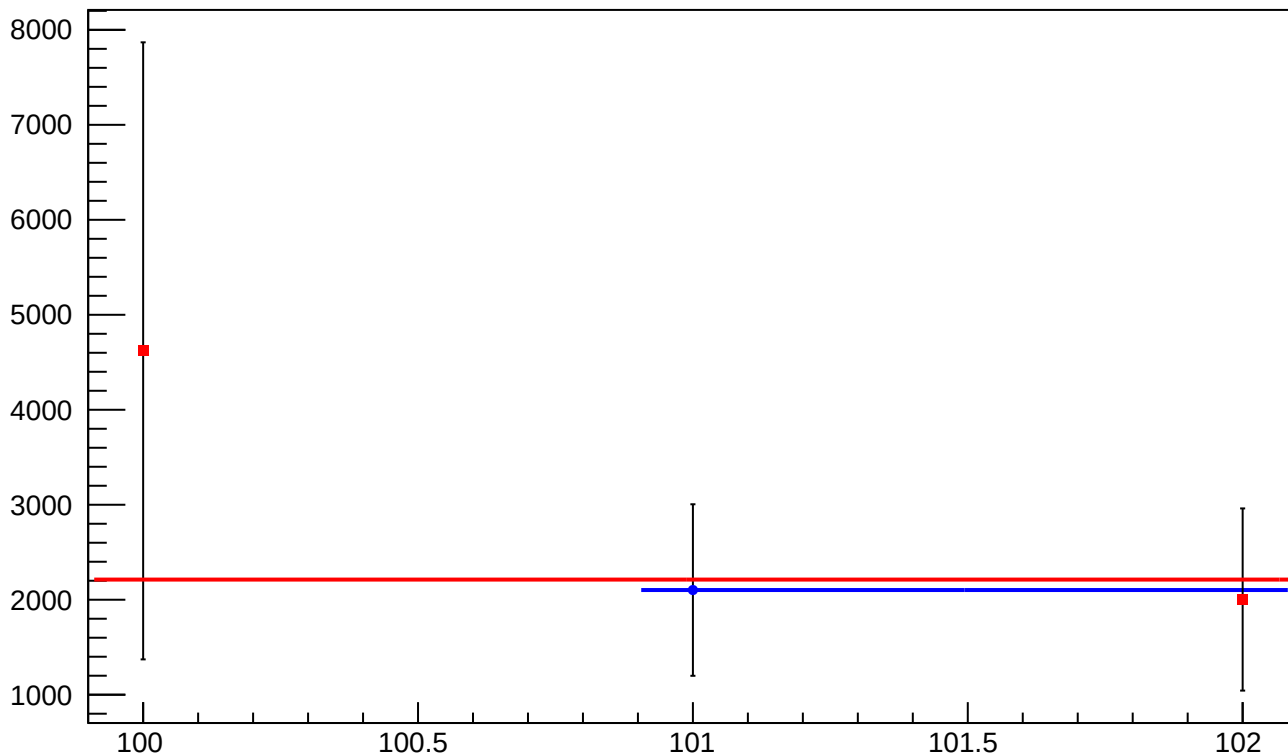


reg_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2102.156+/-902.970 χ^2/NDF : 0.0/0

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

Right Out: 2212.206+/-919.781 χ^2/NDF : 0.6/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

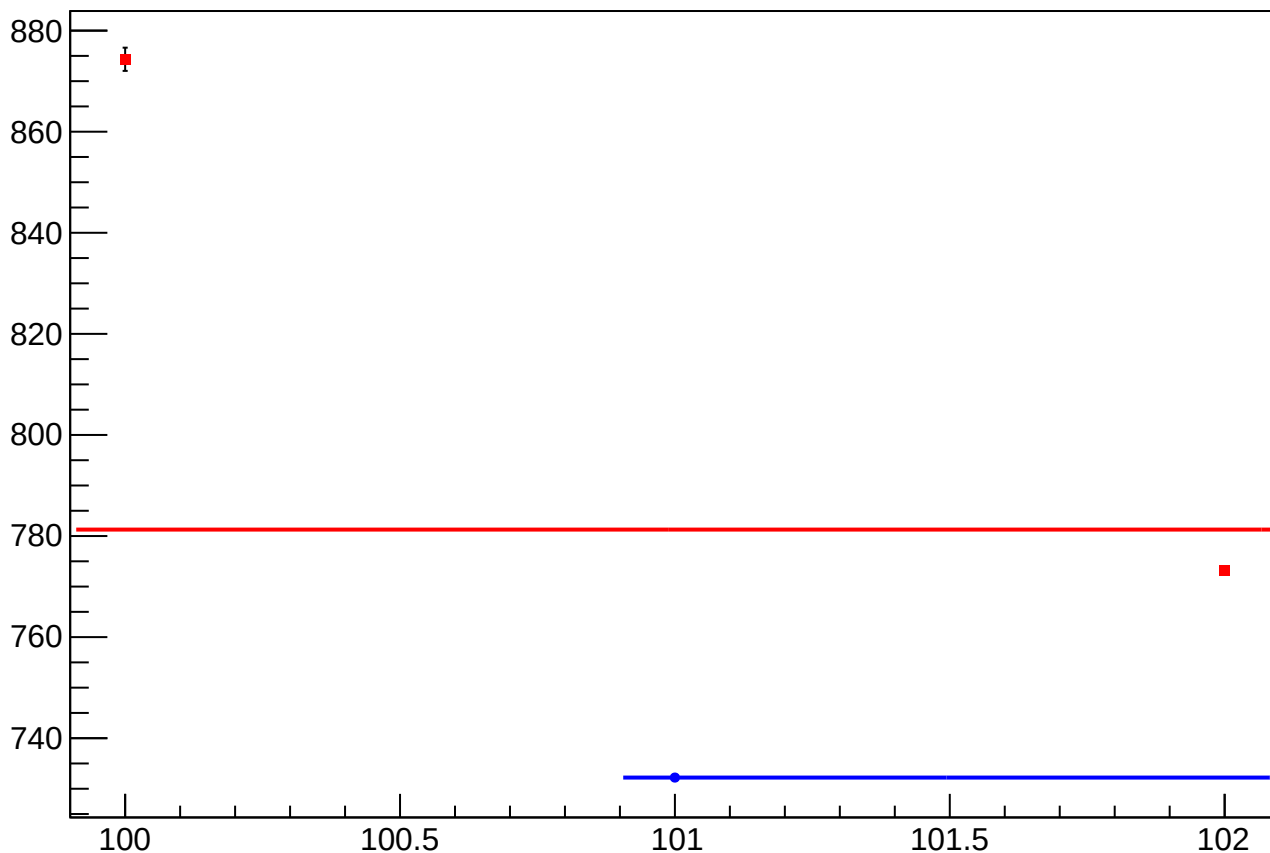
Right: 2156.166+/-644.358 χ^2/NDF : 0.6/2

In: 2102.156+/-902.970 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2156.166+/-644.358 χ^2/NDF : 0.6/2

reg_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 732.211+/-0.638 χ^2/NDF : 0.0/0

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

Right Out: 781.276+/-0.650 χ^2/NDF : 1784.3/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

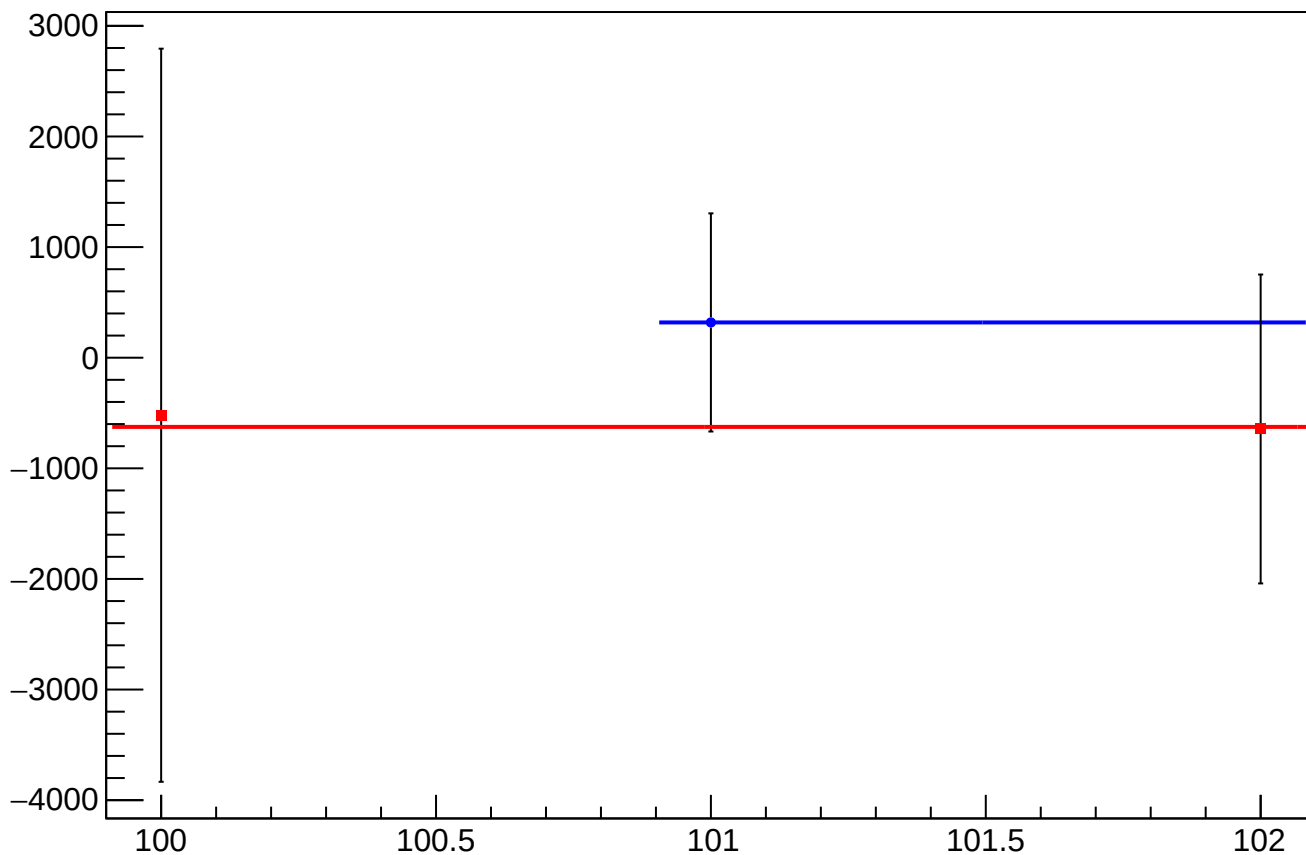
Right: 756.291+/-0.456 χ^2/NDF : 4682.5/2

In: 732.211+/-0.638 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 756.291+/-0.456 χ^2/NDF : 4682.5/2

asym_us_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 318.852+/-985.996 χ^2/NDF : 0.0/0

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

Right Out: -625.503+/-1286.765 χ^2/NDF : 0.0/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

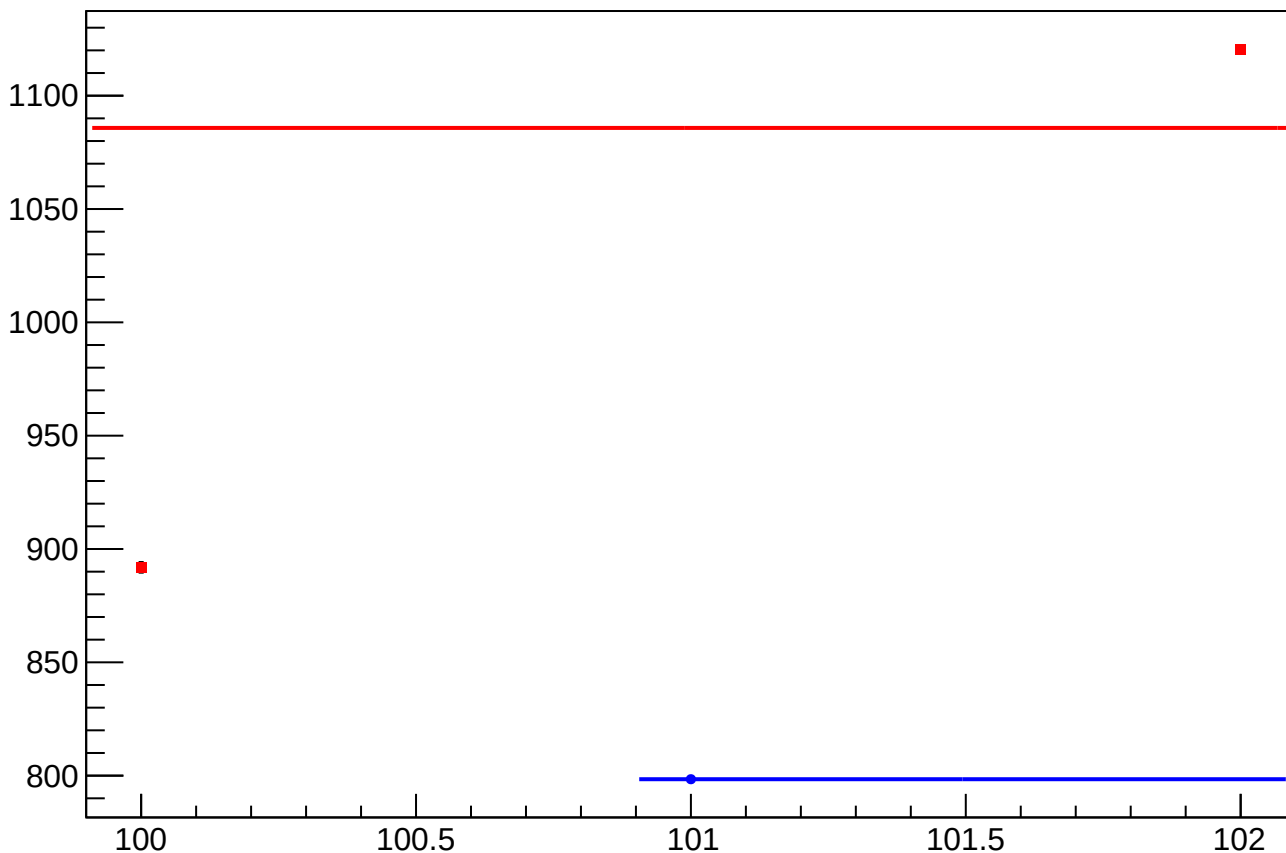
Right: -30.503+/-782.646 χ^2/NDF : 0.3/2

In: 318.852+/-985.996 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.503+/-782.646 χ^2/NDF : 0.3/2

asym_us_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 798.426+/-0.697 χ^2/NDF : 0.0/0

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

Right Out: 1085.779+/-0.910 χ^2/NDF : 8060.7/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

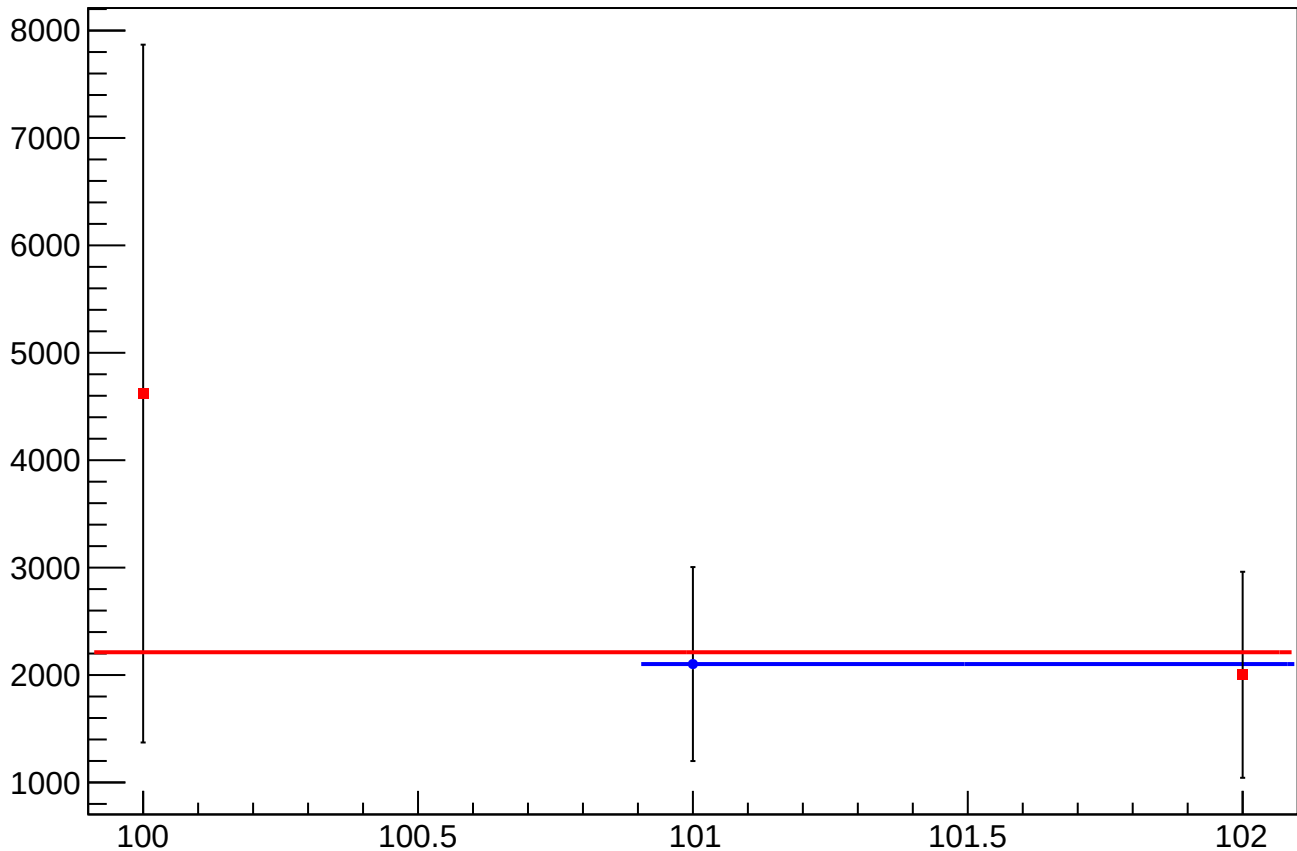
Right: 904.730+/-0.553 χ^2/NDF : 70901.9/2

In: 798.426+/-0.697 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 904.730+/-0.553 χ^2/NDF : 70901.9/2

cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2102.156+/-902.970 χ^2/NDF : 0.0/0

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

Right Out: 2212.206+/-919.781 χ^2/NDF : 0.6/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

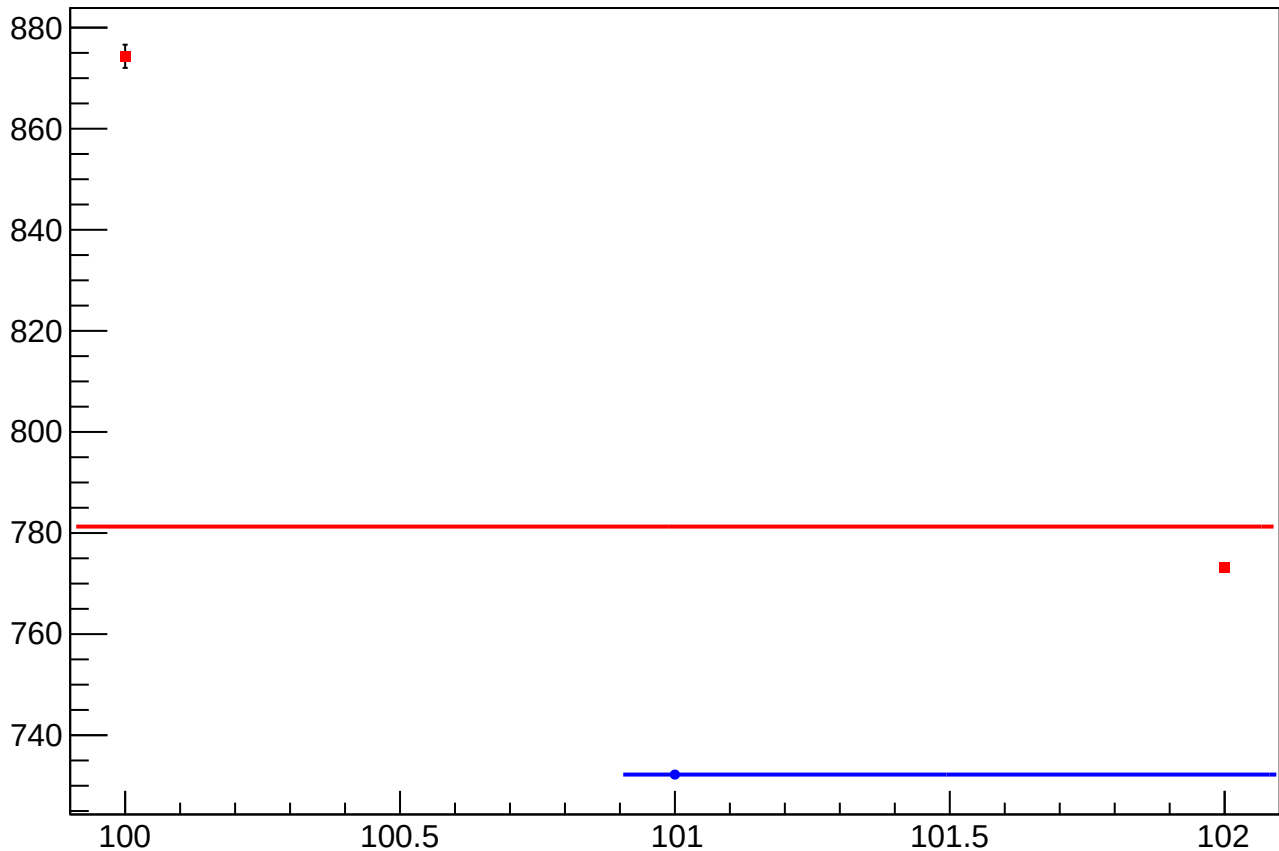
Right: 2156.166+/-644.358 χ^2/NDF : 0.6/2

In: 2102.156+/-902.970 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2156.166+/-644.358 χ^2/NDF : 0.6/2

cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 732.211 ± 0.638 $\chi^2/\text{NDF}: 0.0/0$

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

Right Out: 781.276 ± 0.650 $\chi^2/\text{NDF}: 1784.3/1$

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

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

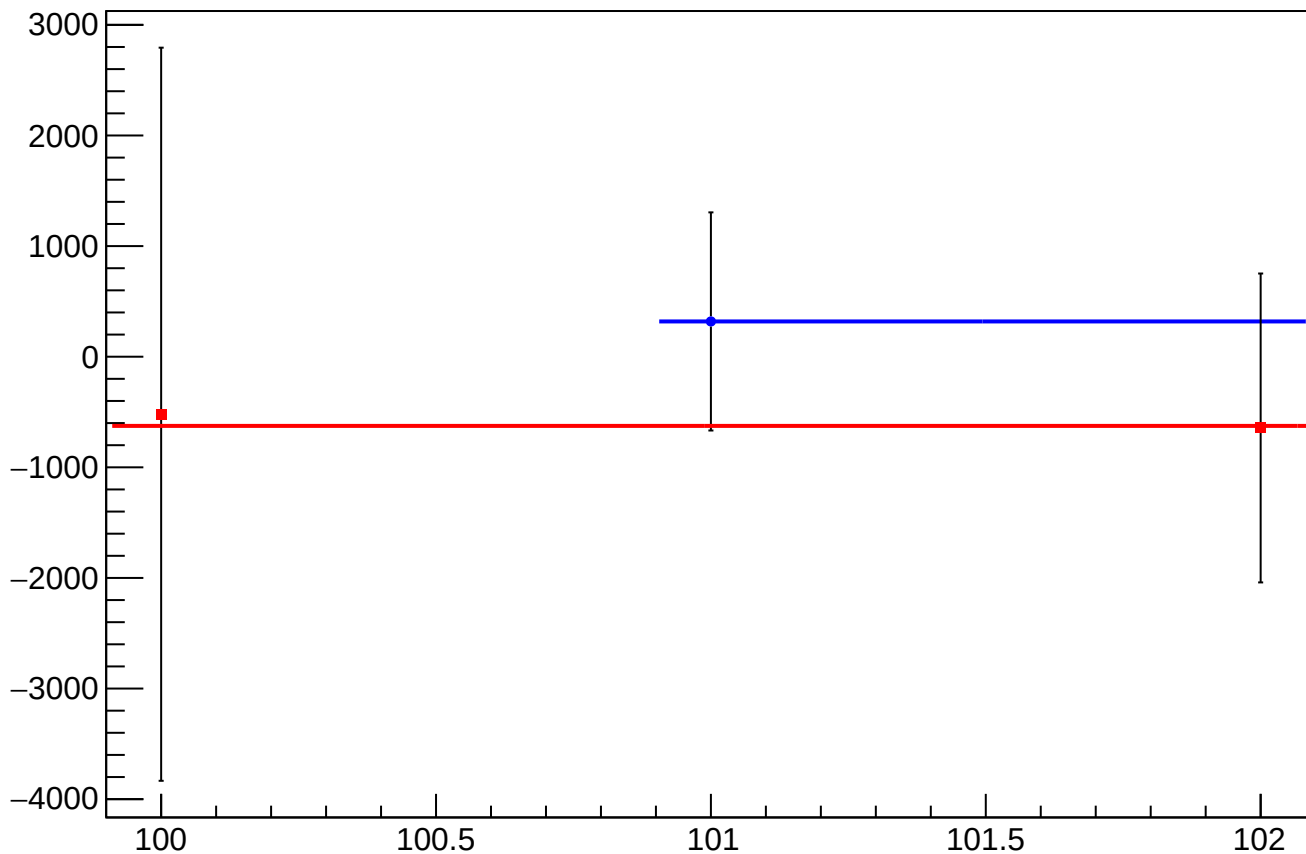
Right: 756.291 ± 0.456 $\chi^2/\text{NDF}: 4682.5/2$

In: 732.211 ± 0.638 $\chi^2/\text{NDF}: 0.0/0$

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

All: 756.291 ± 0.456 $\chi^2/\text{NDF}: 4682.5/2$

asym_us_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 318.852+/-985.996 χ^2/NDF : 0.0/0

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

Right Out: -625.503+/-1286.765 χ^2/NDF : 0.0/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

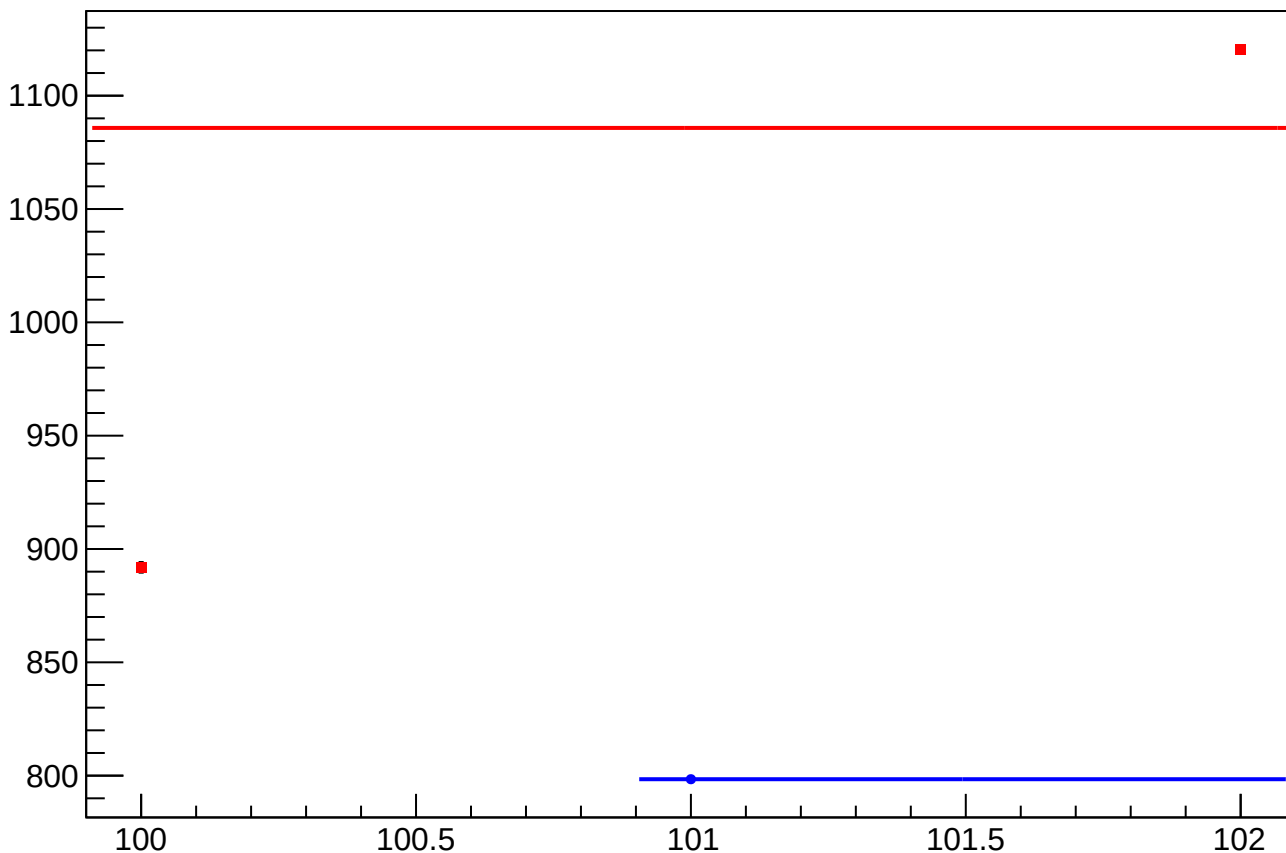
Right: -30.503+/-782.646 χ^2/NDF : 0.3/2

In: 318.852+/-985.996 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.503+/-782.646 χ^2/NDF : 0.3/2

asym_us_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 798.426+/-0.697 χ^2/NDF : 0.0/0

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

Right Out: 1085.779+/-0.910 χ^2/NDF : 8060.7/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

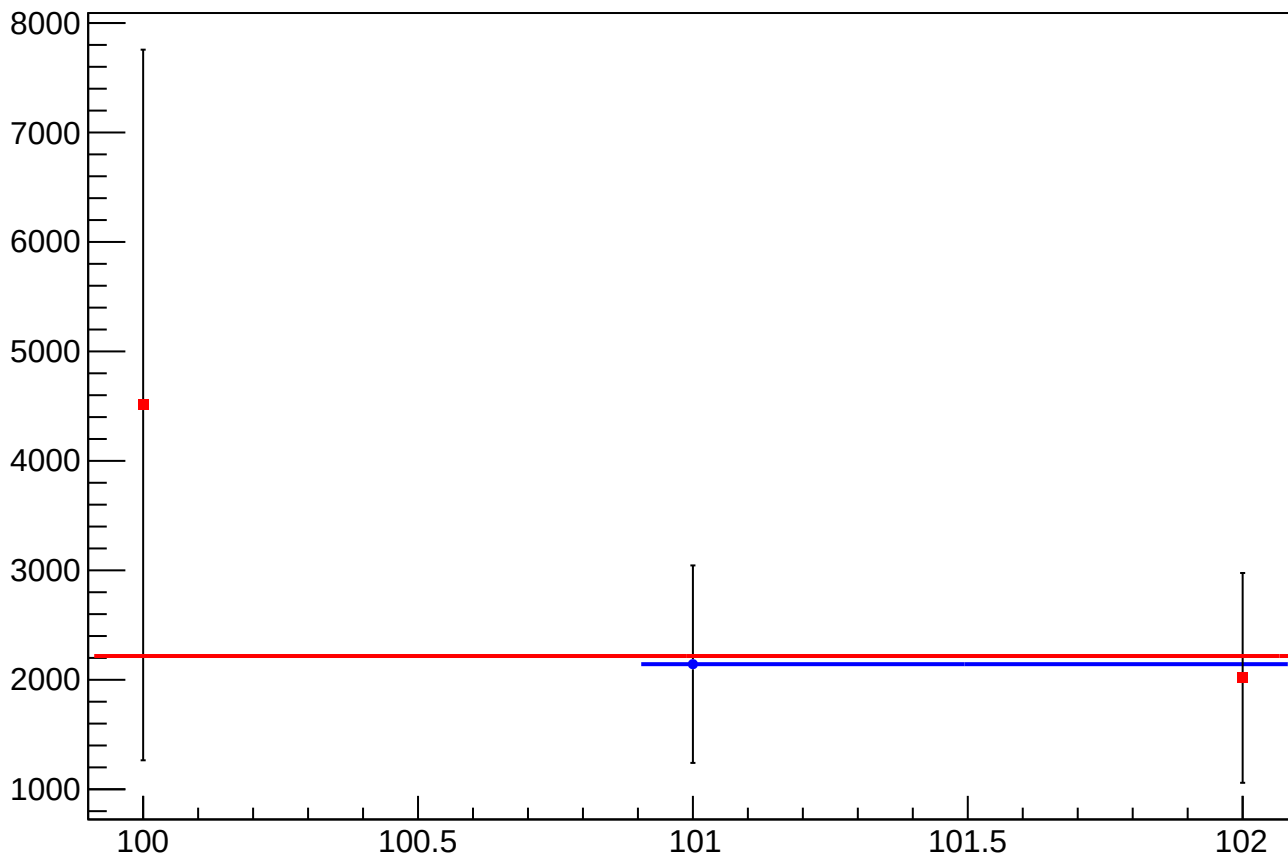
Right: 904.730+/-0.553 χ^2/NDF : 70901.9/2

In: 798.426+/-0.697 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 904.730+/-0.553 χ^2/NDF : 70901.9/2

overload_cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2142.856+/-902.023 χ^2/NDF : 0.0/0

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

Right Out: 2217.401+/-919.128 χ^2/NDF : 0.5/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

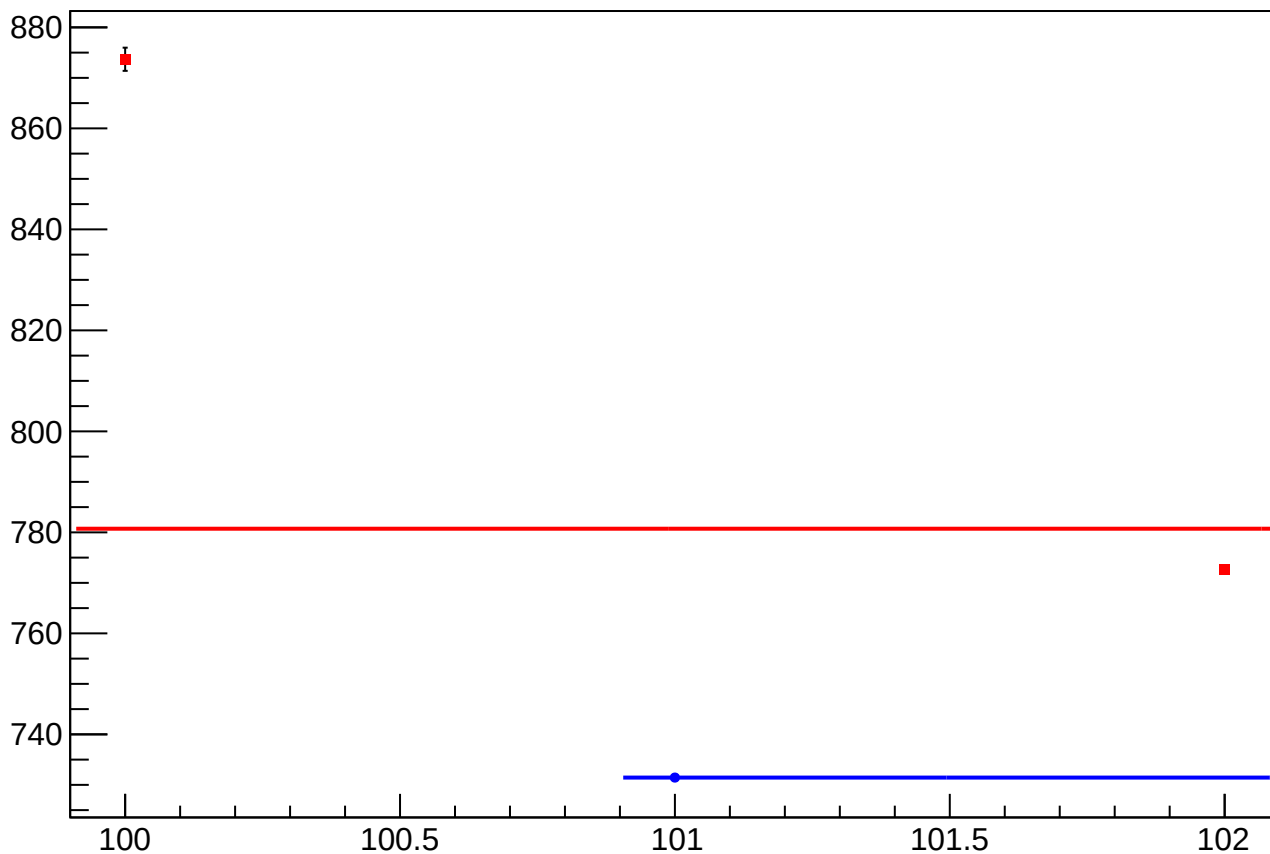
Right: 2179.428+/-643.789 χ^2/NDF : 0.5/2

In: 2142.856+/-902.023 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2179.428+/-643.789 χ^2/NDF : 0.5/2

overload_cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 731.443+/-0.638 χ^2/NDF : 0.0/0

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

Right Out: 780.722+/-0.650 χ^2/NDF : 1783.5/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

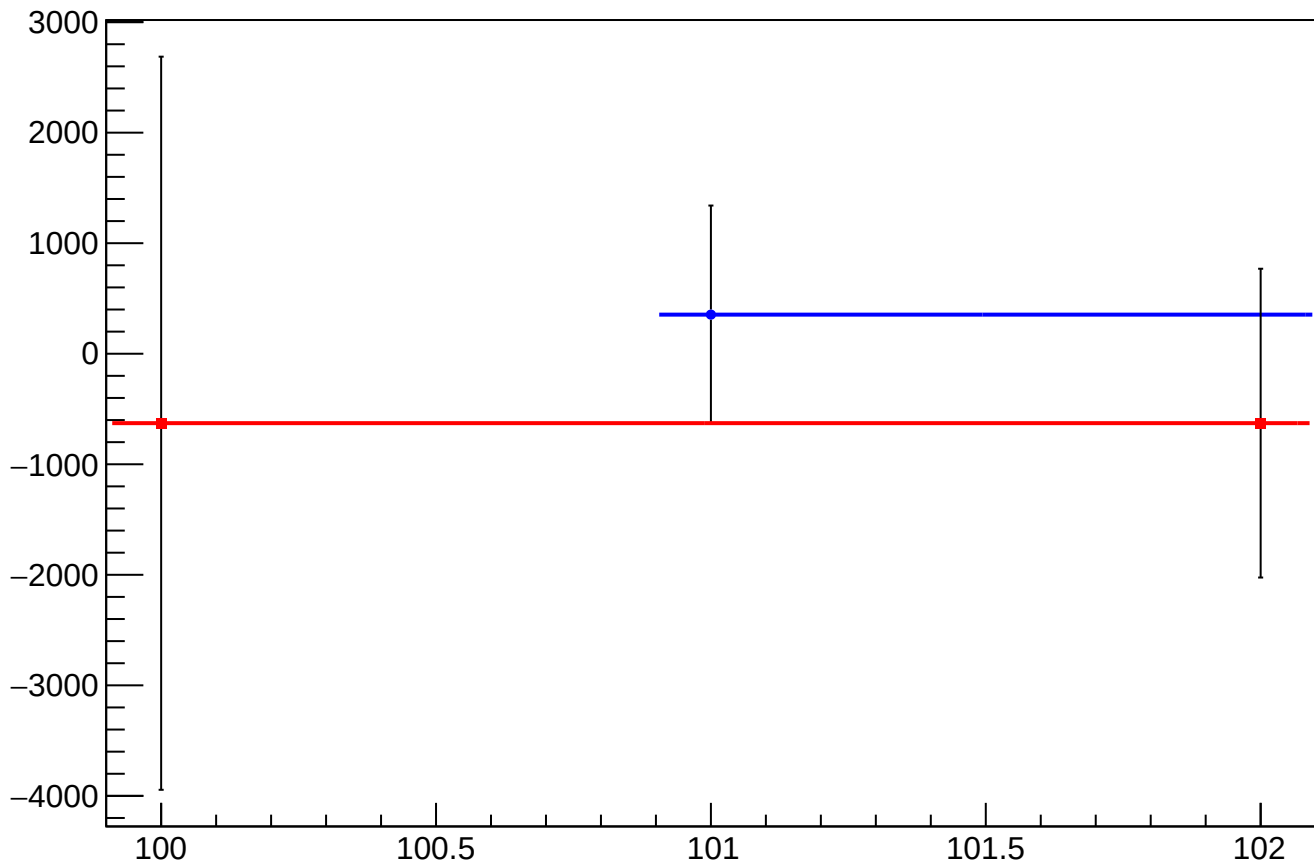
Right: 755.620+/-0.455 χ^2/NDF : 4712.1/2

In: 731.443+/-0.638 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 755.620+/-0.455 χ^2/NDF : 4712.1/2

asym_us_avg_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 353.738+/-986.876 χ^2/NDF : 0.0/0

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

Right Out: -628.005+/-1287.271 χ^2/NDF : 0.0/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

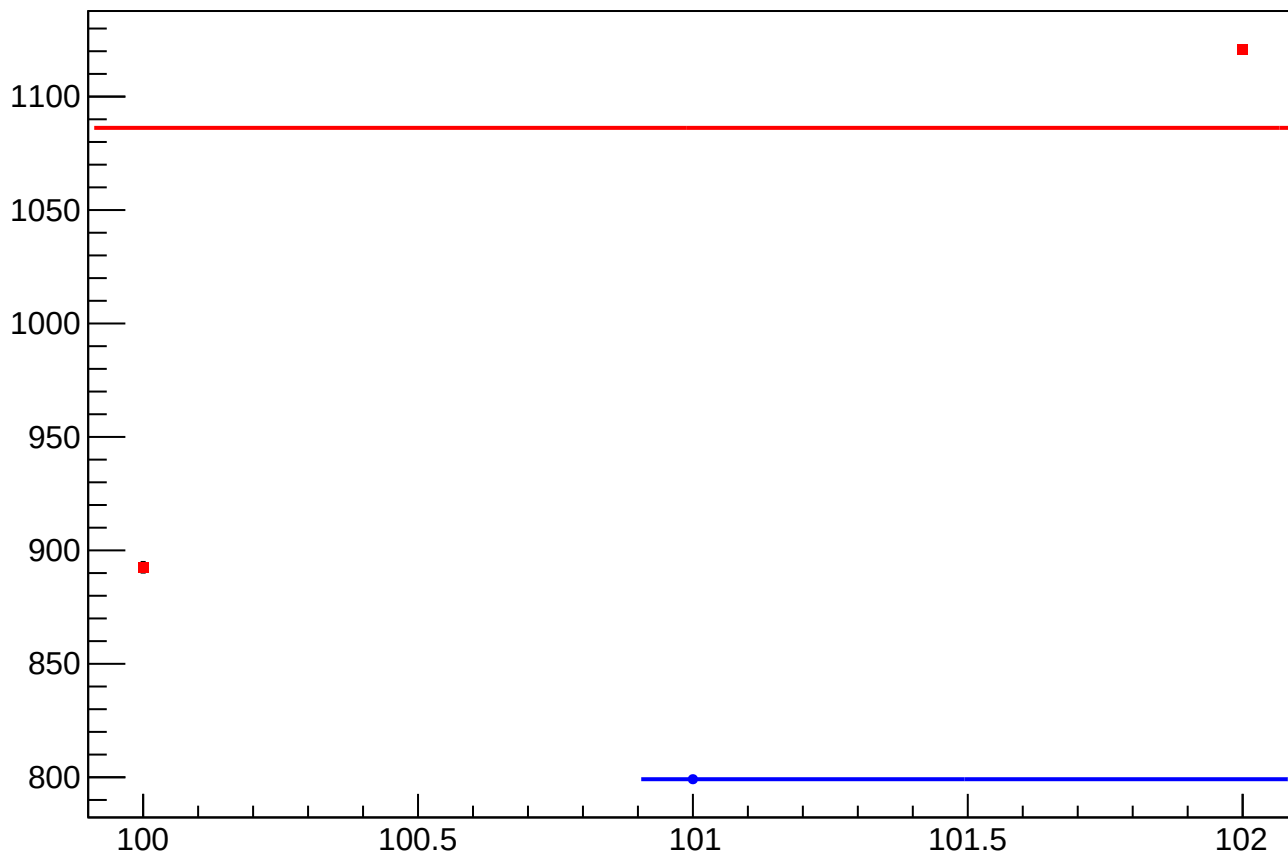
Right: -9.678+/-783.200 χ^2/NDF : 0.4/2

In: 353.738+/-986.876 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.678+/-783.200 χ^2/NDF : 0.4/2

asym_us_avg_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 799.142 $\pm$ 0.698 χ^2 /NDF: 0.0/0

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

Right Out: 1086.220 $\pm$ 0.910 χ^2 /NDF: 8031.1/1

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

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

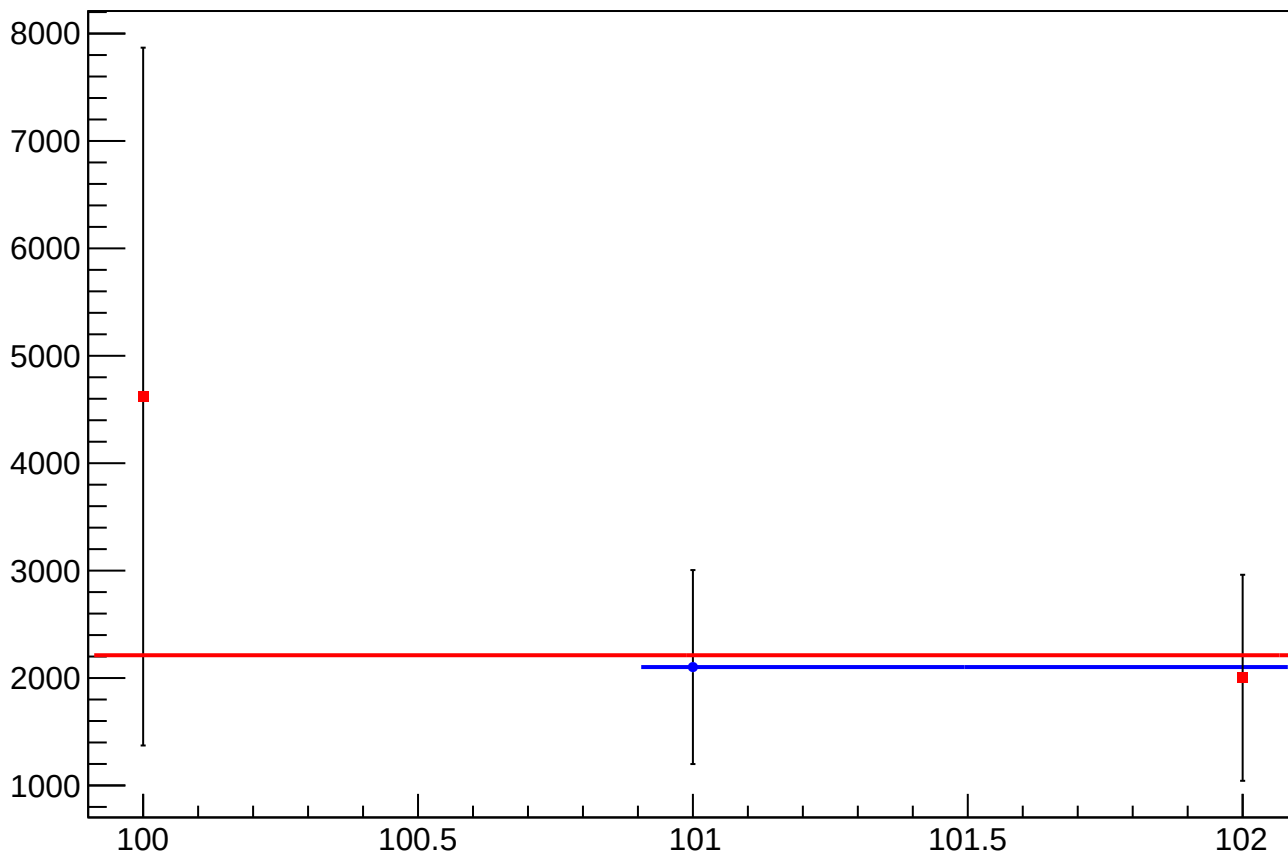
Right: 905.411 $\pm$ 0.554 χ^2 /NDF: 70679.6/2

In: 799.142 $\pm$ 0.698 χ^2 /NDF: 0.0/0

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

All: 905.411 $\pm$ 0.554 χ^2 /NDF: 70679.6/2

eigen_cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2102.156+/-902.970 χ^2/NDF : 0.0/0

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

Right Out: 2212.206+/-919.781 χ^2/NDF : 0.6/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

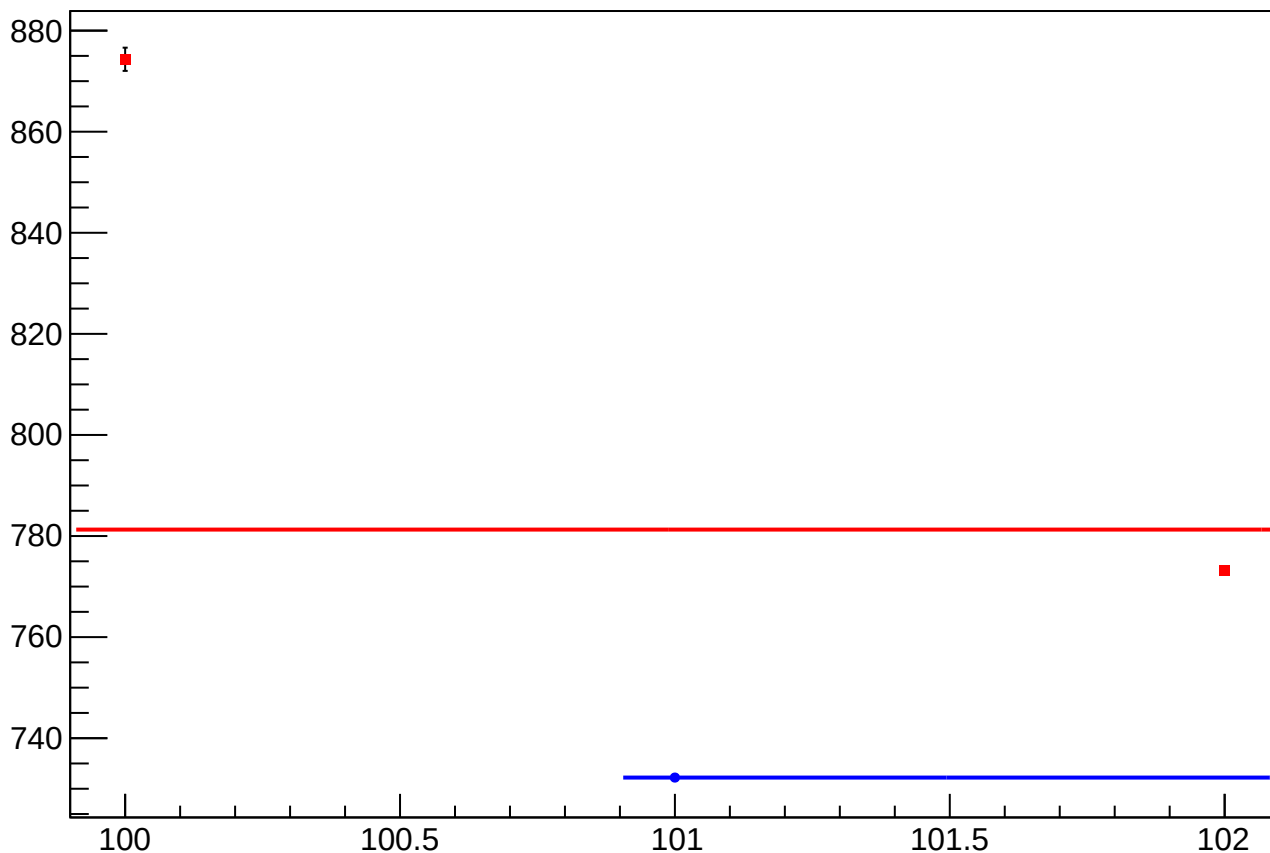
Right: 2156.166+/-644.358 χ^2/NDF : 0.6/2

In: 2102.156+/-902.970 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2156.166+/-644.358 χ^2/NDF : 0.6/2

eigen_cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 732.211 $\pm$ 0.638 χ^2 /NDF: 0.0/0

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

Right Out: 781.276 $\pm$ 0.650 χ^2 /NDF: 1784.3/1

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

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

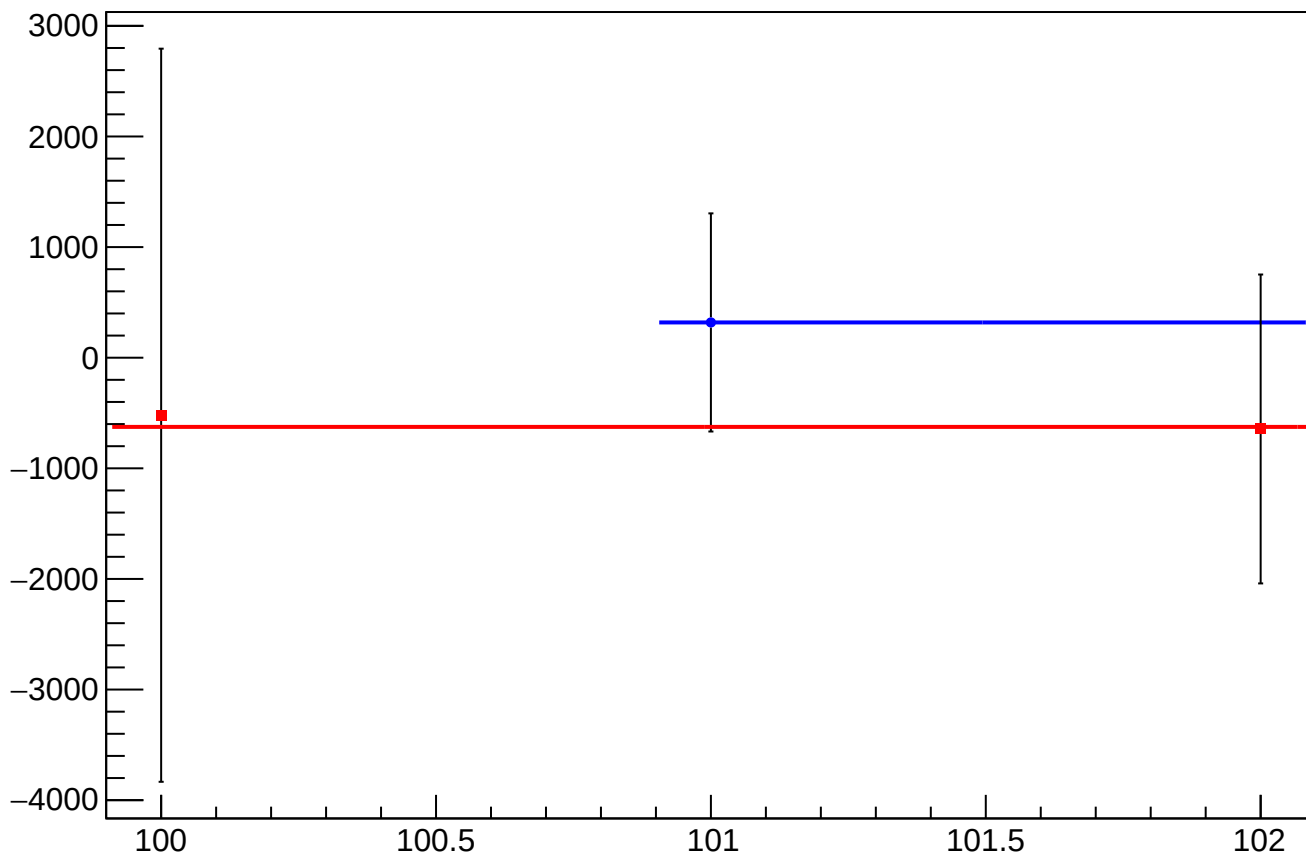
Right: 756.291 $\pm$ 0.456 χ^2 /NDF: 4682.5/2

In: 732.211 $\pm$ 0.638 χ^2 /NDF: 0.0/0

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

All: 756.291 $\pm$ 0.456 χ^2 /NDF: 4682.5/2

asym_us_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 318.852 $\pm$ 985.996 χ^2 /NDF: 0.0/0

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

Right Out: -625.503 $\pm$ 1286.765 χ^2 /NDF: 0.0/1

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

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

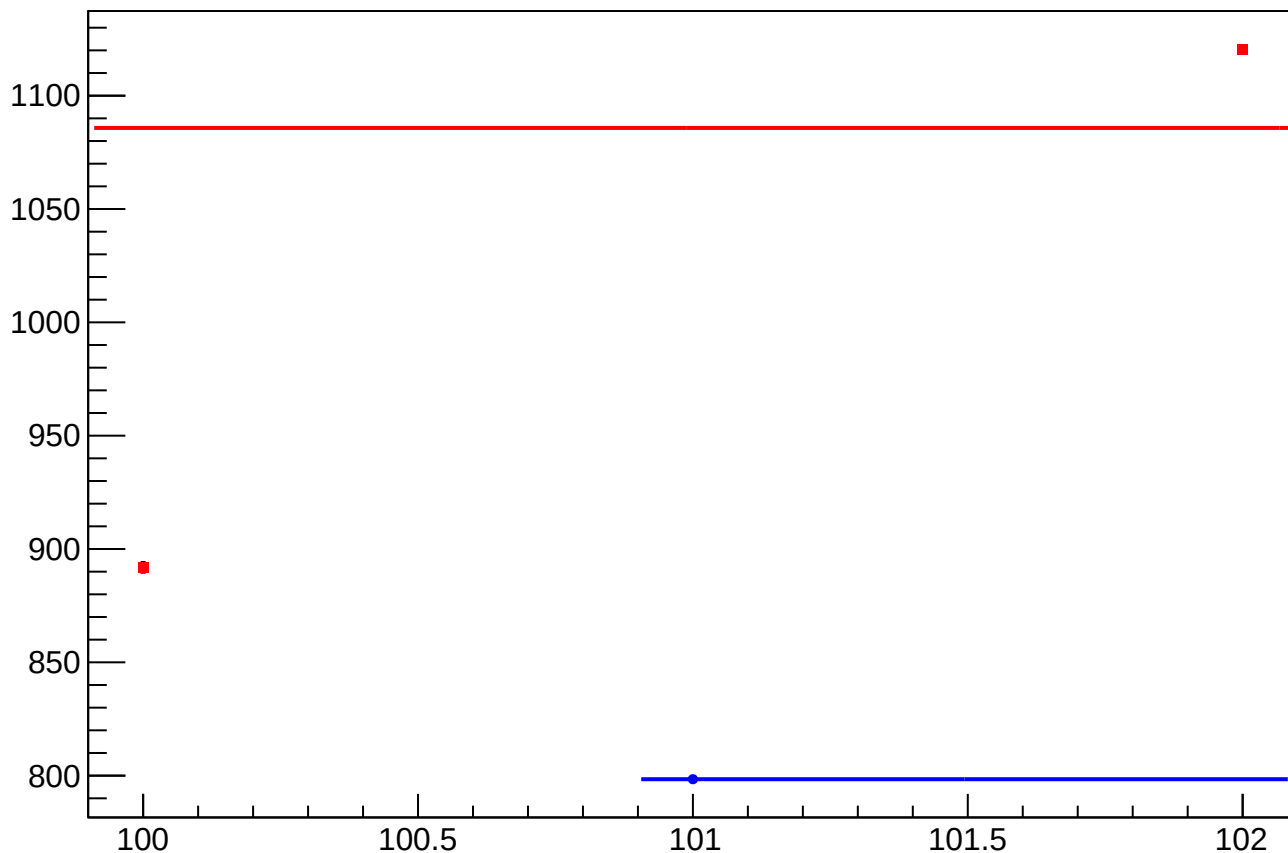
Right: -30.503 $\pm$ 782.646 χ^2 /NDF: 0.3/2

In: 318.852 $\pm$ 985.996 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -30.503 $\pm$ 782.646 χ^2 /NDF: 0.3/2

asym_us_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 798.426 $\pm$ 0.697 χ^2 /NDF: 0.0/0

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

Right Out: 1085.779 $\pm$ 0.910 χ^2 /NDF: 8060.7/1

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

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

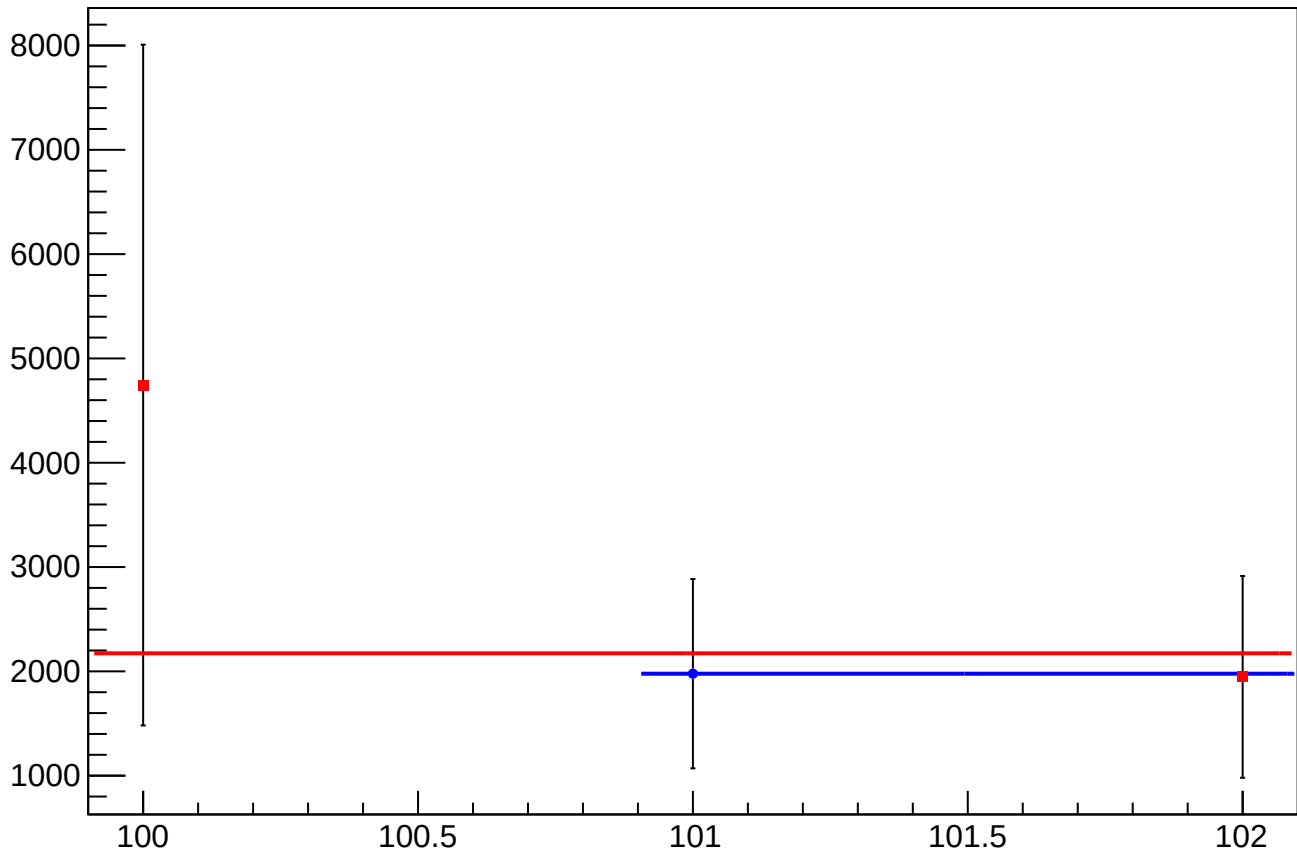
Right: 904.730 $\pm$ 0.553 χ^2 /NDF: 70901.9/2

In: 798.426 $\pm$ 0.697 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 904.730 $\pm$ 0.553 χ^2 /NDF: 70901.9/2

dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 1977.515+/-907.350 χ^2/NDF : 0.0/0

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

Right Out: 2173.119+/-927.572 χ^2/NDF : 0.7/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

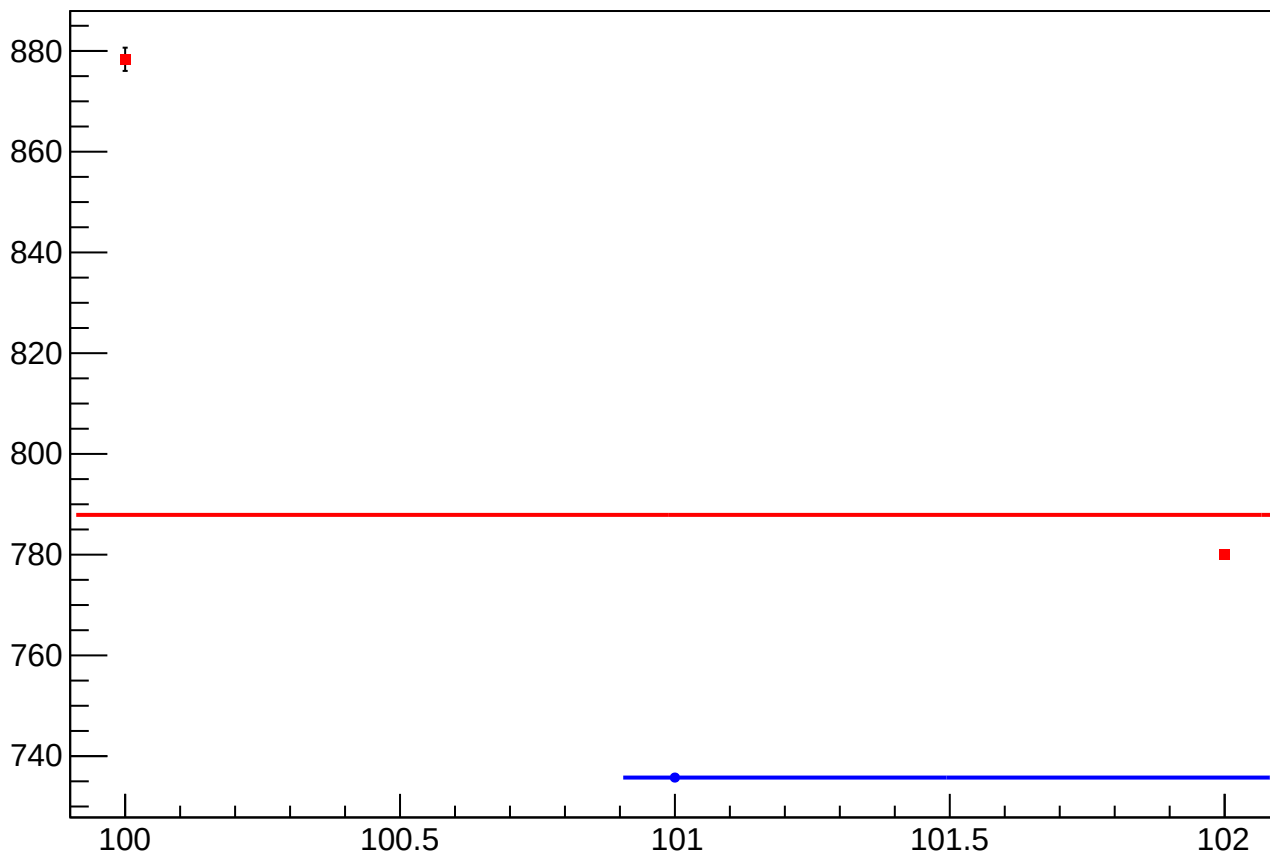
Right: 2073.161+/-648.625 χ^2/NDF : 0.7/2

In: 1977.515+/-907.350 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2073.161+/-648.625 χ^2/NDF : 0.7/2

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 735.746 $\pm$ 0.642 χ^2 /NDF: 0.0/0

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

Right Out: 787.896 $\pm$ 0.656 χ^2 /NDF: 1671.6/1

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

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

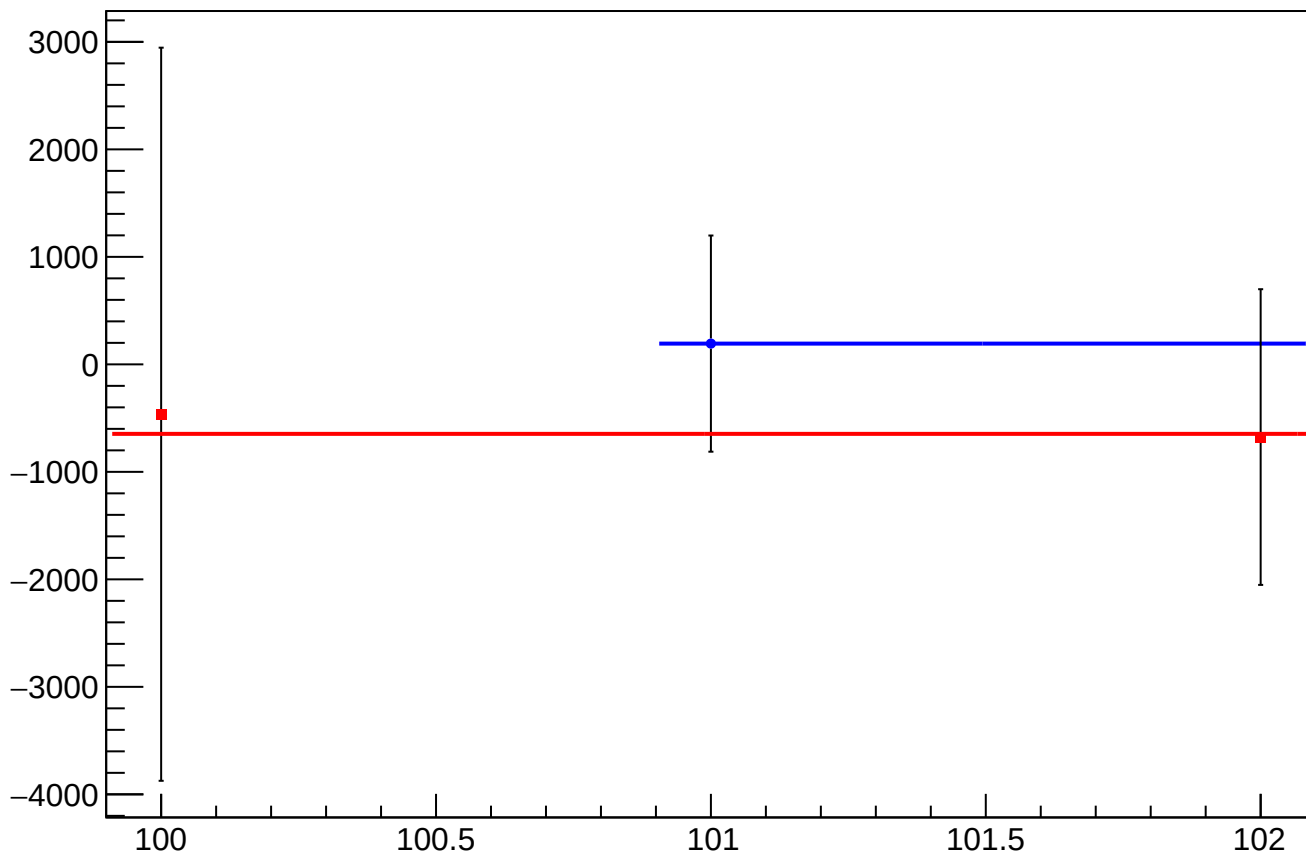
Right: 761.246 $\pm$ 0.459 χ^2 /NDF: 4902.2/2

In: 735.746 $\pm$ 0.642 χ^2 /NDF: 0.0/0

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

All: 761.246 $\pm$ 0.459 χ^2 /NDF: 4902.2/2

asym_us_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 193.046+/-1005.493 χ^2/NDF : 0.0/0

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

Right Out: -646.566+/-1275.552 χ^2/NDF : 0.0/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

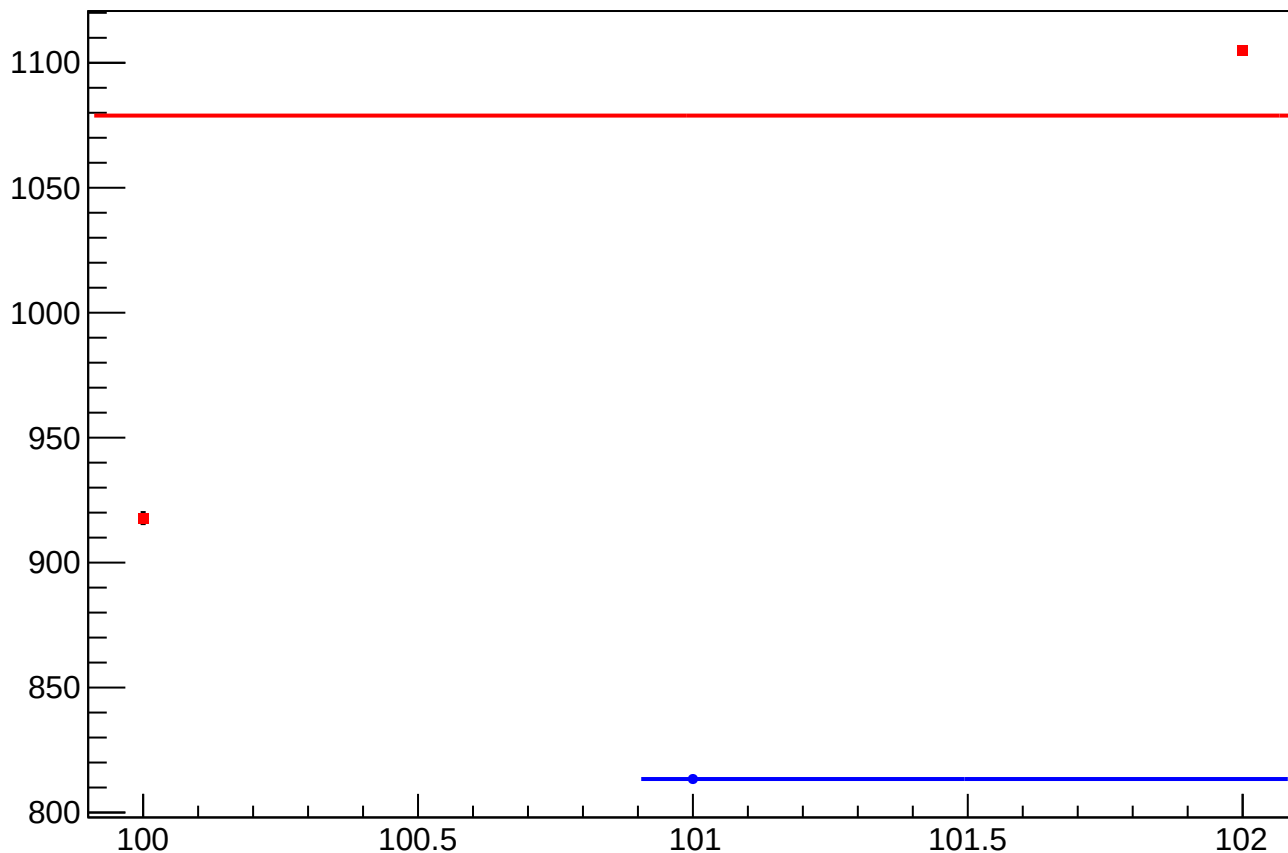
Right: -128.730+/-789.652 χ^2/NDF : 0.3/2

In: 193.046+/-1005.493 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -128.730+/-789.652 χ^2/NDF : 0.3/2

asym_us_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 813.402 $\pm$ 0.711 χ^2 /NDF: 0.0/0

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

Right Out: 1078.880 $\pm$ 0.902 χ^2 /NDF: 5187.4/1

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

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

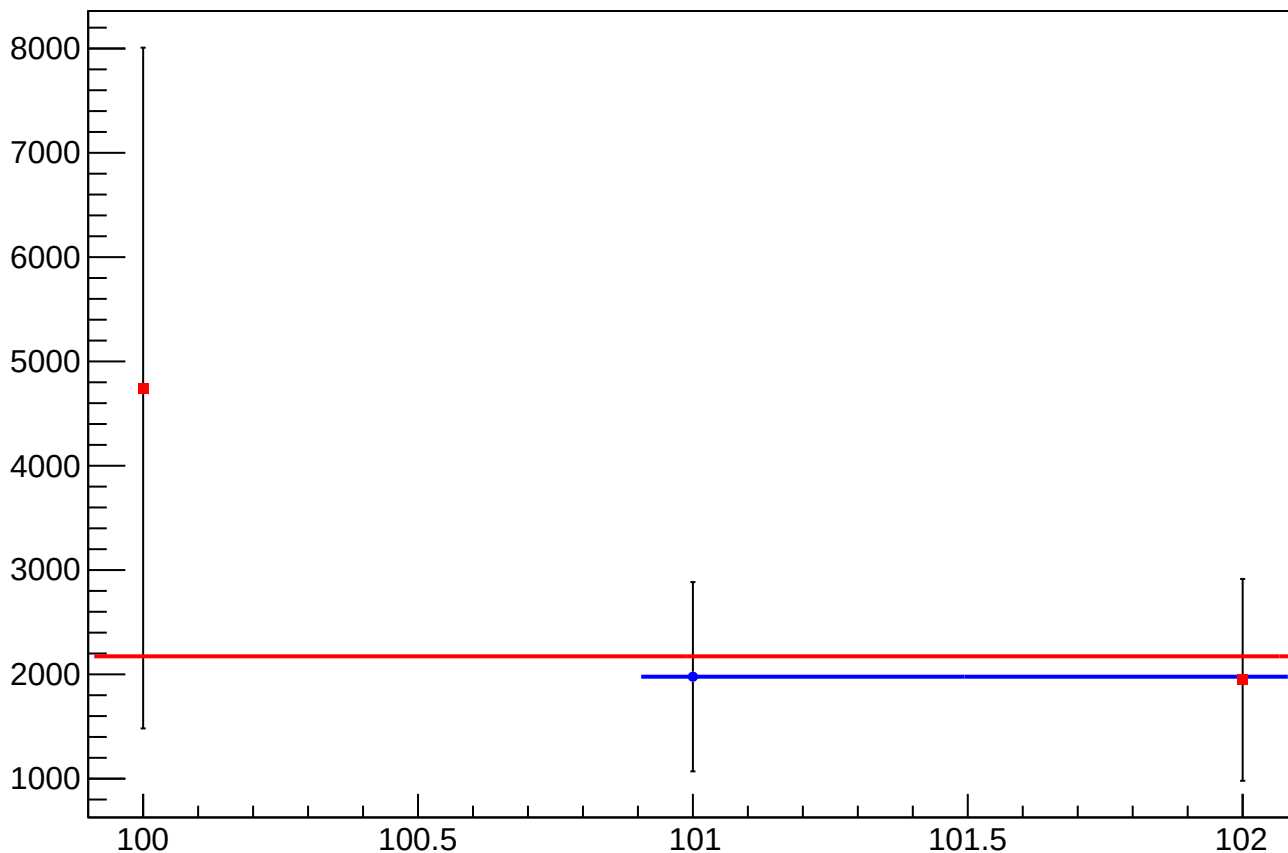
Right: 915.145 $\pm$ 0.558 χ^2 /NDF: 58619.4/2

In: 813.402 $\pm$ 0.711 χ^2 /NDF: 0.0/0

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

All: 915.145 $\pm$ 0.558 χ^2 /NDF: 58619.4/2

eigen_dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 1977.514+/-907.350 χ^2/NDF : 0.0/0

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

Right Out: 2173.123+/-927.572 χ^2/NDF : 0.7/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

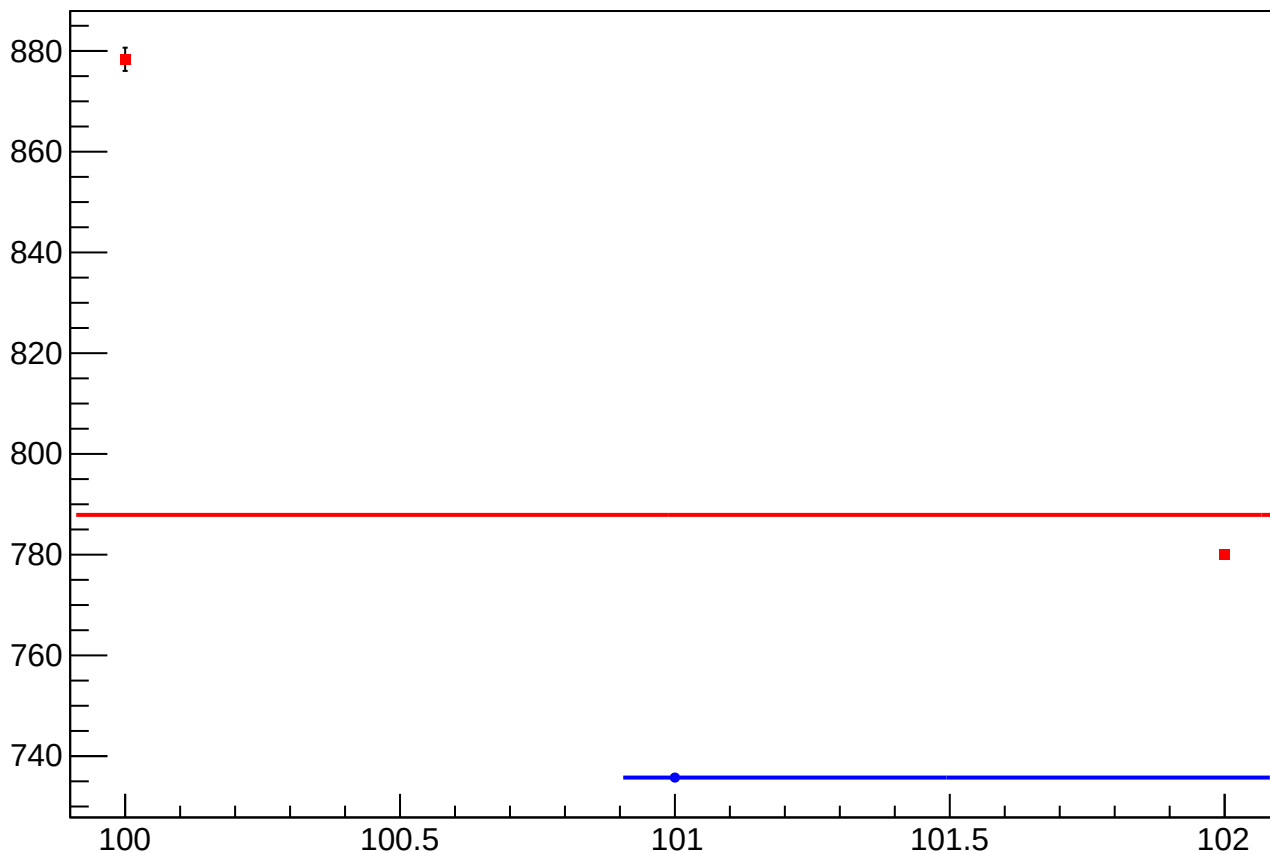
Right: 2073.163+/-648.625 χ^2/NDF : 0.7/2

In: 1977.514+/-907.350 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2073.163+/-648.625 χ^2/NDF : 0.7/2

eigen_dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 735.746+/-0.642 χ^2/NDF : 0.0/0

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

Right Out: 787.897+/-0.656 χ^2/NDF : 1671.6/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

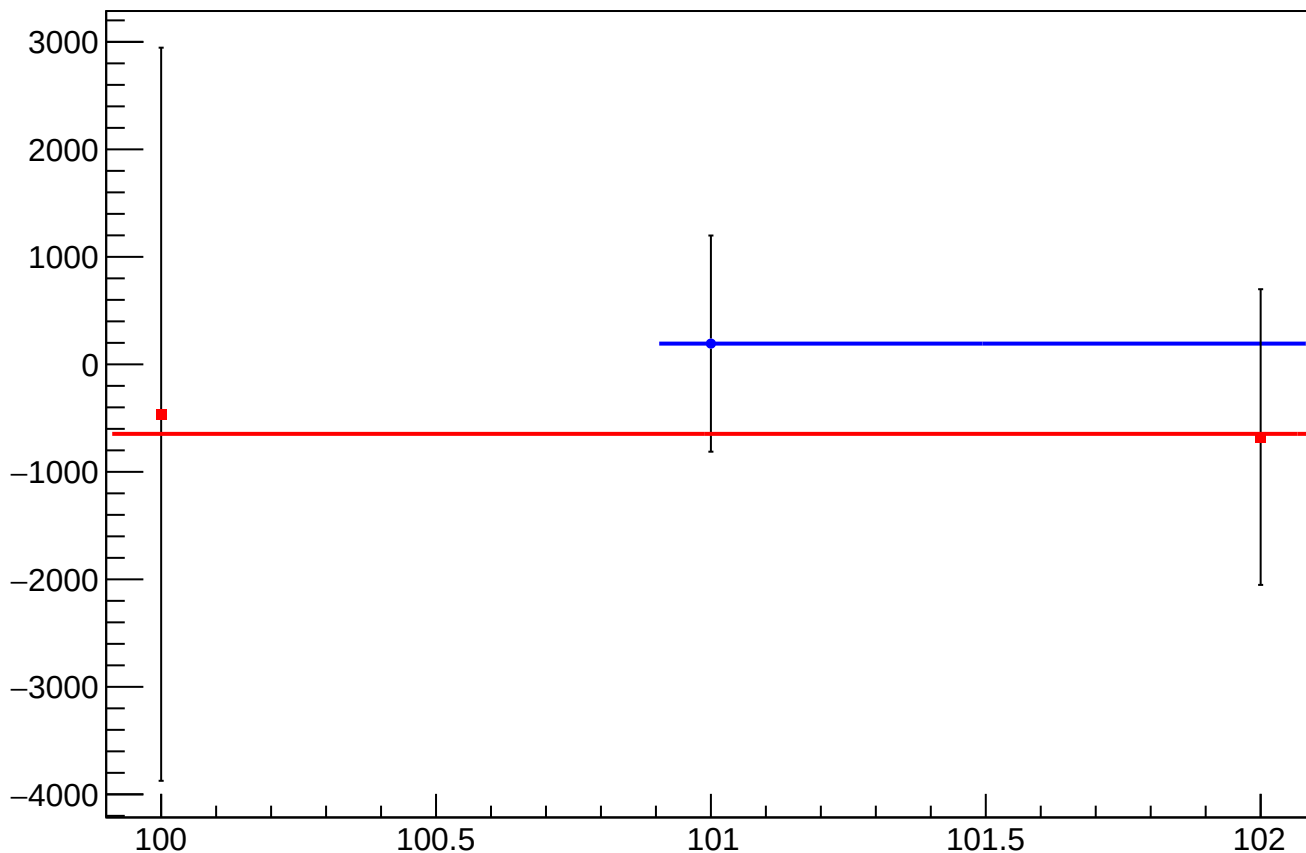
Right: 761.247+/-0.459 χ^2/NDF : 4902.2/2

In: 735.746+/-0.642 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 761.247+/-0.459 χ^2/NDF : 4902.2/2

asym_us_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 193.045+/-1005.492 χ^2/NDF : 0.0/0

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

Right Out: -646.564+/-1275.549 χ^2/NDF : 0.0/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

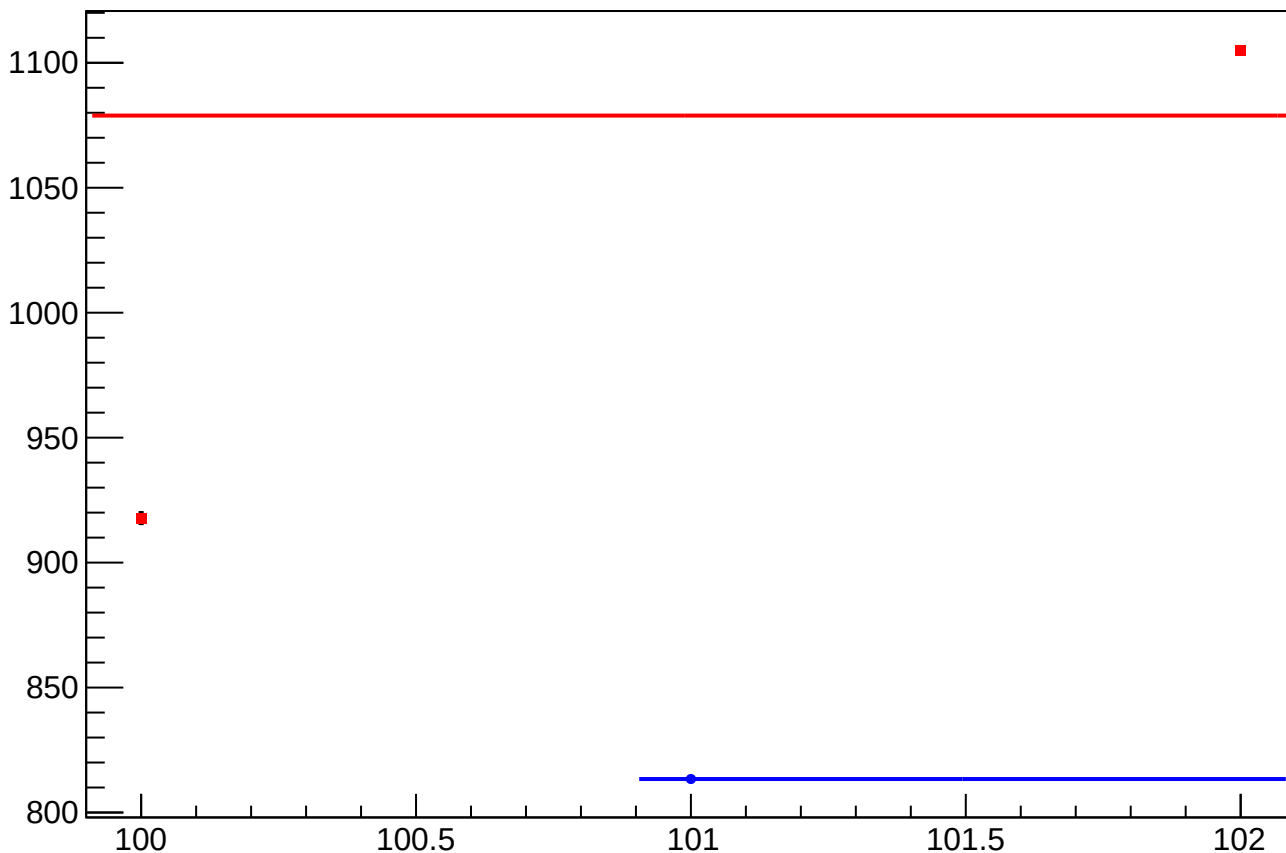
Right: -128.730+/-789.651 χ^2/NDF : 0.3/2

In: 193.045+/-1005.492 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -128.730+/-789.651 χ^2/NDF : 0.3/2

asym_us_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 813.401 $\pm$ 0.711 χ^2 /NDF: 0.0/0

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

Right Out: 1078.877 $\pm$ 0.902 χ^2 /NDF: 5187.3/1

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

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

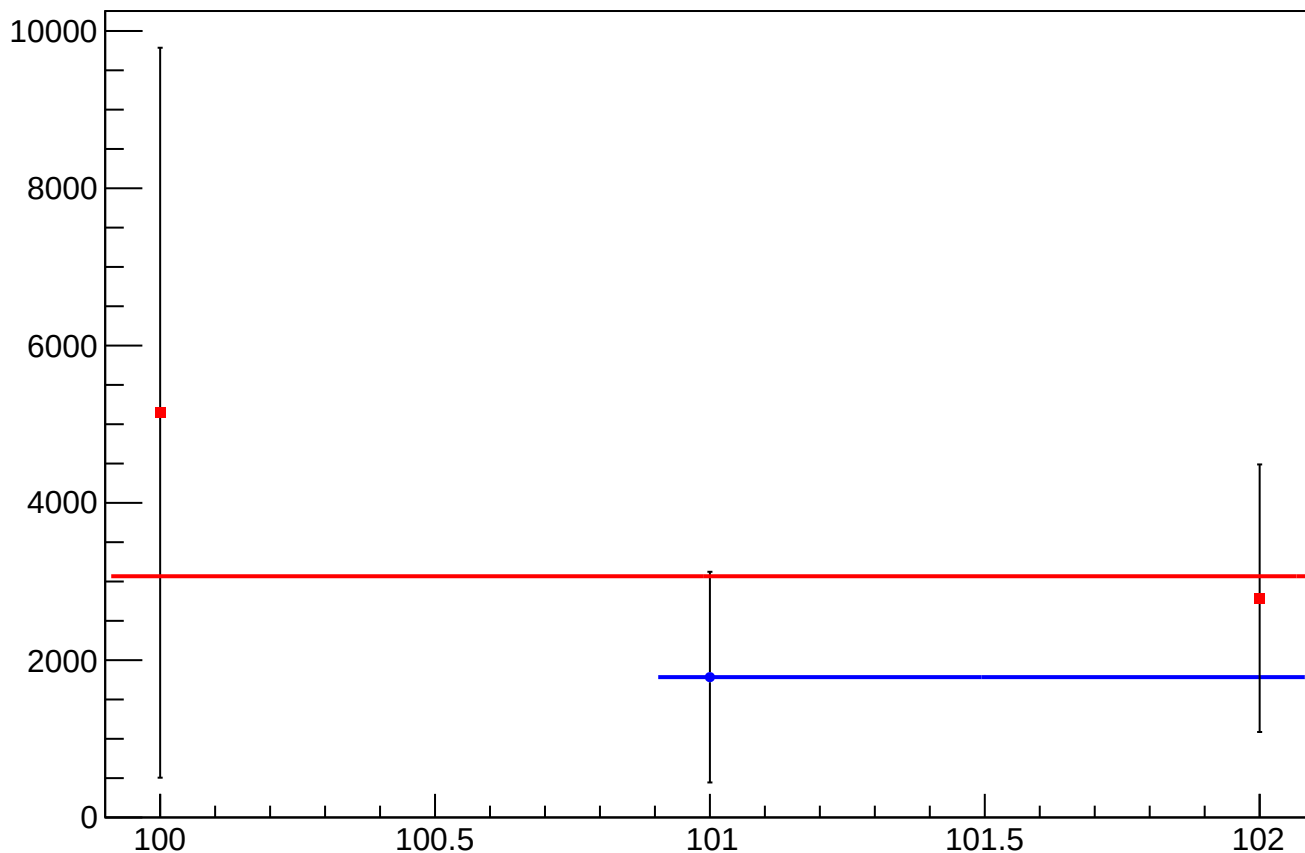
Right: 915.143 $\pm$ 0.558 χ^2 /NDF: 58618.9/2

In: 813.401 $\pm$ 0.711 χ^2 /NDF: 0.0/0

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

All: 915.143 $\pm$ 0.558 χ^2 /NDF: 58618.9/2

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 1784.276+/-1339.280 χ^2/NDF : 0.0/0

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

Right Out: 3066.987+/-1597.077 χ^2/NDF : 0.2/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

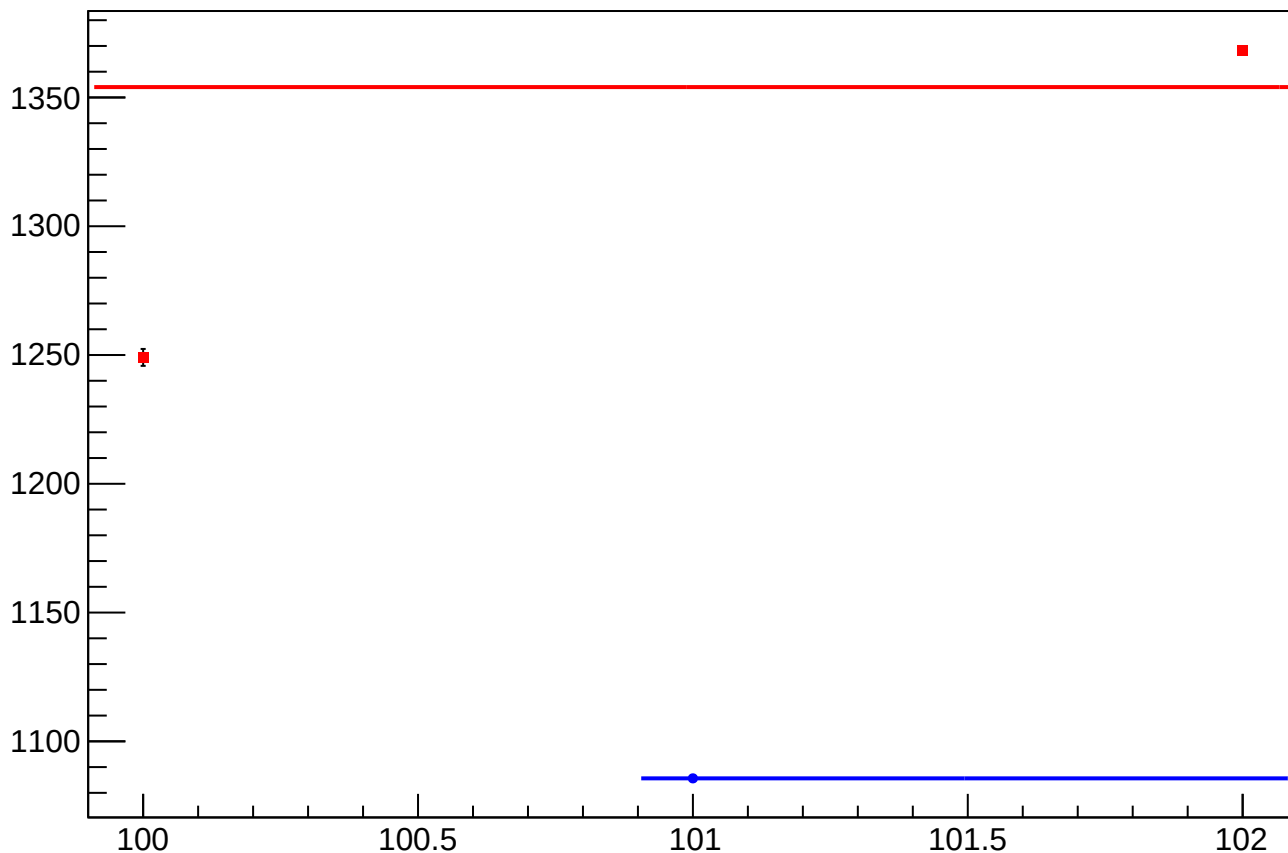
Right: 2313.878+/-1026.210 χ^2/NDF : 0.6/2

In: 1784.276+/-1339.280 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2313.878+/-1026.210 χ^2/NDF : 0.6/2

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1085.624 $\pm$ 0.947 χ^2 /NDF: 0.0/0

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

Right Out: 1354.030 $\pm$ 1.129 χ^2 /NDF: 1160.5/1

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

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

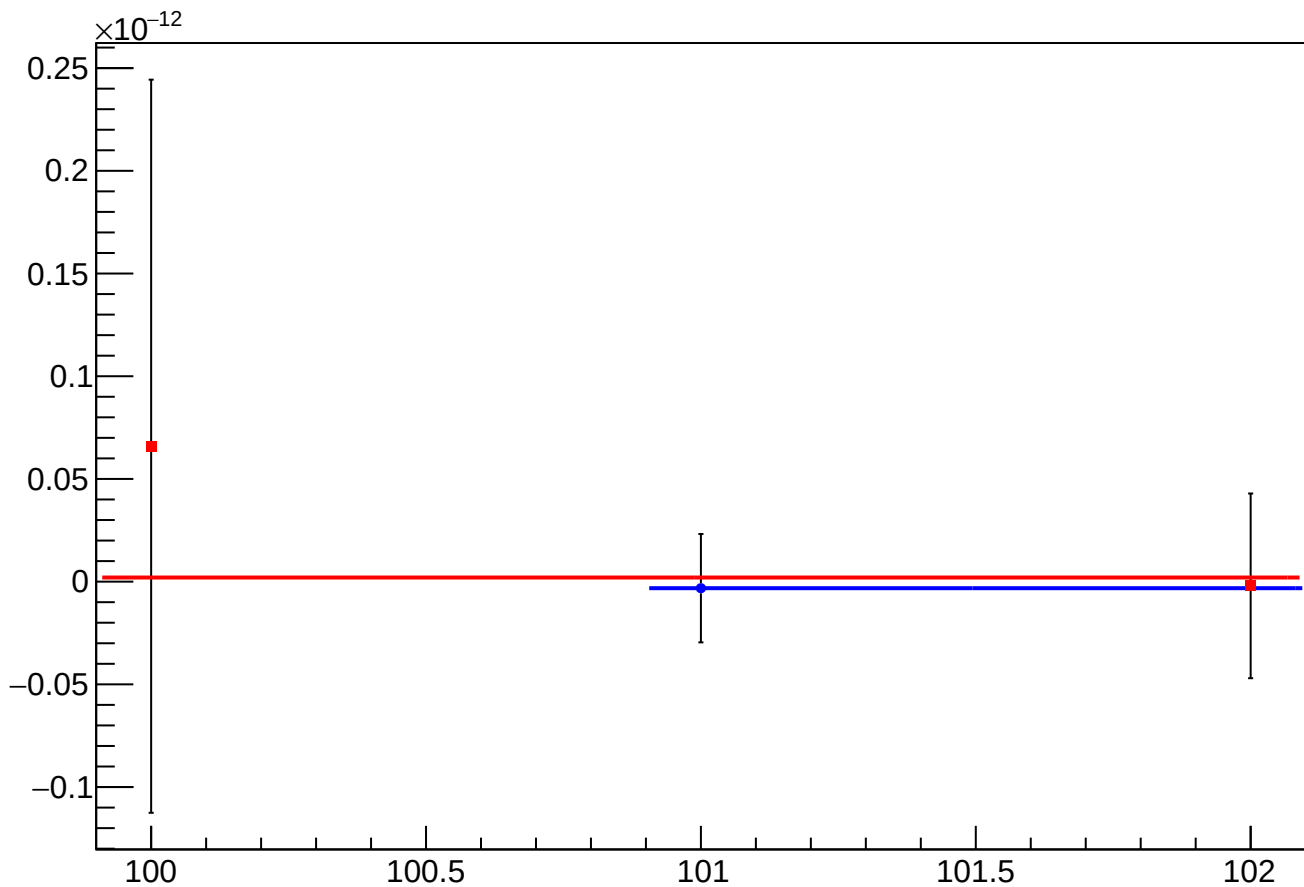
Right: 1196.443 $\pm$ 0.726 χ^2 /NDF: 34326.4/2

In: 1085.624 $\pm$ 0.947 χ^2 /NDF: 0.0/0

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

All: 1196.443 $\pm$ 0.726 χ^2 /NDF: 34326.4/2

asym_us_avg_reg_vs_cor_diff_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 : 0.1/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

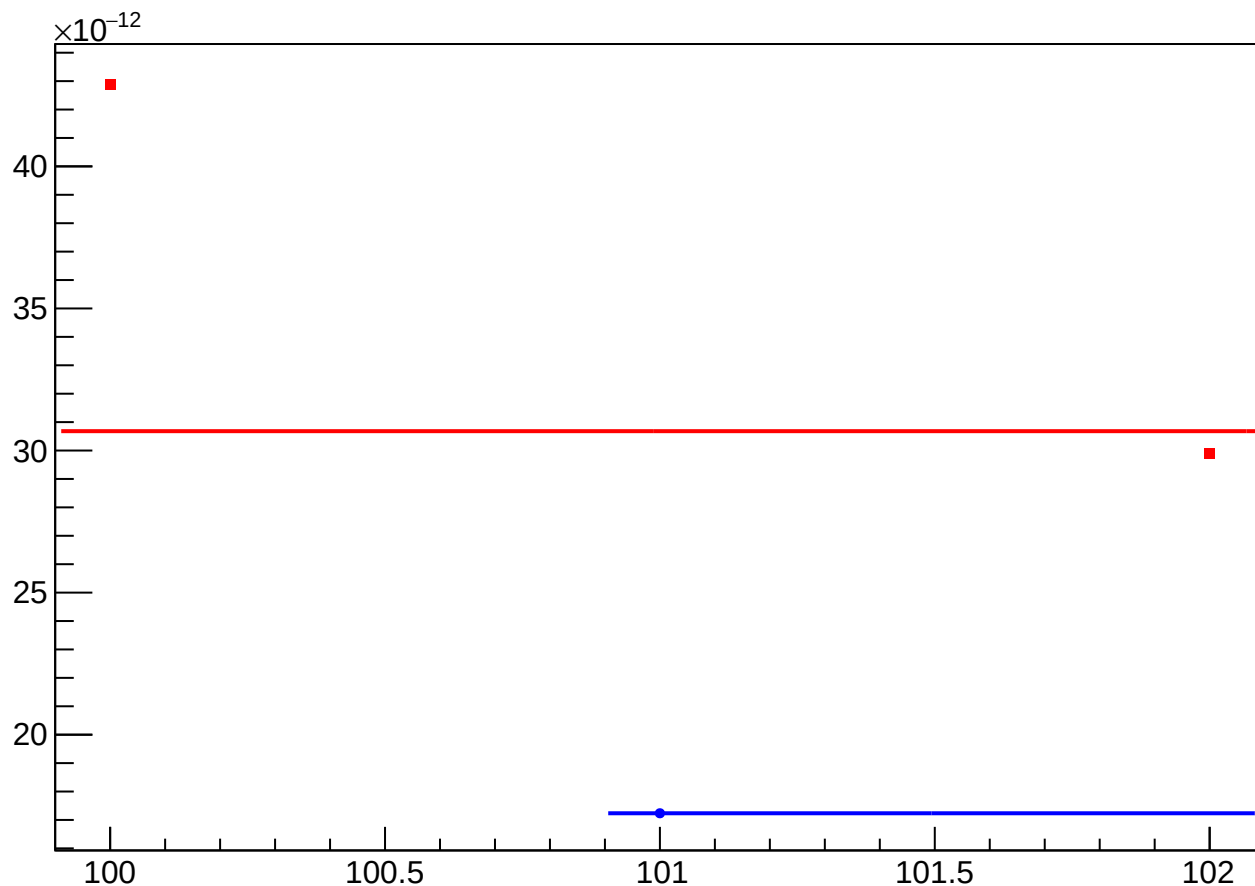
Right: -0.000+/-0.000 χ^2/NDF : 0.1/2

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 : 0.1/2

asym_us_avg_reg_vs_cor_diff_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 : 9954.4/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

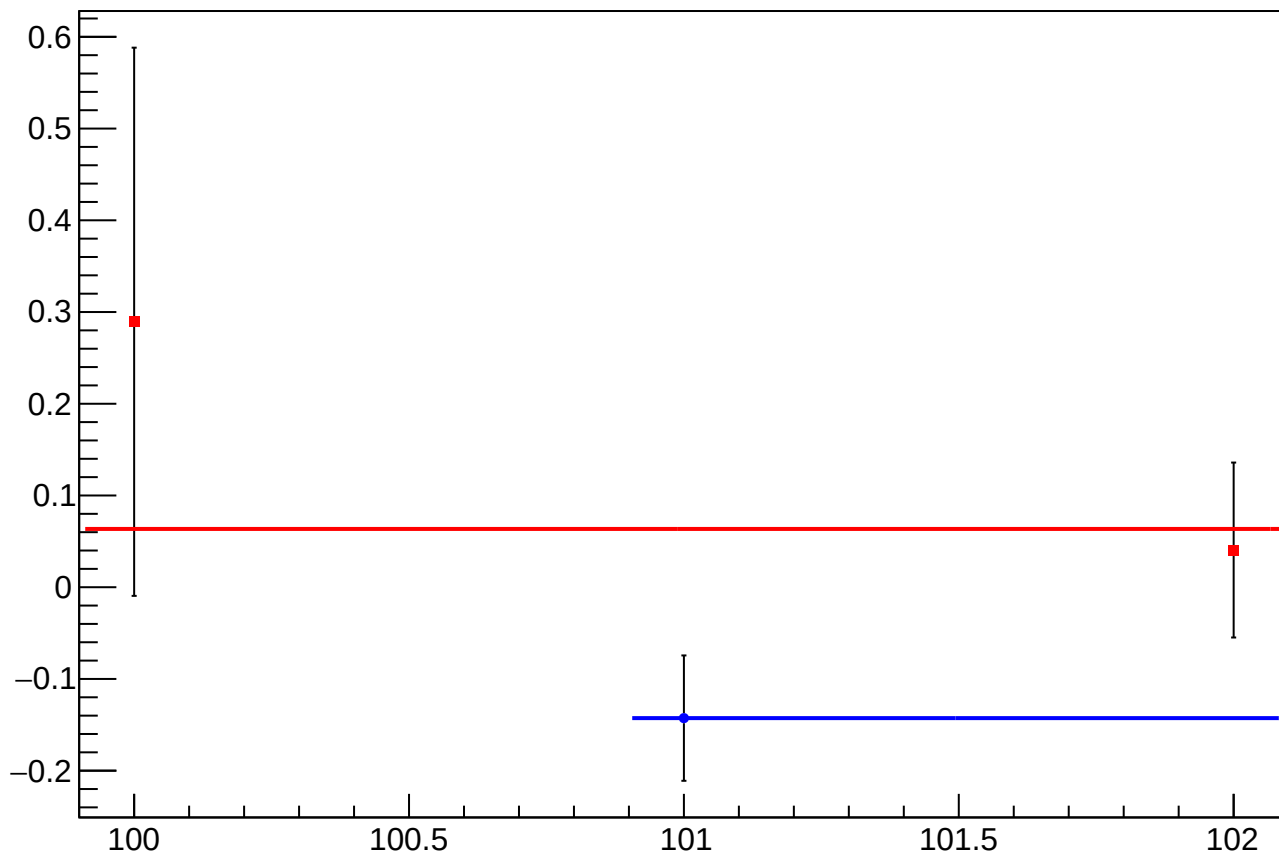
Right: 0.000+/-0.000 χ^2/NDF : 149215.0/2

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 : 149215.0/2

asym_us_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.143+/-0.068 χ^2/NDF : 0.0/0

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

Right Out: 0.064+/-0.091 χ^2/NDF : 0.6/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

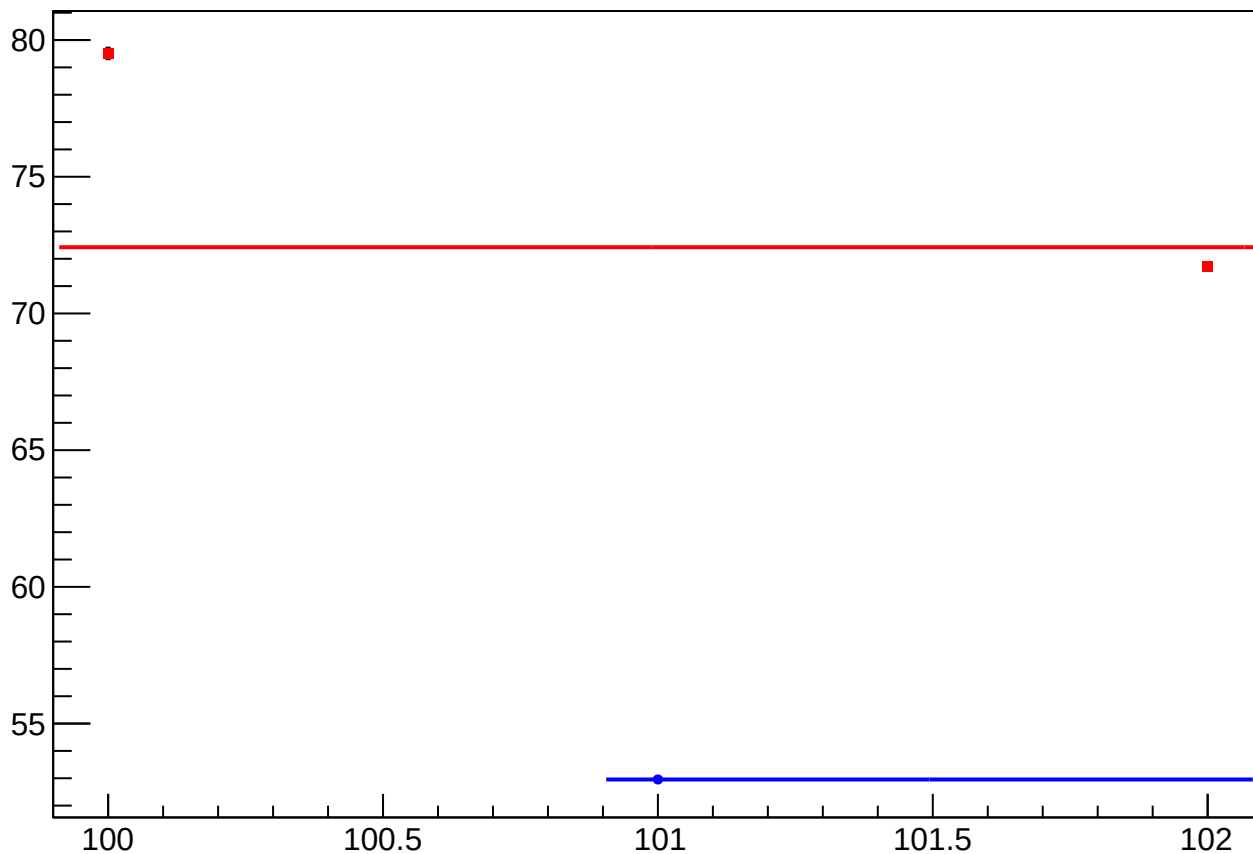
Right: -0.068+/-0.055 χ^2/NDF : 3.9/2

In: -0.143+/-0.068 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.068+/-0.055 χ^2/NDF : 3.9/2

asym_us_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.955 $\pm$ 0.048 χ^2 /NDF: 0.0/0

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

Right Out: 72.423 $\pm$ 0.064 χ^2 /NDF: 1239.6/1

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

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

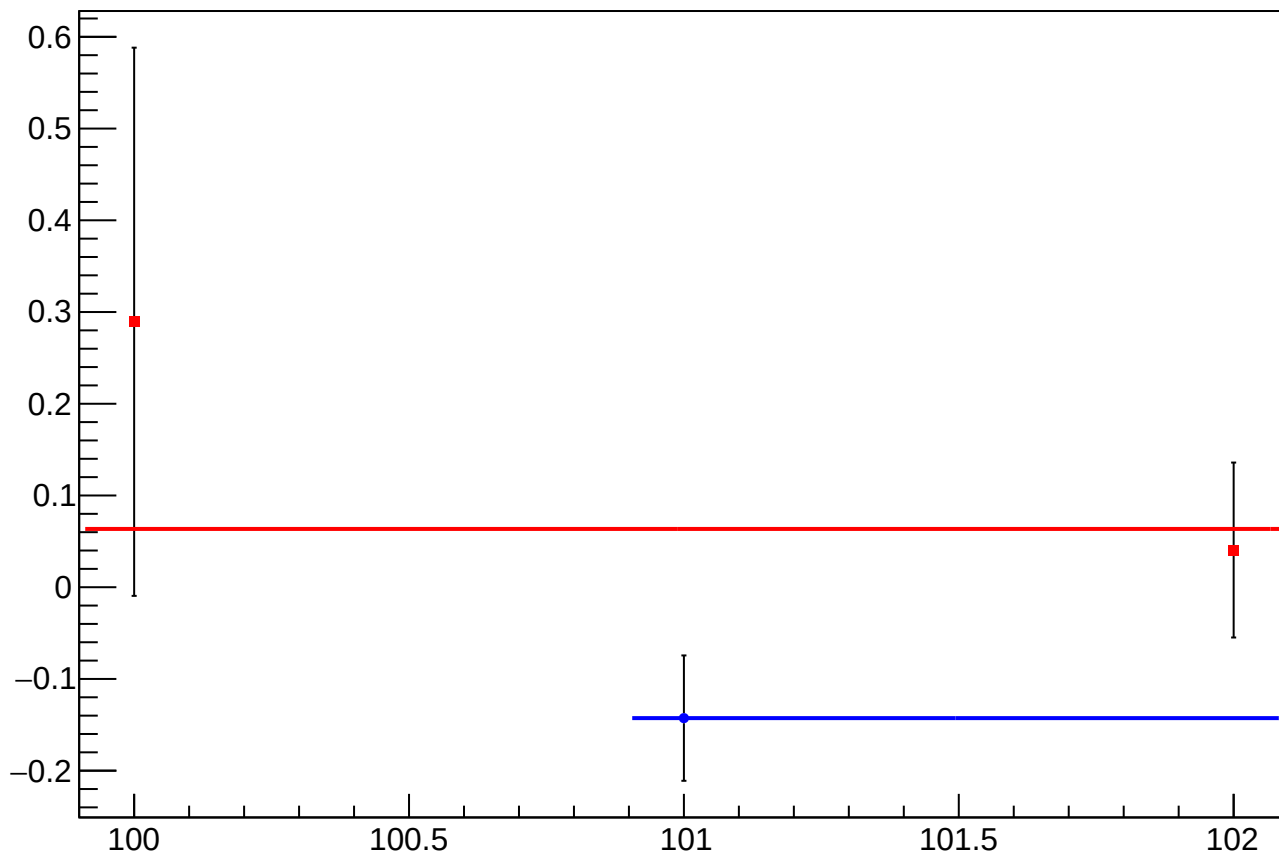
Right: 59.989 $\pm$ 0.039 χ^2 /NDF: 59897.3/2

In: 52.955 $\pm$ 0.048 χ^2 /NDF: 0.0/0

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

All: 59.989 $\pm$ 0.039 χ^2 /NDF: 59897.3/2

asym_us_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.143 $\pm$ 0.068 χ^2/NDF : 0.0/0

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

Right Out: 0.064 $\pm$ 0.091 χ^2/NDF : 0.6/1

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

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

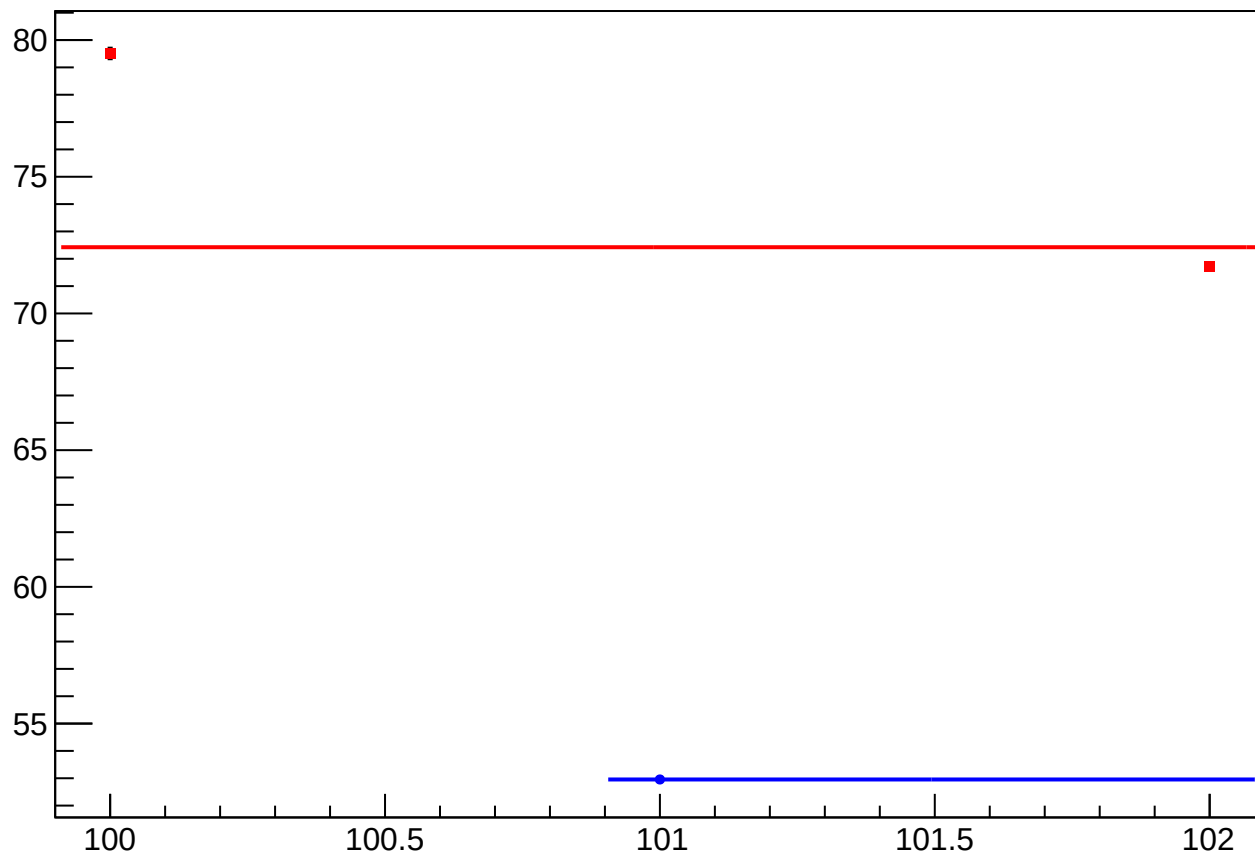
Right: -0.068 $\pm$ 0.055 χ^2/NDF : 3.9/2

In: -0.143 $\pm$ 0.068 χ^2/NDF : 0.0/0

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

All: -0.068 $\pm$ 0.055 χ^2/NDF : 3.9/2

asym_us_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.955 $\pm$ 0.048 χ^2 /NDF: 0.0/0

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

Right Out: 72.423 $\pm$ 0.064 χ^2 /NDF: 1239.6/1

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

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

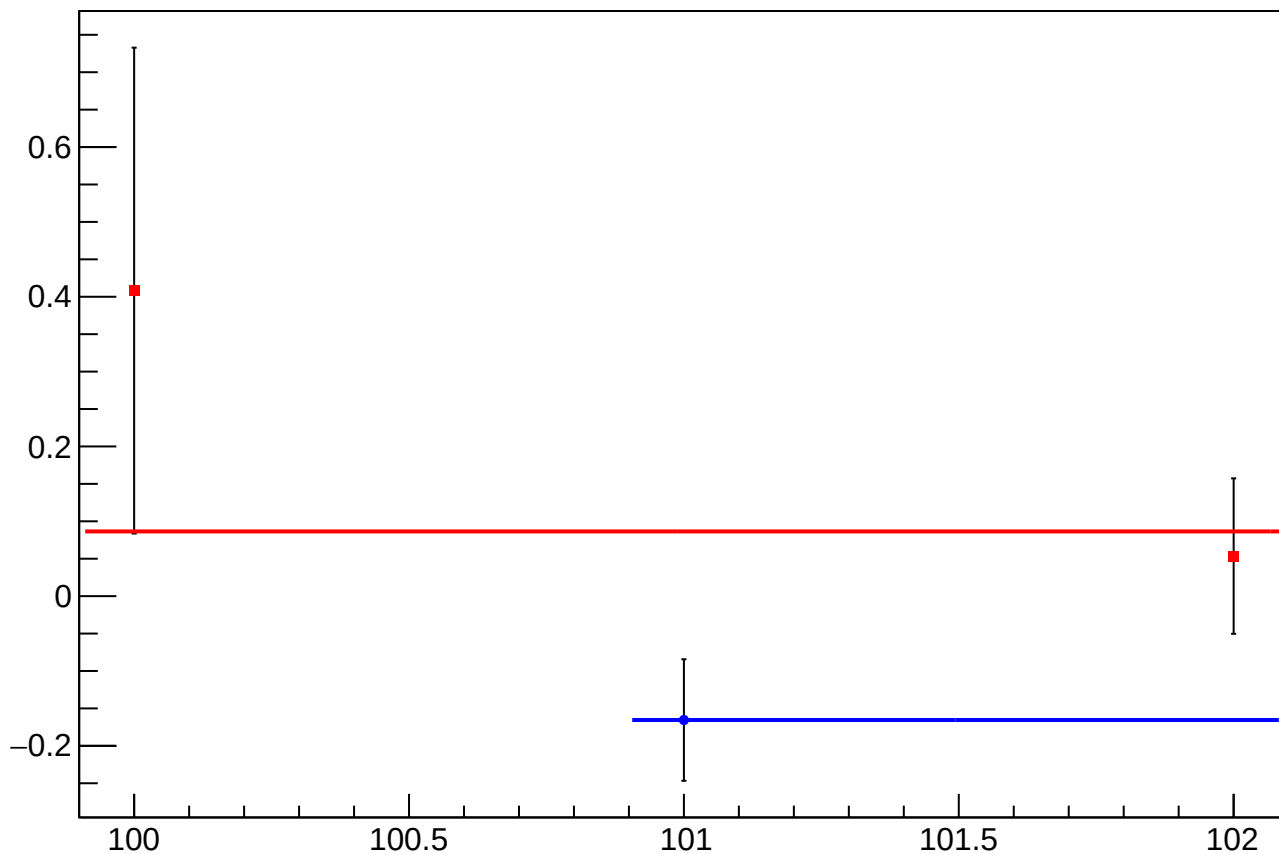
Right: 59.989 $\pm$ 0.039 χ^2 /NDF: 59897.3/2

In: 52.955 $\pm$ 0.048 χ^2 /NDF: 0.0/0

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

All: 59.989 $\pm$ 0.039 χ^2 /NDF: 59897.3/2

asym_us_avg_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.166+/-0.081 χ^2/NDF : 0.0/0

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

Right Out: 0.086+/-0.099 χ^2/NDF : 1.1/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

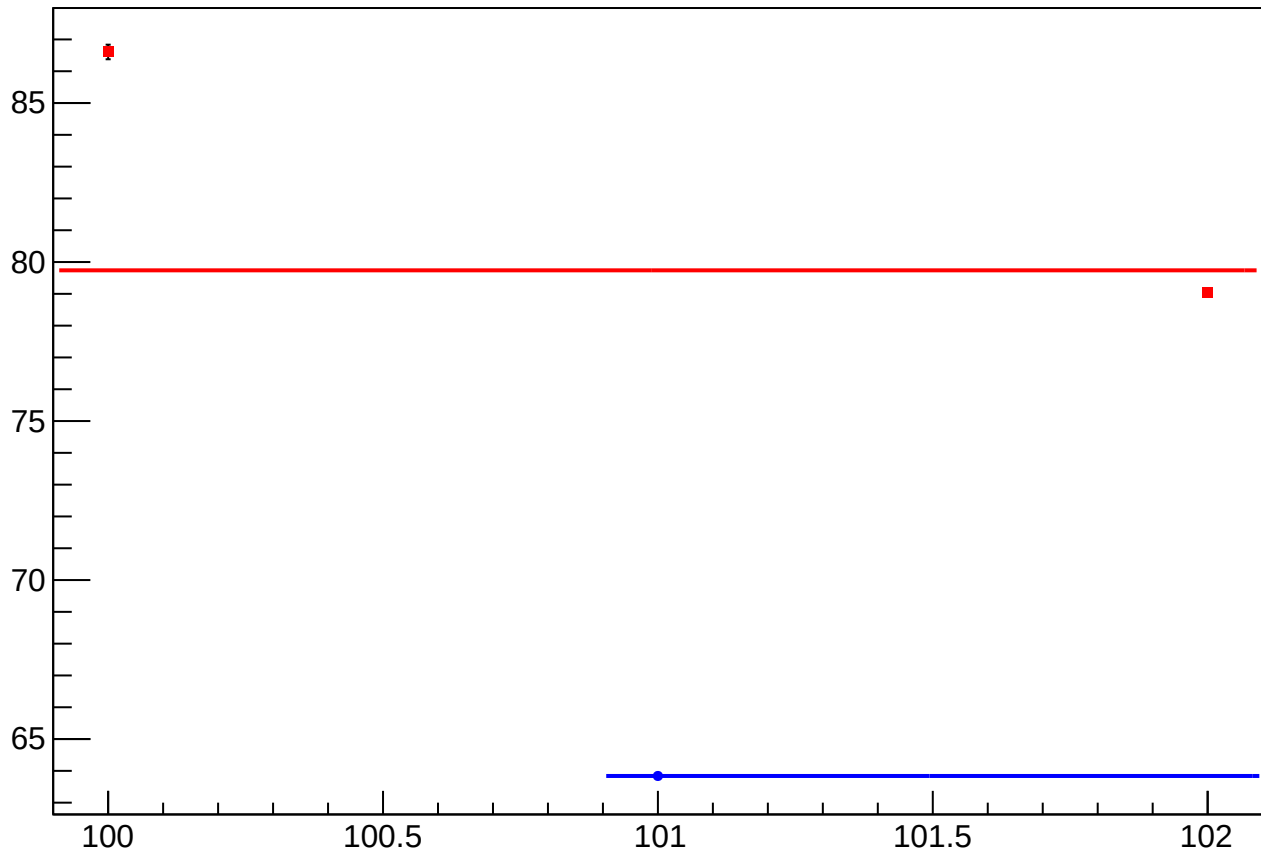
Right: -0.064+/-0.063 χ^2/NDF : 5.0/2

In: -0.166+/-0.081 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.064+/-0.063 χ^2/NDF : 5.0/2

asym_us_avg_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.839 $\pm$ 0.057 χ^2 /NDF: 0.0/0

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

Right Out: 79.739 $\pm$ 0.070 χ^2 /NDF: 986.7/1

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

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

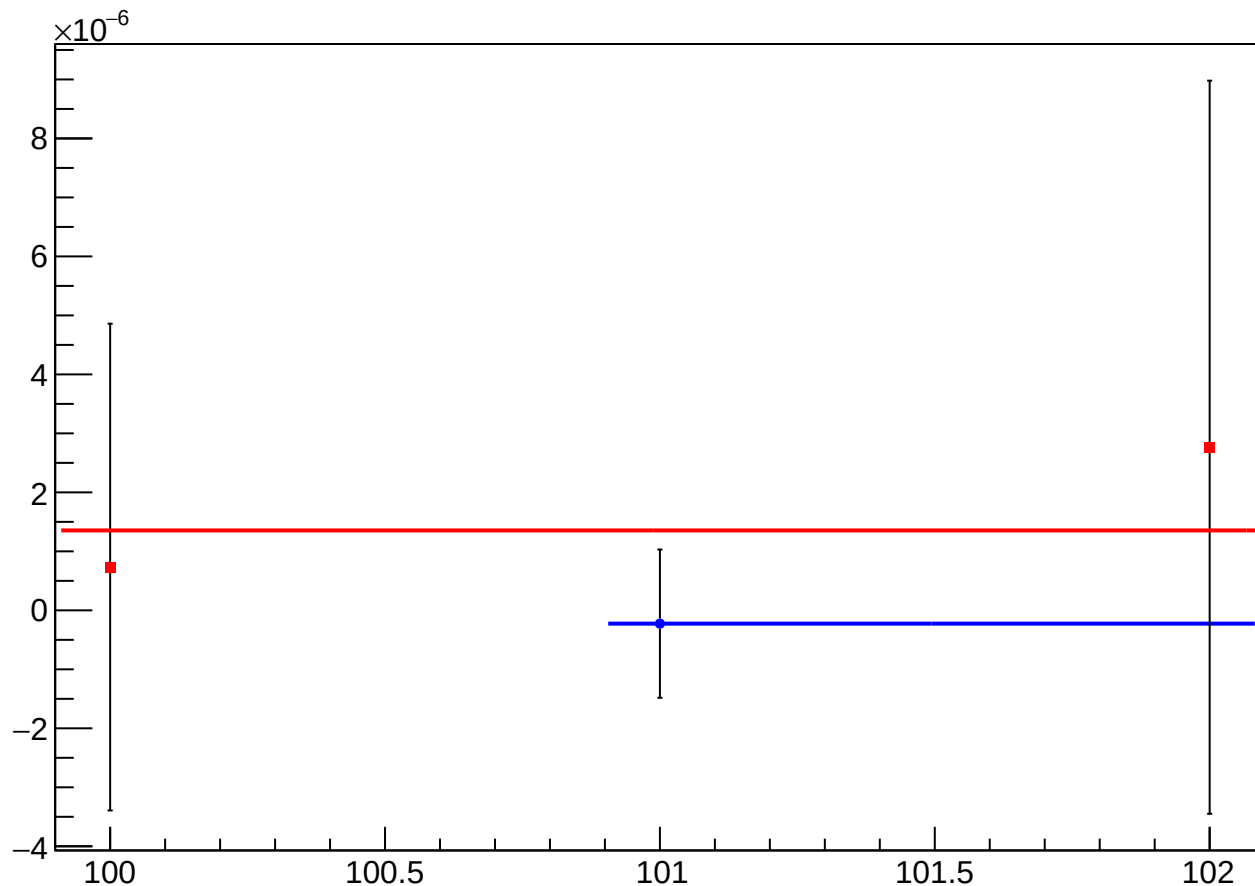
Right: 70.241 $\pm$ 0.044 χ^2 /NDF: 31858.9/2

In: 63.839 $\pm$ 0.057 χ^2 /NDF: 0.0/0

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

All: 70.241 $\pm$ 0.044 χ^2 /NDF: 31858.9/2

asym_us_avg_eigen_dit_vs_dit_diff_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 : 0.1/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

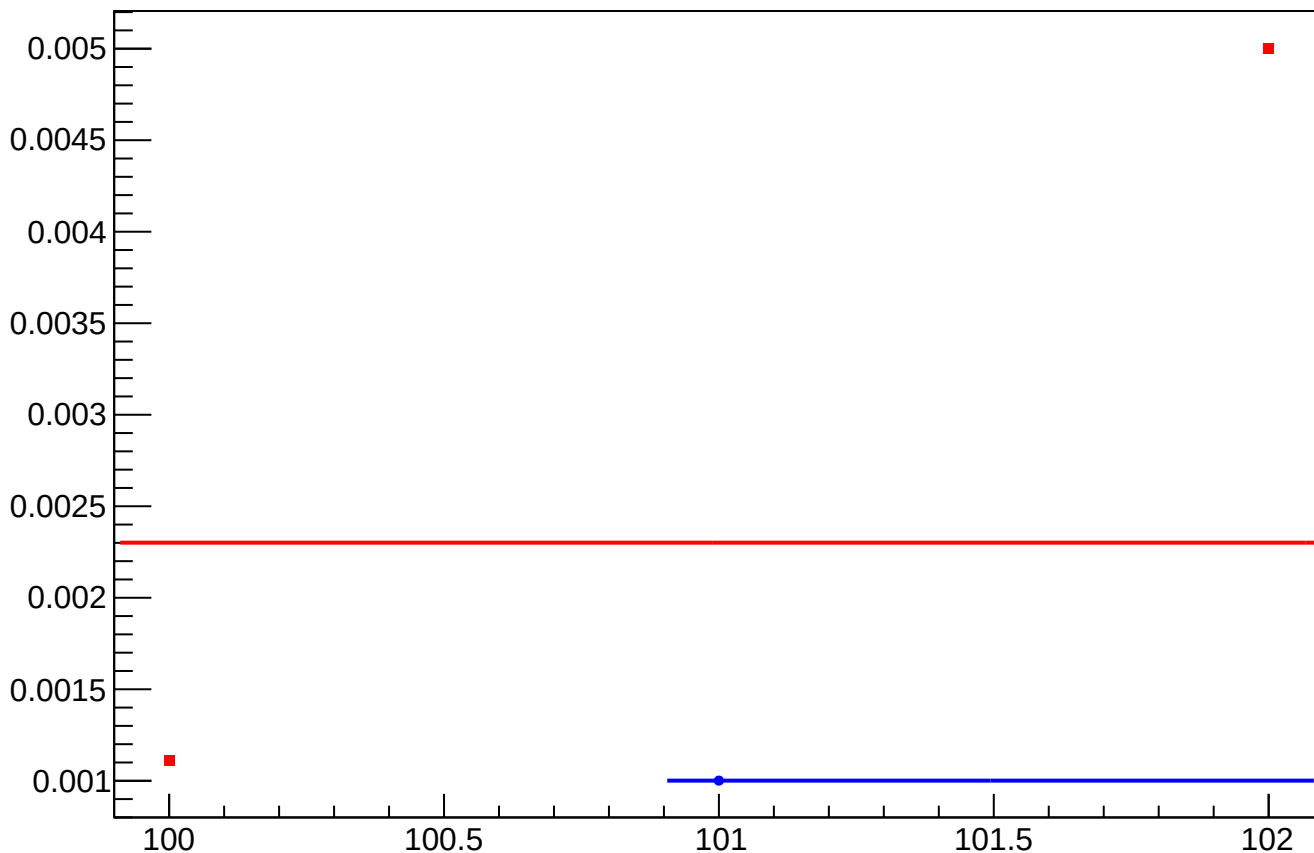
Right: -0.000+/-0.000 χ^2/NDF : 0.3/2

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 : 0.3/2

asym_us_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.002+/-0.000 χ^2/NDF : 544073.5/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

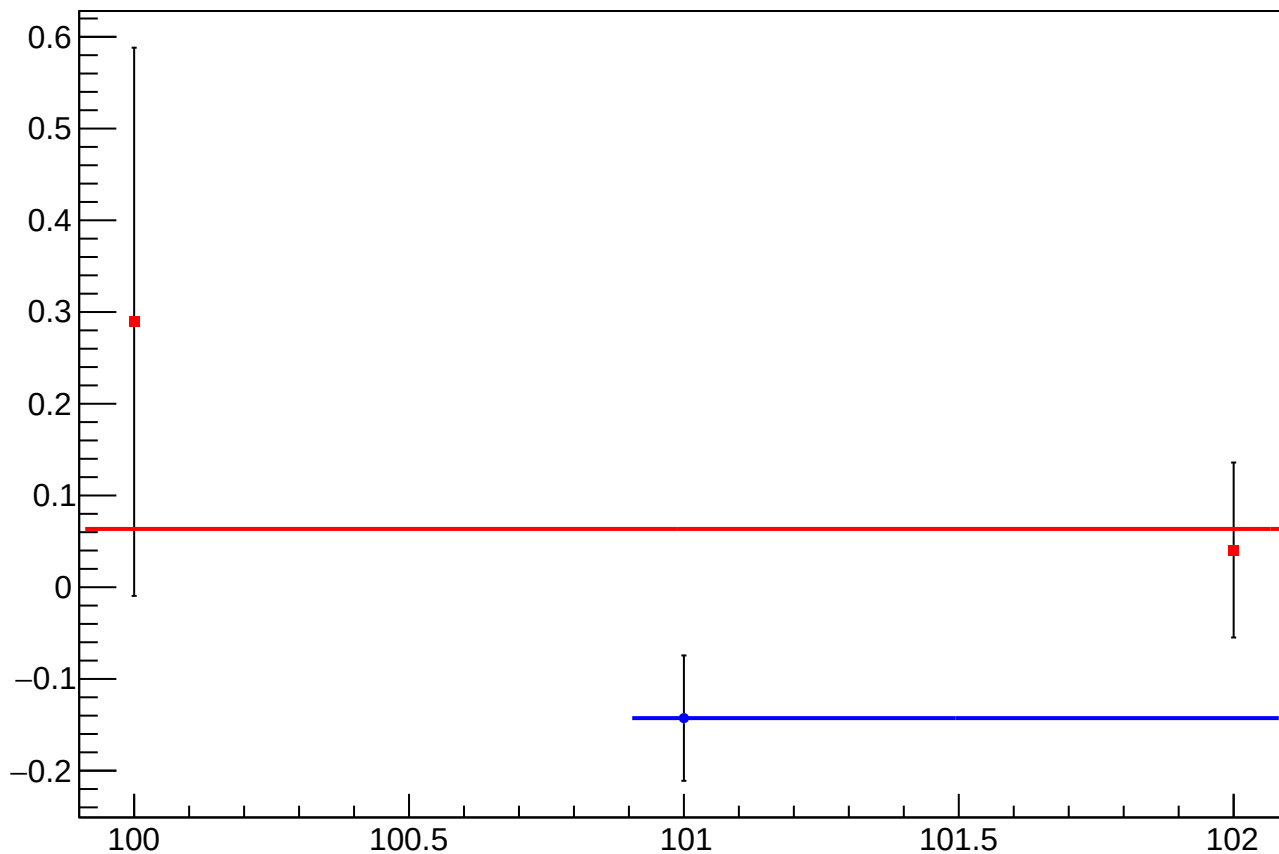
Right: 0.001+/-0.000 χ^2/NDF : 796476.9/2

In: 0.001+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 796476.9/2

asym_us_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.143 $\pm$ 0.068 χ^2/NDF : 0.0/0

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

Right Out: 0.064 $\pm$ 0.091 χ^2/NDF : 0.6/1

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

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

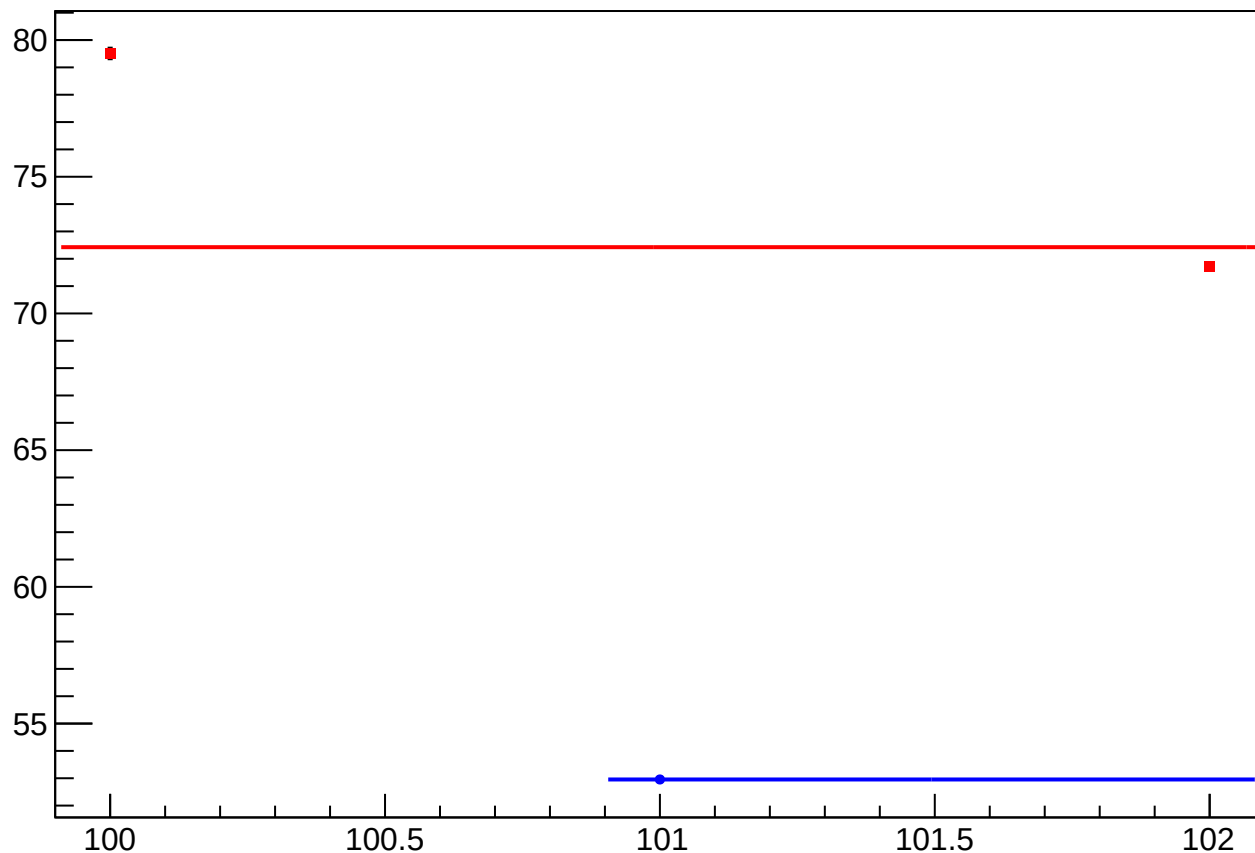
Right: -0.068 $\pm$ 0.055 χ^2/NDF : 3.9/2

In: -0.143 $\pm$ 0.068 χ^2/NDF : 0.0/0

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

All: -0.068 $\pm$ 0.055 χ^2/NDF : 3.9/2

asym_us_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.955 $\pm$ 0.048 χ^2 /NDF: 0.0/0

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

Right Out: 72.424 $\pm$ 0.064 χ^2 /NDF: 1239.1/1

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

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

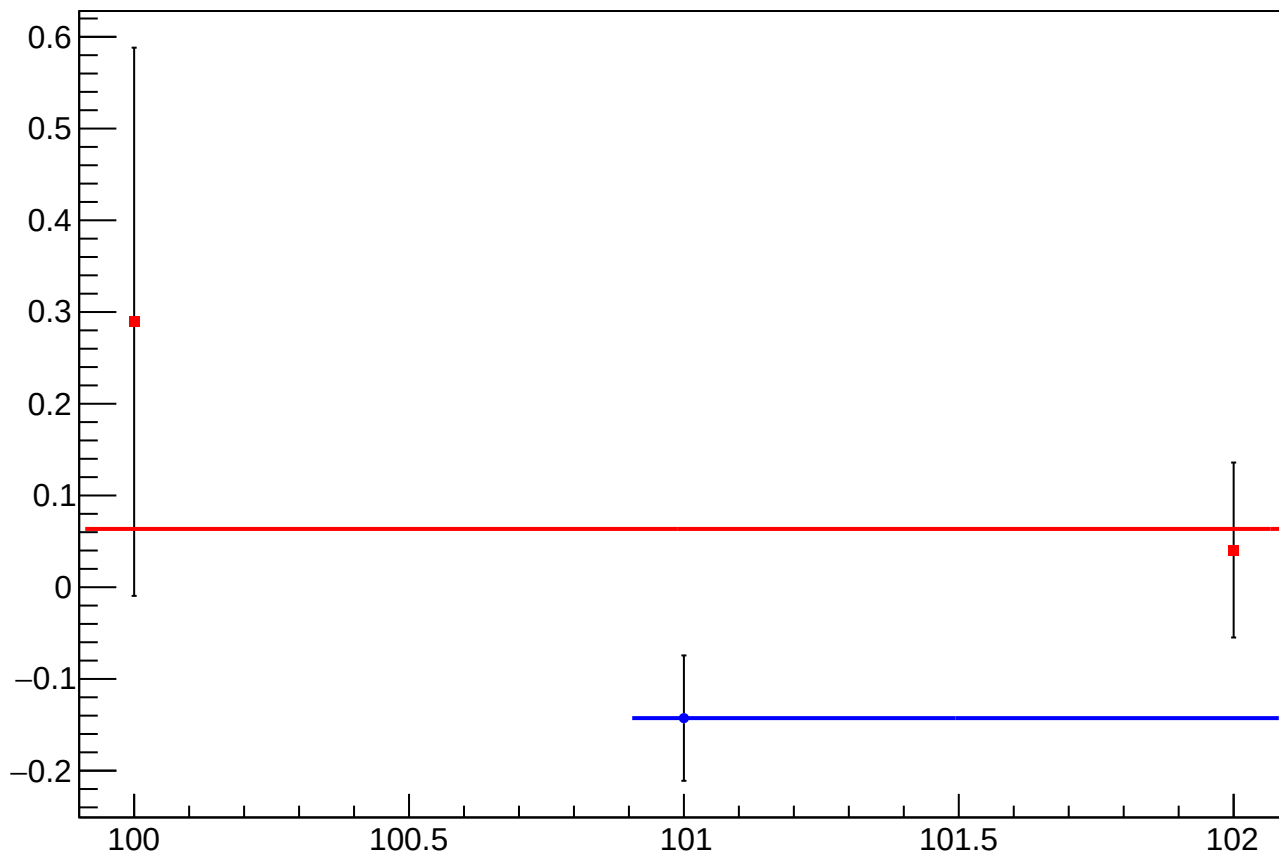
Right: 59.990 $\pm$ 0.039 χ^2 /NDF: 59904.6/2

In: 52.955 $\pm$ 0.048 χ^2 /NDF: 0.0/0

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

All: 59.990 $\pm$ 0.039 χ^2 /NDF: 59904.6/2

asym_us_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.143+/-0.068 χ^2/NDF : 0.0/0

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

Right Out: 0.064+/-0.091 χ^2/NDF : 0.6/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

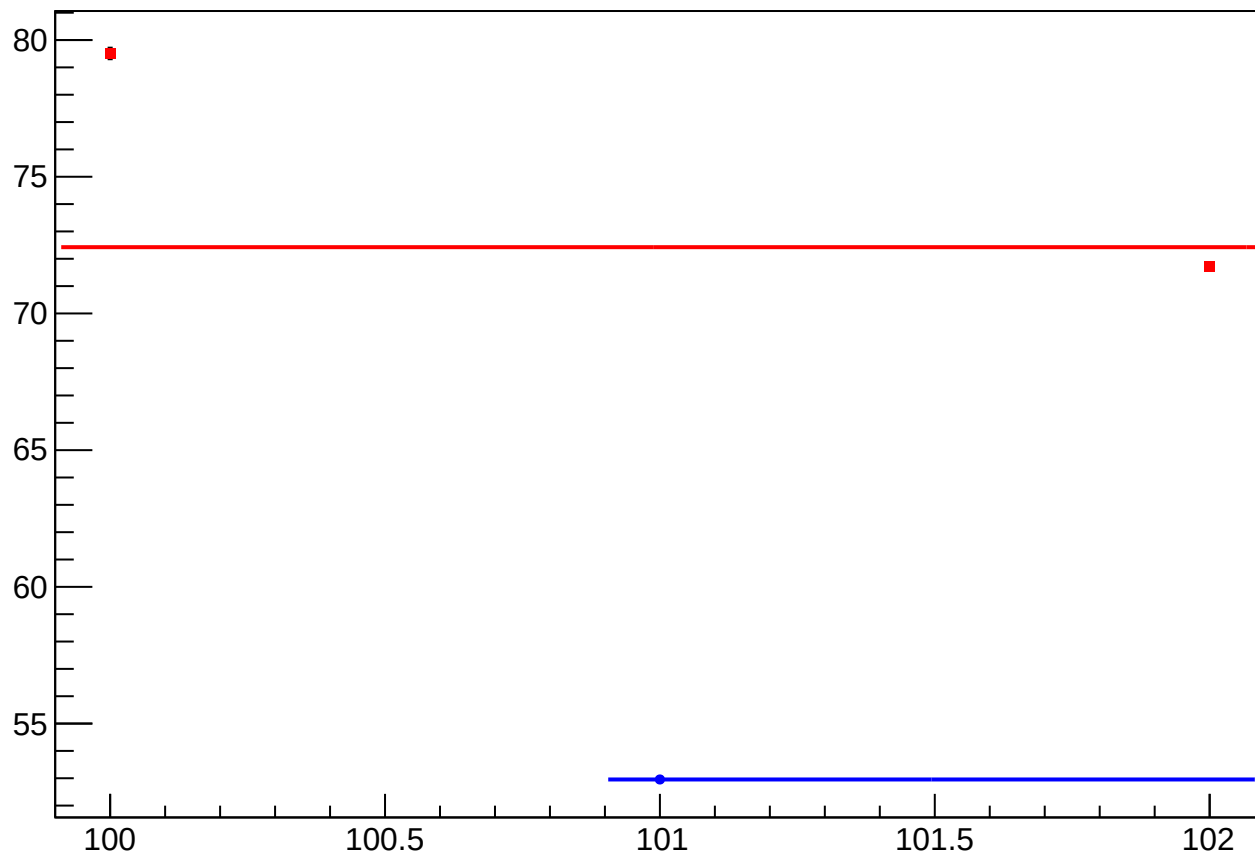
Right: -0.068+/-0.055 χ^2/NDF : 3.9/2

In: -0.143+/-0.068 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.068+/-0.055 χ^2/NDF : 3.9/2

asym_us_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.955 $\pm$ 0.048 χ^2 /NDF: 0.0/0

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

Right Out: 72.424 $\pm$ 0.064 χ^2 /NDF: 1239.1/1

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

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

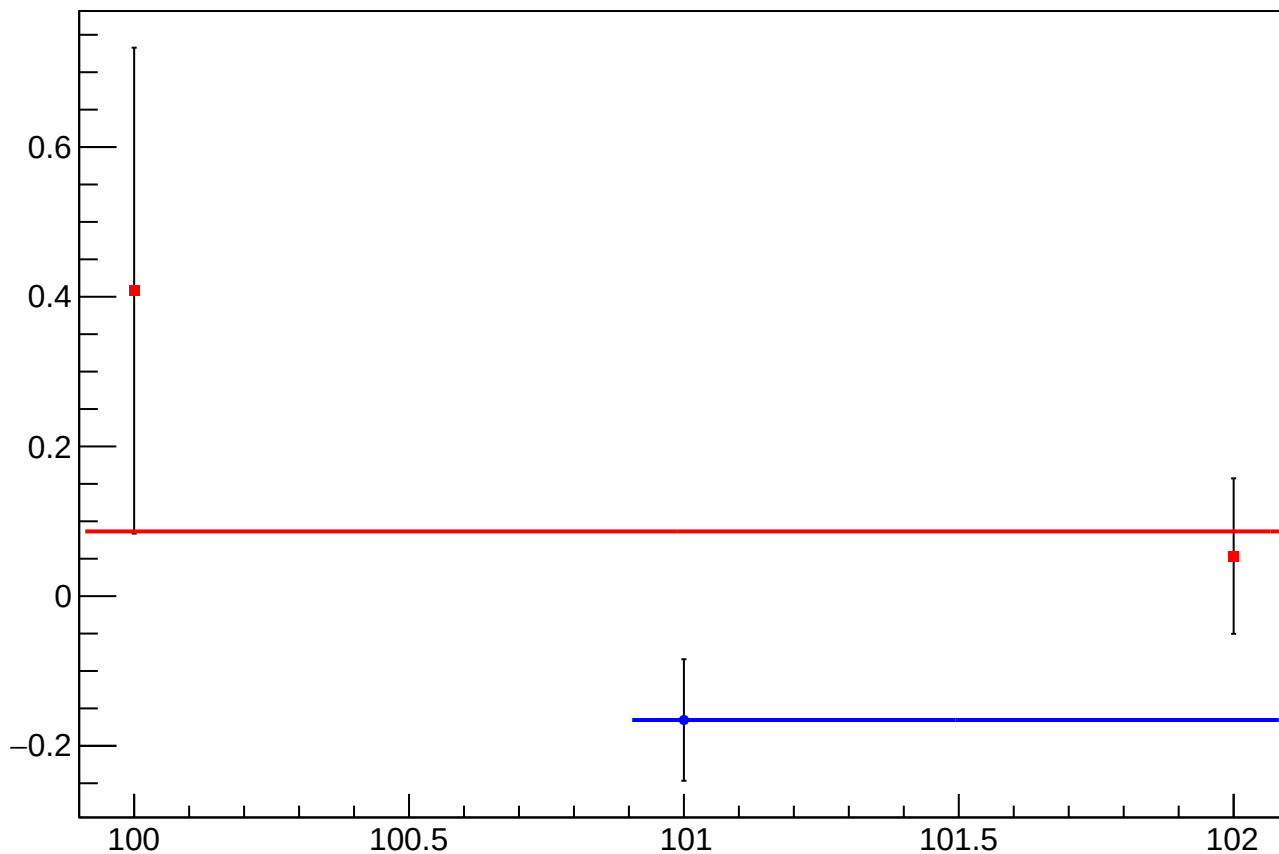
Right: 59.990 $\pm$ 0.039 χ^2 /NDF: 59904.6/2

In: 52.955 $\pm$ 0.048 χ^2 /NDF: 0.0/0

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

All: 59.990 $\pm$ 0.039 χ^2 /NDF: 59904.6/2

asym_us_avg_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.166+/-0.081 χ^2/NDF : 0.0/0

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

Right Out: 0.086+/-0.099 χ^2/NDF : 1.1/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

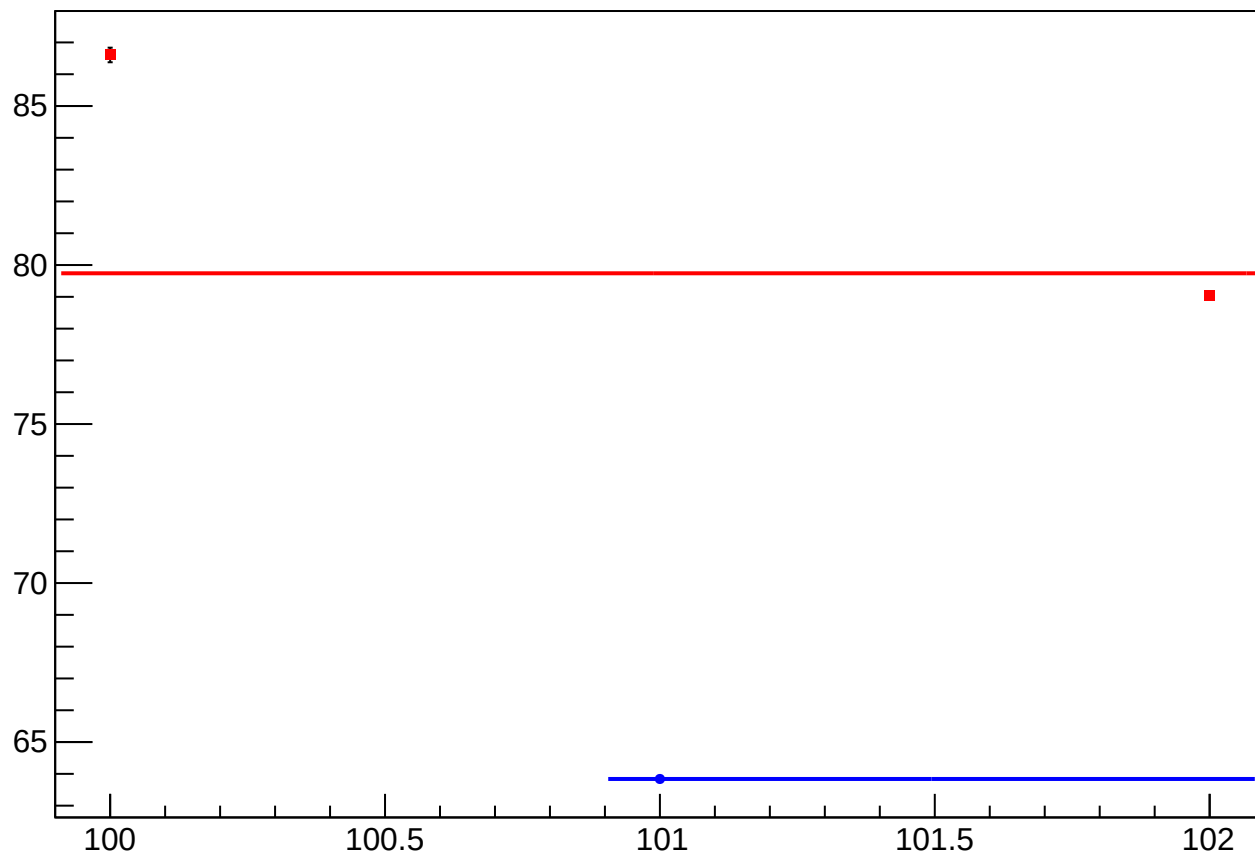
Right: -0.064+/-0.063 χ^2/NDF : 5.0/2

In: -0.166+/-0.081 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.064+/-0.063 χ^2/NDF : 5.0/2

asym_us_avg_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.839 $\pm$ 0.057 χ^2 /NDF: 0.0/0

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

Right Out: 79.740 $\pm$ 0.070 χ^2 /NDF: 986.3/1

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

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

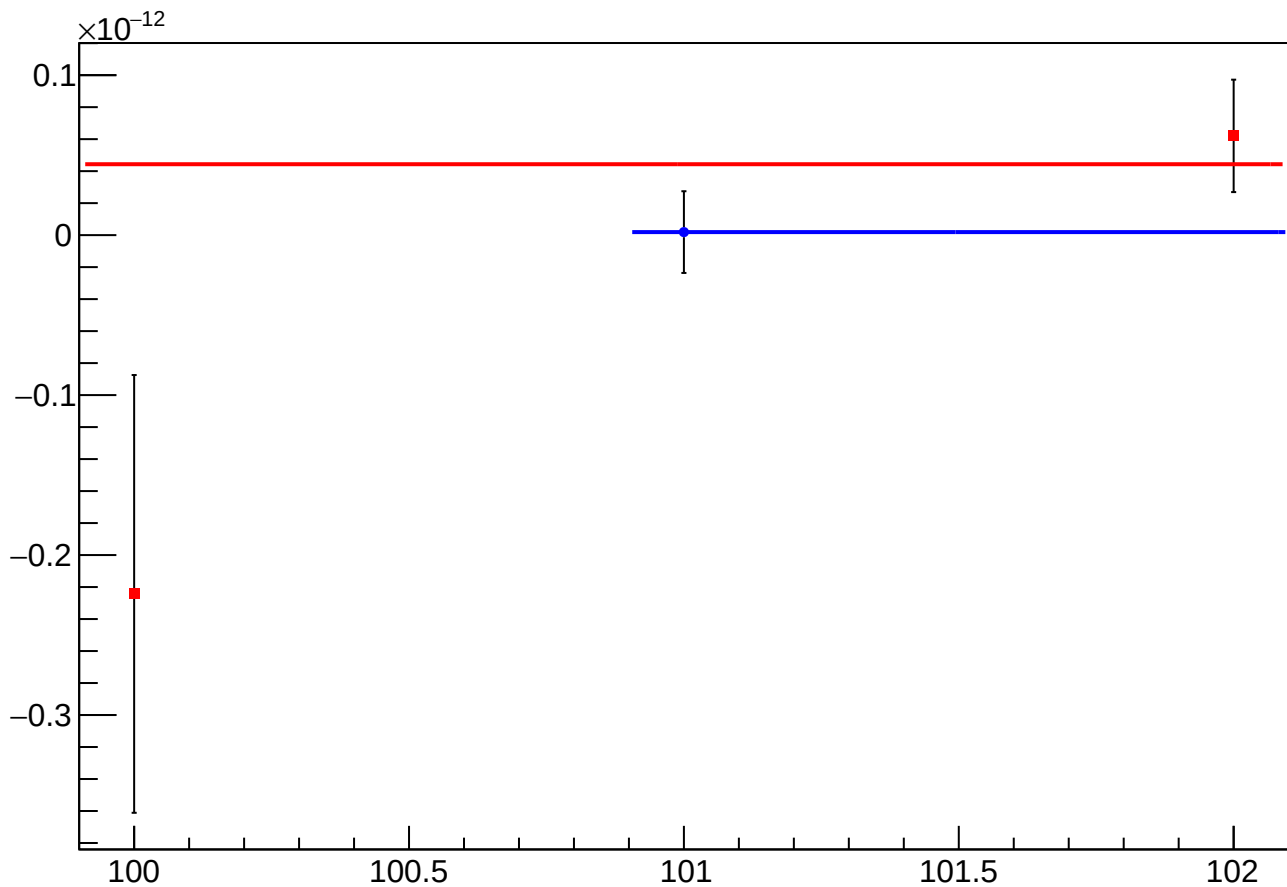
Right: 70.242 $\pm$ 0.044 χ^2 /NDF: 31863.0/2

In: 63.839 $\pm$ 0.057 χ^2 /NDF: 0.0/0

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

All: 70.242 $\pm$ 0.044 χ^2 /NDF: 31863.0/2

asym_us_avg_eigen_cor_vs_cor_diff_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 : 4.1/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

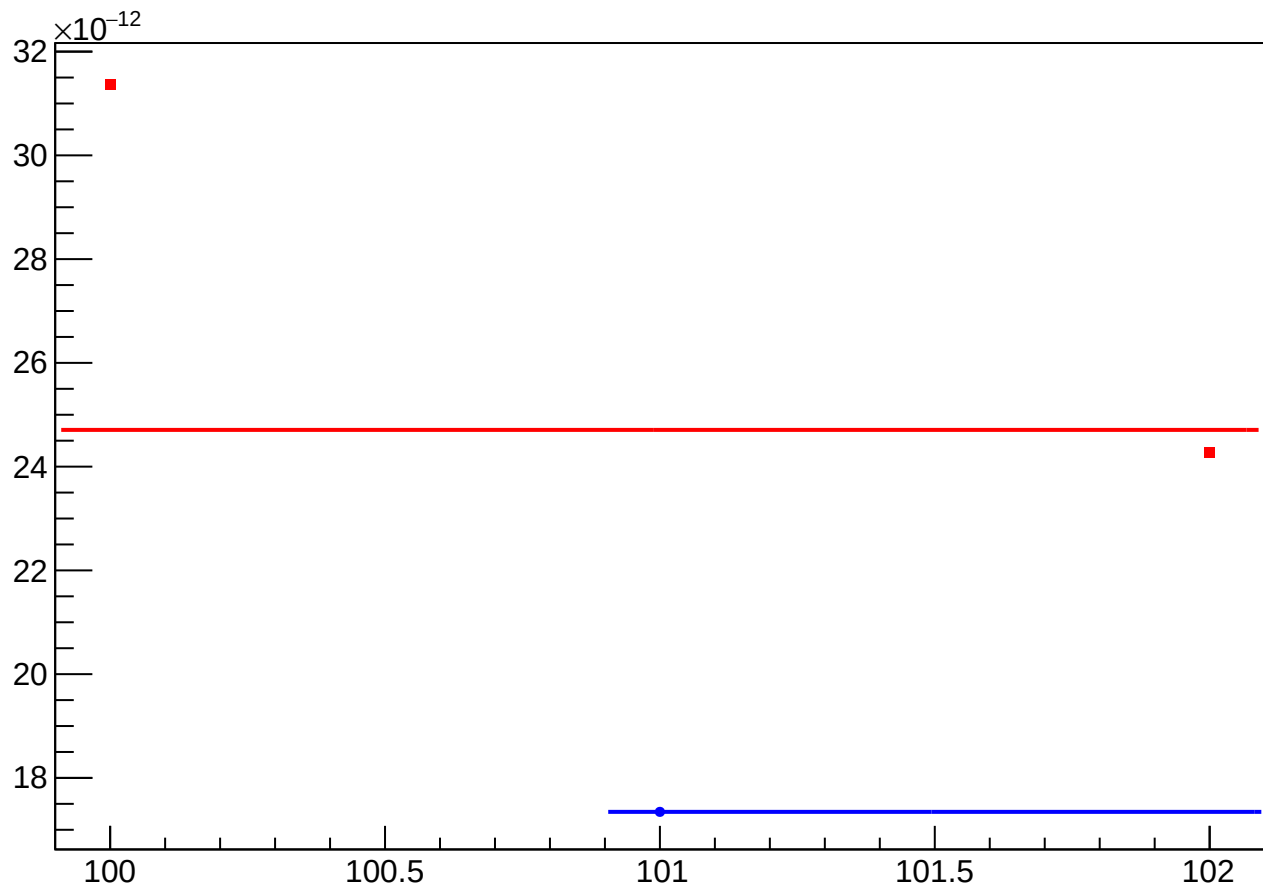
Right: 0.000+/-0.000 χ^2/NDF : 5.1/2

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 : 5.1/2

asym_us_avg_eigen_cor_vs_cor_diff_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 : 5041.3/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

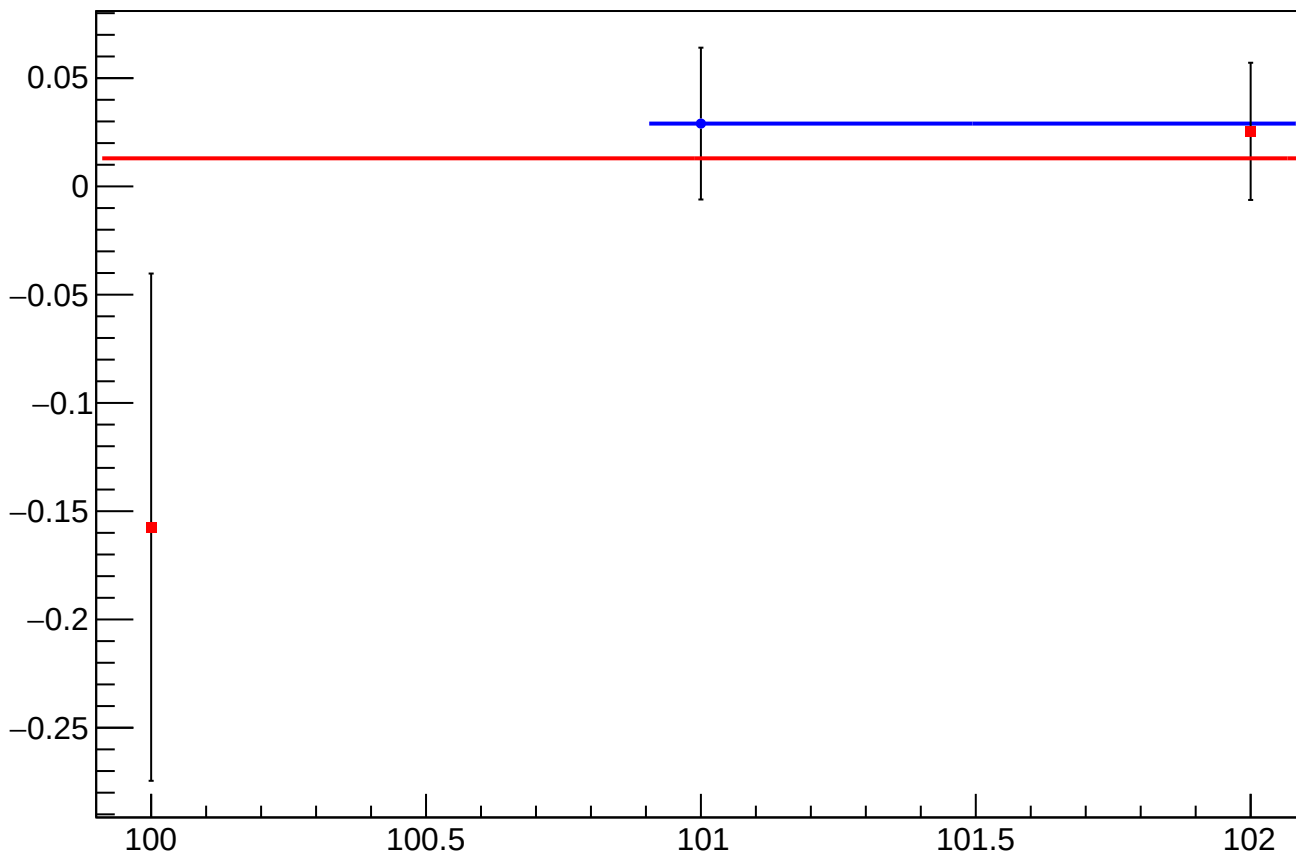
Right: 0.000+/-0.000 χ^2/NDF : 64914.7/2

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 : 64914.7/2

asym_us_avg_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.029 $\pm$ 0.035 χ^2 /NDF: 0.0/0

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

Right Out: 0.013 $\pm$ 0.031 χ^2 /NDF: 2.3/1

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

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

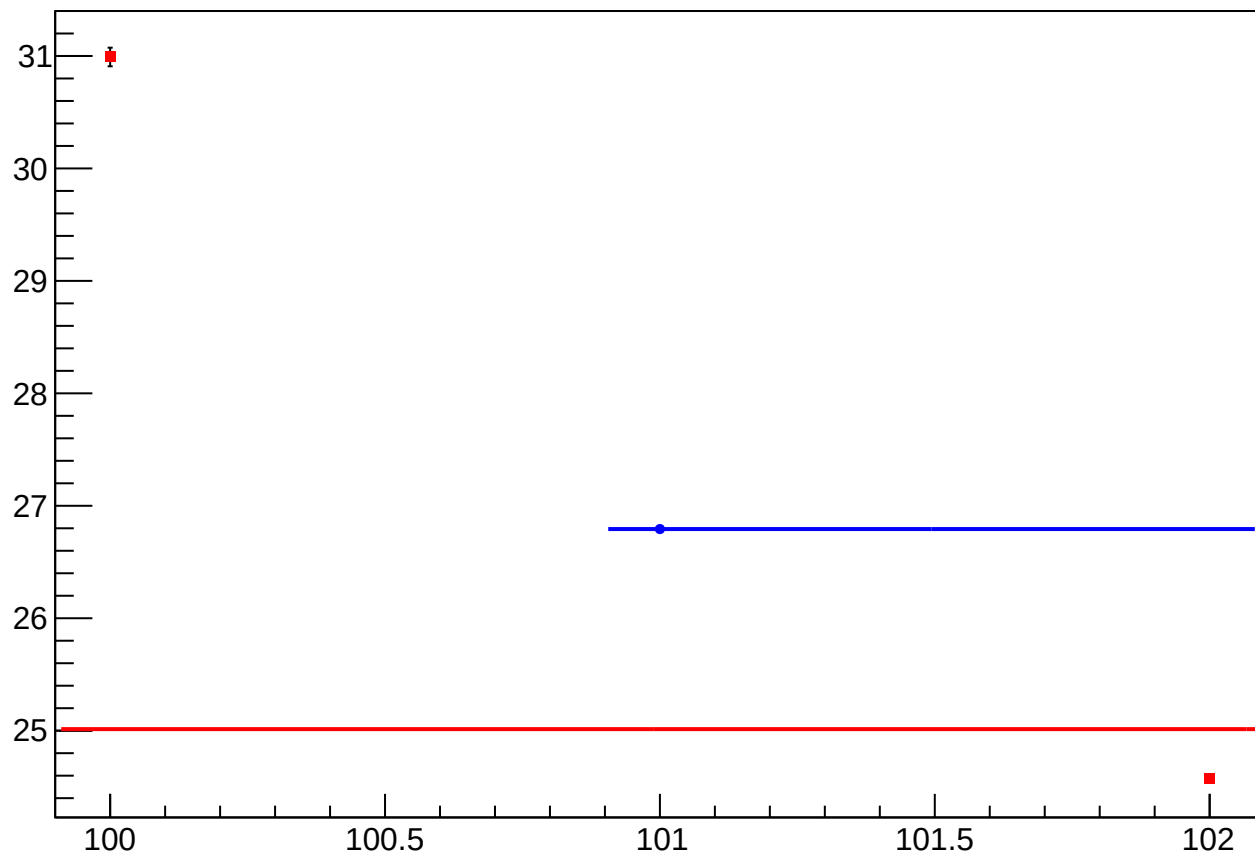
Right: 0.020 $\pm$ 0.023 χ^2 /NDF: 2.4/2

In: 0.029 $\pm$ 0.035 χ^2 /NDF: 0.0/0

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

All: 0.020 $\pm$ 0.023 χ^2 /NDF: 2.4/2

asym_us_avg_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.793 $\pm$ 0.025 χ^2 /NDF: 0.0/0

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

Right Out: 25.014 $\pm$ 0.022 χ^2 /NDF: 5588.7/1

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

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

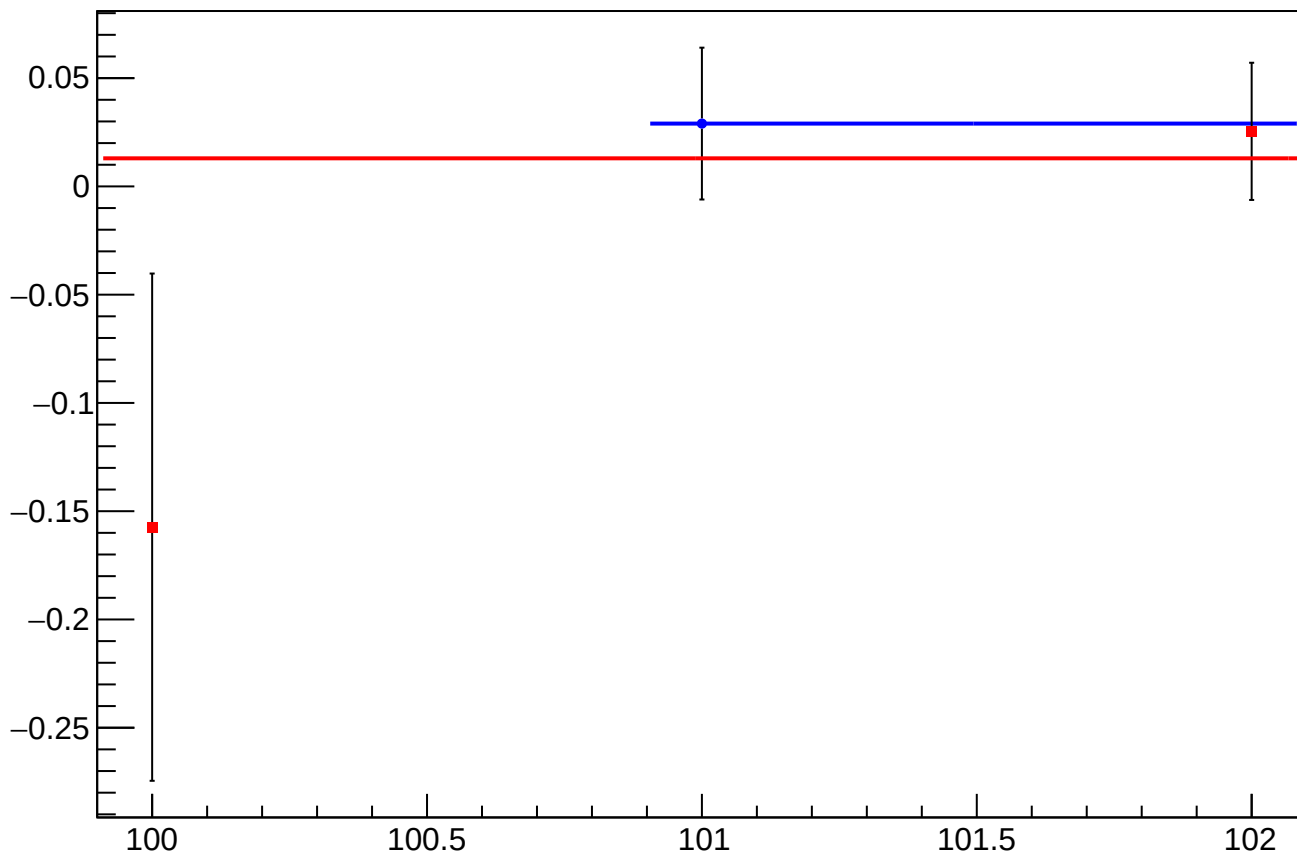
Right: 25.783 $\pm$ 0.016 χ^2 /NDF: 8513.2/2

In: 26.793 $\pm$ 0.025 χ^2 /NDF: 0.0/0

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

All: 25.783 $\pm$ 0.016 χ^2 /NDF: 8513.2/2

asym_us_avg_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.029 $\pm$ 0.035 χ^2 /NDF: 0.0/0

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

Right Out: 0.013 $\pm$ 0.031 χ^2 /NDF: 2.3/1

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

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

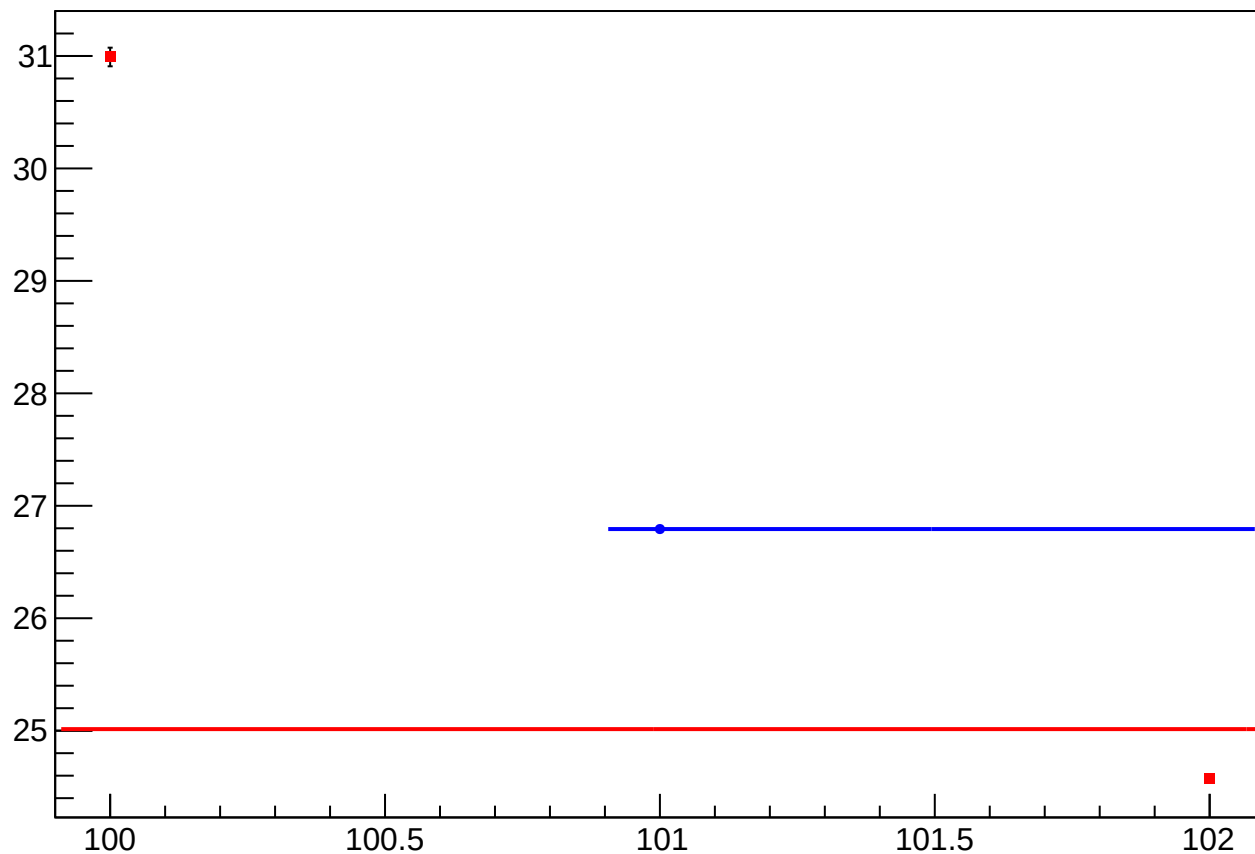
Right: 0.020 $\pm$ 0.023 χ^2 /NDF: 2.4/2

In: 0.029 $\pm$ 0.035 χ^2 /NDF: 0.0/0

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

All: 0.020 $\pm$ 0.023 χ^2 /NDF: 2.4/2

asym_us_avg_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.793+/-0.025 χ^2/NDF : 0.0/0

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

Right Out: 25.014+/-0.022 χ^2/NDF : 5588.7/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

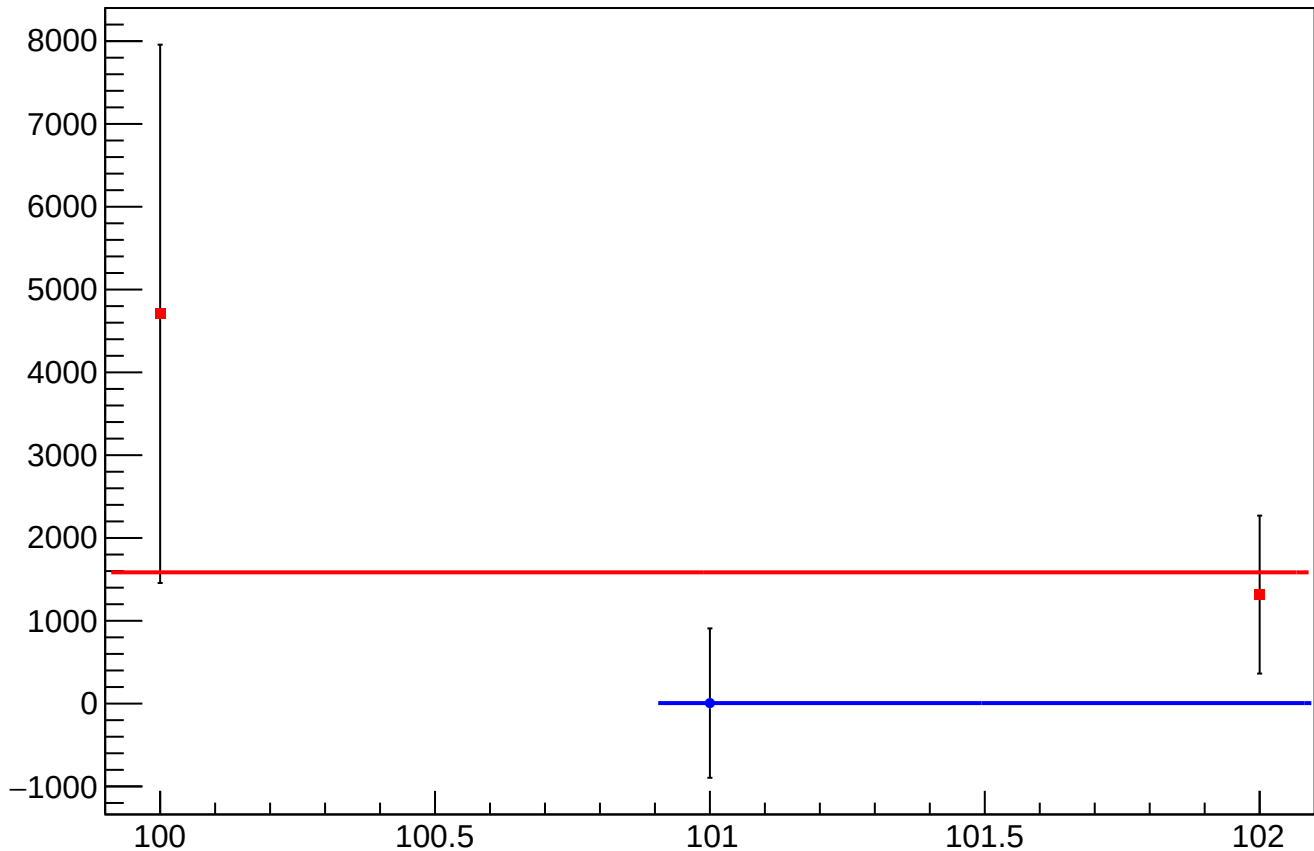
Right: 25.783+/-0.016 χ^2/NDF : 8513.2/2

In: 26.793+/-0.025 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.783+/-0.016 χ^2/NDF : 8513.2/2

reg_asym_us_dd_mean vs Slug, Sign Corrected



Right In: 6.019+/-902.083 χ^2/NDF : 0.0/0

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

Right Out: 1585.063+/-915.147 χ^2/NDF : 1.0/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

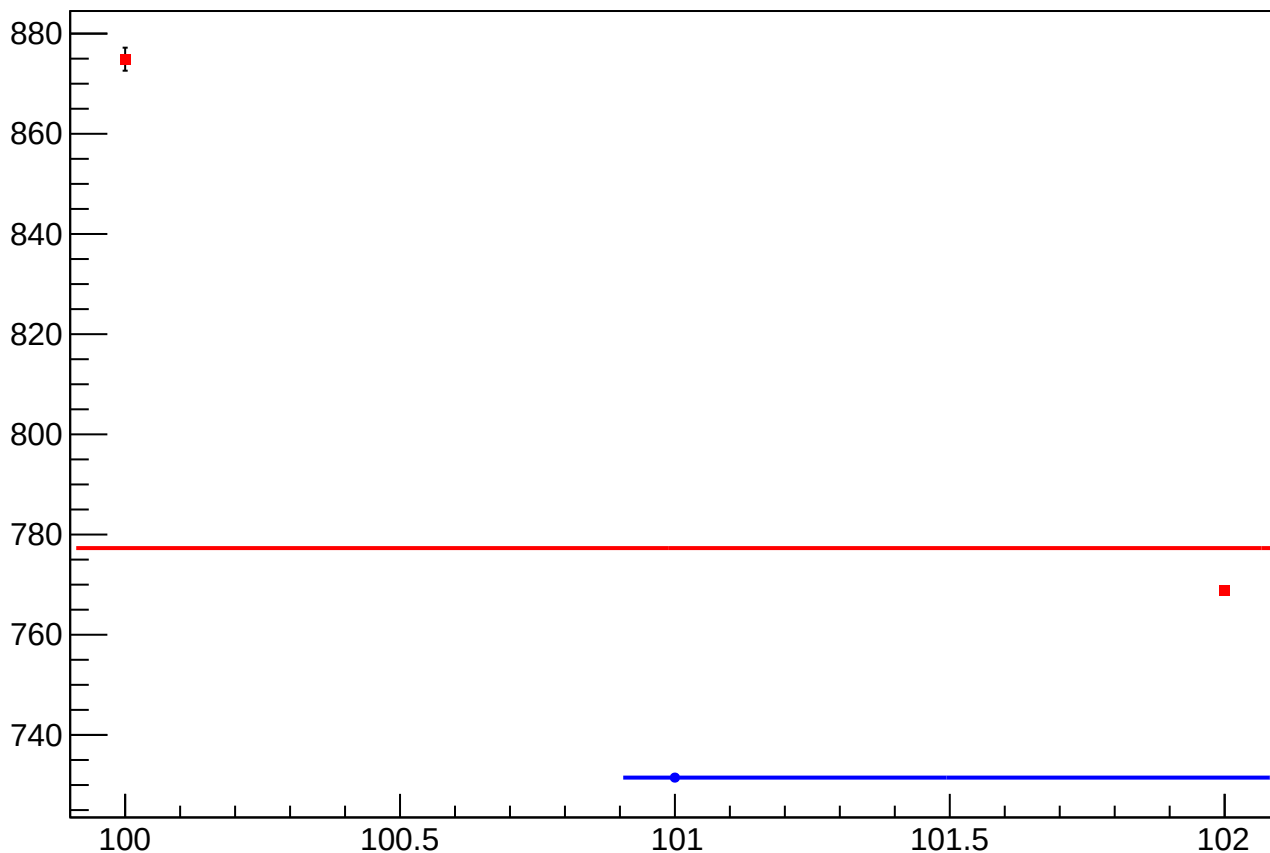
Right: 784.190+/-642.438 χ^2/NDF : 2.5/2

In: 6.019+/-902.083 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 784.190+/-642.438 χ^2/NDF : 2.5/2

reg_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 731.482 $\pm$ 0.638 χ^2 /NDF: 0.0/0

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

Right Out: 777.297 $\pm$ 0.647 χ^2 /NDF: 1958.2/1

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

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

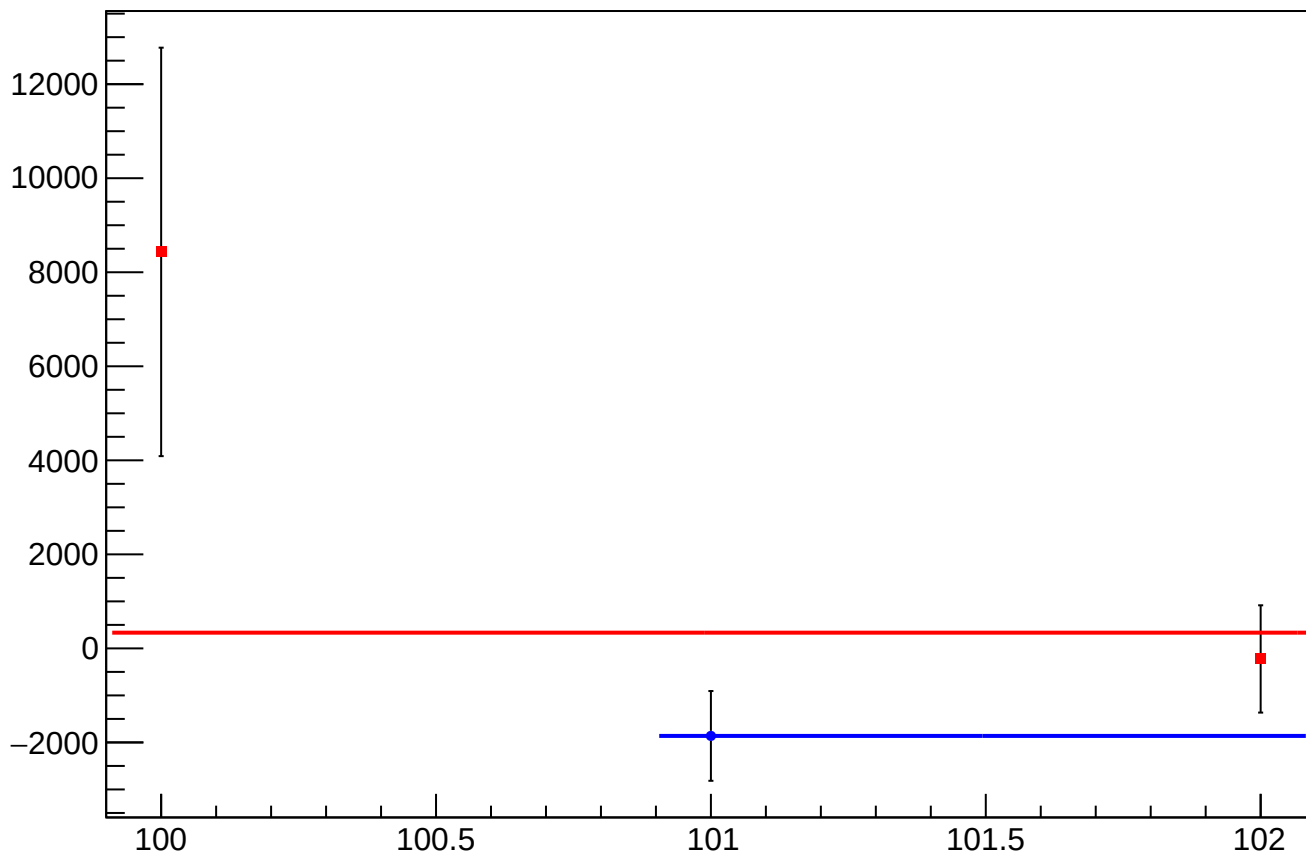
Right: 754.060 $\pm$ 0.454 χ^2 /NDF: 4500.6/2

In: 731.482 $\pm$ 0.638 χ^2 /NDF: 0.0/0

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

All: 754.060 $\pm$ 0.454 χ^2 /NDF: 4500.6/2

asym_us_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -1861.487+/-954.560 χ^2/NDF : 0.0/0

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

Right Out: 334.434+/-1103.583 χ^2/NDF : 3.7/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

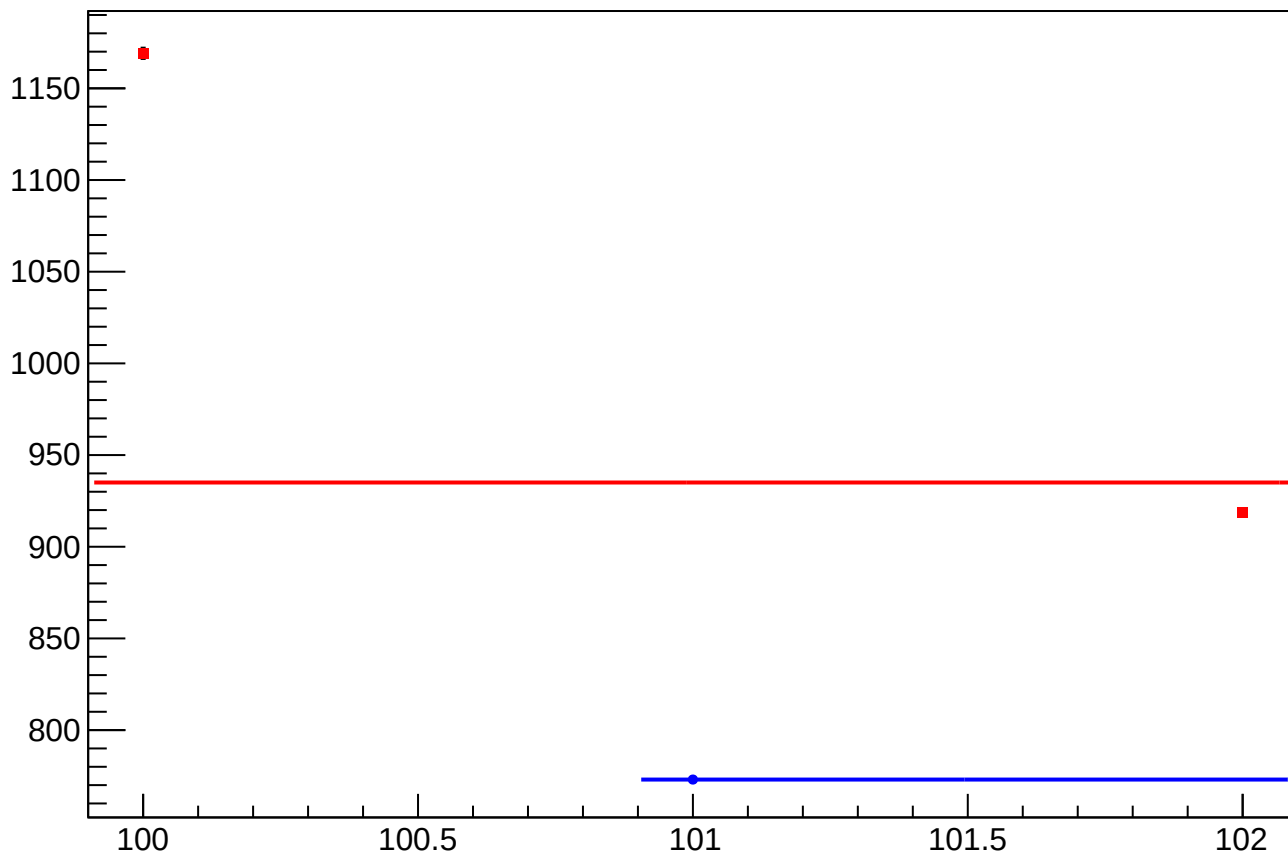
Right: -921.696+/-721.958 χ^2/NDF : 6.0/2

In: -1861.487+/-954.560 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -921.696+/-721.958 χ^2/NDF : 6.0/2

asym_us_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 773.032 $\pm$ 0.675 χ^2 /NDF: 0.0/0

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

Right Out: 935.035 $\pm$ 0.780 χ^2 /NDF: 6208.6/1

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

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

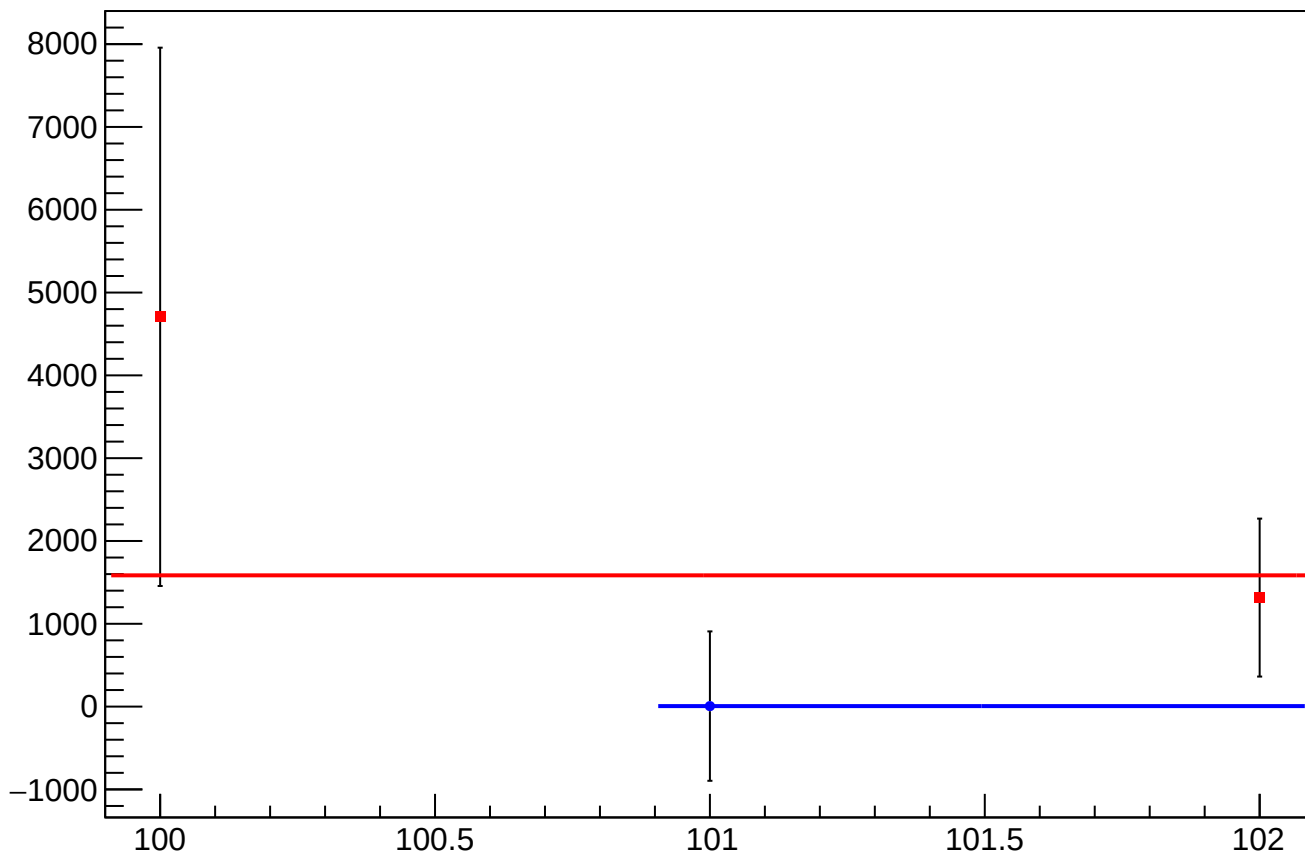
Right: 842.365 $\pm$ 0.511 χ^2 /NDF: 30862.5/2

In: 773.032 $\pm$ 0.675 χ^2 /NDF: 0.0/0

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

All: 842.365 $\pm$ 0.511 χ^2 /NDF: 30862.5/2

cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: 6.019+/-902.083 χ^2 /NDF: 0.0/0

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

Right Out: 1585.063+/-915.147 χ^2 /NDF: 1.0/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

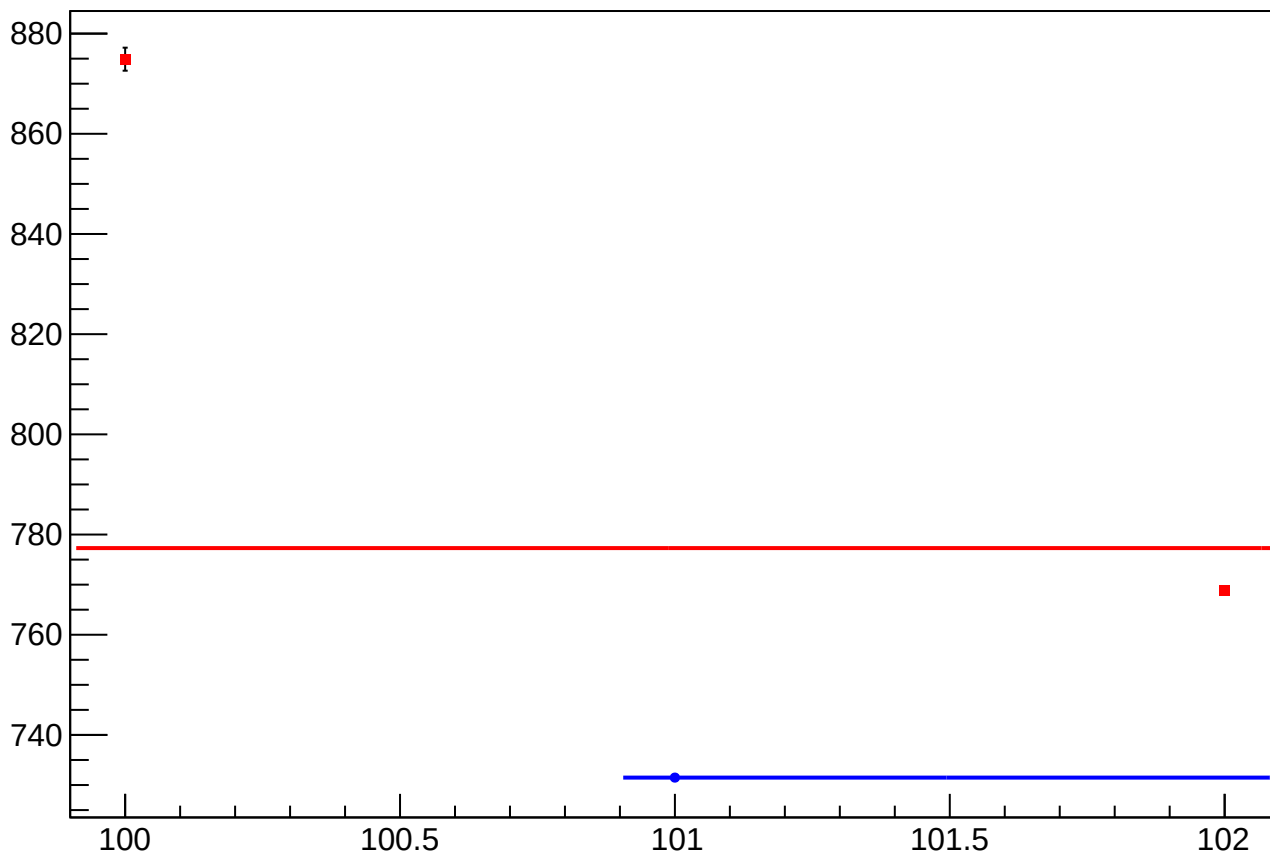
Right: 784.190+/-642.438 χ^2 /NDF: 2.5/2

In: 6.019+/-902.083 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 784.190+/-642.438 χ^2 /NDF: 2.5/2

cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 731.482 $\pm$ 0.638 χ^2 /NDF: 0.0/0

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

Right Out: 777.297 $\pm$ 0.647 χ^2 /NDF: 1958.2/1

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

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

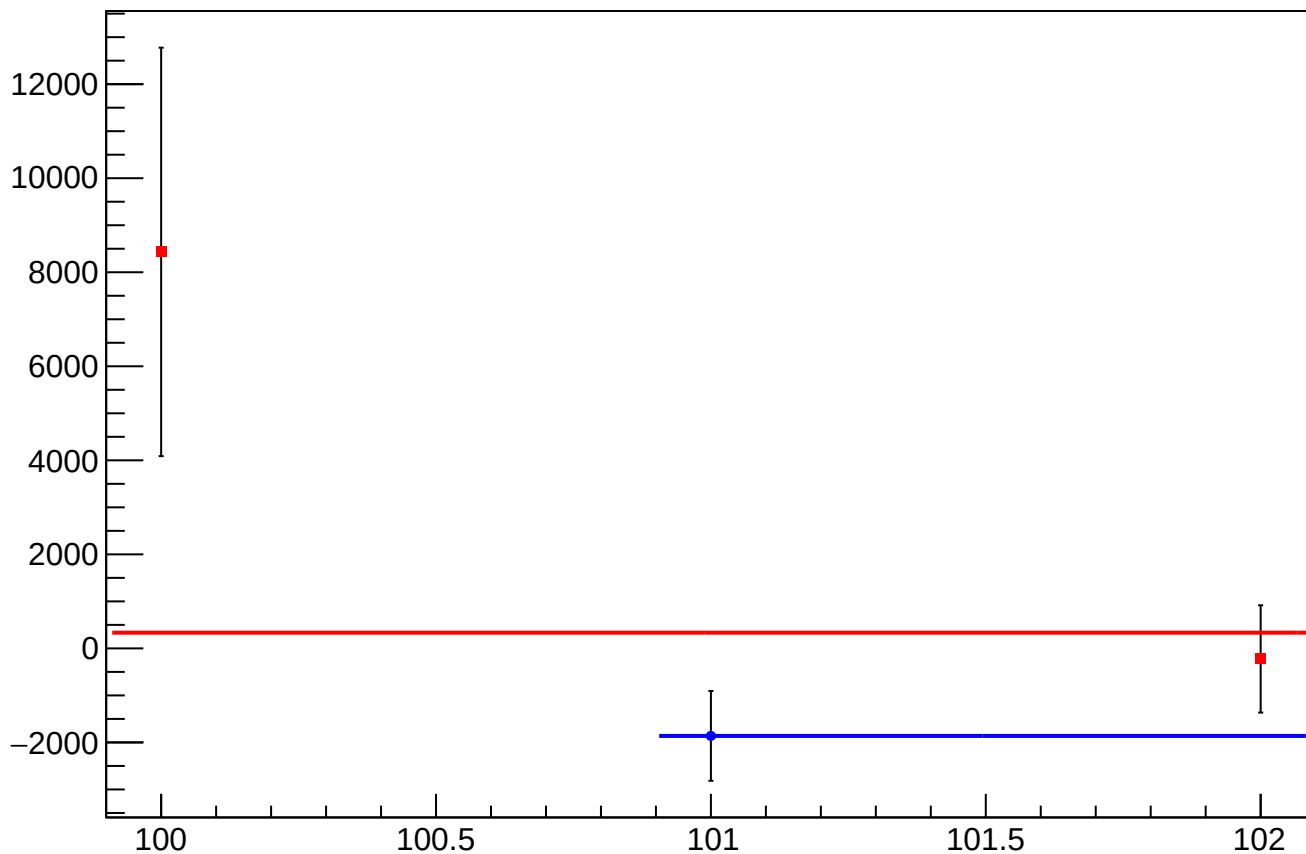
Right: 754.060 $\pm$ 0.454 χ^2 /NDF: 4500.6/2

In: 731.482 $\pm$ 0.638 χ^2 /NDF: 0.0/0

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

All: 754.060 $\pm$ 0.454 χ^2 /NDF: 4500.6/2

asym_us_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -1861.487+/-954.560 χ^2/NDF : 0.0/0

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

Right Out: 334.434+/-1103.583 χ^2/NDF : 3.7/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

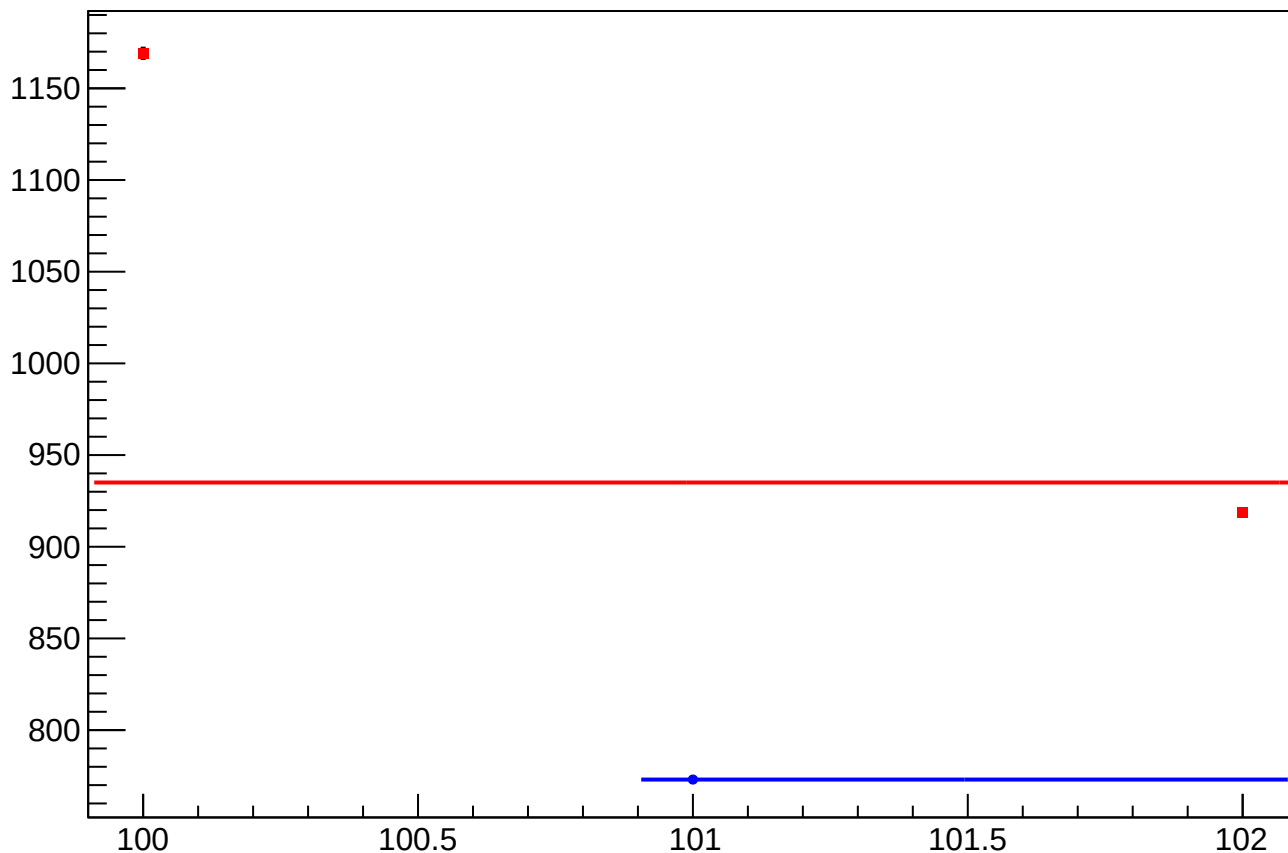
Right: -921.696+/-721.958 χ^2/NDF : 6.0/2

In: -1861.487+/-954.560 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -921.696+/-721.958 χ^2/NDF : 6.0/2

asym_us_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 773.032 $\pm$ 0.675 χ^2 /NDF: 0.0/0

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

Right Out: 935.035 $\pm$ 0.780 χ^2 /NDF: 6208.6/1

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

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

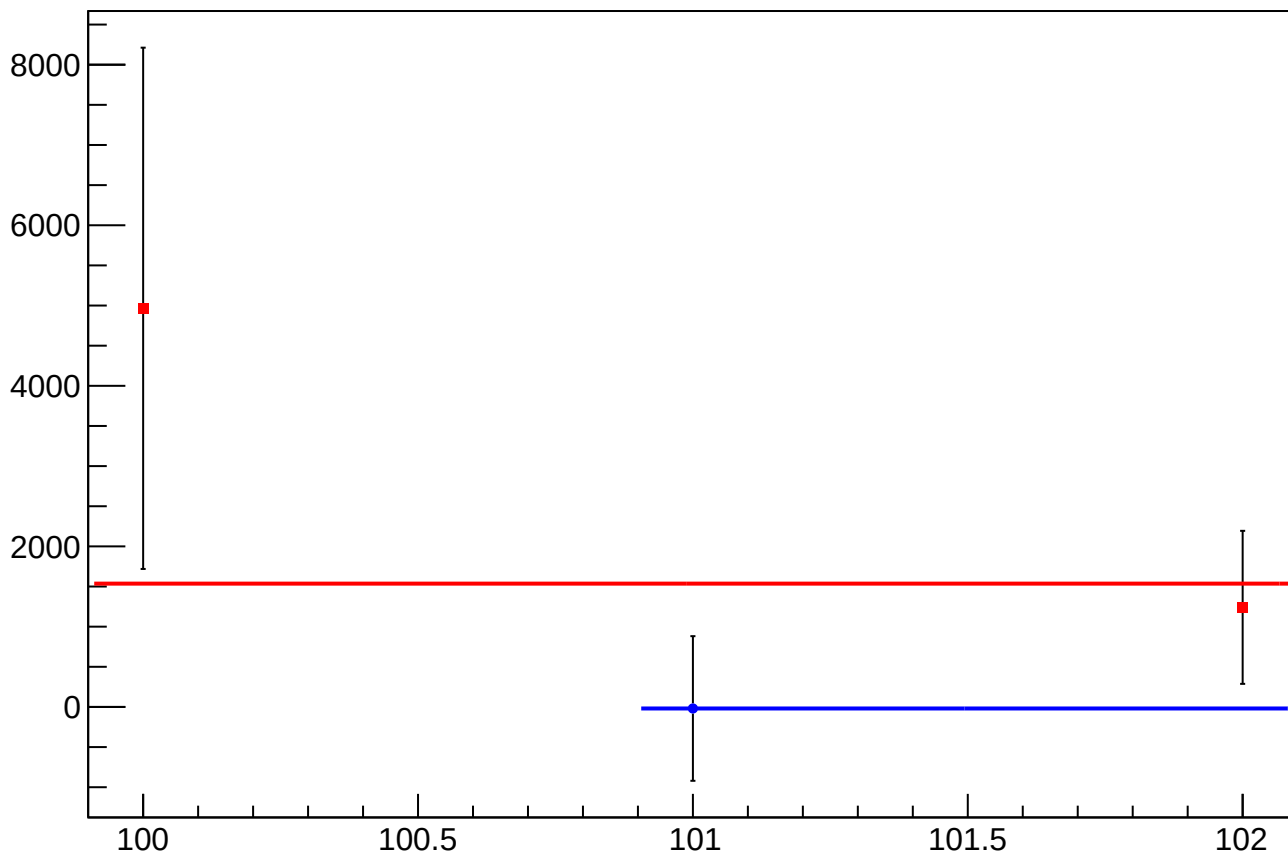
Right: 842.365 $\pm$ 0.511 χ^2 /NDF: 30862.5/2

In: 773.032 $\pm$ 0.675 χ^2 /NDF: 0.0/0

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

All: 842.365 $\pm$ 0.511 χ^2 /NDF: 30862.5/2

overload_cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -19.246+/-900.794 χ^2/NDF : 0.0/0

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

Right Out: 1536.035+/-914.469 χ^2/NDF : 1.2/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

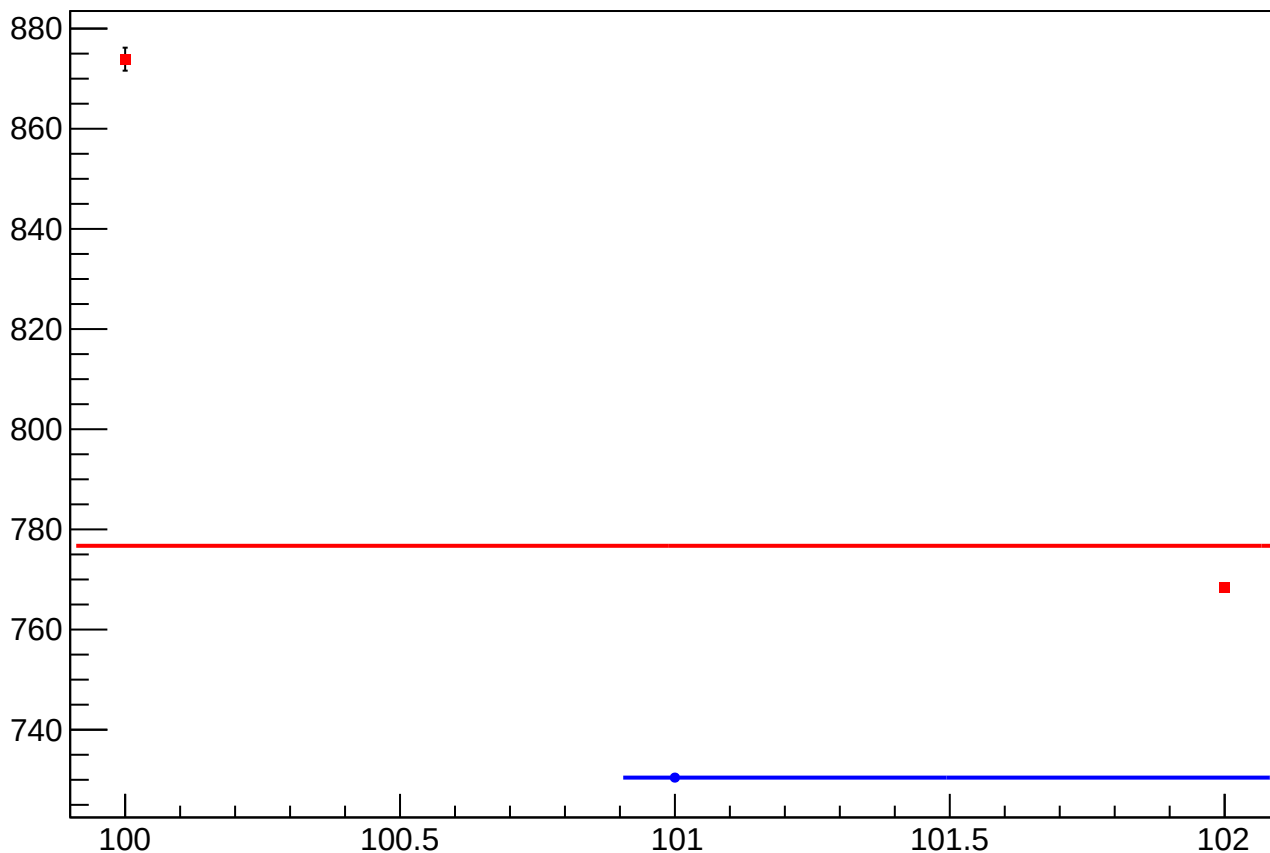
Right: 746.679+/-641.738 χ^2/NDF : 2.7/2

In: -19.246+/-900.794 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 746.679+/-641.738 χ^2/NDF : 2.7/2

overload_cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 730.438+/-0.637 χ^2/NDF : 0.0/0

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

Right Out: 776.725+/-0.647 χ^2/NDF : 1945.7/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

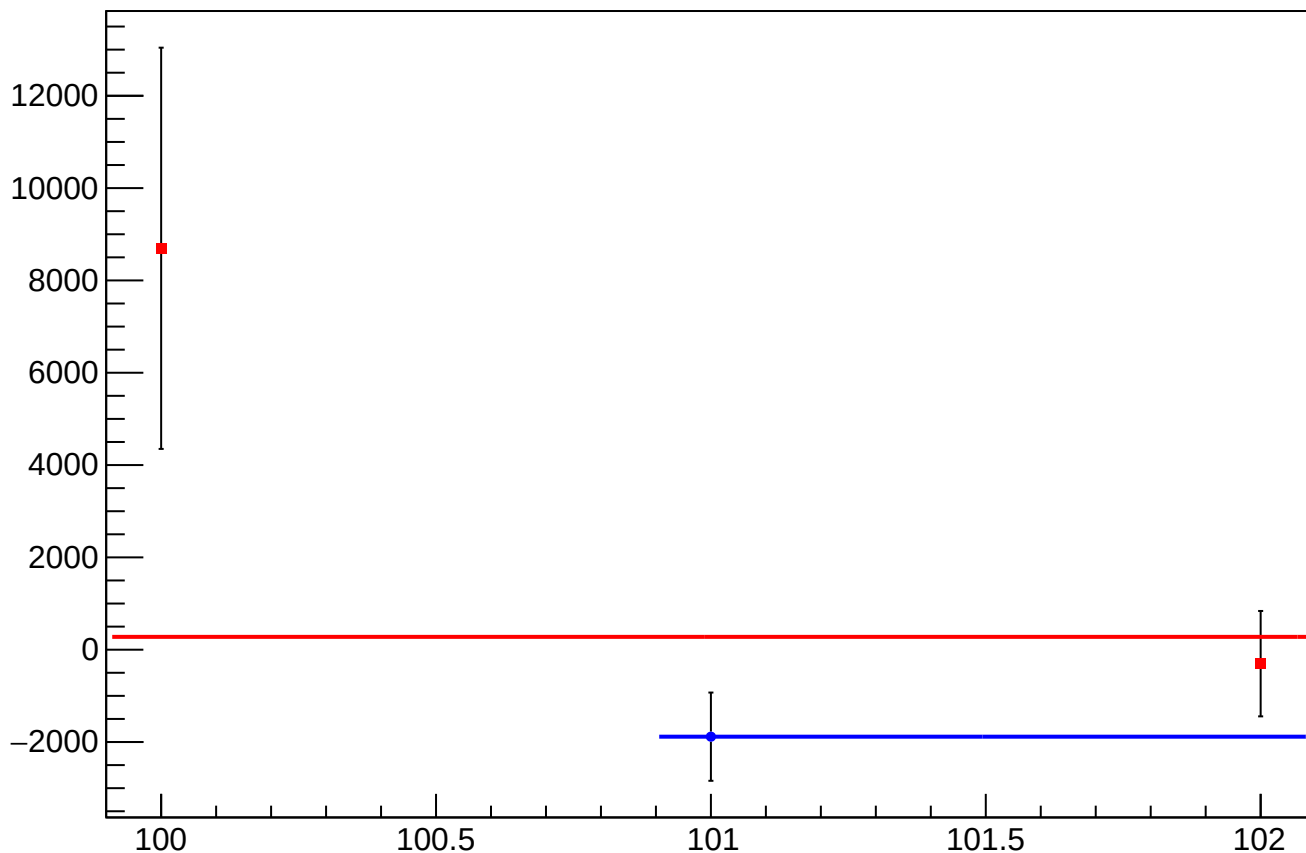
Right: 753.233+/-0.454 χ^2/NDF : 4546.2/2

In: 730.438+/-0.637 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 753.233+/-0.454 χ^2/NDF : 4546.2/2

asym_us_dd_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: -1884.340+/-955.807 χ^2/NDF : 0.0/0

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

Right Out: 278.086+/-1104.148 χ^2/NDF : 4.0/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

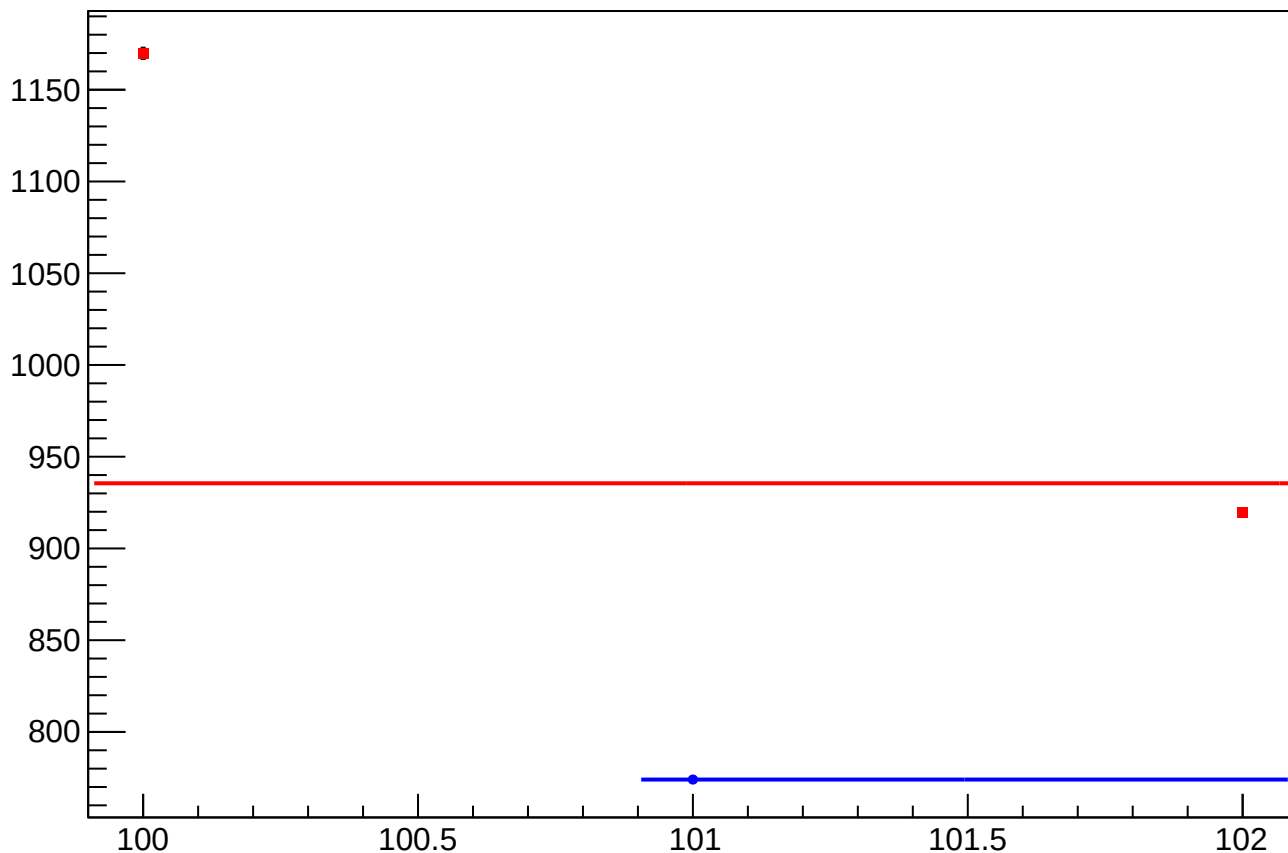
Right: -958.044+/-722.656 χ^2/NDF : 6.2/2

In: -1884.340+/-955.807 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -958.044+/-722.656 χ^2/NDF : 6.2/2

asym_us_dd_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 774.048+/-0.676 χ^2/NDF : 0.0/0

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

Right Out: 935.516+/-0.781 χ^2/NDF : 6214.9/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

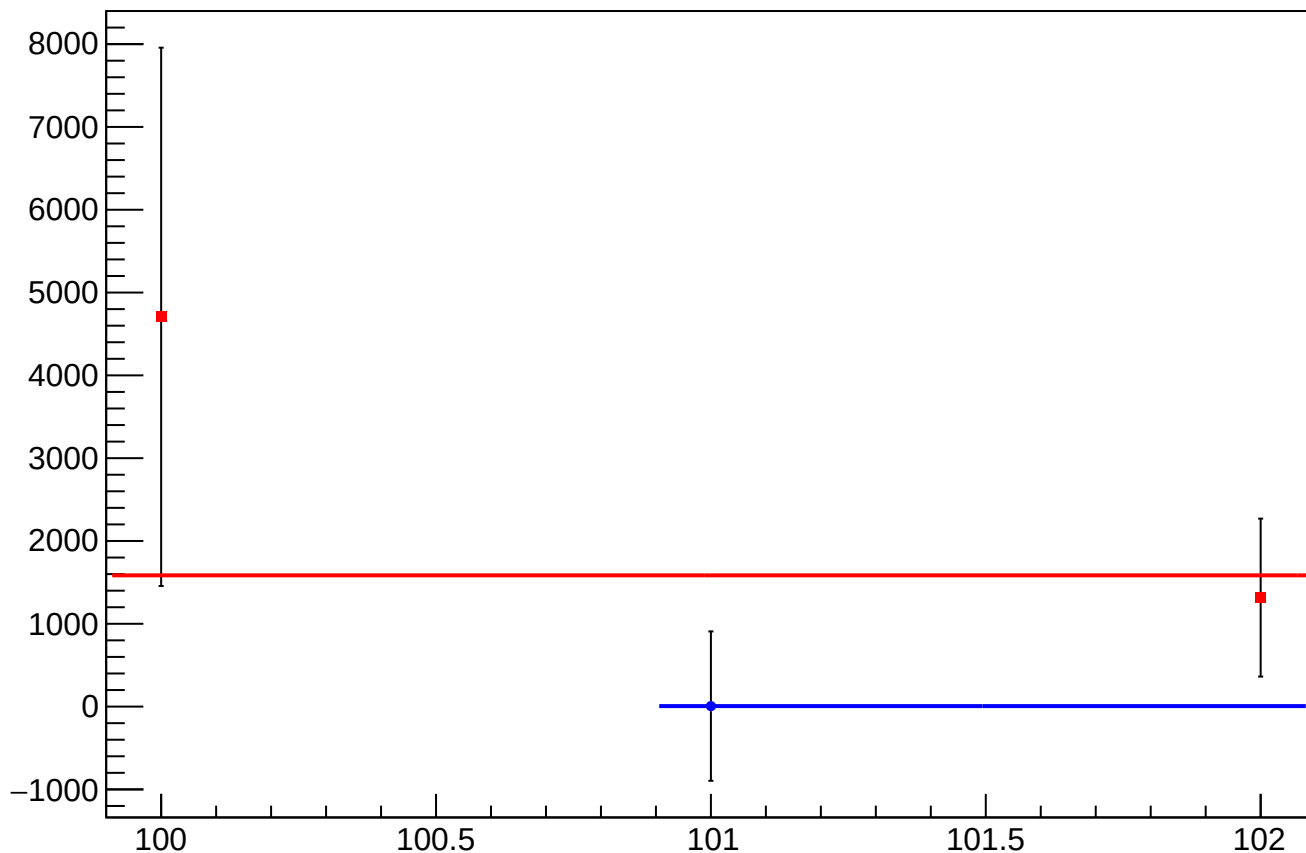
Right: 843.215+/-0.511 χ^2/NDF : 30664.3/2

In: 774.048+/-0.676 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 843.215+/-0.511 χ^2/NDF : 30664.3/2

eigen_cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: 6.019+/-902.083 χ^2/NDF : 0.0/0

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

Right Out: 1585.063+/-915.147 χ^2/NDF : 1.0/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

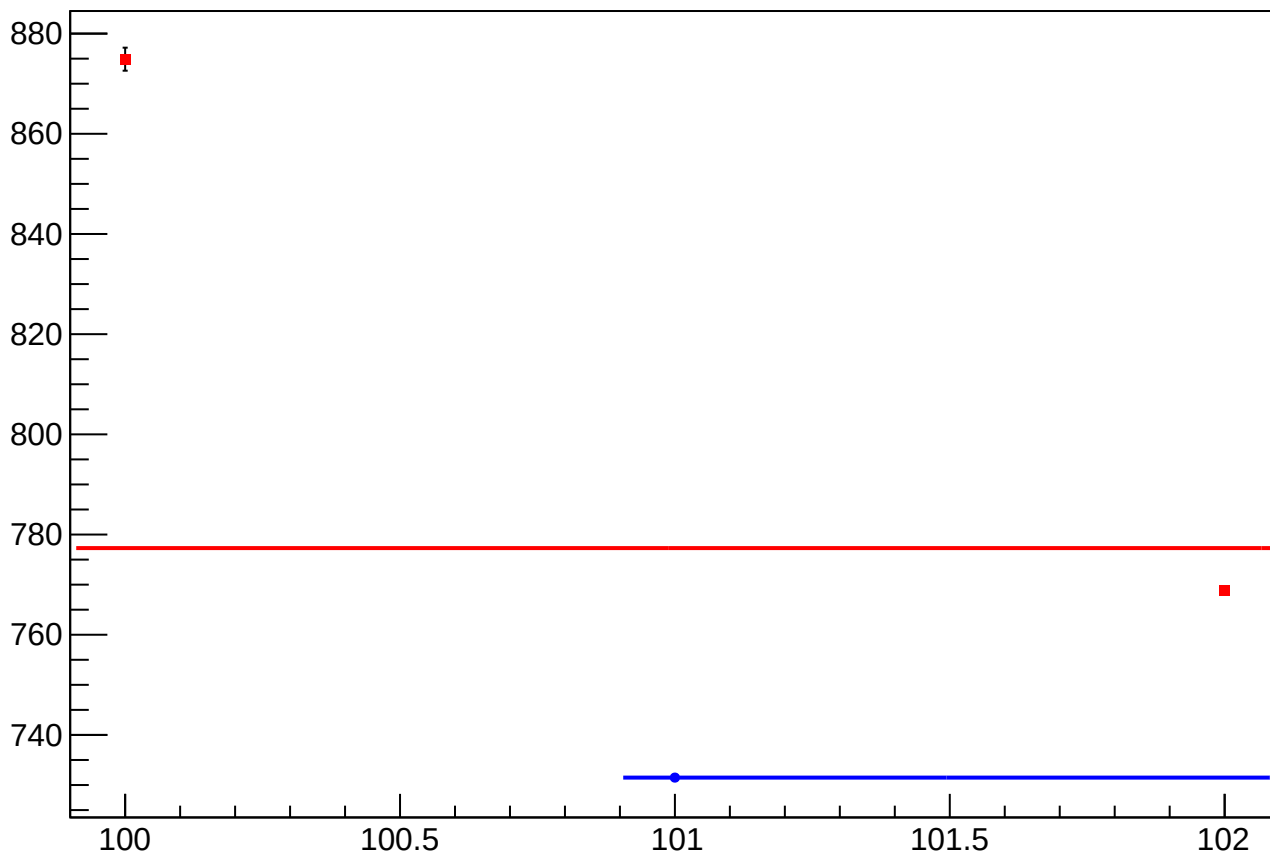
Right: 784.190+/-642.438 χ^2/NDF : 2.5/2

In: 6.019+/-902.083 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 784.190+/-642.438 χ^2/NDF : 2.5/2

eigen_cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 731.482 $\pm$ 0.638 χ^2 /NDF: 0.0/0

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

Right Out: 777.297 $\pm$ 0.647 χ^2 /NDF: 1958.2/1

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

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

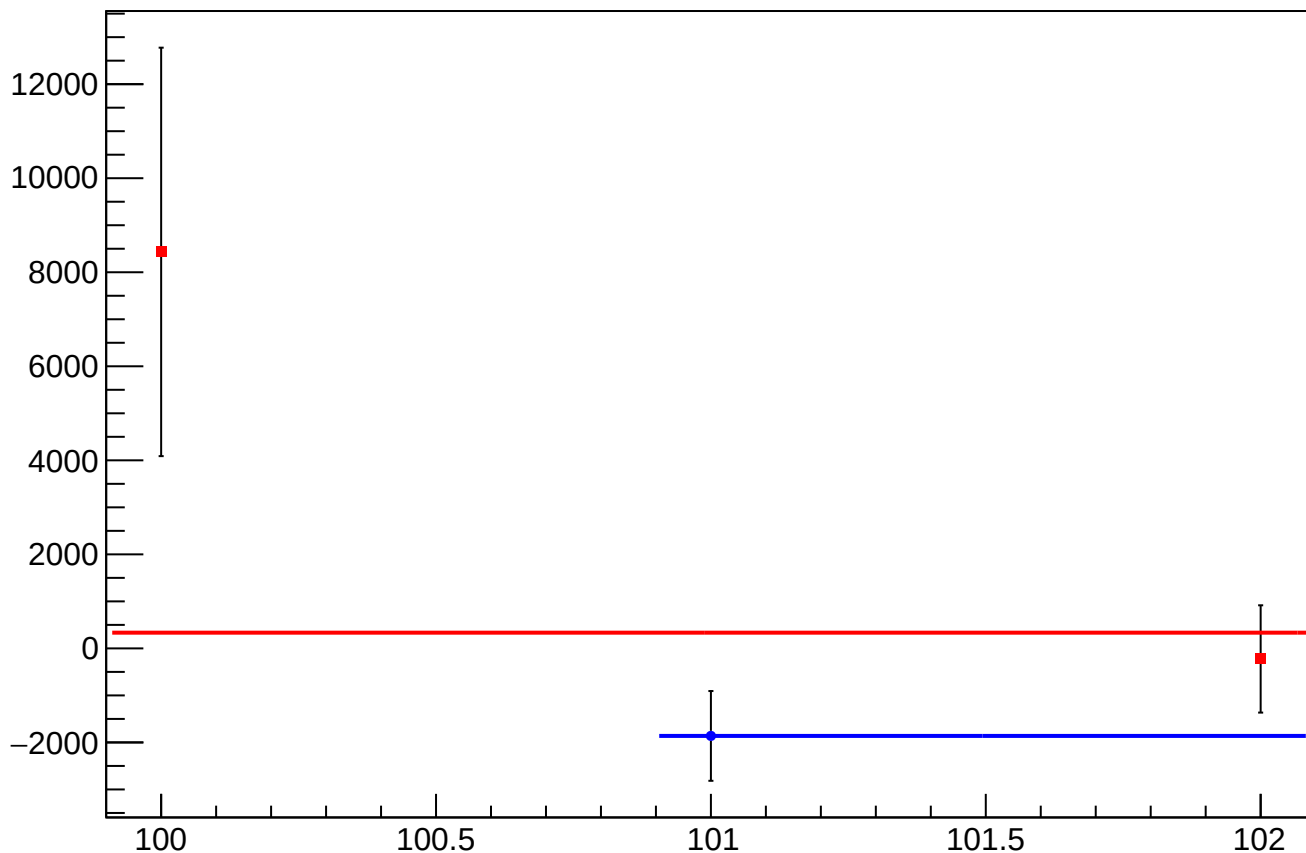
Right: 754.060 $\pm$ 0.454 χ^2 /NDF: 4500.6/2

In: 731.482 $\pm$ 0.638 χ^2 /NDF: 0.0/0

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

All: 754.060 $\pm$ 0.454 χ^2 /NDF: 4500.6/2

asym_us_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1861.487+/-954.560 χ^2/NDF : 0.0/0

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

Right Out: 334.434+/-1103.583 χ^2/NDF : 3.7/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

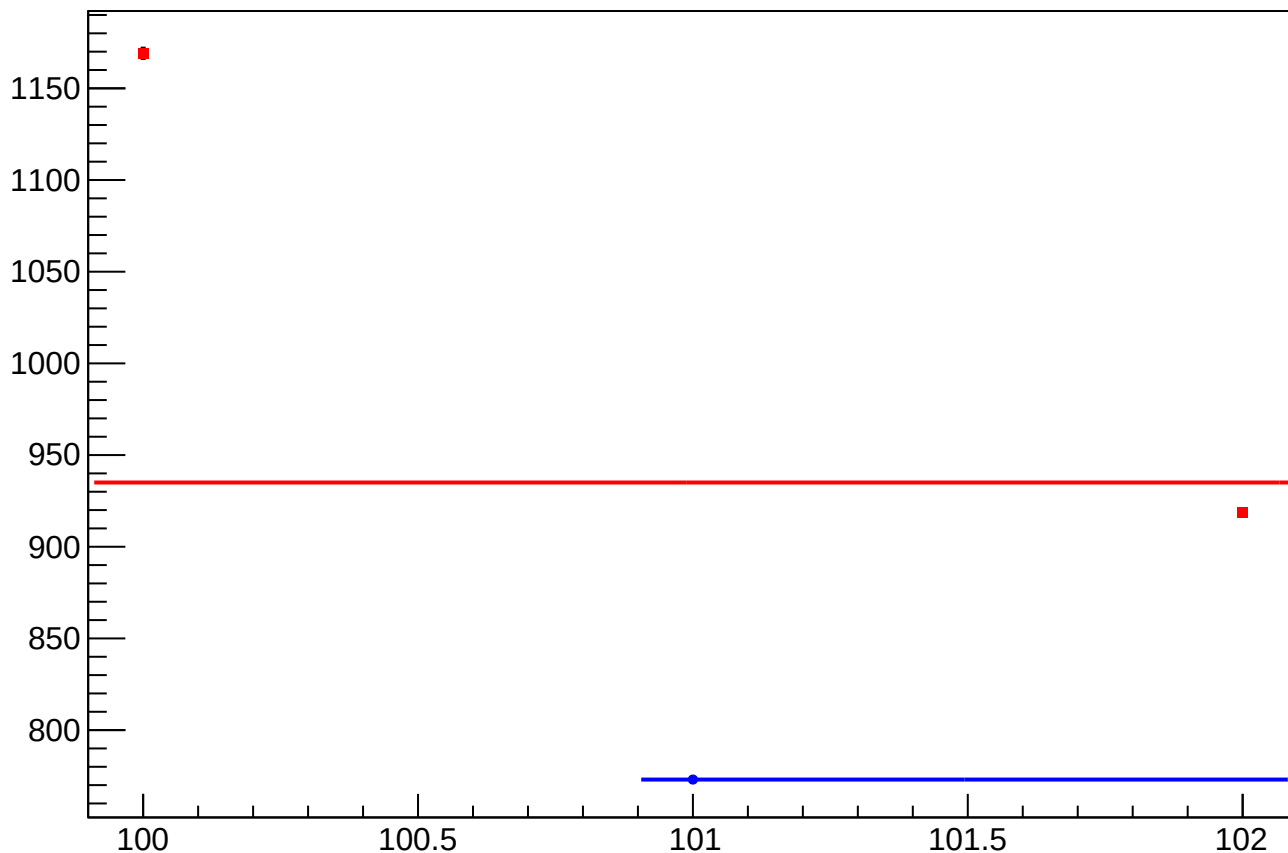
Right: -921.696+/-721.958 χ^2/NDF : 6.0/2

In: -1861.487+/-954.560 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -921.696+/-721.958 χ^2/NDF : 6.0/2

asym_us_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 773.032 $\pm$ 0.675 χ^2 /NDF: 0.0/0

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

Right Out: 935.035 $\pm$ 0.780 χ^2 /NDF: 6208.6/1

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

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

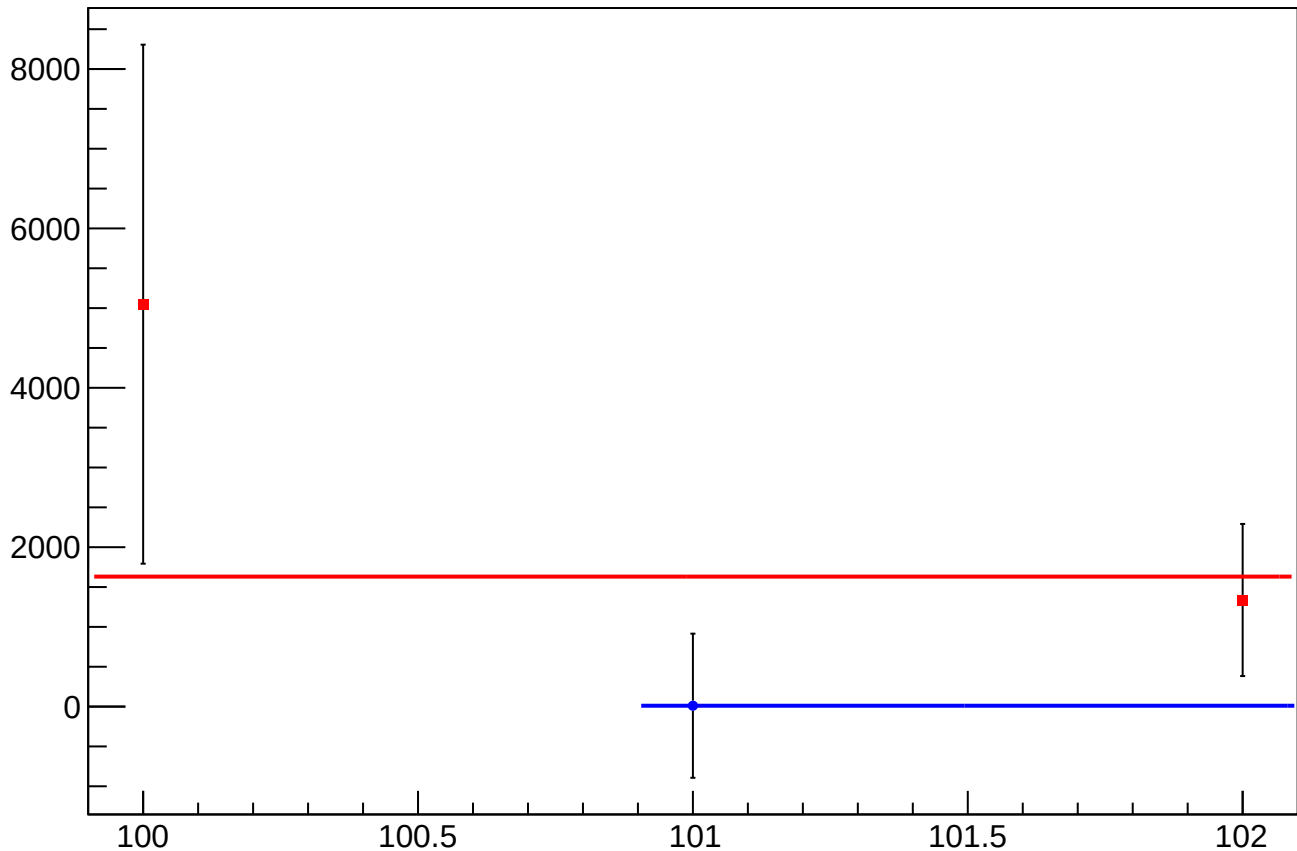
Right: 842.365 $\pm$ 0.511 χ^2 /NDF: 30862.5/2

In: 773.032 $\pm$ 0.675 χ^2 /NDF: 0.0/0

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

All: 842.365 $\pm$ 0.511 χ^2 /NDF: 30862.5/2

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: 10.731+/-904.287 χ^2/NDF : 0.0/0

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

Right Out: 1631.132+/-915.917 χ^2/NDF : 1.2/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

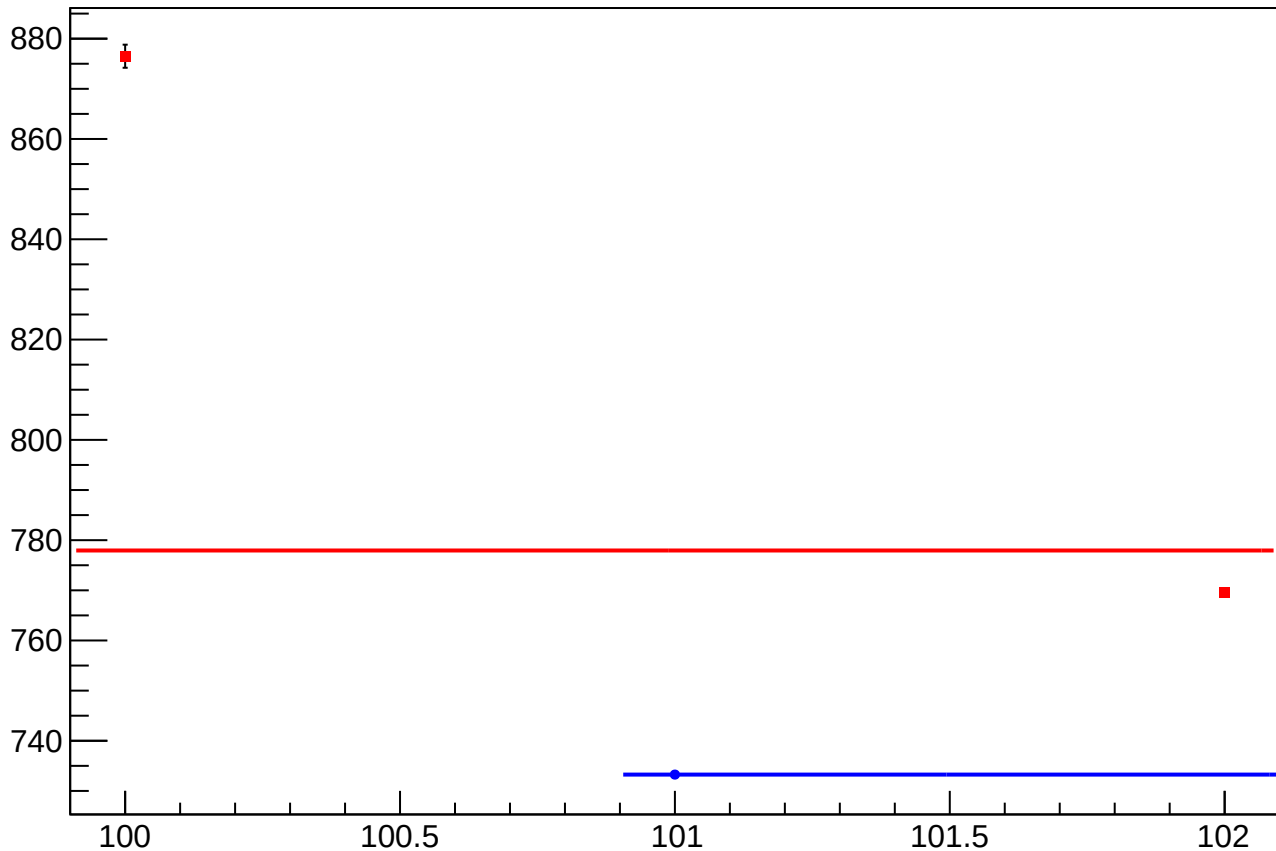
Right: 810.579+/-643.500 χ^2/NDF : 2.8/2

In: 10.731+/-904.287 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 810.579+/-643.500 χ^2/NDF : 2.8/2

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 733.258+/-0.639 χ^2/NDF : 0.0/0

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

Right Out: 777.943+/-0.648 χ^2/NDF : 1989.4/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

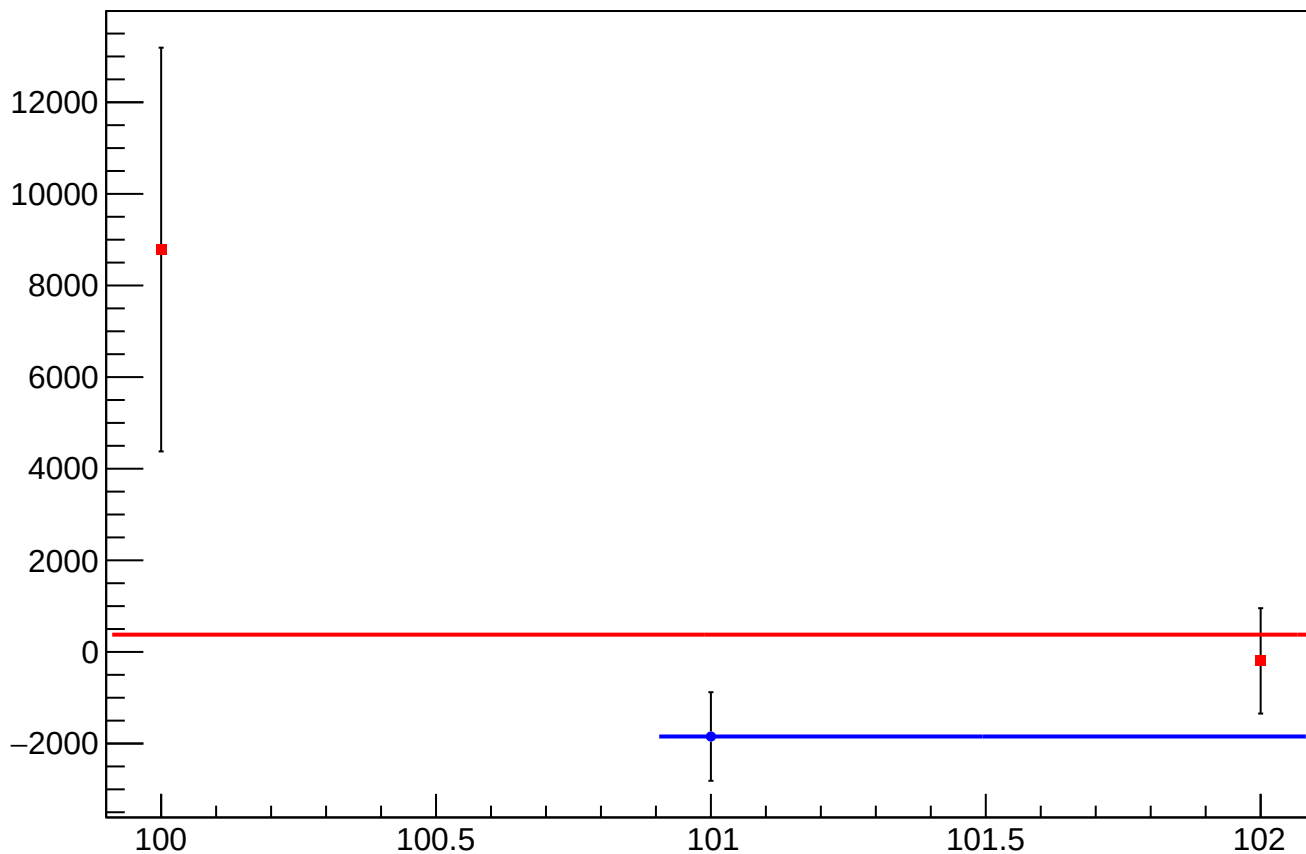
Right: 755.315+/-0.455 χ^2/NDF : 4400.0/2

In: 733.258+/-0.639 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 755.315+/-0.455 χ^2/NDF : 4400.0/2

asym_us_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -1846.420+/-967.051 χ^2/NDF : 0.0/0

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

Right Out: 377.282+/-1112.880 χ^2/NDF : 3.9/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

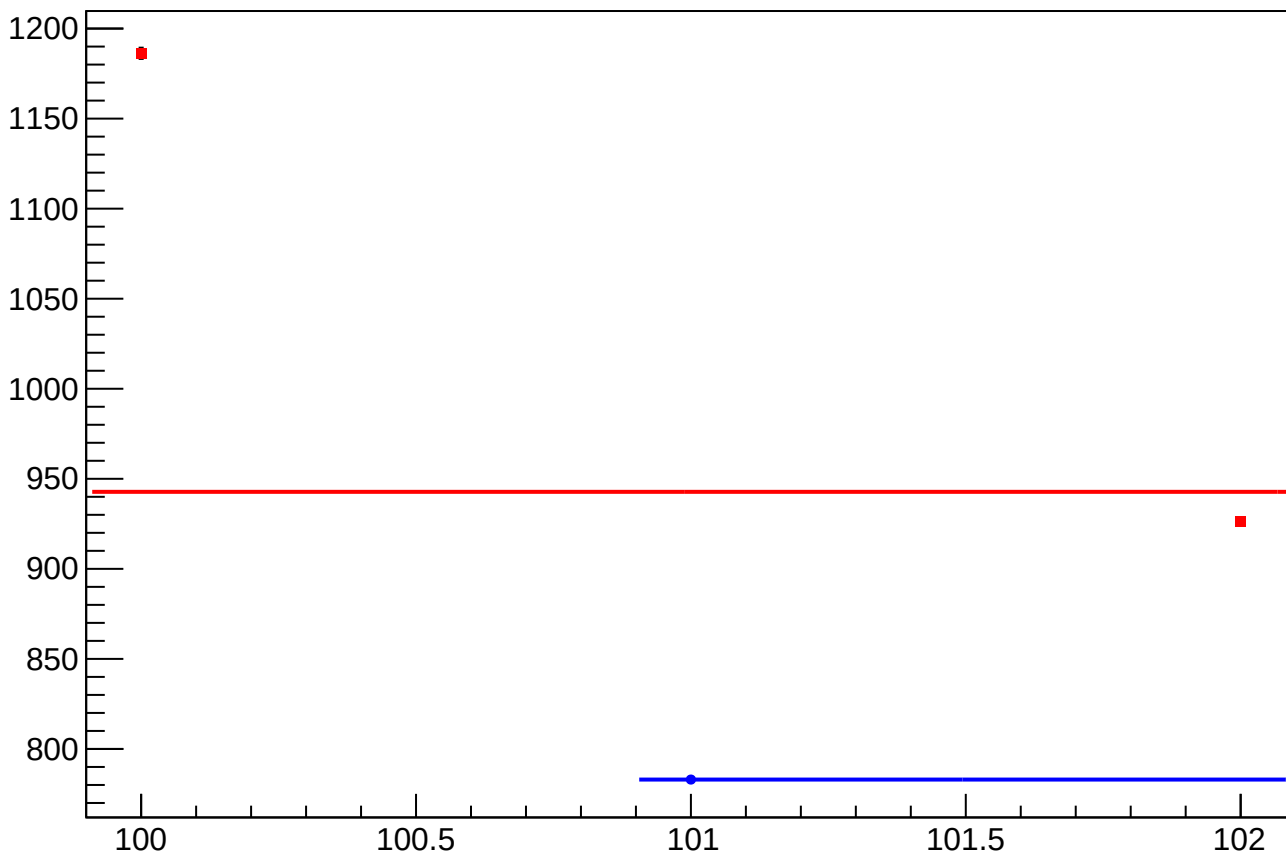
Right: -889.715+/-729.960 χ^2/NDF : 6.2/2

In: -1846.420+/-967.051 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -889.715+/-729.960 χ^2/NDF : 6.2/2

asym_us_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 782.996 $\pm$ 0.684 χ^2 /NDF: 0.0/0

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

Right Out: 942.762 $\pm$ 0.787 χ^2 /NDF: 6521.5/1

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

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

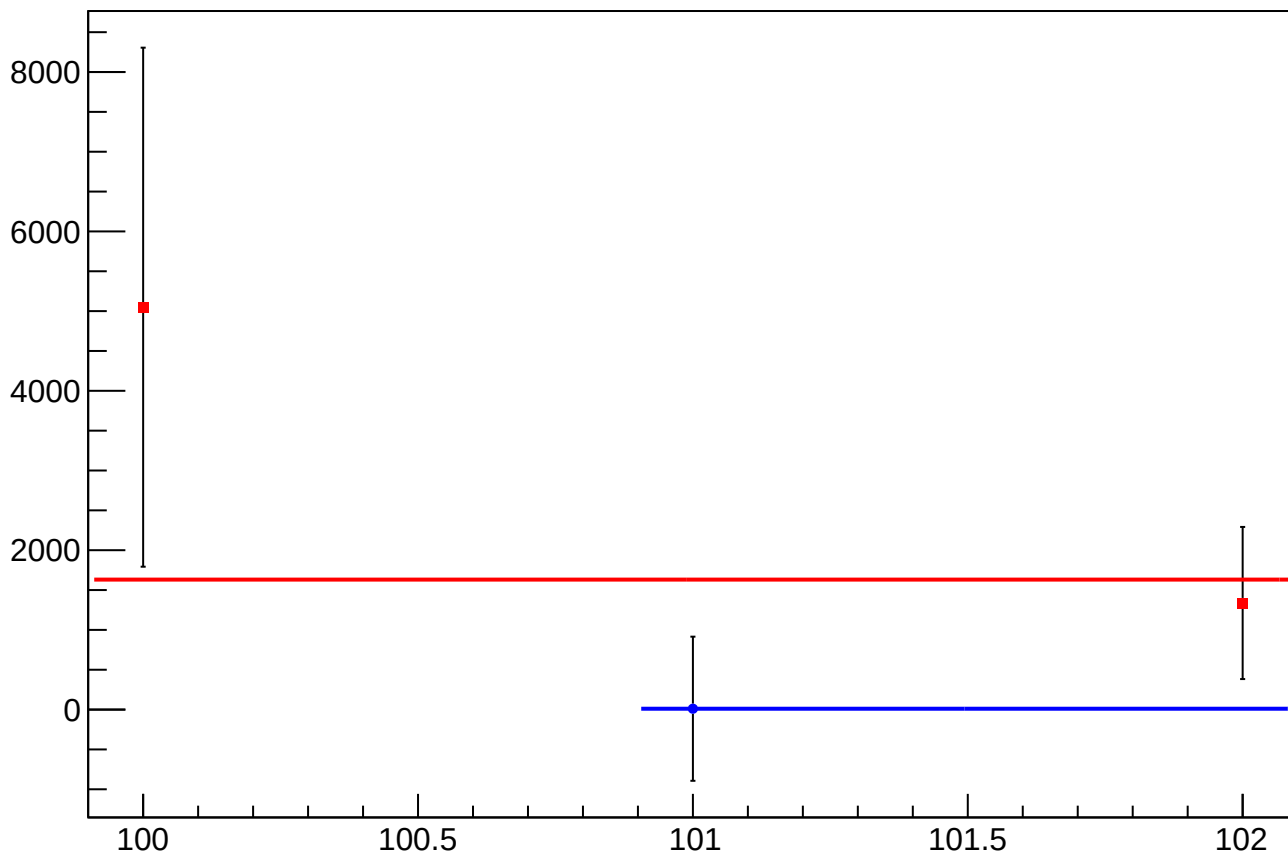
Right: 851.733 $\pm$ 0.516 χ^2 /NDF: 30007.1/2

In: 782.996 $\pm$ 0.684 χ^2 /NDF: 0.0/0

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

All: 851.733 $\pm$ 0.516 χ^2 /NDF: 30007.1/2

eigen_dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: 10.733 $\pm$ 904.287 χ^2/NDF : 0.0/0

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

Right Out: 1631.131 $\pm$ 915.917 χ^2/NDF : 1.2/1

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

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

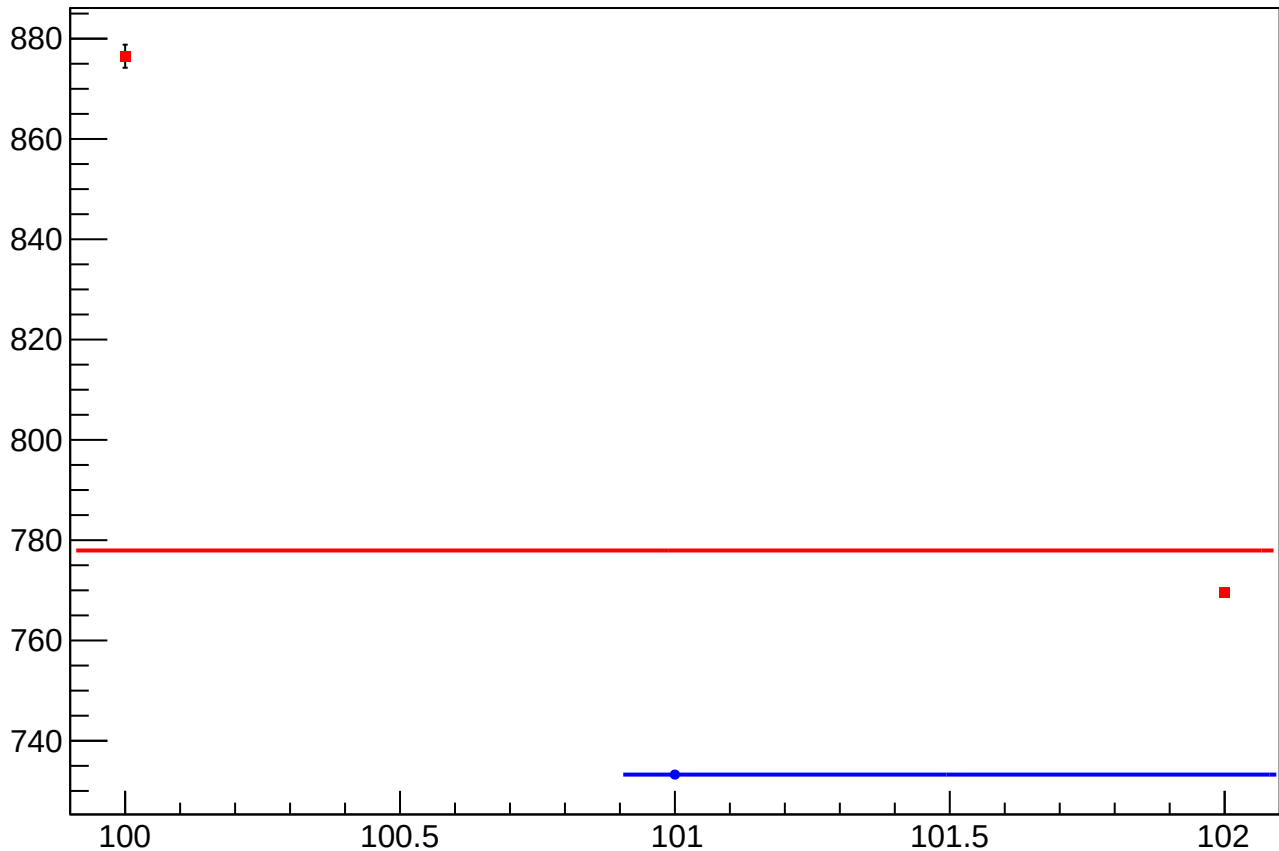
Right: 810.579 $\pm$ 643.500 χ^2/NDF : 2.8/2

In: 10.733 $\pm$ 904.287 χ^2/NDF : 0.0/0

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

All: 810.579 $\pm$ 643.500 χ^2/NDF : 2.8/2

eigen_dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 733.258+/-0.639 χ^2/NDF : 0.0/0

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

Right Out: 777.943+/-0.648 χ^2/NDF : 1989.4/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

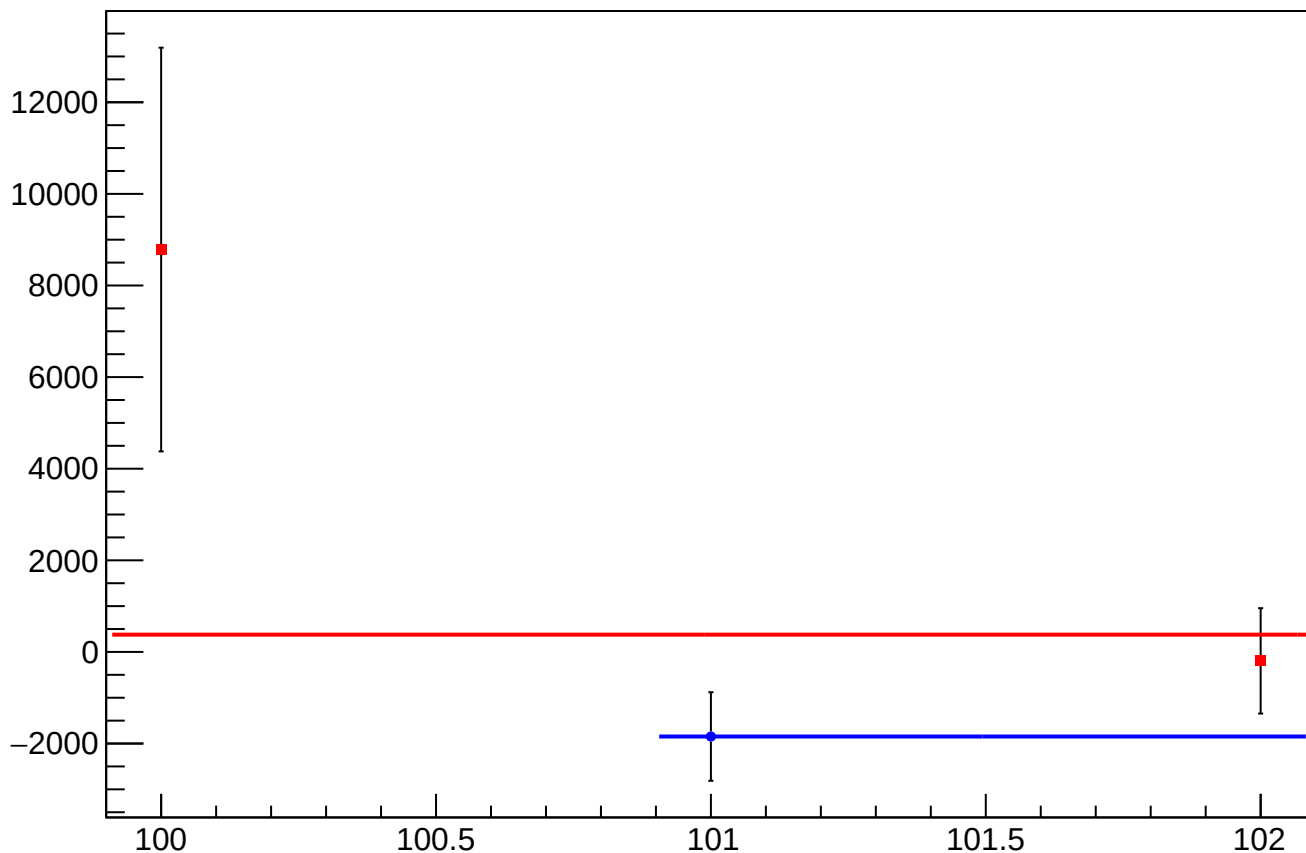
Right: 755.315+/-0.455 χ^2/NDF : 4400.0/2

In: 733.258+/-0.639 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 755.315+/-0.455 χ^2/NDF : 4400.0/2

asym_us_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1846.420+/-967.051 χ^2/NDF : 0.0/0

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

Right Out: 377.286+/-1112.884 χ^2/NDF : 3.9/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

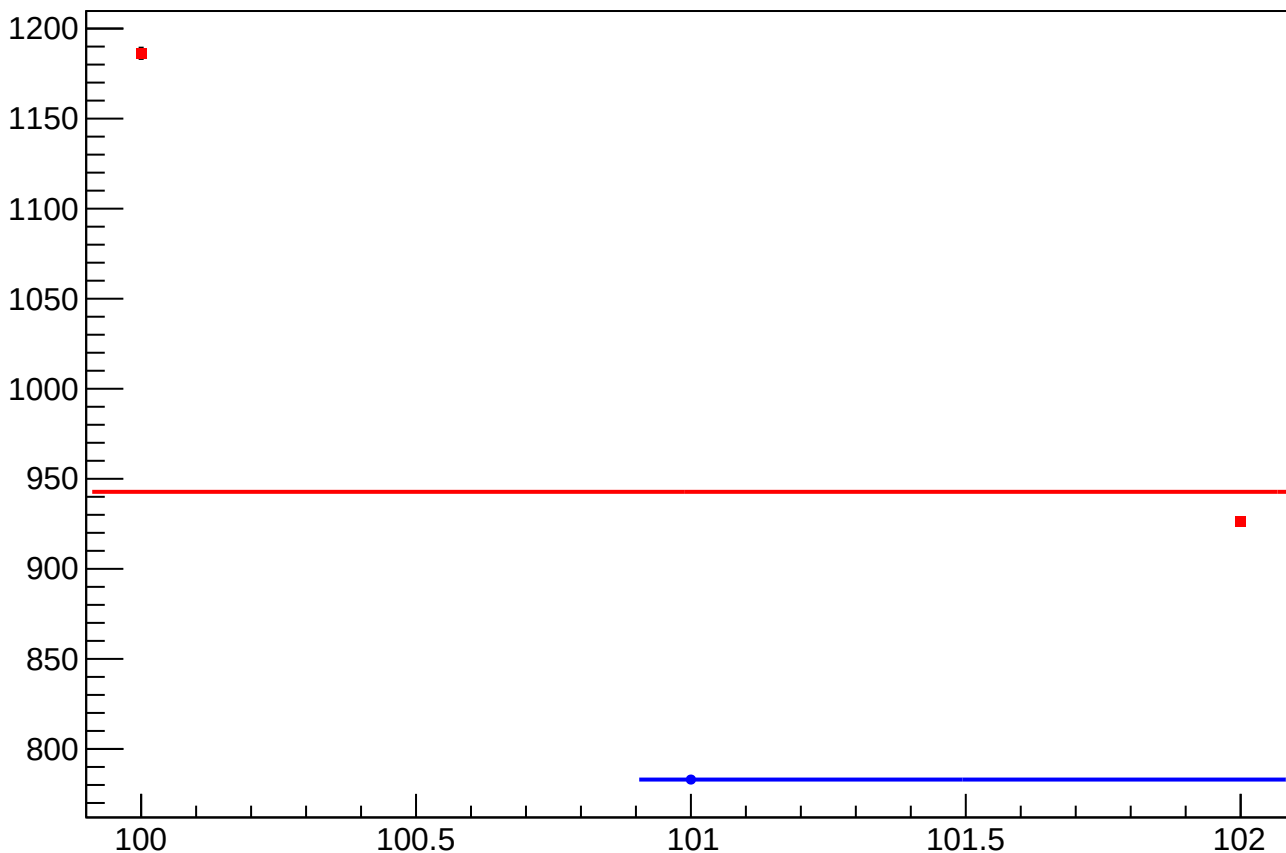
Right: -889.718+/-729.961 χ^2/NDF : 6.2/2

In: -1846.420+/-967.051 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -889.718+/-729.961 χ^2/NDF : 6.2/2

asym_us_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 782.996 $\pm$ 0.684 χ^2 /NDF: 0.0/0

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

Right Out: 942.766 $\pm$ 0.787 χ^2 /NDF: 6521.3/1

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

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

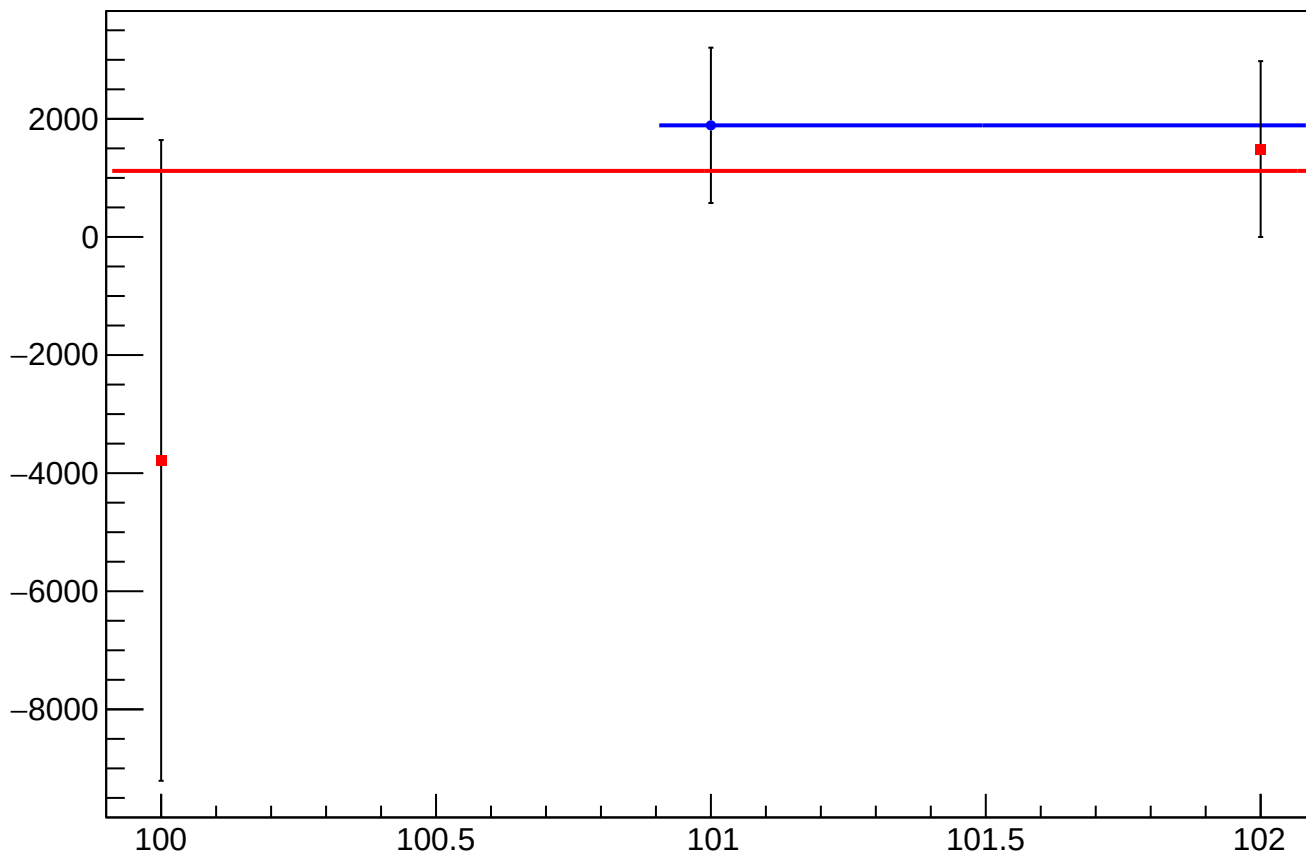
Right: 851.734 $\pm$ 0.516 χ^2 /NDF: 30008.0/2

In: 782.996 $\pm$ 0.684 χ^2 /NDF: 0.0/0

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

All: 851.734 $\pm$ 0.516 χ^2 /NDF: 30008.0/2

asym_us_dd_mean vs Slug, Sign Corrected



Right In: 1889.963+/-1315.639 χ^2/NDF : 0.0/0

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

Right Out: 1118.867+/-1435.888 χ^2/NDF : 0.9/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

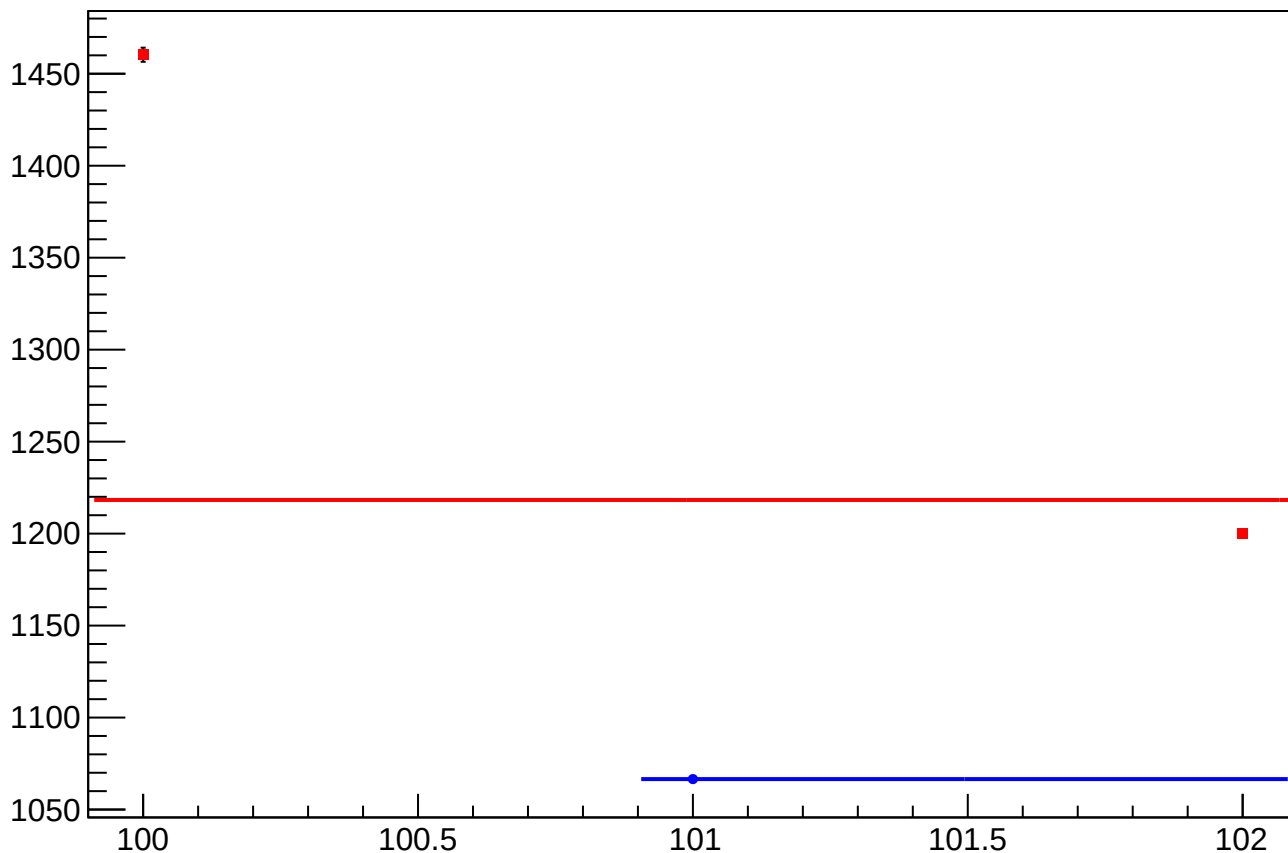
Right: 1538.050+/-970.028 χ^2/NDF : 1.0/2

In: 1889.963+/-1315.639 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1538.050+/-970.028 χ^2/NDF : 1.0/2

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1066.556 $\pm$ 0.930 χ^2 /NDF: 0.0/0

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

Right Out: 1218.290 $\pm$ 1.015 χ^2 /NDF: 4280.2/1

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

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

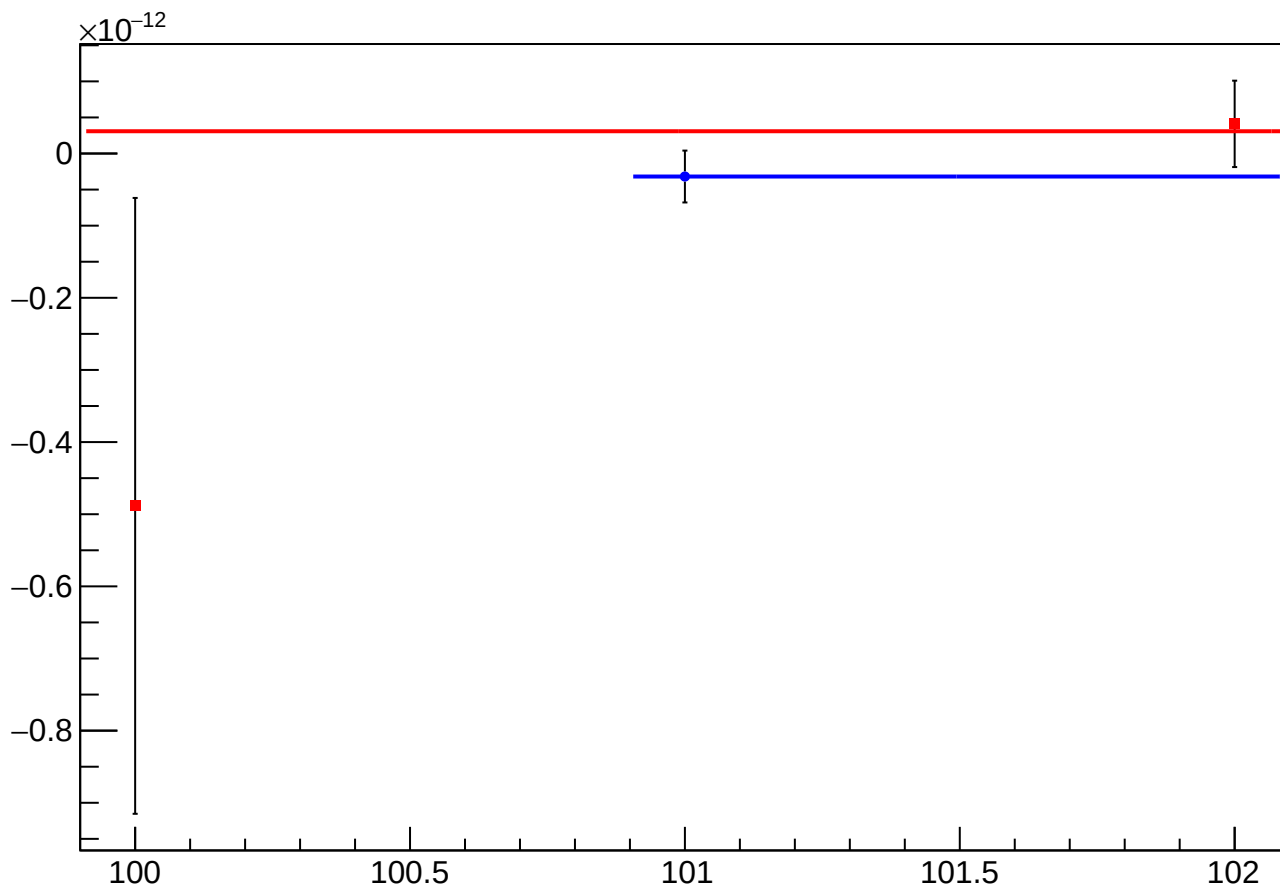
Right: 1135.804 $\pm$ 0.686 χ^2 /NDF: 16421.1/2

In: 1066.556 $\pm$ 0.930 χ^2 /NDF: 0.0/0

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

All: 1135.804 $\pm$ 0.686 χ^2 /NDF: 16421.1/2

asym_us_dd_reg_vs_cor_diff_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 : 1.5/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

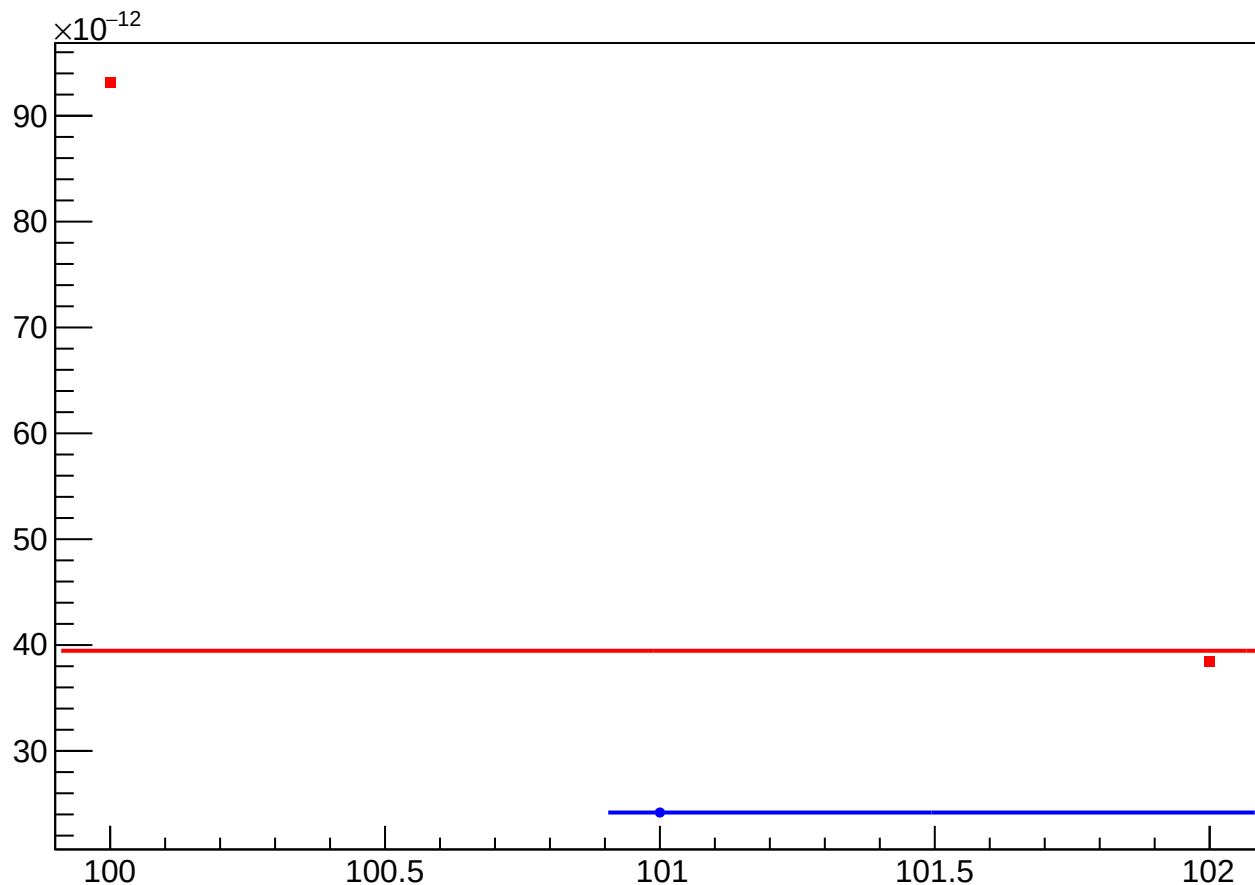
Right: -0.000+/-0.000 χ^2/NDF : 2.3/2

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 : 2.3/2

asym_us_dd_reg_vs_cor_diff_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 : 32211.7/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

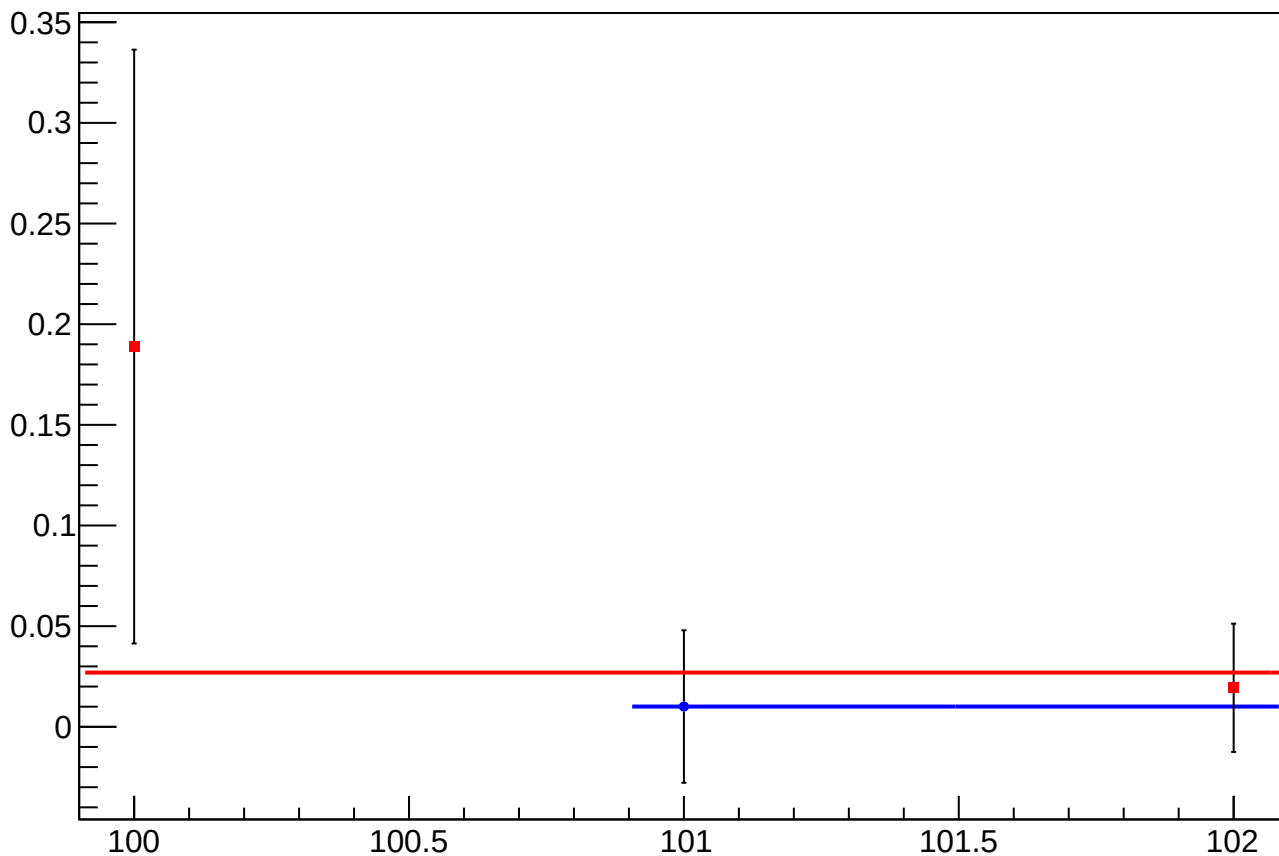
Right: 0.000+/-0.000 χ^2/NDF : 129343.9/2

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 : 129343.9/2

asym_us_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.038 χ^2 /NDF: 0.0/0

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

Right Out: 0.027 $\pm$ 0.031 χ^2 /NDF: 1.3/1

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

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

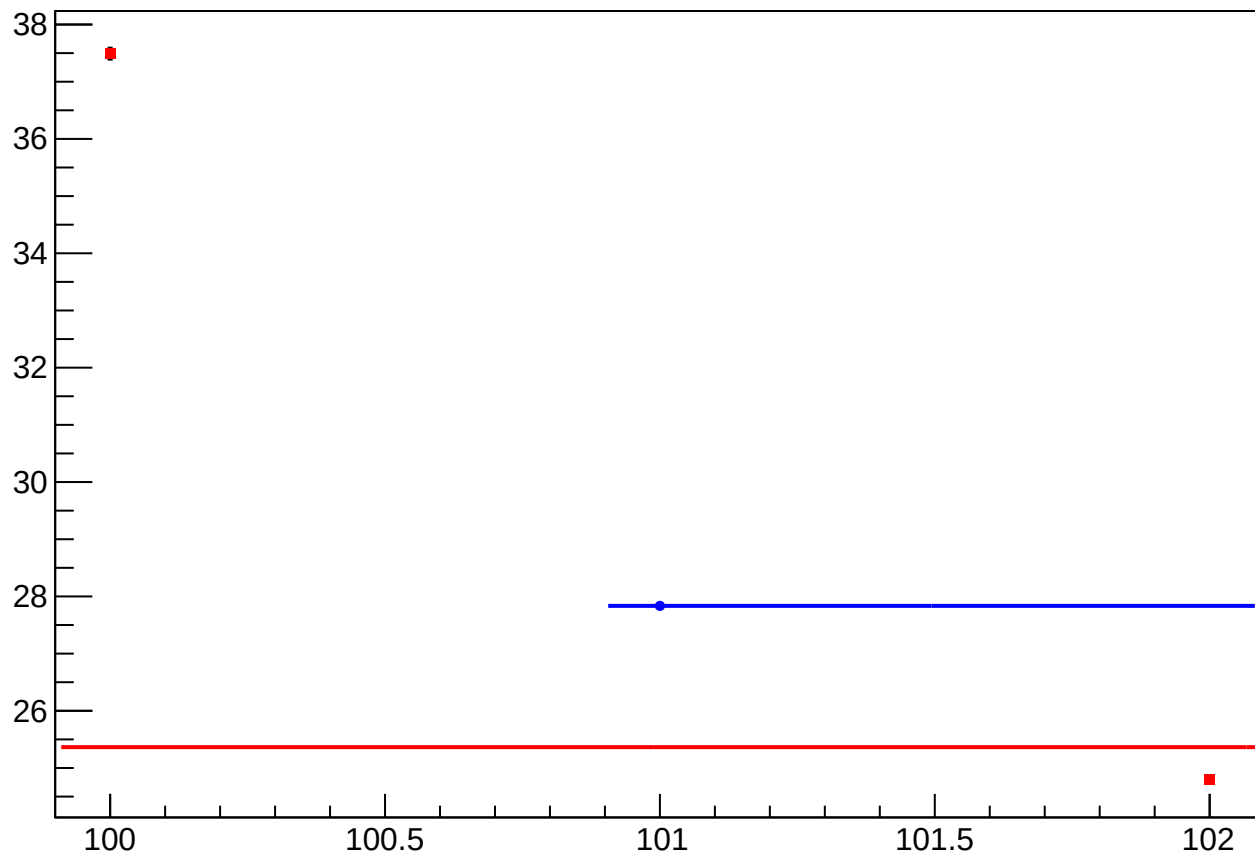
Right: 0.020 $\pm$ 0.024 χ^2 /NDF: 1.4/2

In: 0.010 $\pm$ 0.038 χ^2 /NDF: 0.0/0

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

All: 0.020 $\pm$ 0.024 χ^2 /NDF: 1.4/2

asym_us_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.835 $\pm$ 0.027 χ^2 /NDF: 0.0/0

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

Right Out: 25.365 $\pm$ 0.022 χ^2 /NDF: 14153.3/1

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

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

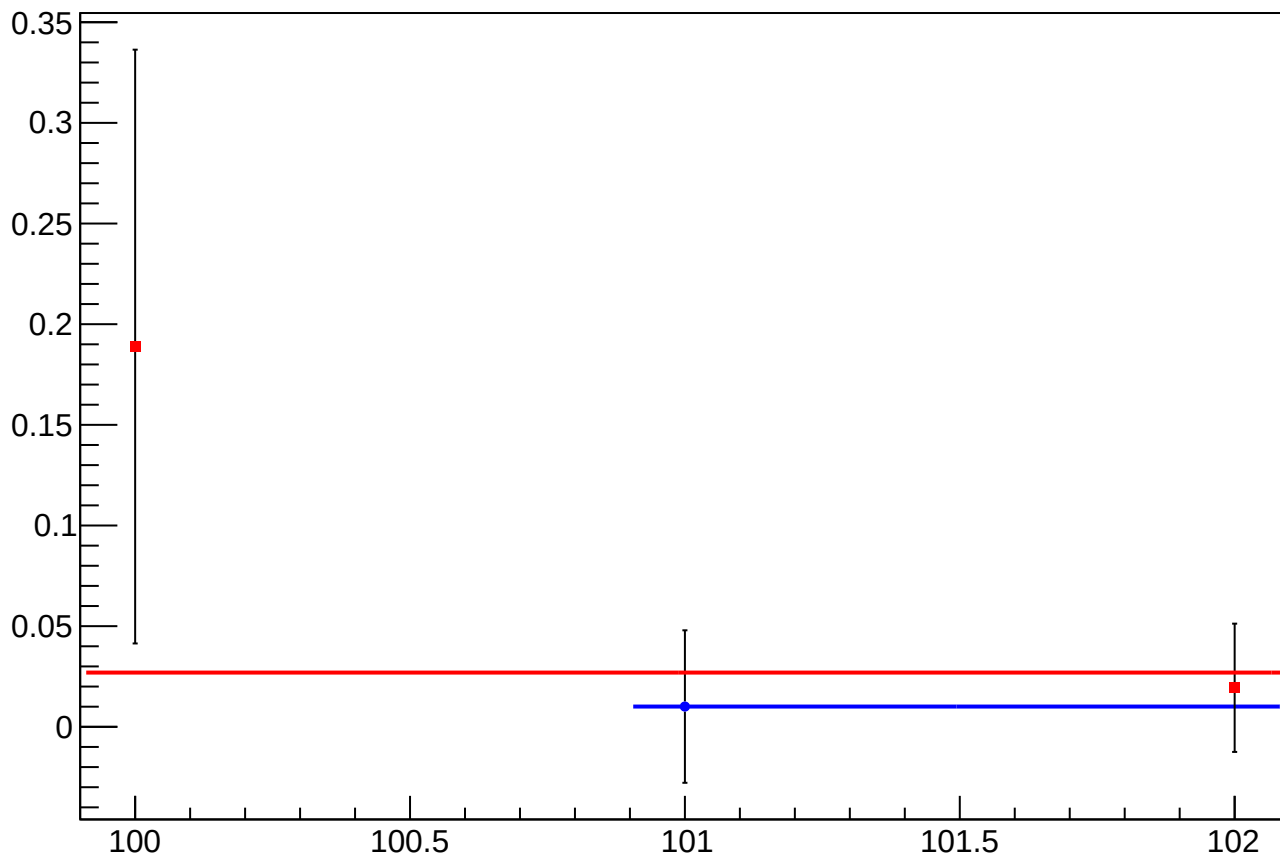
Right: 26.361 $\pm$ 0.017 χ^2 /NDF: 19229.2/2

In: 27.835 $\pm$ 0.027 χ^2 /NDF: 0.0/0

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

All: 26.361 $\pm$ 0.017 χ^2 /NDF: 19229.2/2

asym_us_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.038 χ^2 /NDF: 0.0/0

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

Right Out: 0.027 $\pm$ 0.031 χ^2 /NDF: 1.3/1

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

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

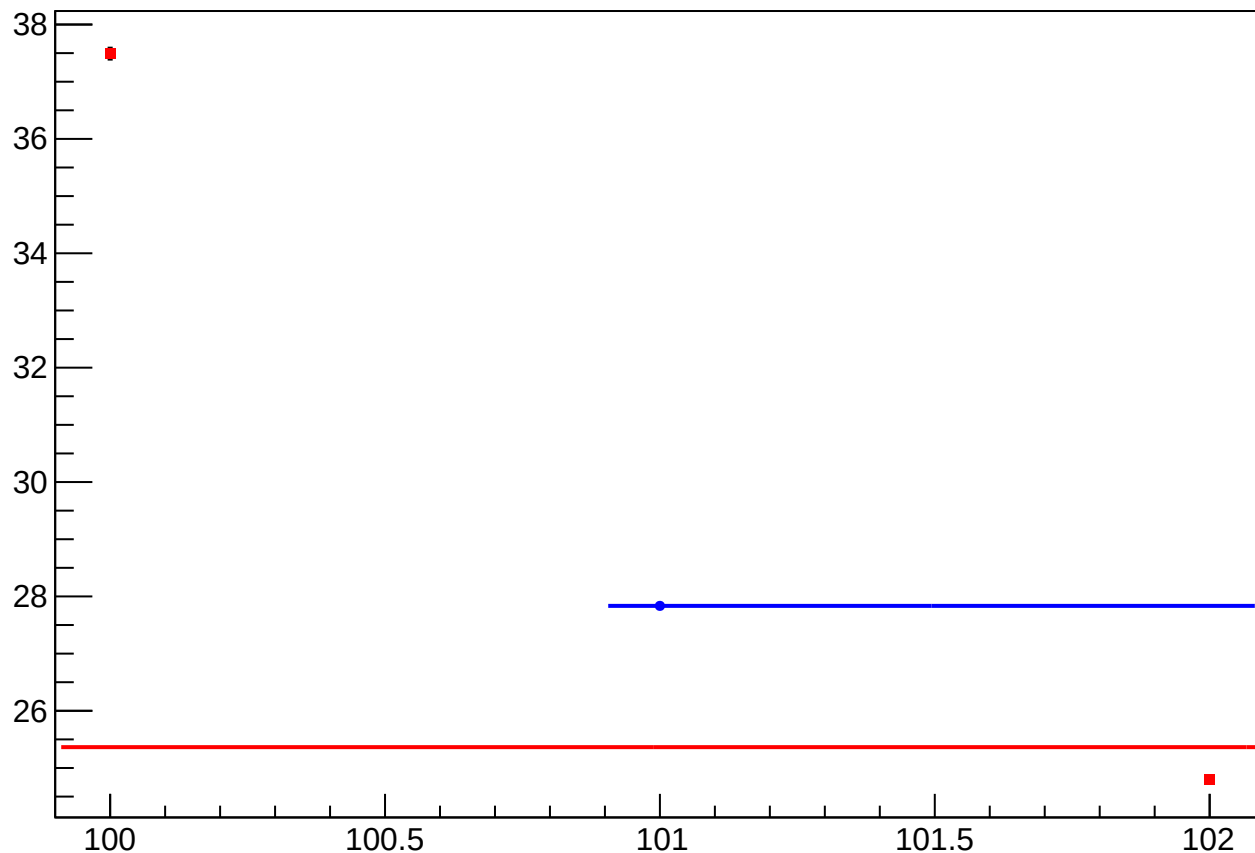
Right: 0.020 $\pm$ 0.024 χ^2 /NDF: 1.4/2

In: 0.010 $\pm$ 0.038 χ^2 /NDF: 0.0/0

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

All: 0.020 $\pm$ 0.024 χ^2 /NDF: 1.4/2

asym_us_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.835 $\pm$ 0.027 χ^2 /NDF: 0.0/0

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

Right Out: 25.365 $\pm$ 0.022 χ^2 /NDF: 14153.3/1

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

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

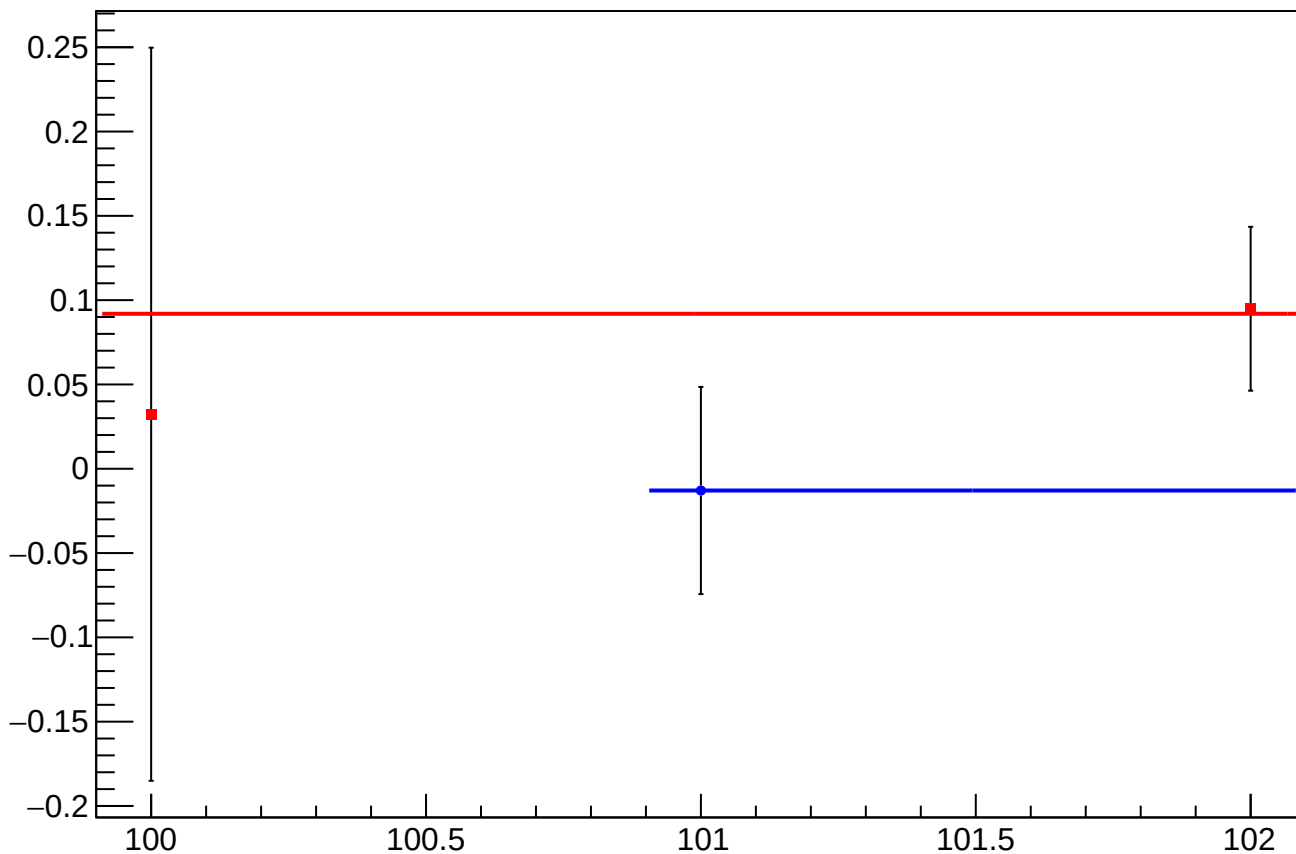
Right: 26.361 $\pm$ 0.017 χ^2 /NDF: 19229.2/2

In: 27.835 $\pm$ 0.027 χ^2 /NDF: 0.0/0

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

All: 26.361 $\pm$ 0.017 χ^2 /NDF: 19229.2/2

asym_us_dd_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013+/-0.061 χ^2/NDF : 0.0/0

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

Right Out: 0.092+/-0.047 χ^2/NDF : 0.1/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

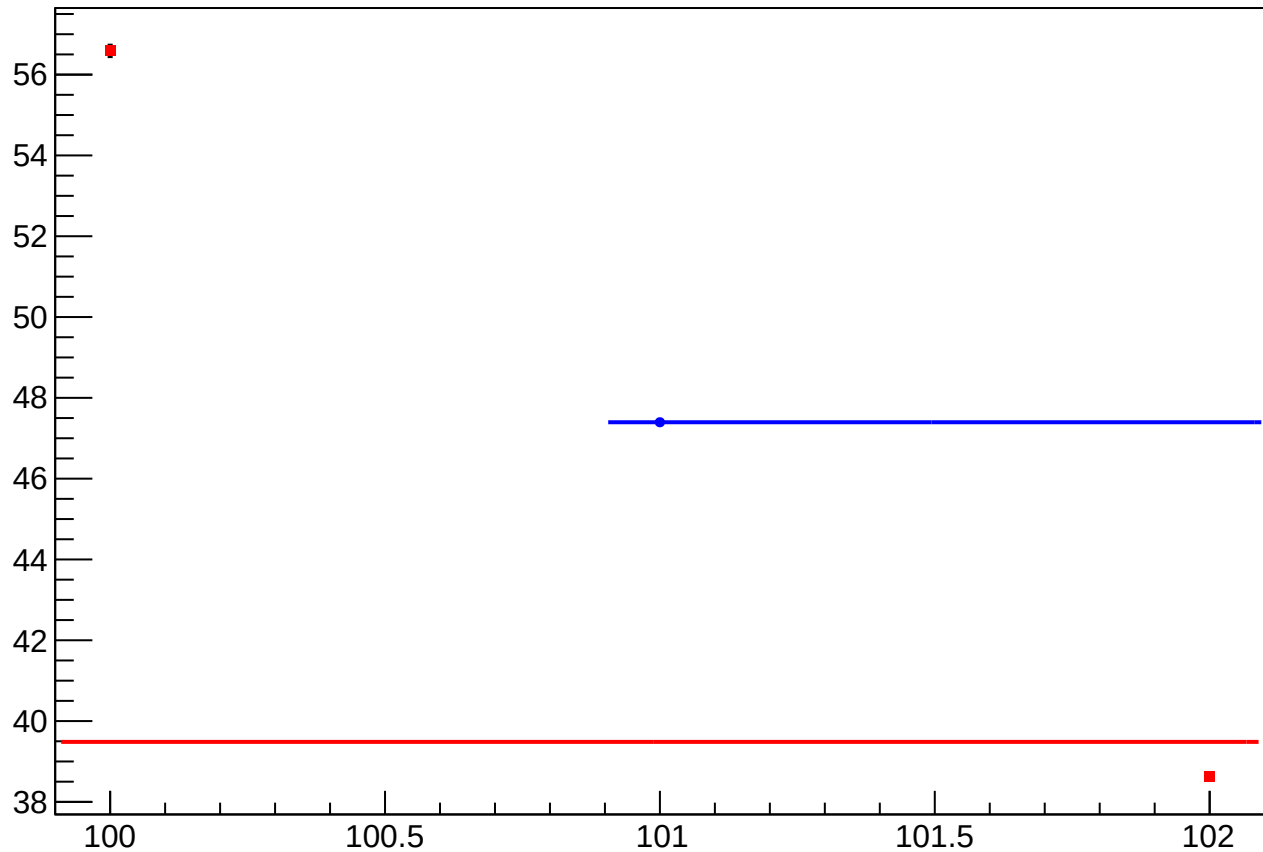
Right: 0.053+/-0.038 χ^2/NDF : 1.9/2

In: -0.013+/-0.061 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.053+/-0.038 χ^2/NDF : 1.9/2

asym_us_dd_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.396+/-0.043 χ^2/NDF : 0.0/0

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

Right Out: 39.485+/-0.034 χ^2/NDF : 12995.3/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

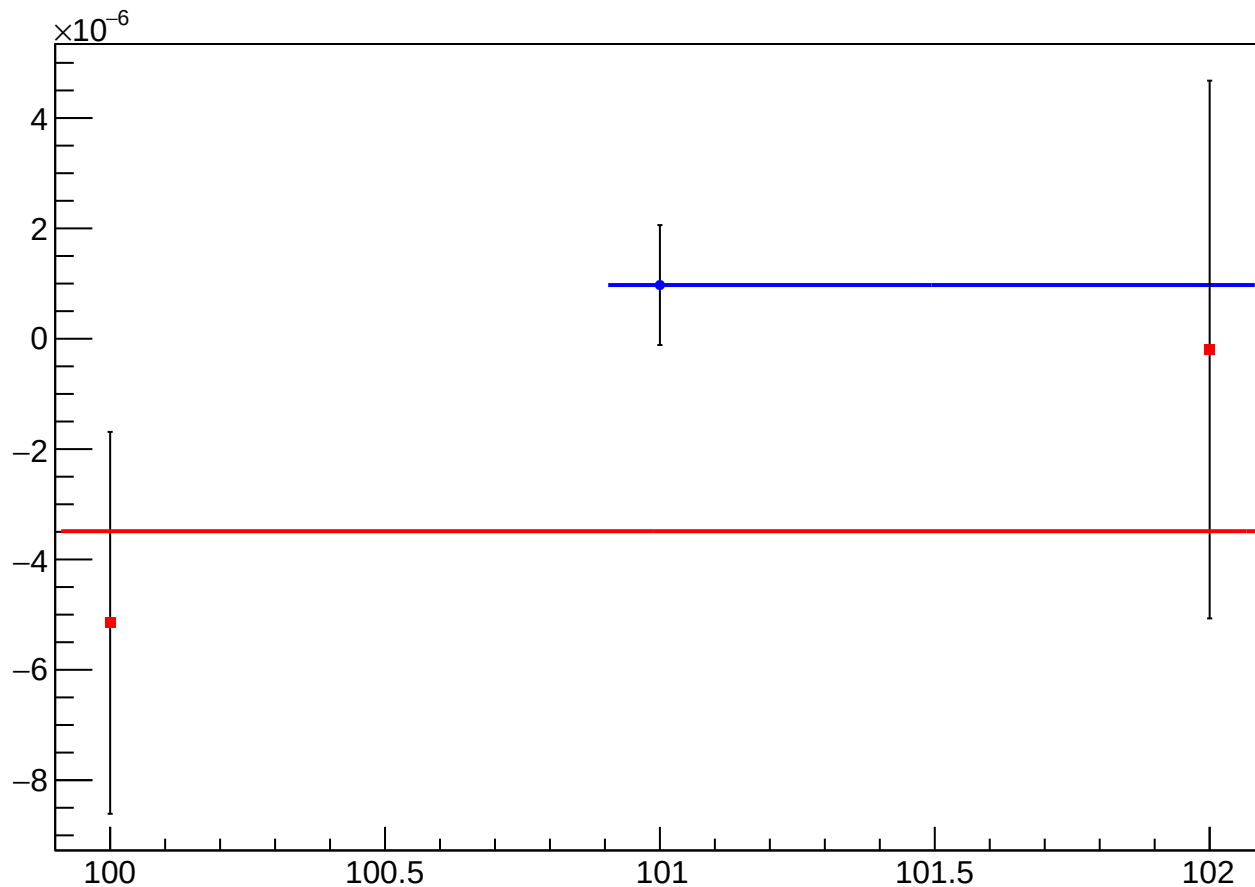
Right: 42.438+/-0.027 χ^2/NDF : 33772.3/2

In: 47.396+/-0.043 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.438+/-0.027 χ^2/NDF : 33772.3/2

asym_us_dd_eigen_dit_vs_dit_diff_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 : 0.7/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

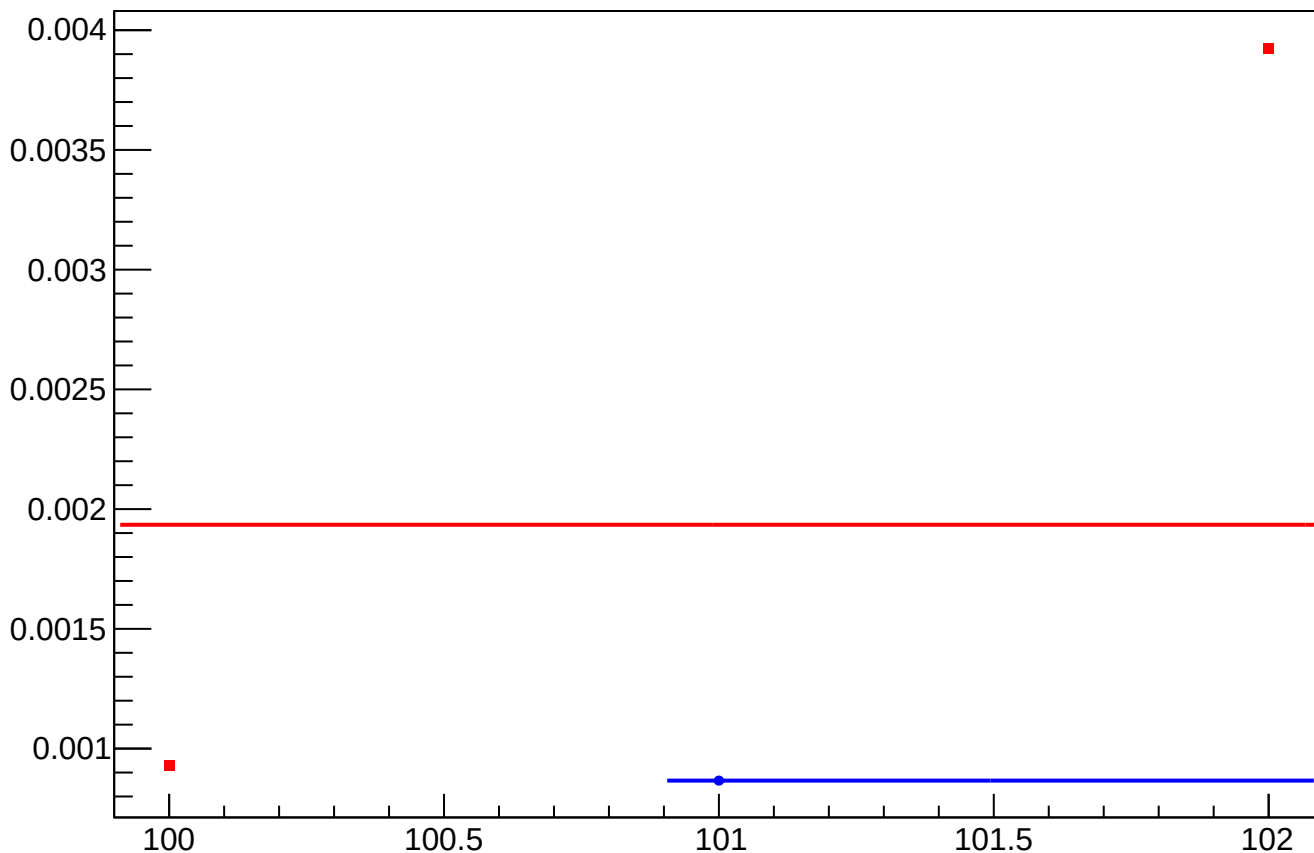
Right: 0.000+/-0.000 χ^2/NDF : 2.9/2

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 : 2.9/2

asym_us_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.002+/-0.000 χ^2/NDF : 501342.1/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

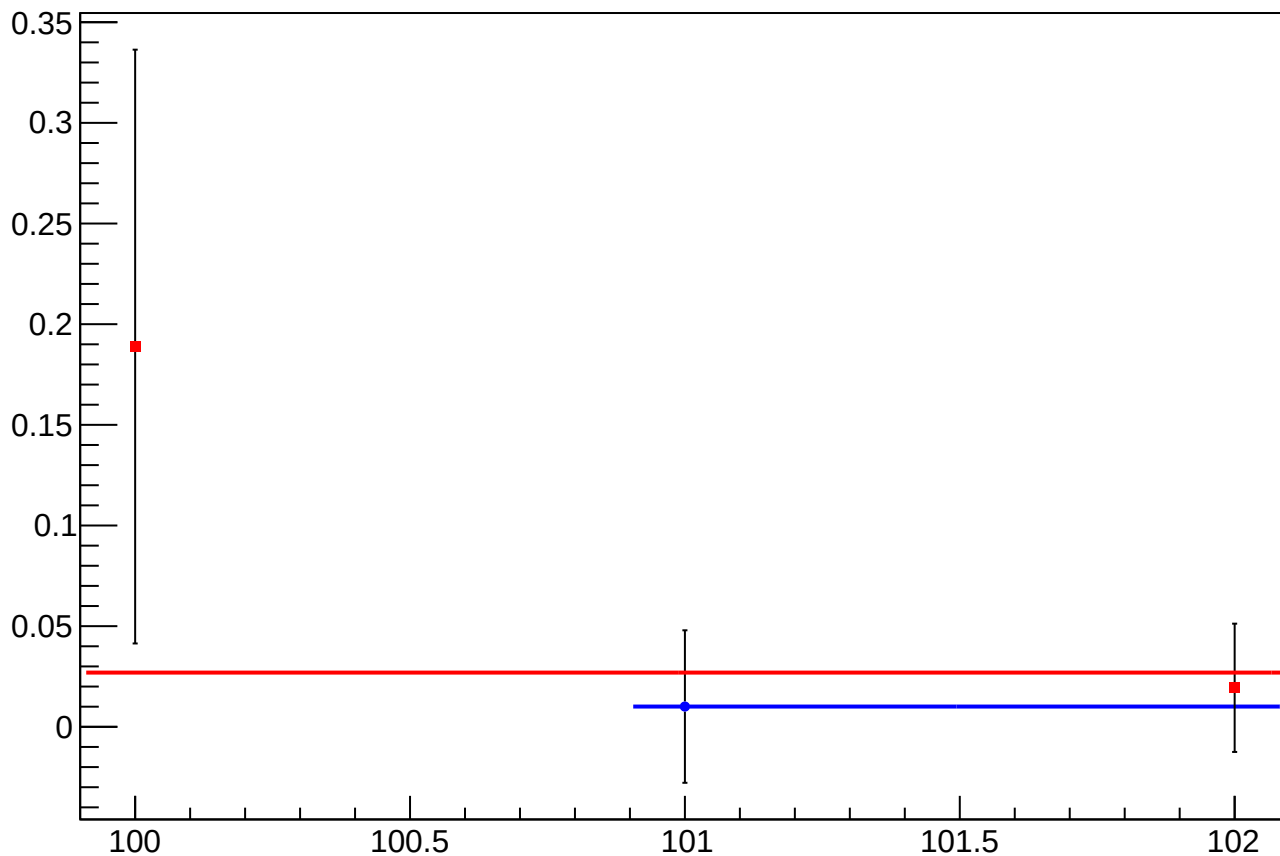
Right: 0.001+/-0.000 χ^2/NDF : 751089.8/2

In: 0.001+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 751089.8/2

asym_us_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.038 χ^2 /NDF: 0.0/0

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

Right Out: 0.027 $\pm$ 0.031 χ^2 /NDF: 1.3/1

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

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

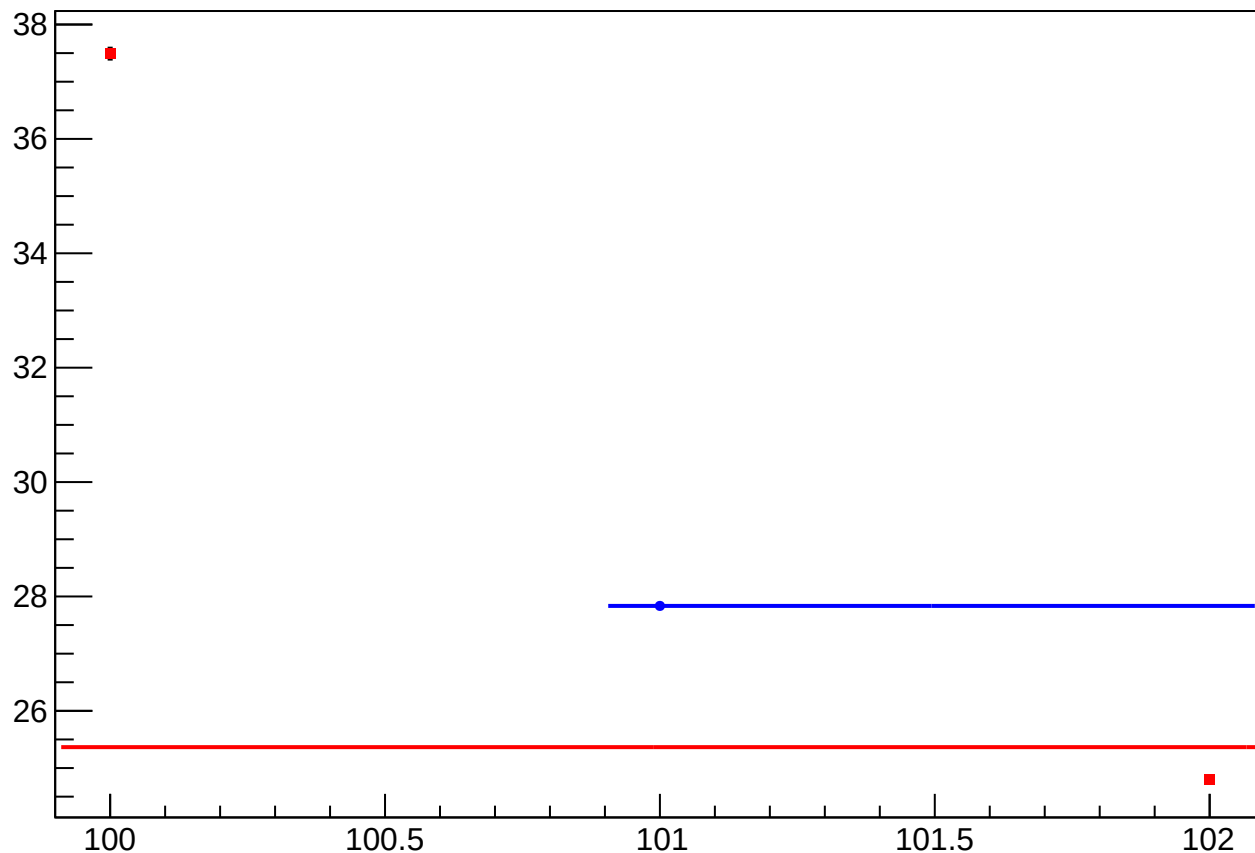
Right: 0.020 $\pm$ 0.024 χ^2 /NDF: 1.4/2

In: 0.010 $\pm$ 0.038 χ^2 /NDF: 0.0/0

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

All: 0.020 $\pm$ 0.024 χ^2 /NDF: 1.4/2

asym_us_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.835 $\pm$ 0.027 χ^2 /NDF: 0.0/0

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

Right Out: 25.366 $\pm$ 0.022 χ^2 /NDF: 14150.6/1

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

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

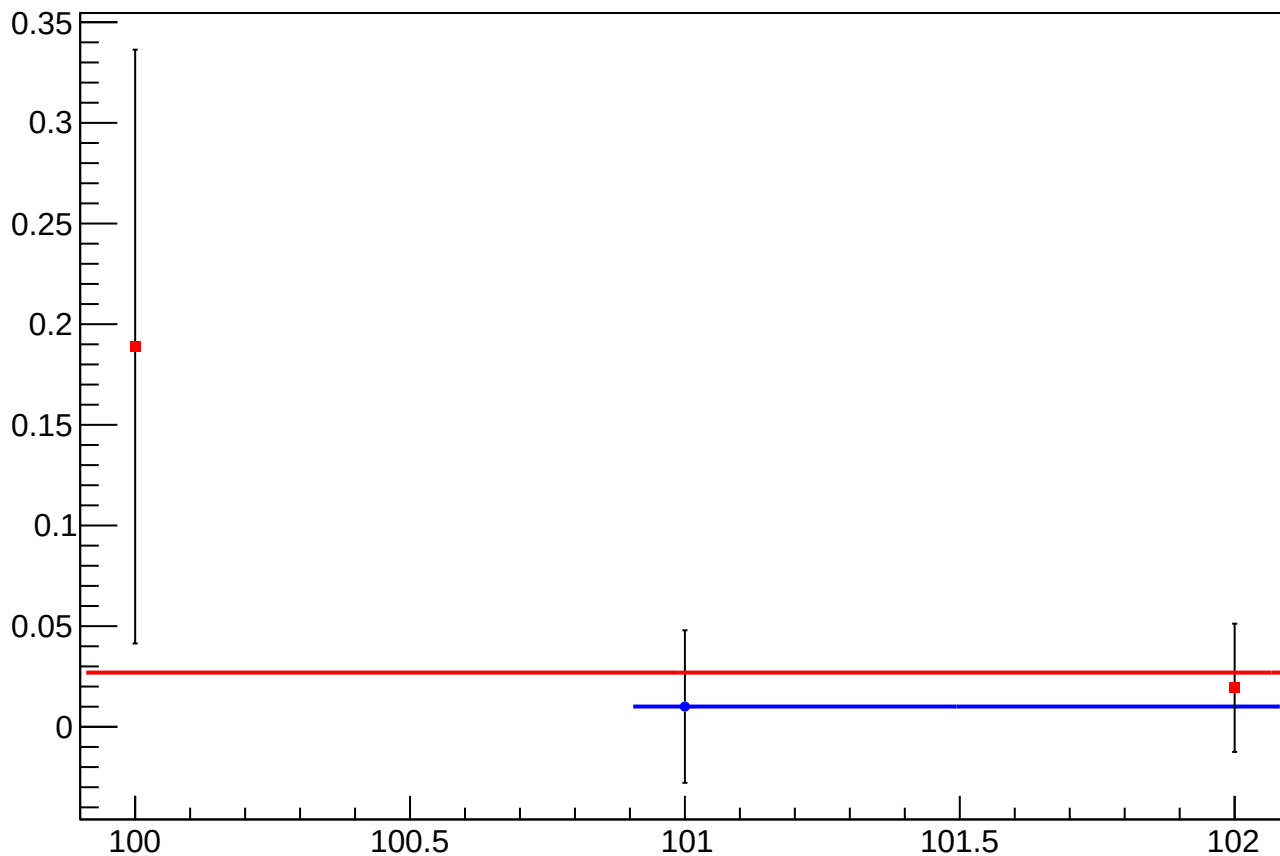
Right: 26.362 $\pm$ 0.017 χ^2 /NDF: 19222.6/2

In: 27.835 $\pm$ 0.027 χ^2 /NDF: 0.0/0

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

All: 26.362 $\pm$ 0.017 χ^2 /NDF: 19222.6/2

asym_us_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.038 χ^2 /NDF: 0.0/0

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

Right Out: 0.027 $\pm$ 0.031 χ^2 /NDF: 1.3/1

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

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

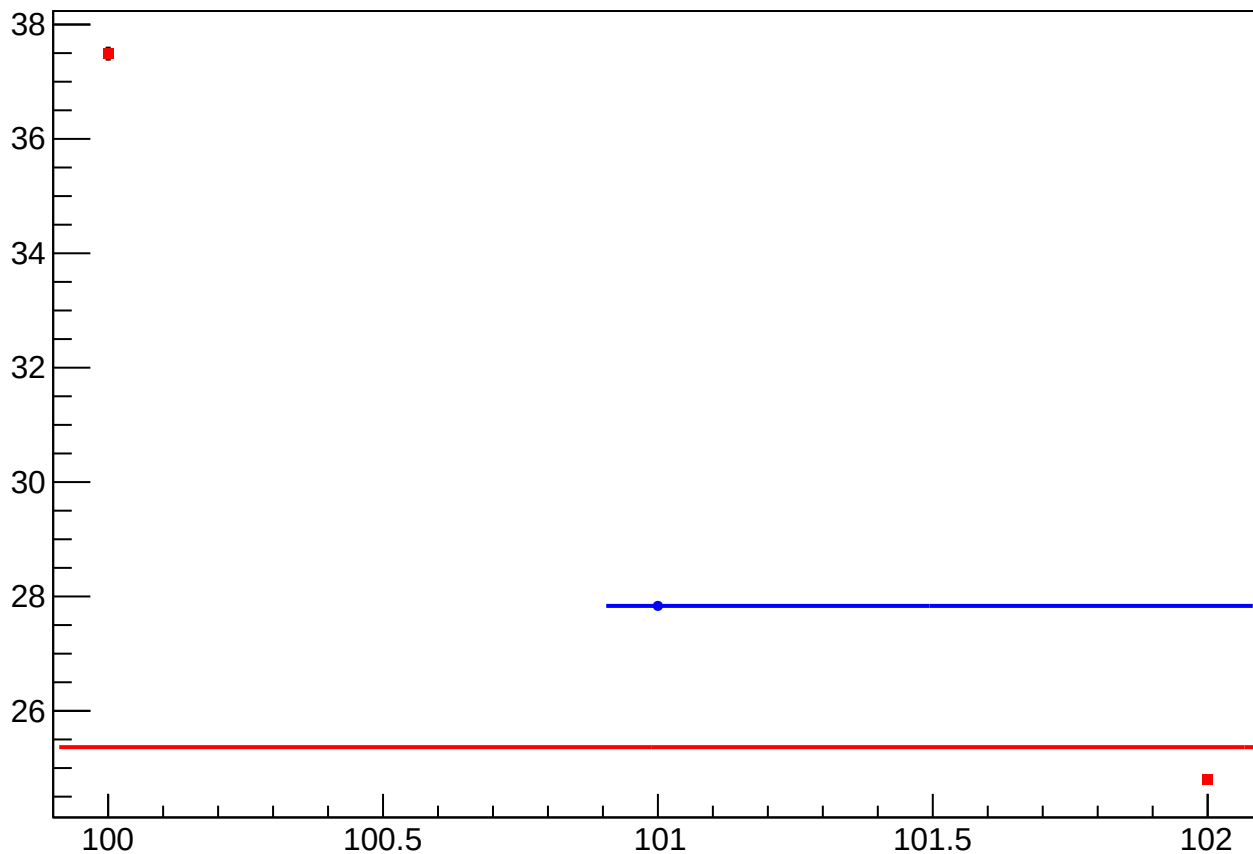
Right: 0.020 $\pm$ 0.024 χ^2 /NDF: 1.4/2

In: 0.010 $\pm$ 0.038 χ^2 /NDF: 0.0/0

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

All: 0.020 $\pm$ 0.024 χ^2 /NDF: 1.4/2

asym_us_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.835+/-0.027 χ^2/NDF : 0.0/0

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

Right Out: 25.366+/-0.022 χ^2/NDF : 14150.6/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

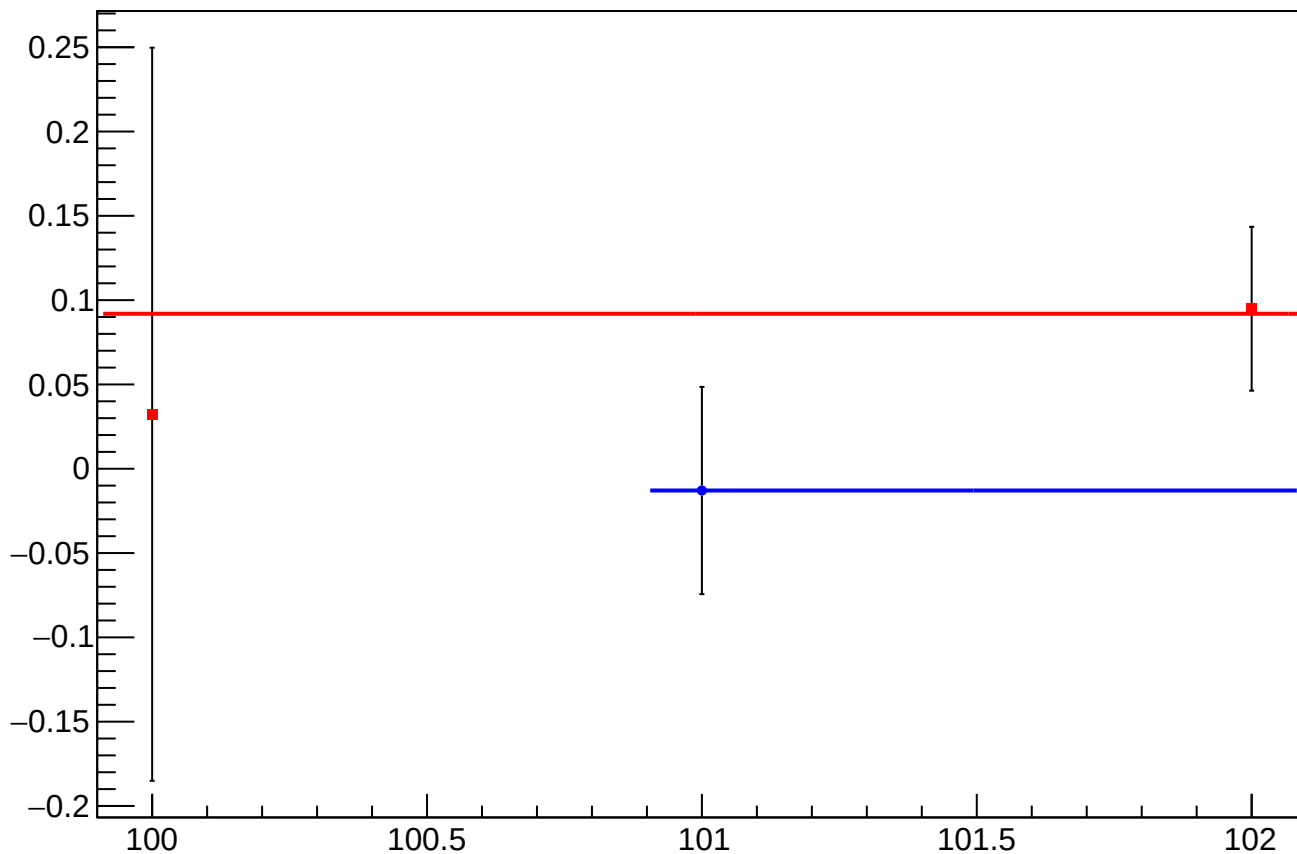
Right: 26.362+/-0.017 χ^2/NDF : 19222.6/2

In: 27.835+/-0.027 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.362+/-0.017 χ^2/NDF : 19222.6/2

asym_us_dd_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 $\pm$ 0.061 χ^2 /NDF: 0.0/0

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

Right Out: 0.092 $\pm$ 0.047 χ^2 /NDF: 0.1/1

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

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

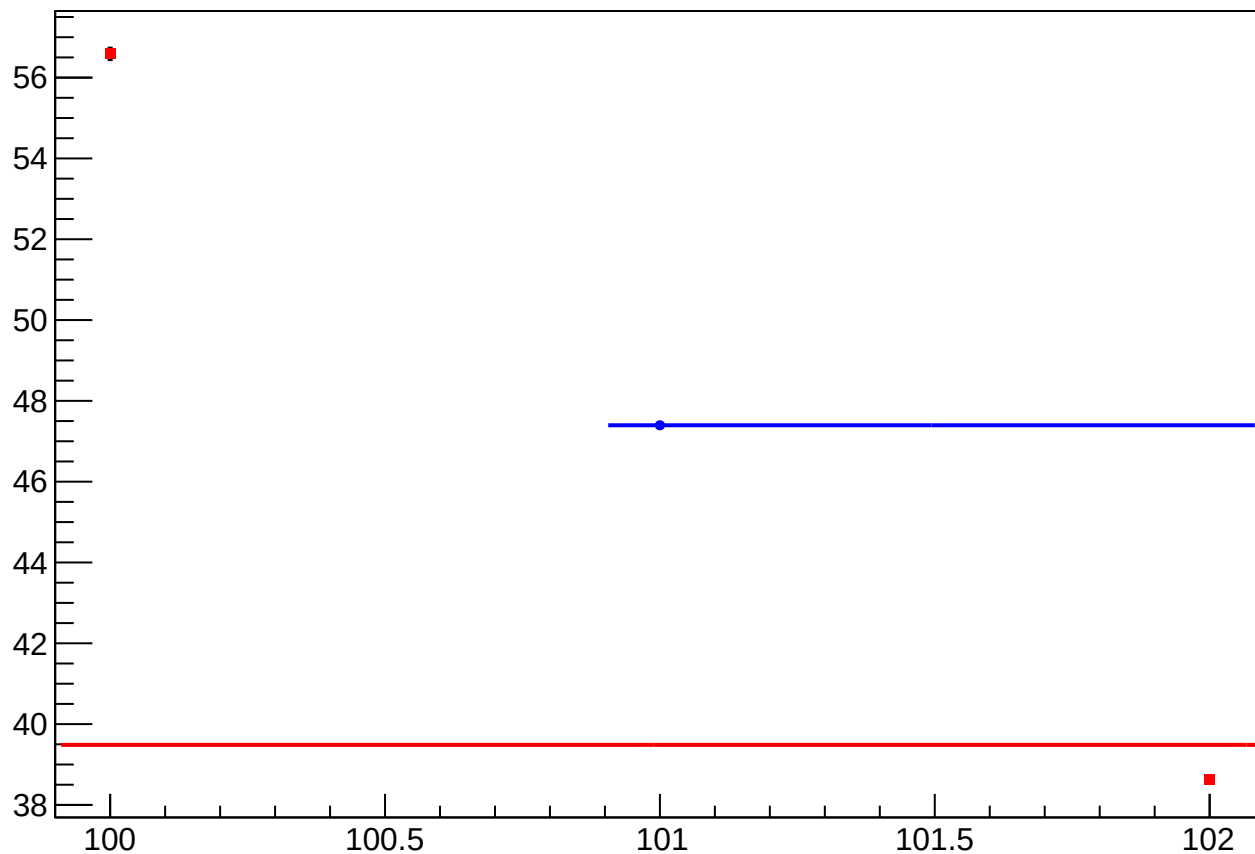
Right: 0.053 $\pm$ 0.038 χ^2 /NDF: 1.9/2

In: -0.013 $\pm$ 0.061 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.053 $\pm$ 0.038 χ^2 /NDF: 1.9/2

asym_us_dd_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.396+/-0.043 χ^2/NDF : 0.0/0

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

Right Out: 39.486+/-0.034 χ^2/NDF : 12993.7/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

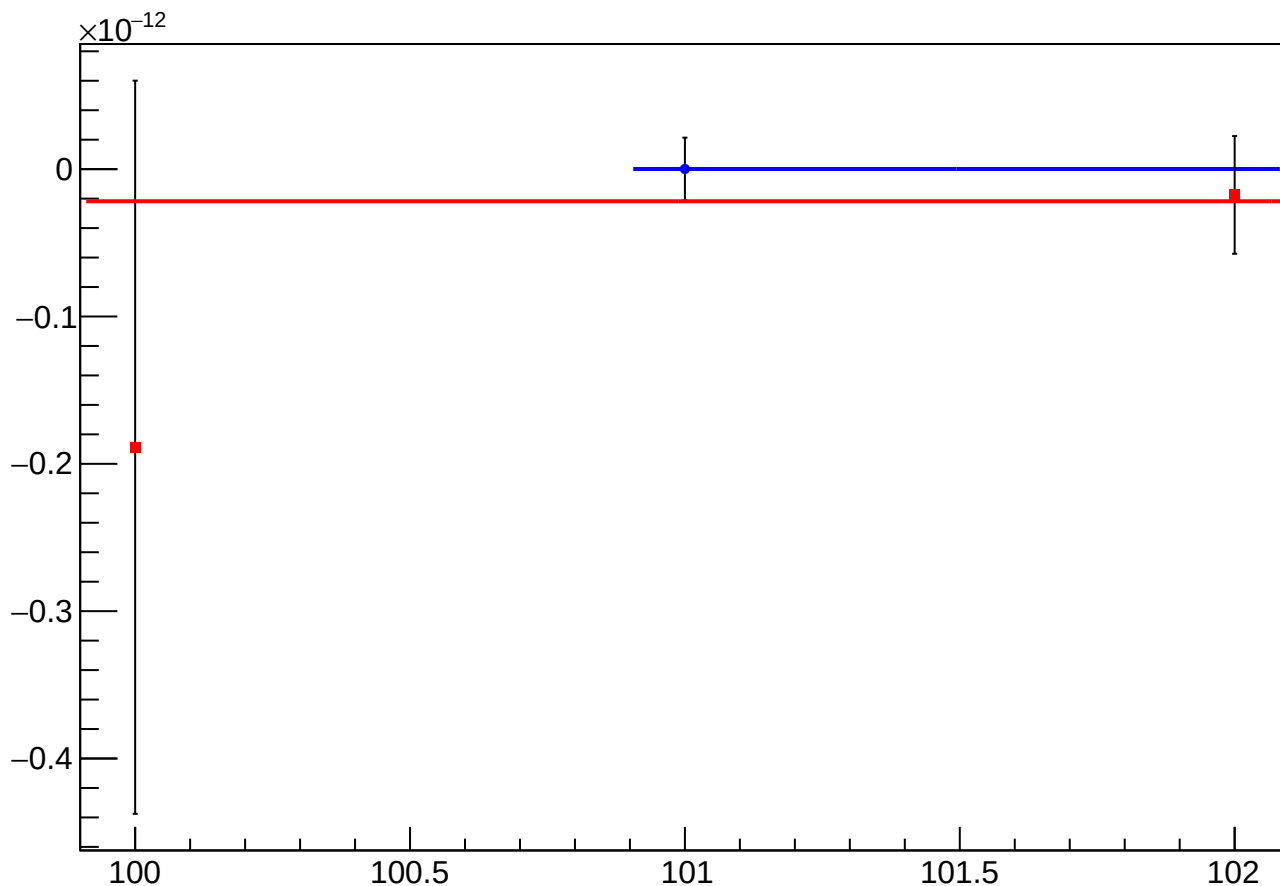
Right: 42.439+/-0.027 χ^2/NDF : 33765.6/2

In: 47.396+/-0.043 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.439+/-0.027 χ^2/NDF : 33765.6/2

asym_us_dd_eigen_cor_vs_cor_diff_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 : 0.5/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

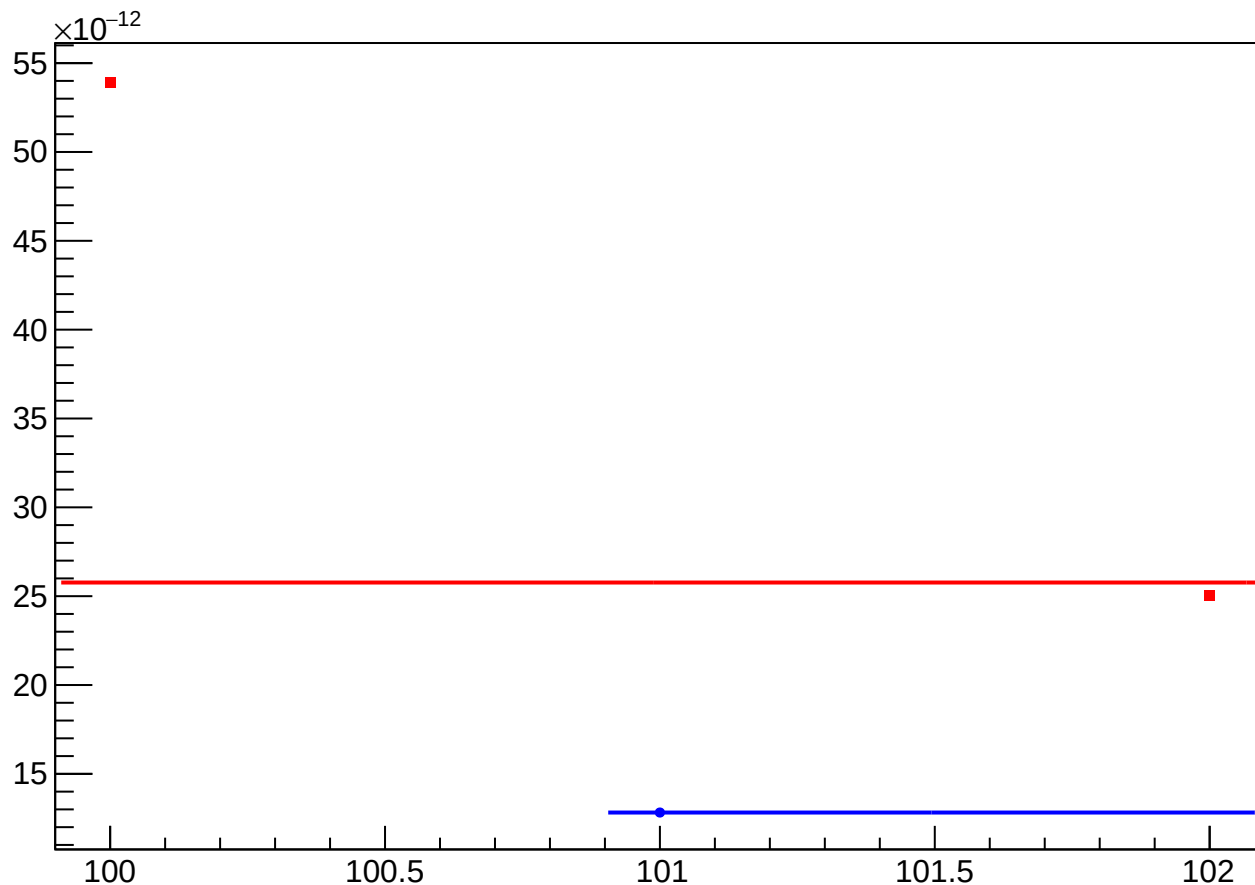
Right: -0.000+/-0.000 χ^2/NDF : 0.7/2

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 : 0.7/2

asym_us_dd_eigen_cor_vs_cor_diff_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 : 26216.3/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

