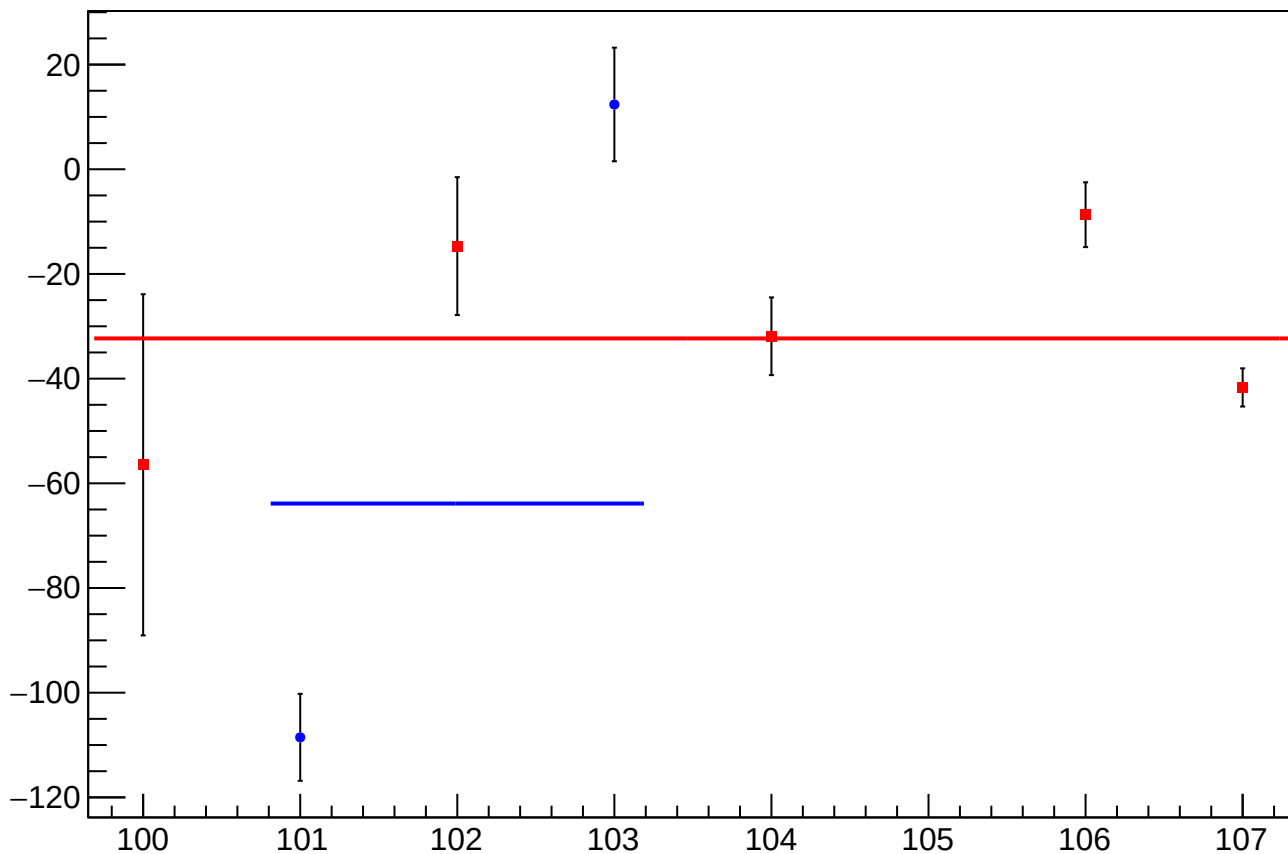
Right: -150.956+/-2.292 χ^2/NDF : 2065.4/6

In: -264.540+/-4.655 χ^2/NDF : 24.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -150.956+/-2.292 χ^2/NDF : 2065.4/6

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.865+/-6.596 χ^2/NDF : 78.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -32.318+/-2.817 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

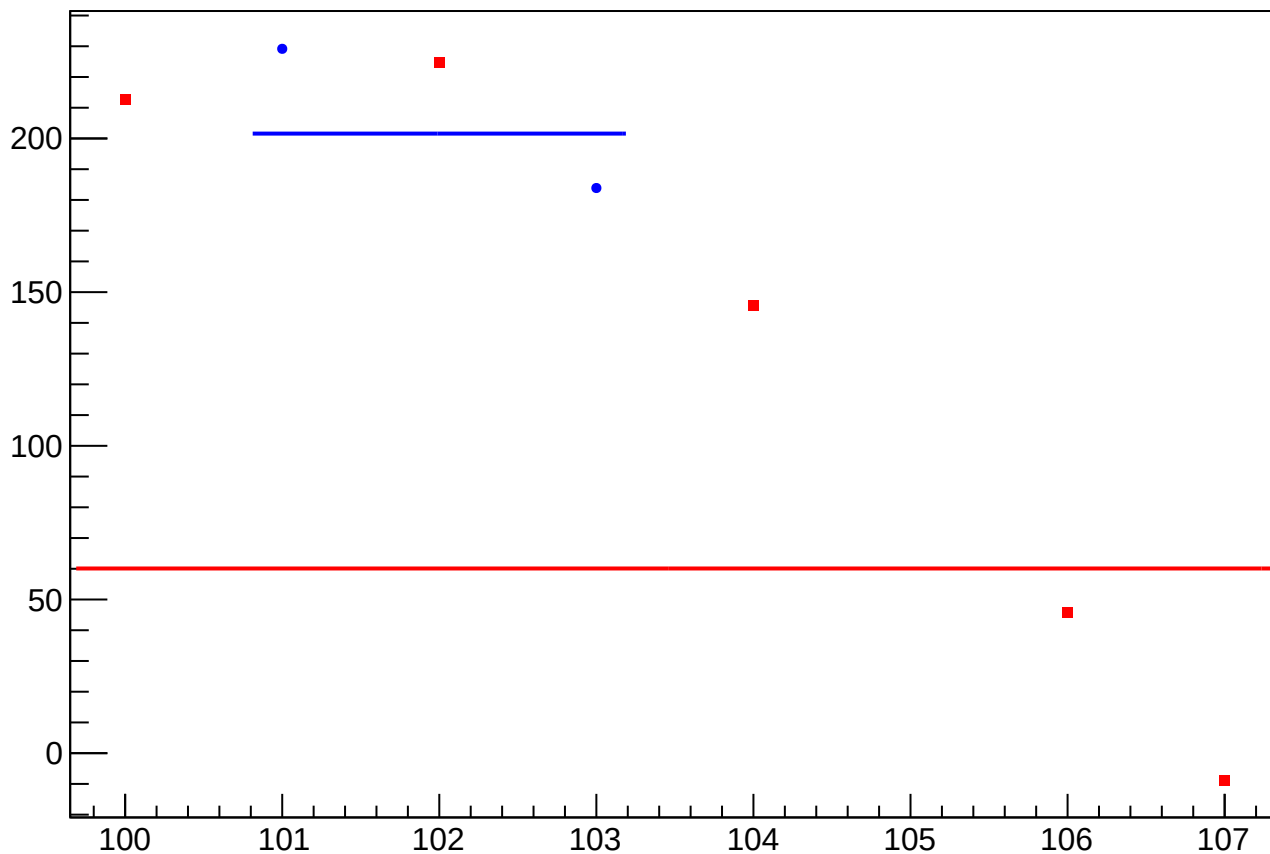
Right: -37.183+/-2.590 χ^2/NDF : 121.1/6

In: -63.865+/-6.596 χ^2/NDF : 78.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.183+/-2.590 χ^2/NDF : 121.1/6

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 201.585 $\pm$ 0.233 χ^2 /NDF: 9021.4/1

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

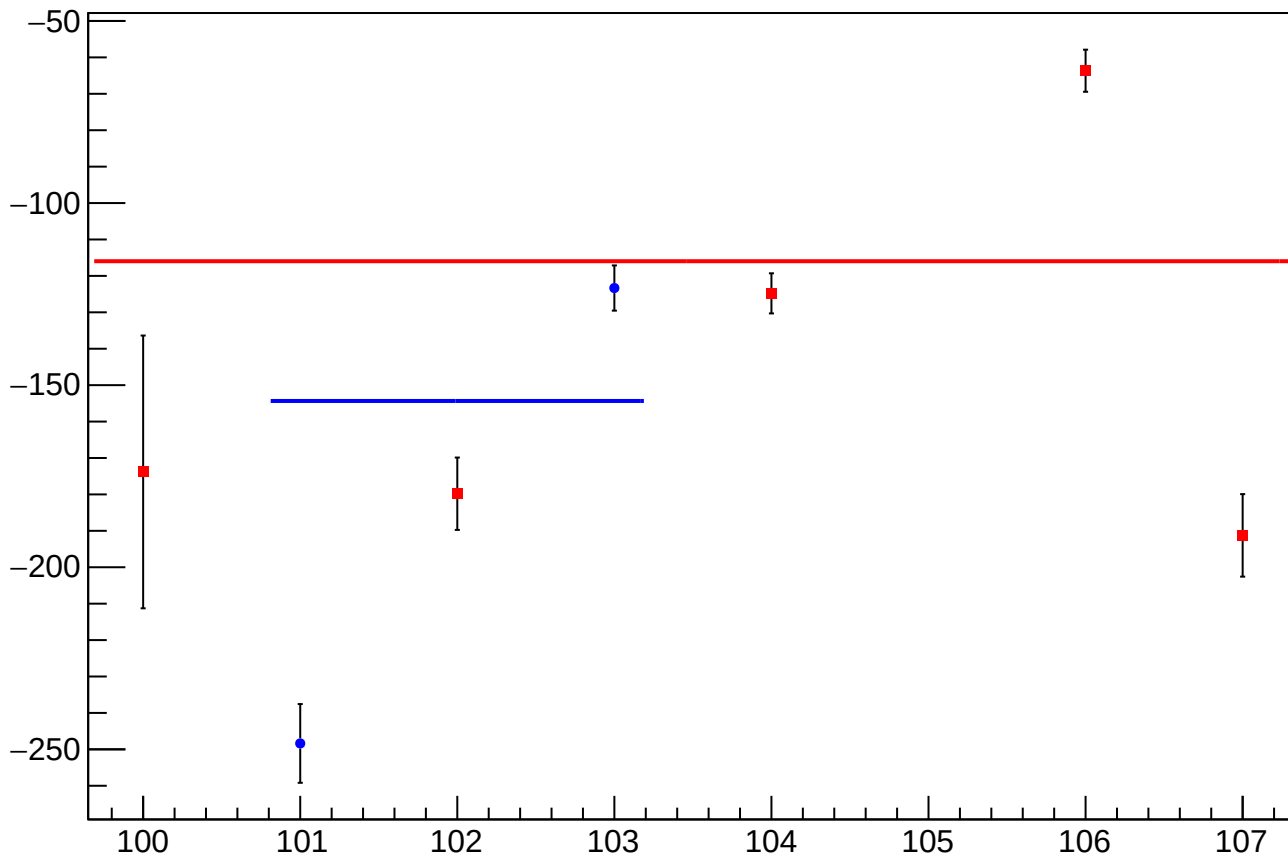
Right: 89.035 $\pm$ 0.105 χ^2 /NDF: 758745.1/6

In: 201.585 $\pm$ 0.233 χ^2 /NDF:9021.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 89.035 $\pm$ 0.105 χ^2 /NDF: 758745.1/6

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -154.341+/-5.384 χ^2/NDF : 100.6/1

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

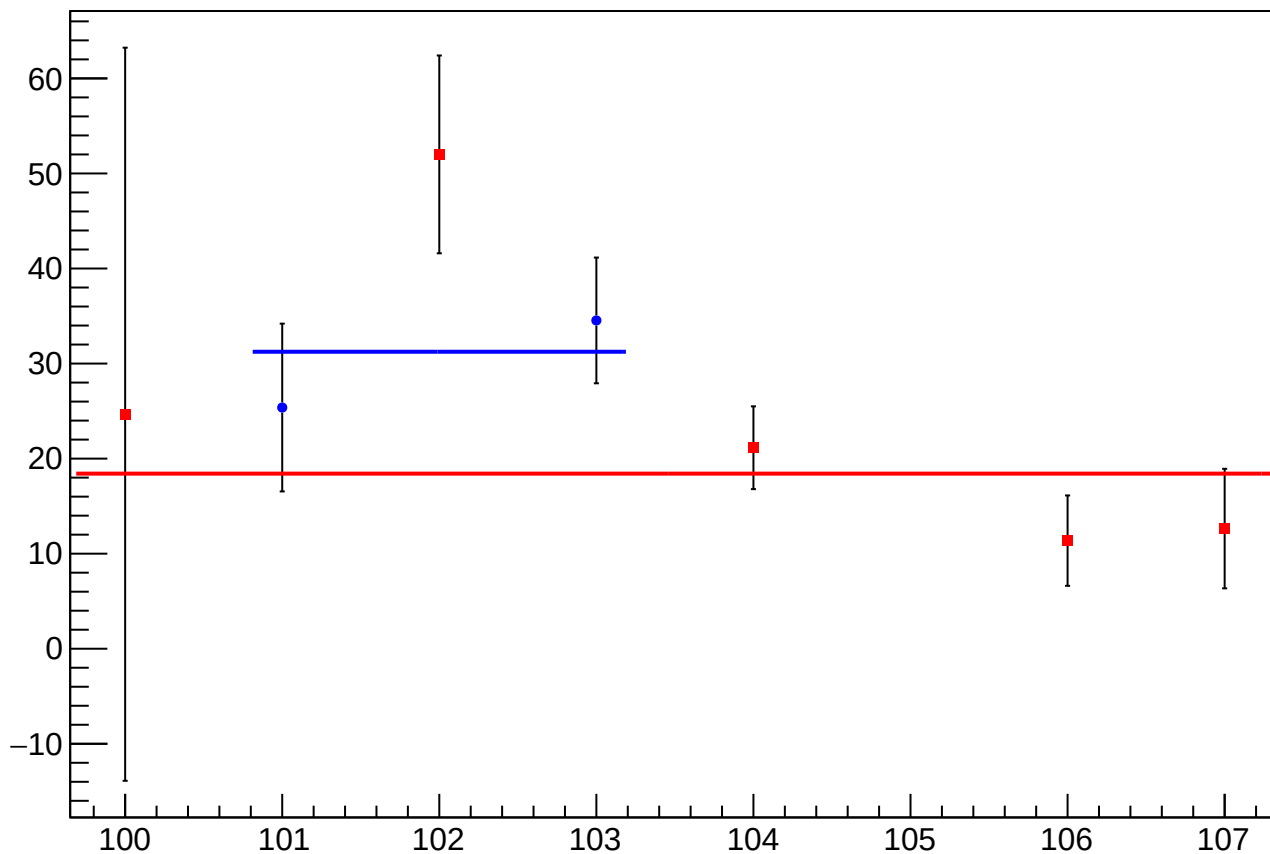
Right: -127.376+/-2.935 χ^2/NDF : 308.6/6

In: -154.341+/-5.384 χ^2/NDF : 100.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -127.376+/-2.935 χ^2/NDF : 308.6/6

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 31.243+/-5.293 χ^2/NDF : 0.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.421+/-2.751 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

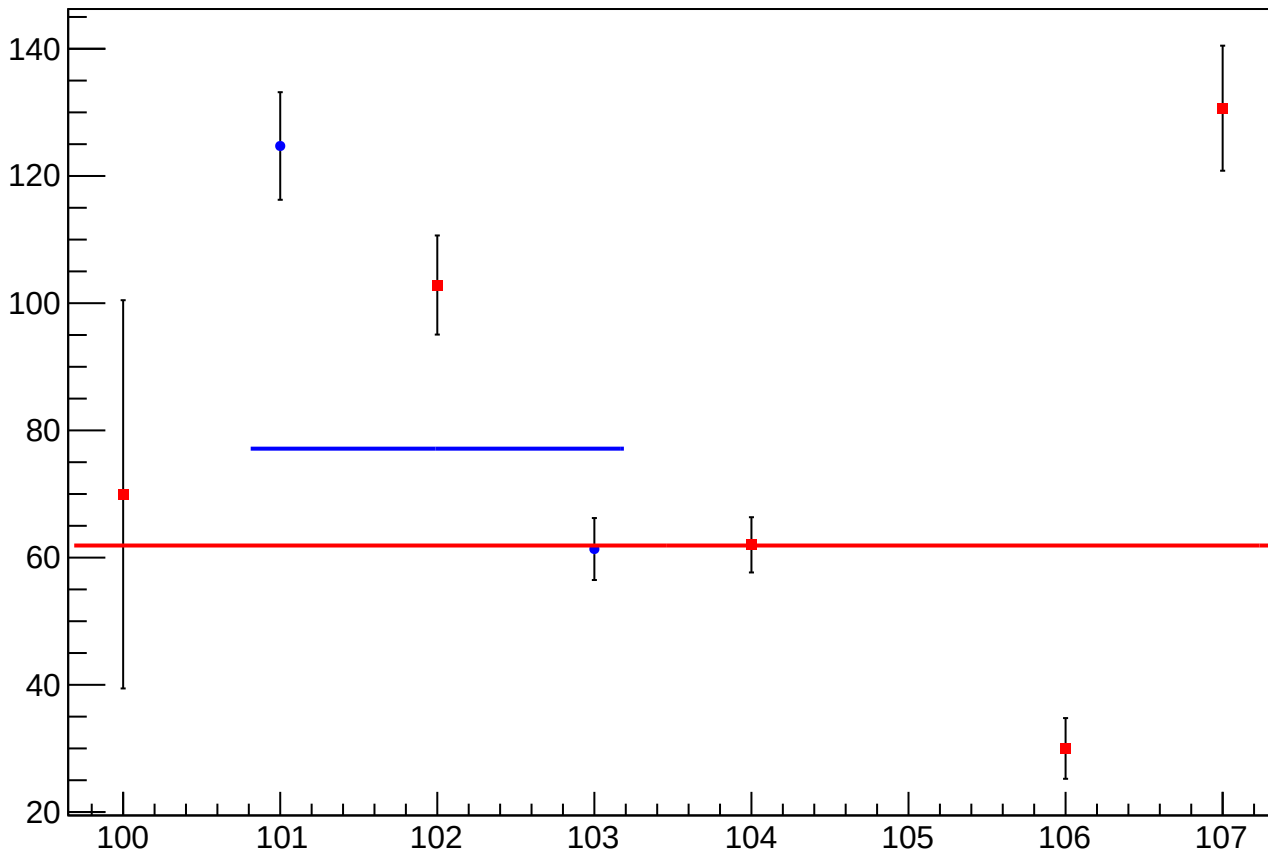
Right: 21.148+/-2.441 χ^2/NDF : 19.2/6

In: 31.243+/-5.293 χ^2/NDF : 0.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.148+/-2.441 χ^2/NDF : 19.2/6

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 77.130 $\pm$ 4.221 χ^2 /NDF: 42.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 61.902 $\pm$ 2.831 χ^2 /NDF: 121.3/4

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

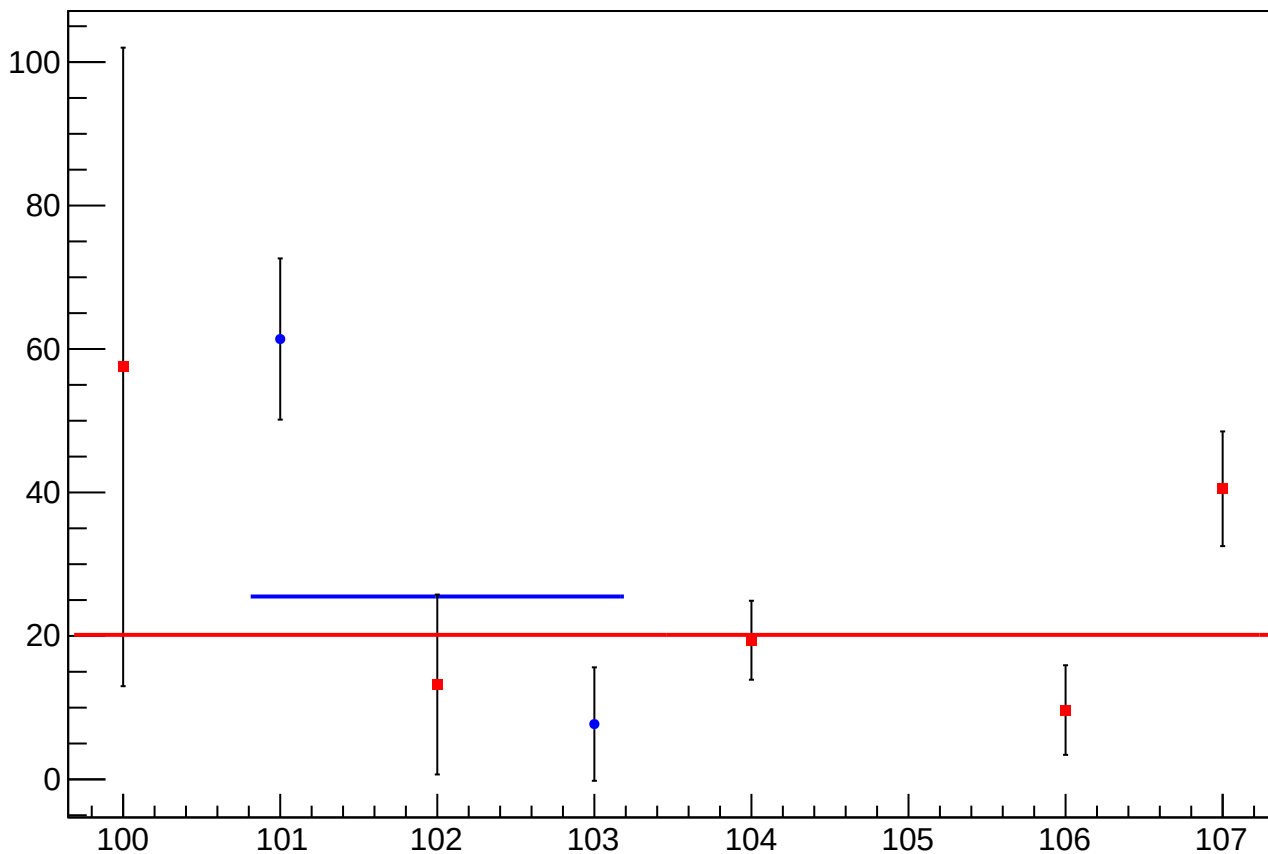
Right: 66.626 $\pm$ 2.351 χ^2 /NDF: 172.4/6

In: 77.130 $\pm$ 4.221 χ^2 /NDF: 42.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 66.626 $\pm$ 2.351 χ^2 /NDF: 172.4/6

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 25.495 $\pm$ 6.468 χ^2 /NDF: 15.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.146 $\pm$ 3.511 χ^2 /NDF: 10.3/4

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

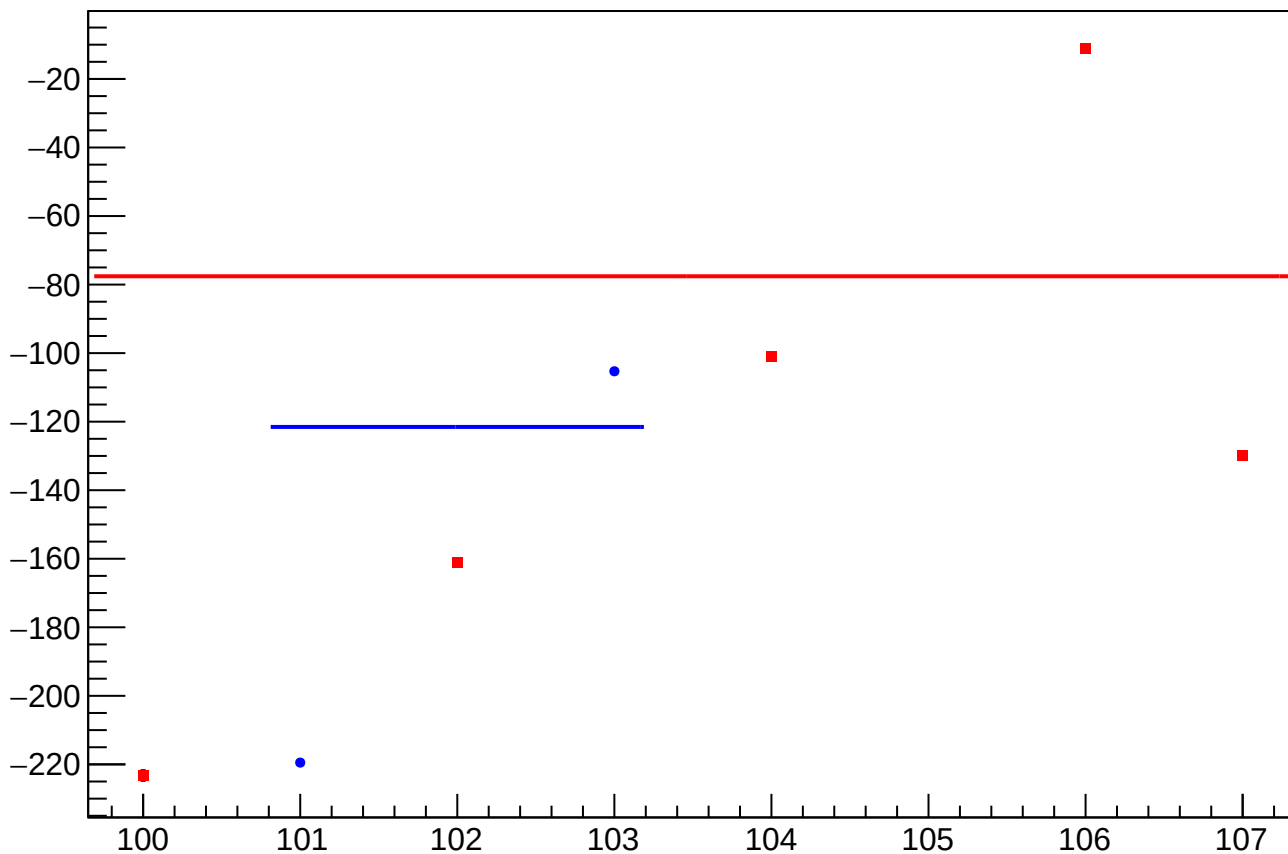
Right: 21.363 $\pm$ 3.085 χ^2 /NDF: 26.1/6

In: 25.495 $\pm$ 6.468 χ^2 /NDF: 15.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.363 $\pm$ 3.085 χ^2 /NDF: 26.1/6

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -121.536 $\pm$ 0.190 χ^2 /NDF: 44288.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -77.571 $\pm$ 0.126 χ^2 /NDF: 211593.5/4

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

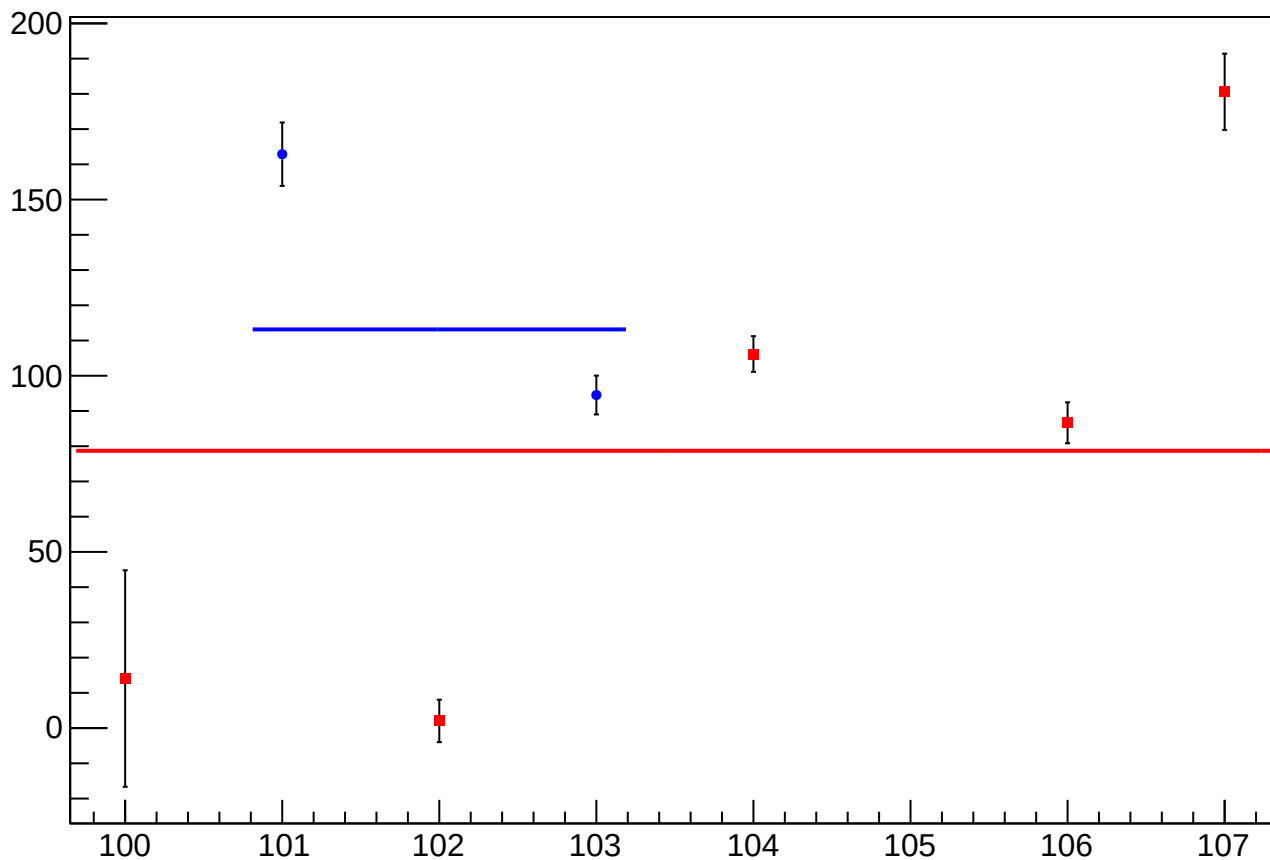
Right: -90.988 $\pm$ 0.105 χ^2 /NDF: 293279.6/6

In: -121.536 $\pm$ 0.190 χ^2 /NDF:44288.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -90.988 $\pm$ 0.105 χ^2 /NDF: 293279.6/6

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 113.153+/-4.701 χ^2/NDF : 41.9/1

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

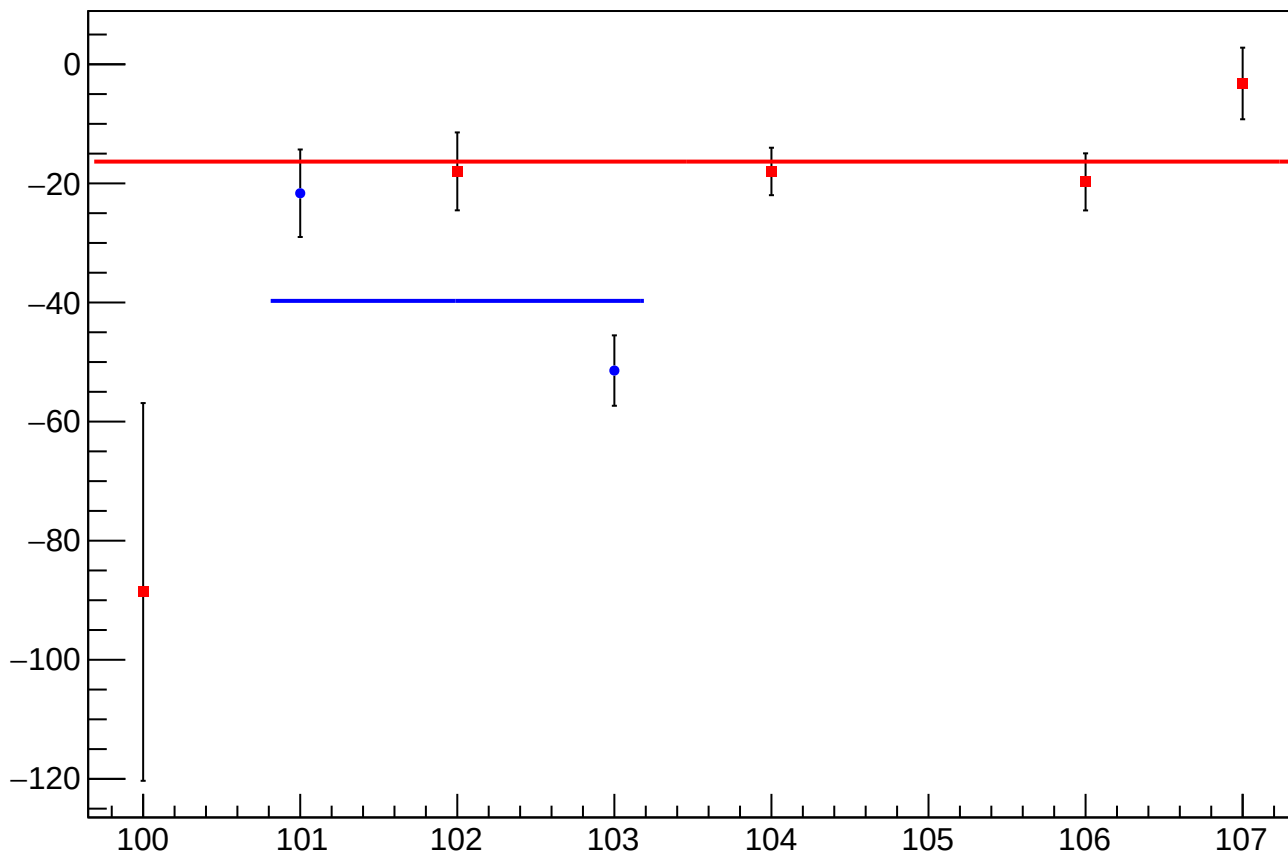
Right: 89.037+/-2.574 χ^2/NDF : 365.5/6

In: 113.153+/-4.701 χ^2/NDF : 41.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.037+/-2.574 χ^2/NDF : 365.5/6

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -39.729+/-4.606 χ^2/NDF : 10.0/1

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

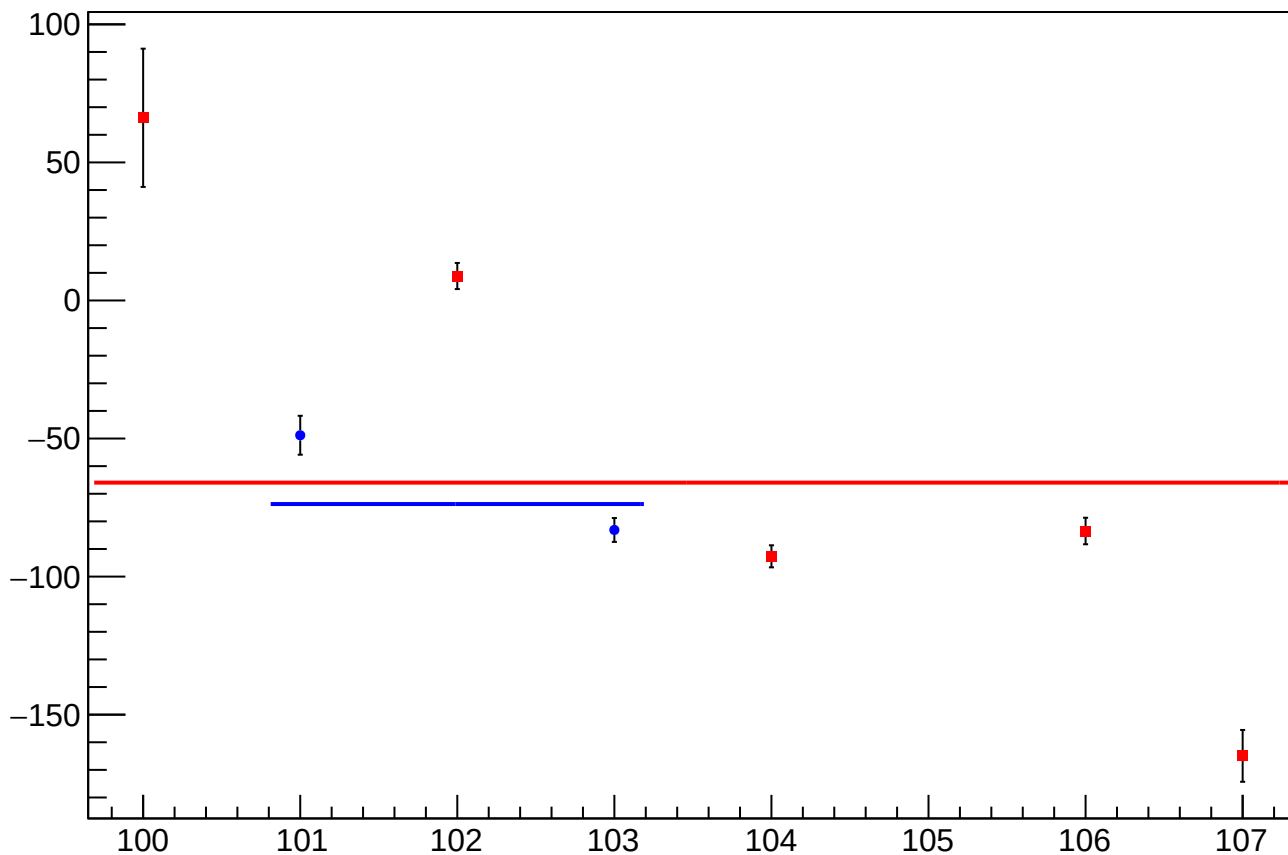
Right: -21.698+/-2.205 χ^2/NDF : 40.5/6

In: -39.729+/-4.606 χ^2/NDF : 10.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.698+/-2.205 χ^2/NDF : 40.5/6

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -73.723+/-3.686 χ^2/NDF : 17.2/1

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

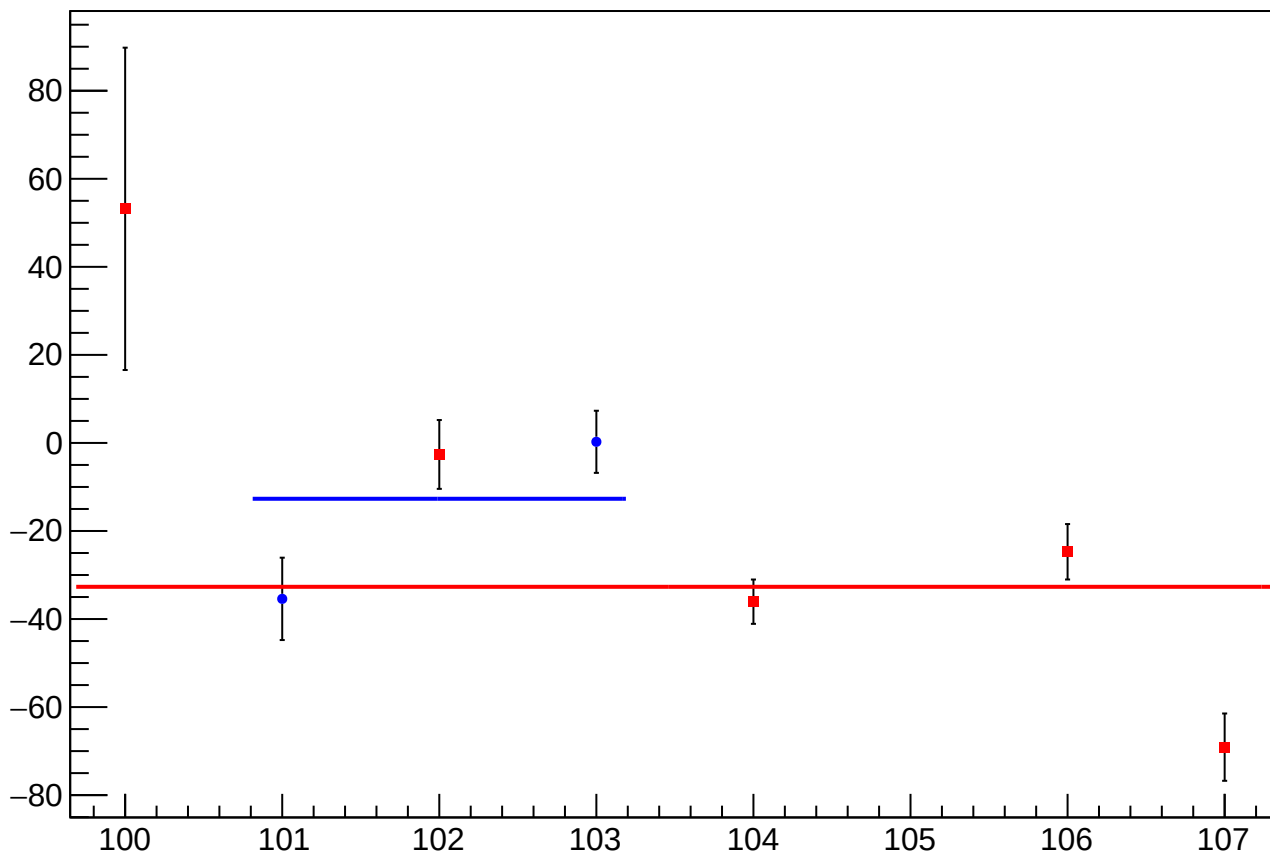
Right: -68.372+/-2.053 χ^2/NDF : 467.4/6

In: -73.723+/-3.686 χ^2/NDF : 17.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -68.372+/-2.053 χ^2/NDF : 467.4/6

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.683 $\pm$ 5.633 χ^2 /NDF: 9.3/1

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

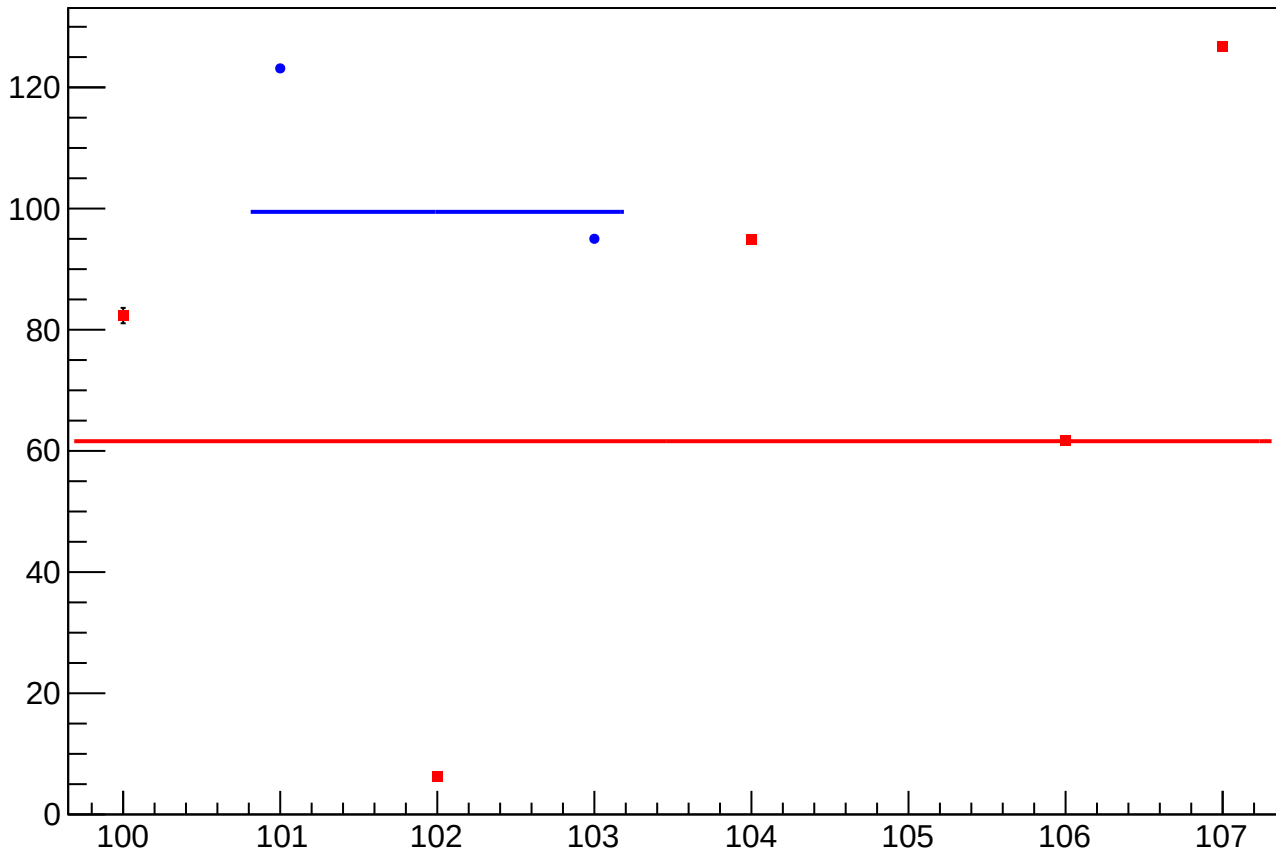
Right: -27.848 $\pm$ 2.769 χ^2 /NDF: 63.9/6

In: -12.683 $\pm$ 5.633 χ^2 /NDF: 9.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -27.848 $\pm$ 2.769 χ^2 /NDF: 63.9/6

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 99.458+/-0.166 χ^2/NDF : 3814.5/1

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

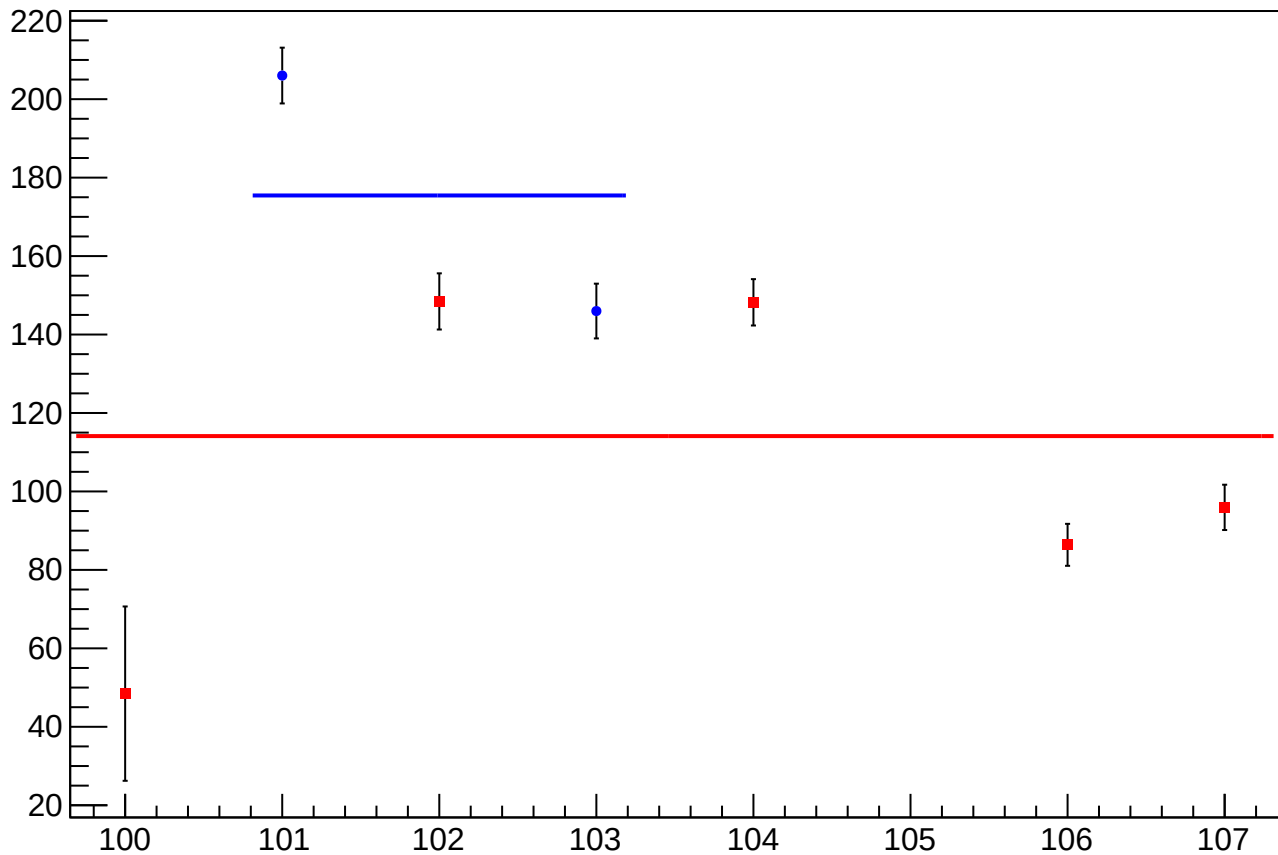
Right: 73.034+/-0.091 χ^2/NDF : 174191.5/6

In: 99.458+/-0.166 χ^2/NDF : 3814.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.034+/-0.091 χ^2/NDF : 174191.5/6

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 175.452+/-4.980 χ^2/NDF : 36.3/1

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

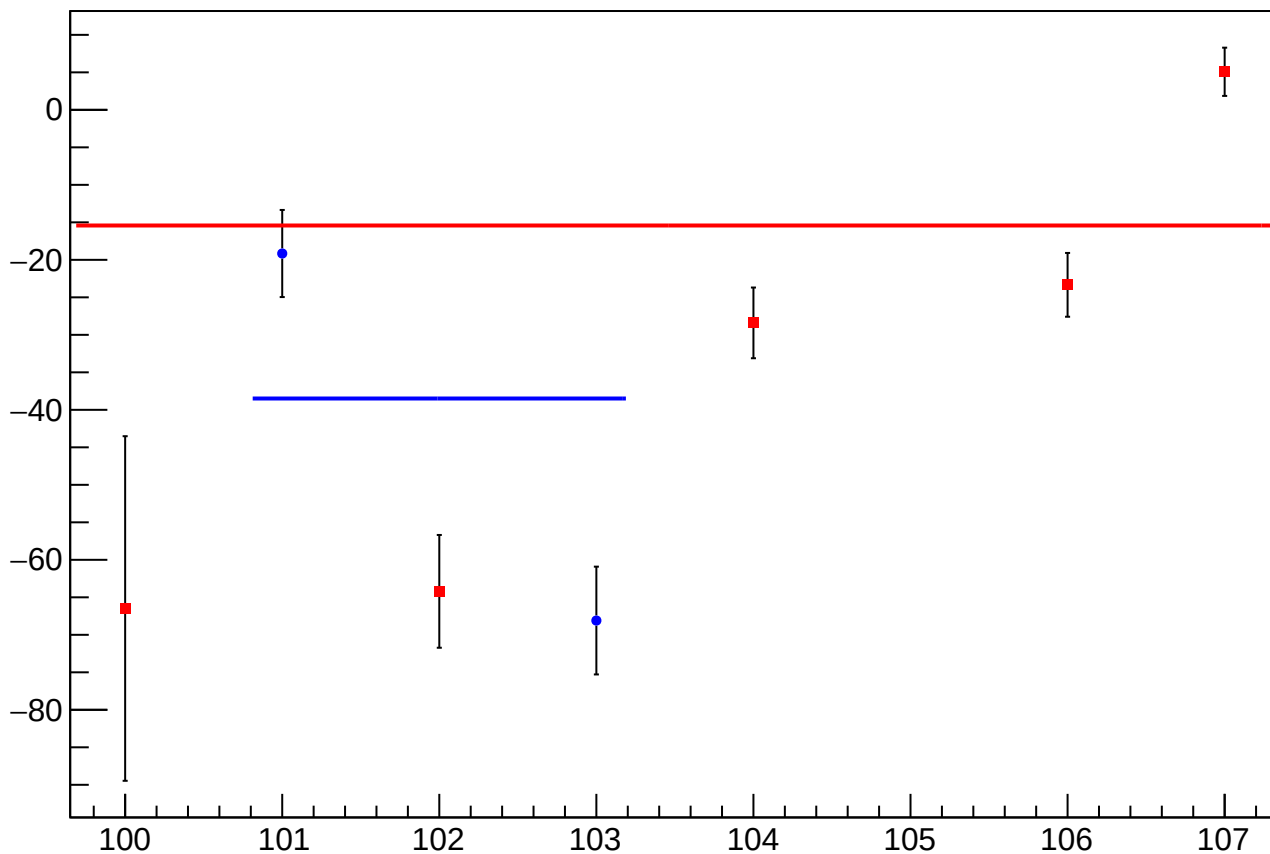
Right: 130.025+/-2.537 χ^2/NDF : 250.4/6

In: 175.452+/-4.980 χ^2/NDF : 36.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.025+/-2.537 χ^2/NDF : 250.4/6

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.490 $\pm$ 4.517 χ^2 /NDF: 28.1/1

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

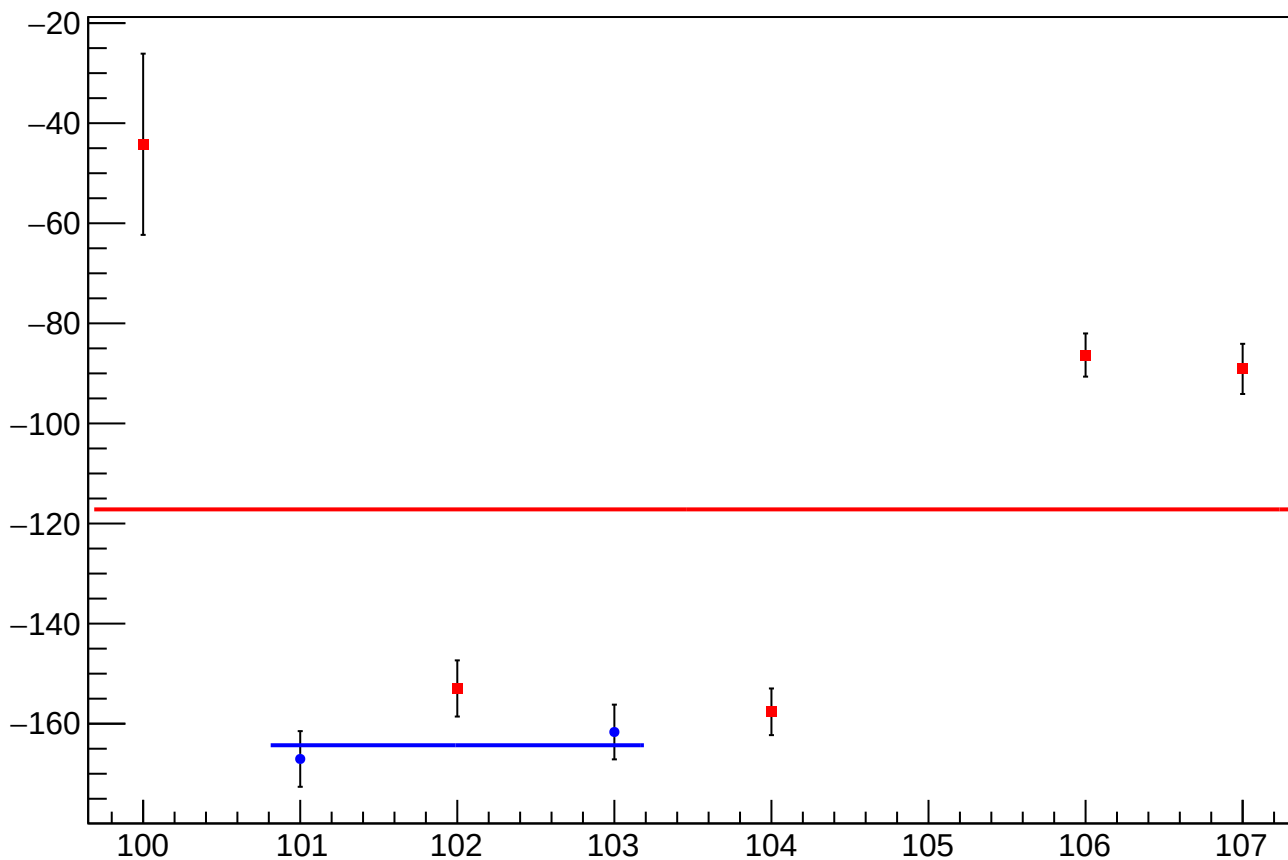
Right: -19.679 $\pm$ 1.941 χ^2 /NDF: 148.0/6

In: -38.490 $\pm$ 4.517 χ^2 /NDF:28.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -19.679 $\pm$ 1.941 χ^2 /NDF: 148.0/6

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -164.306+/-3.900 χ^2/NDF : 0.5/1

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

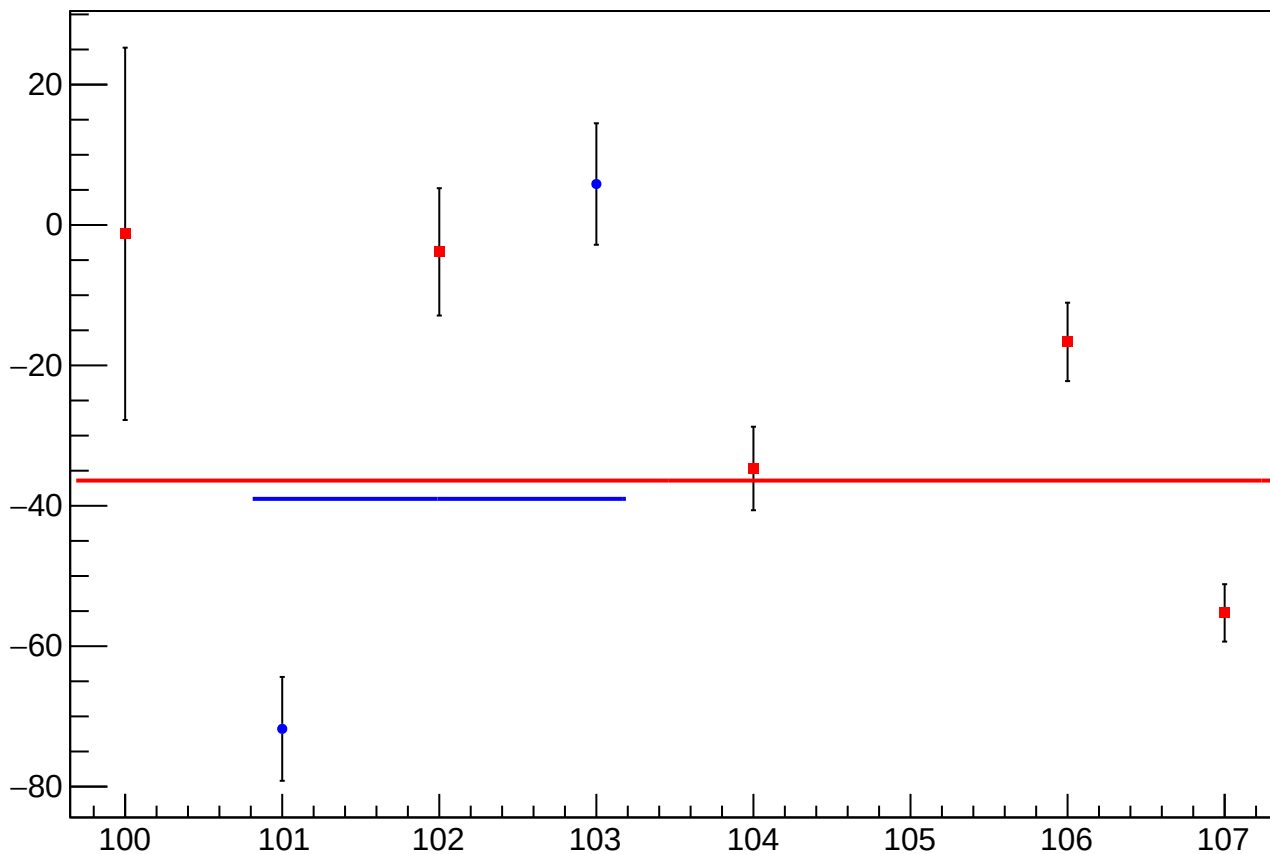
Right: -130.083+/-2.041 χ^2/NDF : 321.2/6

In: -164.306+/-3.900 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -130.083+/-2.041 χ^2/NDF : 321.2/6

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -39.010 ± 5.623 $\chi^2/\text{NDF}: 46.5/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -36.404 ± 2.735 $\chi^2/\text{NDF}: 48.5/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

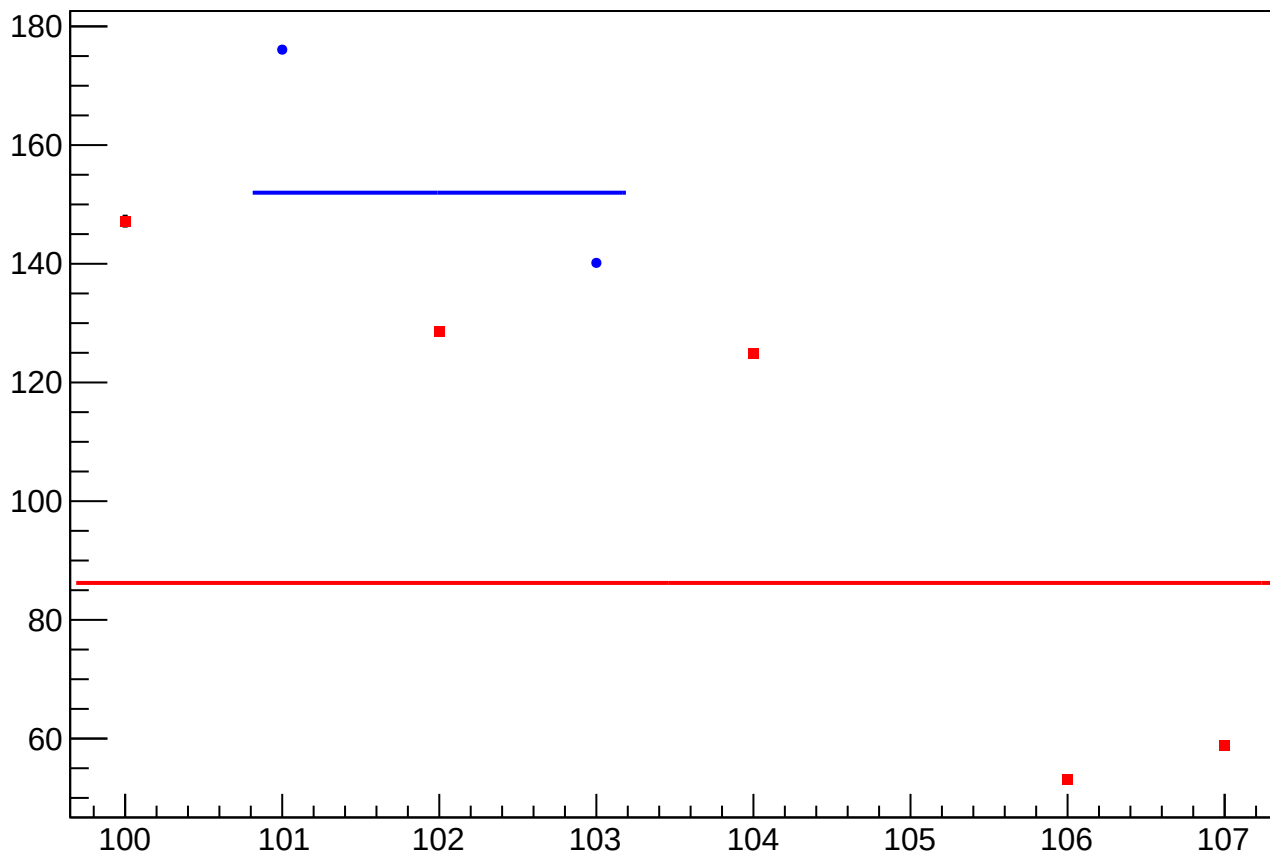
Right: -36.903 ± 2.459 $\chi^2/\text{NDF}: 95.2/6$

In: -39.010 ± 5.623 $\chi^2/\text{NDF}: 46.5/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -36.903 ± 2.459 $\chi^2/\text{NDF}: 95.2/6$

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 151.979+/-0.190 χ^2/NDF : 7902.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.224+/-0.106 χ^2/NDF : 111169.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

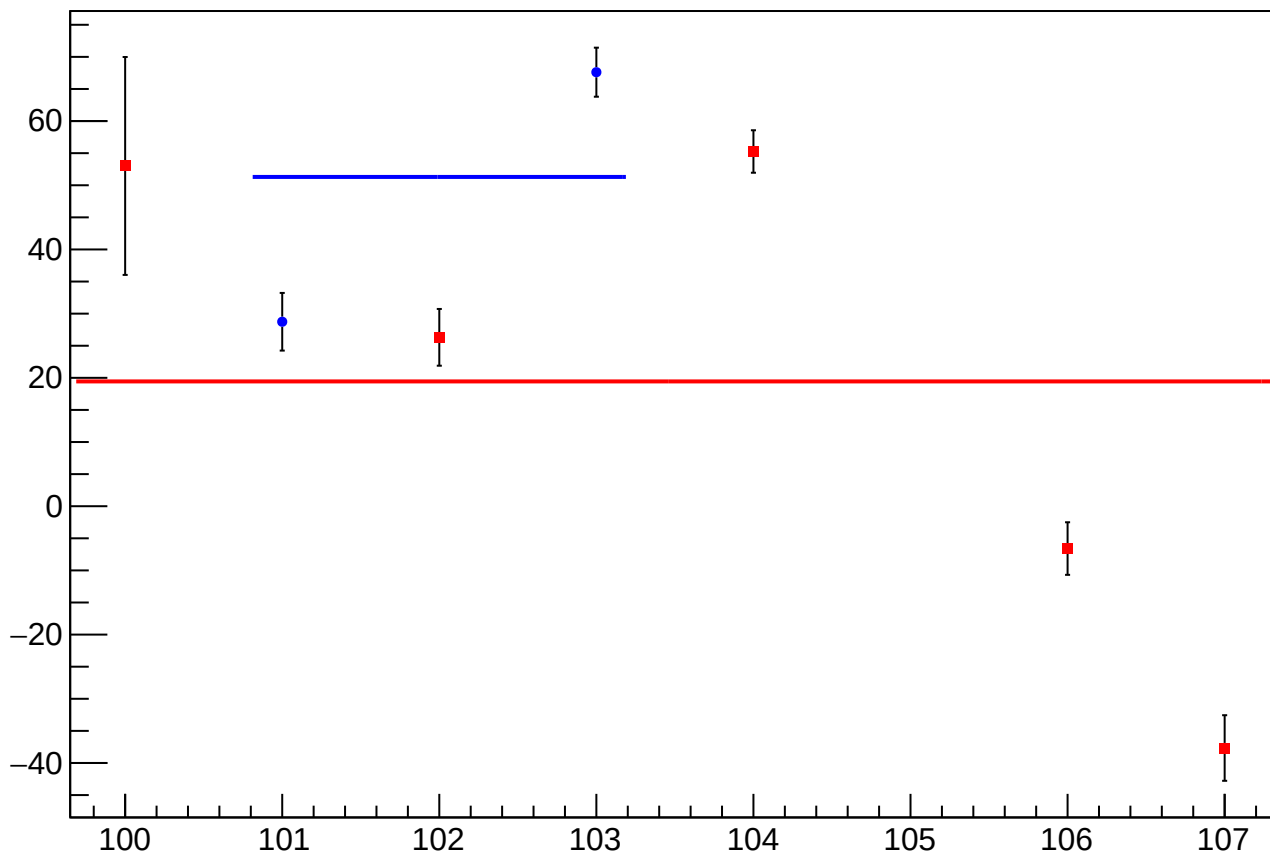
Right: 101.951+/-0.093 χ^2/NDF : 210281.3/6

In: 151.979+/-0.190 χ^2/NDF : 7902.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.951+/-0.093 χ^2/NDF : 210281.3/6

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 51.298 $\pm$ 2.910 χ^2 /NDF: 43.5/1

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

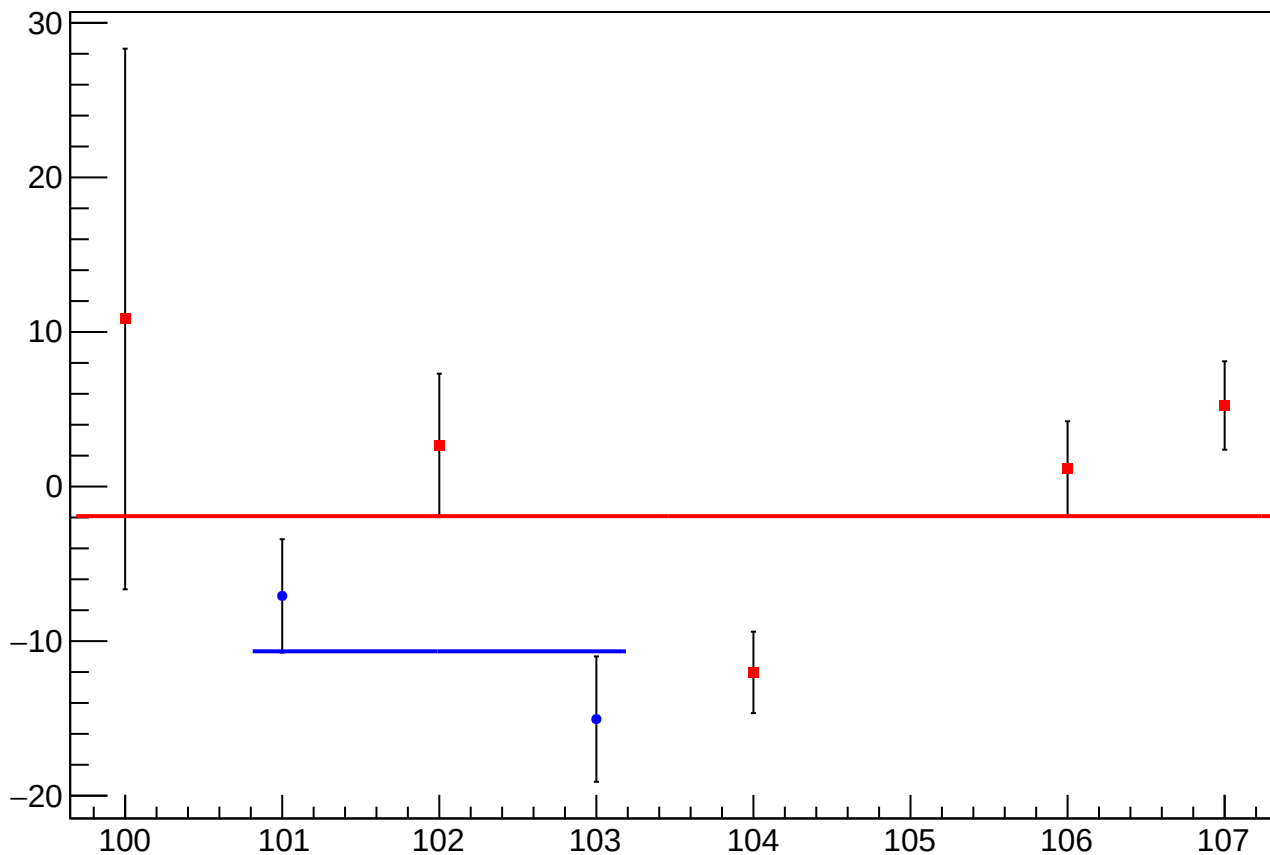
Right: 29.832 $\pm$ 1.662 χ^2 /NDF: 413.1/6

In: 51.298 $\pm$ 2.910 χ^2 /NDF:43.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 29.832 $\pm$ 1.662 χ^2 /NDF: 413.1/6

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -10.659 $\pm$ 2.720 χ^2 /NDF: 2.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.913 $\pm$ 1.539 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

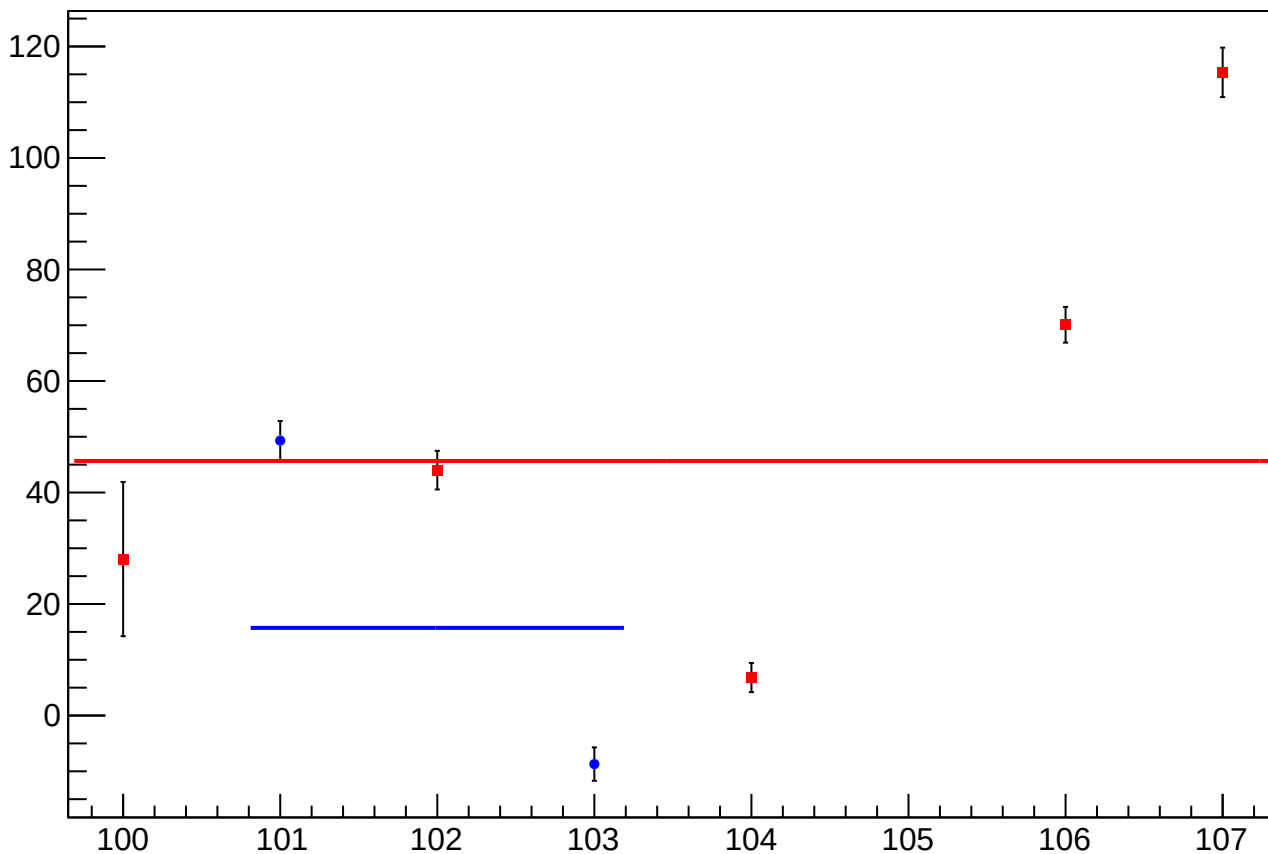
Right: -4.034 $\pm$ 1.340 χ^2 /NDF: 33.5/6

In: -10.659 $\pm$ 2.720 χ^2 /NDF: 2.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -4.034 $\pm$ 1.340 χ^2 /NDF: 33.5/6

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 15.724+/-2.280 χ^2/NDF : 157.8/1

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

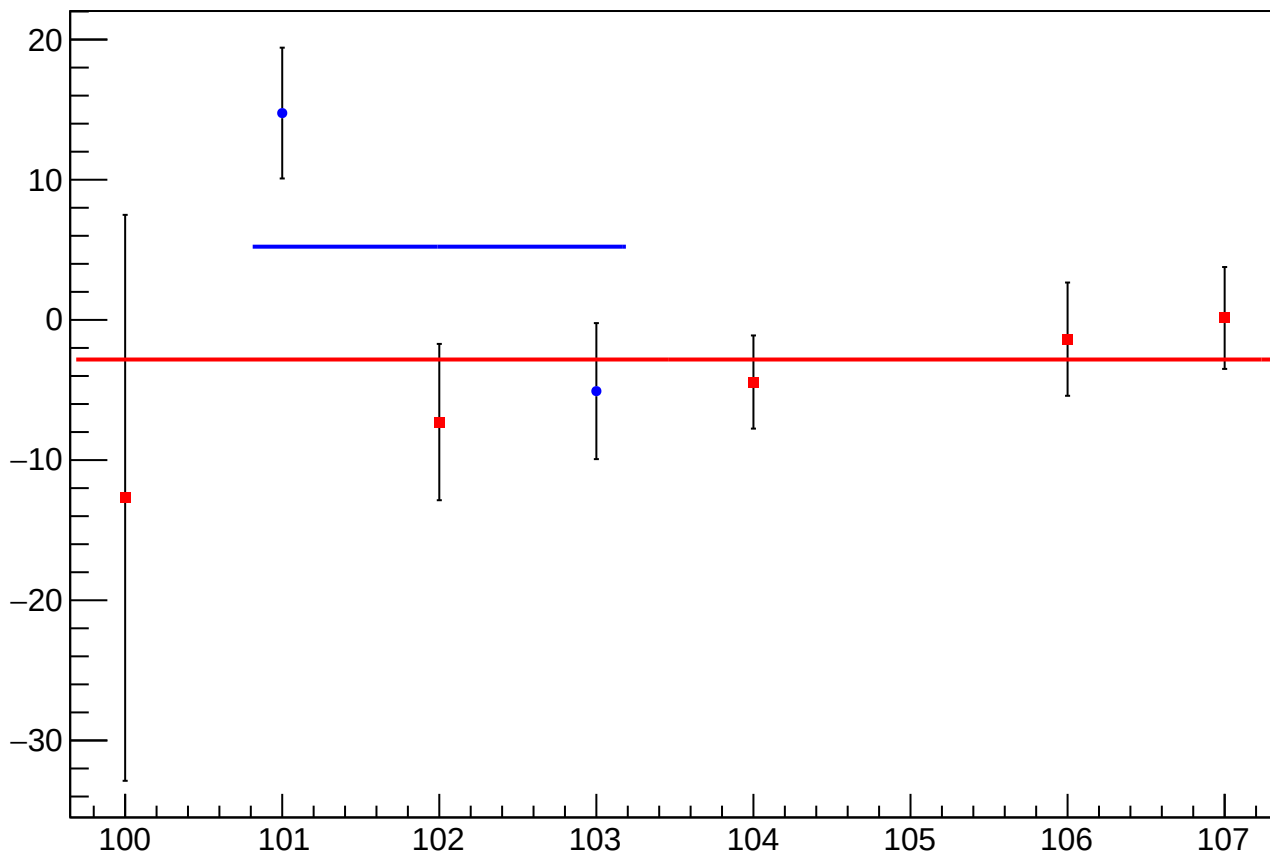
Right: 35.669+/-1.317 χ^2/NDF : 801.5/6

In: 15.724+/-2.280 χ^2/NDF : 157.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.669+/-1.317 χ^2/NDF : 801.5/6

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.224+/-3.363 χ^2/NDF : 8.7/1

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

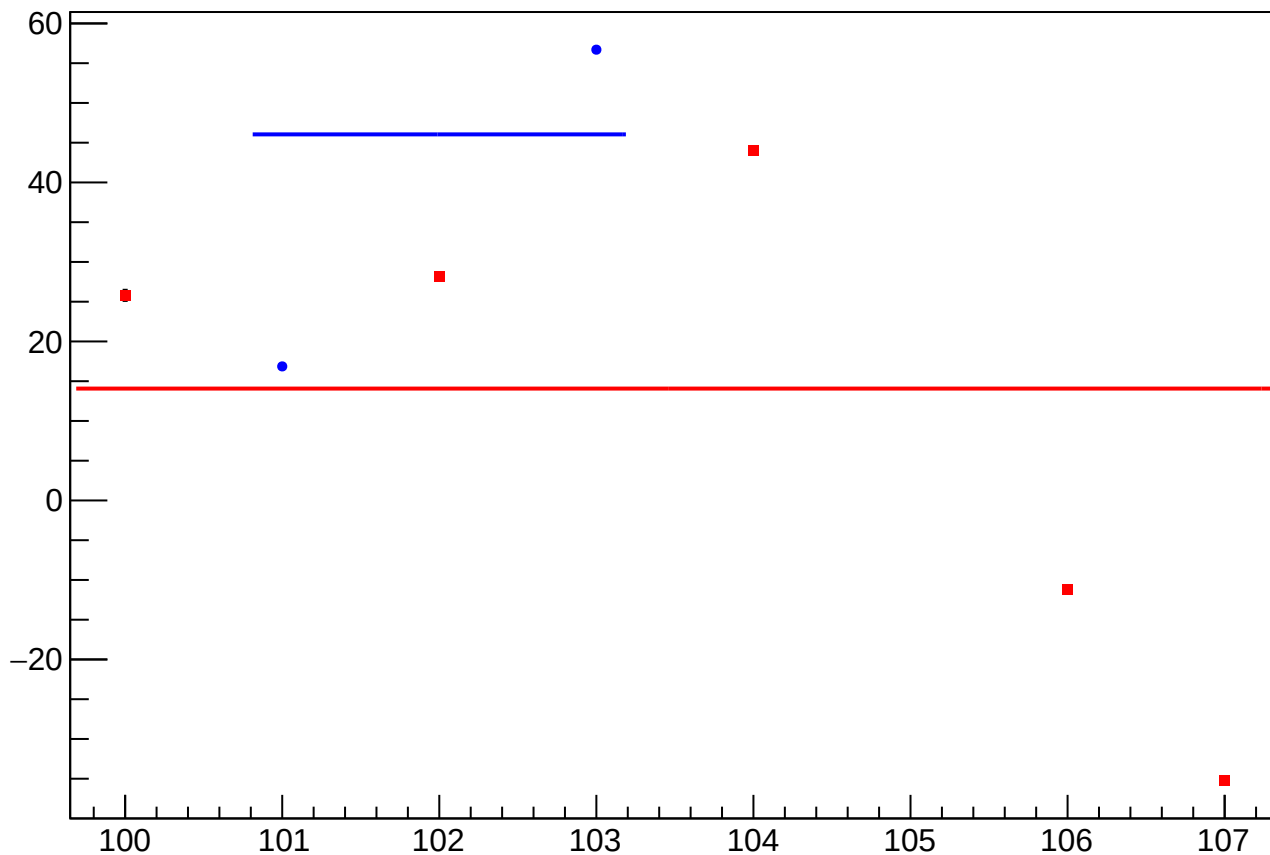
Right: -0.795+/-1.689 χ^2/NDF : 14.9/6

In: 5.224+/-3.363 χ^2/NDF : 8.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.795+/-1.689 χ^2/NDF : 14.9/6

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 46.046+/-0.108 χ^2/NDF : 26811.5/1

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

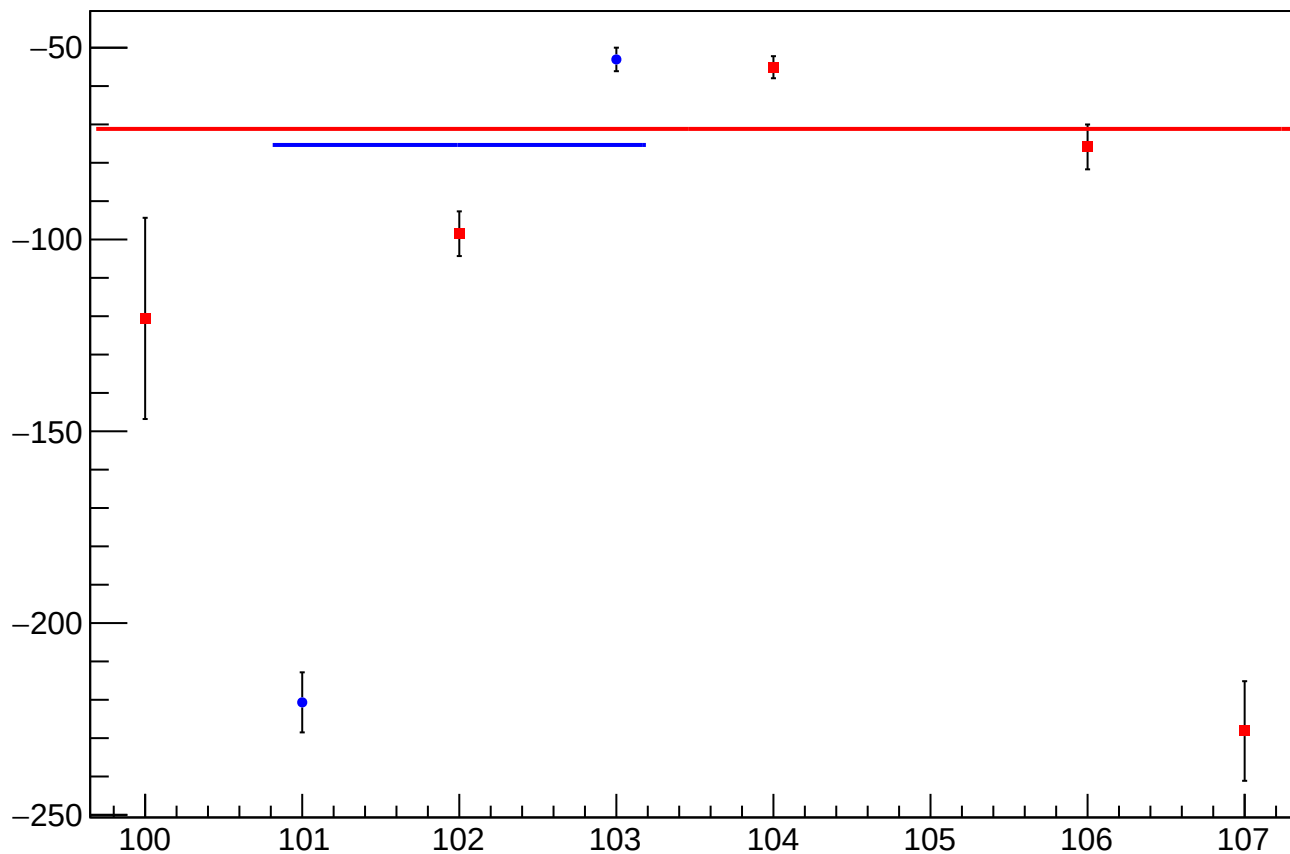
Right: 24.429+/-0.061 χ^2/NDF : 252059.4/6

In: 46.046+/-0.108 χ^2/NDF : 26811.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.429+/-0.061 χ^2/NDF : 252059.4/6

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -75.351+/-2.856 χ^2/NDF : 397.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -71.167+/-2.312 χ^2/NDF : 203.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

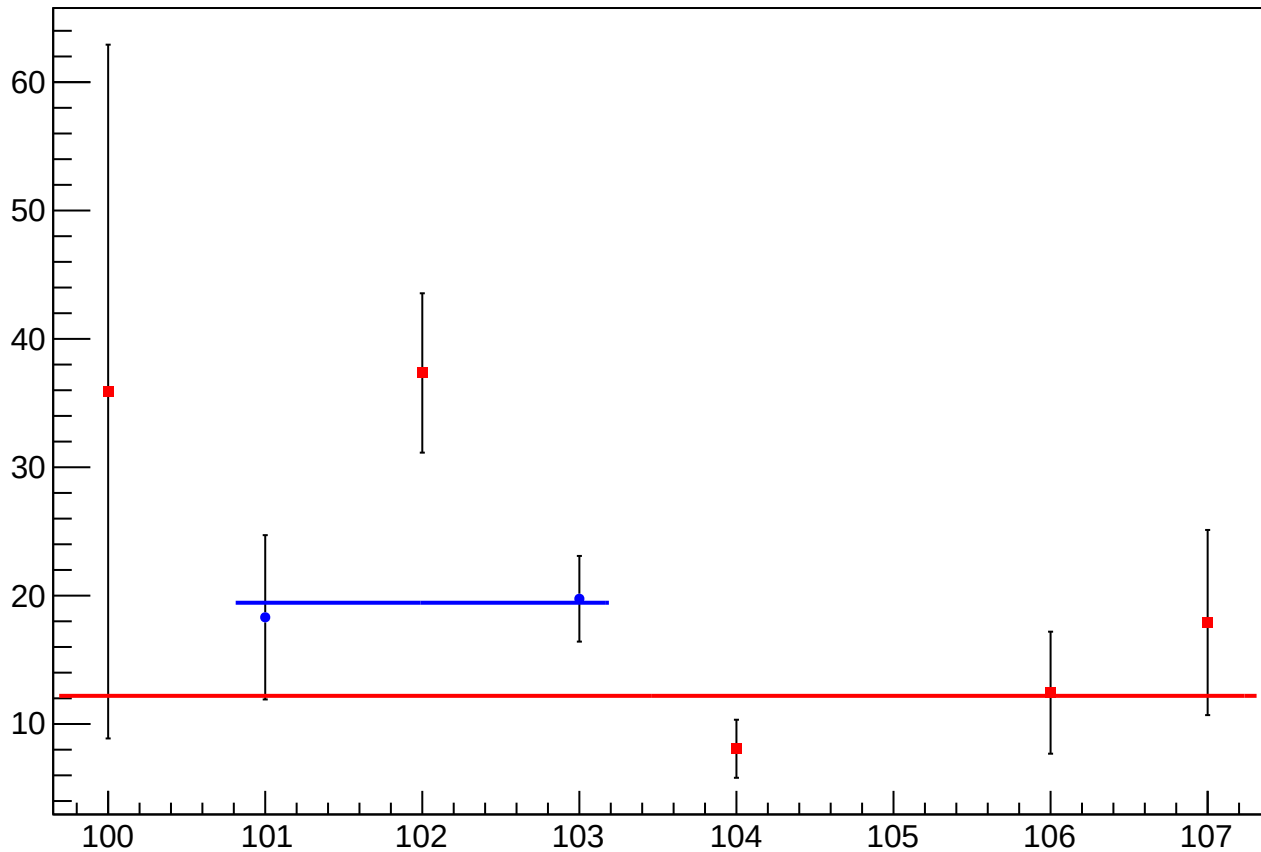
Right: -72.824+/-1.797 χ^2/NDF : 602.1/6

In: -75.351+/-2.856 χ^2/NDF : 397.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -72.824+/-1.797 χ^2/NDF : 602.1/6

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.446+/-2.959 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.193+/-1.869 χ^2/NDF : 21.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

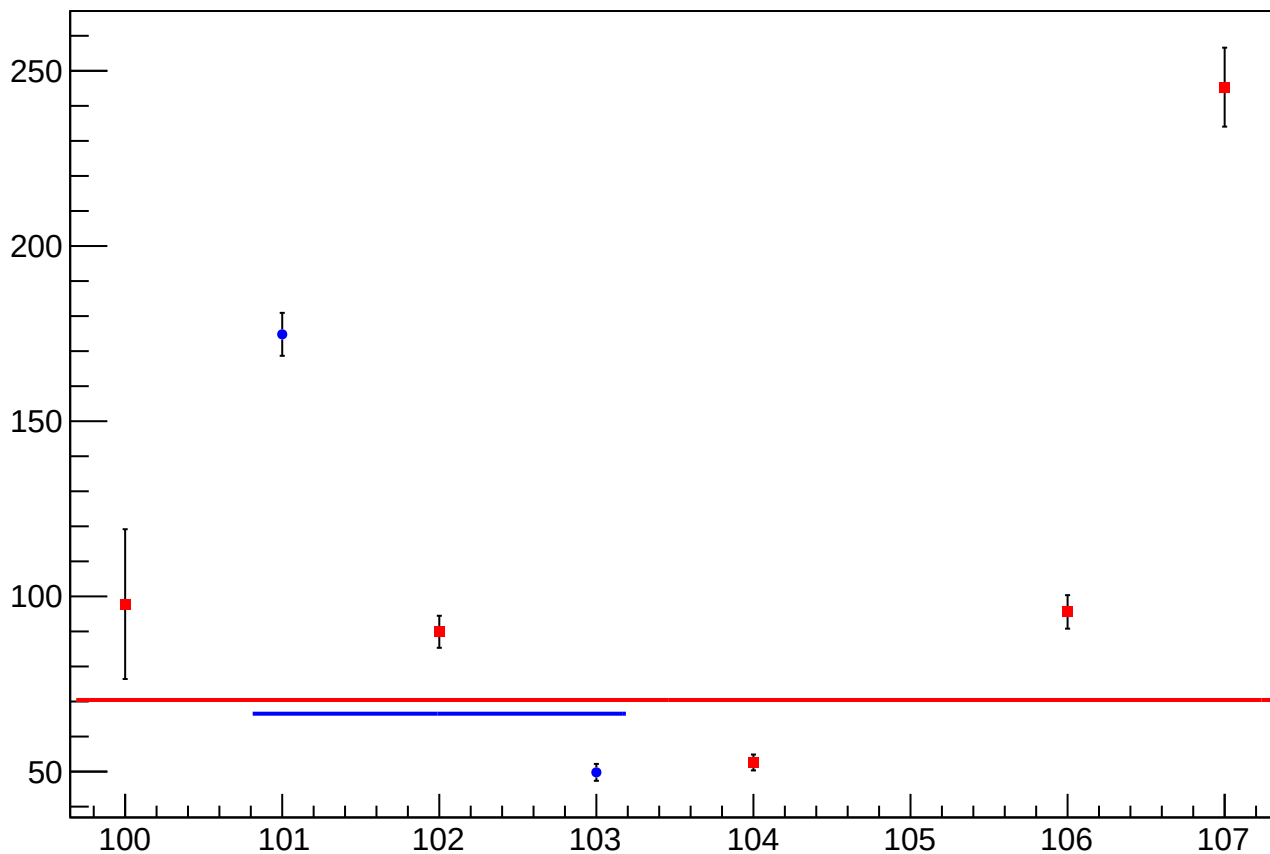
Right: 14.261+/-1.580 χ^2/NDF : 25.5/6

In: 19.446+/-2.959 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.261+/-1.580 χ^2/NDF : 25.5/6

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 66.523 ± 2.242 $\chi^2/\text{NDF}: 360.5/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 70.439 ± 1.838 $\chi^2/\text{NDF}: 350.2/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

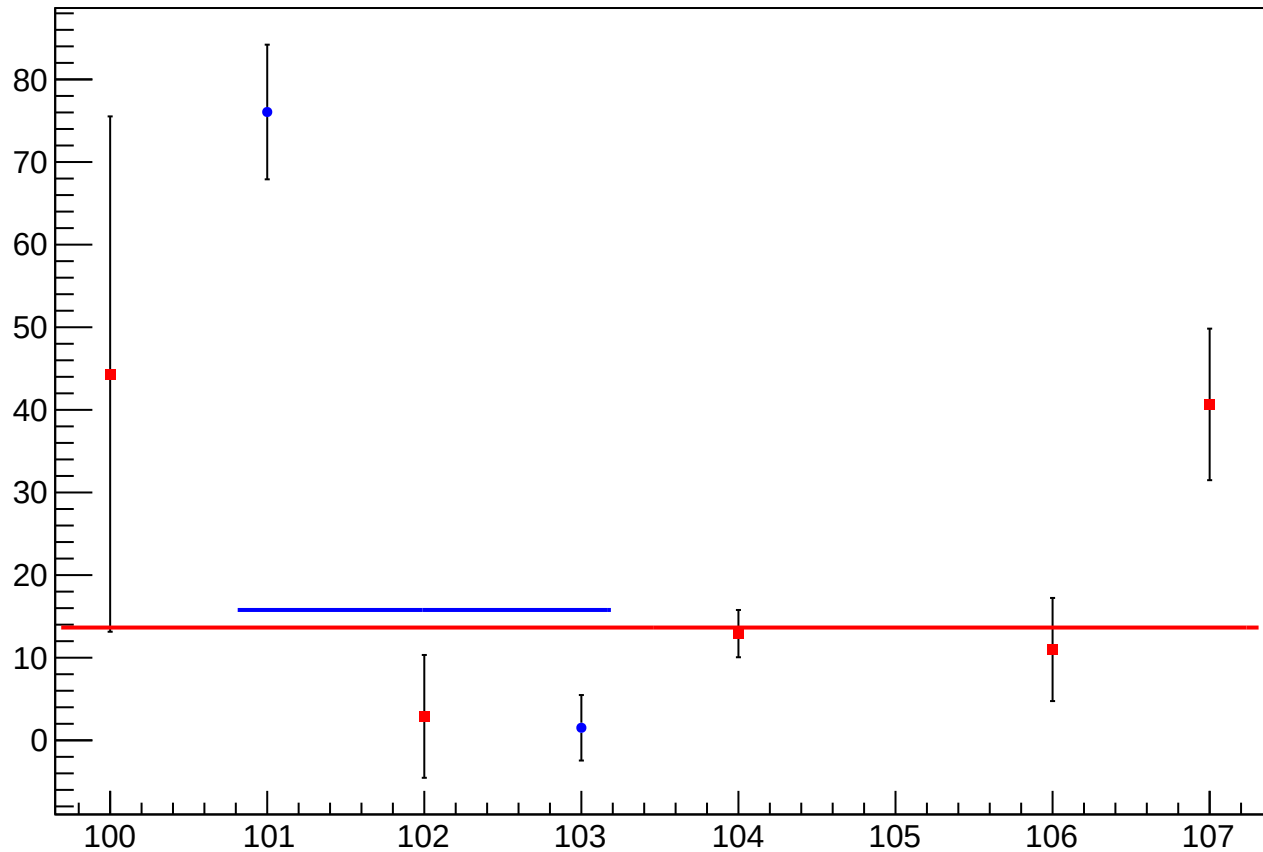
Right: 68.865 ± 1.421 $\chi^2/\text{NDF}: 712.5/6$

In: 66.523 ± 2.242 $\chi^2/\text{NDF}: 360.5/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 68.865 ± 1.421 $\chi^2/\text{NDF}: 712.5/6$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.779+/-3.565 χ^2 /NDF: 67.6/1

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

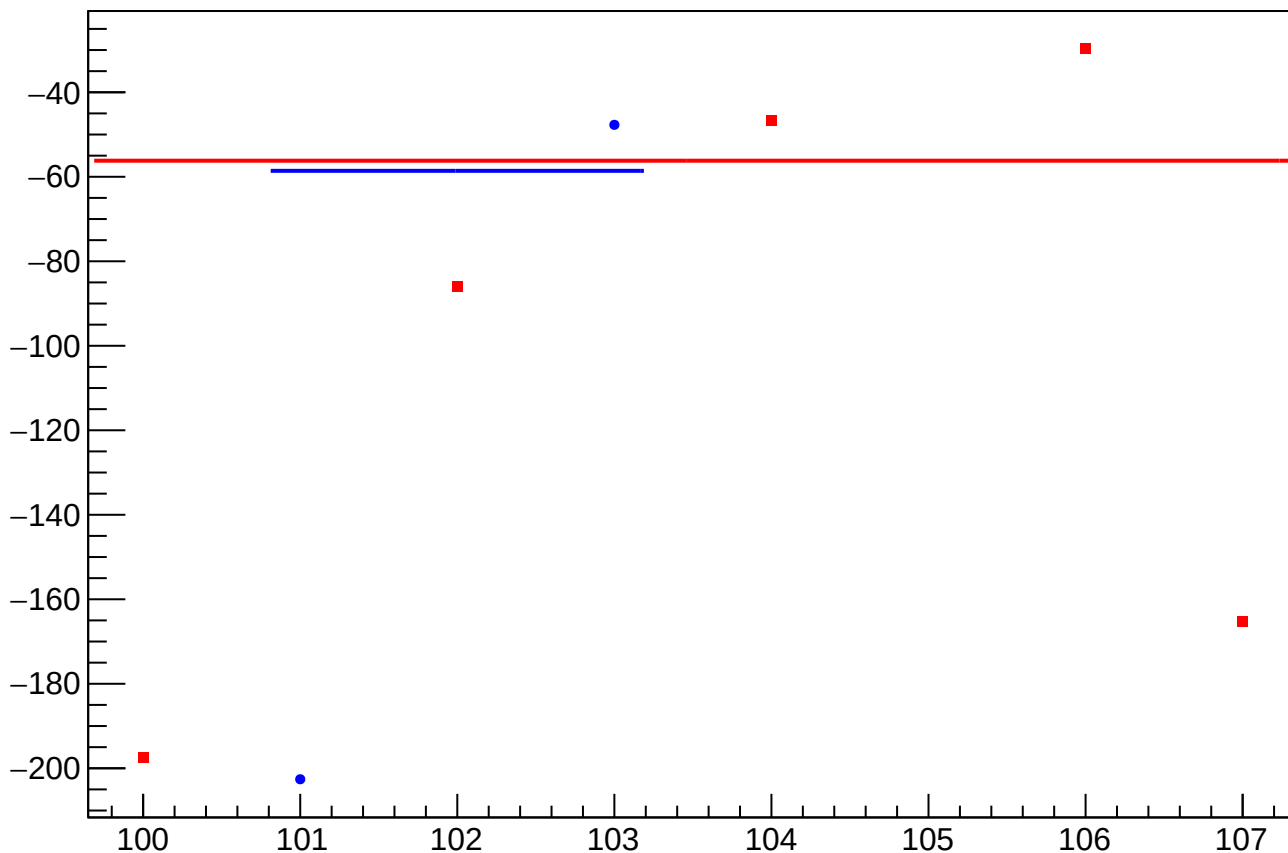
Right: 14.302+/-1.971 χ^2 /NDF: 79.9/6

In: 15.779+/-3.565 χ^2 /NDF: 67.6/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 14.302+/-1.971 χ^2 /NDF: 79.9/6

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.595 $\pm$ 0.097 χ^2 /NDF: 167566.7/1

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

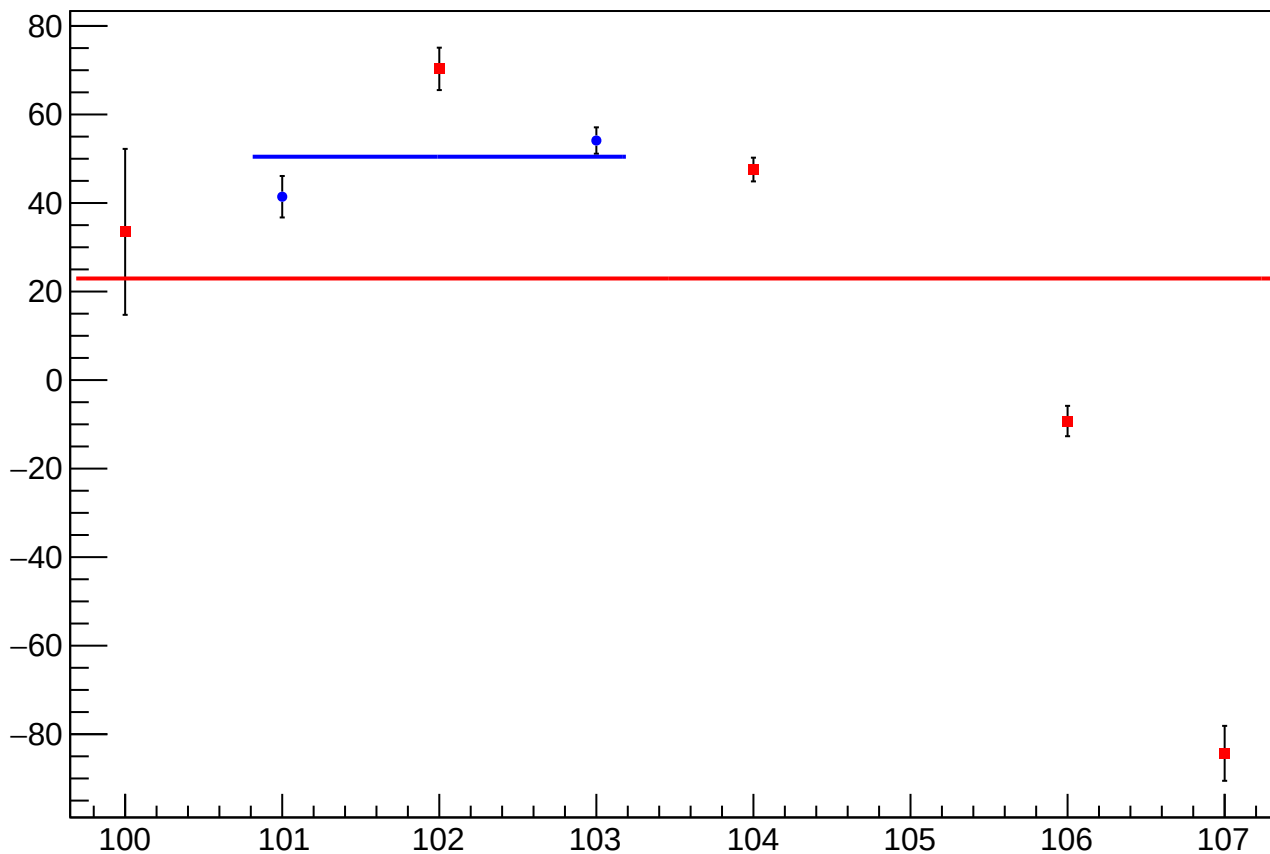
Right: -57.231 $\pm$ 0.064 χ^2 /NDF: 288998.0/6