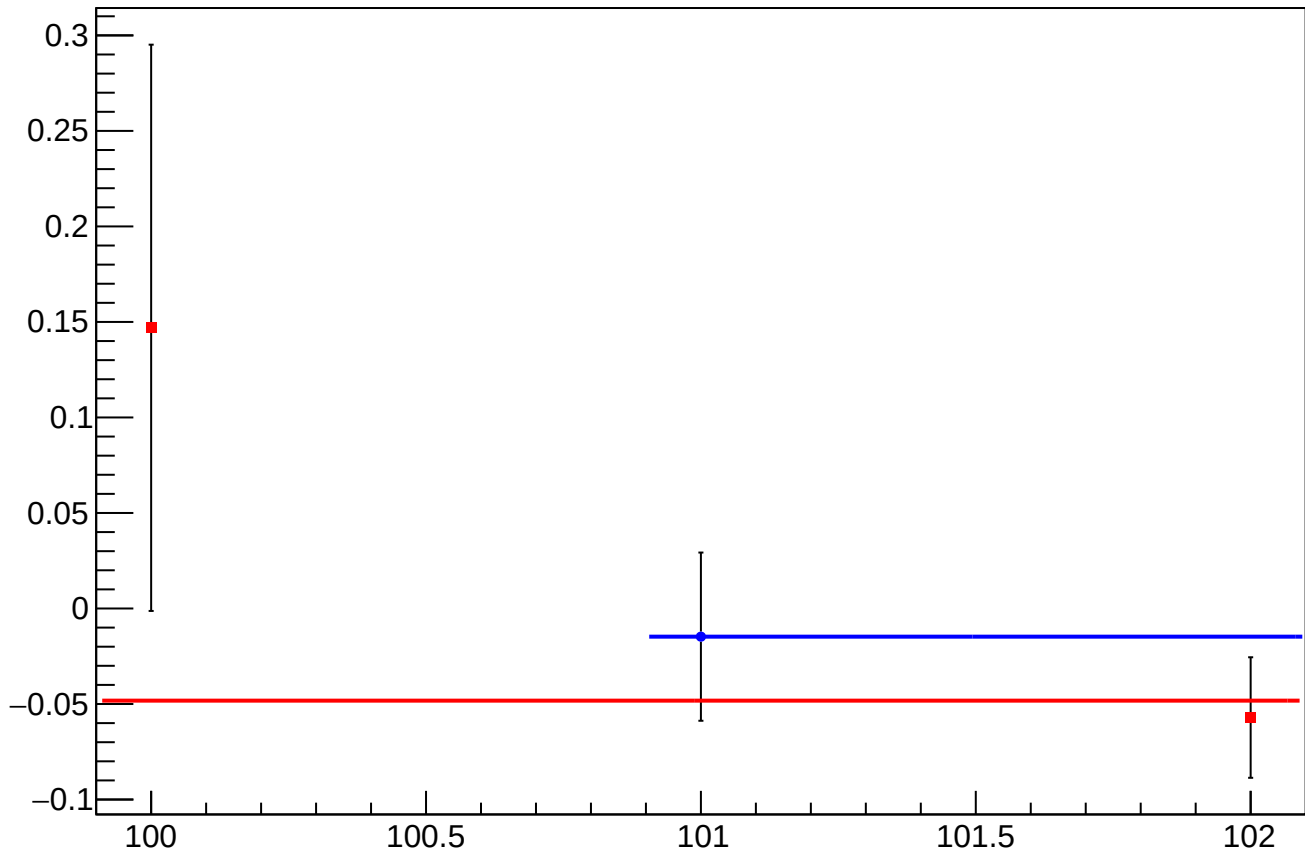
Right: 0.000+/-0.000 χ^2/NDF : 193232.3/2

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 : 193232.3/2

asym_us_dd_overload_cor_vs_slug_sign_corrected



Right In: -0.015 ± 0.044 $\chi^2/\text{NDF}: 0.0/0$

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

Right Out: -0.048 ± 0.031 $\chi^2/\text{NDF}: 1.8/1$

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

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

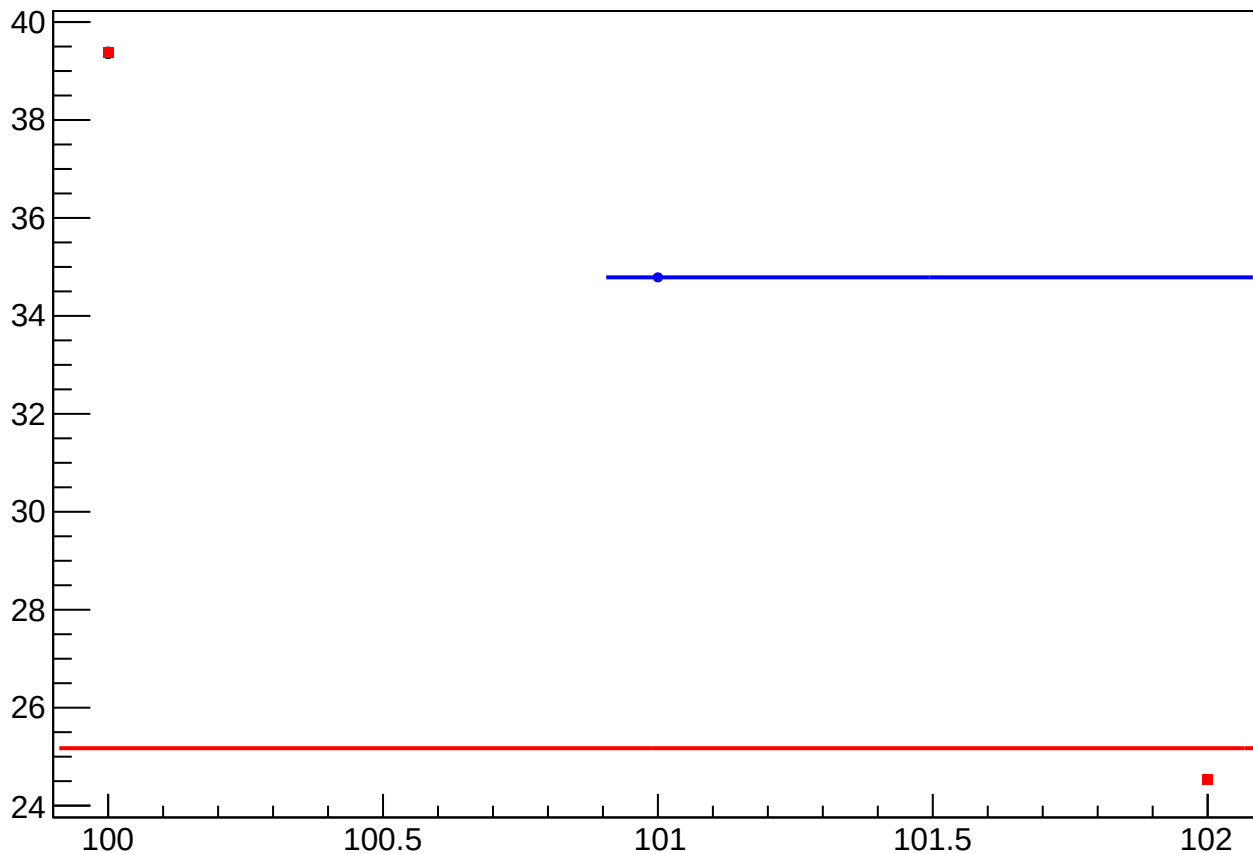
Right: -0.037 ± 0.025 $\chi^2/\text{NDF}: 2.2/2$

In: -0.015 ± 0.044 $\chi^2/\text{NDF}: 0.0/0$

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

All: -0.037 ± 0.025 $\chi^2/\text{NDF}: 2.2/2$

asym_us_dd_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.787 $\pm$ 0.031 χ^2 /NDF: 0.0/0

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

Right Out: 25.173 $\pm$ 0.022 χ^2 /NDF: 19187.0/1

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

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

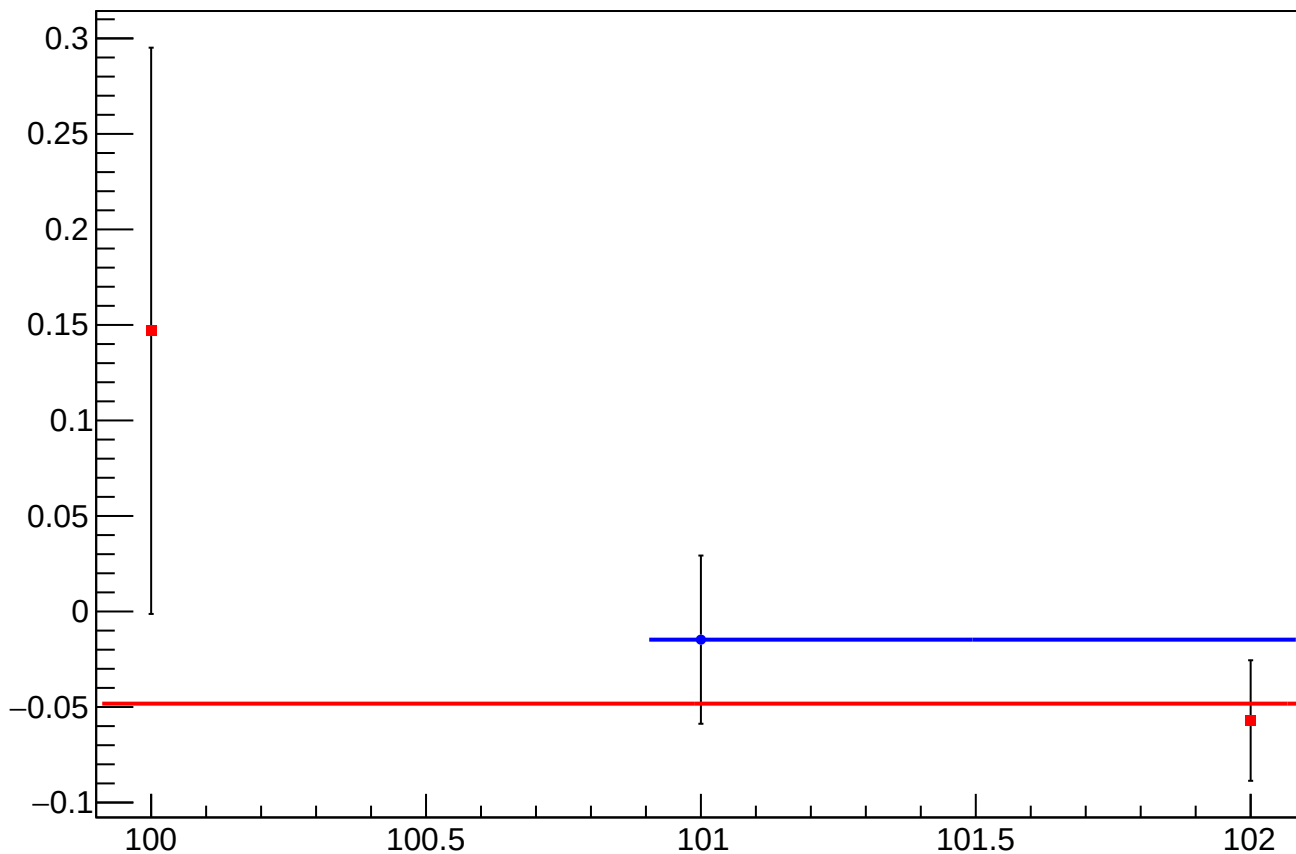
Right: 28.340 $\pm$ 0.018 χ^2 /NDF: 83141.5/2

In: 34.787 $\pm$ 0.031 χ^2 /NDF: 0.0/0

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

All: 28.340 $\pm$ 0.018 χ^2 /NDF: 83141.5/2

asym_us_dd_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.044 χ^2/NDF : 0.0/0

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

Right Out: -0.048+/-0.031 χ^2/NDF : 1.8/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

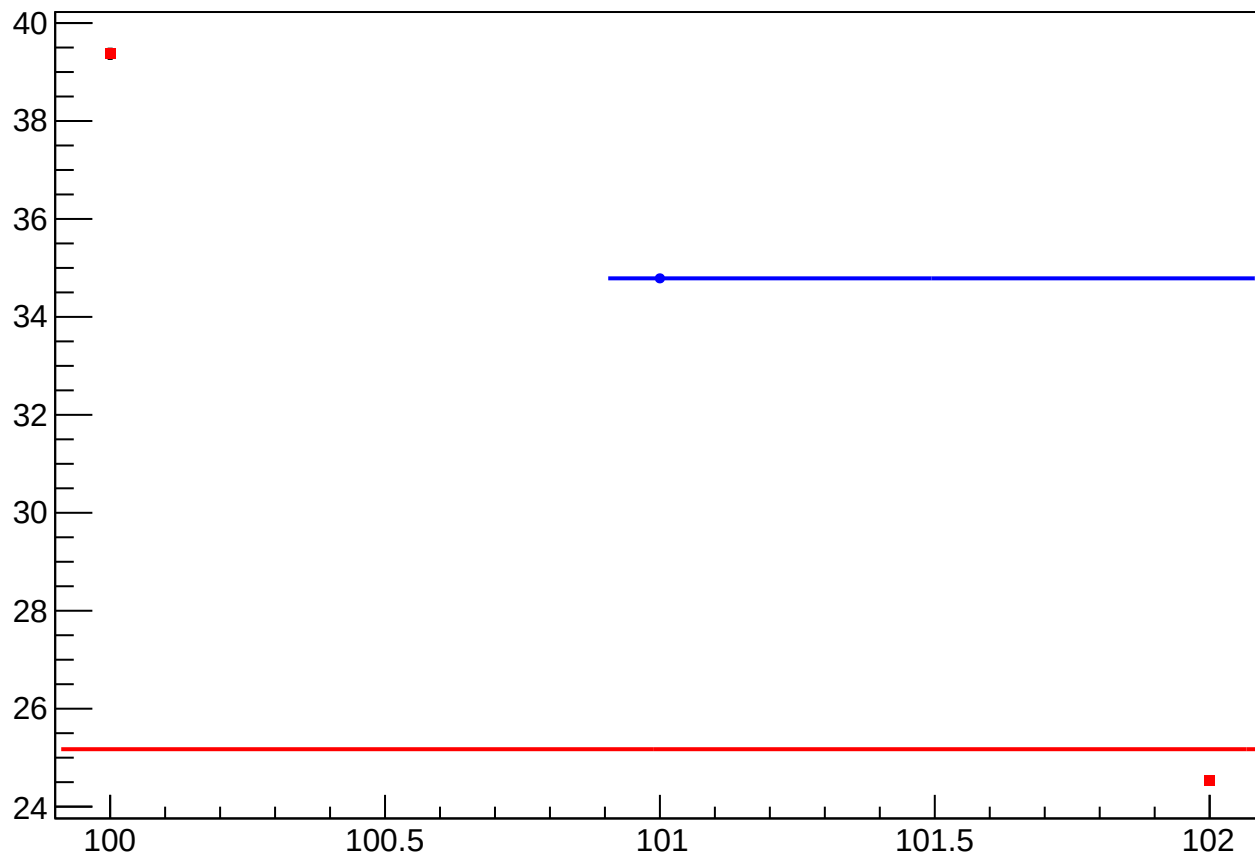
Right: -0.037+/-0.025 χ^2/NDF : 2.2/2

In: -0.015+/-0.044 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.037+/-0.025 χ^2/NDF : 2.2/2

asym_us_dd_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.787 $\pm$ 0.031 χ^2 /NDF: 0.0/0

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

Right Out: 25.173 $\pm$ 0.022 χ^2 /NDF: 19187.0/1

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

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

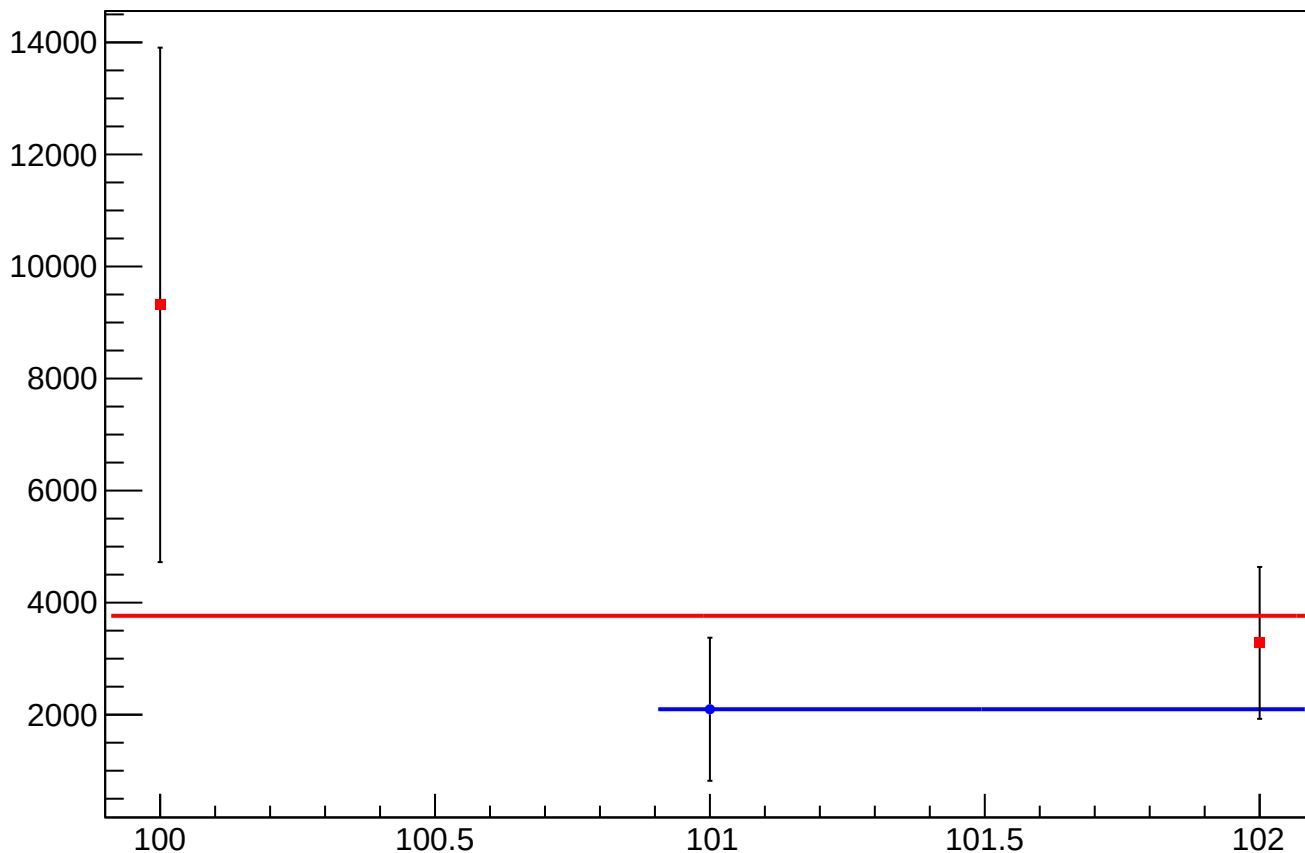
Right: 28.340 $\pm$ 0.018 χ^2 /NDF: 83141.5/2

In: 34.787 $\pm$ 0.031 χ^2 /NDF: 0.0/0

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

All: 28.340 $\pm$ 0.018 χ^2 /NDF: 83141.5/2

reg_asym_usl_mean vs Slug, Sign Corrected



Right In: 2097.033+/-1277.084 χ^2/NDF : 0.0/0

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

Right Out: 3765.038+/-1300.043 χ^2/NDF : 1.6/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

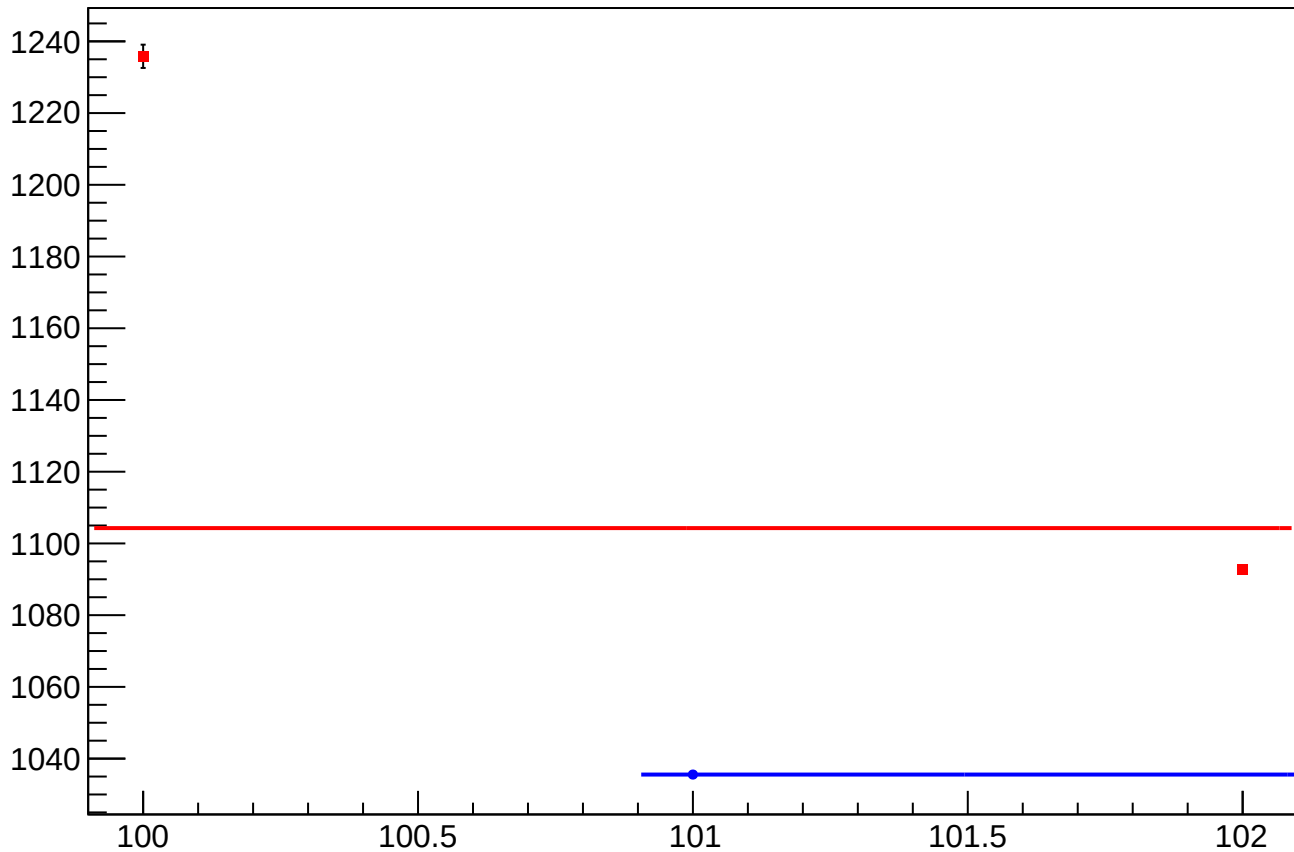
Right: 2916.177+/-911.043 χ^2/NDF : 2.4/2

In: 2097.033+/-1277.084 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2916.177+/-911.043 χ^2/NDF : 2.4/2

reg_asym_usl_rms vs Slug, Sign Corrected



Right In: 1035.554+/-0.903 χ^2/NDF : 0.0/0

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

Right Out: 1104.275+/-0.919 χ^2/NDF : 1785.0/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

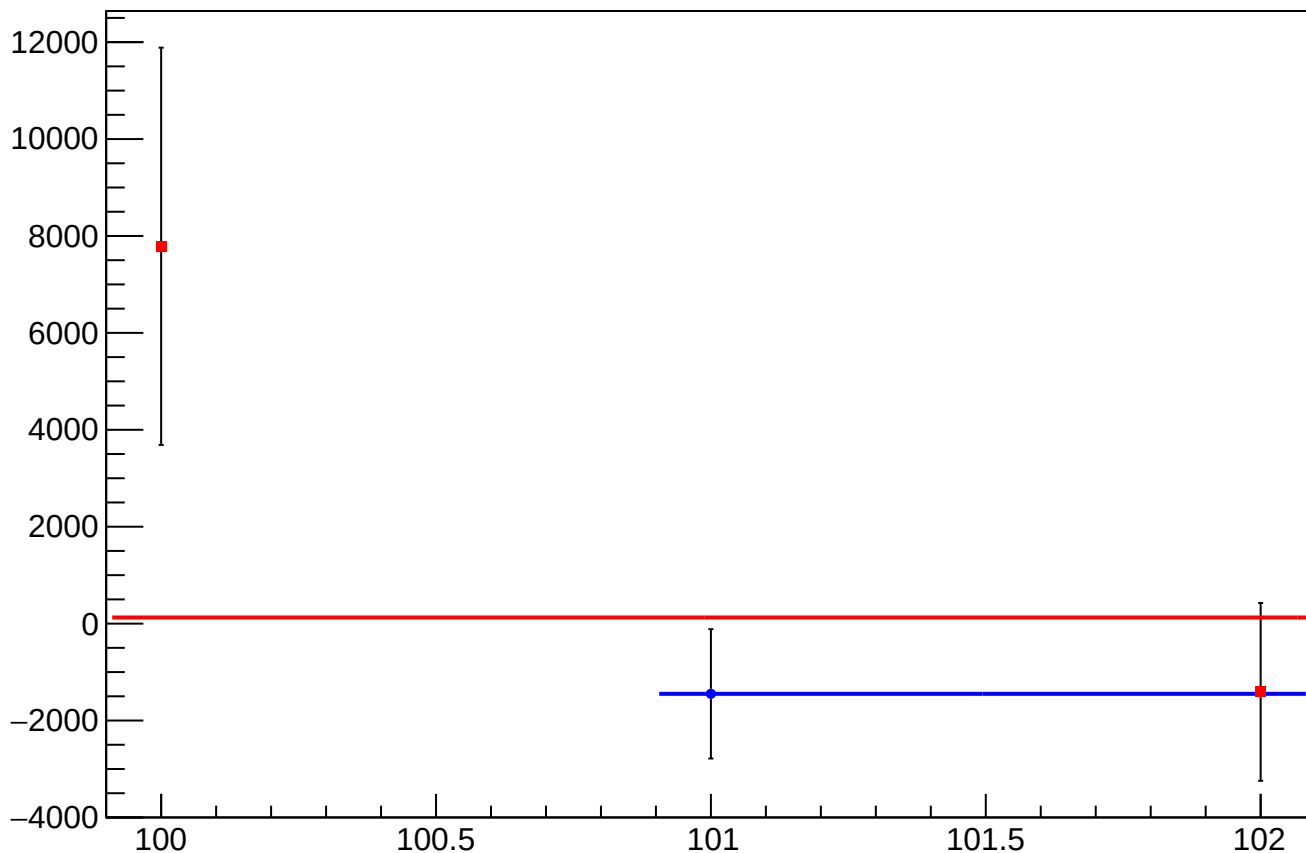
Right: 1069.302+/-0.644 χ^2/NDF : 4629.1/2

In: 1035.554+/-0.903 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1069.302+/-0.644 χ^2/NDF : 4629.1/2

asym_usl_reg_correction_mean vs Slug, Sign Corrected



Right In: -1449.042+/-1334.778 χ^2/NDF : 0.0/0

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

Right Out: 126.312+/-1674.788 χ^2/NDF : 4.2/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

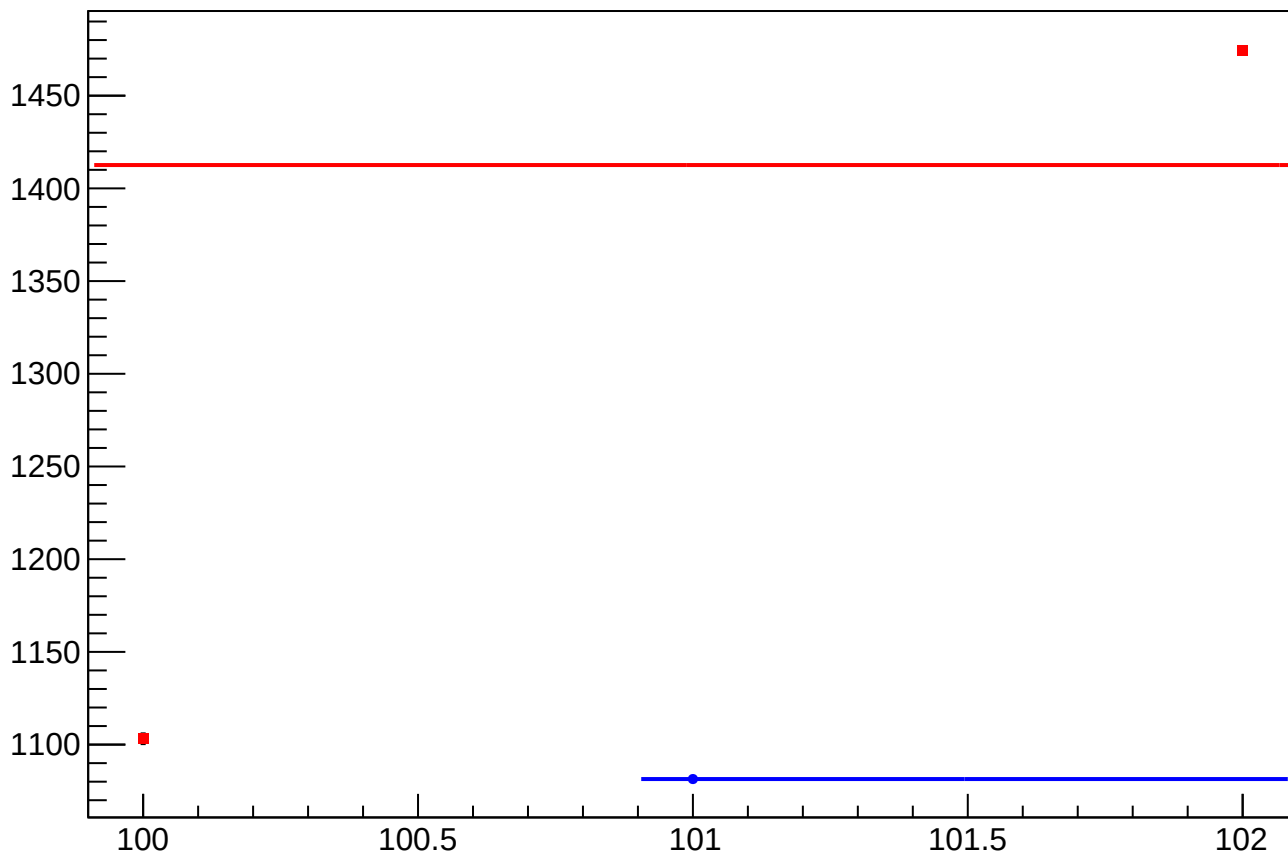
Right: -837.100+/-1043.821 χ^2/NDF : 4.7/2

In: -1449.042+/-1334.778 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -837.100+/-1043.821 χ^2/NDF : 4.7/2

asym_usl_reg_correction_rms vs Slug, Sign Corrected



Right In: 1081.419 $\pm$ 0.944 χ^2 /NDF: 0.0/0

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

Right Out: 1412.588 $\pm$ 1.184 χ^2 /NDF: 13680.9/1

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

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

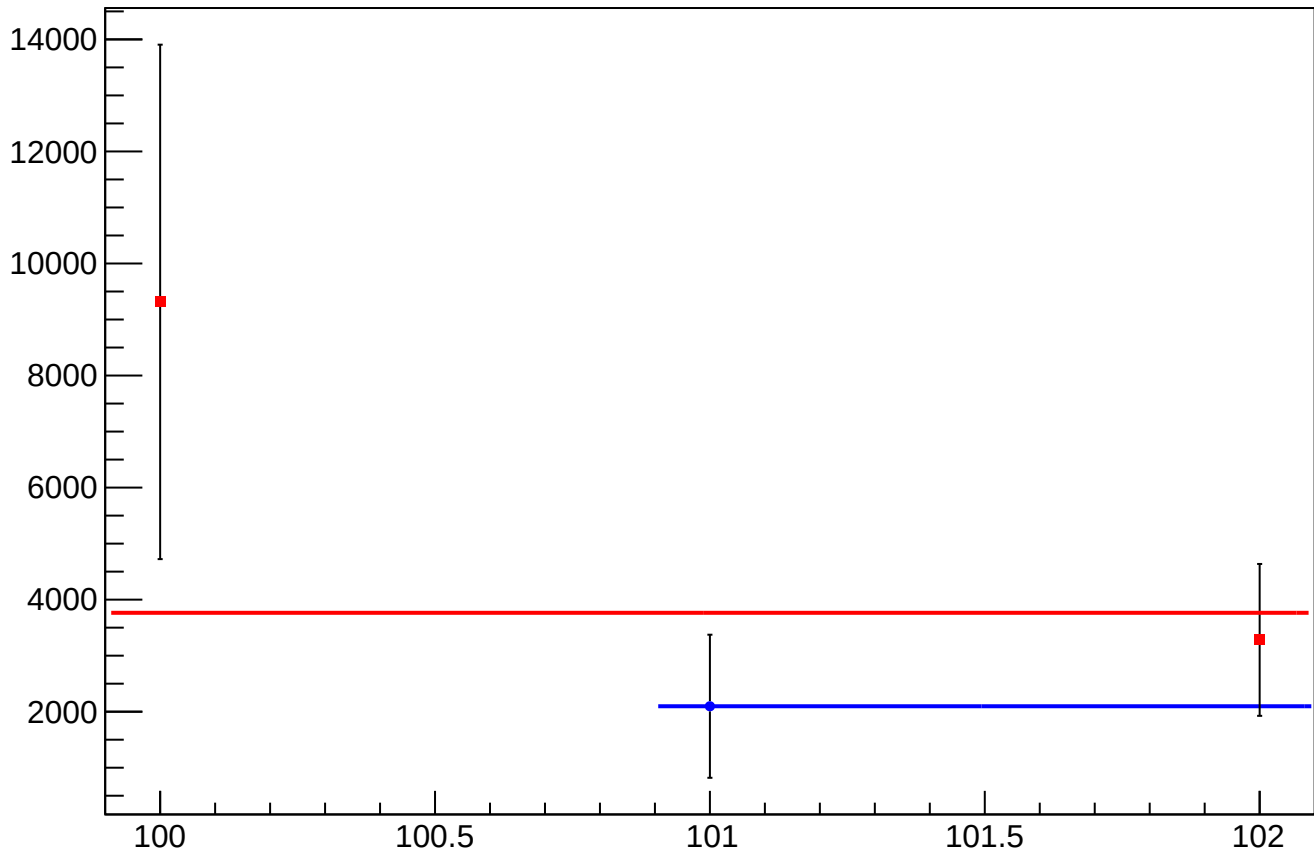
Right: 1210.061 $\pm$ 0.738 χ^2 /NDF: 61504.8/2

In: 1081.419 $\pm$ 0.944 χ^2 /NDF: 0.0/0

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

All: 1210.061 $\pm$ 0.738 χ^2 /NDF: 61504.8/2

cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 2097.033+/-1277.084 χ^2/NDF : 0.0/0

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

Right Out: 3765.038+/-1300.043 χ^2/NDF : 1.6/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

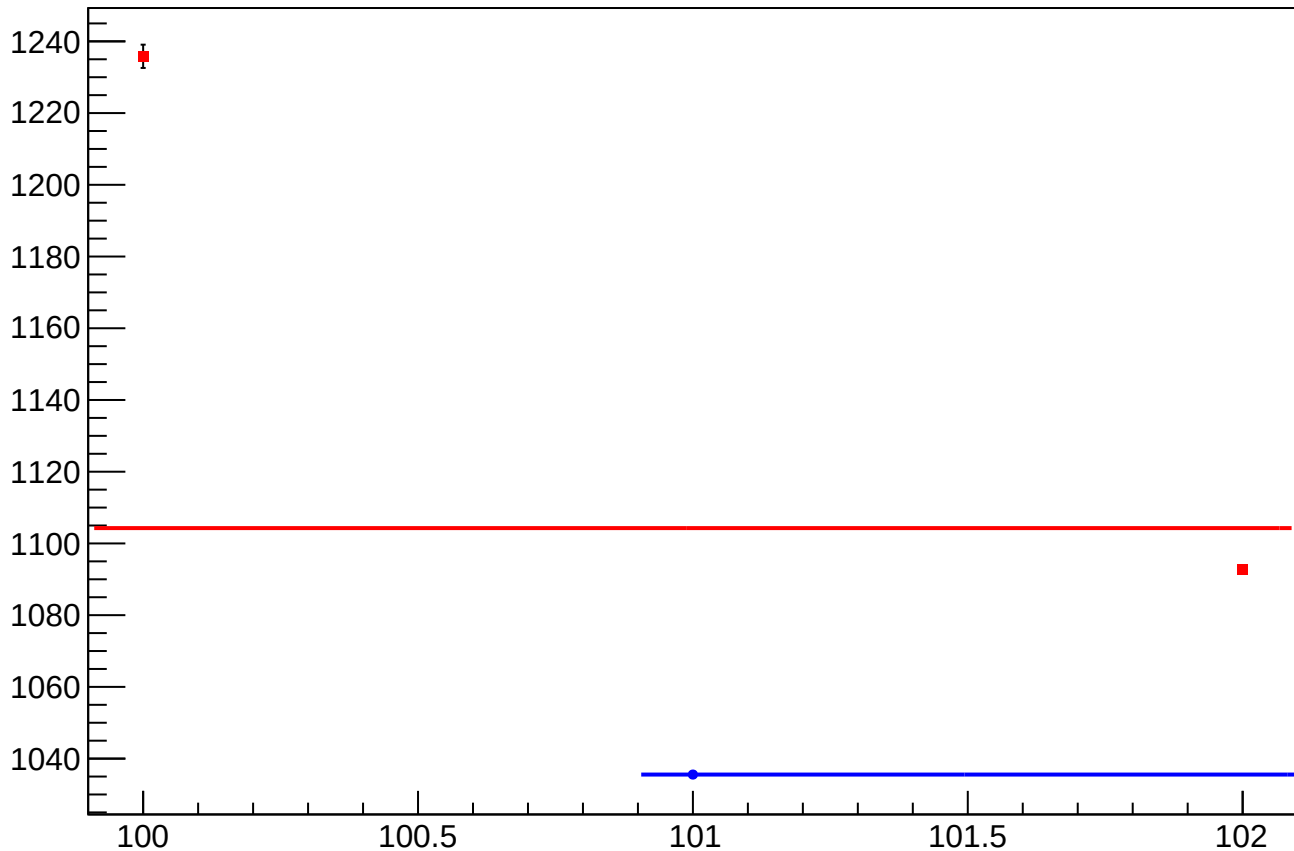
Right: 2916.177+/-911.043 χ^2/NDF : 2.4/2

In: 2097.033+/-1277.084 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2916.177+/-911.043 χ^2/NDF : 2.4/2

cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1035.554+/-0.903 χ^2/NDF : 0.0/0

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

Right Out: 1104.275+/-0.919 χ^2/NDF : 1785.0/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

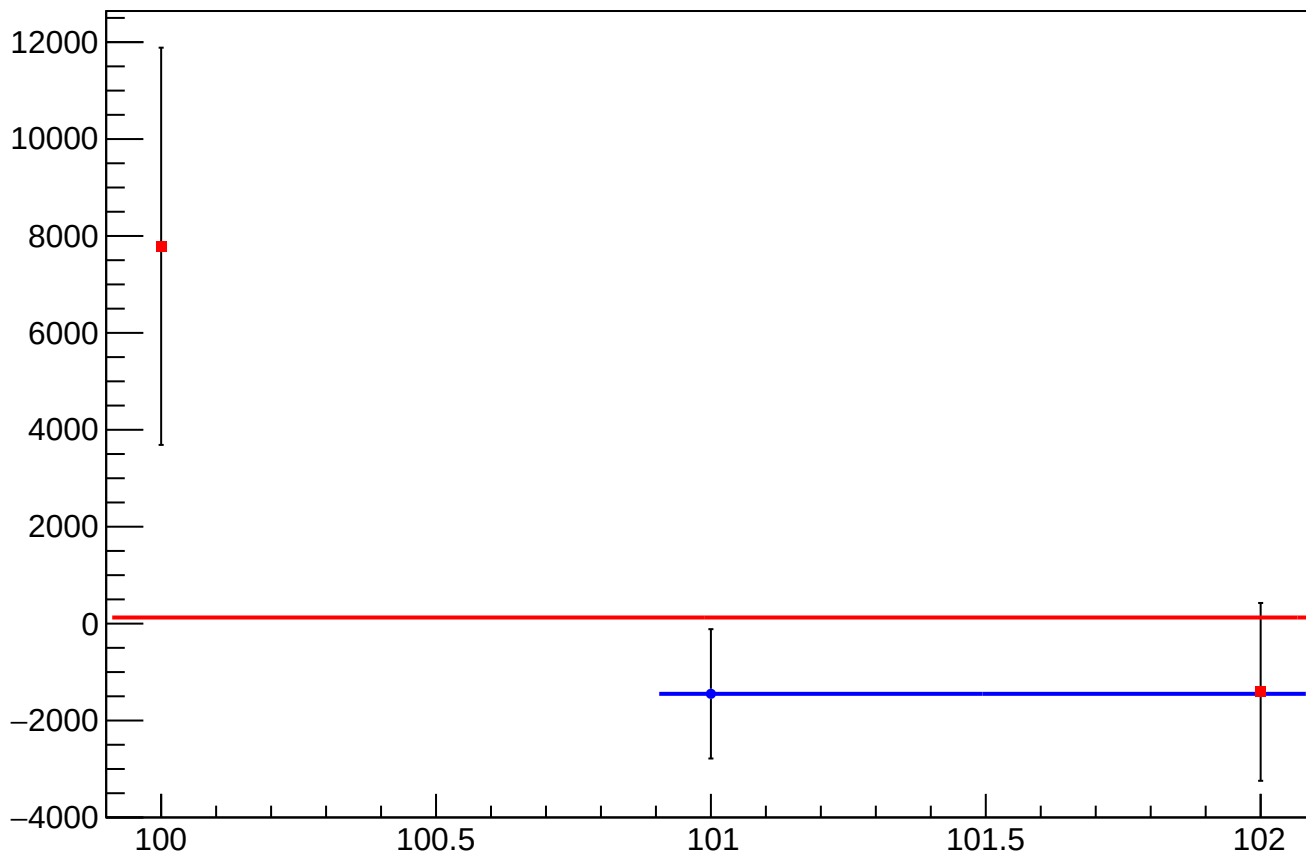
Right: 1069.302+/-0.644 χ^2/NDF : 4629.1/2

In: 1035.554+/-0.903 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1069.302+/-0.644 χ^2/NDF : 4629.1/2

asym_usl_cor_correction_mean vs Slug, Sign Corrected



Right In: -1449.042+/-1334.778 χ^2/NDF : 0.0/0

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

Right Out: 126.312+/-1674.788 χ^2/NDF : 4.2/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

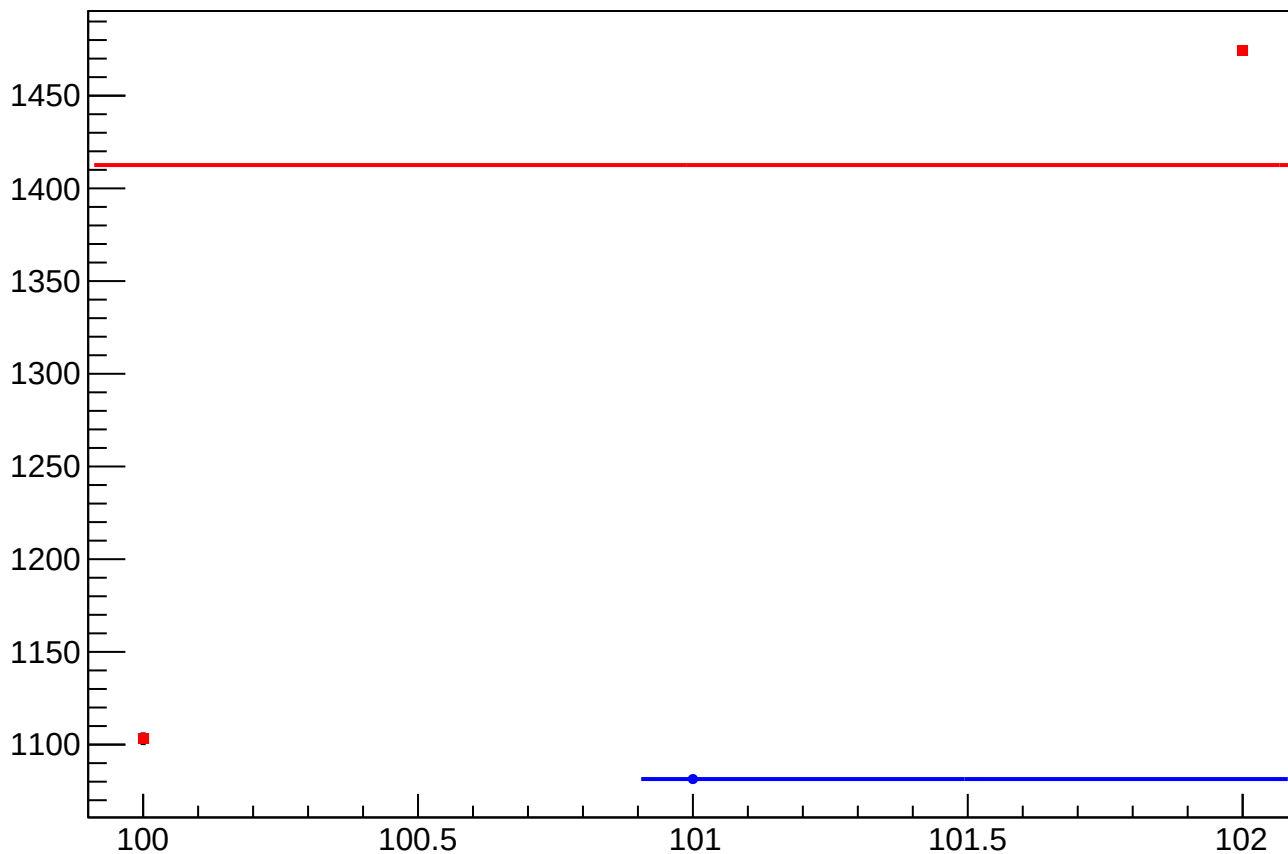
Right: -837.100+/-1043.821 χ^2/NDF : 4.7/2

In: -1449.042+/-1334.778 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -837.100+/-1043.821 χ^2/NDF : 4.7/2

asym_usl_cor_correction_rms vs Slug, Sign Corrected



Right In: 1081.419 $\pm$ 0.944 χ^2 /NDF: 0.0/0

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

Right Out: 1412.588 $\pm$ 1.184 χ^2 /NDF: 13680.9/1

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

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

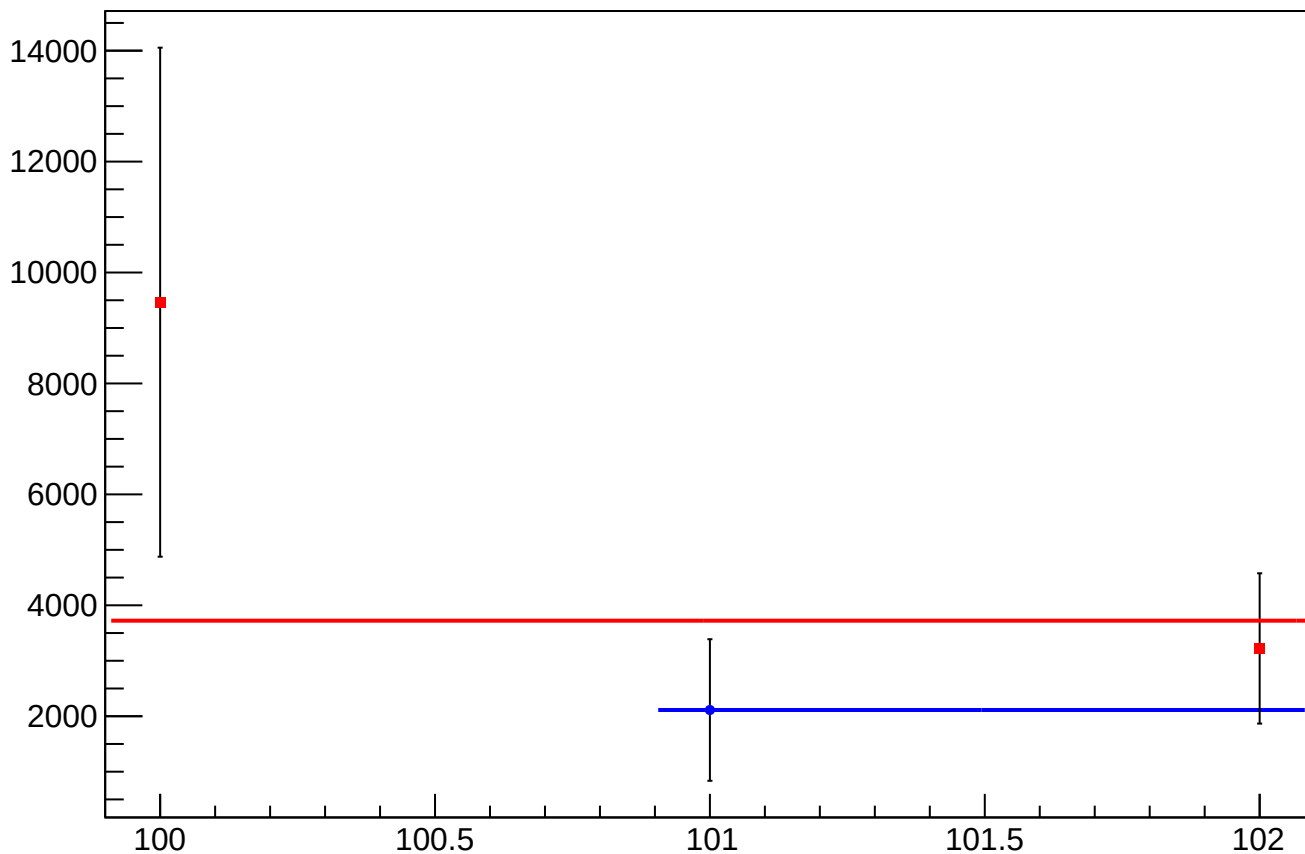
Right: 1210.061 $\pm$ 0.738 χ^2 /NDF: 61504.8/2

In: 1081.419 $\pm$ 0.944 χ^2 /NDF: 0.0/0

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

All: 1210.061 $\pm$ 0.738 χ^2 /NDF: 61504.8/2

overload_cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 2112.254+/-1276.451 χ^2/NDF : 0.0/0

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

Right Out: 3722.662+/-1299.425 χ^2/NDF : 1.7/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

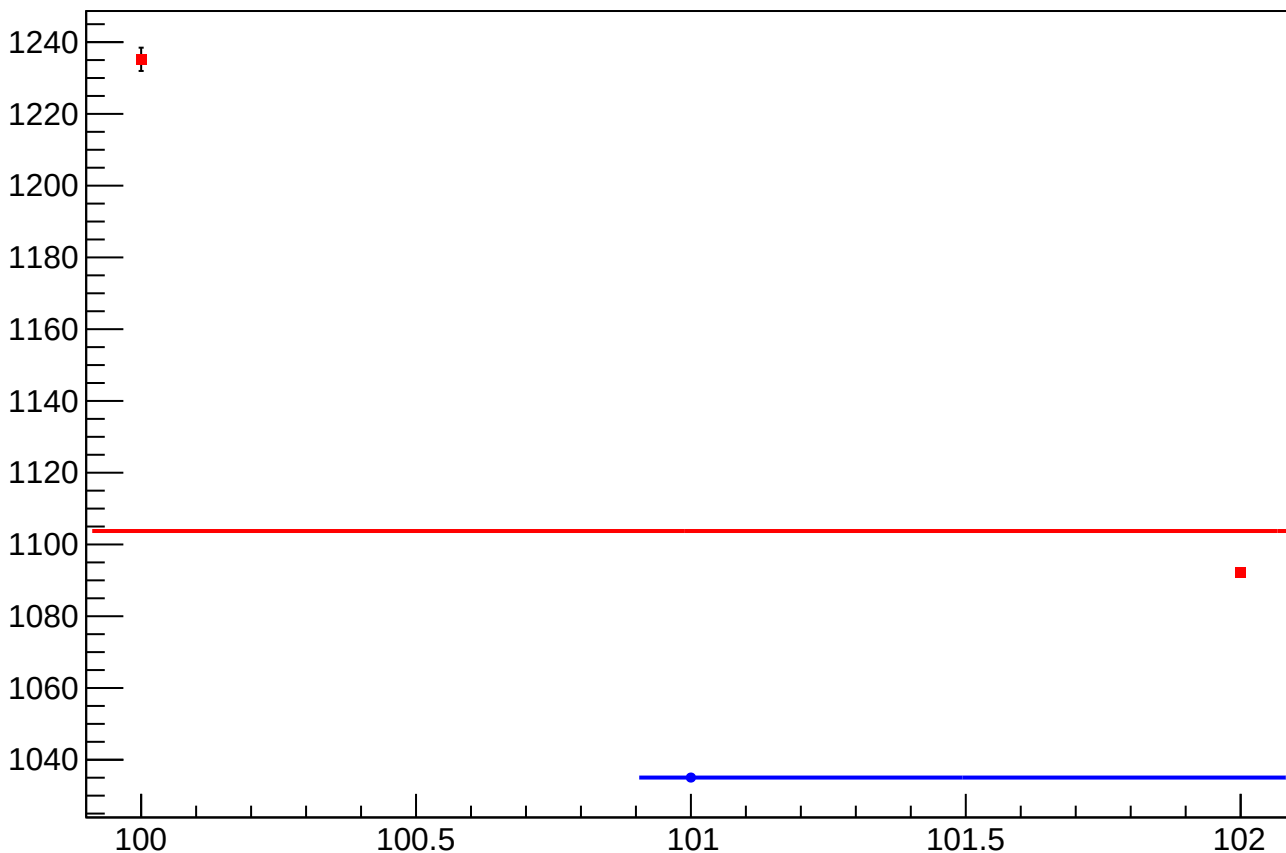
Right: 2903.095+/-910.601 χ^2/NDF : 2.5/2

In: 2112.254+/-1276.451 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2903.095+/-910.601 χ^2/NDF : 2.5/2

overload_cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1035.039+/-0.903 χ^2/NDF : 0.0/0

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

Right Out: 1103.751+/-0.919 χ^2/NDF : 1784.3/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

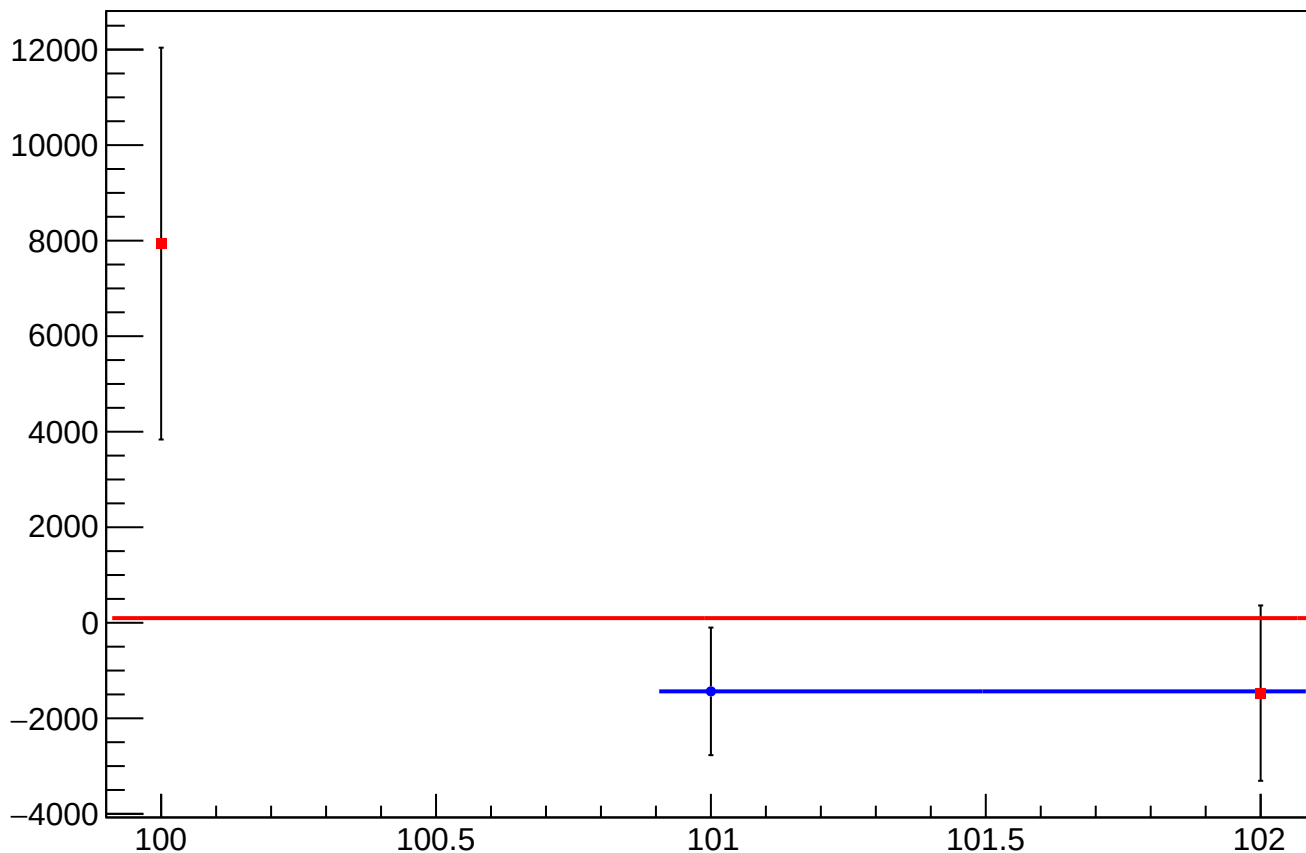
Right: 1068.782+/-0.644 χ^2/NDF : 4630.3/2

In: 1035.039+/-0.903 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1068.782+/-0.644 χ^2/NDF : 4630.3/2

asym_usl_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: -1435.741+/-1335.390 χ^2/NDF : 0.0/0

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

Right Out: 97.563+/-1675.330 χ^2/NDF : 4.4/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

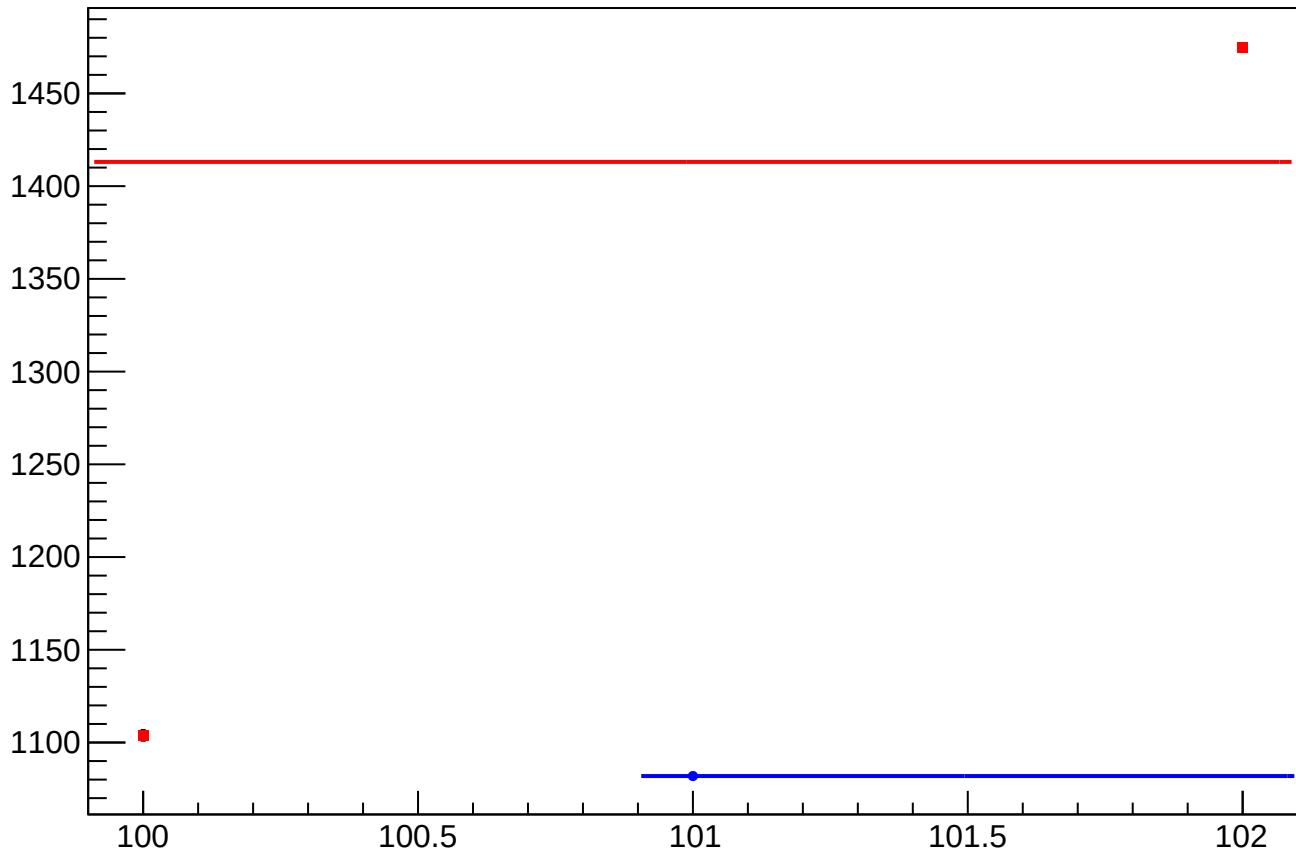
Right: -840.035+/-1044.245 χ^2/NDF : 4.9/2

In: -1435.741+/-1335.390 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -840.035+/-1044.245 χ^2/NDF : 4.9/2

asym_usl_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 1081.917 $\pm$ 0.944 χ^2 /NDF: 0.0/0

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

Right Out: 1413.069 $\pm$ 1.185 χ^2 /NDF: 13642.5/1

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

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

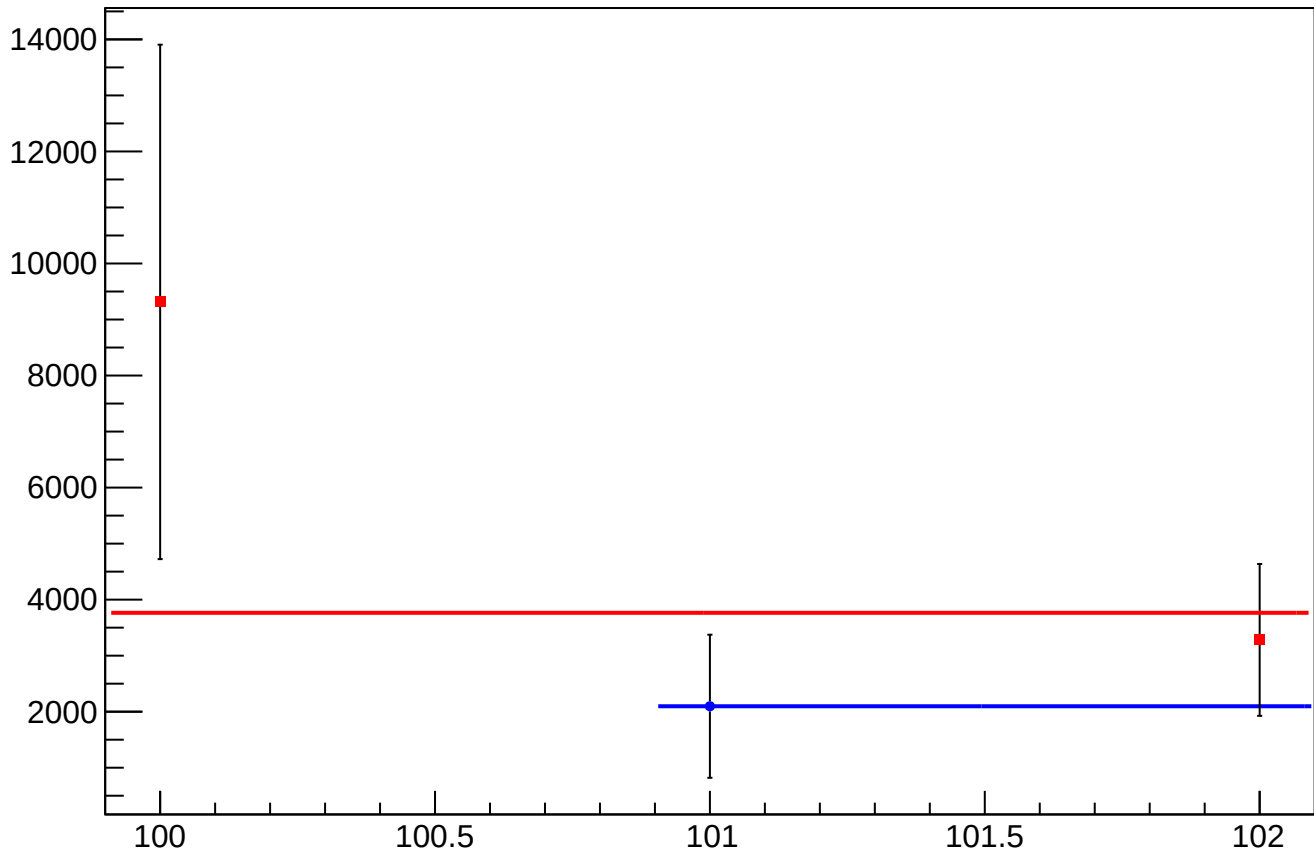
Right: 1210.573 $\pm$ 0.738 χ^2 /NDF: 61425.4/2

In: 1081.917 $\pm$ 0.944 χ^2 /NDF: 0.0/0

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

All: 1210.573 $\pm$ 0.738 χ^2 /NDF: 61425.4/2

eigen_cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 2097.033+/-1277.084 χ^2/NDF : 0.0/0

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

Right Out: 3765.038+/-1300.043 χ^2/NDF : 1.6/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

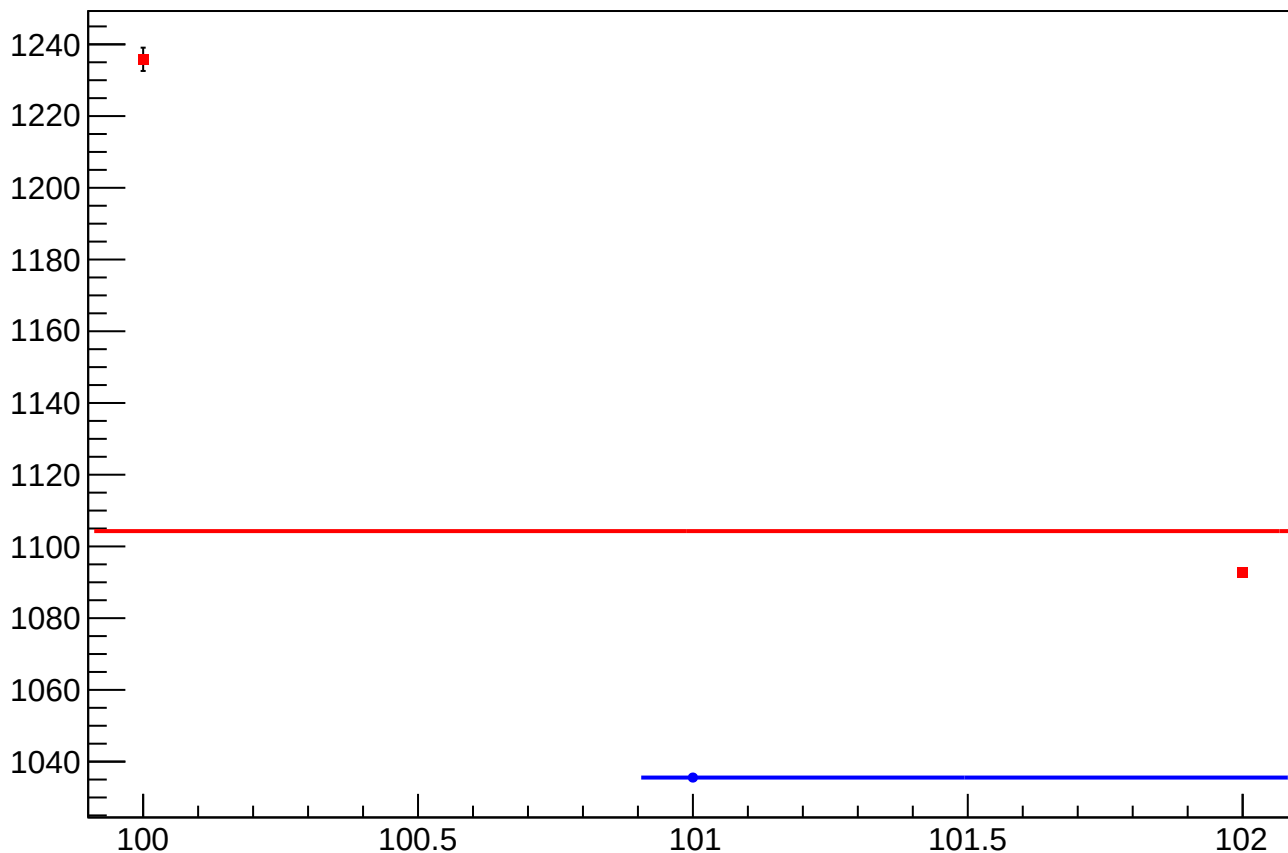
Right: 2916.177+/-911.043 χ^2/NDF : 2.4/2

In: 2097.033+/-1277.084 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2916.177+/-911.043 χ^2/NDF : 2.4/2

eigen_cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1035.554+/-0.903 χ^2/NDF : 0.0/0

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

Right Out: 1104.275+/-0.919 χ^2/NDF : 1785.0/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

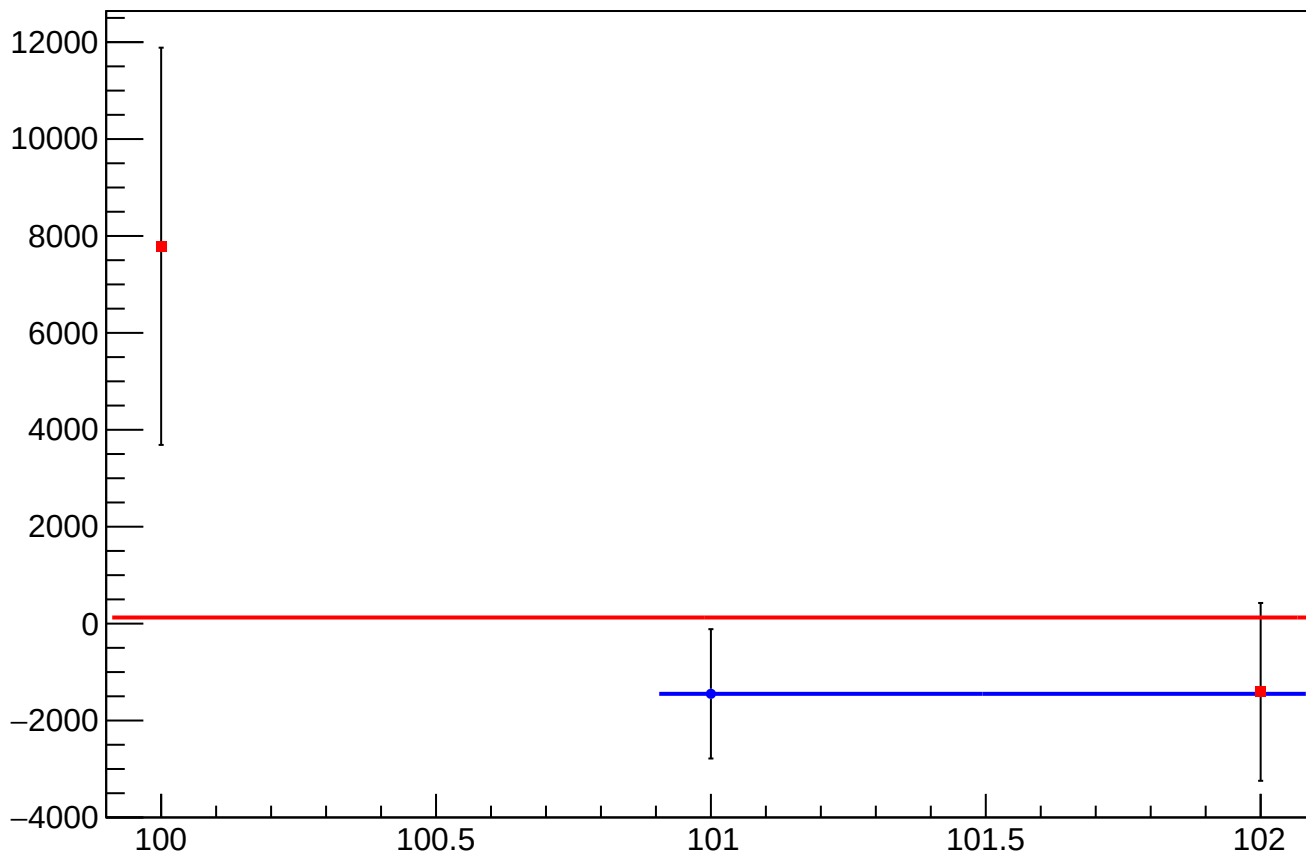
Right: 1069.302+/-0.644 χ^2/NDF : 4629.1/2

In: 1035.554+/-0.903 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1069.302+/-0.644 χ^2/NDF : 4629.1/2

asym_usl_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1449.042+/-1334.778 χ^2/NDF : 0.0/0

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

Right Out: 126.312+/-1674.788 χ^2/NDF : 4.2/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

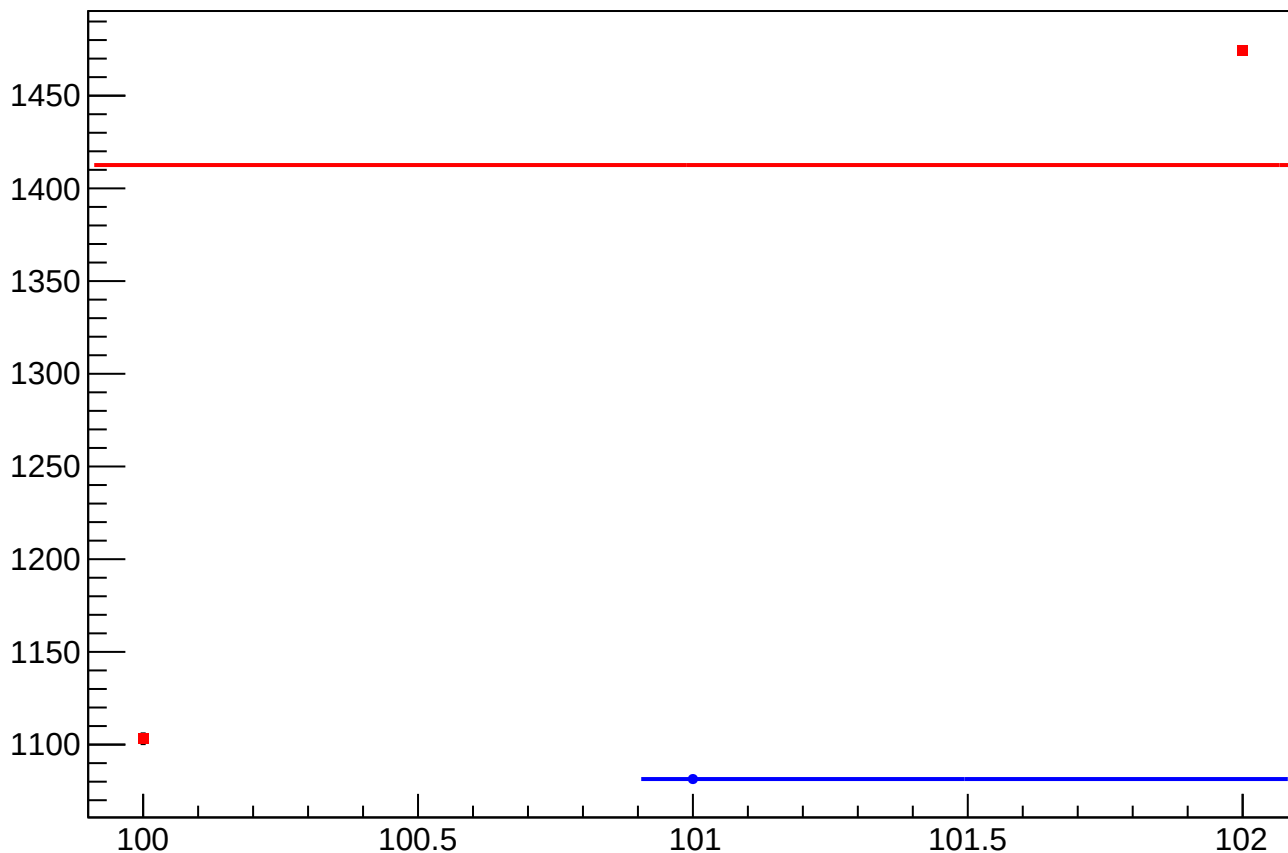
Right: -837.100+/-1043.821 χ^2/NDF : 4.7/2

In: -1449.042+/-1334.778 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -837.100+/-1043.821 χ^2/NDF : 4.7/2

asym_usl_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1081.419 $\pm$ 0.944 χ^2 /NDF: 0.0/0

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

Right Out: 1412.588 $\pm$ 1.184 χ^2 /NDF: 13680.9/1

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

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

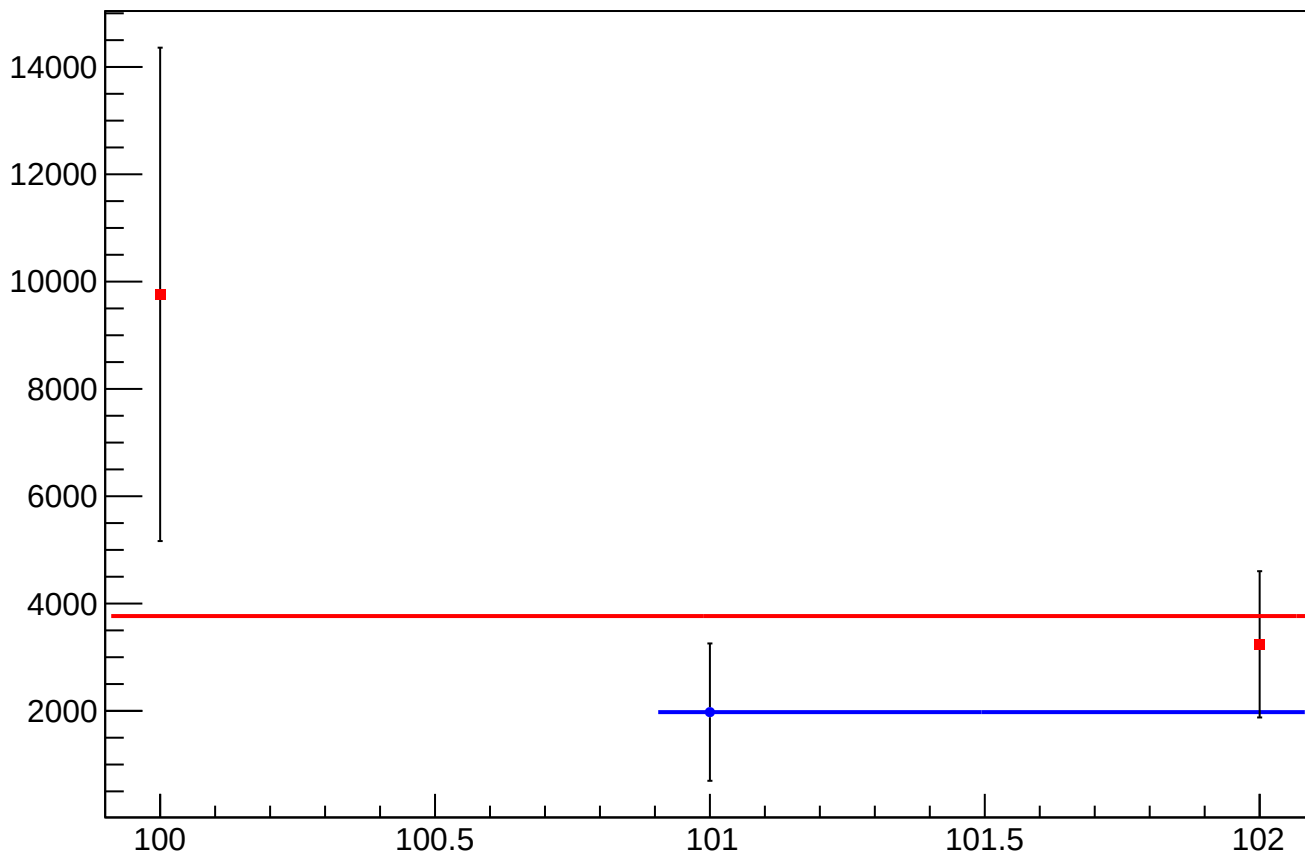
Right: 1210.061 $\pm$ 0.738 χ^2 /NDF: 61504.8/2

In: 1081.419 $\pm$ 0.944 χ^2 /NDF: 0.0/0

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

All: 1210.061 $\pm$ 0.738 χ^2 /NDF: 61504.8/2

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1976.728+/-1279.819 χ^2/NDF : 0.0/0

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

Right Out: 3767.057+/-1306.743 χ^2/NDF : 1.8/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

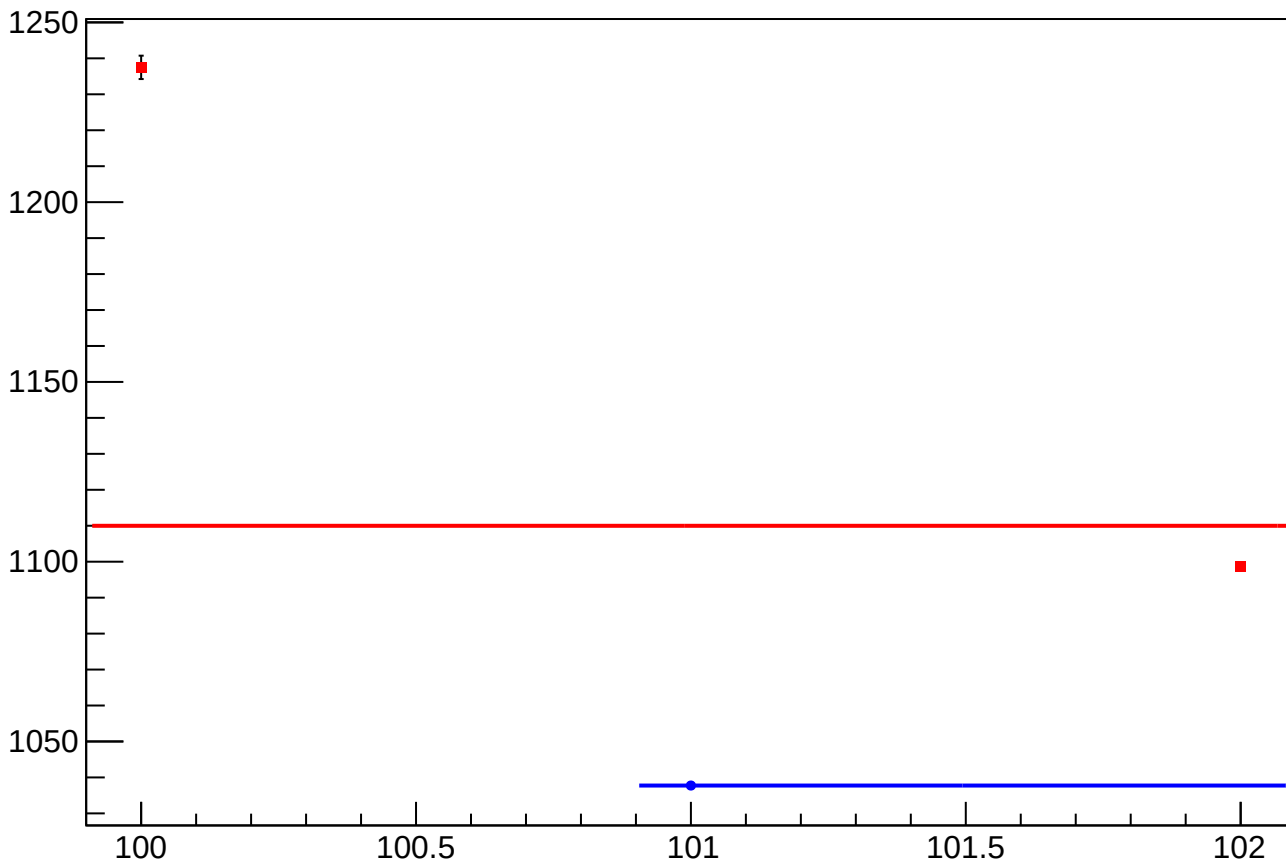
Right: 2853.258+/-914.339 χ^2/NDF : 2.8/2

In: 1976.728+/-1279.819 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2853.258+/-914.339 χ^2/NDF : 2.8/2

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1037.742 $\pm$ 0.905 χ^2 /NDF: 0.0/0

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

Right Out: 1109.985 $\pm$ 0.924 χ^2 /NDF: 1673.5/1

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

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

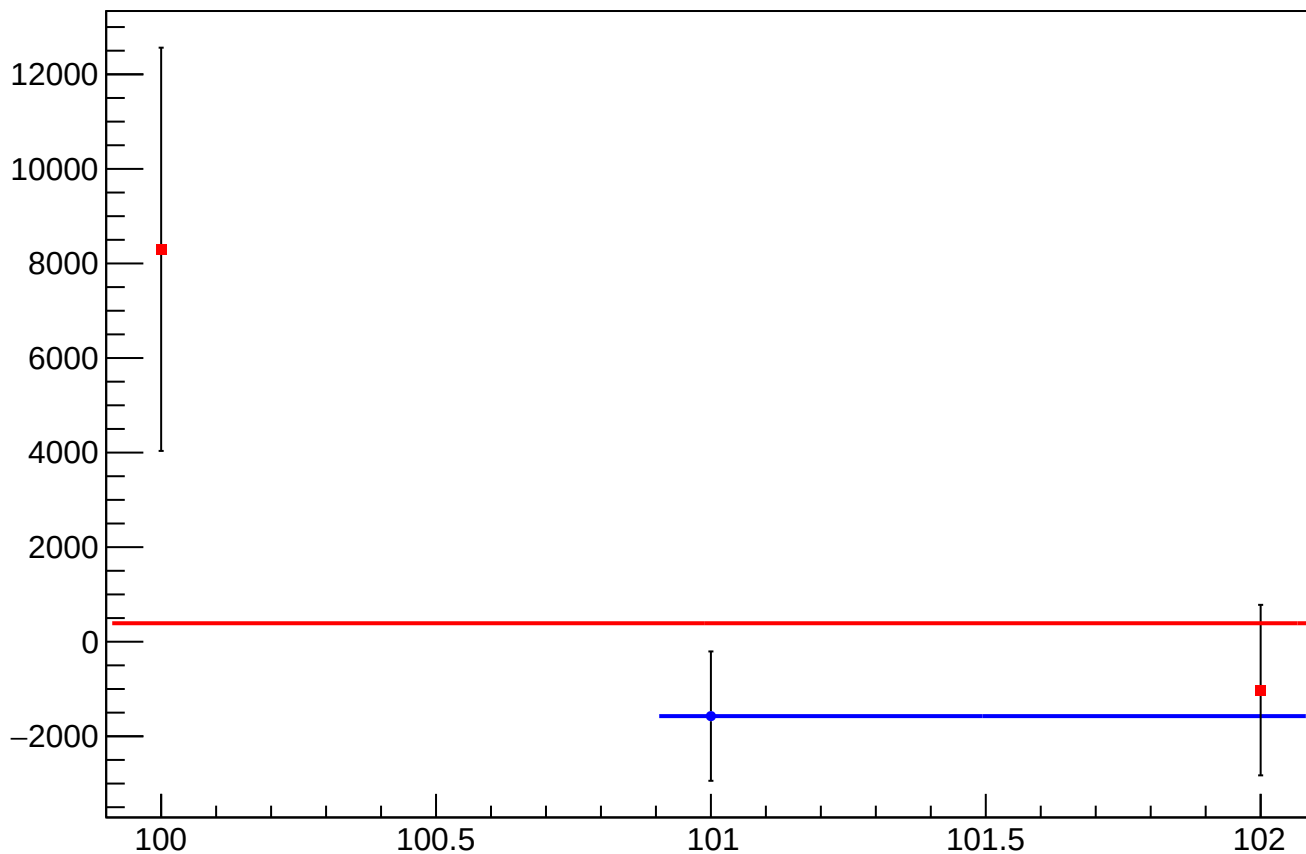
Right: 1073.112 $\pm$ 0.647 χ^2 /NDF: 4793.5/2

In: 1037.742 $\pm$ 0.905 χ^2 /NDF: 0.0/0

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

All: 1073.112 $\pm$ 0.647 χ^2 /NDF: 4793.5/2

asym_usl_dit_correction_mean vs Slug, Sign Corrected



Right In: -1573.543+/-1368.010 χ^2/NDF : 0.0/0

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

Right Out: 390.653+/-1660.762 χ^2/NDF : 4.1/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

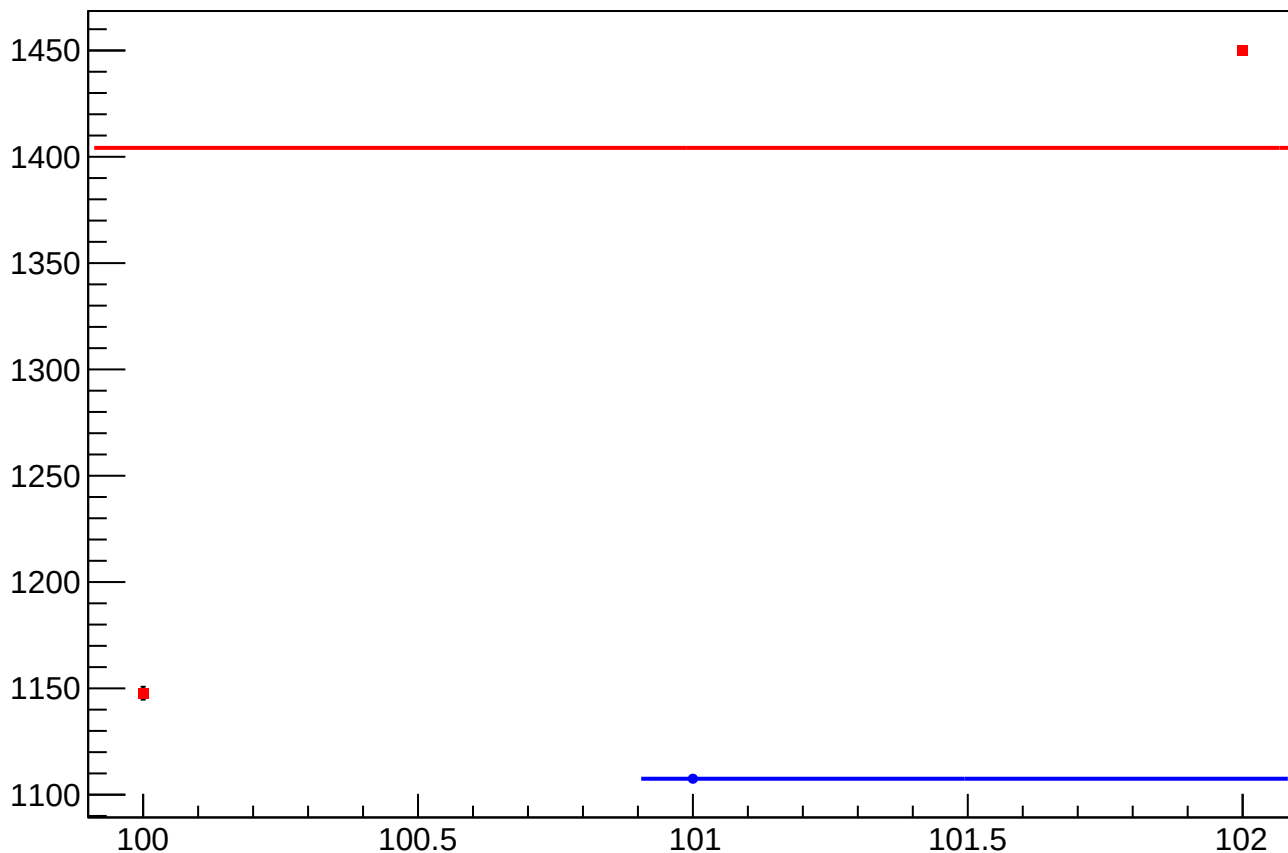
Right: -779.541+/-1055.907 χ^2/NDF : 4.9/2

In: -1573.543+/-1368.010 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -779.541+/-1055.907 χ^2/NDF : 4.9/2

asym_usl_dit_correction_rms vs Slug, Sign Corrected



Right In: 1107.500 $\pm$ 0.967 χ^2 /NDF: 0.0/0

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

Right Out: 1404.194 $\pm$ 1.174 χ^2 /NDF: 8526.7/1

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

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

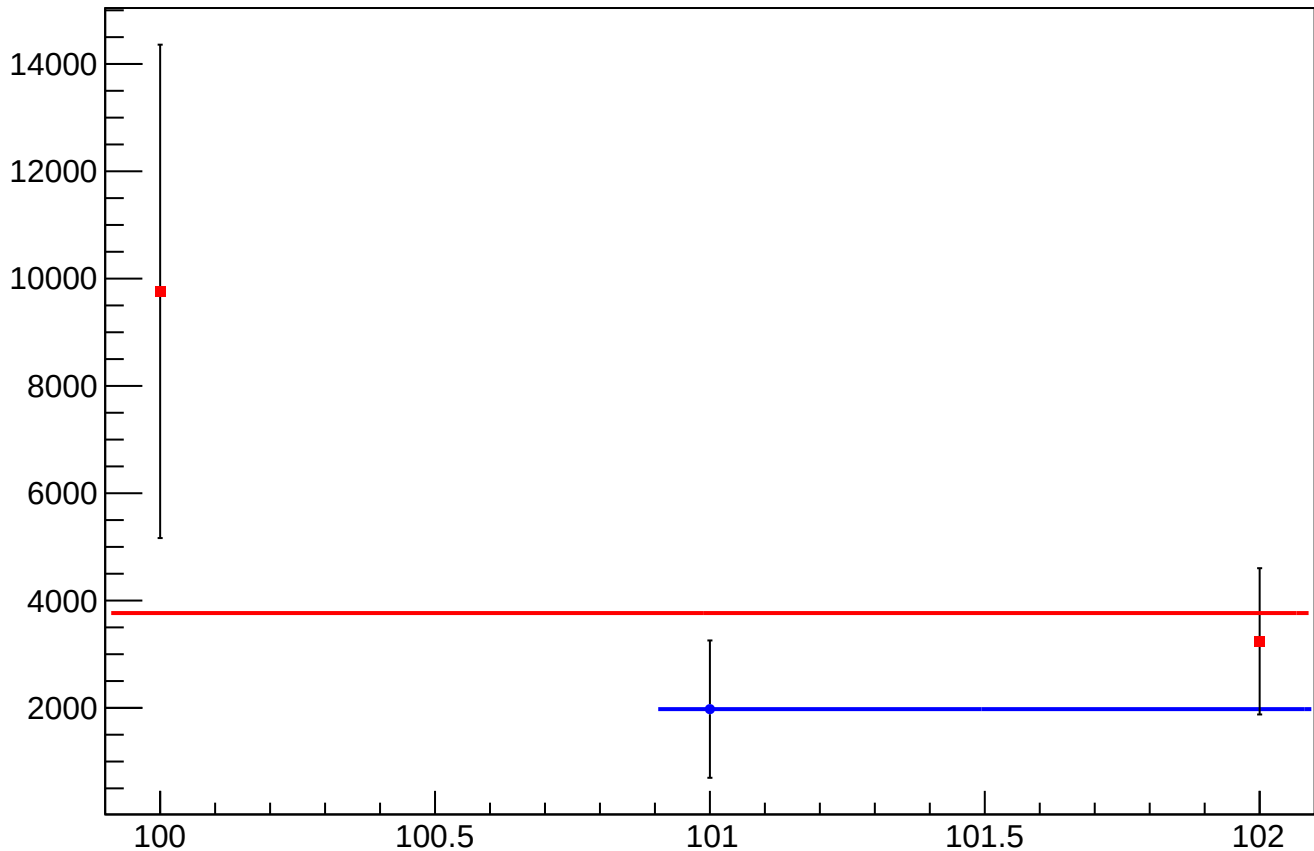
Right: 1227.435 $\pm$ 0.747 χ^2 /NDF: 46554.9/2

In: 1107.500 $\pm$ 0.967 χ^2 /NDF: 0.0/0

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

All: 1227.435 $\pm$ 0.747 χ^2 /NDF: 46554.9/2

eigen_dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1976.728+/-1279.819 χ^2/NDF : 0.0/0

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

Right Out: 3767.060+/-1306.744 χ^2/NDF : 1.8/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

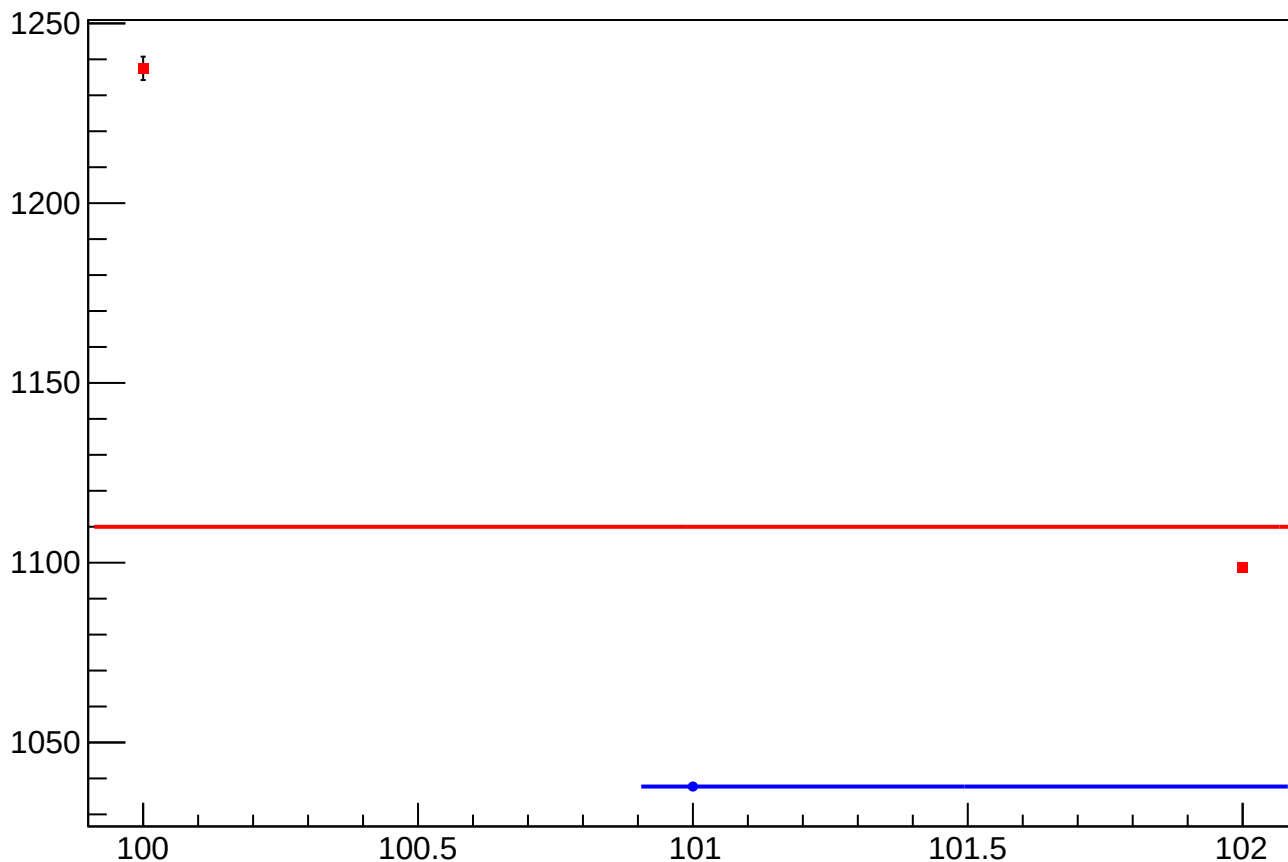
Right: 2853.260+/-914.339 χ^2/NDF : 2.8/2

In: 1976.728+/-1279.819 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2853.260+/-914.339 χ^2/NDF : 2.8/2

eigen_dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1037.742 $\pm$ 0.905 χ^2 /NDF: 0.0/0

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

Right Out: 1109.985 $\pm$ 0.924 χ^2 /NDF: 1673.5/1

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

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

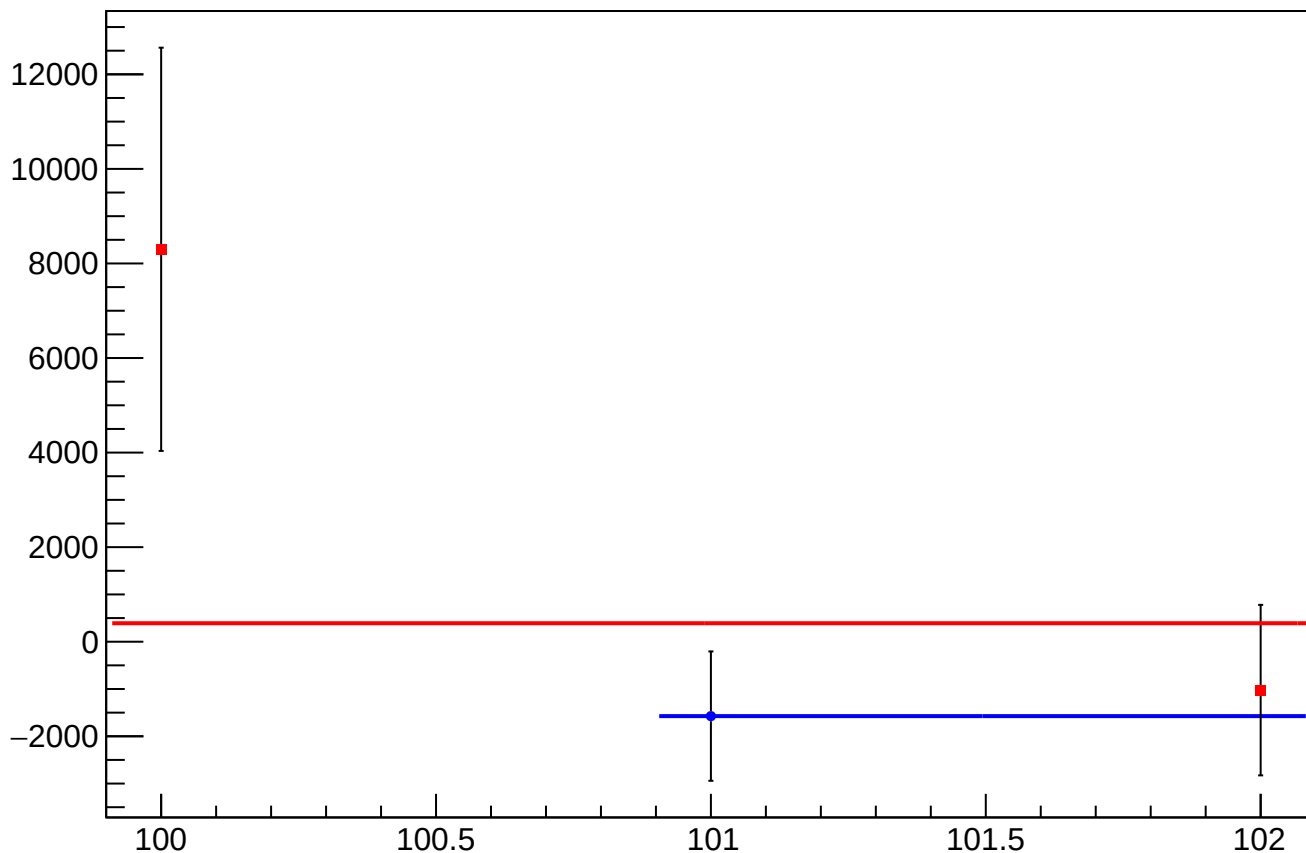
Right: 1073.112 $\pm$ 0.647 χ^2 /NDF: 4793.5/2

In: 1037.742 $\pm$ 0.905 χ^2 /NDF: 0.0/0

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

All: 1073.112 $\pm$ 0.647 χ^2 /NDF: 4793.5/2

asym_usl_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1573.542+/-1368.008 χ^2/NDF : 0.0/0

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

Right Out: 390.652+/-1660.759 χ^2/NDF : 4.1/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

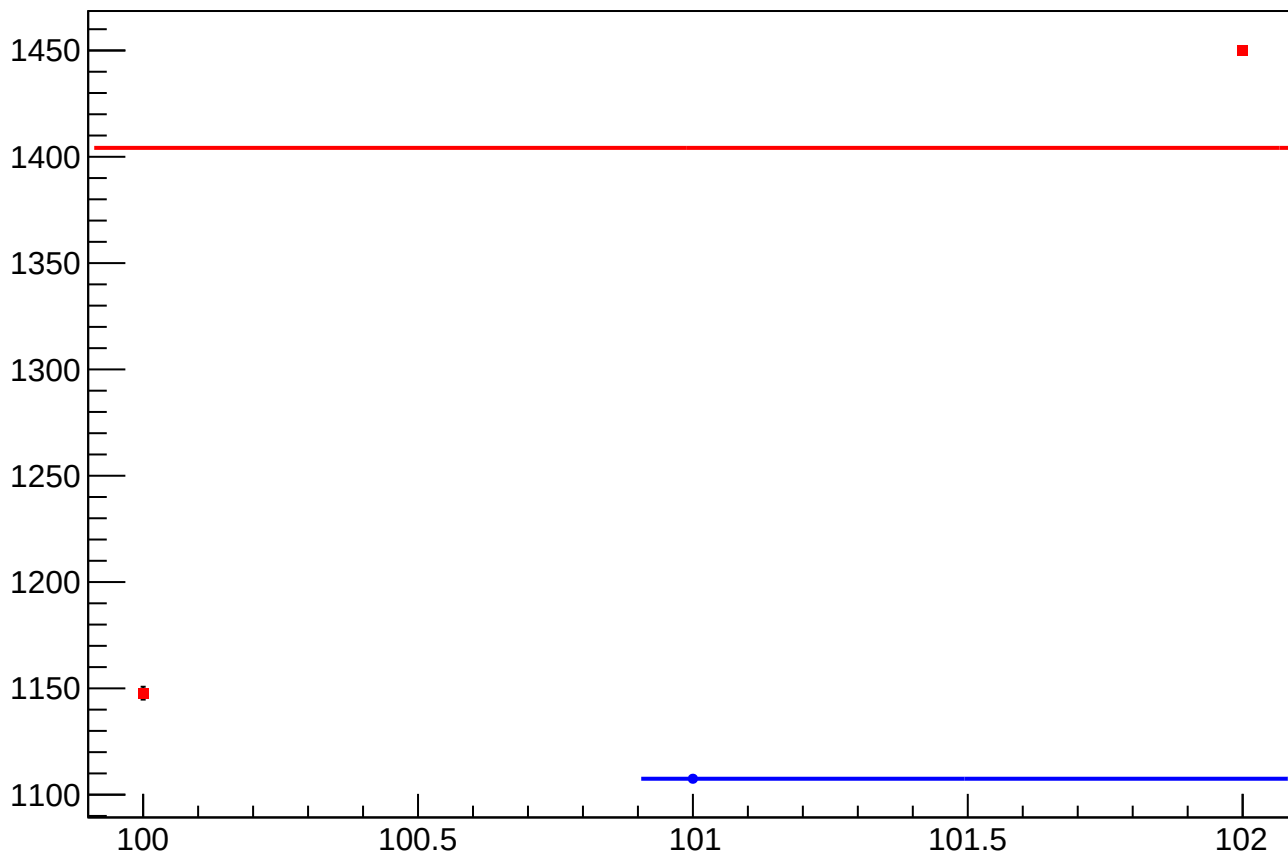
Right: -779.540+/-1055.906 χ^2/NDF : 4.9/2

In: -1573.542+/-1368.008 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -779.540+/-1055.906 χ^2/NDF : 4.9/2

asym_usl_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1107.498 $\pm$ 0.967 χ^2 /NDF: 0.0/0

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

Right Out: 1404.191 $\pm$ 1.174 χ^2 /NDF: 8526.6/1

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

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

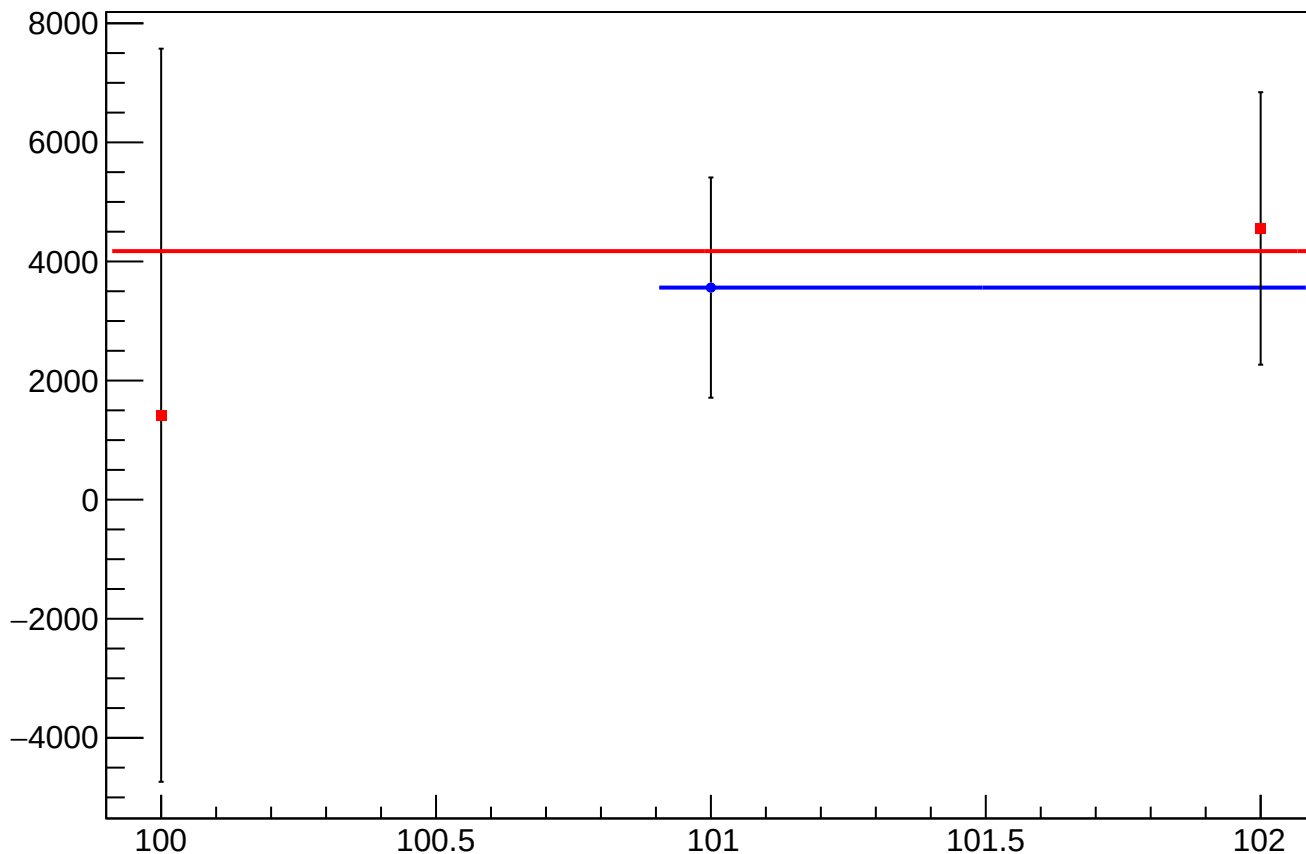
Right: 1227.433 $\pm$ 0.747 χ^2 /NDF: 46554.7/2

In: 1107.498 $\pm$ 0.967 χ^2 /NDF: 0.0/0

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

All: 1227.433 $\pm$ 0.747 χ^2 /NDF: 46554.7/2

asym_usl_mean vs Slug, Sign Corrected



Right In: 3561.334+/-1849.247 χ^2/NDF : 0.0/0

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

Right Out: 4173.891+/-2144.539 χ^2/NDF : 0.2/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

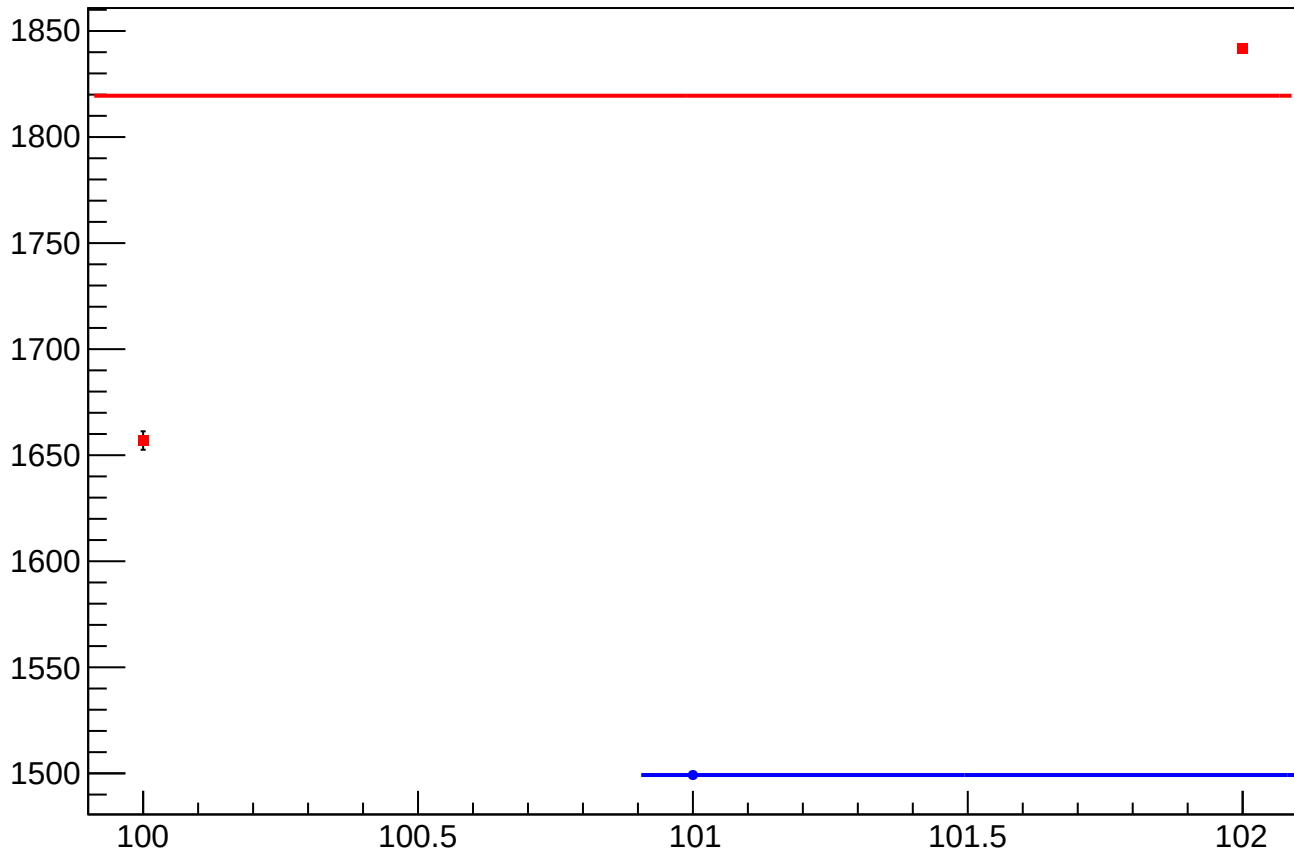
Right: 3822.567+/-1400.475 χ^2/NDF : 0.3/2

In: 3561.334+/-1849.247 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3822.567+/-1400.475 χ^2/NDF : 0.3/2

asym_usl_rms vs Slug, Sign Corrected



Right In: 1499.215+/-1.308 χ^2/NDF : 0.0/0

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

Right Out: 1819.482+/-1.516 χ^2/NDF : 1587.4/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

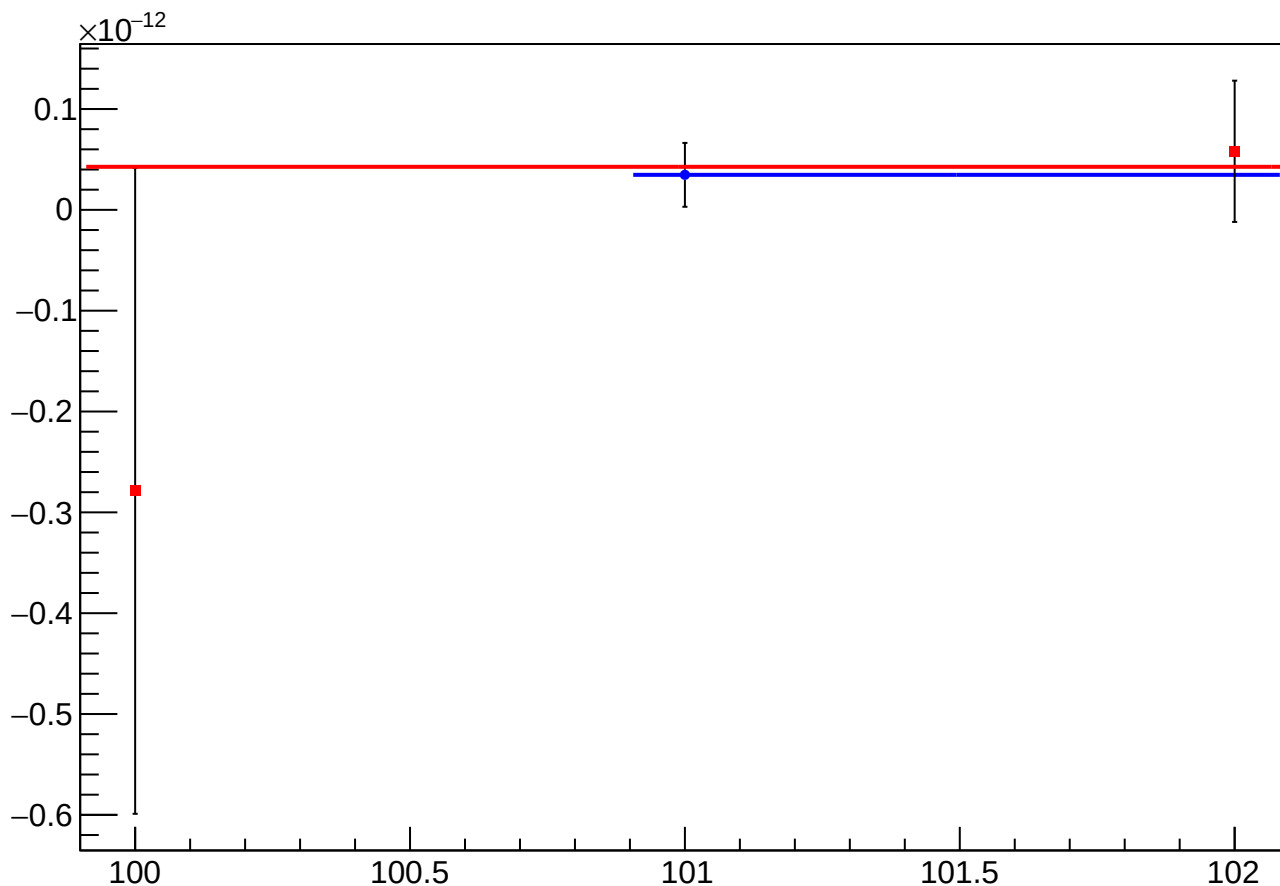
Right: 1635.797+/-0.990 χ^2/NDF : 27170.1/2

In: 1499.215+/-1.308 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1635.797+/-0.990 χ^2/NDF : 27170.1/2

asym_usl_reg_vs_cor_diff_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 : 1.1/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

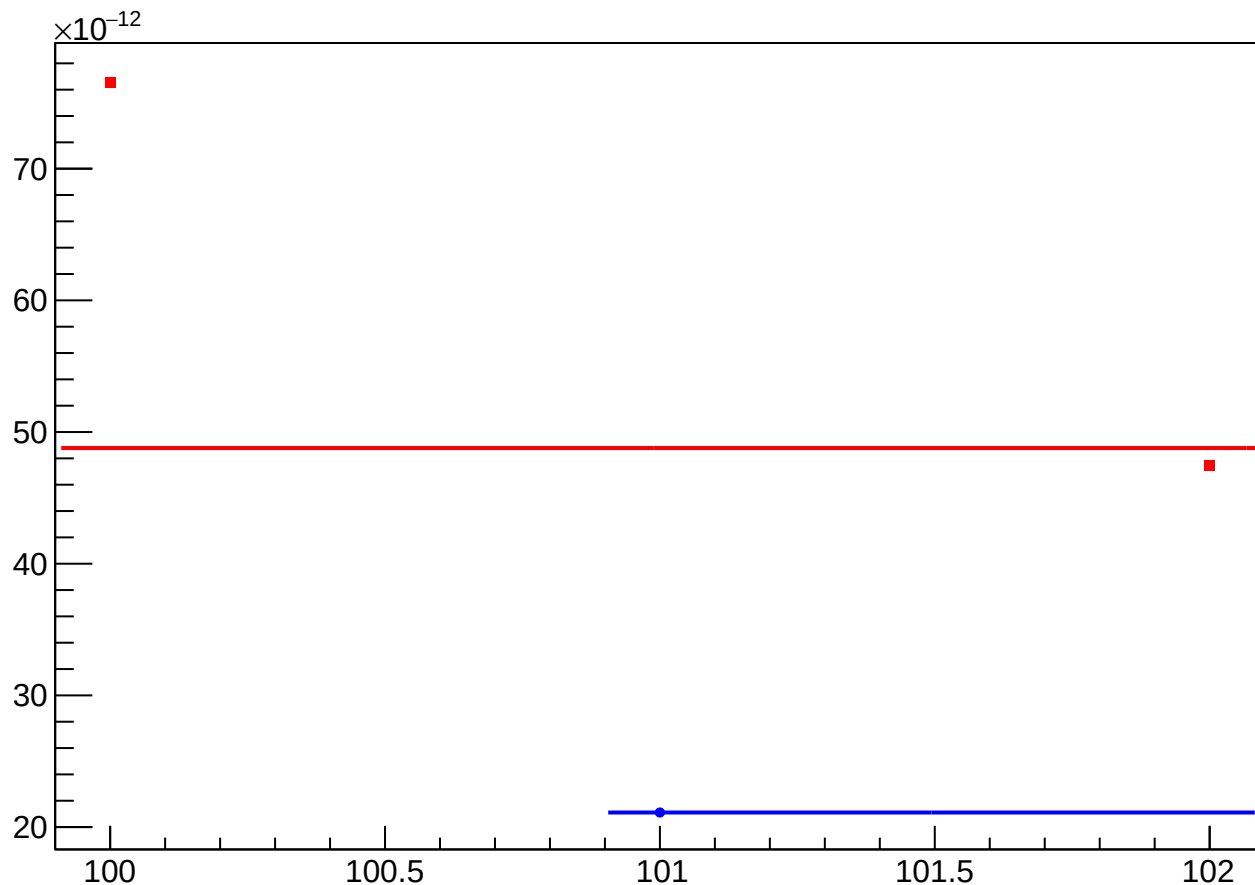
Right: 0.000+/-0.000 χ^2/NDF : 1.1/2

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 : 1.1/2

asym_usl_reg_vs_cor_diff_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 : 15735.3/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

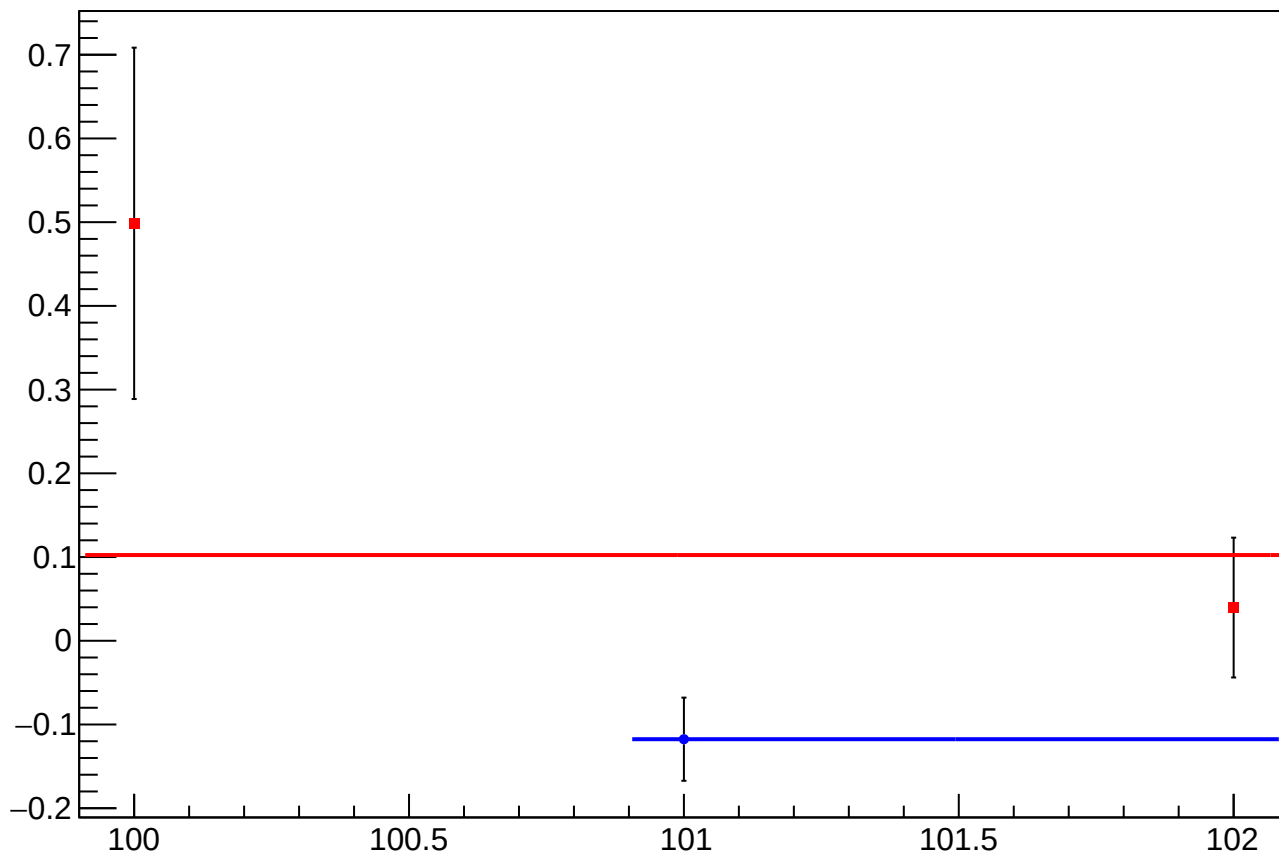
Right: 0.000+/-0.000 χ^2/NDF : 285263.3/2

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 : 285263.3/2

asym_usl_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.118 $\pm$ 0.050 χ^2 /NDF: 0.0/0

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

Right Out: 0.102 $\pm$ 0.078 χ^2 /NDF: 4.1/1

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

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

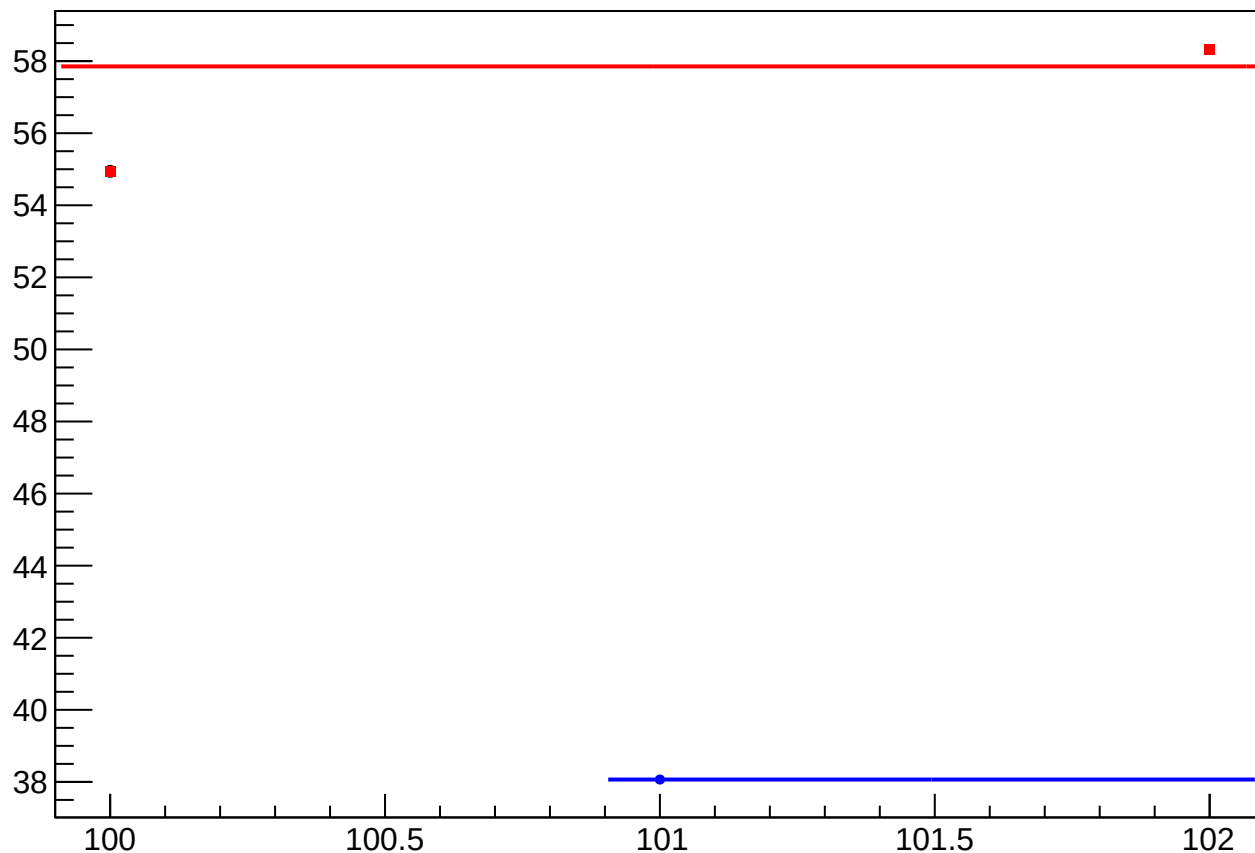
Right: -0.054 $\pm$ 0.042 χ^2 /NDF: 9.8/2

In: -0.118 $\pm$ 0.050 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.054 $\pm$ 0.042 χ^2 /NDF: 9.8/2

asym_usl_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.066+/-0.035 χ^2/NDF : 0.0/0

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

Right Out: 57.853+/-0.055 χ^2/NDF : 445.4/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

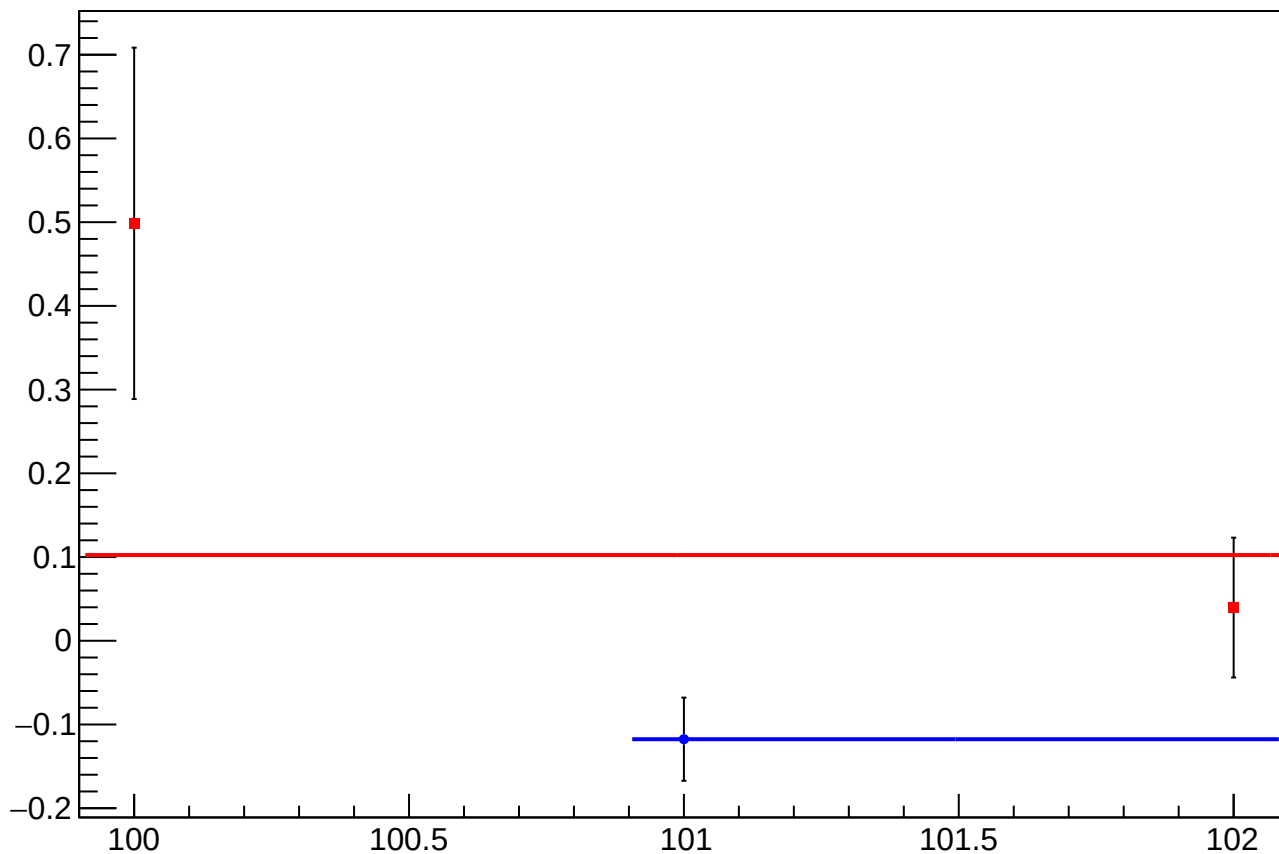
Right: 43.819+/-0.030 χ^2/NDF : 92710.4/2

In: 38.066+/-0.035 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.819+/-0.030 χ^2/NDF : 92710.4/2

asym_usl_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.118+/-0.050 χ^2/NDF : 0.0/0

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

Right Out: 0.102+/-0.078 χ^2/NDF : 4.1/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

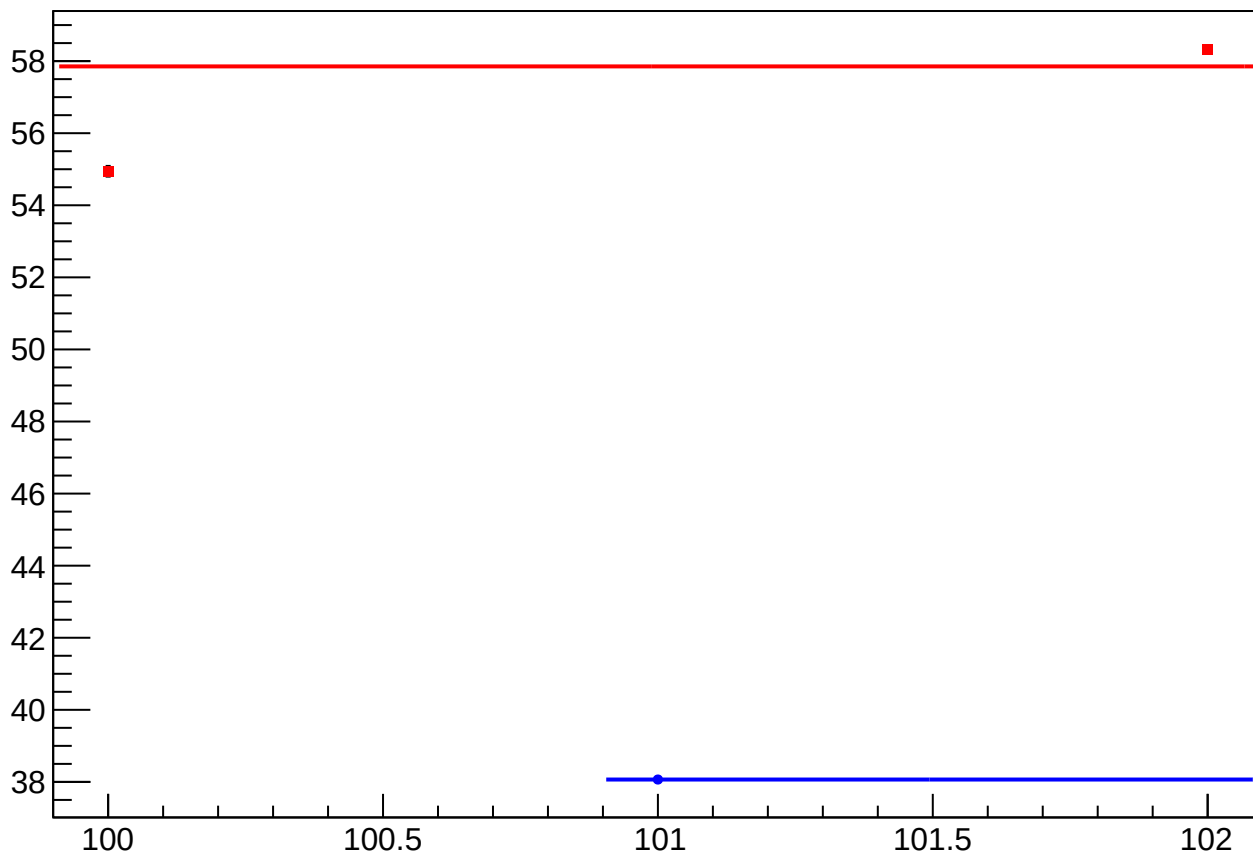
Right: -0.054+/-0.042 χ^2/NDF : 9.8/2

In: -0.118+/-0.050 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.054+/-0.042 χ^2/NDF : 9.8/2

asym_usl_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.066+/-0.035 χ^2/NDF : 0.0/0

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

Right Out: 57.853+/-0.055 χ^2/NDF : 445.4/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

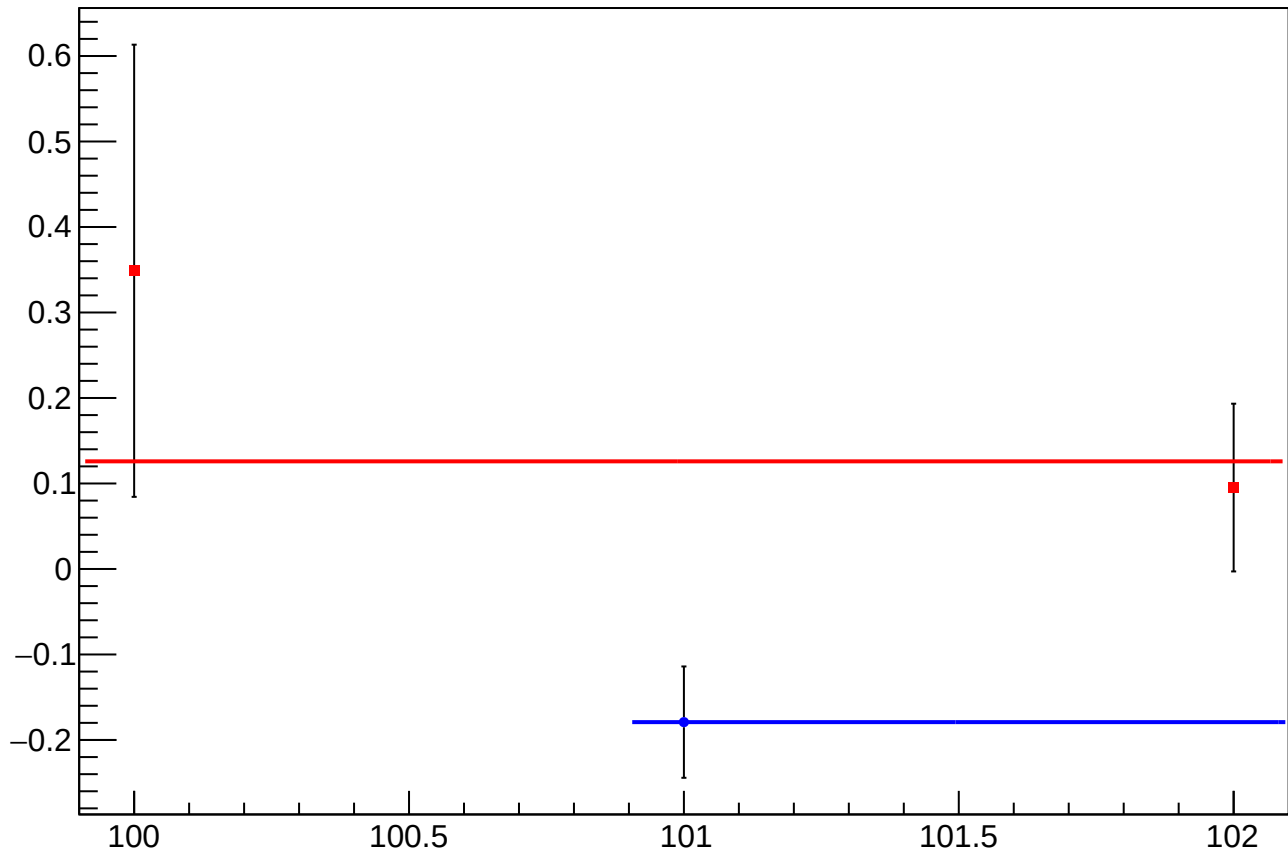
Right: 43.819+/-0.030 χ^2/NDF : 92710.4/2

In: 38.066+/-0.035 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.819+/-0.030 χ^2/NDF : 92710.4/2

asym_usl_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.179+/-0.065 χ^2/NDF : 0.0/0

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

Right Out: 0.126+/-0.092 χ^2/NDF : 0.8/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

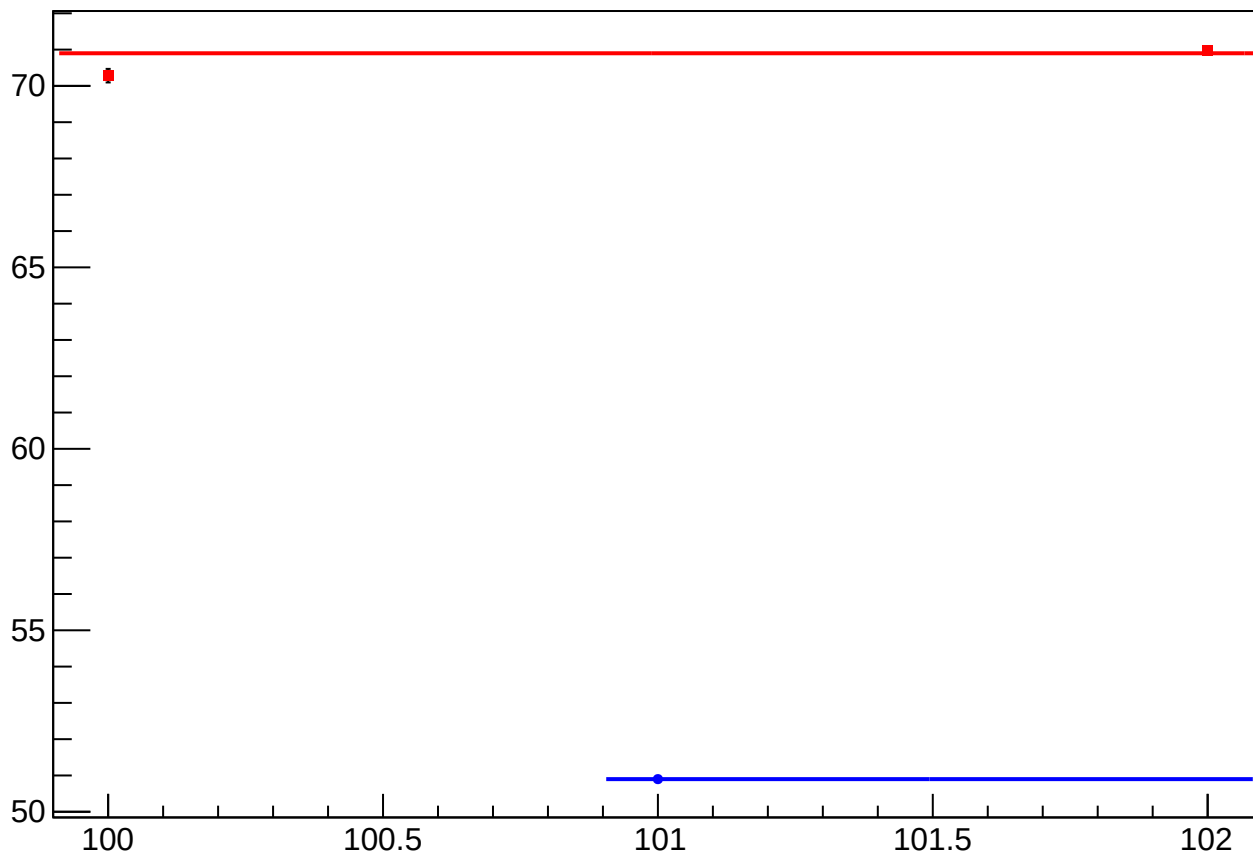
Right: -0.077+/-0.053 χ^2/NDF : 8.1/2

In: -0.179+/-0.065 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.077+/-0.053 χ^2/NDF : 8.1/2

asym_usl_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.899+/-0.046 χ^2/NDF : 0.0/0

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

Right Out: 70.899+/-0.065 χ^2/NDF : 12.4/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

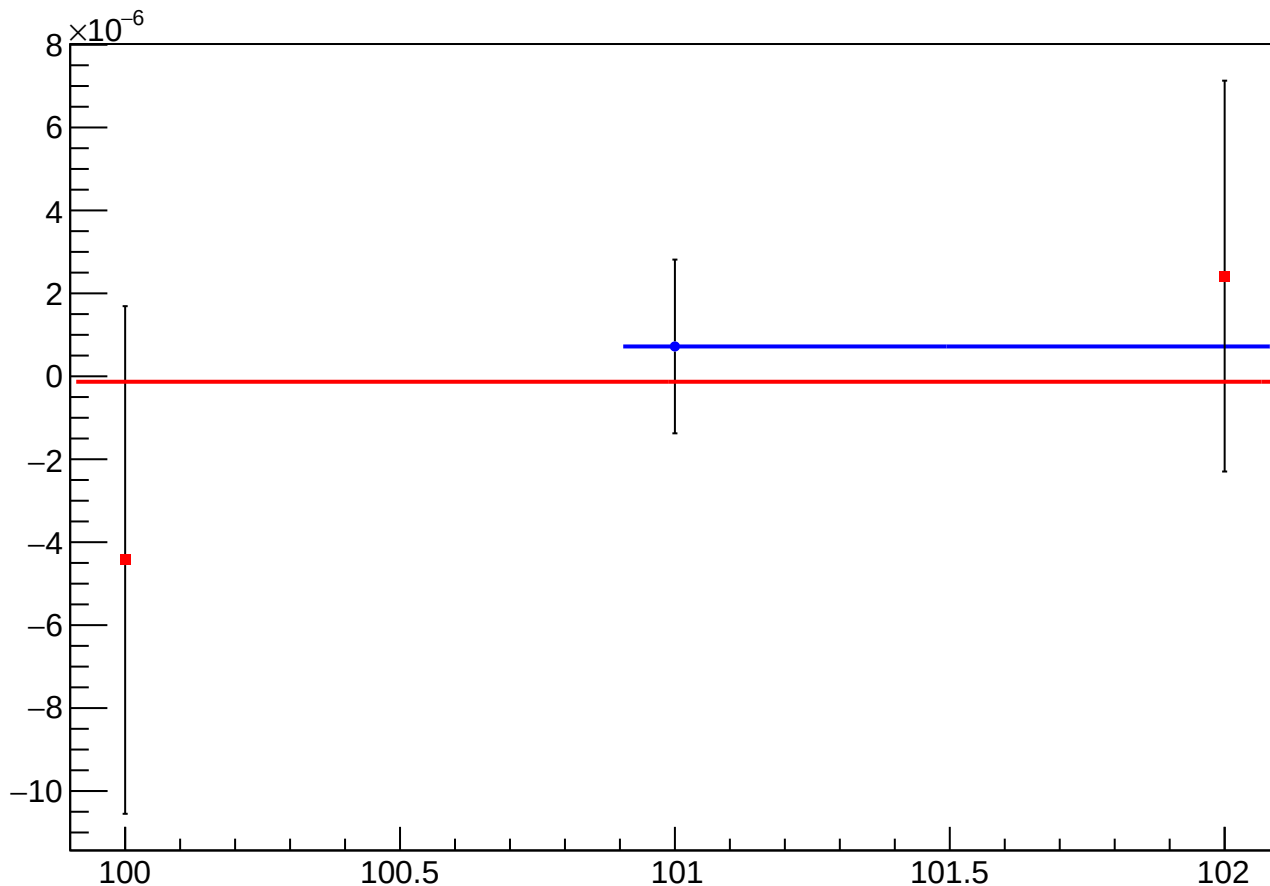
Right: 57.577+/-0.038 χ^2/NDF : 63011.6/2

In: 50.899+/-0.046 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.577+/-0.038 χ^2/NDF : 63011.6/2

asym_usl_eigen_dit_vs_dit_diff_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 : 0.8/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

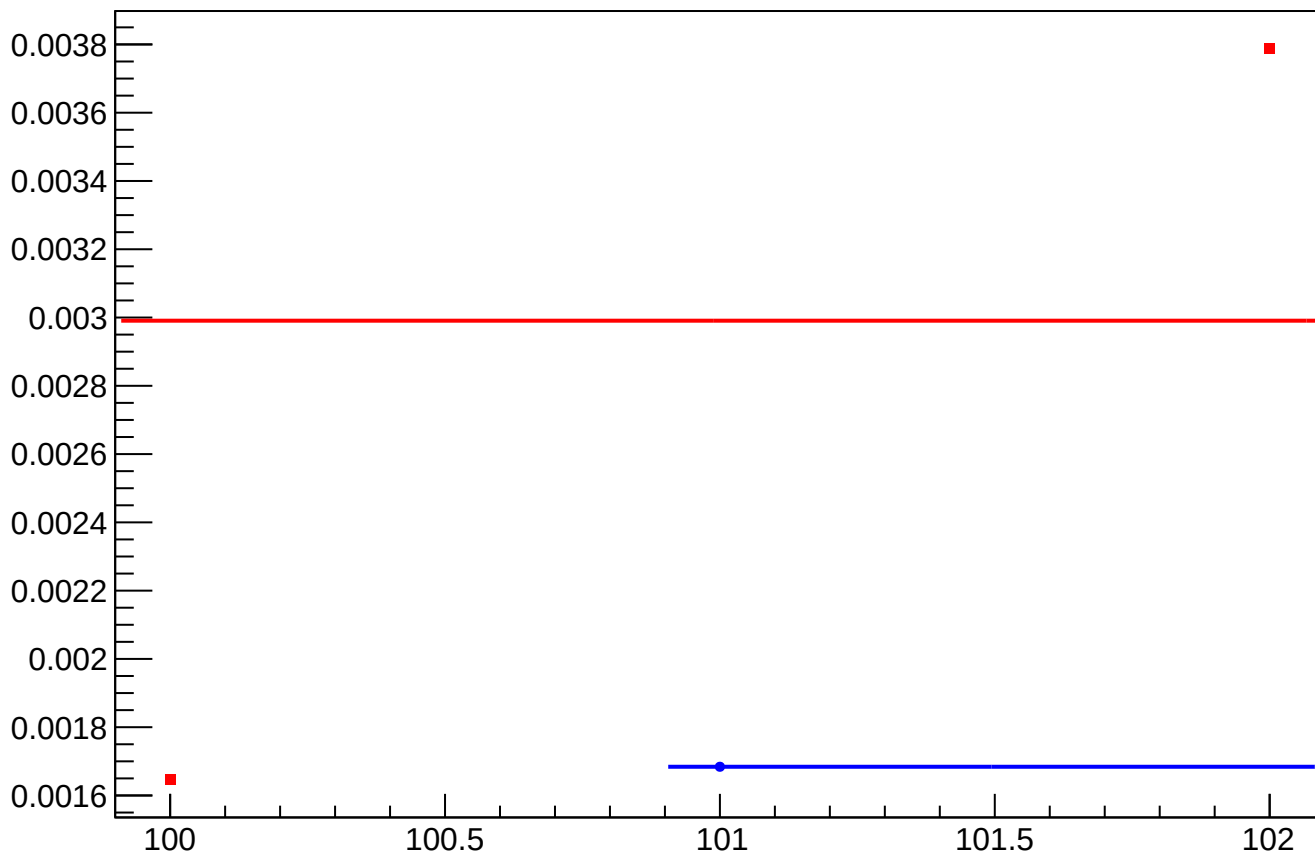
Right: 0.000+/-0.000 χ^2/NDF : 0.8/2

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 : 0.8/2

asym_usl_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.003+/-0.000 χ^2/NDF : 153488.6/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

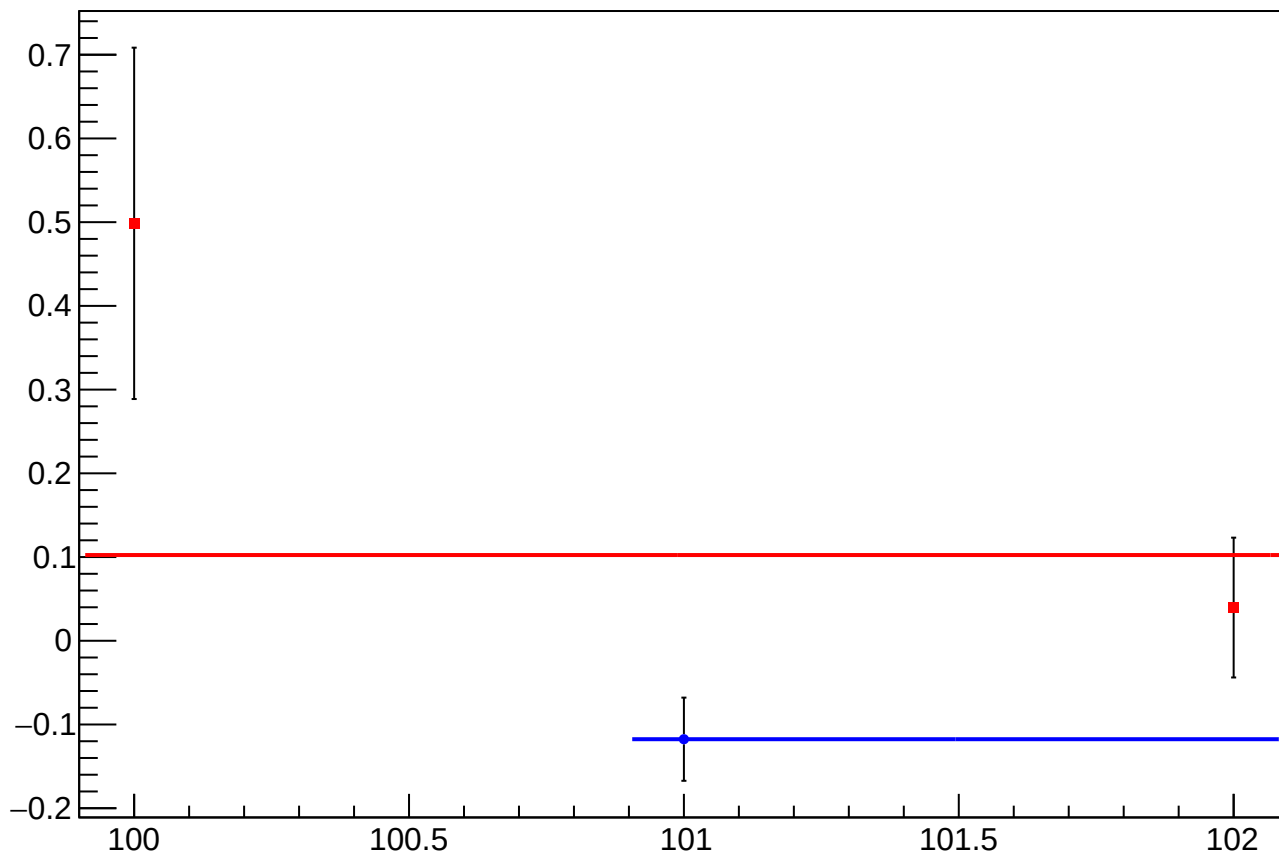
Right: 0.002+/-0.000 χ^2/NDF : 339785.8/2

In: 0.002+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 339785.8/2

asym_usl_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.118+/-0.050 χ^2/NDF : 0.0/0

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

Right Out: 0.102+/-0.078 χ^2/NDF : 4.1/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

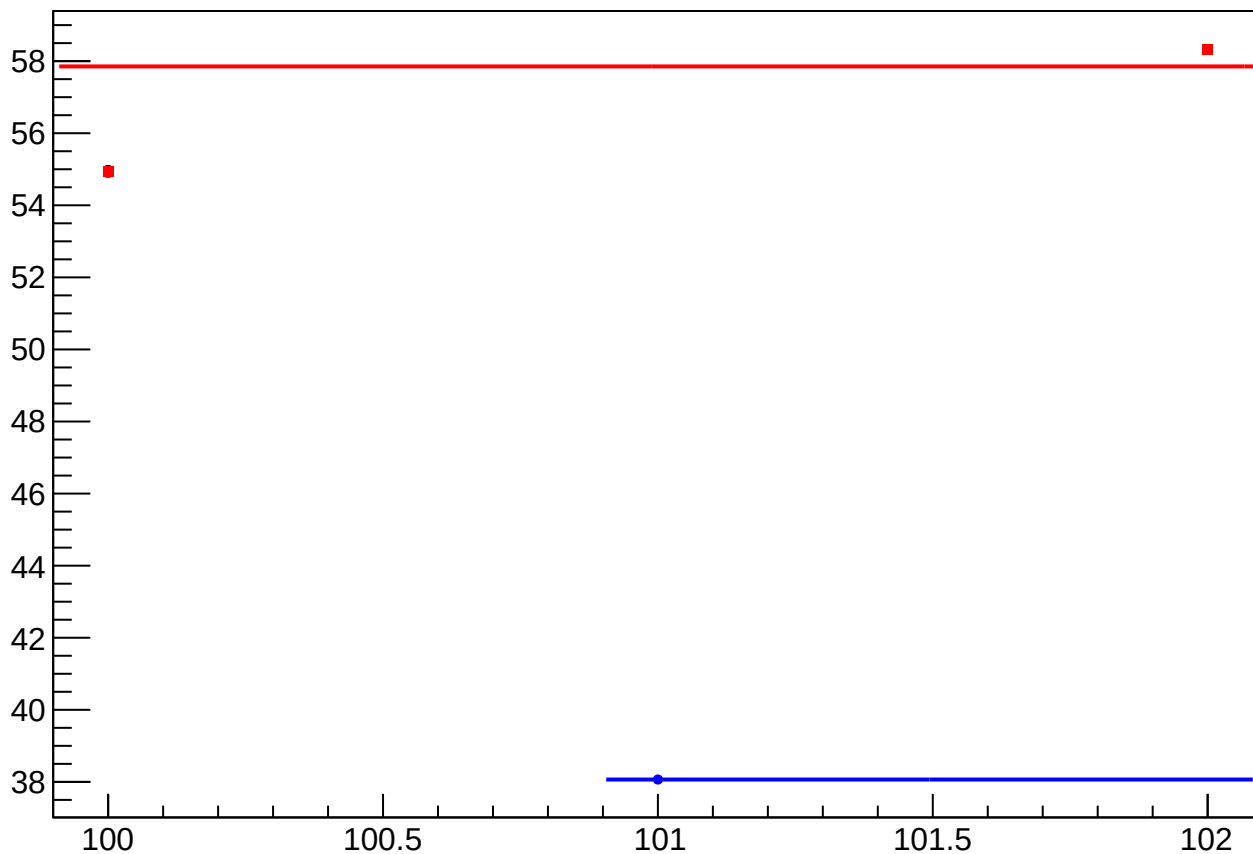
Right: -0.054+/-0.042 χ^2/NDF : 9.8/2

In: -0.118+/-0.050 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.054+/-0.042 χ^2/NDF : 9.8/2

asym_usl_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.065+/-0.035 χ^2/NDF : 0.0/0

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

Right Out: 57.854+/-0.055 χ^2/NDF : 445.9/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

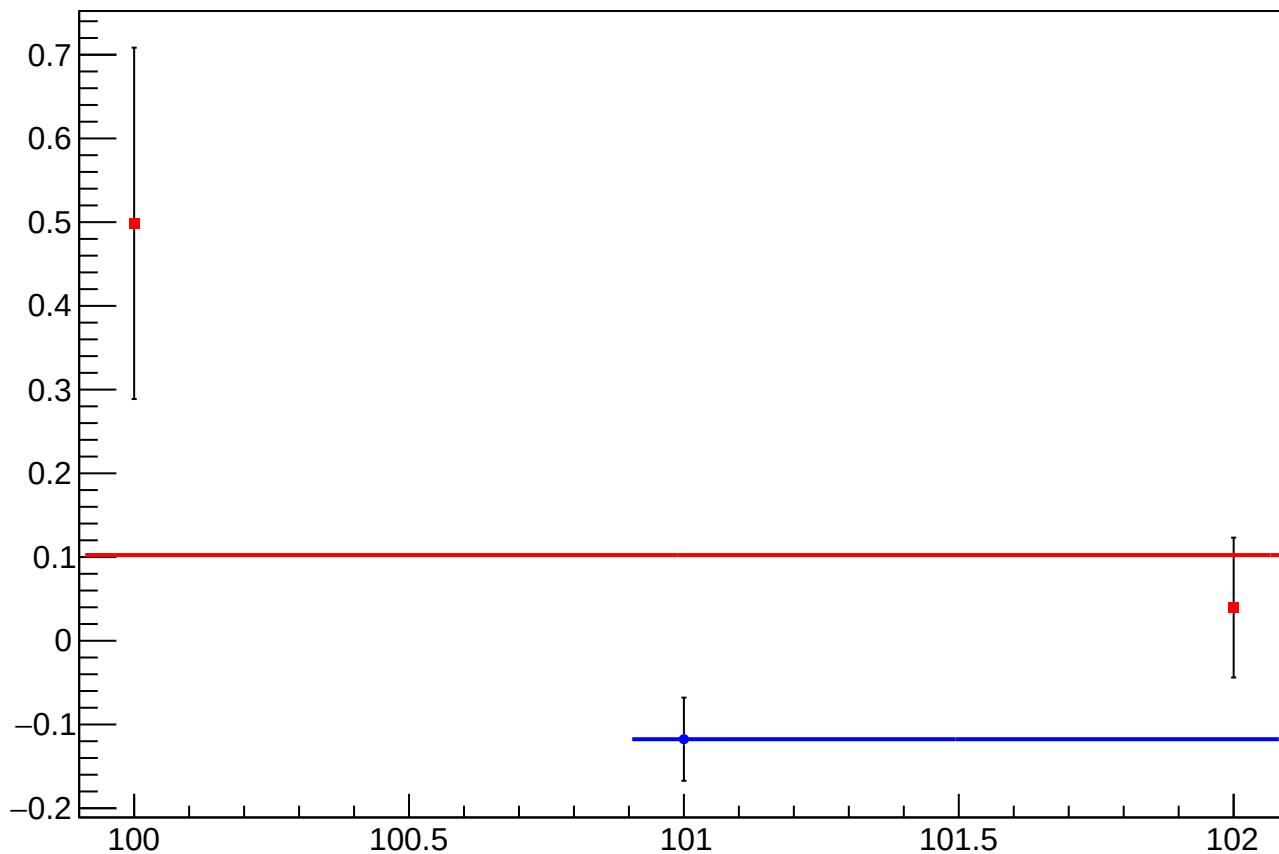
Right: 43.819+/-0.030 χ^2/NDF : 92719.6/2

In: 38.065+/-0.035 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.819+/-0.030 χ^2/NDF : 92719.6/2

asym_usl_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.118 $\pm$ 0.050 χ^2/NDF : 0.0/0

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

Right Out: 0.102 $\pm$ 0.078 χ^2/NDF : 4.1/1

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

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

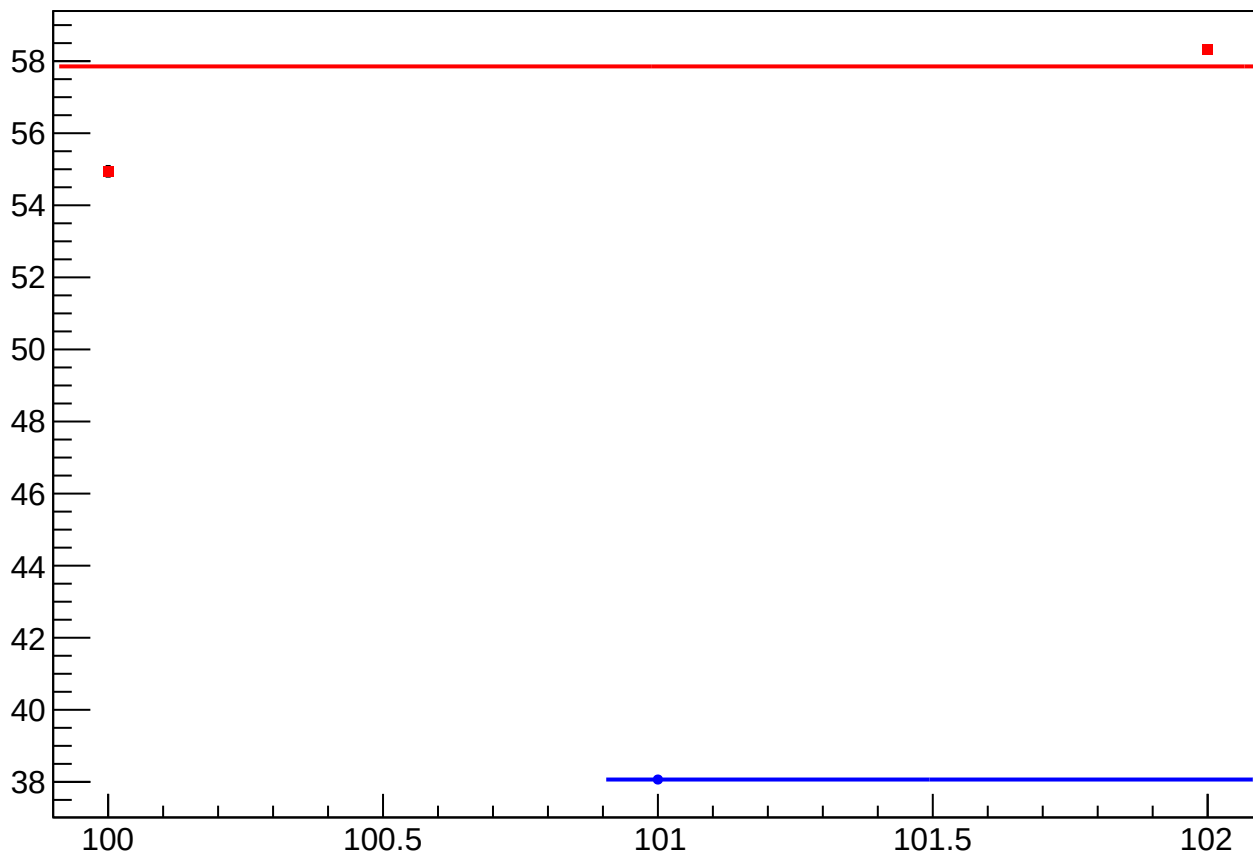
Right: -0.054 $\pm$ 0.042 χ^2/NDF : 9.8/2

In: -0.118 $\pm$ 0.050 χ^2/NDF : 0.0/0

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

All: -0.054 $\pm$ 0.042 χ^2/NDF : 9.8/2

asym_usl_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.065+/-0.035 χ^2/NDF : 0.0/0

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

Right Out: 57.854+/-0.055 χ^2/NDF : 445.9/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

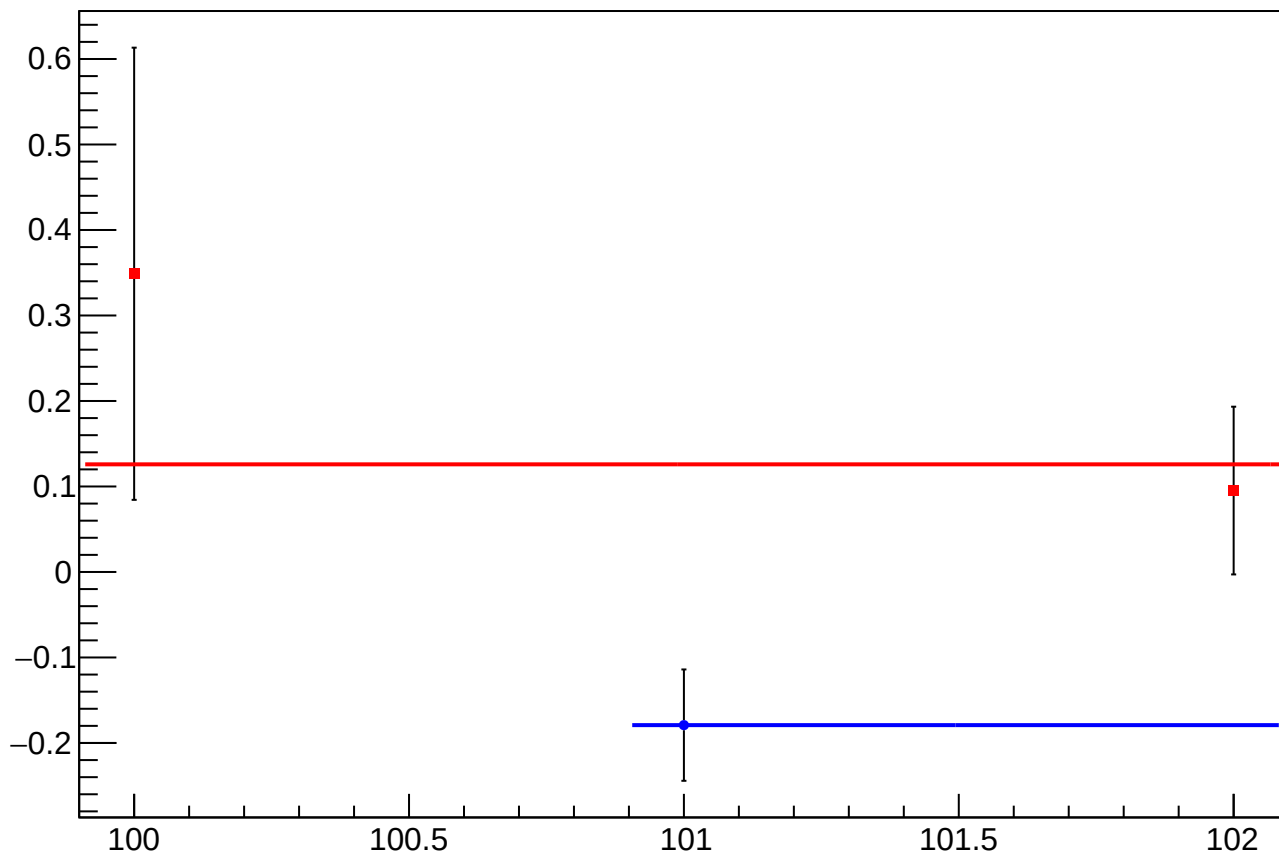
Right: 43.819+/-0.030 χ^2/NDF : 92719.6/2

In: 38.065+/-0.035 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.819+/-0.030 χ^2/NDF : 92719.6/2

asym_usl_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.179+/-0.065 χ^2/NDF : 0.0/0

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

Right Out: 0.126+/-0.092 χ^2/NDF : 0.8/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

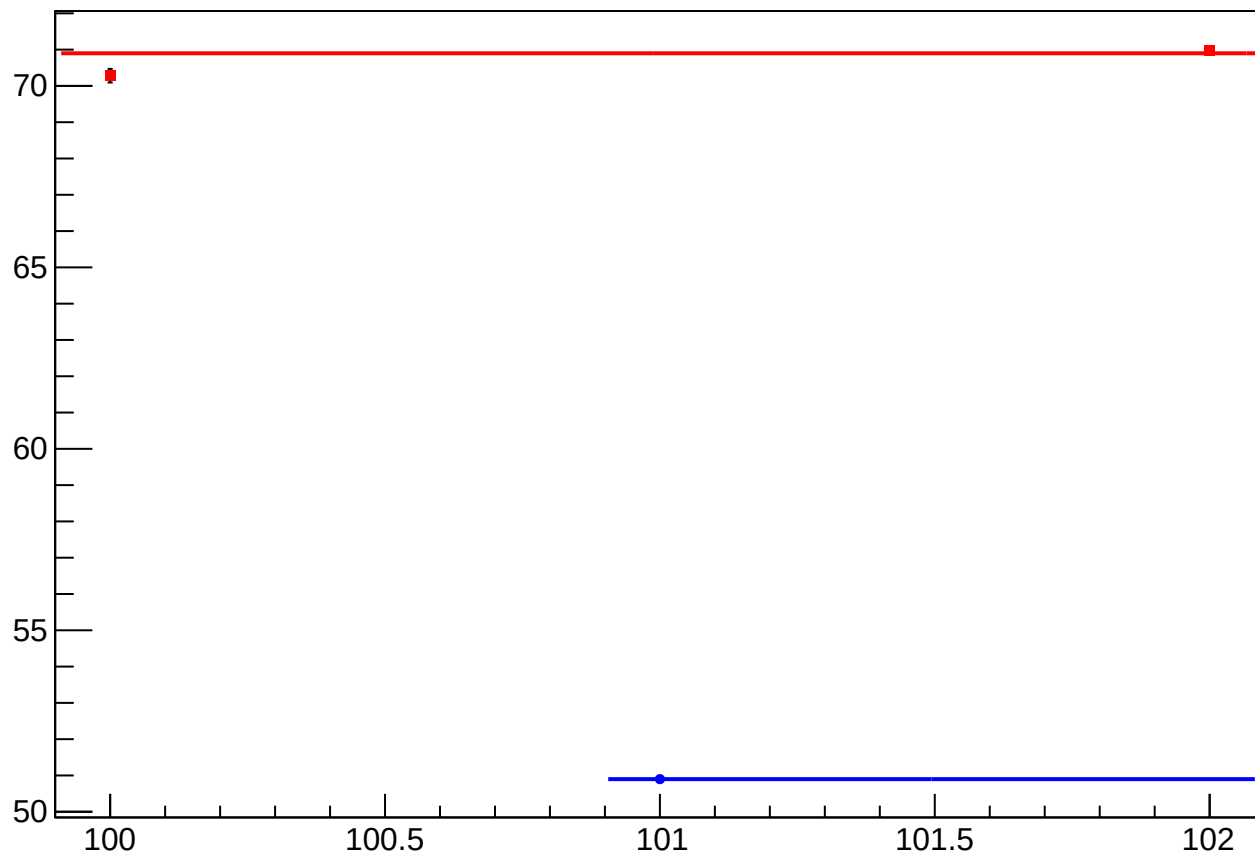
Right: -0.077+/-0.053 χ^2/NDF : 8.1/2

In: -0.179+/-0.065 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.077+/-0.053 χ^2/NDF : 8.1/2

asym_usl_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.899±/-0.046 χ^2 /NDF: 0.0/0

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

Right Out: 70.899±/-0.065 χ^2 /NDF: 12.4/1

Left In: 0.000±/-0.000 χ^2 /NDF:0.0/0

Left: 0.000±/-0.000 χ^2 /NDF: 0.0/0

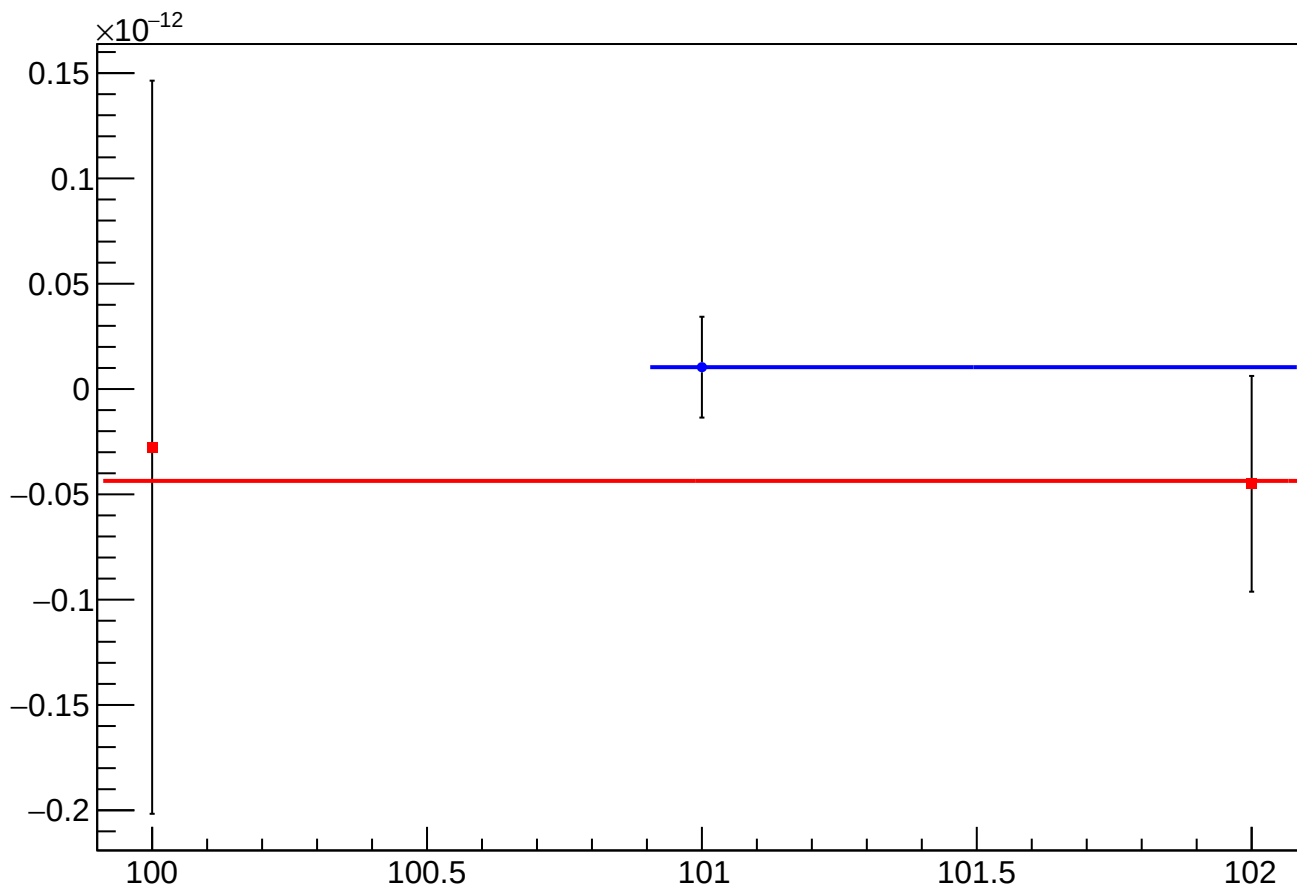
Right: 57.577±/-0.038 χ^2 /NDF: 63014.5/2

In: 50.899±/-0.046 χ^2 /NDF:0.0/0

Out: 0.000±/-0.000 χ^2 /NDF:0.0/0

All: 57.577±/-0.038 χ^2 /NDF: 63014.5/2

asym_usl_eigen_cor_vs_cor_diff_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 : 0.0/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

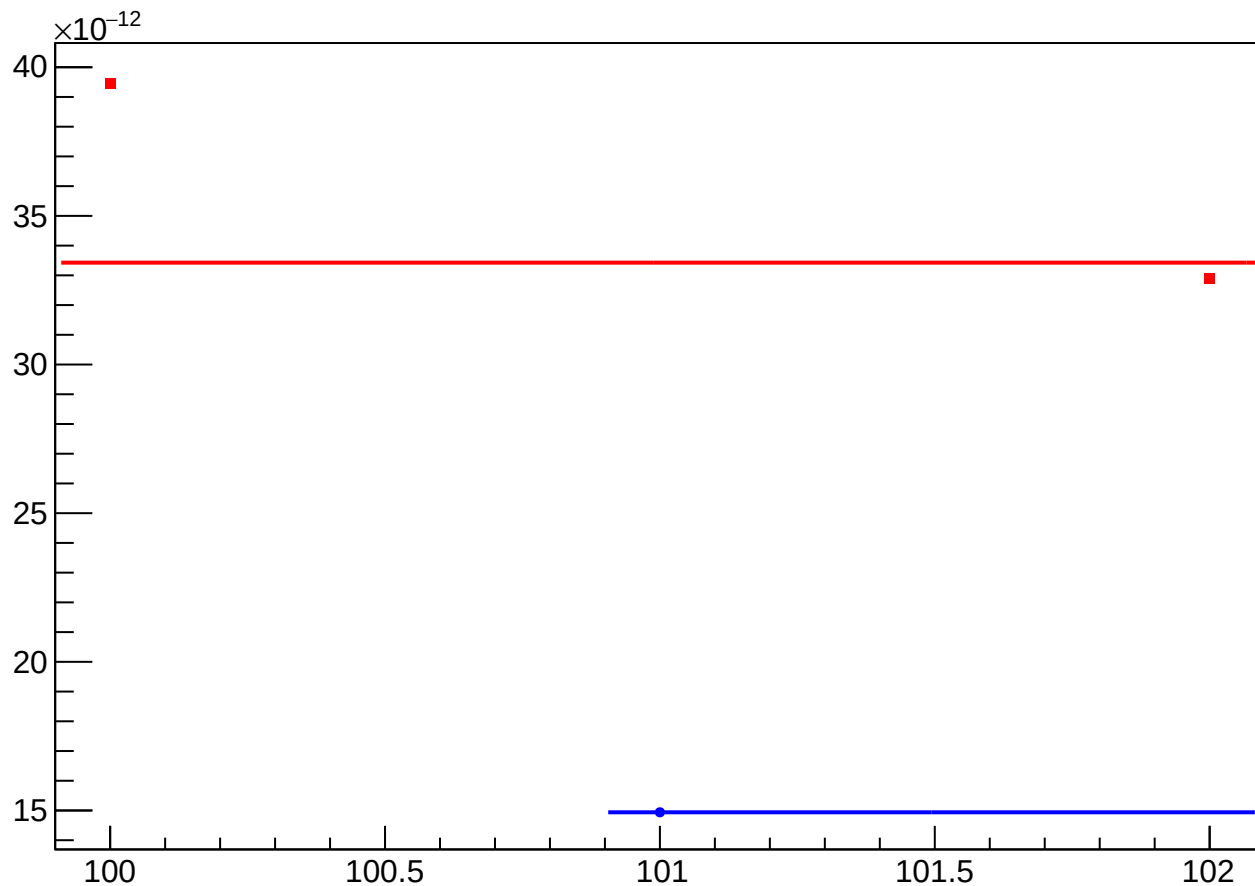
Right: 0.000+/-0.000 χ^2/NDF : 1.0/2

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 : 1.0/2

asym_usl_eigen_cor_vs_cor_diff_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 : 2609.8/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

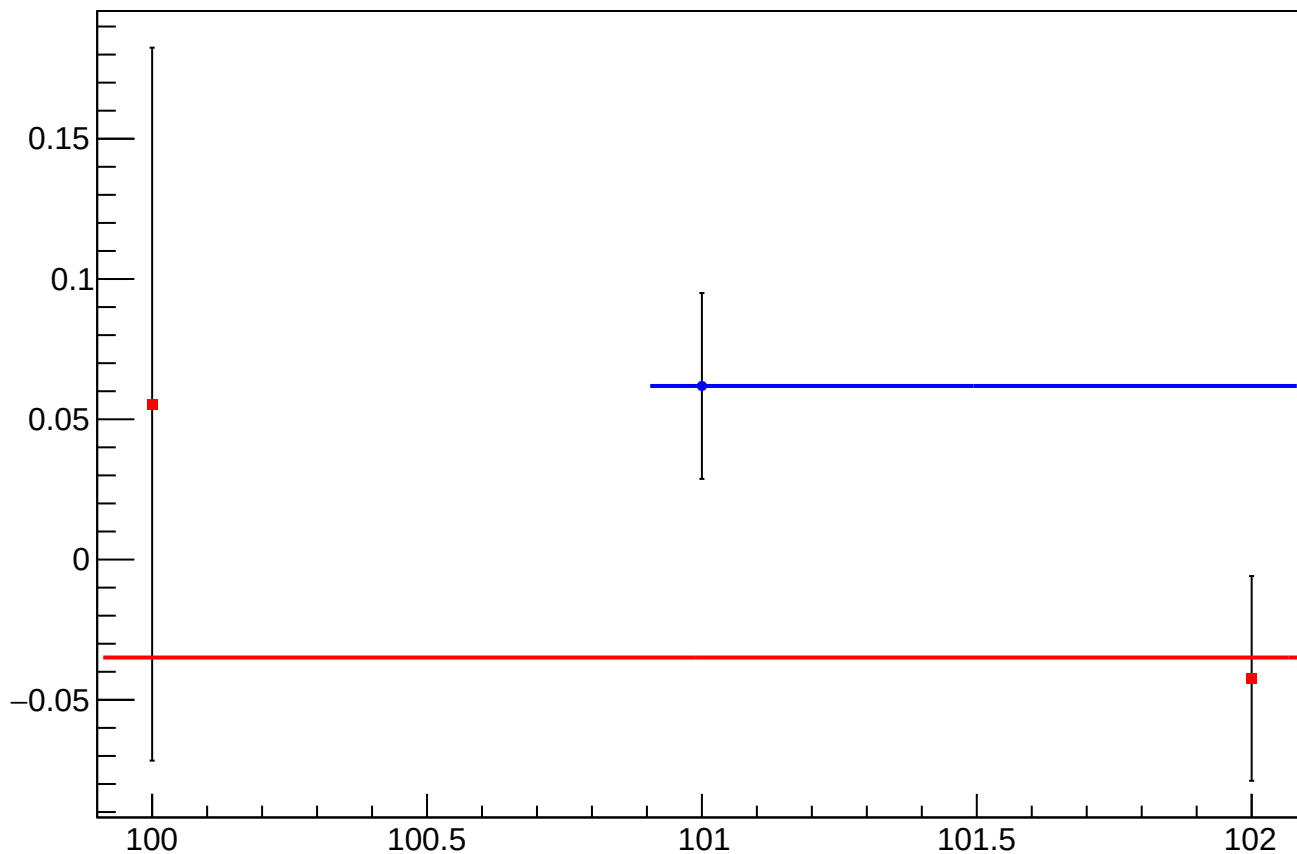
Right: 0.000+/-0.000 χ^2/NDF : 231465.6/2

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 : 231465.6/2

asym_usl_overload_cor_vs Slug, Sign Corrected



Right In: 0.062+/-0.033 χ^2/NDF : 0.0/0

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

Right Out: -0.035+/-0.035 χ^2/NDF : 0.5/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

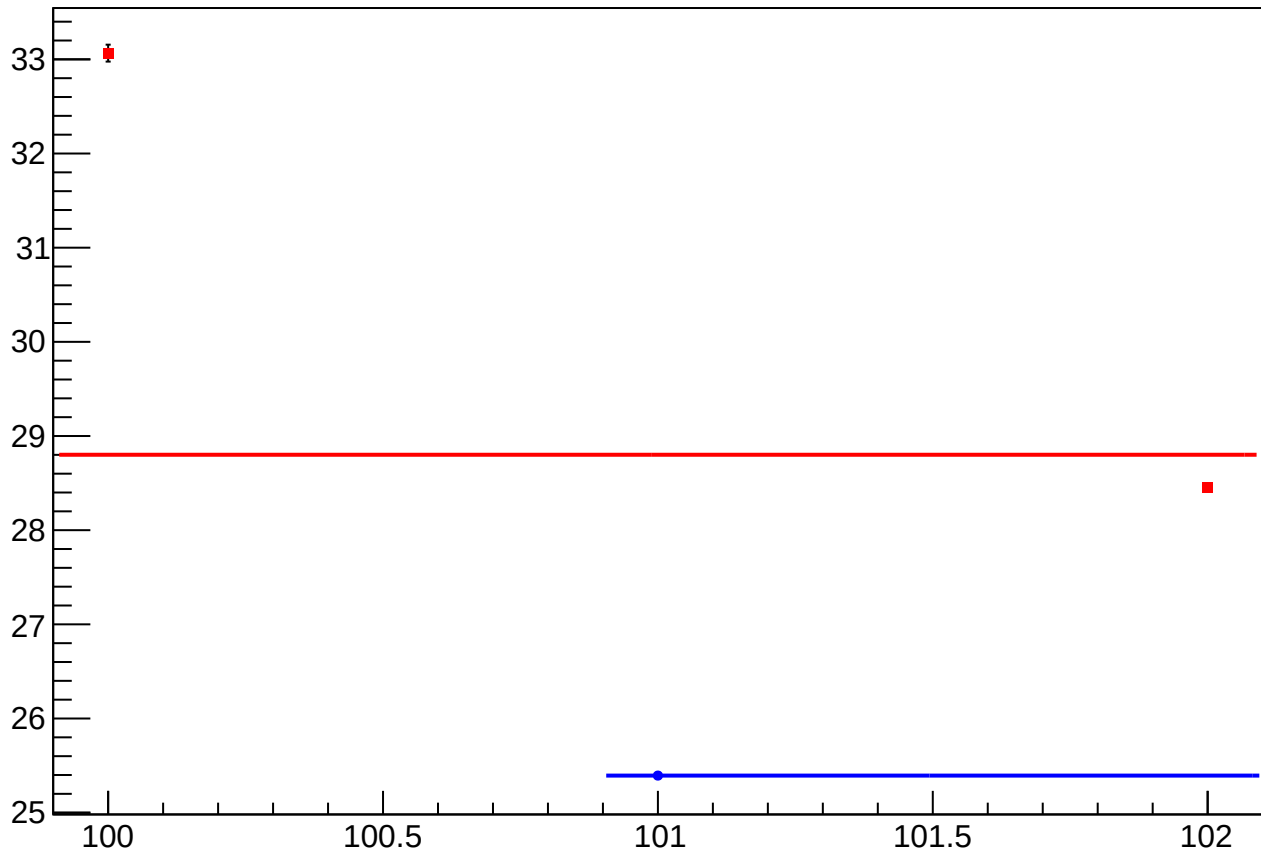
Right: 0.016+/-0.024 χ^2/NDF : 4.6/2

In: 0.062+/-0.033 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.024 χ^2/NDF : 4.6/2

asym_usl_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.394 $\pm$ 0.023 χ^2 /NDF: 0.0/0

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

Right Out: 28.801 $\pm$ 0.025 χ^2 /NDF: 2439.1/1

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

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

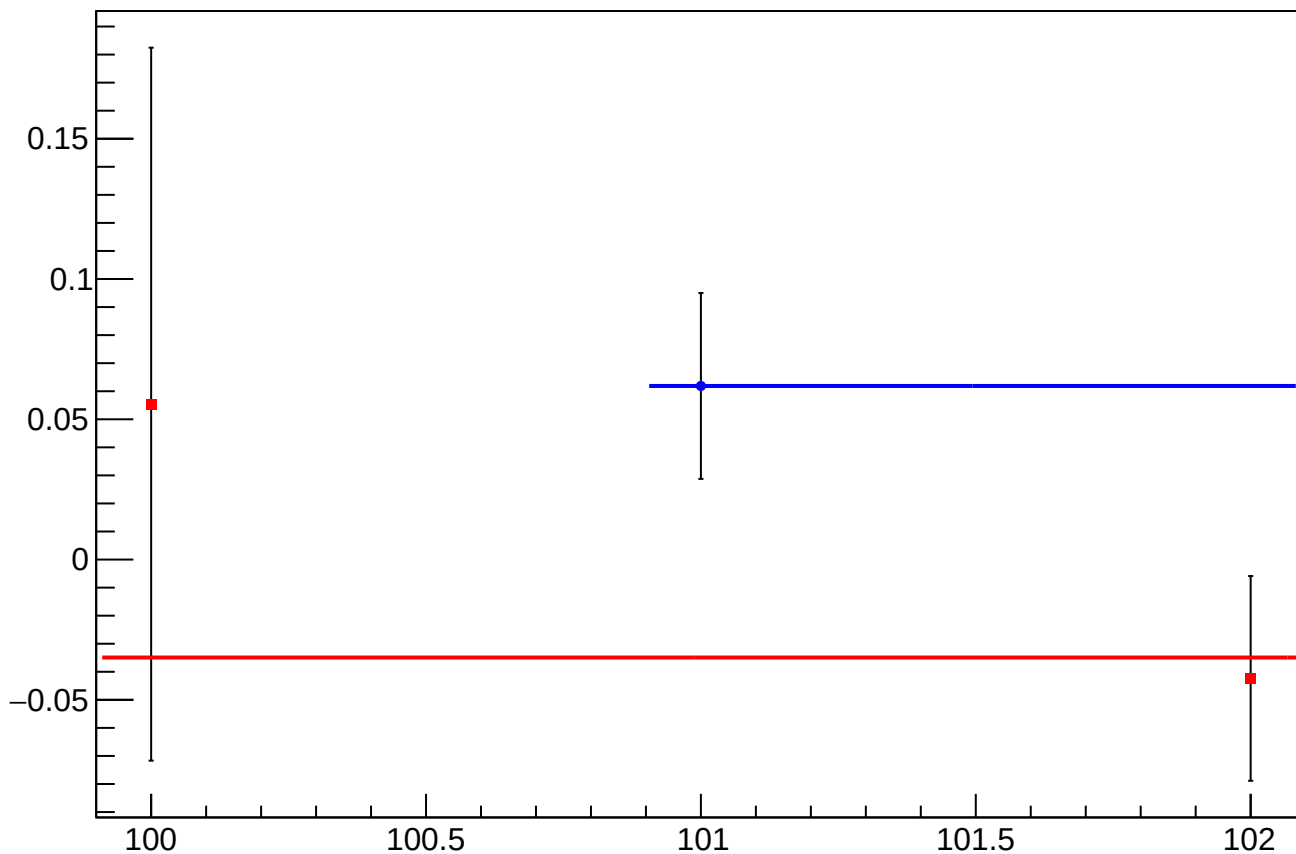
Right: 27.000 $\pm$ 0.017 χ^2 /NDF: 12414.2/2

In: 25.394 $\pm$ 0.023 χ^2 /NDF: 0.0/0

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

All: 27.000 $\pm$ 0.017 χ^2 /NDF: 12414.2/2

asym_usl_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.062+/-0.033 χ^2/NDF : 0.0/0

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

Right Out: -0.035+/-0.035 χ^2/NDF : 0.5/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

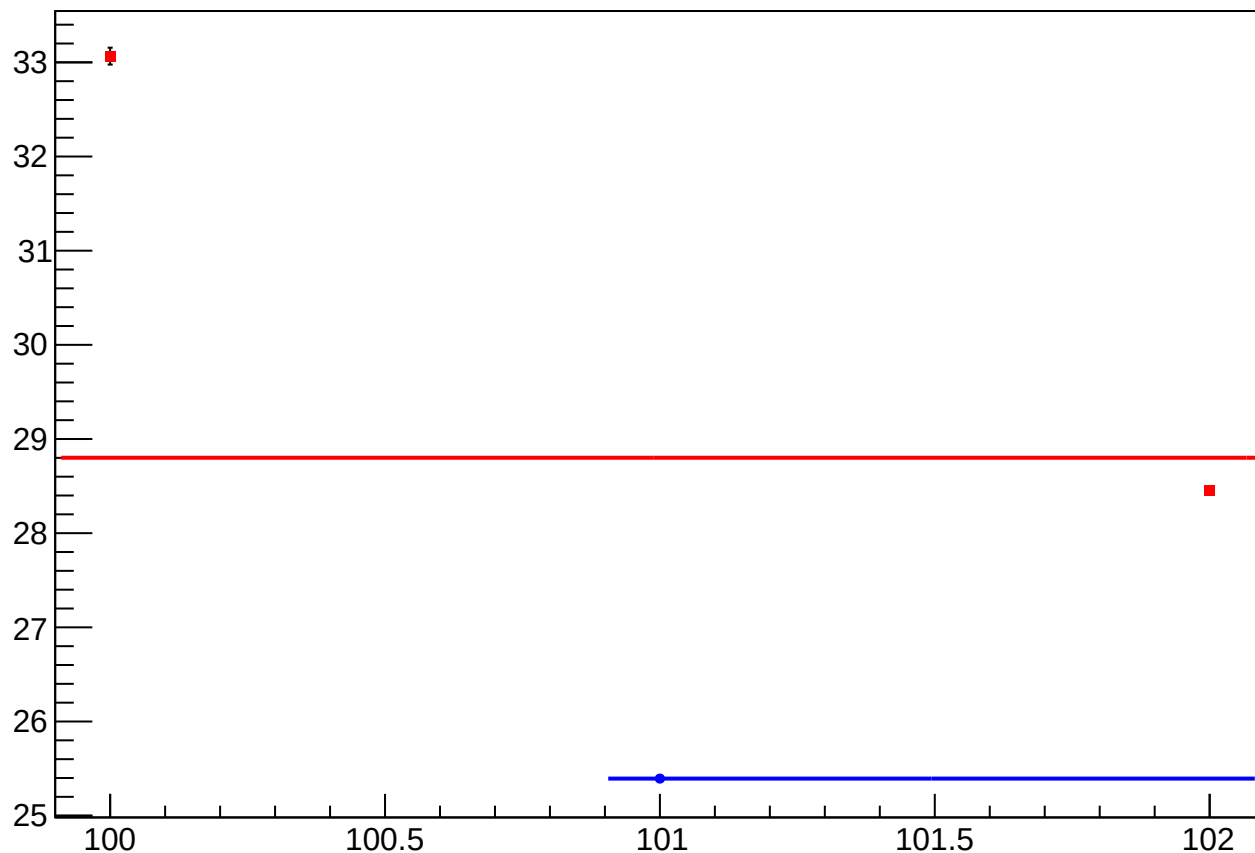
Right: 0.016+/-0.024 χ^2/NDF : 4.6/2

In: 0.062+/-0.033 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.024 χ^2/NDF : 4.6/2

asym_usl_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.394 $\pm$ 0.023 χ^2 /NDF: 0.0/0

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

Right Out: 28.801 $\pm$ 0.025 χ^2 /NDF: 2439.1/1

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

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

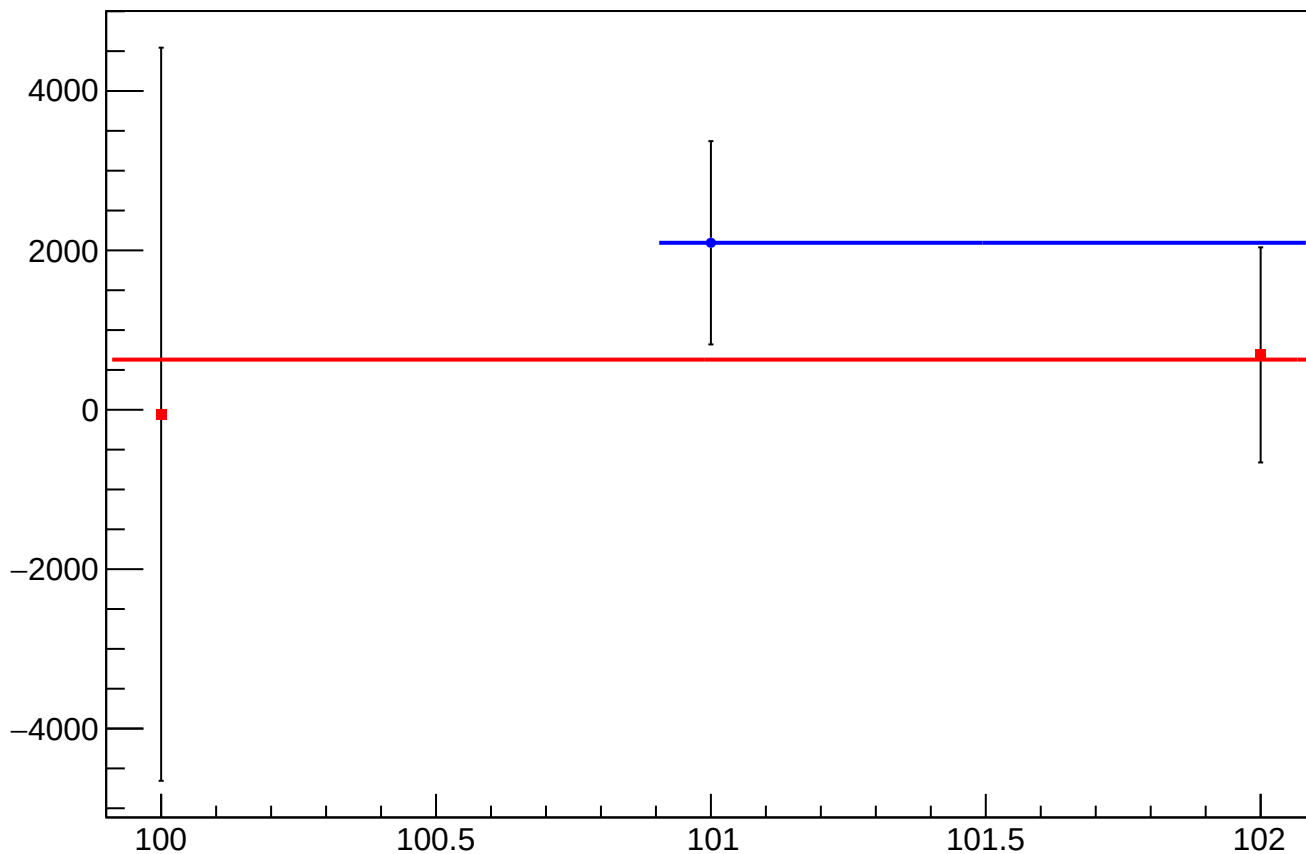
Right: 27.000 $\pm$ 0.017 χ^2 /NDF: 12414.2/2

In: 25.394 $\pm$ 0.023 χ^2 /NDF: 0.0/0

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

All: 27.000 $\pm$ 0.017 χ^2 /NDF: 12414.2/2

reg_asym_usr_mean vs Slug, Sign Corrected



Right In: 2095.377+/-1275.559 χ^2 /NDF: 0.0/0

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

Right Out: 629.659+/-1294.967 χ^2 /NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

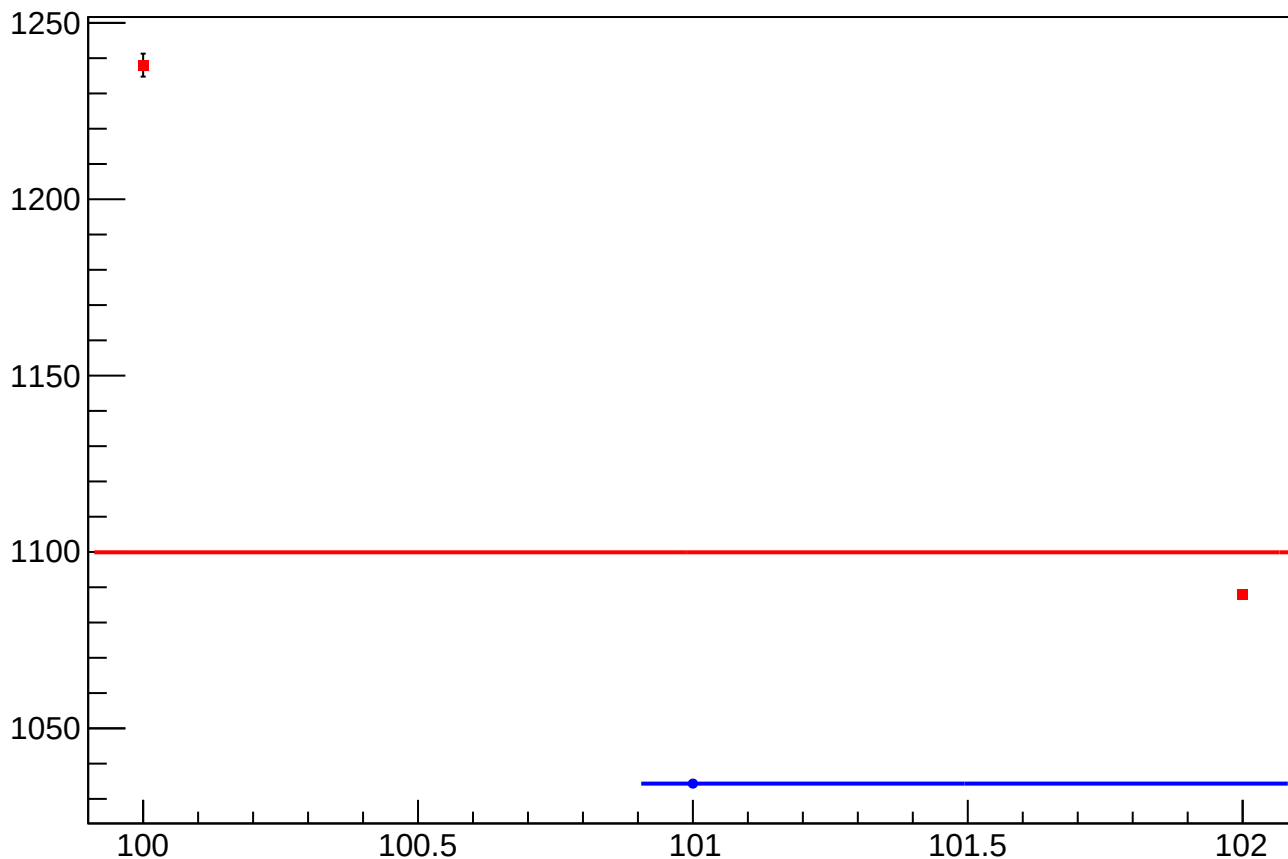
Right: 1373.584+/-908.741 χ^2 /NDF: 0.7/2

In: 2095.377+/-1275.559 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1373.584+/-908.741 χ^2 /NDF: 0.7/2

reg_asym_usr_rms vs Slug, Sign Corrected



Right In: 1034.332 $\pm$ 0.902 χ^2 /NDF: 0.0/0

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

Right Out: 1099.910 $\pm$ 0.916 χ^2 /NDF: 1958.6/1

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

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

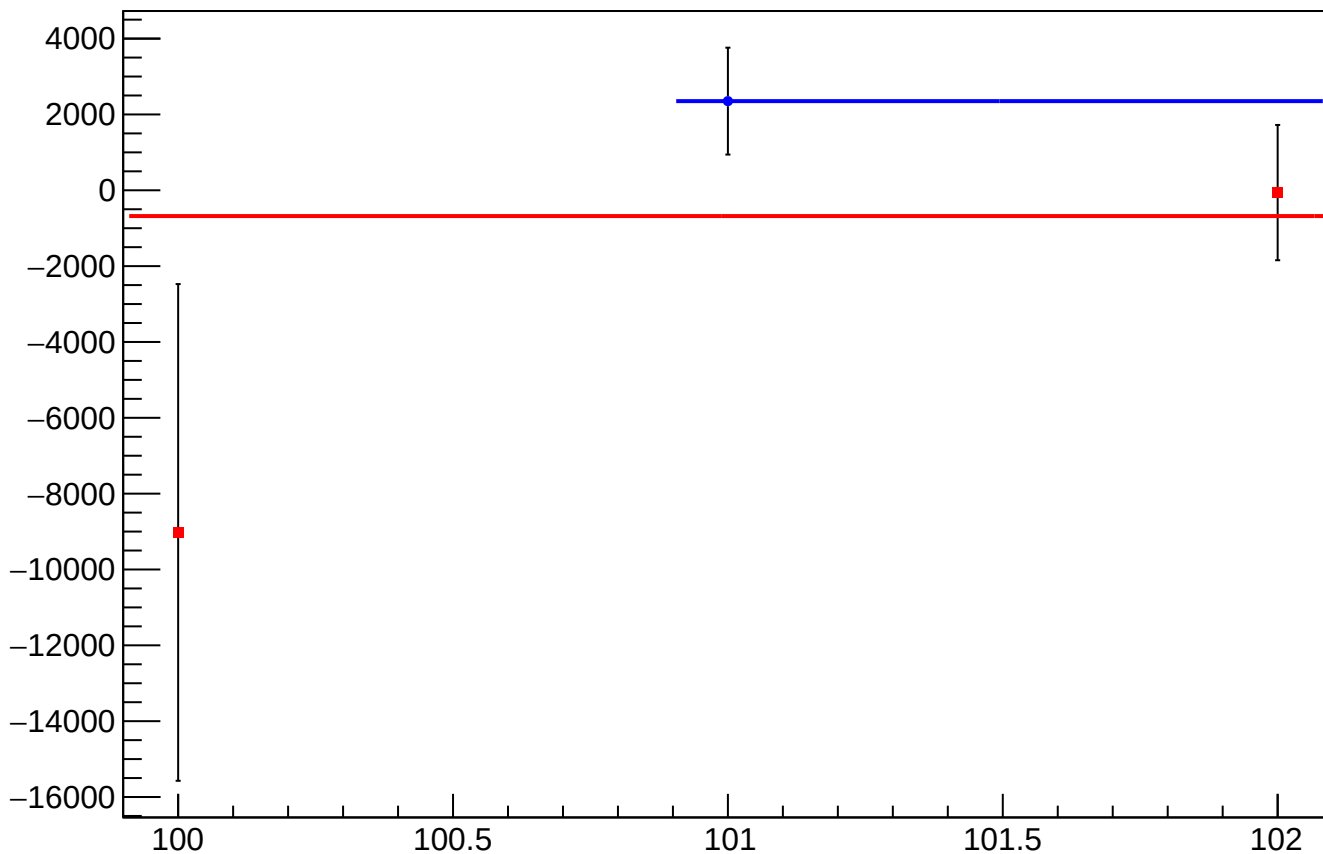
Right: 1066.626 $\pm$ 0.643 χ^2 /NDF: 4561.8/2

In: 1034.332 $\pm$ 0.902 χ^2 /NDF: 0.0/0

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

All: 1066.626 $\pm$ 0.643 χ^2 /NDF: 4561.8/2

asym_usr_reg_correction_mean vs Slug, Sign Corrected



Right In: 2351.390+/-1409.640 χ^2/NDF : 0.0/0

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

Right Out: -679.682+/-1721.238 χ^2/NDF : 1.7/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

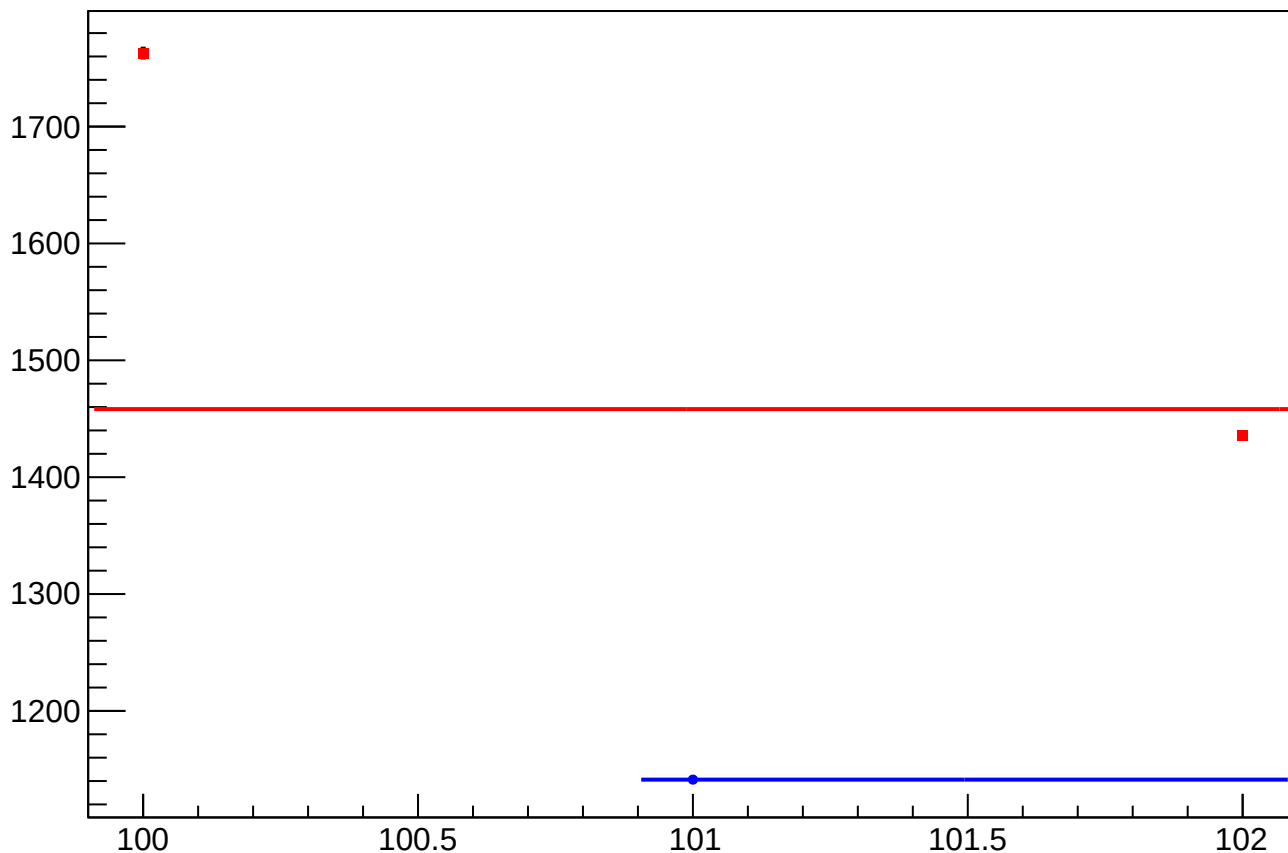
Right: 1134.561+/-1090.580 χ^2/NDF : 3.6/2

In: 2351.390+/-1409.640 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1134.561+/-1090.580 χ^2/NDF : 3.6/2

asym_usr_reg_correction_rms vs Slug, Sign Corrected



Right In: 1141.208+/-0.997 χ^2/NDF : 0.0/0

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

Right Out: 1458.256+/-1.217 χ^2/NDF : 4647.6/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

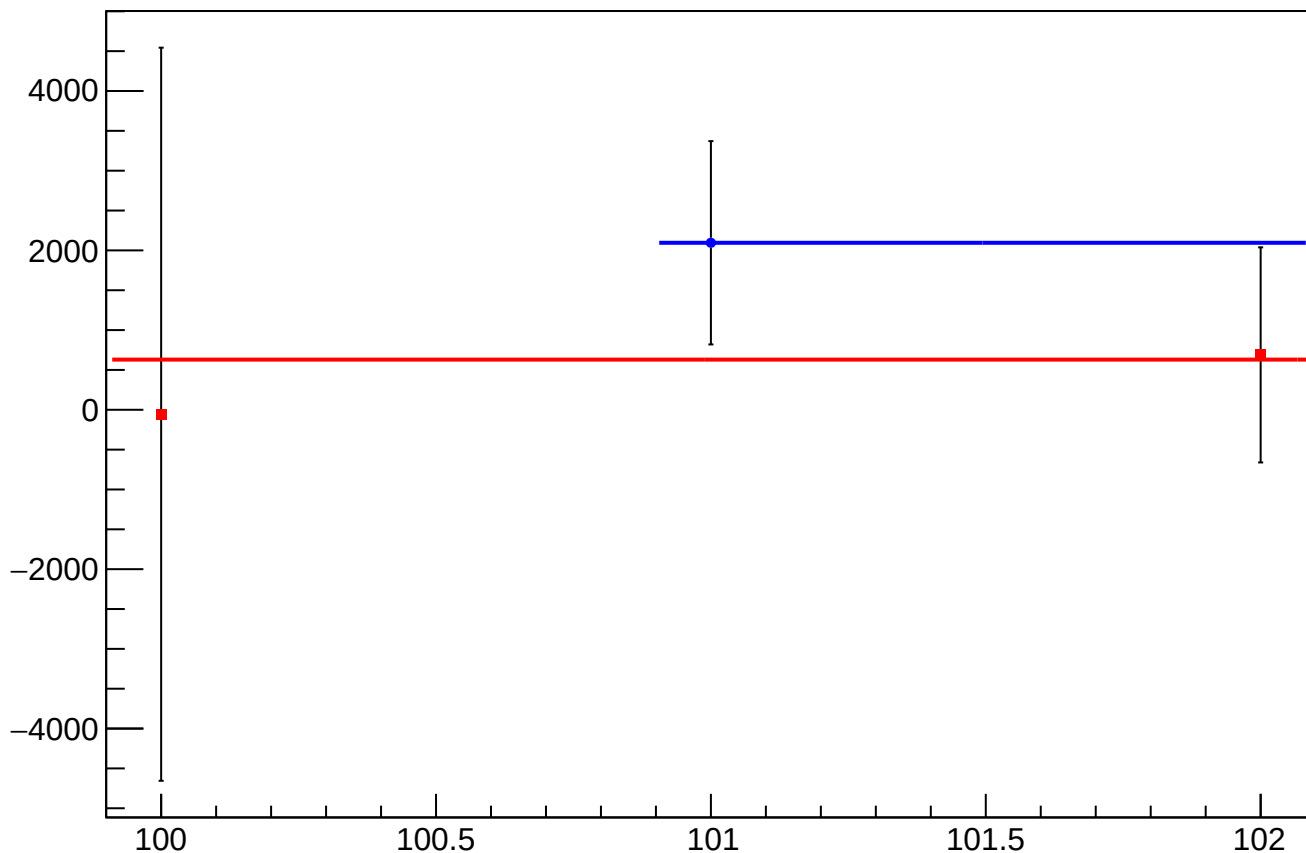
Right: 1268.488+/-0.771 χ^2/NDF : 45263.6/2

In: 1141.208+/-0.997 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1268.488+/-0.771 χ^2/NDF : 45263.6/2

cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2095.377 $\pm$ 1275.559 χ^2 /NDF: 0.0/0

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

Right Out: 629.659 $\pm$ 1294.967 χ^2 /NDF: 0.0/1

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

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

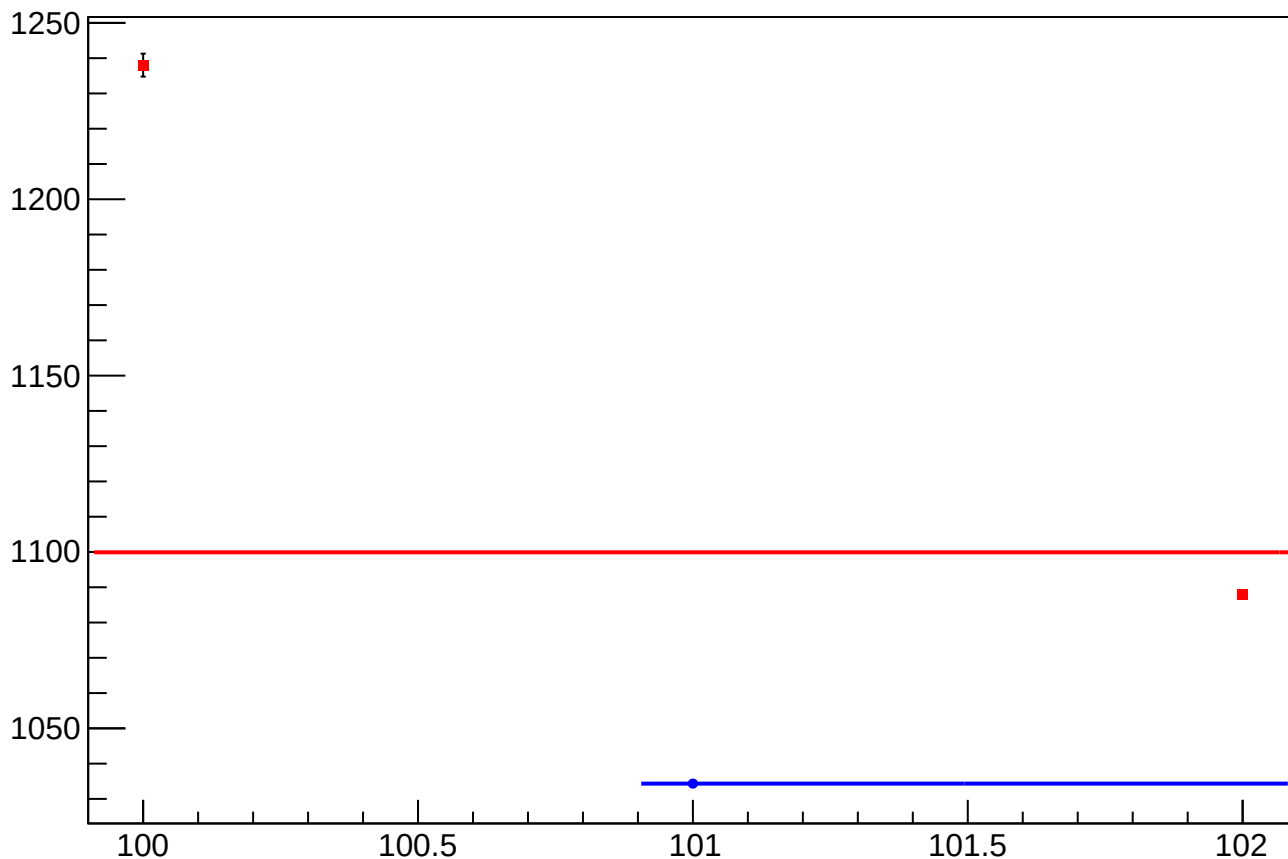
Right: 1373.584 $\pm$ 908.741 χ^2 /NDF: 0.7/2

In: 2095.377 $\pm$ 1275.559 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1373.584 $\pm$ 908.741 χ^2 /NDF: 0.7/2

cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1034.332 $\pm$ 0.902 χ^2 /NDF: 0.0/0

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

Right Out: 1099.910 $\pm$ 0.916 χ^2 /NDF: 1958.6/1

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

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

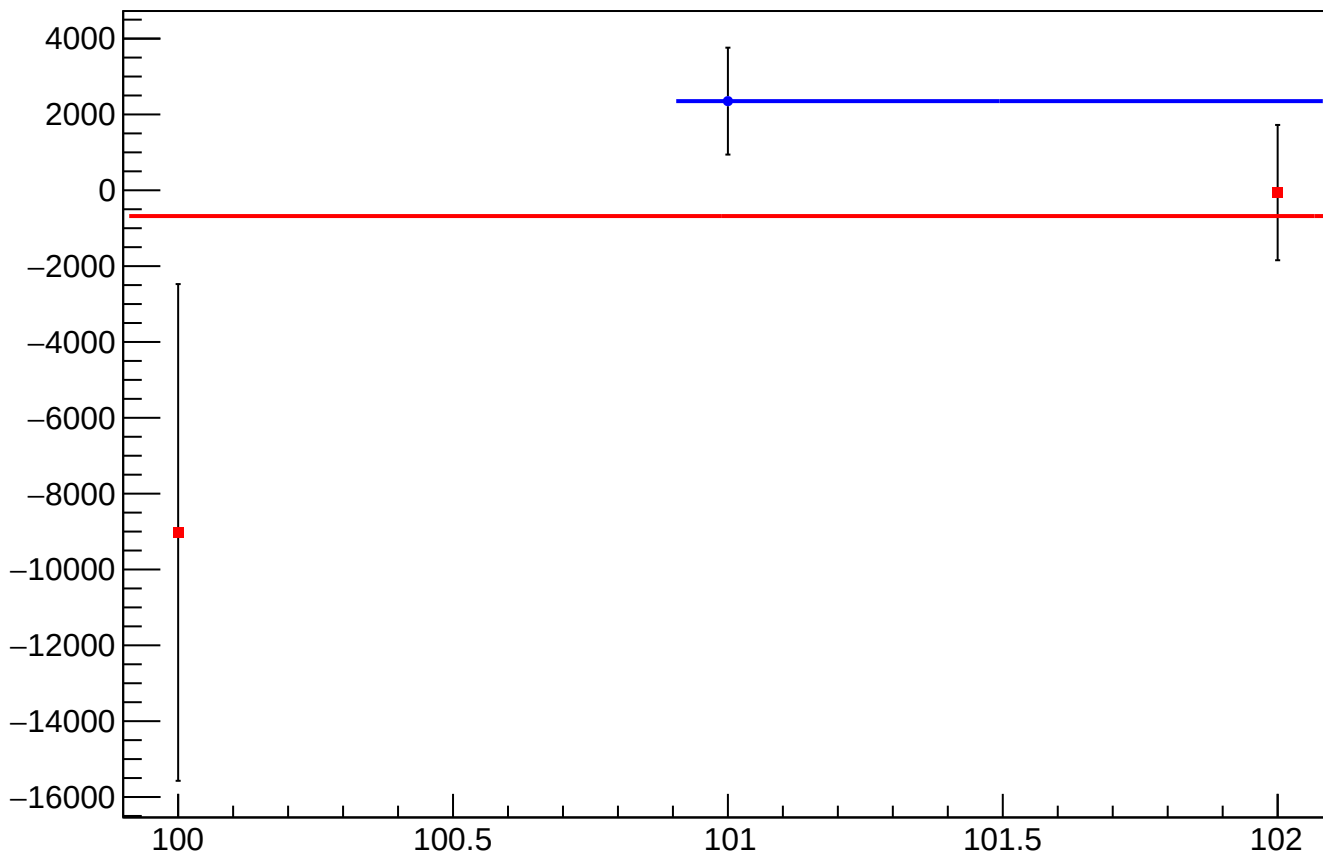
Right: 1066.626 $\pm$ 0.643 χ^2 /NDF: 4561.8/2

In: 1034.332 $\pm$ 0.902 χ^2 /NDF: 0.0/0

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

All: 1066.626 $\pm$ 0.643 χ^2 /NDF: 4561.8/2

asym_usr_cor_correction_mean vs Slug, Sign Corrected



Right In: 2351.390+/-1409.640 χ^2/NDF : 0.0/0

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

Right Out: -679.682+/-1721.238 χ^2/NDF : 1.7/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

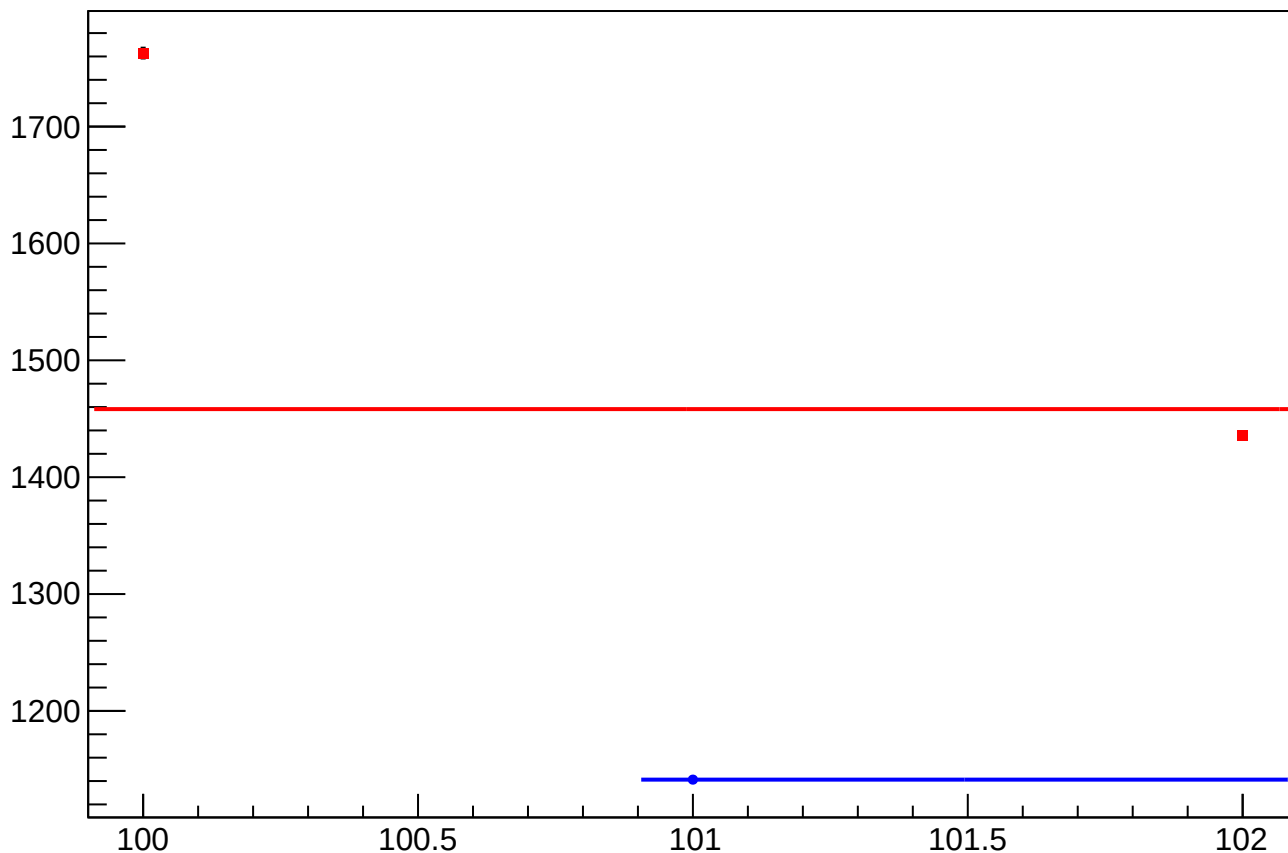
Right: 1134.561+/-1090.580 χ^2/NDF : 3.6/2

In: 2351.390+/-1409.640 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1134.561+/-1090.580 χ^2/NDF : 3.6/2

asym_usr_cor_correction_rms vs Slug, Sign Corrected



Right In: 1141.208 $\pm$ 0.997 χ^2 /NDF: 0.0/0

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

Right Out: 1458.256 $\pm$ 1.217 χ^2 /NDF: 4647.6/1

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

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

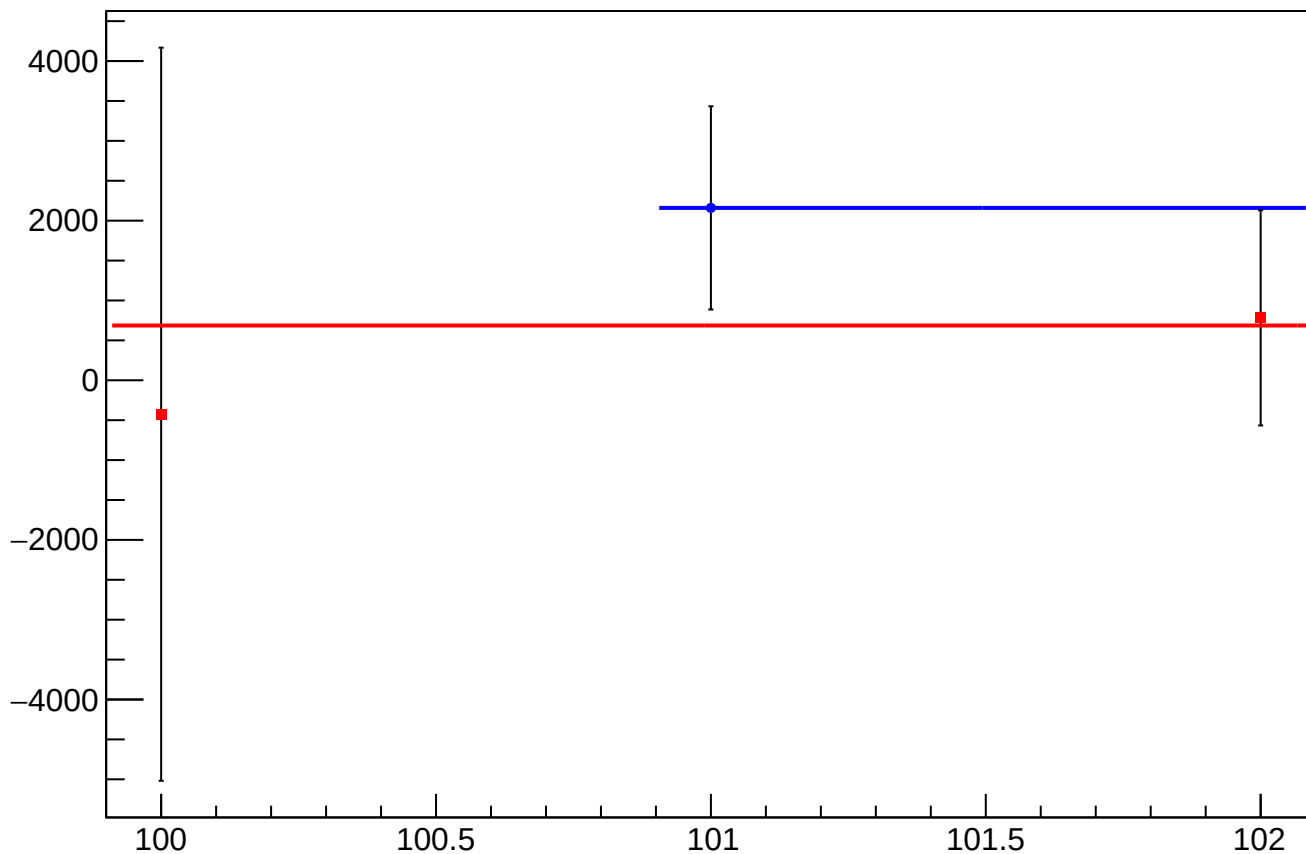
Right: 1268.488 $\pm$ 0.771 χ^2 /NDF: 45263.6/2

In: 1141.208 $\pm$ 0.997 χ^2 /NDF: 0.0/0

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

All: 1268.488 $\pm$ 0.771 χ^2 /NDF: 45263.6/2

overload_cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2159.976 $\pm$ 1273.018 χ^2 /NDF: 0.0/0

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

Right Out: 686.269 $\pm$ 1293.698 χ^2 /NDF: 0.1/1

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

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

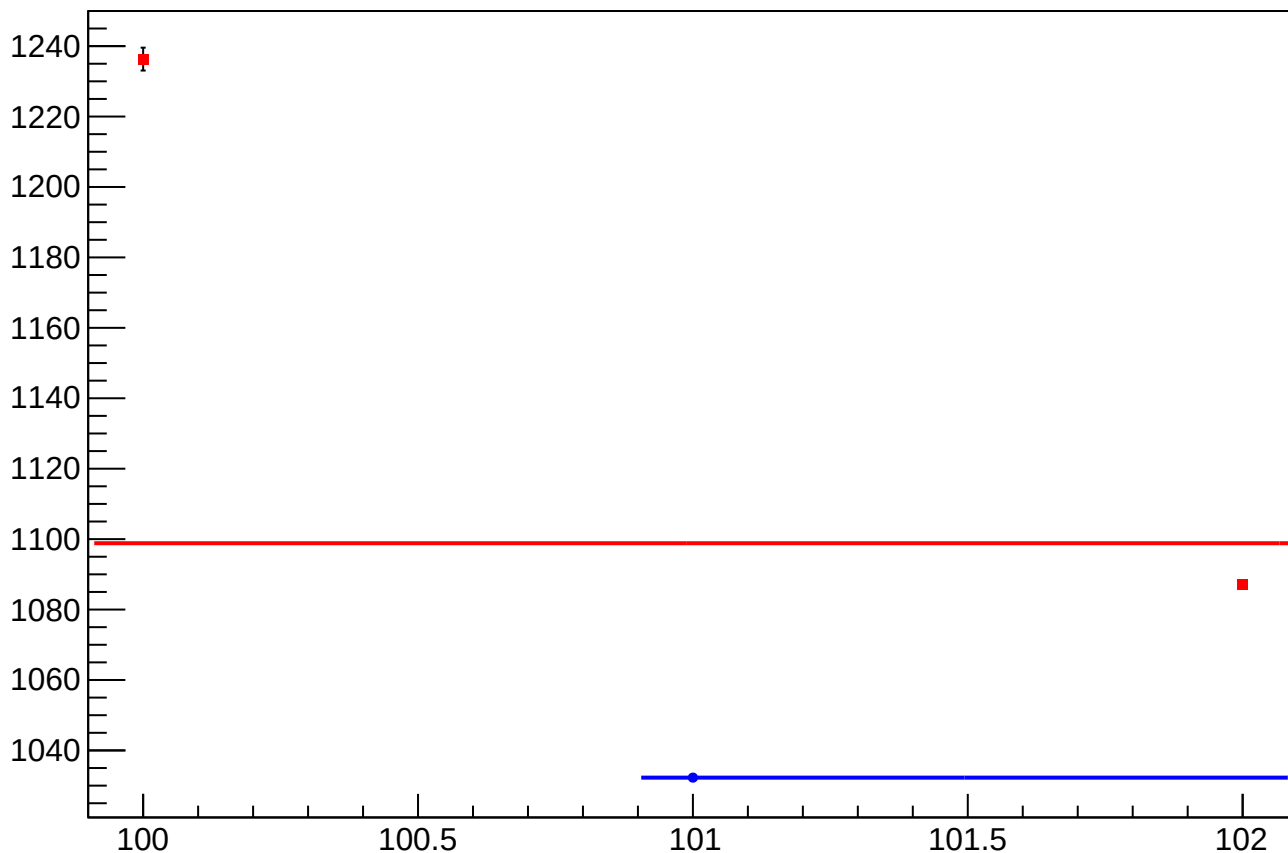
Right: 1434.995 $\pm$ 907.383 χ^2 /NDF: 0.7/2

In: 2159.976 $\pm$ 1273.018 χ^2 /NDF: 0.0/0

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

All: 1434.995 $\pm$ 907.383 χ^2 /NDF: 0.7/2

overload_cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1032.273+/-0.900 χ^2/NDF : 0.0/0

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

Right Out: 1098.837+/-0.915 χ^2/NDF : 1946.0/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

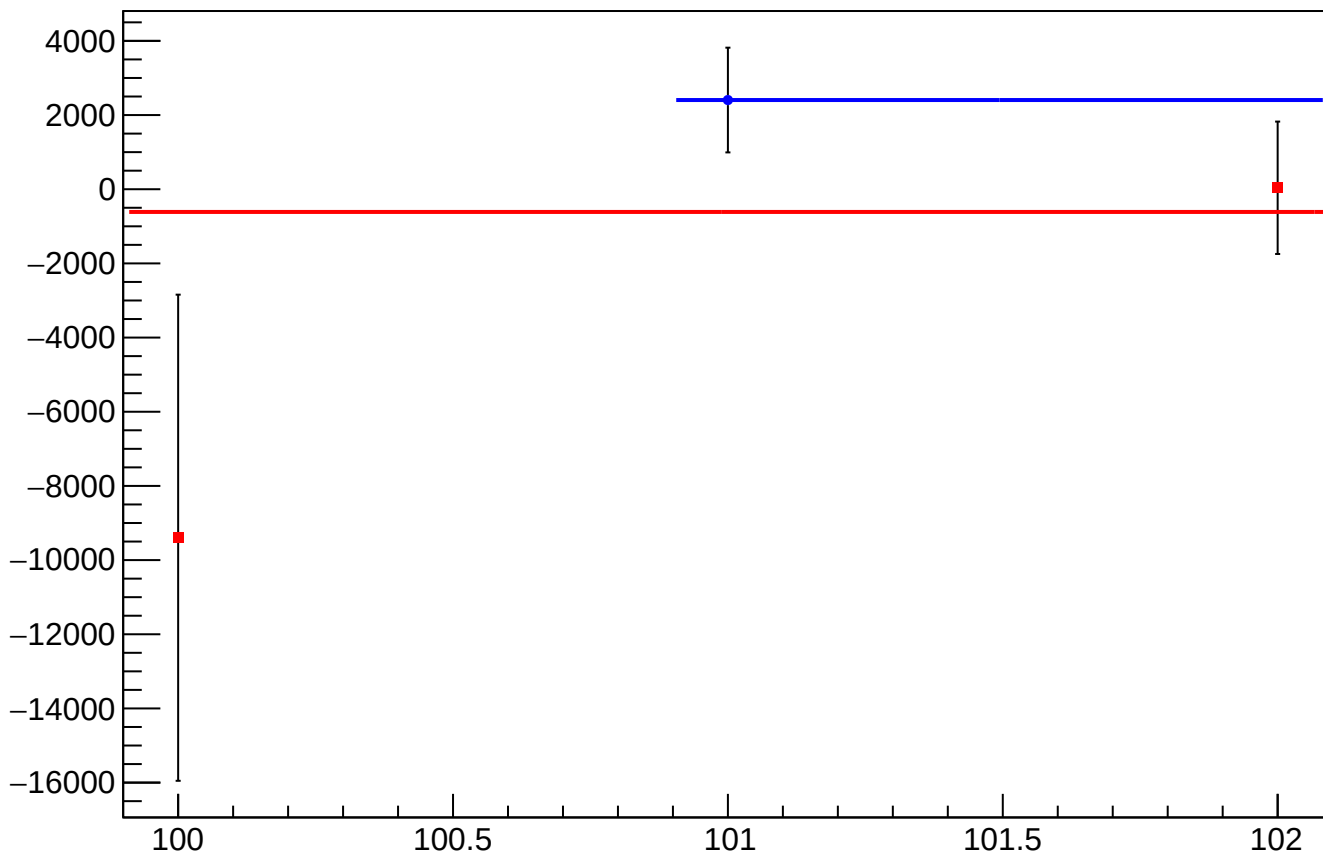
Right: 1065.019+/-0.642 χ^2/NDF : 4636.0/2

In: 1032.273+/-0.900 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1065.019+/-0.642 χ^2/NDF : 4636.0/2

asym_usr_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 2404.981 $\pm$ 1411.976 χ^2 /NDF: 0.0/0

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

Right Out: -612.463 $\pm$ 1722.230 χ^2 /NDF: 1.9/1

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

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

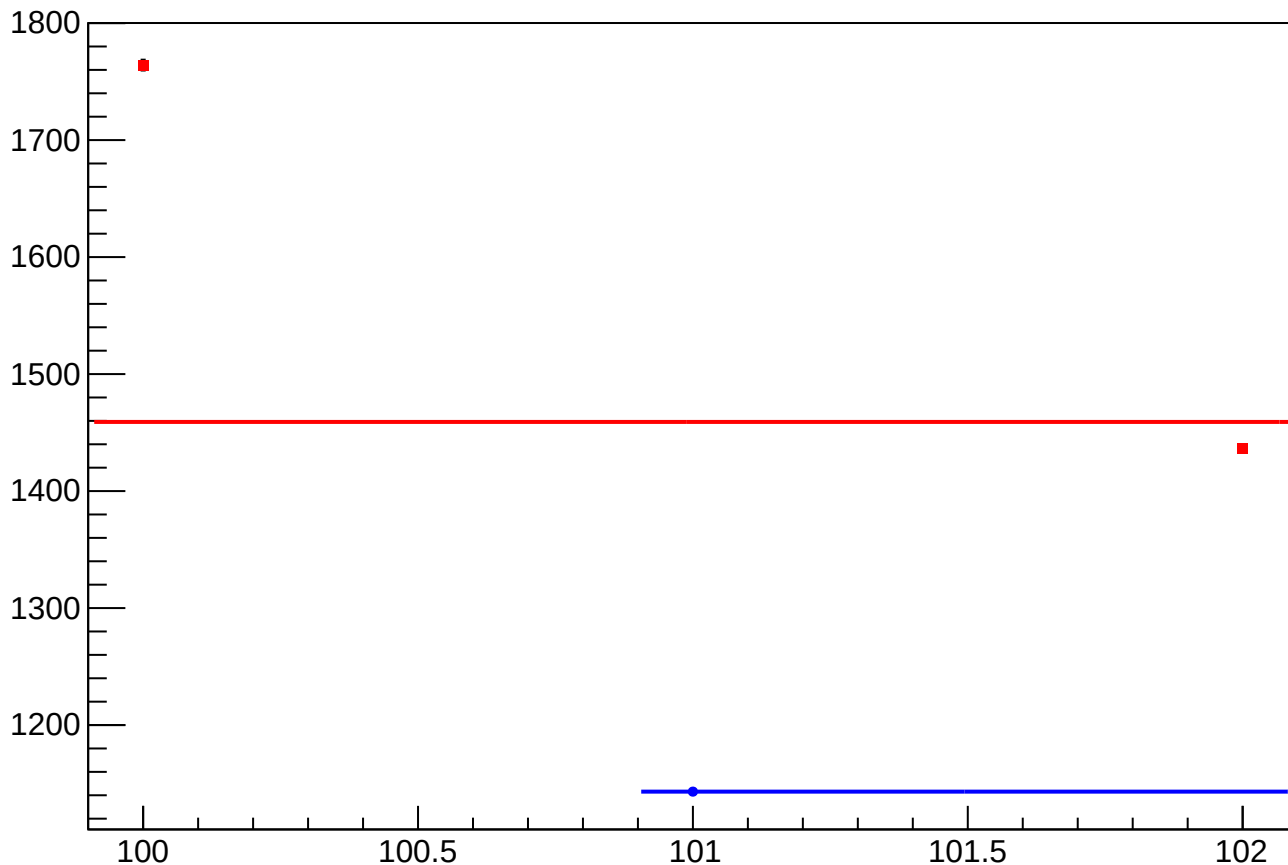
Right: 1192.056 $\pm$ 1091.914 χ^2 /NDF: 3.8/2

In: 2404.981 $\pm$ 1411.976 χ^2 /NDF: 0.0/0

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

All: 1192.056 $\pm$ 1091.914 χ^2 /NDF: 3.8/2

asym_usr_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 1143.111+/-0.998 χ^2/NDF : 0.0/0

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

Right Out: 1459.106+/-1.218 χ^2/NDF : 4652.2/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

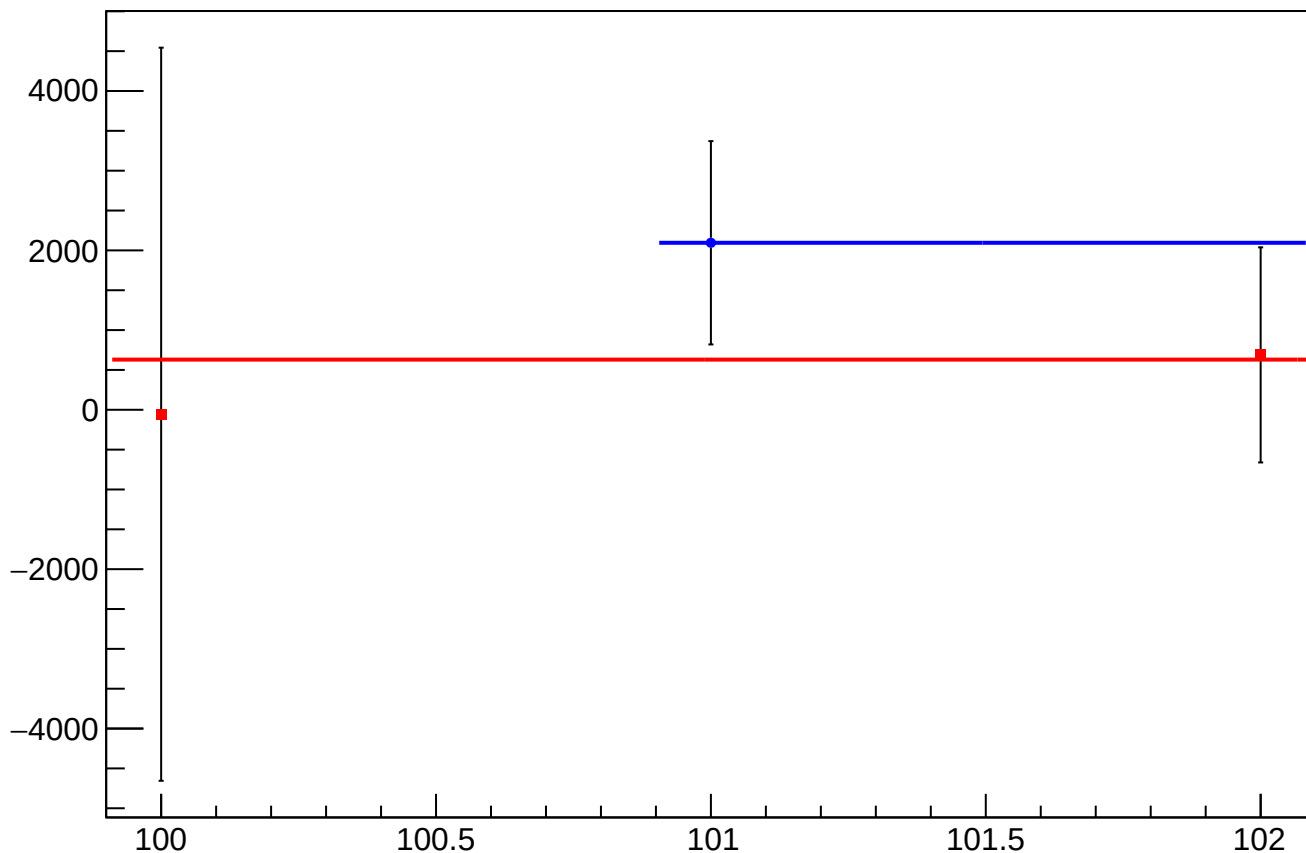
Right: 1270.131+/-0.772 χ^2/NDF : 44917.5/2

In: 1143.111+/-0.998 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1270.131+/-0.772 χ^2/NDF : 44917.5/2

eigen_cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2095.377+/-1275.559 χ^2 /NDF: 0.0/0

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

Right Out: 629.659+/-1294.967 χ^2 /NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

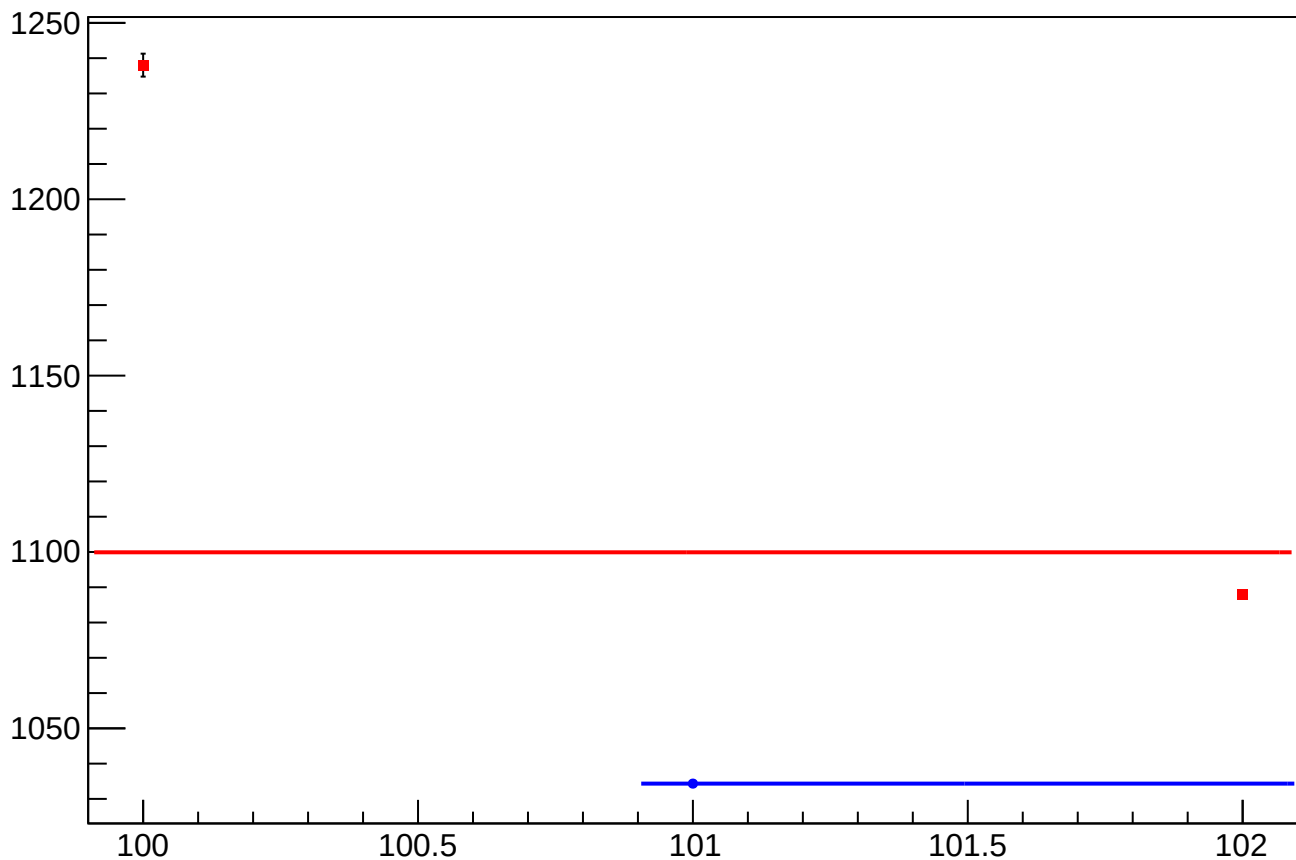
Right: 1373.584+/-908.741 χ^2 /NDF: 0.7/2

In: 2095.377+/-1275.559 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1373.584+/-908.741 χ^2 /NDF: 0.7/2

eigen_cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1034.332 $\pm$ 0.902 χ^2 /NDF: 0.0/0

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

Right Out: 1099.910 $\pm$ 0.916 χ^2 /NDF: 1958.6/1

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

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

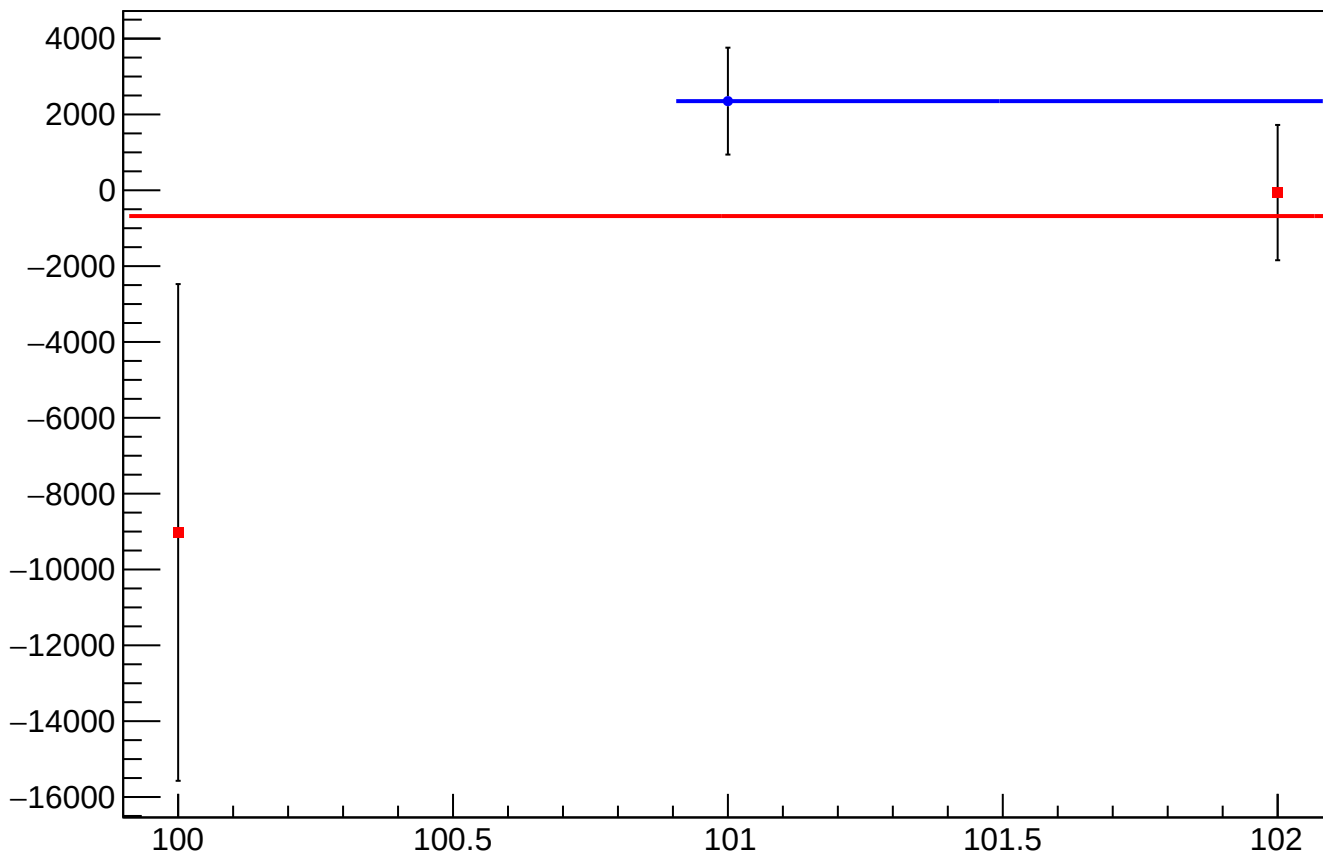
Right: 1066.626 $\pm$ 0.643 χ^2 /NDF: 4561.8/2

In: 1034.332 $\pm$ 0.902 χ^2 /NDF: 0.0/0

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

All: 1066.626 $\pm$ 0.643 χ^2 /NDF: 4561.8/2

asym_usr_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2351.390+/-1409.640 χ^2/NDF : 0.0/0

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

Right Out: -679.682+/-1721.238 χ^2/NDF : 1.7/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

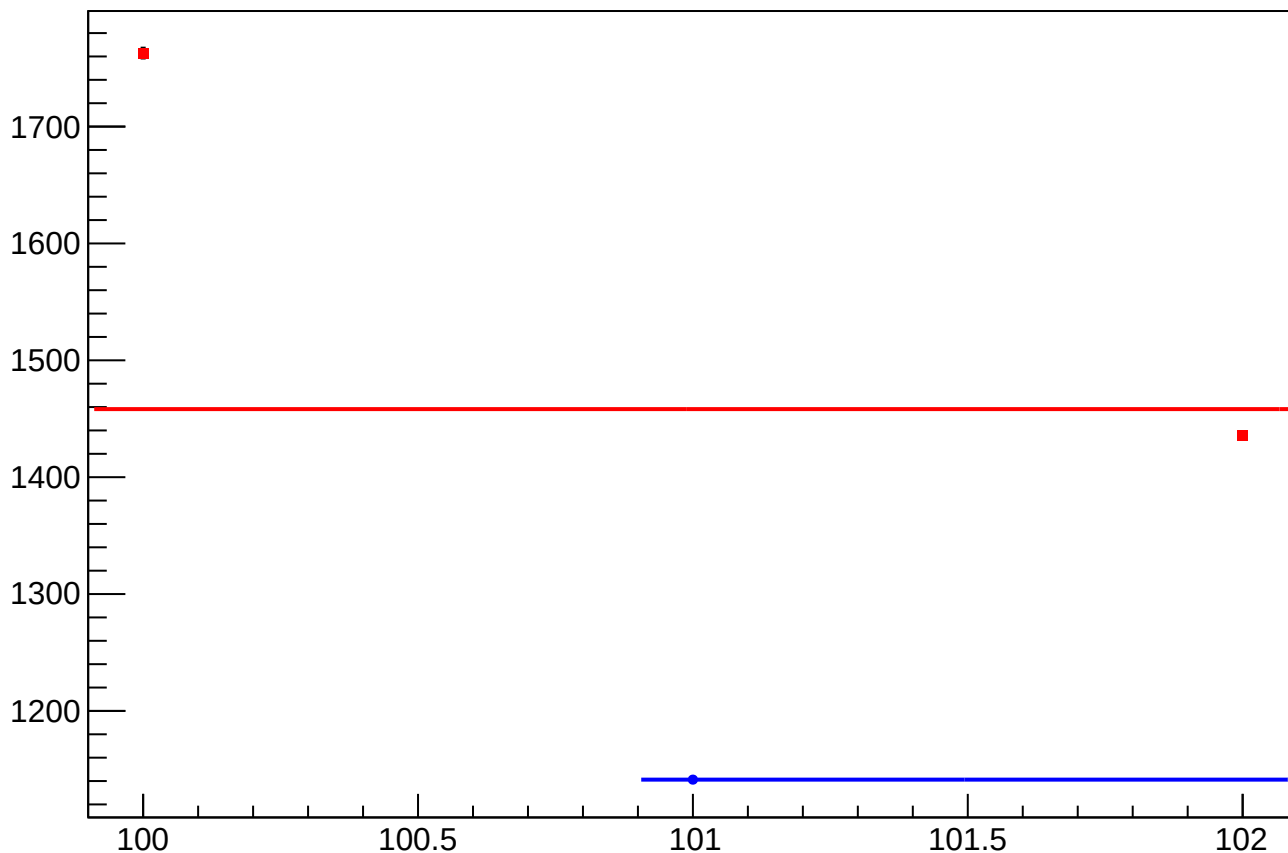
Right: 1134.561+/-1090.580 χ^2/NDF : 3.6/2

In: 2351.390+/-1409.640 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1134.561+/-1090.580 χ^2/NDF : 3.6/2

asym_usr_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1141.208 $\pm$ 0.997 χ^2 /NDF: 0.0/0

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

Right Out: 1458.256 $\pm$ 1.217 χ^2 /NDF: 4647.6/1

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

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

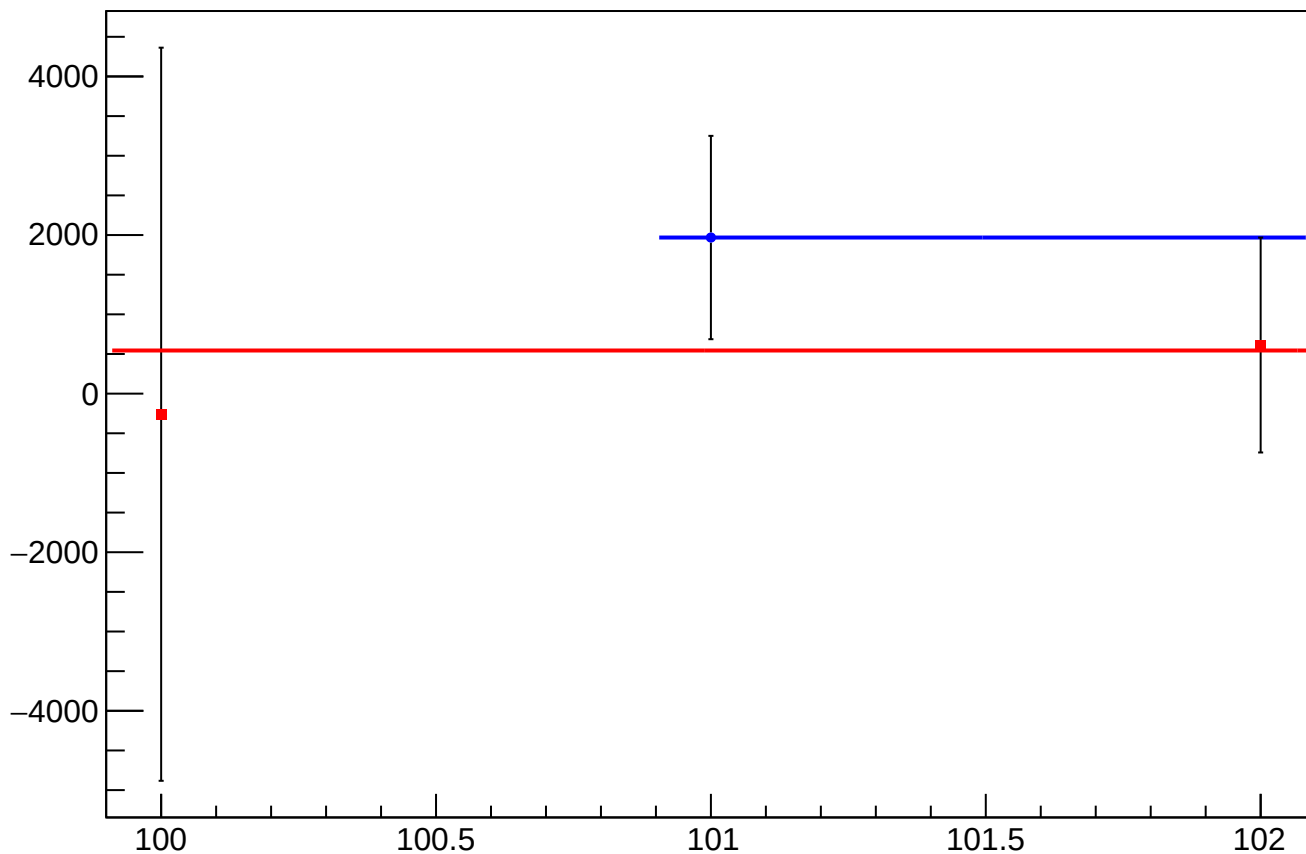
Right: 1268.488 $\pm$ 0.771 χ^2 /NDF: 45263.6/2

In: 1141.208 $\pm$ 0.997 χ^2 /NDF: 0.0/0

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

All: 1268.488 $\pm$ 0.771 χ^2 /NDF: 45263.6/2

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 1968.641 $\pm$ 1282.122 χ^2 /NDF: 0.0/0

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

Right Out: 543.978 $\pm$ 1300.458 χ^2 /NDF: 0.0/1

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

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

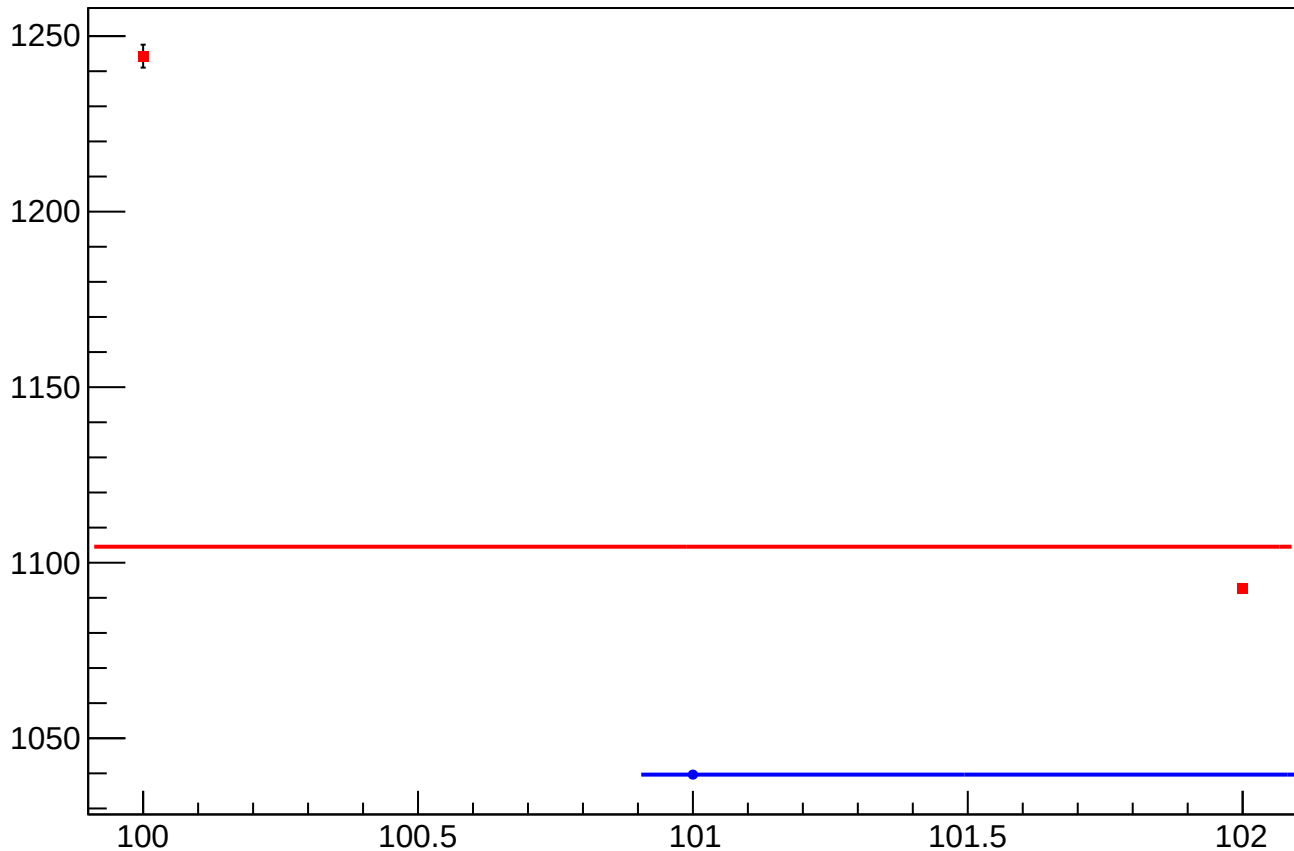
Right: 1266.424 $\pm$ 913.011 χ^2 /NDF: 0.6/2

In: 1968.641 $\pm$ 1282.122 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1266.424 $\pm$ 913.011 χ^2 /NDF: 0.6/2

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1039.641 $\pm$ 0.907 χ^2 /NDF: 0.0/0

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

Right Out: 1104.558 $\pm$ 0.920 χ^2 /NDF: 1984.4/1

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

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

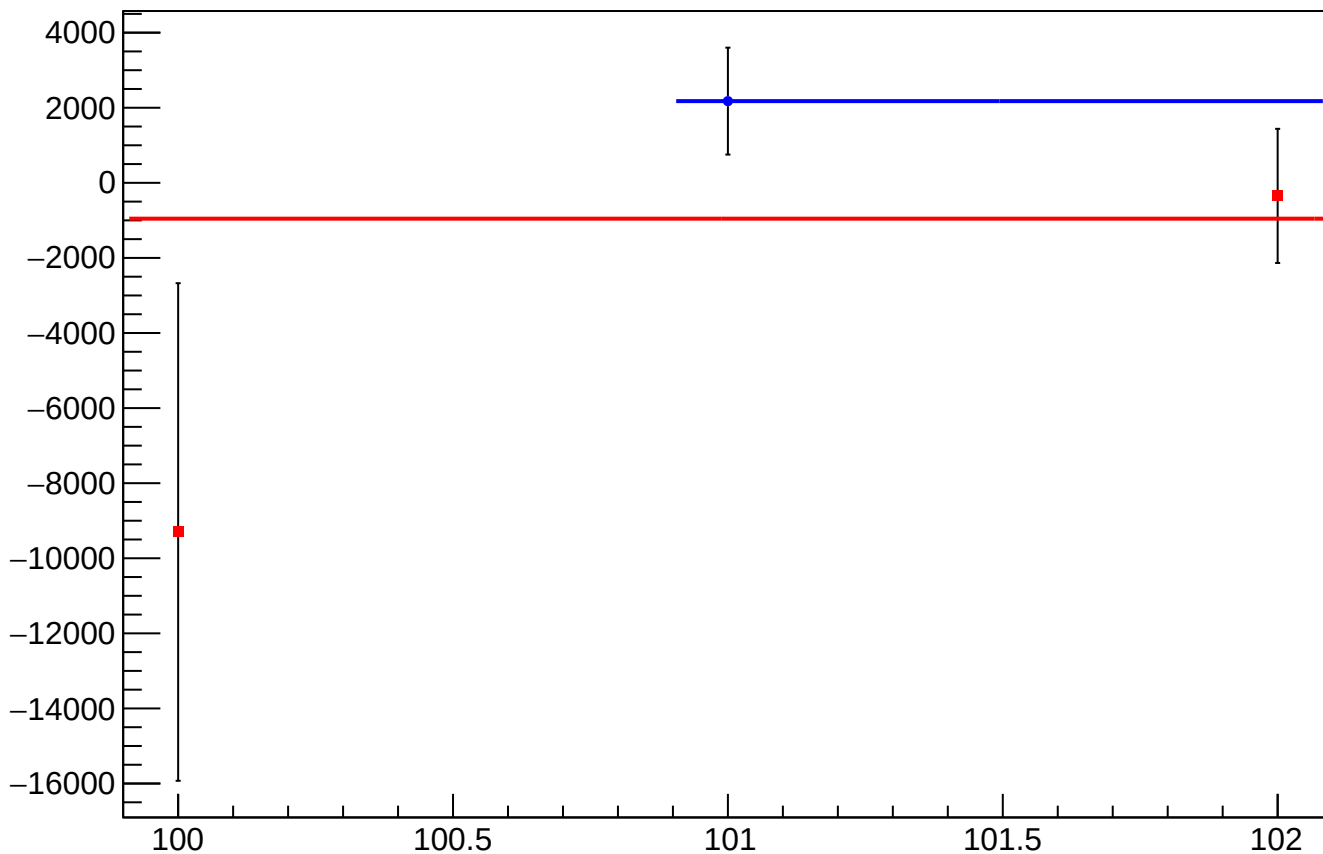
Right: 1071.639 $\pm$ 0.646 χ^2 /NDF: 4511.7/2

In: 1039.641 $\pm$ 0.907 χ^2 /NDF: 0.0/0

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

All: 1071.639 $\pm$ 0.646 χ^2 /NDF: 4511.7/2

asym_usr_dit_correction_mean vs Slug, Sign Corrected



Right In: 2176.554+/-1423.686 χ^2/NDF : 0.0/0

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

Right Out: -954.342+/-1724.917 χ^2/NDF : 1.7/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

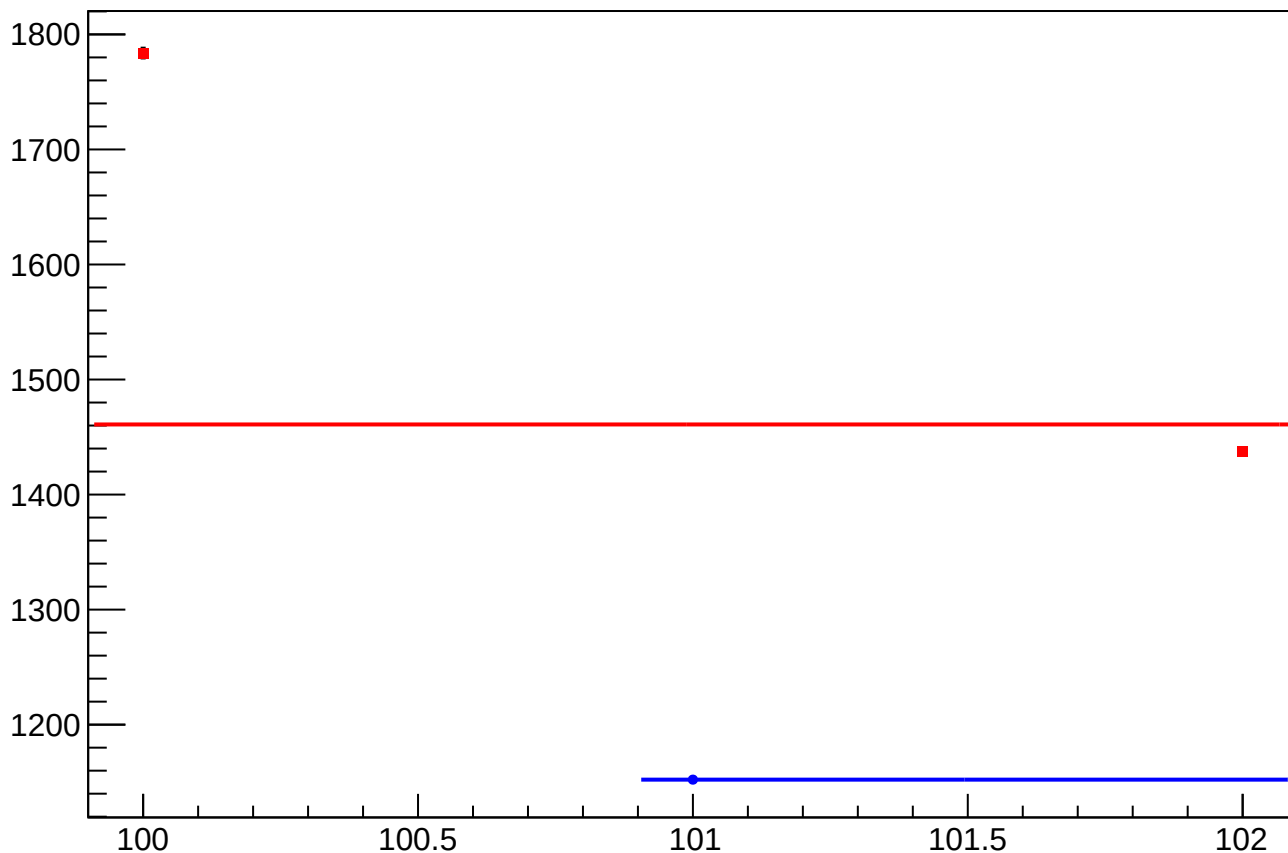
Right: 907.927+/-1097.996 χ^2/NDF : 3.7/2

In: 2176.554+/-1423.686 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 907.927+/-1097.996 χ^2/NDF : 3.7/2

asym_usr_dit_correction_rms vs Slug, Sign Corrected



Right In: 1152.201+/-1.007 χ^2/NDF : 0.0/0

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

Right Out: 1460.948+/-1.220 χ^2/NDF : 5091.1/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

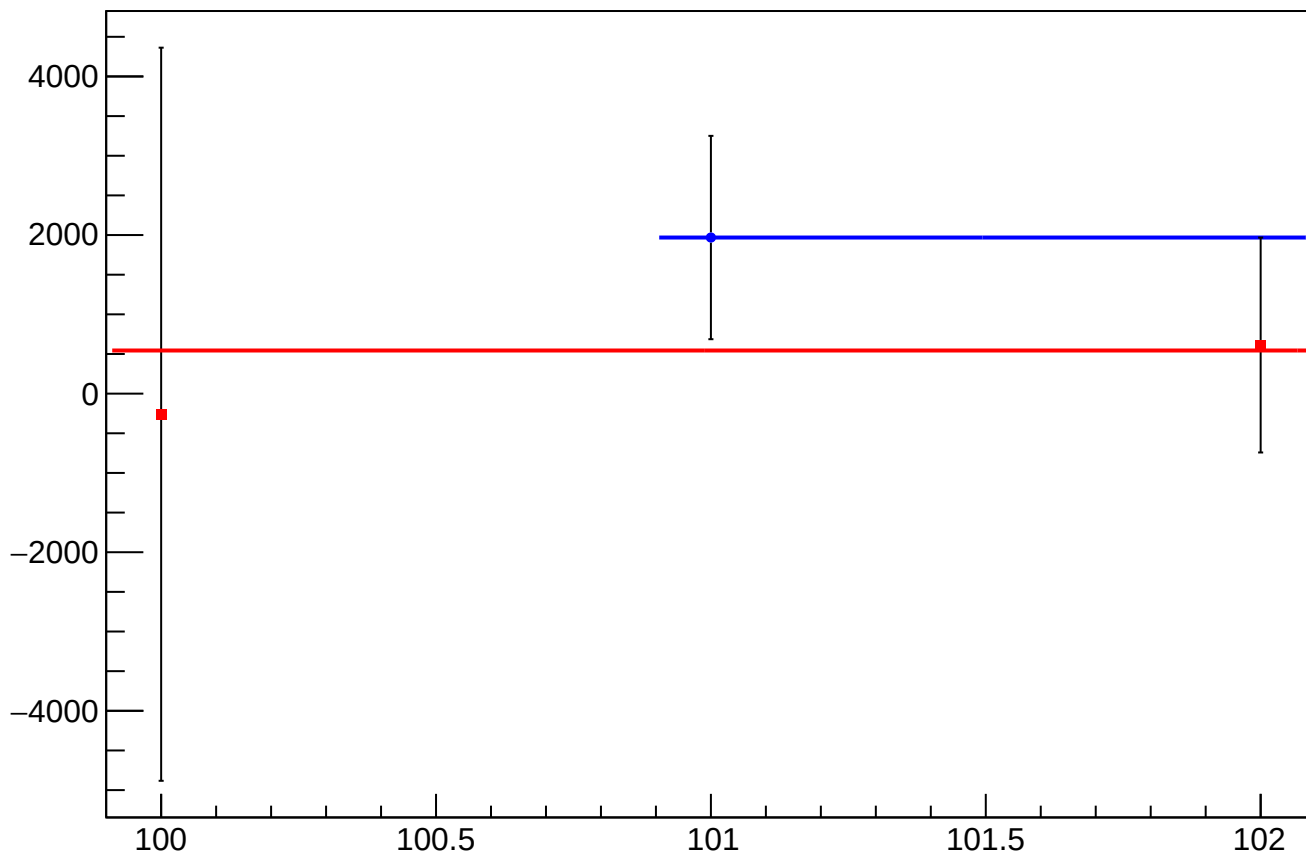
Right: 1277.304+/-0.776 χ^2/NDF : 43203.9/2

In: 1152.201+/-1.007 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1277.304+/-0.776 χ^2/NDF : 43203.9/2

eigen_dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 1968.637 $\pm$ 1282.122 χ^2/NDF : 0.0/0

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

Right Out: 543.982 $\pm$ 1300.458 χ^2/NDF : 0.0/1

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

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

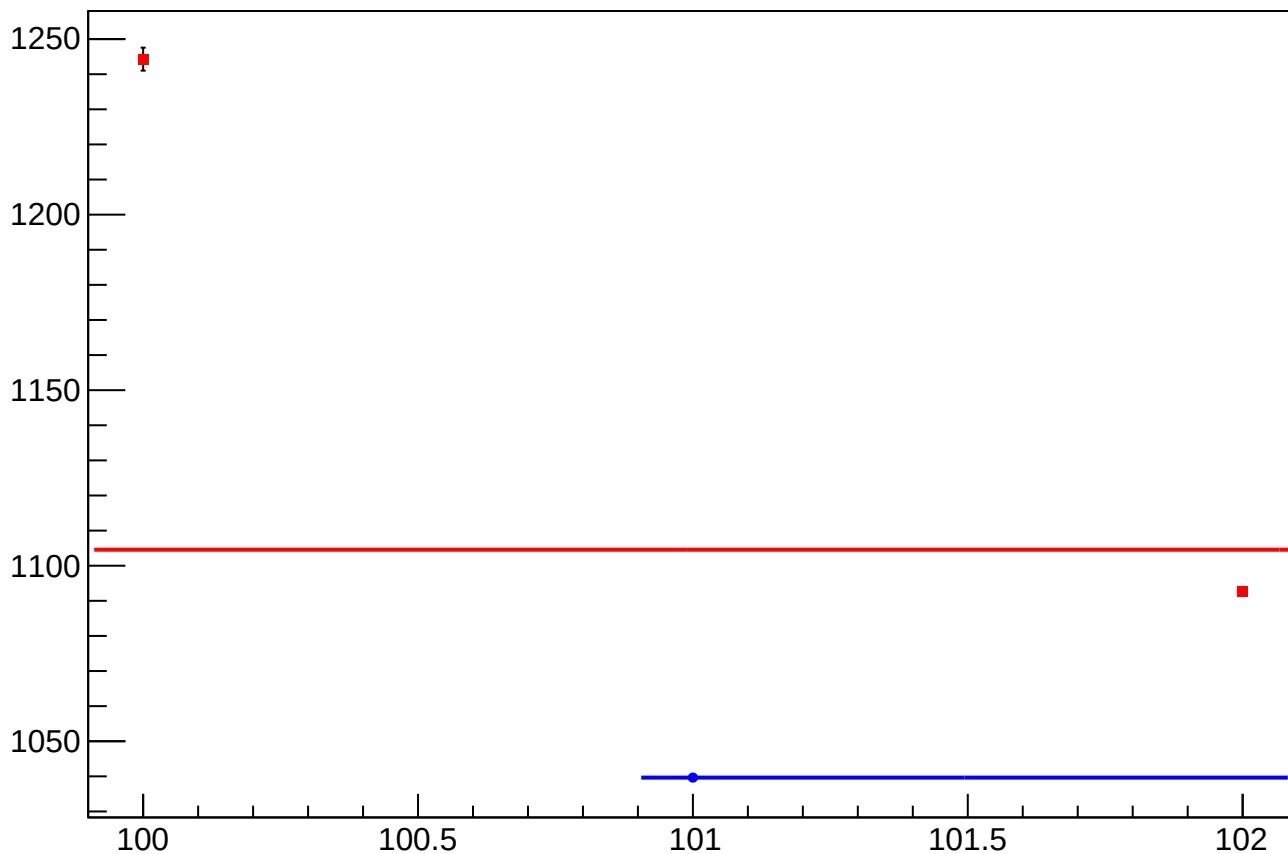
Right: 1266.424 $\pm$ 913.011 χ^2/NDF : 0.6/2

In: 1968.637 $\pm$ 1282.122 χ^2/NDF : 0.0/0

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

All: 1266.424 $\pm$ 913.011 χ^2/NDF : 0.6/2

eigen_dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1039.641 $\pm$ 0.907 χ^2/NDF : 0.0/0

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

Right Out: 1104.558 $\pm$ 0.920 χ^2/NDF : 1984.4/1

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

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

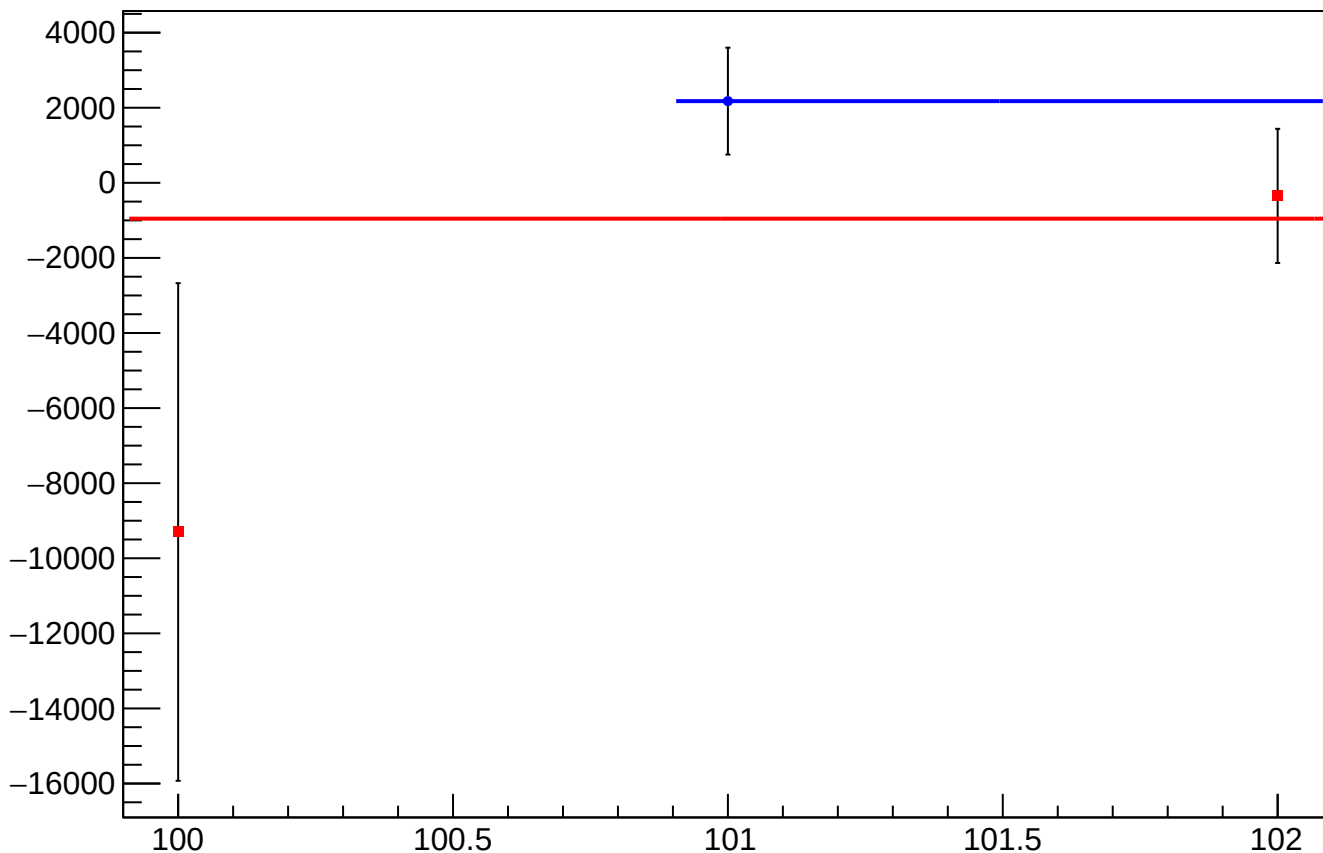
Right: 1071.639 $\pm$ 0.646 χ^2/NDF : 4511.7/2

In: 1039.641 $\pm$ 0.907 χ^2/NDF : 0.0/0

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

All: 1071.639 $\pm$ 0.646 χ^2/NDF : 4511.7/2

asym_usr_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 2176.553+/-1423.685 χ^2/NDF : 0.0/0

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

Right Out: -954.343+/-1724.921 χ^2/NDF : 1.7/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

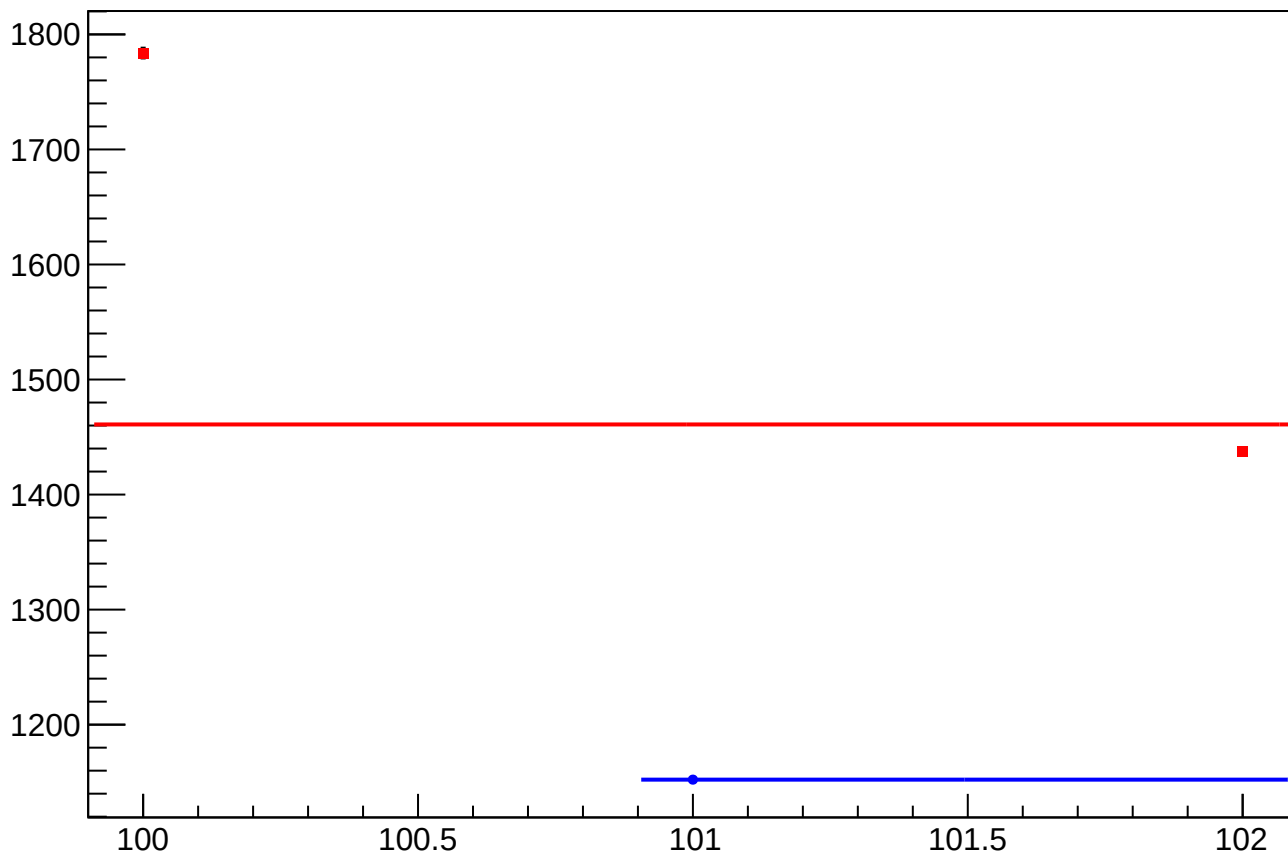
Right: 907.930+/-1097.997 χ^2/NDF : 3.7/2

In: 2176.553+/-1423.685 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 907.930+/-1097.997 χ^2/NDF : 3.7/2

asym_usr_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1152.201 $\pm$ 1.007 χ^2 /NDF: 0.0/0

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

Right Out: 1460.952 $\pm$ 1.220 χ^2 /NDF: 5091.0/1

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

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

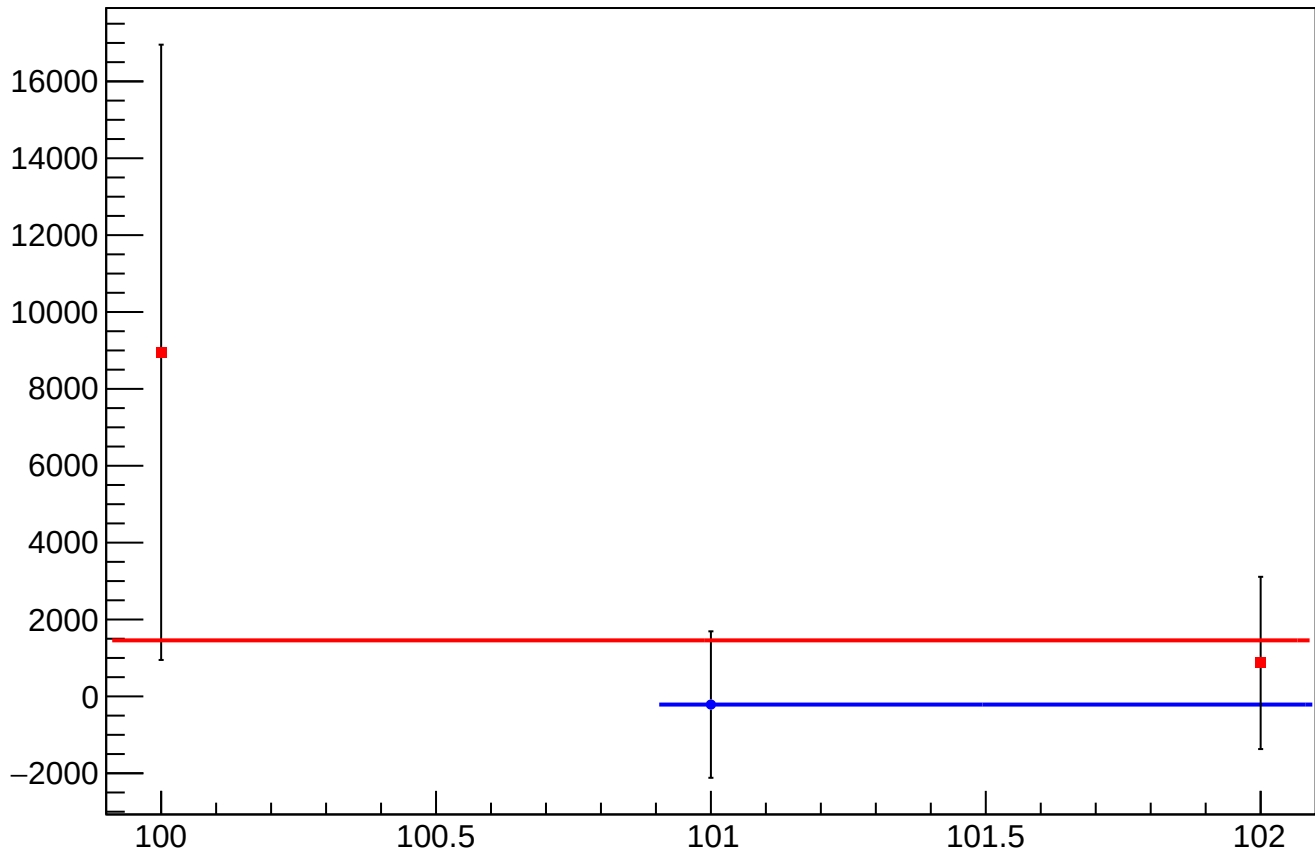
Right: 1277.305 $\pm$ 0.776 χ^2 /NDF: 43204.7/2

In: 1152.201 $\pm$ 1.007 χ^2 /NDF: 0.0/0

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

All: 1277.305 $\pm$ 0.776 χ^2 /NDF: 43204.7/2

asym_usr_mean vs Slug, Sign Corrected



Right In: -212.579+/-1905.343 χ^2/NDF : 0.0/0

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

Right Out: 1457.579+/-2157.655 χ^2/NDF : 0.9/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

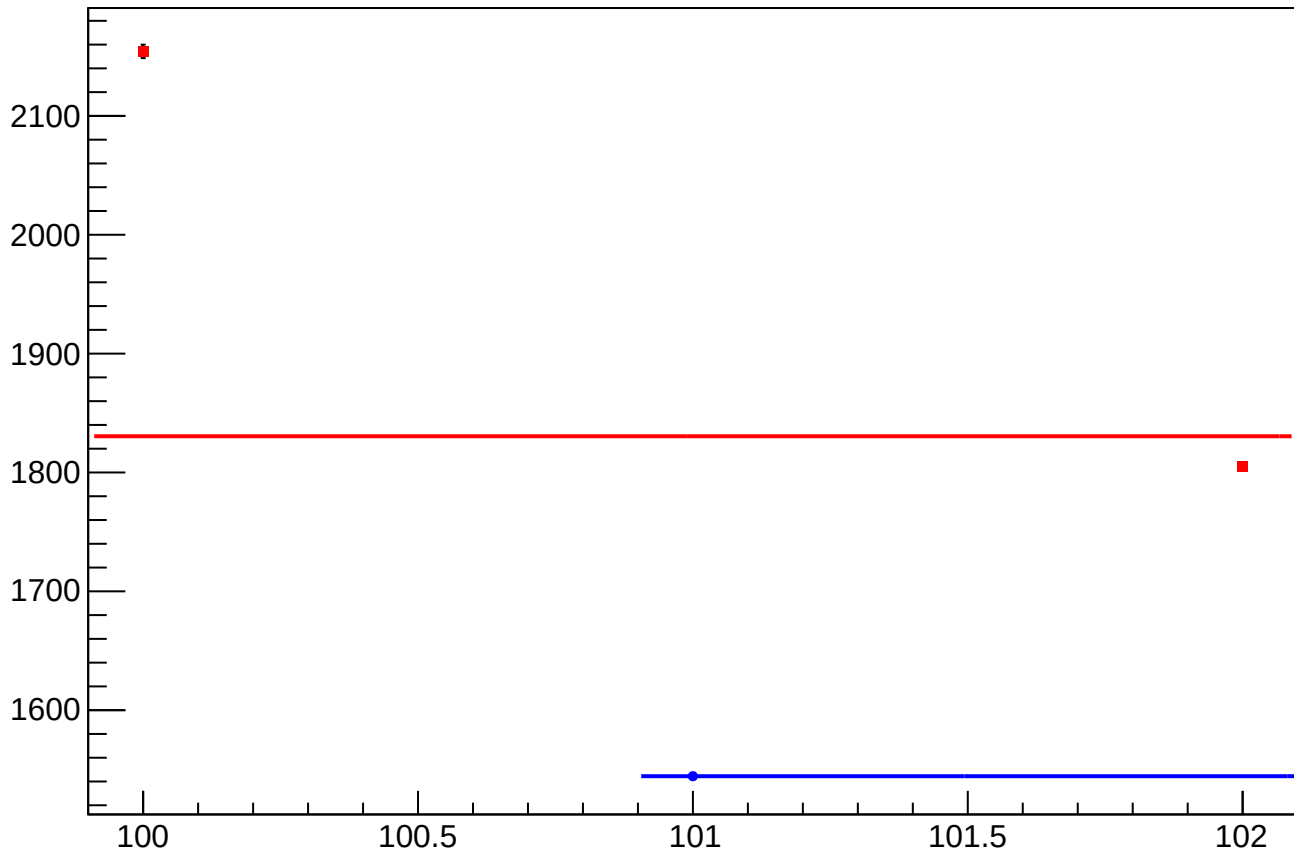
Right: 519.181+/-1428.196 χ^2/NDF : 1.3/2

In: -212.579+/-1905.343 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 519.181+/-1428.196 χ^2/NDF : 1.3/2

asym_usr_rms vs Slug, Sign Corrected



Right In: 1544.459+/-1.347 χ^2/NDF : 0.0/0

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

Right Out: 1830.475+/-1.526 χ^2/NDF : 3530.1/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

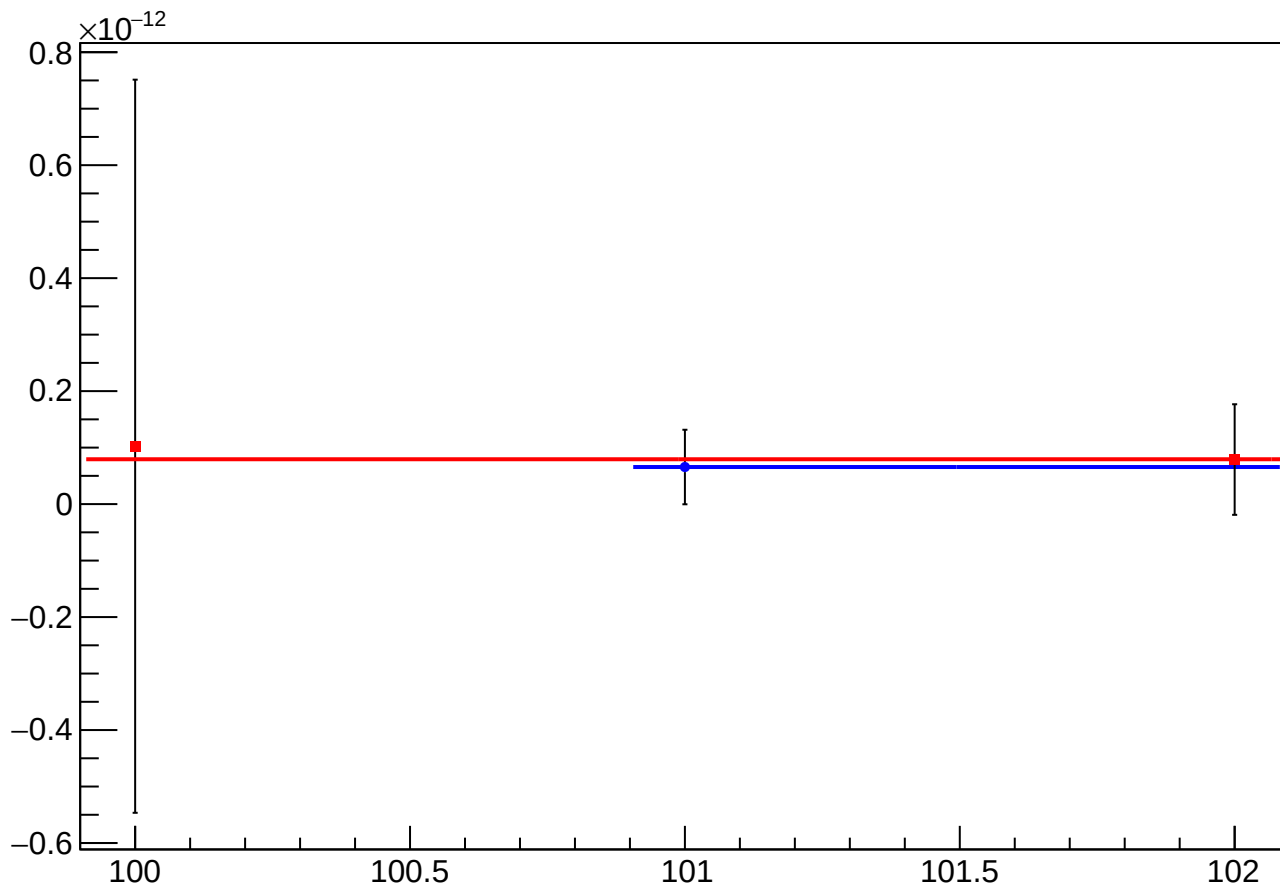
Right: 1669.774+/-1.010 χ^2/NDF : 23276.1/2

In: 1544.459+/-1.347 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1669.774+/-1.010 χ^2/NDF : 23276.1/2

asym_usr_reg_vs_cor_diff_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 : 0.0/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

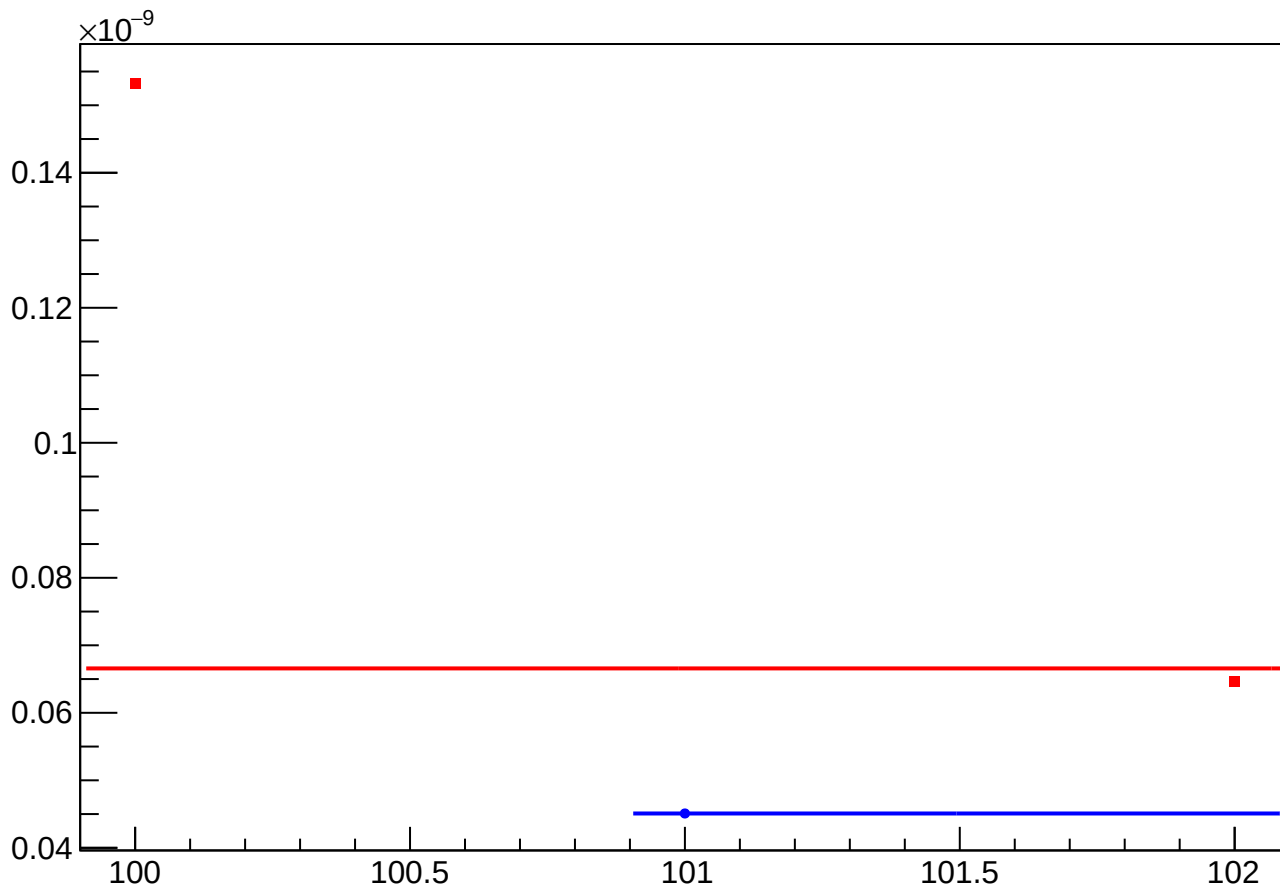
Right: 0.000+/-0.000 χ^2/NDF : 0.0/2

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 : 0.0/2

asym_usr_reg_vs_cor_diff_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 : 36436.0/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

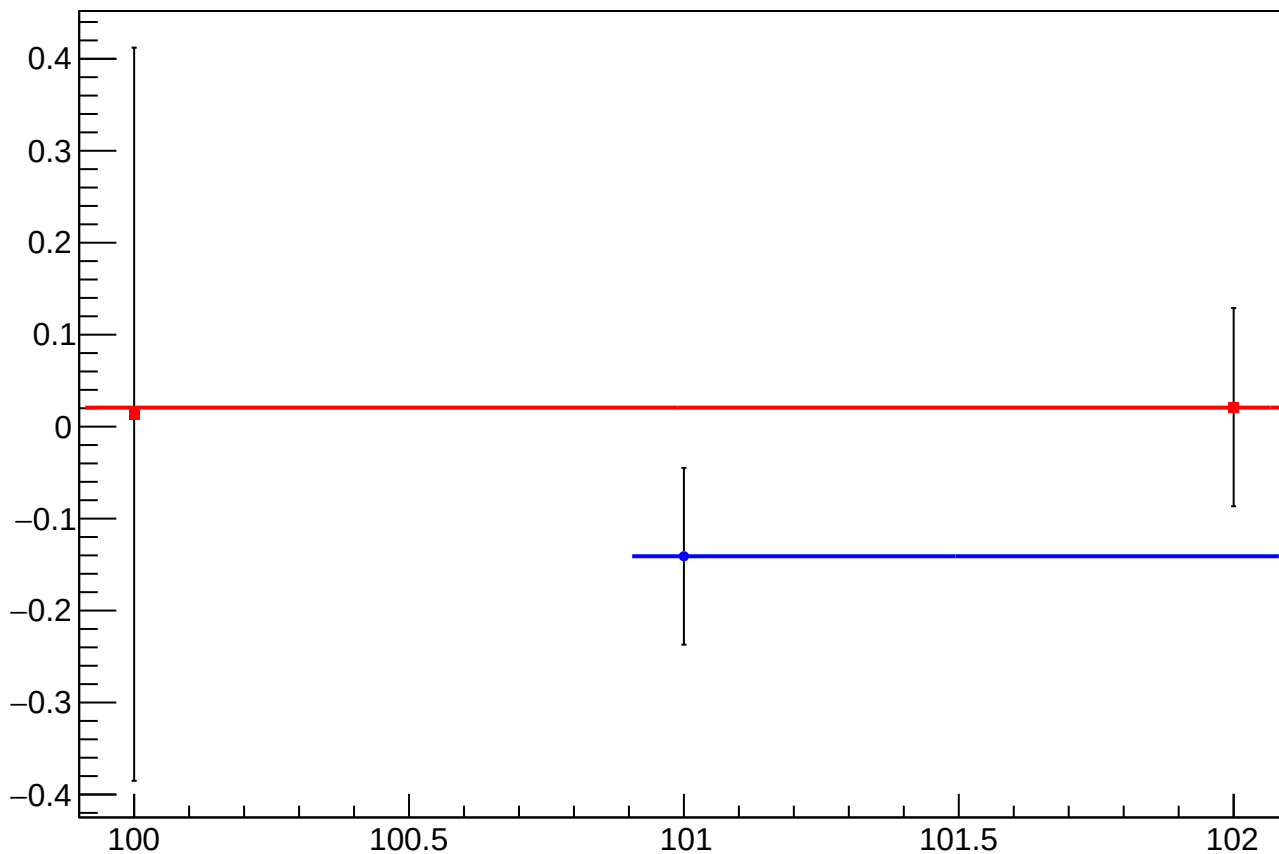
Right: 0.000+/-0.000 χ^2/NDF : 103762.8/2

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 : 103762.8/2

asym_usr_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.141 $\pm$ 0.096 χ^2 /NDF: 0.0/0

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

Right Out: 0.021 $\pm$ 0.104 χ^2 /NDF: 0.0/1

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

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

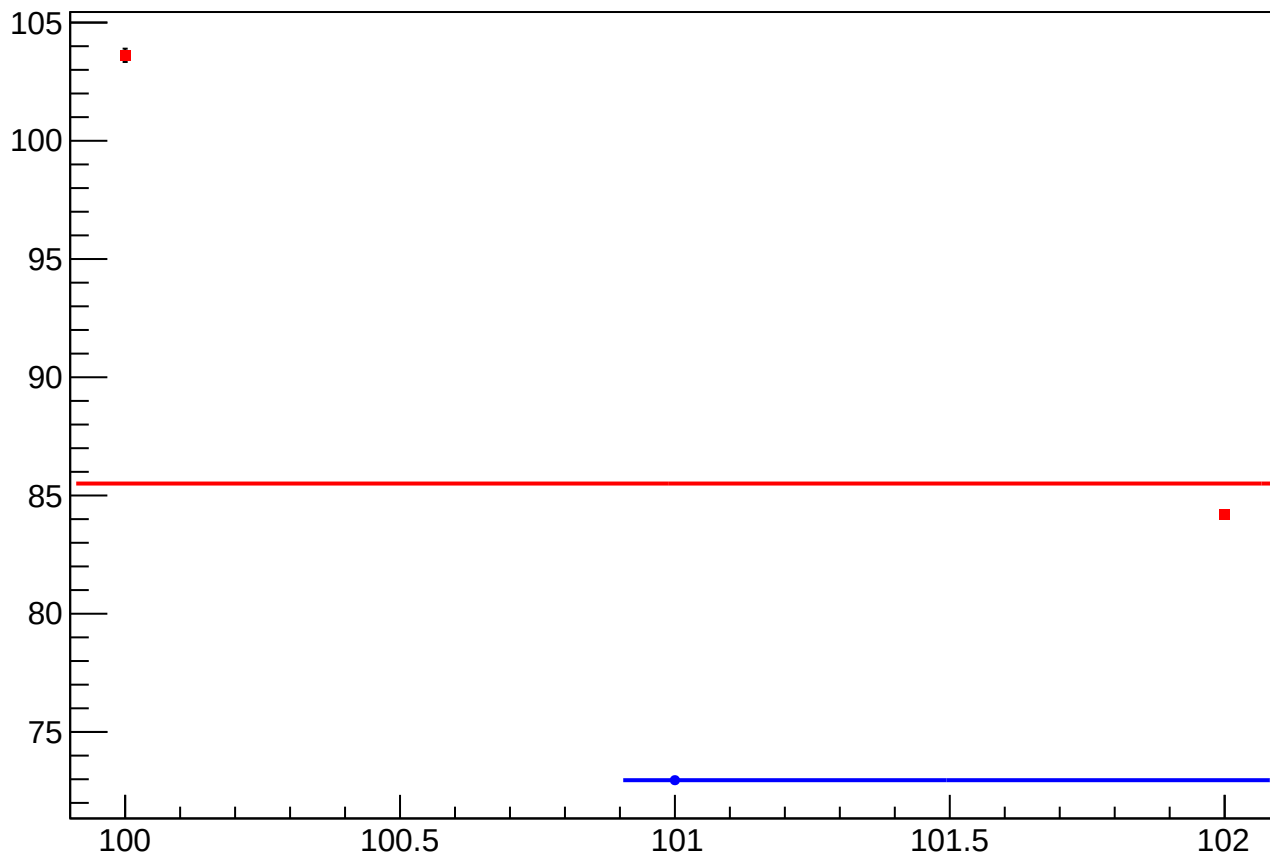
Right: -0.067 $\pm$ 0.071 χ^2 /NDF: 1.3/2

In: -0.141 $\pm$ 0.096 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.067 $\pm$ 0.071 χ^2 /NDF: 1.3/2

asym_usr_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 72.960 $\pm$ 0.068 χ^2 /NDF: 0.0/0

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

Right Out: 85.505 $\pm$ 0.074 χ^2 /NDF: 4429.4/1

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

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

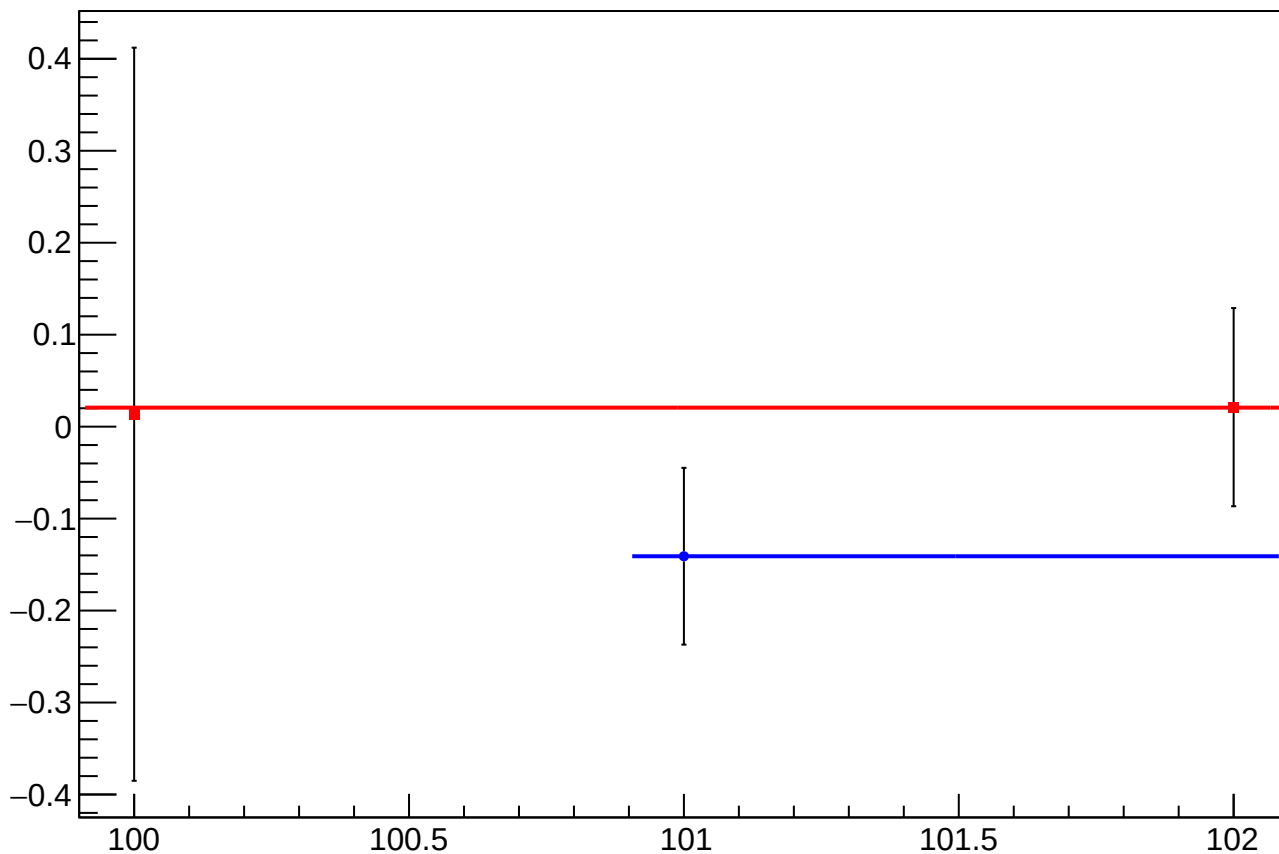
Right: 78.737 $\pm$ 0.050 χ^2 /NDF: 20122.4/2

In: 72.960 $\pm$ 0.068 χ^2 /NDF: 0.0/0

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

All: 78.737 $\pm$ 0.050 χ^2 /NDF: 20122.4/2

asym_usr_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.141 $\pm$ 0.096 χ^2 /NDF: 0.0/0

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

Right Out: 0.021 $\pm$ 0.104 χ^2 /NDF: 0.0/1

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

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

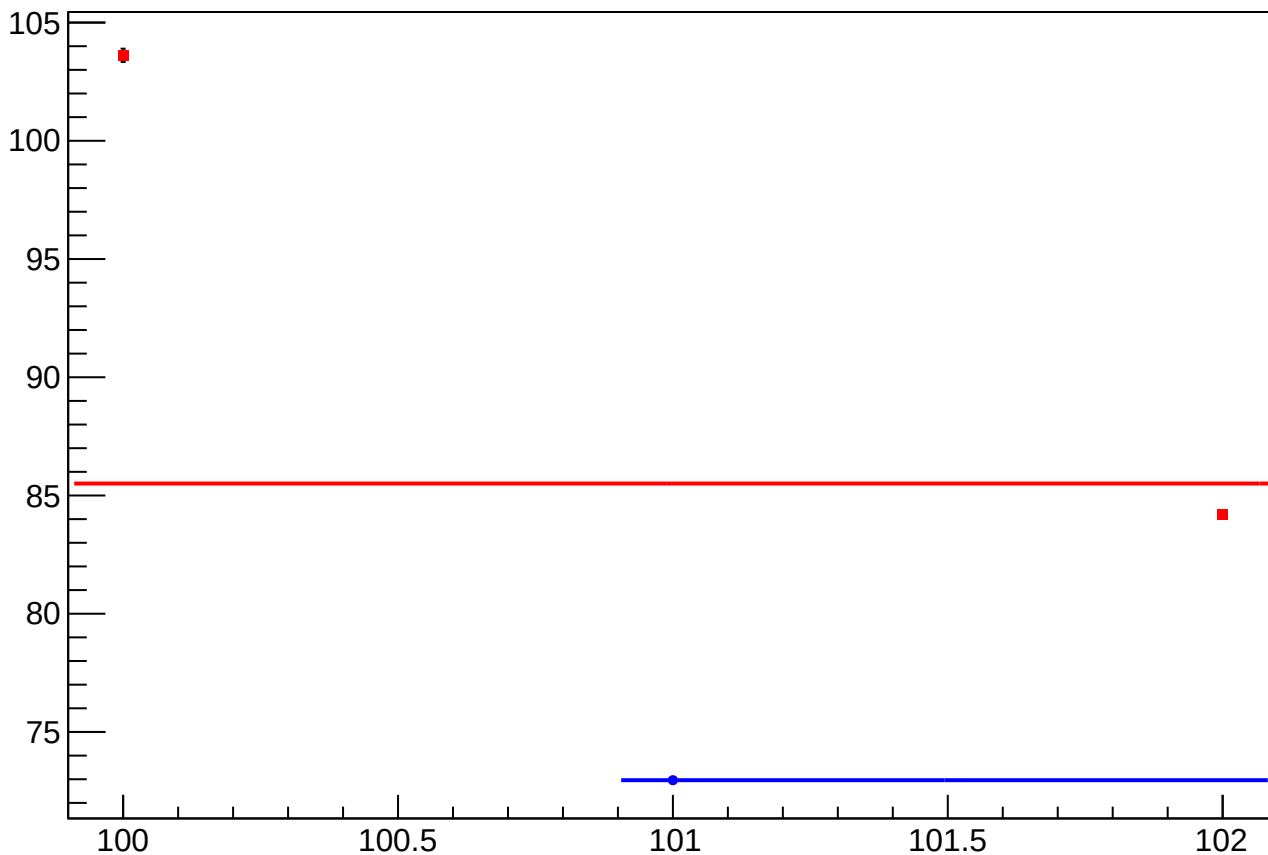
Right: -0.067 $\pm$ 0.071 χ^2 /NDF: 1.3/2

In: -0.141 $\pm$ 0.096 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.067 $\pm$ 0.071 χ^2 /NDF: 1.3/2

asym_usr_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 72.960 $\pm$ 0.068 χ^2 /NDF: 0.0/0

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

Right Out: 85.505 $\pm$ 0.074 χ^2 /NDF: 4429.4/1

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

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

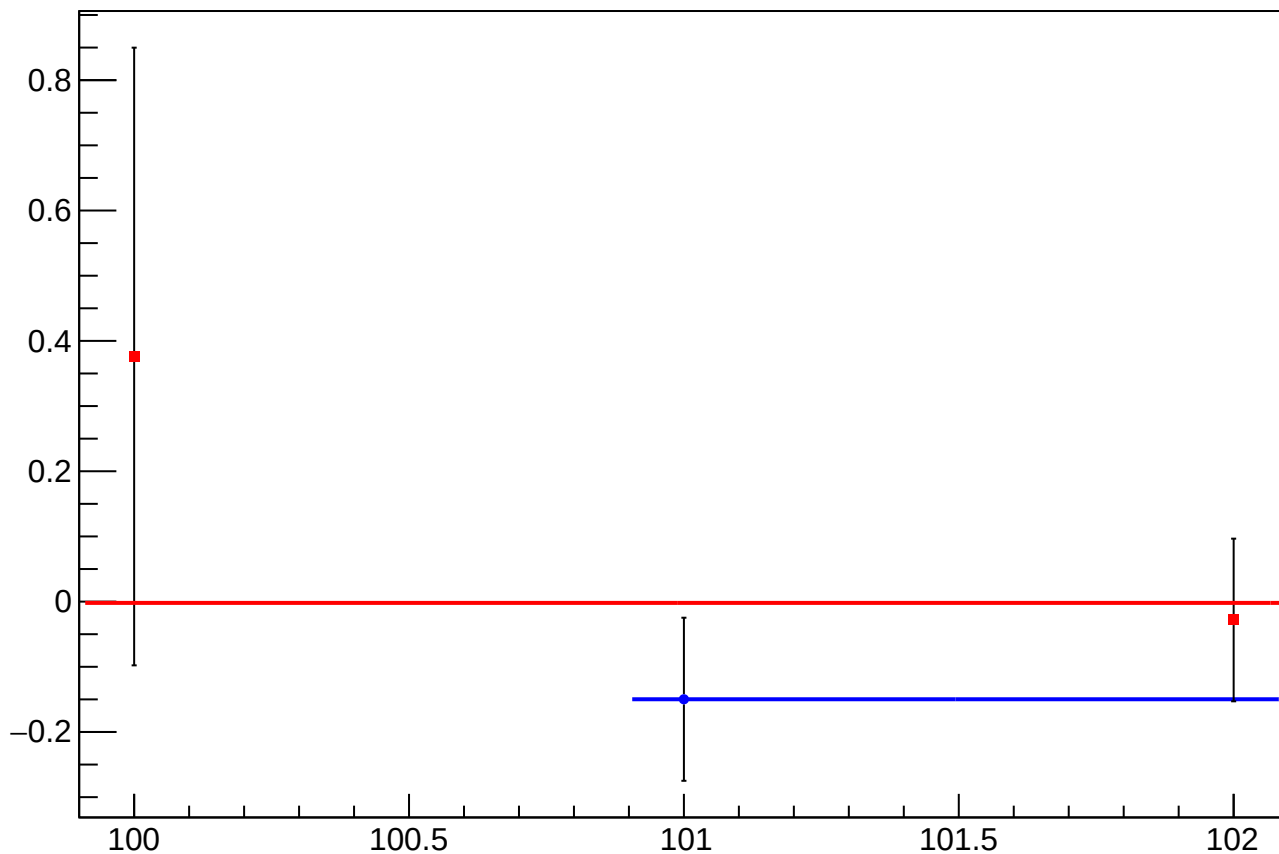
Right: 78.737 $\pm$ 0.050 χ^2 /NDF: 20122.4/2

In: 72.960 $\pm$ 0.068 χ^2 /NDF: 0.0/0

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

All: 78.737 $\pm$ 0.050 χ^2 /NDF: 20122.4/2

asym_usr_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.150+/-0.125 χ^2/NDF : 0.0/0

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

Right Out: -0.002+/-0.121 χ^2/NDF : 0.7/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

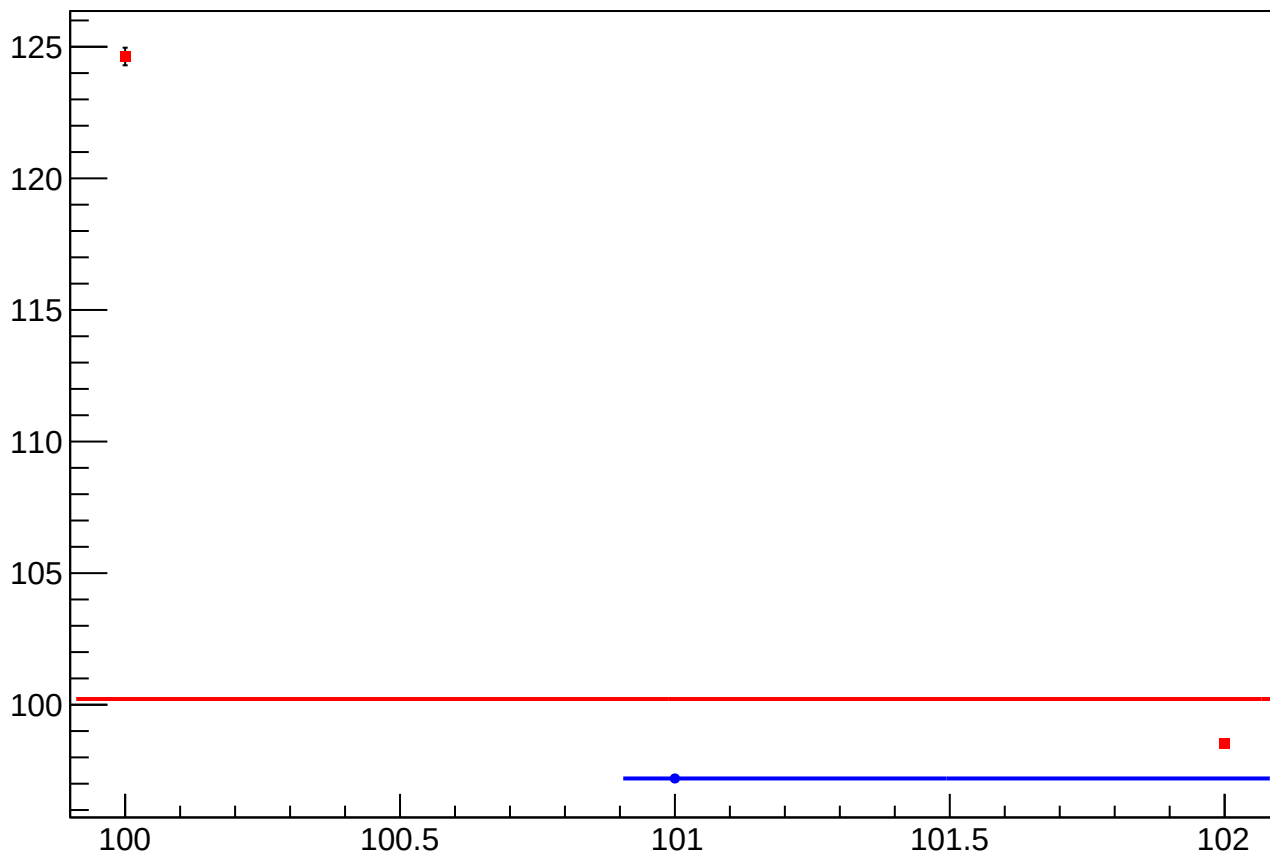
Right: -0.073+/-0.087 χ^2/NDF : 1.4/2

In: -0.150+/-0.125 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.073+/-0.087 χ^2/NDF : 1.4/2

asym_usr_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 97.199 $\pm$ 0.088 χ^2 /NDF: 0.0/0

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

Right Out: 100.219 $\pm$ 0.085 χ^2 /NDF: 5677.2/1

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

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

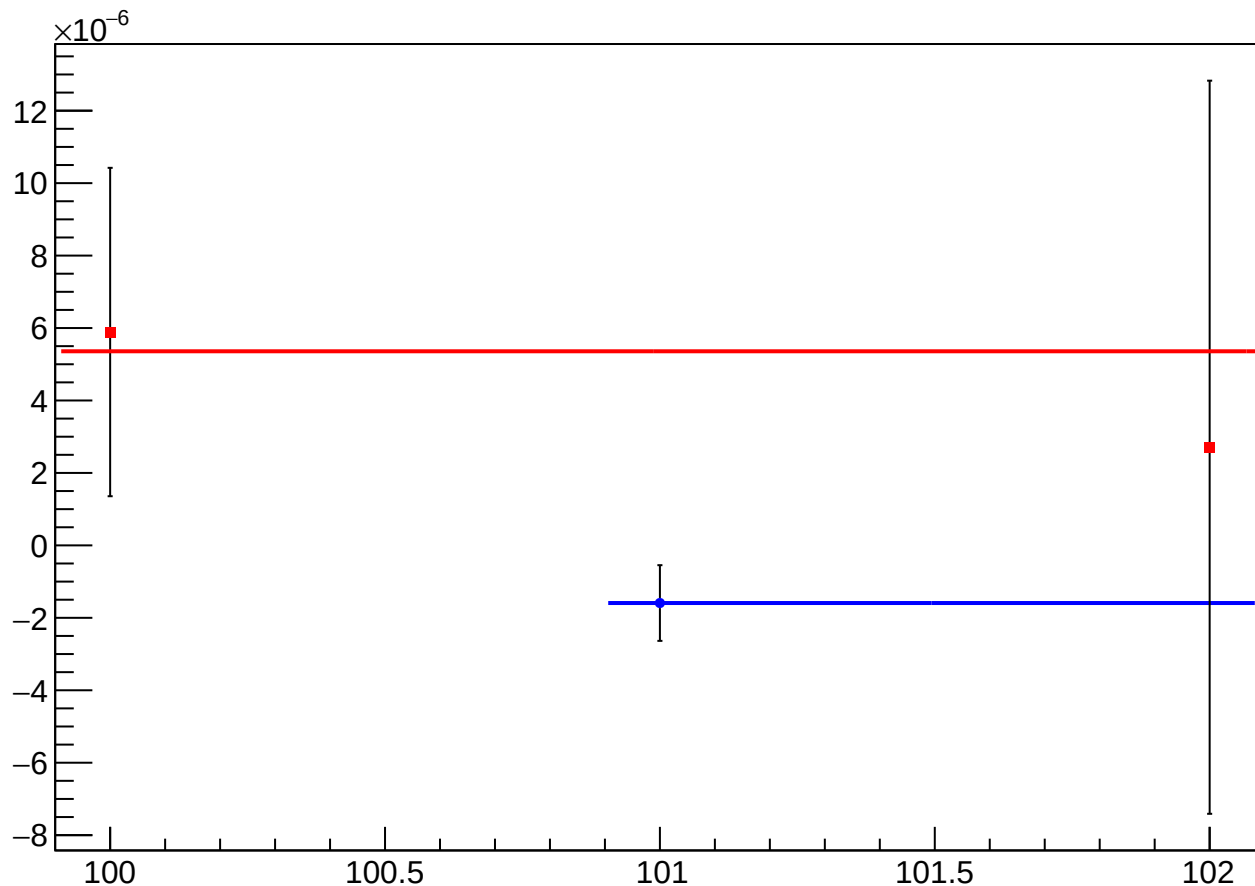
Right: 98.763 $\pm$ 0.061 χ^2 /NDF: 6281.0/2

In: 97.199 $\pm$ 0.088 χ^2 /NDF: 0.0/0

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

All: 98.763 $\pm$ 0.061 χ^2 /NDF: 6281.0/2

asym_usr_eigen_dit_vs_dit_diff_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 : 0.1/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

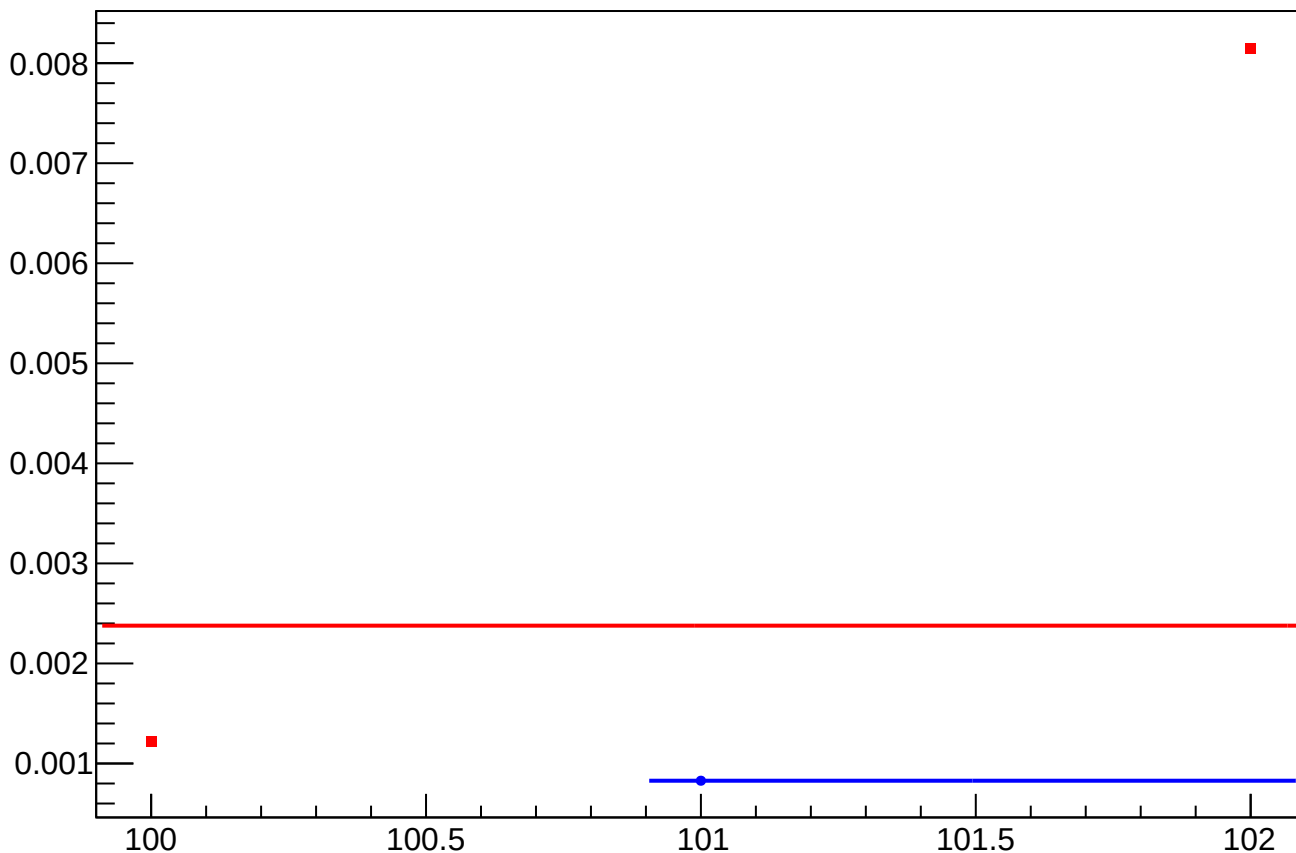
Right: -0.000+/-0.000 χ^2/NDF : 2.7/2

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 : 2.7/2

asym_usr_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.002+/-0.000 χ^2/NDF : 780689.1/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

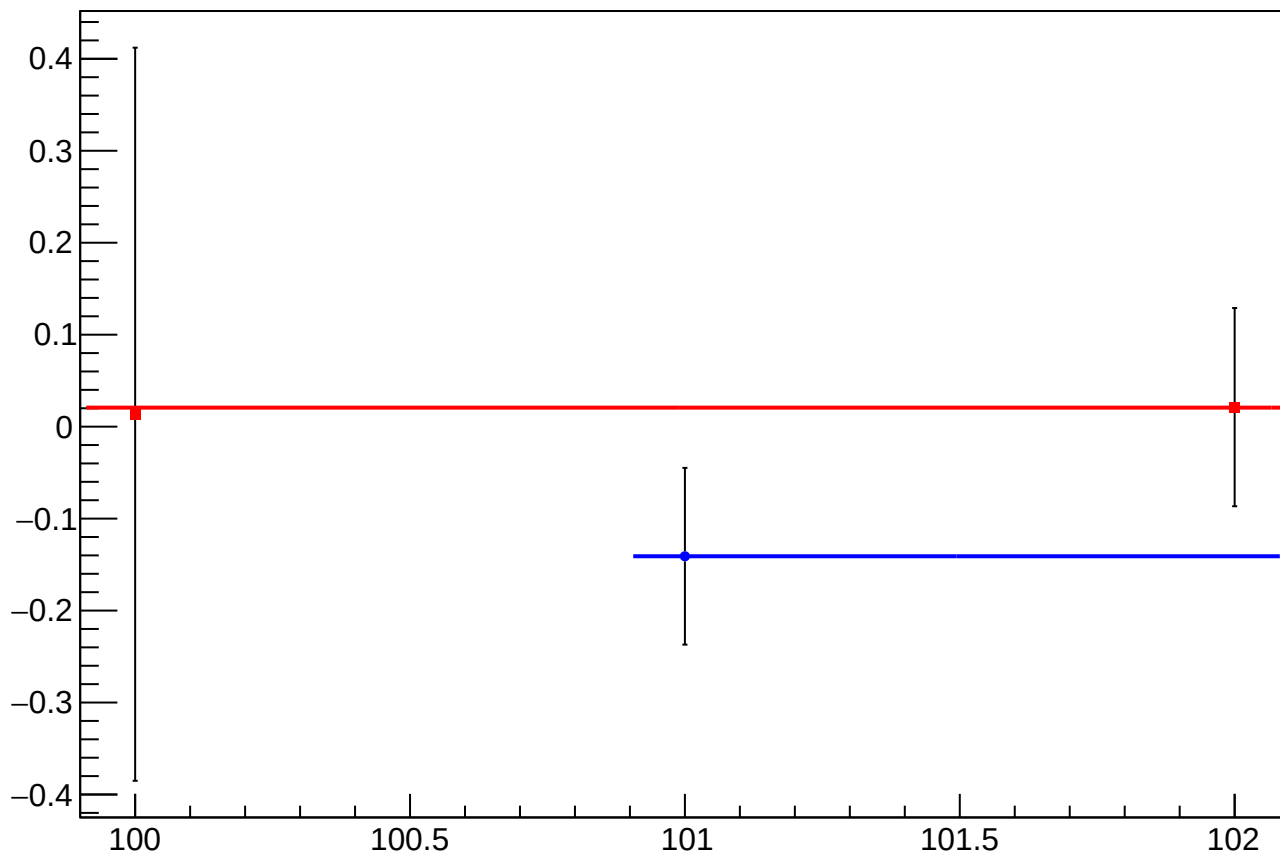
Right: 0.001+/-0.000 χ^2/NDF : 1044609.0/2

In: 0.001+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1044609.0/2

asym_usr_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.141 $\pm$ 0.096 χ^2 /NDF: 0.0/0

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

Right Out: 0.021 $\pm$ 0.104 χ^2 /NDF: 0.0/1

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

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

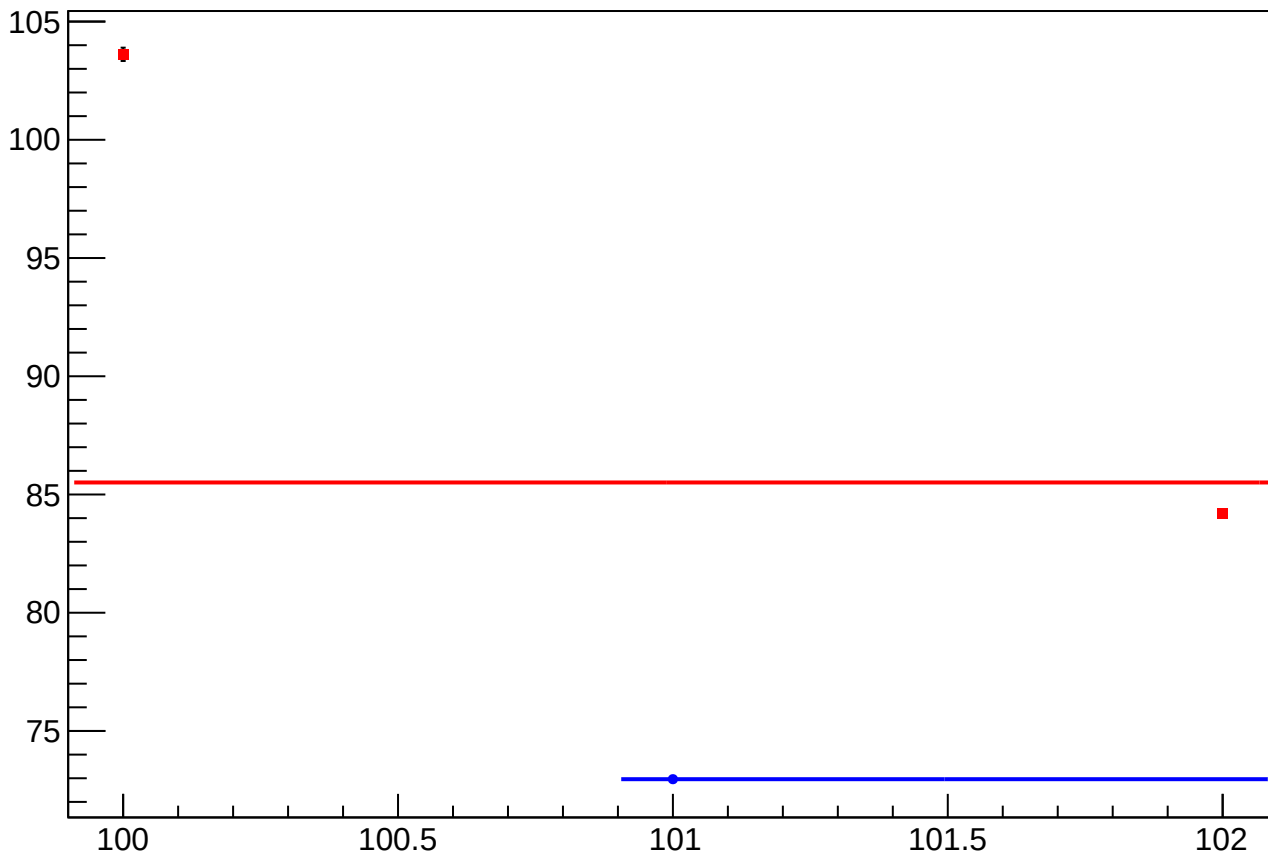
Right: -0.067 $\pm$ 0.071 χ^2 /NDF: 1.3/2

In: -0.141 $\pm$ 0.096 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.067 $\pm$ 0.071 χ^2 /NDF: 1.3/2

asym_usr_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 72.960 $\pm$ 0.068 χ^2 /NDF: 0.0/0

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

Right Out: 85.508 $\pm$ 0.074 χ^2 /NDF: 4428.0/1

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

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

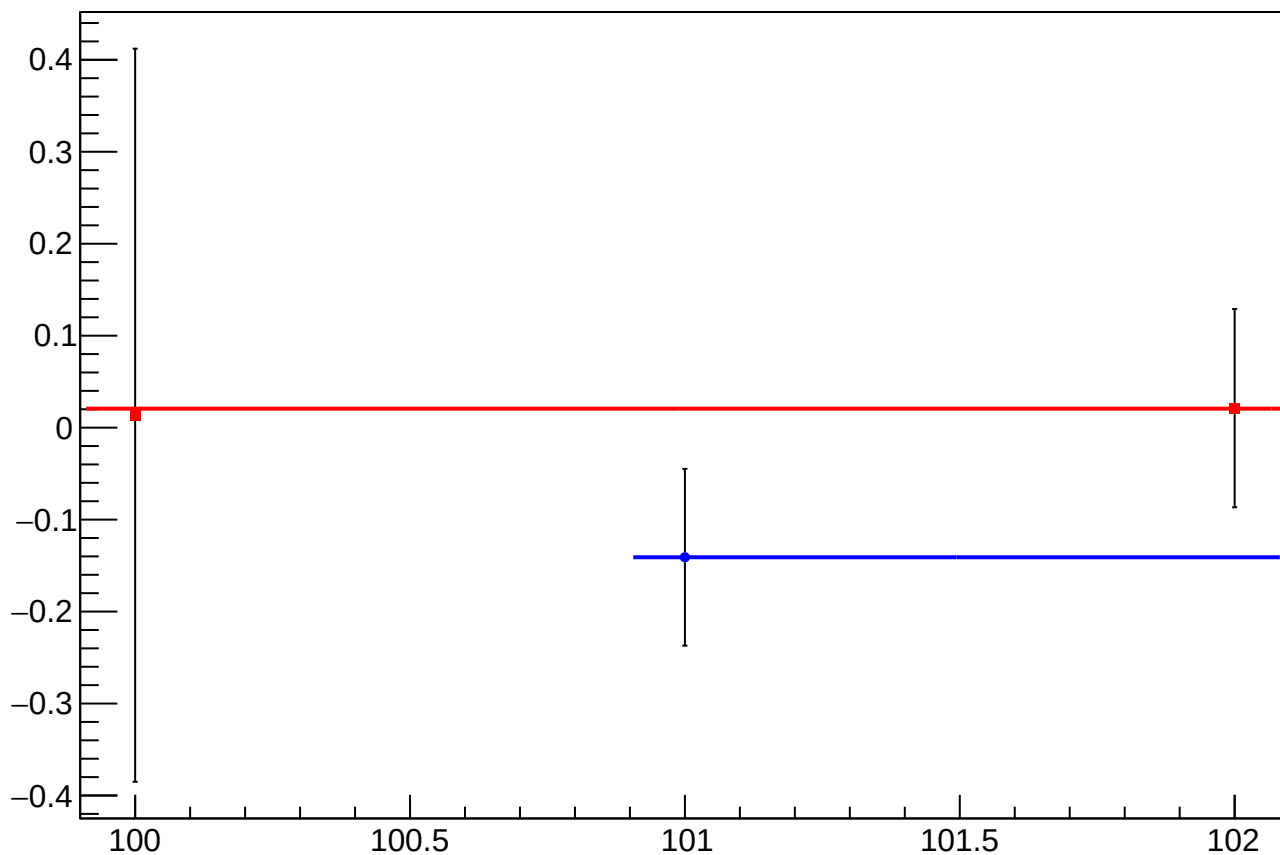
Right: 78.739 $\pm$ 0.050 χ^2 /NDF: 20127.3/2

In: 72.960 $\pm$ 0.068 χ^2 /NDF: 0.0/0

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

All: 78.739 $\pm$ 0.050 χ^2 /NDF: 20127.3/2

asym_usr_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.141 $\pm$ 0.096 χ^2/NDF : 0.0/0

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

Right Out: 0.021 $\pm$ 0.104 χ^2/NDF : 0.0/1

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

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

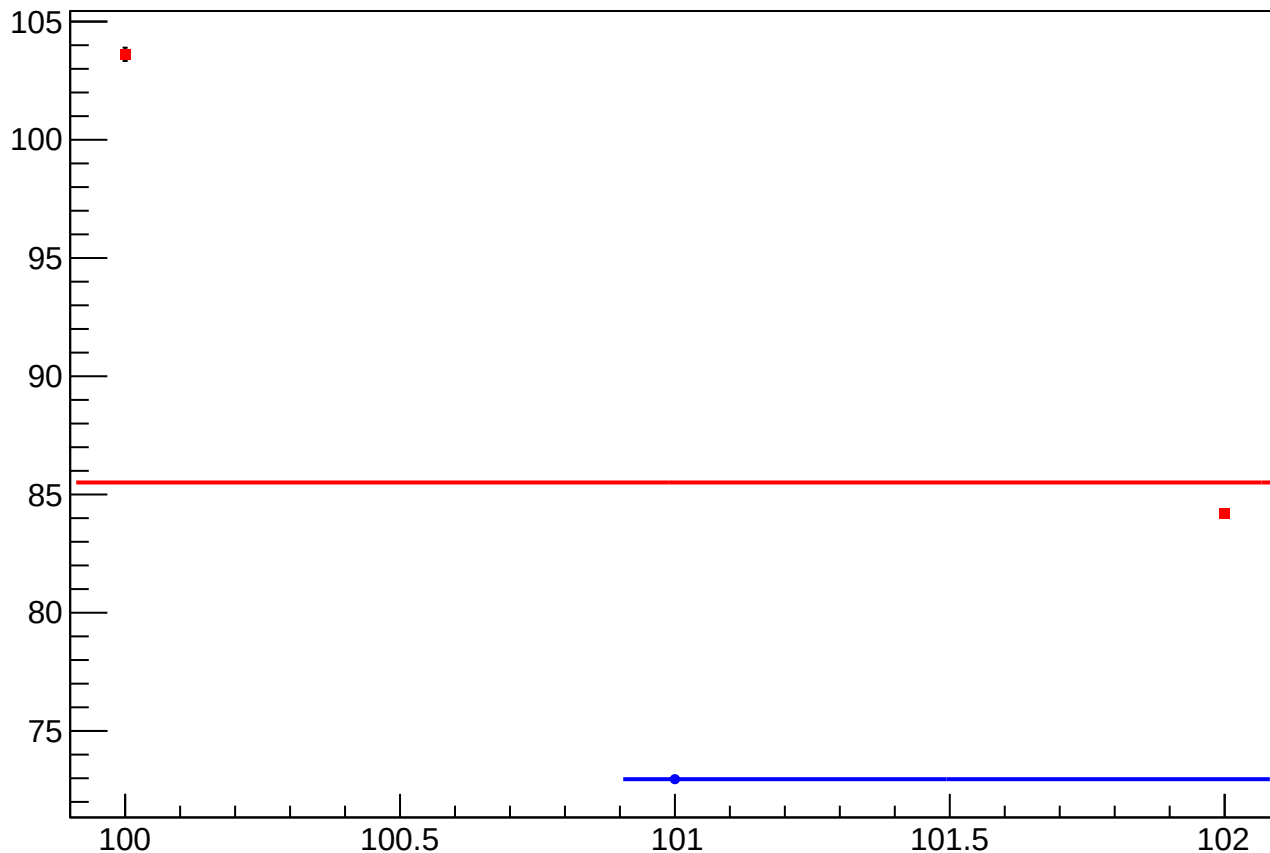
Right: -0.067 $\pm$ 0.071 χ^2/NDF : 1.3/2