In: -58.595 $\pm$ 0.097 χ^2 /NDF: 167566.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -57.231 $\pm$ 0.064 χ^2 /NDF: 288998.0/6

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 50.459+/-2.514 χ^2/NDF : 5.2/1

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

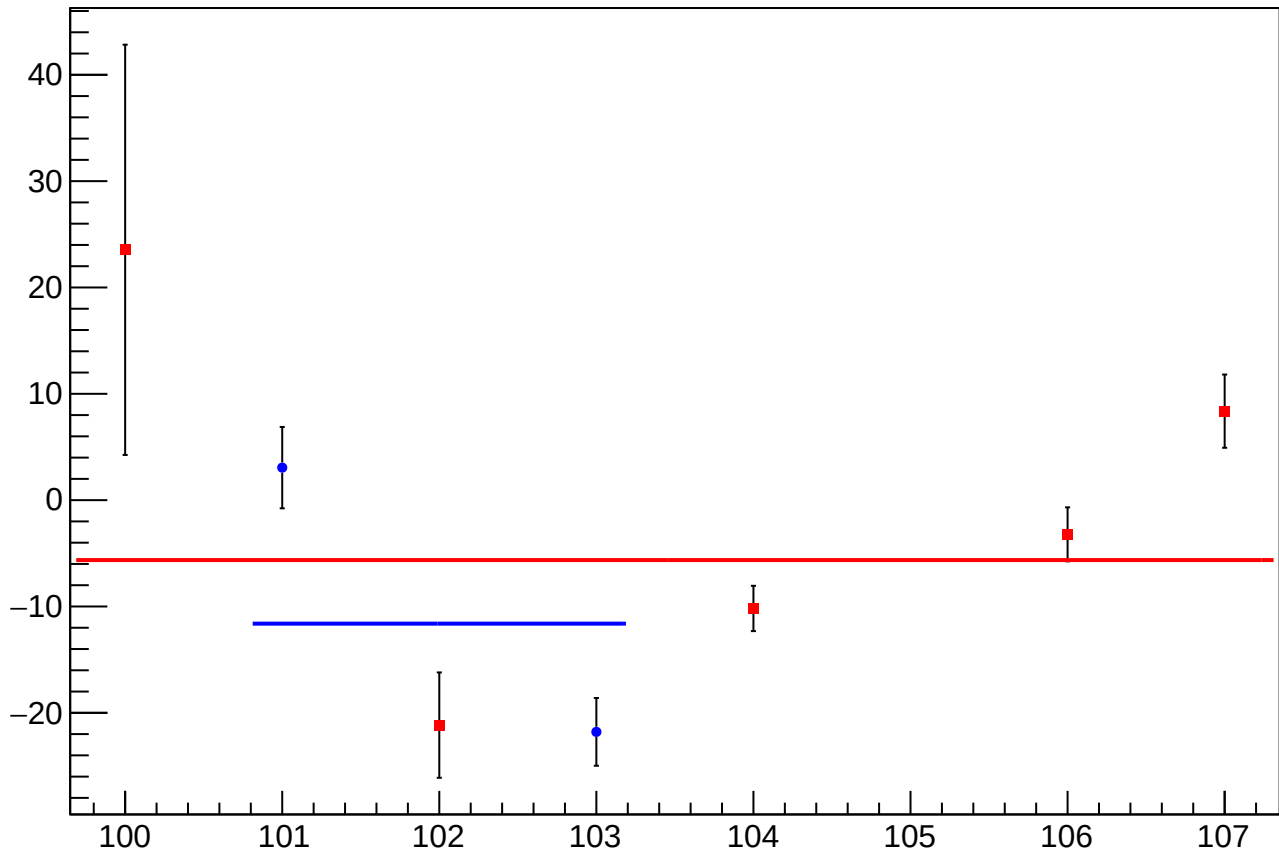
Right: 32.517+/-1.483 χ^2/NDF : 652.7/6

In: 50.459+/-2.514 χ^2/NDF : 5.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.517+/-1.483 χ^2/NDF : 652.7/6

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -11.614 $\pm$ 2.449 χ^2 /NDF: 24.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -5.635 $\pm$ 1.409 χ^2 /NDF: 34.1/4

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

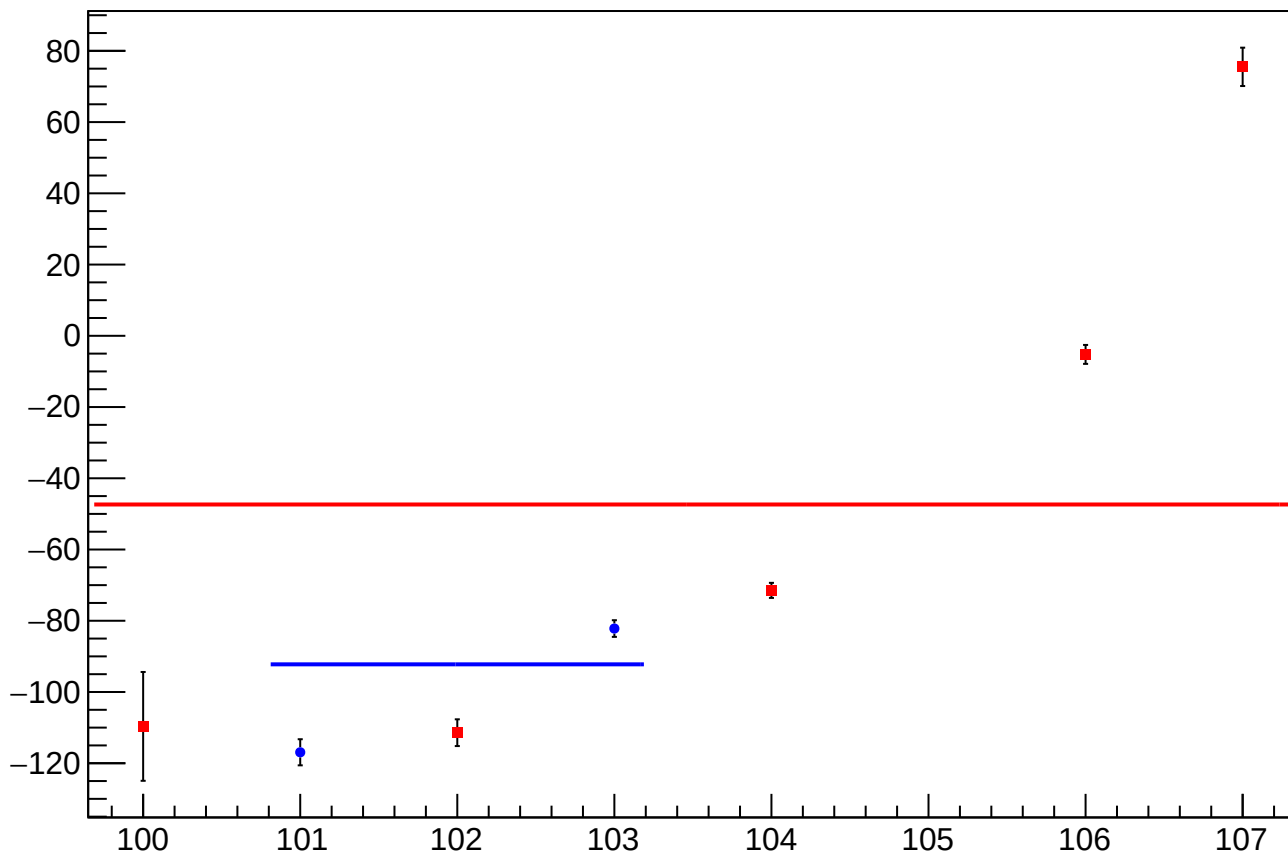
Right: -7.123 $\pm$ 1.221 χ^2 /NDF: 63.5/6

In: -11.614 $\pm$ 2.449 χ^2 /NDF:24.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -7.123 $\pm$ 1.221 χ^2 /NDF: 63.5/6

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -92.236+/-1.971 χ^2/NDF : 63.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -47.358+/-1.451 χ^2/NDF : 1209.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

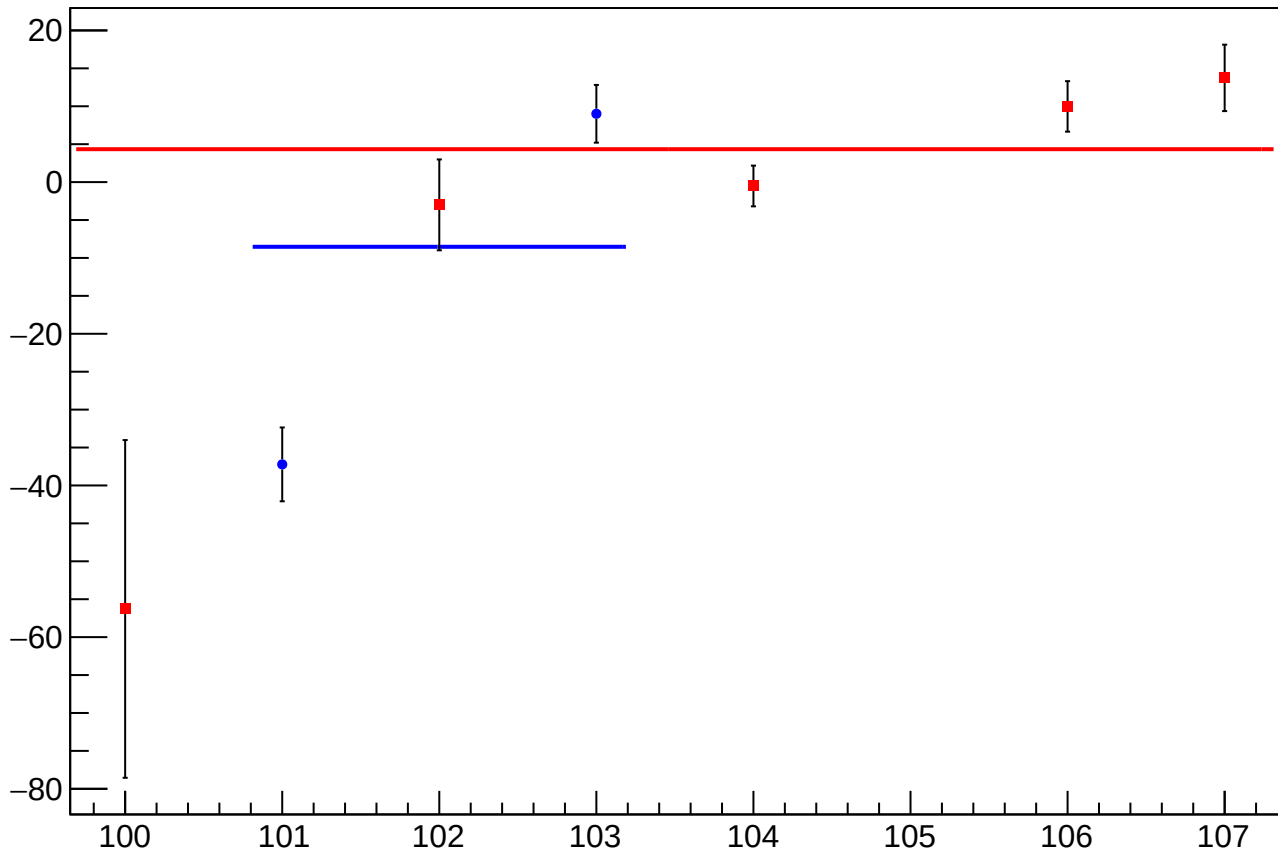
Right: -63.127+/-1.169 χ^2/NDF : 1609.9/6

In: -92.236+/-1.971 χ^2/NDF : 63.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -63.127+/-1.169 χ^2/NDF : 1609.9/6

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -8.530+/-2.998 χ^2/NDF : 56.0/1

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

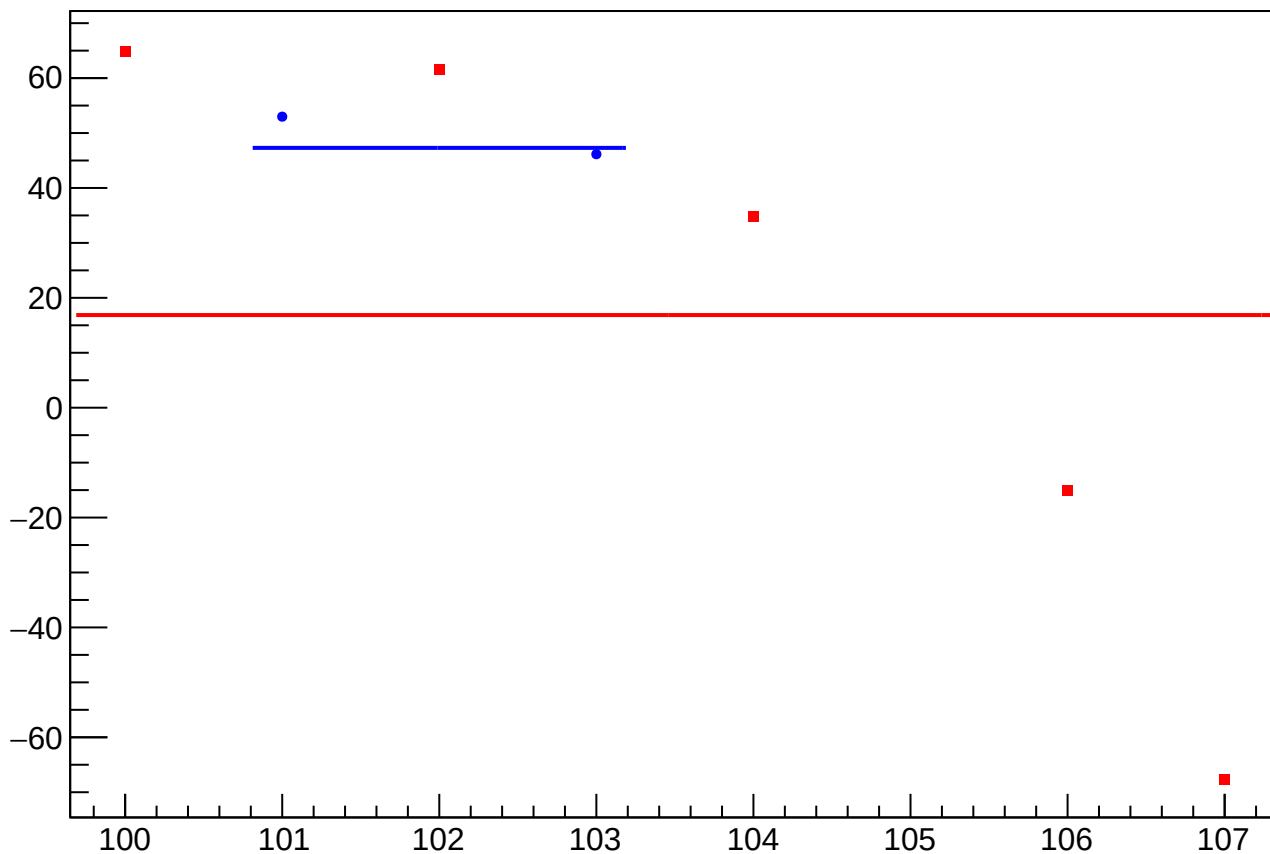
Right: 0.948+/-1.539 χ^2/NDF : 89.2/6

In: -8.530+/-2.998 χ^2/NDF : 56.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.948+/-1.539 χ^2/NDF : 89.2/6

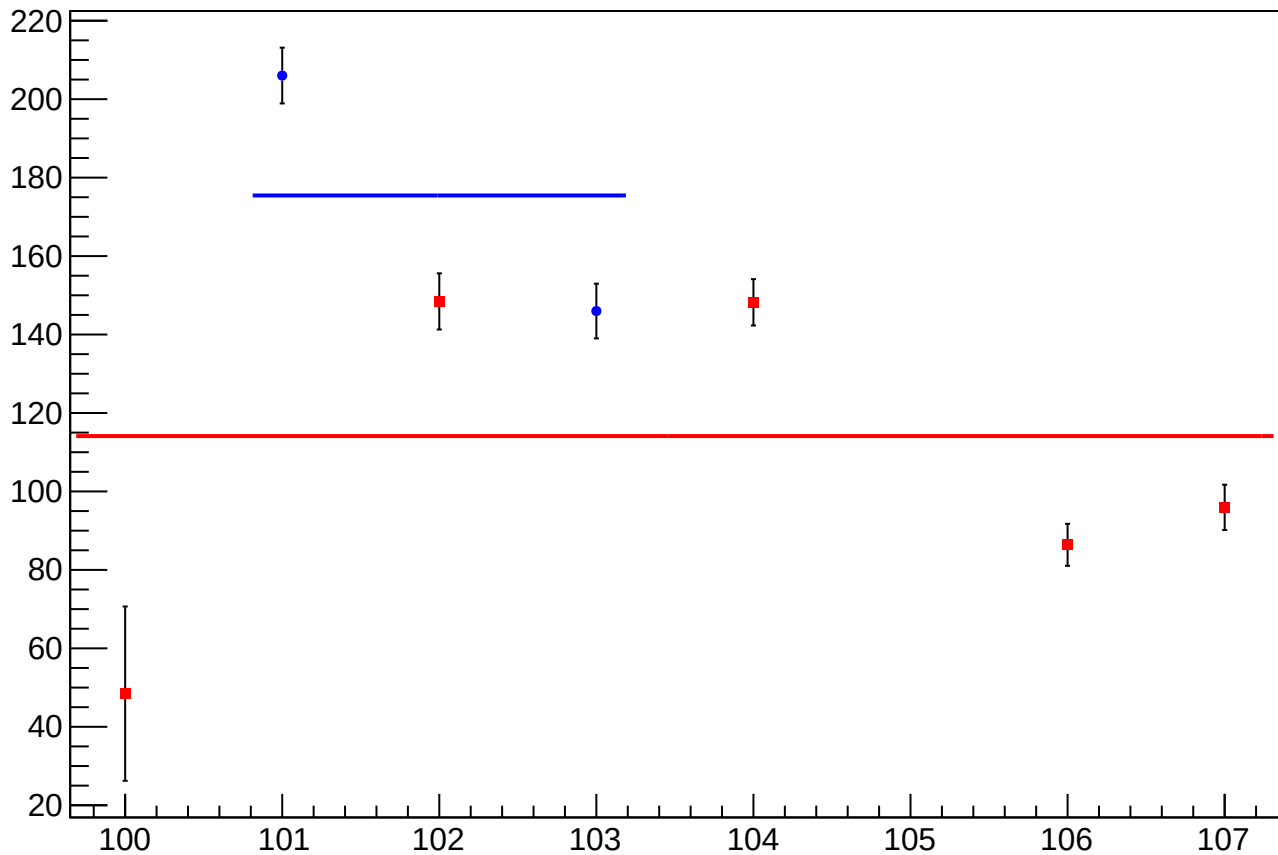
reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 47.300+/-0.089 χ^2/NDF : 822.2/1
 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: 28.199+/-0.055 χ^2/NDF : 389827.9/6
 In: 47.300+/-0.089 χ^2/NDF : 822.2/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 28.199+/-0.055 χ^2/NDF : 389827.9/6

reg_asym_at1_avg_at2_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 175.452 $\pm$ 4.980 χ^2 /NDF: 36.3/1

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

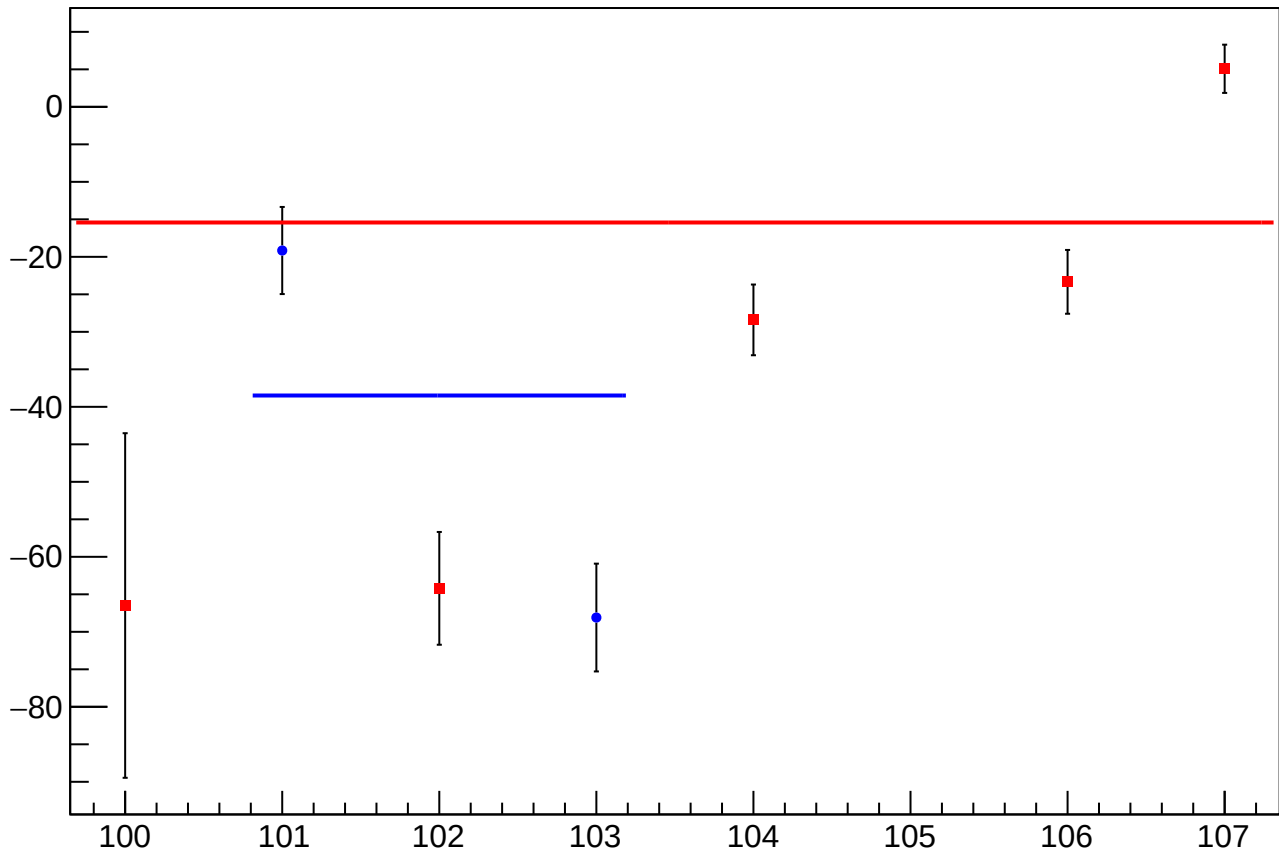
Right: 130.025 $\pm$ 2.537 χ^2 /NDF: 250.4/6

In: 175.452 $\pm$ 4.980 χ^2 /NDF:36.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 130.025 $\pm$ 2.537 χ^2 /NDF: 250.4/6

reg_asym_at1_avg_at2_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.490 $\pm$ 4.517 χ^2 /NDF: 28.1/1

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

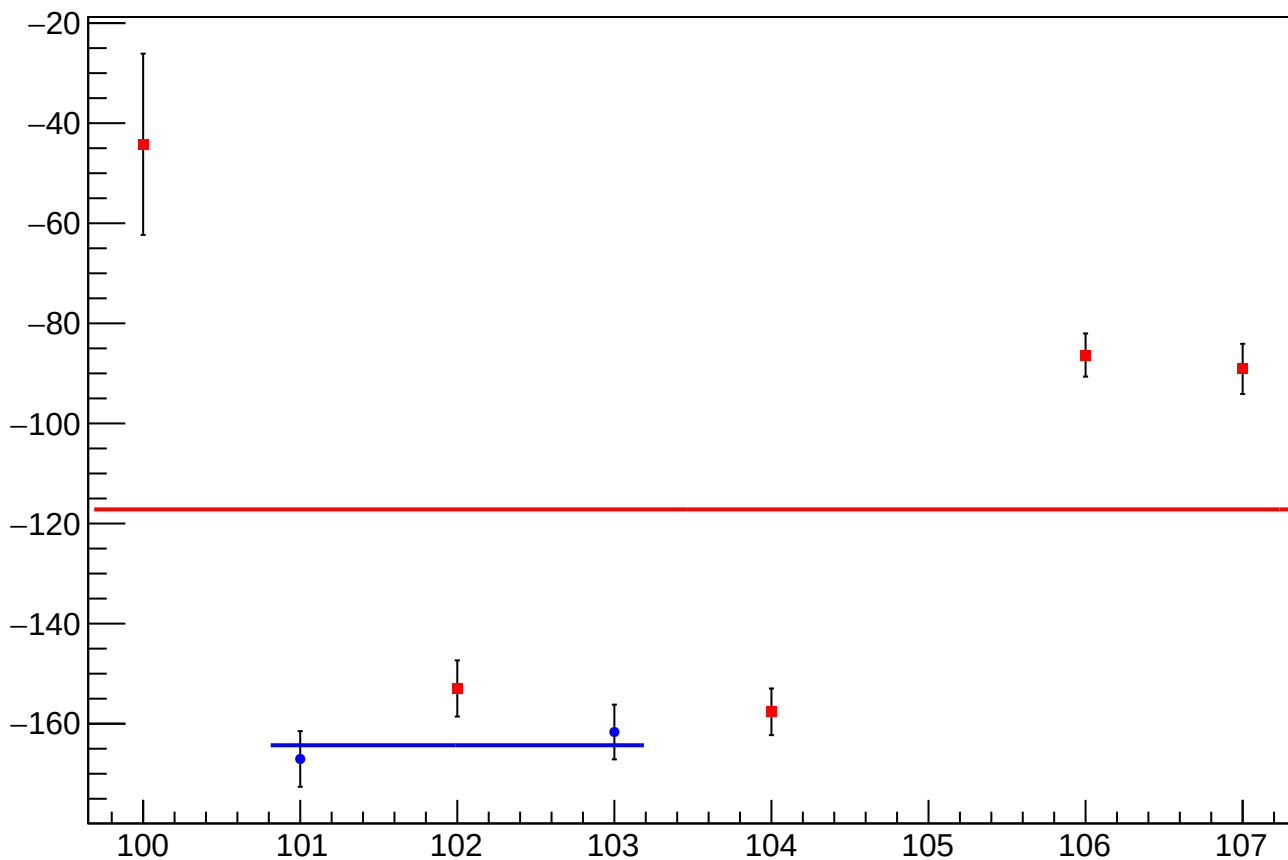
Right: -19.679 $\pm$ 1.941 χ^2 /NDF: 148.0/6

In: -38.490 $\pm$ 4.517 χ^2 /NDF: 28.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -19.679 $\pm$ 1.941 χ^2 /NDF: 148.0/6

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -164.306+/-3.900 χ^2/NDF : 0.5/1

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

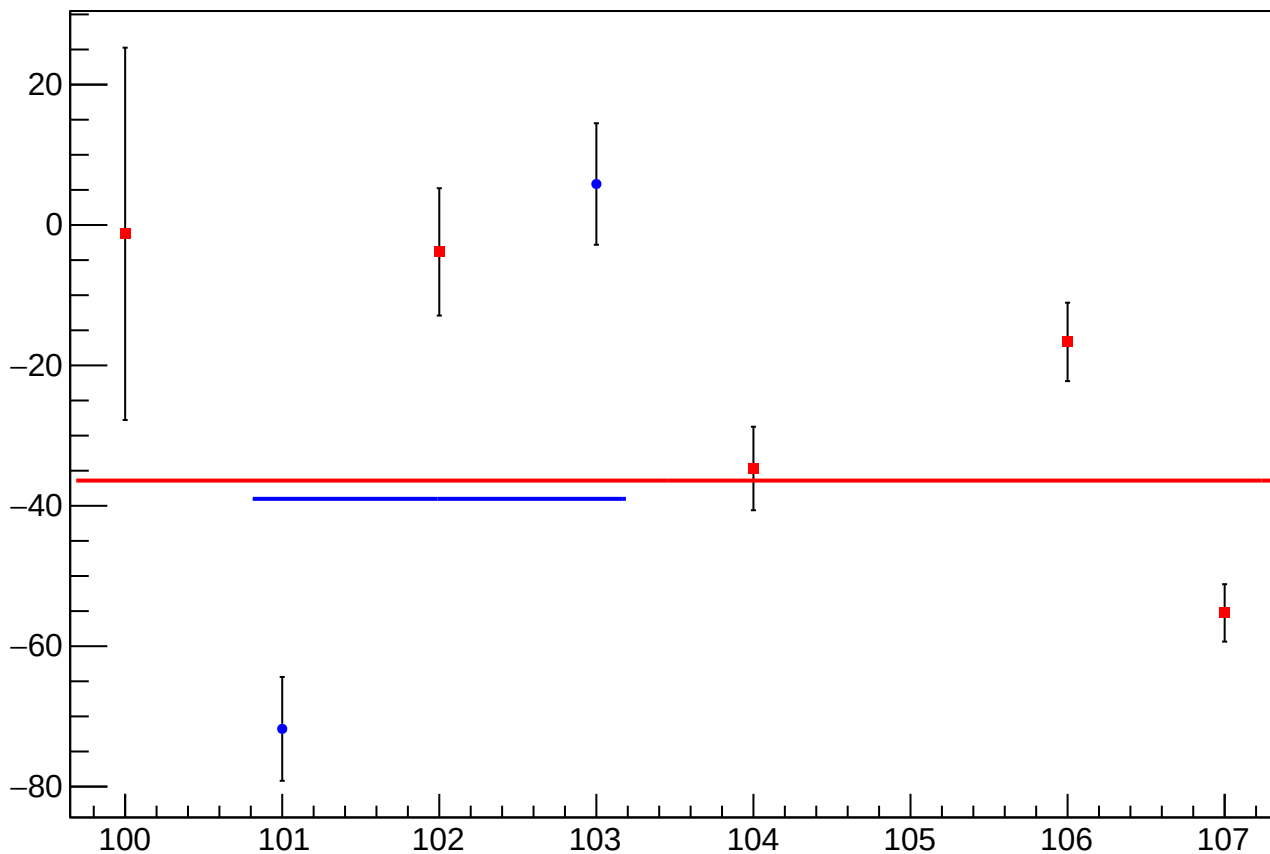
Right: -130.083+/-2.041 χ^2/NDF : 321.2/6

In: -164.306+/-3.900 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -130.083+/-2.041 χ^2/NDF : 321.2/6

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -39.010 ± 5.623 $\chi^2/\text{NDF}: 46.5/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -36.404 ± 2.735 $\chi^2/\text{NDF}: 48.5/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

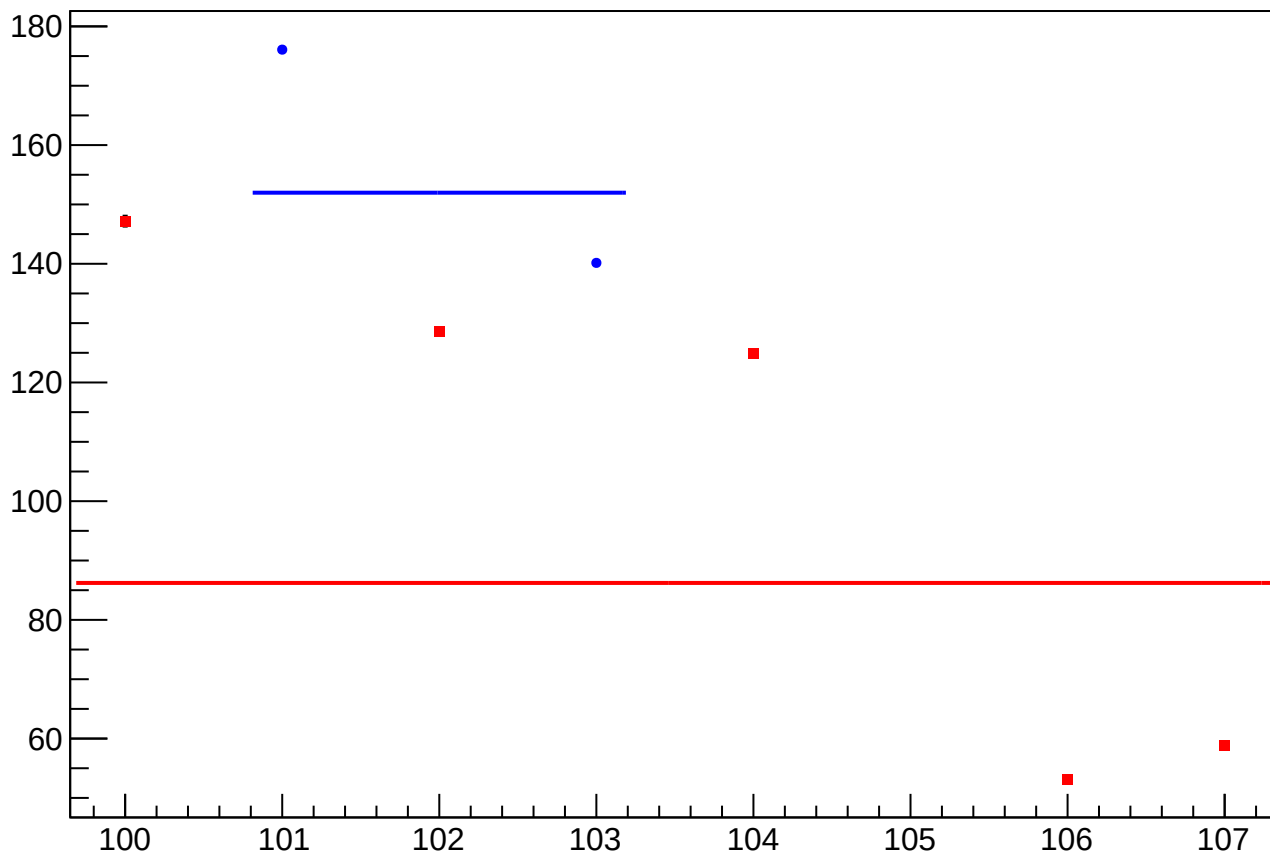
Right: -36.903 ± 2.459 $\chi^2/\text{NDF}: 95.2/6$

In: -39.010 ± 5.623 $\chi^2/\text{NDF}: 46.5/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -36.903 ± 2.459 $\chi^2/\text{NDF}: 95.2/6$

reg_asym_at1_avg_at2_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 151.979+/-0.190 χ^2/NDF : 7902.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.224+/-0.106 χ^2/NDF : 111169.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

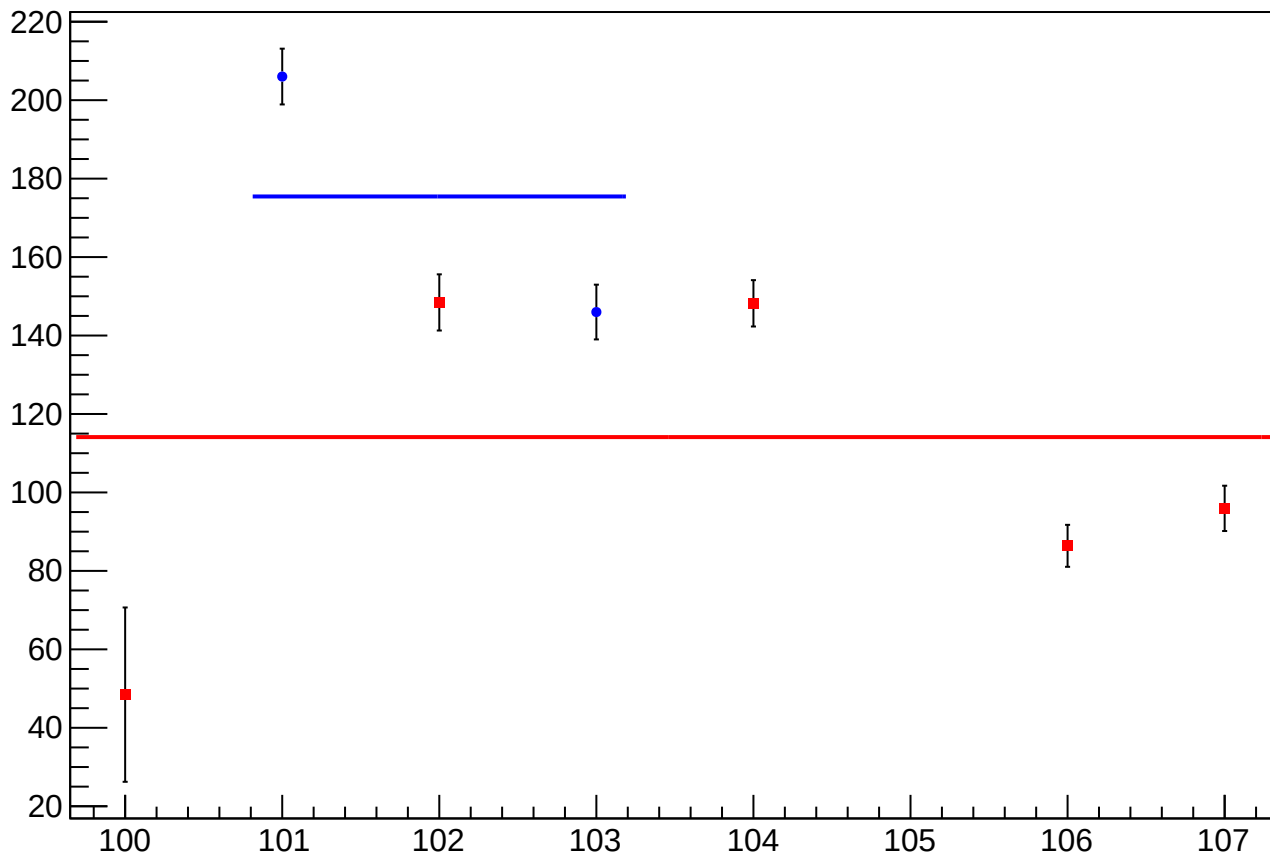
Right: 101.951+/-0.093 χ^2/NDF : 210281.3/6

In: 151.979+/-0.190 χ^2/NDF : 7902.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.951+/-0.093 χ^2/NDF : 210281.3/6

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 175.452 $\pm$ 4.980 χ^2 /NDF: 36.3/1

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

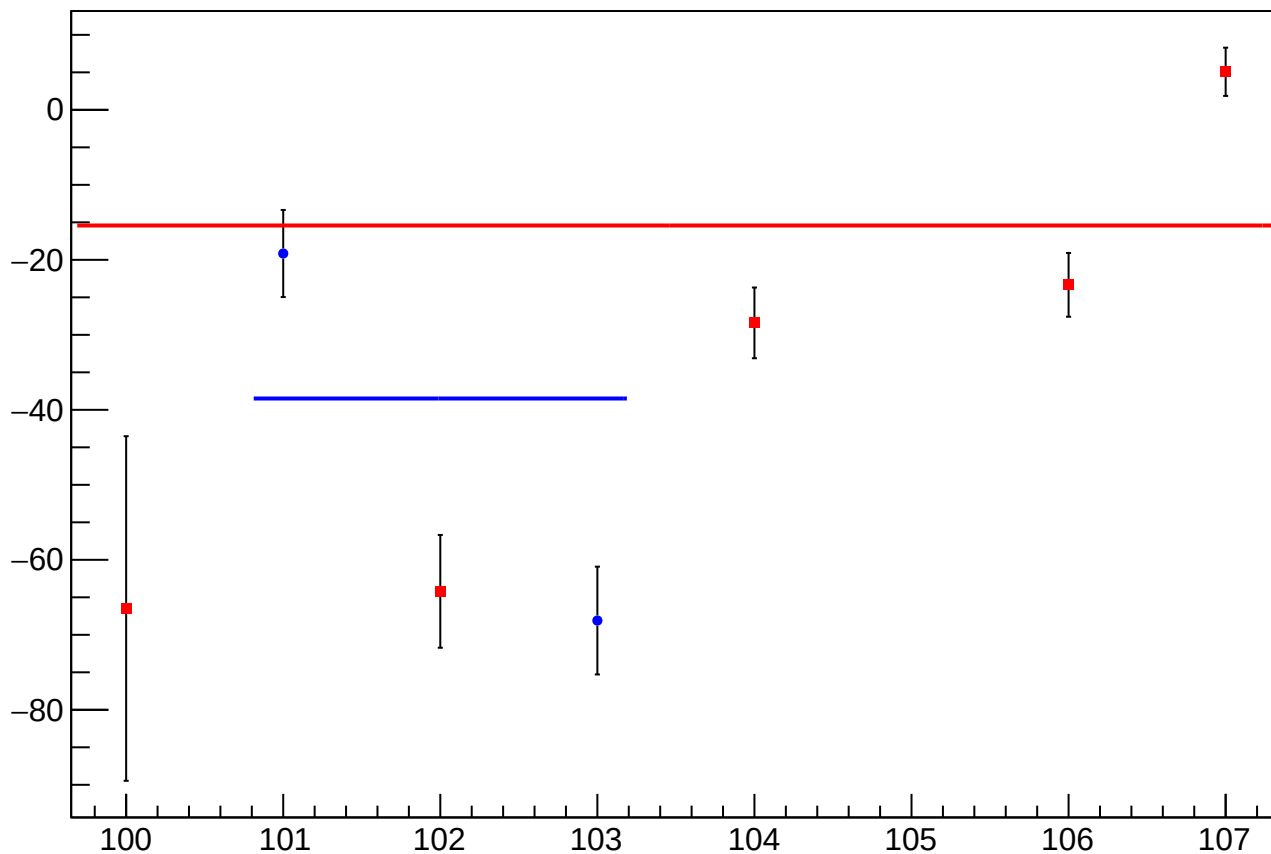
Right: 130.025 $\pm$ 2.537 χ^2 /NDF: 250.4/6

In: 175.452 $\pm$ 4.980 χ^2 /NDF:36.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 130.025 $\pm$ 2.537 χ^2 /NDF: 250.4/6

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.490 $\pm$ 4.517 χ^2 /NDF: 28.1/1

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

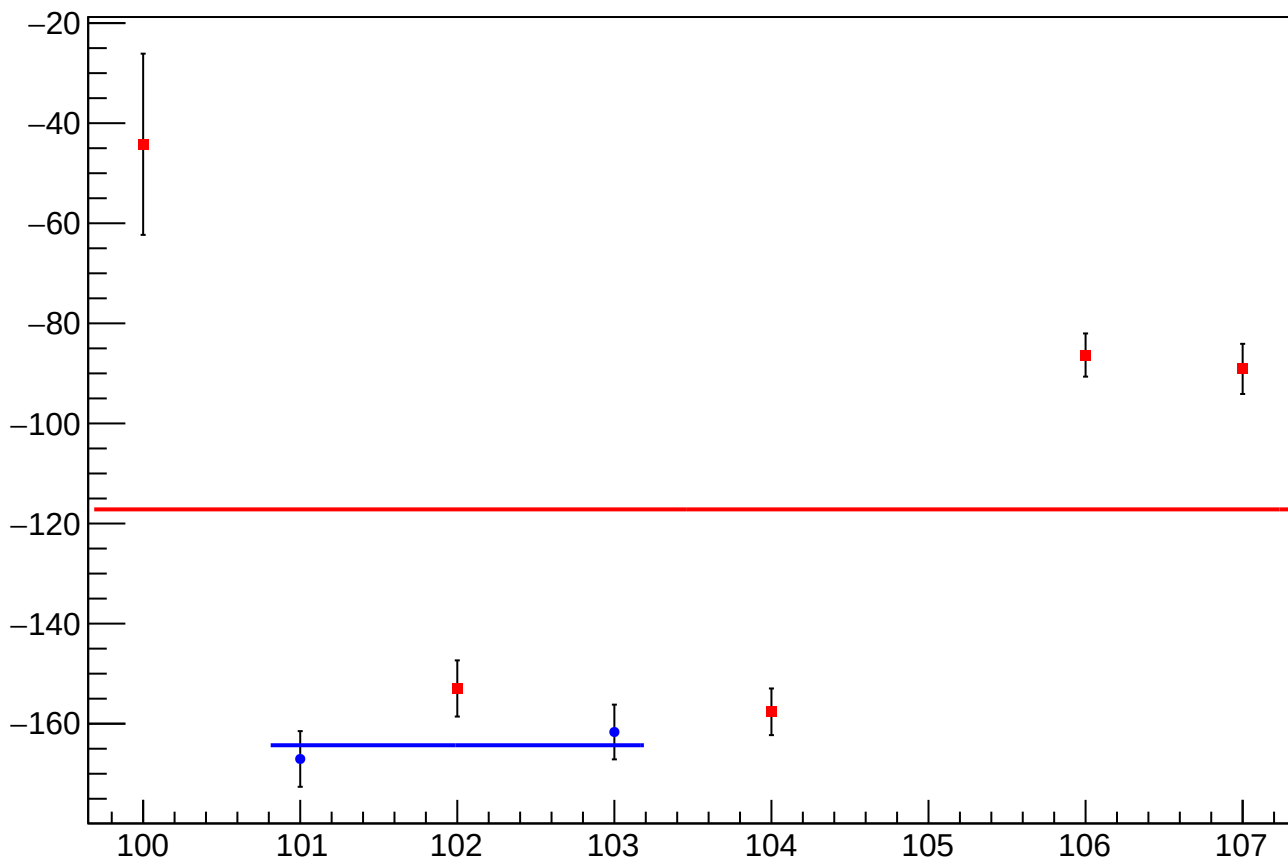
Right: -19.679 $\pm$ 1.941 χ^2 /NDF: 148.0/6

In: -38.490 $\pm$ 4.517 χ^2 /NDF:28.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -19.679 $\pm$ 1.941 χ^2 /NDF: 148.0/6

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -164.306+/-3.900 χ^2/NDF : 0.5/1

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

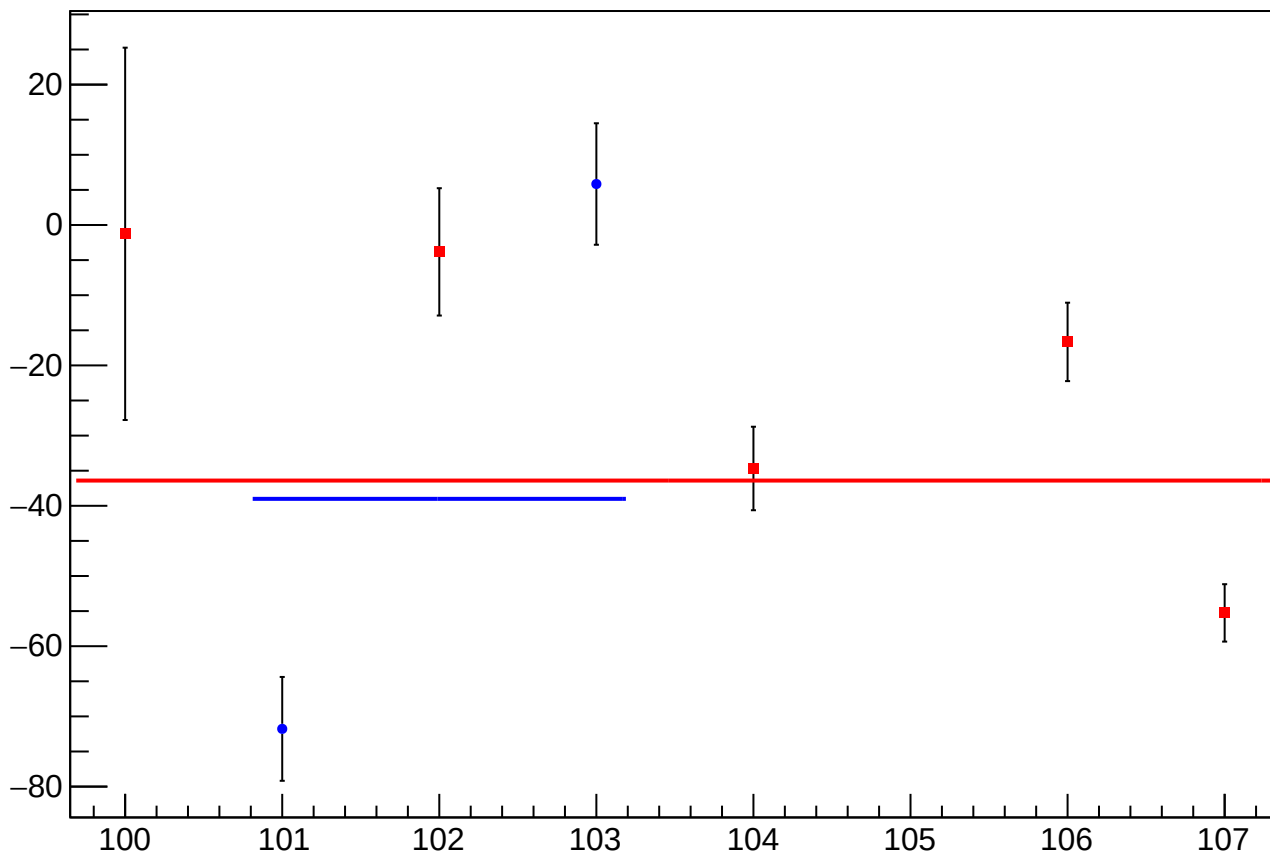
Right: -130.083+/-2.041 χ^2/NDF : 321.2/6

In: -164.306+/-3.900 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -130.083+/-2.041 χ^2/NDF : 321.2/6

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -39.010 ± 5.623 $\chi^2/\text{NDF}: 46.5/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -36.404 ± 2.735 $\chi^2/\text{NDF}: 48.5/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

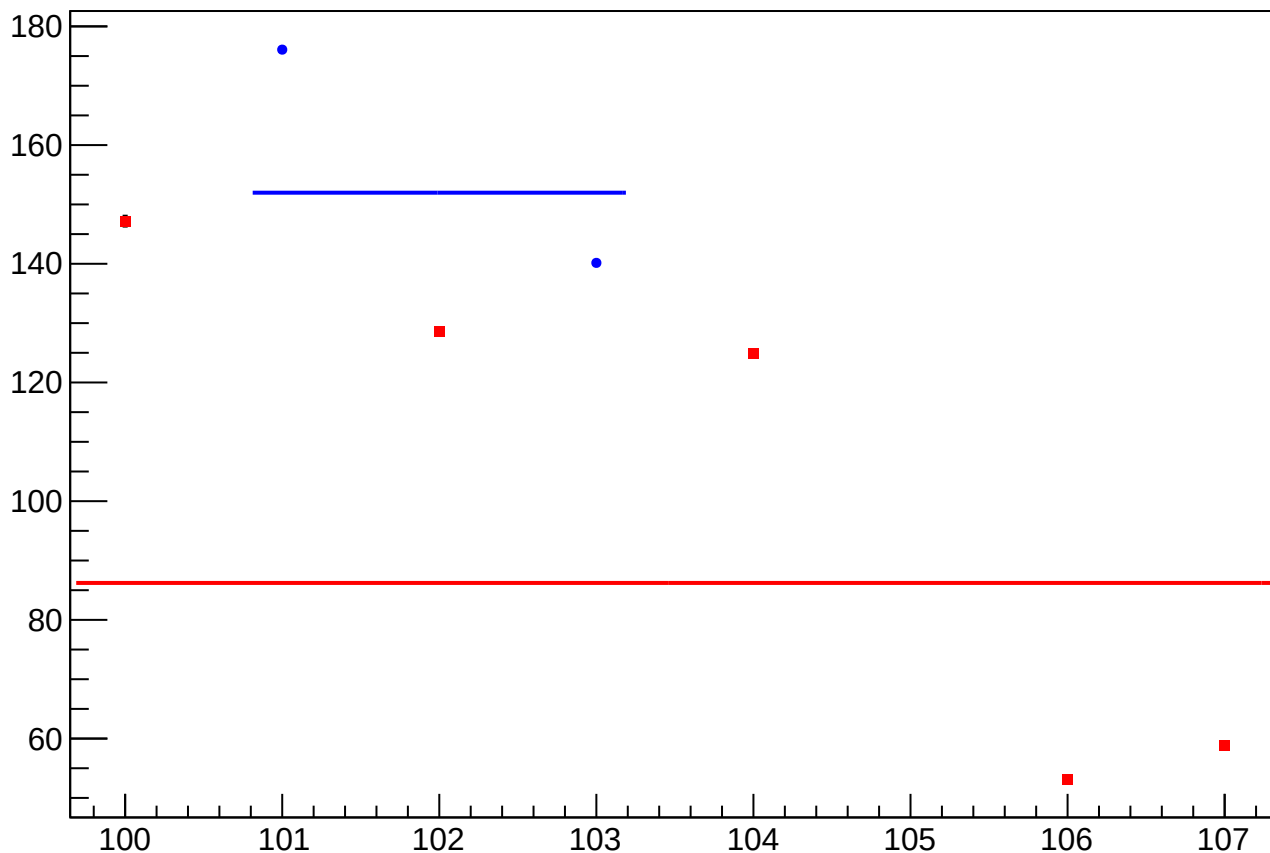
Right: -36.903 ± 2.459 $\chi^2/\text{NDF}: 95.2/6$

In: -39.010 ± 5.623 $\chi^2/\text{NDF}: 46.5/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -36.903 ± 2.459 $\chi^2/\text{NDF}: 95.2/6$

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 151.979+/-0.190 χ^2/NDF : 7902.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.224+/-0.106 χ^2/NDF : 111169.3/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

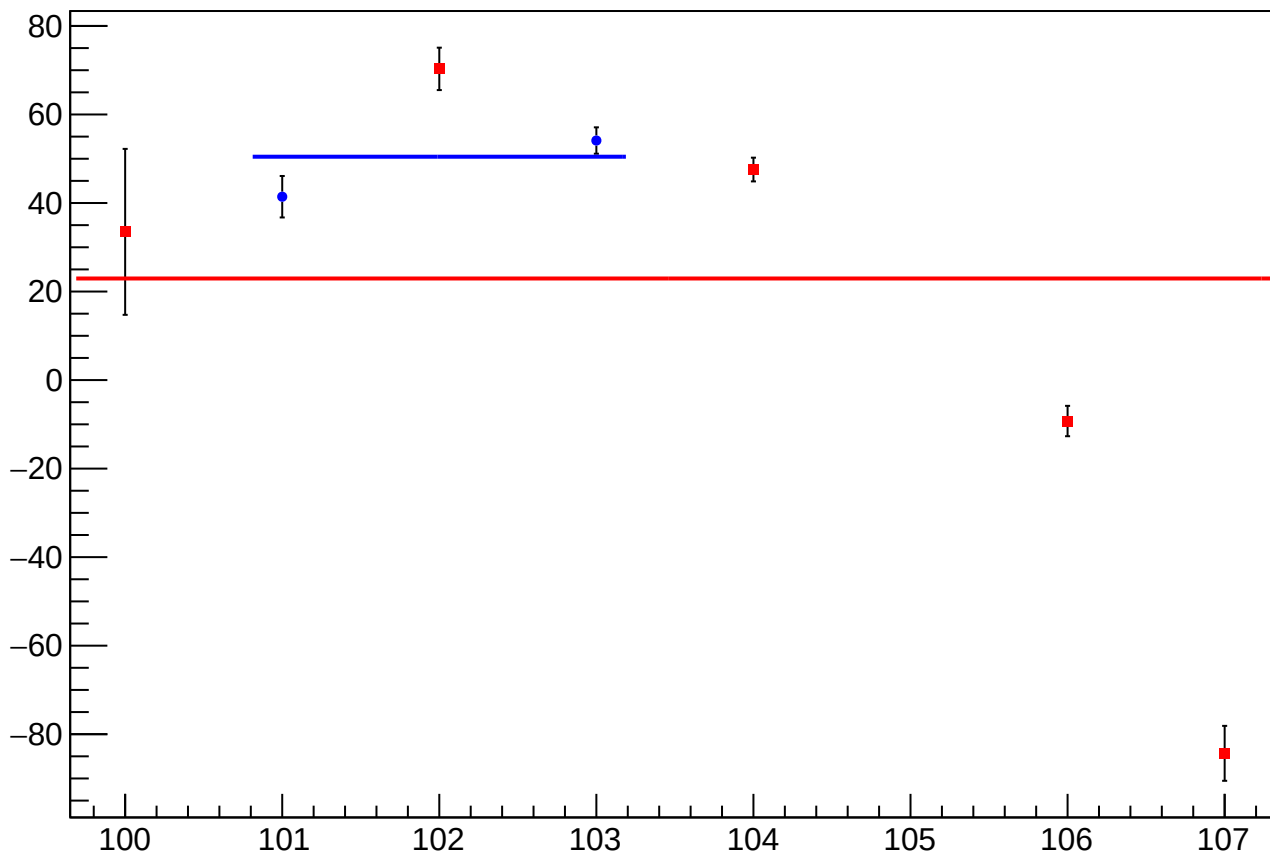
Right: 101.951+/-0.093 χ^2/NDF : 210281.3/6

In: 151.979+/-0.190 χ^2/NDF : 7902.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.951+/-0.093 χ^2/NDF : 210281.3/6

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 50.459+/-2.514 χ^2/NDF : 5.2/1

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

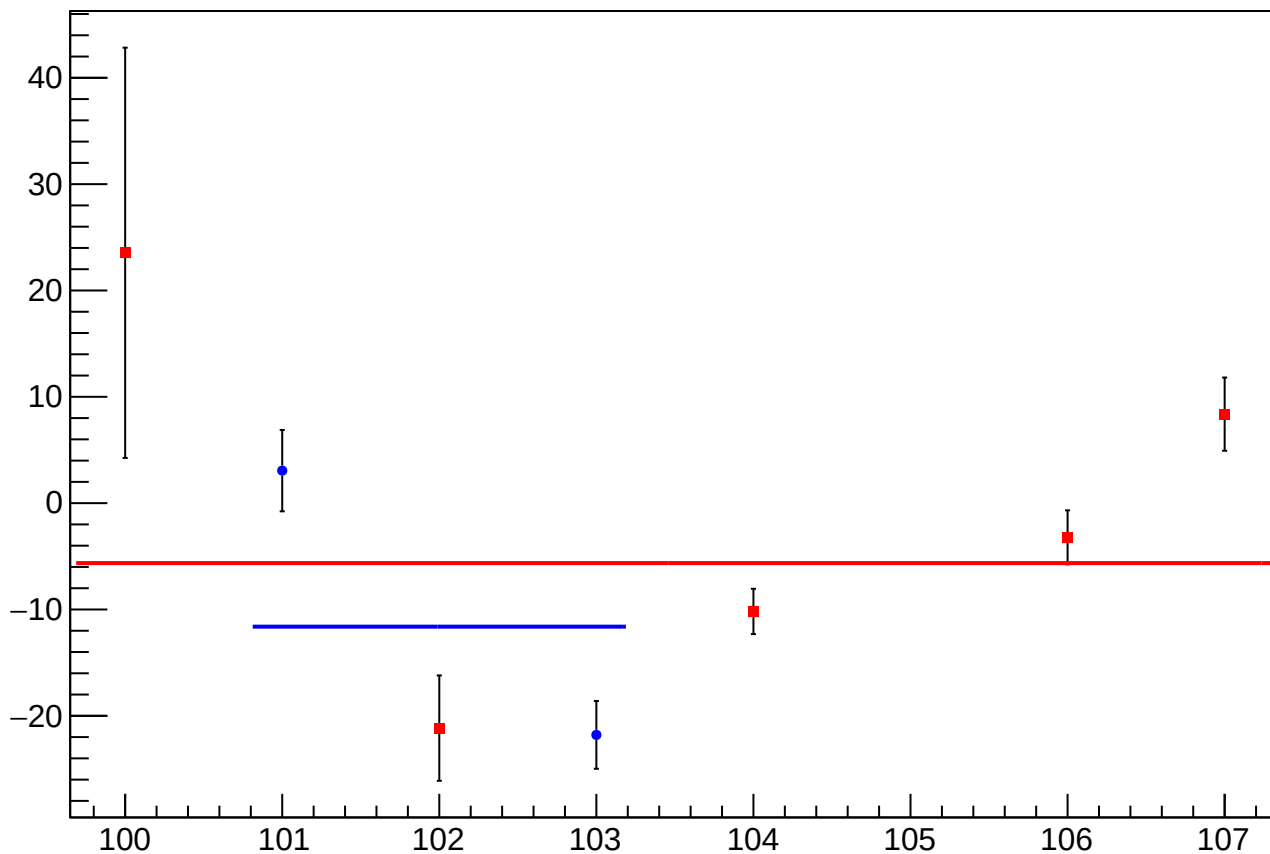
Right: 32.517+/-1.483 χ^2/NDF : 652.7/6

In: 50.459+/-2.514 χ^2/NDF : 5.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.517+/-1.483 χ^2/NDF : 652.7/6

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -11.614 $\pm$ 2.449 χ^2 /NDF: 24.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -5.635 $\pm$ 1.409 χ^2 /NDF: 34.1/4

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

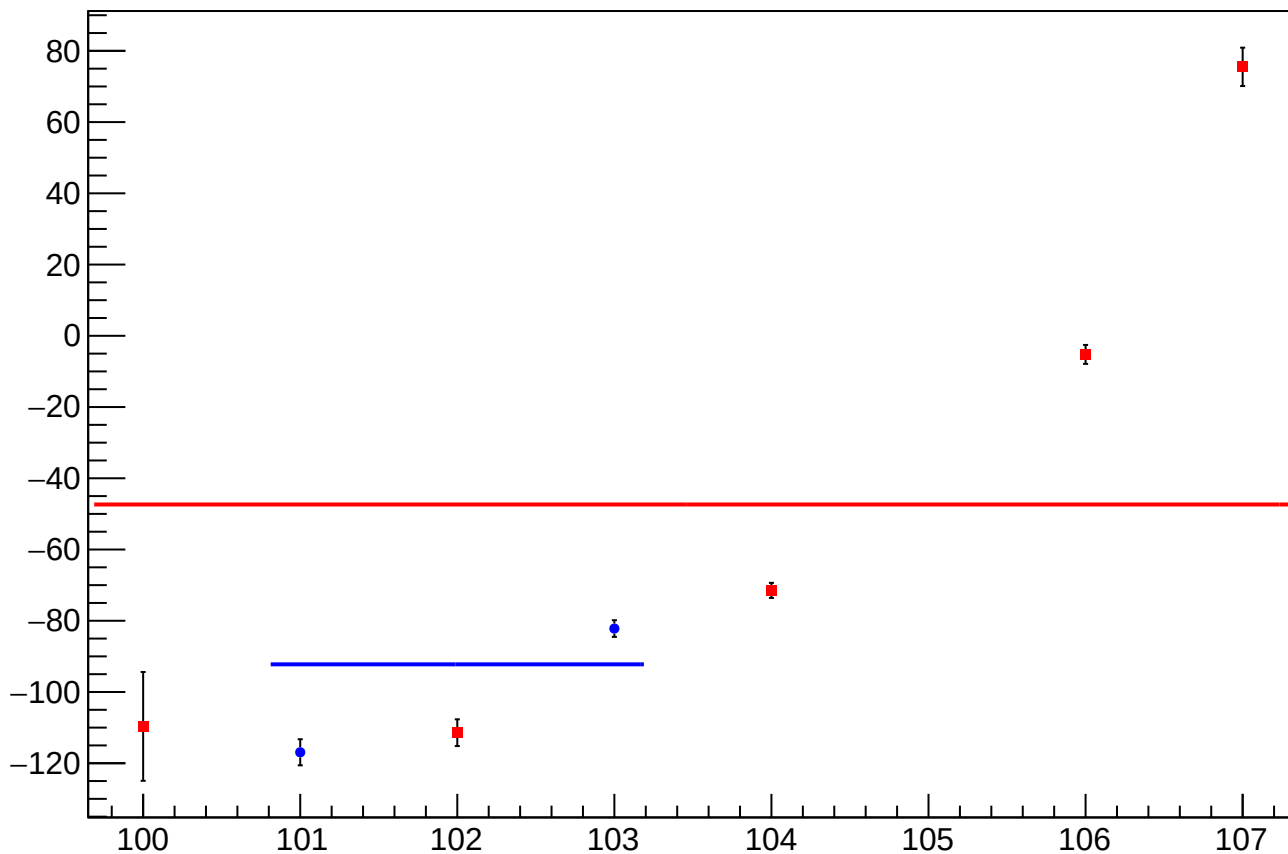
Right: -7.123 $\pm$ 1.221 χ^2 /NDF: 63.5/6

In: -11.614 $\pm$ 2.449 χ^2 /NDF:24.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -7.123 $\pm$ 1.221 χ^2 /NDF: 63.5/6

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -92.236 ± 1.971 $\chi^2/\text{NDF}: 63.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -47.358 ± 1.451 $\chi^2/\text{NDF}: 1209.9/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

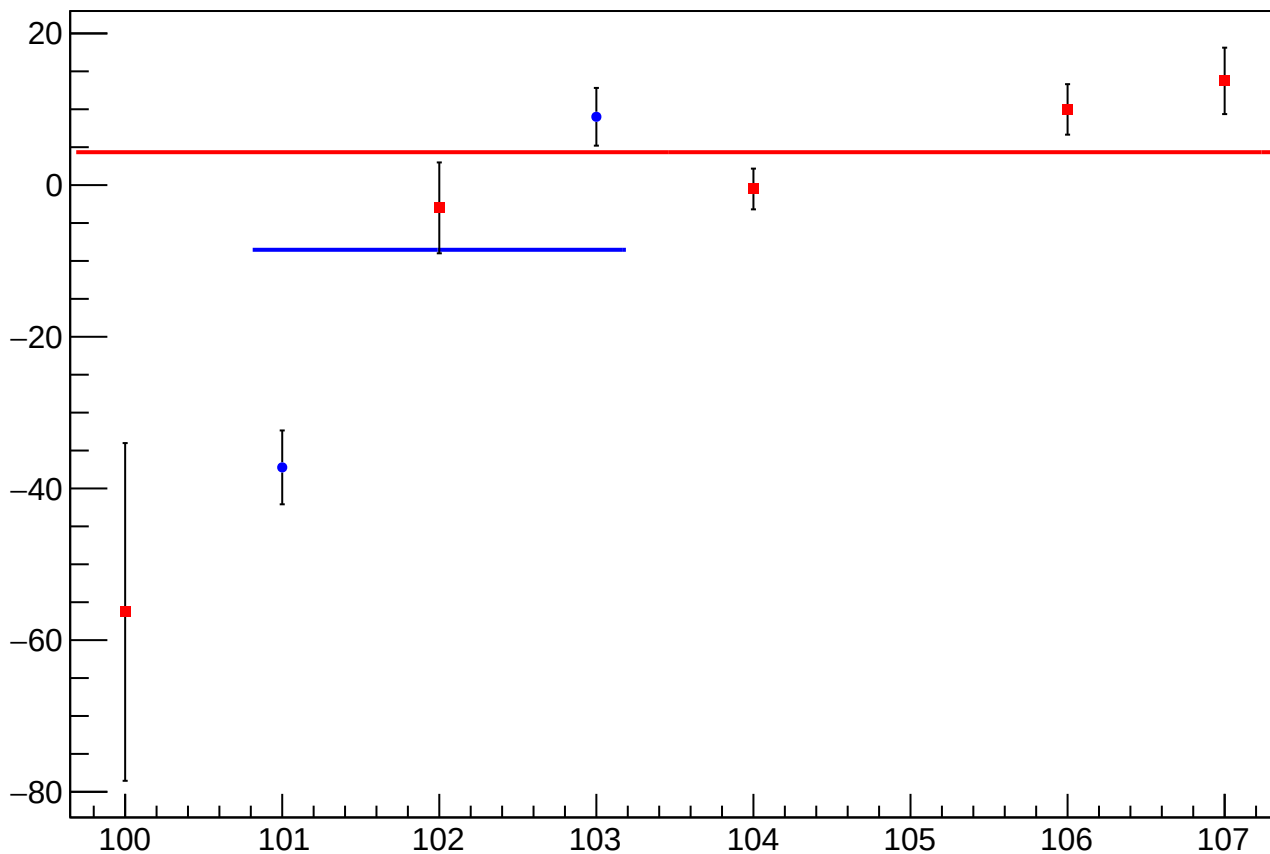
Right: -63.127 ± 1.169 $\chi^2/\text{NDF}: 1609.9/6$

In: -92.236 ± 1.971 $\chi^2/\text{NDF}: 63.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -63.127 ± 1.169 $\chi^2/\text{NDF}: 1609.9/6$

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -8.530+/-2.998 χ^2/NDF : 56.0/1

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

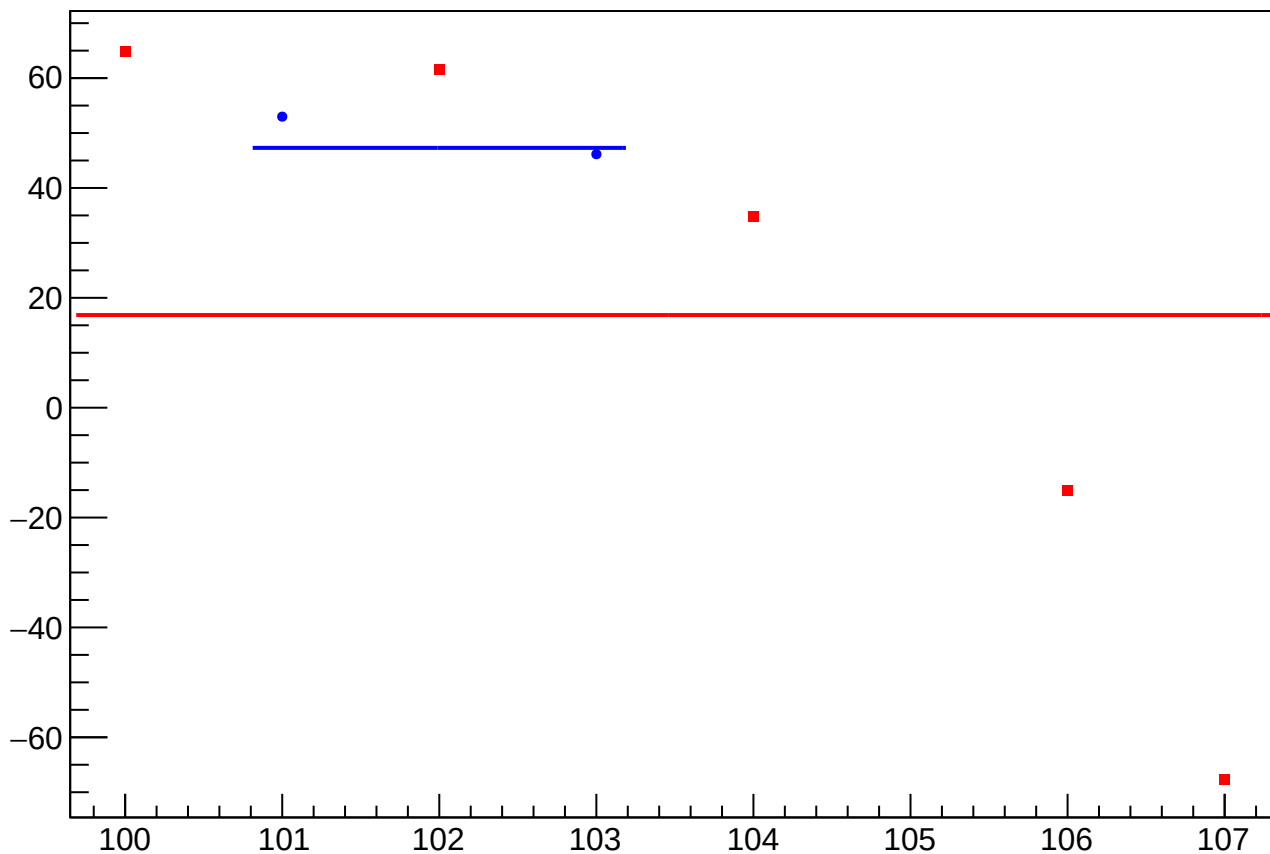
Right: 0.948+/-1.539 χ^2/NDF : 89.2/6

In: -8.530+/-2.998 χ^2/NDF : 56.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.948+/-1.539 χ^2/NDF : 89.2/6

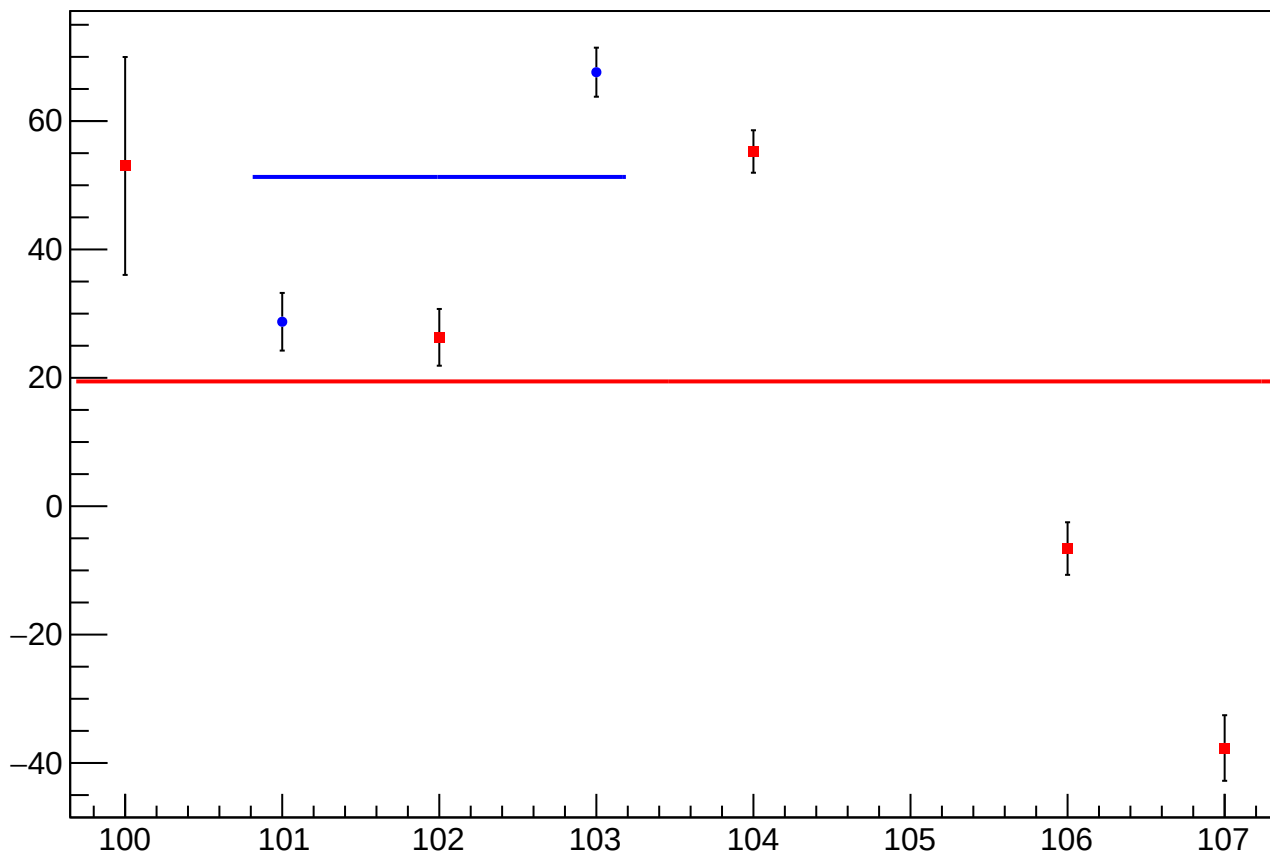
reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 47.300+/-0.089 χ^2/NDF : 822.2/1
 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: 28.199+/-0.055 χ^2/NDF : 389827.9/6
 In: 47.300+/-0.089 χ^2/NDF : 822.2/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 28.199+/-0.055 χ^2/NDF : 389827.9/6

reg_asym_at1_dd_at2_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 51.298+/-2.910 χ^2/NDF : 43.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.441+/-2.025 χ^2/NDF : 288.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

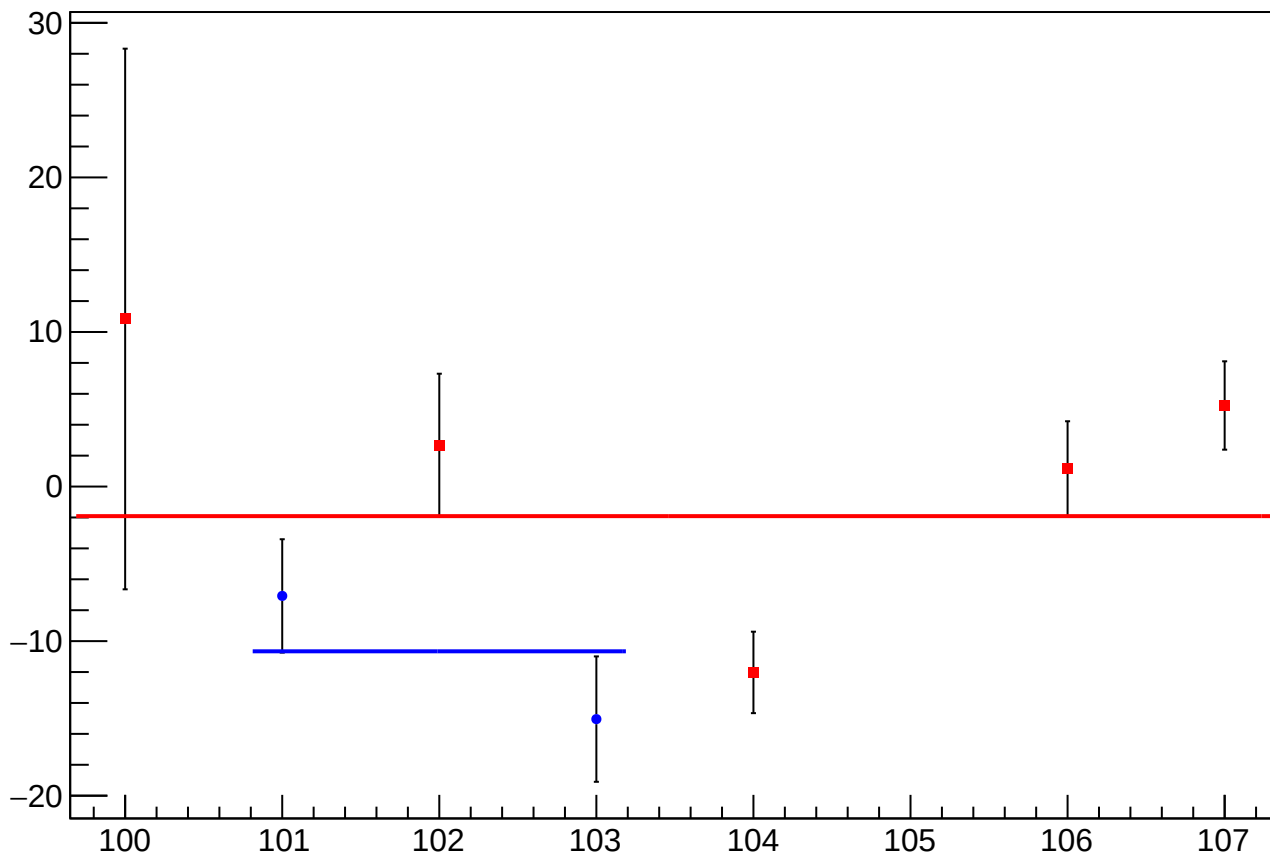
Right: 29.832+/-1.662 χ^2/NDF : 413.1/6

In: 51.298+/-2.910 χ^2/NDF : 43.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.832+/-1.662 χ^2/NDF : 413.1/6

reg_asym_at1_dd_at2_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -10.659 $\pm$ 2.720 χ^2 /NDF: 2.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.913 $\pm$ 1.539 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

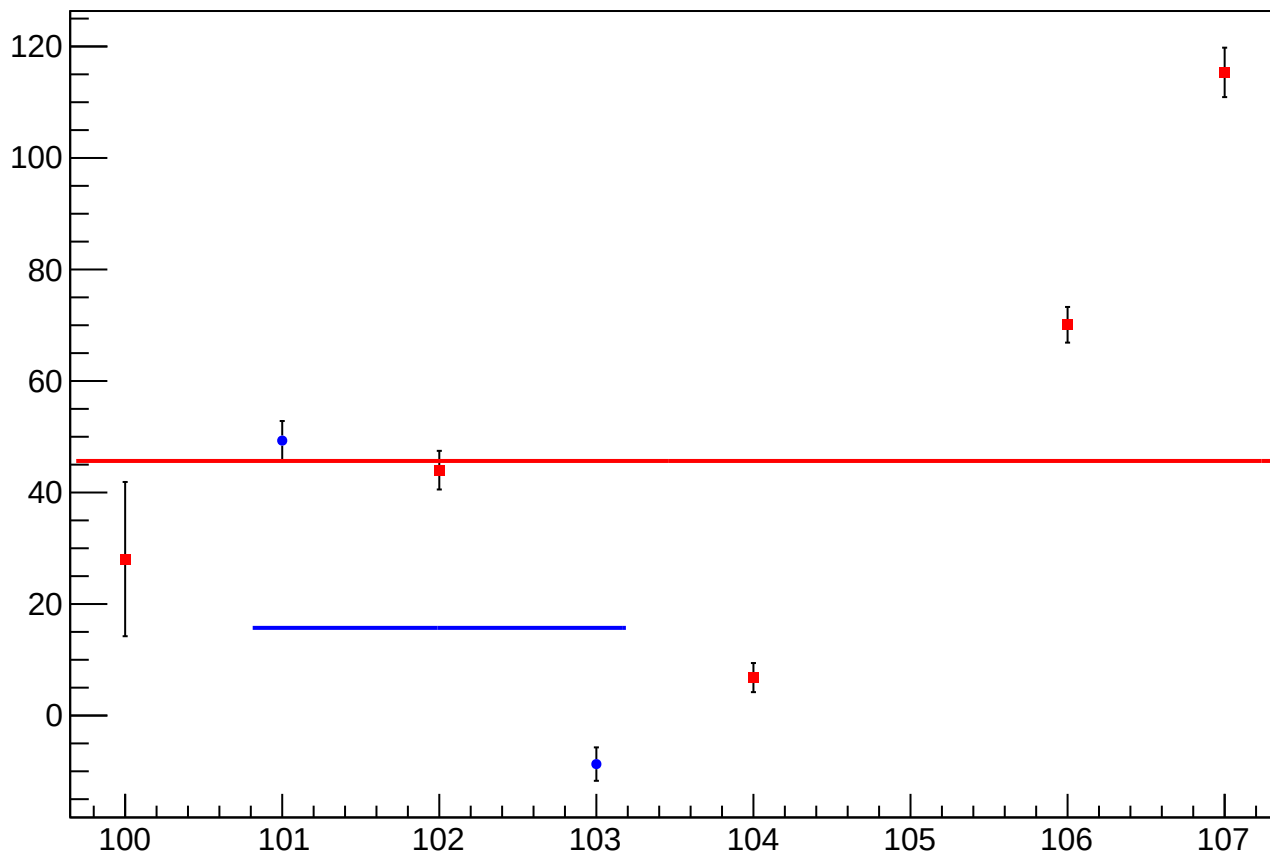
Right: -4.034 $\pm$ 1.340 χ^2 /NDF: 33.5/6

In: -10.659 $\pm$ 2.720 χ^2 /NDF: 2.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -4.034 $\pm$ 1.340 χ^2 /NDF: 33.5/6

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 15.724+/-2.280 χ^2/NDF : 157.8/1

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

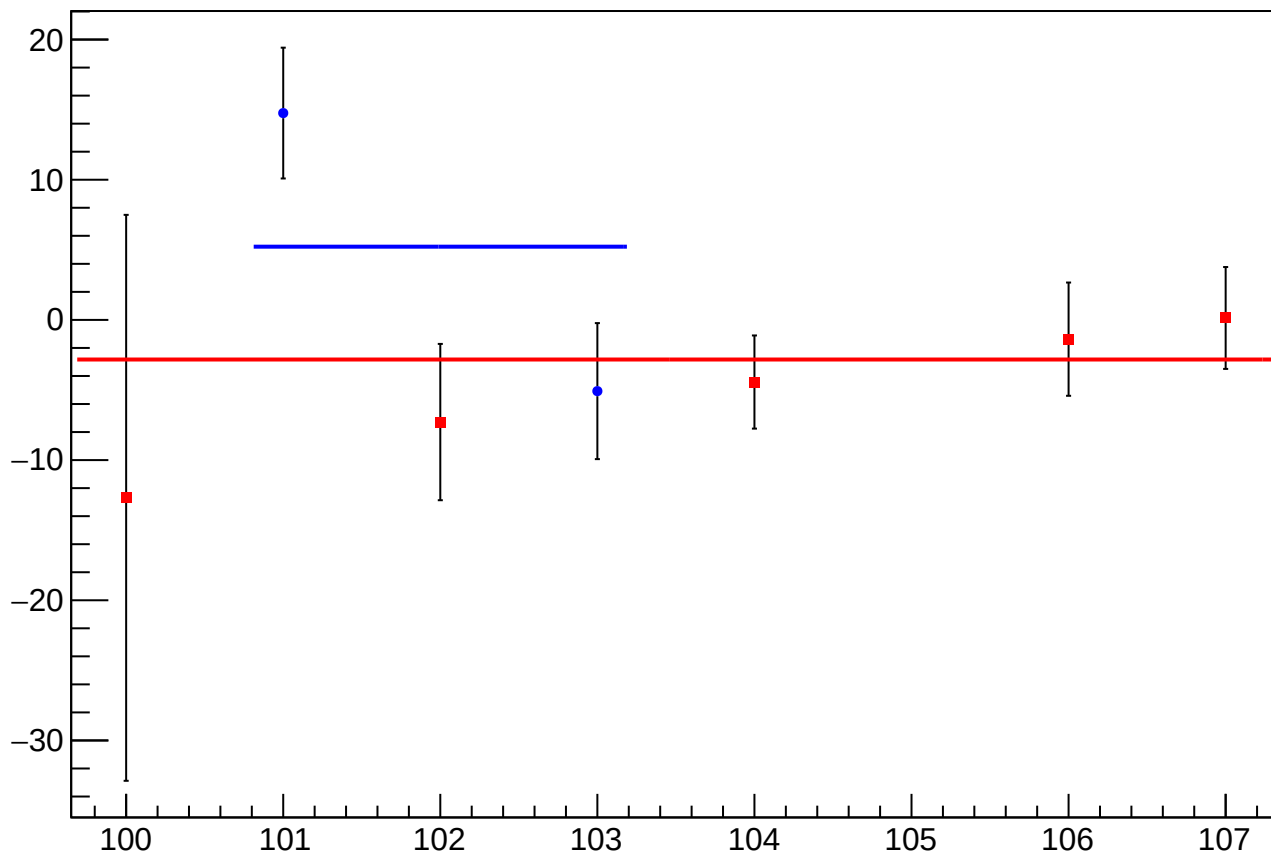
Right: 35.669+/-1.317 χ^2/NDF : 801.5/6

In: 15.724+/-2.280 χ^2/NDF : 157.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.669+/-1.317 χ^2/NDF : 801.5/6

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.224+/-3.363 χ^2/NDF : 8.7/1

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

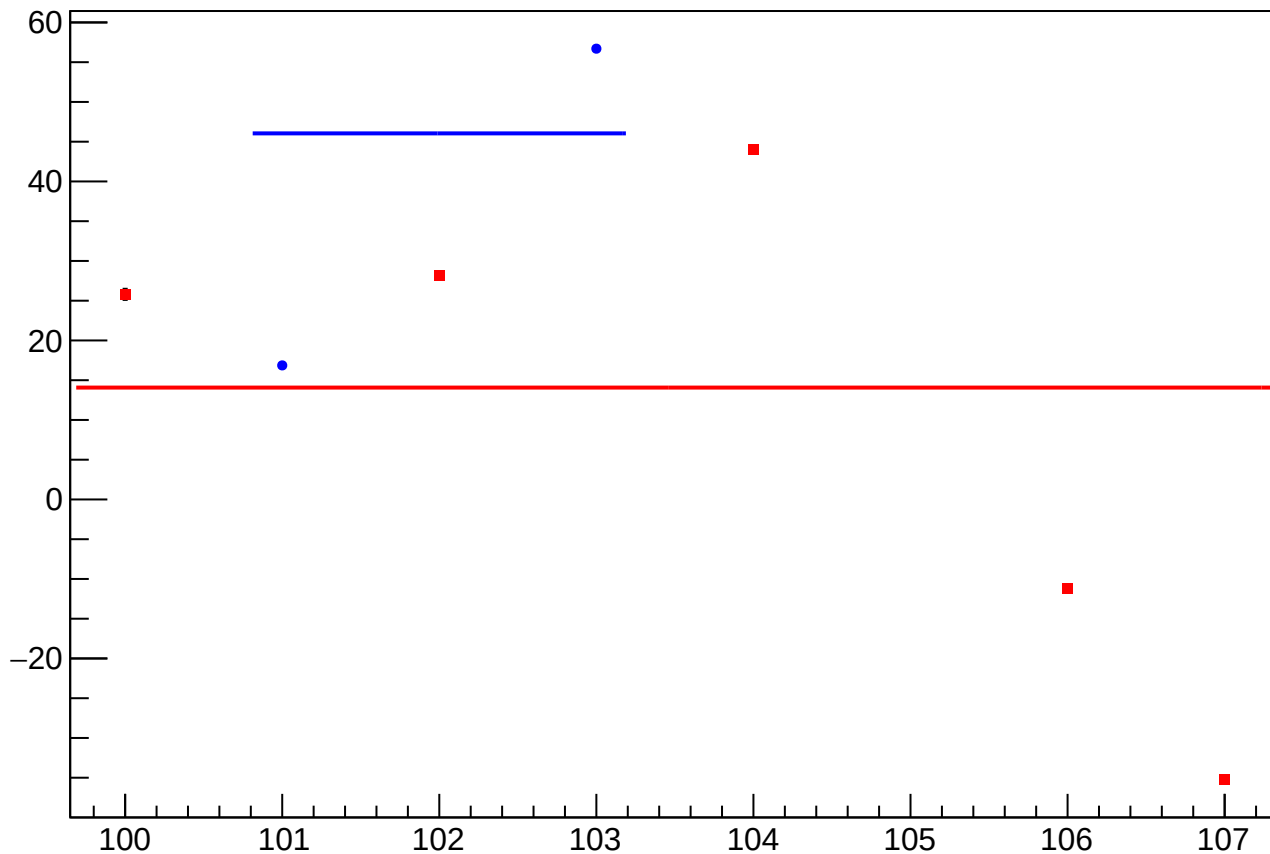
Right: -0.795+/-1.689 χ^2/NDF : 14.9/6

In: 5.224+/-3.363 χ^2/NDF : 8.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.795+/-1.689 χ^2/NDF : 14.9/6

reg_asym_at1_dd_at2_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 46.046 +/- 0.108 χ^2/NDF : 26811.5/1

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

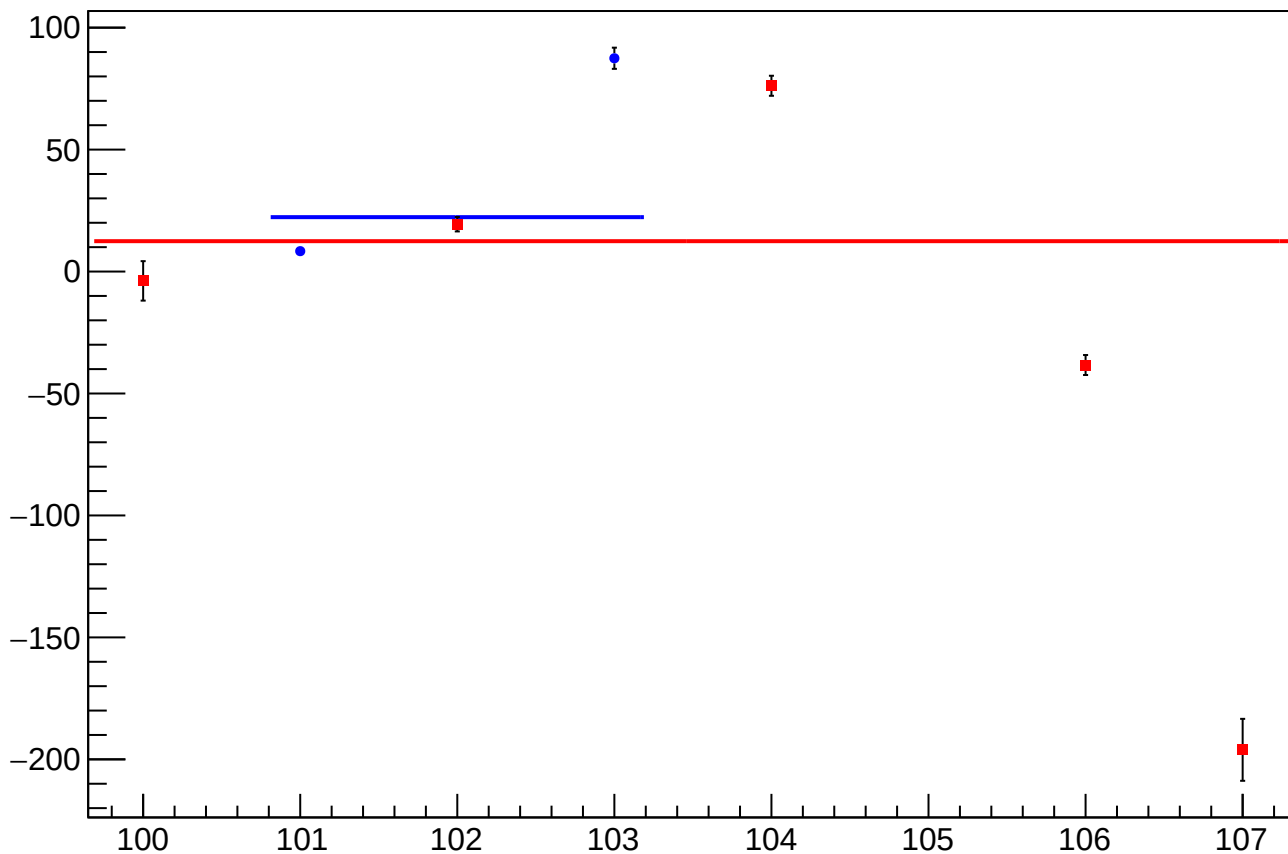
Right: 24.429 +/- 0.061 χ^2/NDF : 252059.4/6

In: 46.046 +/- 0.108 χ^2/NDF : 26811.5/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 24.429 +/- 0.061 χ^2/NDF : 252059.4/6

reg_asym_usl_atl1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 22.304+/-1.823 χ^2 /NDF: 273.3/1

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

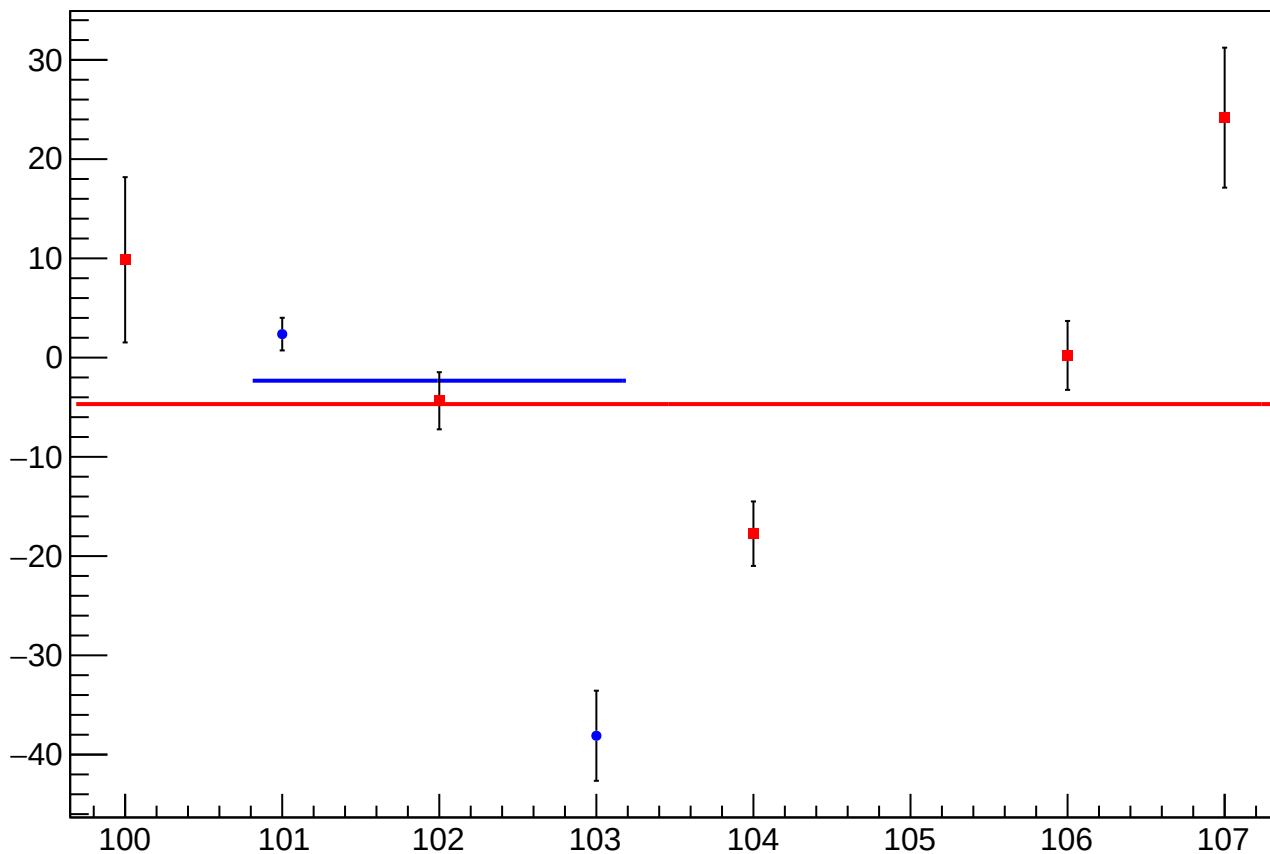
Right: 17.791+/-1.342 χ^2 /NDF: 959.9/6

In: 22.304+/-1.823 χ^2 /NDF:273.3/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 17.791+/-1.342 χ^2 /NDF: 959.9/6

reg_asym_usl_atl1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.326+/-1.546 χ^2/NDF : 70.3/1

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

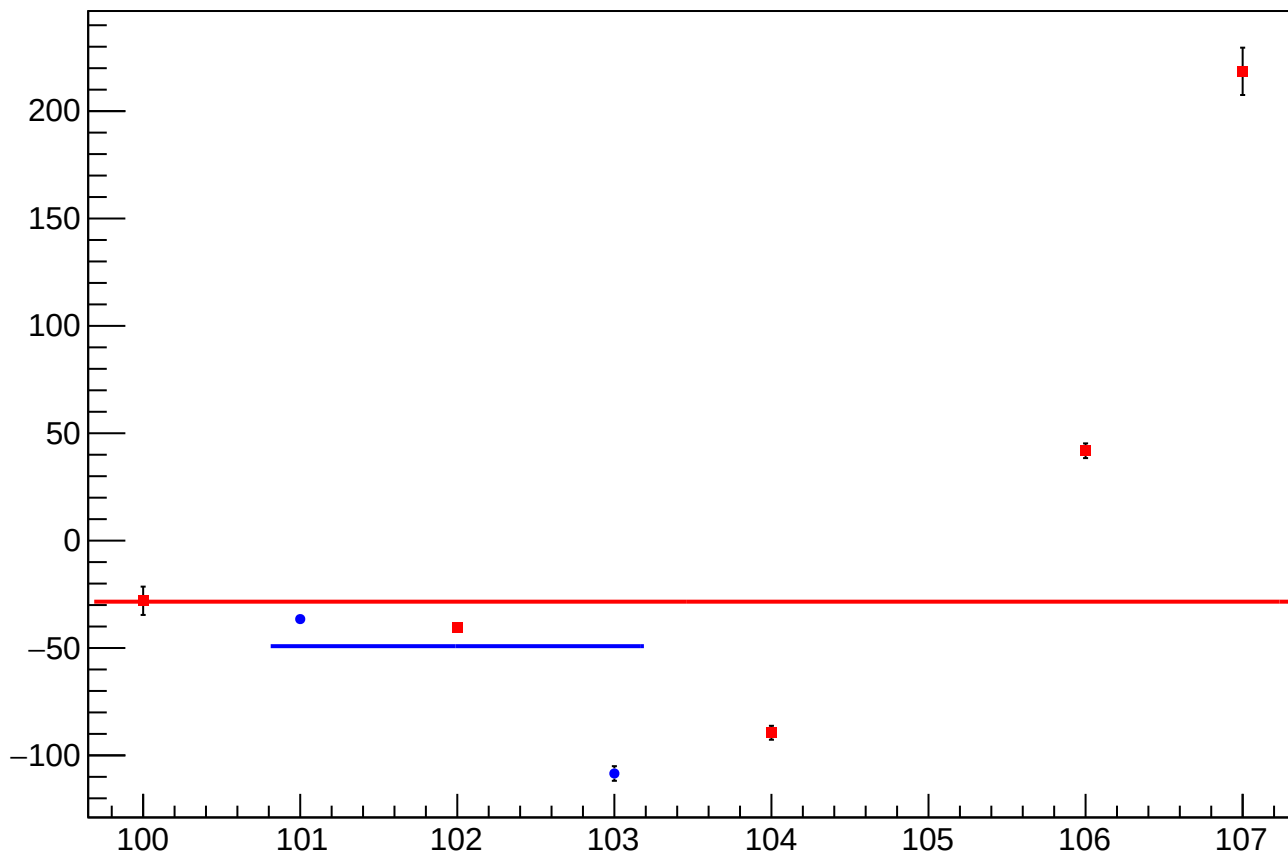
Right: -3.371+/-1.154 χ^2/NDF : 109.2/6

In: -2.326+/-1.546 χ^2/NDF : 70.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.371+/-1.154 χ^2/NDF : 109.2/6

reg_asym_usl_atl1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -49.149+/-1.427 χ^2/NDF : 367.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -28.426+/-1.585 χ^2/NDF : 1304.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

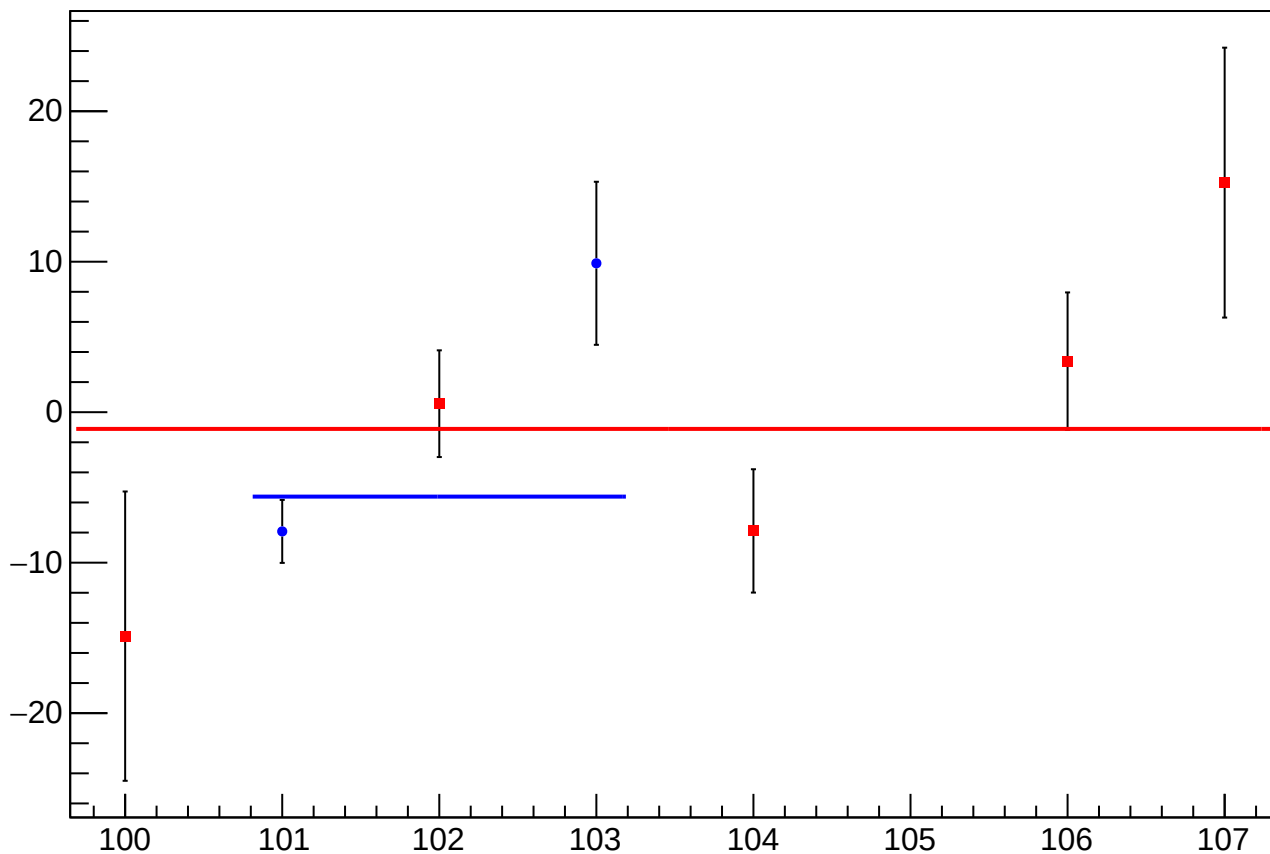
Right: -39.870+/-1.060 χ^2/NDF : 1766.1/6

In: -49.149+/-1.427 χ^2/NDF : 367.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.870+/-1.060 χ^2/NDF : 1766.1/6

reg_asym_usl_atl1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.610+/-1.952 χ^2/NDF : 9.4/1

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

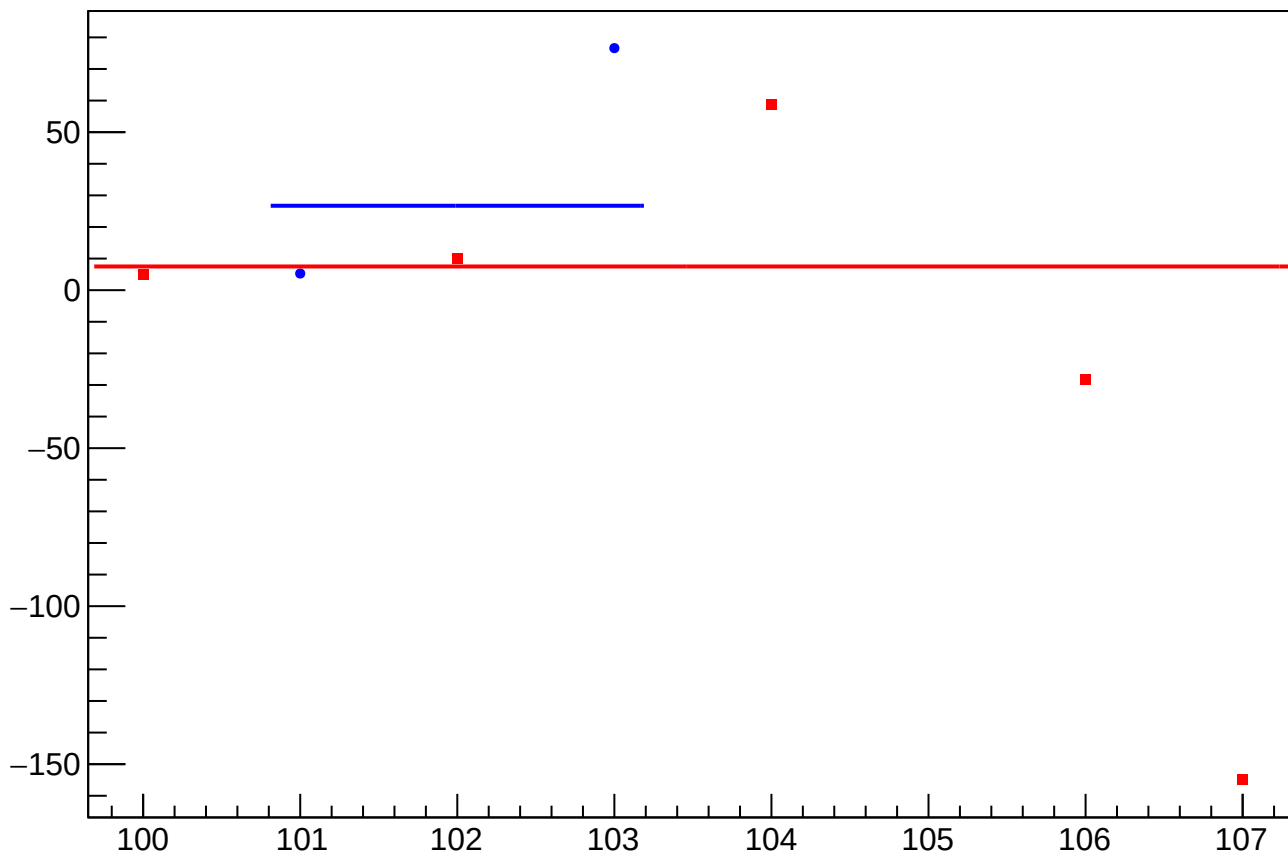
Right: -3.609+/-1.454 χ^2/NDF : 21.1/6

In: -5.610+/-1.952 χ^2/NDF : 9.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.609+/-1.454 χ^2/NDF : 21.1/6

reg_asym_usl_atl1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 26.716+/-0.078 χ^2/NDF : 175162.7/1

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

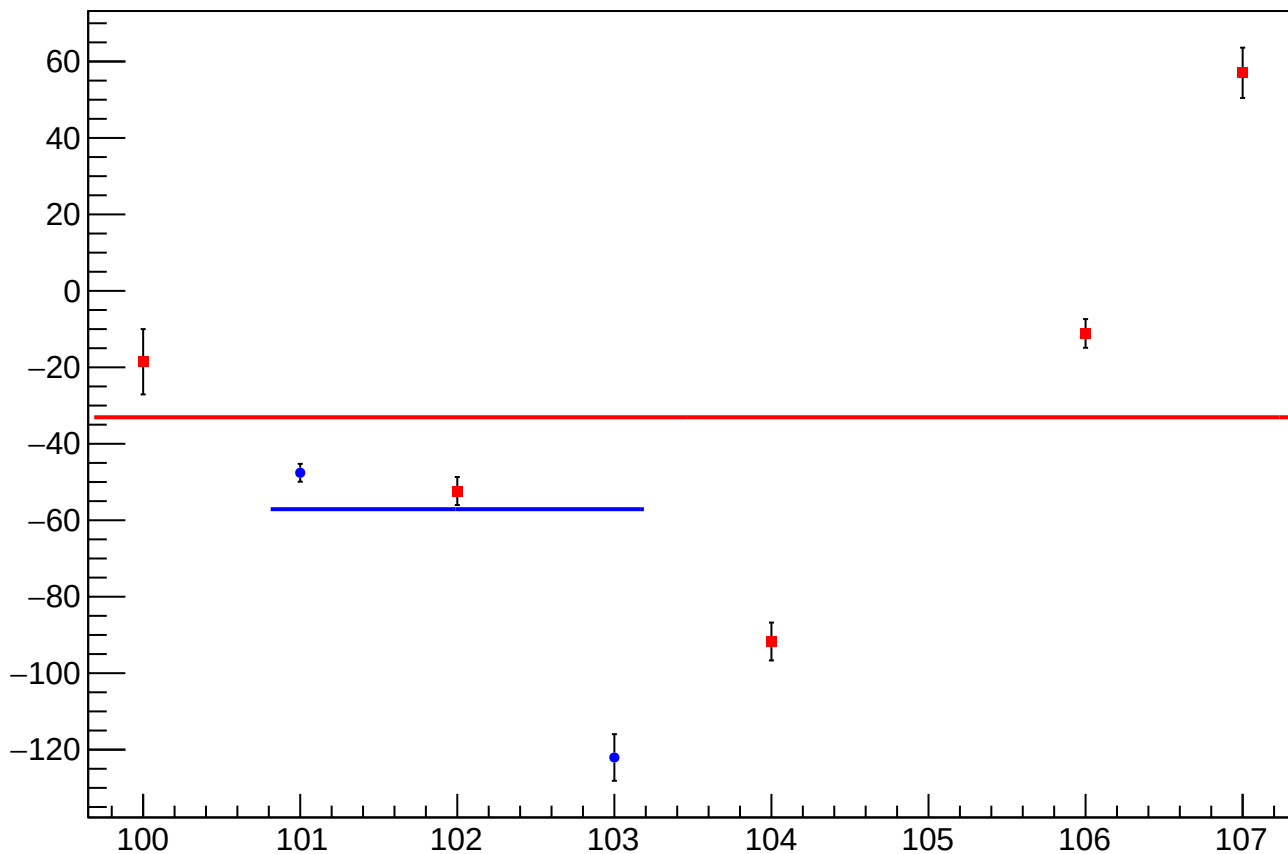
Right: 16.426+/-0.053 χ^2/NDF : 499199.6/6

In: 26.716+/-0.078 χ^2/NDF : 175162.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.426+/-0.053 χ^2/NDF : 499199.6/6

reg_asym_usl_atl1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -57.104 $\pm$ 2.181 χ^2 /NDF: 130.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -33.058 $\pm$ 2.117 χ^2 /NDF: 392.4/4

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

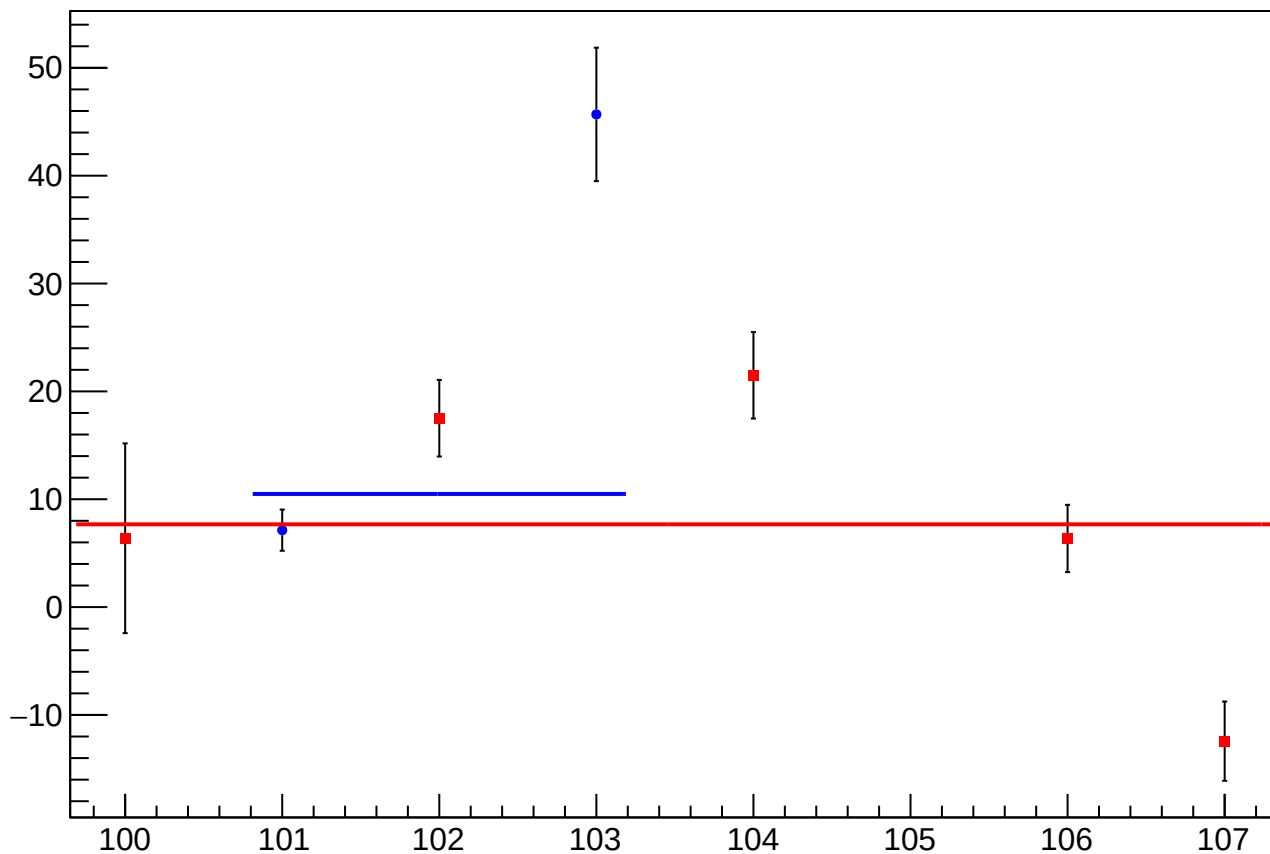
Right: -44.723 $\pm$ 1.519 χ^2 /NDF: 585.1/6

In: -57.104 $\pm$ 2.181 χ^2 /NDF:130.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -44.723 $\pm$ 1.519 χ^2 /NDF: 585.1/6

reg_asym_usl_atl1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.492+/-1.826 χ^2/NDF : 35.4/1

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

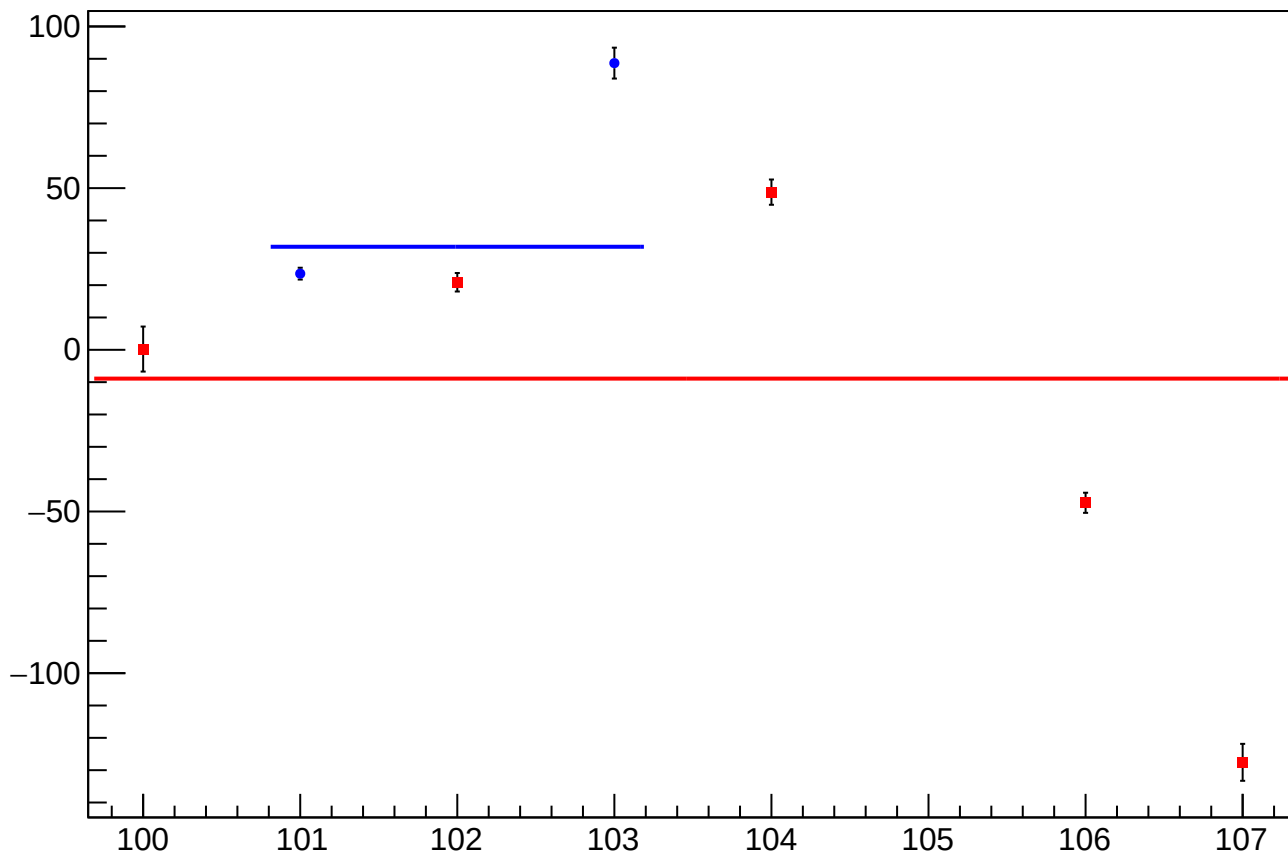
Right: 9.013+/-1.259 χ^2/NDF : 86.3/6

In: 10.492+/-1.826 χ^2/NDF : 35.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.013+/-1.259 χ^2/NDF : 86.3/6

reg_asym_usl_atl1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 31.871+/-1.707 χ^2/NDF : 162.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.904+/-1.710 χ^2/NDF : 911.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

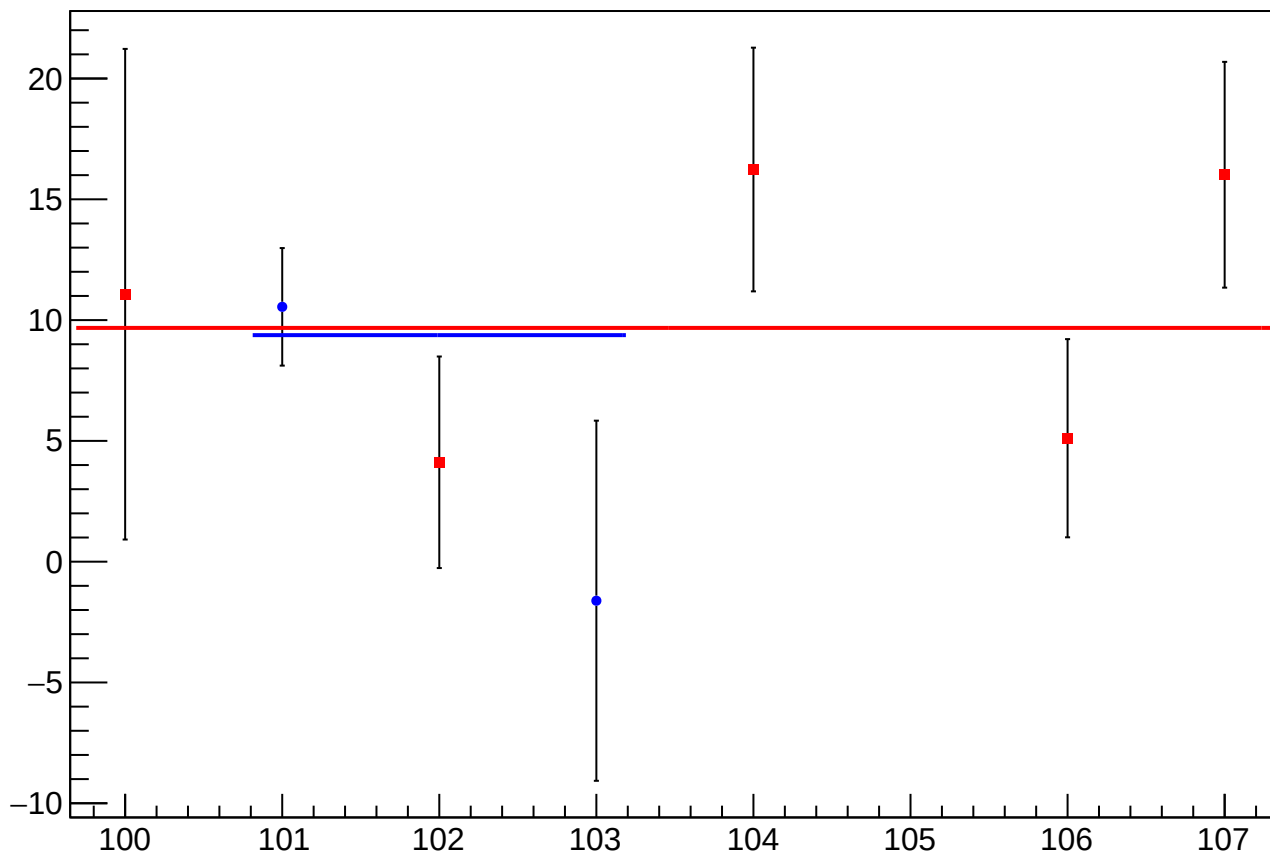
Right: 11.521+/-1.208 χ^2/NDF : 1358.7/6

In: 31.871+/-1.707 χ^2/NDF : 162.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.521+/-1.208 χ^2/NDF : 1358.7/6

reg_asym_usl_atl1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.378+/-2.313 χ^2/NDF : 2.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.677+/-2.201 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

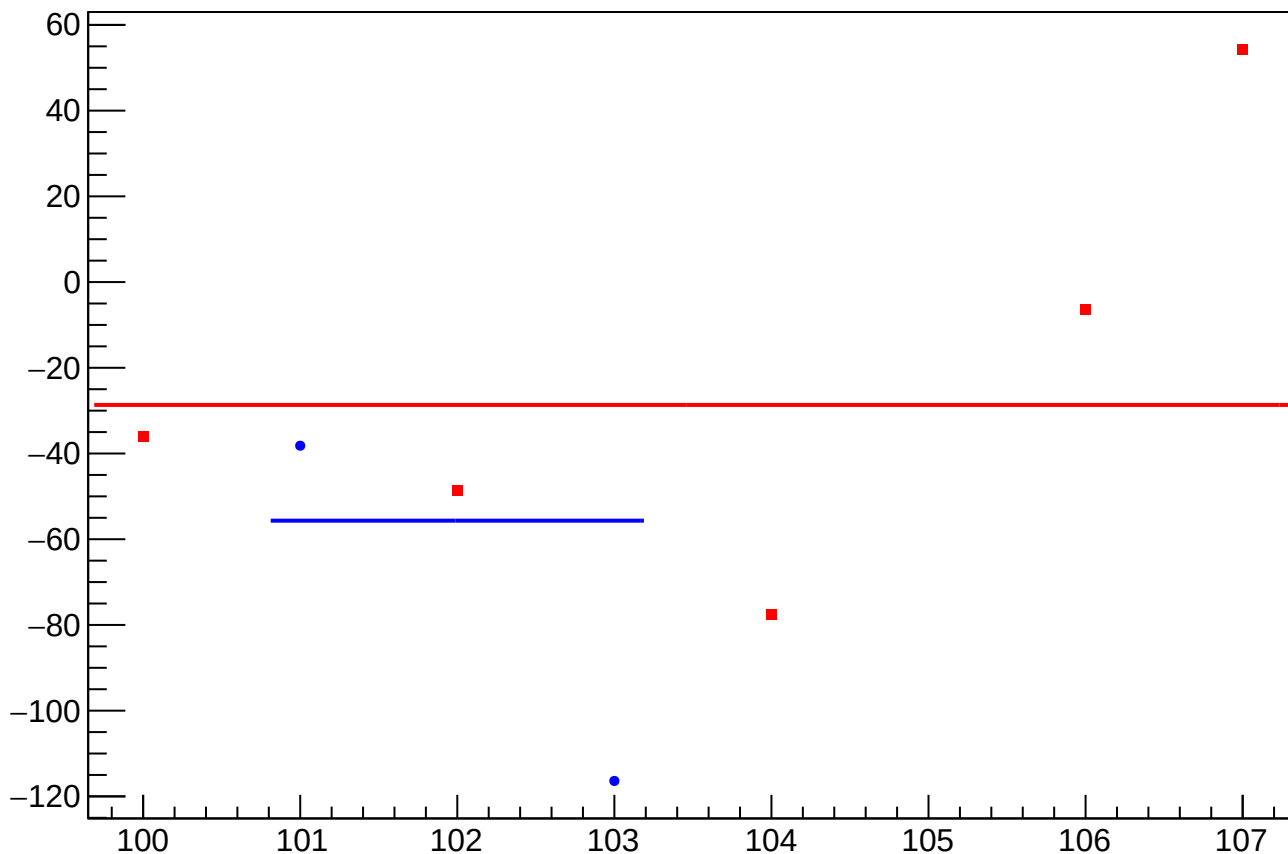
Right: 9.535+/-1.595 χ^2/NDF : 8.8/6

In: 9.378+/-2.313 χ^2/NDF : 2.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.535+/-1.595 χ^2/NDF : 8.8/6

reg_asym_usl_atl1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -55.669 $\pm$ 0.096 χ^2 /NDF: 115564.1/1

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

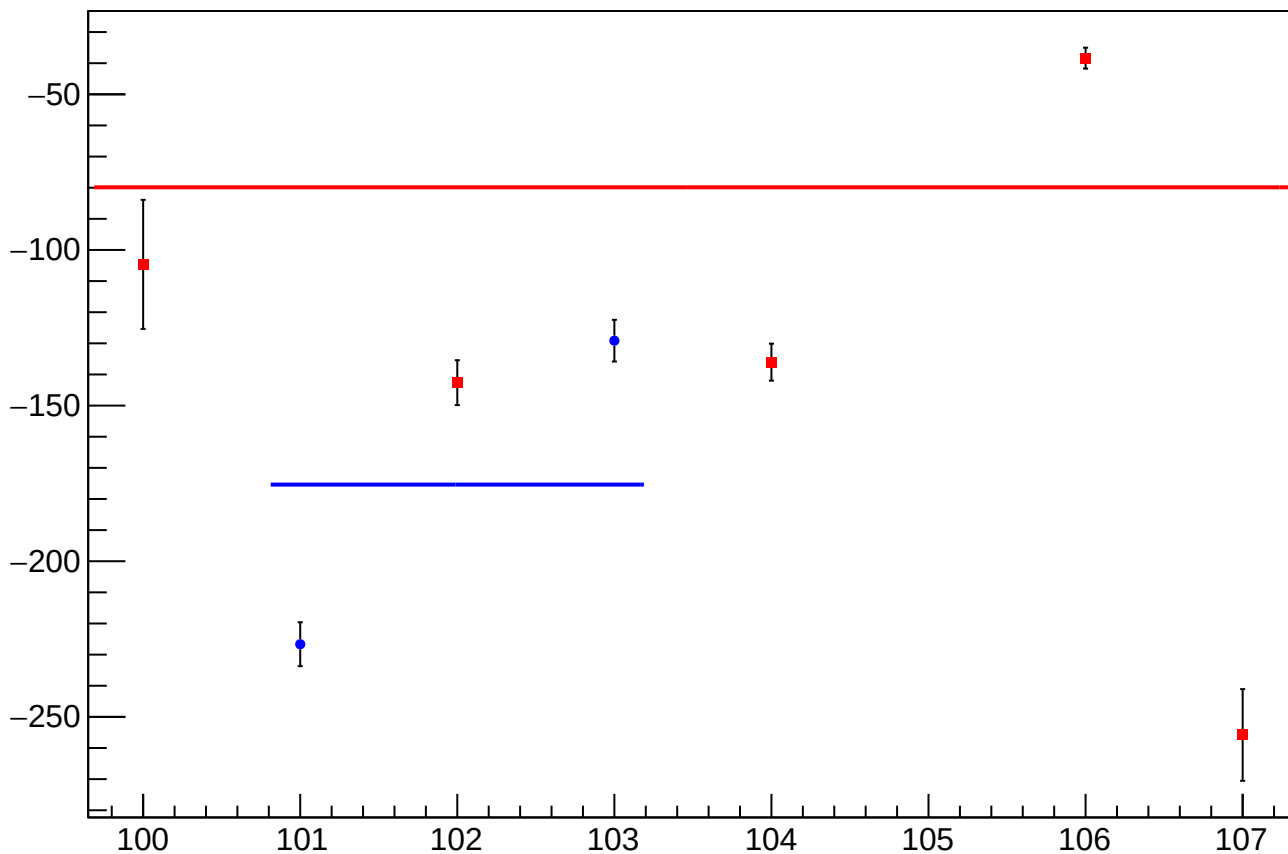
Right: -39.483 $\pm$ 0.061 χ^2 /NDF: 405243.9/6

In: -55.669 $\pm$ 0.096 χ^2 /NDF: 115564.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -39.483 $\pm$ 0.061 χ^2 /NDF: 405243.9/6

reg_asym_usl_atl2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -175.380+/-4.860 χ^2/NDF : 100.4/1

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

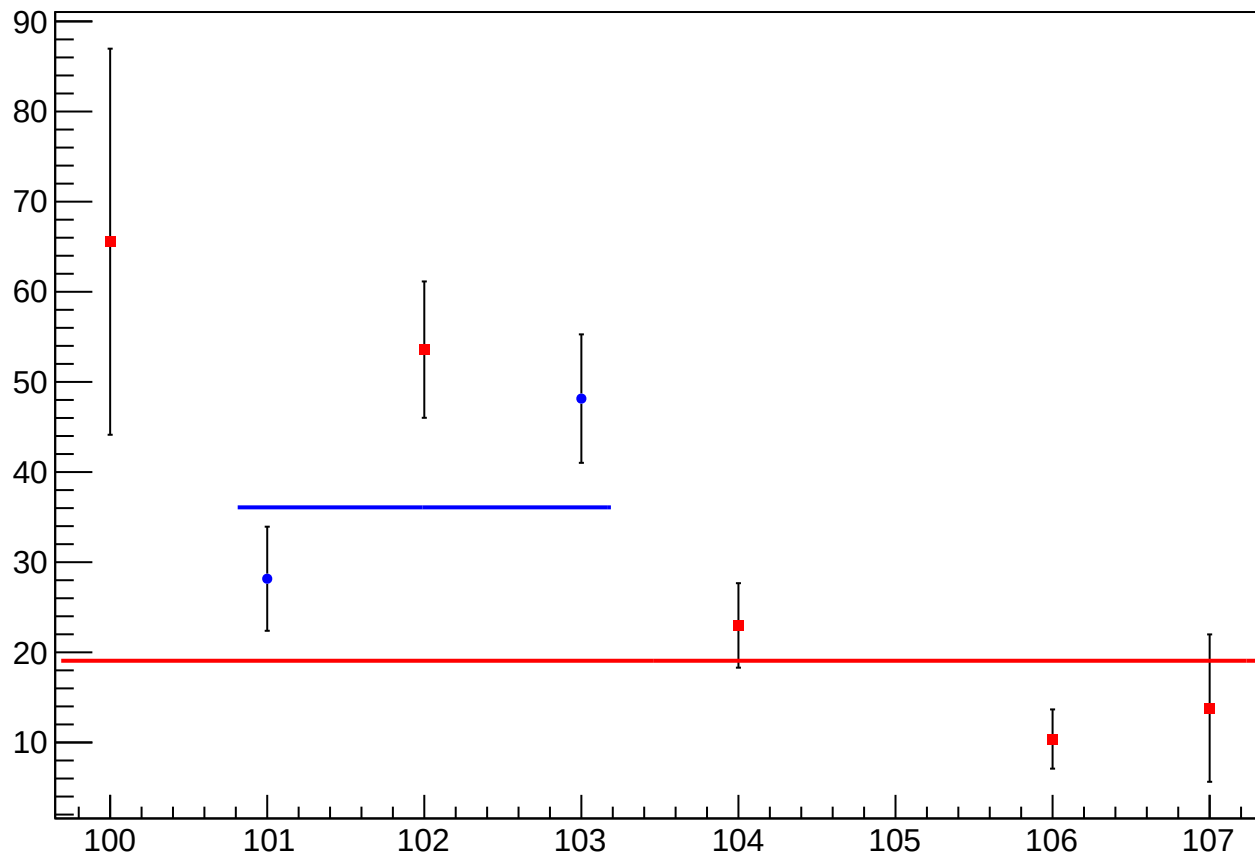
Right: -101.703+/-2.324 χ^2/NDF : 859.7/6

In: -175.380+/-4.860 χ^2/NDF : 100.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -101.703+/-2.324 χ^2/NDF : 859.7/6

reg_asym_usl_atl2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 36.085+/-4.486 χ^2/NDF : 4.7/1

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

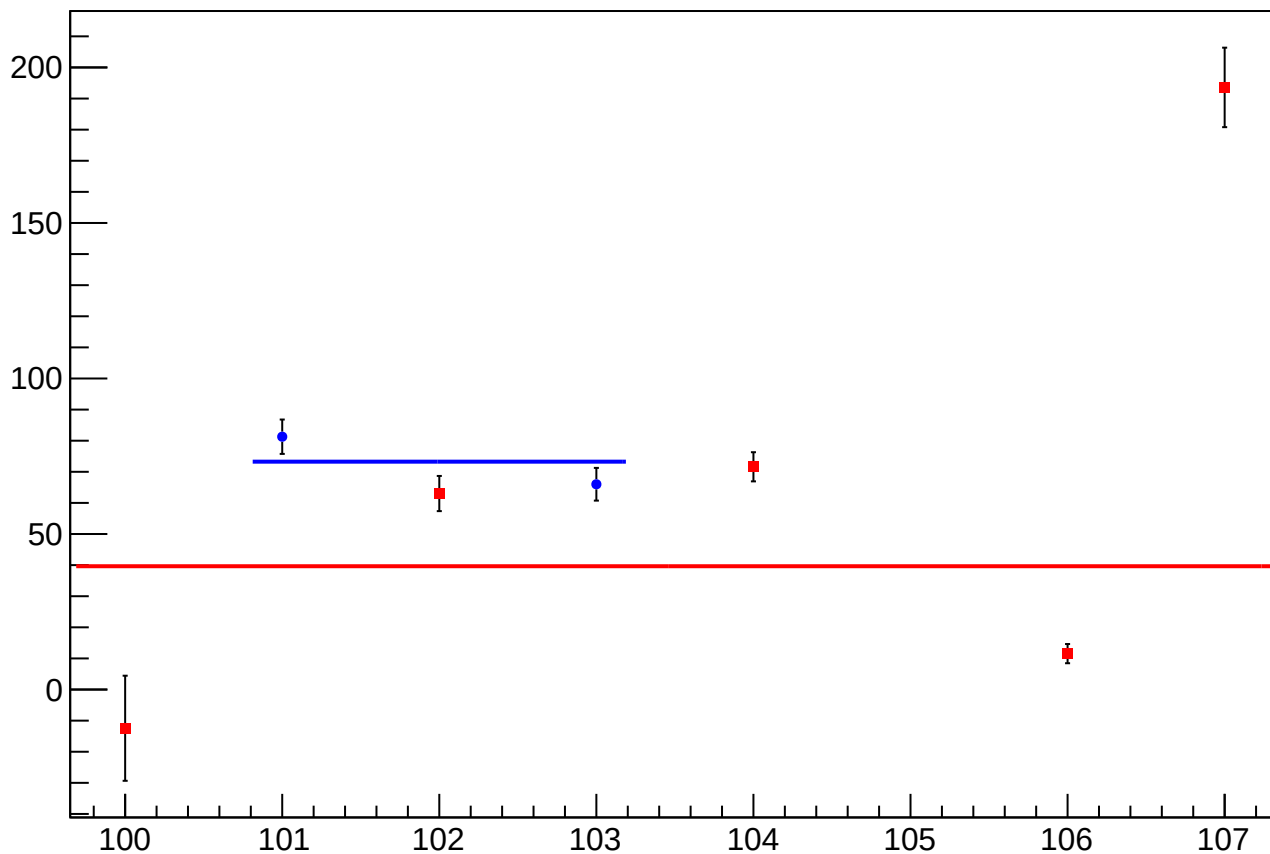
Right: 22.867+/-2.120 χ^2/NDF : 49.6/6

In: 36.085+/-4.486 χ^2/NDF : 4.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.867+/-2.120 χ^2/NDF : 49.6/6

reg_asym_usl_atl2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 73.261+/-3.809 χ^2/NDF : 4.0/1

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

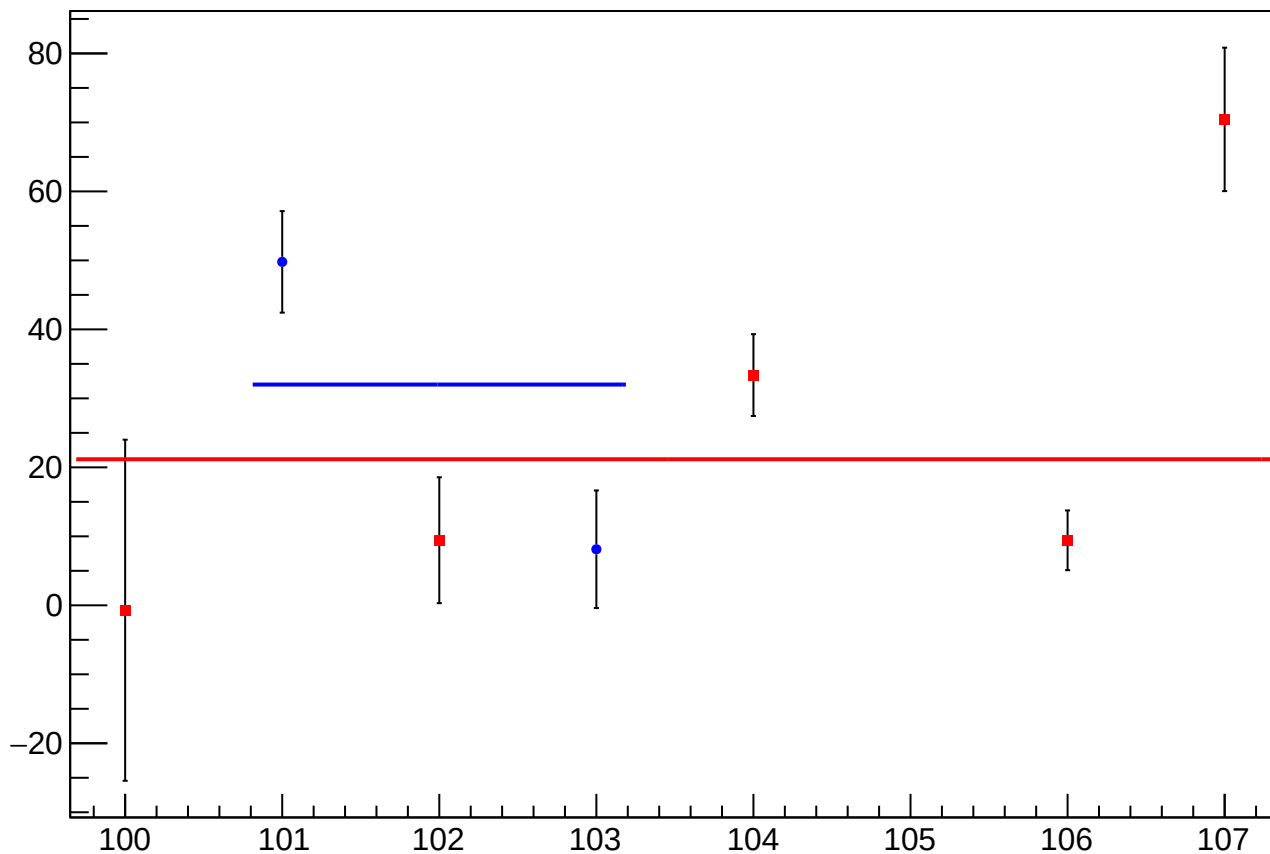
Right: 48.547+/-1.960 χ^2/NDF : 362.3/6

In: 73.261+/-3.809 χ^2/NDF : 4.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.547+/-1.960 χ^2/NDF : 362.3/6

reg_asym_usl_atl2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 32.002+/-5.570 χ^2/NDF : 13.7/1

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

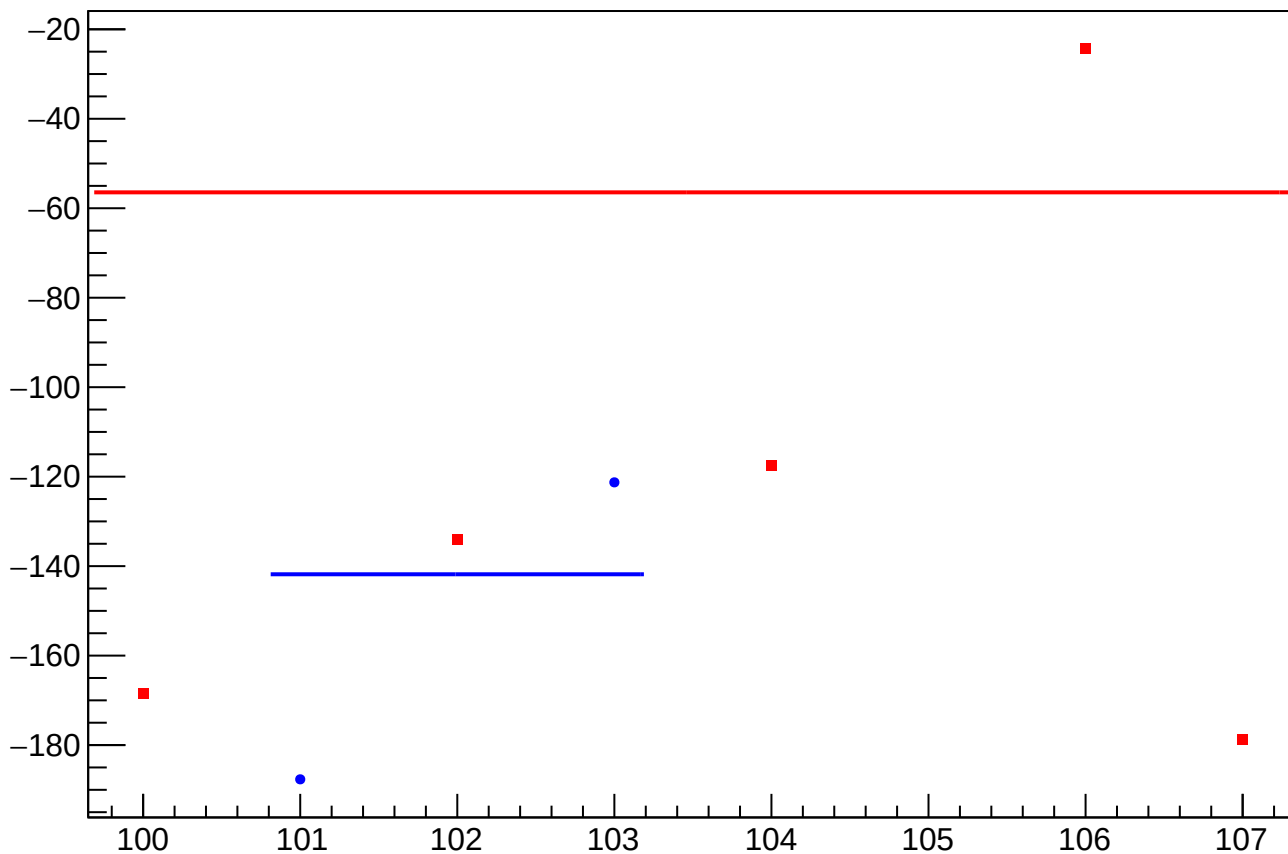
Right: 23.723+/-2.703 χ^2/NDF : 53.1/6

In: 32.002+/-5.570 χ^2/NDF : 13.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.723+/-2.703 χ^2/NDF : 53.1/6

reg_asym_usl_atl2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -141.820+/-0.184 χ^2/NDF : 27944.7/1

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

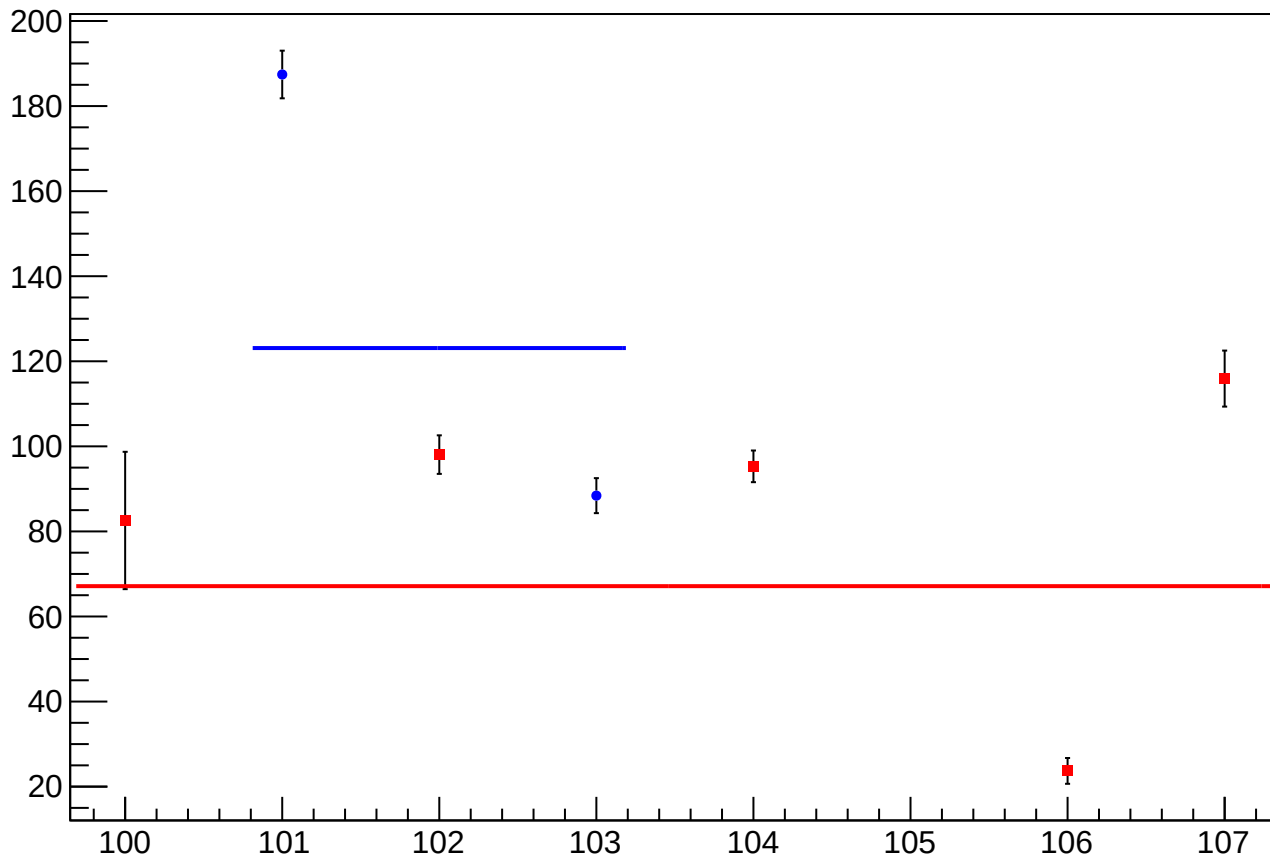
Right: -71.630+/-0.077 χ^2/NDF : 551290.5/6

In: -141.820+/-0.184 χ^2/NDF : 27944.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -71.630+/-0.077 χ^2/NDF : 551290.5/6

reg_asym_usl_atl2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 123.108 $\pm$ 3.316 χ^2 /NDF: 203.0/1

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

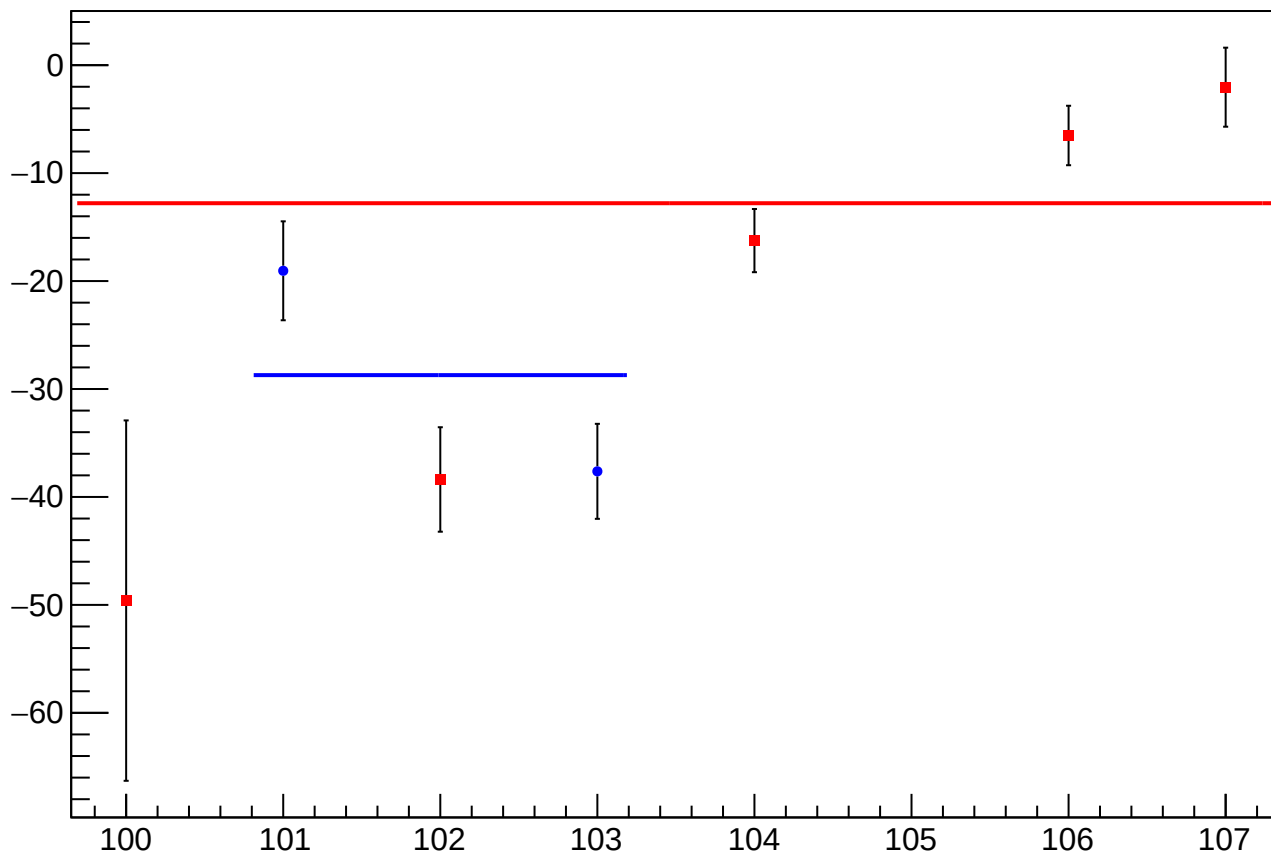
Right: 81.784 $\pm$ 1.697 χ^2 /NDF: 778.1/6

In: 123.108 $\pm$ 3.316 χ^2 /NDF: 203.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 81.784 $\pm$ 1.697 χ^2 /NDF: 778.1/6

reg_asym_usl_atl2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -28.714 $\pm$ 3.174 χ^2 /NDF: 8.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -12.789 $\pm$ 1.645 χ^2 /NDF: 48.0/4

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

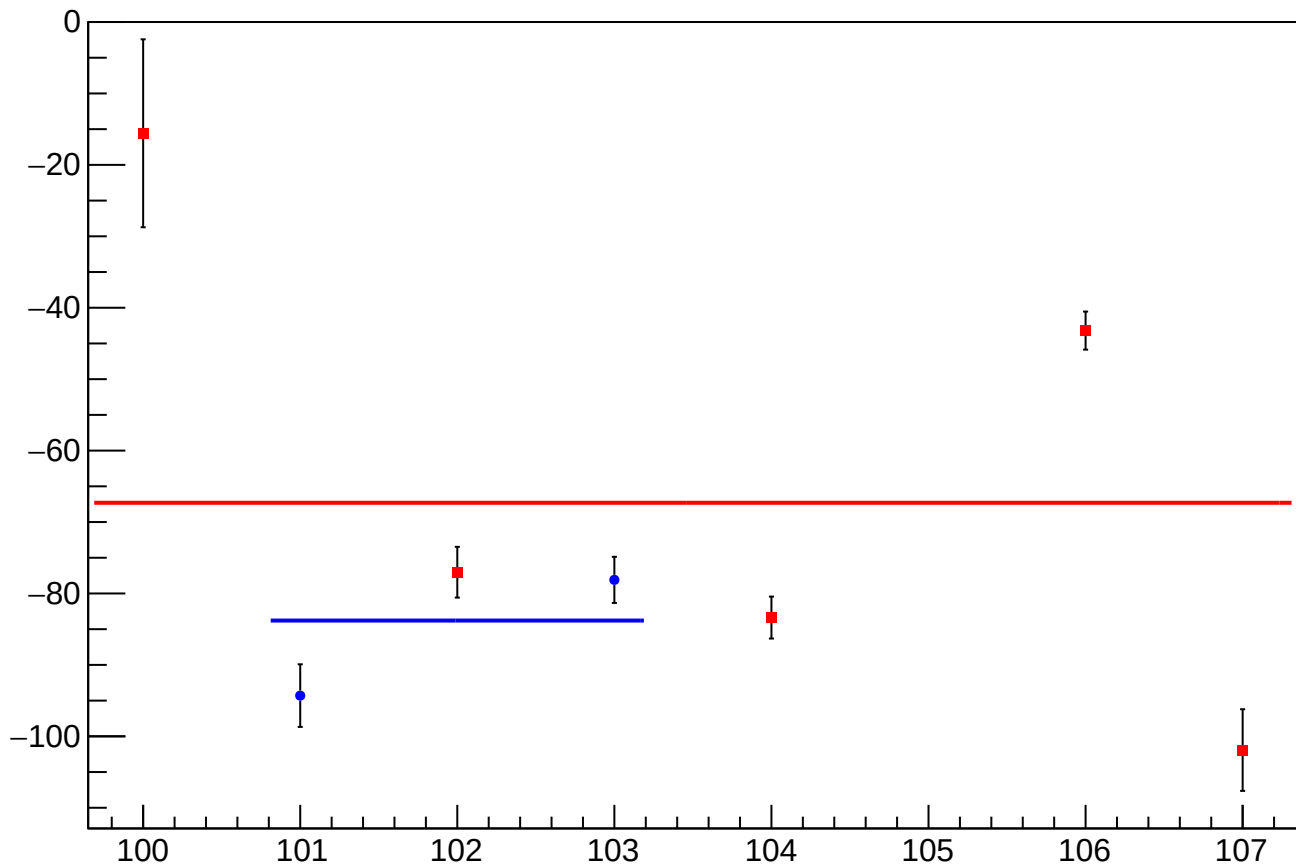
Right: -16.161 $\pm$ 1.461 χ^2 /NDF: 76.4/6

In: -28.714 $\pm$ 3.174 χ^2 /NDF: 8.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -16.161 $\pm$ 1.461 χ^2 /NDF: 76.4/6

reg_asym_usl_atl2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -83.792 $\pm$ 2.600 χ^2 /NDF: 8.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -67.303 $\pm$ 1.639 χ^2 /NDF: 171.5/4

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

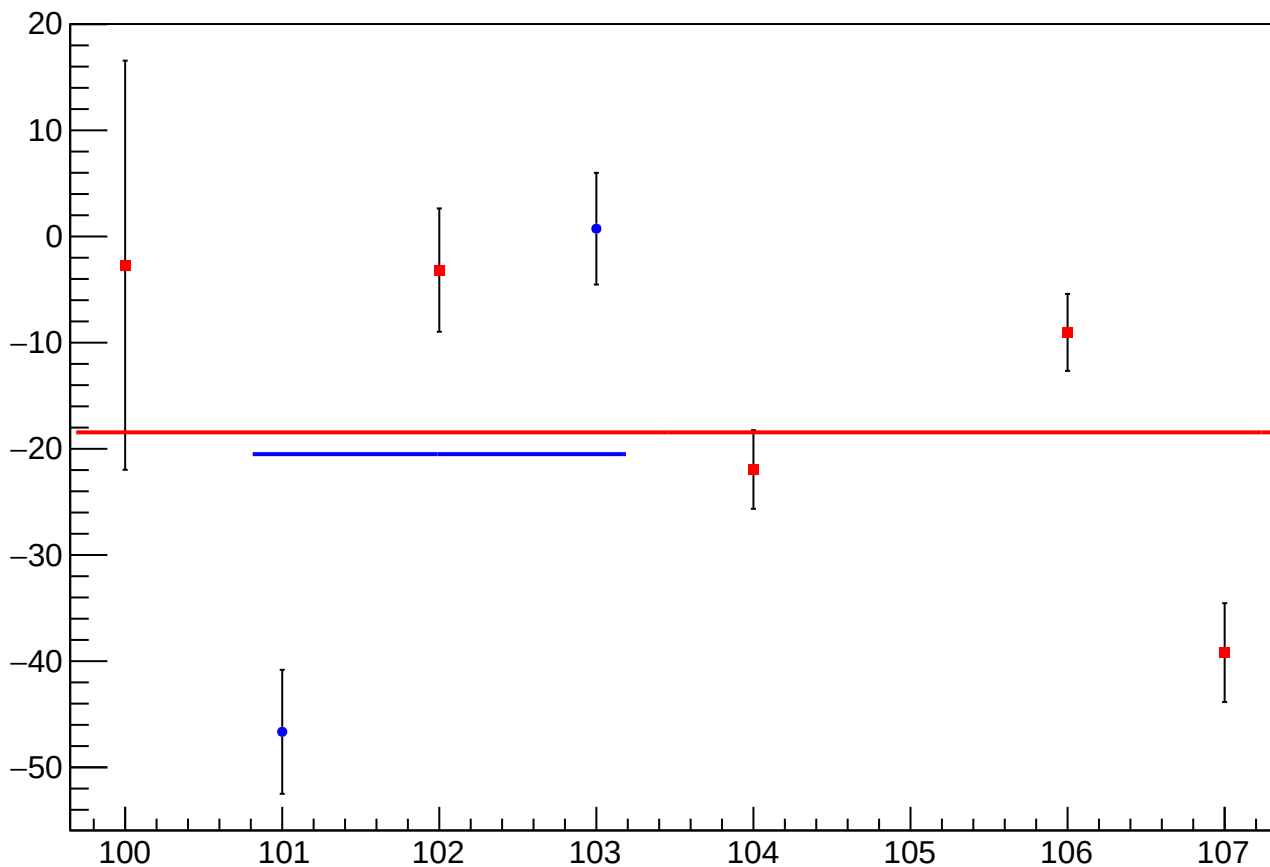
Right: -71.991 $\pm$ 1.386 χ^2 /NDF: 209.1/6

In: -83.792 $\pm$ 2.600 χ^2 /NDF: 8.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -71.991 $\pm$ 1.386 χ^2 /NDF: 209.1/6

reg_asym_usl_atl2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -20.500 $\pm$ 3.909 χ^2 /NDF: 36.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -18.450 $\pm$ 2.096 χ^2 /NDF: 35.1/4

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

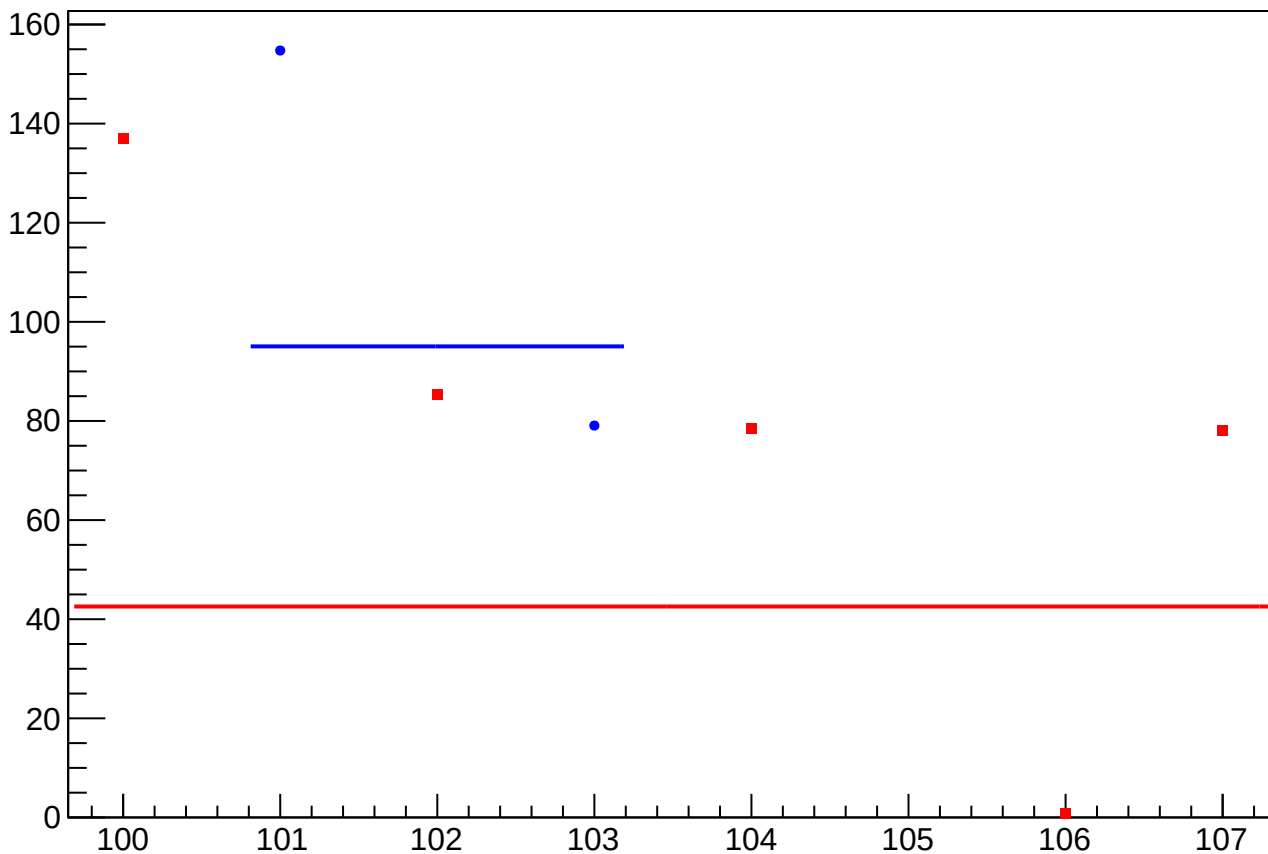
Right: -18.908 $\pm$ 1.847 χ^2 /NDF: 71.7/6

In: -20.500 $\pm$ 3.909 χ^2 /NDF:36.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -18.908 $\pm$ 1.847 χ^2 /NDF: 71.7/6

reg_asym_usl_atl2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 95.047+/-0.120 χ^2/NDF : 65853.2/1

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

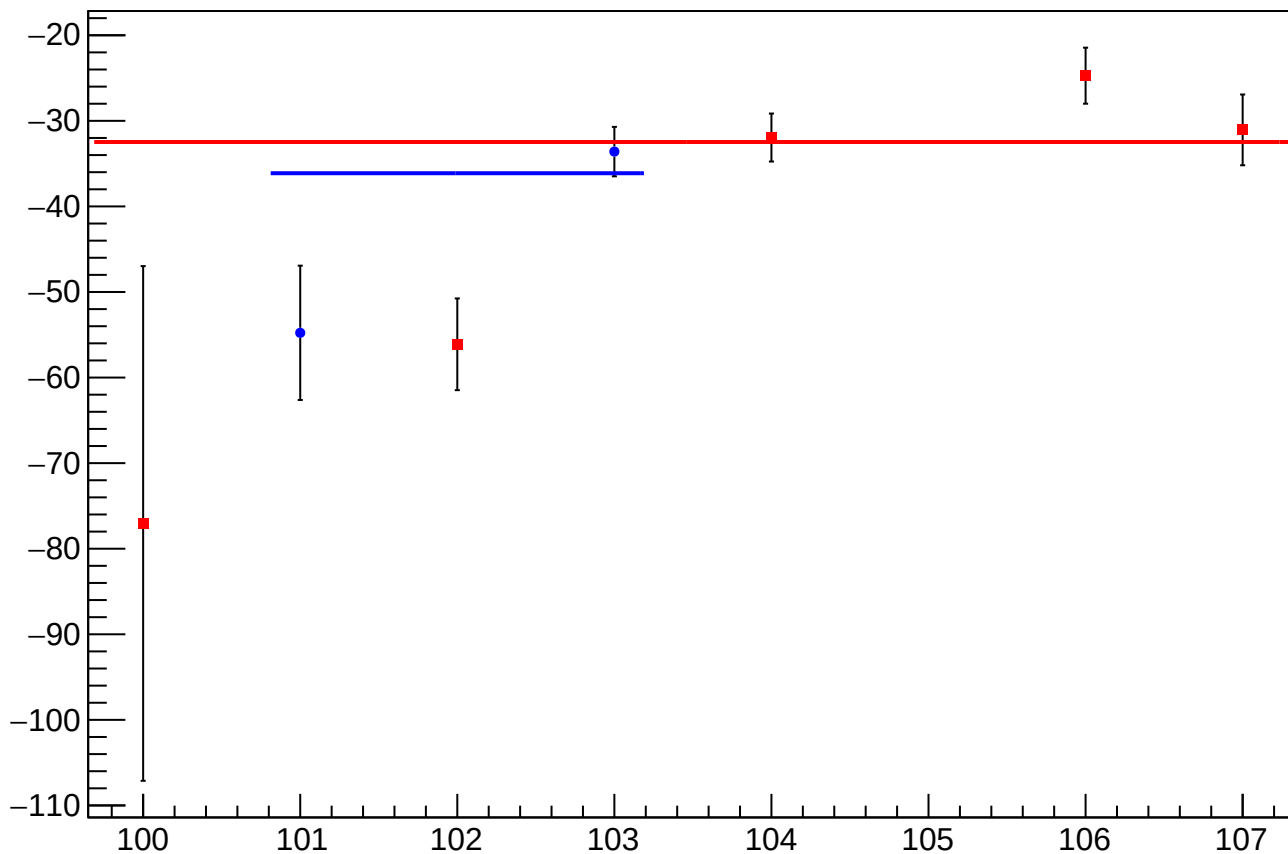
Right: 55.066+/-0.059 χ^2/NDF : 583603.4/6

In: 95.047+/-0.120 χ^2/NDF : 65853.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.066+/-0.059 χ^2/NDF : 583603.4/6

reg_asym_usr_atr1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -36.122 $\pm$ 2.712 χ^2 /NDF: 6.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -32.473 $\pm$ 1.782 χ^2 /NDF: 27.4/4

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

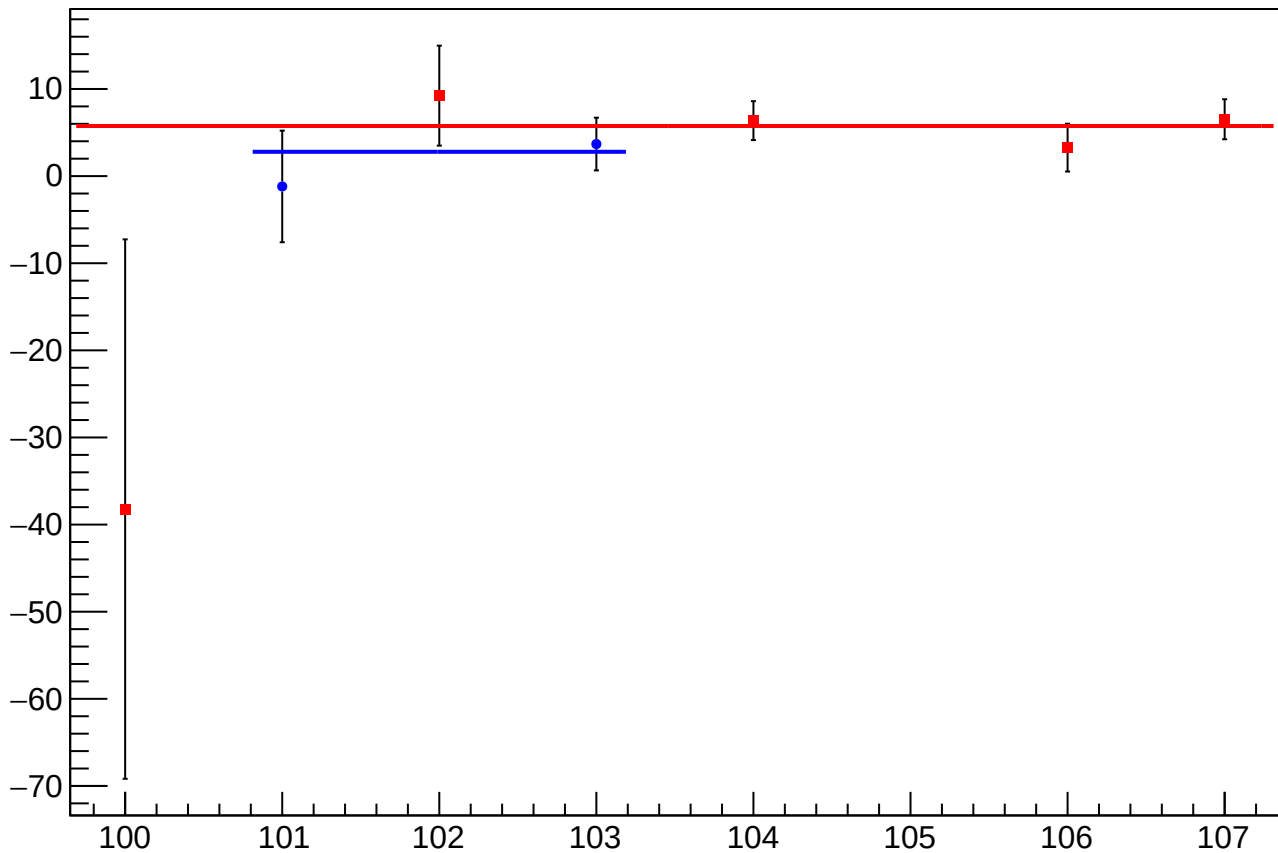
Right: -33.574 $\pm$ 1.489 χ^2 /NDF: 35.1/6

In: -36.122 $\pm$ 2.712 χ^2 /NDF: 6.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -33.574 $\pm$ 1.489 χ^2 /NDF: 35.1/6

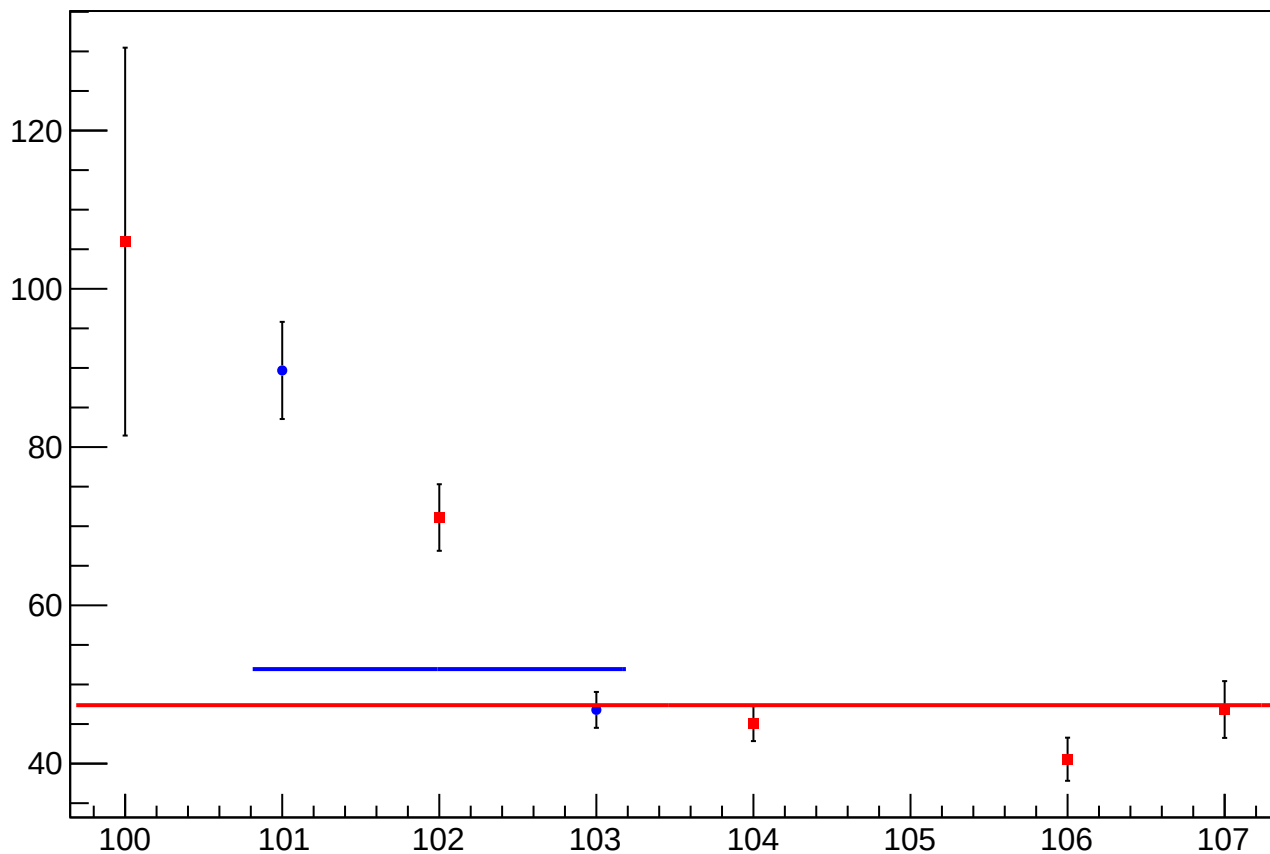
reg_asym_usr_atr1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.792+/-2.737 χ^2/NDF : 0.5/1
 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: 5.178+/-1.206 χ^2/NDF : 4.8/6
 In: 2.792+/-2.737 χ^2/NDF : 0.5/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 5.178+/-1.206 χ^2/NDF : 4.8/6

reg_asym_usr_atr1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 51.943 $\pm$ 2.128 χ^2 /NDF: 43.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 47.385 $\pm$ 1.451 χ^2 /NDF: 44.9/4

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

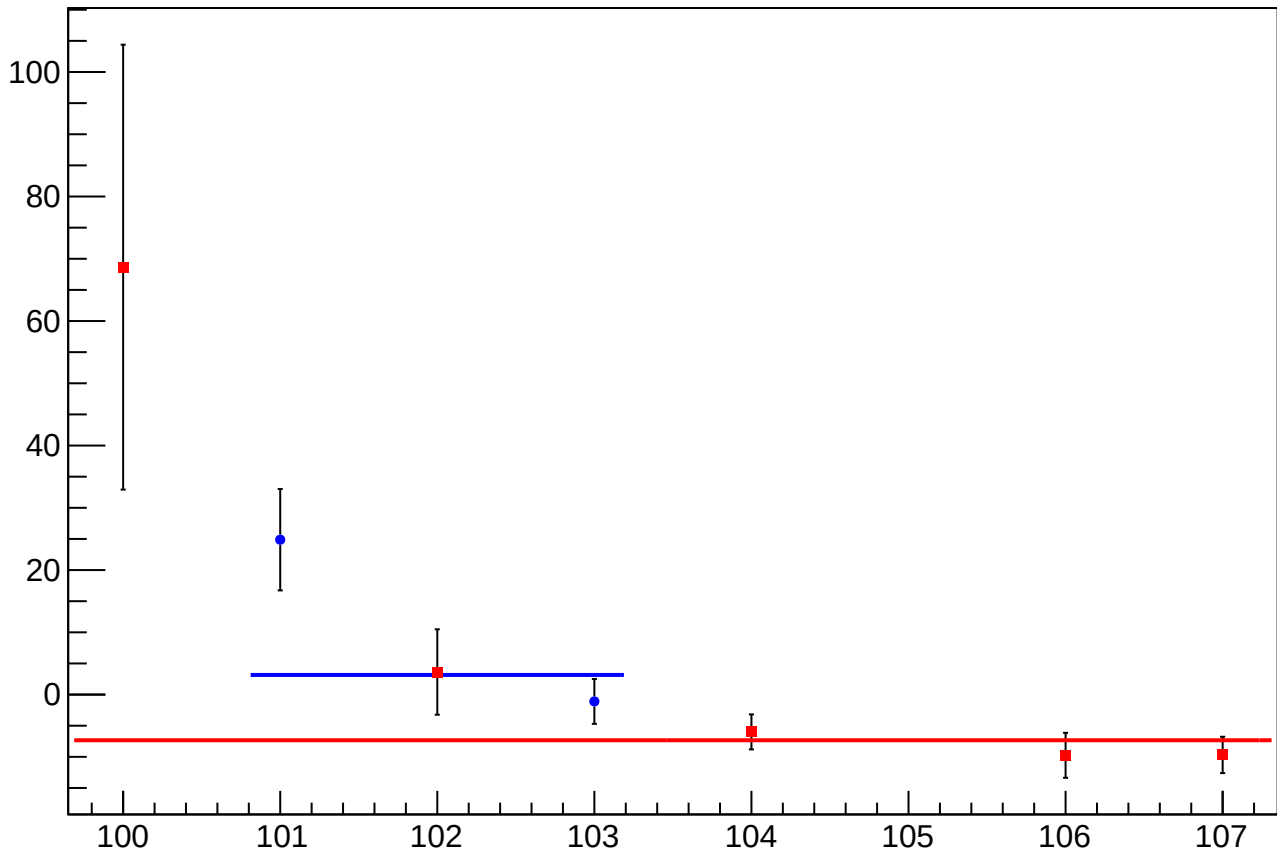
Right: 48.831 $\pm$ 1.199 χ^2 /NDF: 91.0/6

In: 51.943 $\pm$ 2.128 χ^2 /NDF: 43.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 48.831 $\pm$ 1.199 χ^2 /NDF: 91.0/6

reg_asym_usr_atr1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.155+/-3.297 χ^2/NDF : 8.5/1

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

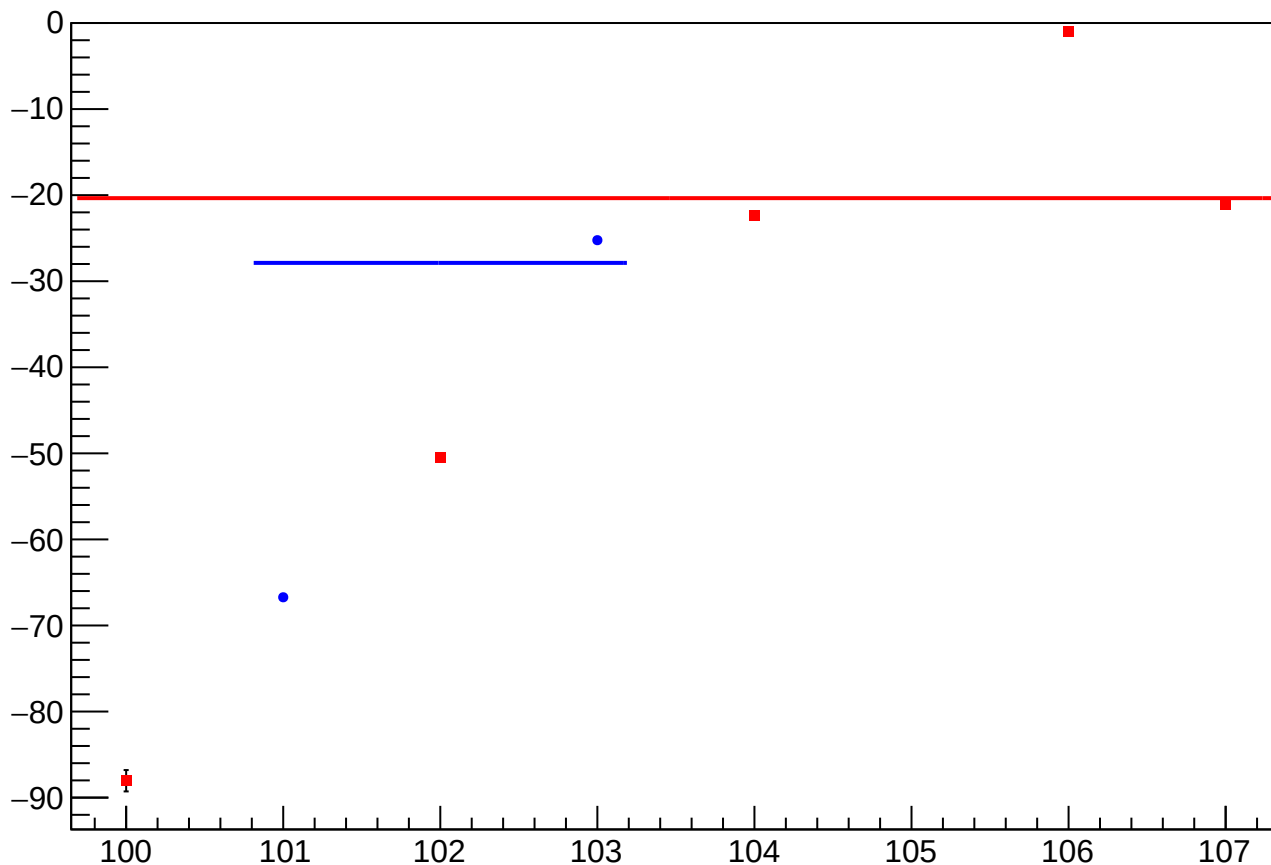
Right: -5.116+/-1.517 χ^2/NDF : 24.9/6

In: 3.155+/-3.297 χ^2/NDF : 8.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.116+/-1.517 χ^2/NDF : 24.9/6

reg_asym_usr_atr1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -27.871+/-0.092 χ^2/NDF : 12205.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.349+/-0.066 χ^2/NDF : 55179.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

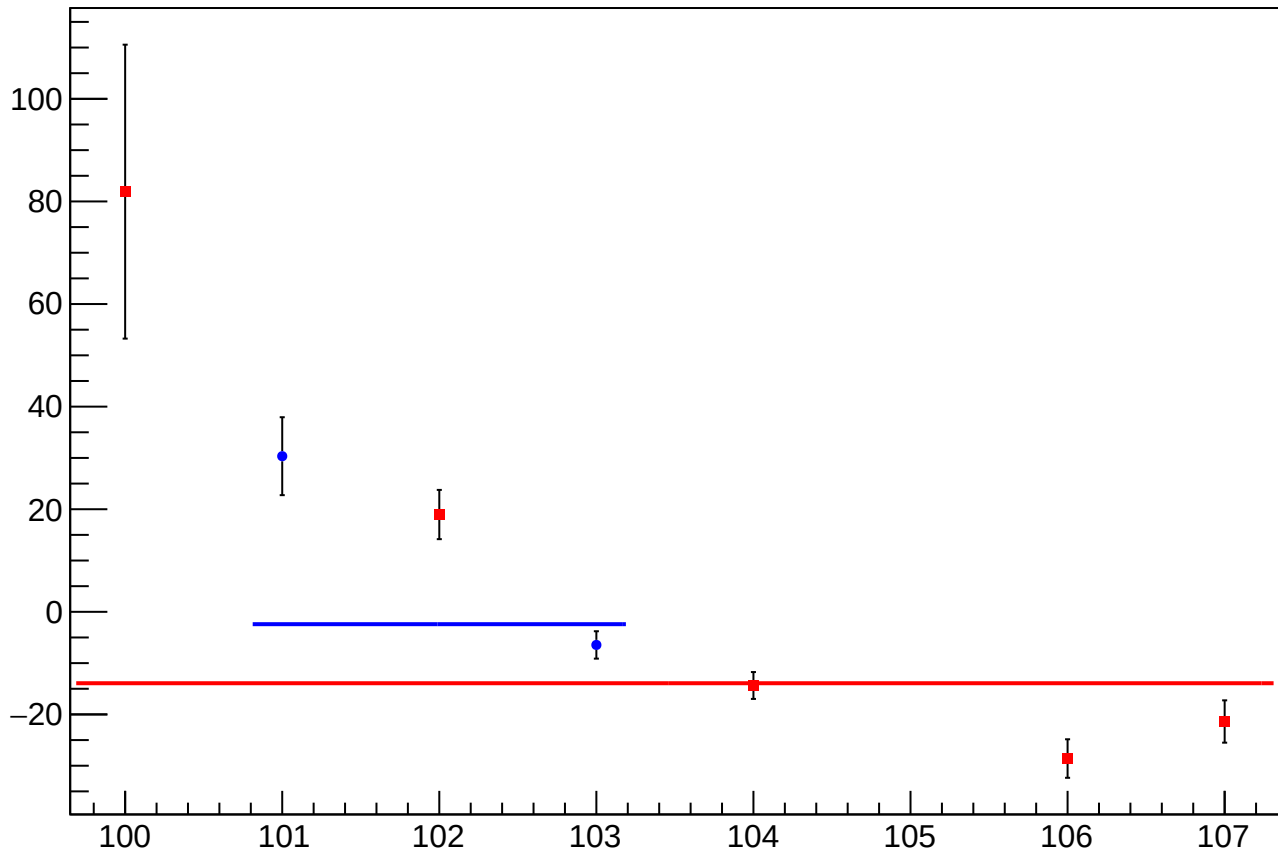
Right: -22.903+/-0.053 χ^2/NDF : 71834.4/6

In: -27.871+/-0.092 χ^2/NDF : 12205.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.903+/-0.053 χ^2/NDF : 71834.4/6

reg_asym_usr_atr1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.408+/-2.519 χ^2/NDF : 20.9/1

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

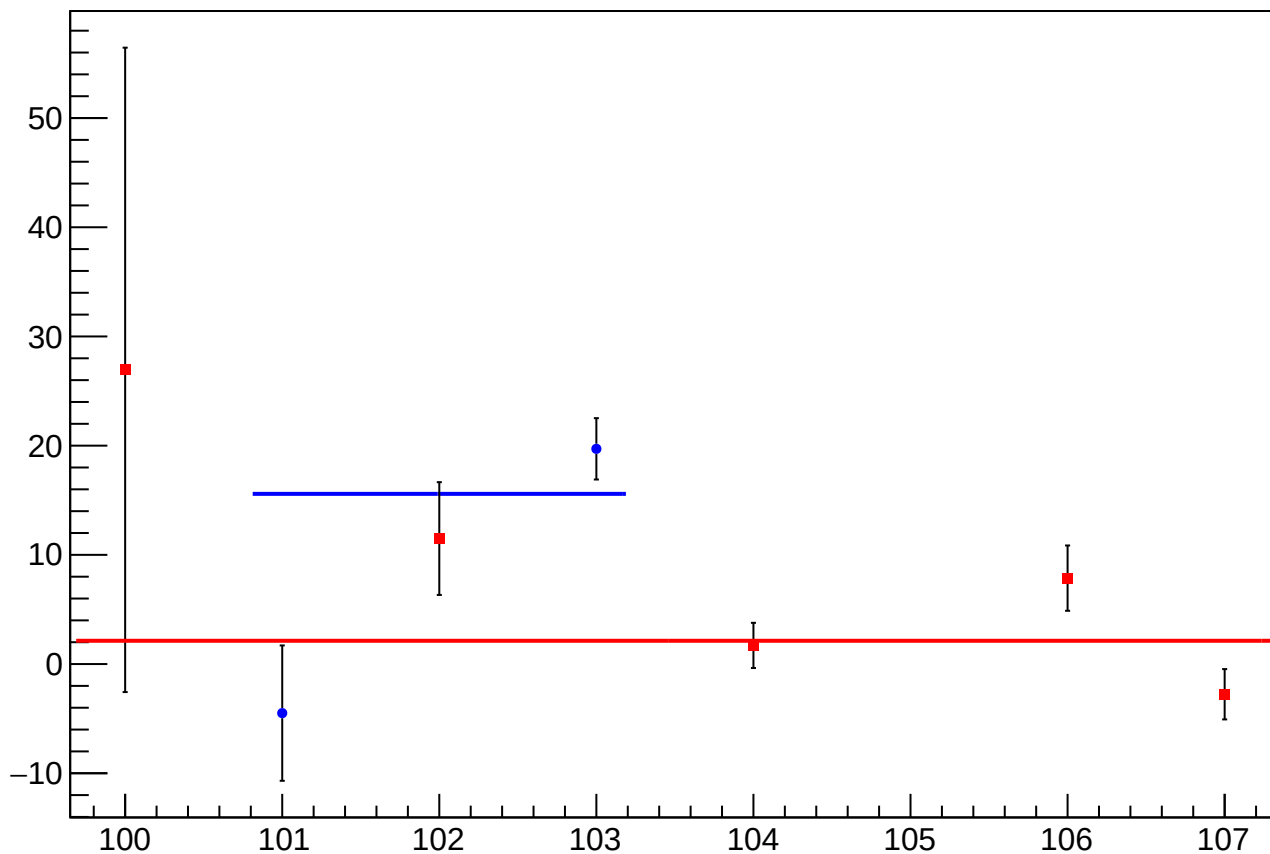
Right: -10.121+/-1.447 χ^2/NDF : 111.6/6

In: -2.408+/-2.519 χ^2/NDF : 20.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.121+/-1.447 χ^2/NDF : 111.6/6

reg_asym_usr_atr1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.585+/-2.558 χ^2/NDF : 12.7/1

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

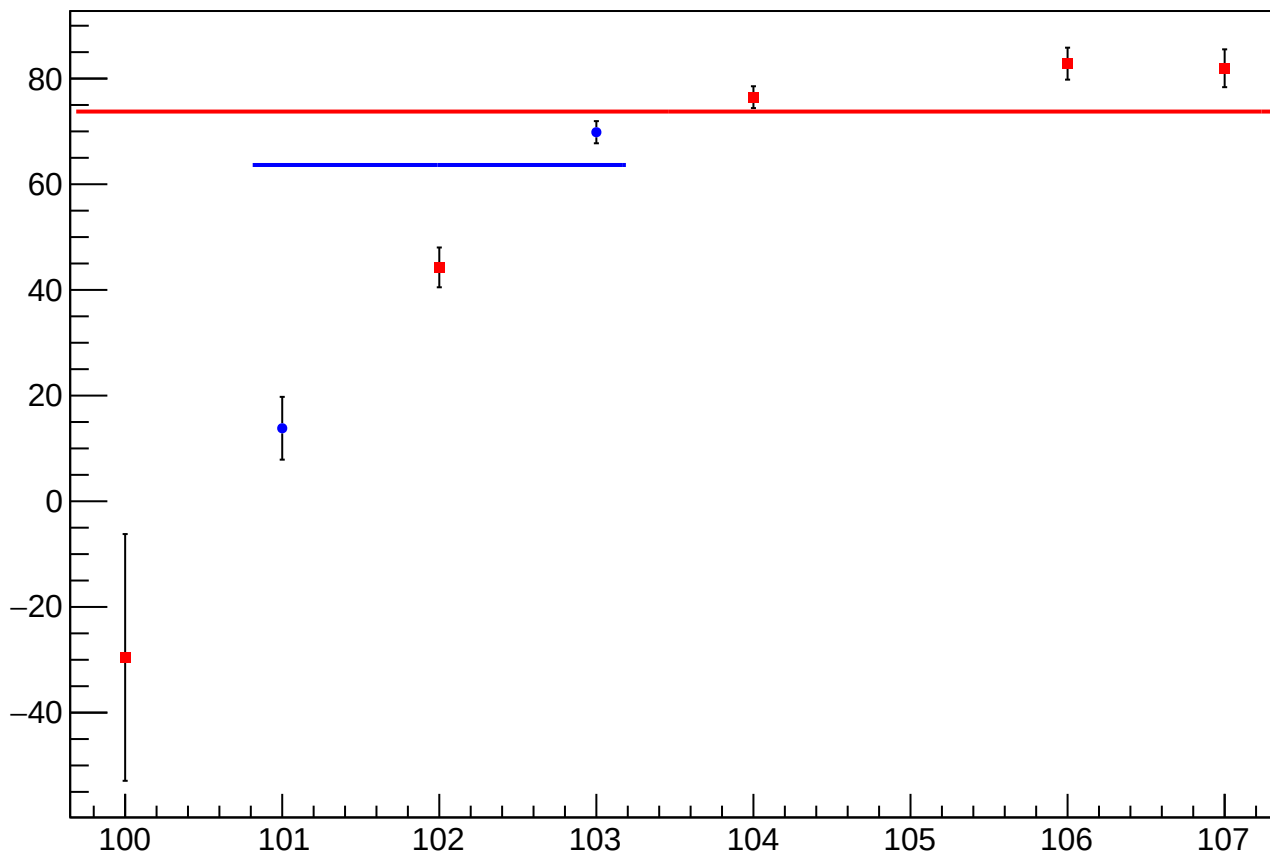
Right: 4.967+/-1.174 χ^2/NDF : 46.7/6

In: 15.585+/-2.558 χ^2/NDF : 12.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.967+/-1.174 χ^2/NDF : 46.7/6

reg_asym_usr_atr1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 63.644+/-1.977 χ^2/NDF : 79.1/1

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

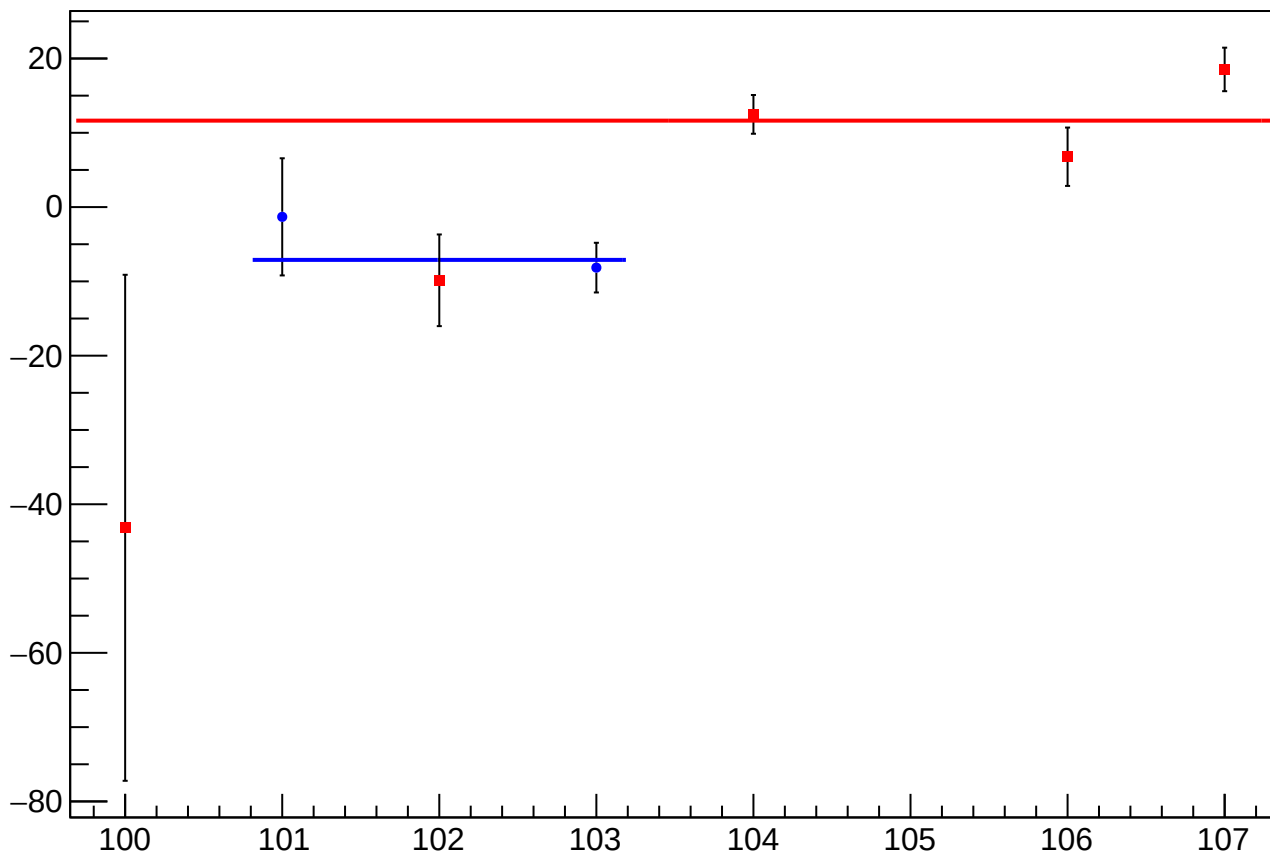
Right: 70.305+/-1.155 χ^2/NDF : 193.2/6

In: 63.644+/-1.977 χ^2/NDF : 79.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.305+/-1.155 χ^2/NDF : 193.2/6

reg_asym_usr_atr1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -7.107 $\pm$ 3.079 χ^2 /NDF: 0.6/1

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

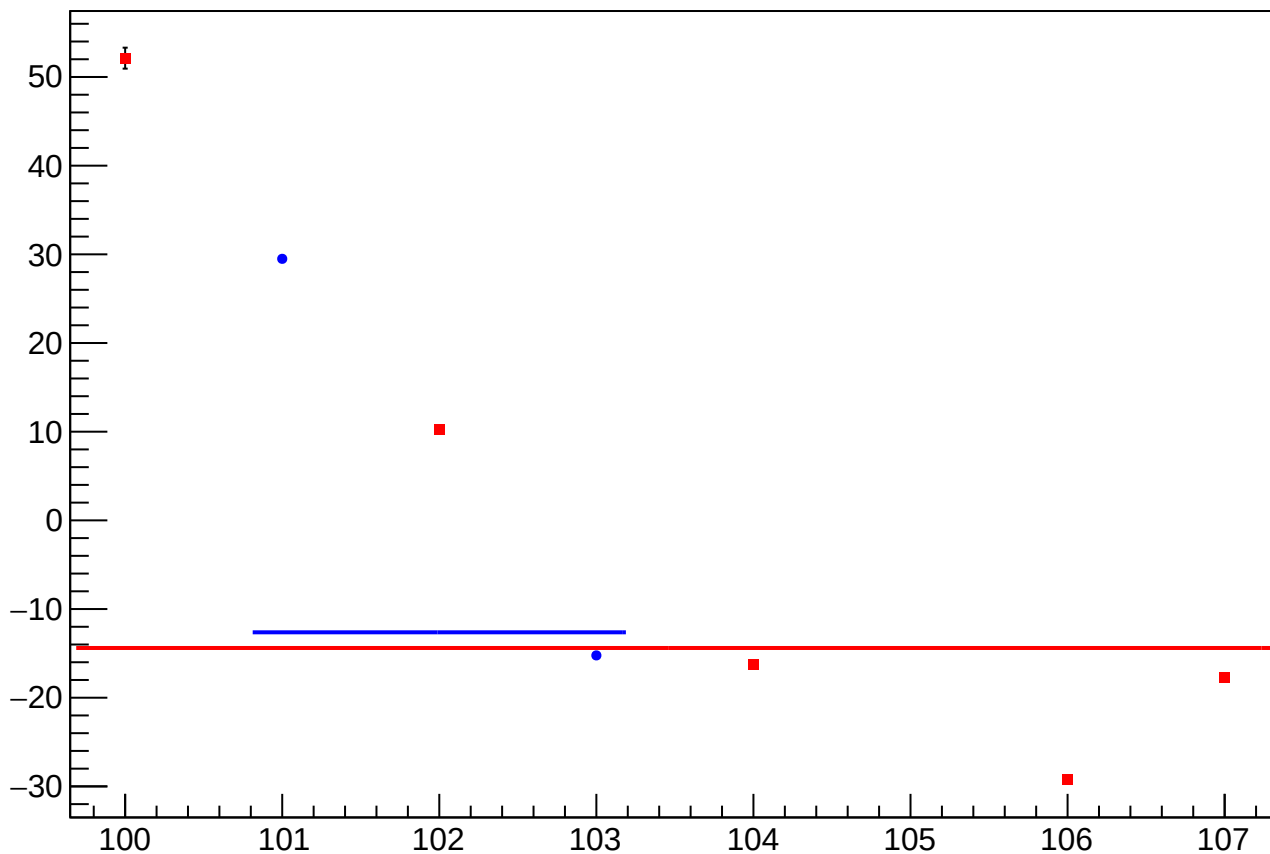
Right: 7.347 $\pm$ 1.473 χ^2 /NDF: 51.1/6

In: -7.107 $\pm$ 3.079 χ^2 /NDF:0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 7.347 $\pm$ 1.473 χ^2 /NDF: 51.1/6

reg_asym_usr_atr1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -12.625 $\pm$ 0.085 χ^2 /NDF: 15241.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -14.392 $\pm$ 0.065 χ^2 /NDF: 37597.2/4