In: -0.141 $\pm$ 0.096 χ^2/NDF : 0.0/0

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

All: -0.067 $\pm$ 0.071 χ^2/NDF : 1.3/2

asym_usr_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 72.960 $\pm$ 0.068 χ^2 /NDF: 0.0/0

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

Right Out: 85.508 $\pm$ 0.074 χ^2 /NDF: 4428.0/1

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

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

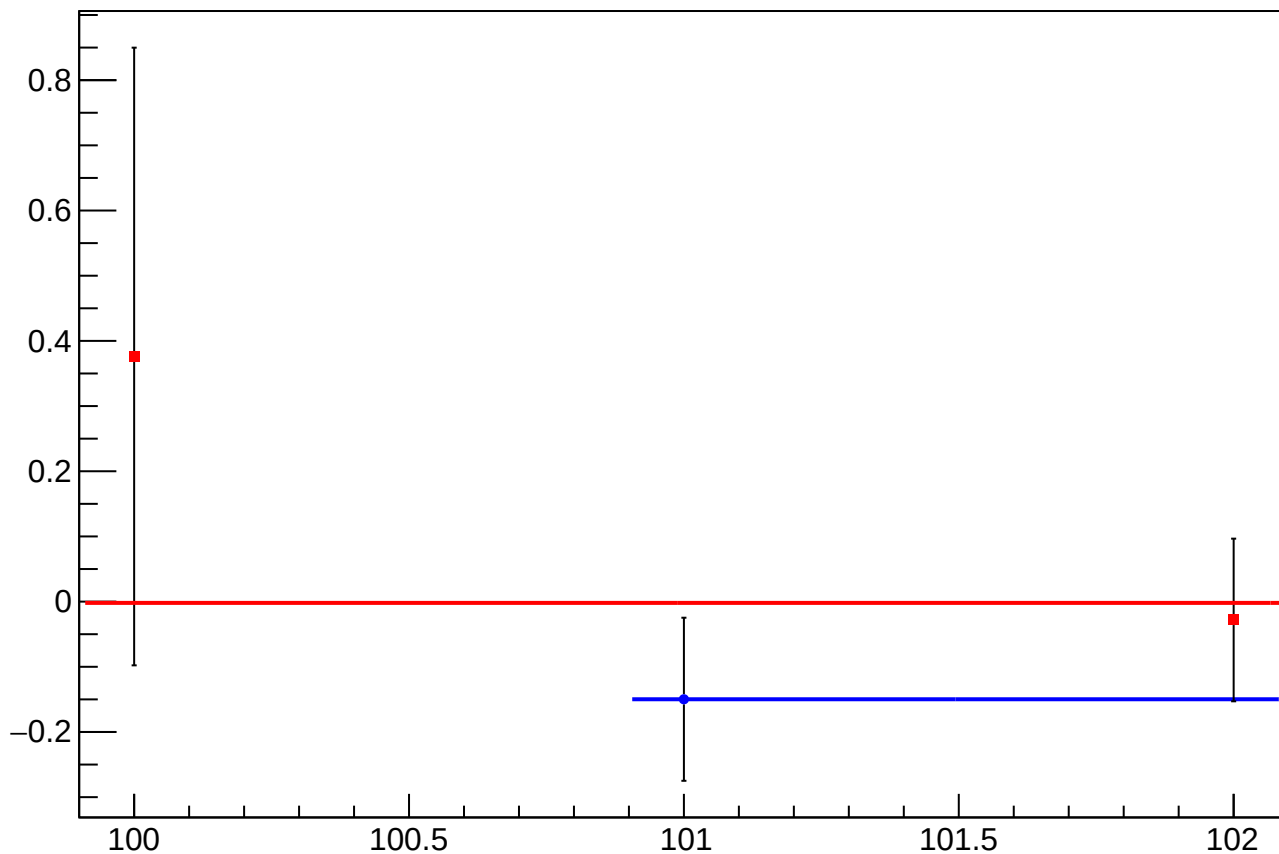
Right: 78.739 $\pm$ 0.050 χ^2 /NDF: 20127.3/2

In: 72.960 $\pm$ 0.068 χ^2 /NDF: 0.0/0

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

All: 78.739 $\pm$ 0.050 χ^2 /NDF: 20127.3/2

asym_usr_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.150+/-0.125 χ^2/NDF : 0.0/0

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

Right Out: -0.002+/-0.121 χ^2/NDF : 0.7/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

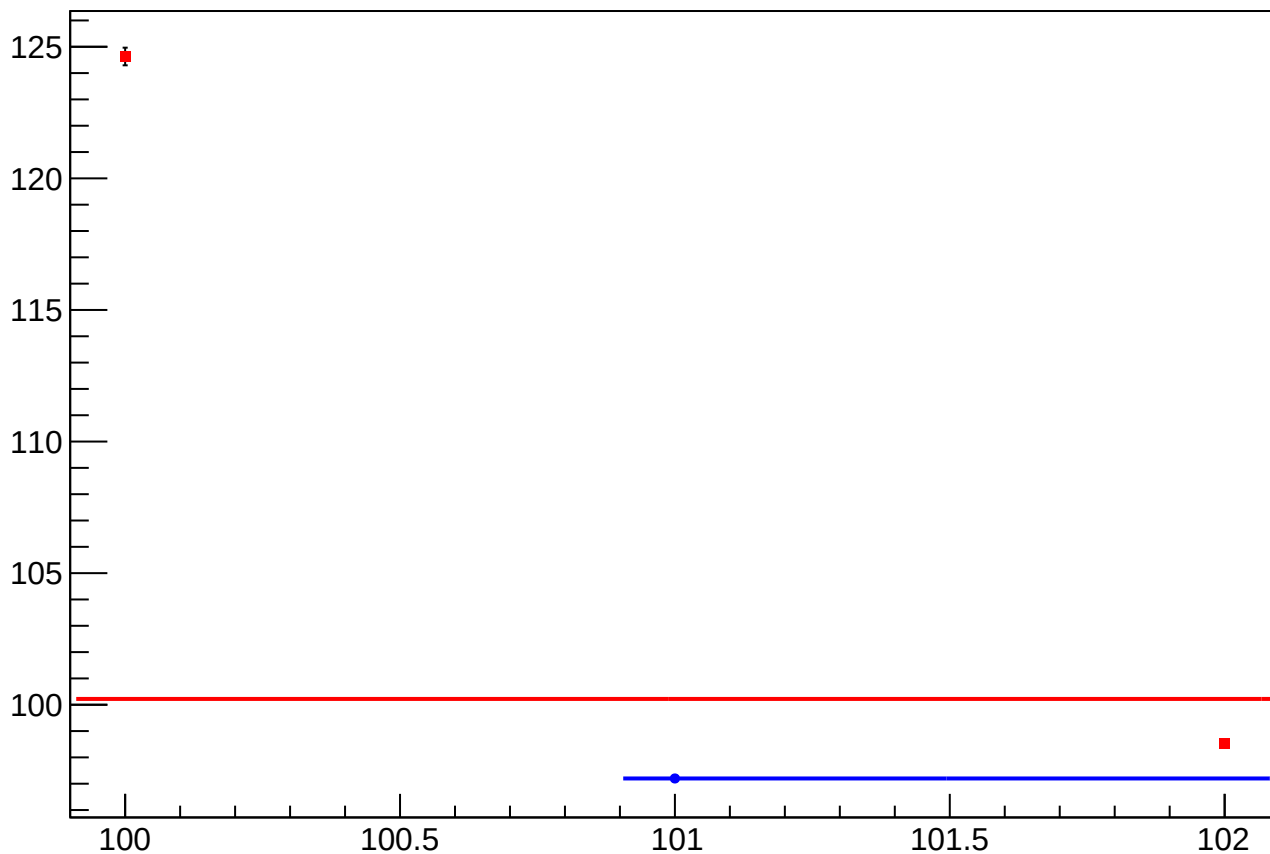
Right: -0.073+/-0.087 χ^2/NDF : 1.4/2

In: -0.150+/-0.125 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.073+/-0.087 χ^2/NDF : 1.4/2

asym_usr_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 97.199+/-0.088 χ^2/NDF : 0.0/0

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

Right Out: 100.221+/-0.085 χ^2/NDF : 5676.1/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

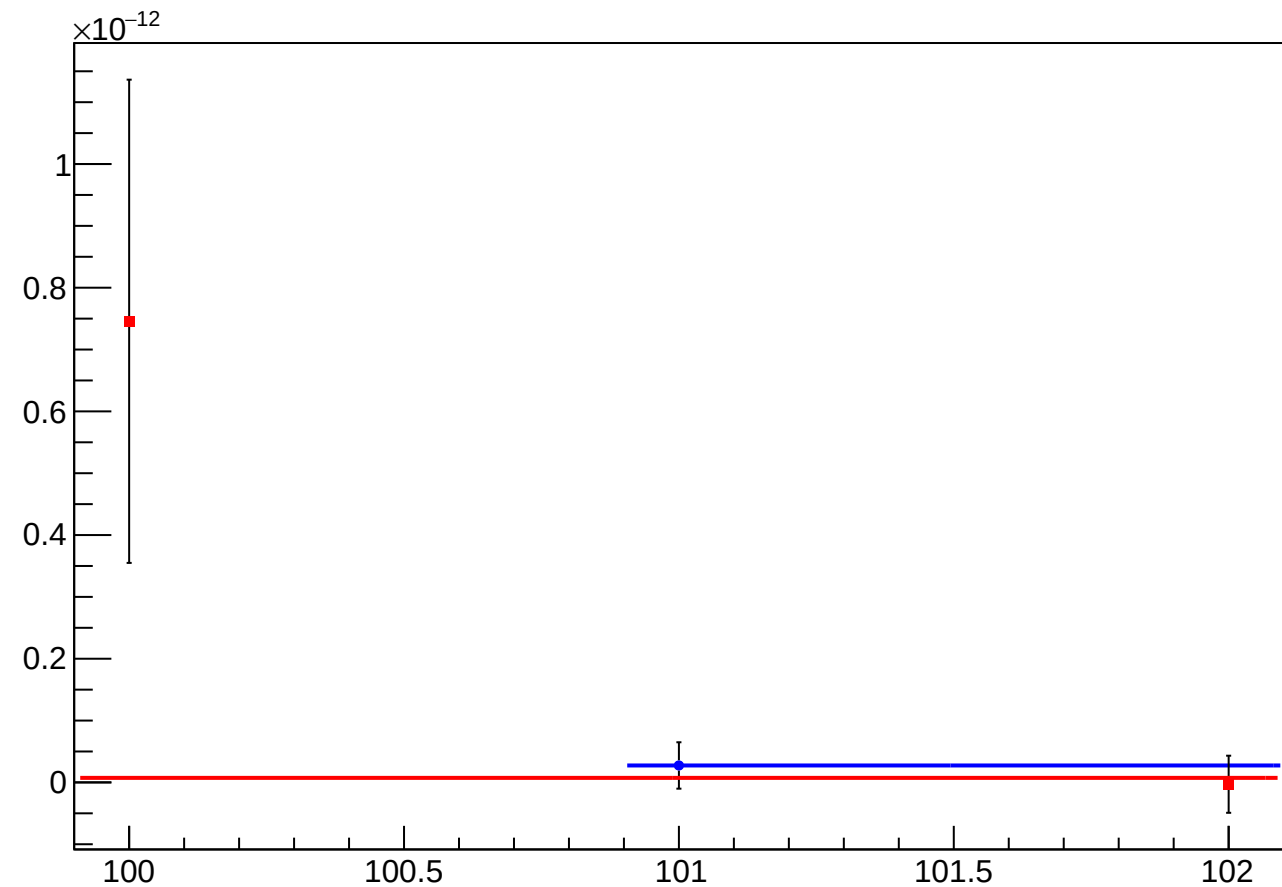
Right: 98.764+/-0.061 χ^2/NDF : 6280.7/2

In: 97.199+/-0.088 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.764+/-0.061 χ^2/NDF : 6280.7/2

asym_usr_eigen_cor_vs_cor_diff_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 : 3.6/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

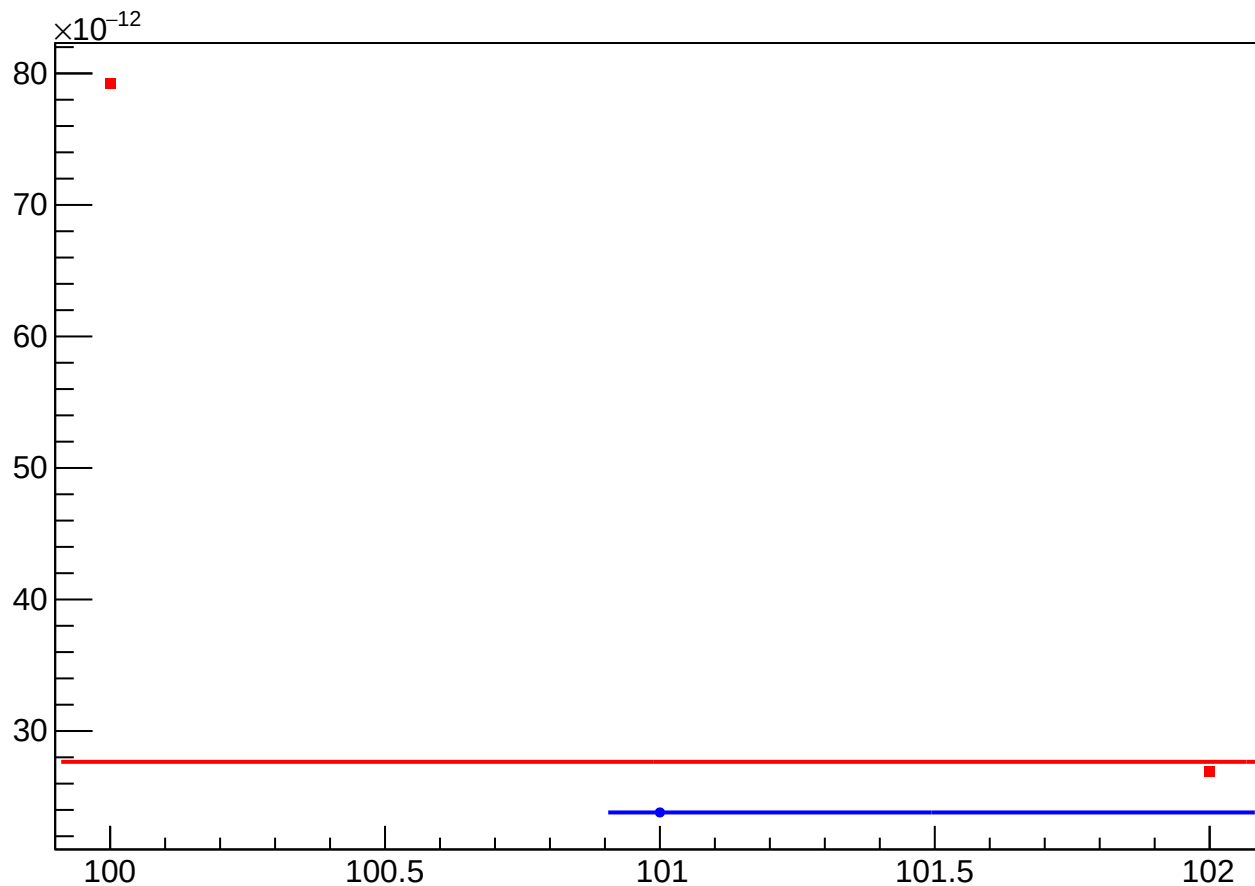
Right: 0.000+/-0.000 χ^2/NDF : 3.7/2

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 : 3.7/2

asym_usr_eigen_cor_vs_cor_diff_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 : 35355.2/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

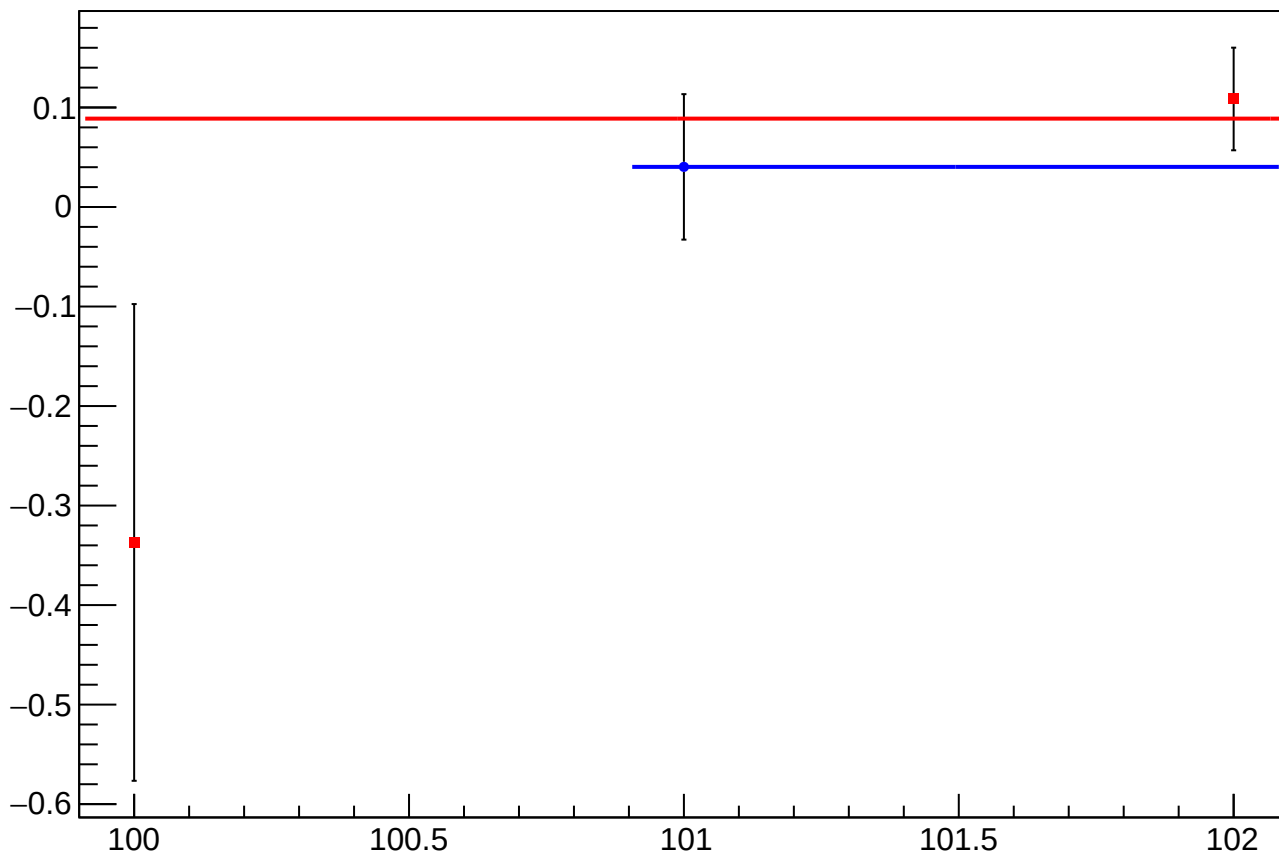
Right: 0.000+/-0.000 χ^2/NDF : 43791.9/2

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 : 43791.9/2

asym_usr_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.040+/-0.073 χ^2/NDF : 0.0/0

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

Right Out: 0.089+/-0.050 χ^2/NDF : 3.3/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

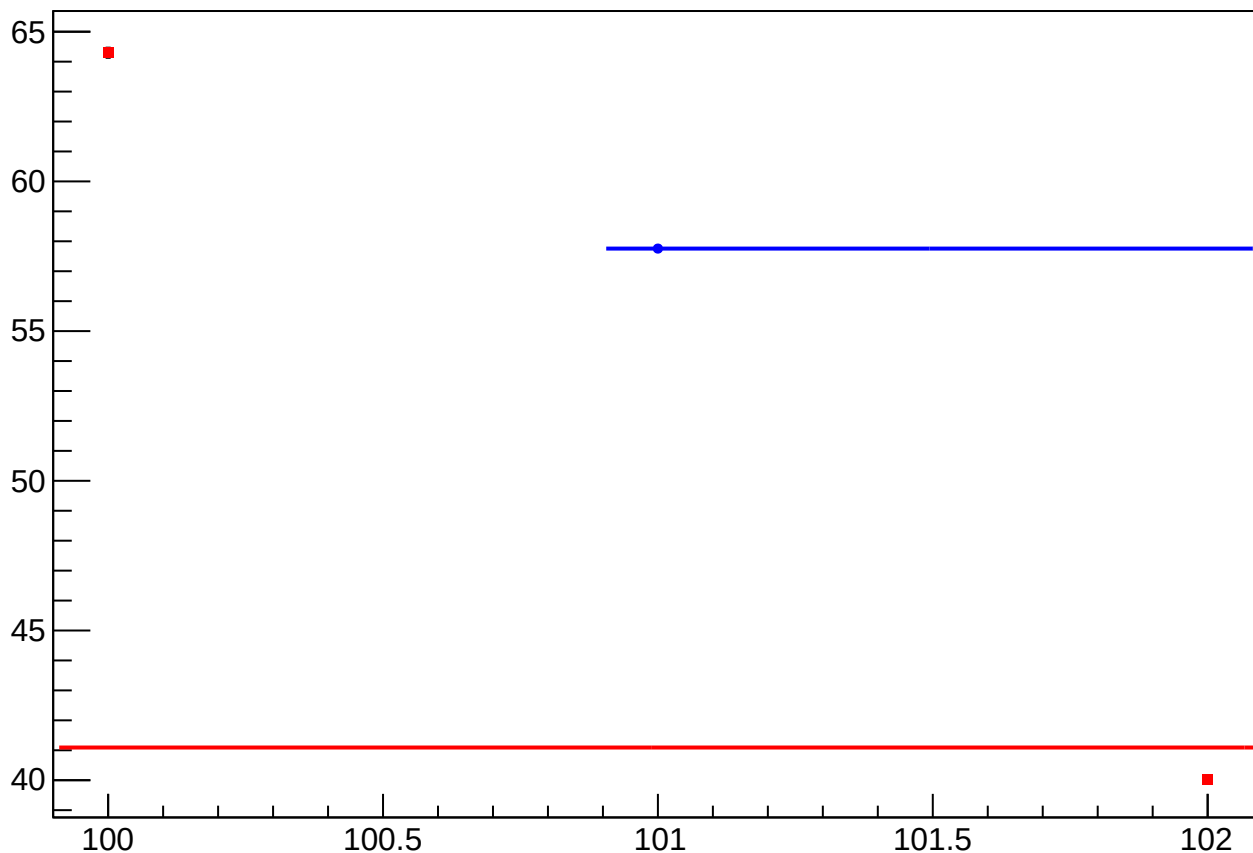
Right: 0.073+/-0.041 χ^2/NDF : 3.6/2

In: 0.040+/-0.073 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.073+/-0.041 χ^2/NDF : 3.6/2

asym_usr_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.756 $\pm$ 0.052 χ^2 /NDF: 0.0/0

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

Right Out: 41.092 $\pm$ 0.036 χ^2 /NDF: 19642.3/1

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

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

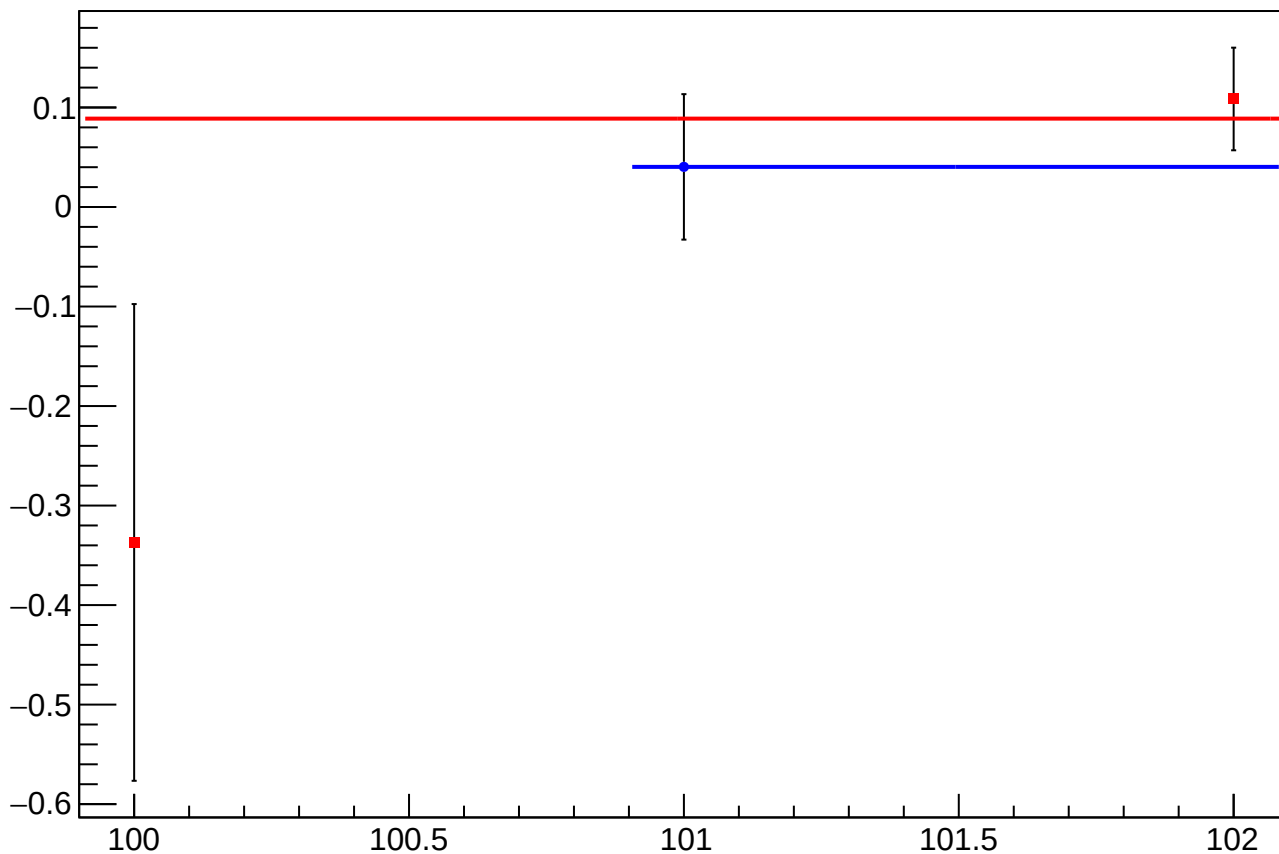
Right: 46.463 $\pm$ 0.029 χ^2 /NDF: 90105.6/2

In: 57.756 $\pm$ 0.052 χ^2 /NDF: 0.0/0

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

All: 46.463 $\pm$ 0.029 χ^2 /NDF: 90105.6/2

asym_usr_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.040 $\pm$ 0.073 χ^2 /NDF: 0.0/0

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

Right Out: 0.089 $\pm$ 0.050 χ^2 /NDF: 3.3/1

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

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

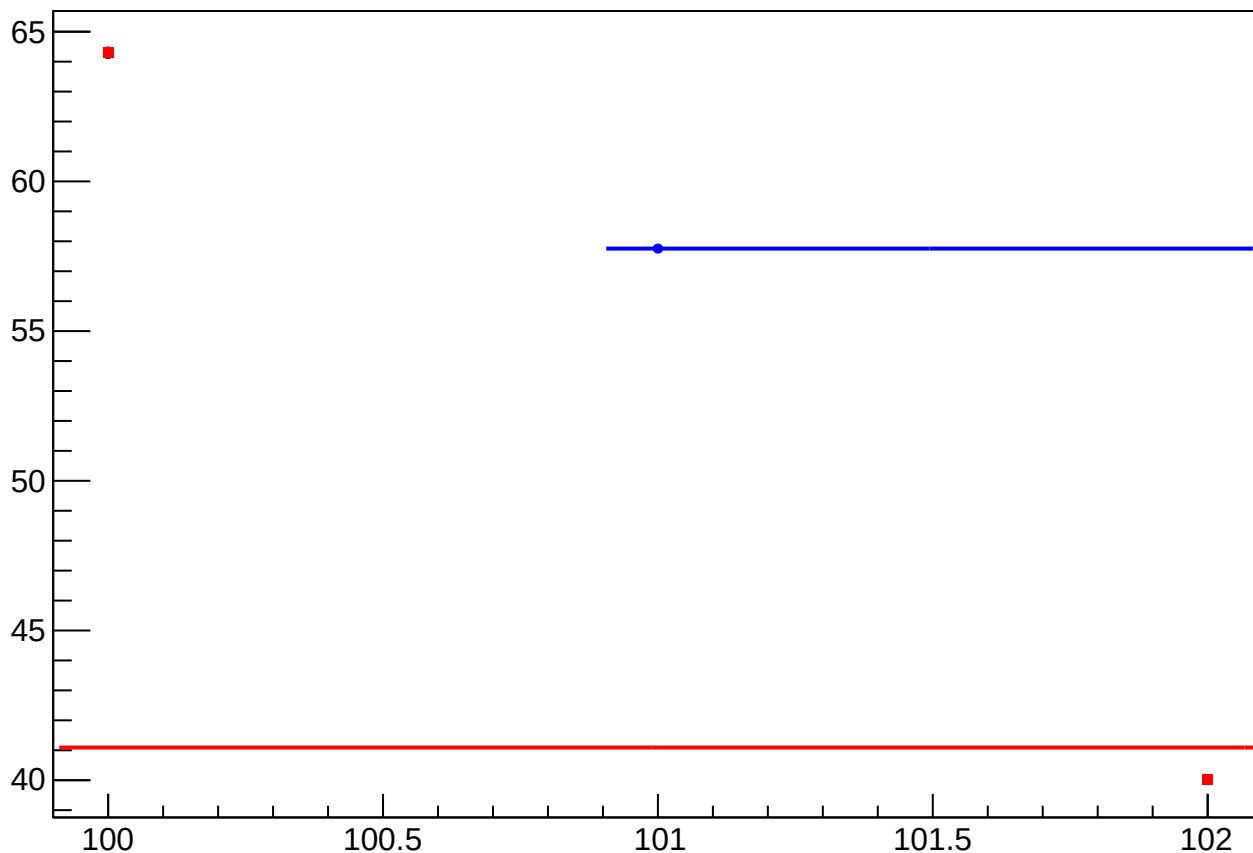
Right: 0.073 $\pm$ 0.041 χ^2 /NDF: 3.6/2

In: 0.040 $\pm$ 0.073 χ^2 /NDF: 0.0/0

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

All: 0.073 $\pm$ 0.041 χ^2 /NDF: 3.6/2

asym_usr_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.756 $\pm$ 0.052 χ^2 /NDF: 0.0/0

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

Right Out: 41.092 $\pm$ 0.036 χ^2 /NDF: 19642.3/1

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

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

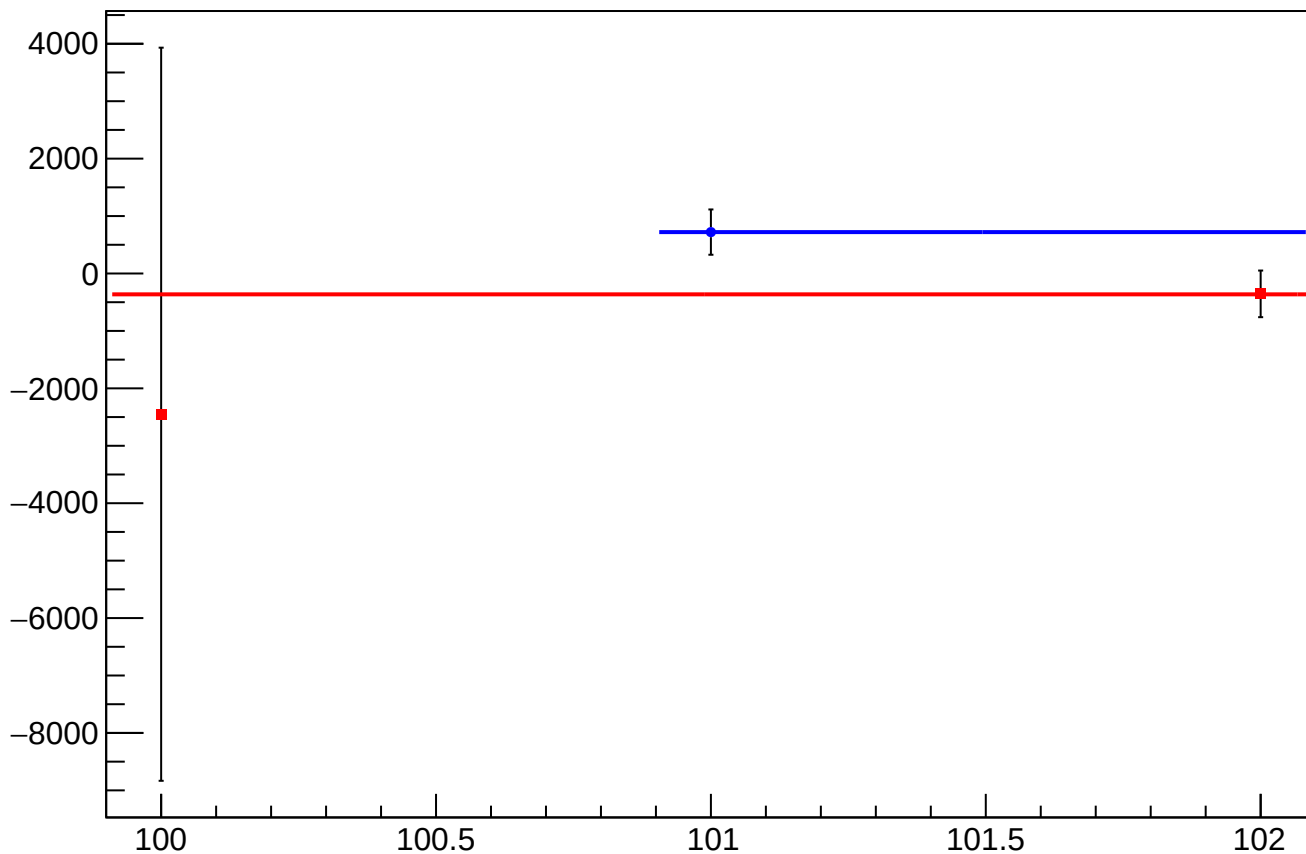
Right: 46.463 $\pm$ 0.029 χ^2 /NDF: 90105.6/2

In: 57.756 $\pm$ 0.052 χ^2 /NDF: 0.0/0

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

All: 46.463 $\pm$ 0.029 χ^2 /NDF: 90105.6/2

asym_dsl_mean vs Slug, Sign Corrected



Right In: 720.699+/-394.327 χ^2 /NDF: 0.0/0

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

Right Out: -363.141+/-405.099 χ^2 /NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

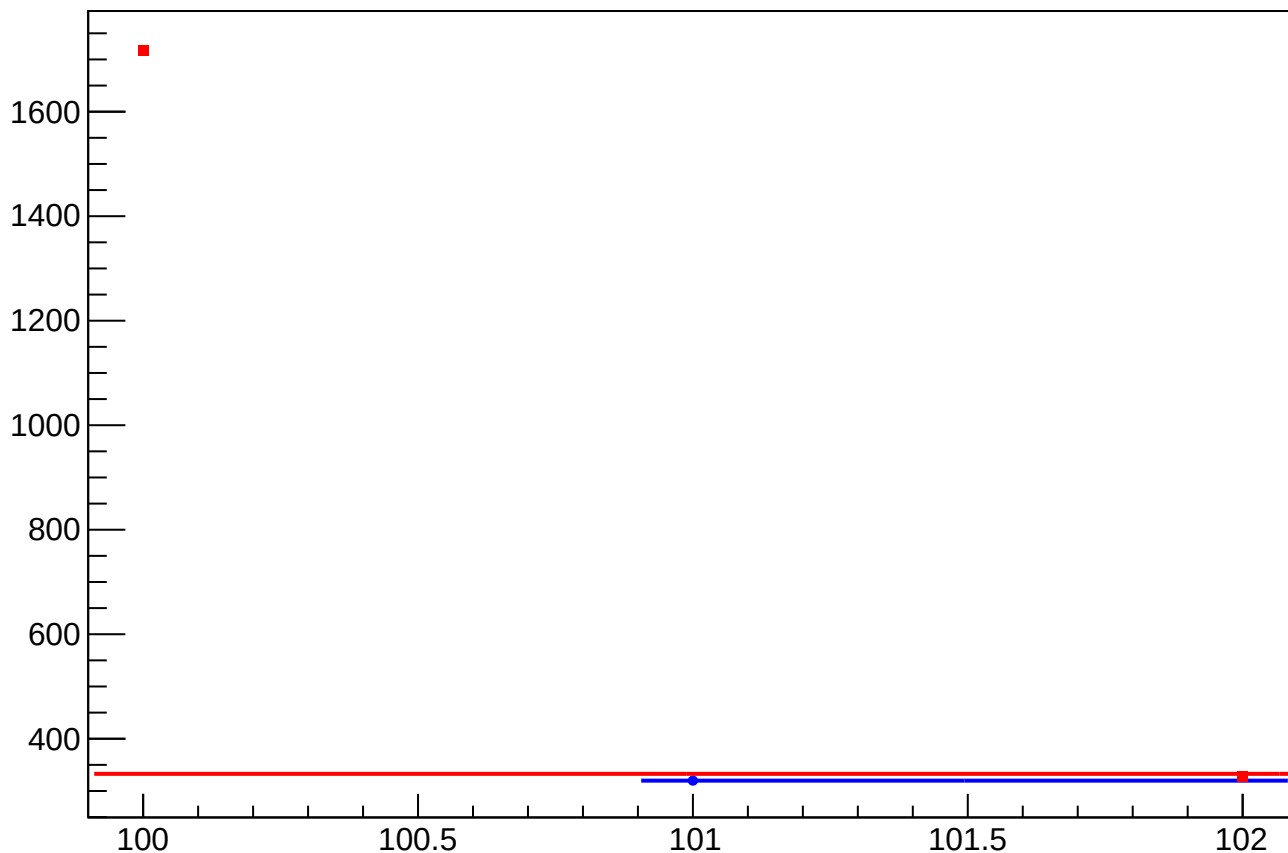
Right: 193.380+/-282.563 χ^2 /NDF: 3.8/2

In: 720.699+/-394.327 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 193.380+/-282.563 χ^2 /NDF: 3.8/2

asym_dsl_rms vs Slug, Sign Corrected



Right In: 319.793 $\pm$ 0.279 χ^2 /NDF: 0.0/0

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

Right Out: 332.835 $\pm$ 0.286 χ^2 /NDF: 94573.1/1

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

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

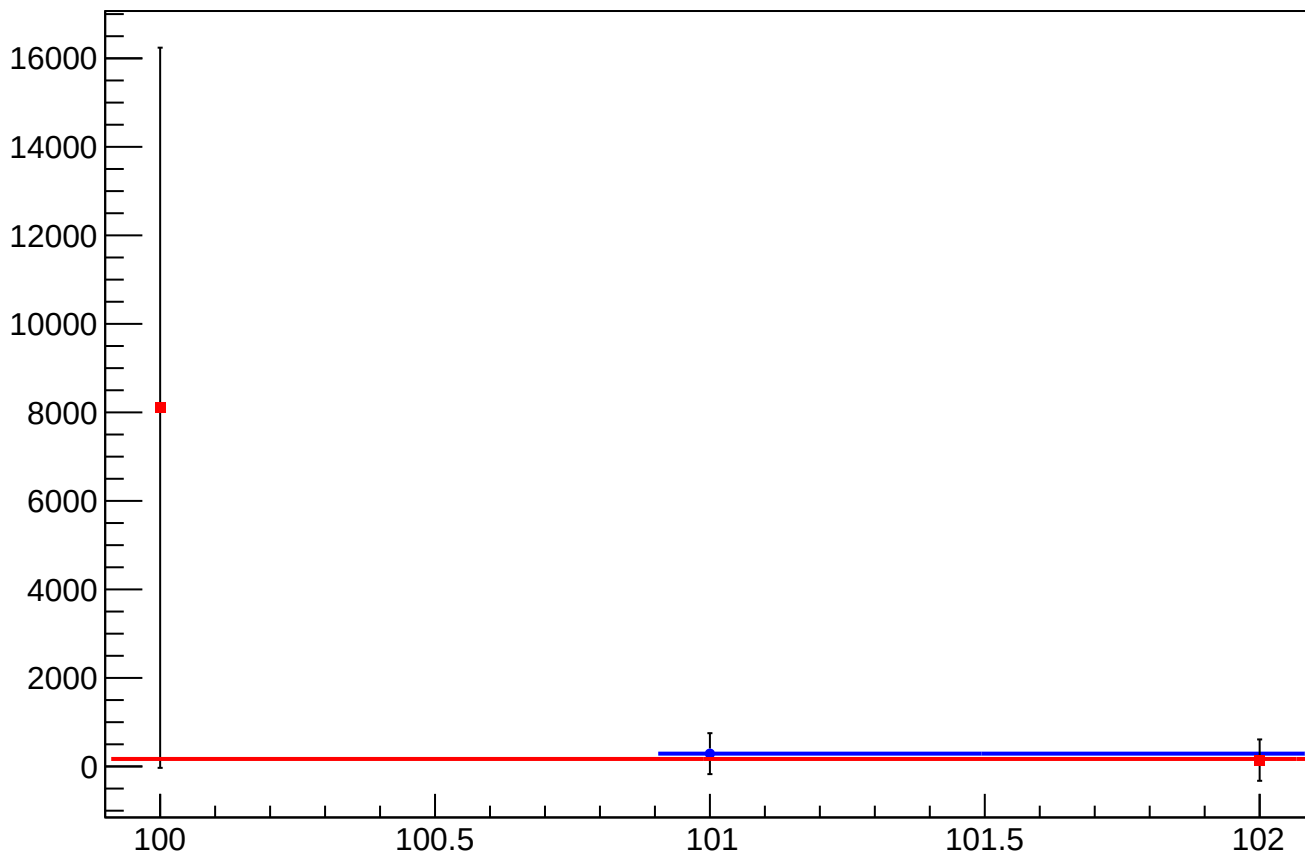
Right: 326.138 $\pm$ 0.200 χ^2 /NDF: 95637.6/2

In: 319.793 $\pm$ 0.279 χ^2 /NDF: 0.0/0

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

All: 326.138 $\pm$ 0.200 χ^2 /NDF: 95637.6/2

asym_dsr_mean vs Slug, Sign Corrected



Right In: 289.171+/-462.751 χ^2/NDF : 0.0/0

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

Right Out: 169.126+/-466.632 χ^2/NDF : 1.0/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

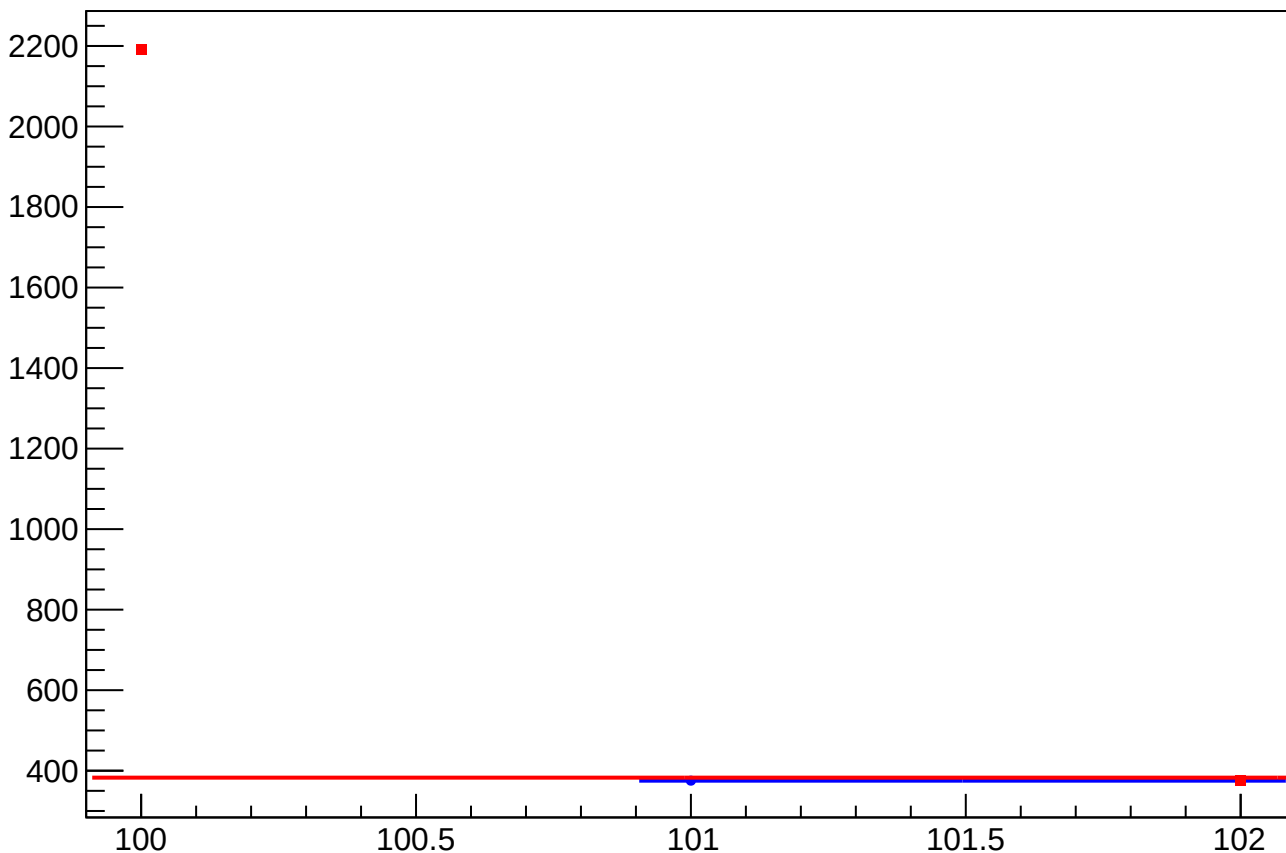
Right: 229.650+/-328.578 χ^2/NDF : 1.0/2

In: 289.171+/-462.751 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 229.650+/-328.578 χ^2/NDF : 1.0/2

asym_dsr_rms vs Slug, Sign Corrected



Right In: 375.263 $\pm$ 0.327 χ^2 /NDF: 0.0/0

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

Right Out: 382.764 $\pm$ 0.330 χ^2 /NDF: 99001.2/1

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

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

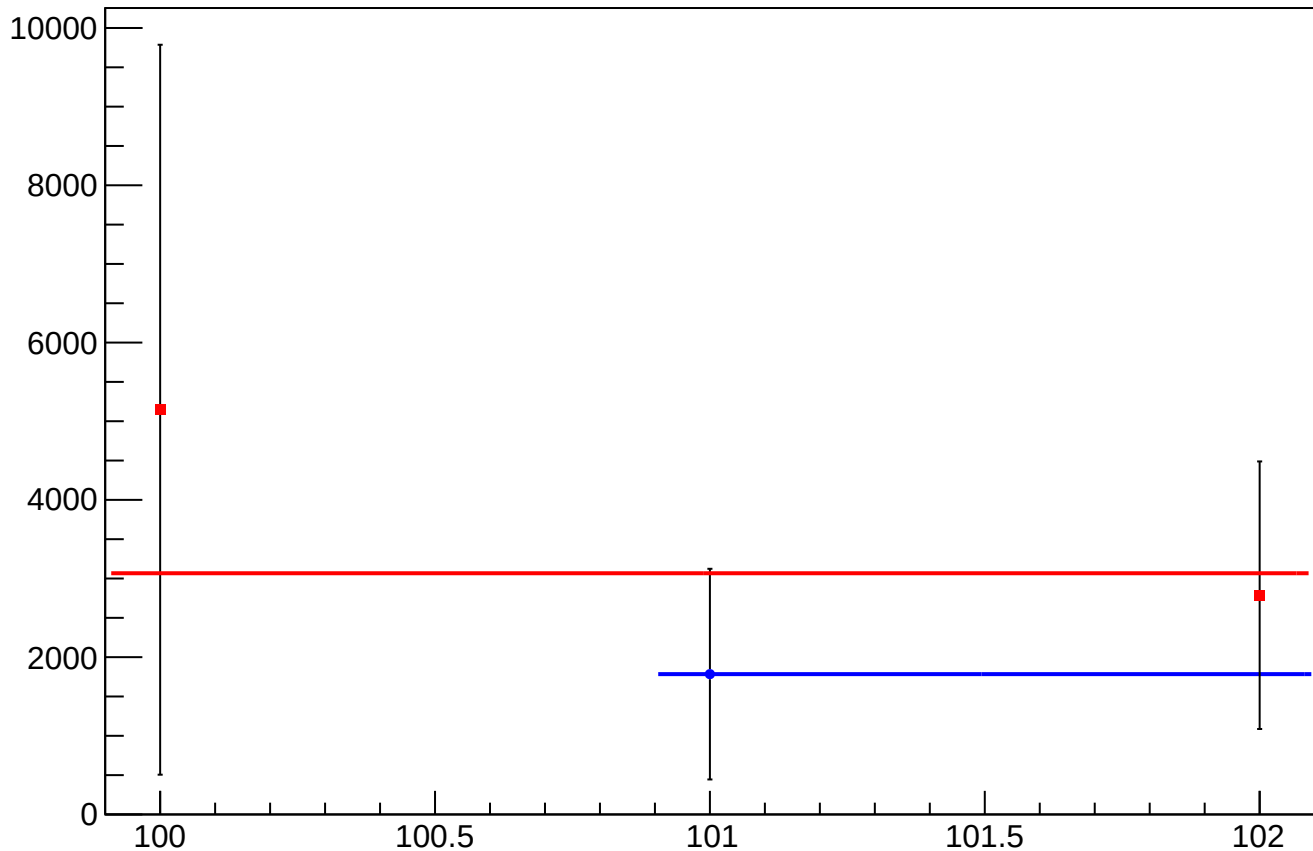
Right: 378.982 $\pm$ 0.232 χ^2 /NDF: 99261.8/2

In: 375.263 $\pm$ 0.327 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 378.982 $\pm$ 0.232 χ^2 /NDF: 99261.8/2

asym_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 1784.276+/-1339.280 χ^2/NDF : 0.0/0

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

Right Out: 3066.987+/-1597.077 χ^2/NDF : 0.2/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

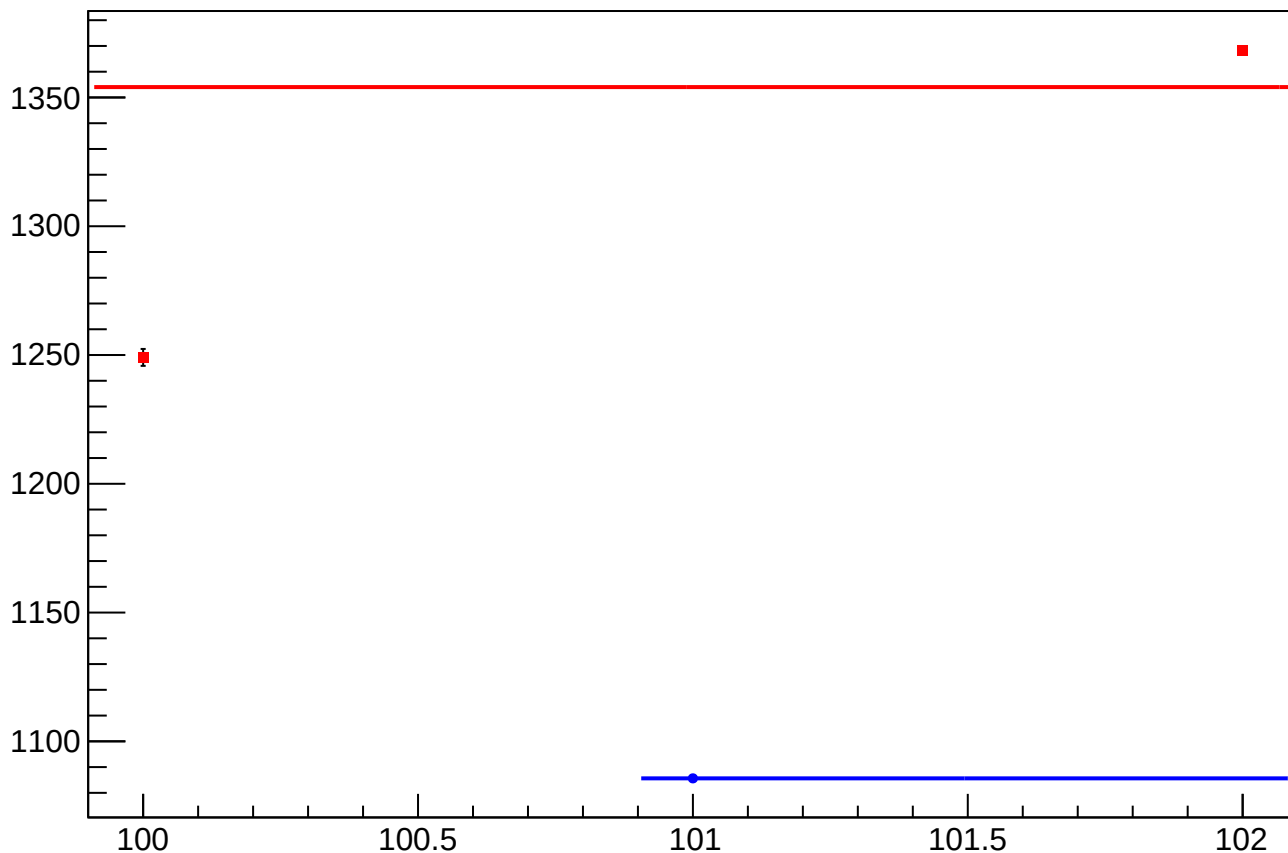
Right: 2313.878+/-1026.210 χ^2/NDF : 0.6/2

In: 1784.276+/-1339.280 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2313.878+/-1026.210 χ^2/NDF : 0.6/2

asym_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 1085.624+/-0.947 χ^2/NDF : 0.0/0

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

Right Out: 1354.030+/-1.129 χ^2/NDF : 1160.5/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 1196.443+/-0.726 χ^2/NDF : 34326.4/2

In: 1085.624+/-0.947 χ^2/NDF : 0.0/0

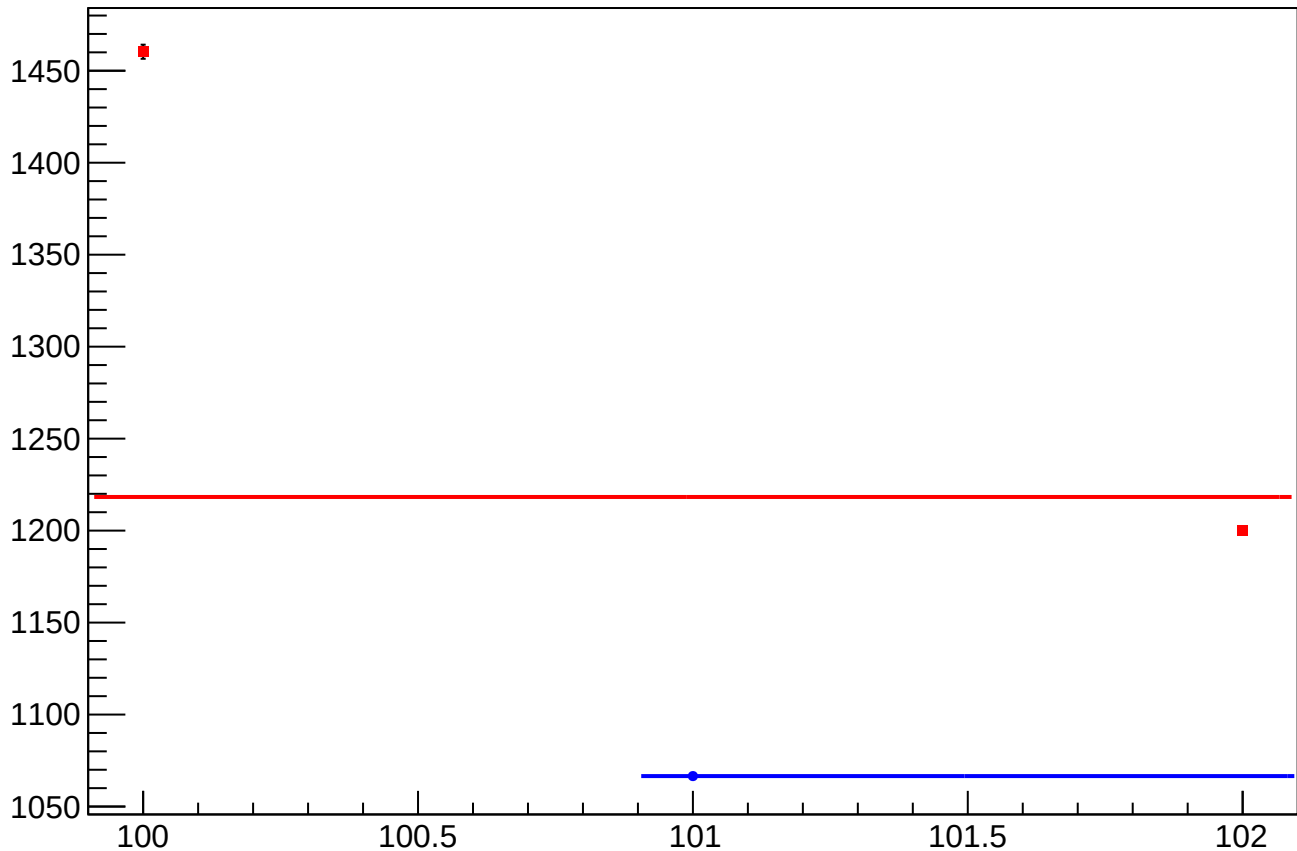
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1196.443+/-0.726 χ^2/NDF : 34326.4/2

The plot displays the ratio σ/σ_B on the y-axis against $\sqrt{s}$ (GeV) on the x-axis. The x-axis ranges from 100 to 102 GeV with major ticks every 0.5 GeV. The y-axis has major ticks every 0.1 units, ranging from 0.8 to 1.3. Three data points are shown with vertical error bars: a red square at 100.0 GeV ($\sigma/\sigma_B \approx 0.95$), a blue circle at 101.0 GeV ($\sigma/\sigma_B \approx 1.15$), and a red square at 102.0 GeV ($\sigma/\sigma_B \approx 1.10$). Two horizontal lines represent fits to the data: a red line at $\sigma/\sigma_B \approx 1.05$ and a blue line at $\sigma/\sigma_B \approx 1.15$.

All: 1538.050+/-970.028 χ^2/NDF : 1.0/2

asym_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 1066.556 $\pm$ 0.930 χ^2 /NDF: 0.0/0

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

Right Out: 1218.290 $\pm$ 1.015 χ^2 /NDF: 4280.2/1

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

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

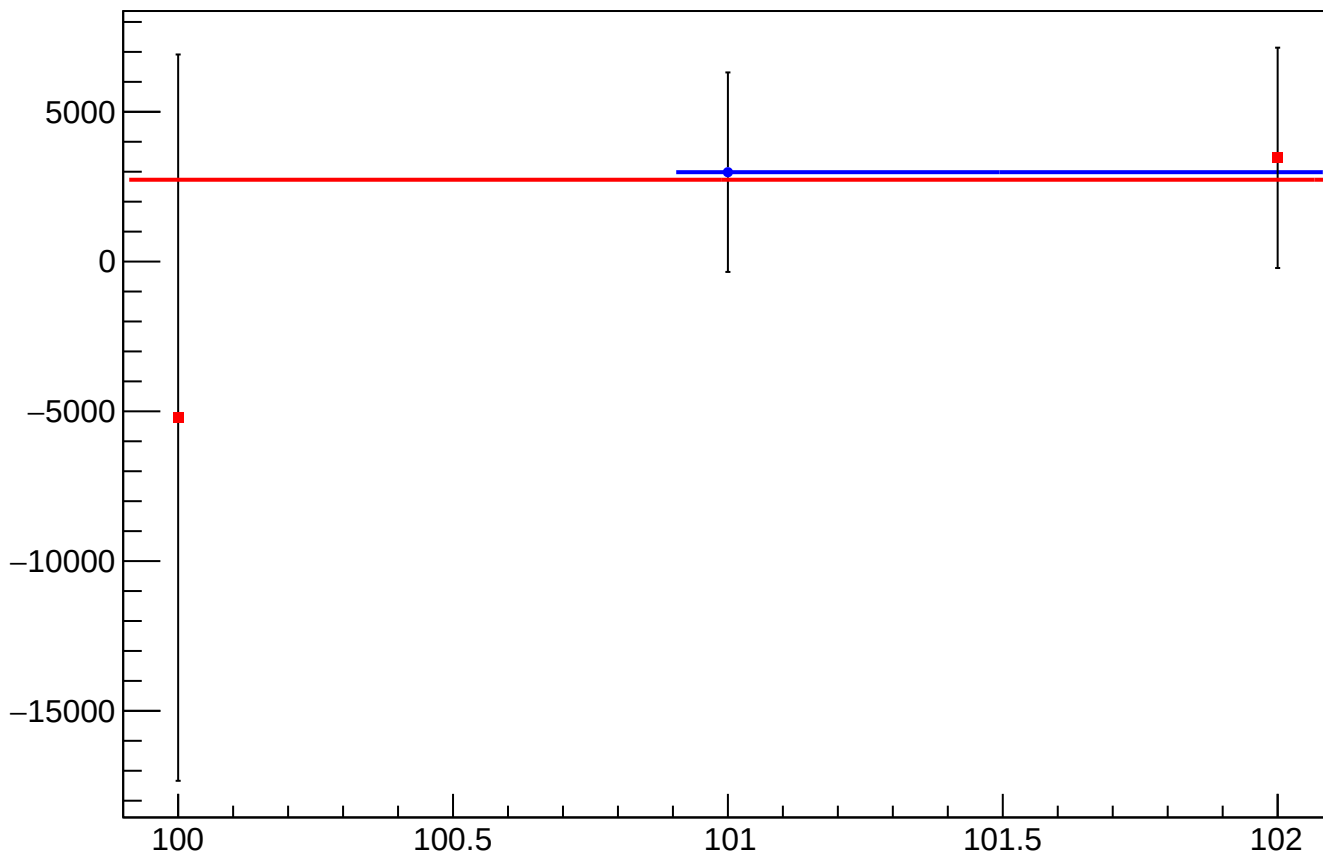
Right: 1135.804 $\pm$ 0.686 χ^2 /NDF: 16421.1/2

In: 1066.556 $\pm$ 0.930 χ^2 /NDF: 0.0/0

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

All: 1135.804 $\pm$ 0.686 χ^2 /NDF: 16421.1/2

reg_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2984.376+/-3330.306 χ^2 /NDF: 0.0/0

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

Right Out: 2731.936+/-3519.916 χ^2 /NDF: 0.5/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

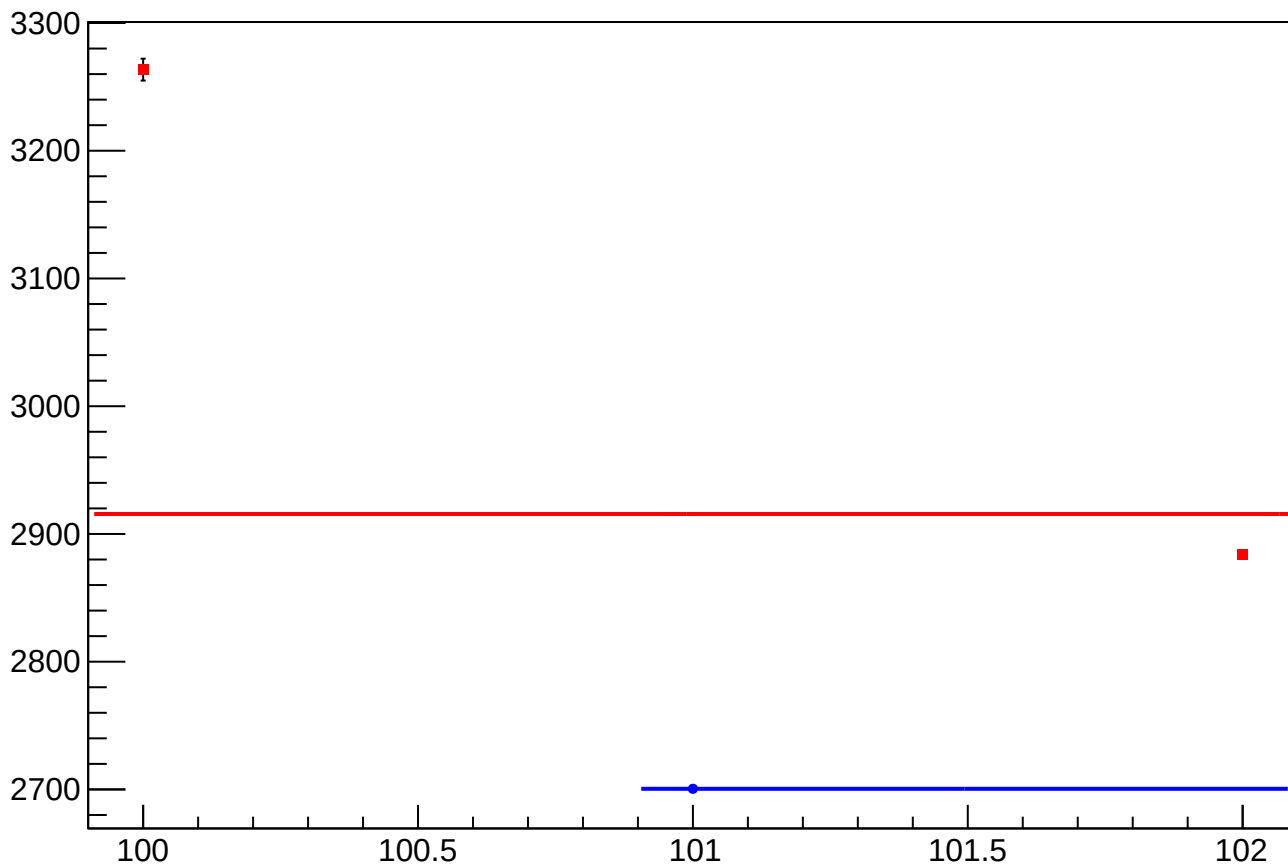
Right: 2865.138+/-2419.137 χ^2 /NDF: 0.5/2

In: 2984.376+/-3330.306 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2865.138+/-2419.137 χ^2 /NDF: 0.5/2

reg_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2700.504+/-2.355 χ^2/NDF : 0.0/0

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

Right Out: 2915.625+/-2.489 χ^2/NDF : 1798.0/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

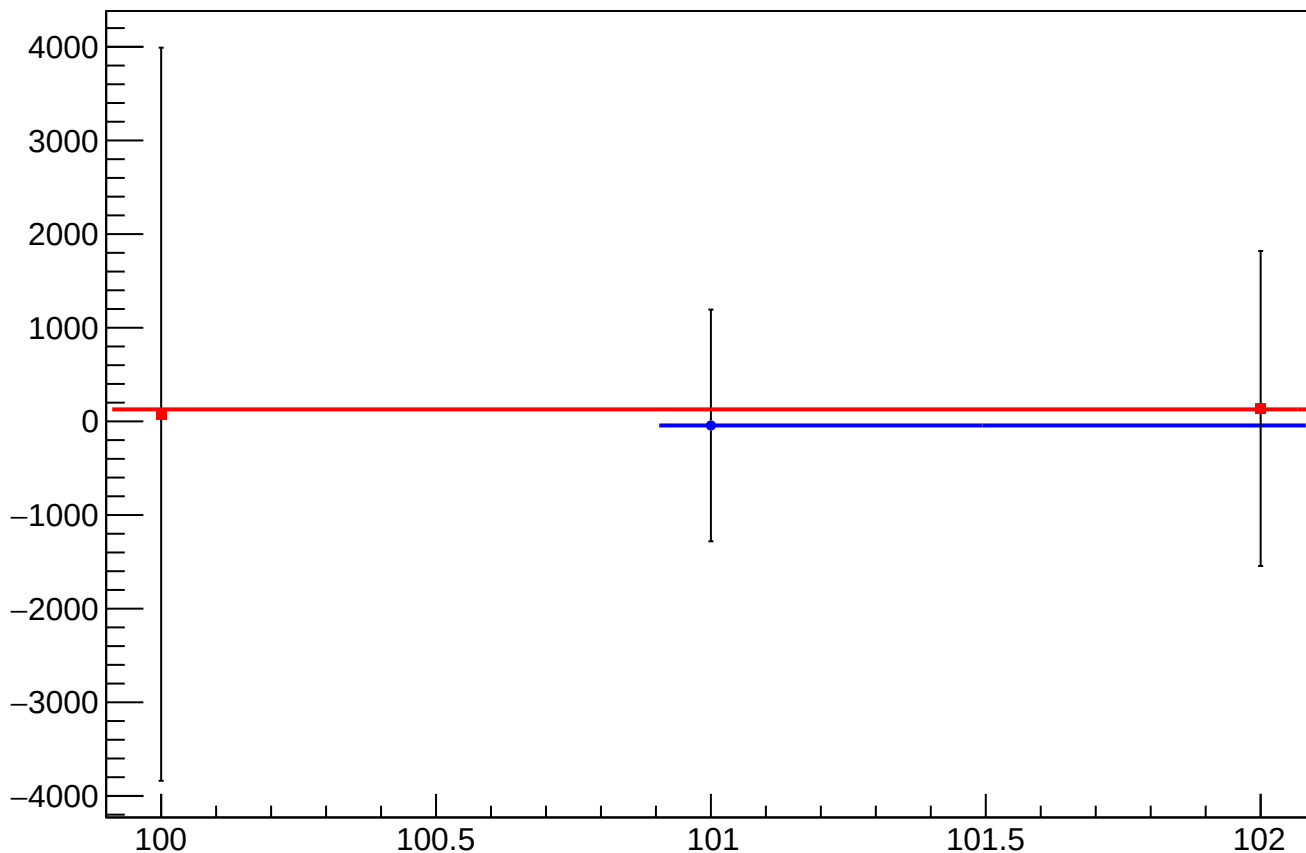
Right: 2802.115+/-1.711 χ^2/NDF : 5739.7/2

In: 2700.504+/-2.355 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2802.115+/-1.711 χ^2/NDF : 5739.7/2

asym_atl1_reg_correction_mean vs Slug, Sign Corrected



Right In: -43.466+/-1237.455 χ^2/NDF : 0.0/0

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

Right Out: 128.267+/-1545.613 χ^2/NDF : 0.0/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

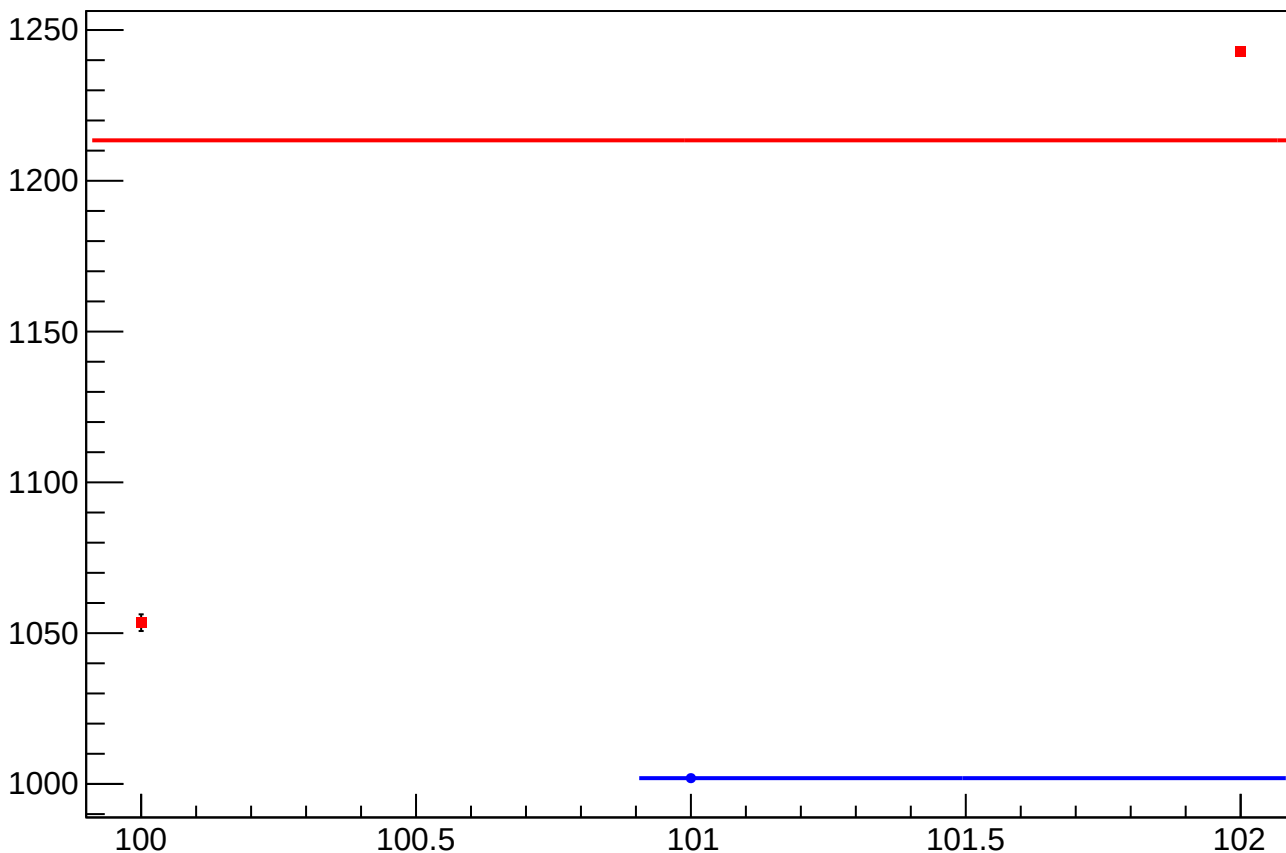
Right: 23.615+/-965.996 χ^2/NDF : 0.0/2

In: -43.466+/-1237.455 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.615+/-965.996 χ^2/NDF : 0.0/2

asym_atl1_reg_correction_rms vs Slug, Sign Corrected



Right In: 1001.915+/-0.875 χ^2/NDF : 0.0/0

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

Right Out: 1213.414+/-1.093 χ^2/NDF : 3955.4/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

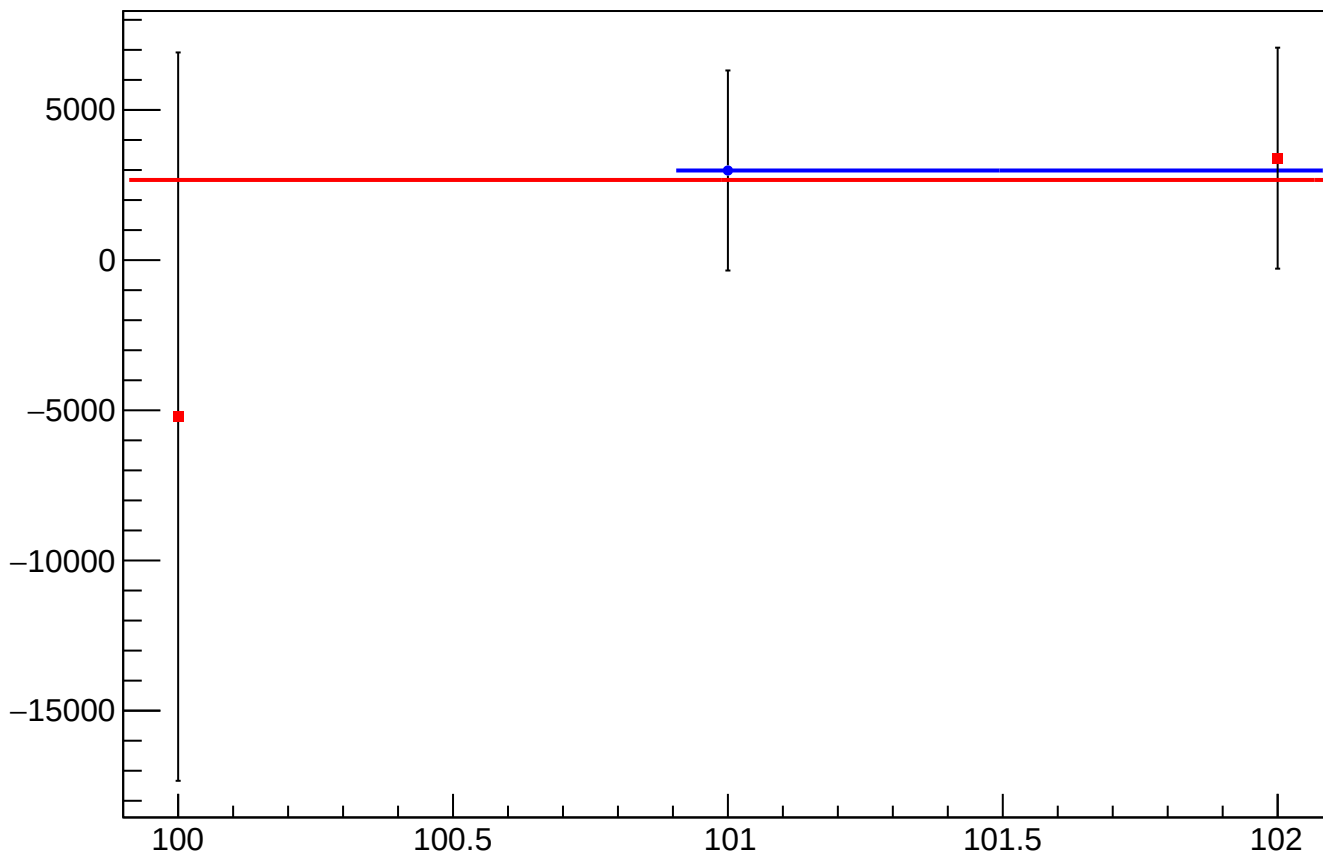
Right: 1084.529+/-0.683 χ^2/NDF : 26776.6/2

In: 1001.915+/-0.875 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1084.529+/-0.683 χ^2/NDF : 26776.6/2

cor_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2984.214+/-3330.306 χ^2/NDF : 0.0/0

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

Right Out: 2669.183+/-3520.290 χ^2/NDF : 0.5/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

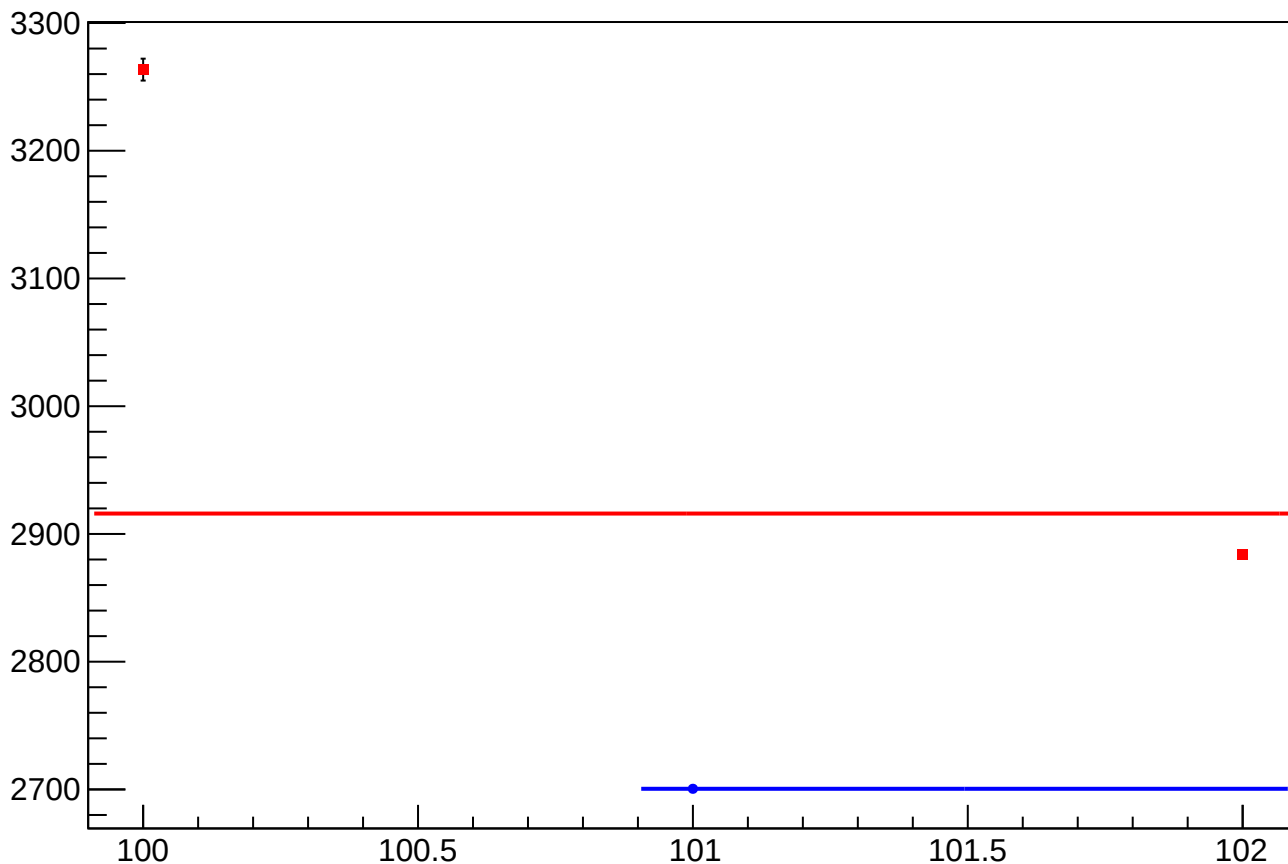
Right: 2835.429+/-2419.259 χ^2/NDF : 0.5/2

In: 2984.214+/-3330.306 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2835.429+/-2419.259 χ^2/NDF : 0.5/2

cor_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2700.504+/-2.355 χ^2/NDF : 0.0/0

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

Right Out: 2915.974+/-2.489 χ^2/NDF : 1794.5/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

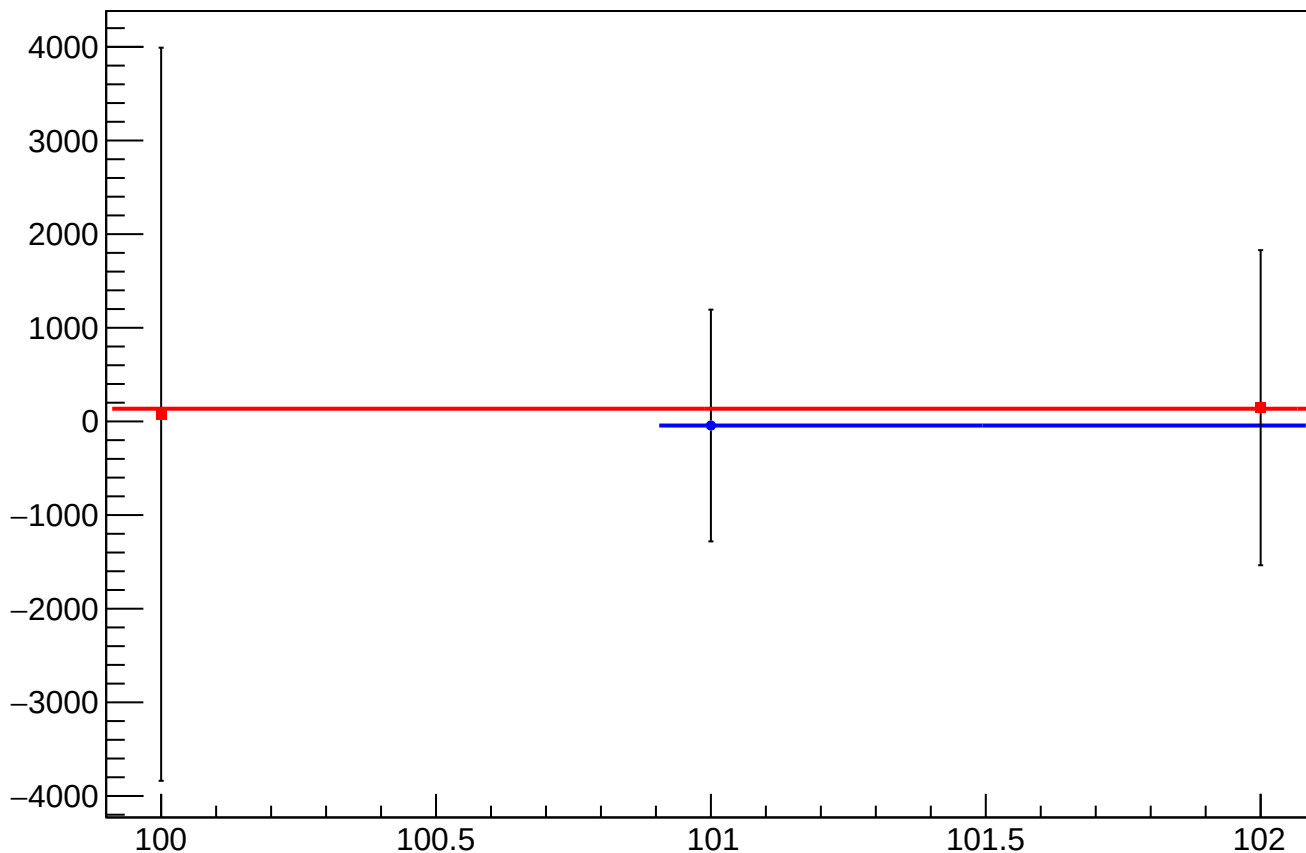
Right: 2802.268+/-1.711 χ^2/NDF : 5748.5/2

In: 2700.504+/-2.355 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2802.268+/-1.711 χ^2/NDF : 5748.5/2

asym_atl1_cor_correction_mean vs Slug, Sign Corrected



Right In: -43.734+/-1237.444 χ^2/NDF : 0.0/0

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

Right Out: 135.637+/-1545.653 χ^2/NDF : 0.0/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

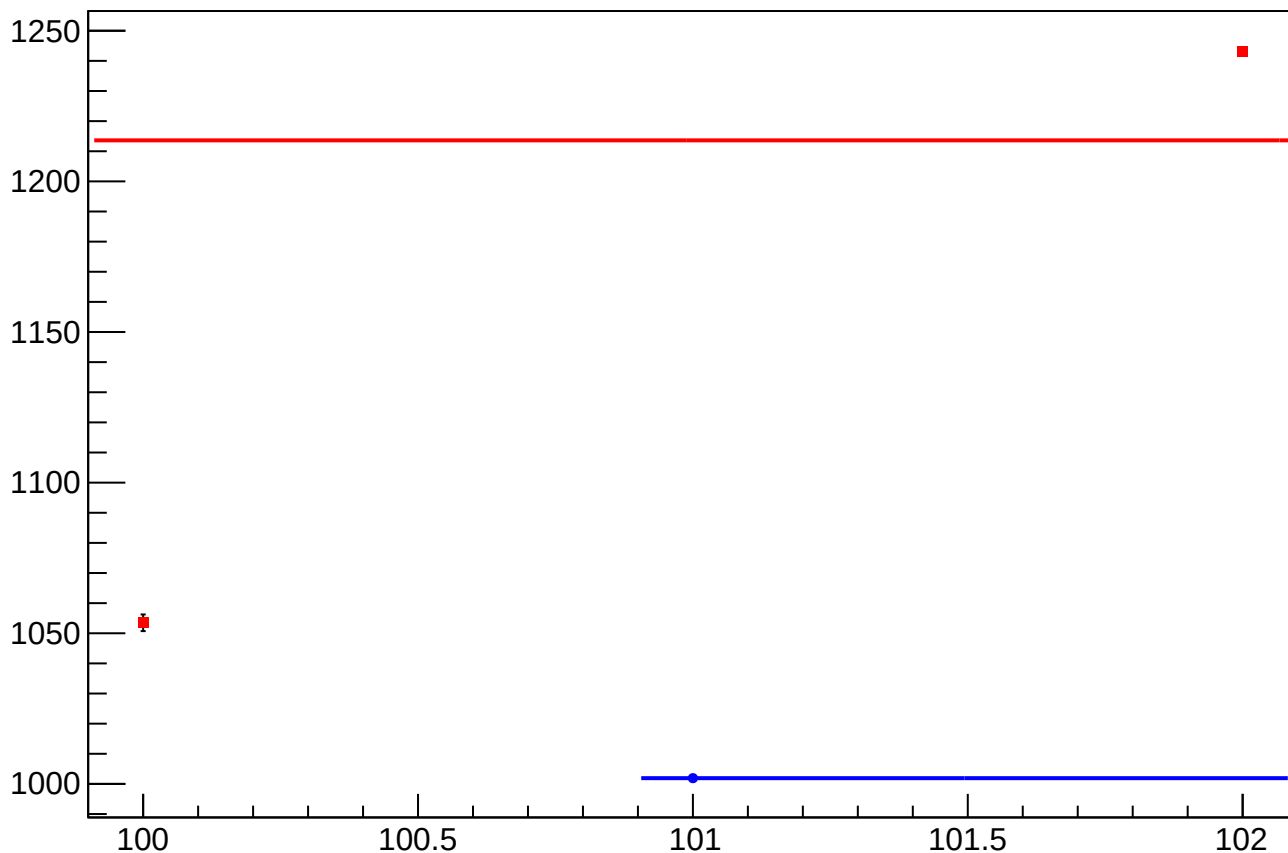
Right: 26.328+/-966.000 χ^2/NDF : 0.0/2

In: -43.734+/-1237.444 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.328+/-966.000 χ^2/NDF : 0.0/2

asym_atl1_cor_correction_rms vs Slug, Sign Corrected



Right In: 1001.906 $\pm$ 0.875 χ^2 /NDF: 0.0/0

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

Right Out: 1213.618 $\pm$ 1.093 χ^2 /NDF: 3964.8/1

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

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

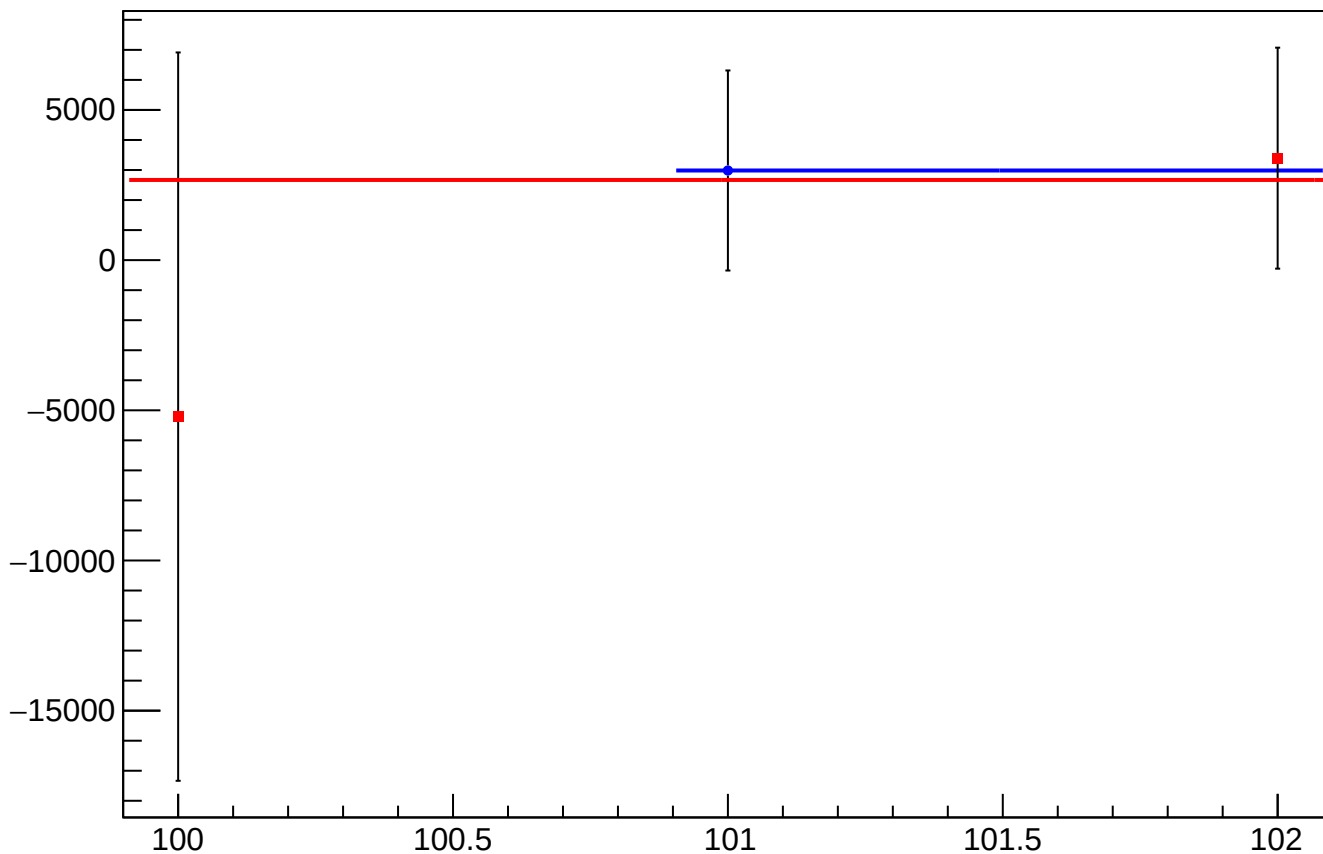
Right: 1084.600 $\pm$ 0.683 χ^2 /NDF: 26831.5/2

In: 1001.906 $\pm$ 0.875 χ^2 /NDF: 0.0/0

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

All: 1084.600 $\pm$ 0.683 χ^2 /NDF: 26831.5/2

eigen_cor_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2984.214+/-3330.306 χ^2/NDF : 0.0/0

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

Right Out: 2669.183+/-3520.290 χ^2/NDF : 0.5/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

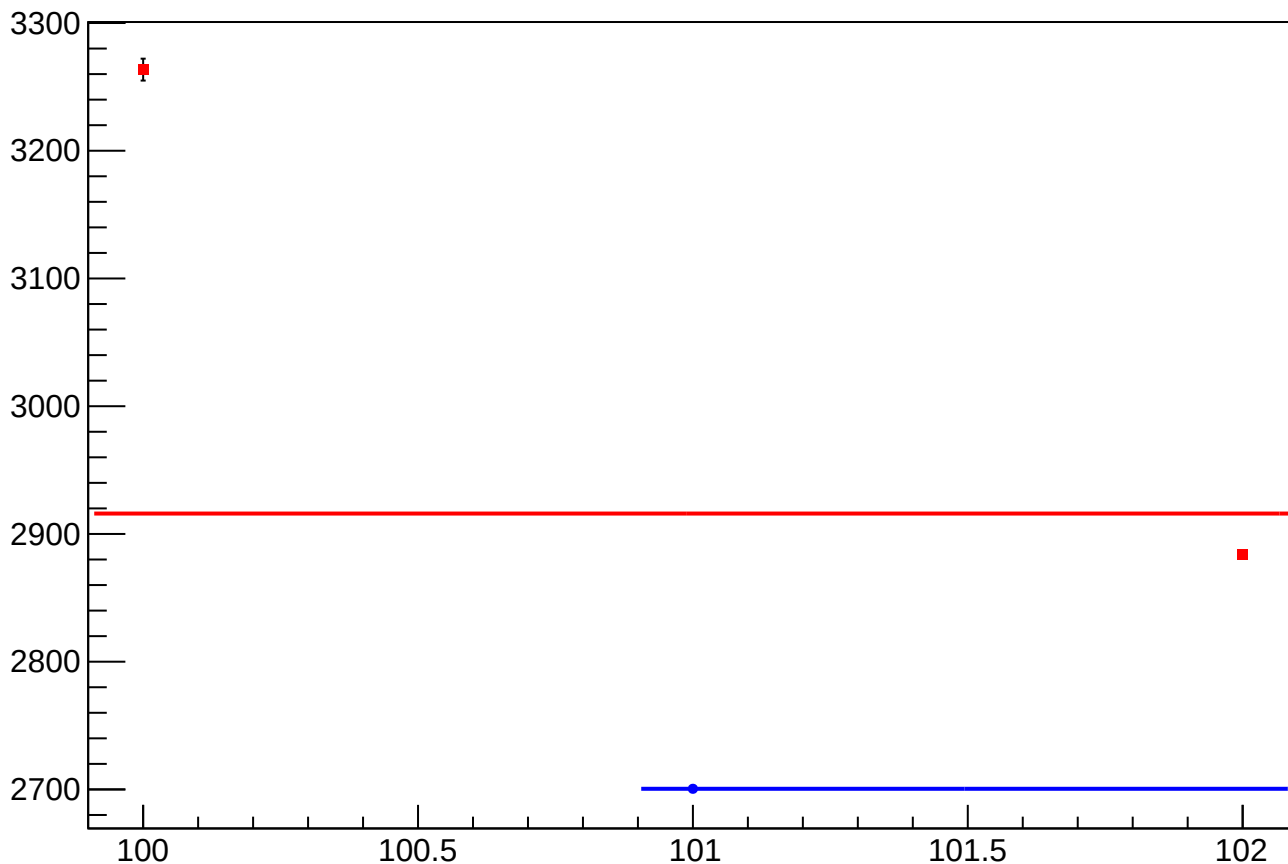
Right: 2835.429+/-2419.259 χ^2/NDF : 0.5/2

In: 2984.214+/-3330.306 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2835.429+/-2419.259 χ^2/NDF : 0.5/2

eigen_cor_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2700.504 $\pm$ 2.355 χ^2 /NDF: 0.0/0

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

Right Out: 2915.974 $\pm$ 2.489 χ^2 /NDF: 1794.5/1

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

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

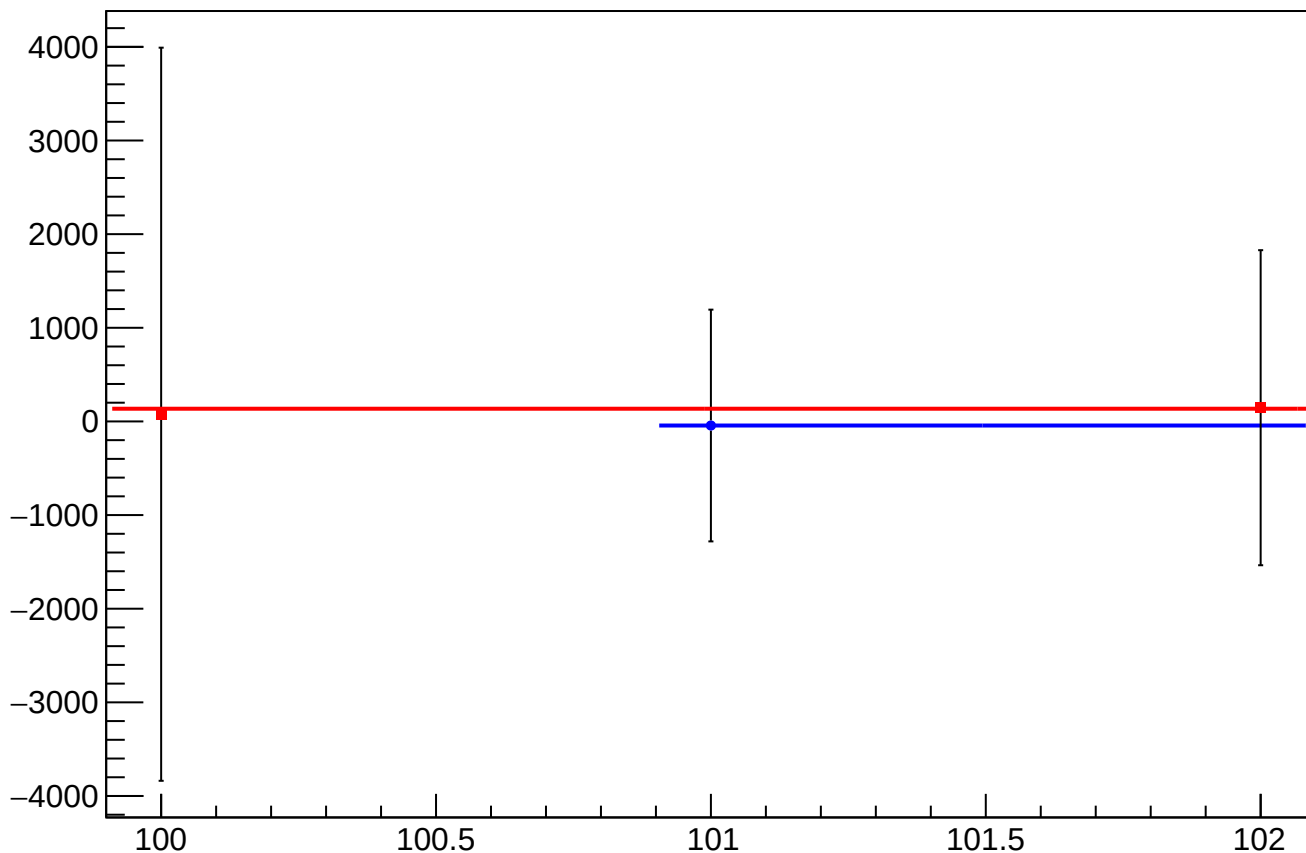
Right: 2802.268 $\pm$ 1.711 χ^2 /NDF: 5748.5/2

In: 2700.504 $\pm$ 2.355 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2802.268 $\pm$ 1.711 χ^2 /NDF: 5748.5/2

asym_atl1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -43.734+/-1237.444 χ^2/NDF : 0.0/0

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

Right Out: 135.637+/-1545.653 χ^2/NDF : 0.0/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

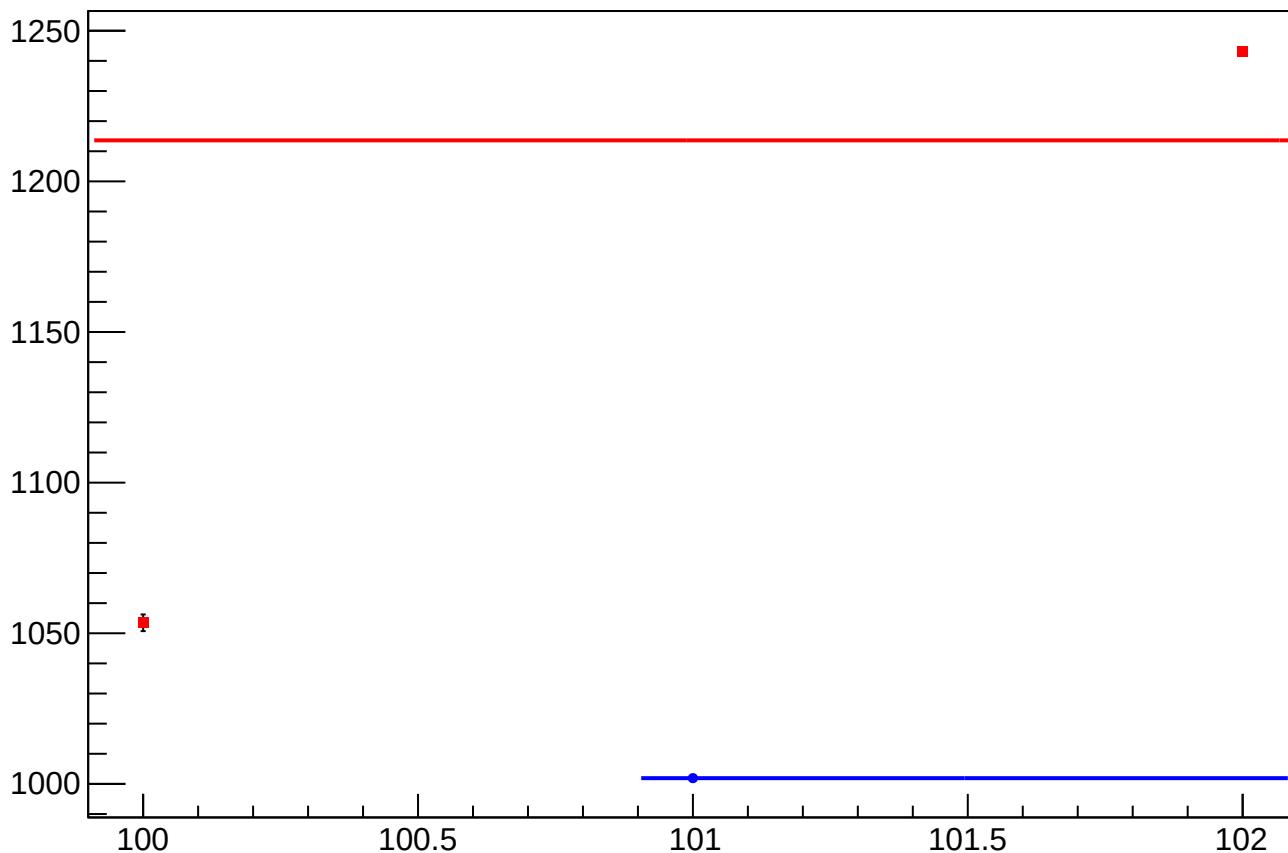
Right: 26.328+/-966.000 χ^2/NDF : 0.0/2

In: -43.734+/-1237.444 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.328+/-966.000 χ^2/NDF : 0.0/2

asym_atl1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1001.906 $\pm$ 0.875 χ^2 /NDF: 0.0/0

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

Right Out: 1213.618 $\pm$ 1.093 χ^2 /NDF: 3964.8/1

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

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

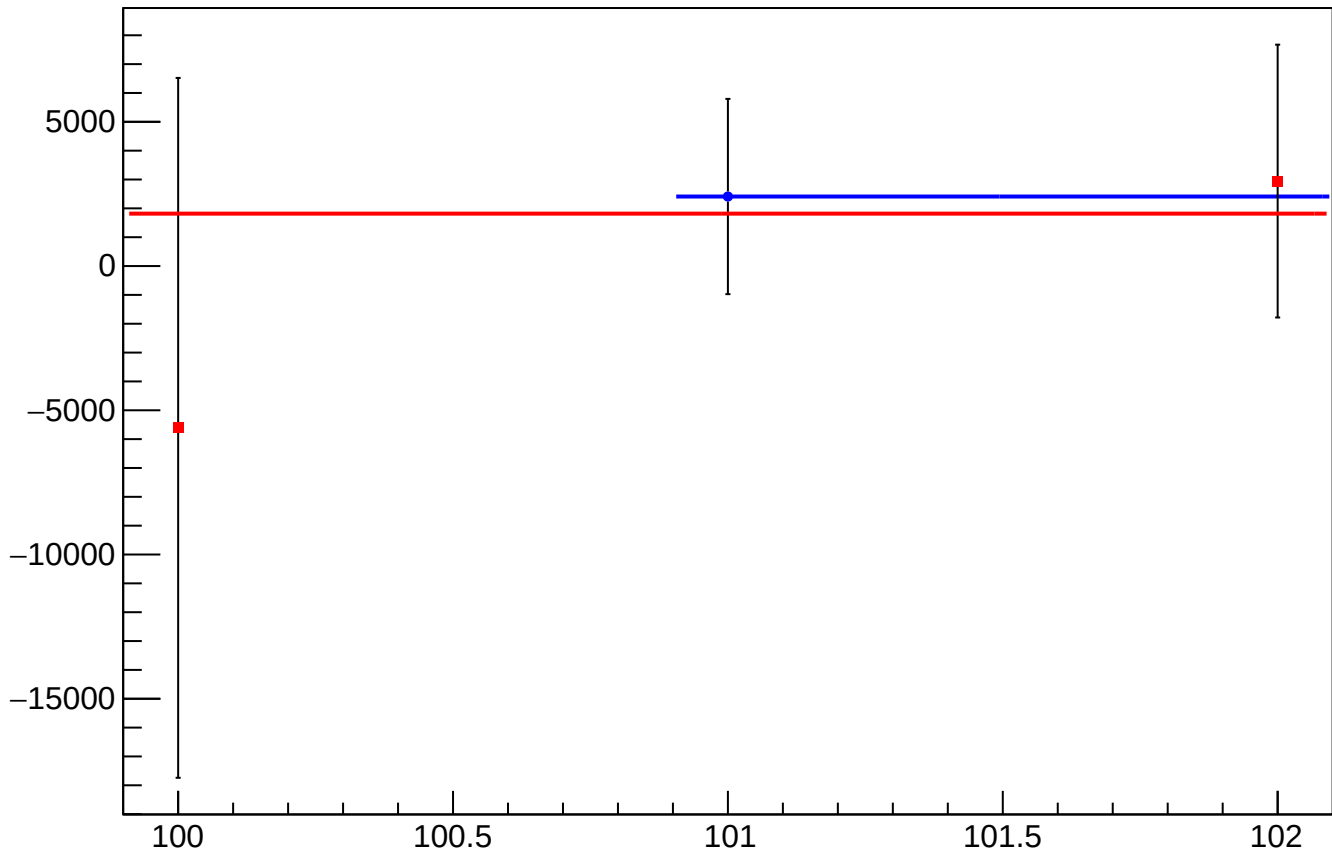
Right: 1084.600 $\pm$ 0.683 χ^2 /NDF: 26831.5/2

In: 1001.906 $\pm$ 0.875 χ^2 /NDF: 0.0/0

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

All: 1084.600 $\pm$ 0.683 χ^2 /NDF: 26831.5/2

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2410.334+/-3384.181 χ^2/NDF : 0.0/0

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

Right Out: 1817.025+/-4405.891 χ^2/NDF : 0.4/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

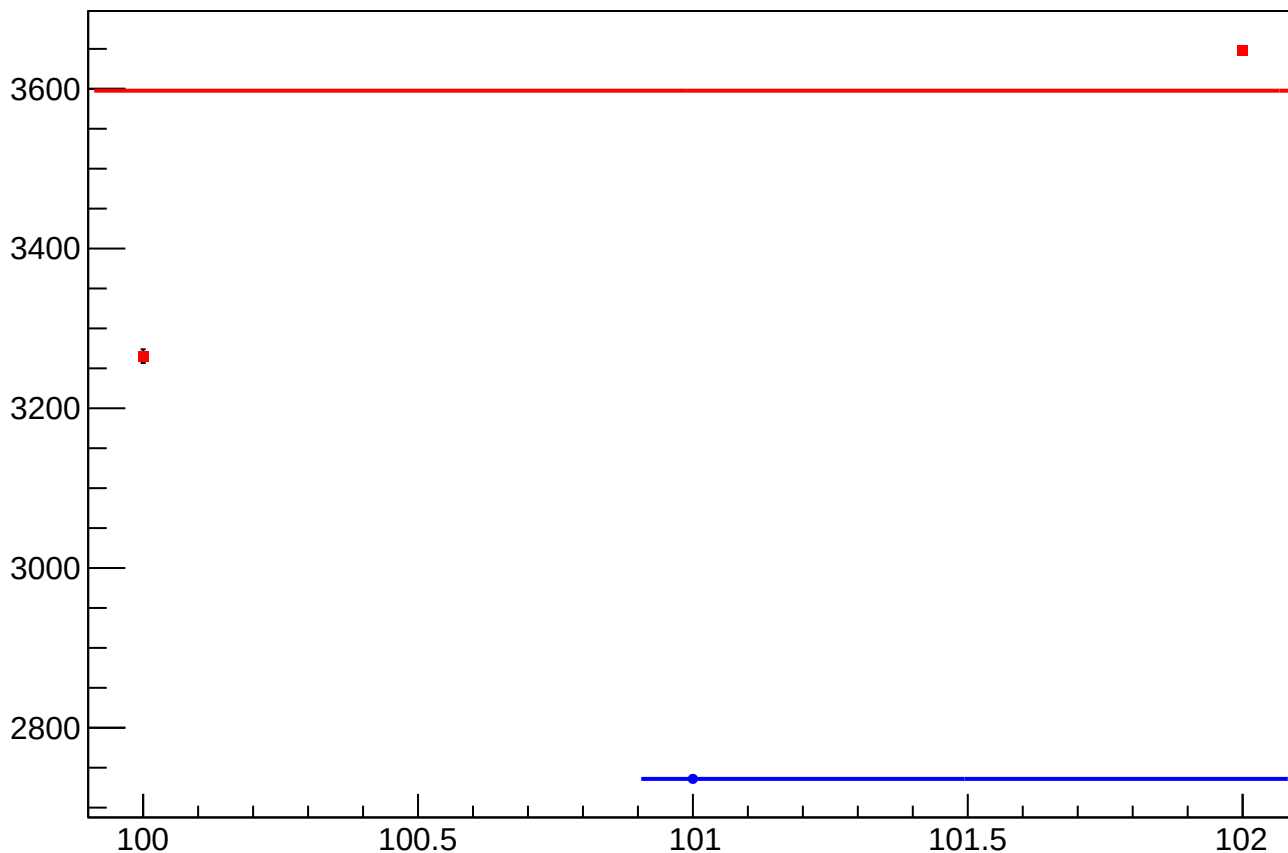
Right: 2190.179+/-2683.844 χ^2/NDF : 0.4/2

In: 2410.334+/-3384.181 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2190.179+/-2683.844 χ^2/NDF : 0.4/2

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2735.973+/-2.393 χ^2/NDF : 0.0/0

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

Right Out: 3597.660+/-3.115 χ^2/NDF : 1729.8/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

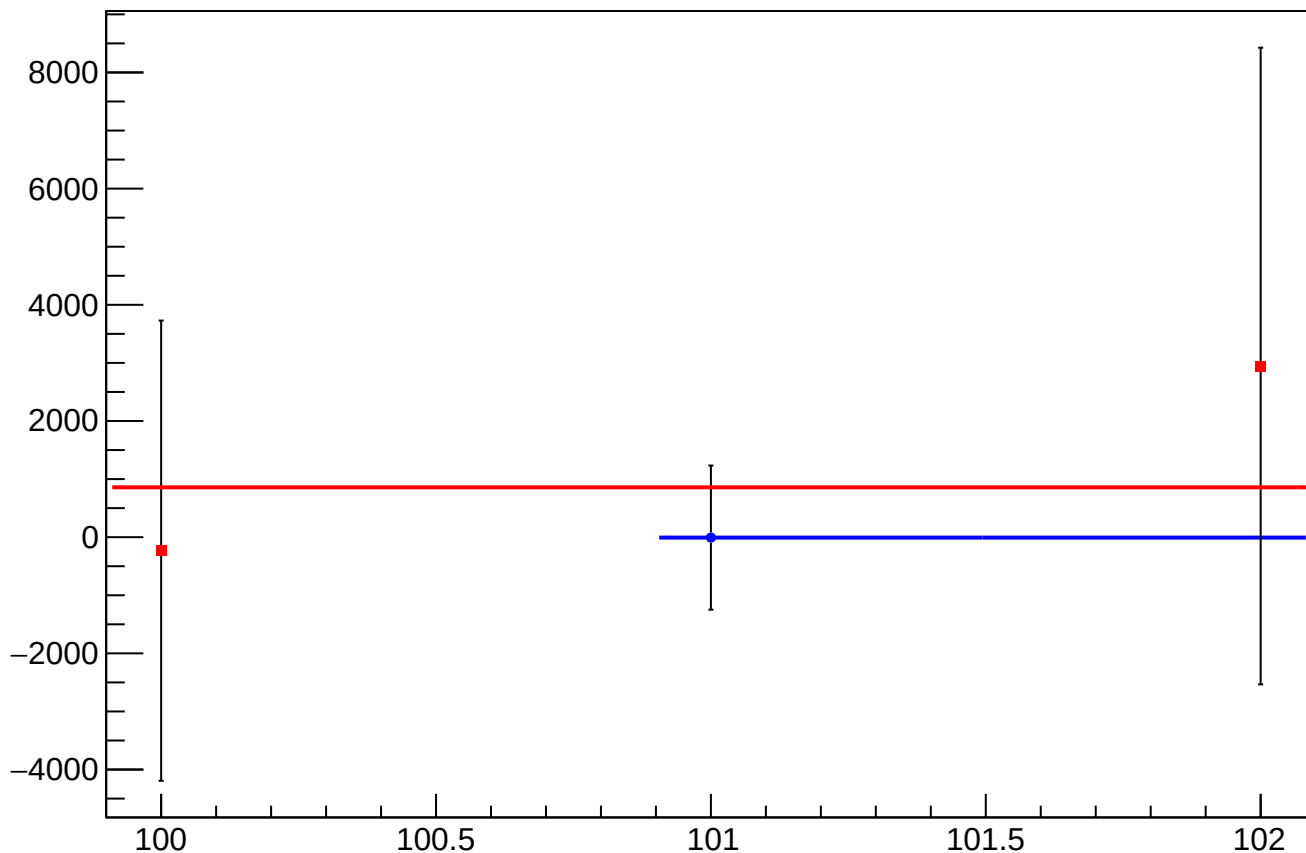
Right: 3055.713+/-1.898 χ^2/NDF : 49843.6/2

In: 2735.973+/-2.393 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3055.713+/-1.898 χ^2/NDF : 49843.6/2

asym_atl1_dit_correction_mean vs Slug, Sign Corrected



Right In: -7.122 ± 1240.398 χ^2/NDF : 0.0/0

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

Right Out: 858.437 ± 3210.292 χ^2/NDF : 0.2/1

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

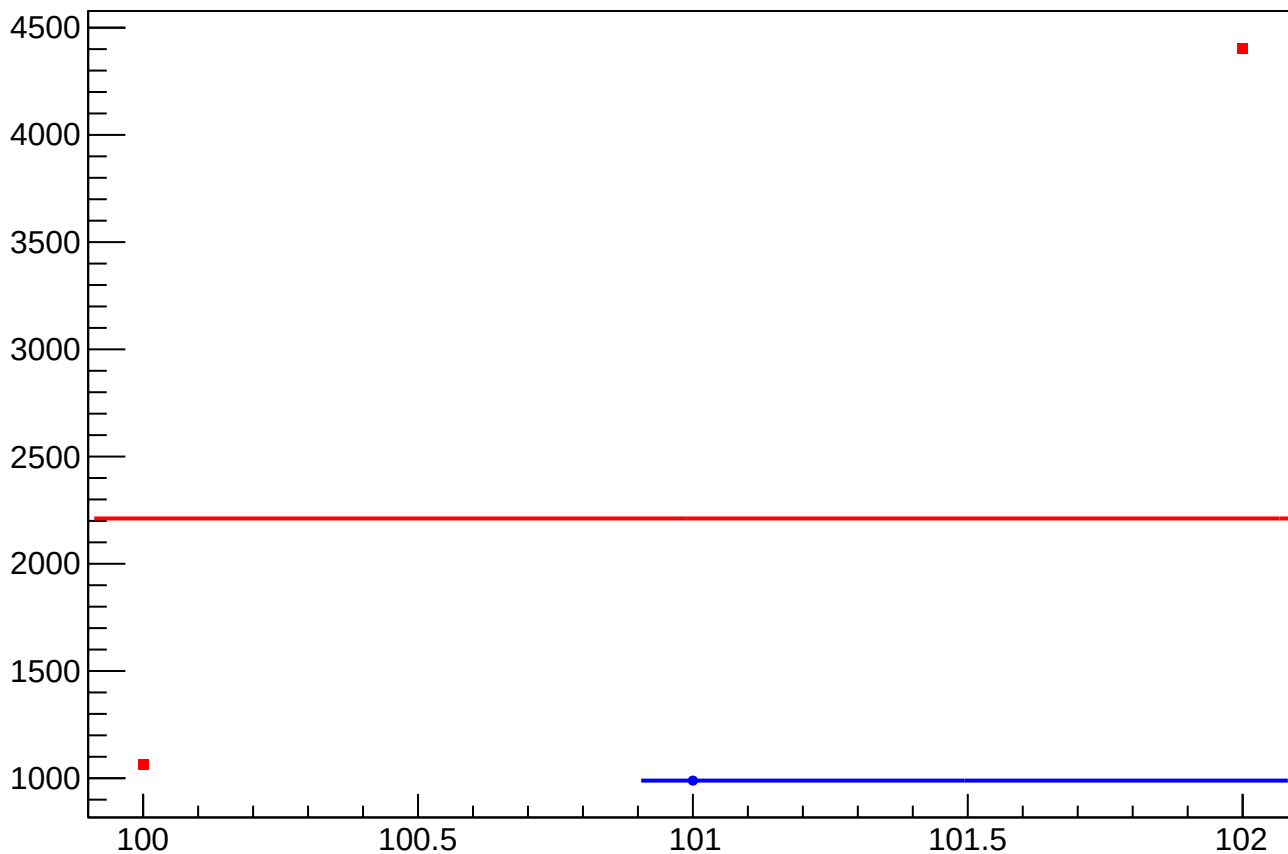
Right: 105.312 ± 1157.034 χ^2/NDF : 0.3/2

In: -7.122 ± 1240.398 χ^2/NDF : 0.0/0

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 105.312 ± 1157.034 χ^2/NDF : 0.3/2

asym_atl1_dit_correction_rms vs Slug, Sign Corrected



Right In: 988.854+/-0.877 χ^2/NDF : 0.0/0

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

Right Out: 2211.277+/-2.270 χ^2/NDF : 487046.3/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

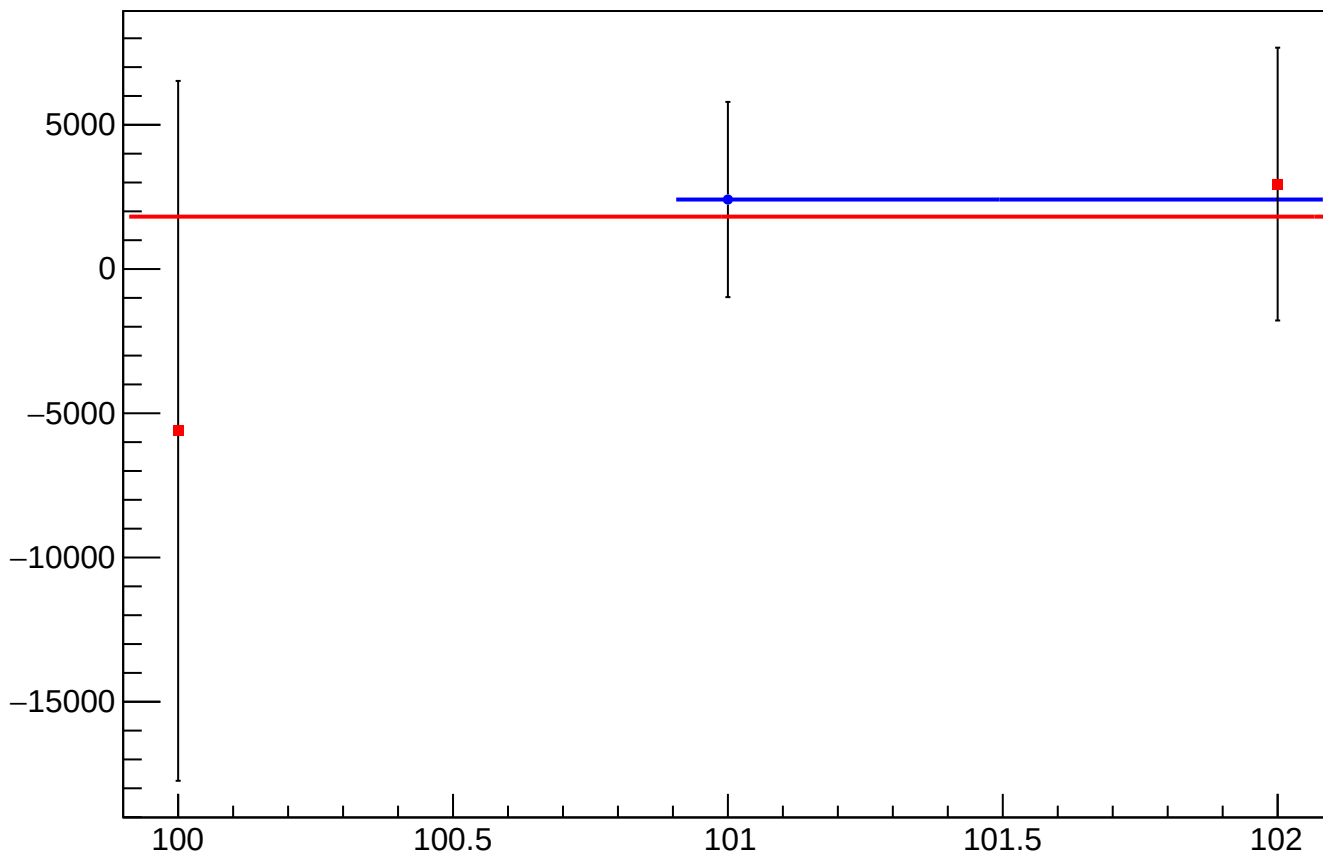
Right: 1147.645+/-0.818 χ^2/NDF : 739367.4/2

In: 988.854+/-0.877 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1147.645+/-0.818 χ^2/NDF : 739367.4/2

eigen_dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 2410.325+/-3384.181 χ^2/NDF : 0.0/0

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

Right Out: 1816.999+/-4405.890 χ^2/NDF : 0.4/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

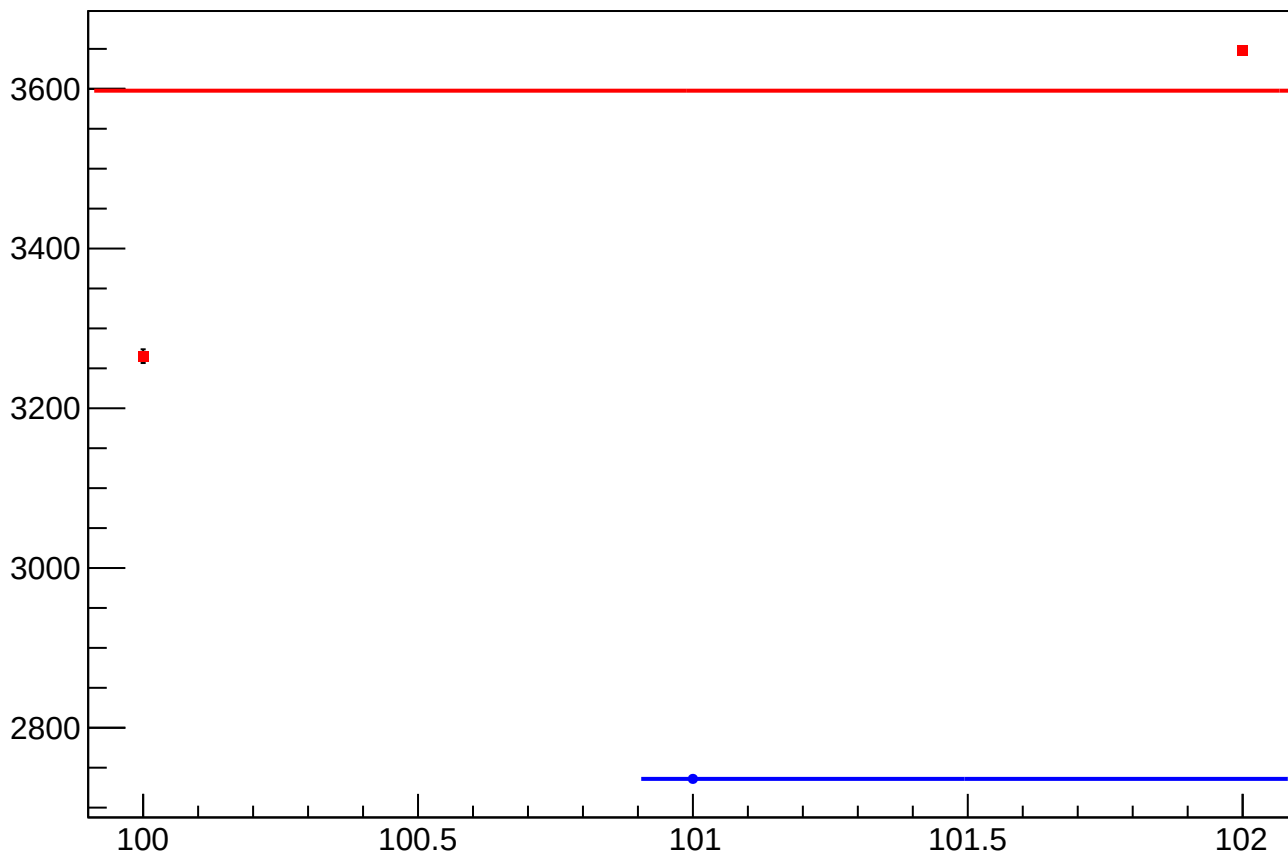
Right: 2190.164+/-2683.844 χ^2/NDF : 0.4/2

In: 2410.325+/-3384.181 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2190.164+/-2683.844 χ^2/NDF : 0.4/2

eigen_dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2735.973+/-2.393 χ^2/NDF : 0.0/0

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

Right Out: 3597.658+/-3.115 χ^2/NDF : 1729.8/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

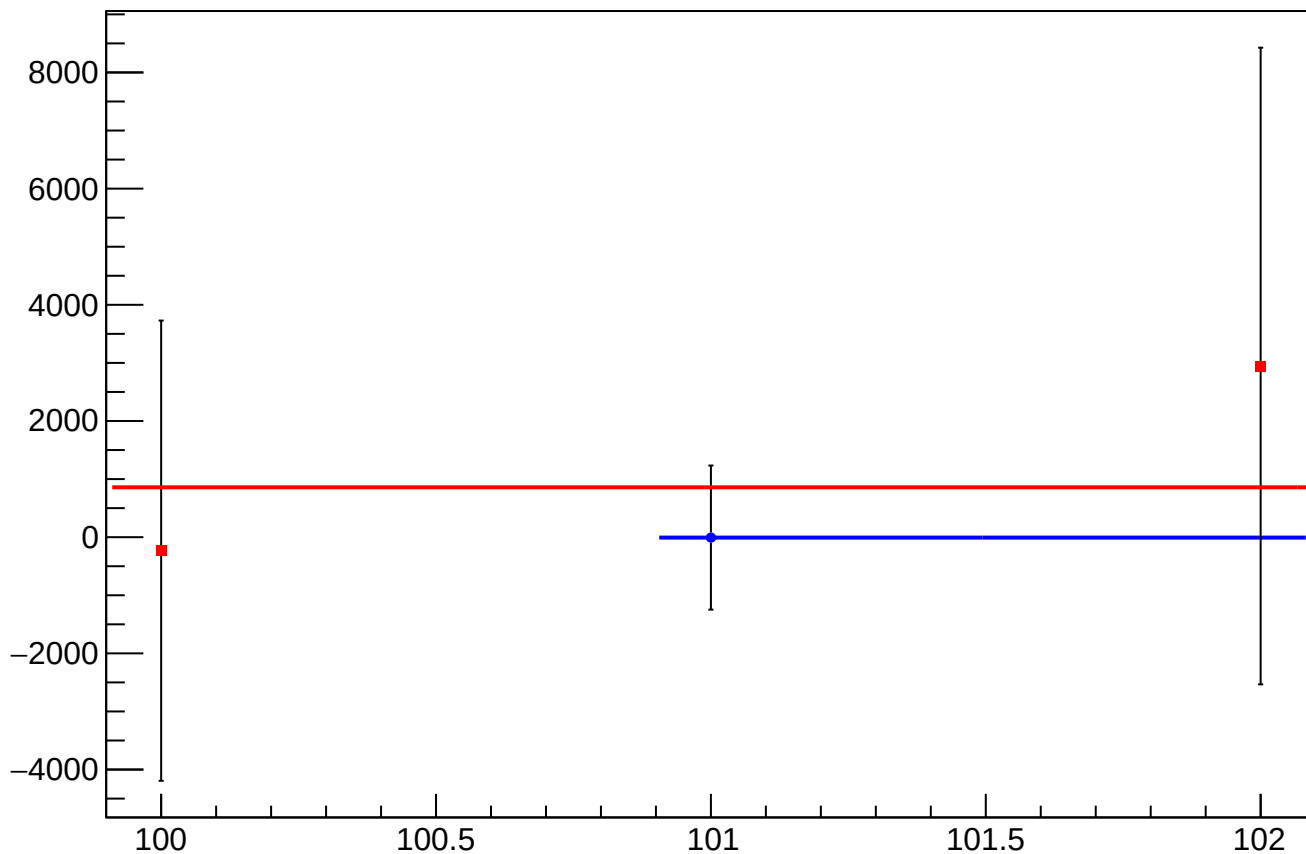
Right: 3055.712+/-1.898 χ^2/NDF : 49843.4/2

In: 2735.973+/-2.393 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3055.712+/-1.898 χ^2/NDF : 49843.4/2

asym_atl1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -7.129+/-1240.398 χ^2/NDF : 0.0/0

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

Right Out: 858.456+/-3210.298 χ^2/NDF : 0.2/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

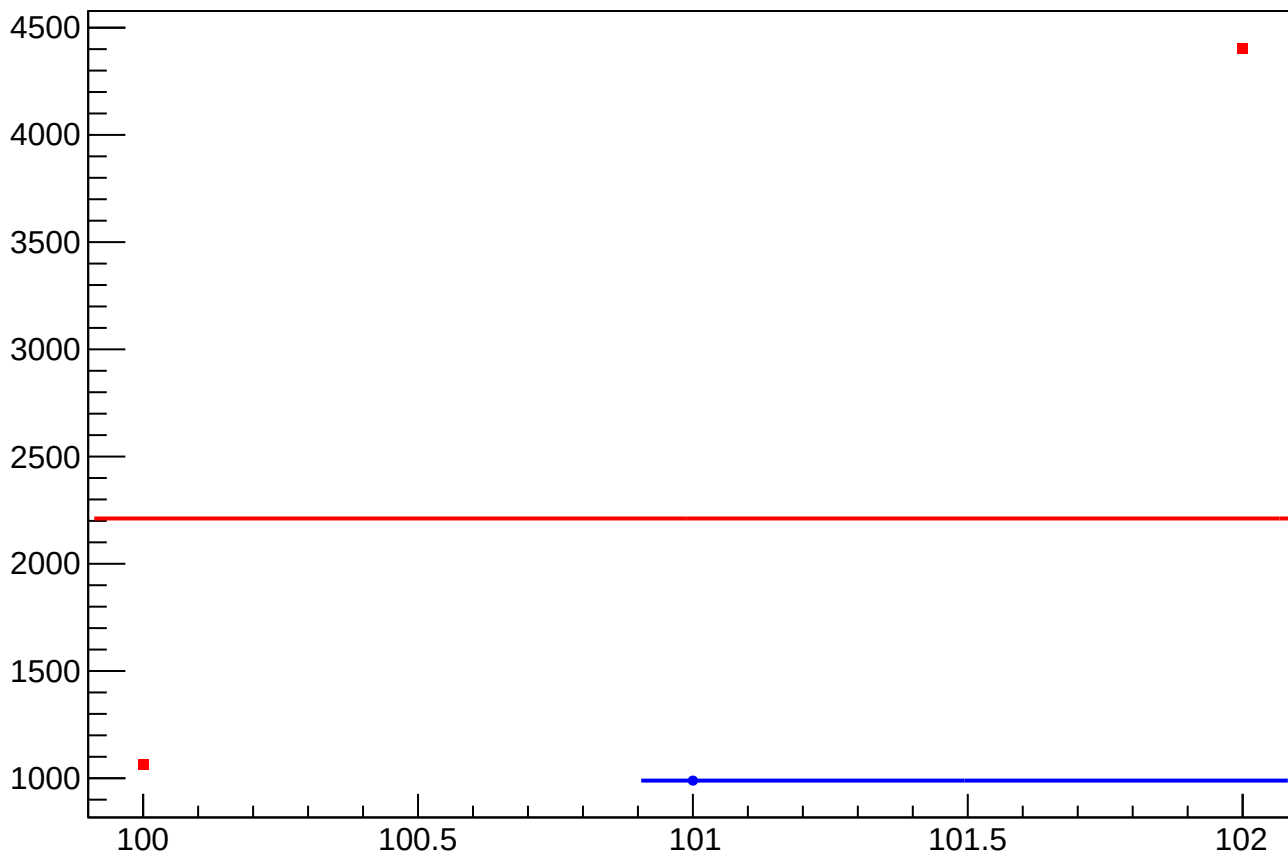
Right: 105.309+/-1157.035 χ^2/NDF : 0.3/2

In: -7.129+/-1240.398 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.309+/-1157.035 χ^2/NDF : 0.3/2

asym_atl1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 988.855+/-0.877 χ^2/NDF : 0.0/0

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

Right Out: 2211.281+/-2.270 χ^2/NDF : 487046.7/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

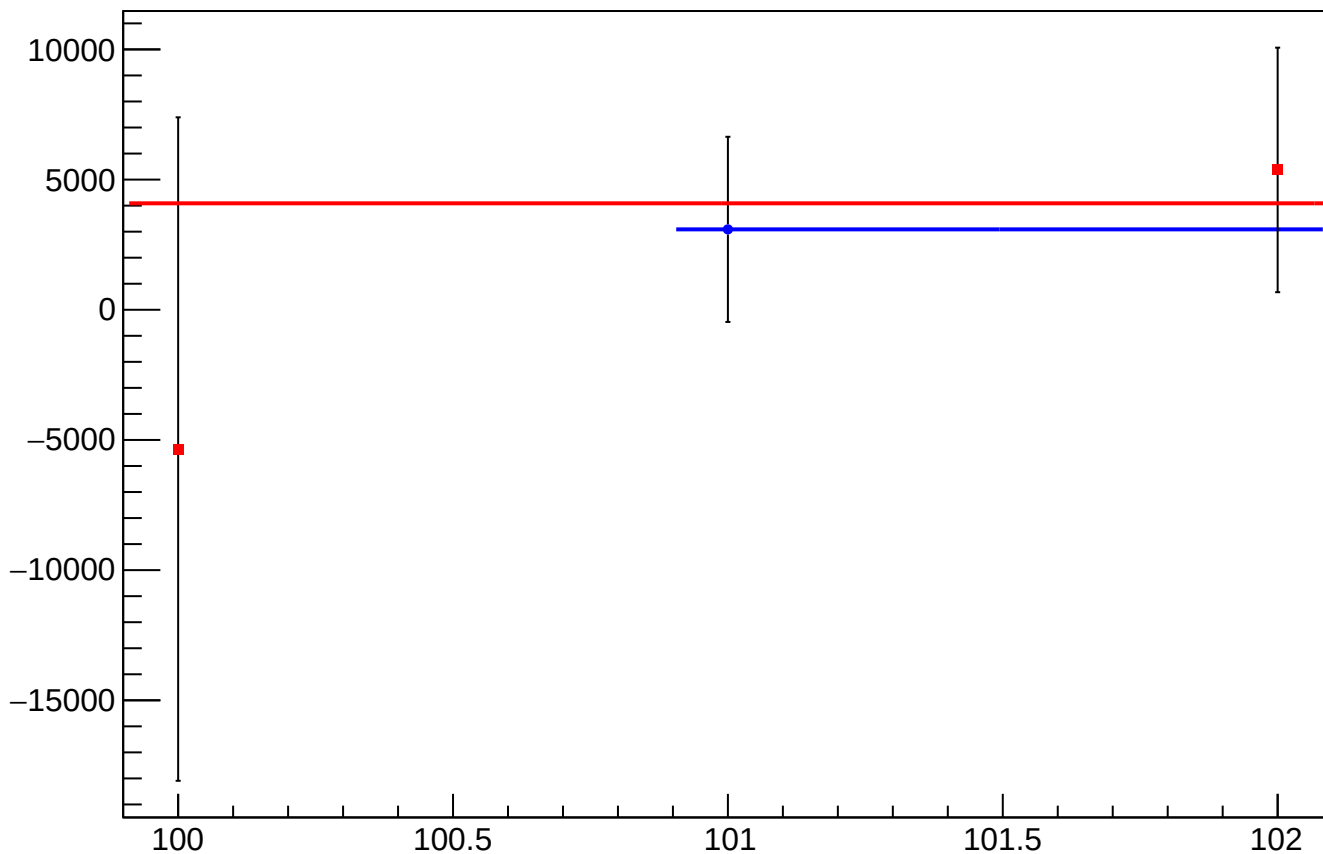
Right: 1147.645+/-0.818 χ^2/NDF : 739368.3/2

In: 988.855+/-0.877 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1147.645+/-0.818 χ^2/NDF : 739368.3/2

asym_atl1_mean vs Slug, Sign Corrected



Right In: 3088.344+/-3555.732 χ^2/NDF : 0.0/0

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

Right Out: 4088.819+/-4406.260 χ^2/NDF : 0.6/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

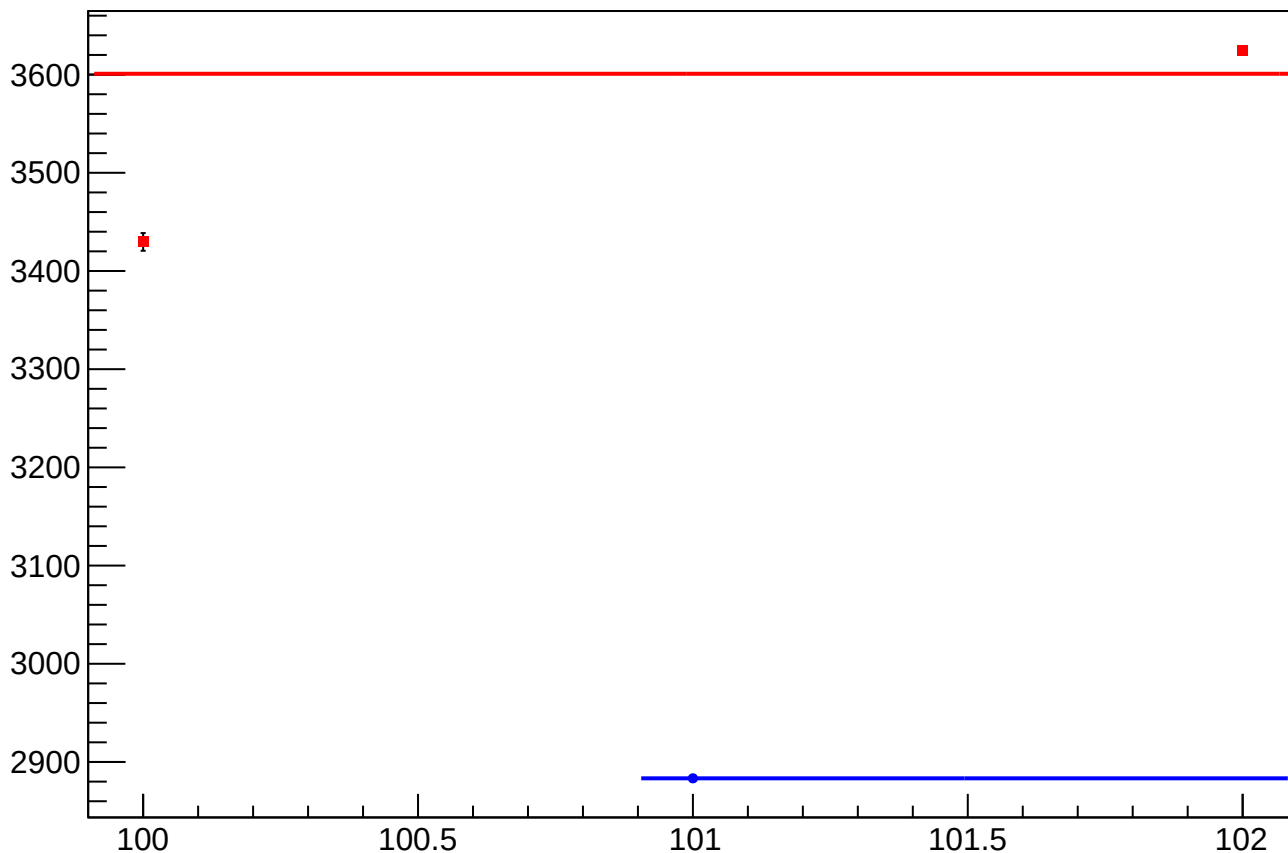
Right: 3482.913+/-2767.123 χ^2/NDF : 0.7/2

In: 3088.344+/-3555.732 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3482.913+/-2767.123 χ^2/NDF : 0.7/2

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2883.338+/-2.514 χ^2/NDF : 0.0/0

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

Right Out: 3600.840+/-3.116 χ^2/NDF : 410.3/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

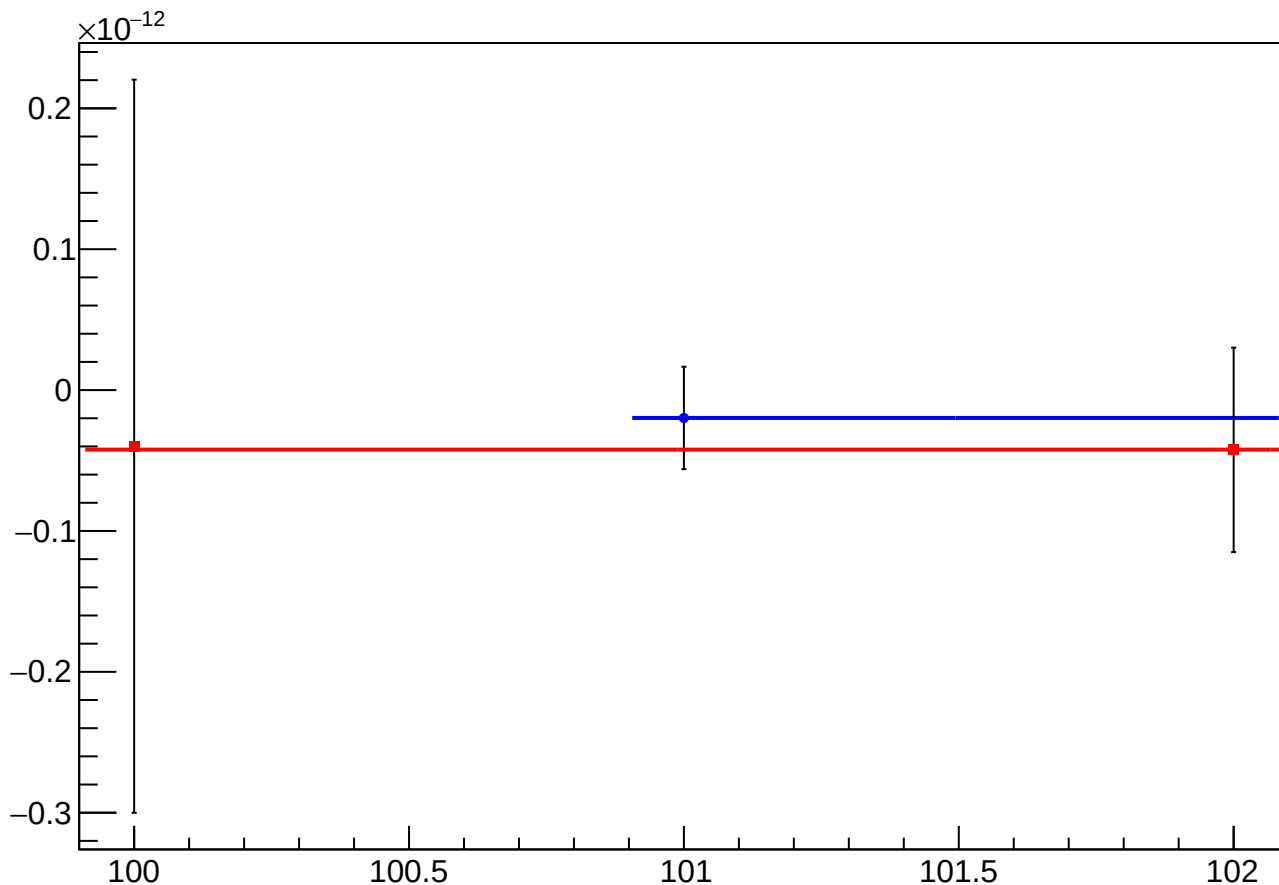
Right: 3166.307+/-1.957 χ^2/NDF : 32527.3/2

In: 2883.338+/-2.514 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3166.307+/-1.957 χ^2/NDF : 32527.3/2

asym_atl1_reg_vs_cor_diff_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: 0.0/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

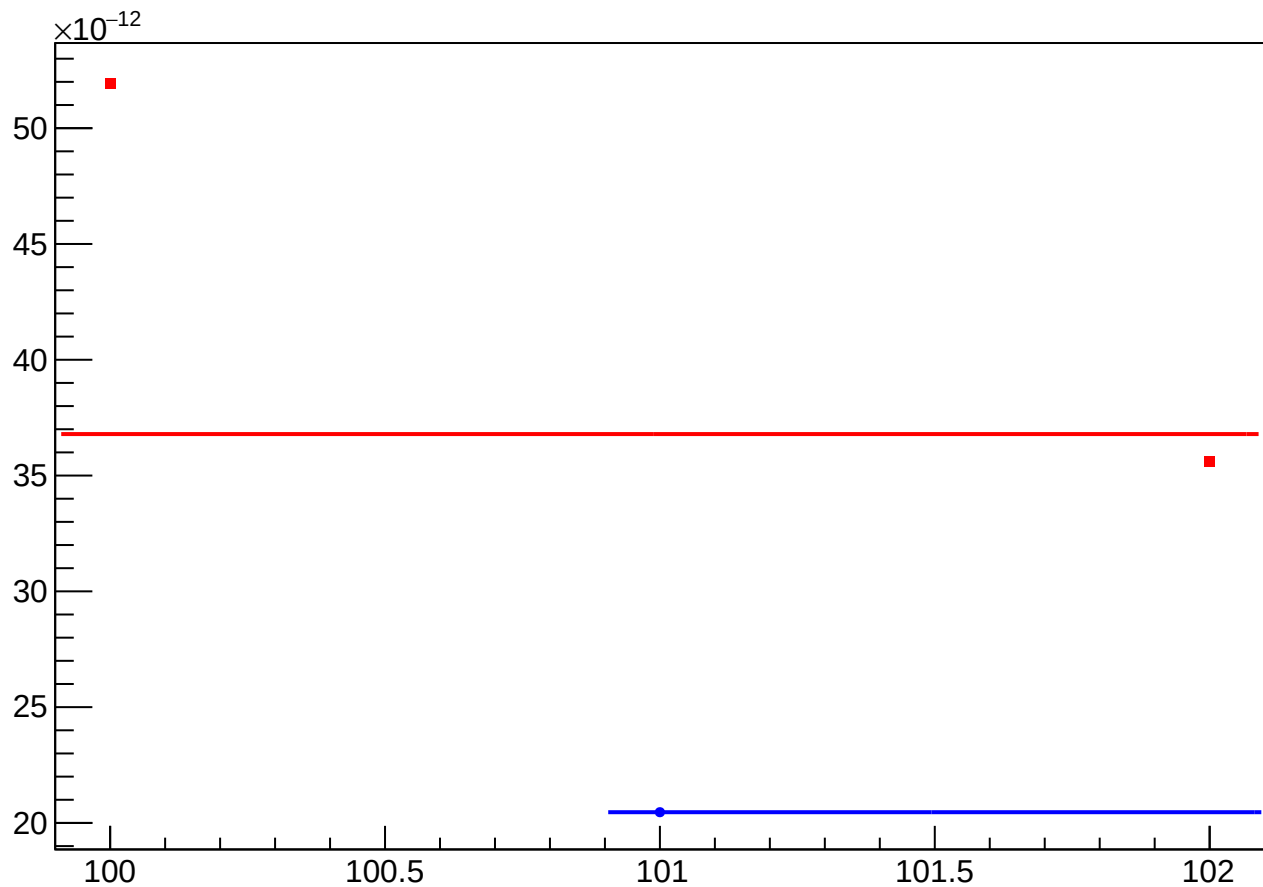
Right: -0.000+/-0.000 χ^2 /NDF: 0.1/2

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: 0.1/2

asym_atl1_reg_vs_cor_diff_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 : 7277.5/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

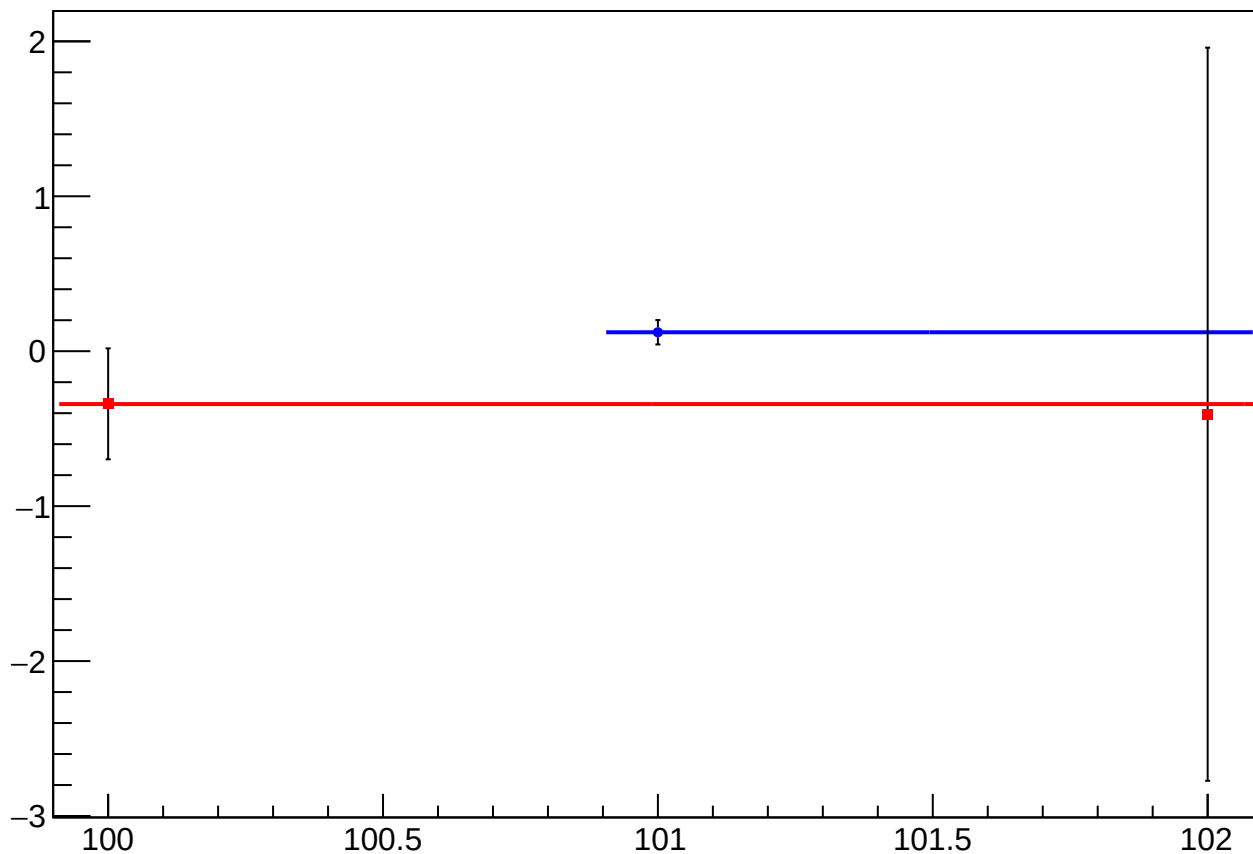
Right: 0.000+/-0.000 χ^2/NDF : 93156.7/2

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 : 93156.7/2

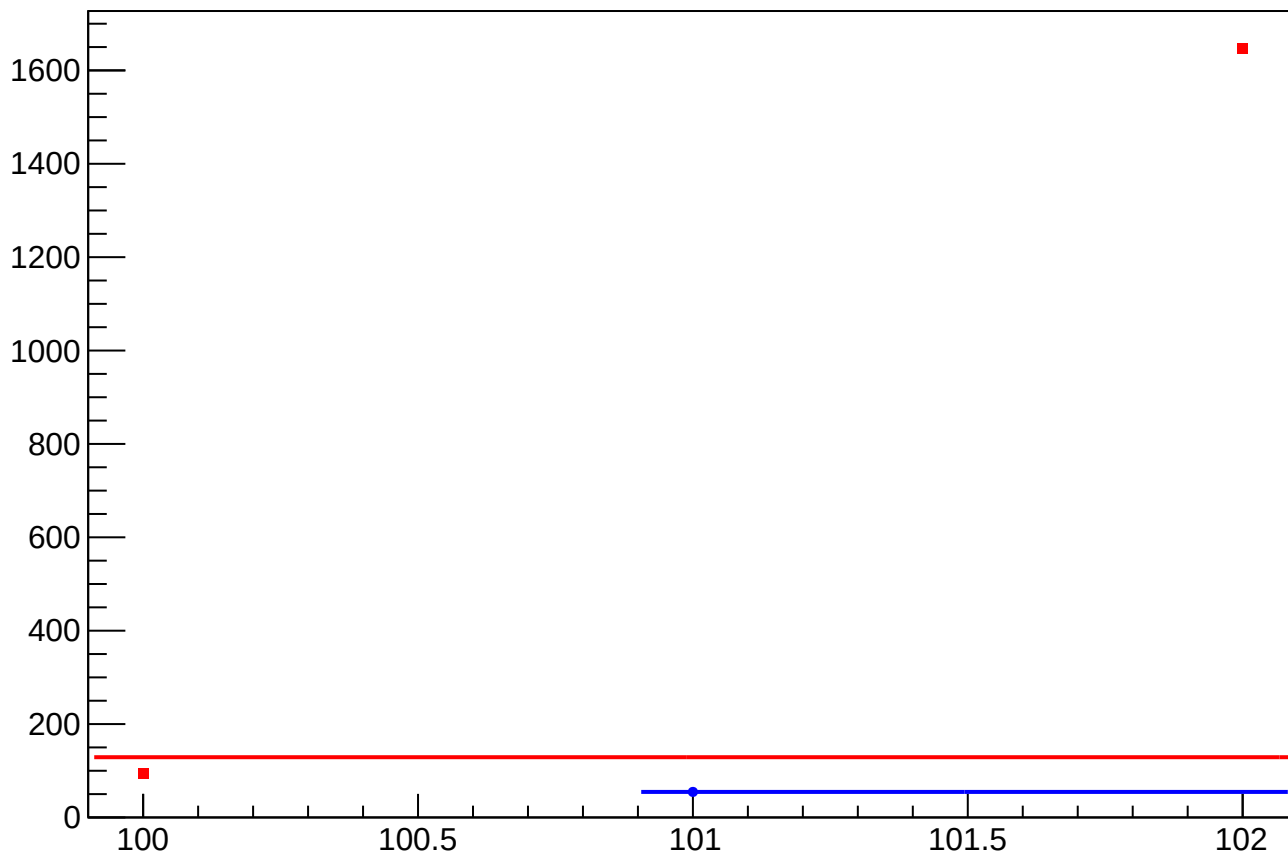
asym_atl1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.122+/-0.079 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.341+/-0.354 χ^2/NDF : 0.0/1
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.100+/-0.077 χ^2/NDF : 1.6/2
 In: 0.122+/-0.079 χ^2/NDF : 0.0/0
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.100+/-0.077 χ^2/NDF : 1.6/2

asym_atl1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.698 $\pm$ 0.056 χ^2/NDF : 0.0/0

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

Right Out: 129.029 $\pm$ 0.250 χ^2/NDF : 840906.6/1

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

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

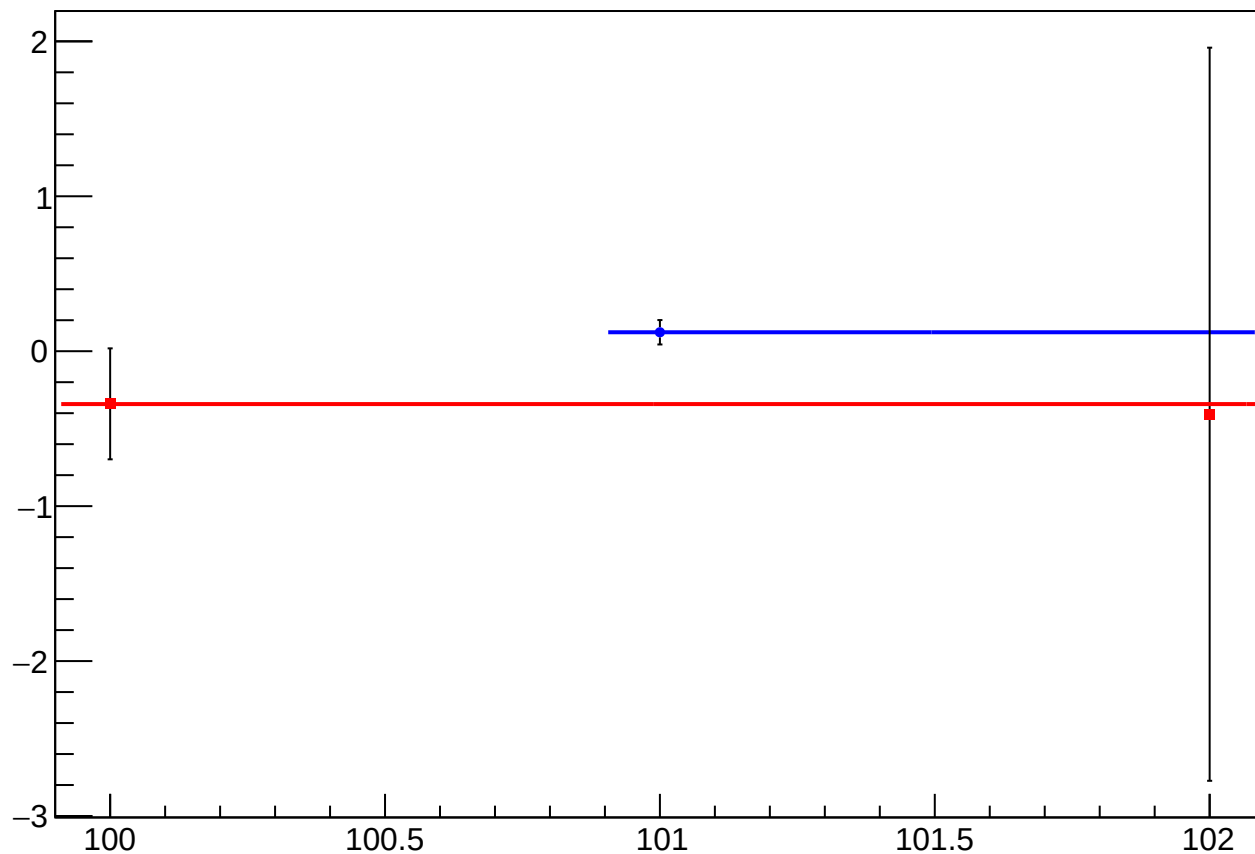
Right: 58.205 $\pm$ 0.054 χ^2/NDF : 924897.6/2

In: 54.698 $\pm$ 0.056 χ^2/NDF : 0.0/0

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

All: 58.205 $\pm$ 0.054 χ^2/NDF : 924897.6/2

asym_atl1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.122 $\pm$ 0.079 χ^2 /NDF: 0.0/0

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

Right Out: -0.341 $\pm$ 0.354 χ^2 /NDF: 0.0/1

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

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

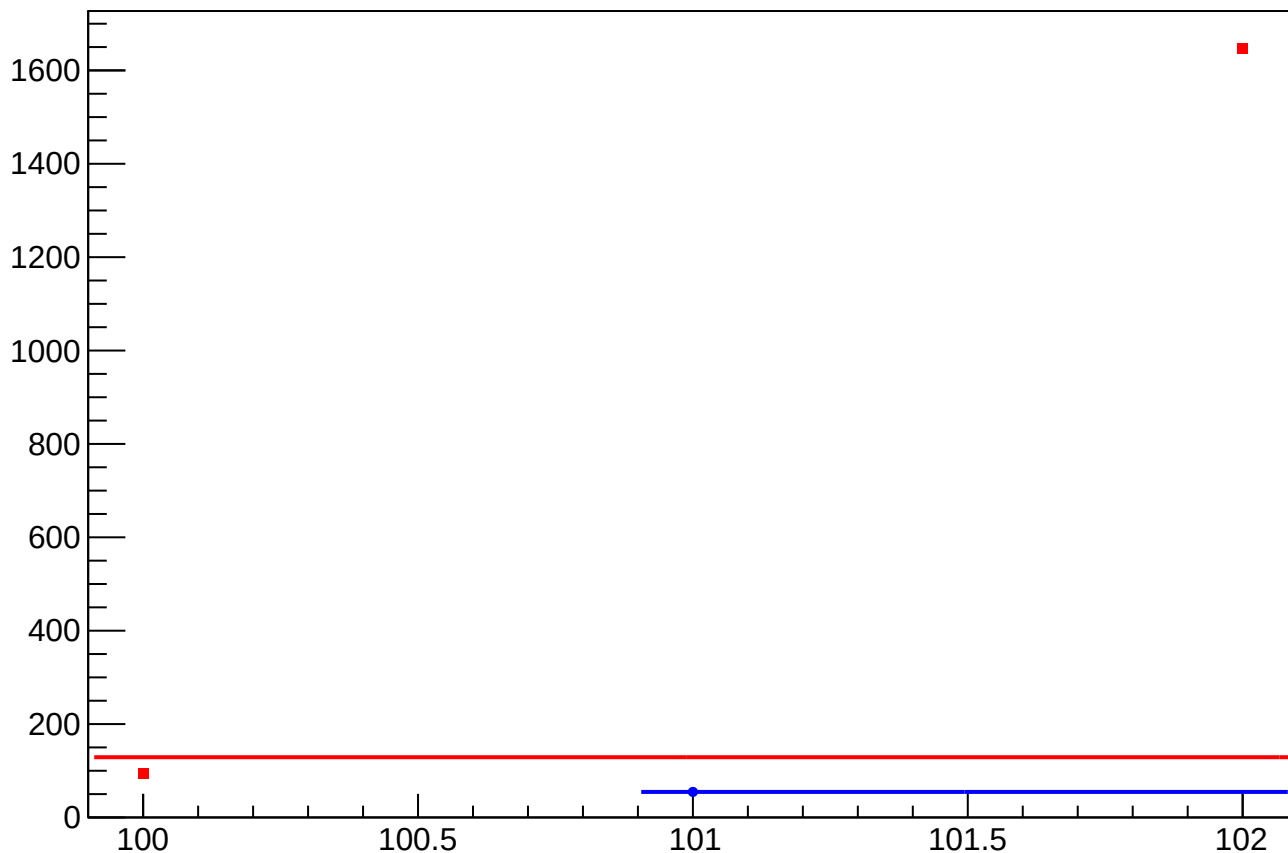
Right: 0.100 $\pm$ 0.077 χ^2 /NDF: 1.6/2

In: 0.122 $\pm$ 0.079 χ^2 /NDF: 0.0/0

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

All: 0.100 $\pm$ 0.077 χ^2 /NDF: 1.6/2

asym_atl1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.698 $\pm$ 0.056 χ^2 /NDF: 0.0/0

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

Right Out: 129.029 $\pm$ 0.250 χ^2 /NDF: 840906.6/1

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

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

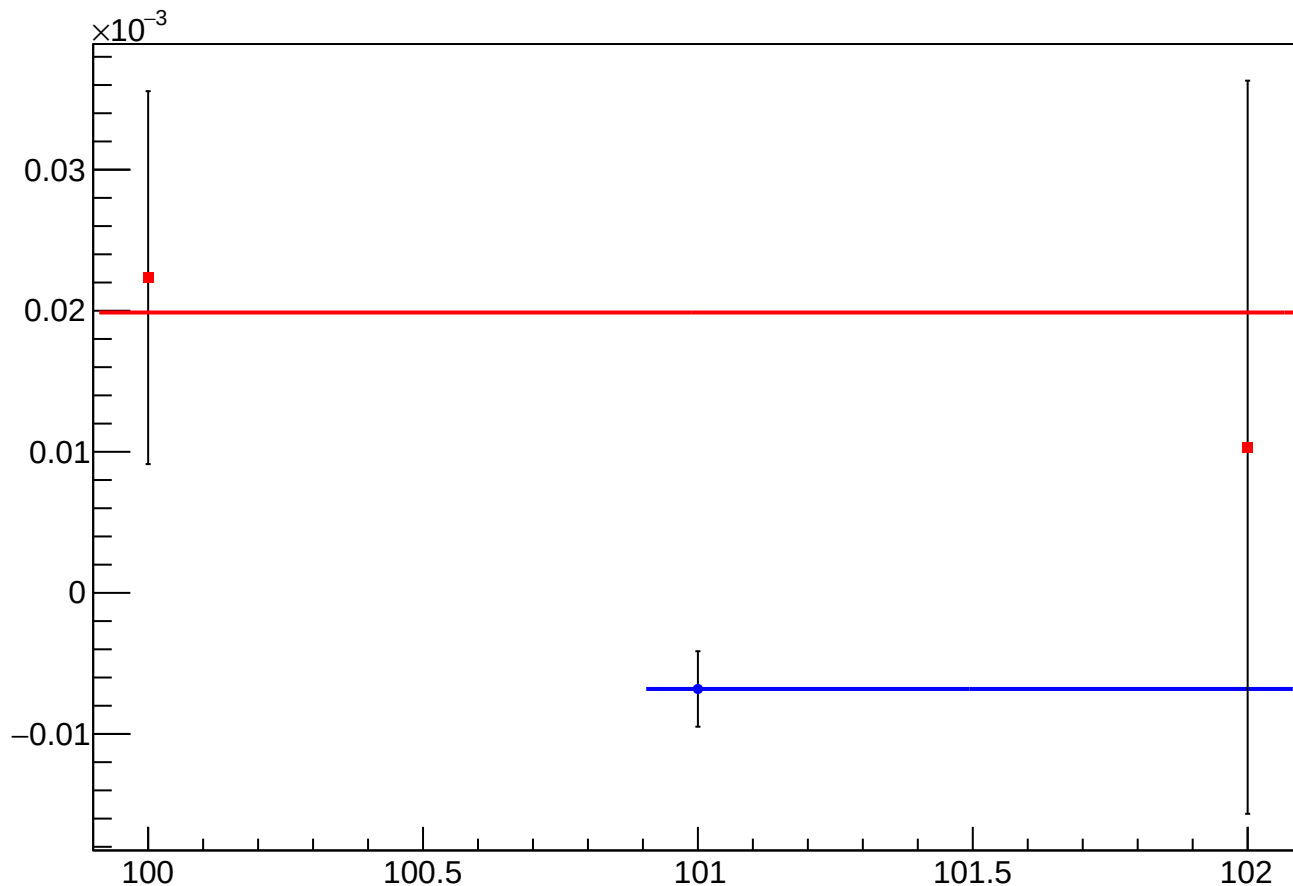
Right: 58.205 $\pm$ 0.054 χ^2 /NDF: 924897.6/2

In: 54.698 $\pm$ 0.056 χ^2 /NDF: 0.0/0

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

All: 58.205 $\pm$ 0.054 χ^2 /NDF: 924897.6/2

asym_atl1_eigen_dit_vs_dit_diff_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 : 0.2/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

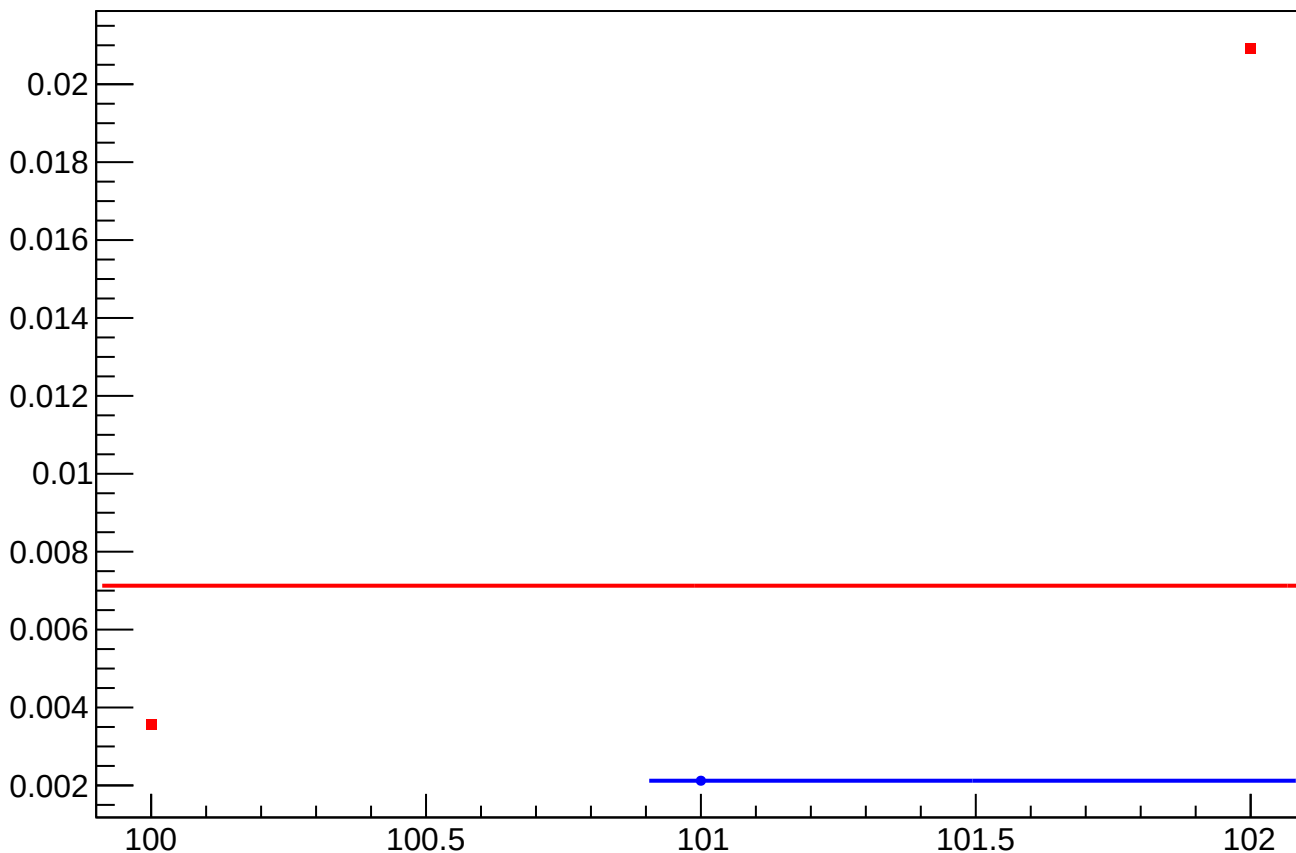
Right: -0.000+/-0.000 χ^2/NDF : 5.0/2

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 : 5.0/2

asym_atl1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.007+/-0.000 χ^2/NDF : 709424.6/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

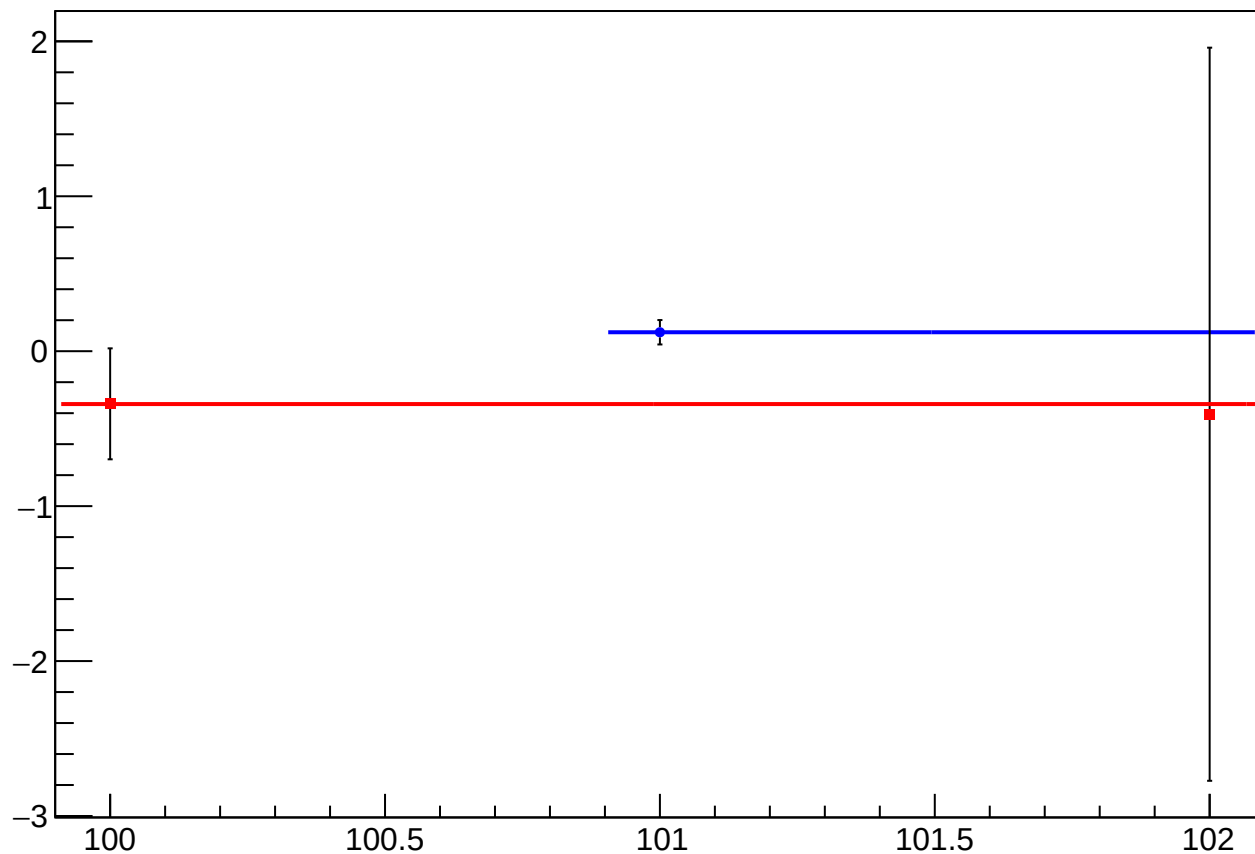
Right: 0.002+/-0.000 χ^2/NDF : 1052906.3/2

In: 0.002+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1052906.3/2

asym_atl1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.122 $\pm$ 0.079 χ^2 /NDF: 0.0/0

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

Right Out: -0.341 $\pm$ 0.354 χ^2 /NDF: 0.0/1

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

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

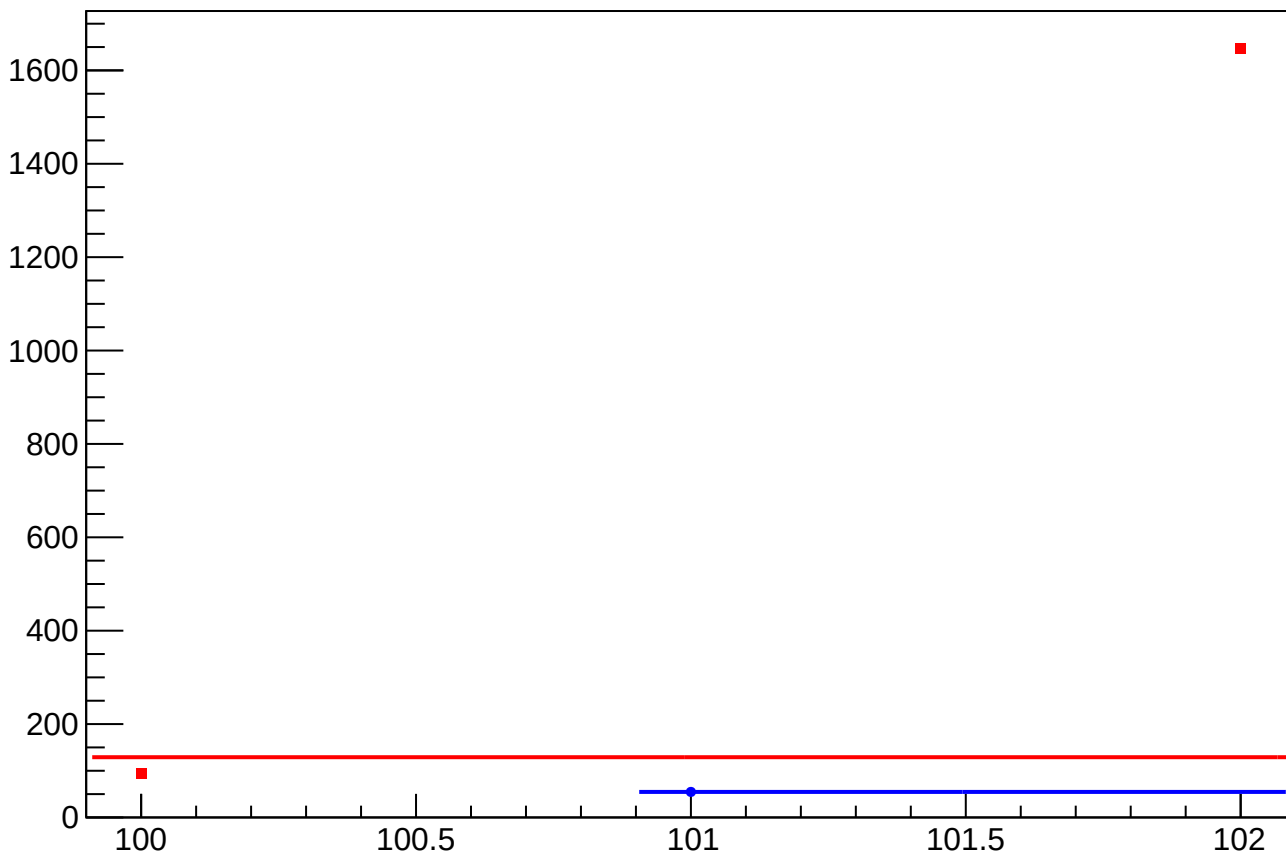
Right: 0.100 $\pm$ 0.077 χ^2 /NDF: 1.6/2

In: 0.122 $\pm$ 0.079 χ^2 /NDF: 0.0/0

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

All: 0.100 $\pm$ 0.077 χ^2 /NDF: 1.6/2

asym_atl1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.697 $\pm$ 0.056 χ^2 /NDF: 0.0/0

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

Right Out: 129.027 $\pm$ 0.250 χ^2 /NDF: 840900.0/1

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

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

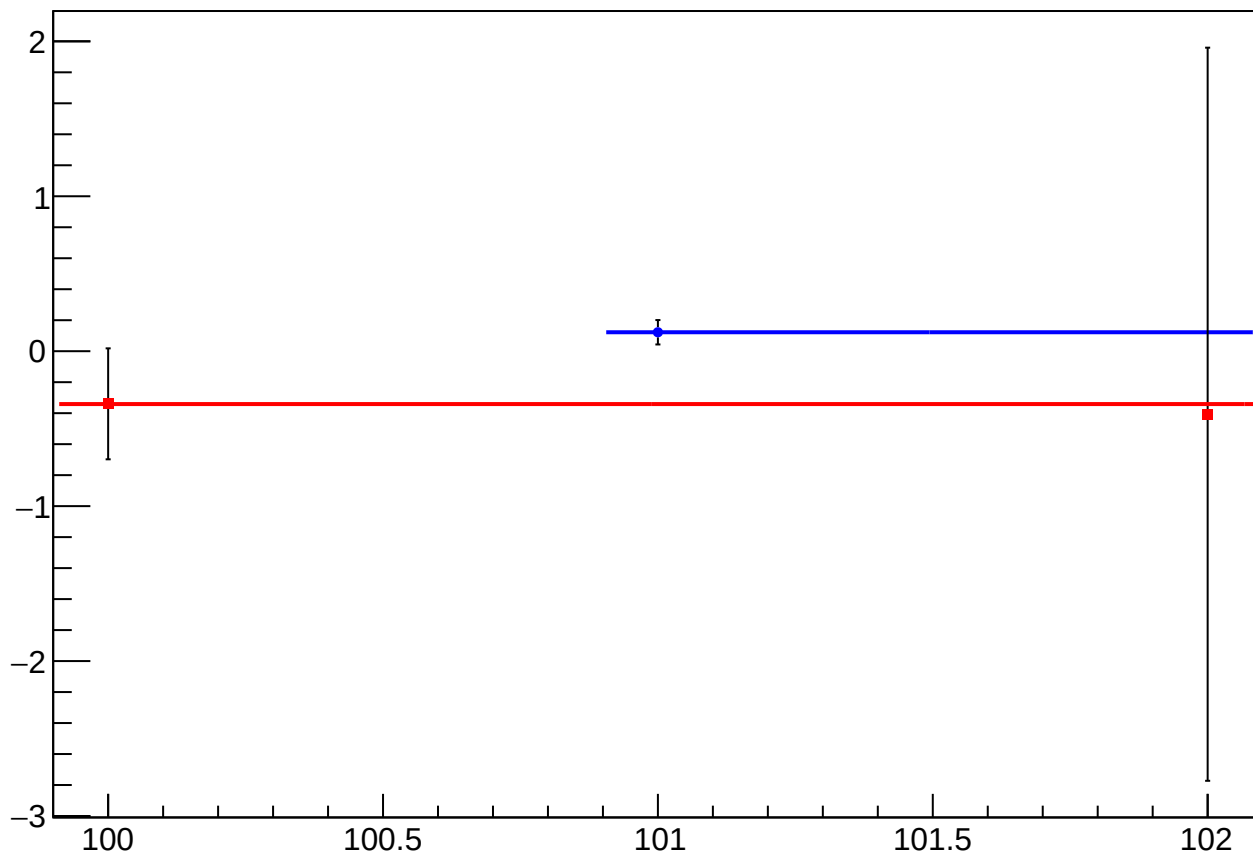
Right: 58.204 $\pm$ 0.054 χ^2 /NDF: 924891.4/2

In: 54.697 $\pm$ 0.056 χ^2 /NDF: 0.0/0

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

All: 58.204 $\pm$ 0.054 χ^2 /NDF: 924891.4/2

asym_atl1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.122+/-0.079 χ^2/NDF : 0.0/0

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

Right Out: -0.341+/-0.354 χ^2/NDF : 0.0/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

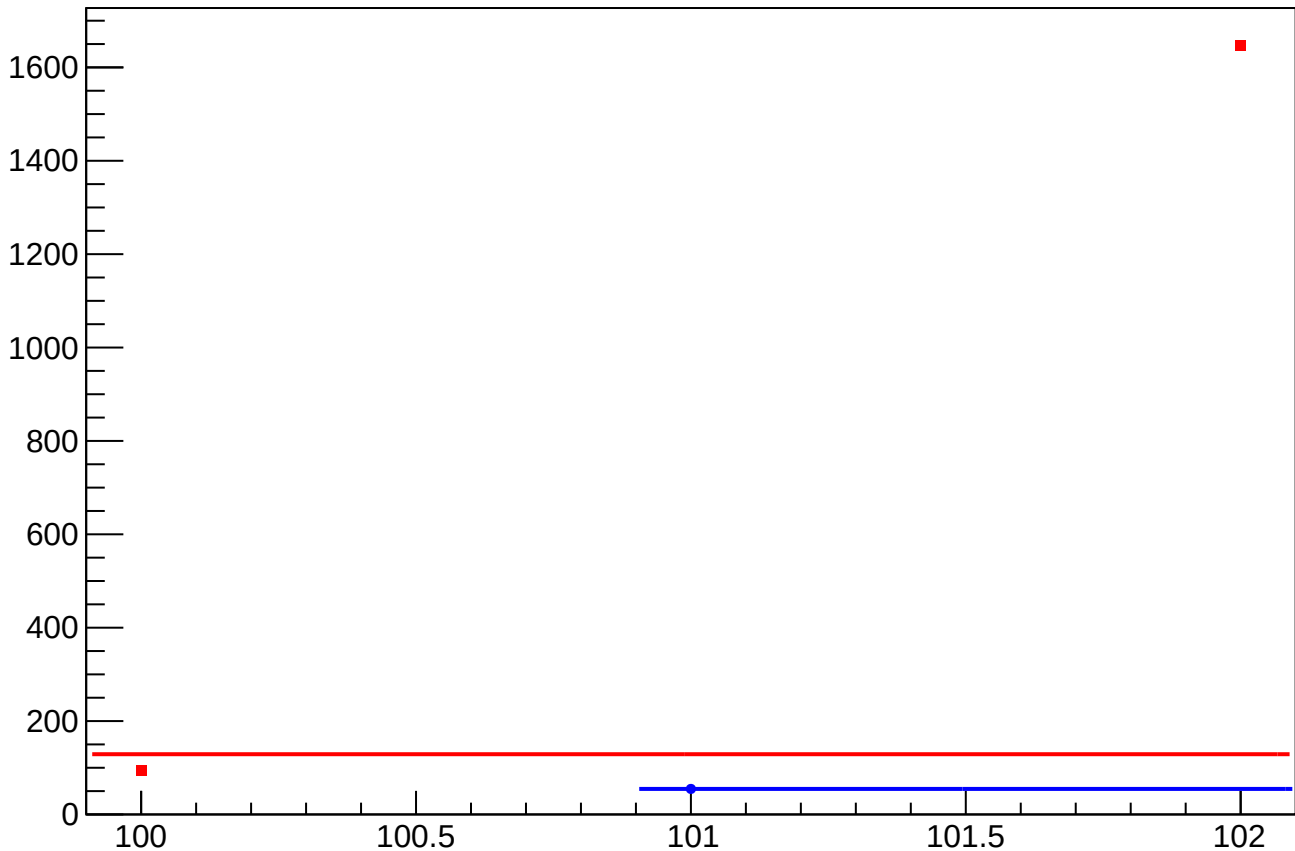
Right: 0.100+/-0.077 χ^2/NDF : 1.6/2

In: 0.122+/-0.079 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.100+/-0.077 χ^2/NDF : 1.6/2

asym_atl1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.697 $\pm$ 0.056 χ^2 /NDF: 0.0/0

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

Right Out: 129.027 $\pm$ 0.250 χ^2 /NDF: 840900.0/1

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

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

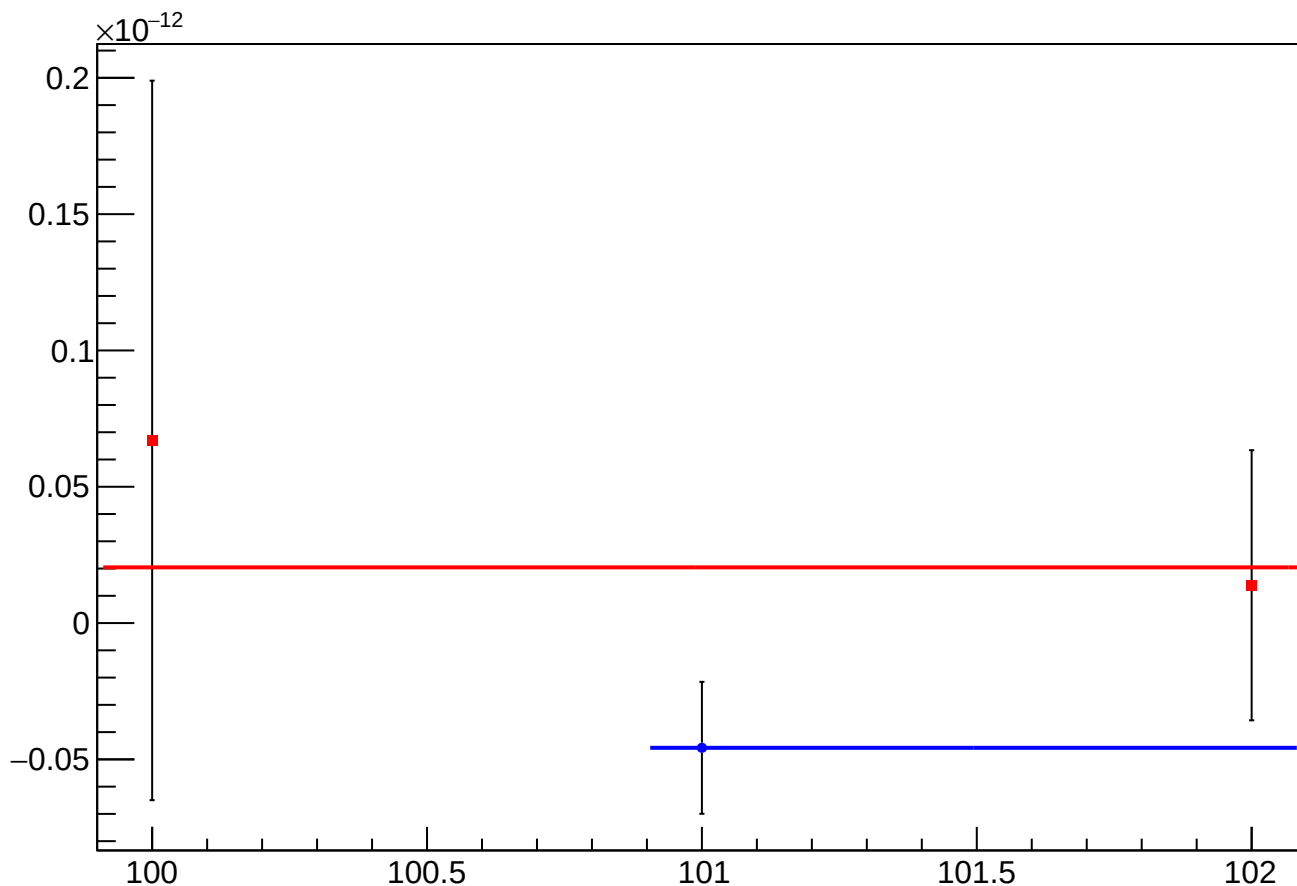
Right: 58.204 $\pm$ 0.054 χ^2 /NDF: 924891.4/2

In: 54.697 $\pm$ 0.056 χ^2 /NDF: 0.0/0

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

All: 58.204 $\pm$ 0.054 χ^2 /NDF: 924891.4/2

asym_atl1_eigen_cor_vs_cor_diff_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 : 0.1/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

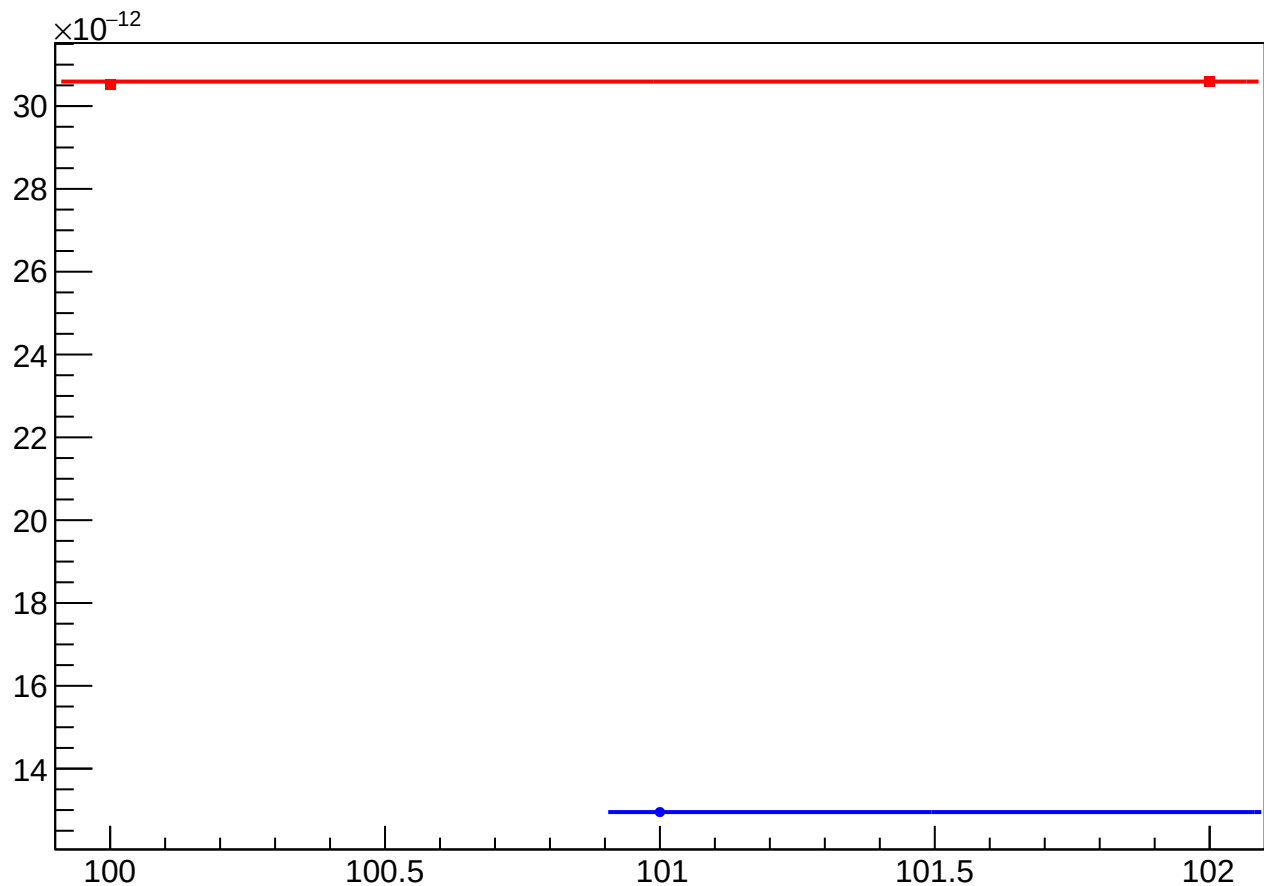
Right: -0.000+/-0.000 χ^2/NDF : 1.7/2

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 : 1.7/2

asym_atl1_eigen_cor_vs_cor_diff_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 : 0.8/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

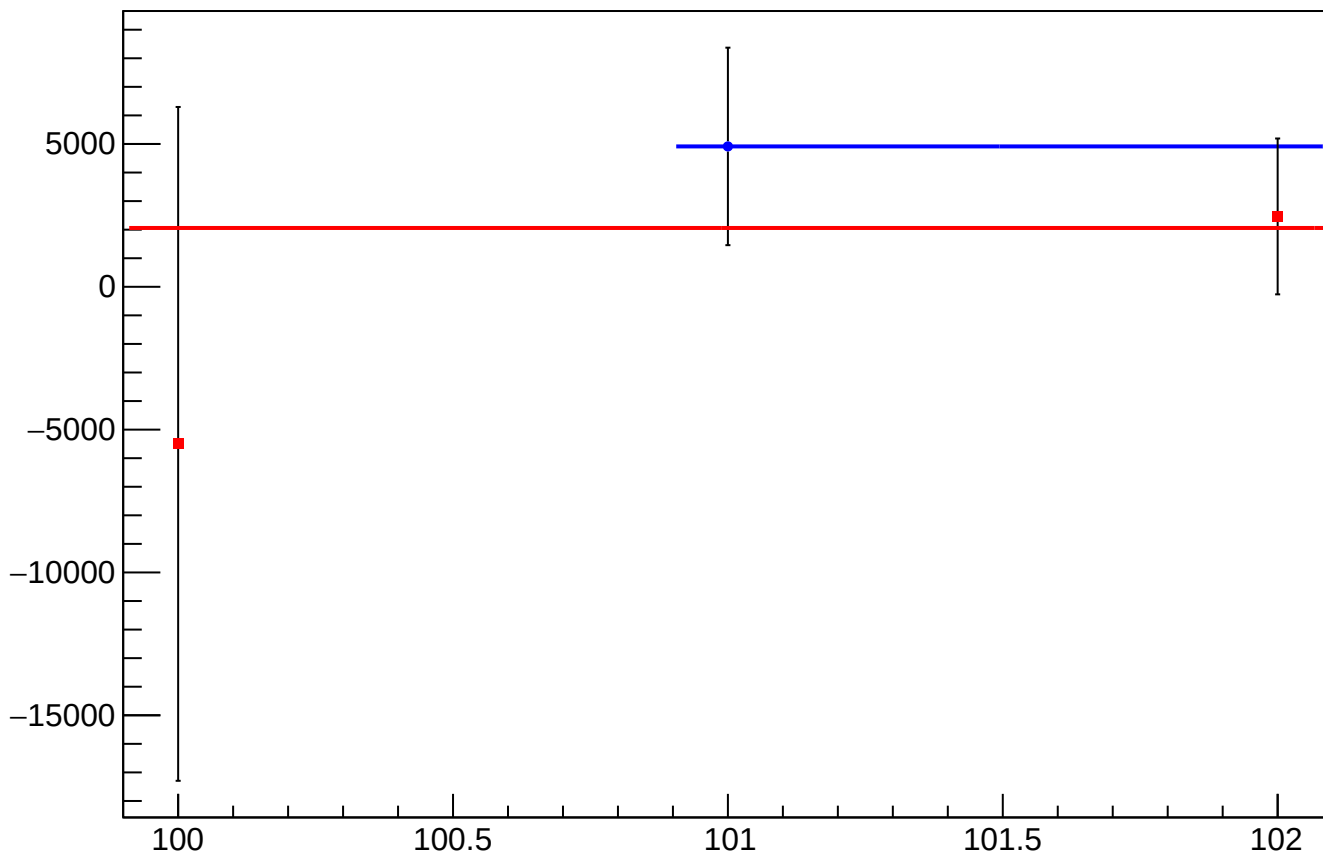
Right: 0.000+/-0.000 χ^2/NDF : 227362.5/2

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 : 227362.5/2

reg_asym_atl2_mean vs Slug, Sign Corrected



Right In: 4914.516+/-3456.780 χ^2 /NDF: 0.0/0

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

Right Out: 2059.414+/-2657.866 χ^2 /NDF: 0.4/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

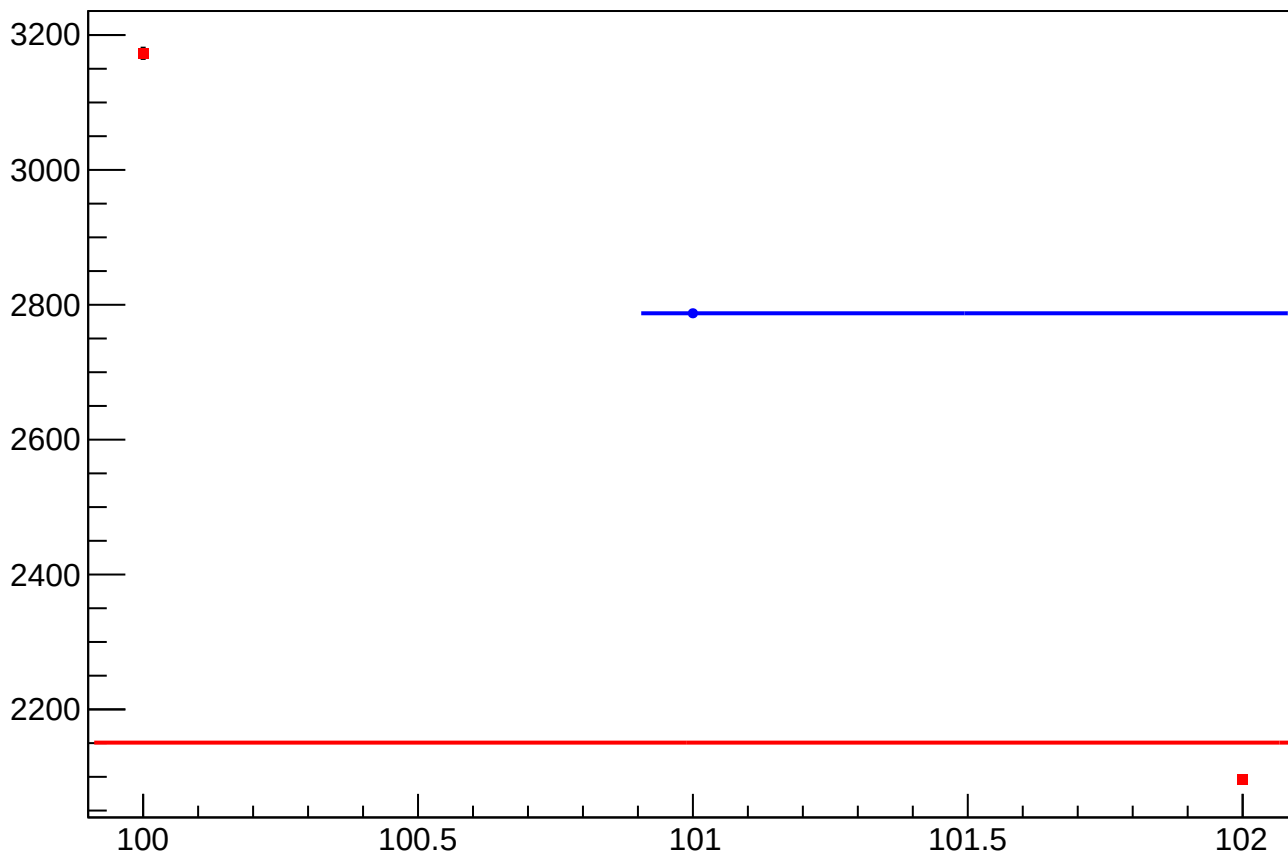
Right: 3120.190+/-2107.040 χ^2 /NDF: 0.9/2

In: 4914.516+/-3456.780 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 3120.190+/-2107.040 χ^2 /NDF: 0.9/2

reg_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2787.404 $\pm$ 2.444 χ^2 /NDF: 0.0/0

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

Right Out: 2150.742 $\pm$ 1.879 χ^2 /NDF: 15825.8/1

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

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

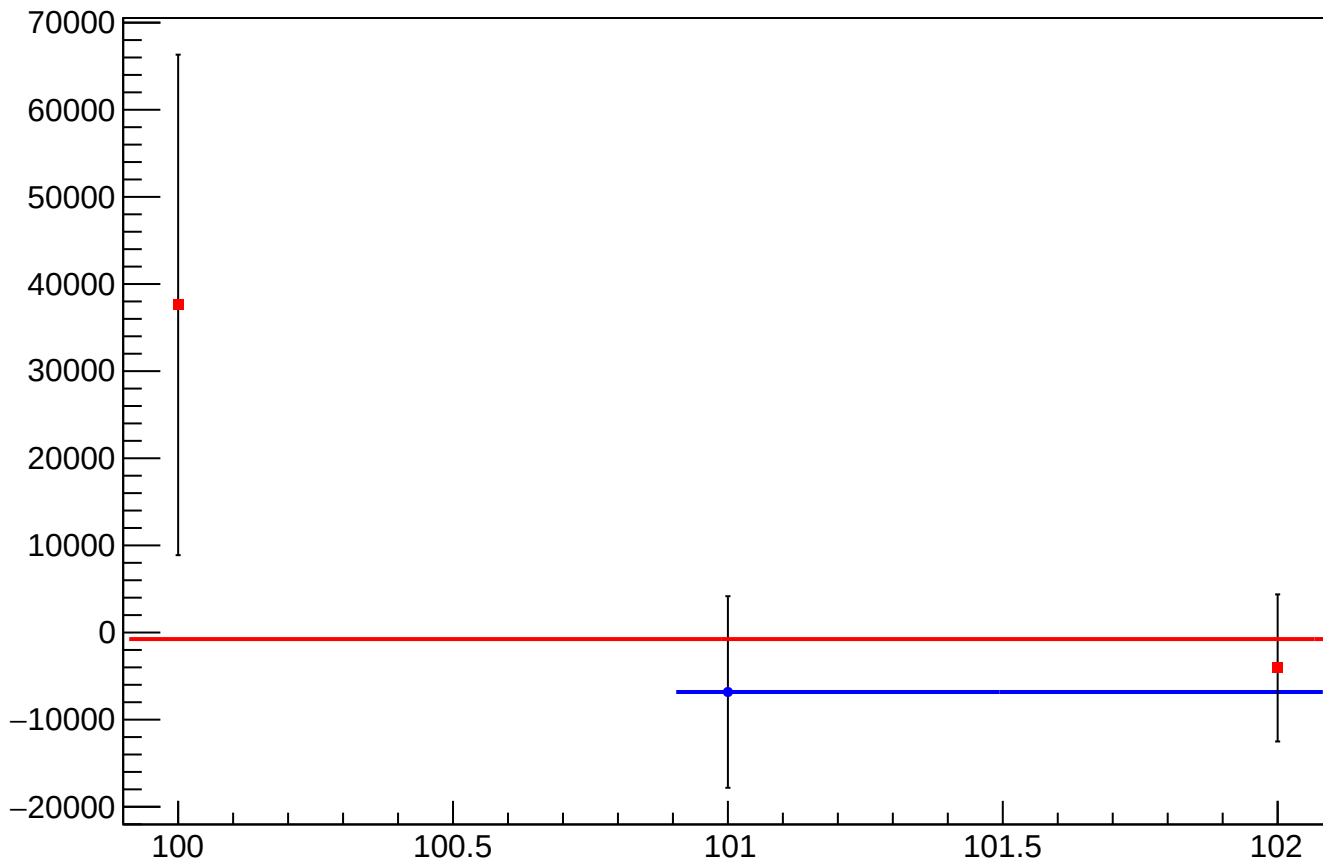
Right: 2387.285 $\pm$ 1.490 χ^2 /NDF: 58462.6/2

In: 2787.404 $\pm$ 2.444 χ^2 /NDF: 0.0/0

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

All: 2387.285 $\pm$ 1.490 χ^2 /NDF: 58462.6/2

asym_atl2_reg_correction_mean vs Slug, Sign Corrected



Right In: -6825.445+/-10996.012 χ^2/NDF : 0.0/0

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

Right Out: -751.390+/-8098.677 χ^2/NDF : 1.9/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

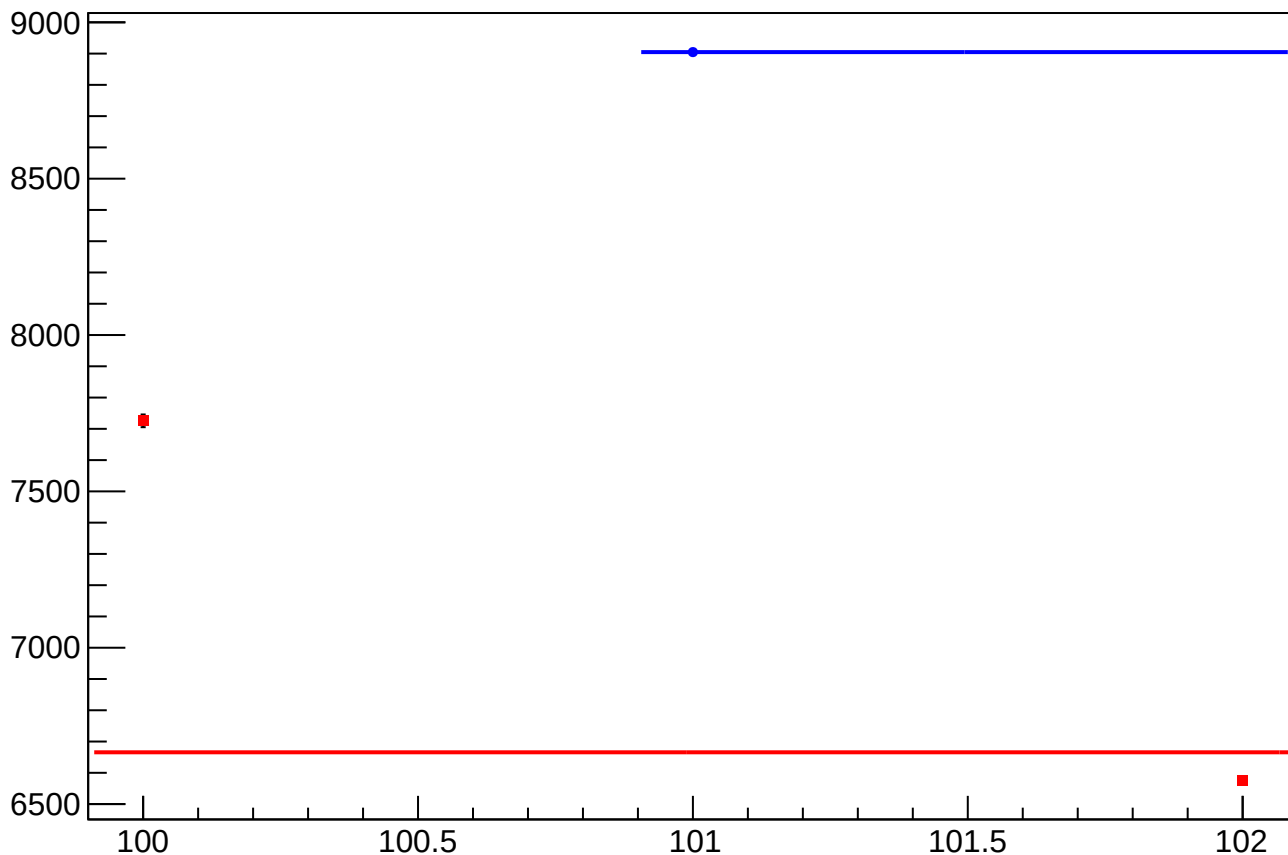
Right: -2887.512+/-6520.920 χ^2/NDF : 2.1/2

In: -6825.445+/-10996.012 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2887.512+/-6520.920 χ^2/NDF : 2.1/2

asym_atl2_reg_correction_rms vs Slug, Sign Corrected



Right In: 8904.764 $\pm$ 7.775 χ^2 /NDF: 0.0/0

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

Right Out: 6665.576 $\pm$ 5.727 χ^2 /NDF: 2959.4/1

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

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

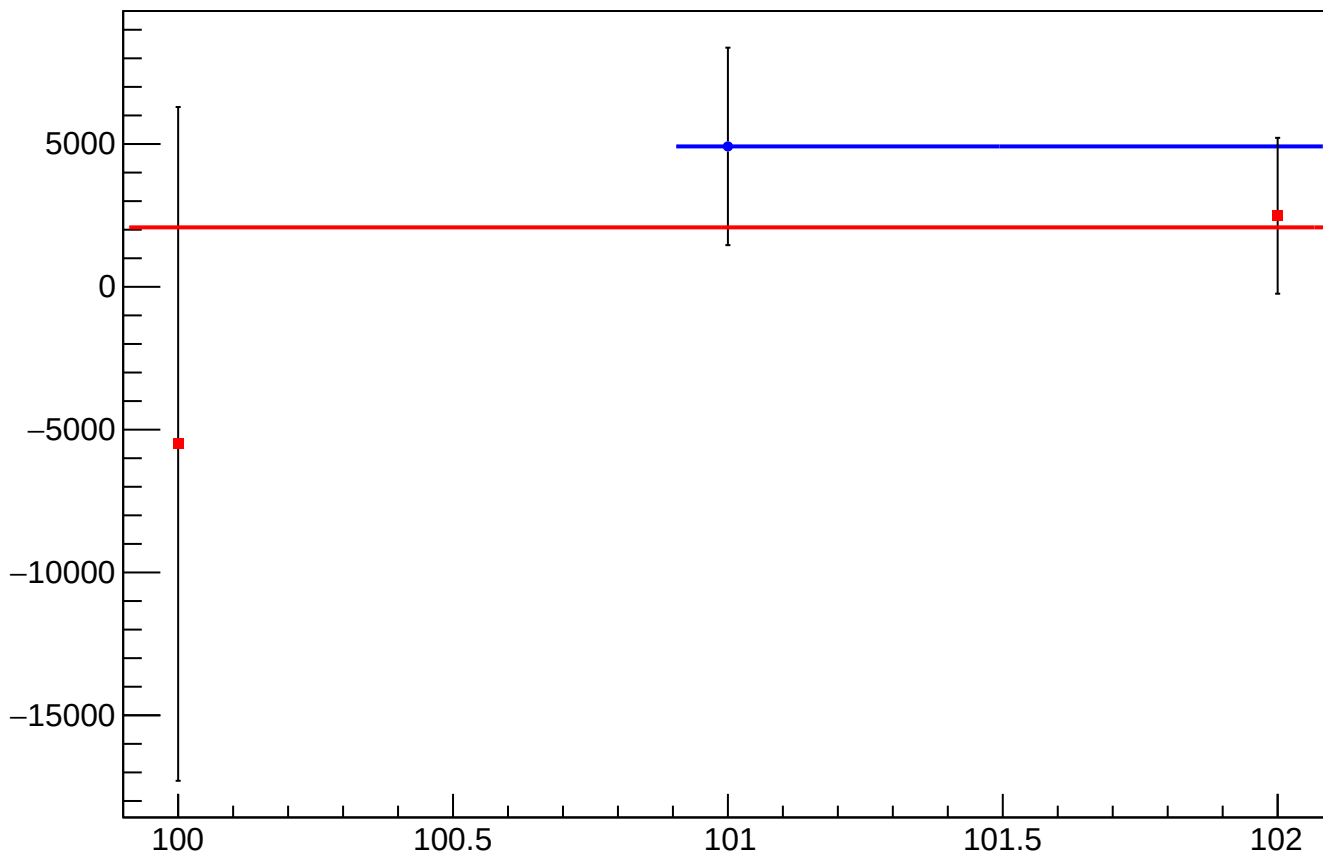
Right: 7453.053 $\pm$ 4.611 χ^2 /NDF: 56728.2/2

In: 8904.764 $\pm$ 7.775 χ^2 /NDF: 0.0/0

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

All: 7453.053 $\pm$ 4.611 χ^2 /NDF: 56728.2/2

cor_asym_atl2_mean vs Slug, Sign Corrected



Right In: 4916.088 $\pm$ 3456.781 χ^2/NDF : 0.0/0

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

Right Out: 2082.003 $\pm$ 2658.196 χ^2/NDF : 0.4/1

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

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

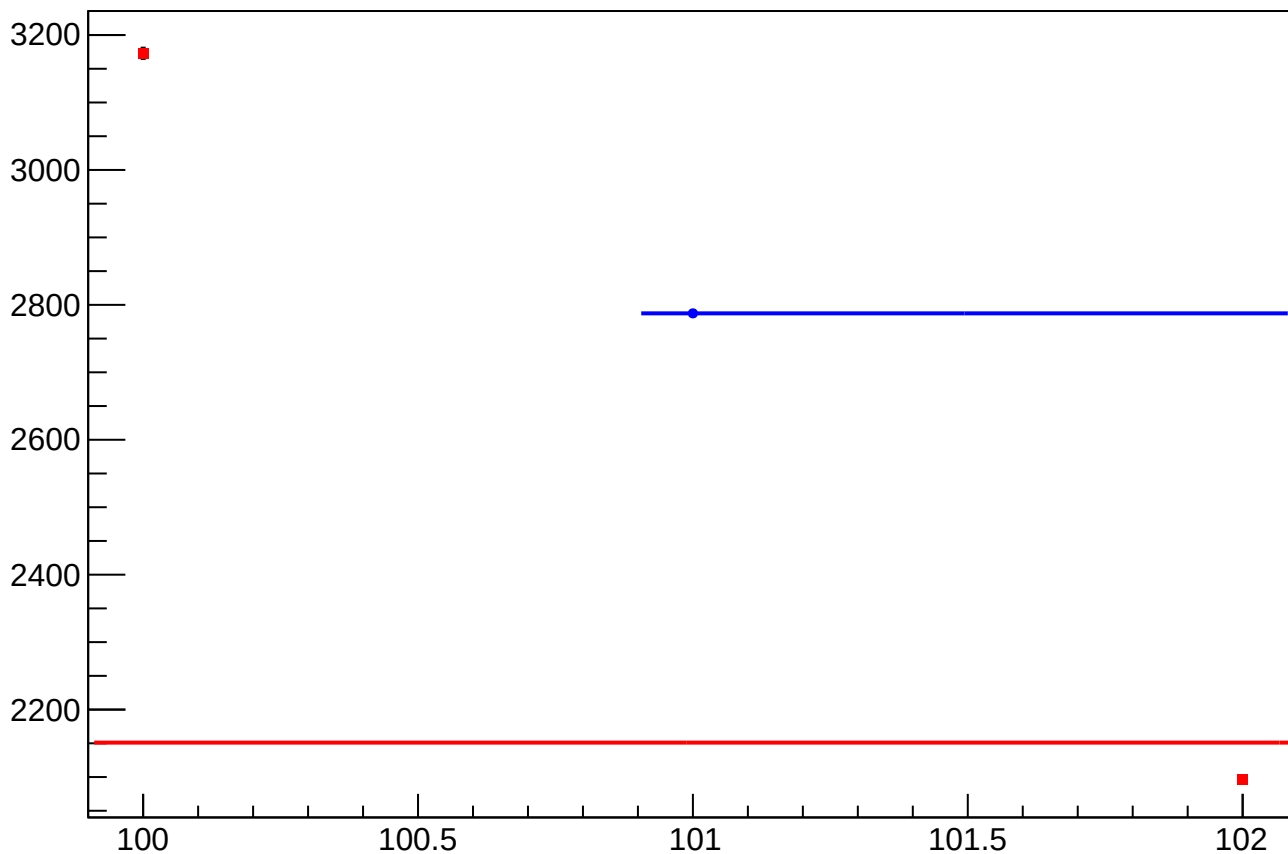
Right: 3135.135 $\pm$ 2107.205 χ^2/NDF : 0.9/2

In: 4916.088 $\pm$ 3456.781 χ^2/NDF : 0.0/0

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

All: 3135.135 $\pm$ 2107.205 χ^2/NDF : 0.9/2

cor_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2787.403+/-2.444 χ^2/NDF : 0.0/0

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

Right Out: 2151.040+/-1.880 χ^2/NDF : 15816.8/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

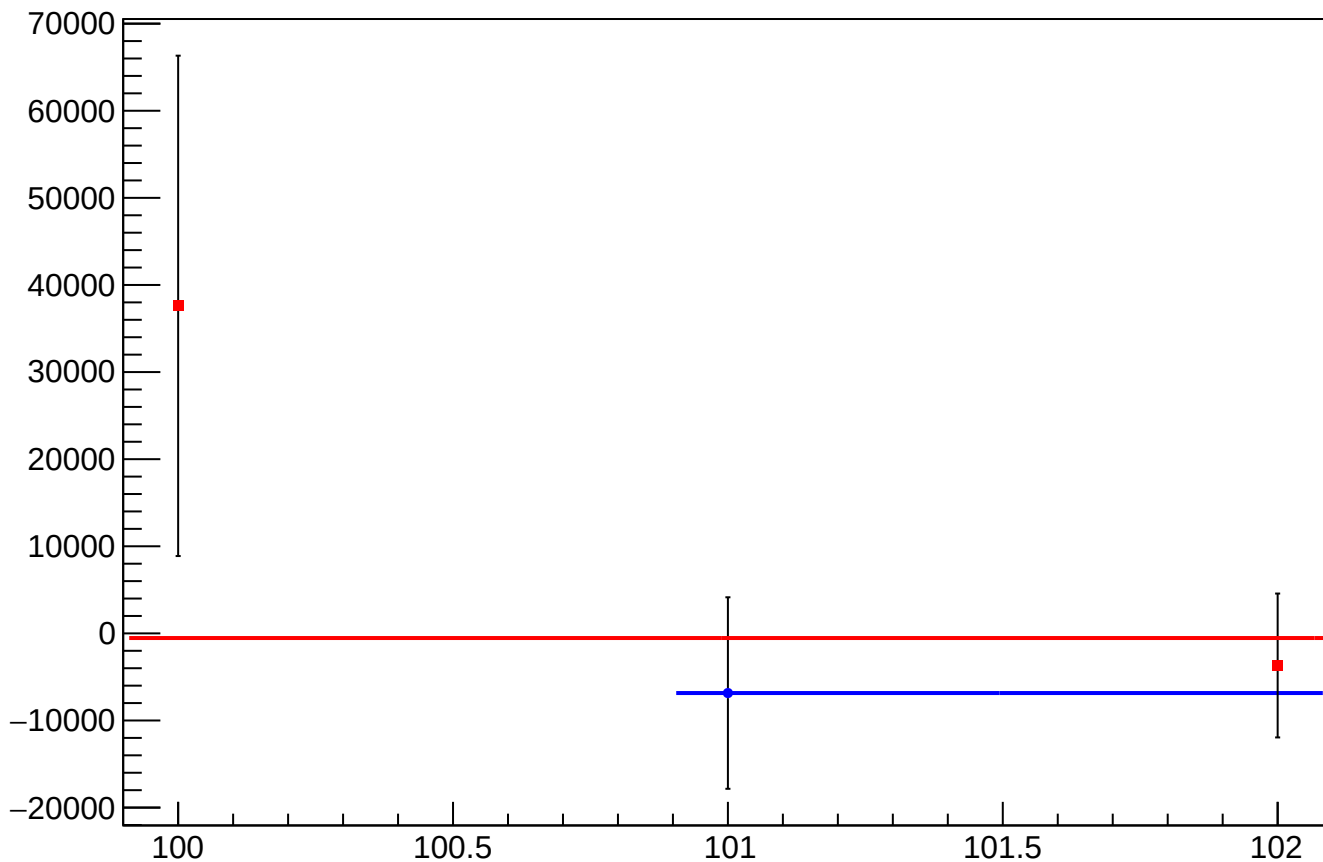
Right: 2387.509+/-1.490 χ^2/NDF : 58409.5/2

In: 2787.403+/-2.444 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2387.509+/-1.490 χ^2/NDF : 58409.5/2

asym_atl2_cor_correction_mean vs Slug, Sign Corrected



Right In: -6848.677+/-10993.578 χ^2/NDF : 0.0/0

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

Right Out: -533.162+/-7937.729 χ^2/NDF : 1.9/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

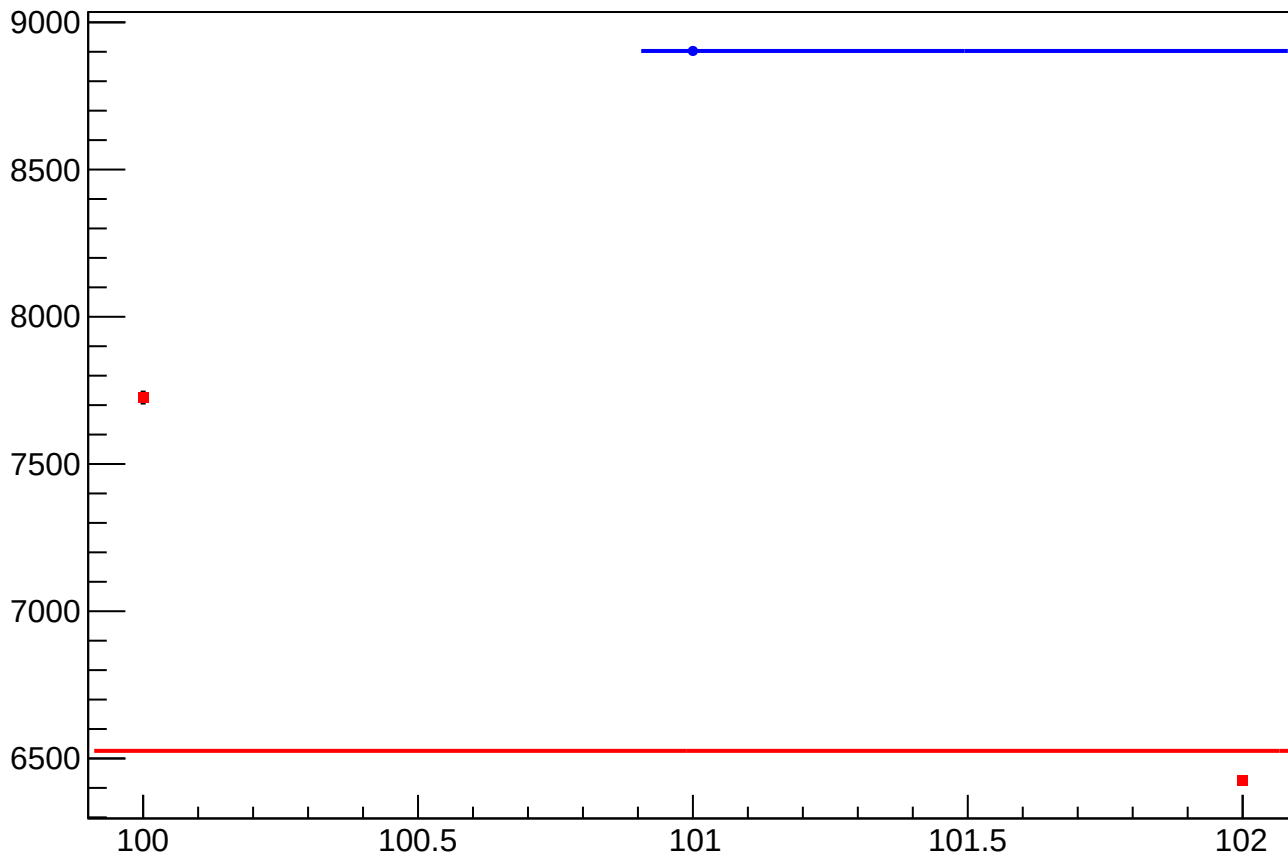
Right: -2697.371+/-6435.529 χ^2/NDF : 2.1/2

In: -6848.677+/-10993.578 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2697.371+/-6435.529 χ^2/NDF : 2.1/2

asym_atl2_cor_correction_rms vs Slug, Sign Corrected



Right In: 8902.778 $\pm$ 7.774 χ^2 /NDF: 0.0/0

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

Right Out: 6525.793 $\pm$ 5.613 χ^2 /NDF: 3778.5/1

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

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

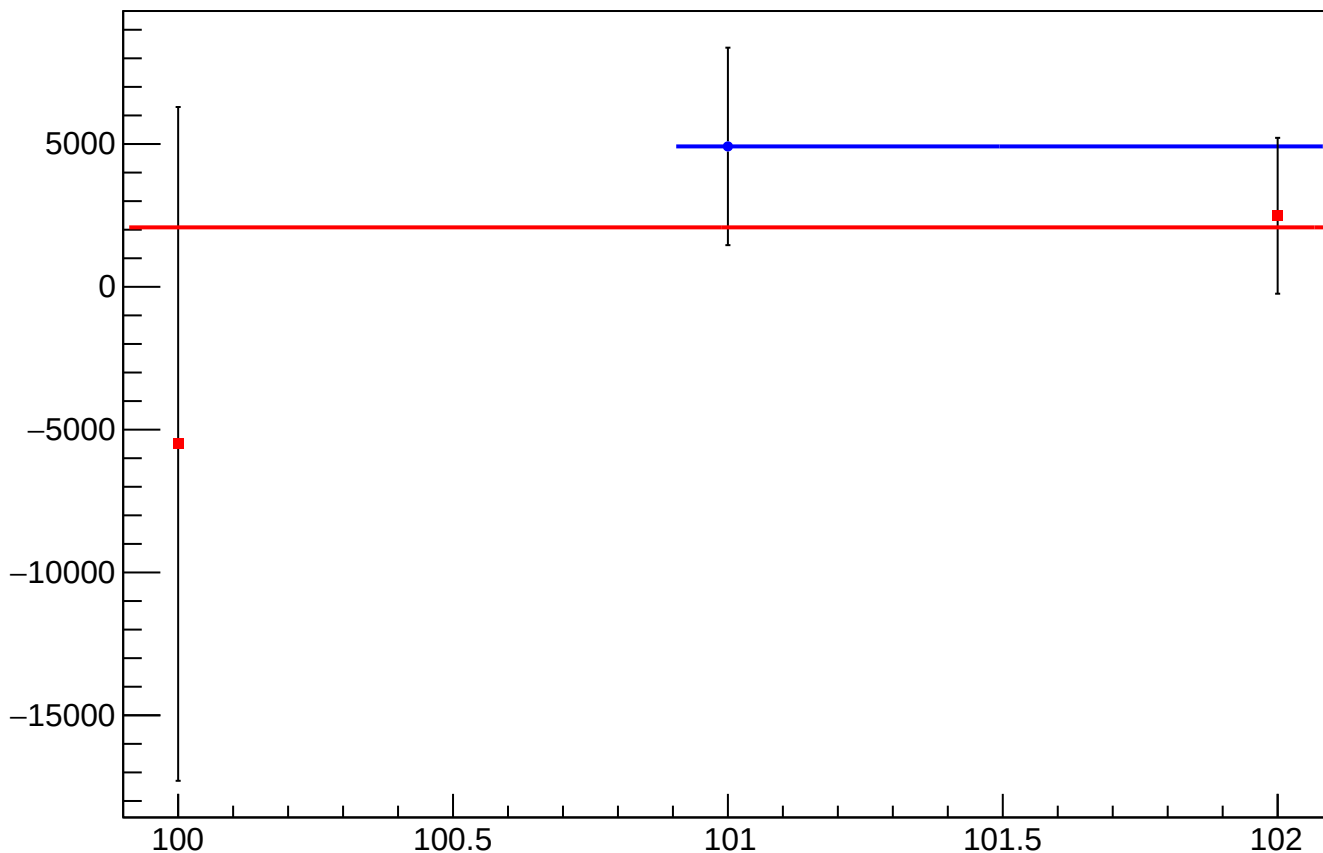
Right: 7340.341 $\pm$ 4.551 χ^2 /NDF: 65236.8/2

In: 8902.778 $\pm$ 7.774 χ^2 /NDF: 0.0/0

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

All: 7340.341 $\pm$ 4.551 χ^2 /NDF: 65236.8/2

eigen_cor_asym_atl2_mean vs Slug, Sign Corrected



Right In: 4916.088+/-3456.781 χ^2/NDF : 0.0/0

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

Right Out: 2082.003+/-2658.196 χ^2/NDF : 0.4/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

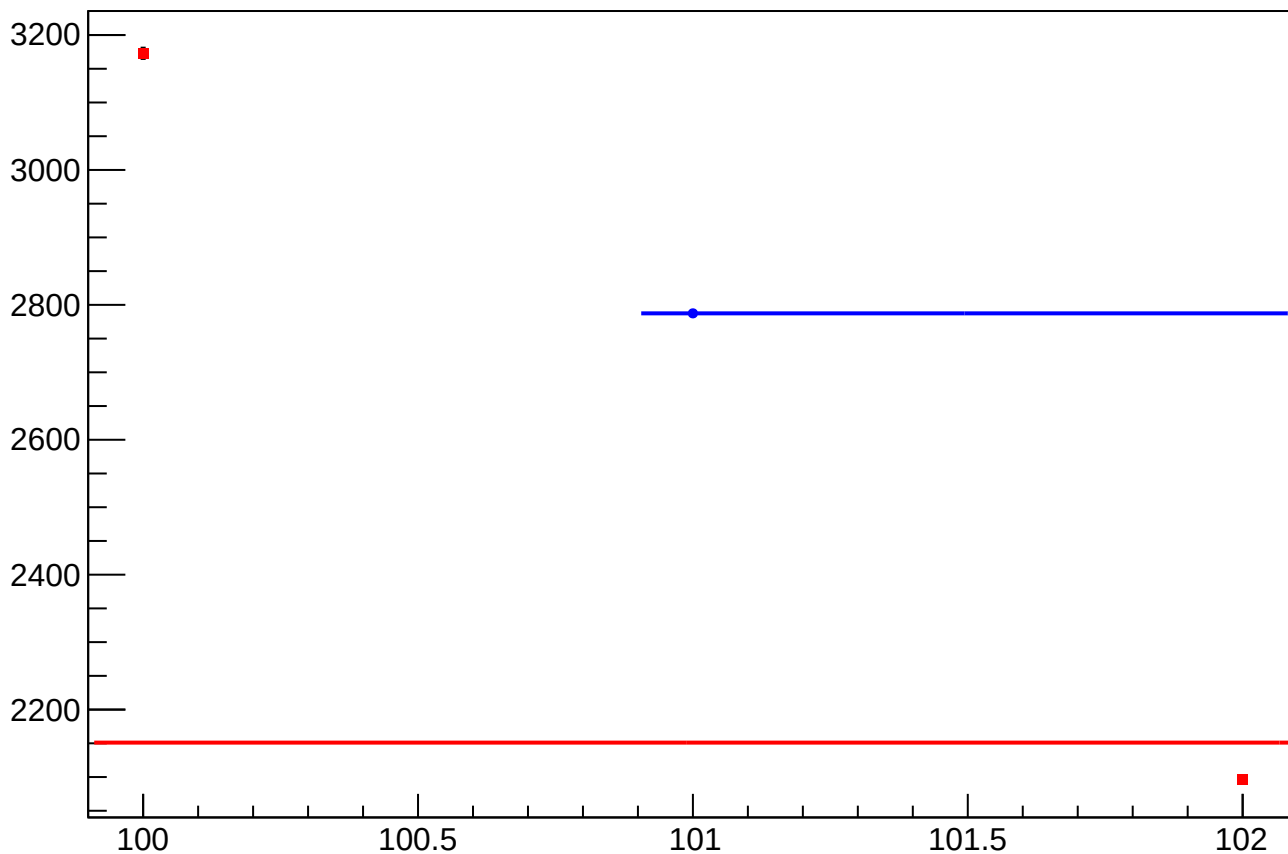
Right: 3135.135+/-2107.205 χ^2/NDF : 0.9/2

In: 4916.088+/-3456.781 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3135.135+/-2107.205 χ^2/NDF : 0.9/2

eigen_cor_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2787.403 $\pm$ 2.444 χ^2 /NDF: 0.0/0

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

Right Out: 2151.040 $\pm$ 1.880 χ^2 /NDF: 15816.8/1

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

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

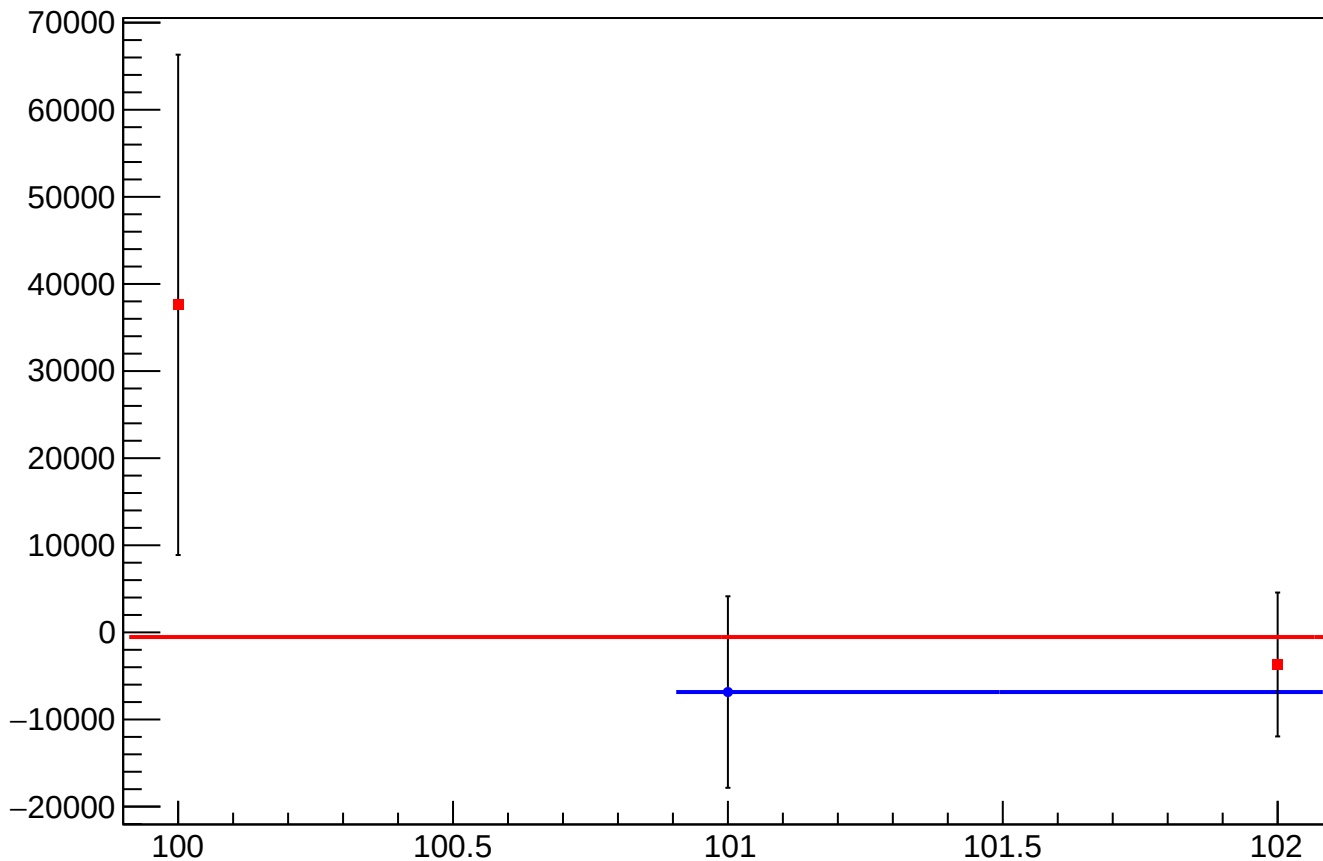
Right: 2387.509 $\pm$ 1.490 χ^2 /NDF: 58409.5/2

In: 2787.403 $\pm$ 2.444 χ^2 /NDF: 0.0/0

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

All: 2387.509 $\pm$ 1.490 χ^2 /NDF: 58409.5/2

asym_atl2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -6848.677+/-10993.578 χ^2/NDF : 0.0/0

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

Right Out: -533.162+/-7937.729 χ^2/NDF : 1.9/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

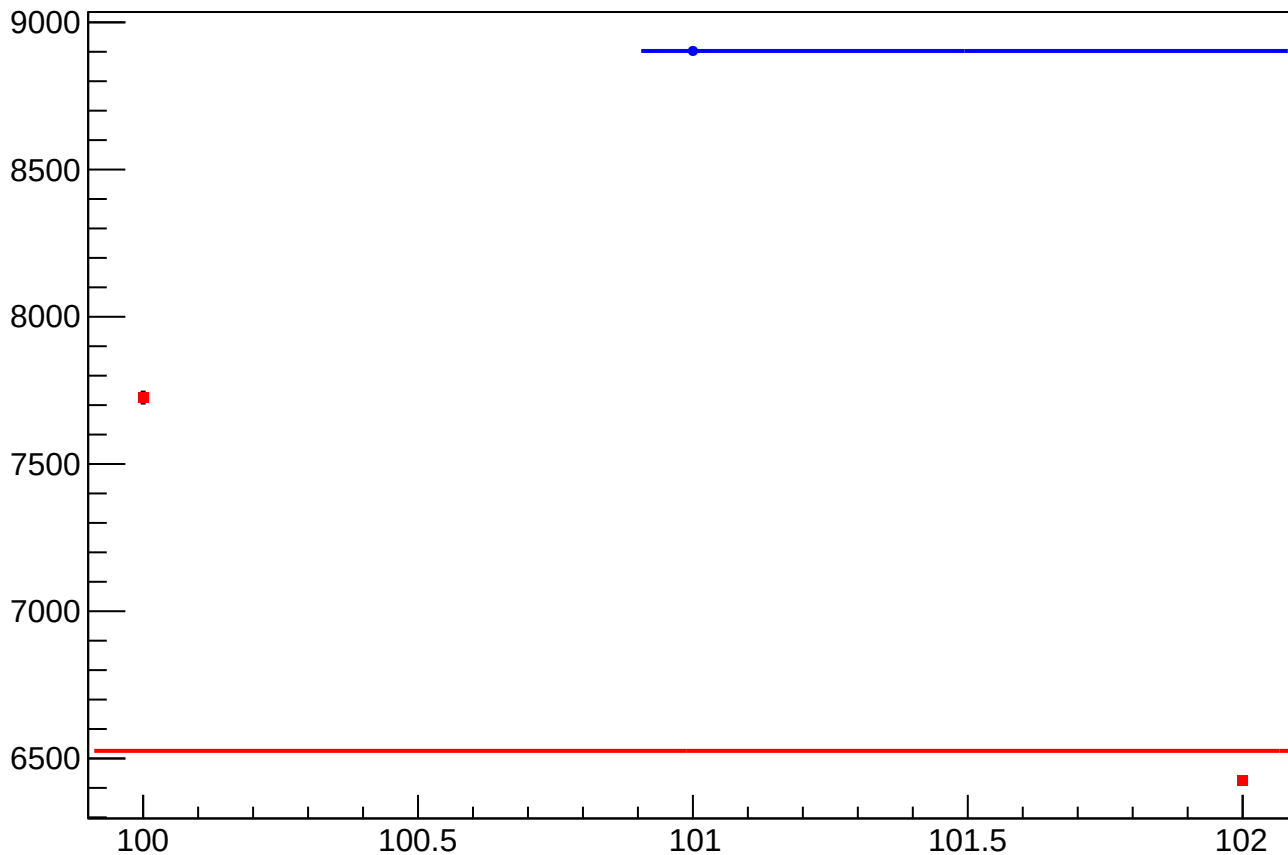
Right: -2697.371+/-6435.529 χ^2/NDF : 2.1/2

In: -6848.677+/-10993.578 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2697.371+/-6435.529 χ^2/NDF : 2.1/2

asym_atl2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 8902.778+/-7.774 χ^2/NDF : 0.0/0

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

Right Out: 6525.793+/-5.613 χ^2/NDF : 3778.5/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

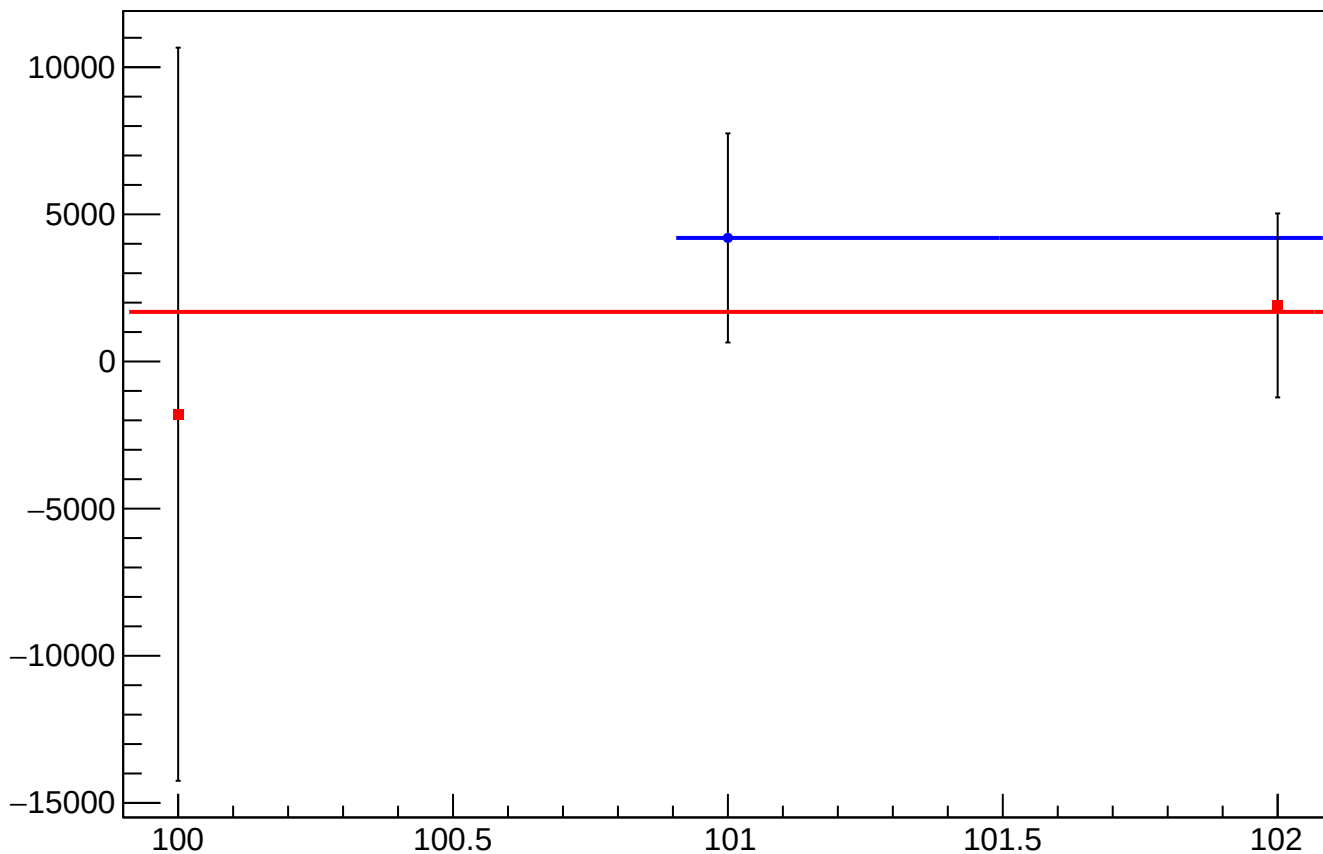
Right: 7340.341+/-4.551 χ^2/NDF : 65236.8/2

In: 8902.778+/-7.774 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7340.341+/-4.551 χ^2/NDF : 65236.8/2

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 4198.769+/-3552.315 χ^2/NDF : 0.0/0

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

Right Out: 1686.062+/-3031.882 χ^2/NDF : 0.1/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

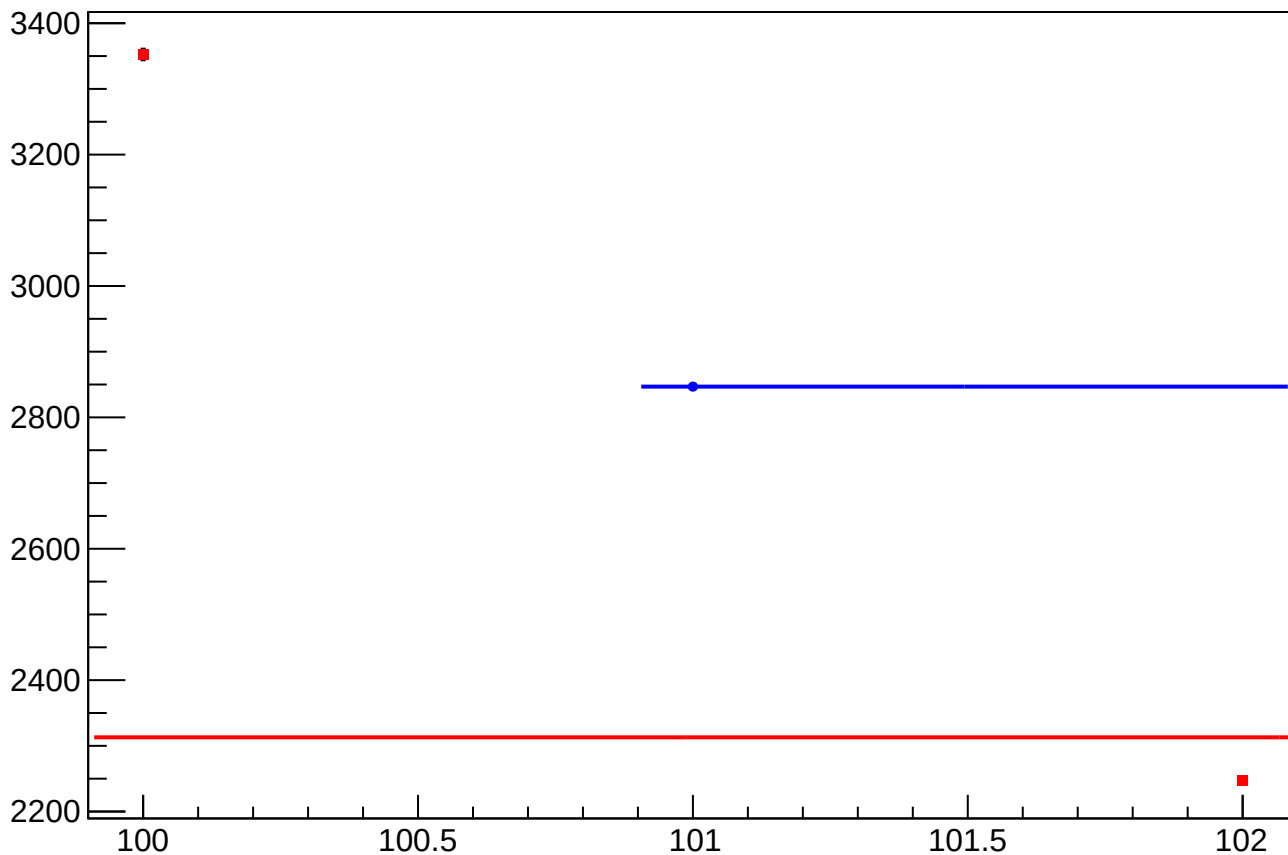
Right: 2745.037+/-2306.129 χ^2/NDF : 0.4/2

In: 4198.769+/-3552.315 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2745.037+/-2306.129 χ^2/NDF : 0.4/2

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2846.816 $\pm$ 2.512 χ^2 /NDF: 0.0/0

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

Right Out: 2312.940 $\pm$ 2.144 χ^2 /NDF: 14806.3/1

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

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

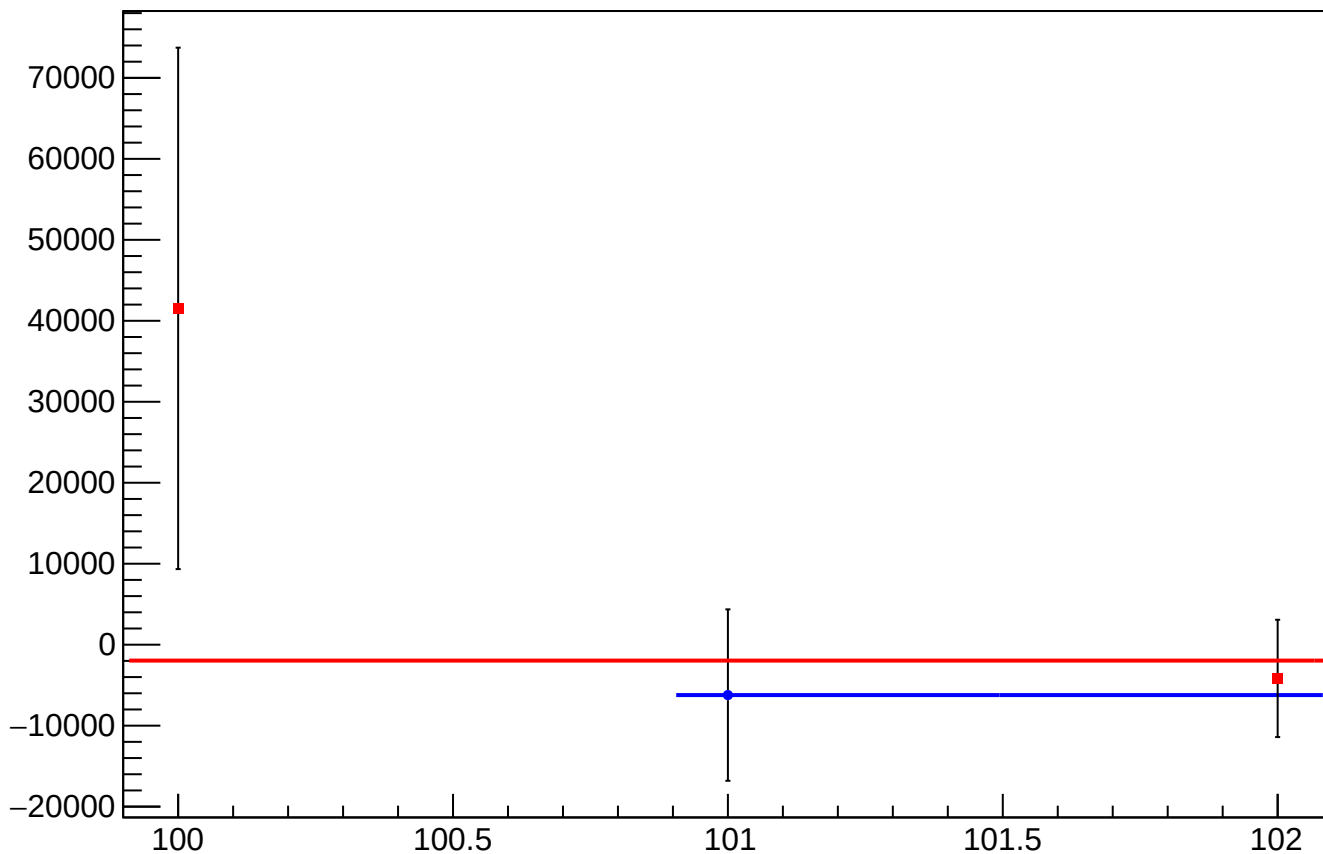
Right: 2537.941 $\pm$ 1.631 χ^2 /NDF: 40941.8/2

In: 2846.816 $\pm$ 2.512 χ^2 /NDF: 0.0/0

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

All: 2537.941 $\pm$ 1.631 χ^2 /NDF: 40941.8/2

asym_atl2_dit_correction_mean vs Slug, Sign Corrected



Right In: -6222.230+/-10586.912 χ^2/NDF : 0.0/0

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

Right Out: -1963.271+/-7067.480 χ^2/NDF : 1.9/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

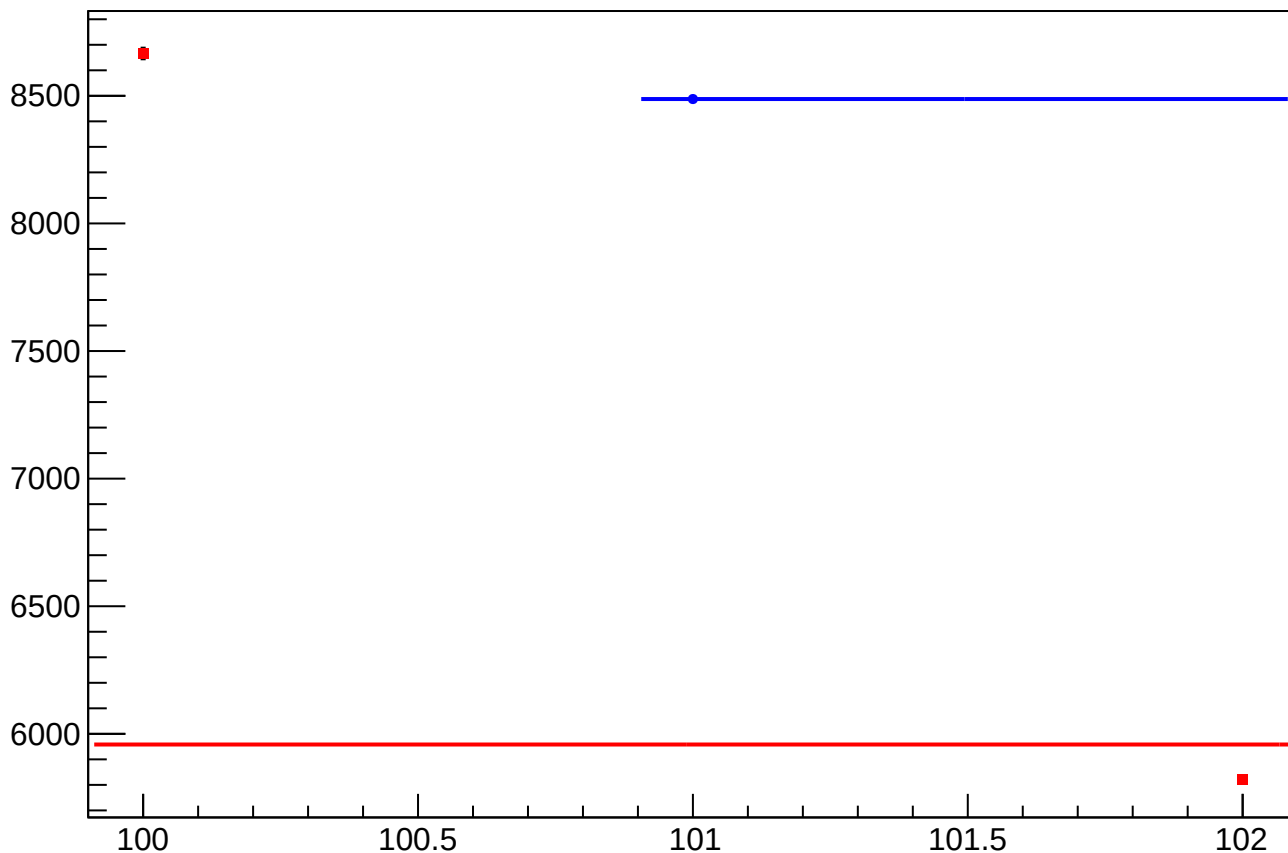
Right: -3276.172+/-5878.053 χ^2/NDF : 2.0/2

In: -6222.230+/-10586.912 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3276.172+/-5878.053 χ^2/NDF : 2.0/2

asym_atl2_dit_correction_rms vs Slug, Sign Corrected



Right In: 8487.415+/-7.486 χ^2/NDF : 0.0/0

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

Right Out: 5958.198+/-4.997 χ^2/NDF : 14861.1/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

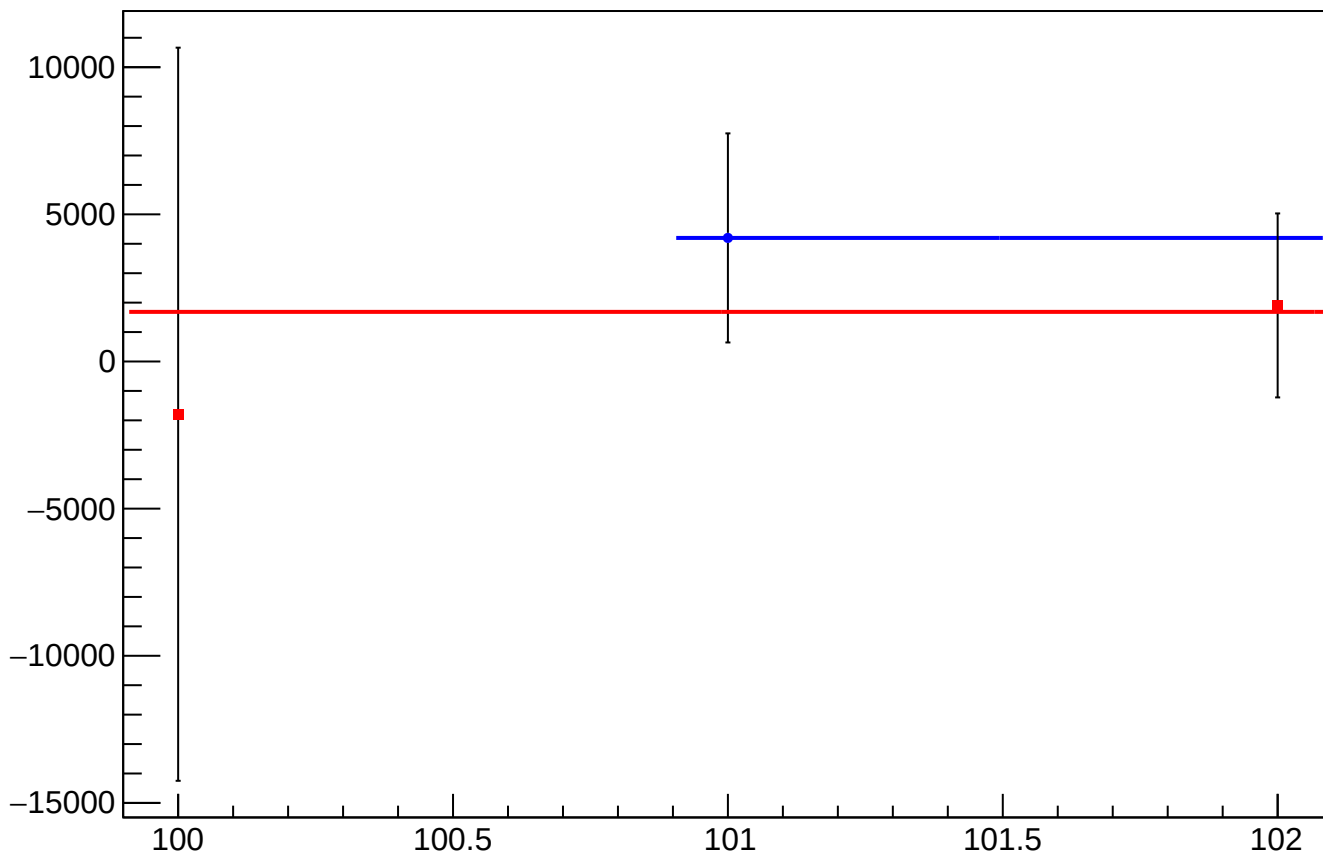
Right: 6737.875+/-4.156 χ^2/NDF : 93820.0/2

In: 8487.415+/-7.486 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6737.875+/-4.156 χ^2/NDF : 93820.0/2

eigen_dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 4198.765+/-3552.315 χ^2/NDF : 0.0/0

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

Right Out: 1686.087+/-3031.882 χ^2/NDF : 0.1/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

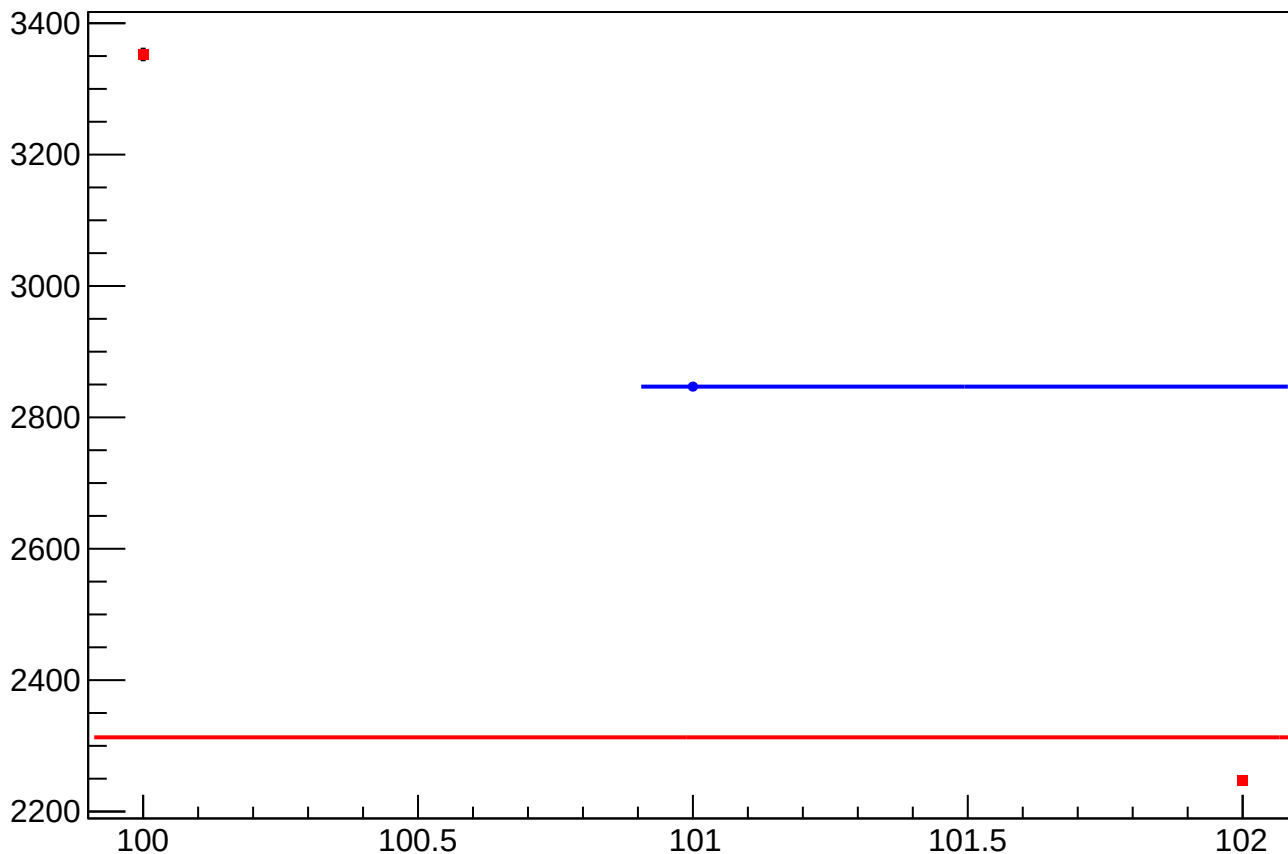
Right: 2745.050+/-2306.128 χ^2/NDF : 0.4/2

In: 4198.765+/-3552.315 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2745.050+/-2306.128 χ^2/NDF : 0.4/2

eigen_dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2846.816 $\pm$ 2.512 χ^2 /NDF: 0.0/0

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

Right Out: 2312.940 $\pm$ 2.144 χ^2 /NDF: 14806.2/1

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

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

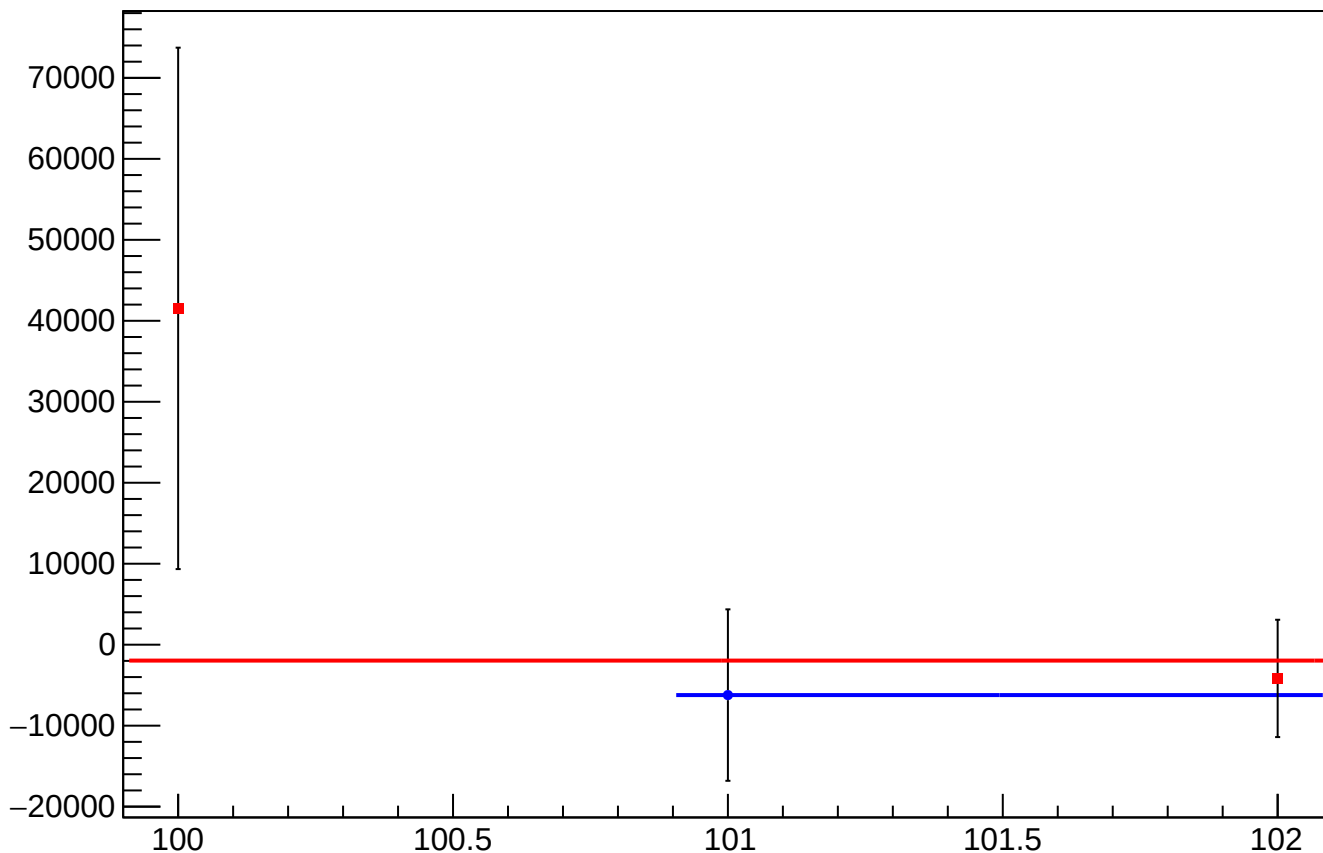
Right: 2537.941 $\pm$ 1.631 χ^2 /NDF: 40941.7/2

In: 2846.816 $\pm$ 2.512 χ^2 /NDF: 0.0/0

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

All: 2537.941 $\pm$ 1.631 χ^2 /NDF: 40941.7/2

asym_atl2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -6222.231+/-10586.897 χ^2/NDF : 0.0/0

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

Right Out: -1963.269+/-7067.480 χ^2/NDF : 1.9/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

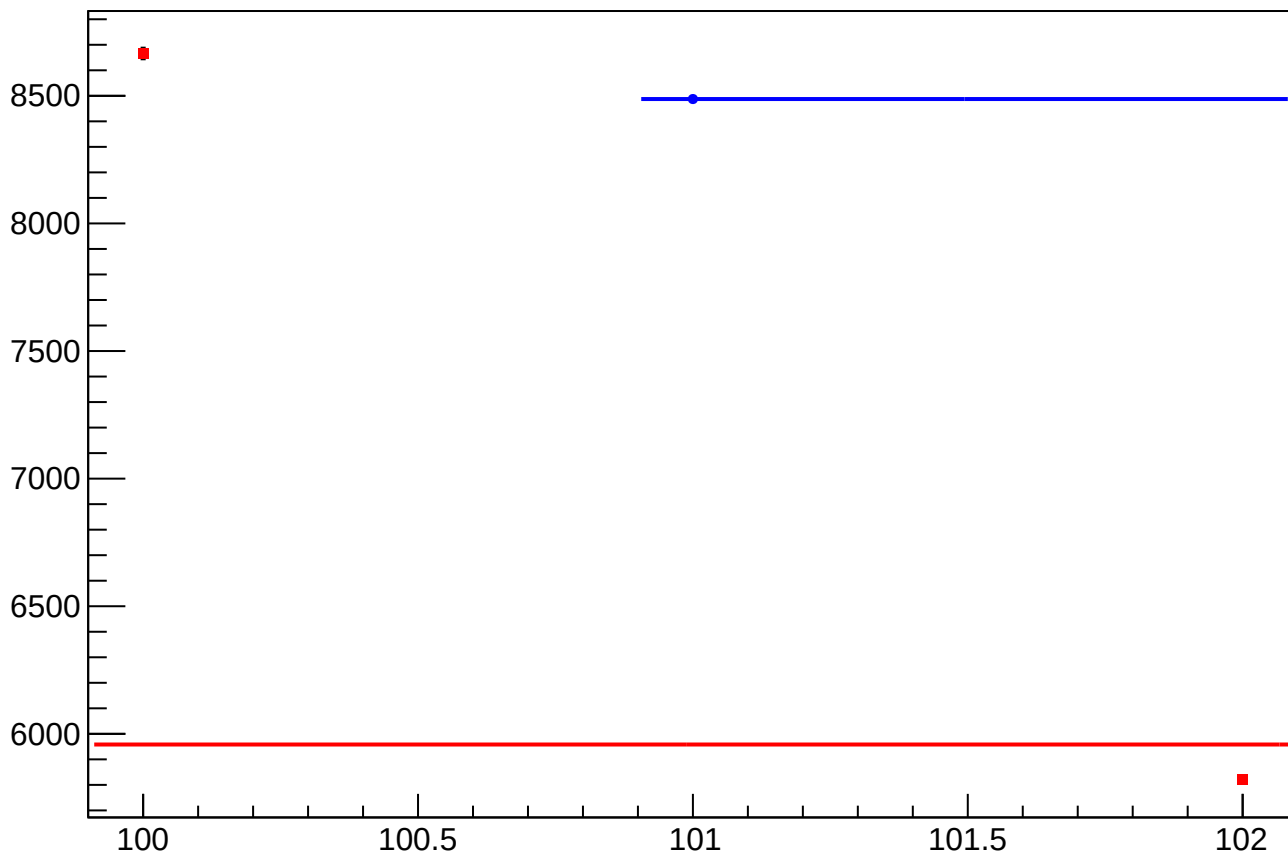
Right: -3276.173+/-5878.051 χ^2/NDF : 2.0/2

In: -6222.231+/-10586.897 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3276.173+/-5878.051 χ^2/NDF : 2.0/2

asym_atl2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 8487.404+/-7.486 χ^2/NDF : 0.0/0

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

Right Out: 5958.199+/-4.997 χ^2/NDF : 14861.0/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

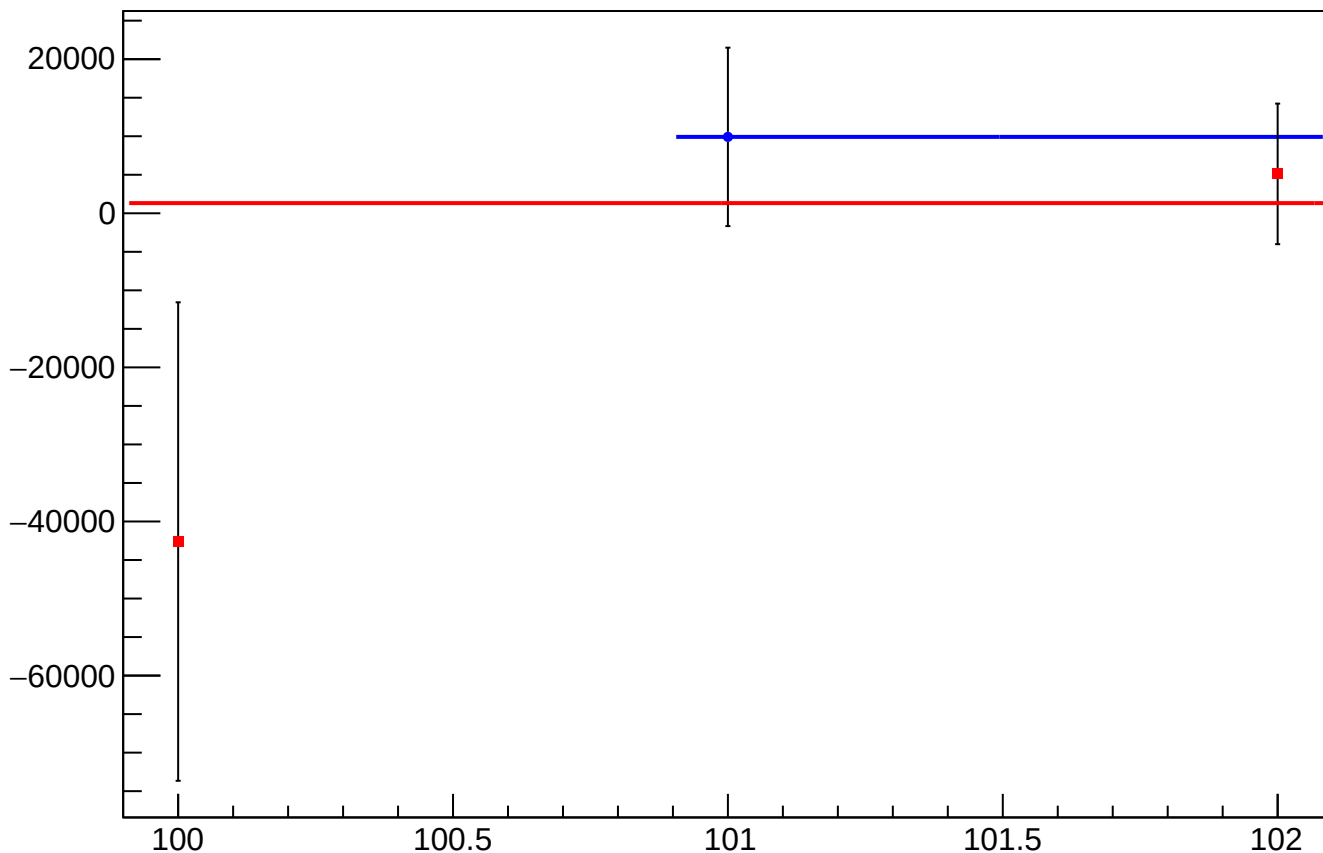
Right: 6737.873+/-4.156 χ^2/NDF : 93819.4/2

In: 8487.404+/-7.486 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6737.873+/-4.156 χ^2/NDF : 93819.4/2

asym_atl2_mean vs Slug, Sign Corrected



Right In: 9916.227+/-11578.624 χ^2/NDF : 0.0/0

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

Right Out: 1321.970+/-8751.610 χ^2/NDF : 2.2/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

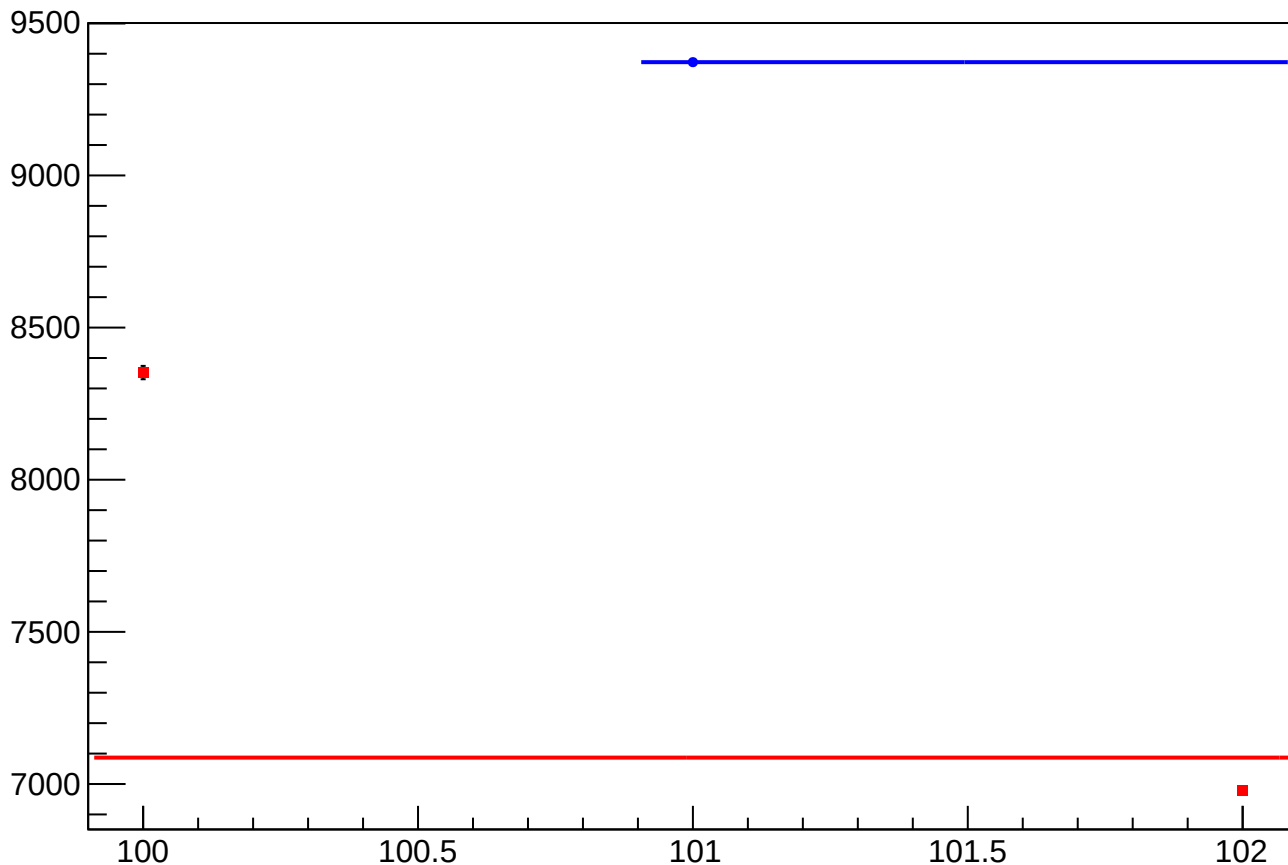
Right: 4446.697+/-6981.662 χ^2/NDF : 2.5/2

In: 9916.227+/-11578.624 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4446.697+/-6981.662 χ^2/NDF : 2.5/2

asym_atl2_rms vs Slug, Sign Corrected



Right In: 9372.290 $\pm$ 8.187 χ^2 /NDF: 0.0/0

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

Right Out: 7086.760 $\pm$ 6.188 χ^2 /NDF: 3608.1/1

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

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

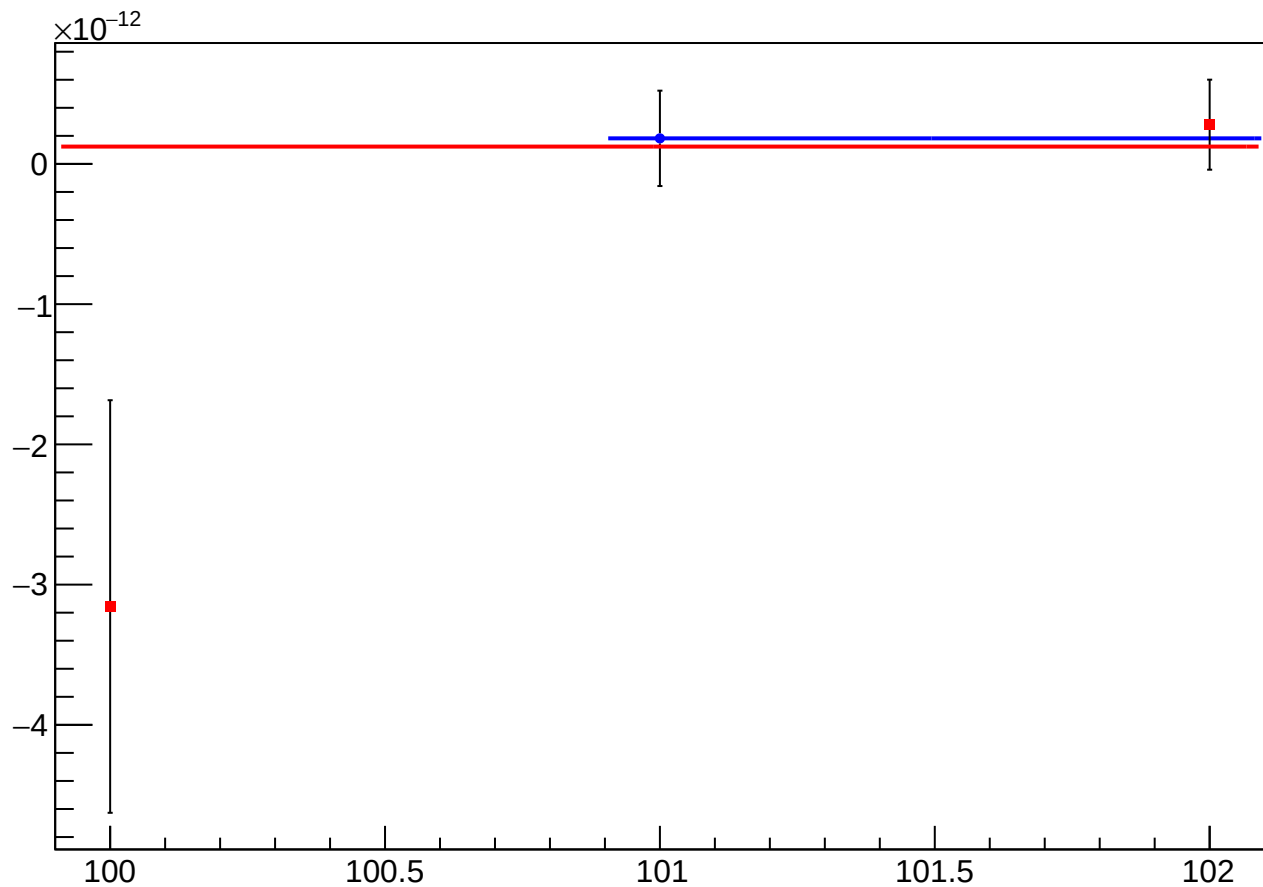
Right: 7917.732 $\pm$ 4.937 χ^2 /NDF: 53202.7/2

In: 9372.290 $\pm$ 8.187 χ^2 /NDF: 0.0/0

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

All: 7917.732 $\pm$ 4.937 χ^2 /NDF: 53202.7/2

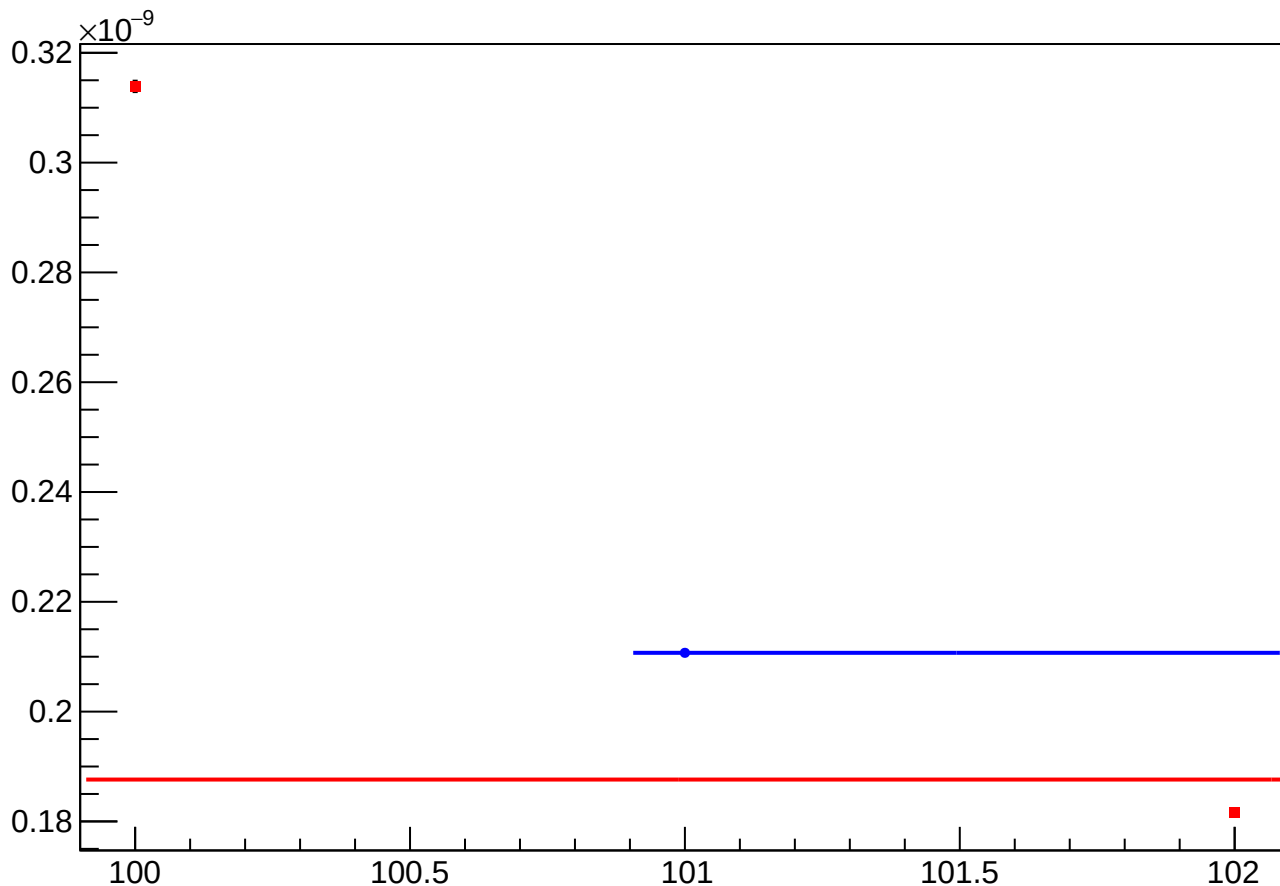
asym_atl2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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: 5.2/1
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 0.000+/-0.000 χ^2 /NDF: 5.2/2
 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: 5.2/2

asym_atl2_reg_vs_cor_diff_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 : 15436.1/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

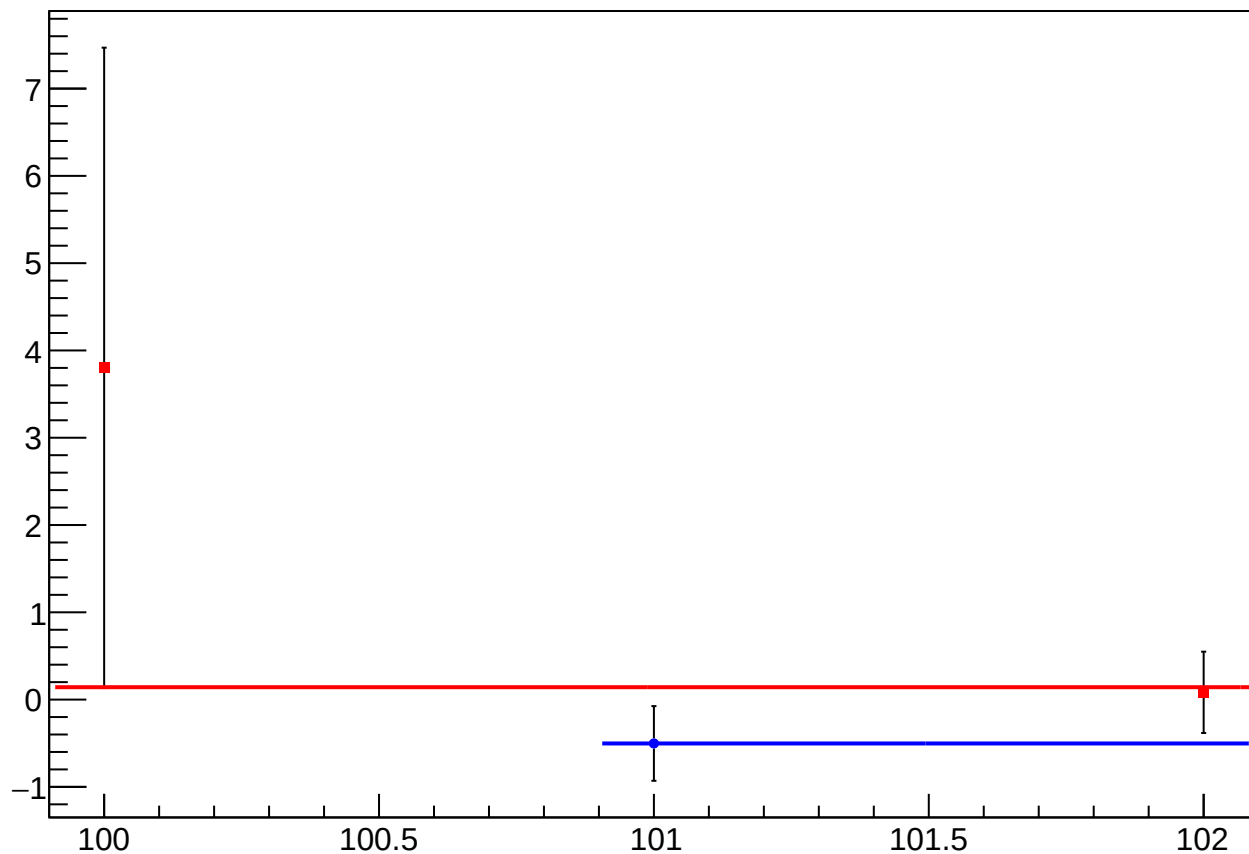
Right: 0.000+/-0.000 χ^2/NDF : 20416.8/2

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 : 20416.8/2

asym_atl2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.503+/-0.428 χ^2/NDF : 0.0/0

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

Right Out: 0.142+/-0.462 χ^2/NDF : 1.0/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

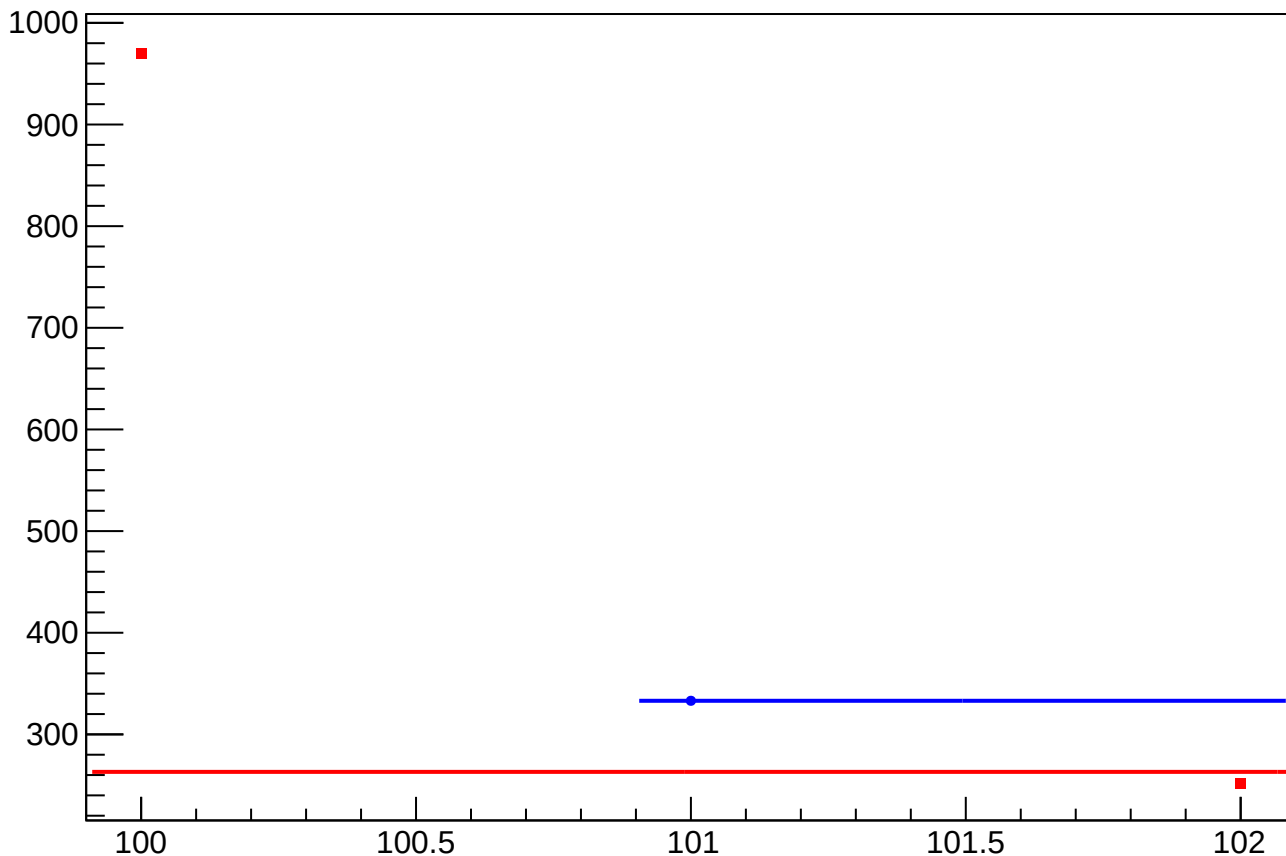
Right: -0.205+/-0.314 χ^2/NDF : 2.1/2

In: -0.503+/-0.428 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.205+/-0.314 χ^2/NDF : 2.1/2

asym_atl2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 333.058+/-0.303 χ^2/NDF : 0.0/0

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

Right Out: 263.124+/-0.327 χ^2/NDF : 75472.5/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

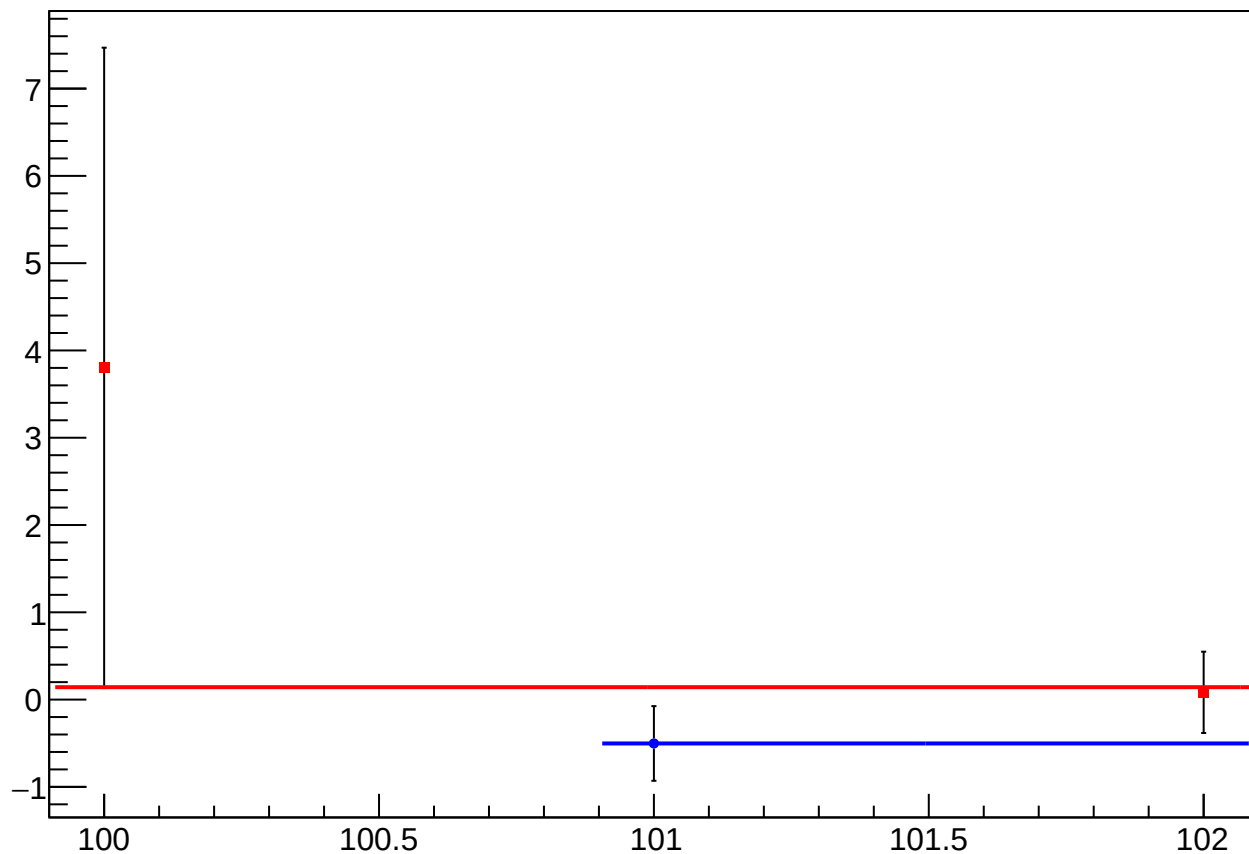
Right: 300.787+/-0.222 χ^2/NDF : 100134.3/2

In: 333.058+/-0.303 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 300.787+/-0.222 χ^2/NDF : 100134.3/2

asym_atl2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.503 ± 0.428 $\chi^2/\text{NDF}: 0.0/0$

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

Right Out: 0.142 ± 0.462 $\chi^2/\text{NDF}: 1.0/1$

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

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

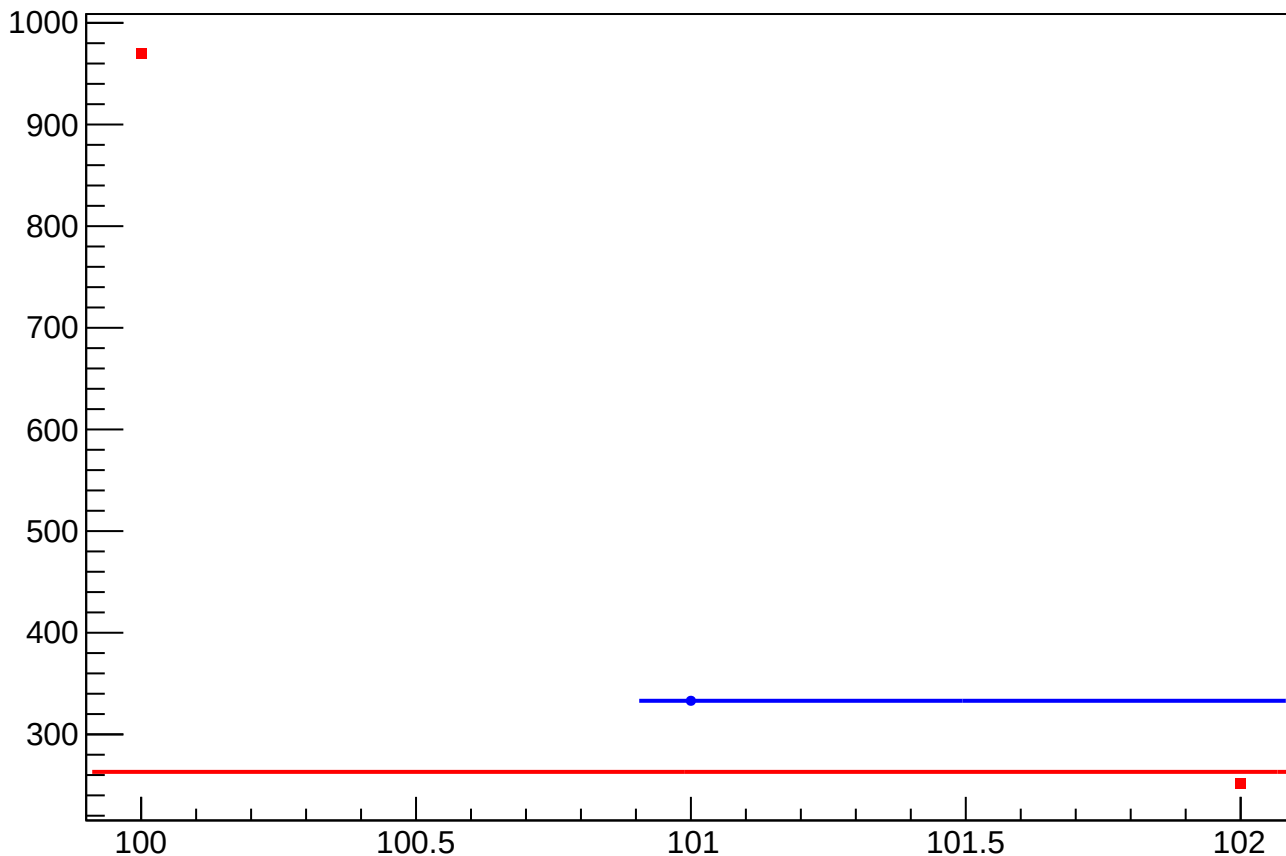
Right: -0.205 ± 0.314 $\chi^2/\text{NDF}: 2.1/2$

In: -0.503 ± 0.428 $\chi^2/\text{NDF}: 0.0/0$

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

All: -0.205 ± 0.314 $\chi^2/\text{NDF}: 2.1/2$

asym_atl2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 333.058 $\pm$ 0.303 χ^2 /NDF: 0.0/0

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

Right Out: 263.124 $\pm$ 0.327 χ^2 /NDF: 75472.5/1

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

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

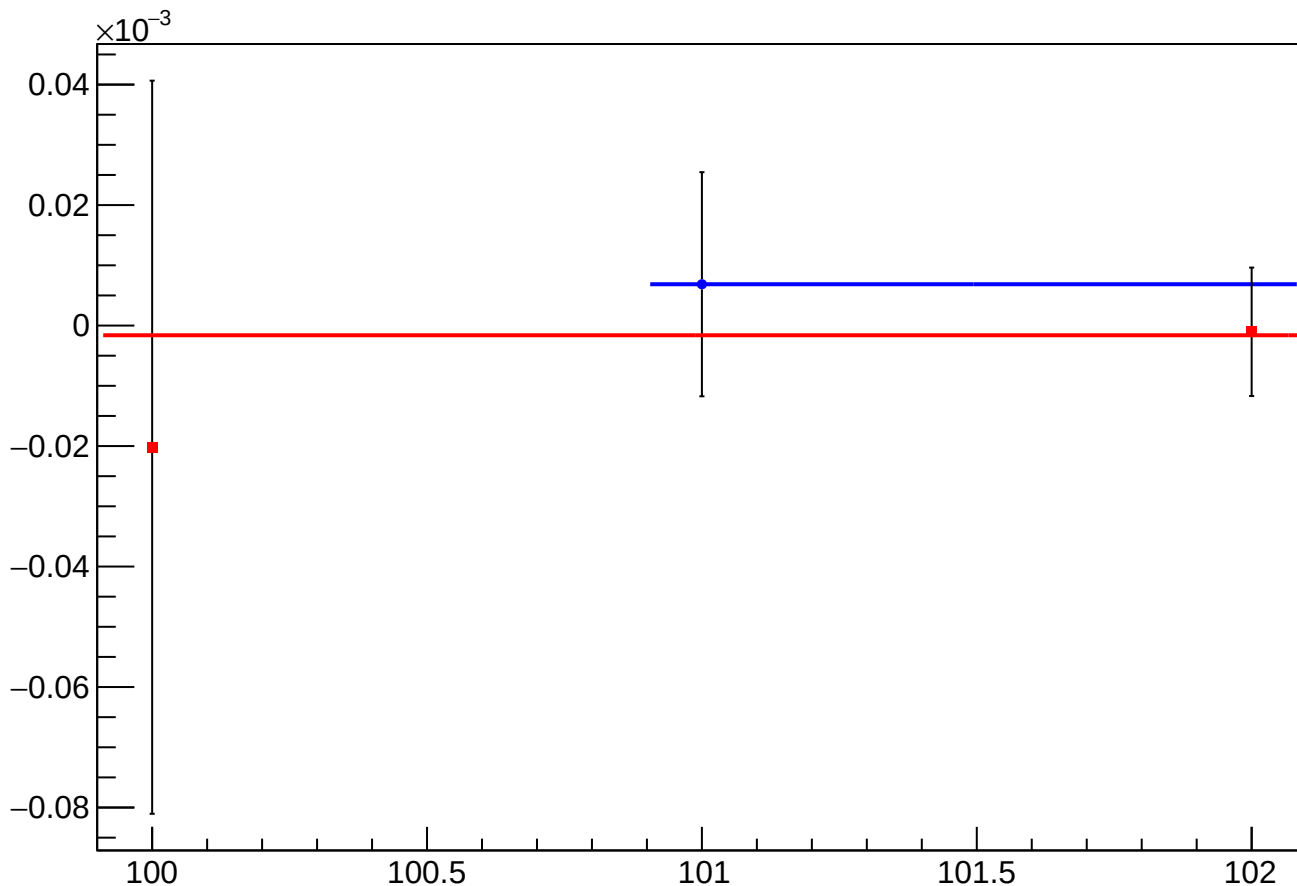
Right: 300.787 $\pm$ 0.222 χ^2 /NDF: 100134.3/2

In: 333.058 $\pm$ 0.303 χ^2 /NDF: 0.0/0

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

All: 300.787 $\pm$ 0.222 χ^2 /NDF: 100134.3/2

asym_atl2_eigen_dit_vs_dit_diff_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 : 0.1/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

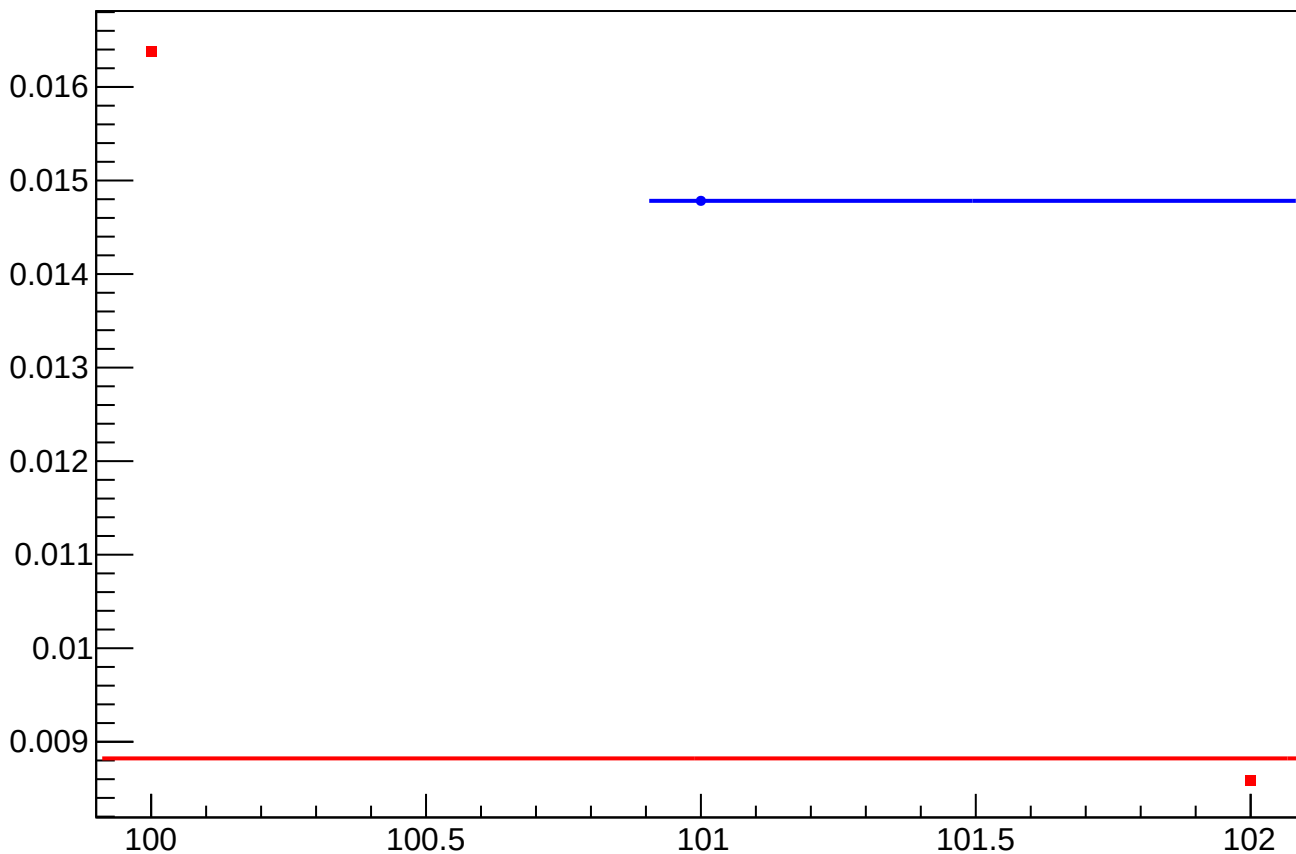
Right: 0.000+/-0.000 χ^2/NDF : 0.3/2

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 : 0.3/2

asym_atl2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.009+/-0.000 χ^2/NDF : 31778.4/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

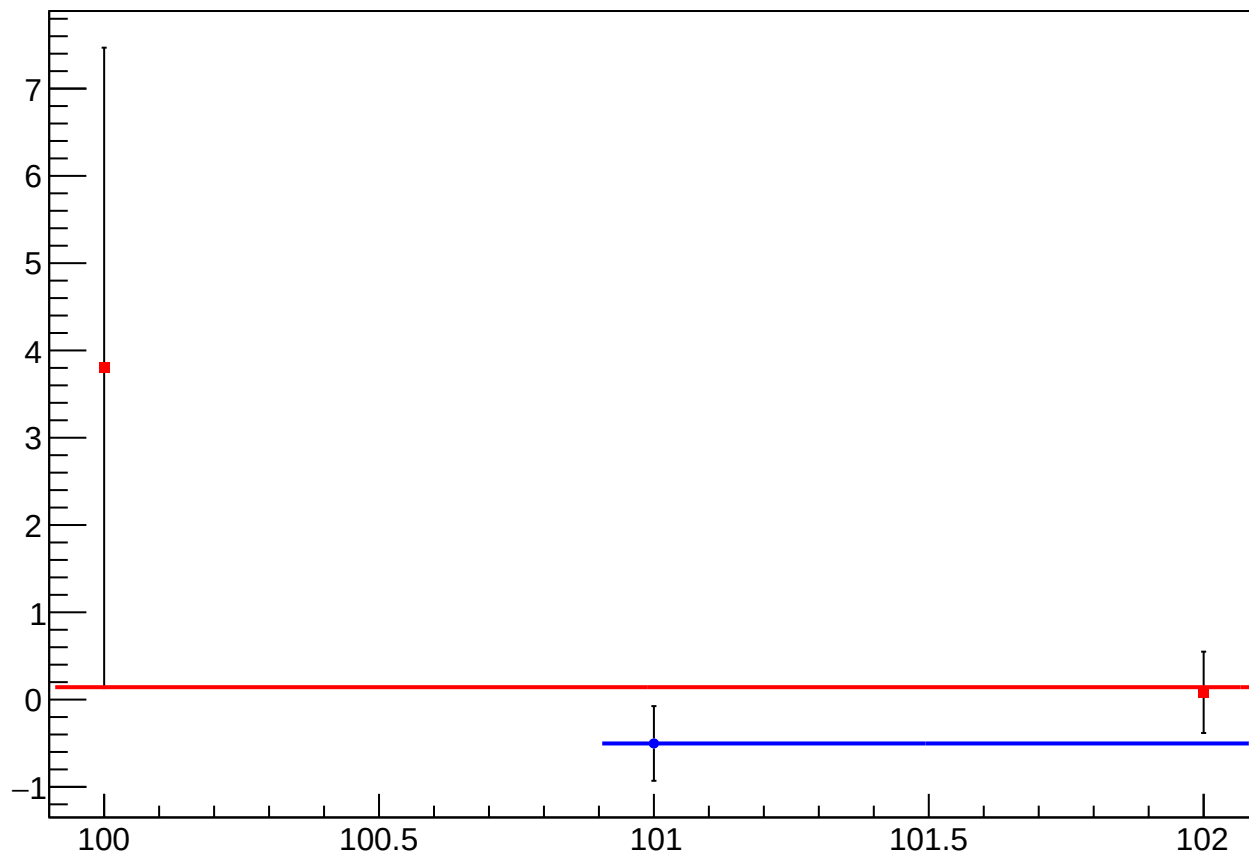
Right: 0.010+/-0.000 χ^2/NDF : 187503.3/2

In: 0.015+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 187503.3/2

asym_atl2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.503+/-0.428 χ^2/NDF : 0.0/0

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

Right Out: 0.142+/-0.462 χ^2/NDF : 1.0/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

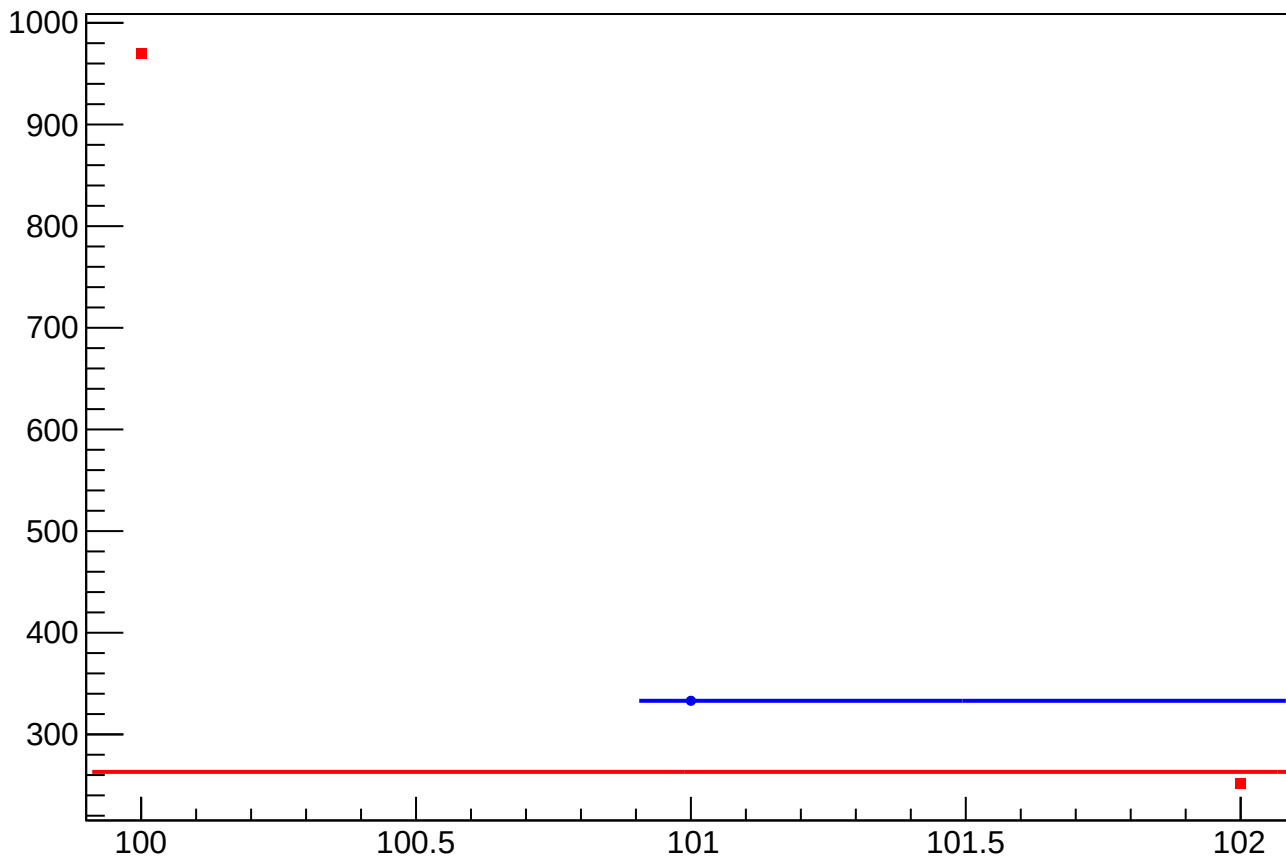
Right: -0.205+/-0.314 χ^2/NDF : 2.1/2

In: -0.503+/-0.428 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.205+/-0.314 χ^2/NDF : 2.1/2

asym_atl2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 333.051+/-0.303 χ^2/NDF : 0.0/0

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

Right Out: 263.127+/-0.327 χ^2/NDF : 75471.2/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

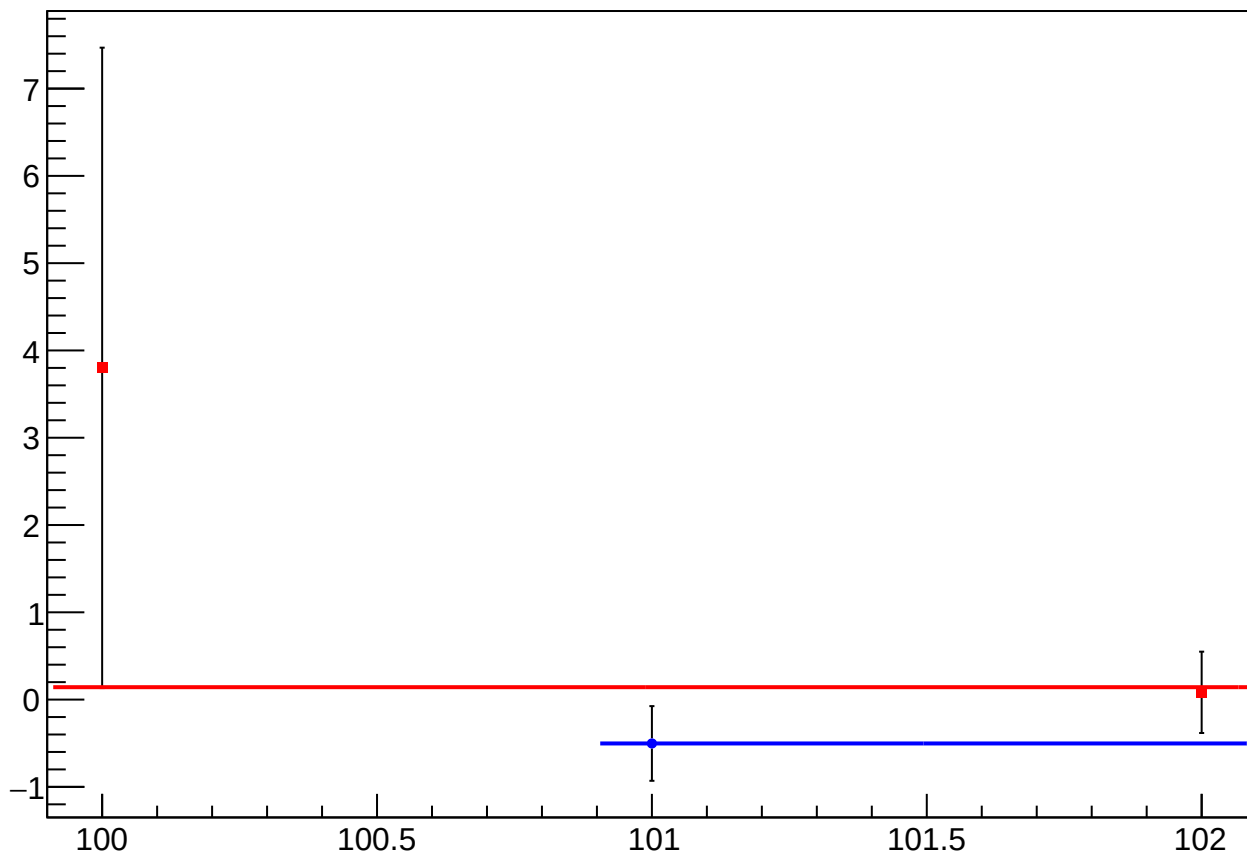
Right: 300.786+/-0.222 χ^2/NDF : 100125.9/2

In: 333.051+/-0.303 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 300.786+/-0.222 χ^2/NDF : 100125.9/2

asym_atl2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.503+/-0.428 χ^2/NDF : 0.0/0

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

Right Out: 0.142+/-0.462 χ^2/NDF : 1.0/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

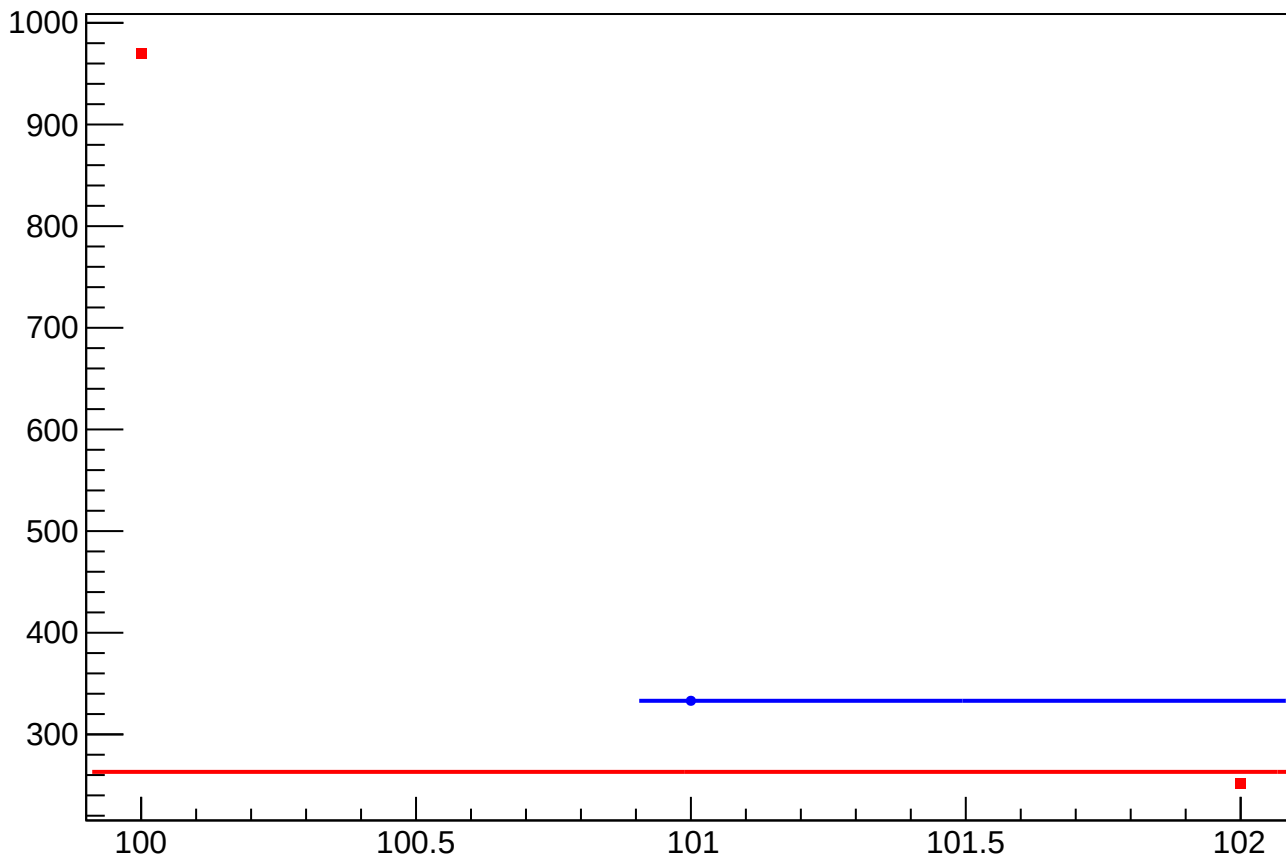
Right: -0.205+/-0.314 χ^2/NDF : 2.1/2

In: -0.503+/-0.428 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.205+/-0.314 χ^2/NDF : 2.1/2

asym_atl2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 333.051+/-0.303 χ^2/NDF : 0.0/0

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

Right Out: 263.127+/-0.327 χ^2/NDF : 75471.2/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

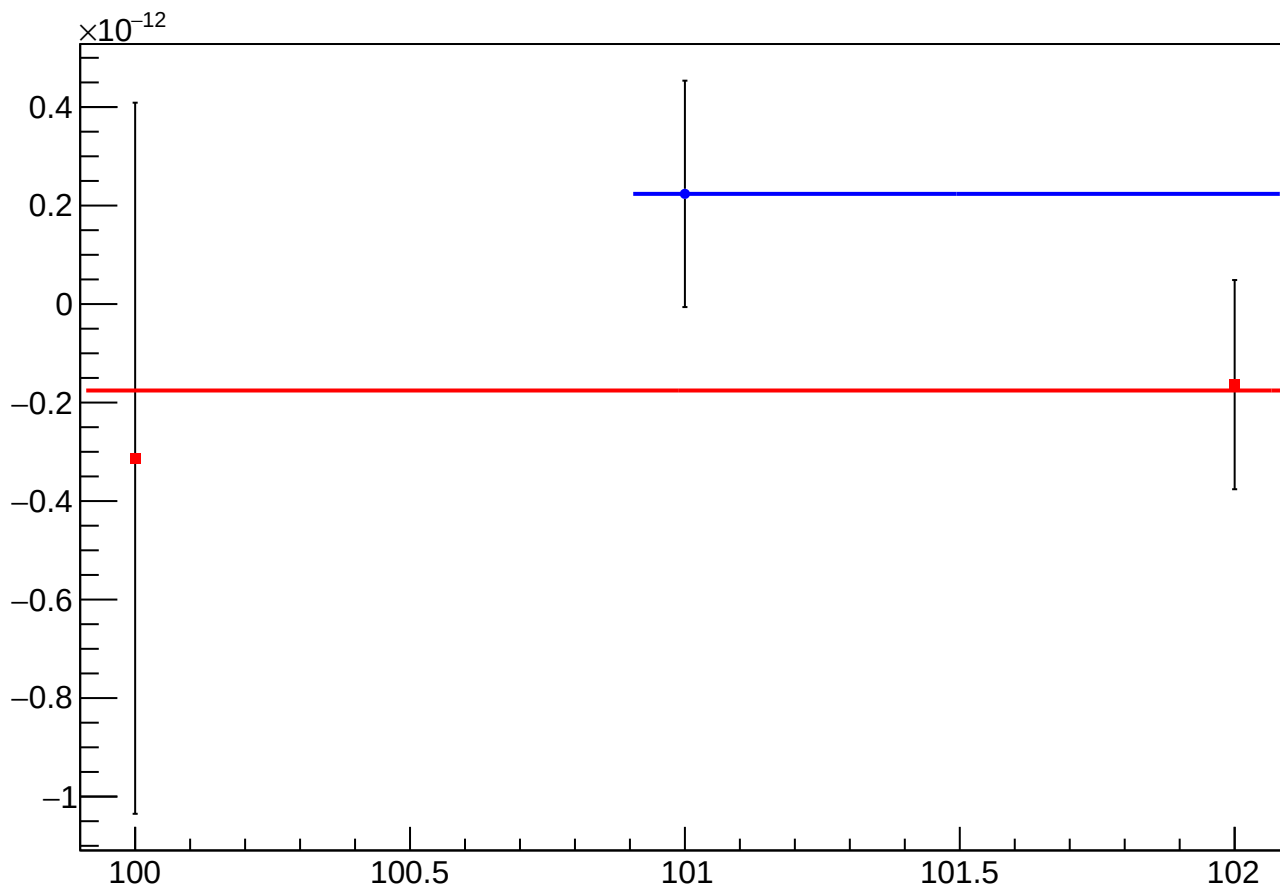
Right: 300.786+/-0.222 χ^2/NDF : 100125.9/2

In: 333.051+/-0.303 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 300.786+/-0.222 χ^2/NDF : 100125.9/2

asym_atl2_eigen_cor_vs_cor_diff_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 : 0.0/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

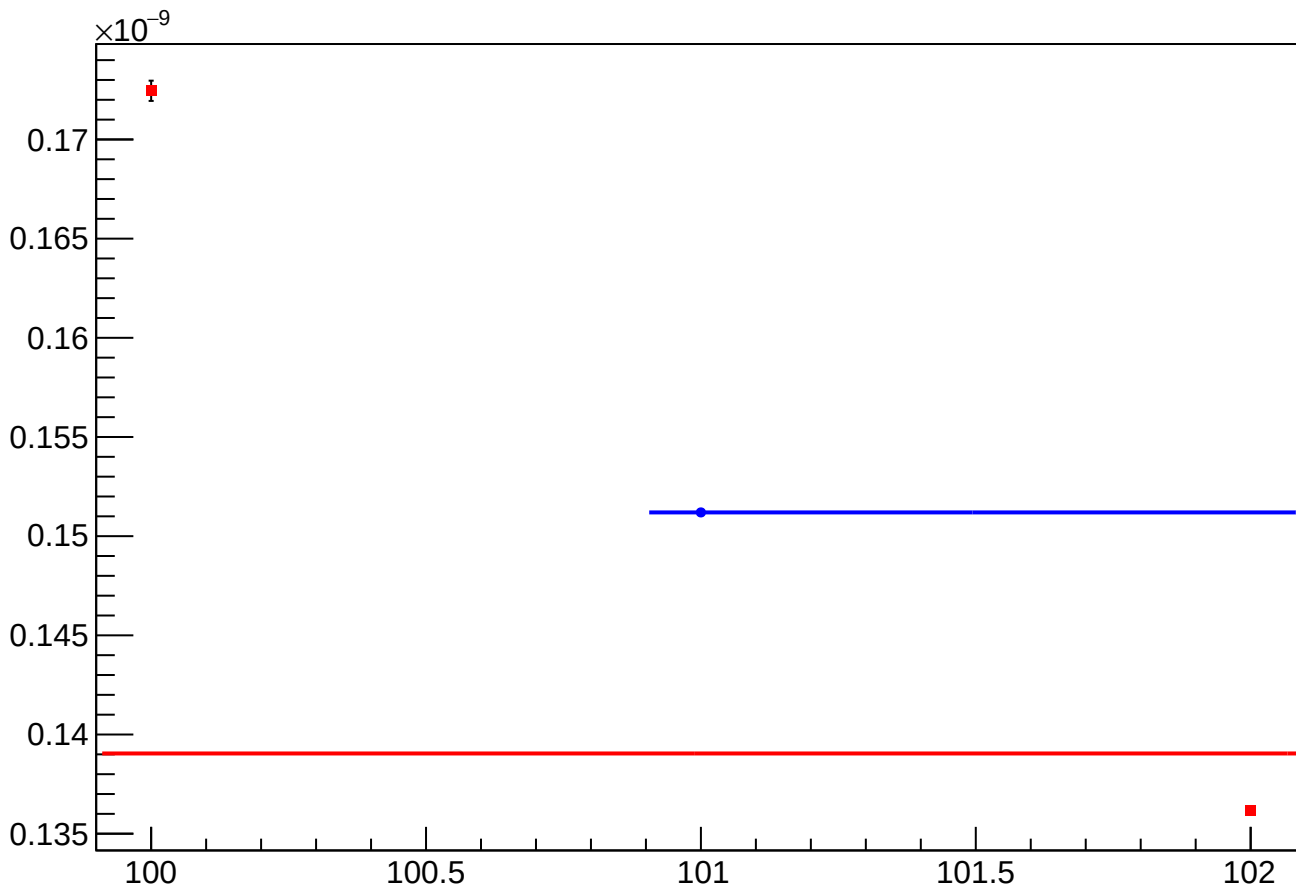
Right: 0.000+/-0.000 χ^2/NDF : 1.7/2

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 : 1.7/2

asym_atl2_eigen_cor_vs_cor_diff_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 : 4654.0/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

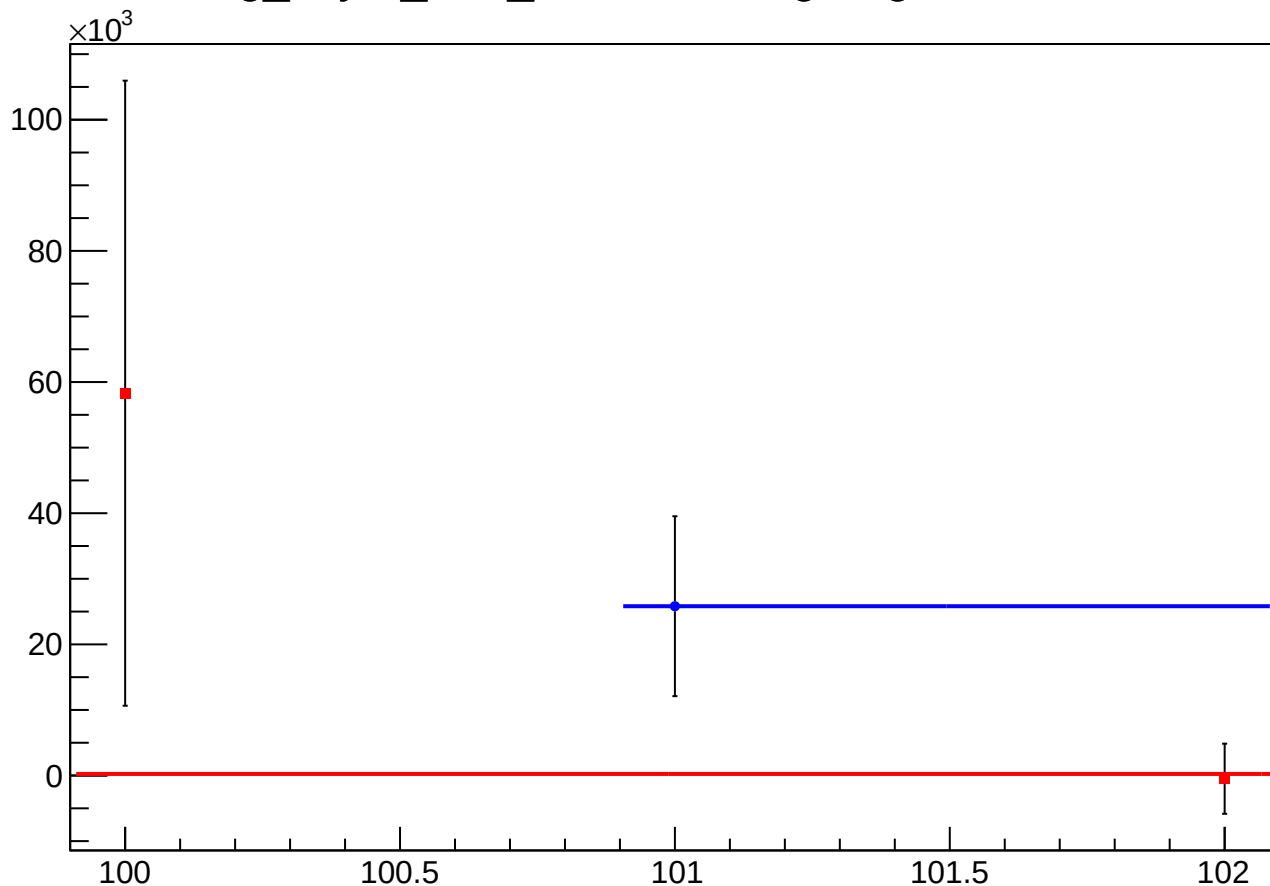
Right: 0.000+/-0.000 χ^2/NDF : 7785.0/2

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 : 7785.0/2

reg_asym_atr1_mean vs Slug, Sign Corrected



Right In: 25818.336+/-13716.299 χ^2/NDF : 0.0/0

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

Right Out: 242.155+/-5312.754 χ^2/NDF : 1.5/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

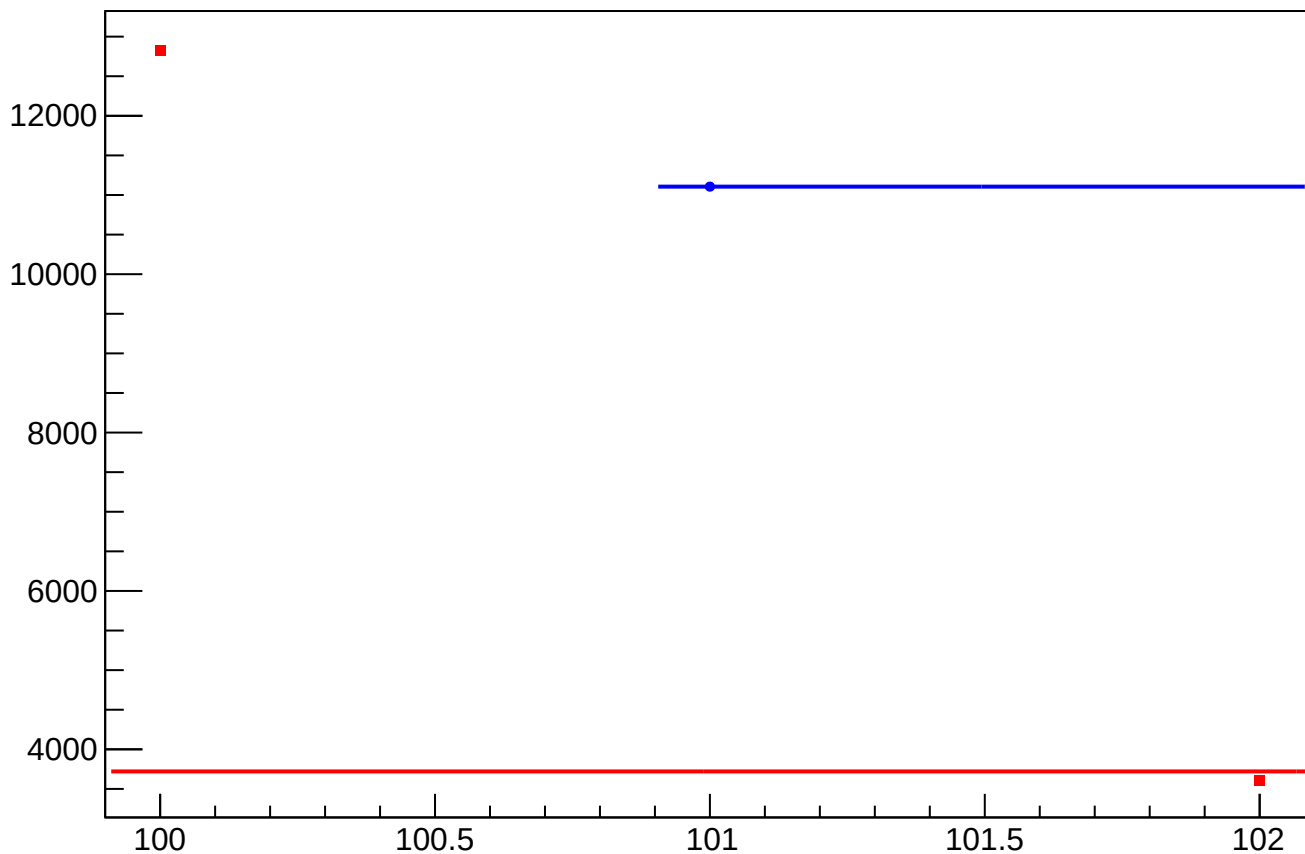
Right: 3578.676+/-4954.114 χ^2/NDF : 4.5/2

In: 25818.336+/-13716.299 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3578.676+/-4954.114 χ^2/NDF : 4.5/2

reg_asym_atr1_rms vs Slug, Sign Corrected



Right In: 11105.739+/-9.699 χ^2/NDF : 0.0/0

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

Right Out: 3720.836+/-3.757 χ^2/NDF : 73940.2/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

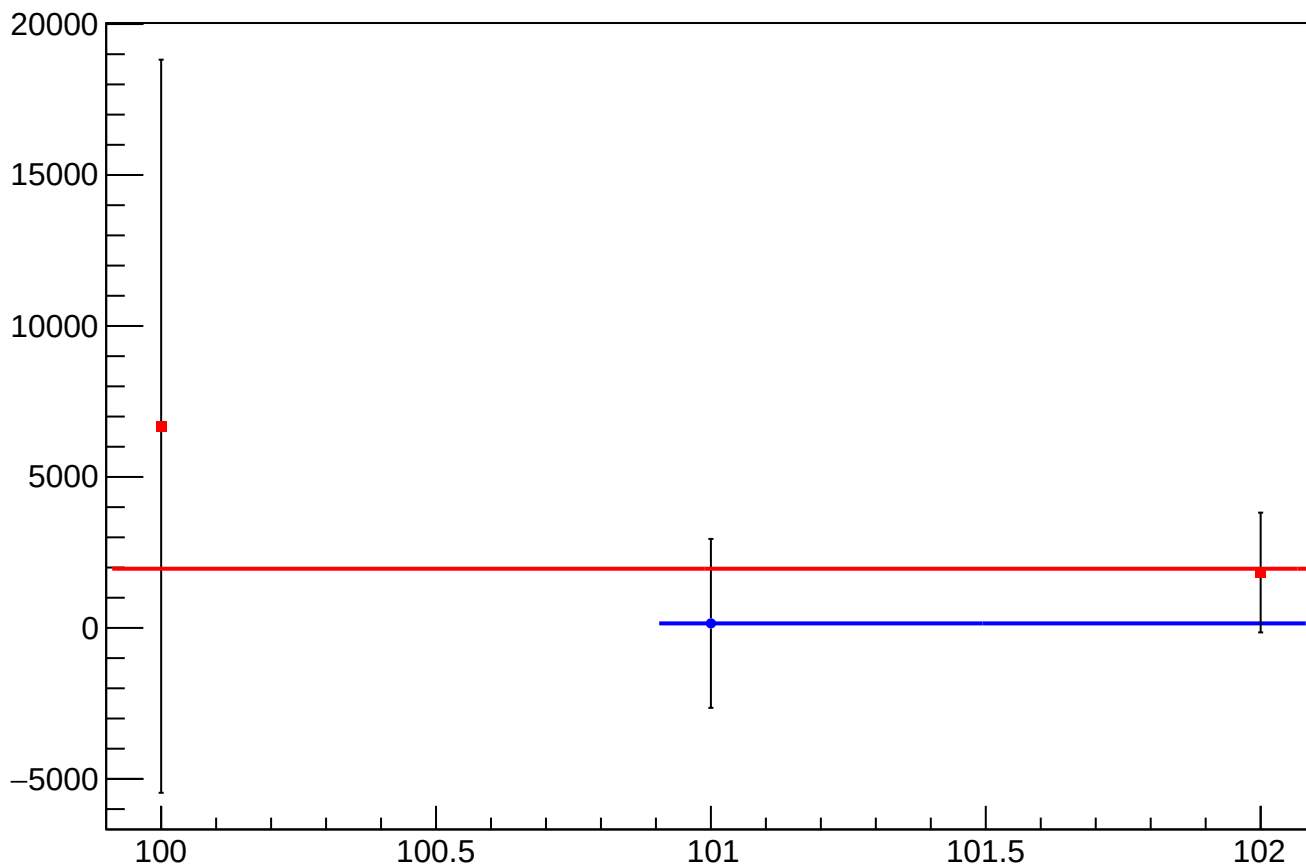
Right: 4684.169+/-3.503 χ^2/NDF : 578069.6/2

In: 11105.739+/-9.699 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4684.169+/-3.503 χ^2/NDF : 578069.6/2

asym_atr1_reg_correction_mean vs Slug, Sign Corrected



Right In: 149.918+/-2796.964 χ^2/NDF : 0.0/0

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

Right Out: 1960.704+/-1957.173 χ^2/NDF : 0.2/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

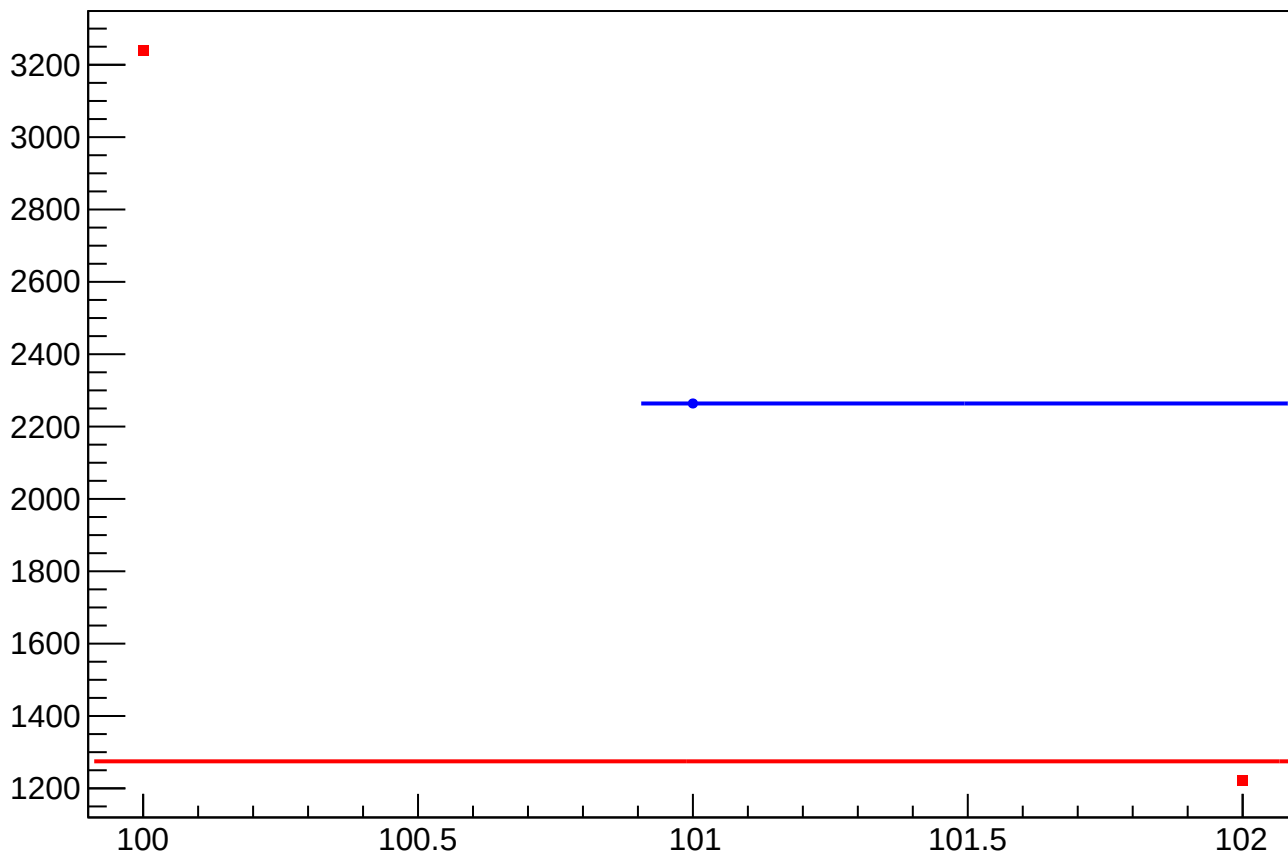
Right: 1365.497+/-1603.567 χ^2/NDF : 0.4/2