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

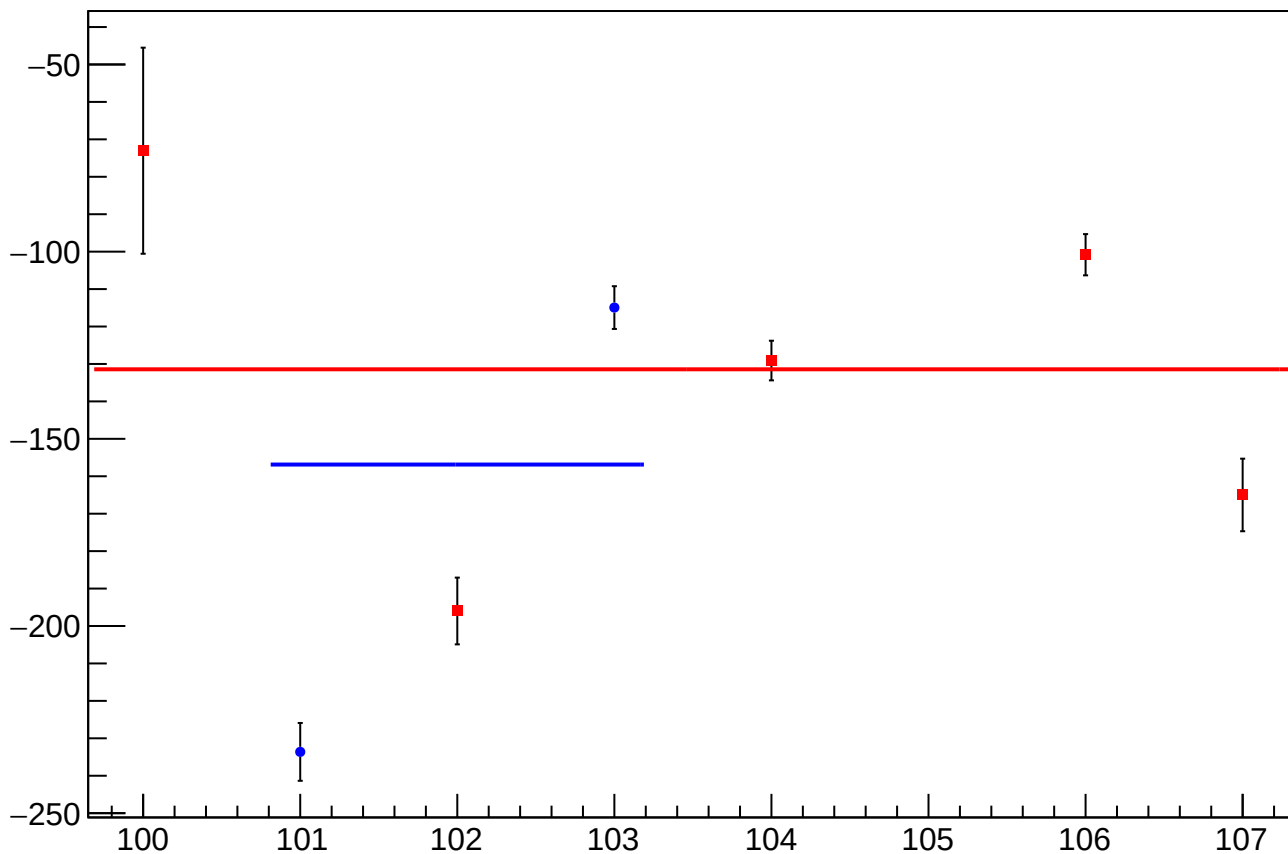
Right: -13.735 $\pm$ 0.052 χ^2 /NDF: 53111.8/6

In: -12.625 $\pm$ 0.085 χ^2 /NDF:15241.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -13.735 $\pm$ 0.052 χ^2 /NDF: 53111.8/6

reg_asym_usr_atr2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -156.869+/-4.591 χ^2/NDF : 152.7/1

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

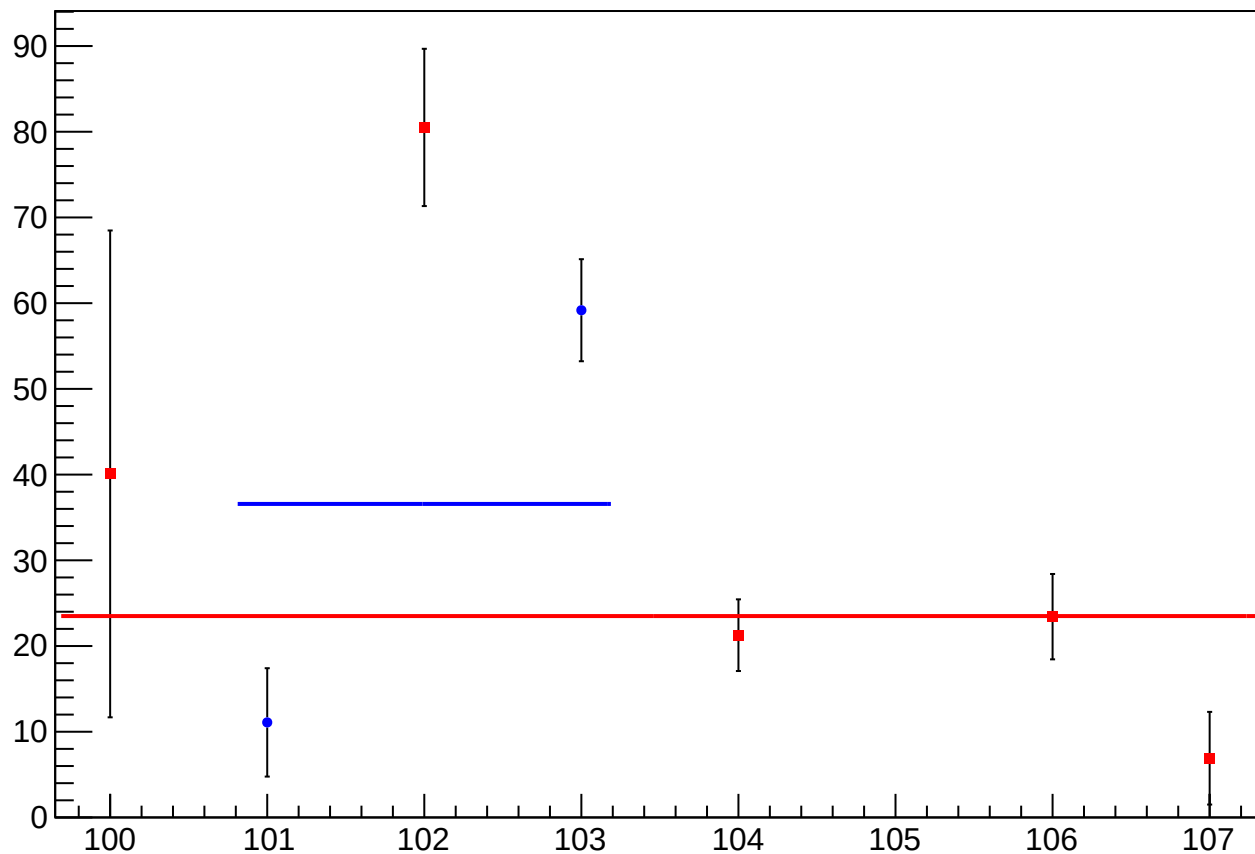
Right: -140.012+/-2.667 χ^2/NDF : 273.0/6

In: -156.869+/-4.591 χ^2/NDF : 152.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -140.012+/-2.667 χ^2/NDF : 273.0/6

reg_asym_usr_atr2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 36.578+/-4.334 χ^2/NDF : 30.7/1

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

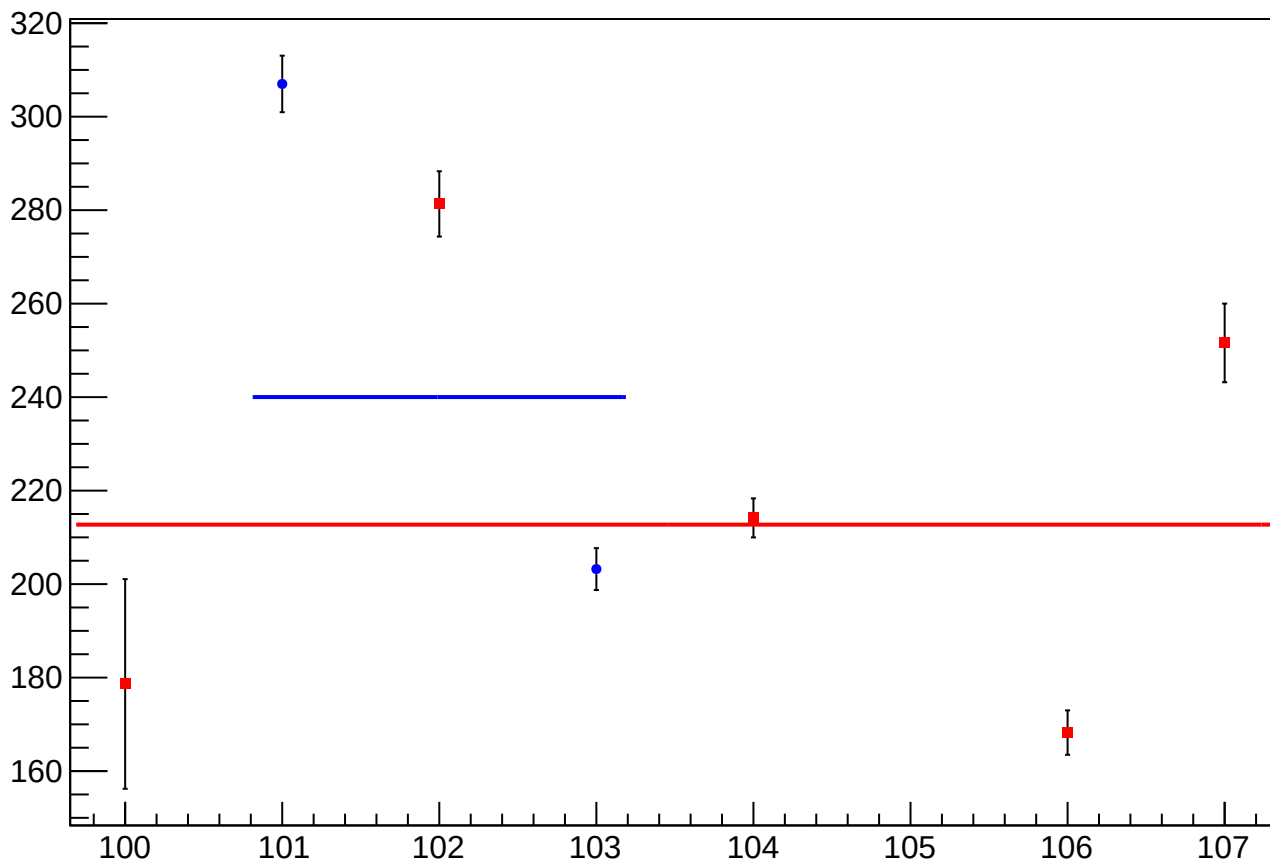
Right: 27.011+/-2.247 χ^2/NDF : 86.0/6

In: 36.578+/-4.334 χ^2/NDF : 30.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.011+/-2.247 χ^2/NDF : 86.0/6

reg_asym_usr_atr2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 240.017 $\pm$ 3.600 χ^2 /NDF: 190.2/1

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

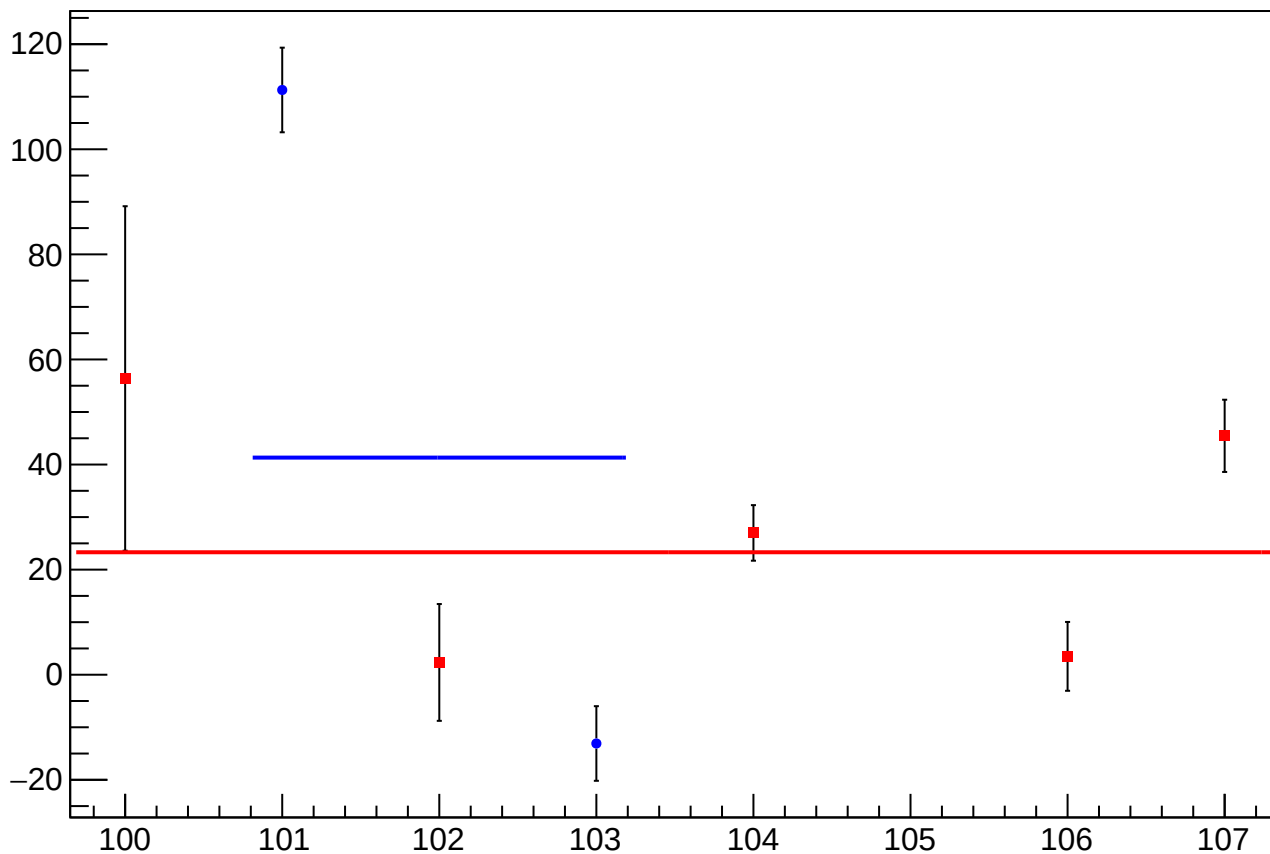
Right: 222.505 $\pm$ 2.155 χ^2 /NDF: 434.8/6

In: 240.017 $\pm$ 3.600 χ^2 /NDF: 190.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 222.505 $\pm$ 2.155 χ^2 /NDF: 434.8/6

reg_asym_usr_atr2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.321+/-5.325 χ^2/NDF : 134.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.308+/-3.347 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

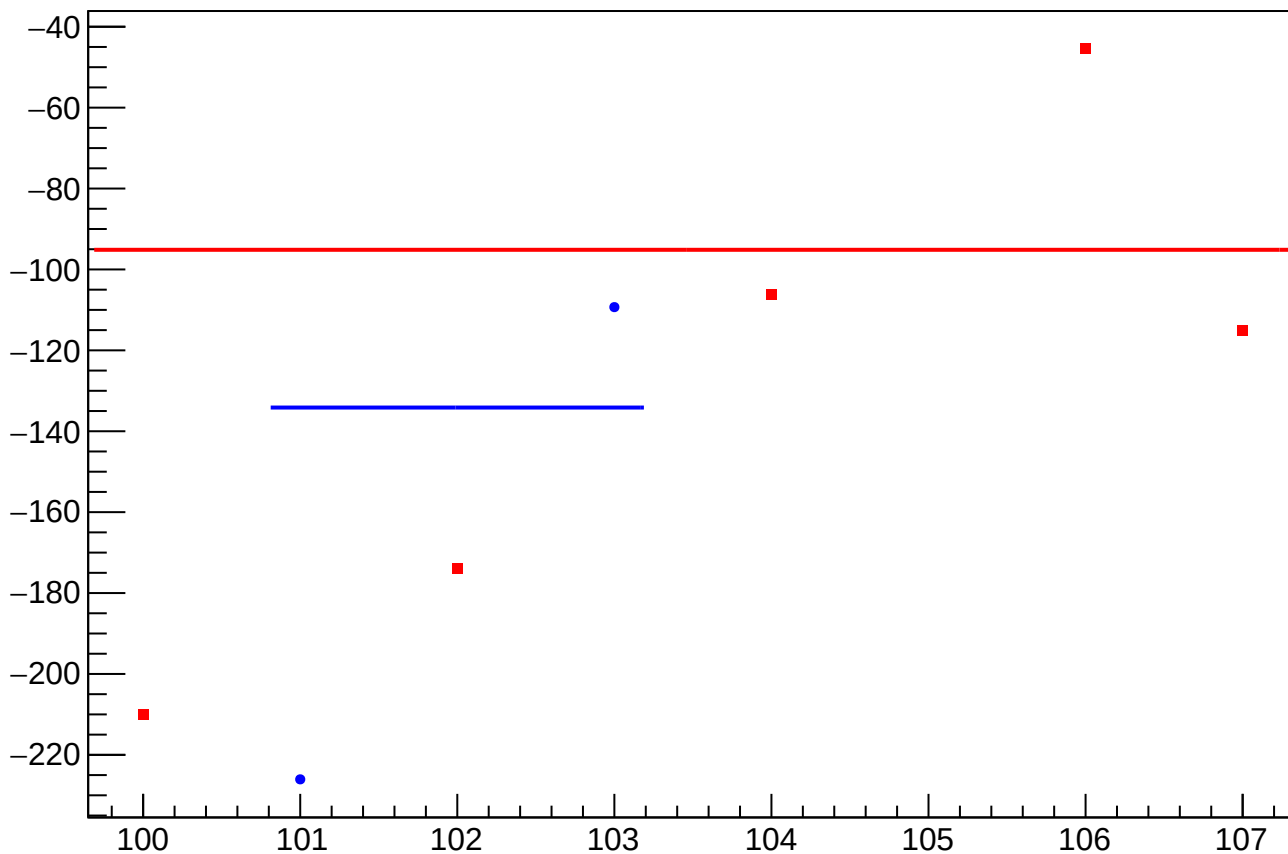
Right: 28.409+/-2.834 χ^2/NDF : 167.0/6

In: 41.321+/-5.325 χ^2/NDF : 134.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.409+/-2.834 χ^2/NDF : 167.0/6

reg_asym_usr_atr2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -134.139+/-0.166 χ^2 /NDF: 82466.2/1

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

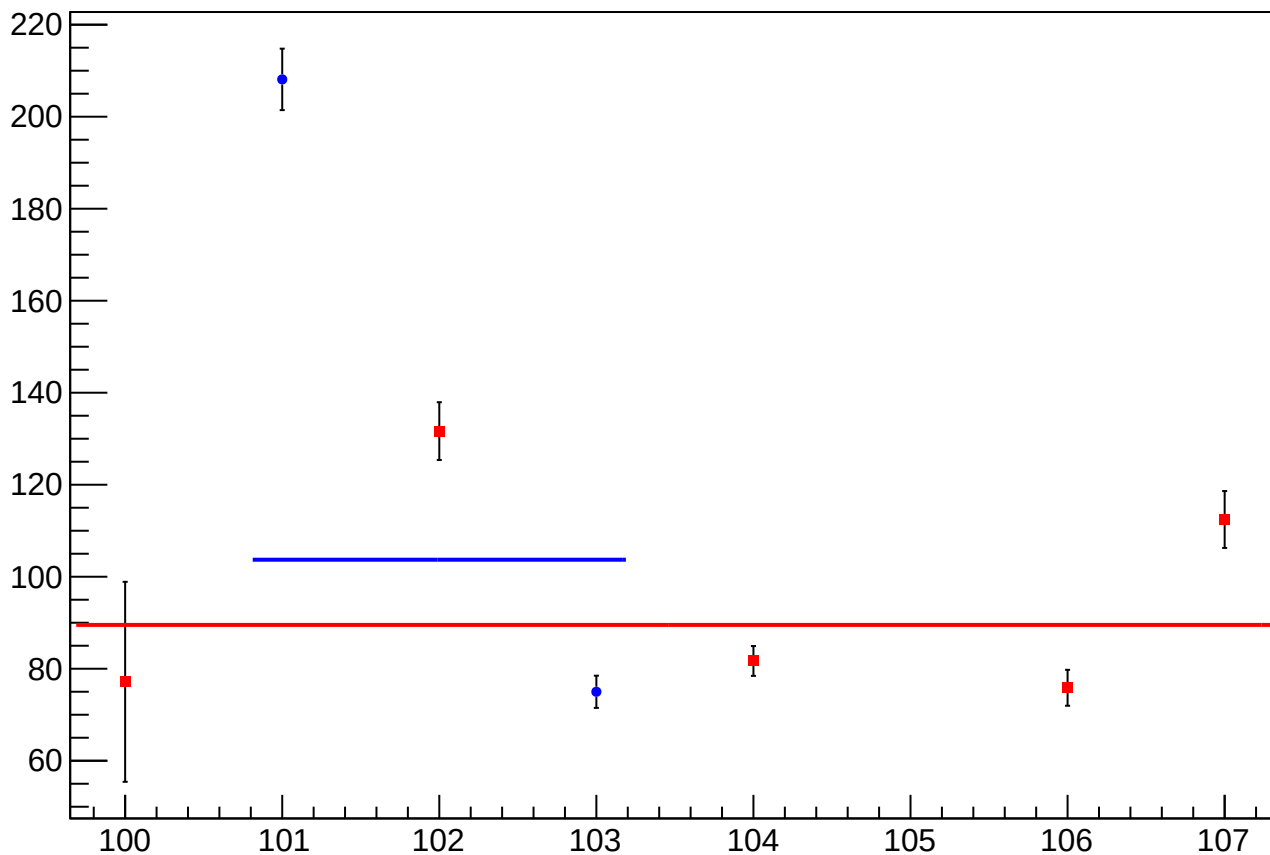
Right: -108.087+/-0.096 χ^2 /NDF: 272707.7/6

In: -134.139+/-0.166 χ^2 /NDF:82466.2/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -108.087+/-0.096 χ^2 /NDF: 272707.7/6

reg_asym_usr_atr2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 103.699 $\pm$ 3.102 χ^2 /NDF: 311.6/1

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

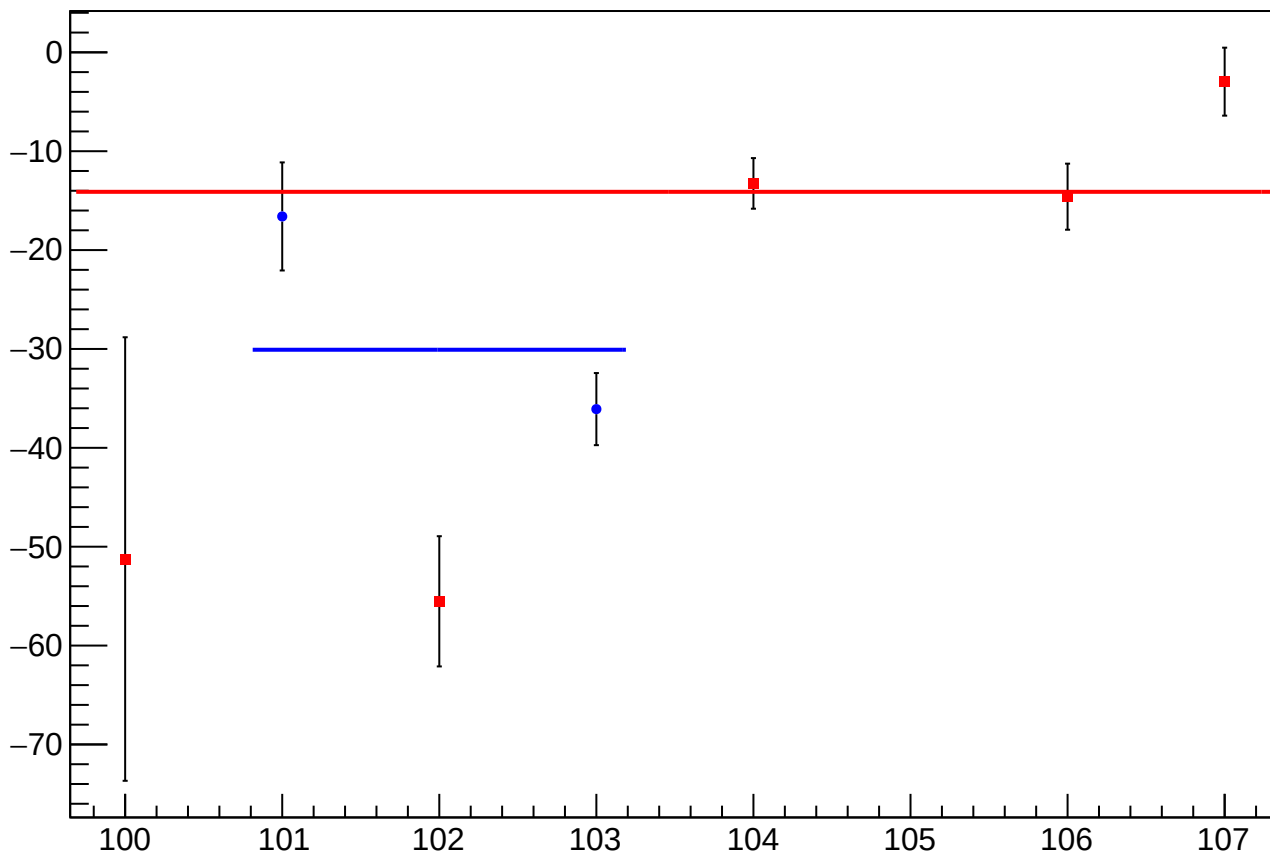
Right: 94.154 $\pm$ 1.772 χ^2 /NDF: 402.9/6

In: 103.699 $\pm$ 3.102 χ^2 /NDF:311.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 94.154 $\pm$ 1.772 χ^2 /NDF: 402.9/6

reg_asym_usr_atr2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -30.080 $\pm$ 3.034 χ^2 /NDF: 8.8/1

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

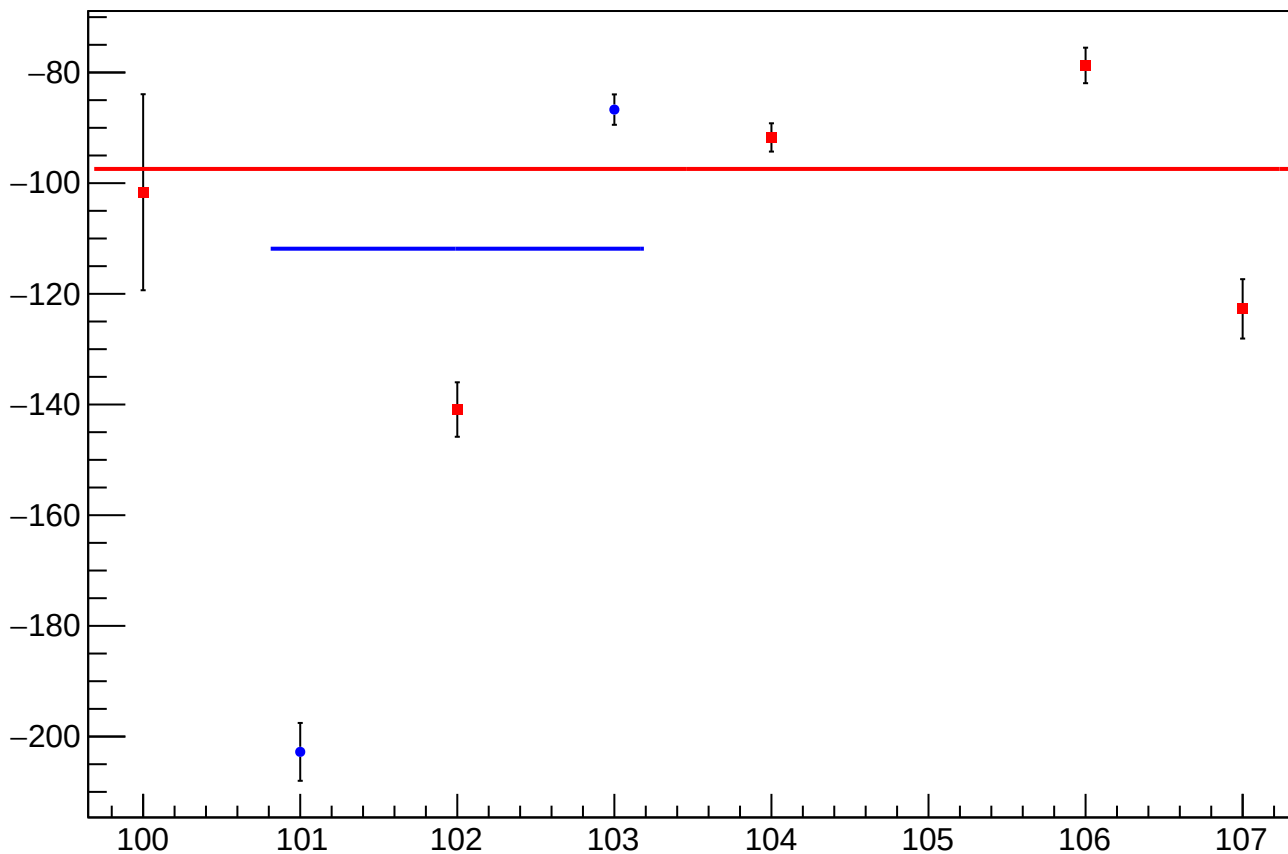
Right: -17.876 $\pm$ 1.474 χ^2 /NDF: 82.9/6

In: -30.080 $\pm$ 3.034 χ^2 /NDF:8.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -17.876 $\pm$ 1.474 χ^2 /NDF: 82.9/6

reg_asym_usr_atr2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -111.843+/-2.433 χ^2/NDF : 386.2/1

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

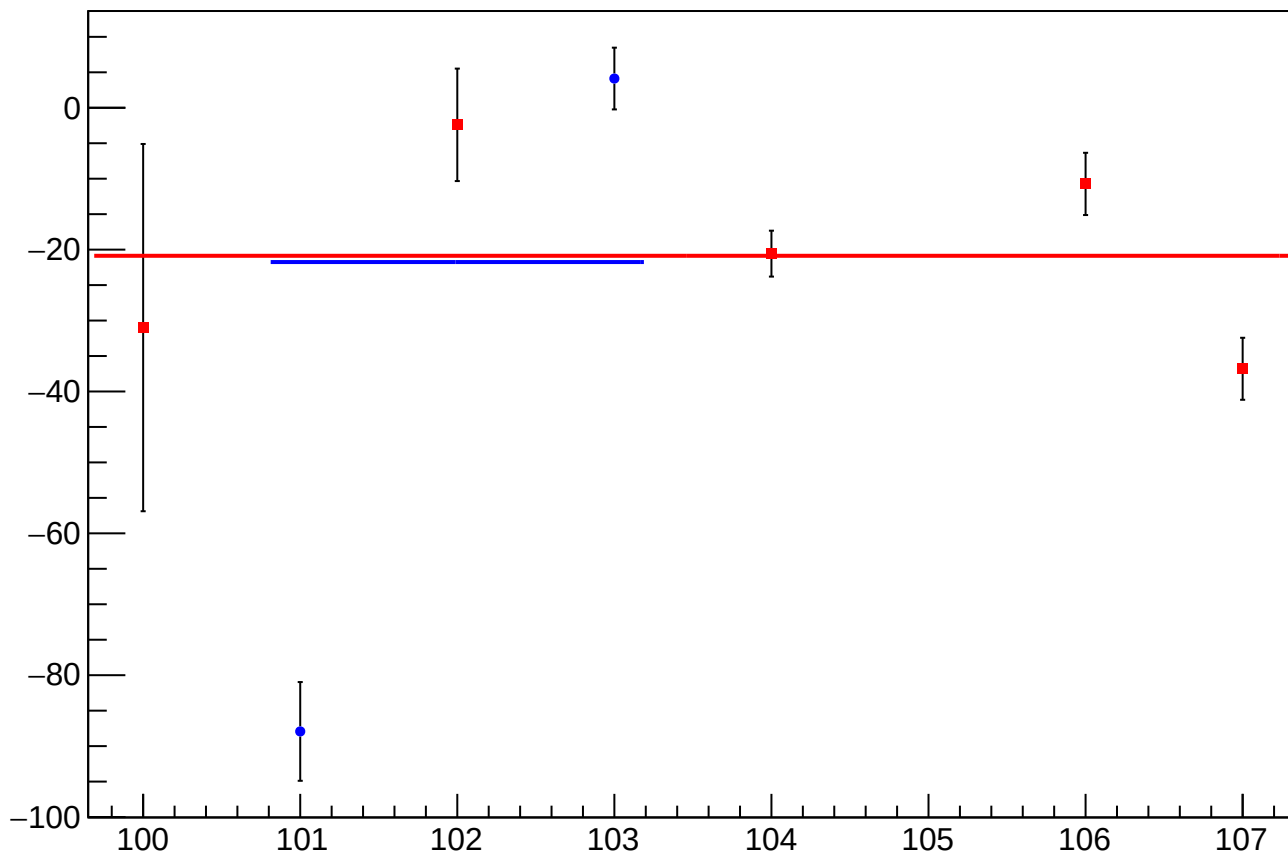
Right: -102.318+/-1.417 χ^2/NDF : 548.6/6

In: -111.843+/-2.433 χ^2/NDF : 386.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -102.318+/-1.417 χ^2/NDF : 548.6/6

reg_asym_usr_atr2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -21.751 $\pm$ 3.691 χ^2 /NDF: 125.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -20.869 $\pm$ 2.146 χ^2 /NDF: 24.2/4

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

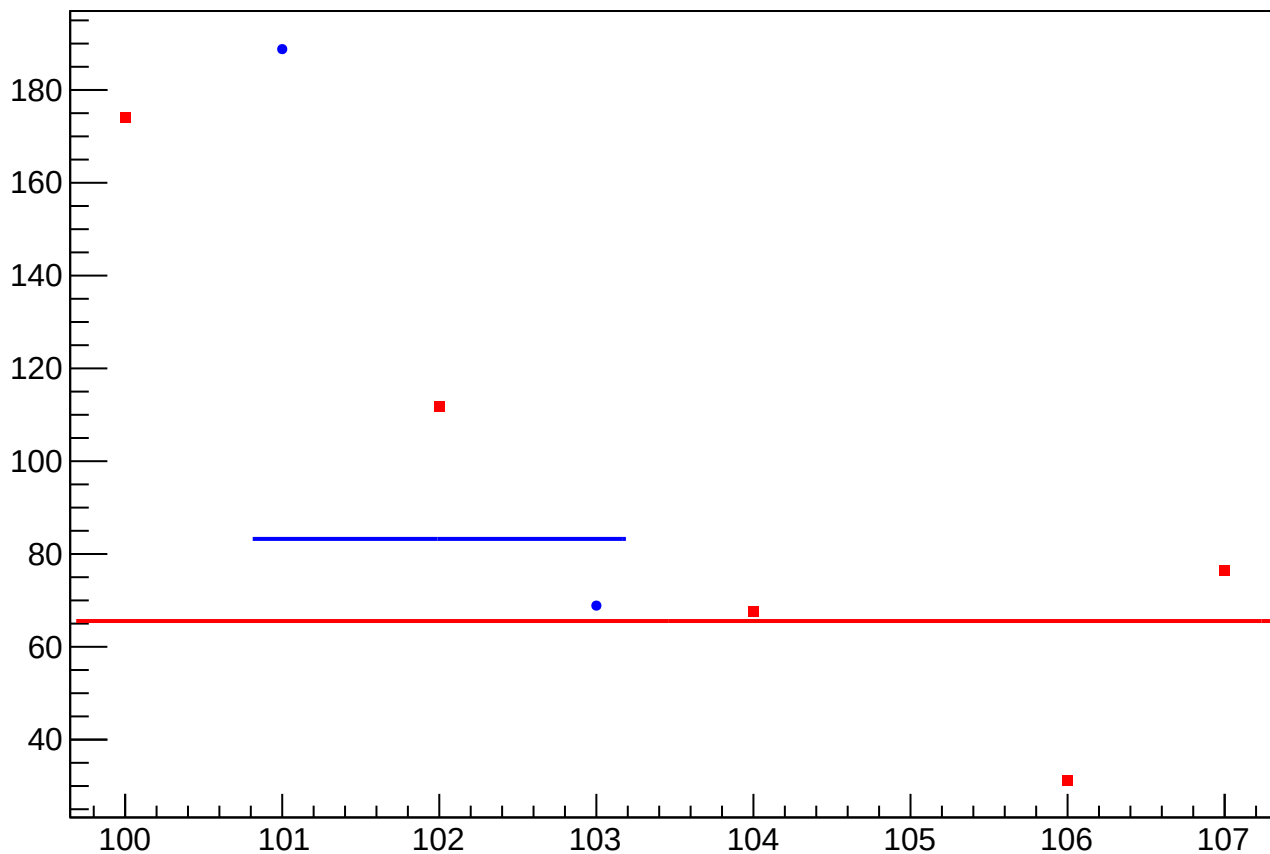
Right: -21.092 $\pm$ 1.855 χ^2 /NDF: 150.0/6

In: -21.751 $\pm$ 3.691 χ^2 /NDF: 125.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -21.092 $\pm$ 1.855 χ^2 /NDF: 150.0/6

reg_asym_usr_atr2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 83.254+/-0.108 χ^2/NDF : 130194.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.558+/-0.080 χ^2/NDF : 118049.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

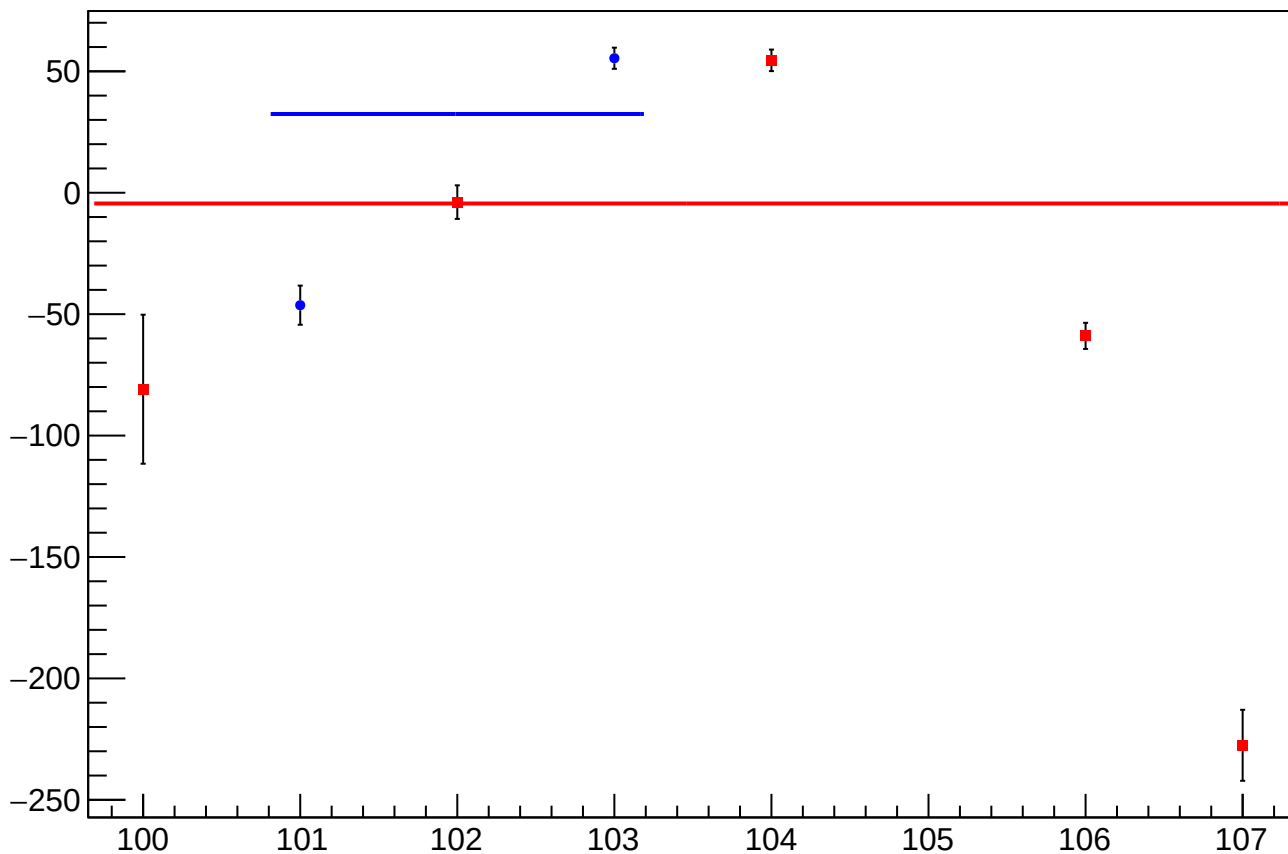
Right: 71.856+/-0.064 χ^2/NDF : 265550.1/6

In: 83.254+/-0.108 χ^2/NDF : 130194.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.856+/-0.064 χ^2/NDF : 265550.1/6

reg_asym_us_avg_at1lr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 32.428+/-3.828 χ^2/NDF : 123.3/1

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

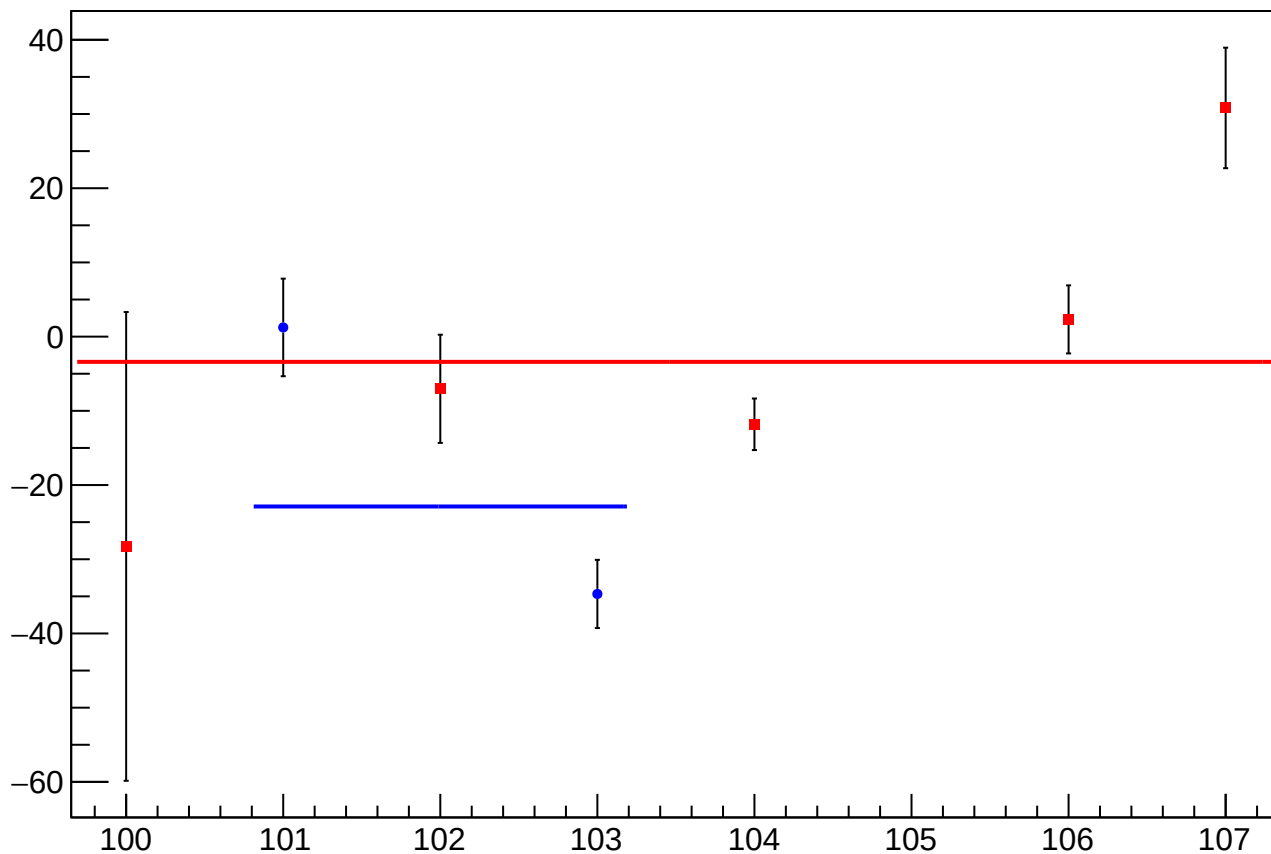
Right: 9.515+/-2.355 χ^2/NDF : 699.5/6

In: 32.428+/-3.828 χ^2/NDF : 123.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.515+/-2.355 χ^2/NDF : 699.5/6

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -22.888 $\pm$ 3.767 χ^2 /NDF: 20.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.399 $\pm$ 2.458 χ^2 /NDF: 26.1/4

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

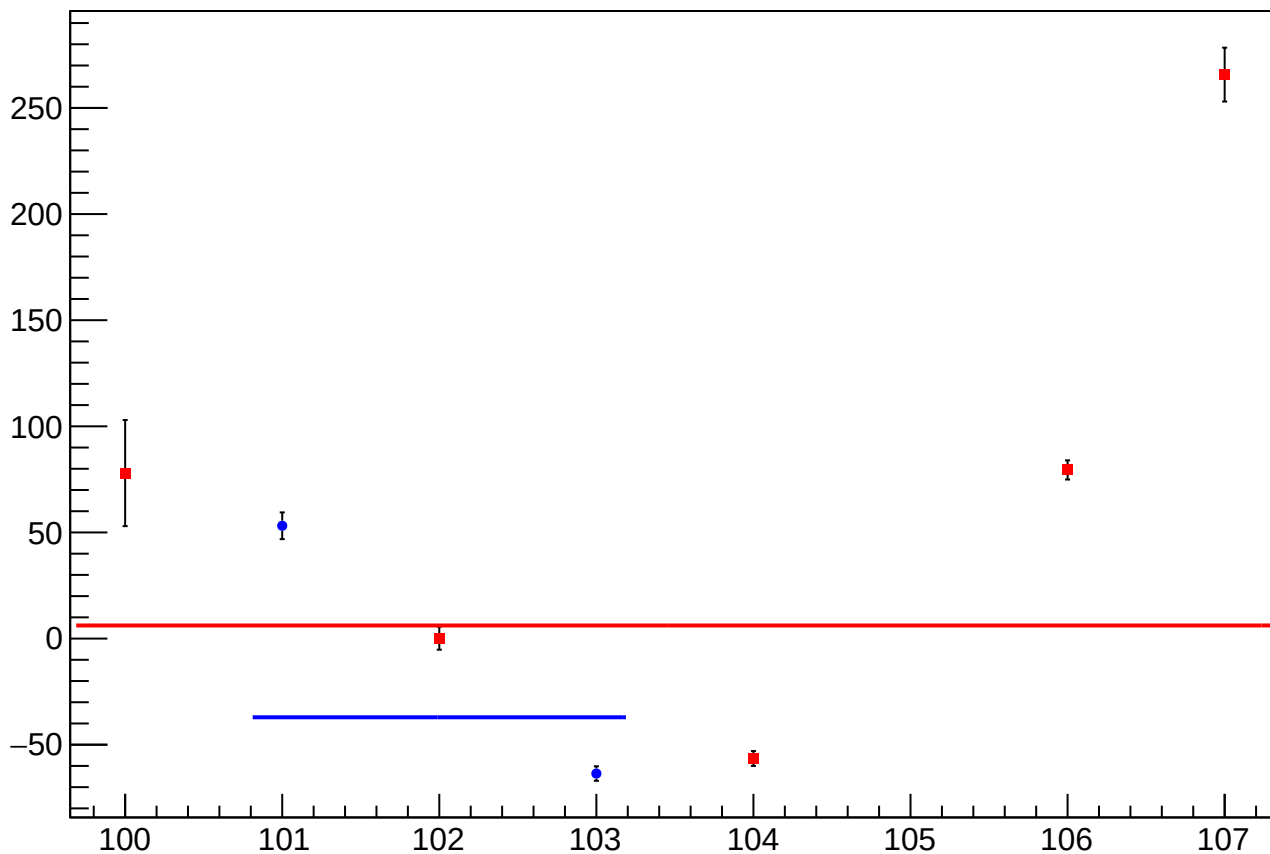
Right: -9.220 $\pm$ 2.059 χ^2 /NDF: 64.9/6

In: -22.888 $\pm$ 3.767 χ^2 /NDF:20.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -9.220 $\pm$ 2.059 χ^2 /NDF: 64.9/6

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -37.081+/-3.003 χ^2/NDF : 265.2/1

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

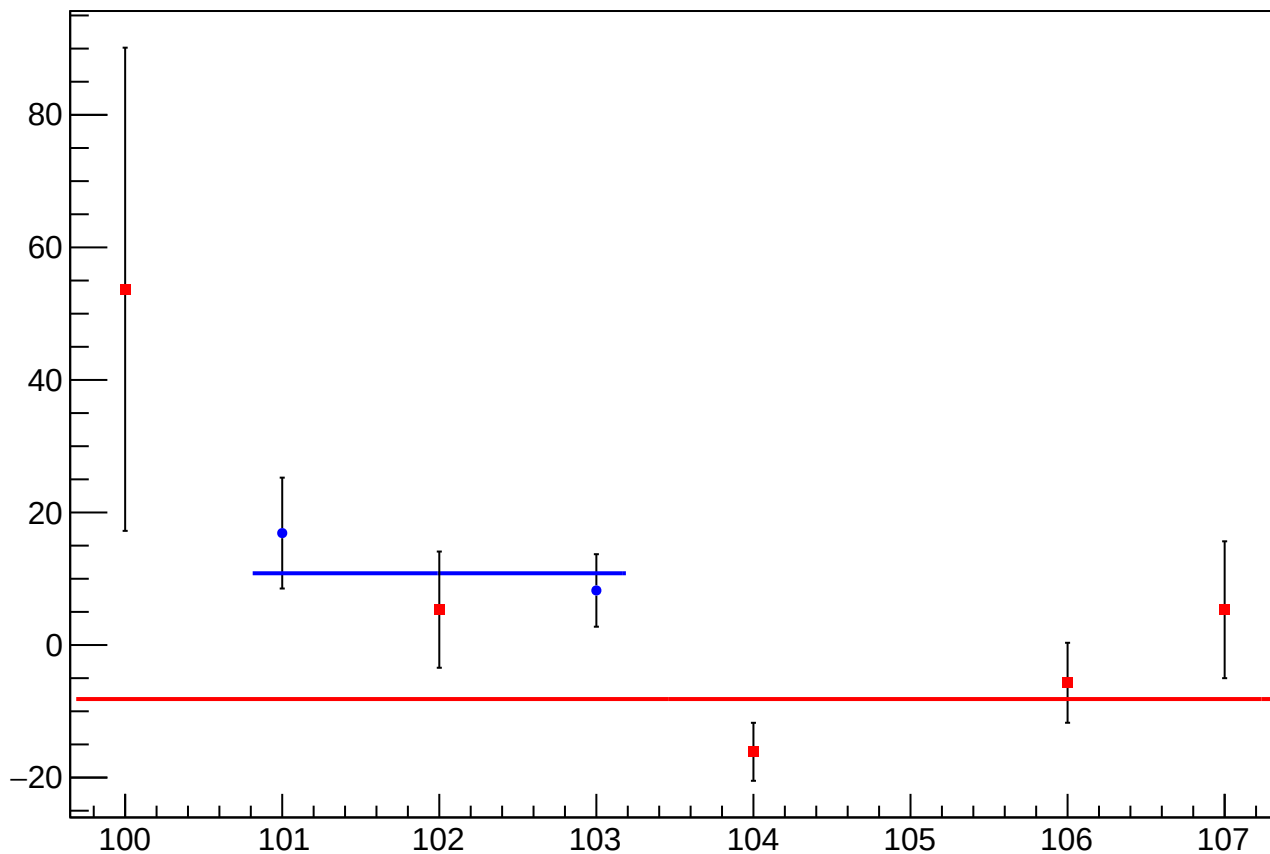
Right: -10.740+/-1.878 χ^2/NDF : 1404.0/6

In: -37.081+/-3.003 χ^2/NDF : 265.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.740+/-1.878 χ^2/NDF : 1404.0/6

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.827+/-4.578 χ^2/NDF : 0.8/1

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

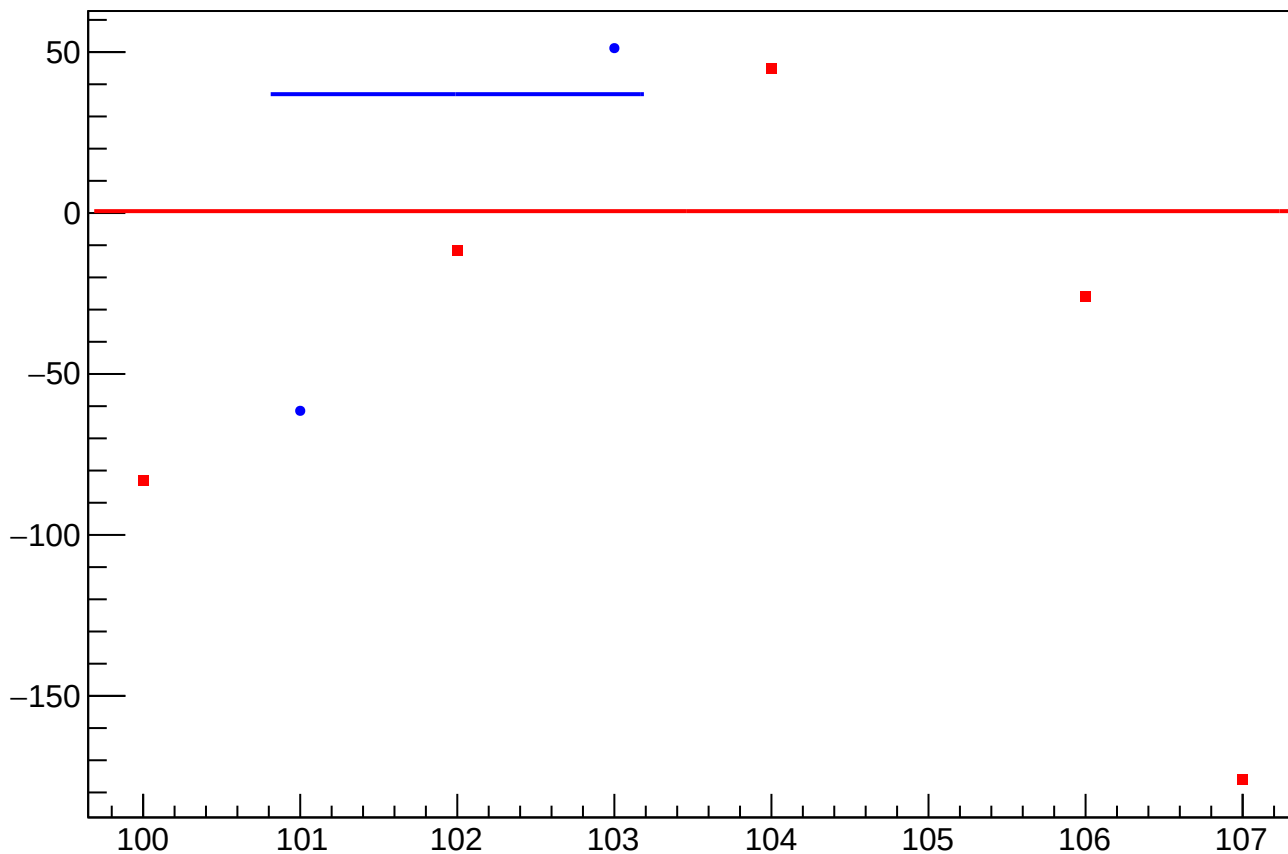
Right: -2.137+/-2.577 χ^2/NDF : 22.9/6

In: 10.827+/-4.578 χ^2/NDF : 0.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.137+/-2.577 χ^2/NDF : 22.9/6

reg_asym_us_avg_at1lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 36.926+/-0.133 χ^2/NDF : 79617.8/1

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

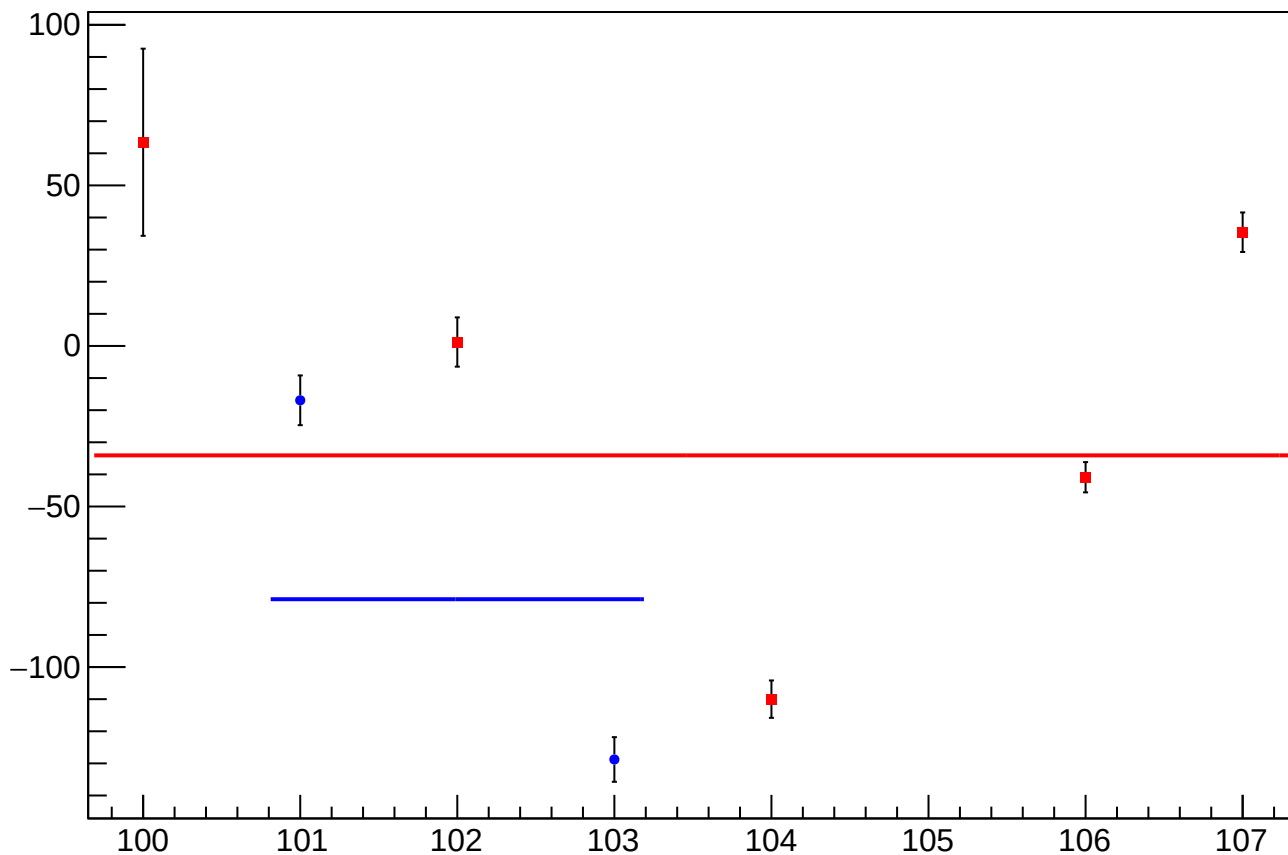
Right: 15.336+/-0.085 χ^2/NDF : 335083.4/6

In: 36.926+/-0.133 χ^2/NDF : 79617.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.336+/-0.085 χ^2/NDF : 335083.4/6

reg_asym_us_avg_at1lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -78.875+/-5.174 χ^2/NDF : 115.5/1

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

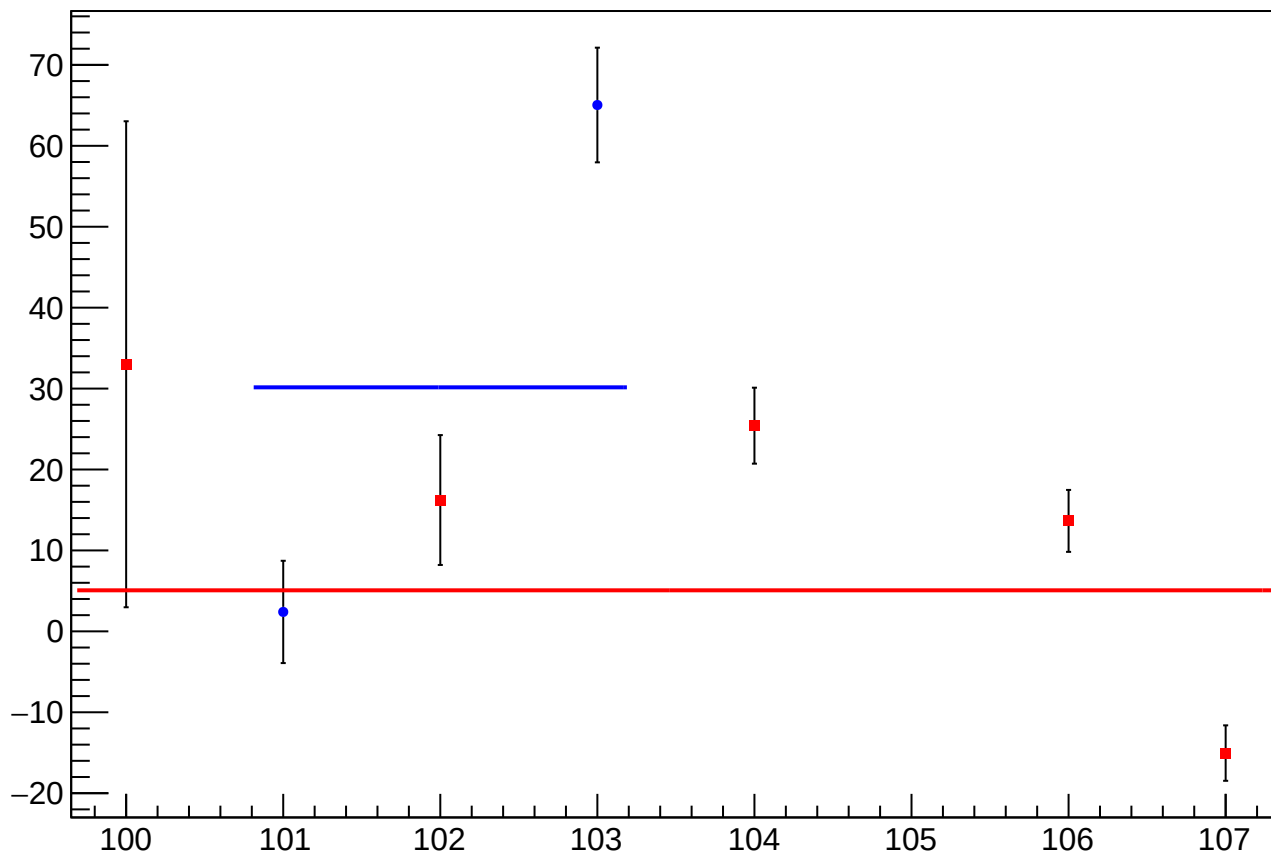
Right: -44.777+/-2.529 χ^2/NDF : 504.5/6

In: -78.875+/-5.174 χ^2/NDF : 115.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.777+/-2.529 χ^2/NDF : 504.5/6

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 30.154+/-4.717 χ^2/NDF : 43.5/1

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

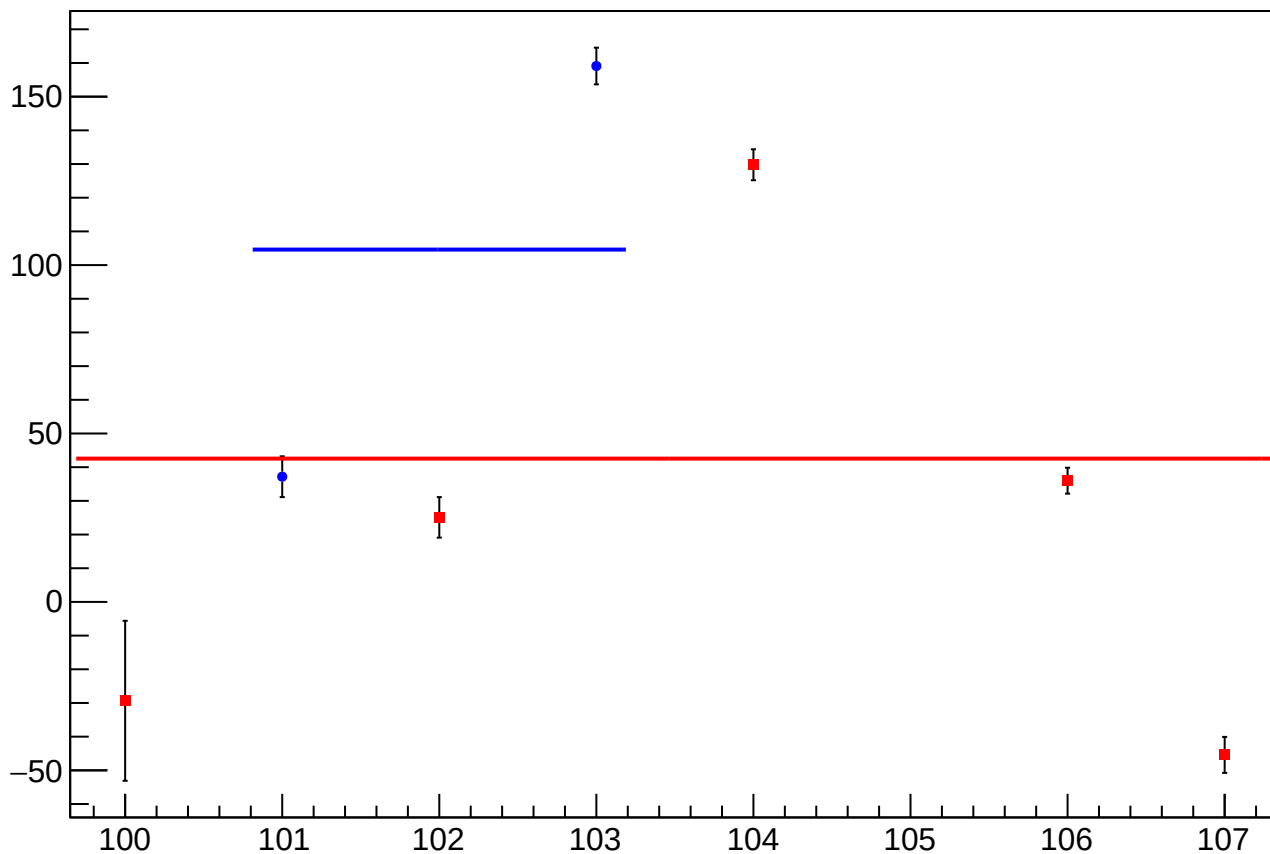
Right: 9.400+/-1.959 χ^2/NDF : 128.0/6

In: 30.154+/-4.717 χ^2/NDF : 43.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.400+/-1.959 χ^2/NDF : 128.0/6

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 104.603 $\pm$ 4.050 χ^2 /NDF: 224.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 42.547 $\pm$ 2.361 χ^2 /NDF: 652.3/4

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

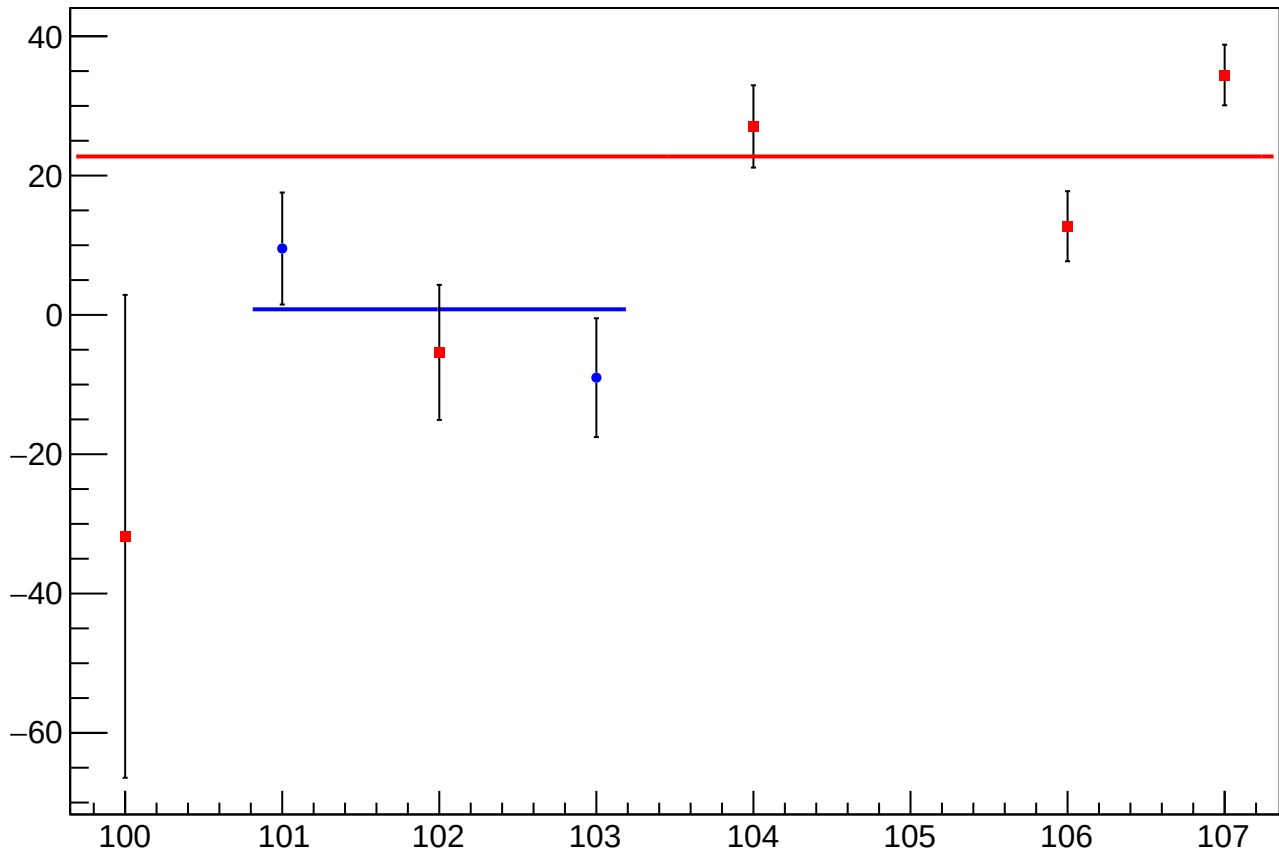
Right: 58.280 $\pm$ 2.039 χ^2 /NDF: 1051.5/6

In: 104.603 $\pm$ 4.050 χ^2 /NDF: 224.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 58.280 $\pm$ 2.039 χ^2 /NDF: 1051.5/6

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.803+/-5.850 χ^2/NDF : 2.5/1

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

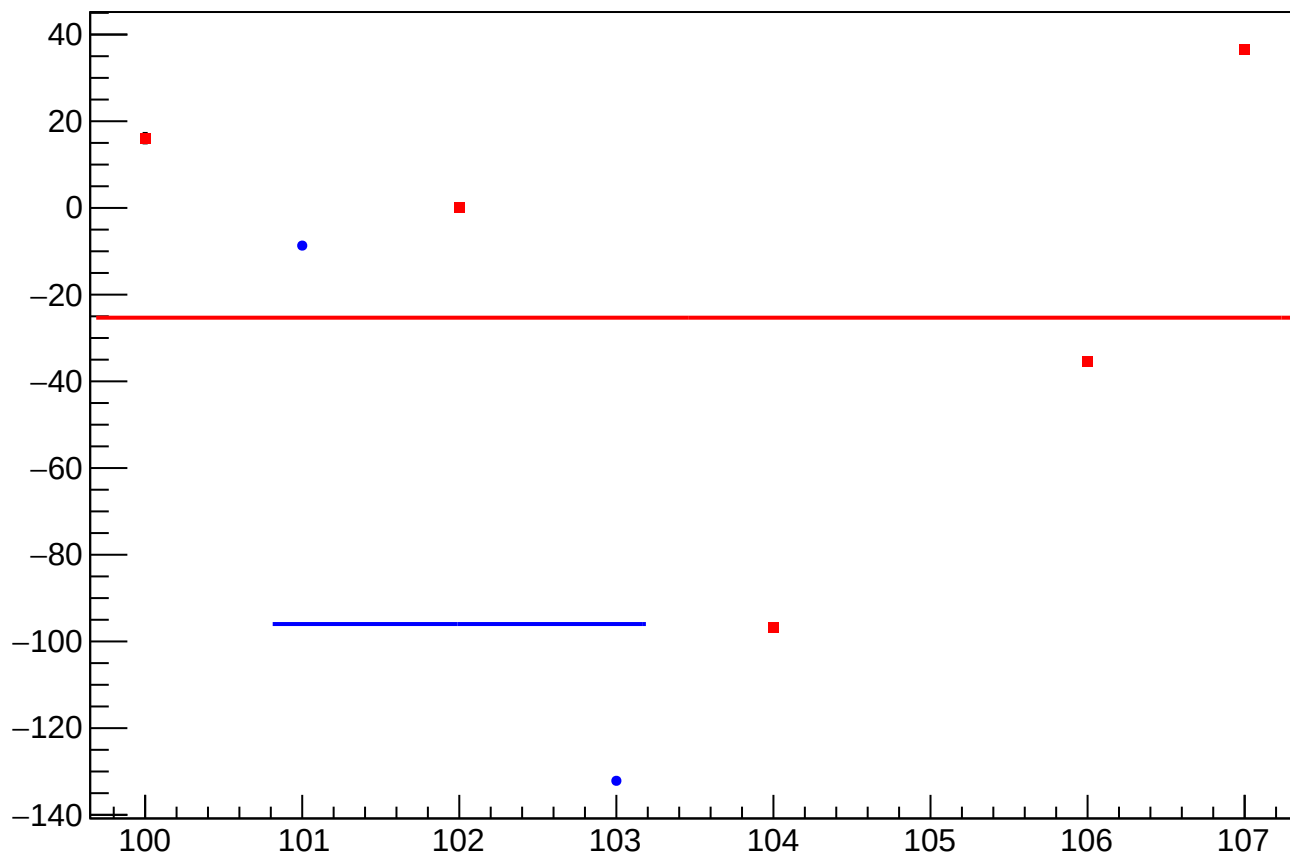
Right: 18.773+/-2.488 χ^2/NDF : 36.6/6

In: 0.803+/-5.850 χ^2/NDF : 2.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.773+/-2.488 χ^2/NDF : 36.6/6

reg_asym_us_avg_at1lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -95.984+/-0.194 χ^2/NDF : 83869.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.316+/-0.108 χ^2/NDF : 197010.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

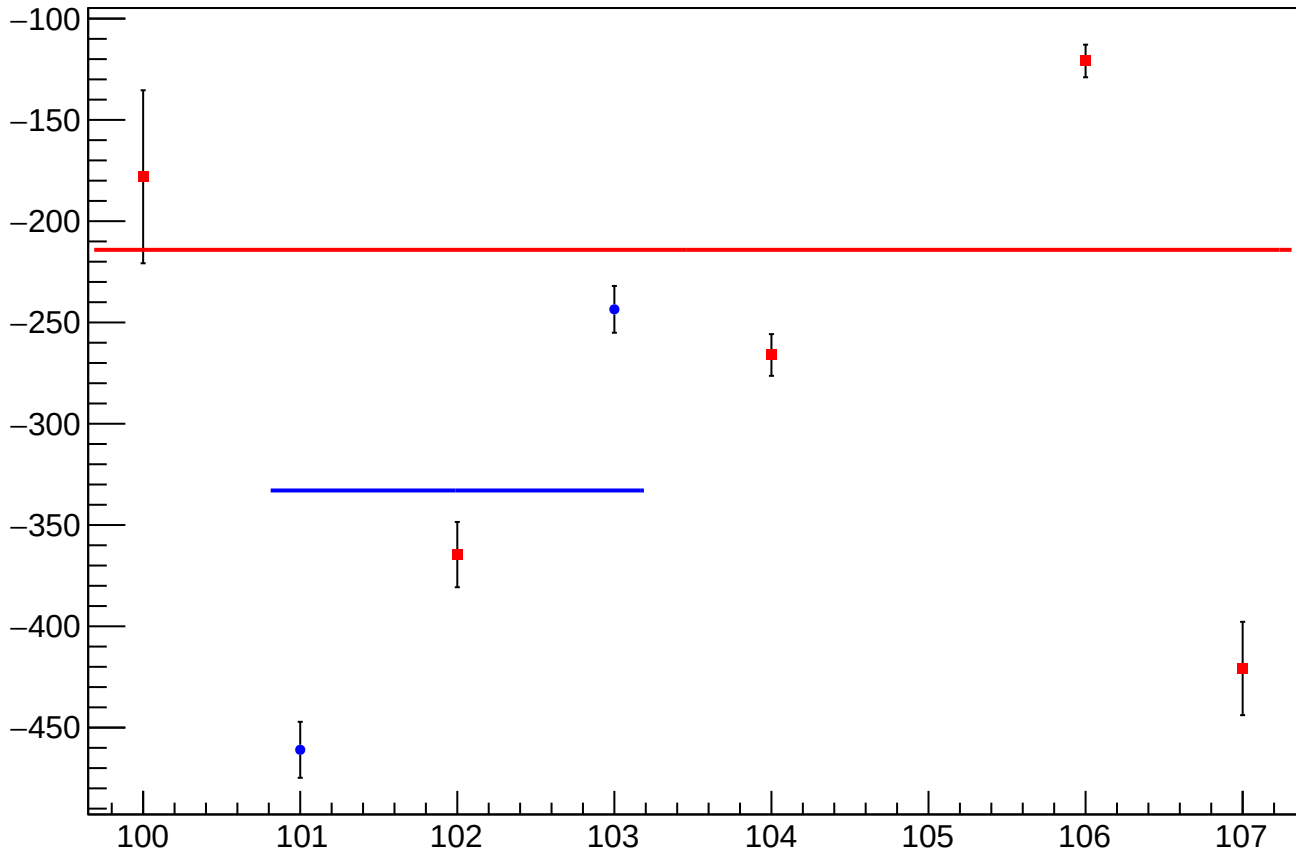
Right: -42.096+/-0.095 χ^2/NDF : 382052.4/6

In: -95.984+/-0.194 χ^2/NDF : 83869.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.096+/-0.095 χ^2/NDF : 382052.4/6

reg_asym_us_avg_at2lr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -332.948+/-8.861 χ^2/NDF : 145.8/1

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

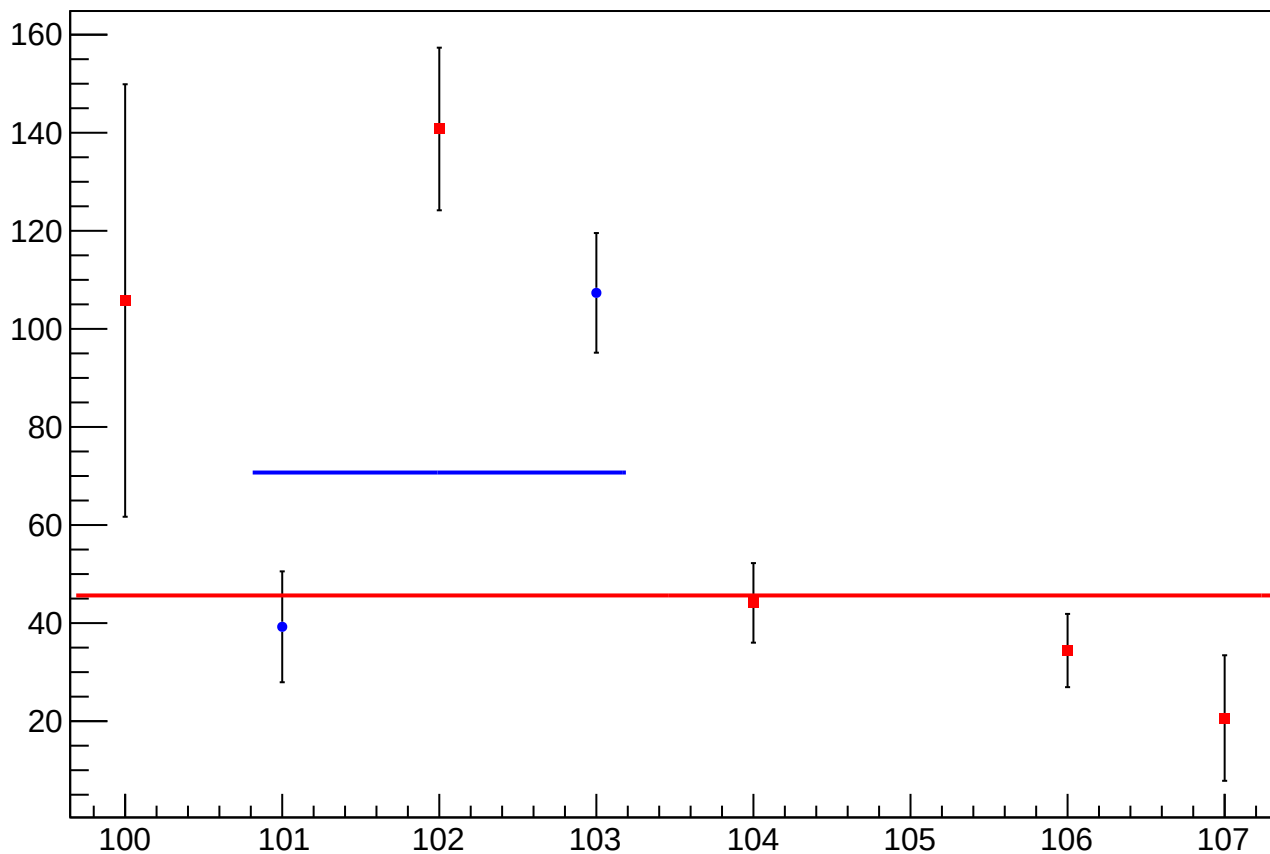
Right: -248.616+/-4.773 χ^2/NDF : 601.4/6

In: -332.948+/-8.861 χ^2/NDF : 145.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -248.616+/-4.773 χ^2/NDF : 601.4/6

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 70.707+/-8.293 χ^2 /NDF: 16.8/1

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

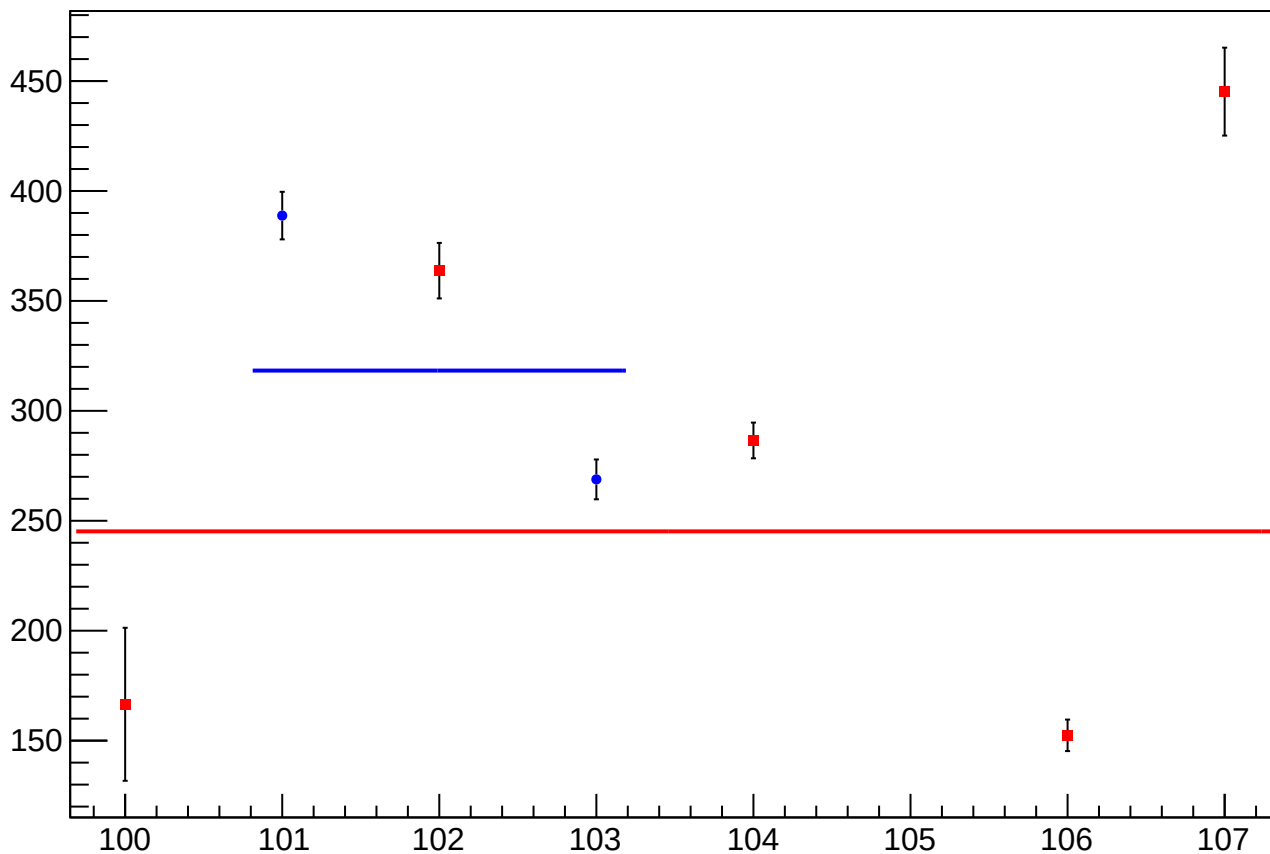
Right: 51.933+/-4.156 χ^2 /NDF: 64.5/6

In: 70.707+/-8.293 χ^2 /NDF:16.8/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 51.933+/-4.156 χ^2 /NDF: 64.5/6

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 318.314+/-6.946 χ^2/NDF : 72.3/1

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

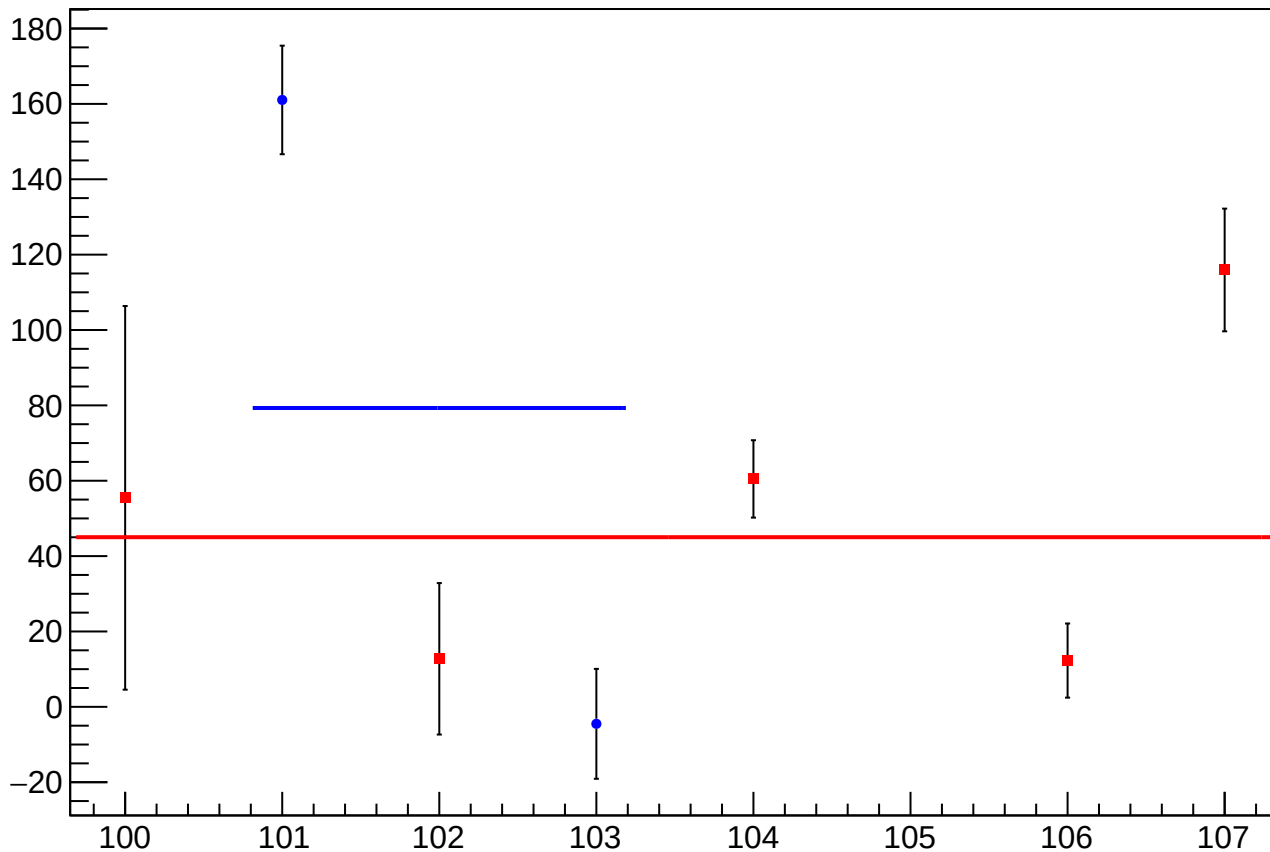
Right: 268.514+/-3.923 χ^2/NDF : 534.7/6

In: 318.314+/-6.946 χ^2/NDF : 72.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 268.514+/-3.923 χ^2/NDF : 534.7/6

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 79.308+/-10.248 χ^2/NDF : 65.2/1

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

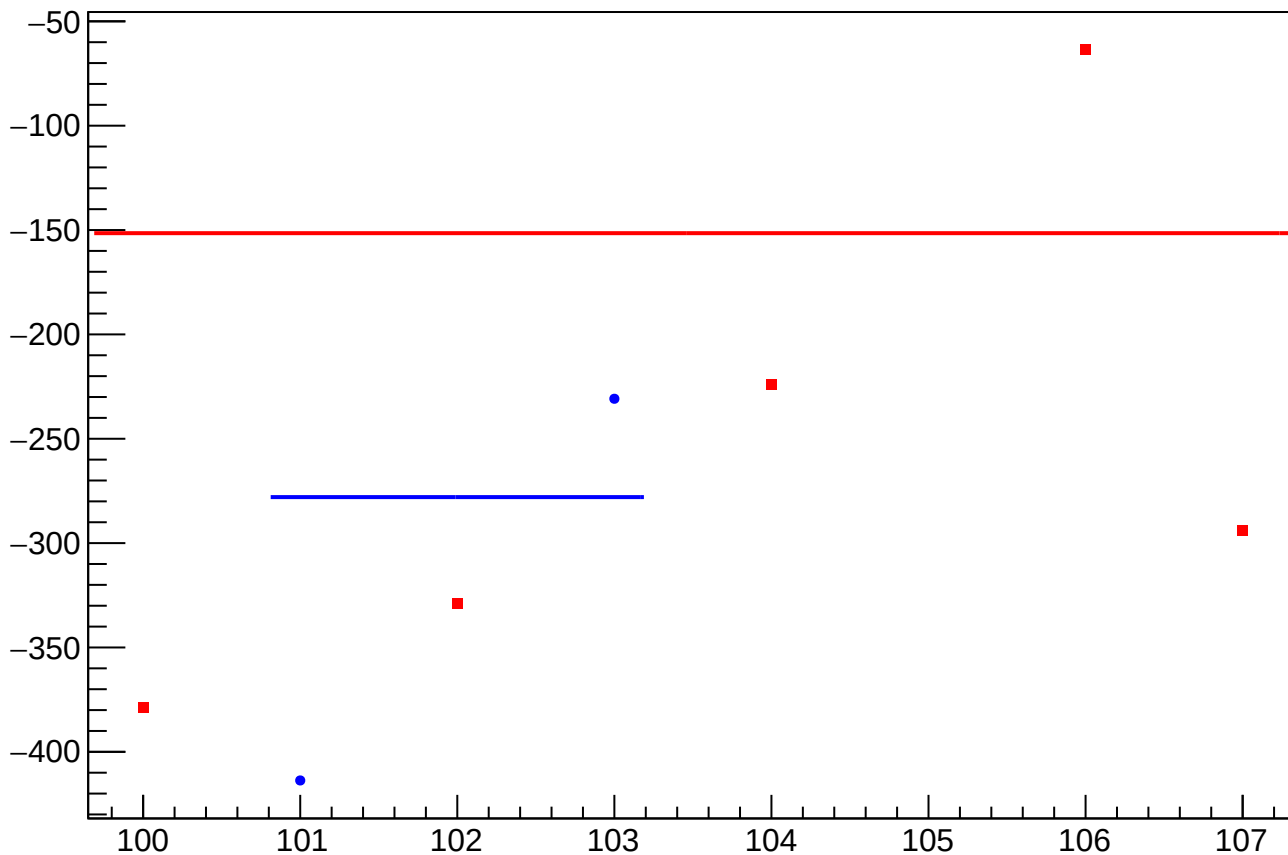
Right: 54.096+/-5.272 χ^2/NDF : 108.4/6

In: 79.308+/-10.248 χ^2/NDF : 65.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.096+/-5.272 χ^2/NDF : 108.4/6

reg_asym_us_avg_at2lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -277.953 ± 0.328 χ^2/NDF : 59556.2/1

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

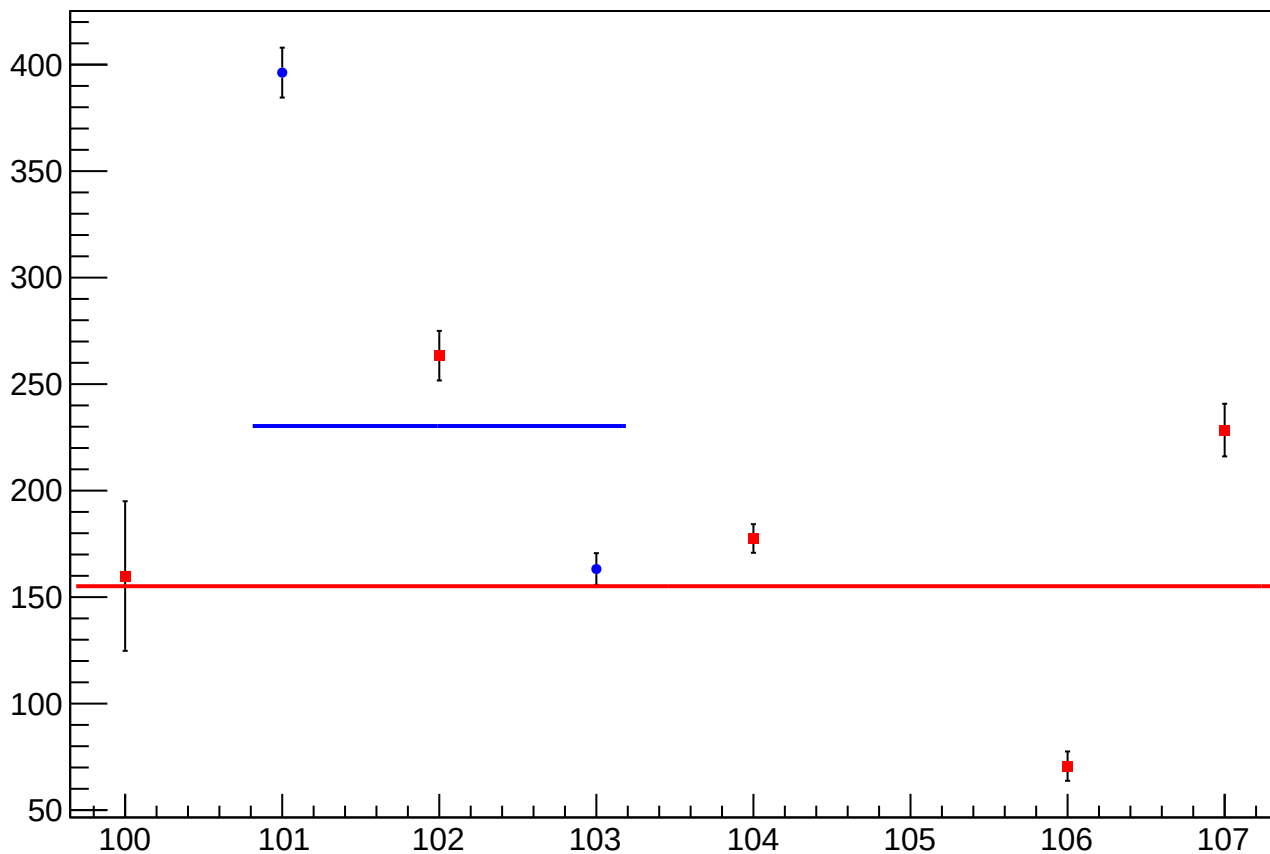
Right: -184.032 ± 0.166 χ^2/NDF : 474334.5/6

In: -277.953 ± 0.328 χ^2/NDF : 59556.2/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -184.032 ± 0.166 χ^2/NDF : 474334.5/6

reg_asym_us_avg_at2lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 230.327+/-6.285 χ^2/NDF : 282.0/1

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

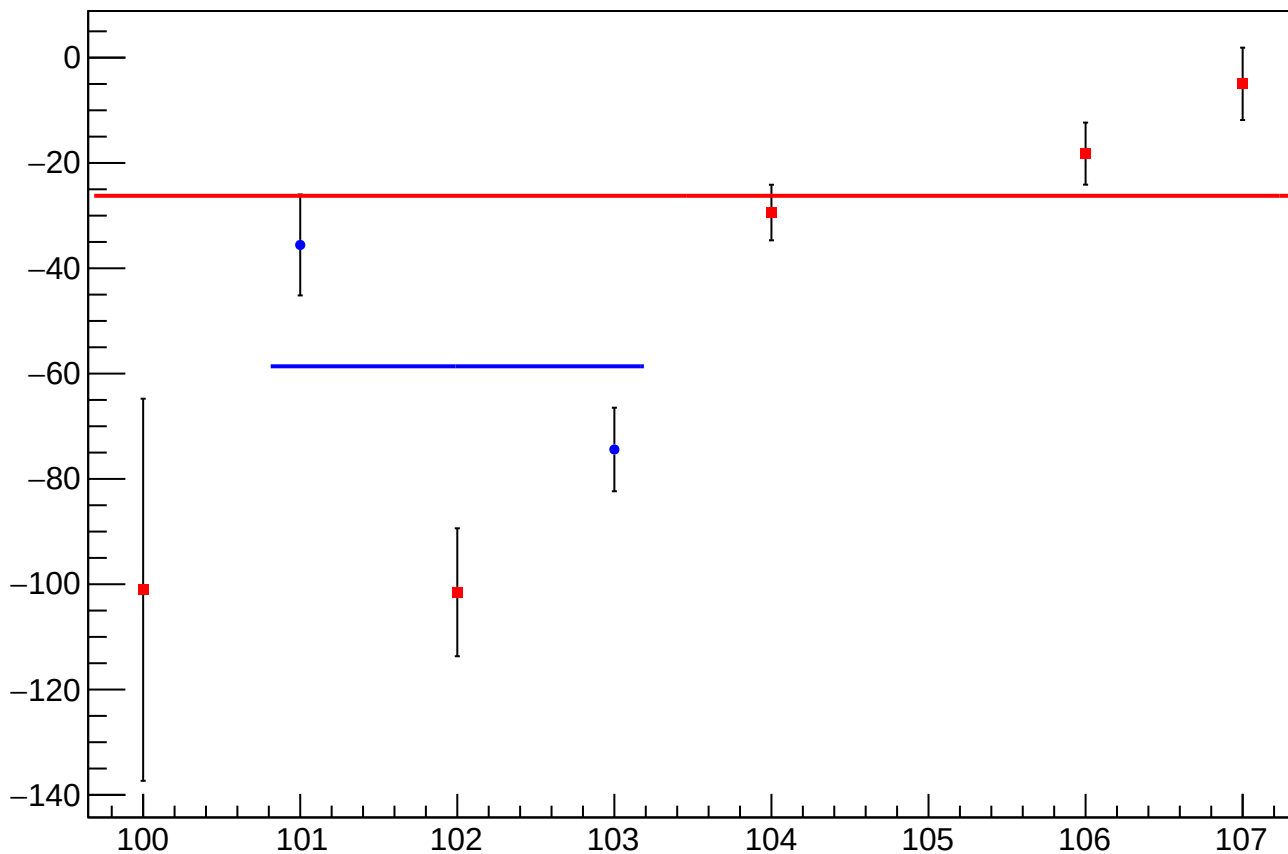
Right: 177.961+/-3.464 χ^2/NDF : 664.9/6

In: 230.327+/-6.285 χ^2/NDF : 282.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.961+/-3.464 χ^2/NDF : 664.9/6

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -58.615 $\pm$ 6.111 χ^2 /NDF: 9.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -26.234 $\pm$ 3.272 χ^2 /NDF: 54.4/4

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

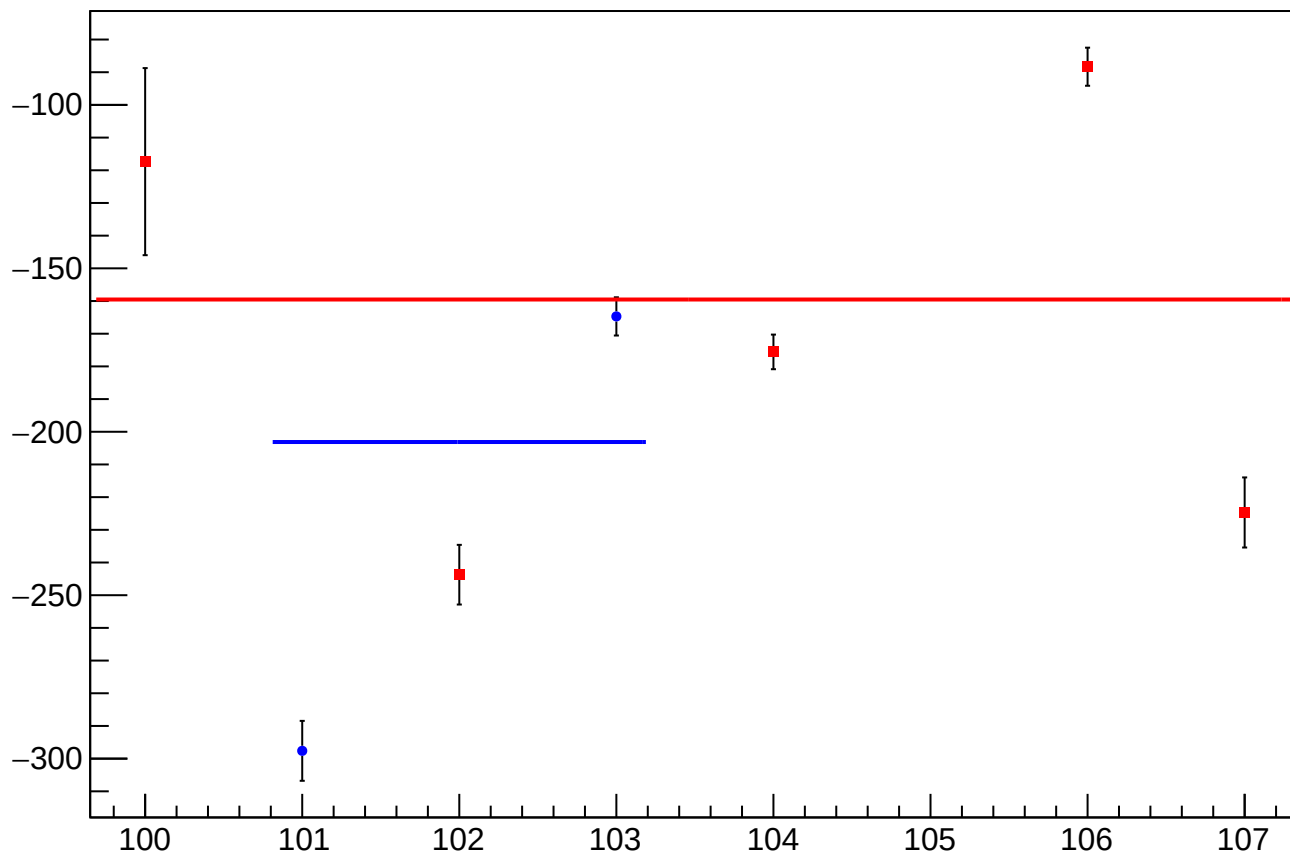
Right: -33.450 $\pm$ 2.885 χ^2 /NDF: 86.0/6

In: -58.615 $\pm$ 6.111 χ^2 /NDF: 9.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -33.450 $\pm$ 2.885 χ^2 /NDF: 86.0/6

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -203.133+/-4.929 χ^2/NDF : 149.5/1

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

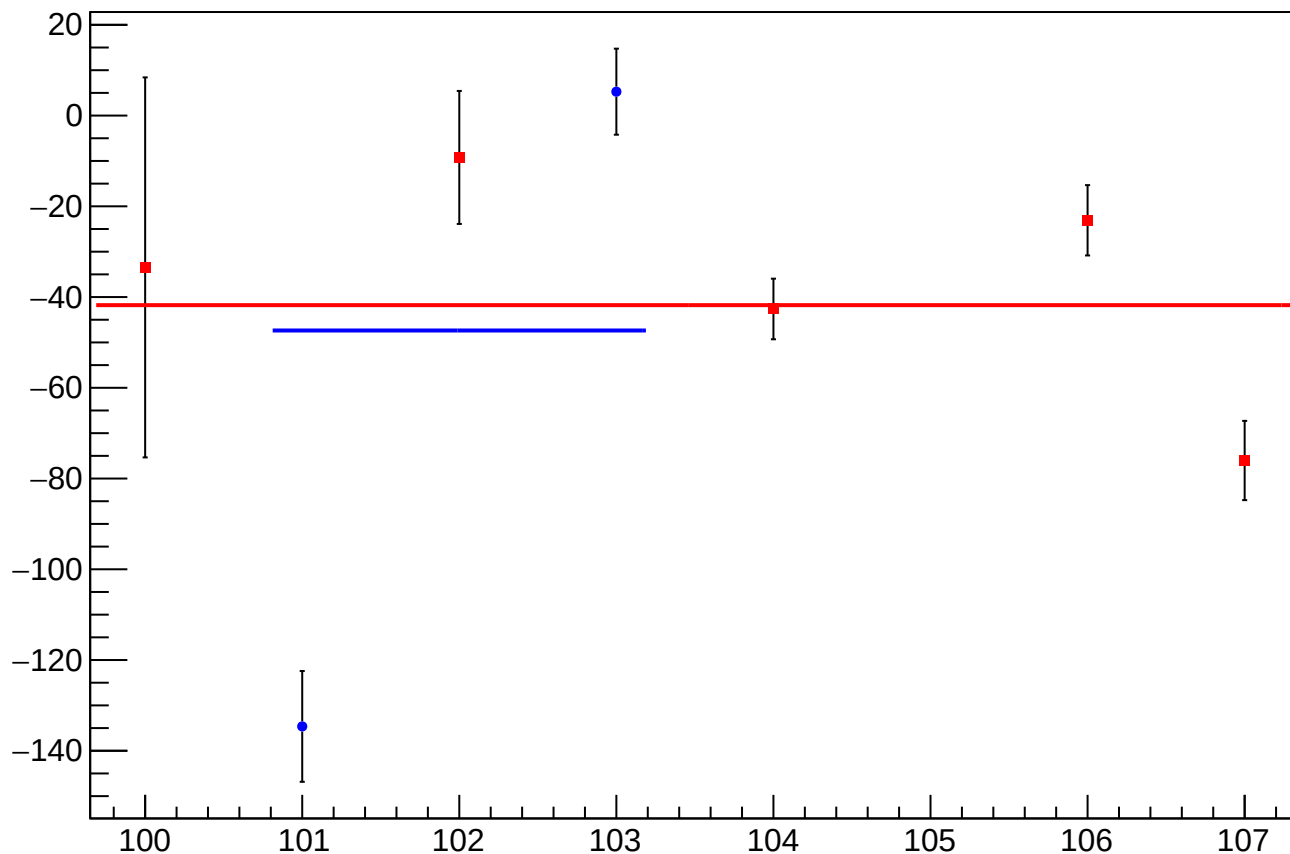
Right: -173.535+/-2.793 χ^2/NDF : 485.3/6

In: -203.133+/-4.929 χ^2/NDF : 149.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -173.535+/-2.793 χ^2/NDF : 485.3/6

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -47.369+/-7.487 χ^2/NDF : 81.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -41.784+/-4.174 χ^2/NDF : 26.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

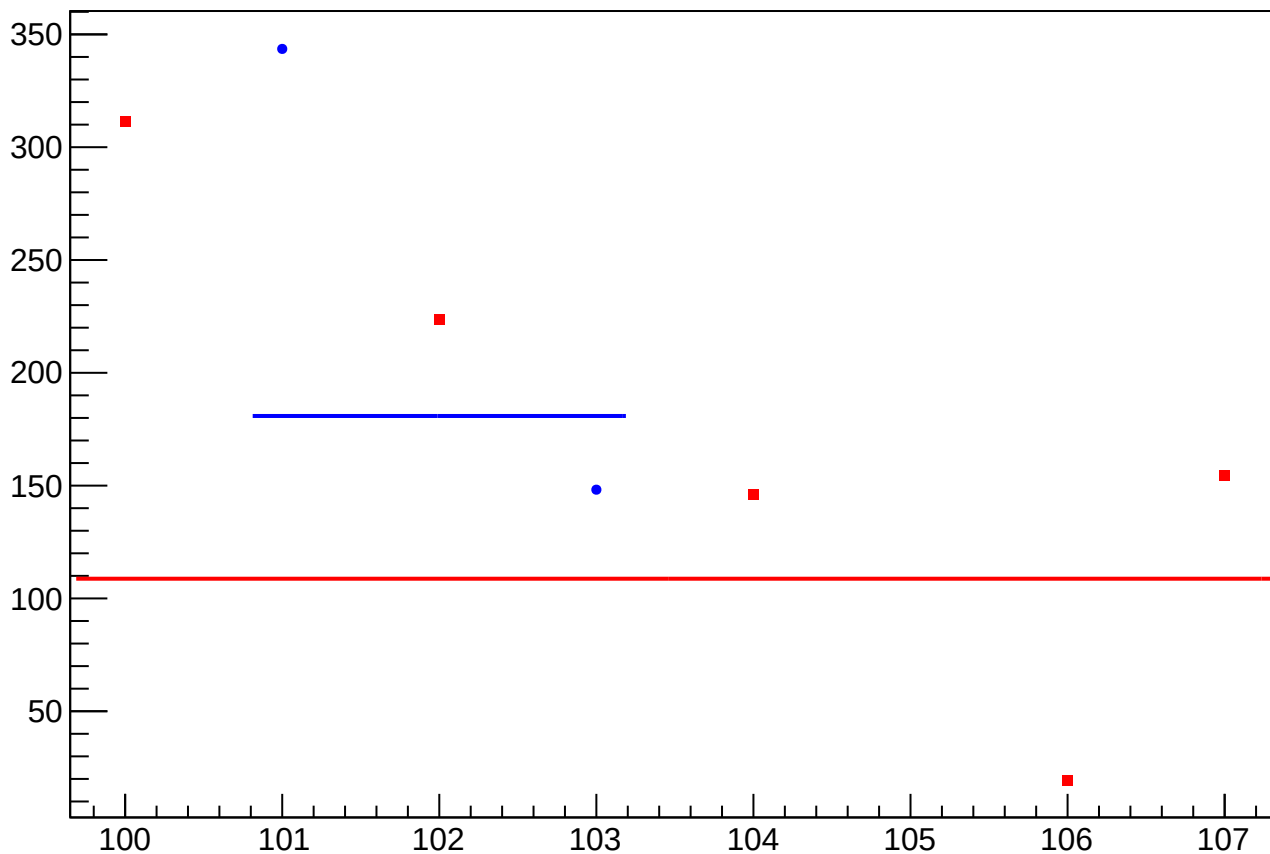
Right: -43.108+/-3.646 χ^2/NDF : 108.5/6

In: -47.369+/-7.487 χ^2/NDF : 81.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -43.108+/-3.646 χ^2/NDF : 108.5/6

reg_asym_us_avg_at2lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 180.869+/-0.224 χ^2/NDF : 106145.6/1

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

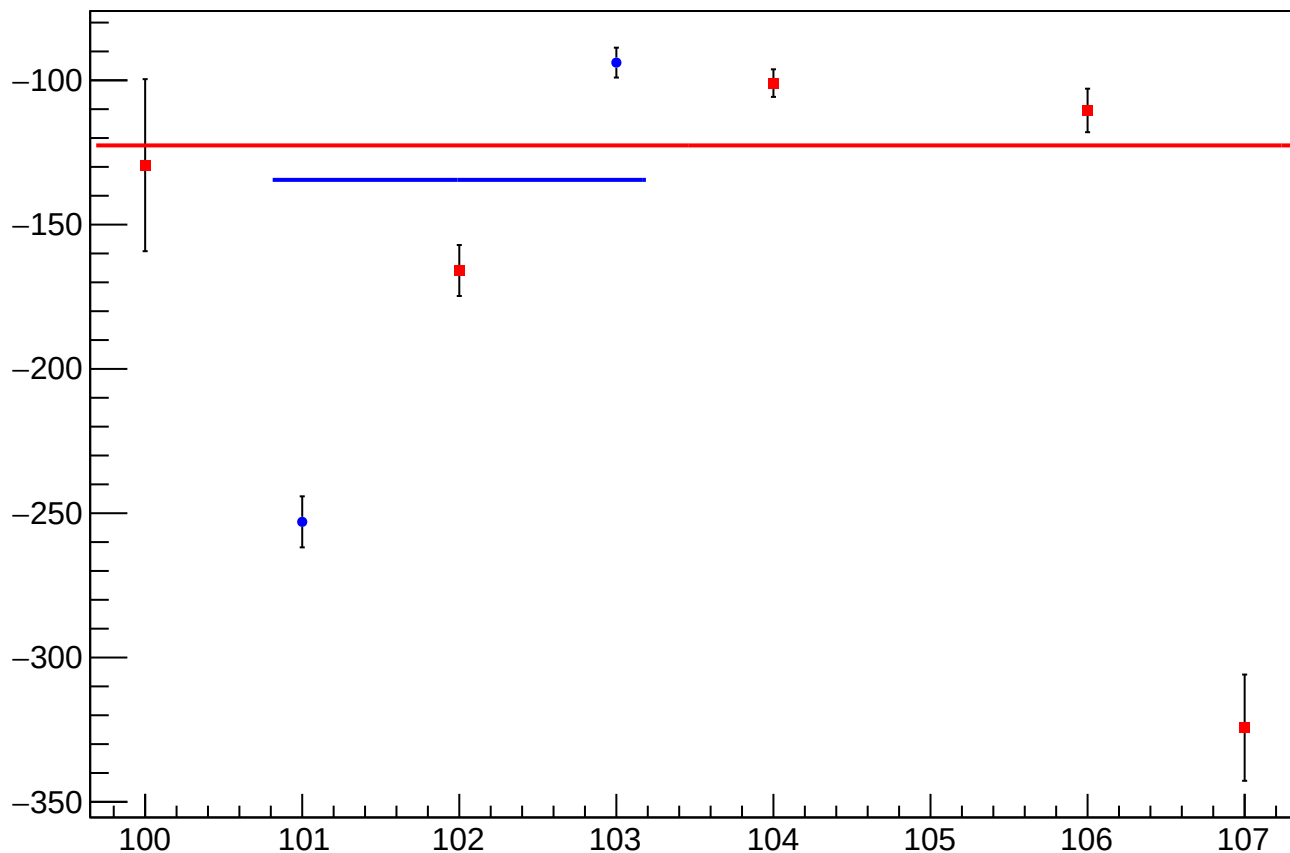
Right: 130.616+/-0.123 χ^2/NDF : 463497.3/6

In: 180.869+/-0.224 χ^2/NDF : 106145.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.616+/-0.123 χ^2/NDF : 463497.3/6

reg_asym_us_avg_atlr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -134.494+/-4.467 χ^2/NDF : 241.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -122.558+/-3.574 χ^2/NDF : 167.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

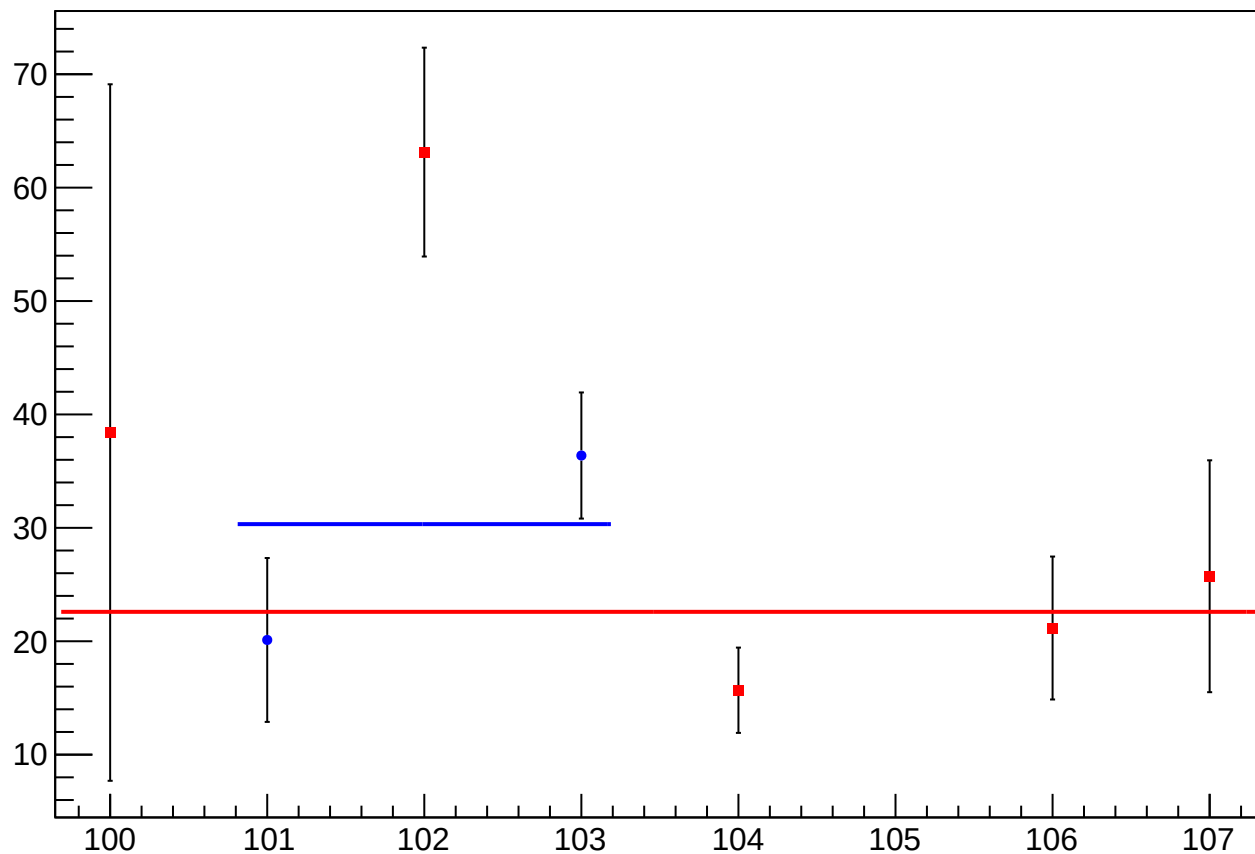
Right: -127.217+/-2.791 χ^2/NDF : 412.9/6

In: -134.494+/-4.467 χ^2/NDF : 241.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -127.217+/-2.791 χ^2/NDF : 412.9/6

reg_asym_us_avg_atlr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 30.328+/-4.407 χ^2 /NDF: 3.2/1

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

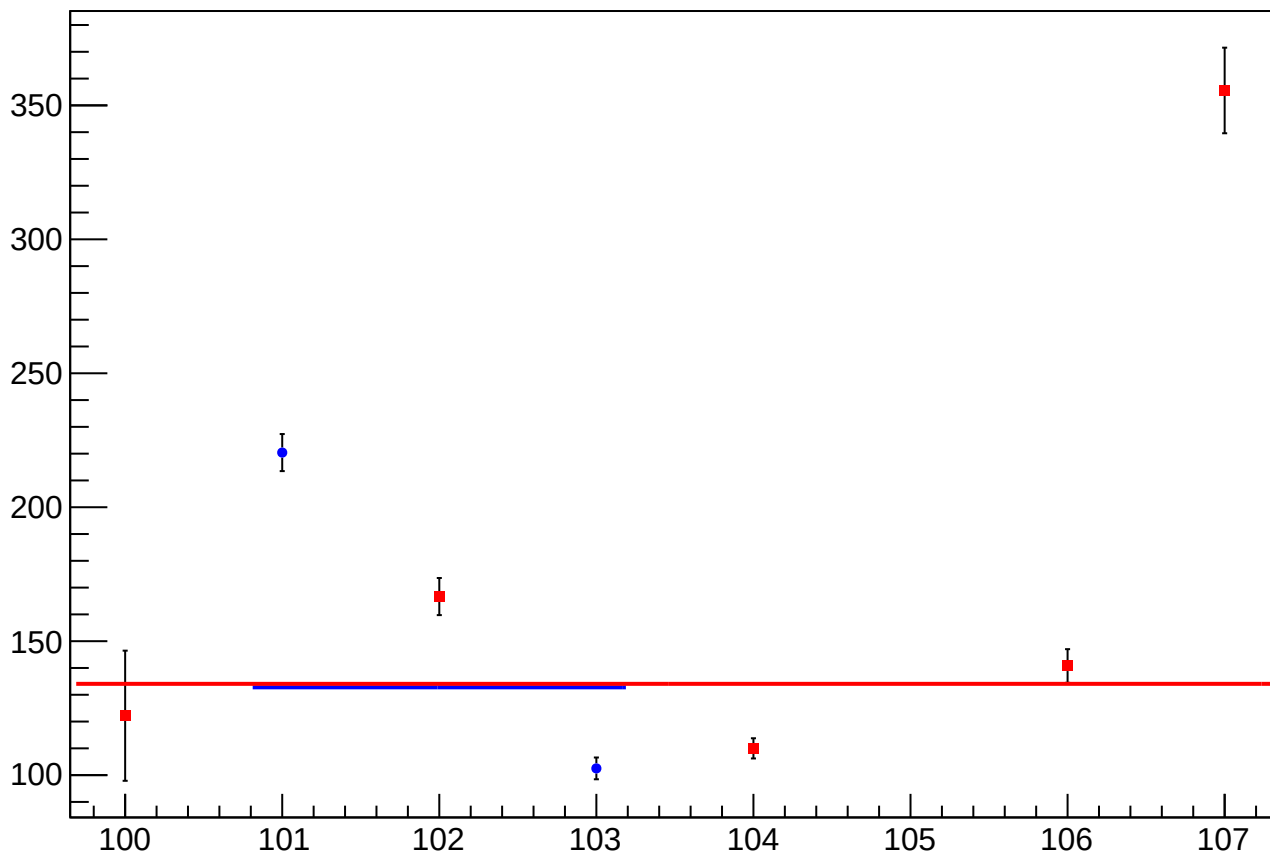
Right: 24.939+/-2.427 χ^2 /NDF: 28.5/6

In: 30.328+/-4.407 χ^2 /NDF: 3.2/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 24.939+/-2.427 χ^2 /NDF: 28.5/6

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 132.776+/-3.505 χ^2/NDF : 215.9/1

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

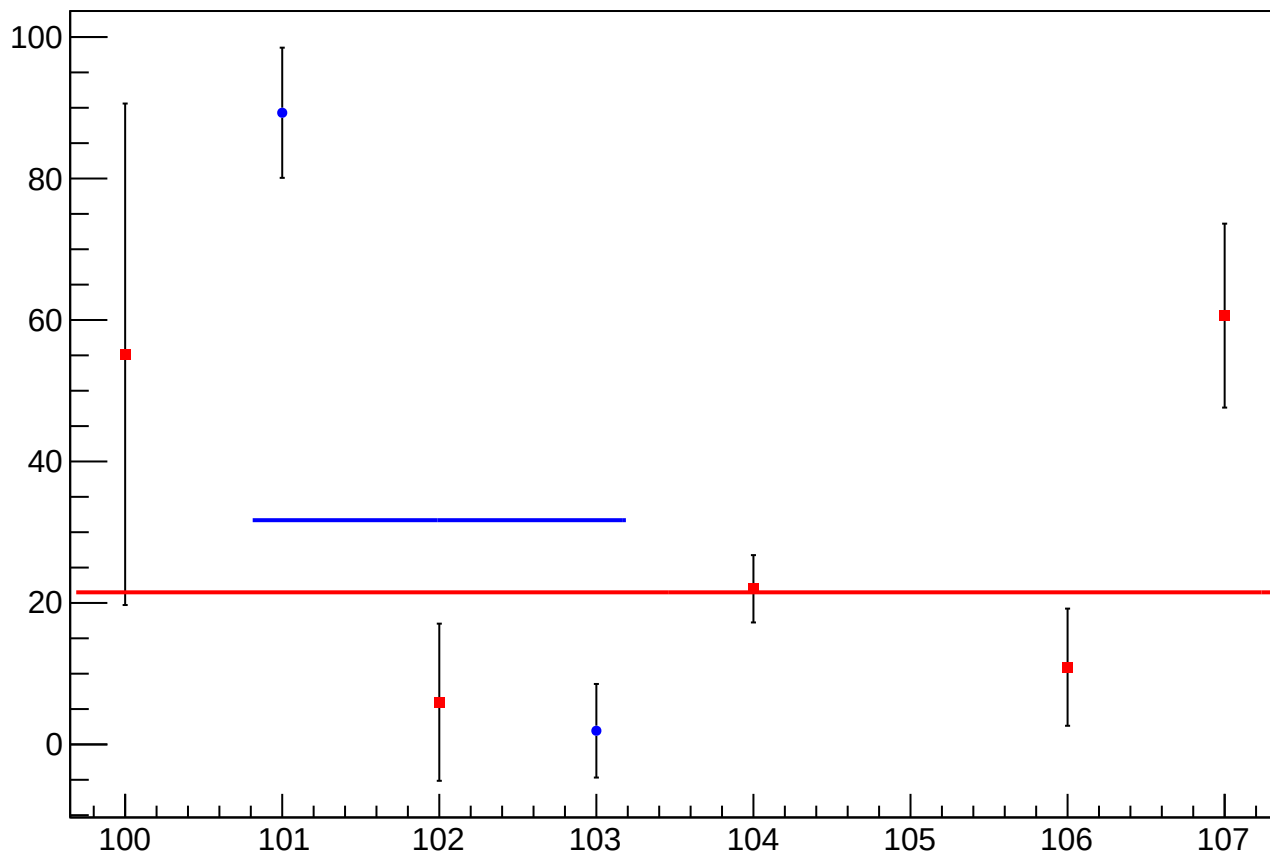
Right: 133.557+/-2.216 χ^2/NDF : 472.5/6

In: 132.776+/-3.505 χ^2/NDF : 215.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.557+/-2.216 χ^2/NDF : 472.5/6

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 31.699+/-5.371 χ^2/NDF : 59.4/1

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

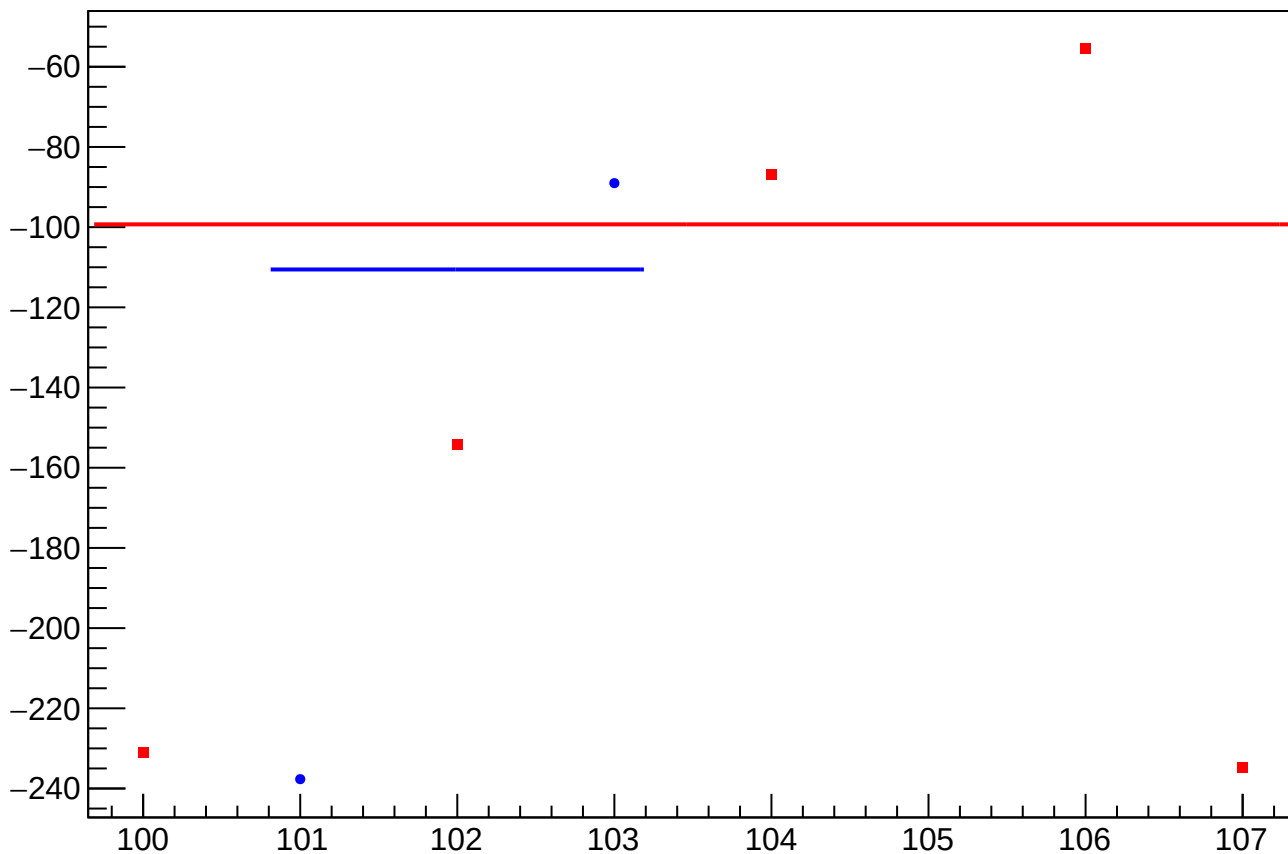
Right: 24.768+/-3.040 χ^2/NDF : 75.4/6

In: 31.699+/-5.371 χ^2/NDF : 59.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.768+/-3.040 χ^2/NDF : 75.4/6

reg_asym_us_avg_atlr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -110.552+/-0.157 χ^2/NDF : 111285.3/1

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

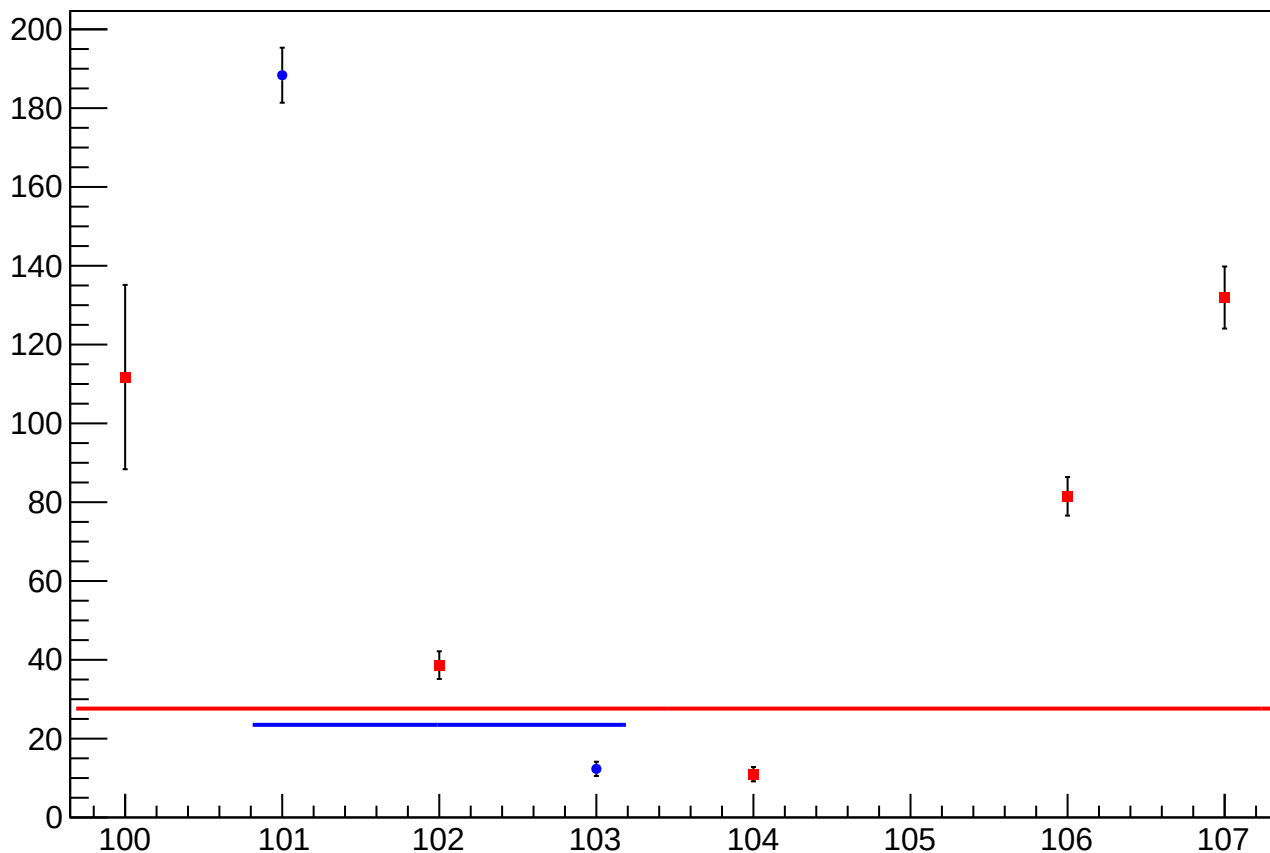
Right: -103.861+/-0.100 χ^2/NDF : 236375.4/6

In: -110.552+/-0.157 χ^2/NDF : 111285.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -103.861+/-0.100 χ^2/NDF : 236375.4/6

reg_asym_us_avg_atlr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 23.502+/-1.759 χ^2/NDF : 595.4/1

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

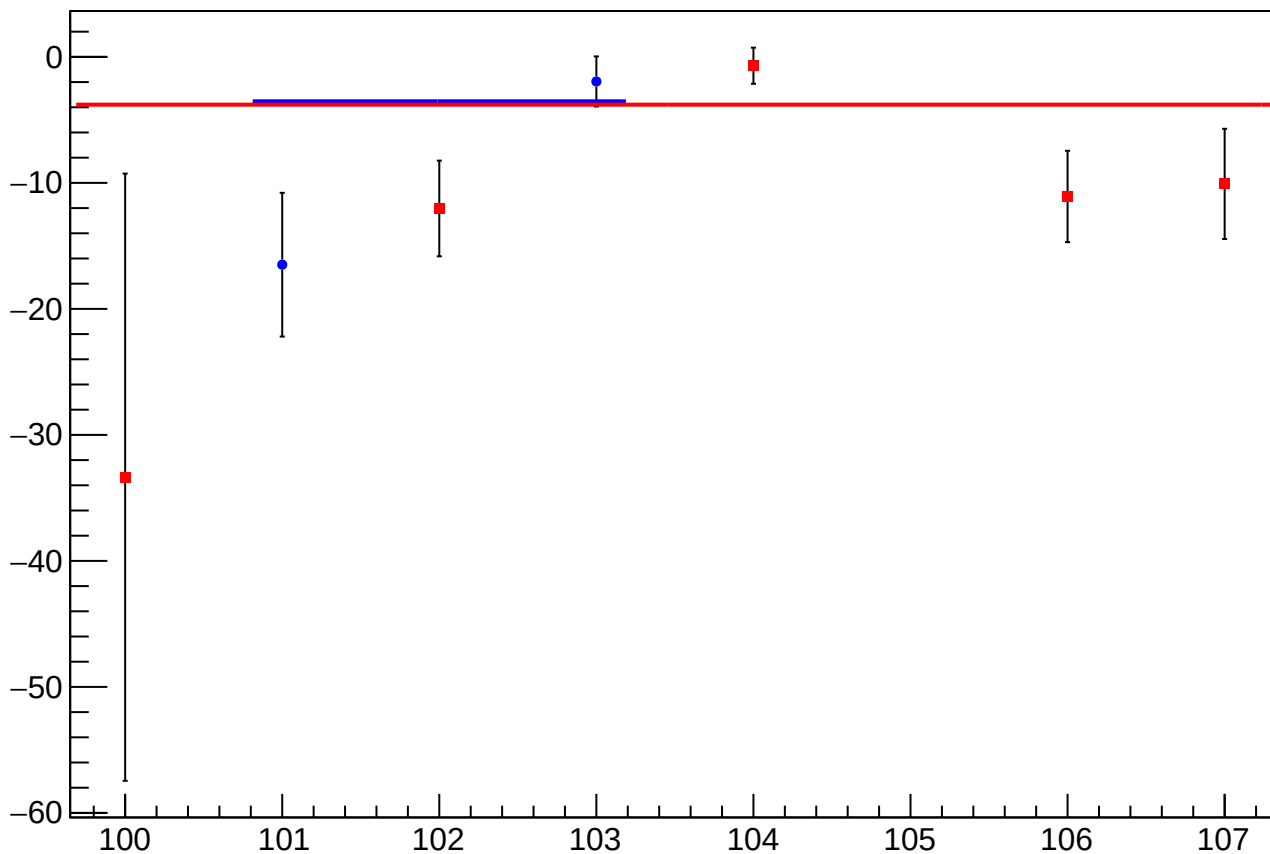
Right: 25.879+/-1.144 χ^2/NDF : 1001.2/6

In: 23.502+/-1.759 χ^2/NDF : 595.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.879+/-1.144 χ^2/NDF : 1001.2/6

reg_asym_us_avg_atlr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.527+/-1.878 χ^2 /NDF: 5.8/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -3.792+/-1.207 χ^2 /NDF: 17.0/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

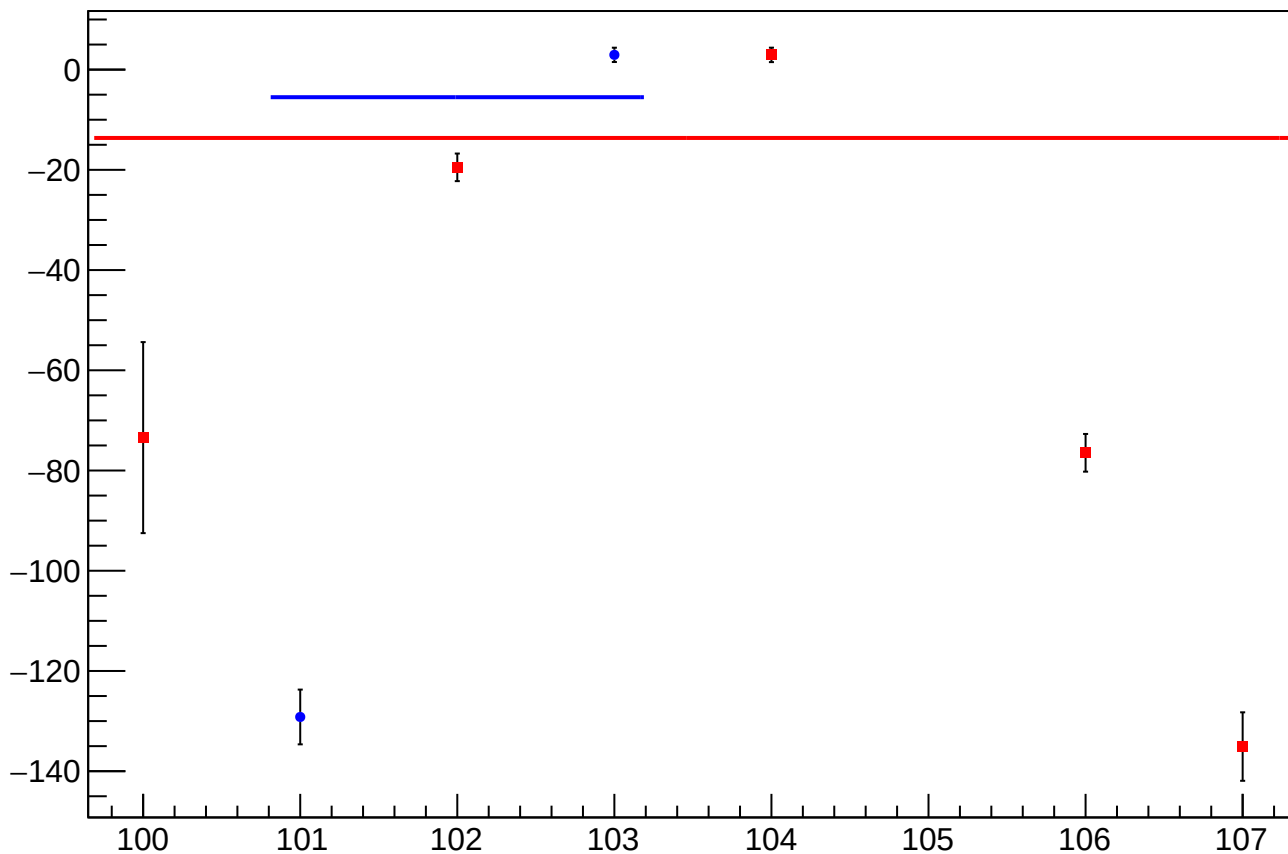
Right: -3.715+/-1.015 χ^2 /NDF: 22.8/6

In: -3.527+/-1.878 χ^2 /NDF:5.8/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -3.715+/-1.015 χ^2 /NDF: 22.8/6

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.505+/-1.381 χ^2/NDF : 547.6/1

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

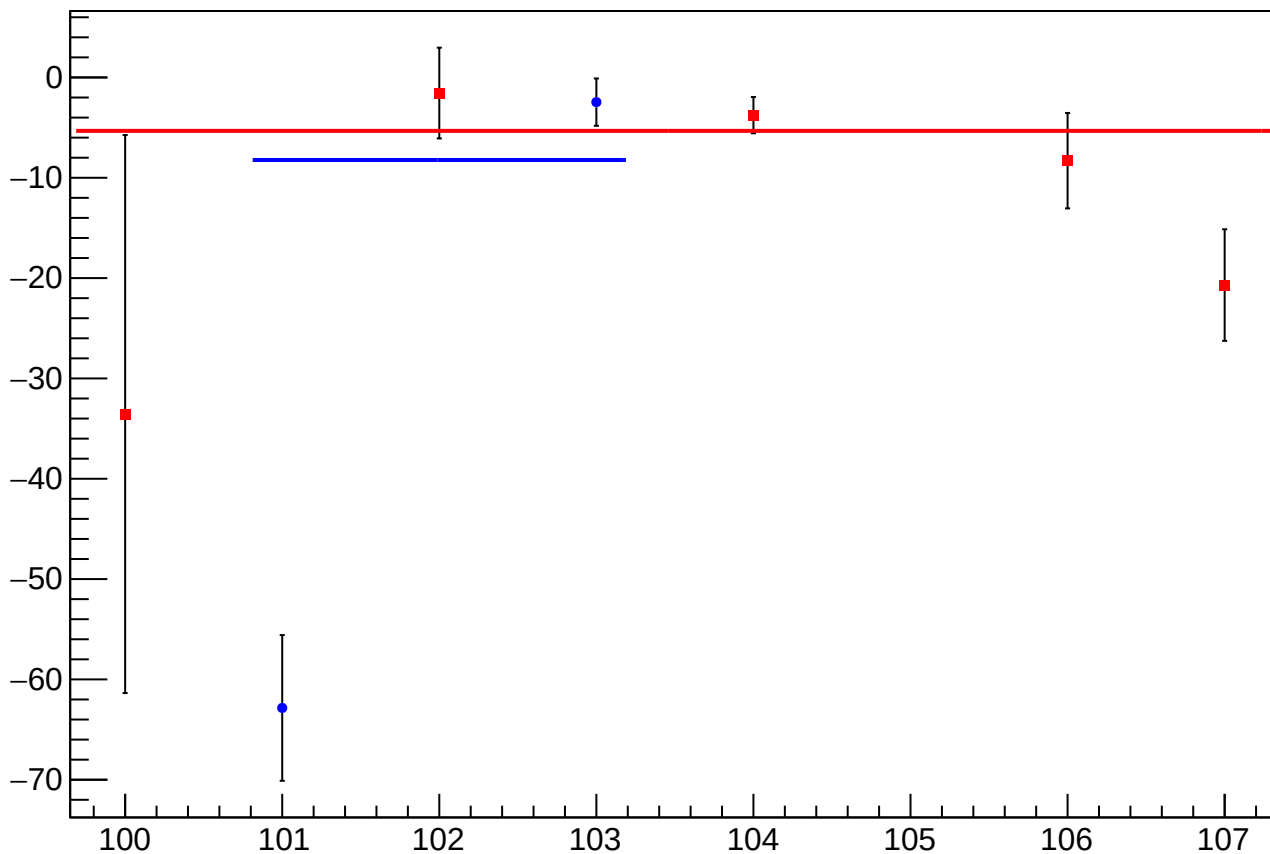
Right: -10.179+/-0.901 χ^2/NDF : 1309.1/6

In: -5.505+/-1.381 χ^2/NDF : 547.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.179+/-0.901 χ^2/NDF : 1309.1/6

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -8.227+/-2.245 χ^2 /NDF: 62.5/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -5.324+/-1.519 χ^2 /NDF: 10.5/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

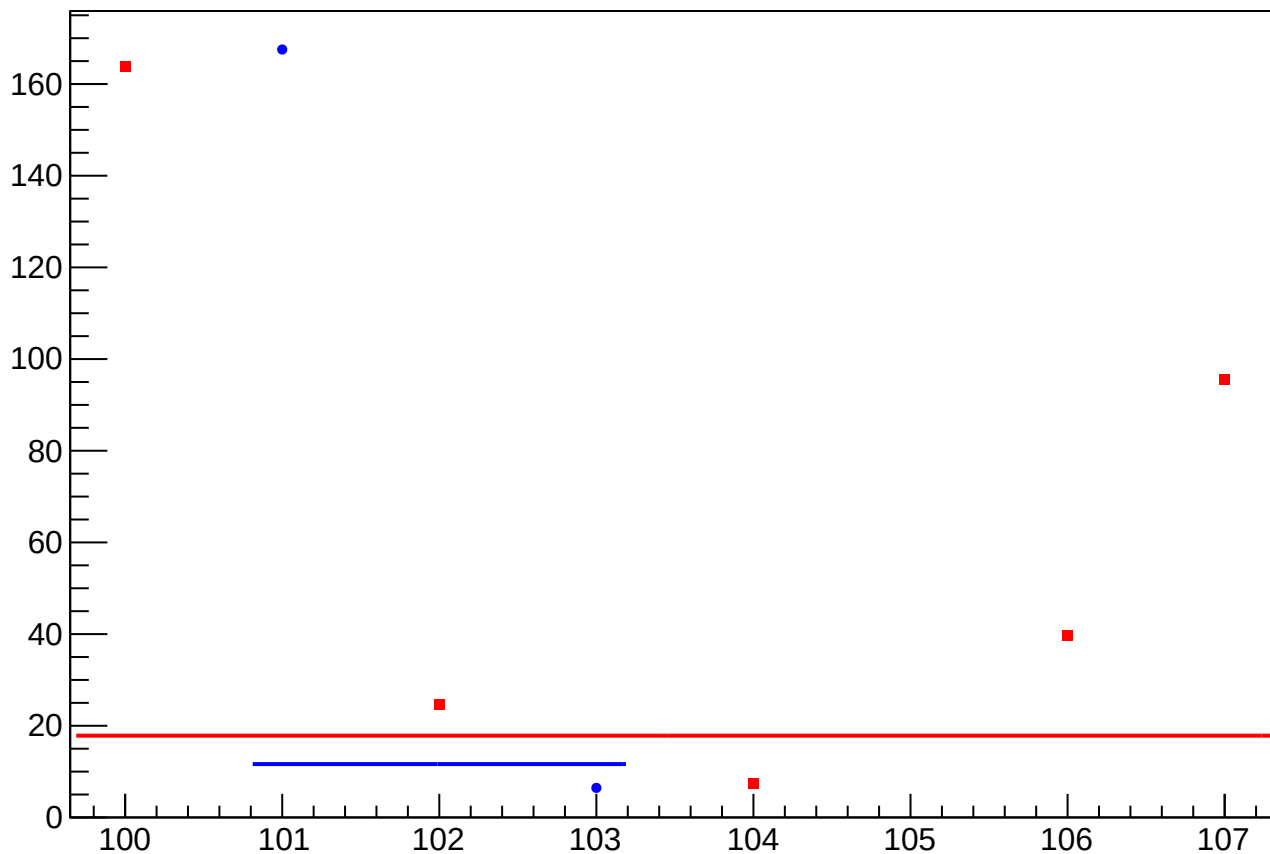
Right: -6.236+/-1.258 χ^2 /NDF: 74.2/6

In: -8.227+/-2.245 χ^2 /NDF:62.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -6.236+/-1.258 χ^2 /NDF: 74.2/6

reg_asym_us_avg_atlr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 11.643+/-0.058 χ^2/NDF : 237680.2/1

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

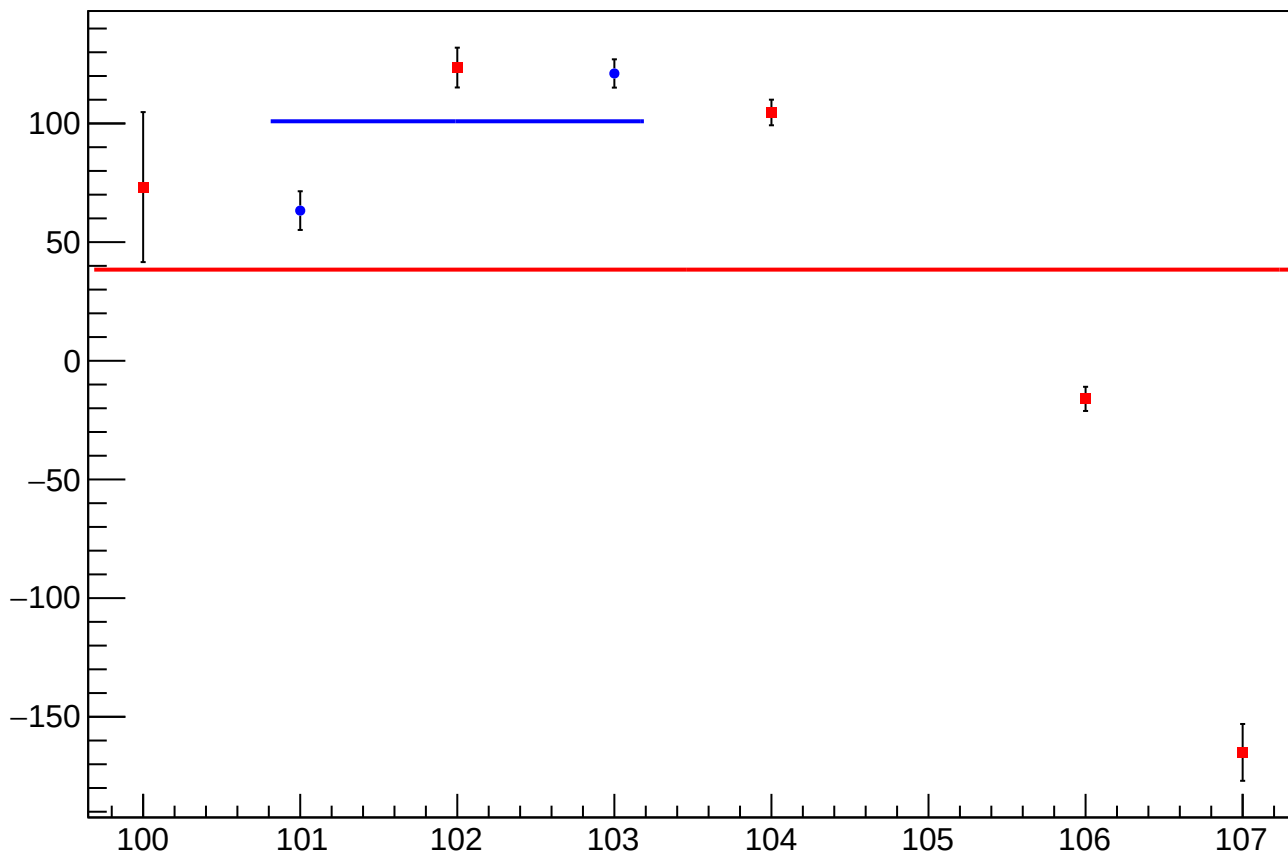
Right: 14.919+/-0.040 χ^2/NDF : 384427.8/6

In: 11.643+/-0.058 χ^2/NDF : 237680.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.919+/-0.040 χ^2/NDF : 384427.8/6

reg_asym_us_dd_at1lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 100.919+/-4.813 χ^2/NDF : 32.7/1

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

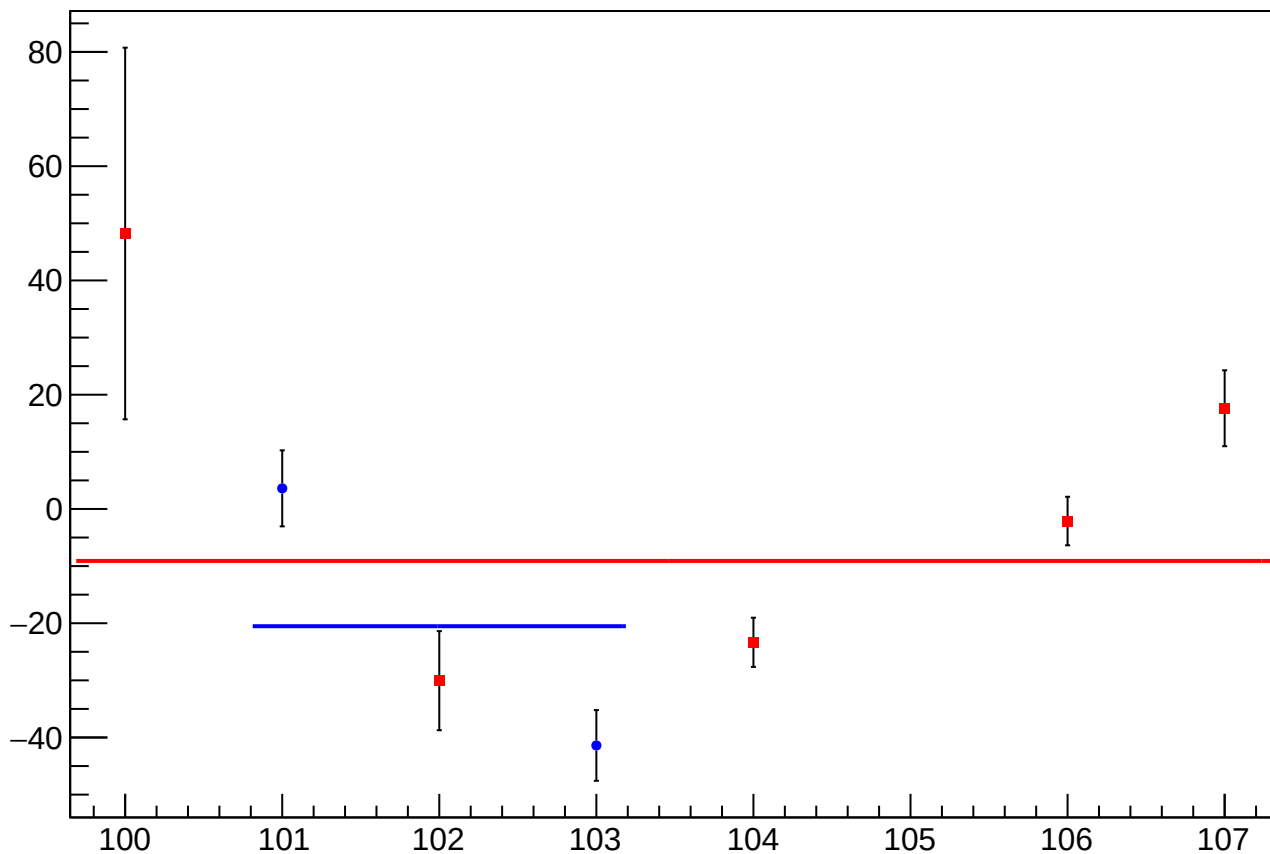
Right: 57.925+/-2.689 χ^2/NDF : 806.8/6

In: 100.919+/-4.813 χ^2/NDF : 32.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.925+/-2.689 χ^2/NDF : 806.8/6

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -20.522 $\pm$ 4.531 χ^2 /NDF: 24.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -9.094 $\pm$ 2.615 χ^2 /NDF: 38.8/4

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

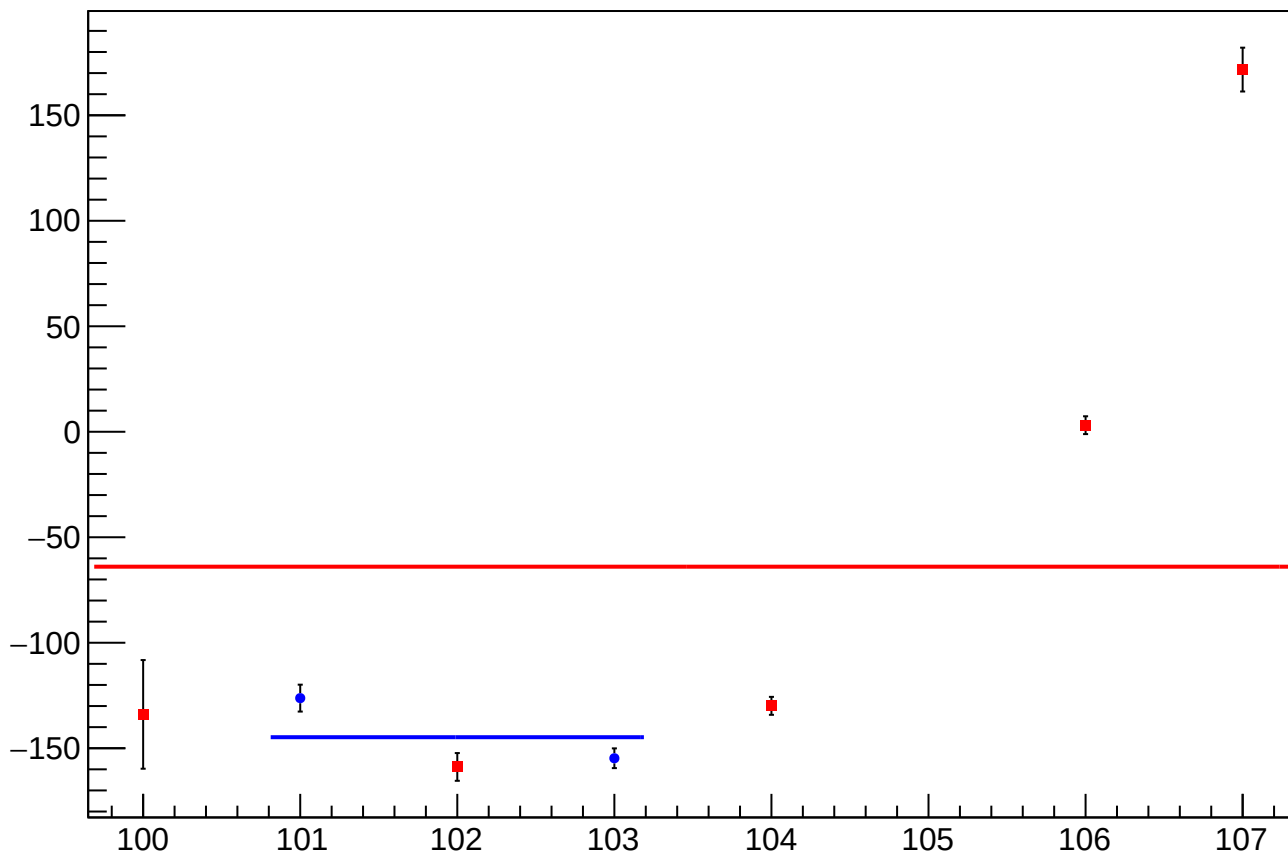
Right: -11.949 $\pm$ 2.265 χ^2 /NDF: 68.1/6

In: -20.522 $\pm$ 4.531 χ^2 /NDF: 24.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -11.949 $\pm$ 2.265 χ^2 /NDF: 68.1/6

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -144.769+/-3.772 χ^2/NDF : 13.0/1

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

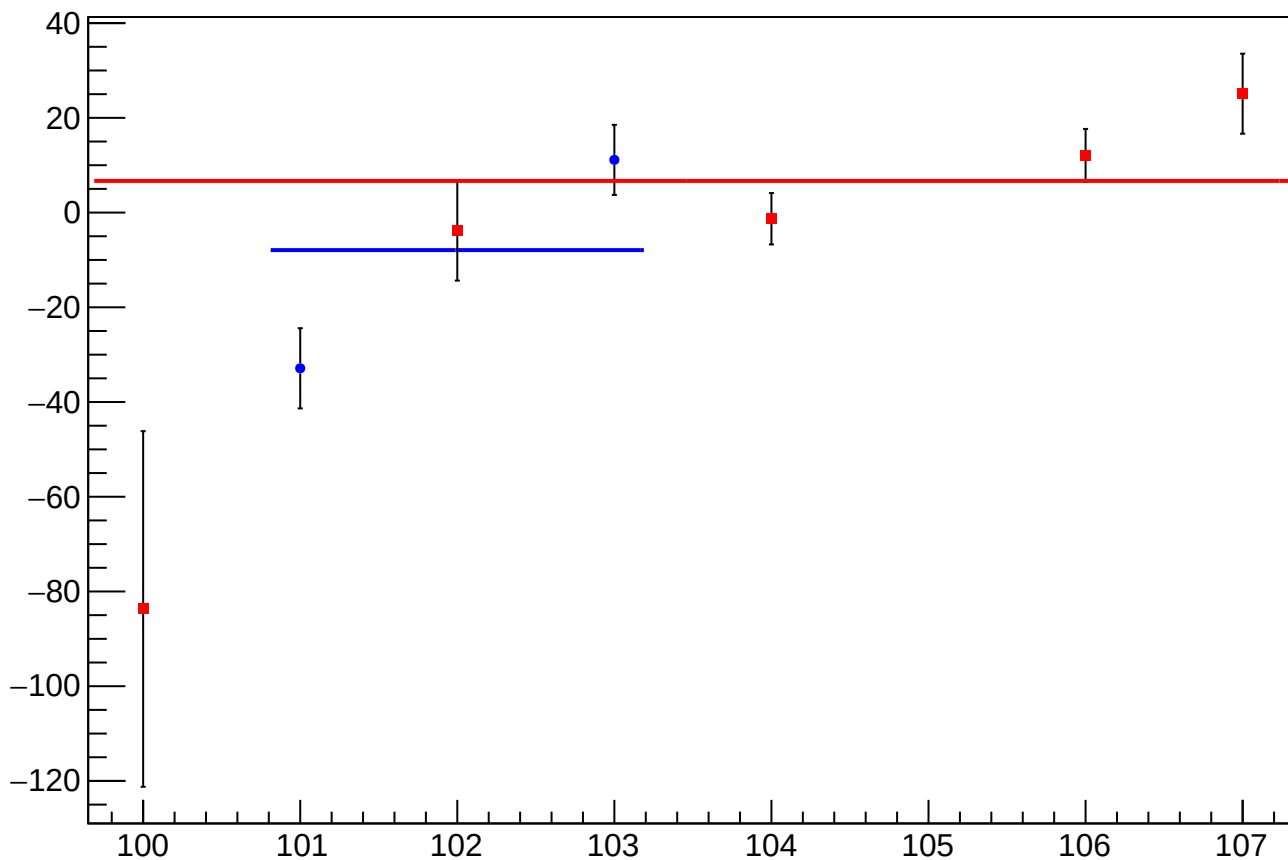
Right: -90.313+/-2.154 χ^2/NDF : 1544.9/6

In: -144.769+/-3.772 χ^2/NDF : 13.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -90.313+/-2.154 χ^2/NDF : 1544.9/6

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -7.926+/-5.570 χ^2/NDF : 15.3/1

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

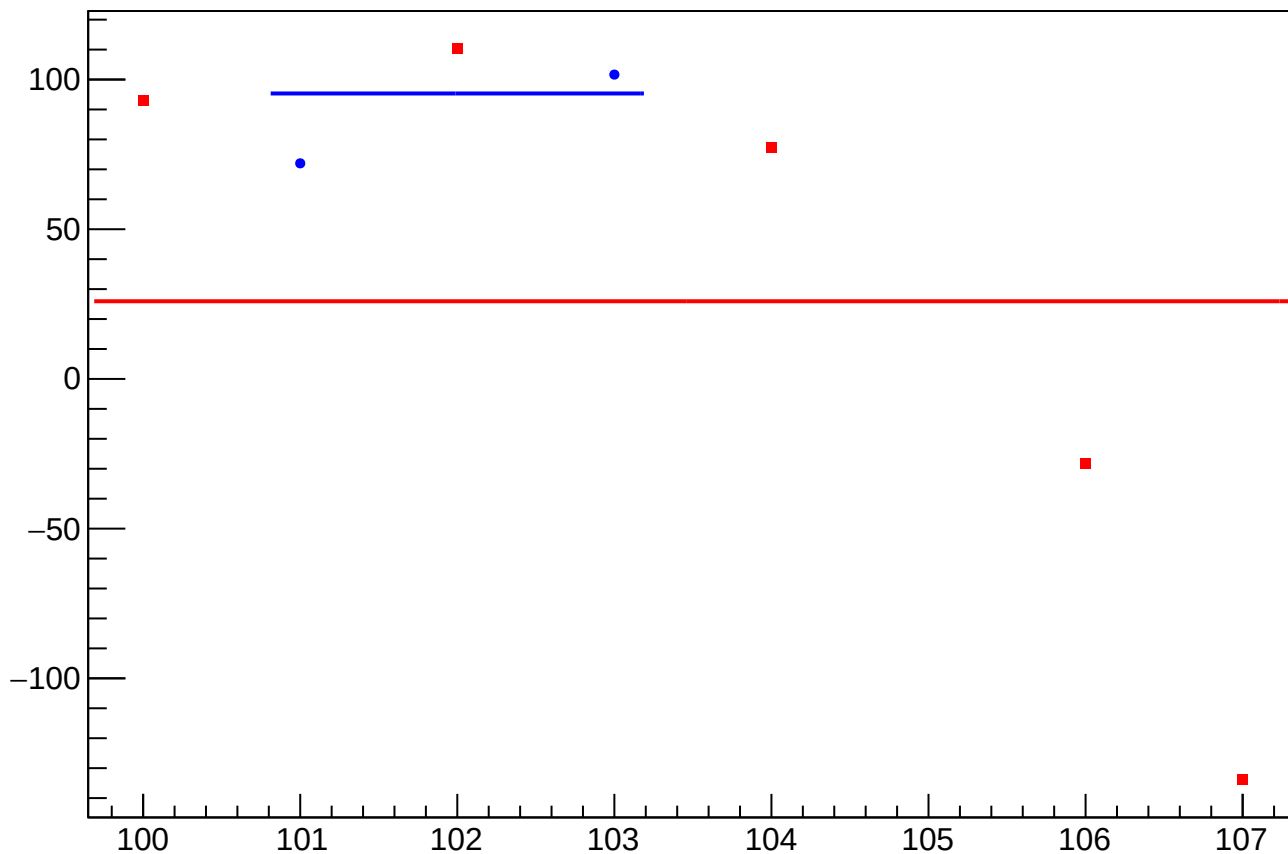
Right: 2.824+/-2.863 χ^2/NDF : 35.0/6

In: -7.926+/-5.570 χ^2/NDF : 15.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.824+/-2.863 χ^2/NDF : 35.0/6

reg_asym_us_dd_at1lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 95.342+/-0.174 χ^2/NDF : 4852.2/1

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

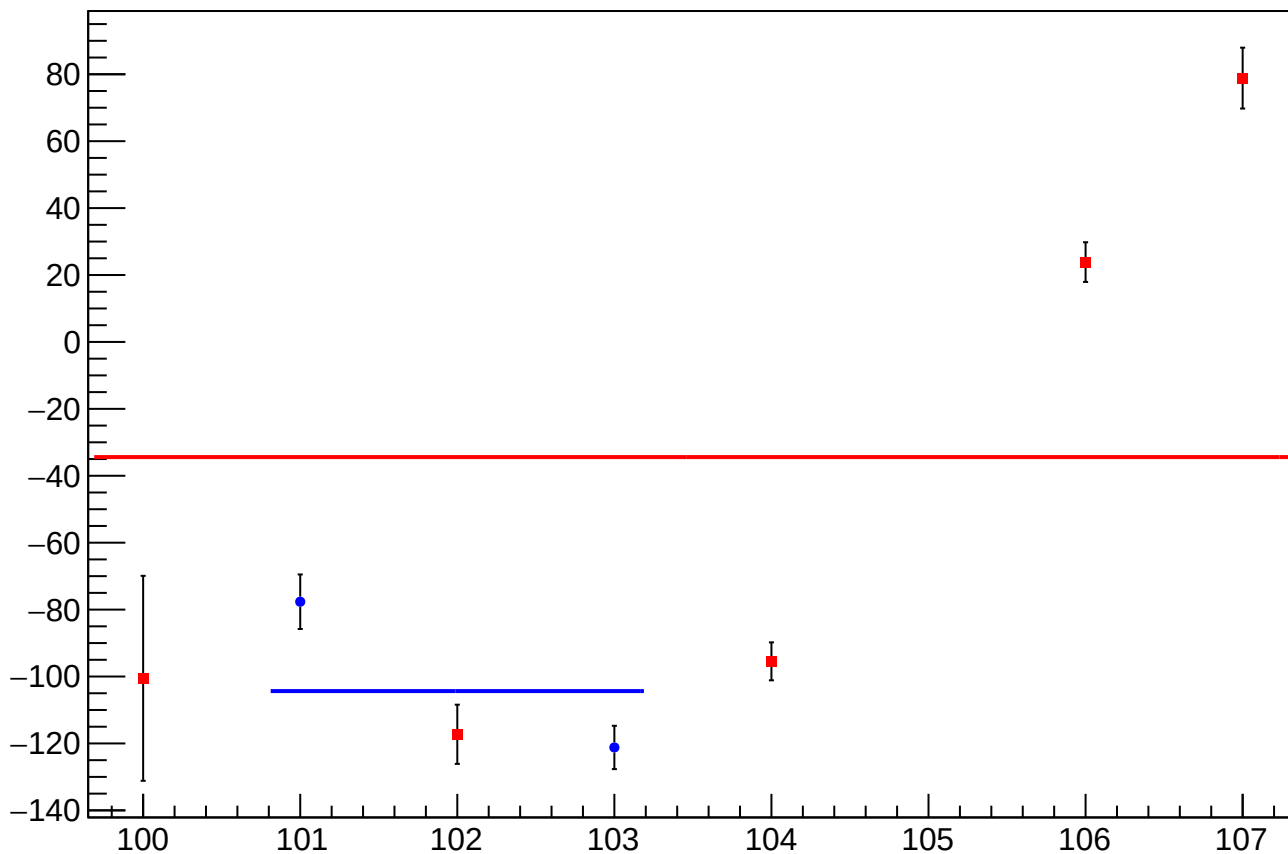
Right: 48.617+/-0.100 χ^2/NDF : 483383.3/6

In: 95.342+/-0.174 χ^2/NDF : 4852.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.617+/-0.100 χ^2/NDF : 483383.3/6

reg_asym_us_dd_at1lr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -104.351+/-5.070 χ^2/NDF : 17.5/1

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

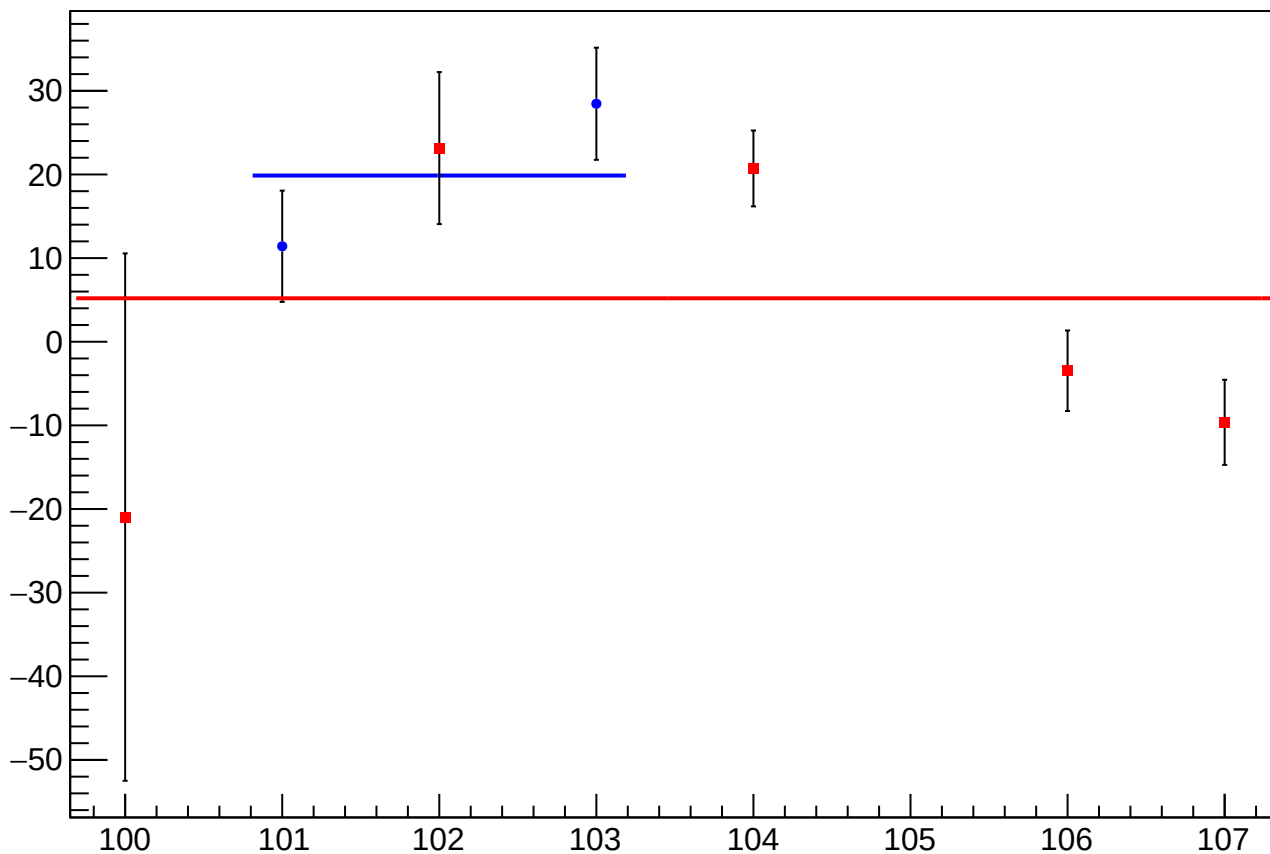
Right: -56.292+/-2.836 χ^2/NDF : 608.0/6

In: -104.351+/-5.070 χ^2/NDF : 17.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.292+/-2.836 χ^2/NDF : 608.0/6

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.872+/-4.723 χ^2 /NDF: 3.3/1

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

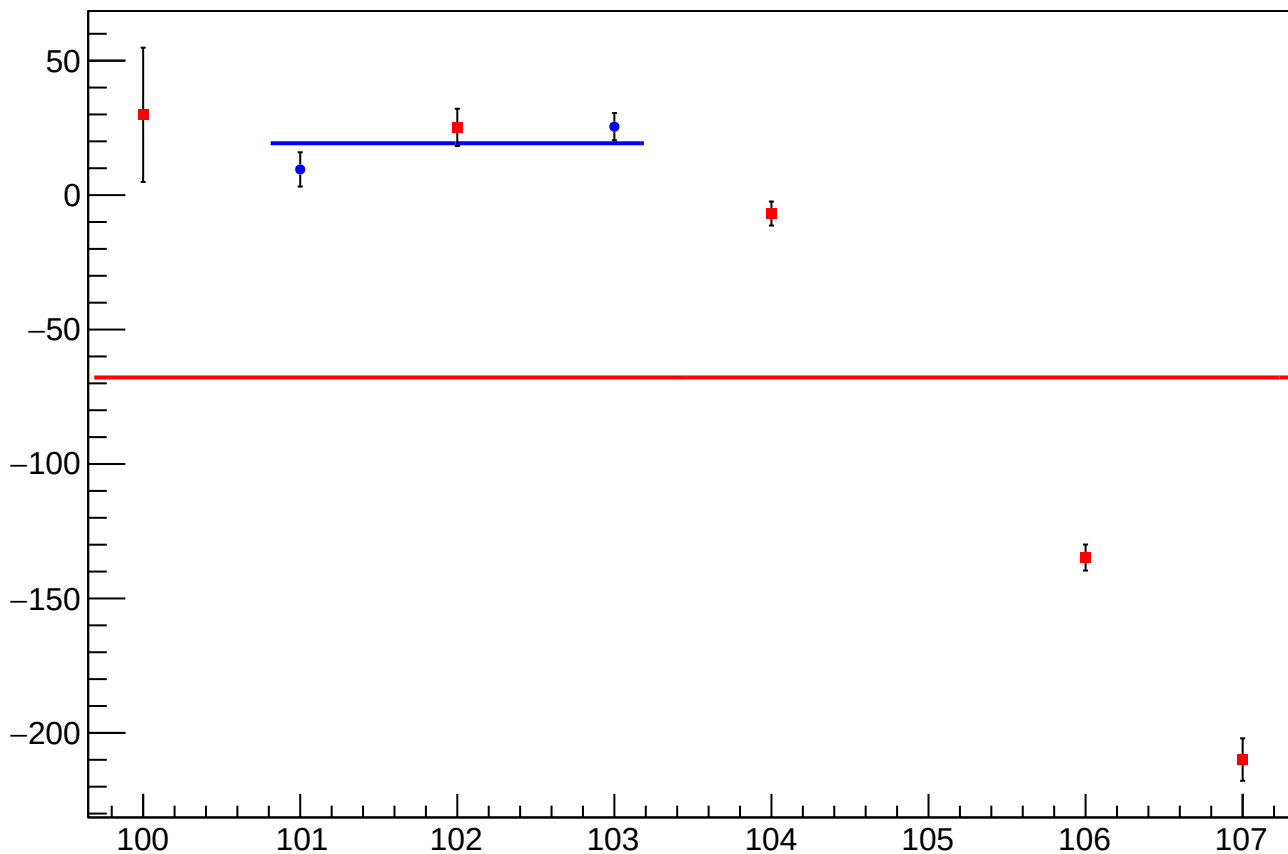
Right: 8.688+/-2.304 χ^2 /NDF: 38.7/6

In: 19.872+/-4.723 χ^2 /NDF: 3.3/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 8.688+/-2.304 χ^2 /NDF: 38.7/6

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 19.286+/-3.973 χ^2/NDF : 3.8/1

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

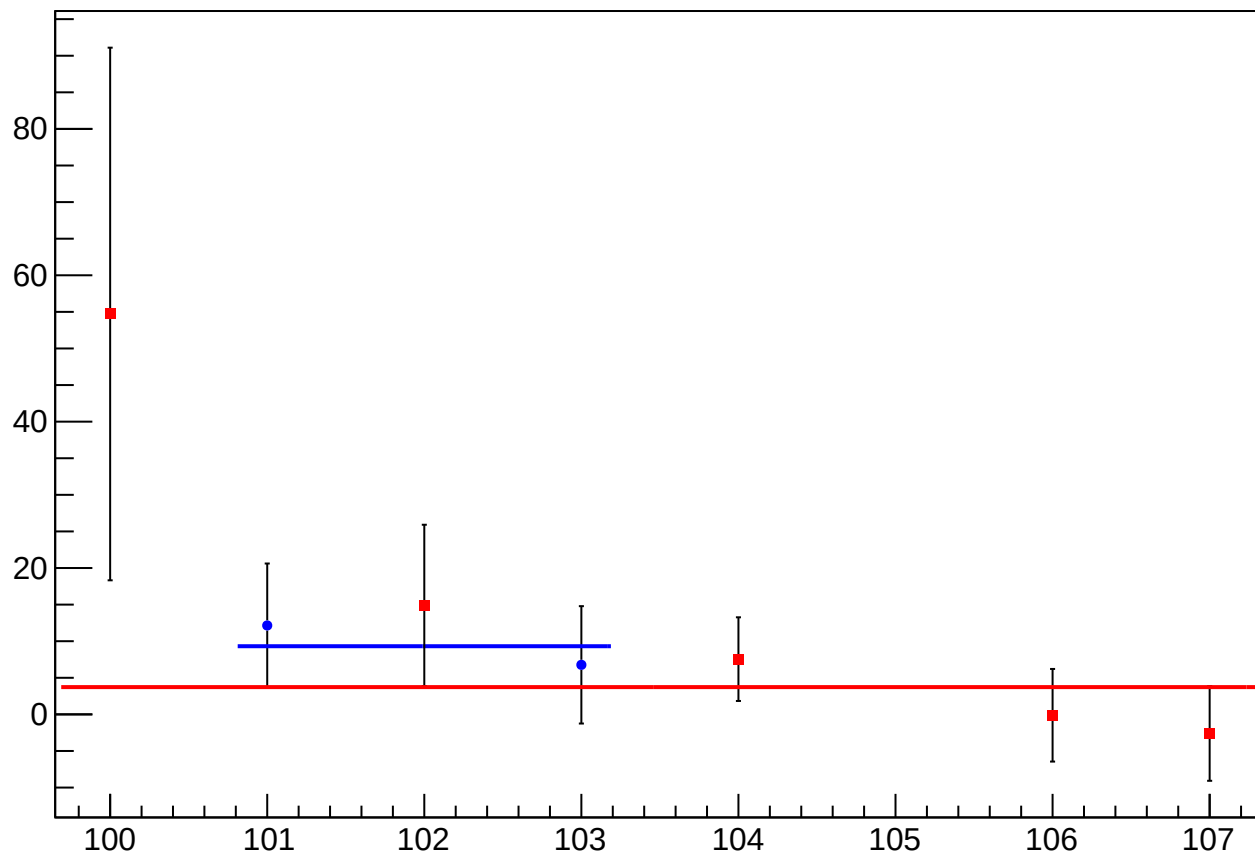
Right: -39.424+/-2.268 χ^2/NDF : 1223.8/6

In: 19.286+/-3.973 χ^2/NDF : 3.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.424+/-2.268 χ^2/NDF : 1223.8/6

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.314+/-5.822 χ^2/NDF : 0.2/1

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

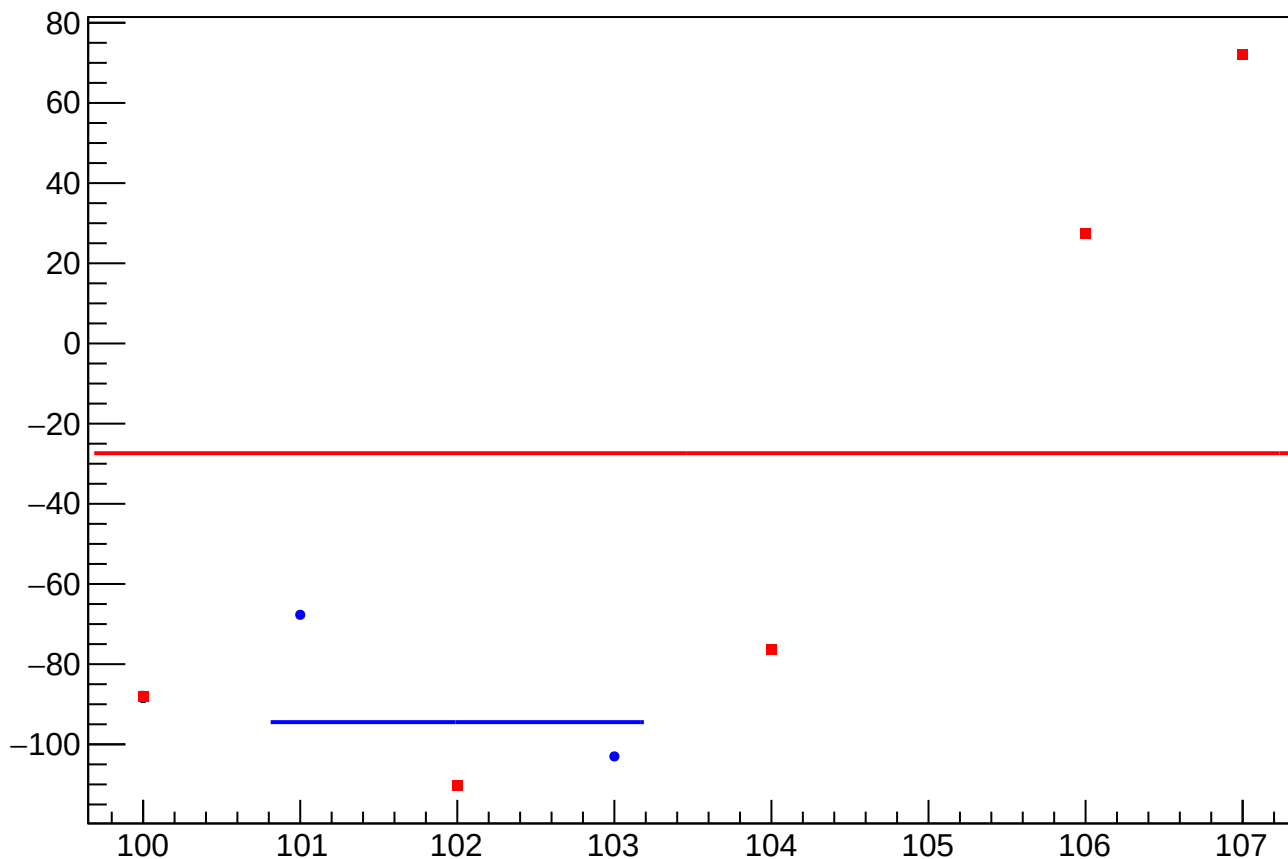
Right: 5.125+/-2.912 χ^2/NDF : 5.7/6

In: 9.314+/-5.822 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.125+/-2.912 χ^2/NDF : 5.7/6

reg_asym_us_dd_at1lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -94.465 $\pm$ 0.186 χ^2 /NDF: 6635.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -27.377 $\pm$ 0.127 χ^2 /NDF: 281489.3/4

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

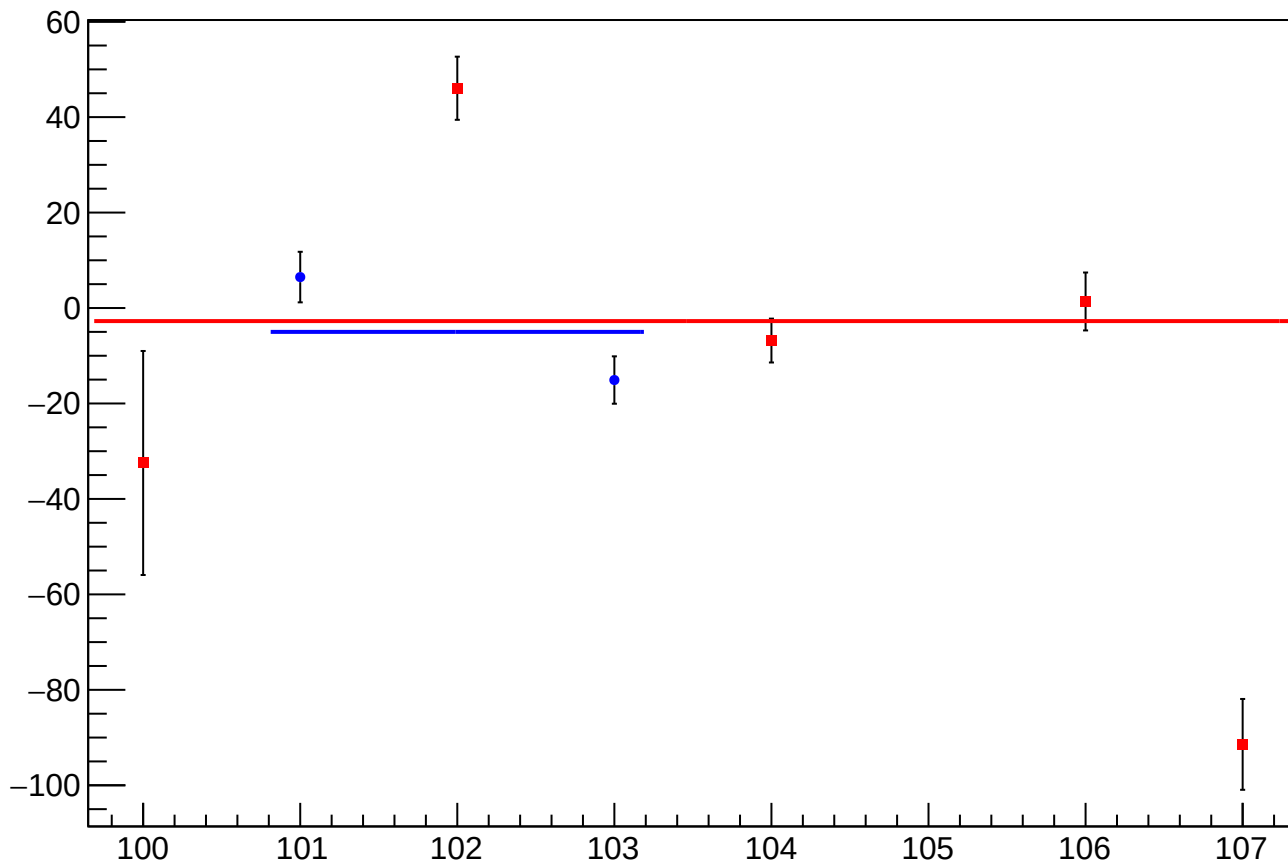
Right: -48.866 $\pm$ 0.105 χ^2 /NDF: 376821.3/6

In: -94.465 $\pm$ 0.186 χ^2 /NDF:6635.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -48.866 $\pm$ 0.105 χ^2 /NDF: 376821.3/6

reg_asym_us_dd_at2lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.999 $\pm$ 3.622 χ^2 /NDF: 8.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.738 $\pm$ 3.012 χ^2 /NDF: 144.1/4

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

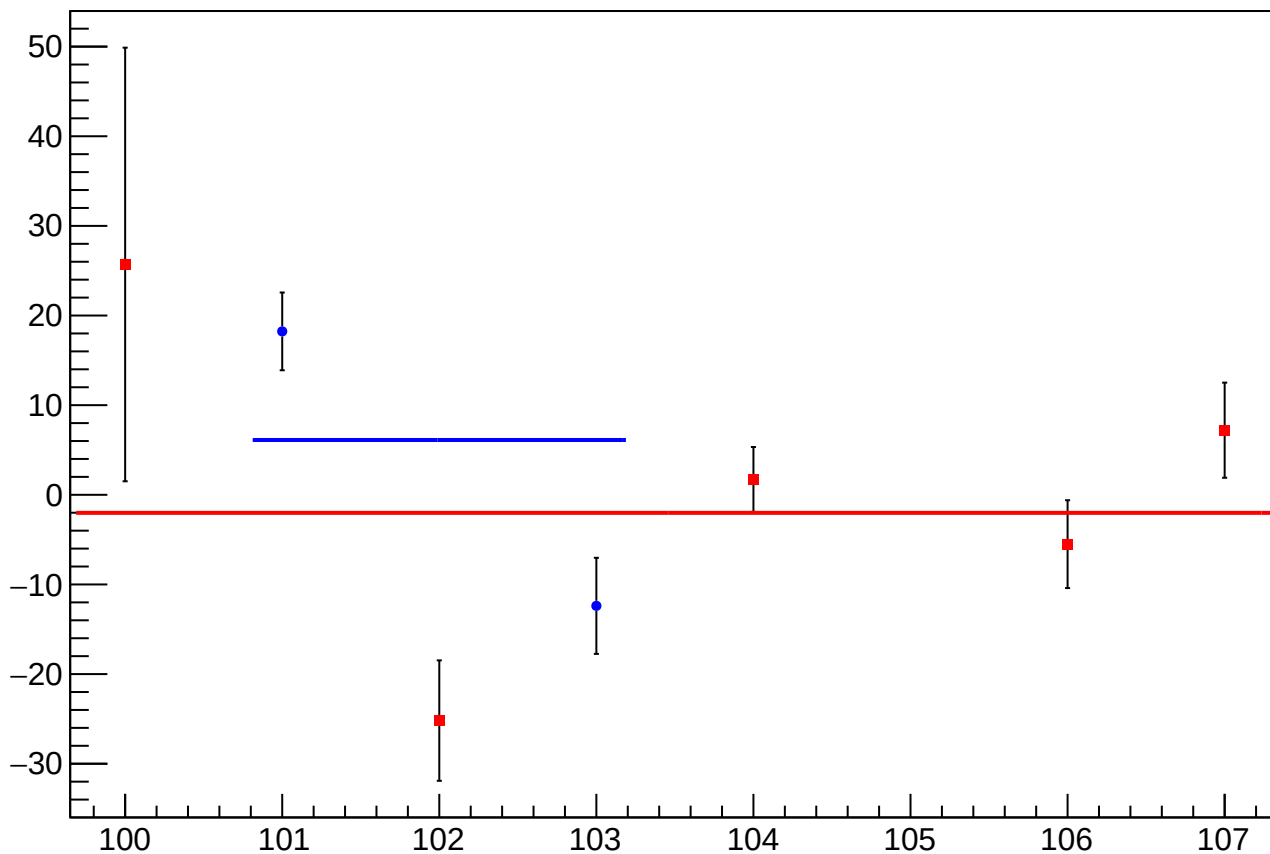
Right: -3.662 $\pm$ 2.316 χ^2 /NDF: 153.2/6

In: -4.999 $\pm$ 3.622 χ^2 /NDF: 8.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.662 $\pm$ 2.316 χ^2 /NDF: 153.2/6

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.115+/-3.372 χ^2/NDF : 19.7/1

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

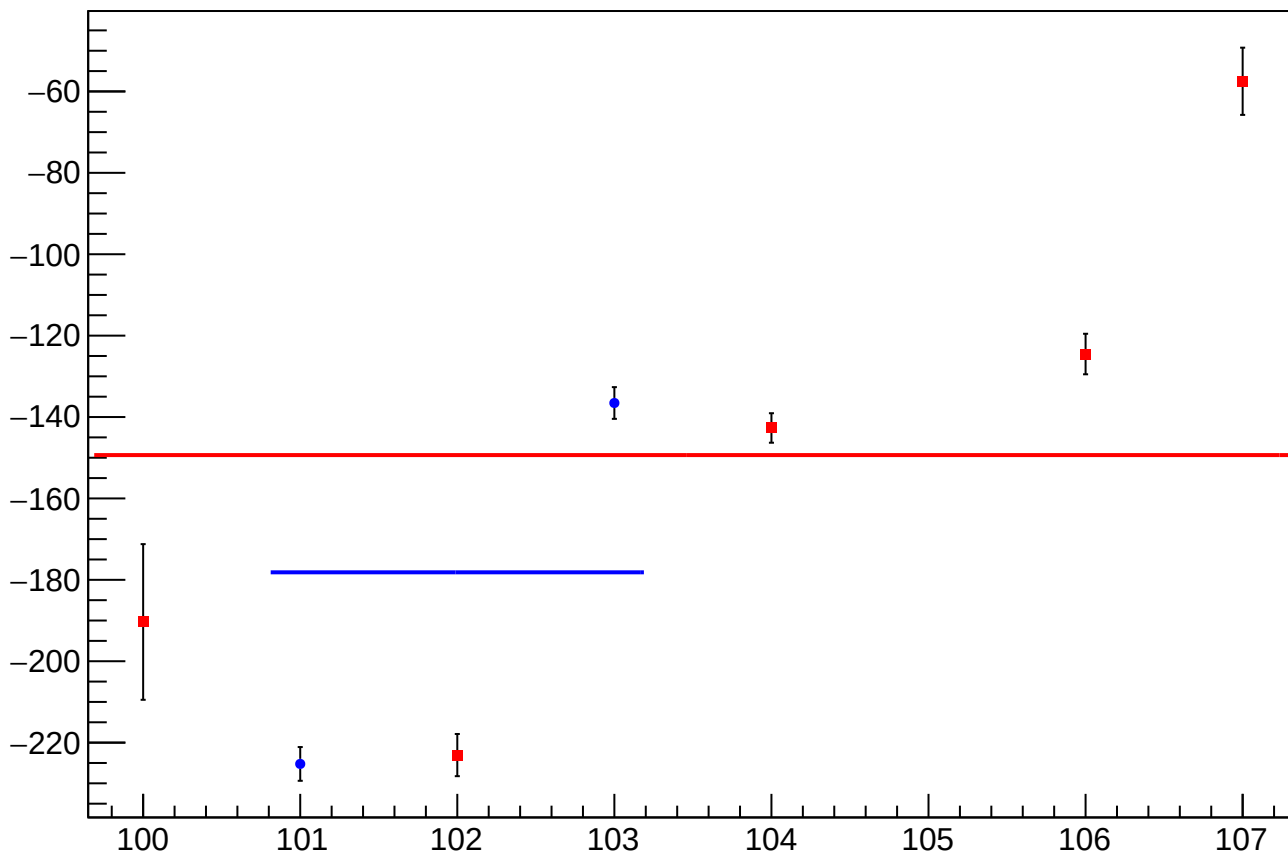
Right: 0.682+/-1.941 χ^2/NDF : 41.4/6

In: 6.115+/-3.372 χ^2/NDF : 19.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.682+/-1.941 χ^2/NDF : 41.4/6

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -178.154+/-2.840 χ^2/NDF : 242.9/1

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

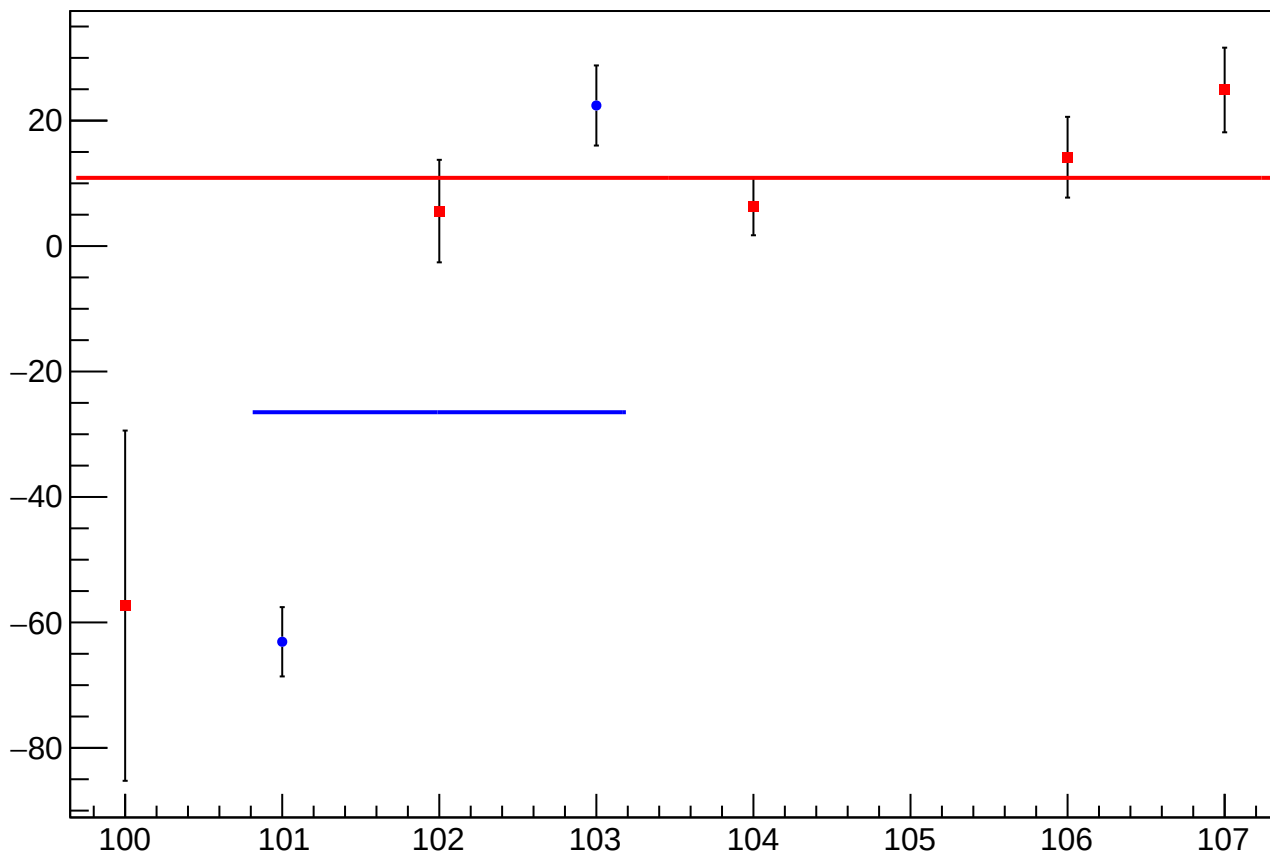
Right: -161.453+/-1.841 χ^2/NDF : 661.3/6

In: -178.154+/-2.840 χ^2/NDF : 242.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -161.453+/-1.841 χ^2/NDF : 661.3/6

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -26.490 $\pm$ 4.178 χ^2 /NDF: 102.5/1

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

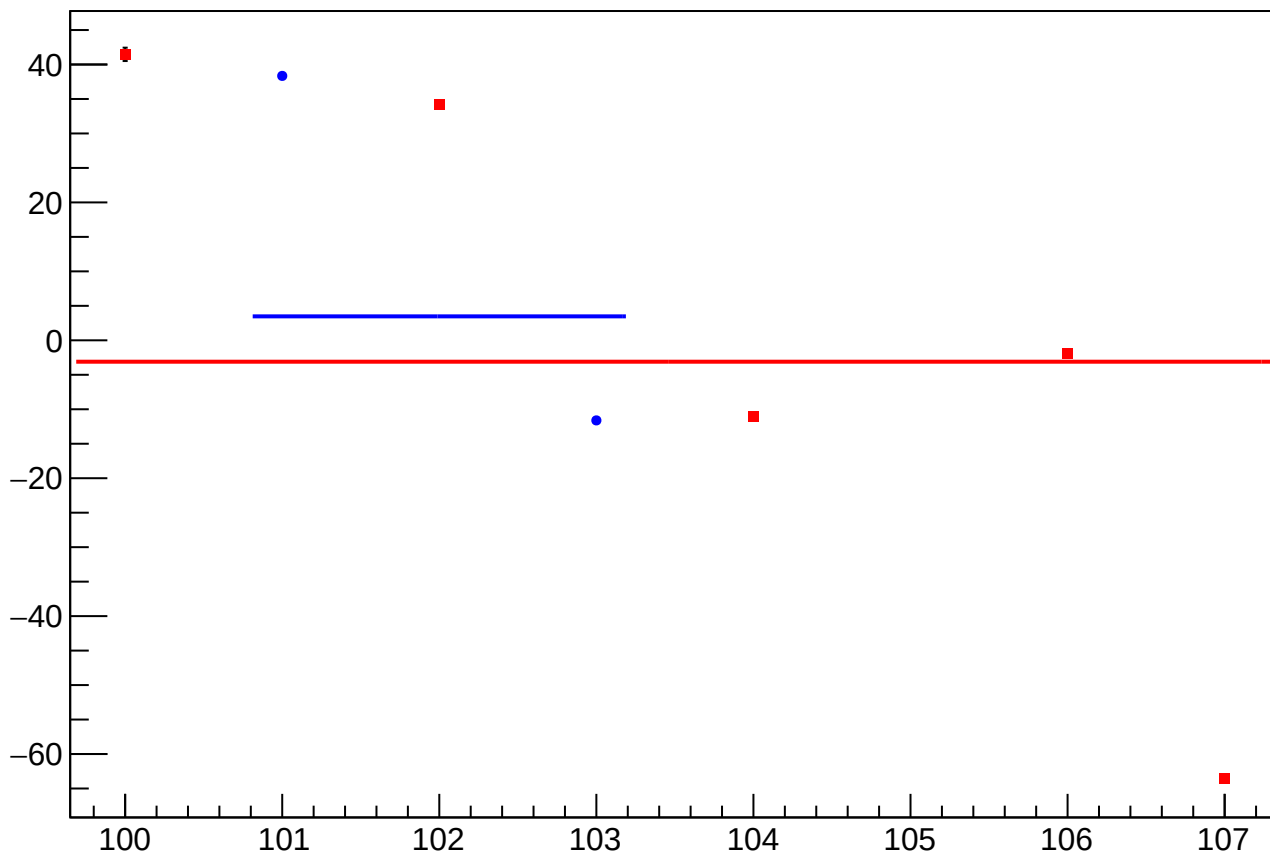
Right: -1.896 $\pm$ 2.442 χ^2 /NDF: 167.2/6

In: -26.490 $\pm$ 4.178 χ^2 /NDF:102.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.896 $\pm$ 2.442 χ^2 /NDF: 167.2/6