In: 149.918+/-2796.964 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1365.497+/-1603.567 χ^2/NDF : 0.4/2

asym_atr1_reg_correction_rms vs Slug, Sign Corrected



Right In: 2263.828 $\pm$ 1.978 χ^2 /NDF: 0.0/0

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

Right Out: 1274.680 $\pm$ 1.384 χ^2 /NDF: 53744.7/1

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

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

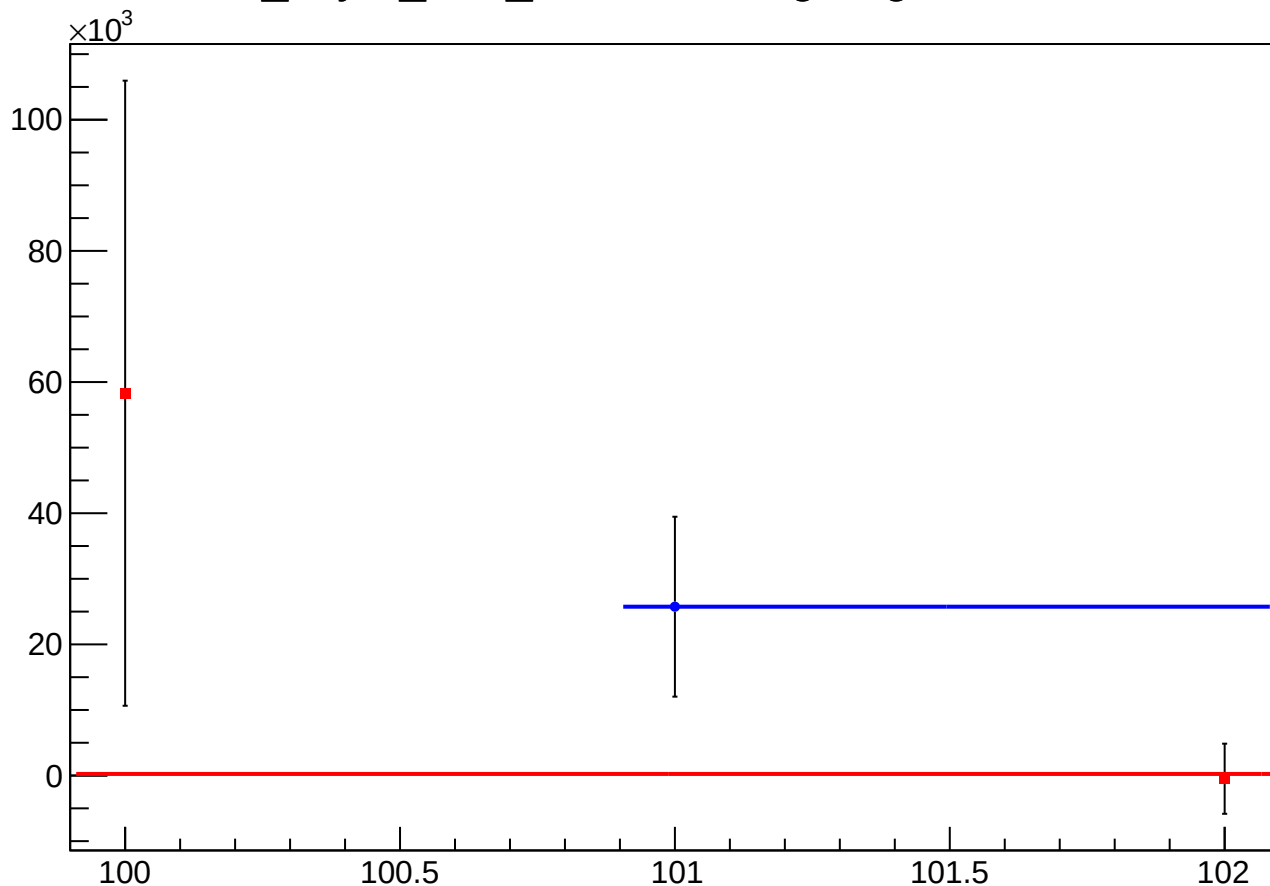
Right: 1599.814 $\pm$ 1.134 χ^2 /NDF: 221661.9/2

In: 2263.828 $\pm$ 1.978 χ^2 /NDF: 0.0/0

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

All: 1599.814 $\pm$ 1.134 χ^2 /NDF: 221661.9/2

cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: 25748.056 $\pm$ 13716.357 χ^2 /NDF: 0.0/0

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

Right Out: 245.552 $\pm$ 5312.756 χ^2 /NDF: 1.5/1

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

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

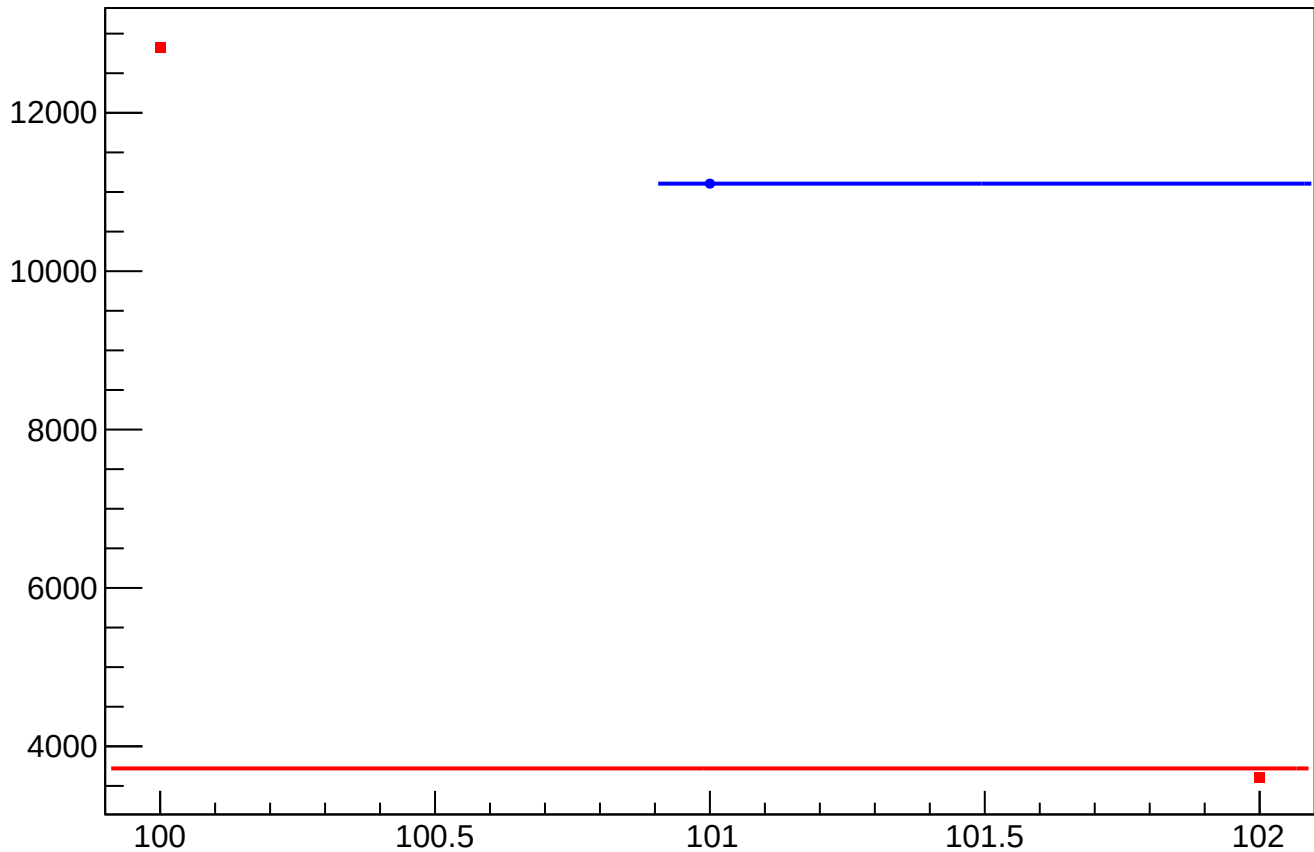
Right: 3572.439 $\pm$ 4954.118 χ^2 /NDF: 4.5/2

In: 25748.056 $\pm$ 13716.357 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3572.439 $\pm$ 4954.118 χ^2 /NDF: 4.5/2

cor_asym_atr1_rms vs Slug, Sign Corrected



Right In: 11105.769+/-9.699 χ^2/NDF : 0.0/0

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

Right Out: 3720.829+/-3.757 χ^2/NDF : 73940.3/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

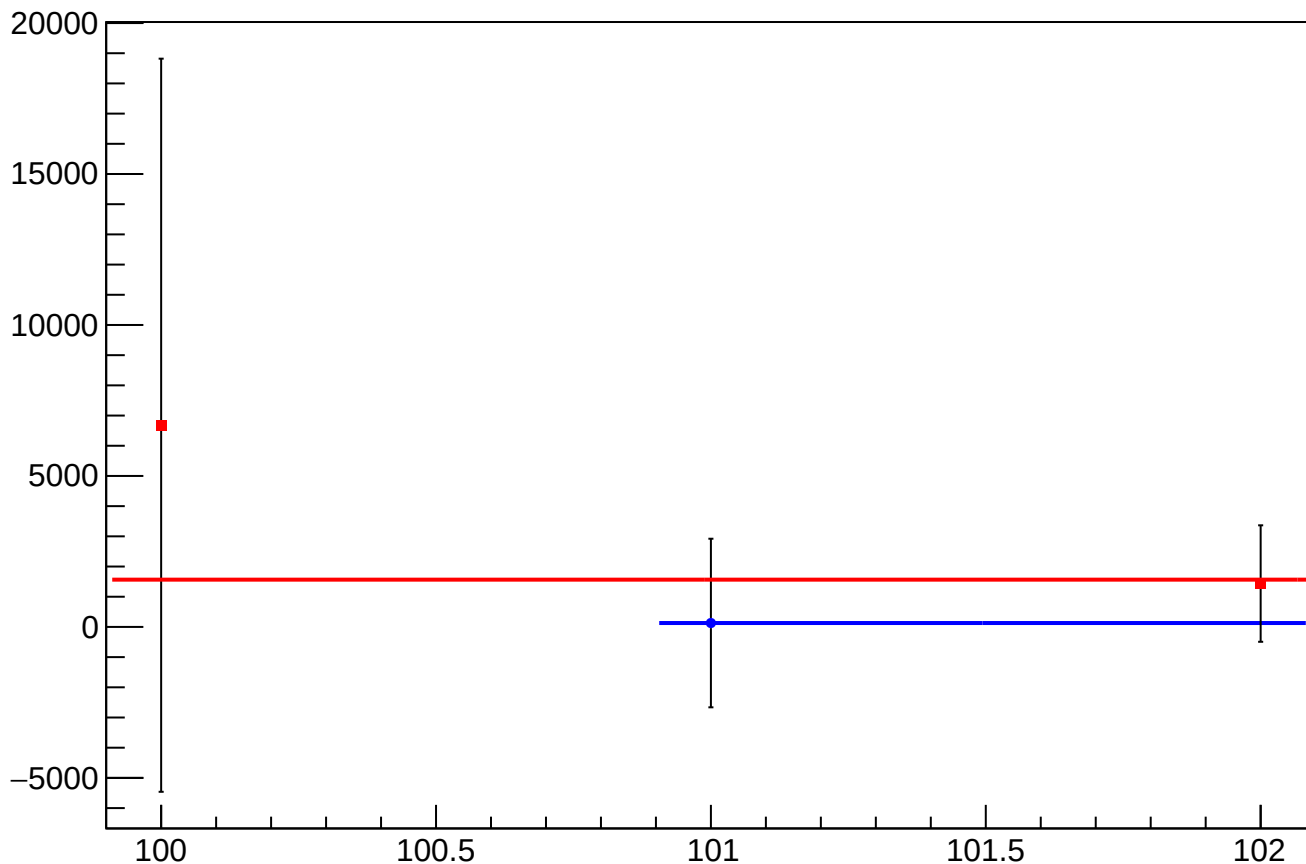
Right: 4684.161+/-3.503 χ^2/NDF : 578071.1/2

In: 11105.769+/-9.699 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4684.161+/-3.503 χ^2/NDF : 578071.1/2

asym_atr1_cor_correction_mean vs Slug, Sign Corrected



Right In: 129.091±/-2791.664 χ^2 /NDF: 0.0/0

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

Right Out: 1565.504±/-1904.825 χ^2 /NDF: 0.2/1

Left In: 0.000±/-0.000 χ^2 /NDF:0.0/0

Left: 0.000±/-0.000 χ^2 /NDF: 0.0/0

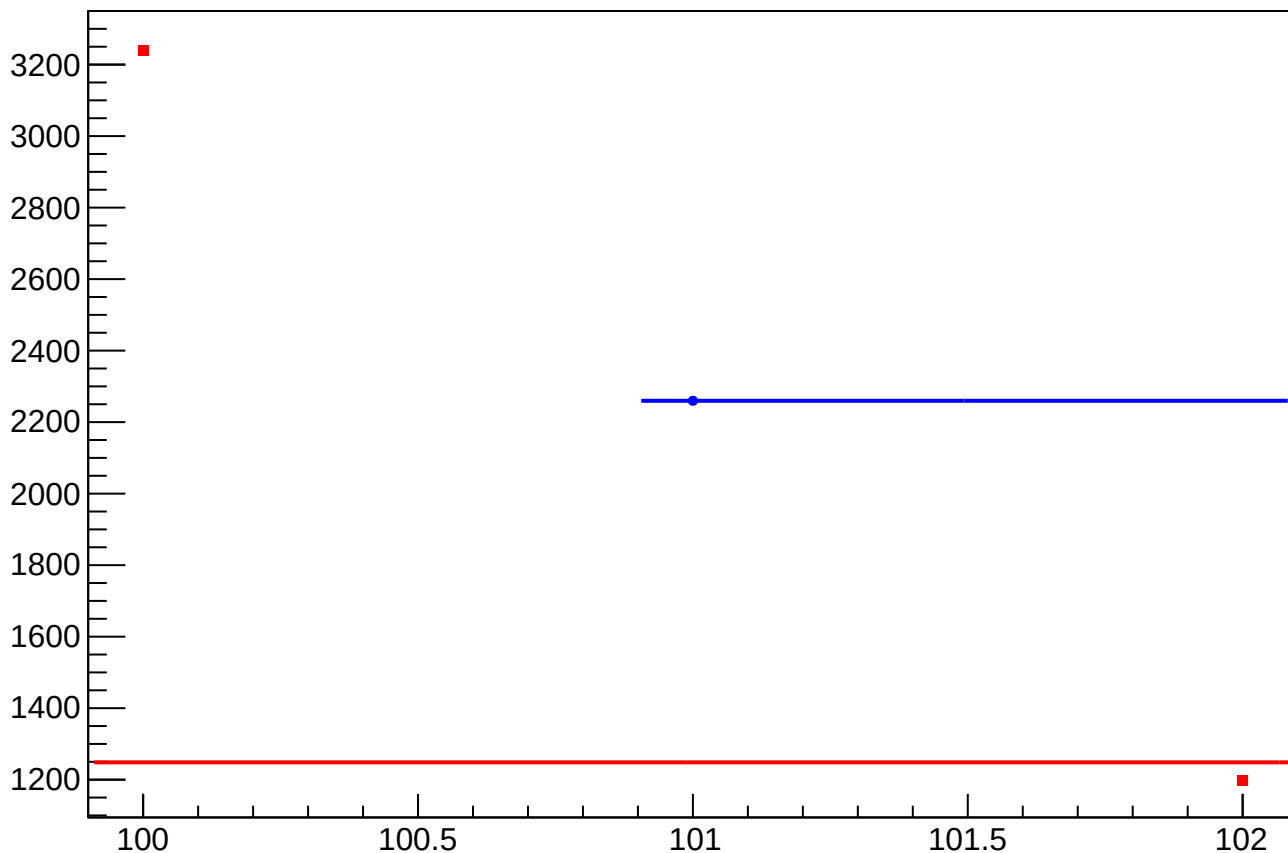
Right: 1109.197±/-1573.447 χ^2 /NDF: 0.4/2

In: 129.091±/-2791.664 χ^2 /NDF:0.0/0

Out: 0.000±/-0.000 χ^2 /NDF:0.0/0

All: 1109.197±/-1573.447 χ^2 /NDF: 0.4/2

asym_atr1_cor_correction_rms vs Slug, Sign Corrected



Right In: 2259.723+/-1.974 χ^2/NDF : 0.0/0

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

Right Out: 1248.468+/-1.347 χ^2/NDF : 55111.2/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

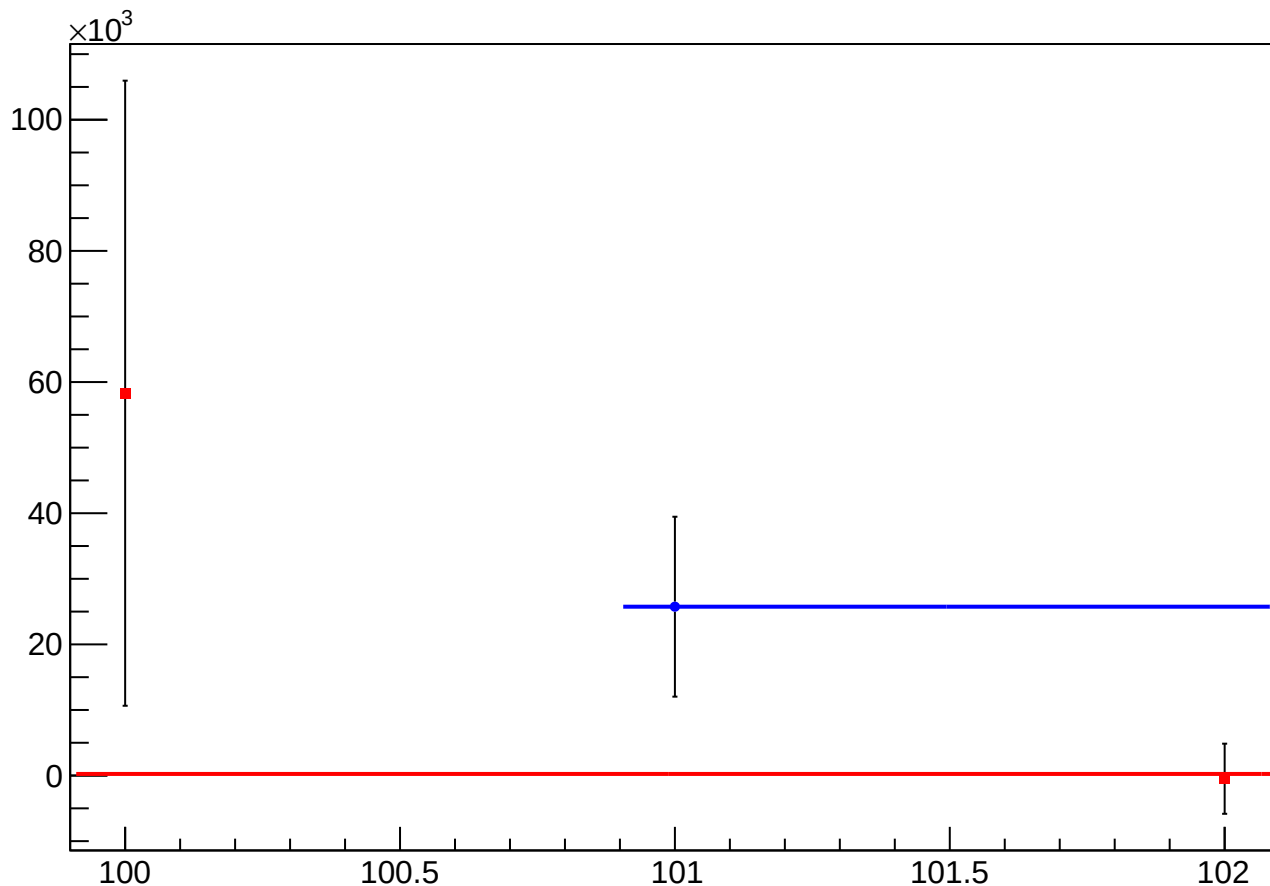
Right: 1569.715+/-1.113 χ^2/NDF : 234179.7/2

In: 2259.723+/-1.974 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1569.715+/-1.113 χ^2/NDF : 234179.7/2

eigen_cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: 25748.056 $\pm$ 13716.357 χ^2 /NDF: 0.0/0

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

Right Out: 245.552 $\pm$ 5312.756 χ^2 /NDF: 1.5/1

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

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

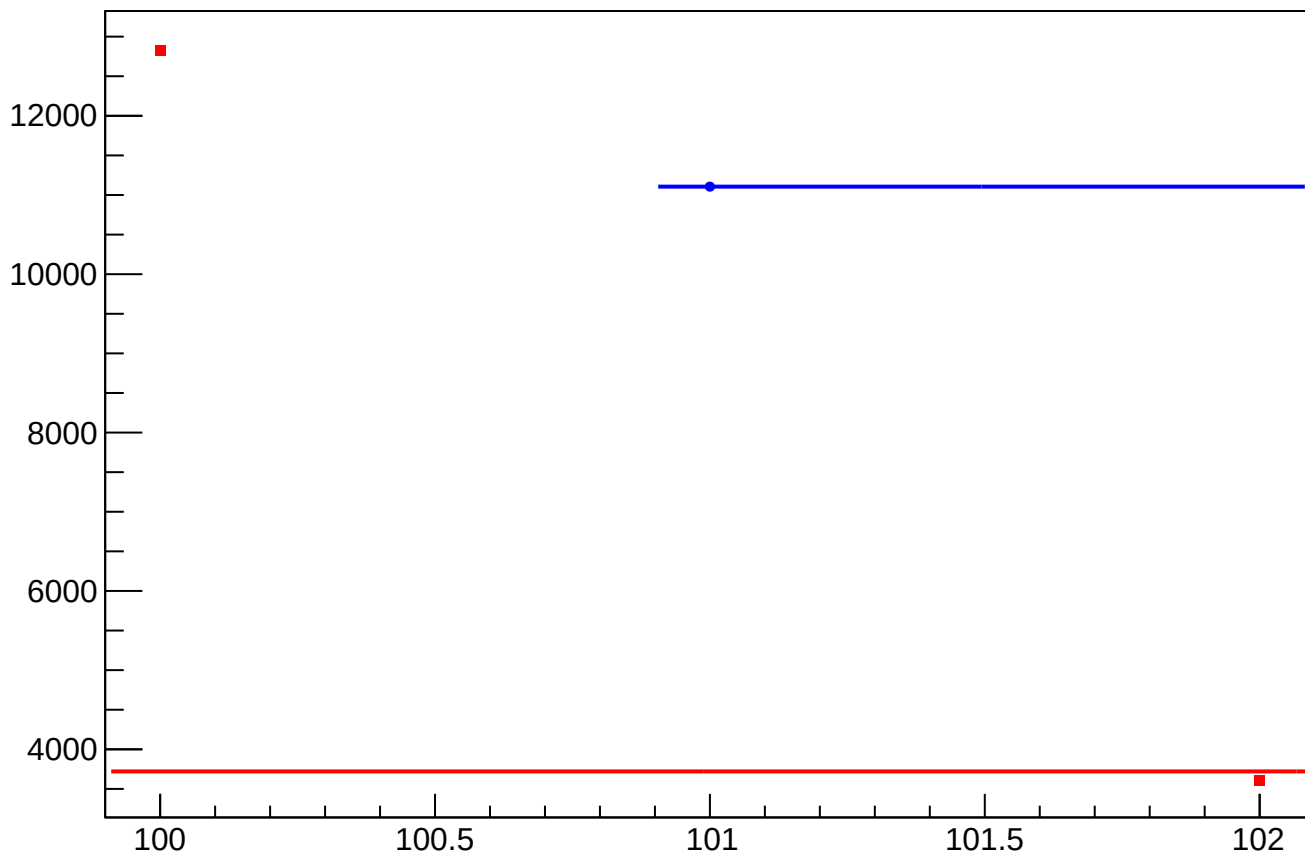
Right: 3572.439 $\pm$ 4954.118 χ^2 /NDF: 4.5/2

In: 25748.056 $\pm$ 13716.357 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3572.439 $\pm$ 4954.118 χ^2 /NDF: 4.5/2

eigen_cor_asym_atr1_rms vs Slug, Sign Corrected



Right In: 11105.769+/-9.699 χ^2/NDF : 0.0/0

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

Right Out: 3720.829+/-3.757 χ^2/NDF : 73940.3/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

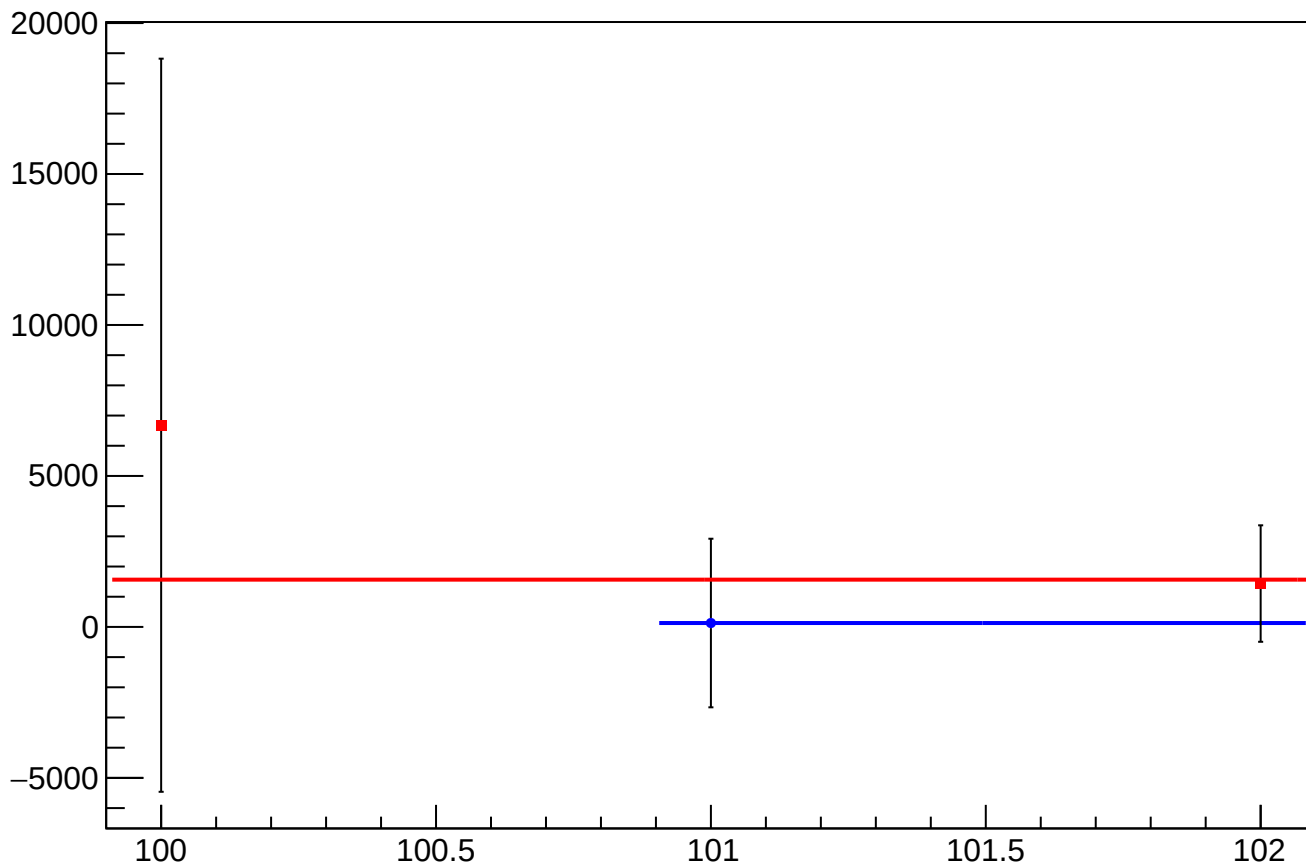
Right: 4684.161+/-3.503 χ^2/NDF : 578071.1/2

In: 11105.769+/-9.699 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4684.161+/-3.503 χ^2/NDF : 578071.1/2

asym_atr1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 129.091+/-2791.664 χ^2/NDF : 0.0/0

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

Right Out: 1565.504+/-1904.825 χ^2/NDF : 0.2/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

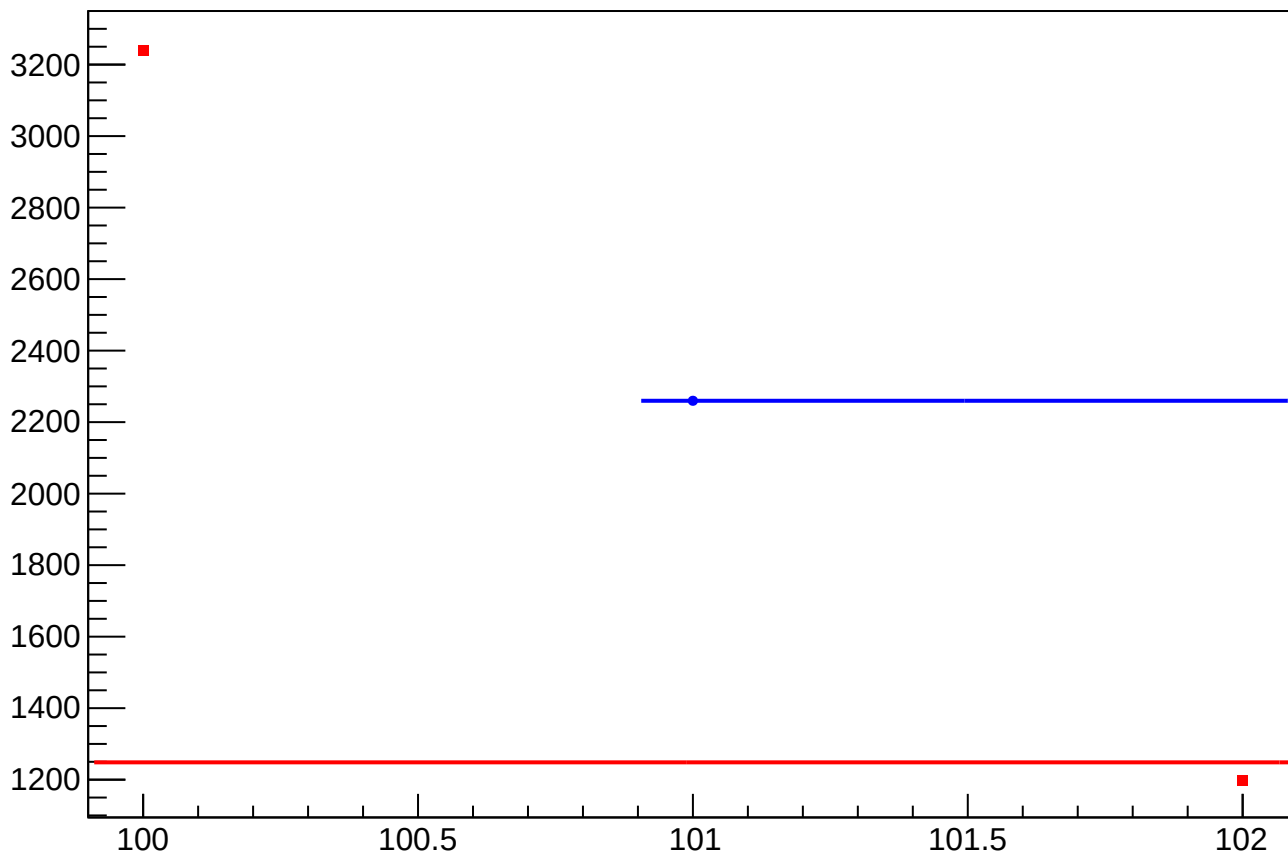
Right: 1109.197+/-1573.447 χ^2/NDF : 0.4/2

In: 129.091+/-2791.664 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1109.197+/-1573.447 χ^2/NDF : 0.4/2

asym_atr1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2259.723+/-1.974 χ^2/NDF : 0.0/0

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

Right Out: 1248.468+/-1.347 χ^2/NDF : 55111.2/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

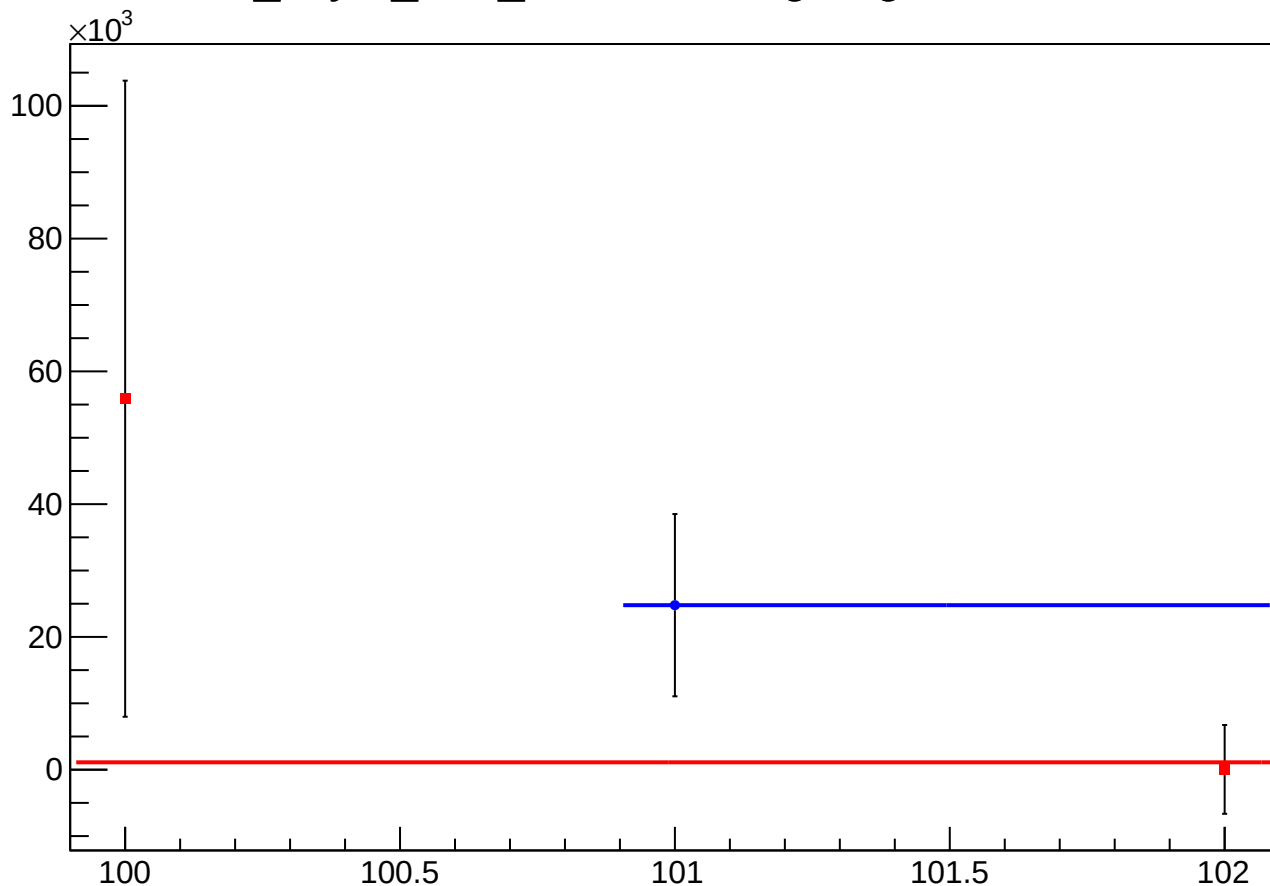
Right: 1569.715+/-1.113 χ^2/NDF : 234179.7/2

In: 2259.723+/-1.974 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1569.715+/-1.113 χ^2/NDF : 234179.7/2

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 24782.794 $\pm$ 13727.350 χ^2/NDF : 0.0/0

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

Right Out: 1112.243 $\pm$ 6623.635 χ^2/NDF : 1.3/1

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

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

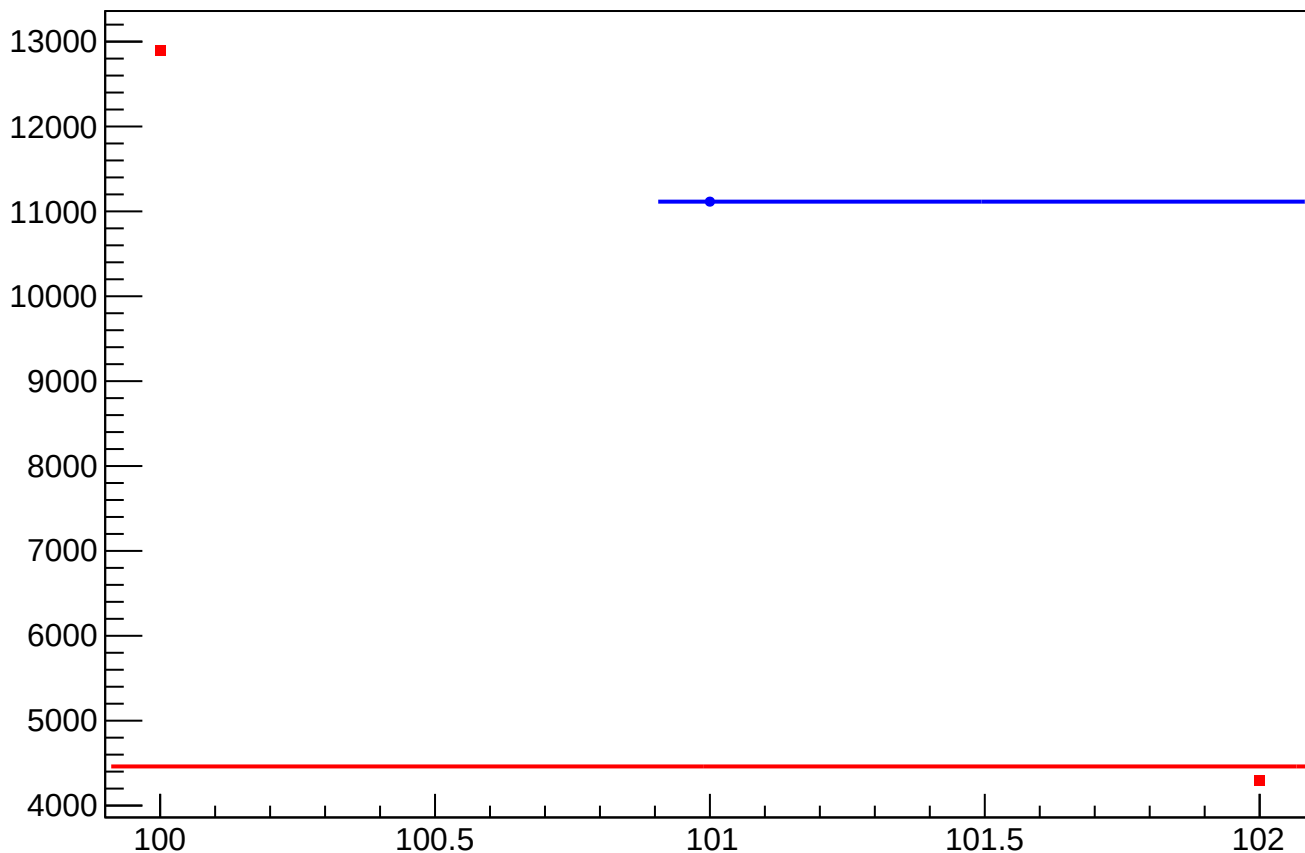
Right: 5582.457 $\pm$ 5965.497 χ^2/NDF : 3.7/2

In: 24782.794 $\pm$ 13727.350 χ^2/NDF : 0.0/0

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

All: 5582.457 $\pm$ 5965.497 χ^2/NDF : 3.7/2

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 11114.692+/-9.707 χ^2/NDF : 0.0/0

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

Right Out: 4460.836+/-4.683 χ^2/NDF : 63192.8/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

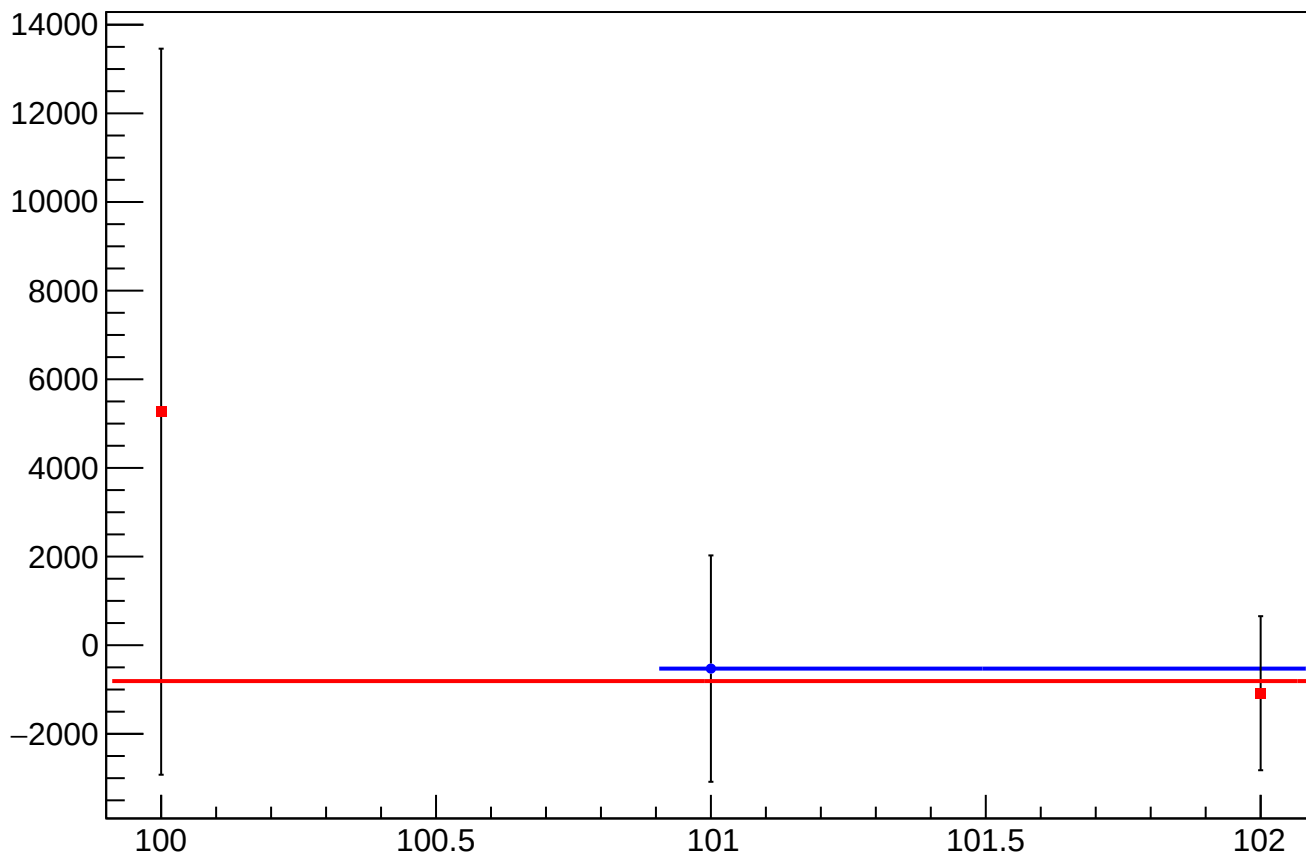
Right: 5717.315+/-4.218 χ^2/NDF : 444357.6/2

In: 11114.692+/-9.707 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5717.315+/-4.218 χ^2/NDF : 444357.6/2

asym_atr1_dit_correction_mean vs Slug, Sign Corrected



Right In: -527.919+/-2554.005 χ^2/NDF : 0.0/0

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

Right Out: -809.524+/-1700.076 χ^2/NDF : 0.6/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

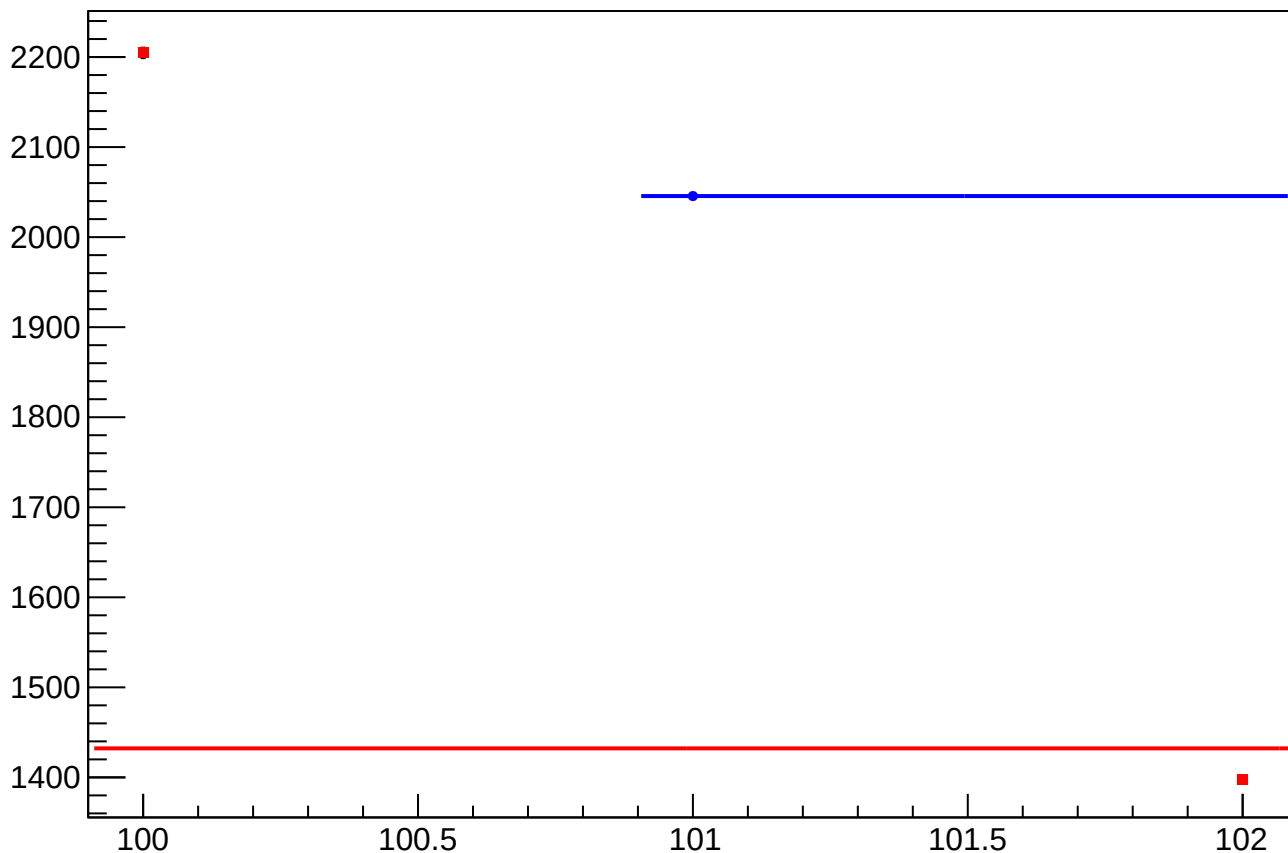
Right: -723.059+/-1415.211 χ^2/NDF : 0.6/2

In: -527.919+/-2554.005 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -723.059+/-1415.211 χ^2/NDF : 0.6/2

asym_atr1_dit_correction_rms vs Slug, Sign Corrected



Right In: 2045.611 $\pm$ 1.806 χ^2 /NDF: 0.0/0

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

Right Out: 1432.216 $\pm$ 1.202 χ^2 /NDF: 18584.9/1

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

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

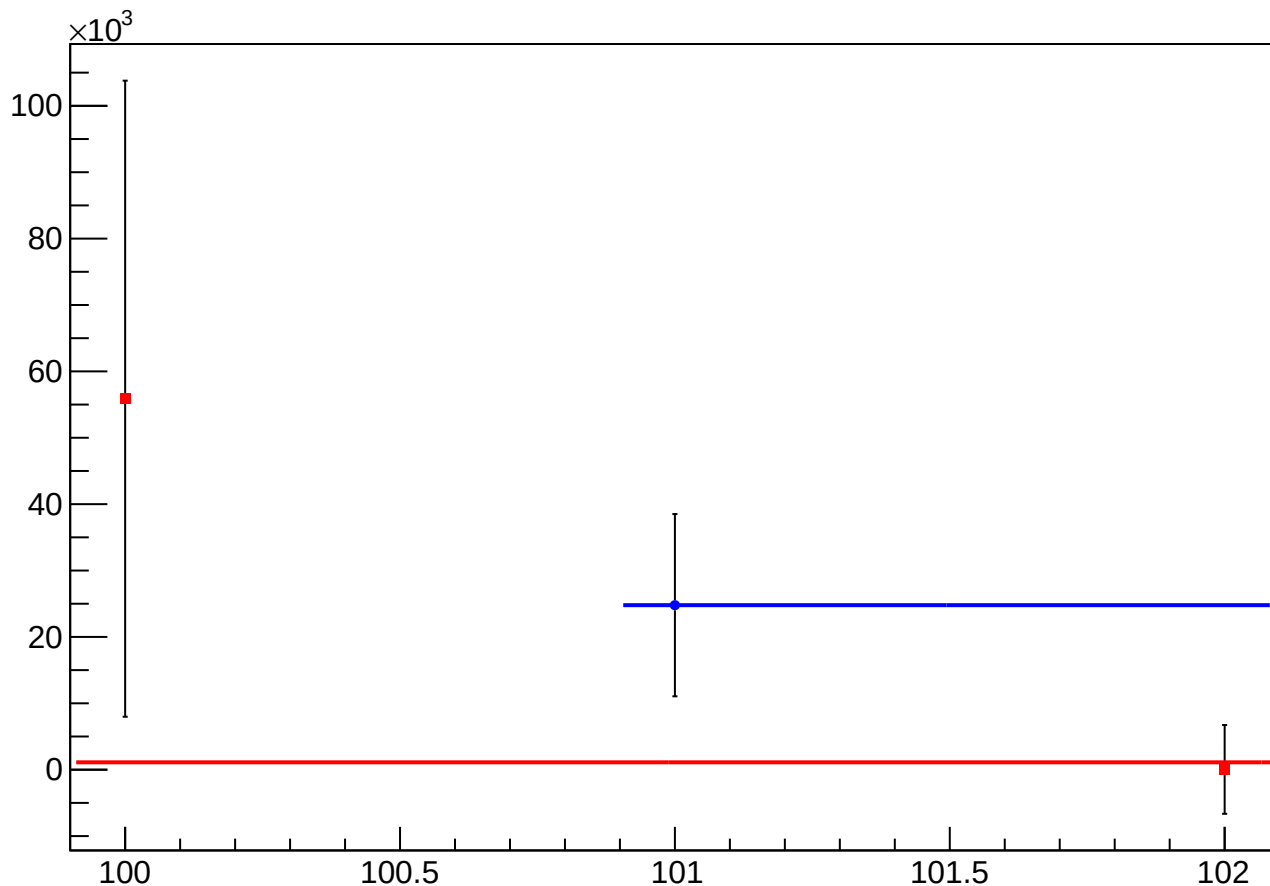
Right: 1620.554 $\pm$ 1.001 χ^2 /NDF: 98526.7/2

In: 2045.611 $\pm$ 1.806 χ^2 /NDF: 0.0/0

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

All: 1620.554 $\pm$ 1.001 χ^2 /NDF: 98526.7/2

eigen_dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 24782.798+/-13727.350 χ^2/NDF : 0.0/0

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

Right Out: 1112.232+/-6623.633 χ^2/NDF : 1.3/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

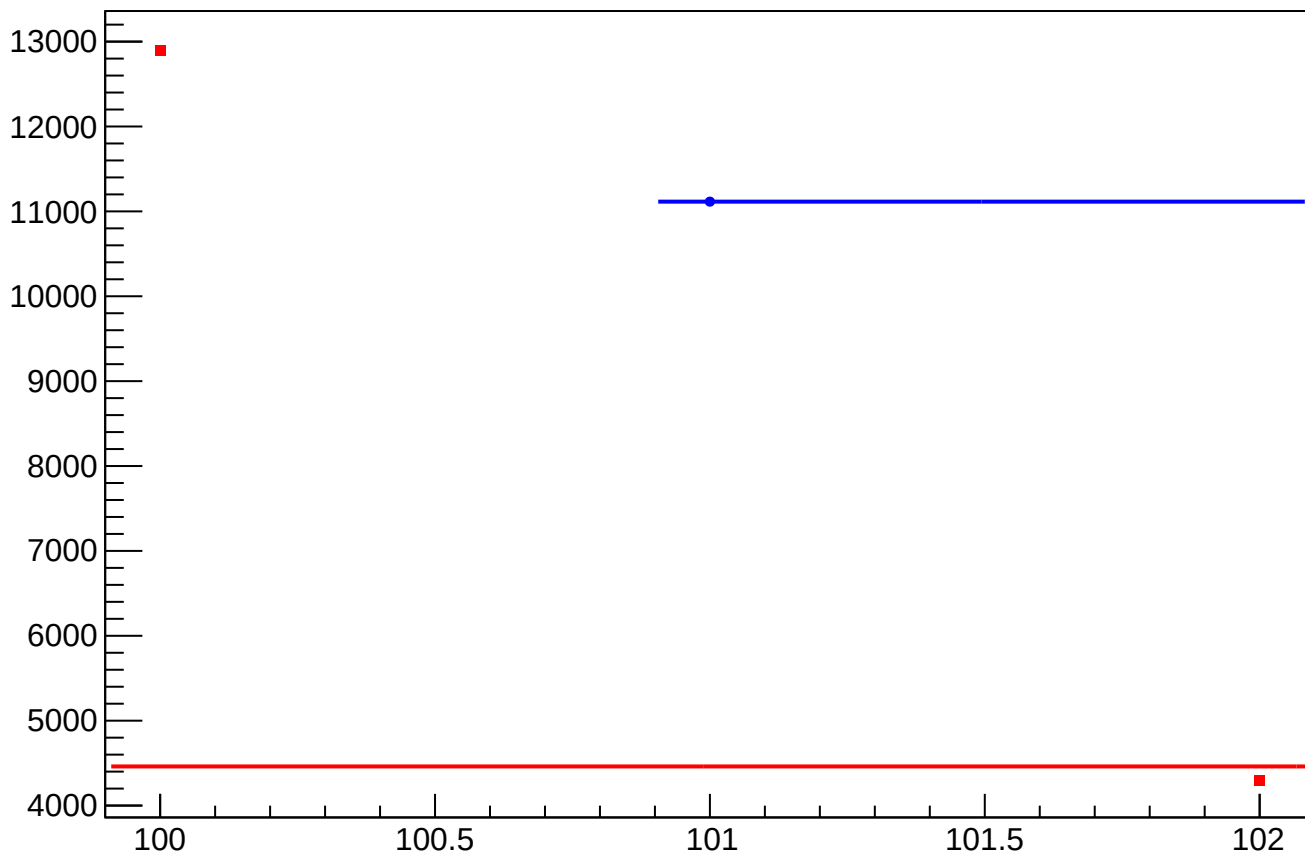
Right: 5582.446+/-5965.496 χ^2/NDF : 3.7/2

In: 24782.798+/-13727.350 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5582.446+/-5965.496 χ^2/NDF : 3.7/2

eigen_dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 11114.692+/-9.707 χ^2/NDF : 0.0/0

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

Right Out: 4460.834+/-4.683 χ^2/NDF : 63192.9/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

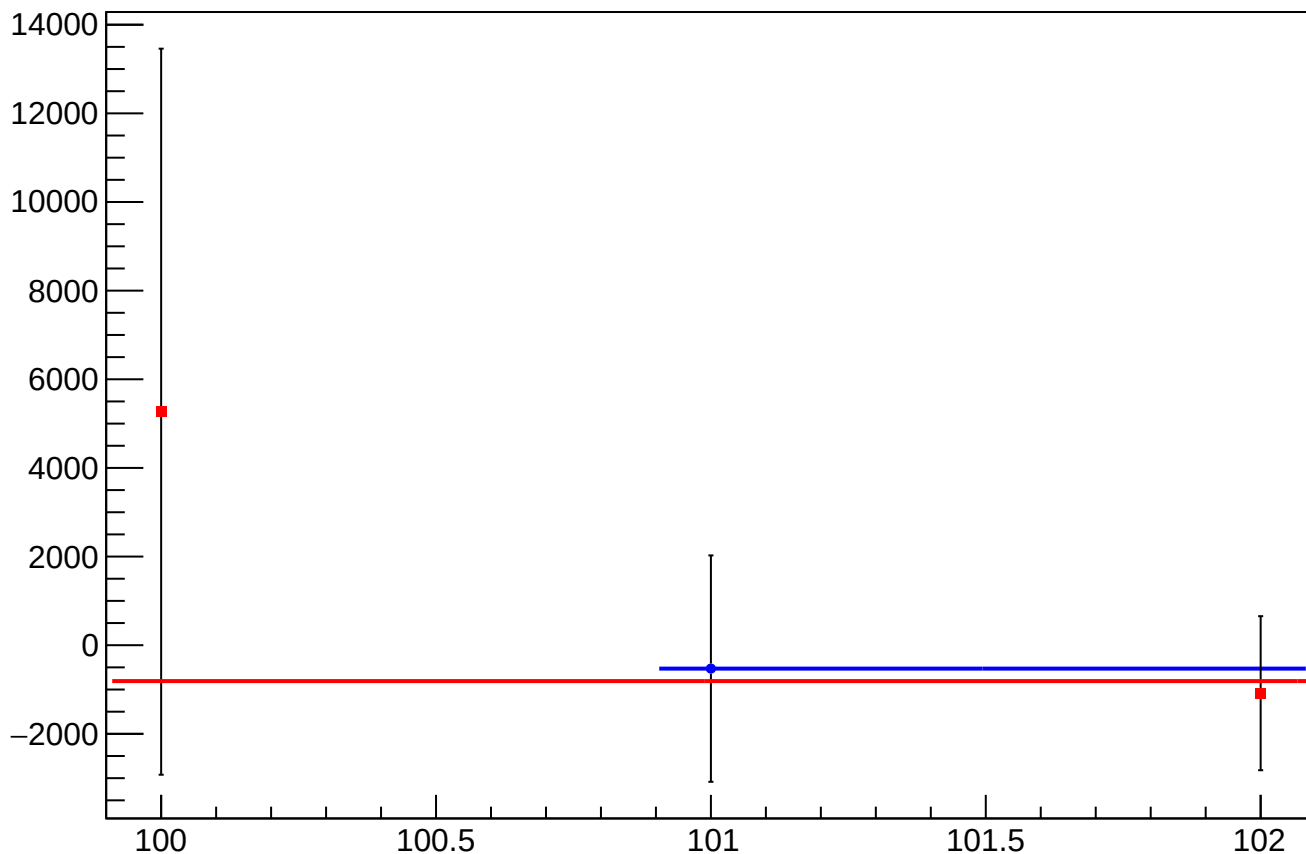
Right: 5717.313+/-4.218 χ^2/NDF : 444357.9/2

In: 11114.692+/-9.707 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5717.313+/-4.218 χ^2/NDF : 444357.9/2

asym_atr1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -527.915+/-2554.000 χ^2/NDF : 0.0/0

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

Right Out: -809.523+/-1700.070 χ^2/NDF : 0.6/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

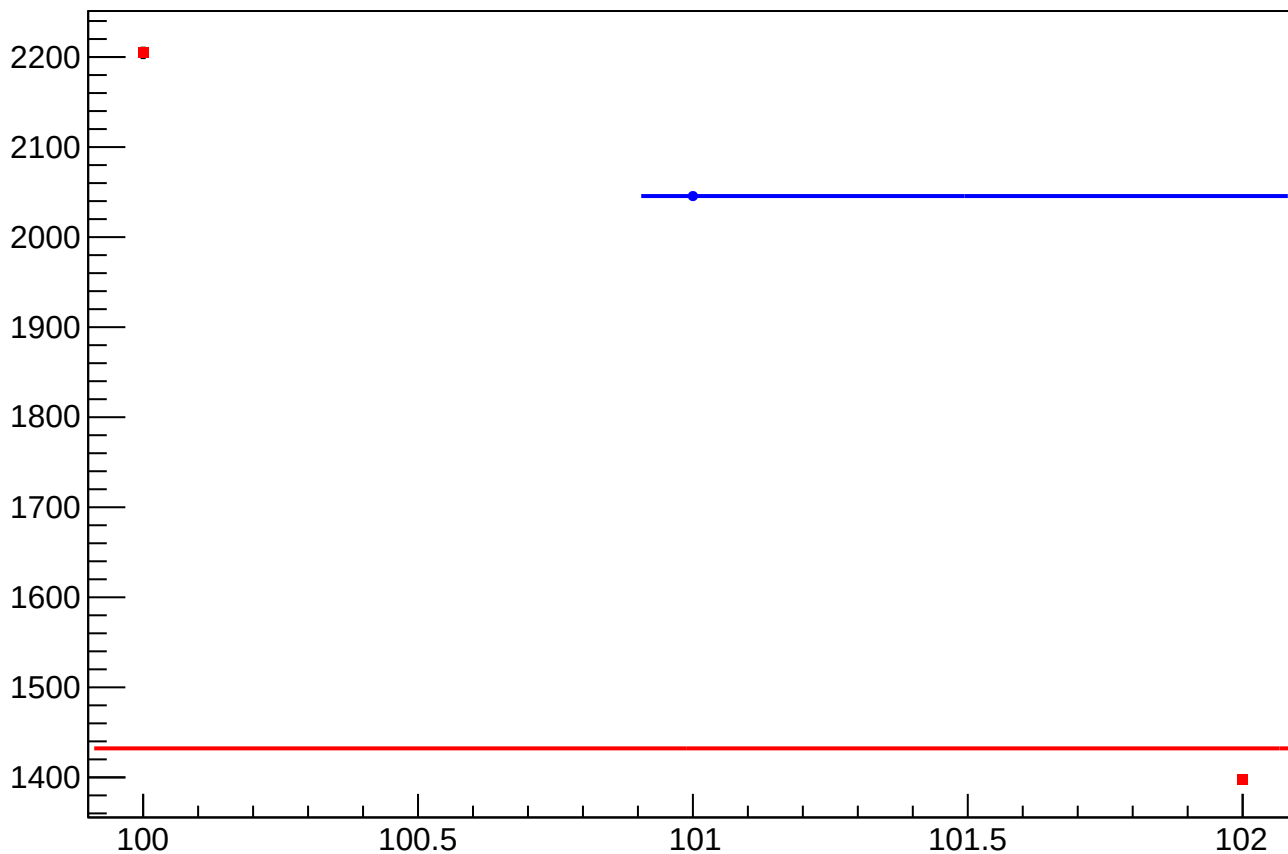
Right: -723.057+/-1415.207 χ^2/NDF : 0.6/2

In: -527.915+/-2554.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -723.057+/-1415.207 χ^2/NDF : 0.6/2

asym_atr1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2045.607 $\pm$ 1.806 χ^2 /NDF: 0.0/0

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

Right Out: 1432.211 $\pm$ 1.202 χ^2 /NDF: 18585.1/1

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

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

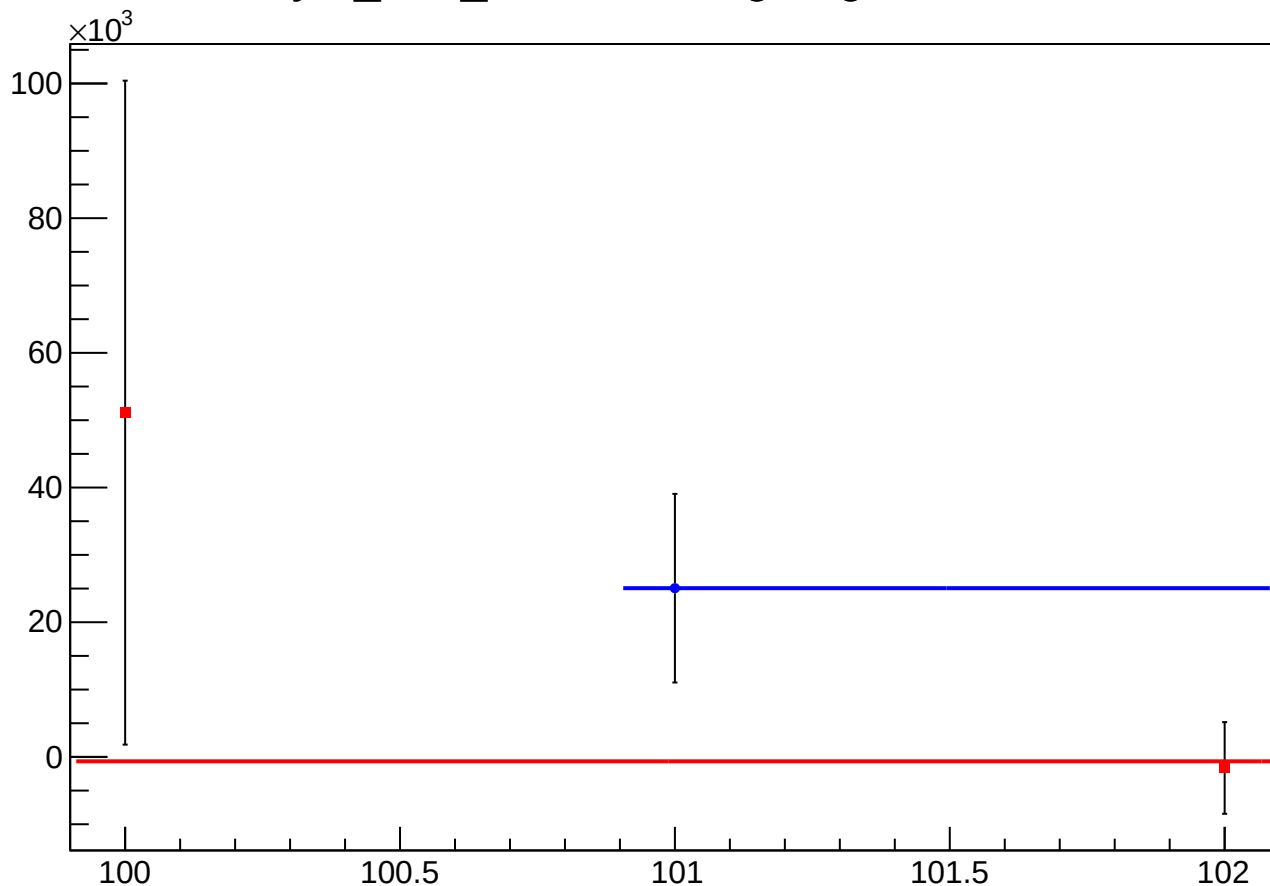
Right: 1620.549 $\pm$ 1.001 χ^2 /NDF: 98527.5/2

In: 2045.607 $\pm$ 1.806 χ^2 /NDF: 0.0/0

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

All: 1620.549 $\pm$ 1.001 χ^2 /NDF: 98527.5/2

asym_atr1_mean vs Slug, Sign Corrected



Right In: 25055.784+/-14005.460 χ^2/NDF : 0.0/0

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

Right Out: -654.677+/-6742.127 χ^2/NDF : 1.1/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

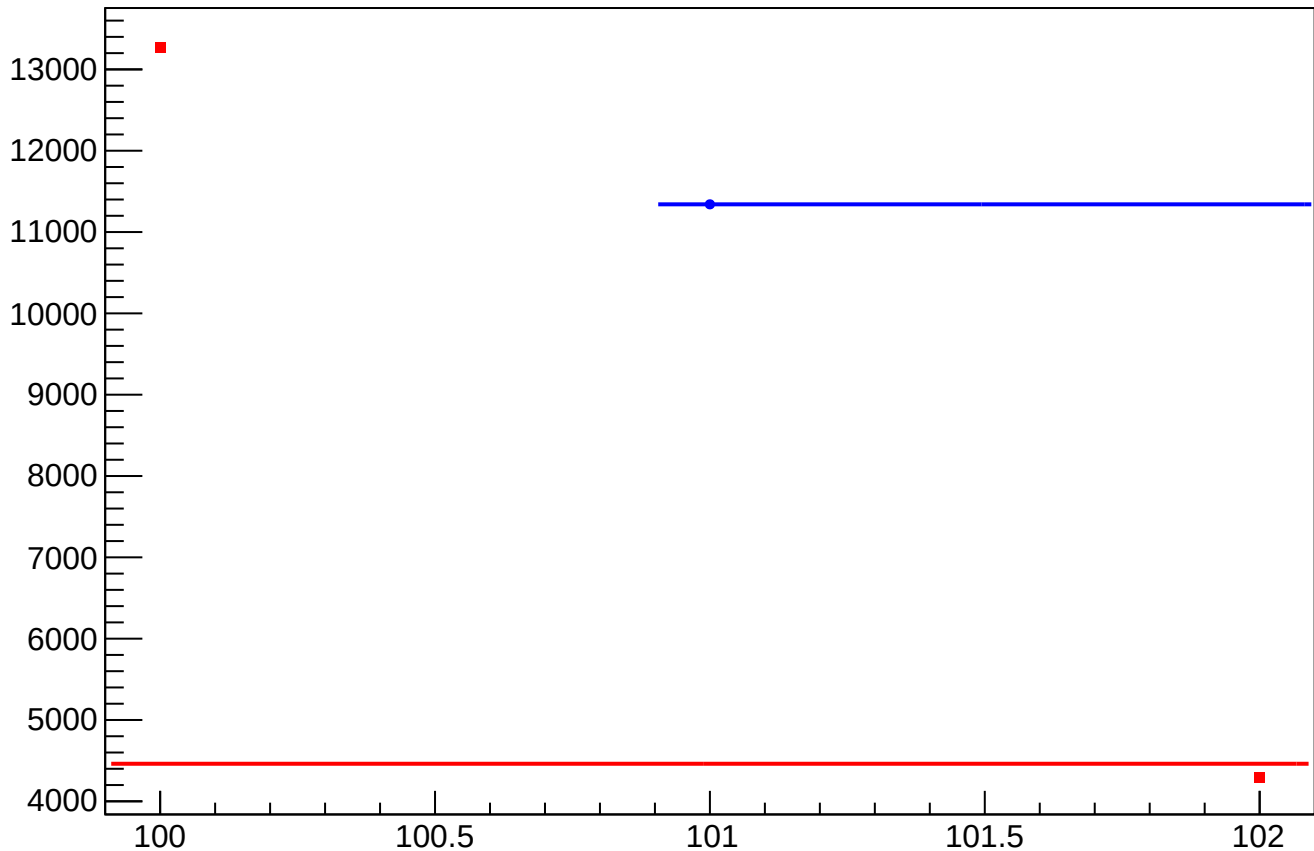
Right: 4182.481+/-6074.878 χ^2/NDF : 3.9/2

In: 25055.784+/-14005.460 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4182.481+/-6074.878 χ^2/NDF : 3.9/2

asym_atr1_rms vs Slug, Sign Corrected



Right In: 11340.839+/-9.903 χ^2/NDF : 0.0/0

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

Right Out: 4461.753+/-4.767 χ^2/NDF : 65055.9/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

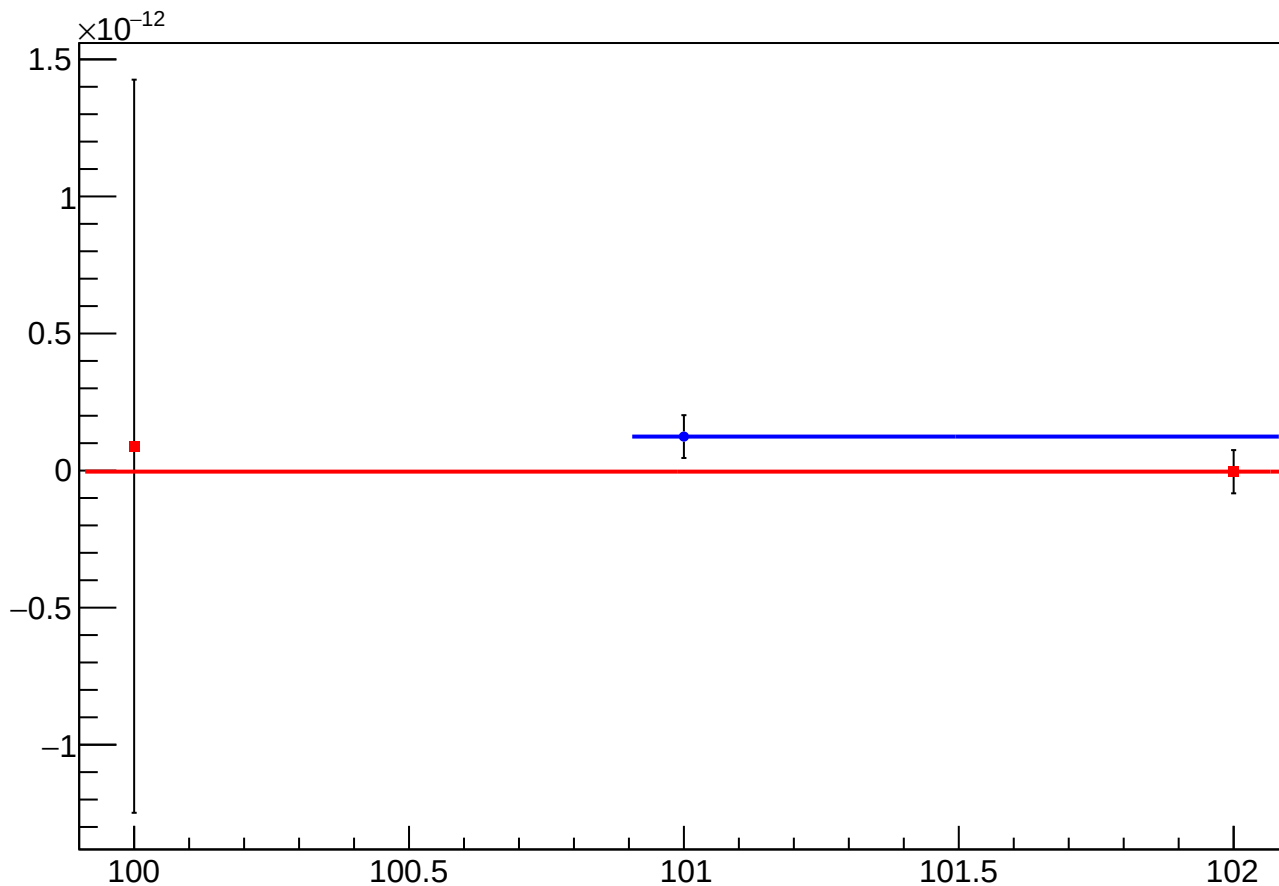
Right: 5755.866+/-4.295 χ^2/NDF : 456786.2/2

In: 11340.839+/-9.903 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5755.866+/-4.295 χ^2/NDF : 456786.2/2

asym_atr1_reg_vs_cor_diff_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 : 0.0/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

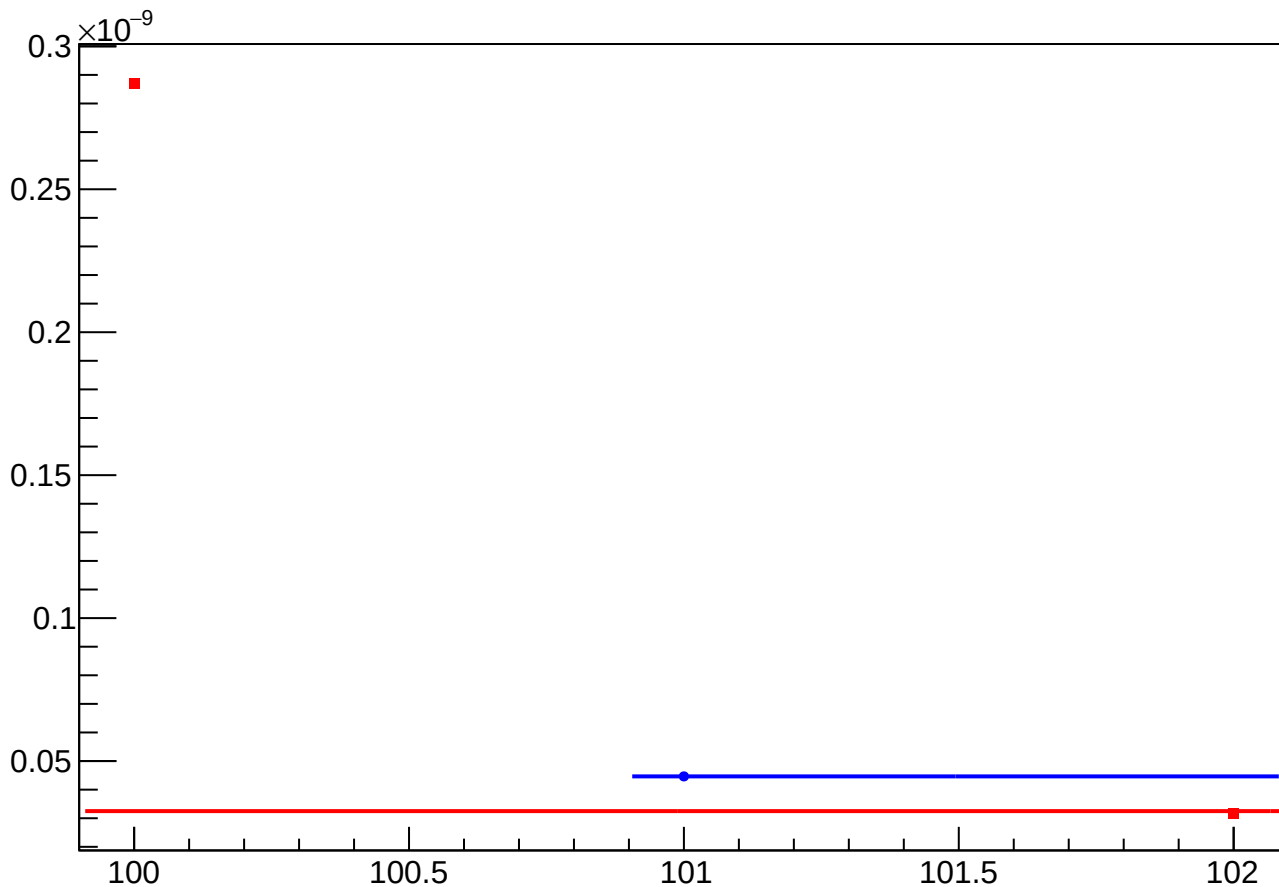
Right: 0.000+/-0.000 χ^2/NDF : 1.3/2

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 : 1.3/2

asym_atr1_reg_vs_cor_diff_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 : 72729.8/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

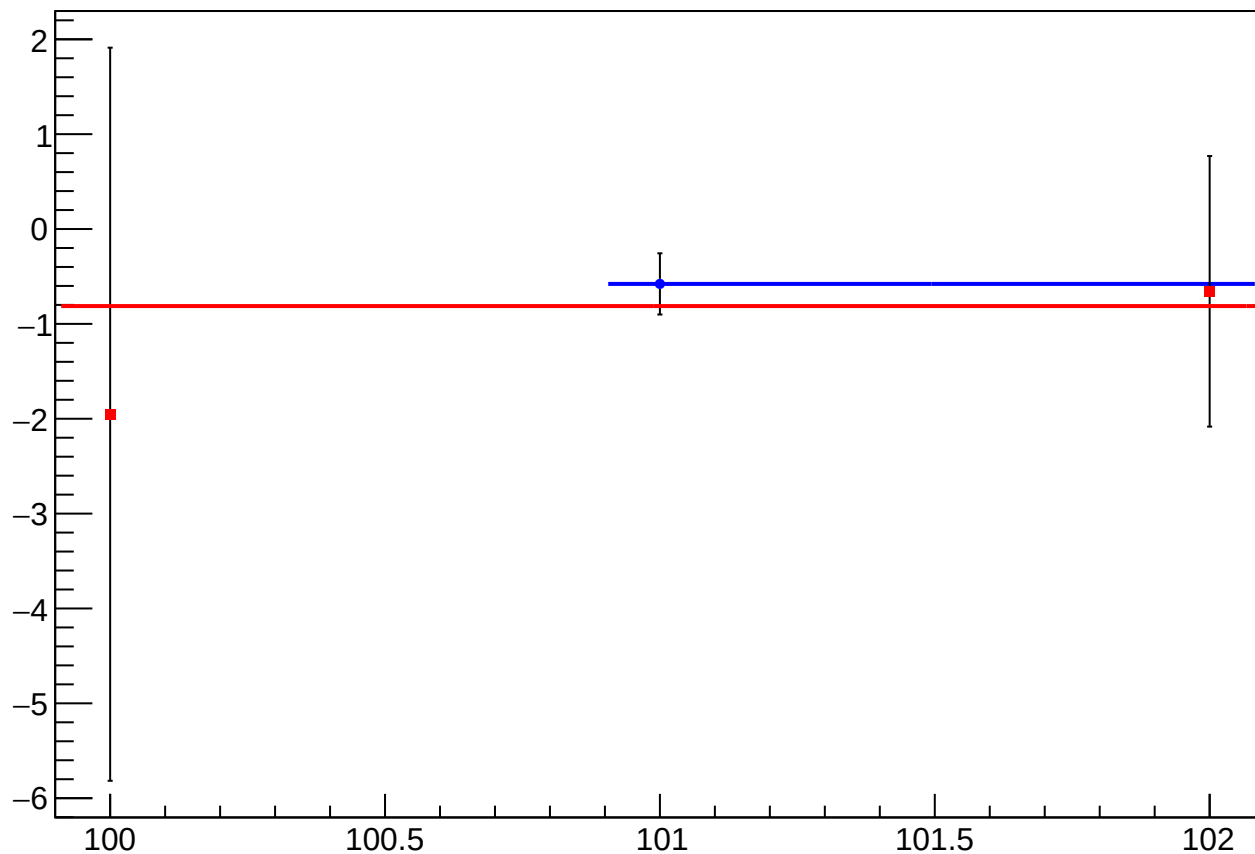
Right: 0.000+/-0.000 χ^2/NDF : 96726.7/2

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 : 96726.7/2

asym_atr1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.579+/-0.323 χ^2/NDF : 0.0/0

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

Right Out: -0.812+/-1.338 χ^2/NDF : 0.1/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

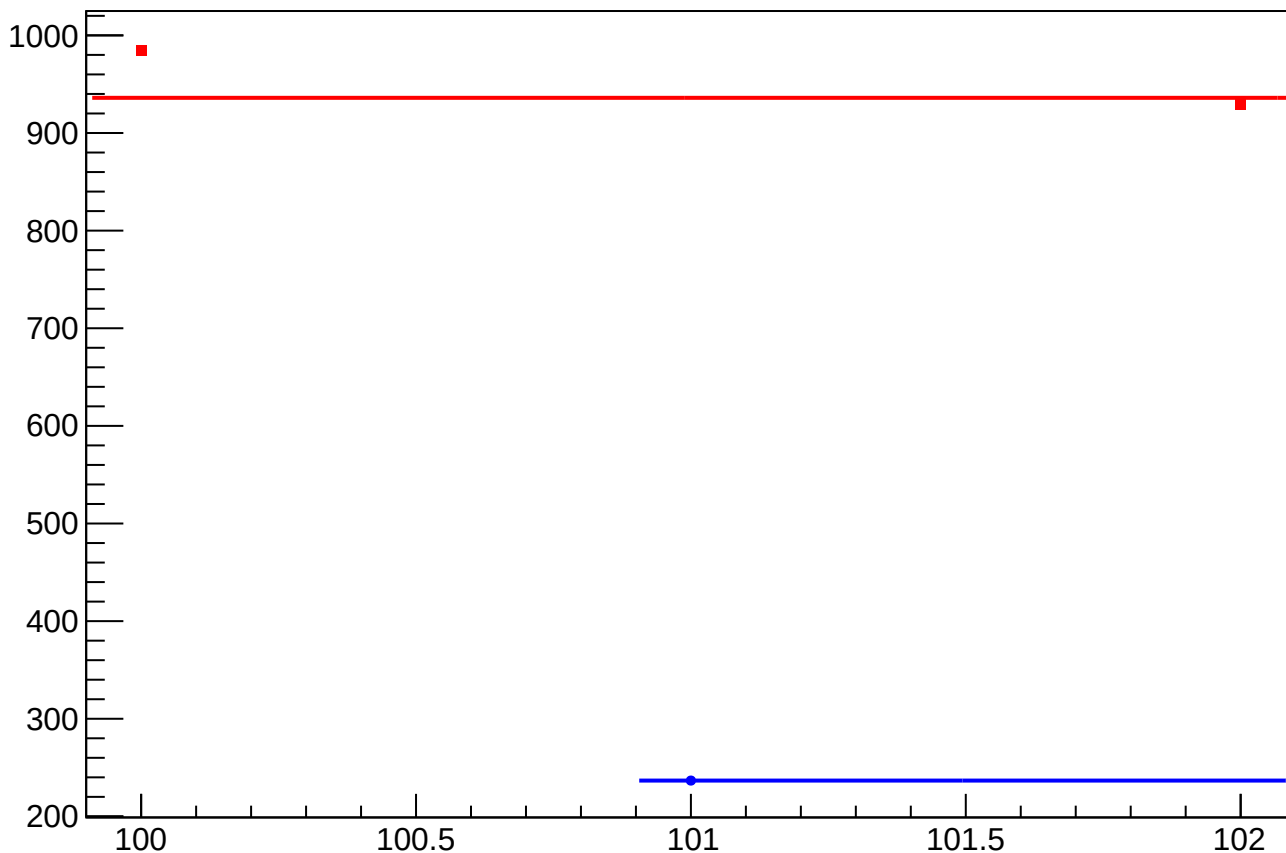
Right: -0.591+/-0.314 χ^2/NDF : 0.1/2

In: -0.579+/-0.323 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.591+/-0.314 χ^2/NDF : 0.1/2

asym_atr1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 236.686 $\pm$ 0.228 χ^2 /NDF: 0.0/0

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

Right Out: 936.033 $\pm$ 0.946 χ^2 /NDF: 360.0/1

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

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

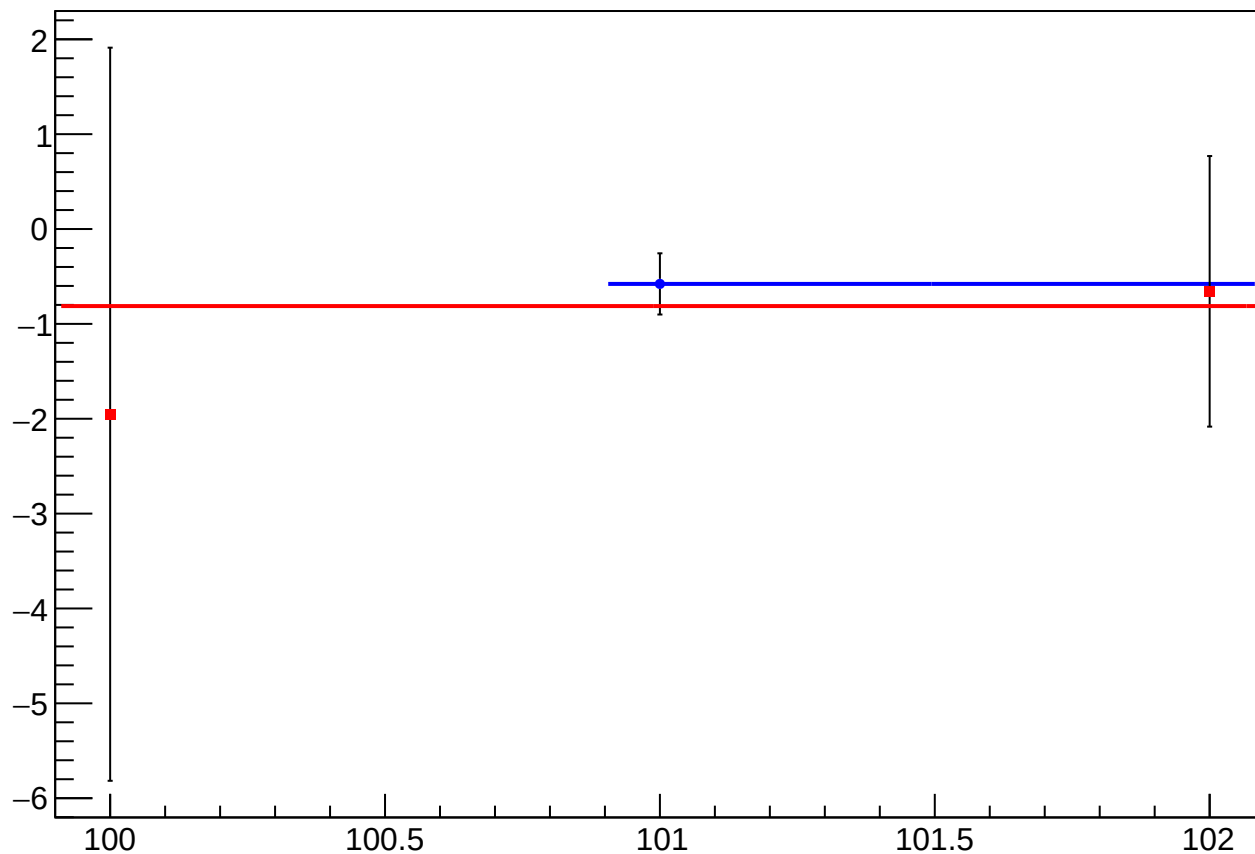
Right: 275.107 $\pm$ 0.222 χ^2 /NDF: 516722.8/2

In: 236.686 $\pm$ 0.228 χ^2 /NDF: 0.0/0

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

All: 275.107 $\pm$ 0.222 χ^2 /NDF: 516722.8/2

asym_atr1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.579+/-0.323 χ^2/NDF : 0.0/0

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

Right Out: -0.812+/-1.338 χ^2/NDF : 0.1/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

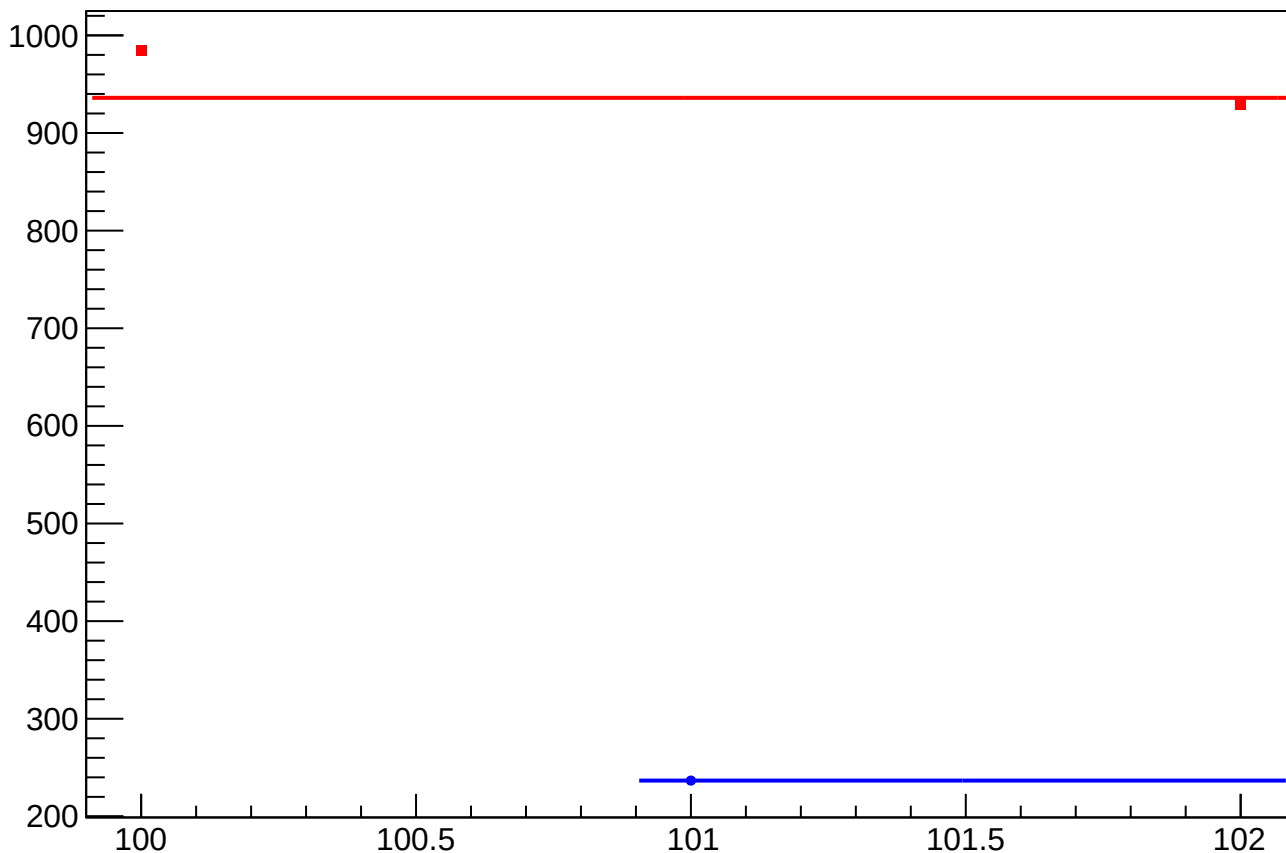
Right: -0.591+/-0.314 χ^2/NDF : 0.1/2

In: -0.579+/-0.323 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.591+/-0.314 χ^2/NDF : 0.1/2

asym_atr1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 236.686 $\pm$ 0.228 χ^2 /NDF: 0.0/0

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

Right Out: 936.033 $\pm$ 0.946 χ^2 /NDF: 360.0/1

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

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

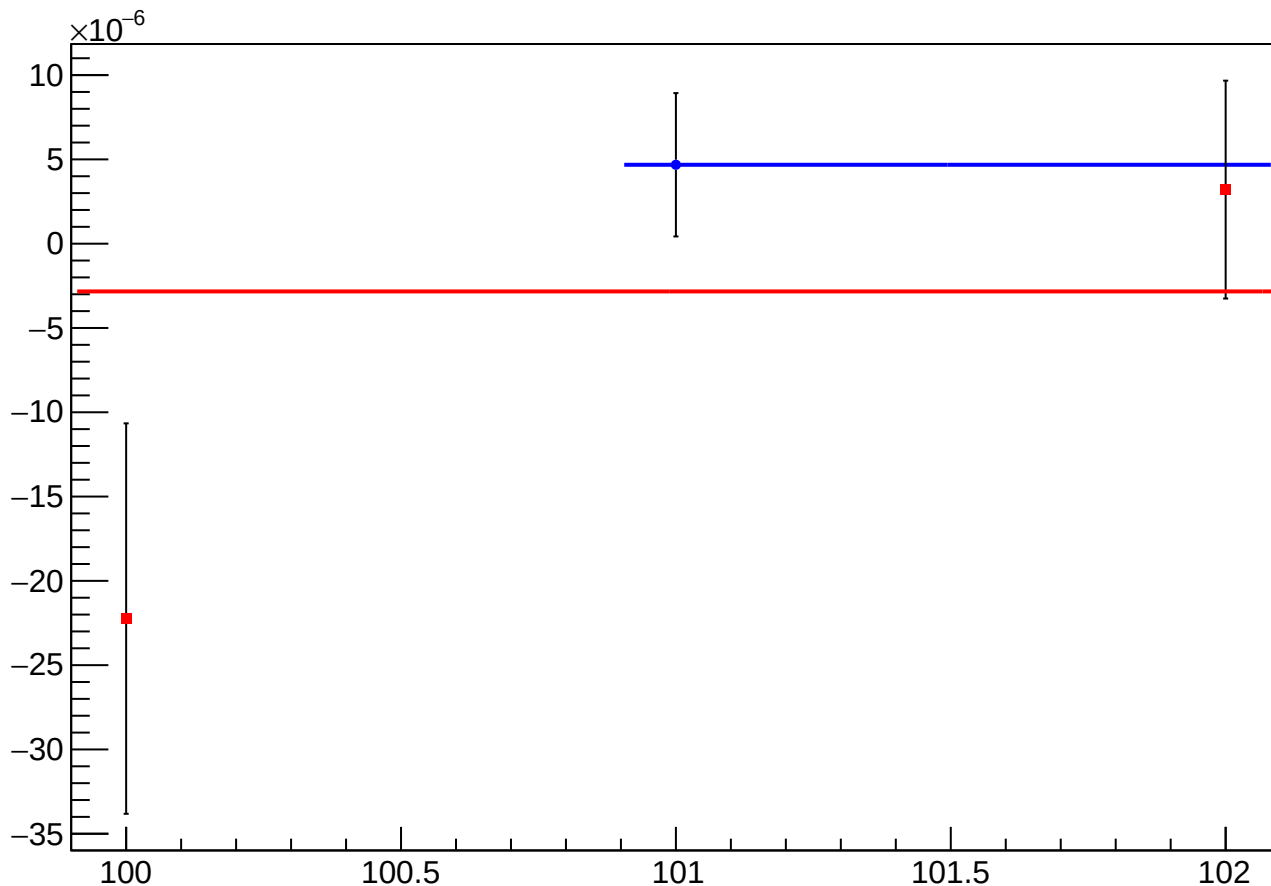
Right: 275.107 $\pm$ 0.222 χ^2 /NDF: 516722.8/2

In: 236.686 $\pm$ 0.228 χ^2 /NDF: 0.0/0

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

All: 275.107 $\pm$ 0.222 χ^2 /NDF: 516722.8/2

asym_atr1_eigen_dit_vs_dit_diff_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: 3.7/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

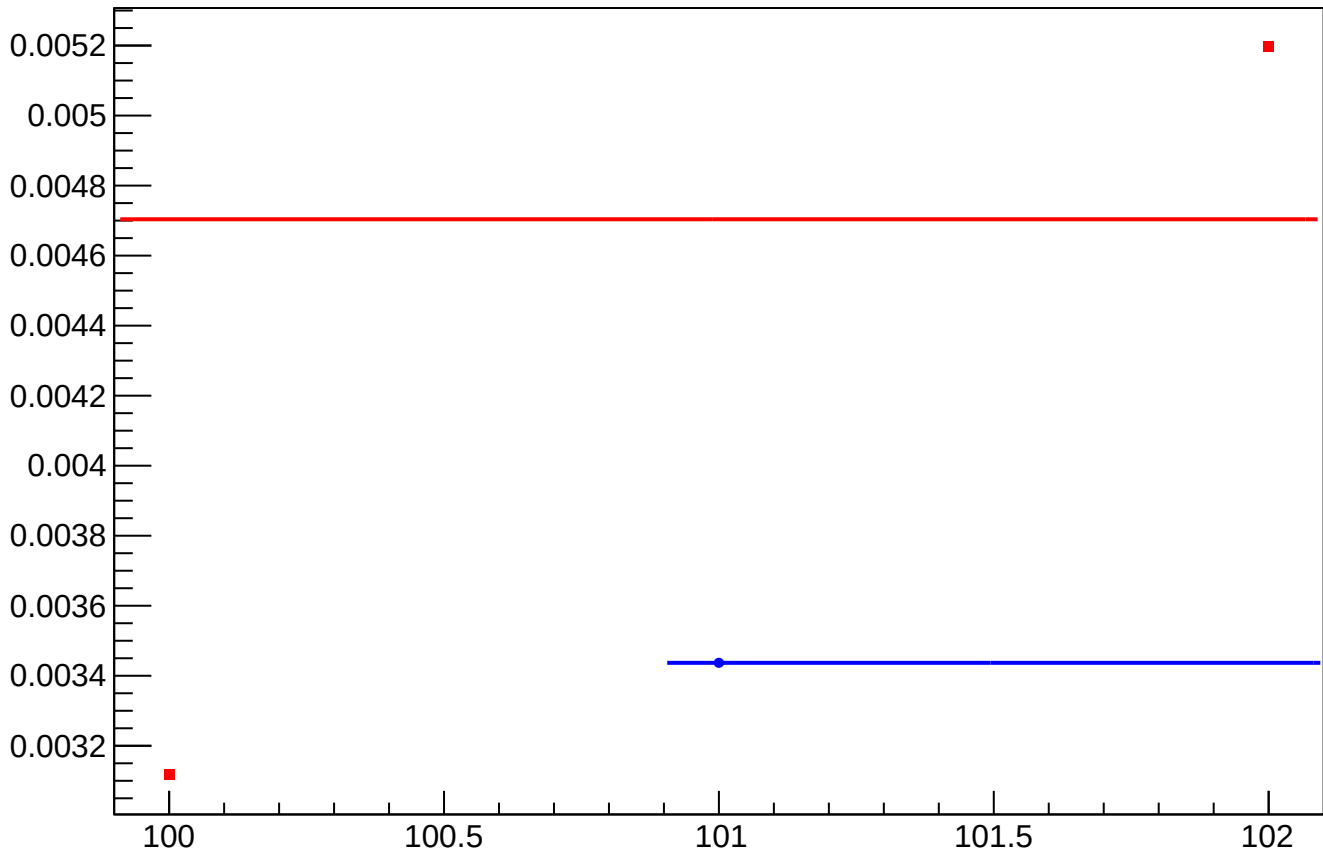
Right: 0.000+/-0.000 χ^2 /NDF: 4.8/2

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: 4.8/2

asym_atr1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.005+/-0.000 χ^2/NDF : 49265.4/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

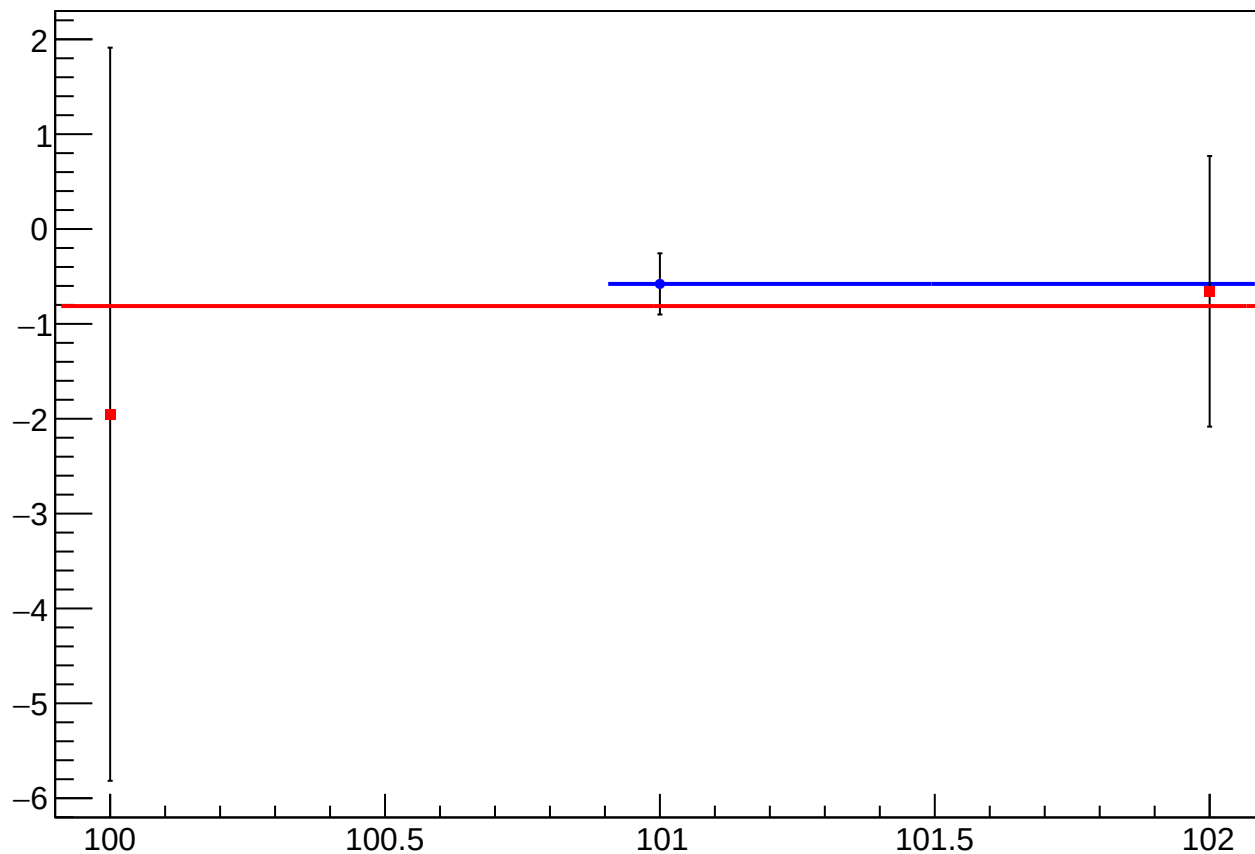
Right: 0.004+/-0.000 χ^2/NDF : 113583.8/2

In: 0.003+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 113583.8/2

asym_atr1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.579+/-0.323 χ^2/NDF : 0.0/0

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

Right Out: -0.812+/-1.338 χ^2/NDF : 0.1/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

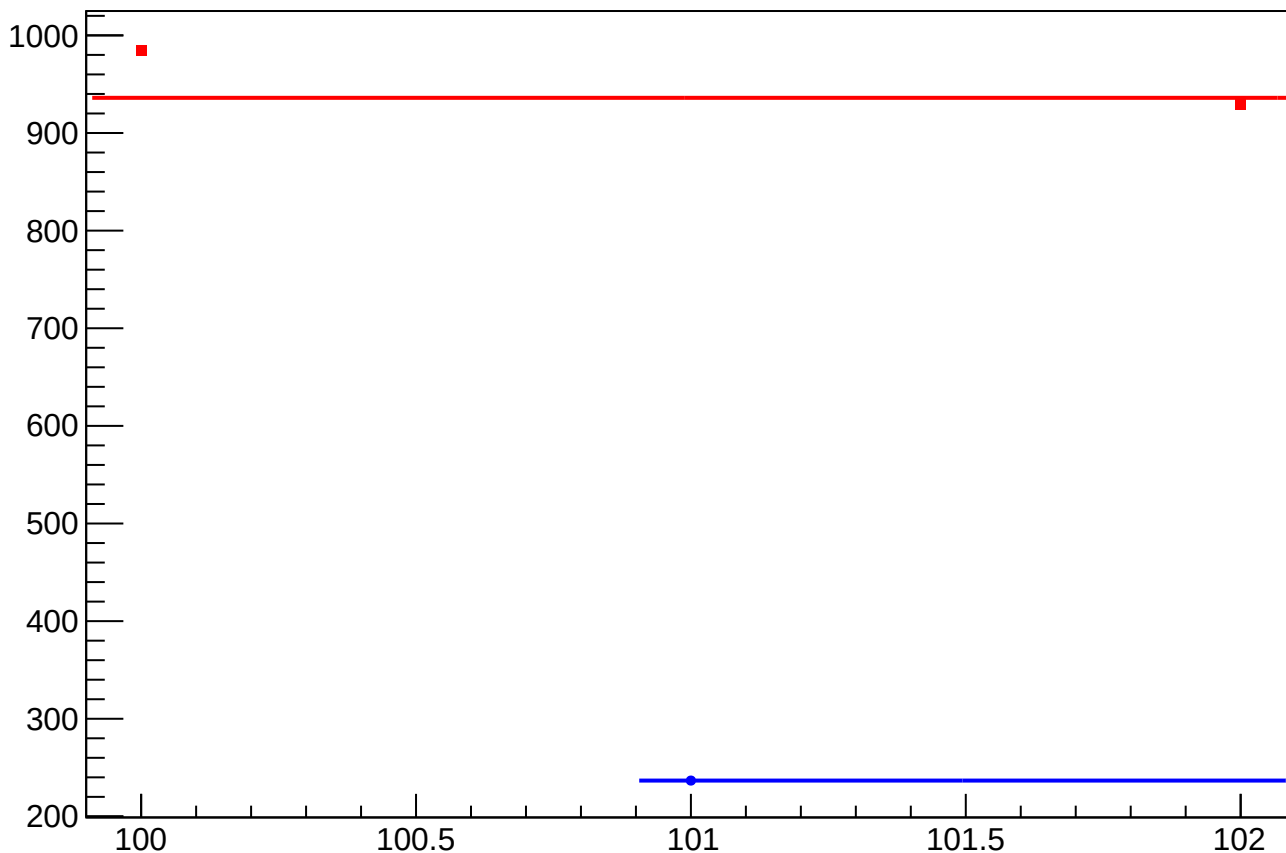
Right: -0.591+/-0.314 χ^2/NDF : 0.1/2

In: -0.579+/-0.323 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.591+/-0.314 χ^2/NDF : 0.1/2

asym_atr1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 236.687 $\pm$ 0.228 χ^2 /NDF: 0.0/0

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

Right Out: 936.032 $\pm$ 0.946 χ^2 /NDF: 360.1/1

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

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

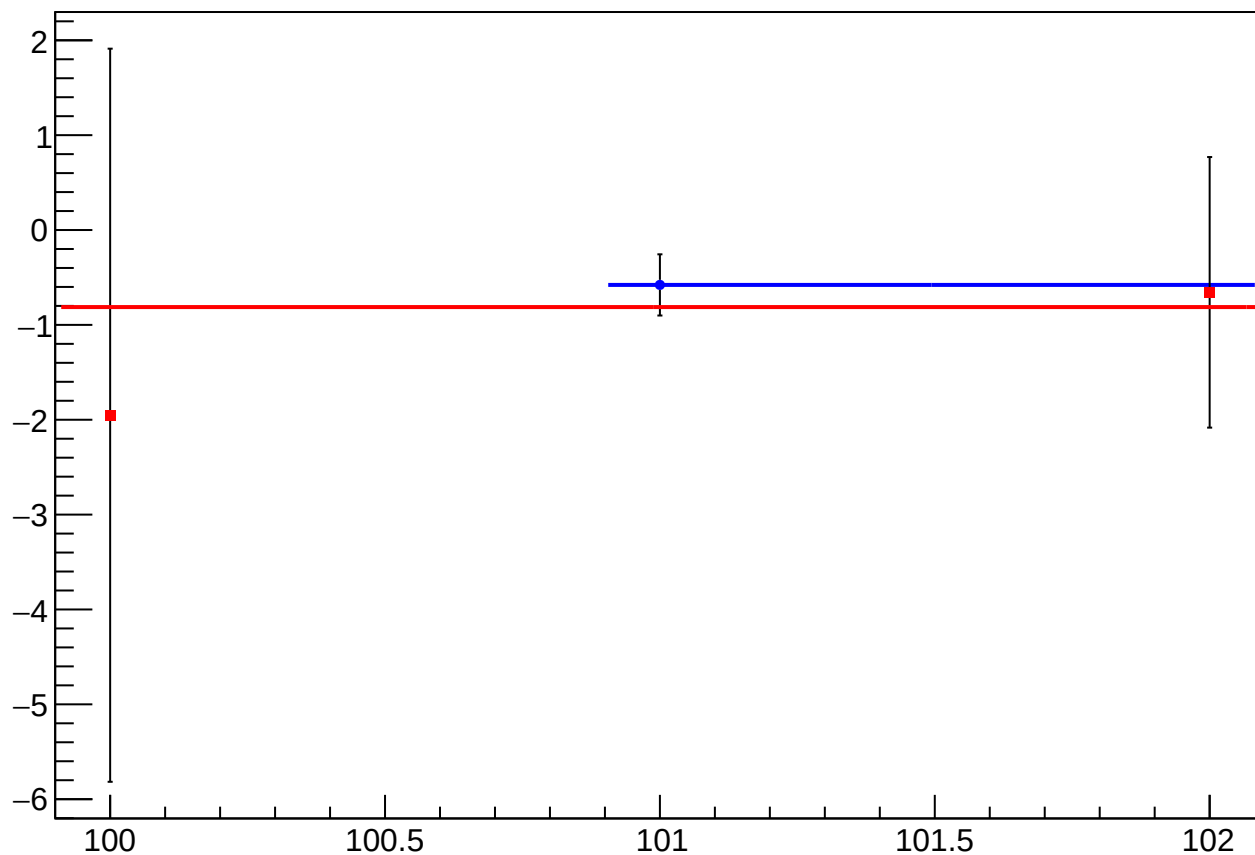
Right: 275.108 $\pm$ 0.222 χ^2 /NDF: 516720.0/2

In: 236.687 $\pm$ 0.228 χ^2 /NDF: 0.0/0

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

All: 275.108 $\pm$ 0.222 χ^2 /NDF: 516720.0/2

asym_atr1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.579+/-0.323 χ^2/NDF : 0.0/0

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

Right Out: -0.812+/-1.338 χ^2/NDF : 0.1/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

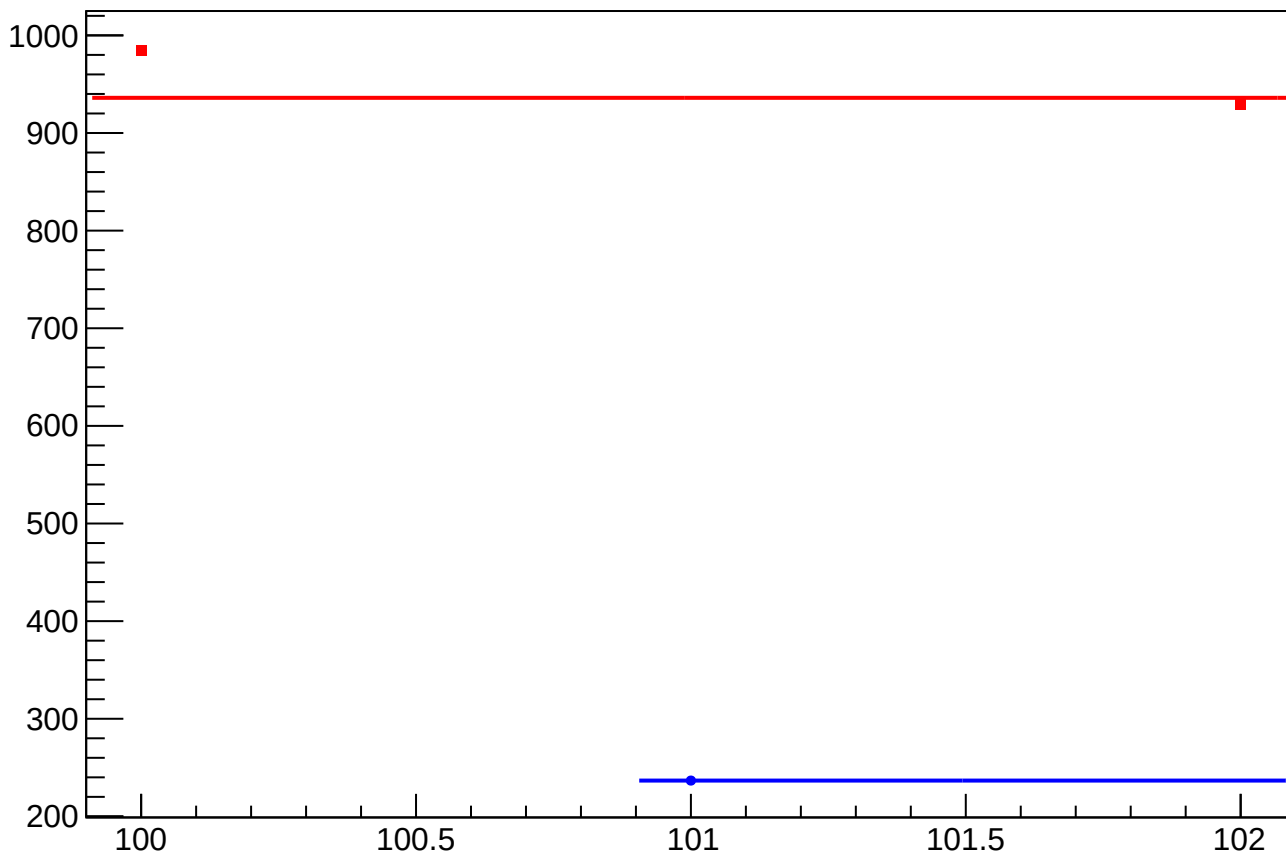
Right: -0.591+/-0.314 χ^2/NDF : 0.1/2

In: -0.579+/-0.323 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.591+/-0.314 χ^2/NDF : 0.1/2

asym_atr1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 236.687 $\pm$ 0.228 χ^2 /NDF: 0.0/0

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

Right Out: 936.032 $\pm$ 0.946 χ^2 /NDF: 360.1/1

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

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

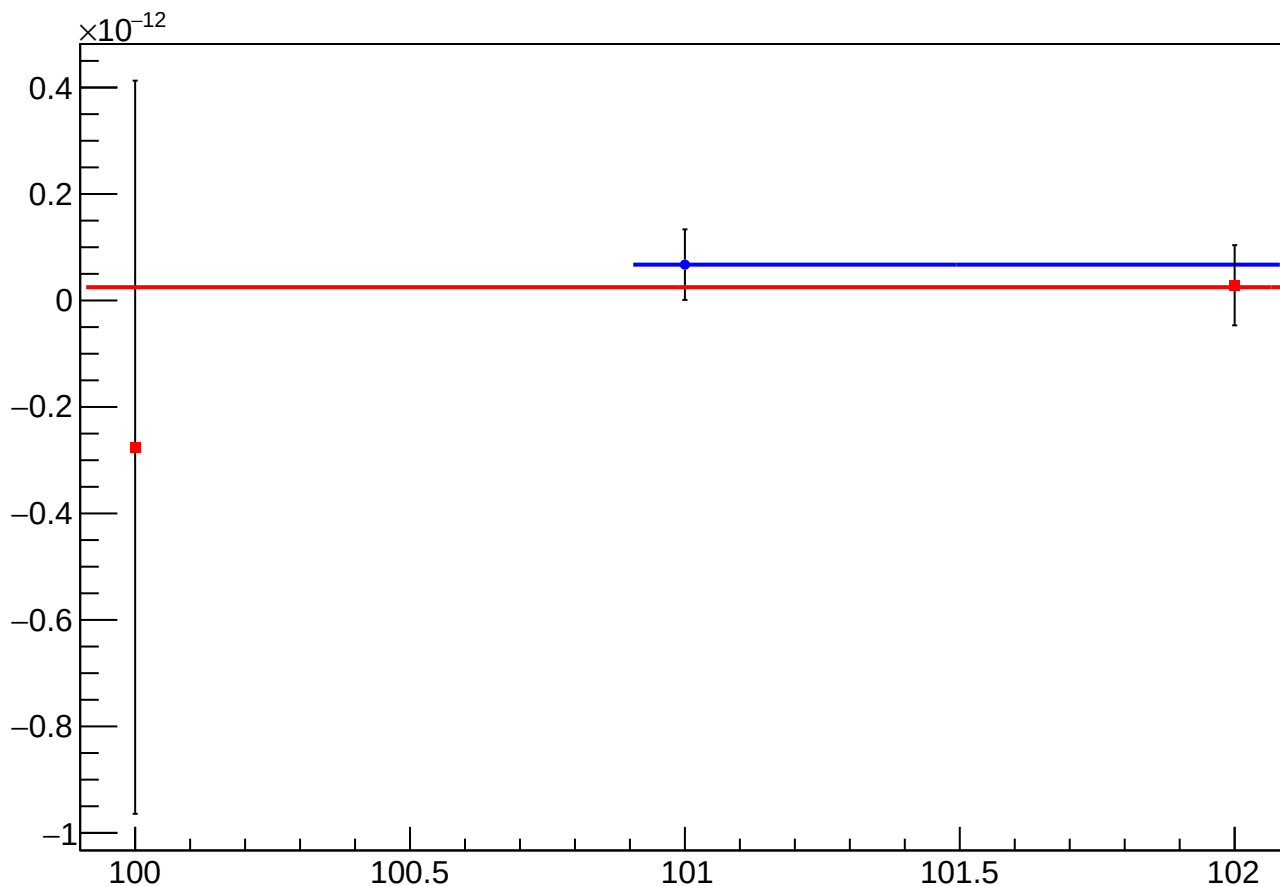
Right: 275.108 $\pm$ 0.222 χ^2 /NDF: 516720.0/2

In: 236.687 $\pm$ 0.228 χ^2 /NDF: 0.0/0

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

All: 275.108 $\pm$ 0.222 χ^2 /NDF: 516720.0/2

asym_atr1_eigen_cor_vs_cor_diff_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 : 0.2/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

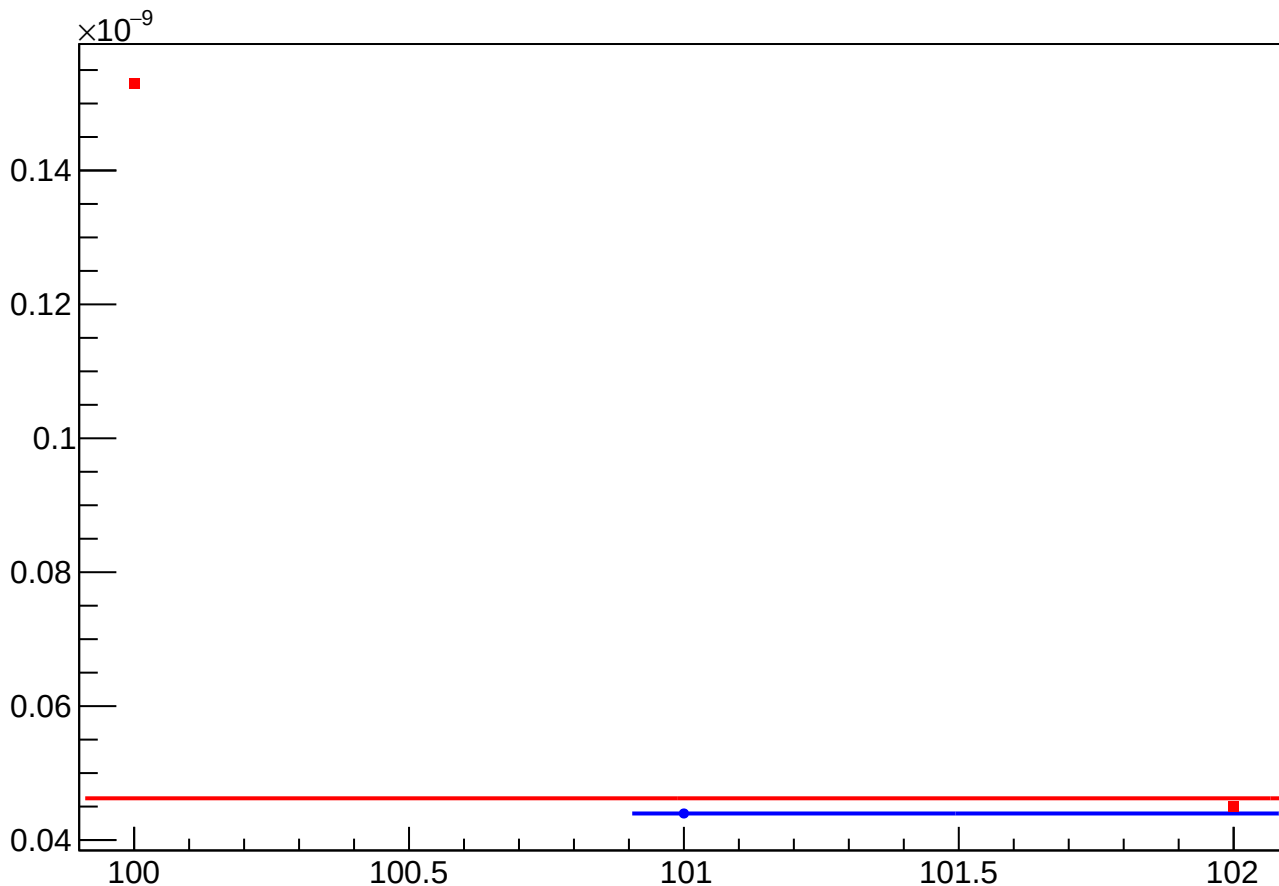
Right: 0.000+/-0.000 χ^2/NDF : 0.4/2

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 : 0.4/2

asym_atr1_eigen_cor_vs_cor_diff_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 : 48600.2/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

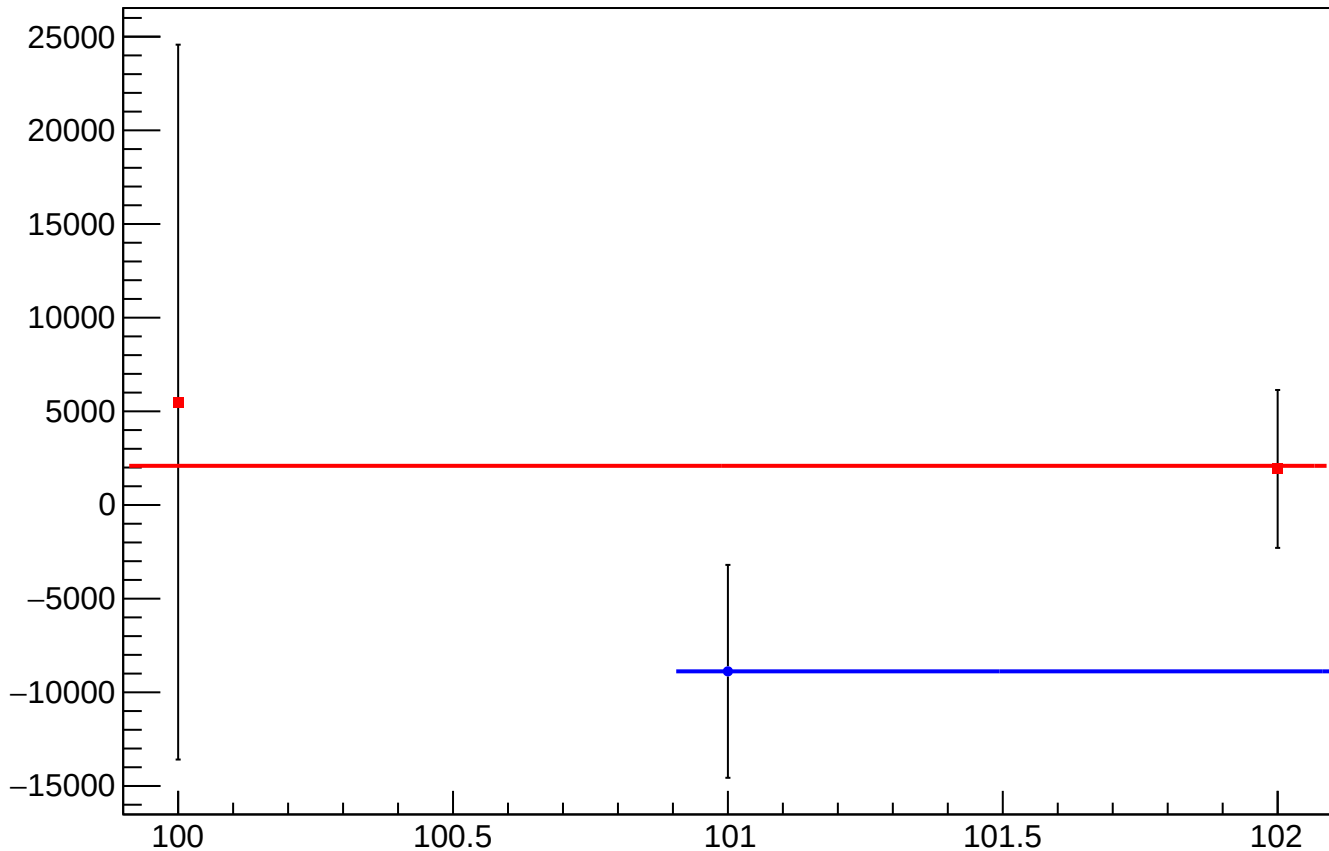
Right: 0.000+/-0.000 χ^2/NDF : 49629.1/2

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 : 49629.1/2

reg_asym_atr2_mean vs Slug, Sign Corrected



Right In: -8880.032+/-5682.775 χ^2/NDF : 0.0/0

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

Right Out: 2091.154+/-4115.390 χ^2/NDF : 0.0/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

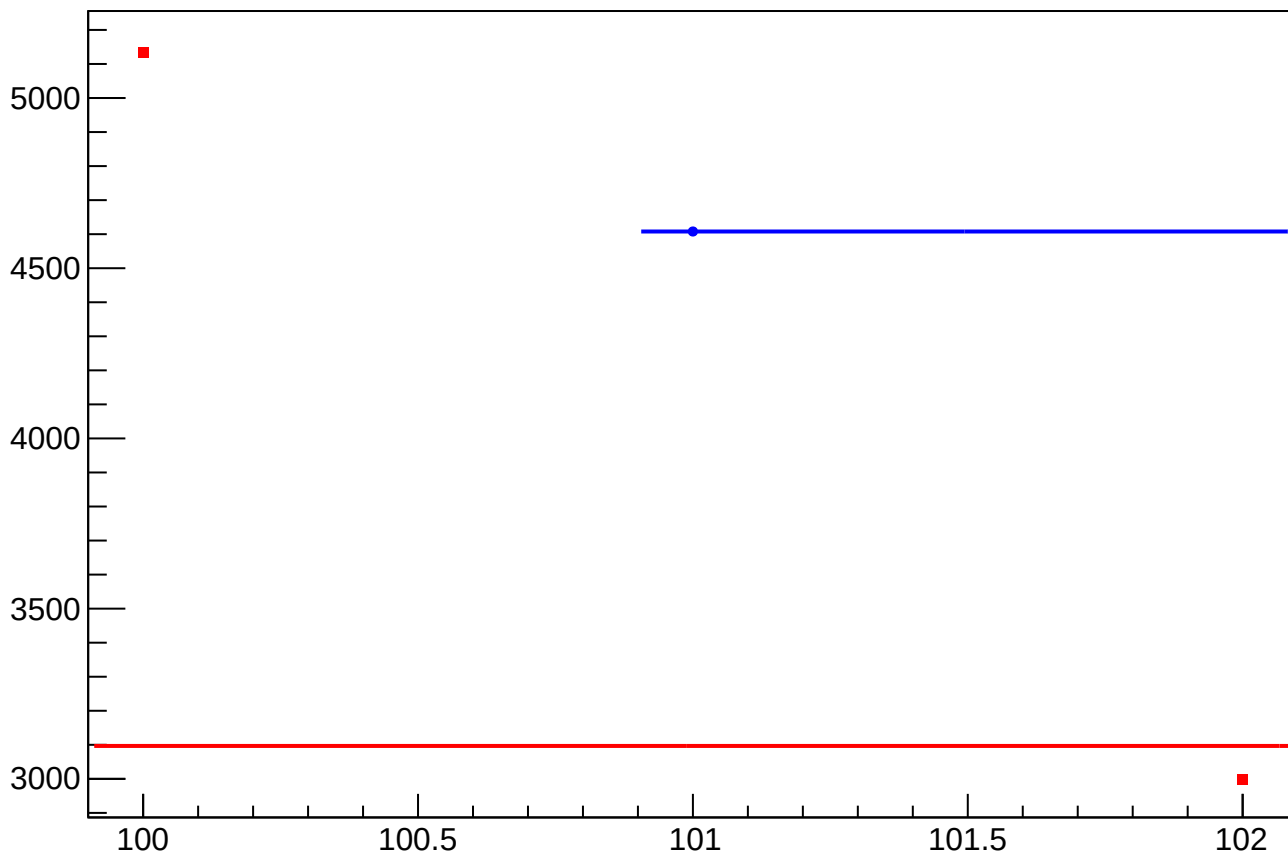
Right: -1683.199+/-3333.150 χ^2/NDF : 2.5/2

In: -8880.032+/-5682.775 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1683.199+/-3333.150 χ^2/NDF : 2.5/2

reg_asym_atr2_rms vs Slug, Sign Corrected



Right In: 4607.879+/-4.018 χ^2/NDF : 0.0/0

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

Right Out: 3096.689+/-2.910 χ^2/NDF : 23922.7/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

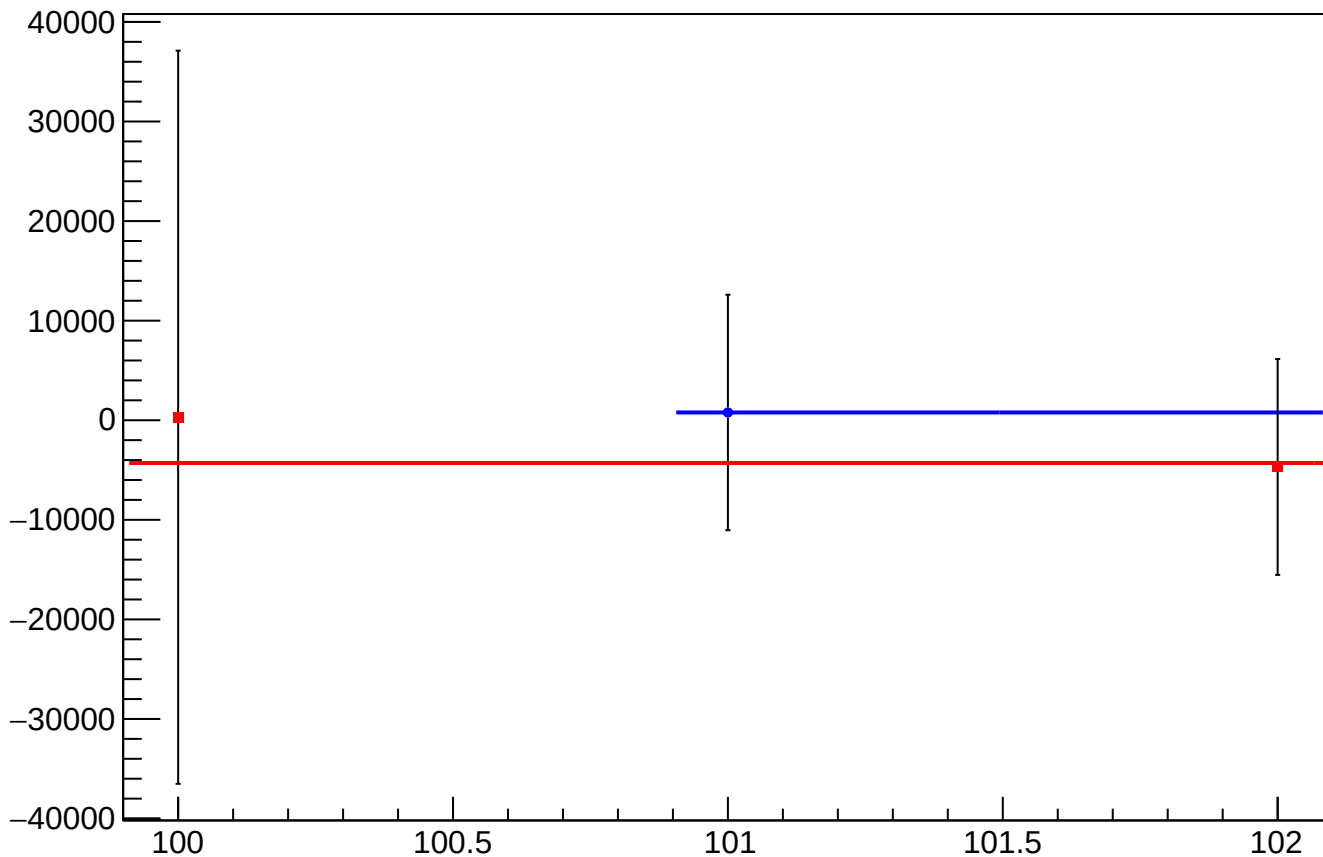
Right: 3616.574+/-2.357 χ^2/NDF : 116698.7/2

In: 4607.879+/-4.018 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3616.574+/-2.357 χ^2/NDF : 116698.7/2

asym_atr2_reg_correction_mean vs Slug, Sign Corrected



Right In: 780.624+/-11825.767 χ^2 /NDF: 0.0/0

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

Right Out: -4292.363+/-10397.244 χ^2 /NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

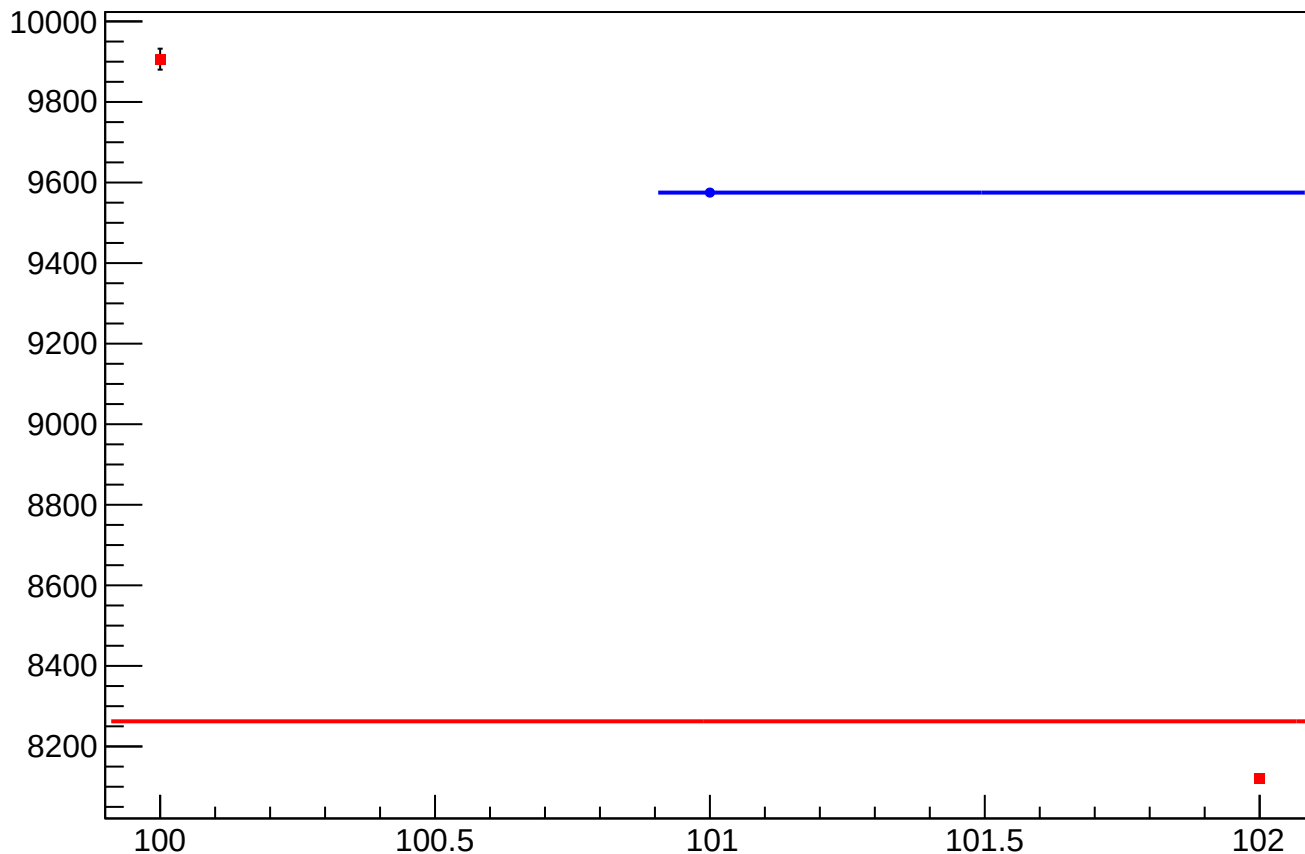
Right: -2080.625+/-7808.439 χ^2 /NDF: 0.1/2

In: 780.624+/-11825.767 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2080.625+/-7808.439 χ^2 /NDF: 0.1/2

asym_atr2_reg_correction_rms vs Slug, Sign Corrected



Right In: 9575.014+/-8.362 χ^2/NDF : 0.0/0

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

Right Out: 8262.437+/-7.352 χ^2/NDF : 4333.9/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

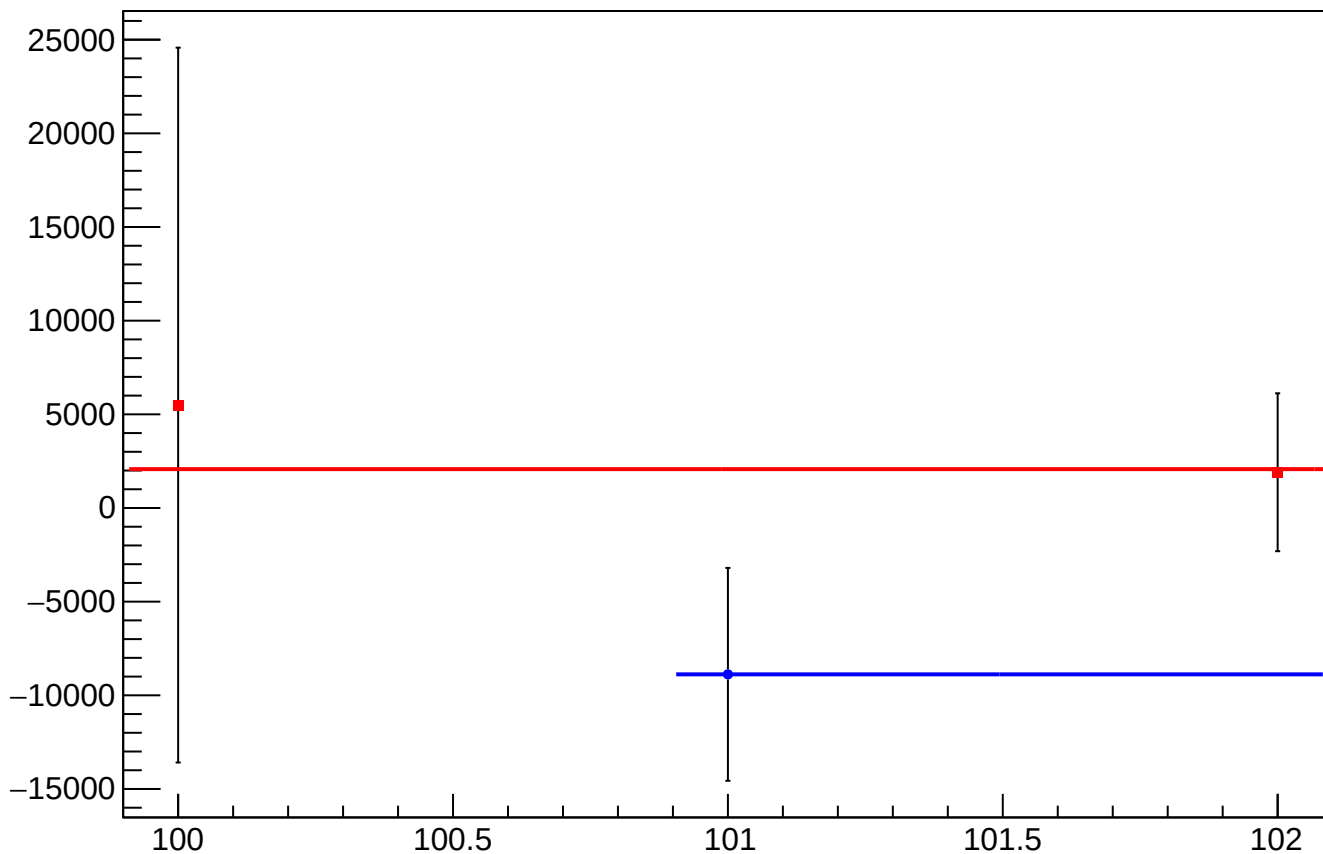
Right: 8834.699+/-5.521 χ^2/NDF : 18230.7/2

In: 9575.014+/-8.362 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8834.699+/-5.521 χ^2/NDF : 18230.7/2

cor_asym_atr2_mean vs Slug, Sign Corrected



Right In: -8880.492 $\pm$ 5682.775 χ^2 /NDF: 0.0/0

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

Right Out: 2075.213 $\pm$ 4115.406 χ^2 /NDF: 0.0/1

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

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

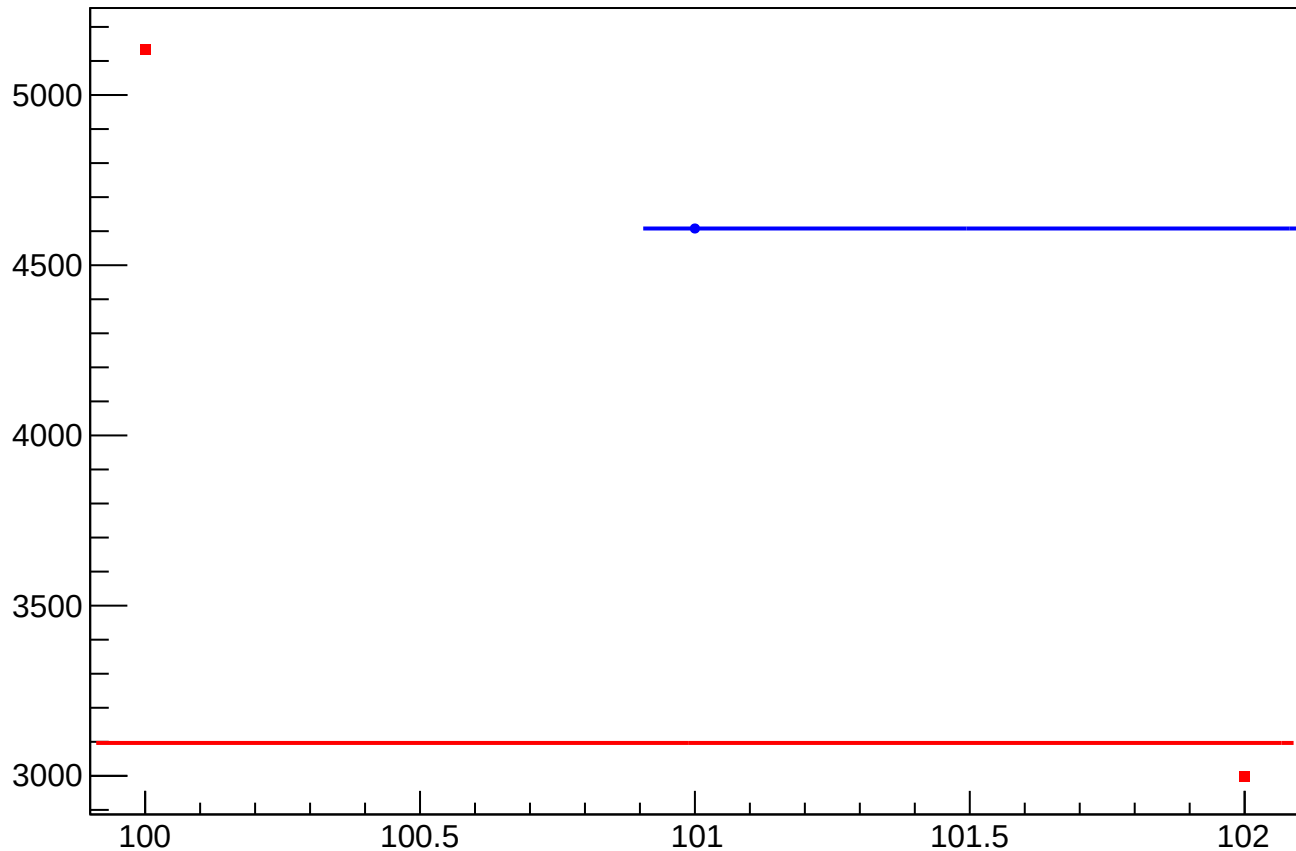
Right: -1693.833 $\pm$ 3333.159 χ^2 /NDF: 2.5/2

In: -8880.492 $\pm$ 5682.775 χ^2 /NDF: 0.0/0

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

All: -1693.833 $\pm$ 3333.159 χ^2 /NDF: 2.5/2

cor_asym_atr2_rms vs Slug, Sign Corrected



Right In: 4607.879+/-4.018 χ^2/NDF : 0.0/0

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

Right Out: 3096.693+/-2.910 χ^2/NDF : 23922.6/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

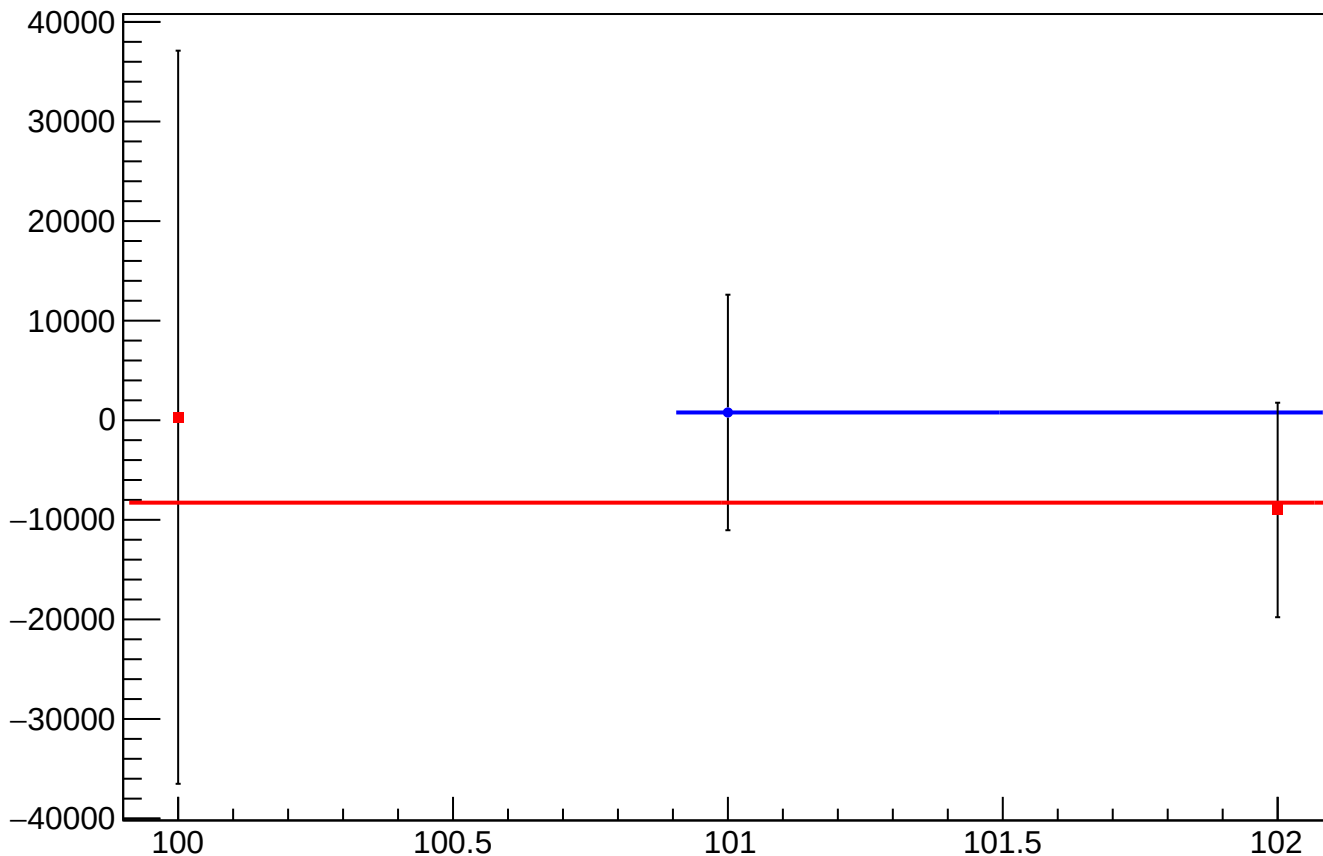
Right: 3616.580+/-2.357 χ^2/NDF : 116697.8/2

In: 4607.879+/-4.018 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3616.580+/-2.357 χ^2/NDF : 116697.8/2

asym_atr2_cor_correction_mean vs Slug, Sign Corrected



Right In: 780.513+/-11825.760 χ^2/NDF : 0.0/0

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

Right Out: -8276.540+/-10336.604 χ^2/NDF : 0.1/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

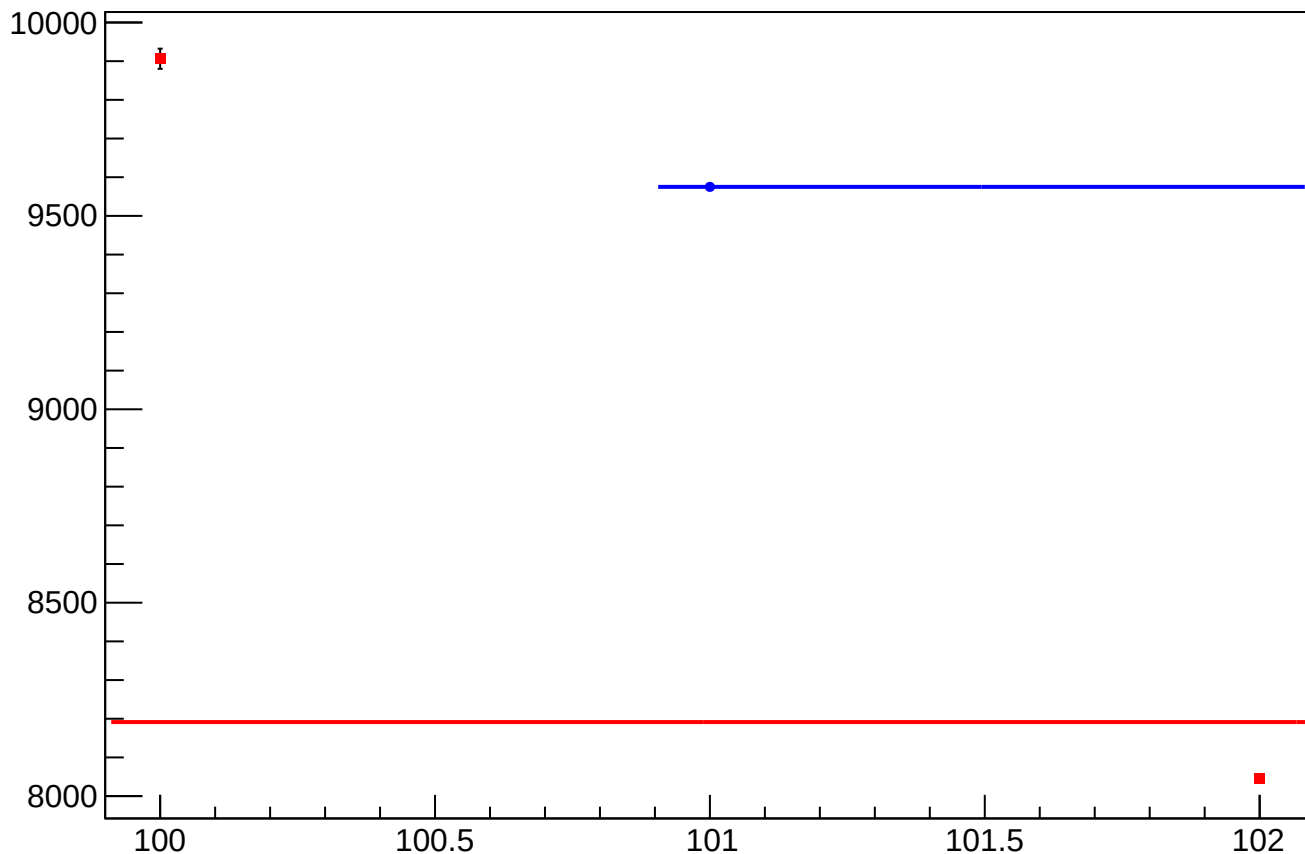
Right: -4353.848+/-7782.653 χ^2/NDF : 0.4/2

In: 780.513+/-11825.760 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4353.848+/-7782.653 χ^2/NDF : 0.4/2

asym_atr2_cor_correction_rms vs Slug, Sign Corrected



Right In: 9575.008+/-8.362 χ^2/NDF : 0.0/0

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

Right Out: 8191.387+/-7.309 χ^2/NDF : 4711.8/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

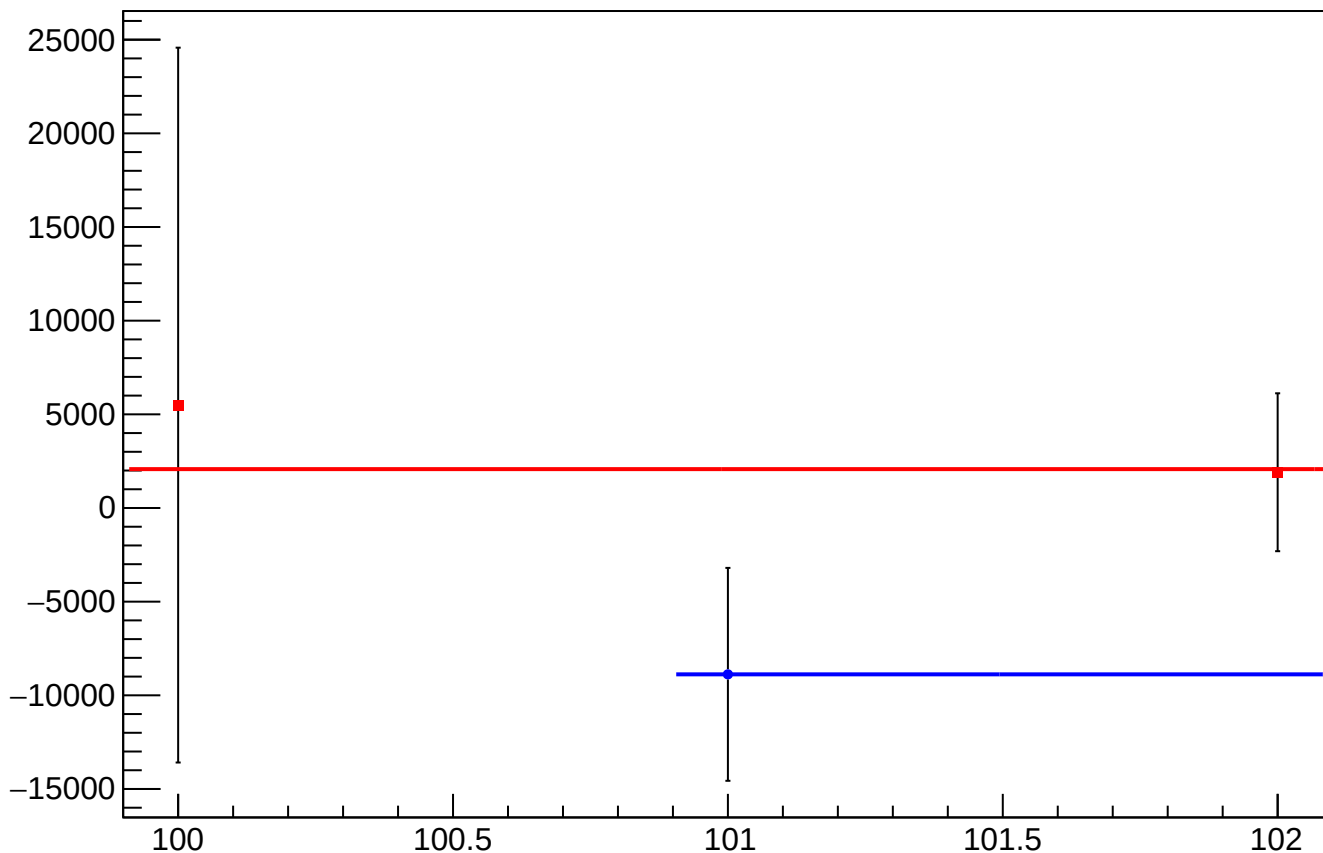
Right: 8790.646+/-5.503 χ^2/NDF : 20232.3/2

In: 9575.008+/-8.362 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8790.646+/-5.503 χ^2/NDF : 20232.3/2

eigen_cor_asym_atr2_mean vs Slug, Sign Corrected



Right In: -8880.492+/-5682.775 χ^2 /NDF: 0.0/0

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

Right Out: 2075.213+/-4115.406 χ^2 /NDF: 0.0/1

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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

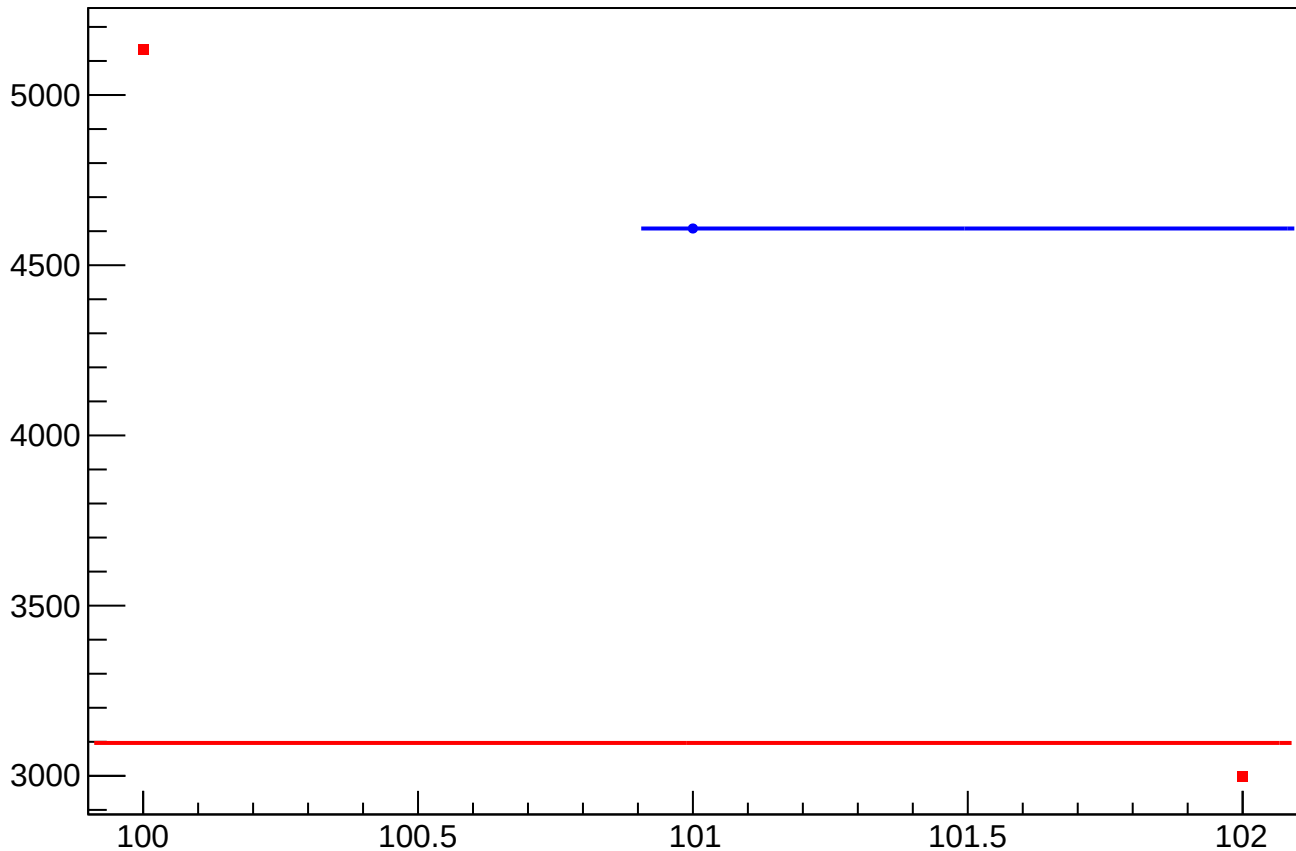
Right: -1693.833+/-3333.159 χ^2 /NDF: 2.5/2

In: -8880.492+/-5682.775 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1693.833+/-3333.159 χ^2 /NDF: 2.5/2

eigen_cor_asym_atr2_rms vs Slug, Sign Corrected



Right In: 4607.879+/-4.018 χ^2/NDF : 0.0/0

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

Right Out: 3096.693+/-2.910 χ^2/NDF : 23922.6/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

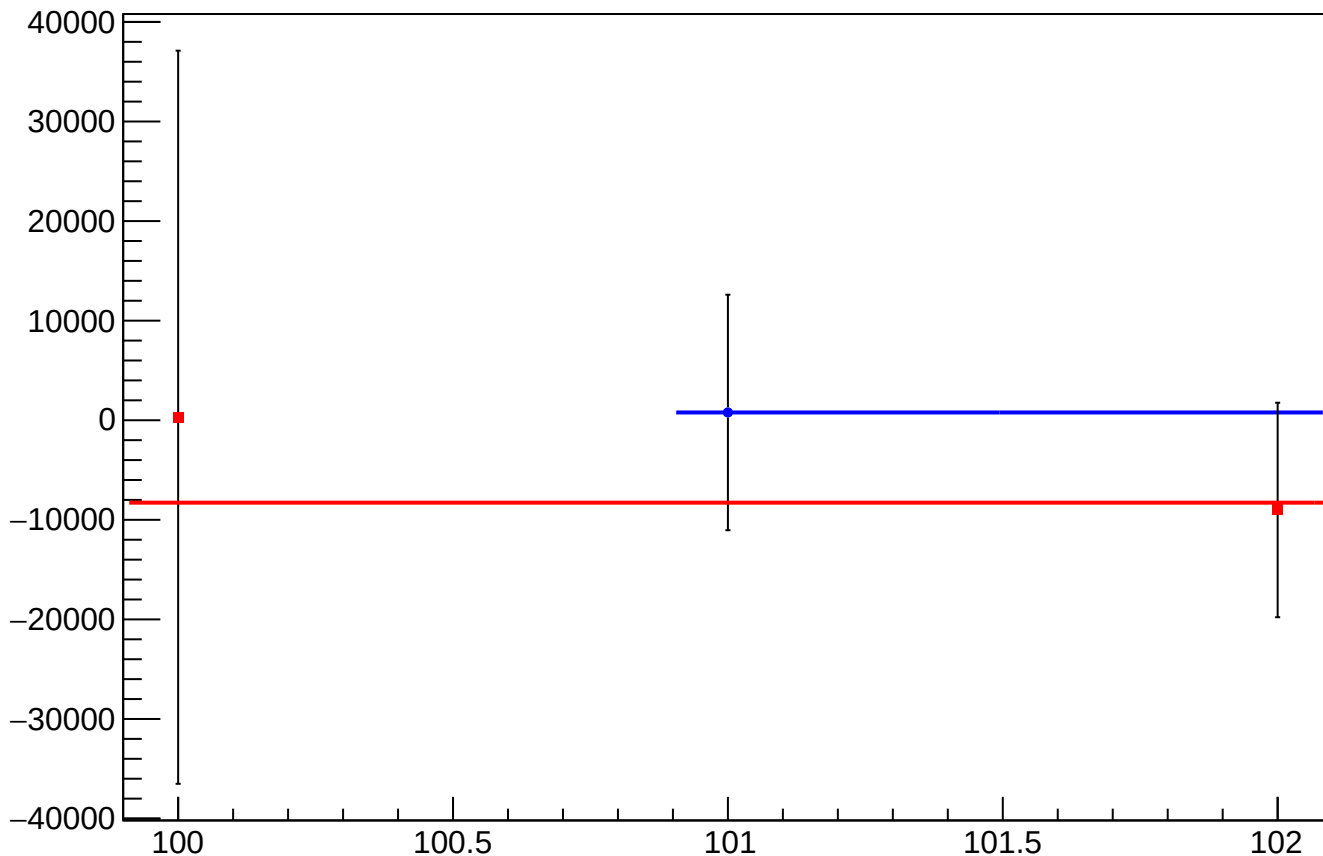
Right: 3616.580+/-2.357 χ^2/NDF : 116697.8/2

In: 4607.879+/-4.018 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3616.580+/-2.357 χ^2/NDF : 116697.8/2

asym_atr2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 780.513+/-11825.760 χ^2/NDF : 0.0/0

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

Right Out: -8276.540+/-10336.604 χ^2/NDF : 0.1/1

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

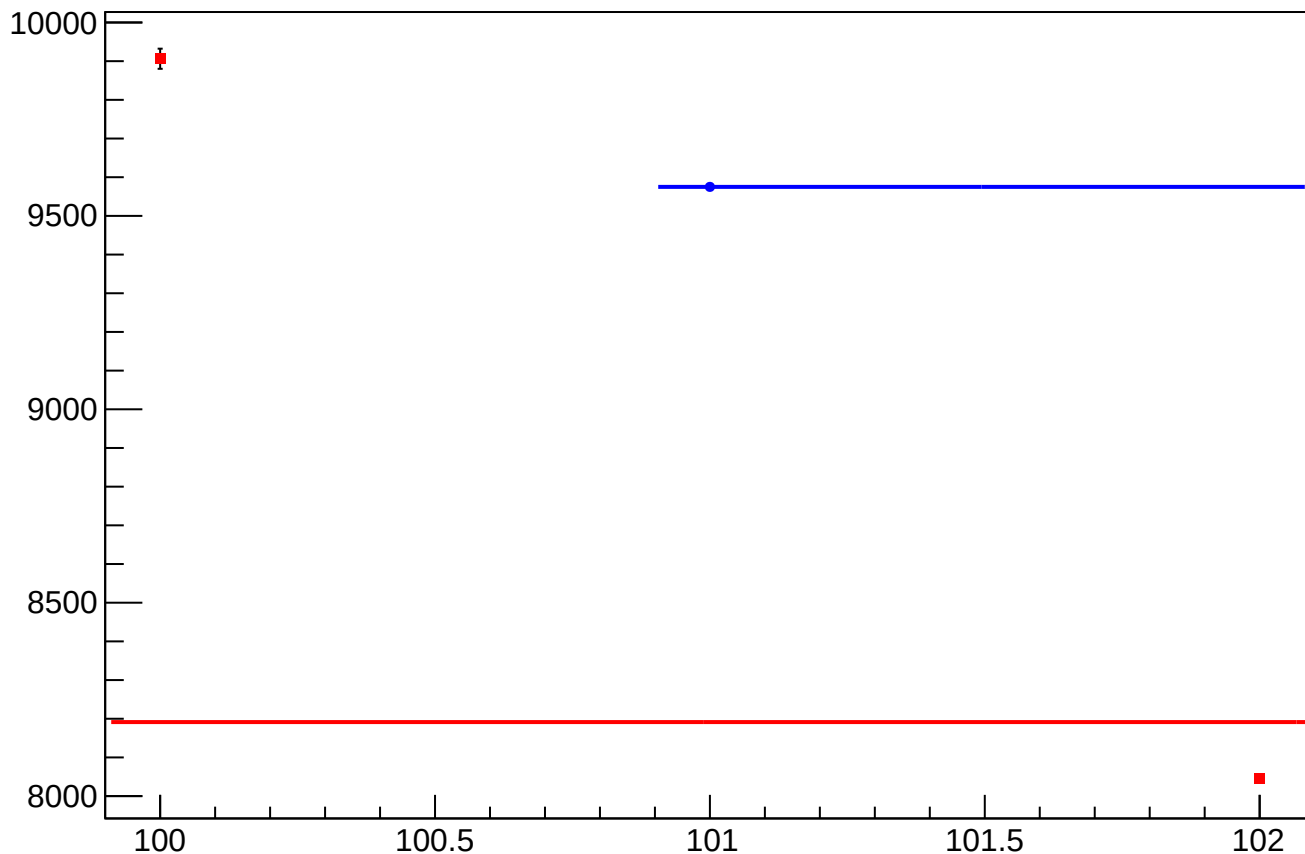
Right: -4353.848+/-7782.653 χ^2/NDF : 0.4/2

In: 780.513+/-11825.760 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4353.848+/-7782.653 χ^2/NDF : 0.4/2

asym_atr2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 9575.008+/-8.362 χ^2/NDF : 0.0/0

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

Right Out: 8191.387+/-7.309 χ^2/NDF : 4711.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

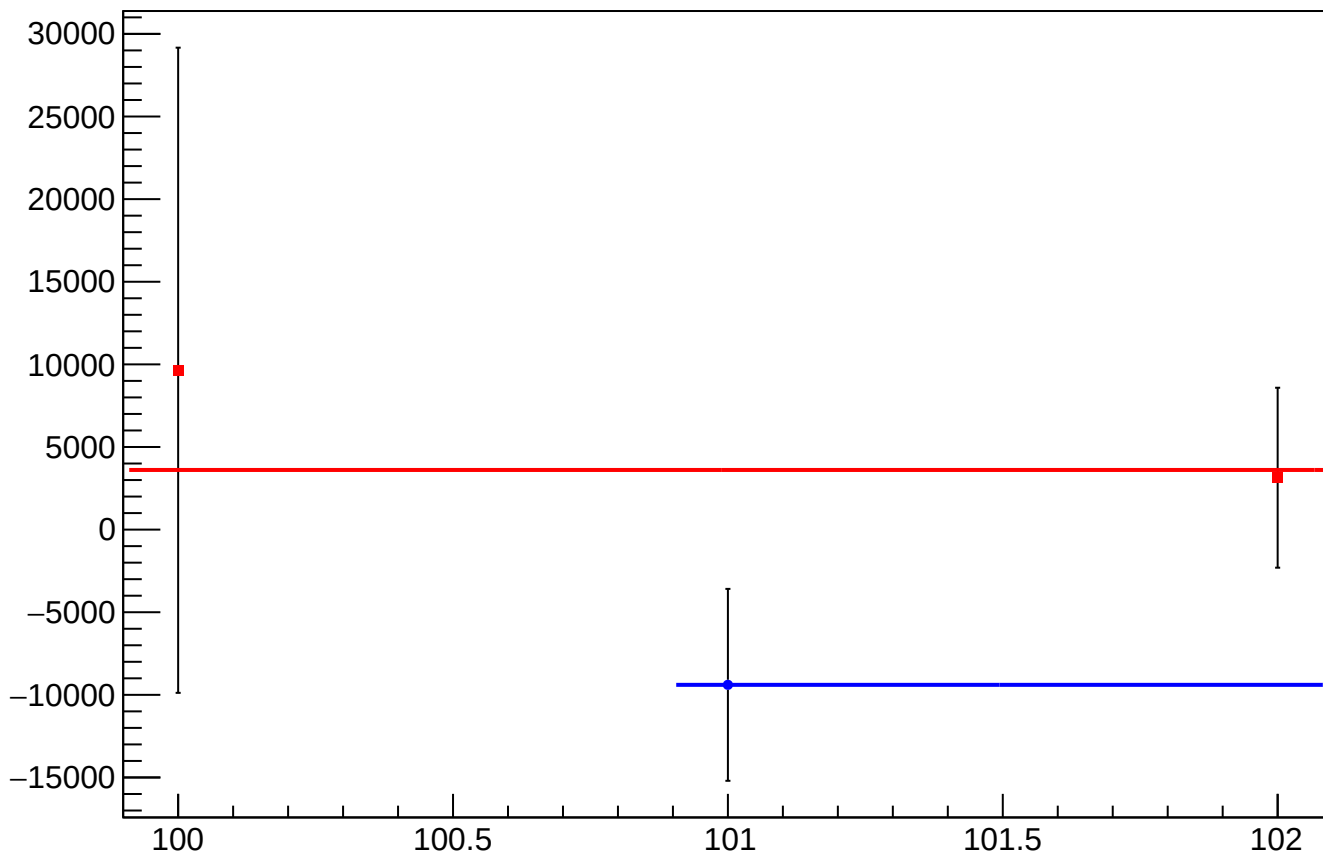
Right: 8790.646+/-5.503 χ^2/NDF : 20232.3/2

In: 9575.008+/-8.362 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8790.646+/-5.503 χ^2/NDF : 20232.3/2

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: -9394.572+/-5806.979 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3609.967+/-5245.043 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

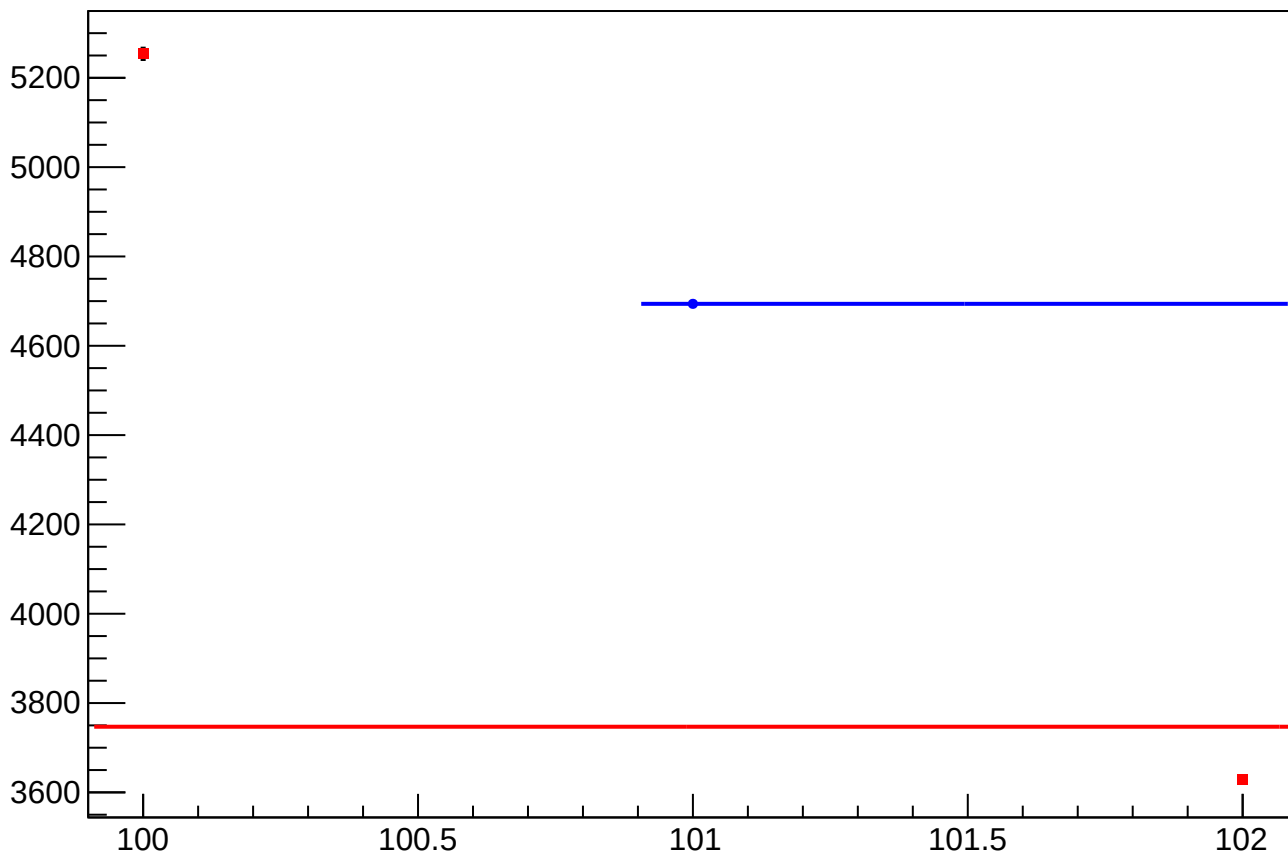
Right: -2232.796+/-3892.351 χ^2/NDF : 2.9/2

In: -9394.572+/-5806.979 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2232.796+/-3892.351 χ^2/NDF : 2.9/2

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 4693.921+/-4.106 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3746.989+/-3.709 χ^2/NDF : 12839.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

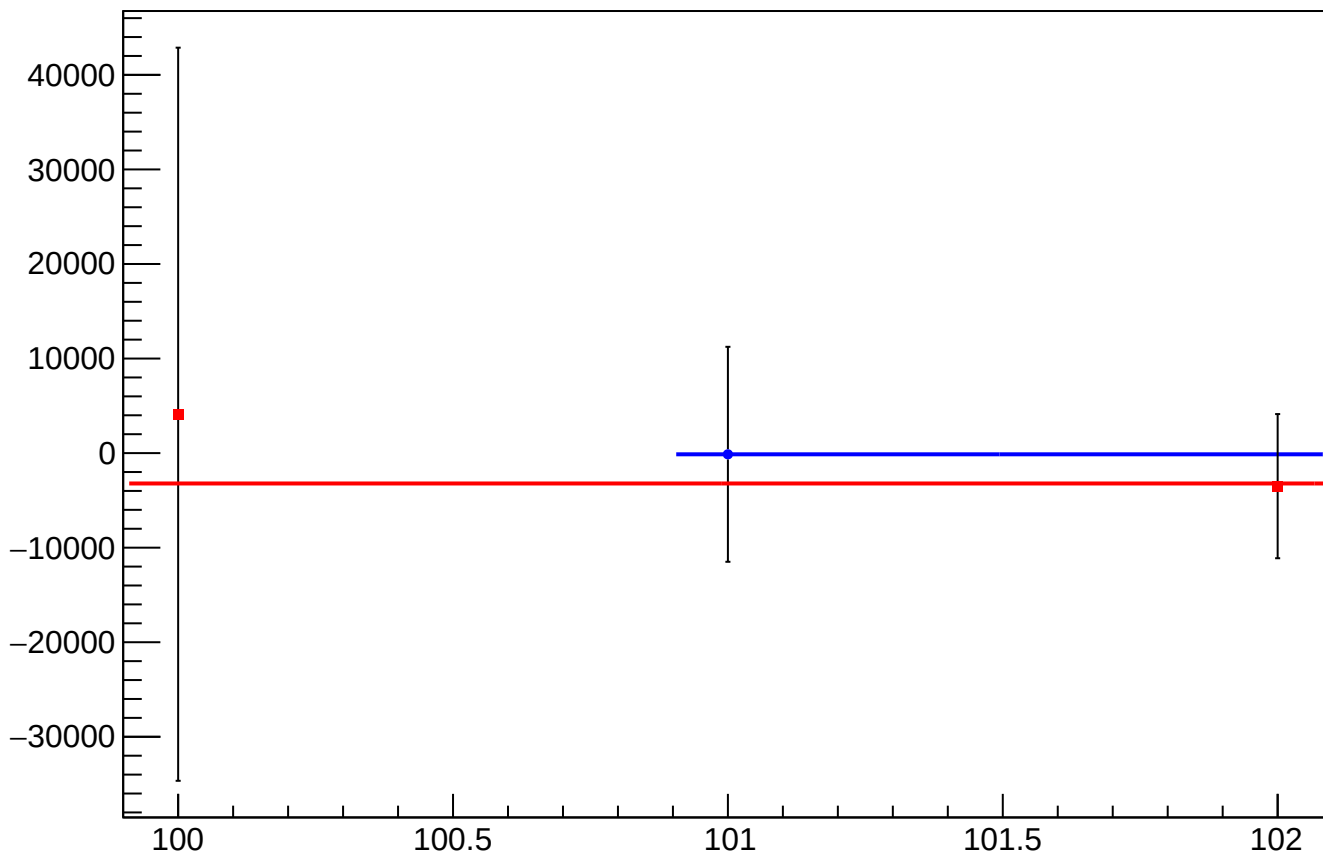
Right: 4172.432+/-2.752 χ^2/NDF : 42127.9/2

In: 4693.921+/-4.106 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4172.432+/-2.752 χ^2/NDF : 42127.9/2

asym_atr2_dit_correction_mean vs Slug, Sign Corrected



Right In: -126.347+/-11367.095 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -3211.269+/-7479.844 χ^2 /NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

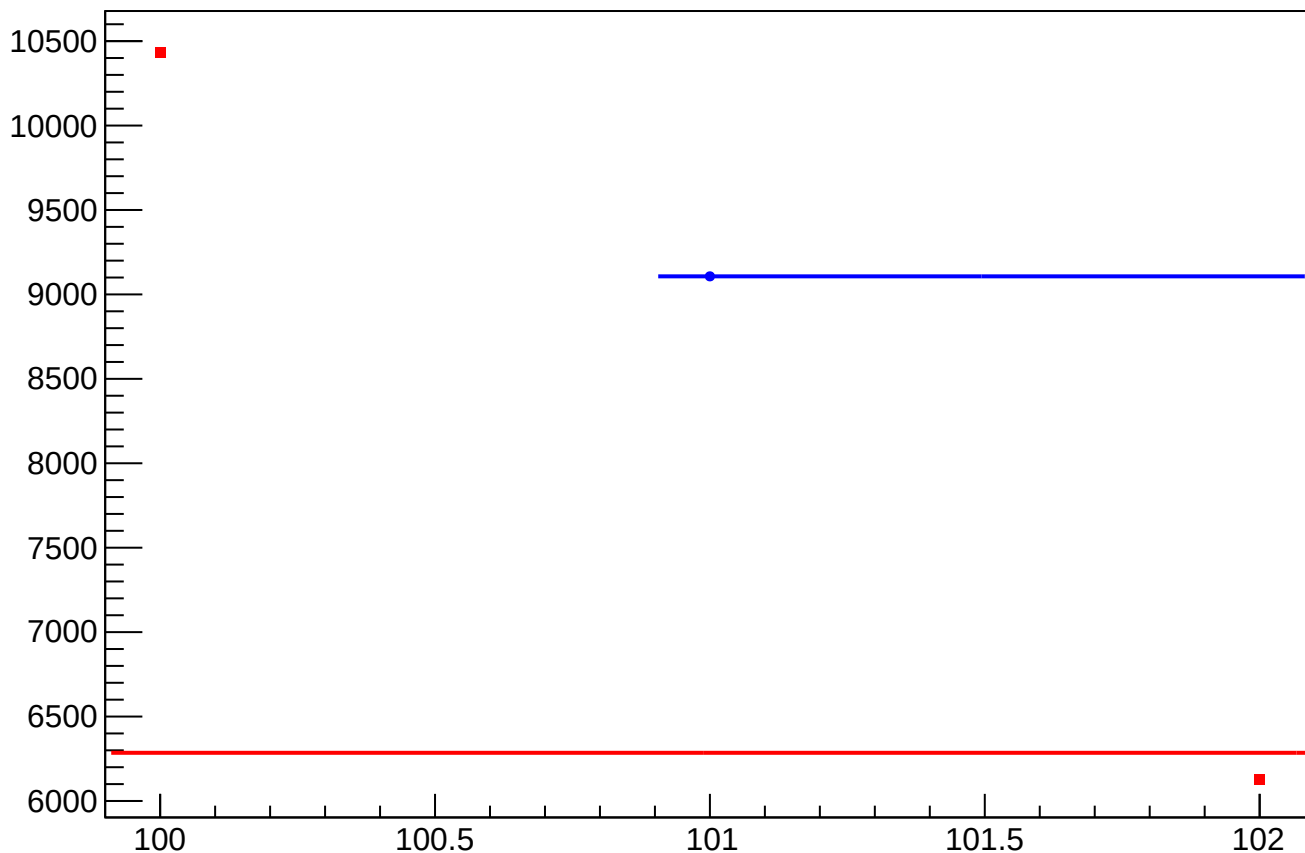
Right: -2279.122+/-6248.413 χ^2 /NDF: 0.1/2

In: -126.347+/-11367.095 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -2279.122+/-6248.413 χ^2 /NDF: 0.1/2

asym_atr2_dit_correction_rms vs Slug, Sign Corrected



Right In: 9106.999 $\pm$ 8.038 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6285.365 $\pm$ 5.289 χ^2 /NDF: 23790.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

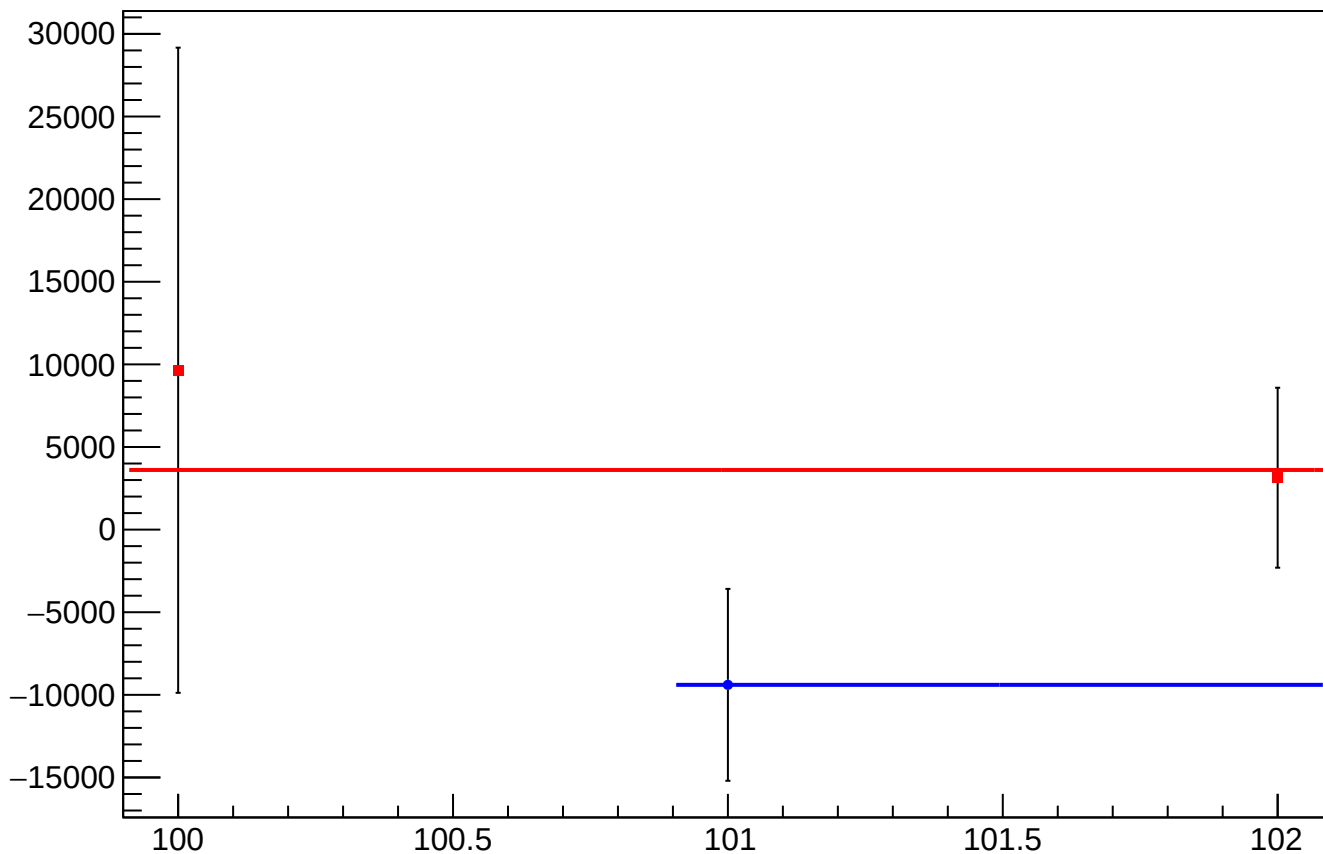
Right: 7137.957 $\pm$ 4.418 χ^2 /NDF: 109787.7/2

In: 9106.999 $\pm$ 8.038 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7137.957 $\pm$ 4.418 χ^2 /NDF: 109787.7/2

eigen_dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: -9394.657+/-5806.979 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3610.001+/-5245.043 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

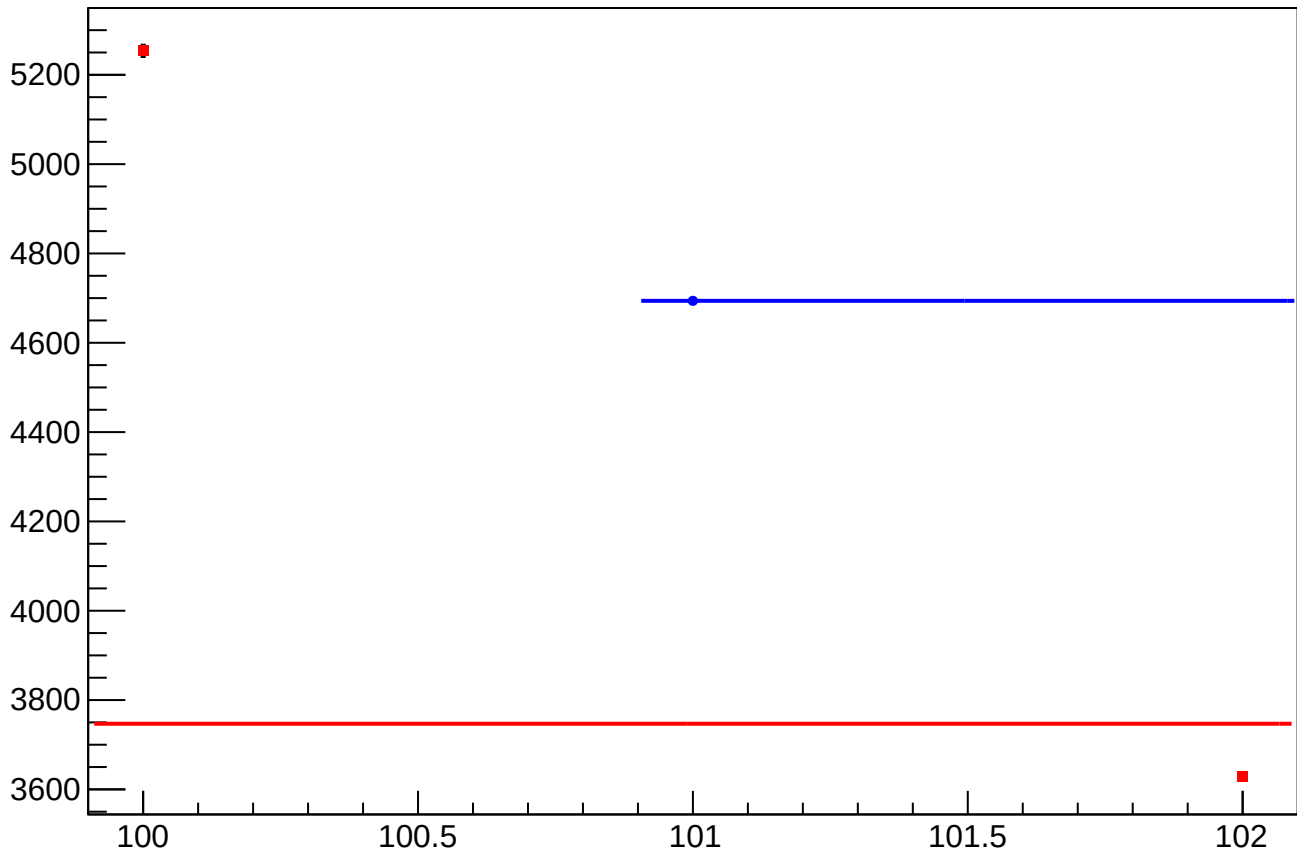
Right: -2232.816+/-3892.350 χ^2/NDF : 2.9/2

In: -9394.657+/-5806.979 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2232.816+/-3892.350 χ^2/NDF : 2.9/2

eigen_dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 4693.921+/-4.106 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3746.988+/-3.709 χ^2/NDF : 12839.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

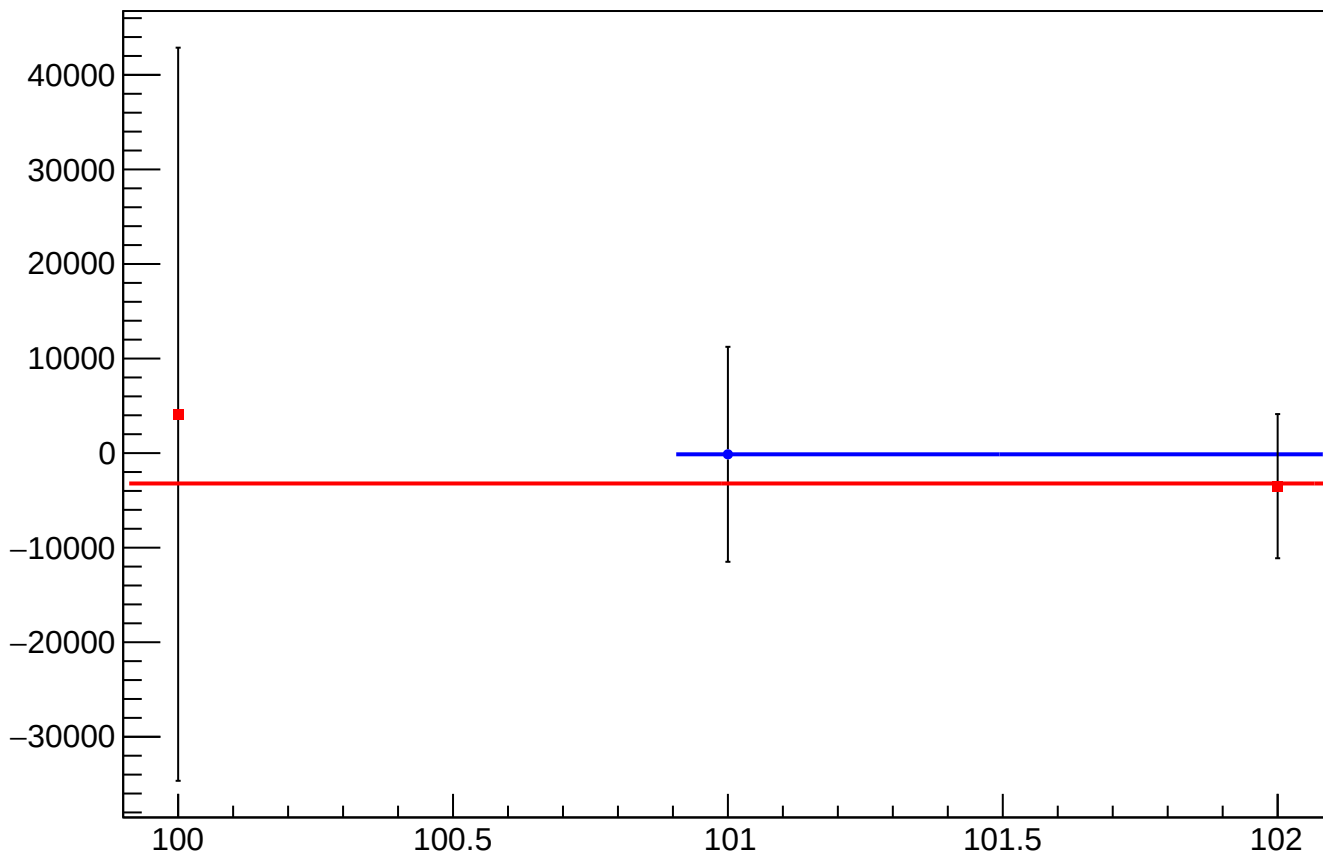
Right: 4172.431+/-2.752 χ^2/NDF : 42128.0/2

In: 4693.921+/-4.106 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4172.431+/-2.752 χ^2/NDF : 42128.0/2

asym_atr2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -126.410+/-11367.081 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3211.259+/-7479.841 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

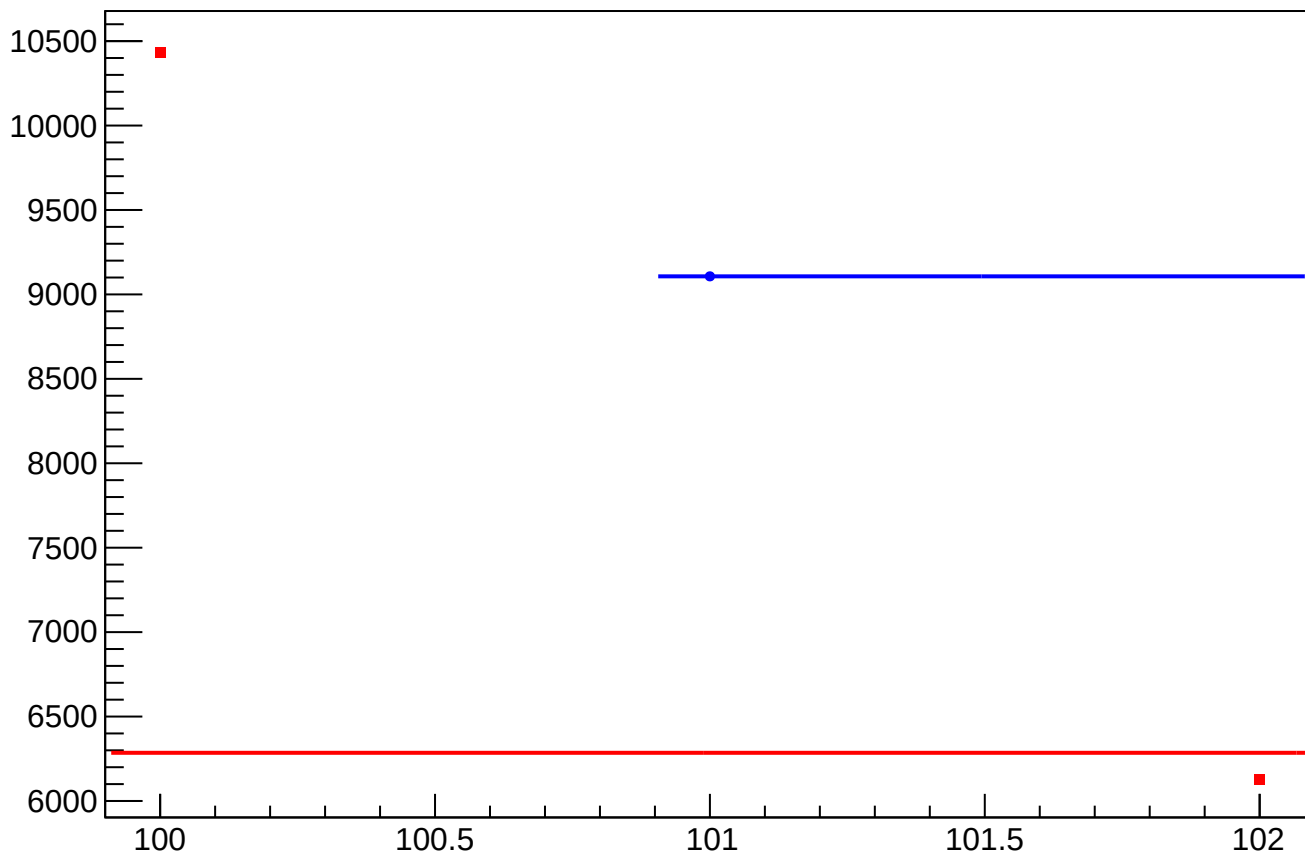
Right: -2279.132+/-6248.409 χ^2/NDF : 0.1/2

In: -126.410+/-11367.081 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2279.132+/-6248.409 χ^2/NDF : 0.1/2

asym_atr2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 9106.989 $\pm$ 8.038 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6285.363 $\pm$ 5.289 χ^2 /NDF: 23789.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

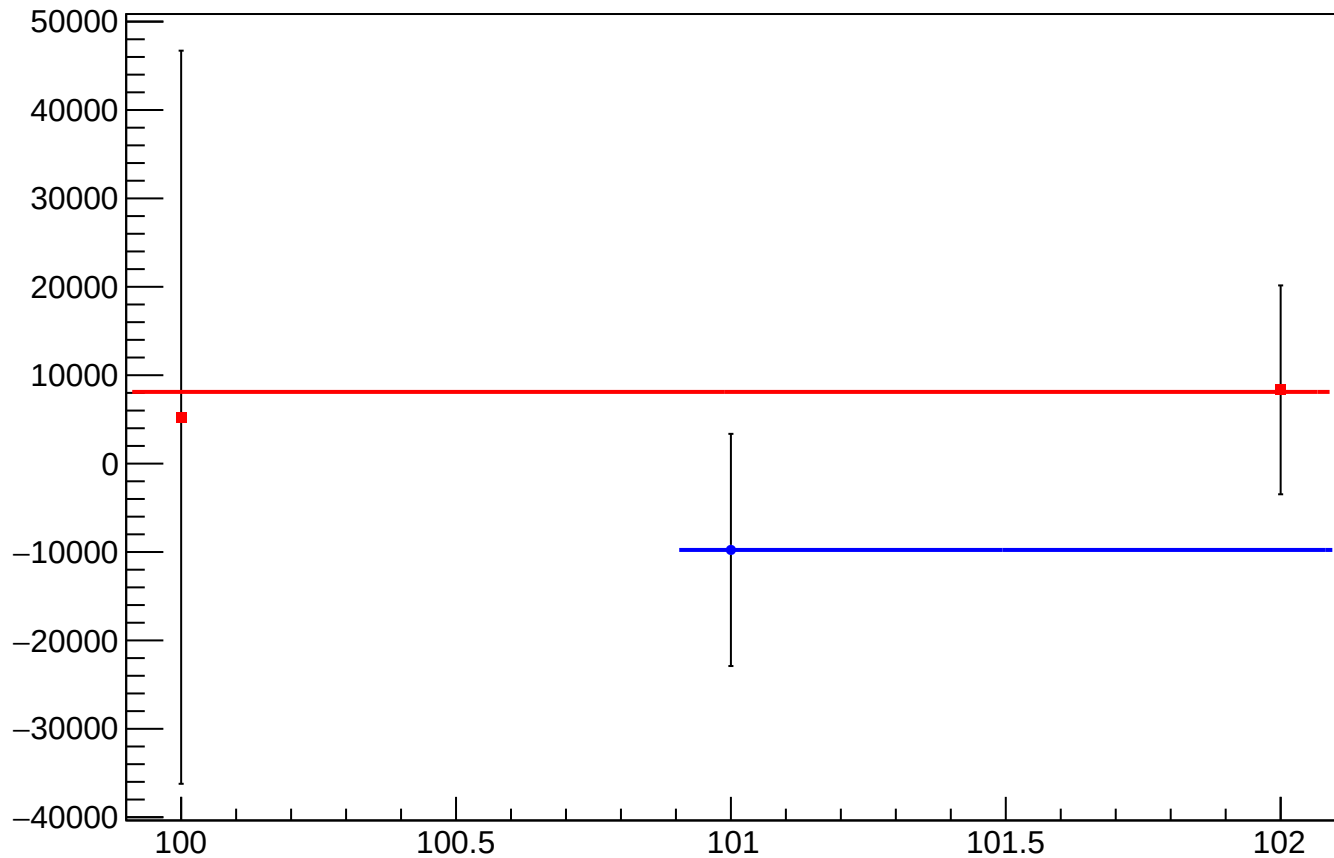
Right: 7137.954 $\pm$ 4.418 χ^2 /NDF: 109787.2/2

In: 9106.989 $\pm$ 8.038 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7137.954 $\pm$ 4.418 χ^2 /NDF: 109787.2/2

asym_atr2_mean vs Slug, Sign Corrected



Right In: -9765.752+/-13131.811 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8111.335+/-11361.548 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

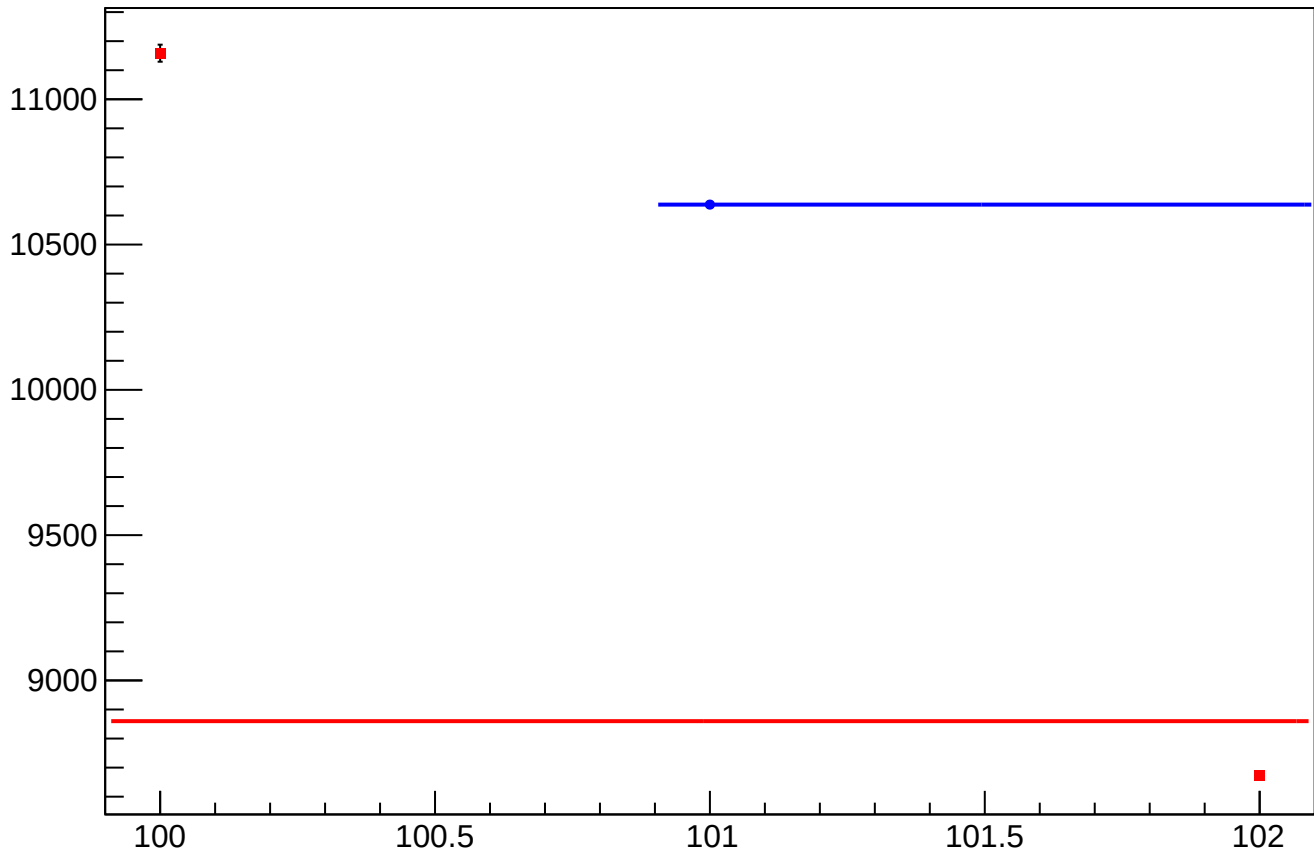
Right: 458.148+/-8592.062 χ^2/NDF : 1.1/2

In: -9765.752+/-13131.811 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 458.148+/-8592.062 χ^2/NDF : 1.1/2

asym_atr2_rms vs Slug, Sign Corrected



Right In: 10637.493 $\pm$ 9.286 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8859.876 $\pm$ 8.034 χ^2 /NDF: 6645.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

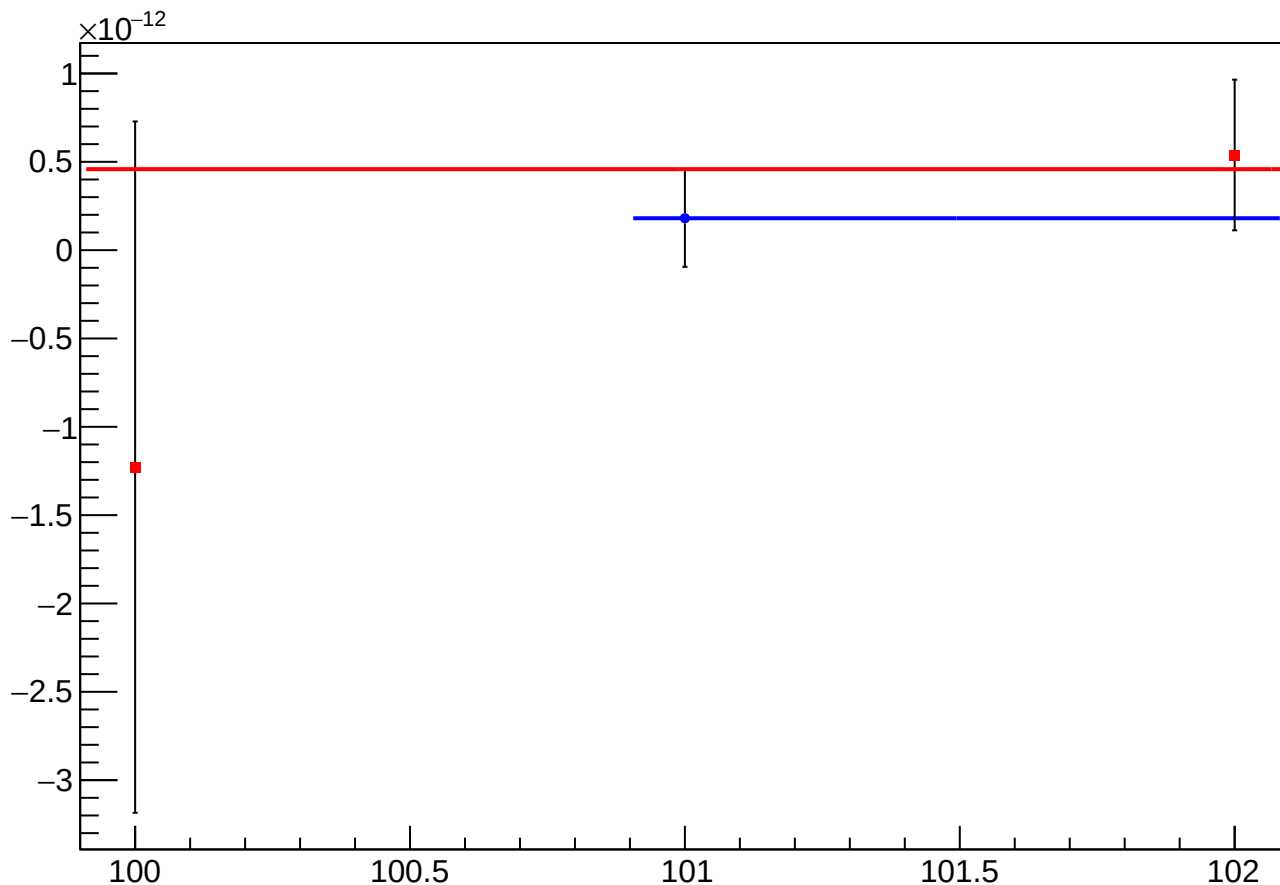
Right: 9620.868 $\pm$ 6.075 χ^2 /NDF: 27604.8/2

In: 10637.493 $\pm$ 9.286 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9620.868 $\pm$ 6.075 χ^2 /NDF: 27604.8/2

asym_atr2_reg_vs_cor_diff_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: 0.8/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

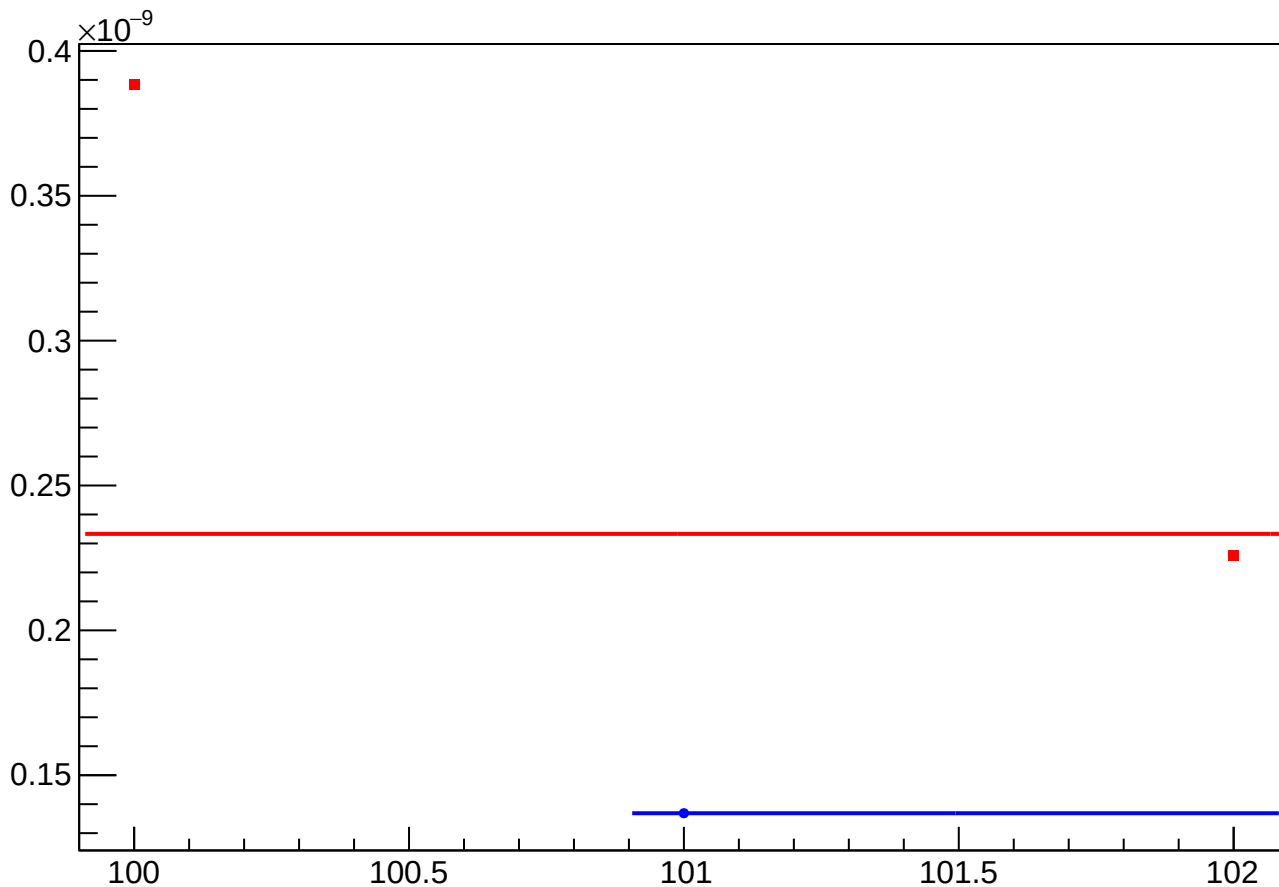
Right: 0.000+/-0.000 χ^2 /NDF: 1.1/2

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: 1.1/2

asym_atr2_reg_vs_cor_diff_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 : 13154.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

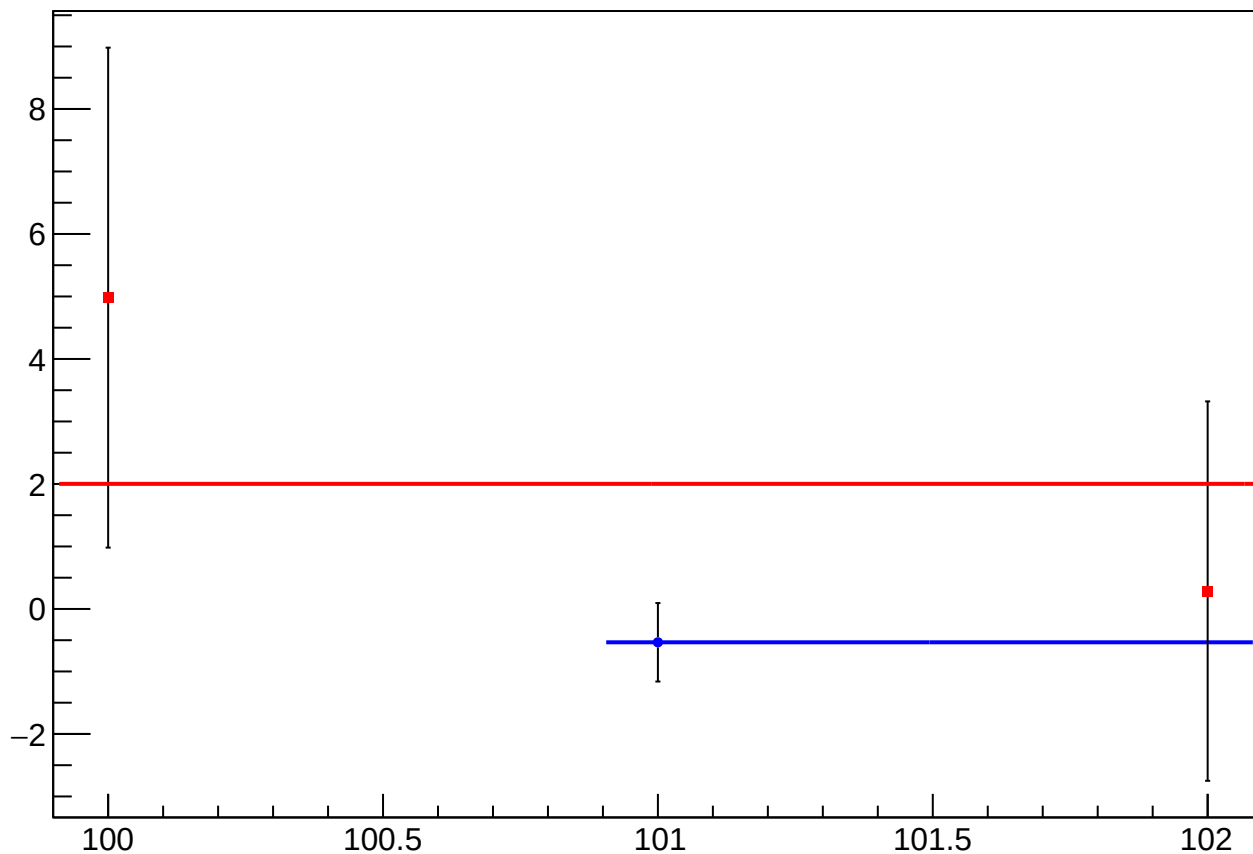
Right: 0.000+/-0.000 χ^2/NDF : 87768.0/2

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 : 87768.0/2

asym_atr2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.534 ± 0.628 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 2.002 ± 2.418 $\chi^2/\text{NDF}: 0.9/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

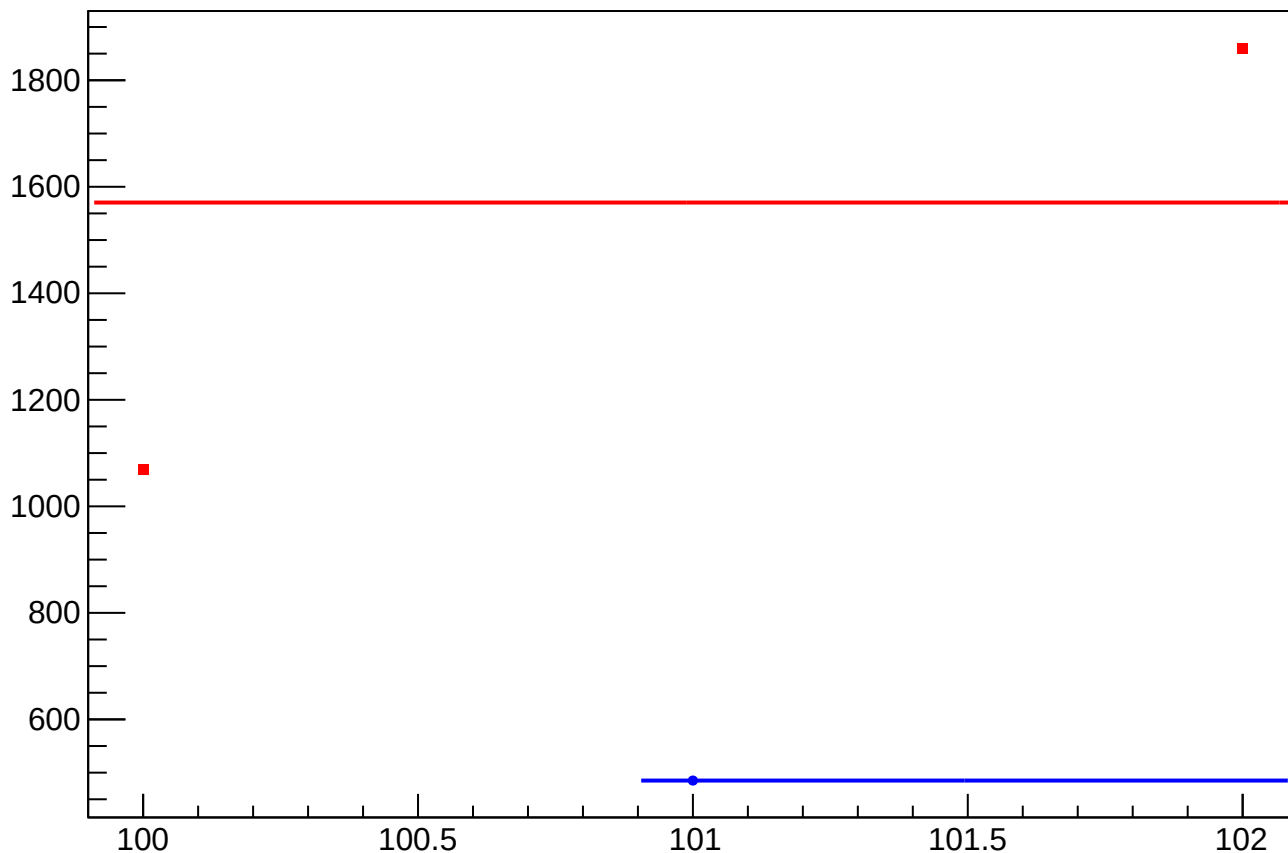
Right: -0.373 ± 0.608 $\chi^2/\text{NDF}: 1.9/2$

In: -0.534 ± 0.628 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.373 ± 0.608 $\chi^2/\text{NDF}: 1.9/2$

asym_atr2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 485.146+/-0.444 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1570.411+/-1.710 χ^2/NDF : 49482.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

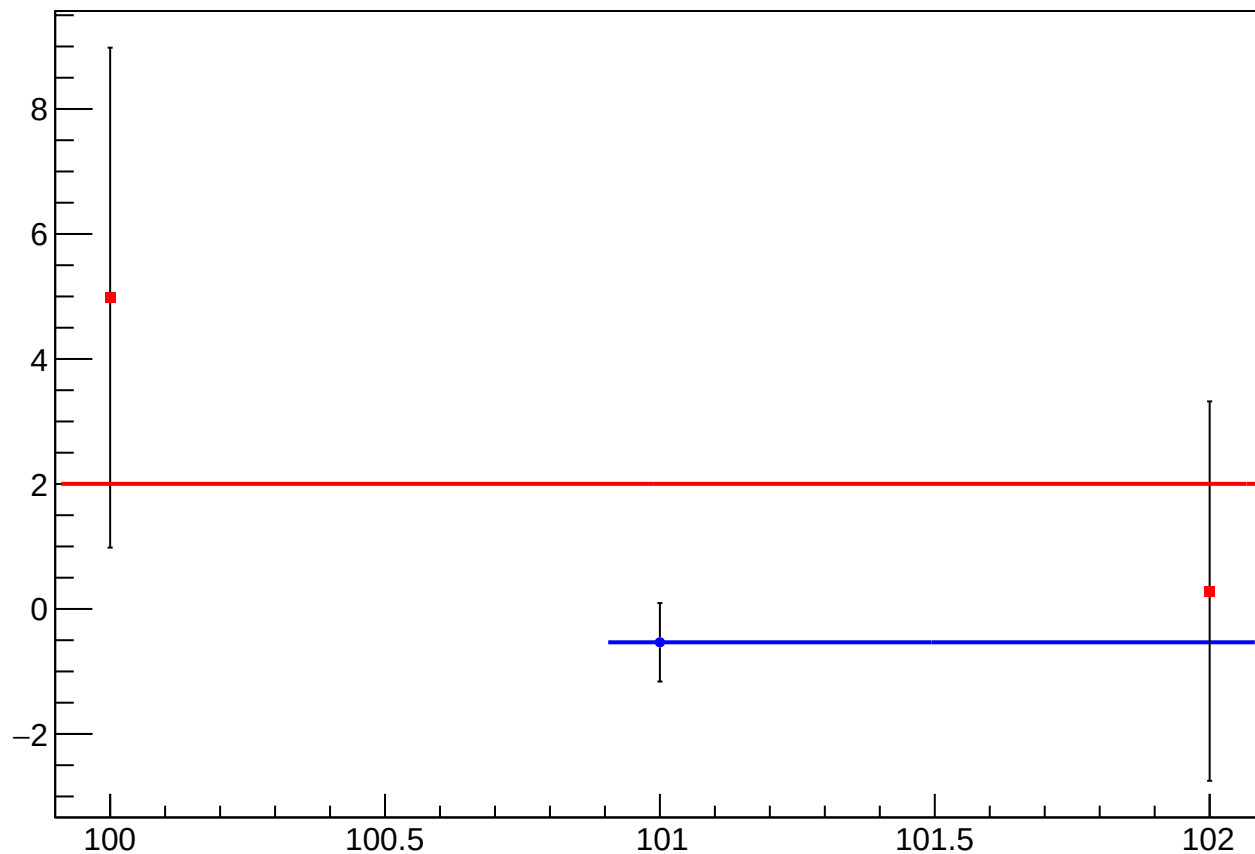
Right: 553.670+/-0.430 χ^2/NDF : 426955.4/2

In: 485.146+/-0.444 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 553.670+/-0.430 χ^2/NDF : 426955.4/2

asym_atr2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.534+/-0.628 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.002+/-2.418 χ^2/NDF : 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

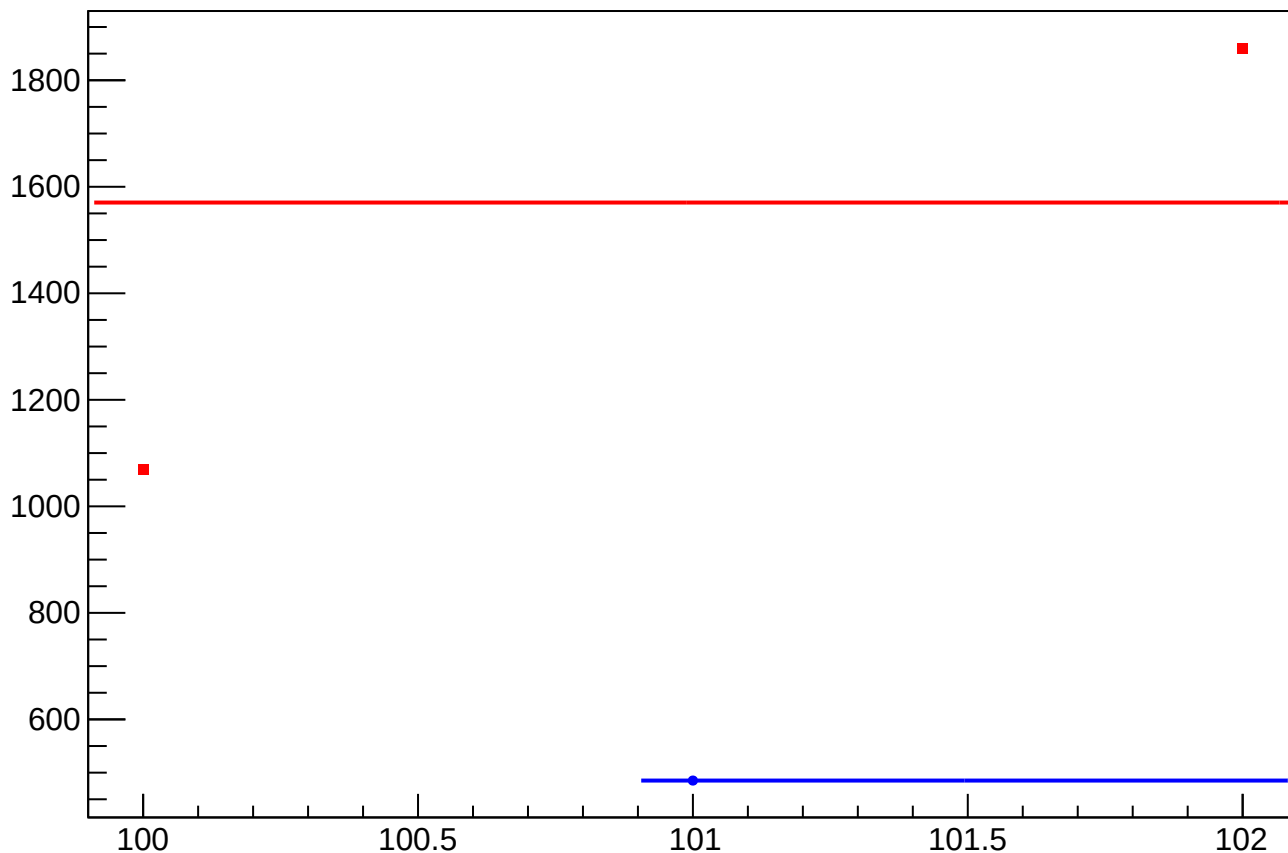
Right: -0.373+/-0.608 χ^2/NDF : 1.9/2

In: -0.534+/-0.628 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.373+/-0.608 χ^2/NDF : 1.9/2

asym_atr2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 485.146+/-0.444 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1570.411+/-1.710 χ^2/NDF : 49482.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

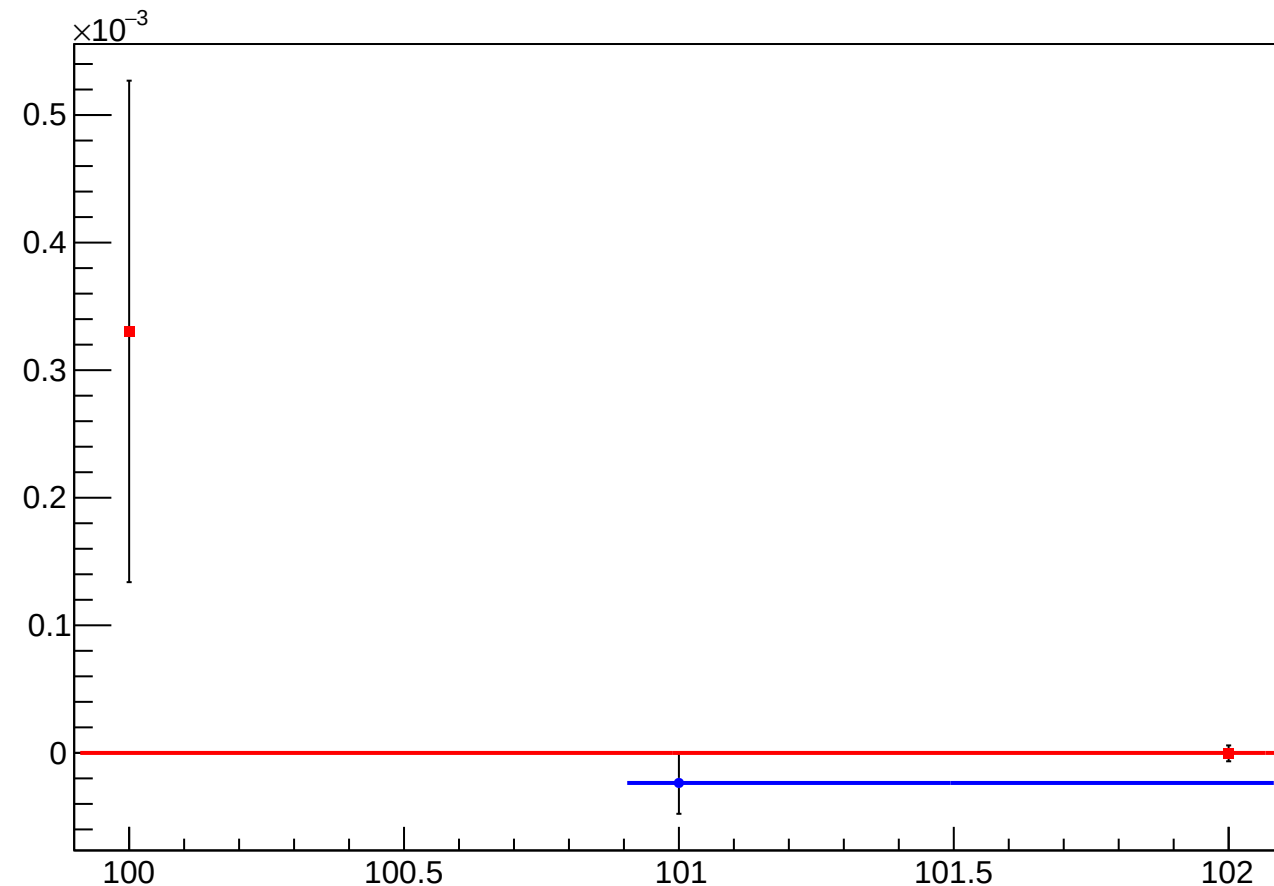
Right: 553.670+/-0.430 χ^2/NDF : 426955.4/2

In: 485.146+/-0.444 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 553.670+/-0.430 χ^2/NDF : 426955.4/2

asym_atr2_eigen_dit_vs_dit_diff_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 : 2.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

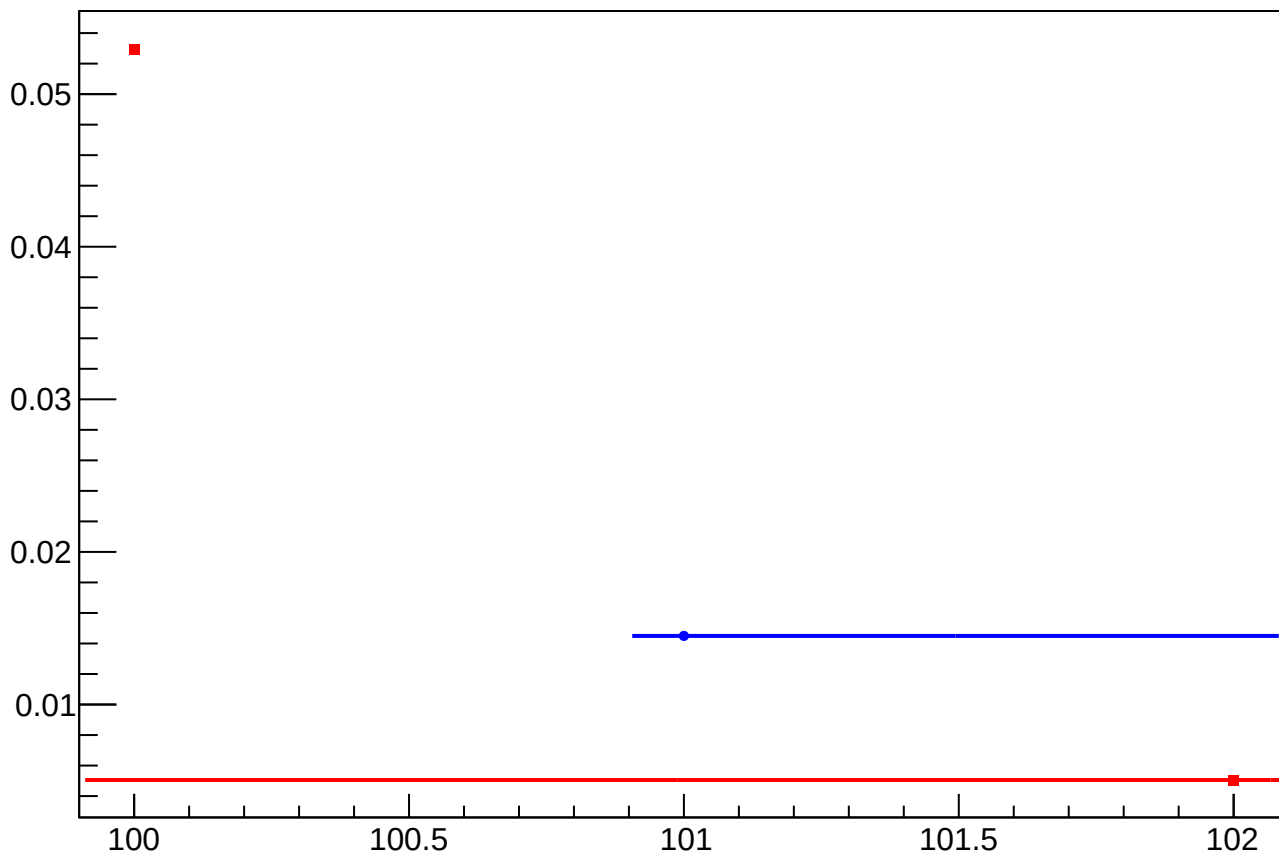
Right: -0.000+/-0.000 χ^2/NDF : 3.7/2

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 : 3.7/2

asym_atr2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 118654.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

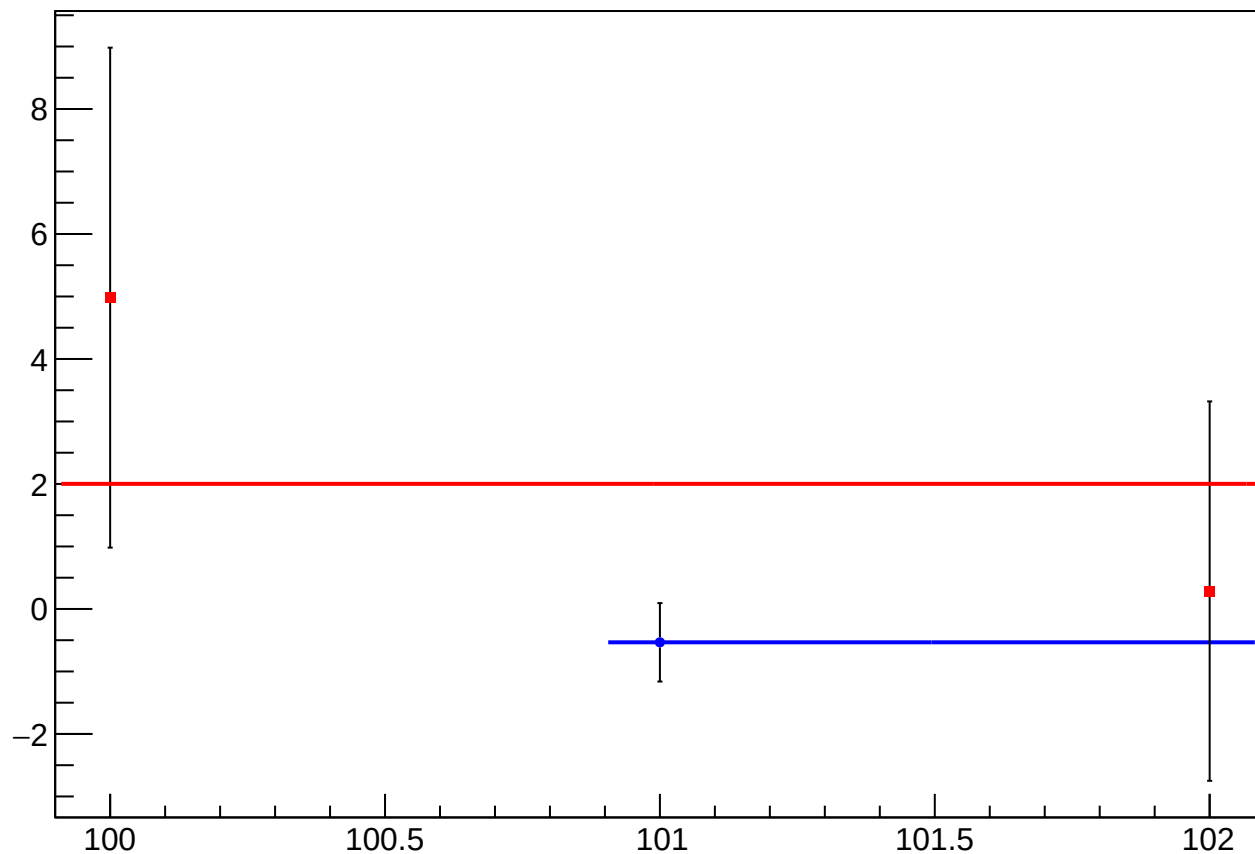
Right: 0.006+/-0.000 χ^2/NDF : 404713.7/2

In: 0.014+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 404713.7/2

asym_atr2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.534+/-0.628 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.002+/-2.418 χ^2/NDF : 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

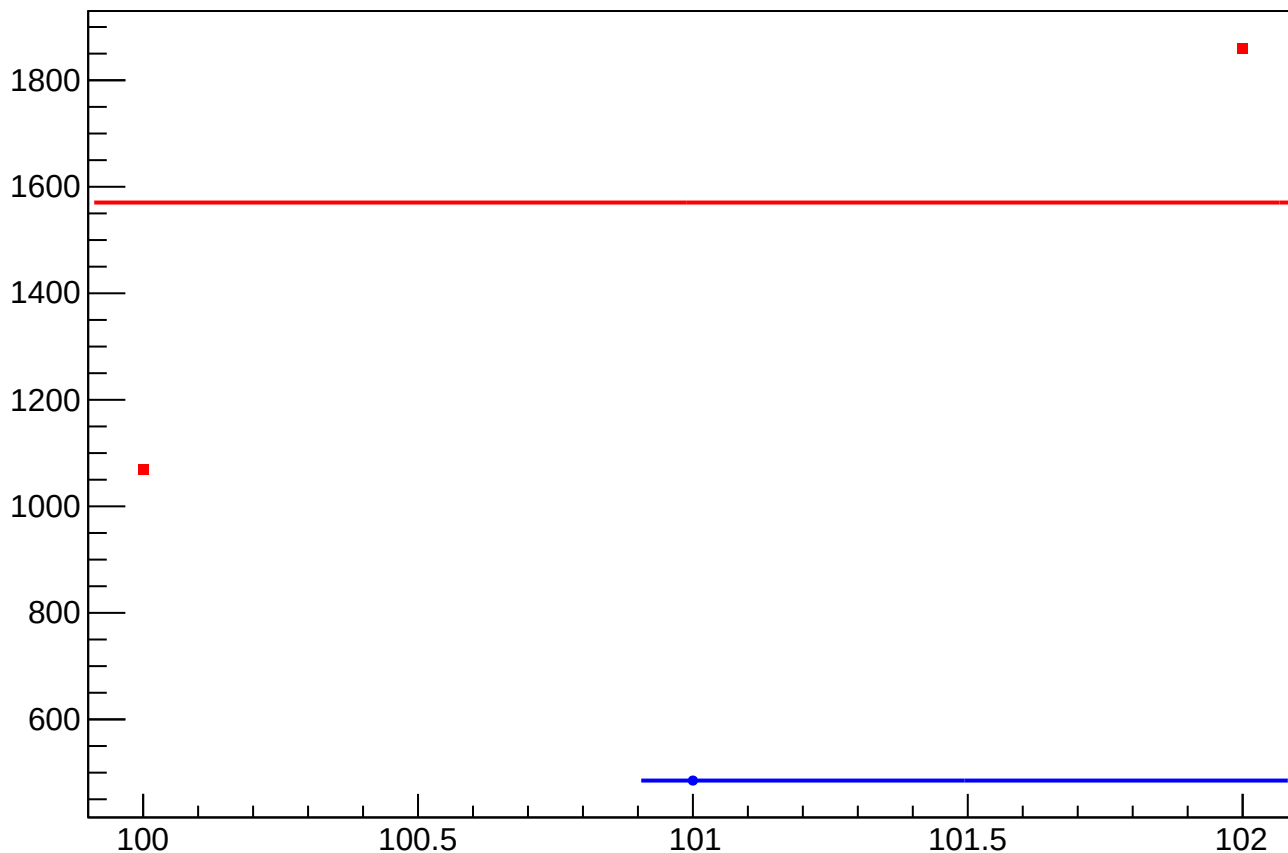
Right: -0.374+/-0.608 χ^2/NDF : 1.9/2

In: -0.534+/-0.628 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.374+/-0.608 χ^2/NDF : 1.9/2

asym_atr2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 485.144+/-0.444 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1570.417+/-1.710 χ^2/NDF : 49480.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

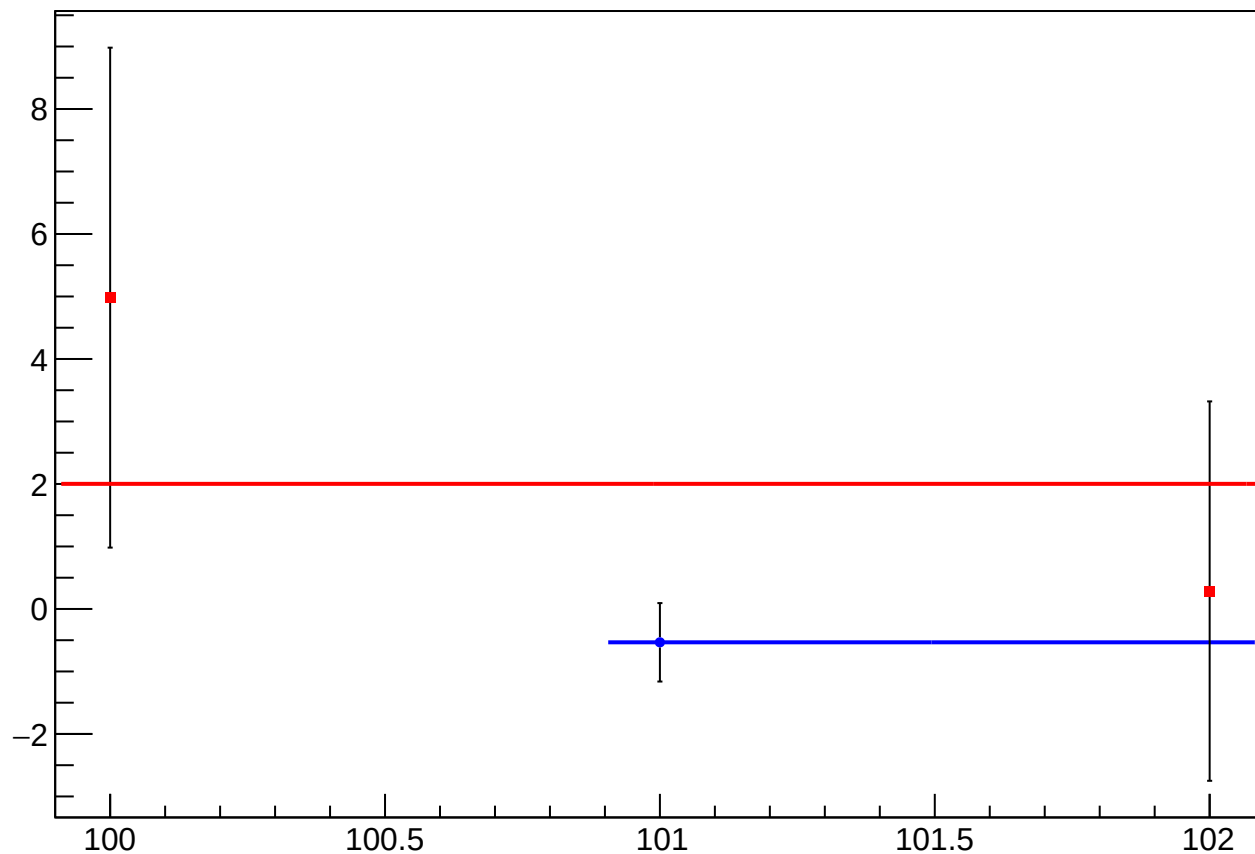
Right: 553.667+/-0.430 χ^2/NDF : 426957.2/2

In: 485.144+/-0.444 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 553.667+/-0.430 χ^2/NDF : 426957.2/2

asym_atr2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.534+/-0.628 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.002+/-2.418 χ^2/NDF : 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

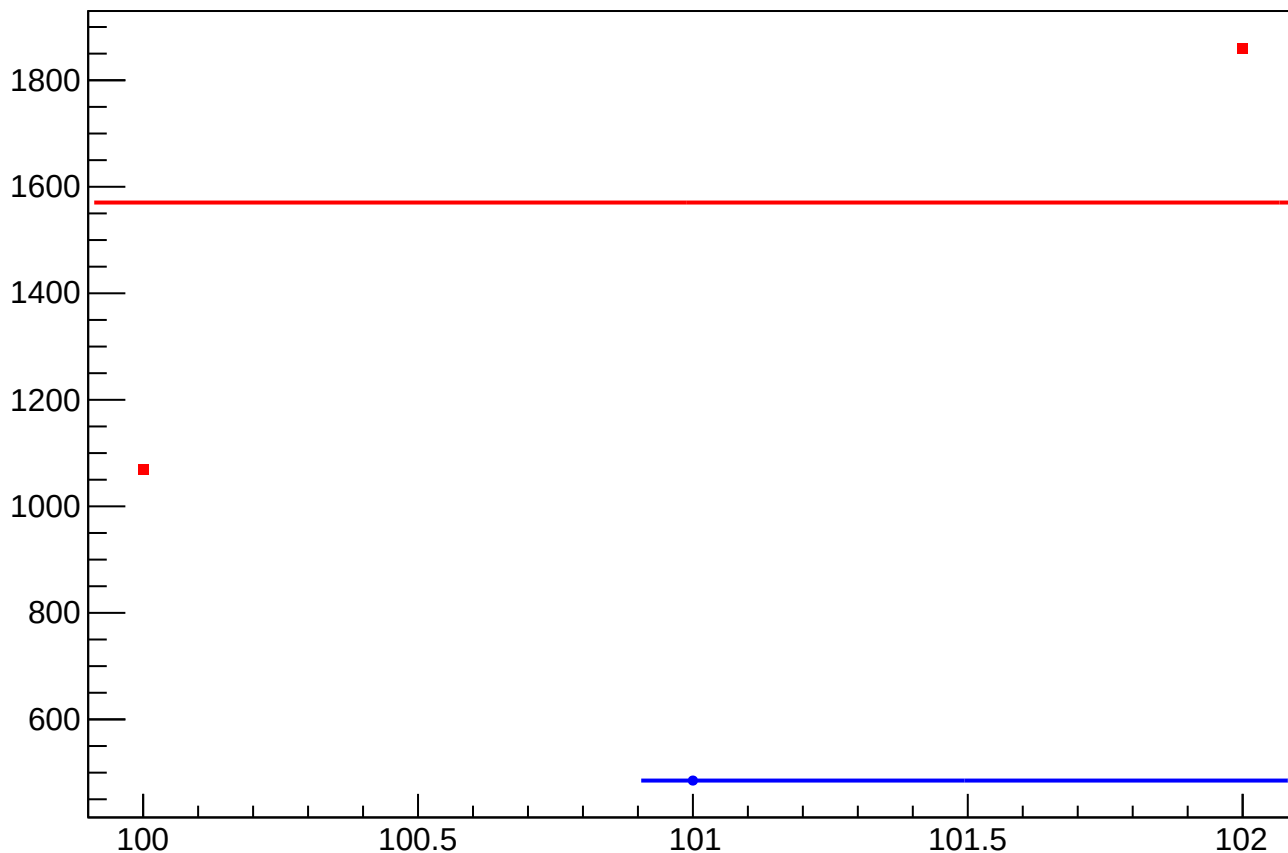
Right: -0.374+/-0.608 χ^2/NDF : 1.9/2

In: -0.534+/-0.628 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.374+/-0.608 χ^2/NDF : 1.9/2

asym_atr2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 485.144+/-0.444 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1570.417+/-1.710 χ^2/NDF : 49480.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

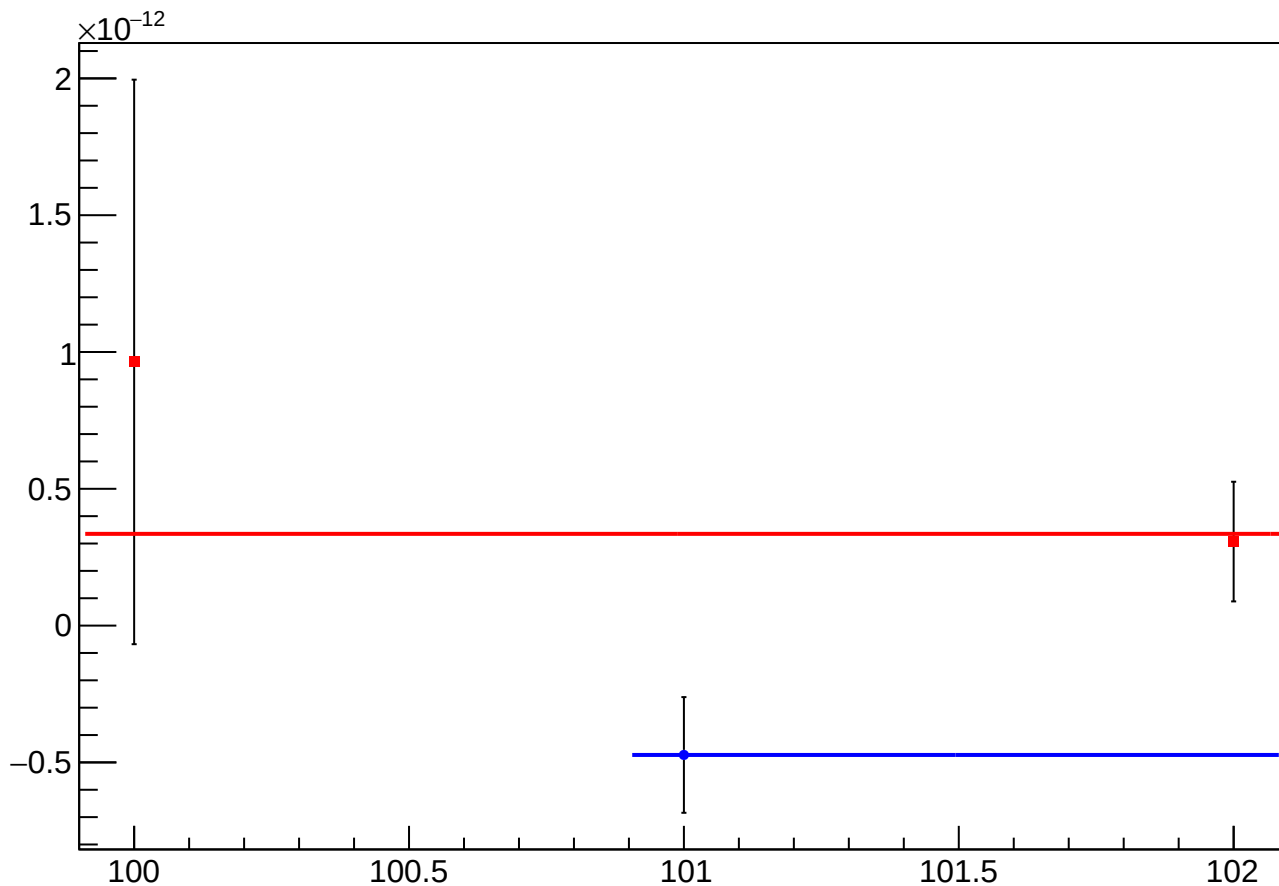
Right: 553.667+/-0.430 χ^2/NDF : 426957.2/2

In: 485.144+/-0.444 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 553.667+/-0.430 χ^2/NDF : 426957.2/2

asym_atr2_eigen_cor_vs_cor_diff_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: 0.4/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

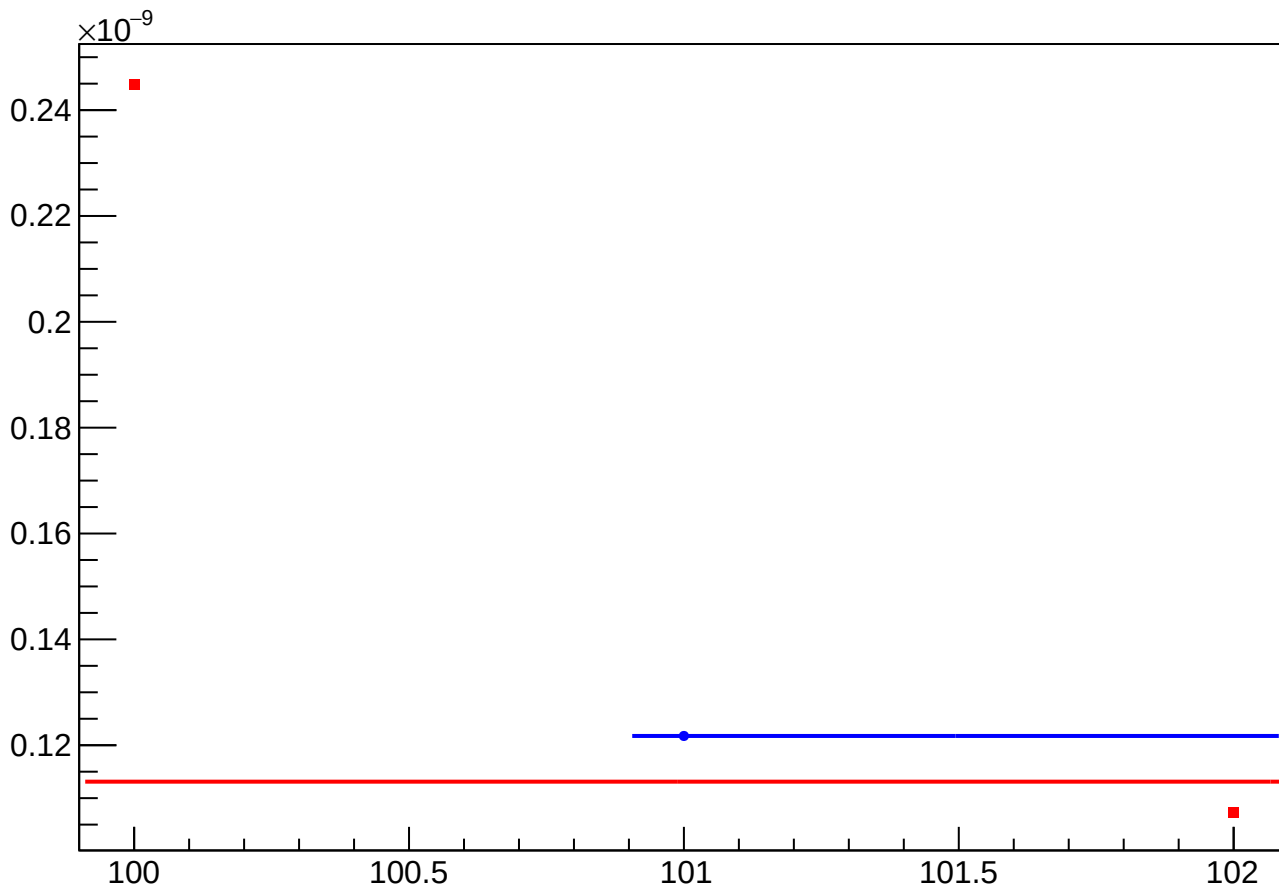
Right: -0.000+/-0.000 χ^2 /NDF: 7.6/2

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: 7.6/2

asym_atr2_eigen_cor_vs_cor_diff_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 : 34068.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

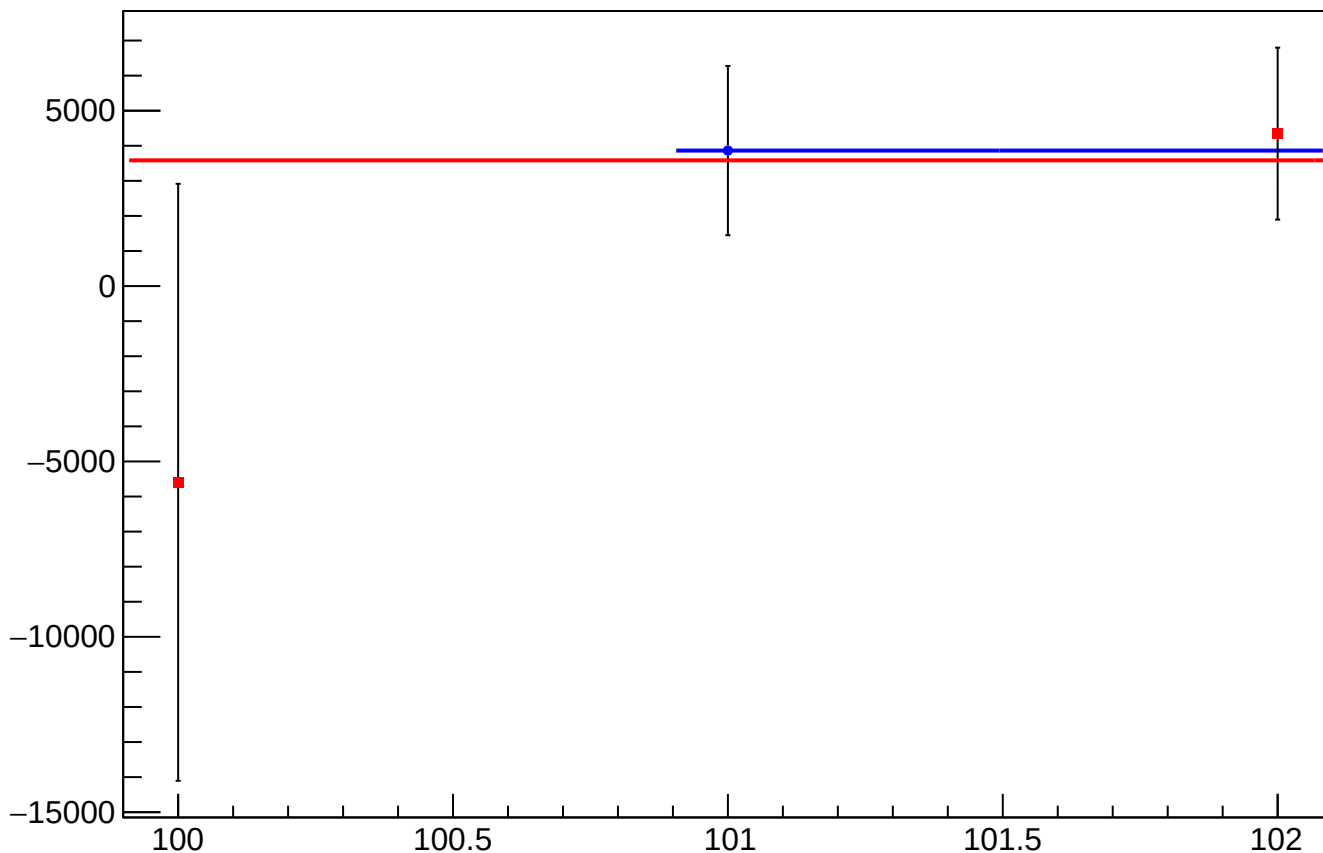
Right: 0.000+/-0.000 χ^2/NDF : 35717.5/2

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 : 35717.5/2

reg_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 3863.105+/-2412.284 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3584.878+/-2355.185 χ^2/NDF : 1.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

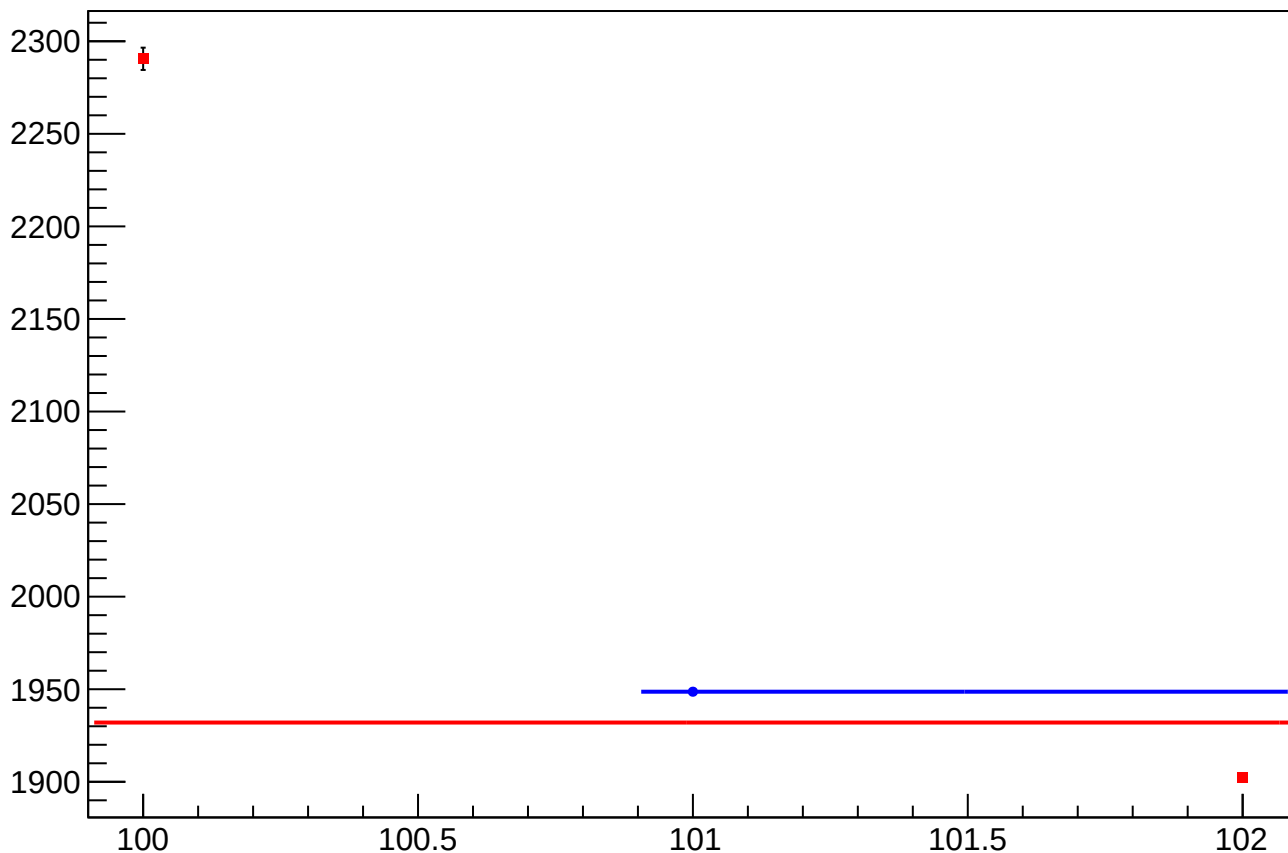
Right: 3720.660+/-1685.192 χ^2/NDF : 1.3/2

In: 3863.105+/-2412.284 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3720.660+/-1685.192 χ^2/NDF : 1.3/2

reg_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1948.664 $\pm$ 1.706 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1932.009 $\pm$ 1.665 χ^2 /NDF: 3843.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

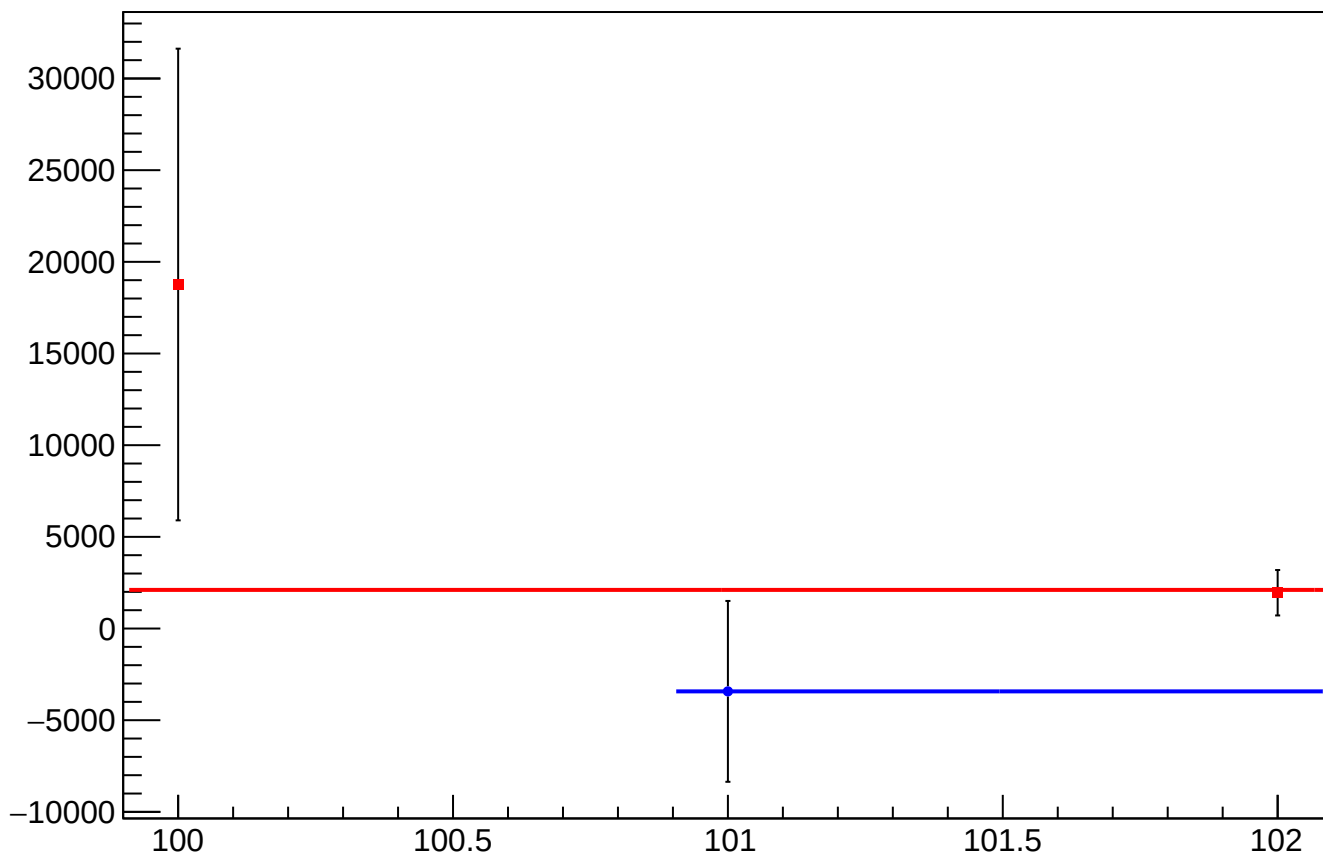
Right: 1940.137 $\pm$ 1.192 χ^2 /NDF: 3892.5/2

In: 1948.664 $\pm$ 1.706 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1940.137 $\pm$ 1.192 χ^2 /NDF: 3892.5/2

asym_atl_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -3427.772 $\pm$ 4931.883 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2106.861 $\pm$ 1233.086 χ^2 /NDF: 1.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

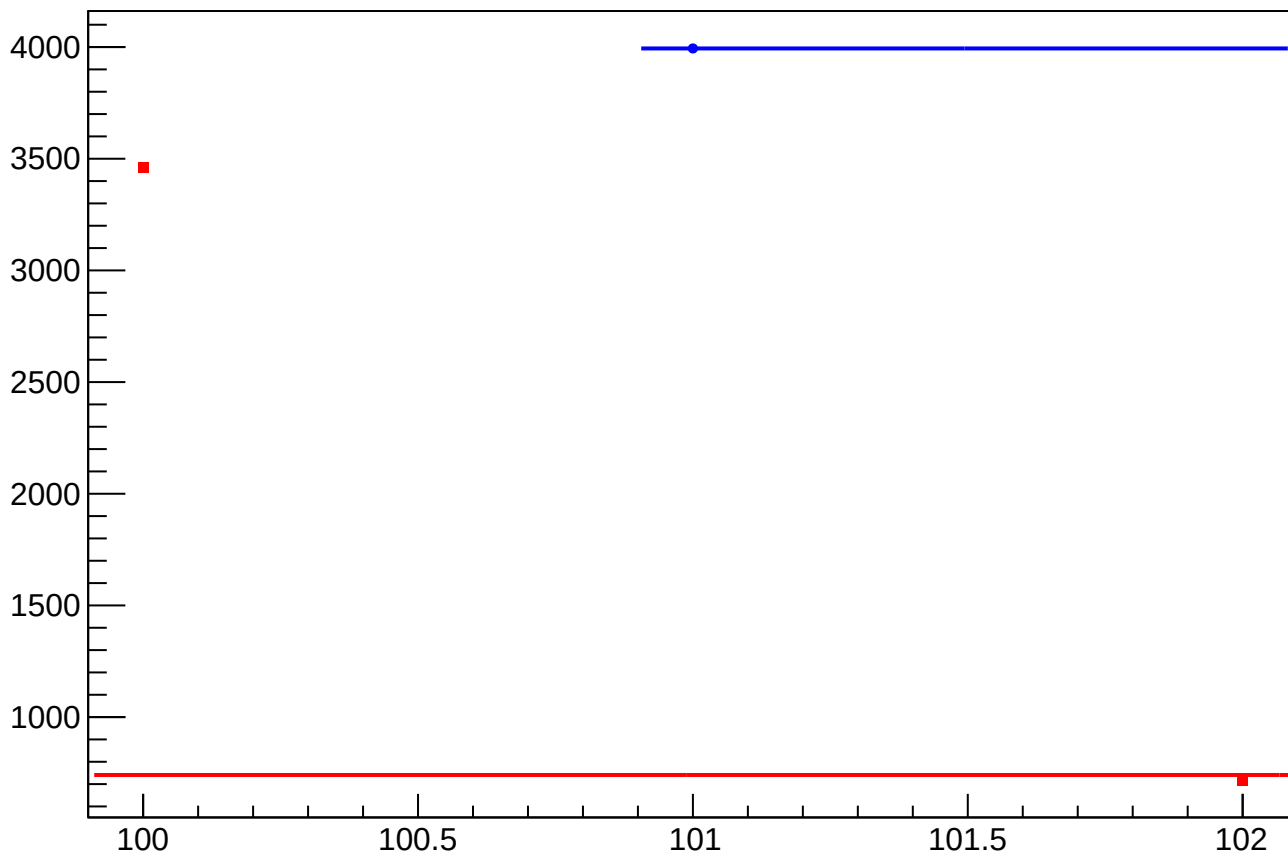
Right: 1781.238 $\pm$ 1196.262 χ^2 /NDF: 2.9/2

In: -3427.772 $\pm$ 4931.883 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1781.238 $\pm$ 1196.262 χ^2 /NDF: 2.9/2

asym_atl_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3993.801+/-3.487 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 740.900+/-0.872 χ^2/NDF : 90171.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

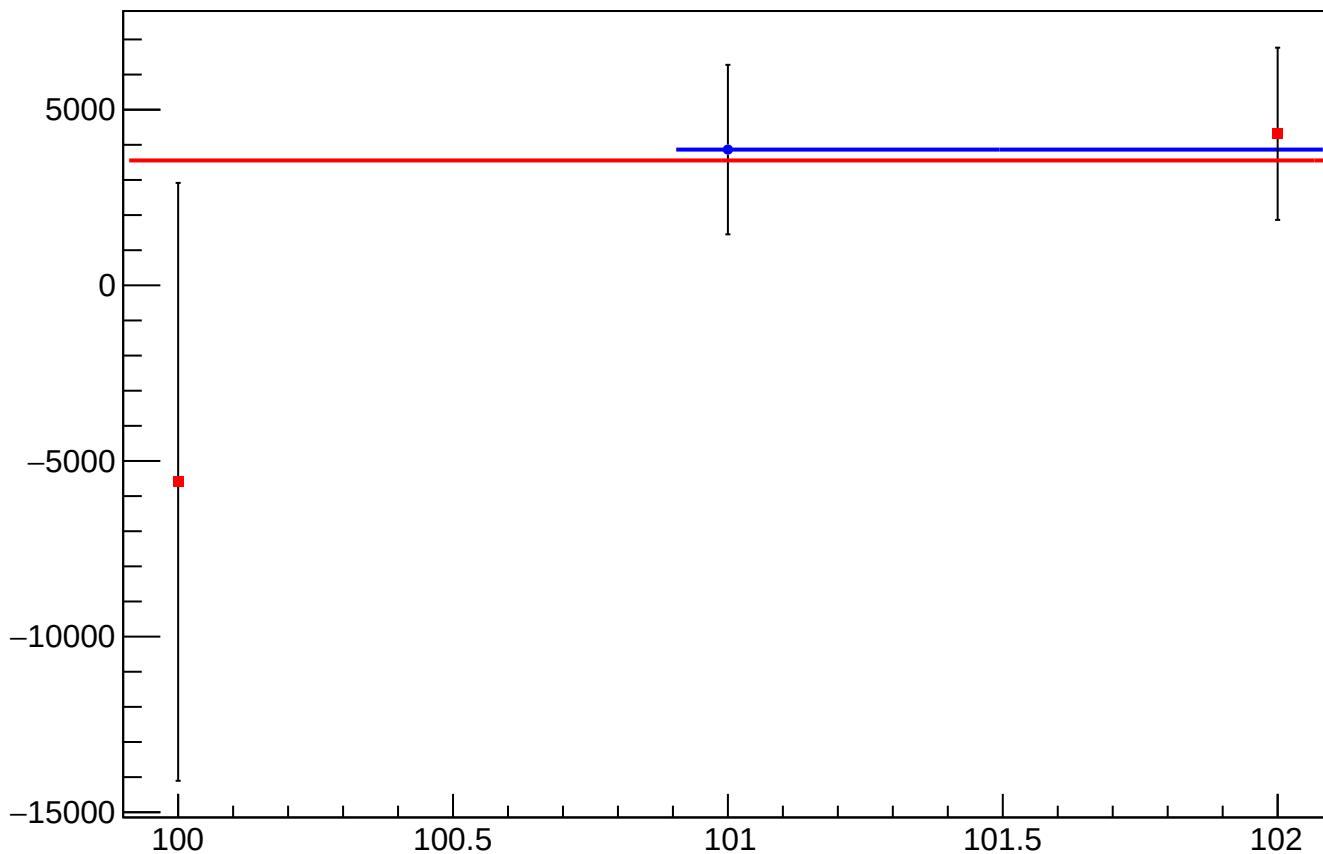
Right: 932.281+/-0.846 χ^2/NDF : 909036.4/2

In: 3993.801+/-3.487 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 932.281+/-0.846 χ^2/NDF : 909036.4/2

cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 3864.348+/-2412.286 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3555.316+/-2355.437 χ^2/NDF : 1.3/1

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

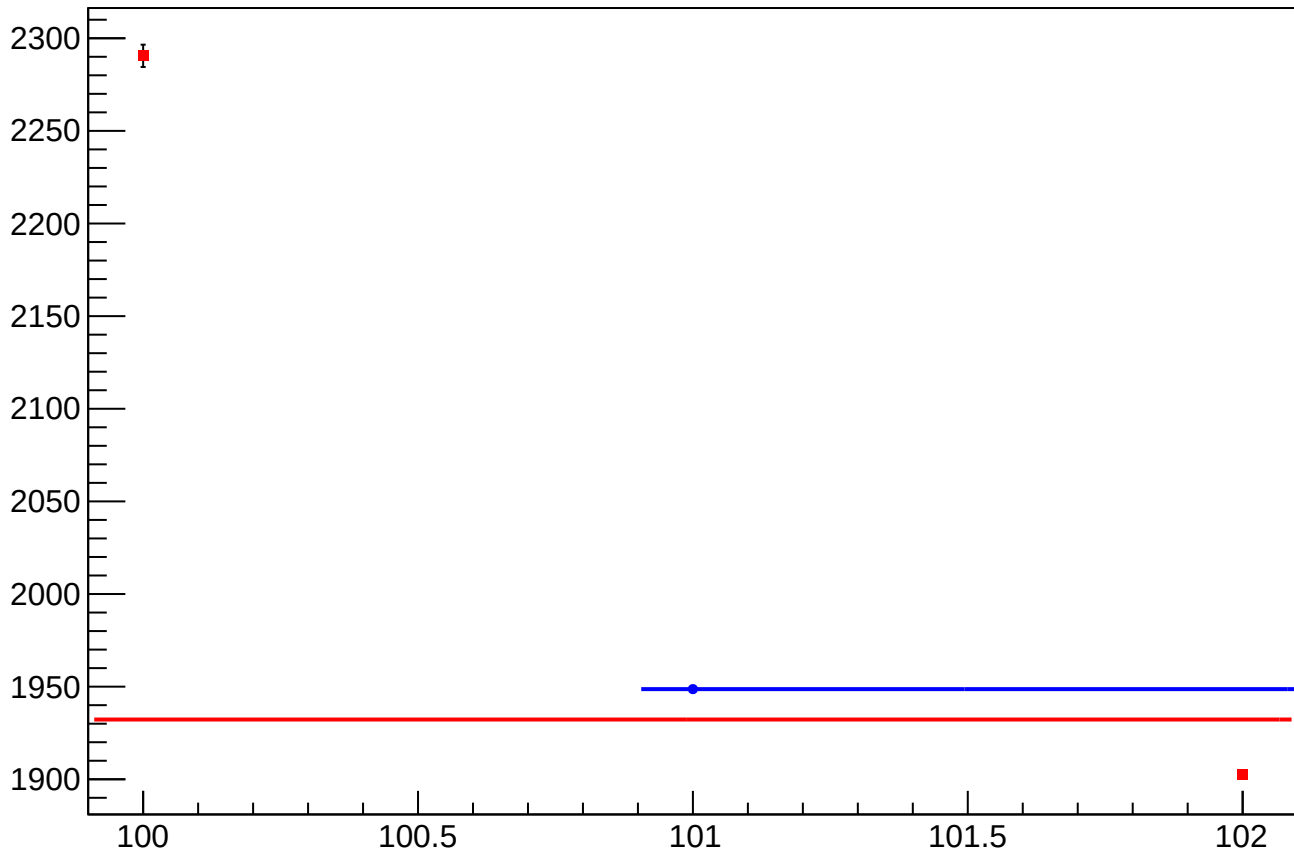
Right: 3706.147+/-1685.285 χ^2/NDF : 1.3/2

In: 3864.348+/-2412.286 χ^2/NDF :0.0/0

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3706.147+/-1685.285 χ^2/NDF : 1.3/2

cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1948.664 $\pm$ 1.706 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1932.253 $\pm$ 1.666 χ^2 /NDF: 3838.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

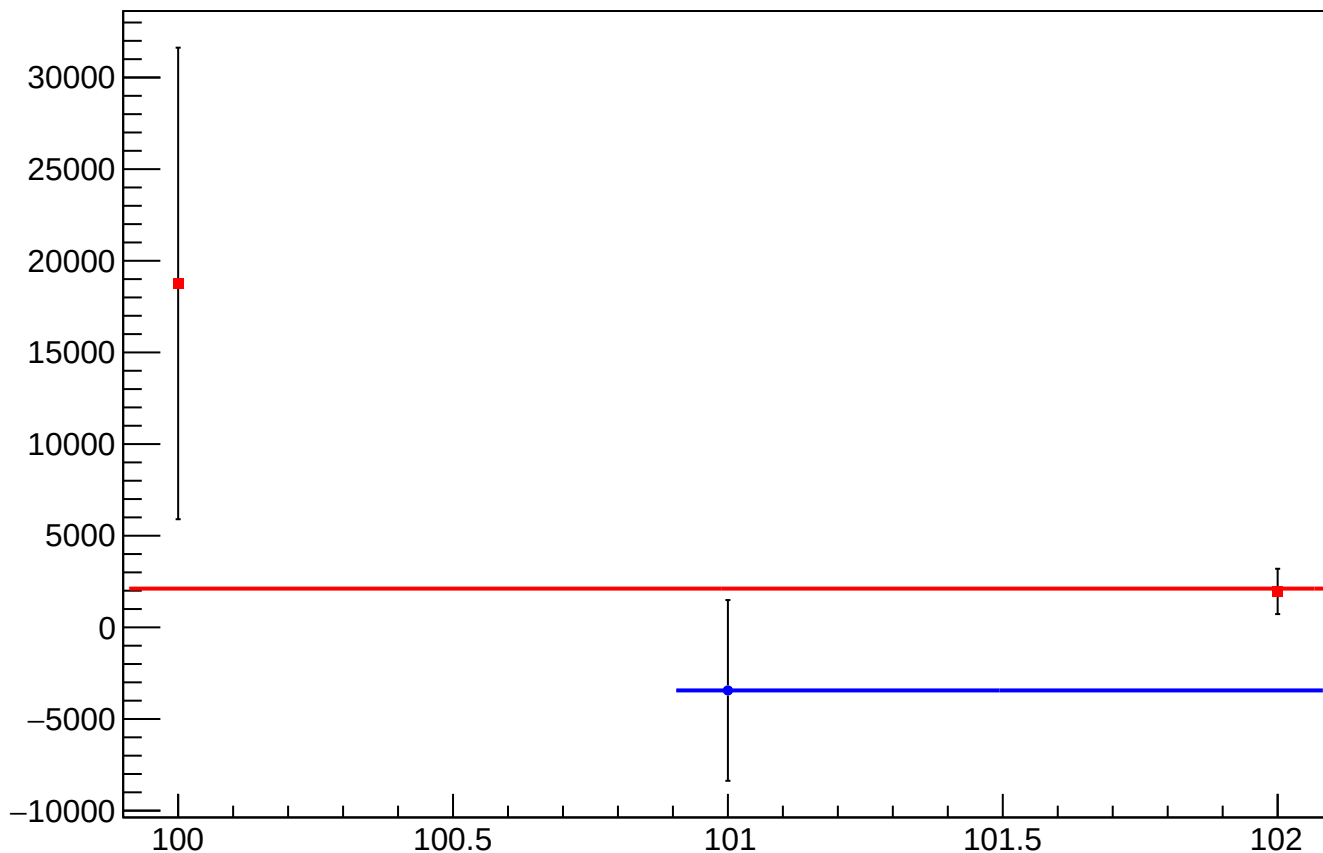
Right: 1940.263 $\pm$ 1.192 χ^2 /NDF: 3885.9/2

In: 1948.664 $\pm$ 1.706 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1940.263 $\pm$ 1.192 χ^2 /NDF: 3885.9/2

asym_atl_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -3440.746+/-4930.609 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2114.649+/-1230.688 χ^2/NDF : 1.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

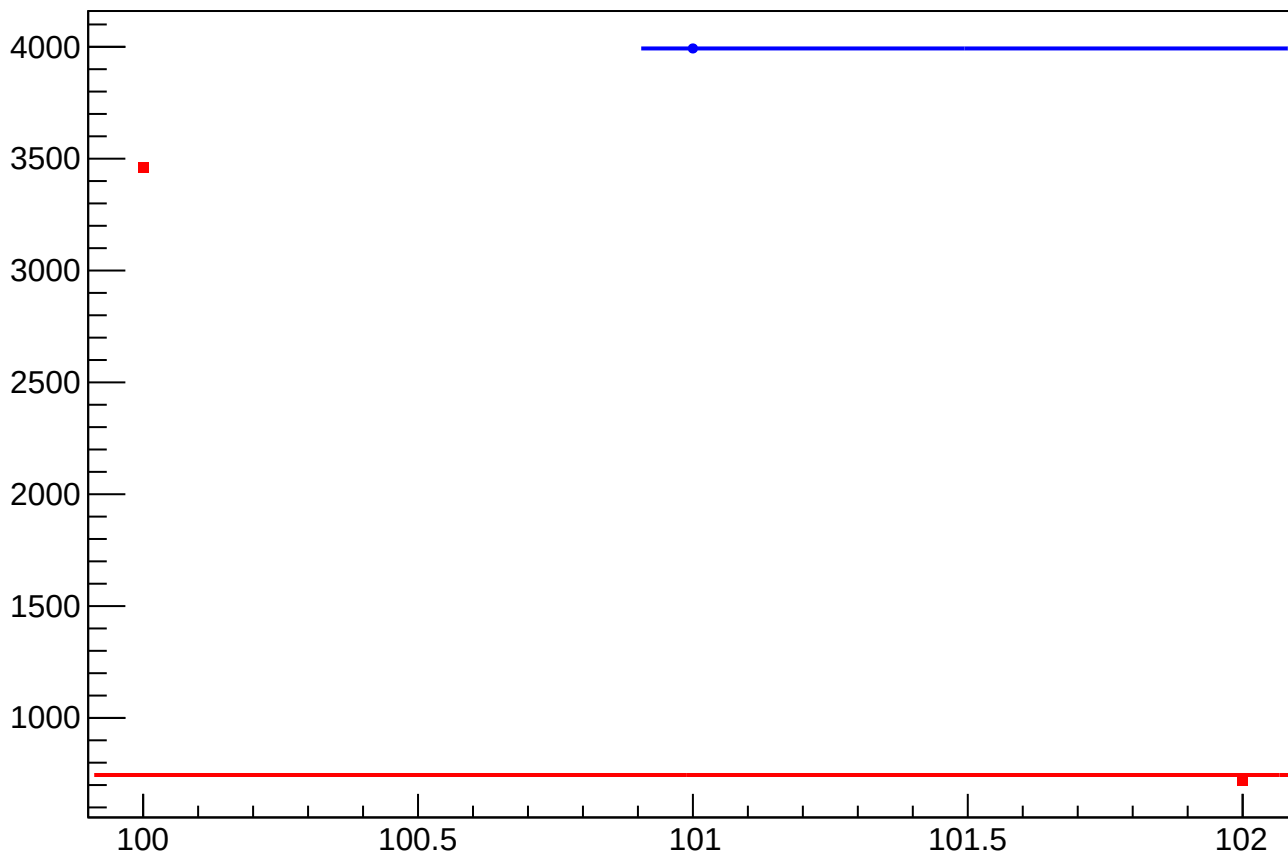
Right: 1788.841+/-1194.054 χ^2/NDF : 2.9/2

In: -3440.746+/-4930.609 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1788.841+/-1194.054 χ^2/NDF : 2.9/2

asym_atl_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3992.754+/-3.486 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 744.957+/-0.870 χ^2/NDF : 89899.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

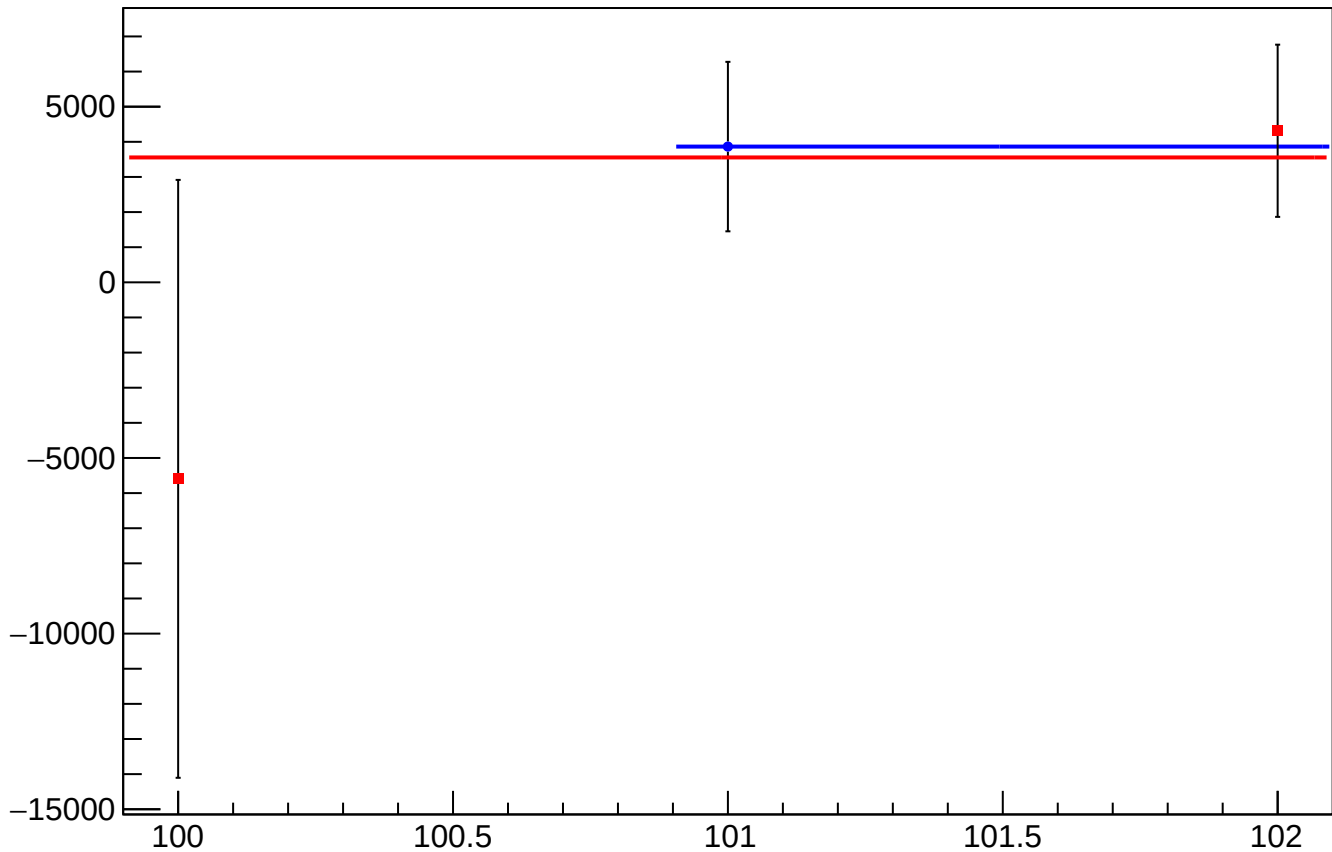
Right: 935.431+/-0.844 χ^2/NDF : 906781.6/2

In: 3992.754+/-3.486 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 935.431+/-0.844 χ^2/NDF : 906781.6/2

eigen_cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 3864.348 $\pm$ 2412.286 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3555.316 $\pm$ 2355.437 χ^2 /NDF: 1.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

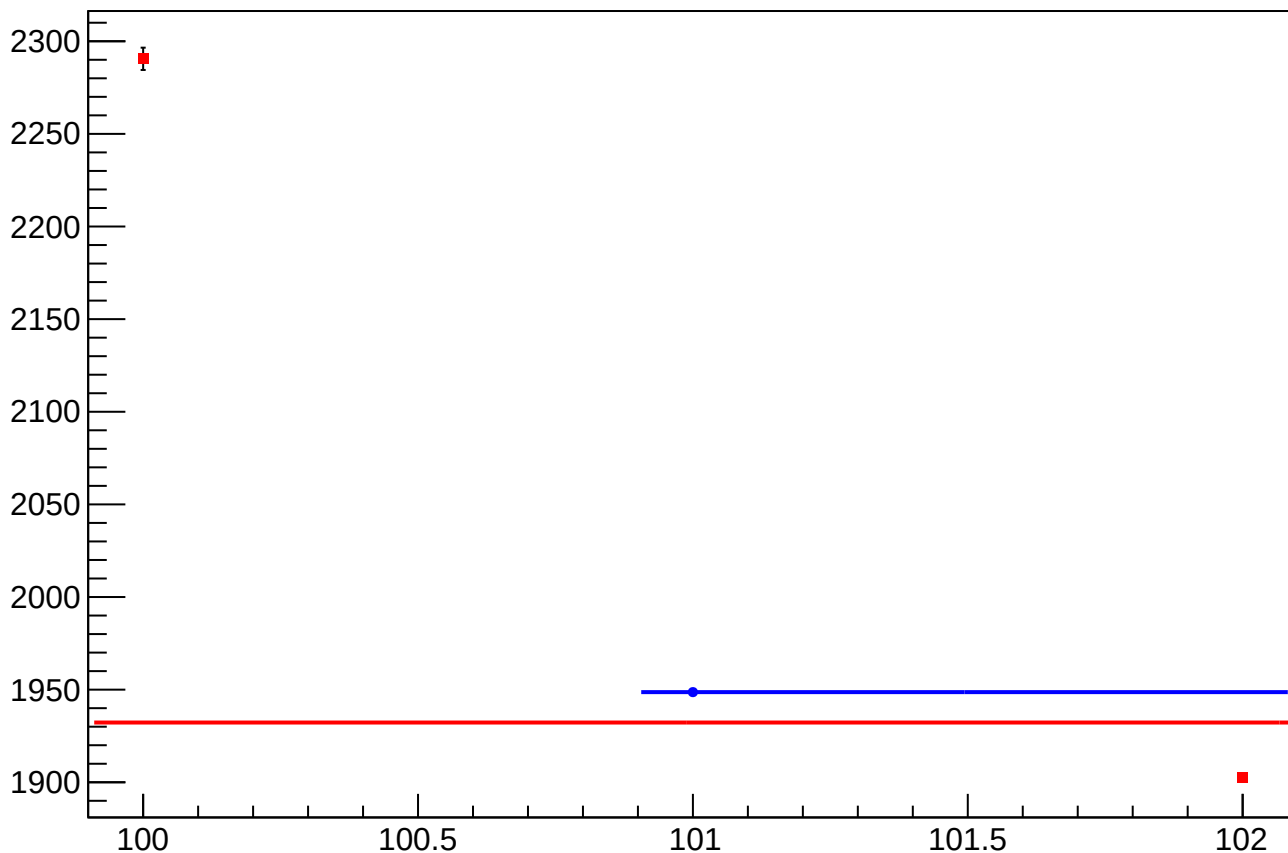
Right: 3706.147 $\pm$ 1685.285 χ^2 /NDF: 1.3/2

In: 3864.348 $\pm$ 2412.286 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3706.147 $\pm$ 1685.285 χ^2 /NDF: 1.3/2

eigen_cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1948.664 $\pm$ 1.706 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1932.253 $\pm$ 1.666 χ^2 /NDF: 3838.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

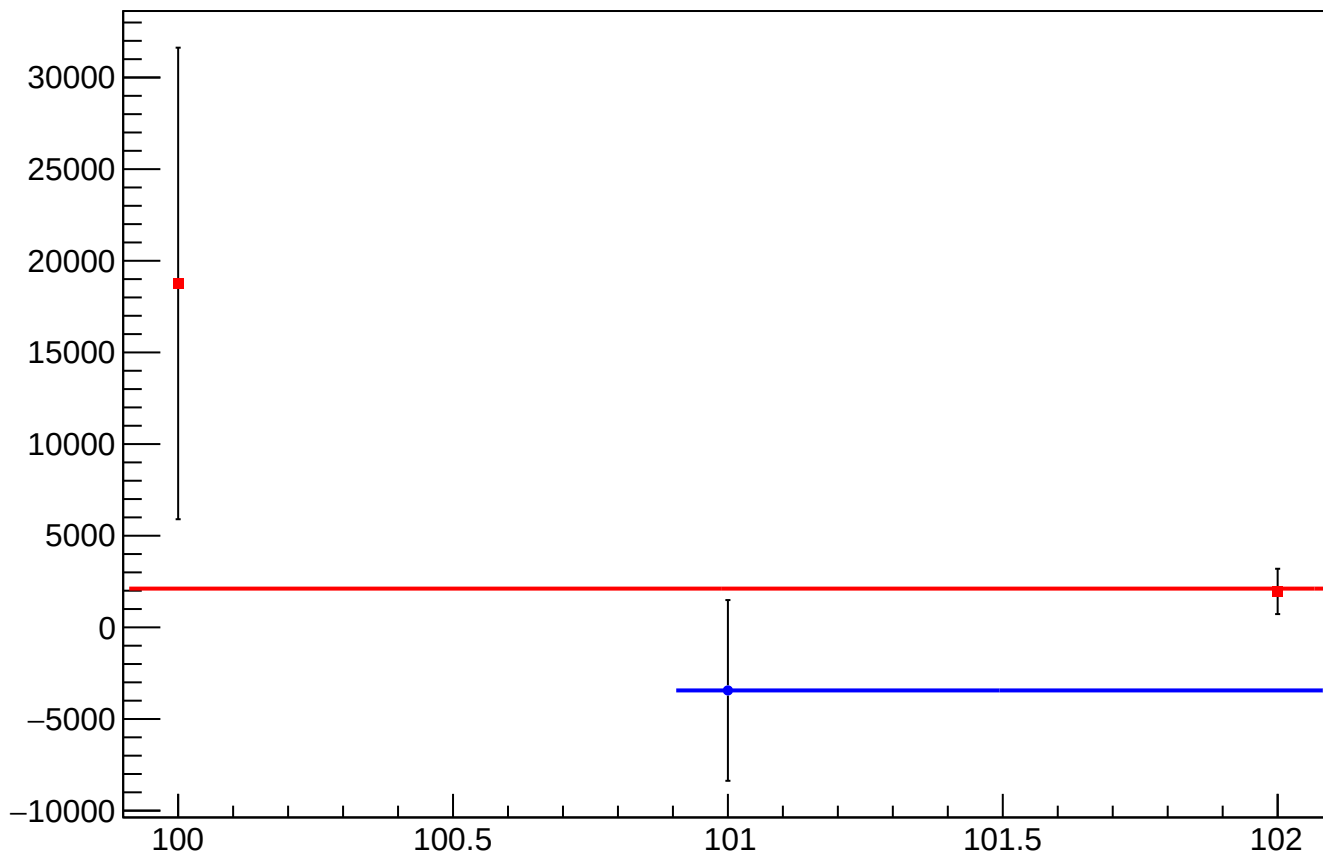
Right: 1940.263 $\pm$ 1.192 χ^2 /NDF: 3885.9/2

In: 1948.664 $\pm$ 1.706 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1940.263 $\pm$ 1.192 χ^2 /NDF: 3885.9/2

asym_atl_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -3440.746+/-4930.609 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2114.649+/-1230.688 χ^2/NDF : 1.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

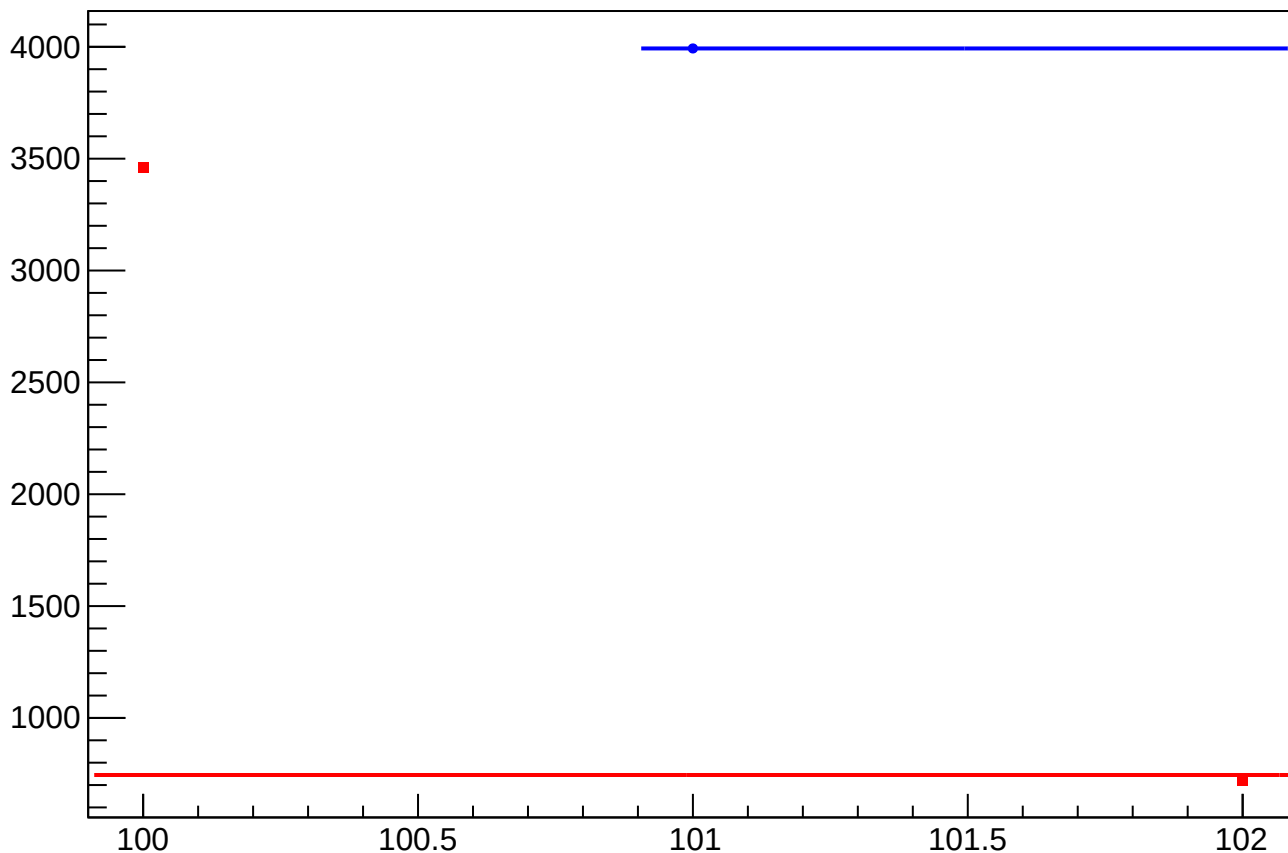
Right: 1788.841+/-1194.054 χ^2/NDF : 2.9/2

In: -3440.746+/-4930.609 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1788.841+/-1194.054 χ^2/NDF : 2.9/2

asym_atl_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3992.754+/-3.486 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 744.957+/-0.870 χ^2/NDF : 89899.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

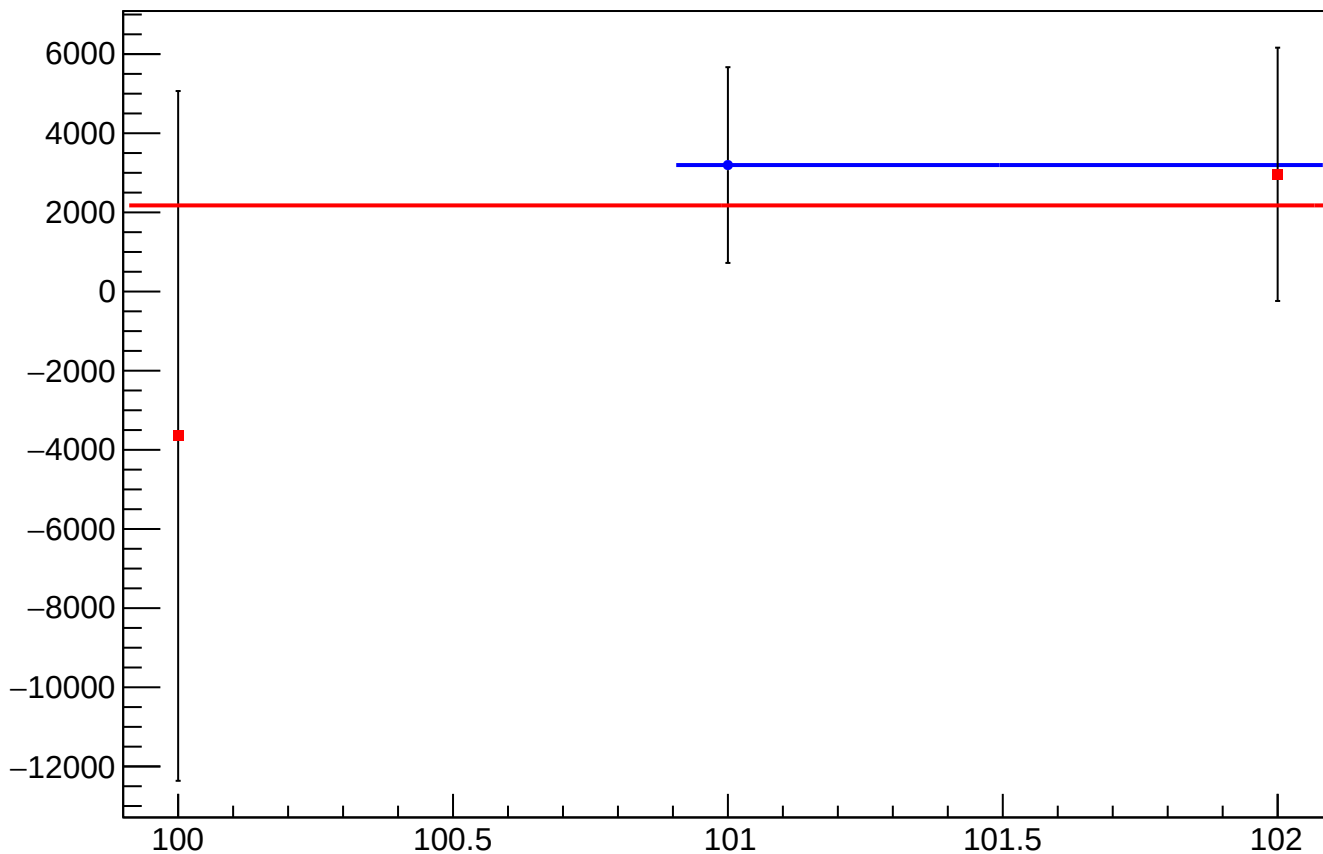
Right: 935.431+/-0.844 χ^2/NDF : 906781.6/2

In: 3992.754+/-3.486 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 935.431+/-0.844 χ^2/NDF : 906781.6/2

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 3196.312+/-2473.247 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2176.619+/-3004.139 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

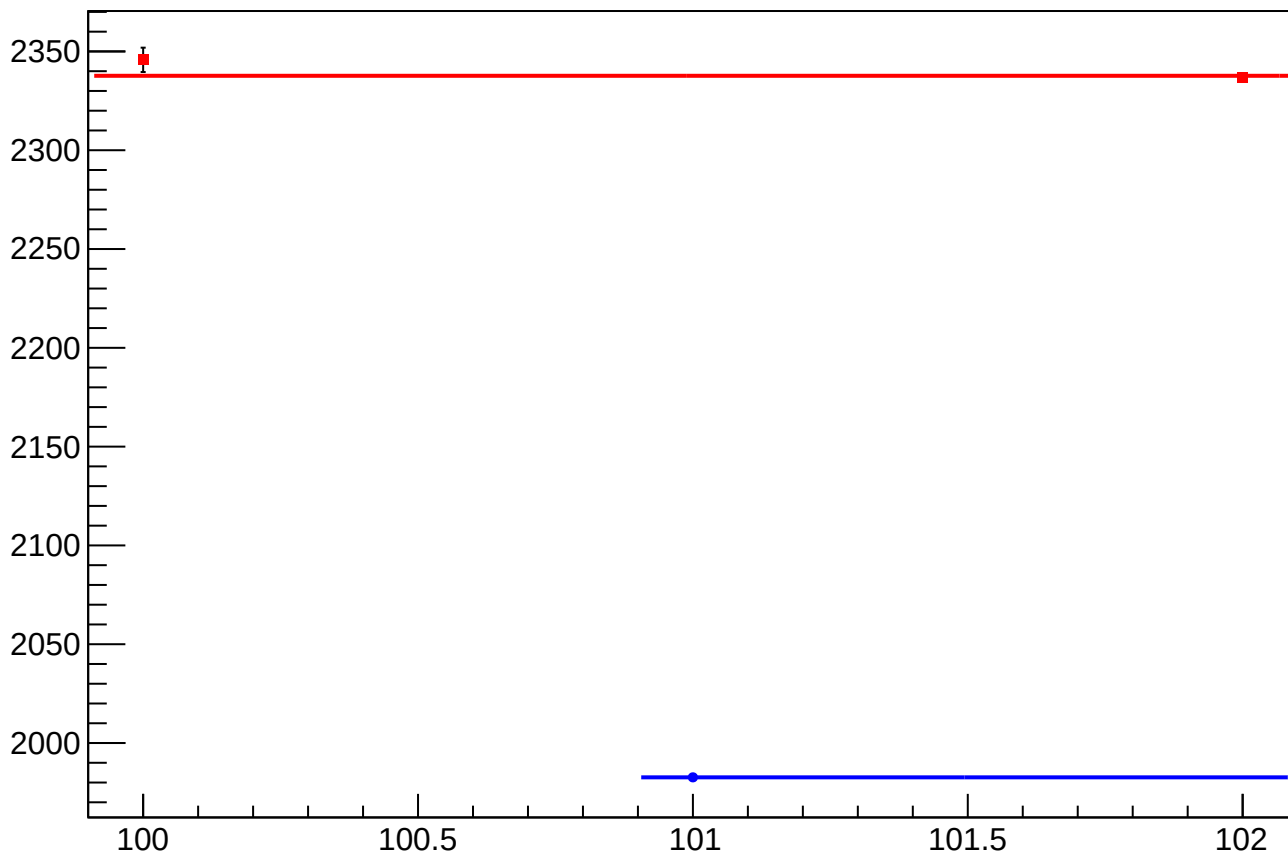
Right: 2784.379+/-1909.408 χ^2/NDF : 0.6/2

In: 3196.312+/-2473.247 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2784.379+/-1909.408 χ^2/NDF : 0.6/2

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1982.628 $\pm$ 1.749 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2337.673 $\pm$ 2.124 χ^2 /NDF: 1.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

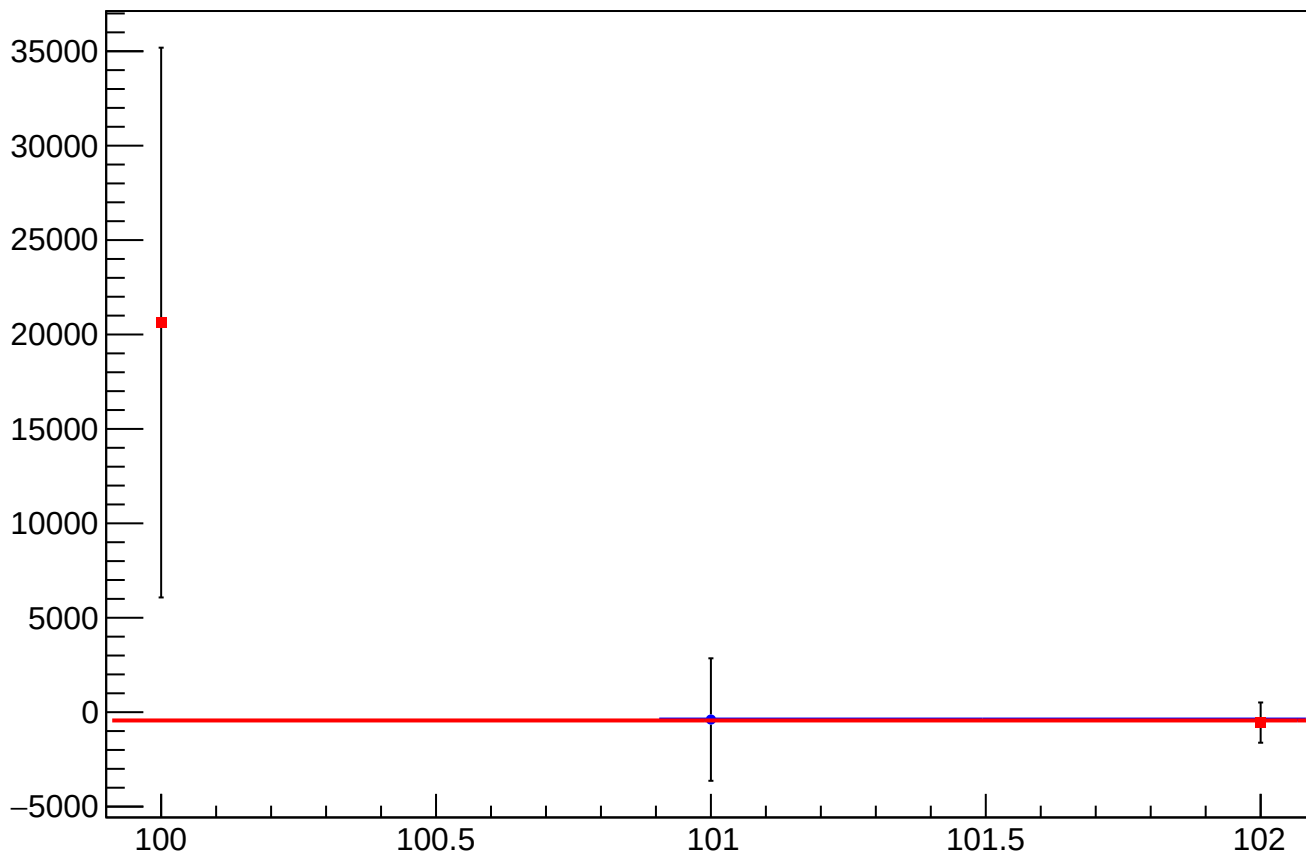
Right: 2126.059 $\pm$ 1.350 χ^2 /NDF: 16652.2/2

In: 1982.628 $\pm$ 1.749 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2126.059 $\pm$ 1.350 χ^2 /NDF: 16652.2/2

asym_atl_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -390.148 ± 3243.396 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -438.628 ± 1062.626 $\chi^2/\text{NDF}: 2.1/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

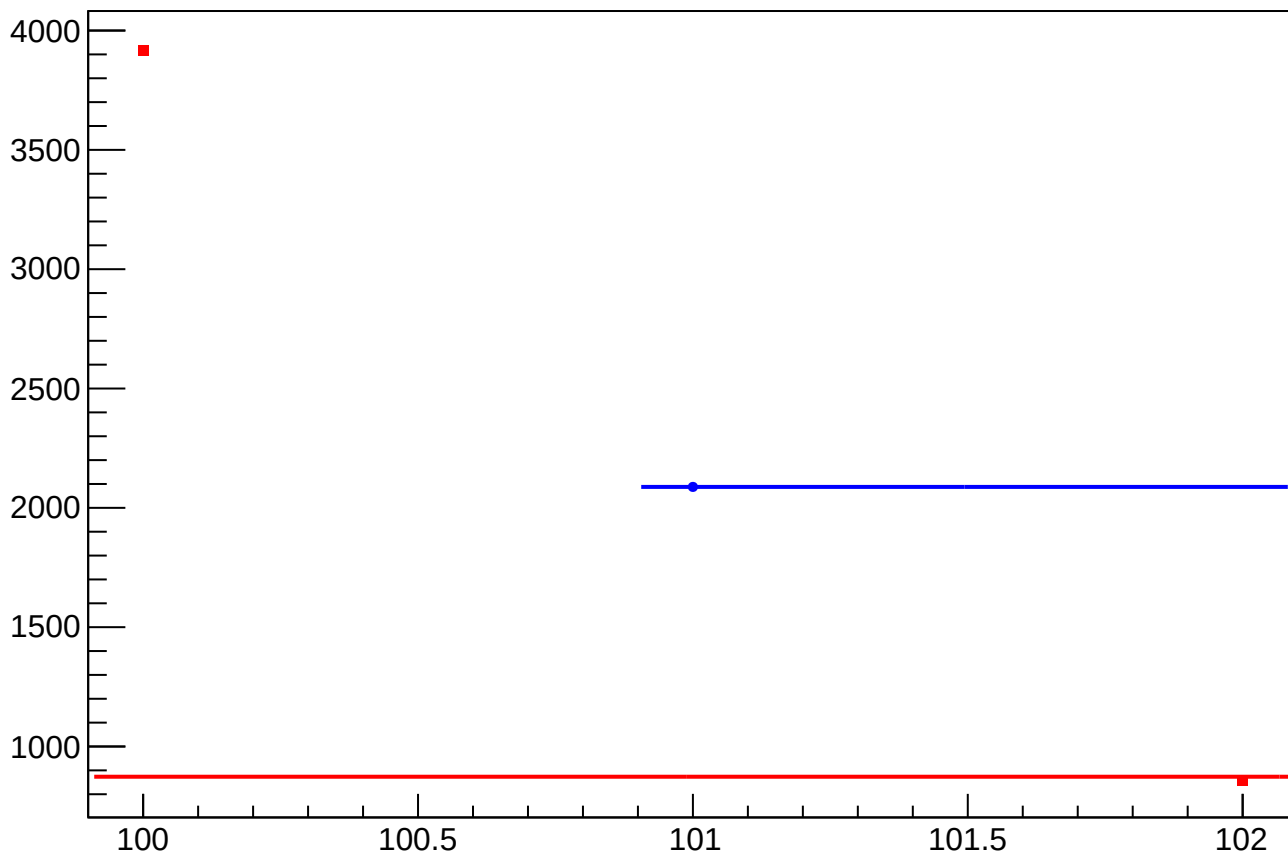
Right: -433.929 ± 1009.810 $\chi^2/\text{NDF}: 2.1/2$

In: -390.148 ± 3243.396 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -433.929 ± 1009.810 $\chi^2/\text{NDF}: 2.1/2$

asym_atl_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2087.734 $\pm$ 2.293 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 873.349 $\pm$ 0.751 χ^2 /NDF: 87960.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

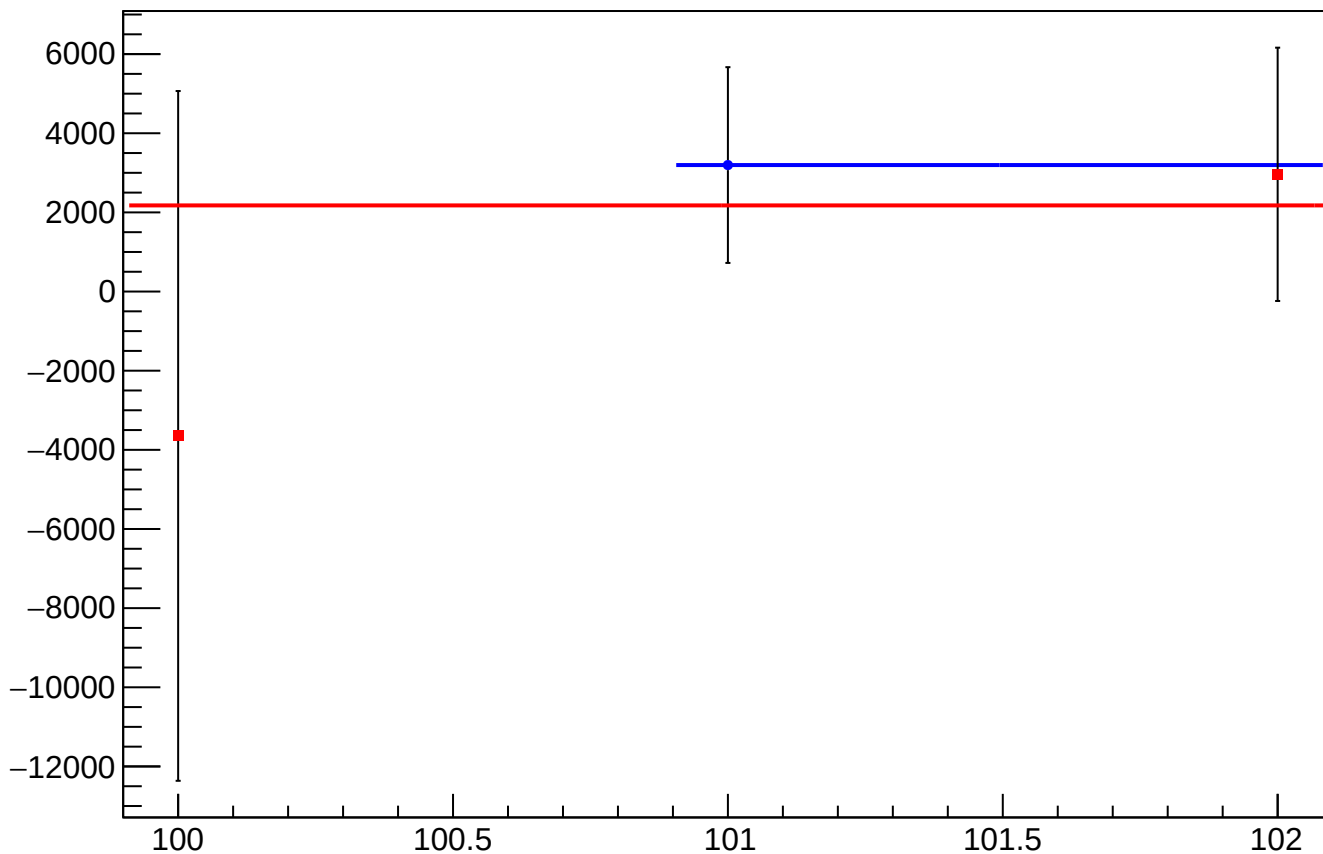
Right: 991.066 $\pm$ 0.714 χ^2 /NDF: 341159.4/2

In: 2087.734 $\pm$ 2.293 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 991.066 $\pm$ 0.714 χ^2 /NDF: 341159.4/2

eigen_dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 3196.307+/-2473.247 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2176.595+/-3004.138 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

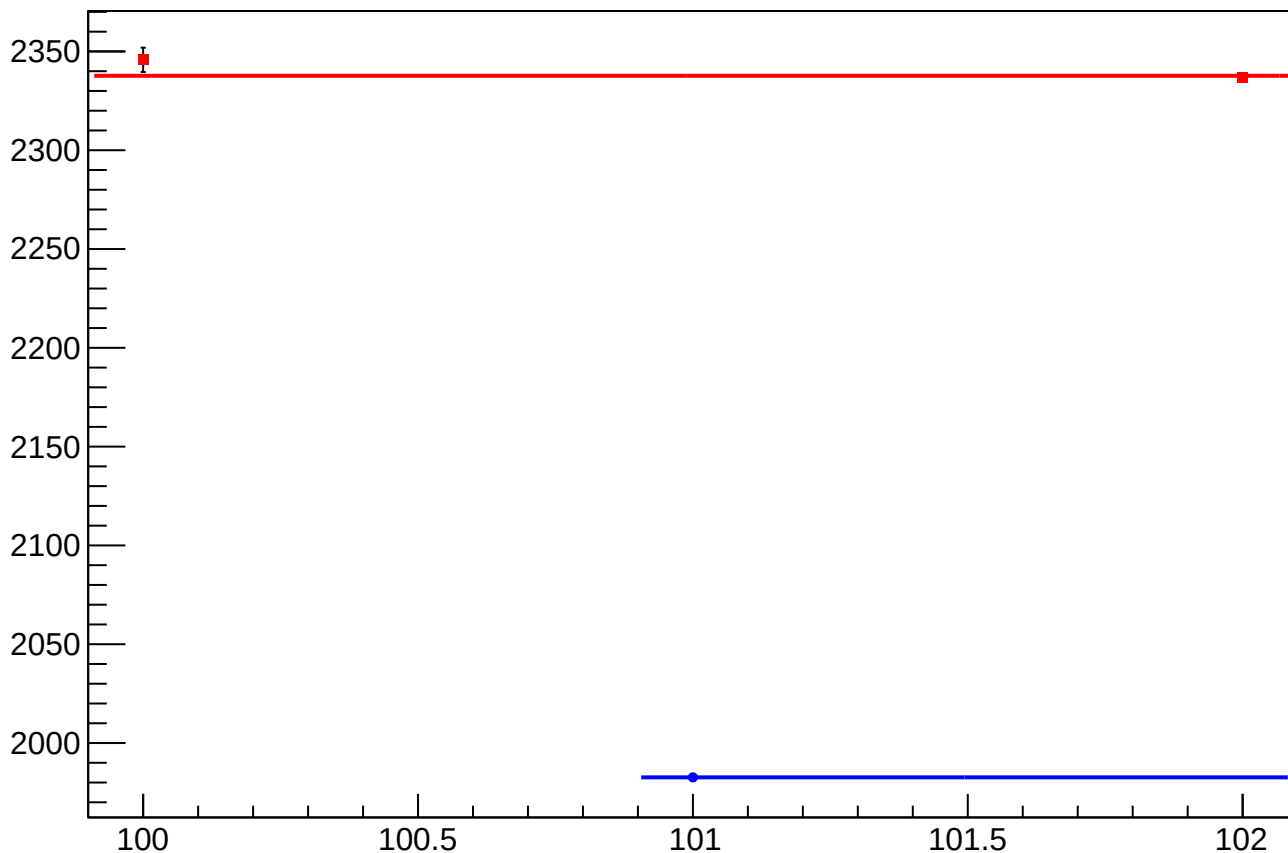
Right: 2784.366+/-1909.408 χ^2/NDF : 0.6/2

In: 3196.307+/-2473.247 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2784.366+/-1909.408 χ^2/NDF : 0.6/2

eigen_dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1982.628 $\pm$ 1.749 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2337.671 $\pm$ 2.124 χ^2 /NDF: 1.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

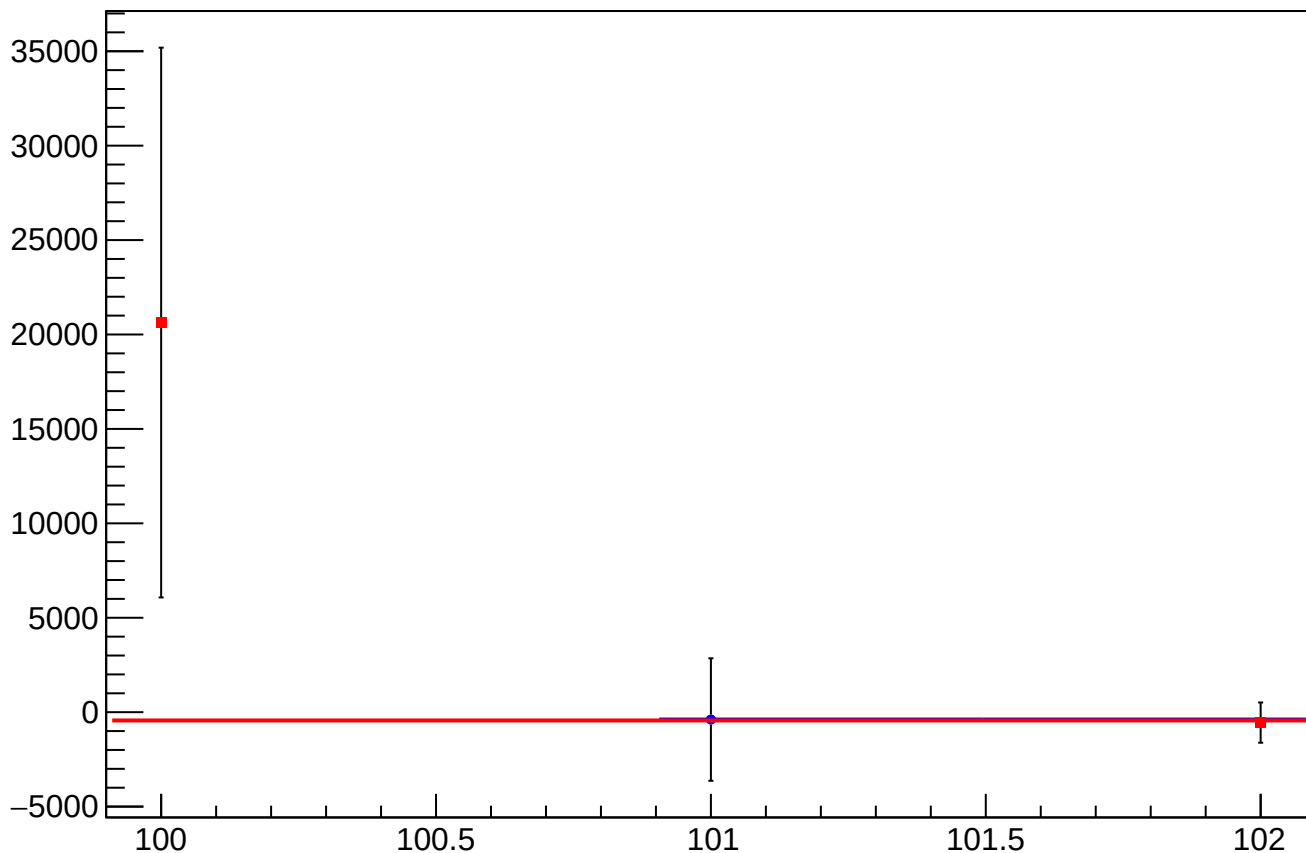
Right: 2126.058 $\pm$ 1.350 χ^2 /NDF: 16652.1/2

In: 1982.628 $\pm$ 1.749 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2126.058 $\pm$ 1.350 χ^2 /NDF: 16652.1/2

asym_atl_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -390.138+/-3243.376 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -438.625+/-1062.616 χ^2/NDF : 2.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

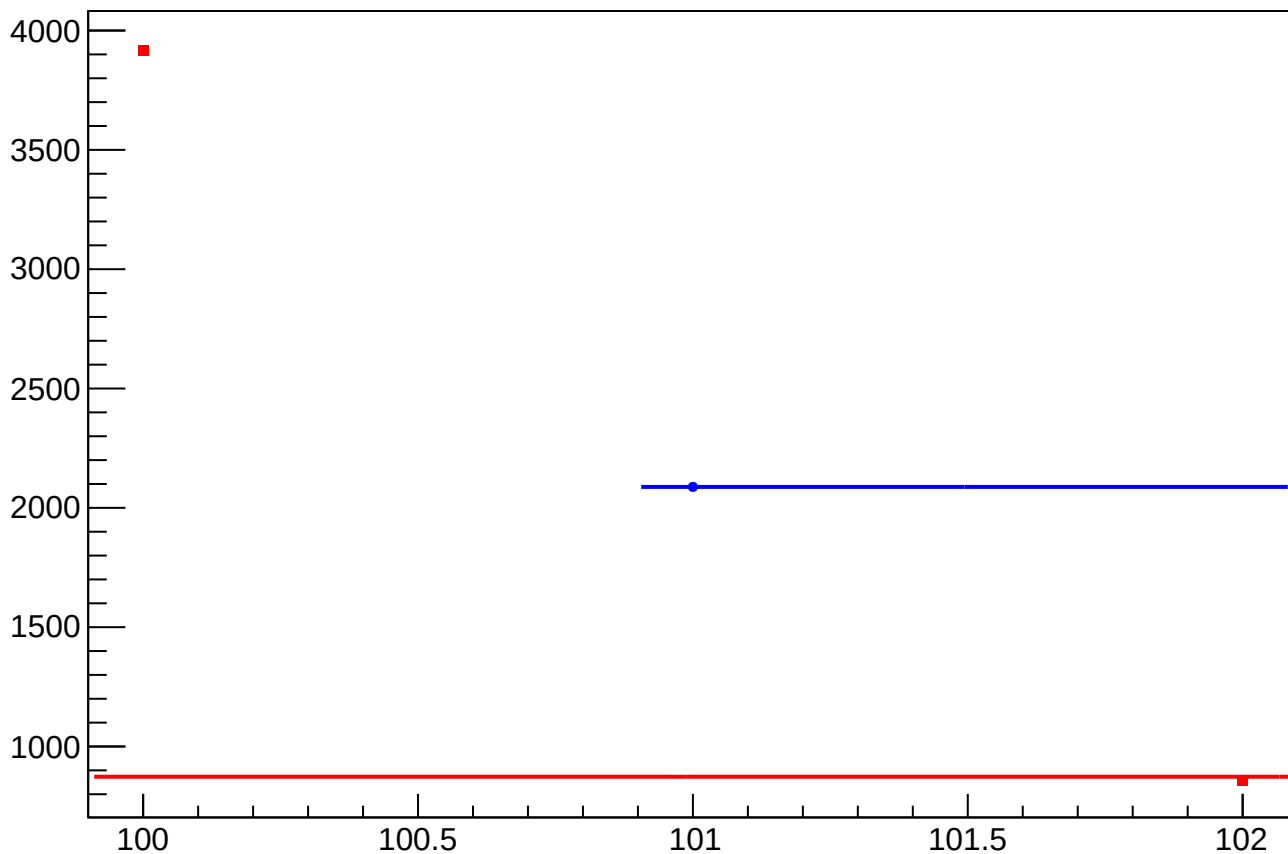
Right: -433.925+/-1009.802 χ^2/NDF : 2.1/2

In: -390.138+/-3243.376 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -433.925+/-1009.802 χ^2/NDF : 2.1/2

asym_atl_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2087.716 $\pm$ 2.293 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 873.342 $\pm$ 0.751 χ^2 /NDF: 87960.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

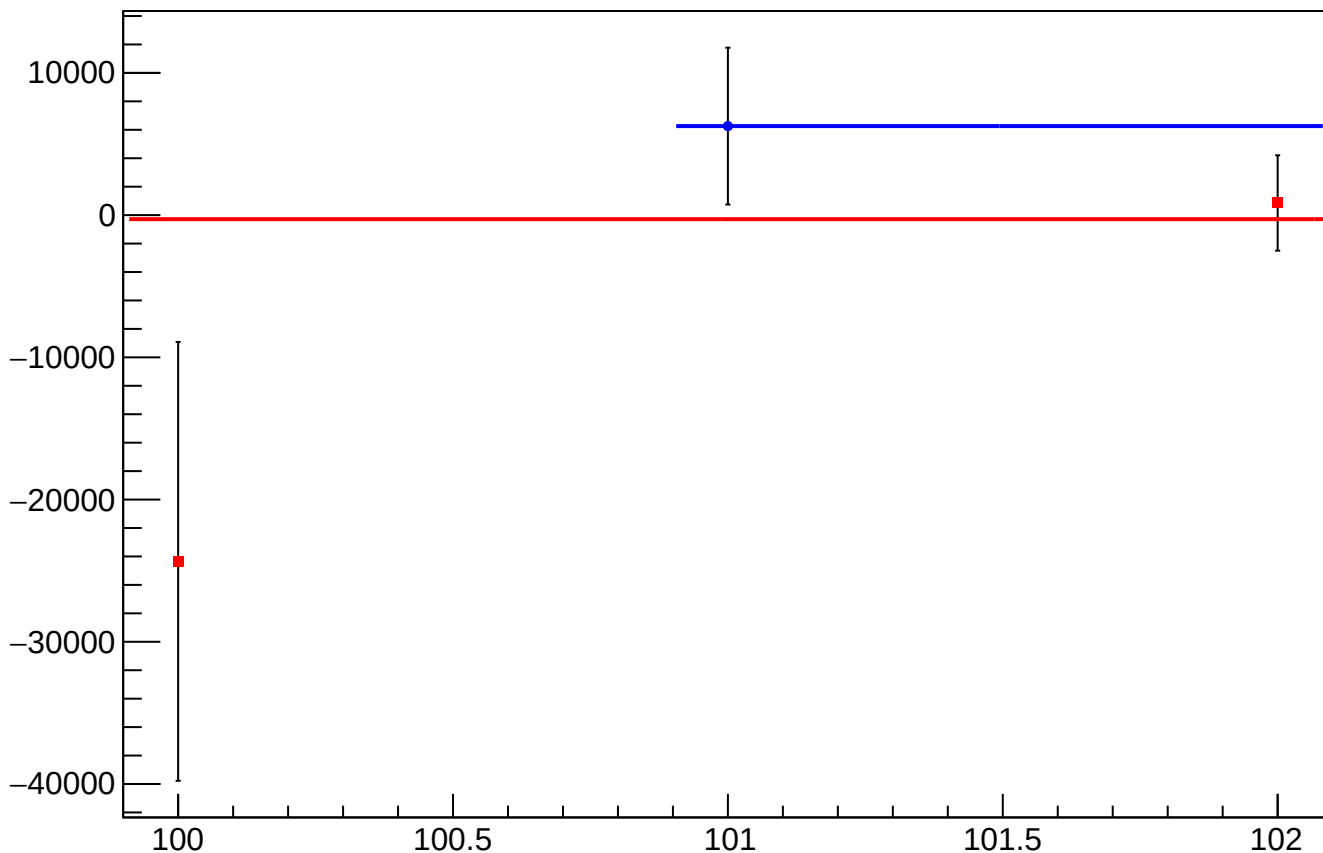
Right: 991.056 $\pm$ 0.714 χ^2 /NDF: 341158.6/2

In: 2087.716 $\pm$ 2.293 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 991.056 $\pm$ 0.714 χ^2 /NDF: 341158.6/2

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 6260.383+/-5514.288 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -282.440+/-3276.856 χ^2 /NDF: 2.5/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

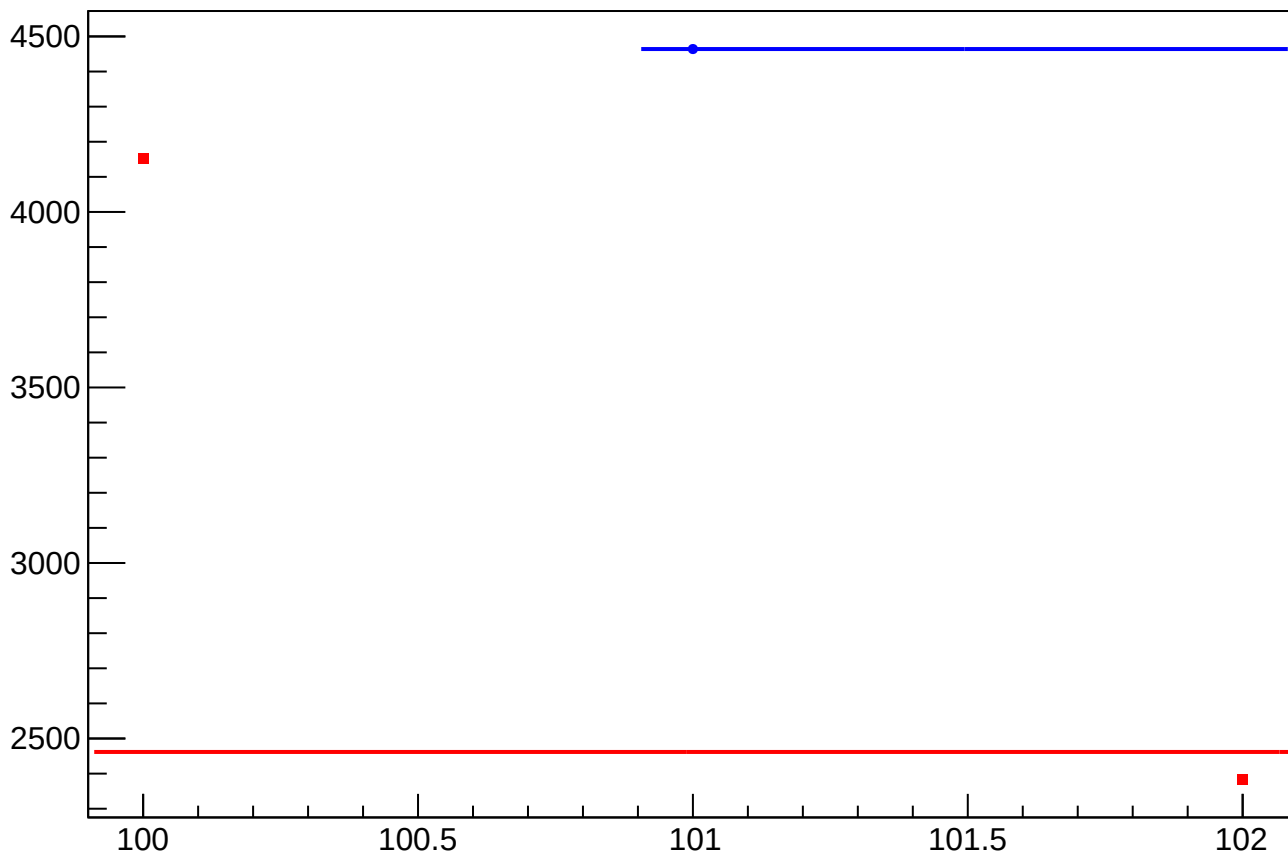
Right: 1425.062+/-2817.004 χ^2 /NDF: 3.6/2

In: 6260.383+/-5514.288 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1425.062+/-2817.004 χ^2 /NDF: 3.6/2

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 4464.097+/-3.899 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2461.703+/-2.317 χ^2/NDF : 25106.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

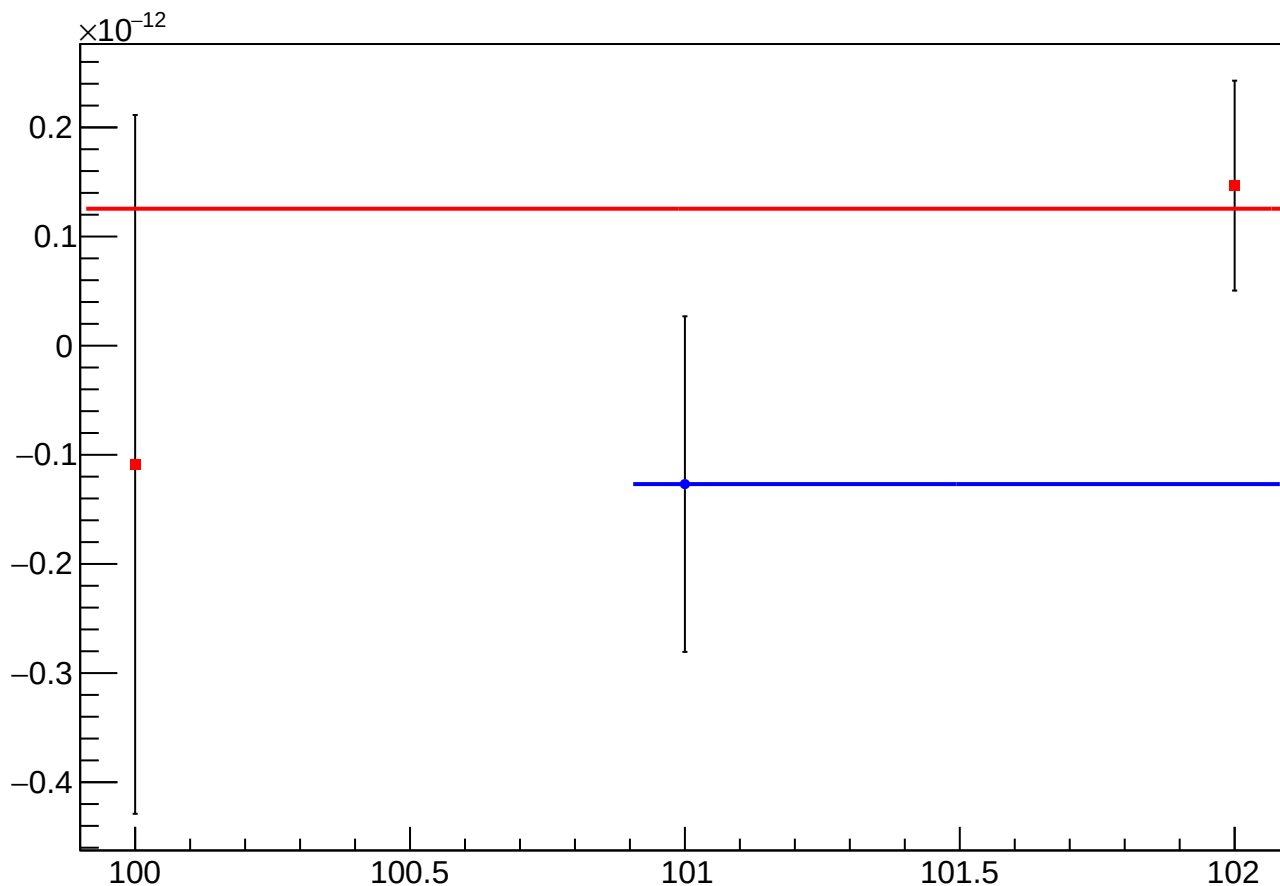
Right: 2984.271+/-1.992 χ^2/NDF : 220006.7/2

In: 4464.097+/-3.899 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2984.271+/-1.992 χ^2/NDF : 220006.7/2

asym_atl_avg_reg_vs_cor_diff_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 : 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

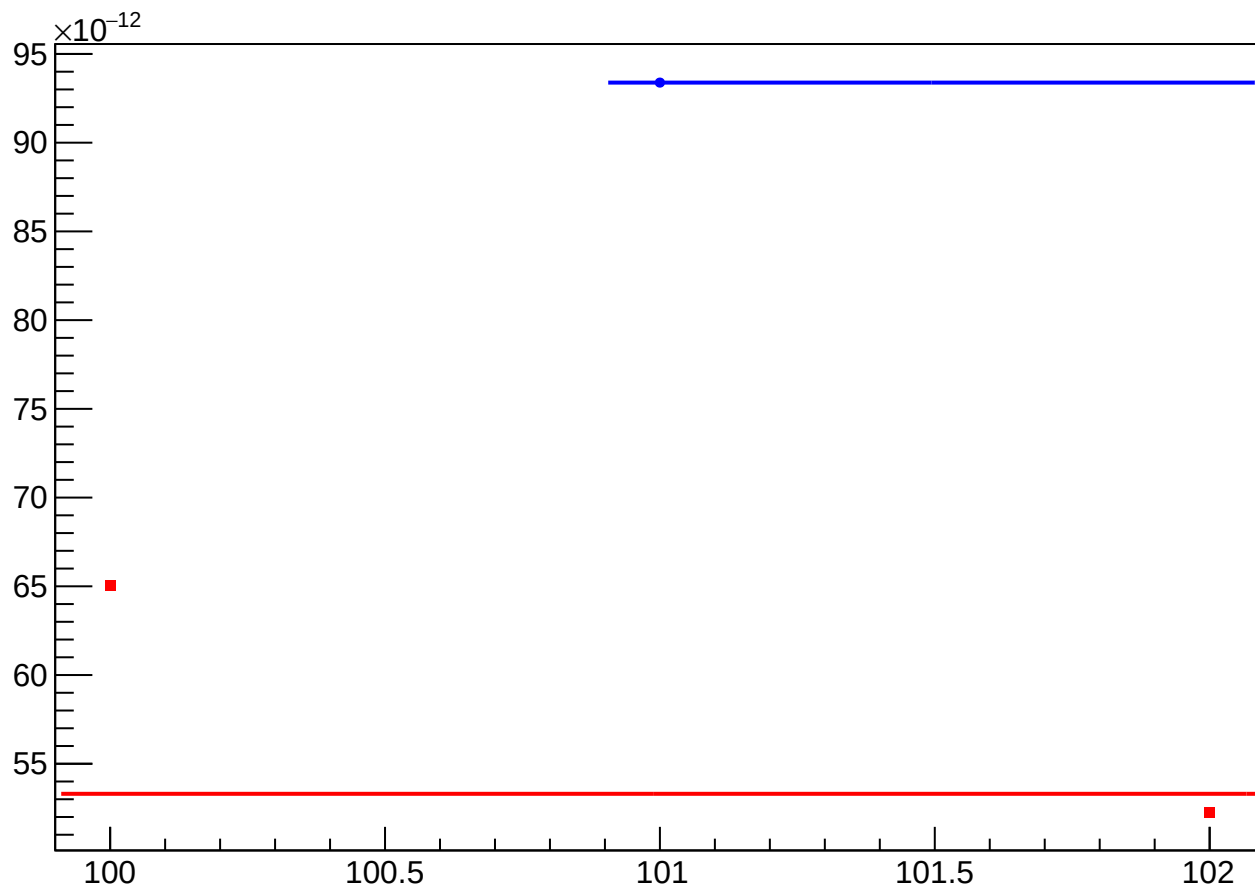
Right: 0.000+/-0.000 χ^2/NDF : 2.6/2

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 : 2.6/2

asym_atl_avg_reg_vs_cor_diff_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 : 2925.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

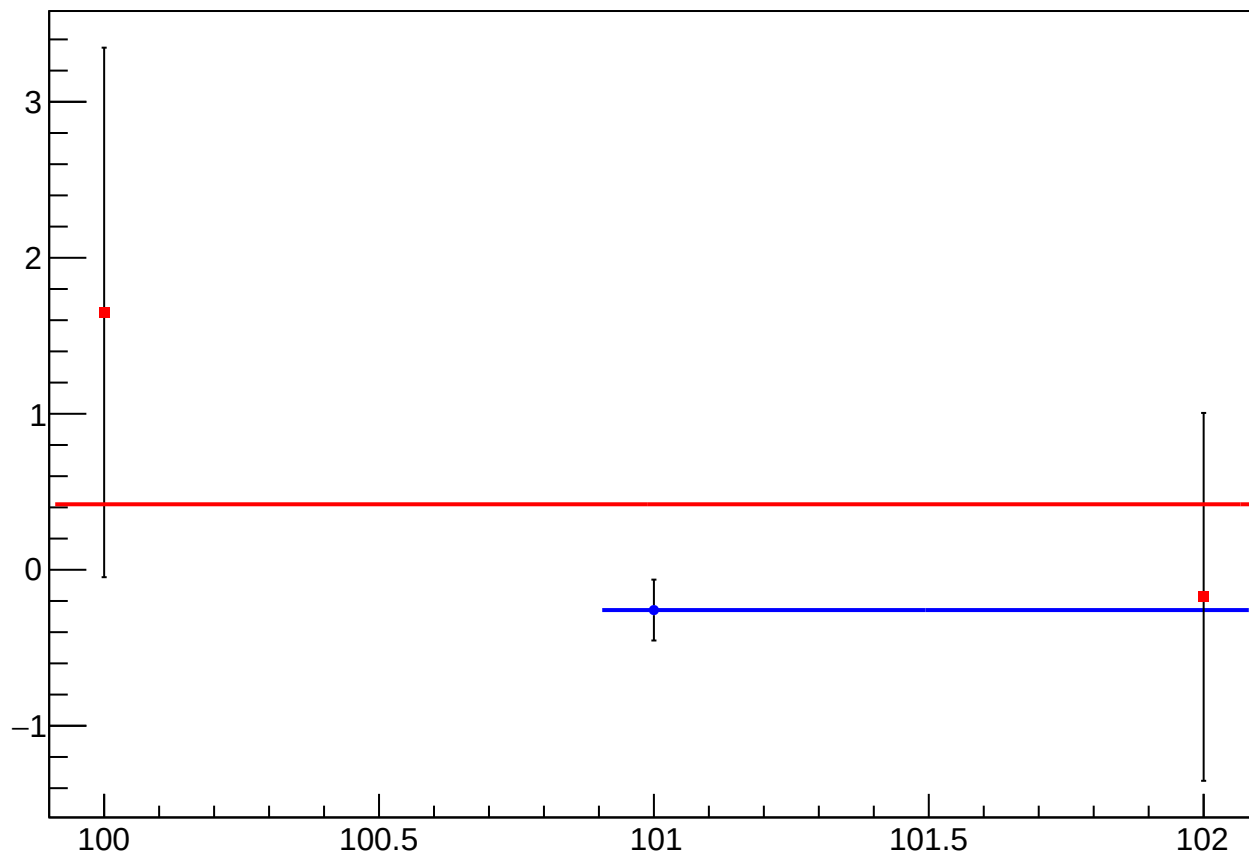
Right: 0.000+/-0.000 χ^2/NDF : 102932.6/2

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 : 102932.6/2

asym_atl_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.258 $\pm$ 0.195 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.420 $\pm$ 0.968 χ^2 /NDF: 0.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

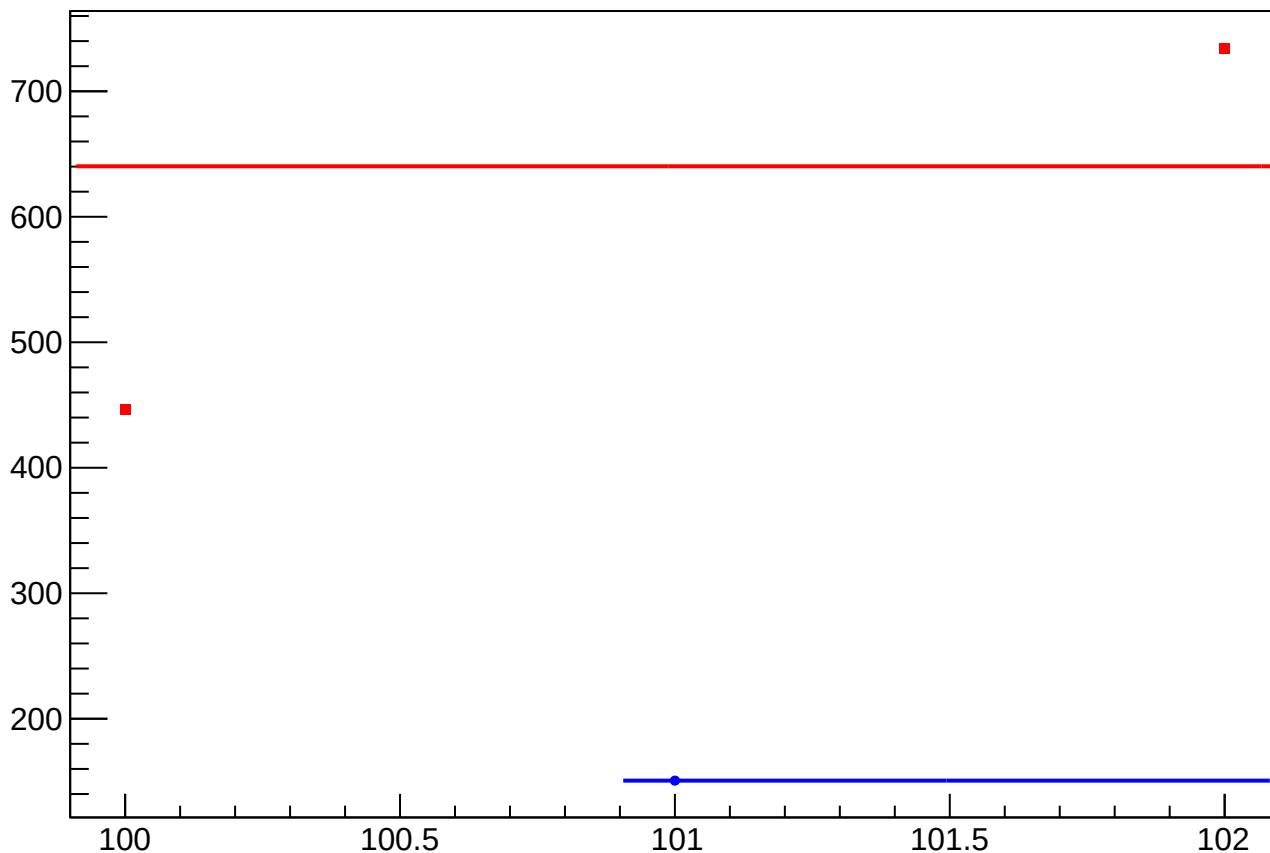
Right: -0.232 $\pm$ 0.191 χ^2 /NDF: 1.2/2

In: -0.258 $\pm$ 0.195 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.232 $\pm$ 0.191 χ^2 /NDF: 1.2/2

asym_atl_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 150.687 $\pm$ 0.138 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 640.260 $\pm$ 0.685 χ^2 /NDF: 38776.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

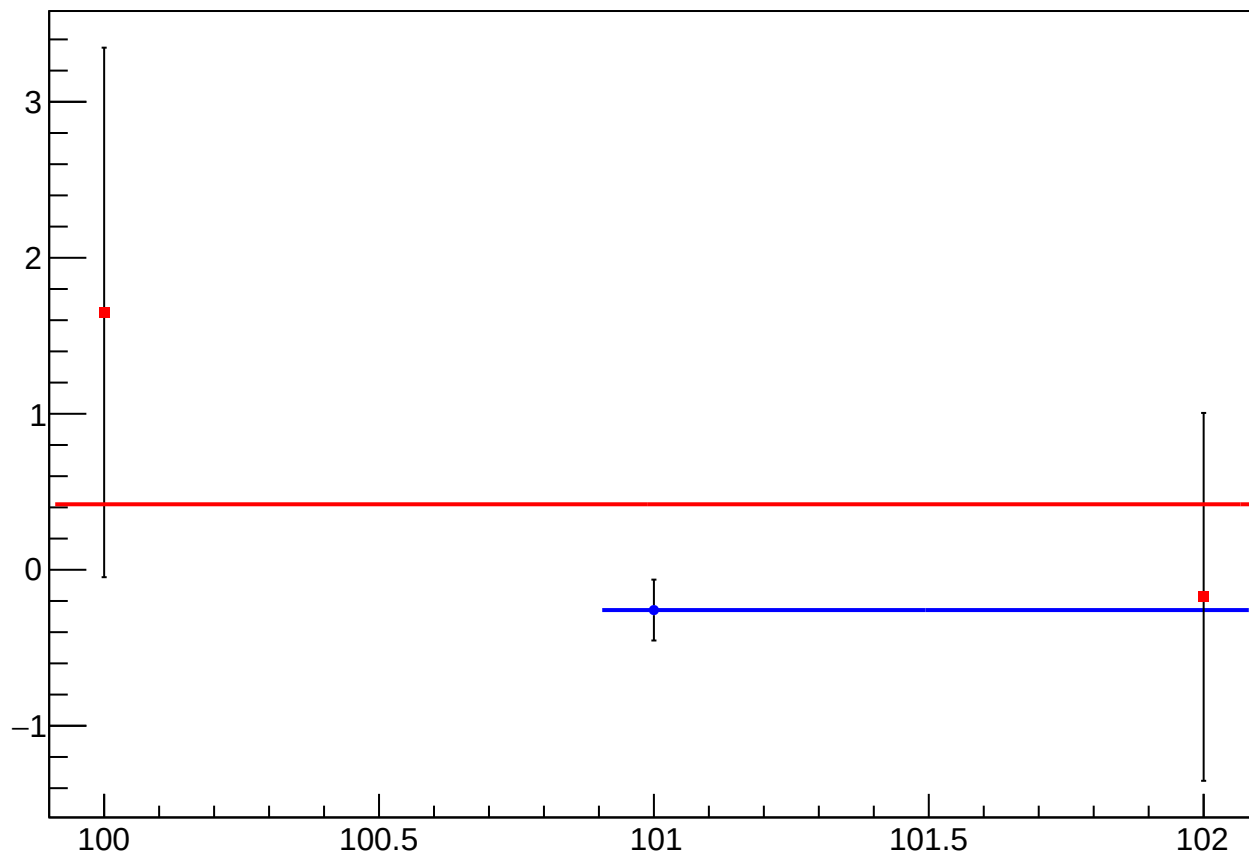
Right: 169.784 $\pm$ 0.135 χ^2 /NDF: 530047.0/2

In: 150.687 $\pm$ 0.138 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 169.784 $\pm$ 0.135 χ^2 /NDF: 530047.0/2

asym_atl_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.258+/-0.195 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.420+/-0.968 χ^2/NDF : 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

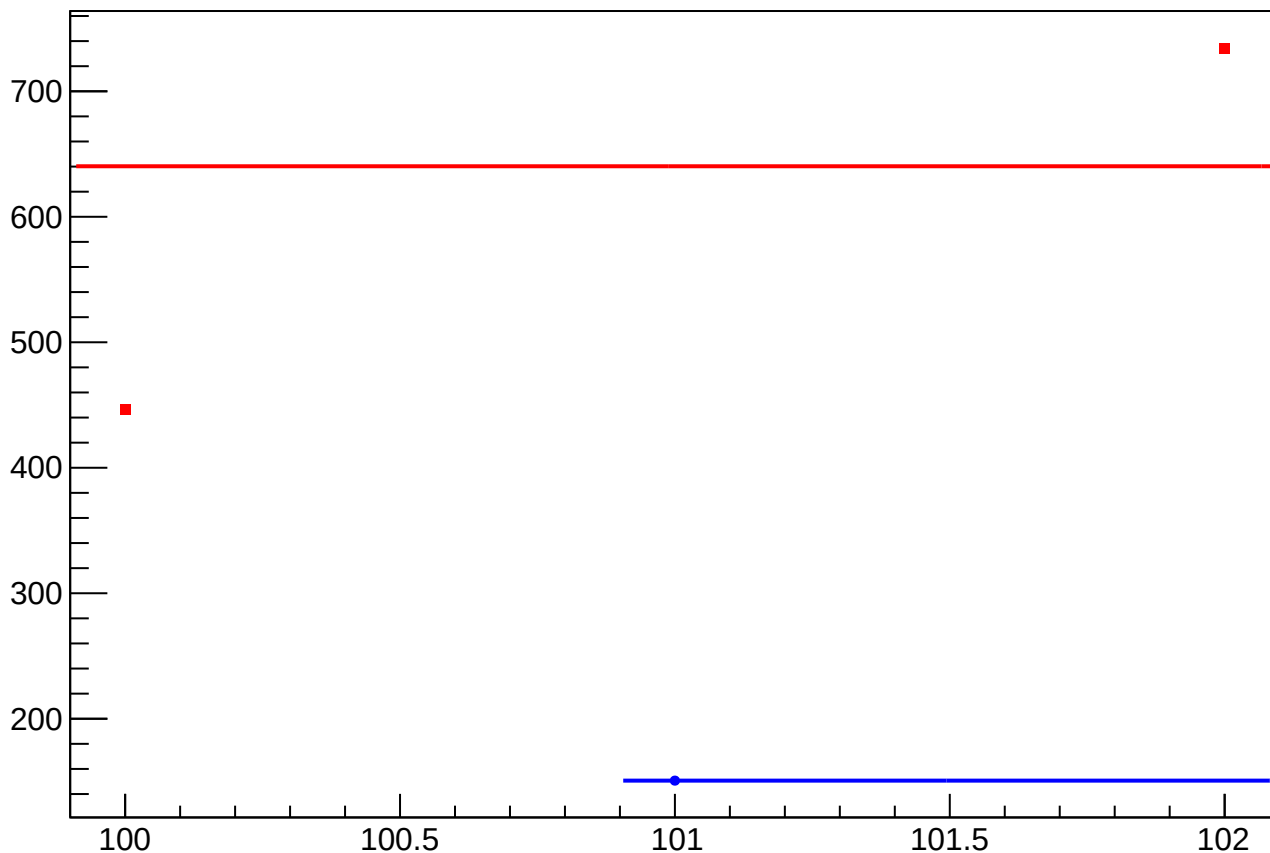
Right: -0.232+/-0.191 χ^2/NDF : 1.2/2

In: -0.258+/-0.195 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.232+/-0.191 χ^2/NDF : 1.2/2

asym_atl_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 150.687 $\pm$ 0.138 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 640.260 $\pm$ 0.685 χ^2 /NDF: 38776.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

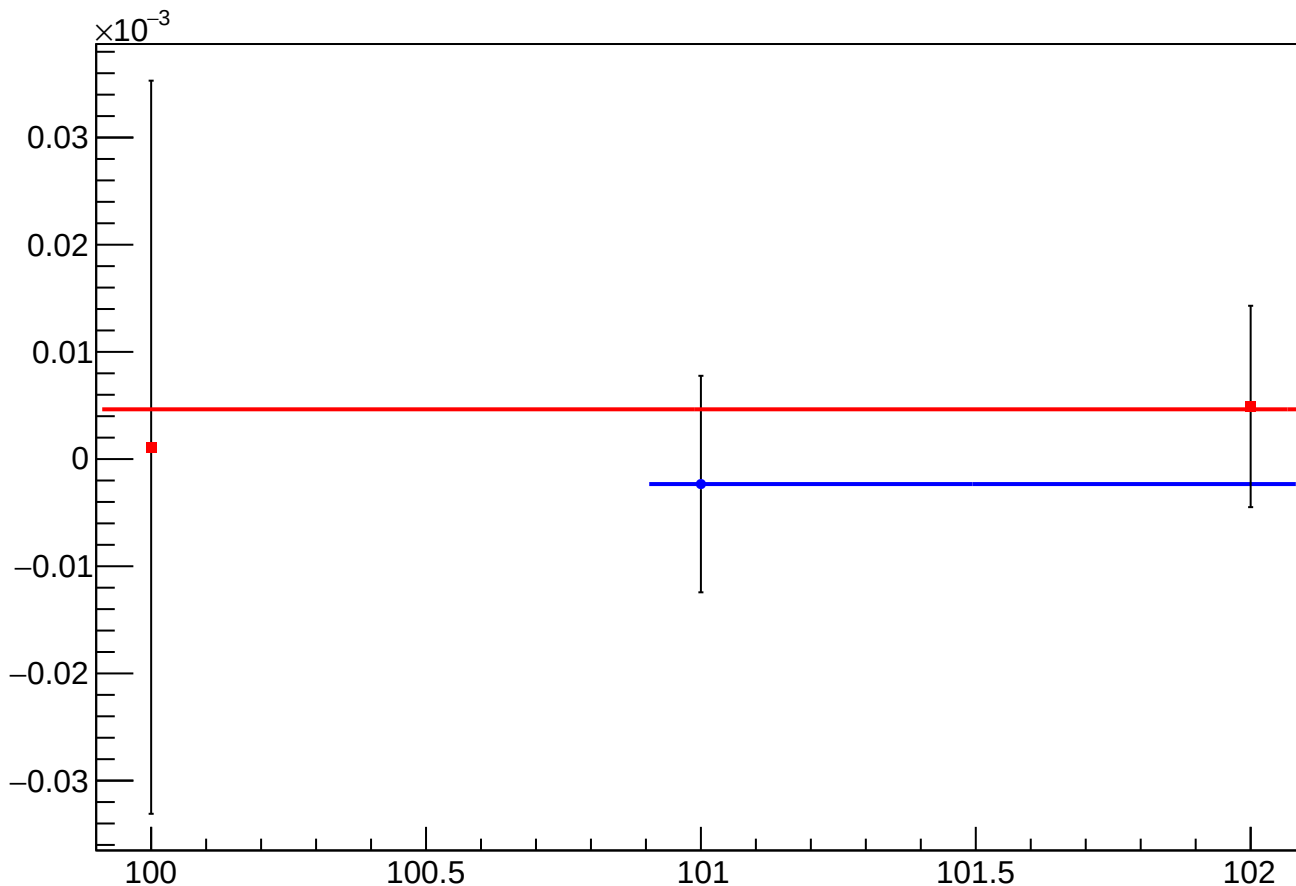
Right: 169.784 $\pm$ 0.135 χ^2 /NDF: 530047.0/2

In: 150.687 $\pm$ 0.138 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 169.784 $\pm$ 0.135 χ^2 /NDF: 530047.0/2

asym_atl_avg_eigen_dit_vs_dit_diff_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 : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

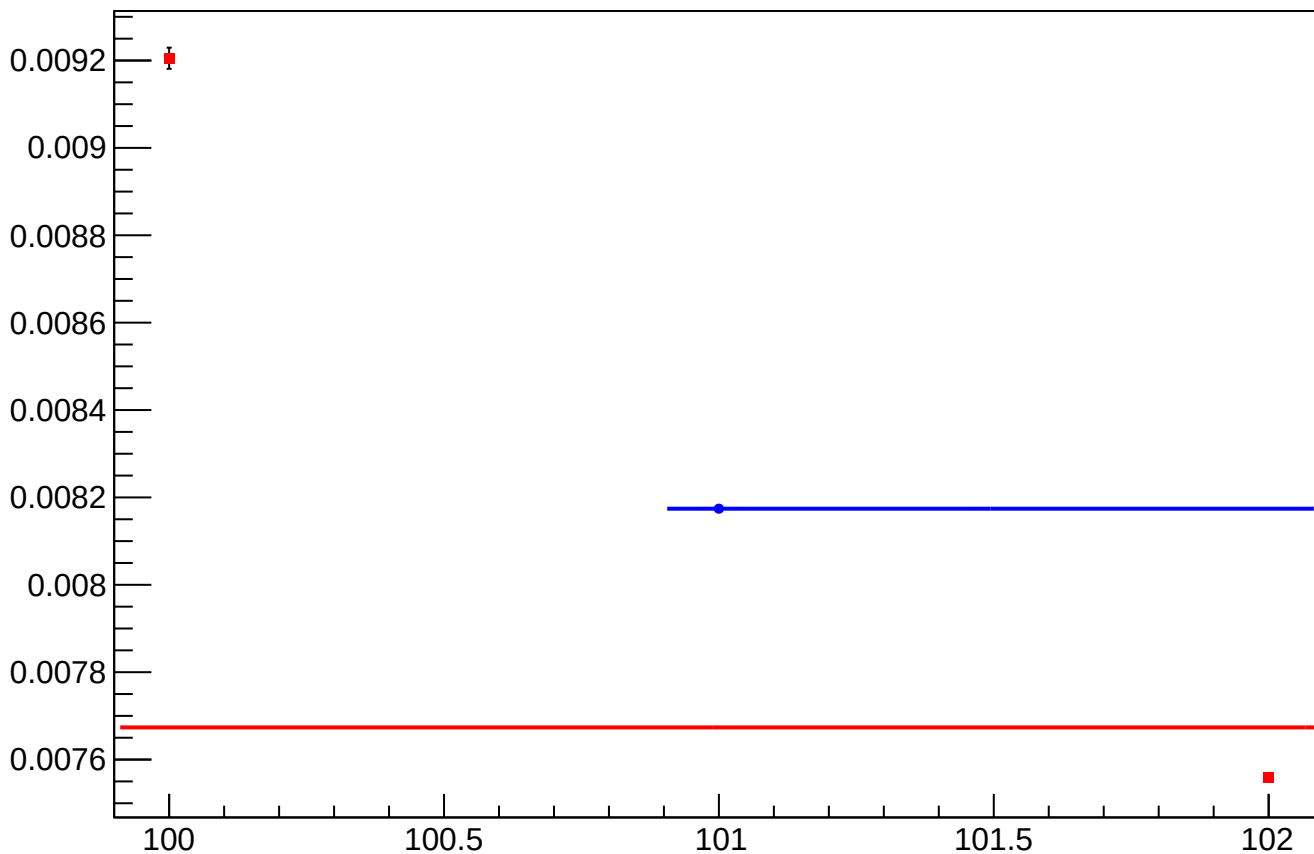
Right: 0.000+/-0.000 χ^2/NDF : 0.3/2

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 : 0.3/2

asym_atl_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 4313.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

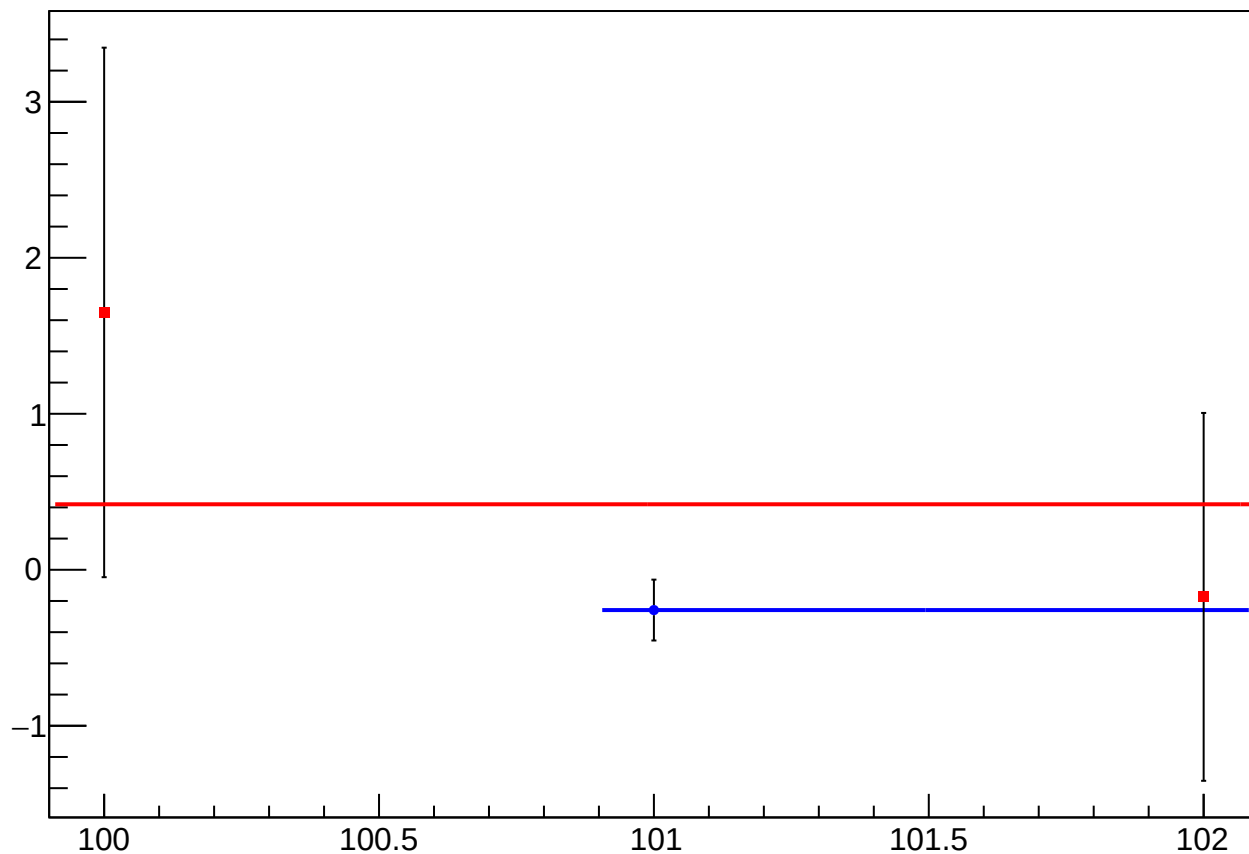
Right: 0.008+/-0.000 χ^2/NDF : 7036.7/2

In: 0.008+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 7036.7/2

asym_atl_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.258+/-0.195 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.420+/-0.968 χ^2/NDF : 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

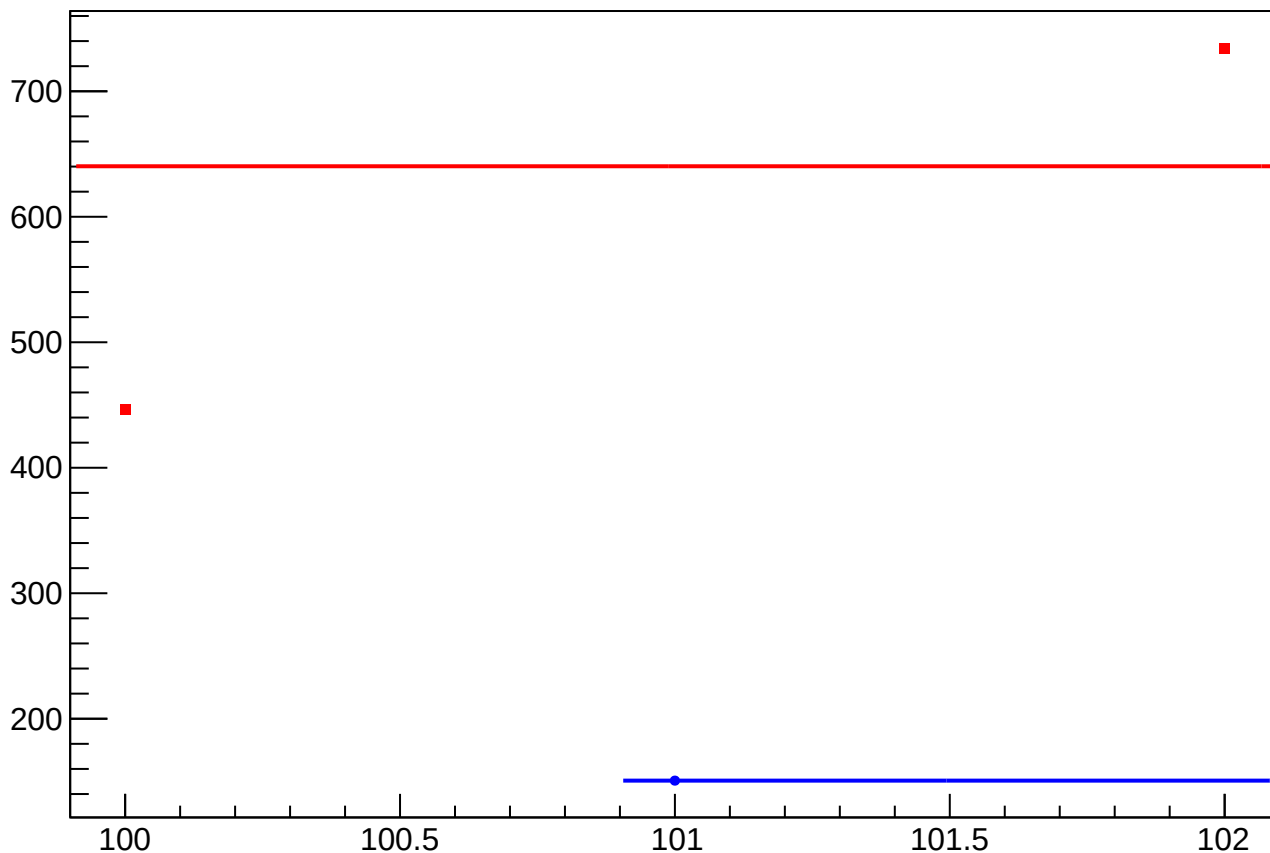
Right: -0.232+/-0.191 χ^2/NDF : 1.2/2

In: -0.258+/-0.195 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.232+/-0.191 χ^2/NDF : 1.2/2

asym_atl_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 150.683+/-0.138 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 640.251+/-0.685 χ^2/NDF : 38775.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

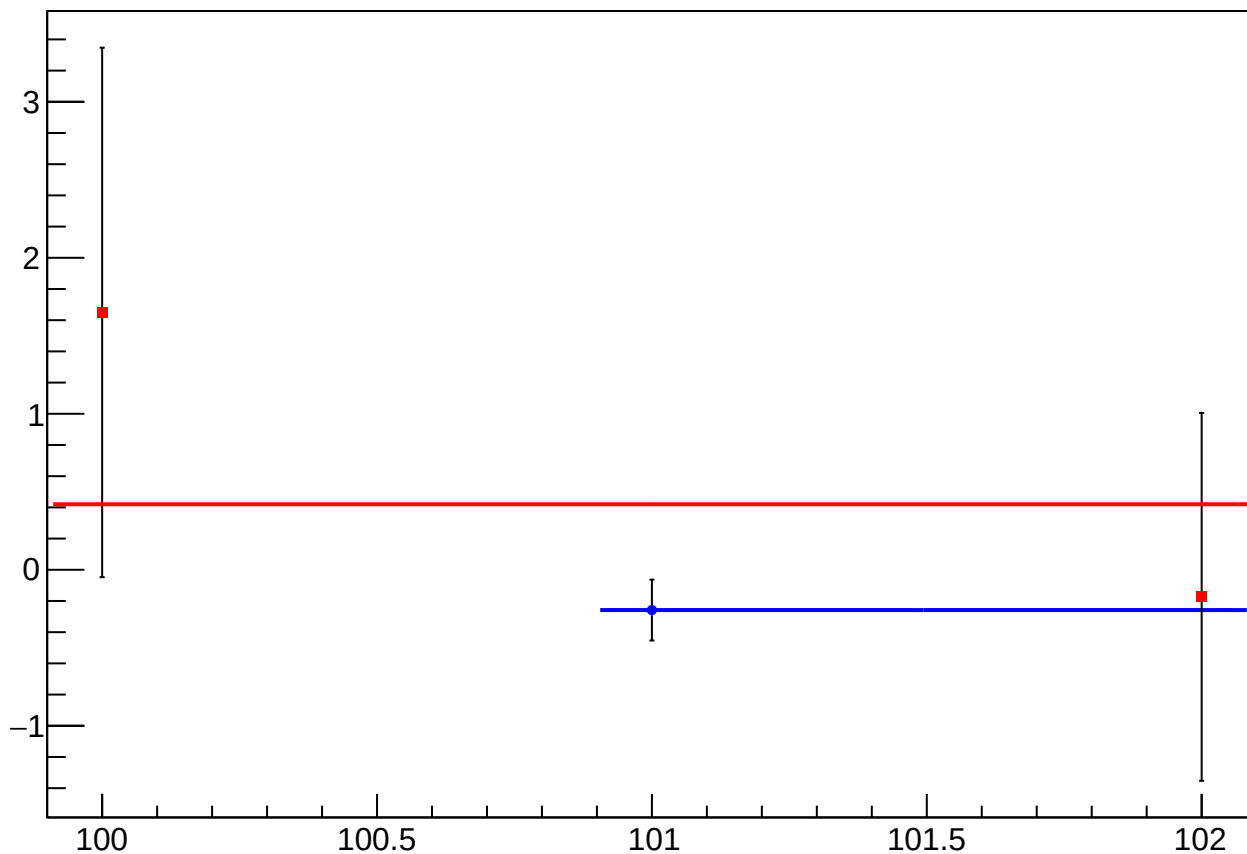
Right: 169.780+/-0.135 χ^2/NDF : 530046.1/2

In: 150.683+/-0.138 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.780+/-0.135 χ^2/NDF : 530046.1/2

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.258+/-0.195 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.420+/-0.968 χ^2/NDF : 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

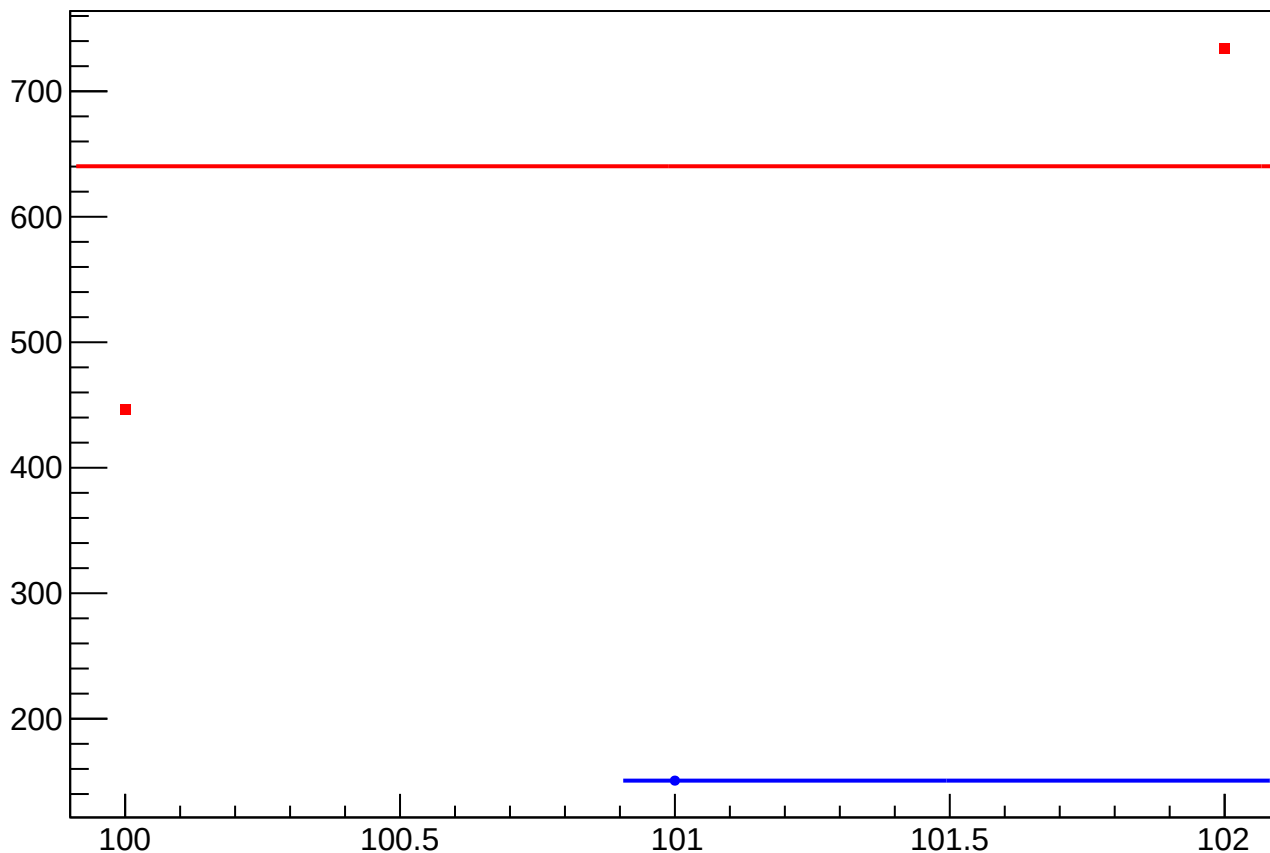
Right: -0.232+/-0.191 χ^2/NDF : 1.2/2

In: -0.258+/-0.195 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.232+/-0.191 χ^2/NDF : 1.2/2

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 150.683 $\pm$ 0.138 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 640.251 $\pm$ 0.685 χ^2 /NDF: 38775.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

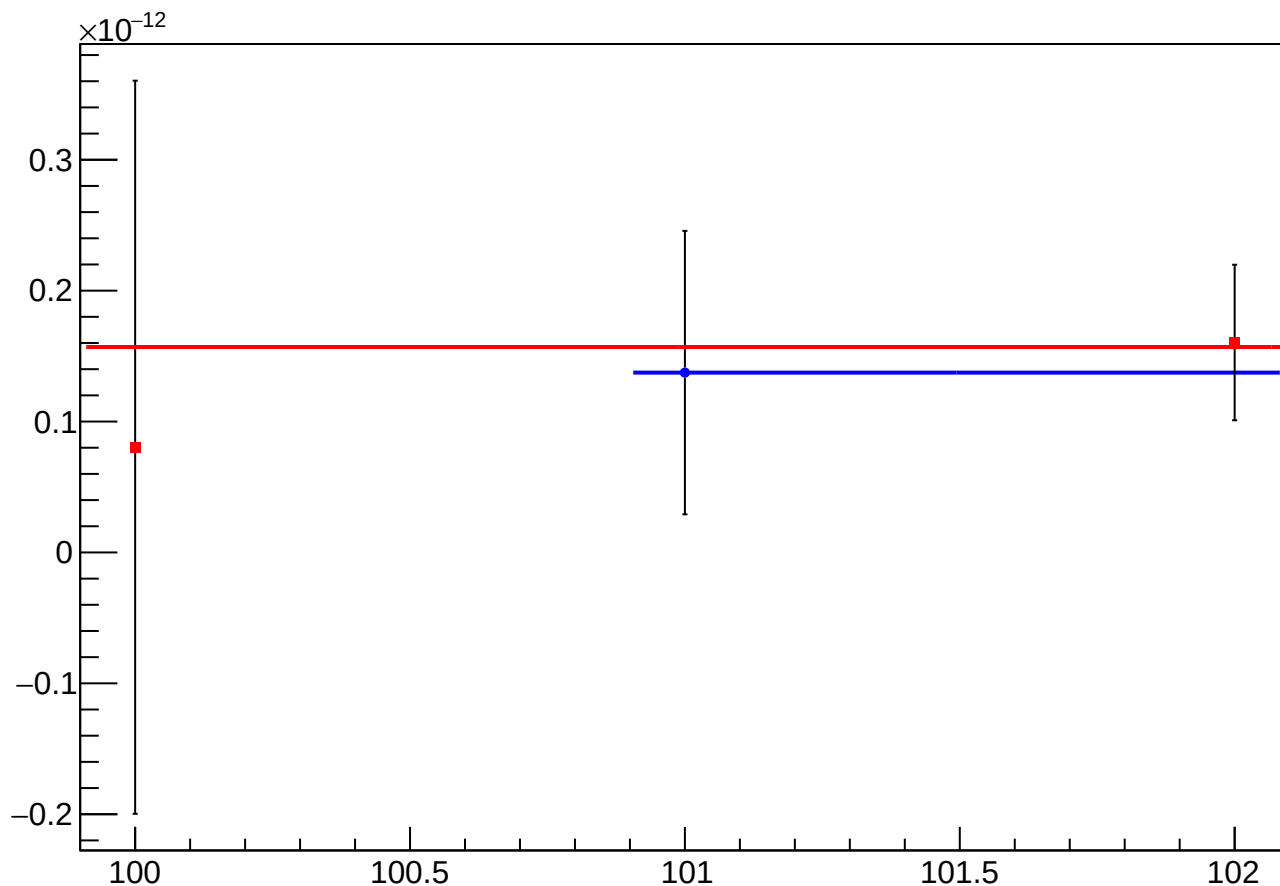
Right: 169.780 $\pm$ 0.135 χ^2 /NDF: 530046.1/2

In: 150.683 $\pm$ 0.138 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 169.780 $\pm$ 0.135 χ^2 /NDF: 530046.1/2

asym_atl_avg_eigen_cor_vs_cor_diff_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 : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

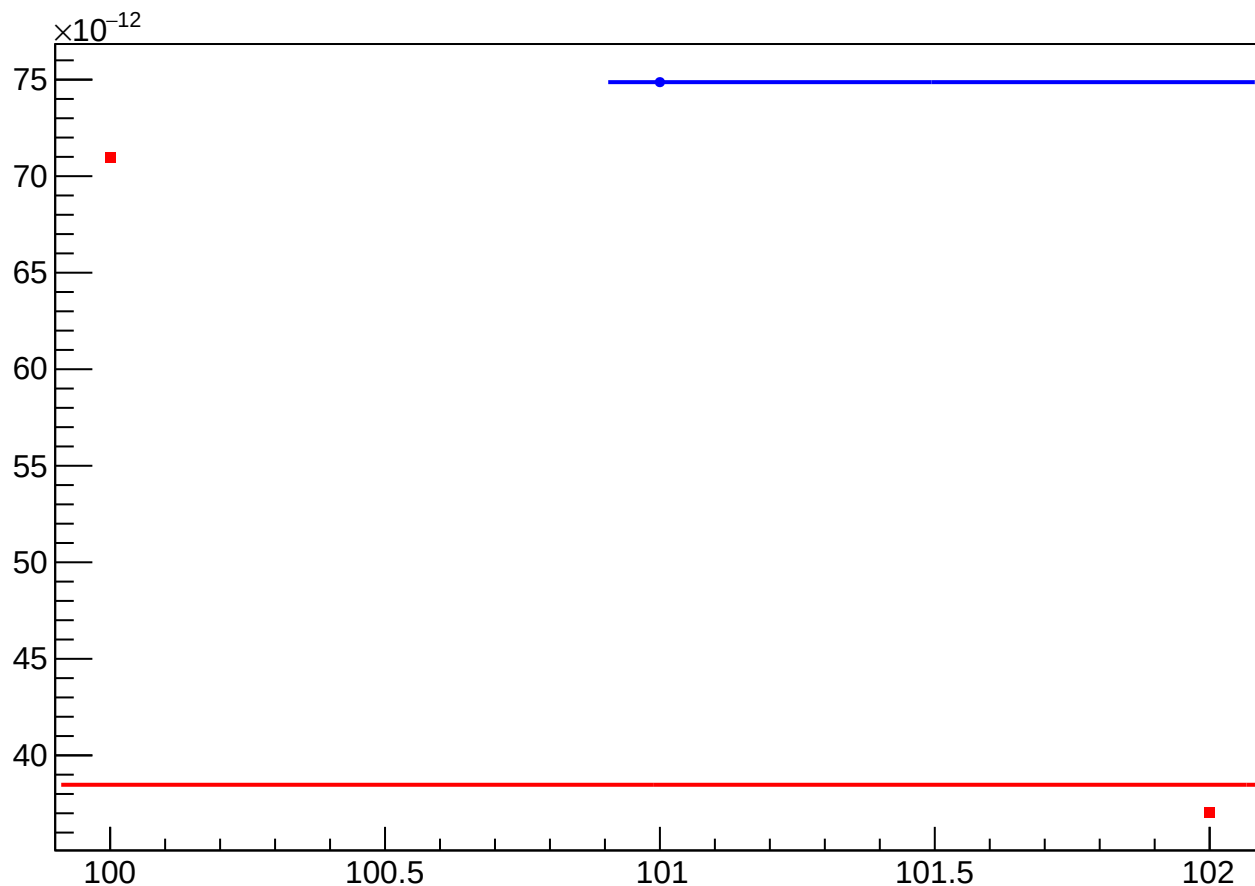
Right: 0.000+/-0.000 χ^2/NDF : 0.1/2

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 : 0.1/2

asym_atl_avg_eigen_cor_vs_cor_diff_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 : 28104.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

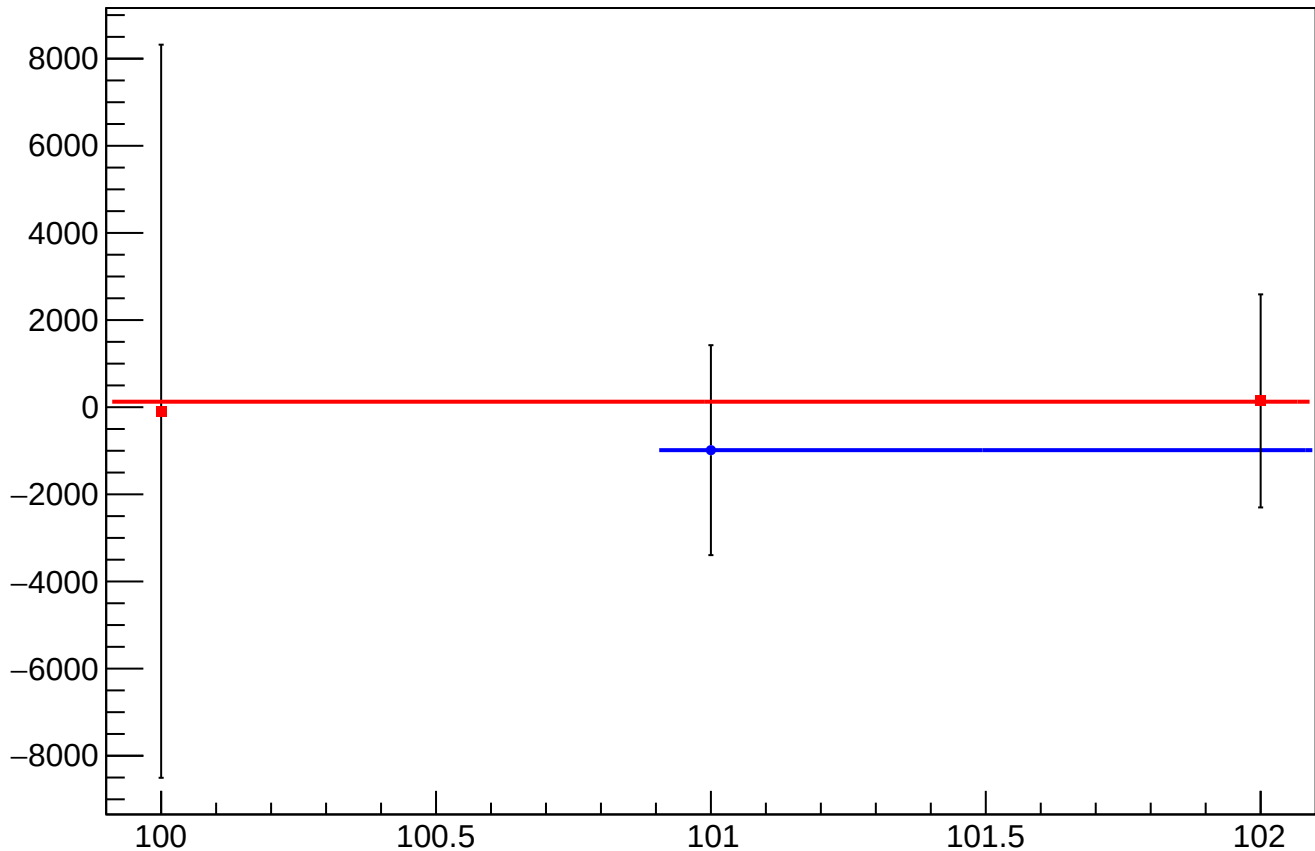
Right: 0.000+/-0.000 χ^2/NDF : 203519.6/2

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 : 203519.6/2

reg_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -985.826+/-2409.326 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.216+/-2348.033 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

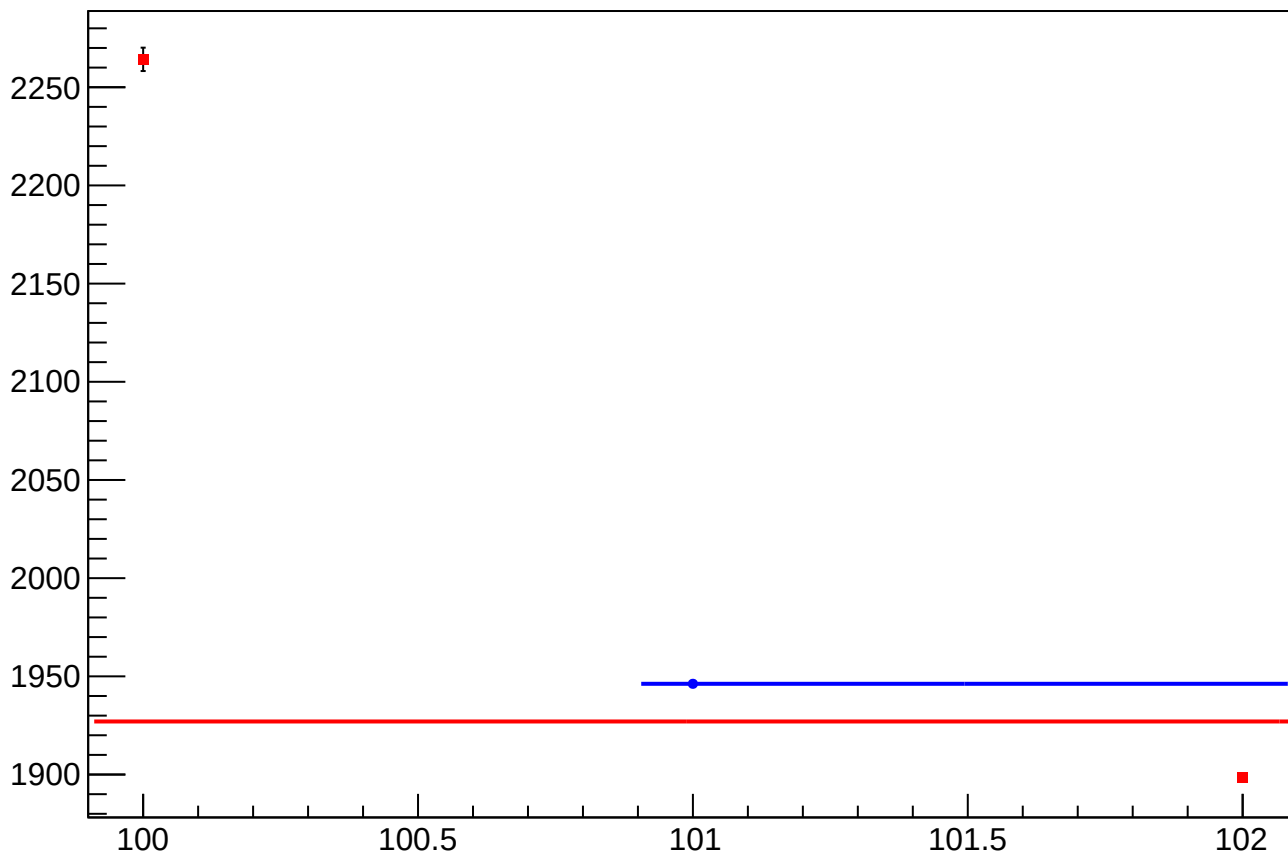
Right: -415.480+/-1681.562 χ^2/NDF : 0.1/2

In: -985.826+/-2409.326 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -415.480+/-1681.562 χ^2/NDF : 0.1/2

reg_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1946.206+/-1.704 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1927.019+/-1.660 χ^2/NDF : 3483.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

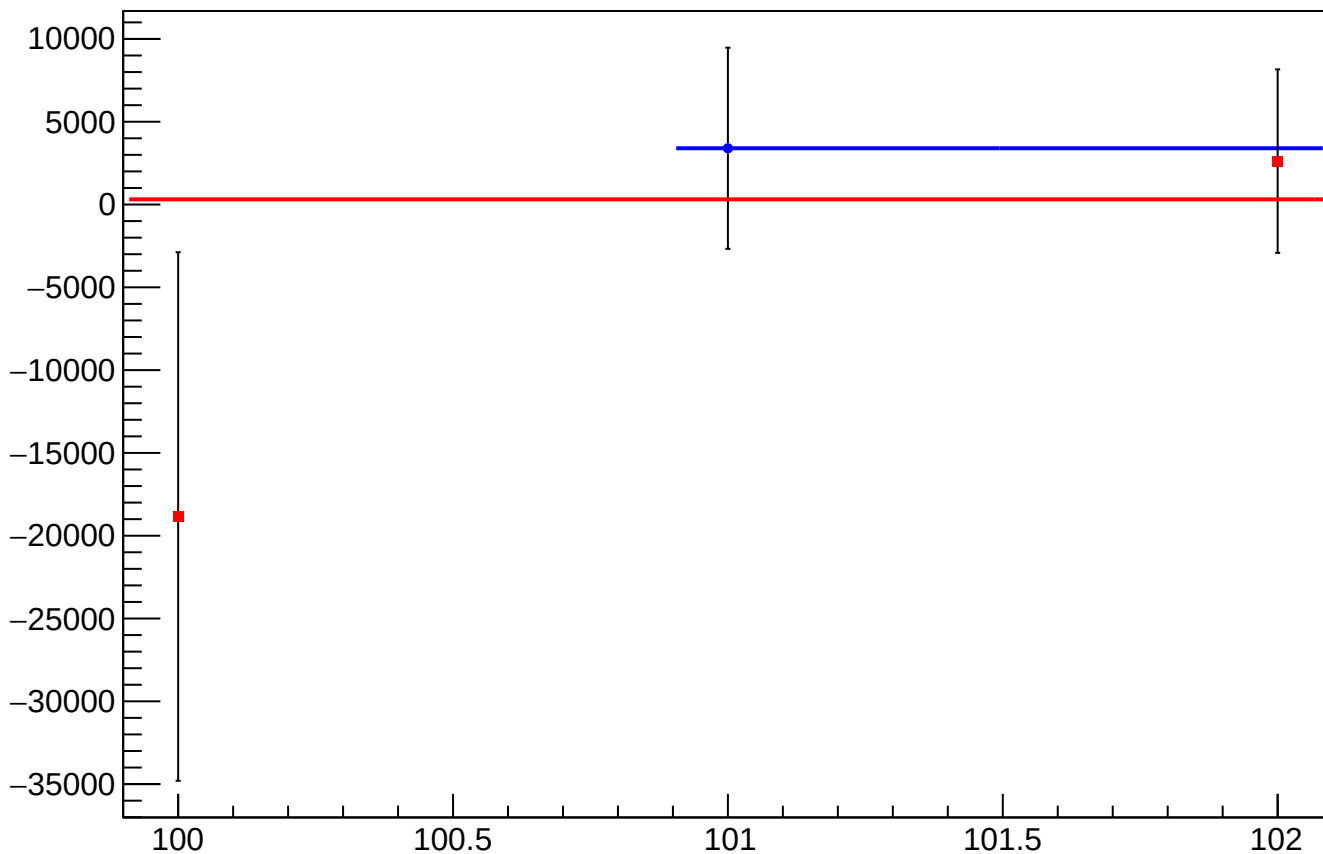
Right: 1936.366+/-1.189 χ^2/NDF : 3548.5/2

In: 1946.206+/-1.704 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1936.366+/-1.189 χ^2/NDF : 3548.5/2

asym_atl_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 3398.362+/-6074.433 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 313.509+/-5234.977 χ^2 /NDF: 1.6/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

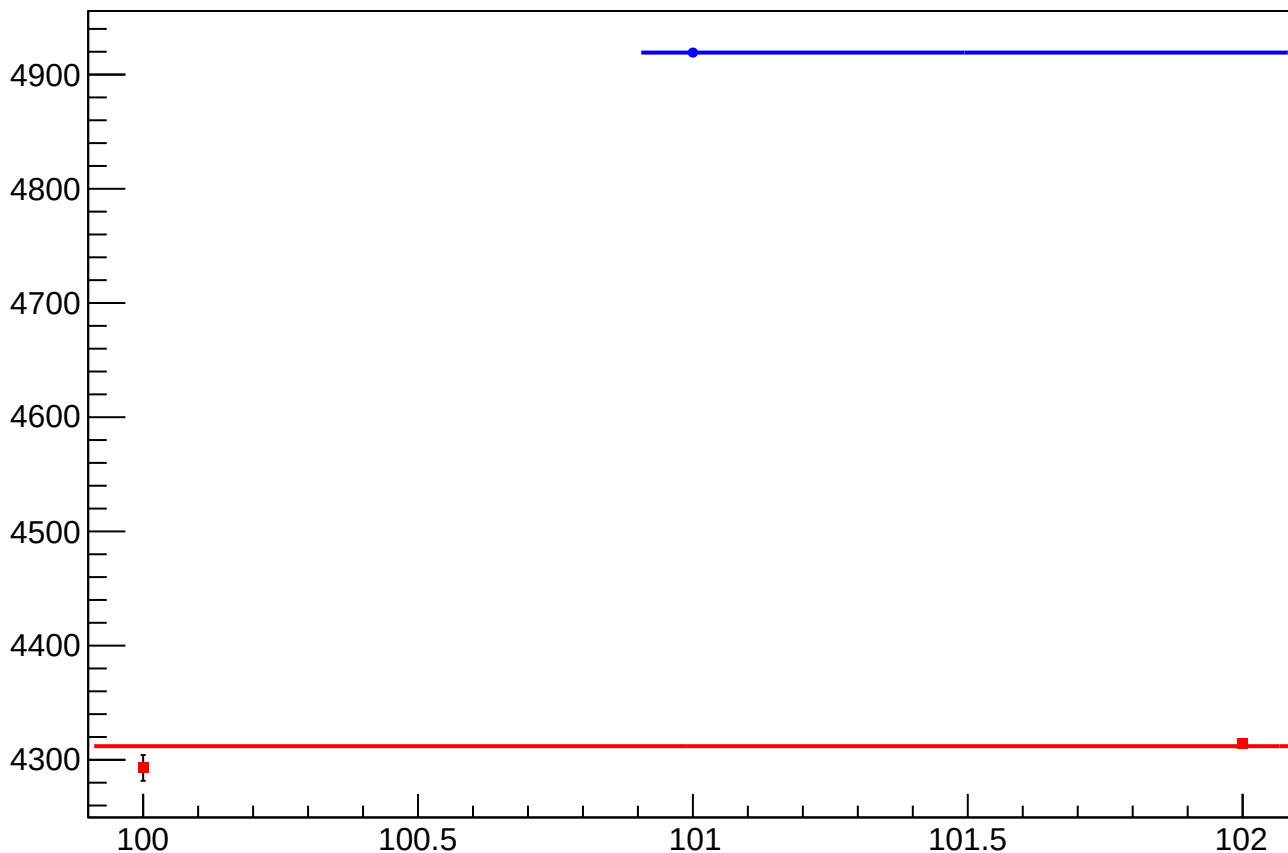
Right: 1628.213+/-3965.541 χ^2 /NDF: 1.8/2

In: 3398.362+/-6074.433 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1628.213+/-3965.541 χ^2 /NDF: 1.8/2

asym_atl_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 4919.271 $\pm$ 4.295 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4311.952 $\pm$ 3.702 χ^2 /NDF: 3.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

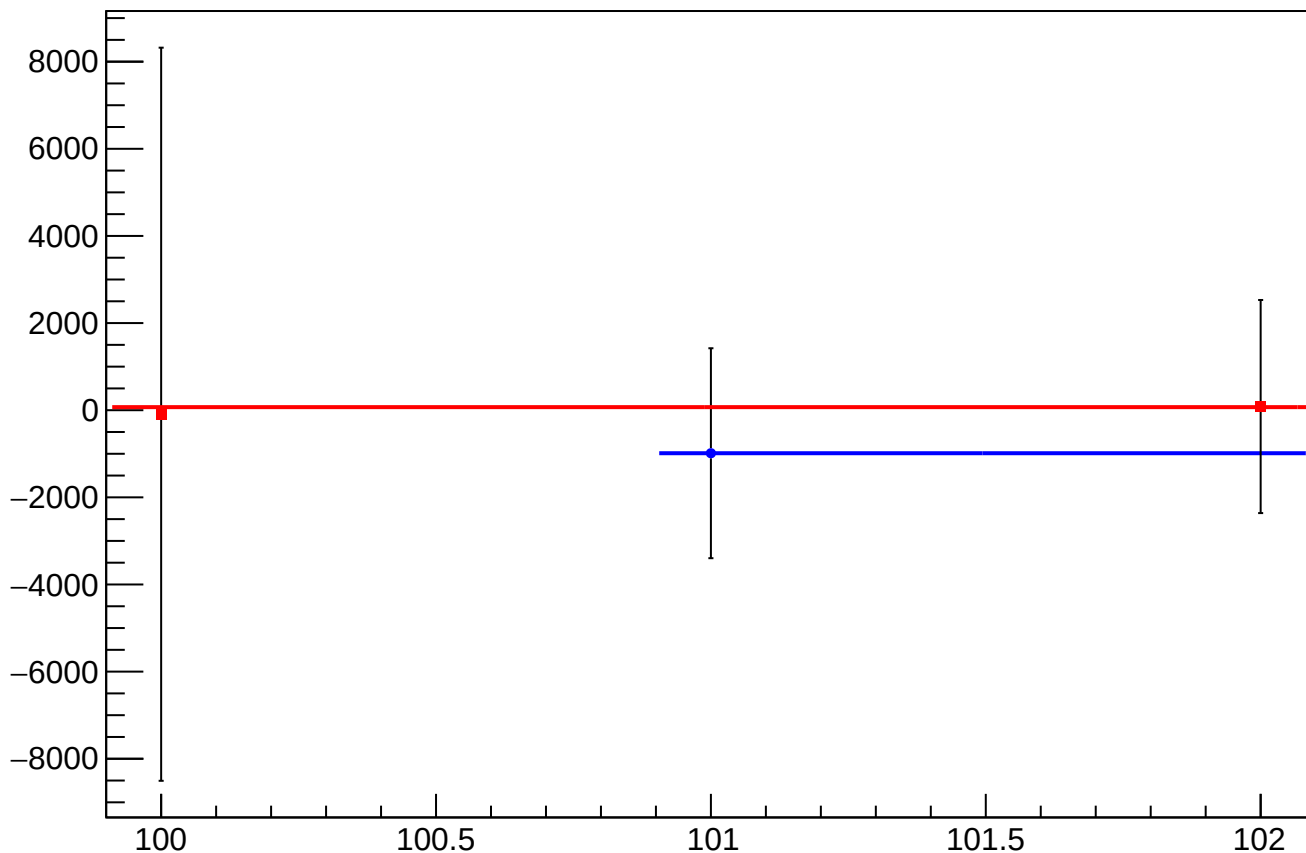
Right: 4570.780 $\pm$ 2.804 χ^2 /NDF: 11474.9/2

In: 4919.271 $\pm$ 4.295 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4570.780 $\pm$ 2.804 χ^2 /NDF: 11474.9/2

cor_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -987.253+/-2409.328 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.479+/-2348.344 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

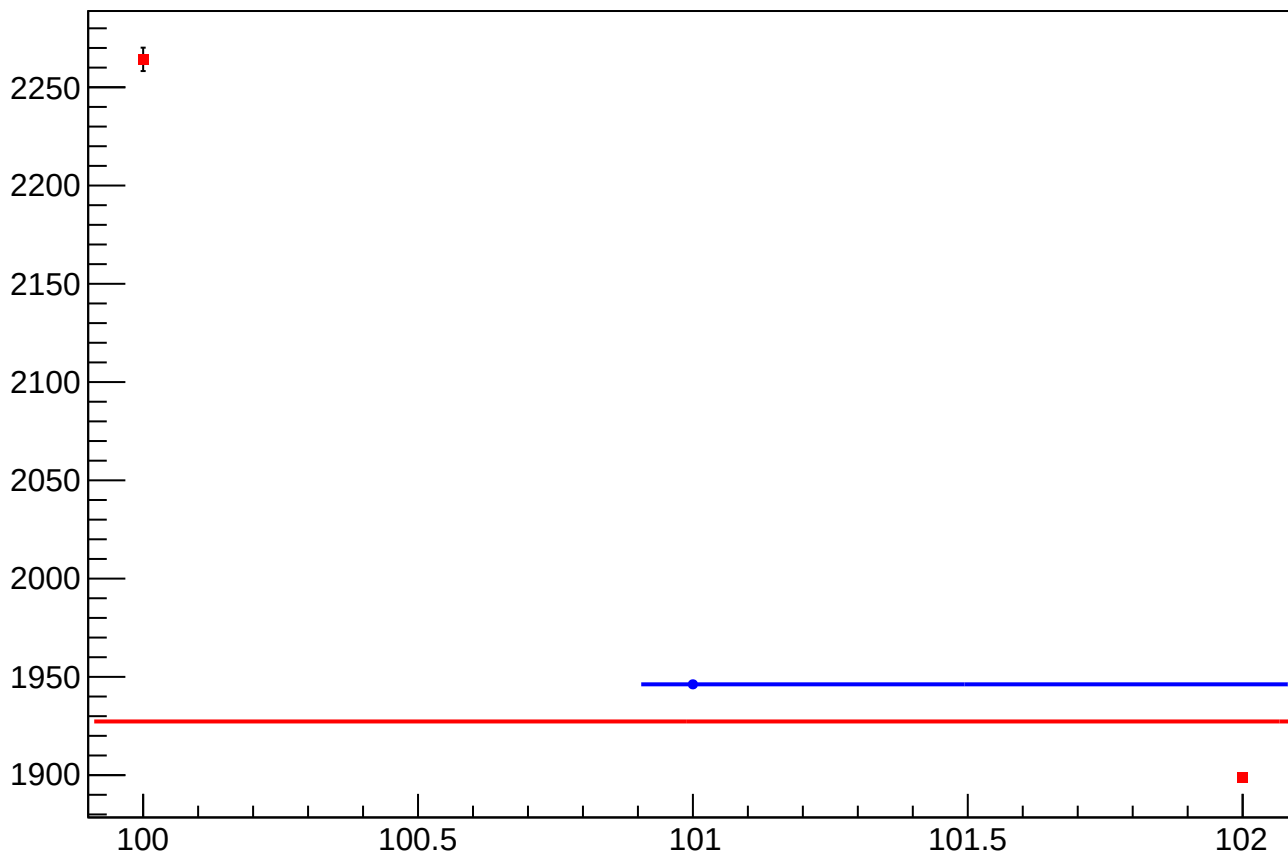
Right: -444.831+/-1681.677 χ^2/NDF : 0.1/2

In: -987.253+/-2409.328 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -444.831+/-1681.677 χ^2/NDF : 0.1/2

cor_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1946.206 $\pm$ 1.704 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1927.312 $\pm$ 1.661 χ^2/NDF : 3477.4/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

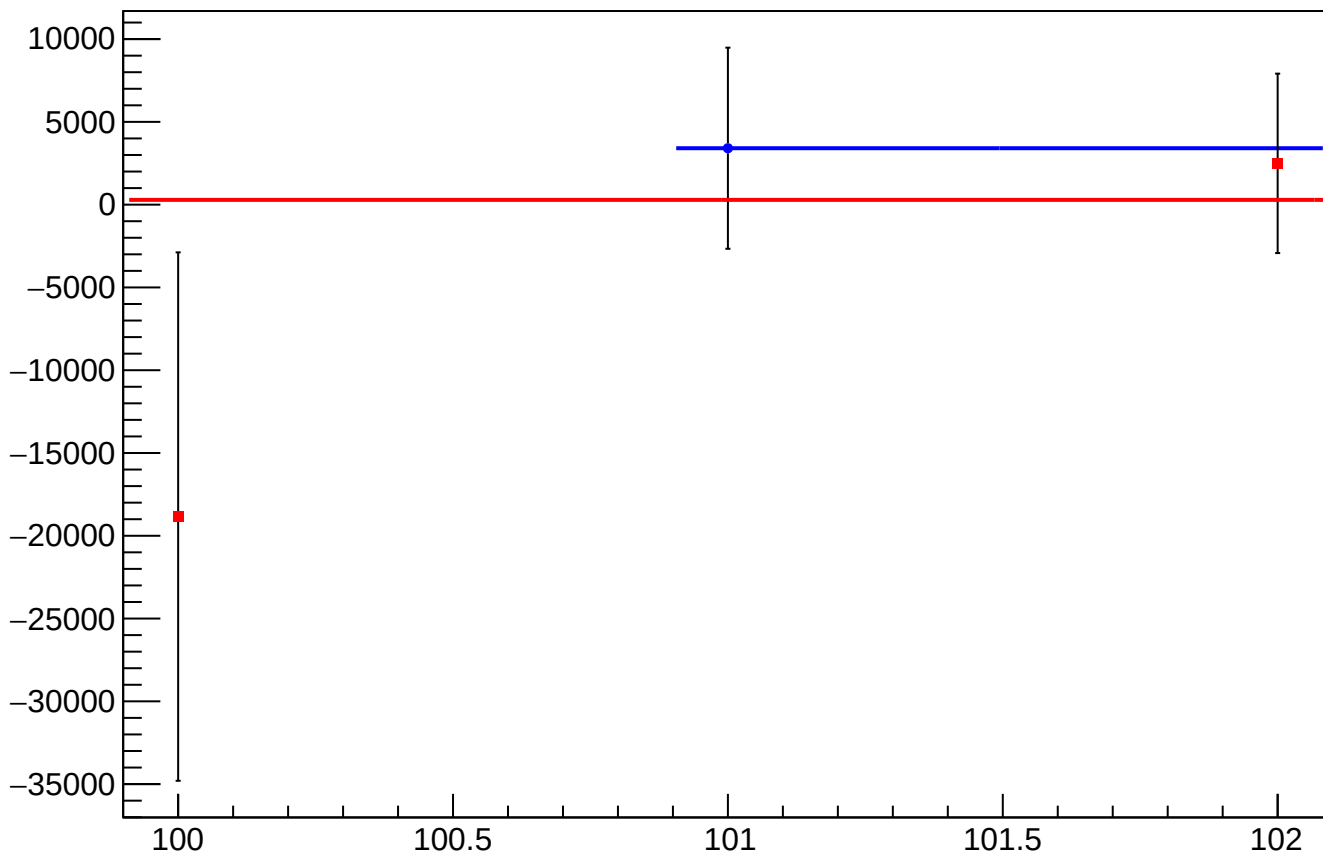
Right: 1936.517 $\pm$ 1.189 χ^2/NDF : 3540.5/2

In: 1946.206 $\pm$ 1.704 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1936.517 $\pm$ 1.189 χ^2/NDF : 3540.5/2

asym_atl_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 3408.867+/-6073.261 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 288.779+/-5131.168 χ^2/NDF : 1.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

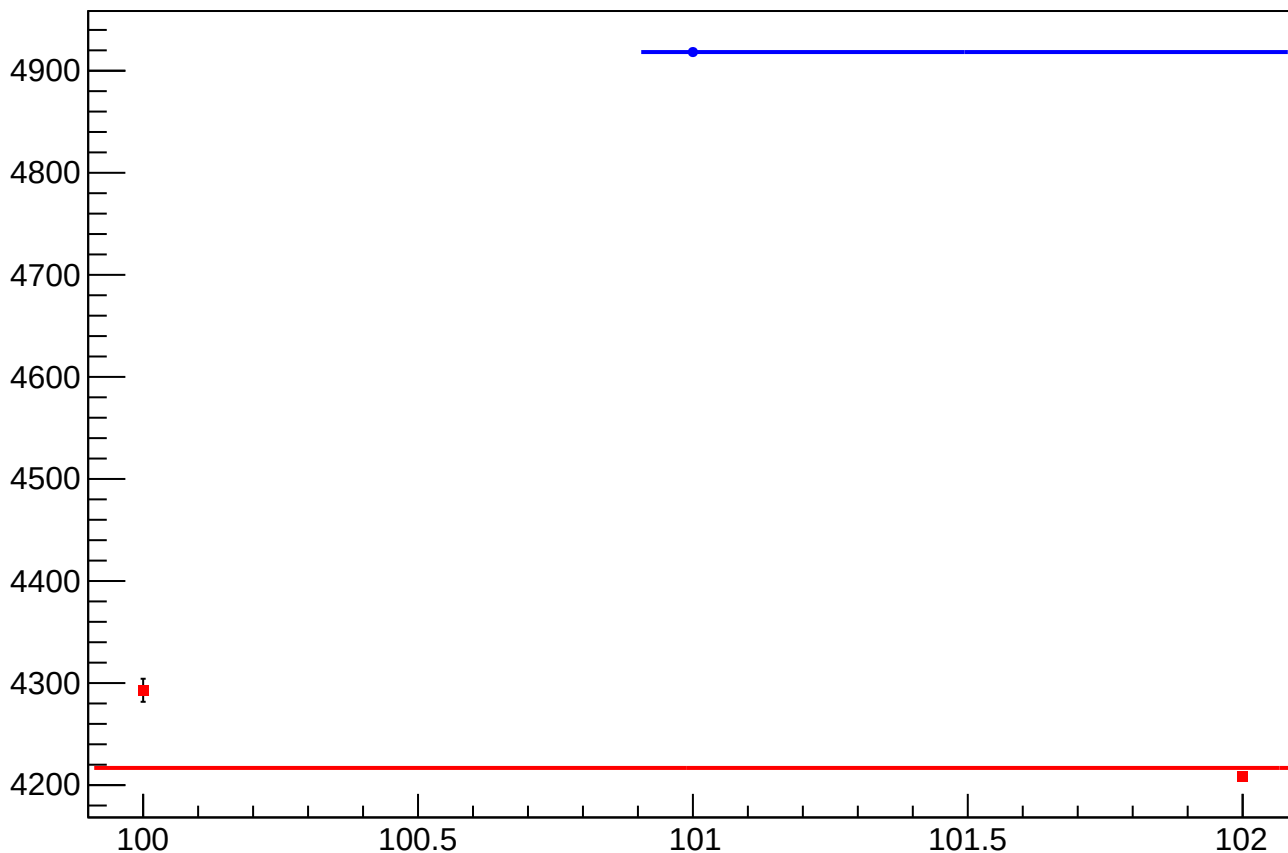
Right: 1588.321+/-3919.527 χ^2/NDF : 1.8/2

In: 3408.867+/-6073.261 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1588.321+/-3919.527 χ^2/NDF : 1.8/2

asym_atl_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 4918.319 +/- 4.294 χ^2 /NDF: 0.0/0

Left Out: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0

Right Out: 4216.835 +/- 3.628 χ^2 /NDF: 50.7/1

Left In: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0

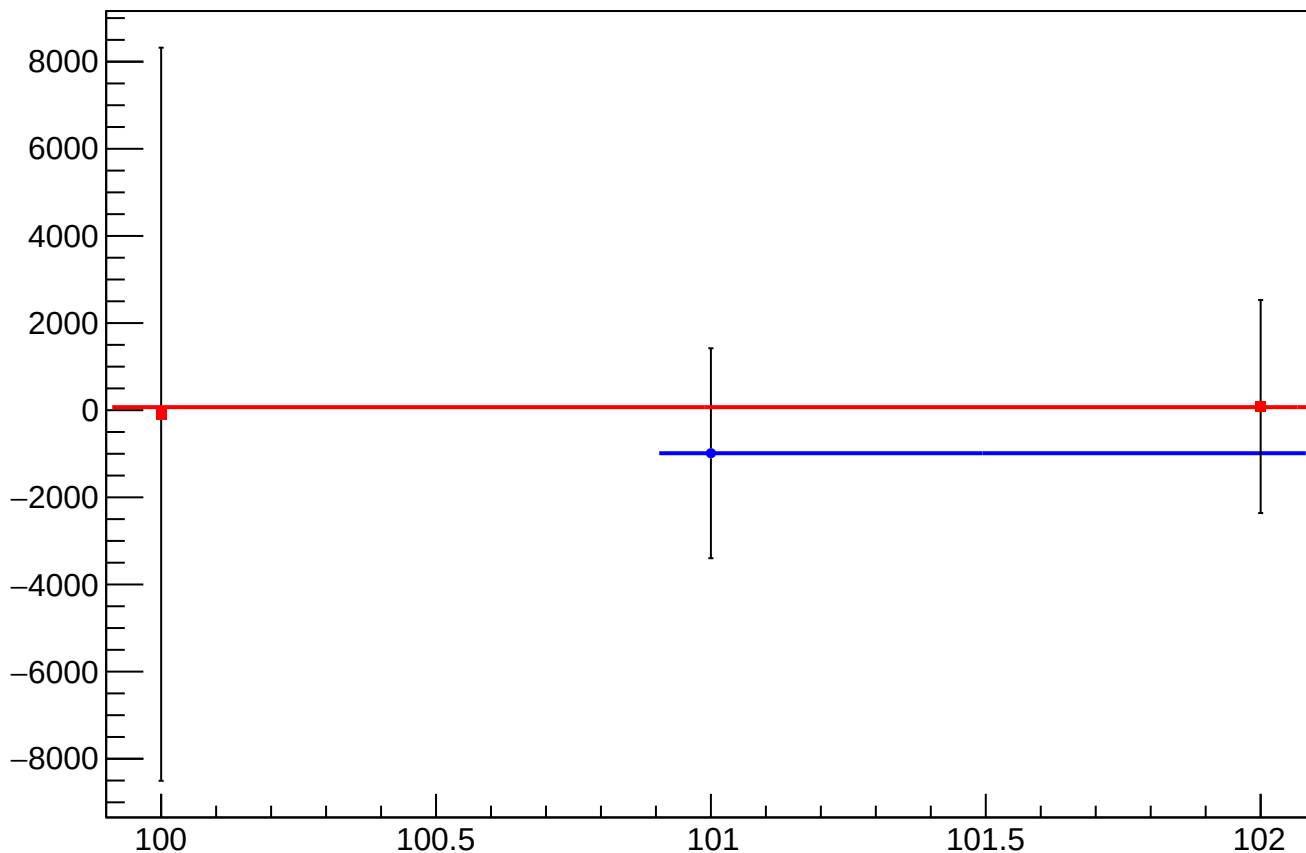
Right: 4509.009 +/- 2.772 χ^2 /NDF: 15619.5/2

In: 4918.319 +/- 4.294 χ^2 /NDF: 0.0/0

Out: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0

All: 4509.009 +/- 2.772 χ^2 /NDF: 15619.5/2

eigen_cor_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -987.253+/-2409.328 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.479+/-2348.344 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

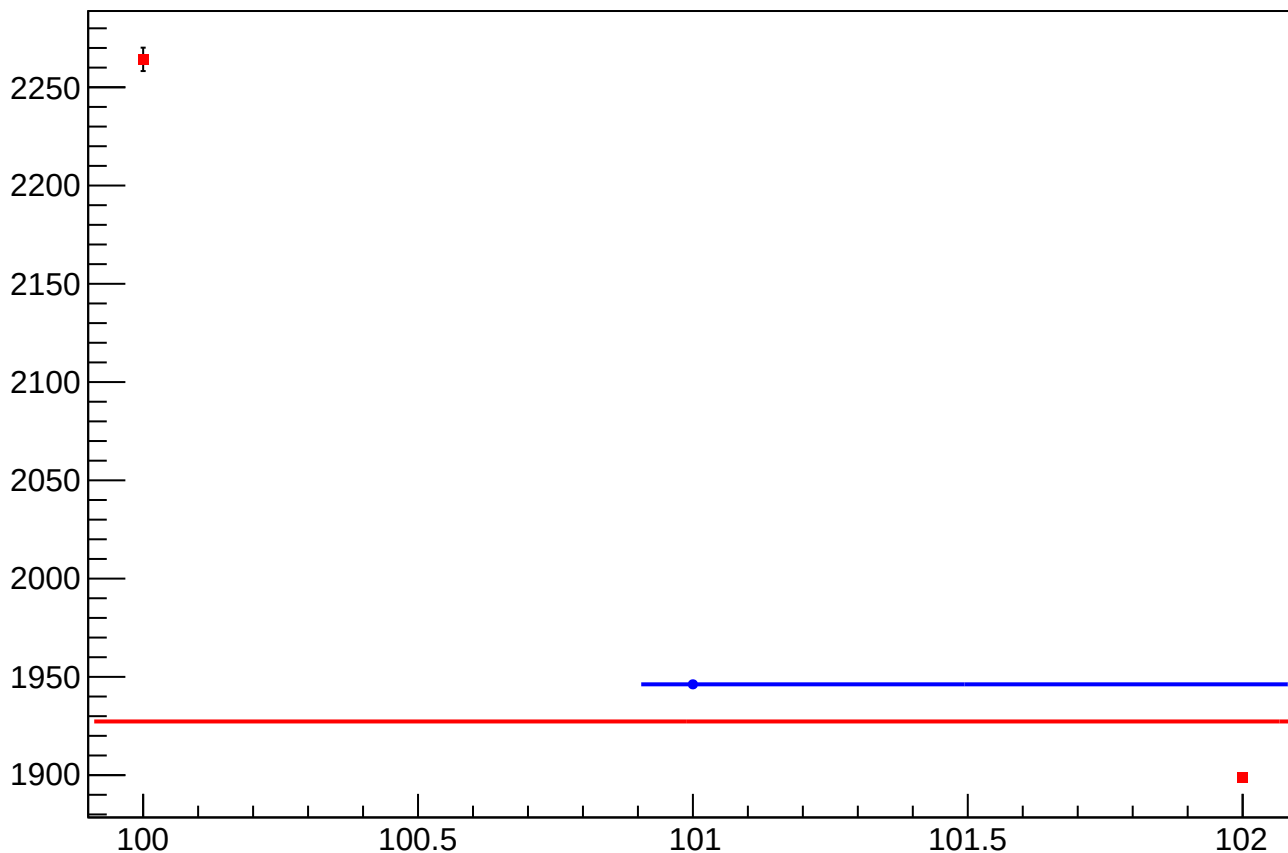
Right: -444.831+/-1681.677 χ^2/NDF : 0.1/2

In: -987.253+/-2409.328 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -444.831+/-1681.677 χ^2/NDF : 0.1/2

eigen_cor_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1946.206 $\pm$ 1.704 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1927.312 $\pm$ 1.661 χ^2/NDF : 3477.4/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

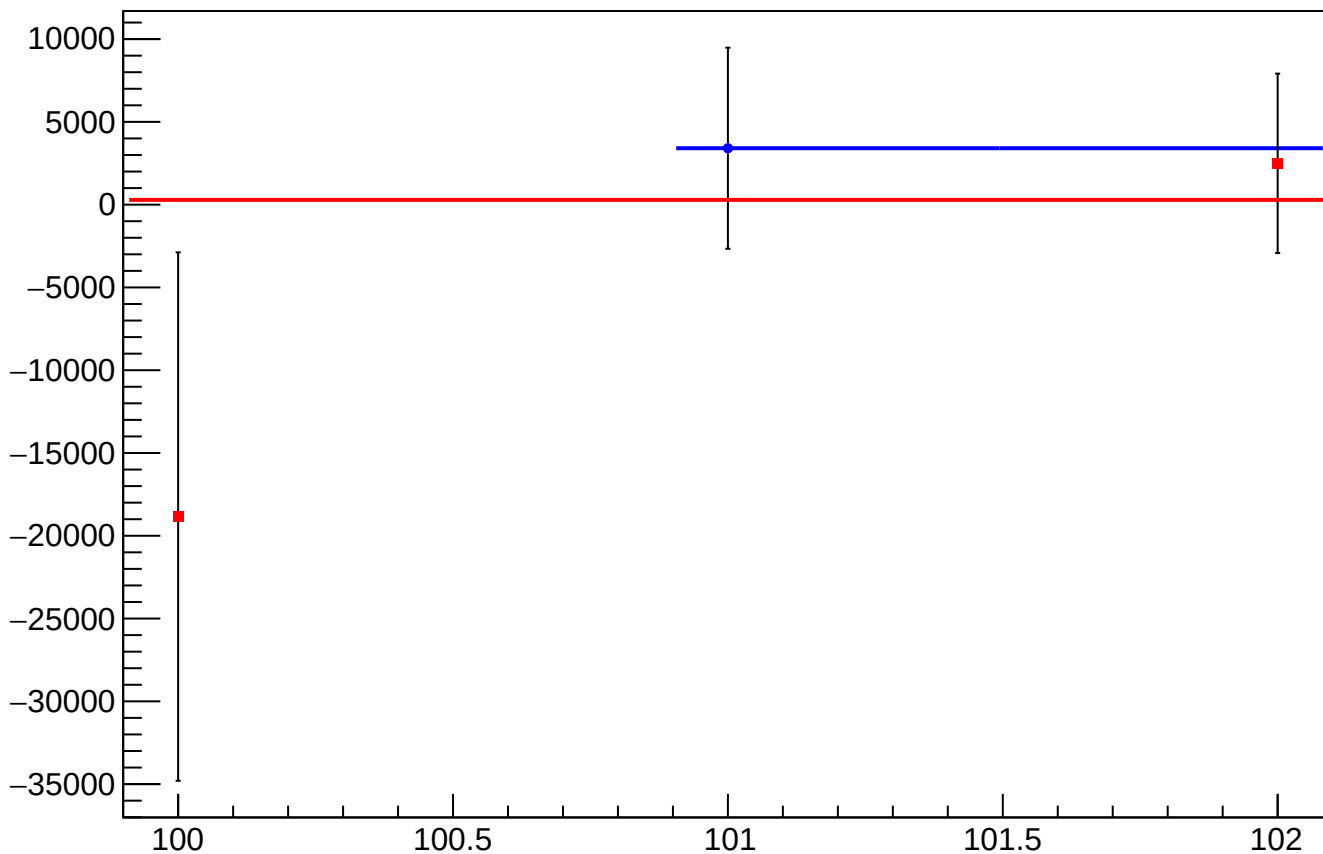
Right: 1936.517 $\pm$ 1.189 χ^2/NDF : 3540.5/2

In: 1946.206 $\pm$ 1.704 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1936.517 $\pm$ 1.189 χ^2/NDF : 3540.5/2

asym_atl_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 3408.867+/-6073.261 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 288.779+/-5131.168 χ^2/NDF : 1.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

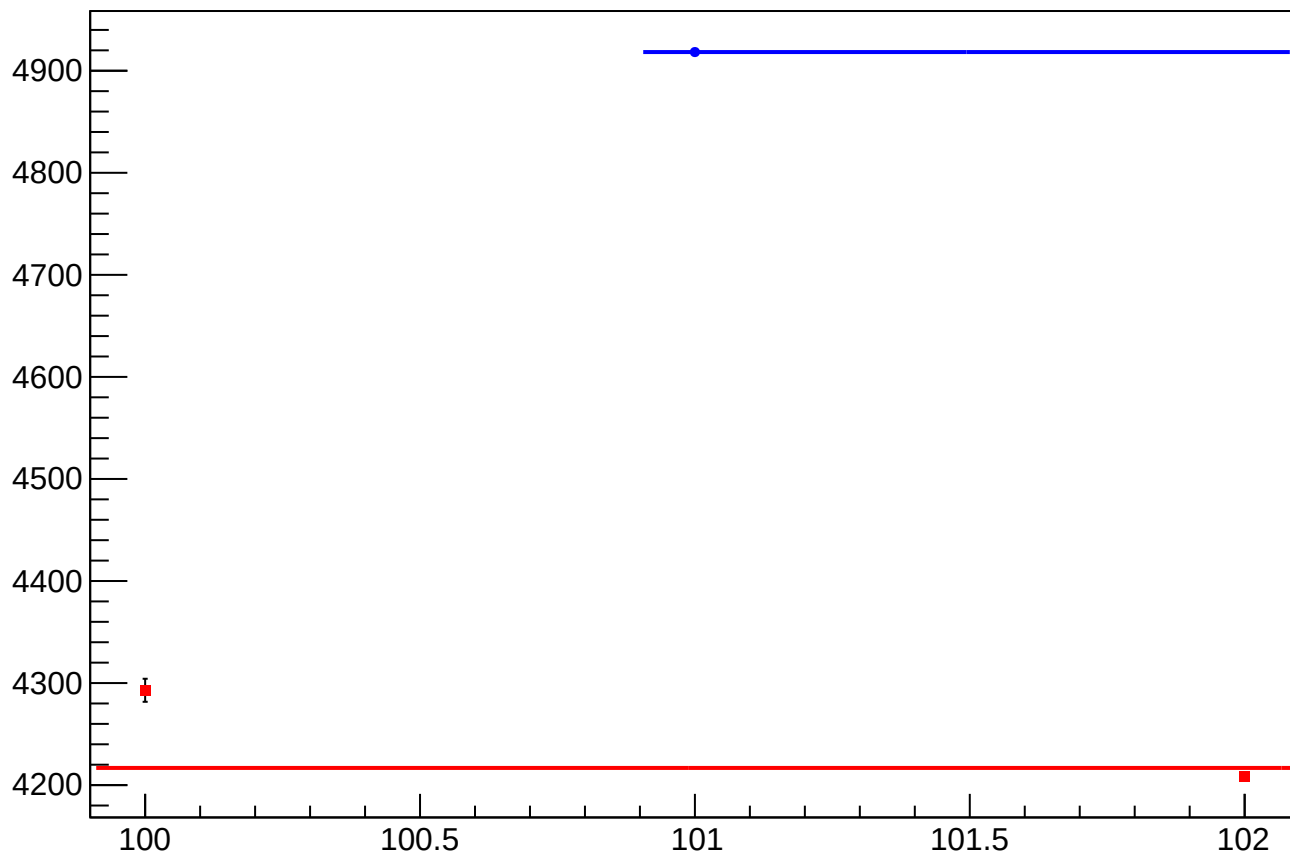
Right: 1588.321+/-3919.527 χ^2/NDF : 1.8/2

In: 3408.867+/-6073.261 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1588.321+/-3919.527 χ^2/NDF : 1.8/2

asym_atl_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4918.319+/-4.294 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4216.835+/-3.628 χ^2/NDF : 50.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

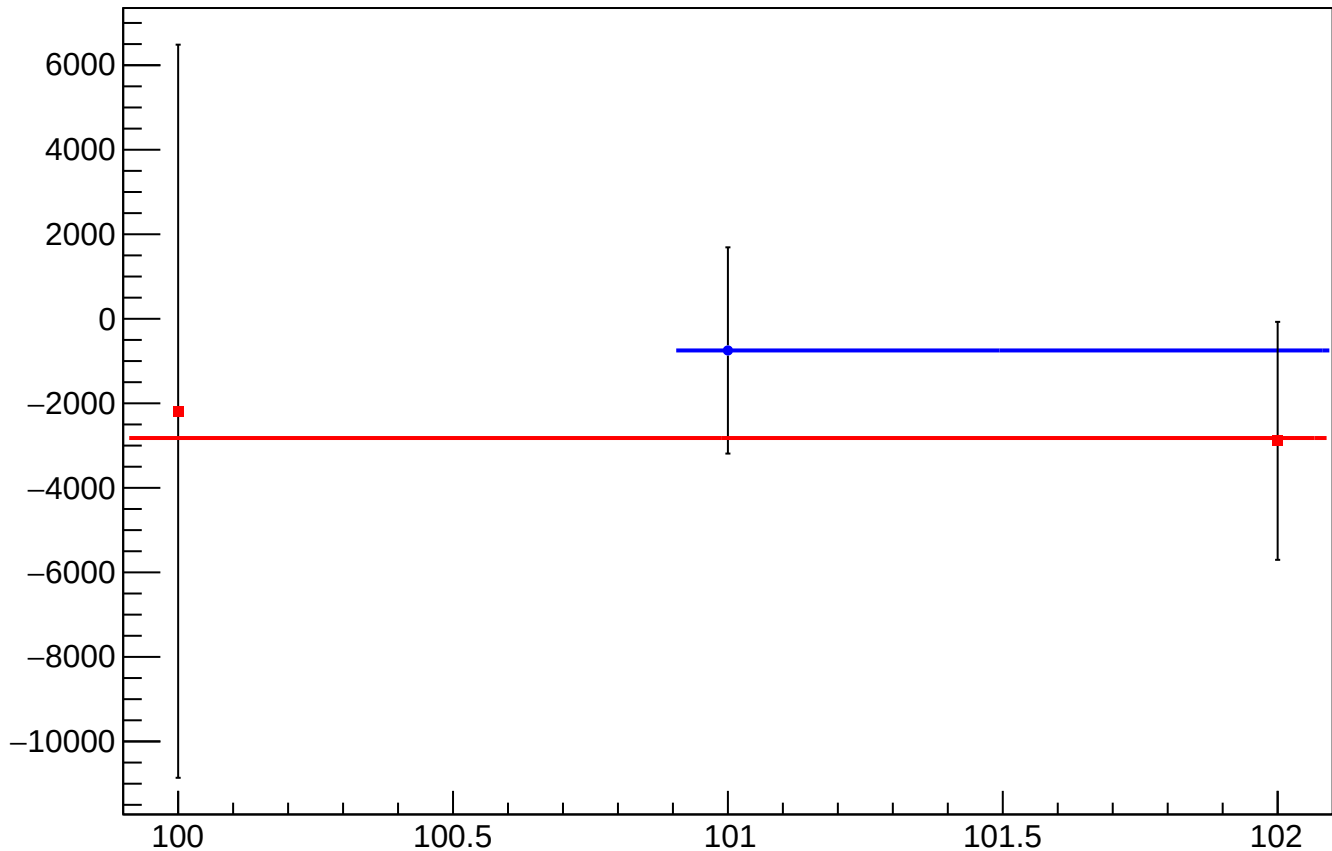
Right: 4509.009+/-2.772 χ^2/NDF : 15619.5/2

In: 4918.319+/-4.294 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4509.009+/-2.772 χ^2/NDF : 15619.5/2

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -748.953+/-2439.928 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2820.959+/-2677.800 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

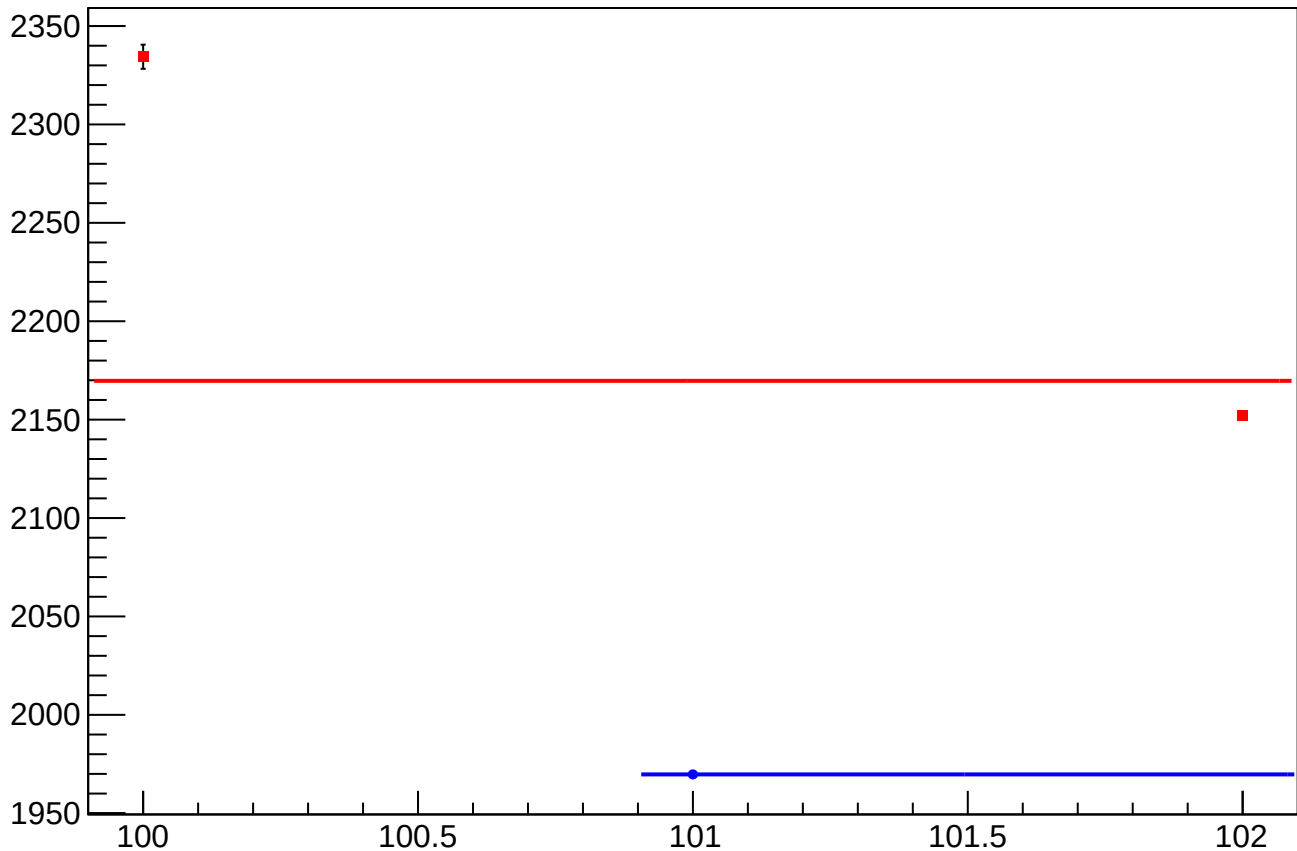
Right: -1688.857+/-1803.534 χ^2/NDF : 0.3/2

In: -748.953+/-2439.928 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1688.857+/-1803.534 χ^2/NDF : 0.3/2

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1969.739+/-1.725 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2169.711+/-1.893 χ^2/NDF : 797.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

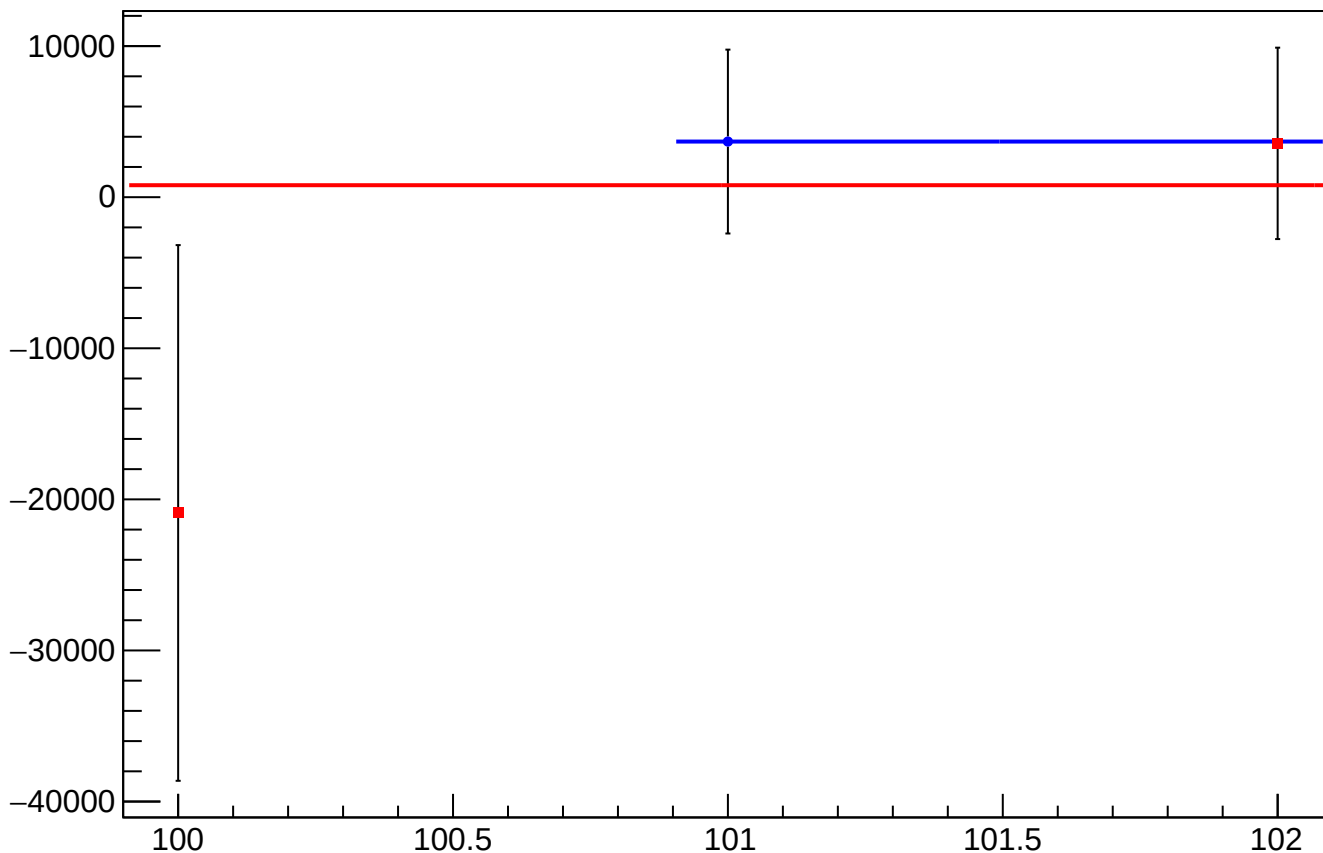
Right: 2060.451+/-1.275 χ^2/NDF : 6891.1/2

In: 1969.739+/-1.725 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2060.451+/-1.275 χ^2/NDF : 6891.1/2

asym_atl_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 3681.895+/-6084.316 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 793.123+/-5964.590 χ^2 /NDF: 1.7/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

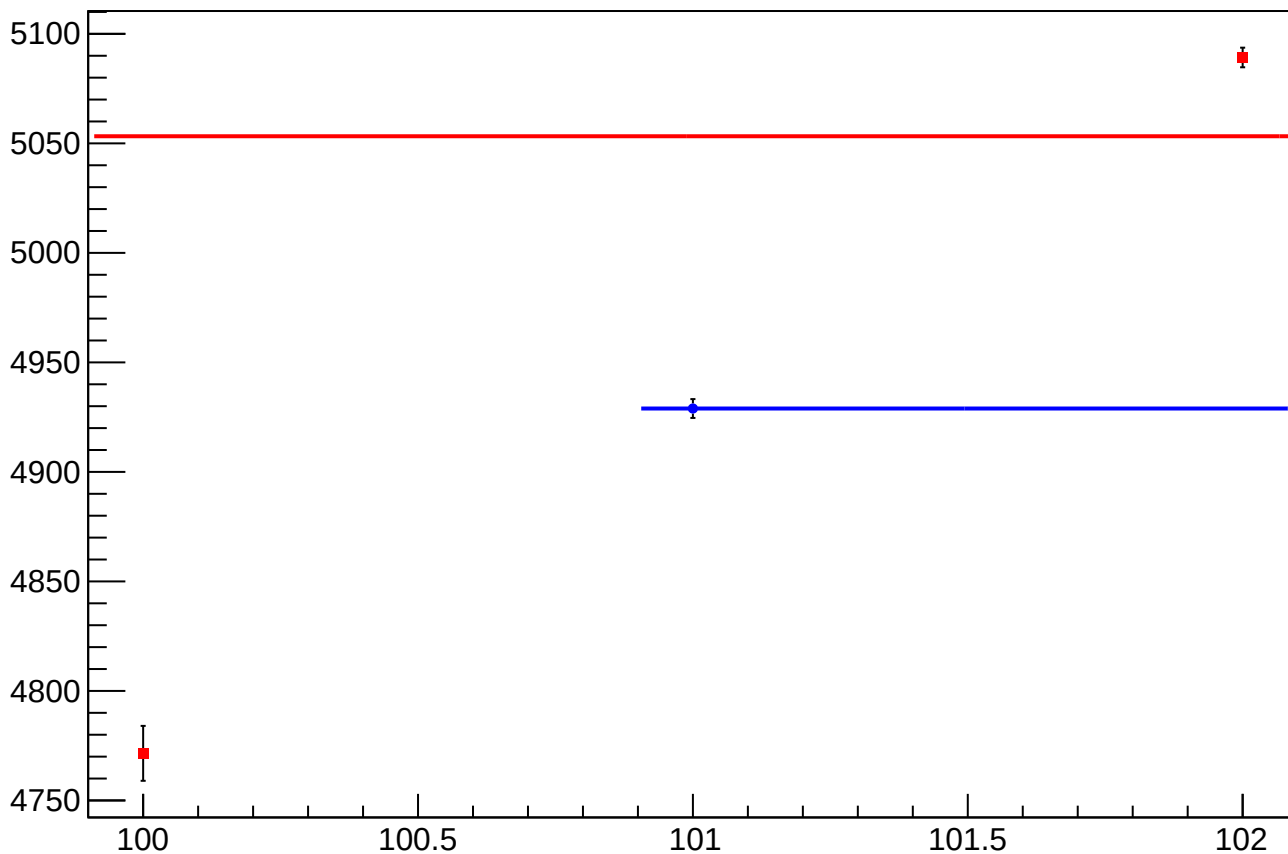
Right: 2208.807+/-4259.301 χ^2 /NDF: 1.8/2

In: 3681.895+/-6084.316 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2208.807+/-4259.301 χ^2 /NDF: 1.8/2

asym_atl_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 4928.940 $\pm$ 4.302 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5053.247 $\pm$ 4.218 χ^2 /NDF: 569.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

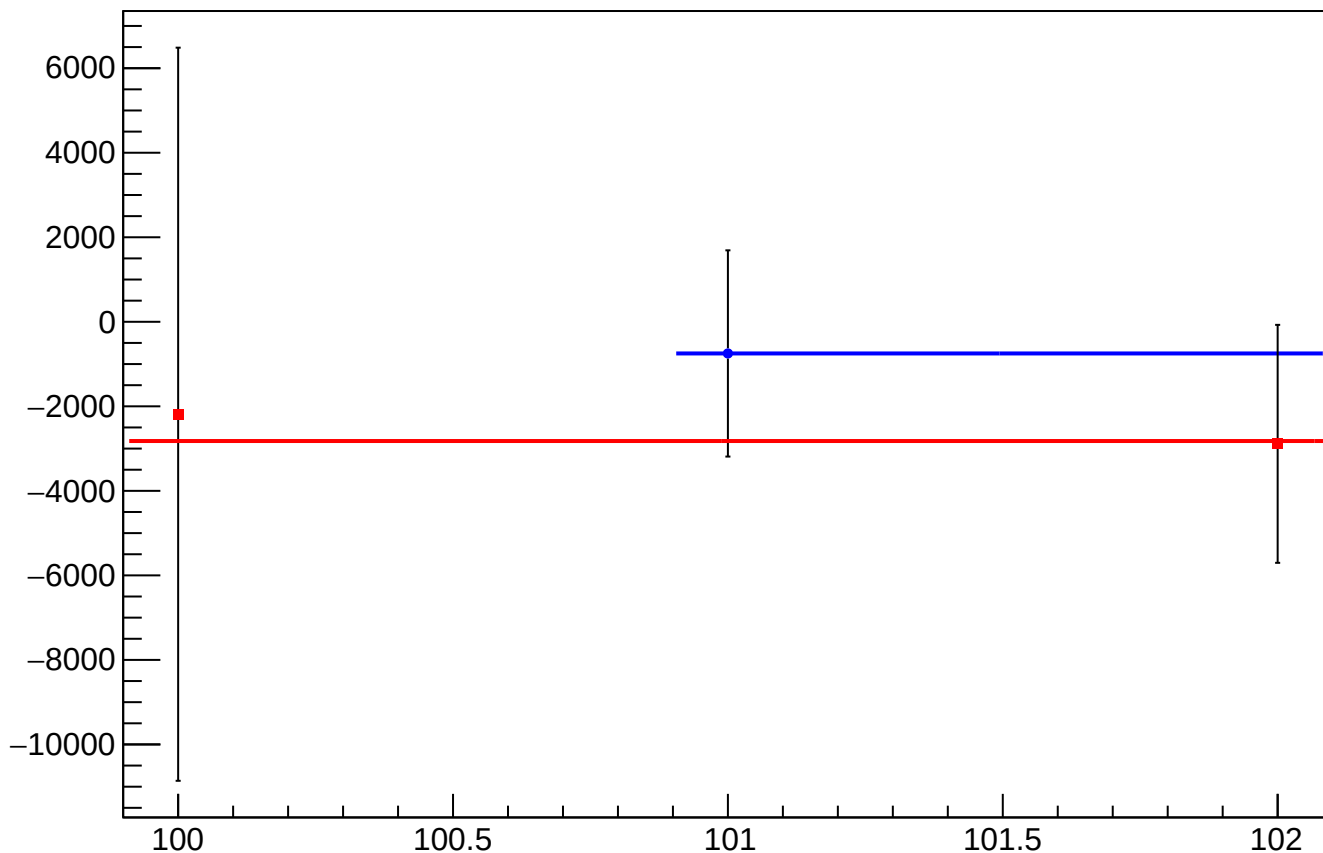
Right: 4992.329 $\pm$ 3.012 χ^2 /NDF: 995.3/2

In: 4928.940 $\pm$ 4.302 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4992.329 $\pm$ 3.012 χ^2 /NDF: 995.3/2

eigen_dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -748.954+/-2439.927 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2820.977+/-2677.795 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

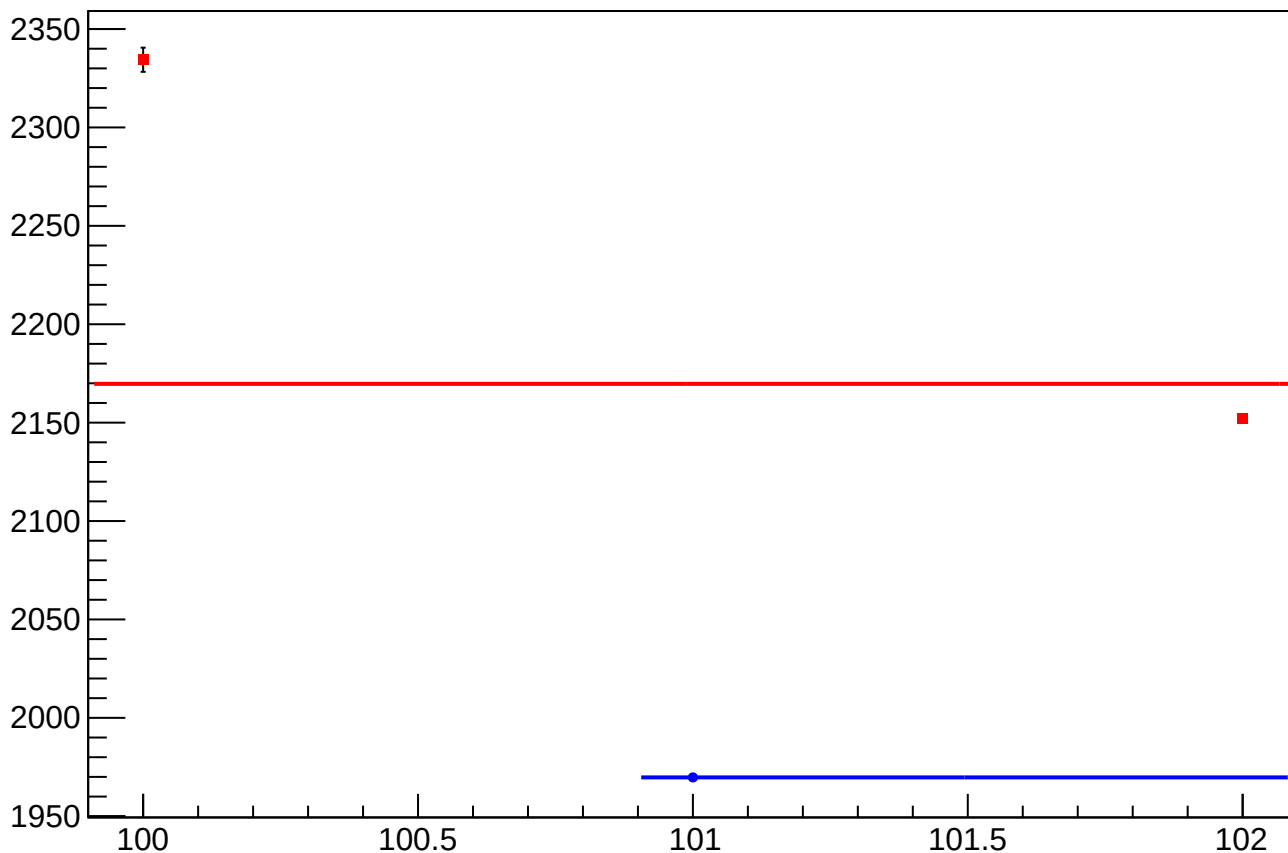
Right: -1688.867+/-1803.532 χ^2/NDF : 0.3/2

In: -748.954+/-2439.927 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1688.867+/-1803.532 χ^2/NDF : 0.3/2

eigen_dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1969.739+/-1.725 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2169.707+/-1.893 χ^2/NDF : 797.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

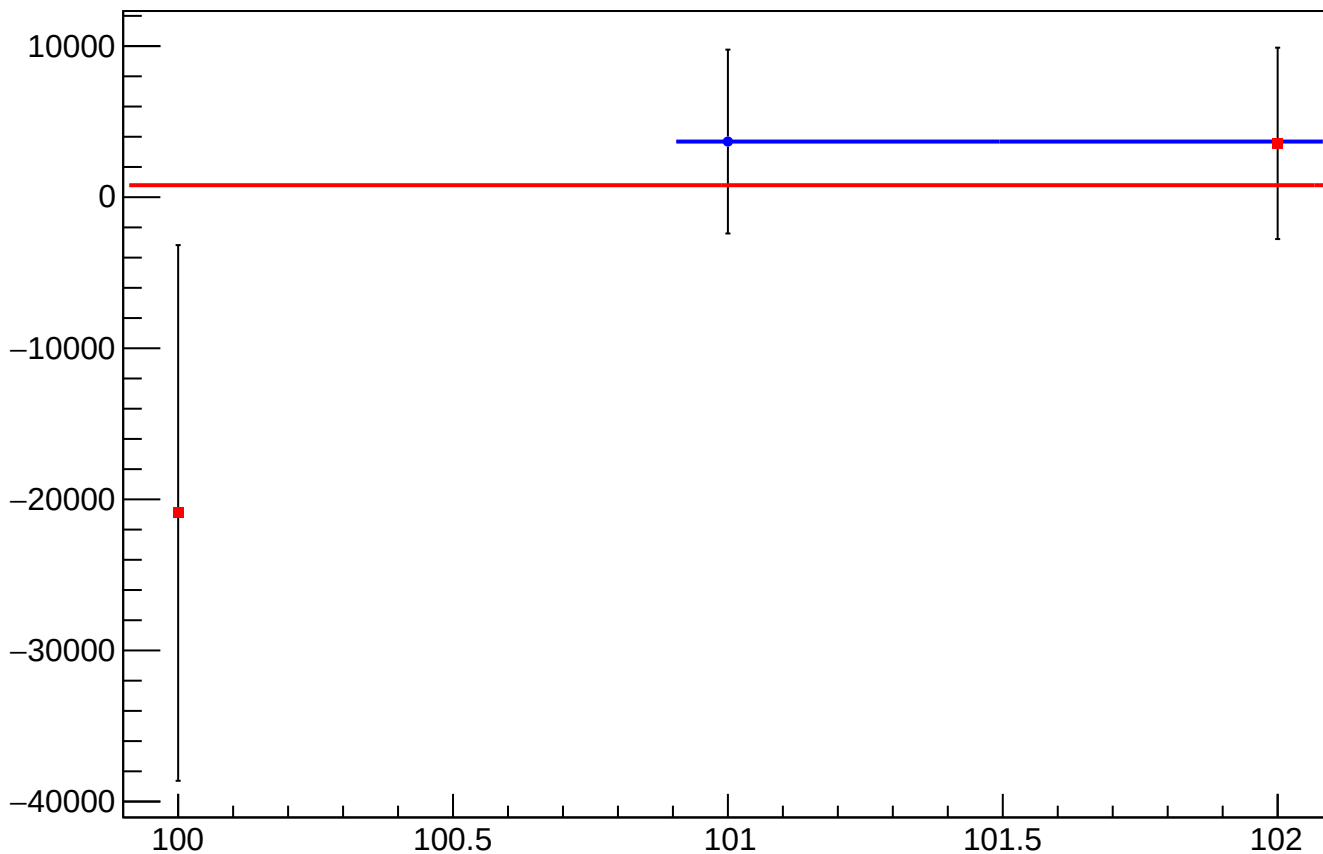
Right: 2060.449+/-1.275 χ^2/NDF : 6890.9/2

In: 1969.739+/-1.725 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2060.449+/-1.275 χ^2/NDF : 6890.9/2

asym_atl_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 3681.891+/-6084.308 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 793.121+/-5964.596 χ^2/NDF : 1.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

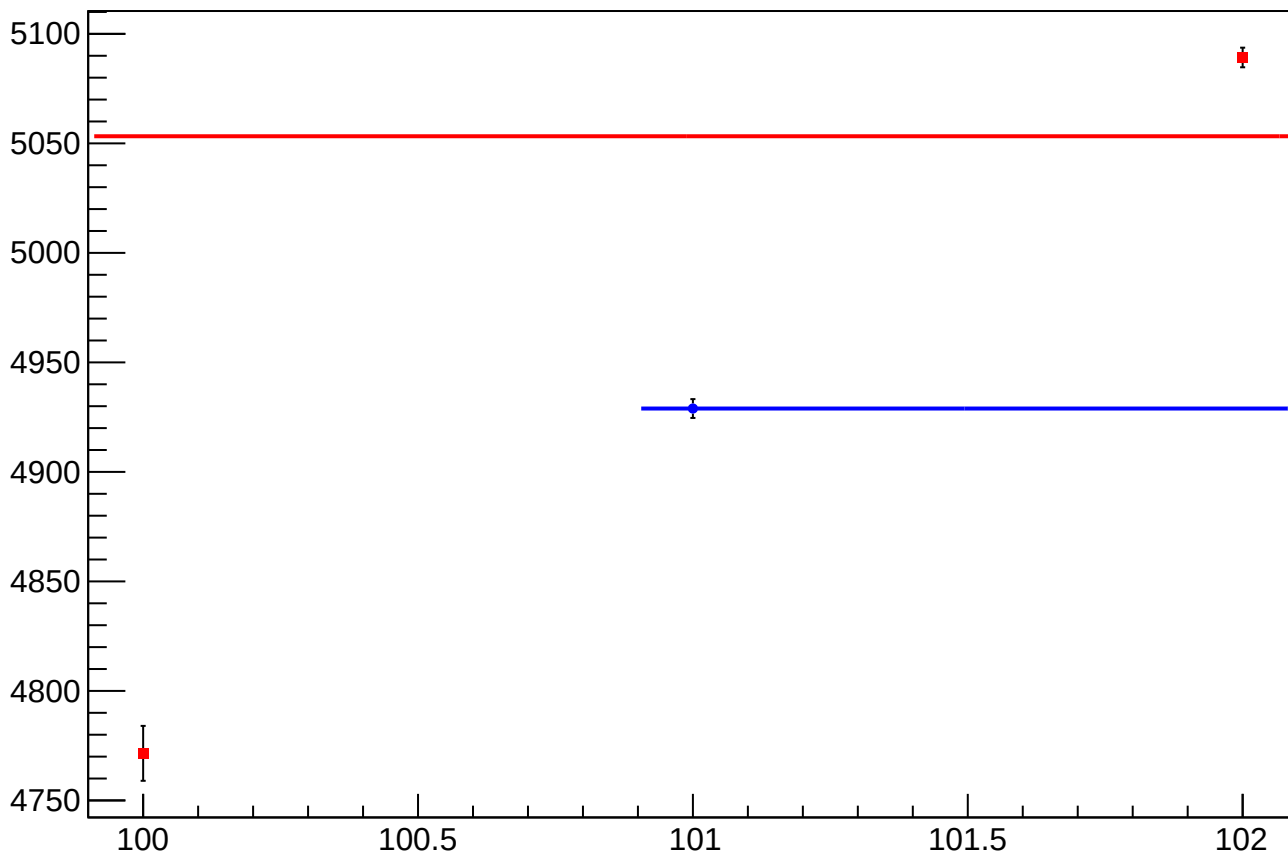
Right: 2208.807+/-4259.300 χ^2/NDF : 1.8/2

In: 3681.891+/-6084.308 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2208.807+/-4259.300 χ^2/NDF : 1.8/2

asym_atl_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4928.933+/-4.302 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5053.252+/-4.218 χ^2/NDF : 569.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

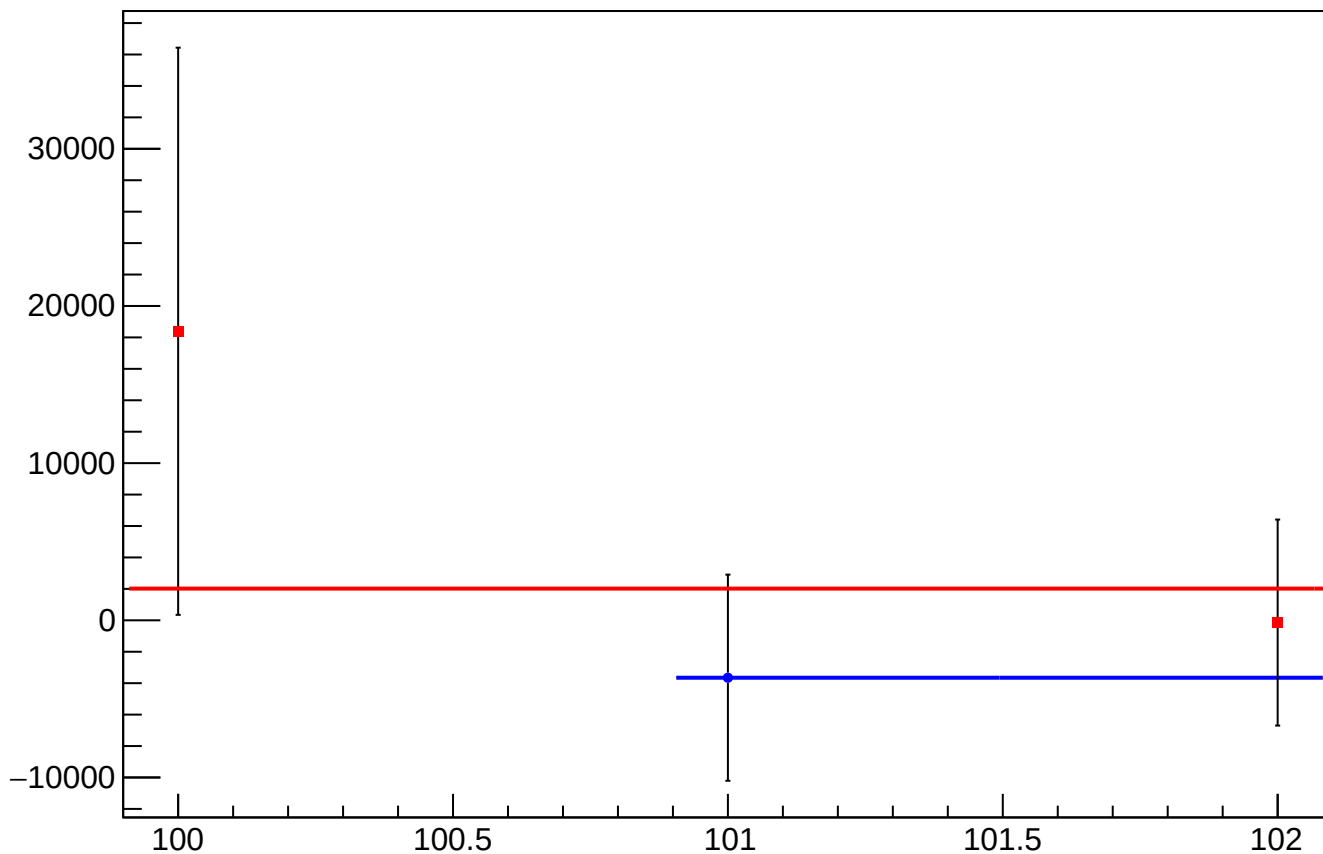
Right: 4992.328+/-3.012 χ^2/NDF : 995.5/2

In: 4928.933+/-4.302 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4992.328+/-3.012 χ^2/NDF : 995.5/2

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -3652.943+/-6558.317 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2017.183+/-6160.405 χ^2/NDF : 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

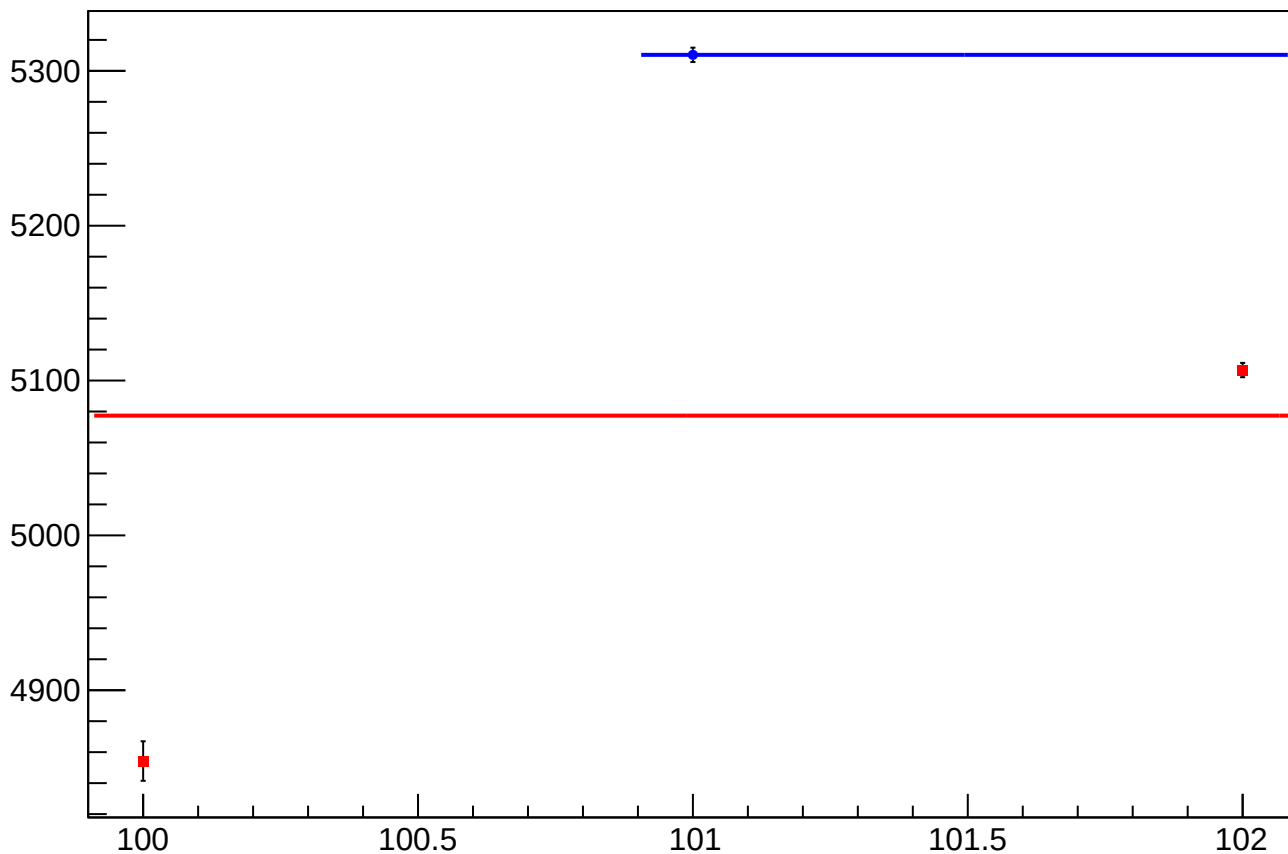
Right: -640.661+/-4490.149 χ^2/NDF : 1.3/2

In: -3652.943+/-6558.317 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -640.661+/-4490.149 χ^2/NDF : 1.3/2

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 5310.344+/-4.637 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5077.337+/-4.356 χ^2/NDF : 346.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

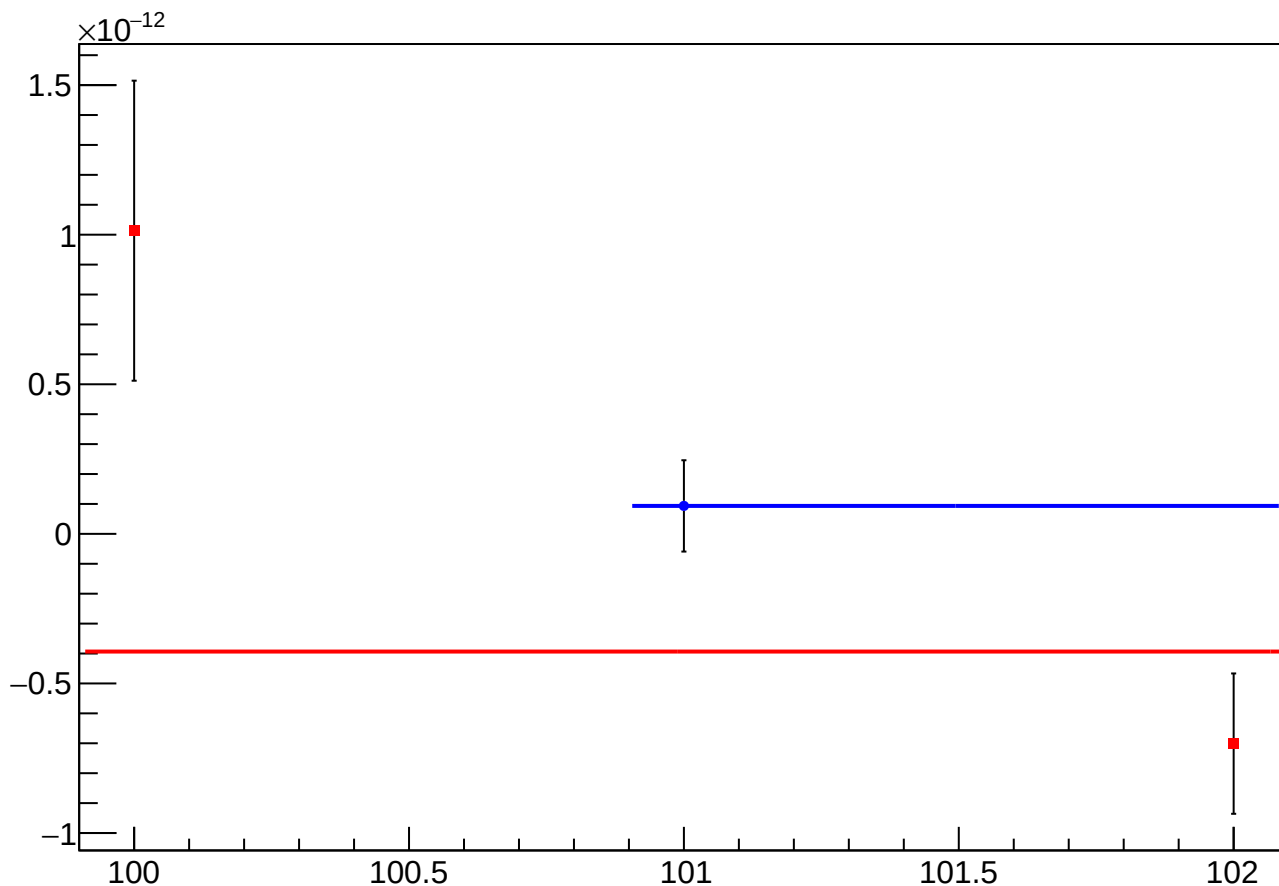
Right: 5186.556+/-3.175 χ^2/NDF : 1687.2/2

In: 5310.344+/-4.637 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5186.556+/-3.175 χ^2/NDF : 1687.2/2

asym_atl_dd_reg_vs_cor_diff_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 : 9.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

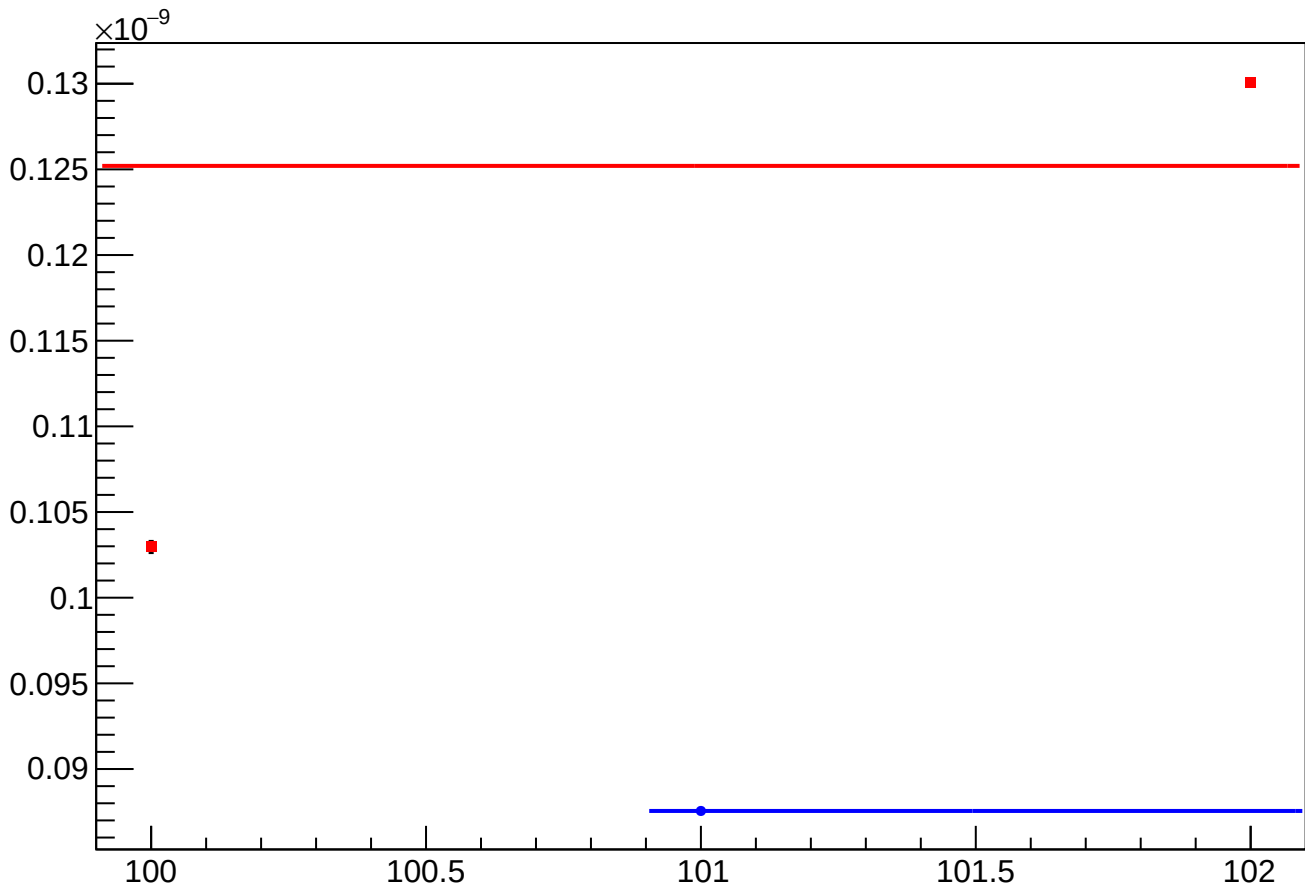
Right: -0.000+/-0.000 χ^2/NDF : 13.1/2

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 : 13.1/2

asym_atl_dd_reg_vs_cor_diff_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 : 4796.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

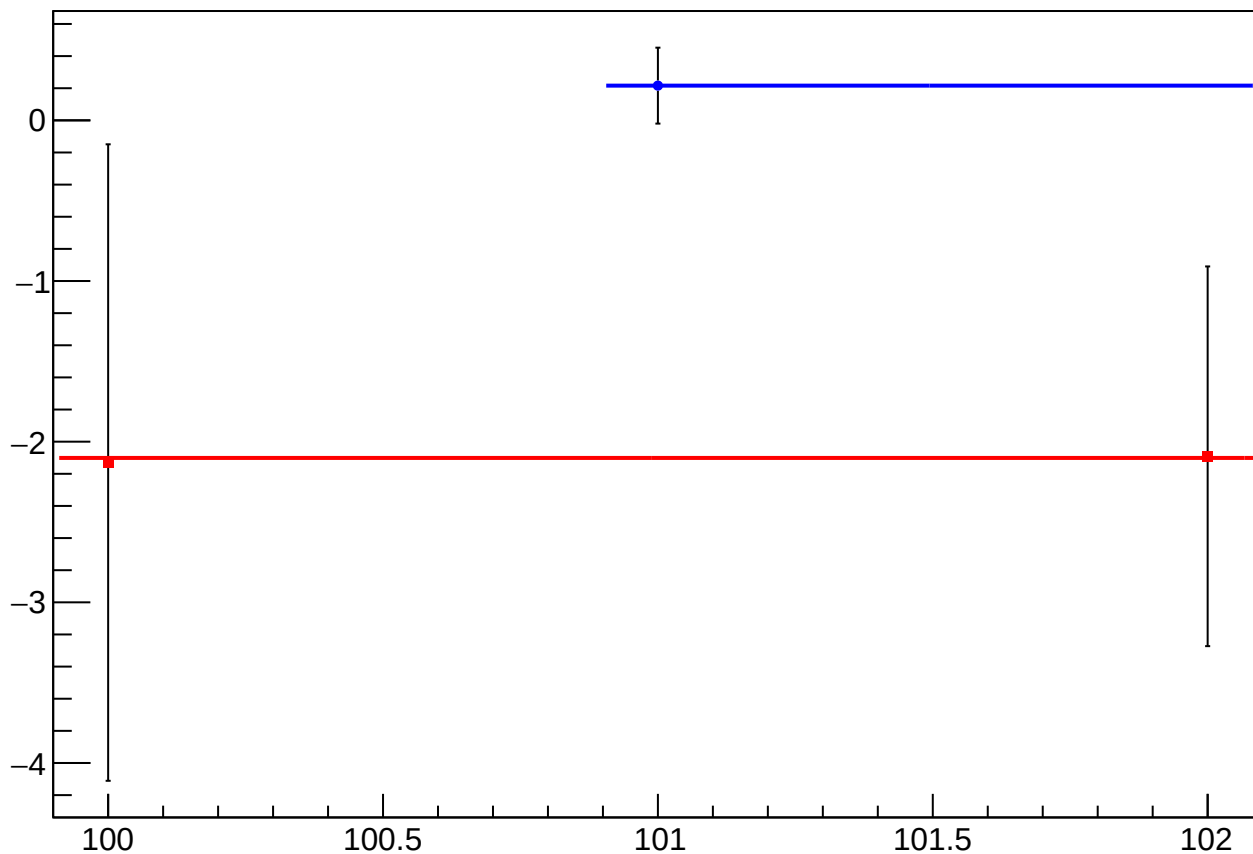
Right: 0.000+/-0.000 χ^2/NDF : 46225.2/2

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 : 46225.2/2

asym_atl_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.216 $\pm$ 0.236 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.101 $\pm$ 1.015 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

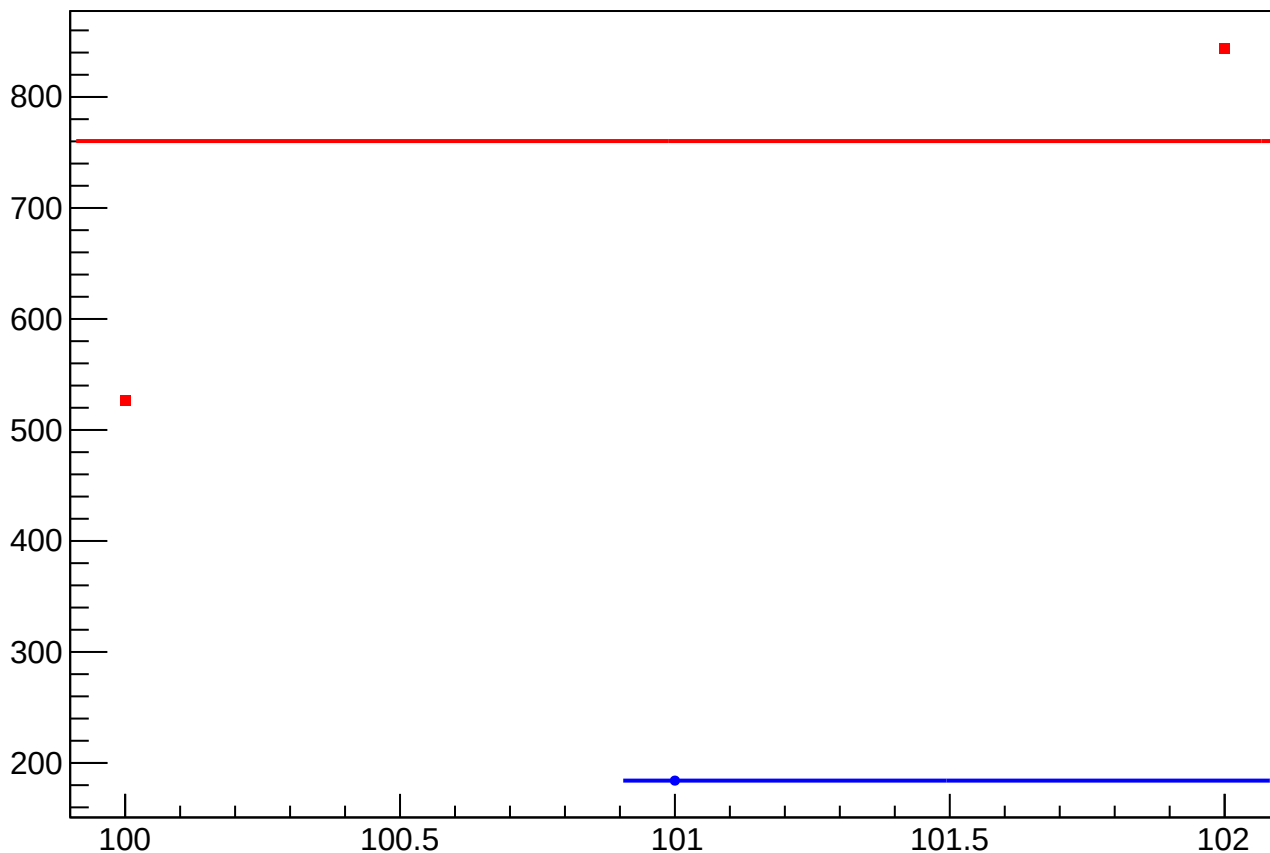
Right: 0.097 $\pm$ 0.230 χ^2 /NDF: 4.9/2

In: 0.216 $\pm$ 0.236 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.097 $\pm$ 0.230 χ^2 /NDF: 4.9/2

asym_atl_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 184.098 $\pm$ 0.167 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 760.301 $\pm$ 0.718 χ^2 /NDF: 37845.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

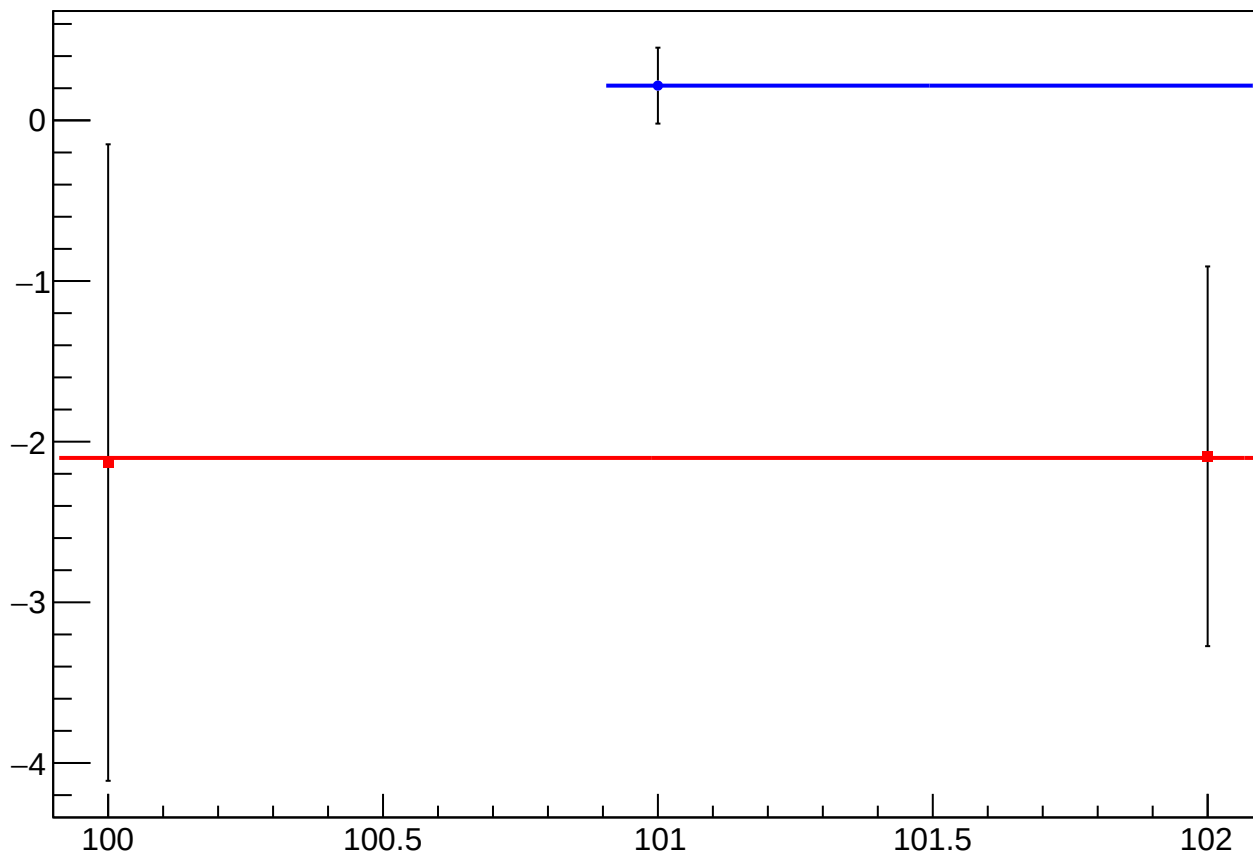
Right: 213.729 $\pm$ 0.163 χ^2 /NDF: 649411.3/2

In: 184.098 $\pm$ 0.167 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 213.729 $\pm$ 0.163 χ^2 /NDF: 649411.3/2

asym_atl_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.216+/-0.236 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.101+/-1.015 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

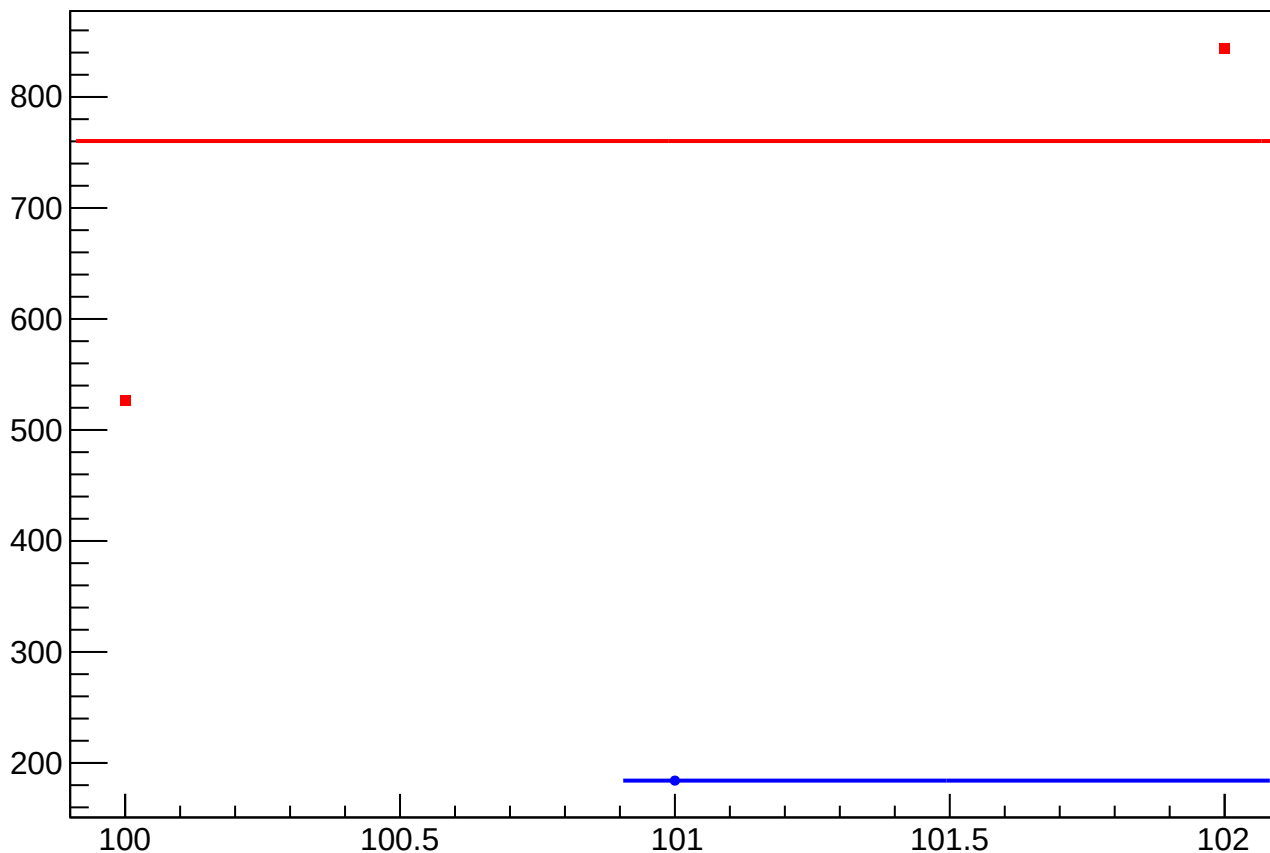
Right: 0.097+/-0.230 χ^2/NDF : 4.9/2

In: 0.216+/-0.236 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.097+/-0.230 χ^2/NDF : 4.9/2

asym_atl_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 184.098 $\pm$ 0.167 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 760.301 $\pm$ 0.718 χ^2 /NDF: 37845.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

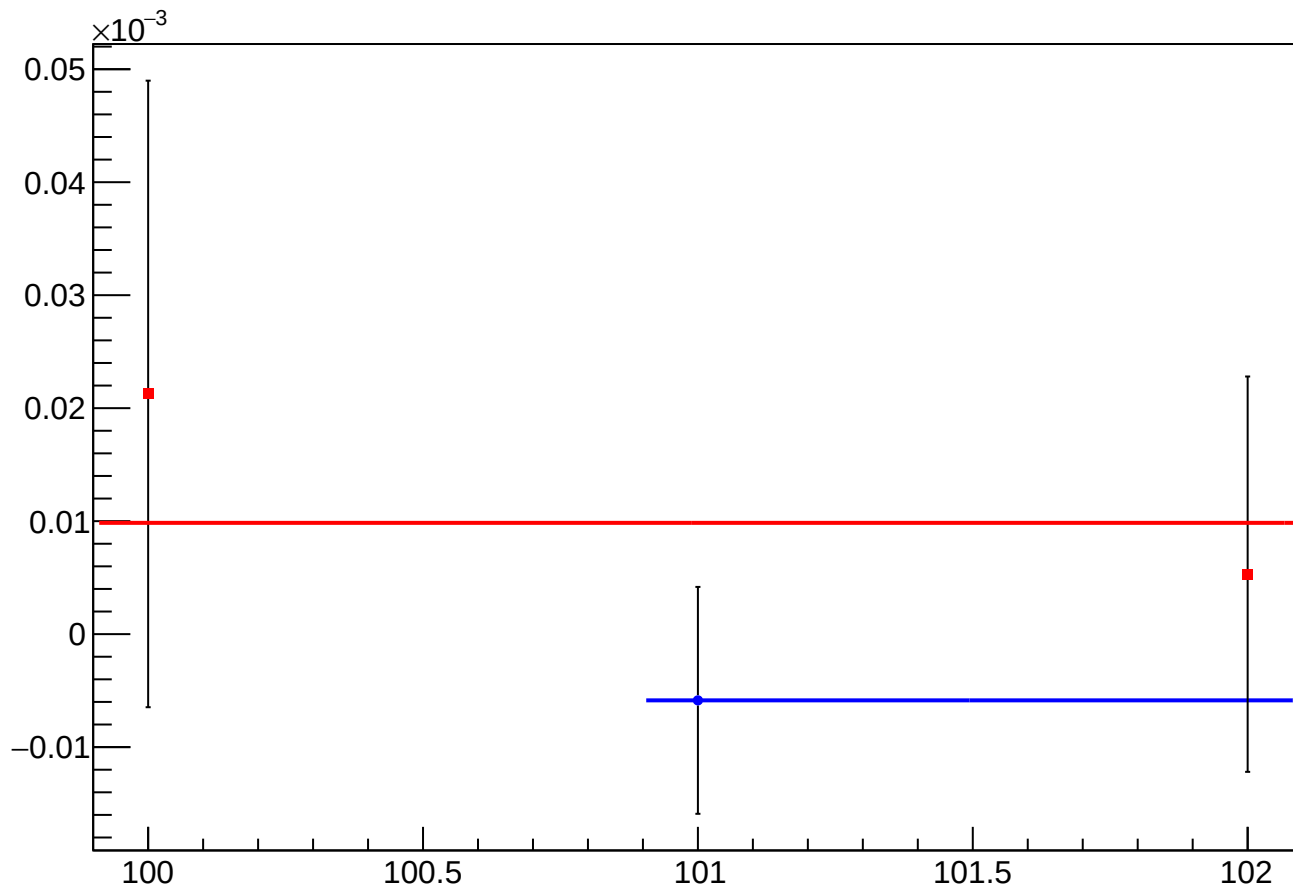
Right: 213.729 $\pm$ 0.163 χ^2 /NDF: 649411.3/2

In: 184.098 $\pm$ 0.167 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 213.729 $\pm$ 0.163 χ^2 /NDF: 649411.3/2

asym_atl_dd_eigen_dit_vs_dit_diff_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 : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

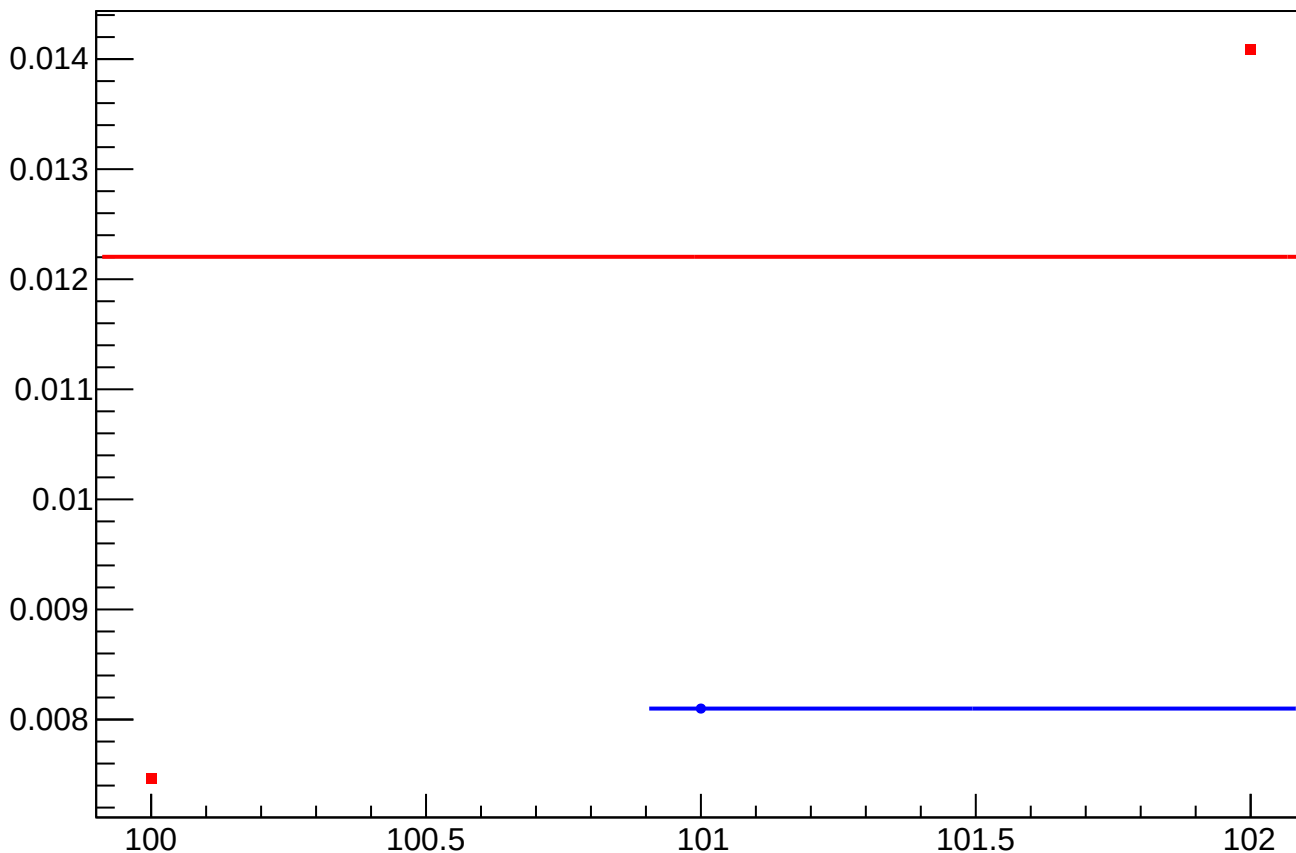
Right: -0.000+/-0.000 χ^2/NDF : 1.0/2

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 : 1.0/2

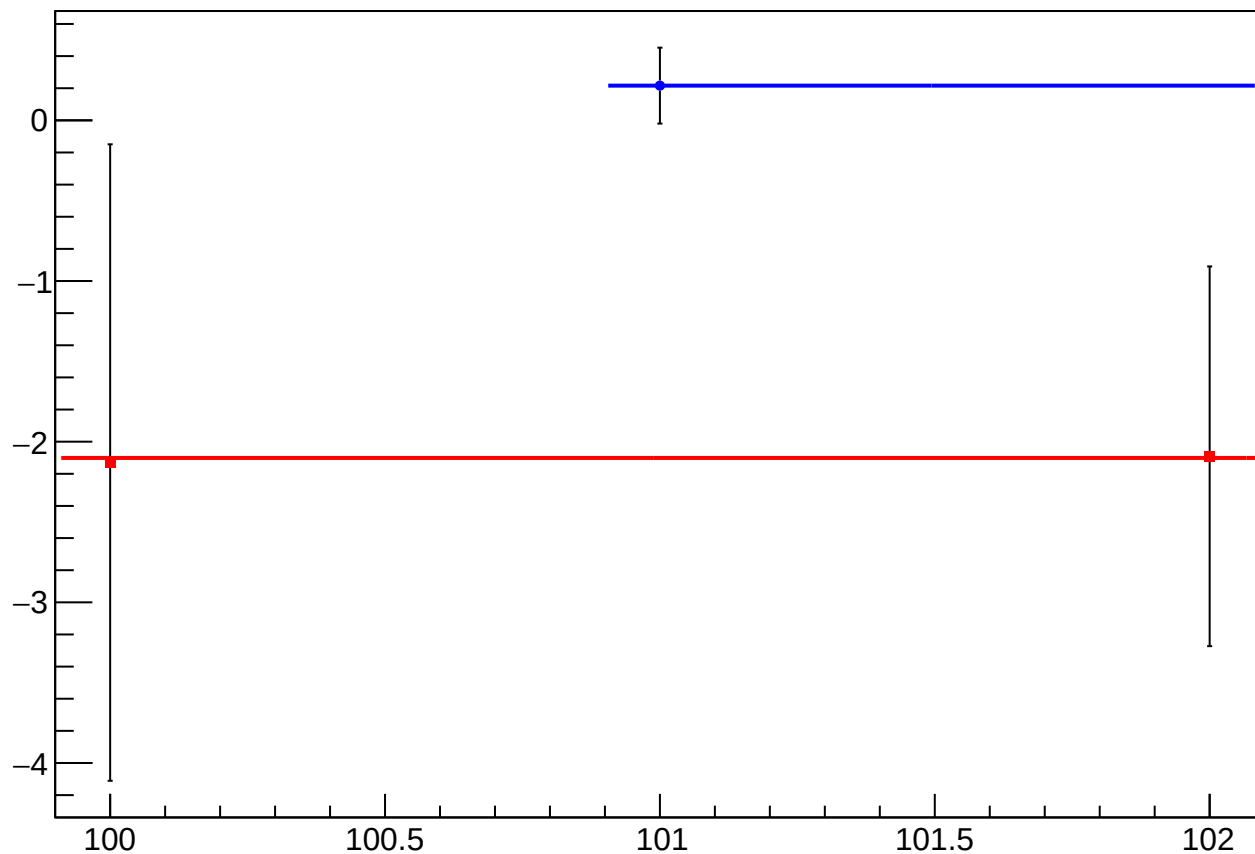
asym_atl_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.012+/-0.000 χ^2/NDF : 81748.0/1
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.009+/-0.000 χ^2/NDF : 187112.2/2
 In: 0.008+/-0.000 χ^2/NDF : 0.0/0
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.009+/-0.000 χ^2/NDF : 187112.2/2

asym_atl_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.216+/-0.236 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.101+/-1.015 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

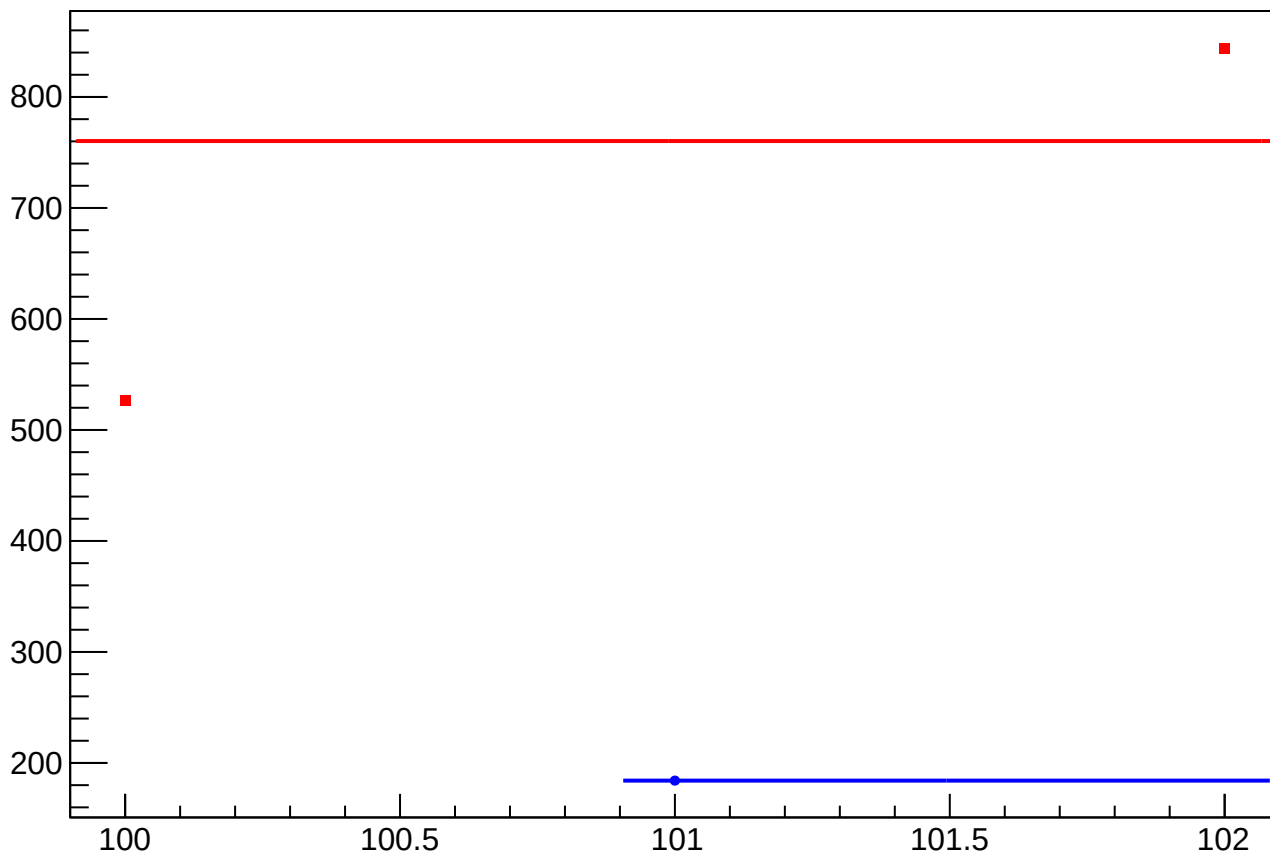
Right: 0.097+/-0.230 χ^2/NDF : 4.9/2

In: 0.216+/-0.236 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.097+/-0.230 χ^2/NDF : 4.9/2

asym_atl_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 184.095 $\pm$ 0.167 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 760.293 $\pm$ 0.718 χ^2 /NDF: 37845.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

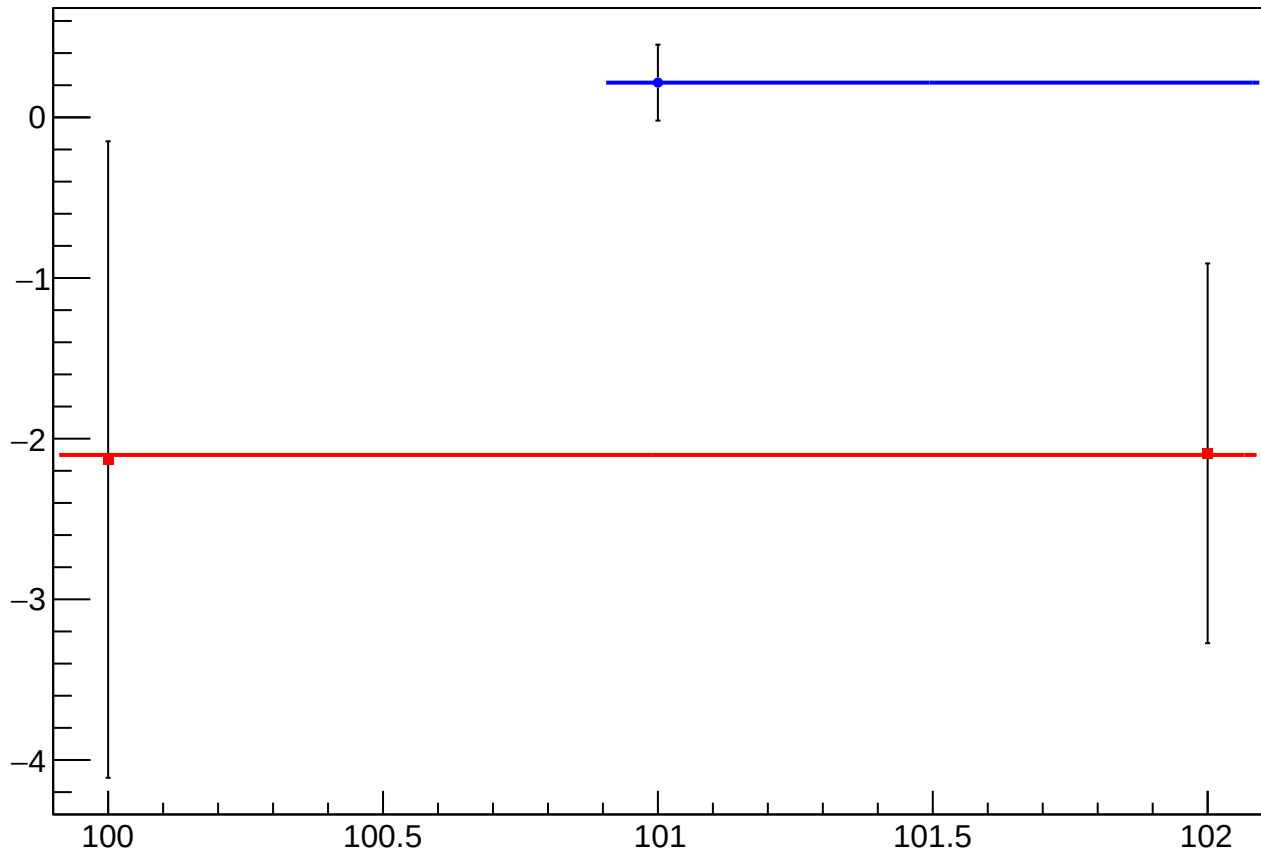
Right: 213.725 $\pm$ 0.163 χ^2 /NDF: 649413.0/2

In: 184.095 $\pm$ 0.167 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 213.725 $\pm$ 0.163 χ^2 /NDF: 649413.0/2

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.216+/-0.236 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.101+/-1.015 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

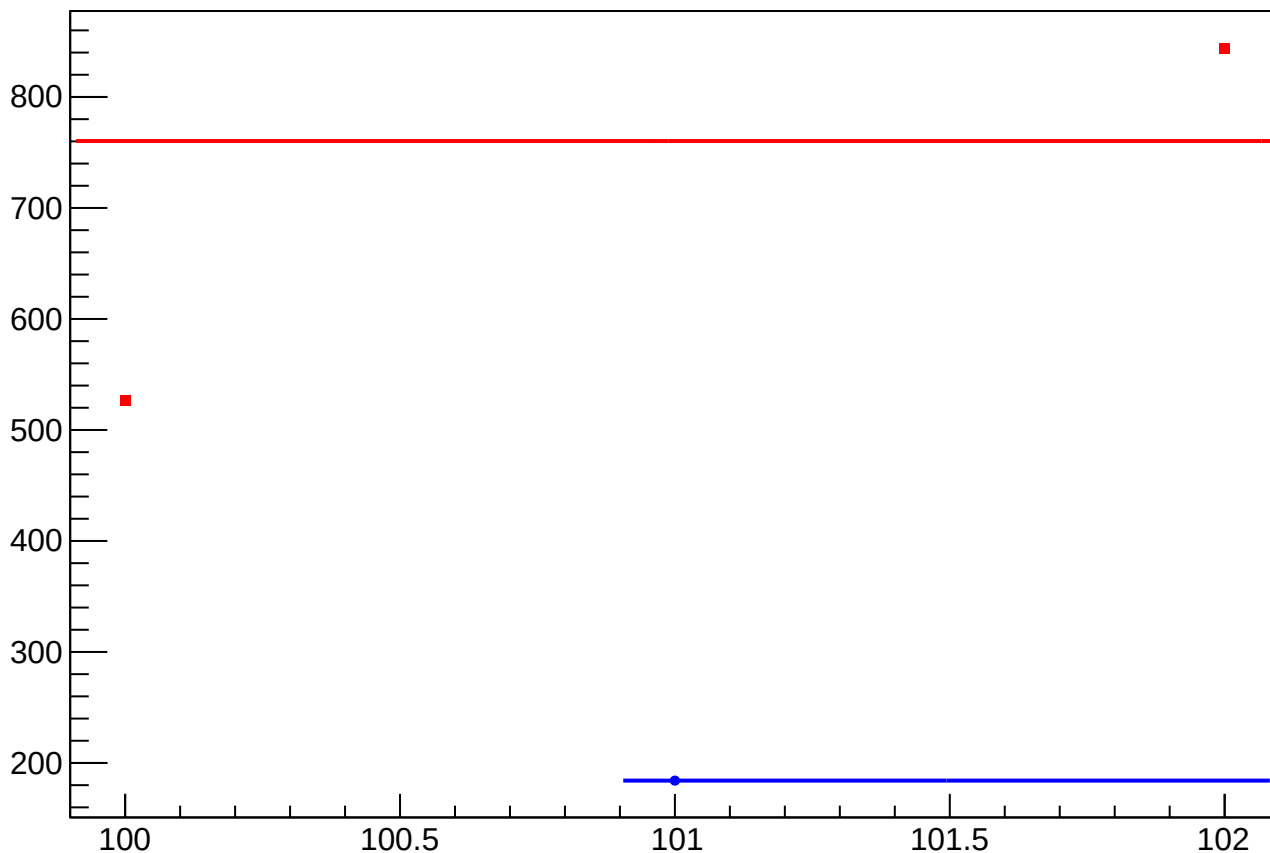
Right: 0.097+/-0.230 χ^2/NDF : 4.9/2

In: 0.216+/-0.236 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.097+/-0.230 χ^2/NDF : 4.9/2

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 184.095 $\pm$ 0.167 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 760.293 $\pm$ 0.718 χ^2 /NDF: 37845.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

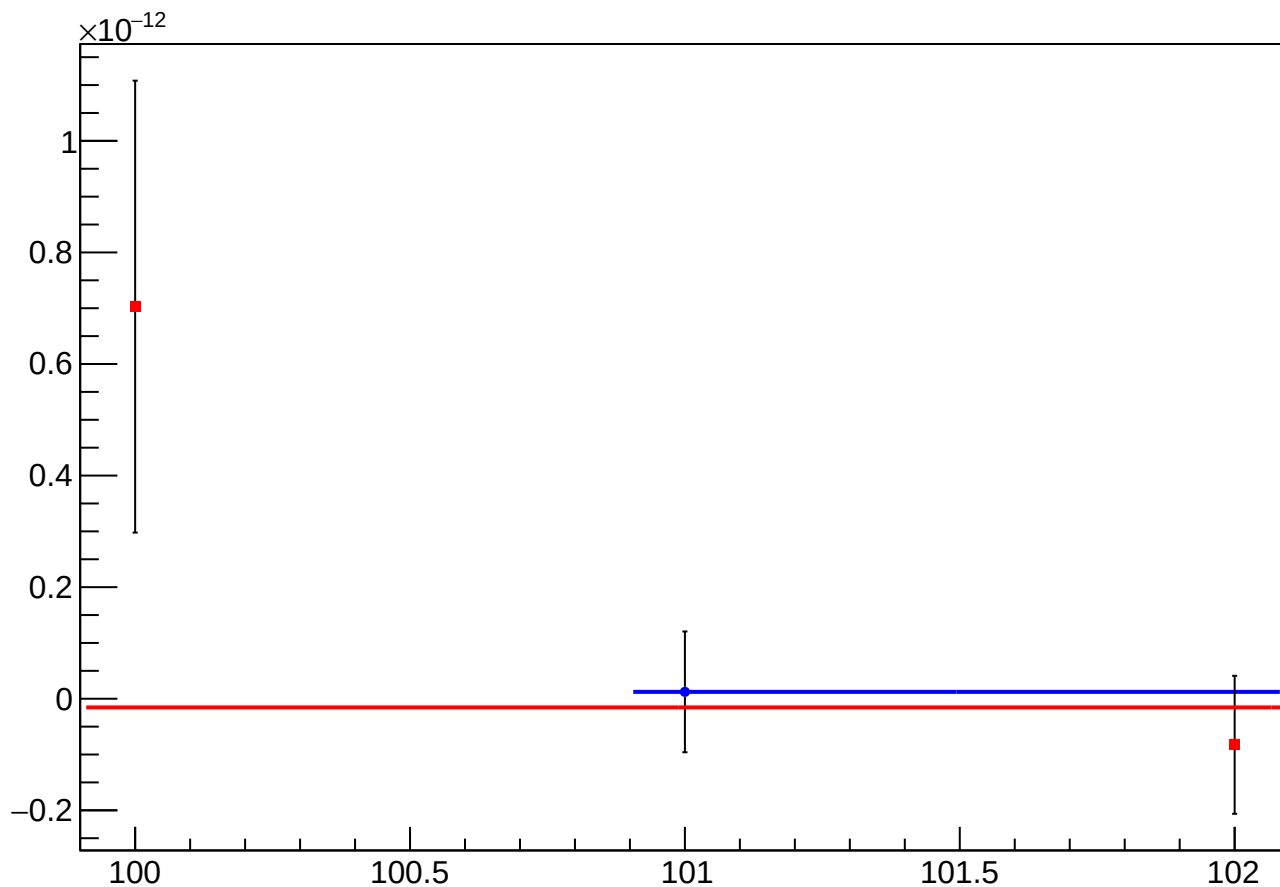
Right: 213.725 $\pm$ 0.163 χ^2 /NDF: 649413.0/2

In: 184.095 $\pm$ 0.167 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 213.725 $\pm$ 0.163 χ^2 /NDF: 649413.0/2

asym_atl_dd_eigen_cor_vs_cor_diff_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 : 3.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

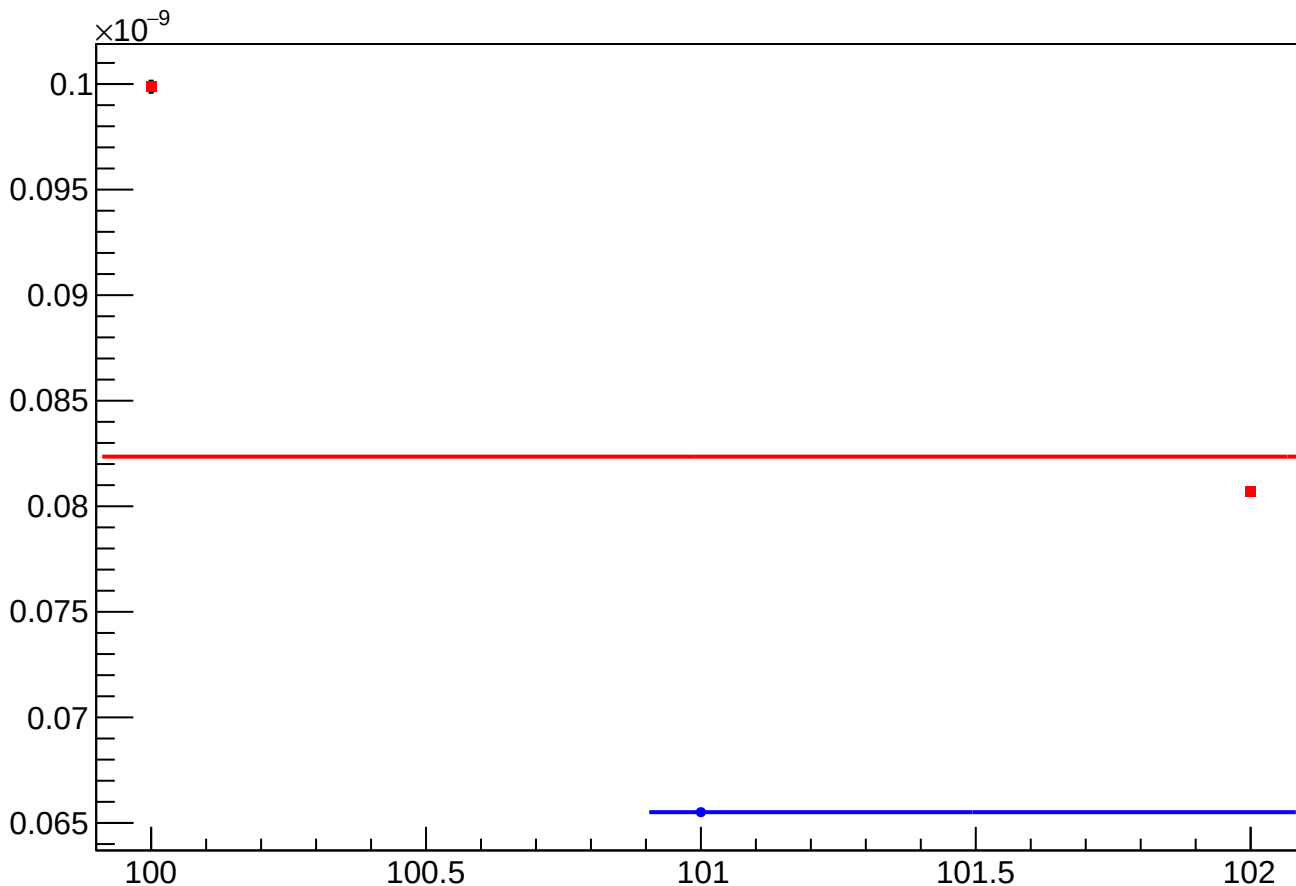
Right: -0.000+/-0.000 χ^2/NDF : 3.5/2

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 : 3.5/2

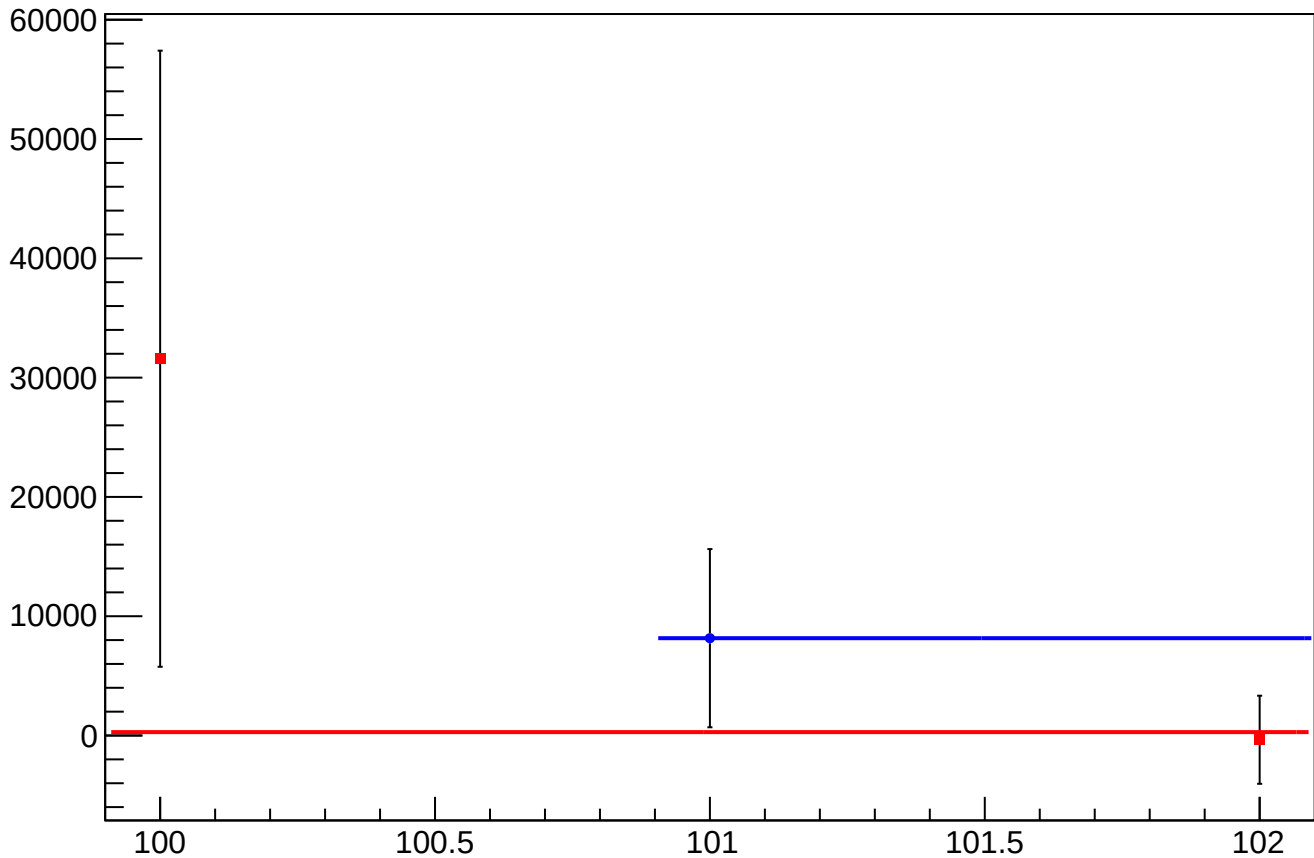
asym_atl_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 4092.0/1
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 26154.4/2
 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 : 26154.4/2

reg_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 8158.861+/-7468.829 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 285.234+/-3655.133 χ^2/NDF : 1.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

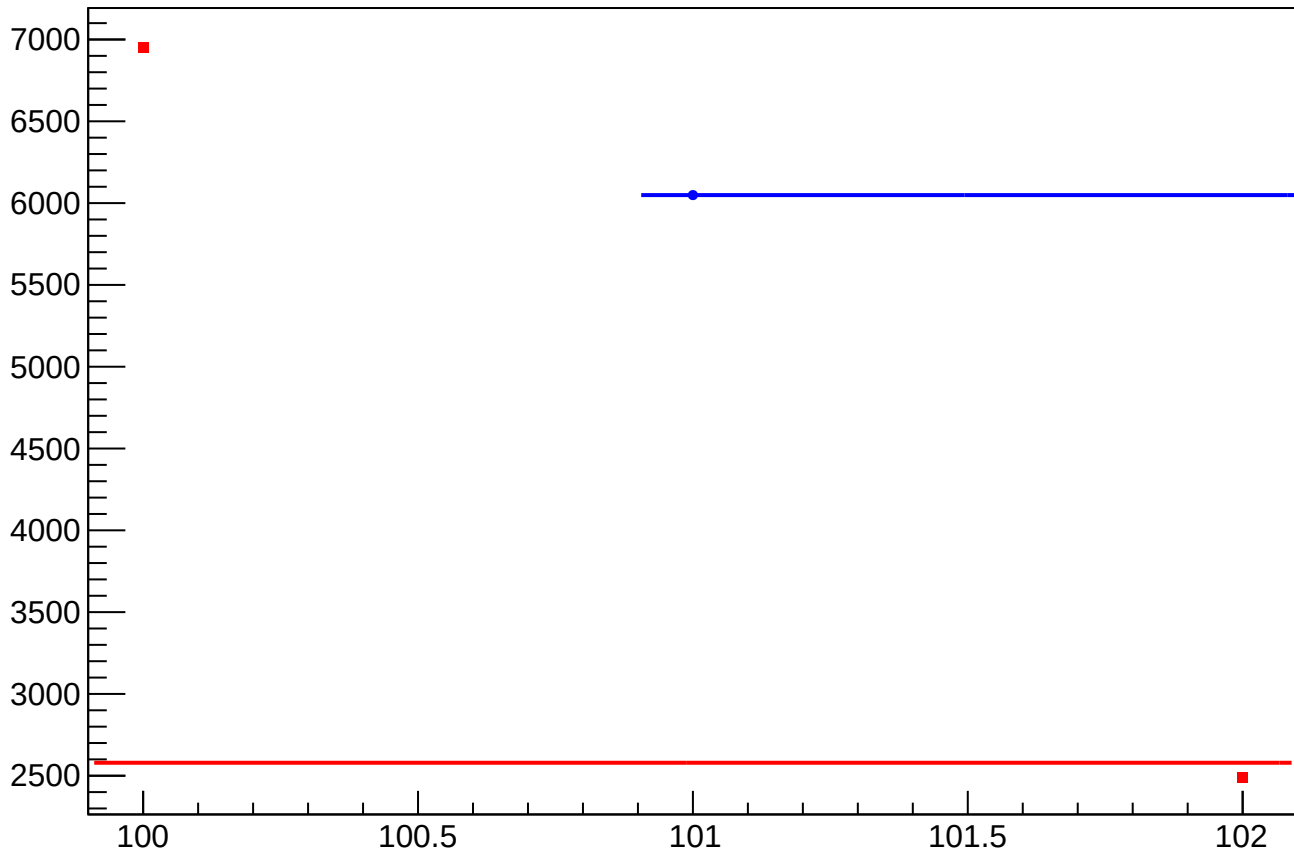
Right: 1806.589+/-3283.072 χ^2/NDF : 2.4/2

In: 8158.861+/-7468.829 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1806.589+/-3283.072 χ^2/NDF : 2.4/2

reg_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 6049.005+/-5.281 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2579.370+/-2.584 χ^2/NDF : 58470.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

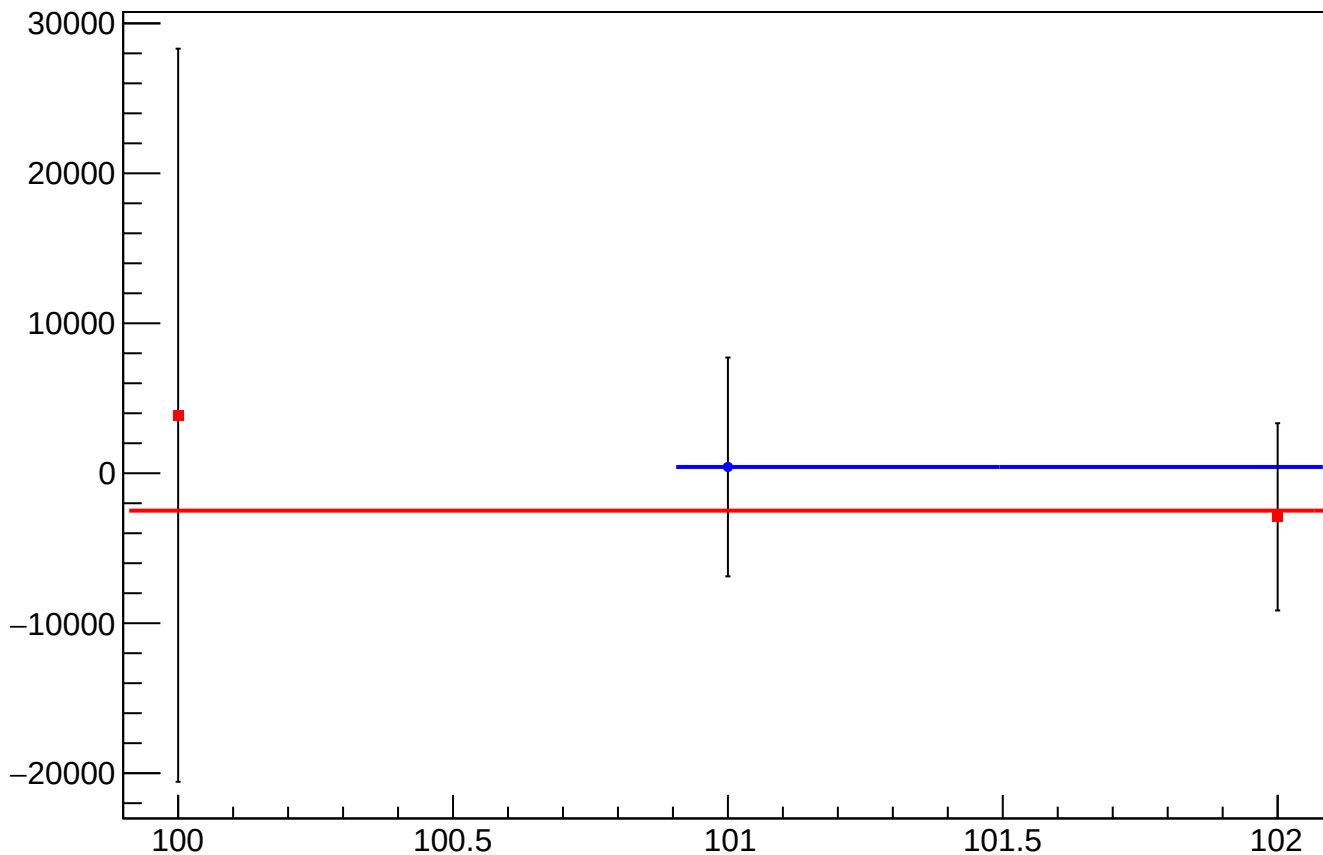
Right: 3249.709+/-2.321 χ^2/NDF : 406694.0/2

In: 6049.005+/-5.281 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3249.709+/-2.321 χ^2/NDF : 406694.0/2

asym_atr_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 419.504+/-7295.614 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2492.485+/-6047.492 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

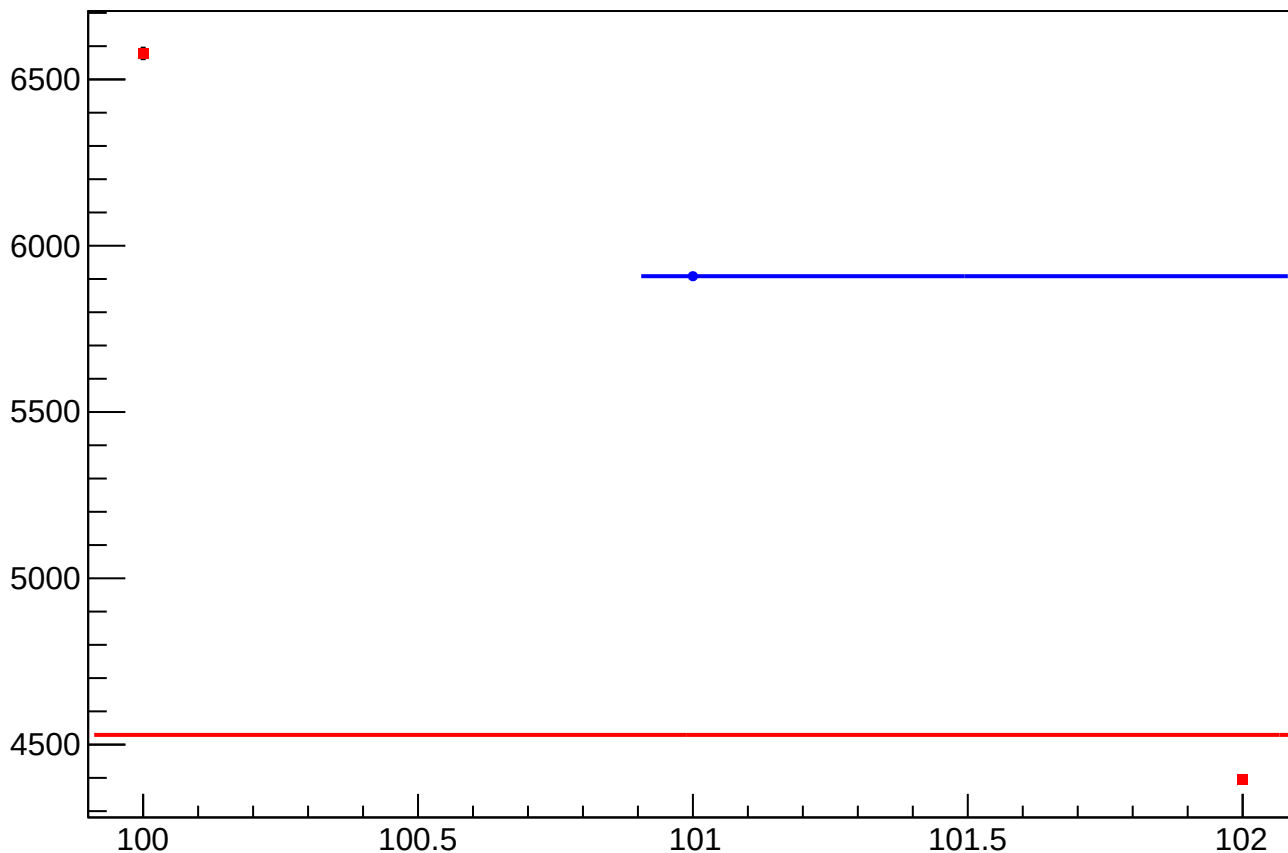
Right: -1306.517+/-4655.898 χ^2/NDF : 0.2/2

In: 419.504+/-7295.614 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1306.517+/-4655.898 χ^2/NDF : 0.2/2

asym_atr_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 5908.384+/-5.159 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4529.225+/-4.276 χ^2/NDF : 14969.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

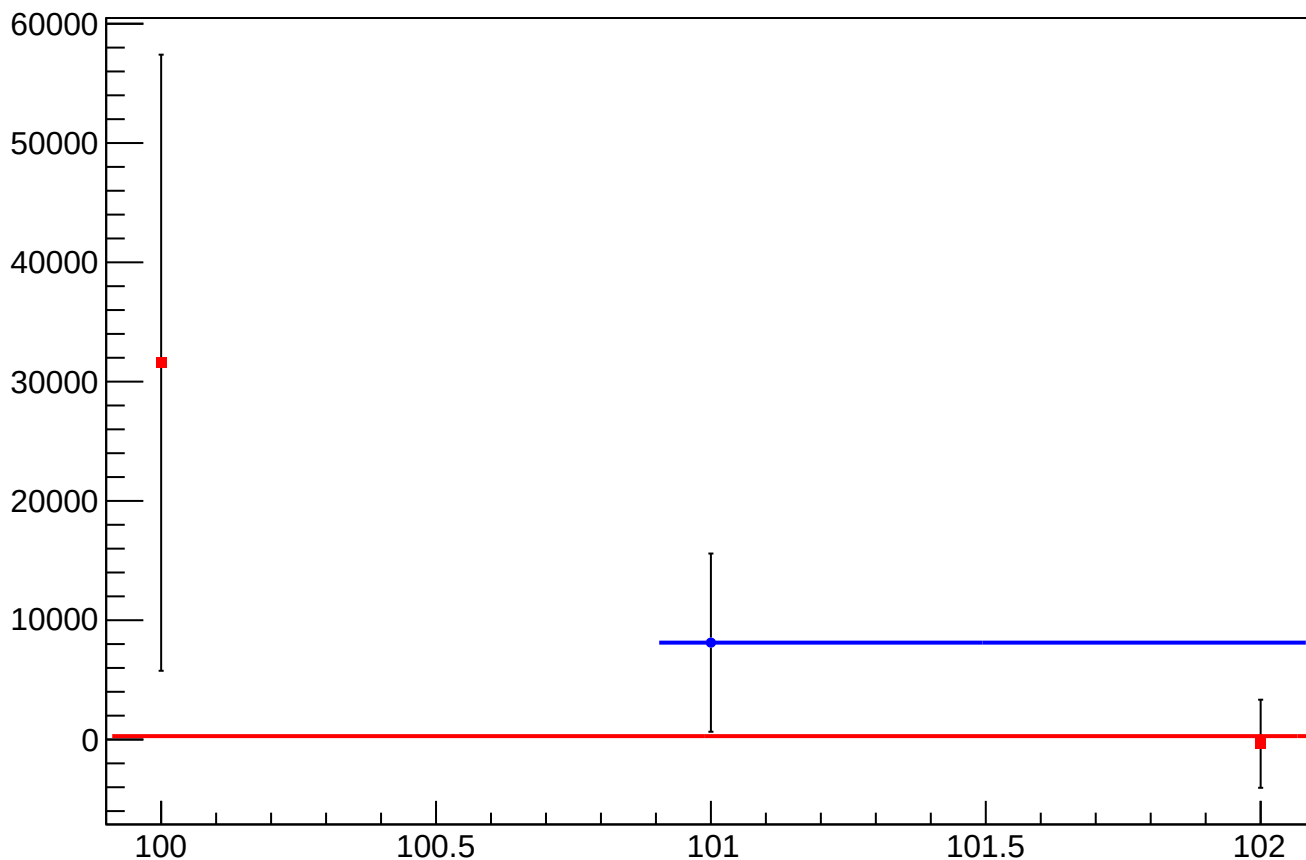
Right: 5090.916+/-3.292 χ^2/NDF : 57333.2/2

In: 5908.384+/-5.159 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5090.916+/-3.292 χ^2/NDF : 57333.2/2

cor_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 8120.973+/-7468.860 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 284.997+/-3655.137 χ^2/NDF : 1.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

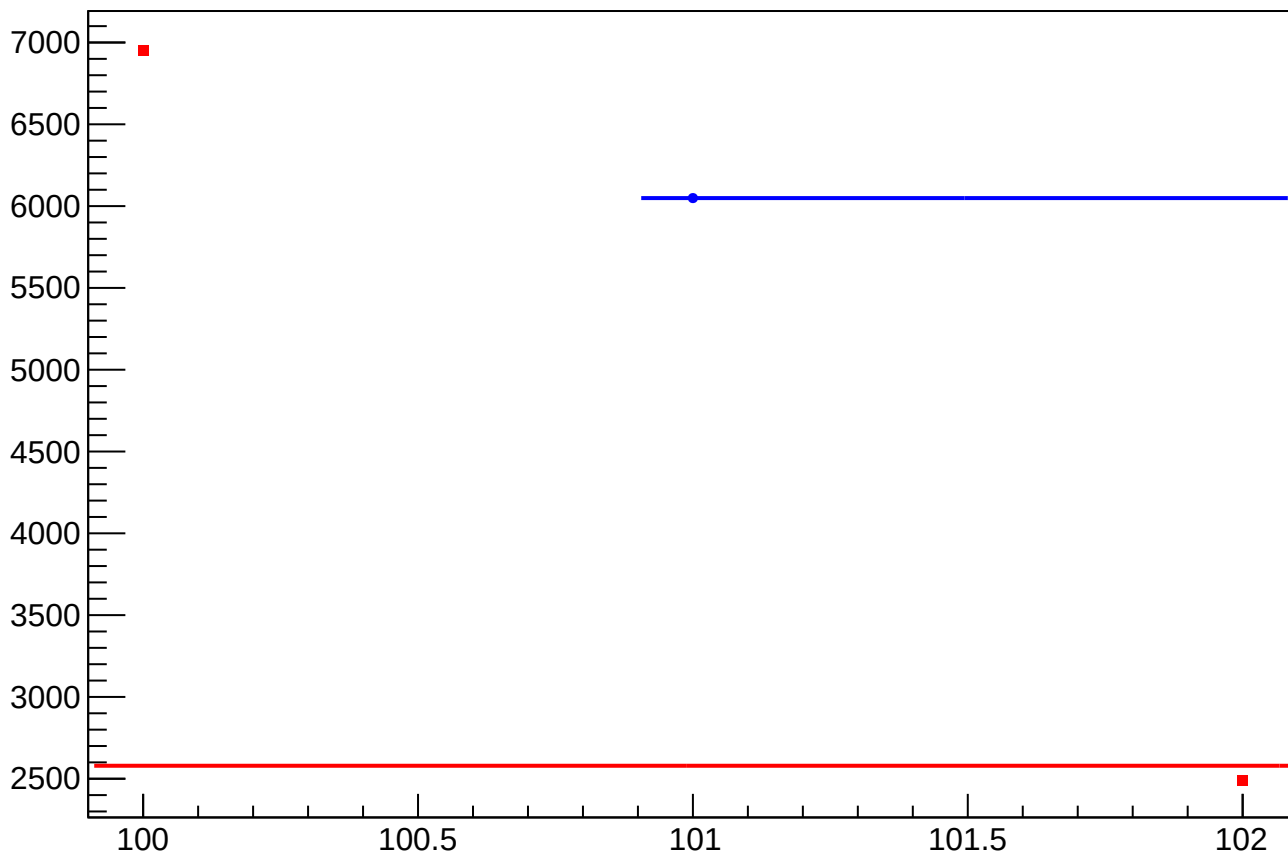
Right: 1799.069+/-3283.077 χ^2/NDF : 2.4/2

In: 8120.973+/-7468.860 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1799.069+/-3283.077 χ^2/NDF : 2.4/2

cor_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 6049.023+/-5.281 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 2579.364+/-2.584 χ^2 /NDF: 58471.0/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

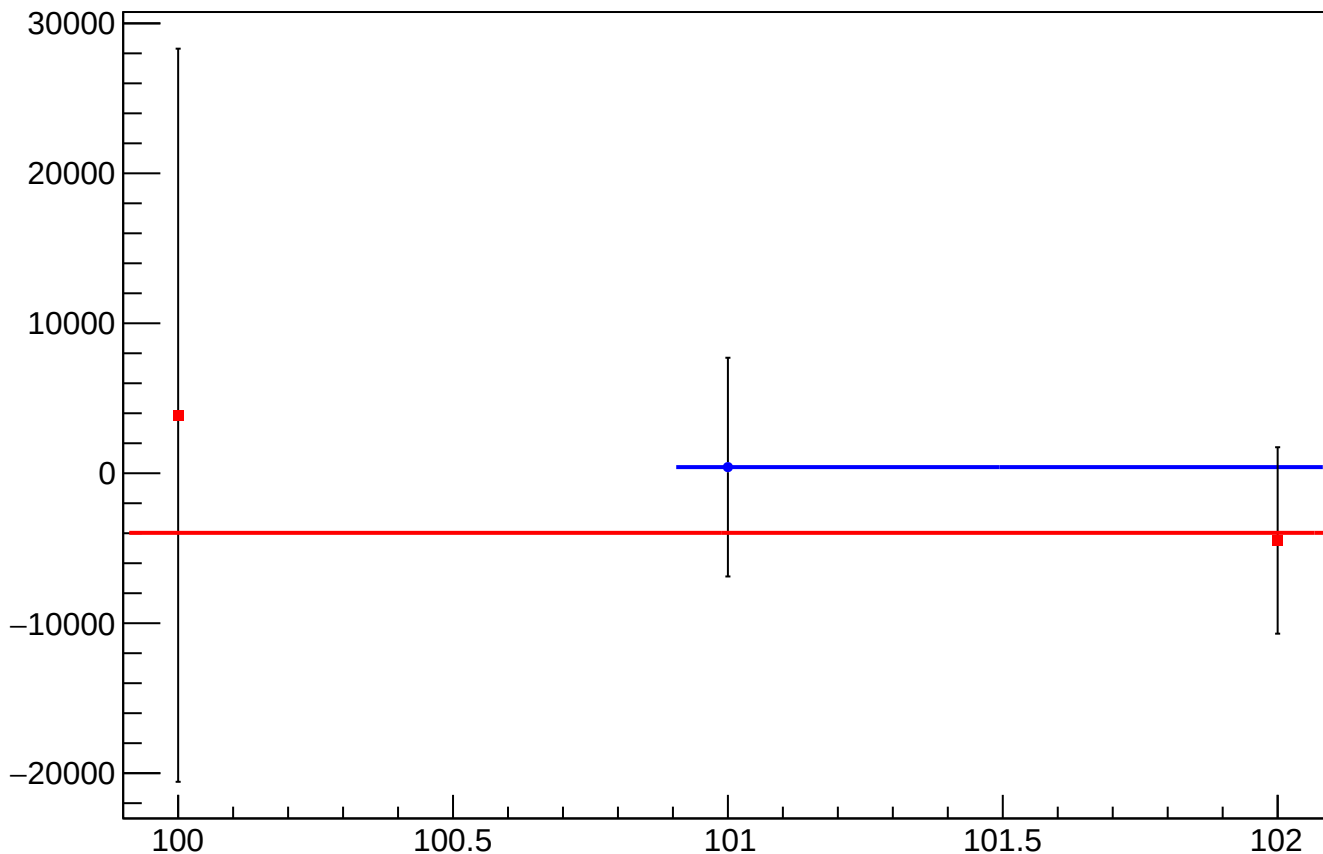
Right: 3249.705+/-2.321 χ^2 /NDF: 406696.2/2

In: 6049.023+/-5.281 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 3249.705+/-2.321 χ^2 /NDF: 406696.2/2

asym_atr_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 409.576 +/- 7292.472 χ^2/NDF : 0.0/0

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -3973.849 +/- 6024.411 χ^2/NDF : 0.1/1

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

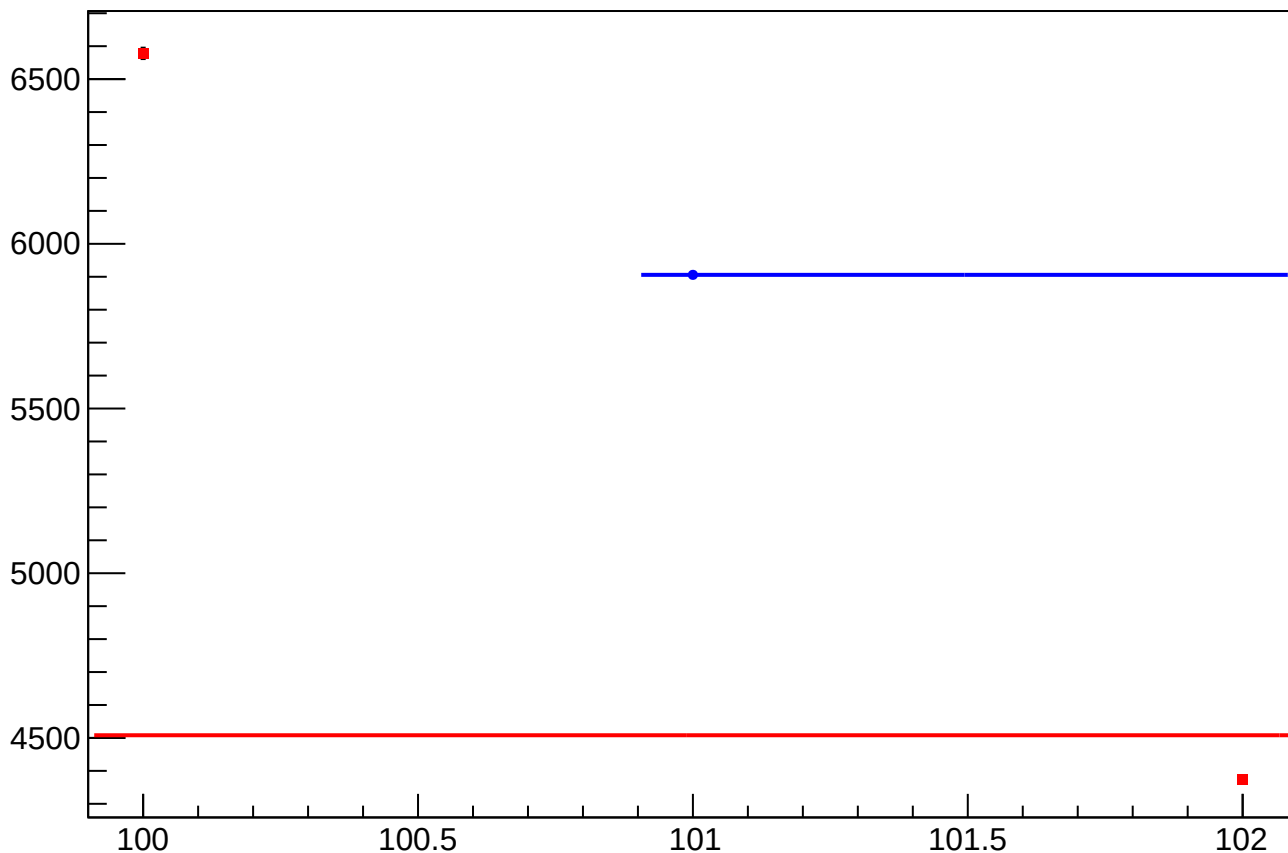
Right: -2195.785 +/- 4644.530 χ^2/NDF : 0.3/2

In: 409.576 +/- 7292.472 χ^2/NDF : 0.0/0

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -2195.785 +/- 4644.530 χ^2/NDF : 0.3/2

asym_atr_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 5905.809+/-5.157 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4508.132+/-4.260 χ^2/NDF : 15271.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

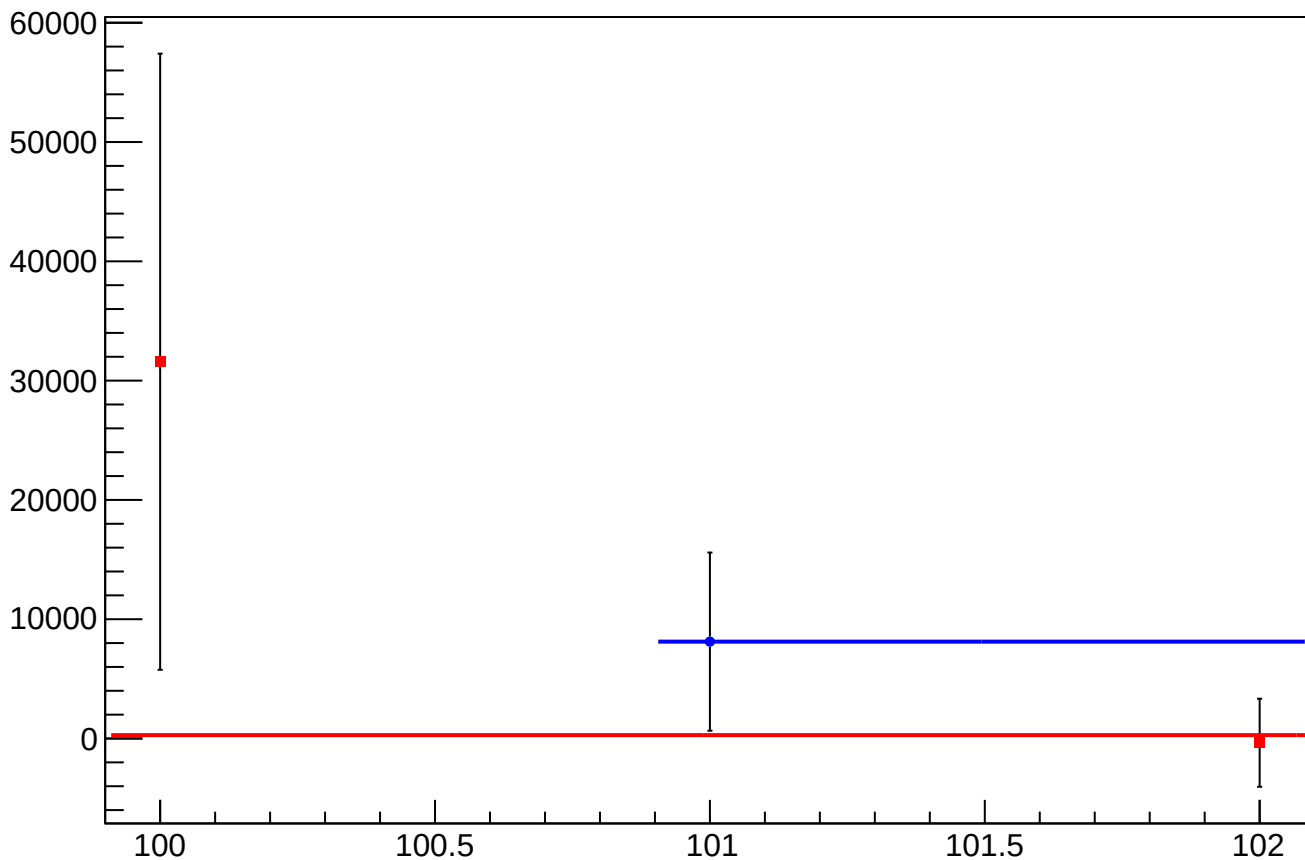
Right: 5075.077+/-3.284 χ^2/NDF : 58938.4/2

In: 5905.809+/-5.157 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5075.077+/-3.284 χ^2/NDF : 58938.4/2

eigen_cor_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 8120.973+/-7468.860 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 284.997+/-3655.137 χ^2/NDF : 1.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

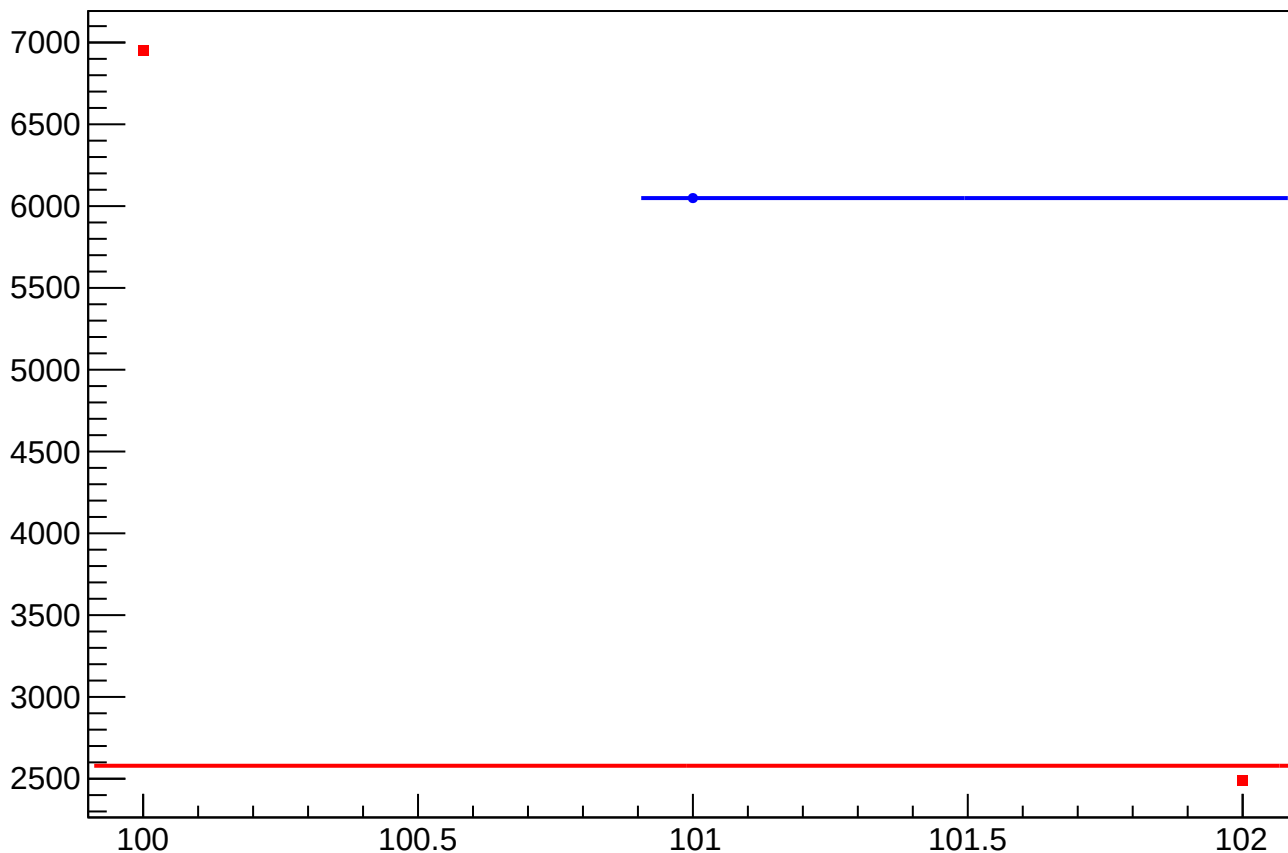
Right: 1799.069+/-3283.077 χ^2/NDF : 2.4/2

In: 8120.973+/-7468.860 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1799.069+/-3283.077 χ^2/NDF : 2.4/2

eigen_cor_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 6049.023+/-5.281 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2579.364+/-2.584 χ^2/NDF : 58471.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

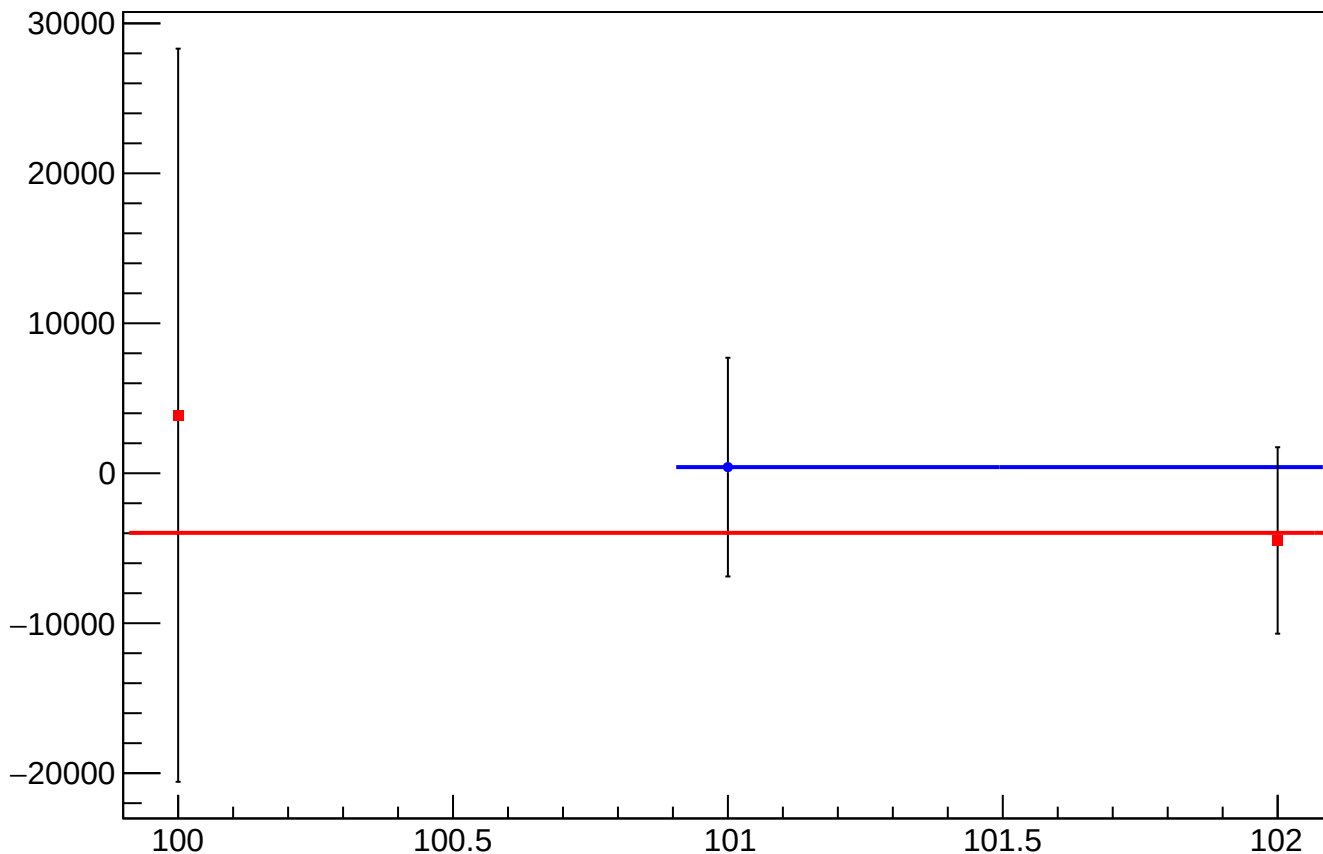
Right: 3249.705+/-2.321 χ^2/NDF : 406696.2/2

In: 6049.023+/-5.281 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3249.705+/-2.321 χ^2/NDF : 406696.2/2

asym_atr_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 409.576+/-7292.472 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3973.849+/-6024.411 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

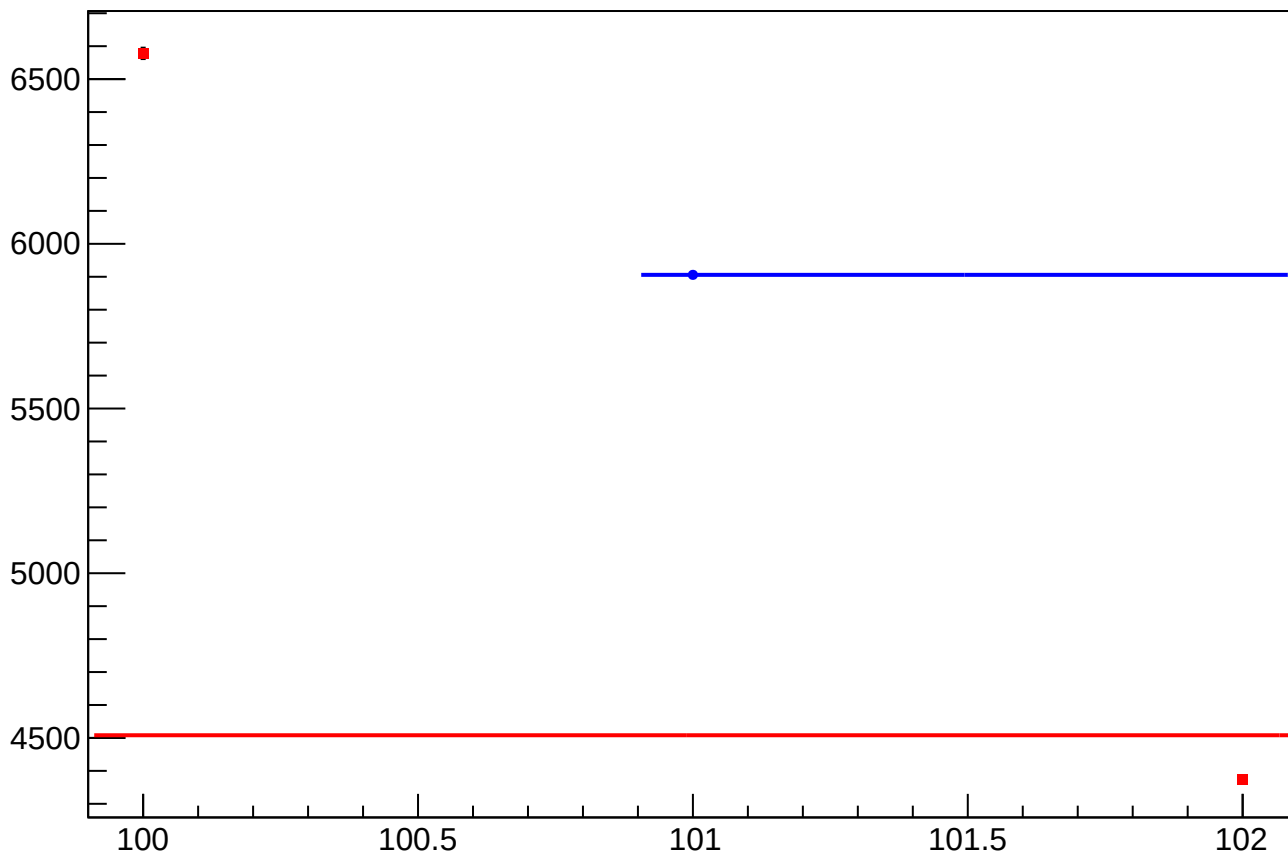
Right: -2195.785+/-4644.530 χ^2/NDF : 0.3/2

In: 409.576+/-7292.472 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2195.785+/-4644.530 χ^2/NDF : 0.3/2

asym_atr_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 5905.809+/-5.157 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4508.132+/-4.260 χ^2/NDF : 15271.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

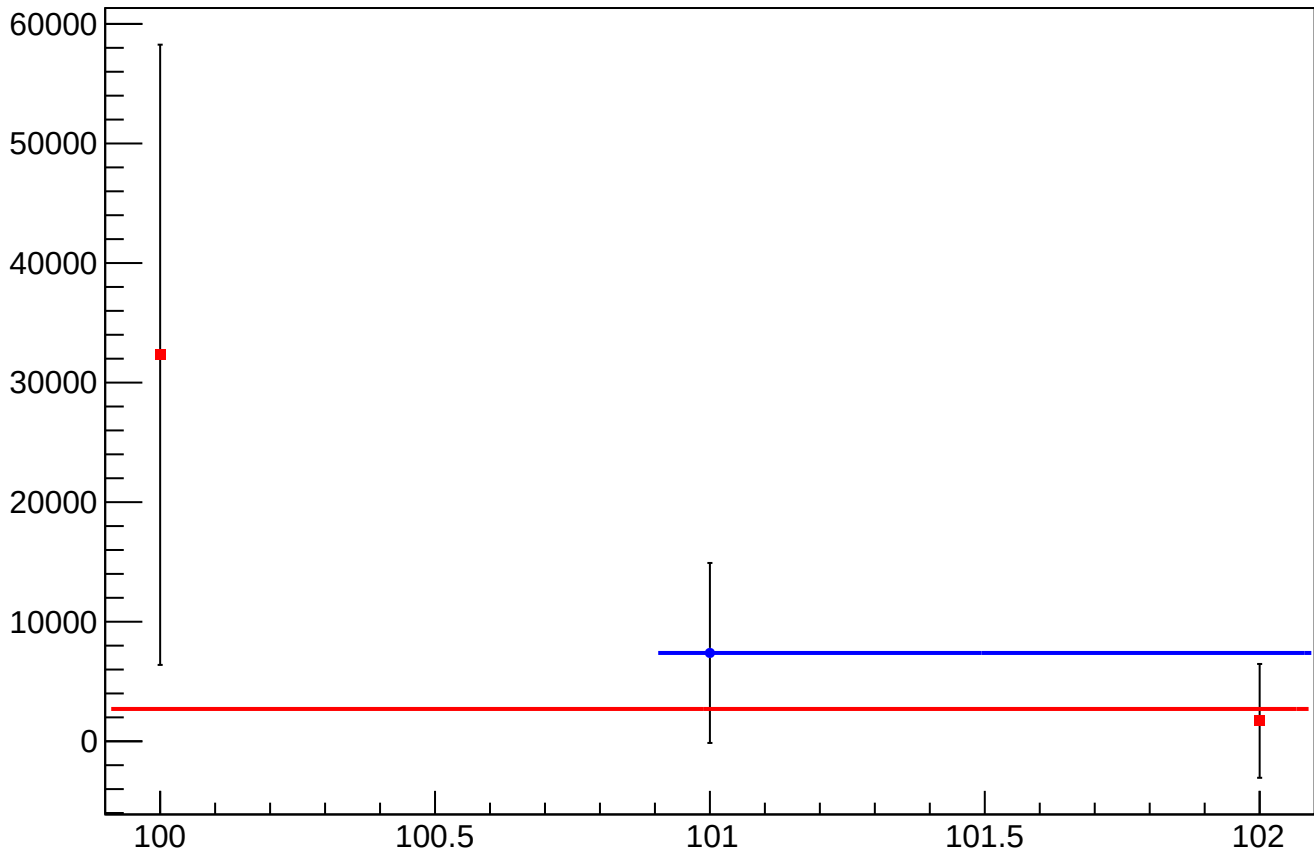
Right: 5075.077+/-3.284 χ^2/NDF : 58938.4/2

In: 5905.809+/-5.157 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5075.077+/-3.284 χ^2/NDF : 58938.4/2

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 7387.322+/-7527.414 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2703.706+/-4682.307 χ^2/NDF : 1.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

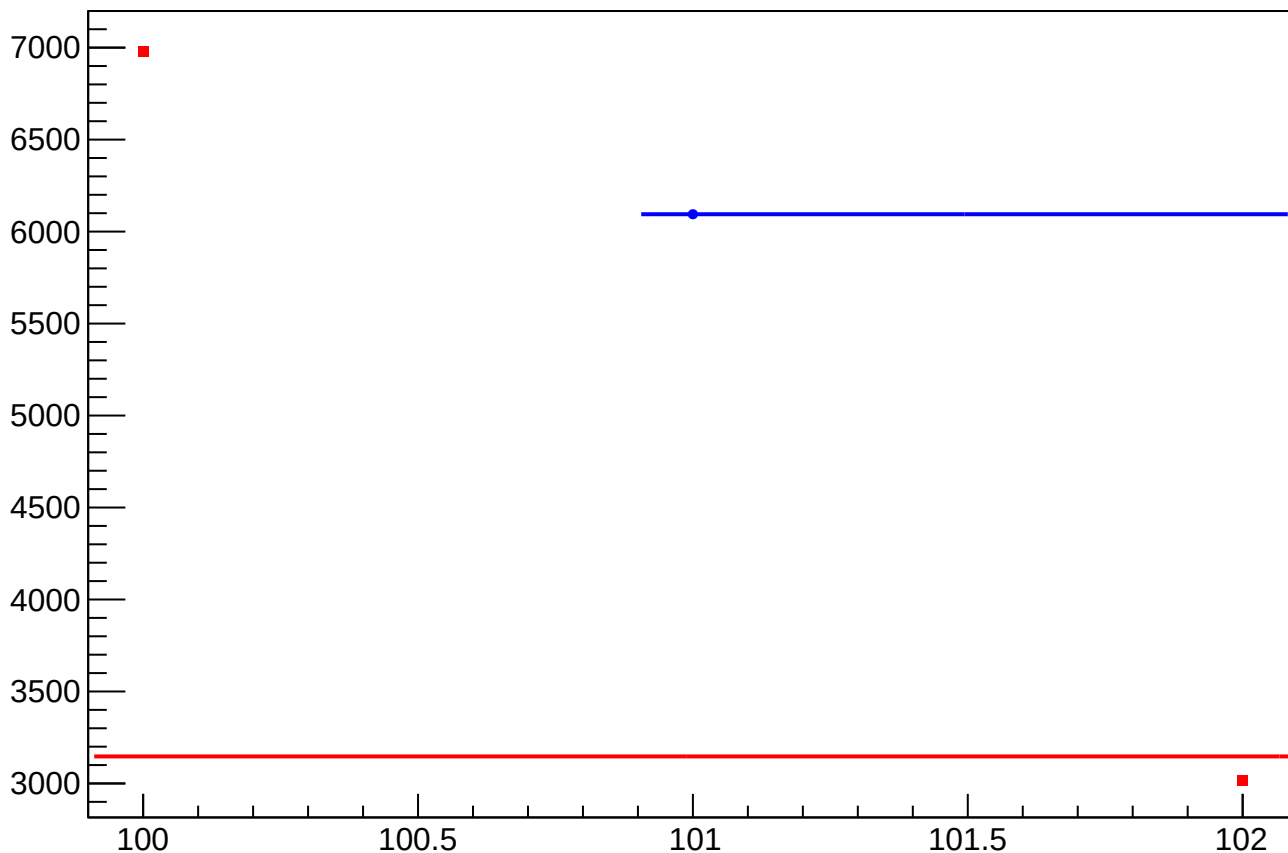
Right: 4010.347+/-3975.879 χ^2/NDF : 1.6/2

In: 7387.322+/-7527.414 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4010.347+/-3975.879 χ^2/NDF : 1.6/2

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 6094.330 $\pm$ 5.323 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3146.972 $\pm$ 3.311 χ^2 /NDF: 45178.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

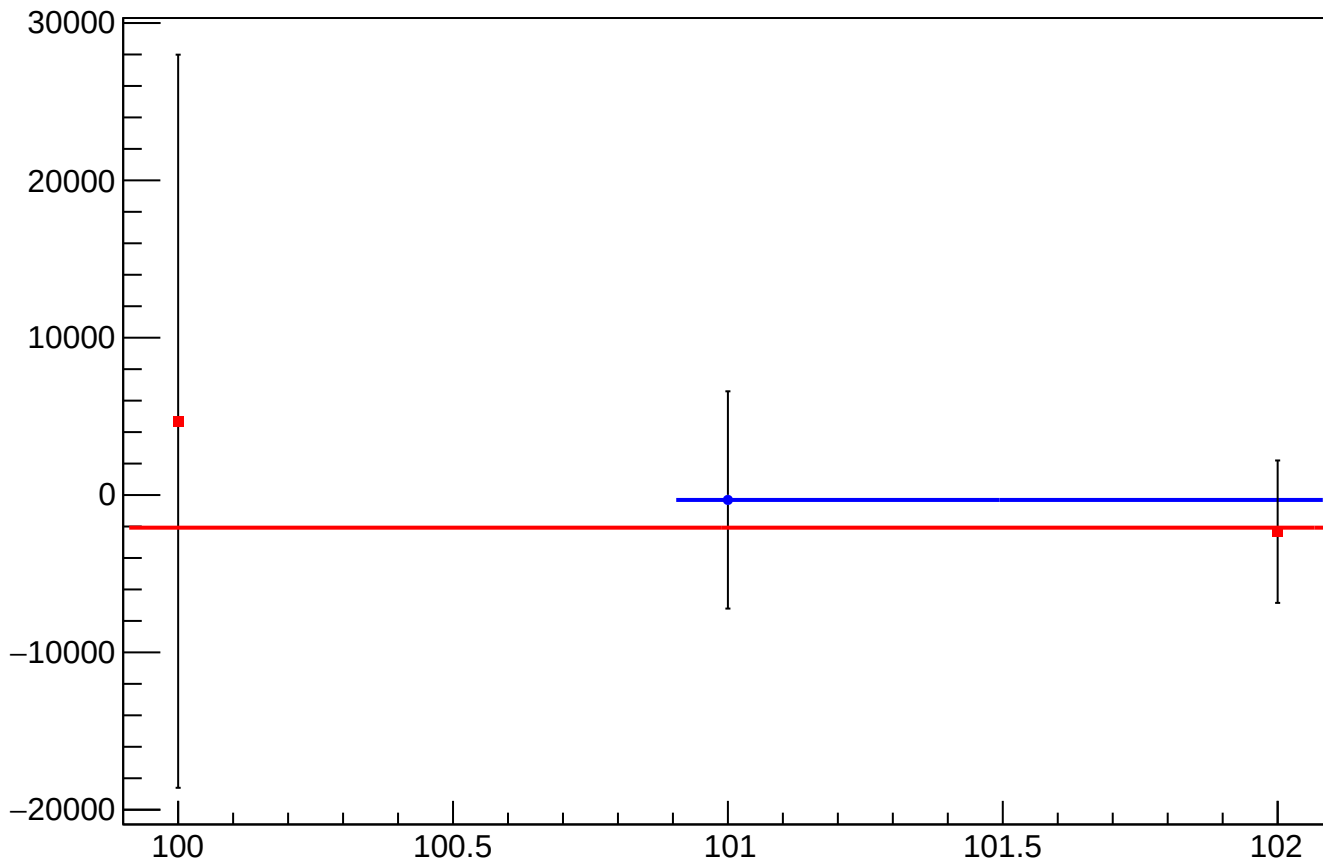
Right: 3969.110 $\pm$ 2.811 χ^2 /NDF: 266271.4/2

In: 6094.330 $\pm$ 5.323 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3969.110 $\pm$ 2.811 χ^2 /NDF: 266271.4/2

asym_atr_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -311.397+/-6904.675 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2073.354+/-4442.708 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

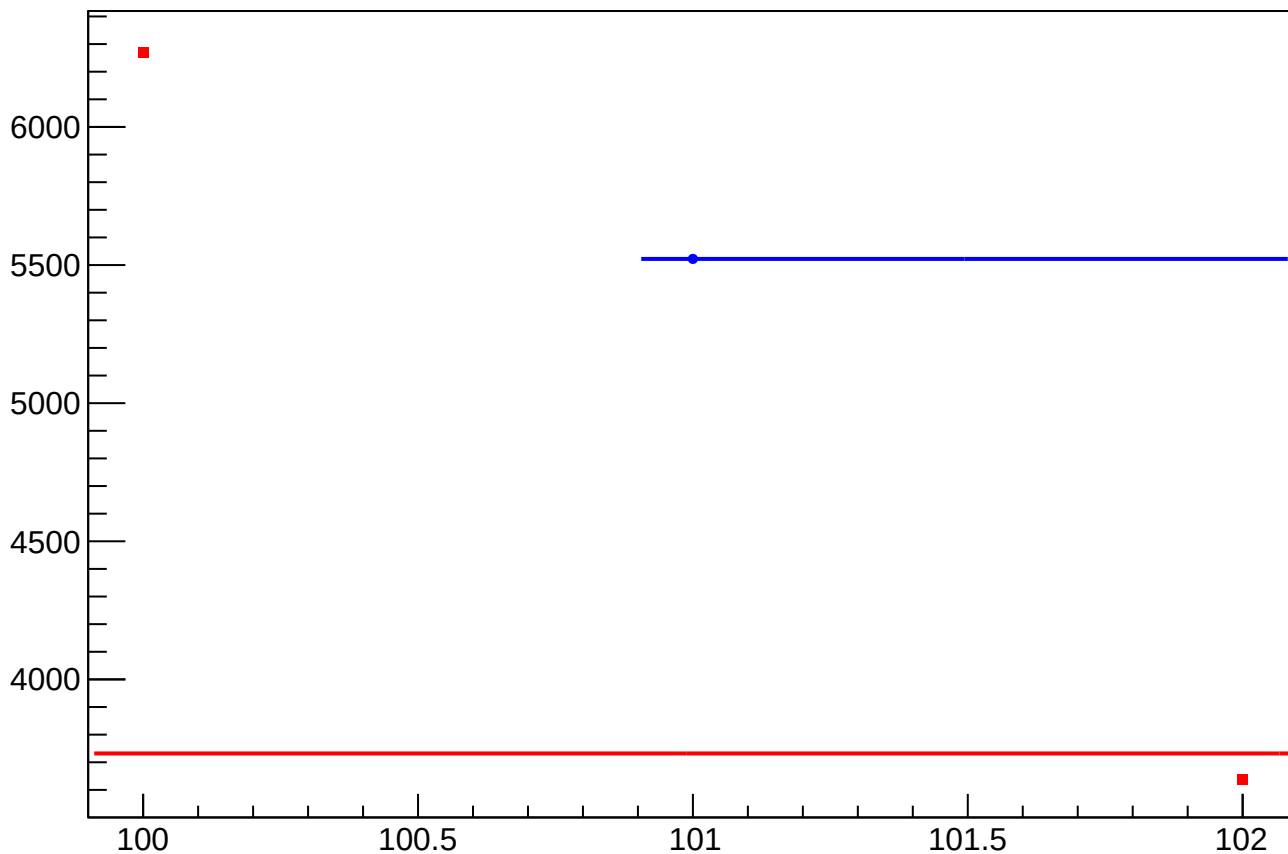
Right: -1557.470+/-3736.128 χ^2/NDF : 0.1/2

In: -311.397+/-6904.675 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1557.470+/-3736.128 χ^2/NDF : 0.1/2

asym_atr_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 5522.217+/-4.882 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3731.922+/-3.141 χ^2/NDF : 24643.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

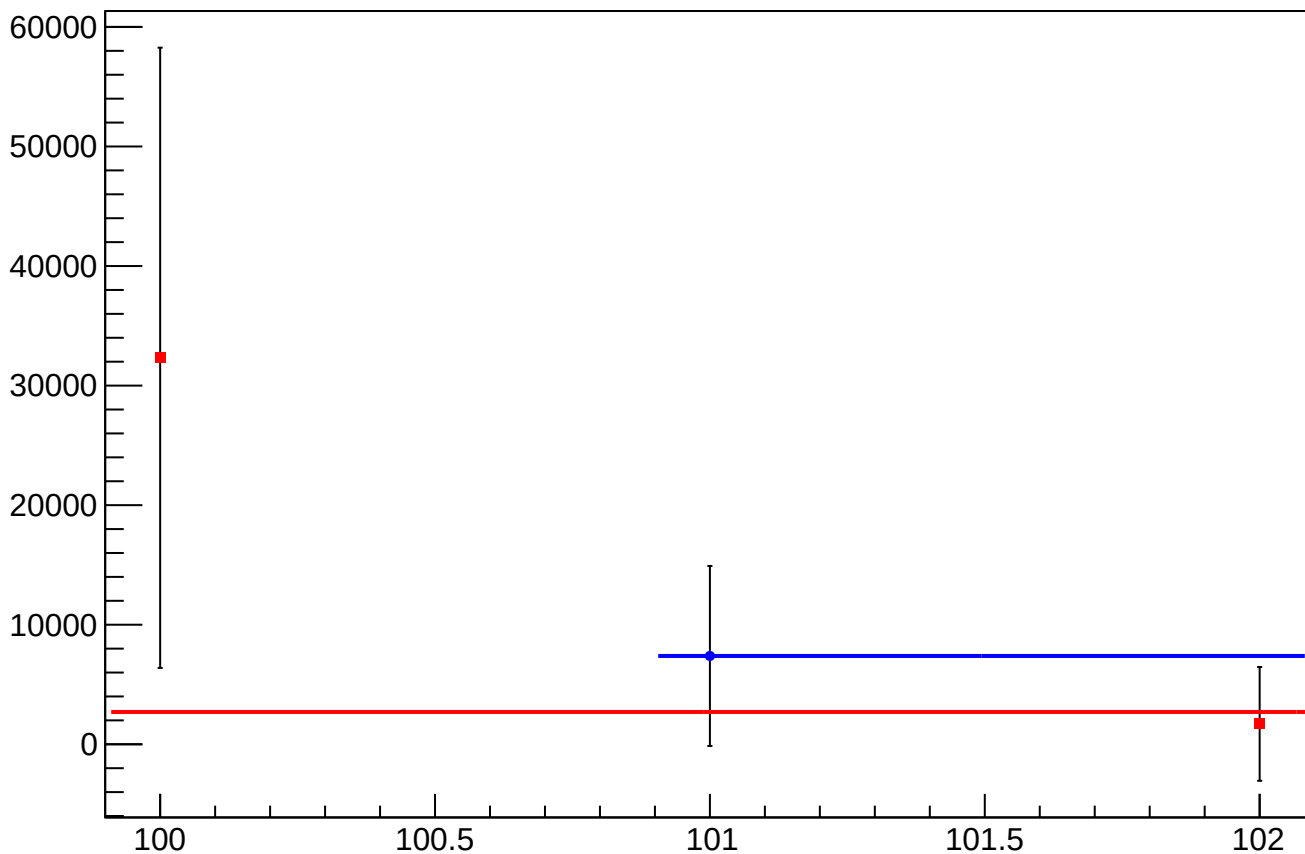
Right: 4256.103+/-2.642 χ^2/NDF : 119734.4/2

In: 5522.217+/-4.882 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4256.103+/-2.642 χ^2/NDF : 119734.4/2

eigen_dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 7387.283+/-7527.414 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2703.710+/-4682.304 χ^2/NDF : 1.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

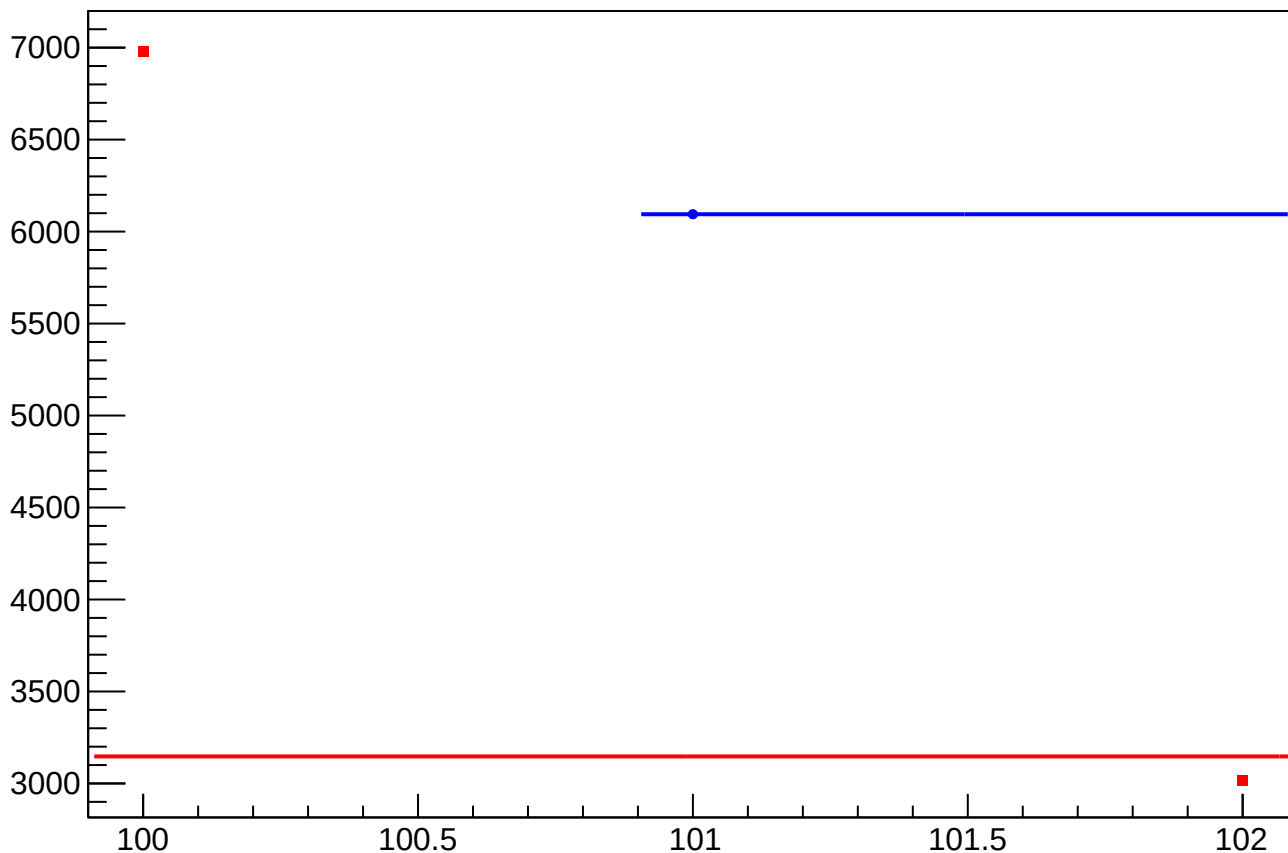
Right: 4010.337+/-3975.878 χ^2/NDF : 1.6/2

In: 7387.283+/-7527.414 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4010.337+/-3975.878 χ^2/NDF : 1.6/2

eigen_dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 6094.331+/-5.323 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3146.970+/-3.311 χ^2/NDF : 45178.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

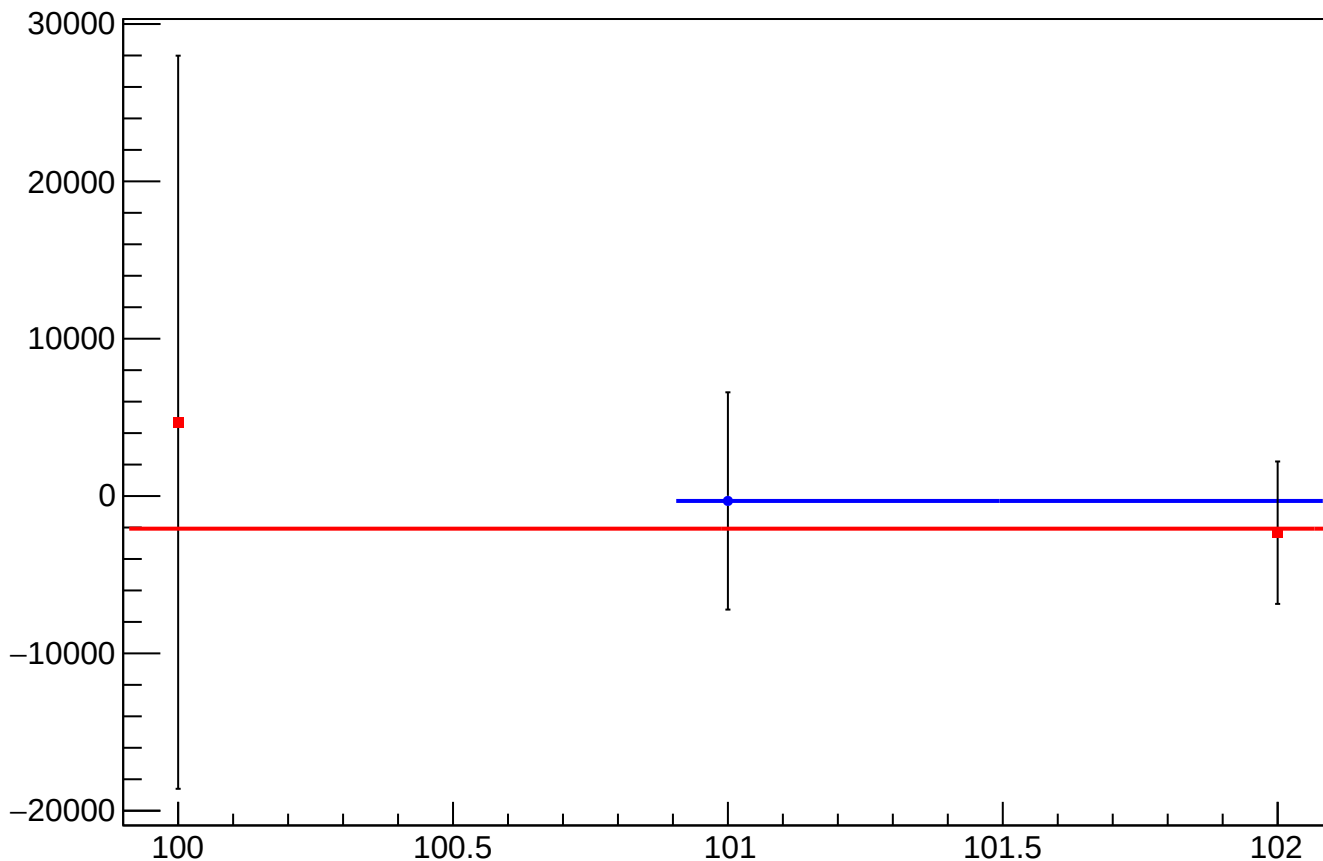
Right: 3969.108+/-2.811 χ^2/NDF : 266271.9/2

In: 6094.331+/-5.323 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3969.108+/-2.811 χ^2/NDF : 266271.9/2

asym_atr_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -311.426+/-6904.667 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2073.348+/-4442.704 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

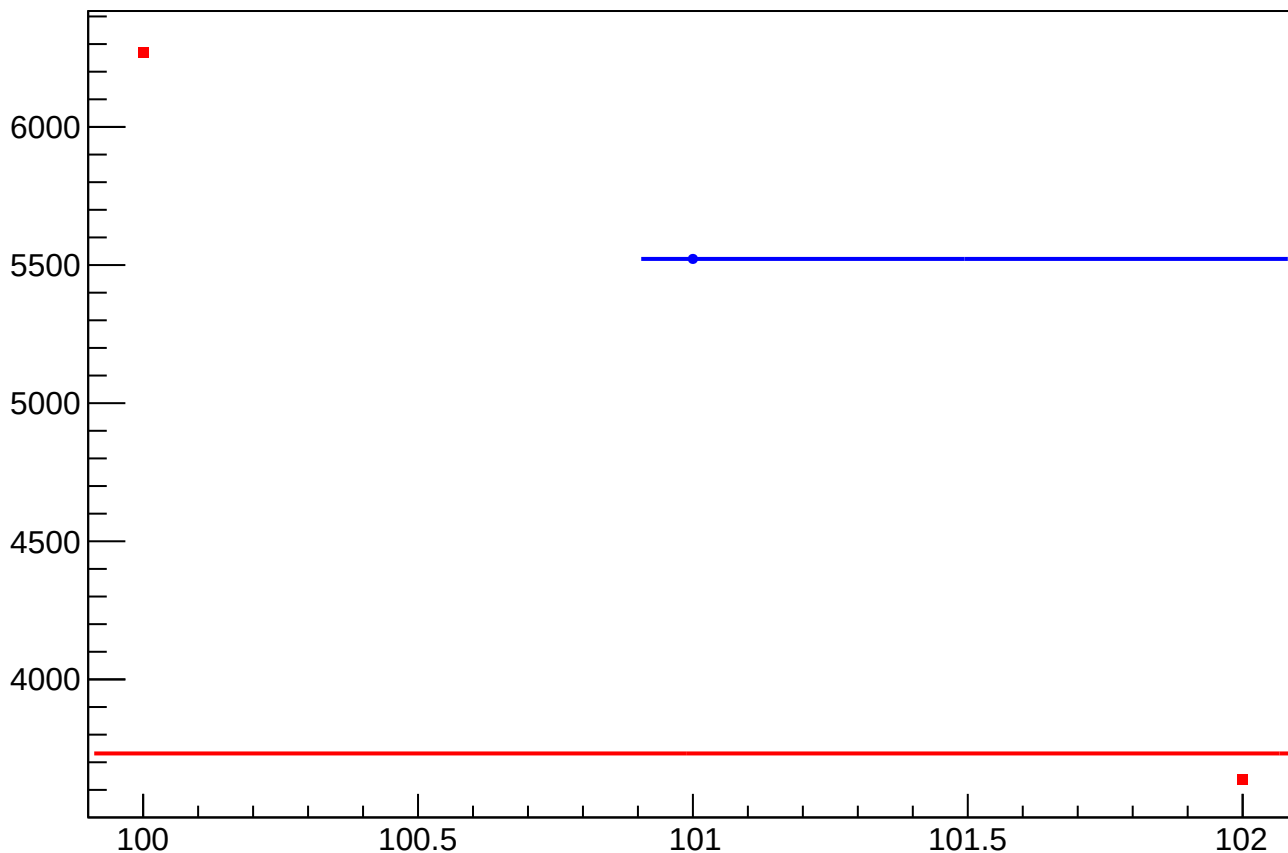
Right: -1557.473+/-3736.125 χ^2/NDF : 0.1/2

In: -311.426+/-6904.667 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1557.473+/-3736.125 χ^2/NDF : 0.1/2

asym_atr_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5522.211+/-4.882 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3731.919+/-3.141 χ^2/NDF : 24643.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

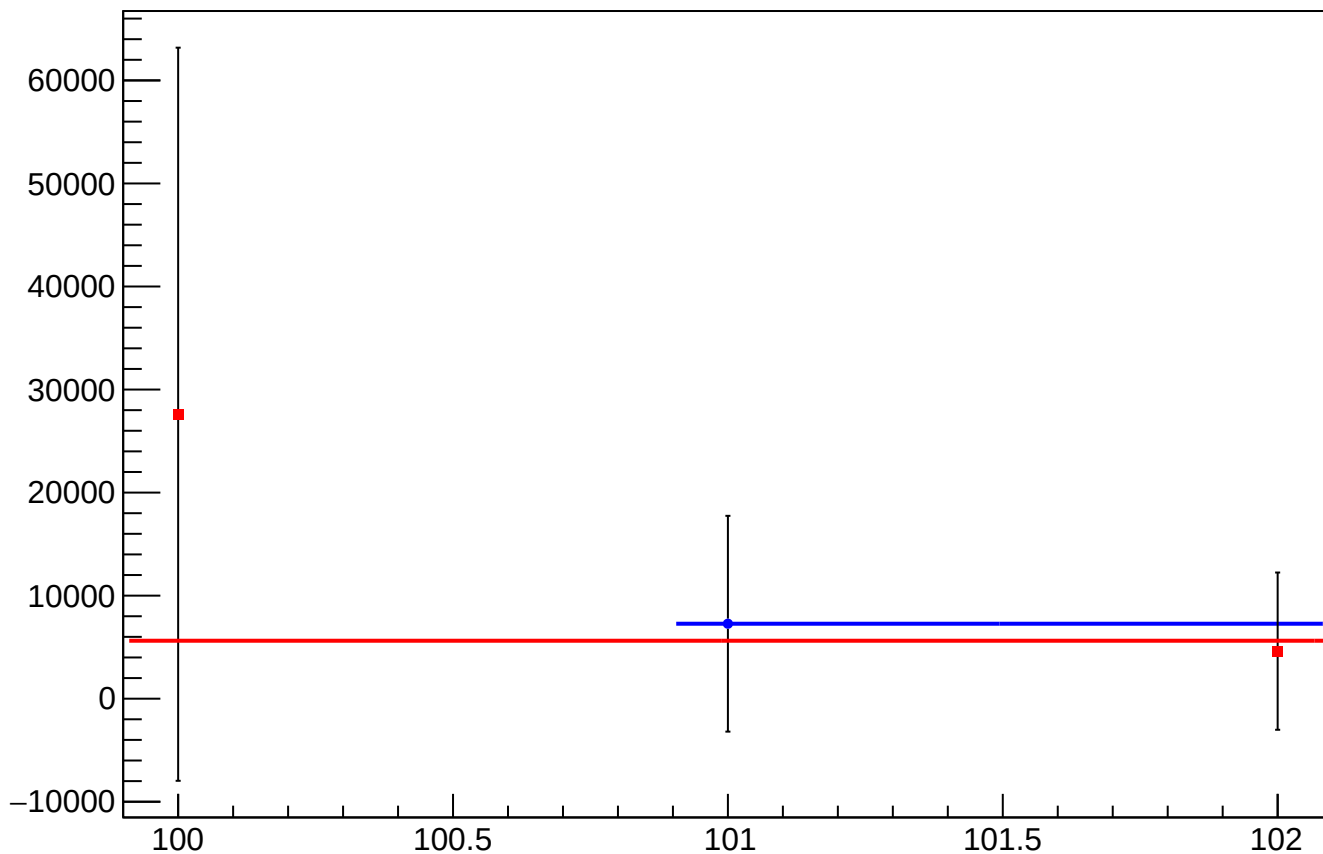
Right: 4256.100+/-2.642 χ^2/NDF : 119734.1/2

In: 5522.211+/-4.882 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4256.100+/-2.642 χ^2/NDF : 119734.1/2

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 7273.953+/-10470.513 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5623.906+/-7460.021 χ^2/NDF : 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

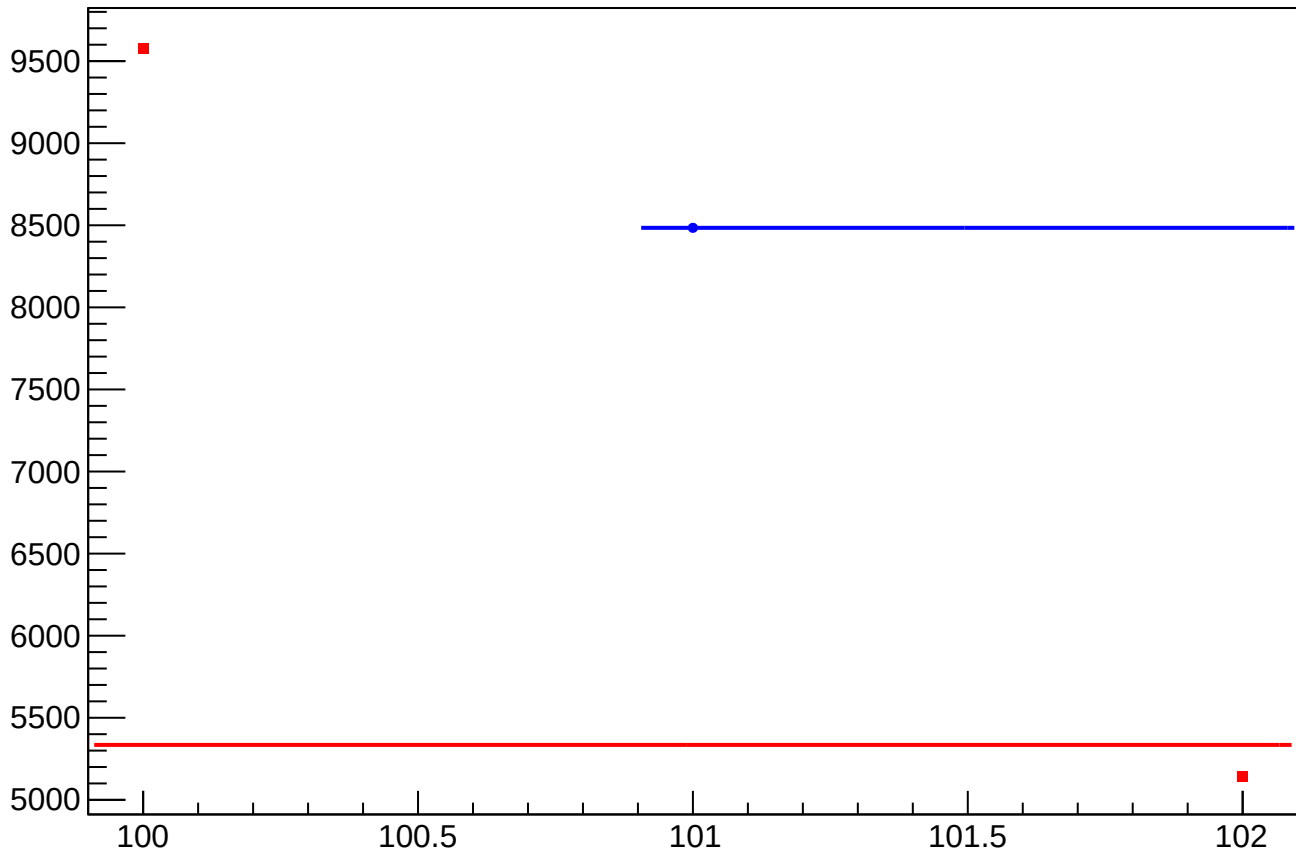
Right: 6179.486+/-6075.656 χ^2/NDF : 0.4/2

In: 7273.953+/-10470.513 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6179.486+/-6075.656 χ^2/NDF : 0.4/2

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 8484.539+/-7.404 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5334.701+/-5.274 χ^2/NDF : 29724.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

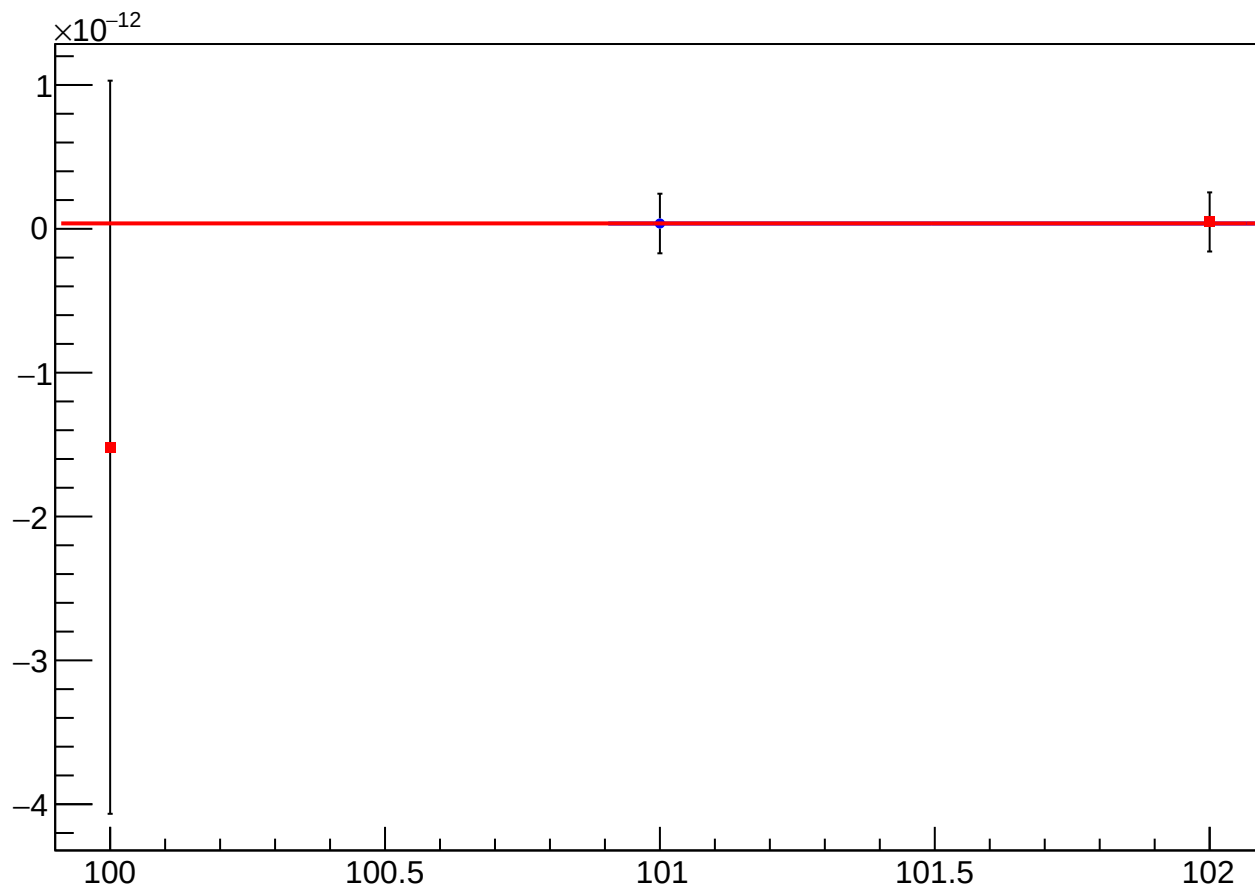
Right: 6394.929+/-4.295 χ^2/NDF : 149798.3/2

In: 8484.539+/-7.404 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6394.929+/-4.295 χ^2/NDF : 149798.3/2

asym_atr_avg_reg_vs_cor_diff_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 : 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

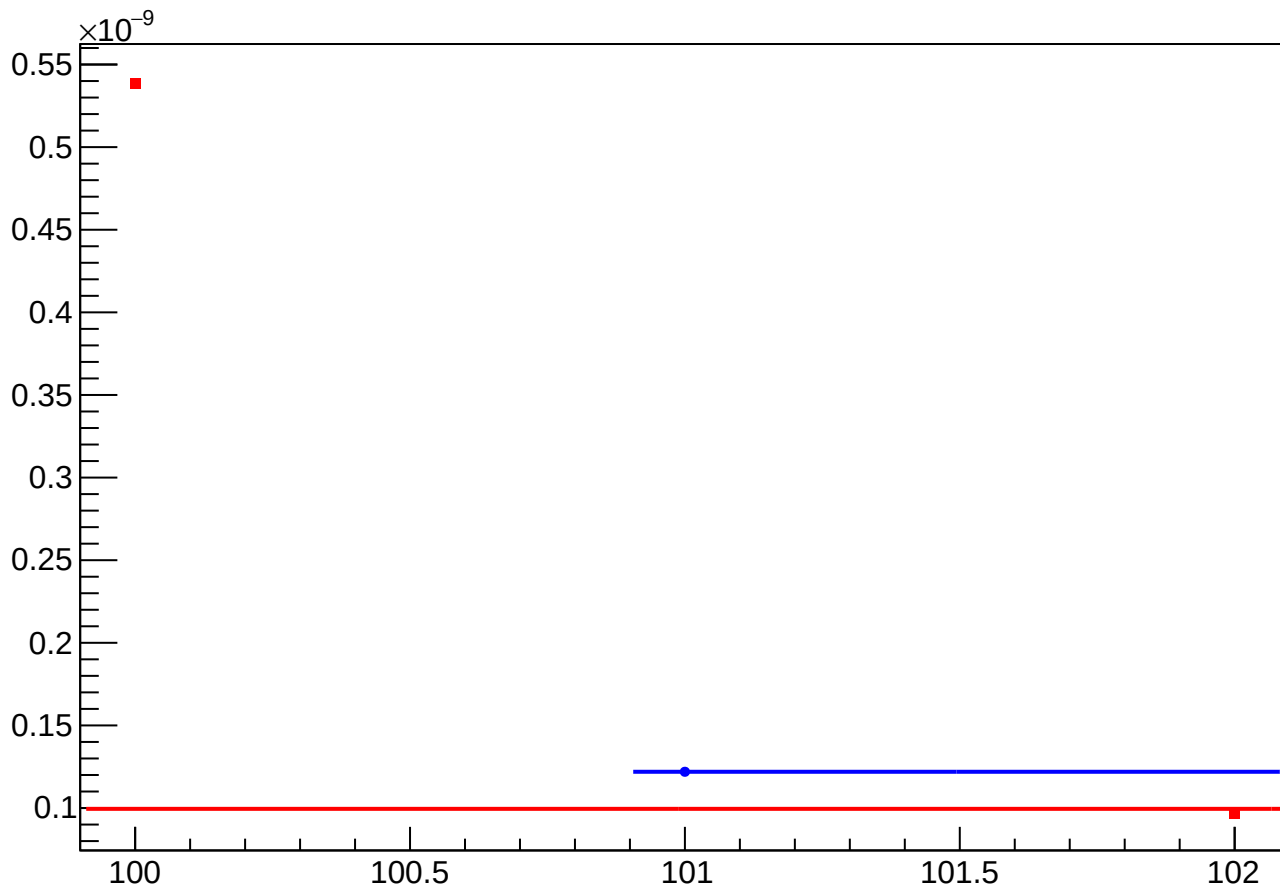
Right: 0.000+/-0.000 χ^2/NDF : 0.4/2

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 : 0.4/2

asym_atr_avg_reg_vs_cor_diff_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 : 59716.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

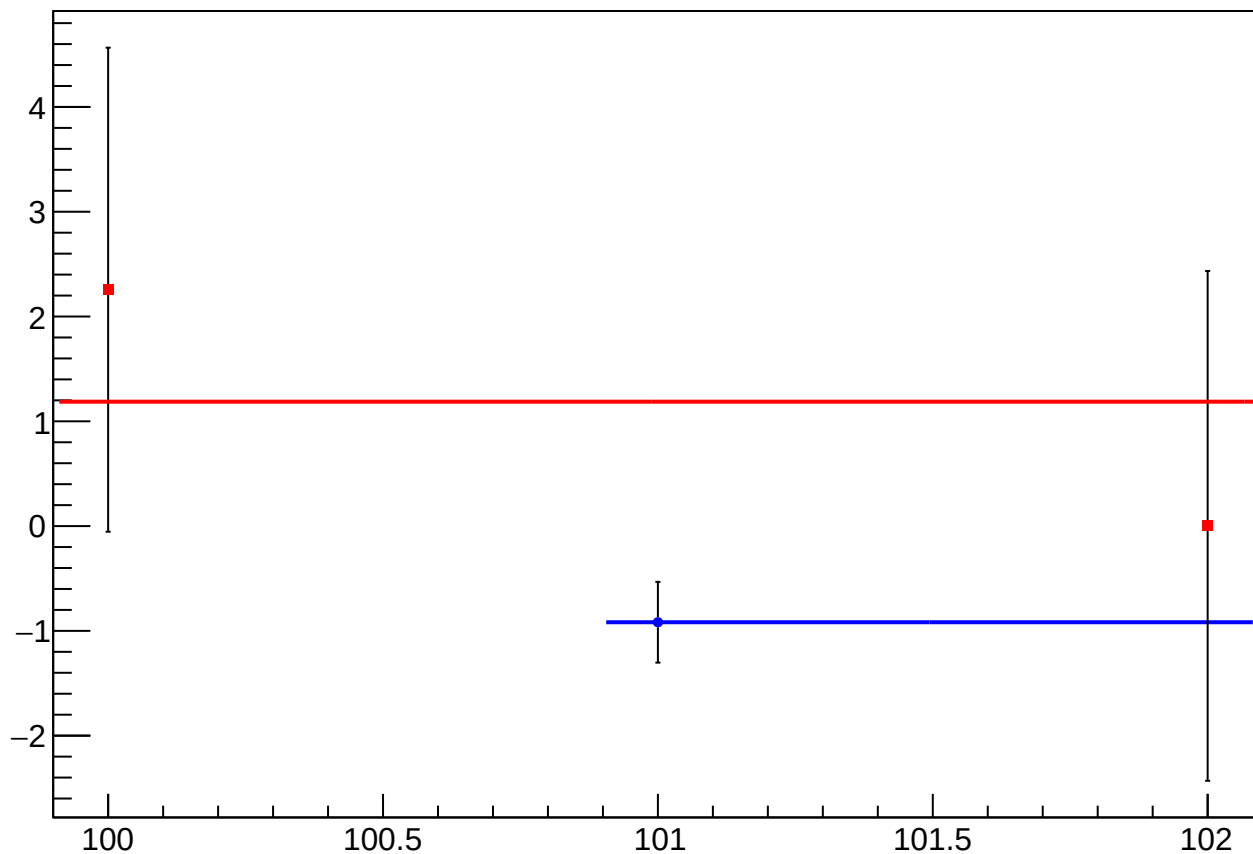
Right: 0.000+/-0.000 χ^2/NDF : 71582.0/2

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 : 71582.0/2

asym_atr_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.918 $\pm$ 0.385 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1.187 $\pm$ 1.675 χ^2/NDF : 0.5/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

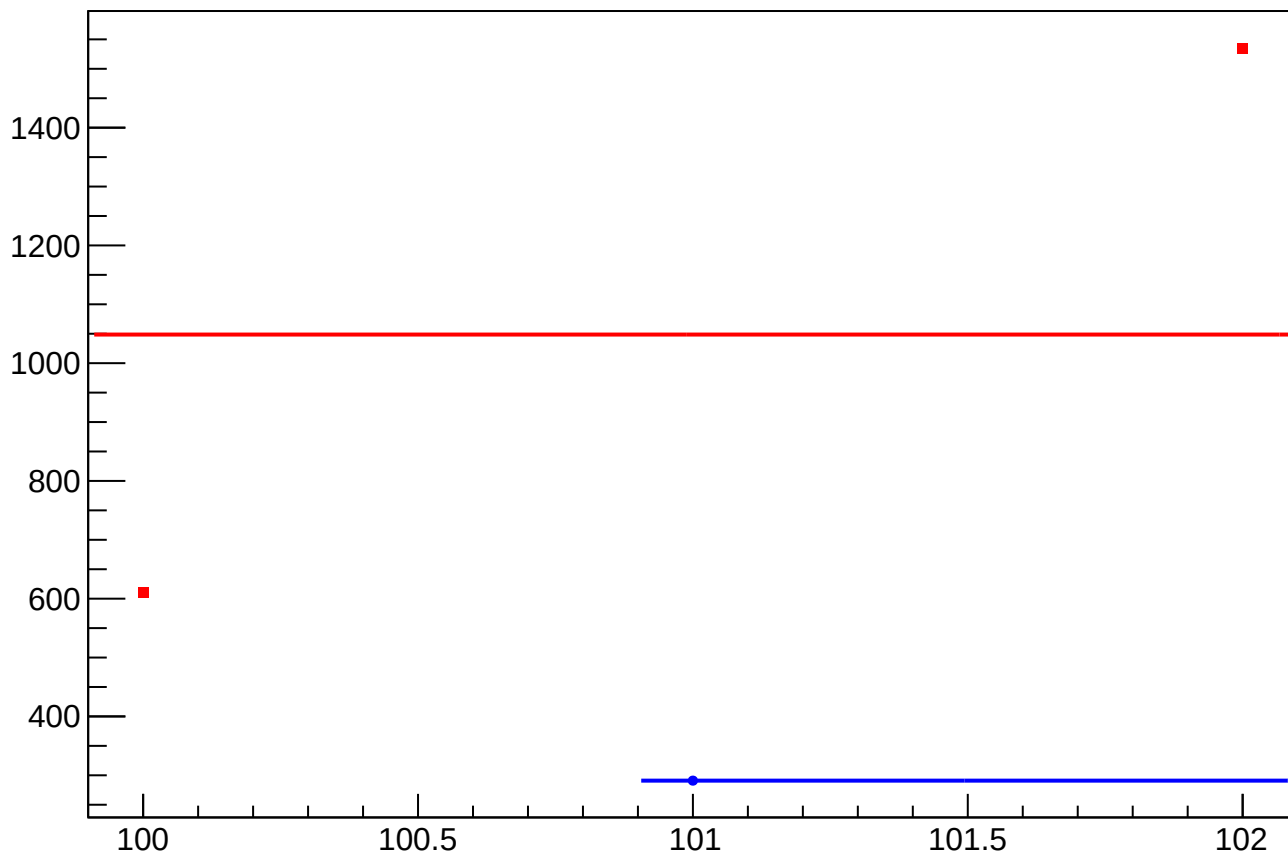
Right: -0.812 $\pm$ 0.376 χ^2/NDF : 2.0/2

In: -0.918 $\pm$ 0.385 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.812 $\pm$ 0.376 χ^2/NDF : 2.0/2

asym_atr_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 290.933+/-0.273 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1048.607+/-1.184 χ^2/NDF : 151508.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

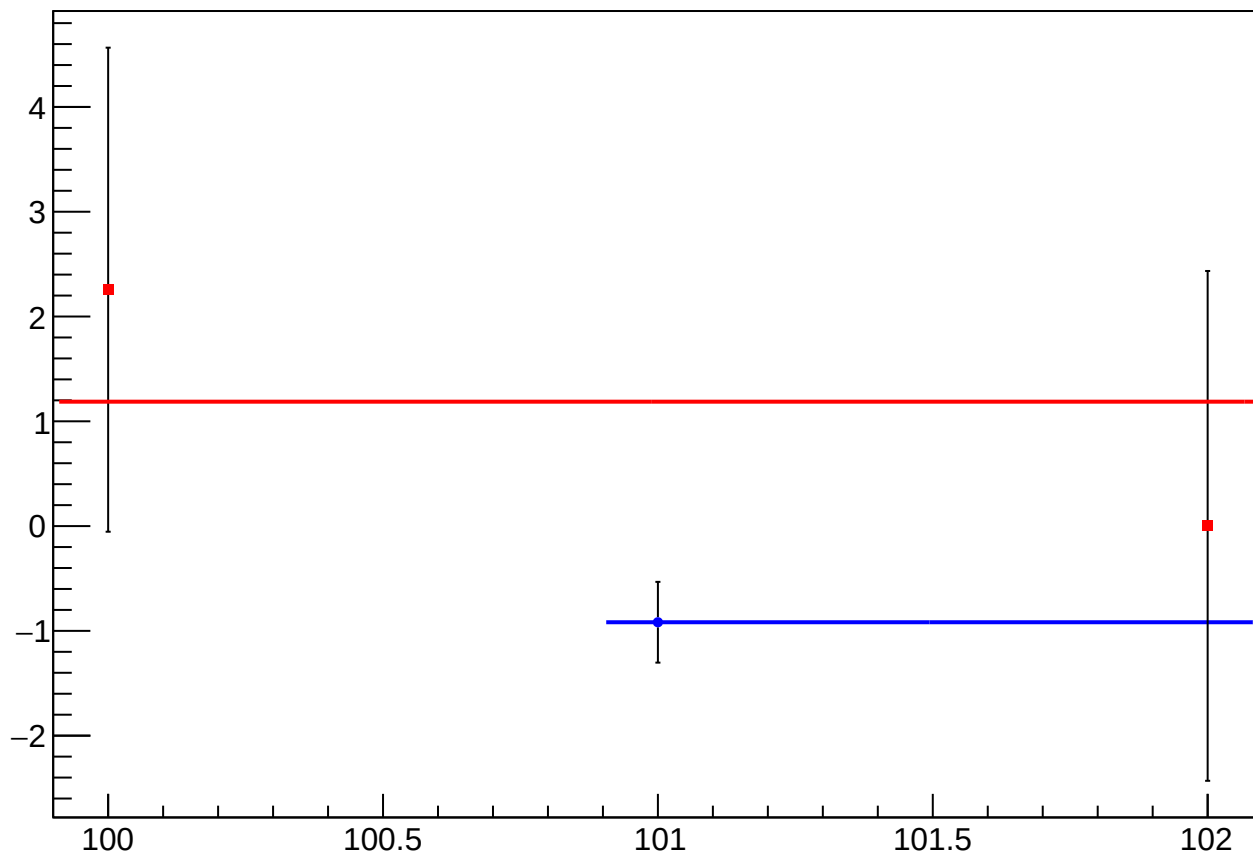
Right: 329.025+/-0.266 χ^2/NDF : 540150.7/2

In: 290.933+/-0.273 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 329.025+/-0.266 χ^2/NDF : 540150.7/2

asym_atr_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.918+/-0.385 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.187+/-1.675 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

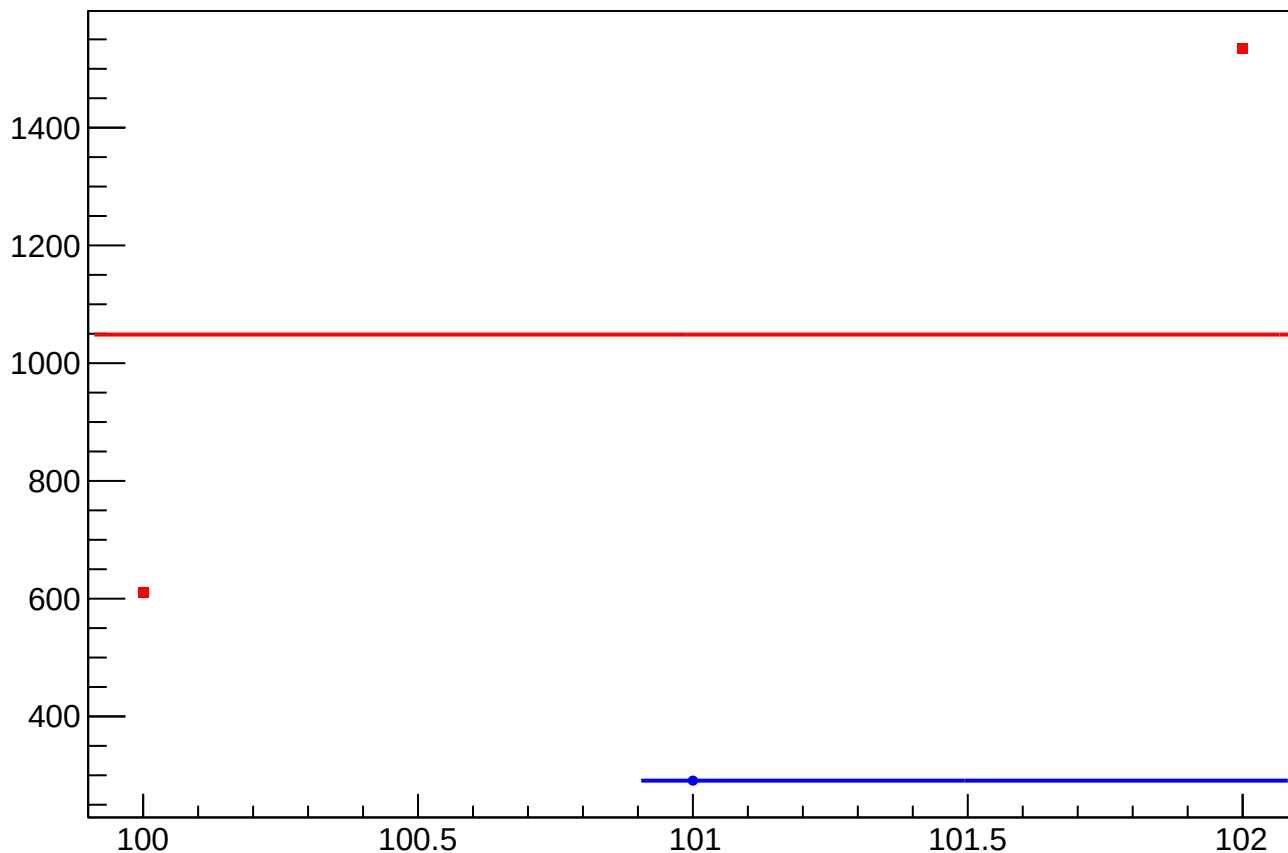
Right: -0.812+/-0.376 χ^2/NDF : 2.0/2

In: -0.918+/-0.385 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.812+/-0.376 χ^2/NDF : 2.0/2

asym_atr_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 290.933+/-0.273 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1048.607+/-1.184 χ^2/NDF : 151508.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

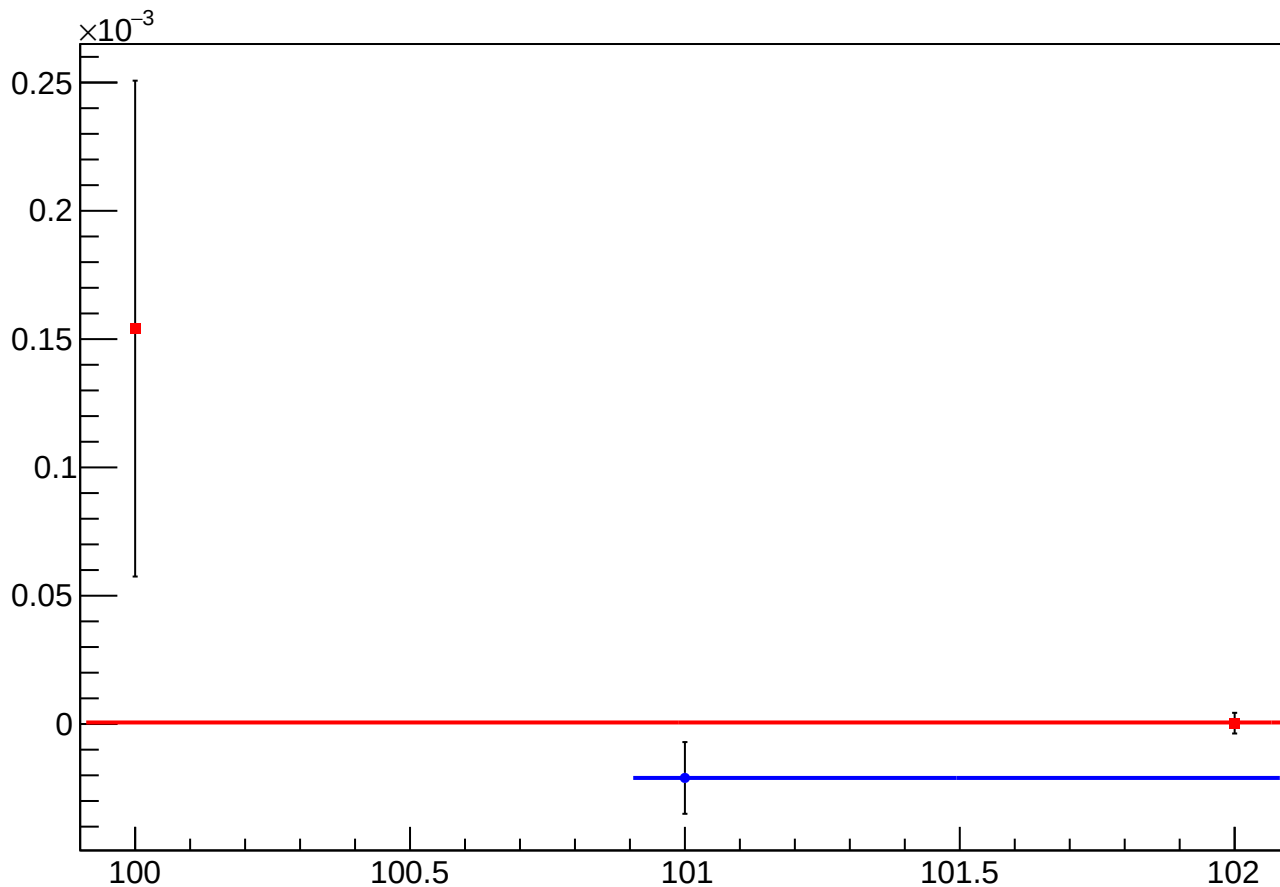
Right: 329.025+/-0.266 χ^2/NDF : 540150.7/2

In: 290.933+/-0.273 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 329.025+/-0.266 χ^2/NDF : 540150.7/2

asym_atr_avg_eigen_dit_vs_dit_diff_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 : 2.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

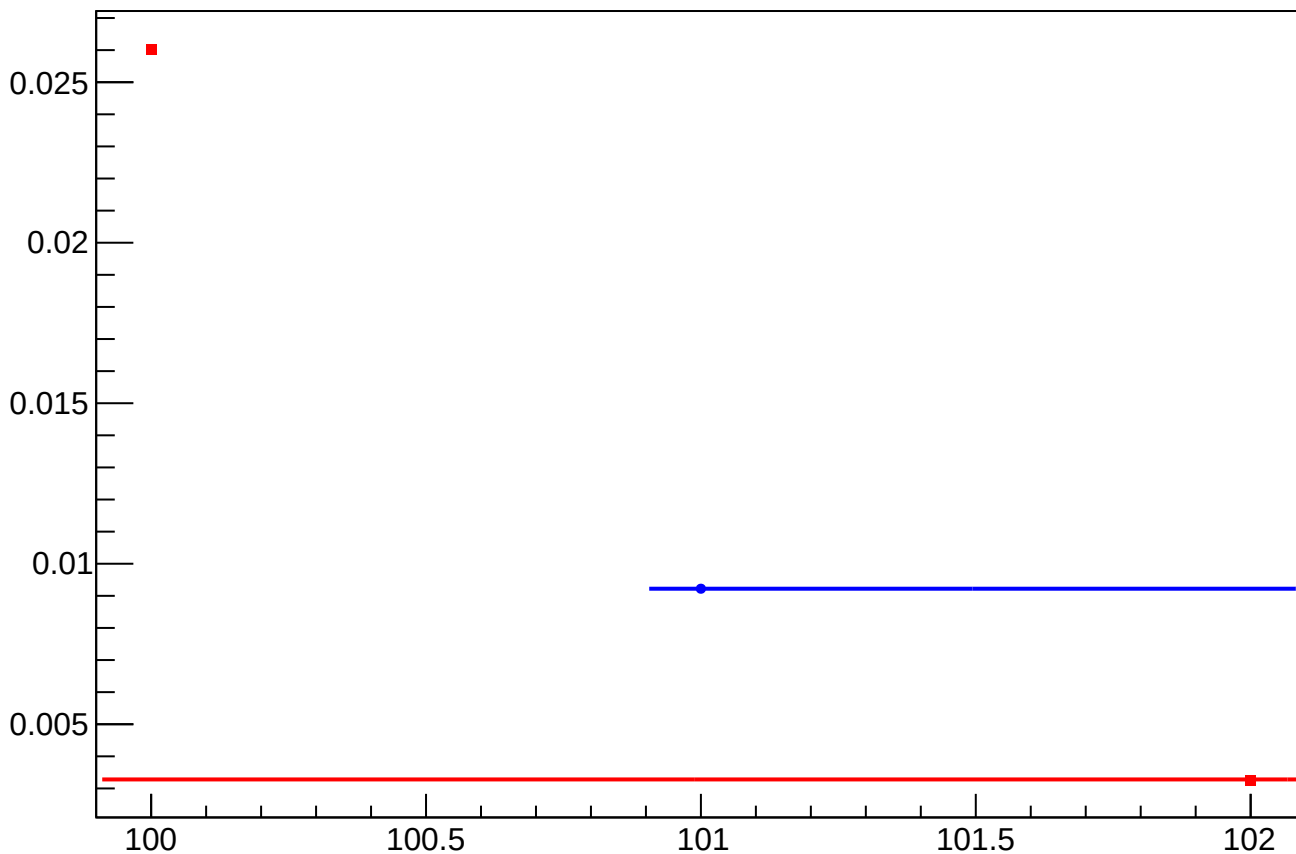
Right: -0.000+/-0.000 χ^2/NDF : 4.7/2

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 : 4.7/2

asym_atr_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 110842.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

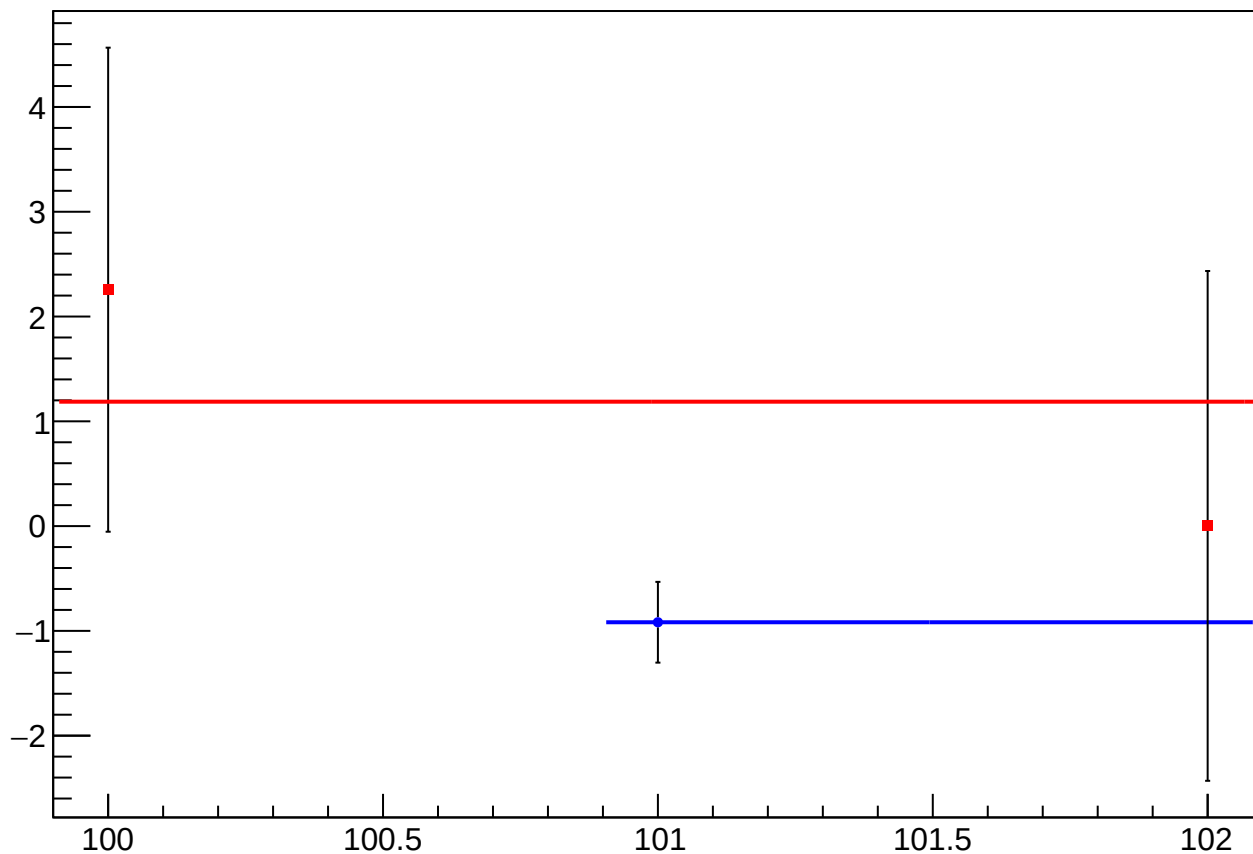
Right: 0.004+/-0.000 χ^2/NDF : 444560.6/2

In: 0.009+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 444560.6/2

asym_atr_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.918 ± 0.385 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1.187 ± 1.675 $\chi^2/\text{NDF}: 0.5/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

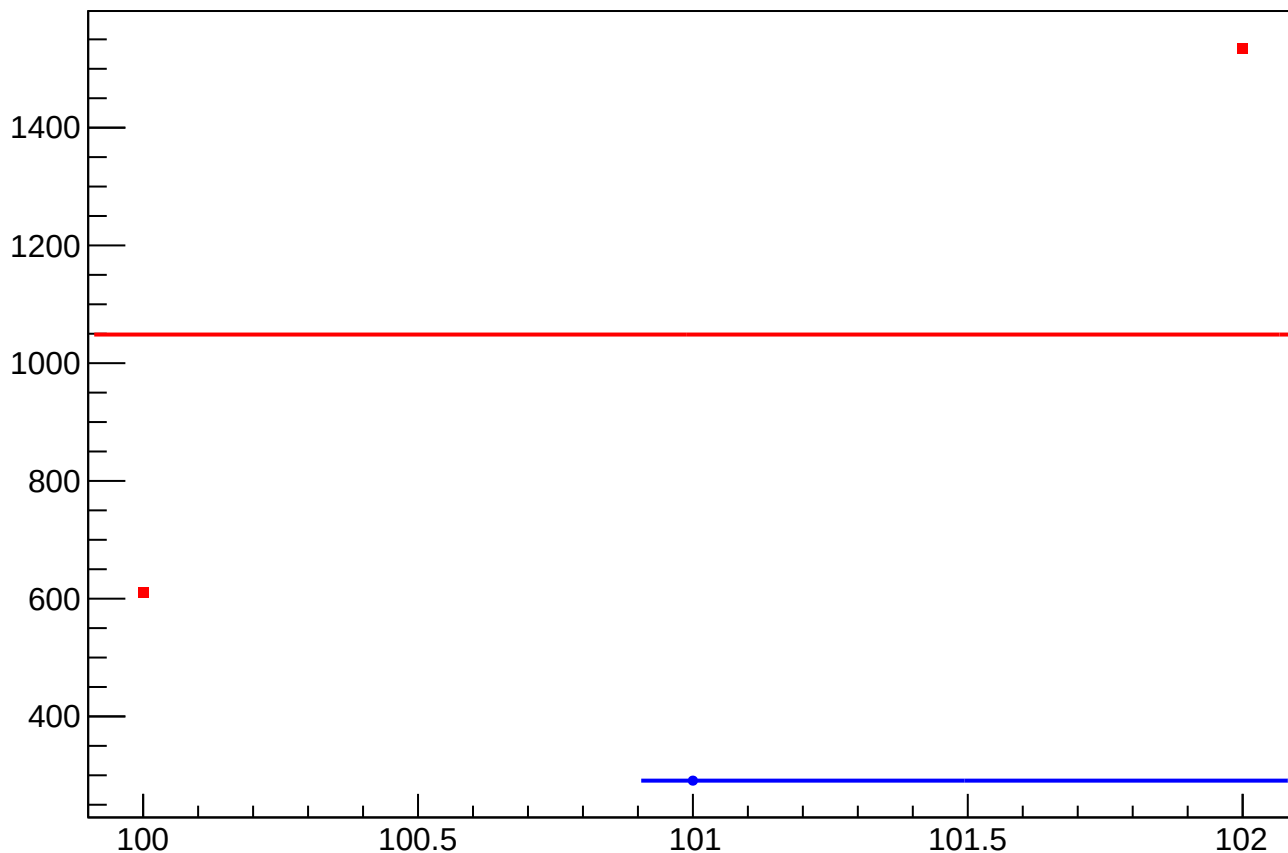
Right: -0.812 ± 0.376 $\chi^2/\text{NDF}: 2.0/2$

In: -0.918 ± 0.385 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.812 ± 0.376 $\chi^2/\text{NDF}: 2.0/2$

asym_atr_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 290.934+/-0.273 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1048.629+/-1.184 χ^2/NDF : 151497.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

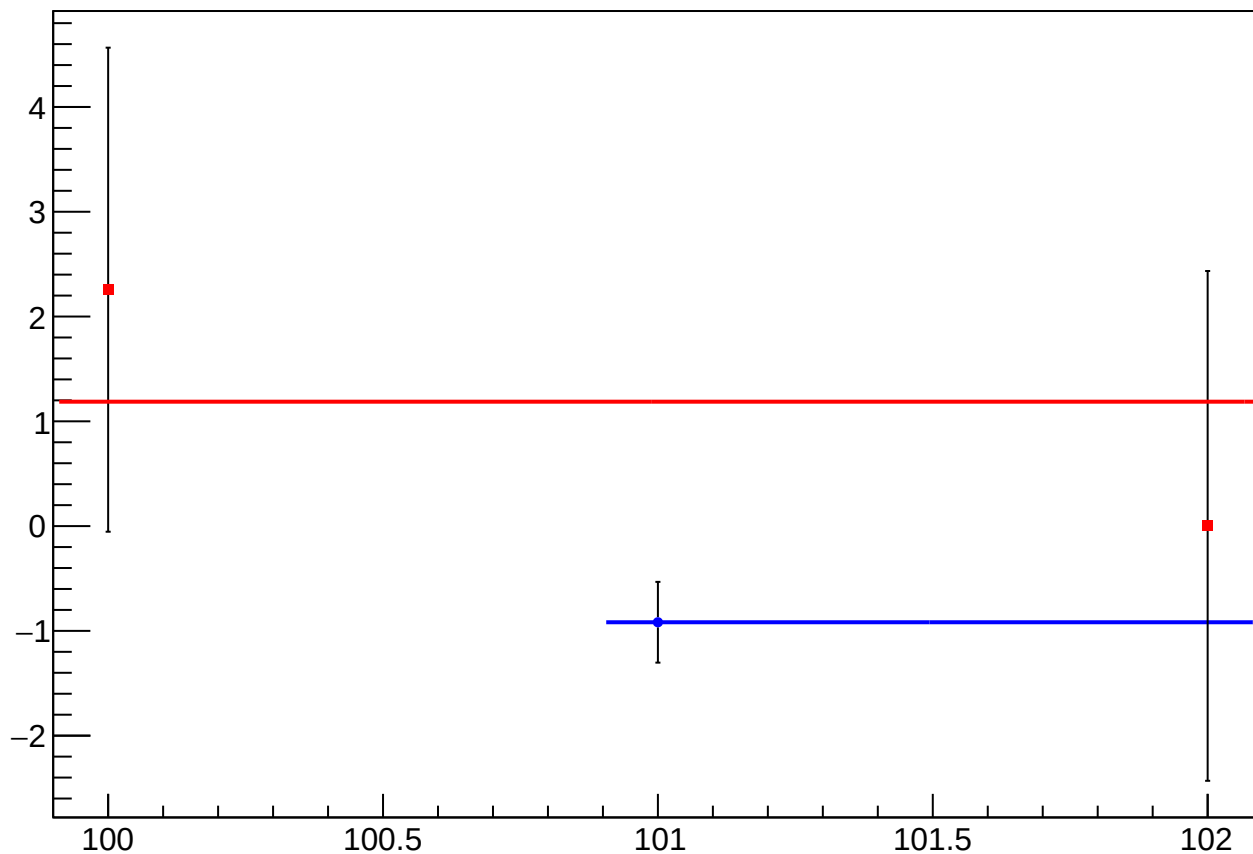
Right: 329.026+/-0.266 χ^2/NDF : 540149.8/2

In: 290.934+/-0.273 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 329.026+/-0.266 χ^2/NDF : 540149.8/2

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.918+/-0.385 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.187+/-1.675 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

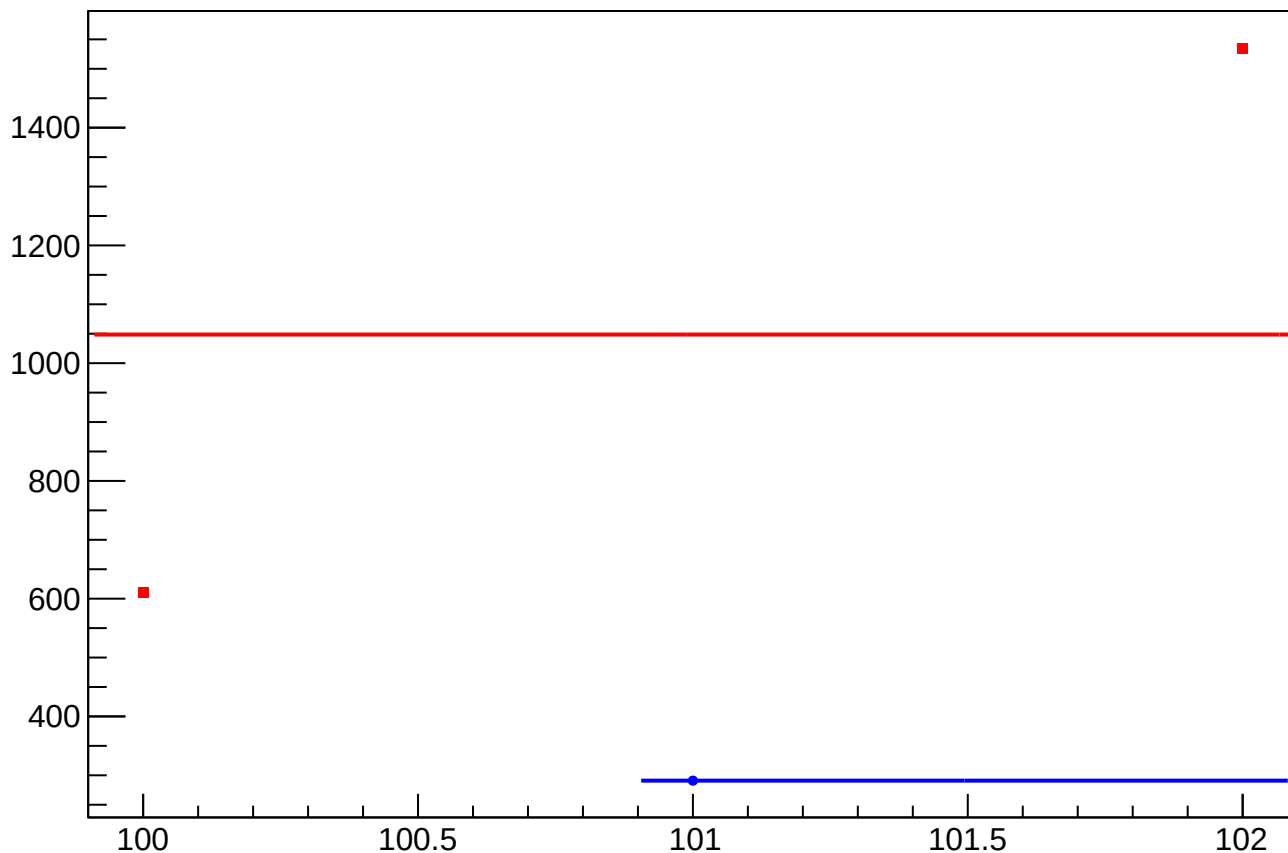
Right: -0.812+/-0.376 χ^2/NDF : 2.0/2

In: -0.918+/-0.385 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.812+/-0.376 χ^2/NDF : 2.0/2

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 290.934+/-0.273 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1048.629+/-1.184 χ^2/NDF : 151497.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

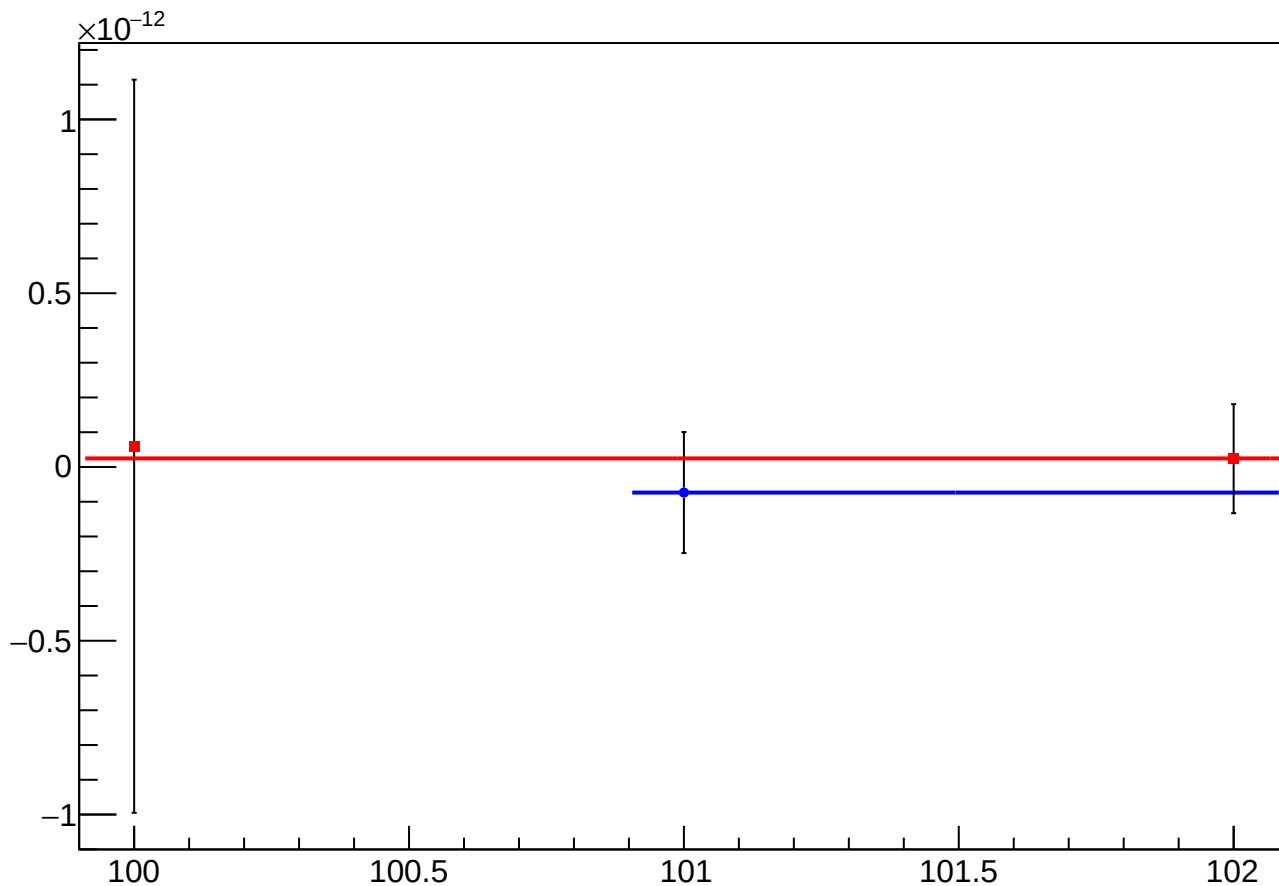
Right: 329.026+/-0.266 χ^2/NDF : 540149.8/2

In: 290.934+/-0.273 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 329.026+/-0.266 χ^2/NDF : 540149.8/2

asym_atr_avg_eigen_cor_vs_cor_diff_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 : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

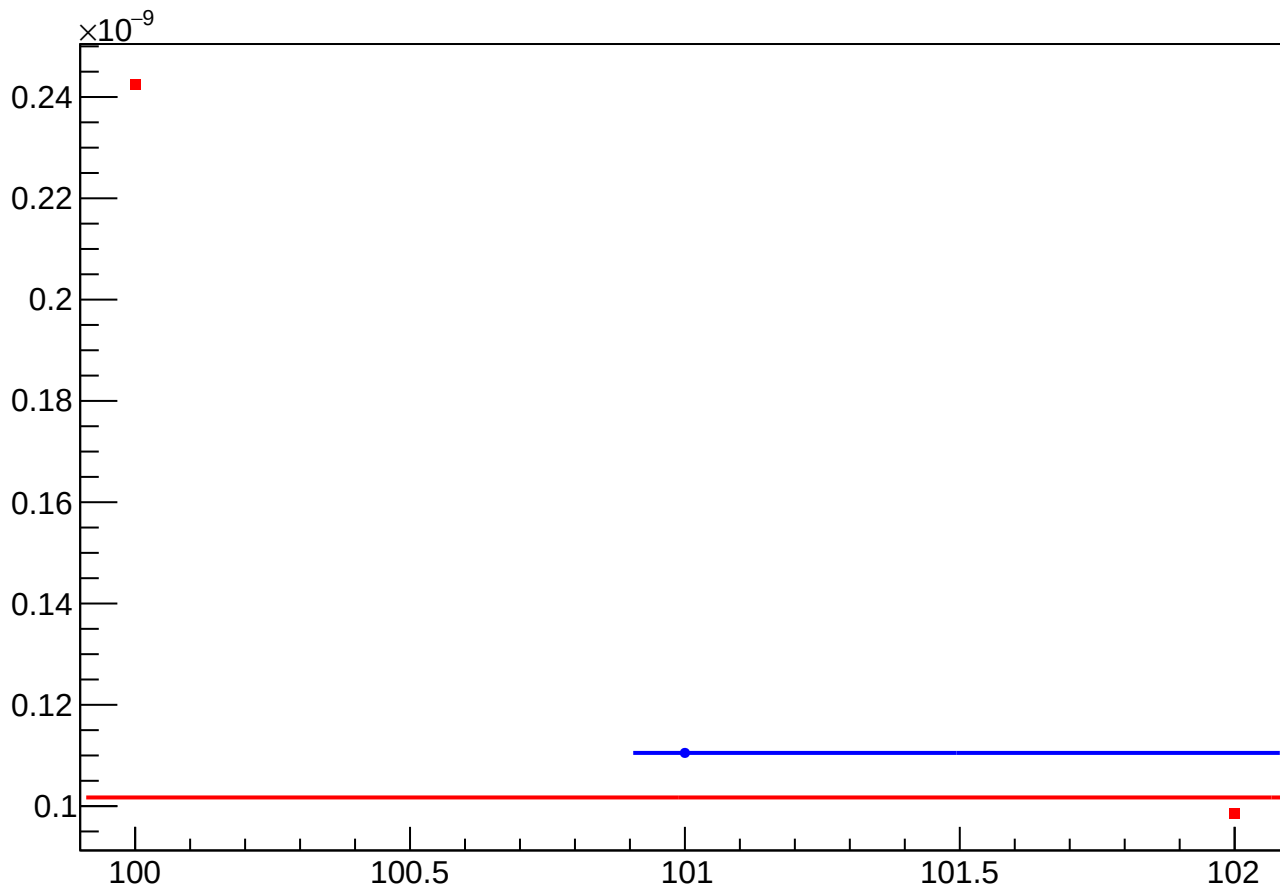
Right: -0.000+/-0.000 χ^2/NDF : 0.2/2

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 : 0.2/2

asym_atr_avg_eigen_cor_vs_cor_diff_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 : 36414.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

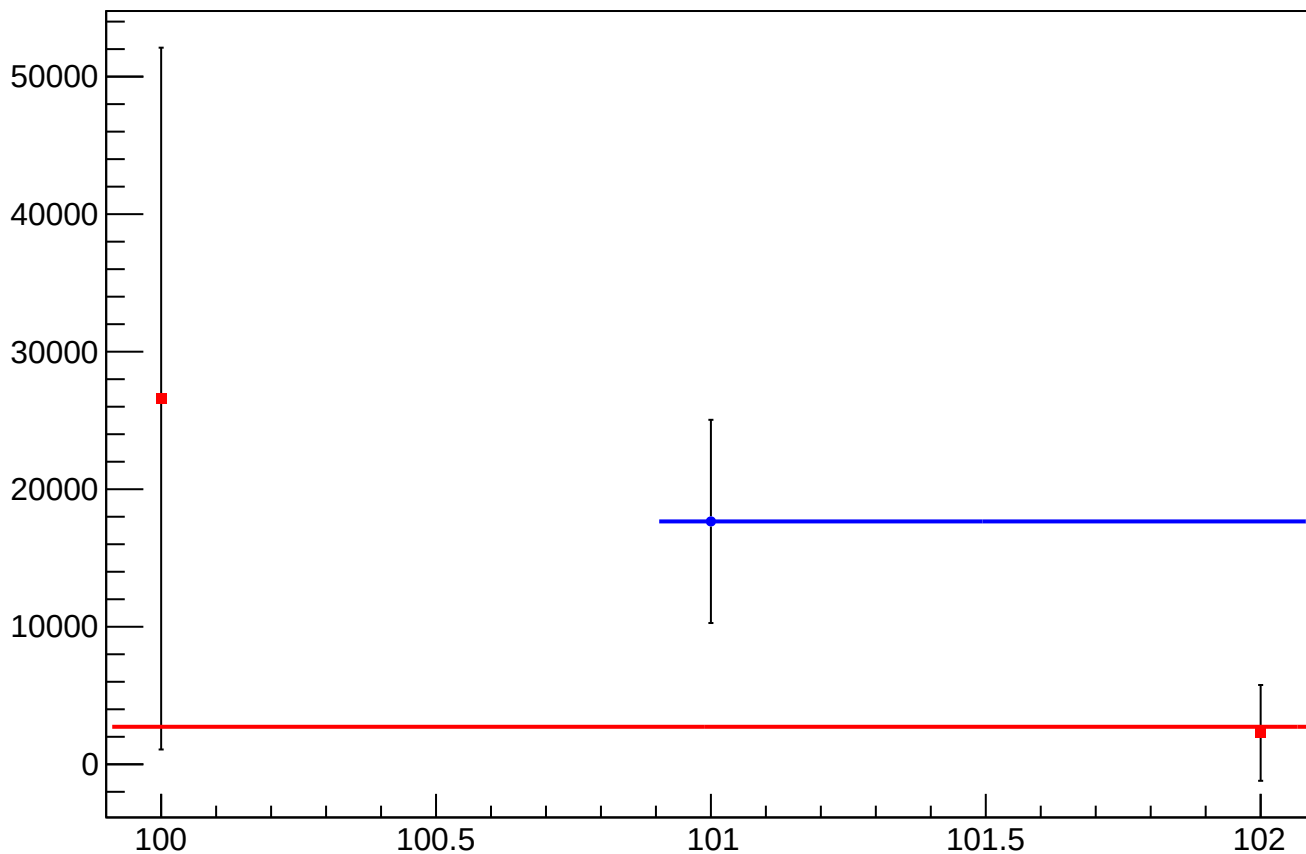
Right: 0.000+/-0.000 χ^2/NDF : 39257.7/2

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 : 39257.7/2

reg_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: 17659.503+/-7386.971 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2727.998+/-3450.742 χ^2/NDF : 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

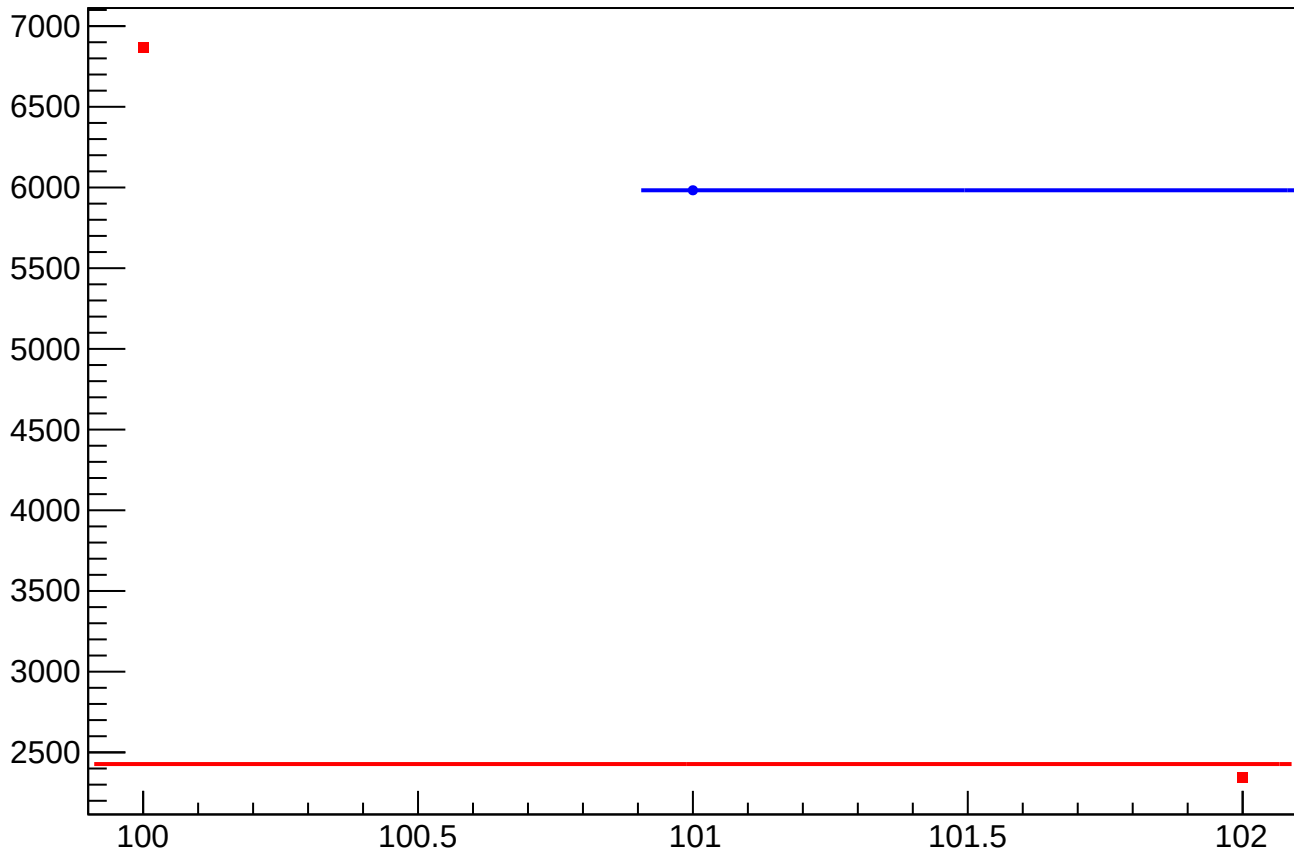
Right: 5402.670+/-3126.438 χ^2/NDF : 4.2/2

In: 17659.503+/-7386.971 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5402.670+/-3126.438 χ^2/NDF : 4.2/2

reg_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 5982.749+/-5.223 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2427.630+/-2.440 χ^2/NDF : 61677.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

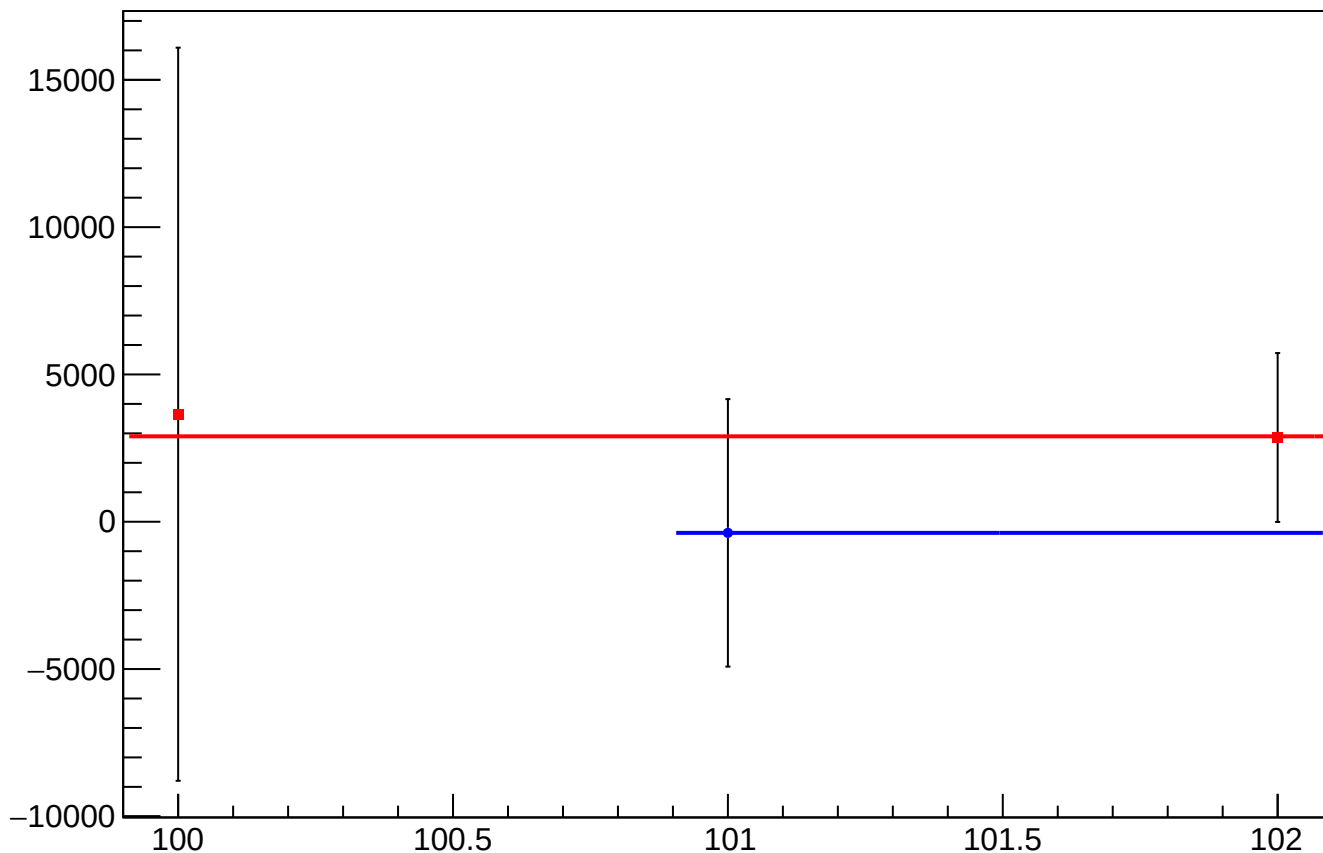
Right: 3064.394+/-2.211 χ^2/NDF : 441945.1/2

In: 5982.749+/-5.223 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3064.394+/-2.211 χ^2/NDF : 441945.1/2

asym_atr_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -377.711+/-4540.229 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2899.380+/-2793.527 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

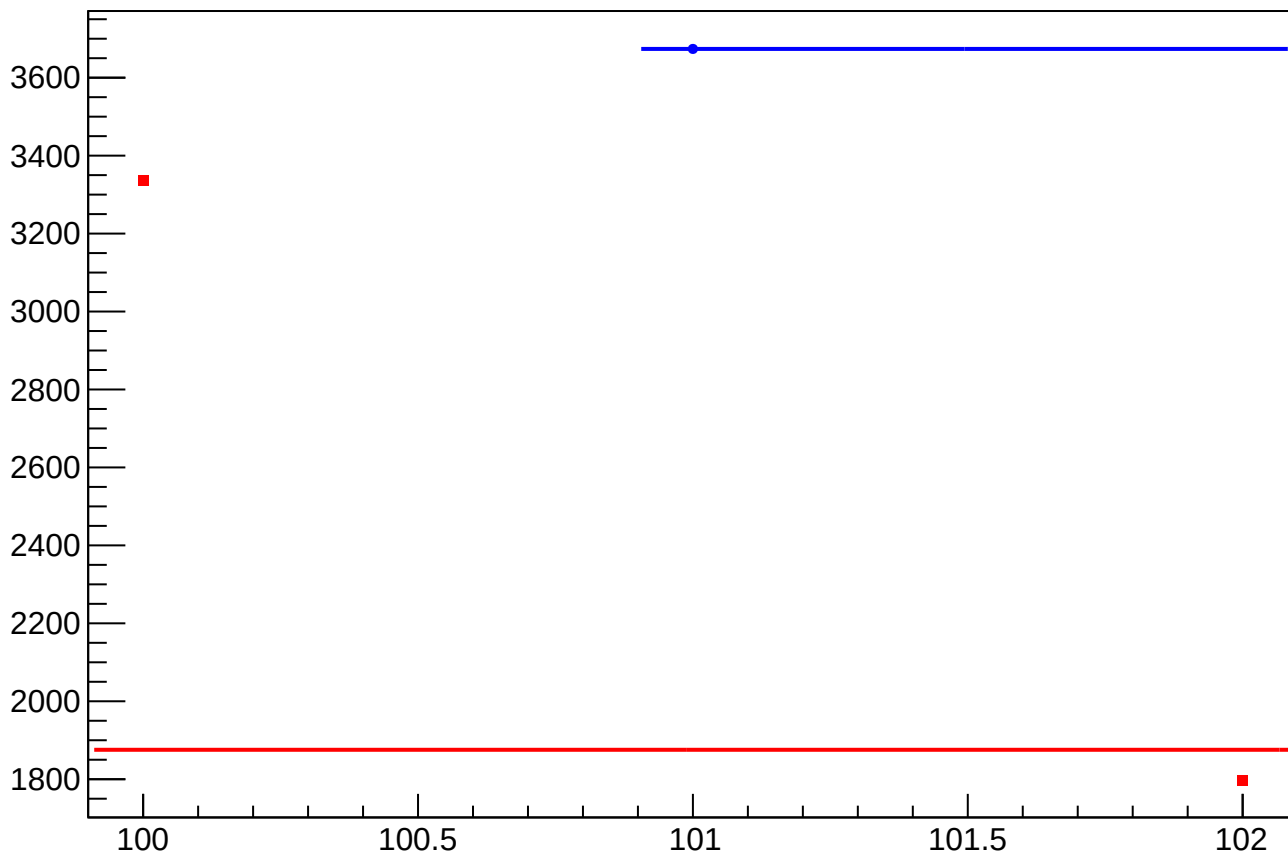
Right: 1999.450+/-2379.238 χ^2/NDF : 0.4/2

In: -377.711+/-4540.229 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1999.450+/-2379.238 χ^2/NDF : 0.4/2

asym_atr_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3673.812 $\pm$ 3.210 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1875.526 $\pm$ 1.975 χ^2 /NDF: 29035.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

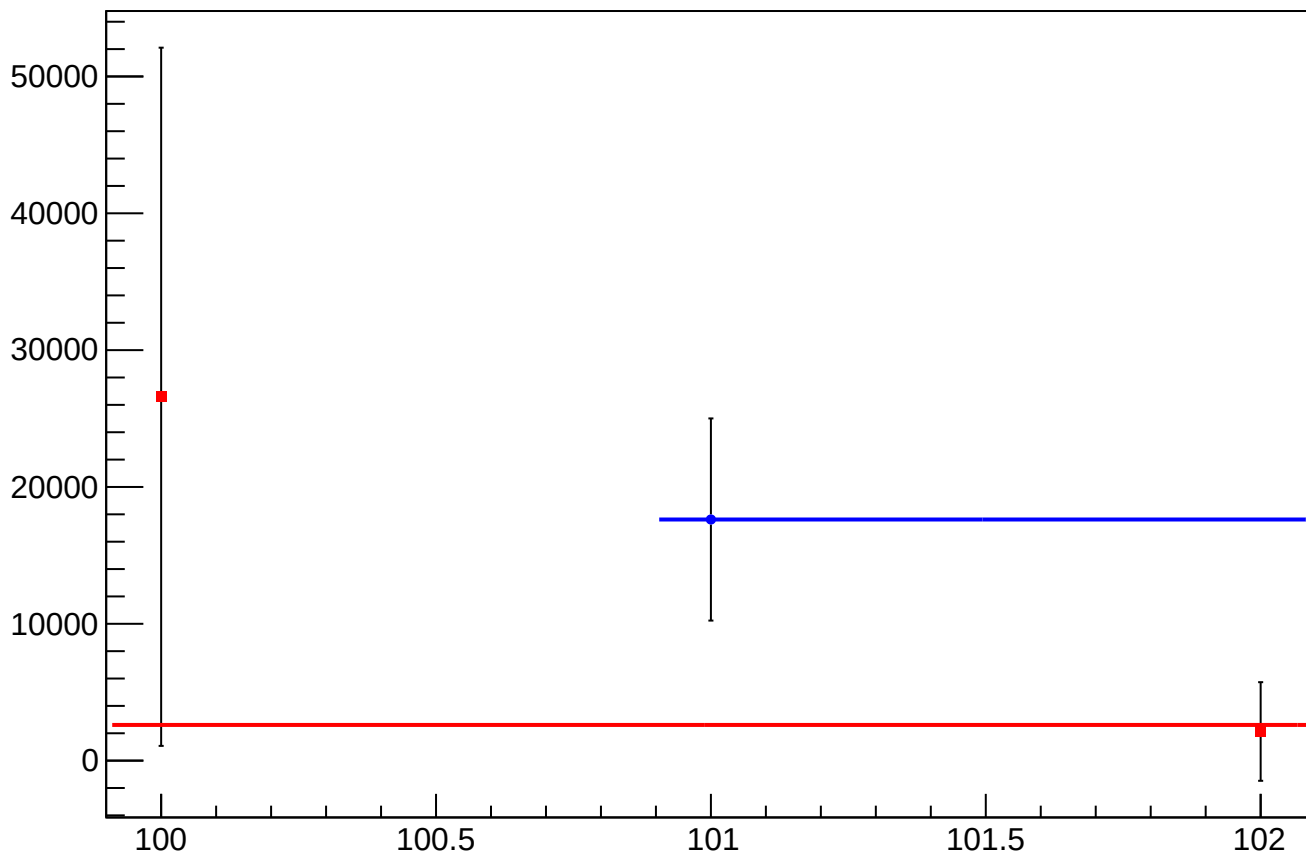
Right: 2369.358 $\pm$ 1.682 χ^2 /NDF: 256630.0/2

In: 3673.812 $\pm$ 3.210 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2369.358 $\pm$ 1.682 χ^2 /NDF: 256630.0/2

cor_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: 17622.184+/-7387.002 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2608.354+/-3568.337 χ^2/NDF : 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

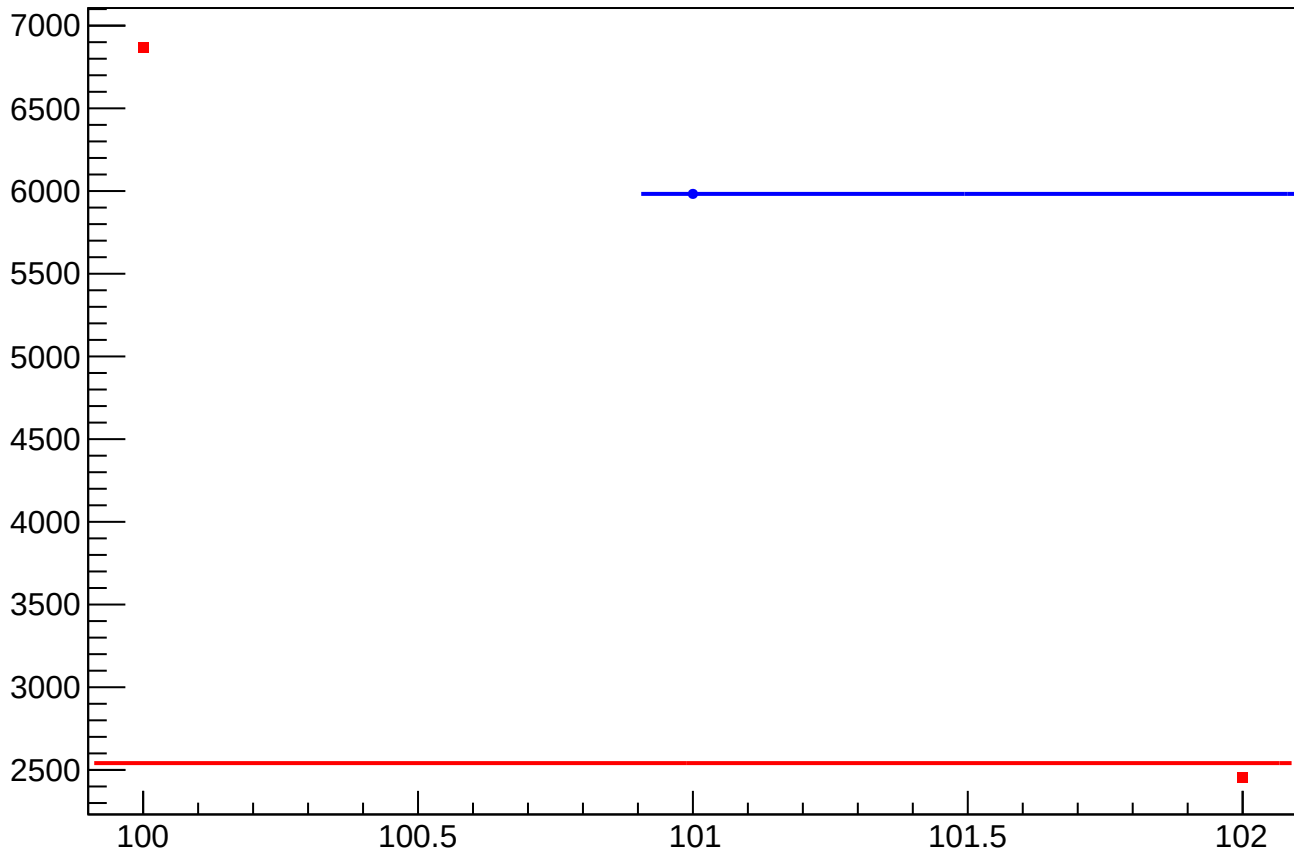
Right: 5448.907+/-3213.097 χ^2/NDF : 4.3/2

In: 17622.184+/-7387.002 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5448.907+/-3213.097 χ^2/NDF : 4.3/2

cor_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 5982.766 $\pm$ 5.223 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 2541.335 $\pm$ 2.523 χ^2/NDF : 58634.1/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

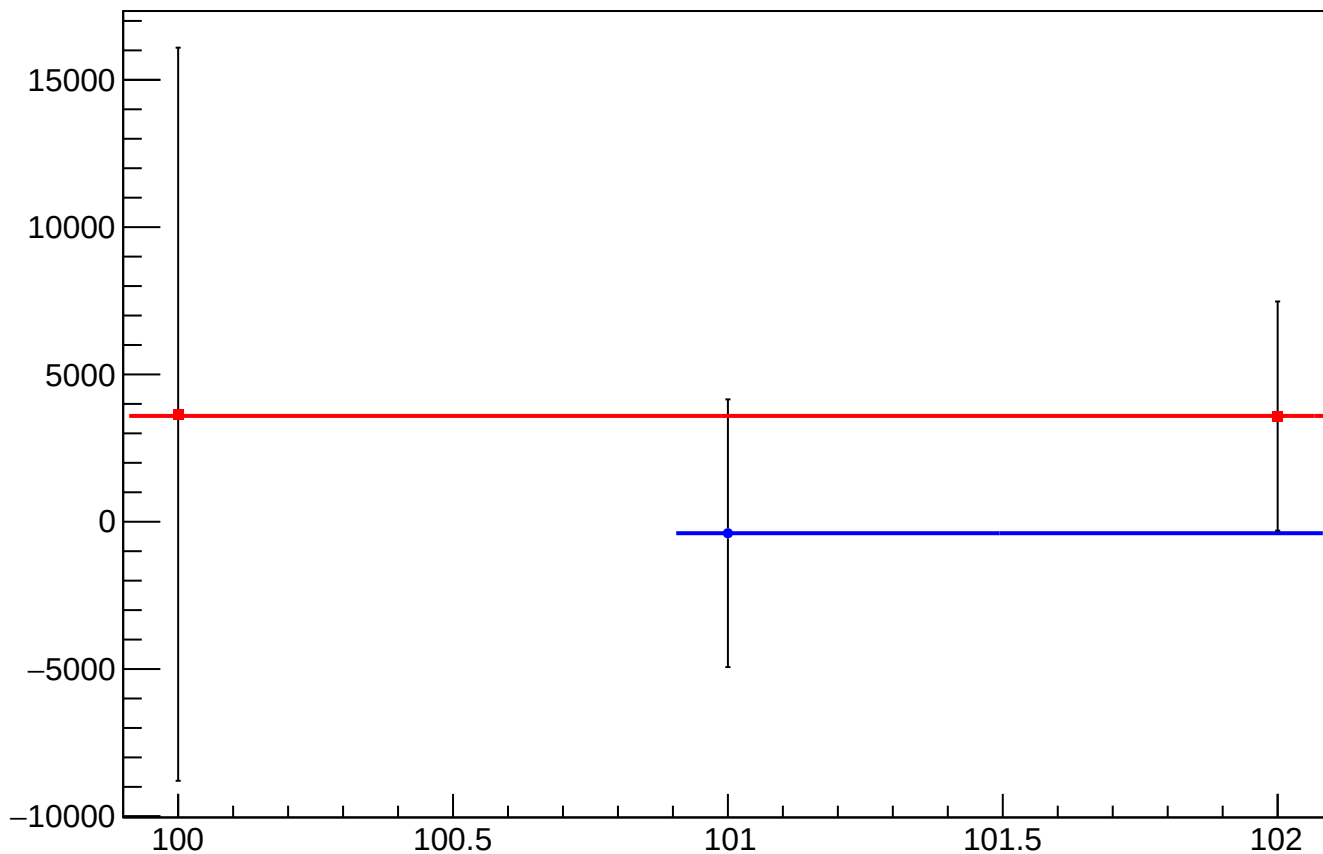
Right: 3192.371 $\pm$ 2.272 χ^2/NDF : 410598.2/2

In: 5982.766 $\pm$ 5.223 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 3192.371 $\pm$ 2.272 χ^2/NDF : 410598.2/2

asym_atr_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -389.400+/-4543.586 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3592.212+/-3713.125 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

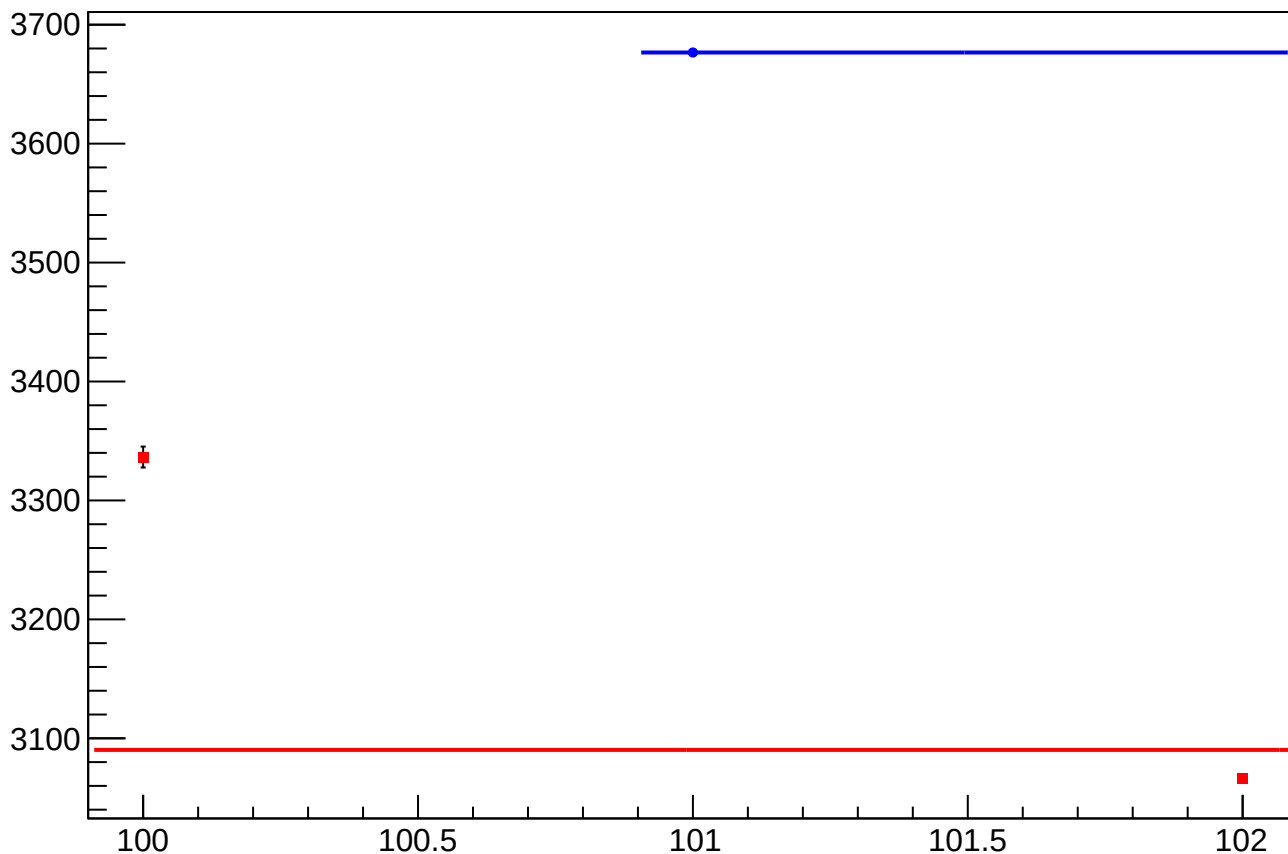
Right: 1997.866+/-2875.150 χ^2/NDF : 0.5/2

In: -389.400+/-4543.586 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1997.866+/-2875.150 χ^2/NDF : 0.5/2

asym_atr_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3676.632 $\pm$ 3.213 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3090.264 $\pm$ 2.626 χ^2 /NDF: 859.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

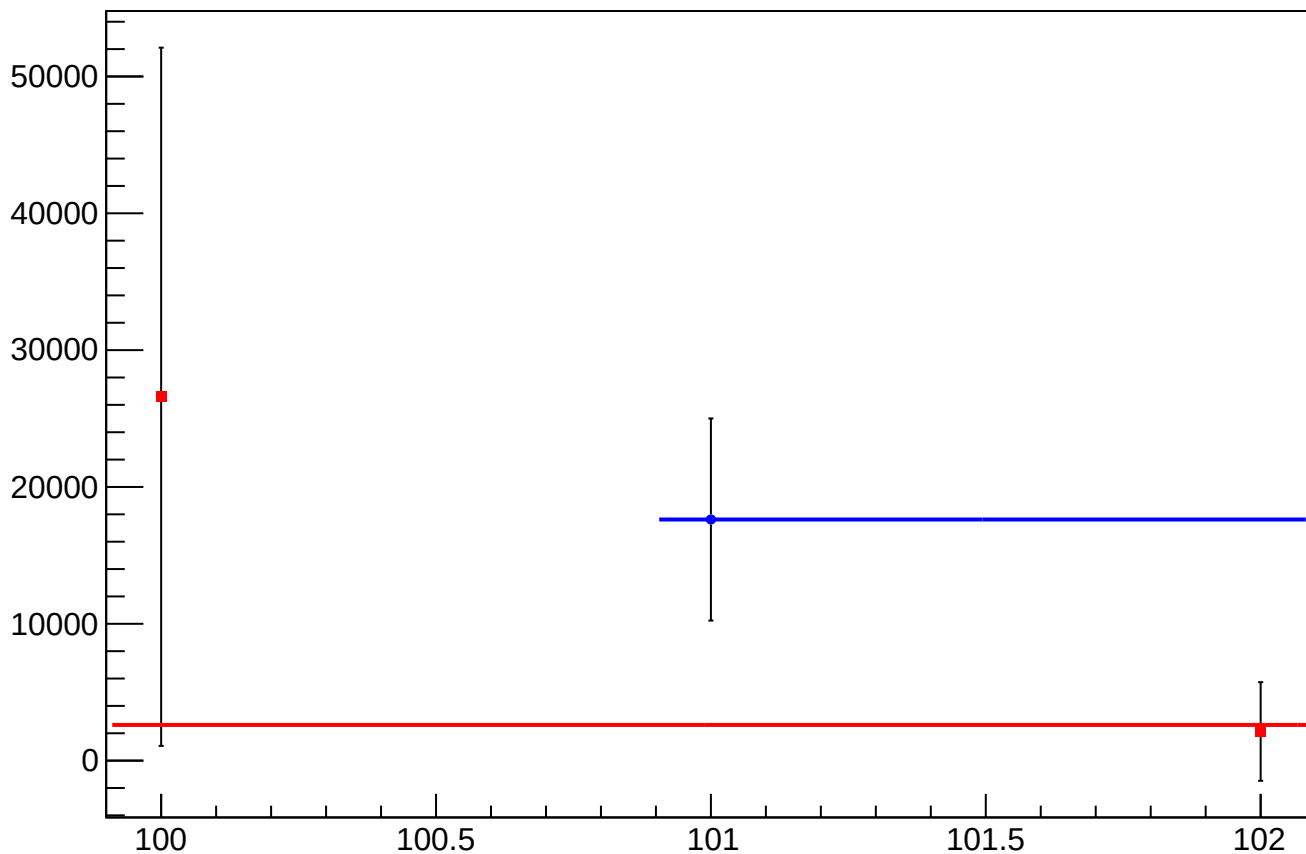
Right: 3325.062 $\pm$ 2.033 χ^2 /NDF: 20831.5/2

In: 3676.632 $\pm$ 3.213 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3325.062 $\pm$ 2.033 χ^2 /NDF: 20831.5/2

eigen_cor_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: 17622.184+/-7387.002 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2608.354+/-3568.337 χ^2/NDF : 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