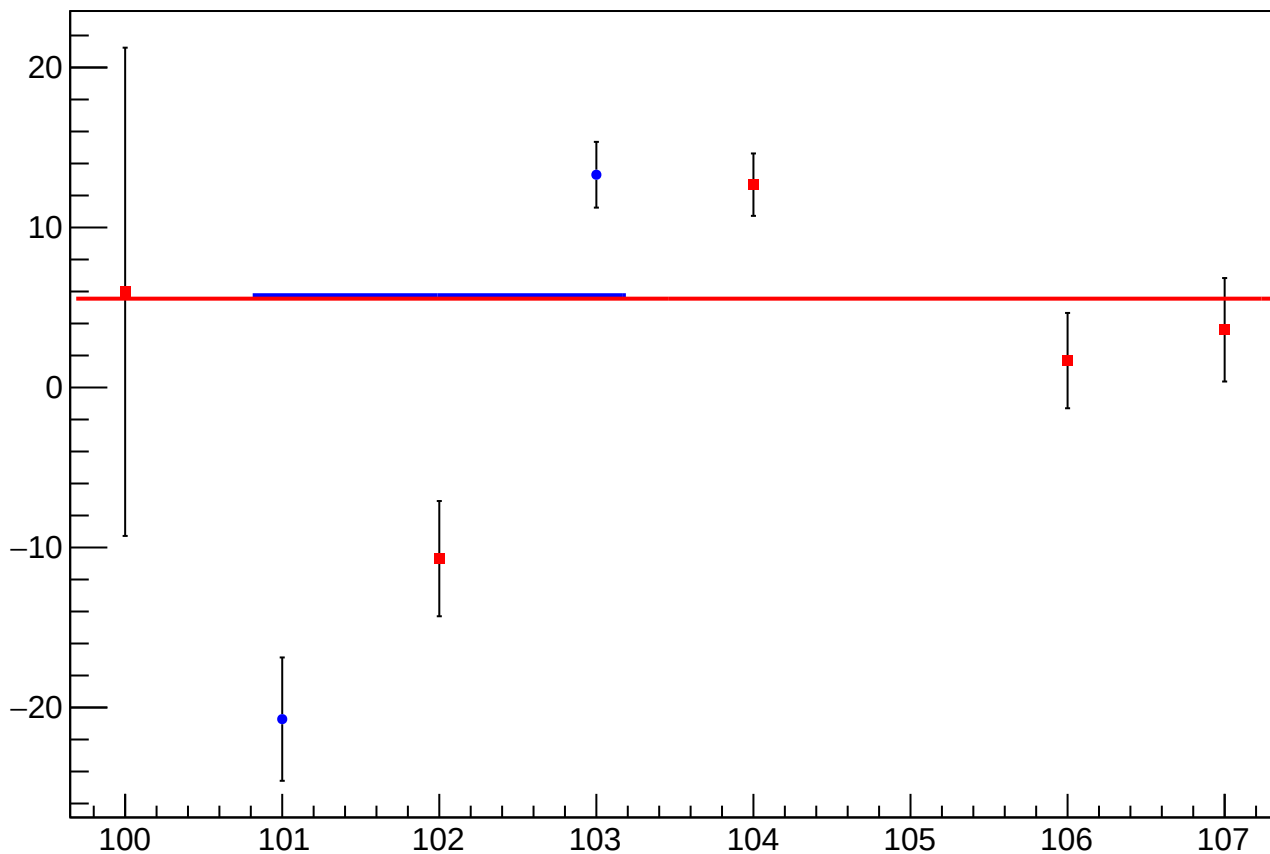
reg_asym_us_dd_at2lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 3.474+/-0.136 χ^2/NDF : 28473.1/1
 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: -0.528+/-0.085 χ^2/NDF : 93671.1/6
 In: 3.474+/-0.136 χ^2/NDF : 28473.1/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.528+/-0.085 χ^2/NDF : 93671.1/6

reg_asym_us_dd_at2lr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 5.767 $\pm$ 1.813 χ^2 /NDF: 60.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5.553 $\pm$ 1.345 χ^2 /NDF: 35.8/4

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

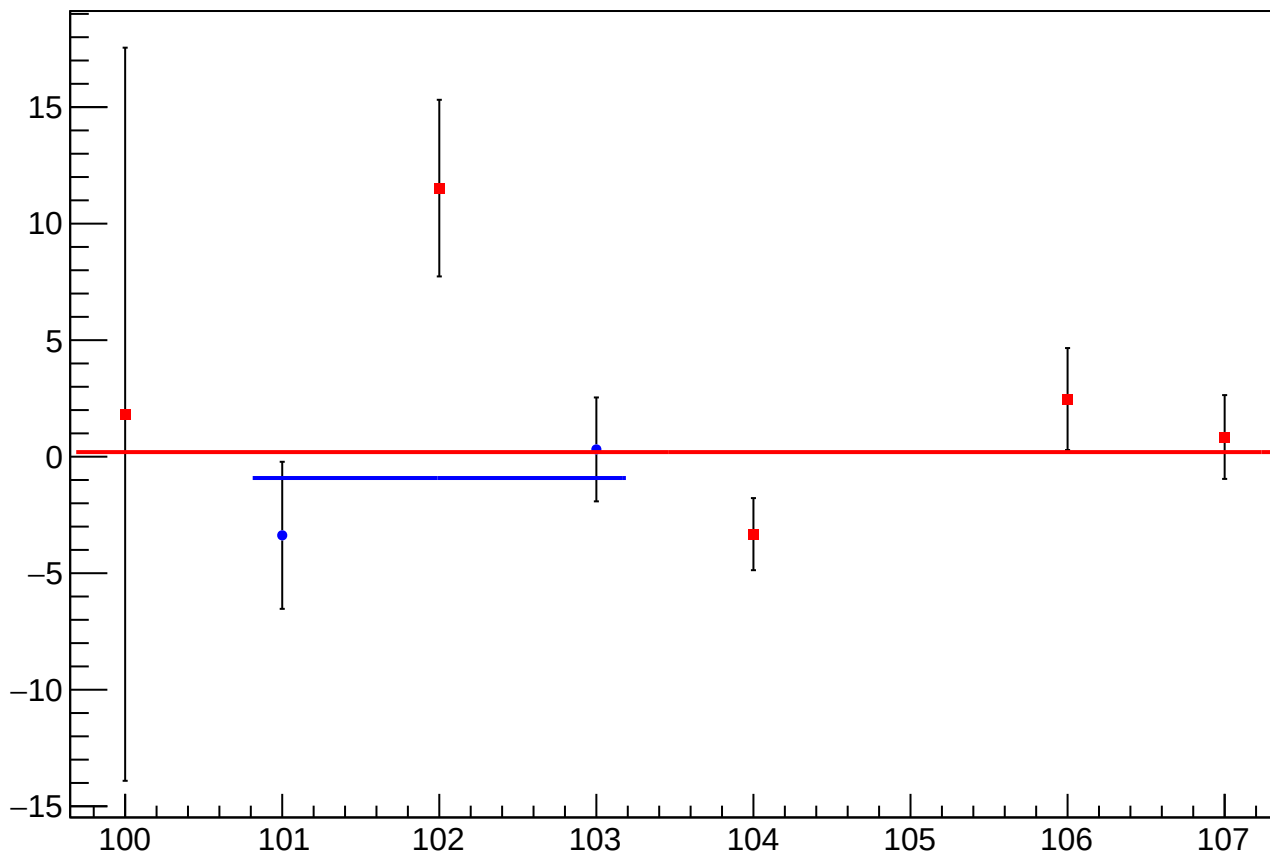
Right: 5.629 $\pm$ 1.080 χ^2 /NDF: 96.4/6

In: 5.767 $\pm$ 1.813 χ^2 /NDF:60.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 5.629 $\pm$ 1.080 χ^2 /NDF: 96.4/6

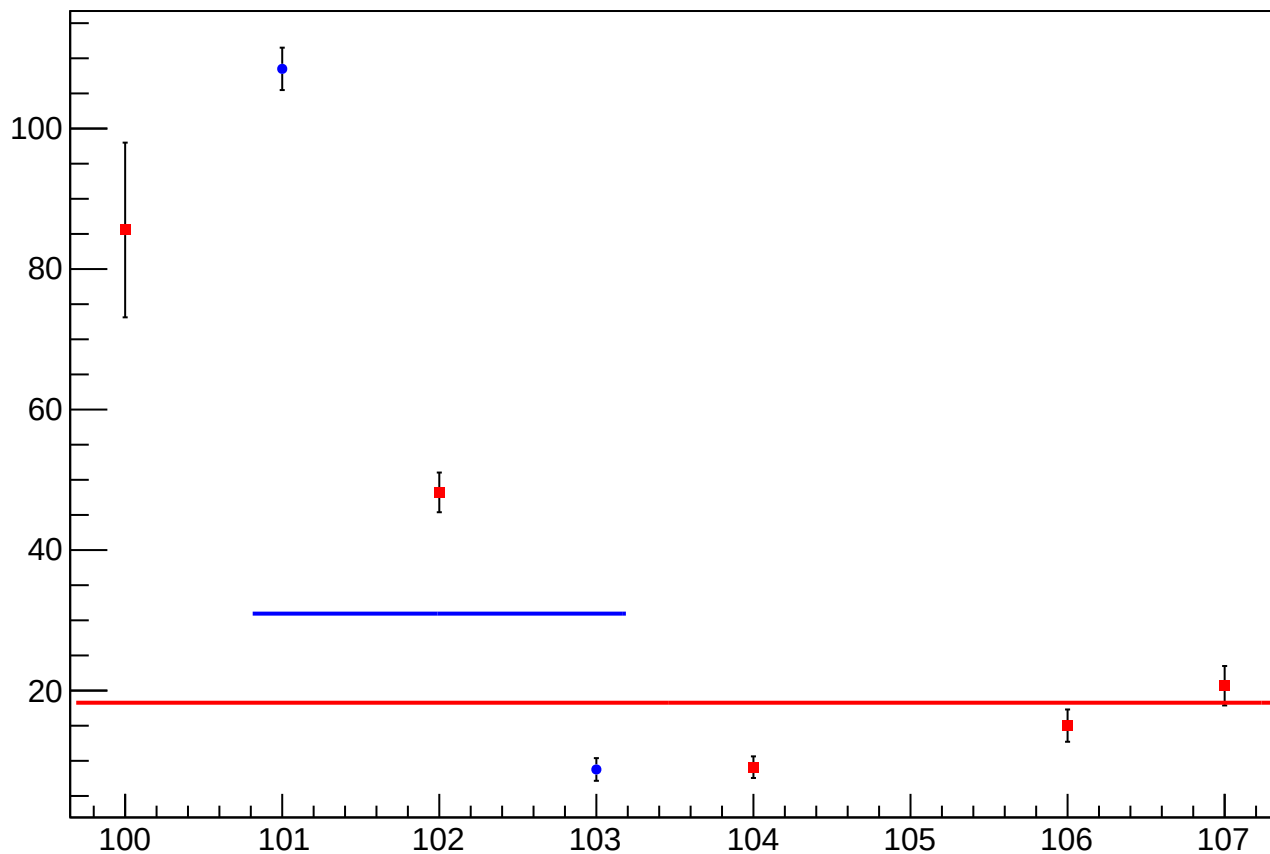
reg_asym_us_dd_at2lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.915 $\pm$ 1.821 χ^2 /NDF: 0.9/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.197 $\pm$ 0.995 χ^2 /NDF: 15.3/4
 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: -0.059 $\pm$ 0.873 χ^2 /NDF: 16.5/6
 In: -0.915 $\pm$ 1.821 χ^2 /NDF:0.9/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.059 $\pm$ 0.873 χ^2 /NDF: 16.5/6

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 30.954 $\pm$ 1.423 χ^2 /NDF: 849.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 18.272 $\pm$ 1.072 χ^2 /NDF: 179.9/4

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

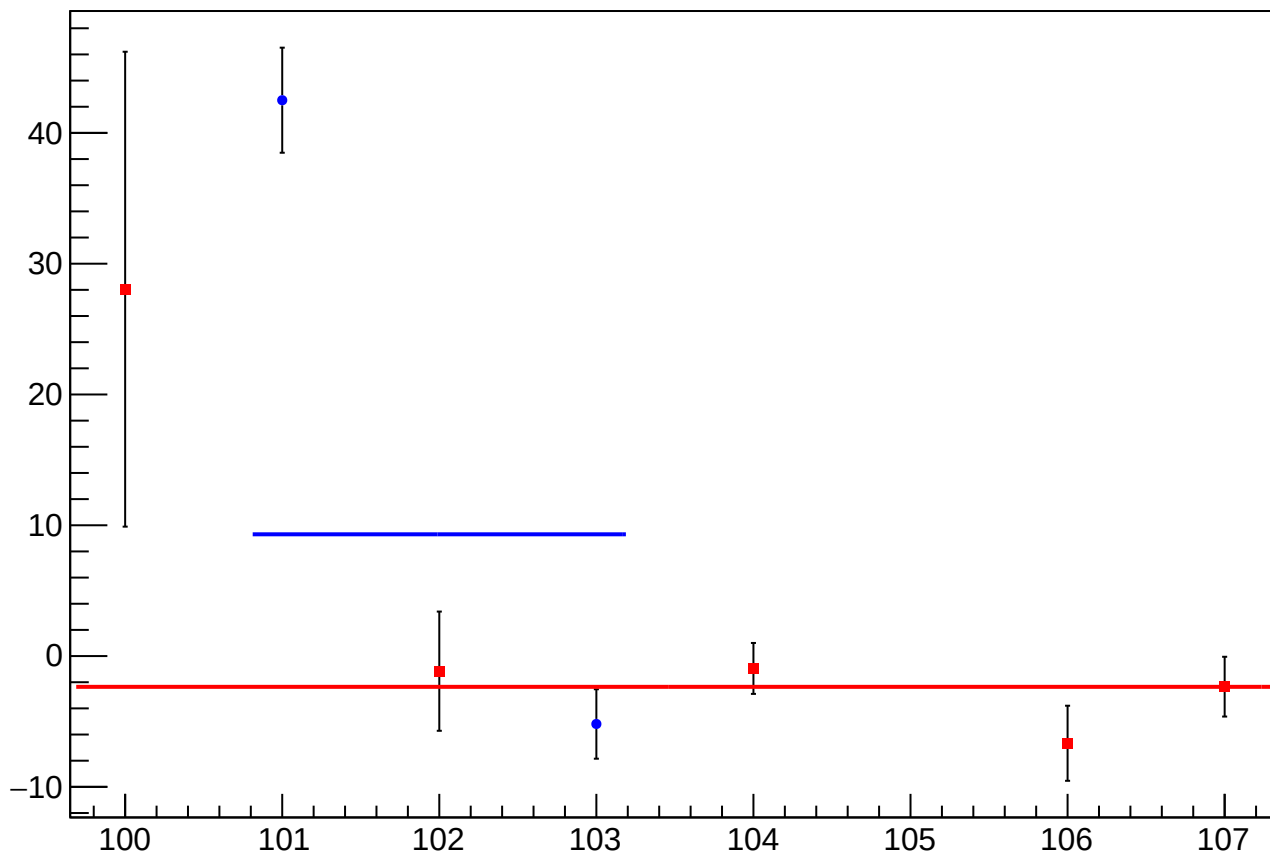
Right: 22.862 $\pm$ 0.856 χ^2 /NDF: 1080.3/6

In: 30.954 $\pm$ 1.423 χ^2 /NDF:849.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 22.862 $\pm$ 0.856 χ^2 /NDF: 1080.3/6

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.310 $\pm$ 2.215 χ^2 /NDF: 98.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.353 $\pm$ 1.262 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

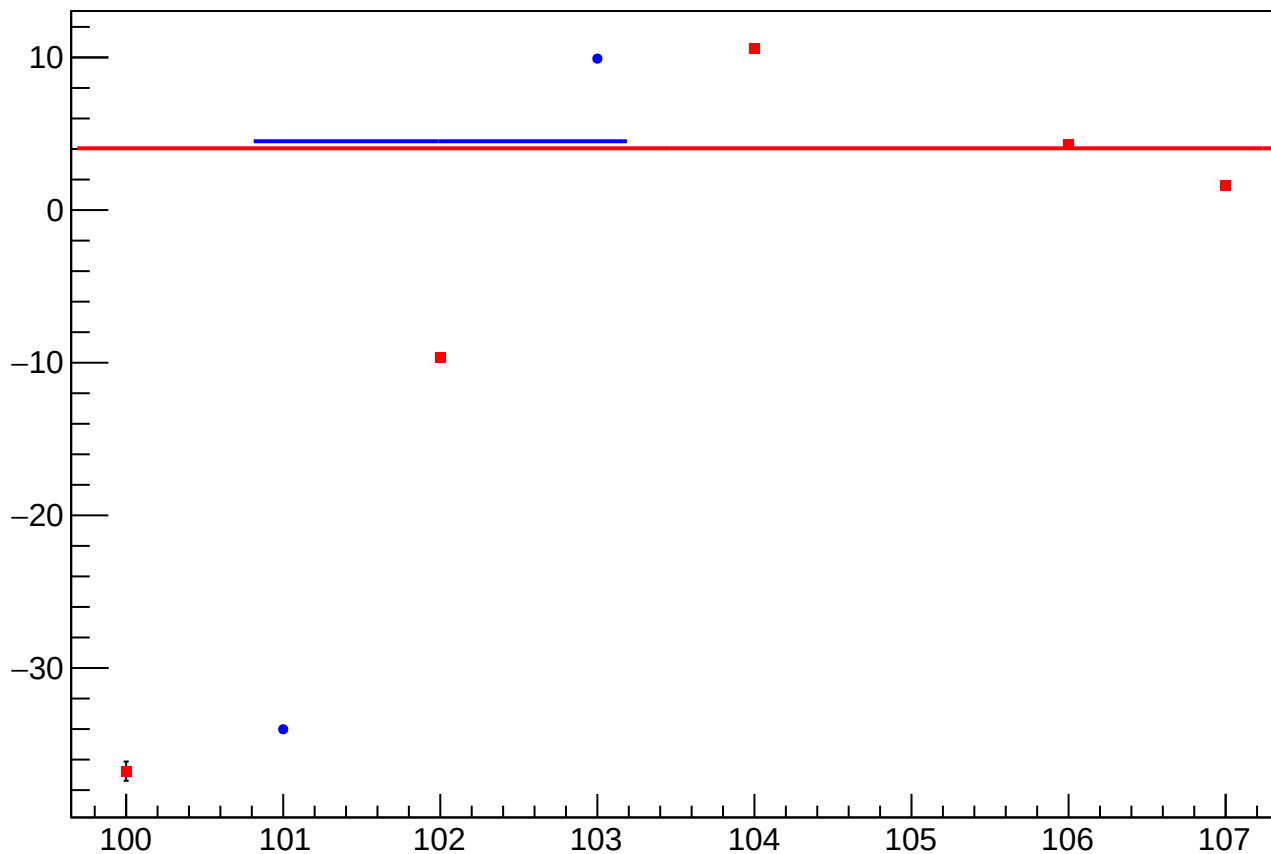
Right: 0.506 $\pm$ 1.097 χ^2 /NDF: 124.7/6

In: 9.310 $\pm$ 2.215 χ^2 /NDF: 98.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.506 $\pm$ 1.097 χ^2 /NDF: 124.7/6

reg_asym_us_dd_at2lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 4.508+/-0.063 χ^2/NDF : 52422.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.047+/-0.050 χ^2/NDF : 25427.6/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

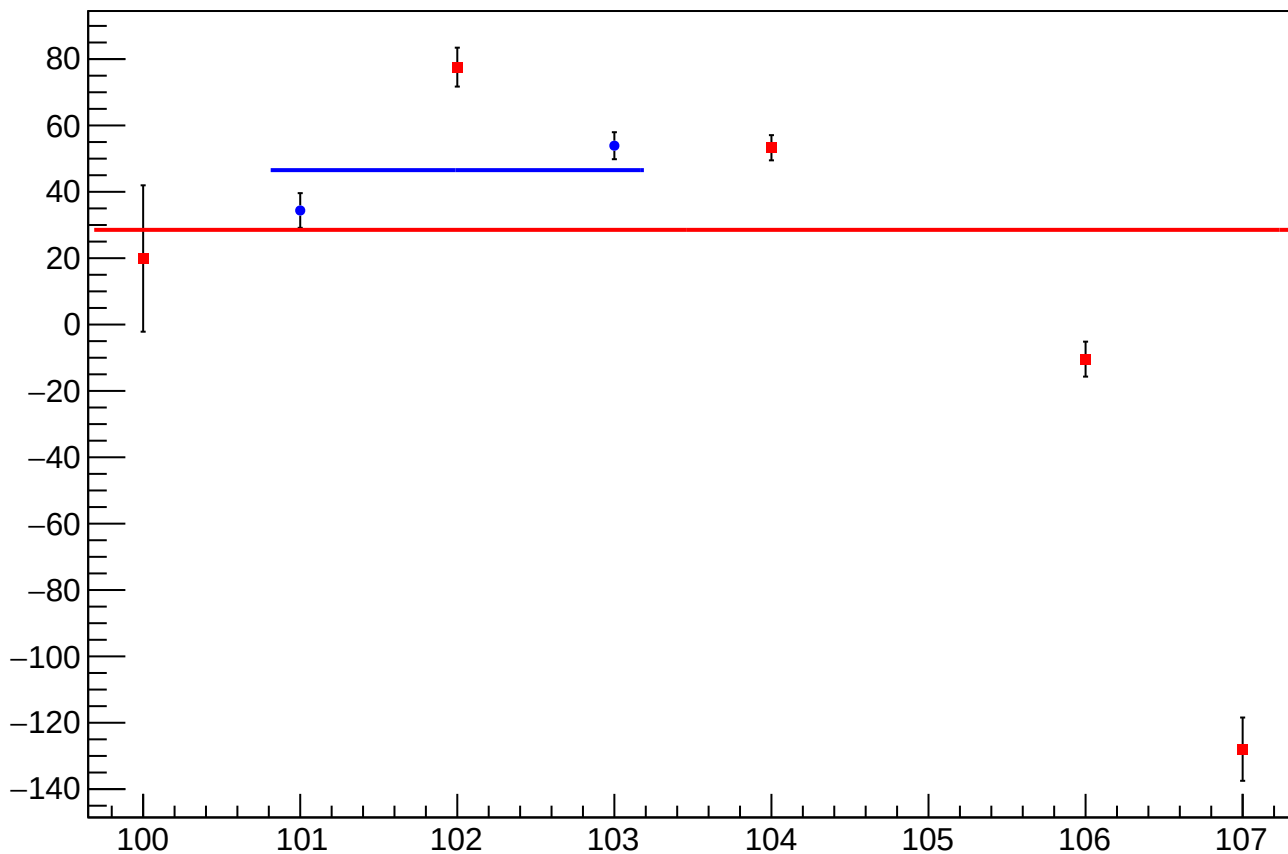
Right: 4.224+/-0.039 χ^2/NDF : 77883.4/6

In: 4.508+/-0.063 χ^2/NDF : 52422.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.224+/-0.039 χ^2/NDF : 77883.4/6

reg_asym_us_dd_atlr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 46.535 $\pm$ 3.210 χ^2 /NDF: 8.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 28.538 $\pm$ 2.604 χ^2 /NDF: 436.6/4

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

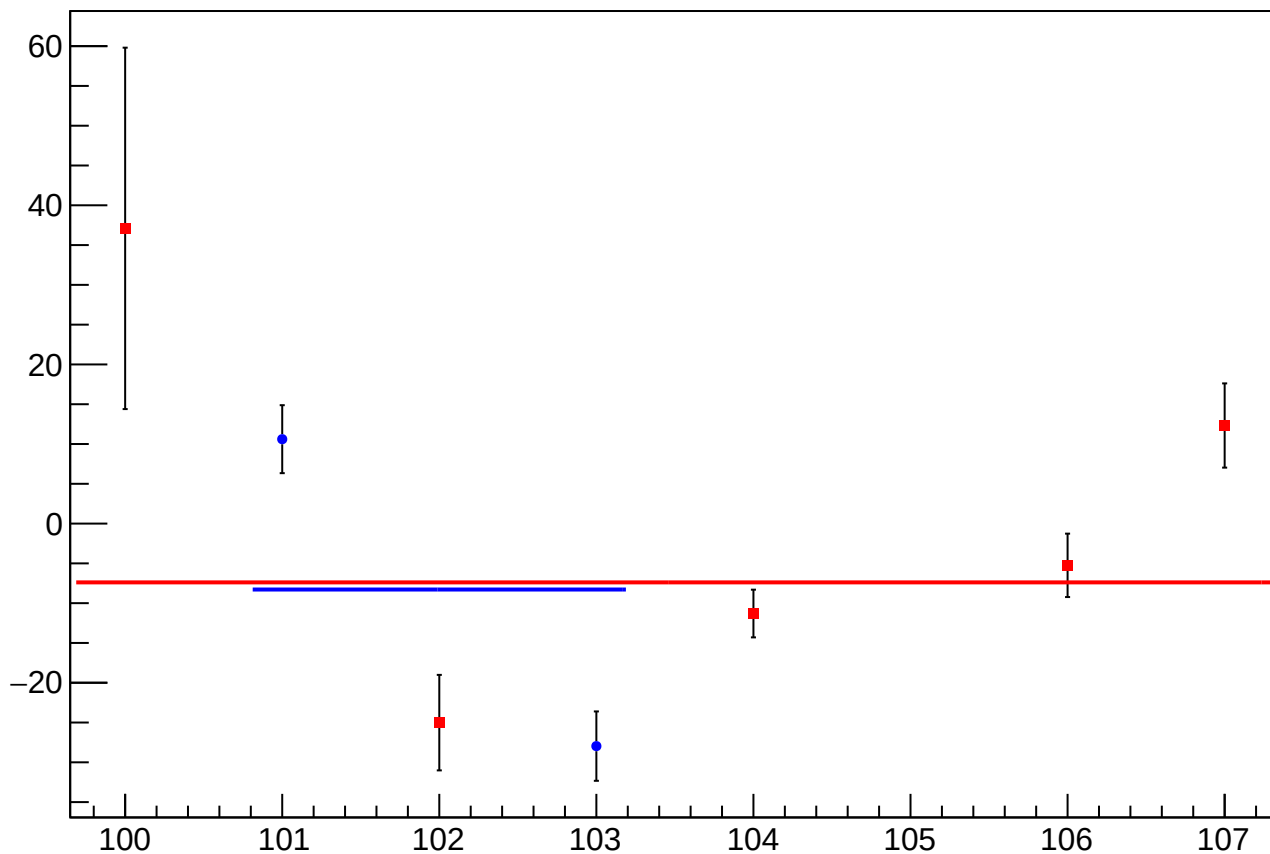
Right: 35.679 $\pm$ 2.022 χ^2 /NDF: 464.3/6

In: 46.535 $\pm$ 3.210 χ^2 /NDF: 8.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 35.679 $\pm$ 2.022 χ^2 /NDF: 464.3/6

reg_asym_us_dd_atlr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.286+/-3.051 χ^2/NDF : 40.0/1

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

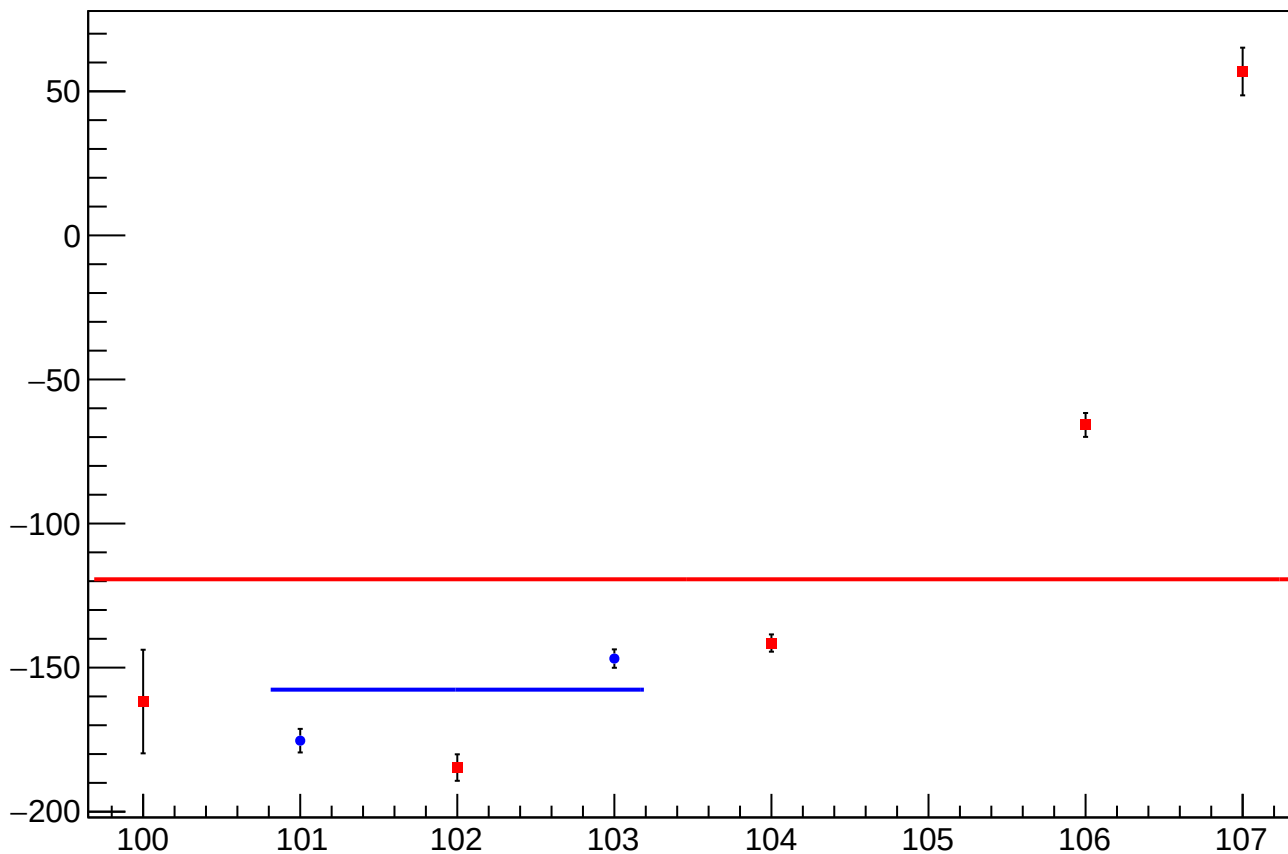
Right: -7.666+/-1.697 χ^2/NDF : 68.3/6

In: -8.286+/-3.051 χ^2/NDF : 40.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.666+/-1.697 χ^2/NDF : 68.3/6

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -157.650+/-2.517 χ^2/NDF : 30.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -119.346+/-2.064 χ^2/NDF : 882.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

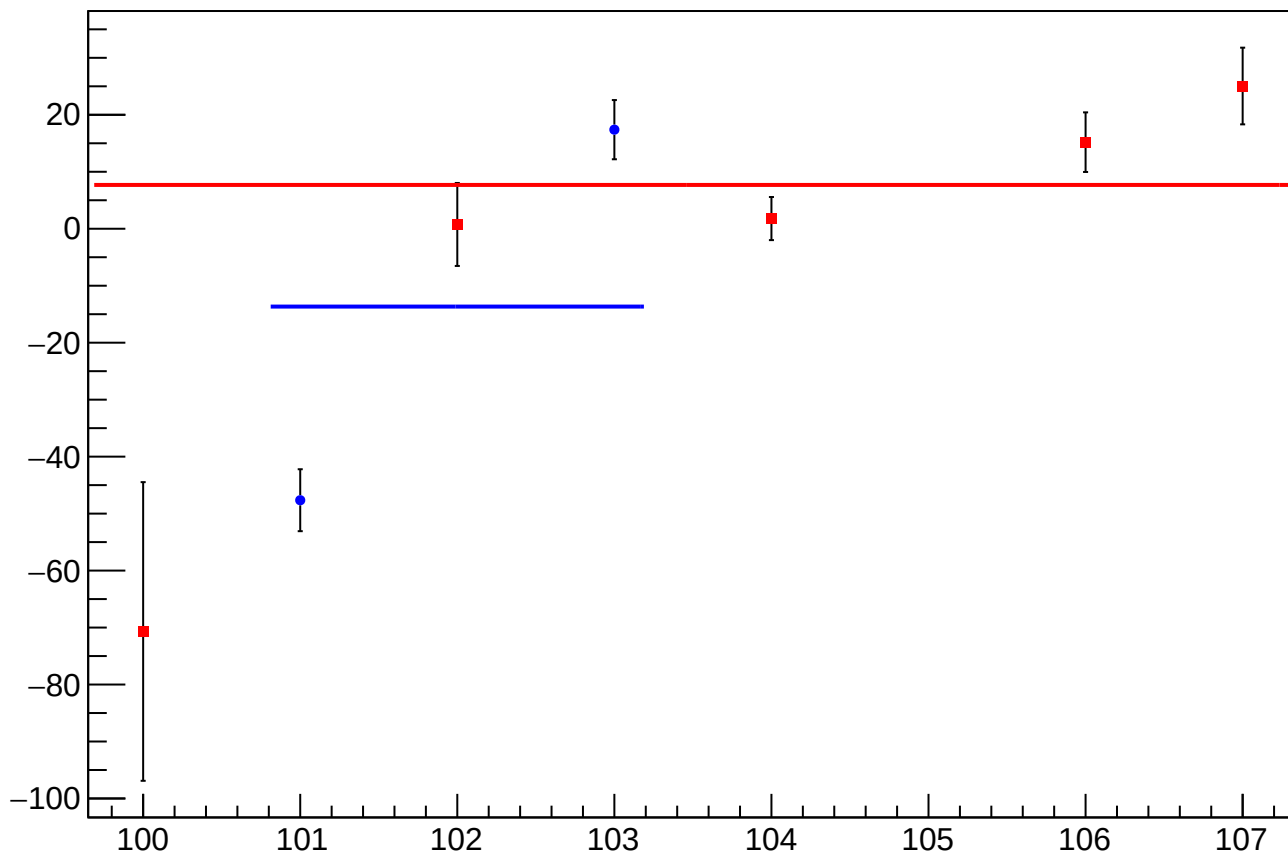
Right: -134.749+/-1.596 χ^2/NDF : 1051.4/6

In: -157.650+/-2.517 χ^2/NDF : 30.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -134.749+/-1.596 χ^2/NDF : 1051.4/6

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -13.661 $\pm$ 3.756 χ^2 /NDF: 74.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 7.689 $\pm$ 2.592 χ^2 /NDF: 21.0/4

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

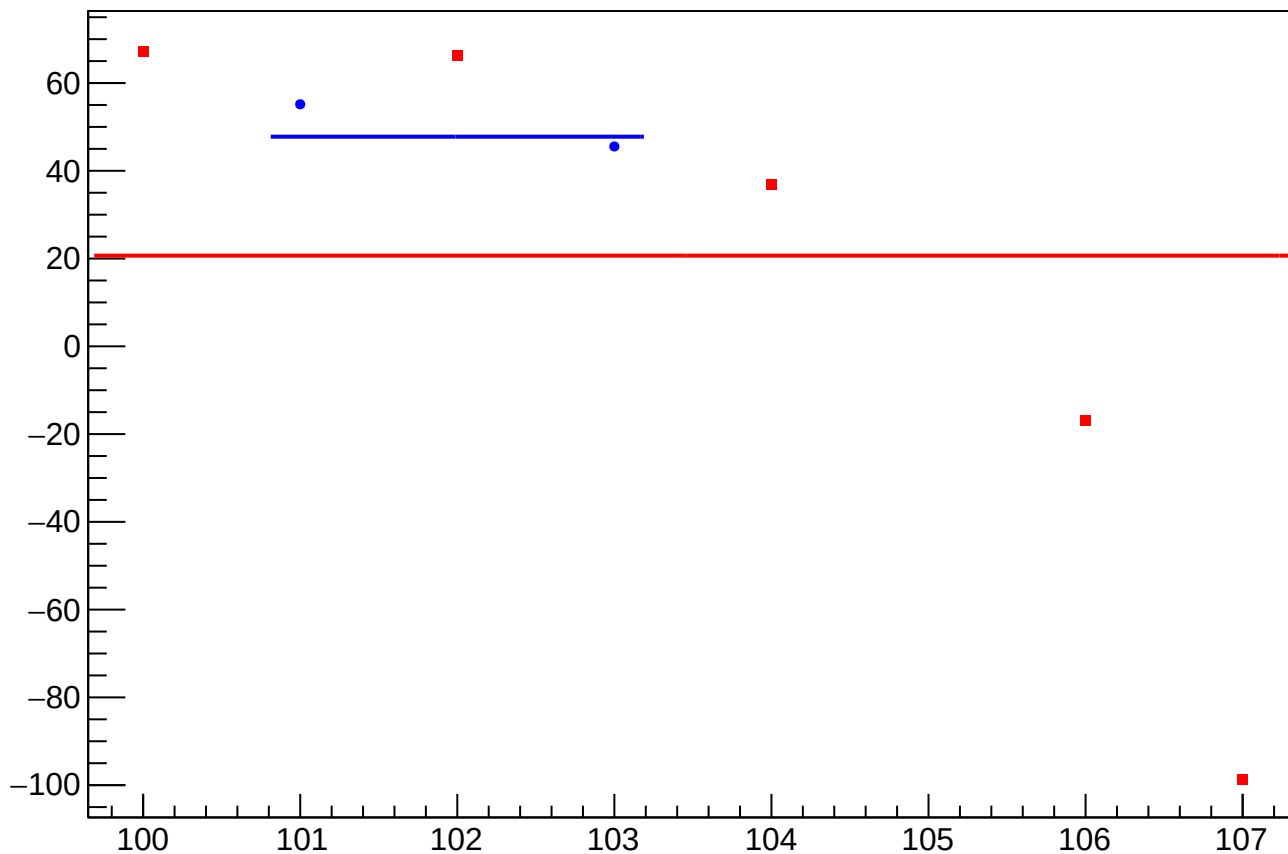
Right: 0.802 $\pm$ 2.133 χ^2 /NDF: 117.7/6

In: -13.661 $\pm$ 3.756 χ^2 /NDF:74.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.802 $\pm$ 2.133 χ^2 /NDF: 117.7/6

reg_asym_us_dd_atlr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 47.773 ± 0.117 $\chi^2/\text{NDF}: 1204.5/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 20.668 ± 0.096 $\chi^2/\text{NDF}: 228120.0/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

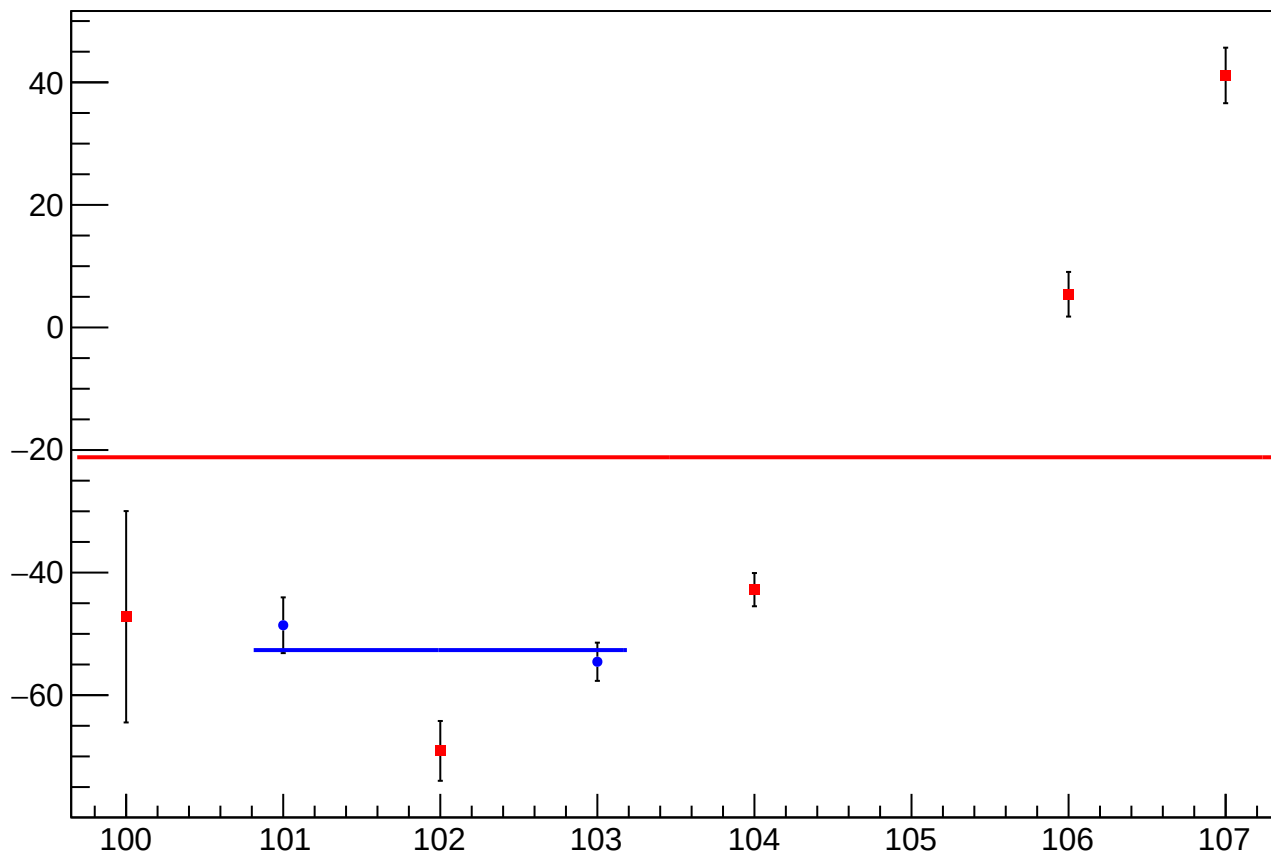
Right: 31.617 ± 0.074 $\chi^2/\text{NDF}: 261355.8/6$

In: 47.773 ± 0.117 $\chi^2/\text{NDF}: 1204.5/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 31.617 ± 0.074 $\chi^2/\text{NDF}: 261355.8/6$

reg_asym_us_dd_atlr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -52.647 ± 2.571 $\chi^2/\text{NDF}: 1.2/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -21.182 ± 1.809 $\chi^2/\text{NDF}: 404.6/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

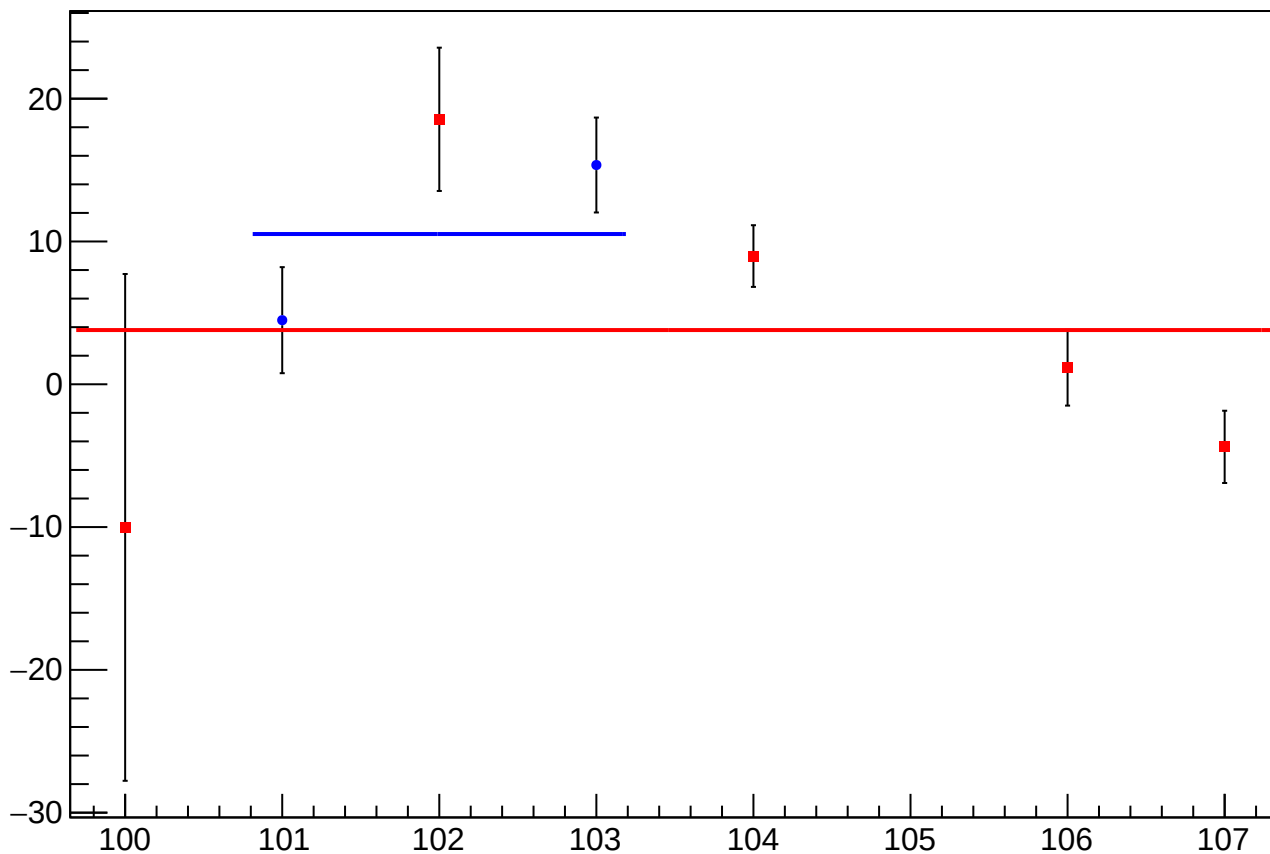
Right: -31.603 ± 1.480 $\chi^2/\text{NDF}: 505.9/6$

In: -52.647 ± 2.571 $\chi^2/\text{NDF}: 1.2/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -31.603 ± 1.480 $\chi^2/\text{NDF}: 505.9/6$

reg_asym_us_dd_atlr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.522 $\pm$ 2.476 χ^2 /NDF: 4.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.797 $\pm$ 1.342 χ^2 /NDF: 26.5/4

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

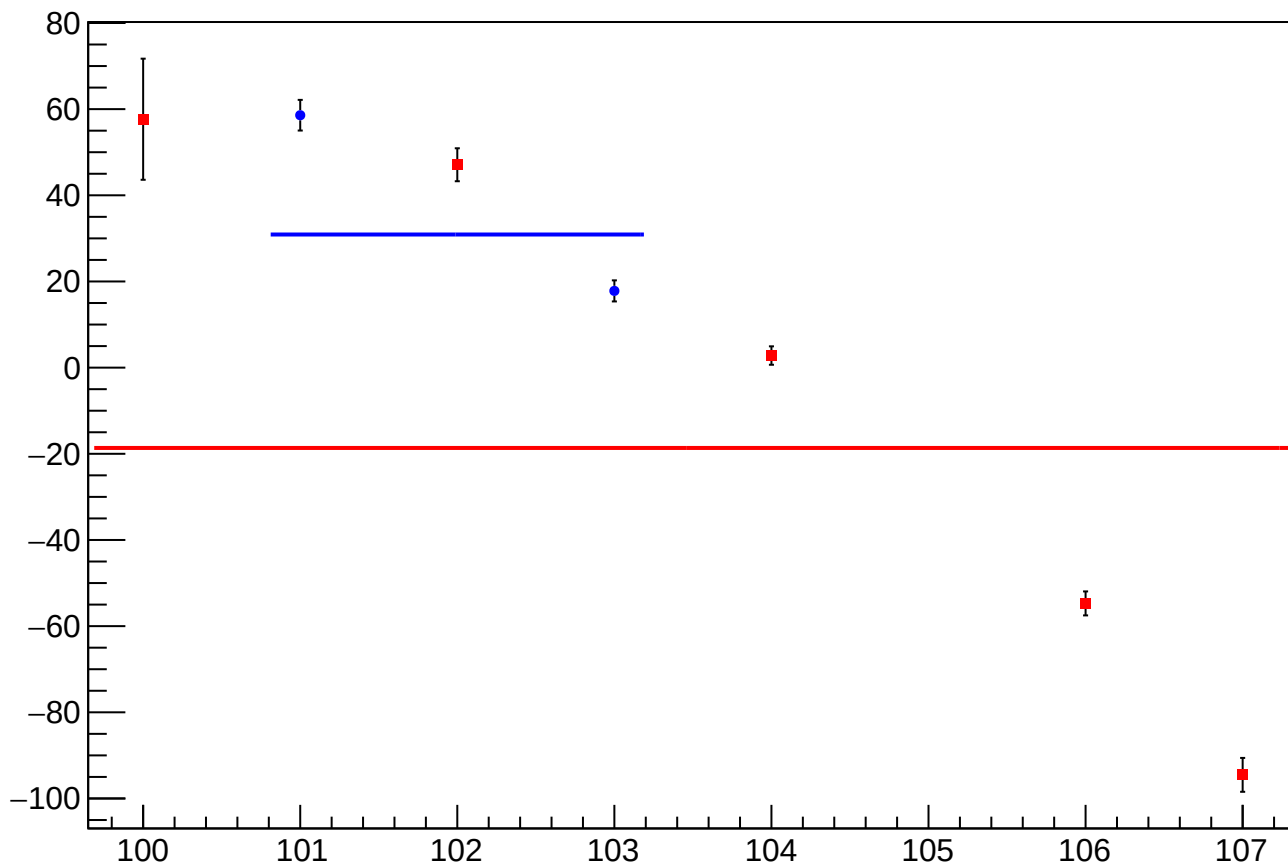
Right: 5.323 $\pm$ 1.180 χ^2 /NDF: 36.9/6

In: 10.522 $\pm$ 2.476 χ^2 /NDF: 4.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.323 $\pm$ 1.180 χ^2 /NDF: 36.9/6

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 30.900+/-2.016 χ^2 /NDF: 89.2/1

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

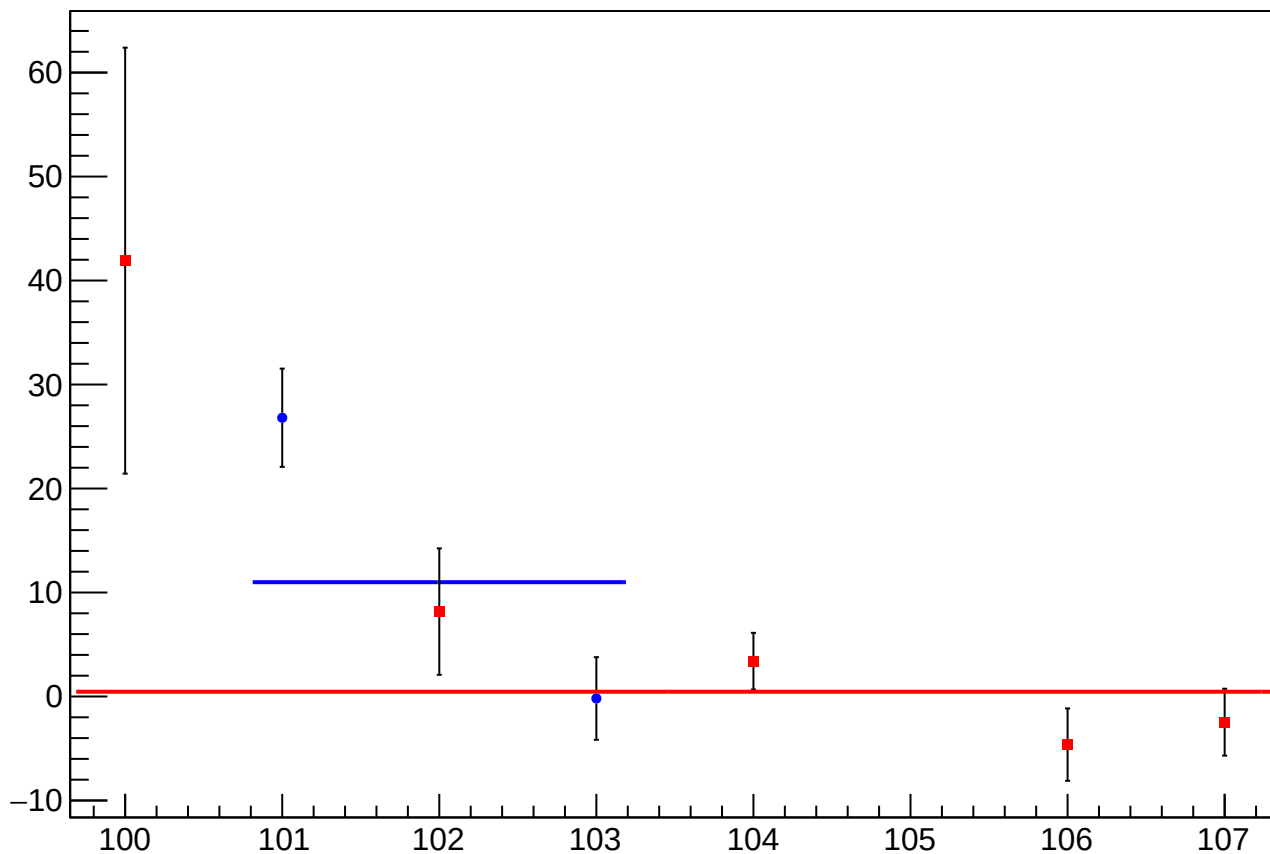
Right: -1.981+/-1.169 χ^2 /NDF: 1455.9/6

In: 30.900+/-2.016 χ^2 /NDF:89.2/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1.981+/-1.169 χ^2 /NDF: 1455.9/6

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.992 $\pm$ 3.041 χ^2 /NDF: 19.1/1

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

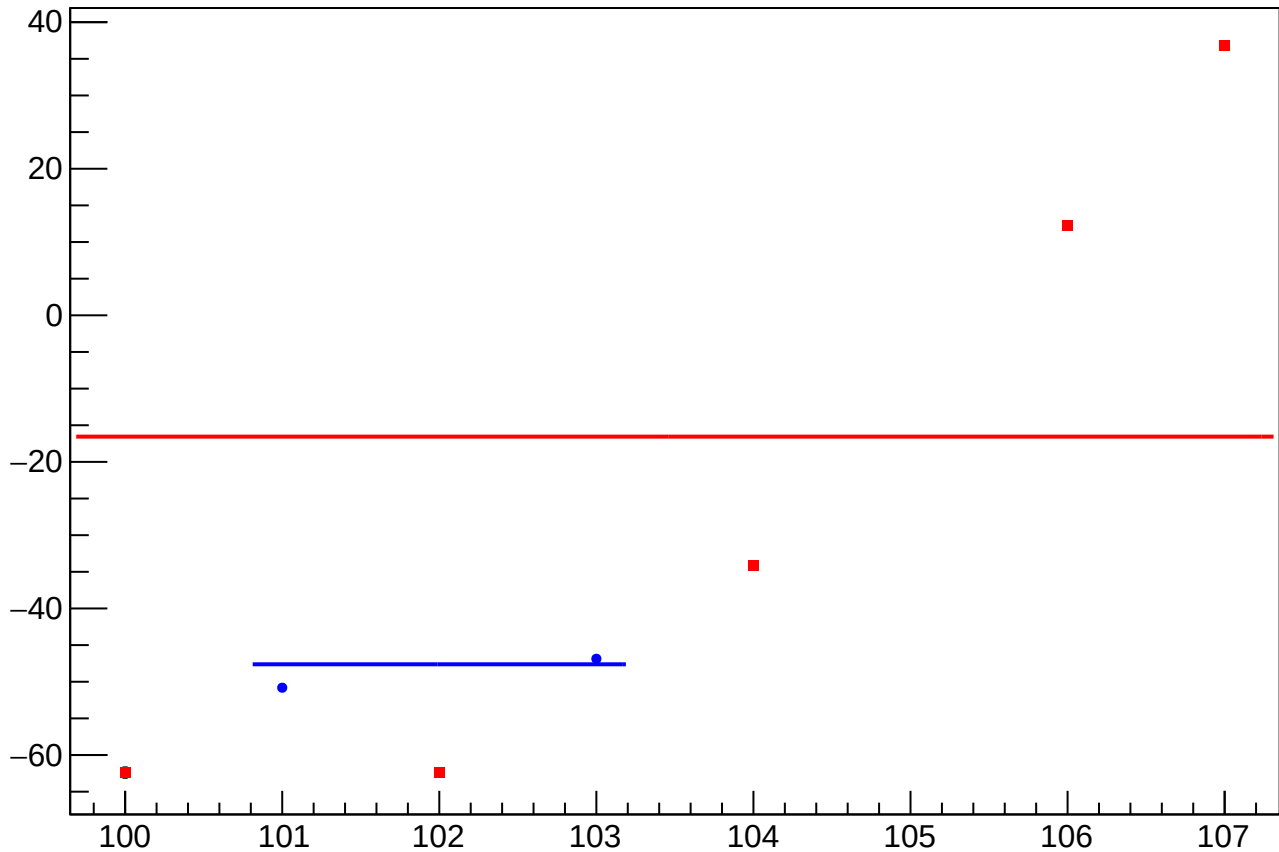
Right: 2.982 $\pm$ 1.488 χ^2 /NDF: 38.1/6

In: 10.992 $\pm$ 3.041 χ^2 /NDF: 19.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.982 $\pm$ 1.488 χ^2 /NDF: 38.1/6

reg_asym_us_dd_atlr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -47.620 ± 0.092 χ^2/NDF : 283.6/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -16.553 ± 0.068 χ^2/NDF : 259165.7/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

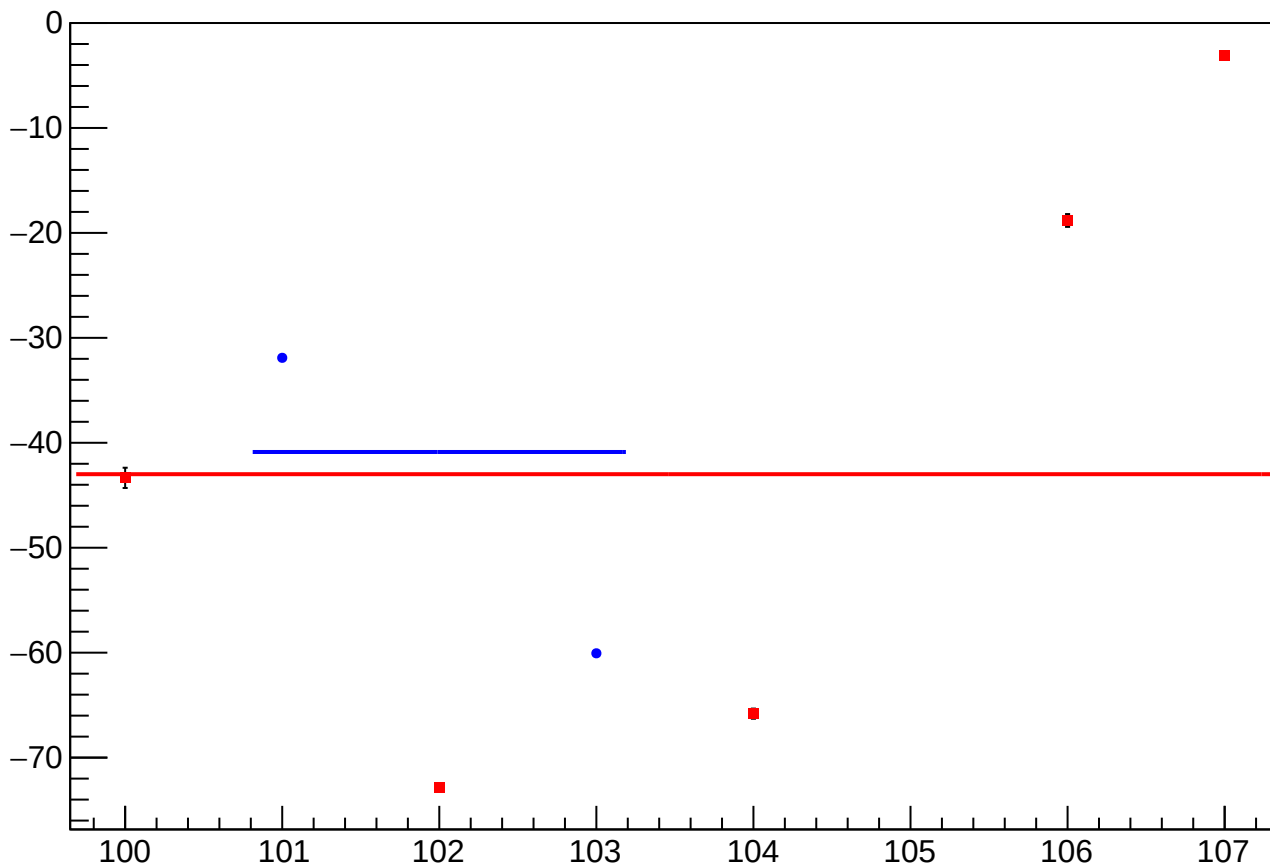
Right: -27.464 ± 0.055 χ^2/NDF : 332983.0/6

In: -47.620 ± 0.092 χ^2/NDF : 283.6/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -27.464 ± 0.055 χ^2/NDF : 332983.0/6

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -40.876 ± 0.244 $\chi^2/\text{NDF}: 2895.7/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -42.992 ± 0.240 $\chi^2/\text{NDF}: 15280.7/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

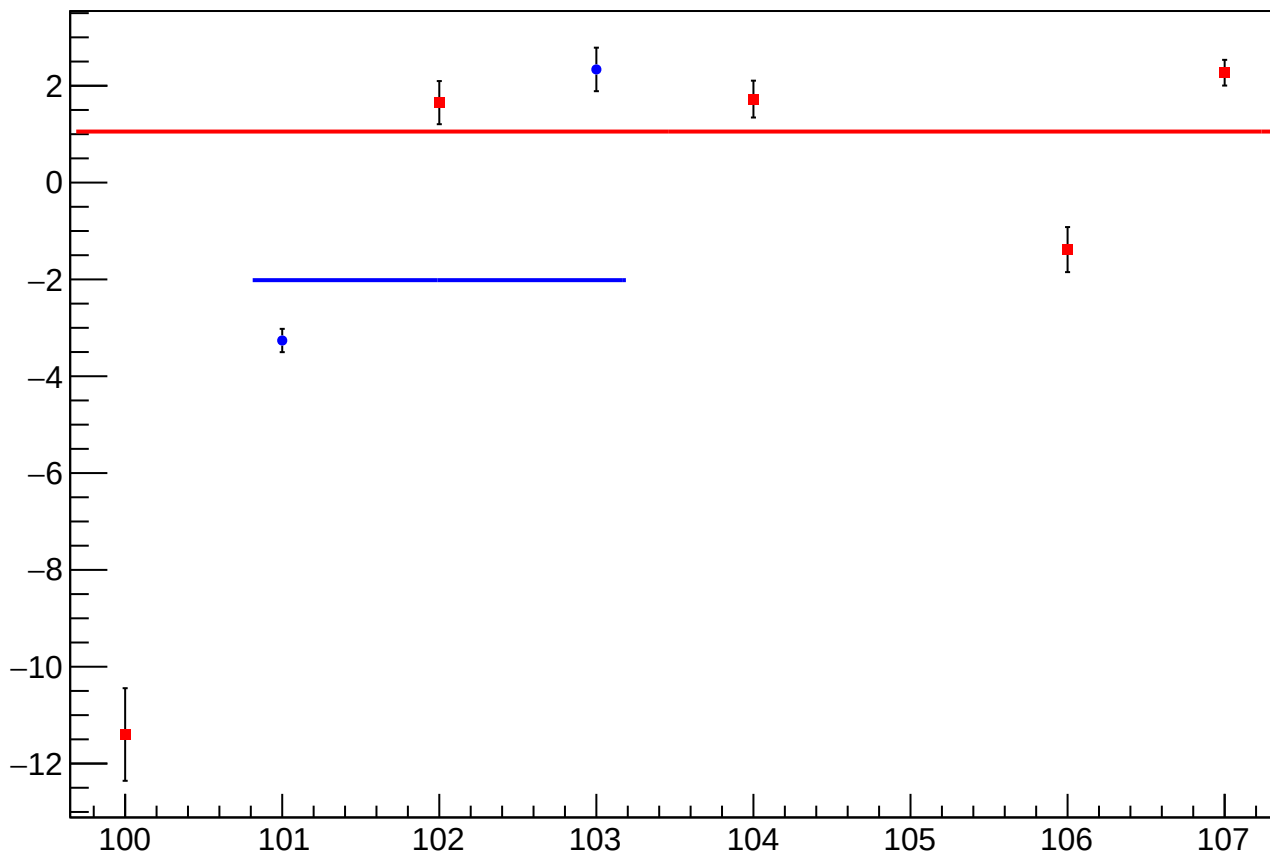
Right: -41.952 ± 0.171 $\chi^2/\text{NDF}: 18214.7/6$

In: -40.876 ± 0.244 $\chi^2/\text{NDF}: 2895.7/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -41.952 ± 0.171 $\chi^2/\text{NDF}: 18214.7/6$

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.015+/-0.212 χ^2/NDF : 120.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.054+/-0.177 χ^2/NDF : 222.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

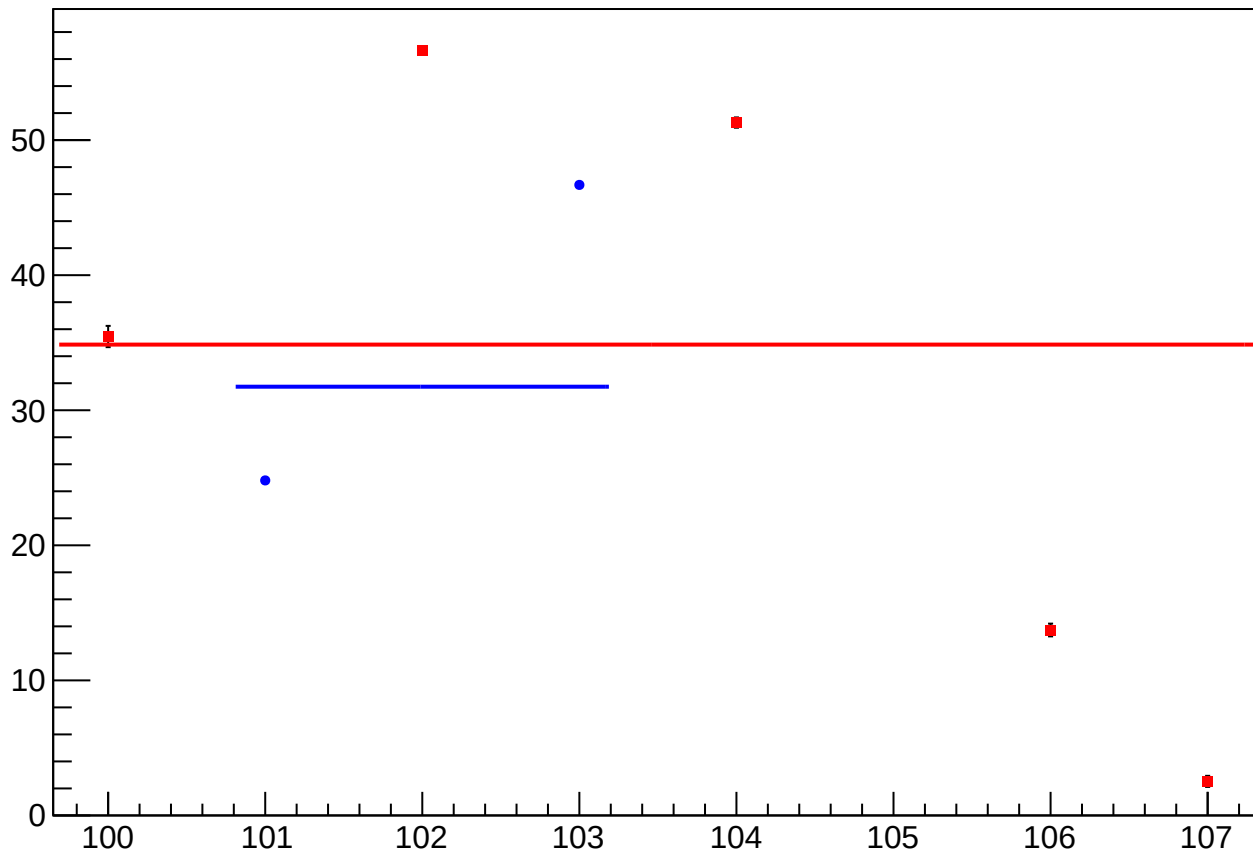
Right: -0.208+/-0.136 χ^2/NDF : 466.9/6

In: -2.015+/-0.212 χ^2/NDF : 120.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.208+/-0.136 χ^2/NDF : 466.9/6

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 31.743+/-0.191 χ^2/NDF : 2844.6/1

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

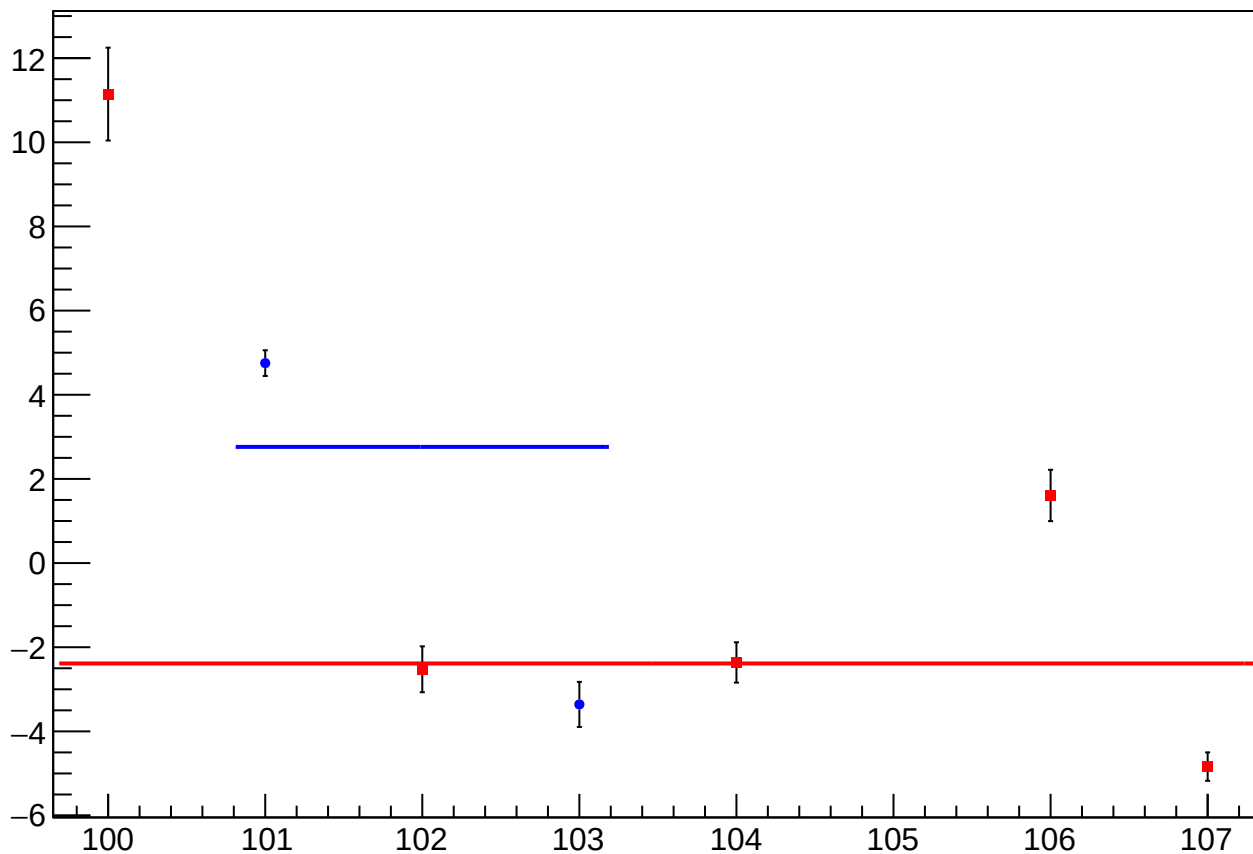
Right: 33.286+/-0.136 χ^2/NDF : 16816.3/6

In: 31.743+/-0.191 χ^2/NDF : 2844.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.286+/-0.136 χ^2/NDF : 16816.3/6

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.761 ± 0.265 χ^2/NDF : 172.9/1

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

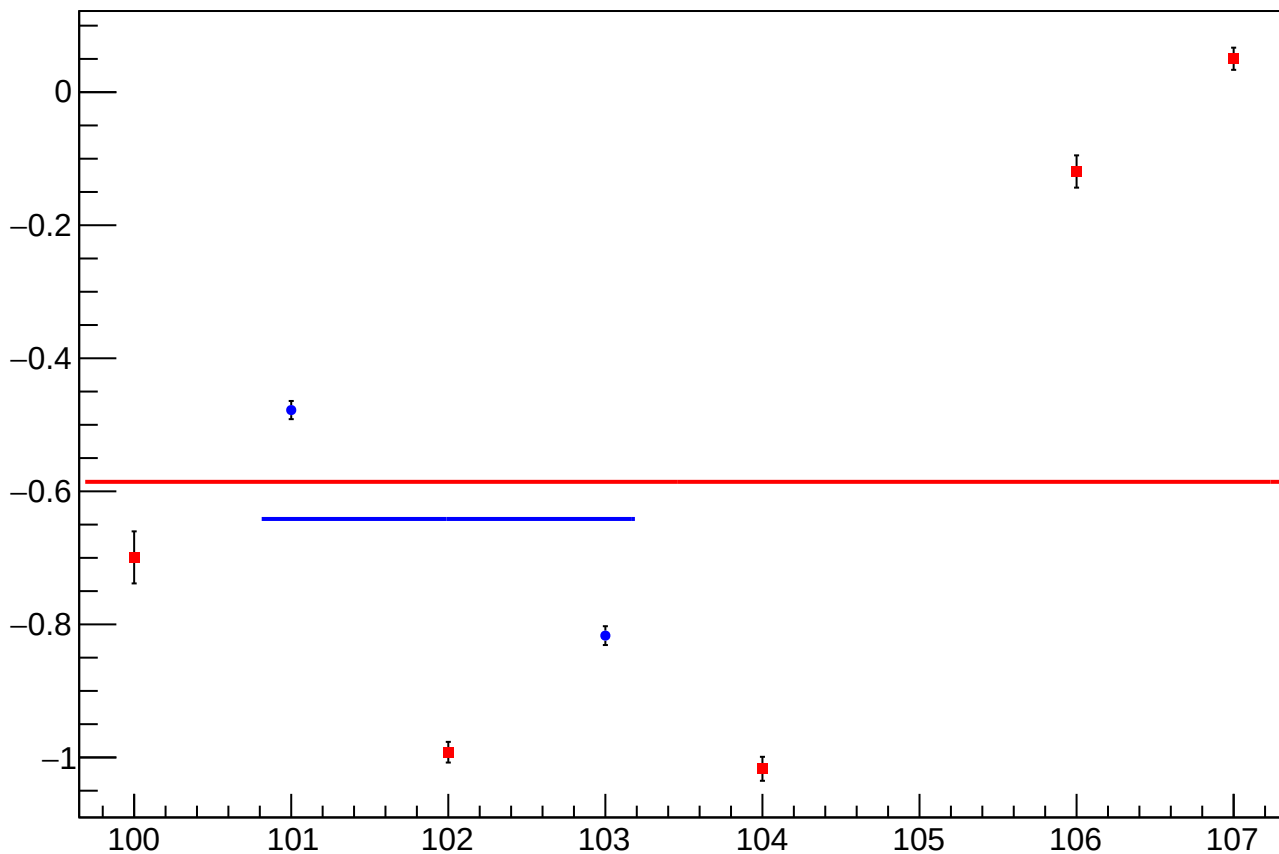
Right: -0.249 ± 0.171 χ^2/NDF : 638.8/6

In: 2.761 ± 0.265 χ^2/NDF : 172.9/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.249 ± 0.171 χ^2/NDF : 638.8/6

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.642+/-0.010 χ^2 /NDF: 297.1/1

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

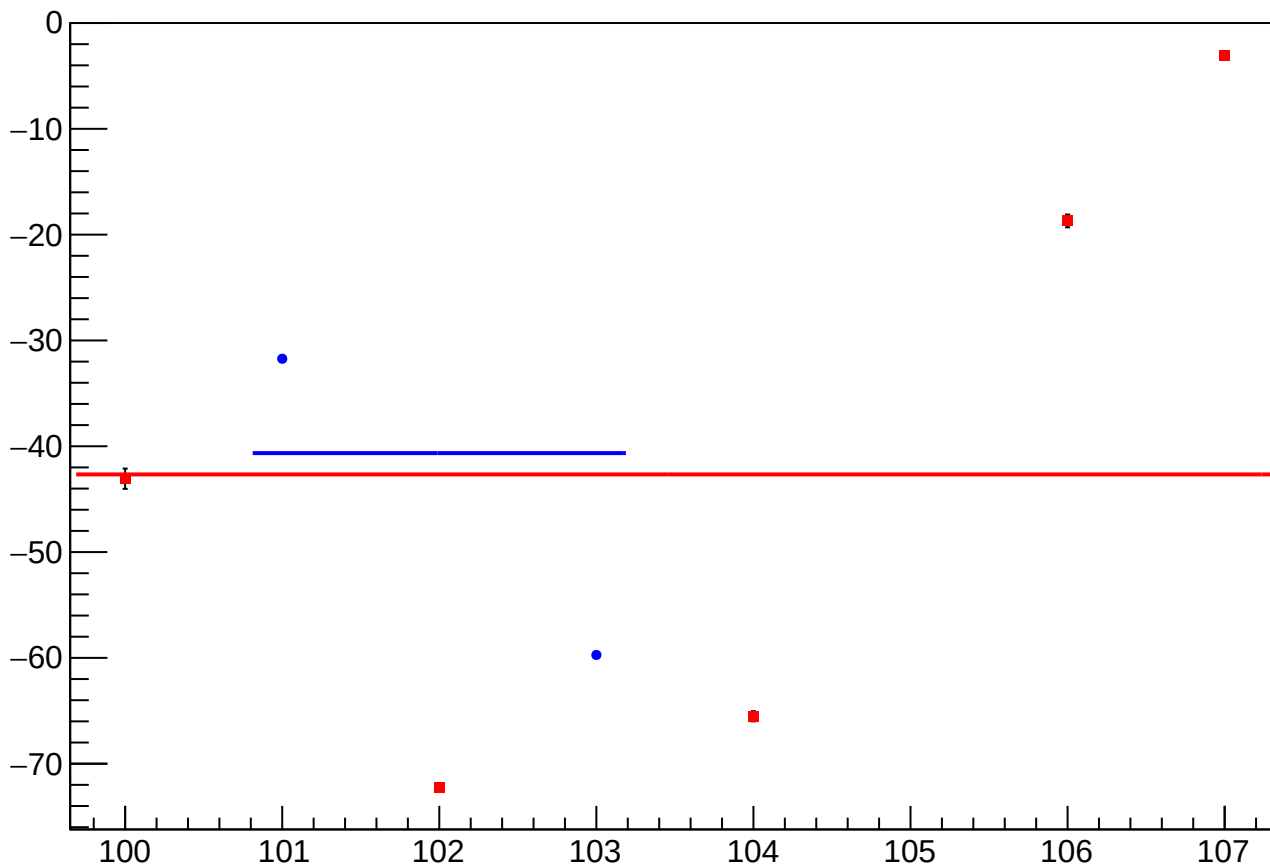
Right: -0.610+/-0.007 χ^2 /NDF: 3406.3/6

In: -0.642+/-0.010 χ^2 /NDF:297.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.610+/-0.007 χ^2 /NDF: 3406.3/6

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -40.647 +/- 0.243 χ^2/NDF : 2891.5/1

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -42.662 +/- 0.238 χ^2/NDF : 15293.5/4

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

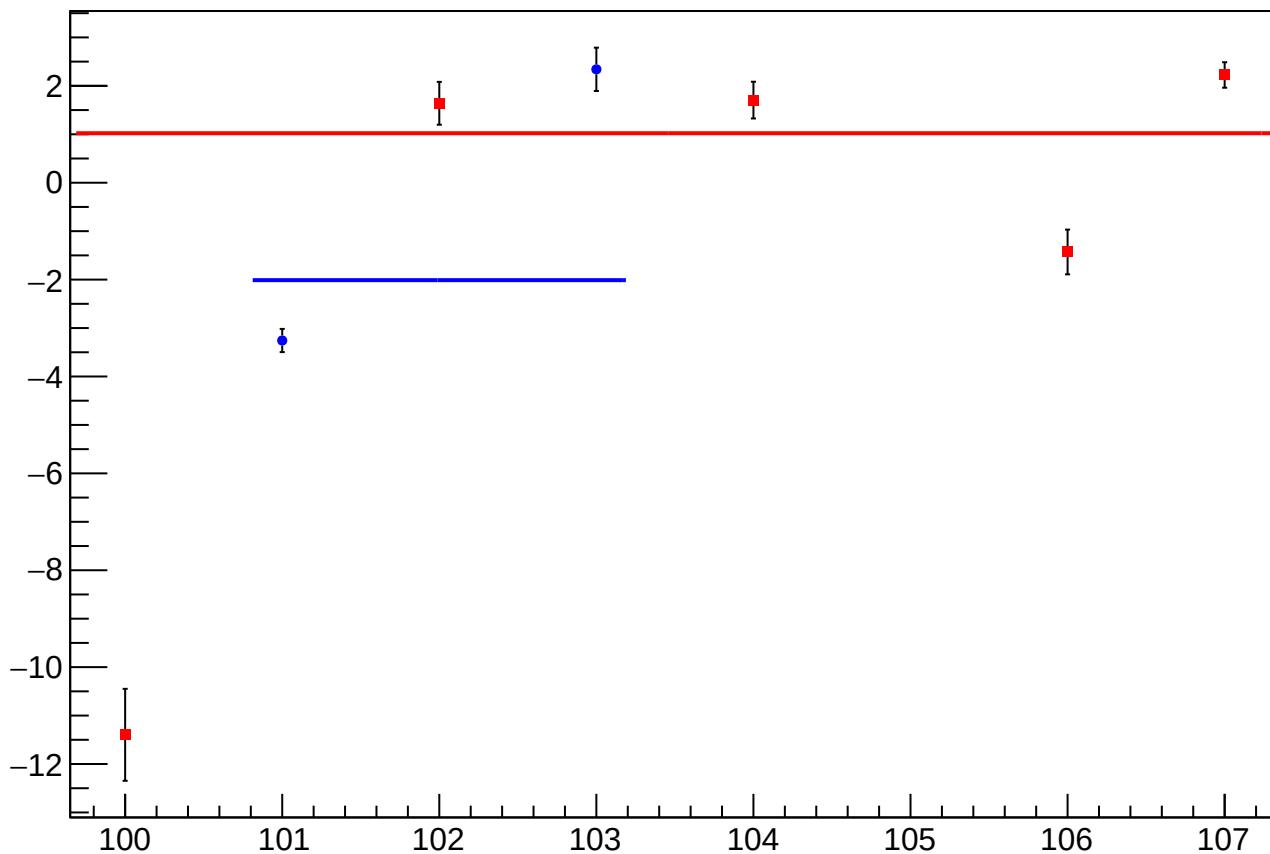
Right: -41.674 +/- 0.170 χ^2/NDF : 18220.1/6

In: -40.647 +/- 0.243 χ^2/NDF : 2891.5/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -41.674 +/- 0.170 χ^2/NDF : 18220.1/6

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.011+/-0.211 χ^2/NDF : 121.8/1

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

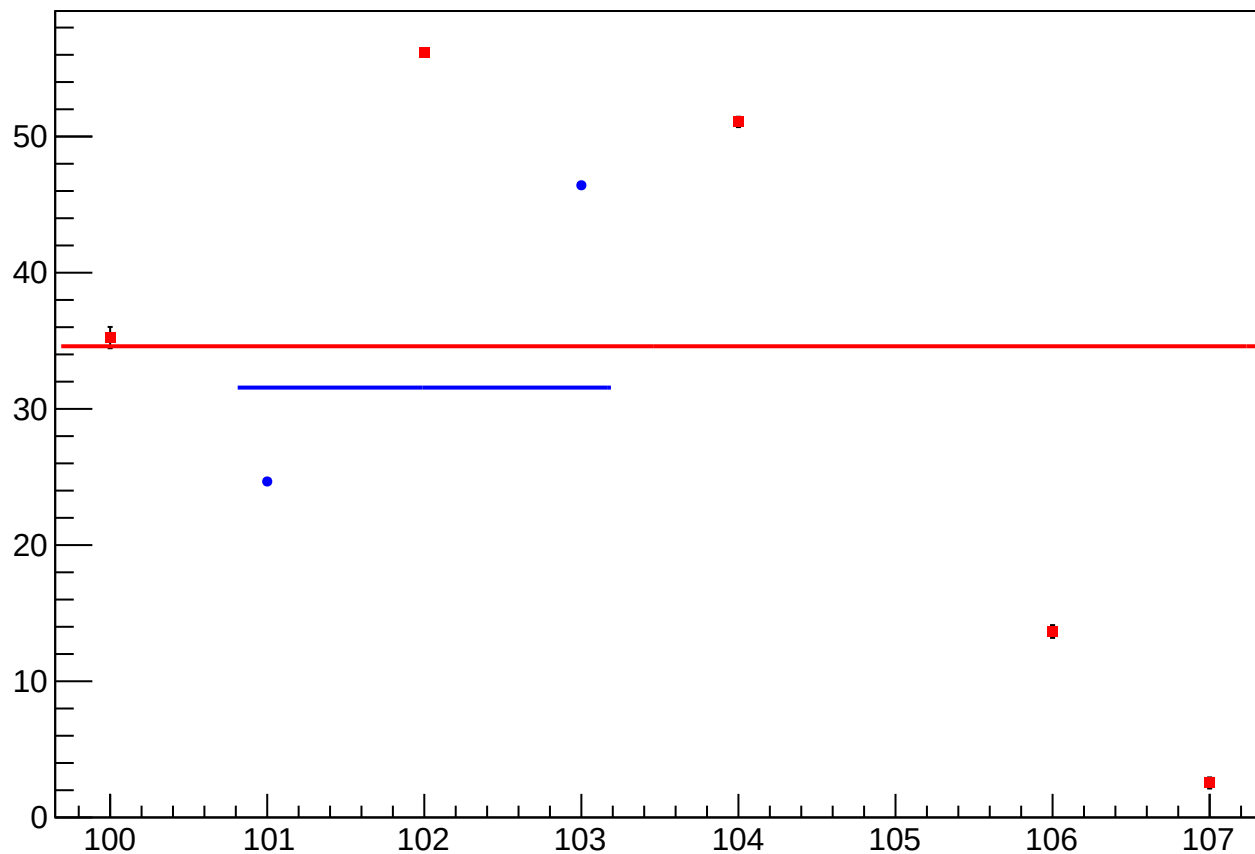
Right: -0.222+/-0.135 χ^2/NDF : 469.3/6

In: -2.011+/-0.211 χ^2/NDF : 121.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.222+/-0.135 χ^2/NDF : 469.3/6

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 31.565+/-0.190 χ^2/NDF : 2840.3/1

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

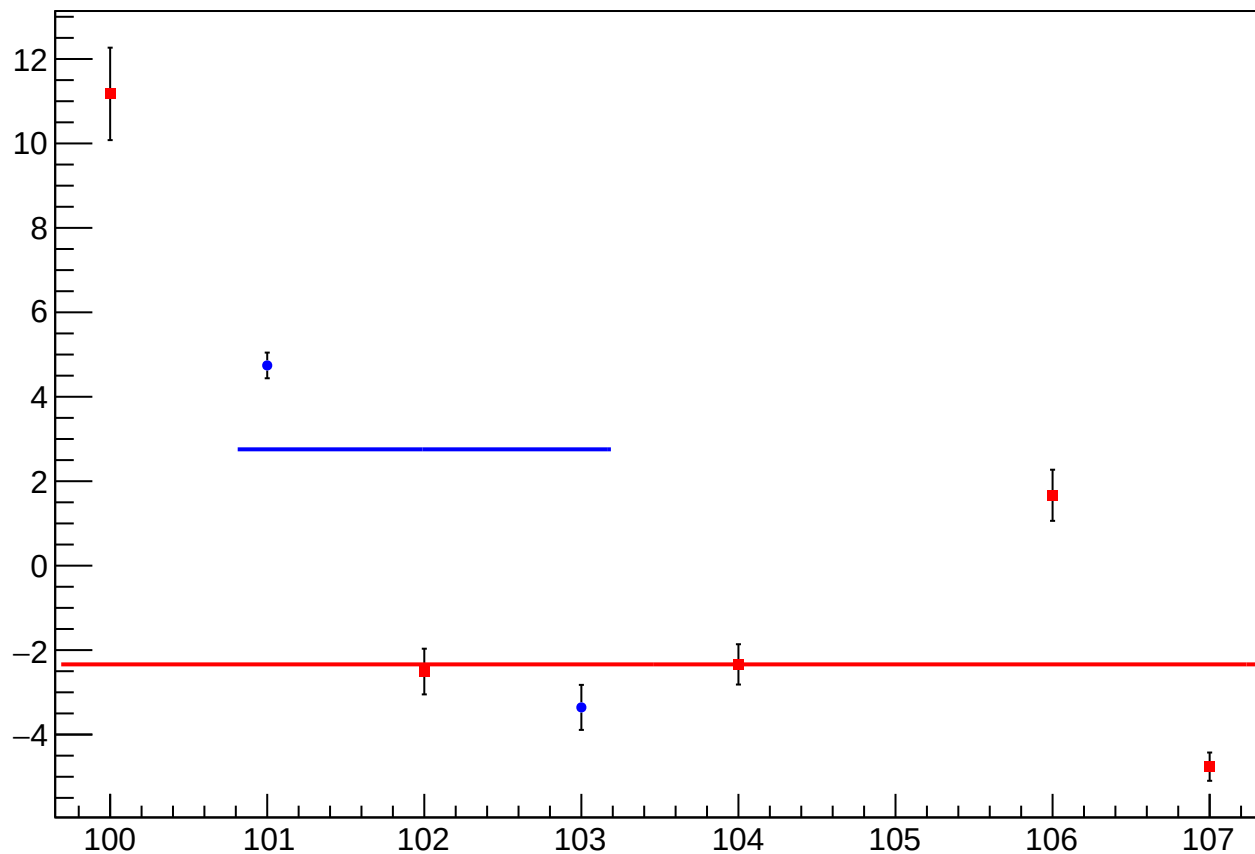
Right: 33.069+/-0.135 χ^2/NDF : 16816.0/6

In: 31.565+/-0.190 χ^2/NDF : 2840.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.069+/-0.135 χ^2/NDF : 16816.0/6

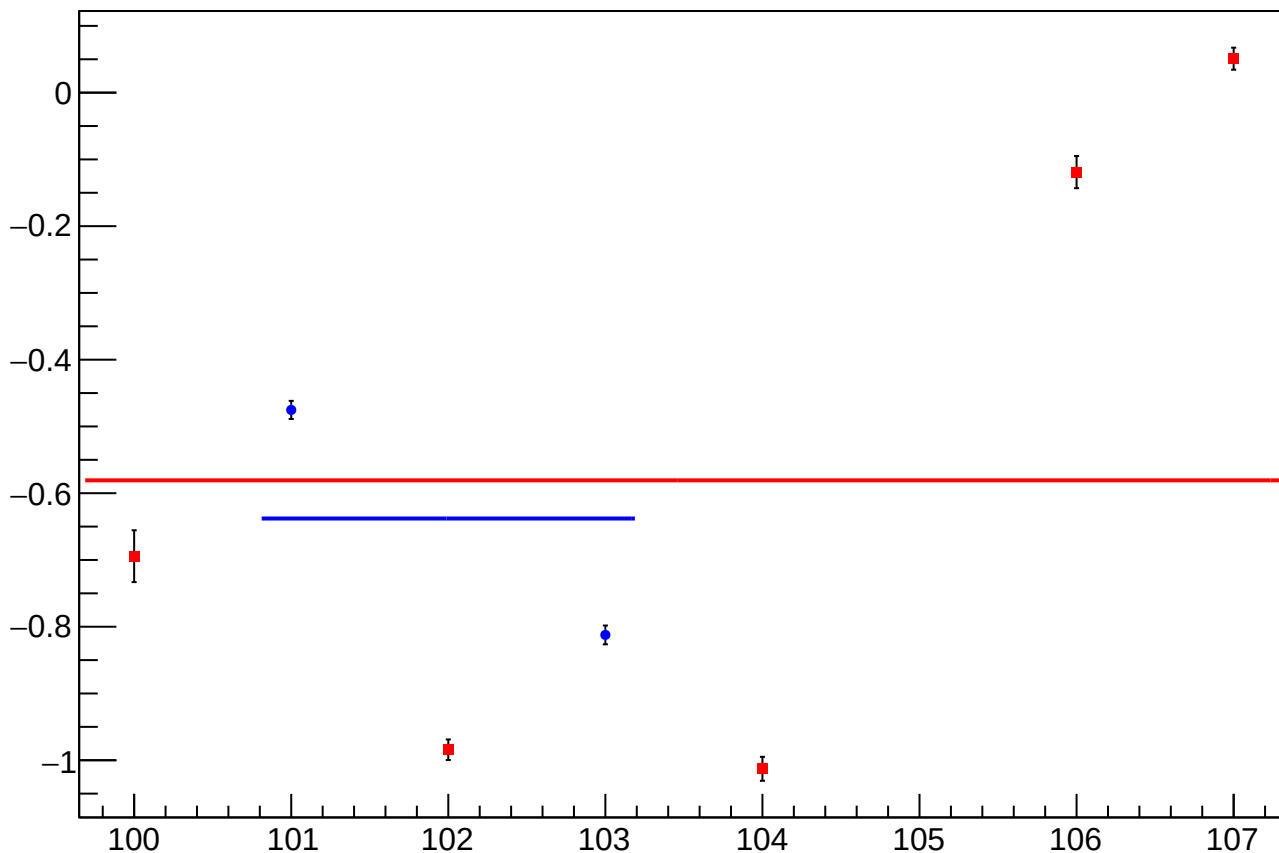
reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.755+/-0.264 χ^2/NDF : 174.2/1
 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: -0.229+/-0.170 χ^2/NDF : 640.7/6
 In: 2.755+/-0.264 χ^2/NDF : 174.2/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.229+/-0.170 χ^2/NDF : 640.7/6

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.638 ± 0.010 χ^2/NDF : 296.6/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.581 ± 0.009 χ^2/NDF : 3102.1/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

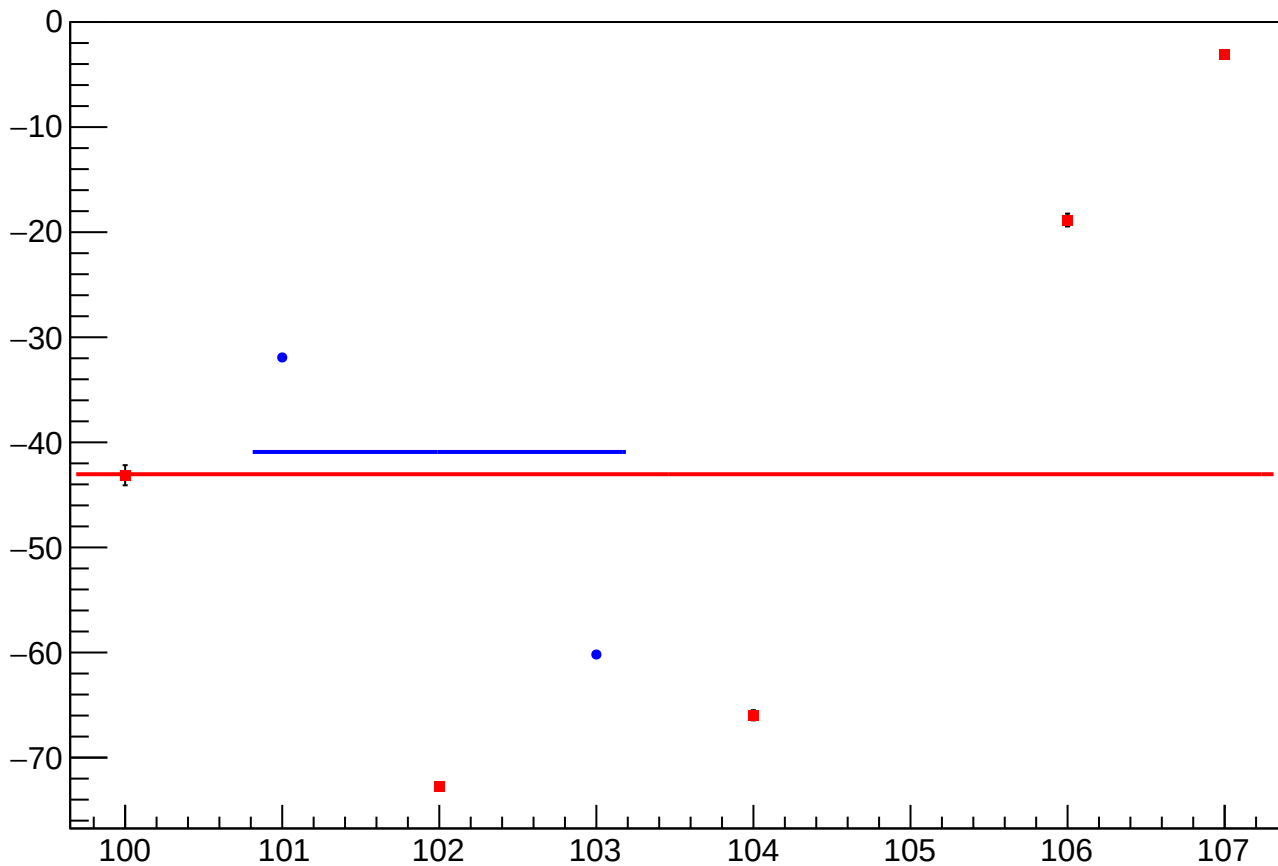
Right: -0.606 ± 0.006 χ^2/NDF : 3417.9/6

In: -0.638 ± 0.010 χ^2/NDF : 296.6/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.606 ± 0.006 χ^2/NDF : 3417.9/6

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -40.914 ± 0.244 $\chi^2/\text{NDF}: 2912.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -43.033 ± 0.240 $\chi^2/\text{NDF}: 15230.6/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

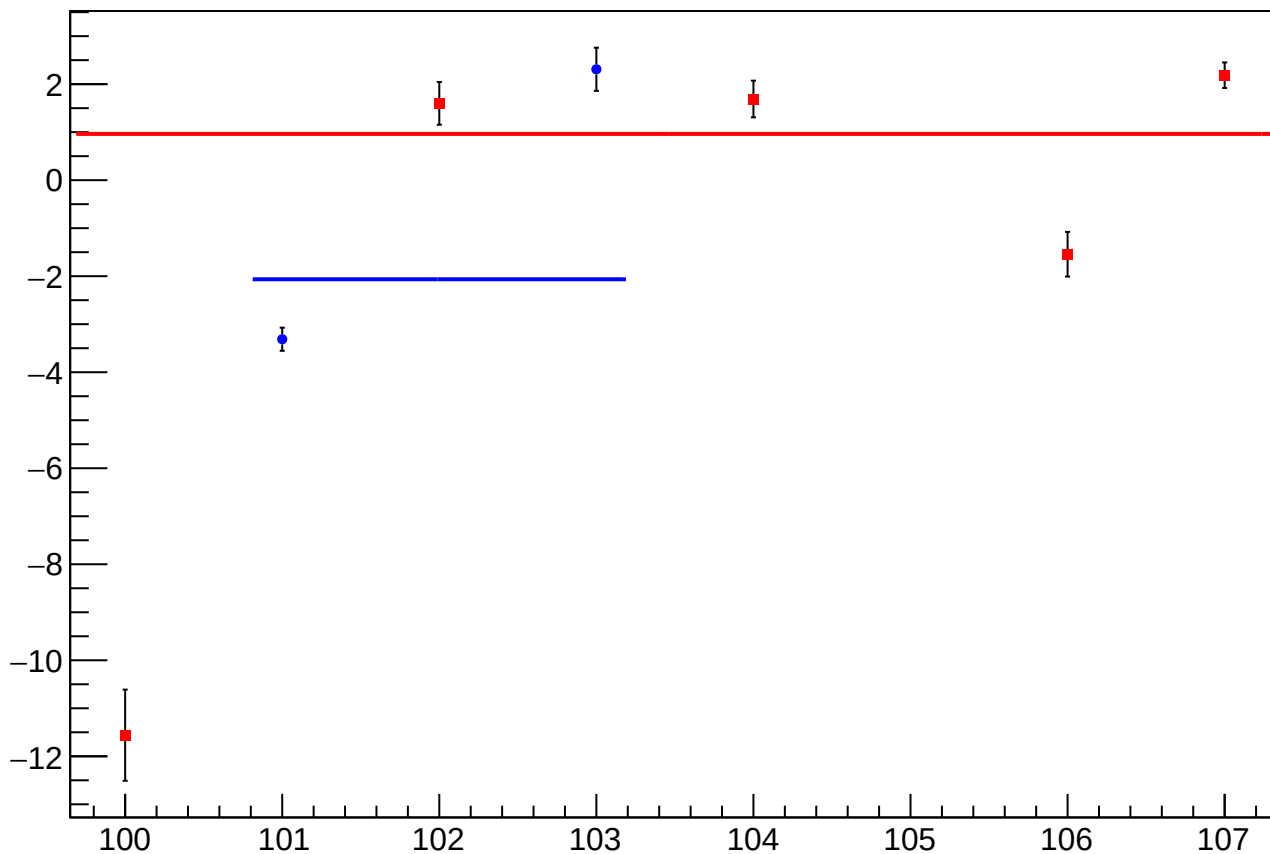
Right: -41.992 ± 0.171 $\chi^2/\text{NDF}: 18181.8/6$

In: -40.914 ± 0.244 $\chi^2/\text{NDF}: 2912.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -41.992 ± 0.171 $\chi^2/\text{NDF}: 18181.8/6$

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.064+/-0.212 χ^2/NDF : 121.4/1

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

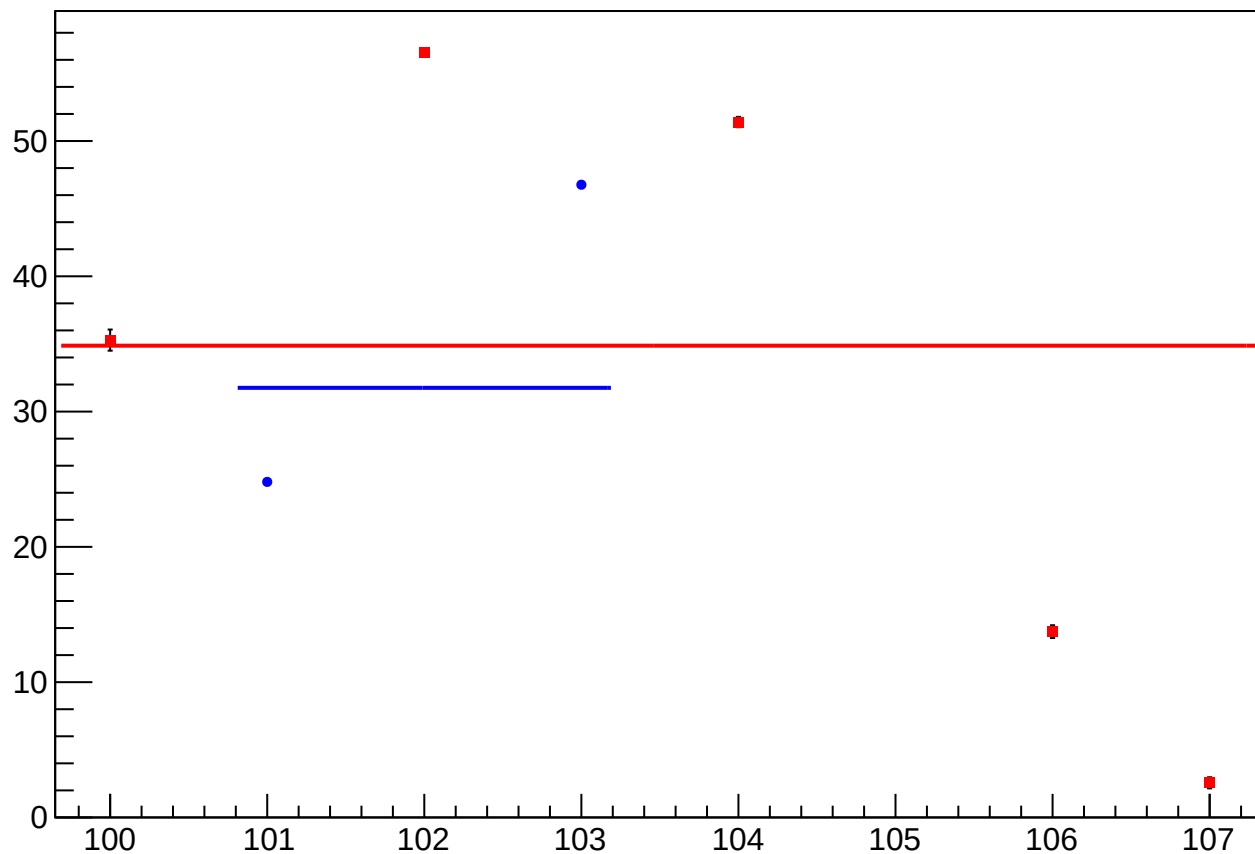
Right: -0.282+/-0.136 χ^2/NDF : 471.0/6

In: -2.064+/-0.212 χ^2/NDF : 121.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.282+/-0.136 χ^2/NDF : 471.0/6