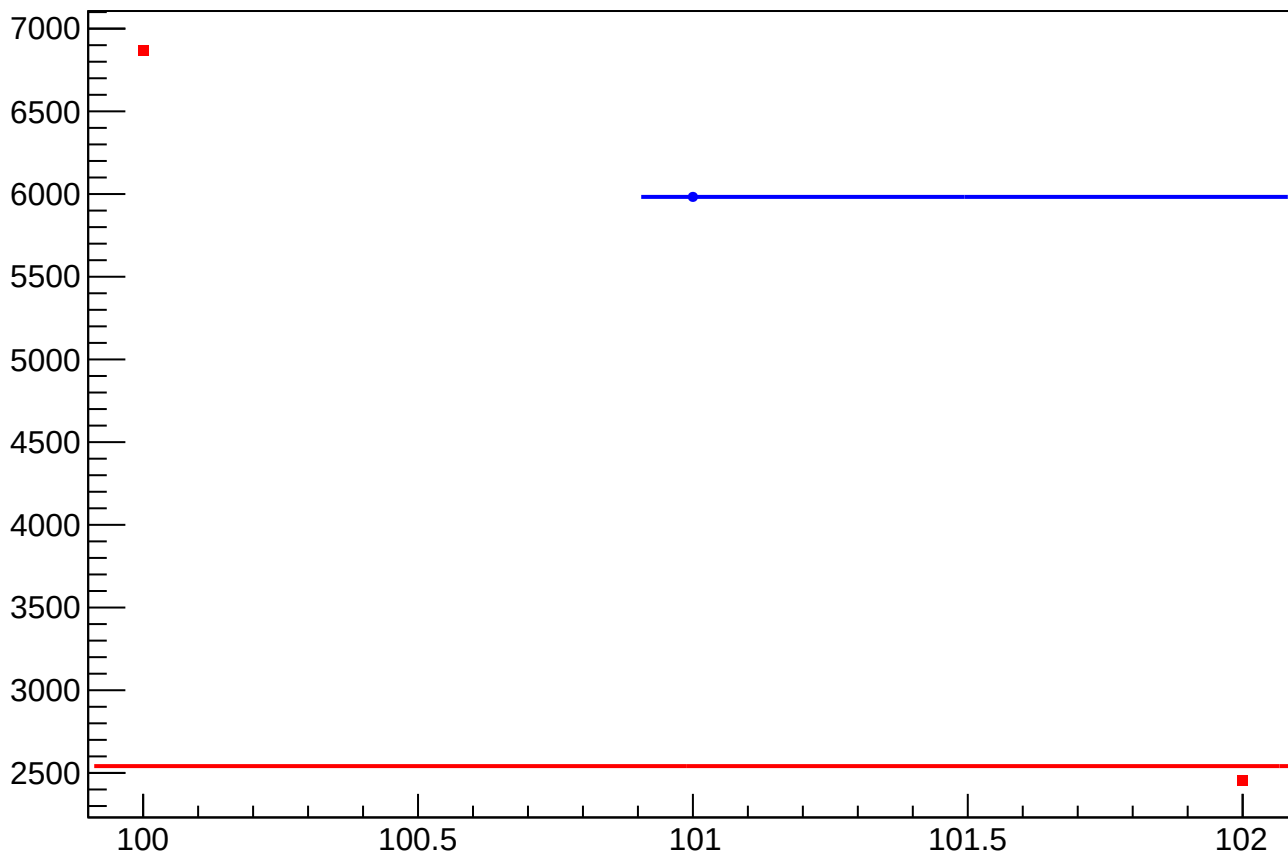
Right: 5448.907+/-3213.097 χ^2/NDF : 4.3/2

In: 17622.184+/-7387.002 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5448.907+/-3213.097 χ^2/NDF : 4.3/2

eigen_cor_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 5982.766+/-5.223 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2541.335+/-2.523 χ^2/NDF : 58634.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

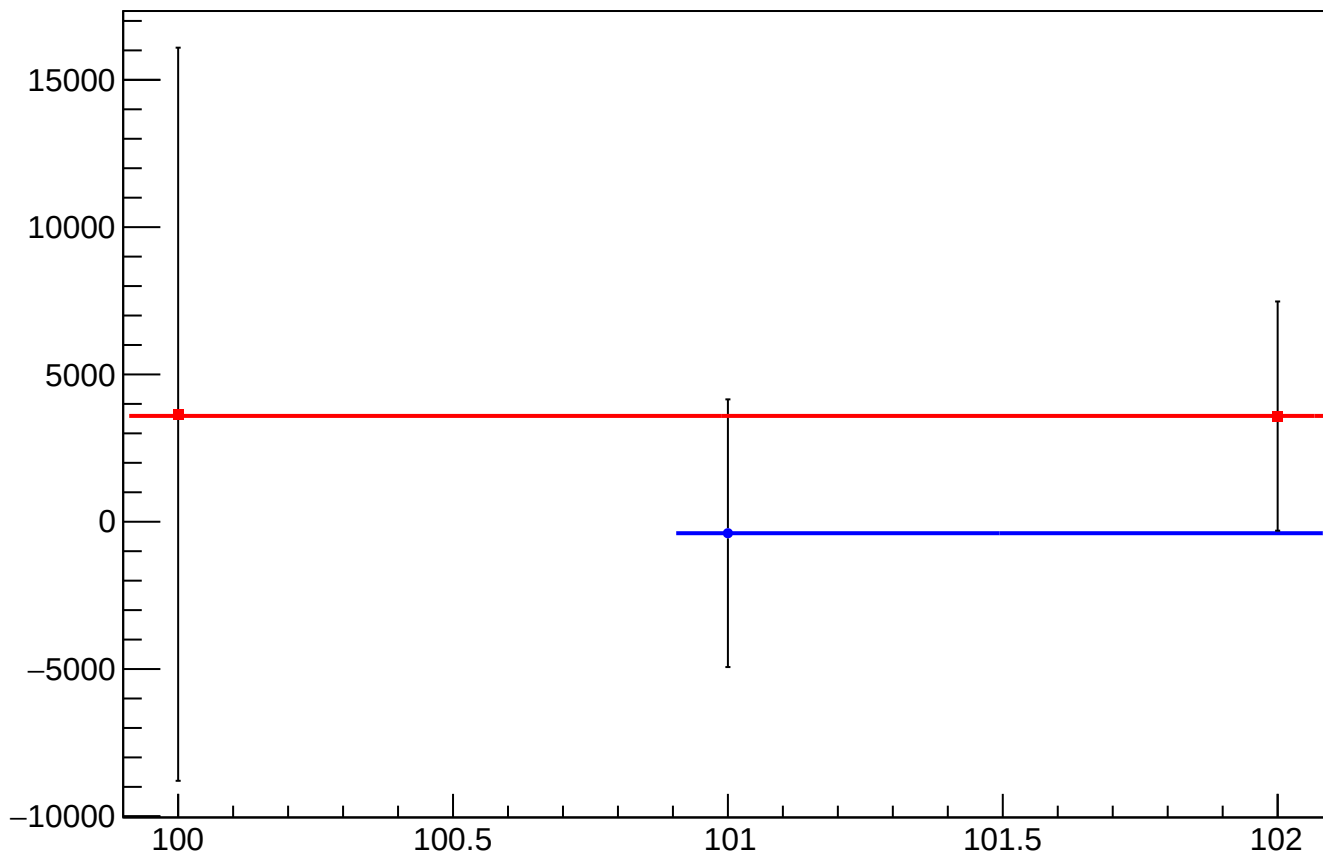
Right: 3192.371+/-2.272 χ^2/NDF : 410598.2/2

In: 5982.766+/-5.223 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3192.371+/-2.272 χ^2/NDF : 410598.2/2

asym_atr_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -389.400+/-4543.586 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3592.212+/-3713.125 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

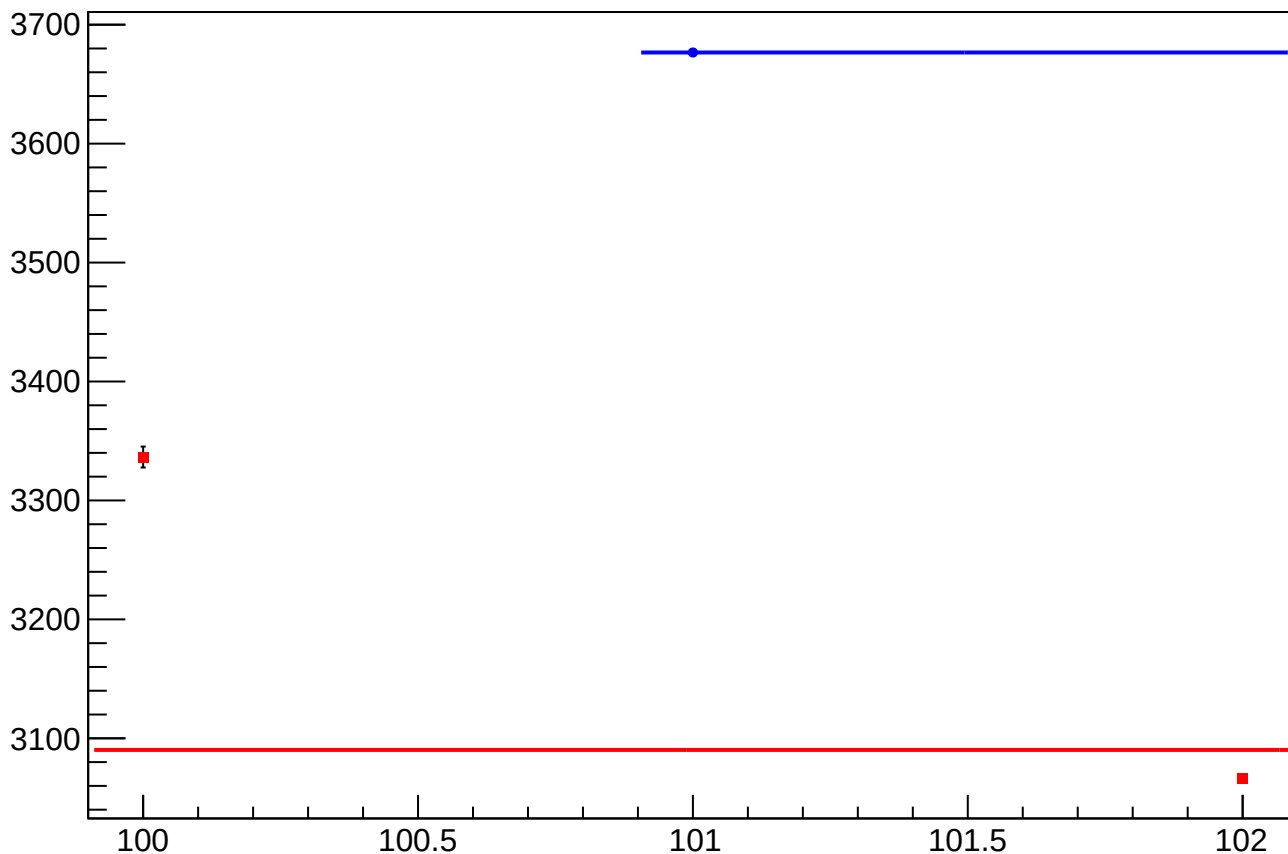
Right: 1997.866+/-2875.150 χ^2/NDF : 0.5/2

In: -389.400+/-4543.586 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1997.866+/-2875.150 χ^2/NDF : 0.5/2

asym_atr_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3676.632 $\pm$ 3.213 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3090.264 $\pm$ 2.626 χ^2 /NDF: 859.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

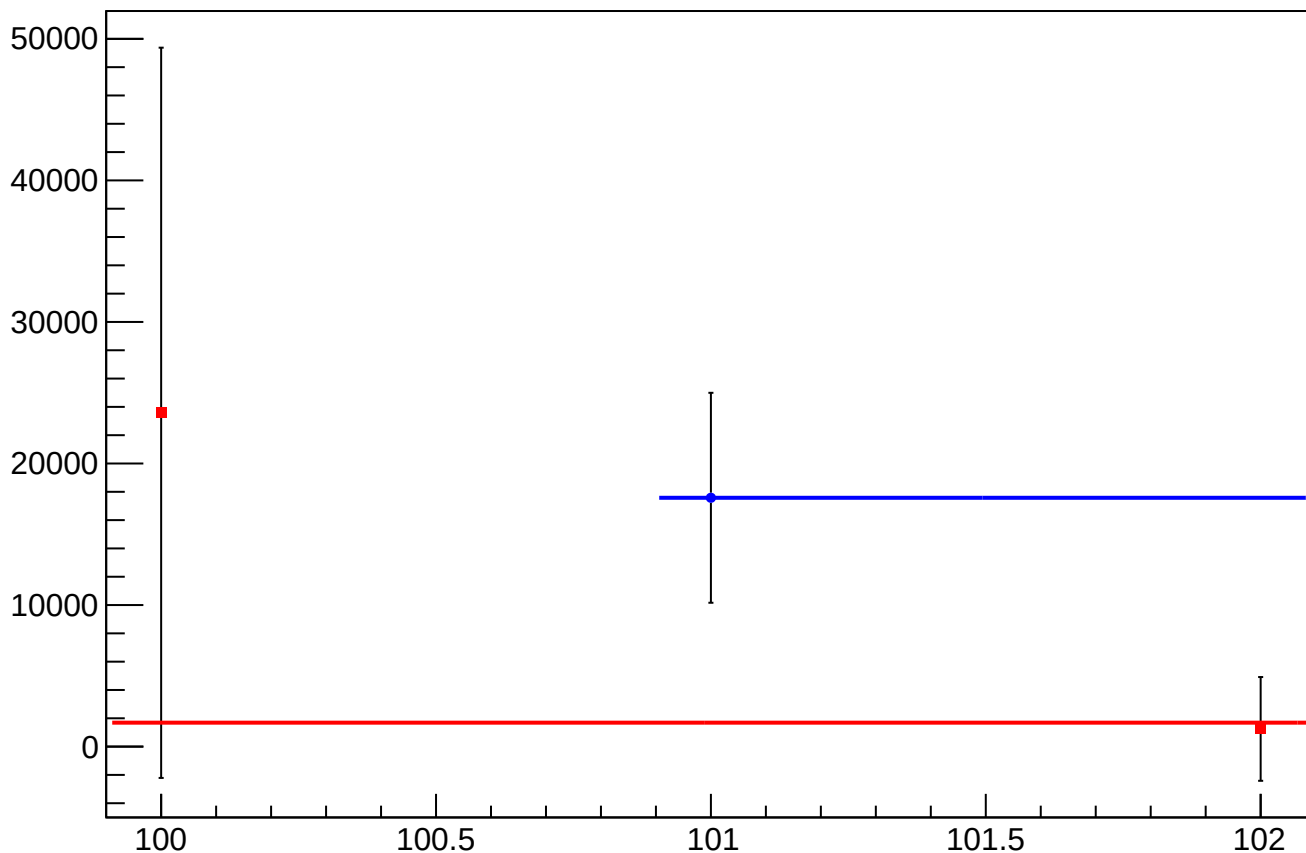
Right: 3325.062 $\pm$ 2.033 χ^2 /NDF: 20831.5/2

In: 3676.632 $\pm$ 3.213 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3325.062 $\pm$ 2.033 χ^2 /NDF: 20831.5/2

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: 17577.830+/-7416.242 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1690.813+/-3628.682 χ^2/NDF : 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

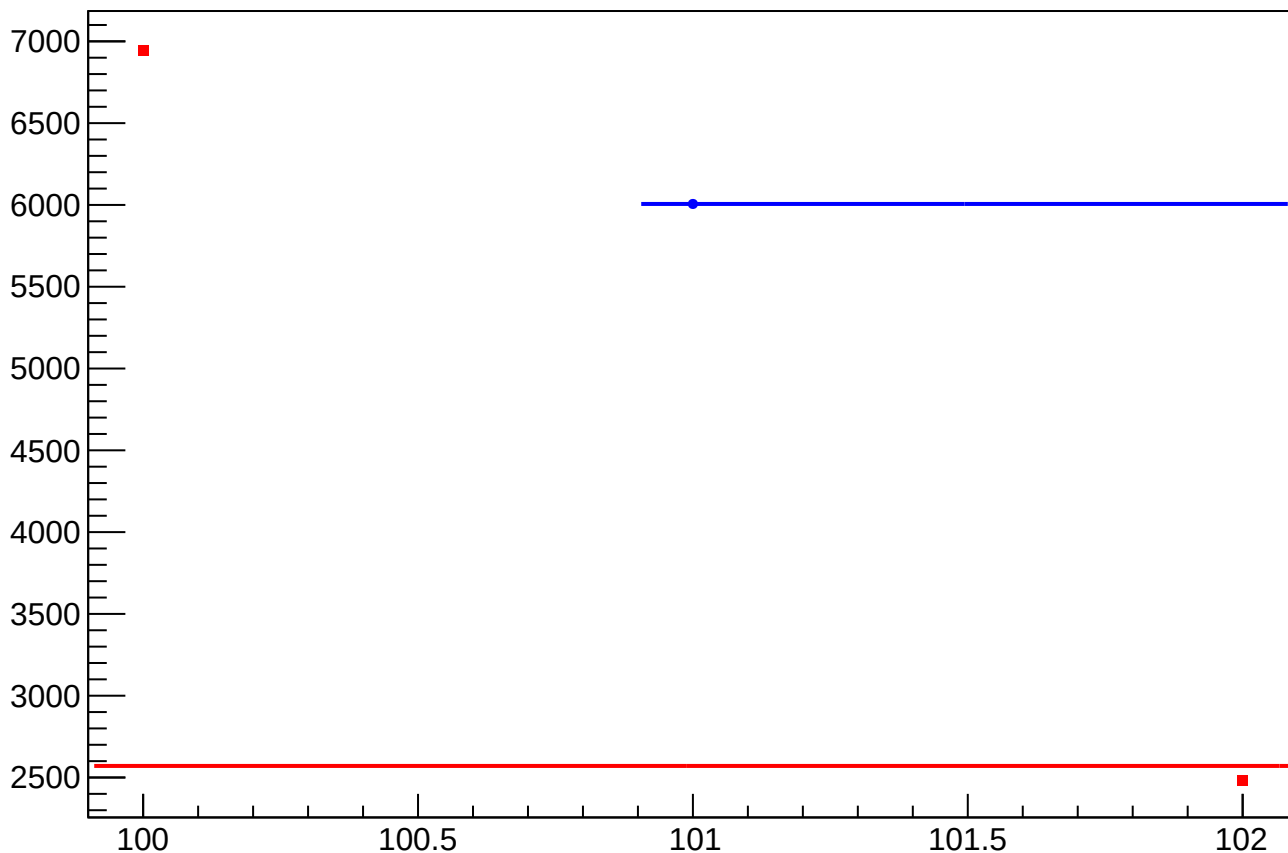
Right: 4759.550+/-3259.437 χ^2/NDF : 4.4/2

In: 17577.830+/-7416.242 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4759.550+/-3259.437 χ^2/NDF : 4.4/2

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 6006.017+/-5.244 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2570.688+/-2.566 χ^2/NDF : 58622.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

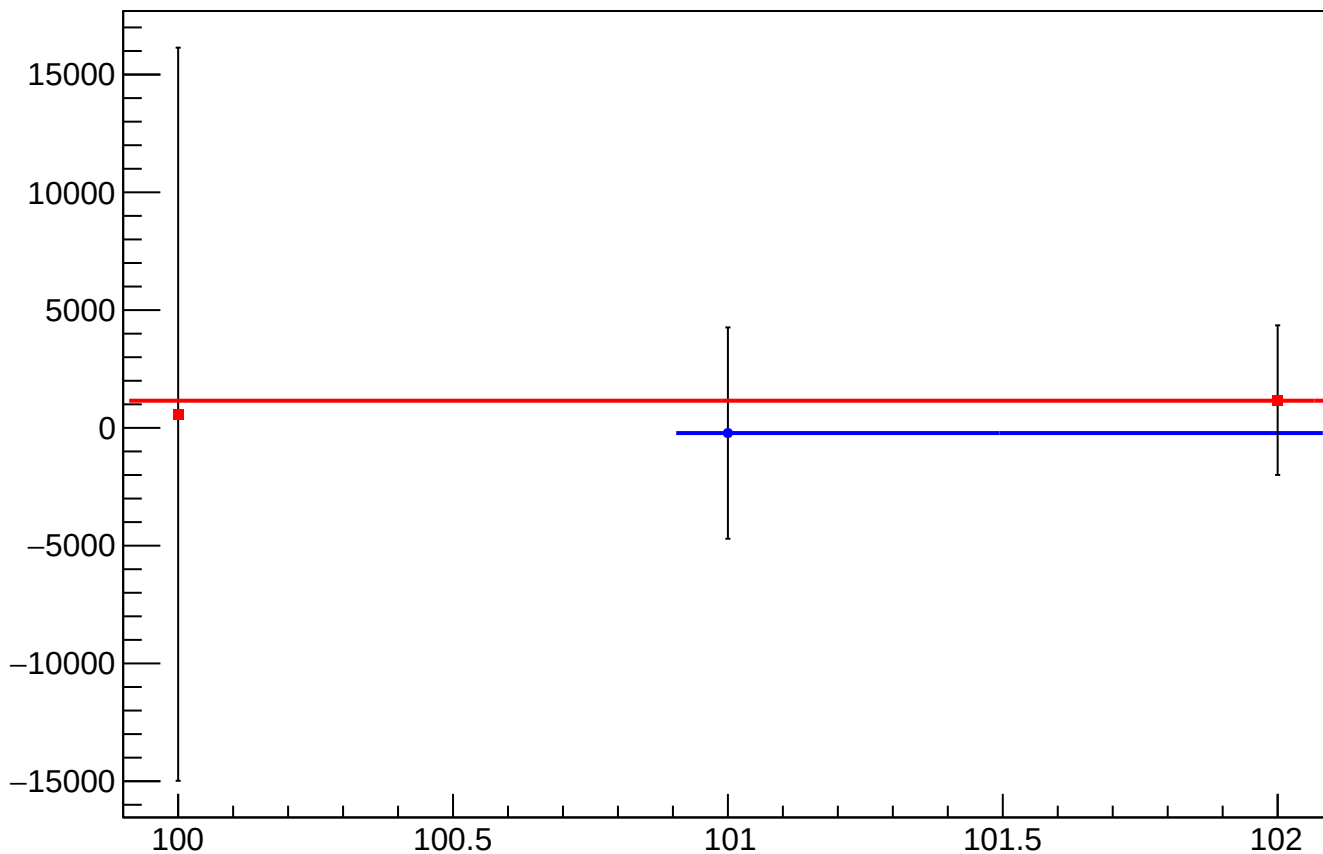
Right: 3234.186+/-2.305 χ^2/NDF : 404878.6/2

In: 6006.017+/-5.244 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3234.186+/-2.305 χ^2/NDF : 404878.6/2

asym_atr_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -220.111+/-4485.660 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1154.461+/-3111.574 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

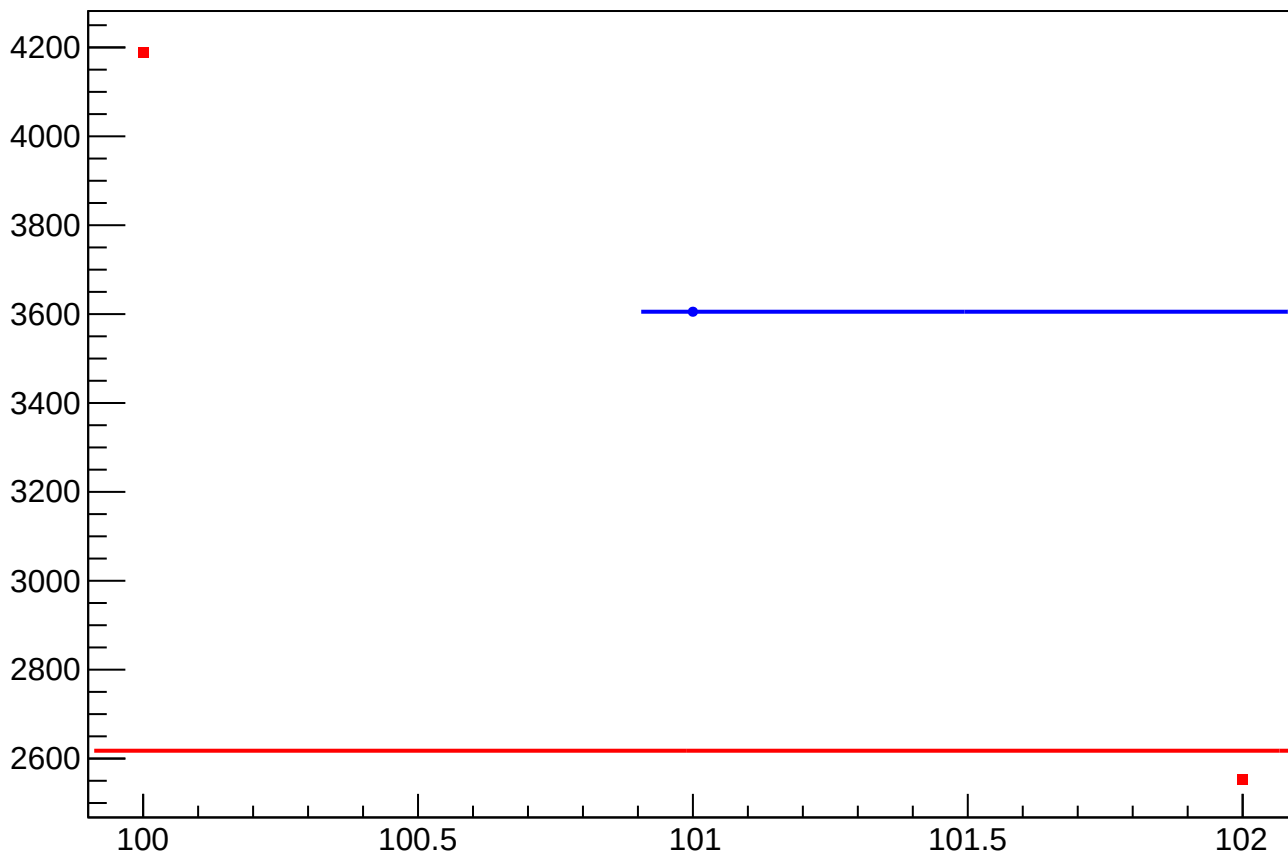
Right: 707.914+/-2556.679 χ^2/NDF : 0.1/2

In: -220.111+/-4485.660 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 707.914+/-2556.679 χ^2/NDF : 0.1/2

asym_atr_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3605.348+/-3.172 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2617.629+/-2.200 χ^2/NDF : 21227.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

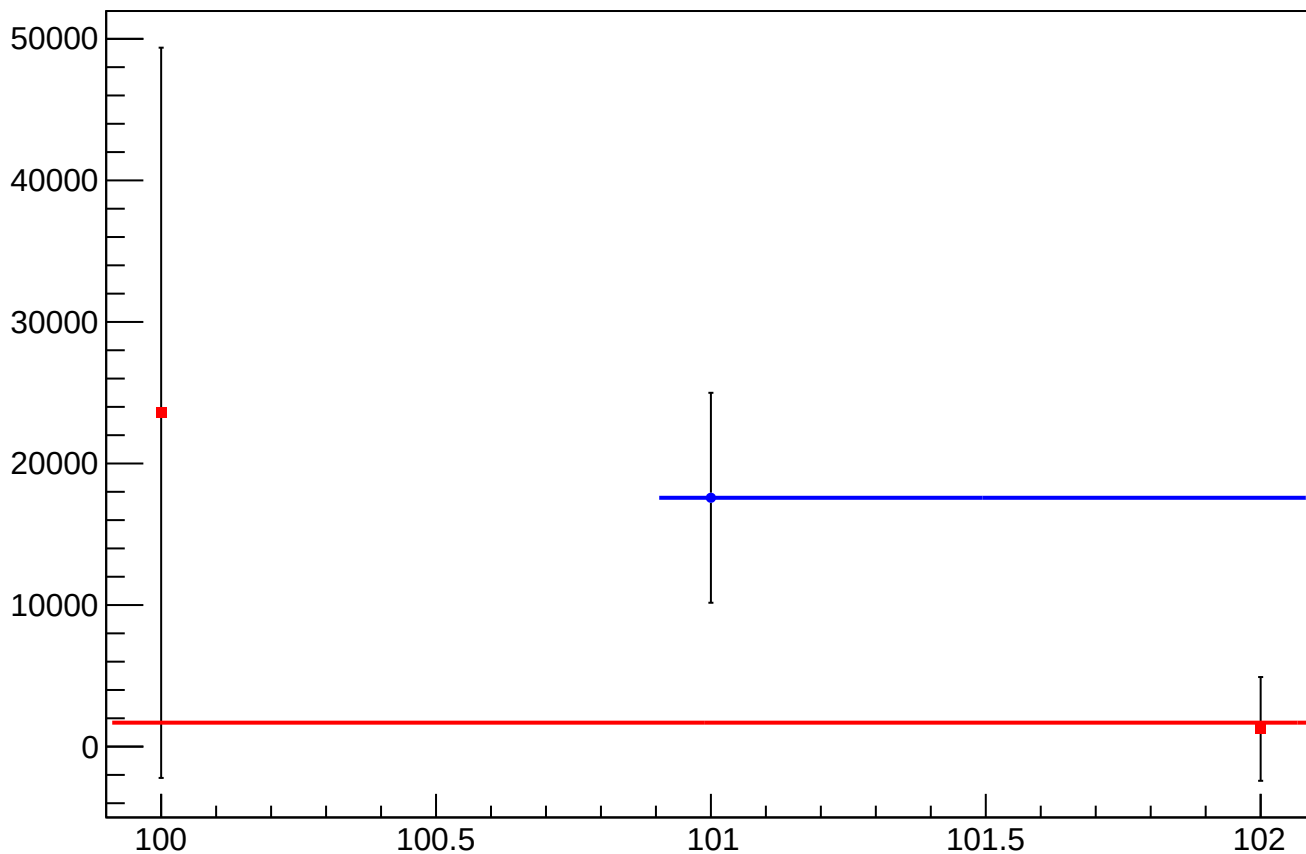
Right: 2938.502+/-1.808 χ^2/NDF : 86696.9/2

In: 3605.348+/-3.172 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2938.502+/-1.808 χ^2/NDF : 86696.9/2

eigen_dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: 17577.874+/-7416.241 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1690.799+/-3628.682 χ^2/NDF : 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

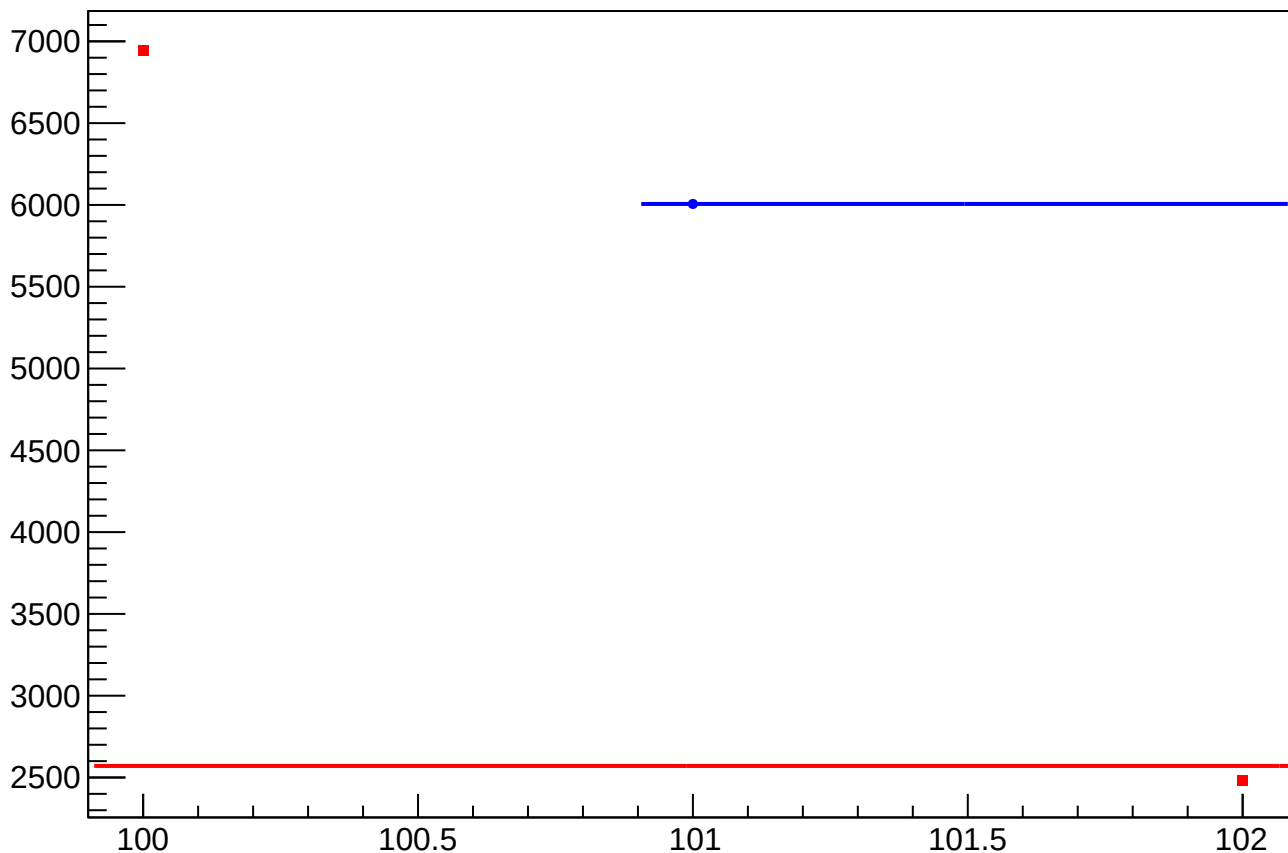
Right: 4759.549+/-3259.437 χ^2/NDF : 4.4/2

In: 17577.874+/-7416.241 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4759.549+/-3259.437 χ^2/NDF : 4.4/2

eigen_dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 6006.017+/-5.244 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2570.689+/-2.566 χ^2/NDF : 58622.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

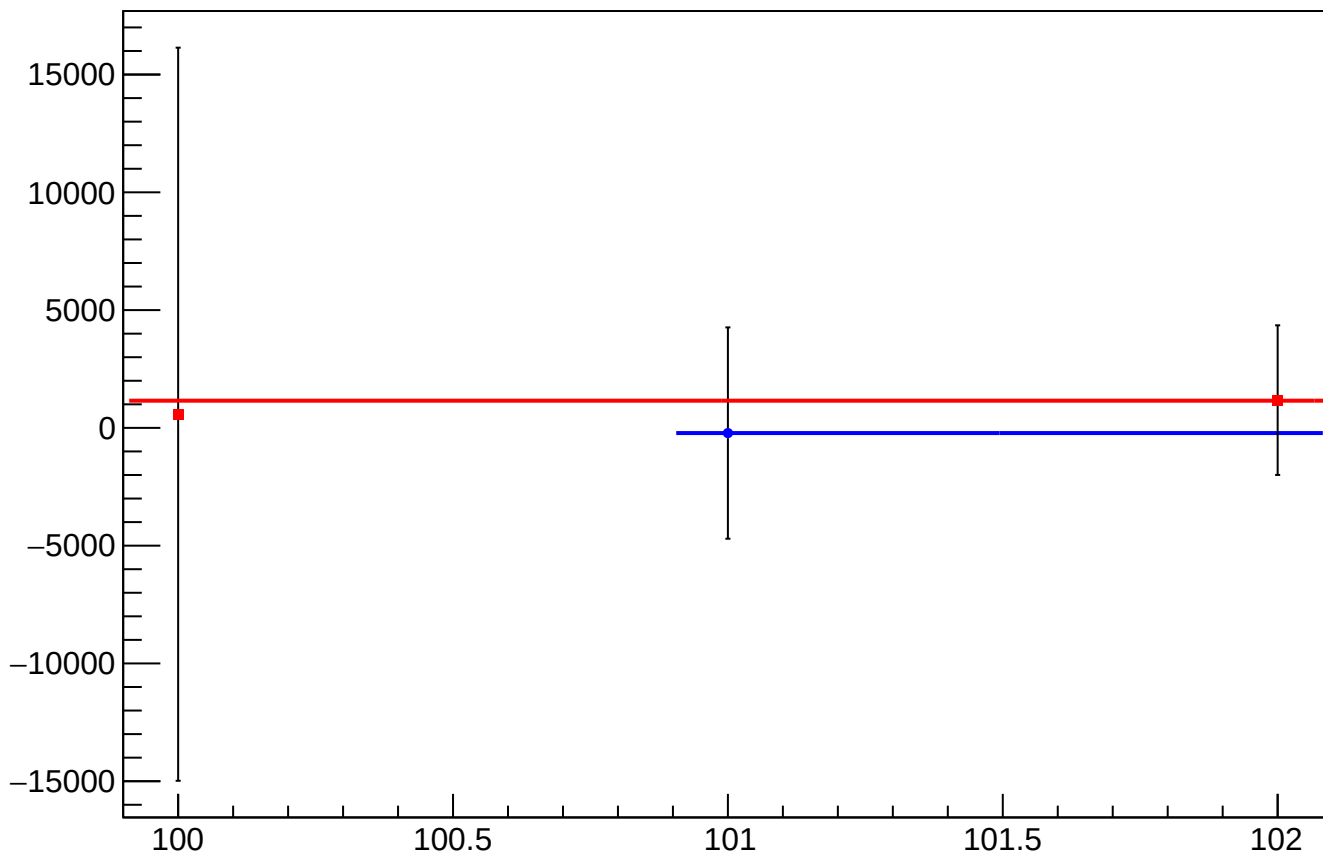
Right: 3234.187+/-2.305 χ^2/NDF : 404878.4/2

In: 6006.017+/-5.244 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3234.187+/-2.305 χ^2/NDF : 404878.4/2

asym_atr_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -220.077+/-4485.653 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1154.457+/-3111.573 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

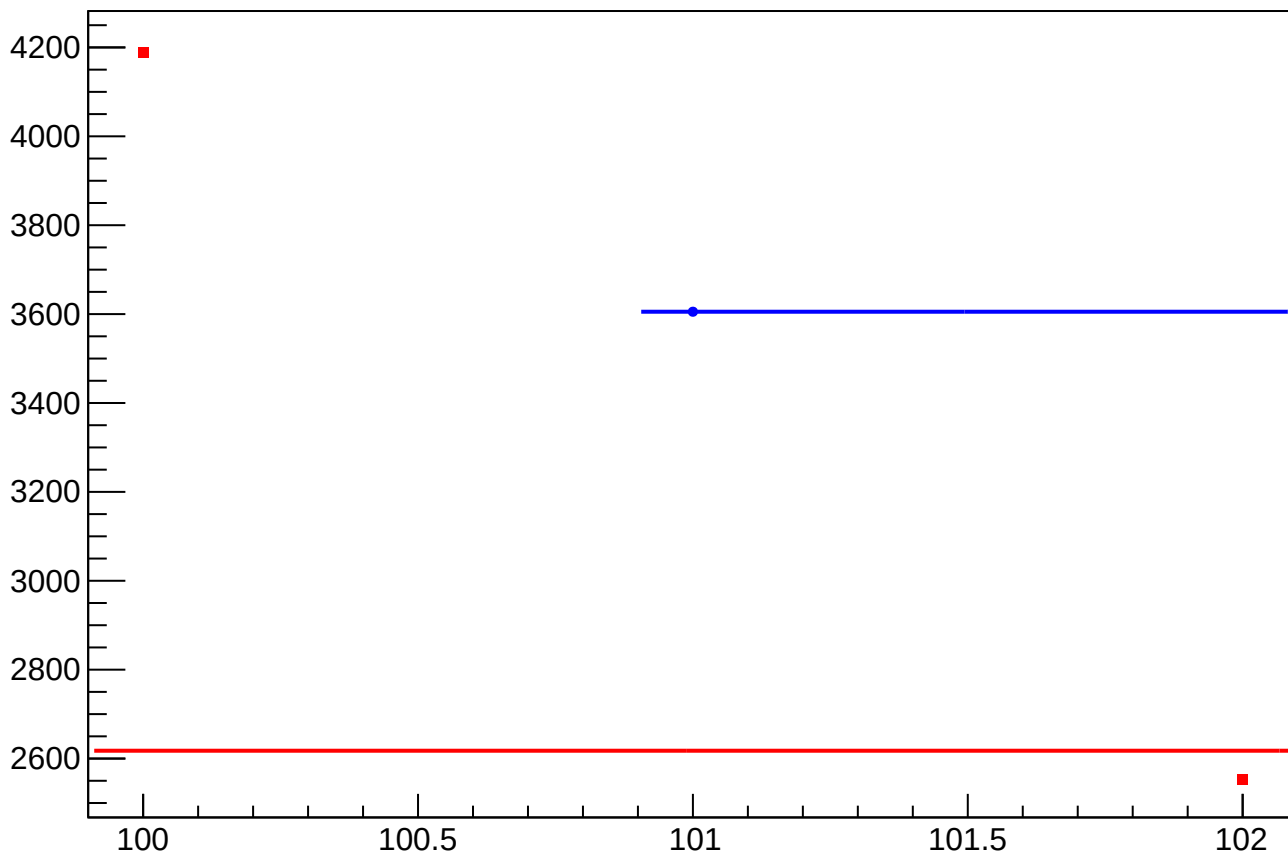
Right: 707.921+/-2556.677 χ^2/NDF : 0.1/2

In: -220.077+/-4485.653 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 707.921+/-2556.677 χ^2/NDF : 0.1/2

asym_atr_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3605.343+/-3.172 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2617.629+/-2.200 χ^2/NDF : 21227.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

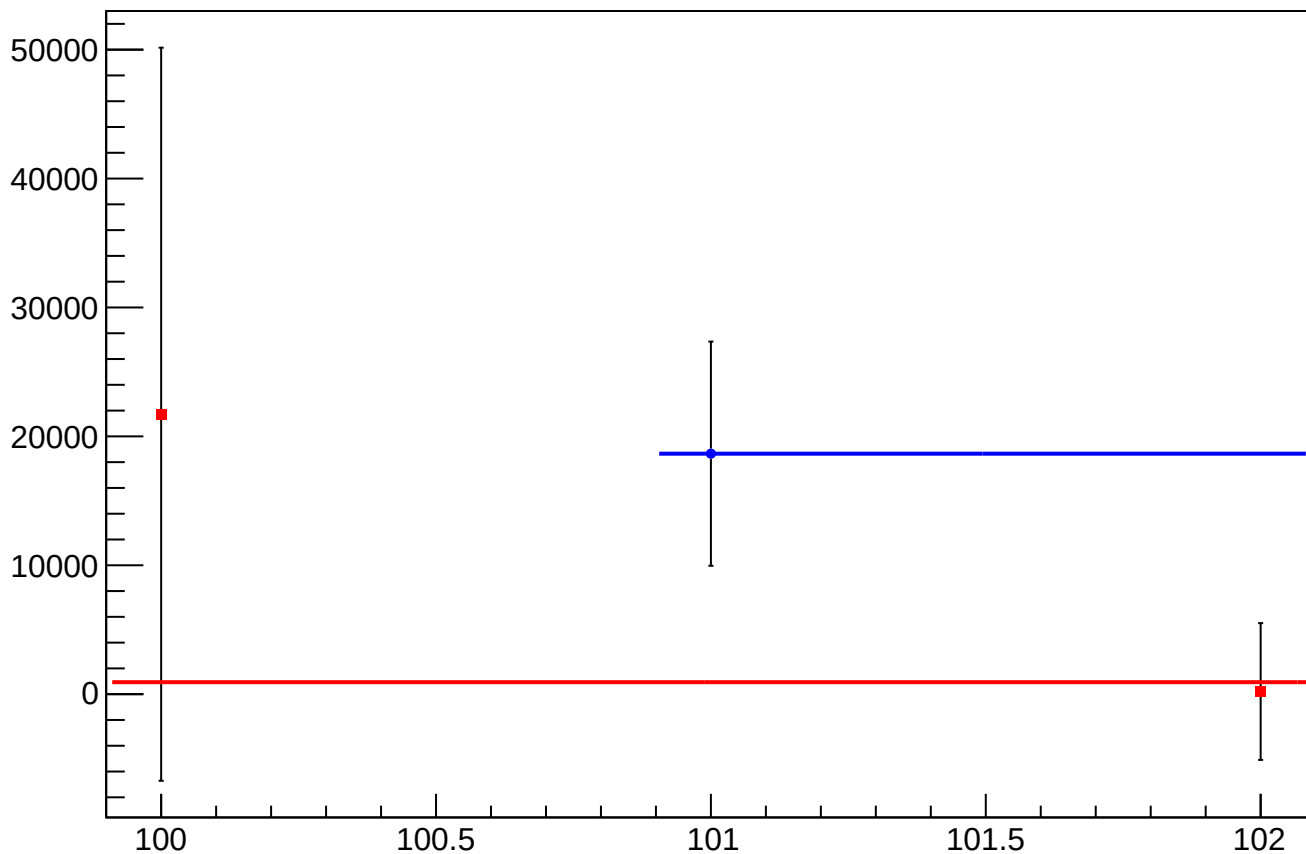
Right: 2938.501+/-1.808 χ^2/NDF : 86696.1/2

In: 3605.343+/-3.172 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2938.501+/-1.808 χ^2/NDF : 86696.1/2

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: 18657.135+/-8696.832 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 931.158+/-5214.772 χ^2/NDF : 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

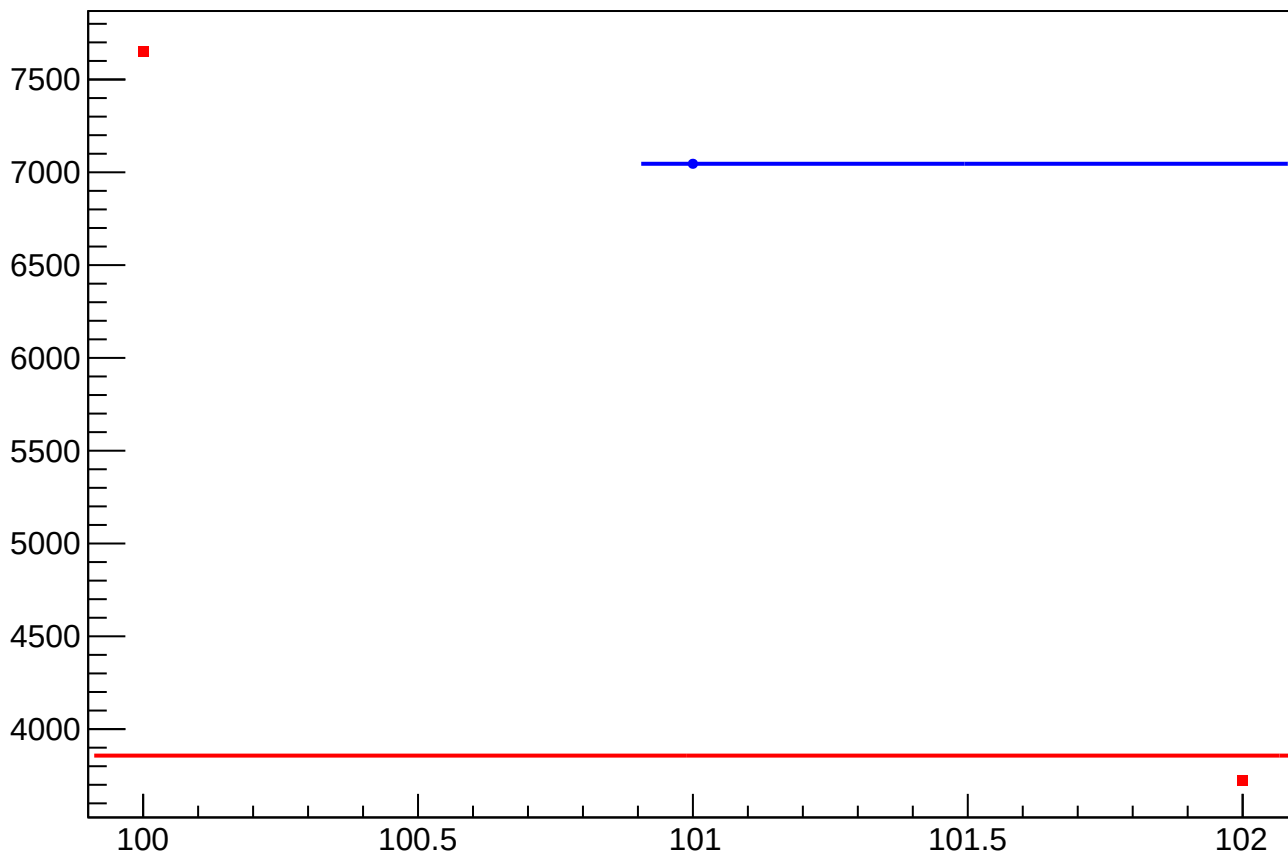
Right: 5618.929+/-4472.385 χ^2/NDF : 3.6/2

In: 18657.135+/-8696.832 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5618.929+/-4472.385 χ^2/NDF : 3.6/2

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 7045.926 $\pm$ 6.150 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3857.265 $\pm$ 3.687 χ^2 /NDF: 36843.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

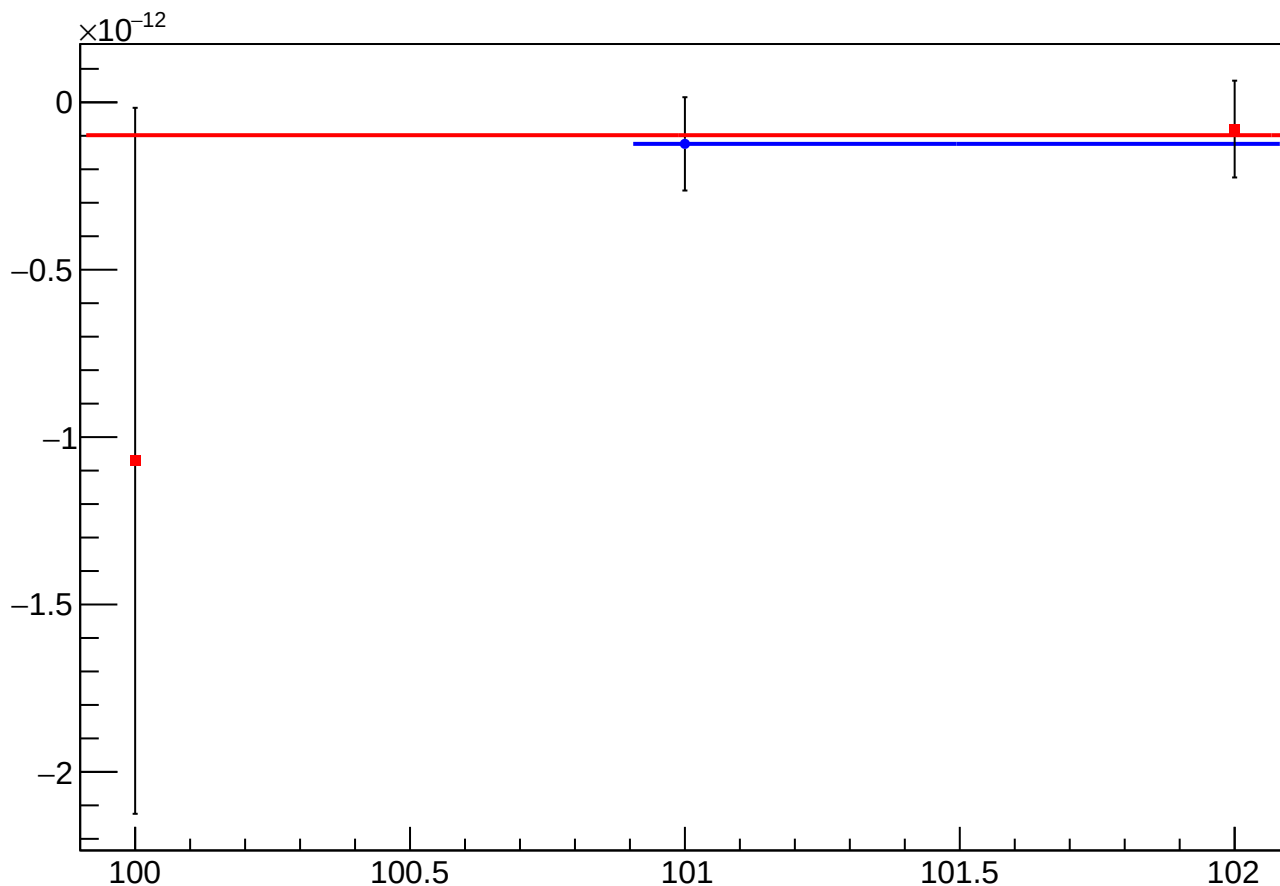
Right: 4700.363 $\pm$ 3.162 χ^2 /NDF: 234614.5/2

In: 7045.926 $\pm$ 6.150 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4700.363 $\pm$ 3.162 χ^2 /NDF: 234614.5/2

asym_atr_dd_reg_vs_cor_diff_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: 0.9/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

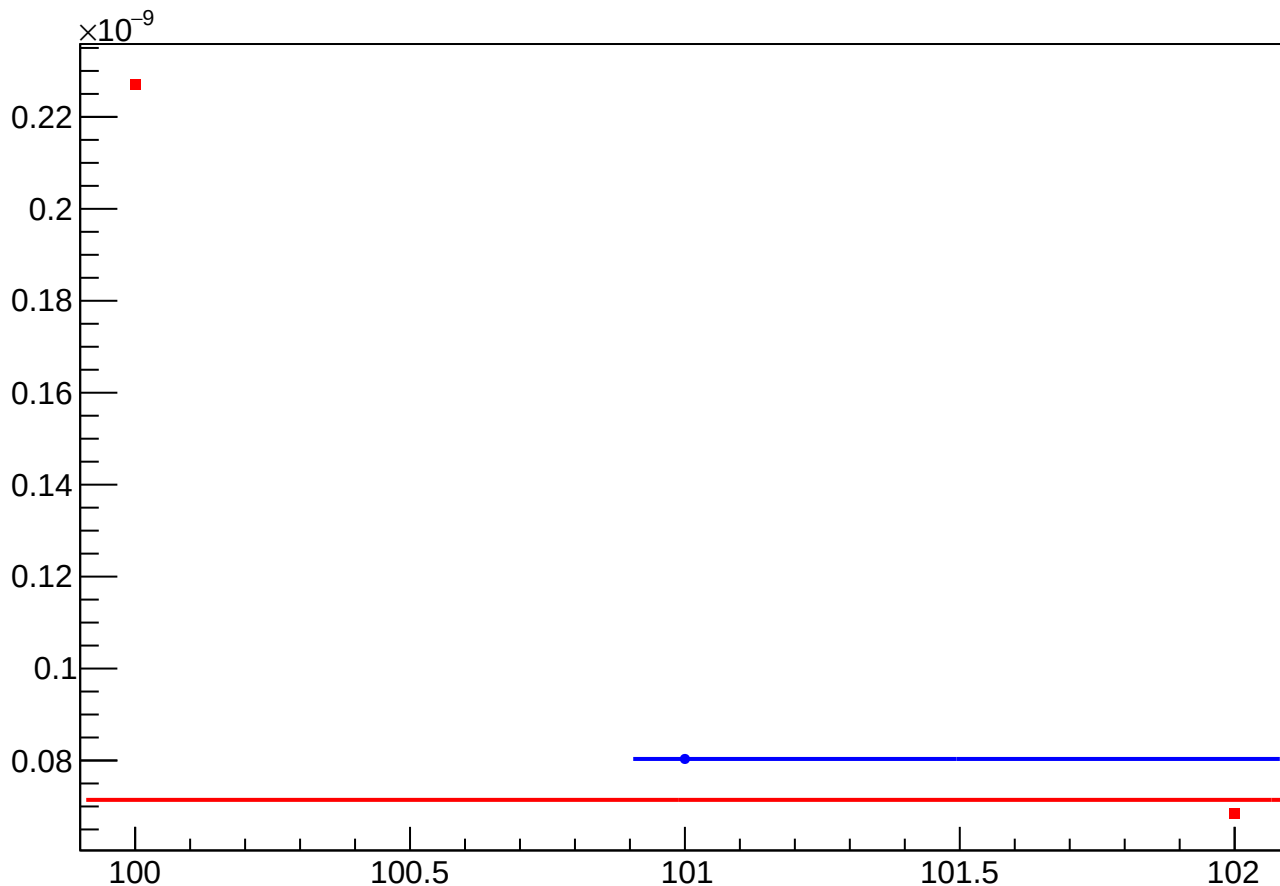
Right: -0.000+/-0.000 χ^2 /NDF: 0.9/2

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: 0.9/2

asym_atr_dd_reg_vs_cor_diff_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 : 44431.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

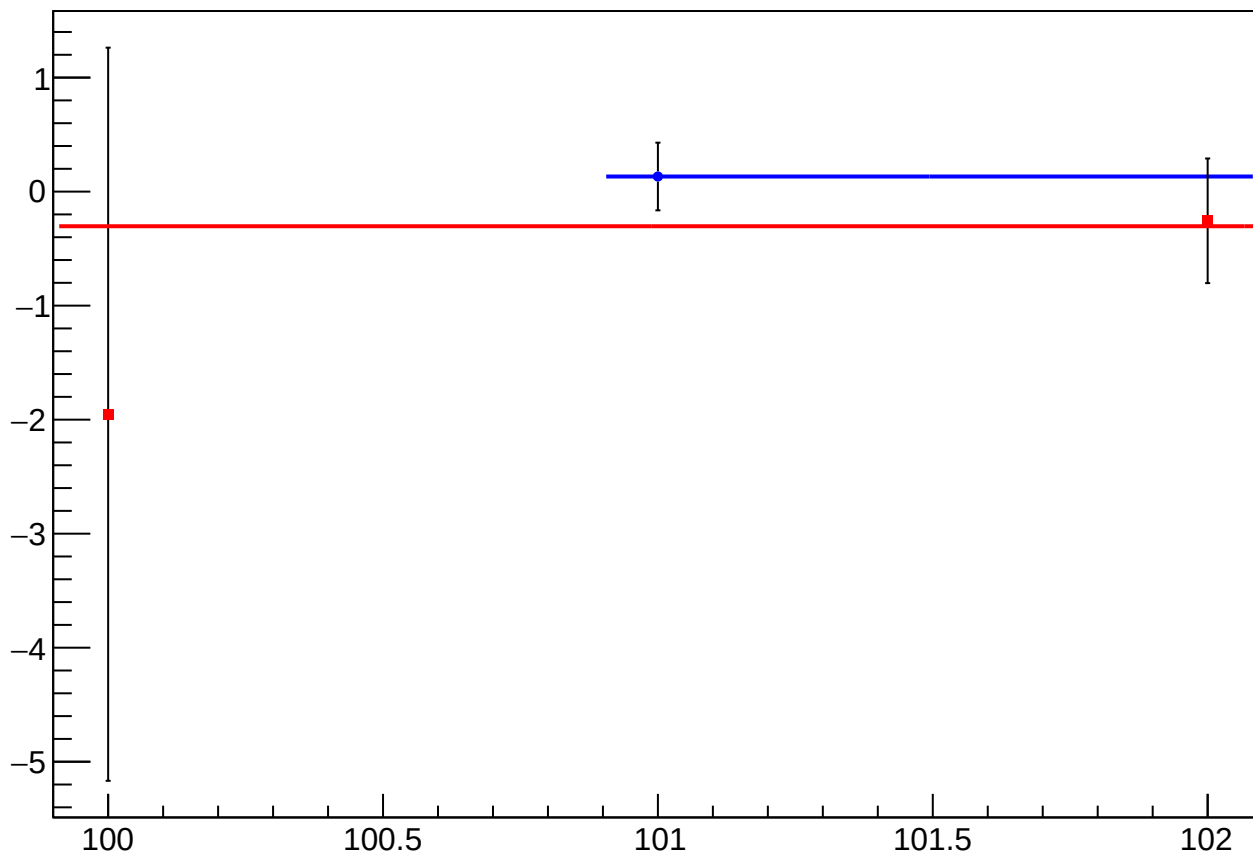
Right: 0.000+/-0.000 χ^2/NDF : 48399.0/2

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 : 48399.0/2

asym_atr_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.132+/-0.297 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.304+/-0.539 χ^2/NDF : 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

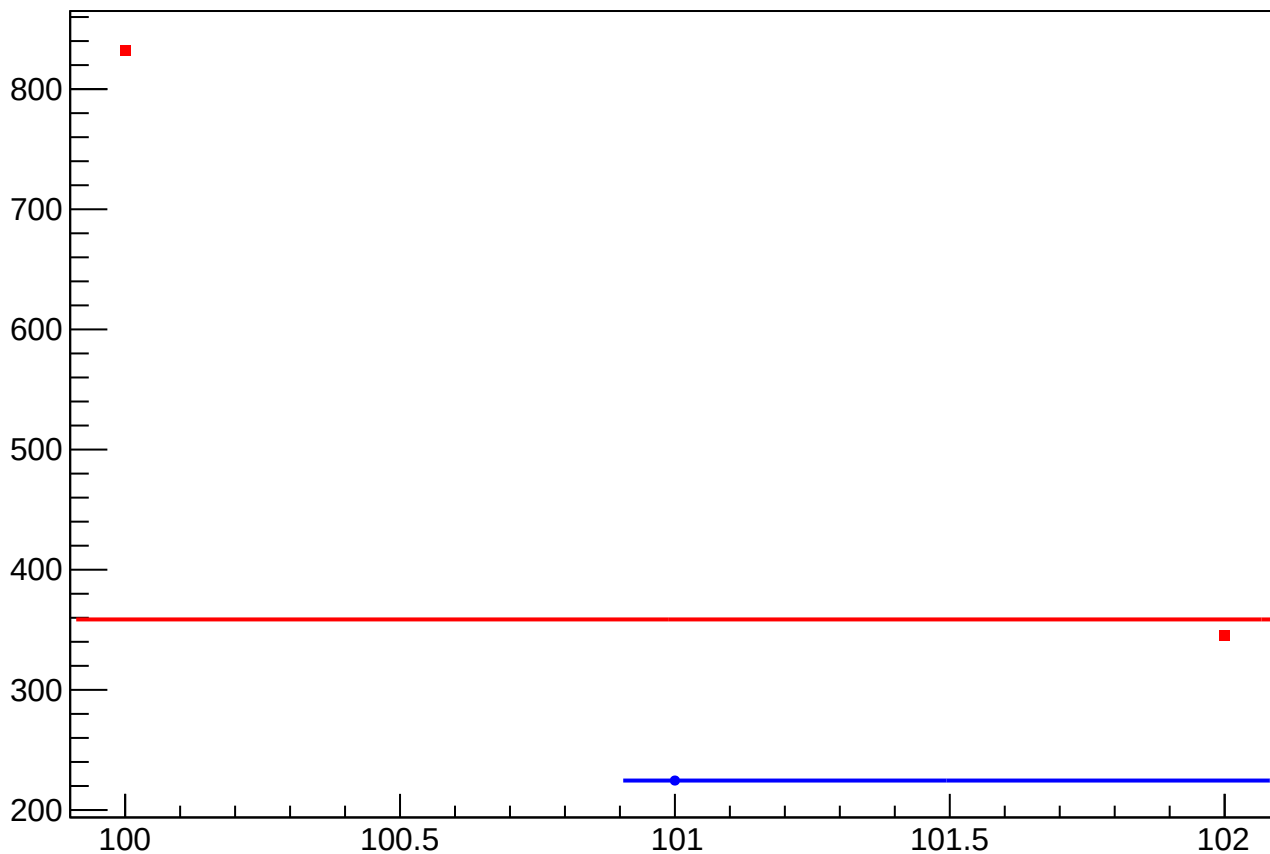
Right: 0.031+/-0.260 χ^2/NDF : 0.8/2

In: 0.132+/-0.297 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.031+/-0.260 χ^2/NDF : 0.8/2

asym_atr_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 224.530 $\pm$ 0.210 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 358.620 $\pm$ 0.381 χ^2 /NDF: 44660.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

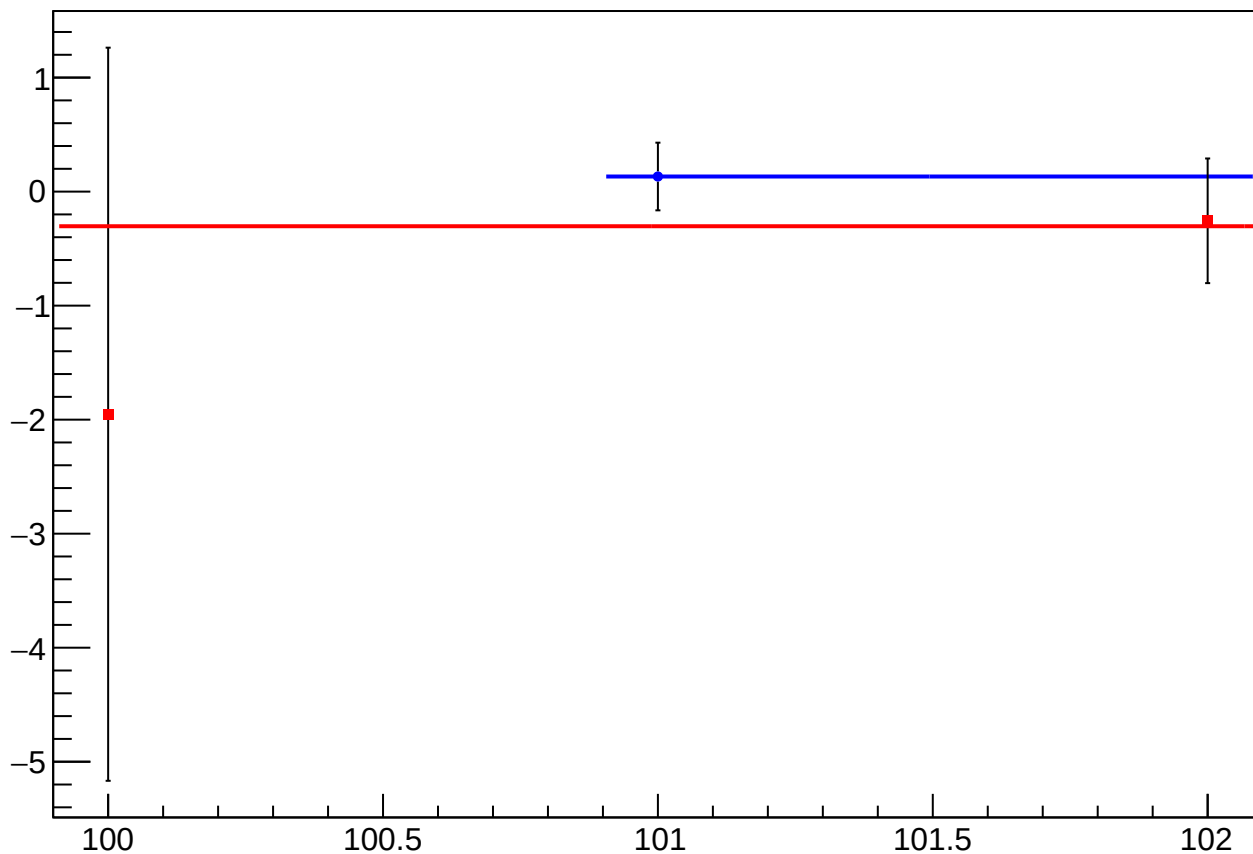
Right: 255.729 $\pm$ 0.184 χ^2 /NDF: 139689.1/2

In: 224.530 $\pm$ 0.210 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 255.729 $\pm$ 0.184 χ^2 /NDF: 139689.1/2

asym_atr_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.132 $\pm$ 0.297 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.304 $\pm$ 0.539 χ^2 /NDF: 0.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

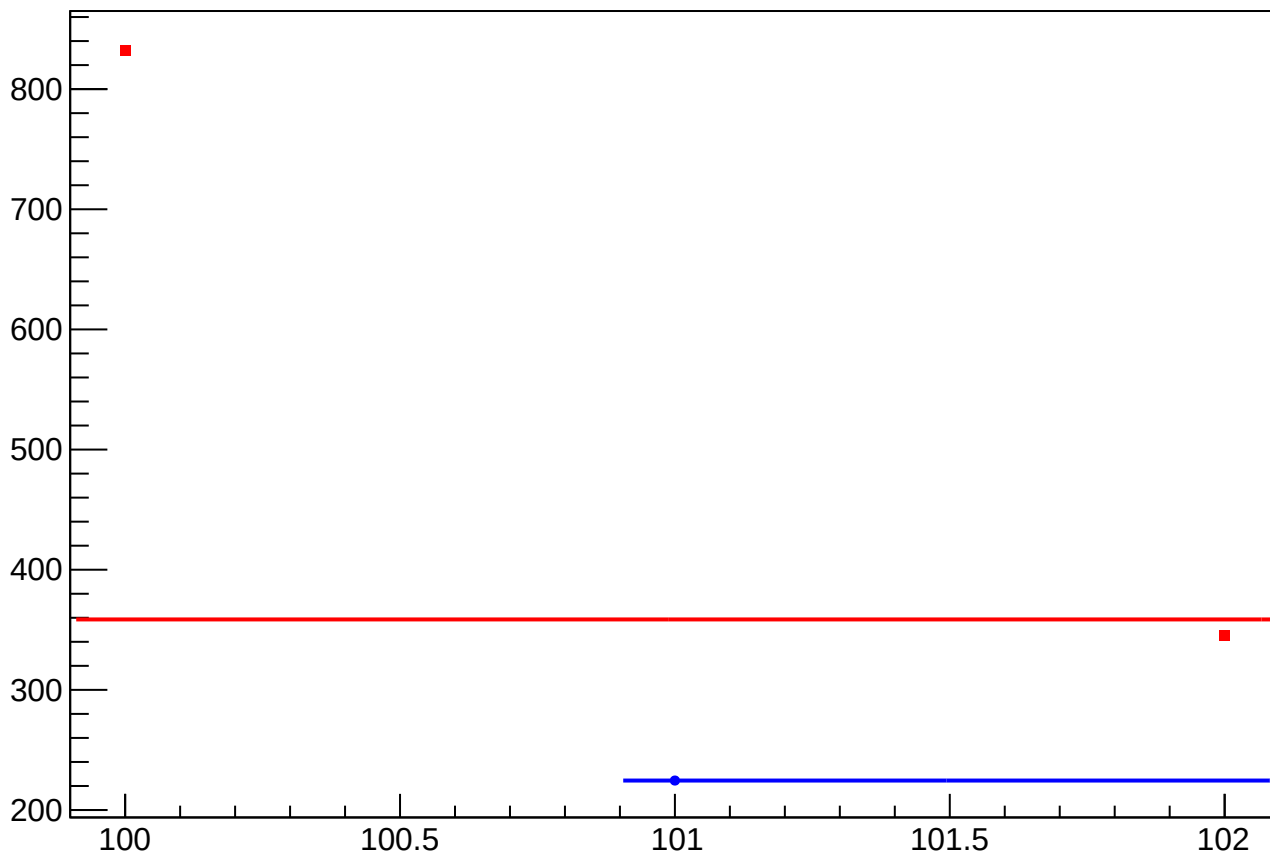
Right: 0.031 $\pm$ 0.260 χ^2 /NDF: 0.8/2

In: 0.132 $\pm$ 0.297 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.031 $\pm$ 0.260 χ^2 /NDF: 0.8/2

asym_atr_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 224.530 $\pm$ 0.210 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 358.620 $\pm$ 0.381 χ^2 /NDF: 44660.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

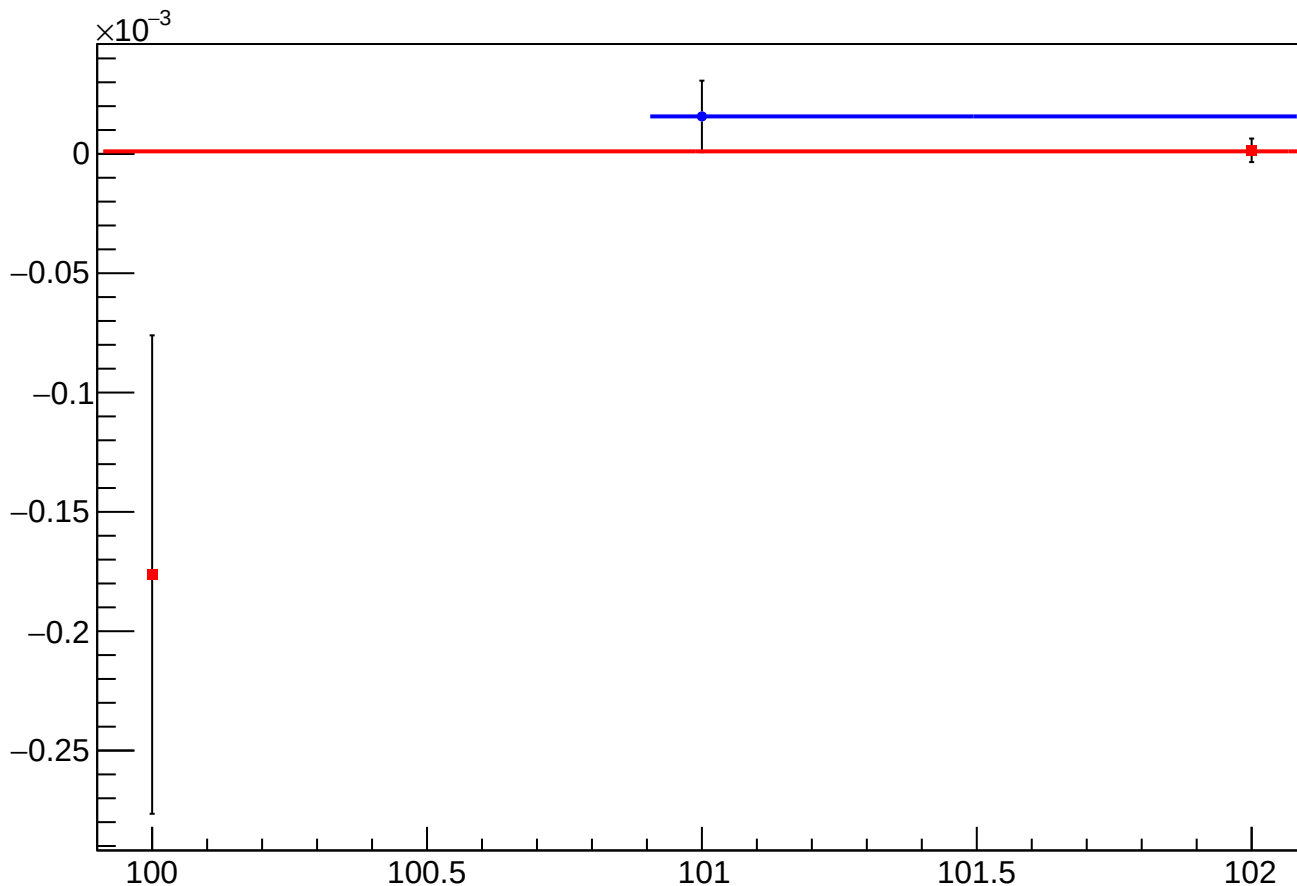
Right: 255.729 $\pm$ 0.184 χ^2 /NDF: 139689.1/2

In: 224.530 $\pm$ 0.210 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 255.729 $\pm$ 0.184 χ^2 /NDF: 139689.1/2

asym_atr_dd_eigen_dit_vs_dit_diff_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 : 3.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

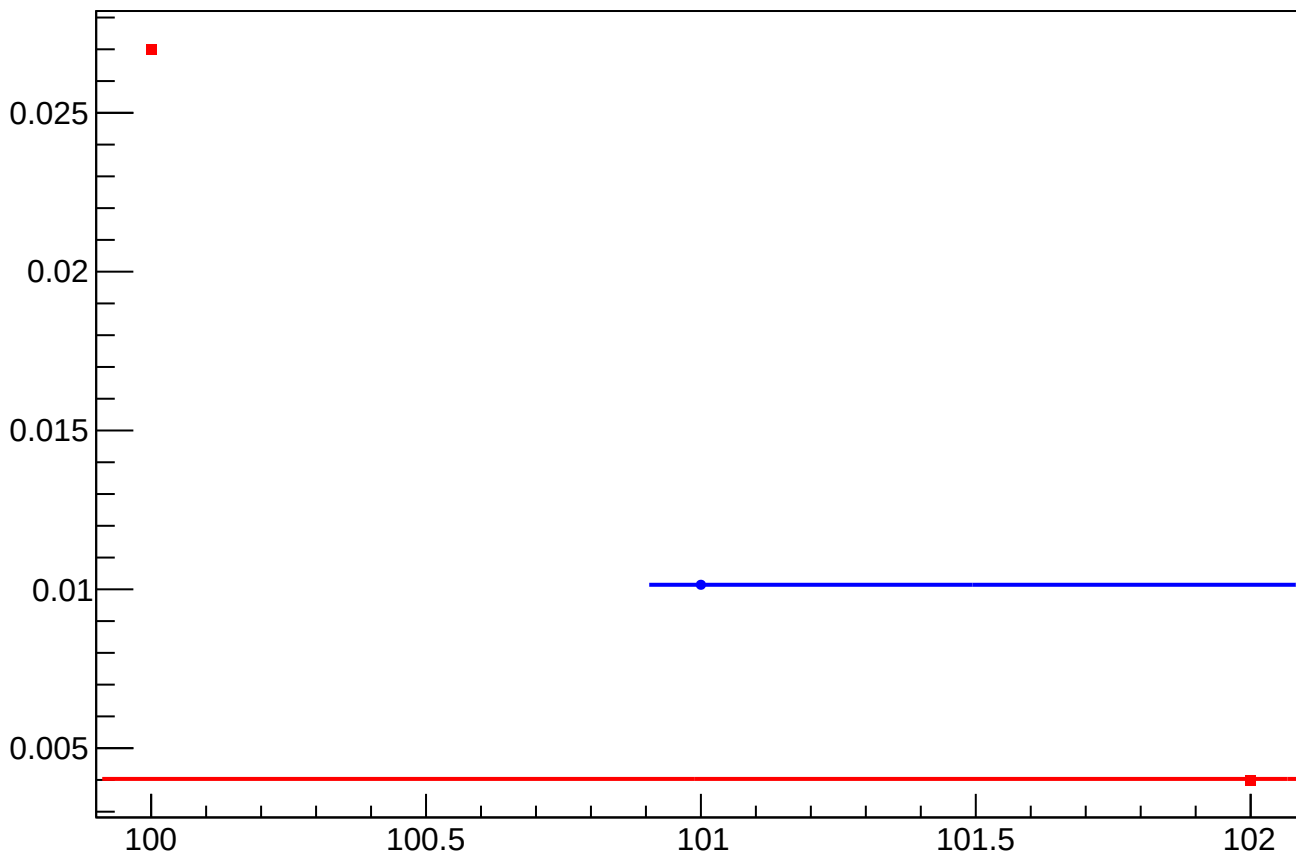
Right: 0.000+/-0.000 χ^2/NDF : 4.0/2

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 : 4.0/2

asym_atr_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 105084.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

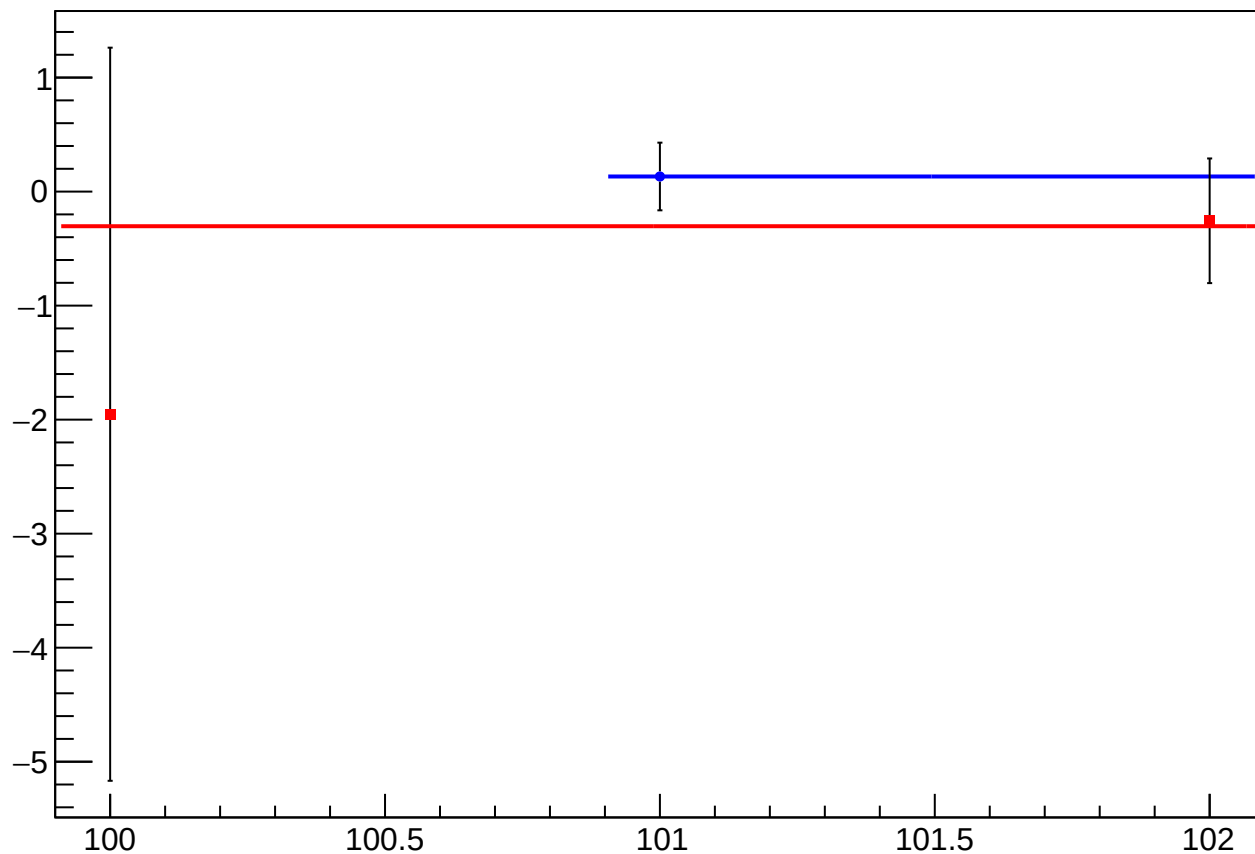
Right: 0.005 $\pm$ 0.000 χ^2 /NDF: 405711.2/2

In: 0.010 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.005 $\pm$ 0.000 χ^2 /NDF: 405711.2/2

asym_atr_dd_eigen_dit_vs_slug, Sign Corrected



Right In: 0.132 $\pm$ 0.297 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.304 $\pm$ 0.539 χ^2 /NDF: 0.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

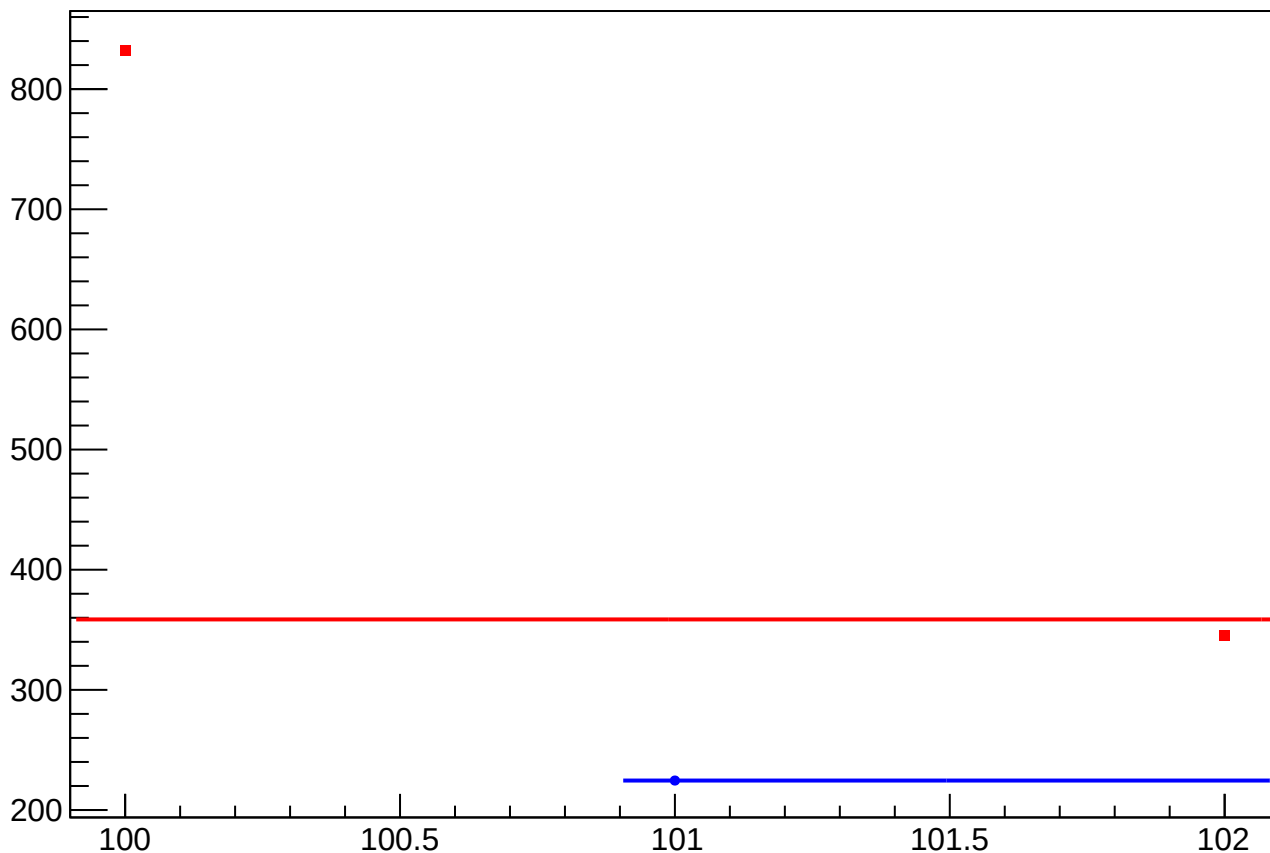
Right: 0.031 $\pm$ 0.260 χ^2 /NDF: 0.8/2

In: 0.132 $\pm$ 0.297 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.031 $\pm$ 0.260 χ^2 /NDF: 0.8/2

asym_atr_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 224.526 $\pm$ 0.210 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 358.625 $\pm$ 0.381 χ^2 /NDF: 44658.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

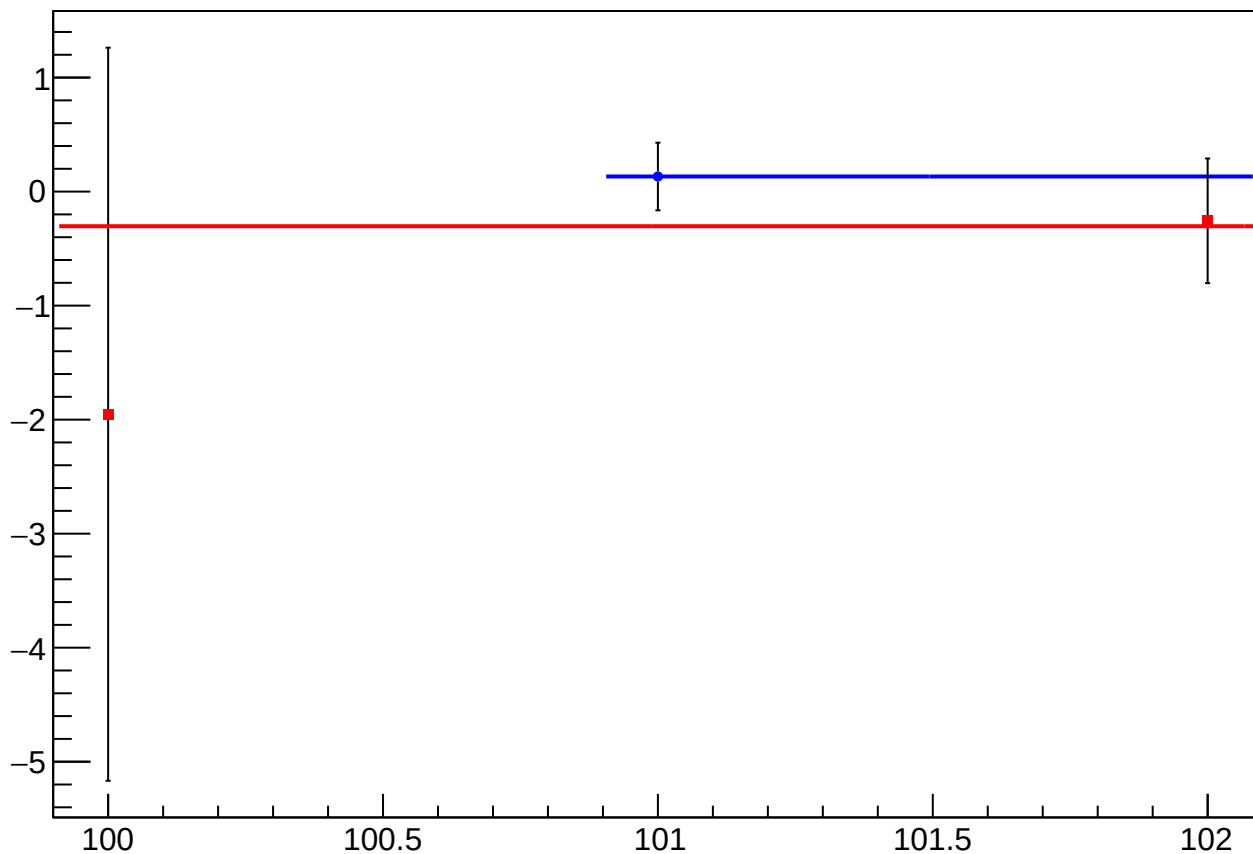
Right: 255.726 $\pm$ 0.184 χ^2 /NDF: 139698.5/2

In: 224.526 $\pm$ 0.210 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 255.726 $\pm$ 0.184 χ^2 /NDF: 139698.5/2

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.132 $\pm$ 0.297 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.304 $\pm$ 0.539 χ^2 /NDF: 0.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

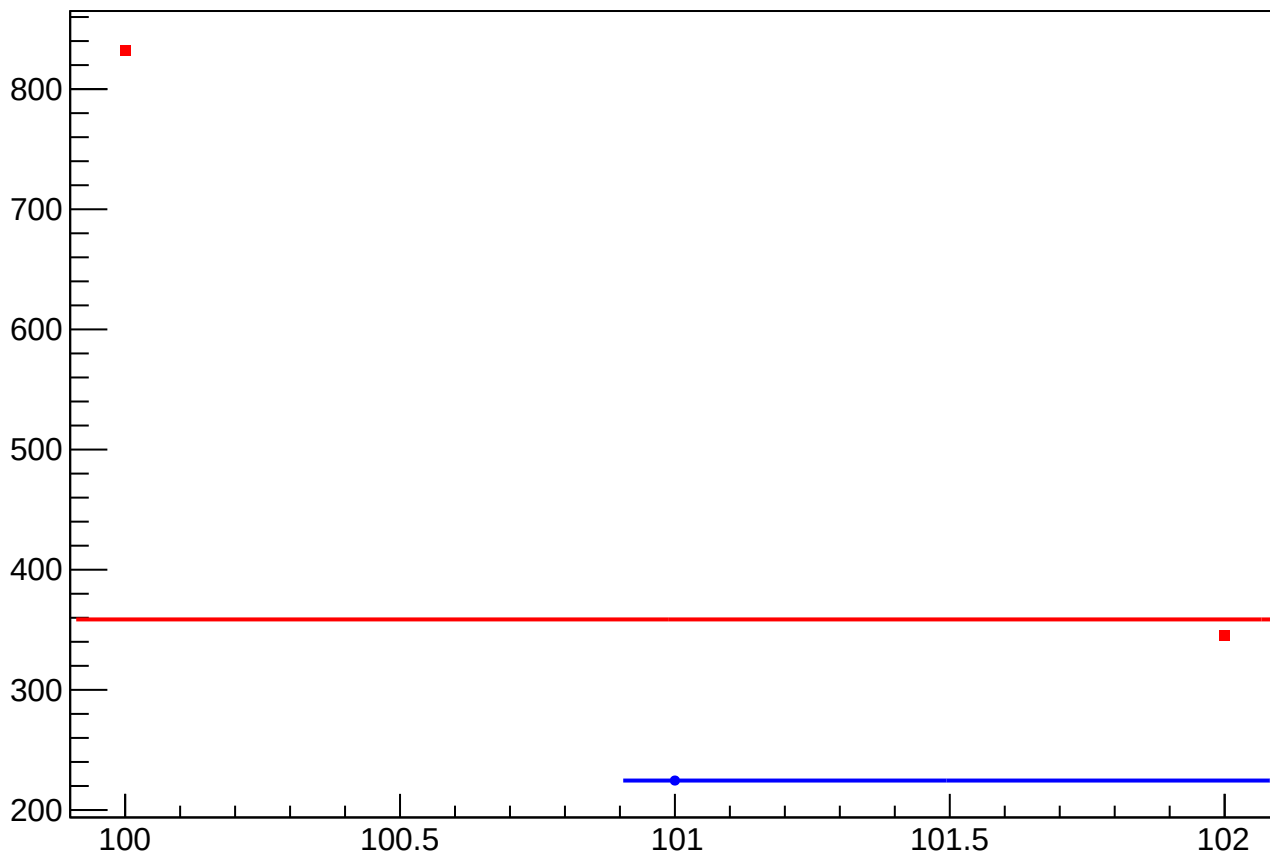
Right: 0.031 $\pm$ 0.260 χ^2 /NDF: 0.8/2

In: 0.132 $\pm$ 0.297 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.031 $\pm$ 0.260 χ^2 /NDF: 0.8/2

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 224.526+/-0.210 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 358.625+/-0.381 χ^2/NDF : 44658.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

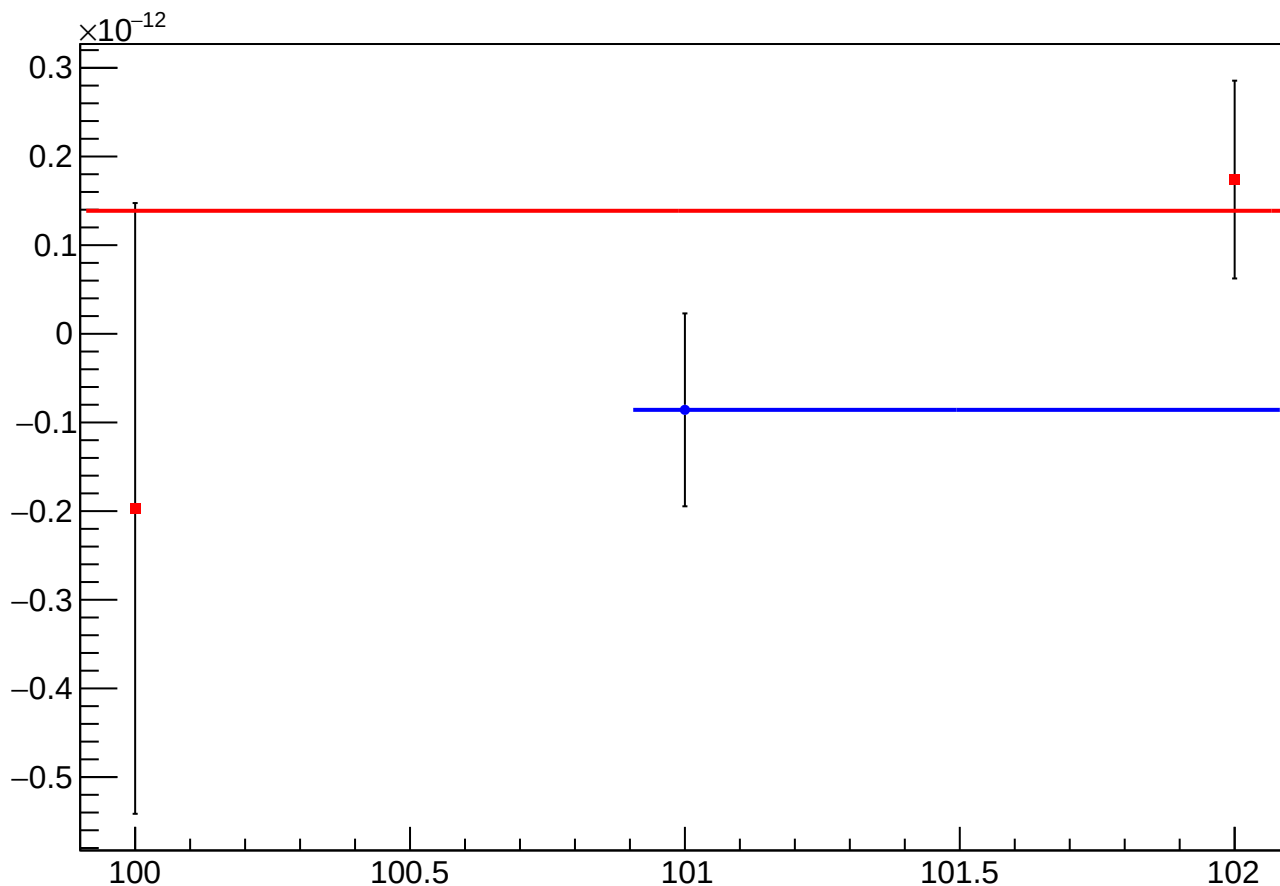
Right: 255.726+/-0.184 χ^2/NDF : 139698.5/2

In: 224.526+/-0.210 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 255.726+/-0.184 χ^2/NDF : 139698.5/2

asym_atr_dd_eigen_cor_vs_cor_diff_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: 1.0/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

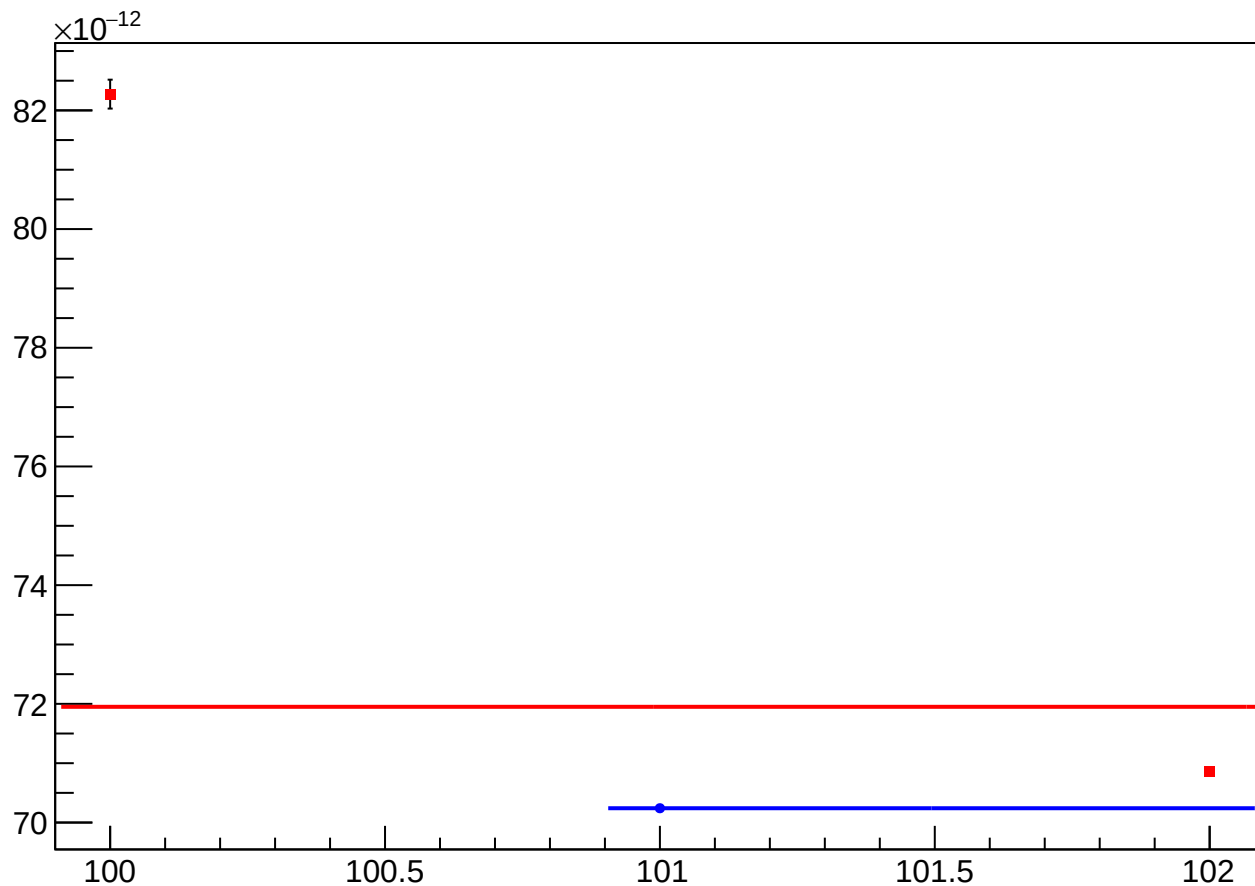
Right: 0.000+/-0.000 χ^2 /NDF: 3.2/2

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: 3.2/2

asym_atr_dd_eigen_cor_vs_cor_diff_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 : 1984.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

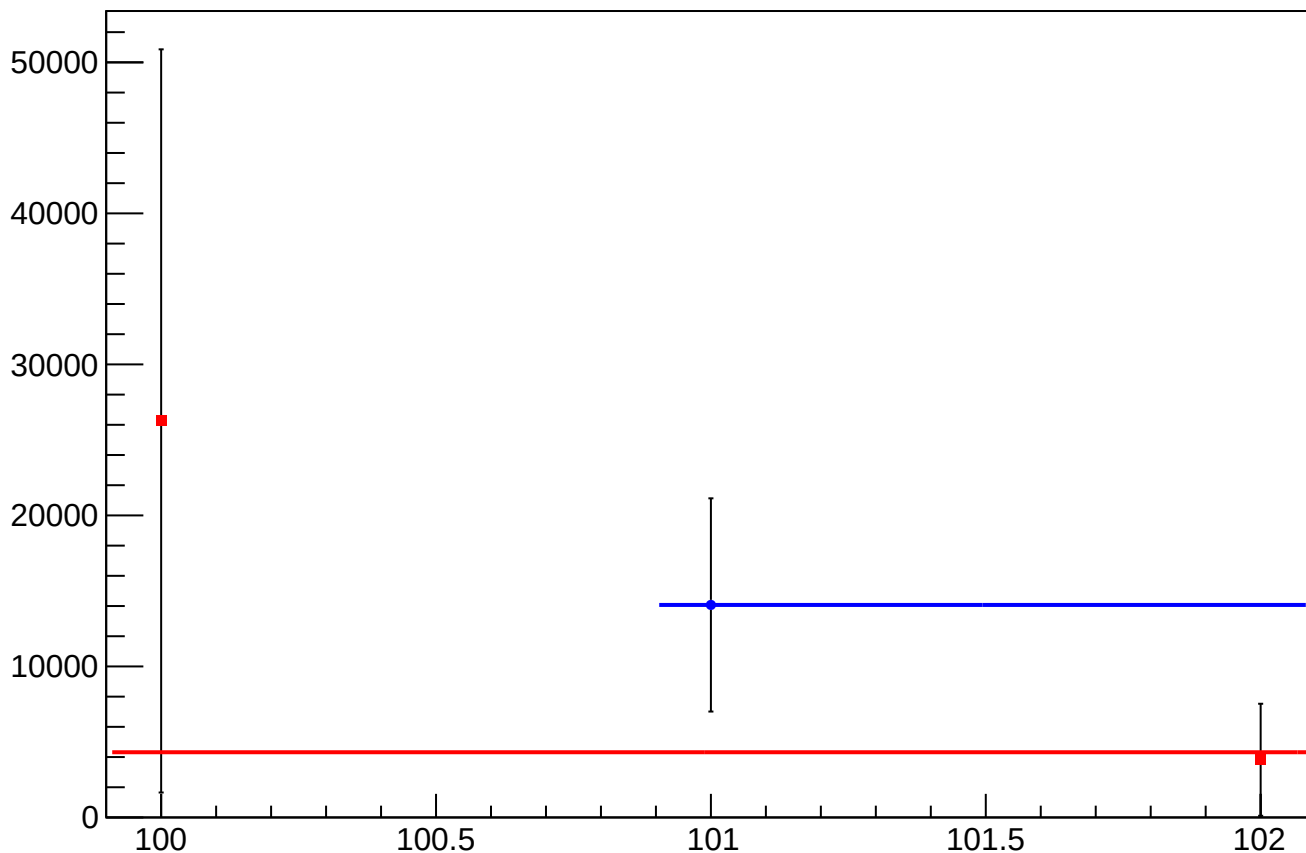
Right: 0.000+/-0.000 χ^2/NDF : 2237.8/2

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 : 2237.8/2

reg_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 14072.241+/-7059.665 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4318.088+/-3667.965 χ^2/NDF : 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

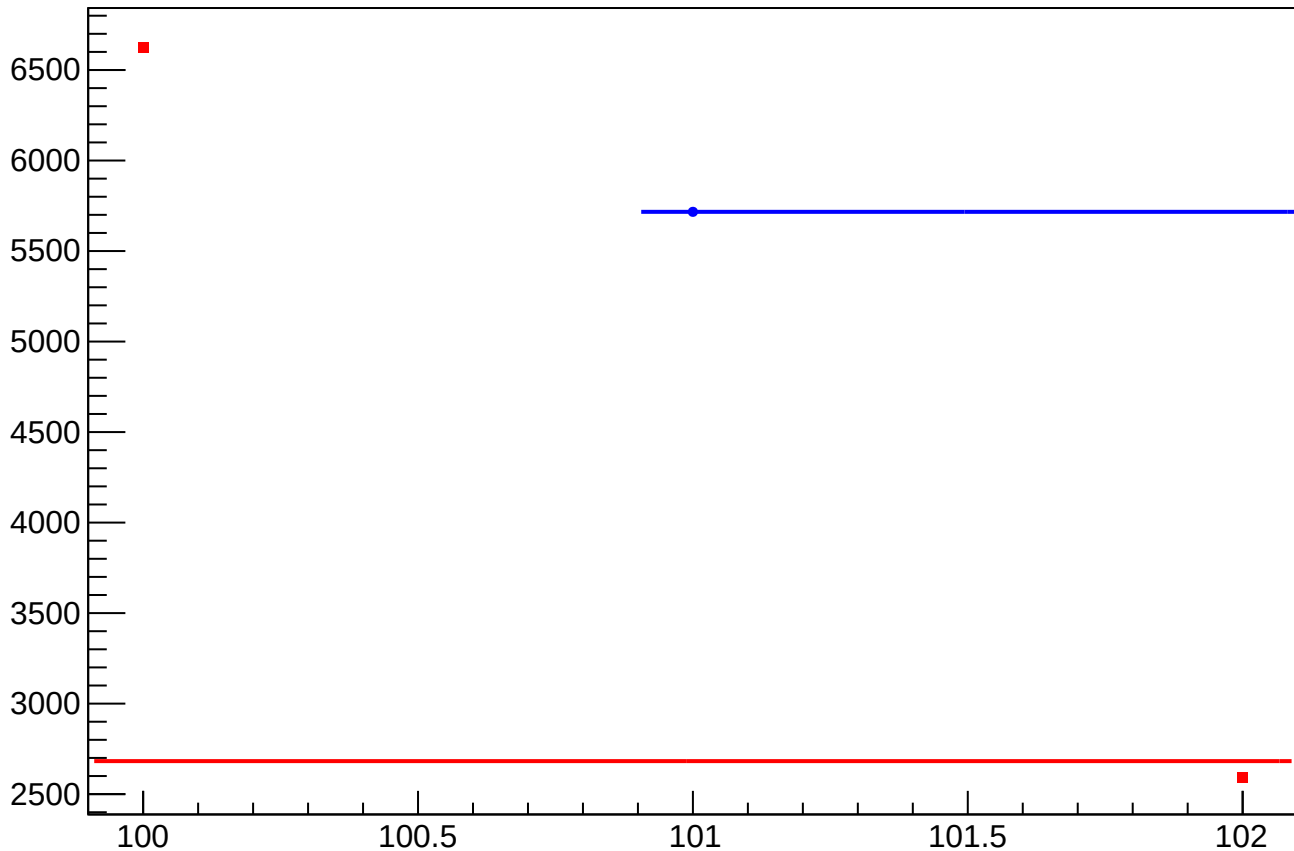
Right: 6391.498+/-3254.857 χ^2/NDF : 2.3/2

In: 14072.241+/-7059.665 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6391.498+/-3254.857 χ^2/NDF : 2.3/2

reg_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 5716.607+/-4.992 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2682.405+/-2.593 χ^2/NDF : 52452.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

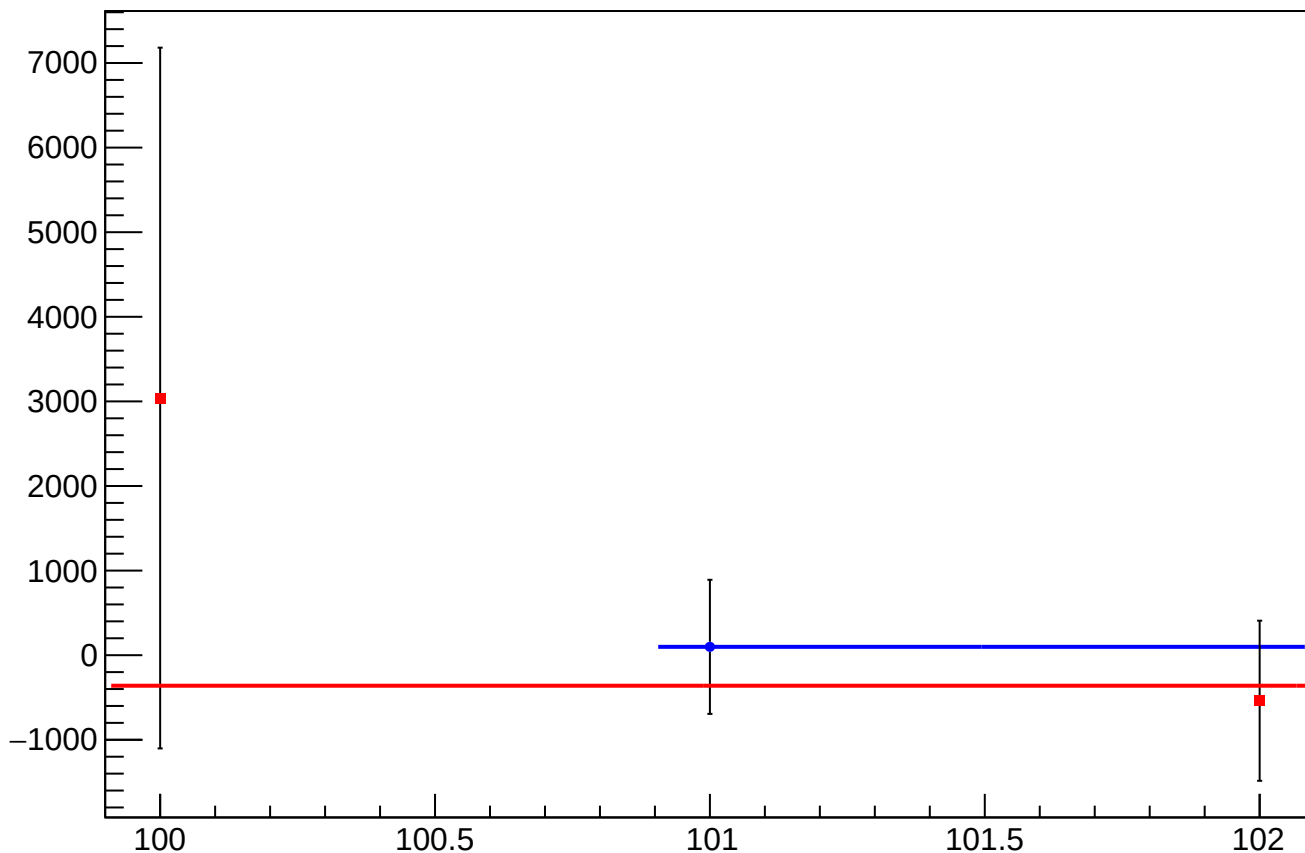
Right: 3327.309+/-2.301 χ^2/NDF : 343374.7/2

In: 5716.607+/-4.992 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3327.309+/-2.301 χ^2/NDF : 343374.7/2

asym_at1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 98.764+/-792.578 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -360.923+/-922.536 χ^2/NDF : 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

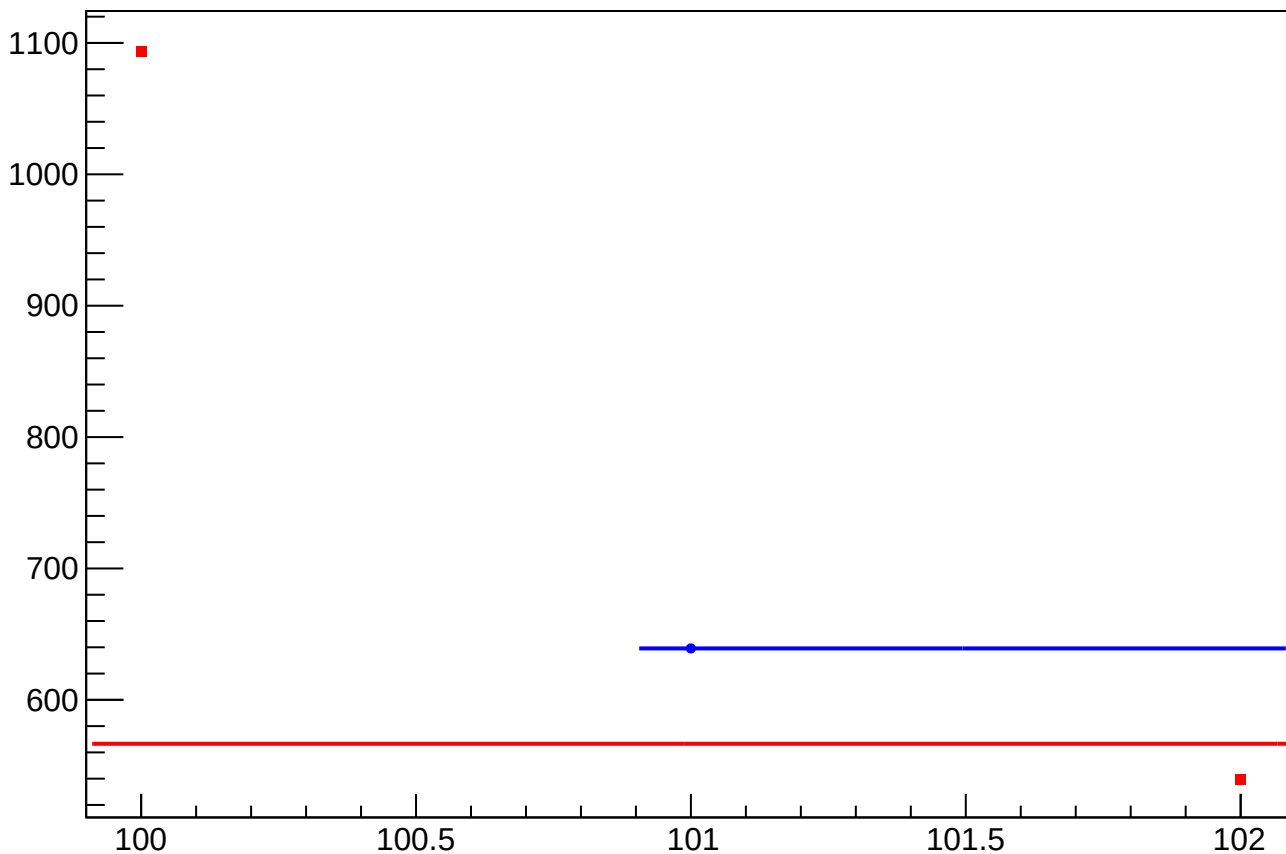
Right: -96.447+/-601.180 χ^2/NDF : 0.9/2

In: 98.764+/-792.578 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -96.447+/-601.180 χ^2/NDF : 0.9/2

asym_at1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 639.137+/-0.560 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 566.555+/-0.652 χ^2/NDF : 34062.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

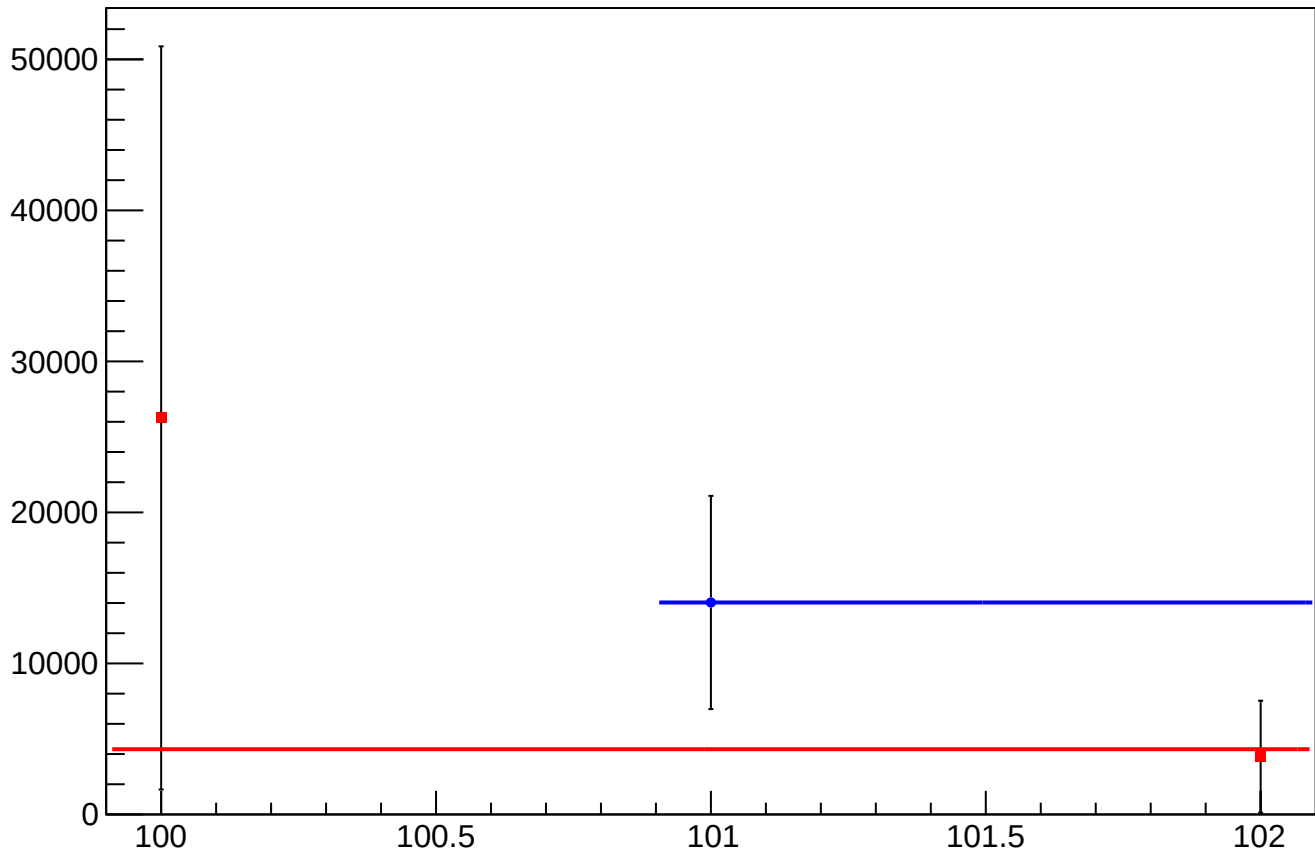
Right: 608.314+/-0.425 χ^2/NDF : 41184.8/2

In: 639.137+/-0.560 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 608.314+/-0.425 χ^2/NDF : 41184.8/2

cor_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 14036.013+/-7059.695 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4321.235+/-3667.967 χ^2/NDF : 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

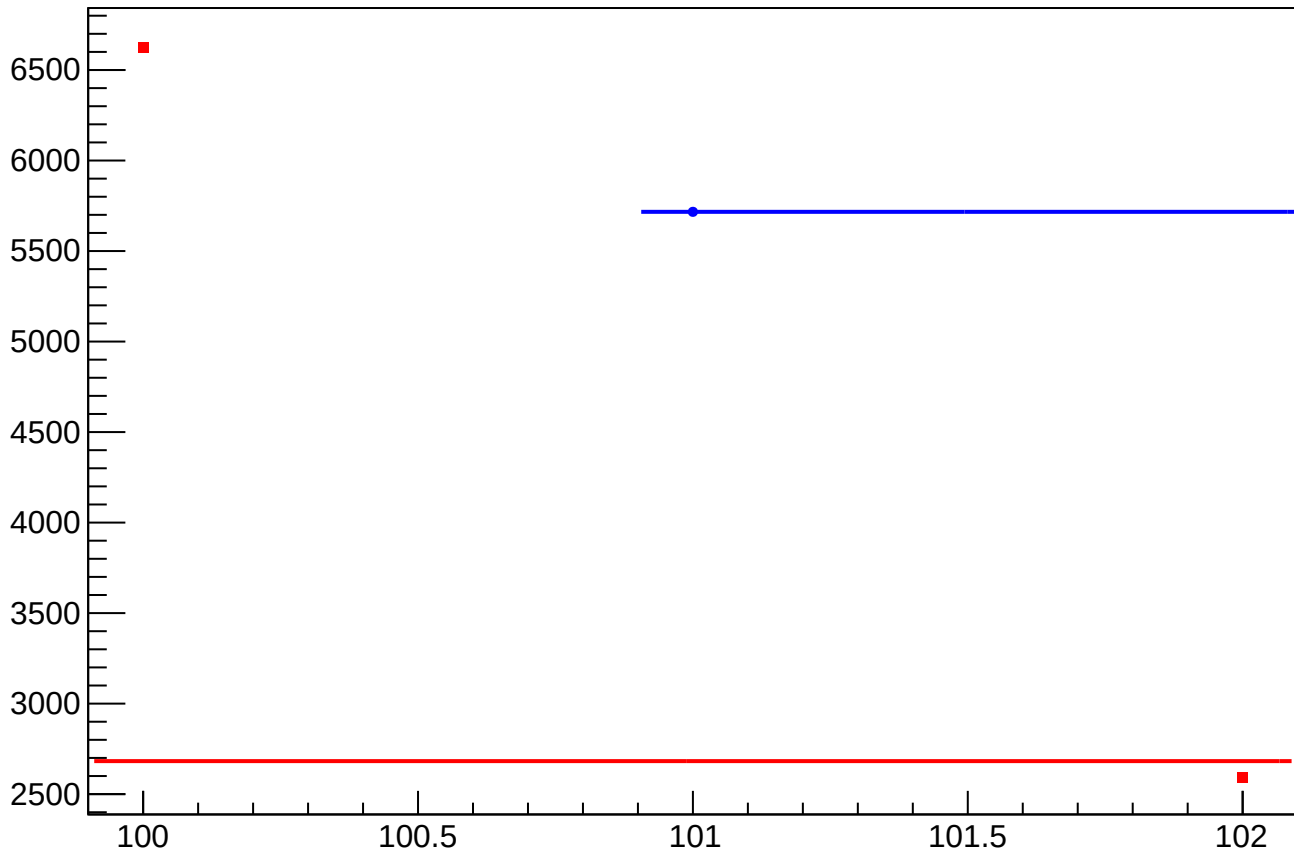
Right: 6386.264+/-3254.862 χ^2/NDF : 2.3/2

In: 14036.013+/-7059.695 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6386.264+/-3254.862 χ^2/NDF : 2.3/2

cor_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 5716.623+/-4.992 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2682.400+/-2.593 χ^2/NDF : 52452.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

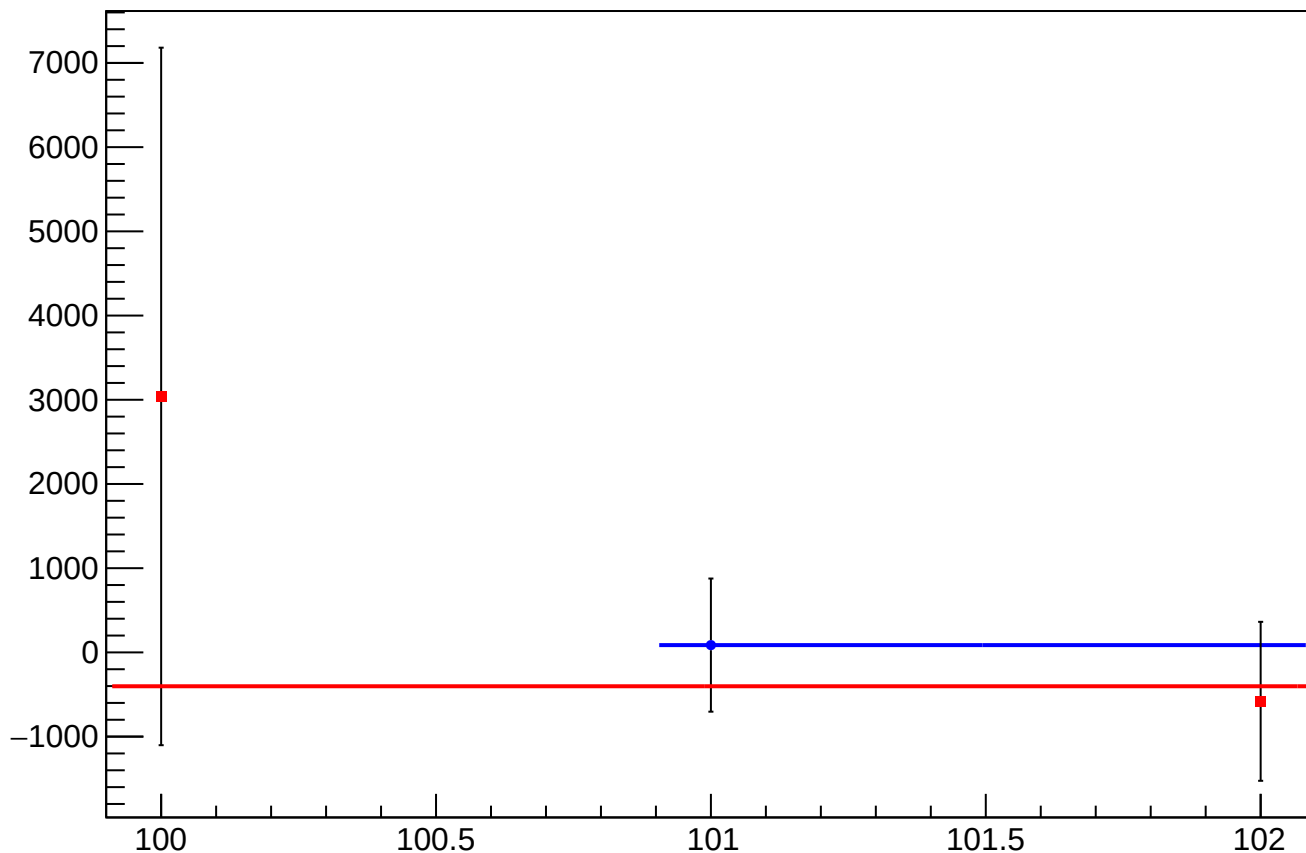
Right: 3327.304+/-2.301 χ^2/NDF : 343377.0/2

In: 5716.623+/-4.992 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3327.304+/-2.301 χ^2/NDF : 343377.0/2

asym_at1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 86.562+/-790.580 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -402.168+/-920.301 χ^2/NDF : 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

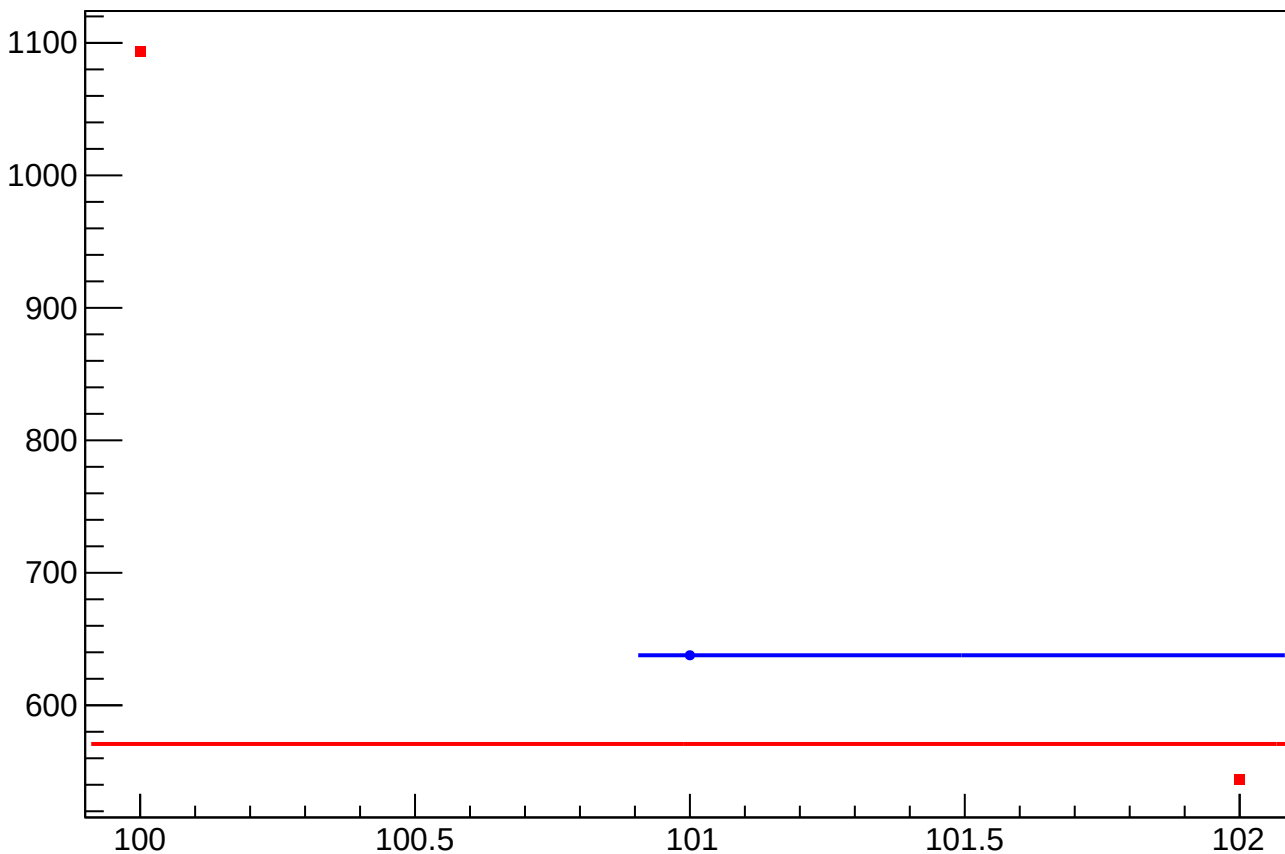
Right: -120.959+/-599.689 χ^2/NDF : 0.9/2

In: 86.562+/-790.580 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -120.959+/-599.689 χ^2/NDF : 0.9/2

asym_at1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 637.750 $\pm$ 0.559 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 570.810 $\pm$ 0.651 χ^2 /NDF: 33505.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

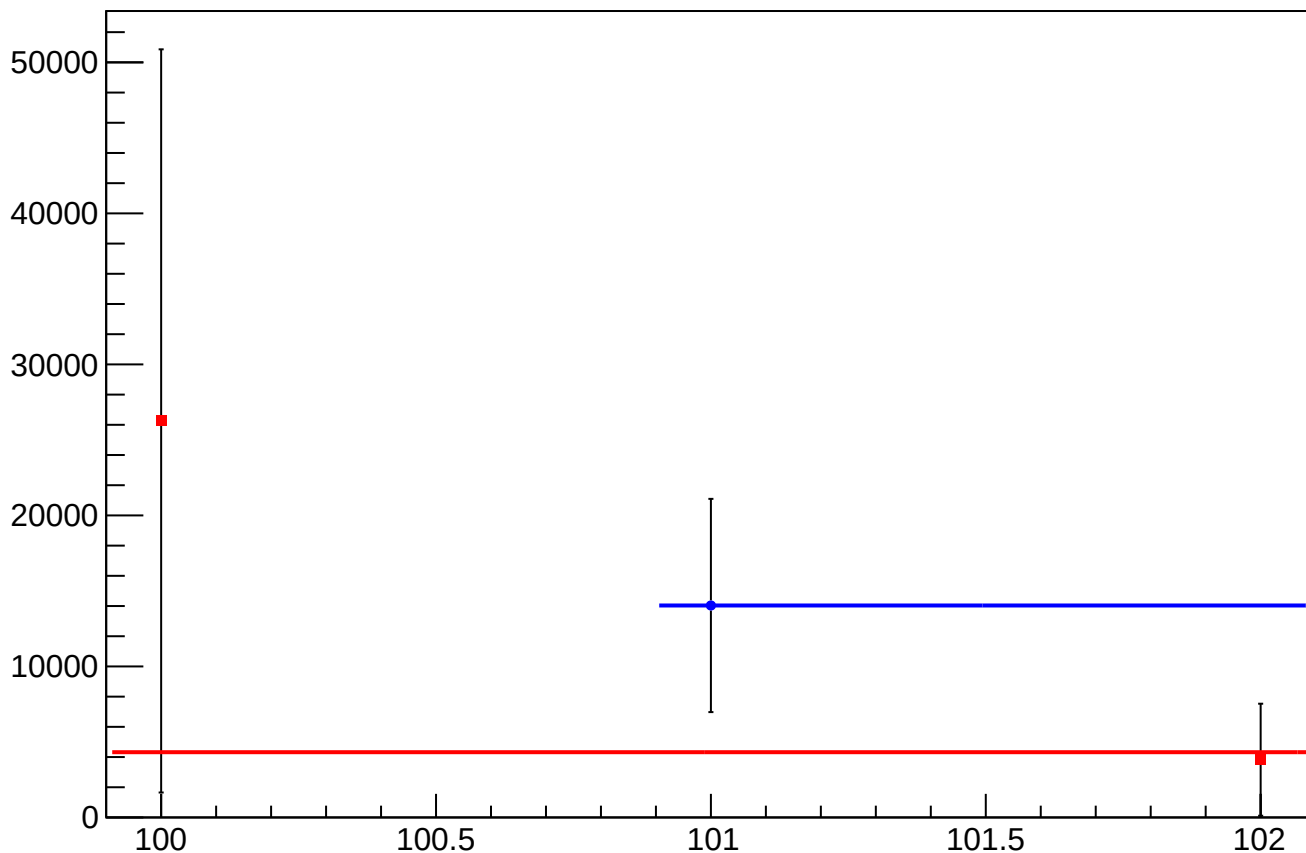
Right: 609.327 $\pm$ 0.424 χ^2 /NDF: 39594.1/2

In: 637.750 $\pm$ 0.559 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 609.327 $\pm$ 0.424 χ^2 /NDF: 39594.1/2

eigen_cor_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 14036.013+/-7059.695 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4321.235+/-3667.967 χ^2/NDF : 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

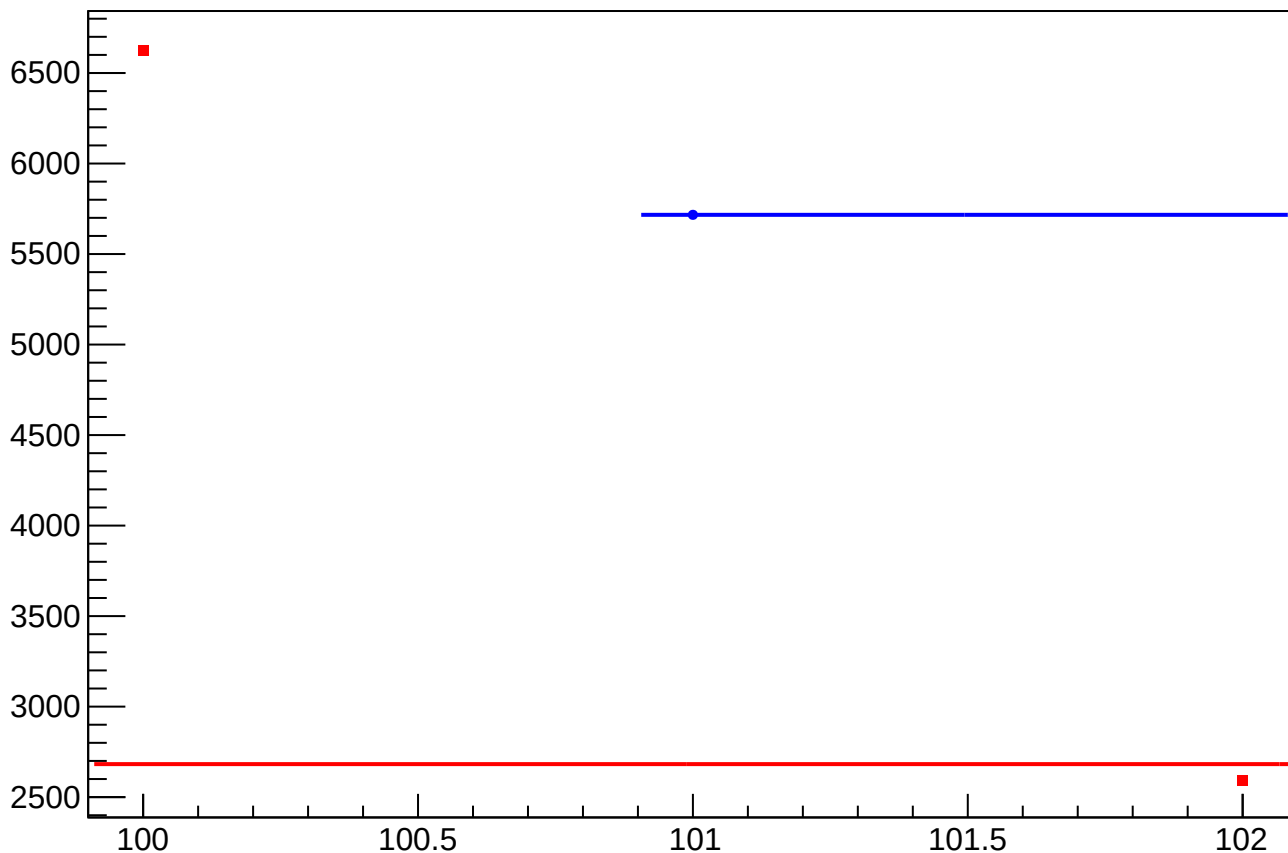
Right: 6386.264+/-3254.862 χ^2/NDF : 2.3/2

In: 14036.013+/-7059.695 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6386.264+/-3254.862 χ^2/NDF : 2.3/2

eigen_cor_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 5716.623+/-4.992 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2682.400+/-2.593 χ^2/NDF : 52452.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

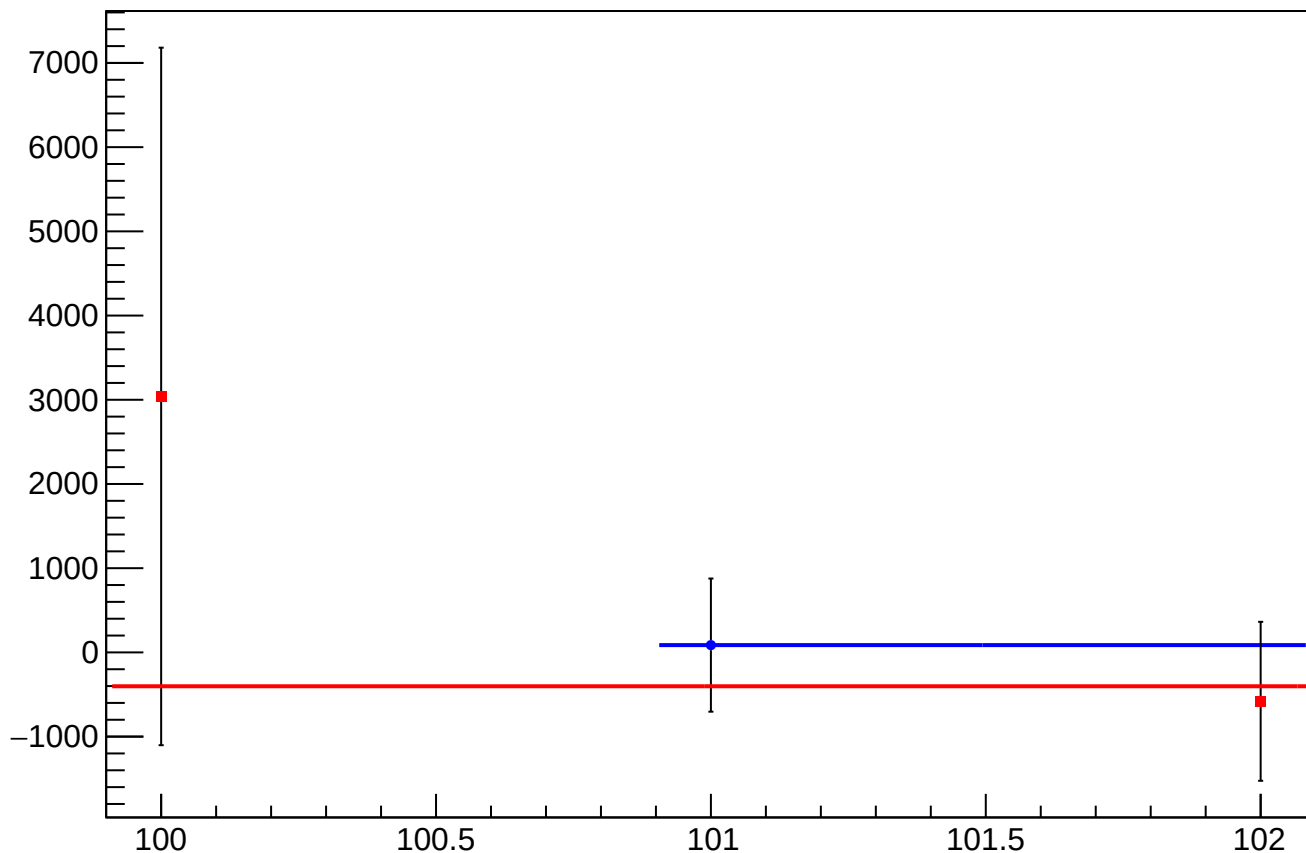
Right: 3327.304+/-2.301 χ^2/NDF : 343377.0/2

In: 5716.623+/-4.992 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3327.304+/-2.301 χ^2/NDF : 343377.0/2

asym_at1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 86.562+/-790.580 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -402.168+/-920.301 χ^2/NDF : 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

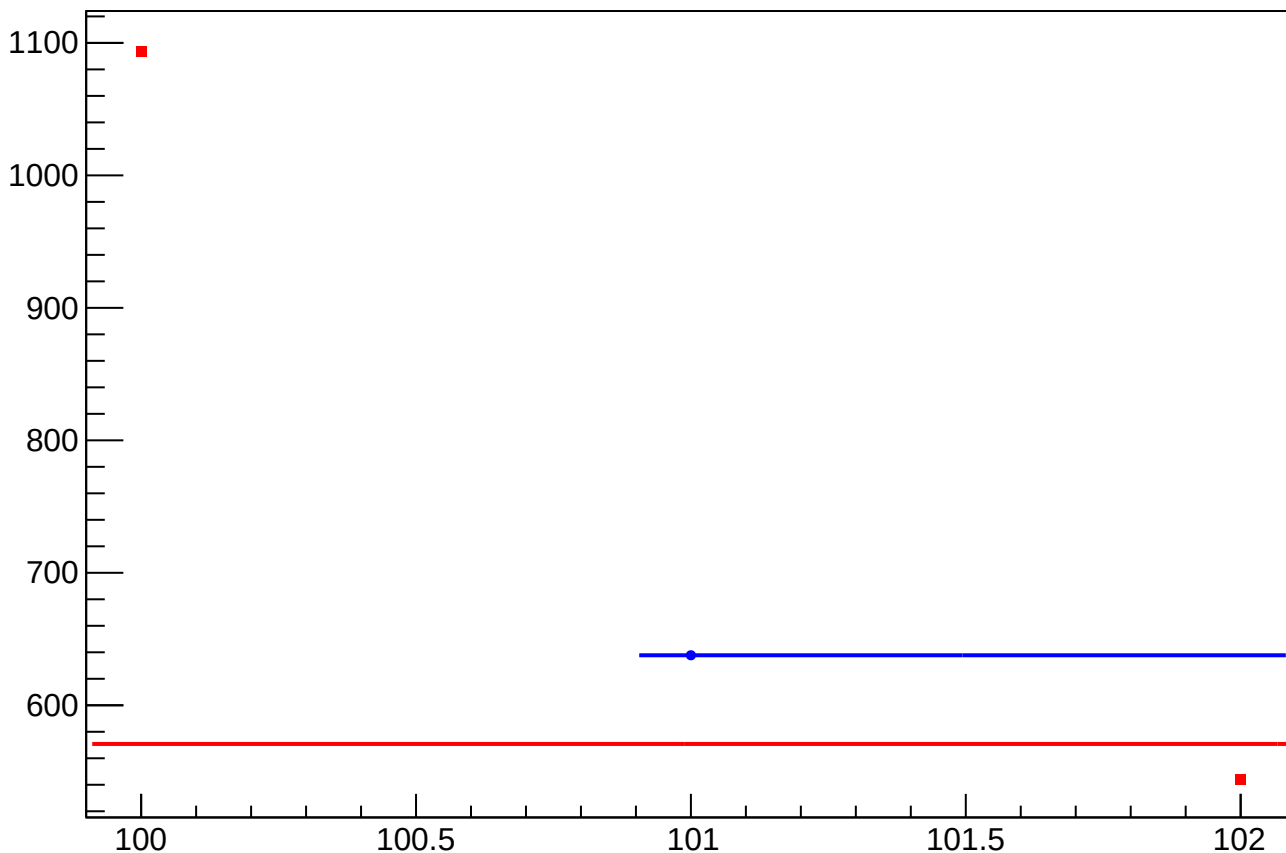
Right: -120.959+/-599.689 χ^2/NDF : 0.9/2

In: 86.562+/-790.580 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -120.959+/-599.689 χ^2/NDF : 0.9/2

asym_at1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 637.750+/-0.559 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 570.810+/-0.651 χ^2/NDF : 33505.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

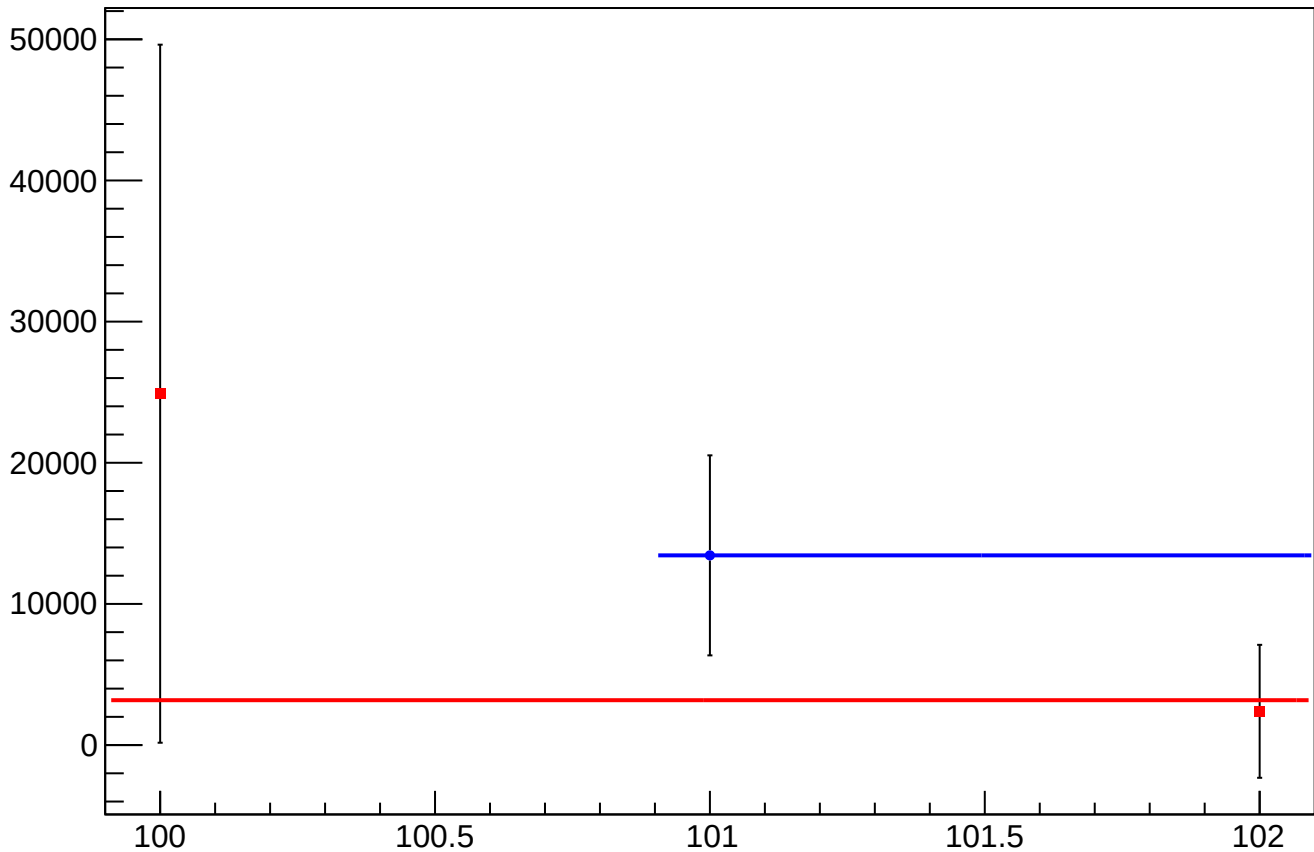
Right: 609.327+/-0.424 χ^2/NDF : 39594.1/2

In: 637.750+/-0.559 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 609.327+/-0.424 χ^2/NDF : 39594.1/2

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 13440.249+/-7086.081 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3179.538+/-4626.685 χ^2/NDF : 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

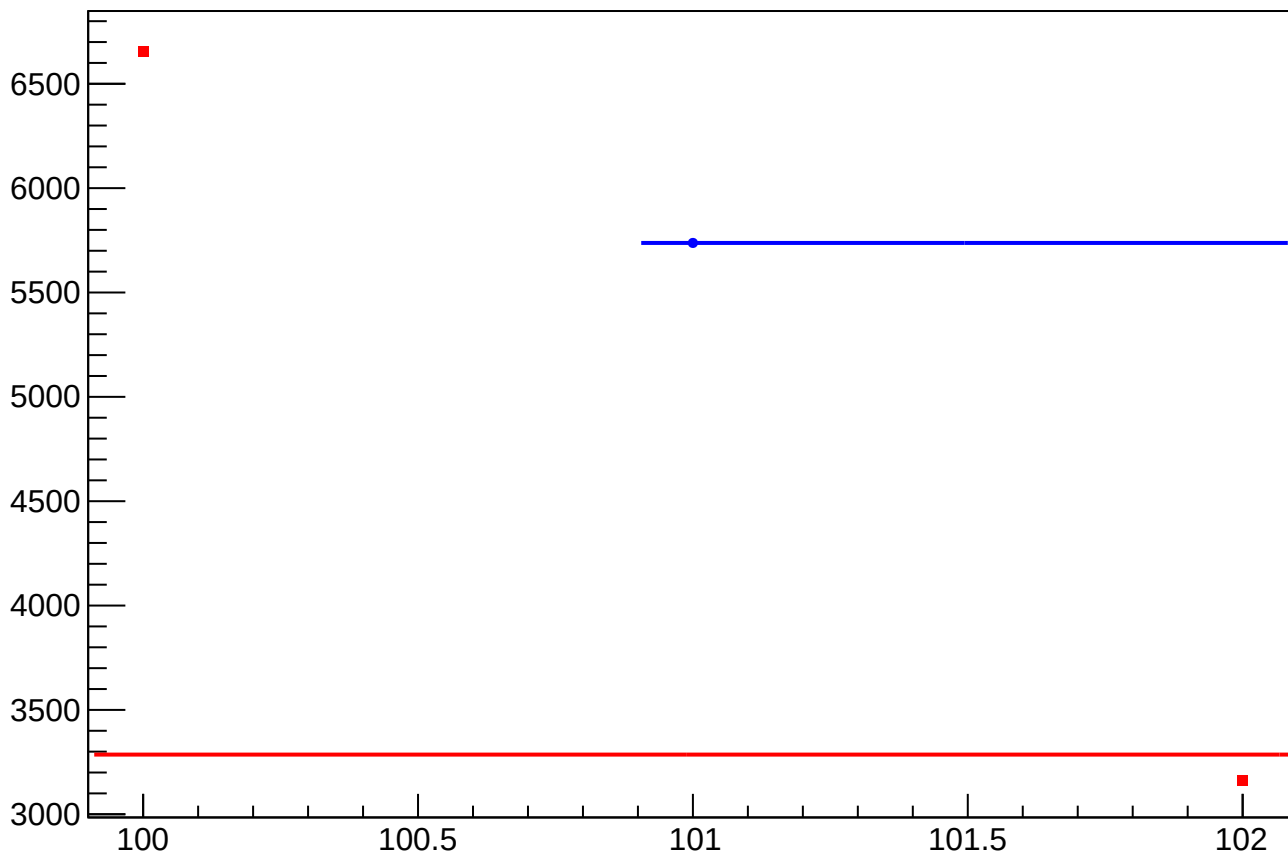
Right: 6246.374+/-3874.027 χ^2/NDF : 2.3/2

In: 13440.249+/-7086.081 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6246.374+/-3874.027 χ^2/NDF : 2.3/2

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 5737.473+/-5.011 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3285.895+/-3.271 χ^2/NDF : 38488.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

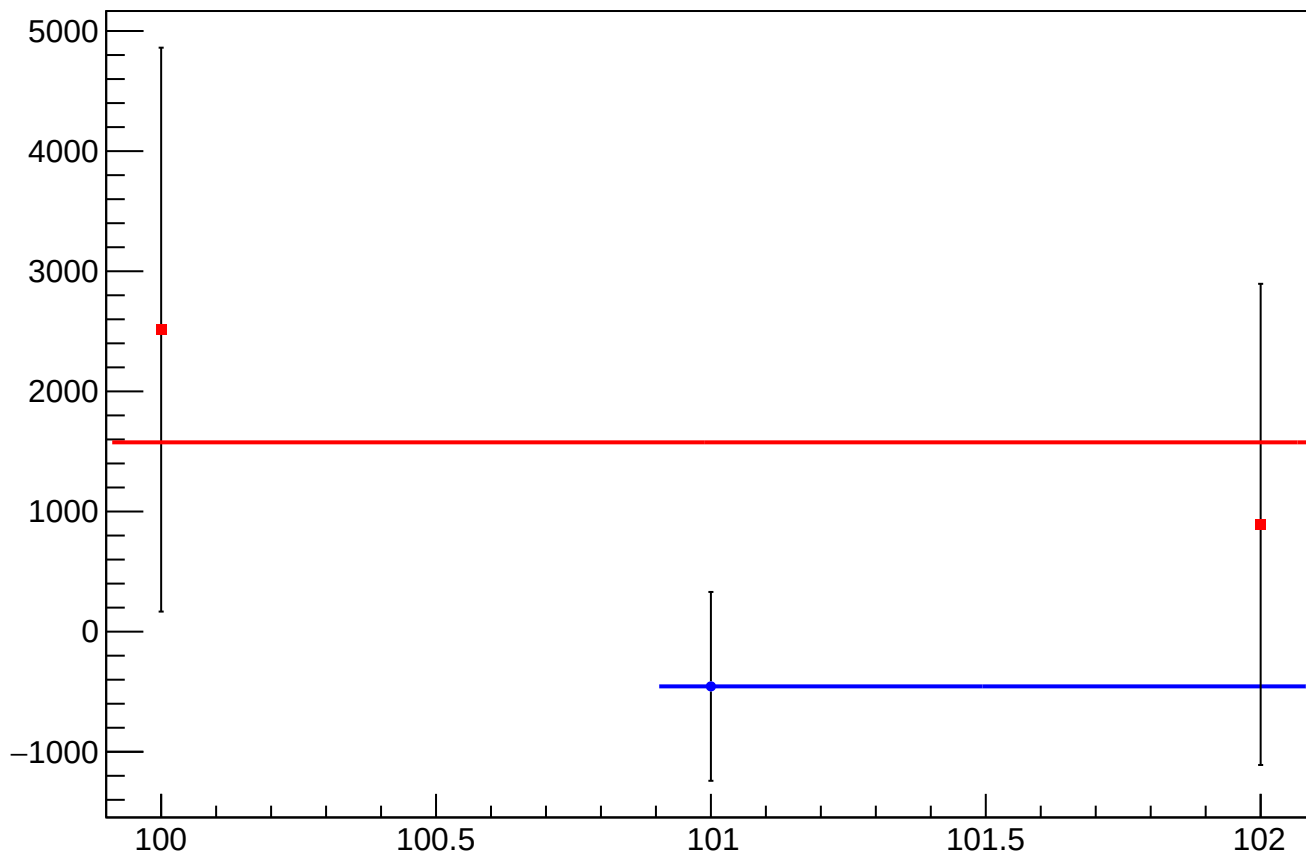
Right: 4018.544+/-2.739 χ^2/NDF : 206338.9/2

In: 5737.473+/-5.011 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4018.544+/-2.739 χ^2/NDF : 206338.9/2

asym_at1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -455.574+/-786.020 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1575.839+/-1523.481 χ^2 /NDF: 0.3/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

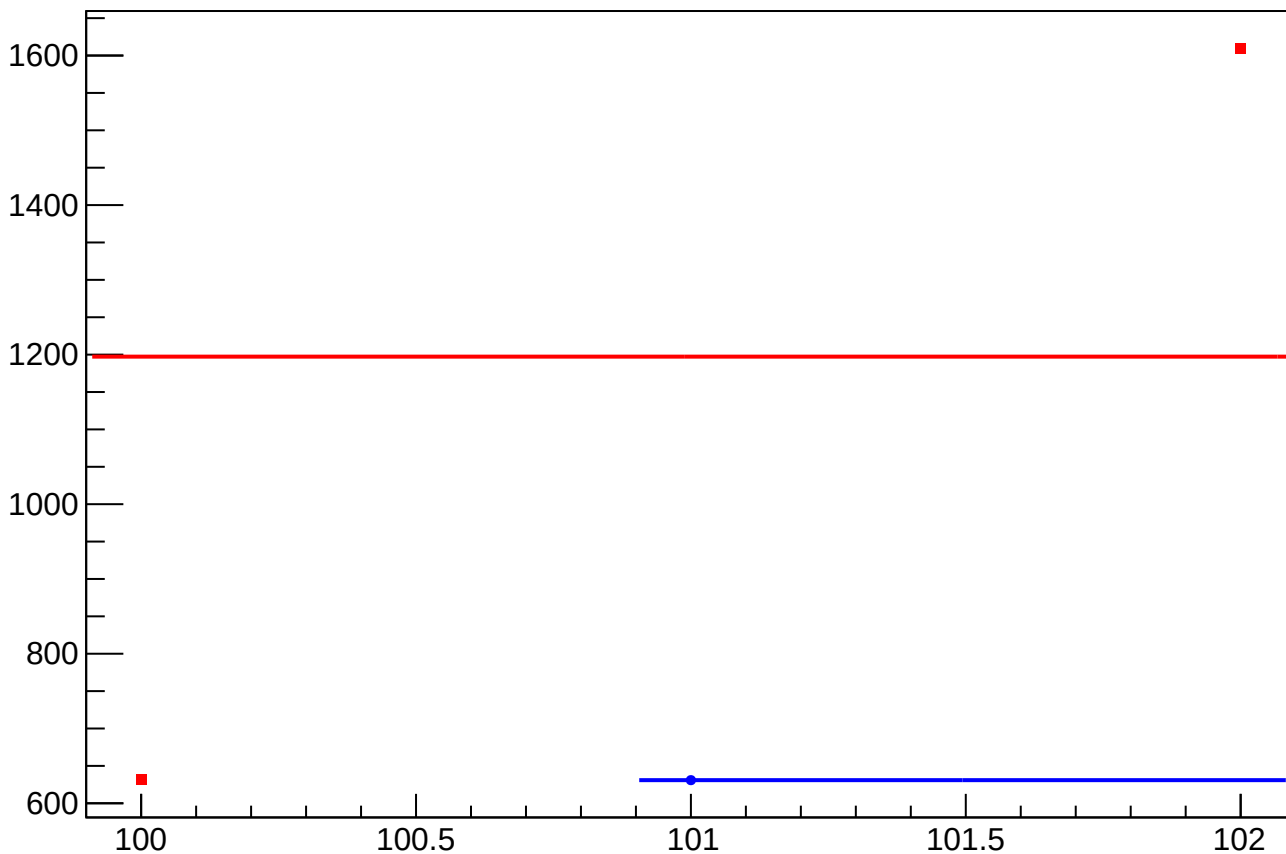
Right: -28.510+/-698.529 χ^2 /NDF: 1.7/2

In: -455.574+/-786.020 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -28.510+/-698.529 χ^2 /NDF: 1.7/2

asym_at1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 630.925 $\pm$ 0.556 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1197.325 $\pm$ 1.077 χ^2 /NDF: 200692.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

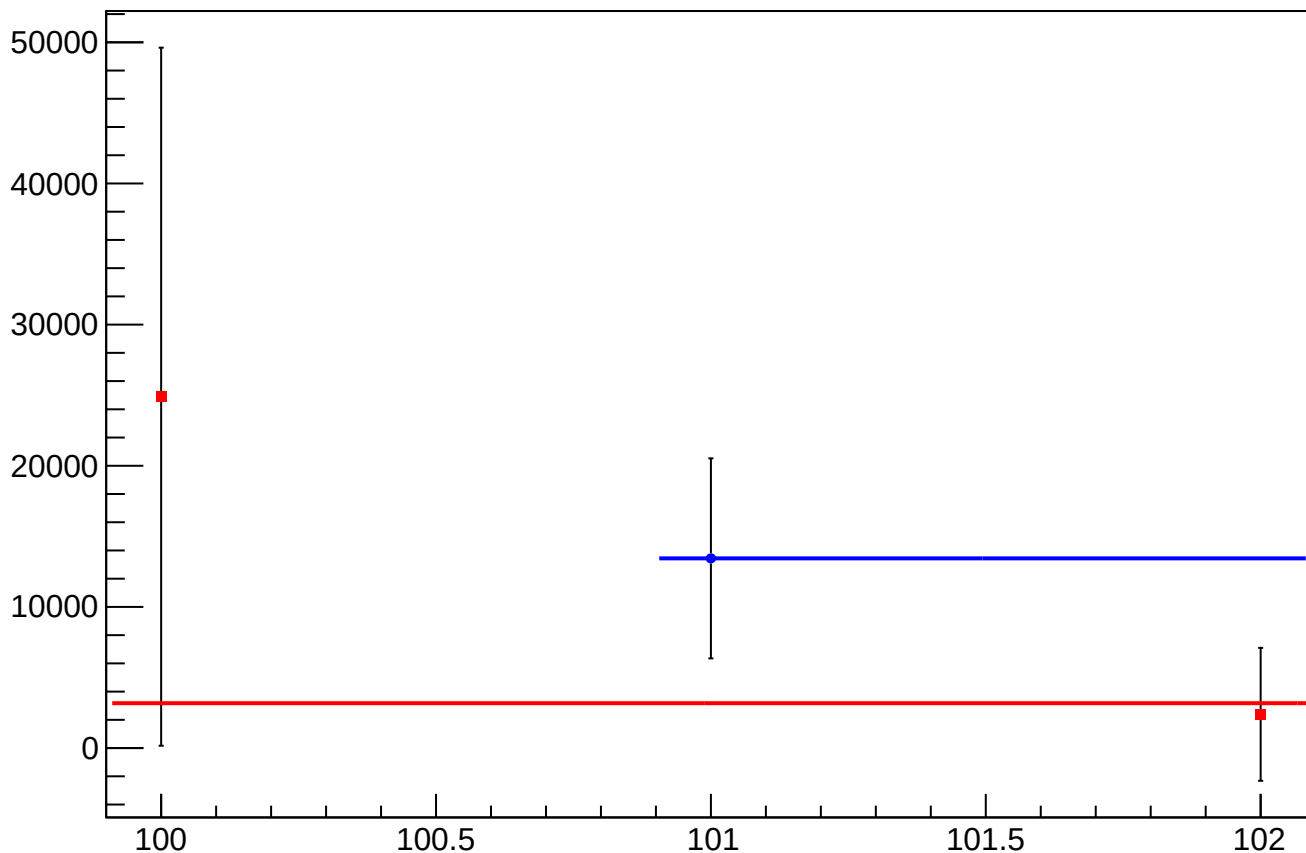
Right: 749.999 $\pm$ 0.494 χ^2 /NDF: 419016.3/2

In: 630.925 $\pm$ 0.556 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 749.999 $\pm$ 0.494 χ^2 /NDF: 419016.3/2

eigen_dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 13440.246+/-7086.082 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3179.501+/-4626.679 χ^2/NDF : 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

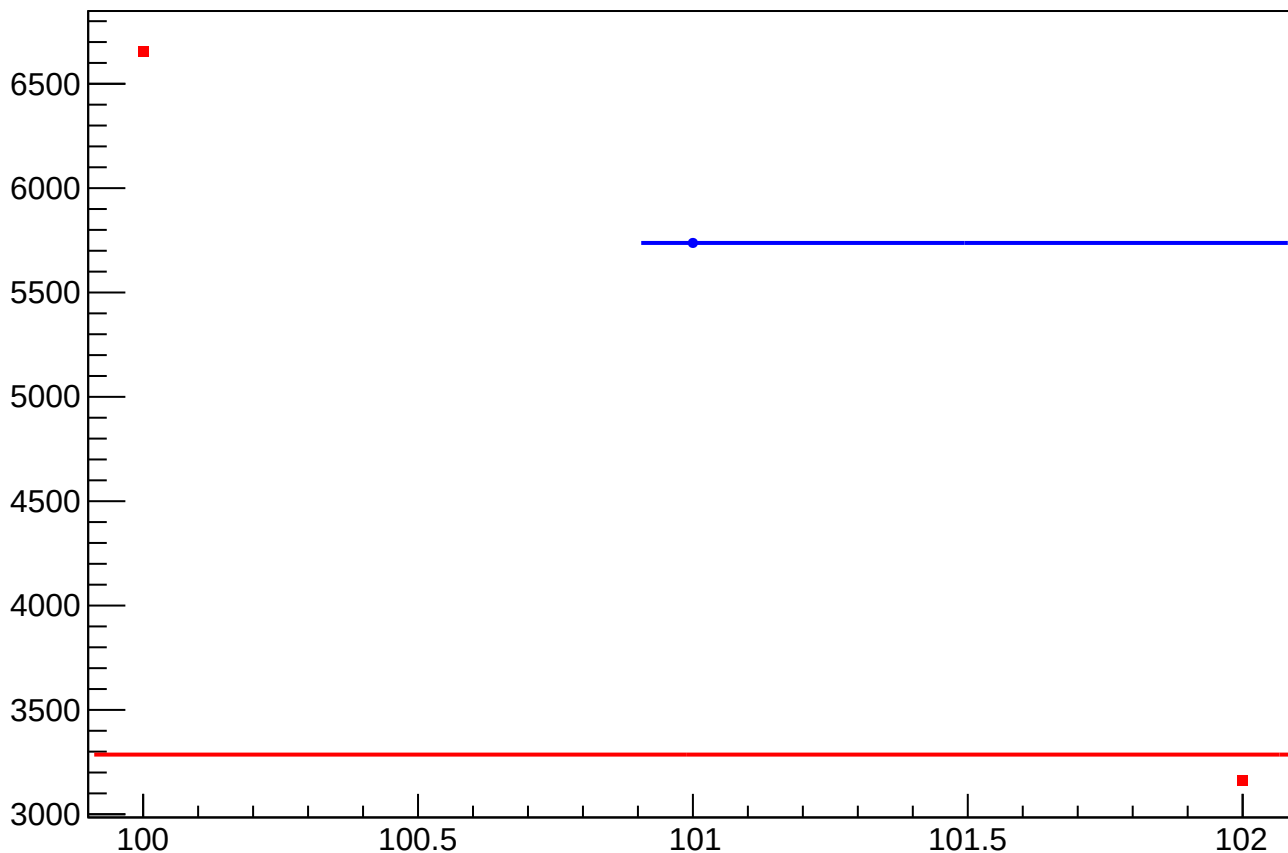
Right: 6246.342+/-3874.024 χ^2/NDF : 2.3/2

In: 13440.246+/-7086.082 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6246.342+/-3874.024 χ^2/NDF : 2.3/2

eigen_dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 5737.473+/-5.011 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 3285.889+/-3.271 χ^2 /NDF: 38488.9/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

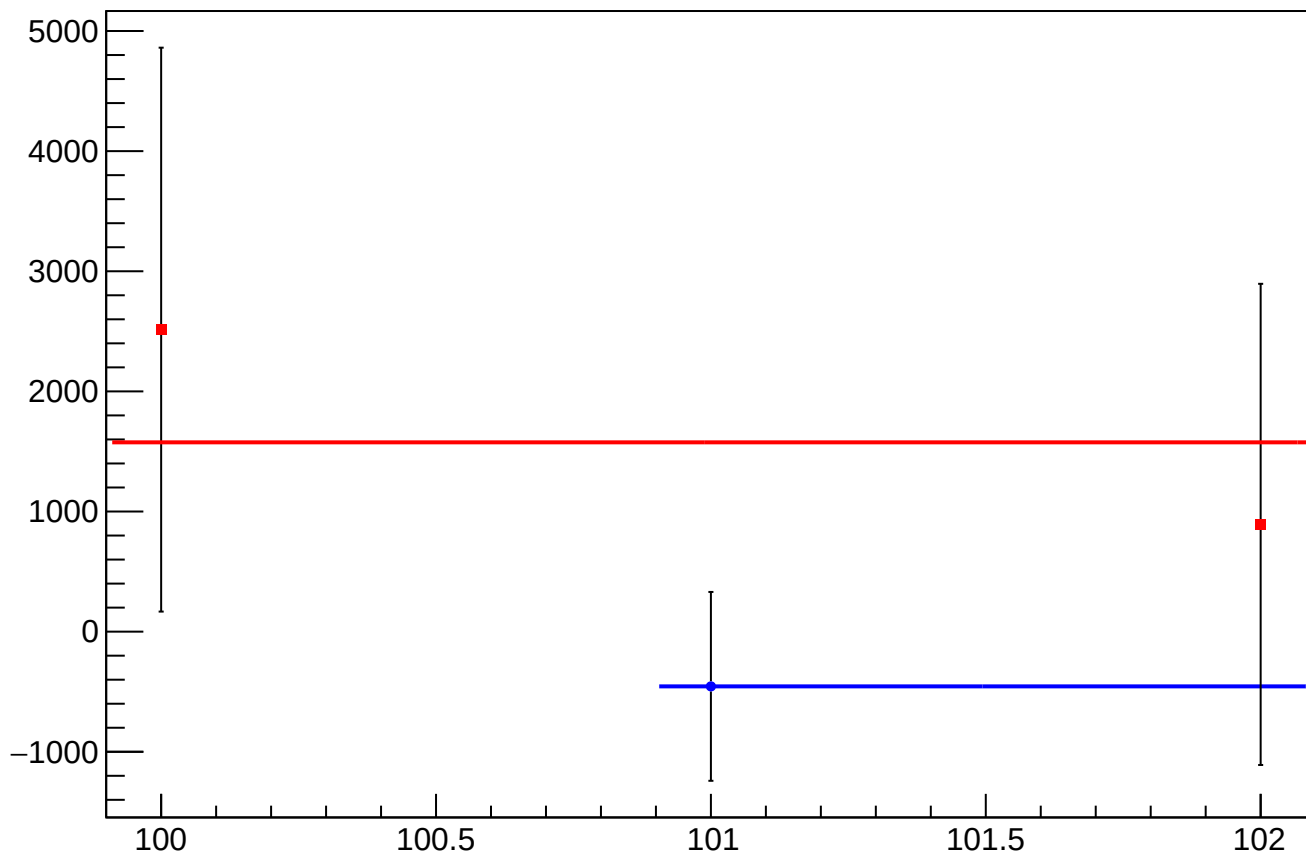
Right: 4018.538+/-2.739 χ^2 /NDF: 206339.9/2

In: 5737.473+/-5.011 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 4018.538+/-2.739 χ^2 /NDF: 206339.9/2

asym_at1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -455.574+/-786.019 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1575.849+/-1523.482 χ^2/NDF : 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

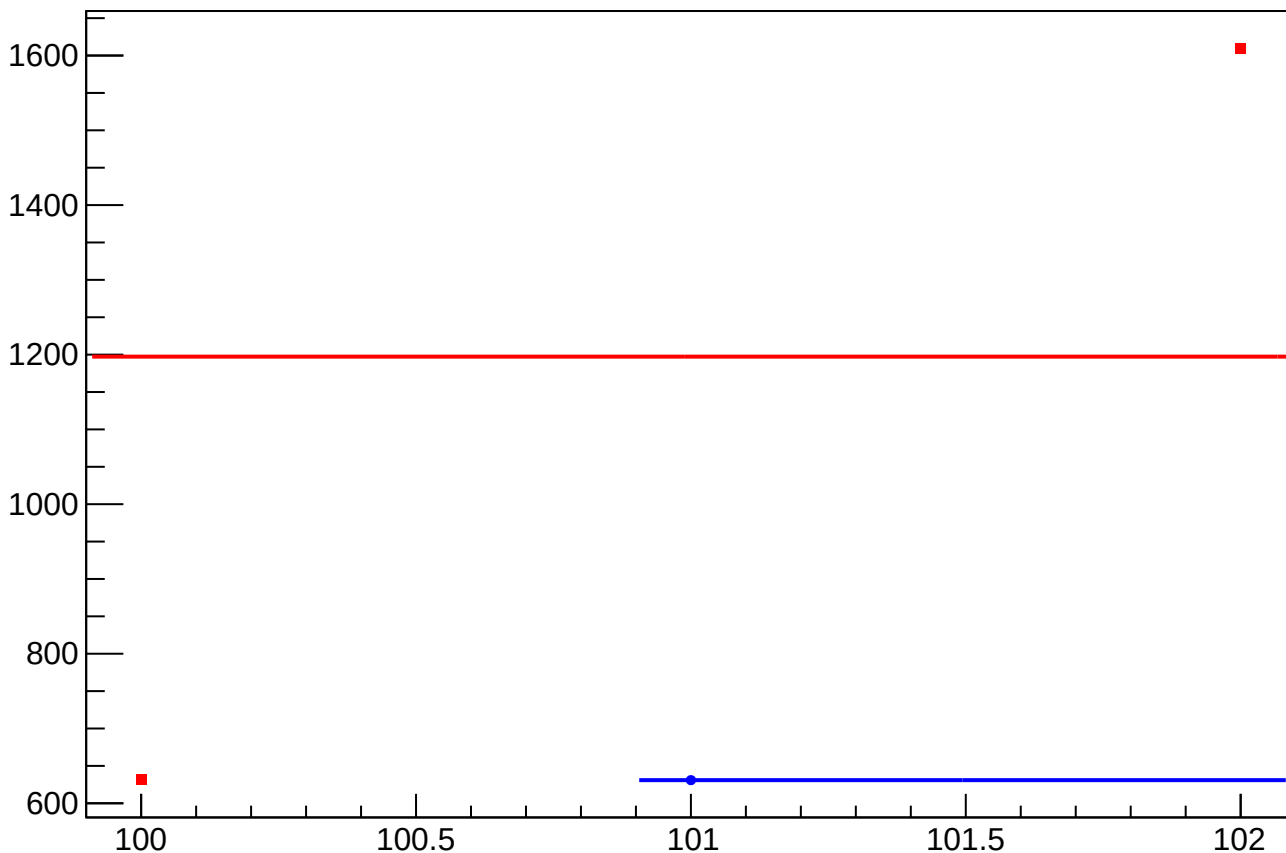
Right: -28.511+/-698.527 χ^2/NDF : 1.7/2

In: -455.574+/-786.019 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.511+/-698.527 χ^2/NDF : 1.7/2

asym_at1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 630.924 $\pm$ 0.556 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1197.324 $\pm$ 1.077 χ^2 /NDF: 200694.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

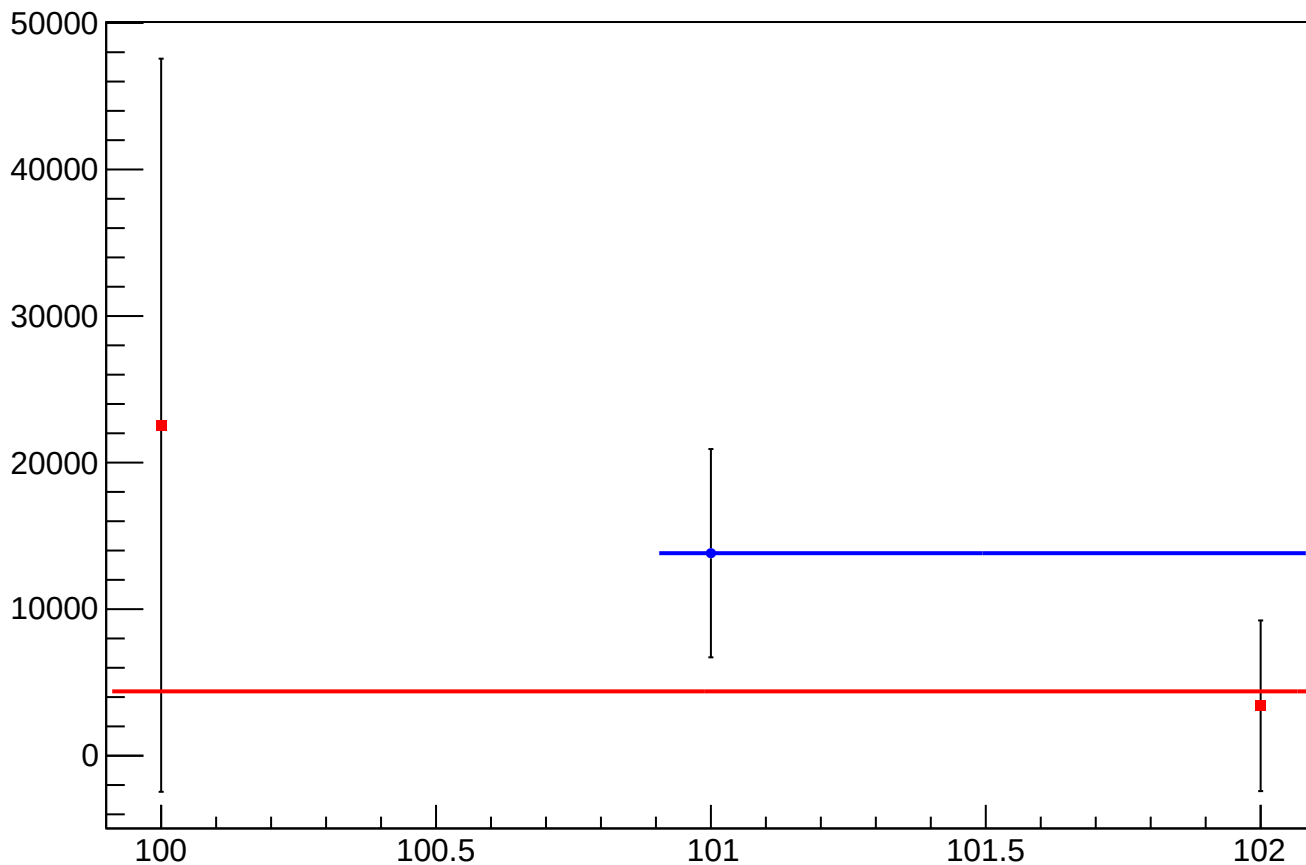
Right: 749.997 $\pm$ 0.494 χ^2 /NDF: 419019.9/2

In: 630.924 $\pm$ 0.556 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 749.997 $\pm$ 0.494 χ^2 /NDF: 419019.9/2

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 13818.625+/-7106.281 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4390.611+/-5671.076 χ^2/NDF : 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

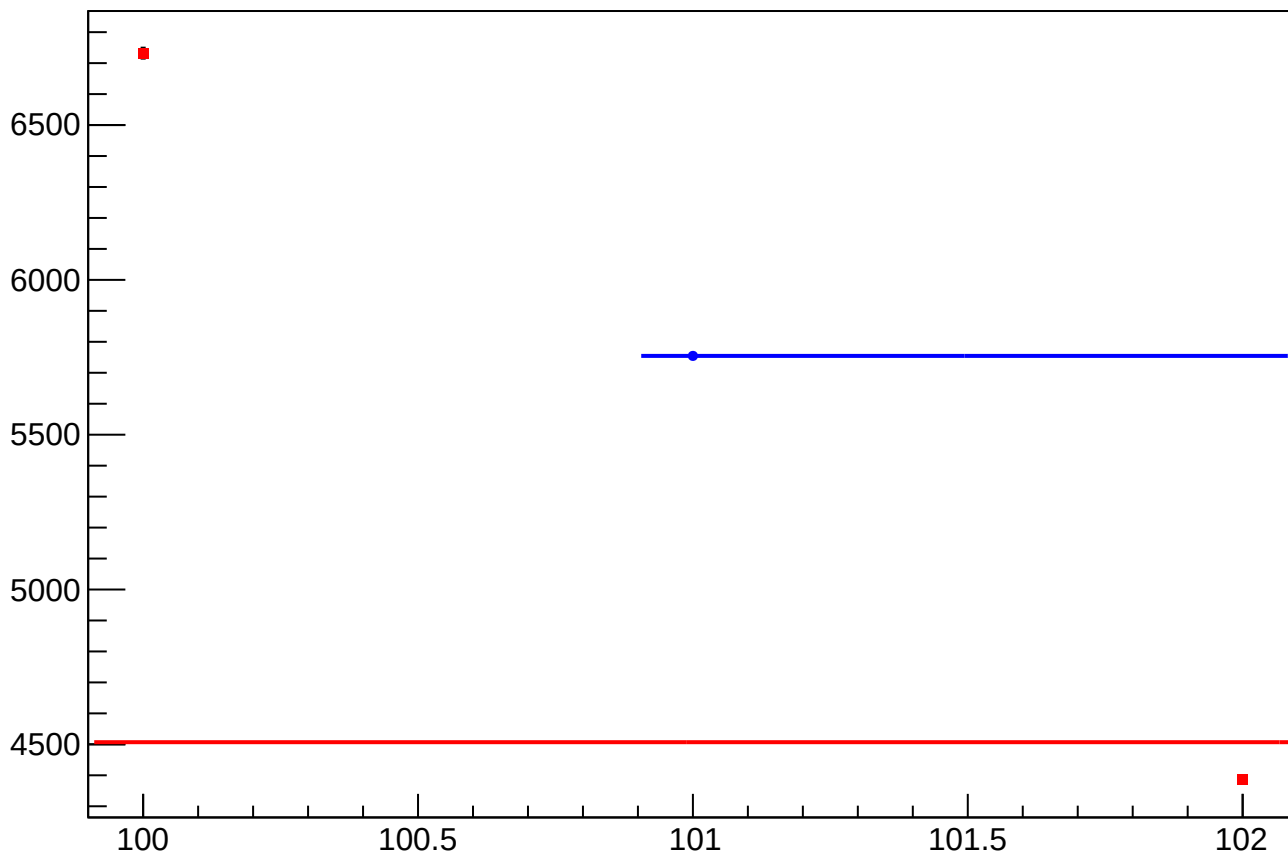
Right: 8058.819+/-4432.607 χ^2/NDF : 1.6/2

In: 13818.625+/-7106.281 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8058.819+/-4432.607 χ^2/NDF : 1.6/2

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 5754.492 $\pm$ 5.025 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4506.936 $\pm$ 4.009 χ^2 /NDF: 16689.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

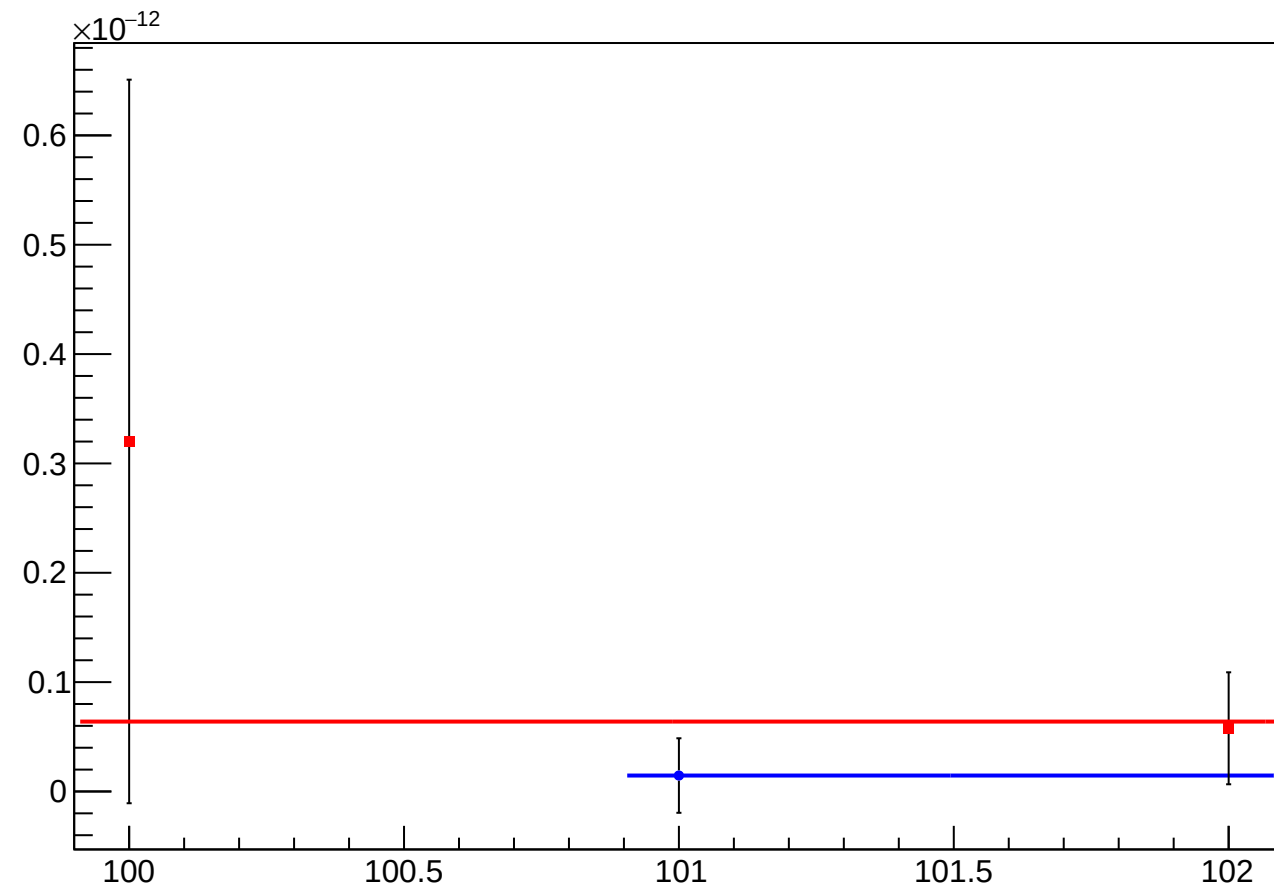
Right: 4992.236 $\pm$ 3.134 χ^2 /NDF: 54351.5/2

In: 5754.492 $\pm$ 5.025 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4992.236 $\pm$ 3.134 χ^2 /NDF: 54351.5/2

asym_at1_avg_reg_vs_cor_diff_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 : 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

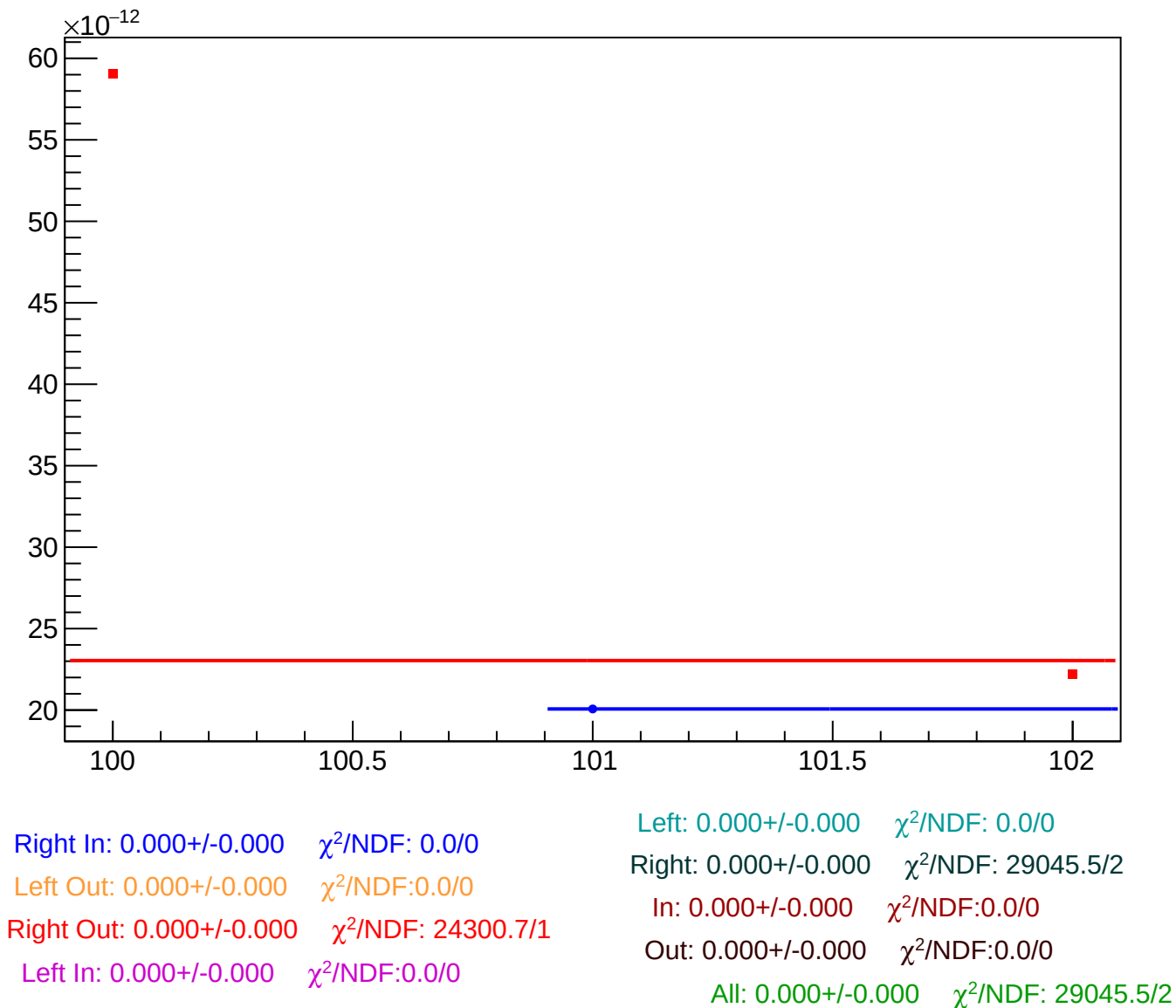
Right: 0.000+/-0.000 χ^2/NDF : 1.3/2

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

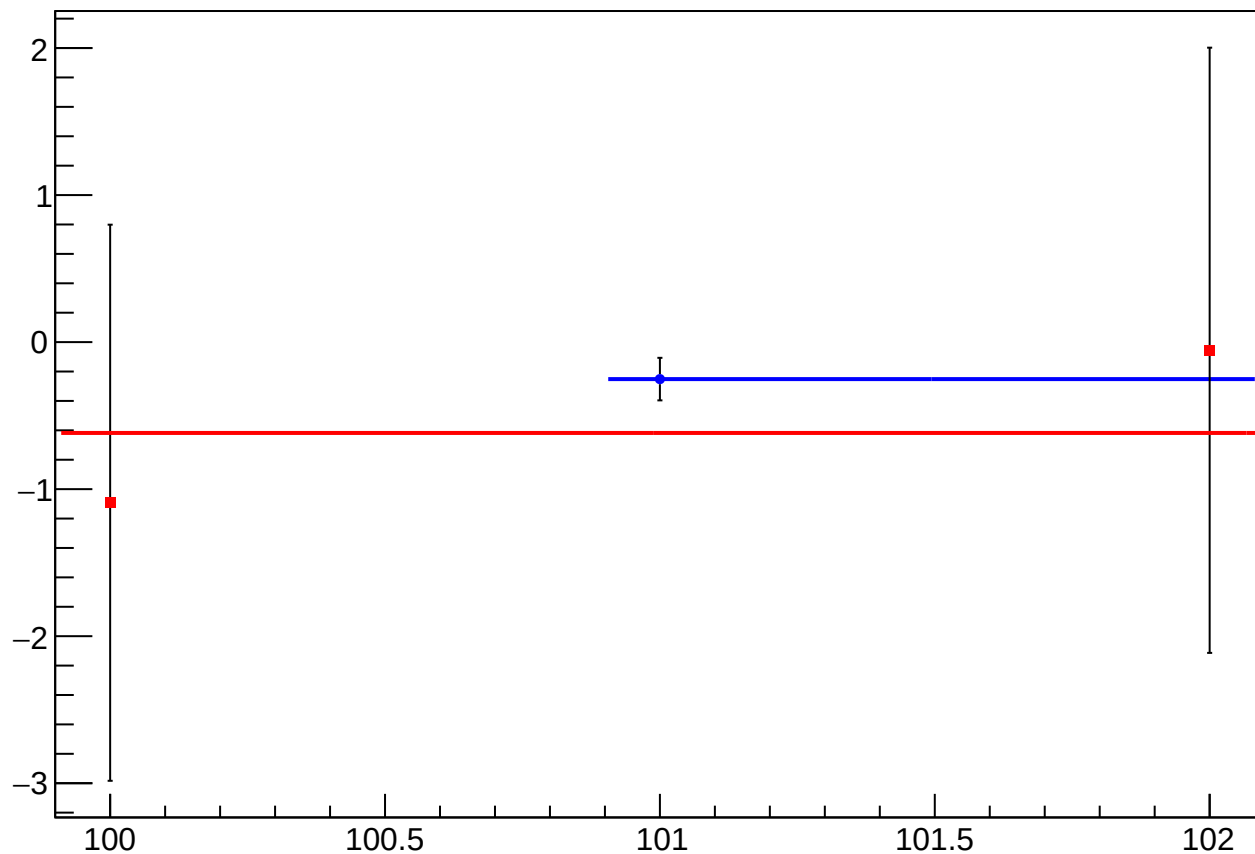
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1.3/2

asym_at1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



asym_at1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.252+/-0.145 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.618+/-1.393 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

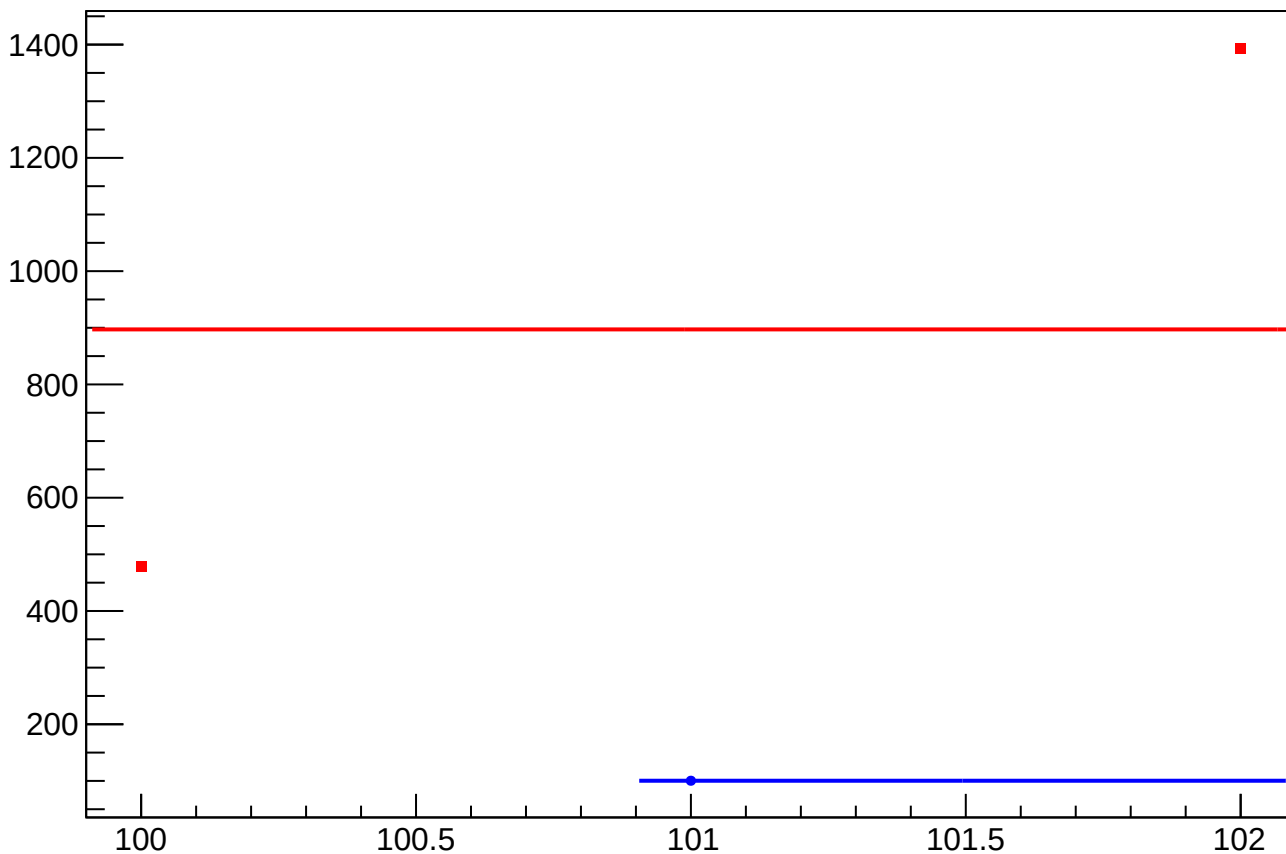
Right: -0.255+/-0.144 χ^2/NDF : 0.2/2

In: -0.252+/-0.145 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.255+/-0.144 χ^2/NDF : 0.2/2

asym_at1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 100.295+/-0.102 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 897.151+/-0.985 χ^2/NDF : 214199.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

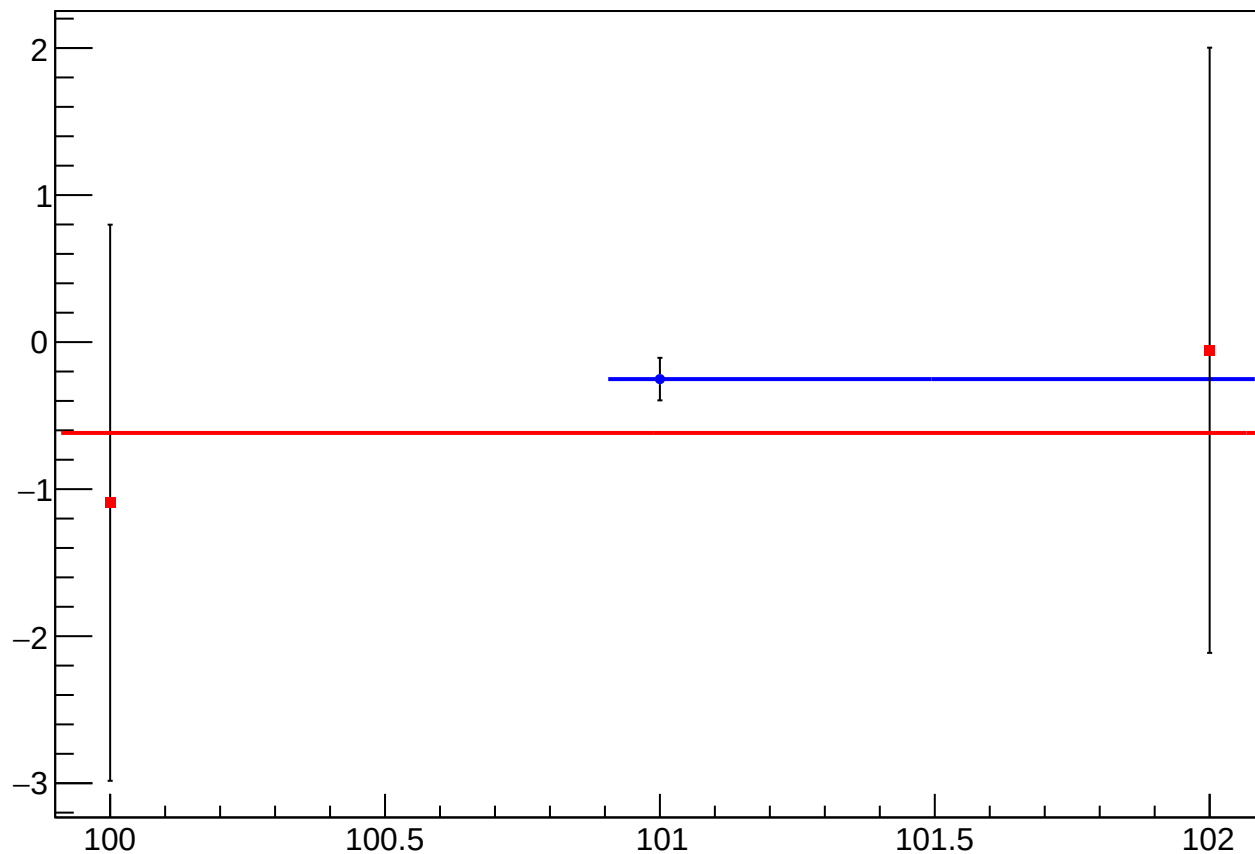
Right: 108.804+/-0.102 χ^2/NDF : 862132.7/2

In: 100.295+/-0.102 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.804+/-0.102 χ^2/NDF : 862132.7/2

asym_at1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.252+/-0.145 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.618+/-1.393 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

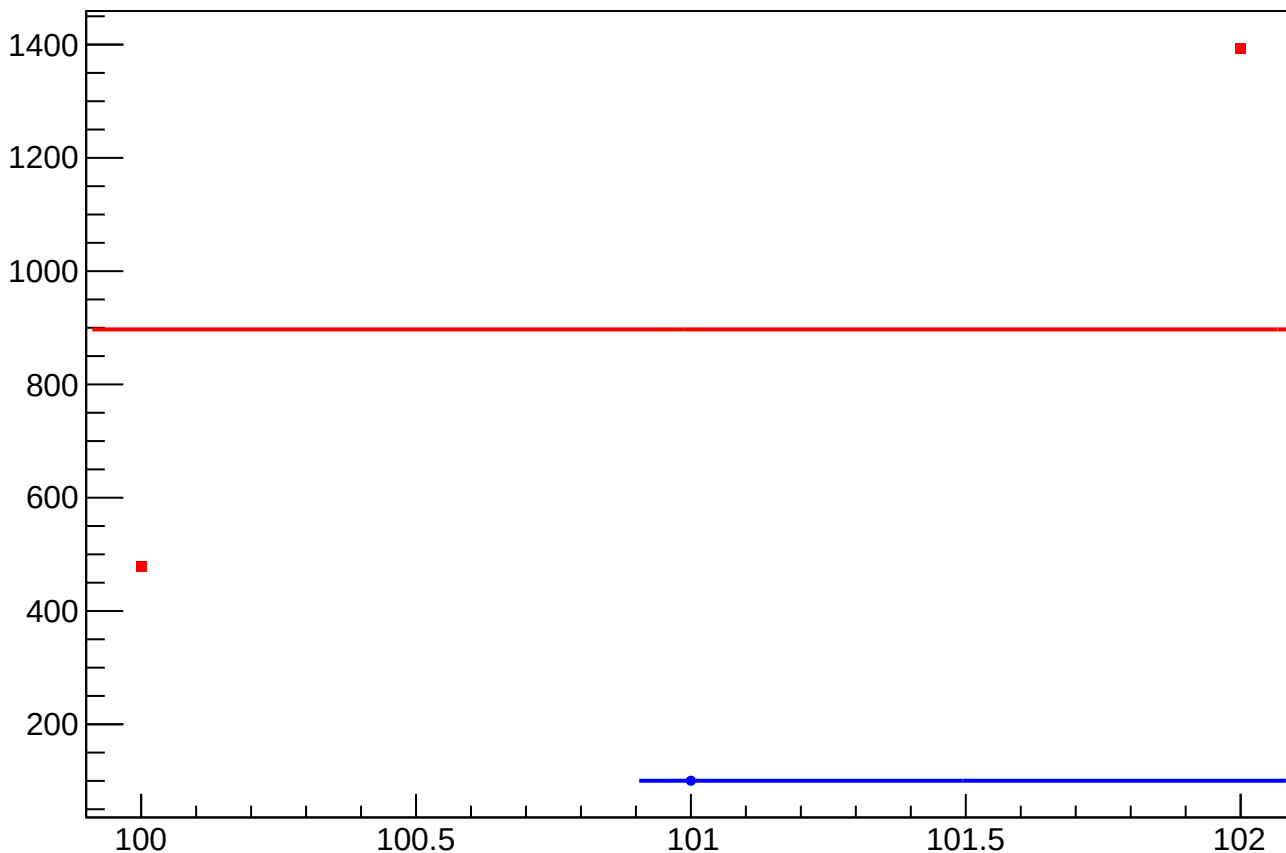
Right: -0.255+/-0.144 χ^2/NDF : 0.2/2

In: -0.252+/-0.145 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.255+/-0.144 χ^2/NDF : 0.2/2

asym_at1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 100.295+/-0.102 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 897.151+/-0.985 χ^2/NDF : 214199.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

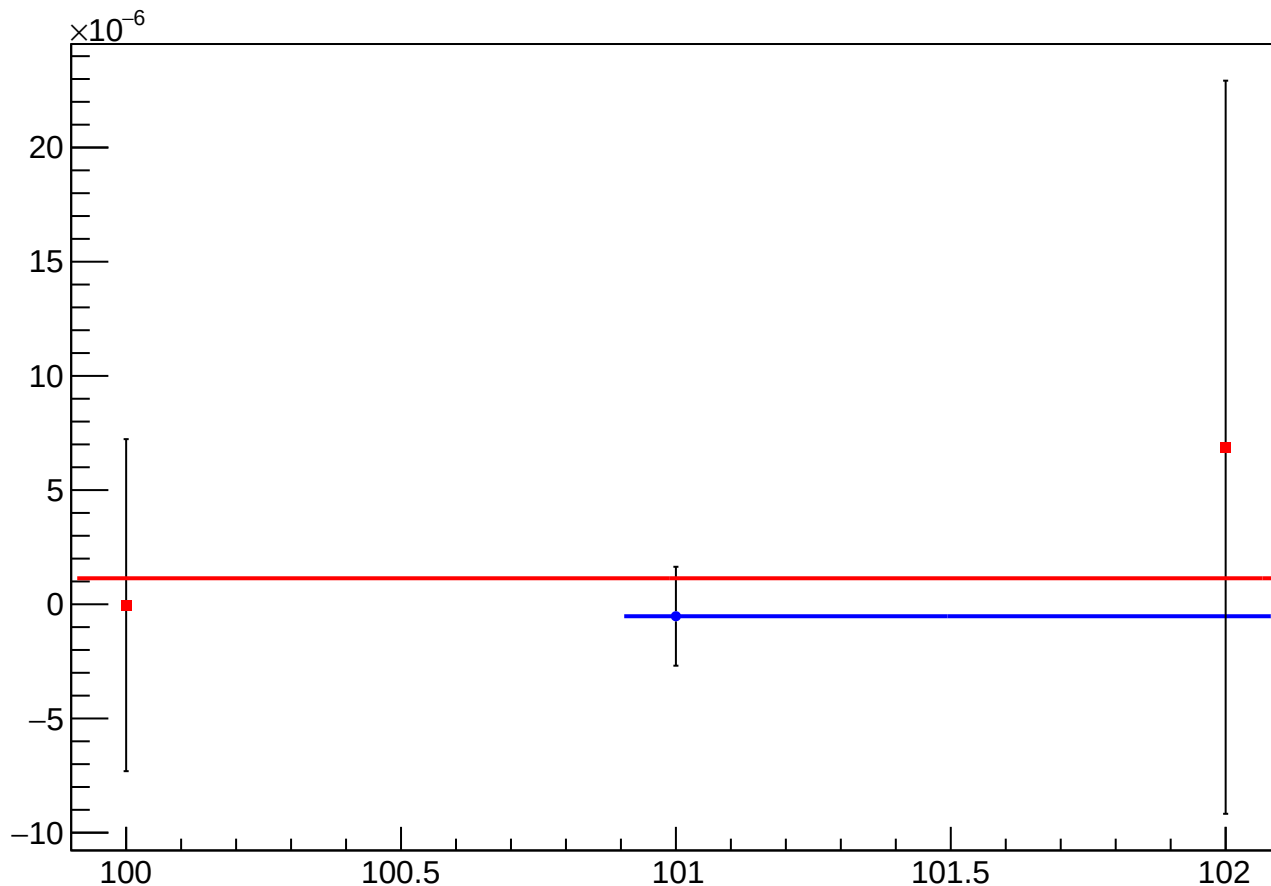
Right: 108.804+/-0.102 χ^2/NDF : 862132.7/2

In: 100.295+/-0.102 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.804+/-0.102 χ^2/NDF : 862132.7/2

asym_at1_avg_eigen_dit_vs_dit_diff_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 : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

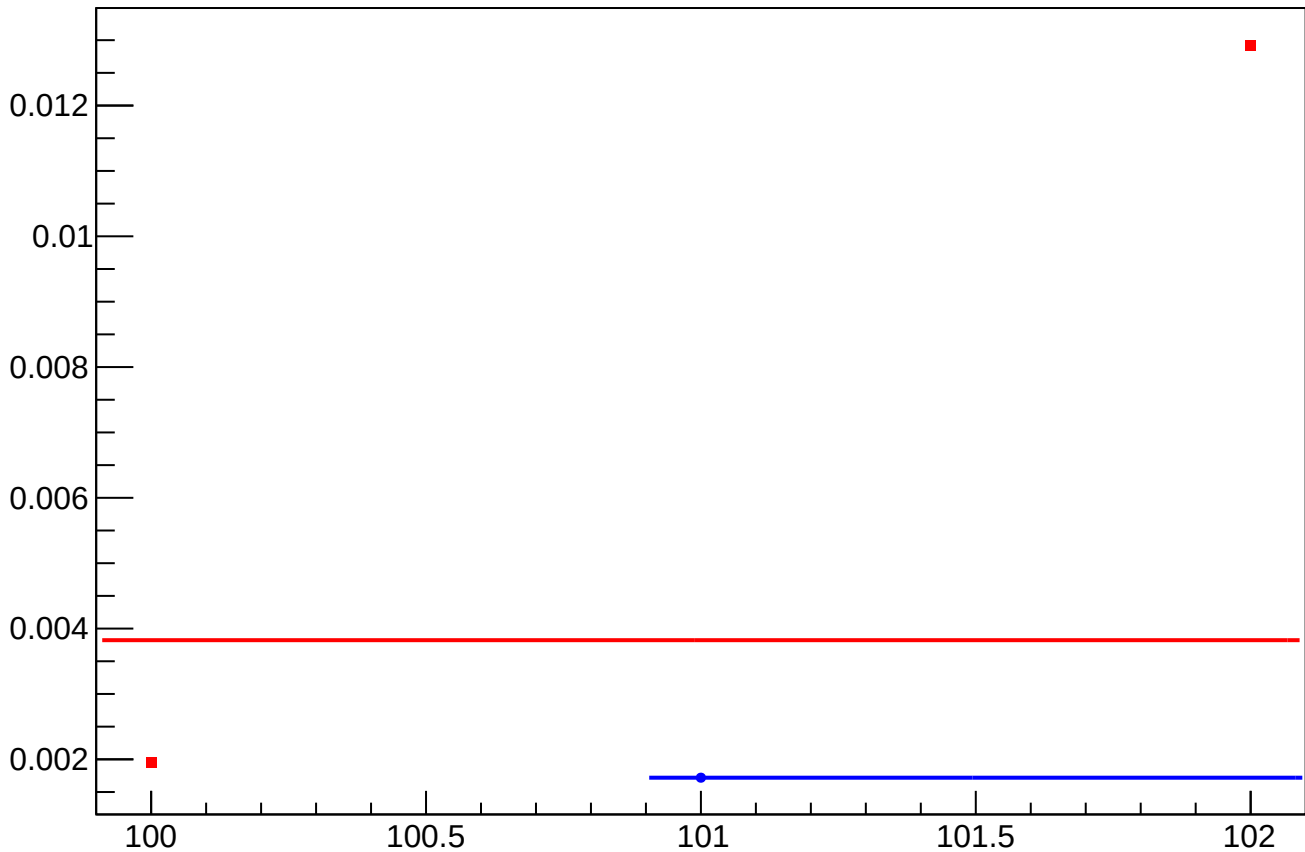
Right: -0.000+/-0.000 χ^2/NDF : 0.2/2

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 : 0.2/2

asym_at1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 774316.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

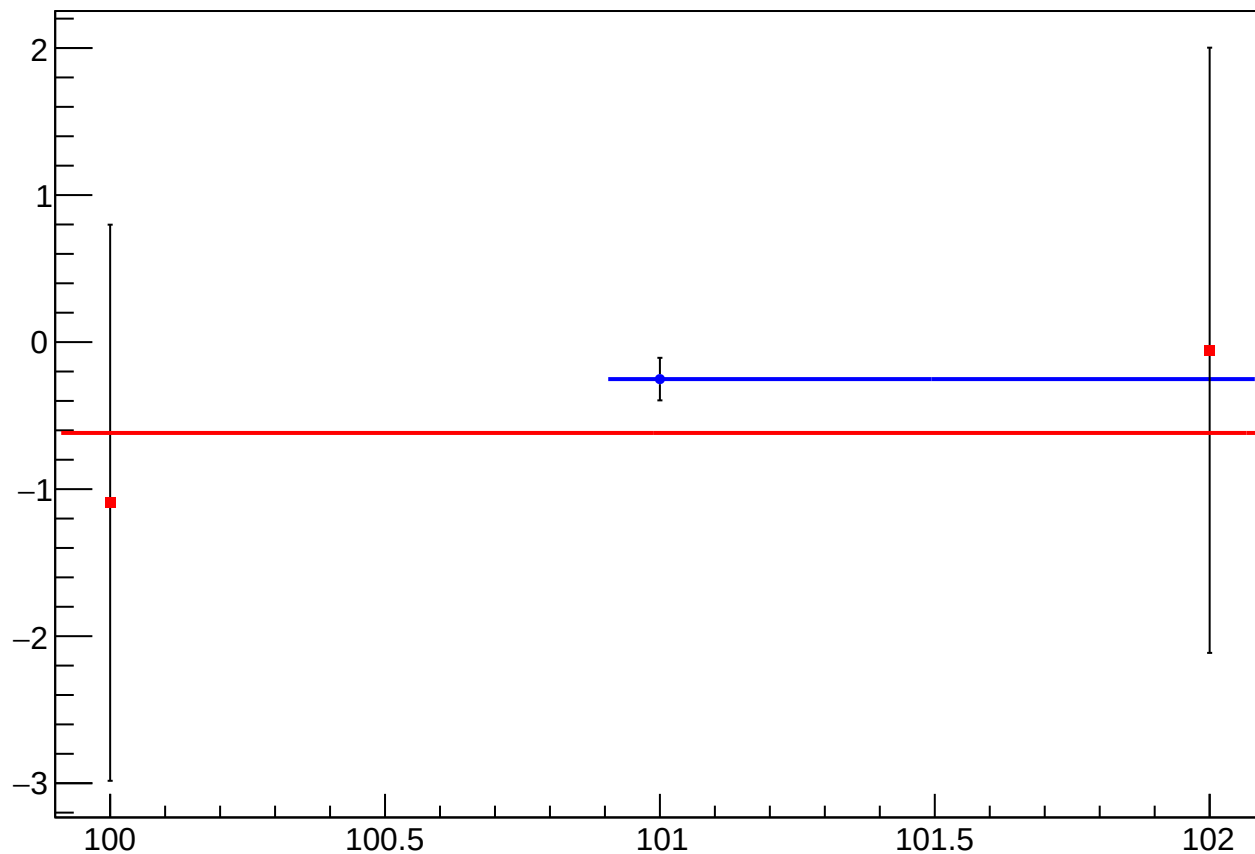
Right: 0.002+/-0.000 χ^2/NDF : 956633.1/2

In: 0.002+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 956633.1/2

asym_at1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.252+/-0.145 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.618+/-1.393 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

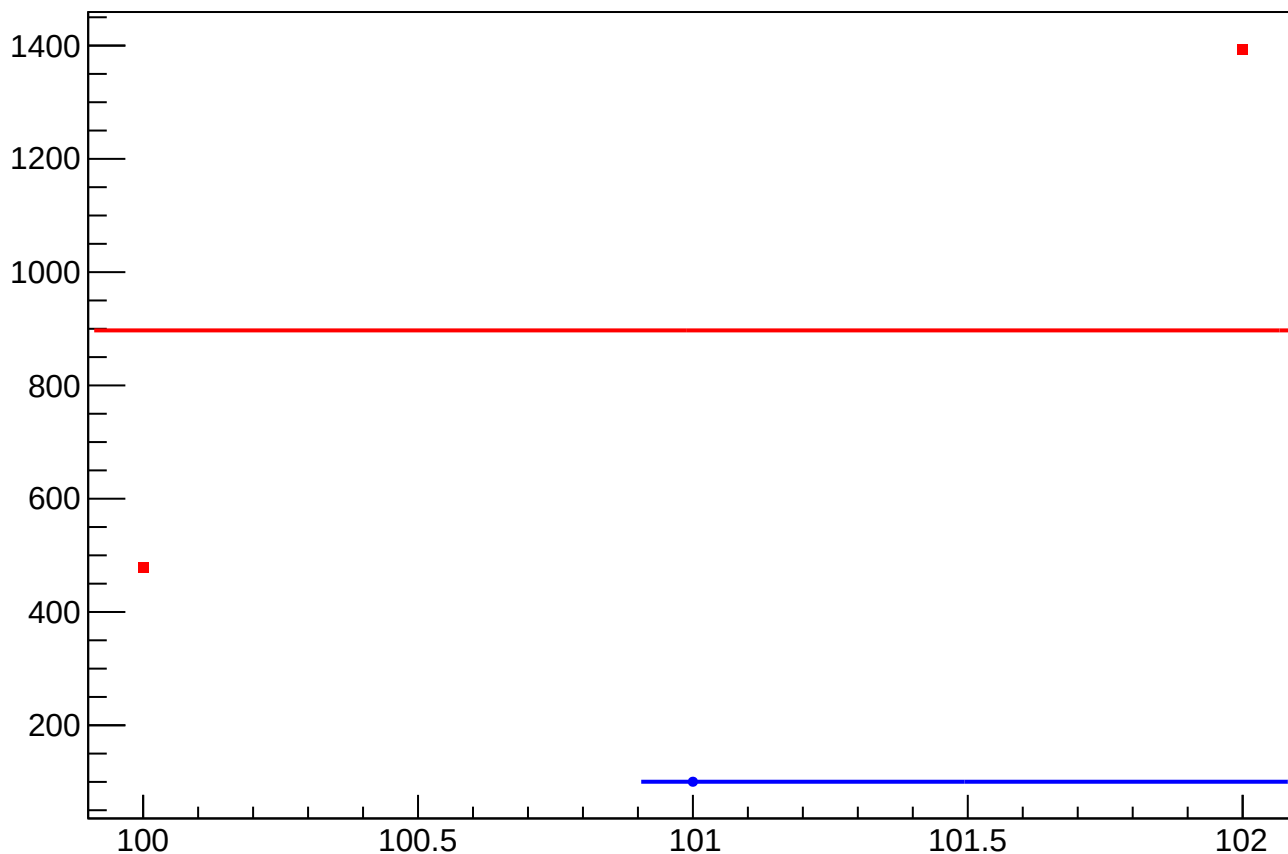
Right: -0.255+/-0.144 χ^2/NDF : 0.2/2

In: -0.252+/-0.145 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.255+/-0.144 χ^2/NDF : 0.2/2

asym_at1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 100.295+/-0.102 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 897.151+/-0.985 χ^2/NDF : 214193.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

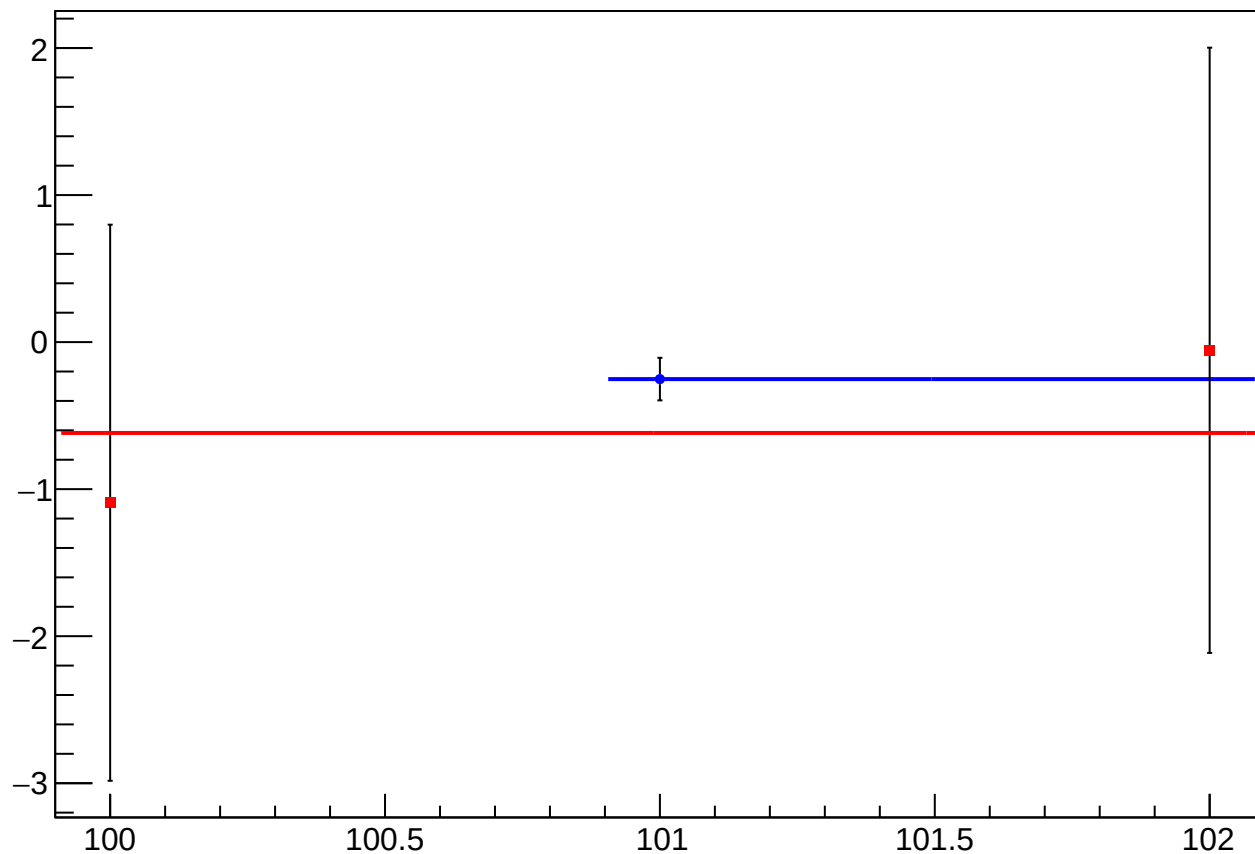
Right: 108.803+/-0.102 χ^2/NDF : 862129.5/2

In: 100.295+/-0.102 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.803+/-0.102 χ^2/NDF : 862129.5/2

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.252 $\pm$ 0.145 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.618 $\pm$ 1.393 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

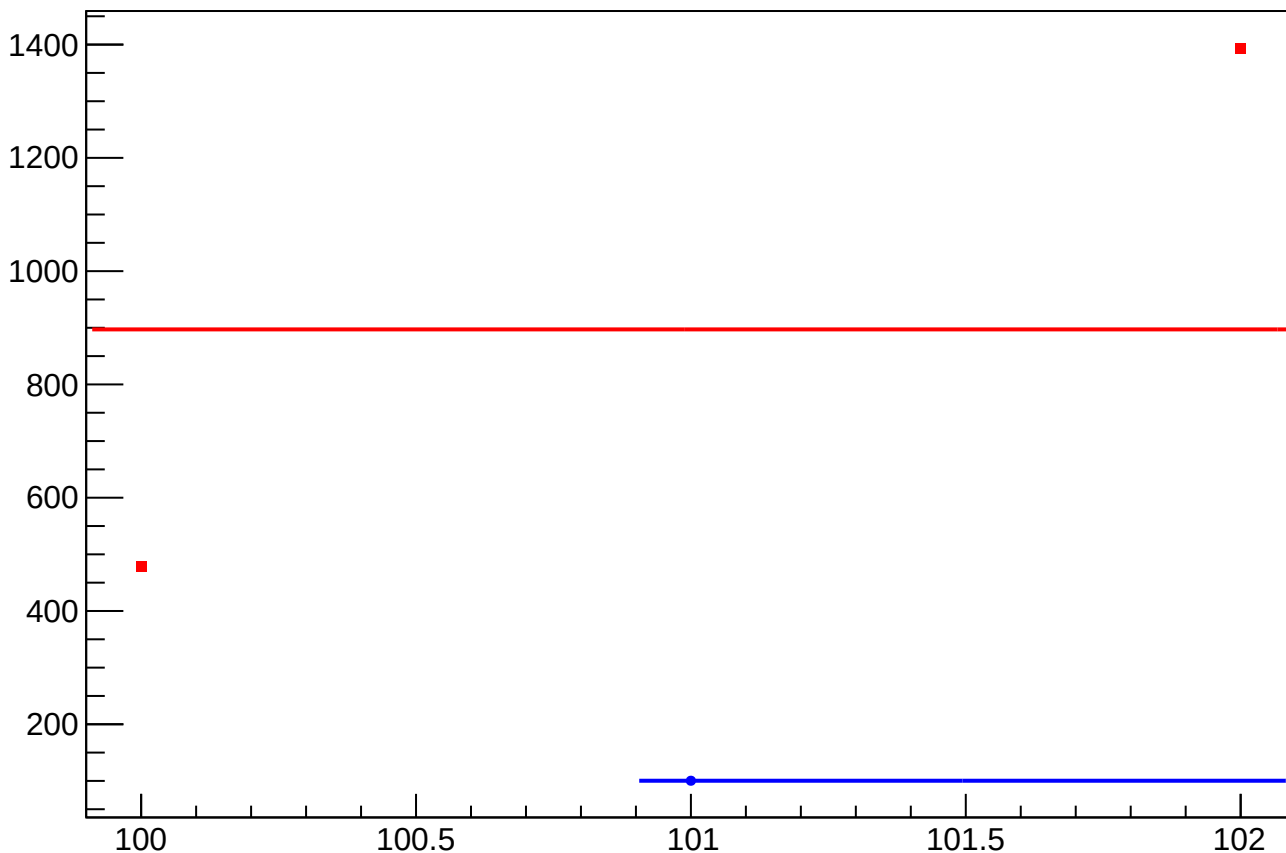
Right: -0.255 $\pm$ 0.144 χ^2 /NDF: 0.2/2

In: -0.252 $\pm$ 0.145 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.255 $\pm$ 0.144 χ^2 /NDF: 0.2/2

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 100.295+/-0.102 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 897.151+/-0.985 χ^2/NDF : 214193.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

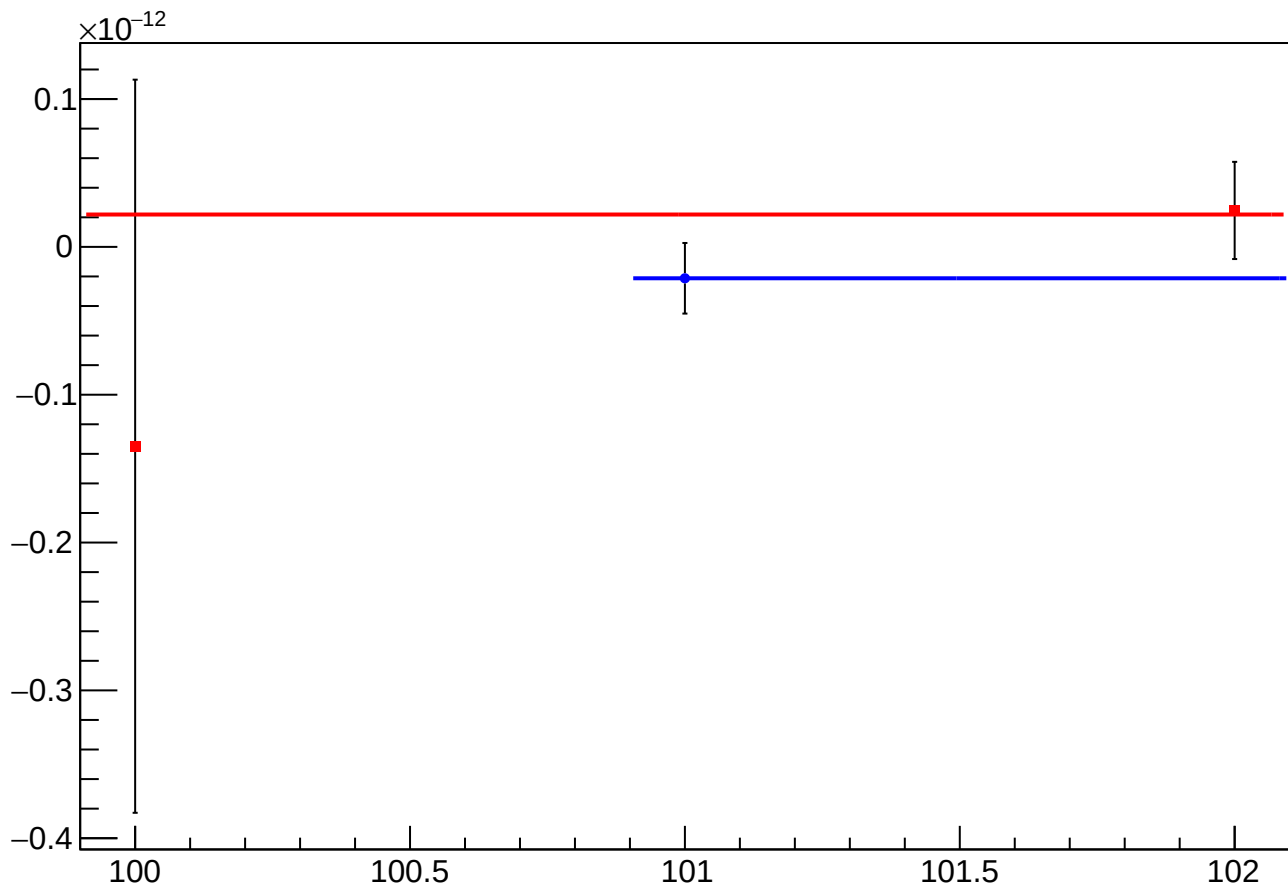
Right: 108.803+/-0.102 χ^2/NDF : 862129.5/2

In: 100.295+/-0.102 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.803+/-0.102 χ^2/NDF : 862129.5/2

asym_at1_avg_eigen_cor_vs_cor_diff_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 : 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

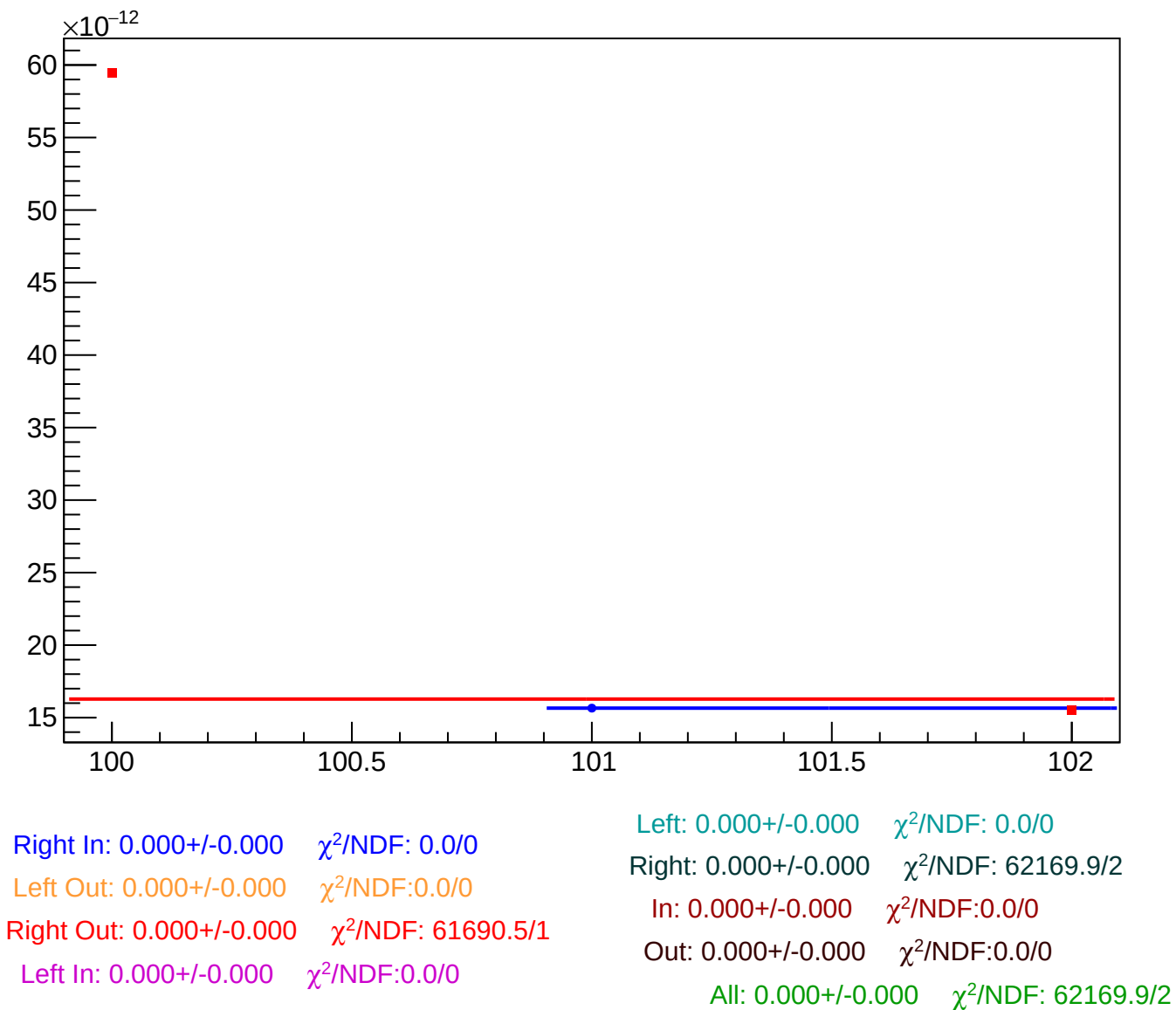
Right: -0.000+/-0.000 χ^2/NDF : 1.5/2

In: -0.000+/-0.000 χ^2/NDF : 0.0/0

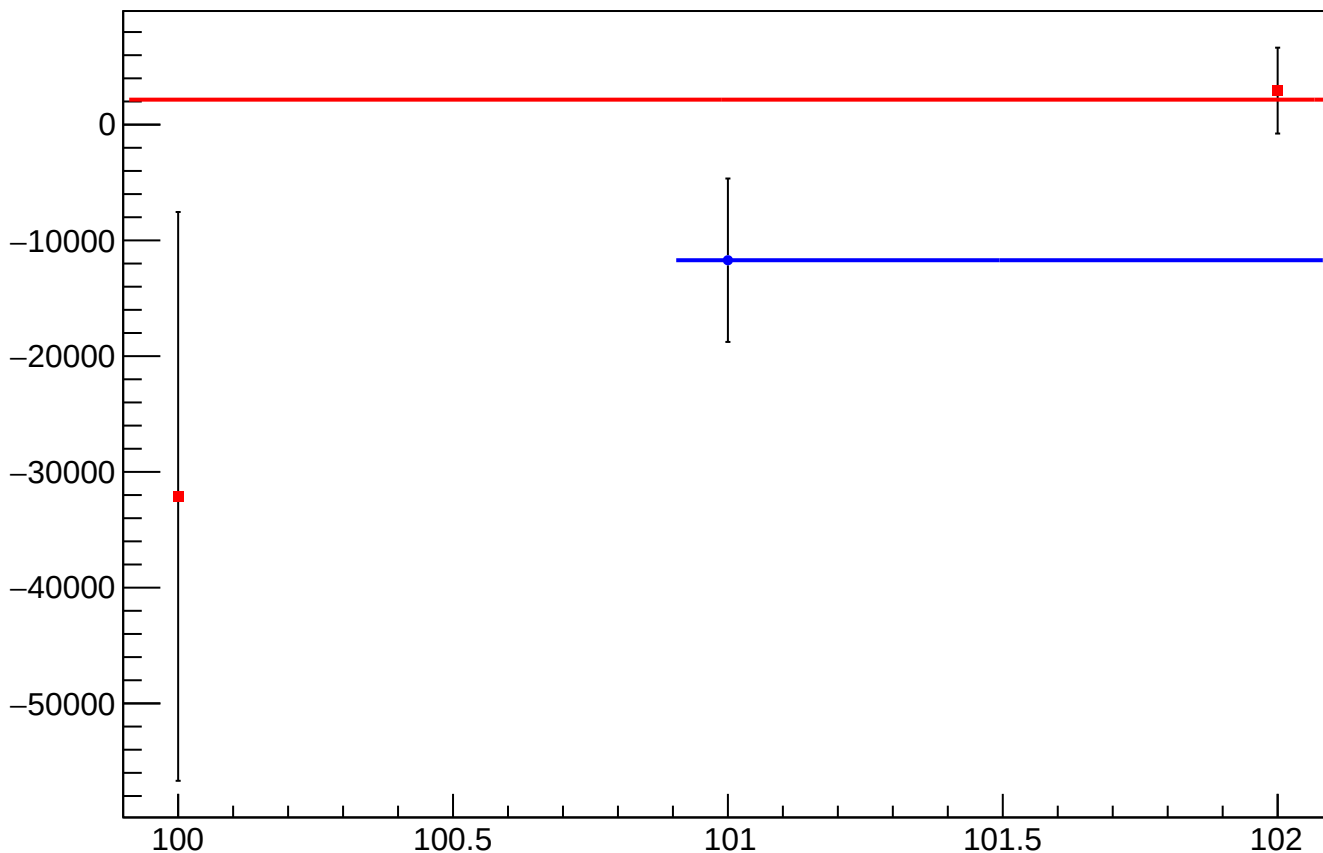
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1.5/2

asym_at1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



reg_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -11713.090+/-7058.734 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2158.721+/-3667.845 χ^2/NDF : 2.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

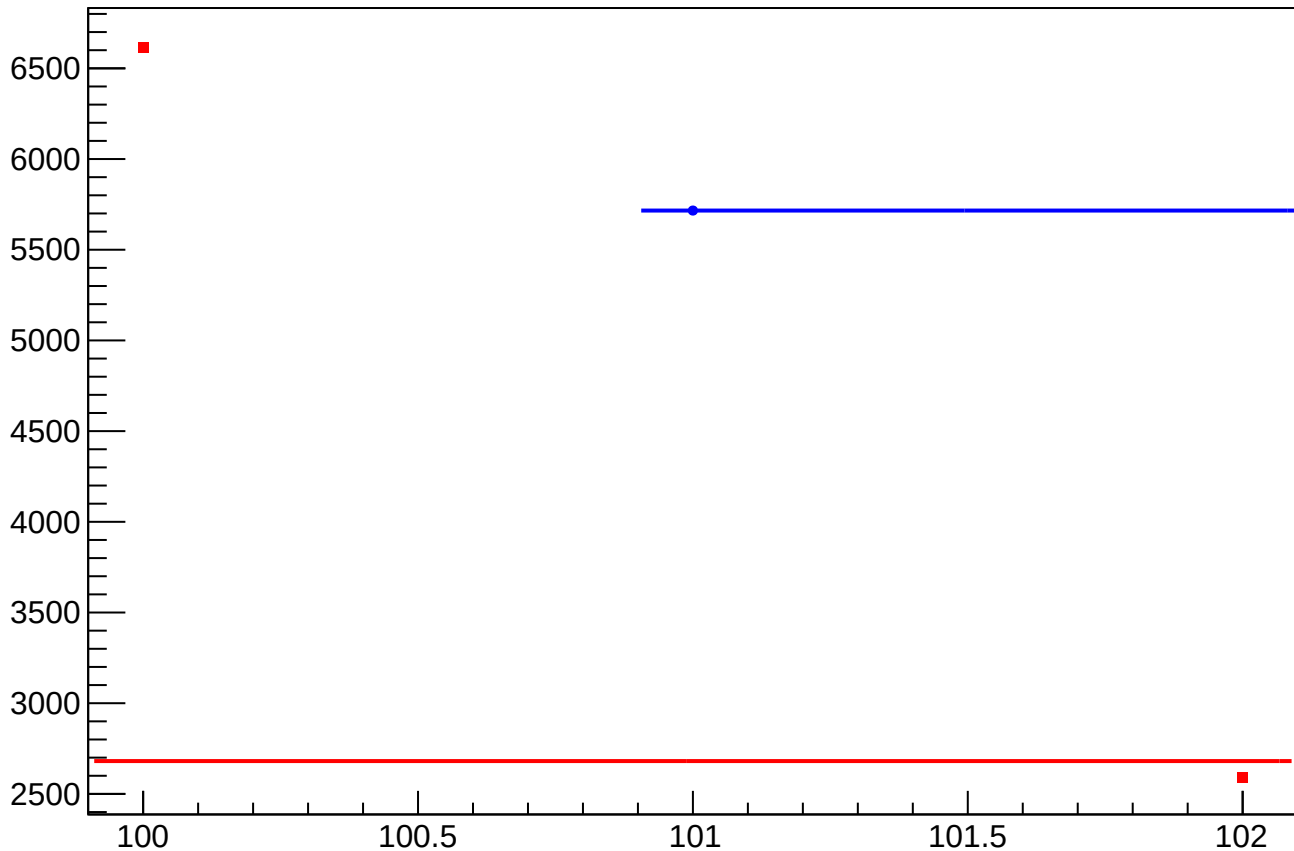
Right: -790.429+/-3254.683 χ^2/NDF : 5.0/2

In: -11713.090+/-7058.734 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -790.429+/-3254.683 χ^2/NDF : 5.0/2

reg_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 5715.970+/-4.991 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2681.055+/-2.593 χ^2/NDF : 52390.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

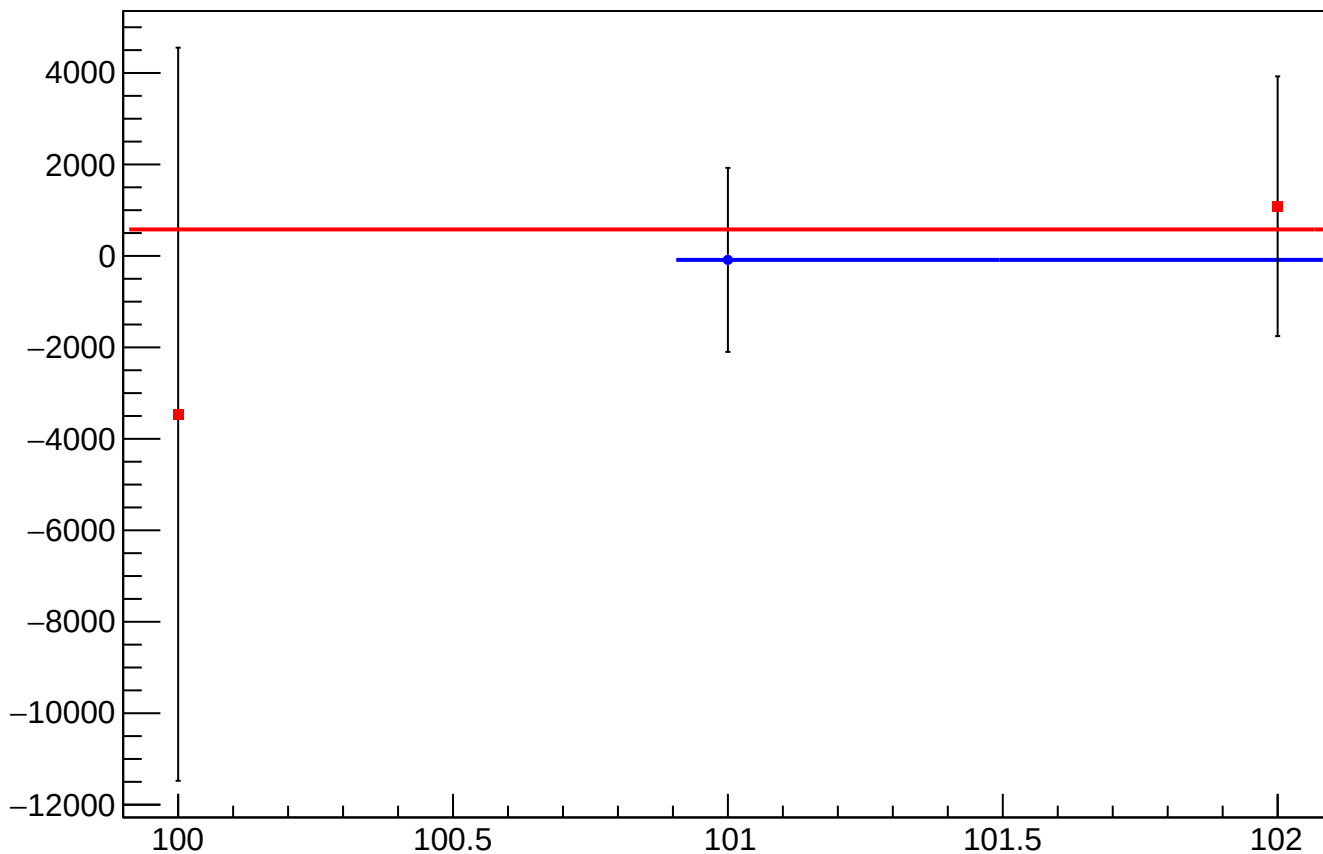
Right: 3326.211+/-2.301 χ^2/NDF : 343514.1/2

In: 5715.970+/-4.991 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3326.211+/-2.301 χ^2/NDF : 343514.1/2

asym_at1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -86.465+/-2012.080 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 579.121+/-2676.861 χ^2 /NDF: 0.3/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

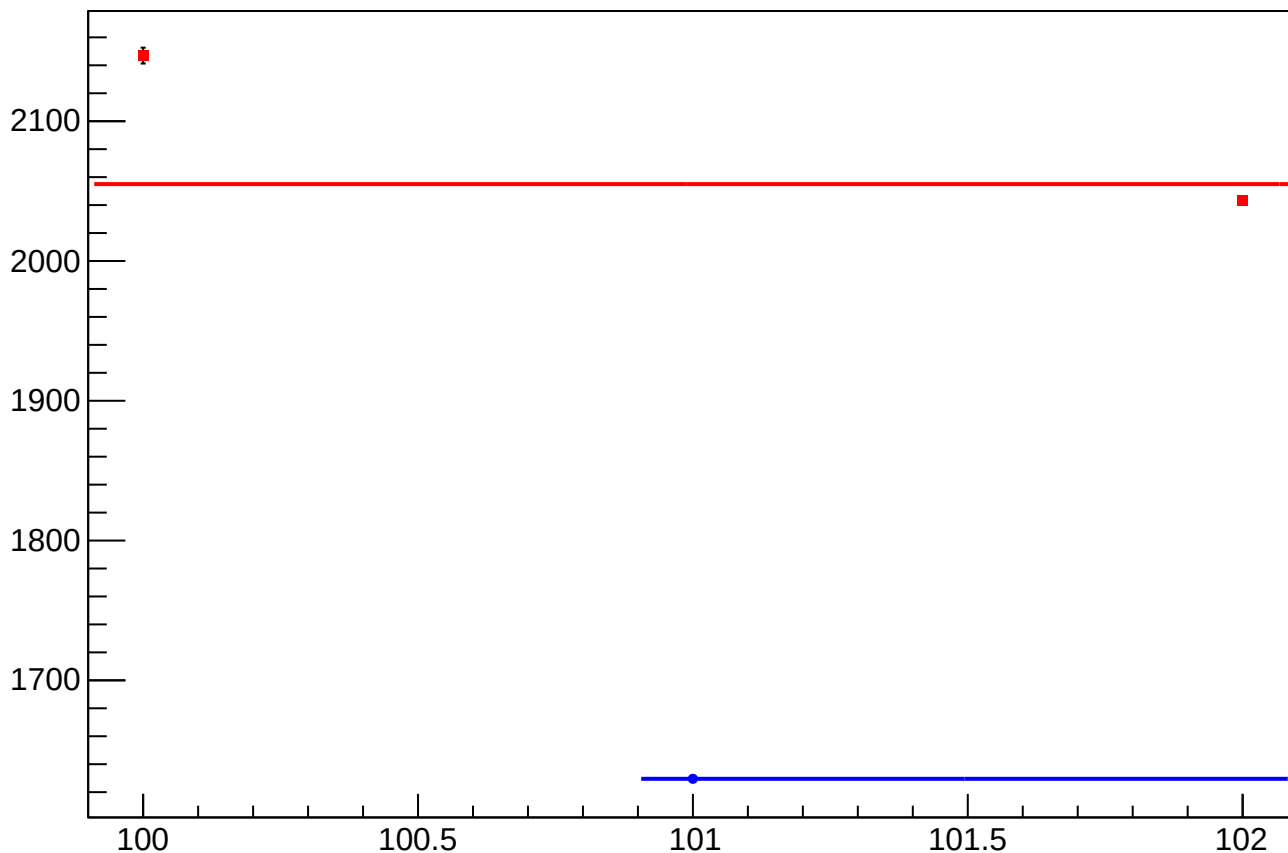
Right: 153.823+/-1608.384 χ^2 /NDF: 0.3/2

In: -86.465+/-2012.080 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 153.823+/-1608.384 χ^2 /NDF: 0.3/2

asym_at1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1629.549+/-1.423 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2055.013+/-1.893 χ^2/NDF : 296.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

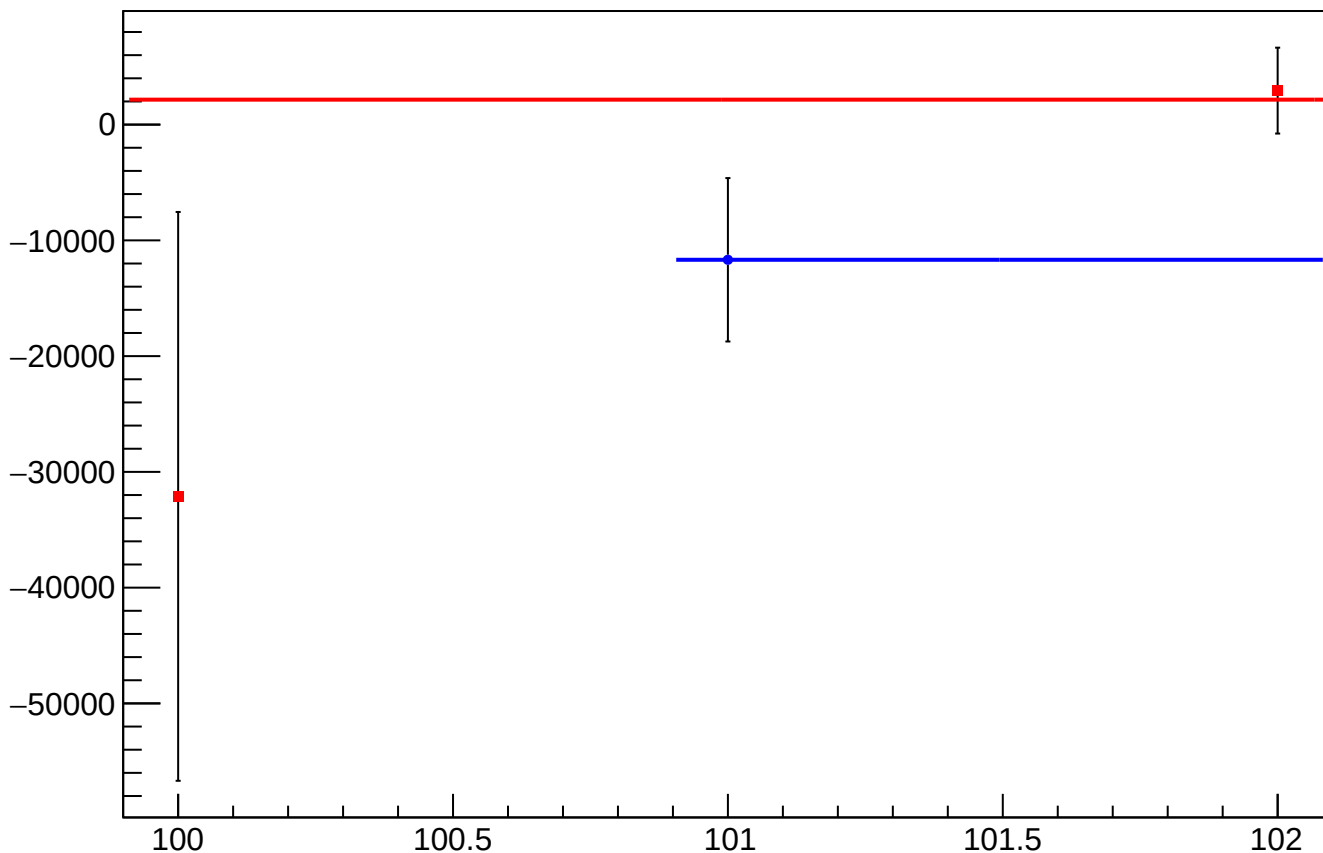
Right: 1783.149+/-1.137 χ^2/NDF : 32580.6/2

In: 1629.549+/-1.423 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1783.149+/-1.137 χ^2/NDF : 32580.6/2

cor_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -11677.228+/-7058.764 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2155.612+/-3667.848 χ^2/NDF : 2.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

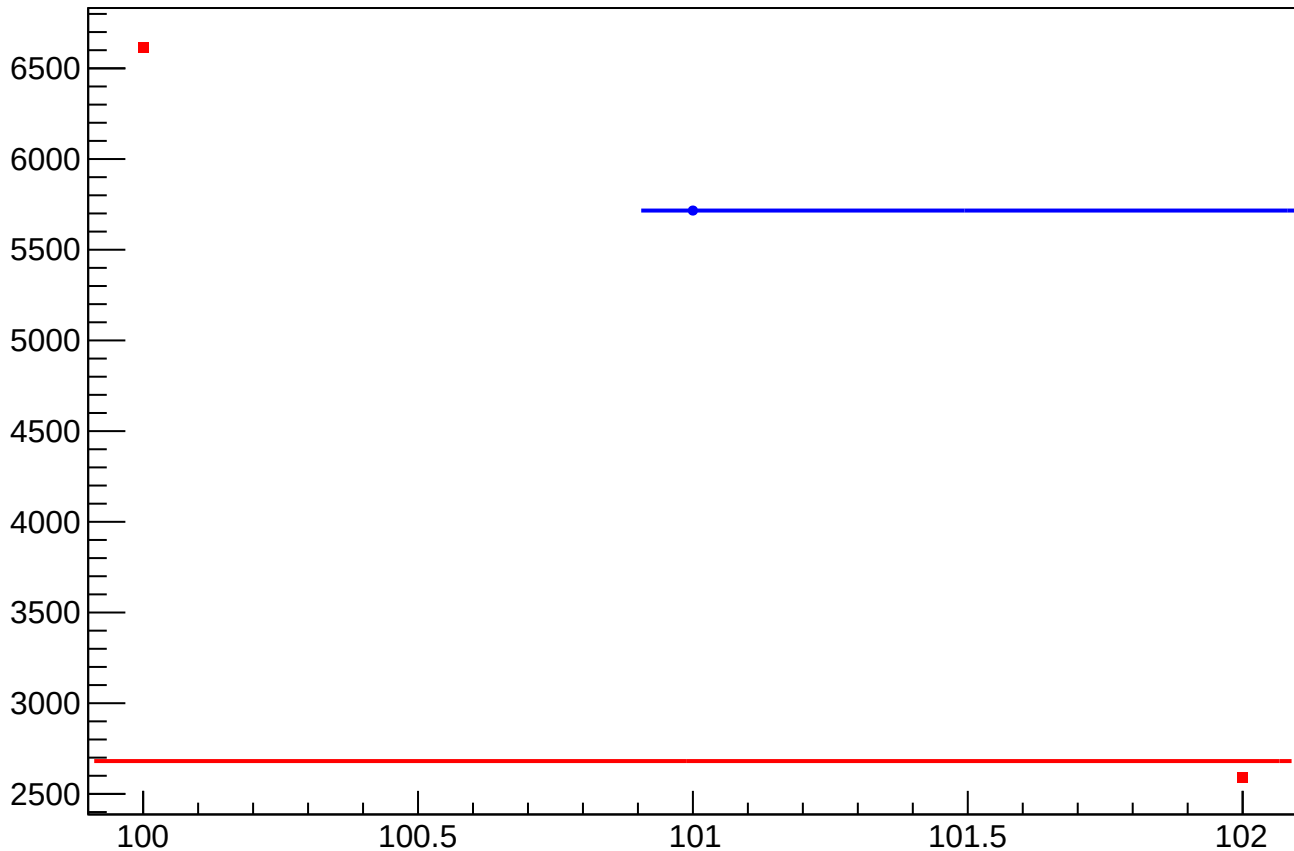
Right: -785.236+/-3254.687 χ^2/NDF : 5.0/2

In: -11677.228+/-7058.764 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -785.236+/-3254.687 χ^2/NDF : 5.0/2

cor_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 5715.986 $\pm$ 4.991 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2681.049 $\pm$ 2.593 χ^2 /NDF: 52391.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

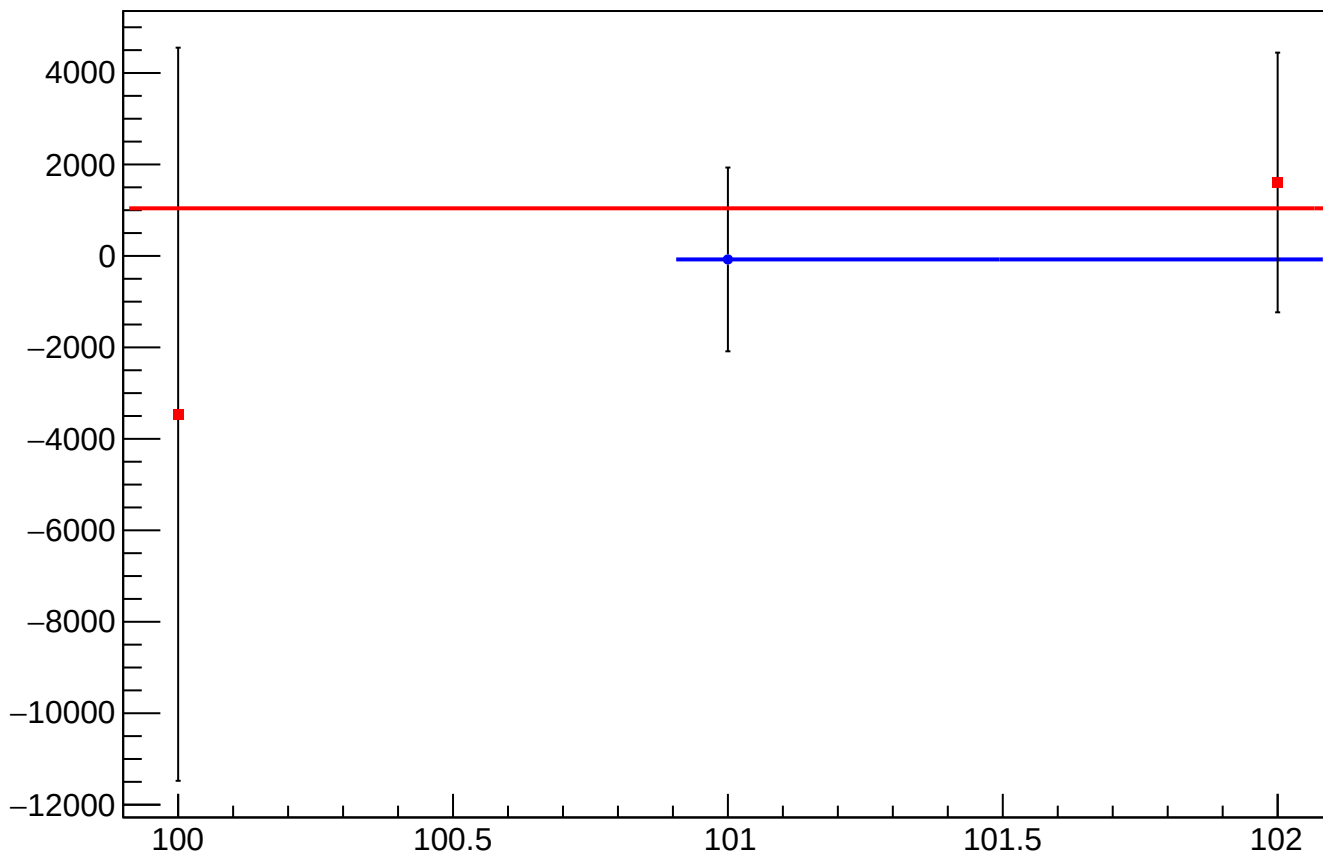
Right: 3326.207 $\pm$ 2.301 χ^2 /NDF: 343516.4/2

In: 5715.986 $\pm$ 4.991 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3326.207 $\pm$ 2.301 χ^2 /NDF: 343516.4/2

asym_at1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -76.452+/-2009.119 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1041.127+/-2676.203 χ^2/NDF : 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

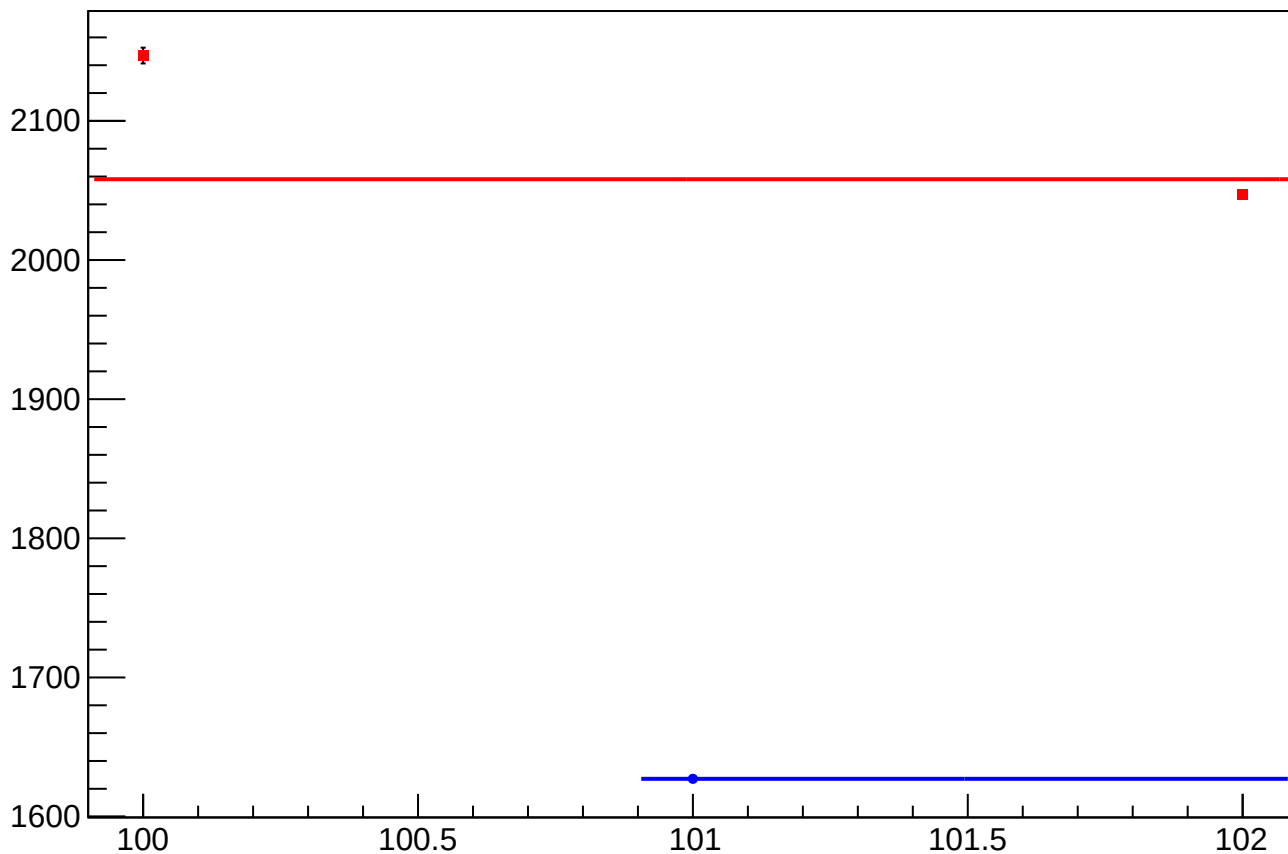
Right: 326.381+/-1606.728 χ^2/NDF : 0.5/2

In: -76.452+/-2009.119 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 326.381+/-1606.728 χ^2/NDF : 0.5/2

asym_at1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1627.168 $\pm$ 1.421 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2058.074 $\pm$ 1.892 χ^2 /NDF: 276.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

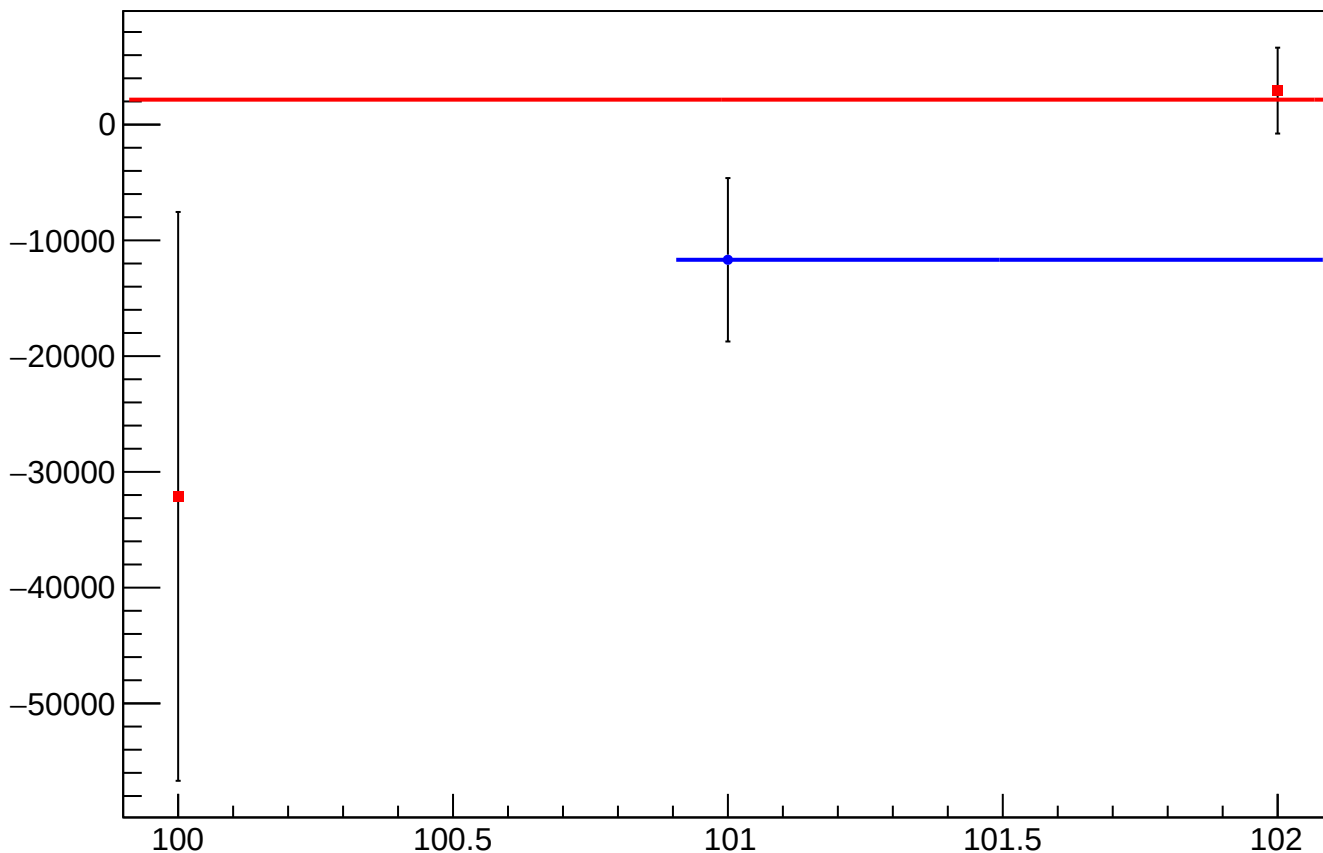
Right: 1782.489 $\pm$ 1.136 χ^2 /NDF: 33438.0/2

In: 1627.168 $\pm$ 1.421 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1782.489 $\pm$ 1.136 χ^2 /NDF: 33438.0/2

eigen_cor_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -11677.228+/-7058.764 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2155.612+/-3667.848 χ^2/NDF : 2.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

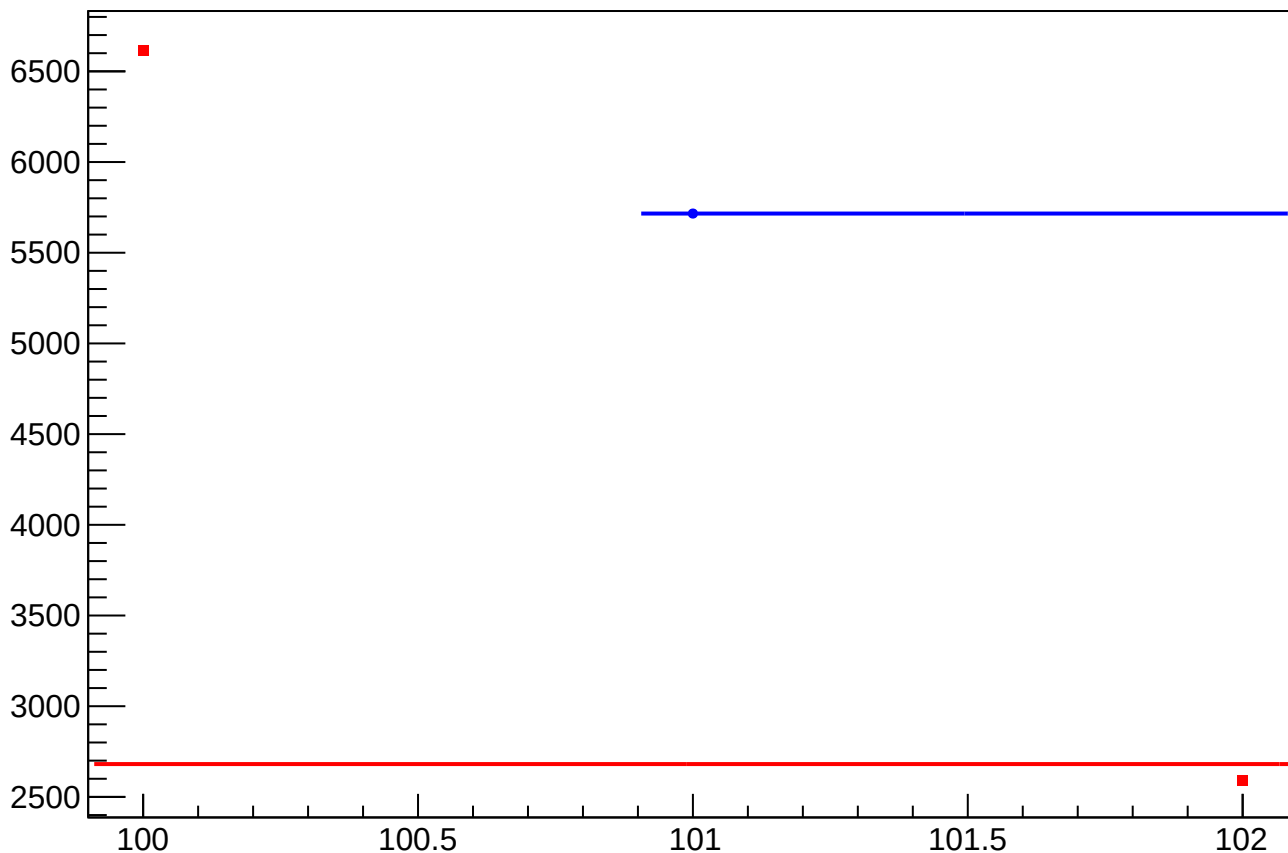
Right: -785.236+/-3254.687 χ^2/NDF : 5.0/2

In: -11677.228+/-7058.764 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -785.236+/-3254.687 χ^2/NDF : 5.0/2

eigen_cor_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 5715.986+/-4.991 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2681.049+/-2.593 χ^2/NDF : 52391.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

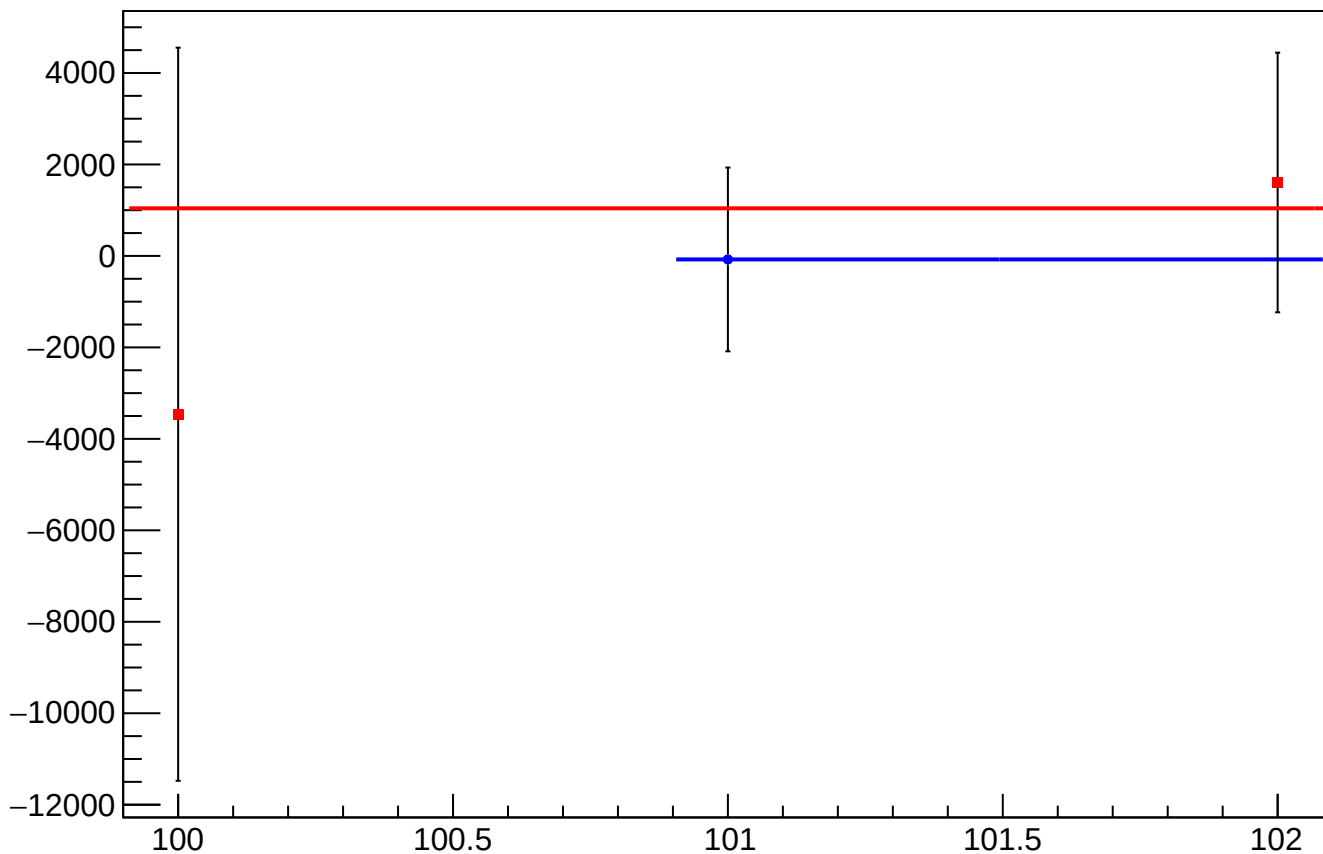
Right: 3326.207+/-2.301 χ^2/NDF : 343516.4/2

In: 5715.986+/-4.991 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3326.207+/-2.301 χ^2/NDF : 343516.4/2

asym_at1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -76.452+/-2009.119 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1041.127+/-2676.203 χ^2/NDF : 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

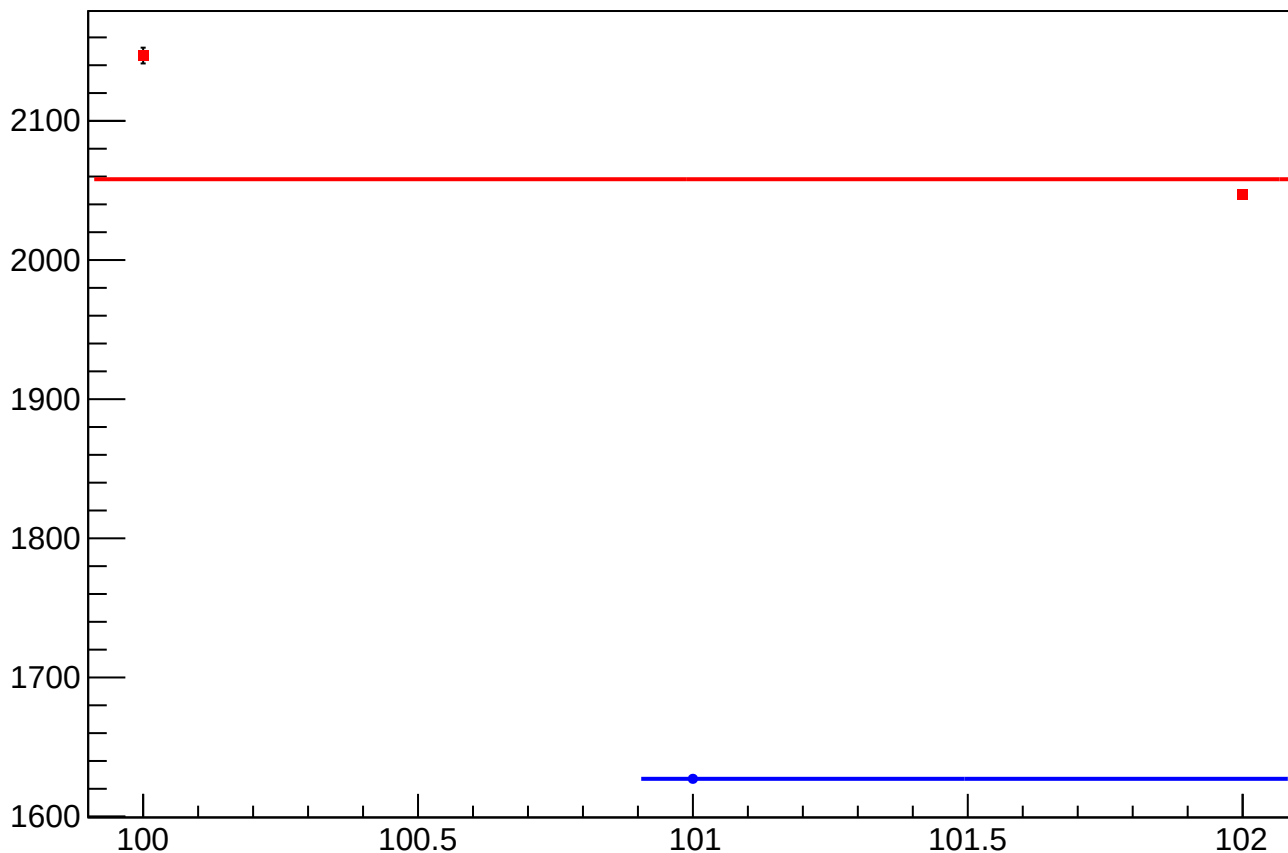
Right: 326.381+/-1606.728 χ^2/NDF : 0.5/2

In: -76.452+/-2009.119 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 326.381+/-1606.728 χ^2/NDF : 0.5/2

asym_at1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1627.168+/-1.421 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2058.074+/-1.892 χ^2/NDF : 276.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

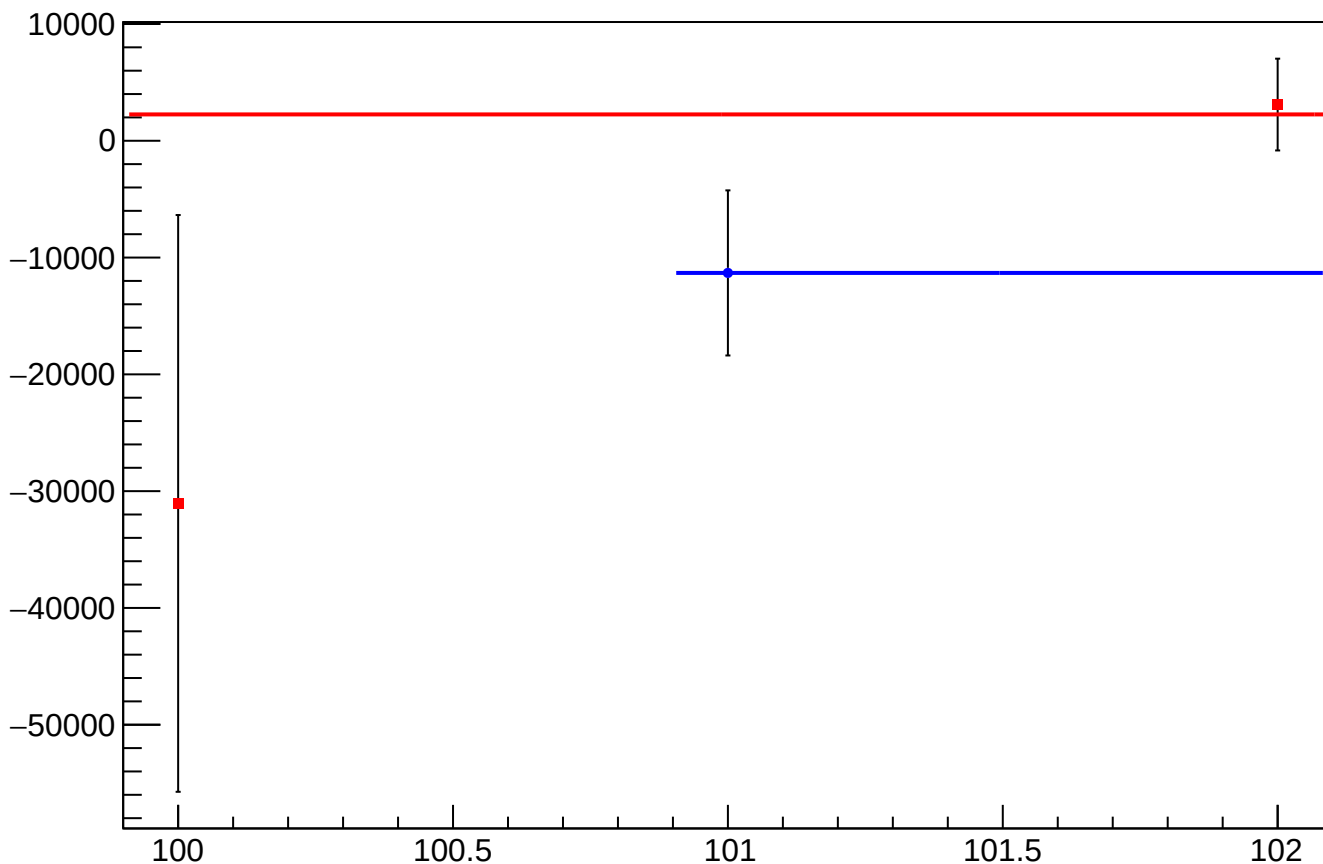
Right: 1782.489+/-1.136 χ^2/NDF : 33438.0/2

In: 1627.168+/-1.421 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1782.489+/-1.136 χ^2/NDF : 33438.0/2

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -11315.447+/-7068.077 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2256.692+/-3880.374 χ^2/NDF : 1.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

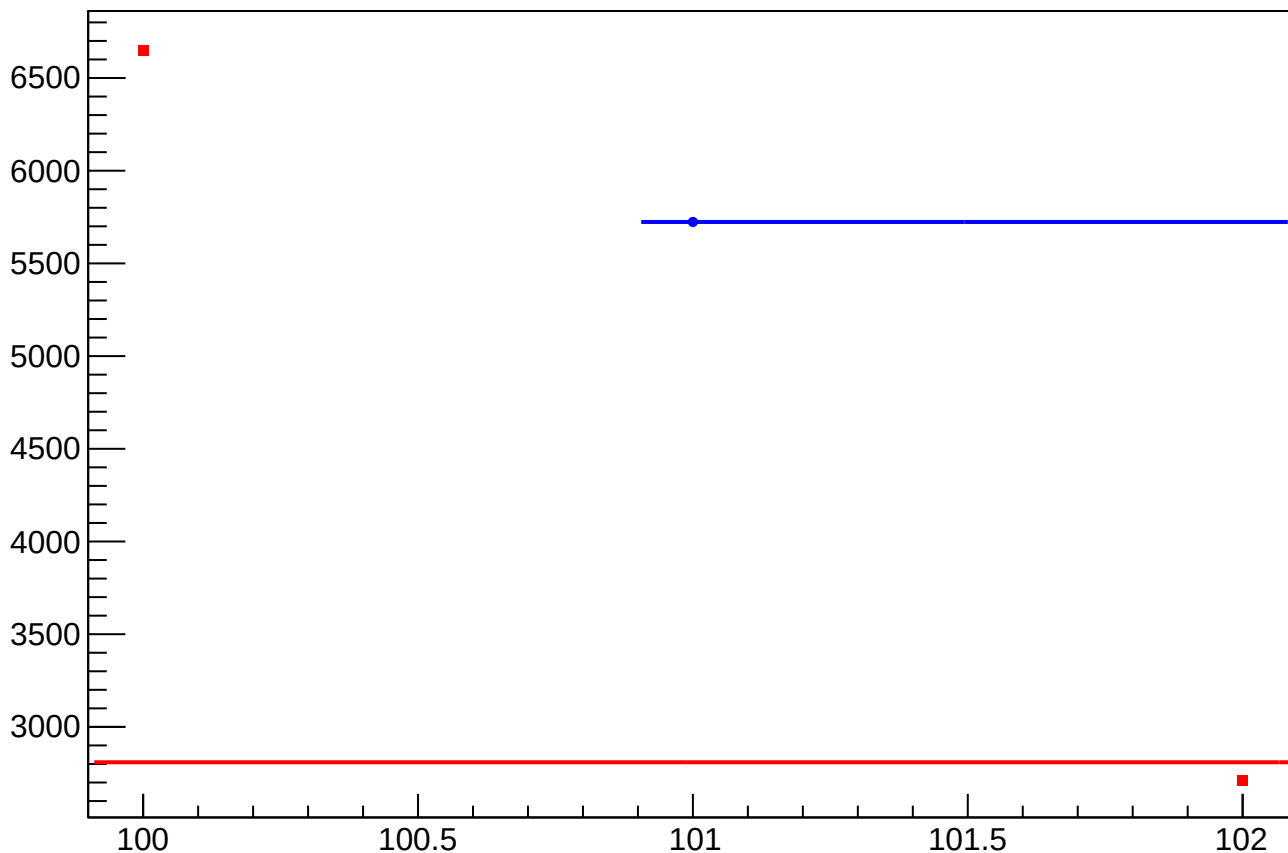
Right: -886.578+/-3401.481 χ^2/NDF : 4.7/2

In: -11315.447+/-7068.077 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -886.578+/-3401.481 χ^2/NDF : 4.7/2

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 5723.529 ± 4.998 χ^2/NDF : 0.0/0

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2809.192 ± 2.744 χ^2/NDF : 49517.2/1

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

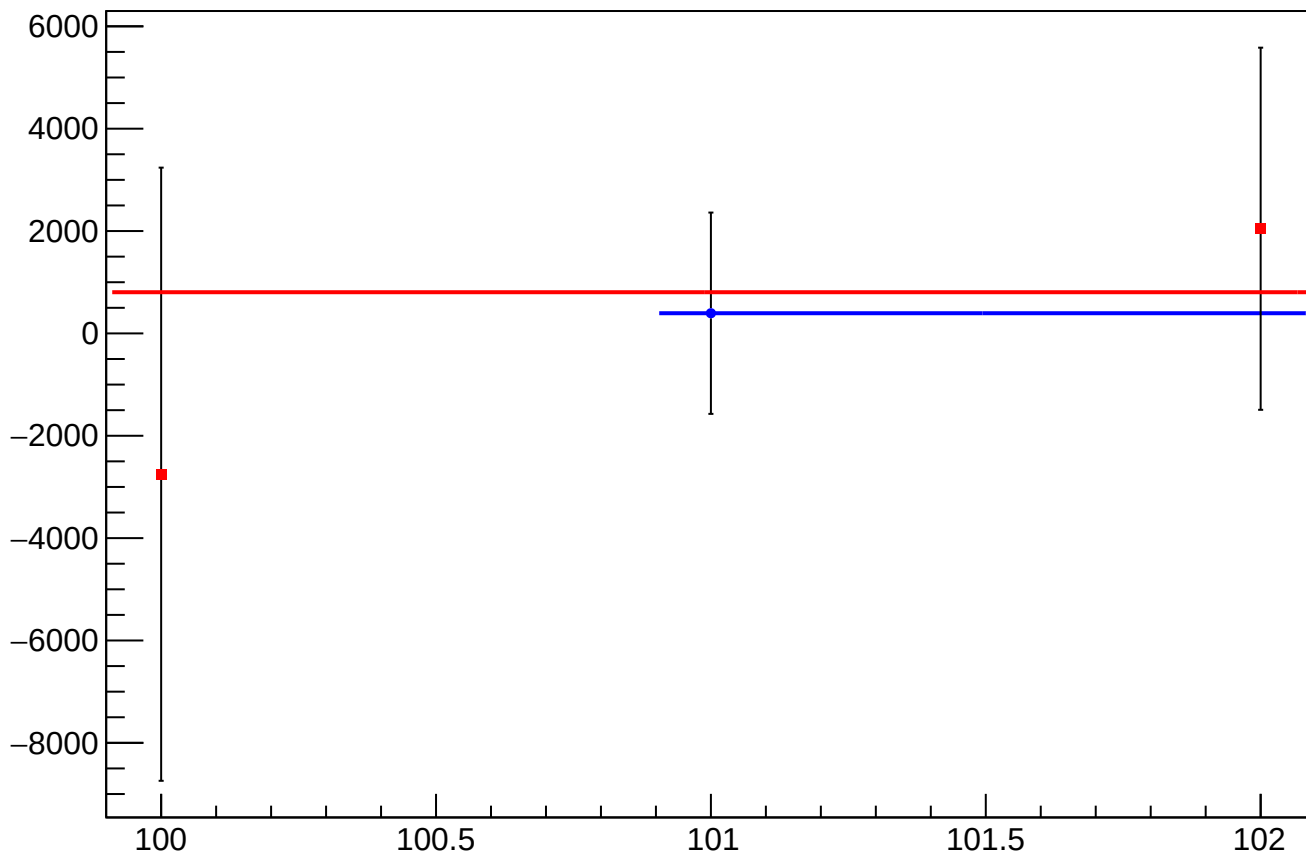
Right: 3484.068 ± 2.405 χ^2/NDF : 310799.9/2

In: 5723.529 ± 4.998 χ^2/NDF : 0.0/0

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 3484.068 ± 2.405 χ^2/NDF : 310799.9/2

asym_at1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 394.267+/-1966.677 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 804.707+/-3046.216 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

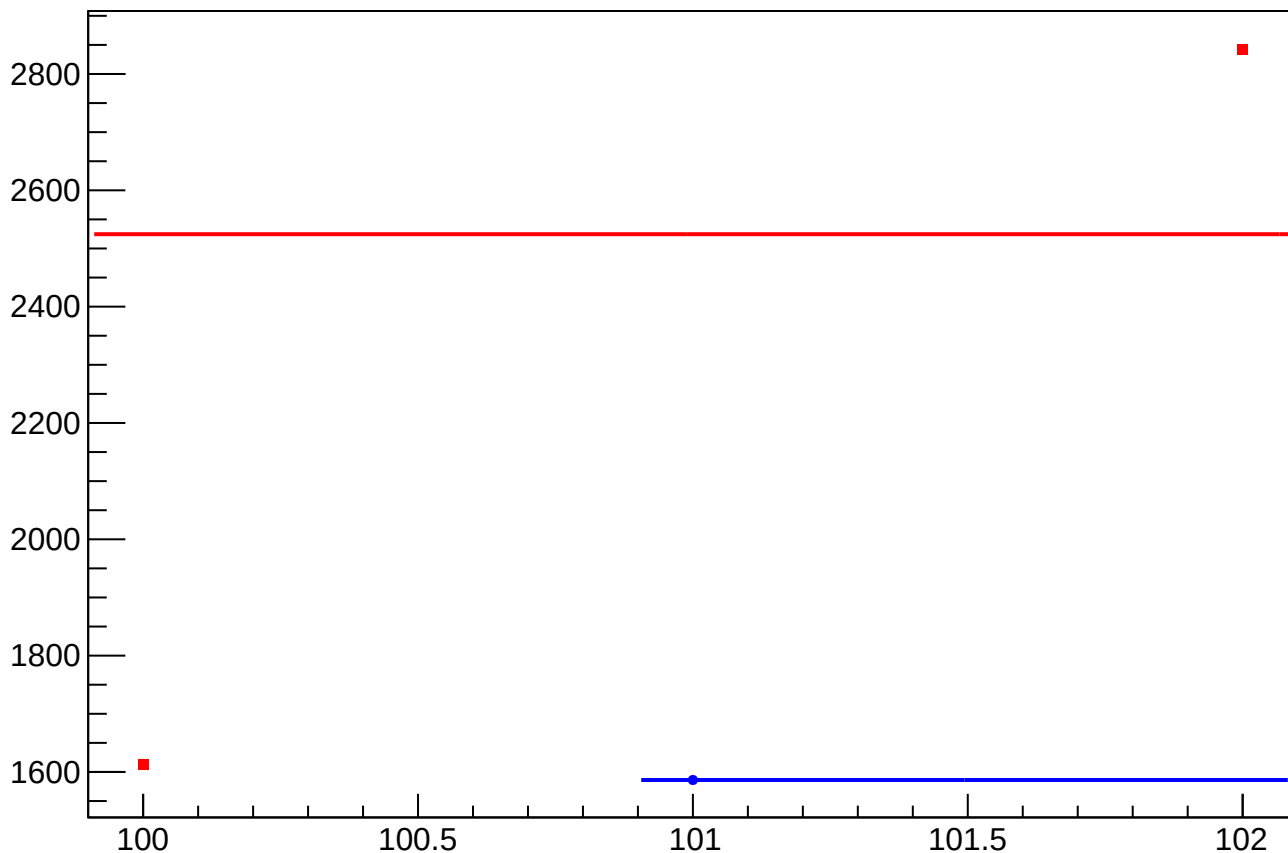
Right: 515.016+/-1652.252 χ^2/NDF : 0.5/2

In: 394.267+/-1966.677 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 515.016+/-1652.252 χ^2/NDF : 0.5/2

asym_at1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1586.187 $\pm$ 1.391 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2524.546 $\pm$ 2.154 χ^2 /NDF: 62565.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

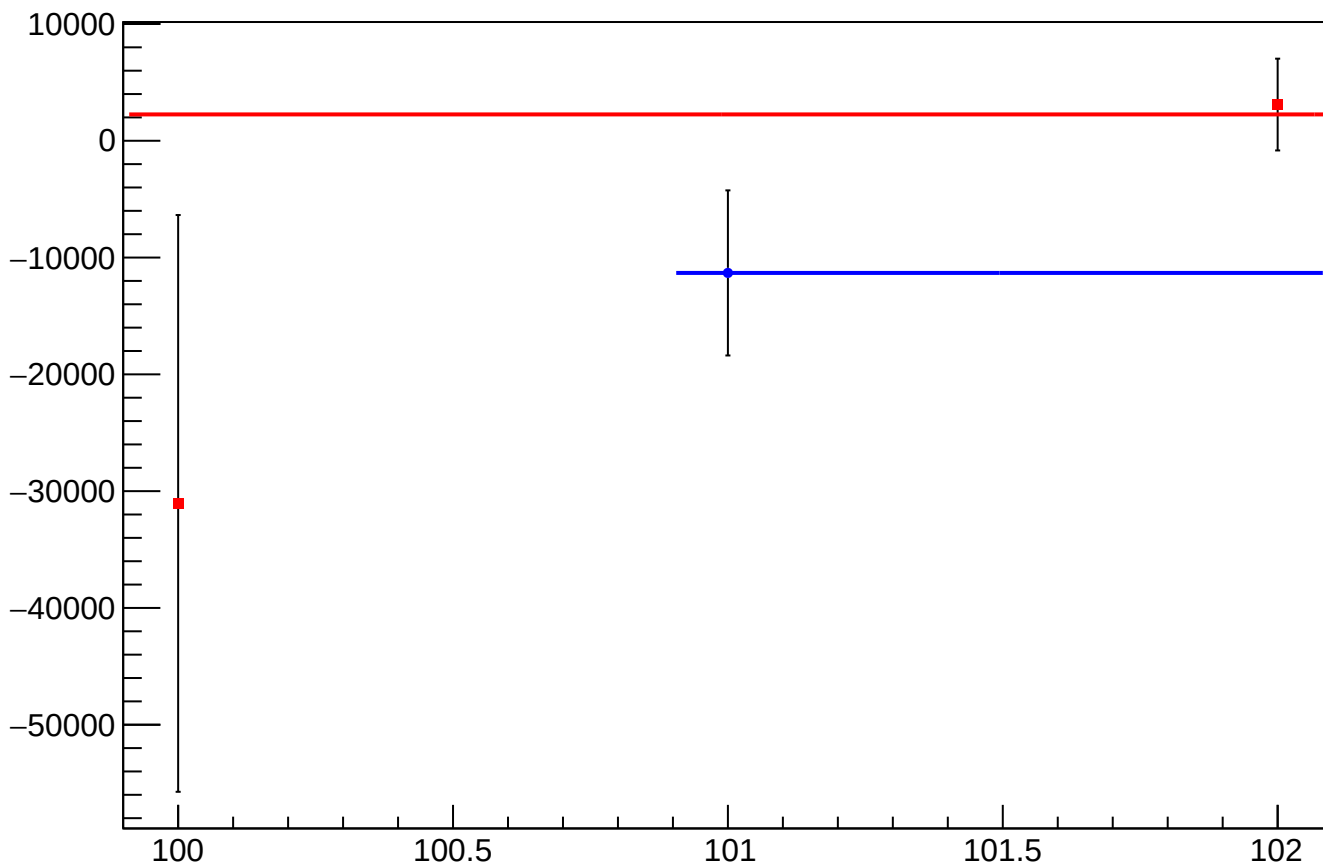
Right: 1862.245 $\pm$ 1.168 χ^2 /NDF: 196512.3/2

In: 1586.187 $\pm$ 1.391 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1862.245 $\pm$ 1.168 χ^2 /NDF: 196512.3/2

eigen_dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -11315.454+/-7068.077 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2256.677+/-3880.372 χ^2/NDF : 1.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

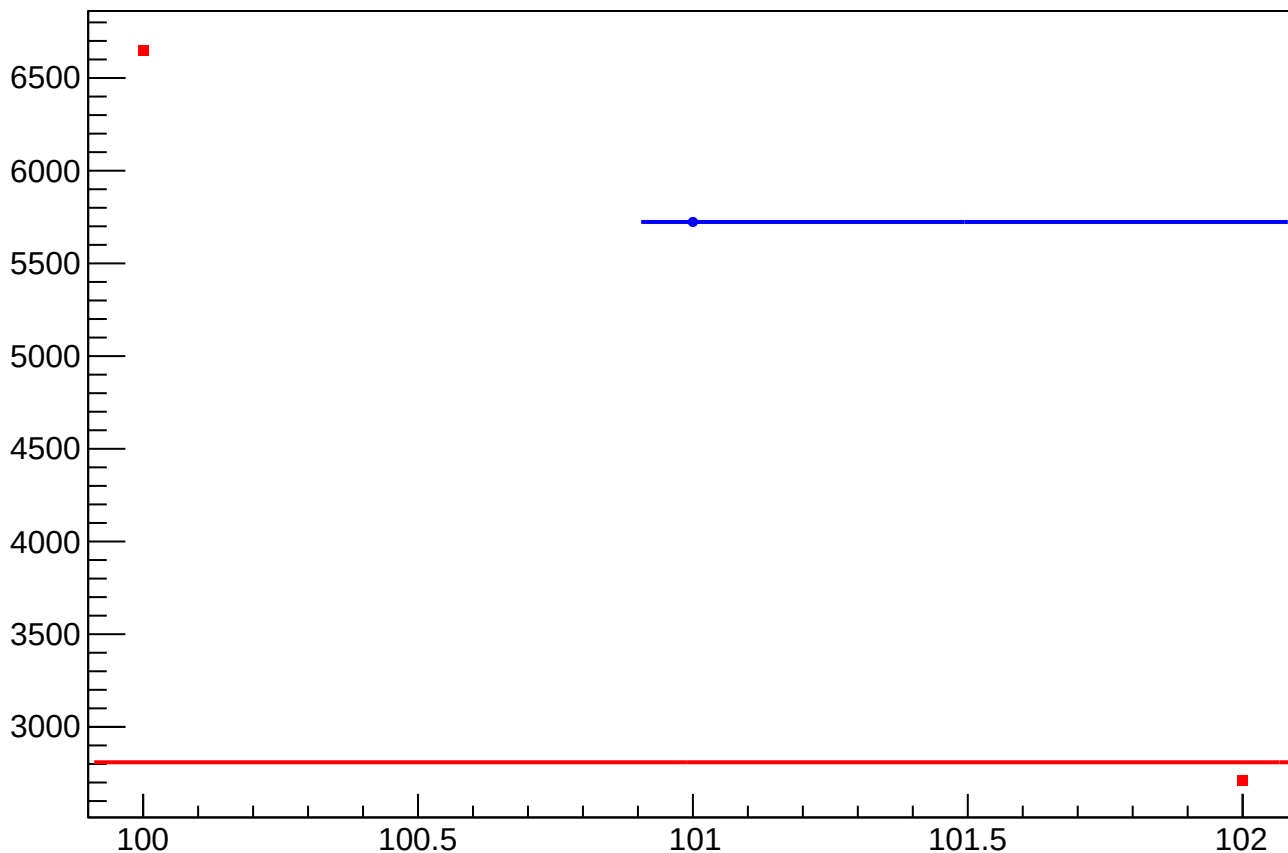
Right: -886.590+/-3401.480 χ^2/NDF : 4.7/2

In: -11315.454+/-7068.077 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -886.590+/-3401.480 χ^2/NDF : 4.7/2

eigen_dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 5723.529+/-4.998 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2809.191+/-2.744 χ^2/NDF : 49517.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

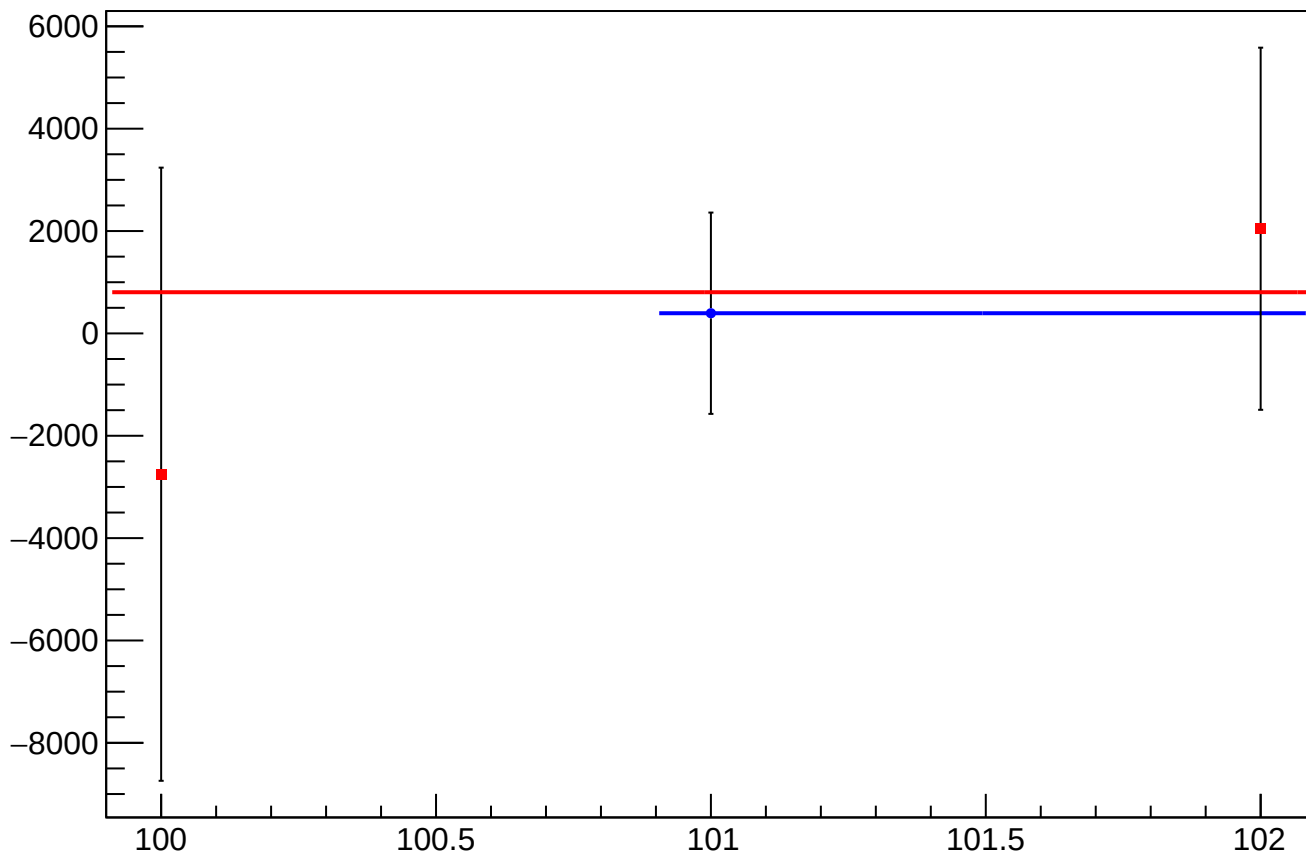
Right: 3484.067+/-2.405 χ^2/NDF : 310800.2/2

In: 5723.529+/-4.998 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3484.067+/-2.405 χ^2/NDF : 310800.2/2

asym_at1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 394.262 $\pm$ 1966.676 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 804.714 $\pm$ 3046.219 χ^2 /NDF: 0.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

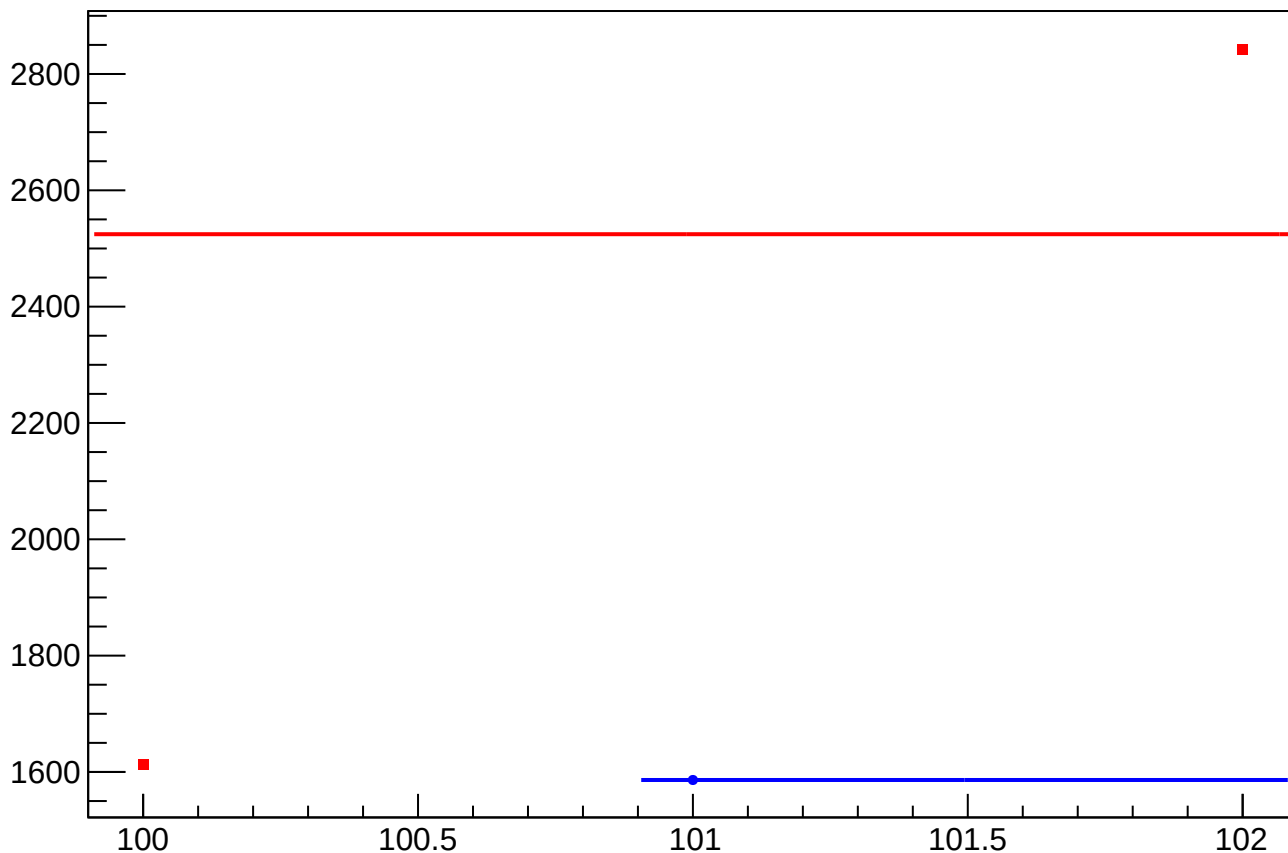
Right: 515.013 $\pm$ 1652.252 χ^2 /NDF: 0.5/2

In: 394.262 $\pm$ 1966.676 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 515.013 $\pm$ 1652.252 χ^2 /NDF: 0.5/2

asym_at1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1586.186 $\pm$ 1.391 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2524.548 $\pm$ 2.154 χ^2 /NDF: 62565.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

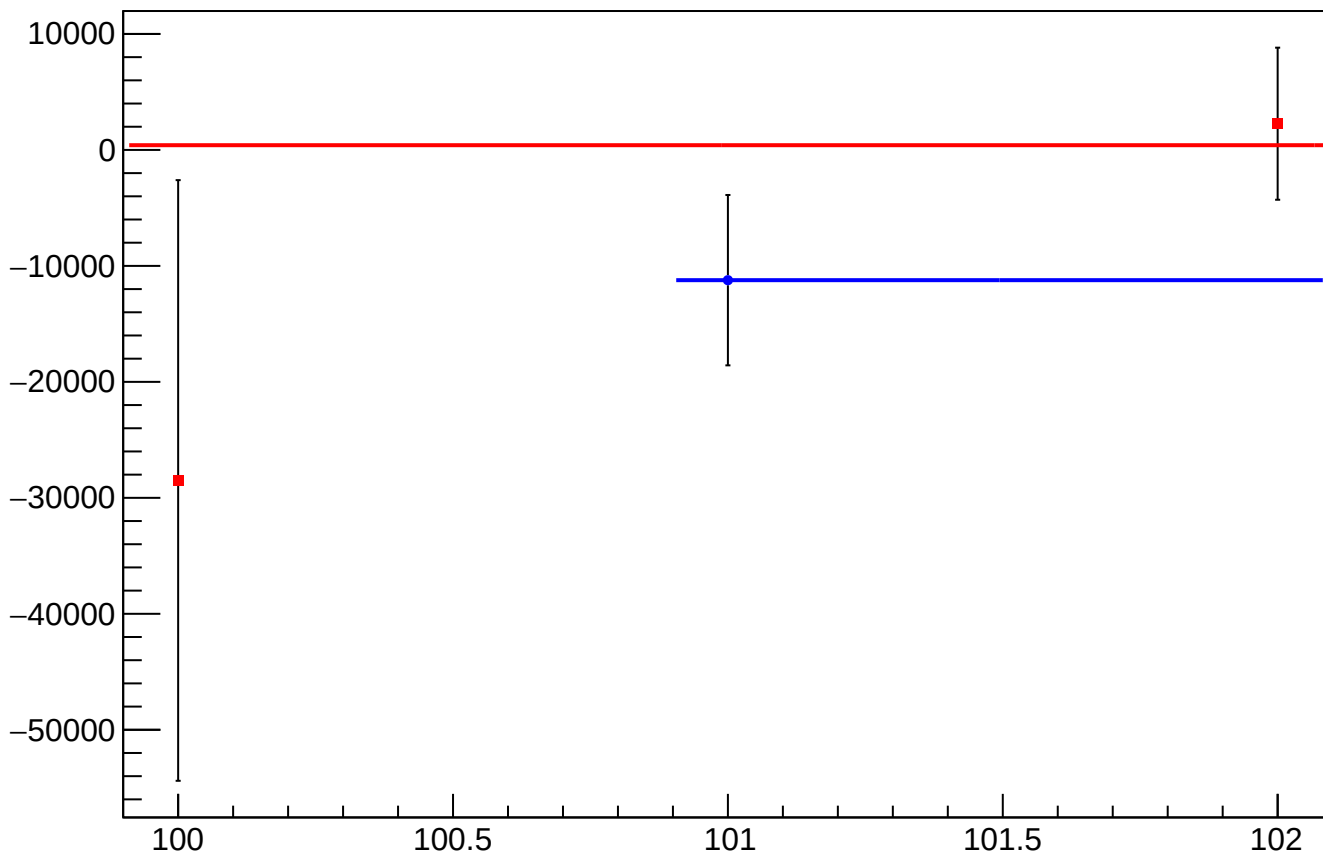
Right: 1862.244 $\pm$ 1.168 χ^2 /NDF: 196513.6/2

In: 1586.186 $\pm$ 1.391 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1862.244 $\pm$ 1.168 χ^2 /NDF: 196513.6/2

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -11230.654 $\pm$ 7345.380 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 407.785 $\pm$ 6355.977 χ^2 /NDF: 1.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

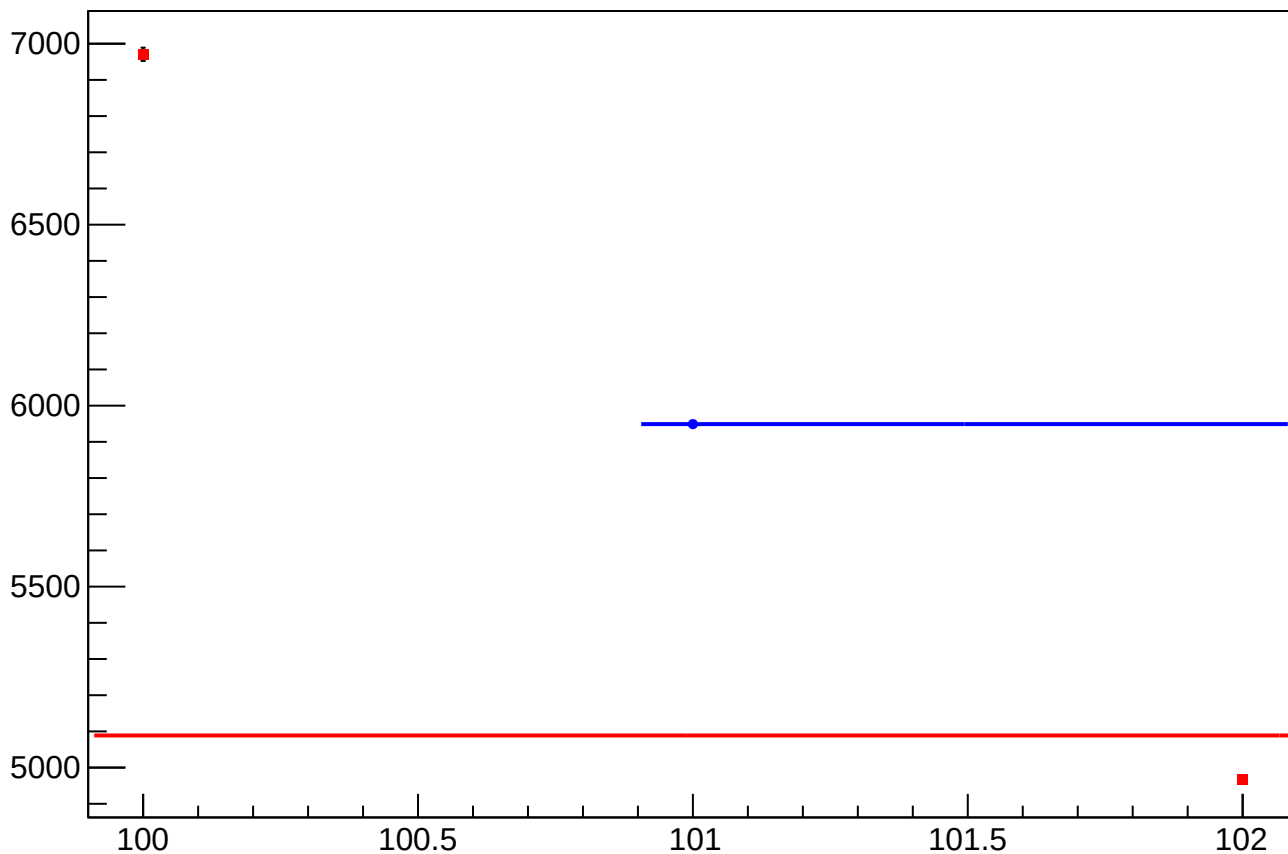
Right: -4575.359 $\pm$ 4806.386 χ^2 /NDF: 2.8/2

In: -11230.654 $\pm$ 7345.380 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -4575.359 $\pm$ 4806.386 χ^2 /NDF: 2.8/2

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 5949.004+/-5.194 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5088.751+/-4.493 χ^2/NDF : 11238.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

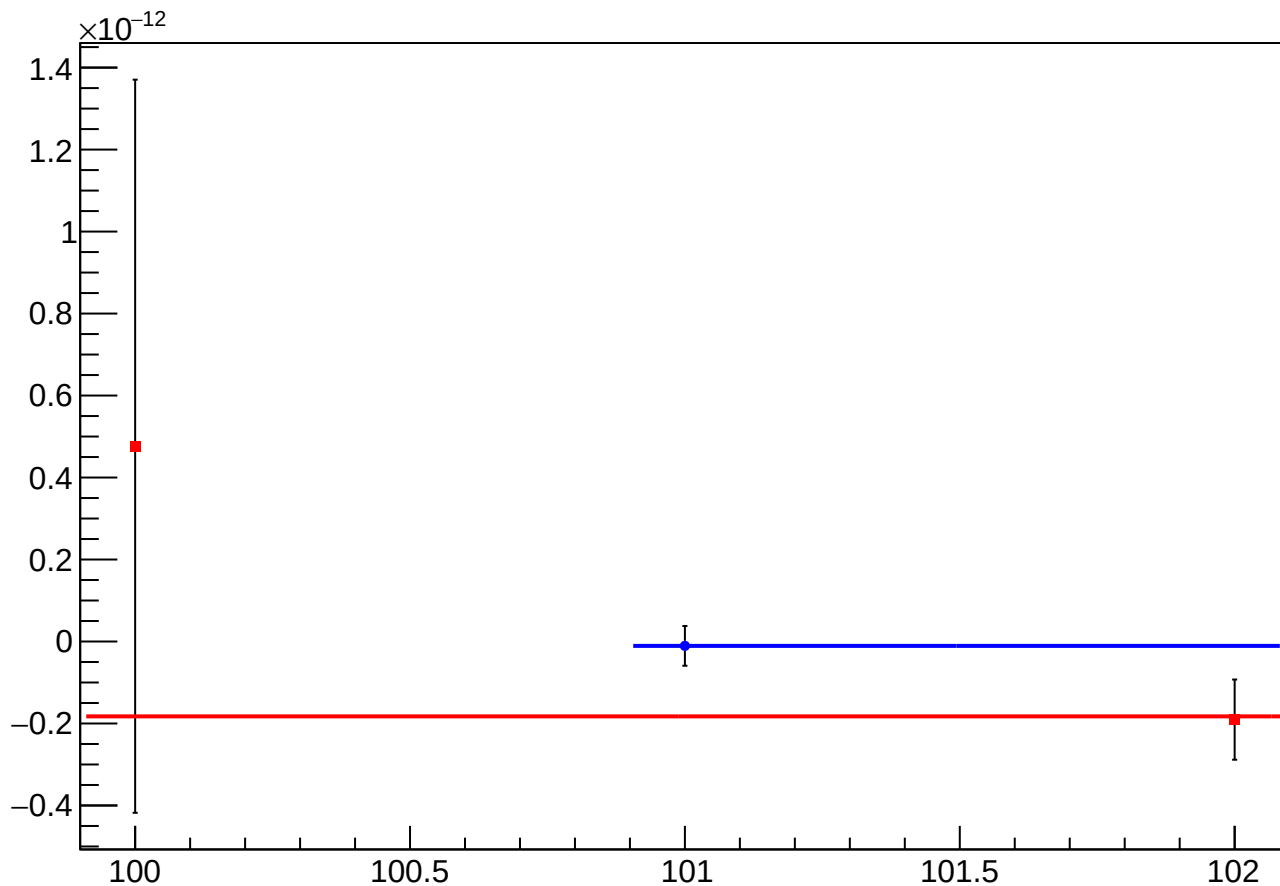
Right: 5456.997+/-3.398 χ^2/NDF : 26928.0/2

In: 5949.004+/-5.194 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5456.997+/-3.398 χ^2/NDF : 26928.0/2

asym_at1_dd_reg_vs_cor_diff_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: 0.5/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

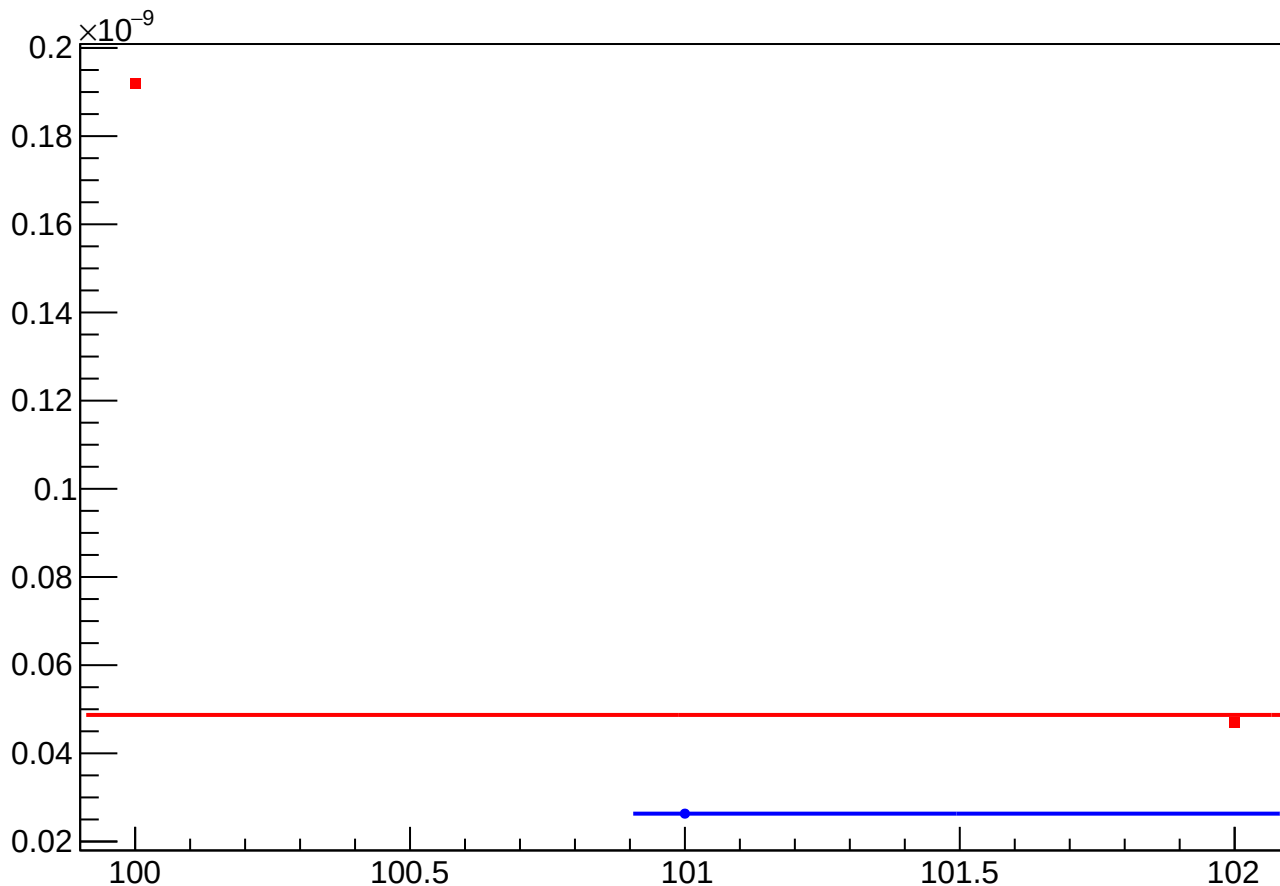
Right: -0.000+/-0.000 χ^2 /NDF: 3.1/2

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: 3.1/2

asym_at1_dd_reg_vs_cor_diff_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 : 51930.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

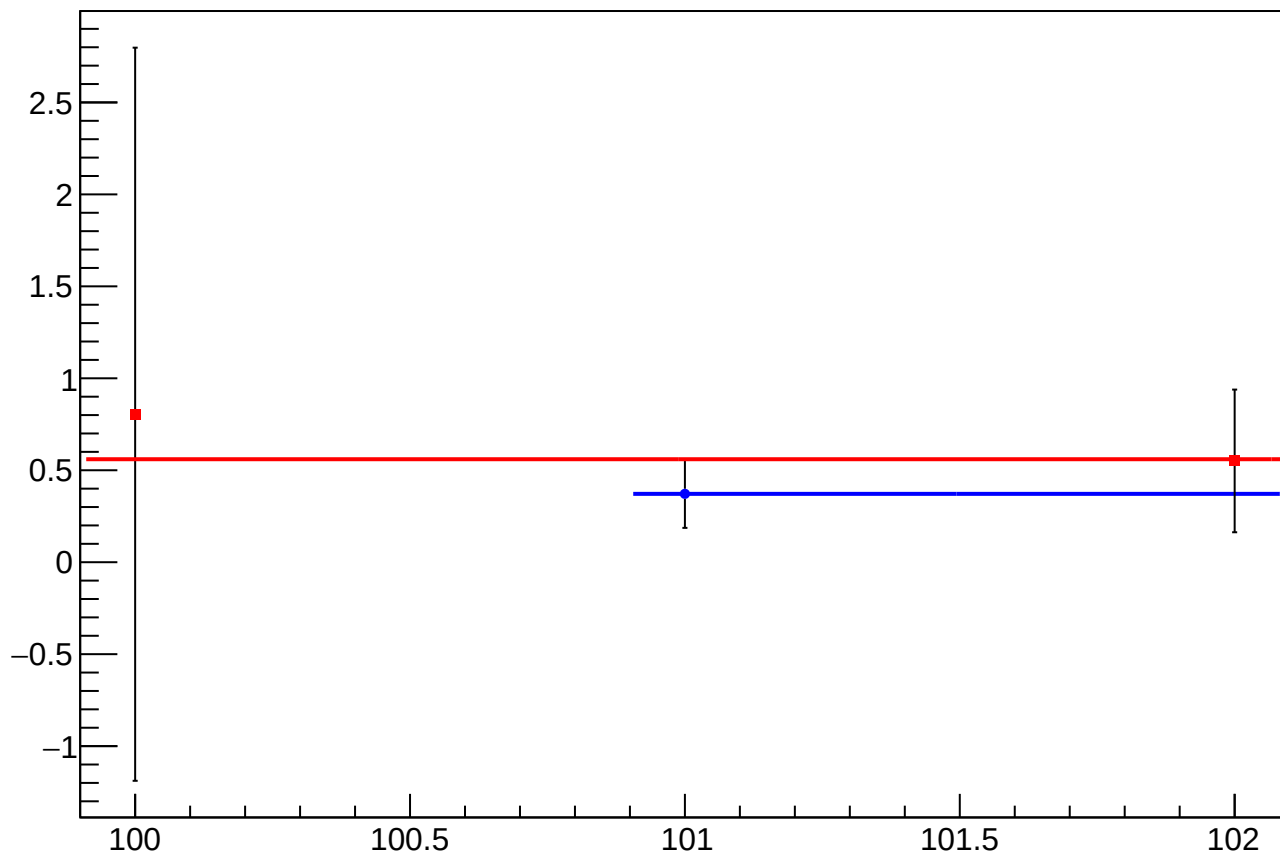
Right: 0.000+/-0.000 χ^2/NDF : 136900.9/2

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 : 136900.9/2

asym_at1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.372+/-0.185 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.560+/-0.381 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

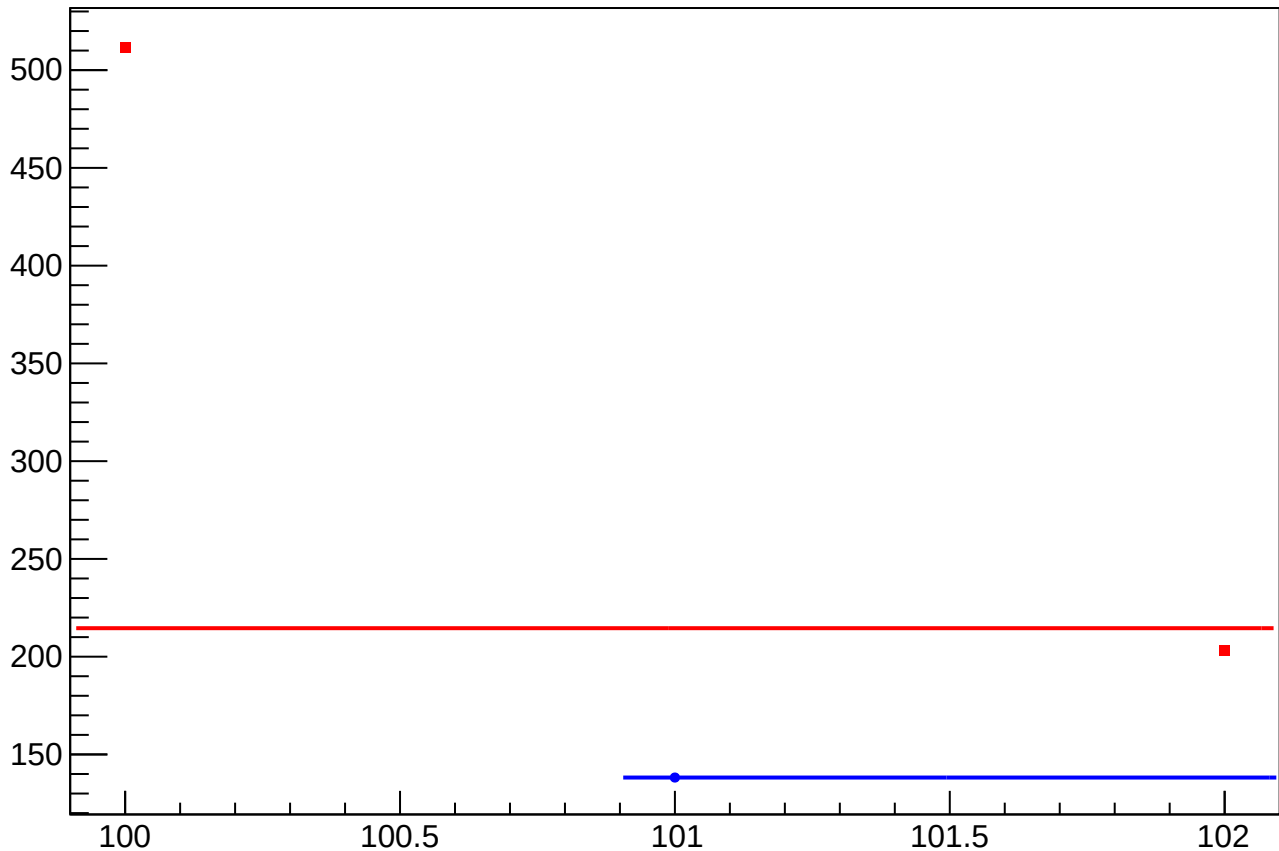
Right: 0.408+/-0.166 χ^2/NDF : 0.2/2

In: 0.372+/-0.185 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.408+/-0.166 χ^2/NDF : 0.2/2

asym_at1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.183+/-0.131 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 214.572+/-0.269 χ^2/NDF : 46103.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

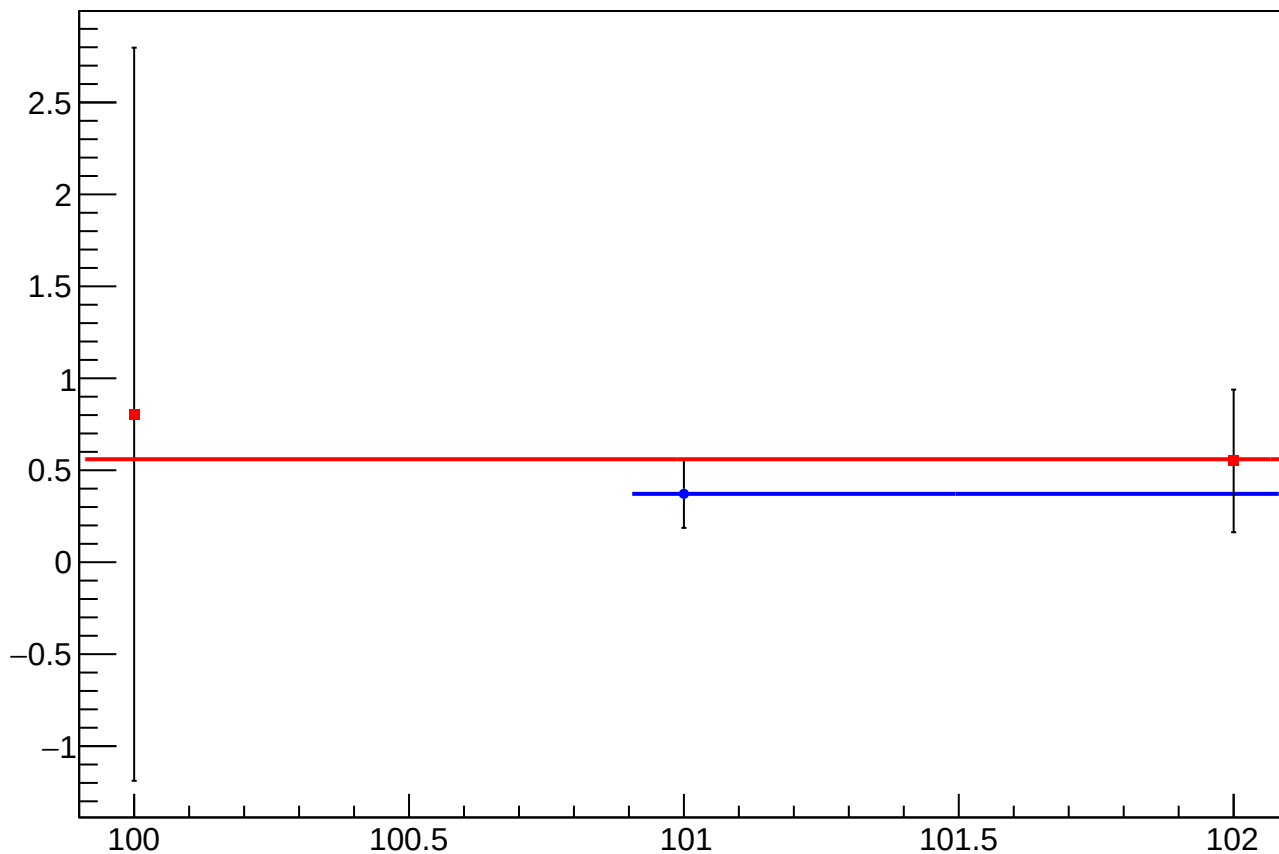
Right: 152.764+/-0.118 χ^2/NDF : 111245.9/2

In: 138.183+/-0.131 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.764+/-0.118 χ^2/NDF : 111245.9/2

asym_at1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.372 $\pm$ 0.185 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.560 $\pm$ 0.381 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

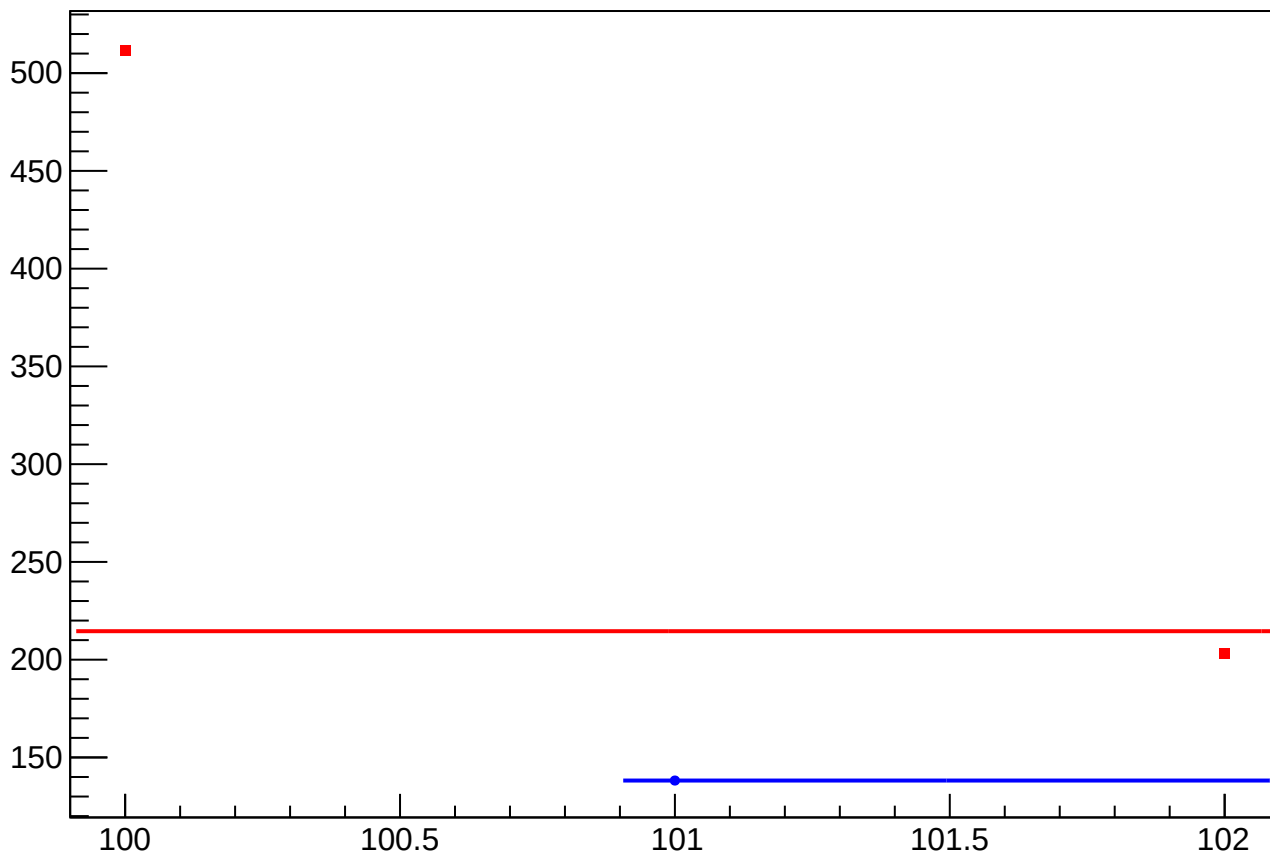
Right: 0.408 $\pm$ 0.166 χ^2 /NDF: 0.2/2

In: 0.372 $\pm$ 0.185 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.408 $\pm$ 0.166 χ^2 /NDF: 0.2/2

asym_at1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.183+/-0.131 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 214.572+/-0.269 χ^2/NDF : 46103.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

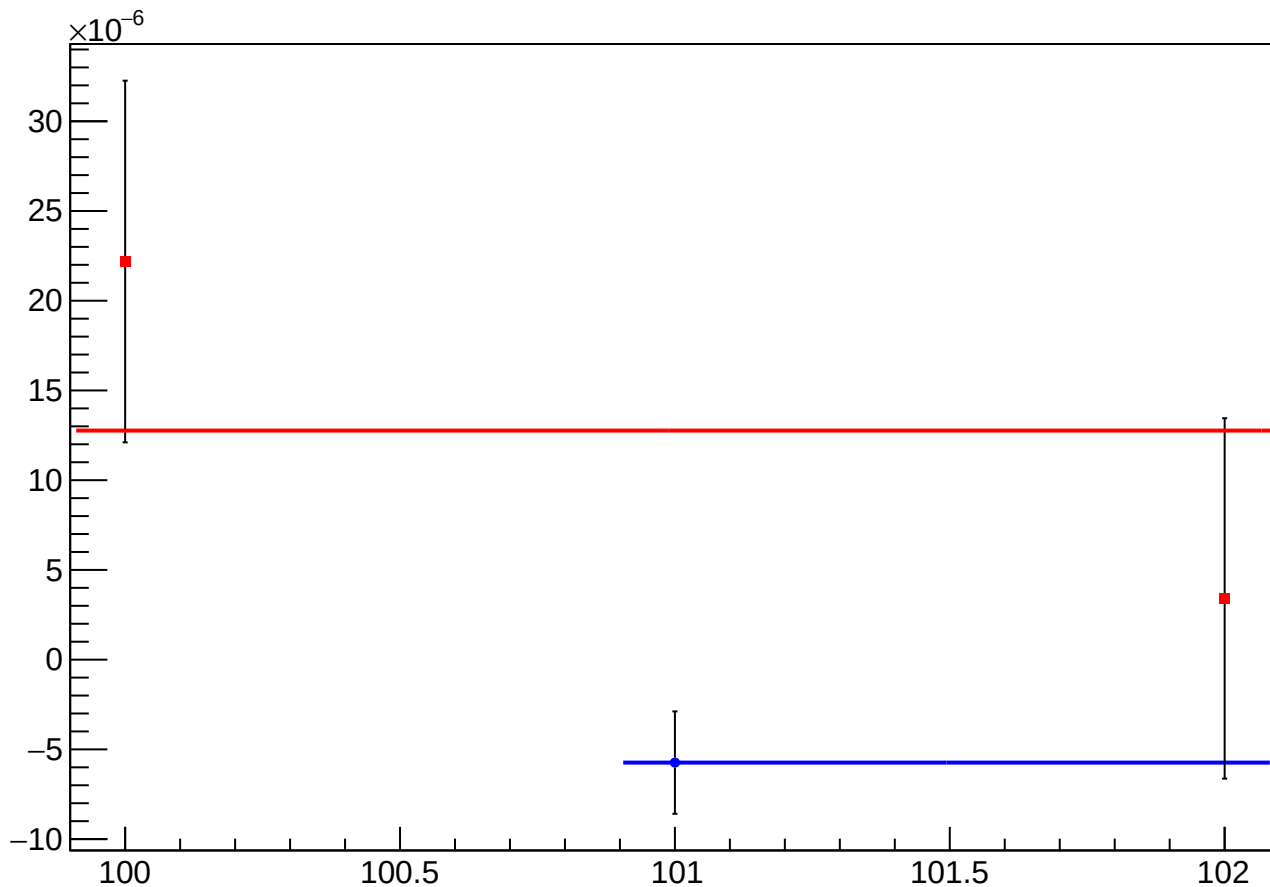
Right: 152.764+/-0.118 χ^2/NDF : 111245.9/2

In: 138.183+/-0.131 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.764+/-0.118 χ^2/NDF : 111245.9/2

asym_at1_dd_eigen_dit_vs_dit_diff_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: 1.7/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

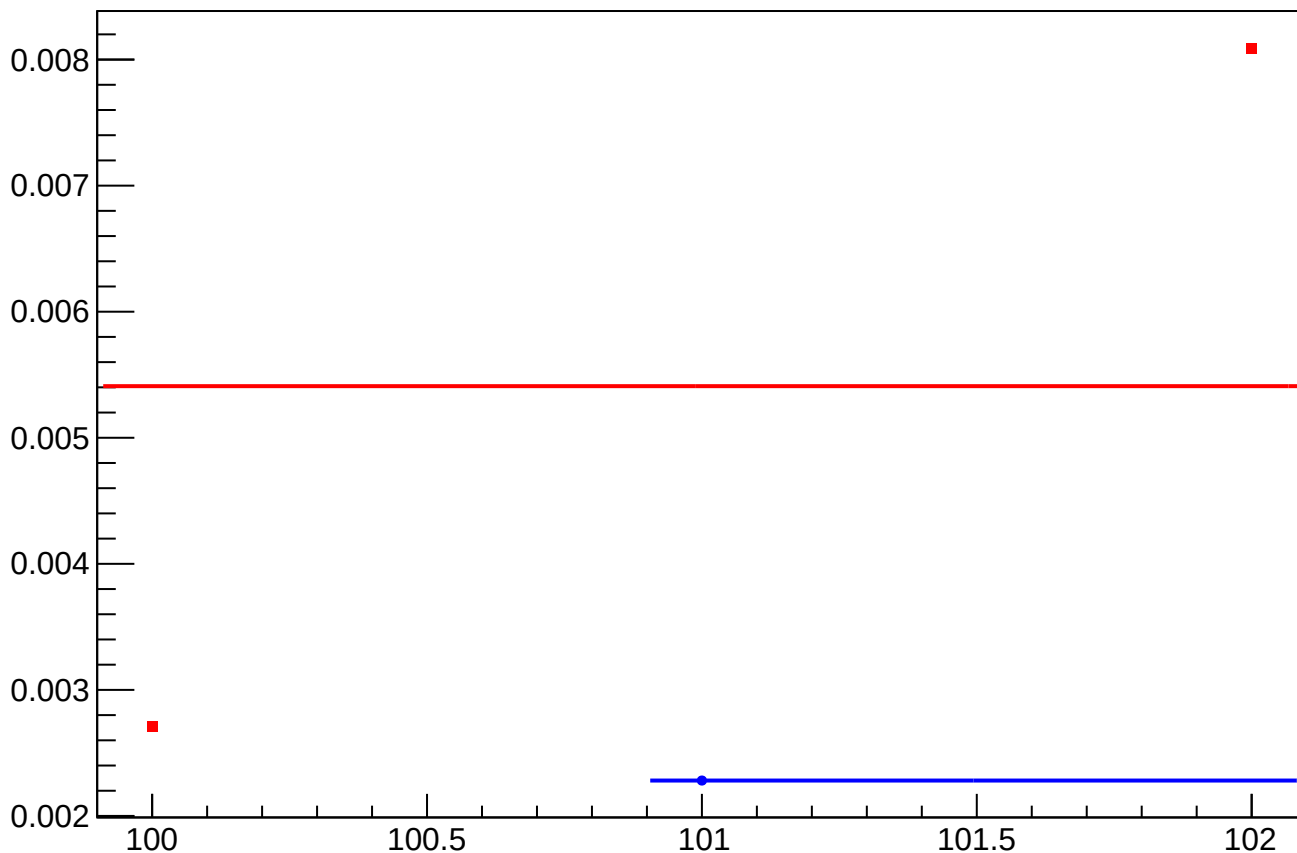
Right: -0.000+/-0.000 χ^2 /NDF: 7.6/2

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: 7.6/2

asym_at1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 285500.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

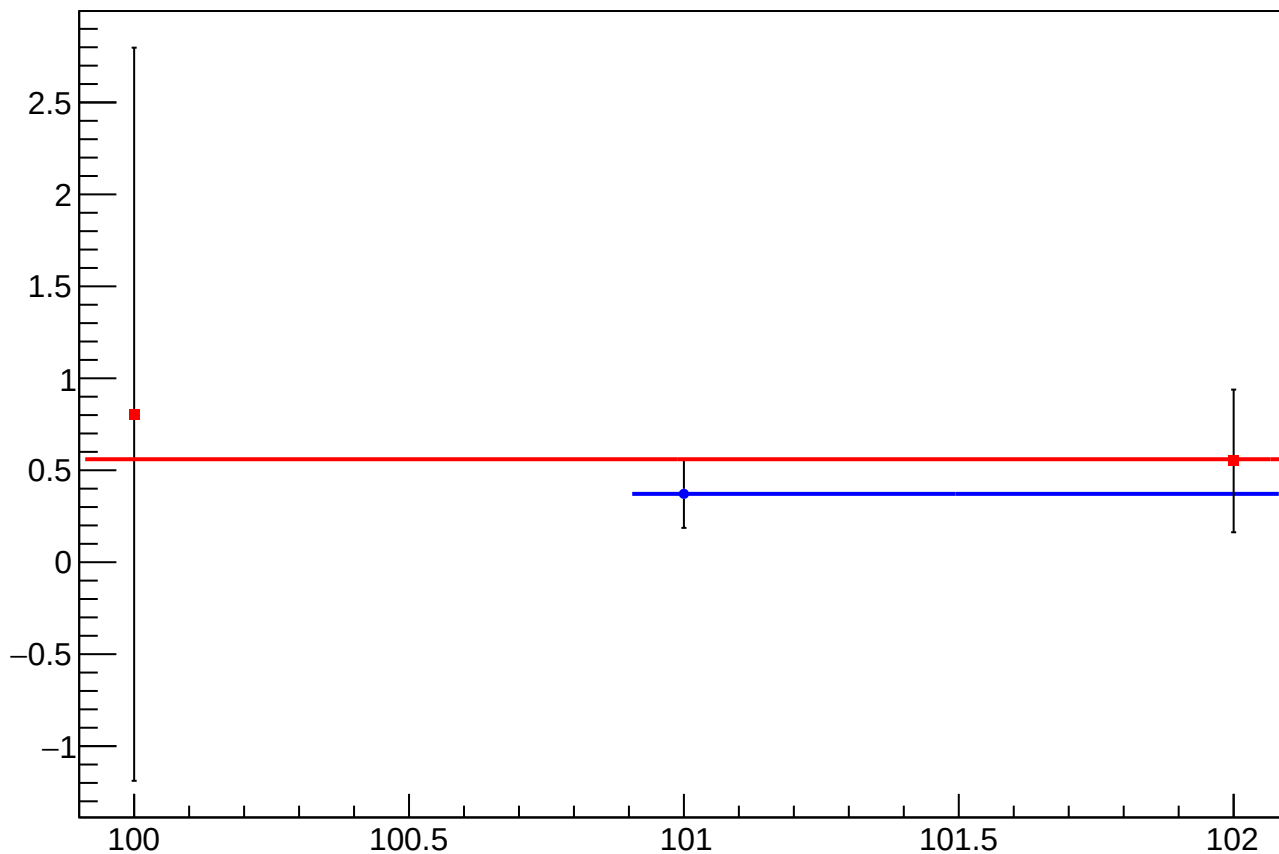
Right: 0.003+/-0.000 χ^2/NDF : 618760.1/2

In: 0.002+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 618760.1/2

asym_at1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.372+/-0.185 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.560+/-0.381 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

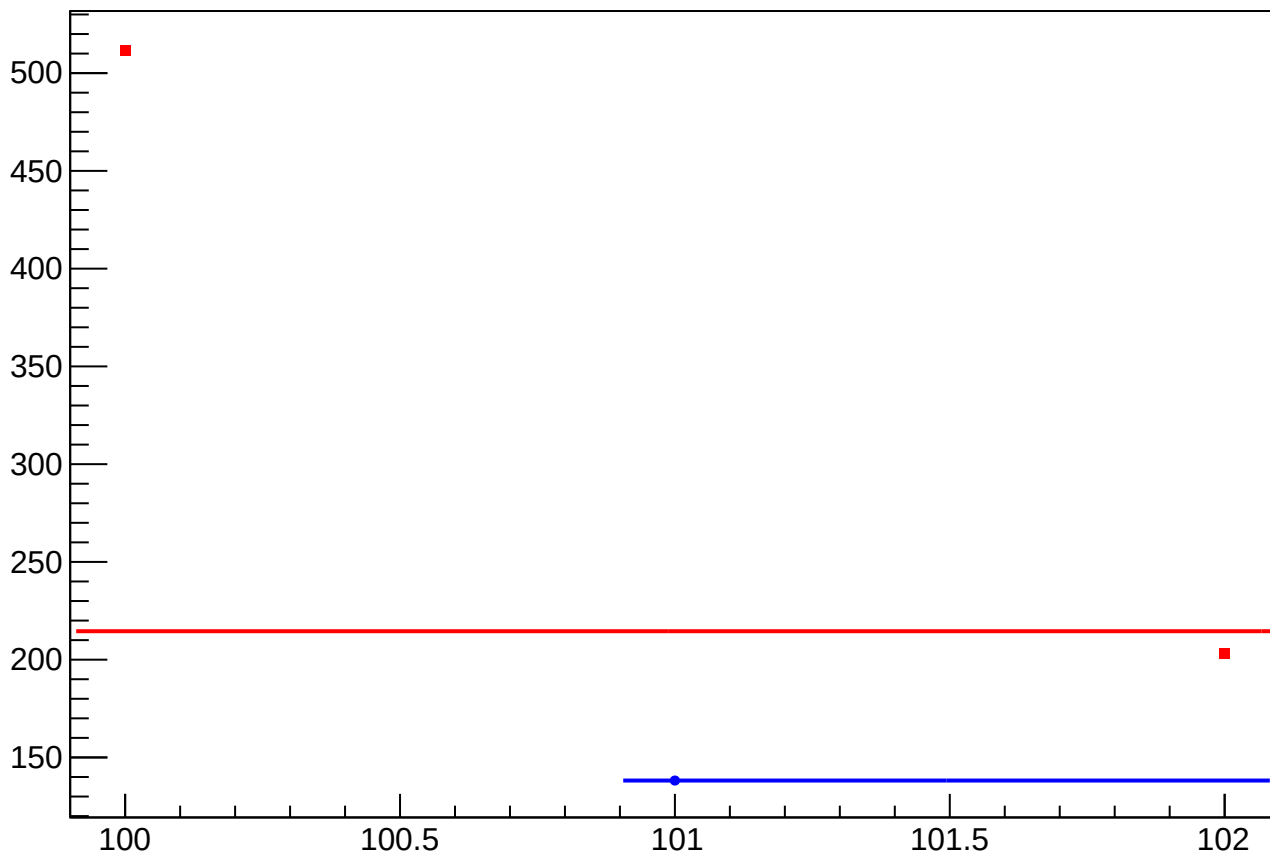
Right: 0.408+/-0.166 χ^2/NDF : 0.2/2

In: 0.372+/-0.185 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.408+/-0.166 χ^2/NDF : 0.2/2

asym_at1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.183+/-0.131 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 214.562+/-0.269 χ^2/NDF : 46105.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

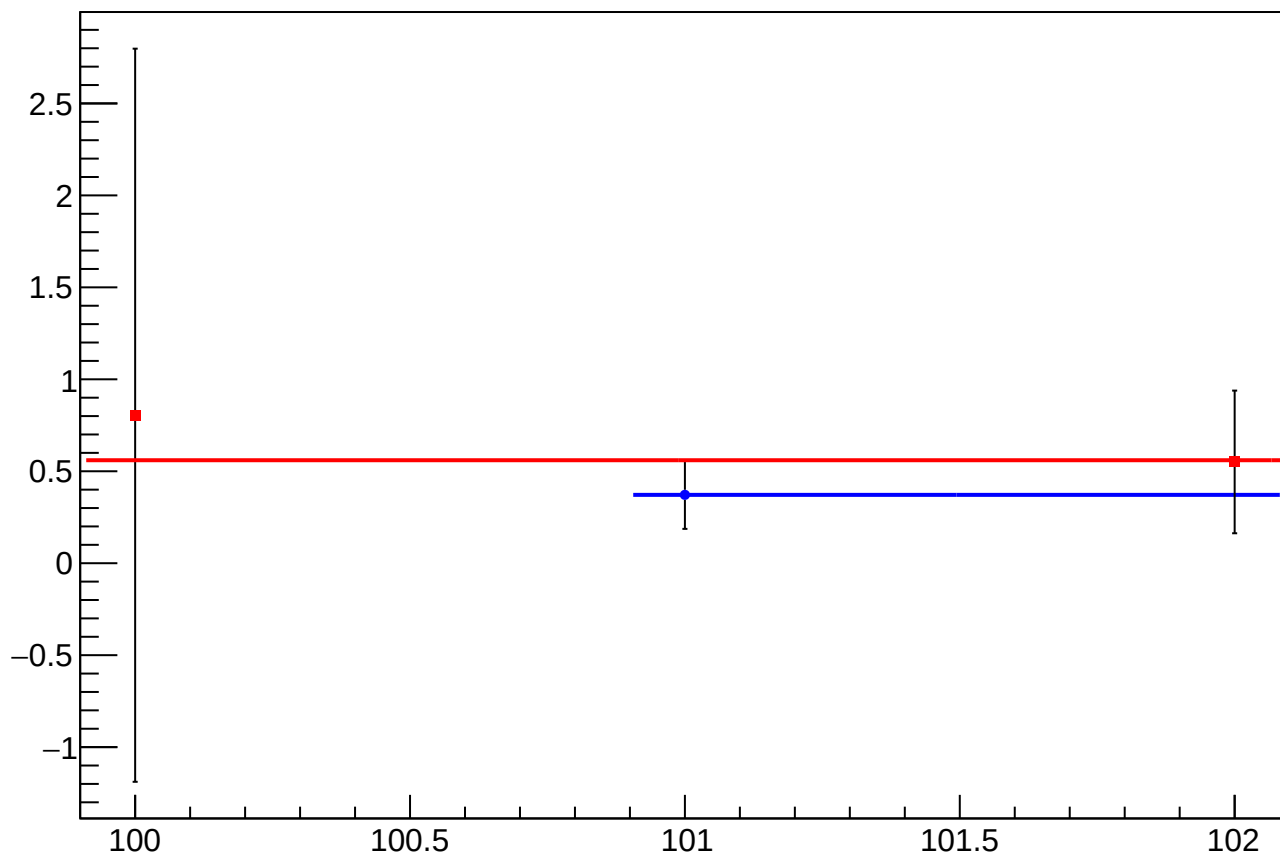
Right: 152.763+/-0.118 χ^2/NDF : 111235.0/2

In: 138.183+/-0.131 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.763+/-0.118 χ^2/NDF : 111235.0/2

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.372 $\pm$ 0.185 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.560 $\pm$ 0.381 χ^2/NDF : 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

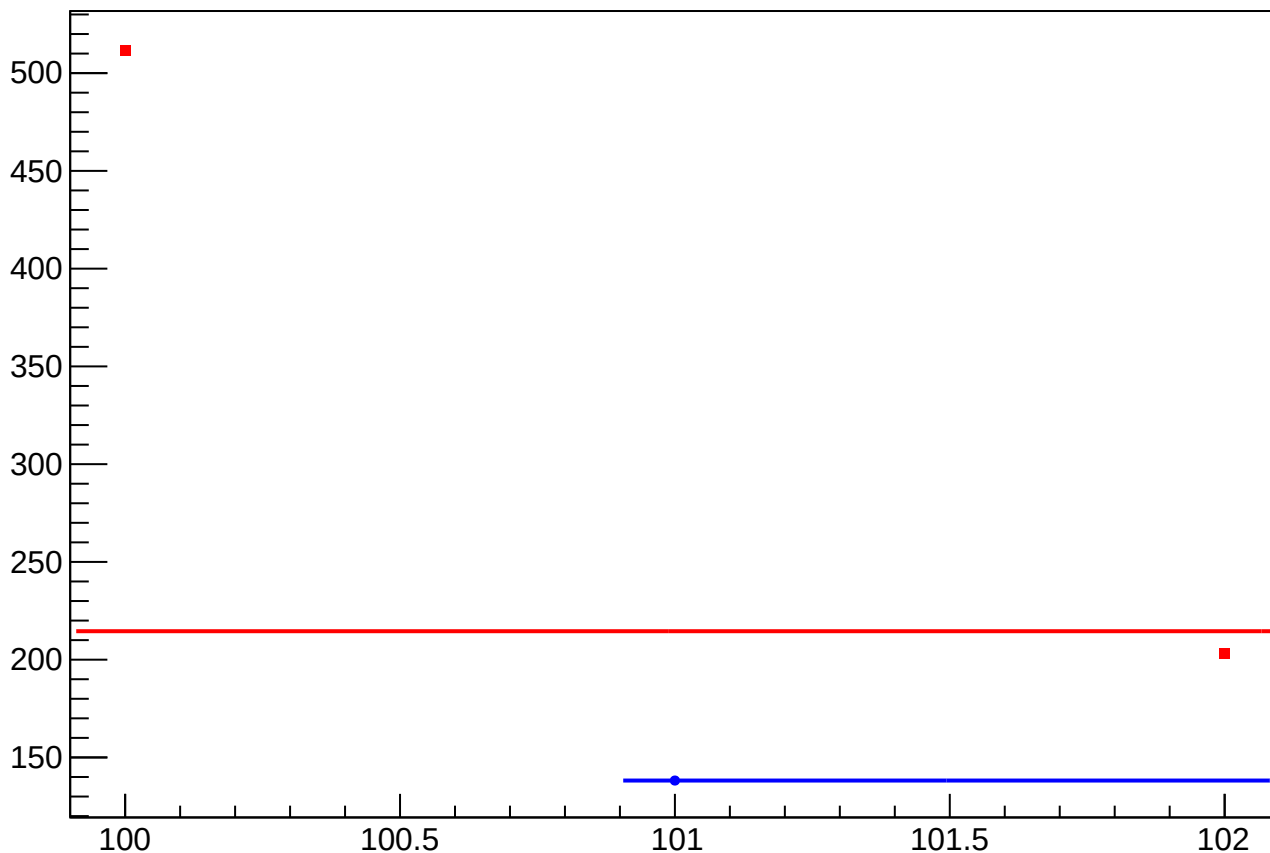
Right: 0.408 $\pm$ 0.166 χ^2/NDF : 0.2/2

In: 0.372 $\pm$ 0.185 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.408 $\pm$ 0.166 χ^2/NDF : 0.2/2

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 138.183 $\pm$ 0.131 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 214.562 $\pm$ 0.269 χ^2 /NDF: 46105.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

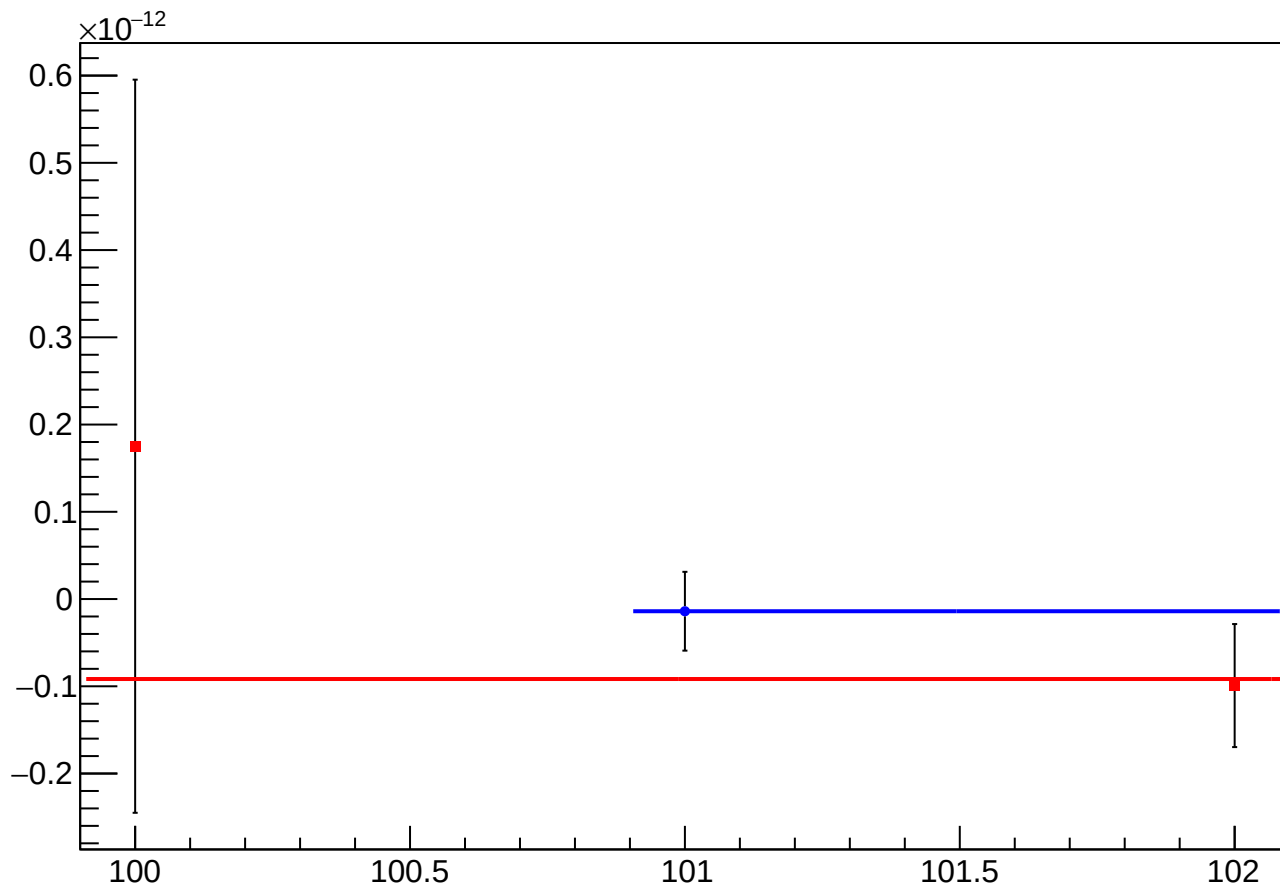
Right: 152.763 $\pm$ 0.118 χ^2 /NDF: 111235.0/2

In: 138.183 $\pm$ 0.131 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 152.763 $\pm$ 0.118 χ^2 /NDF: 111235.0/2

asym_at1_dd_eigen_cor_vs_cor_diff_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 : 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

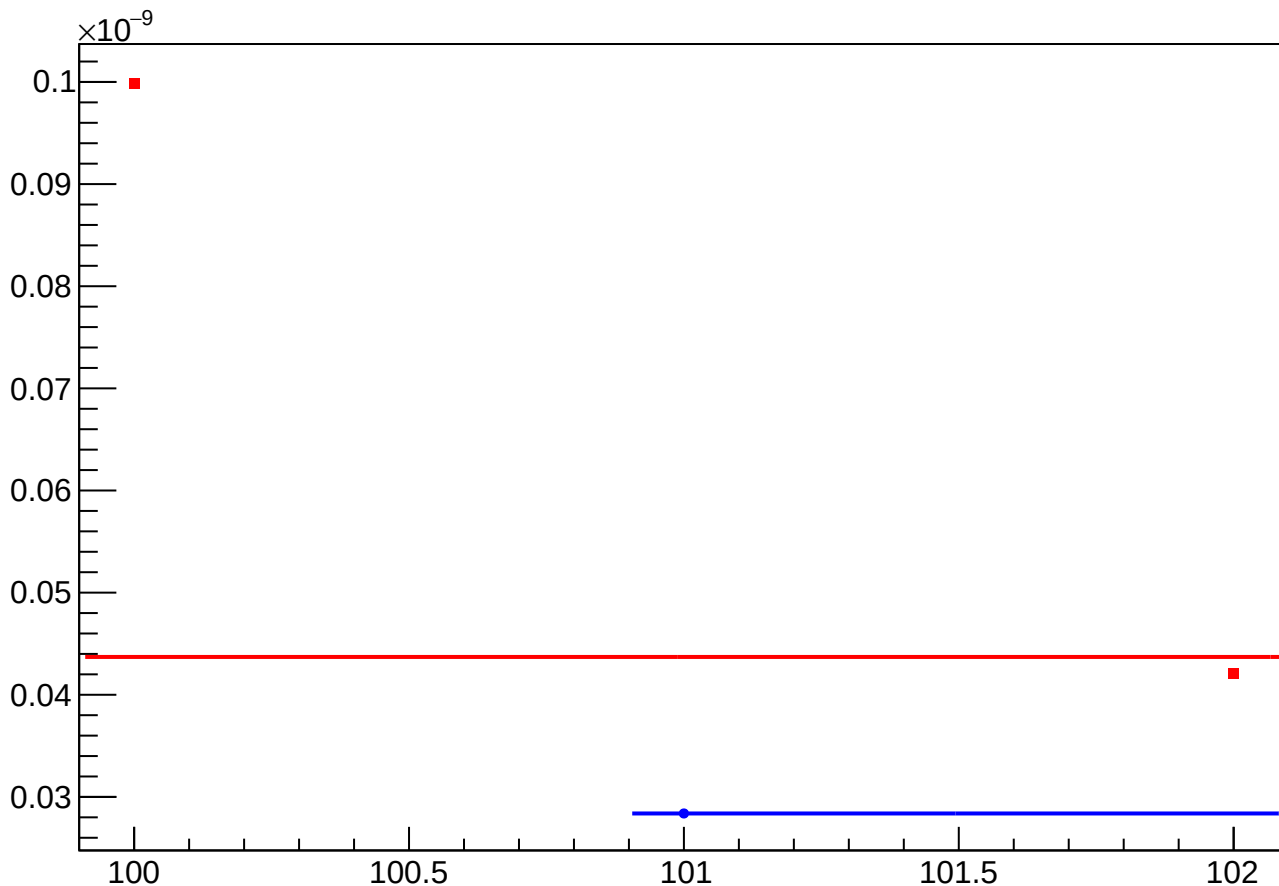
Right: -0.000+/-0.000 χ^2/NDF : 1.3/2

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 : 1.3/2

asym_at1_dd_eigen_cor_vs_cor_diff_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 : 36691.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

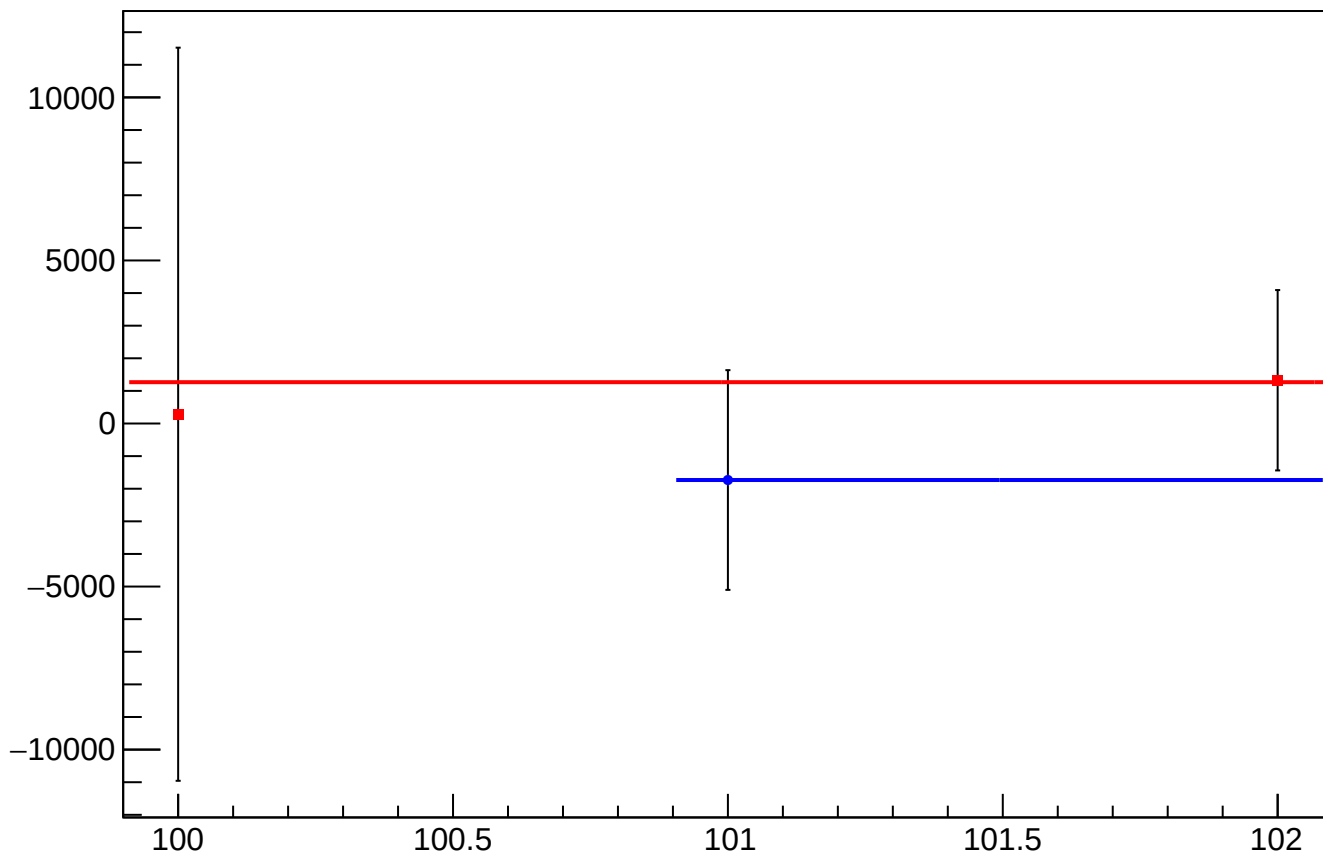
Right: 0.000+/-0.000 χ^2/NDF : 105002.5/2

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 : 105002.5/2

reg_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: -1732.746 $\pm$ 3369.056 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1267.247 $\pm$ 2685.290 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

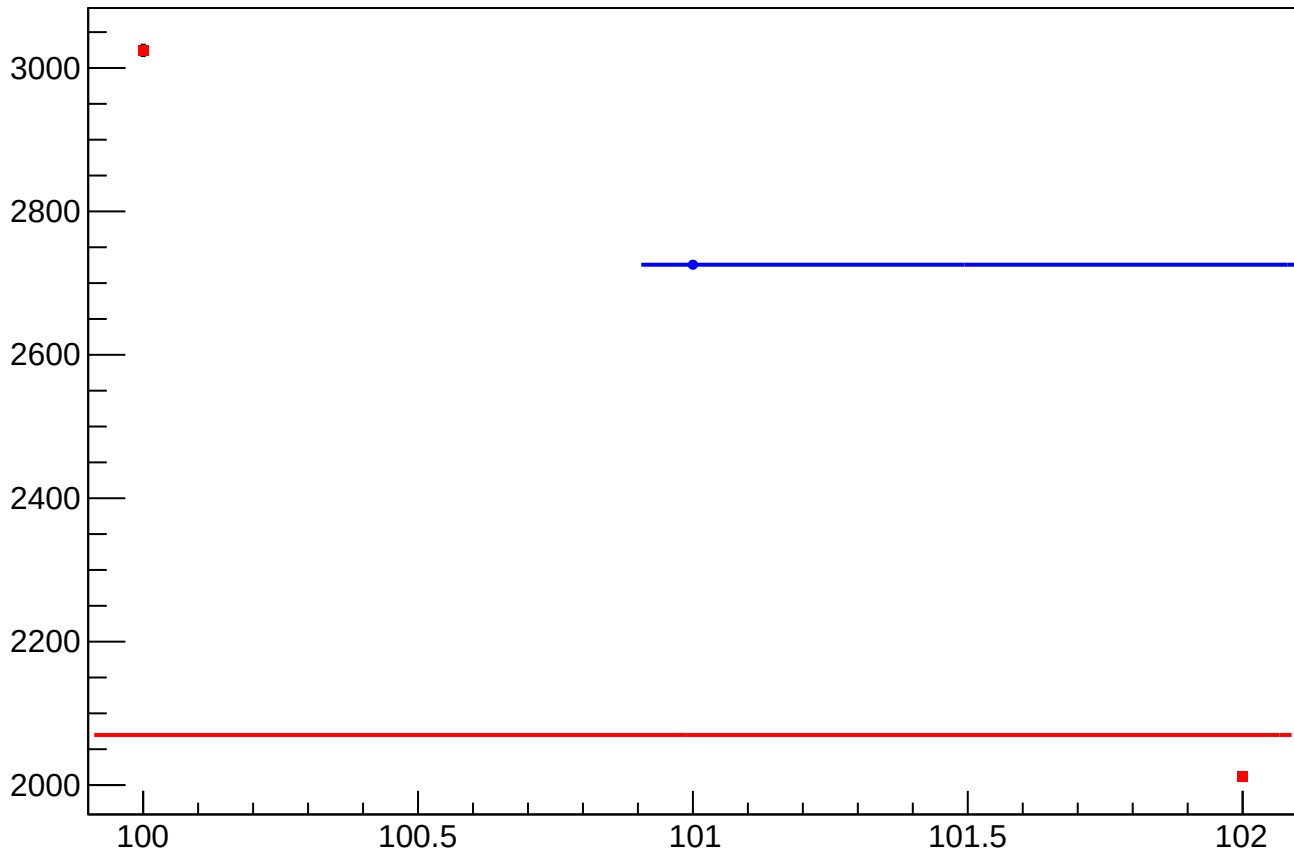
Right: 101.796 $\pm$ 2099.883 χ^2 /NDF: 0.5/2

In: -1732.746 $\pm$ 3369.056 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 101.796 $\pm$ 2099.883 χ^2 /NDF: 0.5/2

reg_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 2725.647 $\pm$ 2.382 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2069.865 $\pm$ 1.899 χ^2 /NDF: 15299.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

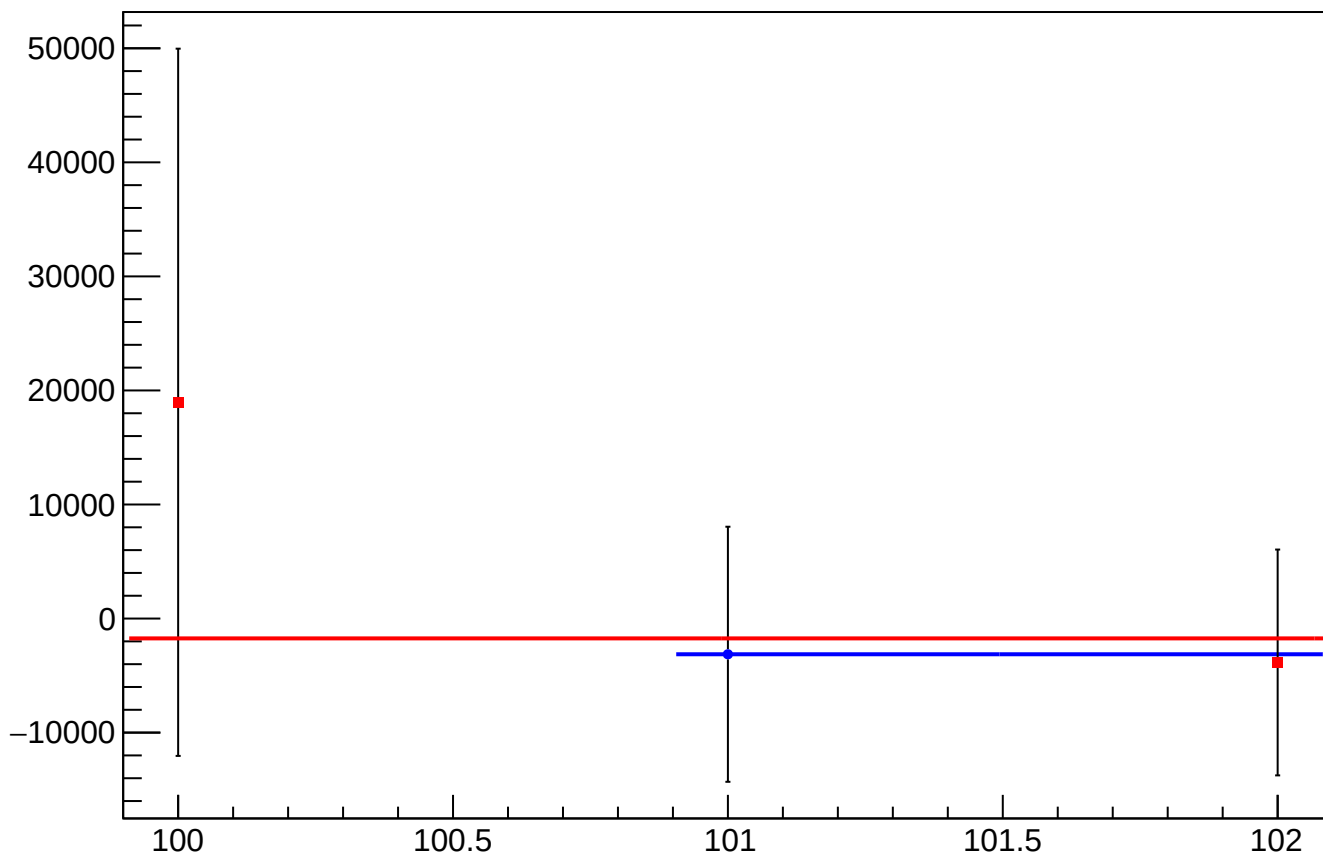
Right: 2324.624 $\pm$ 1.485 χ^2 /NDF: 61638.1/2

In: 2725.647 $\pm$ 2.382 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2324.624 $\pm$ 1.485 χ^2 /NDF: 61638.1/2

asym_at2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -3131.190+/-11181.976 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1739.935+/-9431.143 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

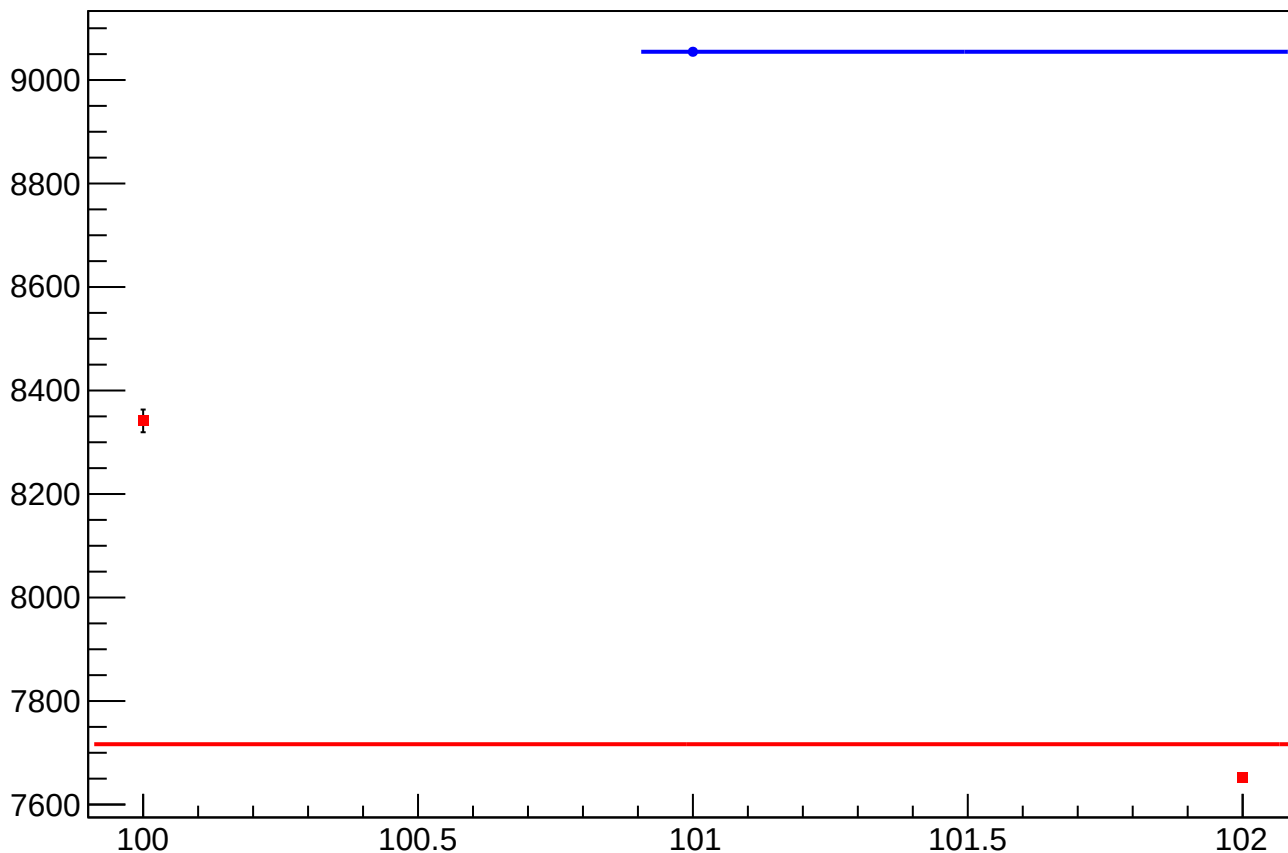
Right: -2318.239+/-7209.302 χ^2/NDF : 0.5/2

In: -3131.190+/-11181.976 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2318.239+/-7209.302 χ^2/NDF : 0.5/2

asym_at2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 9054.580 $\pm$ 7.907 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7716.546 $\pm$ 6.669 χ^2 /NDF: 894.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

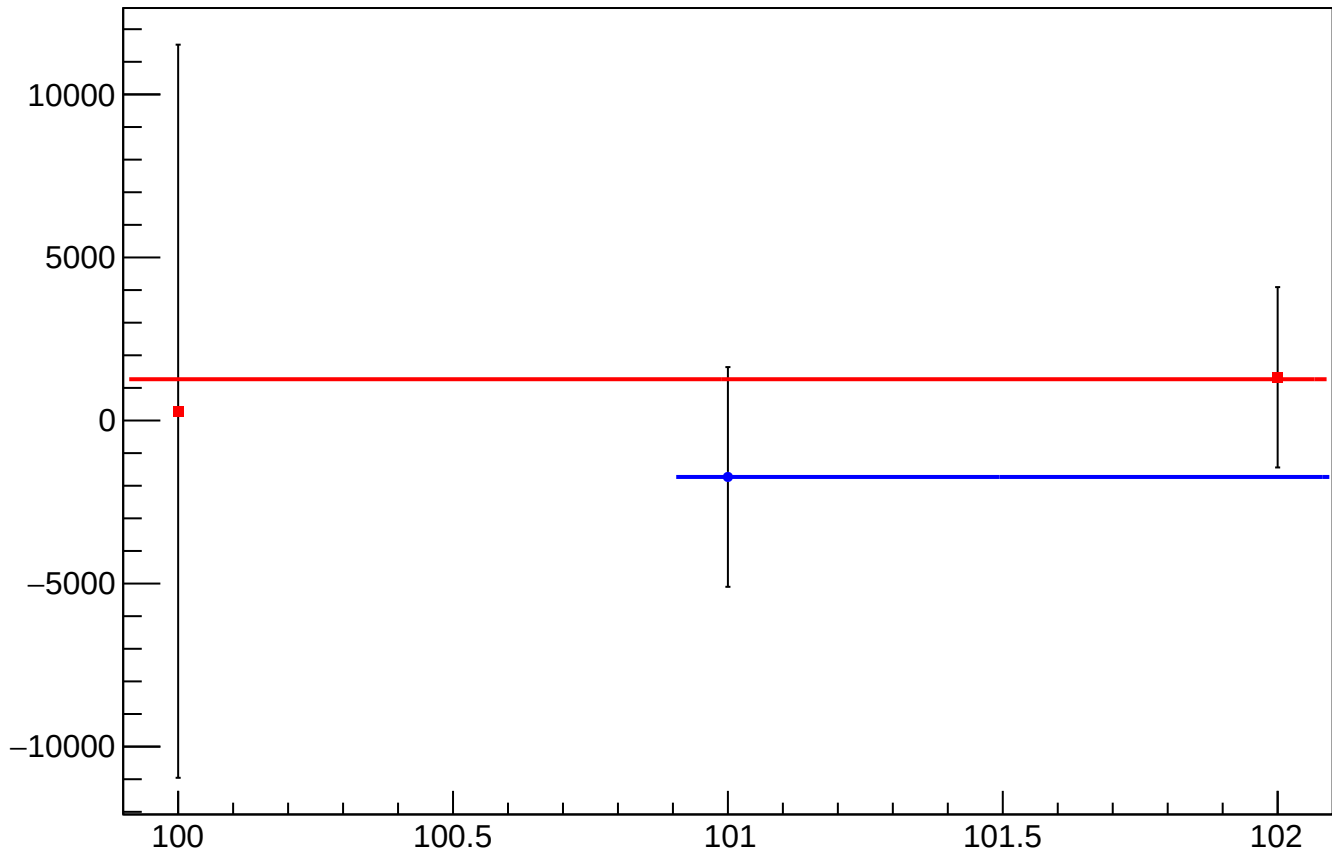
Right: 8272.727 $\pm$ 5.098 χ^2 /NDF: 17628.3/2

In: 9054.580 $\pm$ 7.907 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8272.727 $\pm$ 5.098 χ^2 /NDF: 17628.3/2

cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: -1730.792 $\pm$ 3369.059 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1266.188 $\pm$ 2685.292 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

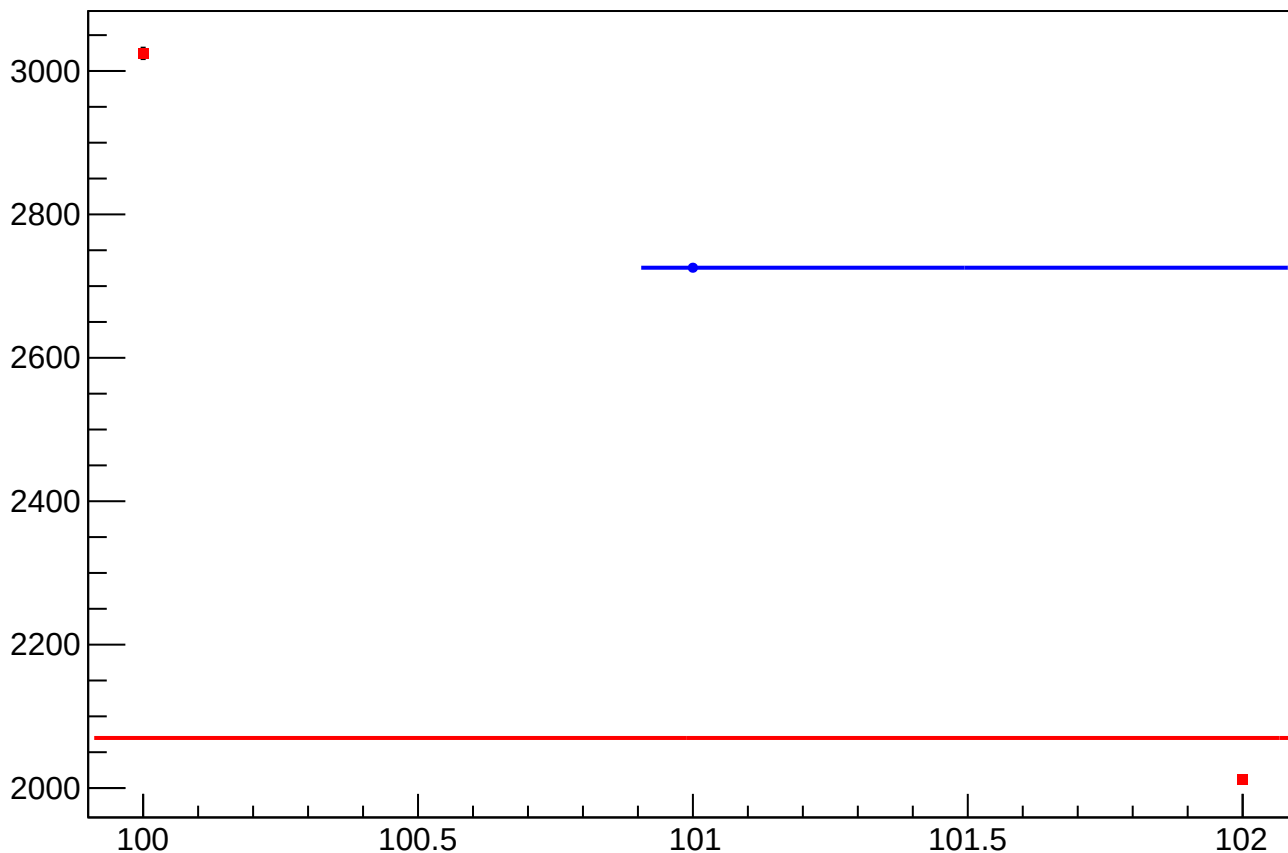
Right: 101.909 $\pm$ 2099.884 χ^2 /NDF: 0.5/2

In: -1730.792 $\pm$ 3369.059 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 101.909 $\pm$ 2099.884 χ^2 /NDF: 0.5/2

cor_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 2725.647 $\pm$ 2.382 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2069.863 $\pm$ 1.899 χ^2 /NDF: 15299.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

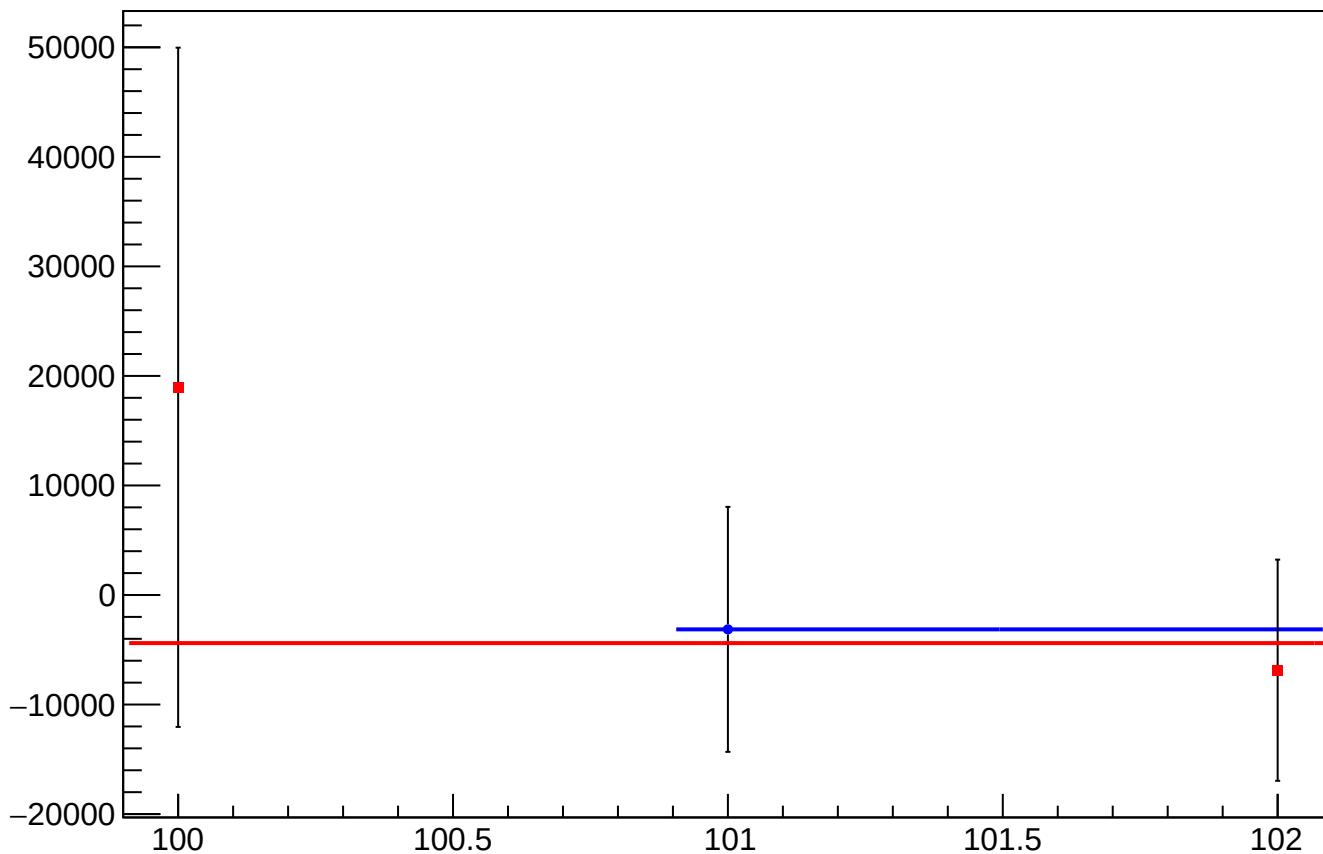
Right: 2324.623 $\pm$ 1.485 χ^2 /NDF: 61638.4/2

In: 2725.647 $\pm$ 2.382 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2324.623 $\pm$ 1.485 χ^2 /NDF: 61638.4/2

asym_at2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -3137.172+/-11180.934 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4389.939+/-9599.588 χ^2/NDF : 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

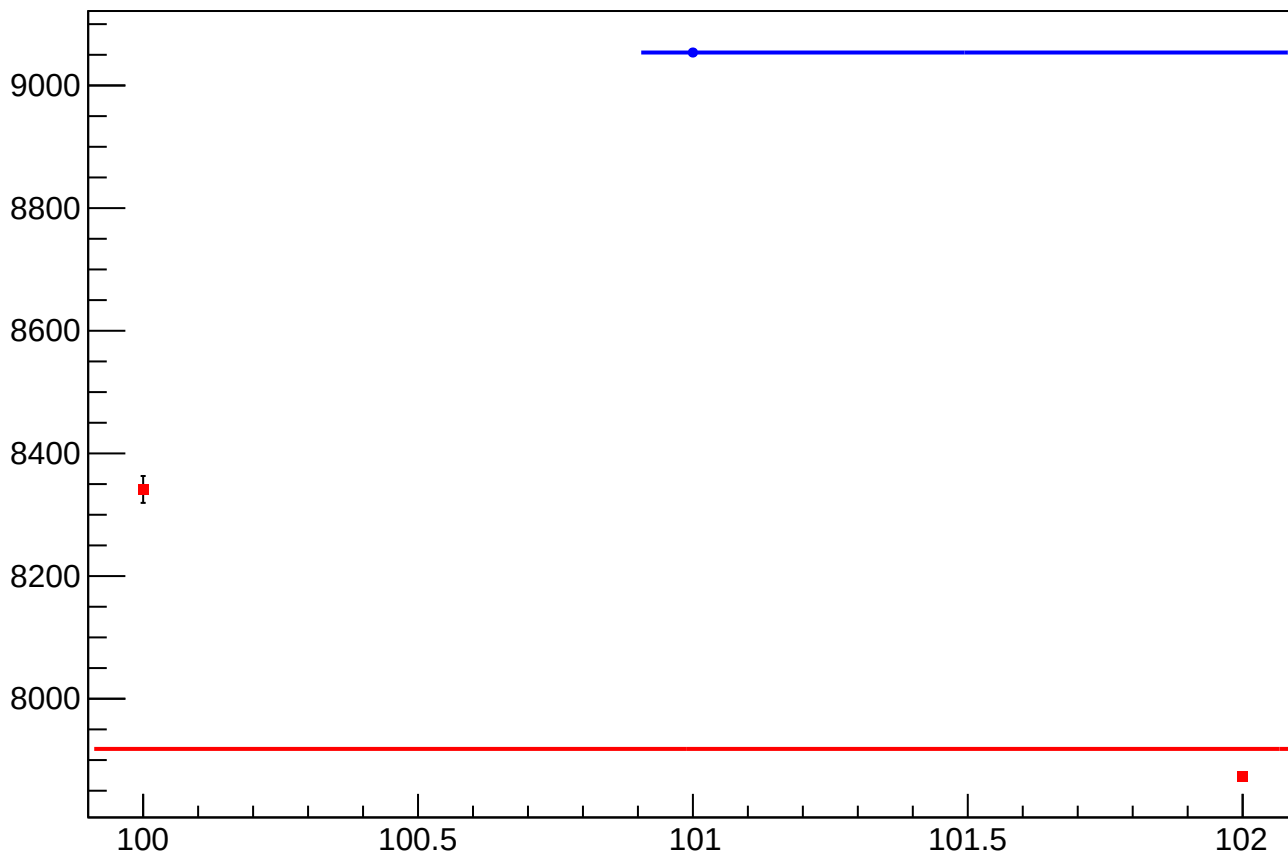
Right: -3858.339+/-7283.421 χ^2/NDF : 0.6/2

In: -3137.172+/-11180.934 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3858.339+/-7283.421 χ^2/NDF : 0.6/2

asym_at2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 9053.723 $\pm$ 7.906 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7918.181 $\pm$ 6.788 χ^2 /NDF: 411.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

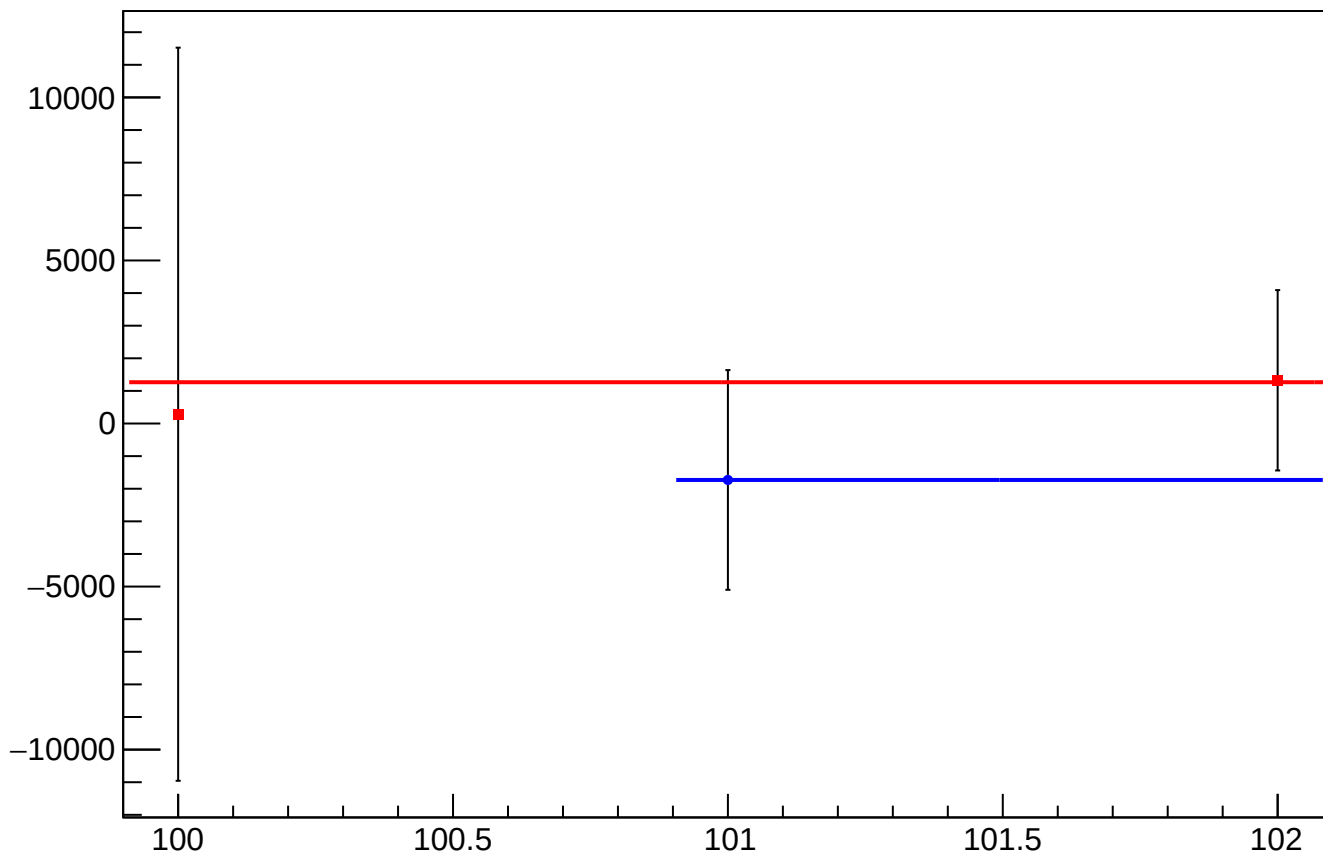
Right: 8400.037 $\pm$ 5.150 χ^2 /NDF: 12287.3/2

In: 9053.723 $\pm$ 7.906 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8400.037 $\pm$ 5.150 χ^2 /NDF: 12287.3/2

eigen_cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: -1730.792+/-3369.059 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1266.188+/-2685.292 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

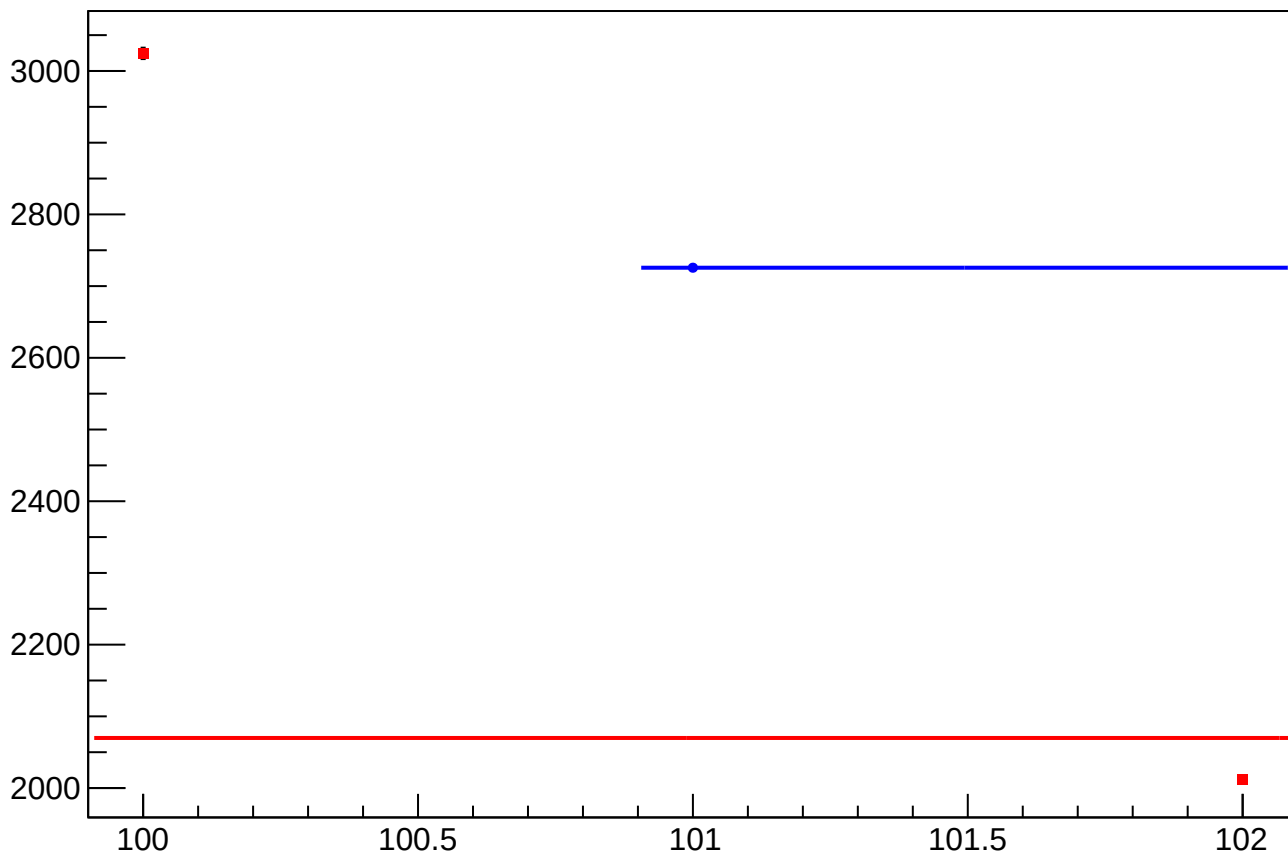
Right: 101.909+/-2099.884 χ^2/NDF : 0.5/2

In: -1730.792+/-3369.059 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.909+/-2099.884 χ^2/NDF : 0.5/2

eigen_cor_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 2725.647+/-2.382 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2069.863+/-1.899 χ^2/NDF : 15299.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

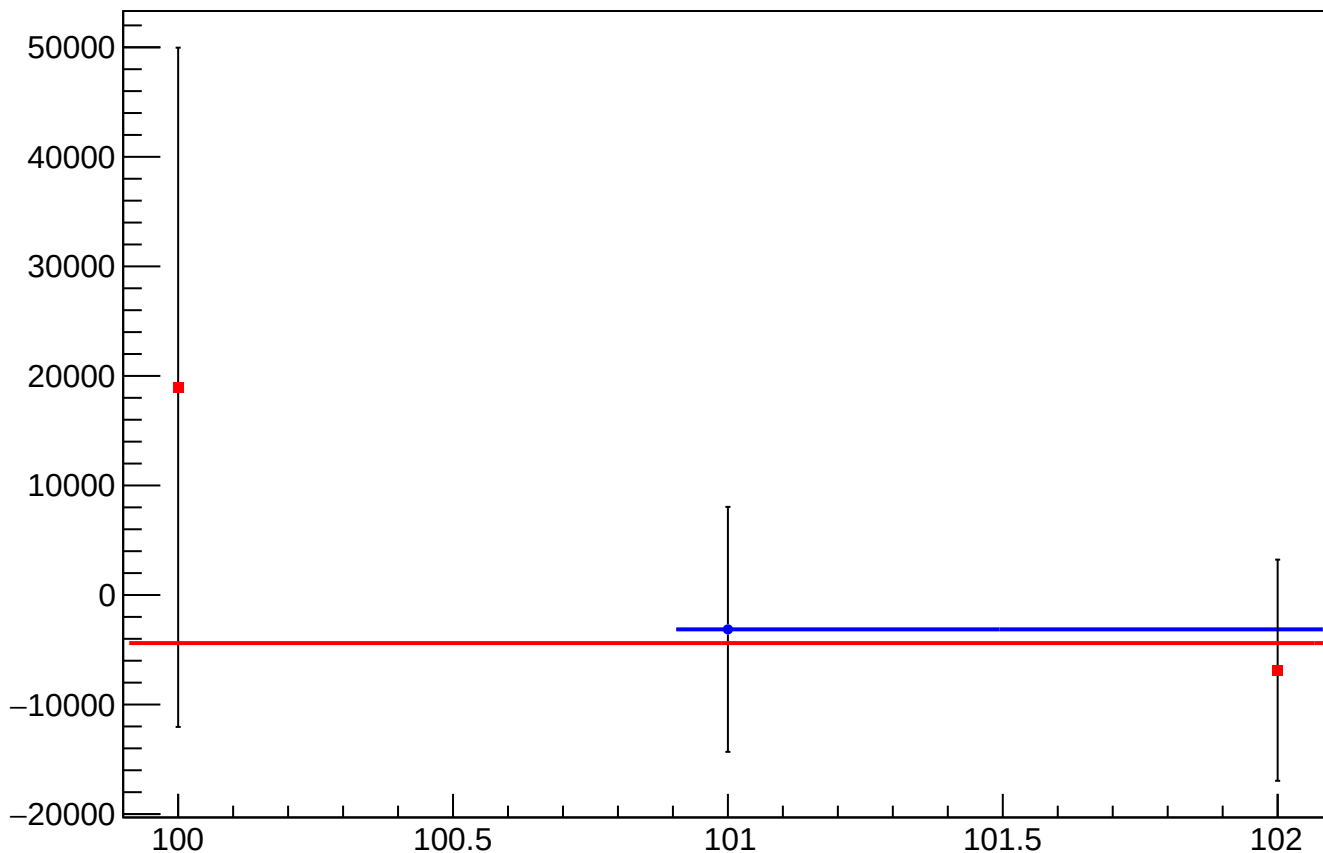
Right: 2324.623+/-1.485 χ^2/NDF : 61638.4/2

In: 2725.647+/-2.382 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2324.623+/-1.485 χ^2/NDF : 61638.4/2

asym_at2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -3137.172+/-11180.934 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4389.939+/-9599.588 χ^2/NDF : 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

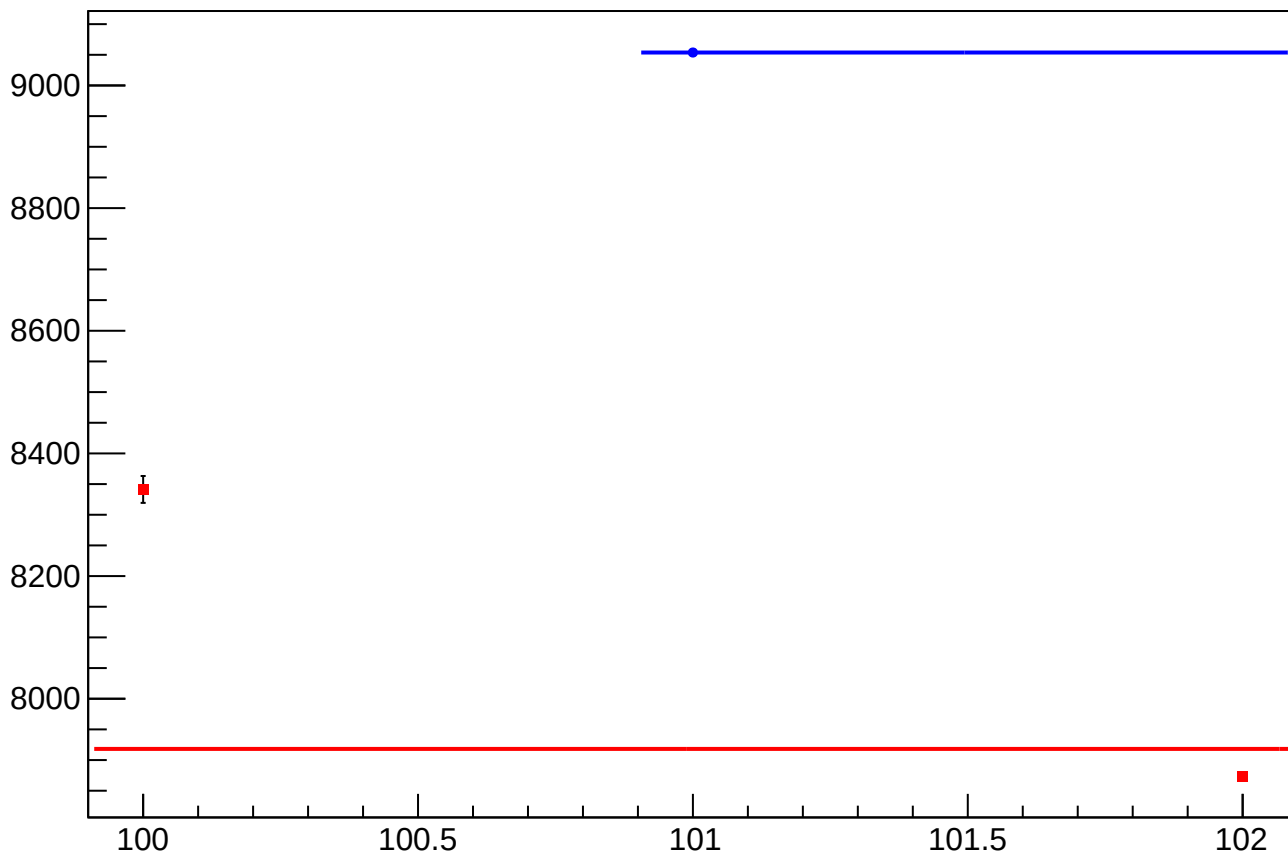
Right: -3858.339+/-7283.421 χ^2/NDF : 0.6/2

In: -3137.172+/-11180.934 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3858.339+/-7283.421 χ^2/NDF : 0.6/2

asym_at2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 9053.723+/-7.906 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7918.181+/-6.788 χ^2/NDF : 411.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

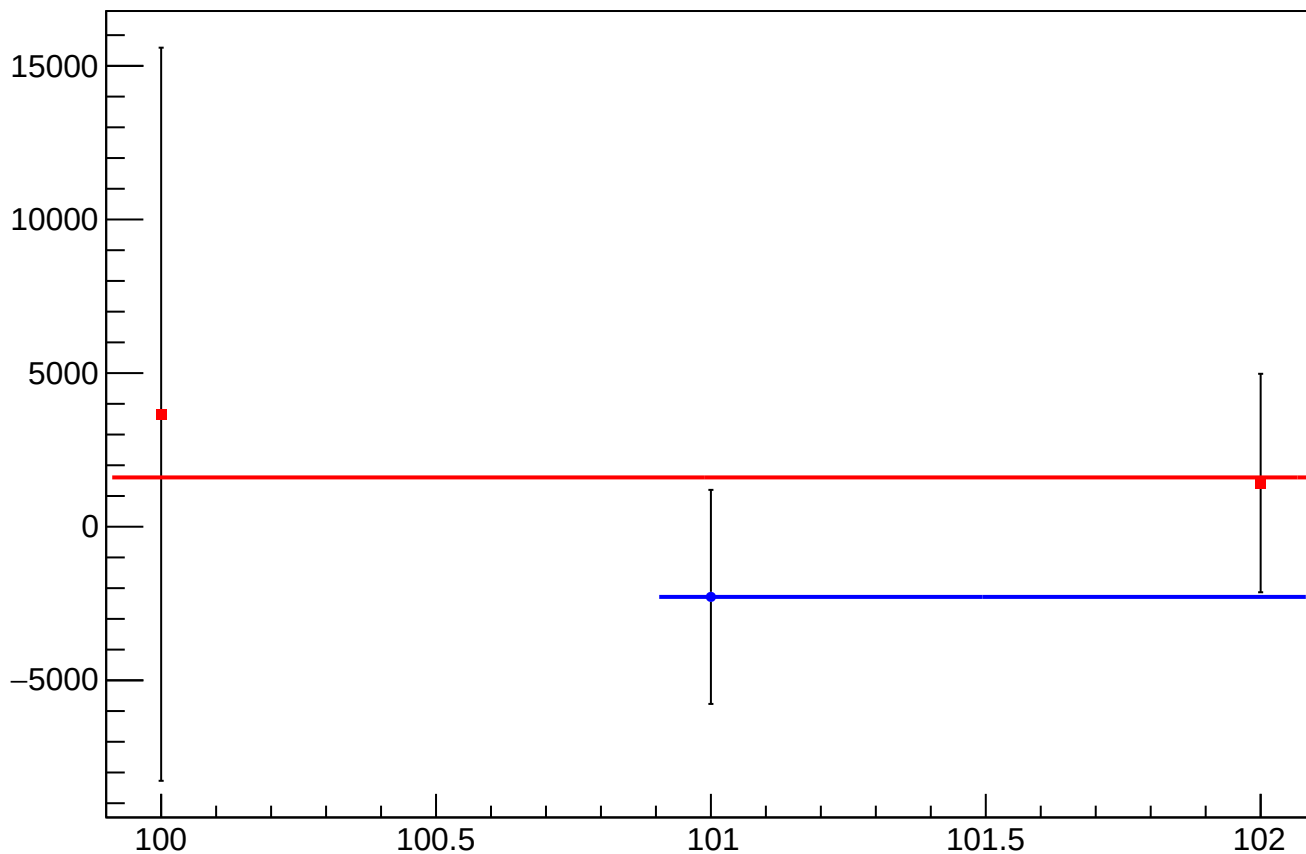
Right: 8400.037+/-5.150 χ^2/NDF : 12287.3/2

In: 9053.723+/-7.906 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8400.037+/-5.150 χ^2/NDF : 12287.3/2

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: -2284.644 $\pm$ 3483.560 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1604.427 $\pm$ 3407.398 χ^2/NDF : 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

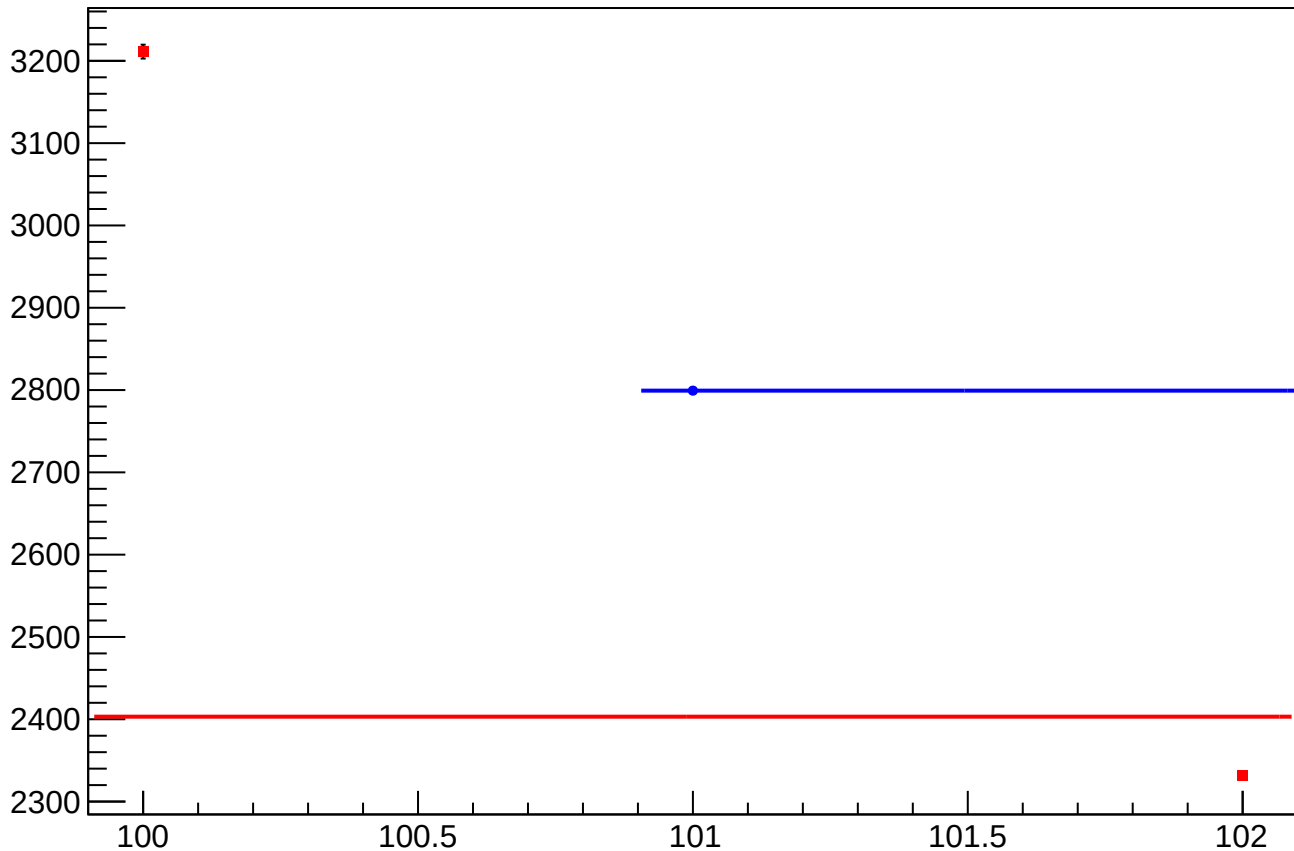
Right: -297.130 $\pm$ 2435.875 χ^2/NDF : 0.7/2

In: -2284.644 $\pm$ 3483.560 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -297.130 $\pm$ 2435.875 χ^2/NDF : 0.7/2

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 2799.287 $\pm$ 2.463 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2403.143 $\pm$ 2.409 χ^2 /NDF: 9988.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

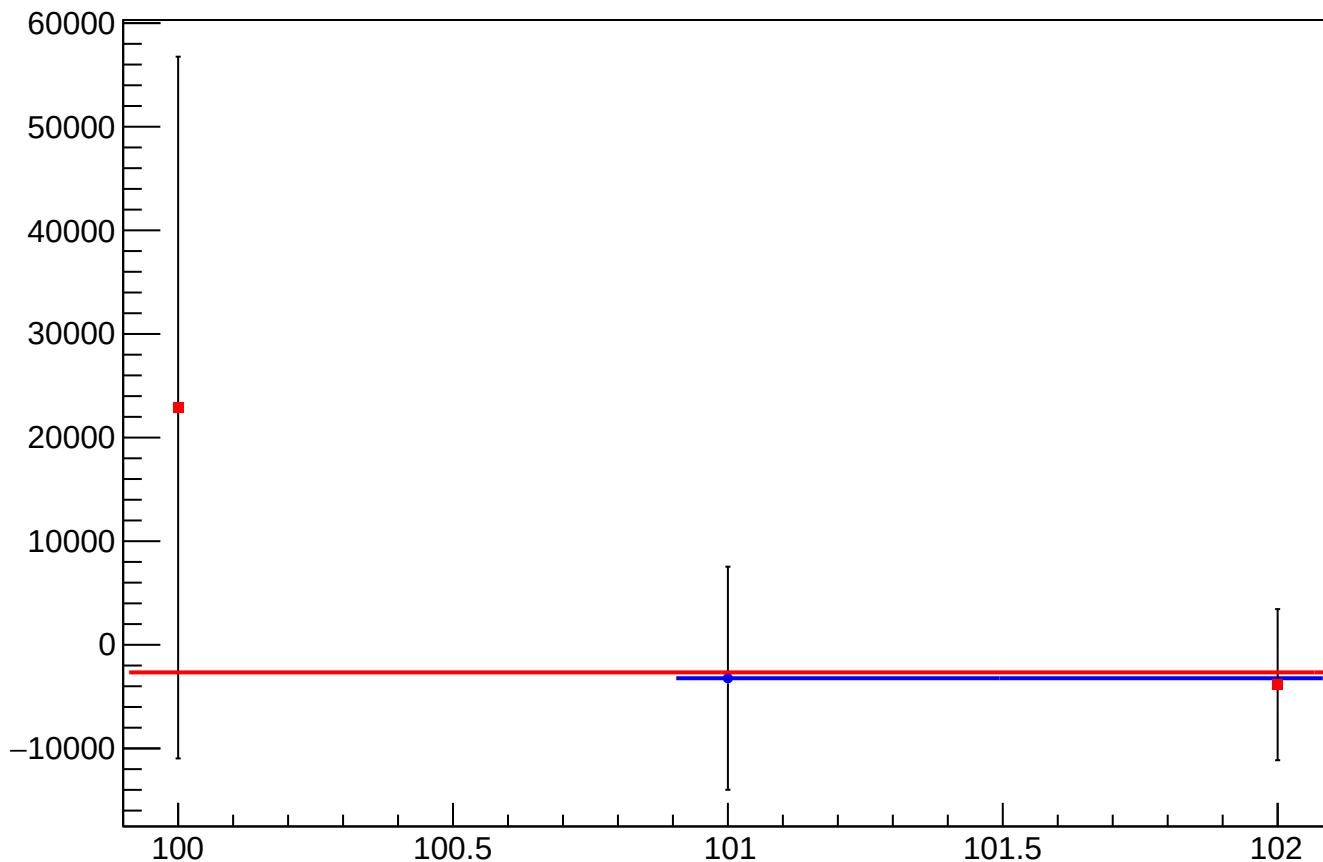
Right: 2596.836 $\pm$ 1.722 χ^2 /NDF: 23206.4/2

In: 2799.287 $\pm$ 2.463 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2596.836 $\pm$ 1.722 χ^2 /NDF: 23206.4/2

asym_at2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -3227.084+/-10766.032 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2662.533+/-7128.379 χ^2/NDF : 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

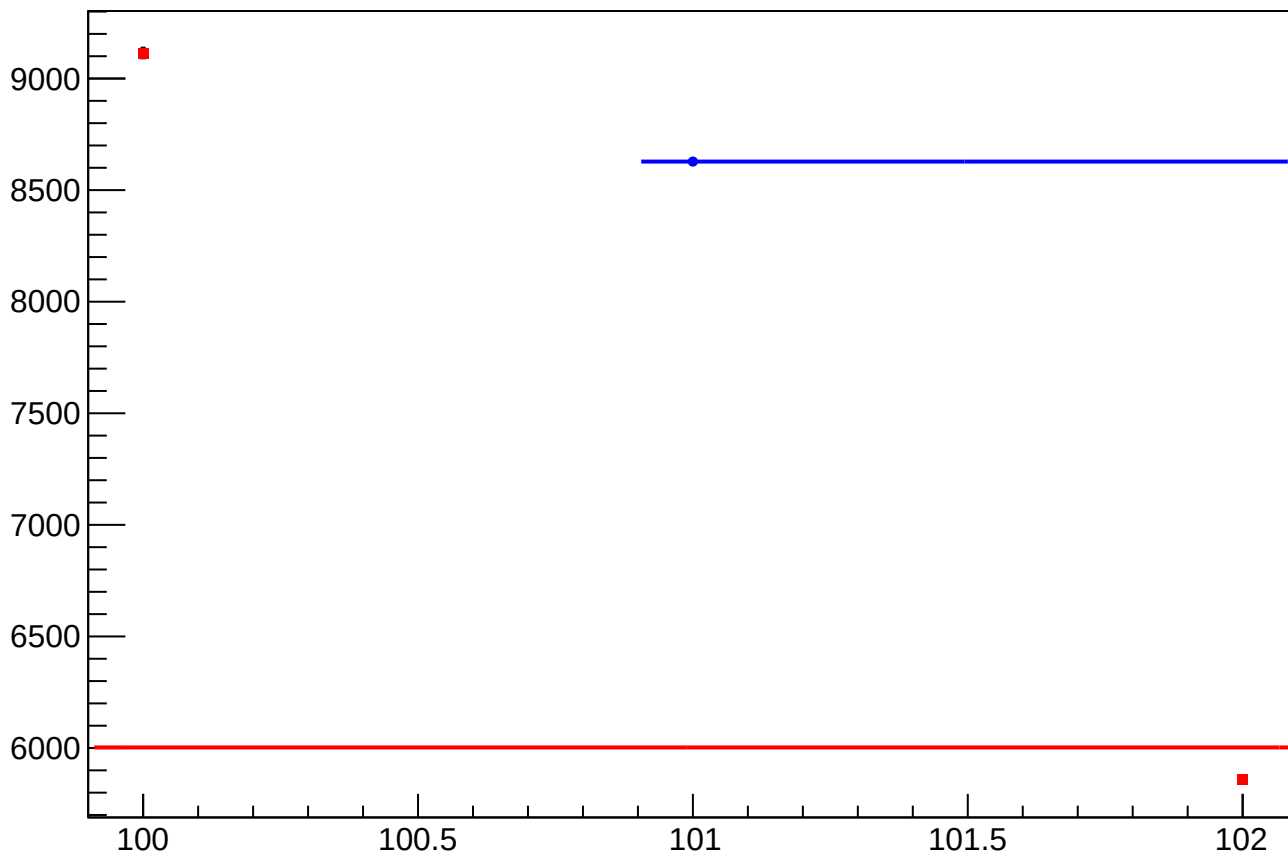
Right: -2834.599+/-5943.619 χ^2/NDF : 0.6/2

In: -3227.084+/-10766.032 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2834.599+/-5943.619 χ^2/NDF : 0.6/2

asym_at2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 8627.900+/-7.613 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6002.585+/-5.041 χ^2/NDF : 17671.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

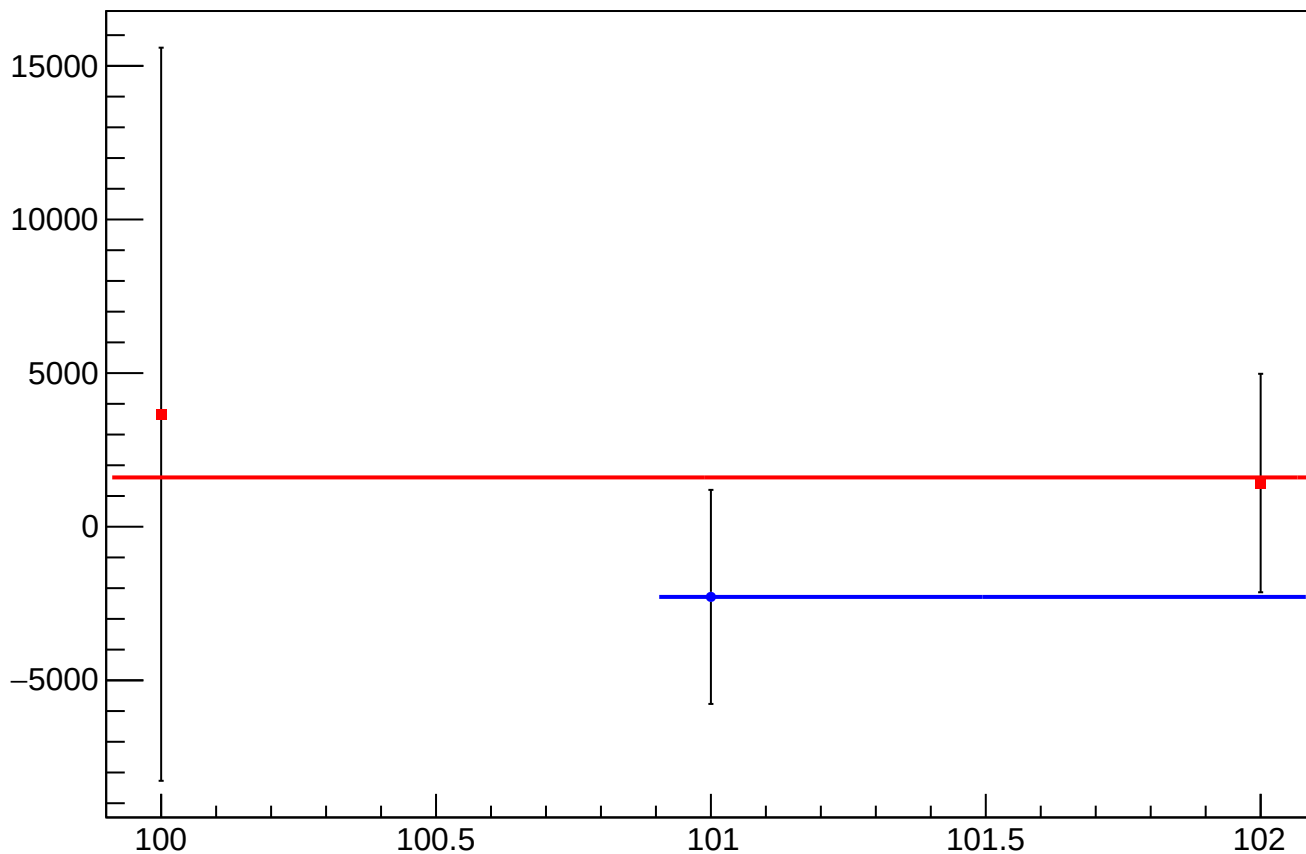
Right: 6802.736+/-4.203 χ^2/NDF : 100351.6/2

In: 8627.900+/-7.613 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6802.736+/-4.203 χ^2/NDF : 100351.6/2

eigen_dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: -2284.686+/-3483.559 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1604.462+/-3407.398 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

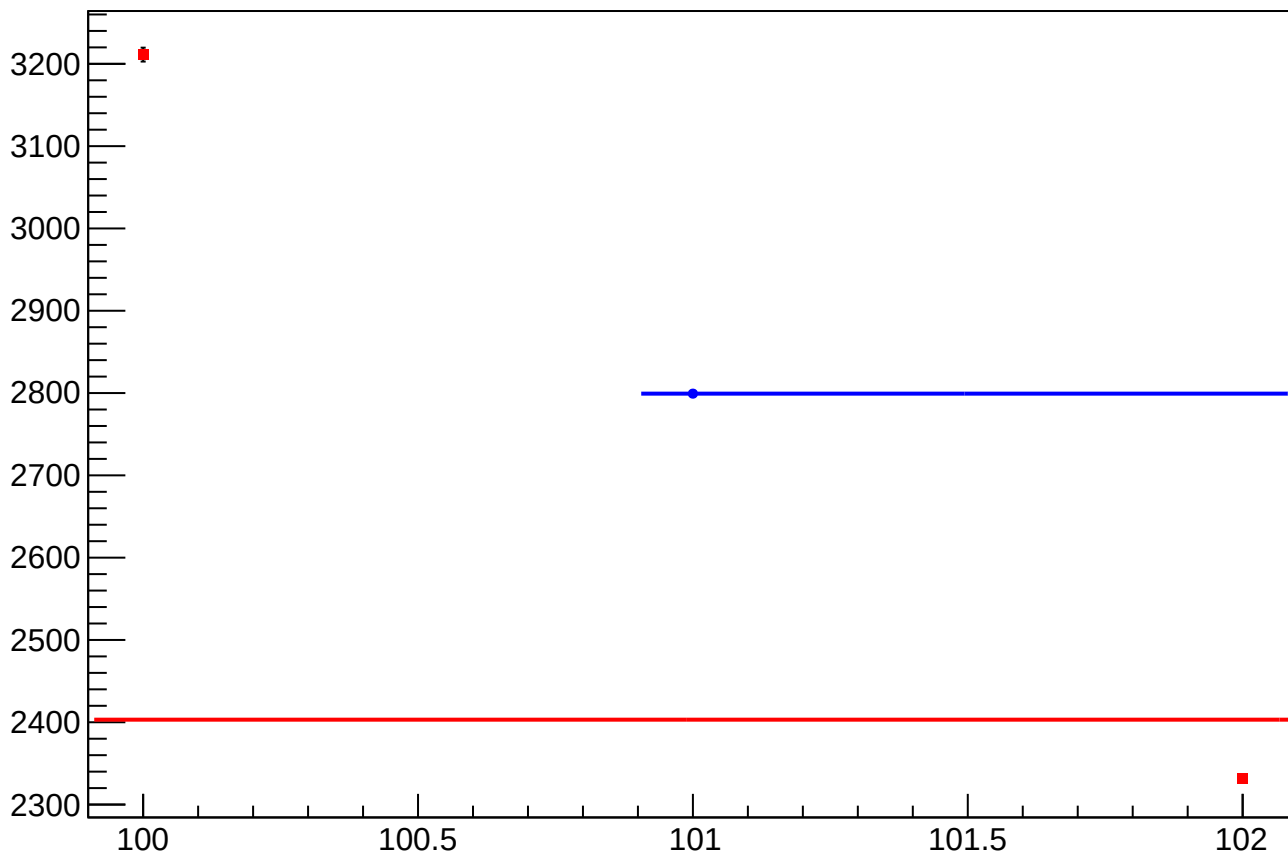
Right: -297.133+/-2435.875 χ^2/NDF : 0.7/2

In: -2284.686+/-3483.559 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -297.133+/-2435.875 χ^2/NDF : 0.7/2

eigen_dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 2799.286+/-2.463 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2403.143+/-2.409 χ^2/NDF : 9988.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

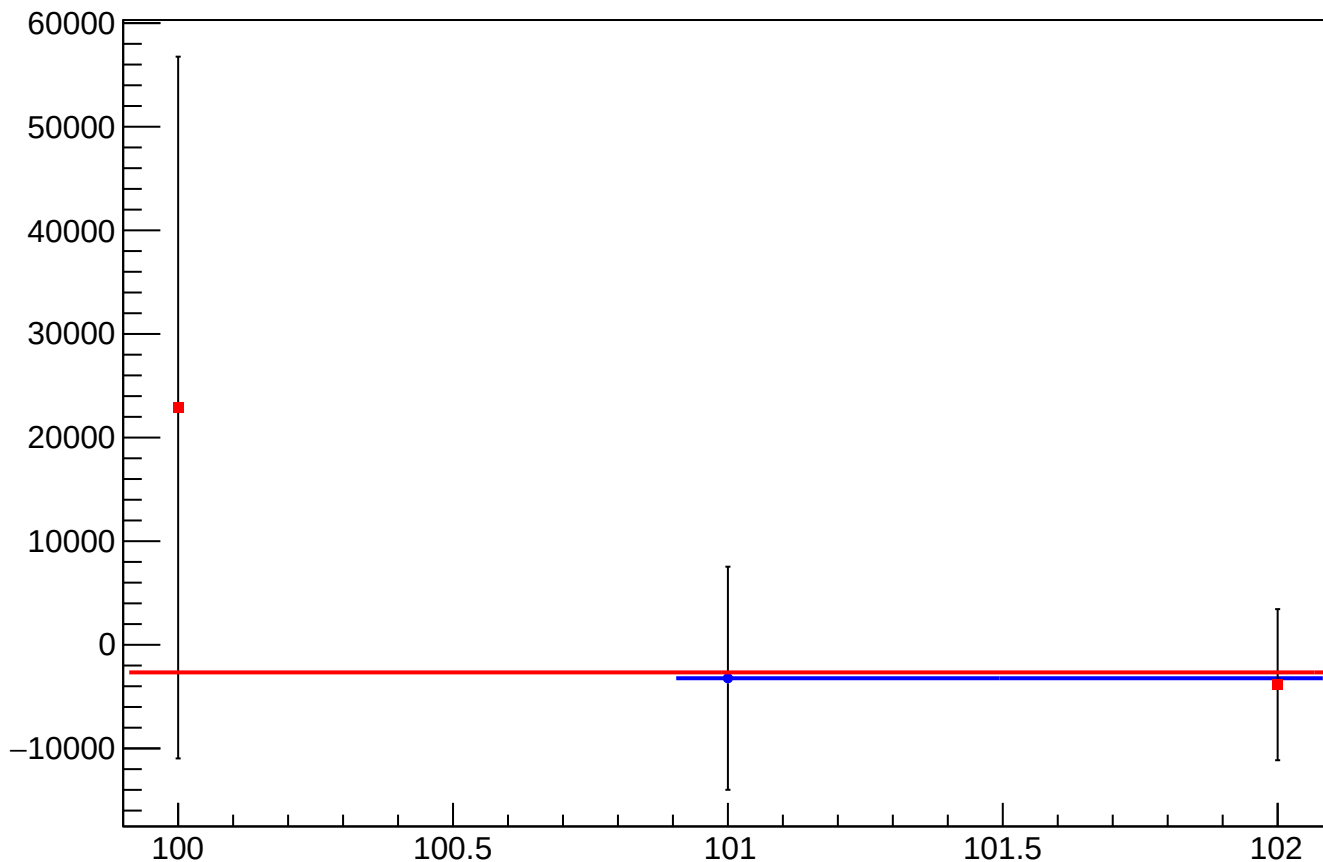
Right: 2596.835+/-1.722 χ^2/NDF : 23206.4/2

In: 2799.286+/-2.463 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2596.835+/-1.722 χ^2/NDF : 23206.4/2

asym_at2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -3227.113+/-10766.020 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2662.527+/-7128.377 χ^2/NDF : 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

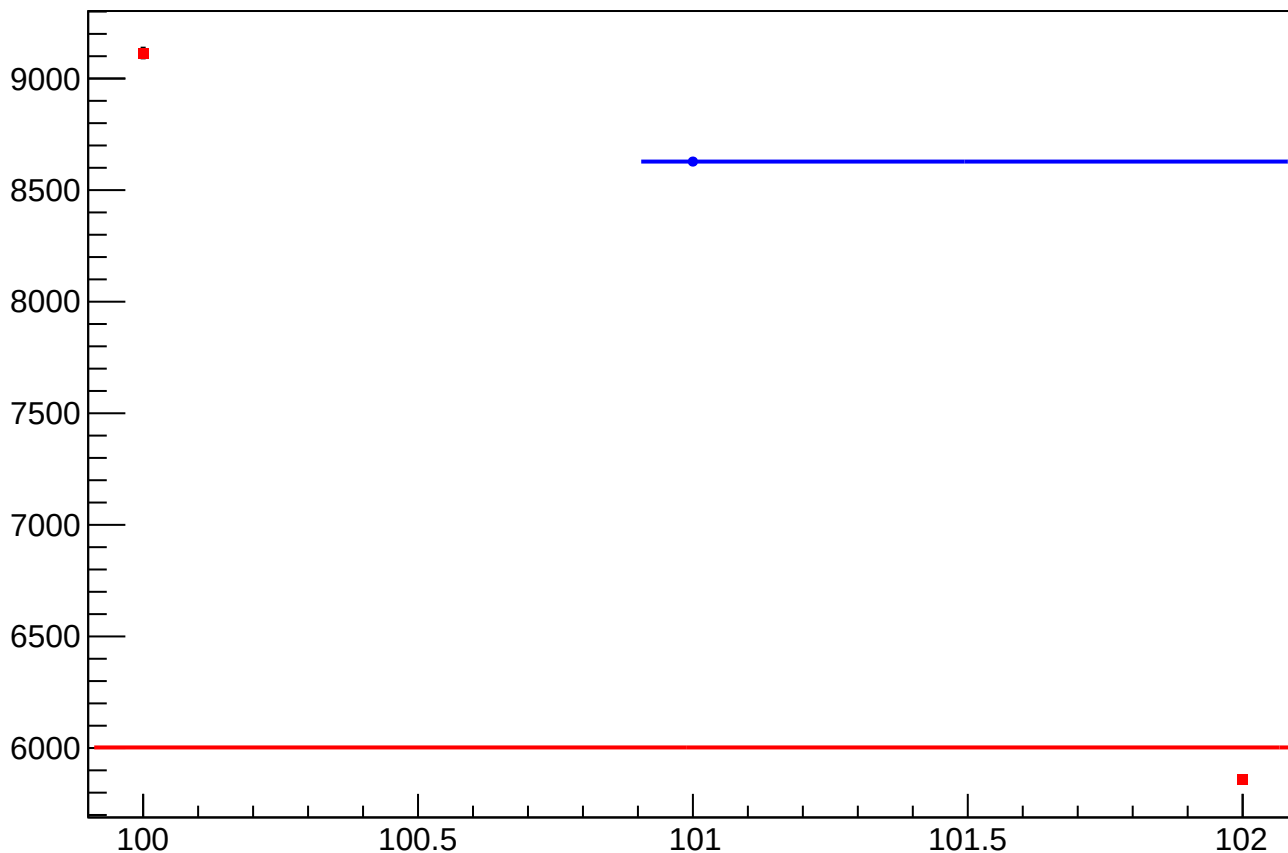
Right: -2834.603+/-5943.616 χ^2/NDF : 0.6/2

In: -3227.113+/-10766.020 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2834.603+/-5943.616 χ^2/NDF : 0.6/2

asym_at2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 8627.891+/-7.613 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6002.584+/-5.041 χ^2/NDF : 17671.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

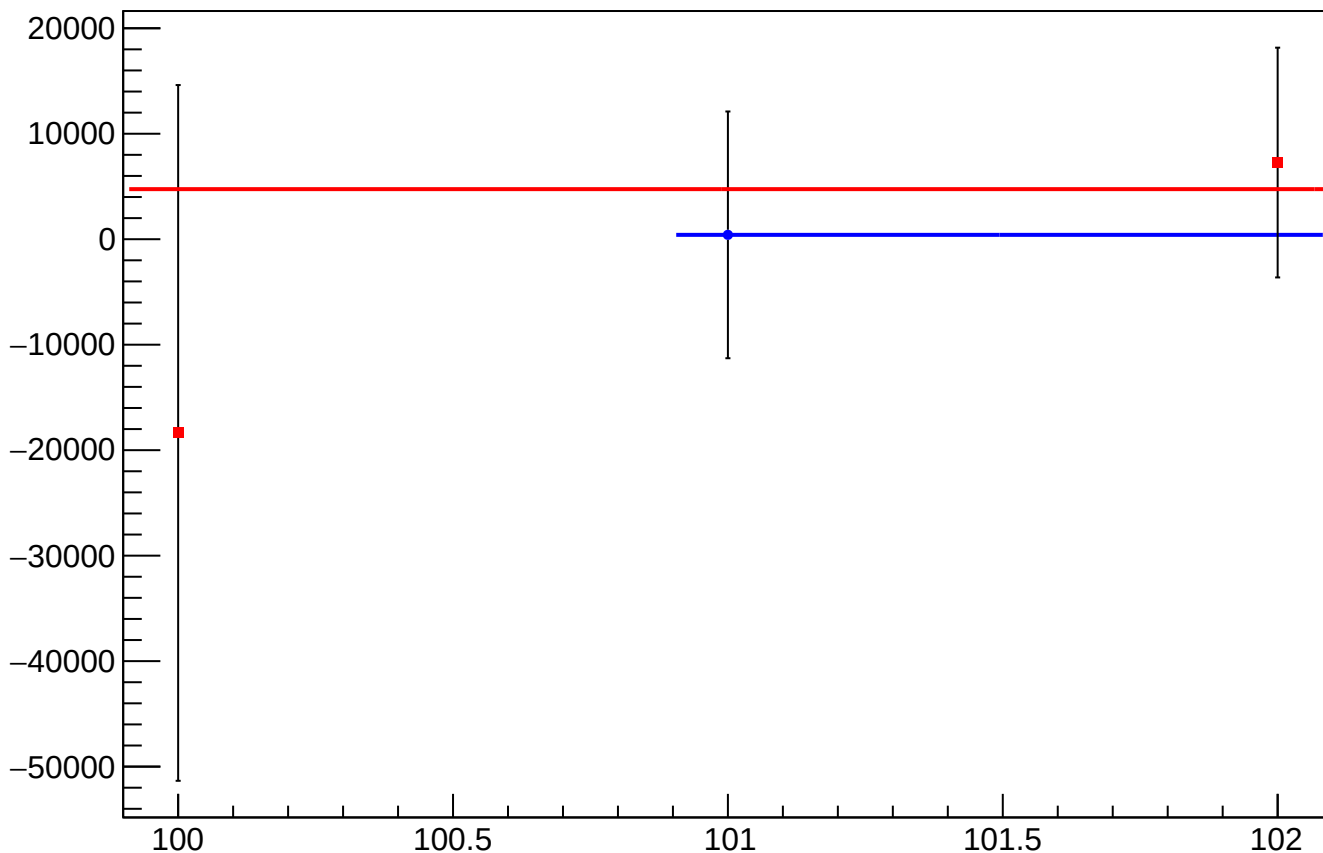
Right: 6802.734+/-4.203 χ^2/NDF : 100351.2/2

In: 8627.891+/-7.613 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6802.734+/-4.203 χ^2/NDF : 100351.2/2

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 413.549+/-11696.689 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4747.404+/-10342.163 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

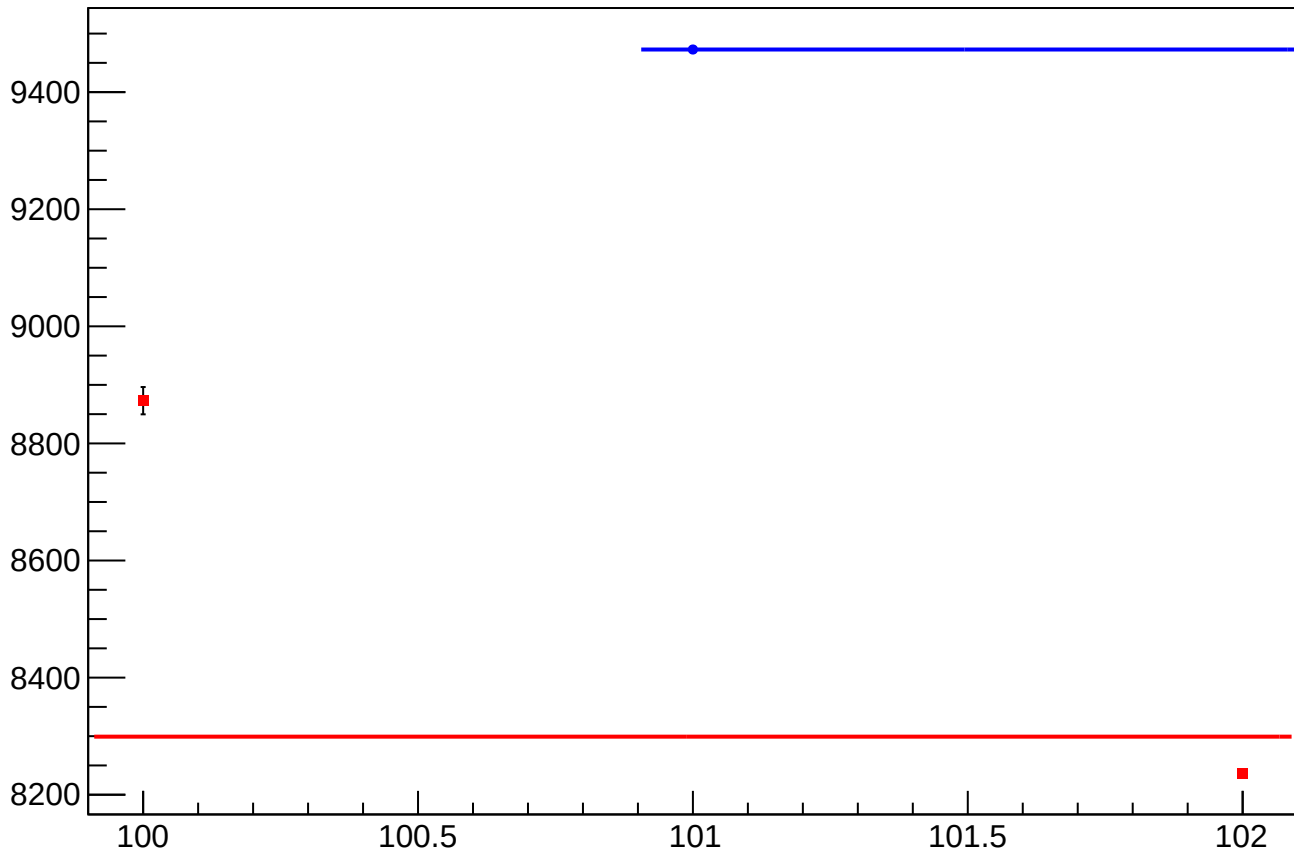
Right: 2845.836+/-7747.858 χ^2/NDF : 0.6/2

In: 413.549+/-11696.689 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2845.836+/-7747.858 χ^2/NDF : 0.6/2

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 9472.791+/-8.271 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8299.177+/-7.312 χ^2/NDF : 671.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

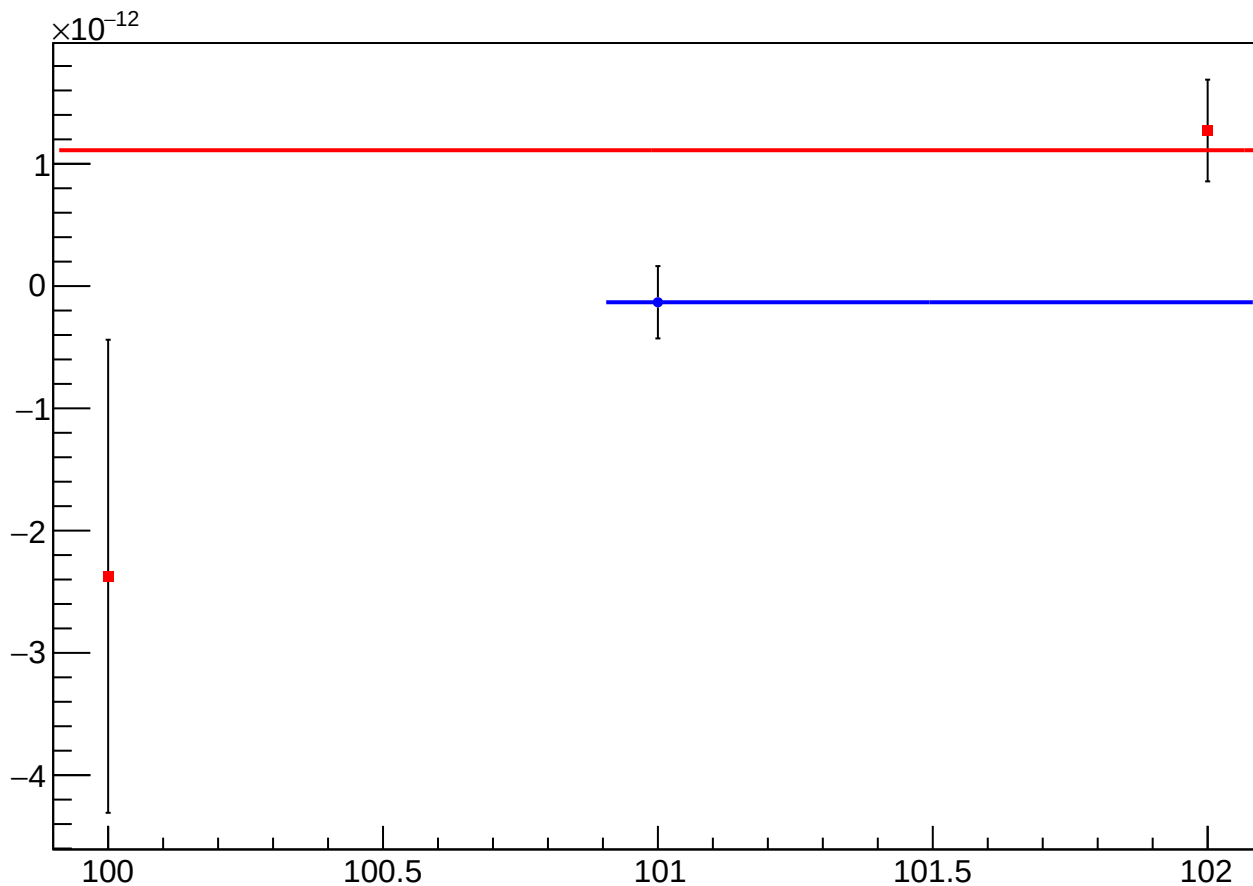
Right: 8814.084+/-5.478 χ^2/NDF : 11972.6/2

In: 9472.791+/-8.271 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8814.084+/-5.478 χ^2/NDF : 11972.6/2

asym_at2_avg_reg_vs_cor_diff_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 : 3.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

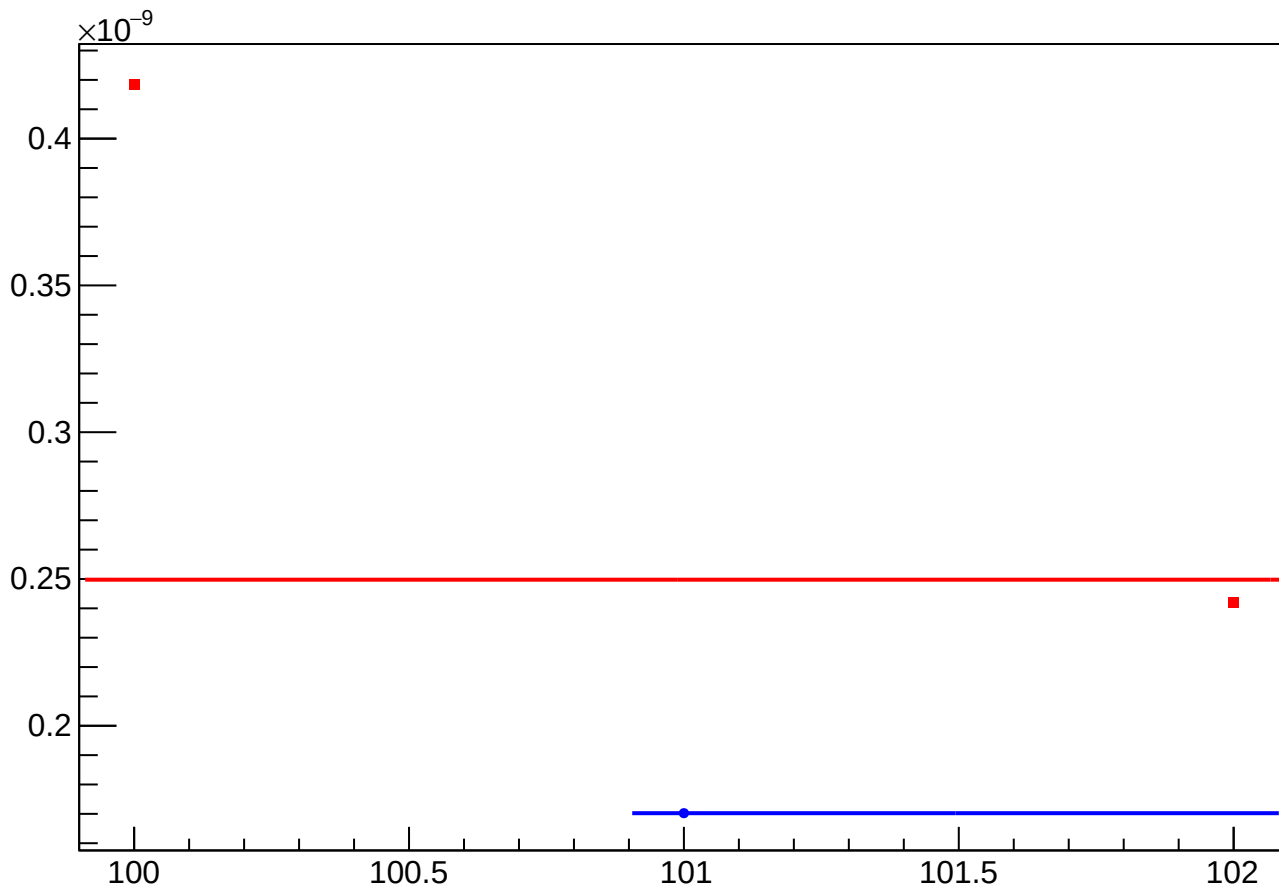
Right: 0.000+/-0.000 χ^2/NDF : 9.5/2

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 : 9.5/2

asym_at2_avg_reg_vs_cor_diff_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 : 15895.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

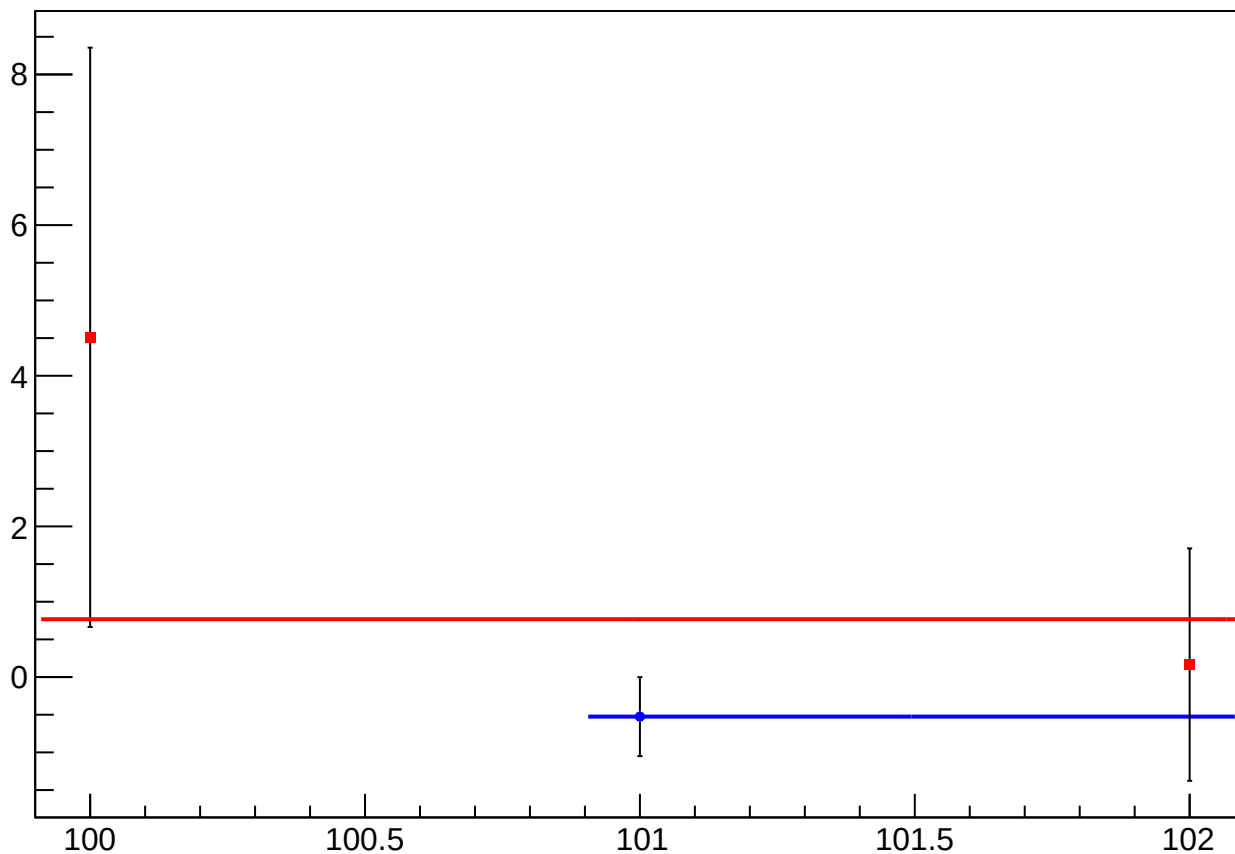
Right: 0.000+/-0.000 χ^2/NDF : 65932.8/2

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 : 65932.8/2

asym_at2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.525+/-0.524 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.768+/-1.432 χ^2/NDF : 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

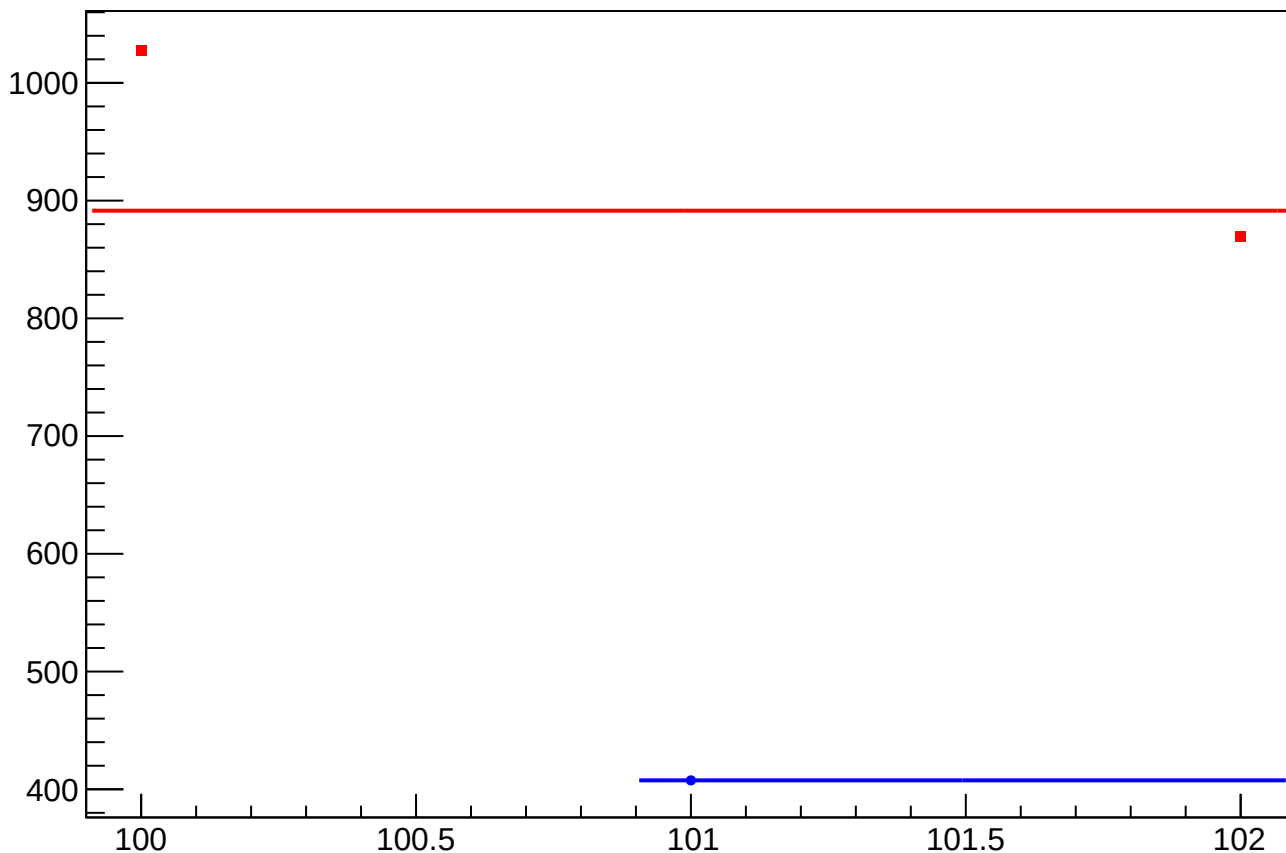
Right: -0.372+/-0.492 χ^2/NDF : 1.8/2

In: -0.525+/-0.524 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.372+/-0.492 χ^2/NDF : 1.8/2

asym_at2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 407.571 $\pm$ 0.371 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 891.455 $\pm$ 1.012 χ^2 /NDF: 2892.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

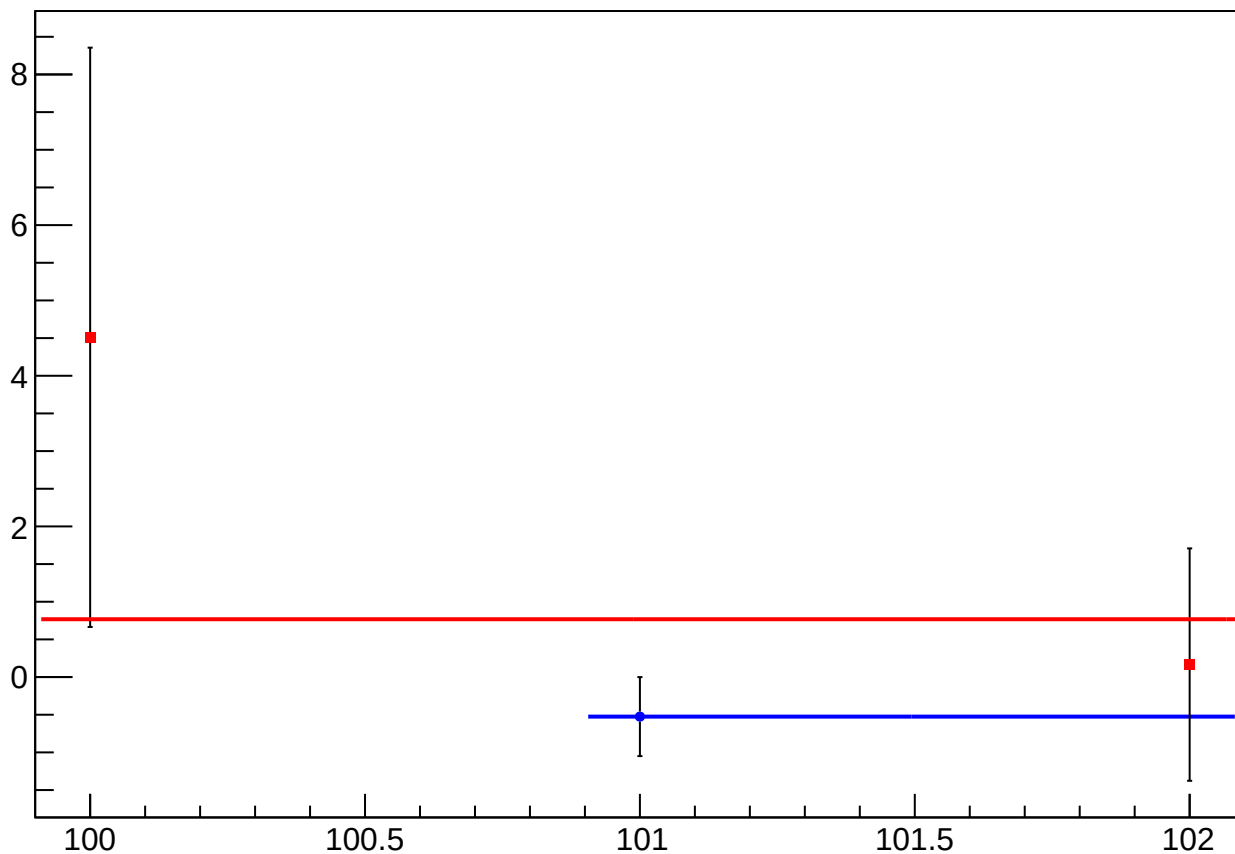
Right: 464.809 $\pm$ 0.348 χ^2 /NDF: 204323.6/2

In: 407.571 $\pm$ 0.371 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 464.809 $\pm$ 0.348 χ^2 /NDF: 204323.6/2

asym_at2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.525+/-0.524 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.768+/-1.432 χ^2/NDF : 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

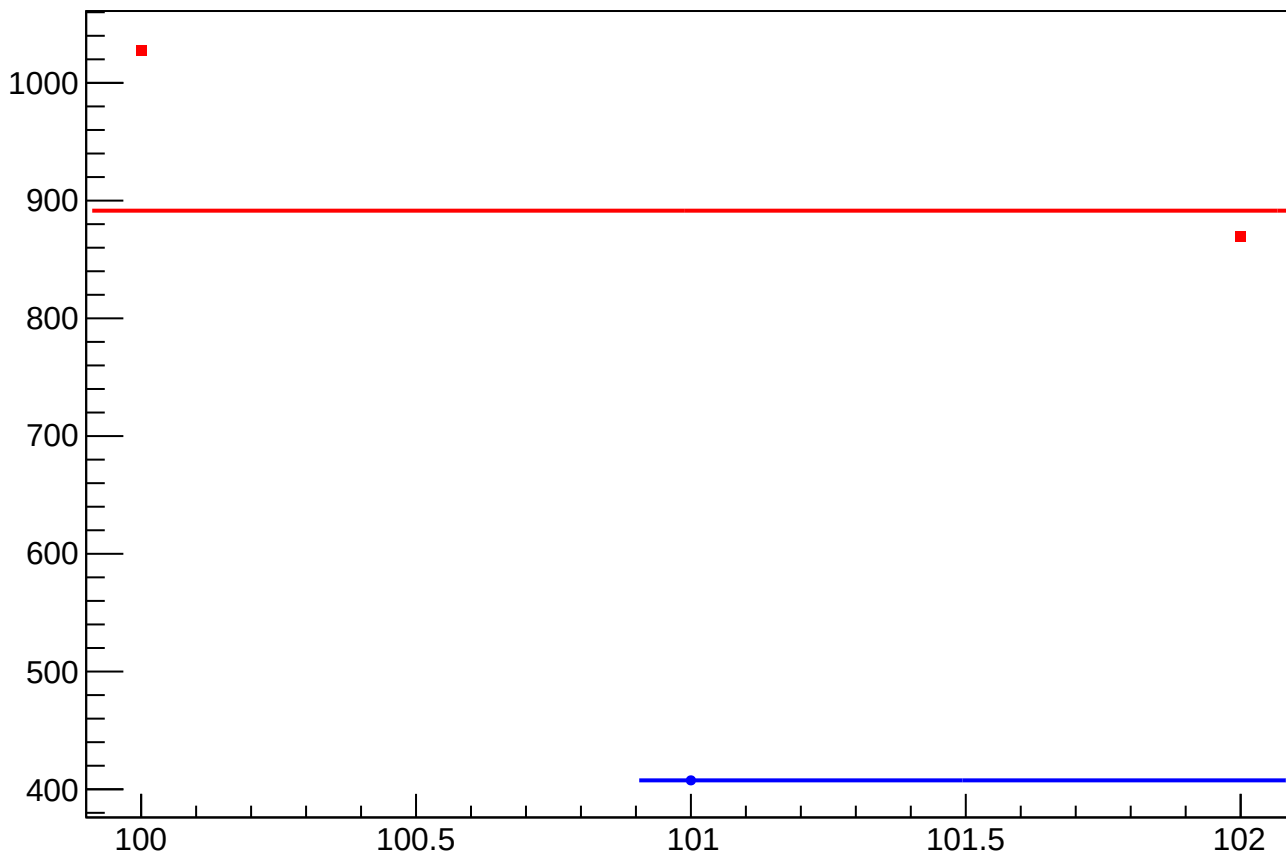
Right: -0.372+/-0.492 χ^2/NDF : 1.8/2

In: -0.525+/-0.524 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.372+/-0.492 χ^2/NDF : 1.8/2

asym_at2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 407.571 $\pm$ 0.371 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 891.455 $\pm$ 1.012 χ^2 /NDF: 2892.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

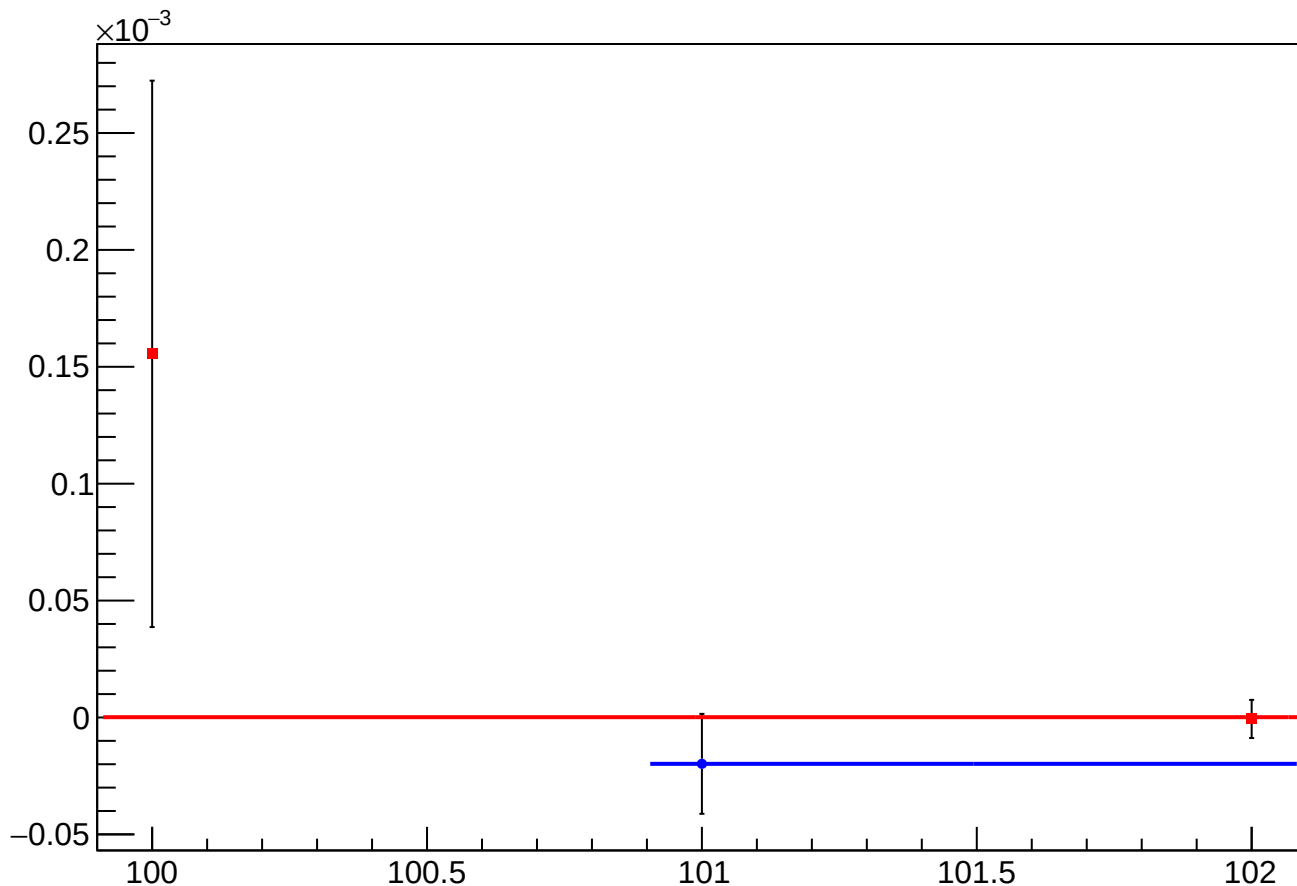
Right: 464.809 $\pm$ 0.348 χ^2 /NDF: 204323.6/2

In: 407.571 $\pm$ 0.371 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 464.809 $\pm$ 0.348 χ^2 /NDF: 204323.6/2

asym_at2_avg_eigen_dit_vs_dit_diff_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 : 1.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

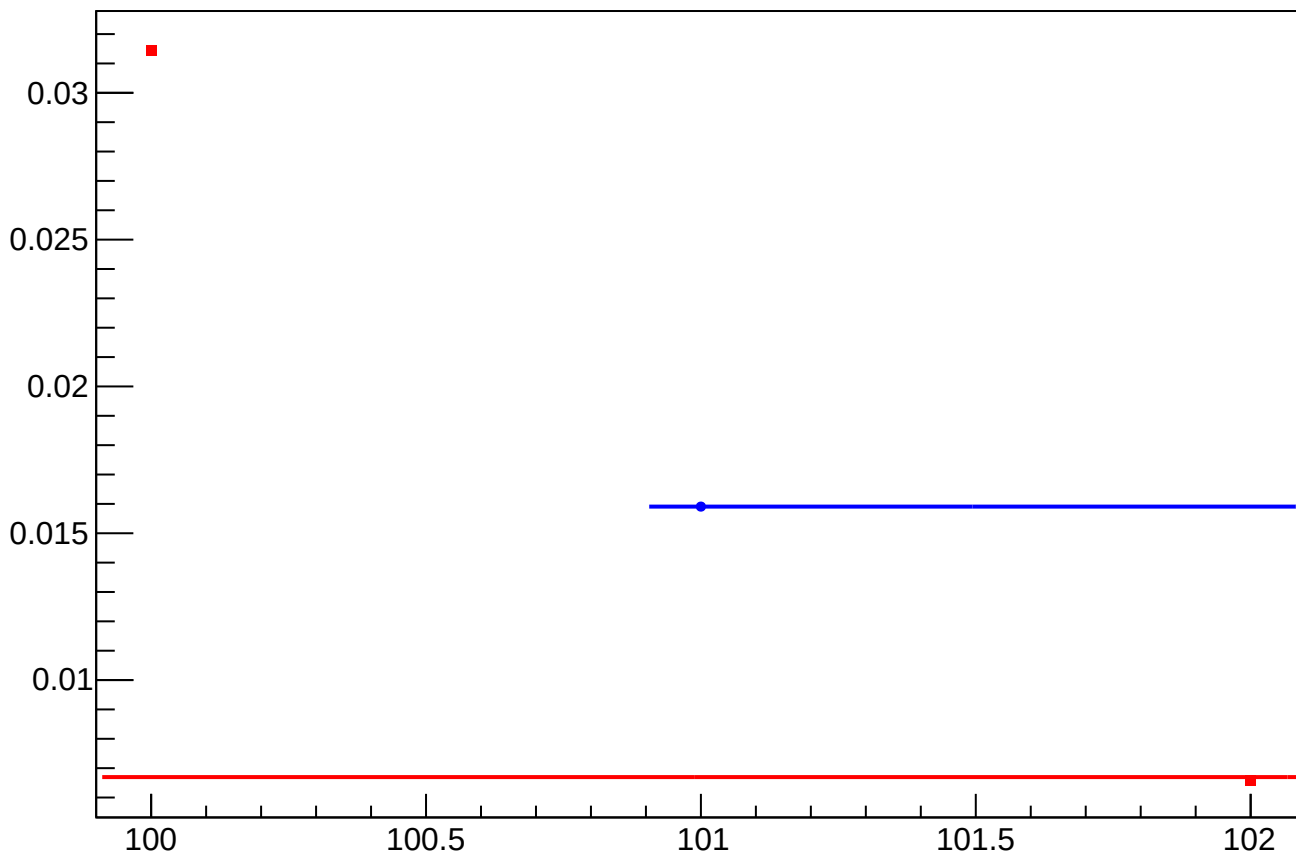
Right: -0.000+/-0.000 χ^2/NDF : 2.5/2

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 : 2.5/2

asym_at2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 90210.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

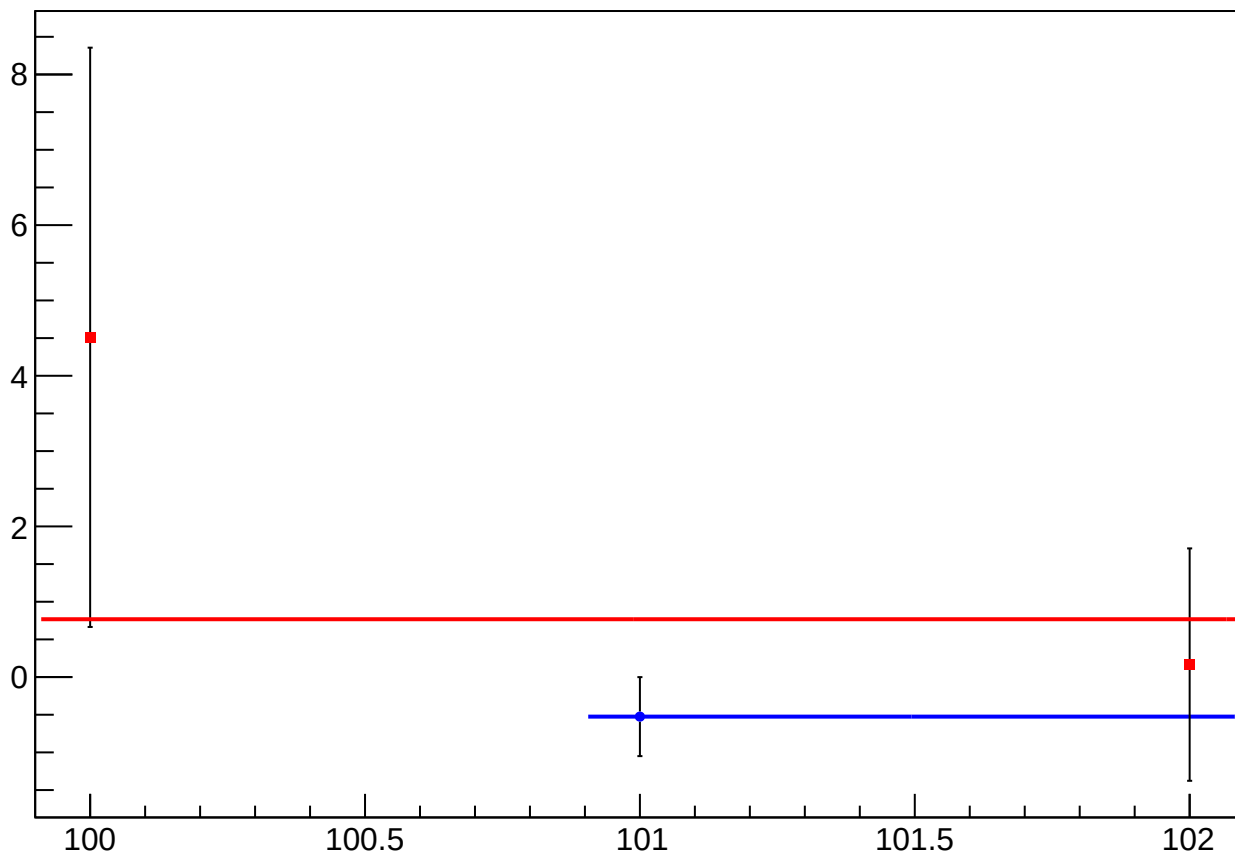
Right: 0.008+/-0.000 χ^2/NDF : 414723.6/2

In: 0.016+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 414723.6/2

asym_at2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.525+/-0.524 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.768+/-1.432 χ^2/NDF : 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

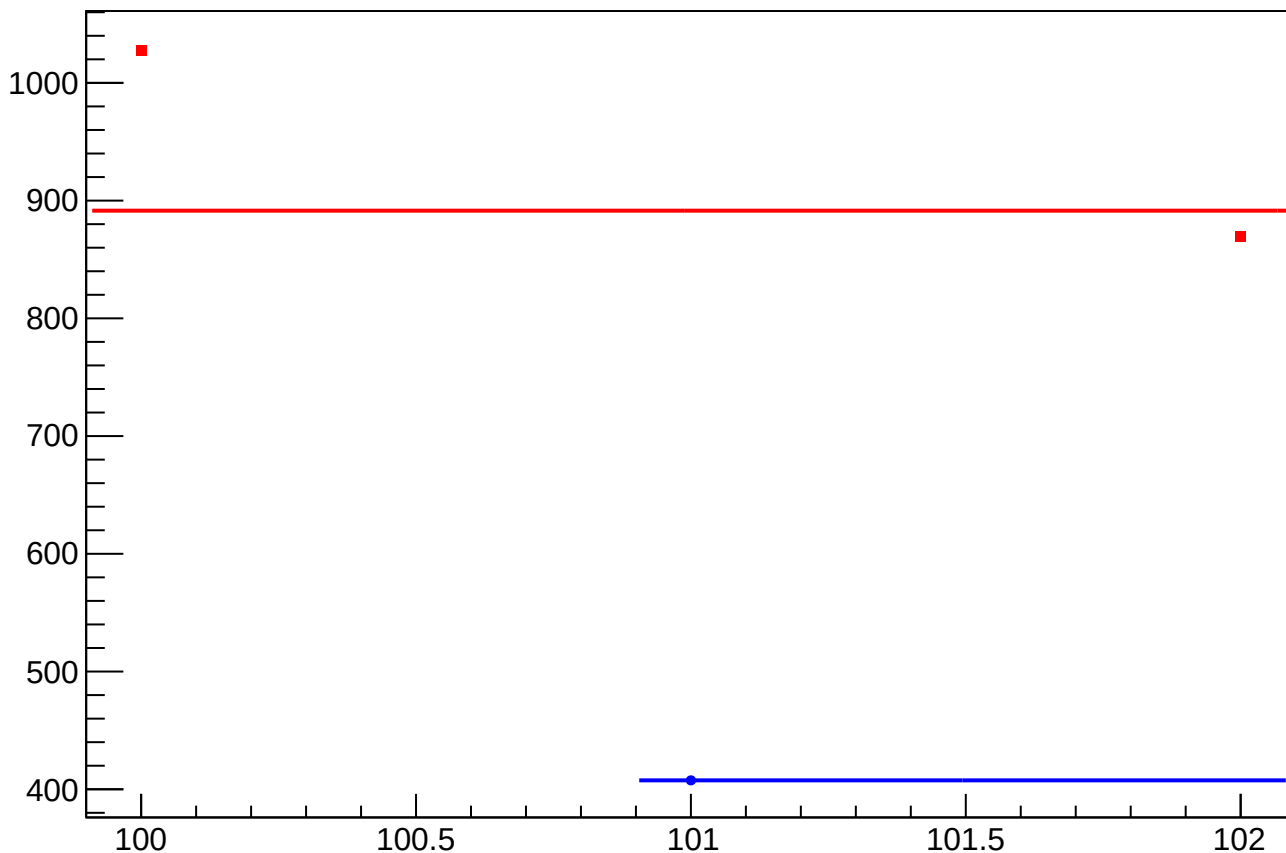
Right: -0.372+/-0.492 χ^2/NDF : 1.8/2

In: -0.525+/-0.524 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.372+/-0.492 χ^2/NDF : 1.8/2

asym_at2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 407.566 $\pm$ 0.371 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 891.455 $\pm$ 1.012 χ^2 /NDF: 2892.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

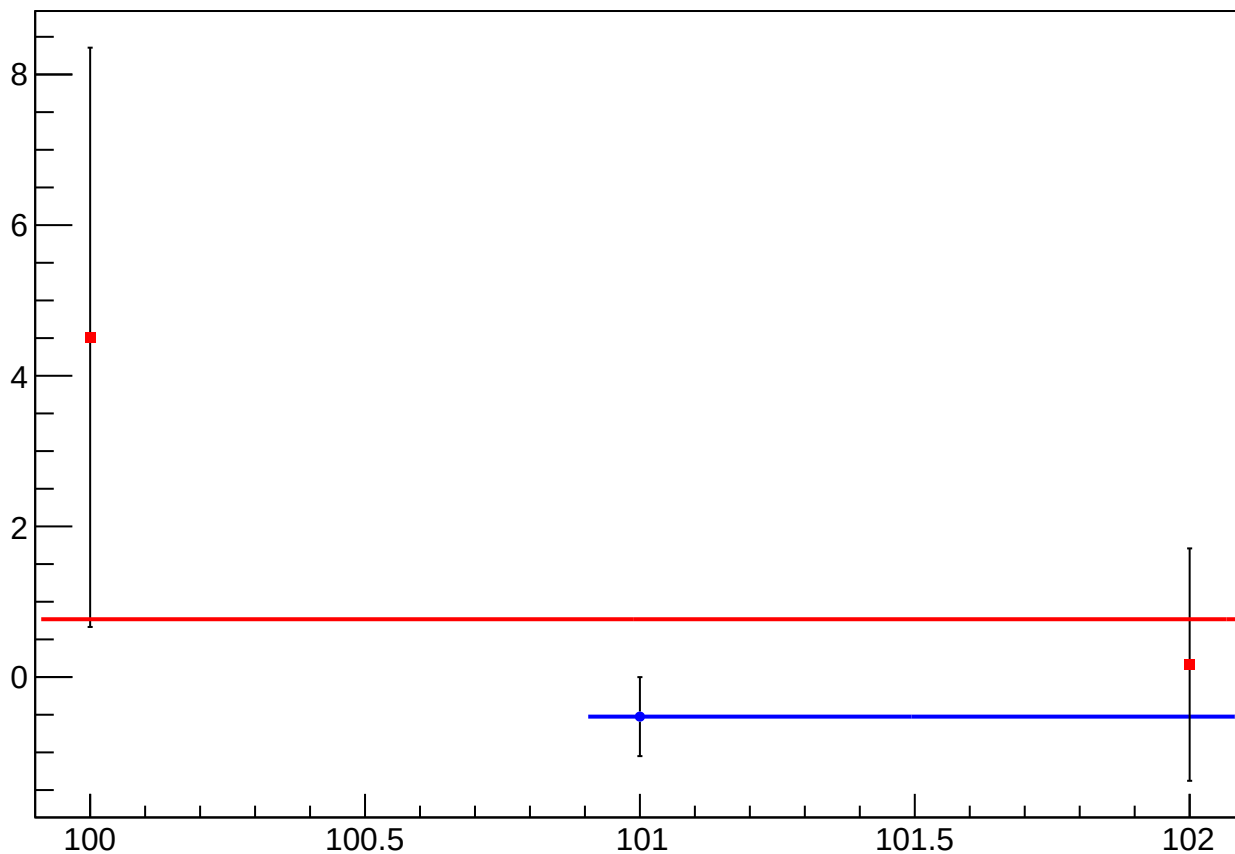
Right: 464.803 $\pm$ 0.348 χ^2 /NDF: 204328.4/2

In: 407.566 $\pm$ 0.371 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 464.803 $\pm$ 0.348 χ^2 /NDF: 204328.4/2

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.525+/-0.524 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.768+/-1.432 χ^2/NDF : 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

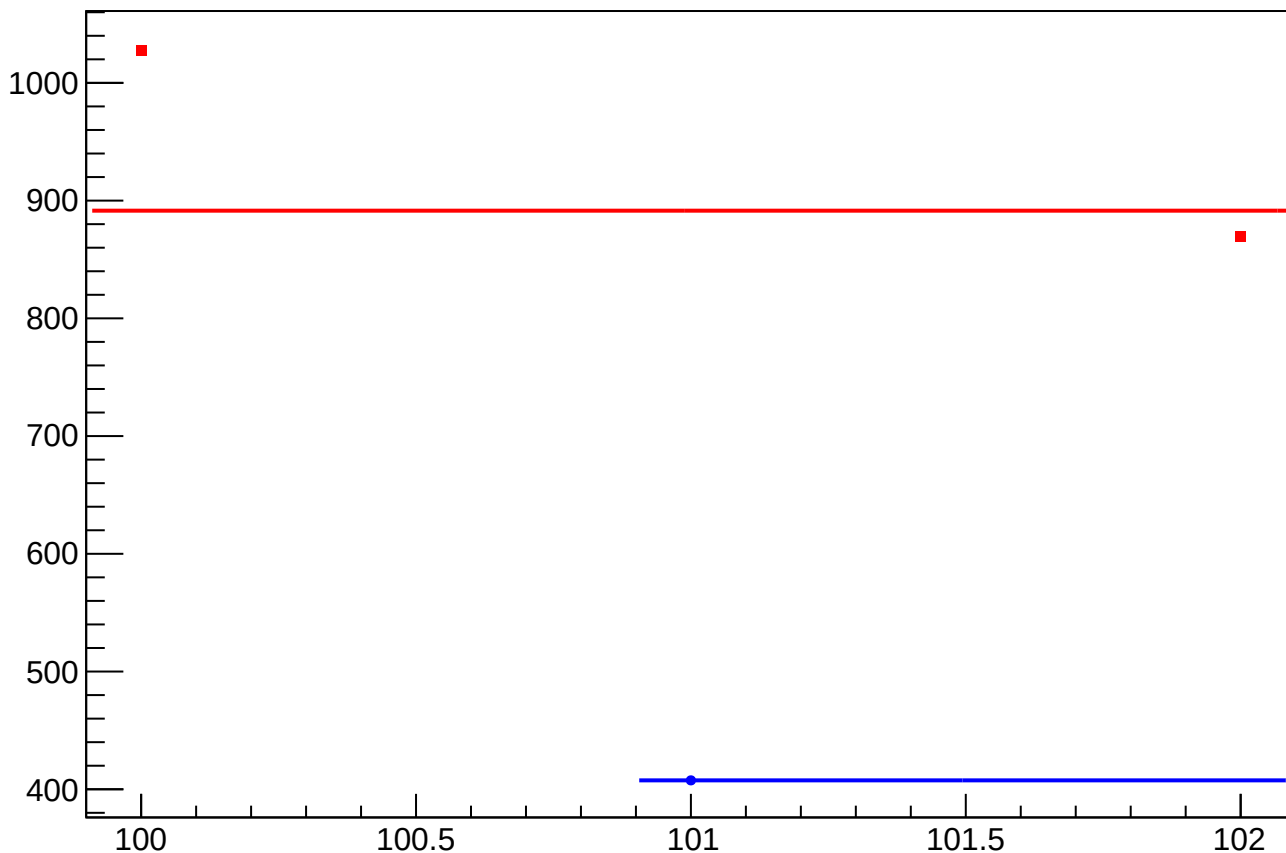
Right: -0.372+/-0.492 χ^2/NDF : 1.8/2

In: -0.525+/-0.524 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.372+/-0.492 χ^2/NDF : 1.8/2

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 407.566 $\pm$ 0.371 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 891.455 $\pm$ 1.012 χ^2 /NDF: 2892.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

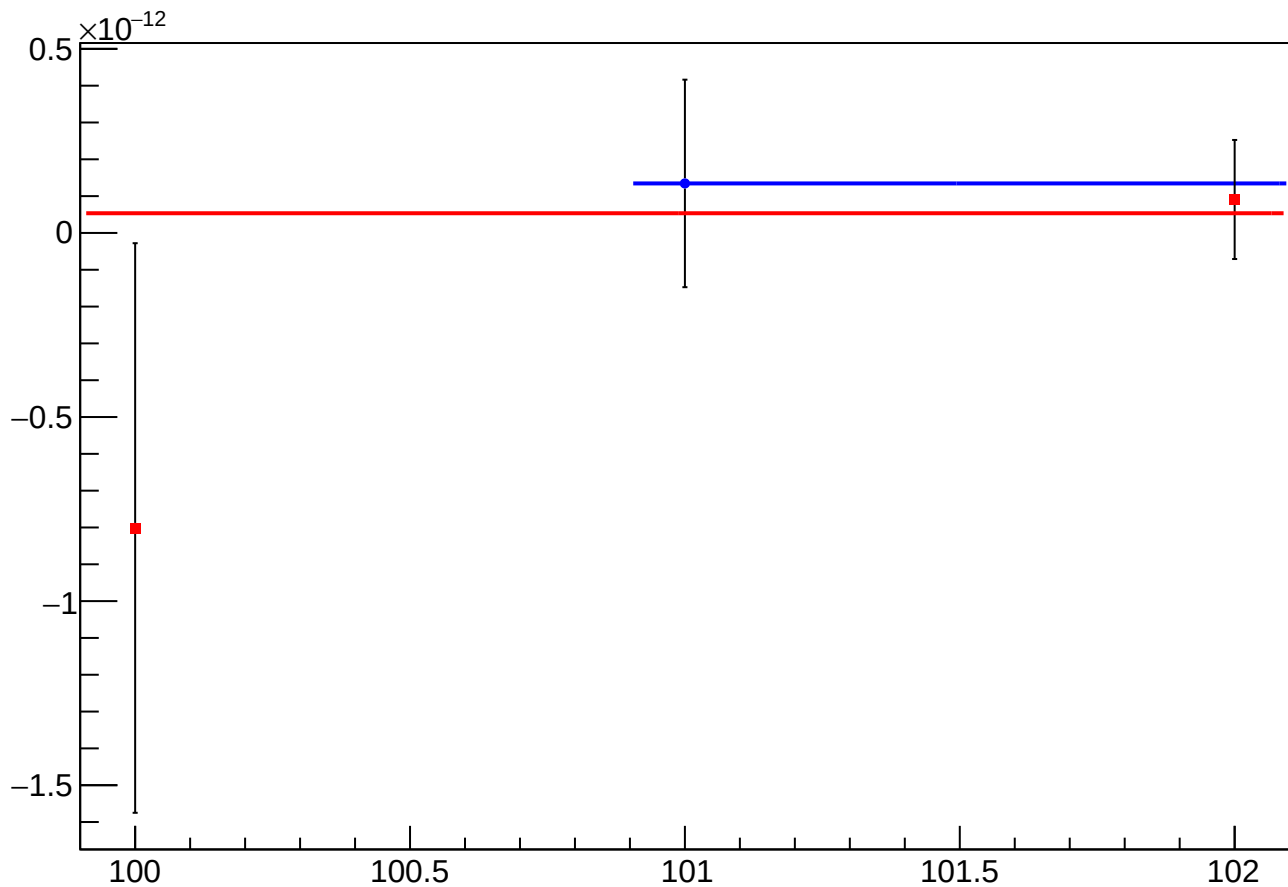
Right: 464.803 $\pm$ 0.348 χ^2 /NDF: 204328.4/2

In: 407.566 $\pm$ 0.371 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 464.803 $\pm$ 0.348 χ^2 /NDF: 204328.4/2

asym_at2_avg_eigen_cor_vs_cor_diff_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 : 1.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

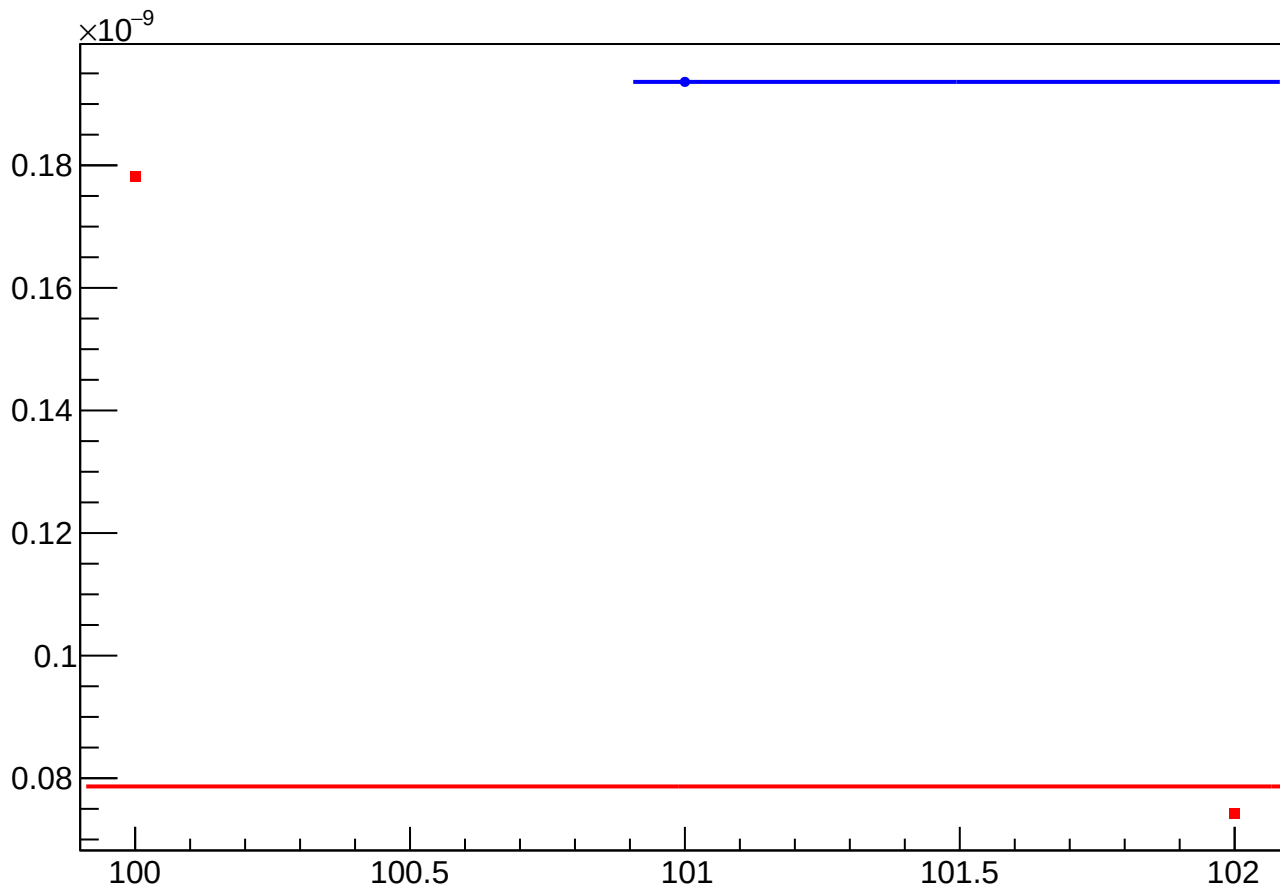
Right: 0.000+/-0.000 χ^2/NDF : 1.3/2

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 : 1.3/2

asym_at2_avg_eigen_cor_vs_cor_diff_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 : 34560.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

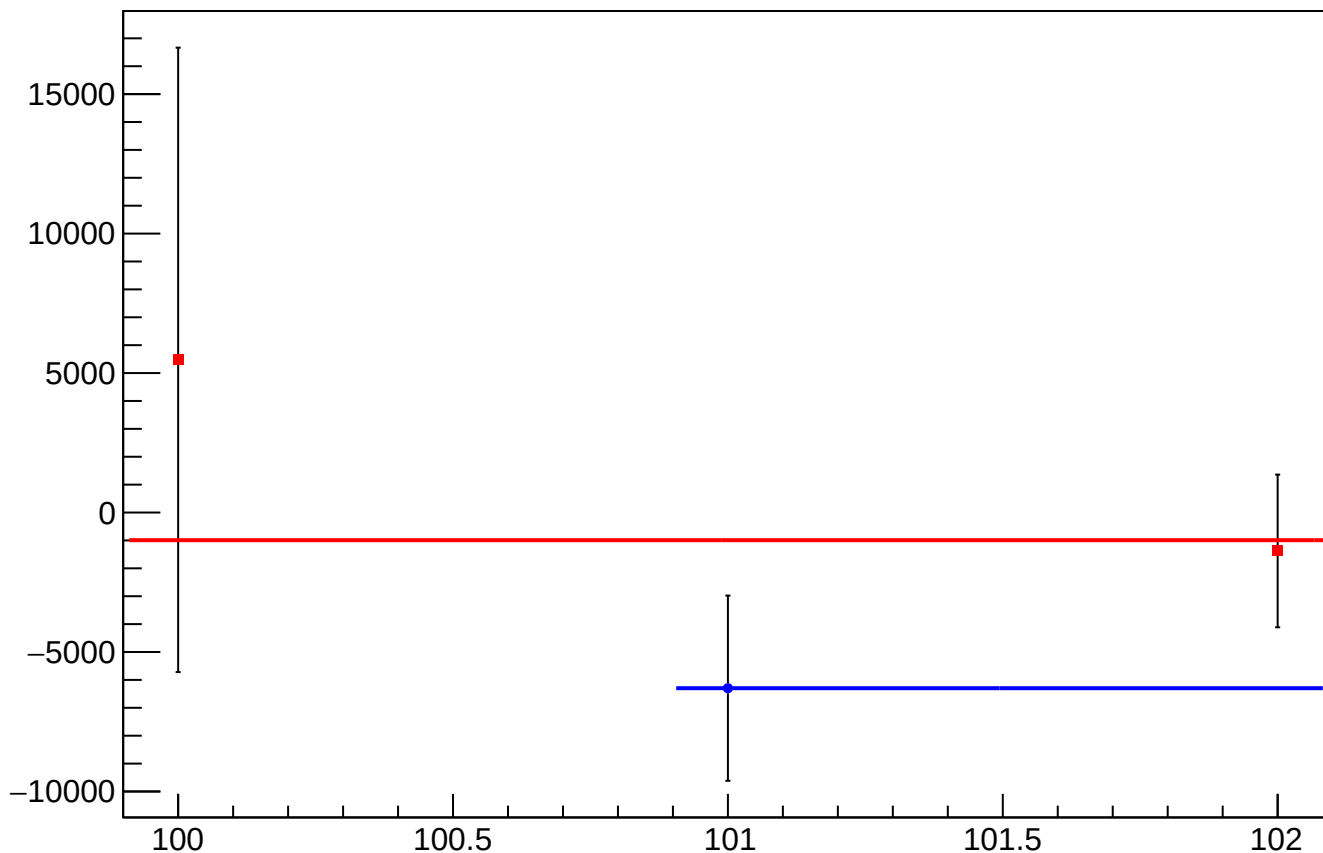
Right: 0.000+/-0.000 χ^2/NDF : 287561.2/2

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 : 287561.2/2

reg_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -6297.237+/-3319.775 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -990.867+/-2658.666 χ^2/NDF : 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

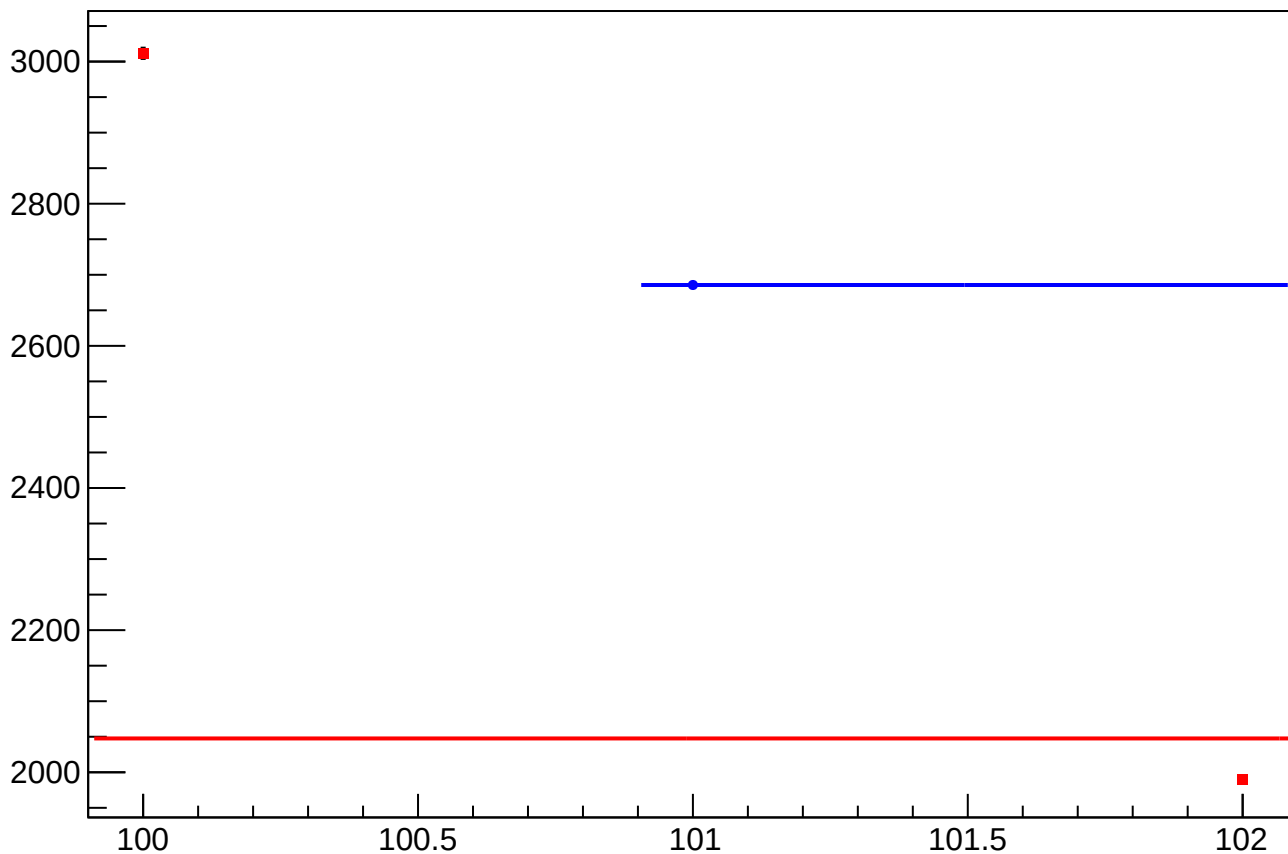
Right: -3064.351+/-2075.201 χ^2/NDF : 1.9/2

In: -6297.237+/-3319.775 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3064.351+/-2075.201 χ^2/NDF : 1.9/2

reg_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2685.629 $\pm$ 2.347 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2047.613 $\pm$ 1.880 χ^2 /NDF: 15724.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

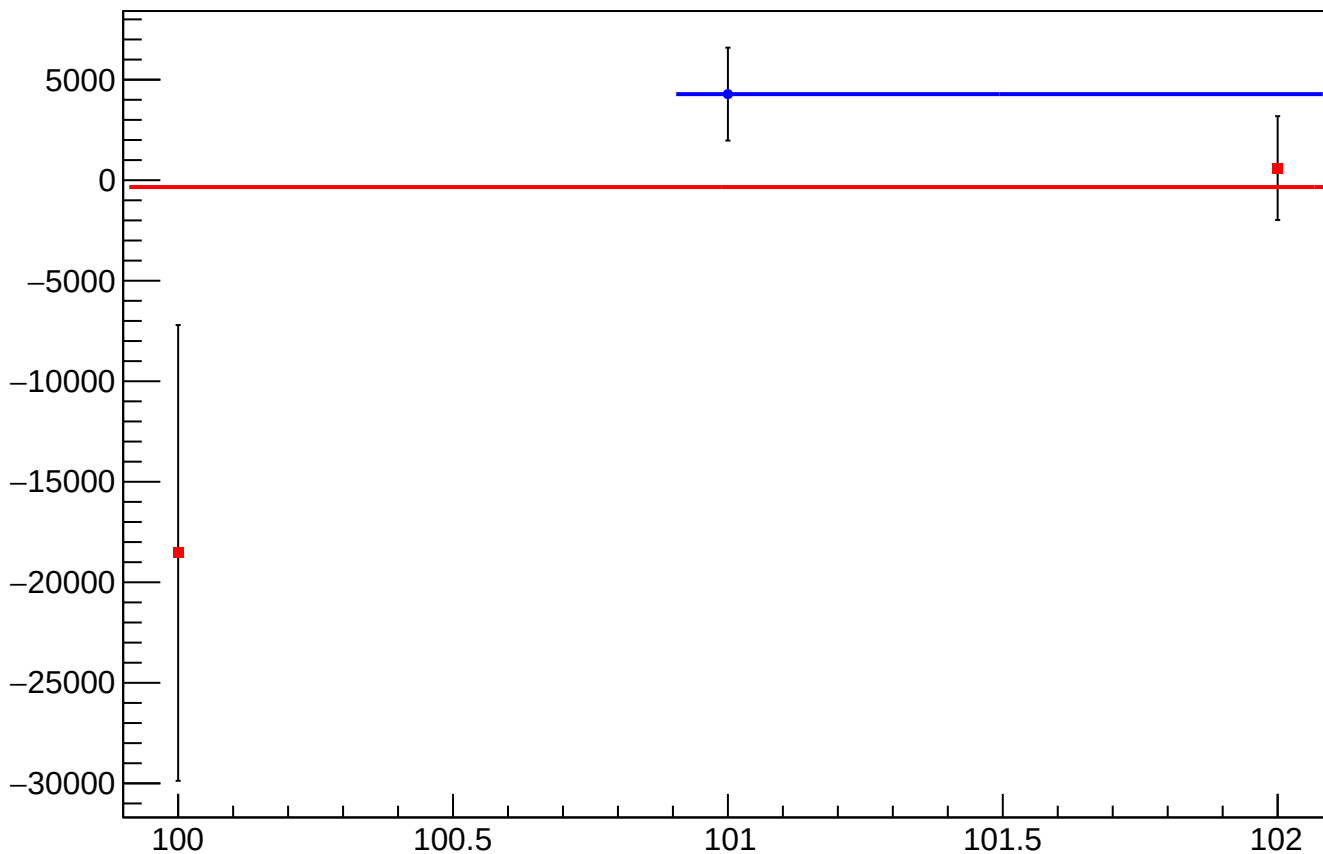
Right: 2296.919 $\pm$ 1.467 χ^2 /NDF: 60730.7/2

In: 2685.629 $\pm$ 2.347 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2296.919 $\pm$ 1.467 χ^2 /NDF: 60730.7/2

asym_at2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 4280.693+/-2311.214 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -339.981+/-2516.645 χ^2/NDF : 2.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

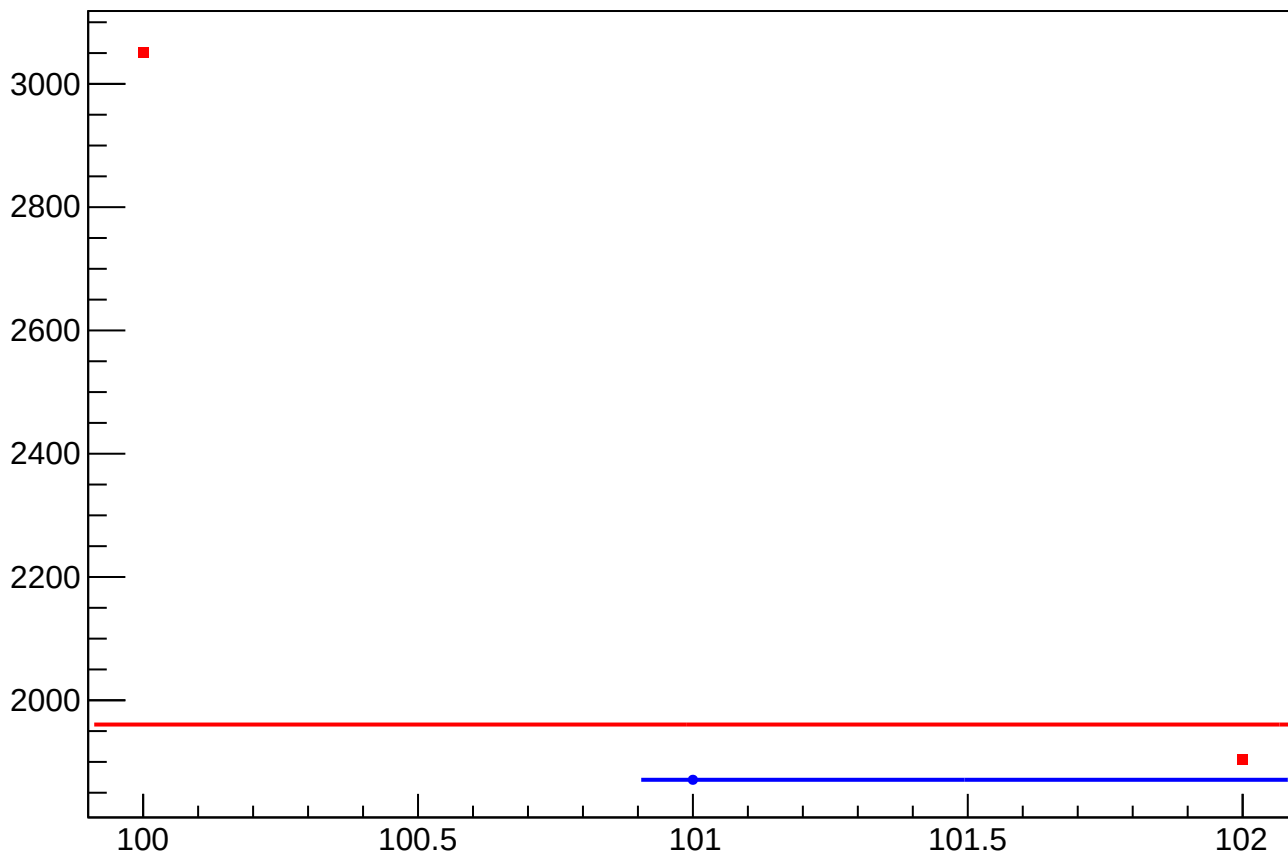
Right: 2166.616+/-1702.275 χ^2/NDF : 4.5/2

In: 4280.693+/-2311.214 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2166.616+/-1702.275 χ^2/NDF : 4.5/2

asym_at2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1870.987 $\pm$ 1.634 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1960.633 $\pm$ 1.780 χ^2 /NDF: 19459.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

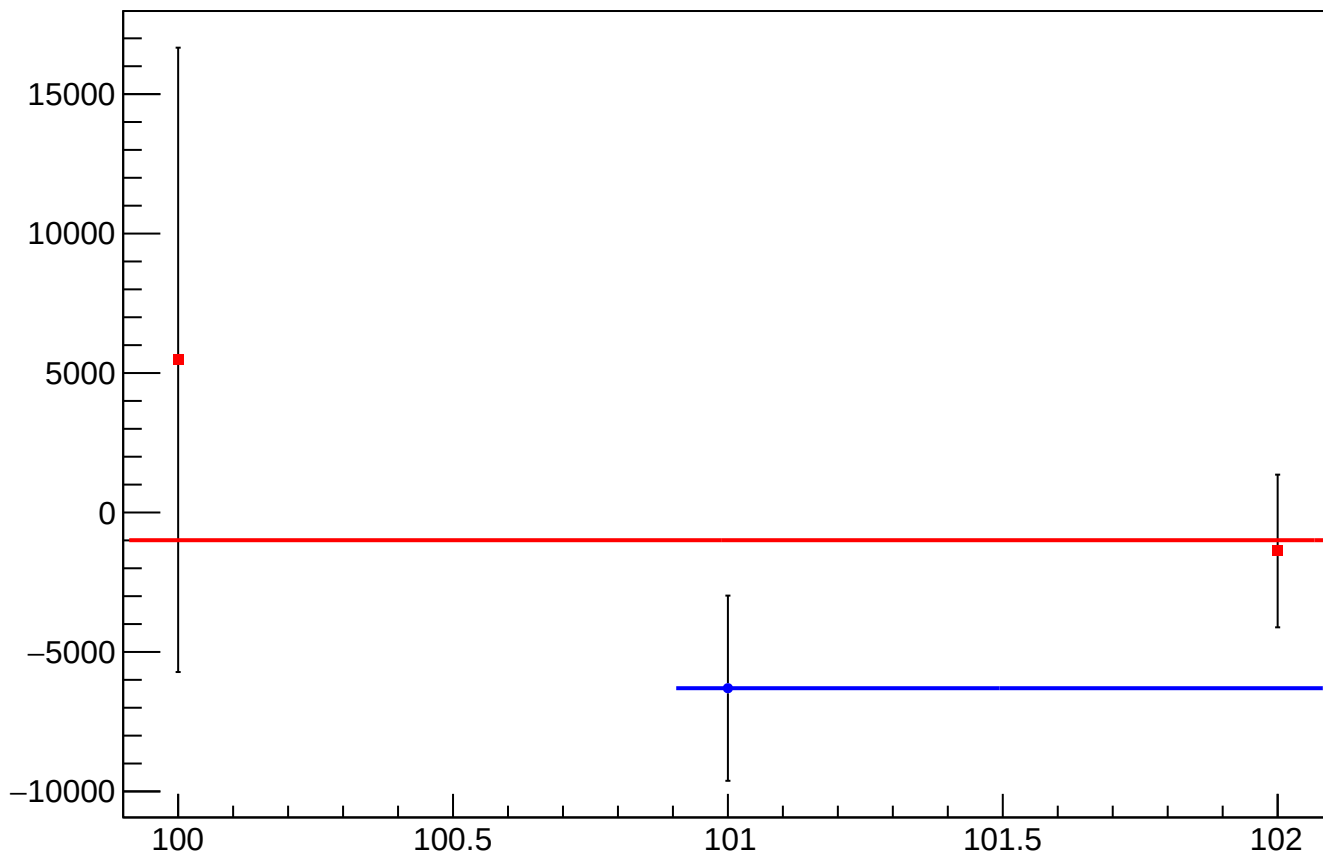
Right: 1912.003 $\pm$ 1.204 χ^2 /NDF: 20835.8/2

In: 1870.987 $\pm$ 1.634 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1912.003 $\pm$ 1.204 χ^2 /NDF: 20835.8/2

cor_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -6299.553+/-3319.778 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -993.477+/-2658.667 χ^2/NDF : 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

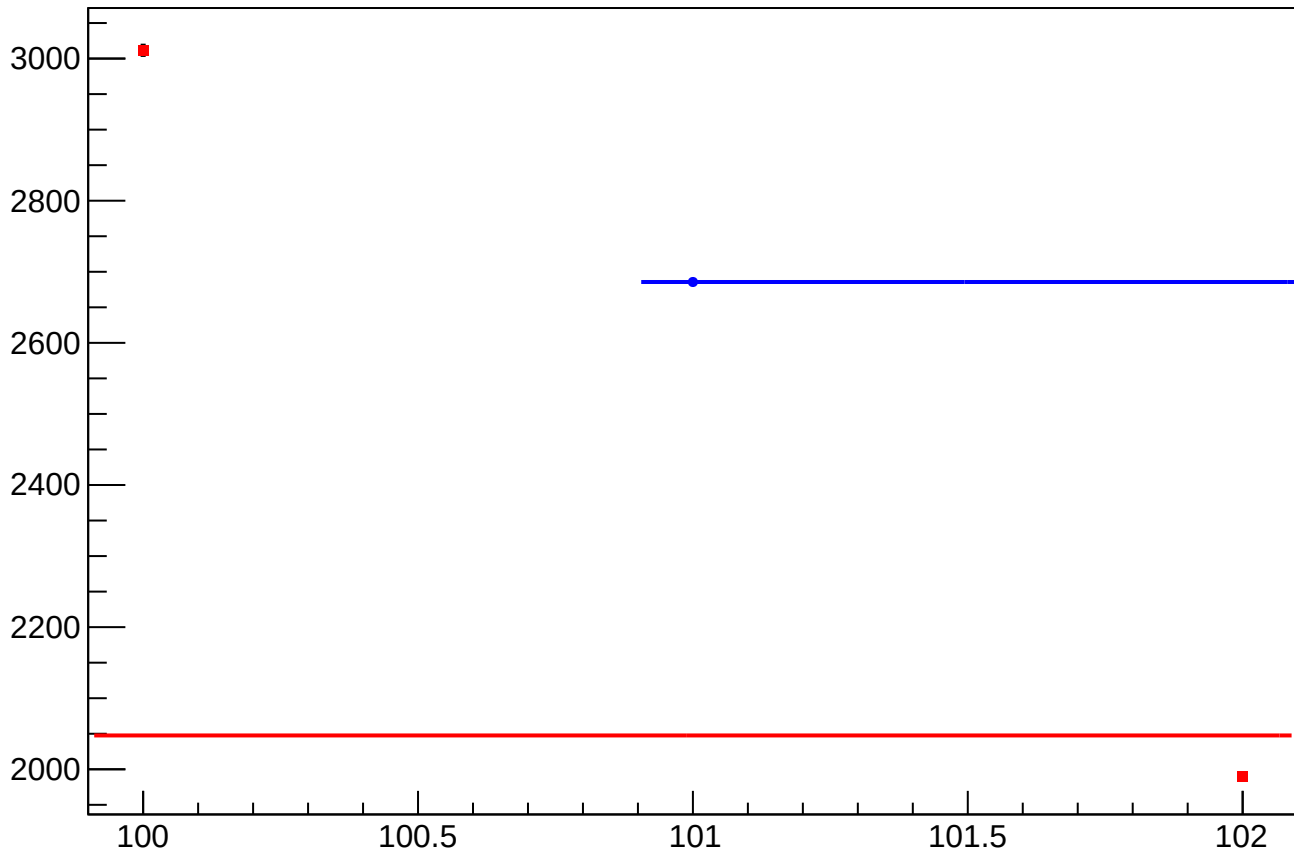
Right: -3066.845+/-2075.203 χ^2/NDF : 1.9/2

In: -6299.553+/-3319.778 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3066.845+/-2075.203 χ^2/NDF : 1.9/2

cor_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2685.629 $\pm$ 2.347 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2047.612 $\pm$ 1.880 χ^2 /NDF: 15724.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

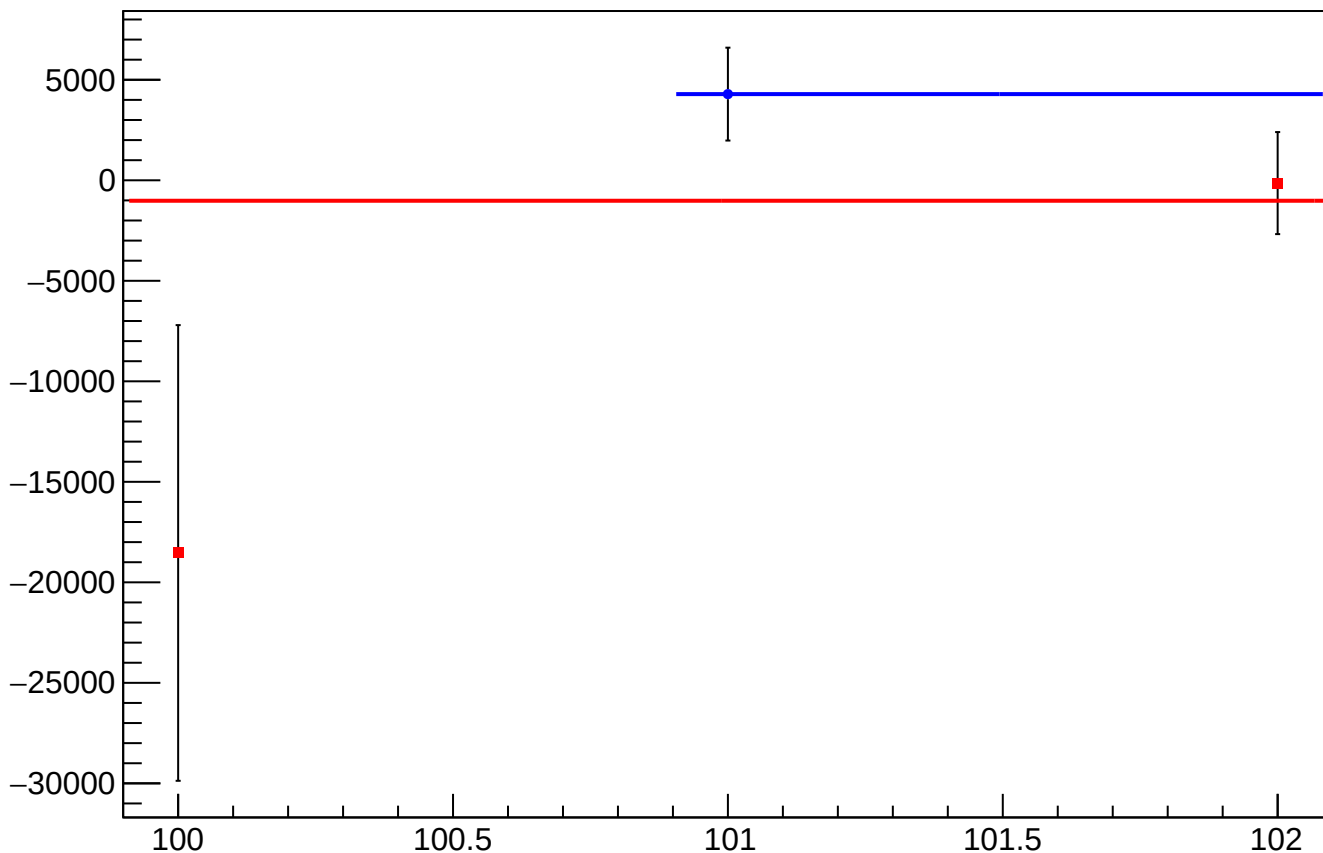
Right: 2296.918 $\pm$ 1.467 χ^2 /NDF: 60731.0/2

In: 2685.629 $\pm$ 2.347 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2296.918 $\pm$ 1.467 χ^2 /NDF: 60731.0/2

asym_at2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 4287.535 $\pm$ 2310.081 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1017.656 $\pm$ 2476.910 χ^2 /NDF: 2.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

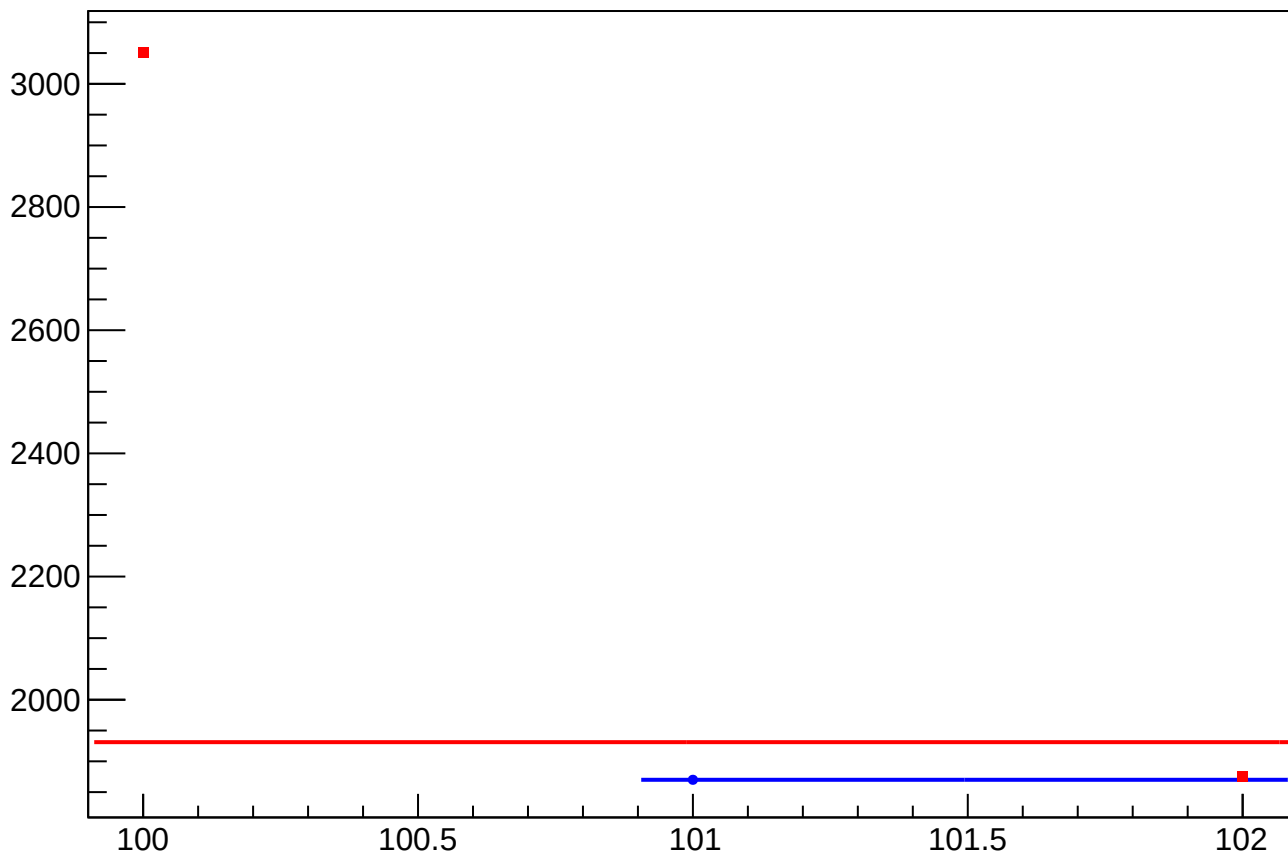
Right: 1819.603 $\pm$ 1689.376 χ^2 /NDF: 5.0/2

In: 4287.535 $\pm$ 2310.081 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1819.603 $\pm$ 1689.376 χ^2 /NDF: 5.0/2

asym_at2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1870.018 $\pm$ 1.633 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1931.122 $\pm$ 1.751 χ^2 /NDF: 20493.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

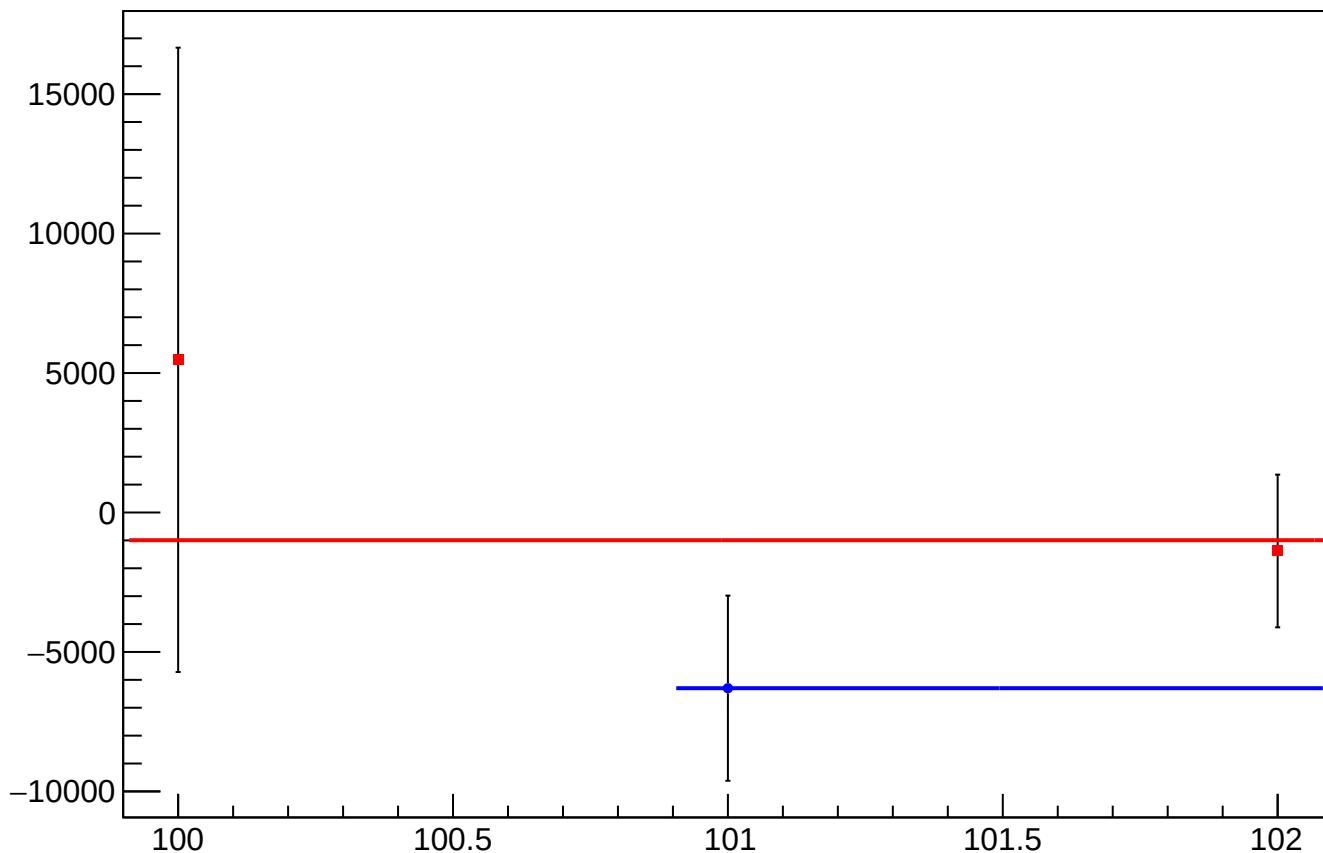
Right: 1898.443 $\pm$ 1.195 χ^2 /NDF: 21144.5/2

In: 1870.018 $\pm$ 1.633 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1898.443 $\pm$ 1.195 χ^2 /NDF: 21144.5/2

eigen_cor_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -6299.553+/-3319.778 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -993.477+/-2658.667 χ^2/NDF : 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

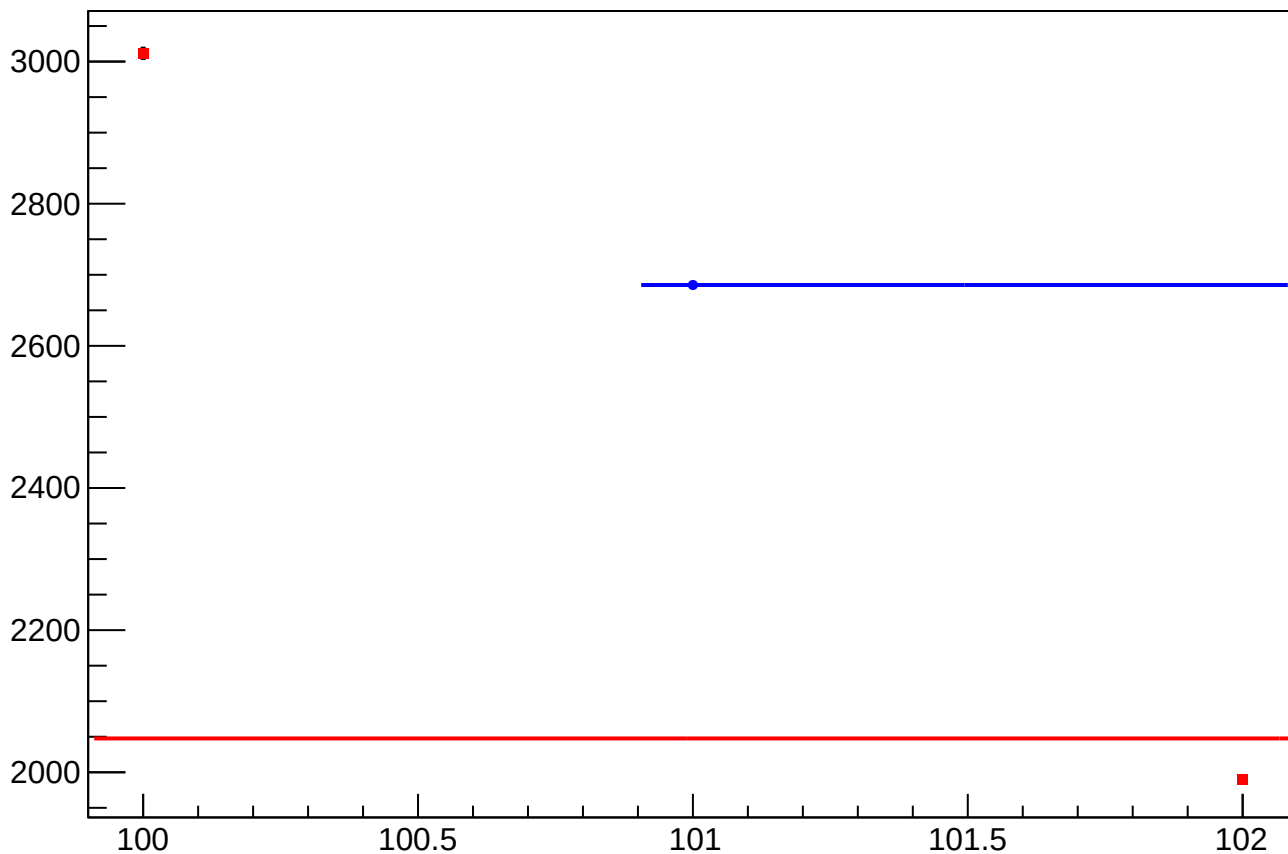
Right: -3066.845+/-2075.203 χ^2/NDF : 1.9/2

In: -6299.553+/-3319.778 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3066.845+/-2075.203 χ^2/NDF : 1.9/2

eigen_cor_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2685.629 $\pm$ 2.347 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2047.612 $\pm$ 1.880 χ^2 /NDF: 15724.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

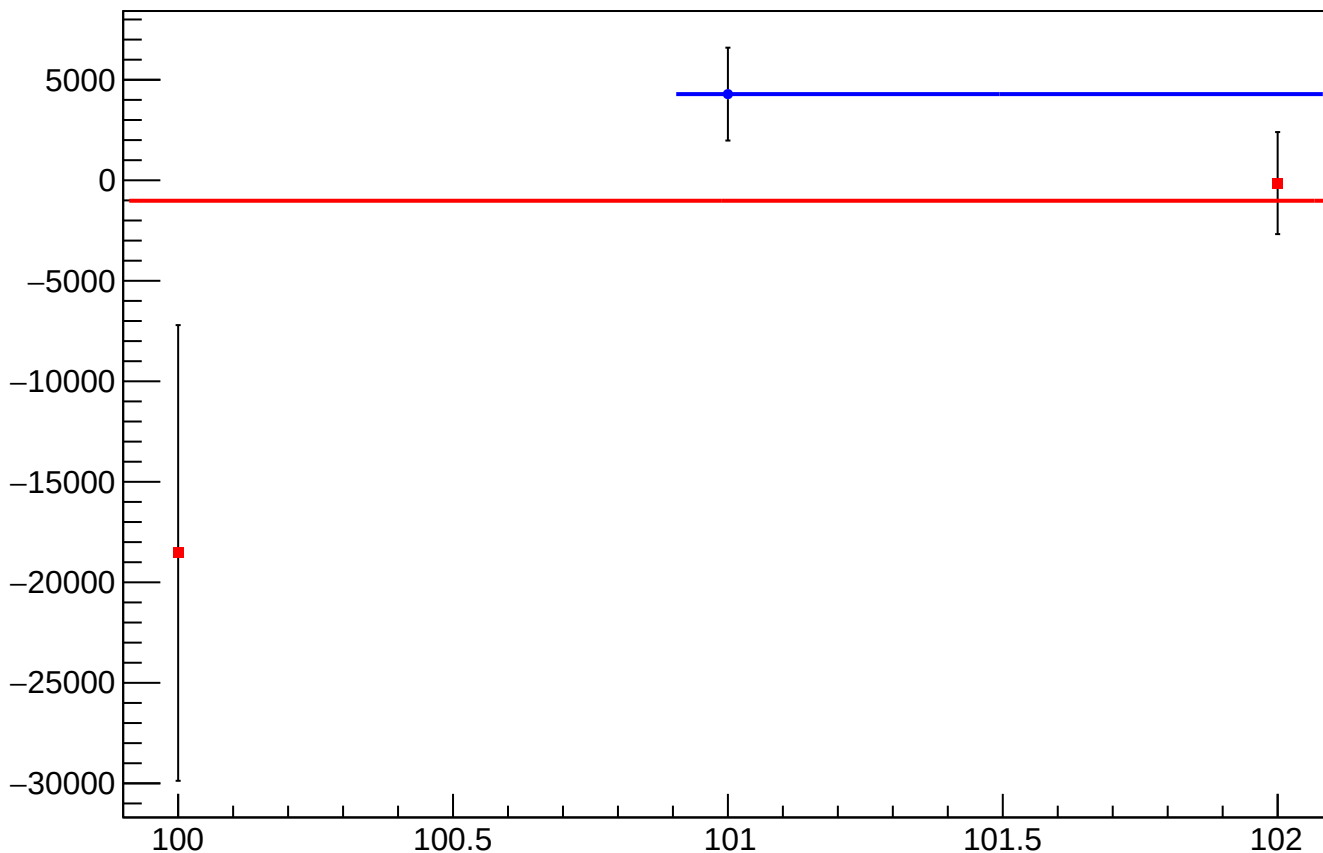
Right: 2296.918 $\pm$ 1.467 χ^2 /NDF: 60731.0/2

In: 2685.629 $\pm$ 2.347 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2296.918 $\pm$ 1.467 χ^2 /NDF: 60731.0/2

asym_at2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 4287.535 $\pm$ 2310.081 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1017.656 $\pm$ 2476.910 χ^2 /NDF: 2.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

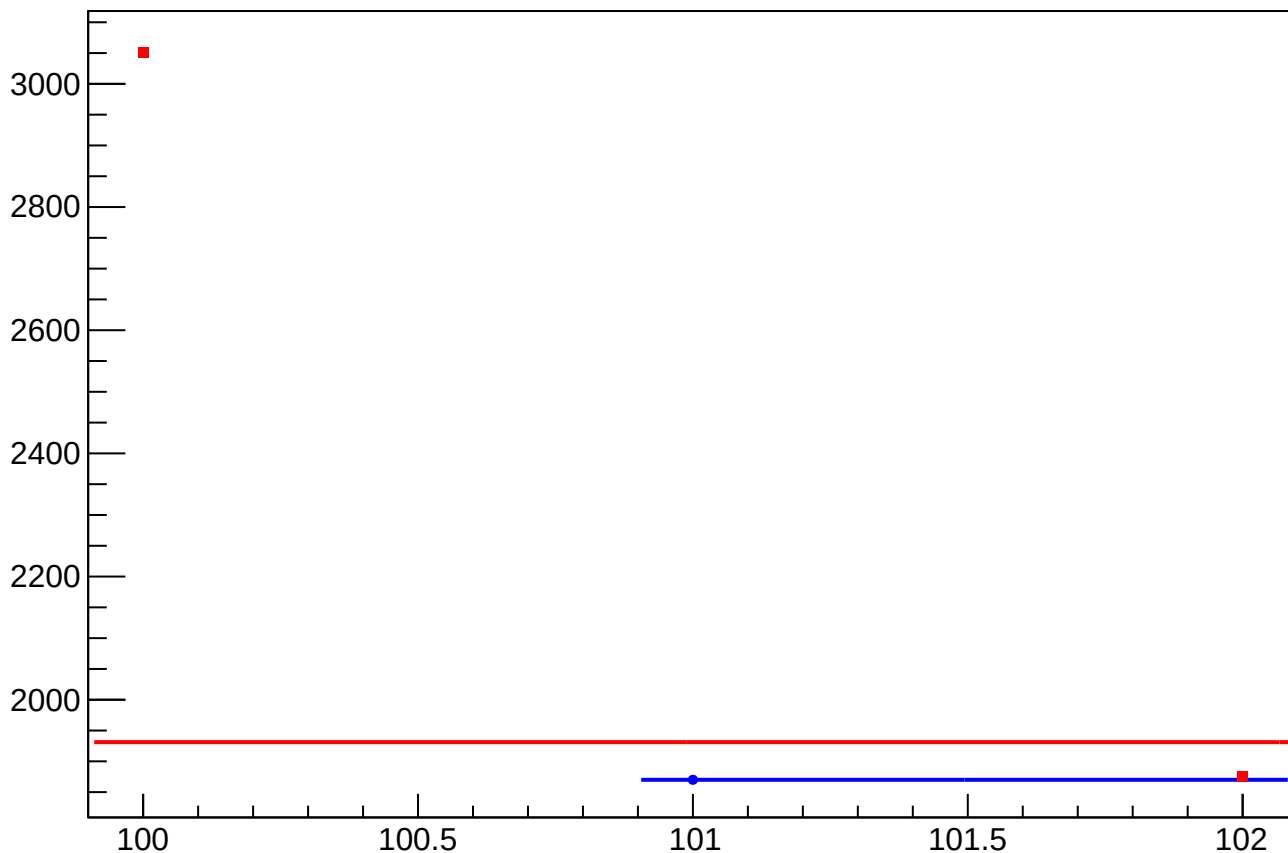
Right: 1819.603 $\pm$ 1689.376 χ^2 /NDF: 5.0/2

In: 4287.535 $\pm$ 2310.081 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1819.603 $\pm$ 1689.376 χ^2 /NDF: 5.0/2

asym_at2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1870.018+/-1.633 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1931.122+/-1.751 χ^2/NDF : 20493.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

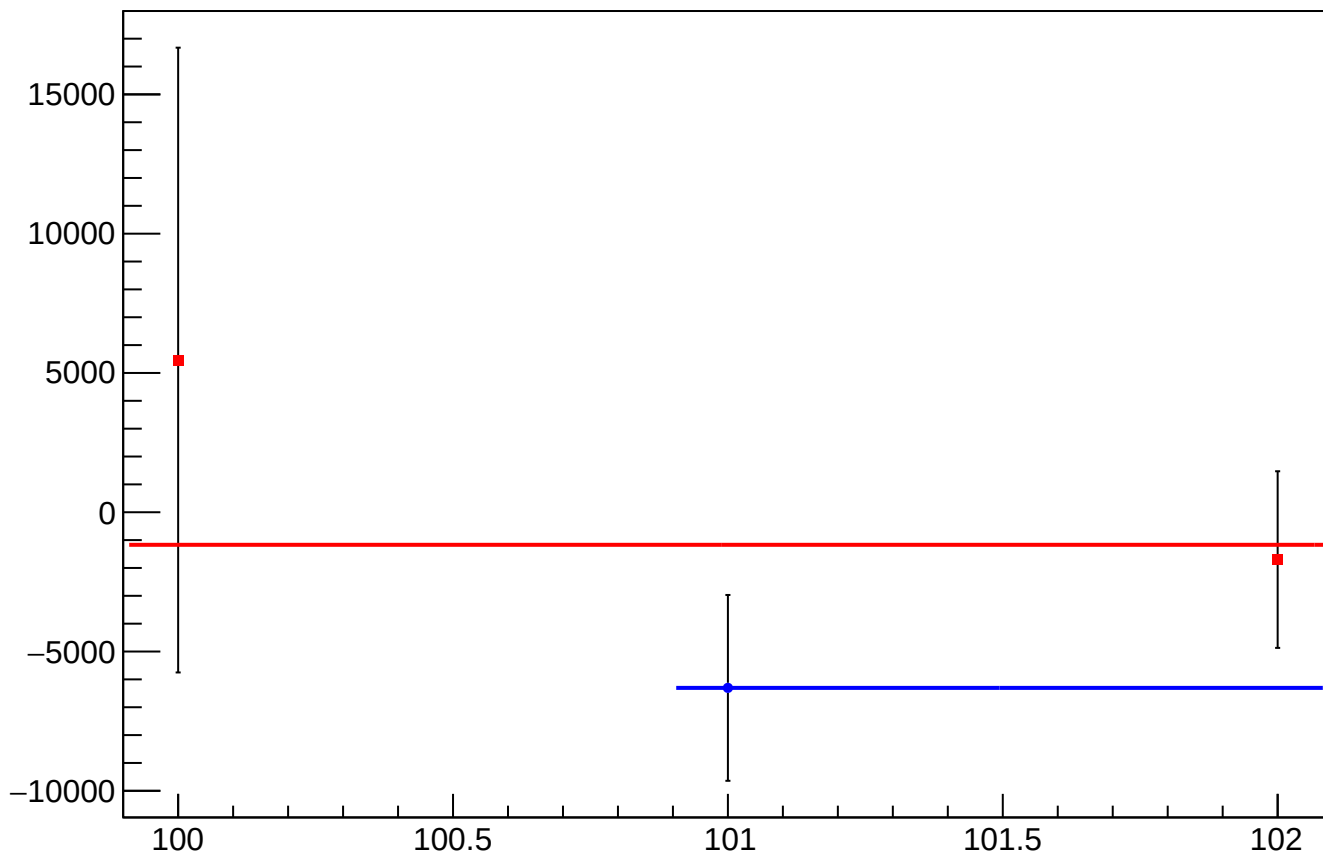
Right: 1898.443+/-1.195 χ^2/NDF : 21144.5/2

In: 1870.018+/-1.633 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1898.443+/-1.195 χ^2/NDF : 21144.5/2

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -6305.225 ± 3335.430 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1169.080 ± 3050.873 $\chi^2/\text{NDF}: 0.4/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

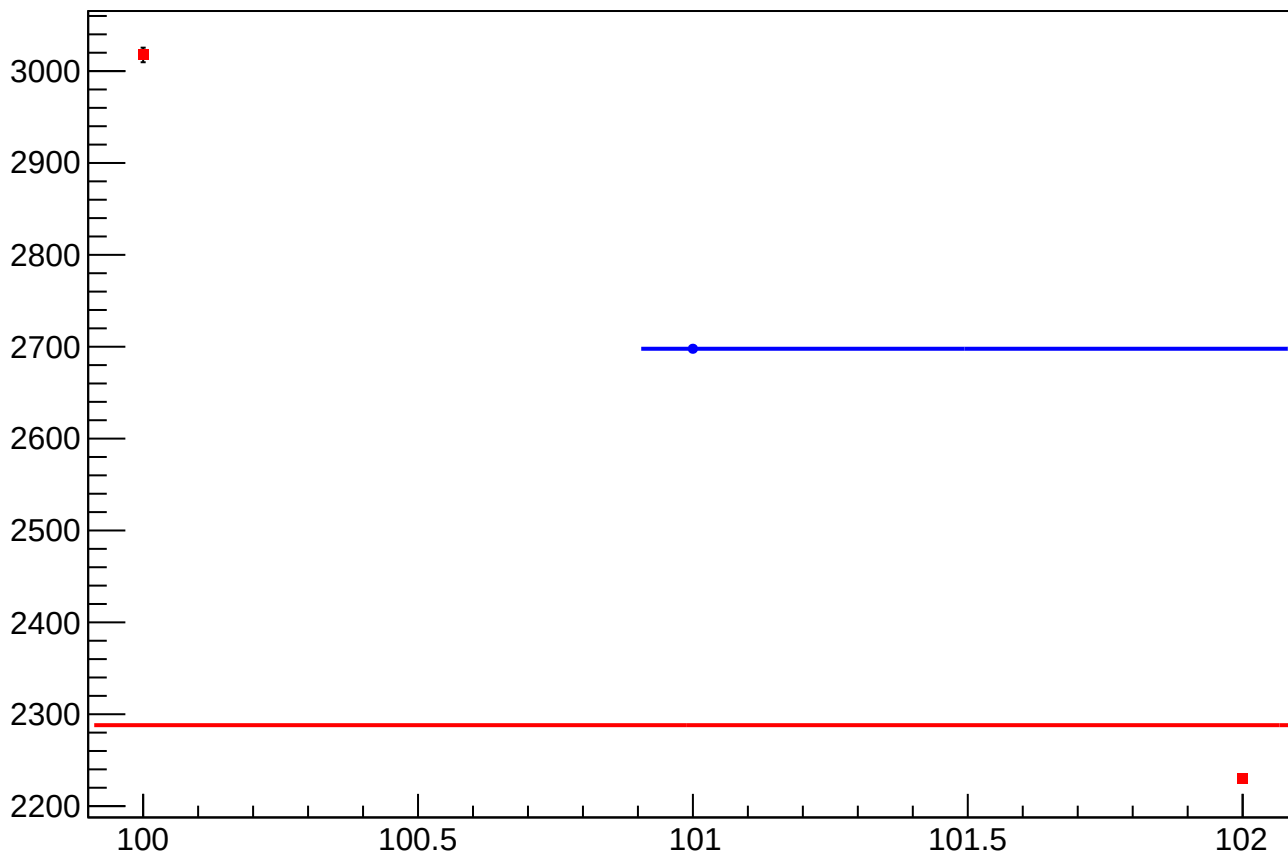
Right: -3508.752 ± 2251.183 $\chi^2/\text{NDF}: 1.7/2$

In: -6305.225 ± 3335.430 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -3508.752 ± 2251.183 $\chi^2/\text{NDF}: 1.7/2$

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2697.794 ± 2.359 χ^2/NDF : 0.0/0

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2288.099 ± 2.157 χ^2/NDF : 9138.8/1

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

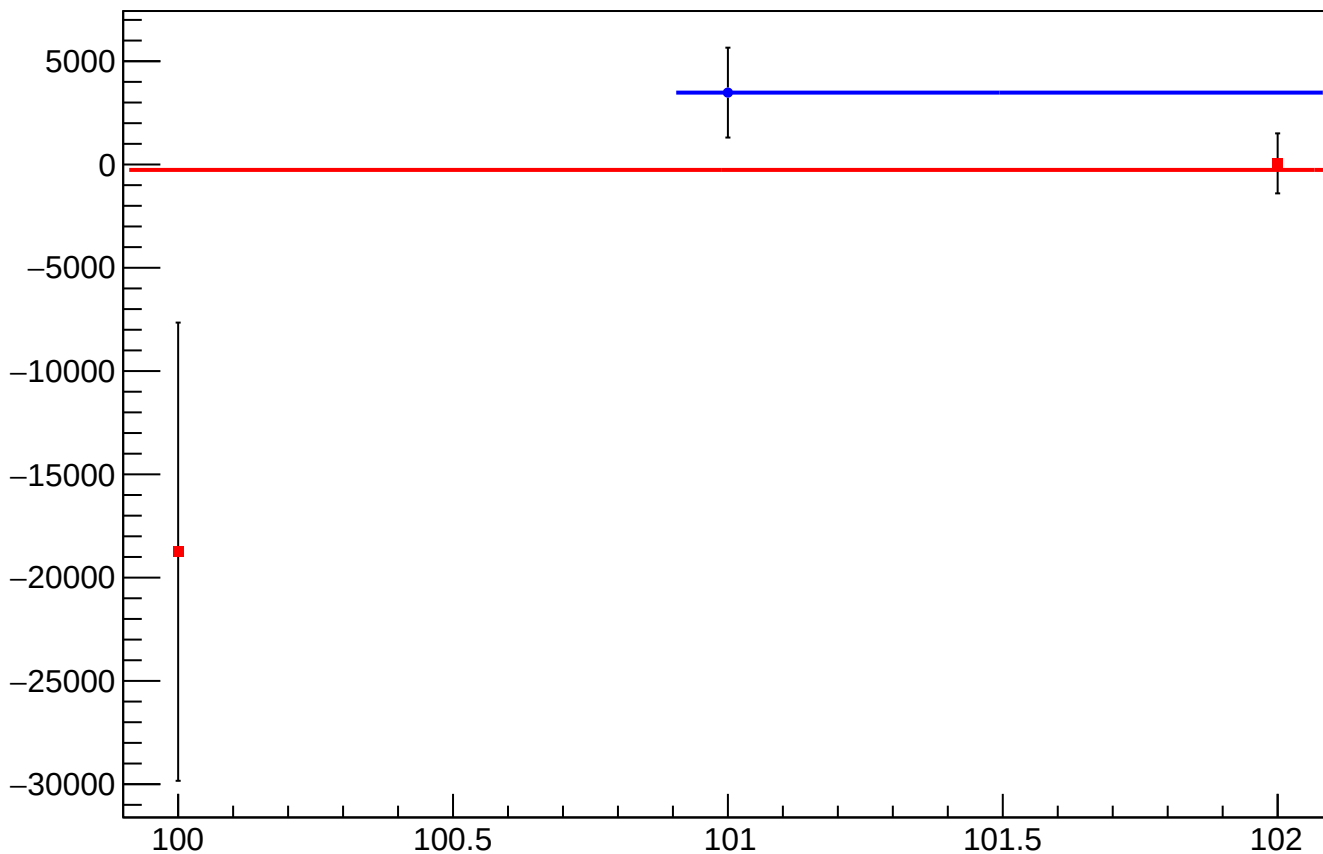
Right: 2474.727 ± 1.592 χ^2/NDF : 25568.3/2

In: 2697.794 ± 2.359 χ^2/NDF : 0.0/0

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 2474.727 ± 1.592 χ^2/NDF : 25568.3/2

asym_at2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 3480.190+/-2175.634 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -262.319+/-1439.928 χ^2 /NDF: 2.8/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

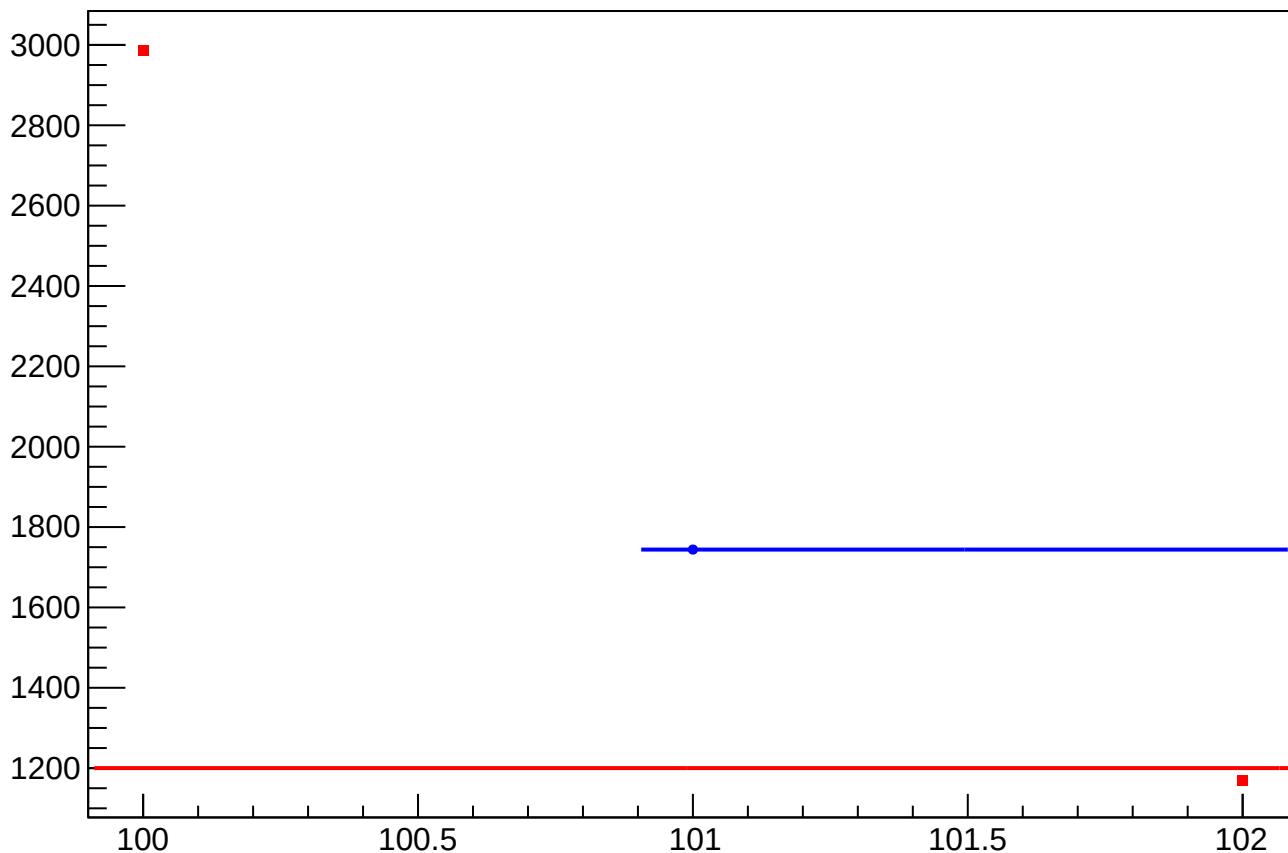
Right: 877.676+/-1200.759 χ^2 /NDF: 4.9/2

In: 3480.190+/-2175.634 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 877.676+/-1200.759 χ^2 /NDF: 4.9/2

asym_at2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1743.980 $\pm$ 1.538 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1200.127 $\pm$ 1.018 χ^2 /NDF: 52703.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

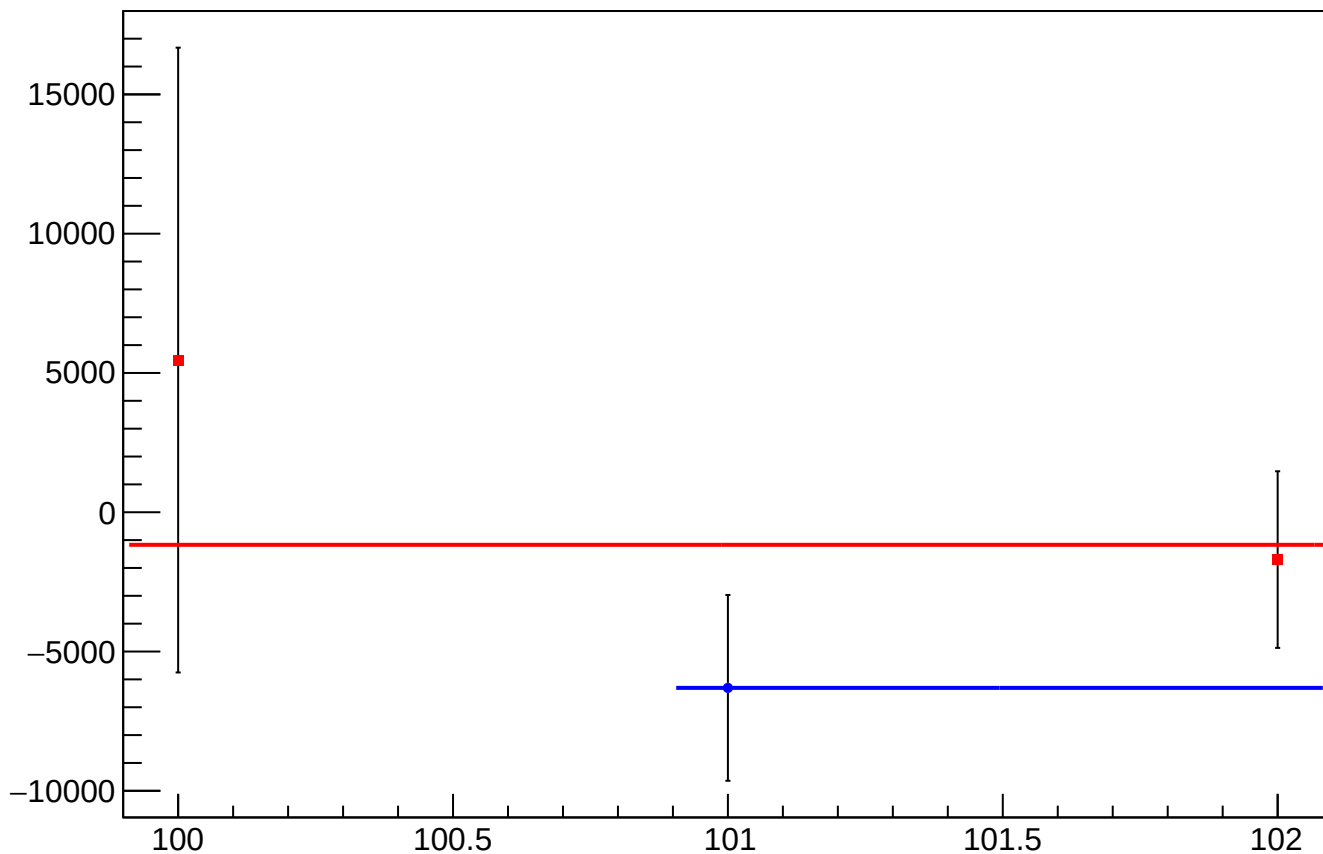
Right: 1365.788 $\pm$ 0.849 χ^2 /NDF: 139609.8/2

In: 1743.980 $\pm$ 1.538 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1365.788 $\pm$ 0.849 χ^2 /NDF: 139609.8/2

eigen_dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -6305.264+/-3335.430 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1169.071+/-3050.872 χ^2/NDF : 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

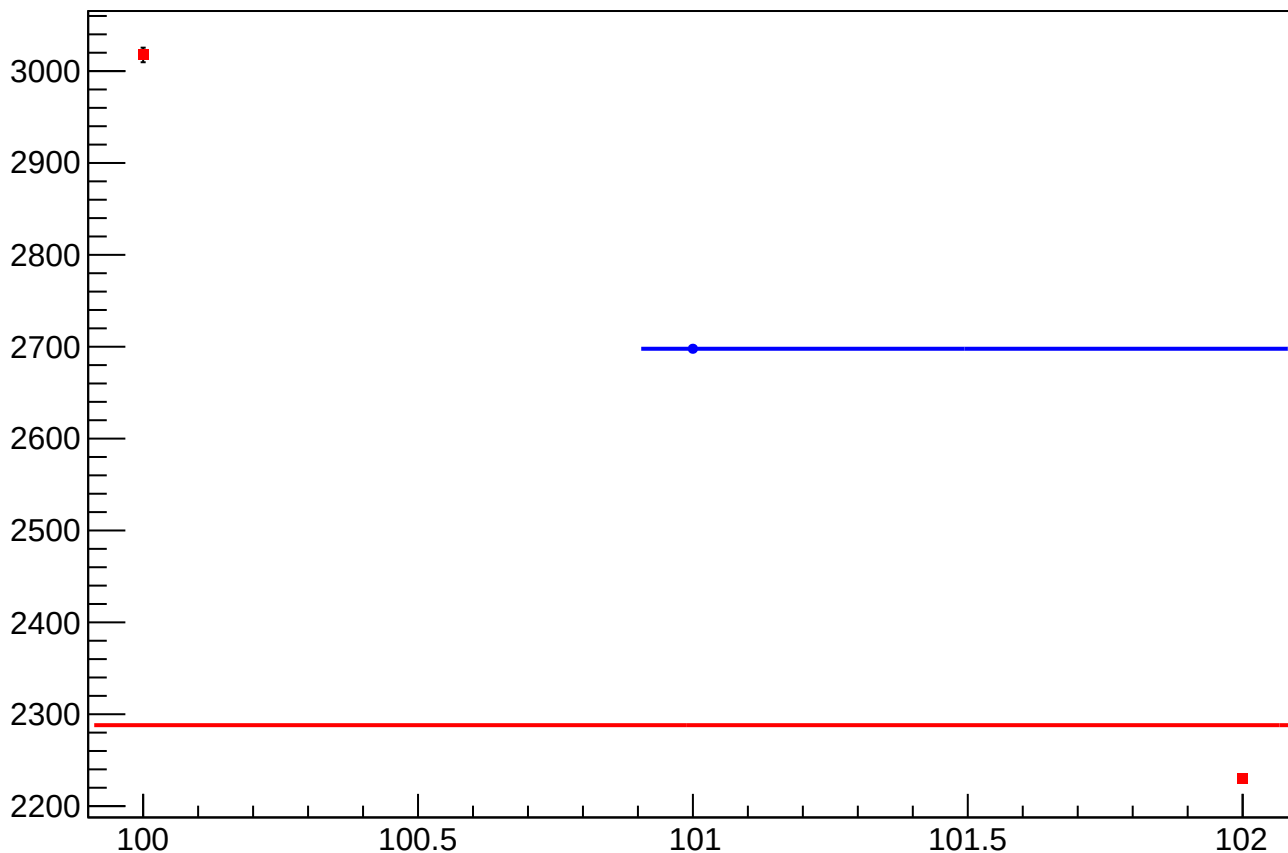
Right: -3508.765+/-2251.183 χ^2/NDF : 1.7/2

In: -6305.264+/-3335.430 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3508.765+/-2251.183 χ^2/NDF : 1.7/2

eigen_dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2697.794 $\pm$ 2.359 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2288.099 $\pm$ 2.157 χ^2 /NDF: 9138.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

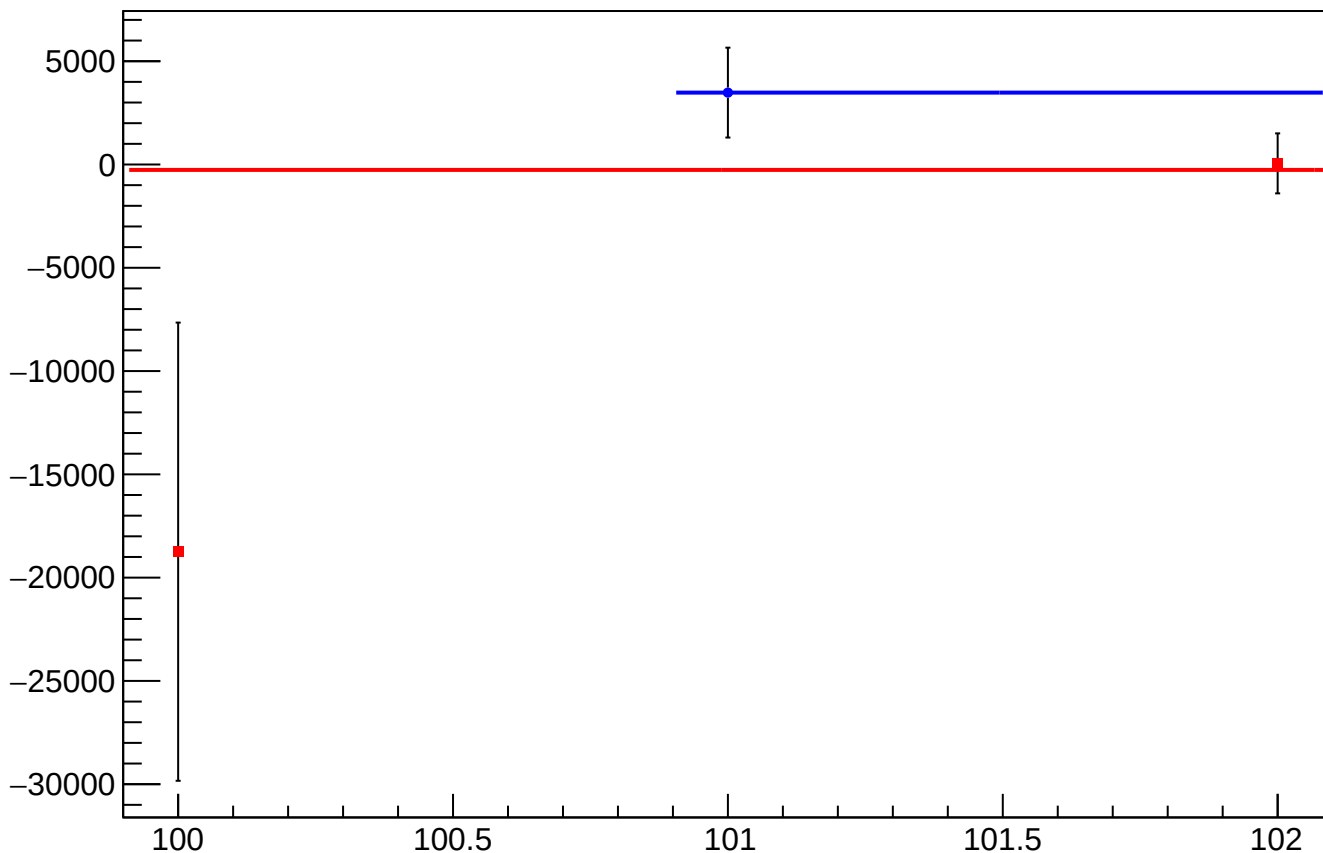
Right: 2474.727 $\pm$ 1.592 χ^2 /NDF: 25568.3/2

In: 2697.794 $\pm$ 2.359 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2474.727 $\pm$ 1.592 χ^2 /NDF: 25568.3/2

asym_at2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 3480.172+/-2175.620 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -262.321+/-1439.931 χ^2/NDF : 2.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

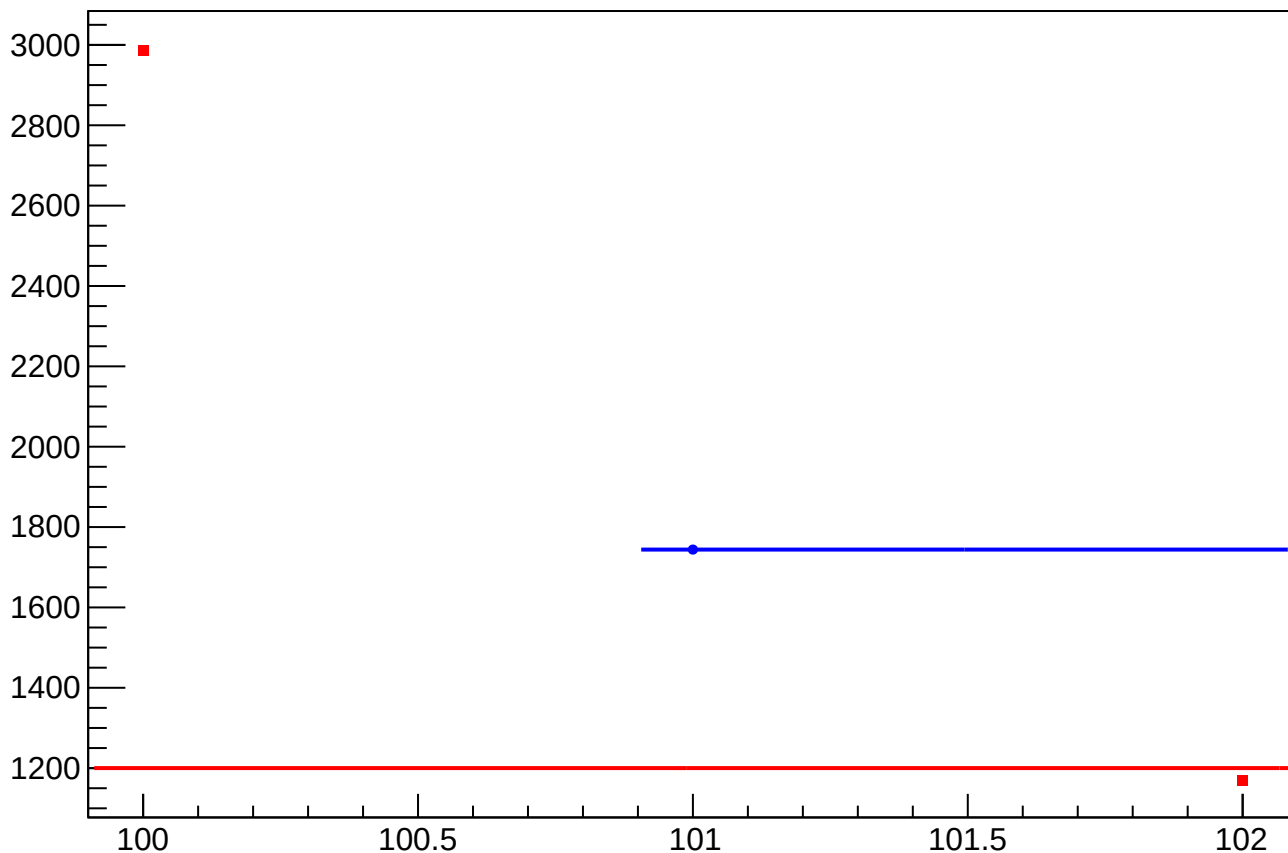
Right: 877.682+/-1200.758 χ^2/NDF : 4.9/2

In: 3480.172+/-2175.620 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 877.682+/-1200.758 χ^2/NDF : 4.9/2

asym_at2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1743.970+/-1.538 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1200.129+/-1.018 χ^2/NDF : 52702.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

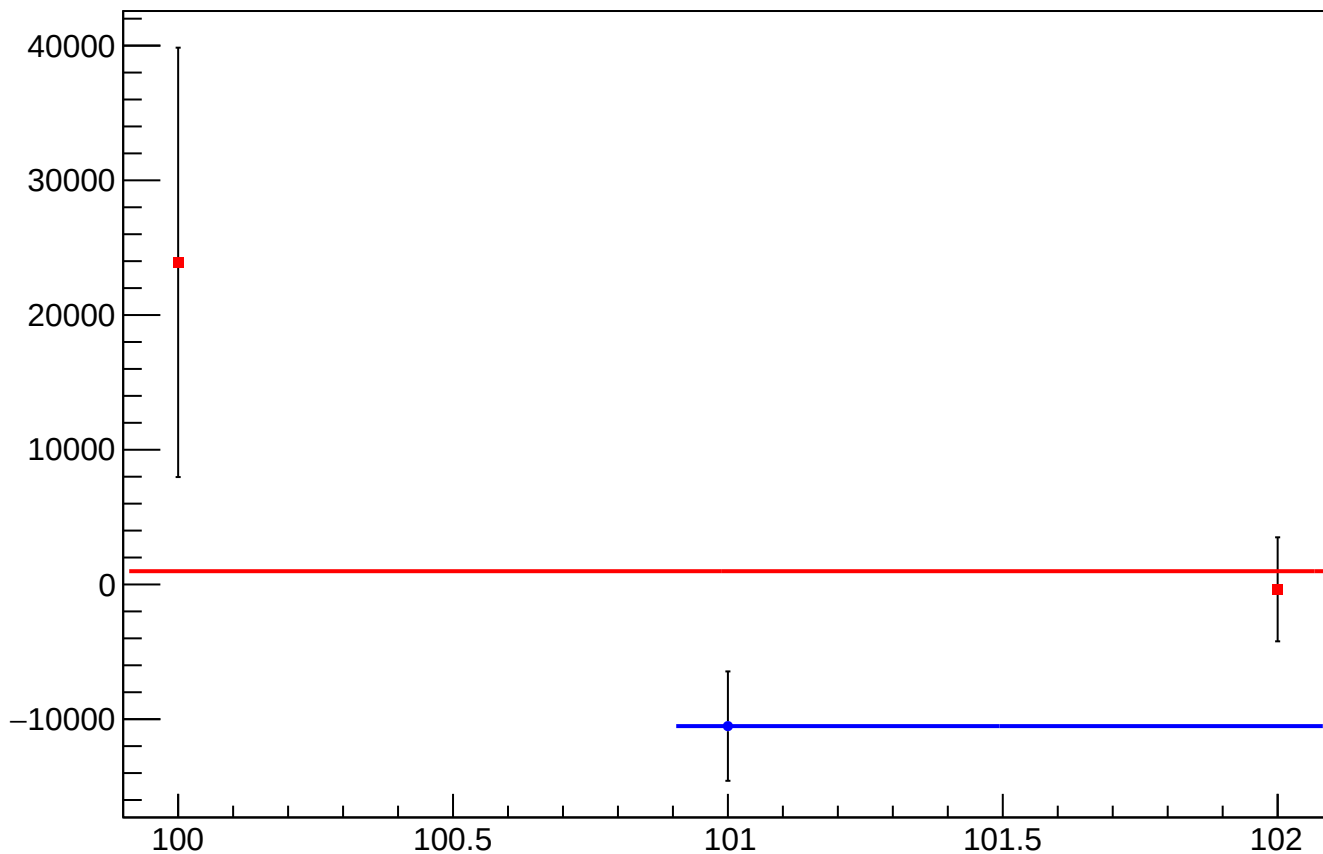
Right: 1365.789+/-0.849 χ^2/NDF : 139605.7/2

In: 1743.970+/-1.538 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1365.789+/-0.849 χ^2/NDF : 139605.7/2

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -10514.158+/-4060.077 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 985.243+/-3752.467 χ^2/NDF : 2.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

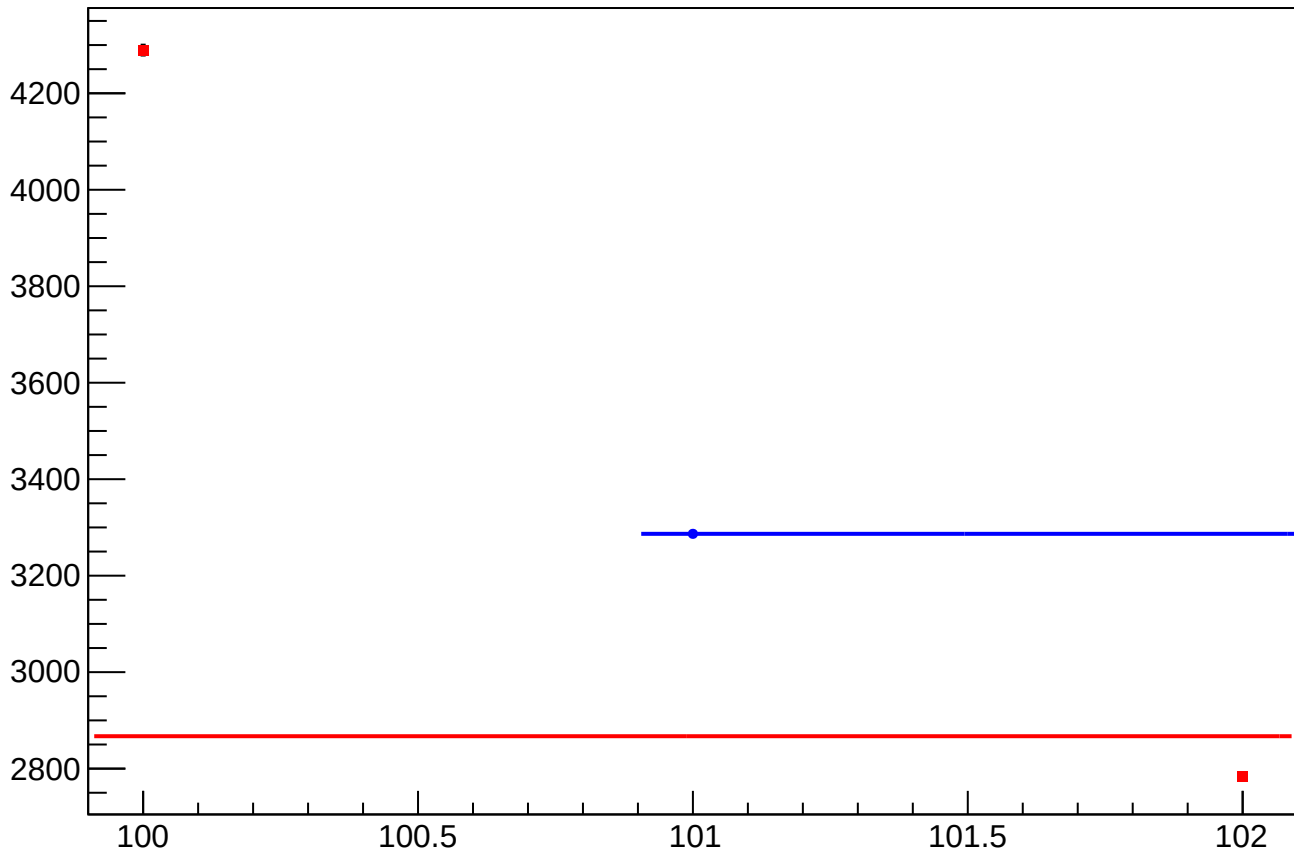
Right: -4312.382+/-2755.734 χ^2/NDF : 6.5/2

In: -10514.158+/-4060.077 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4312.382+/-2755.734 χ^2/NDF : 6.5/2

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 3286.741 $\pm$ 2.871 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2867.199 $\pm$ 2.653 χ^2 /NDF: 16864.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

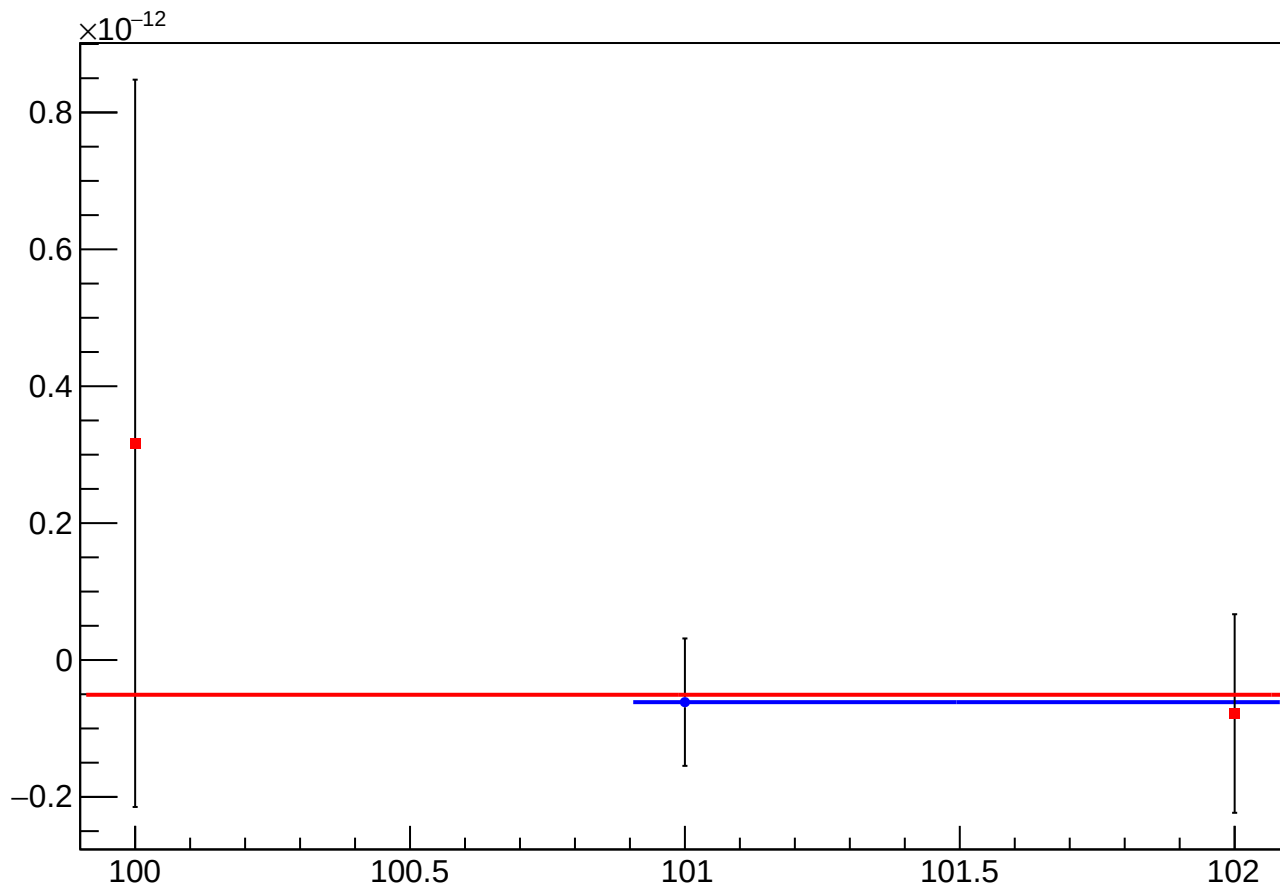
Right: 3060.475 $\pm$ 1.949 χ^2 /NDF: 28381.8/2

In: 3286.741 $\pm$ 2.871 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3060.475 $\pm$ 1.949 χ^2 /NDF: 28381.8/2

asym_at2_dd_reg_vs_cor_diff_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 : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

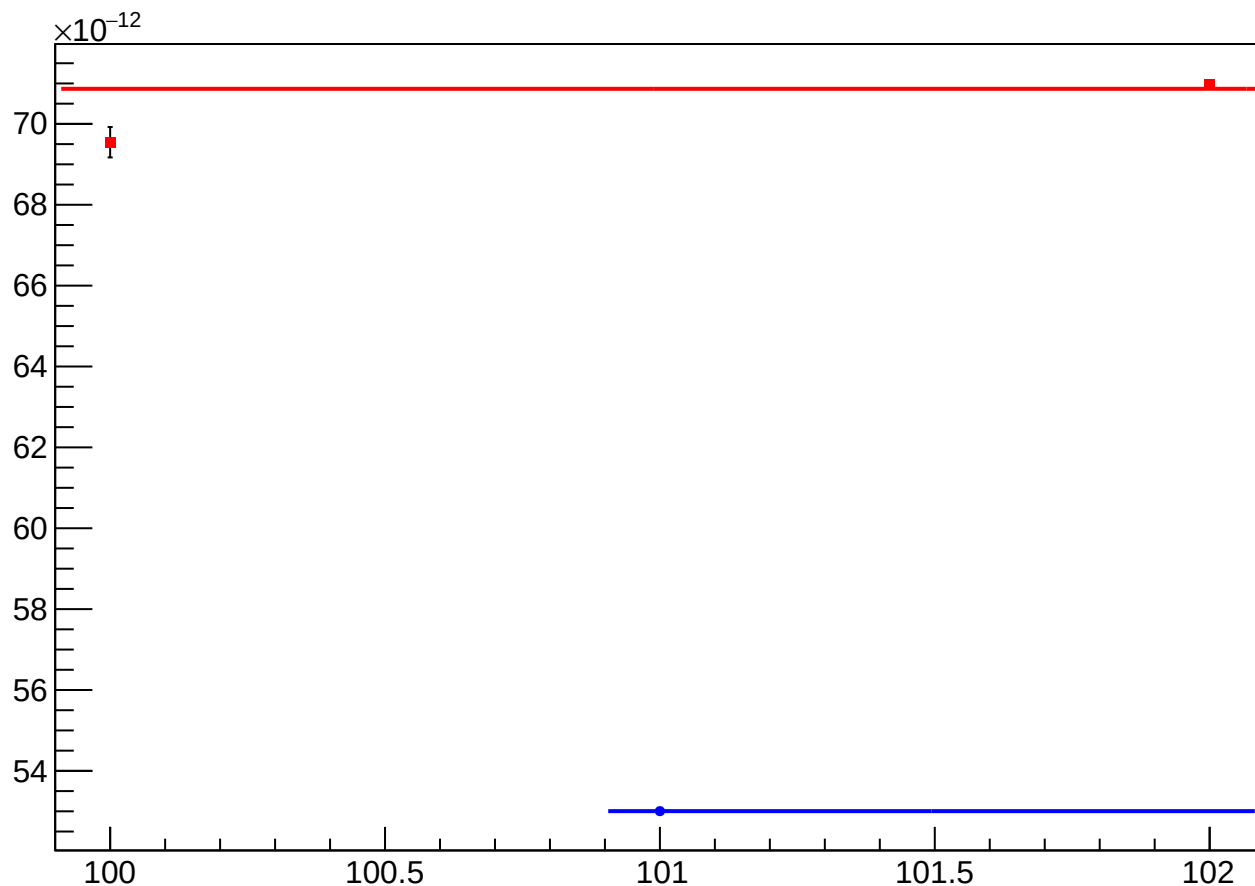
Right: -0.000+/-0.000 χ^2/NDF : 0.5/2

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 : 0.5/2

asym_at2_dd_reg_vs_cor_diff_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 : 13.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

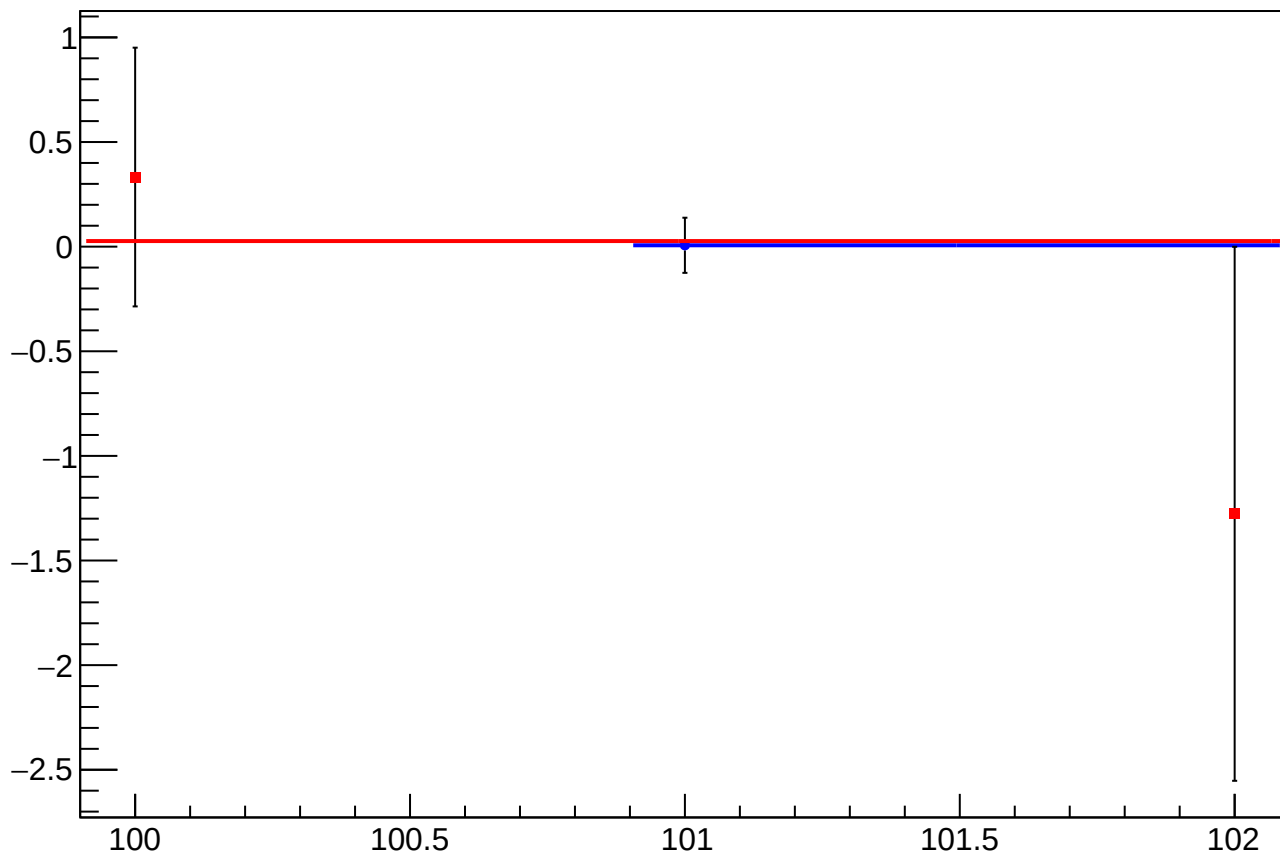
Right: 0.000+/-0.000 χ^2/NDF : 22608.9/2

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 : 22608.9/2

asym_at2_dd_dit_vs_Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.132 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.027 $\pm$ 0.556 χ^2 /NDF: 1.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

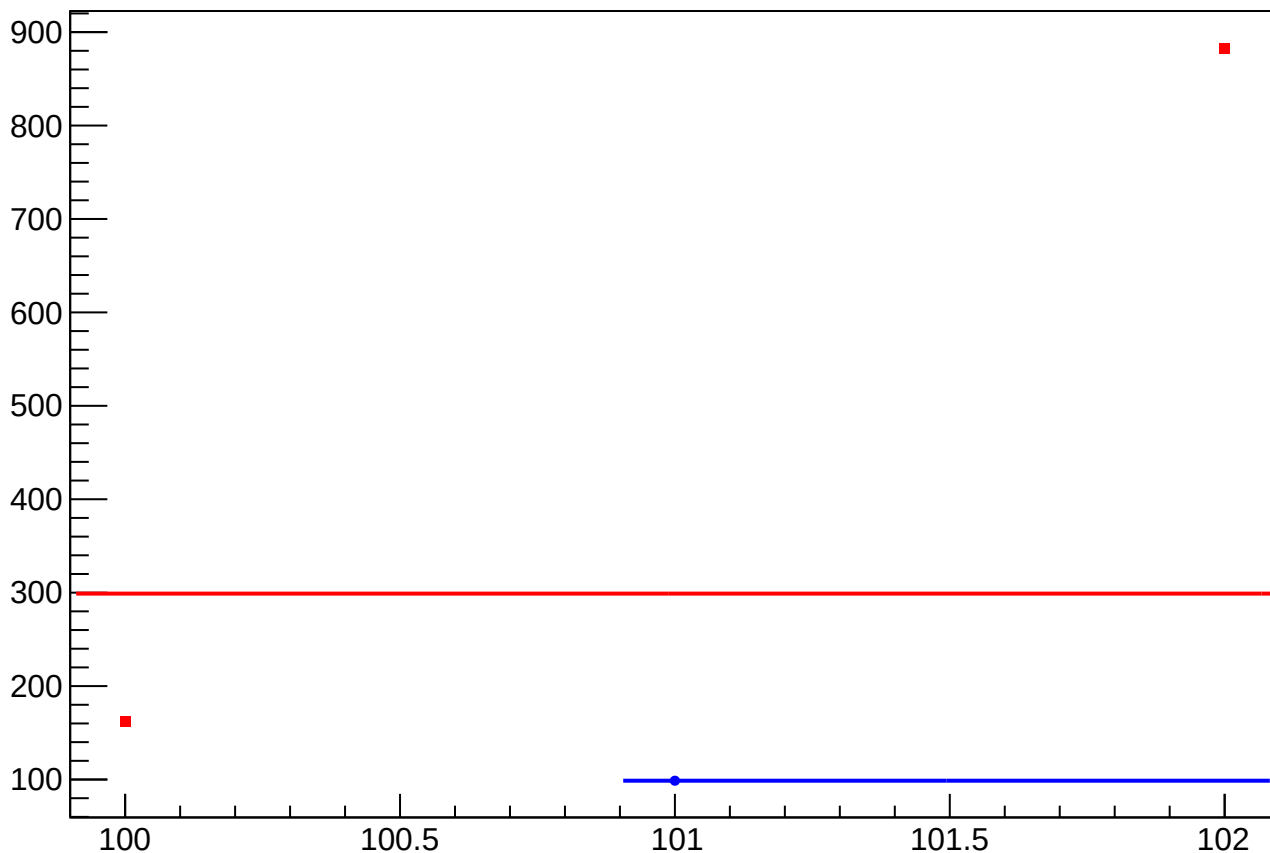
Right: 0.008 $\pm$ 0.128 χ^2 /NDF: 1.3/2

In: 0.007 $\pm$ 0.132 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.008 $\pm$ 0.128 χ^2 /NDF: 1.3/2

asym_at2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 98.718 $\pm$ 0.093 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 298.991 $\pm$ 0.393 χ^2 /NDF: 516269.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

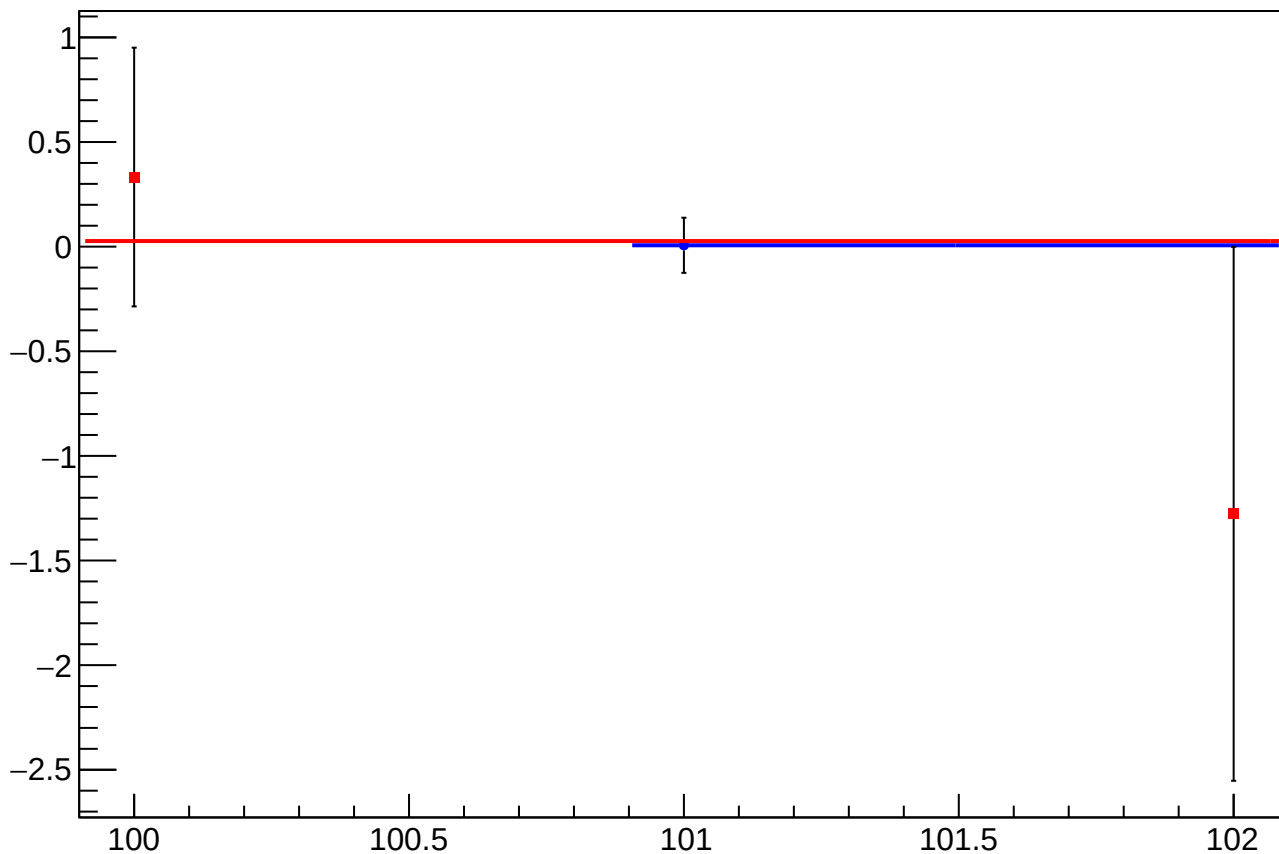
Right: 109.350 $\pm$ 0.091 χ^2 /NDF: 761635.4/2

In: 98.718 $\pm$ 0.093 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 109.350 $\pm$ 0.091 χ^2 /NDF: 761635.4/2

asym_at2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.132 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.027 $\pm$ 0.556 χ^2 /NDF: 1.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

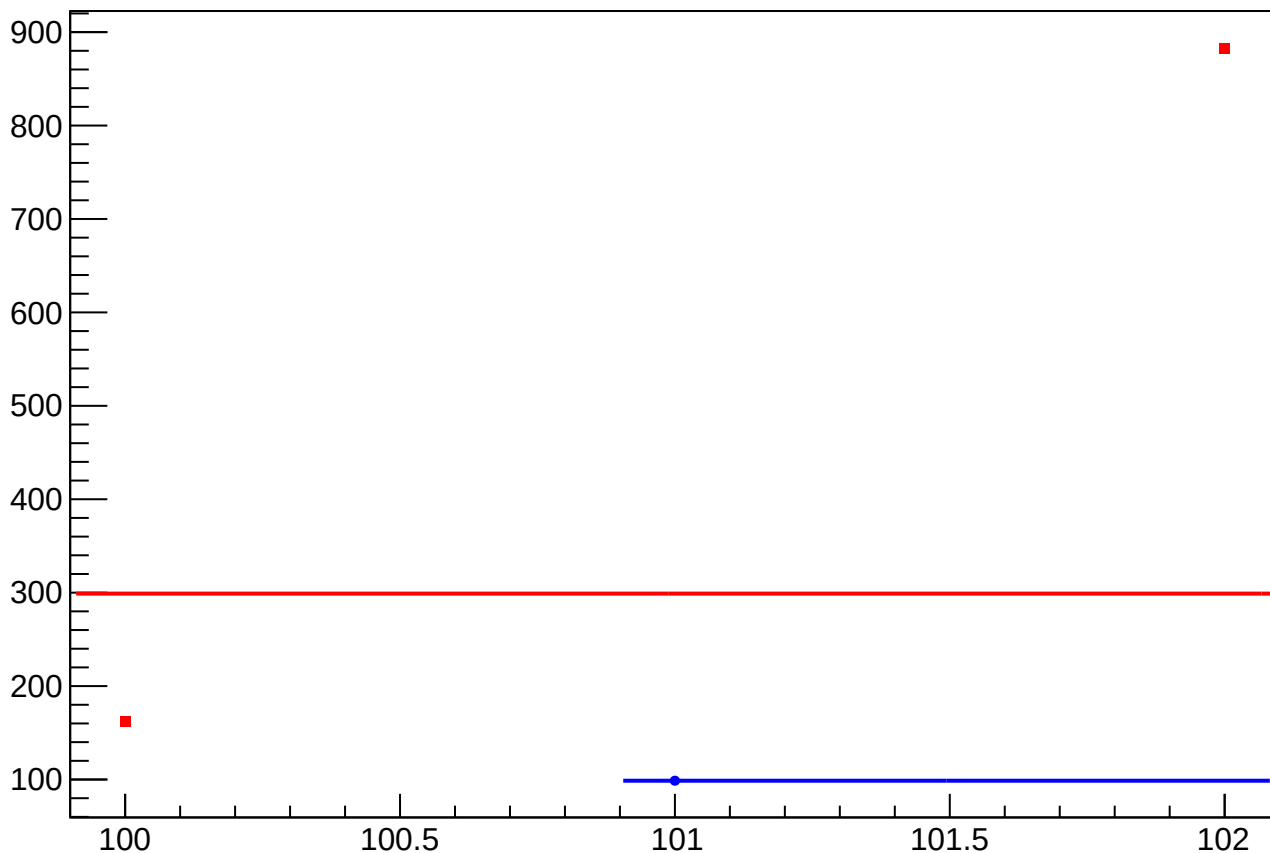
Right: 0.008 $\pm$ 0.128 χ^2 /NDF: 1.3/2

In: 0.007 $\pm$ 0.132 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.008 $\pm$ 0.128 χ^2 /NDF: 1.3/2

asym_at2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 98.718 $\pm$ 0.093 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 298.991 $\pm$ 0.393 χ^2 /NDF: 516269.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

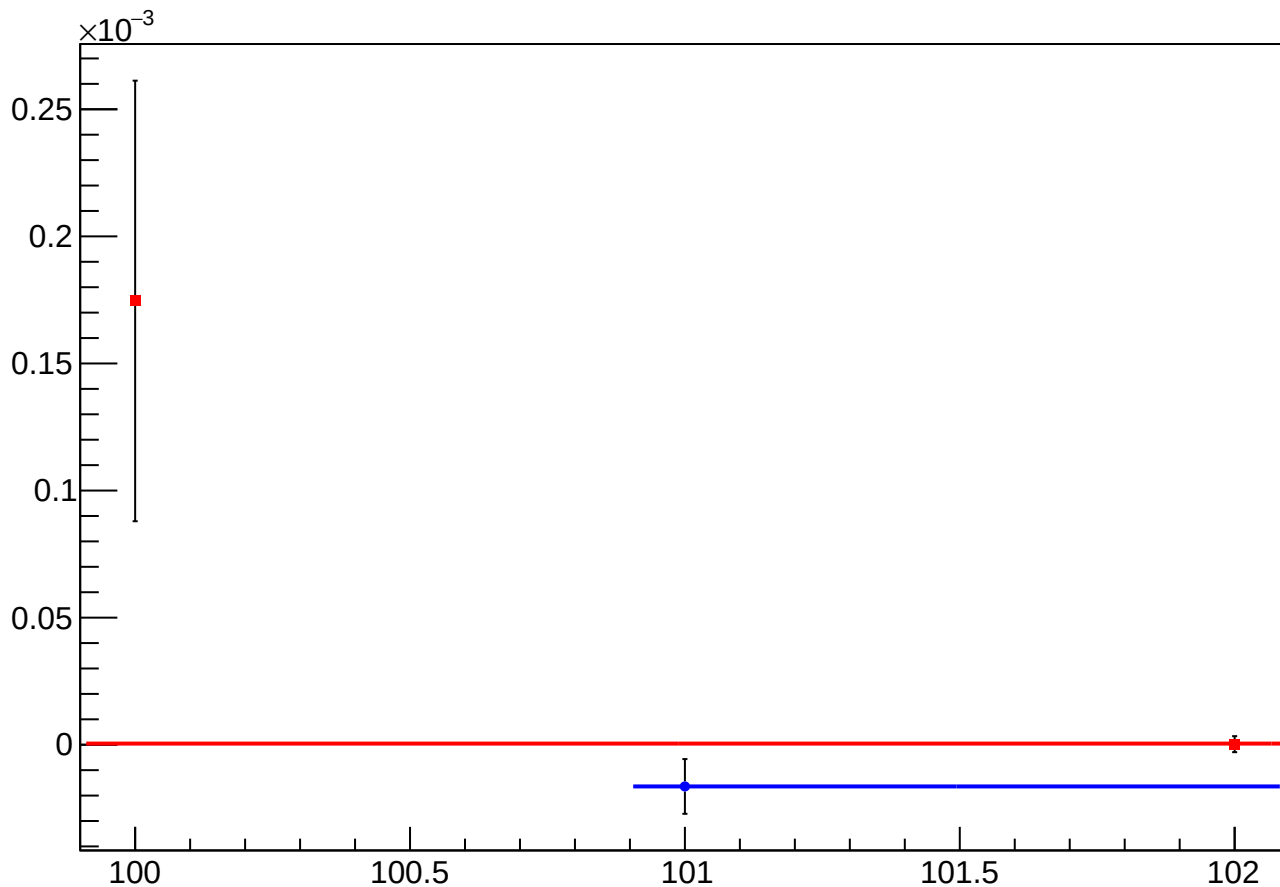
Right: 109.350 $\pm$ 0.091 χ^2 /NDF: 761635.4/2

In: 98.718 $\pm$ 0.093 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 109.350 $\pm$ 0.091 χ^2 /NDF: 761635.4/2

asym_at2_dd_eigen_dit_vs_dit_diff_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 : 4.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

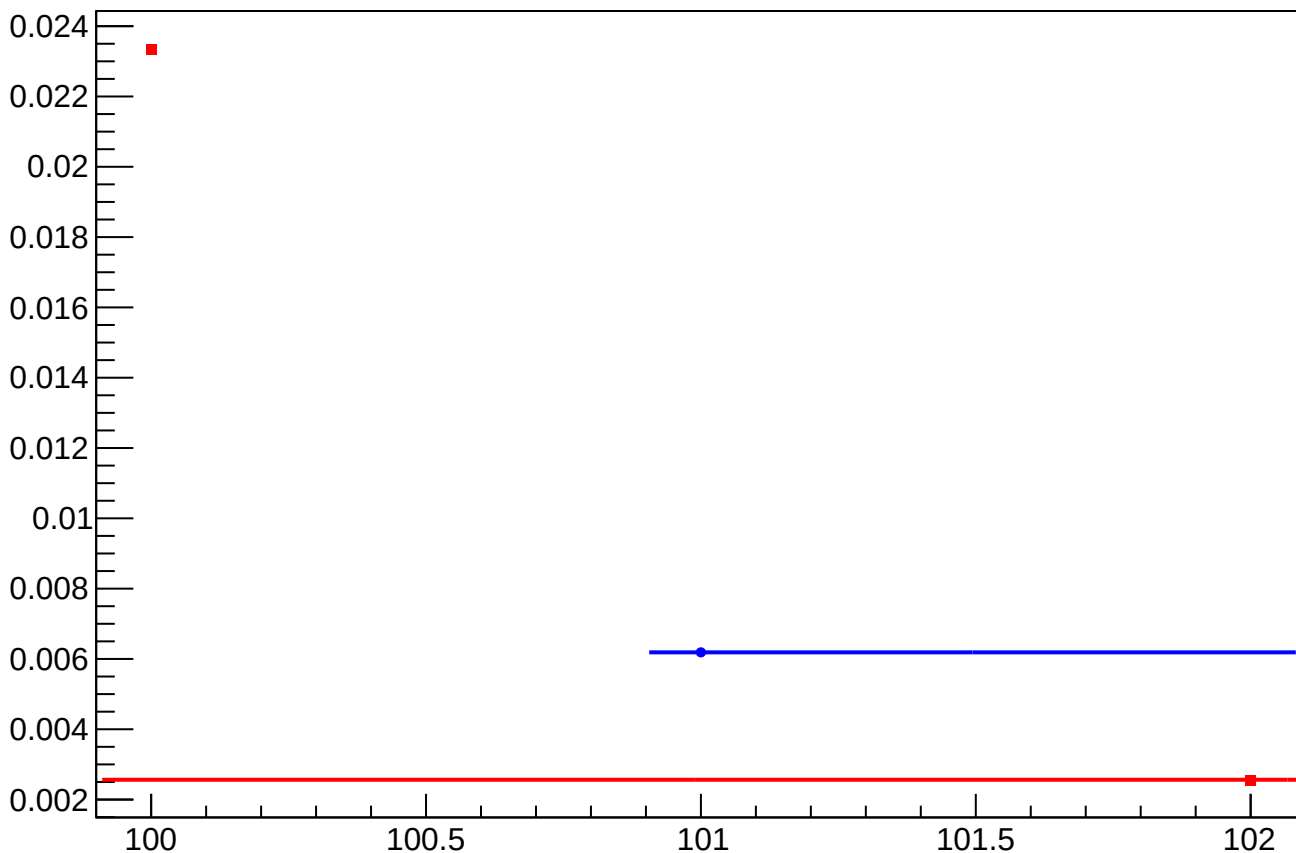
Right: -0.000+/-0.000 χ^2/NDF : 6.3/2

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 : 6.3/2

asym_at2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.003 $\pm$ 0.000 χ^2 /NDF: 114956.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

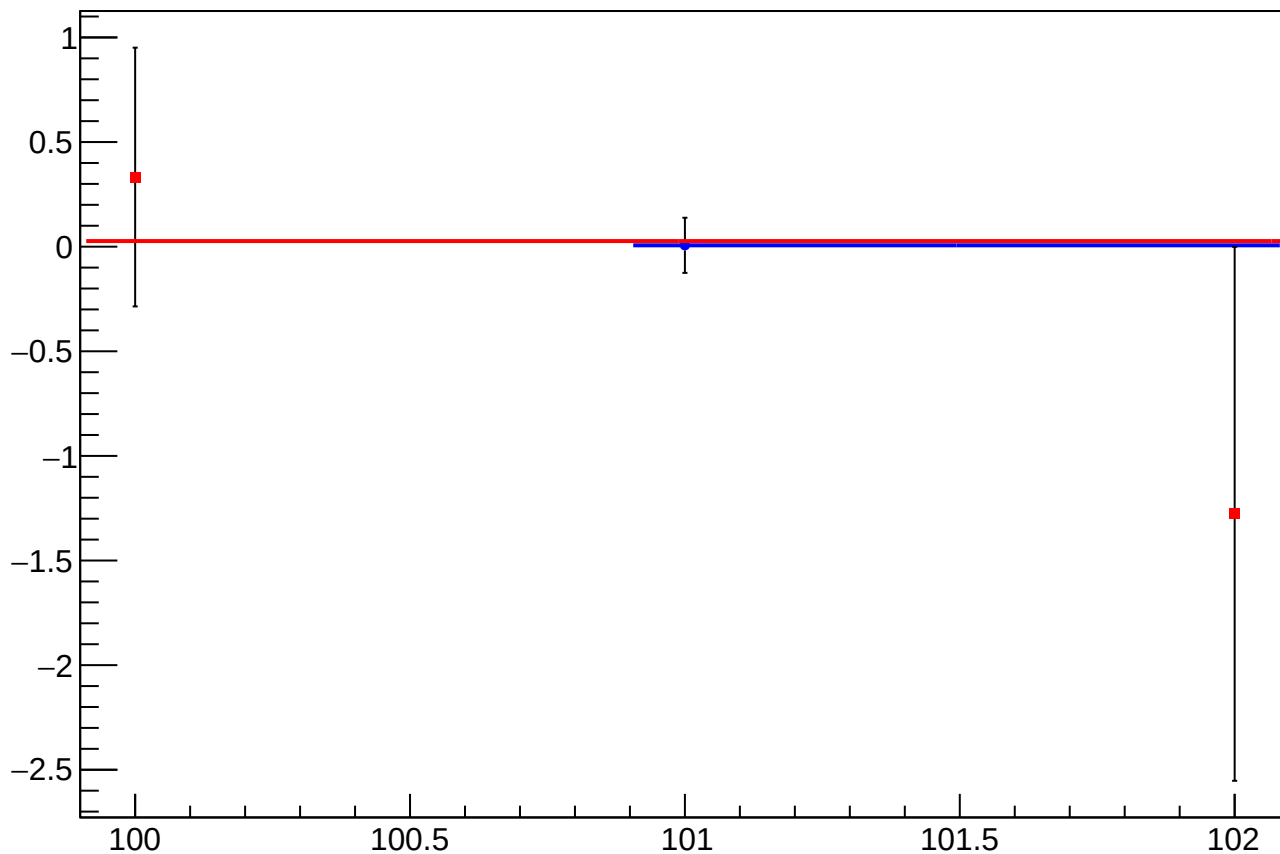
Right: 0.003 $\pm$ 0.000 χ^2 /NDF: 323806.1/2

In: 0.006 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.000 χ^2 /NDF: 323806.1/2

asym_at2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006 $\pm$ 0.132 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.027 $\pm$ 0.556 χ^2 /NDF: 1.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

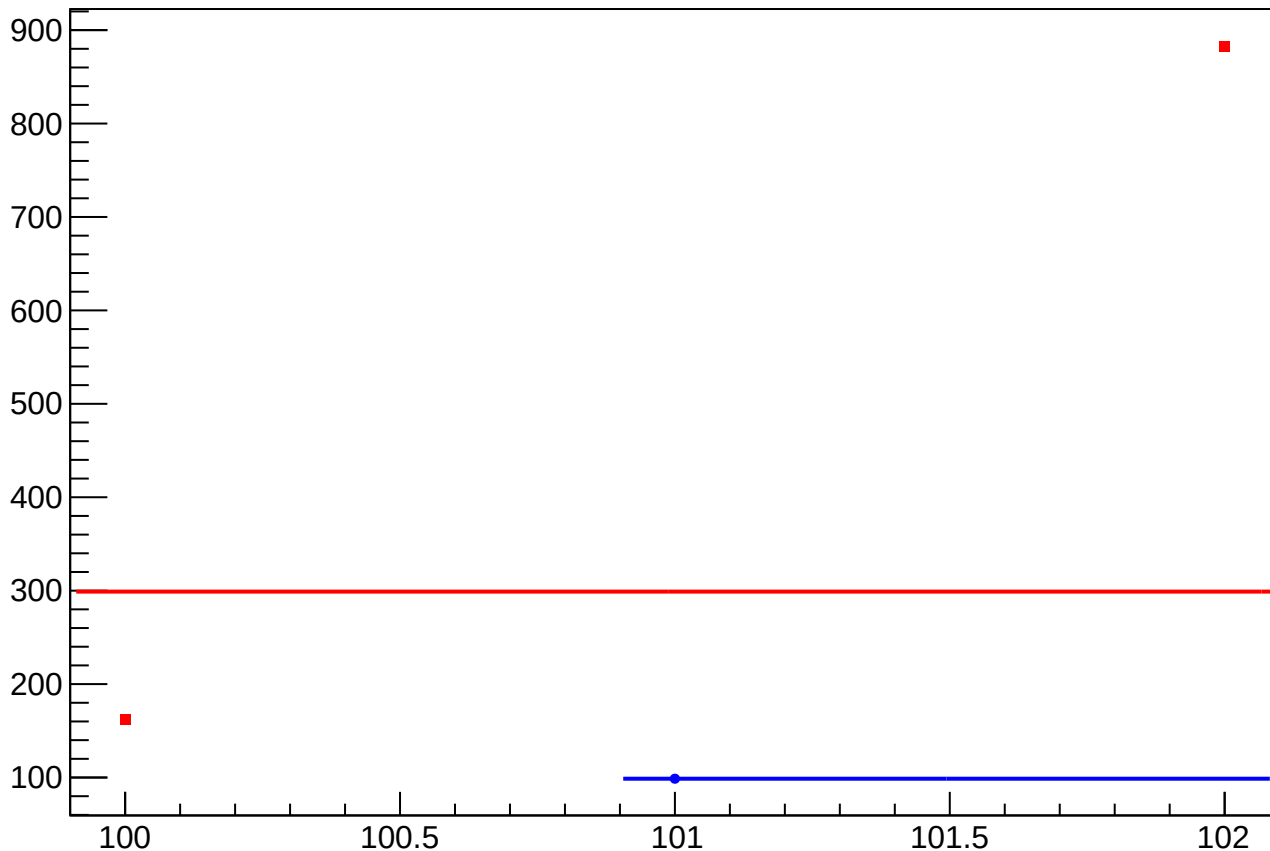
Right: 0.008 $\pm$ 0.128 χ^2 /NDF: 1.3/2

In: 0.006 $\pm$ 0.132 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.008 $\pm$ 0.128 χ^2 /NDF: 1.3/2

asym_at2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 98.723+/-0.093 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 298.998+/-0.393 χ^2/NDF : 516261.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

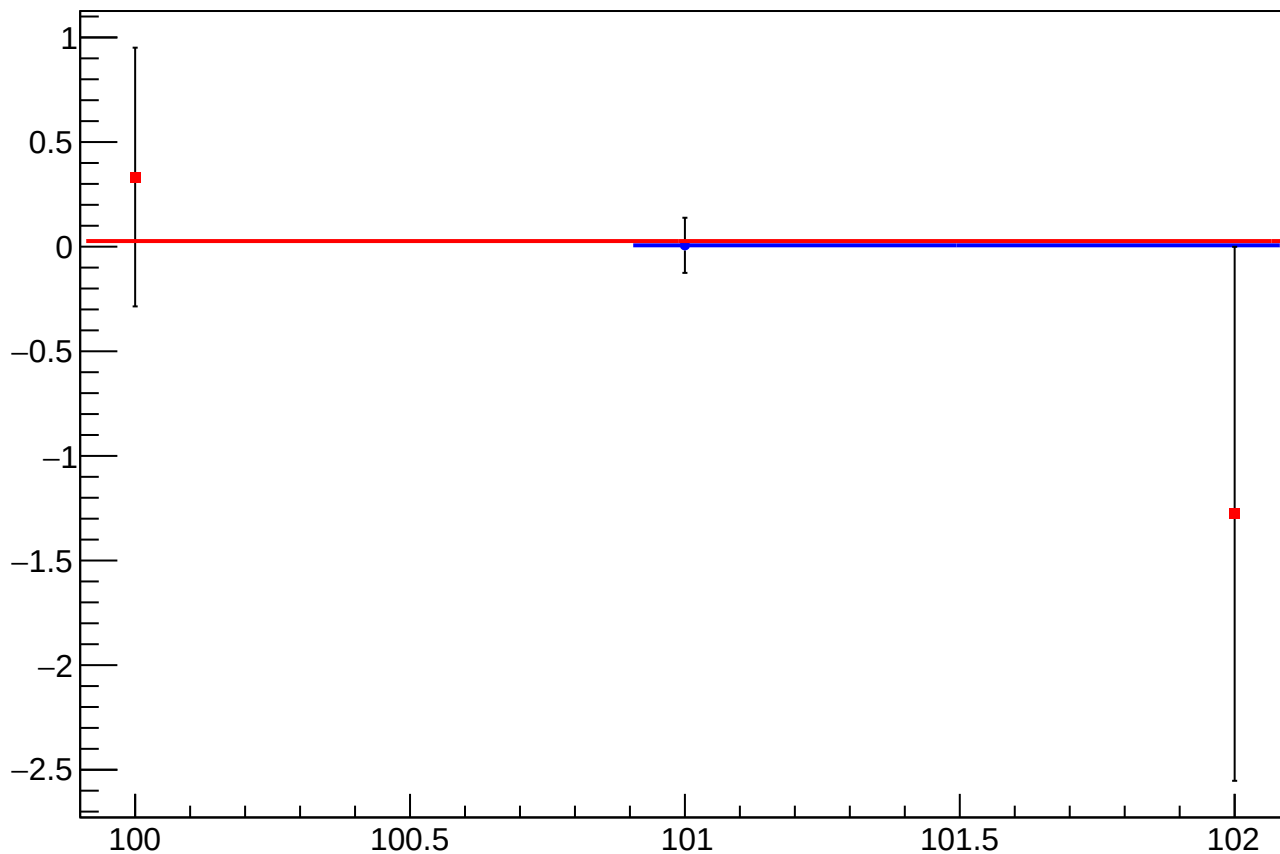
Right: 109.355+/-0.091 χ^2/NDF : 761624.3/2

In: 98.723+/-0.093 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.355+/-0.091 χ^2/NDF : 761624.3/2

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006+/-0.132 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.027+/-0.556 χ^2/NDF : 1.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

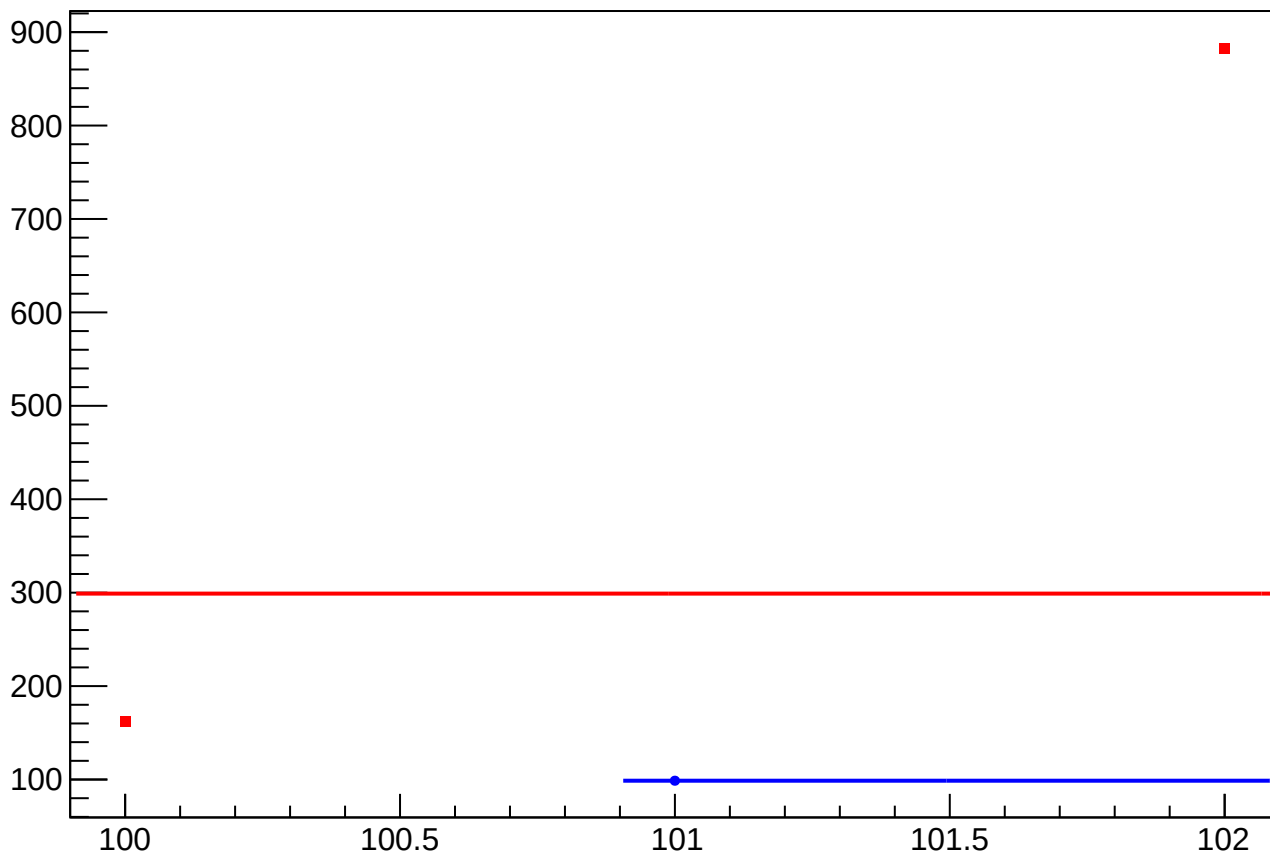
Right: 0.008+/-0.128 χ^2/NDF : 1.3/2

In: 0.006+/-0.132 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.128 χ^2/NDF : 1.3/2

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 98.723+/-0.093 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 298.998+/-0.393 χ^2/NDF : 516261.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

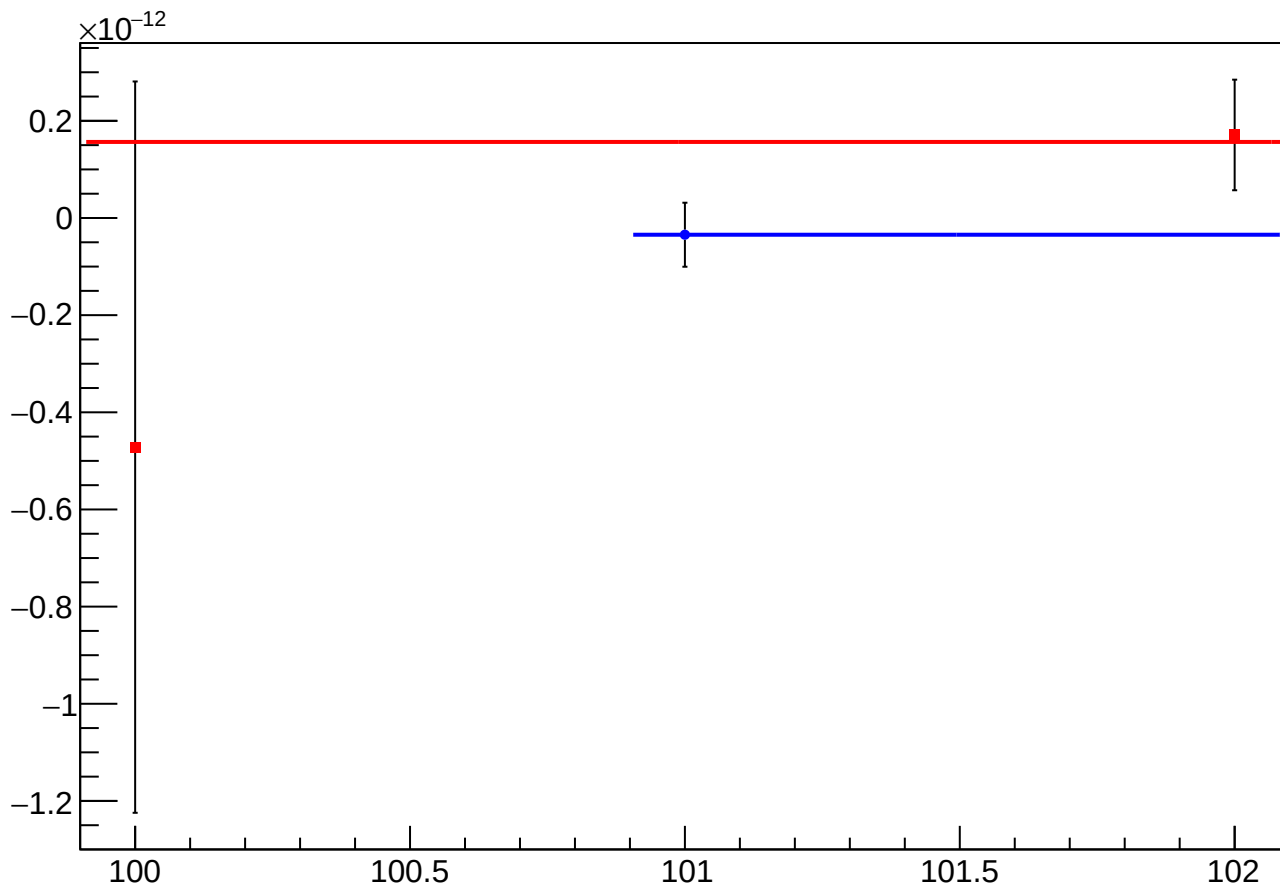
Right: 109.355+/-0.091 χ^2/NDF : 761624.3/2

In: 98.723+/-0.093 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.355+/-0.091 χ^2/NDF : 761624.3/2

asym_at2_dd_eigen_cor_vs_cor_diff_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 : 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

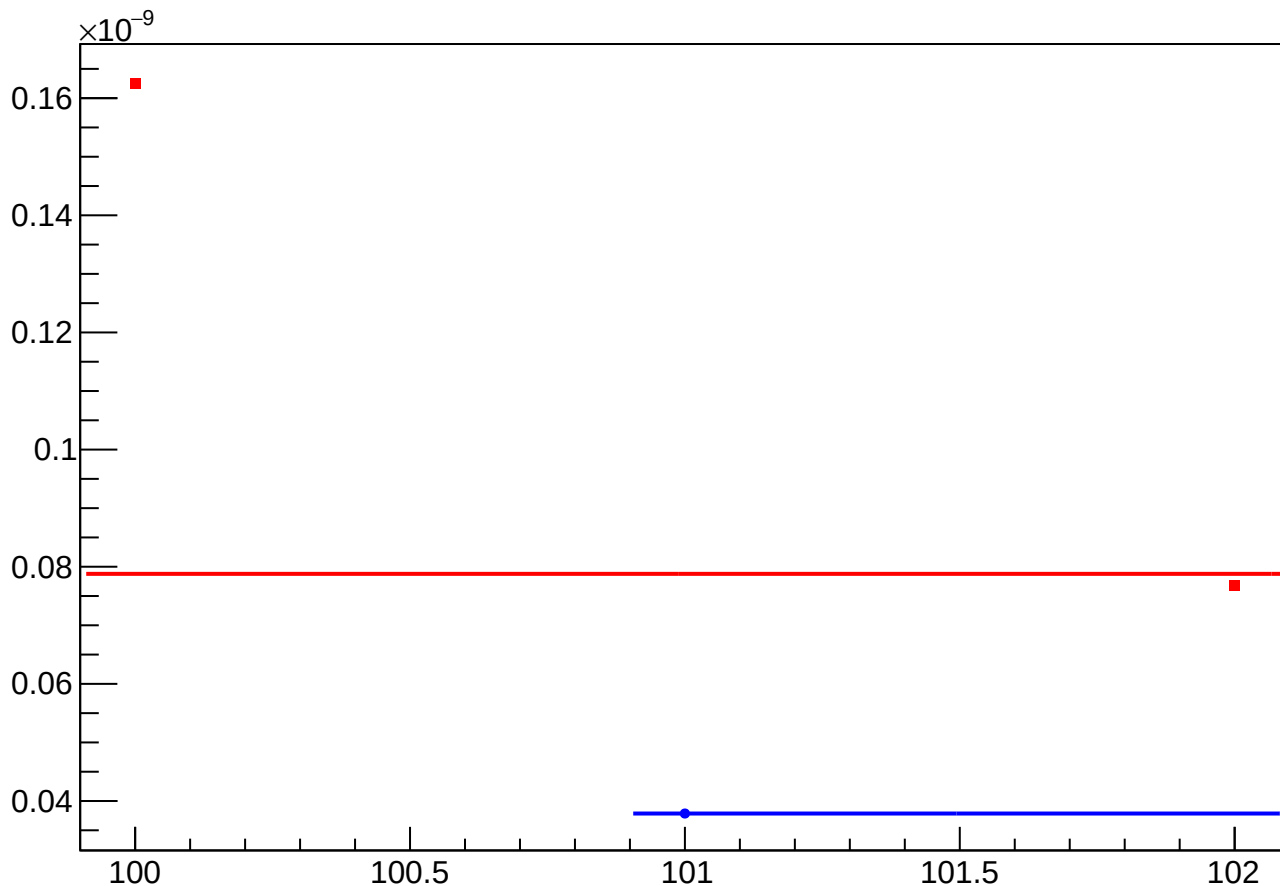
Right: 0.000+/-0.000 χ^2/NDF : 2.9/2

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 : 2.9/2

asym_at2_dd_eigen_cor_vs_cor_diff_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 : 25276.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

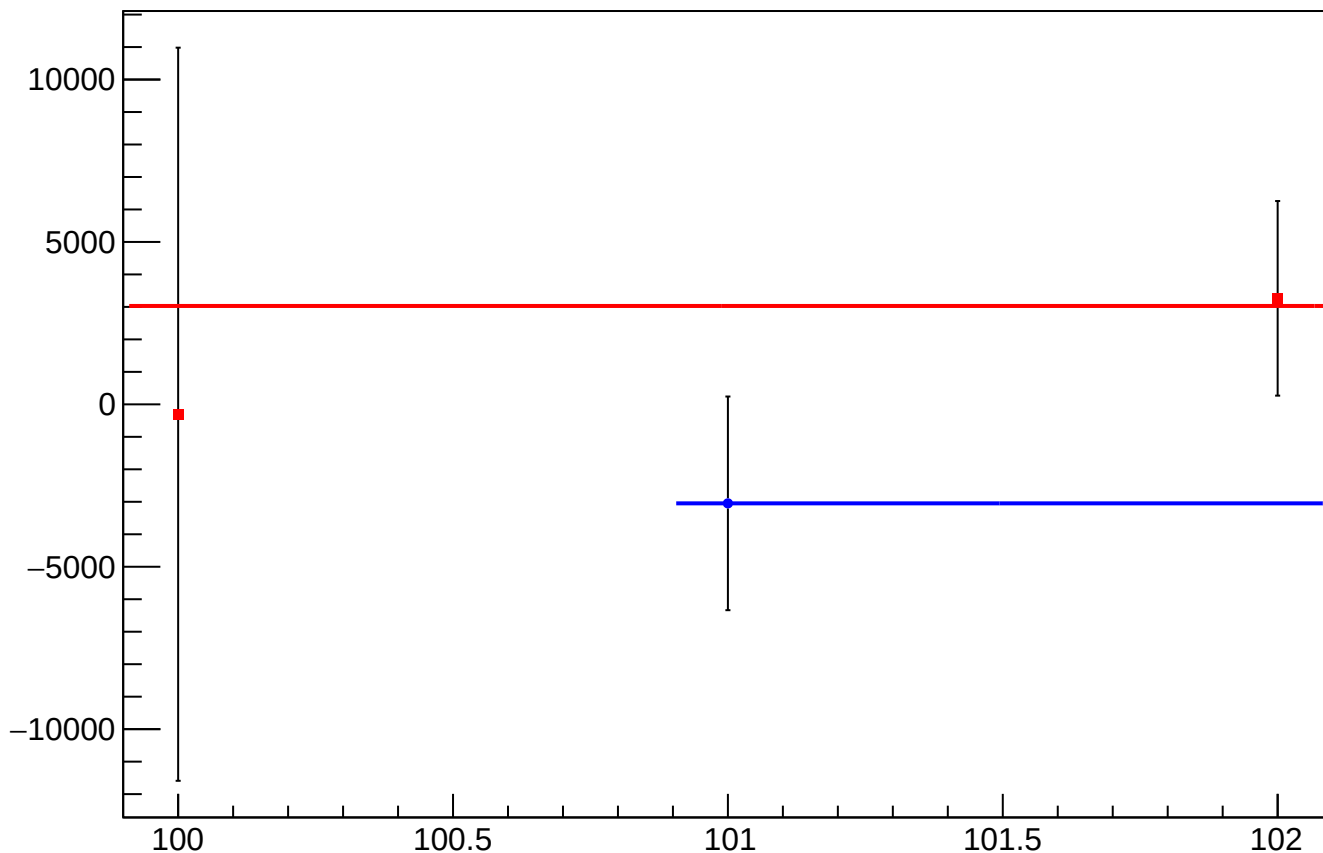
Right: 0.000+/-0.000 χ^2/NDF : 222196.0/2

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 : 222196.0/2

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: -3048.080 $\pm$ 3289.006 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3029.135 $\pm$ 2895.463 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

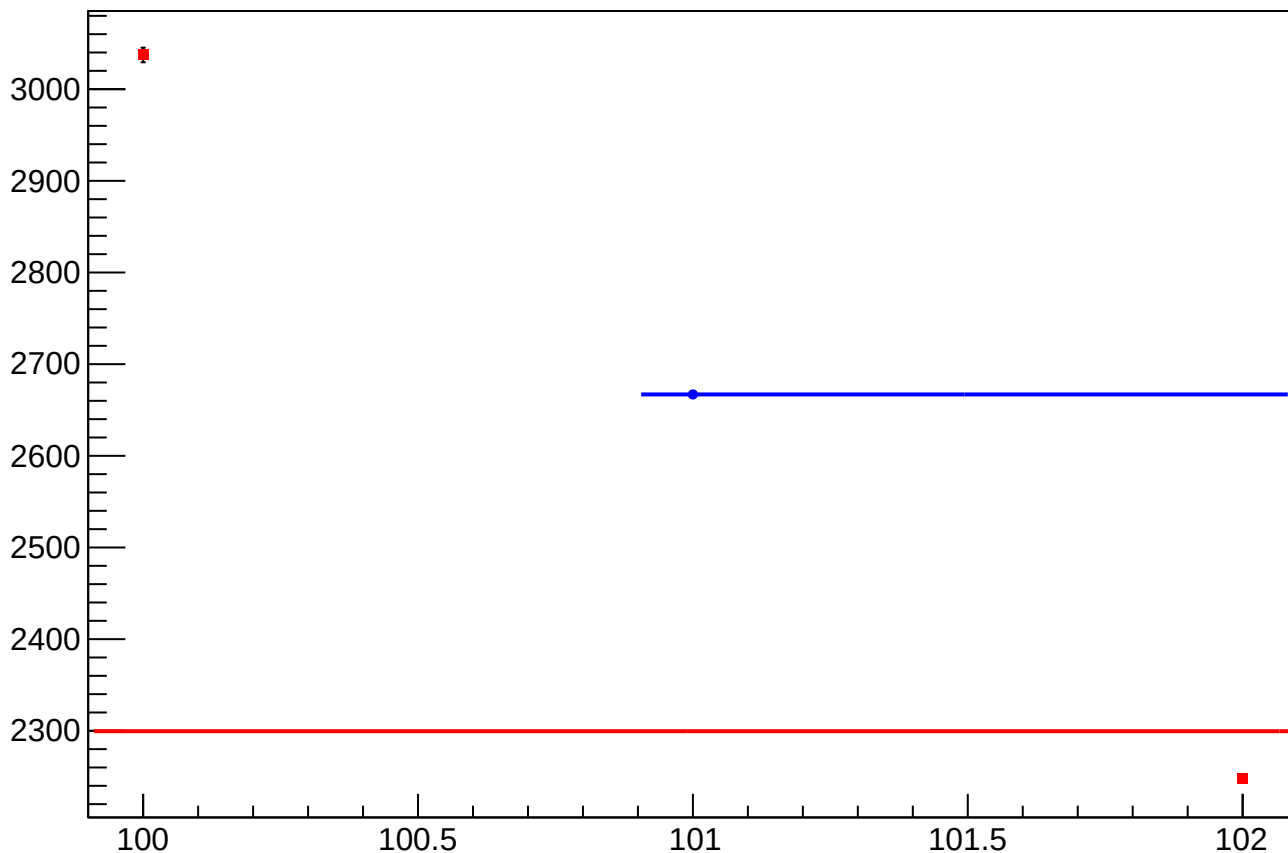
Right: 375.685 $\pm$ 2173.290 χ^2 /NDF: 2.0/2

In: -3048.080 $\pm$ 3289.006 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 375.685 $\pm$ 2173.290 χ^2 /NDF: 2.0/2

reg_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 2666.973+/-2.326 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2299.572+/-2.047 χ^2/NDF : 9148.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

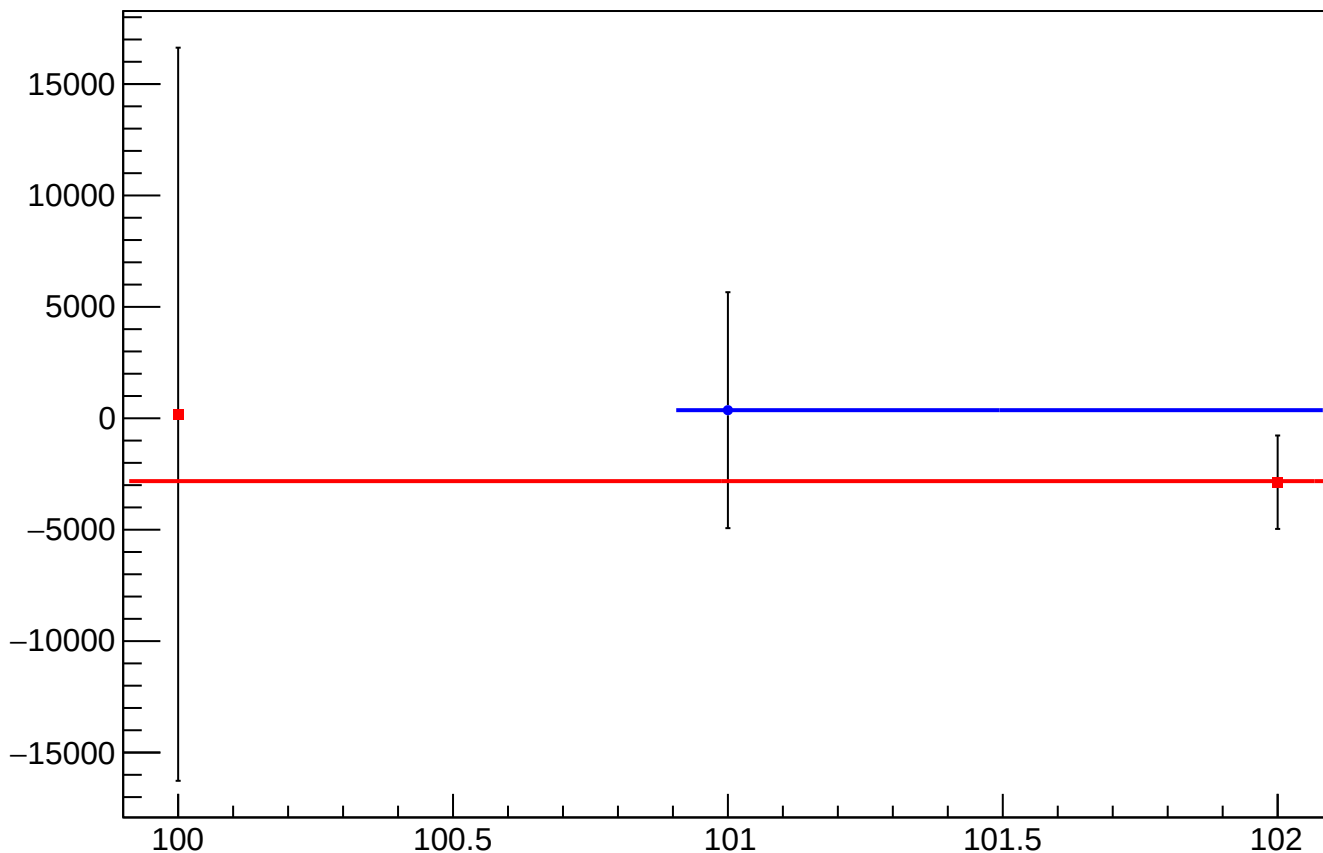
Right: 2459.987+/-1.537 χ^2/NDF : 23208.2/2

In: 2666.973+/-2.326 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2459.987+/-1.537 χ^2/NDF : 23208.2/2

asym_atl1r2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 364.500+/-5294.435 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2819.843+/-2079.602 χ^2 /NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

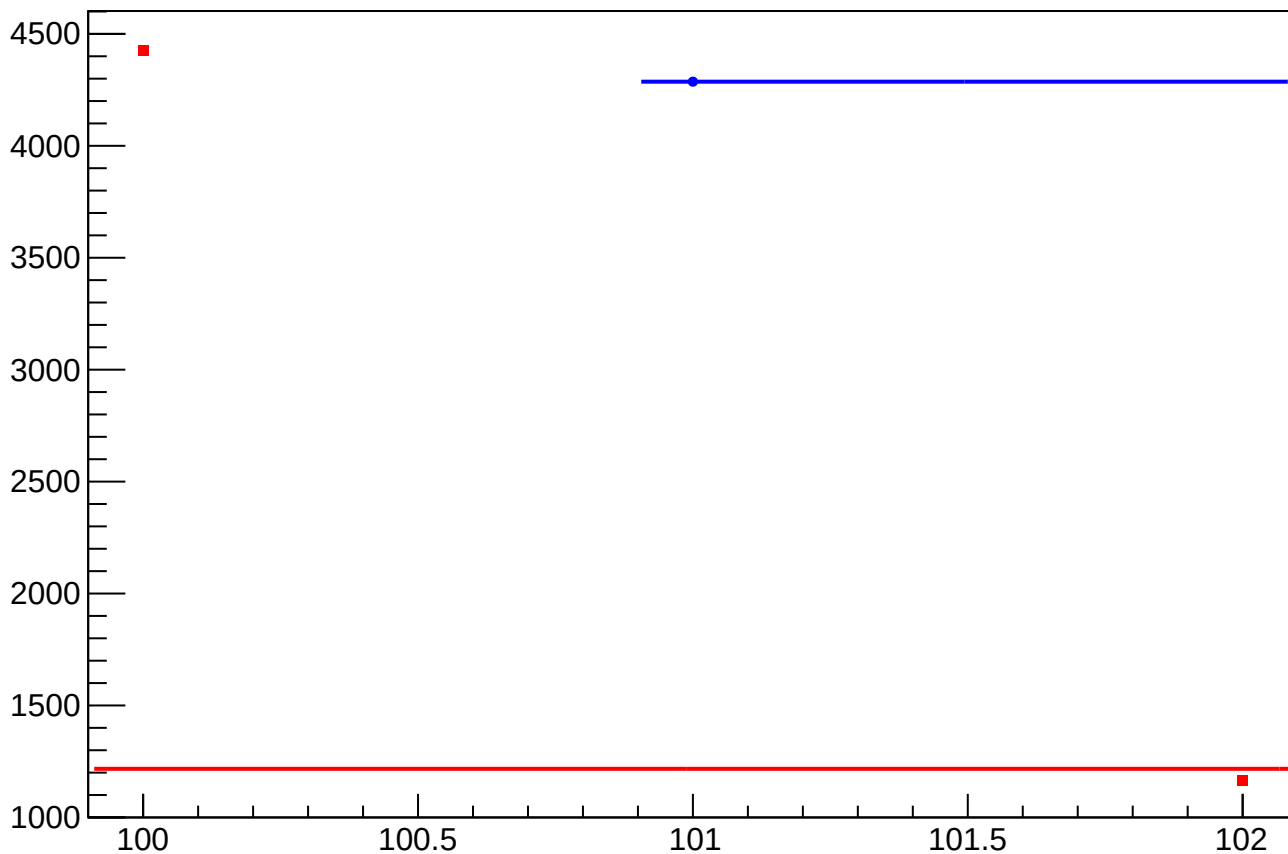
Right: -2394.217+/-1935.637 χ^2 /NDF: 0.3/2

In: 364.500+/-5294.435 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2394.217+/-1935.637 χ^2 /NDF: 0.3/2

asym_atl1r2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 4286.556 $\pm$ 3.744 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1217.091 $\pm$ 1.471 χ^2 /NDF: 77373.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

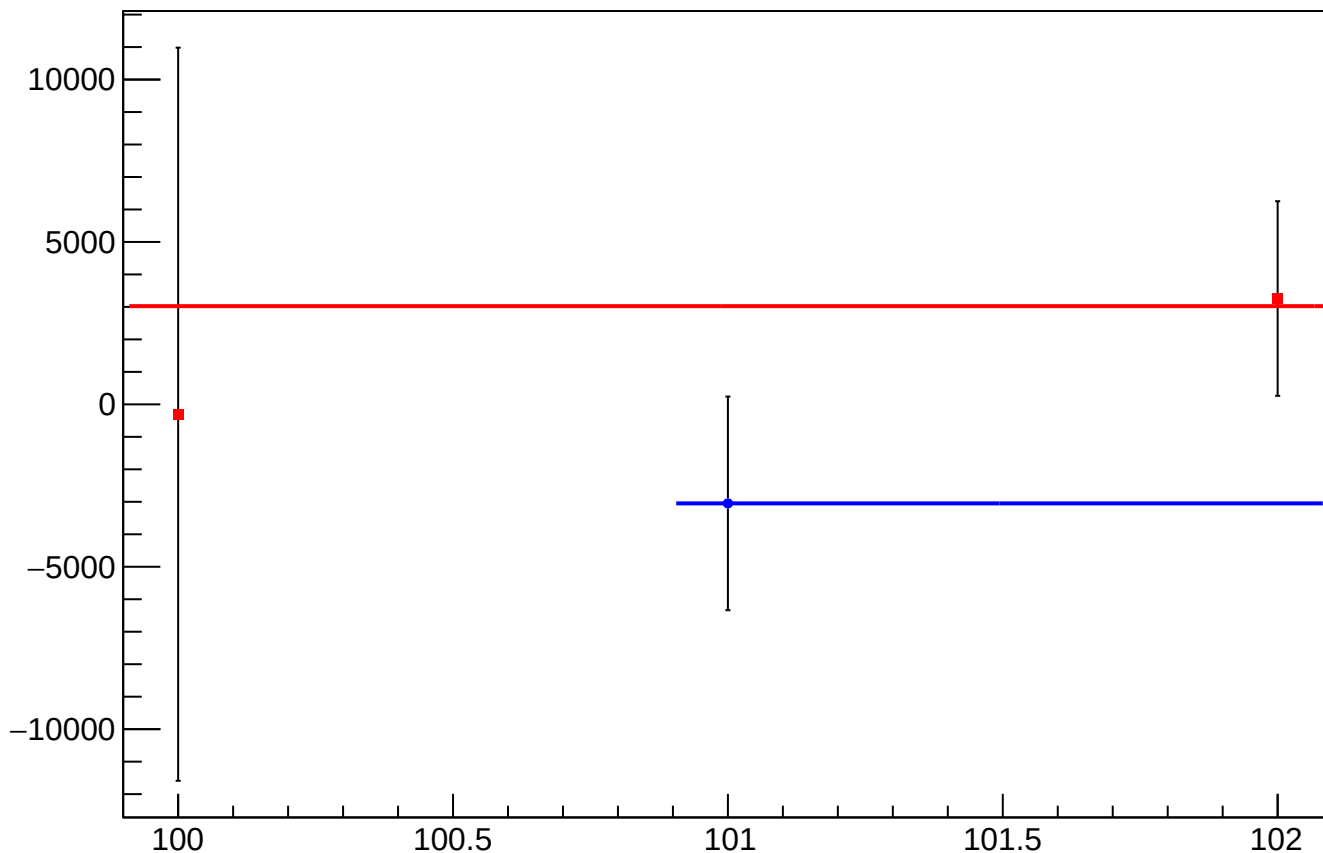
Right: 1627.362 $\pm$ 1.369 χ^2 /NDF: 659749.3/2

In: 4286.556 $\pm$ 3.744 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1627.362 $\pm$ 1.369 χ^2 /NDF: 659749.3/2

cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: -3048.390 $\pm$ 3289.006 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3023.687 $\pm$ 2895.471 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

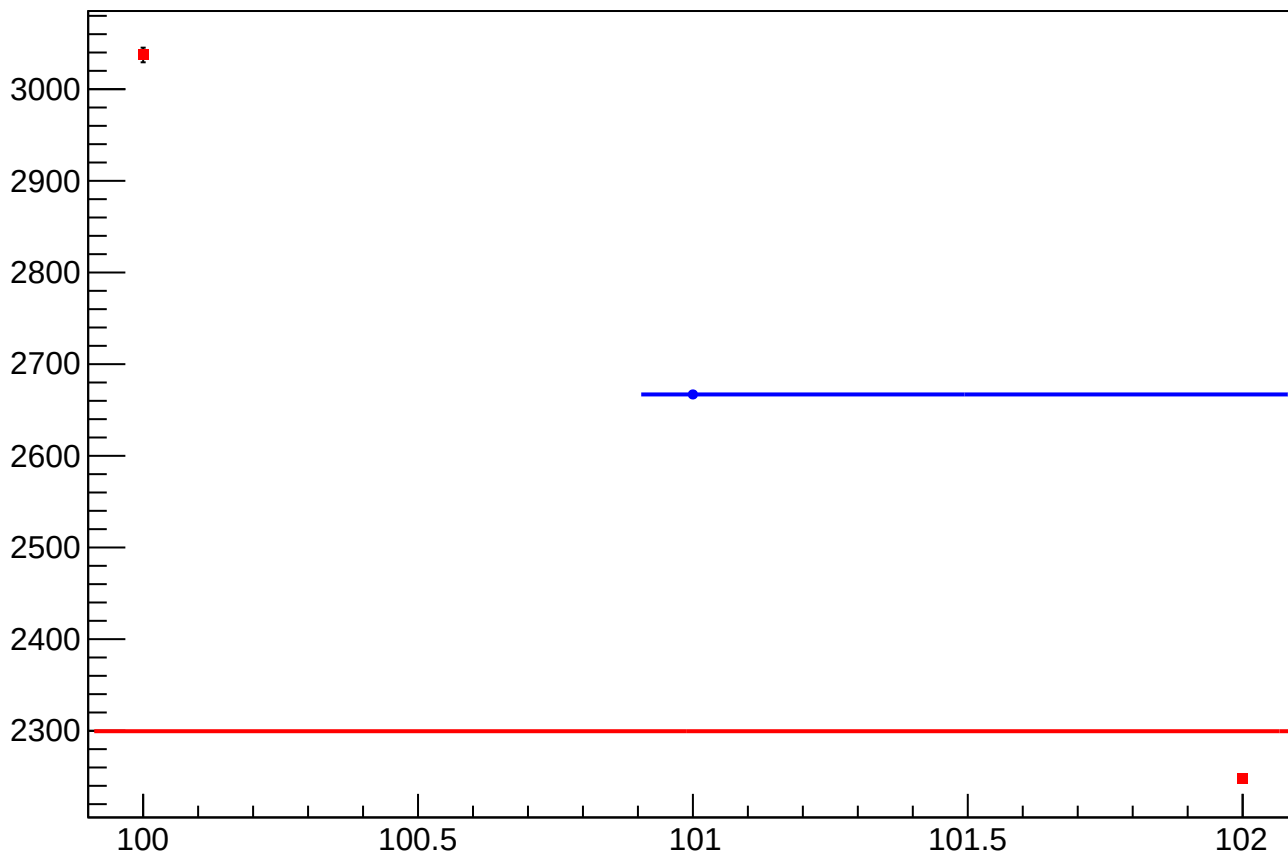
Right: 372.473 $\pm$ 2173.294 χ^2 /NDF: 2.0/2

In: -3048.390 $\pm$ 3289.006 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 372.473 $\pm$ 2173.294 χ^2 /NDF: 2.0/2

cor_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 2666.973 $\pm$ 2.326 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 2299.575 $\pm$ 2.047 χ^2/NDF : 9148.3/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

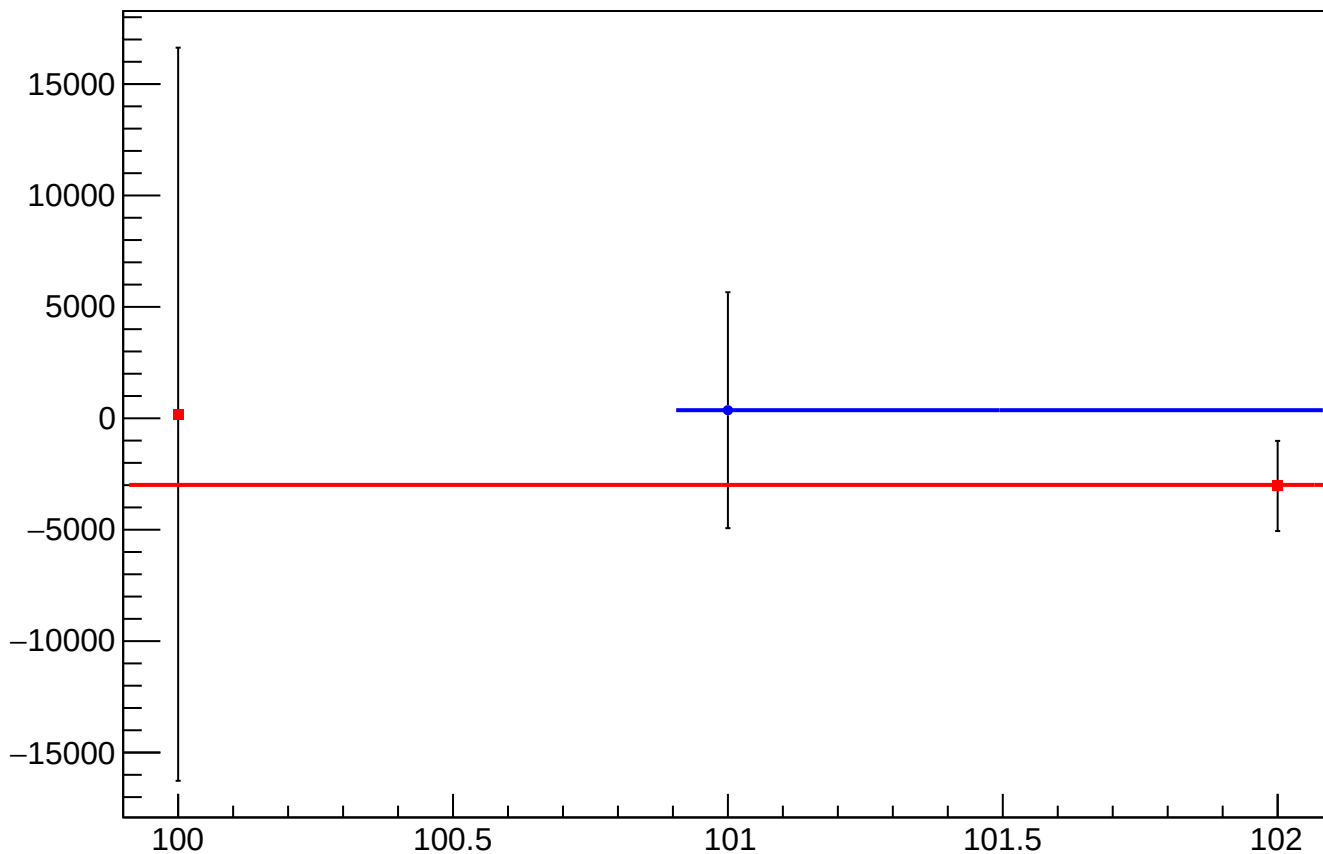
Right: 2459.989 $\pm$ 1.537 χ^2/NDF : 23207.9/2

In: 2666.973 $\pm$ 2.326 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 2459.989 $\pm$ 1.537 χ^2/NDF : 23207.9/2

asym_atl1r2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 364.308+/-5294.437 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2988.793+/-2008.293 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

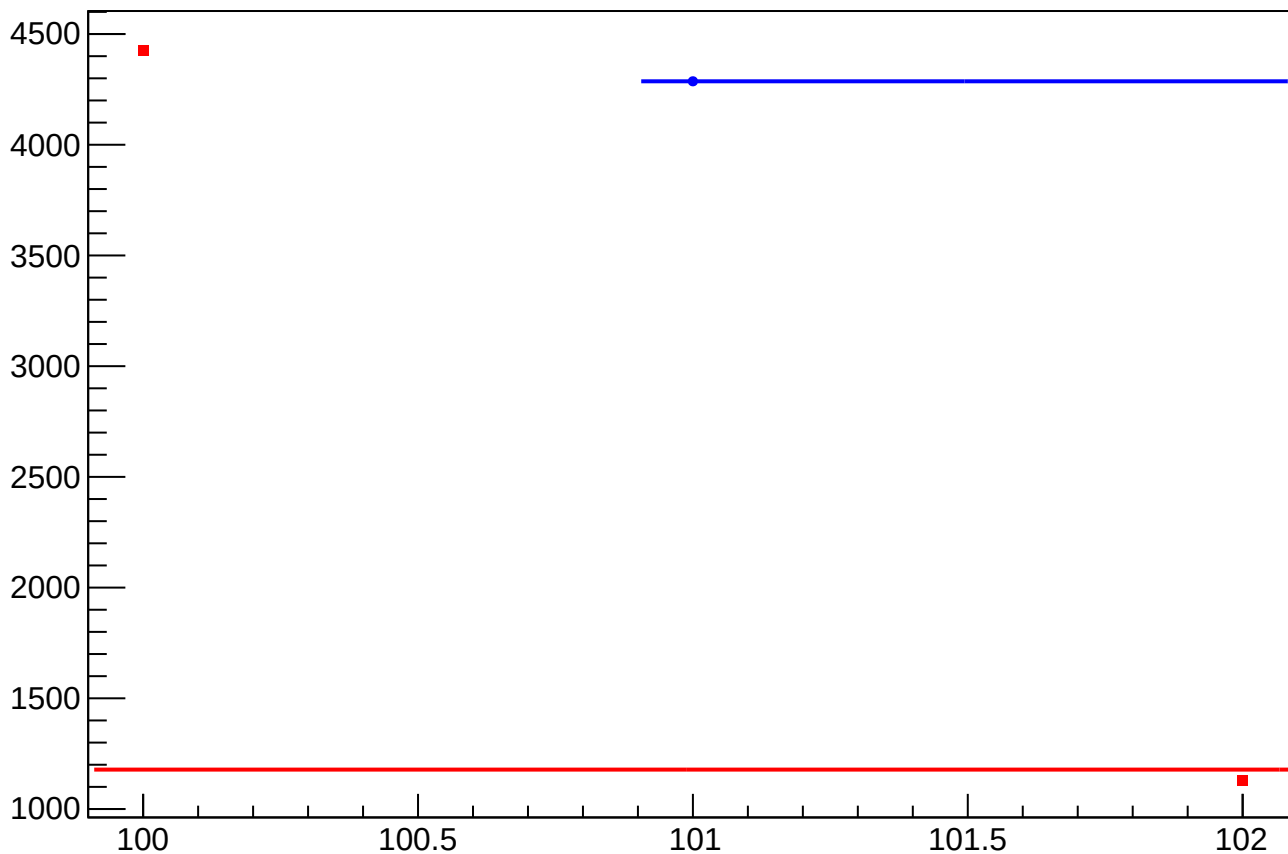
Right: -2567.020+/-1877.742 χ^2/NDF : 0.4/2

In: 364.308+/-5294.437 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2567.020+/-1877.742 χ^2/NDF : 0.4/2

asym_atl1r2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 4286.558 $\pm$ 3.744 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1178.048 $\pm$ 1.420 χ^2 /NDF: 79180.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

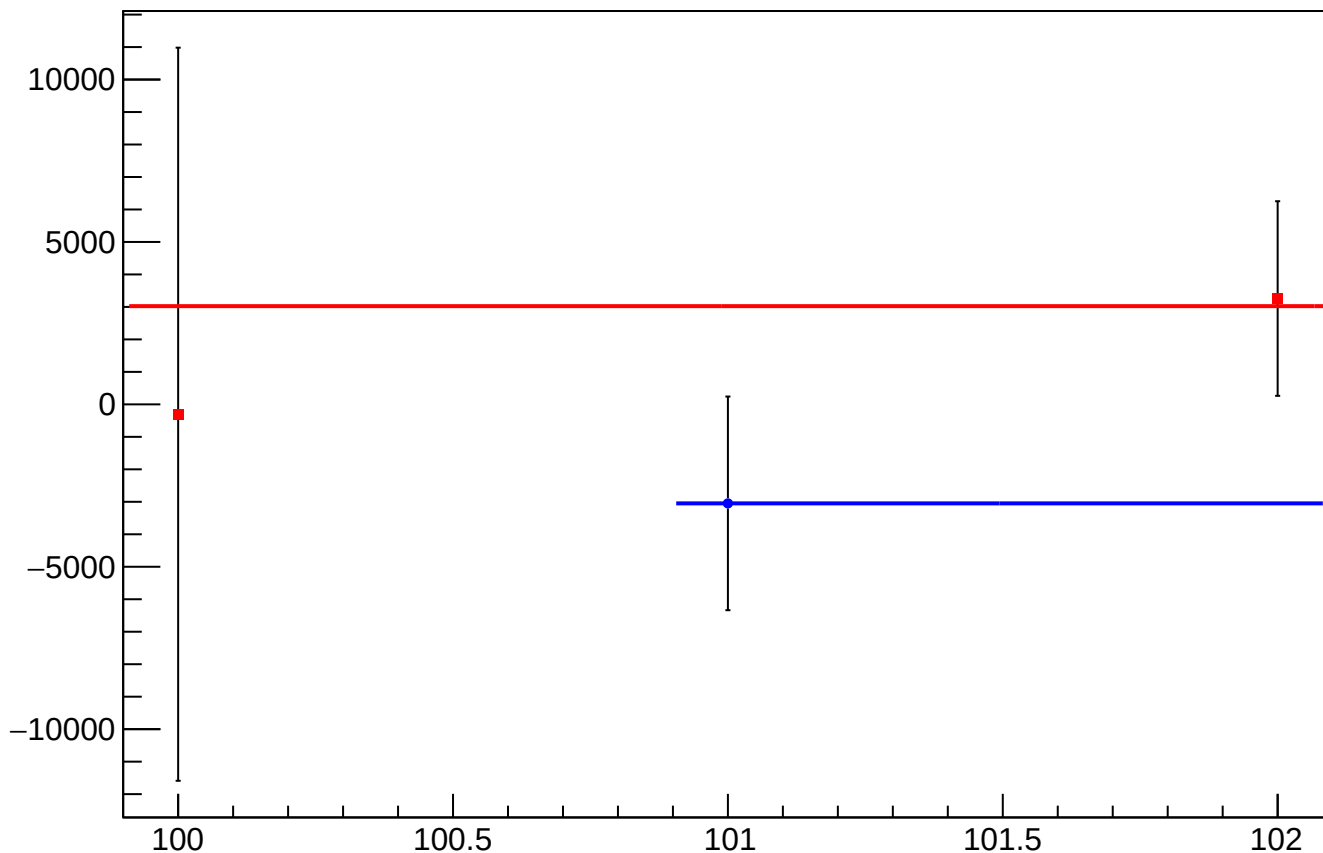
Right: 1569.055 $\pm$ 1.328 χ^2 /NDF: 681896.0/2

In: 4286.558 $\pm$ 3.744 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1569.055 $\pm$ 1.328 χ^2 /NDF: 681896.0/2

eigen_cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: -3048.390+/-3289.006 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3023.687+/-2895.471 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

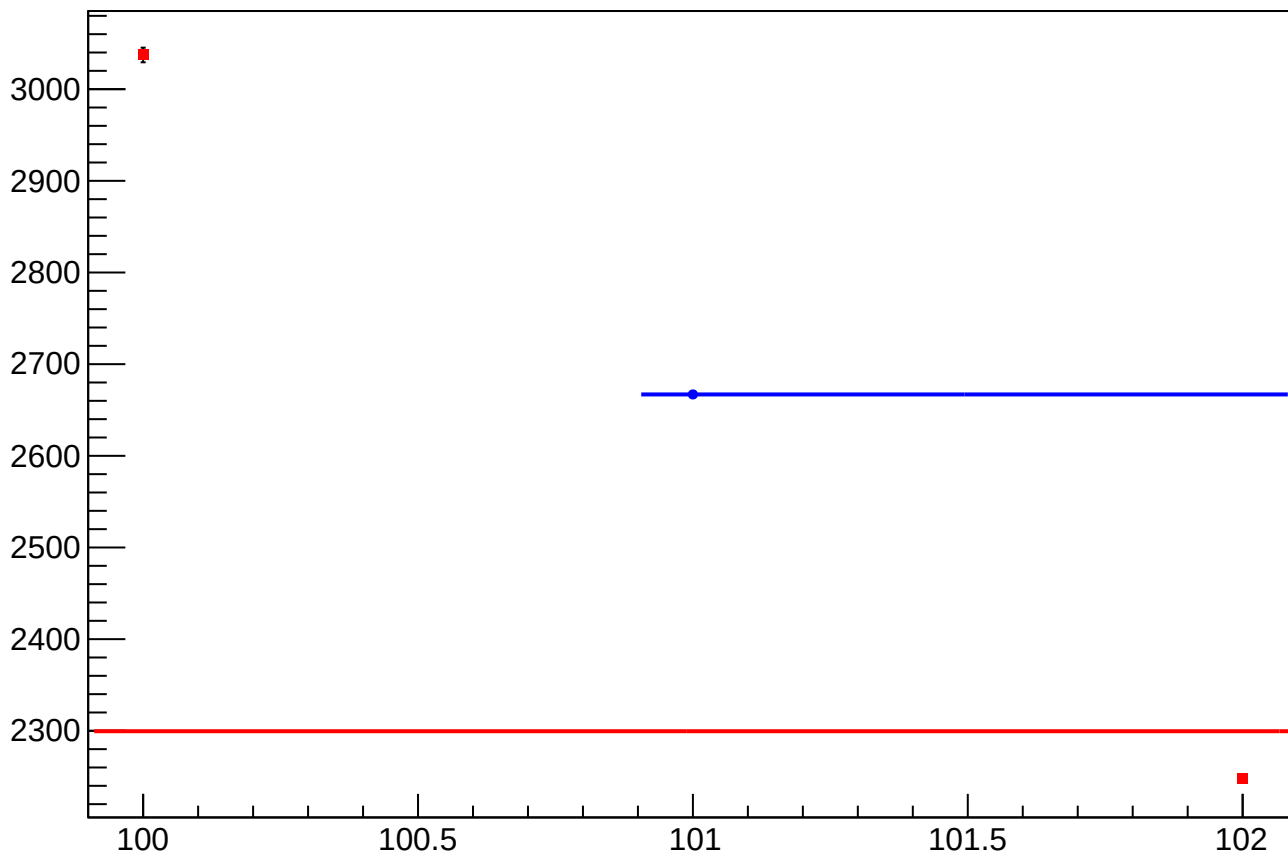
Right: 372.473+/-2173.294 χ^2/NDF : 2.0/2

In: -3048.390+/-3289.006 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 372.473+/-2173.294 χ^2/NDF : 2.0/2

eigen_cor_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 2666.973 $\pm$ 2.326 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2299.575 $\pm$ 2.047 χ^2 /NDF: 9148.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

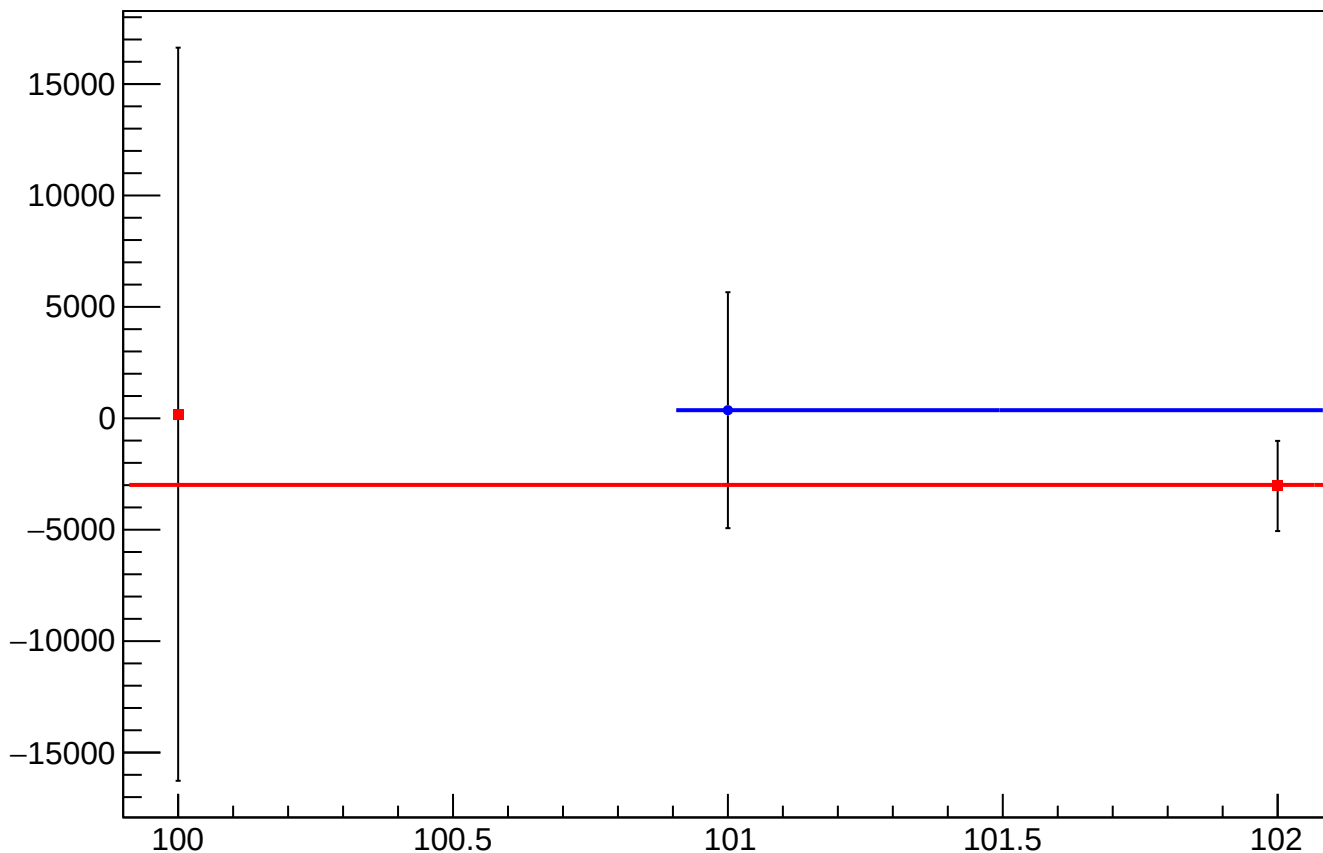
Right: 2459.989 $\pm$ 1.537 χ^2 /NDF: 23207.9/2

In: 2666.973 $\pm$ 2.326 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2459.989 $\pm$ 1.537 χ^2 /NDF: 23207.9/2

asym_atl1r2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 364.308+/-5294.437 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2988.793+/-2008.293 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

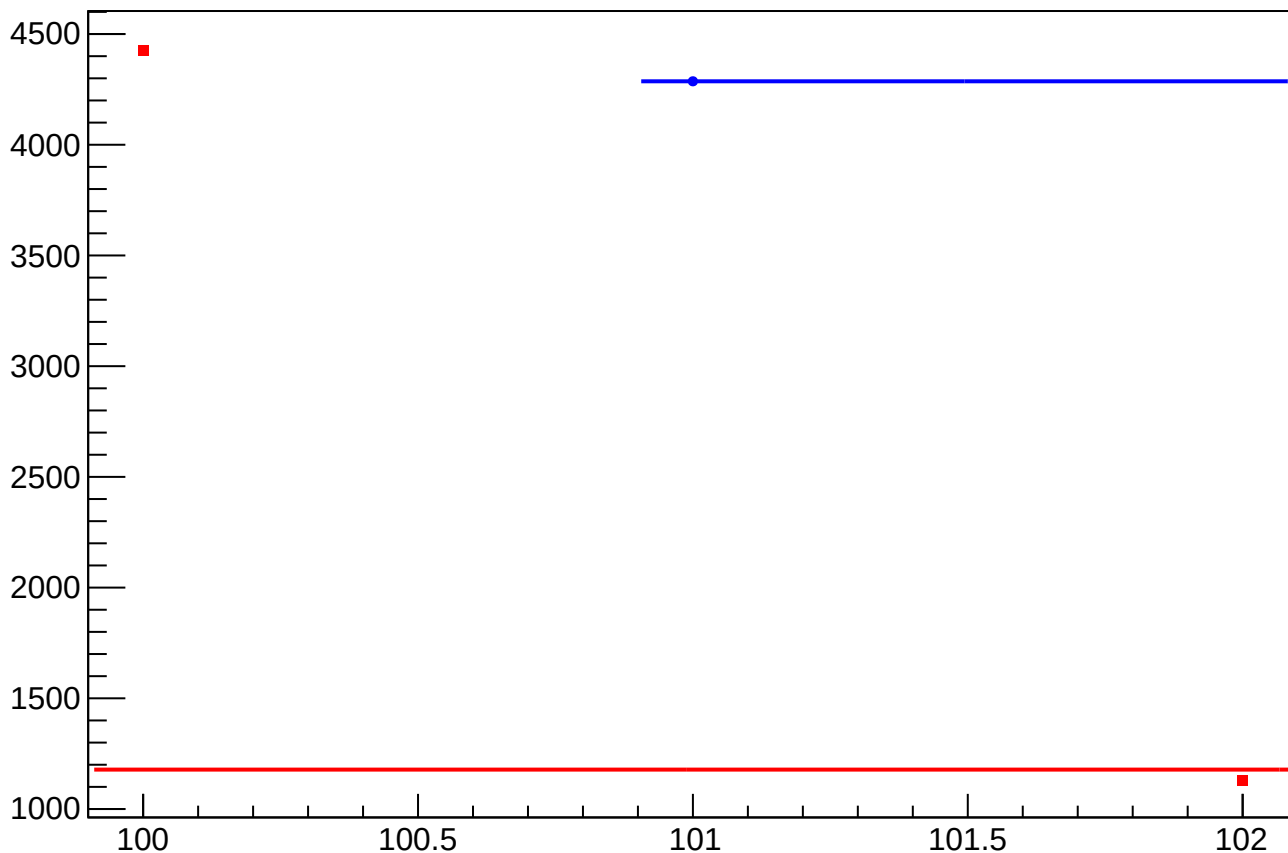
Right: -2567.020+/-1877.742 χ^2/NDF : 0.4/2

In: 364.308+/-5294.437 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2567.020+/-1877.742 χ^2/NDF : 0.4/2

asym_atl1r2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4286.558 $\pm$ 3.744 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1178.048 $\pm$ 1.420 χ^2 /NDF: 79180.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

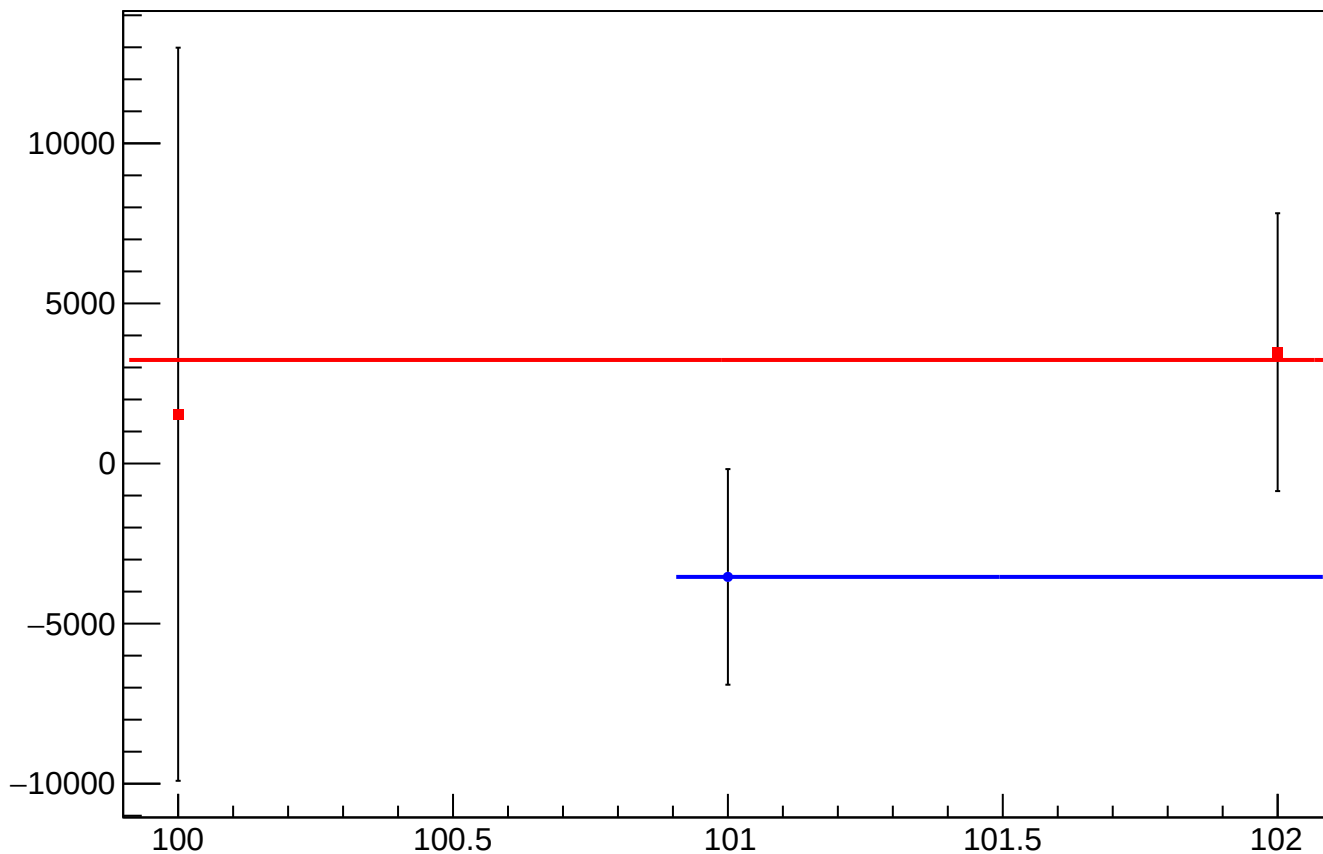
Right: 1569.055 $\pm$ 1.328 χ^2 /NDF: 681896.0/2

In: 4286.558 $\pm$ 3.744 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1569.055 $\pm$ 1.328 χ^2 /NDF: 681896.0/2

dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: -3541.162 $\pm$ 3367.158 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 3234.520 $\pm$ 4057.325 χ^2/NDF : 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

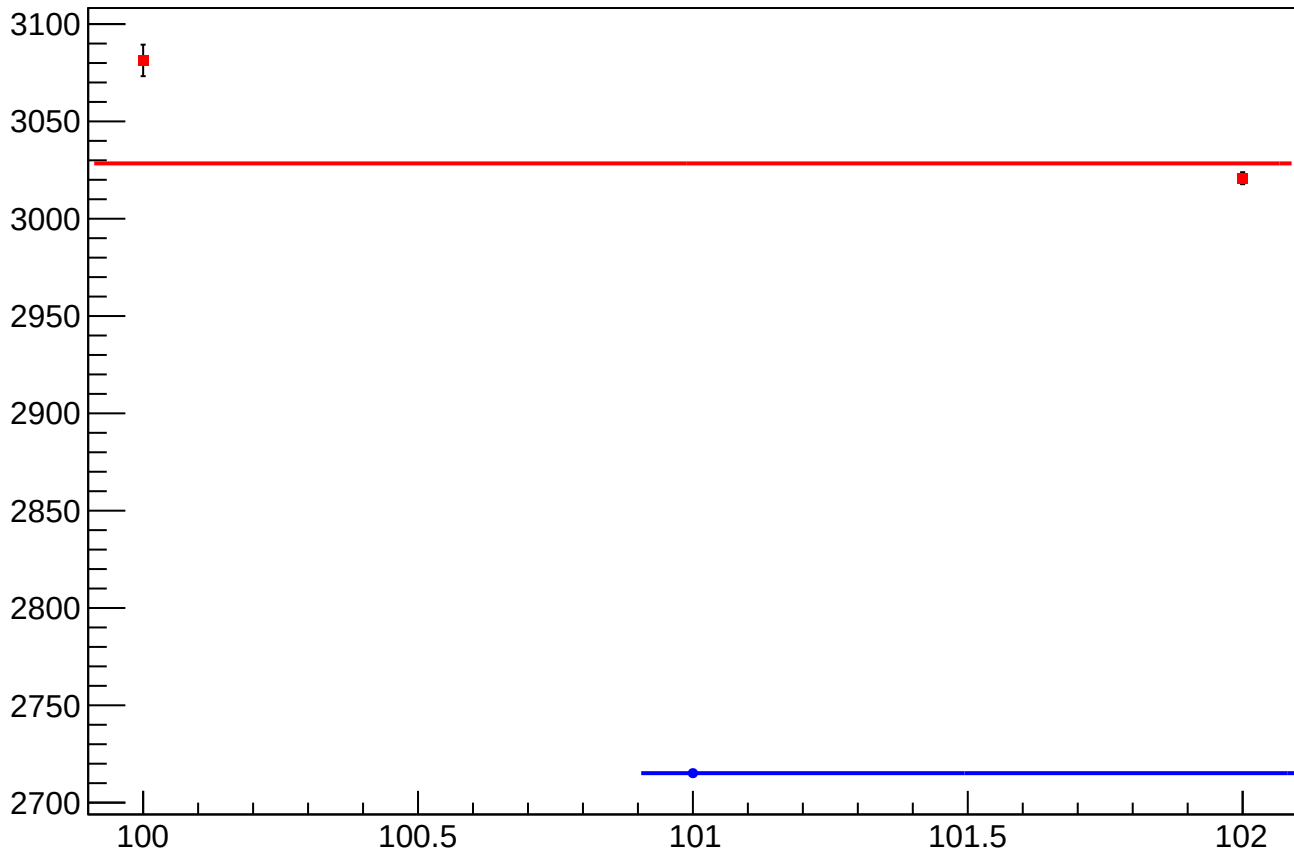
Right: -777.781 $\pm$ 2591.097 χ^2/NDF : 1.7/2

In: -3541.162 $\pm$ 3367.158 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -777.781 $\pm$ 2591.097 χ^2/NDF : 1.7/2

dit_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 2715.135+/-2.381 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 3028.422+/-2.869 χ^2 /NDF: 48.8/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

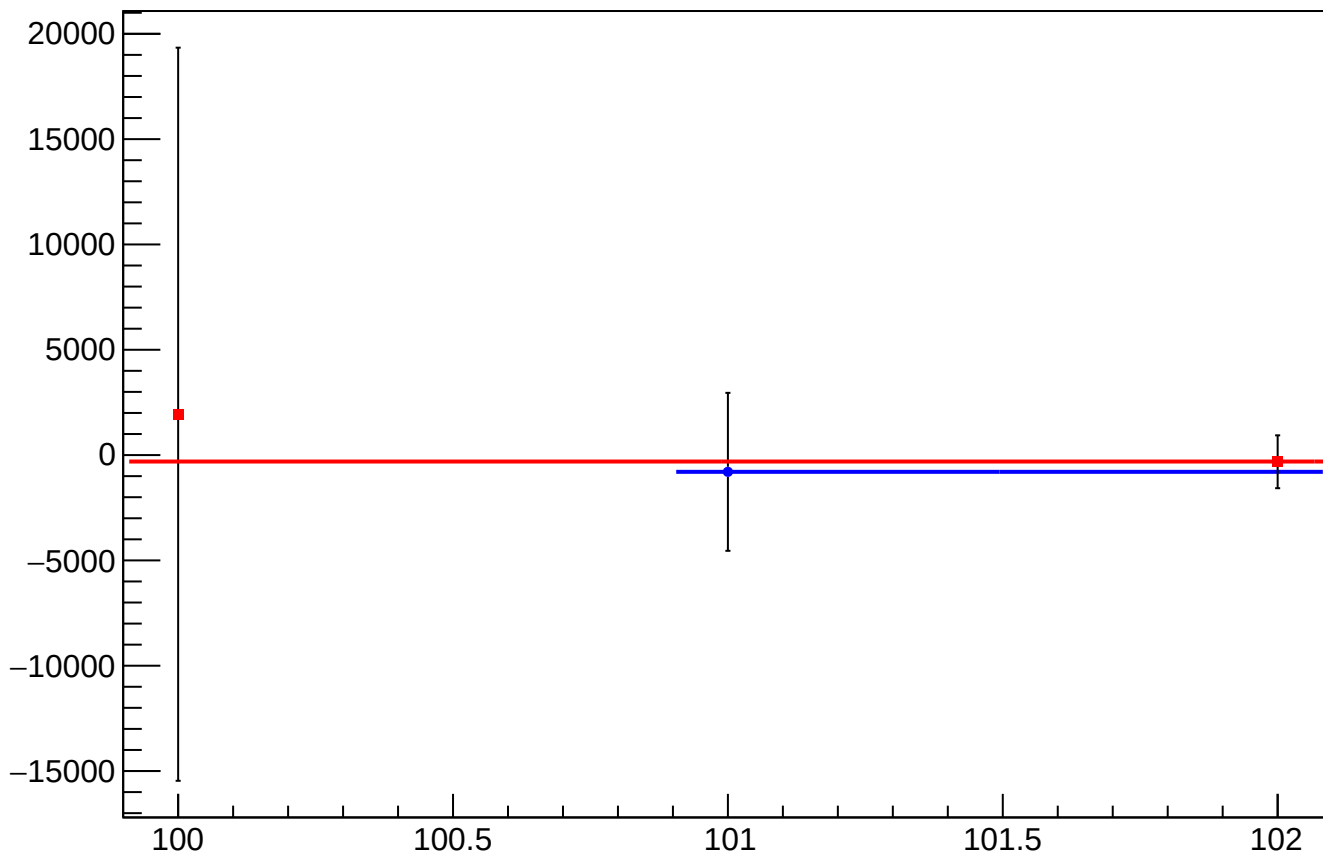
Right: 2842.906+/-1.832 χ^2 /NDF: 7110.0/2

In: 2715.135+/-2.381 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2842.906+/-1.832 χ^2 /NDF: 7110.0/2

asym_atl1r2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -795.446+/-3749.799 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -305.782+/-1251.467 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

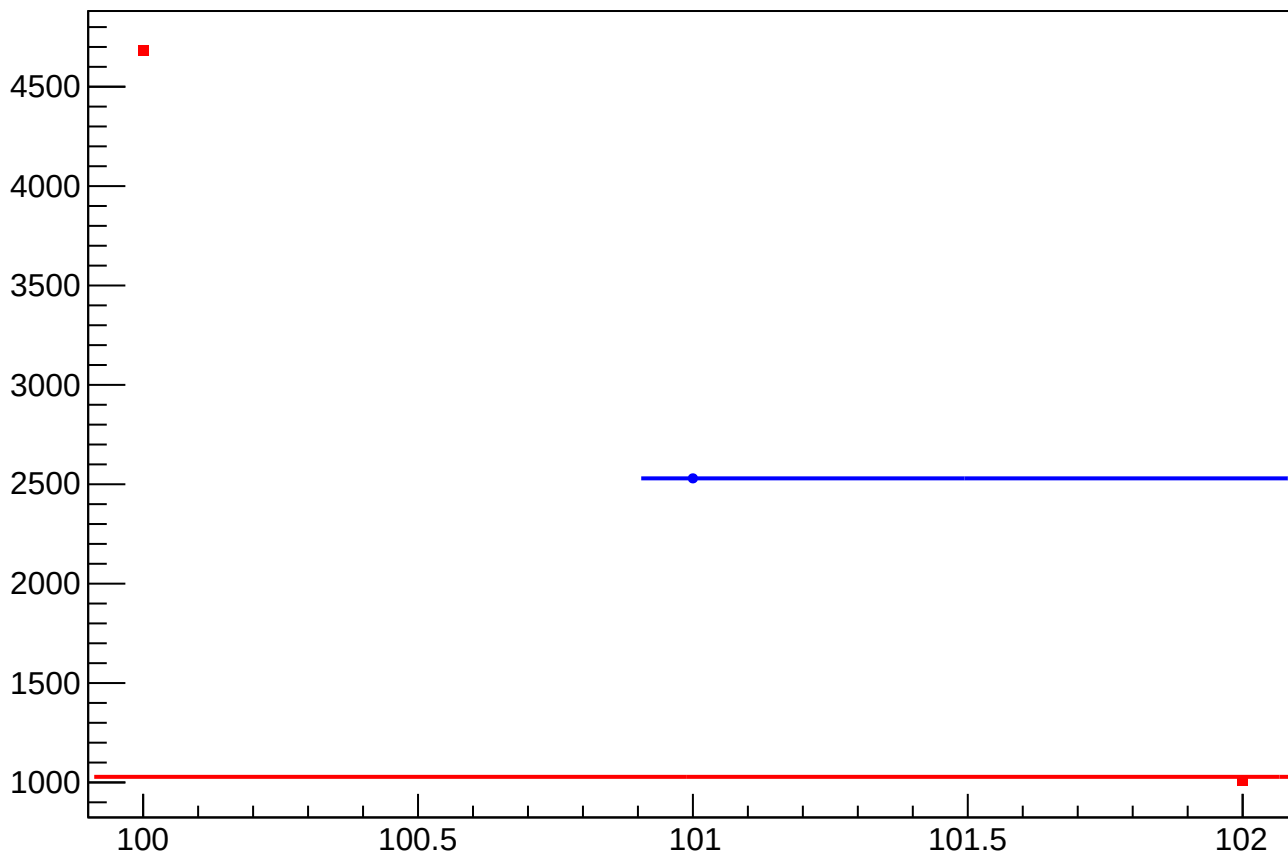
Right: -354.856+/-1187.100 χ^2/NDF : 0.0/2