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 31.756+/-0.191 χ^2/NDF : 2861.1/1

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

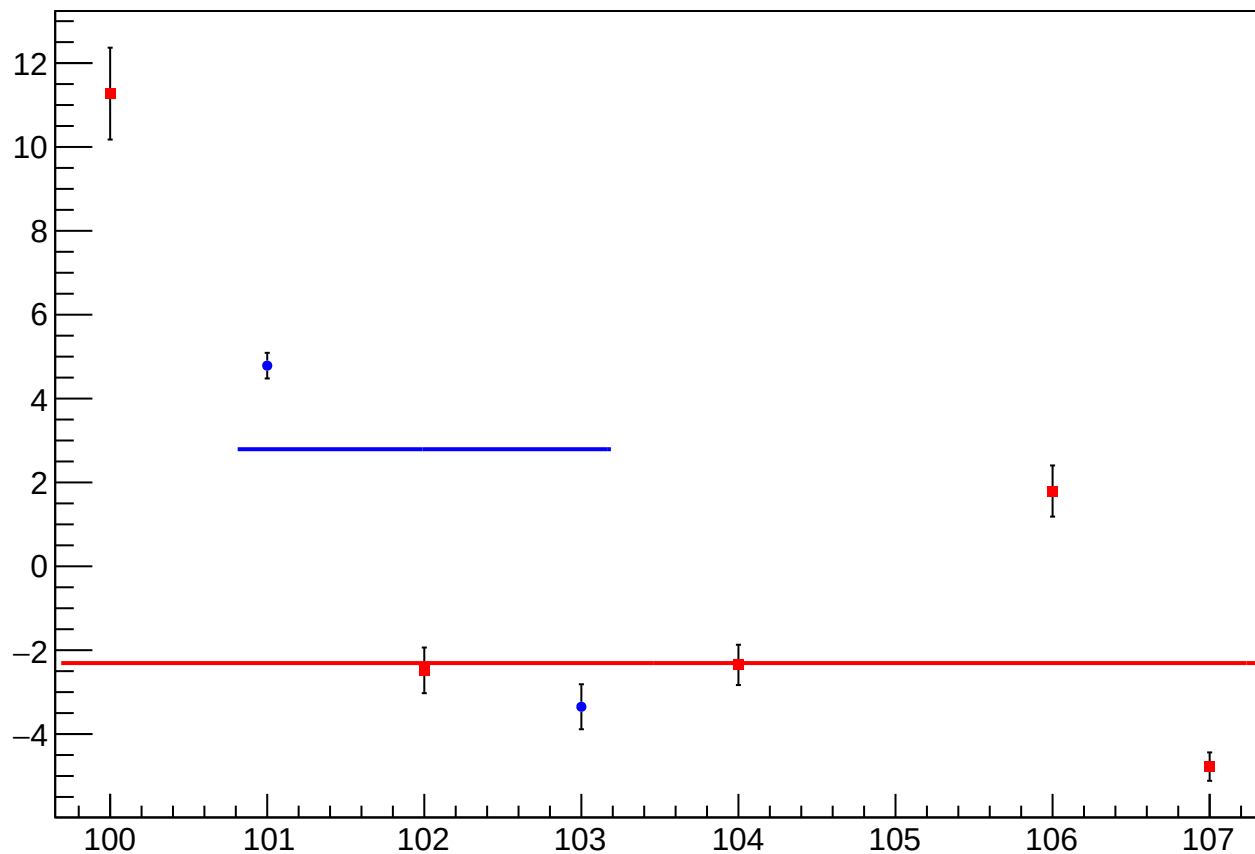
Right: 33.298+/-0.136 χ^2/NDF : 16788.1/6

In: 31.756+/-0.191 χ^2/NDF : 2861.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.298+/-0.136 χ^2/NDF : 16788.1/6

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.792 $\pm$ 0.266 χ^2 /NDF: 173.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.307 $\pm$ 0.224 χ^2 /NDF: 252.3/4

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

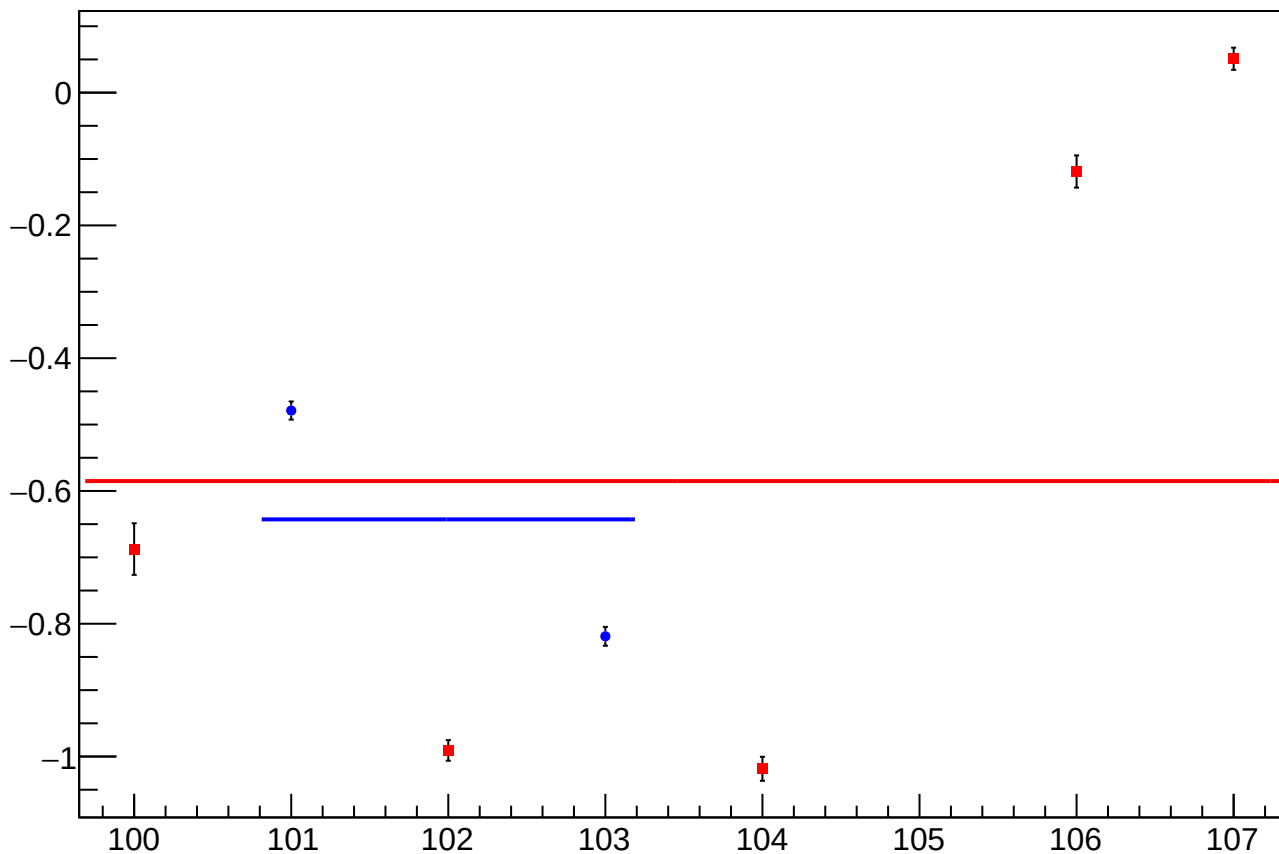
Right: -0.189 $\pm$ 0.171 χ^2 /NDF: 641.3/6

In: 2.792 $\pm$ 0.266 χ^2 /NDF: 173.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.189 $\pm$ 0.171 χ^2 /NDF: 641.3/6

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.643 ± 0.010 χ^2/NDF : 298.3/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.585 ± 0.009 χ^2/NDF : 3086.7/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

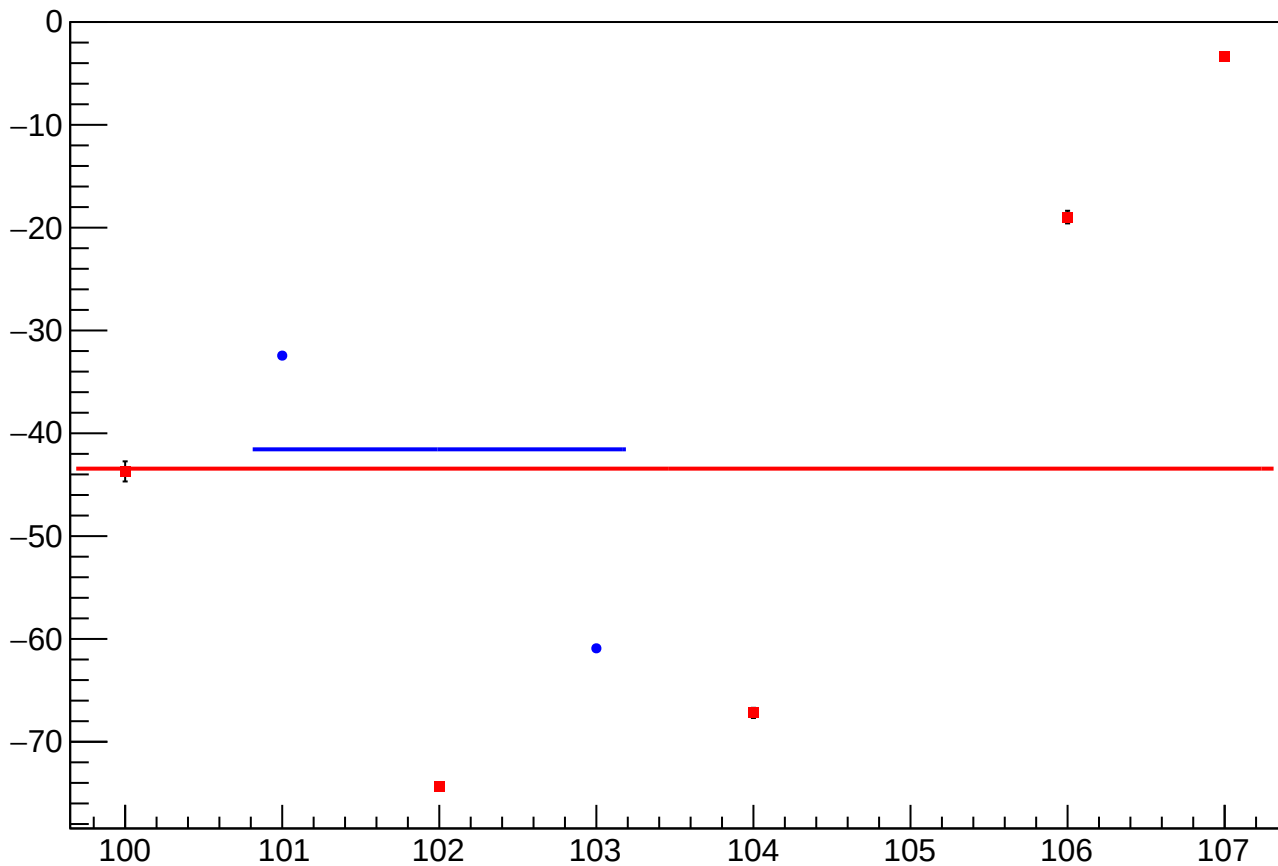
Right: -0.610 ± 0.007 χ^2/NDF : 3404.3/6

In: -0.643 ± 0.010 χ^2/NDF : 298.3/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.610 ± 0.007 χ^2/NDF : 3404.3/6

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -41.559 $\pm$ 0.249 χ^2 /NDF: 2834.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -43.437 $\pm$ 0.244 χ^2 /NDF: 15422.2/4

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

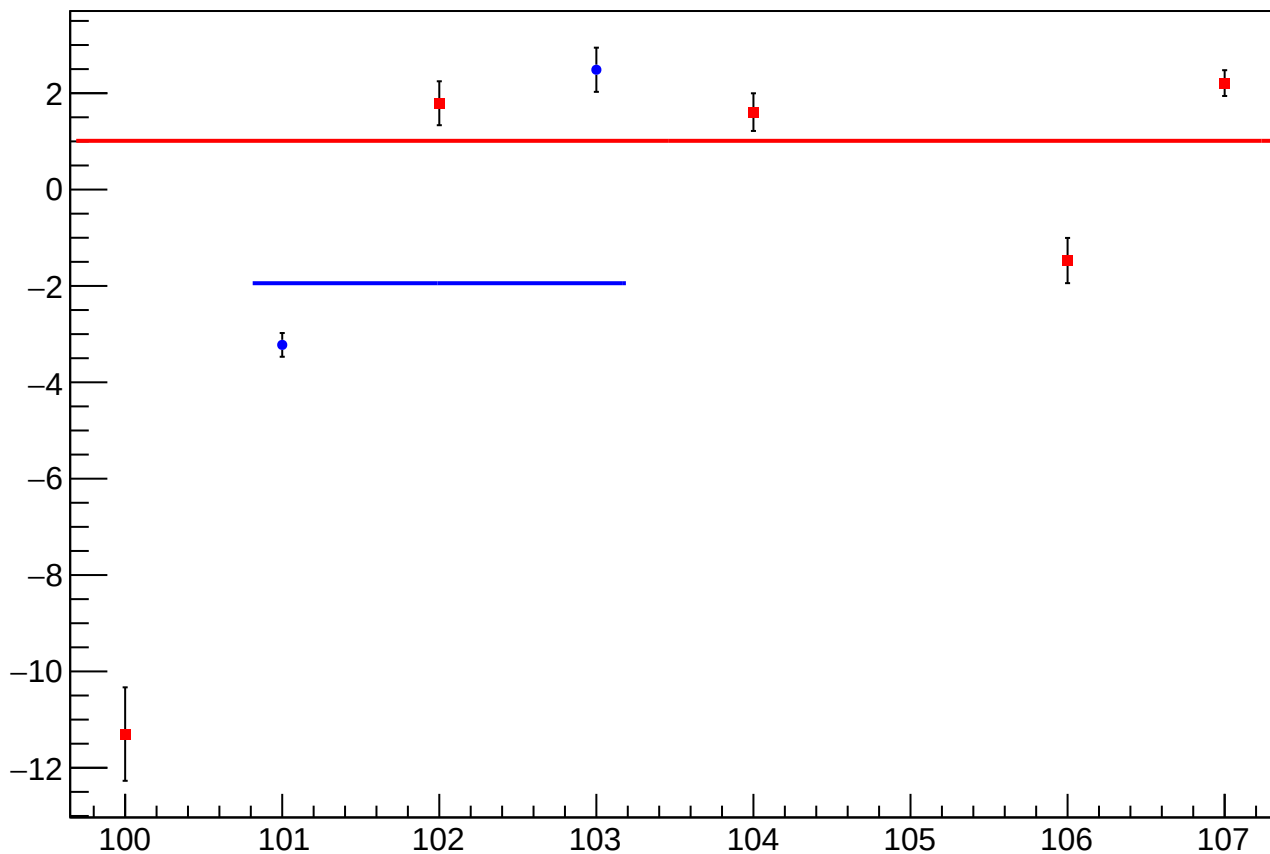
Right: -42.520 $\pm$ 0.174 χ^2 /NDF: 18285.6/6

In: -41.559 $\pm$ 0.249 χ^2 /NDF: 2834.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -42.520 $\pm$ 0.174 χ^2 /NDF: 18285.6/6

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.943+/-0.217 χ^2 /NDF: 120.4/1

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

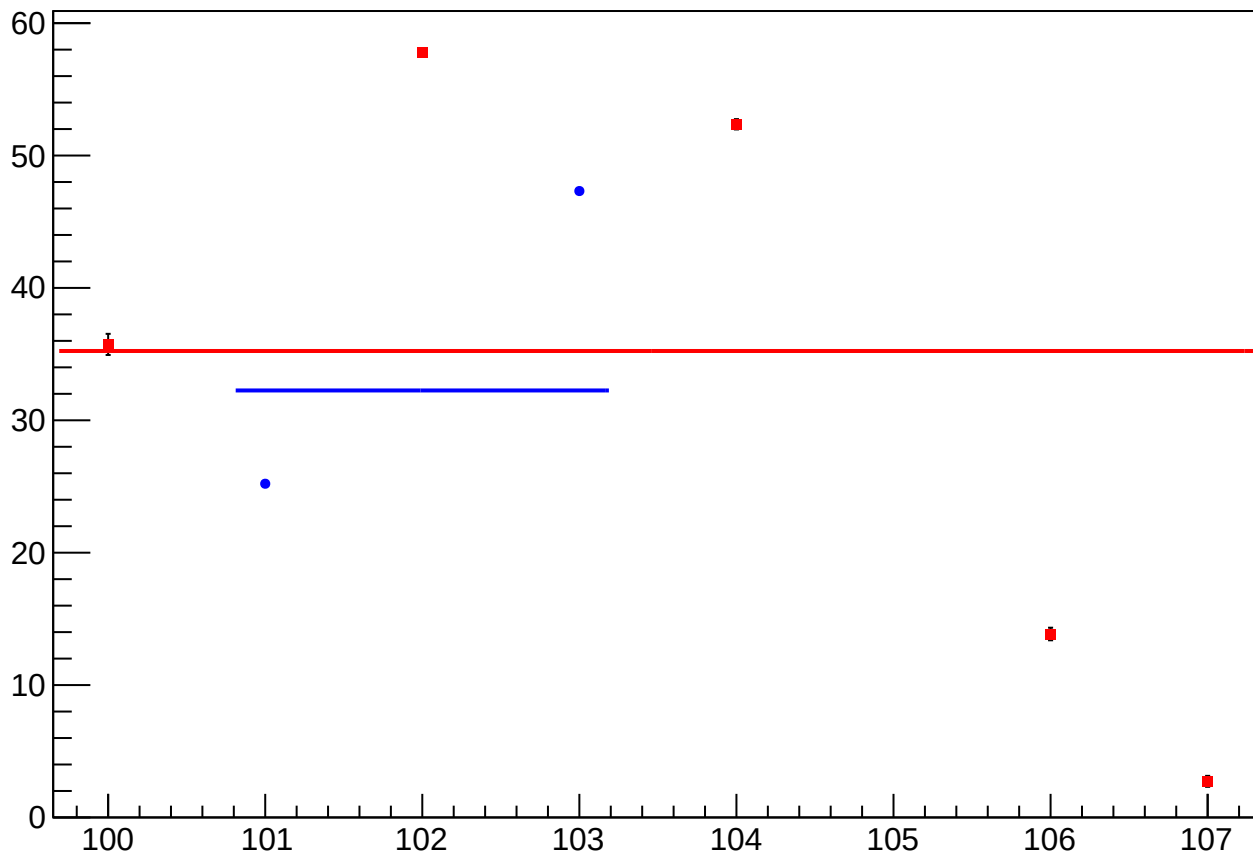
Right: -0.191+/-0.138 χ^2 /NDF: 444.8/6

In: -1.943+/-0.217 χ^2 /NDF:120.4/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.191+/-0.138 χ^2 /NDF: 444.8/6

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 32.254+/-0.195 χ^2/NDF : 2782.2/1

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

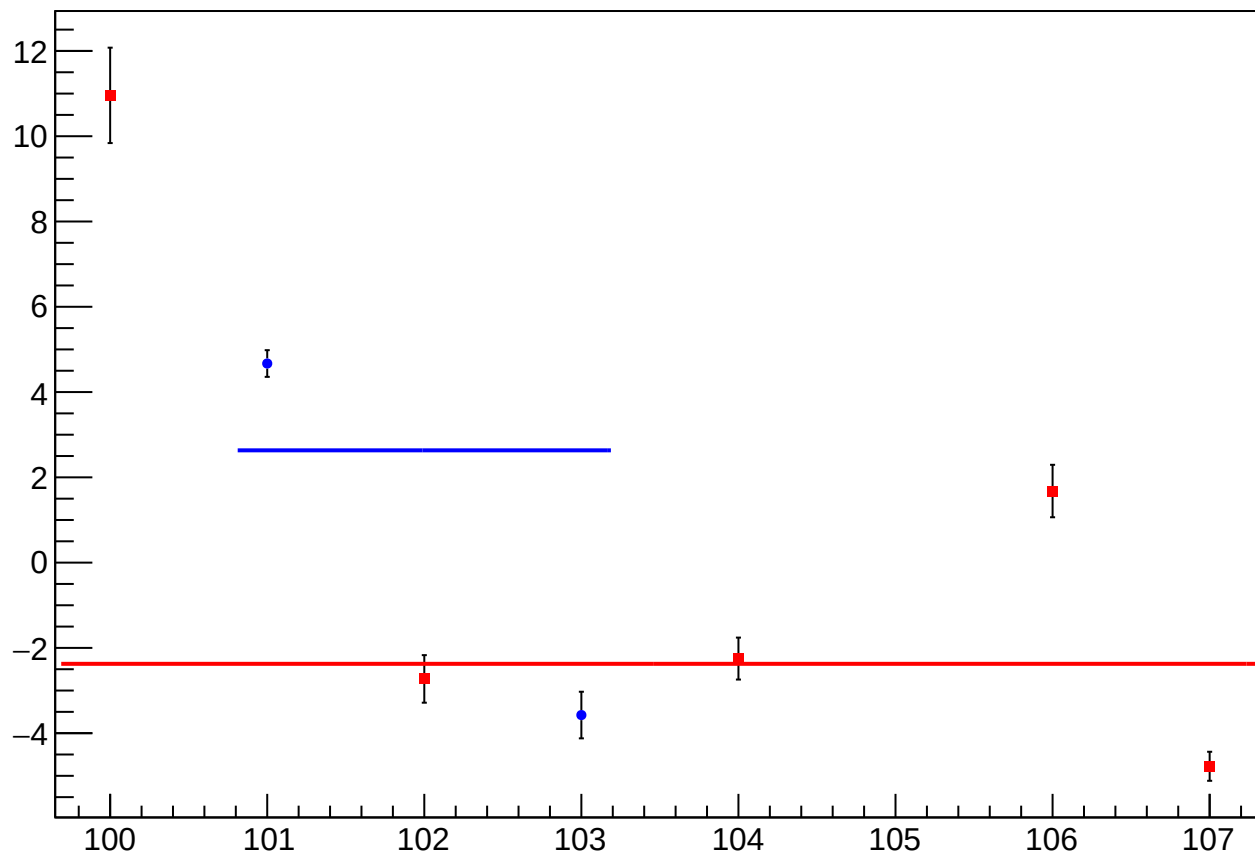
Right: 33.738+/-0.138 χ^2/NDF : 16867.6/6

In: 32.254+/-0.195 χ^2/NDF : 2782.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.738+/-0.138 χ^2/NDF : 16867.6/6

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.633 ± 0.272 χ^2/NDF : 171.3/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.373 ± 0.227 χ^2/NDF : 235.7/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

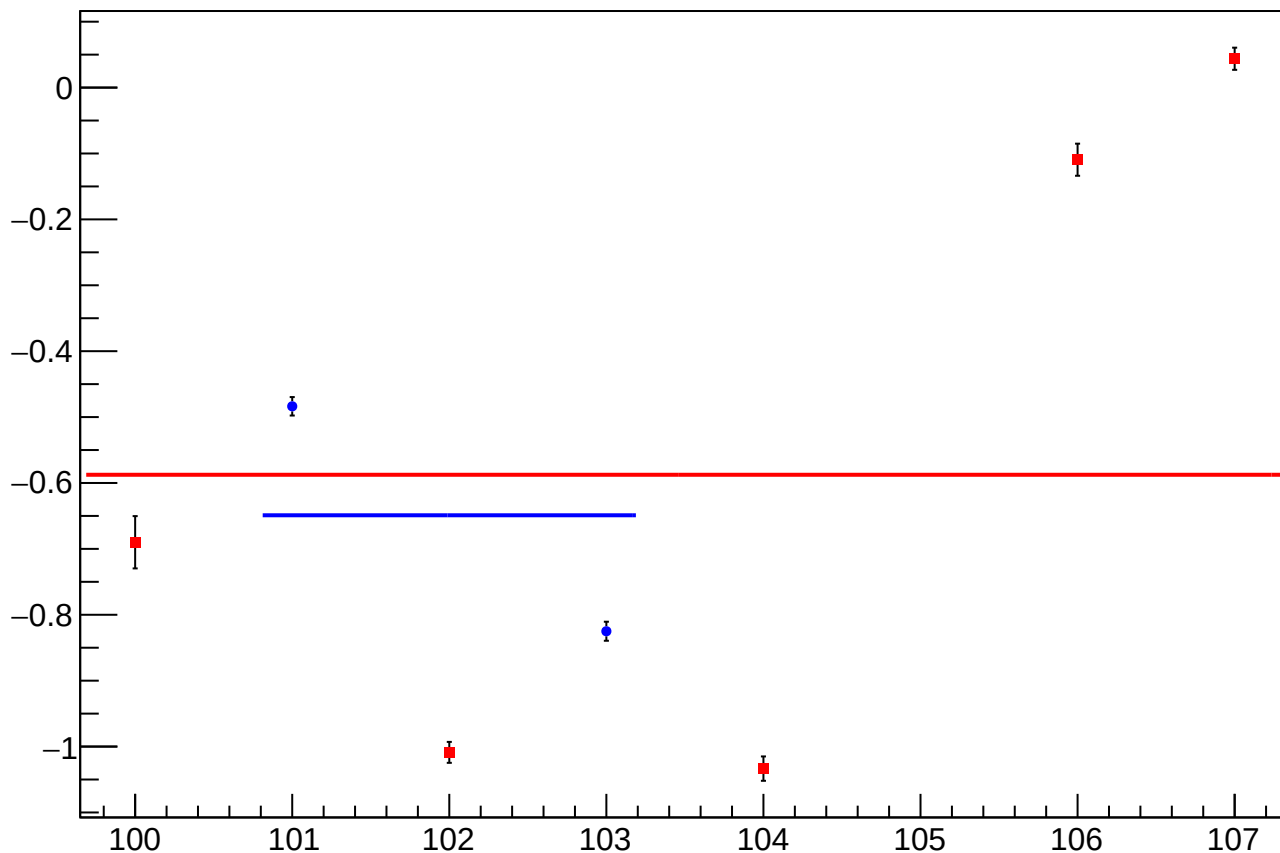
Right: -0.315 ± 0.174 χ^2/NDF : 607.0/6

In: 2.633 ± 0.272 χ^2/NDF : 171.3/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.315 ± 0.174 χ^2/NDF : 607.0/6

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.649 ± 0.010 $\chi^2/\text{NDF}: 287.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.588 ± 0.009 $\chi^2/\text{NDF}: 3086.6/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

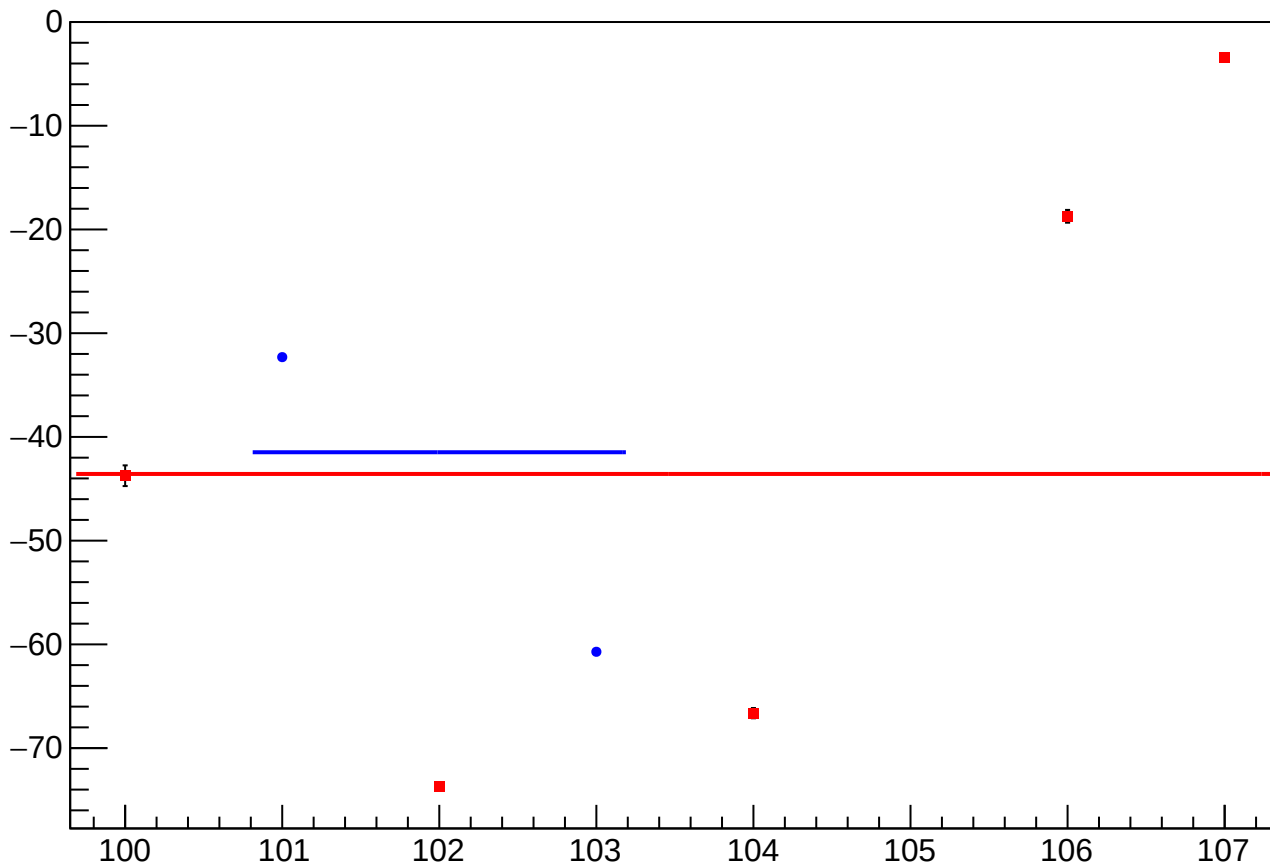
Right: -0.614 ± 0.007 $\chi^2/\text{NDF}: 3395.5/6$

In: -0.649 ± 0.010 $\chi^2/\text{NDF}: 287.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.614 ± 0.007 $\chi^2/\text{NDF}: 3395.5/6$

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -41.477+/-0.251 χ^2/NDF : 2802.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -43.570+/-0.245 χ^2/NDF : 14859.9/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

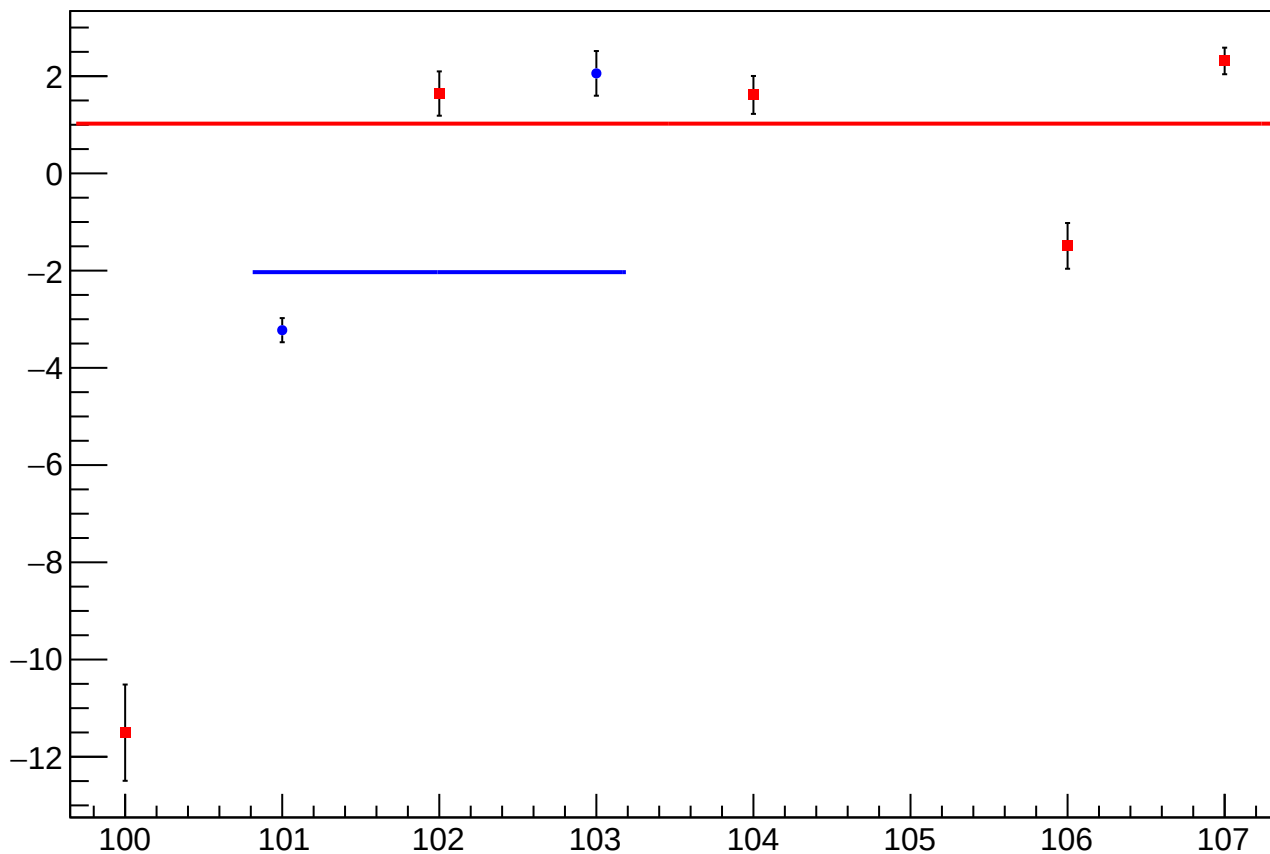
Right: -42.547+/-0.175 χ^2/NDF : 17697.5/6

In: -41.477+/-0.251 χ^2/NDF : 2802.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.547+/-0.175 χ^2/NDF : 17697.5/6

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.031 $\pm$ 0.218 χ^2 /NDF: 102.2/1

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

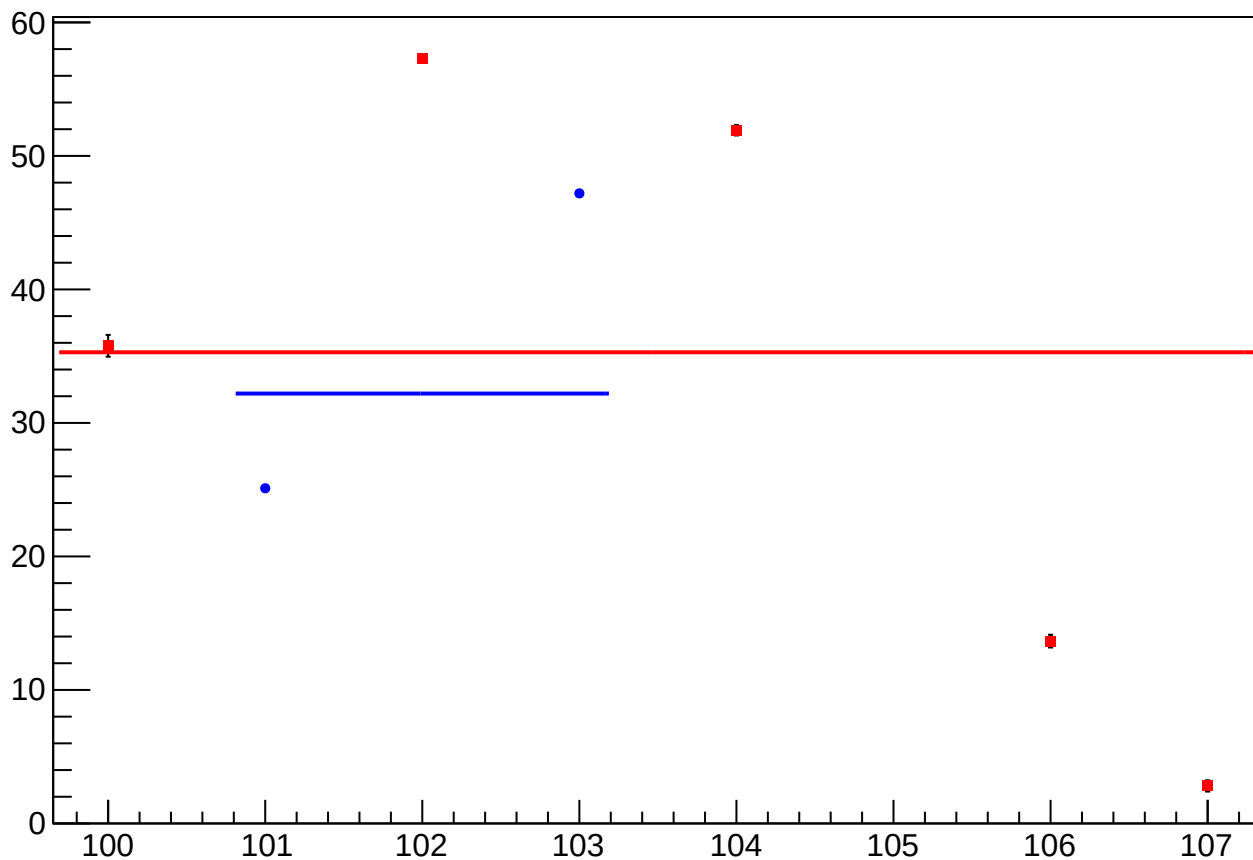
Right: -0.225 $\pm$ 0.140 χ^2 /NDF: 433.0/6

In: -2.031 $\pm$ 0.218 χ^2 /NDF:102.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.225 $\pm$ 0.140 χ^2 /NDF: 433.0/6

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 32.200 $\pm$ 0.196 χ^2 /NDF: 2756.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 35.291 $\pm$ 0.197 χ^2 /NDF: 13478.4/4

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

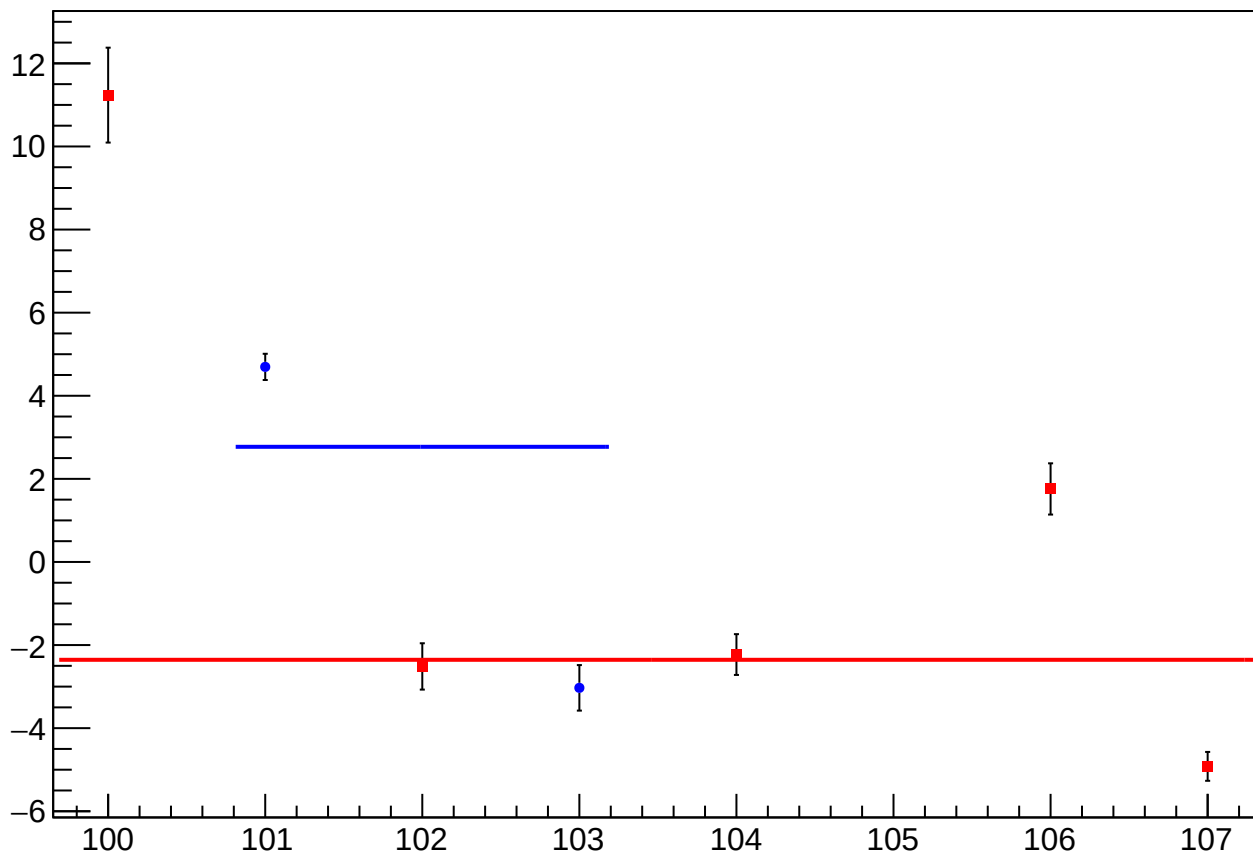
Right: 33.739 $\pm$ 0.139 χ^2 /NDF: 16358.2/6

In: 32.200 $\pm$ 0.196 χ^2 /NDF:2756.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 33.739 $\pm$ 0.139 χ^2 /NDF: 16358.2/6

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.772 $\pm$ 0.273 χ^2 /NDF: 149.3/1

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

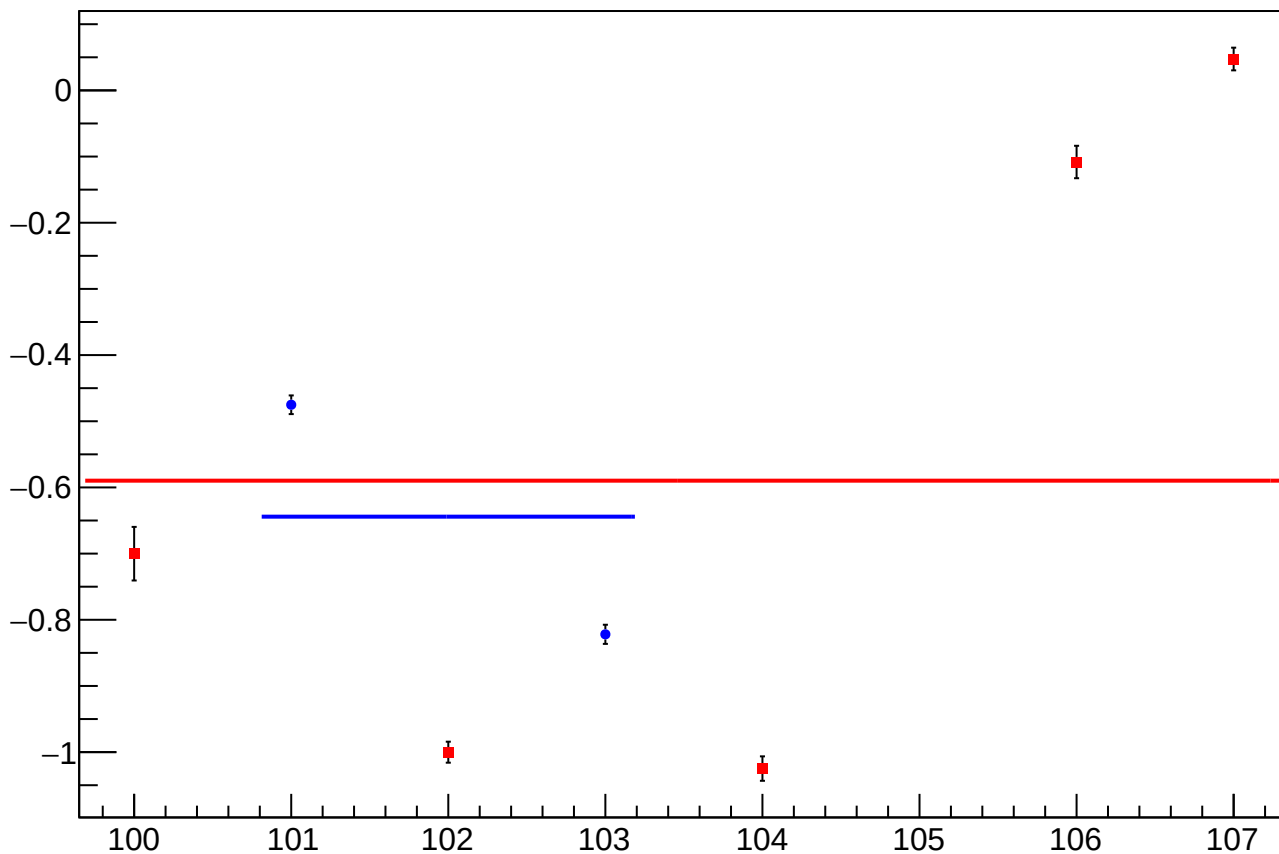
Right: -0.240 $\pm$ 0.176 χ^2 /NDF: 596.5/6

In: 2.772 $\pm$ 0.273 χ^2 /NDF:149.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.240 $\pm$ 0.176 χ^2 /NDF: 596.5/6

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.644+/-0.010 χ^2/NDF : 294.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.590+/-0.009 χ^2/NDF : 2998.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

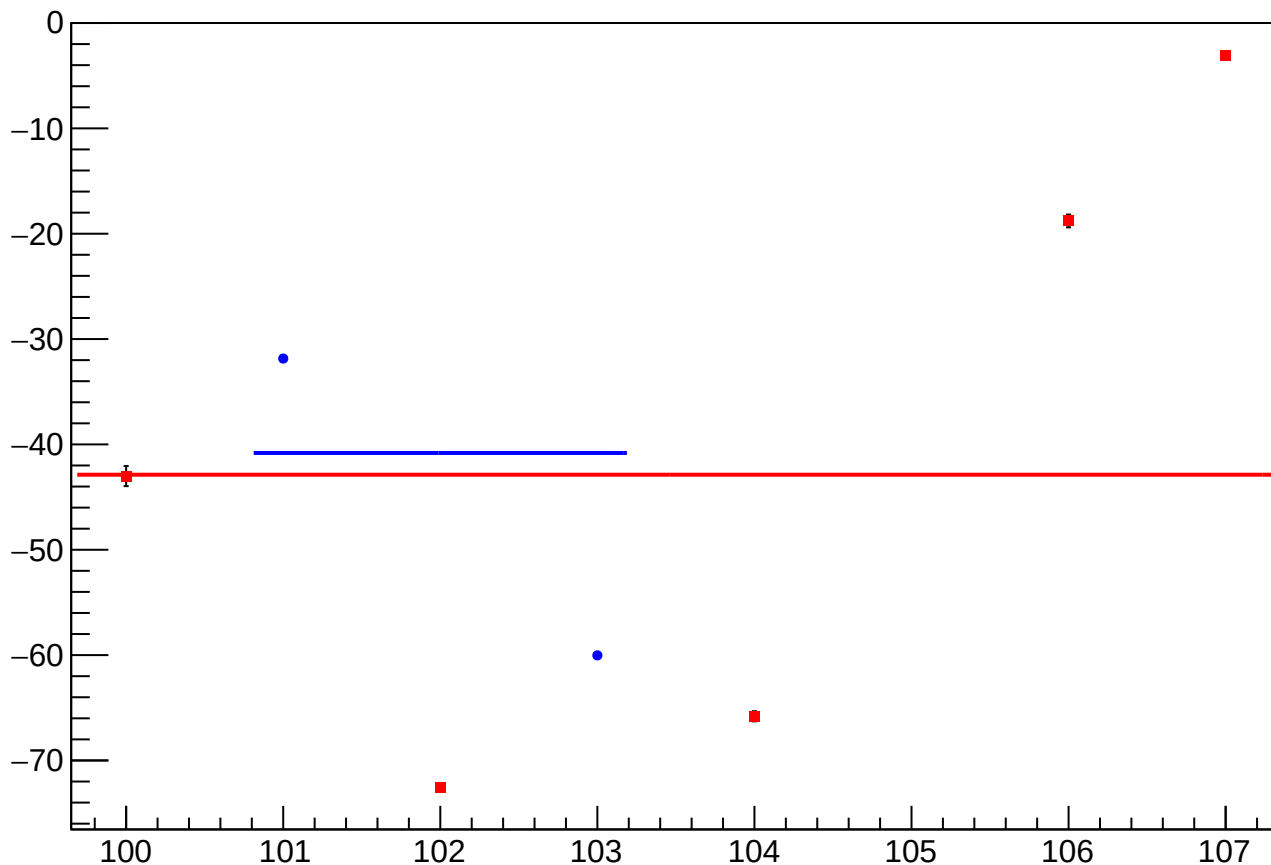
Right: -0.614+/-0.007 χ^2/NDF : 3309.9/6

In: -0.644+/-0.010 χ^2/NDF : 294.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.614+/-0.007 χ^2/NDF : 3309.9/6

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -40.813 +/- 0.243 χ^2/NDF : 2910.2/1

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -42.877 +/- 0.239 χ^2/NDF : 15277.5/4

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

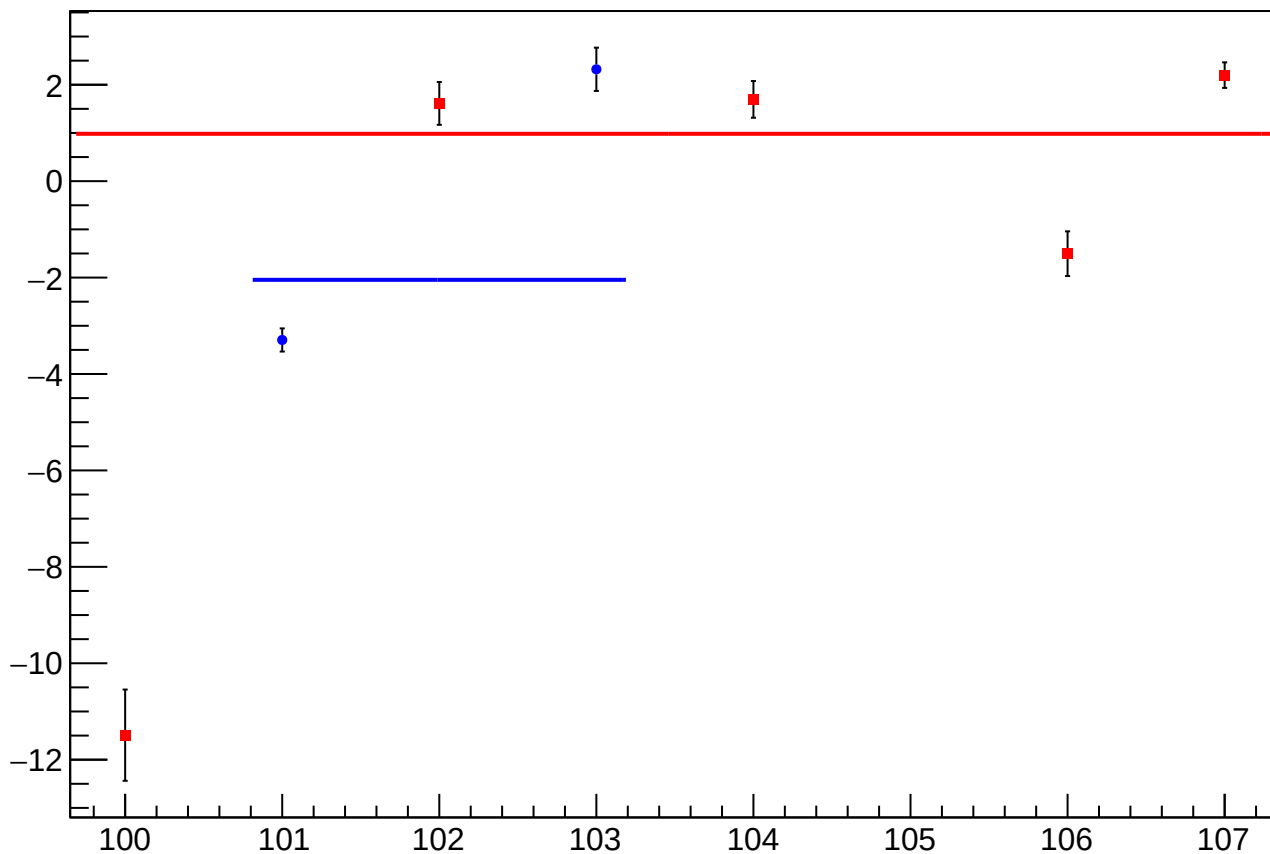
Right: -41.863 +/- 0.170 χ^2/NDF : 18224.4/6

In: -40.813 +/- 0.243 χ^2/NDF : 2910.2/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -41.863 +/- 0.170 χ^2/NDF : 18224.4/6

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.047 $\pm$ 0.212 χ^2 /NDF: 121.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.982 $\pm$ 0.177 χ^2 /NDF: 229.2/4

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

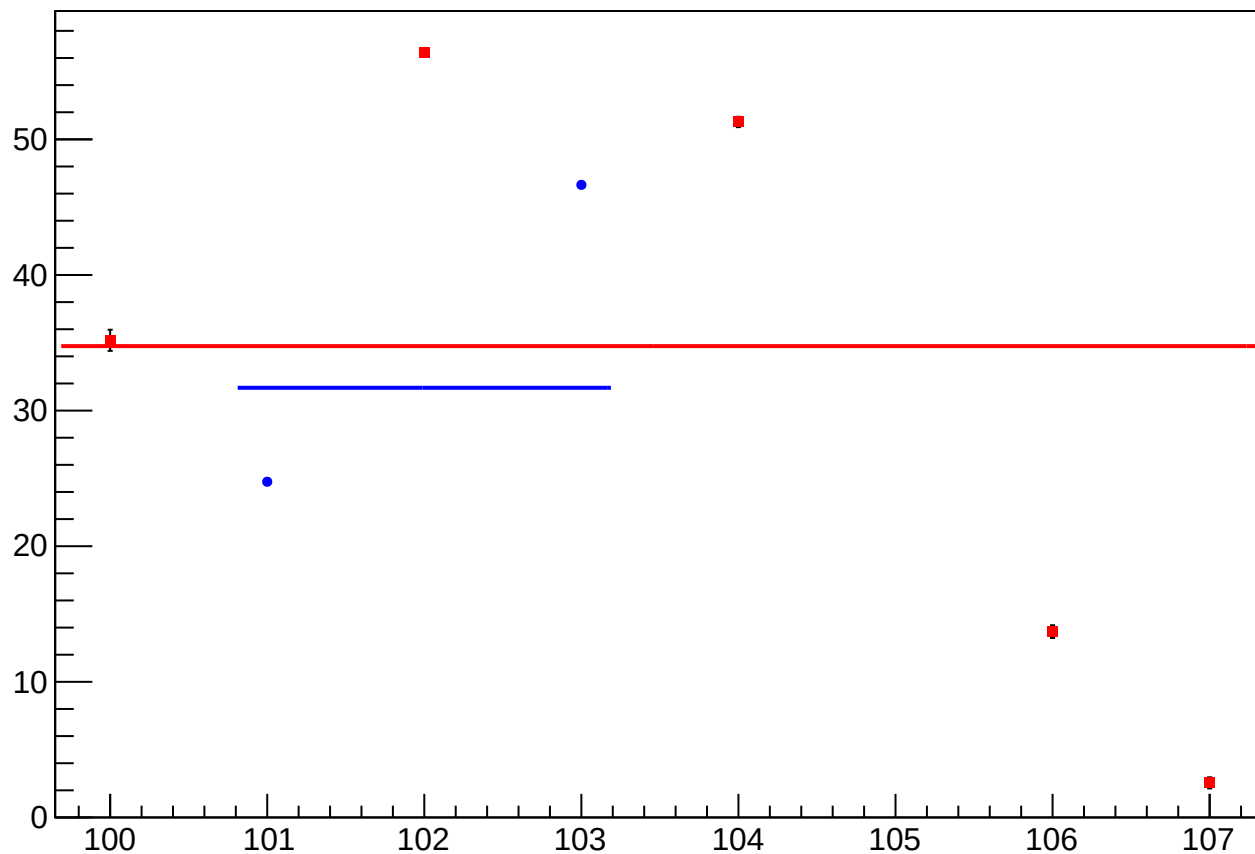
Right: -0.263 $\pm$ 0.136 χ^2 /NDF: 471.6/6

In: -2.047 $\pm$ 0.212 χ^2 /NDF:121.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.263 $\pm$ 0.136 χ^2 /NDF: 471.6/6

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 31.683+/-0.190 χ^2/NDF : 2858.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.755+/-0.192 χ^2/NDF : 13837.2/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

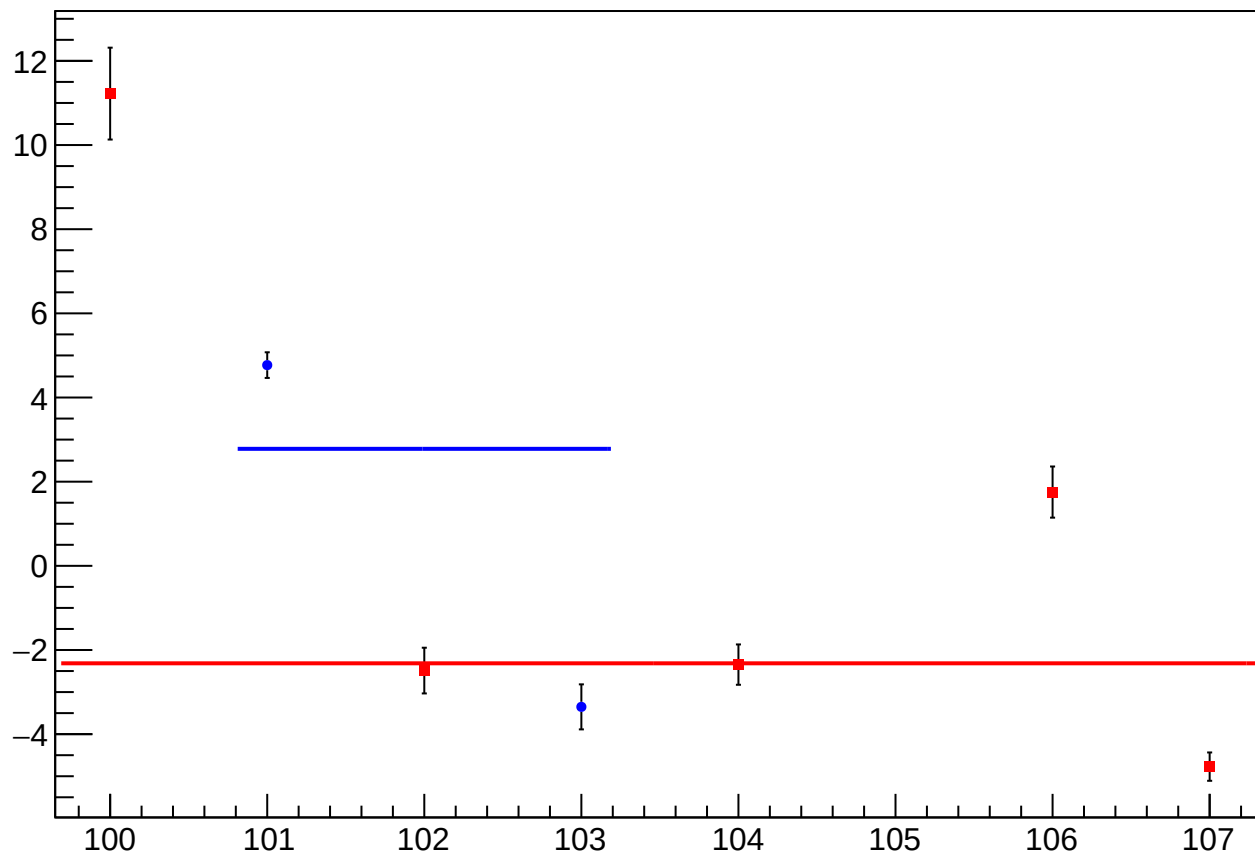
Right: 33.204+/-0.135 χ^2/NDF : 16824.6/6

In: 31.683+/-0.190 χ^2/NDF : 2858.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.204+/-0.135 χ^2/NDF : 16824.6/6

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.781 $\pm$ 0.265 χ^2 /NDF: 174.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.316 $\pm$ 0.223 χ^2 /NDF: 251.9/4

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

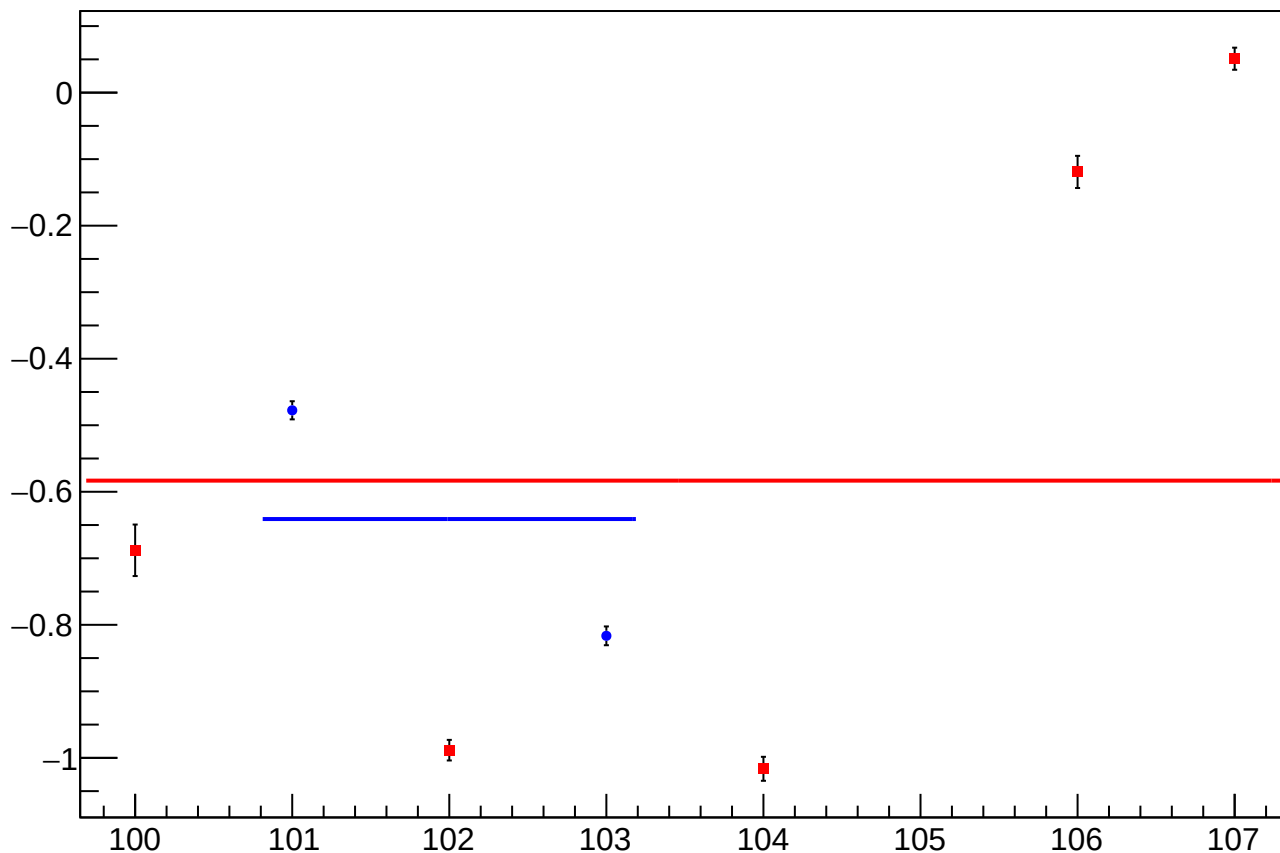
Right: -0.202 $\pm$ 0.171 χ^2 /NDF: 642.6/6

In: 2.781 $\pm$ 0.265 χ^2 /NDF: 174.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.202 $\pm$ 0.171 χ^2 /NDF: 642.6/6

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.641 ± 0.010 χ^2/NDF : 298.3/1

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

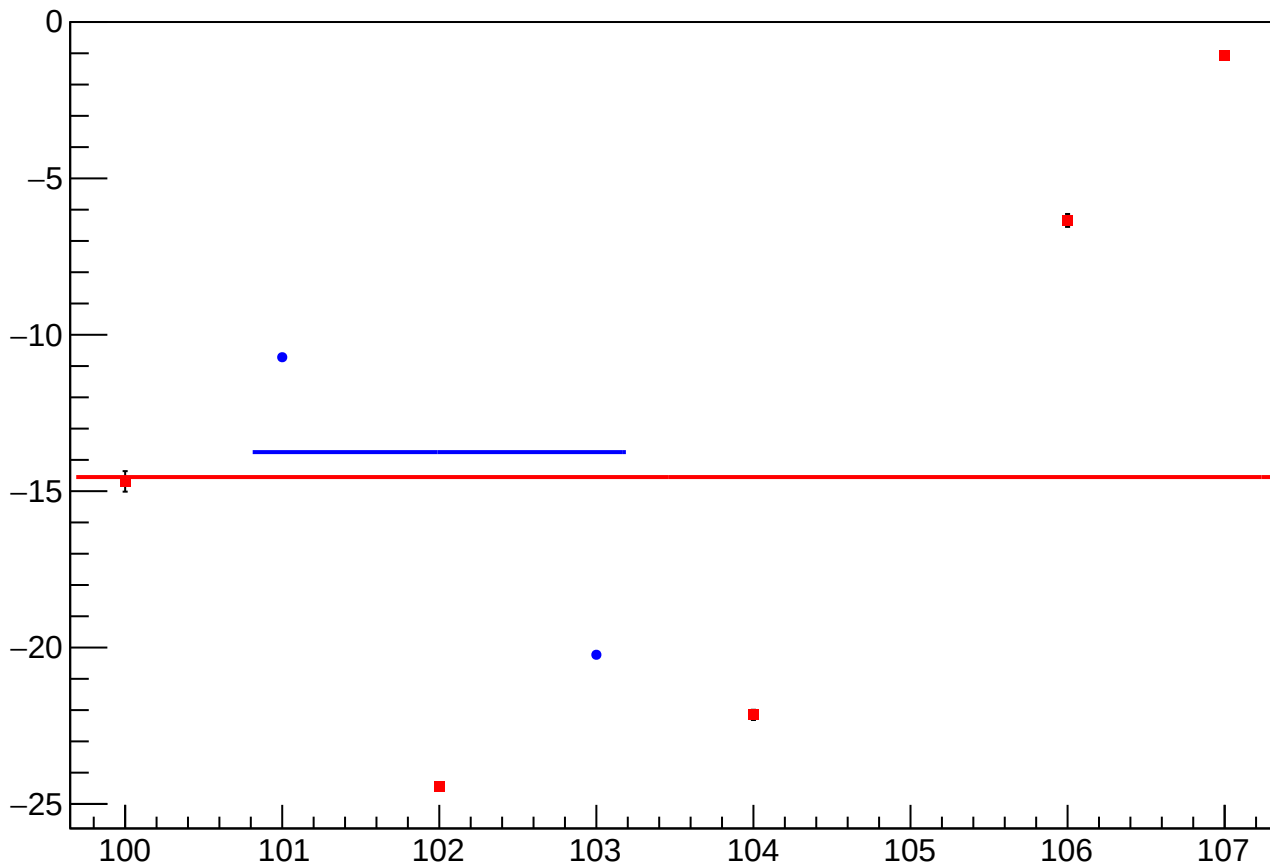
Right: -0.609 ± 0.007 χ^2/NDF : 3414.0/6

In: -0.641 ± 0.010 χ^2/NDF : 298.3/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.609 ± 0.007 χ^2/NDF : 3414.0/6

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -13.751 ± 0.082 χ^2/NDF : 2894.4/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -14.549 ± 0.081 χ^2/NDF : 14945.3/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

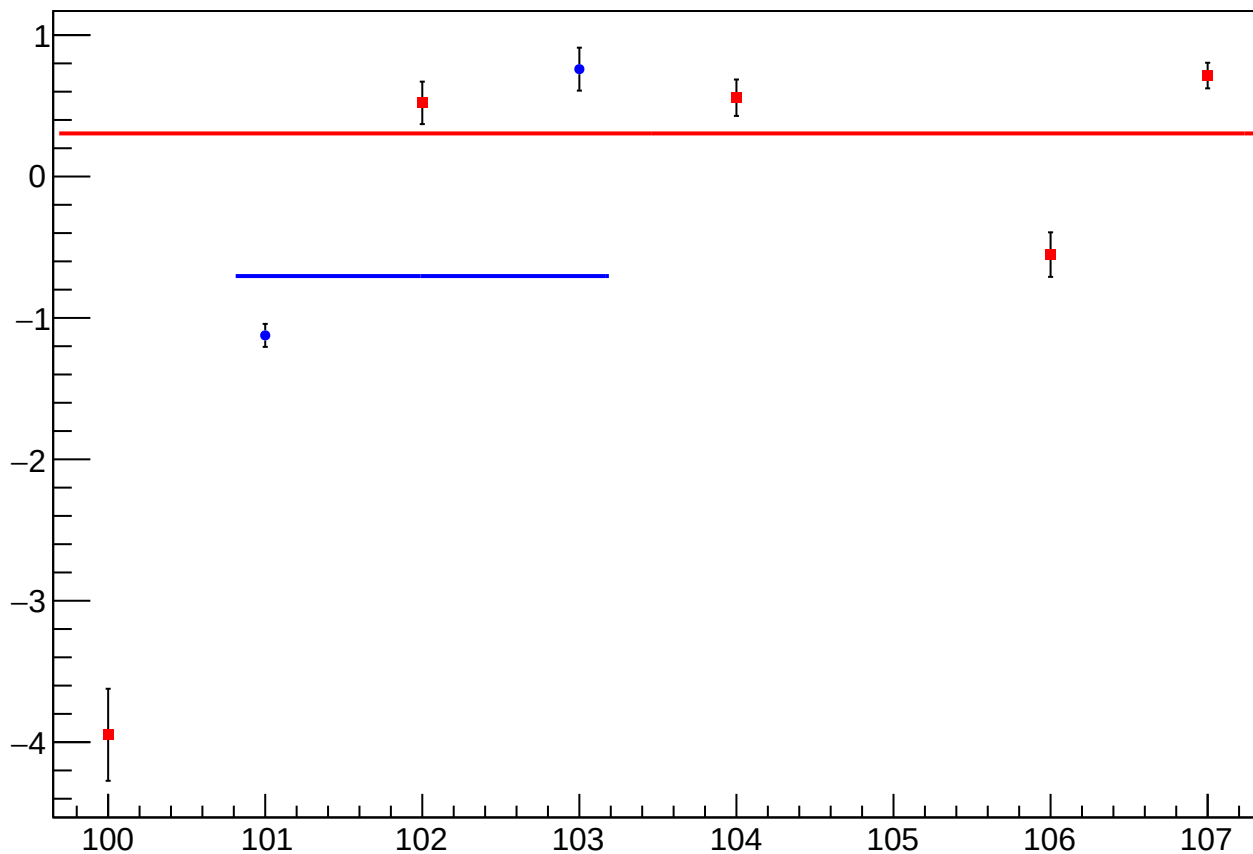
Right: -14.156 ± 0.058 χ^2/NDF : 17887.3/6

In: -13.751 ± 0.082 χ^2/NDF : 2894.4/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -14.156 ± 0.058 χ^2/NDF : 17887.3/6

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.704 ± 0.072 χ^2/NDF : 119.5/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.305 ± 0.060 χ^2/NDF : 226.7/4

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

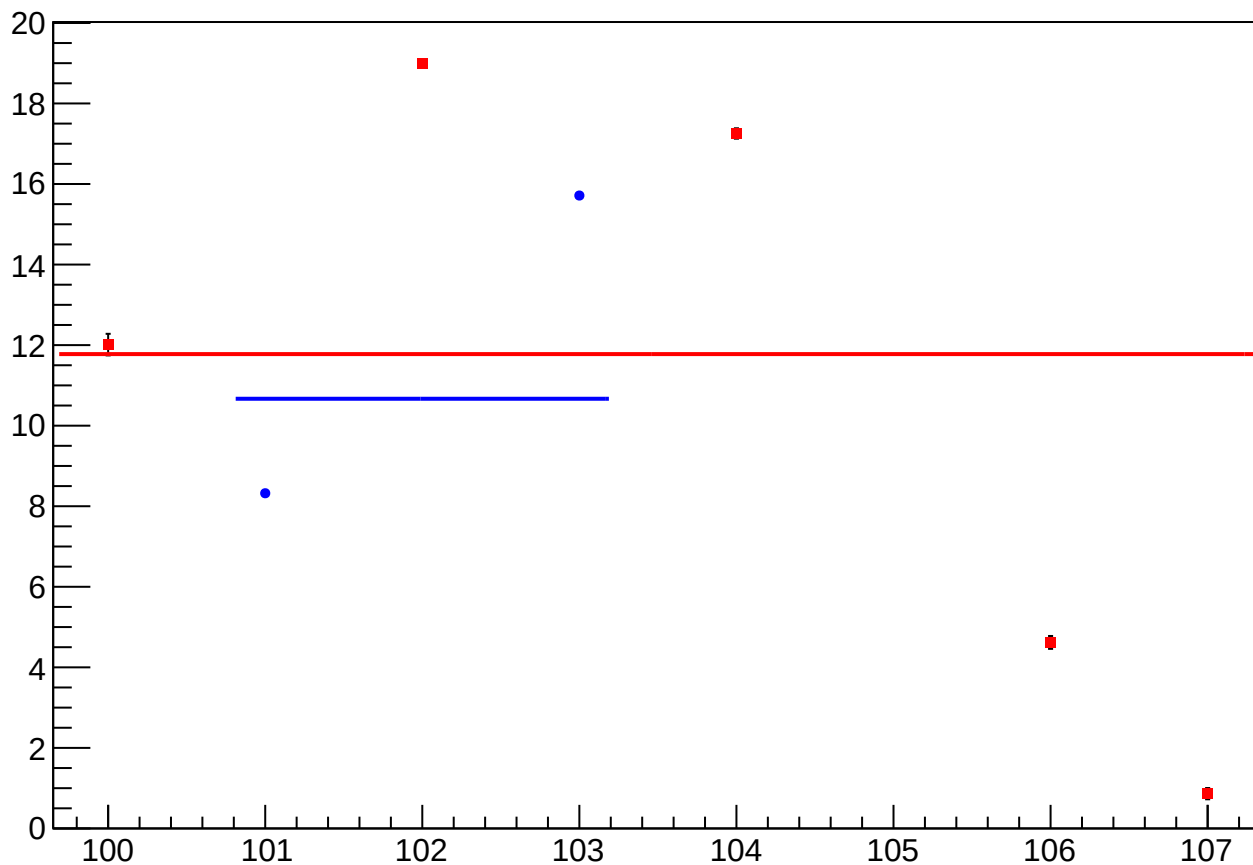
Right: -0.112 ± 0.046 χ^2/NDF : 462.3/6

In: -0.704 ± 0.072 χ^2/NDF : 119.5/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.112 ± 0.046 χ^2/NDF : 462.3/6

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.668+/-0.065 χ^2/NDF : 2843.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.777+/-0.065 χ^2/NDF : 13536.7/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

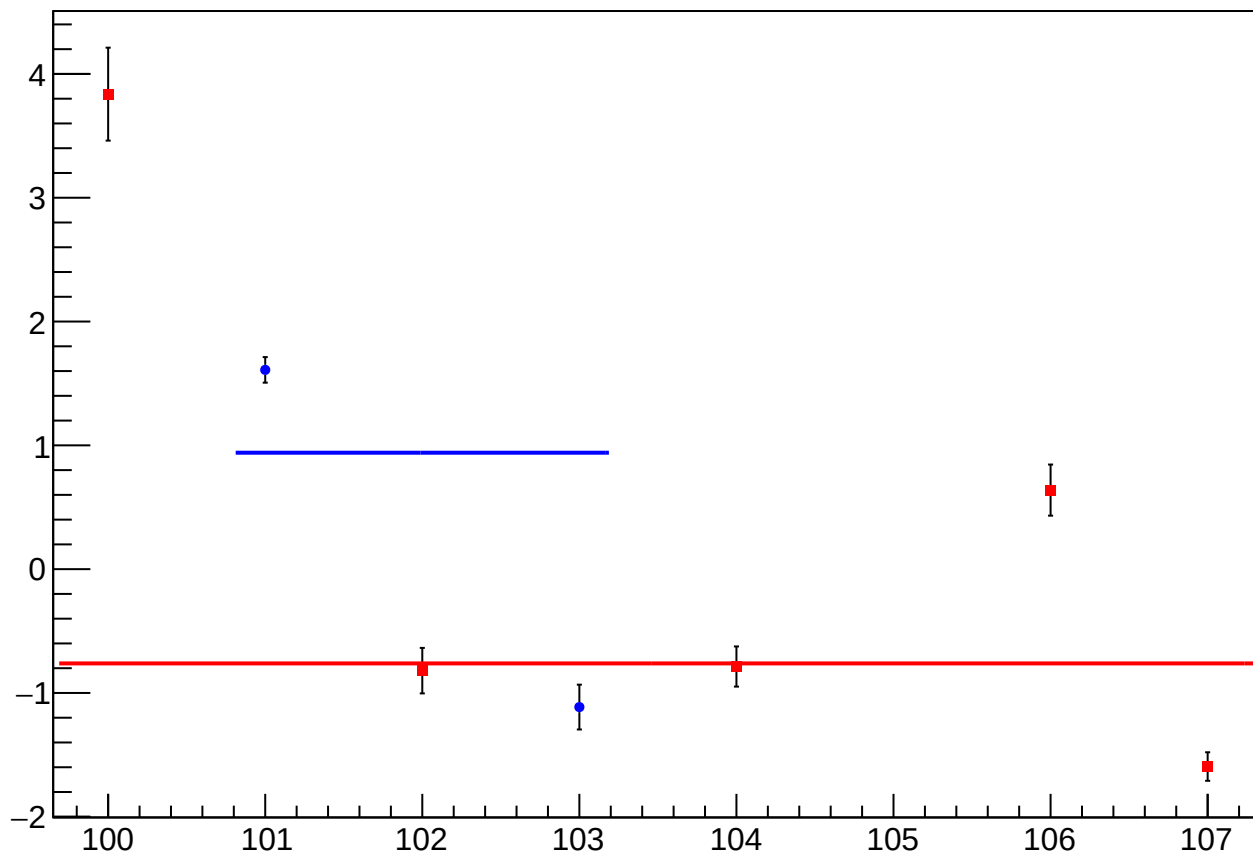
Right: 11.216+/-0.046 χ^2/NDF : 16525.8/6

In: 10.668+/-0.065 χ^2/NDF : 2843.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.216+/-0.046 χ^2/NDF : 16525.8/6

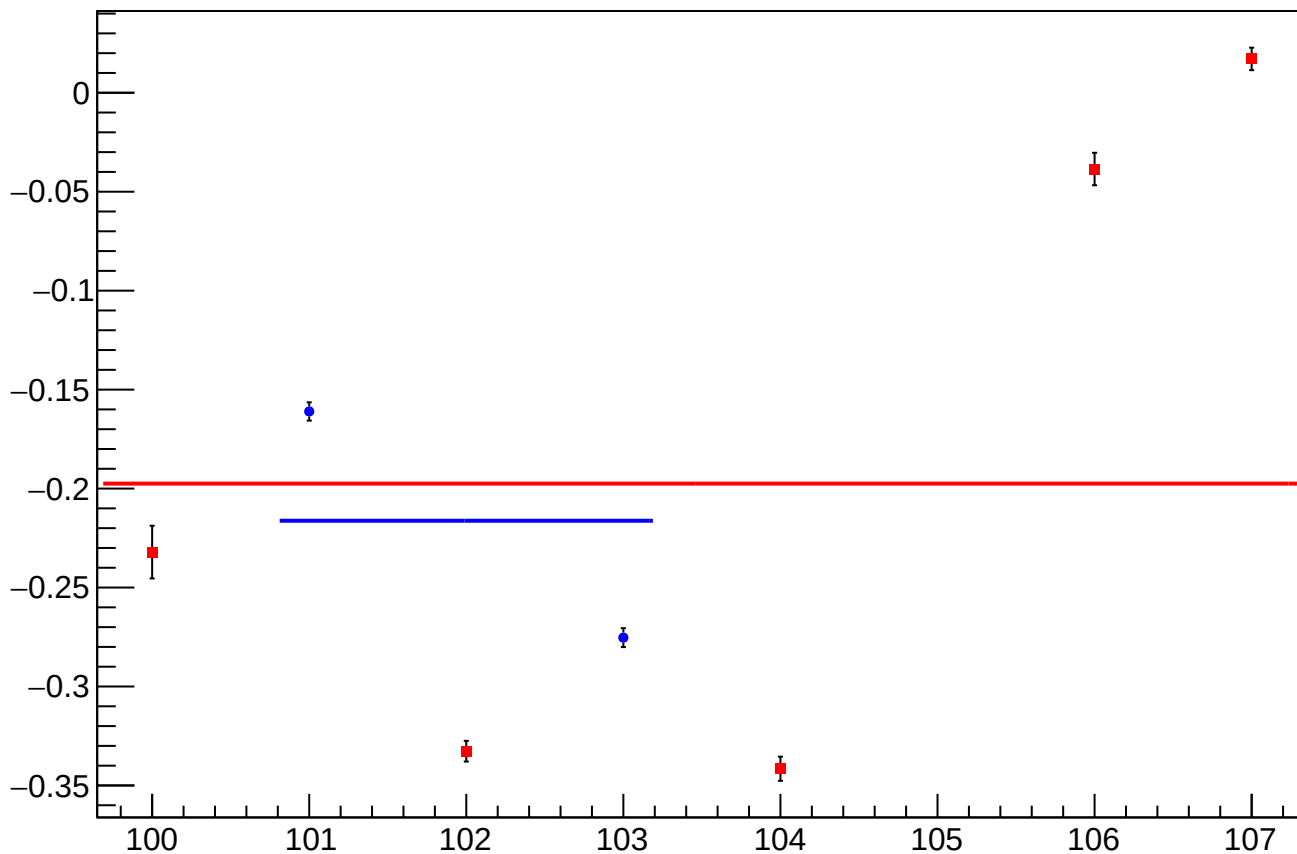
reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.941 ± 0.090 $\chi^2/\text{NDF}: 170.7/1$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -0.761 ± 0.076 $\chi^2/\text{NDF}: 248.4/4$
 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: -0.051 ± 0.058 $\chi^2/\text{NDF}: 628.8/6$
 In: 0.941 ± 0.090 $\chi^2/\text{NDF}: 170.7/1$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -0.051 ± 0.058 $\chi^2/\text{NDF}: 628.8/6$

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.216+/-0.003 χ^2/NDF : 295.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.197+/-0.003 χ^2/NDF : 3032.8/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

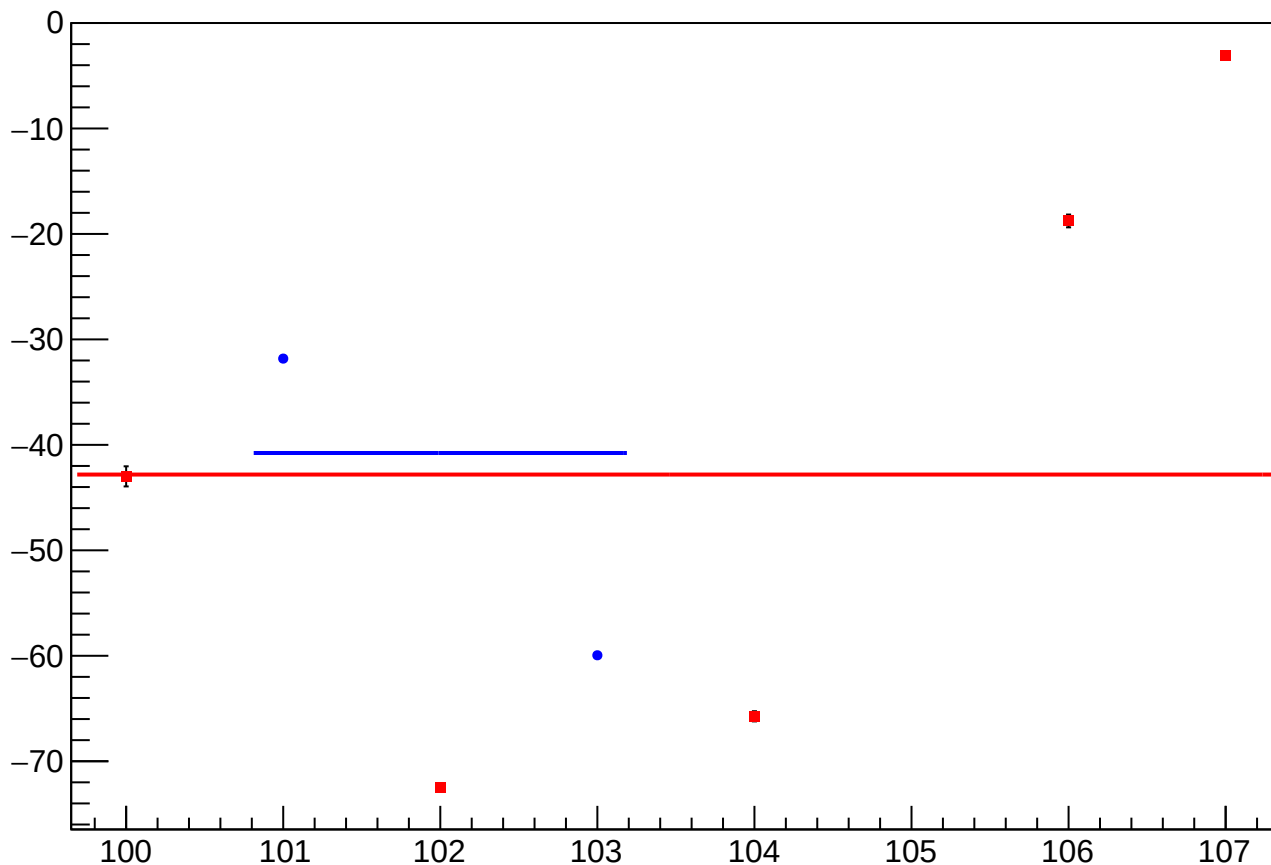
Right: -0.206+/-0.002 χ^2/NDF : 3346.0/6

In: -0.216+/-0.003 χ^2/NDF : 295.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.206+/-0.002 χ^2/NDF : 3346.0/6

reg_asym_bcm_an_us_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -40.771 ± 0.243 $\chi^2/\text{NDF}: 2907.2/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -42.816 ± 0.239 $\chi^2/\text{NDF}: 15291.3/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

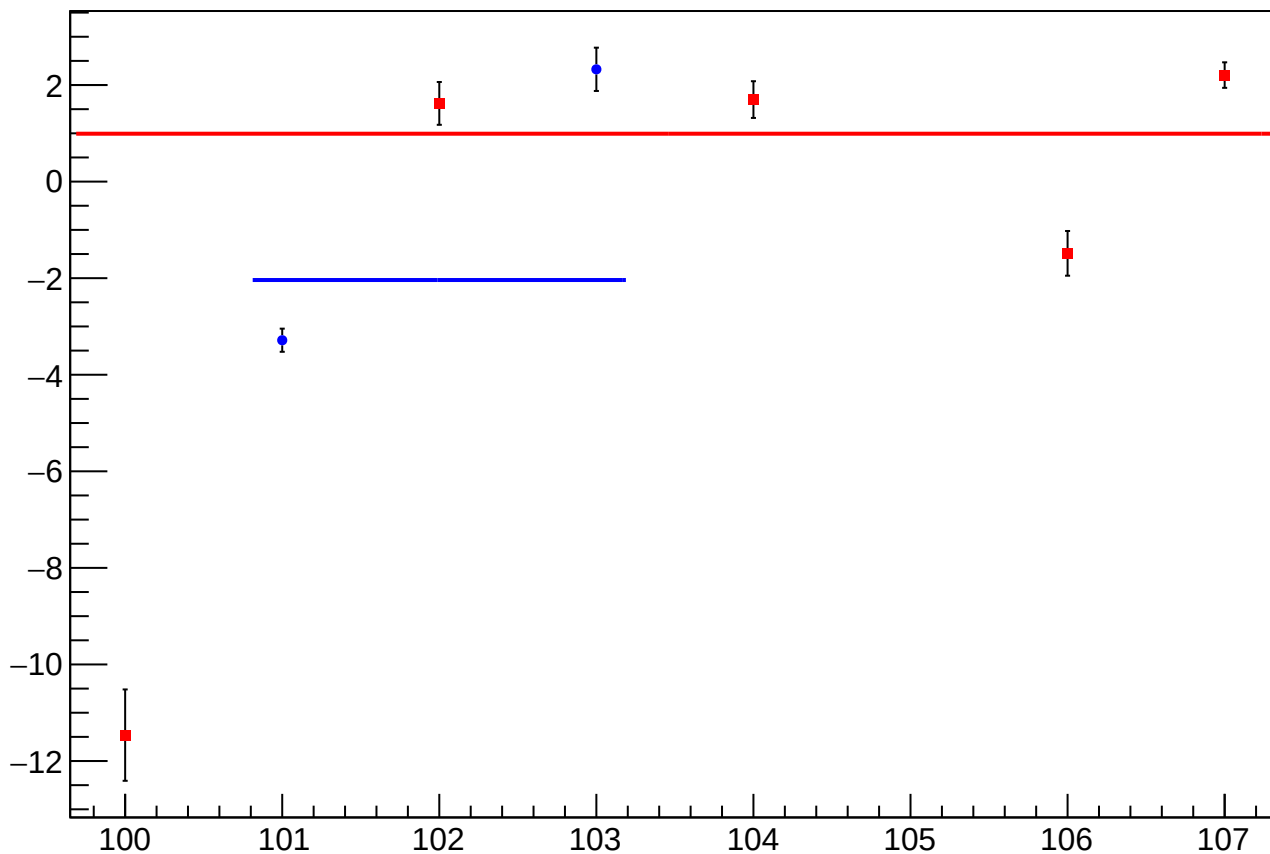
Right: -41.812 ± 0.170 $\chi^2/\text{NDF}: 18234.6/6$

In: -40.771 ± 0.243 $\chi^2/\text{NDF}: 2907.2/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -41.812 ± 0.170 $\chi^2/\text{NDF}: 18234.6/6$

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.038+/-0.211 χ^2/NDF : 121.8/1

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

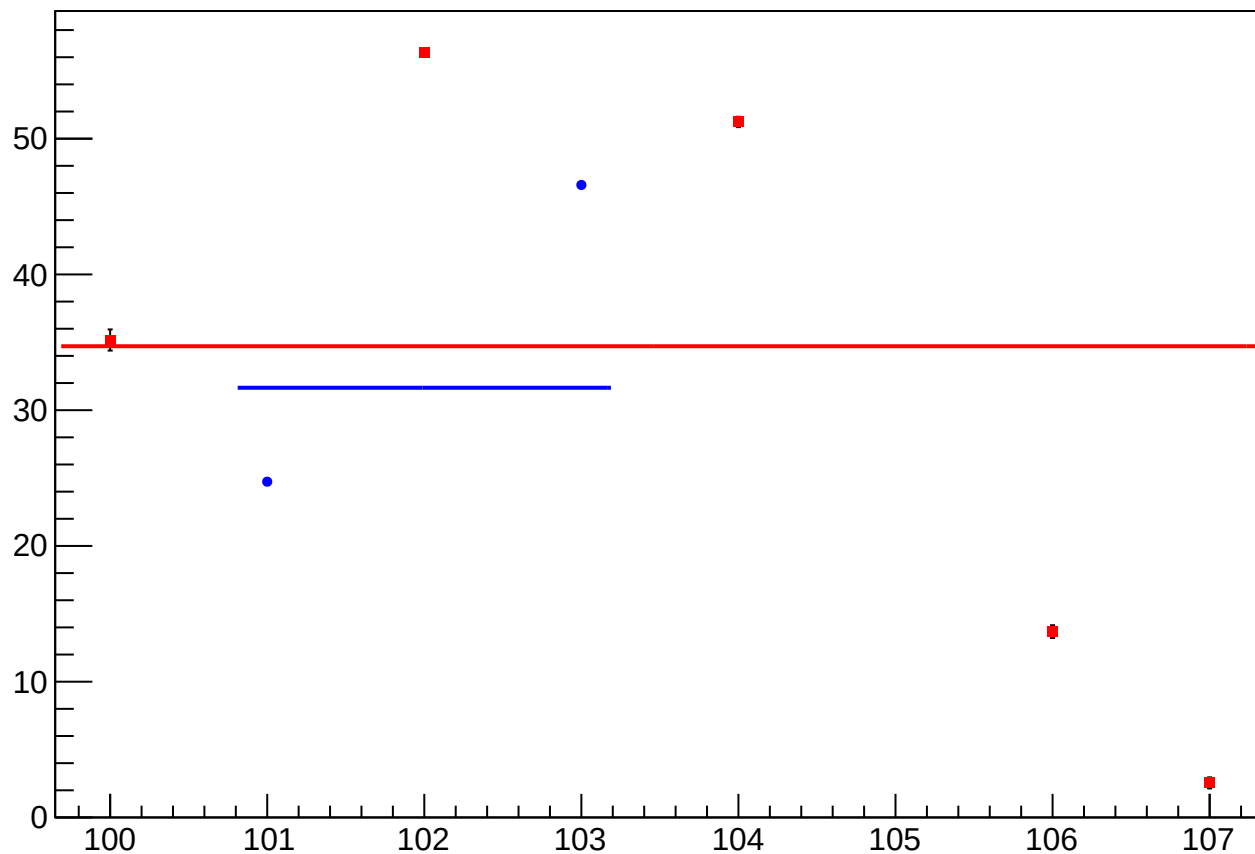
Right: -0.253+/-0.135 χ^2/NDF : 471.5/6

In: -2.038+/-0.211 χ^2/NDF : 121.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.253+/-0.135 χ^2/NDF : 471.5/6

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 31.653+/-0.190 χ^2/NDF : 2855.6/1

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

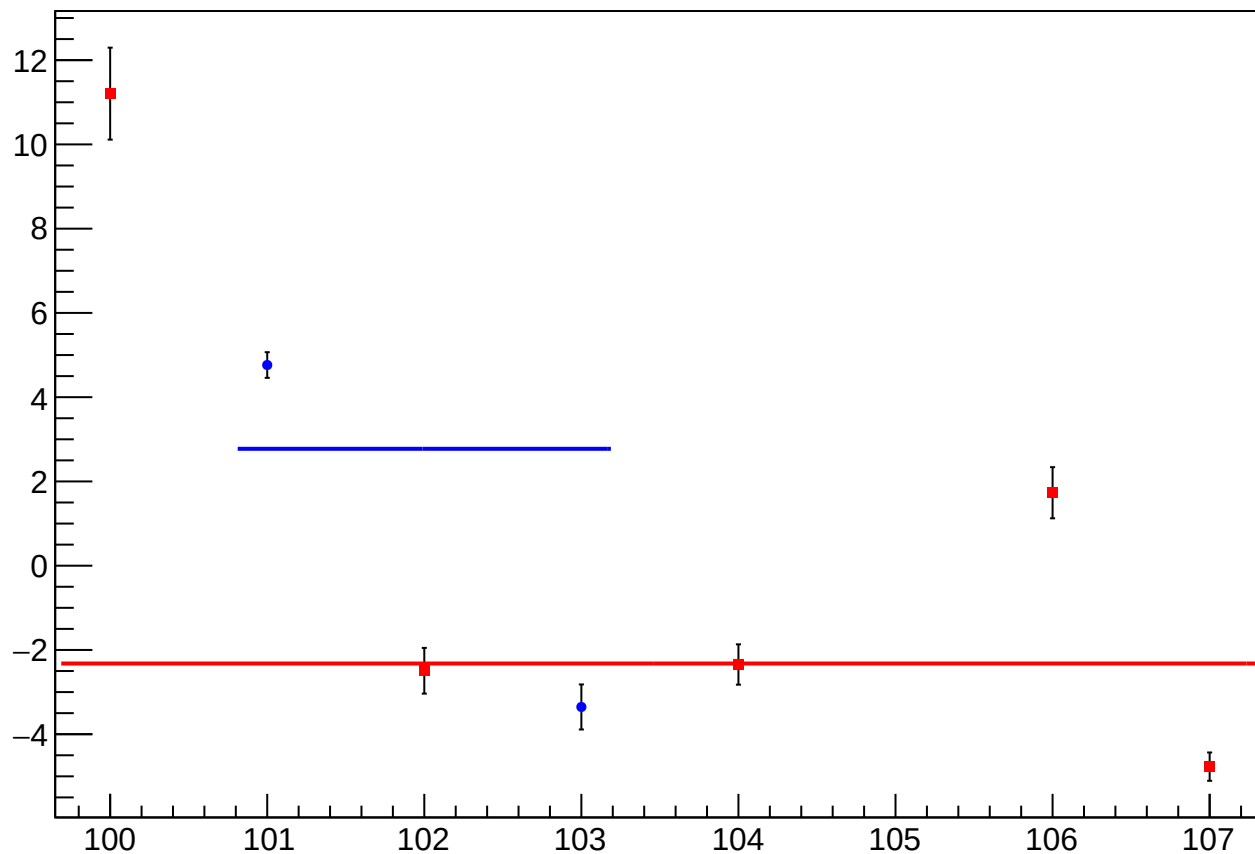
Right: 33.168+/-0.135 χ^2/NDF : 16832.8/6

In: 31.653+/-0.190 χ^2/NDF : 2855.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.168+/-0.135 χ^2/NDF : 16832.8/6

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.775+/-0.265 χ^2/NDF : 174.1/1

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

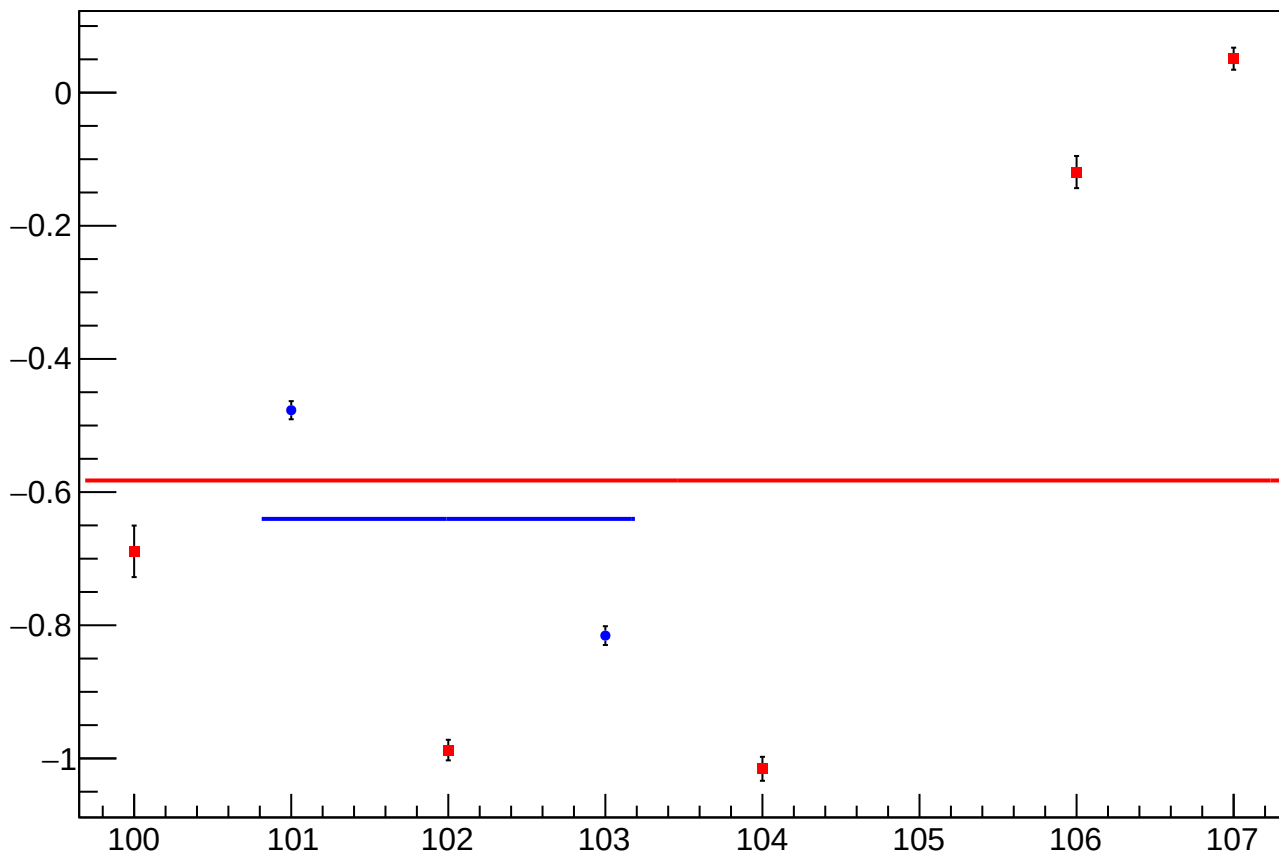
Right: -0.208+/-0.170 χ^2/NDF : 642.7/6

In: 2.775+/-0.265 χ^2/NDF : 174.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.208+/-0.170 χ^2/NDF : 642.7/6

reg_asym_bcm_an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.640 ± 0.010 $\chi^2/\text{NDF}: 298.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.583 ± 0.009 $\chi^2/\text{NDF}: 3099.5/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

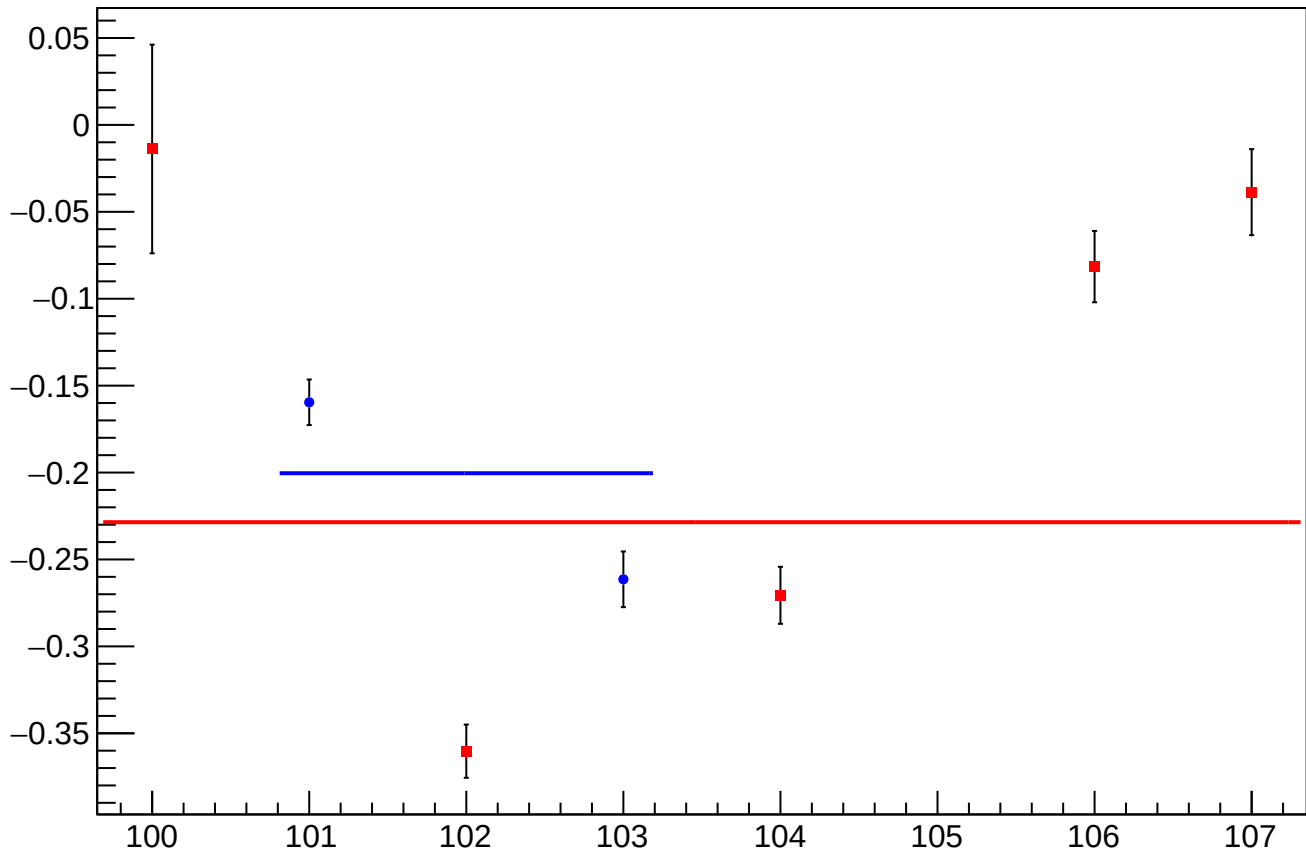
Right: -0.608 ± 0.006 $\chi^2/\text{NDF}: 3417.0/6$

In: -0.640 ± 0.010 $\chi^2/\text{NDF}: 298.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.608 ± 0.006 $\chi^2/\text{NDF}: 3417.0/6$

reg_asym_bcm_an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.200+/-0.010 χ^2/NDF : 24.2/1

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

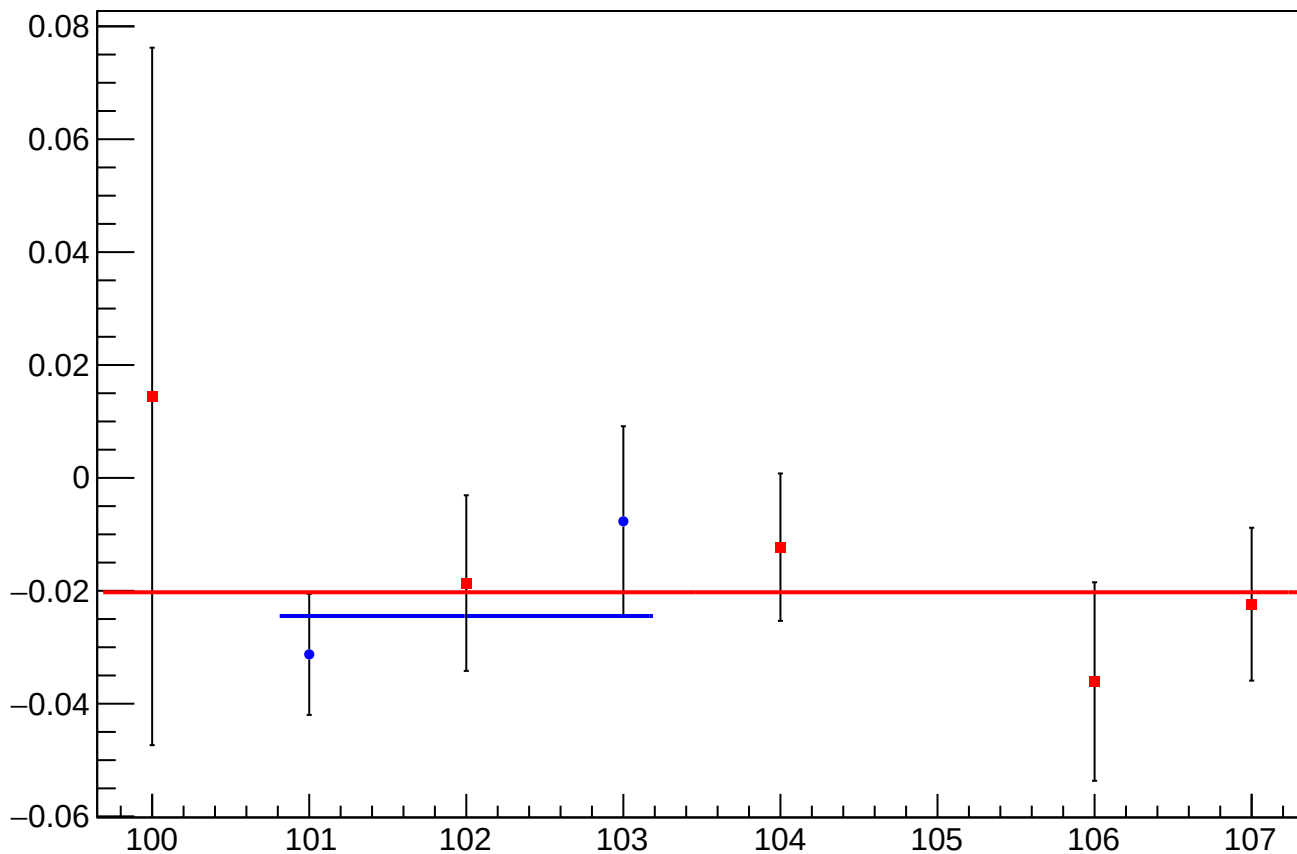
Right: -0.216+/-0.007 χ^2/NDF : 232.0/6

In: -0.200+/-0.010 χ^2/NDF : 24.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.216+/-0.007 χ^2/NDF : 232.0/6

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.024 $\pm$ 0.009 χ^2 /NDF: 1.4/1

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

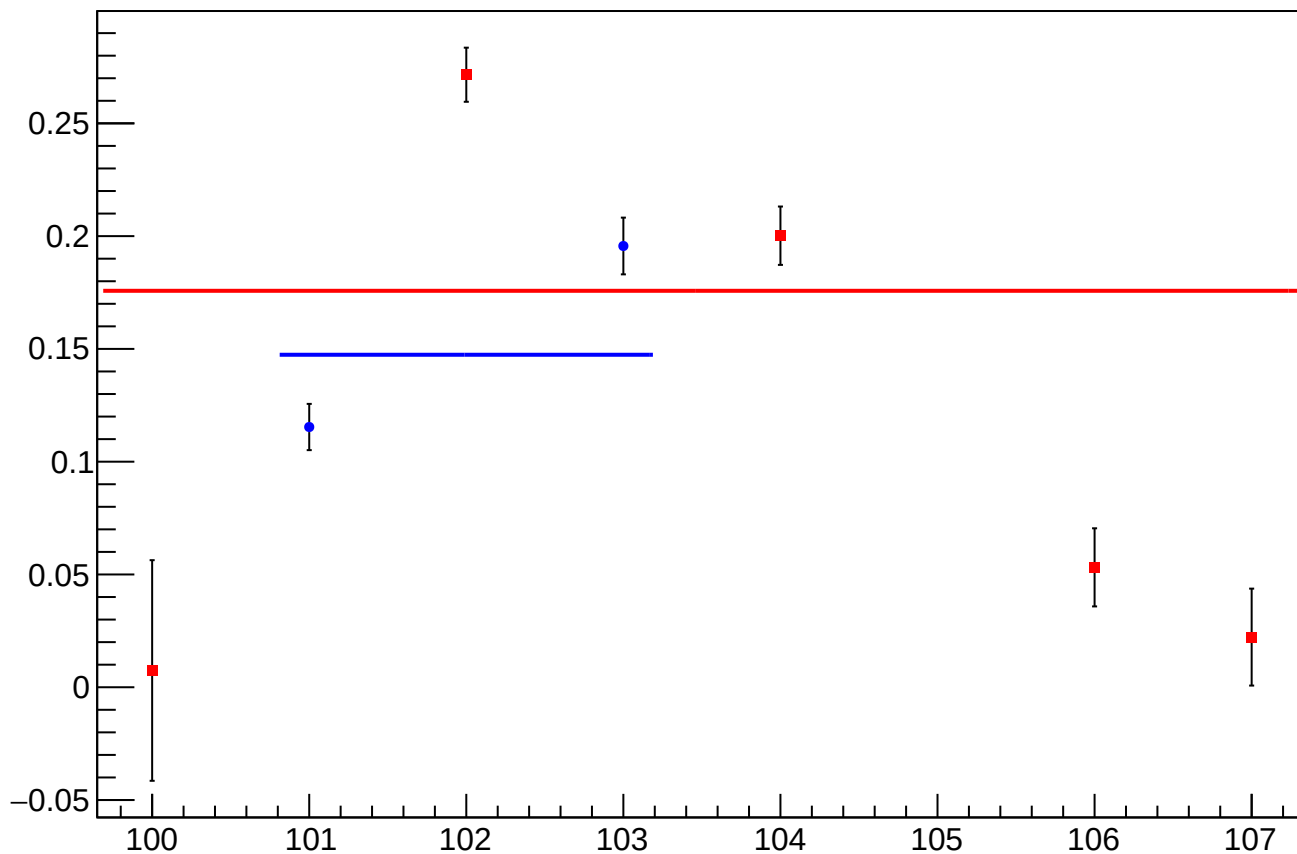
Right: -0.022 $\pm$ 0.006 χ^2 /NDF: 3.1/6

In: -0.024 $\pm$ 0.009 χ^2 /NDF:1.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.022 $\pm$ 0.006 χ^2 /NDF: 3.1/6

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.147 $\pm$ 0.008 χ^2 /NDF: 24.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.176 $\pm$ 0.007 χ^2 /NDF: 180.4/4

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

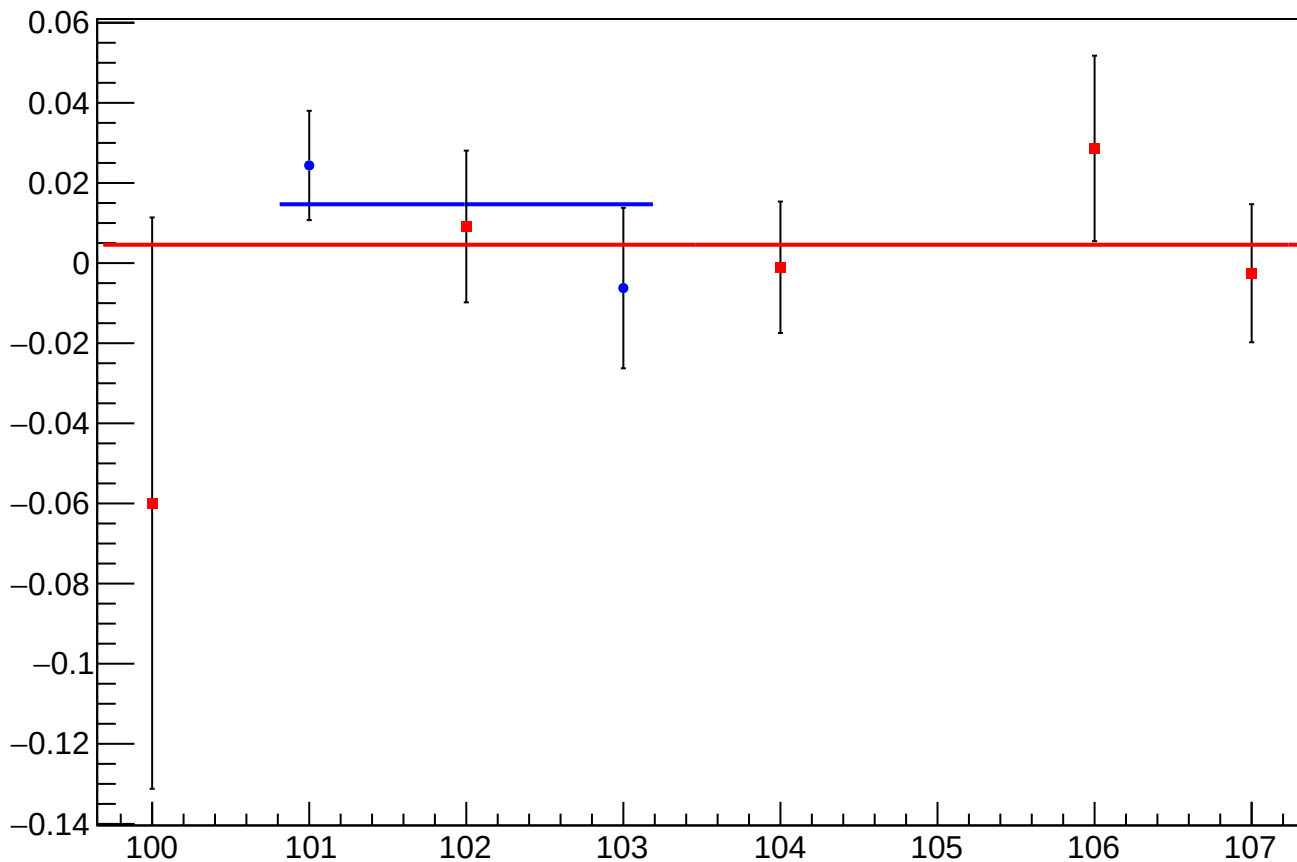
Right: 0.163 $\pm$ 0.005 χ^2 /NDF: 211.8/6

In: 0.147 $\pm$ 0.008 χ^2 /NDF:24.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.163 $\pm$ 0.005 χ^2 /NDF: 211.8/6

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.011 χ^2 /NDF: 1.6/1

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

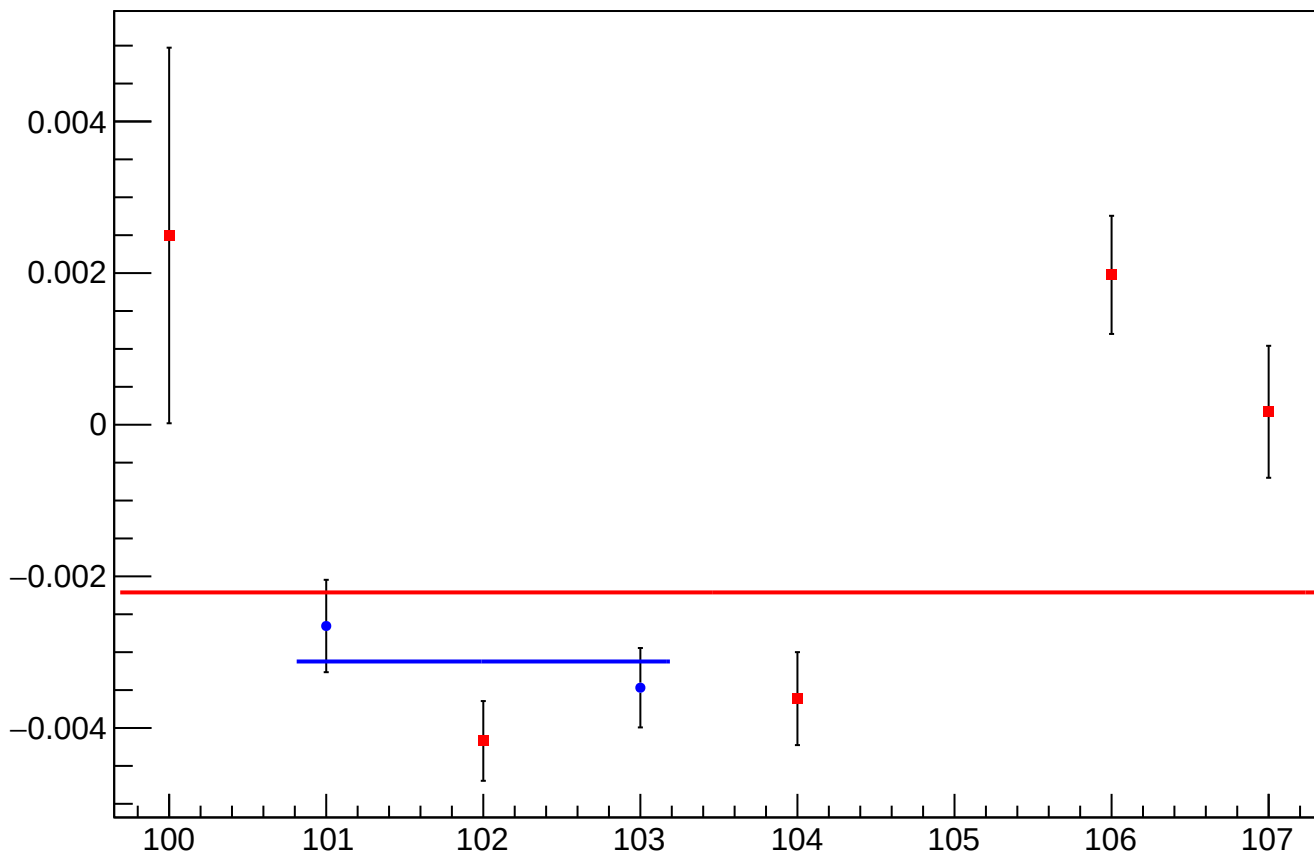
Right: 0.009 $\pm$ 0.007 χ^2 /NDF: 4.3/6

In: 0.015 $\pm$ 0.011 χ^2 /NDF:1.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.009 $\pm$ 0.007 χ^2 /NDF: 4.3/6

reg_asym_bcm_an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.003+/-0.000 χ^2/NDF : 1.0/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.002+/-0.000 χ^2/NDF : 59.1/4

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

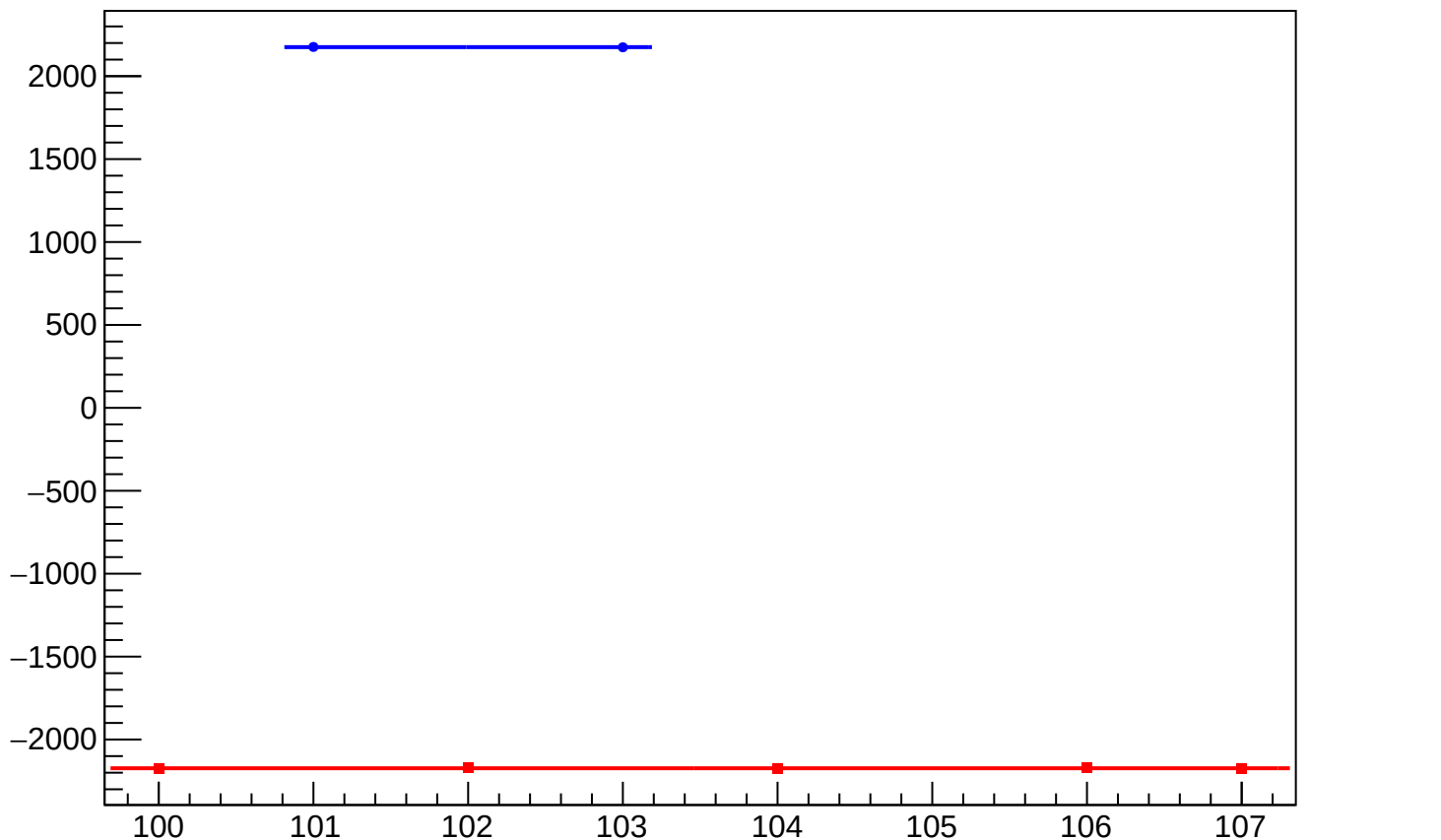
Right: -0.003+/-0.000 χ^2/NDF : 63.3/6

In: -0.003+/-0.000 χ^2/NDF :1.0/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

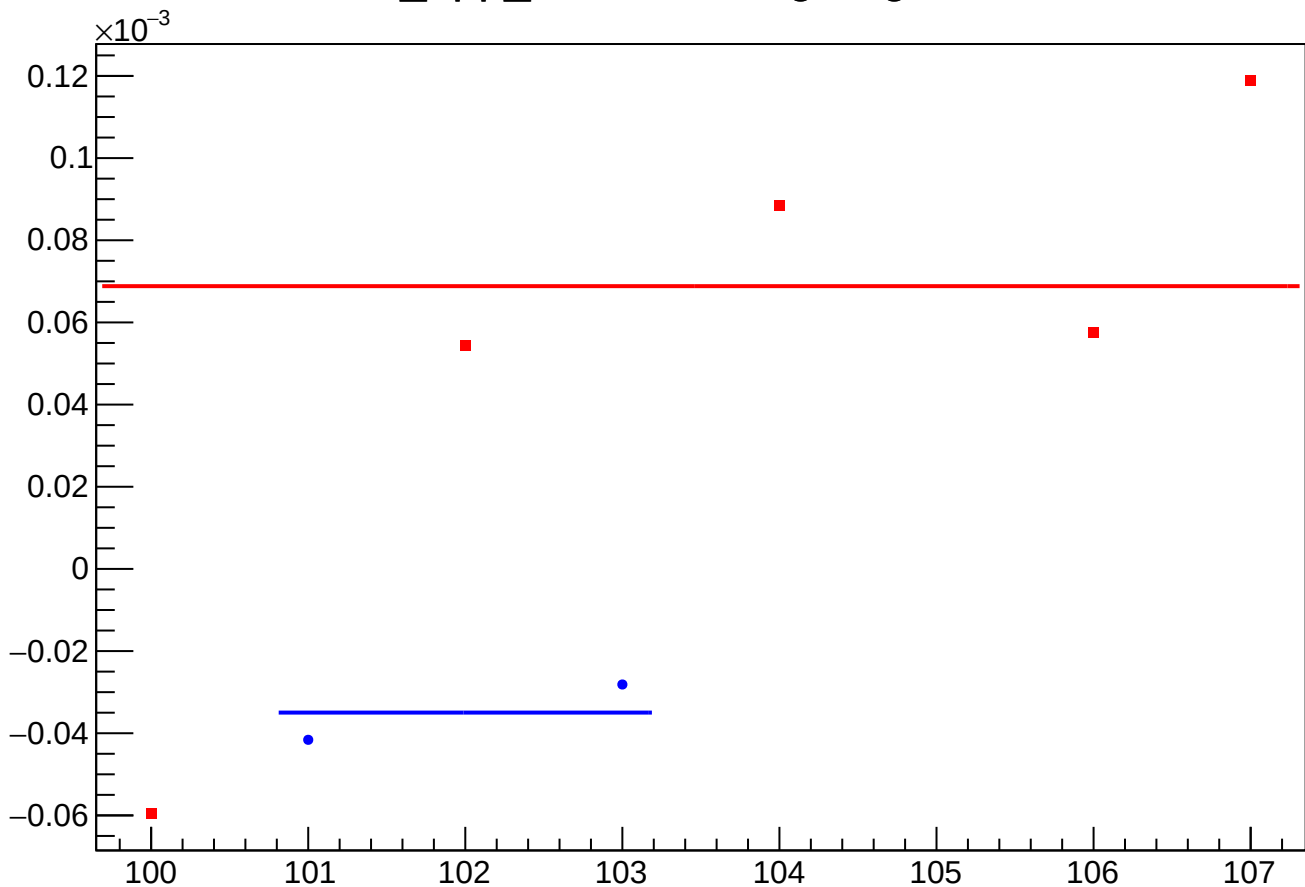
All: -0.003+/-0.000 χ^2/NDF : 63.3/6

HALLA_p_mean vs Slug, Sign Corrected



Right In: 2175.215+/-0.000 χ^2/NDF : 151386479871731818792182052028416.0/1
 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: -400.614+/-0.000 χ^2/NDF : 1433709360882

HALLA_dpp_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000

χ^2/NDF : 5801312445942100656128.0/1

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000

χ^2/NDF : 10373251648920164

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000

χ^2/NDF : 214573977051772103950336.0/4

In: -0.000+/-0.000

χ^2/NDF : 580131244594210065

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

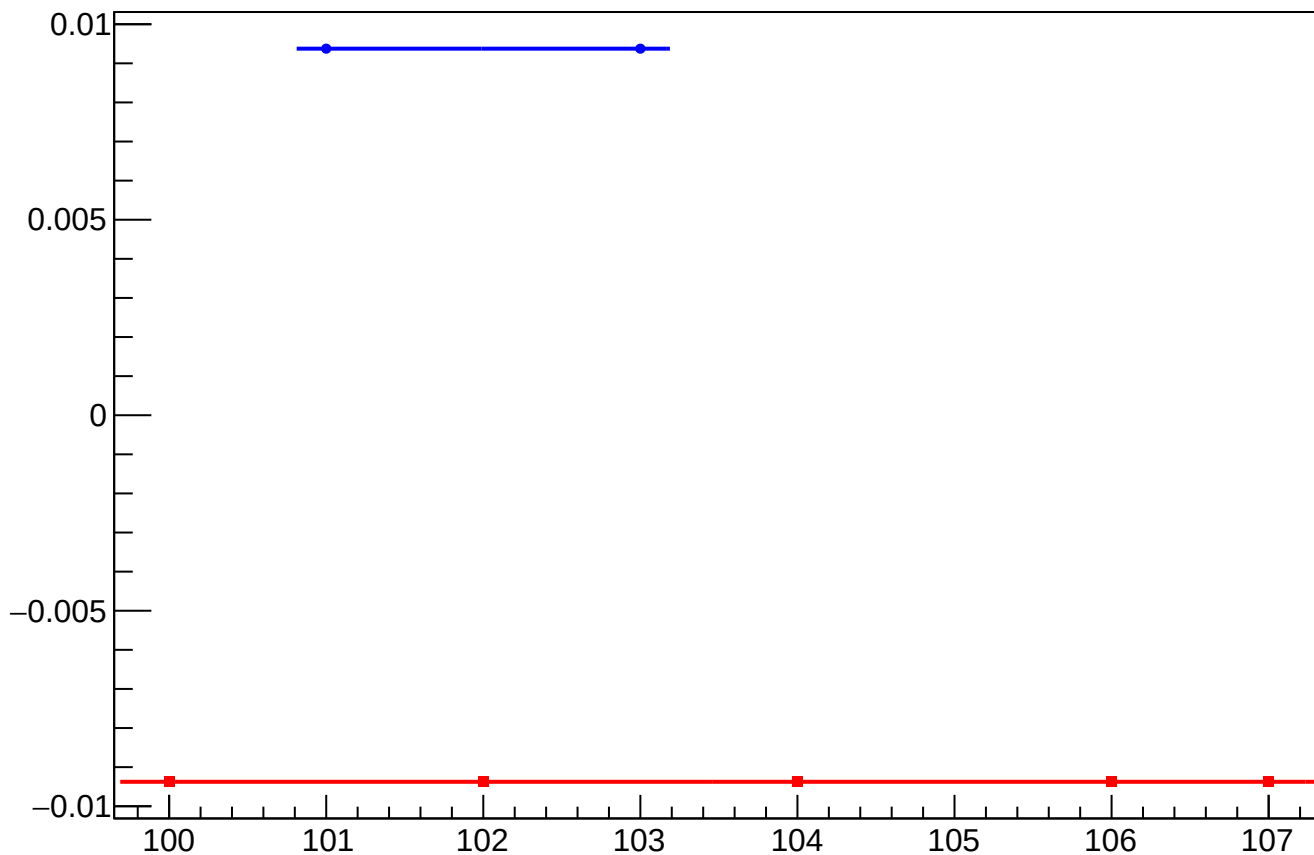
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.000+/-0.000

χ^2/NDF : 10373251648920

MQ171LM_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/1

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

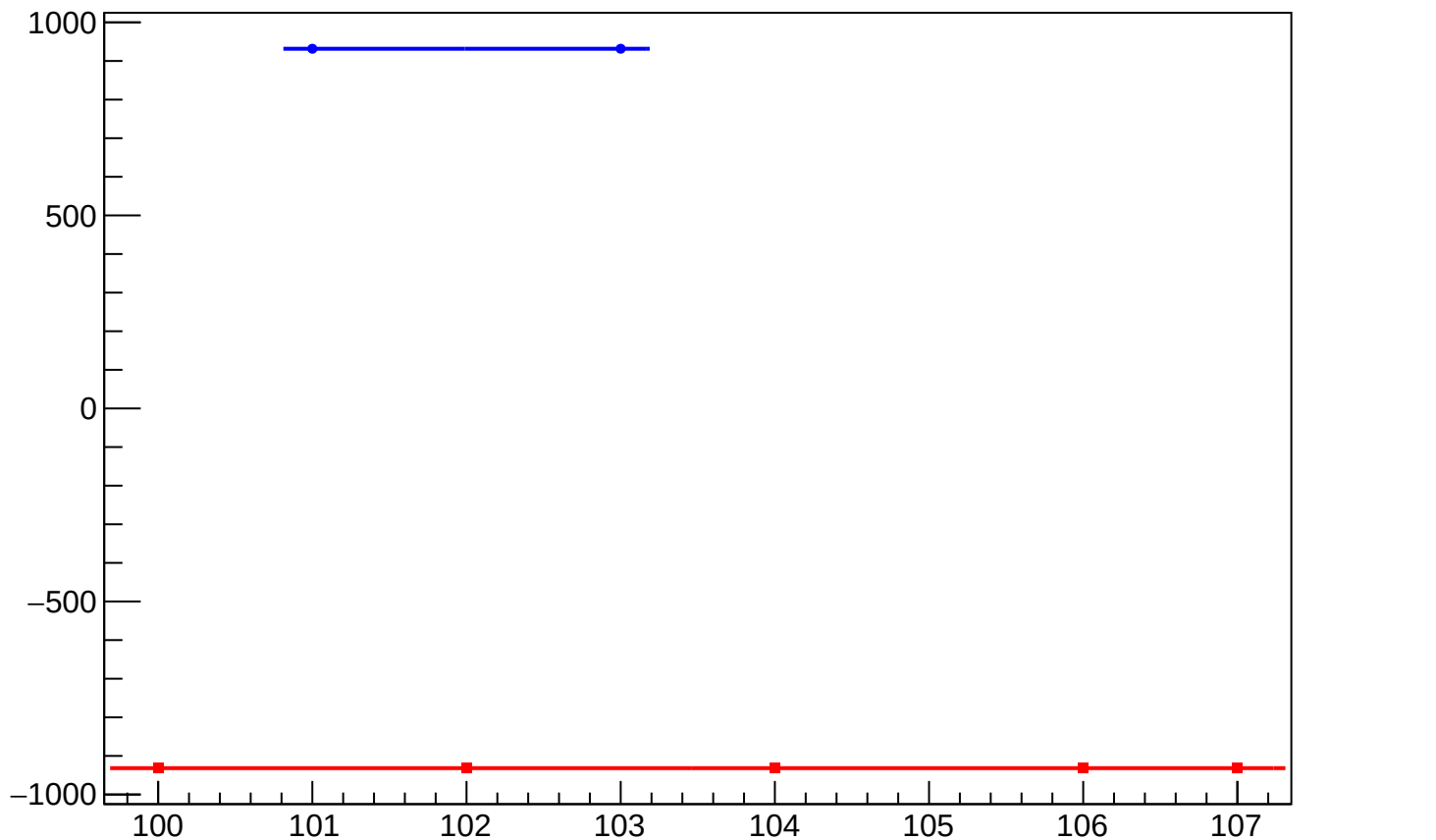
Right: -0.002 $\pm$ 0.000 χ^2 /NDF: 2665605095541399

In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

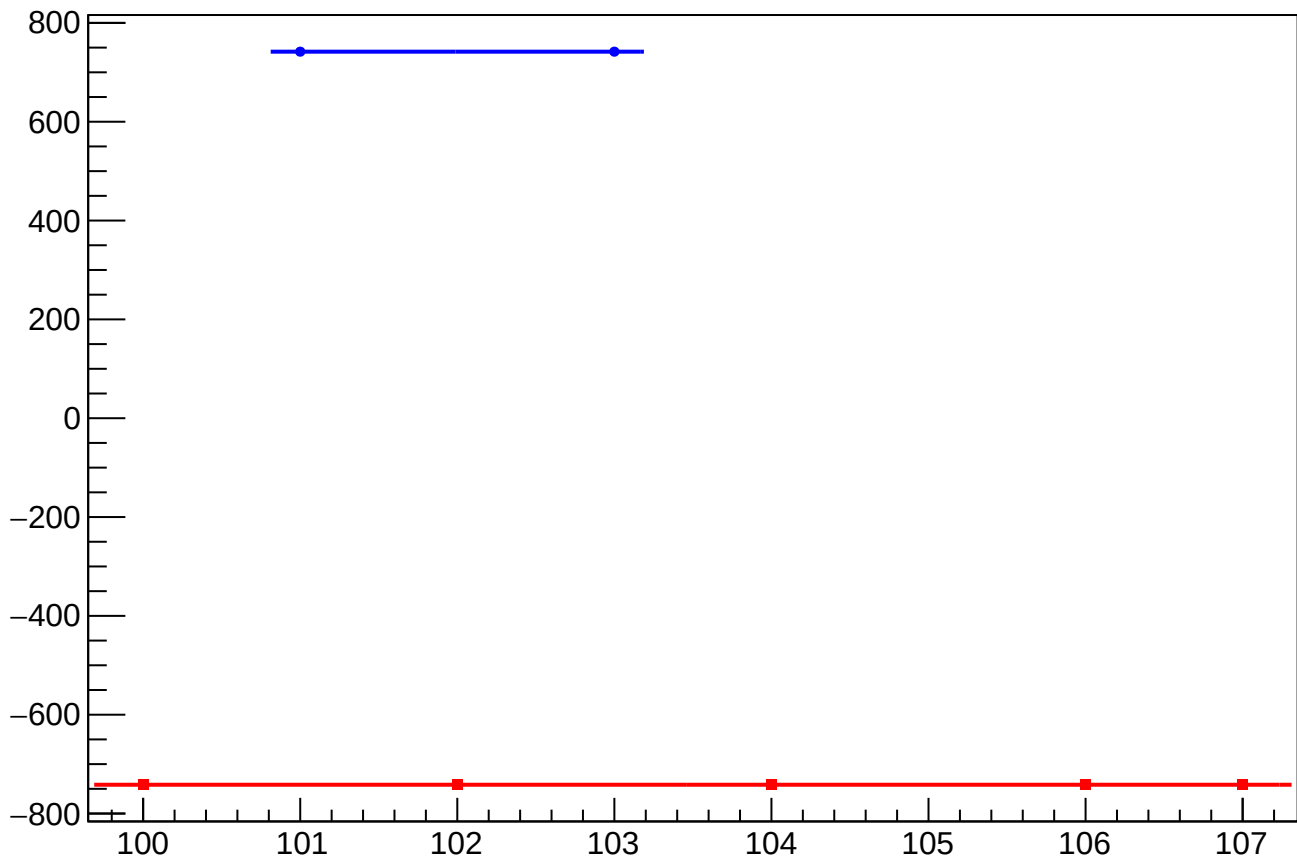
All: -0.002 $\pm$ 0.000 χ^2 /NDF: 2665605095541

HacL_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



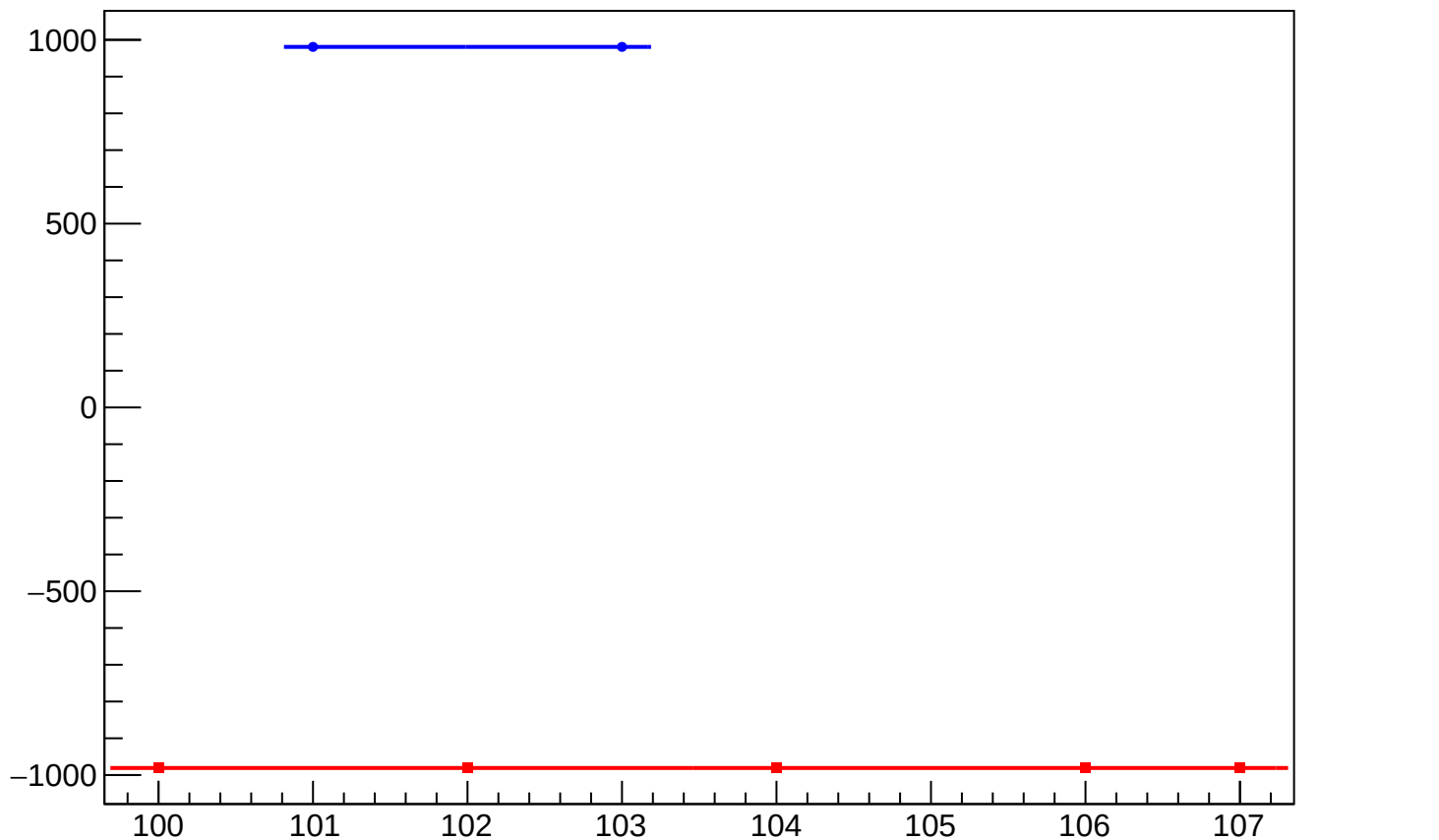
Right In: 931.682+/-0.000 χ^2/NDF : 11424886512742229379219718144.0/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -931.697+/-0.000 χ^2/NDF : 113487661342673597273997312000.0/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -172.103+/-0.000 χ^2/NDF : 26326658897144.0/1

HacL_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



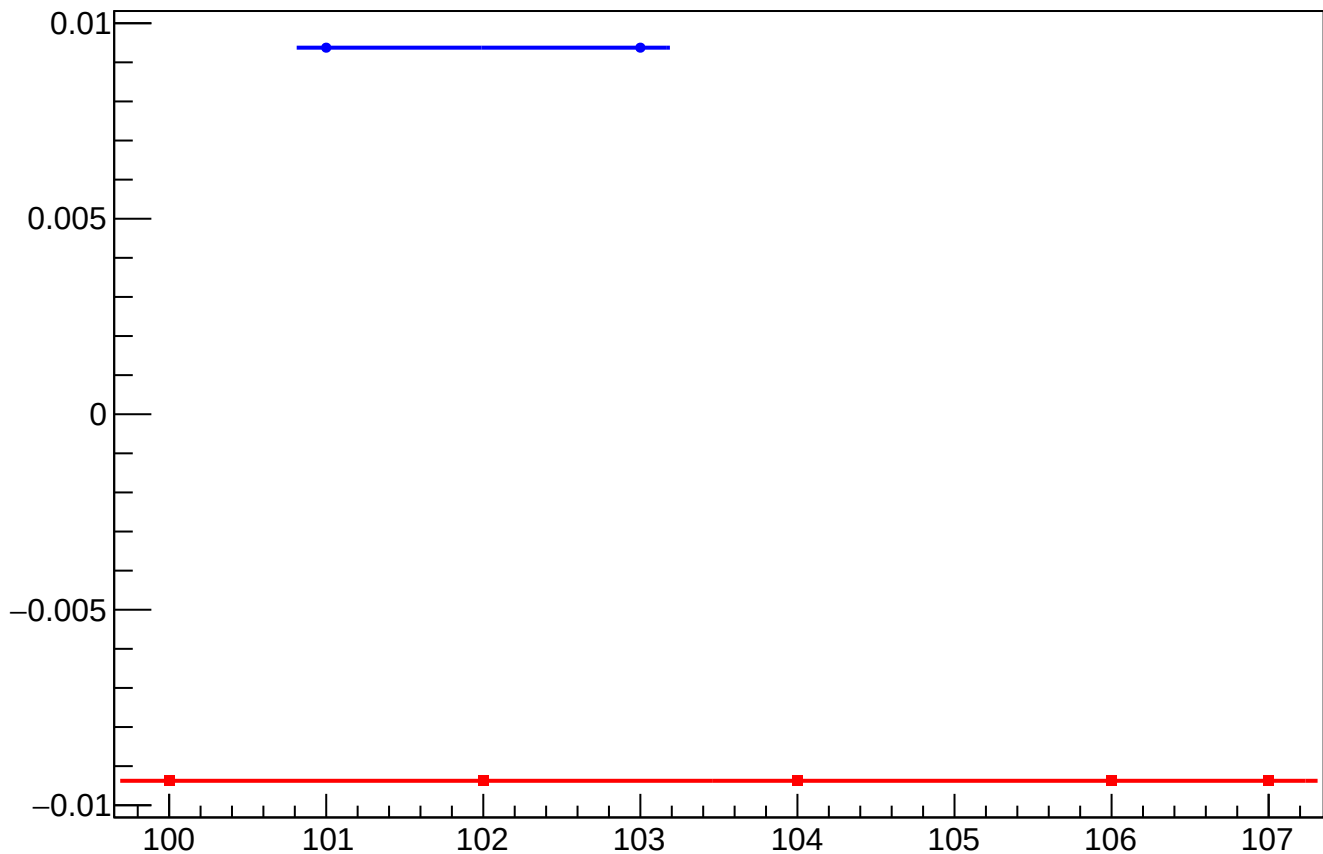
Right In: 741.772 $\pm$ 0.000 χ^2 /NDF: 685997903312158054431064064.0/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -741.735 $\pm$ 0.000 χ^2 /NDF: 1534397918150811094019985113088.0/4
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -136.993 $\pm$ 0.000 χ^2 /NDF: 16686767270941

HacL_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 980.814 $\pm$ 0.000 χ^2/NDF : 9514784077195109143435804672.0/1
 Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right Out: -980.798 $\pm$ 0.000 χ^2/NDF : 209072571761296383311391752192.0/4
 Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: -181.160 $\pm$ 0.000 χ^2/NDF : 29175583301364

MQ172RM_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/1

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

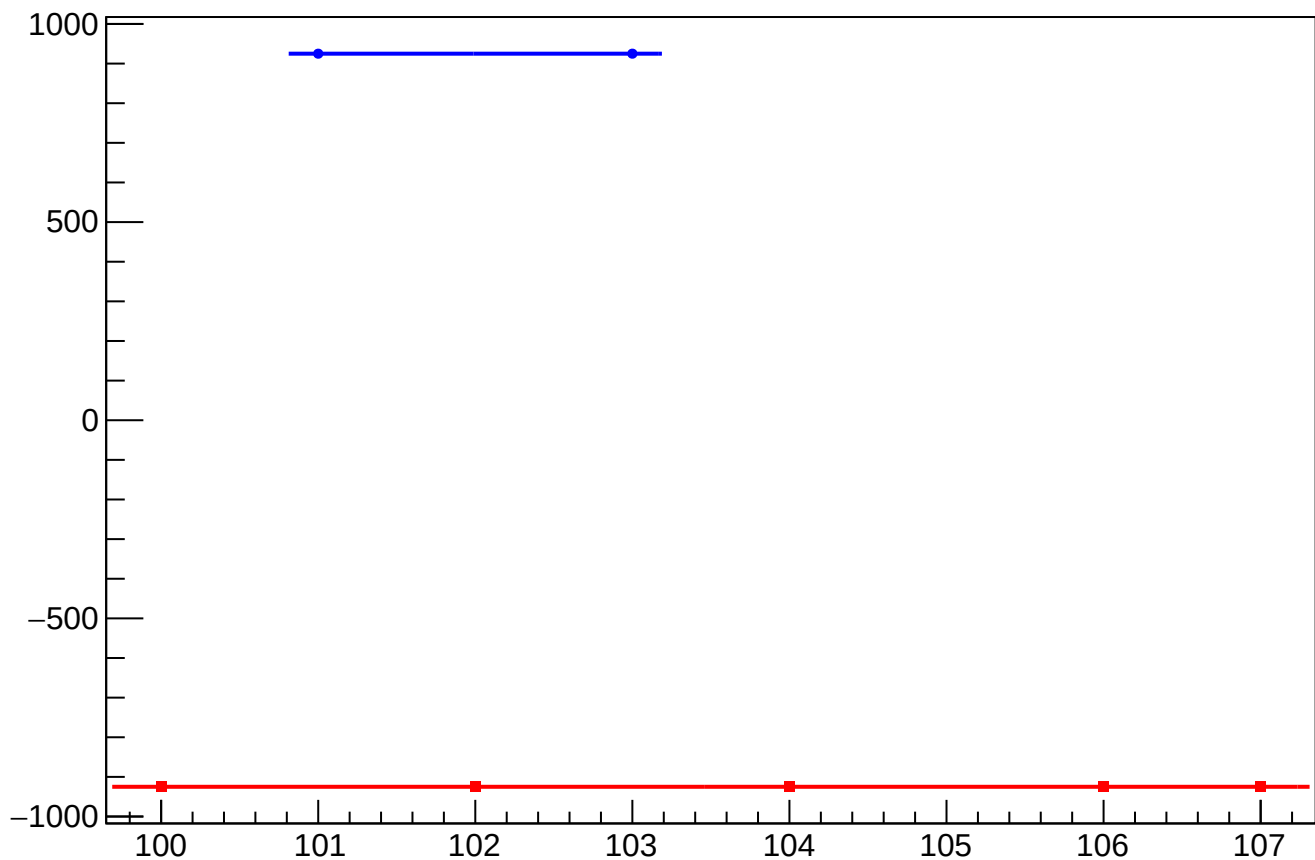
Right: -0.002 $\pm$ 0.000 χ^2 /NDF: 2665605095541399

In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

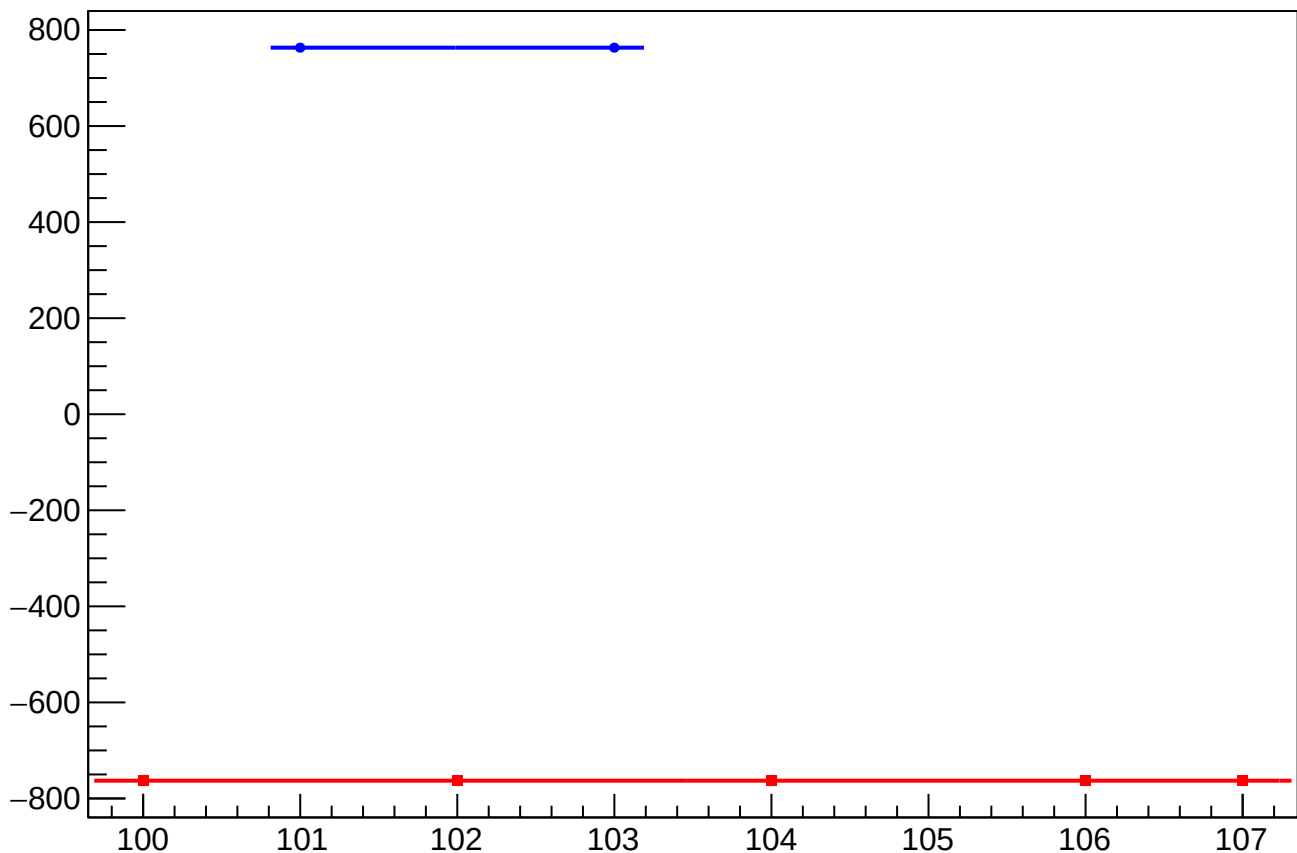
All: -0.002 $\pm$ 0.000 χ^2 /NDF: 2665605095541

HacR_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



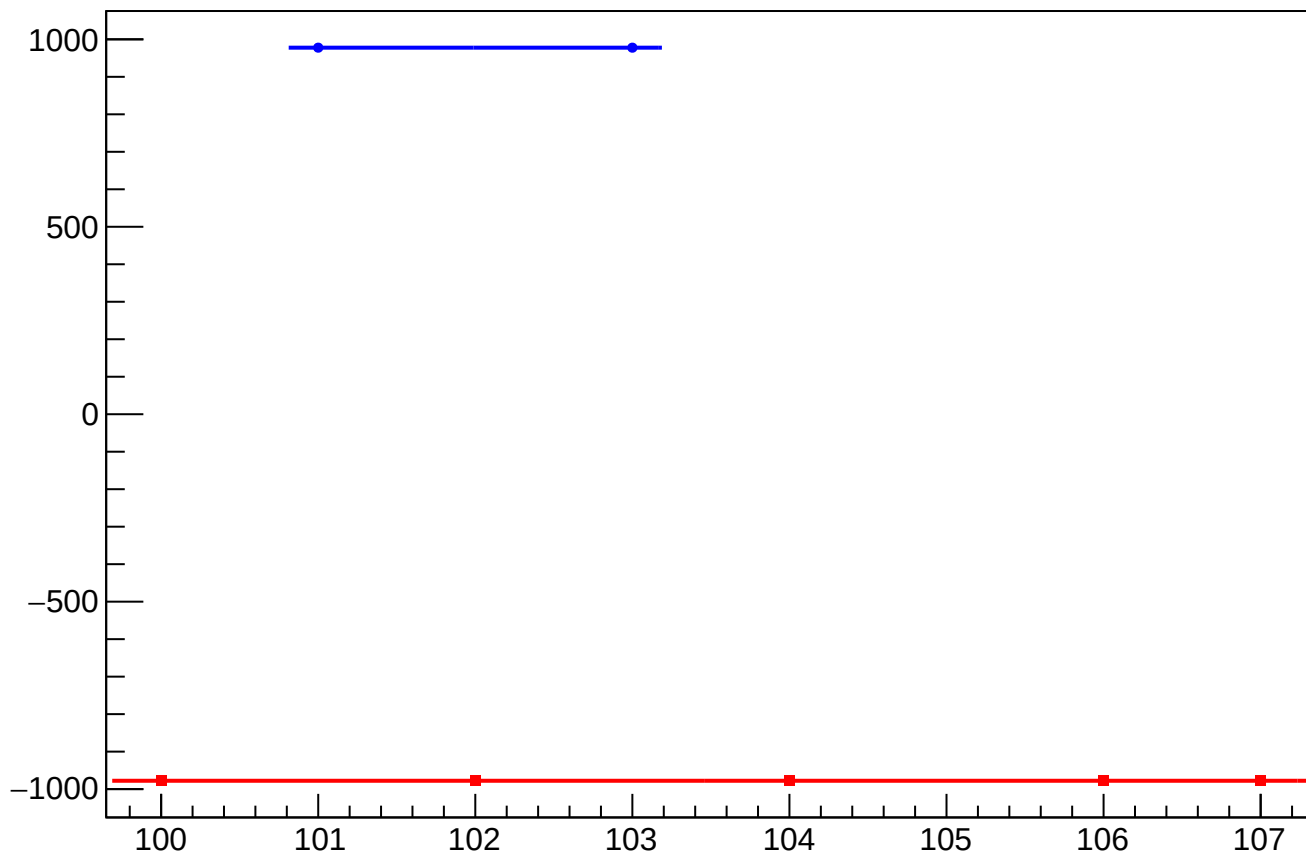
Right In: 924.988+/-0.000 χ^2/NDF : 64553518450560448875877892096.0/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -924.981+/-0.000 χ^2/NDF : 86838540308051734384523345920.0/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -170.854+/-0.000 χ^2/NDF : 25949092268997

HacR_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



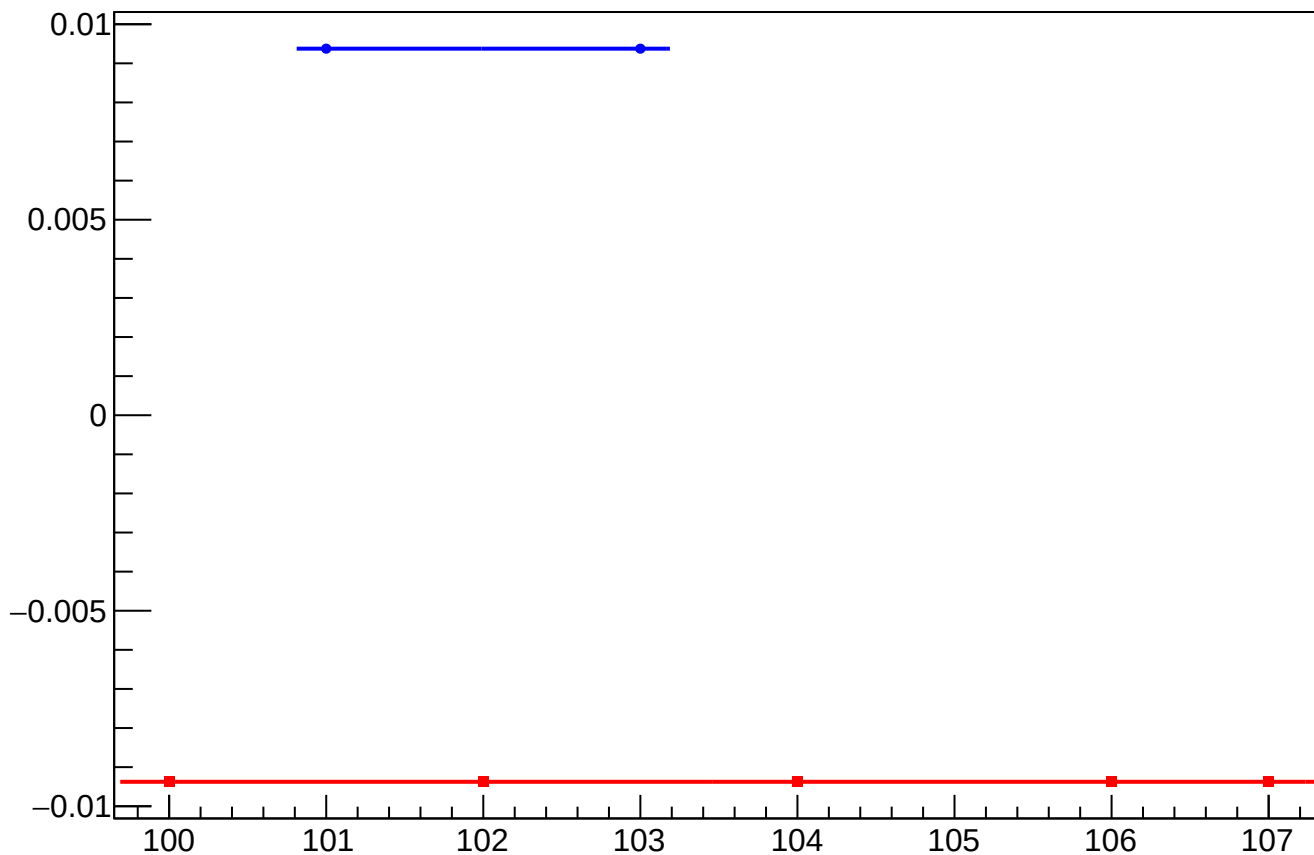
Right In: 763.187+/-0.000 χ^2/NDF : 3703440259585865301192867840.0/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -762.989+/-0.000 χ^2/NDF : 19179572897183023165978055802880.0/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -140.854+/-0.000 χ^2/NDF : 17660491211914

HacR_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 977.748 $\pm$ 0.000 χ^2 /NDF: 11043369418043507583962054656.0/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: -977.739 $\pm$ 0.000 χ^2 /NDF: 77477215767180717349236899840.0/4
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -180.598 $\pm$ 0.000 χ^2 /NDF: 28993663087507

hesDipole_current_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/1

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

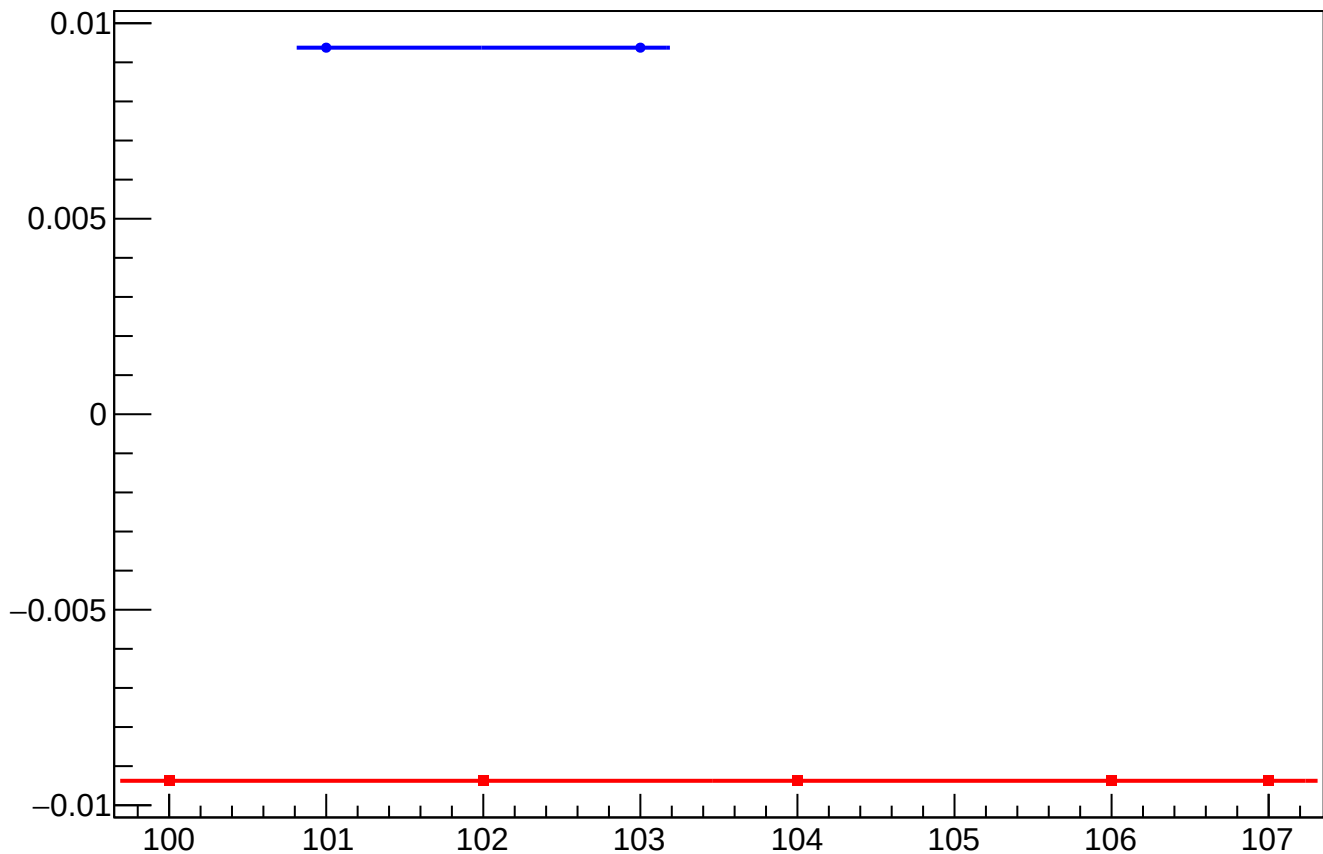
Right: -0.002+/-0.000 χ^2/NDF : 2665605095541399

In: 0.009+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.002+/-0.000 χ^2/NDF : 2665605095541

MSUPERBIGBITereadcalc_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/1

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

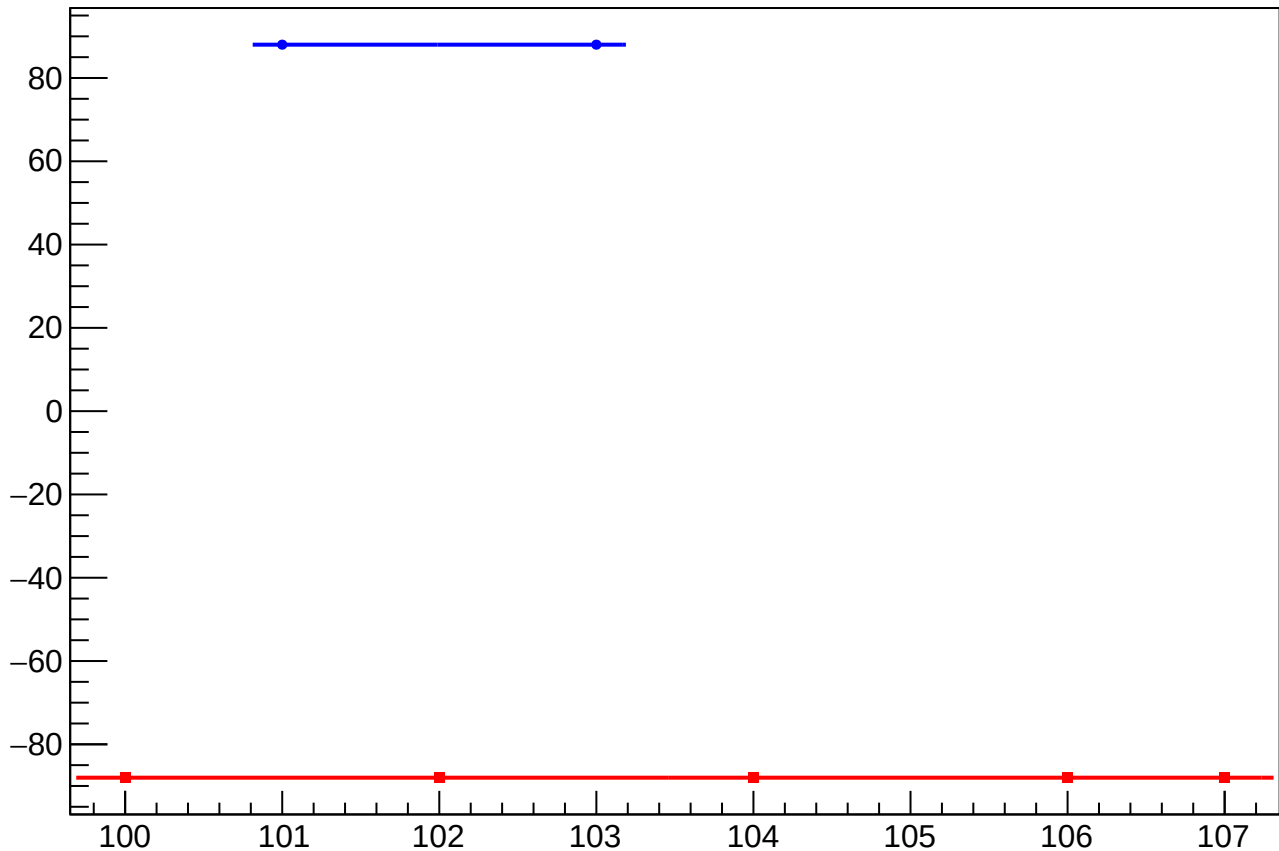
Right: -0.002+/-0.000 χ^2/NDF : 2665605095541399

In: 0.009+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.002+/-0.000 χ^2/NDF : 2665605095541

VWienAngle_mean vs Slug, Sign Corrected



Right In: 88.001+/-0.000 χ^2/NDF : 25849.4/1

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

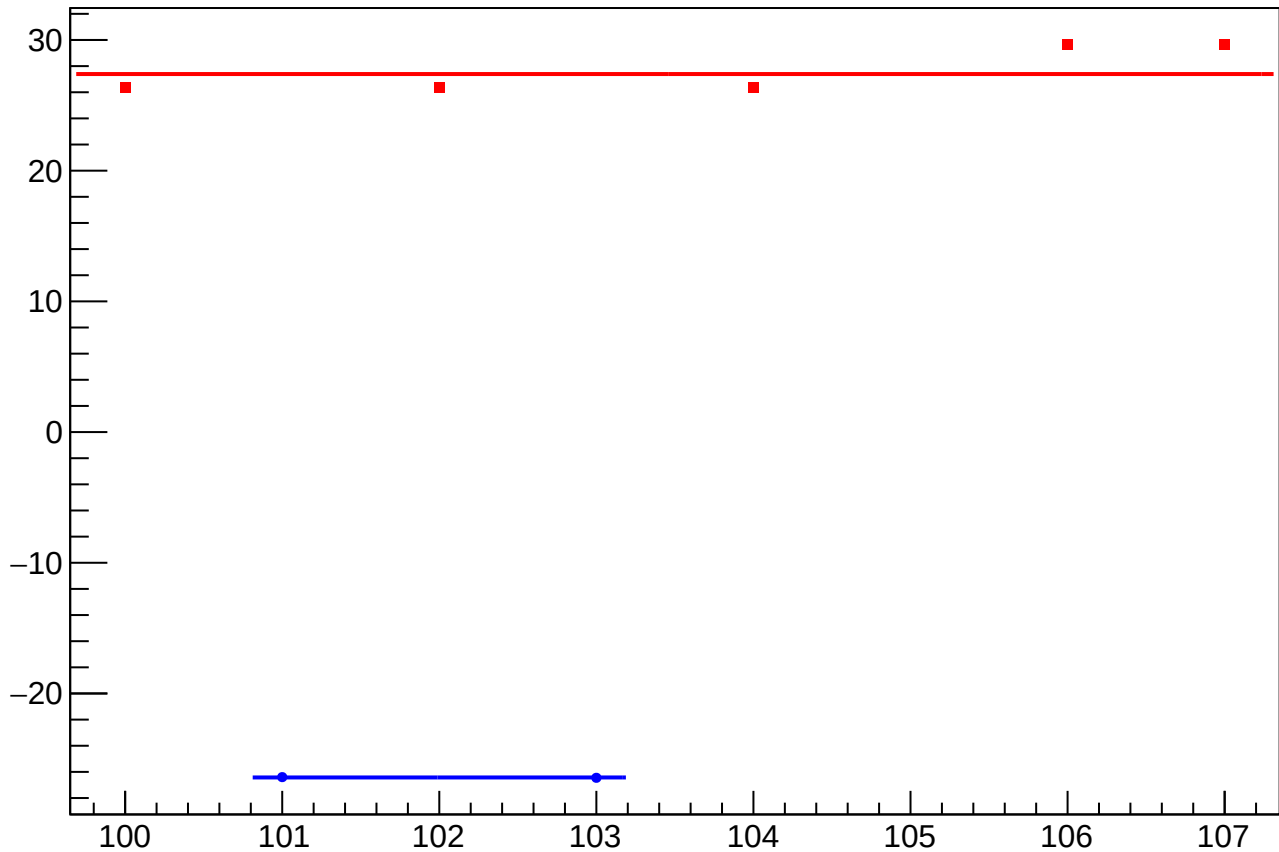
Right: -16.261+/-0.000 χ^2/NDF : 234898521943474

In: 88.001+/-0.000 χ^2/NDF : 25849.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

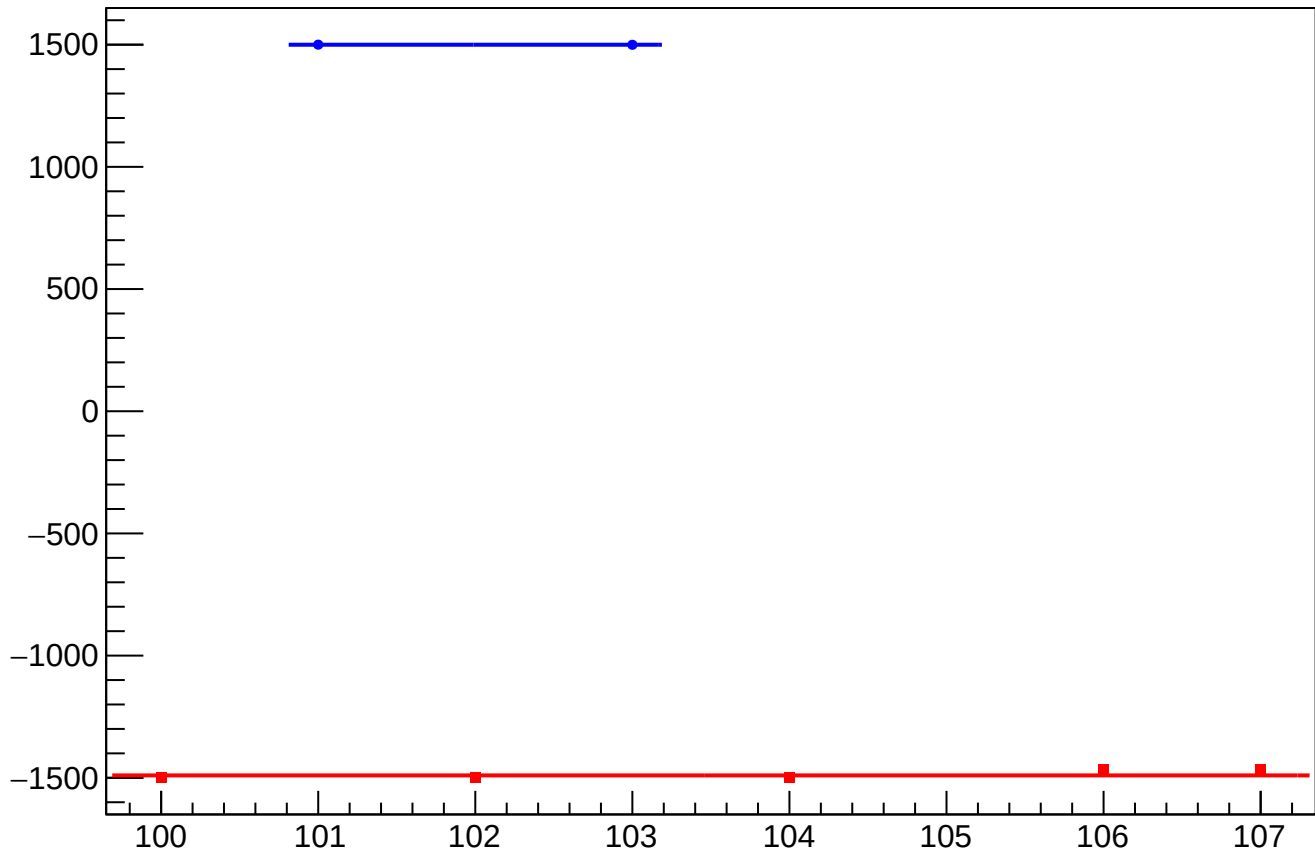
All: -16.261+/-0.000 χ^2/NDF : 234898521943

HWienAngle_mean vs Slug, Sign Corrected



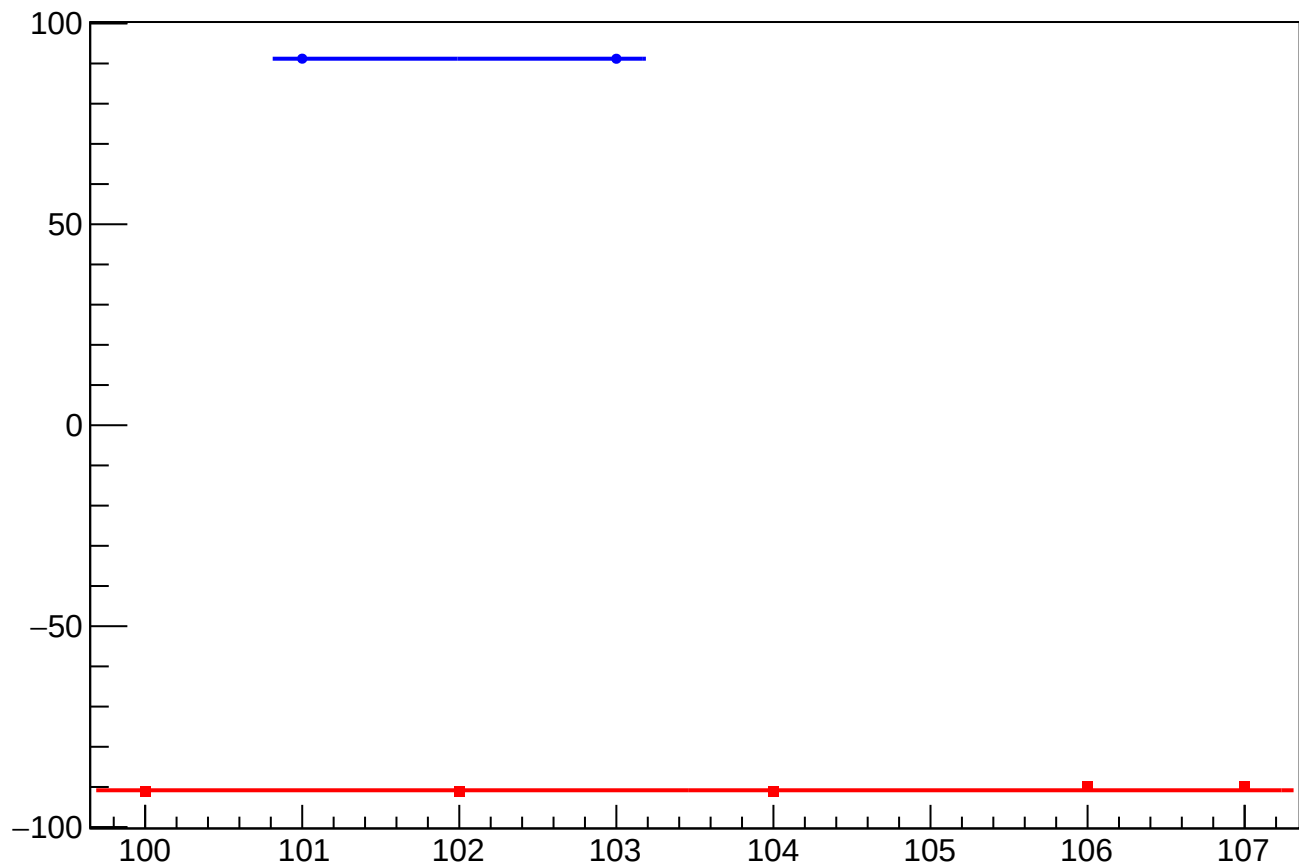
Right In: -26.426 $\pm$ 0.000 χ^2 /NDF: 84616071428601276711999373312.0/1
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Right Out: 27.394 $\pm$ 0.000 χ^2 /NDF: 414993832258078671883492321656832.0/4
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
All: 5.454 $\pm$ 0.000 χ^2 /NDF: 22003642590884551

psub_pl_pos_mean vs Slug, Sign Corrected



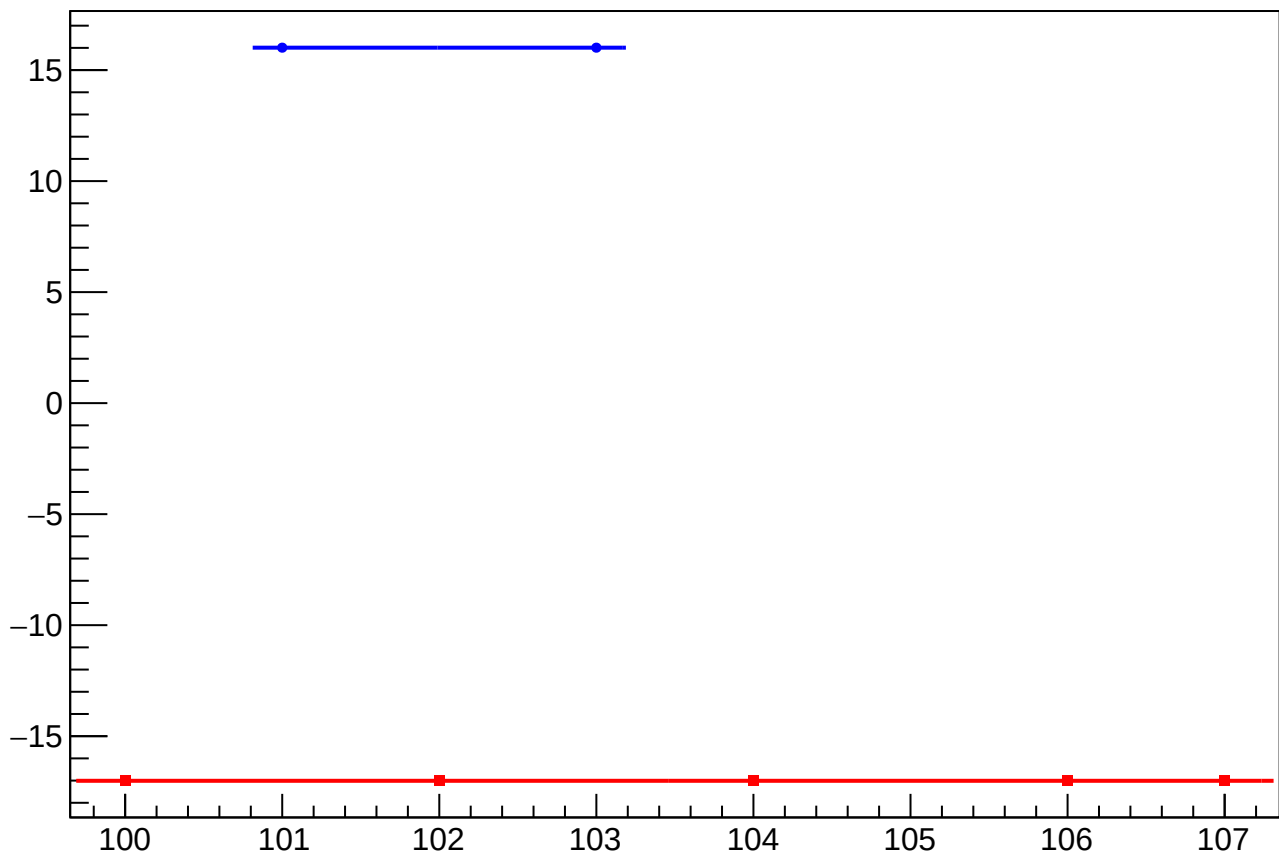
Right In: 1499.751+/-0.000 χ^2/NDF : 8265014854241130300296031895552.0/1
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -1490.188+/-0.000 χ^2/NDF : 40535209566375408462199078713819136.0/4
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -271.359+/-0.000 χ^2/NDF : 67786572250357

Phi_FG_mean vs Slug, Sign Corrected



Right In: 91.190+/-0.000 χ^2/NDF : 12393849206289169981649190912.0/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -90.819+/-0.000 χ^2/NDF : 607847999999996068106816790200320.0/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -16.625+/-0.000 χ^2/NDF : 251182314257117

IGL1I00DI24_24M_mean vs Slug, Sign Corrected



Right In: 16.009+/-0.000 χ^2/NDF : 1615.6/1

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

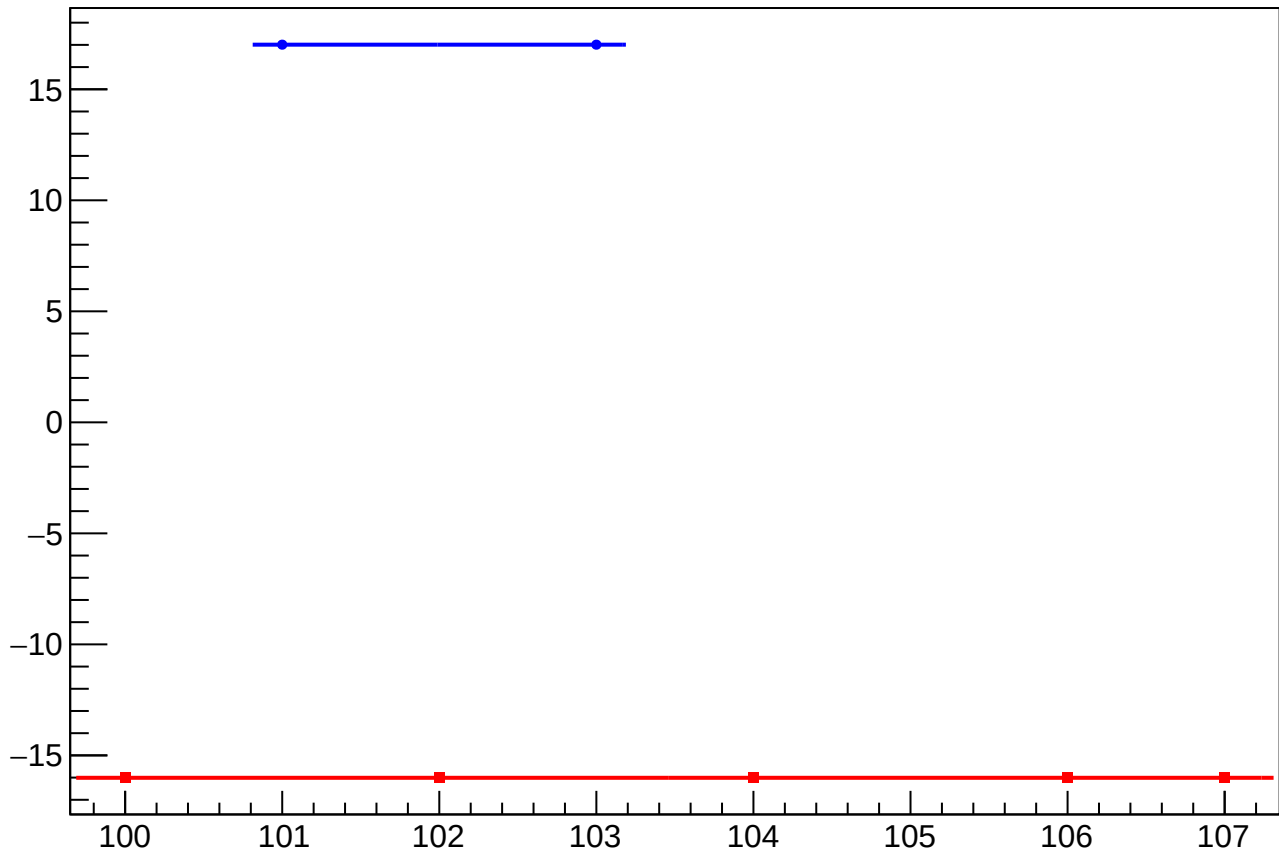
Right: -3.107+/-0.000 χ^2/NDF : 8079236289473691

In: 16.009+/-0.000 χ^2/NDF : 1615.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.107+/-0.000 χ^2/NDF : 8079236289473

IGL1I00OD16_16_mean vs Slug, Sign Corrected



Right In: 17.009 $\pm$ 0.000 χ^2 /NDF: 795.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -16.009 $\pm$ 0.000 χ^2 /NDF: 12053.8/4

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

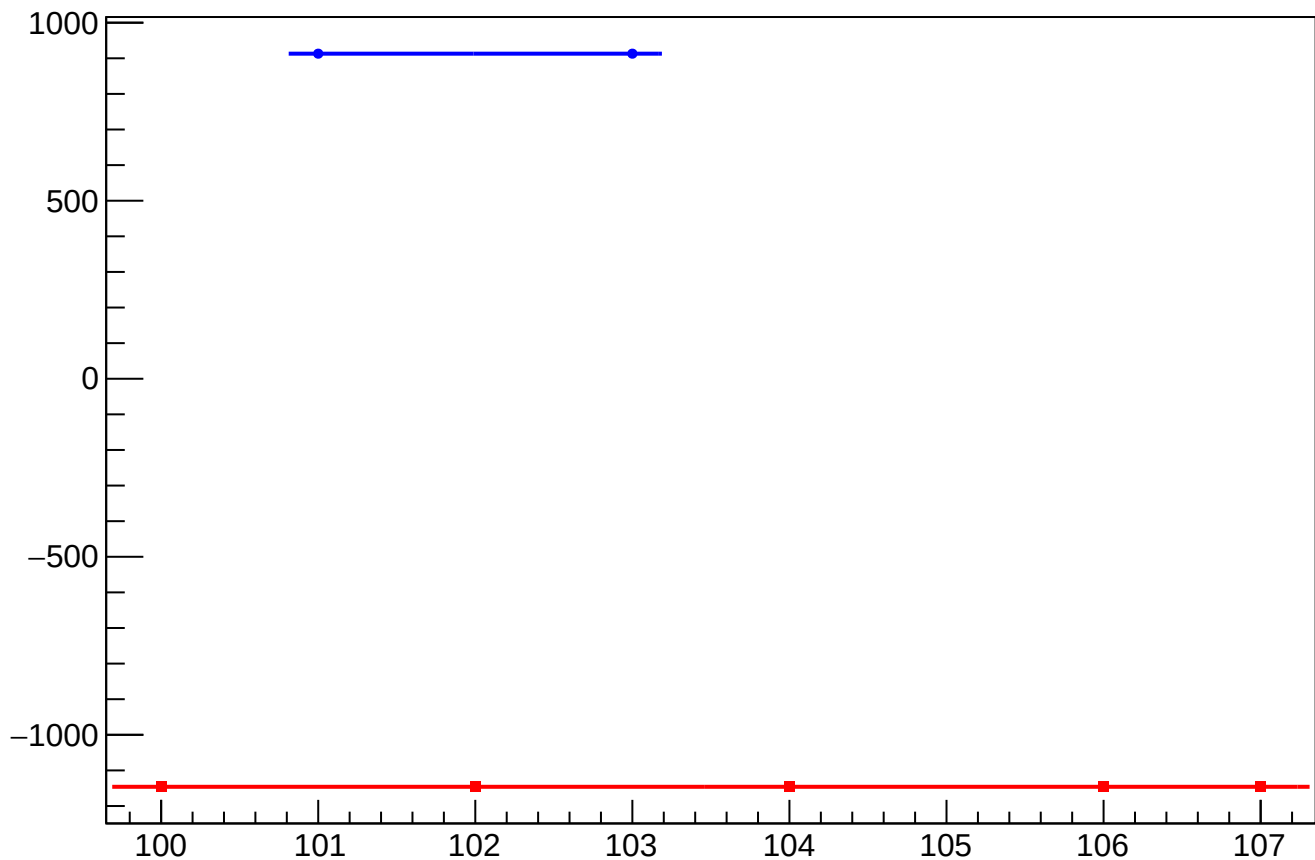
Right: -2.955 $\pm$ 0.000 χ^2 /NDF: 7844641657521807

In: 17.009 $\pm$ 0.000 χ^2 /NDF: 795.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

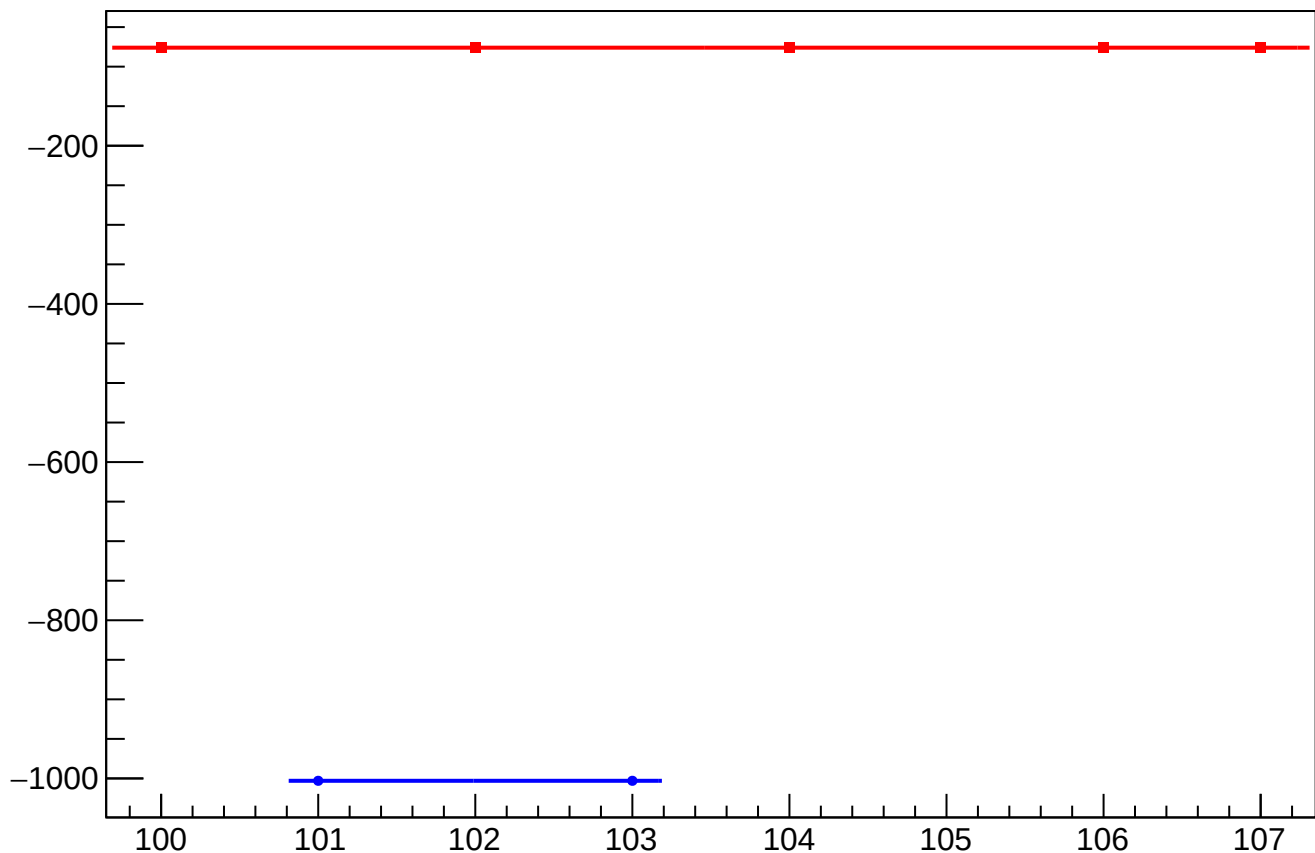
All: -2.955 $\pm$ 0.000 χ^2 /NDF: 7844641657521

RTPAPOSUCNT_mean vs Slug, Sign Corrected



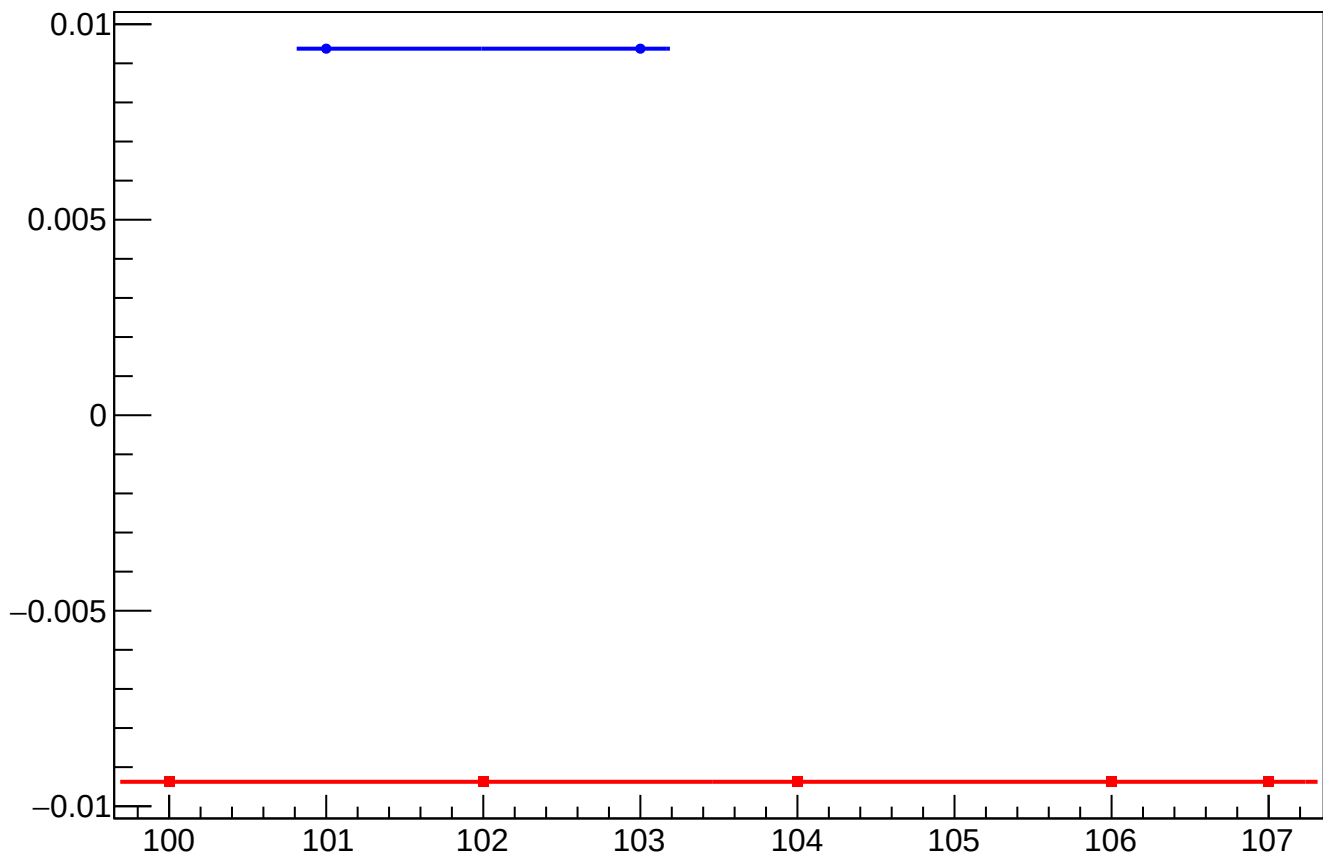
Right In: 912.994 $\pm$ 0.000 χ^2 /NDF: 1290678205569944677284577280.0/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -1146.010 $\pm$ 0.000 χ^2 /NDF: 601779075869686564313366528.0/4
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -306.671 $\pm$ 0.000 χ^2 /NDF: 32144566249326

RTPAPOSVCNT_mean vs Slug, Sign Corrected



Right In: -1002.990+/-0.000 χ^2/NDF : 96455448877982746610237440.0/1
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: -453.887+/-0.000 χ^2/NDF : 65152980169105

RTPPITA1CNT_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/1

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

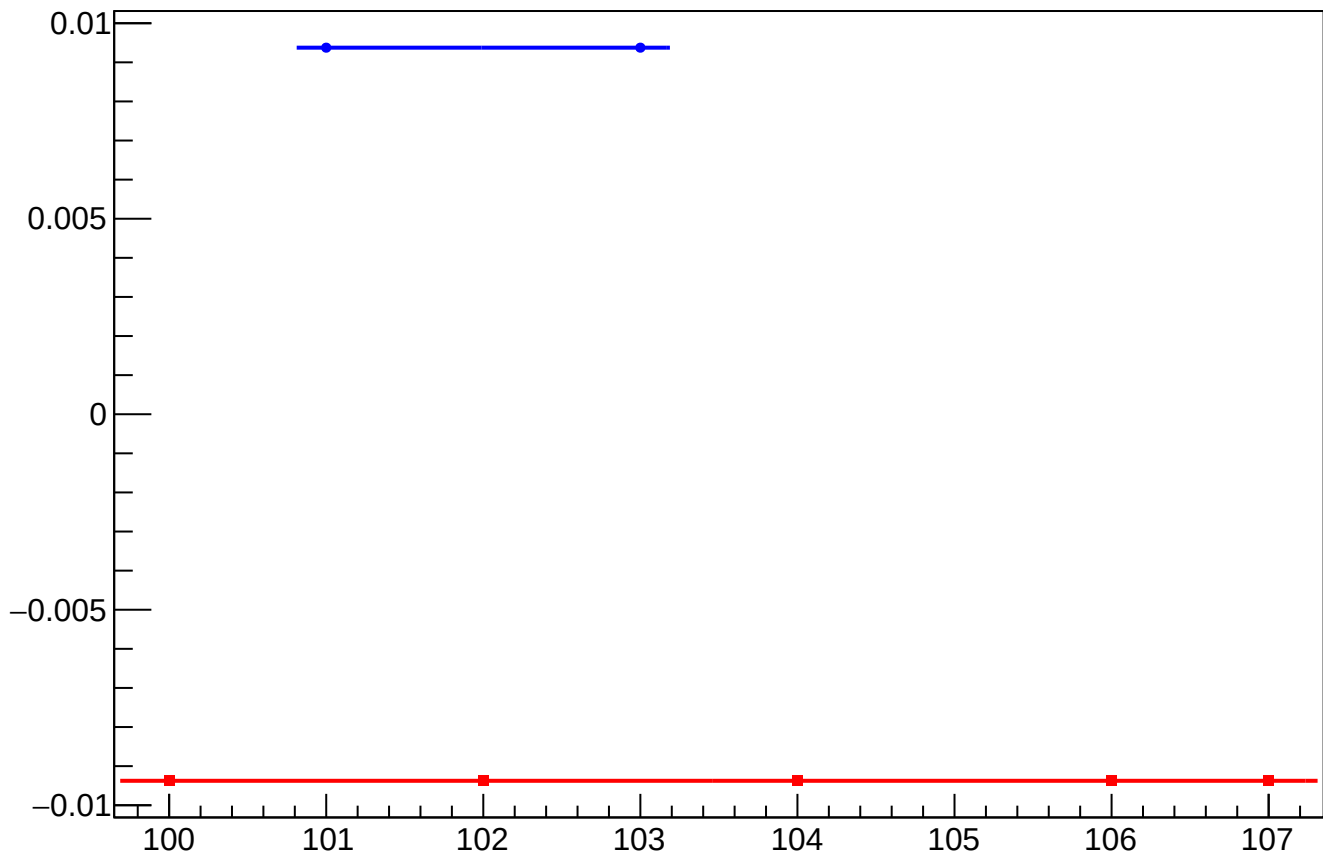
Right: -0.002+/-0.000 χ^2/NDF : 2665605095541399

In: 0.009+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.002+/-0.000 χ^2/NDF : 2665605095541

RTPPITA2CNT_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/1

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: -0.002+/-0.000 χ^2/NDF : 2665605095541399

In: 0.009+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.002+/-0.000 χ^2/NDF : 2665605095541