In: -795.446+/-3749.799 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -354.856+/-1187.100 χ^2/NDF : 0.0/2

asym_atl1r2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2529.738 $\pm$ 2.652 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1028.120 $\pm$ 0.885 χ^2 /NDF: 88723.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

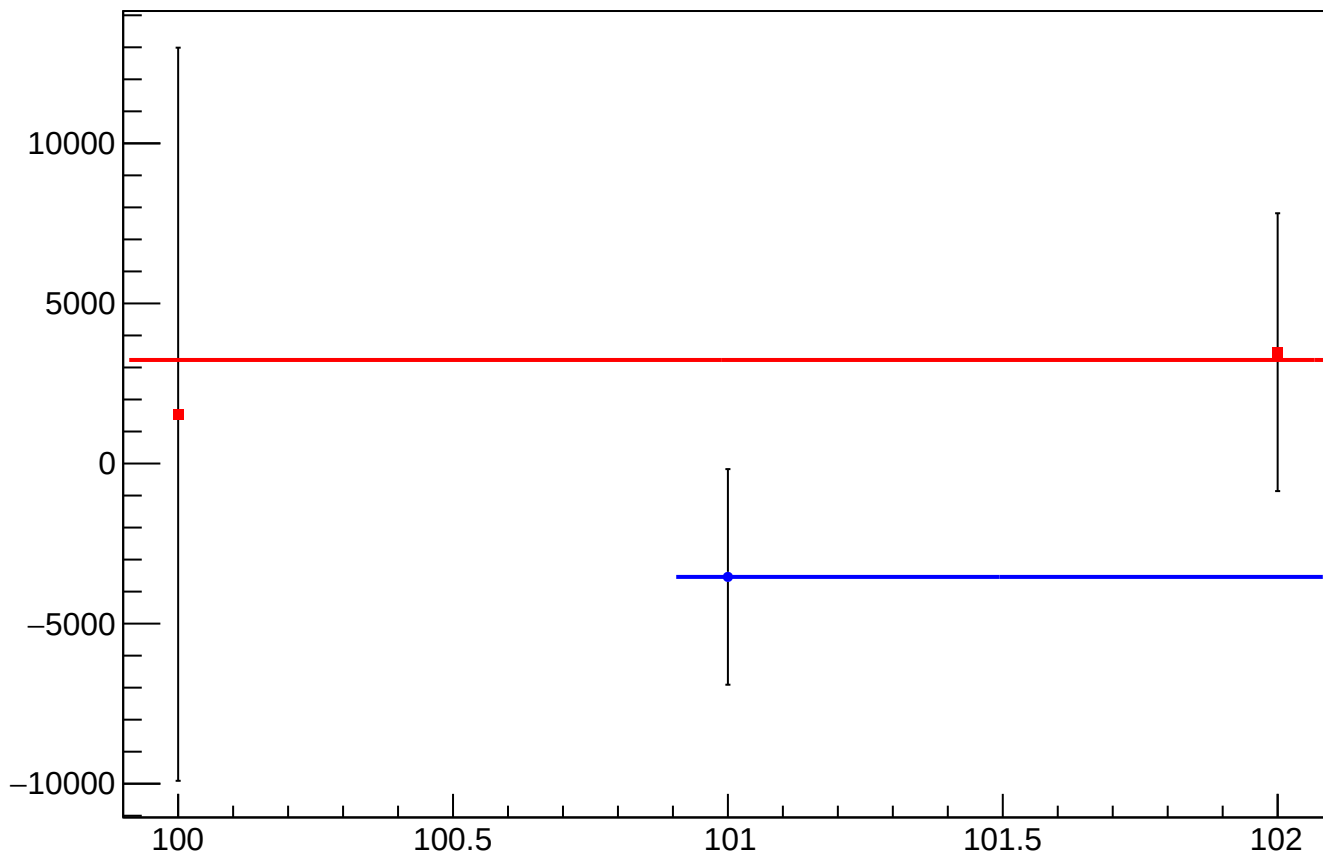
Right: 1178.614 $\pm$ 0.839 χ^2 /NDF: 377305.1/2

In: 2529.738 $\pm$ 2.652 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1178.614 $\pm$ 0.839 χ^2 /NDF: 377305.1/2

eigen_dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: -3541.209+/-3367.158 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3234.521+/-4057.321 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

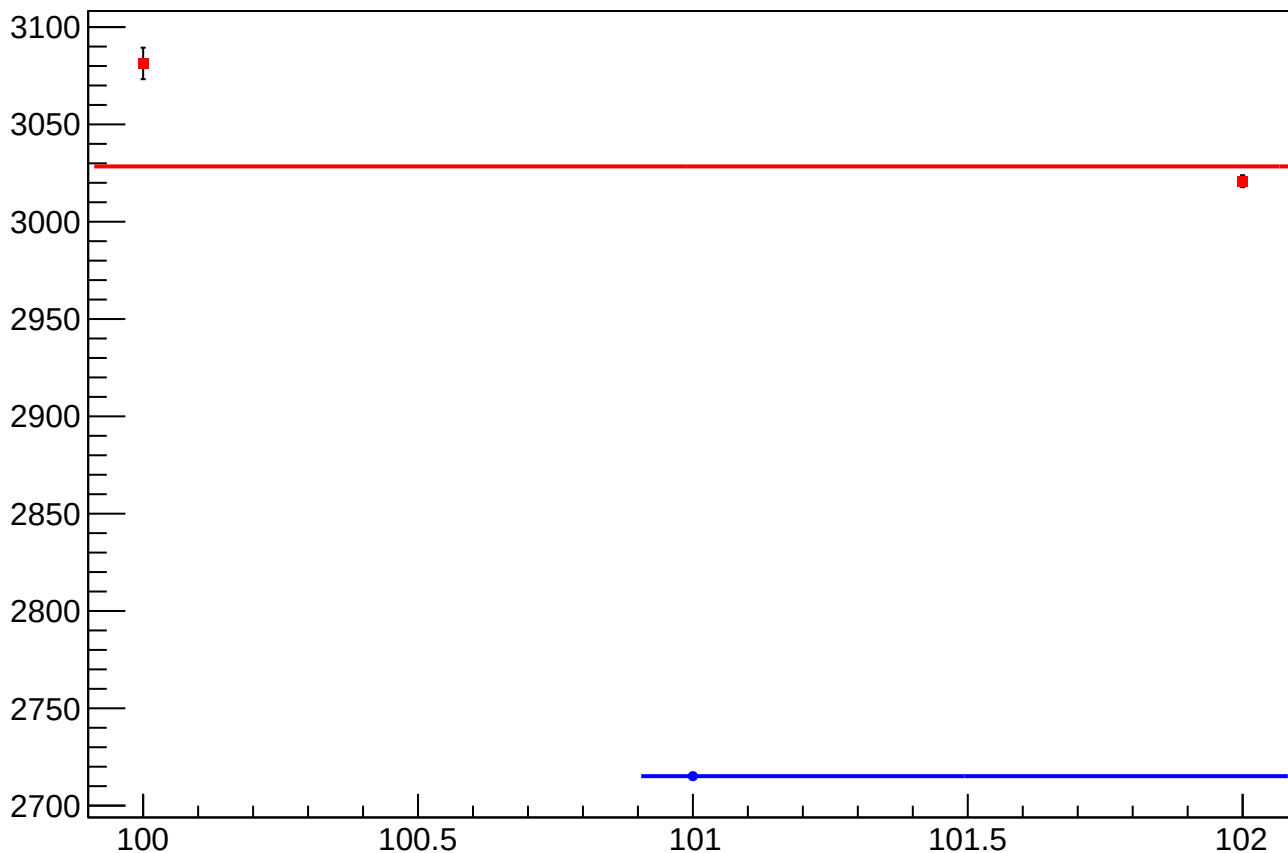
Right: -777.805+/-2591.096 χ^2/NDF : 1.7/2

In: -3541.209+/-3367.158 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -777.805+/-2591.096 χ^2/NDF : 1.7/2

eigen_dit_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 2715.135+/-2.381 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 3028.417+/-2.869 χ^2 /NDF: 48.9/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

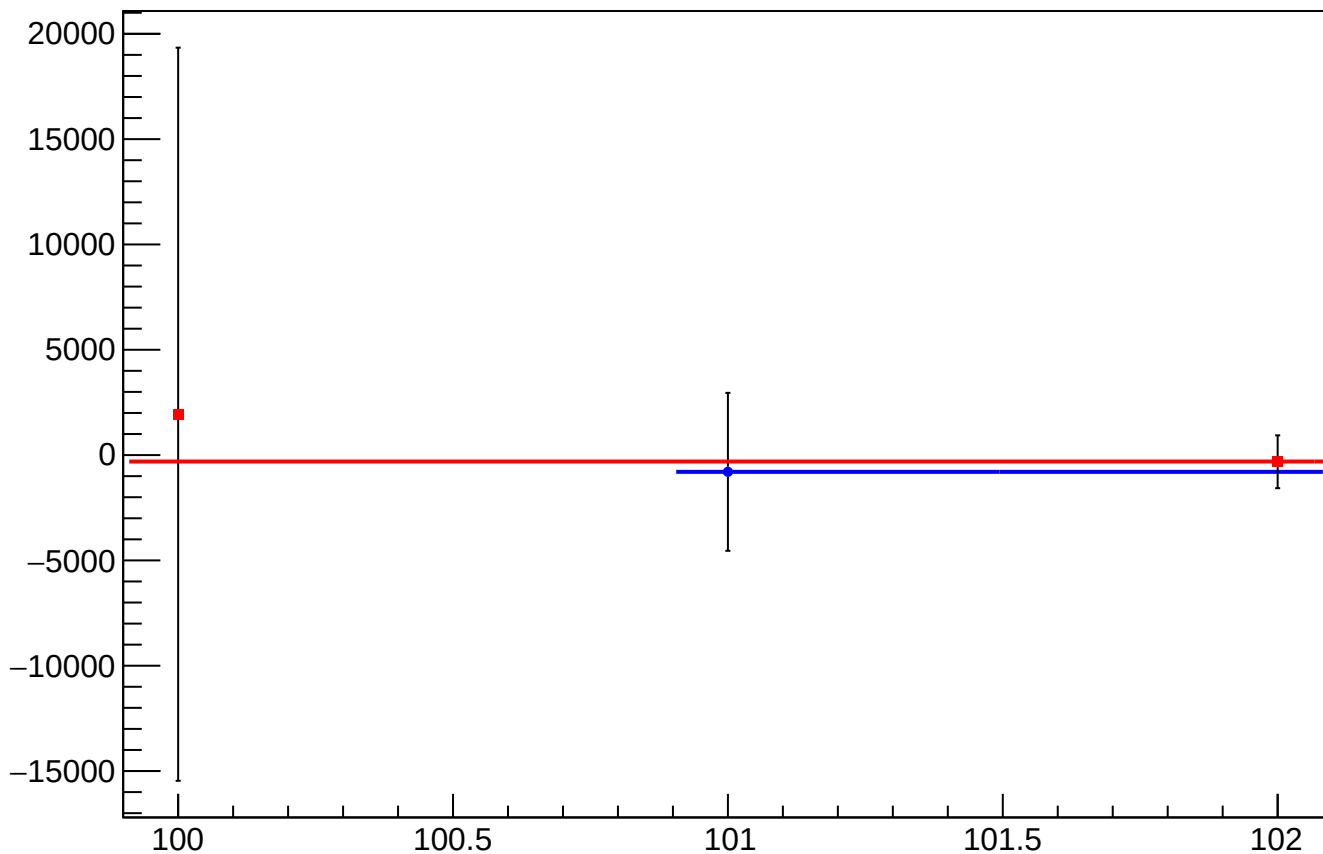
Right: 2842.904+/-1.832 χ^2 /NDF: 7109.8/2

In: 2715.135+/-2.381 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2842.904+/-1.832 χ^2 /NDF: 7109.8/2

asym_atl1r2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -795.477+/-3749.796 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -305.776+/-1251.466 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

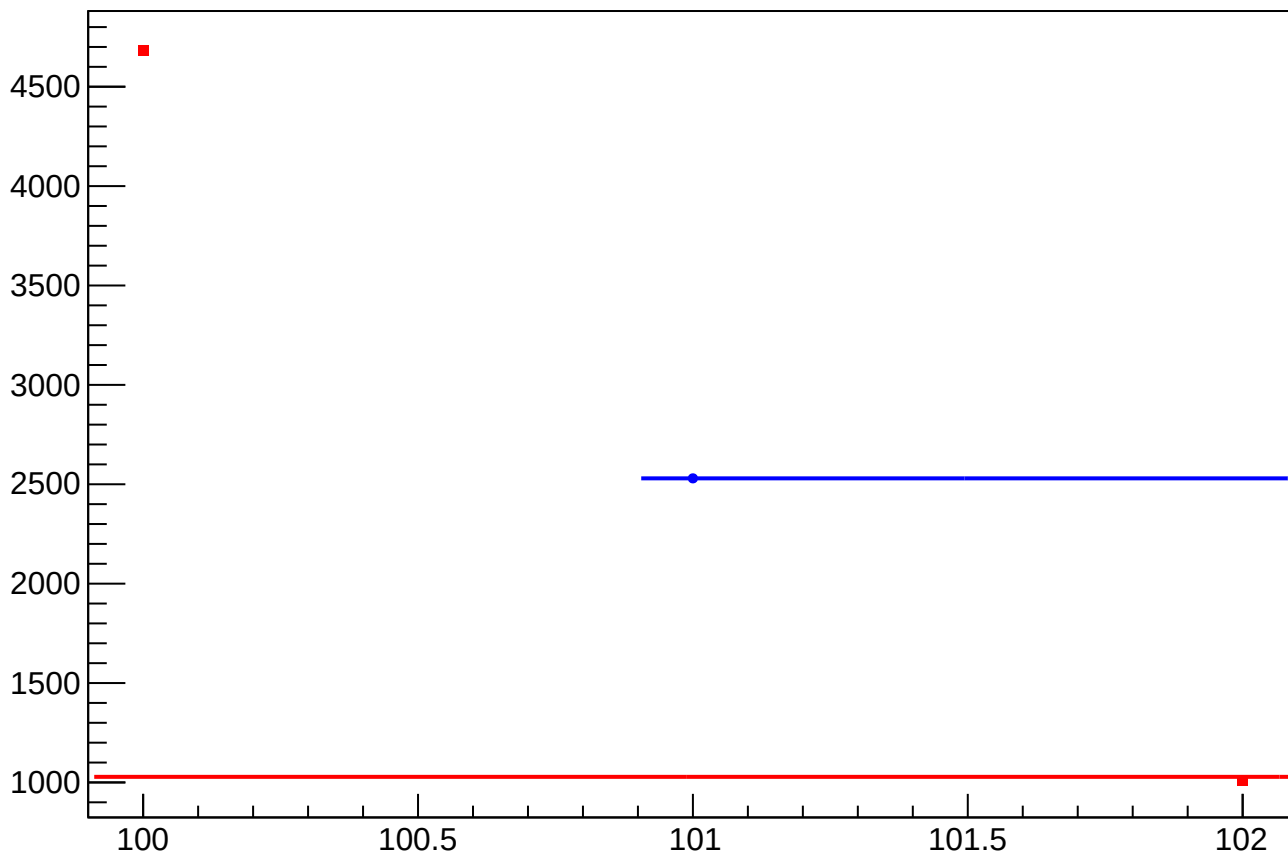
Right: -354.855+/-1187.099 χ^2/NDF : 0.0/2

In: -795.477+/-3749.796 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -354.855+/-1187.099 χ^2/NDF : 0.0/2

asym_atl1r2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2529.737 $\pm$ 2.652 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1028.120 $\pm$ 0.885 χ^2 /NDF: 88723.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

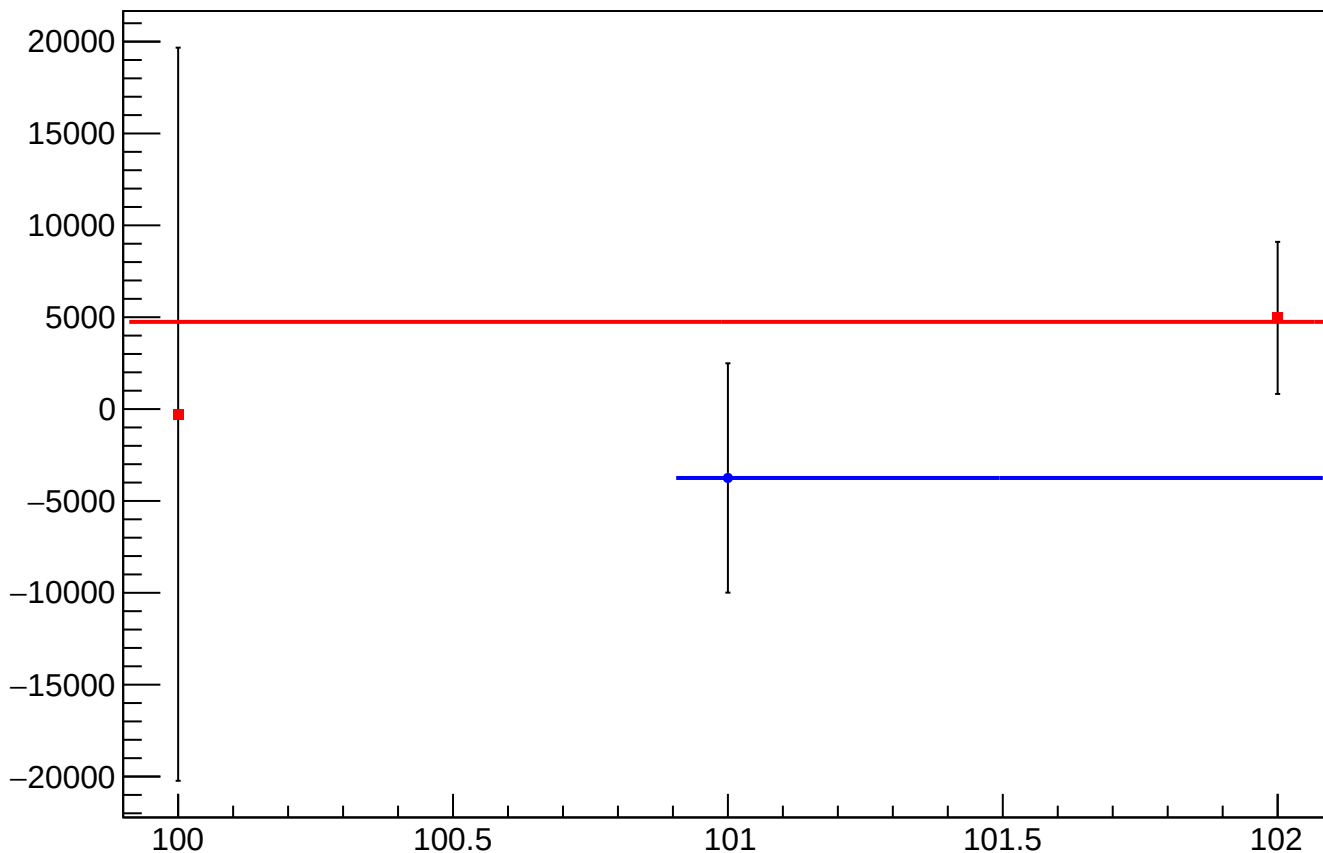
Right: 1178.613 $\pm$ 0.839 χ^2 /NDF: 377305.2/2

In: 2529.737 $\pm$ 2.652 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1178.613 $\pm$ 0.839 χ^2 /NDF: 377305.2/2

asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: -3749.510+/-6240.718 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4746.278+/-4052.623 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

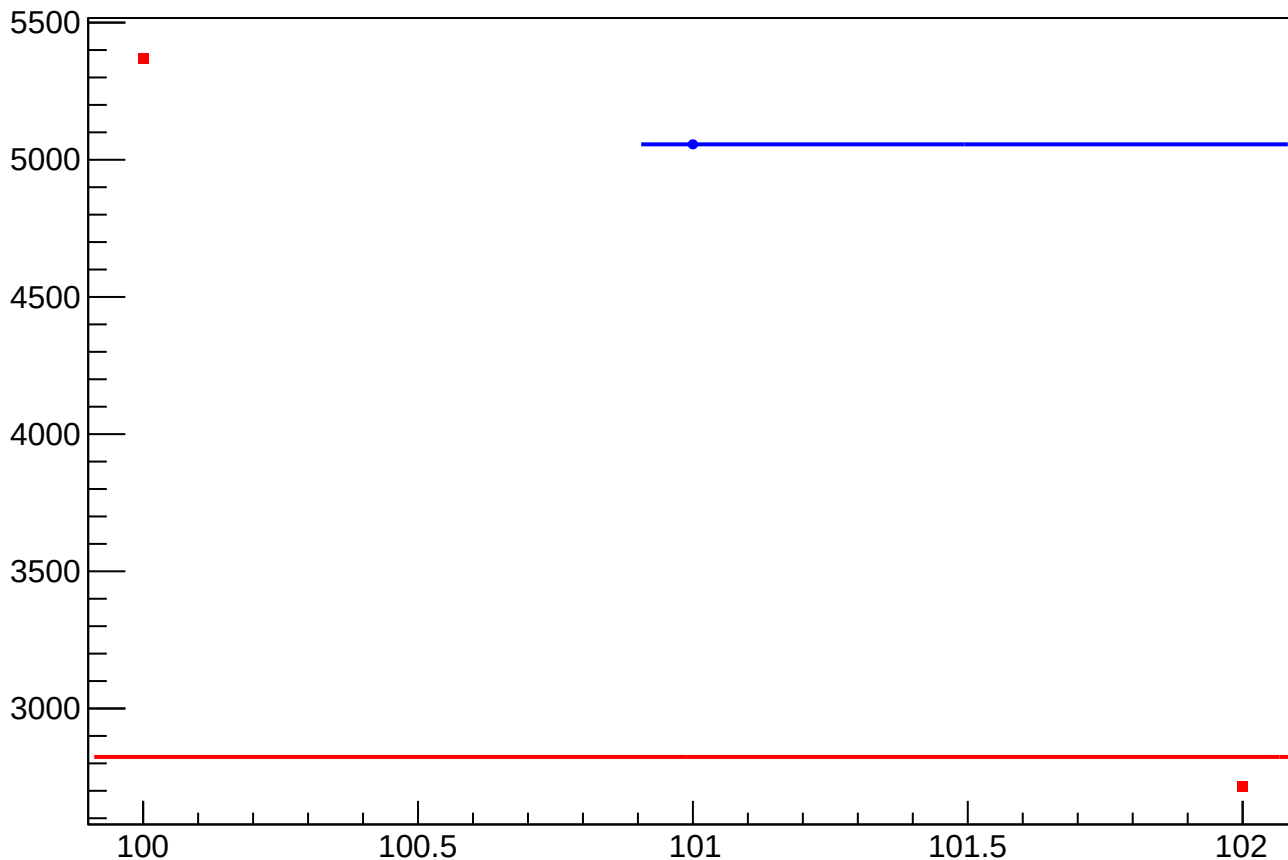
Right: 2226.287+/-3398.852 χ^2/NDF : 1.4/2

In: -3749.510+/-6240.718 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2226.287+/-3398.852 χ^2/NDF : 1.4/2

asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 5056.295 $\pm$ 4.413 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2823.443 $\pm$ 2.866 χ^2 /NDF: 33960.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

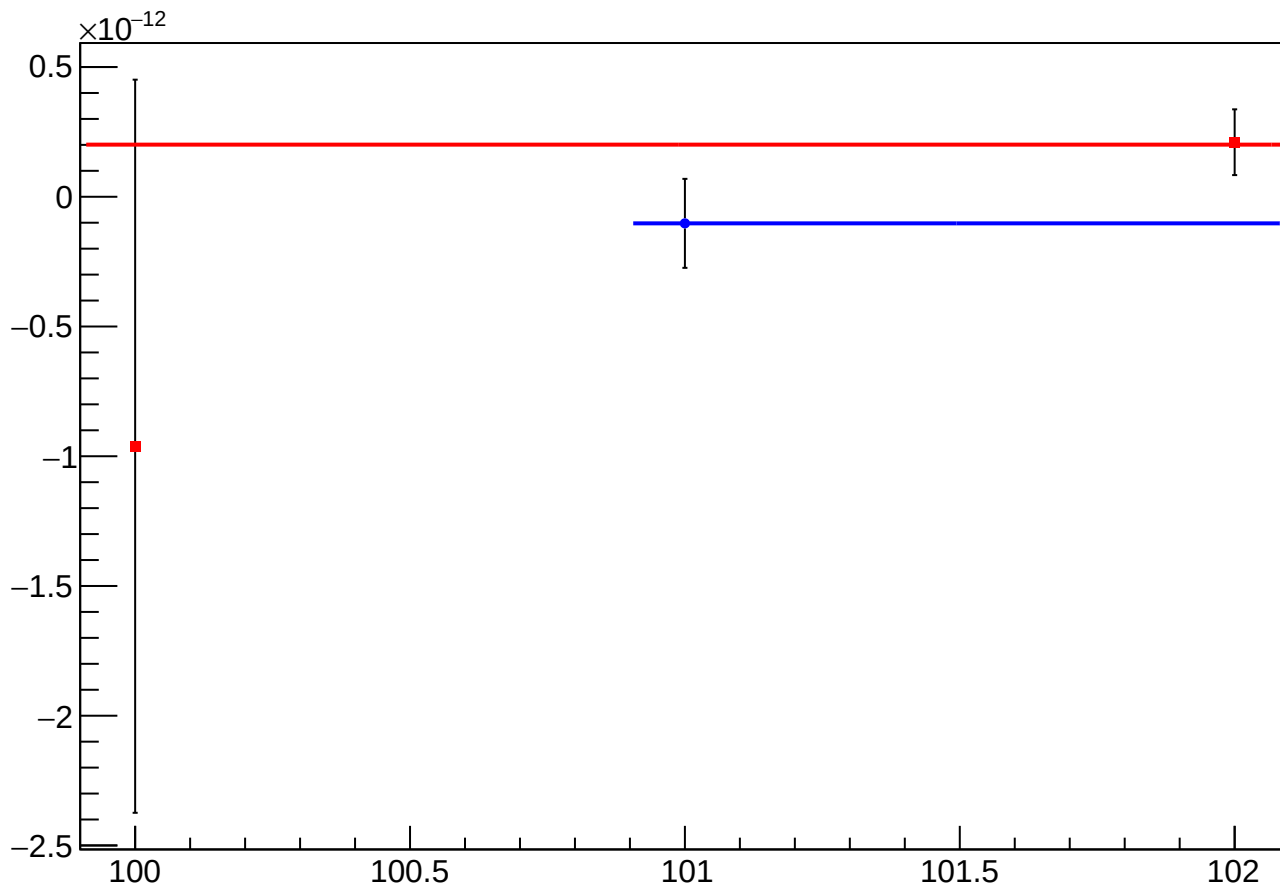
Right: 3485.740 $\pm$ 2.403 χ^2 /NDF: 214043.8/2

In: 5056.295 $\pm$ 4.413 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3485.740 $\pm$ 2.403 χ^2 /NDF: 214043.8/2

asym_atl1r2_avg_reg_vs_cor_diff_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: 0.7/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

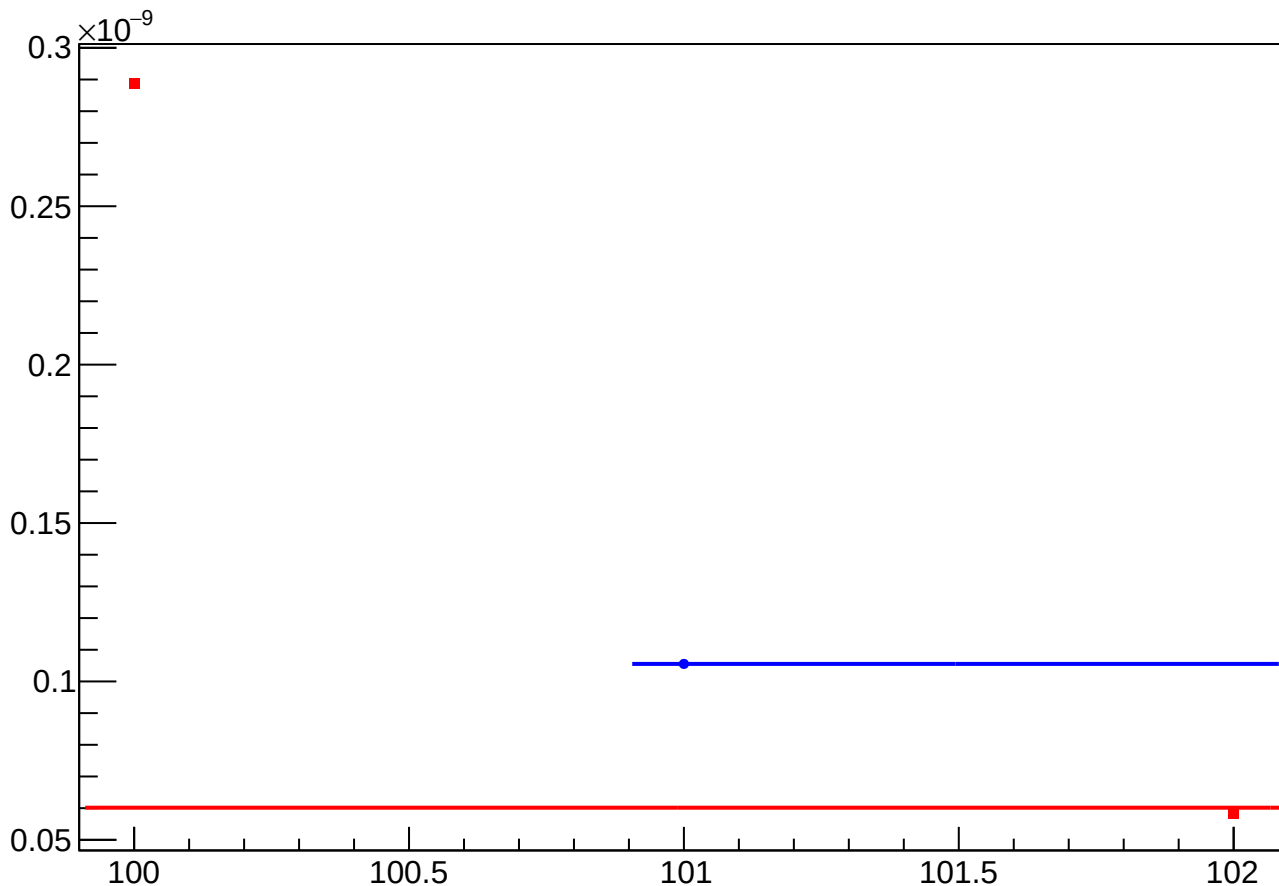
Right: 0.000+/-0.000 χ^2 /NDF: 2.7/2

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: 2.7/2

asym_atl1r2_avg_reg_vs_cor_diff_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 : 52737.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

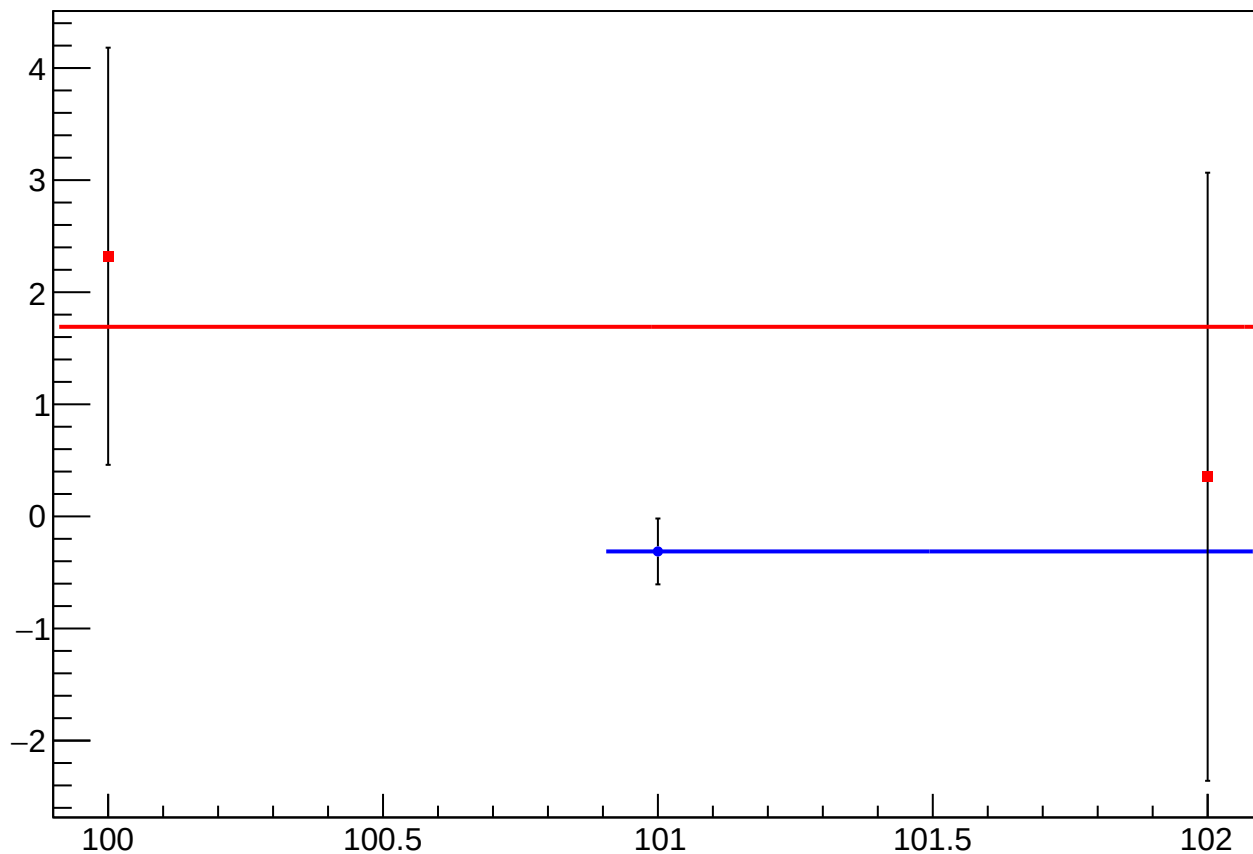
Right: 0.000+/-0.000 χ^2/NDF : 143627.2/2

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 : 143627.2/2

asym_atl1r2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.312 ± 0.294 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1.691 ± 1.534 $\chi^2/\text{NDF}: 0.4/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

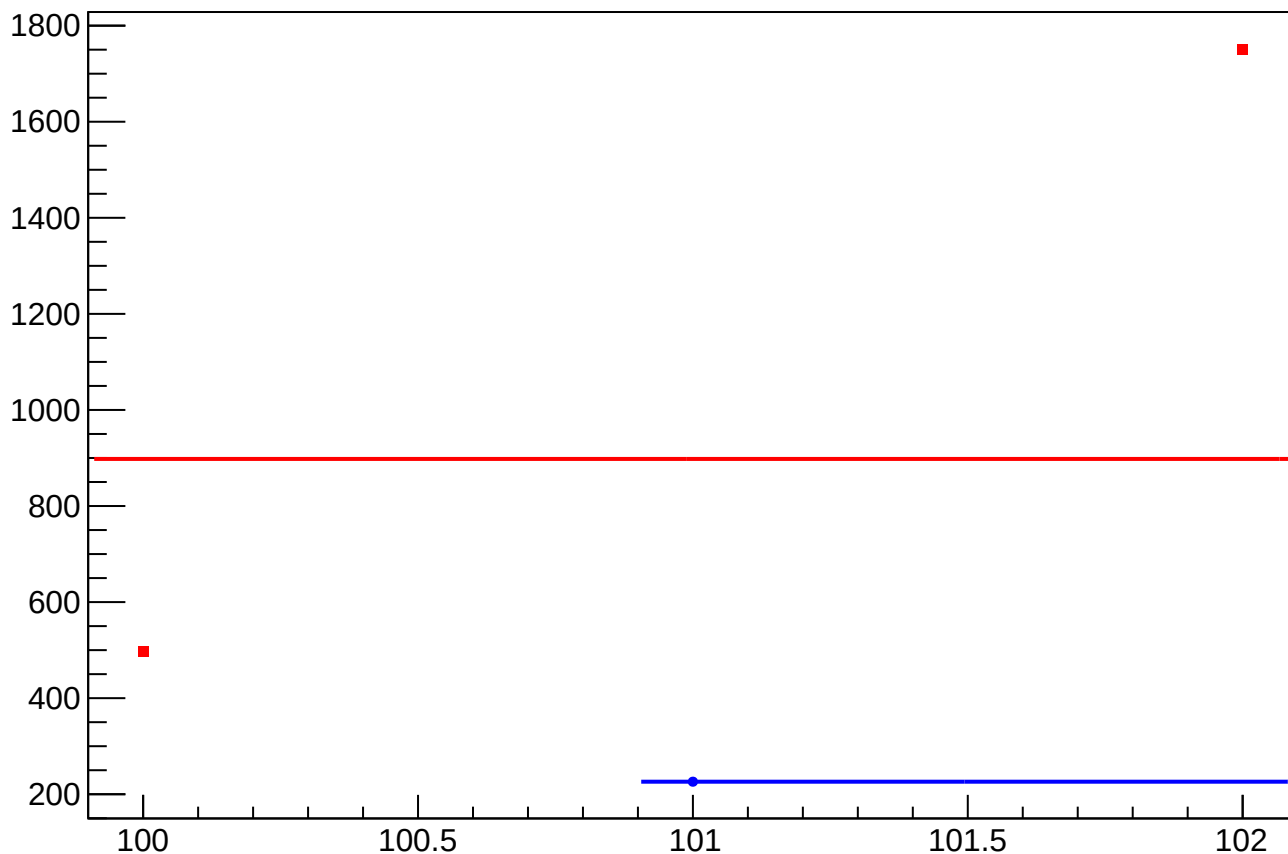
Right: -0.242 ± 0.288 $\chi^2/\text{NDF}: 2.0/2$

In: -0.312 ± 0.294 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.242 ± 0.288 $\chi^2/\text{NDF}: 2.0/2$

asym_atl1r2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 226.110 $\pm$ 0.208 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 898.028 $\pm$ 1.085 χ^2 /NDF: 290285.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

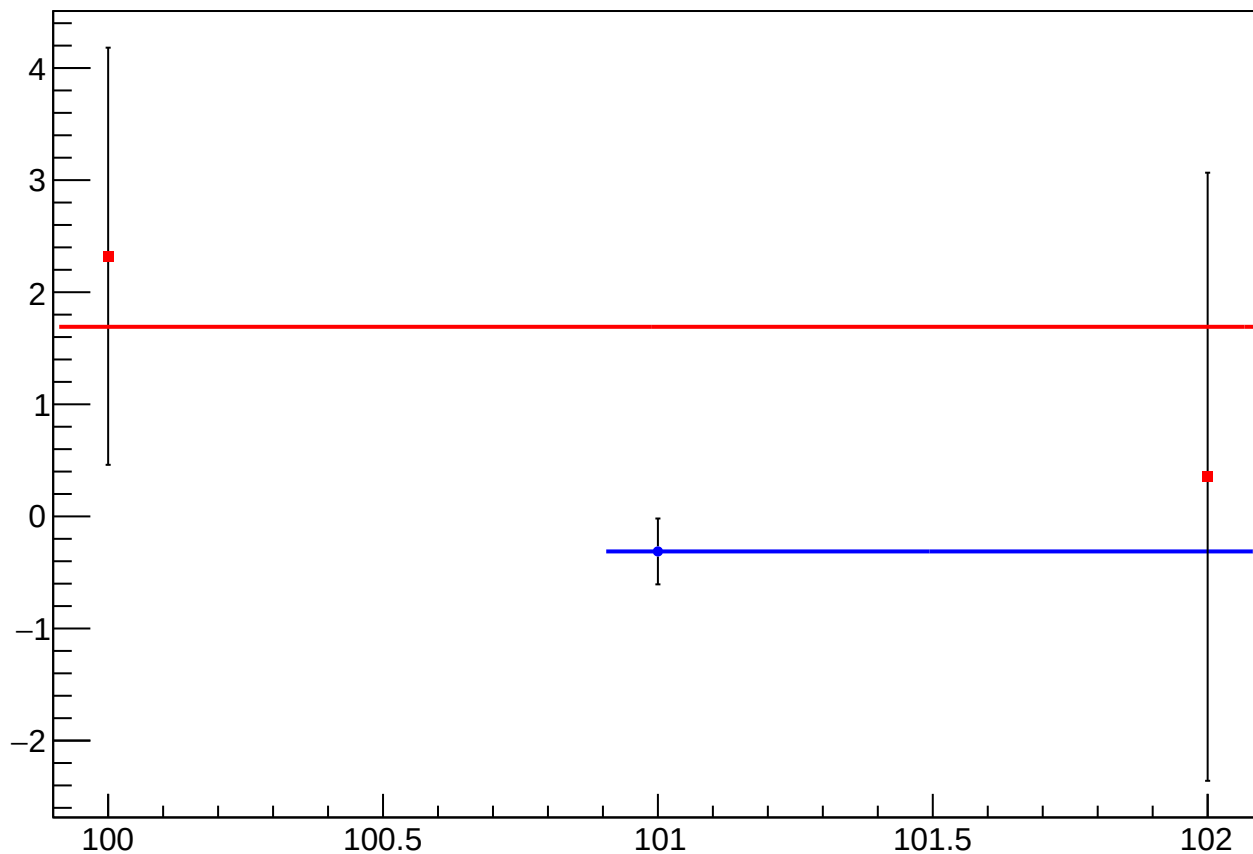
Right: 249.858 $\pm$ 0.204 χ^2 /NDF: 660249.9/2

In: 226.110 $\pm$ 0.208 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 249.858 $\pm$ 0.204 χ^2 /NDF: 660249.9/2

asym_atl1r2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.312 $\pm$ 0.294 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.691 $\pm$ 1.534 χ^2 /NDF: 0.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

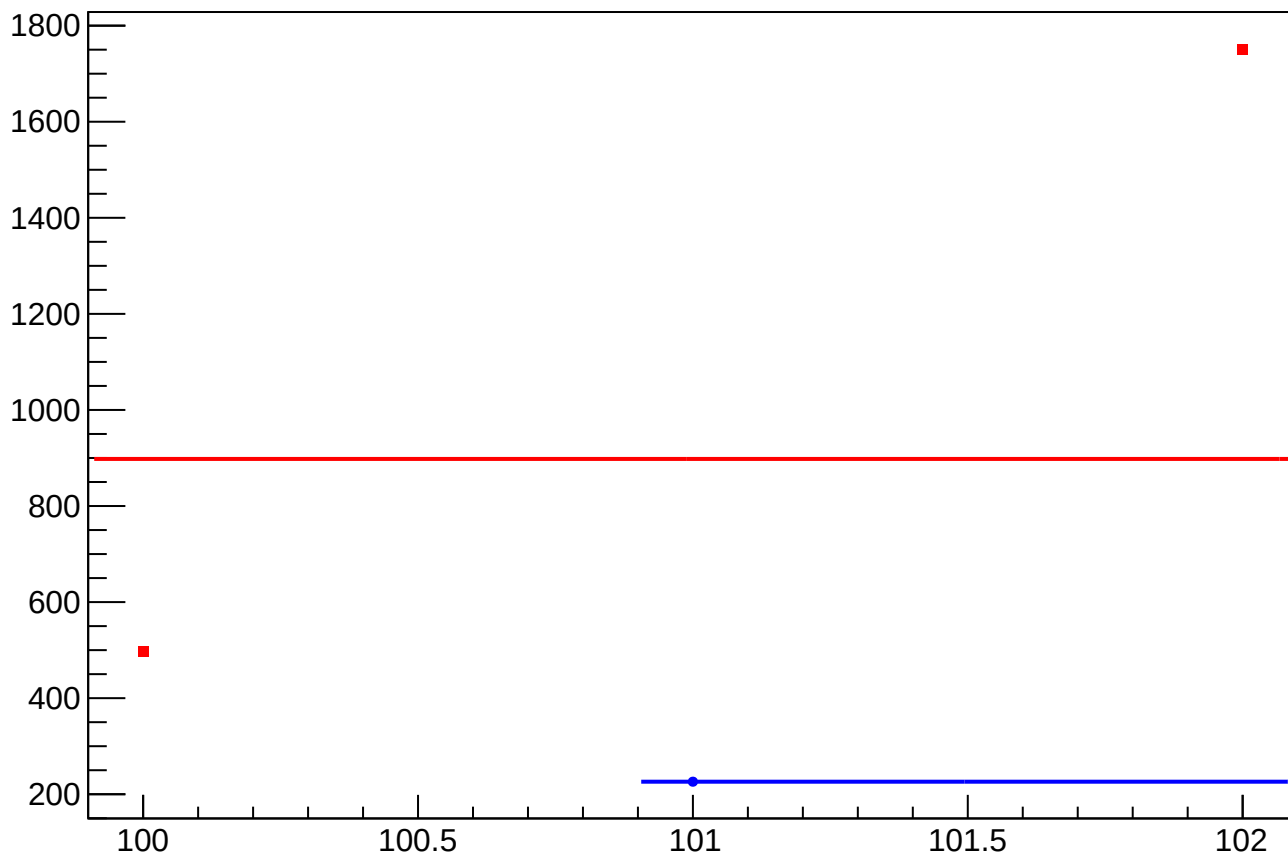
Right: -0.242 $\pm$ 0.288 χ^2 /NDF: 2.0/2

In: -0.312 $\pm$ 0.294 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.242 $\pm$ 0.288 χ^2 /NDF: 2.0/2

asym_atl1r2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 226.110 $\pm$ 0.208 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 898.028 $\pm$ 1.085 χ^2 /NDF: 290285.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

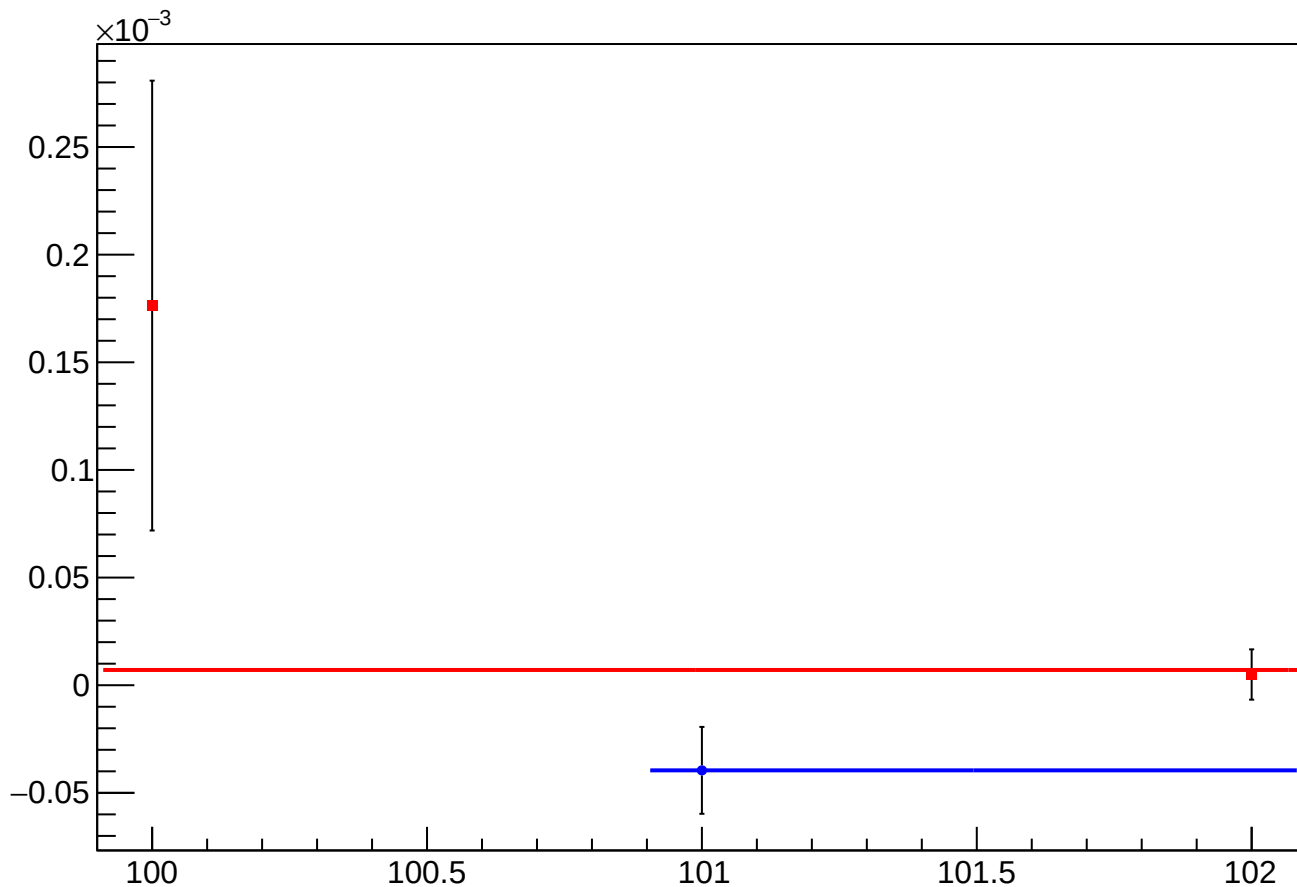
Right: 249.858 $\pm$ 0.204 χ^2 /NDF: 660249.9/2

In: 226.110 $\pm$ 0.208 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 249.858 $\pm$ 0.204 χ^2 /NDF: 660249.9/2

asym_atl1r2_avg_eigen_dit_vs_dit_diff_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 : 2.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

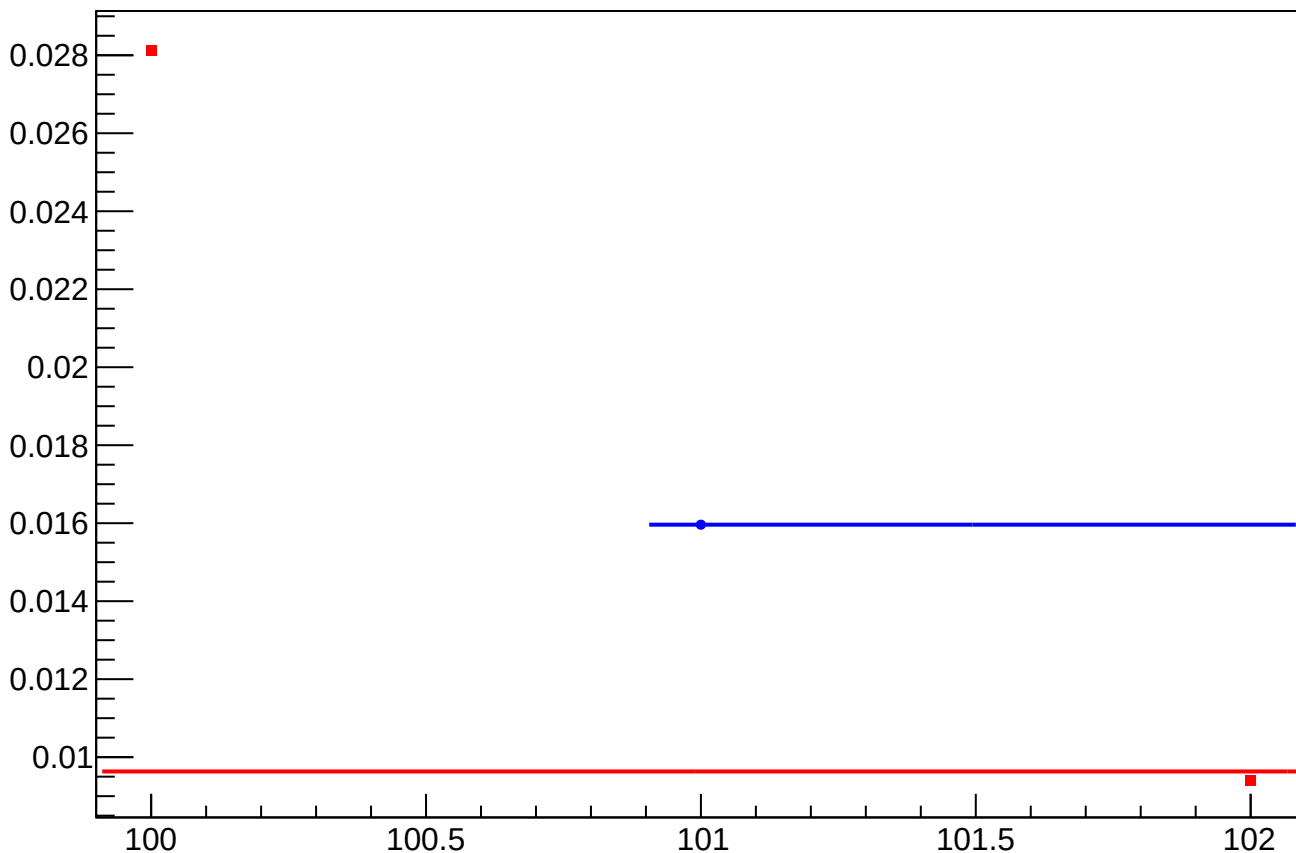
Right: -0.000+/-0.000 χ^2/NDF : 6.7/2

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 : 6.7/2

asym_atl1r2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 63409.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

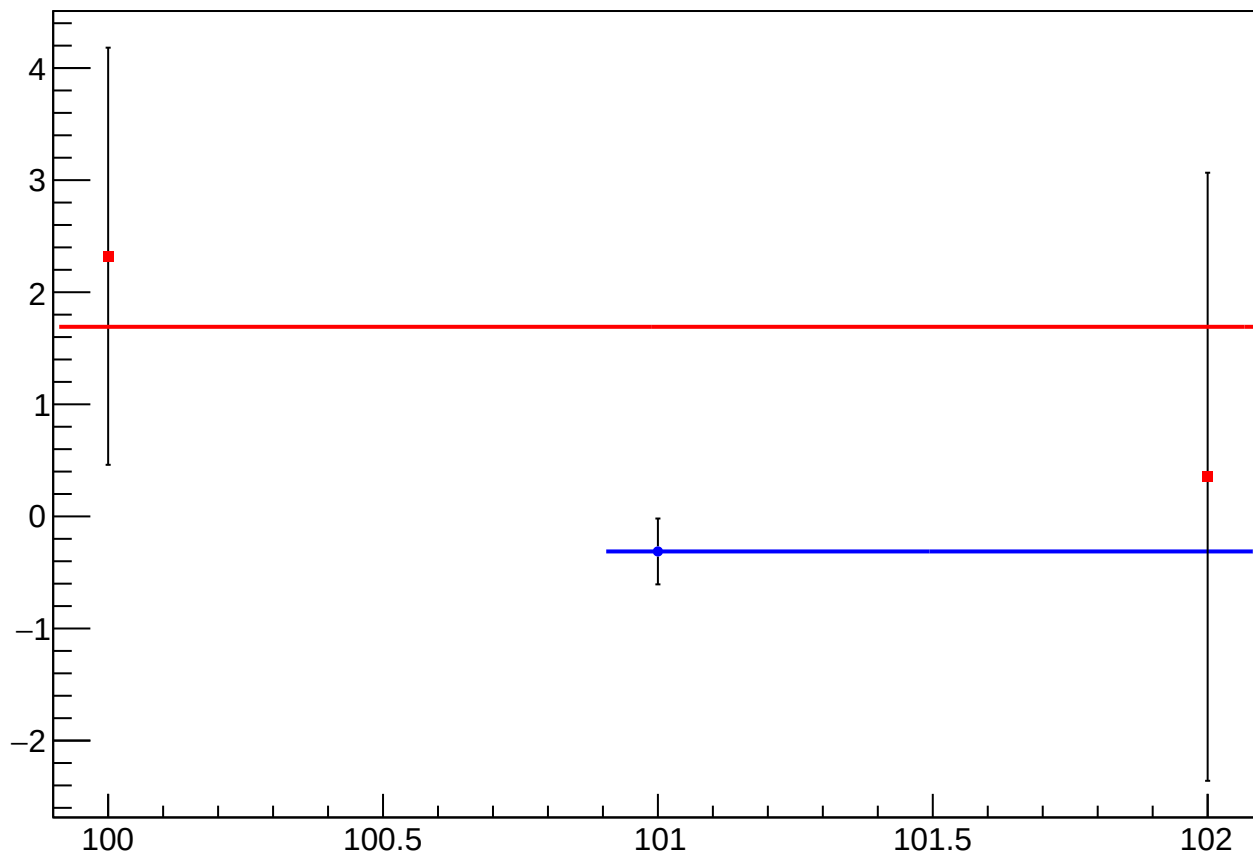
Right: 0.011+/-0.000 χ^2/NDF : 211215.8/2

In: 0.016+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 211215.8/2

asym_atl1r2_avg_eigen_dit_vs_slug, Sign Corrected



Right In: -0.313+/-0.294 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.691+/-1.534 χ^2/NDF : 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

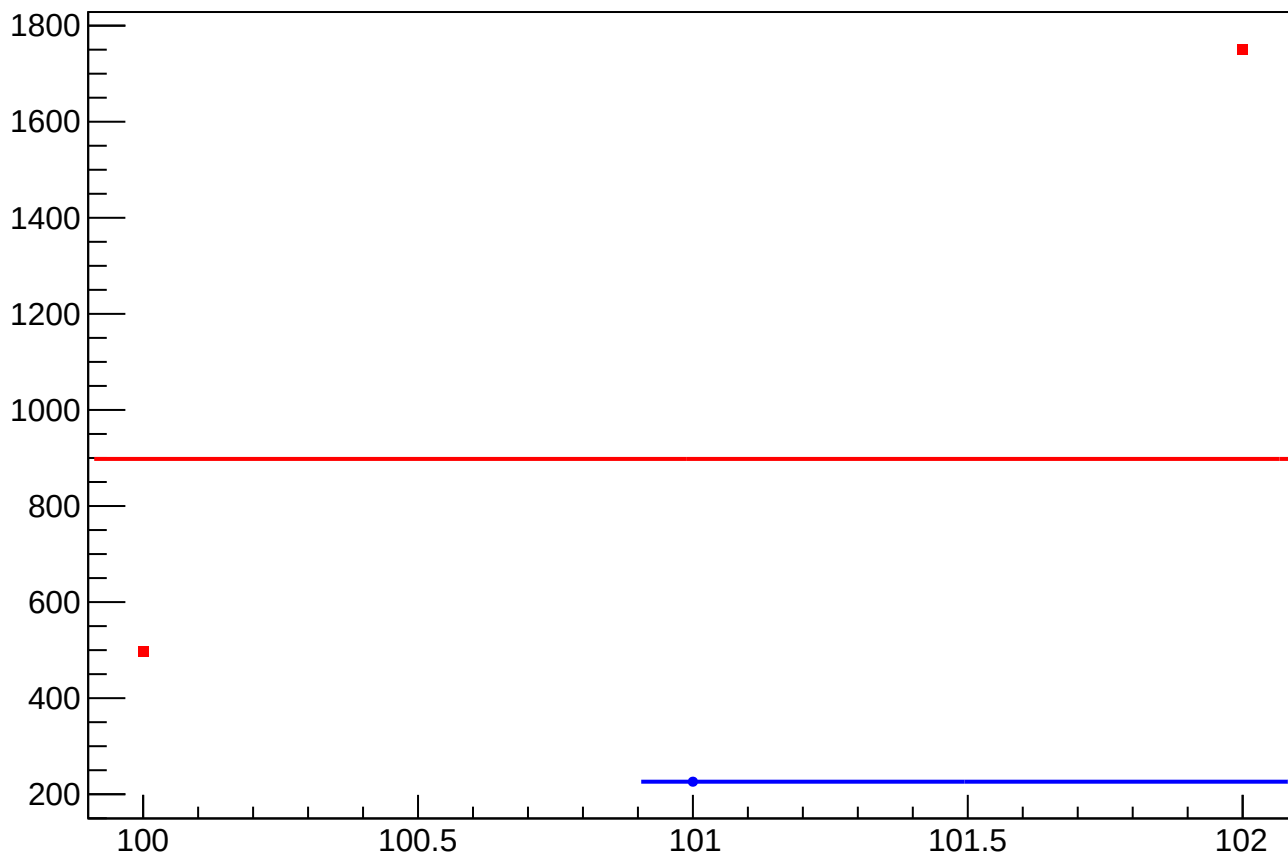
Right: -0.242+/-0.288 χ^2/NDF : 2.0/2

In: -0.313+/-0.294 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.242+/-0.288 χ^2/NDF : 2.0/2

asym_atl1r2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 226.110 $\pm$ 0.208 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 898.038 $\pm$ 1.085 χ^2 /NDF: 290276.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

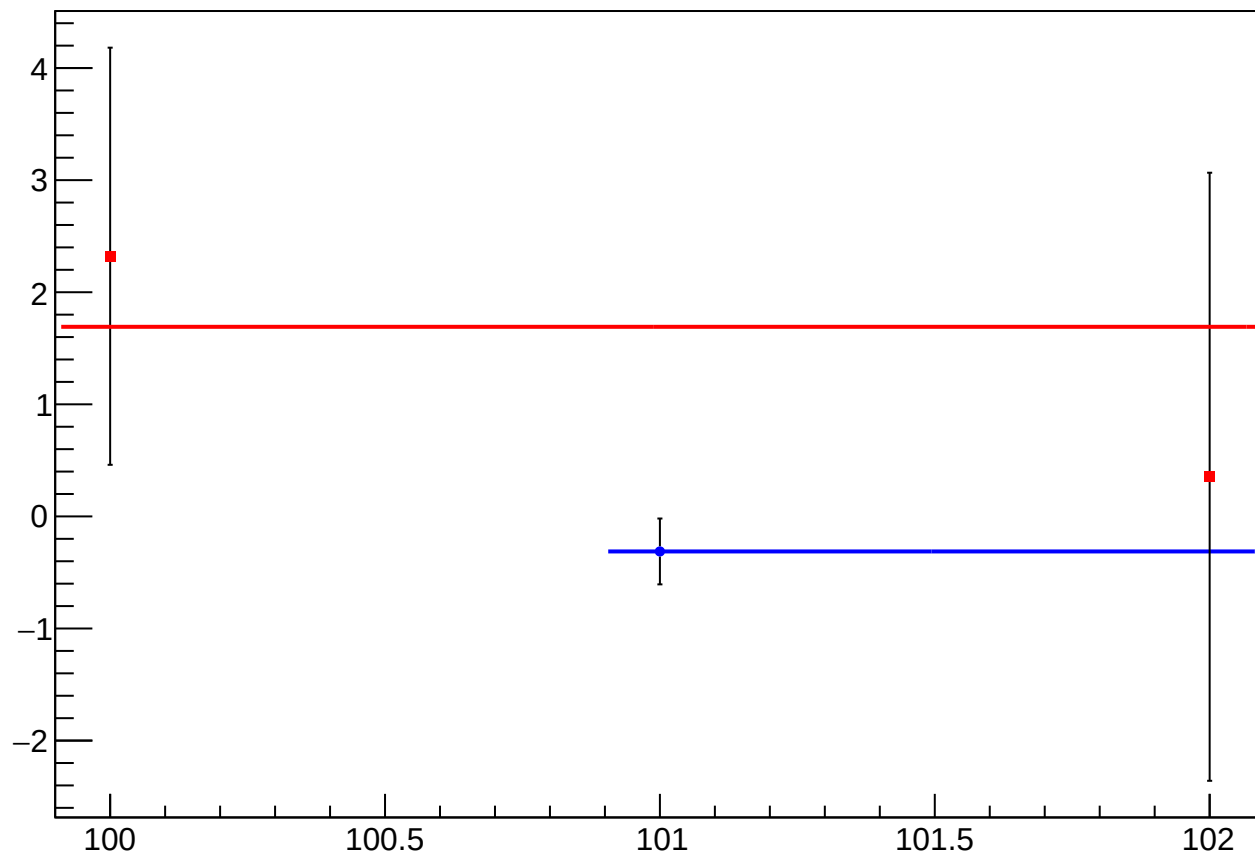
Right: 249.859 $\pm$ 0.204 χ^2 /NDF: 660246.3/2

In: 226.110 $\pm$ 0.208 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 249.859 $\pm$ 0.204 χ^2 /NDF: 660246.3/2

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.313 $\pm$ 0.294 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.691 $\pm$ 1.534 χ^2 /NDF: 0.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

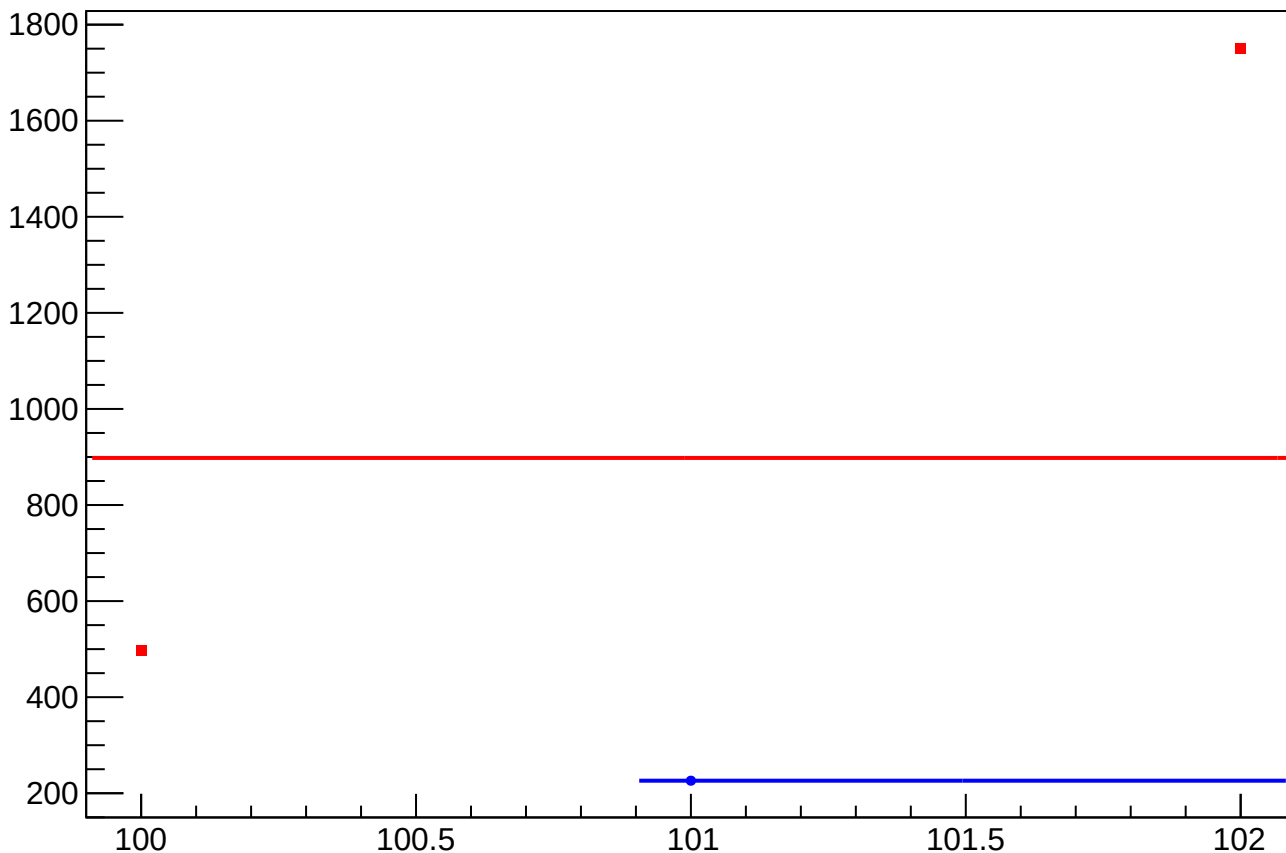
Right: -0.242 $\pm$ 0.288 χ^2 /NDF: 2.0/2

In: -0.313 $\pm$ 0.294 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.242 $\pm$ 0.288 χ^2 /NDF: 2.0/2

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 226.110 $\pm$ 0.208 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 898.038 $\pm$ 1.085 χ^2 /NDF: 290276.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

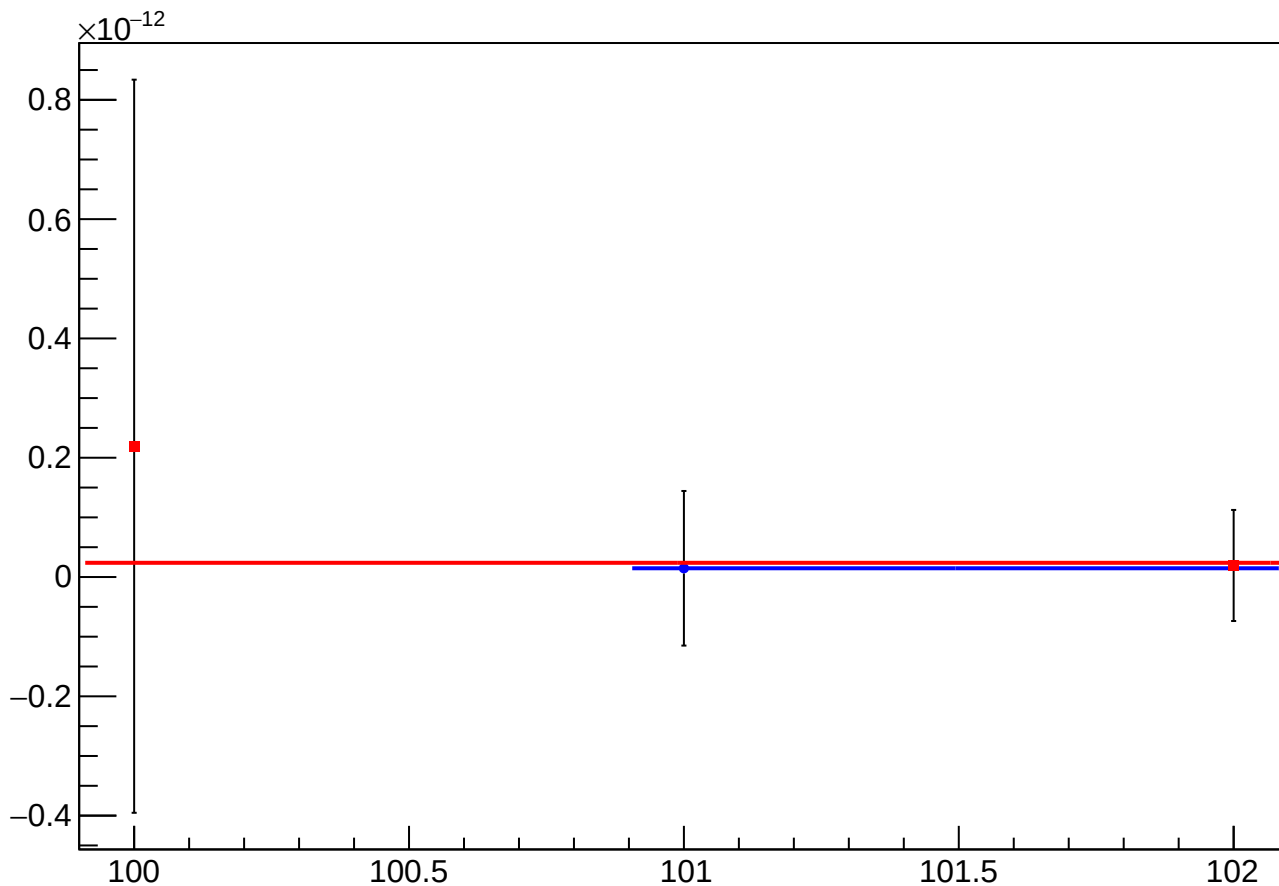
Right: 249.859 $\pm$ 0.204 χ^2 /NDF: 660246.3/2

In: 226.110 $\pm$ 0.208 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 249.859 $\pm$ 0.204 χ^2 /NDF: 660246.3/2

asym_atl1r2_avg_eigen_cor_vs_cor_diff_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 : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

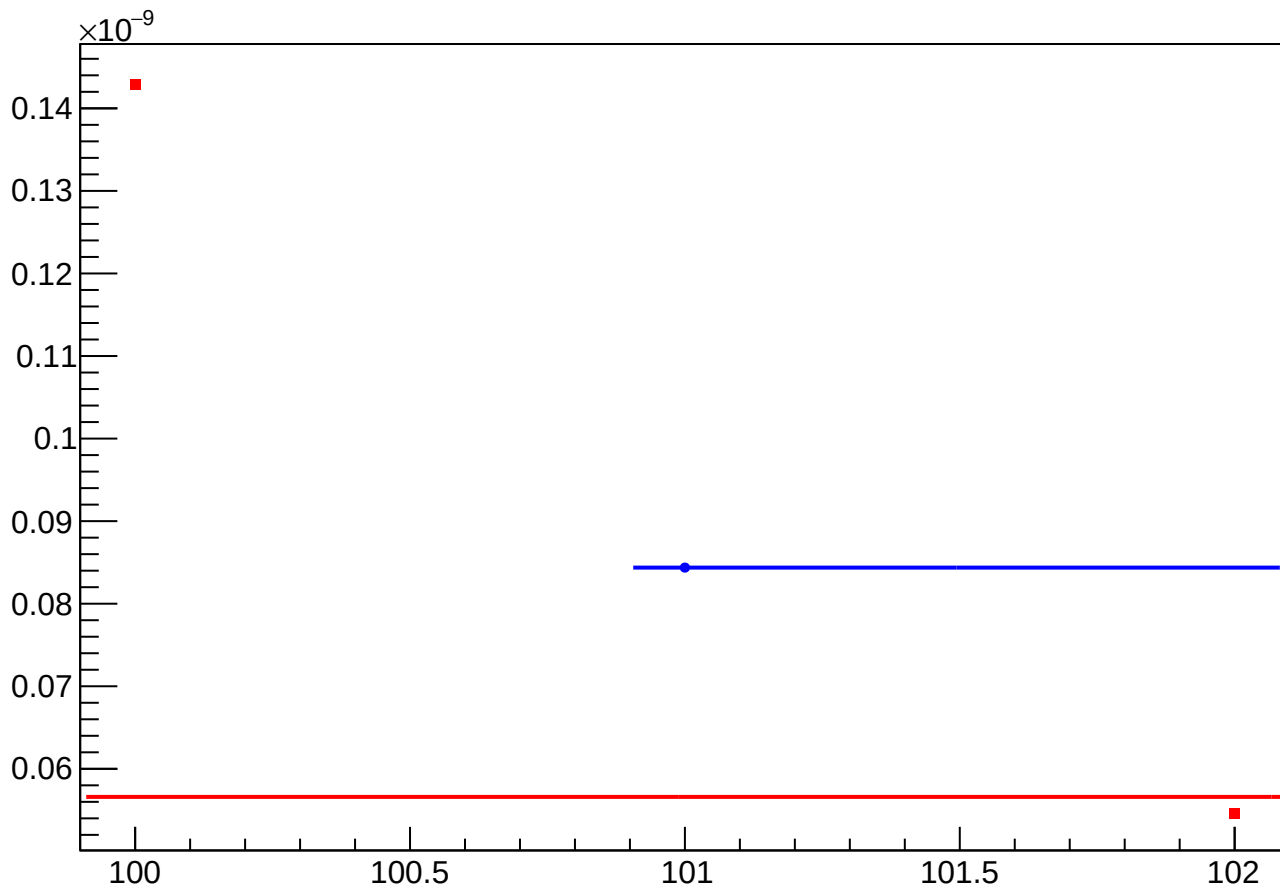
Right: 0.000+/-0.000 χ^2/NDF : 0.1/2

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 : 0.1/2

asym_atl1r2_avg_eigen_cor_vs_cor_diff_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 : 40362.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

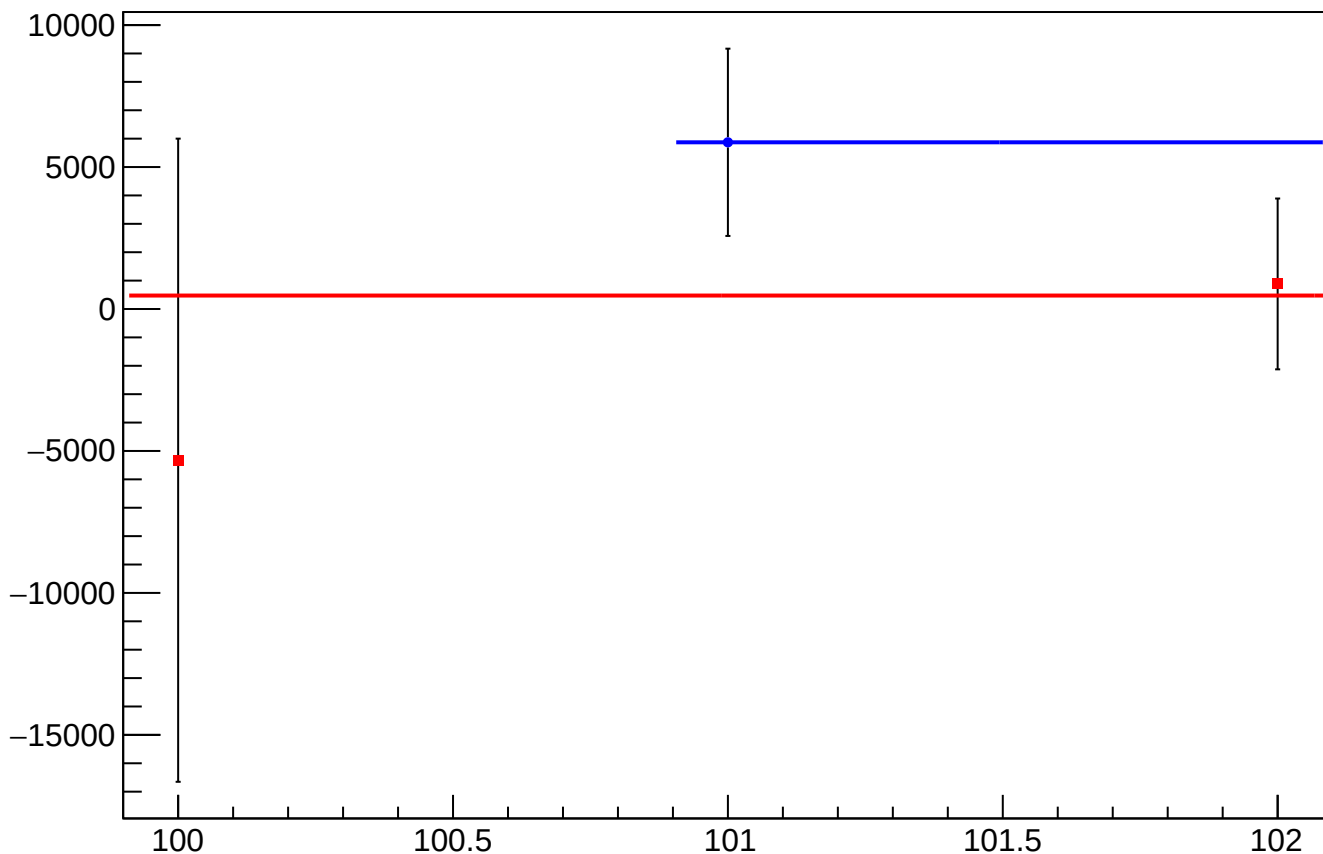
Right: 0.000+/-0.000 χ^2/NDF : 101416.7/2

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 : 101416.7/2

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: 5871.253+/-3297.992 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 474.026+/-2907.547 χ^2 /NDF: 0.3/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

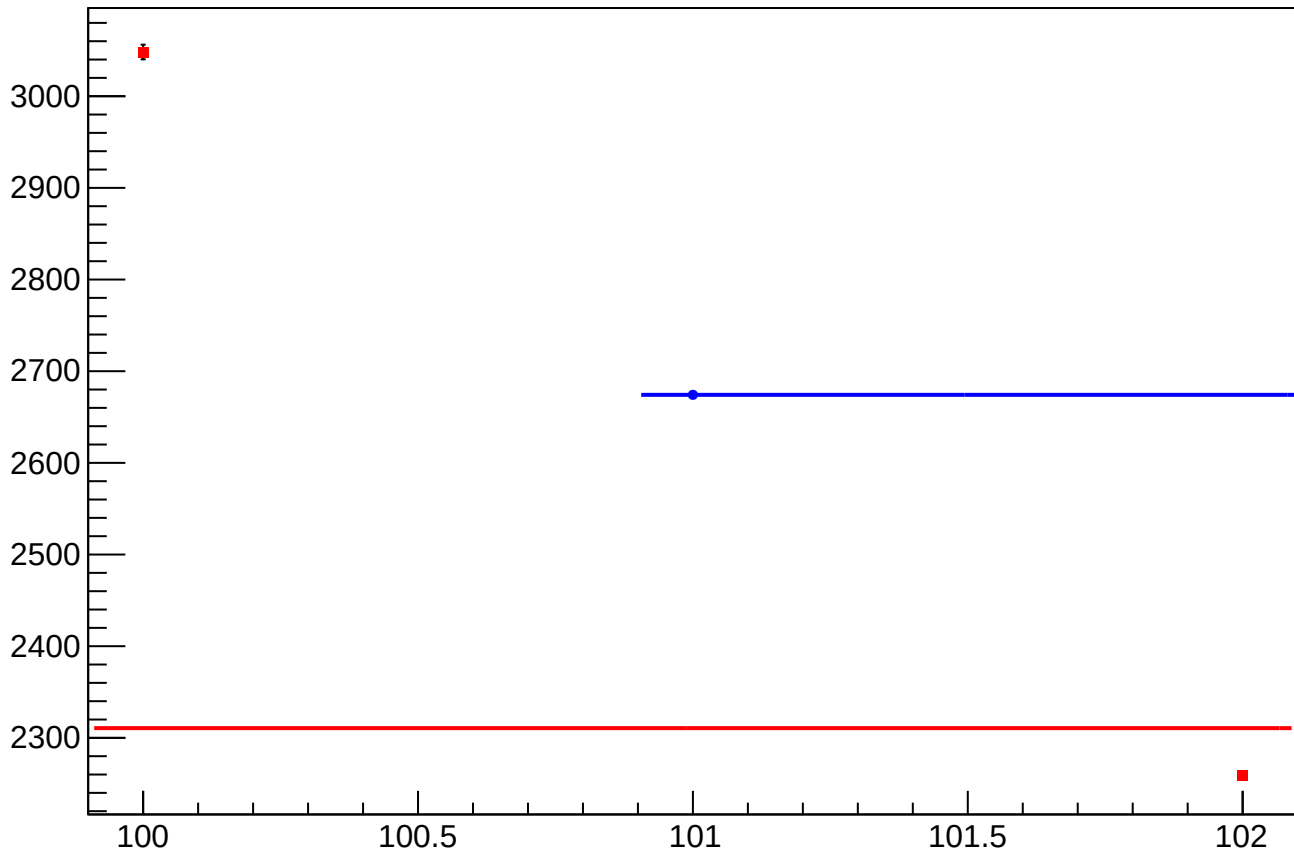
Right: 2834.392+/-2180.991 χ^2 /NDF: 1.8/2

In: 5871.253+/-3297.992 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2834.392+/-2180.991 χ^2 /NDF: 1.8/2

reg_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 2674.215+/-2.332 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2310.595+/-2.056 χ^2/NDF : 9080.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

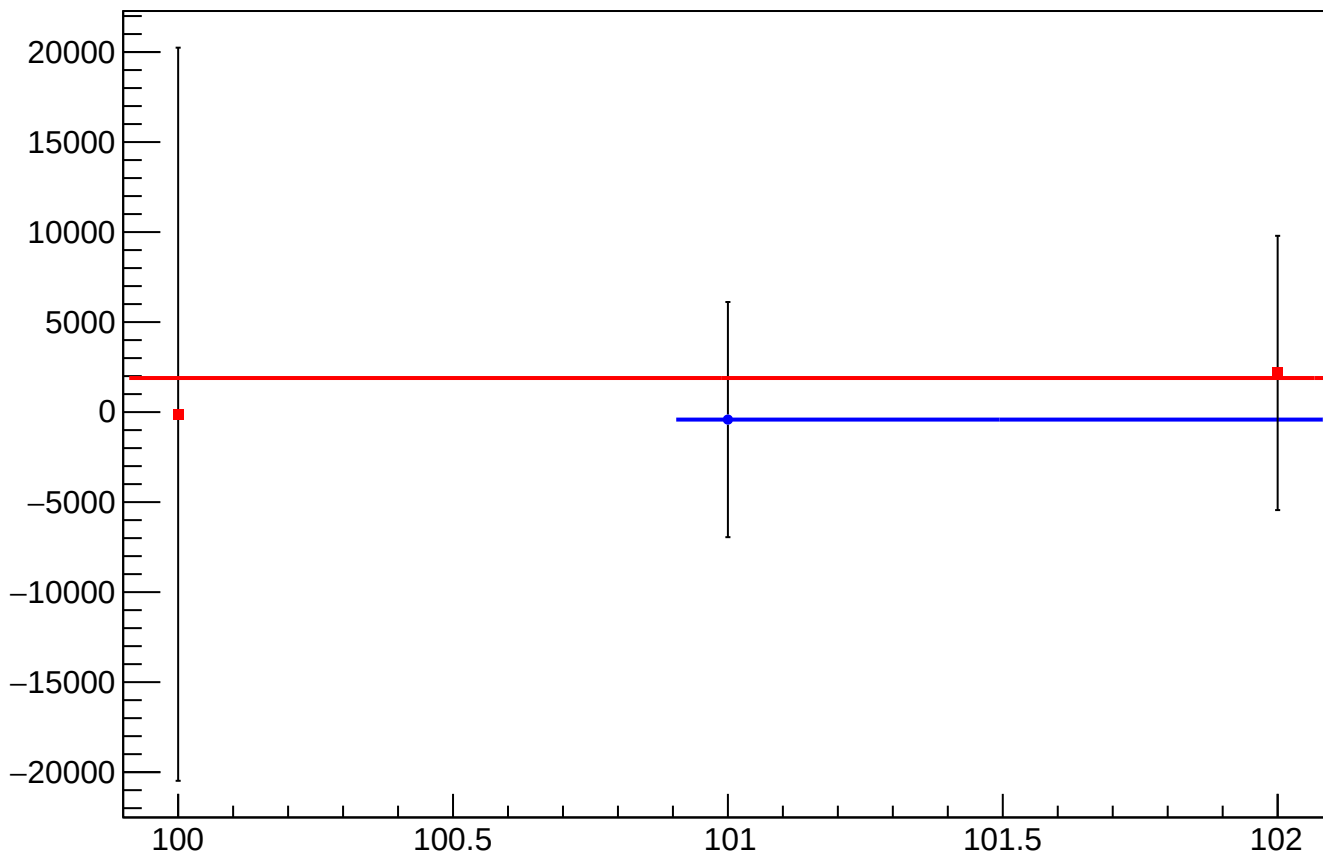
Right: 2469.616+/-1.542 χ^2/NDF : 22760.3/2

In: 2674.215+/-2.332 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2469.616+/-1.542 χ^2/NDF : 22760.3/2

asym_atl1r2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -415.385+/-6531.384 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1893.431+/-7134.342 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

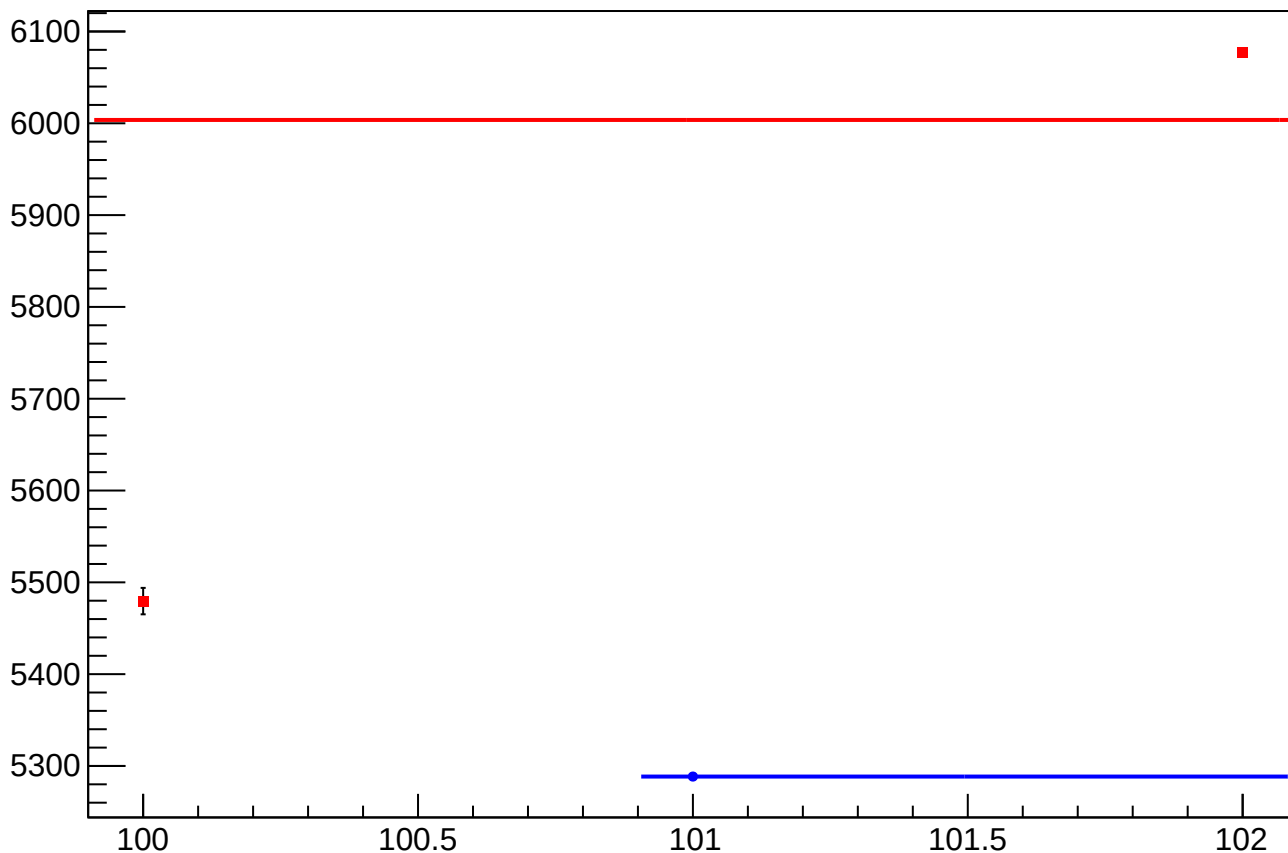
Right: 637.351+/-4817.471 χ^2/NDF : 0.1/2

In: -415.385+/-6531.384 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 637.351+/-4817.471 χ^2/NDF : 0.1/2

asym_atl1r2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 5288.458 $\pm$ 4.618 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6003.643 $\pm$ 5.045 χ^2 /NDF: 1510.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

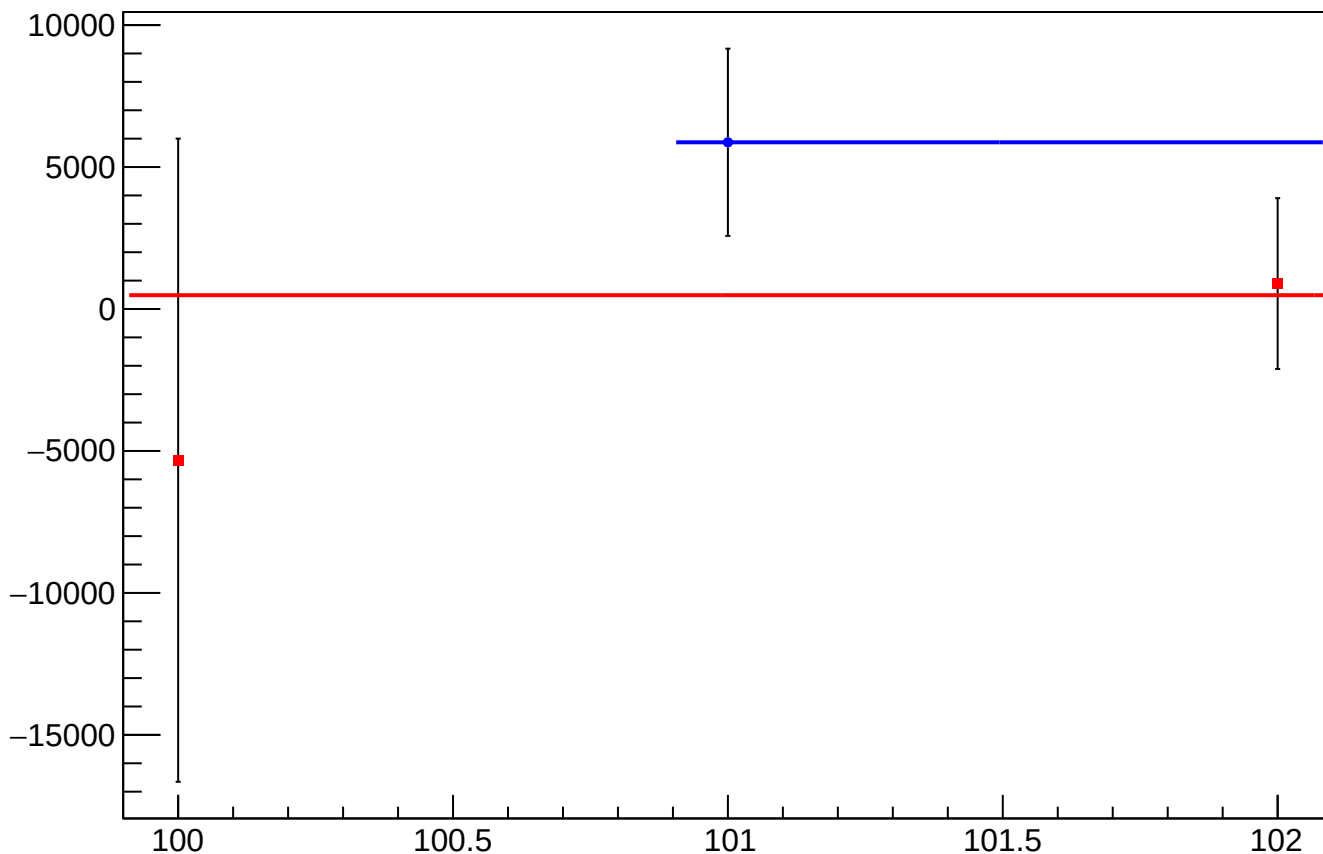
Right: 5614.556 $\pm$ 3.406 χ^2 /NDF: 12444.6/2

In: 5288.458 $\pm$ 4.618 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5614.556 $\pm$ 3.406 χ^2 /NDF: 12444.6/2

cor_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: 5871.405+/-3297.992 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 486.322+/-2907.555 χ^2/NDF : 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

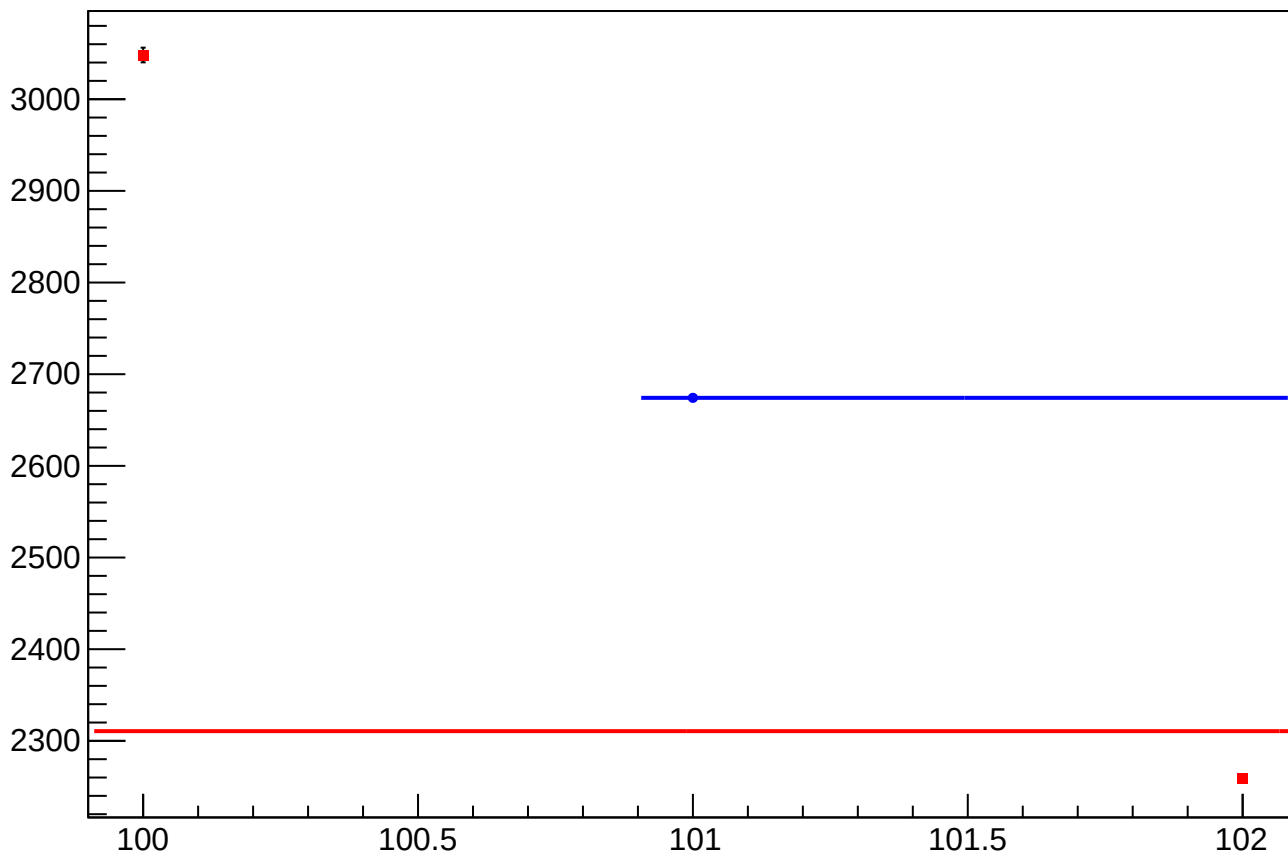
Right: 2841.384+/-2180.994 χ^2/NDF : 1.8/2

In: 5871.405+/-3297.992 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2841.384+/-2180.994 χ^2/NDF : 1.8/2

cor_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 2674.215 ± 2.332 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 2310.598 ± 2.056 $\chi^2/\text{NDF}: 9080.4/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

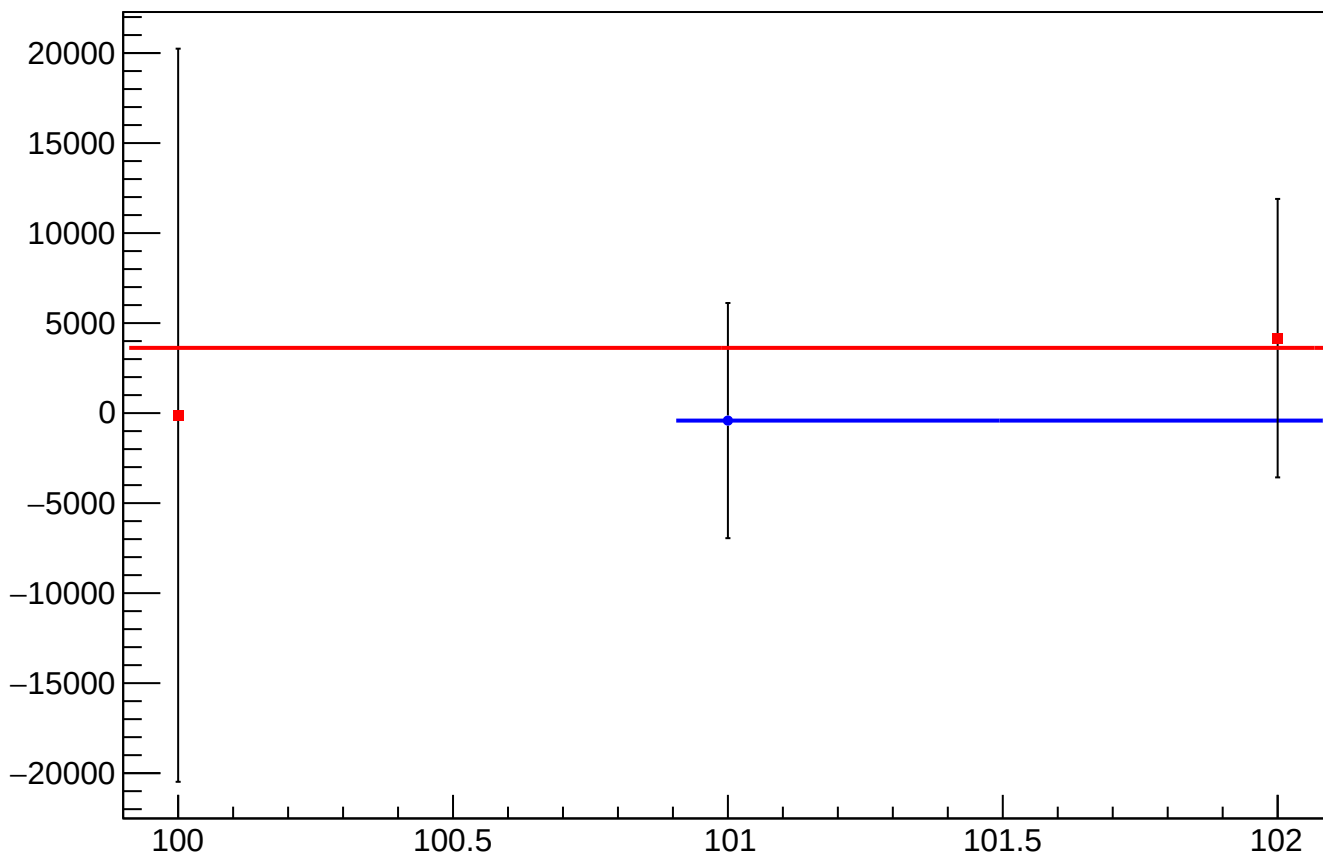
Right: 2469.619 ± 1.542 $\chi^2/\text{NDF}: 22760.0/2$

In: 2674.215 ± 2.332 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 2469.619 ± 1.542 $\chi^2/\text{NDF}: 22760.0/2$

asym_atl1r2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -415.466+/-6531.375 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3623.575+/-7230.139 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

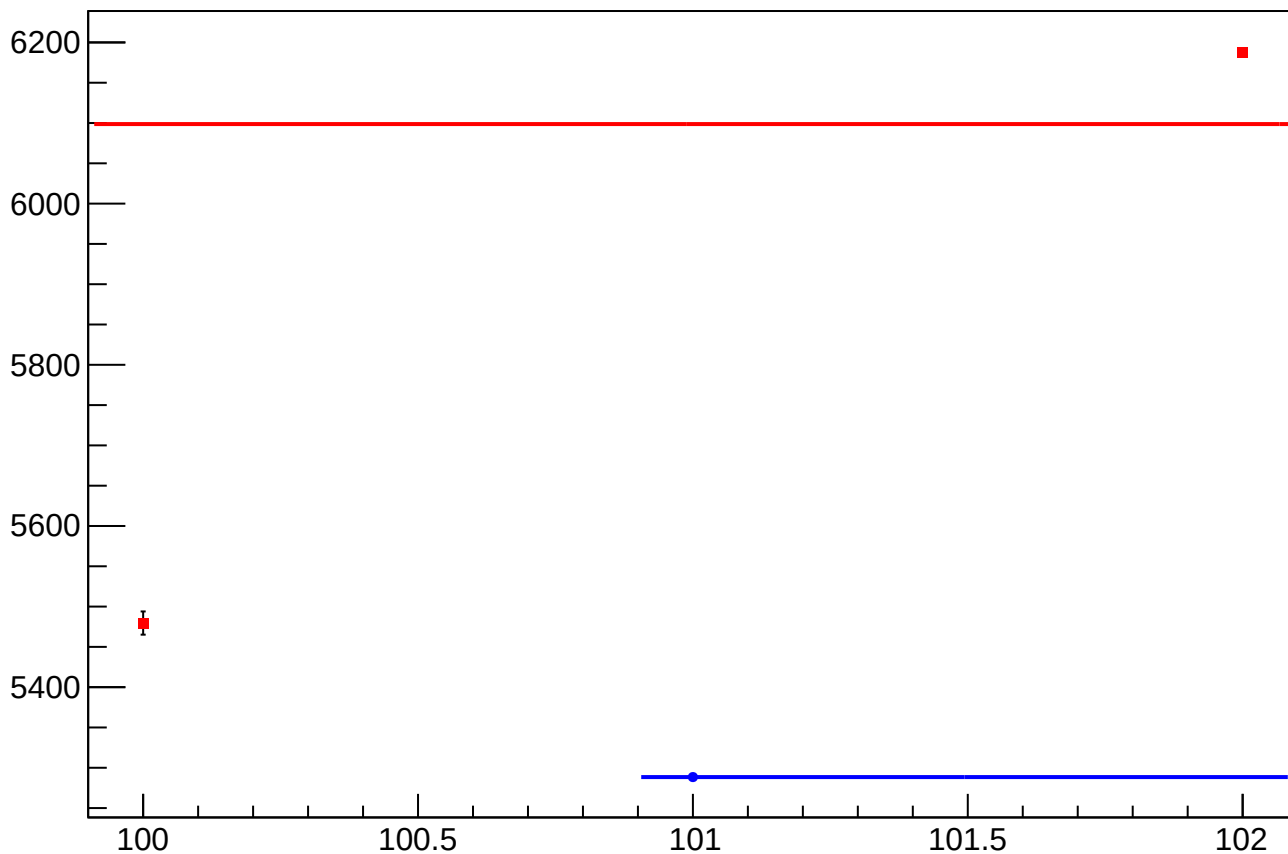
Right: 1399.493+/-4846.642 χ^2/NDF : 0.2/2

In: -415.466+/-6531.375 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1399.493+/-4846.642 χ^2/NDF : 0.2/2

asym_atl1r2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 5288.450+/-4.618 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6098.700+/-5.112 χ^2/NDF : 2116.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

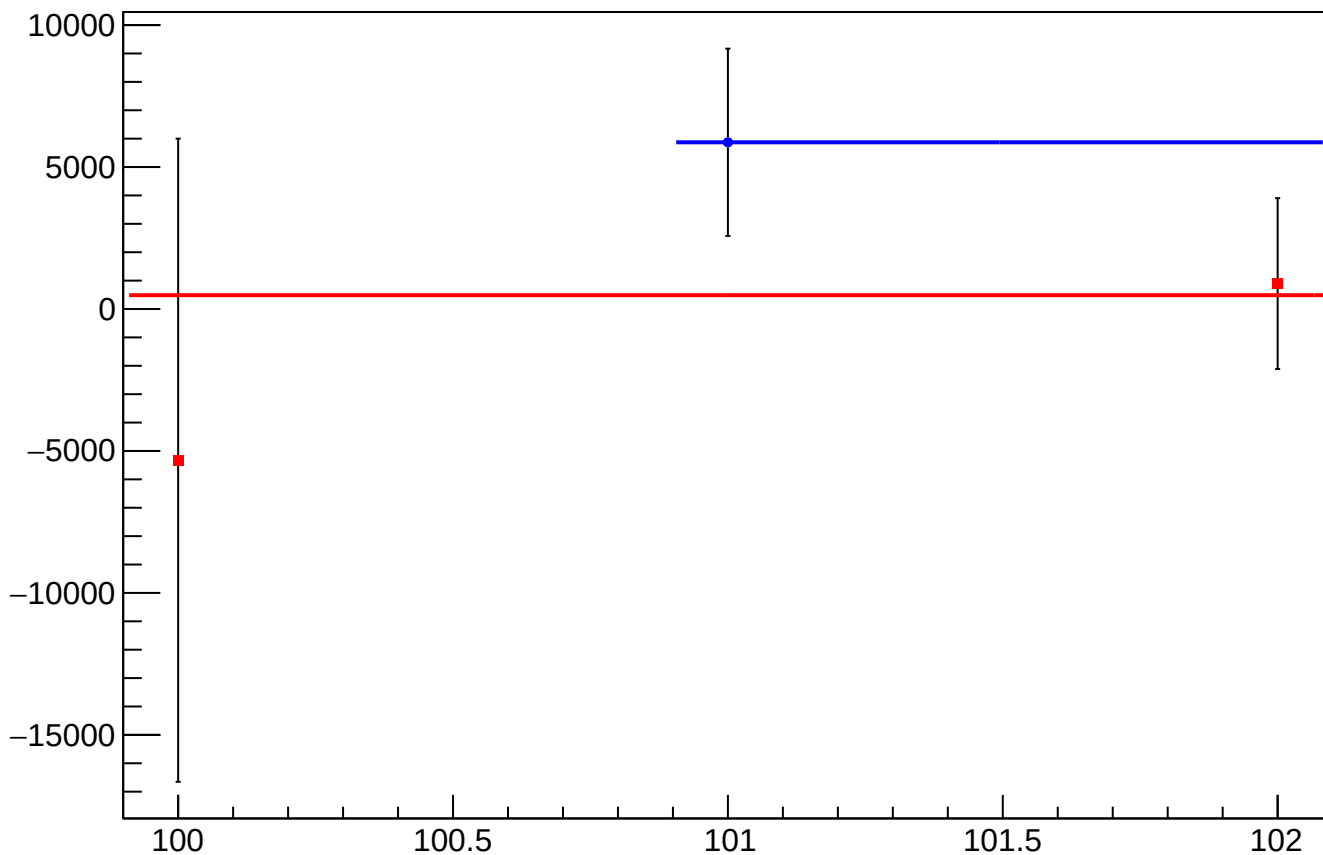
Right: 5652.539+/-3.427 χ^2/NDF : 15946.8/2

In: 5288.450+/-4.618 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5652.539+/-3.427 χ^2/NDF : 15946.8/2

eigen_cor_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: 5871.405+/-3297.992 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 486.322+/-2907.555 χ^2 /NDF: 0.3/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

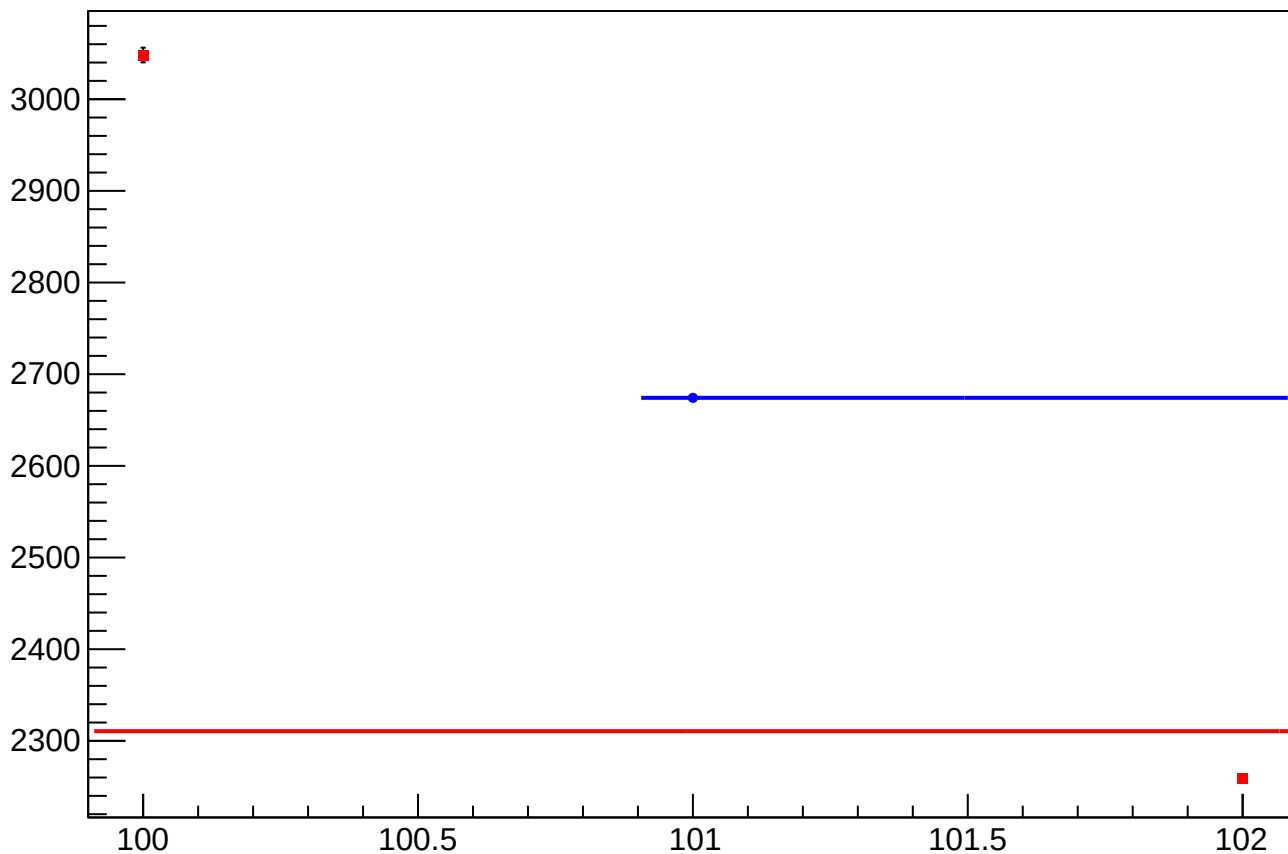
Right: 2841.384+/-2180.994 χ^2 /NDF: 1.8/2

In: 5871.405+/-3297.992 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2841.384+/-2180.994 χ^2 /NDF: 1.8/2

eigen_cor_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 2674.215+/-2.332 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2310.598+/-2.056 χ^2/NDF : 9080.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

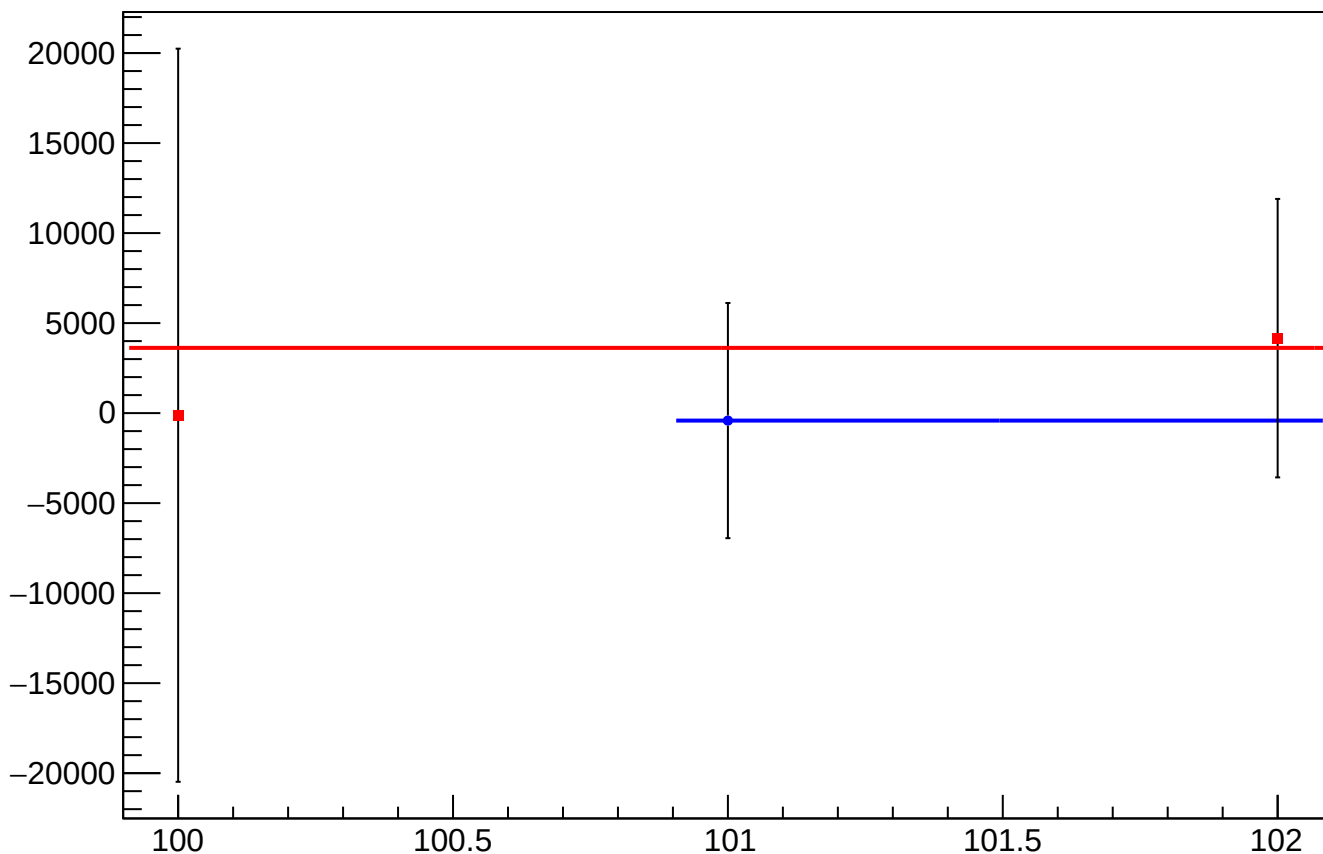
Right: 2469.619+/-1.542 χ^2/NDF : 22760.0/2

In: 2674.215+/-2.332 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2469.619+/-1.542 χ^2/NDF : 22760.0/2

asym_atl1r2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -415.466+/-6531.375 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3623.575+/-7230.139 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

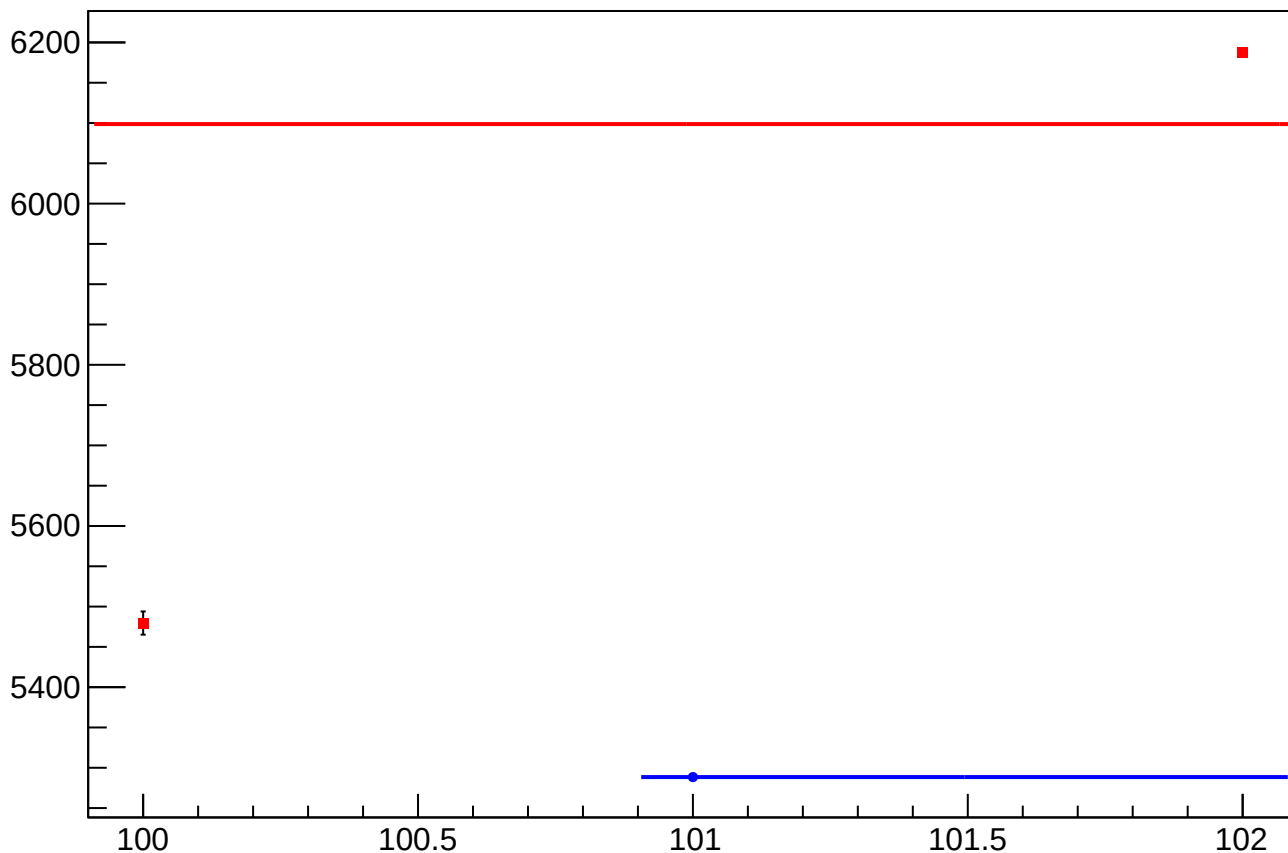
Right: 1399.493+/-4846.642 χ^2/NDF : 0.2/2

In: -415.466+/-6531.375 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1399.493+/-4846.642 χ^2/NDF : 0.2/2

asym_atl1r2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 5288.450+/-4.618 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6098.700+/-5.112 χ^2/NDF : 2116.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

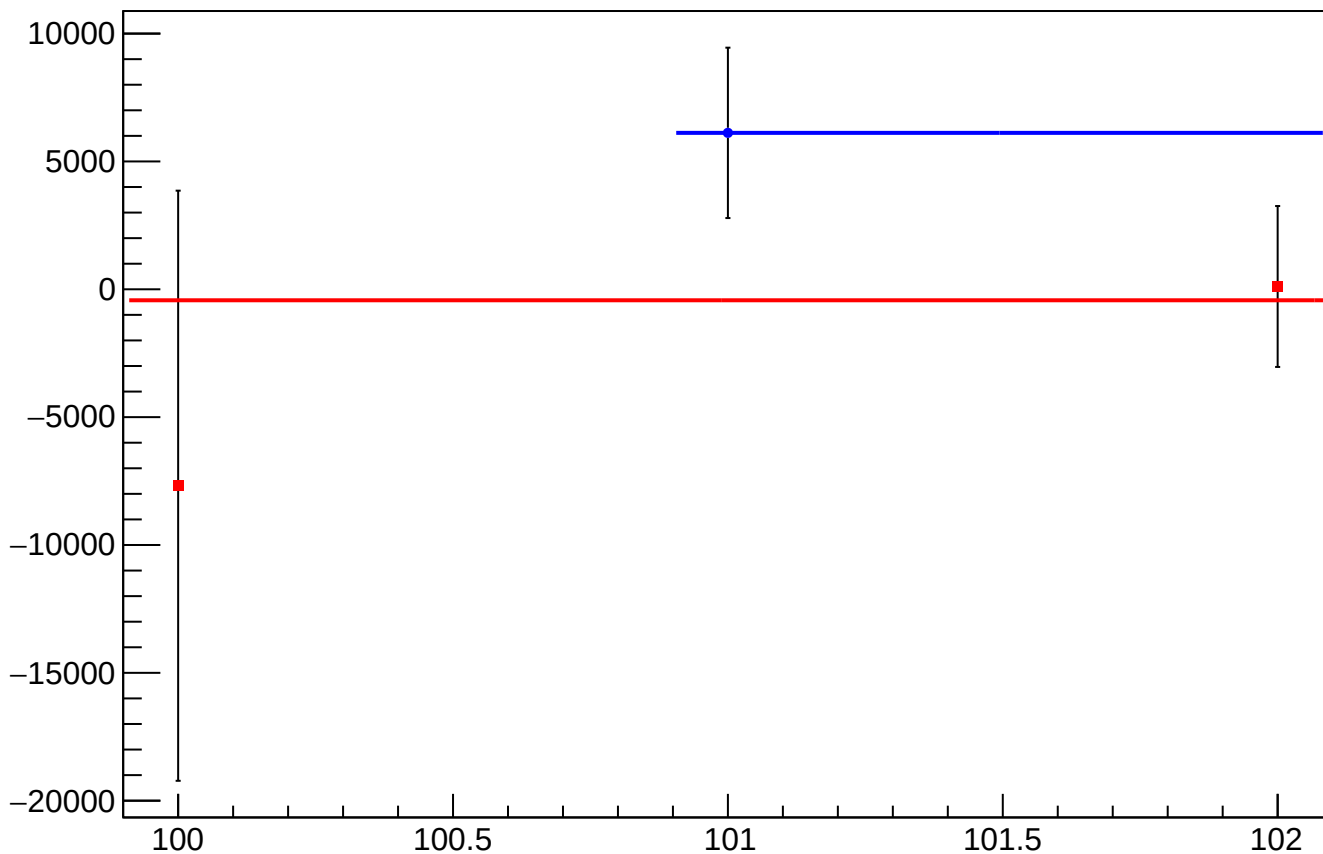
Right: 5652.539+/-3.427 χ^2/NDF : 15946.8/2

In: 5288.450+/-4.618 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5652.539+/-3.427 χ^2/NDF : 15946.8/2

dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: 6117.700+/-3331.675 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -429.762+/-3035.822 χ^2 /NDF: 0.4/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

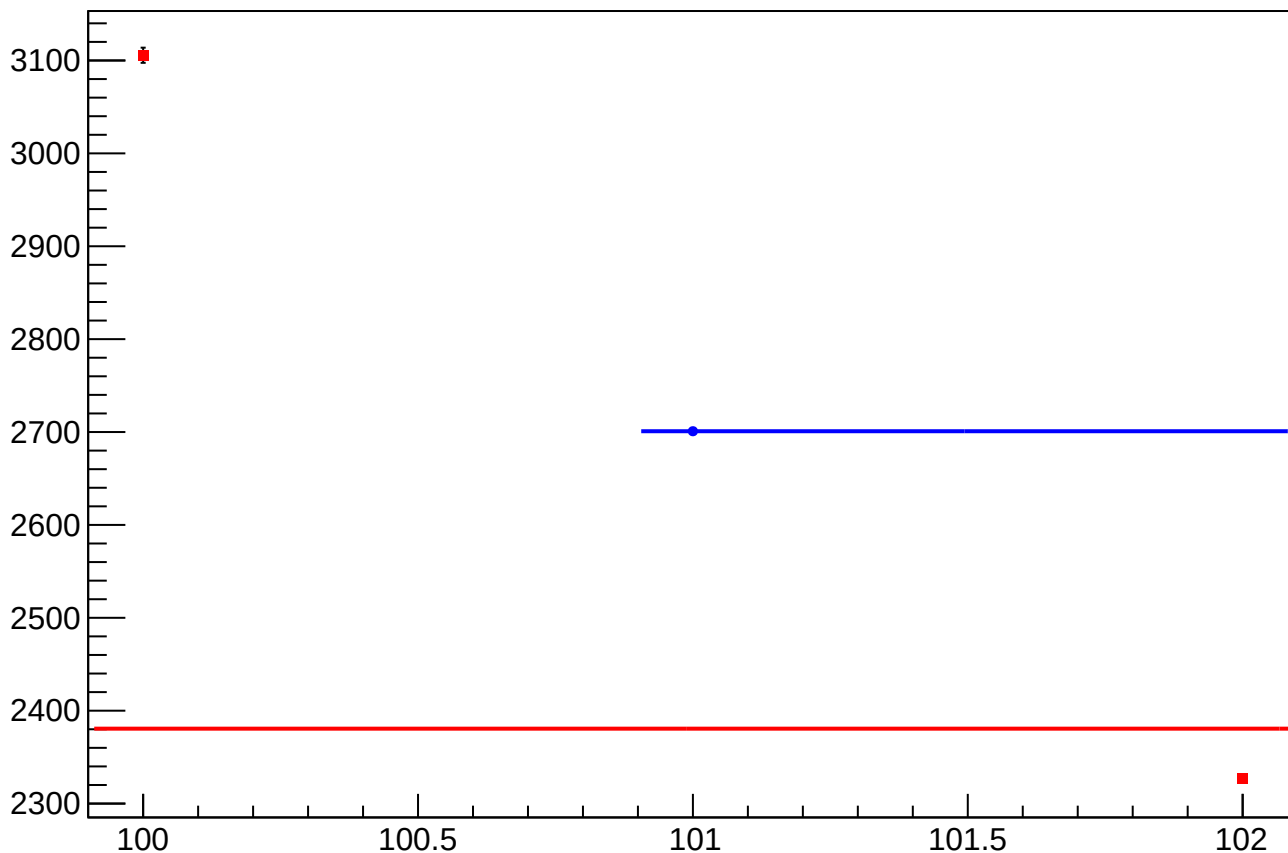
Right: 2540.410+/-2243.970 χ^2 /NDF: 2.5/2

In: 6117.700+/-3331.675 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2540.410+/-2243.970 χ^2 /NDF: 2.5/2

dit_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 2700.865 $\pm$ 2.356 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 2380.656 $\pm$ 2.147 χ^2/NDF : 8481.1/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

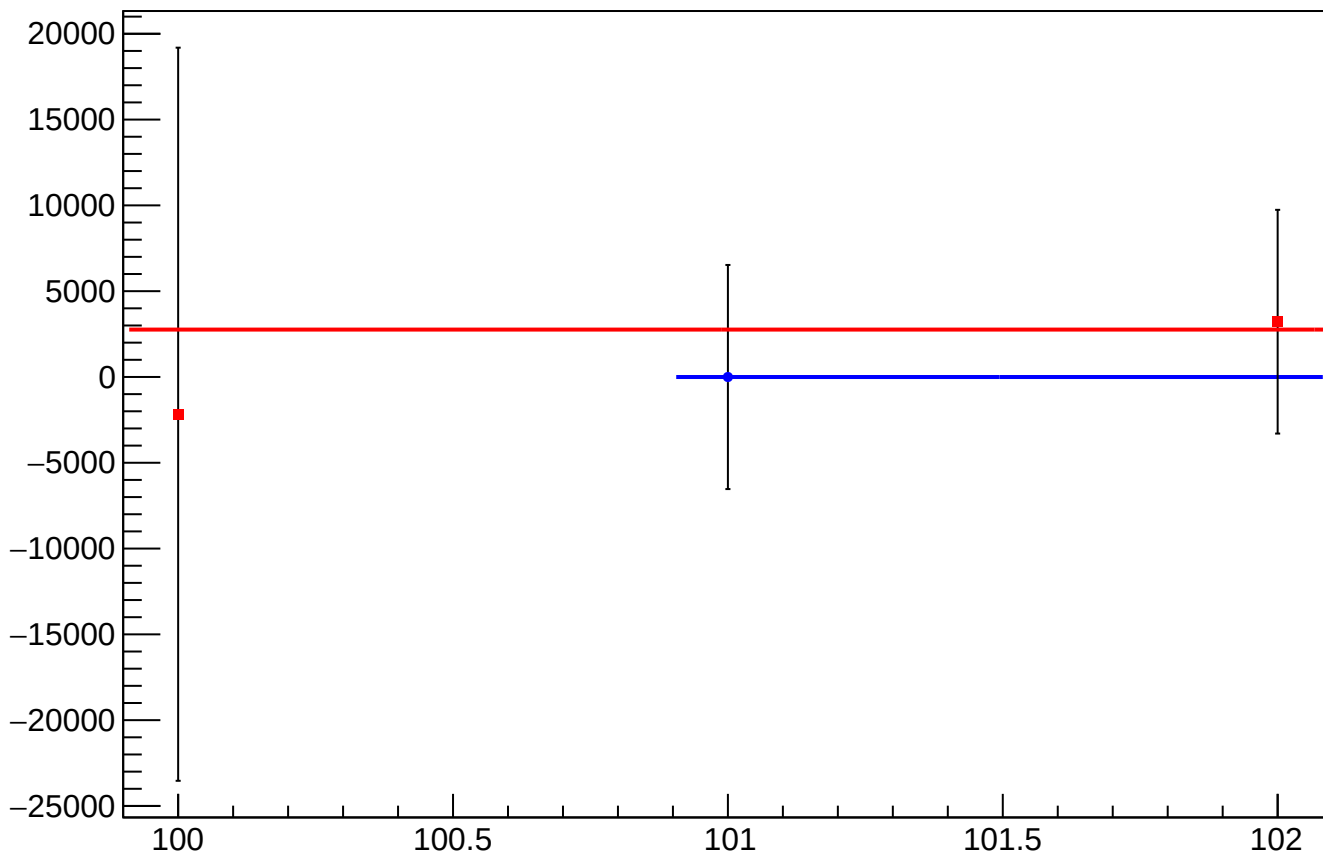
Right: 2525.914 $\pm$ 1.587 χ^2/NDF : 18574.9/2

In: 2700.865 $\pm$ 2.356 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 2525.914 $\pm$ 1.587 χ^2/NDF : 18574.9/2

asym_atl1r2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -2.614+/-6530.274 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2761.569+/-6235.052 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

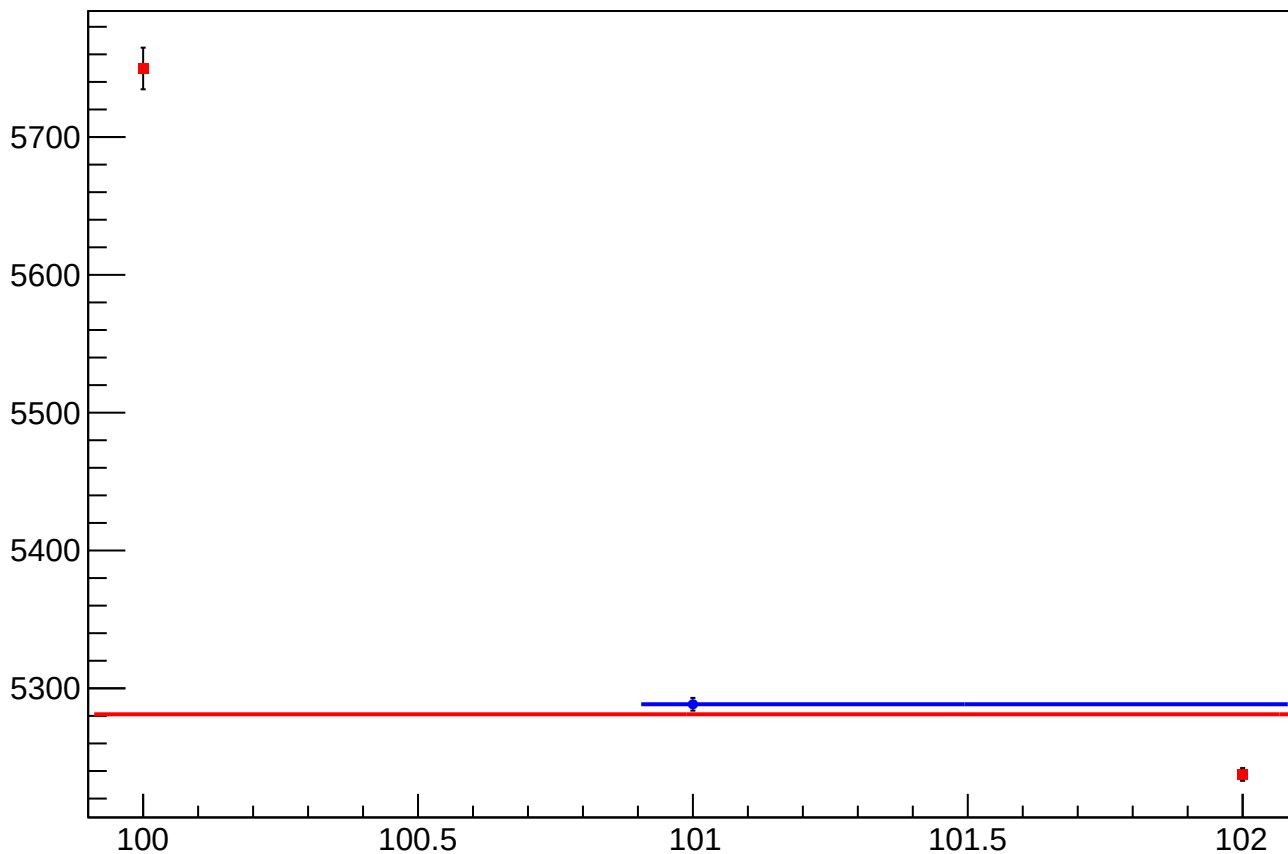
Right: 1443.370+/-4509.605 χ^2/NDF : 0.2/2

In: -2.614+/-6530.274 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1443.370+/-4509.605 χ^2/NDF : 0.2/2

asym_atl1r2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 5288.436+/-4.618 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5281.144+/-4.409 χ^2/NDF : 1052.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

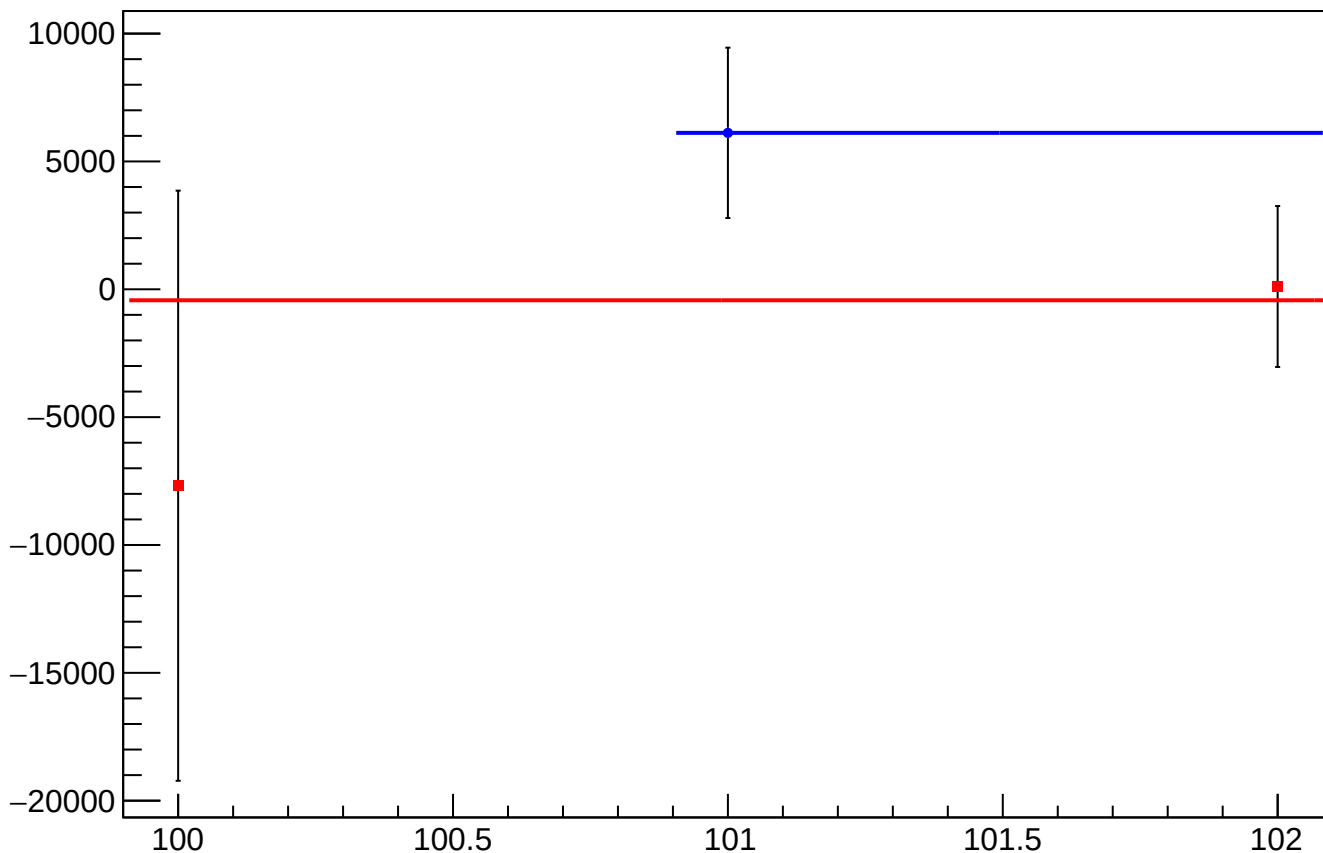
Right: 5284.621+/-3.189 χ^2/NDF : 1053.3/2

In: 5288.436+/-4.618 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5284.621+/-3.189 χ^2/NDF : 1053.3/2

eigen_dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: 6117.737+/-3331.675 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -429.784+/-3035.822 χ^2 /NDF: 0.4/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

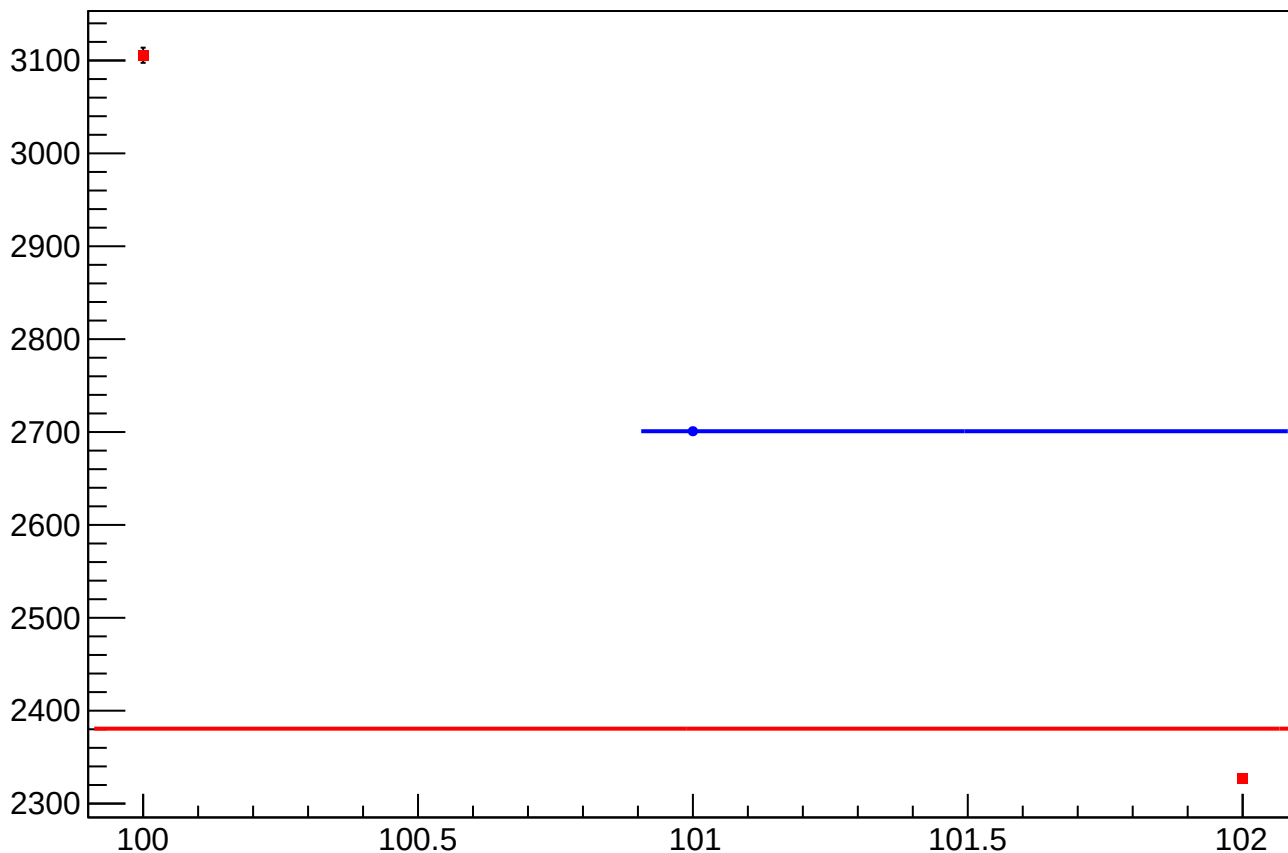
Right: 2540.414+/-2243.969 χ^2 /NDF: 2.5/2

In: 6117.737+/-3331.675 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 2540.414+/-2243.969 χ^2 /NDF: 2.5/2

eigen_dit_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 2700.865+/-2.356 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2380.656+/-2.147 χ^2/NDF : 8481.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

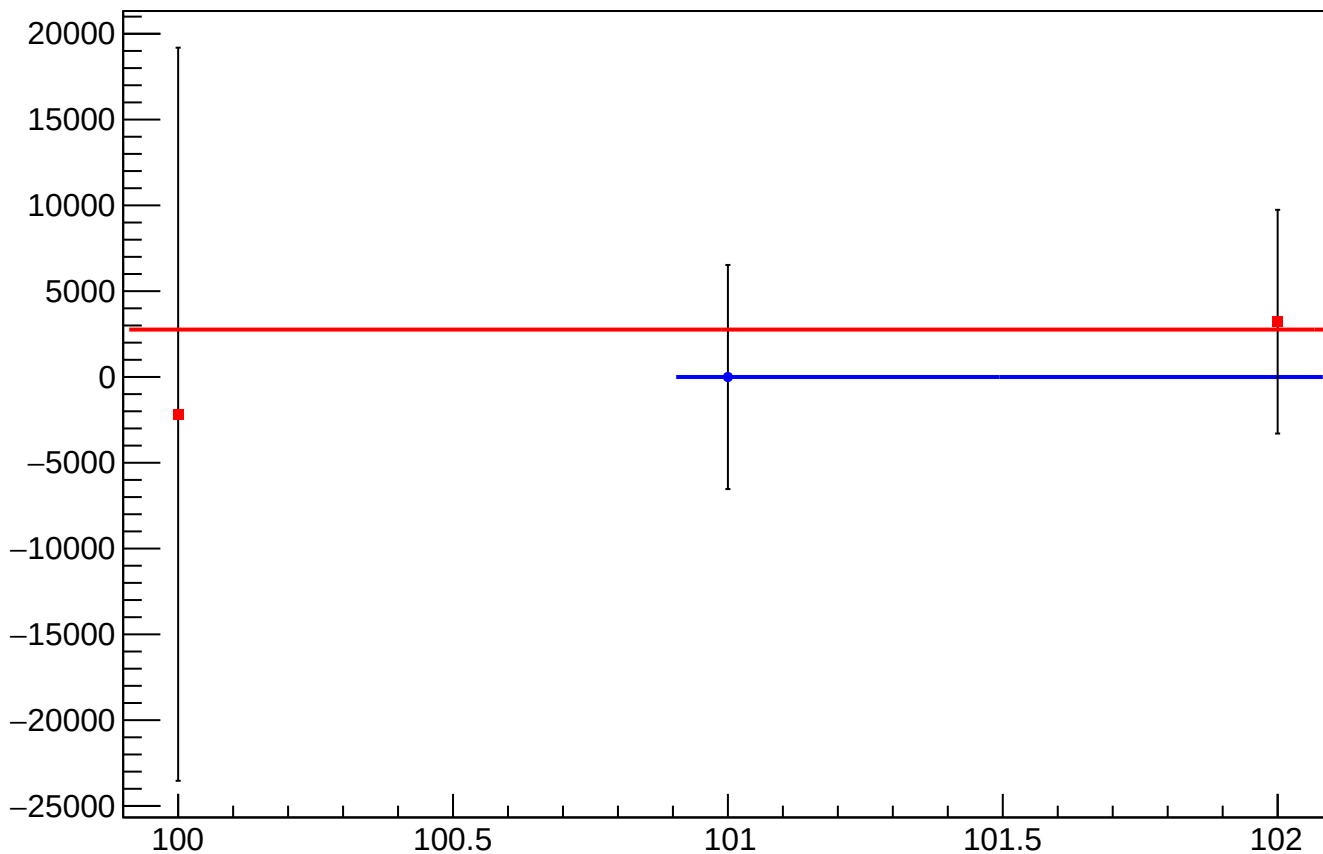
Right: 2525.914+/-1.587 χ^2/NDF : 18574.9/2

In: 2700.865+/-2.356 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2525.914+/-1.587 χ^2/NDF : 18574.9/2

asym_atl1r2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -2.585+/-6530.267 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2761.562+/-6235.055 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

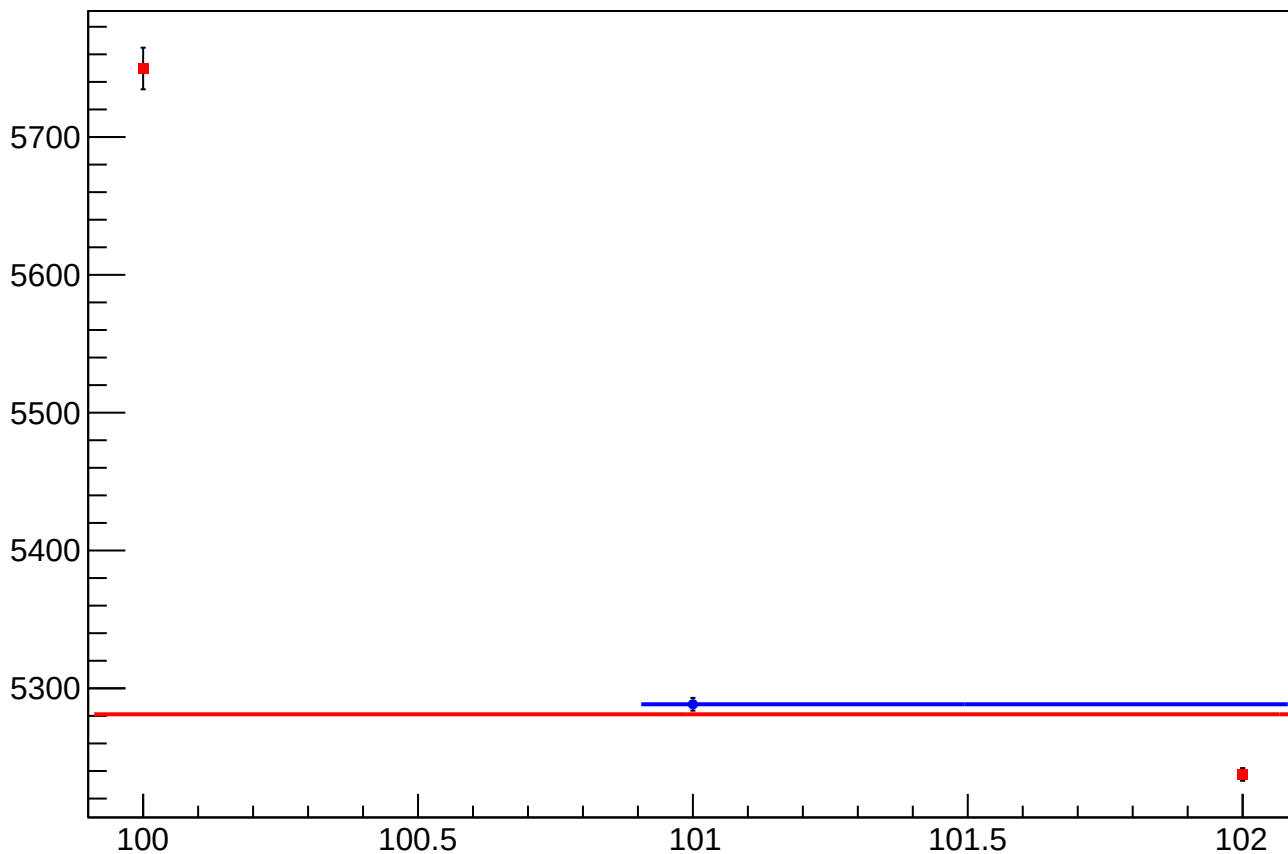
Right: 1443.378+/-4509.603 χ^2/NDF : 0.2/2

In: -2.585+/-6530.267 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1443.378+/-4509.603 χ^2/NDF : 0.2/2

asym_atl1r2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5288.430+/-4.618 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5281.146+/-4.409 χ^2/NDF : 1051.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

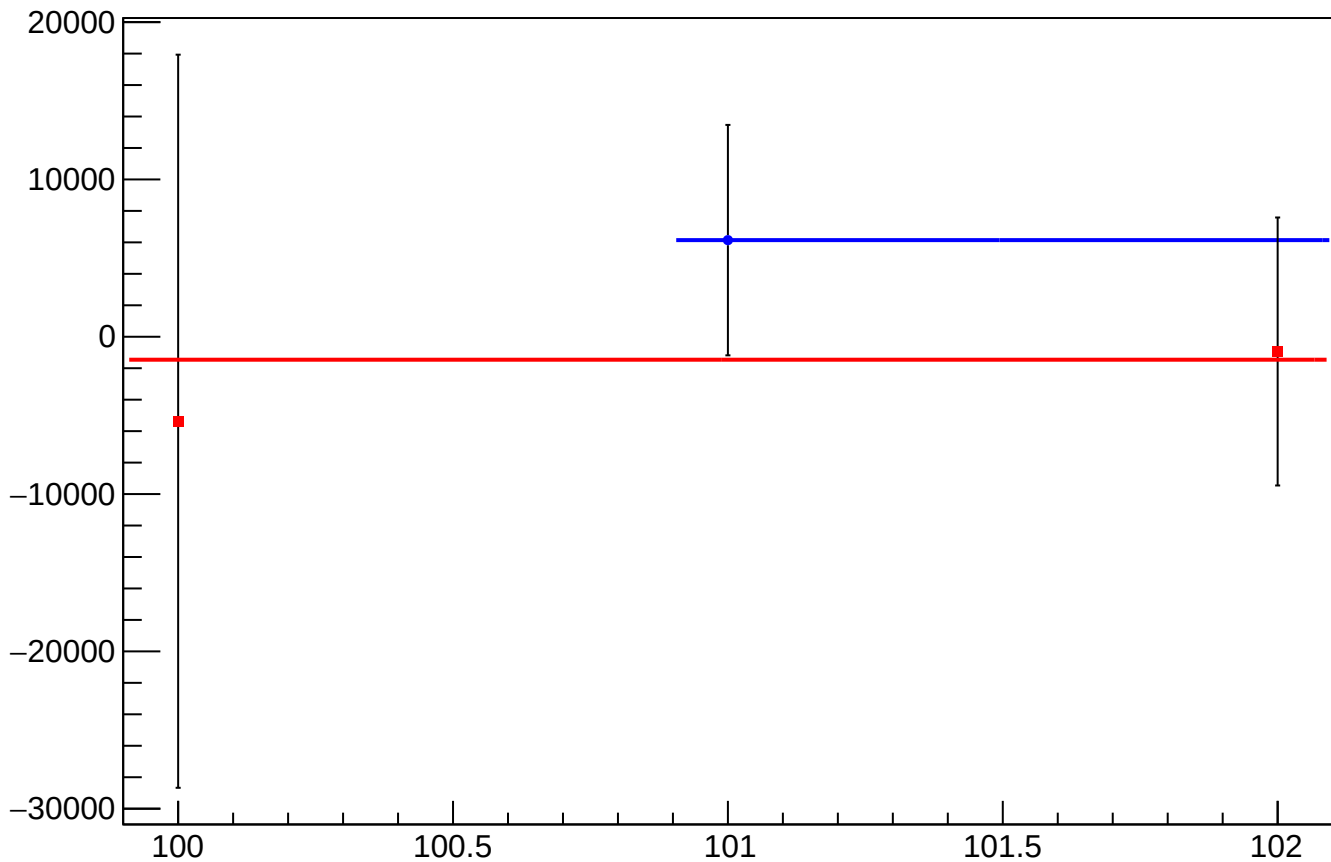
Right: 5284.620+/-3.189 χ^2/NDF : 1053.2/2

In: 5288.430+/-4.618 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5284.620+/-3.189 χ^2/NDF : 1053.2/2

asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: 6142.676+/-7323.785 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1459.265+/-7999.918 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

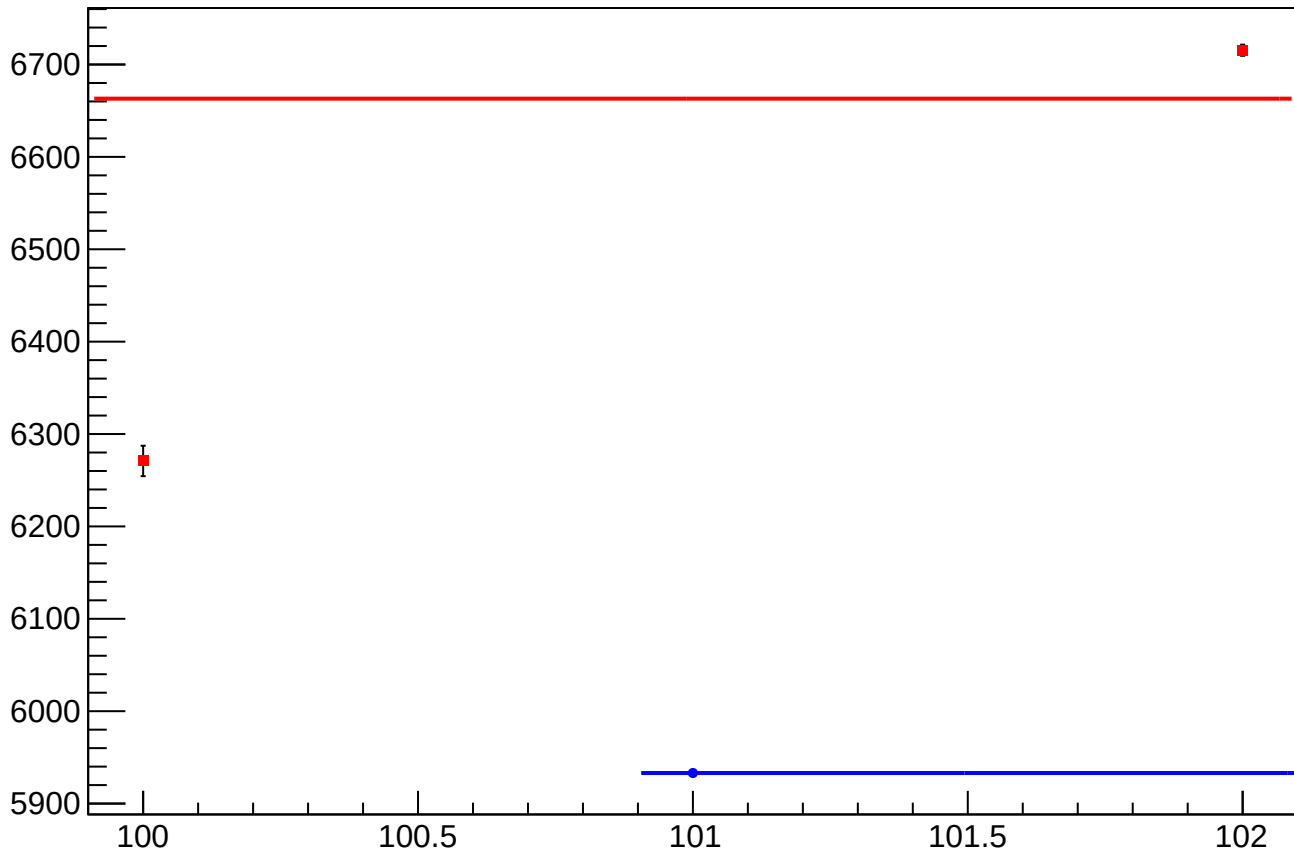
Right: 2676.476+/-5401.944 χ^2/NDF : 0.5/2

In: 6142.676+/-7323.785 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2676.476+/-5401.944 χ^2/NDF : 0.5/2

asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 5933.070 $\pm$ 5.179 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6663.049 $\pm$ 5.657 χ^2 /NDF: 642.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

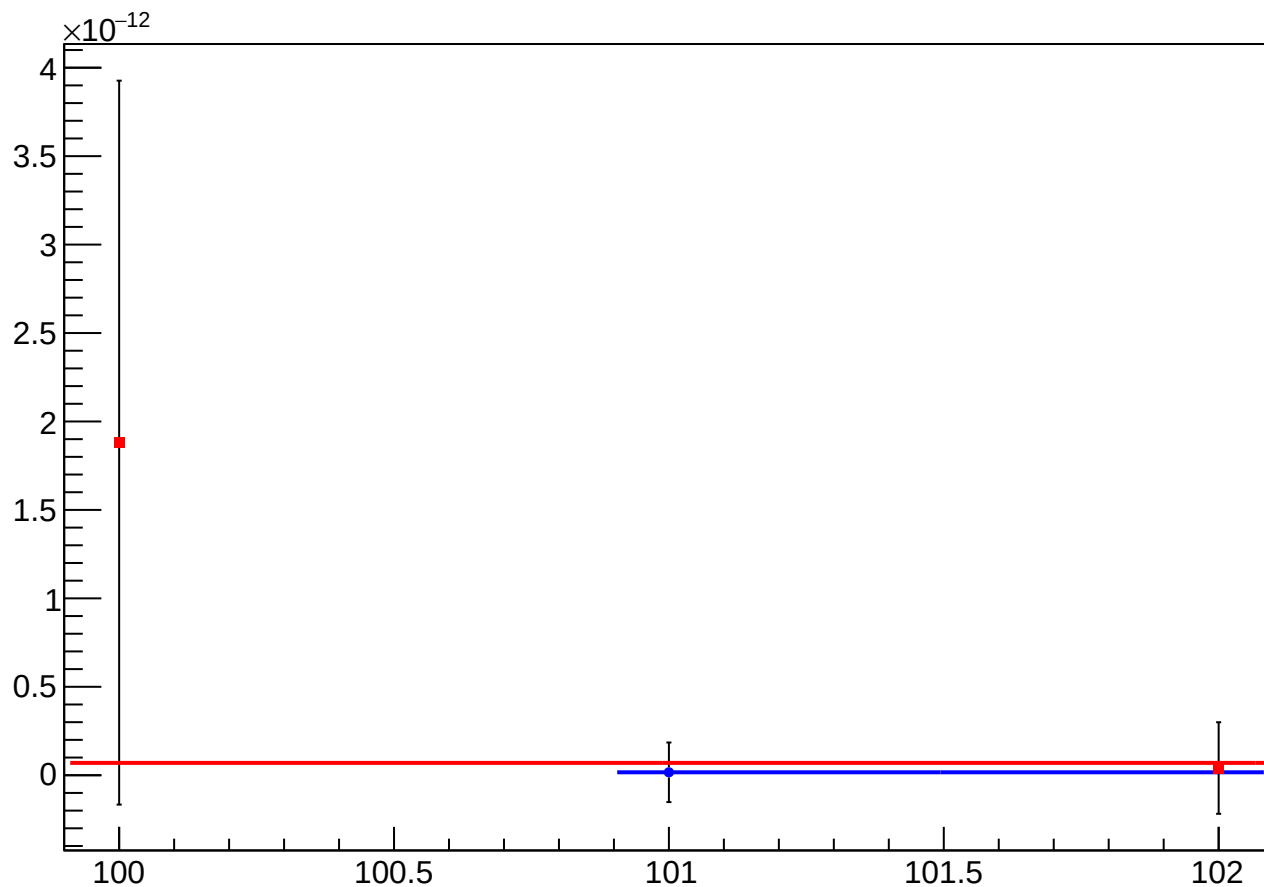
Right: 6265.918 $\pm$ 3.820 χ^2 /NDF: 9702.0/2

In: 5933.070 $\pm$ 5.179 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6265.918 $\pm$ 3.820 χ^2 /NDF: 9702.0/2

asym_atl1r2_dd_reg_vs_cor_diff_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 : 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

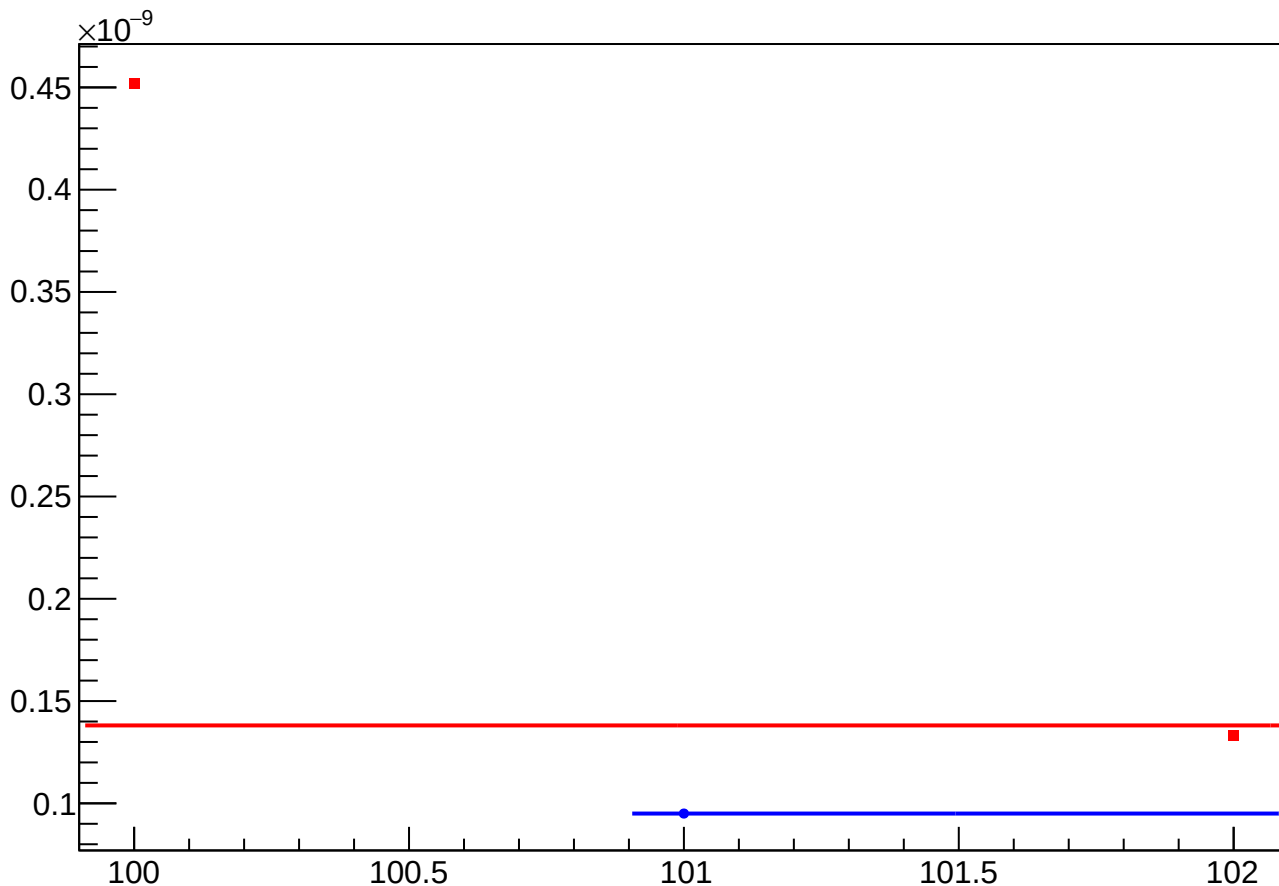
Right: 0.000+/-0.000 χ^2/NDF : 0.8/2

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 : 0.8/2

asym_atl1r2_dd_reg_vs_cor_diff_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 : 47769.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

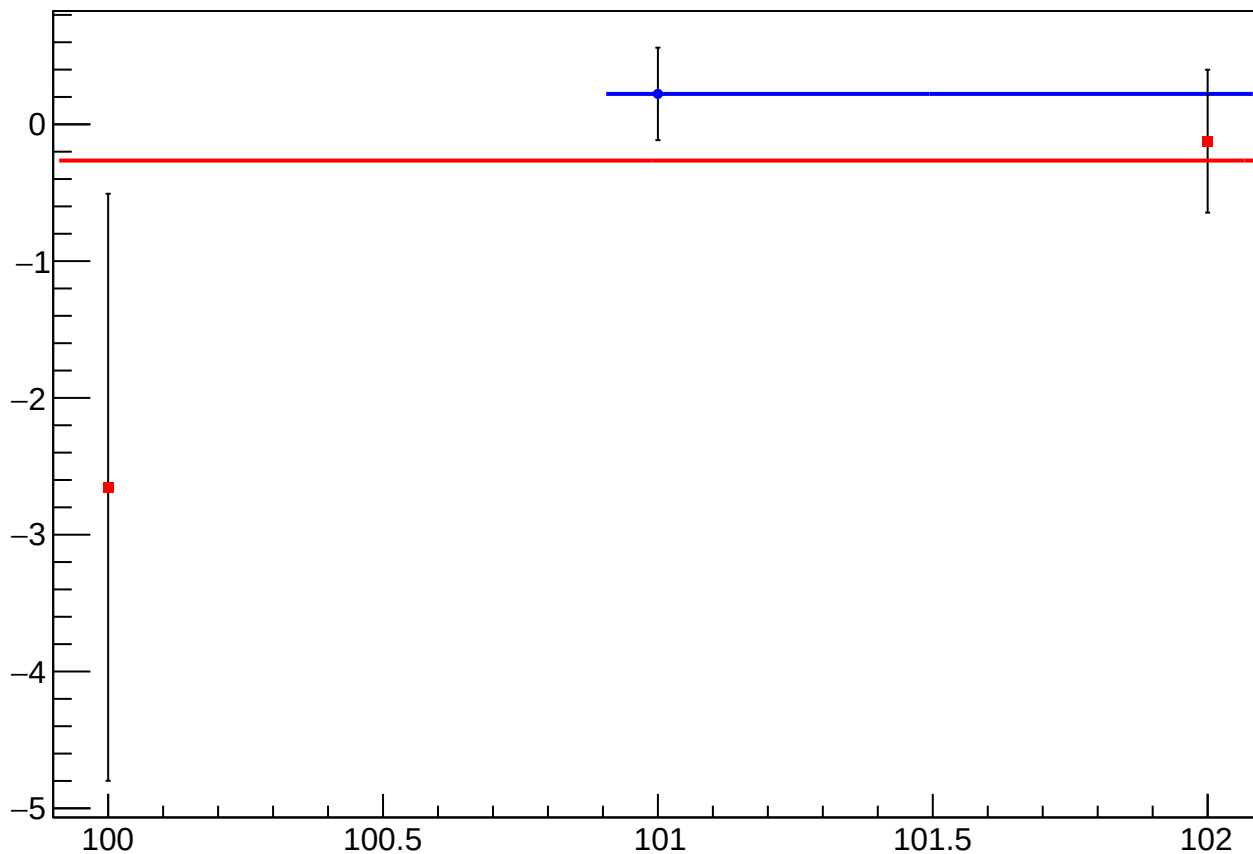
Right: 0.000+/-0.000 χ^2/NDF : 87134.7/2

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 : 87134.7/2

asym_atl1r2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.222+/-0.338 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.265+/-0.508 χ^2/NDF : 1.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

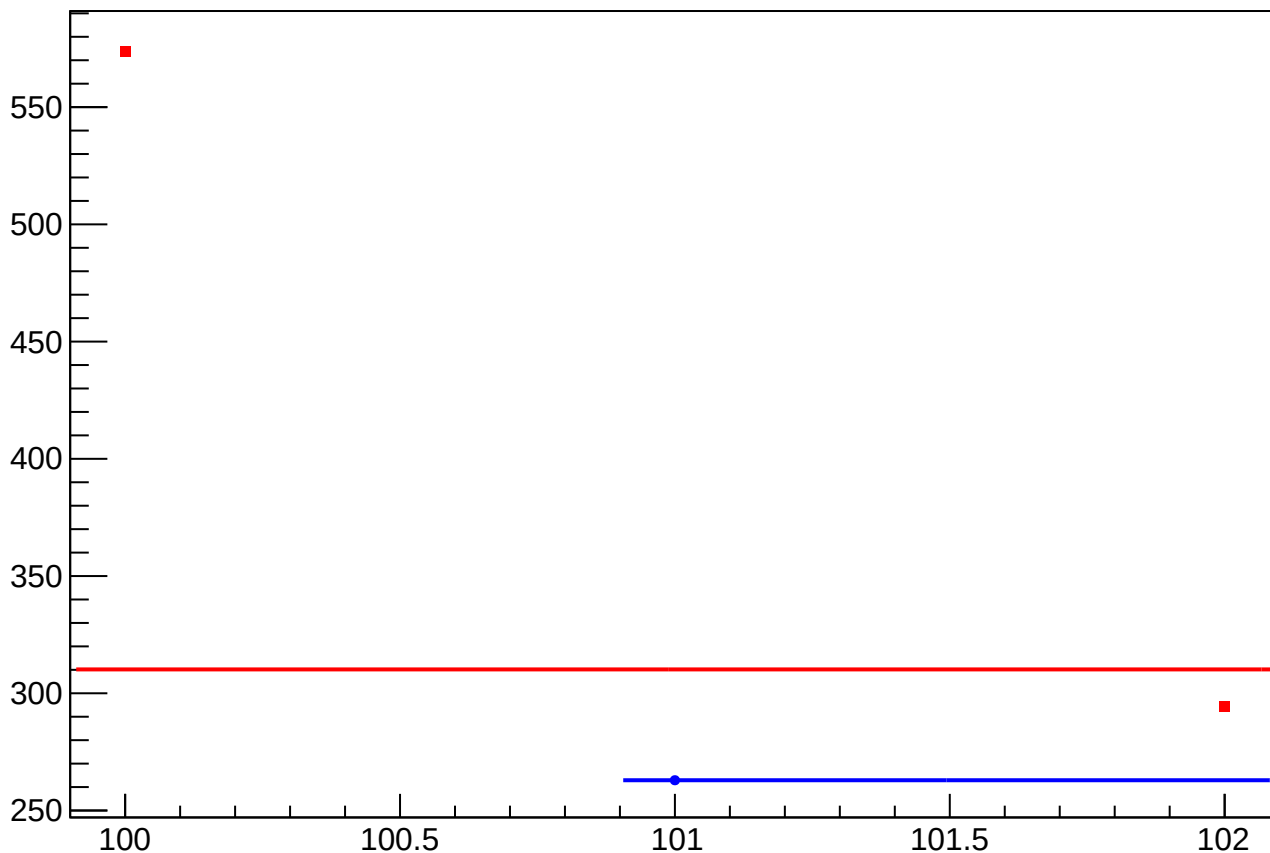
Right: 0.073+/-0.281 χ^2/NDF : 2.0/2

In: 0.222+/-0.338 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.073+/-0.281 χ^2/NDF : 2.0/2

asym_atl1r2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 262.911+/-0.239 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 310.180+/-0.359 χ^2/NDF : 31989.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

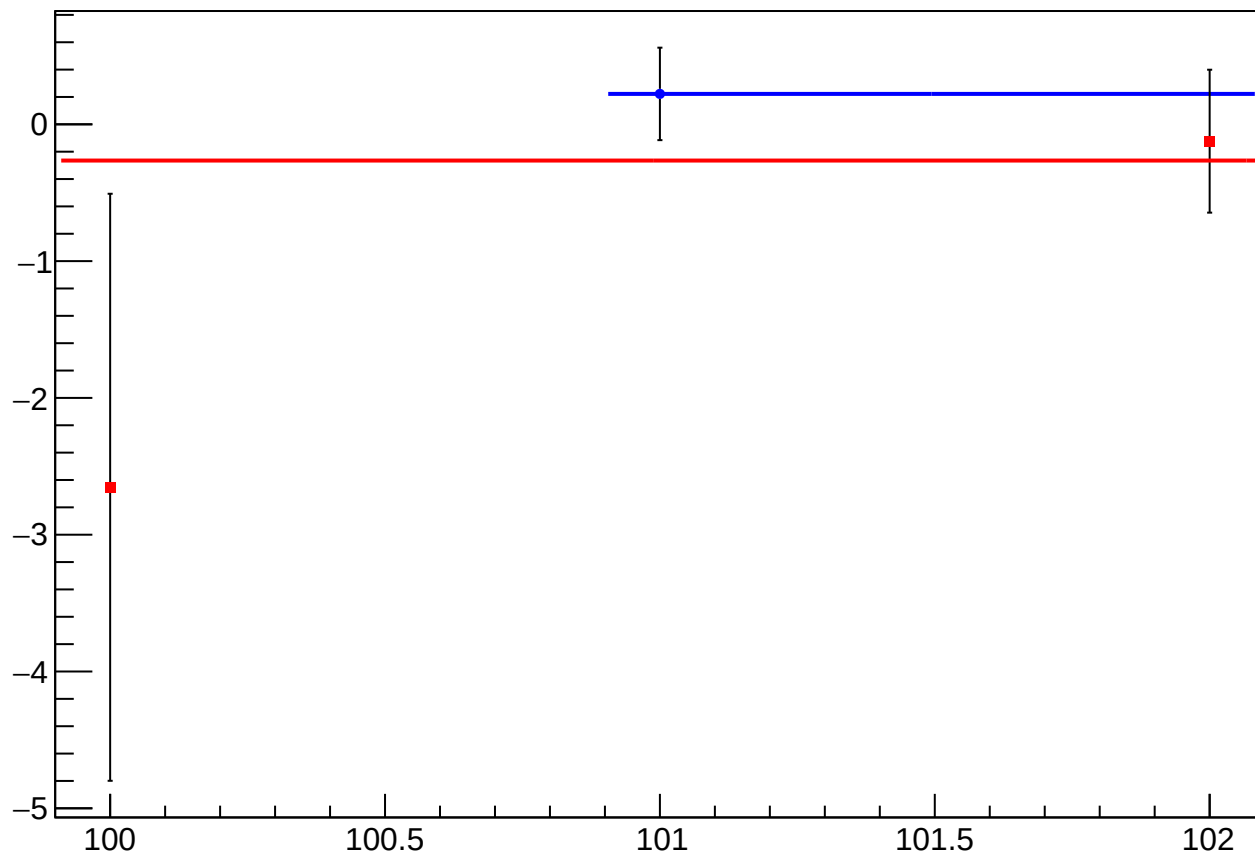
Right: 277.431+/-0.199 χ^2/NDF : 44006.8/2

In: 262.911+/-0.239 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 277.431+/-0.199 χ^2/NDF : 44006.8/2

asym_atl1r2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.222+/-0.338 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.265+/-0.508 χ^2/NDF : 1.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

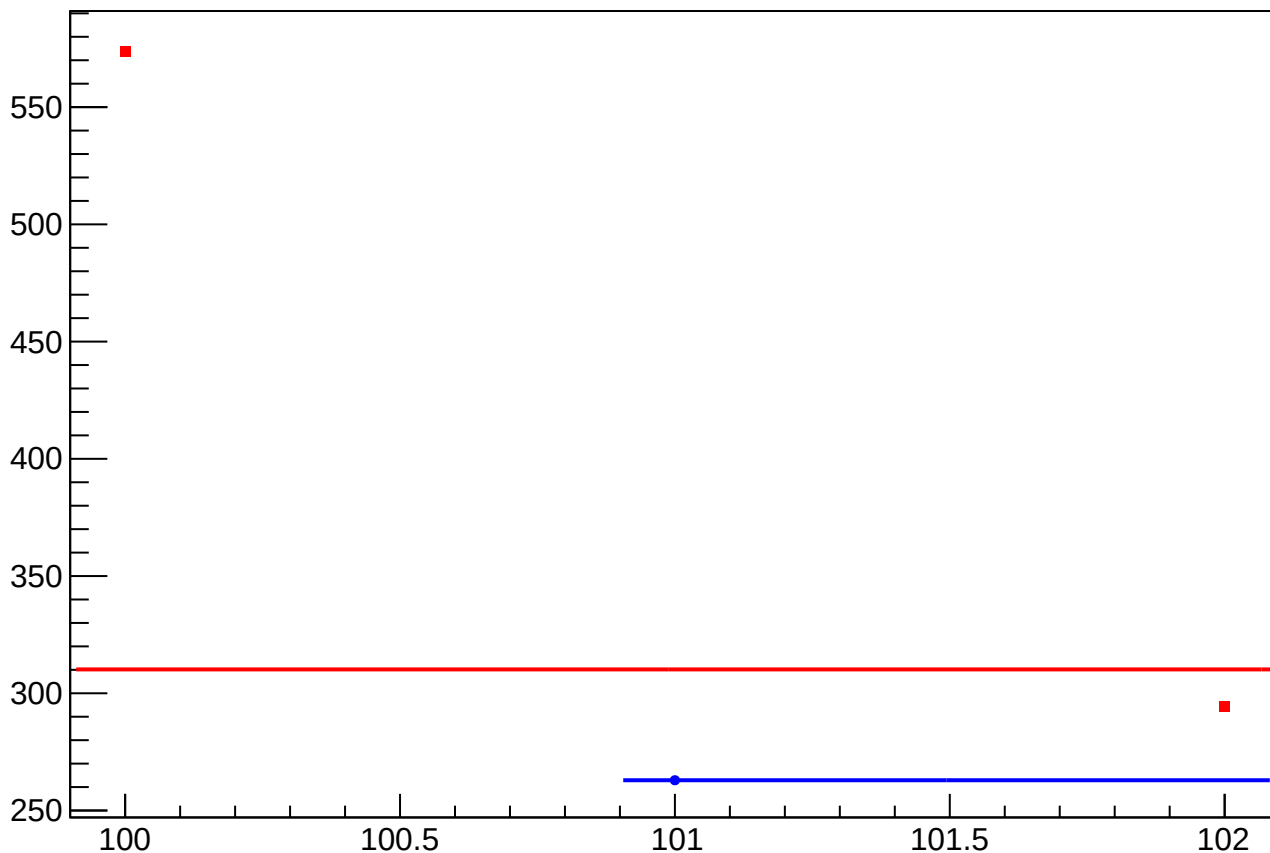
Right: 0.073+/-0.281 χ^2/NDF : 2.0/2

In: 0.222+/-0.338 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.073+/-0.281 χ^2/NDF : 2.0/2

asym_atl1r2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 262.911 $\pm$ 0.239 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 310.180 $\pm$ 0.359 χ^2 /NDF: 31989.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

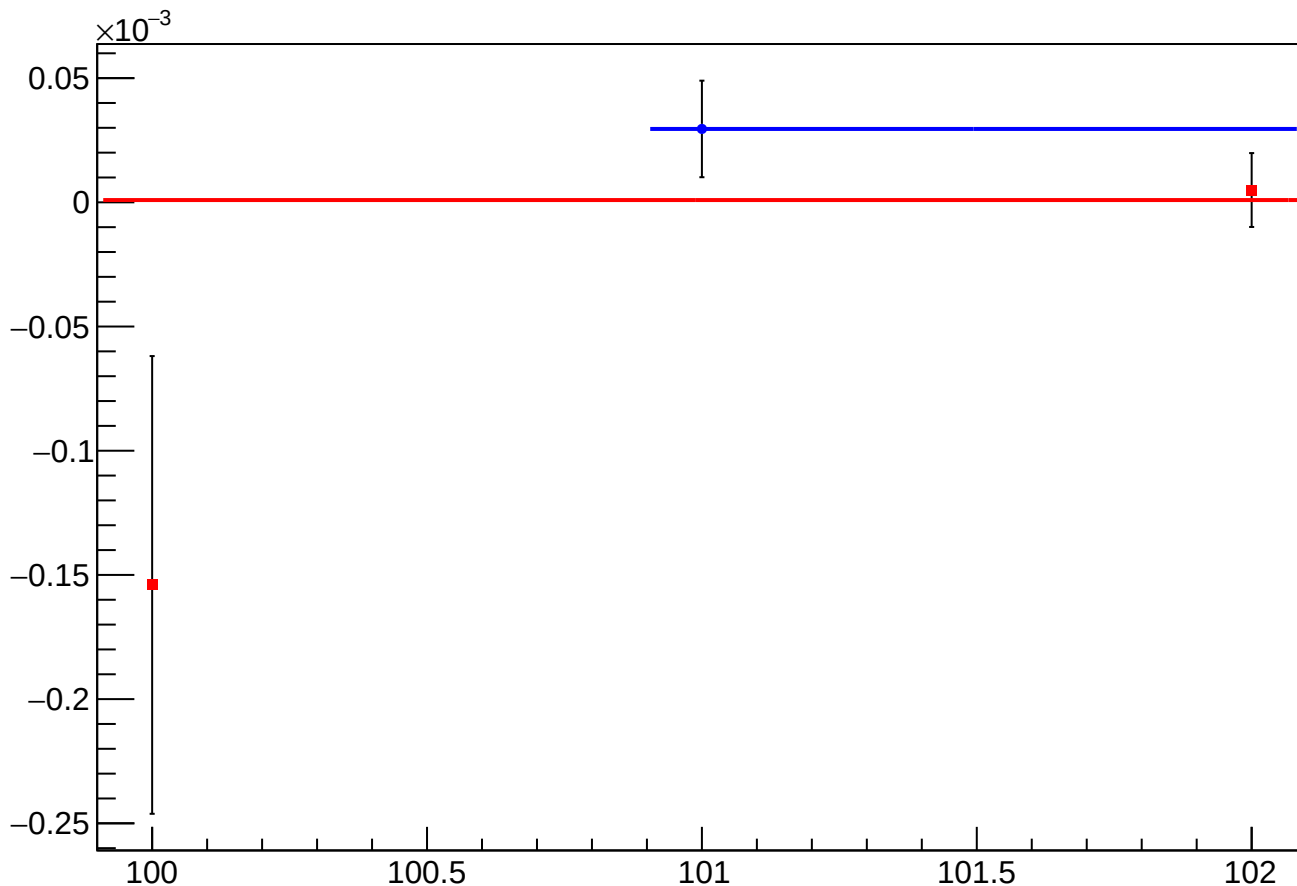
Right: 277.431 $\pm$ 0.199 χ^2 /NDF: 44006.8/2

In: 262.911 $\pm$ 0.239 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 277.431 $\pm$ 0.199 χ^2 /NDF: 44006.8/2

asym_atl1r2_dd_eigen_dit_vs_dit_diff_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 : 2.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

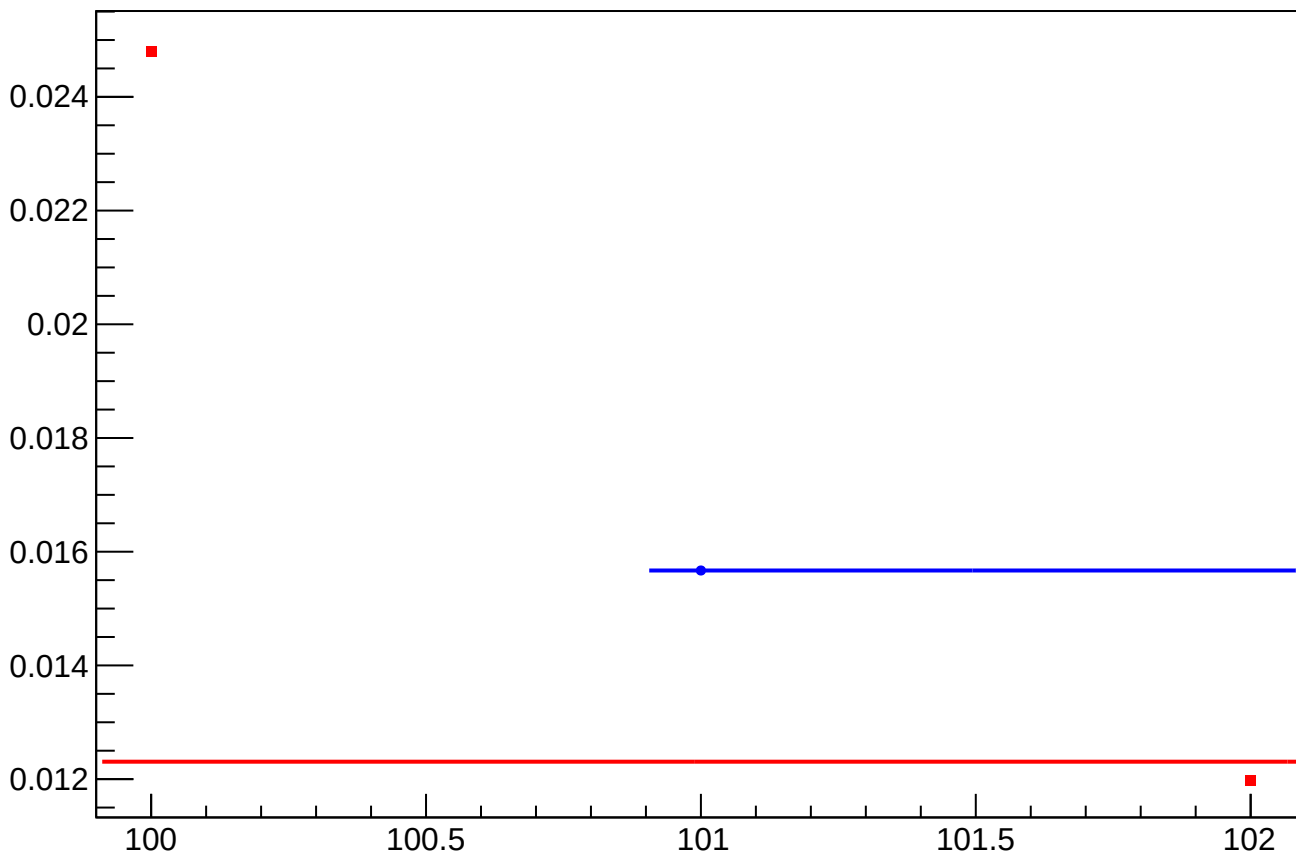
Right: 0.000+/-0.000 χ^2/NDF : 4.3/2

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 : 4.3/2

asym_atl1r2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 37730.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

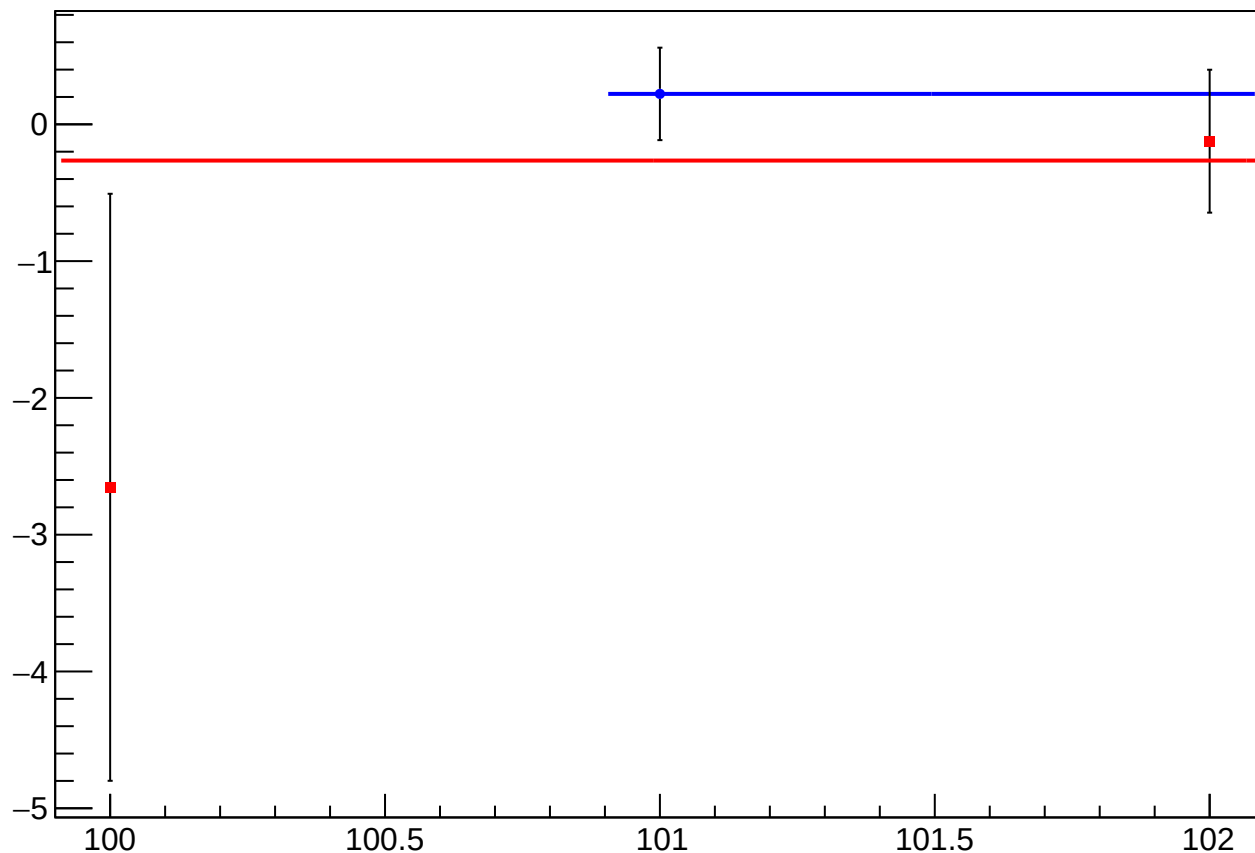
Right: 0.014+/-0.000 χ^2/NDF : 75853.7/2

In: 0.016+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 75853.7/2

asym_atl1r2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.222+/-0.338 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.265+/-0.508 χ^2/NDF : 1.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

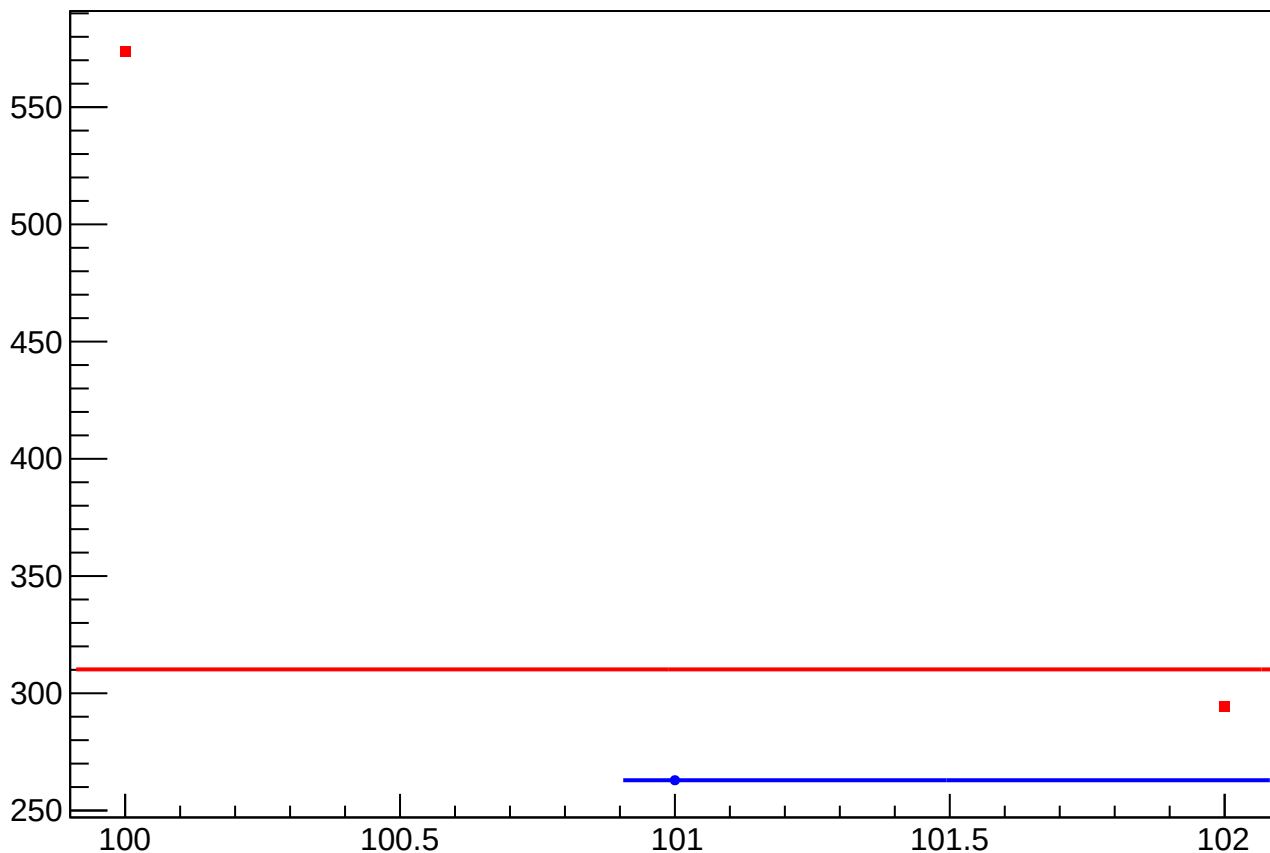
Right: 0.073+/-0.281 χ^2/NDF : 2.0/2

In: 0.222+/-0.338 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.073+/-0.281 χ^2/NDF : 2.0/2

asym_atl1r2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 262.909+/-0.239 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 310.185+/-0.359 χ^2/NDF : 31988.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

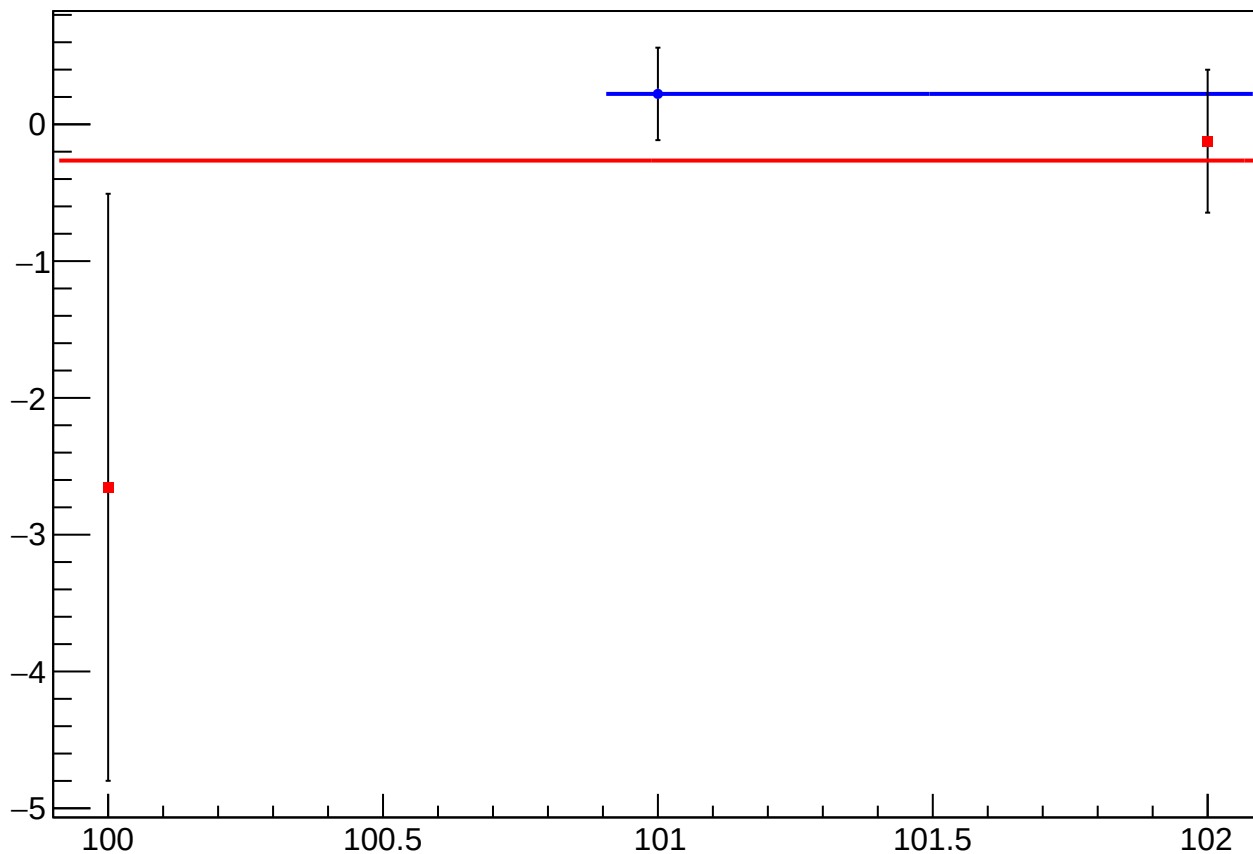
Right: 277.431+/-0.199 χ^2/NDF : 44009.8/2

In: 262.909+/-0.239 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 277.431+/-0.199 χ^2/NDF : 44009.8/2

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.222 $\pm$ 0.338 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.265 $\pm$ 0.508 χ^2 /NDF: 1.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

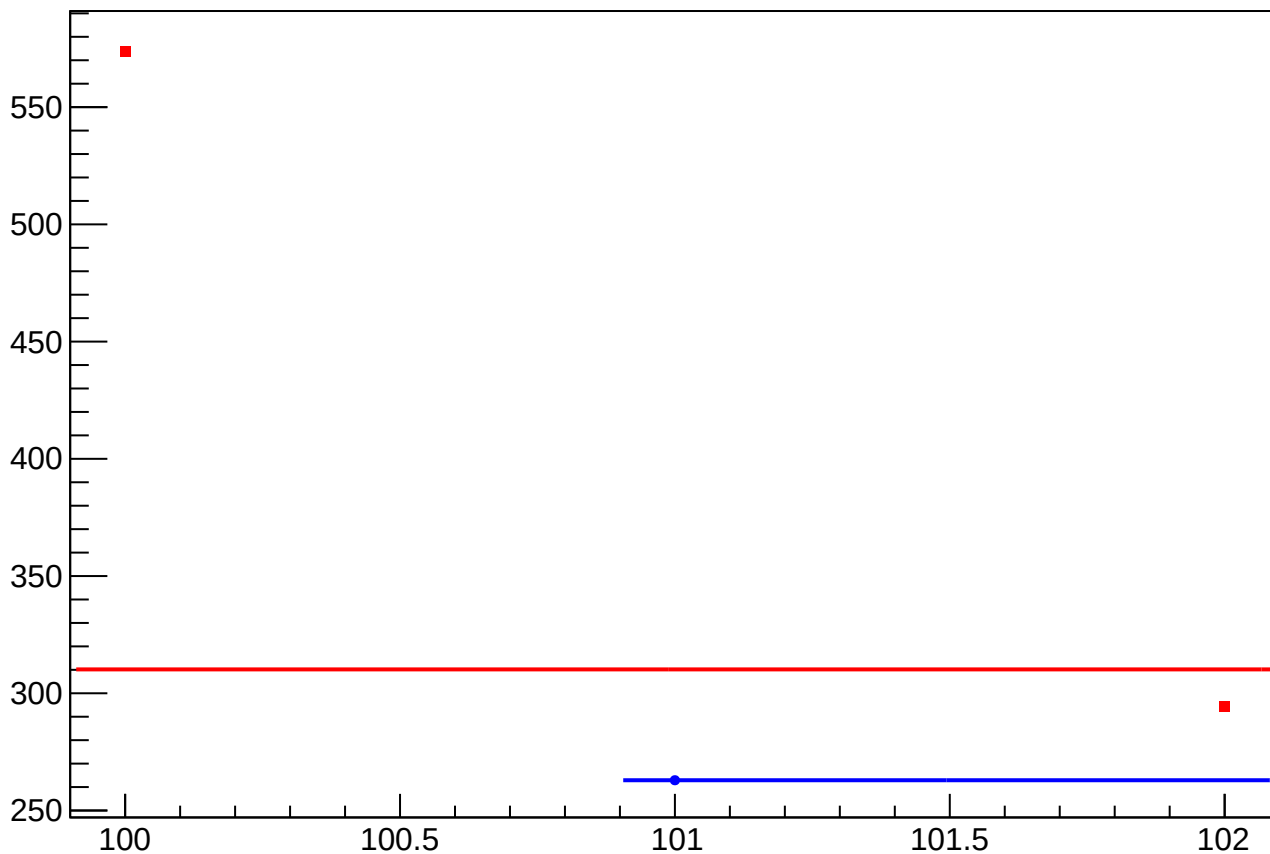
Right: 0.073 $\pm$ 0.281 χ^2 /NDF: 2.0/2

In: 0.222 $\pm$ 0.338 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.073 $\pm$ 0.281 χ^2 /NDF: 2.0/2

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 262.909 $\pm$ 0.239 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 310.185 $\pm$ 0.359 χ^2 /NDF: 31988.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

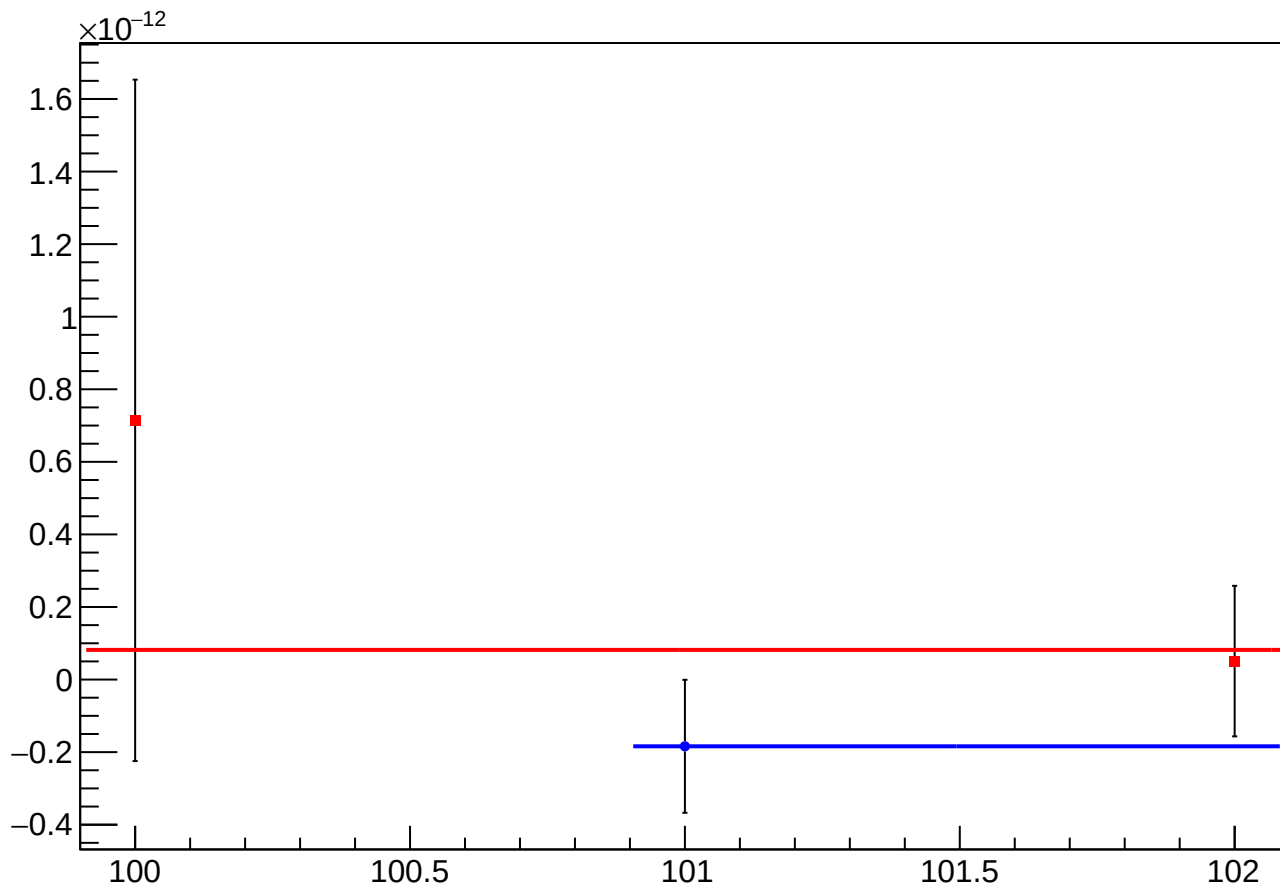
Right: 277.431 $\pm$ 0.199 χ^2 /NDF: 44009.8/2

In: 262.909 $\pm$ 0.239 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 277.431 $\pm$ 0.199 χ^2 /NDF: 44009.8/2

asym_atl1r2_dd_eigen_cor_vs_cor_diff_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 : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

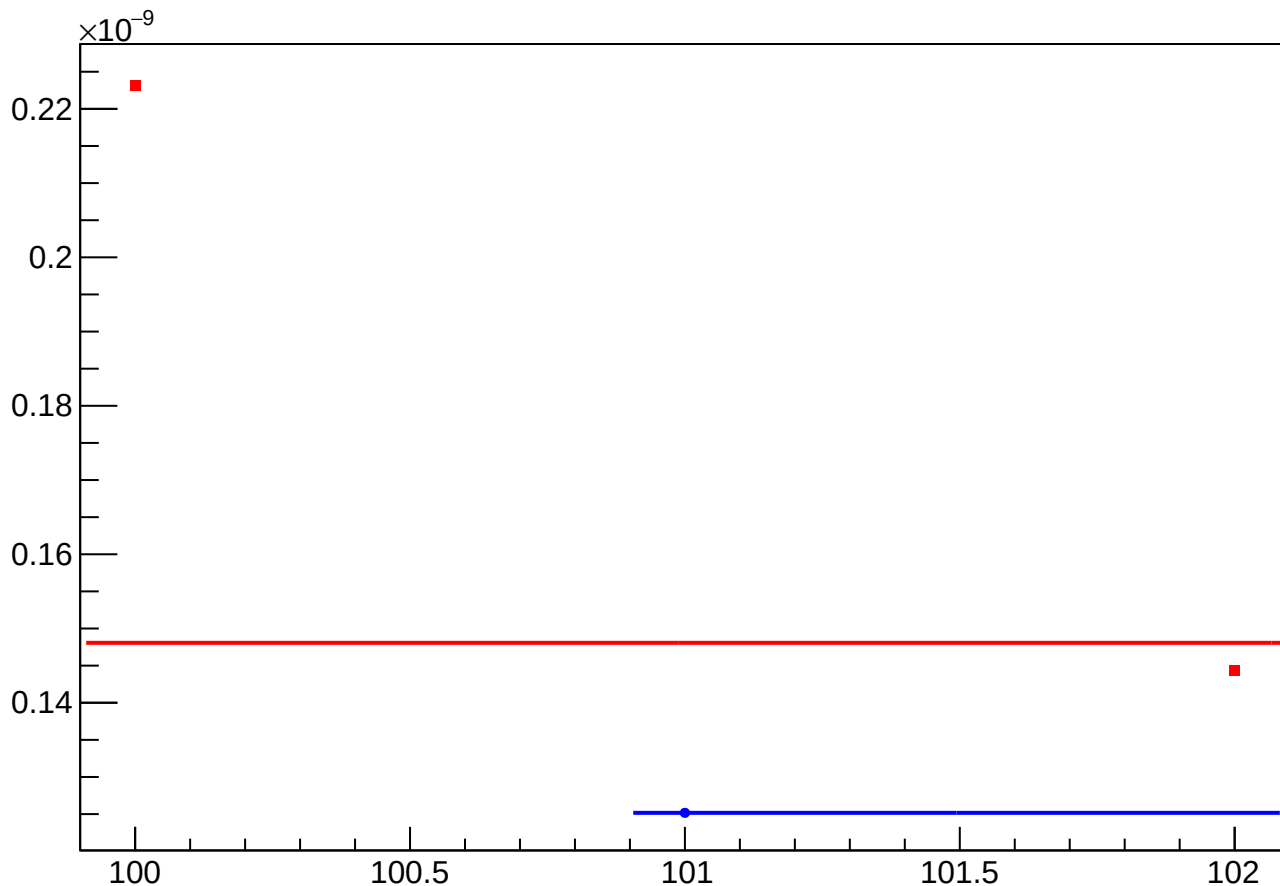
Right: -0.000+/-0.000 χ^2/NDF : 1.4/2

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 : 1.4/2

asym_atl1r2_dd_eigen_cor_vs_cor_diff_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 : 13405.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

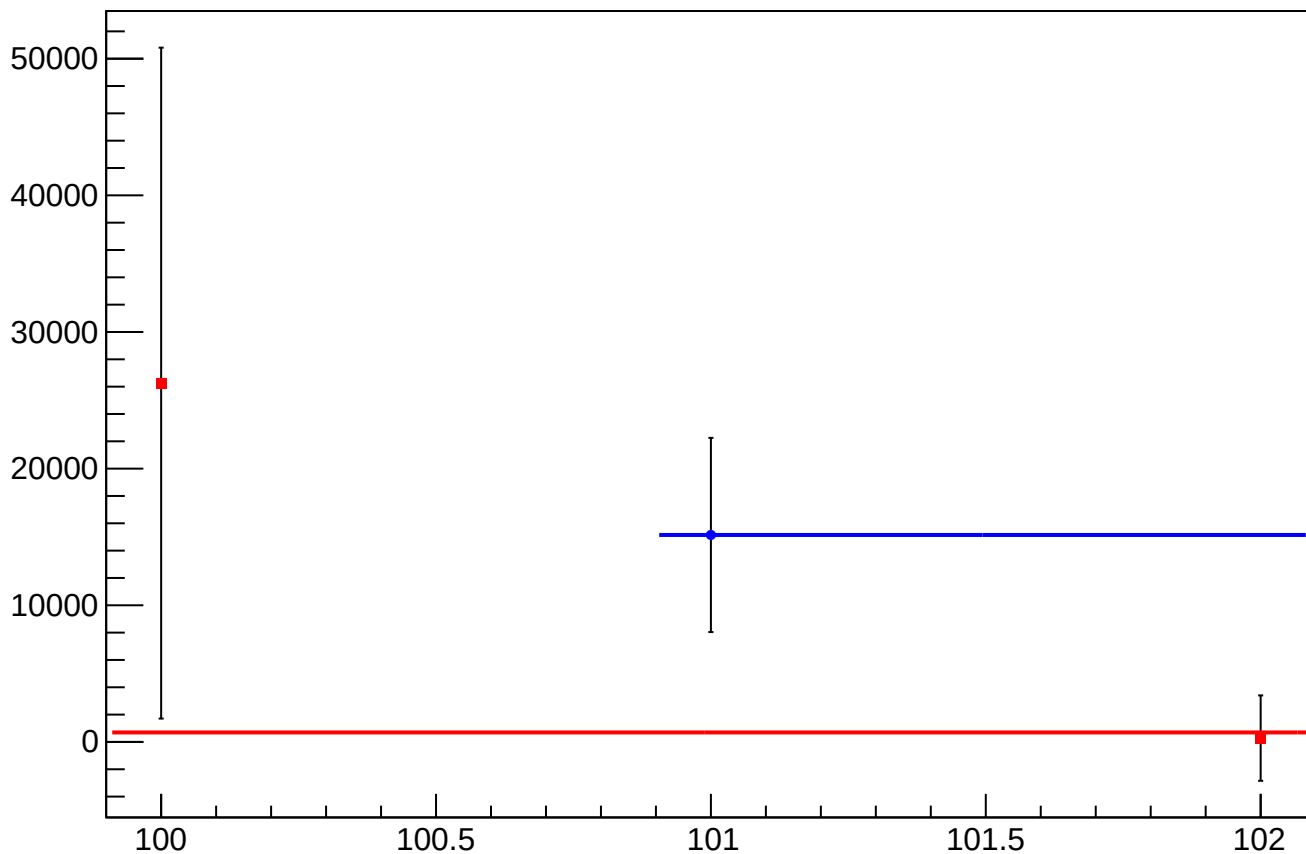
Right: 0.000+/-0.000 χ^2/NDF : 27465.9/2

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 : 27465.9/2

reg_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 15146.233+/-7105.586 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 695.003+/-3099.884 χ^2/NDF : 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

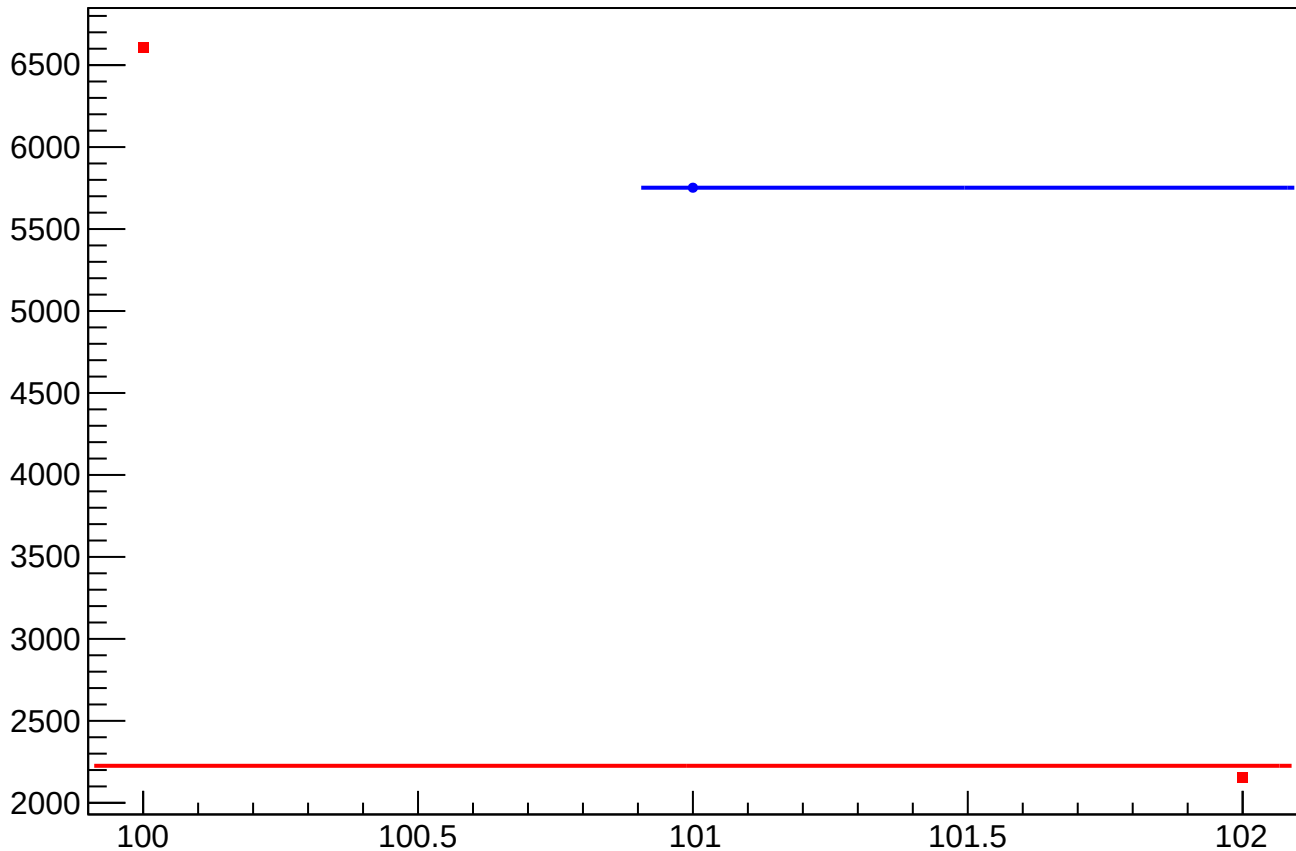
Right: 3005.636+/-2841.273 χ^2/NDF : 4.6/2

In: 15146.233+/-7105.586 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3005.636+/-2841.273 χ^2/NDF : 4.6/2

reg_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 5752.122+/-5.024 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2225.866+/-2.192 χ^2/NDF : 64741.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

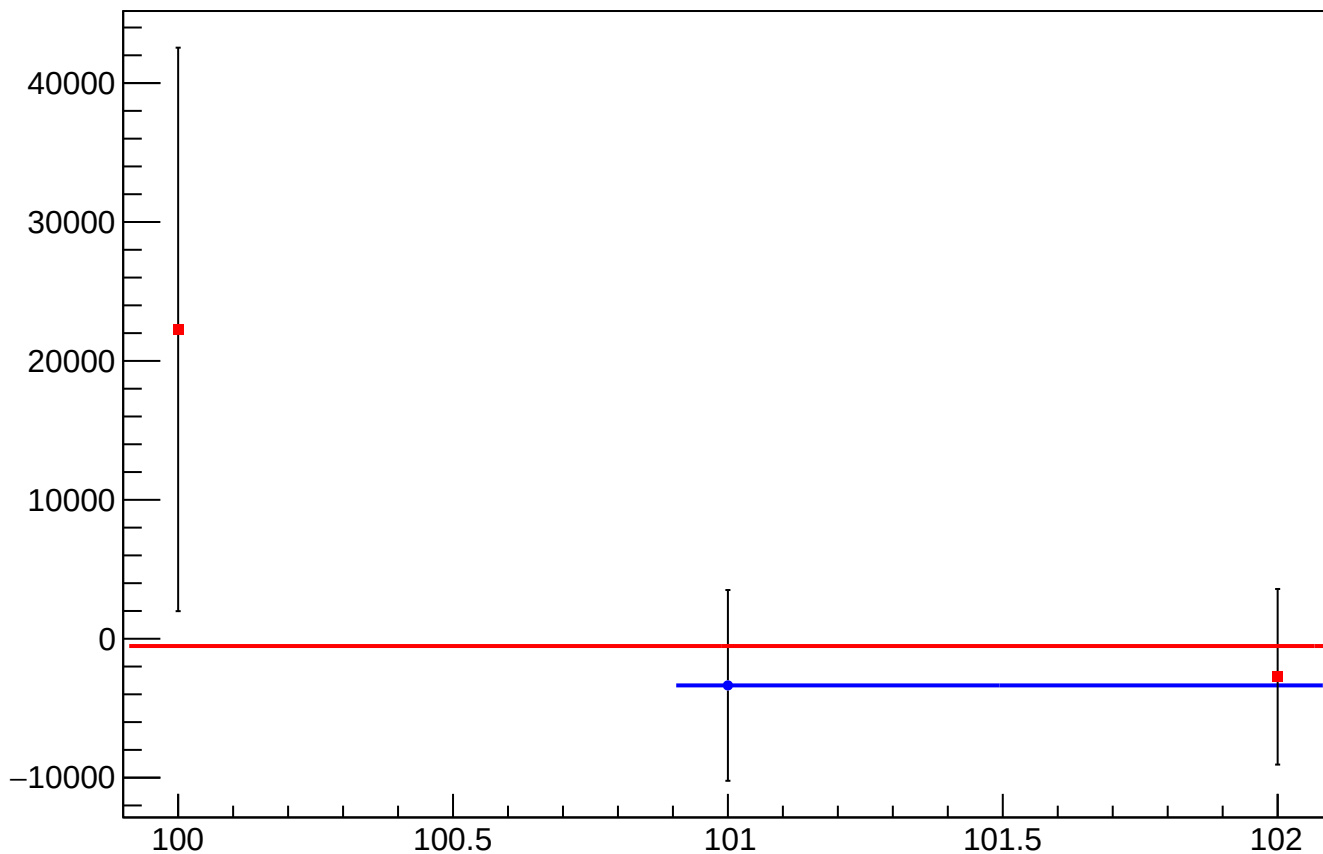
Right: 2789.657+/-2.009 χ^2/NDF : 478547.7/2

In: 5752.122+/-5.024 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2789.657+/-2.009 χ^2/NDF : 478547.7/2

asym_atr1l2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -3358.143+/-6866.930 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -523.759+/-6034.269 χ^2/NDF : 1.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

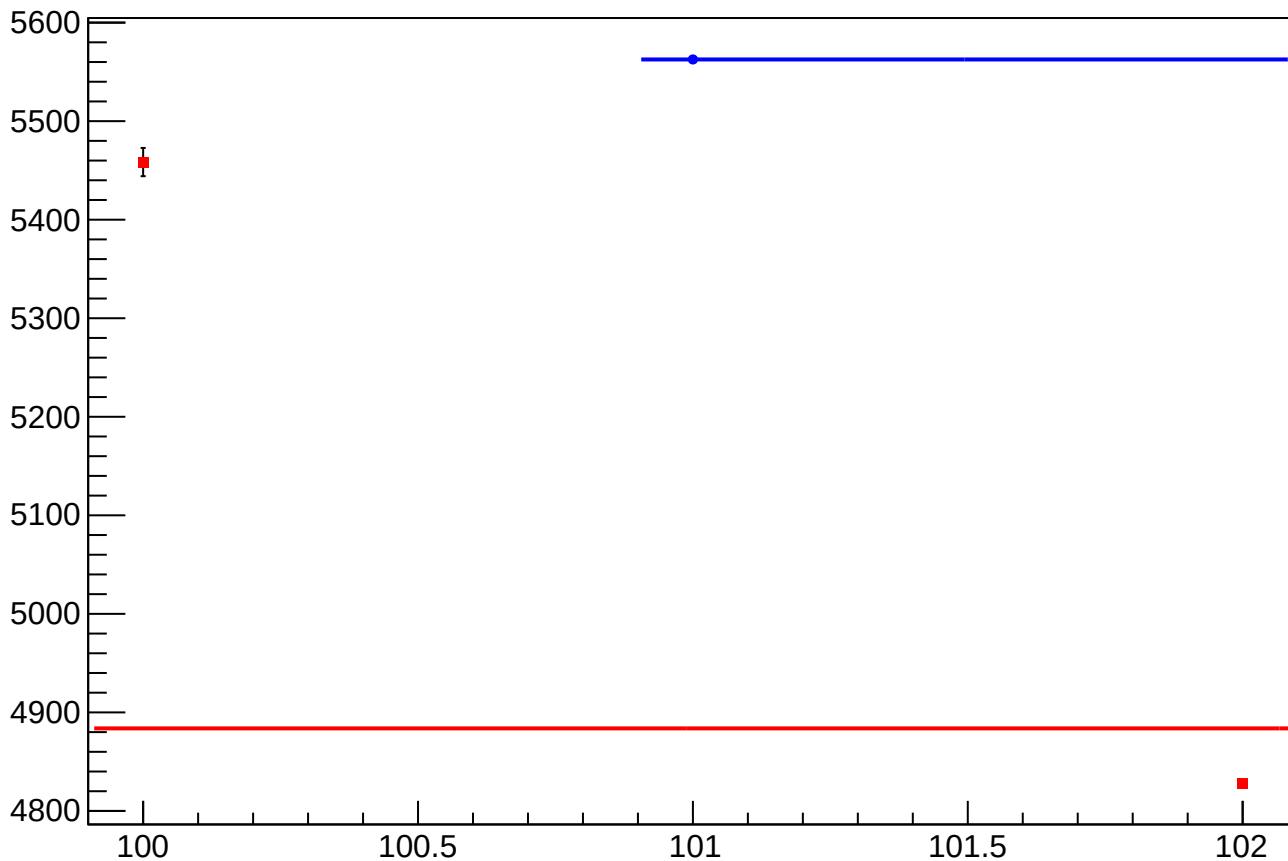
Right: -1758.775+/-4532.831 χ^2/NDF : 1.5/2

In: -3358.143+/-6866.930 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1758.775+/-4532.831 χ^2/NDF : 1.5/2

asym_atr1l2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 5562.610 $\pm$ 4.856 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4883.771 $\pm$ 4.267 χ^2 /NDF: 1762.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

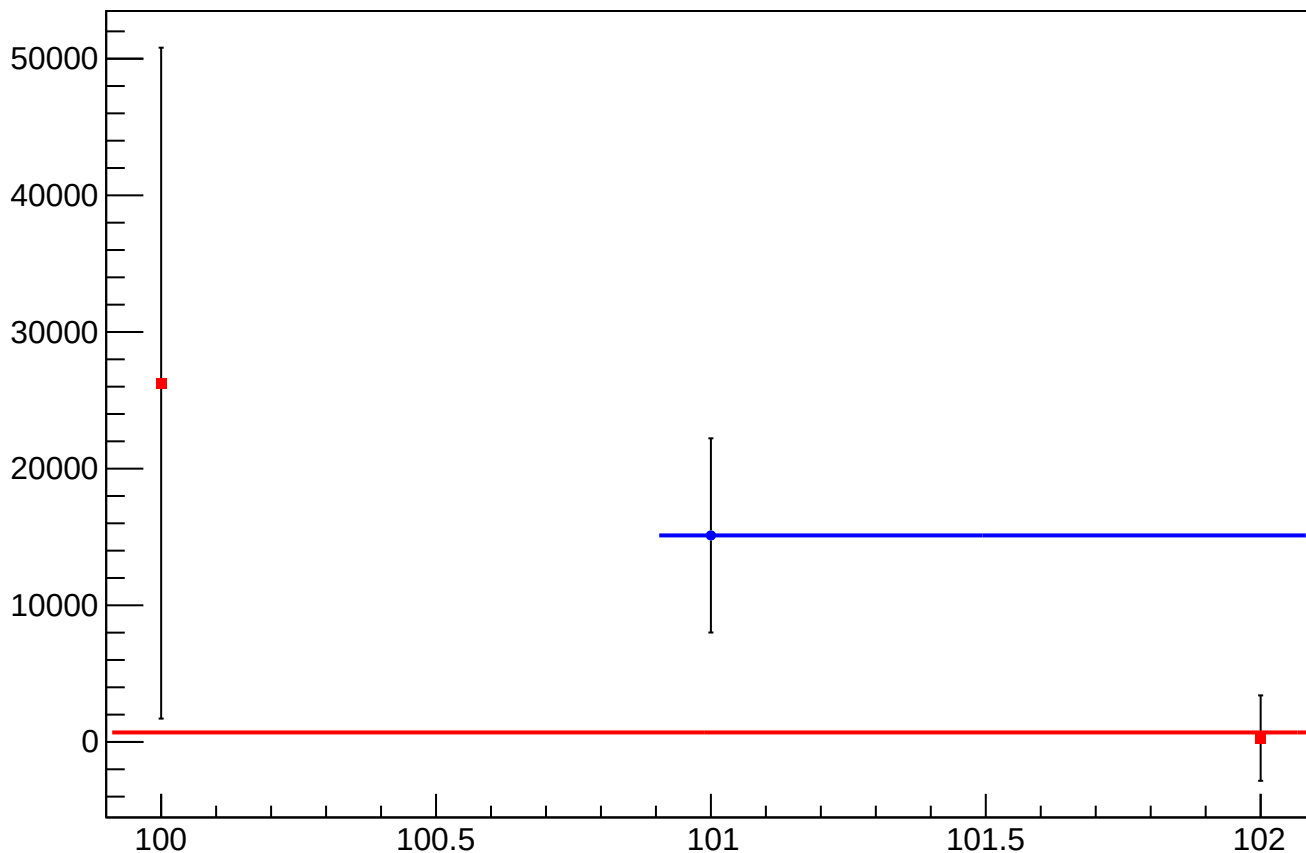
Right: 5179.559 $\pm$ 3.205 χ^2 /NDF: 12790.8/2

In: 5562.610 $\pm$ 4.856 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5179.559 $\pm$ 3.205 χ^2 /NDF: 12790.8/2

cor_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 15114.498+/-7105.623 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 696.832+/-3099.884 χ^2/NDF : 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

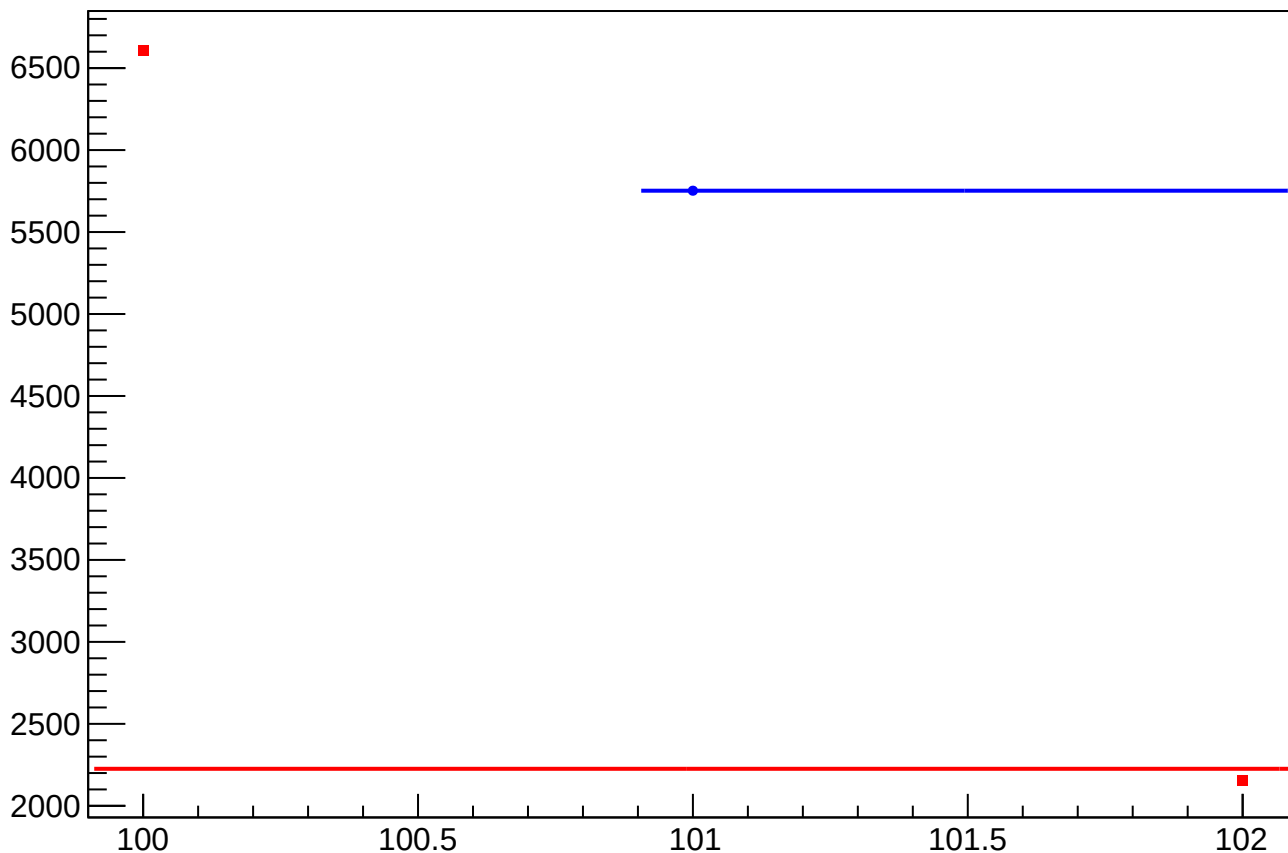
Right: 3002.079+/-2841.276 χ^2/NDF : 4.6/2

In: 15114.498+/-7105.623 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3002.079+/-2841.276 χ^2/NDF : 4.6/2

cor_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 5752.142 $\pm$ 5.024 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2225.863 $\pm$ 2.192 χ^2 /NDF: 64741.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

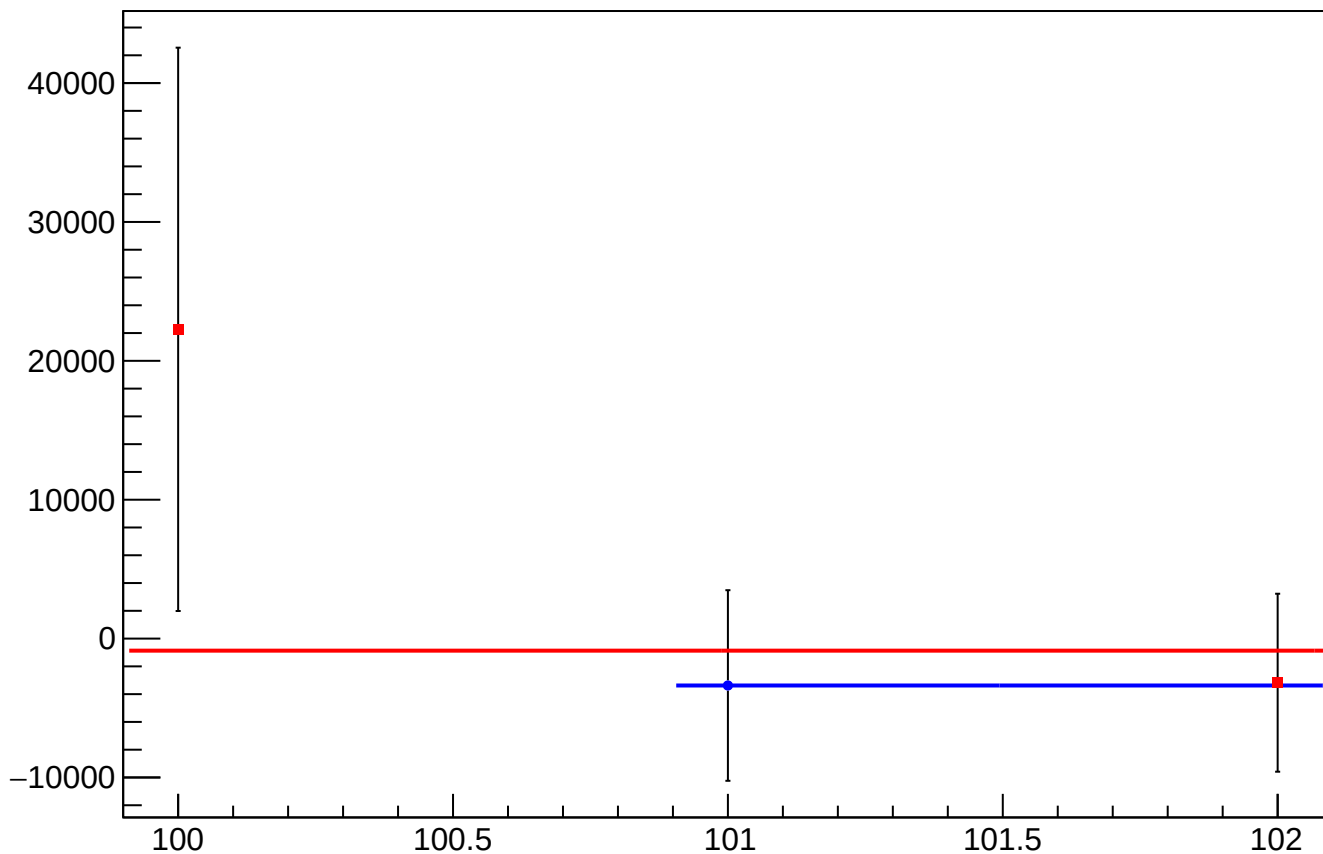
Right: 2789.653 $\pm$ 2.009 χ^2 /NDF: 478549.8/2

In: 5752.142 $\pm$ 5.024 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2789.653 $\pm$ 2.009 χ^2 /NDF: 478549.8/2

asym_atr1l2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -3377.261+/-6862.316 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -868.390+/-6109.550 χ^2/NDF : 1.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

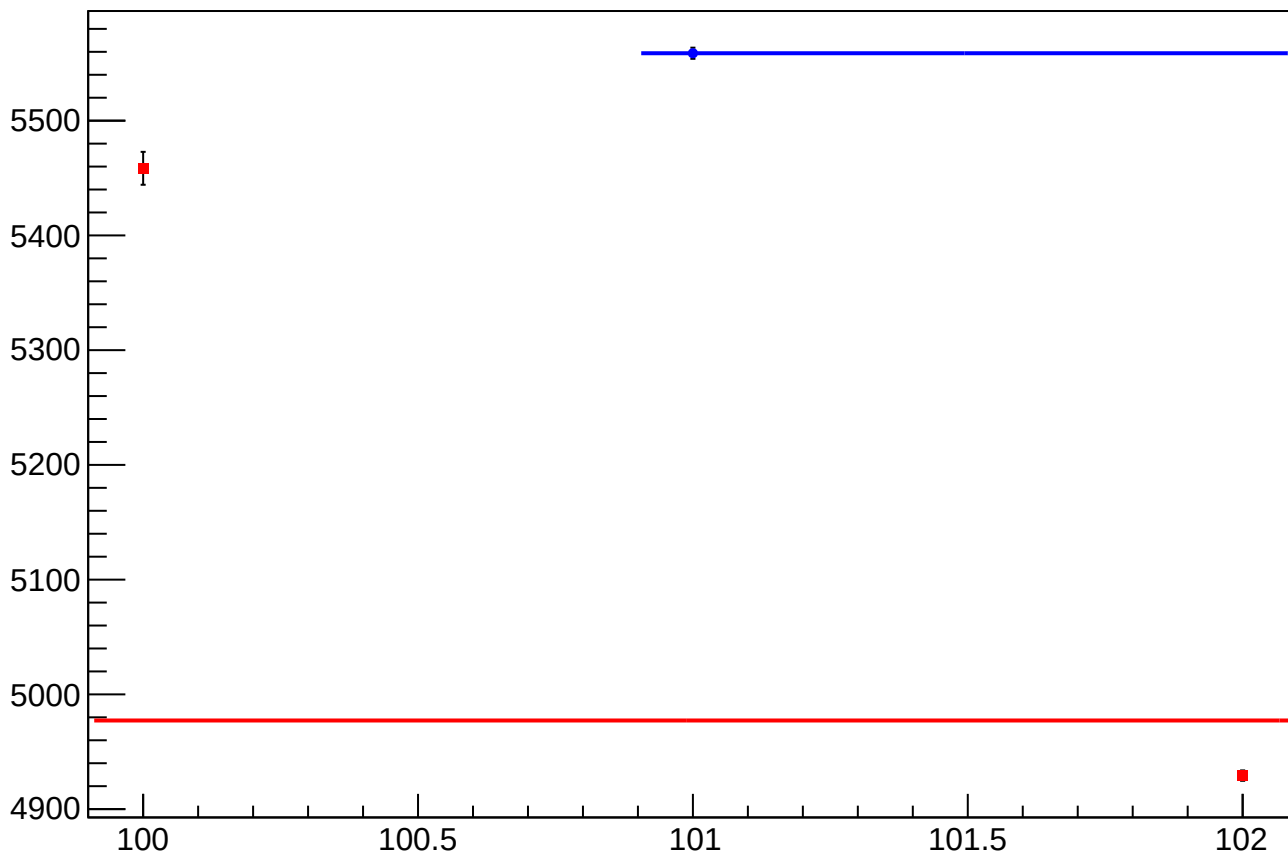
Right: -1977.723+/-4563.126 χ^2/NDF : 1.5/2

In: -3377.261+/-6862.316 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1977.723+/-4563.126 χ^2/NDF : 1.5/2

asym_atr1l2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 5558.773 $\pm$ 4.852 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4977.244 $\pm$ 4.320 χ^2 /NDF: 1238.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

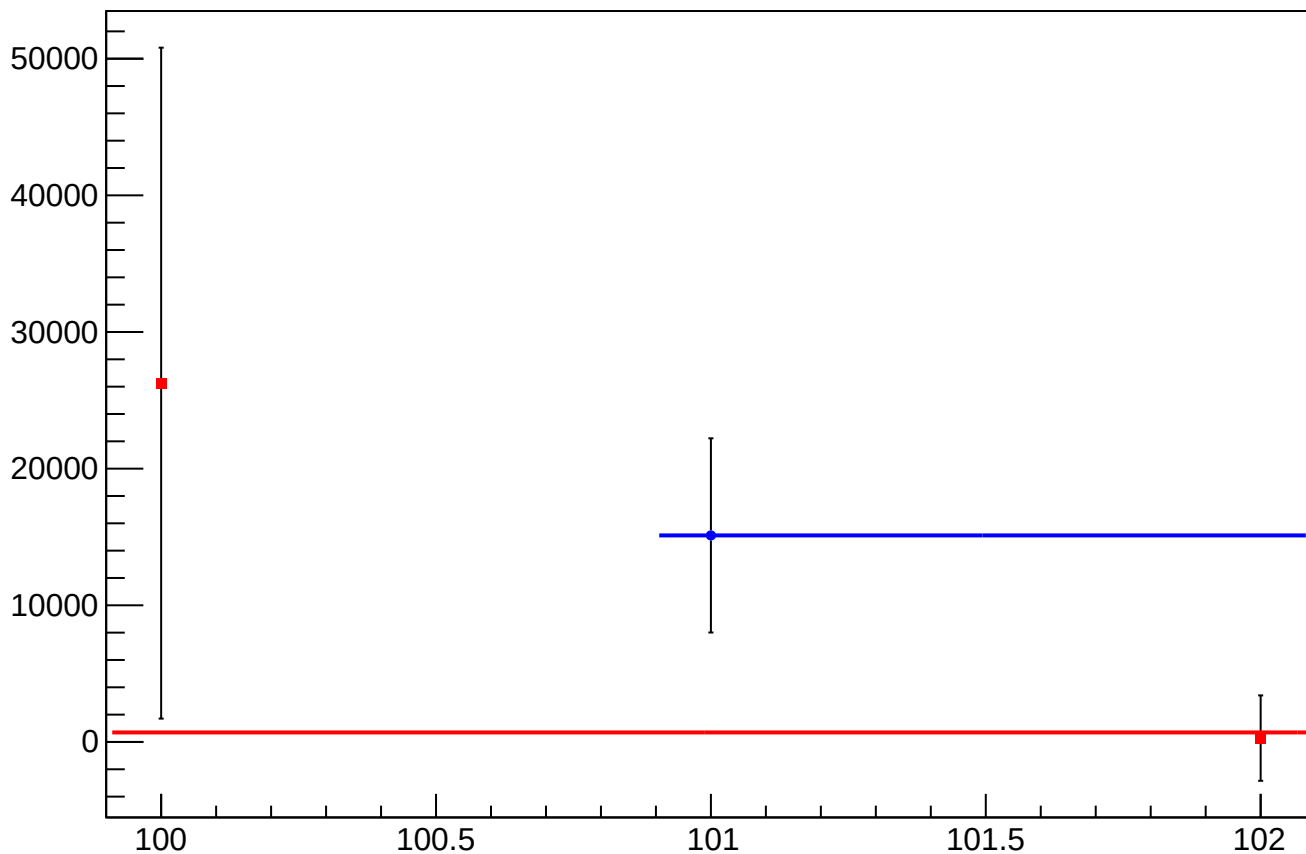
Right: 5234.375 $\pm$ 3.227 χ^2 /NDF: 9250.4/2

In: 5558.773 $\pm$ 4.852 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5234.375 $\pm$ 3.227 χ^2 /NDF: 9250.4/2

eigen_cor_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 15114.498+/-7105.623 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 696.832+/-3099.884 χ^2/NDF : 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

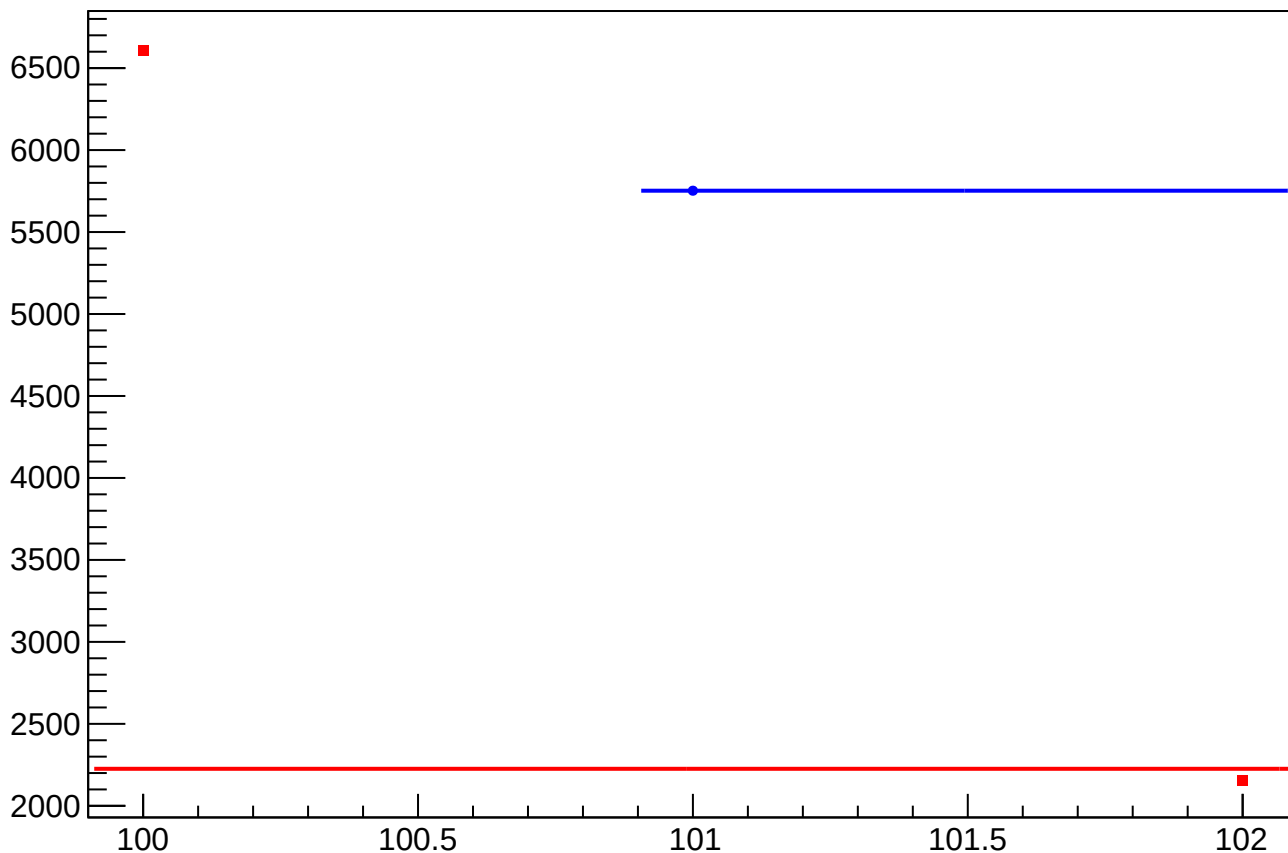
Right: 3002.079+/-2841.276 χ^2/NDF : 4.6/2

In: 15114.498+/-7105.623 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3002.079+/-2841.276 χ^2/NDF : 4.6/2

eigen_cor_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 5752.142 $\pm$ 5.024 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2225.863 $\pm$ 2.192 χ^2 /NDF: 64741.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

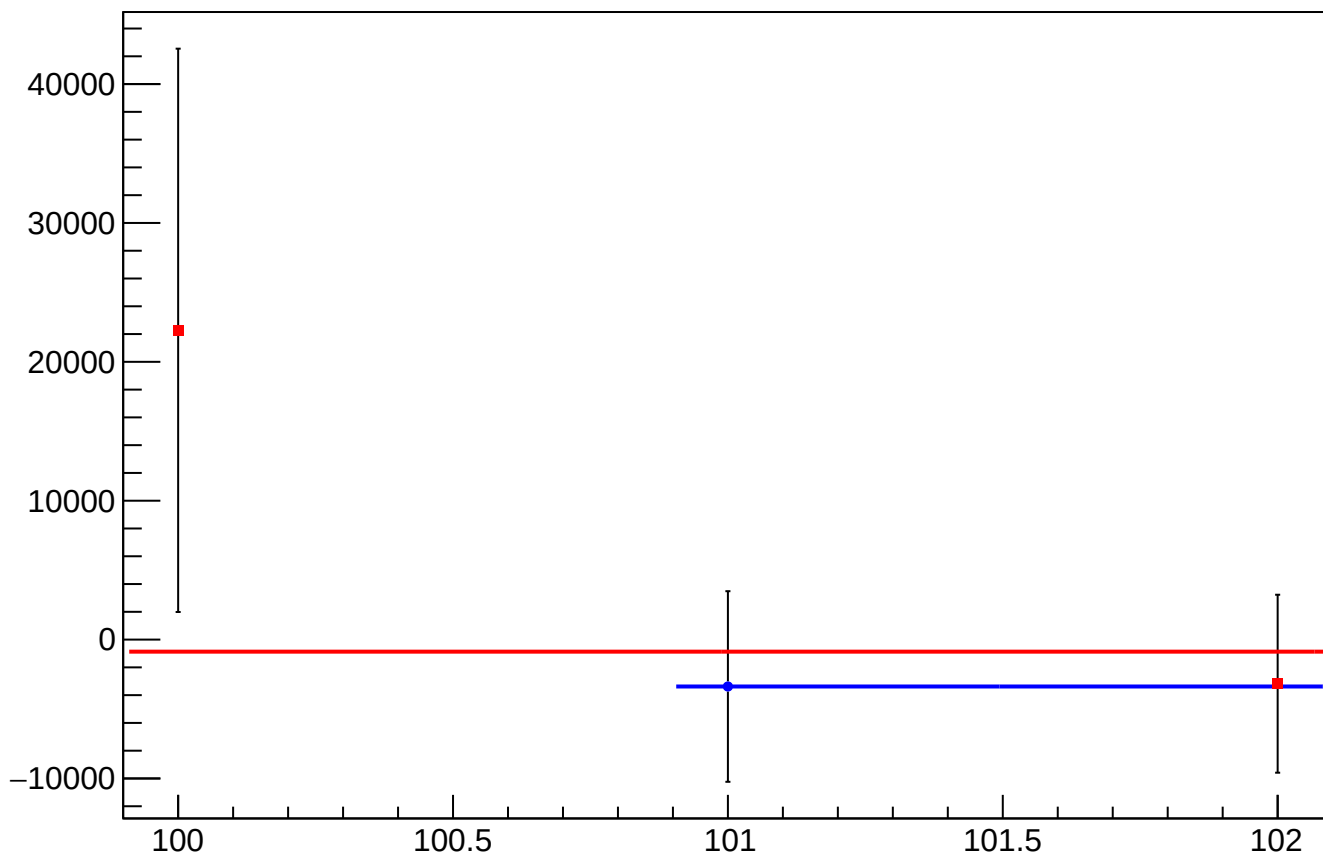
Right: 2789.653 $\pm$ 2.009 χ^2 /NDF: 478549.8/2

In: 5752.142 $\pm$ 5.024 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2789.653 $\pm$ 2.009 χ^2 /NDF: 478549.8/2

asym_atr1l2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -3377.261 ± 6862.316 χ^2/NDF : 0.0/0

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -868.390 ± 6109.550 χ^2/NDF : 1.4/1

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

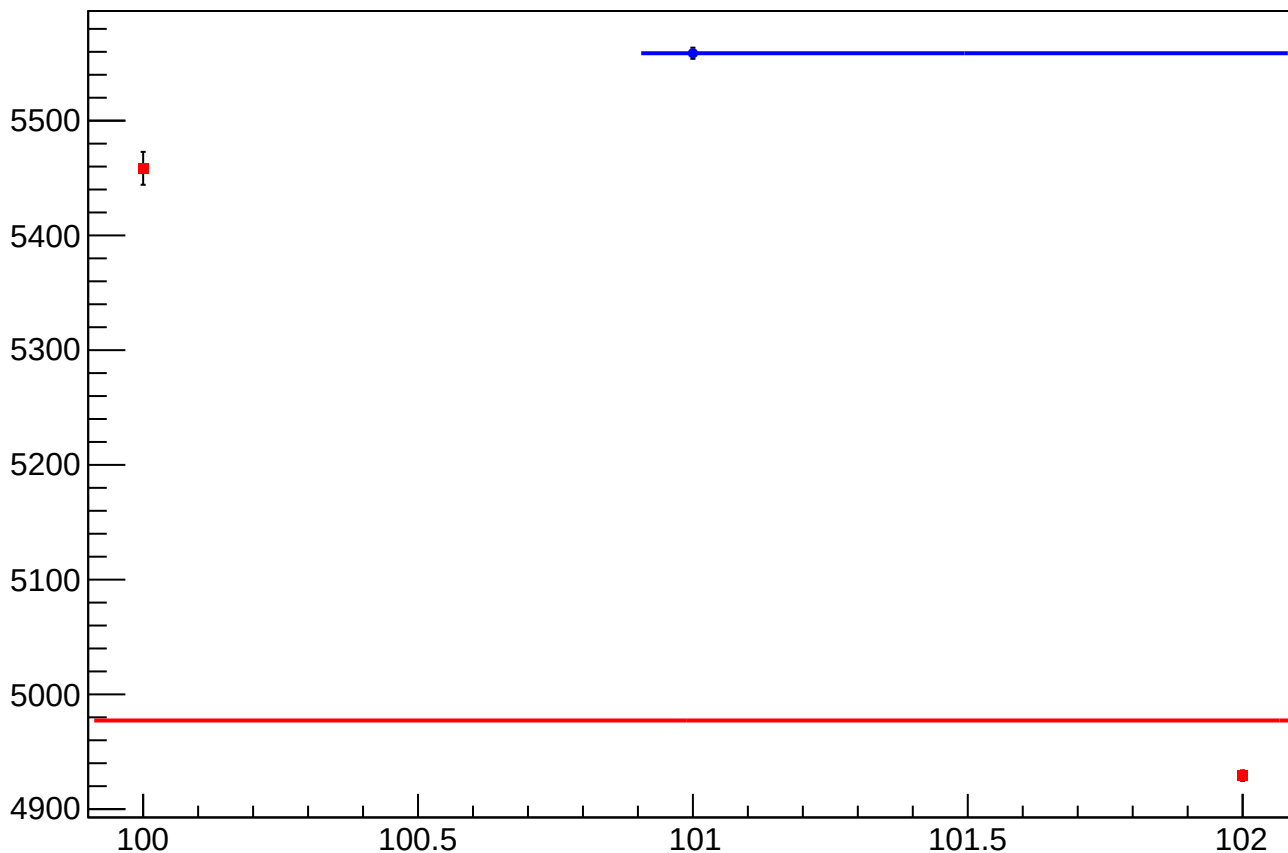
Right: -1977.723 ± 4563.126 χ^2/NDF : 1.5/2

In: -3377.261 ± 6862.316 χ^2/NDF : 0.0/0

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1977.723 ± 4563.126 χ^2/NDF : 1.5/2

asym_atr1l2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 5558.773 $\pm$ 4.852 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4977.244 $\pm$ 4.320 χ^2 /NDF: 1238.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

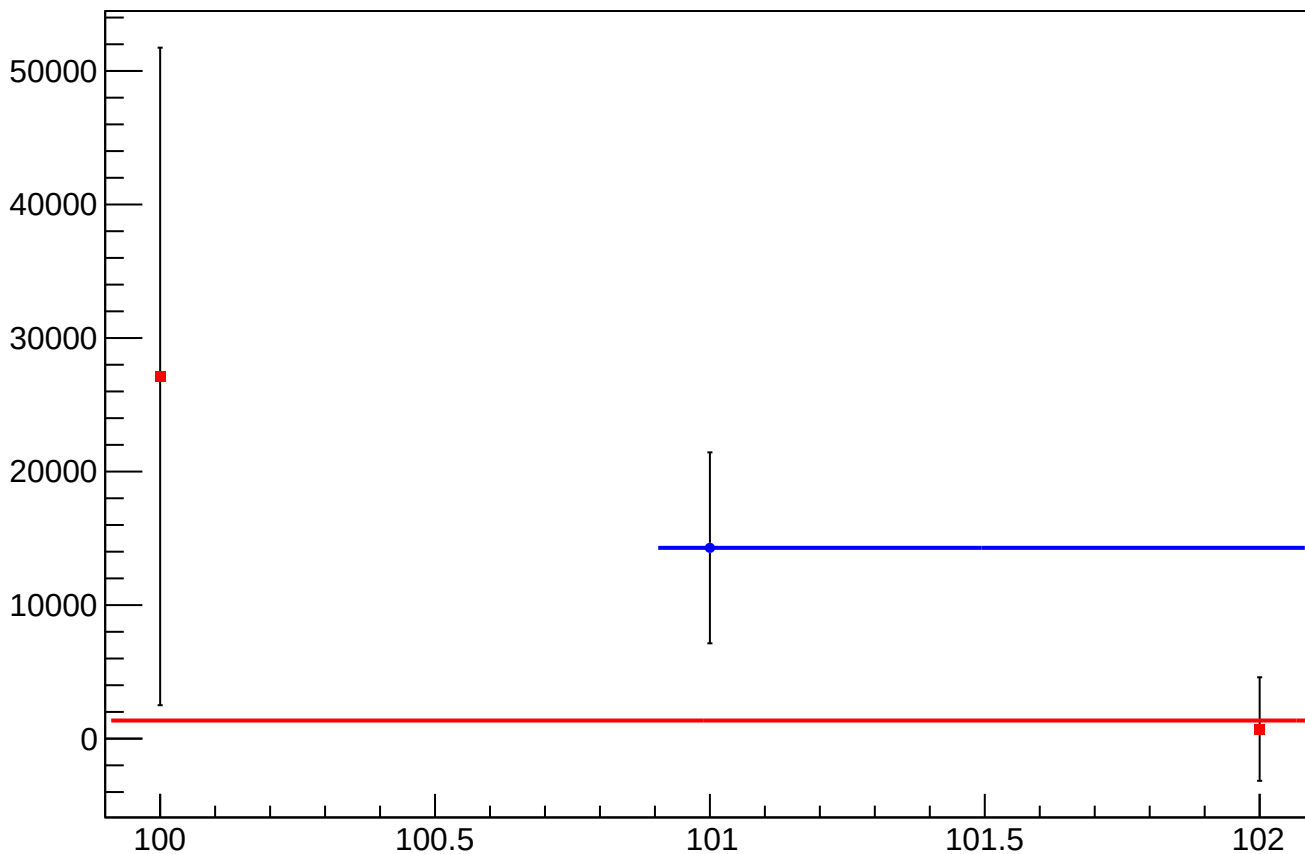
Right: 5234.375 $\pm$ 3.227 χ^2 /NDF: 9250.4/2

In: 5558.773 $\pm$ 4.852 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5234.375 $\pm$ 3.227 χ^2 /NDF: 9250.4/2

dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 14287.761+/-7150.055 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1356.959+/-3828.854 χ^2/NDF : 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

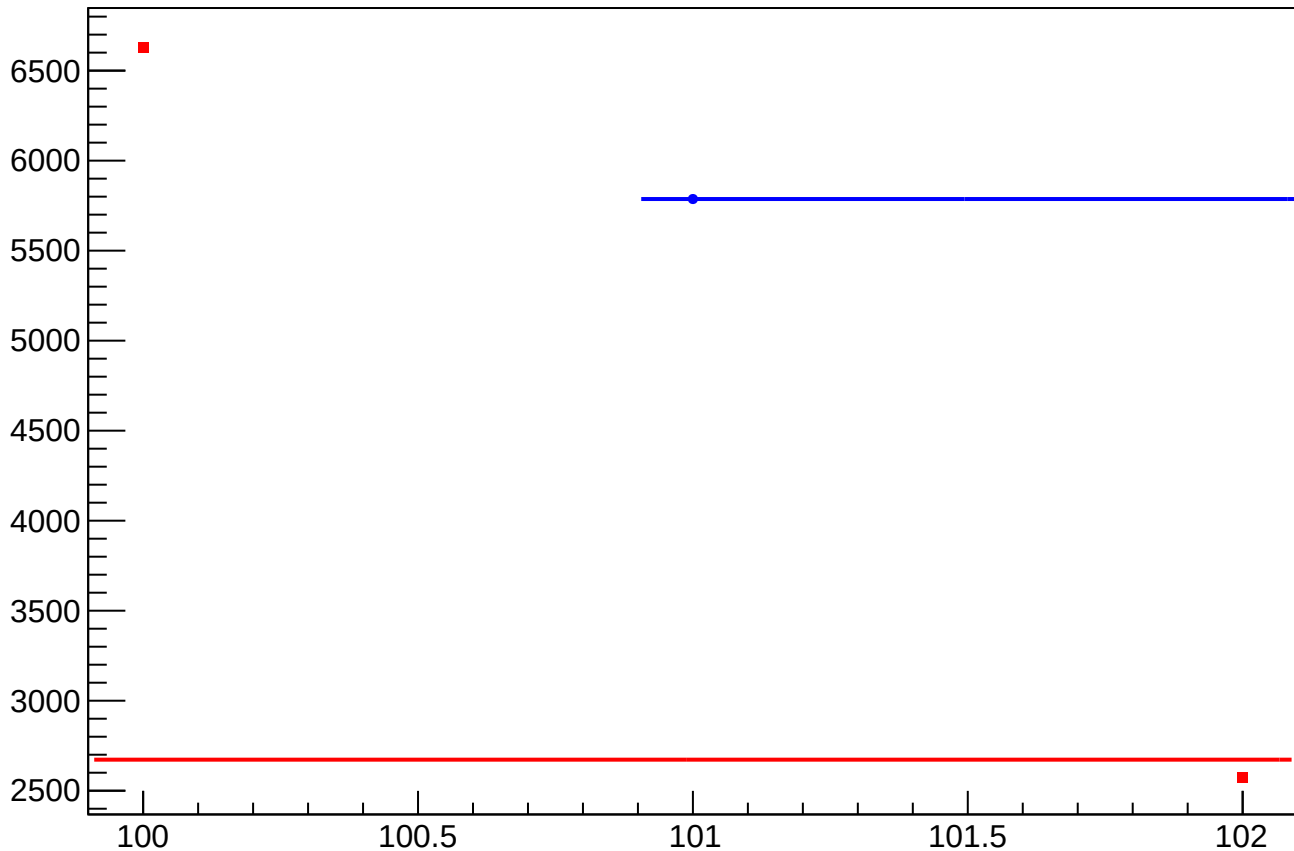
Right: 4238.646+/-3375.359 χ^2/NDF : 3.7/2

In: 14287.761+/-7150.055 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4238.646+/-3375.359 χ^2/NDF : 3.7/2

dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 5786.779 $\pm$ 5.056 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 2672.504 $\pm$ 2.707 χ^2/NDF : 52866.6/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

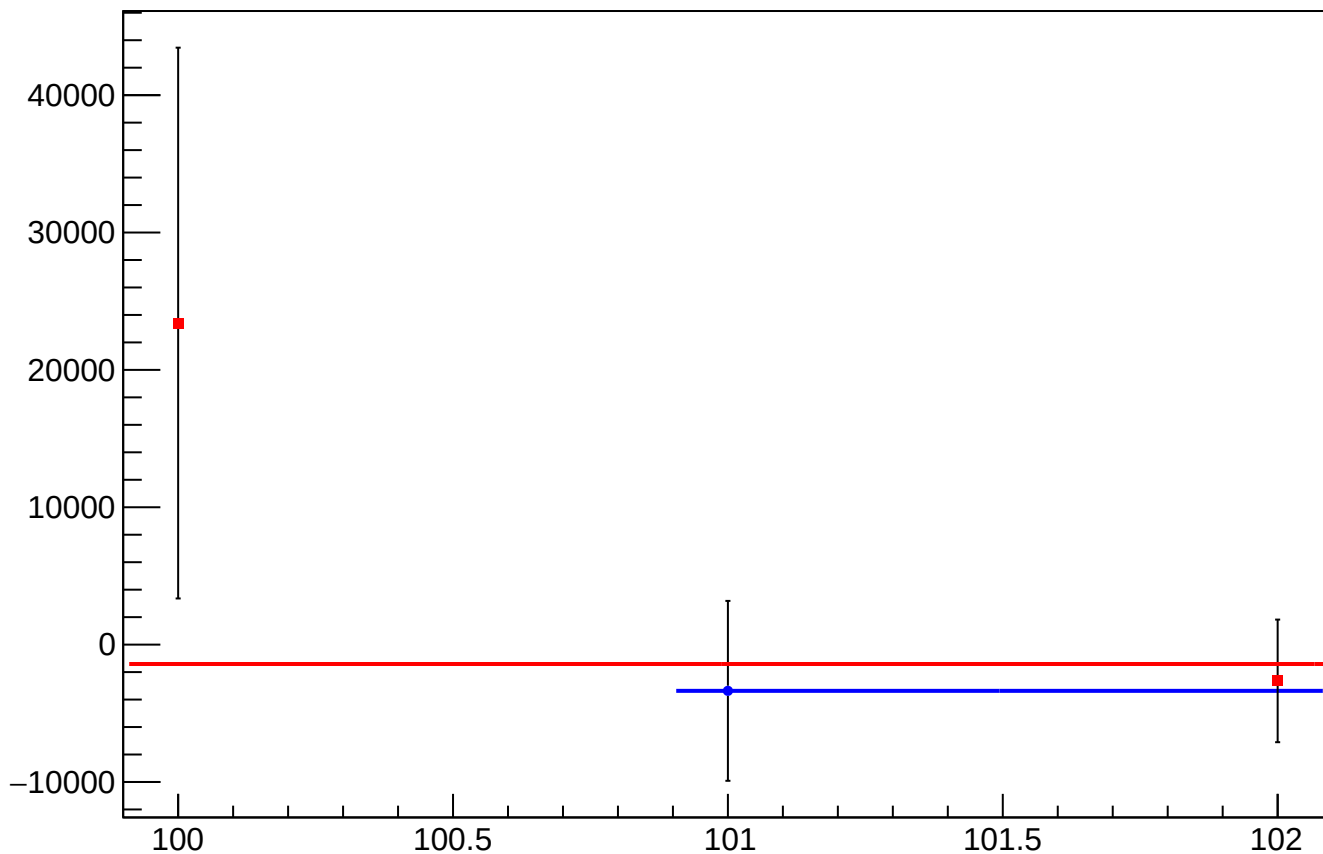
Right: 3366.485 $\pm$ 2.387 χ^2/NDF : 347740.5/2

In: 5786.779 $\pm$ 5.056 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 3366.485 $\pm$ 2.387 χ^2/NDF : 347740.5/2

asym_atr1l2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -3365.689+/-6547.950 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1410.845+/-4356.452 χ^2 /NDF: 1.6/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

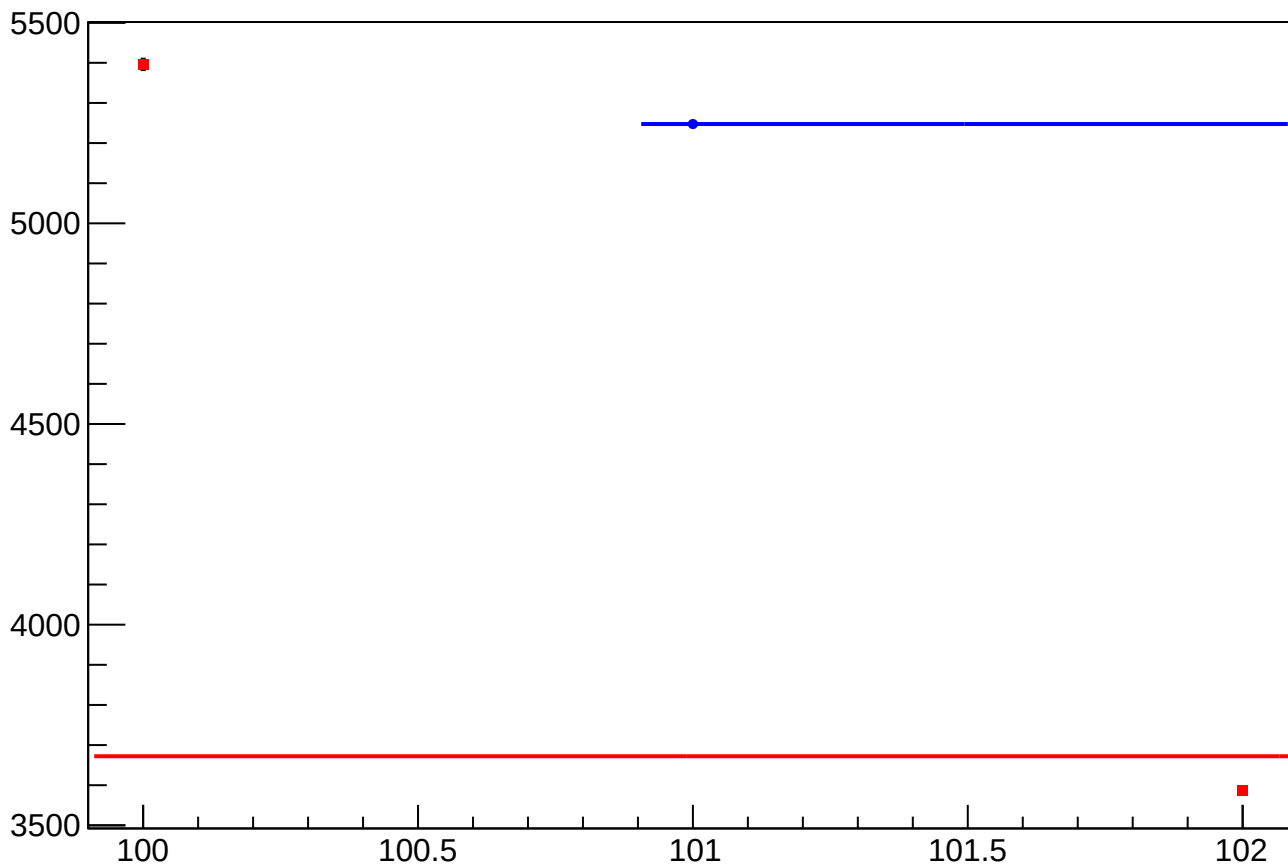
Right: -2010.647+/-3627.047 χ^2 /NDF: 1.7/2

In: -3365.689+/-6547.950 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -2010.647+/-3627.047 χ^2 /NDF: 1.7/2

asym_atr1l2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 5247.444+/-4.630 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3672.178+/-3.080 χ^2/NDF : 15520.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

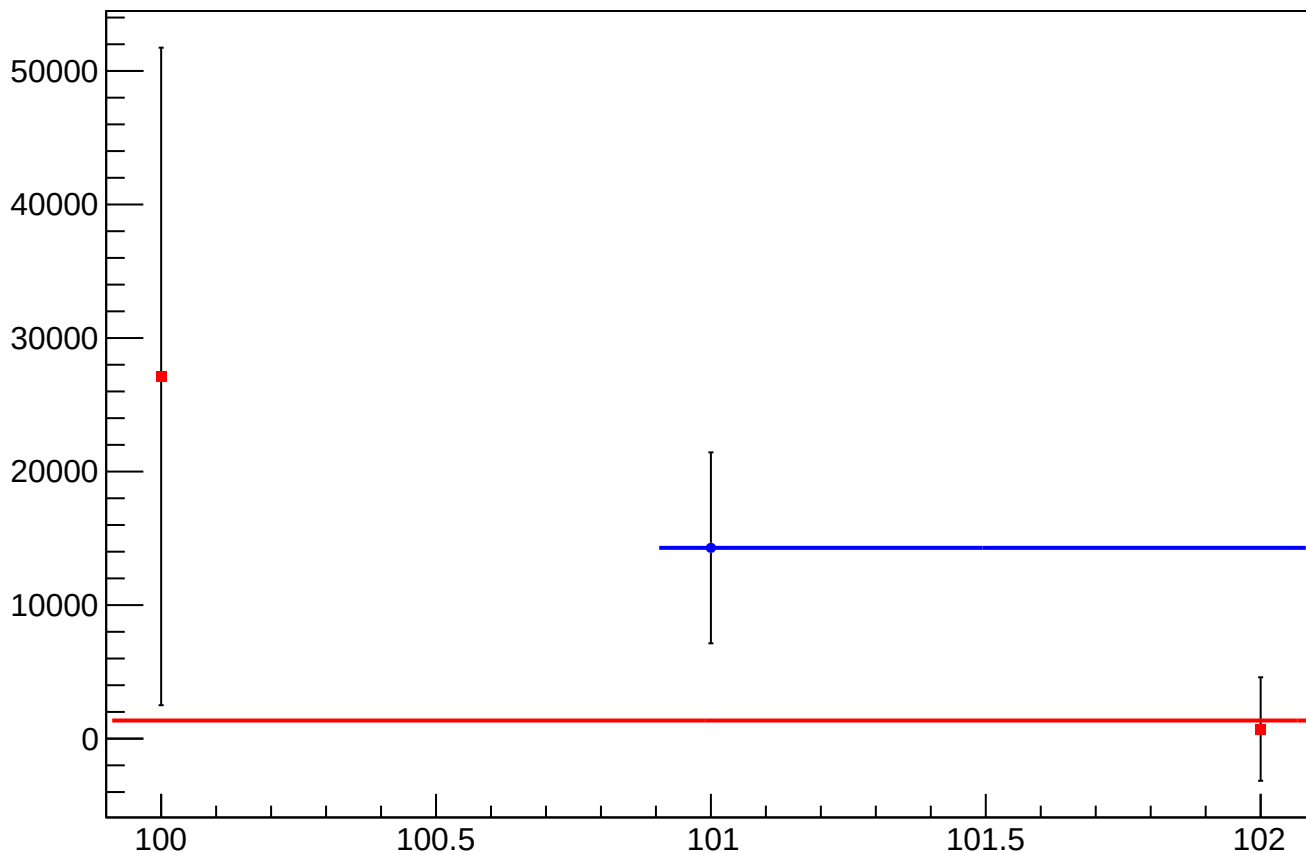
Right: 4155.514+/-2.565 χ^2/NDF : 95756.5/2

In: 5247.444+/-4.630 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4155.514+/-2.565 χ^2/NDF : 95756.5/2

eigen_dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 14287.763+/-7150.055 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1356.966+/-3828.854 χ^2/NDF : 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

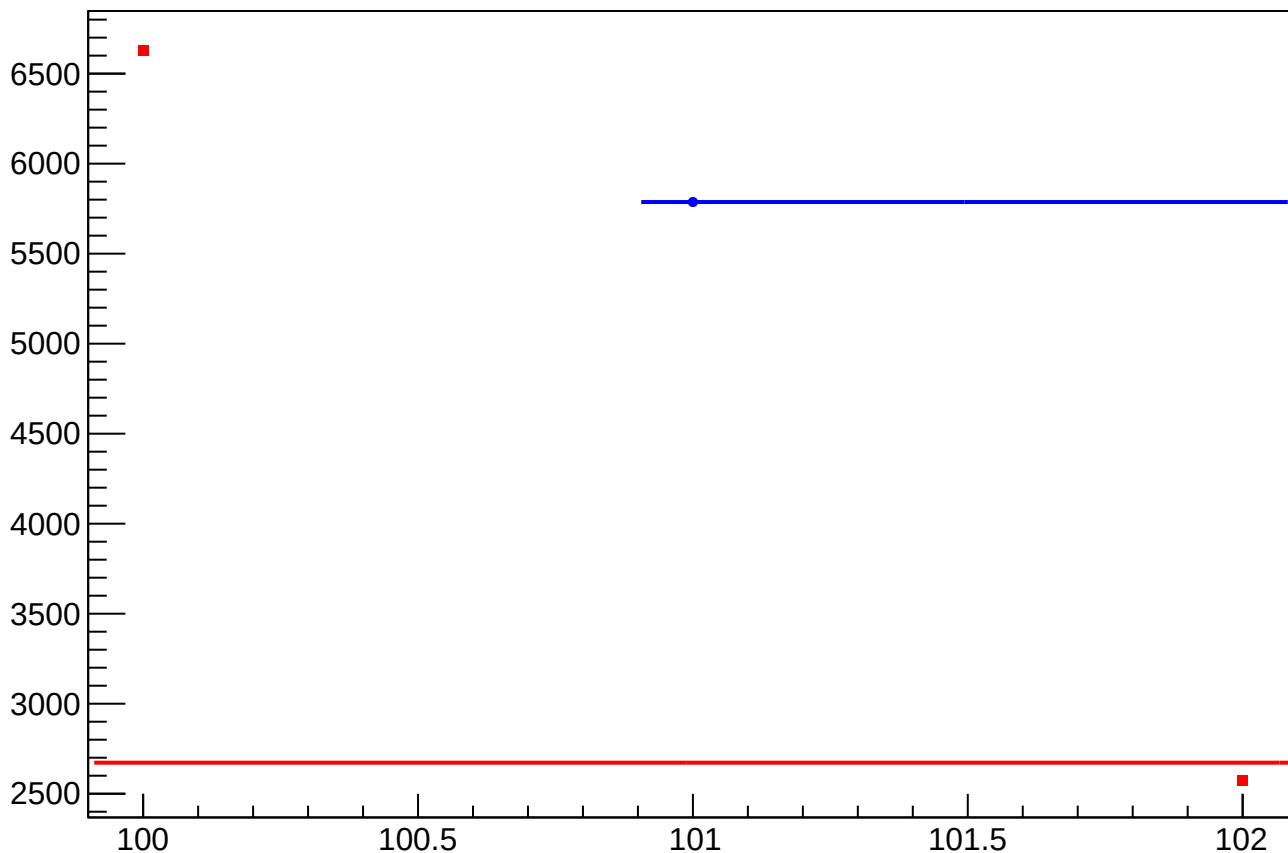
Right: 4238.651+/-3375.359 χ^2/NDF : 3.7/2

In: 14287.763+/-7150.055 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4238.651+/-3375.359 χ^2/NDF : 3.7/2

eigen_dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 5786.779+/-5.056 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2672.503+/-2.707 χ^2/NDF : 52866.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

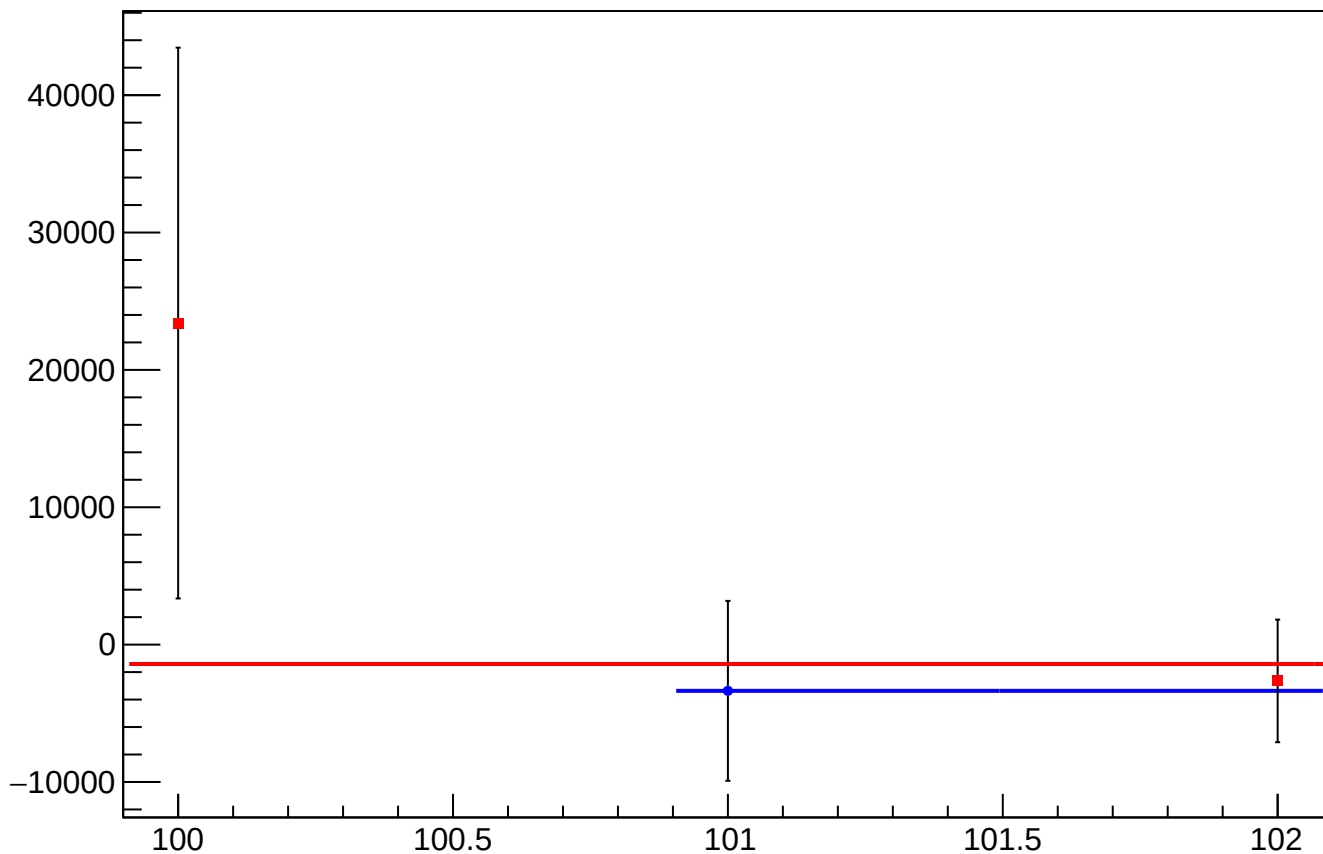
Right: 3366.484+/-2.387 χ^2/NDF : 347740.7/2

In: 5786.779+/-5.056 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3366.484+/-2.387 χ^2/NDF : 347740.7/2

asym_atr1l2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -3365.687+/-6547.940 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1410.844+/-4356.449 χ^2/NDF : 1.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

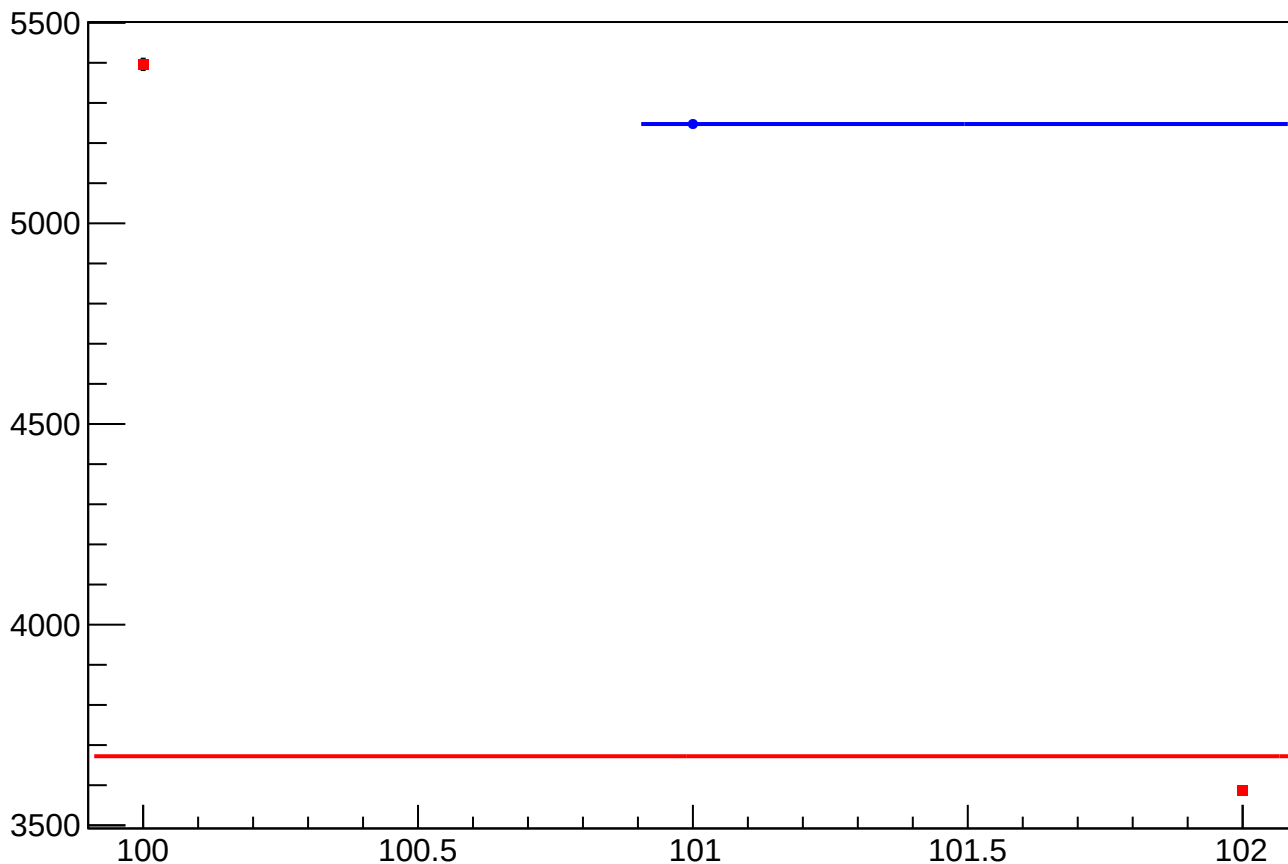
Right: -2010.646+/-3627.044 χ^2/NDF : 1.7/2

In: -3365.687+/-6547.940 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2010.646+/-3627.044 χ^2/NDF : 1.7/2

asym_atr1l2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5247.437+/-4.630 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3672.176+/-3.080 χ^2/NDF : 15520.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

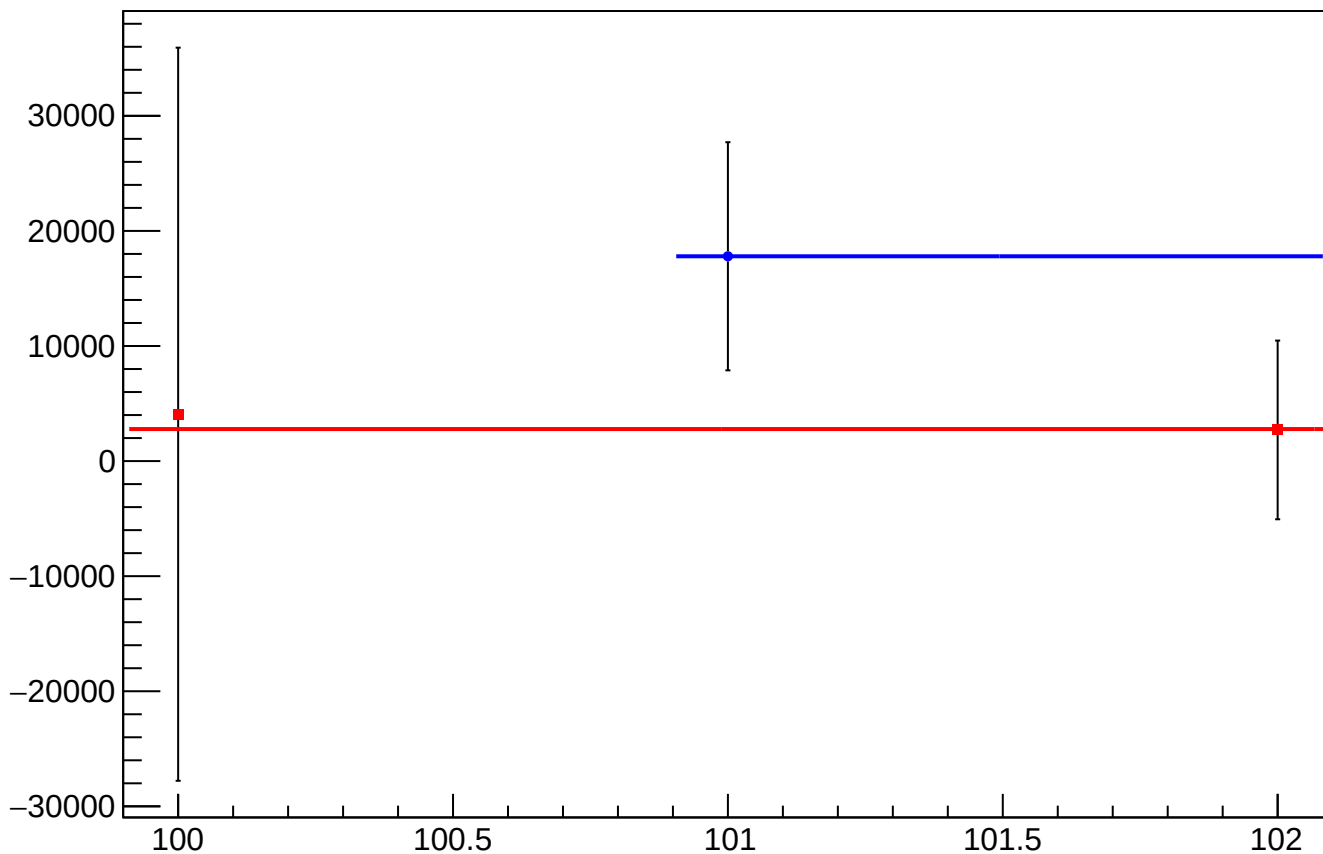
Right: 4155.511+/-2.565 χ^2/NDF : 95756.0/2

In: 5247.437+/-4.630 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4155.511+/-2.565 χ^2/NDF : 95756.0/2

asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 17796.528+/-9912.141 $\chi^2/NDF: 0.0/0$

Left Out: 0.000+/-0.000 $\chi^2/NDF: 0.0/0$

Right Out: 2783.498+/-7542.788 $\chi^2/NDF: 0.0/1$

Left In: 0.000+/-0.000 $\chi^2/NDF: 0.0/0$

Left: 0.000+/-0.000 $\chi^2/NDF: 0.0/0$

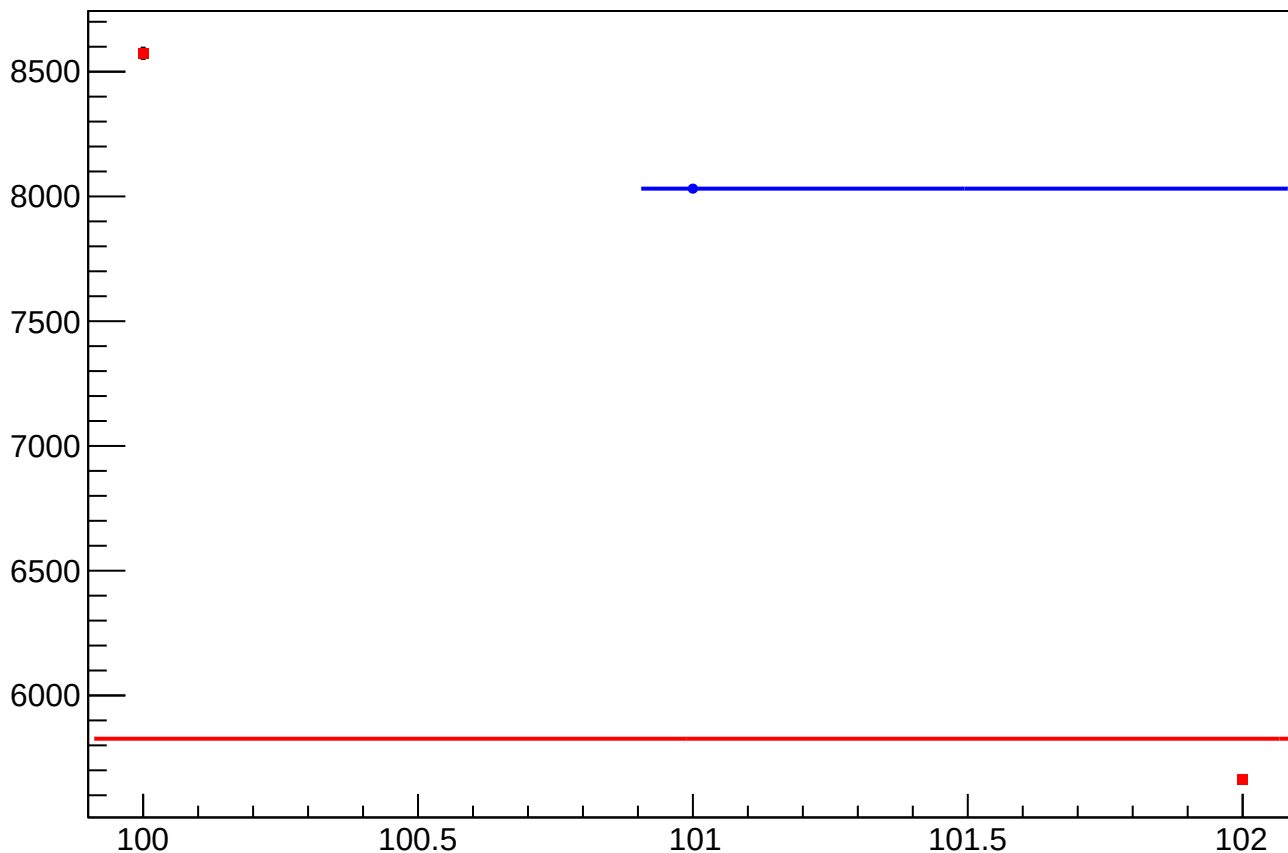
Right: 8288.996+/-6002.493 $\chi^2/NDF: 1.5/2$

In: 17796.528+/-9912.141 $\chi^2/NDF: 0.0/0$

Out: 0.000+/-0.000 $\chi^2/NDF: 0.0/0$

All: 8288.996+/-6002.493 $\chi^2/NDF: 1.5/2$

asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 8031.274 $\pm$ 7.009 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 5826.601 $\pm$ 5.333 χ^2/NDF : 15759.4/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

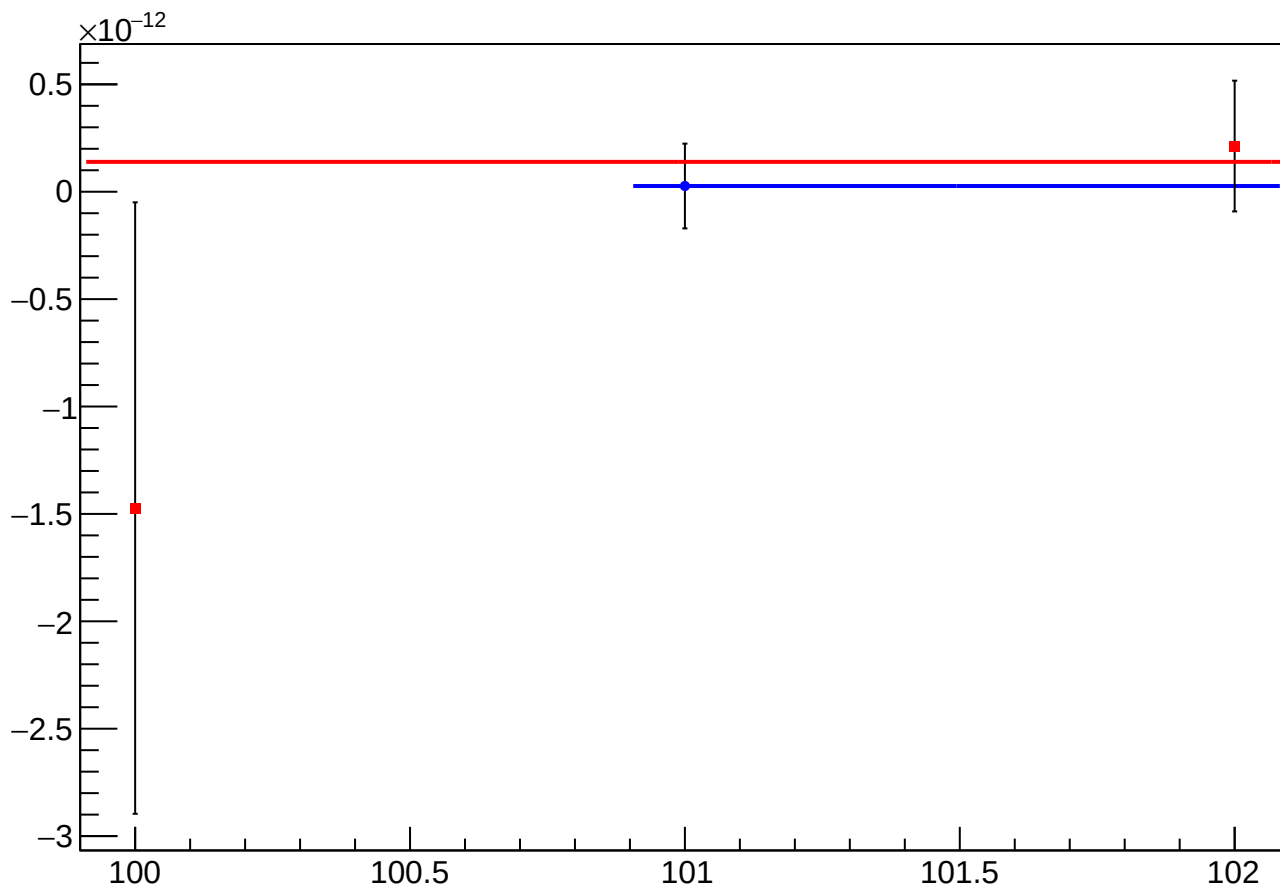
Right: 6634.908 $\pm$ 4.244 χ^2/NDF : 78426.4/2

In: 8031.274 $\pm$ 7.009 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 6634.908 $\pm$ 4.244 χ^2/NDF : 78426.4/2

asym_atr1l2_avg_reg_vs_cor_diff_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 : 1.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

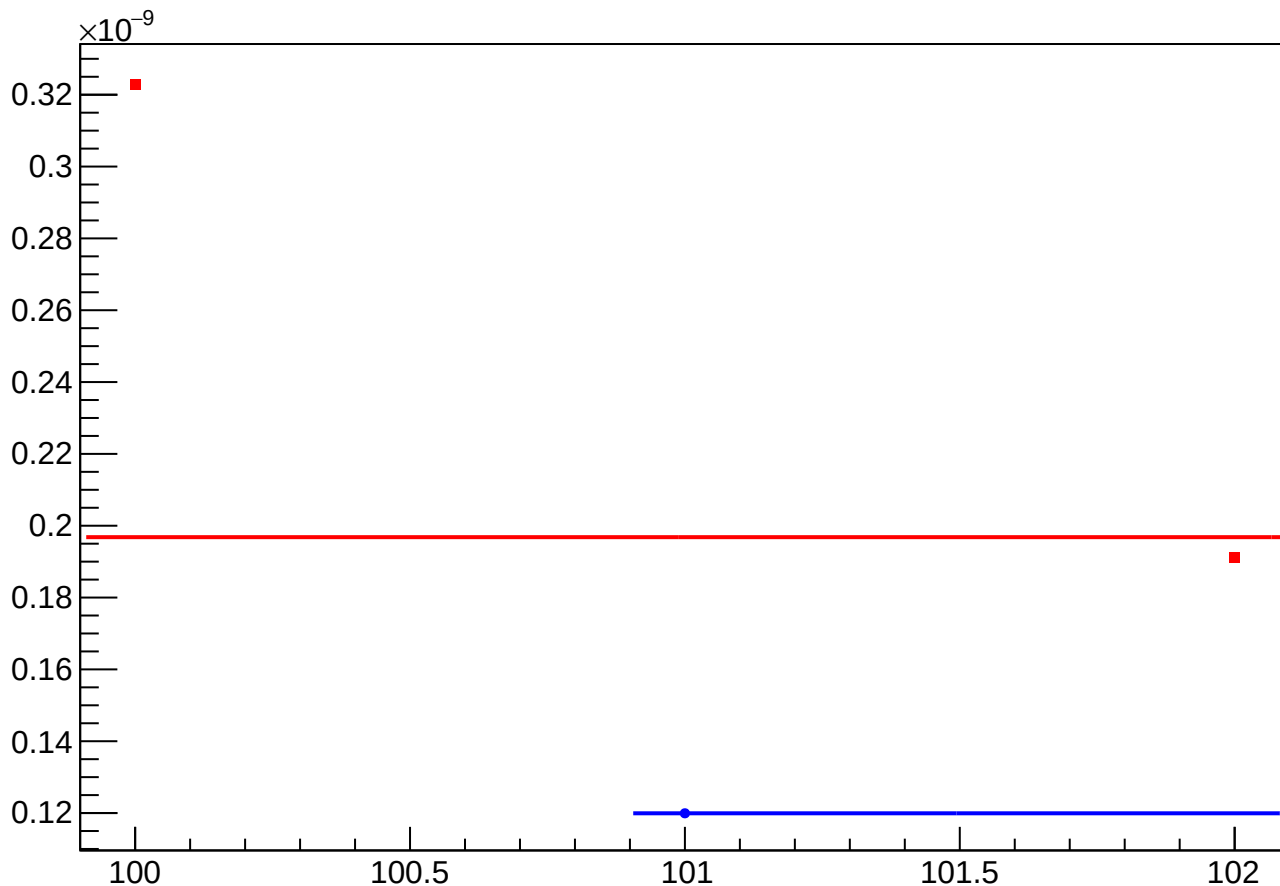
Right: 0.000+/-0.000 χ^2/NDF : 1.4/2

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 : 1.4/2

asym_atr1l2_avg_reg_vs_cor_diff_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 : 16411.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

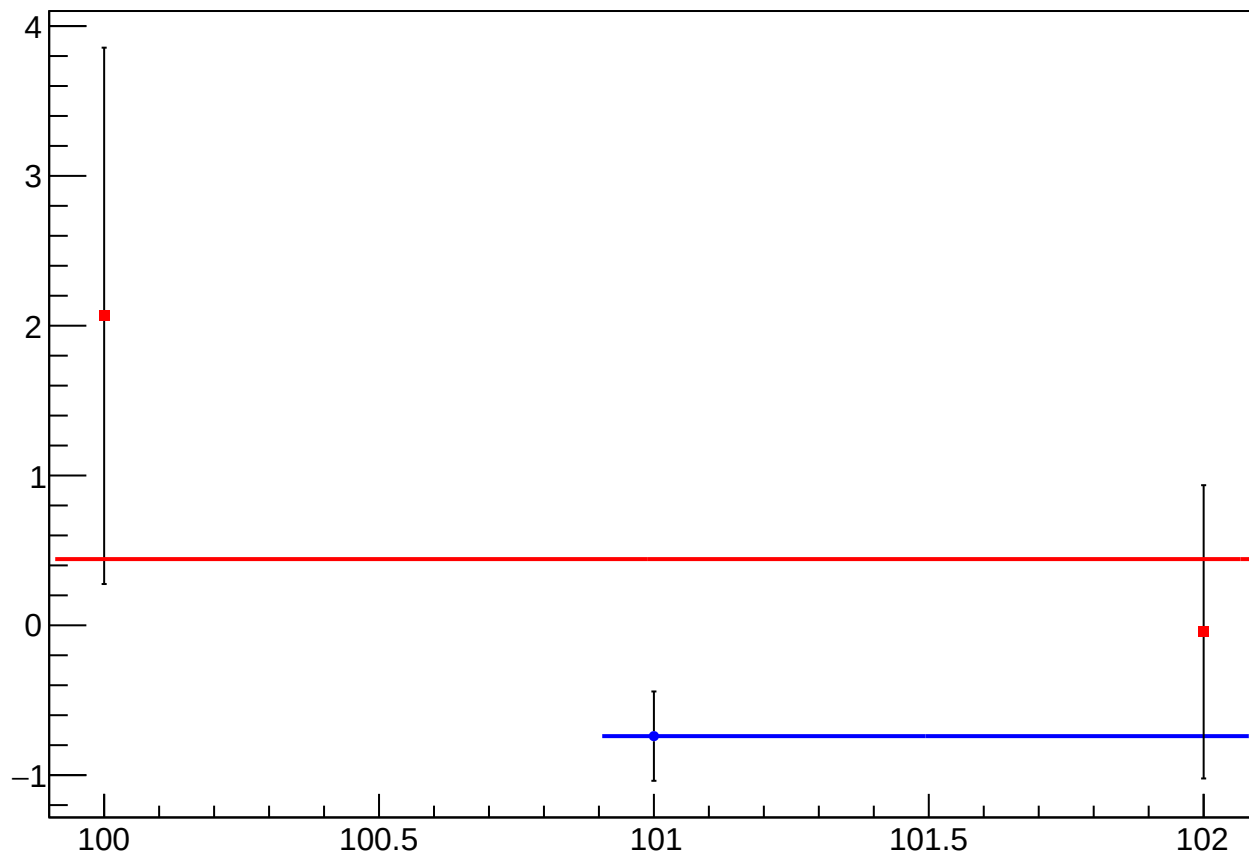
Right: 0.000+/-0.000 χ^2/NDF : 109105.9/2

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 : 109105.9/2

asym_atr1l2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.740 $\pm$ 0.298 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.442 $\pm$ 0.859 χ^2 /NDF: 1.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

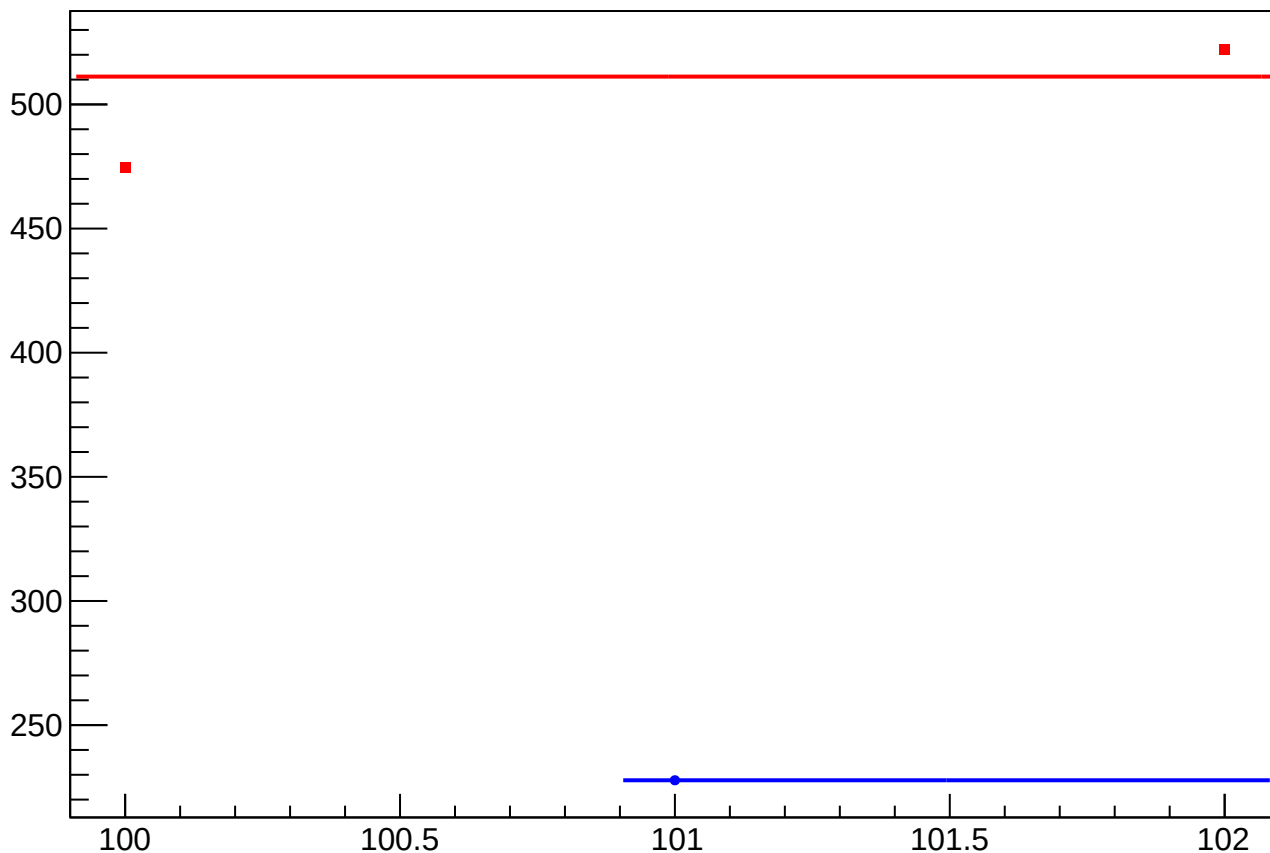
Right: -0.613 $\pm$ 0.282 χ^2 /NDF: 2.8/2

In: -0.740 $\pm$ 0.298 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.613 $\pm$ 0.282 χ^2 /NDF: 2.8/2

asym_atr1l2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 227.783+/-0.211 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 511.211+/-0.607 χ^2/NDF : 1089.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

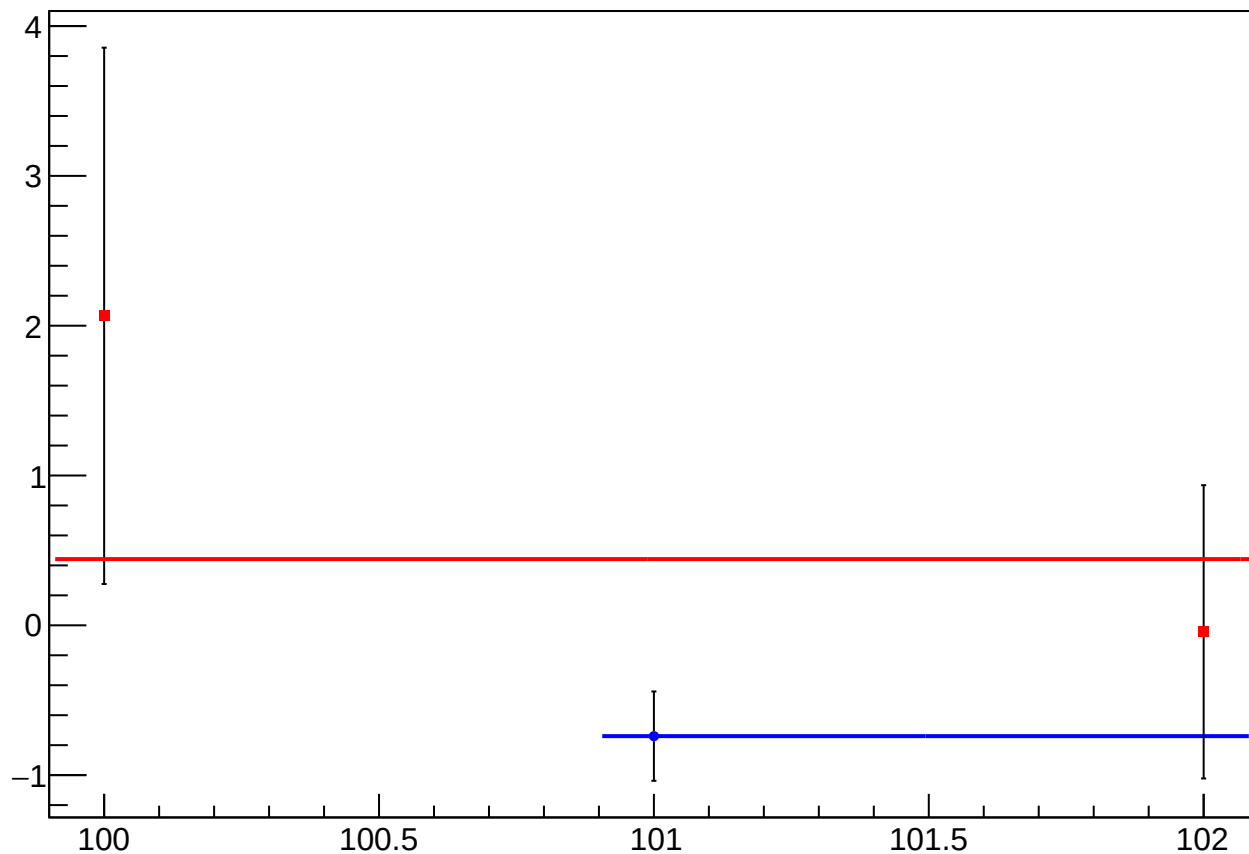
Right: 258.269+/-0.199 χ^2/NDF : 195493.9/2

In: 227.783+/-0.211 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 258.269+/-0.199 χ^2/NDF : 195493.9/2

asym_atr1l2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.740 $\pm$ 0.298 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.442 $\pm$ 0.859 χ^2 /NDF: 1.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

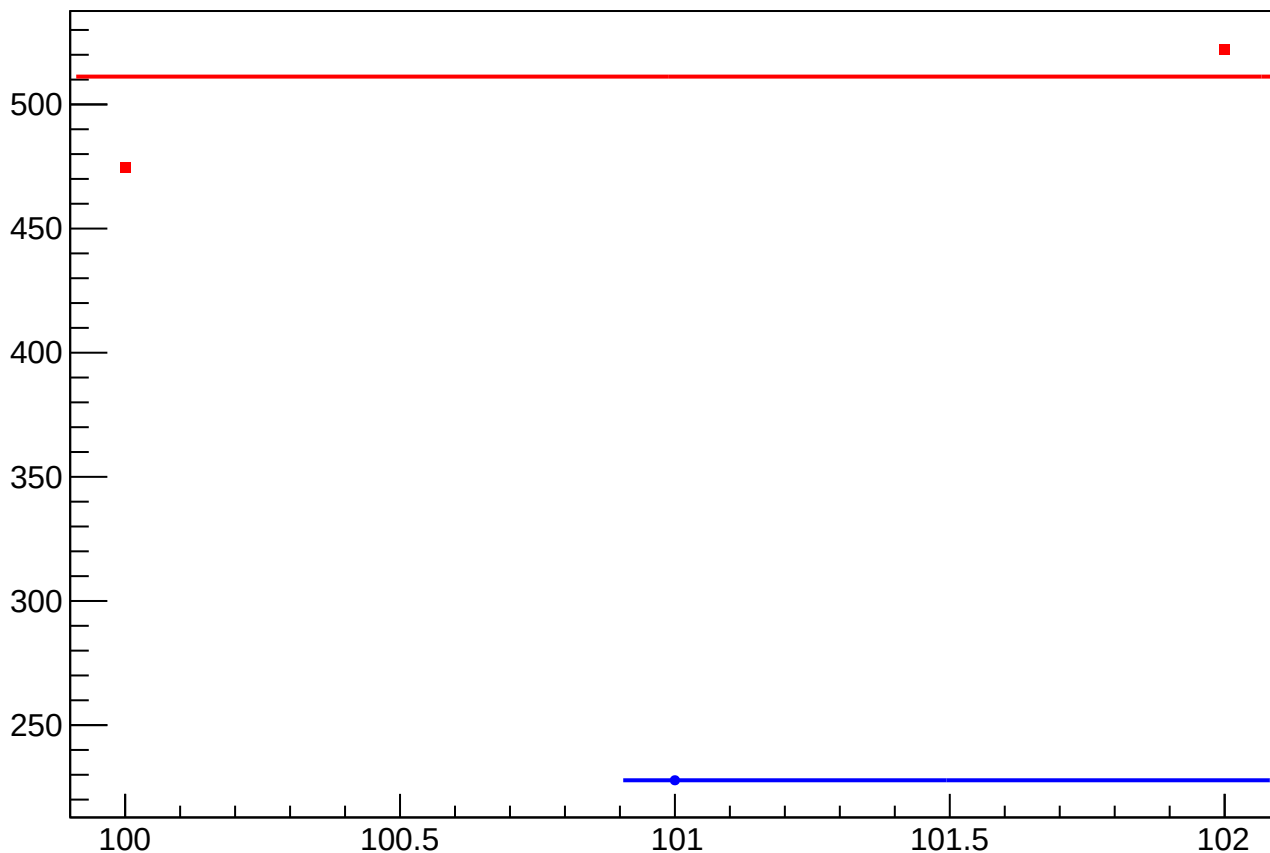
Right: -0.613 $\pm$ 0.282 χ^2 /NDF: 2.8/2

In: -0.740 $\pm$ 0.298 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.613 $\pm$ 0.282 χ^2 /NDF: 2.8/2

asym_atr1l2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 227.783 $\pm$ 0.211 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 511.211 $\pm$ 0.607 χ^2 /NDF: 1089.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

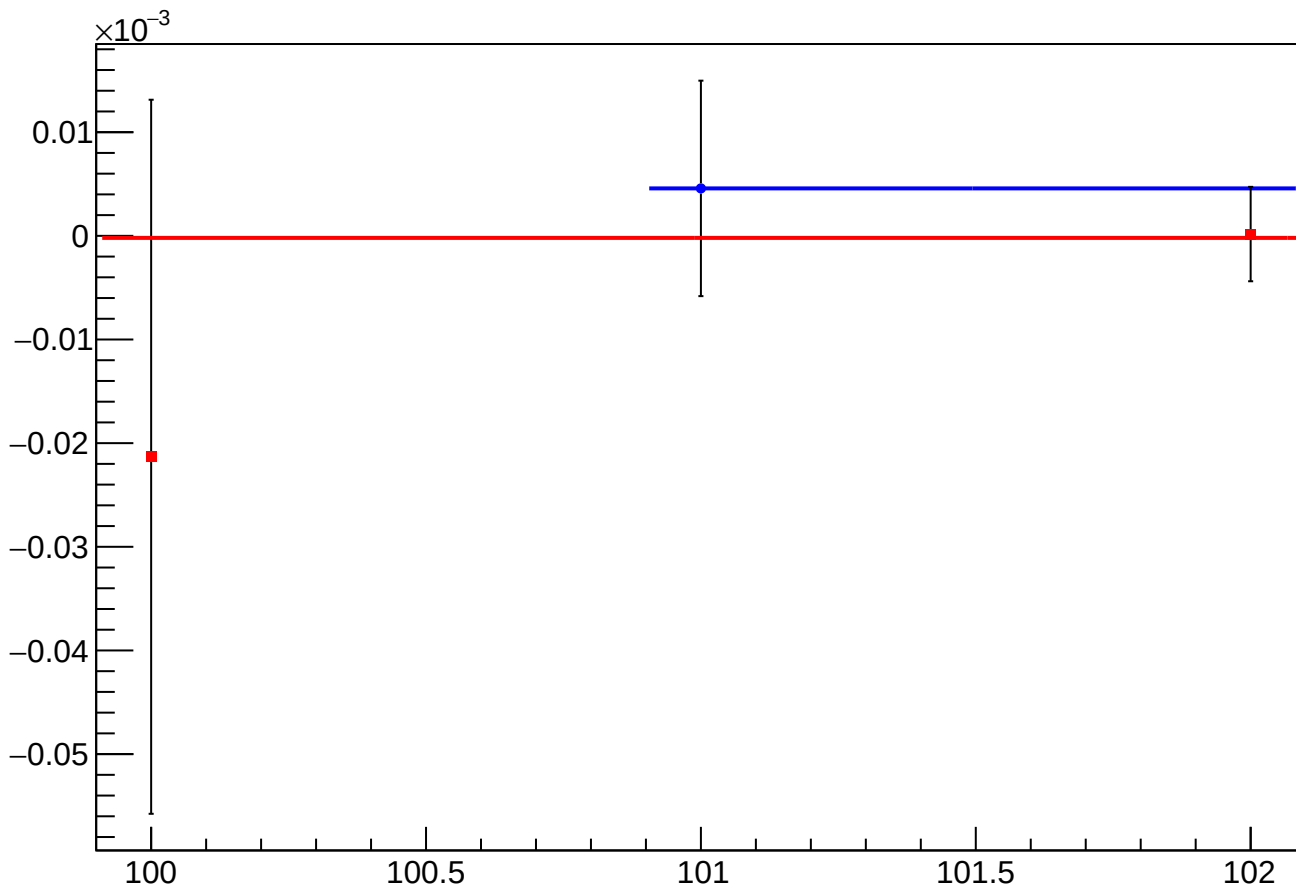
Right: 258.269 $\pm$ 0.199 χ^2 /NDF: 195493.9/2

In: 227.783 $\pm$ 0.211 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 258.269 $\pm$ 0.199 χ^2 /NDF: 195493.9/2

asym_atr1l2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 0.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

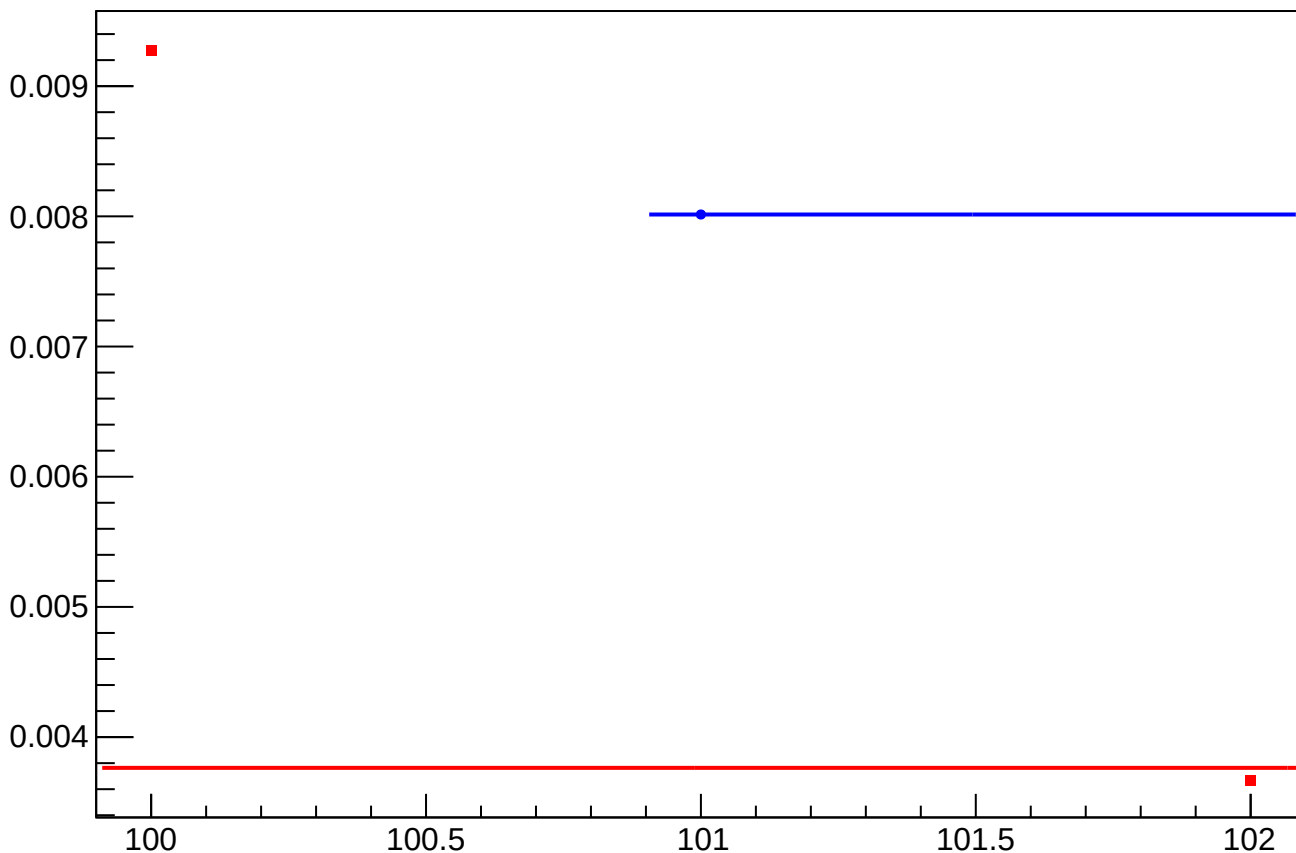
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.6/2

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.6/2

asym_atr1l2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 52020.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

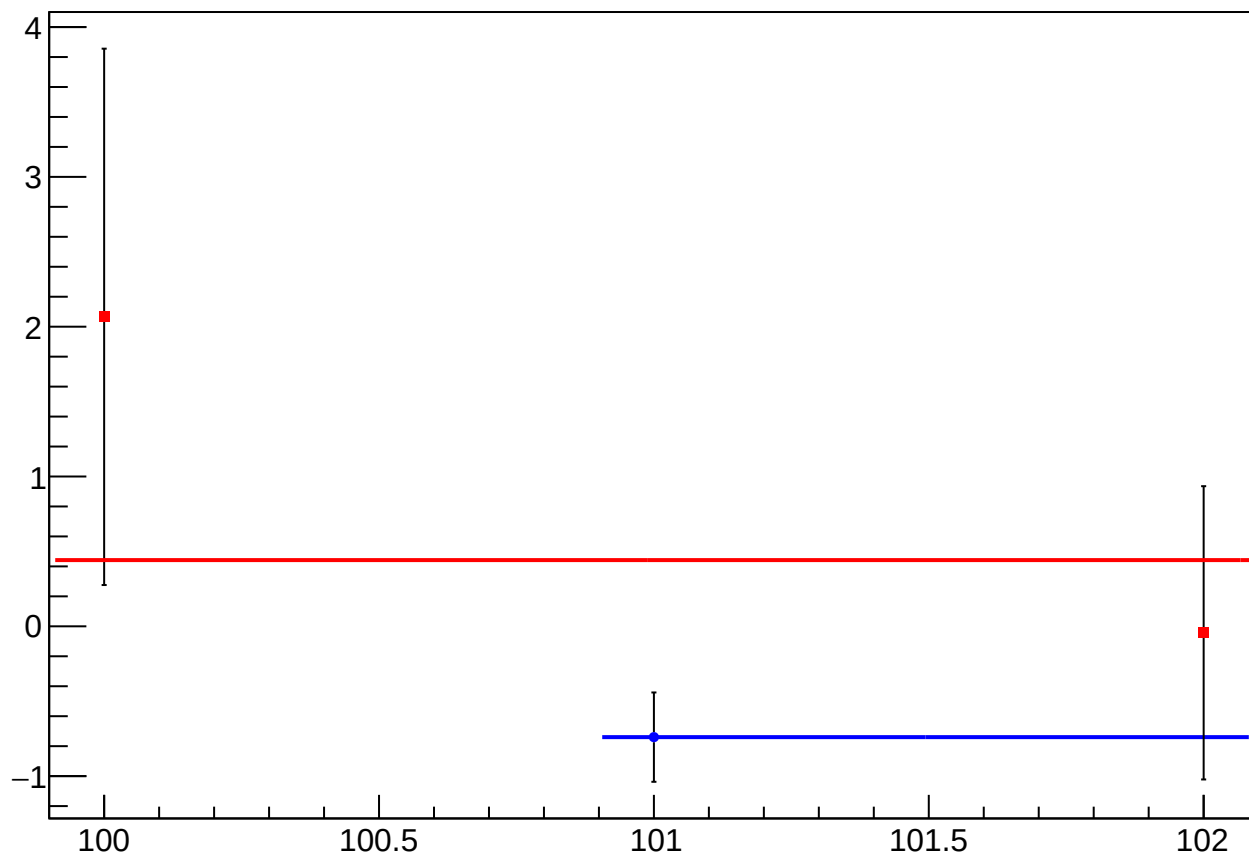
Right: 0.004+/-0.000 χ^2/NDF : 333392.4/2

In: 0.008+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 333392.4/2

asym_atr1l2_avg_eigen_dit_vs_slug_Sign_Corrected



Right In: -0.740 $\pm$ 0.298 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.442 $\pm$ 0.859 χ^2 /NDF: 1.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

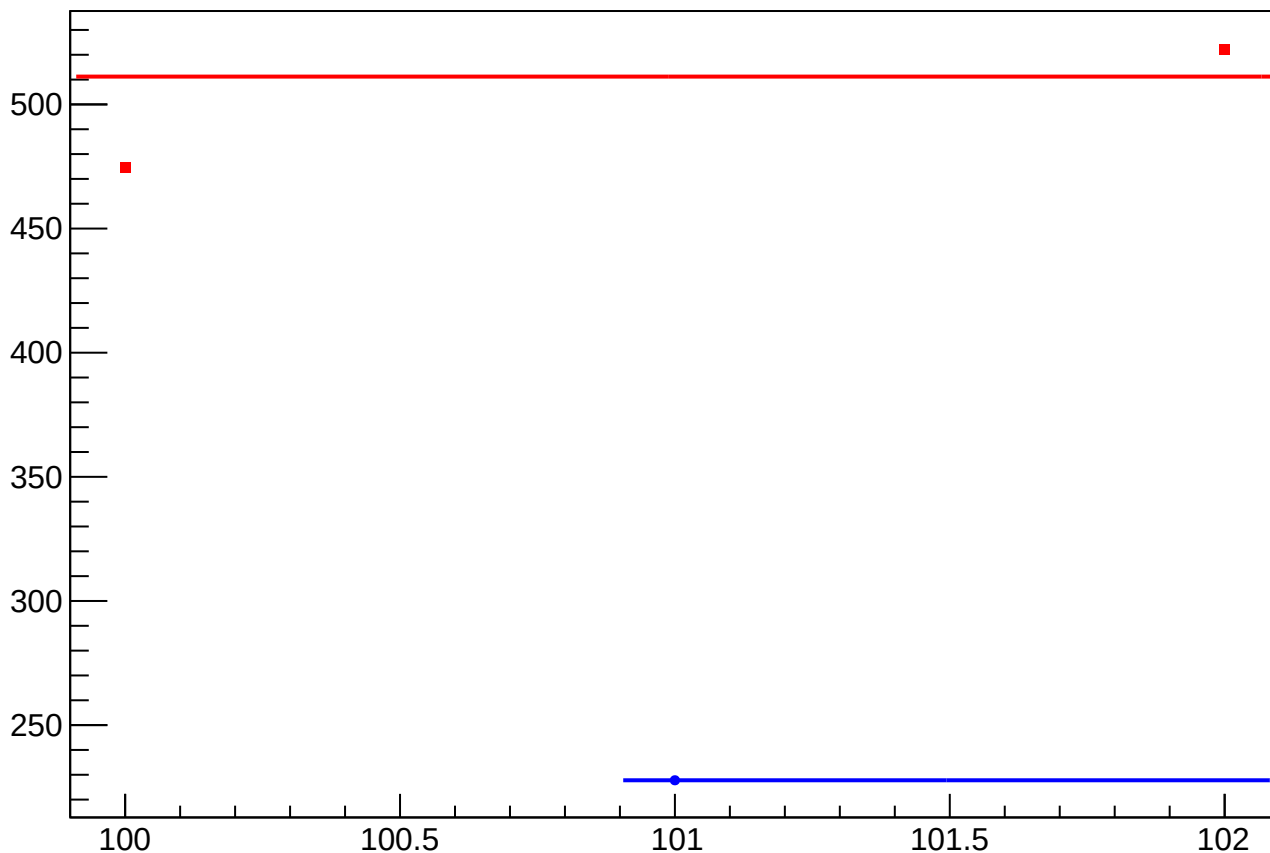
Right: -0.613 $\pm$ 0.282 χ^2 /NDF: 2.8/2

In: -0.740 $\pm$ 0.298 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.613 $\pm$ 0.282 χ^2 /NDF: 2.8/2

asym_atr1l2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 227.781 $\pm$ 0.211 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 511.209 $\pm$ 0.607 χ^2 /NDF: 1089.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

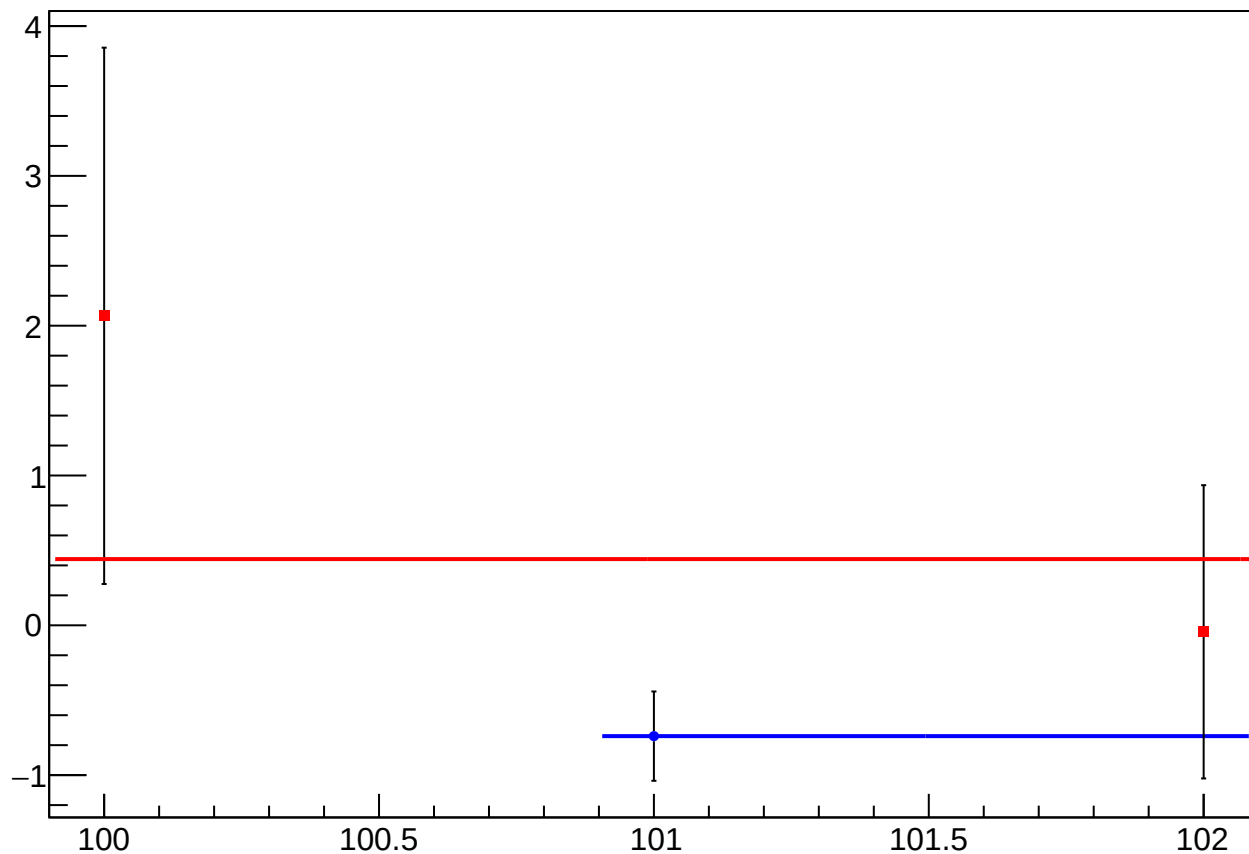
Right: 258.267 $\pm$ 0.199 χ^2 /NDF: 195495.1/2

In: 227.781 $\pm$ 0.211 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 258.267 $\pm$ 0.199 χ^2 /NDF: 195495.1/2

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.740+/-0.298 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.442+/-0.859 χ^2/NDF : 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

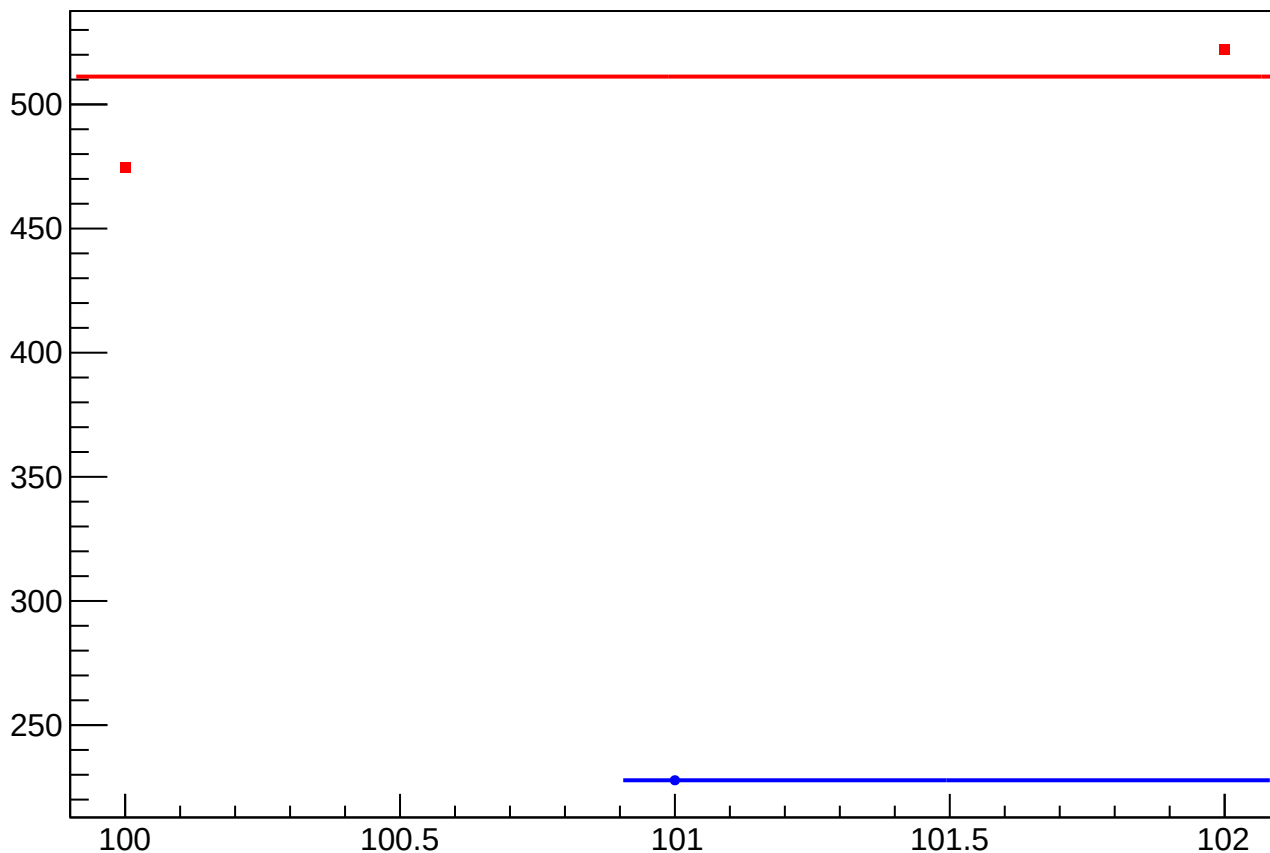
Right: -0.613+/-0.282 χ^2/NDF : 2.8/2

In: -0.740+/-0.298 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.613+/-0.282 χ^2/NDF : 2.8/2

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 227.781 $\pm$ 0.211 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 511.209 $\pm$ 0.607 χ^2 /NDF: 1089.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

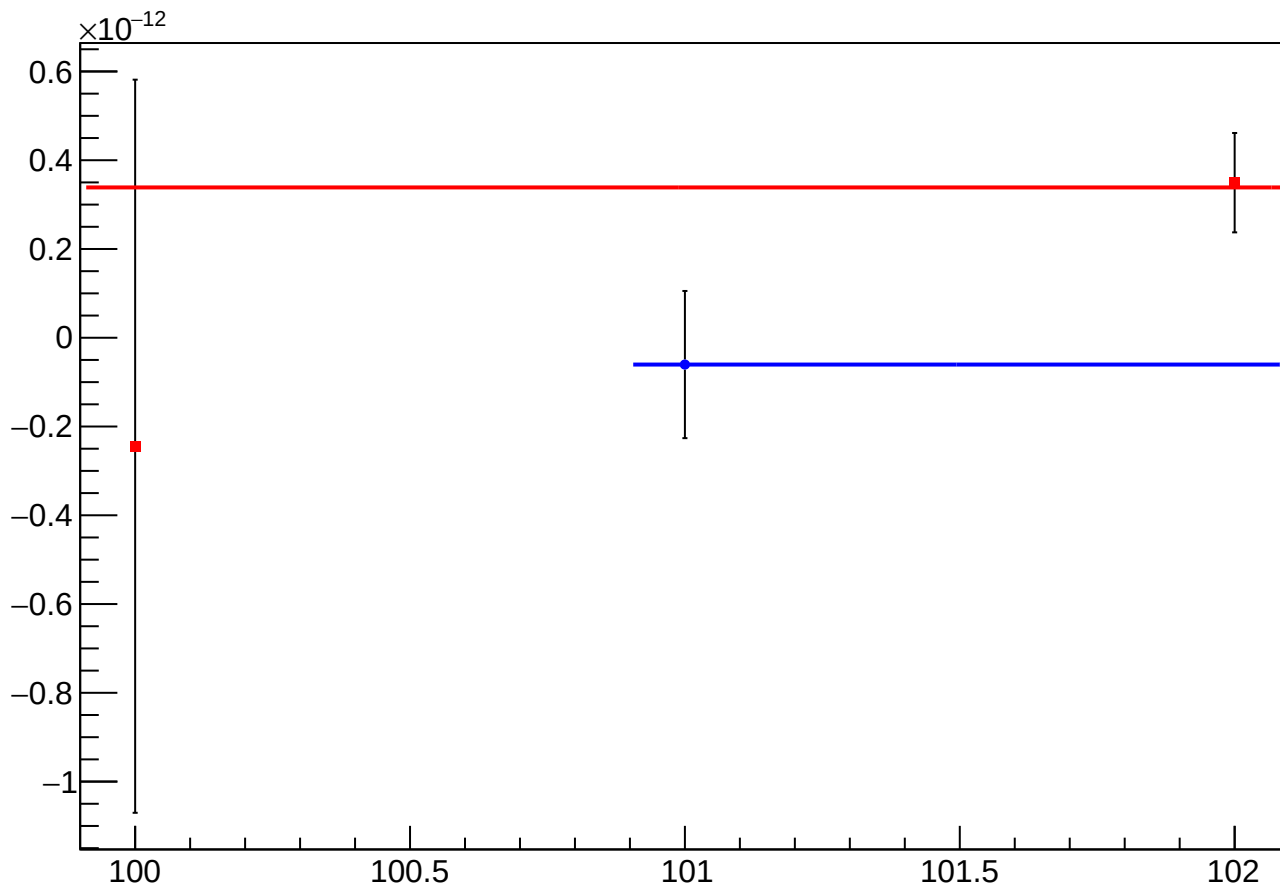
Right: 258.267 $\pm$ 0.199 χ^2 /NDF: 195495.1/2

In: 227.781 $\pm$ 0.211 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 258.267 $\pm$ 0.199 χ^2 /NDF: 195495.1/2

asym_atr1l2_avg_eigen_cor_vs_cor_diff_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 : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

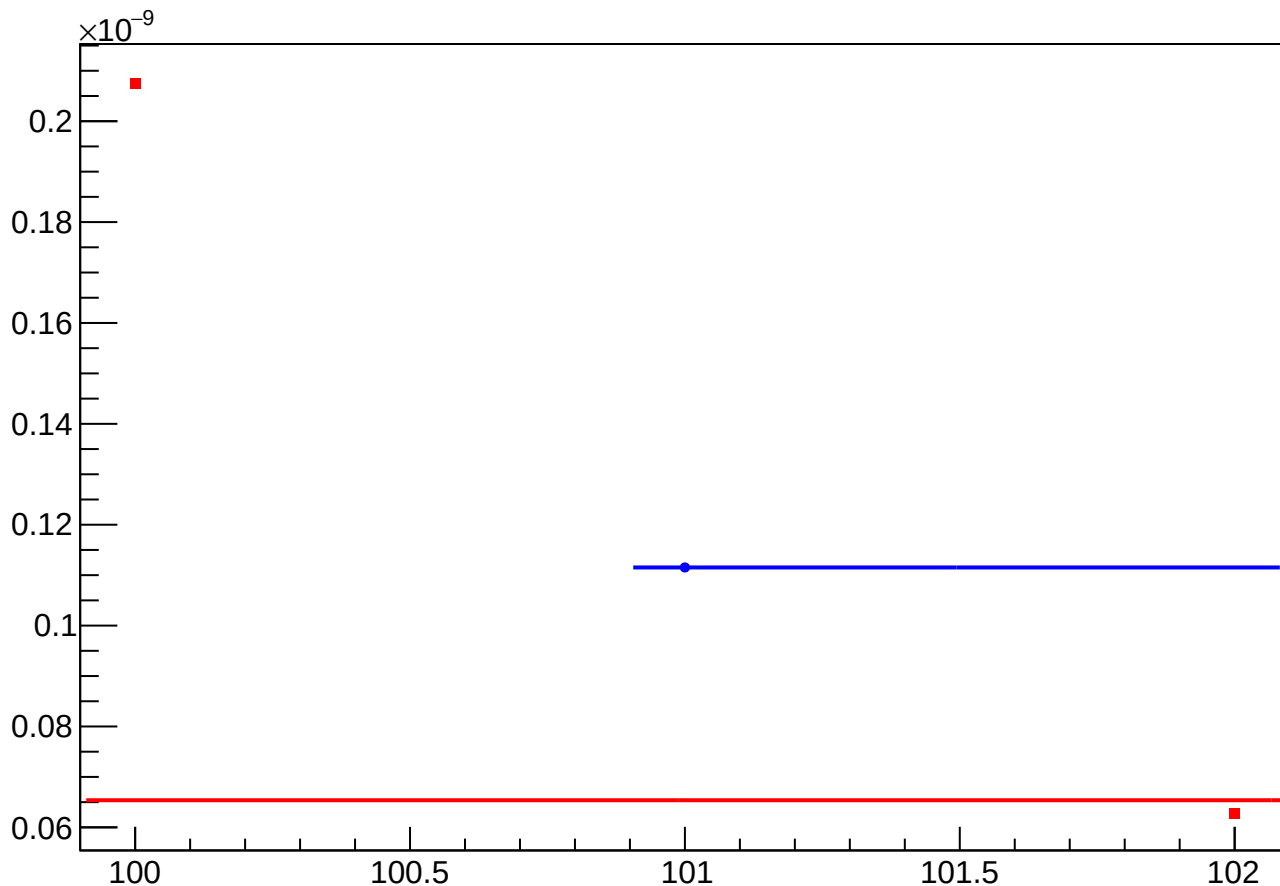
Right: 0.000+/-0.000 χ^2/NDF : 4.5/2

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 : 4.5/2

asym_atr1l2_avg_eigen_cor_vs_cor_diff_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: 60270.3/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

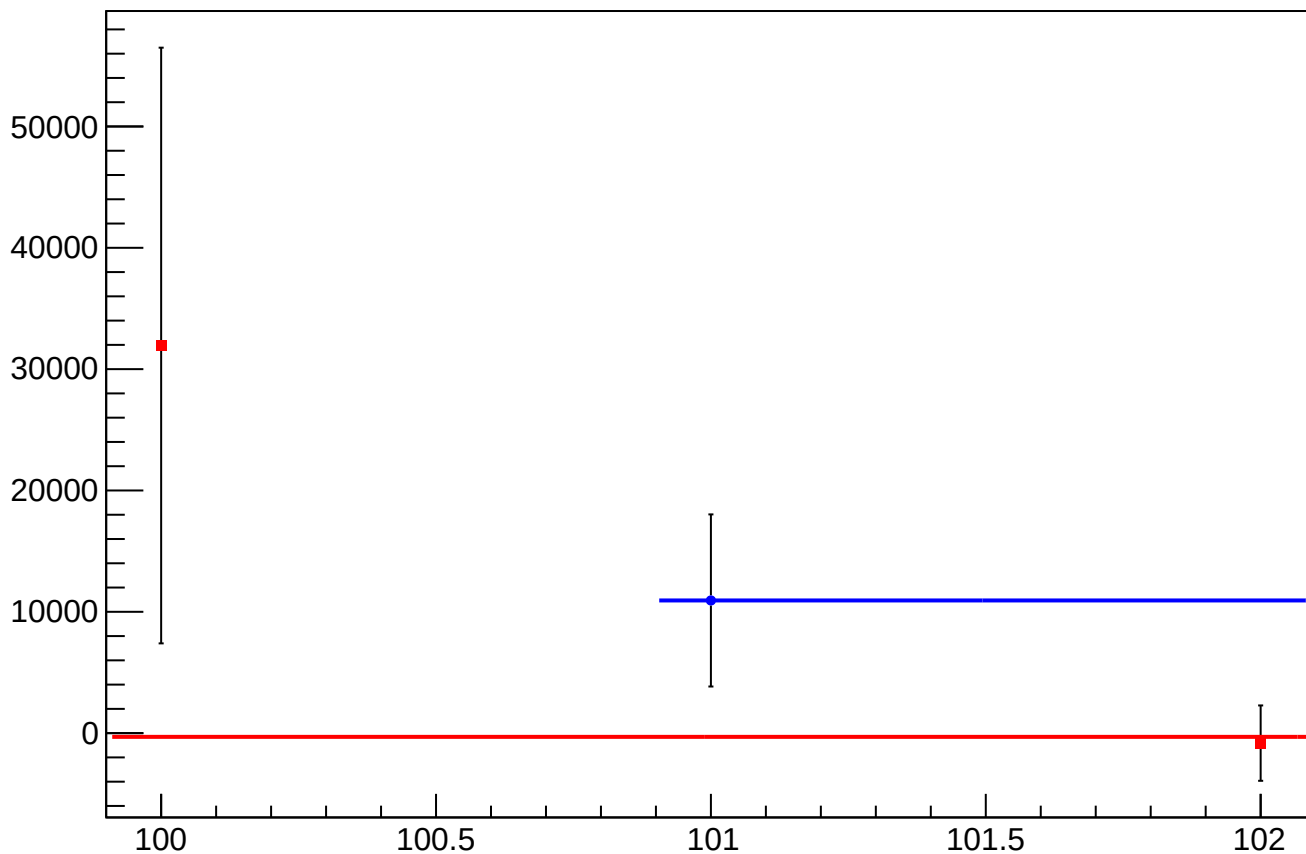
Right: 0.000+/-0.000 χ^2 /NDF: 167306.7/2

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: 167306.7/2

reg_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 10935.786+/-7092.761 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -306.231+/-3080.854 χ^2/NDF : 1.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

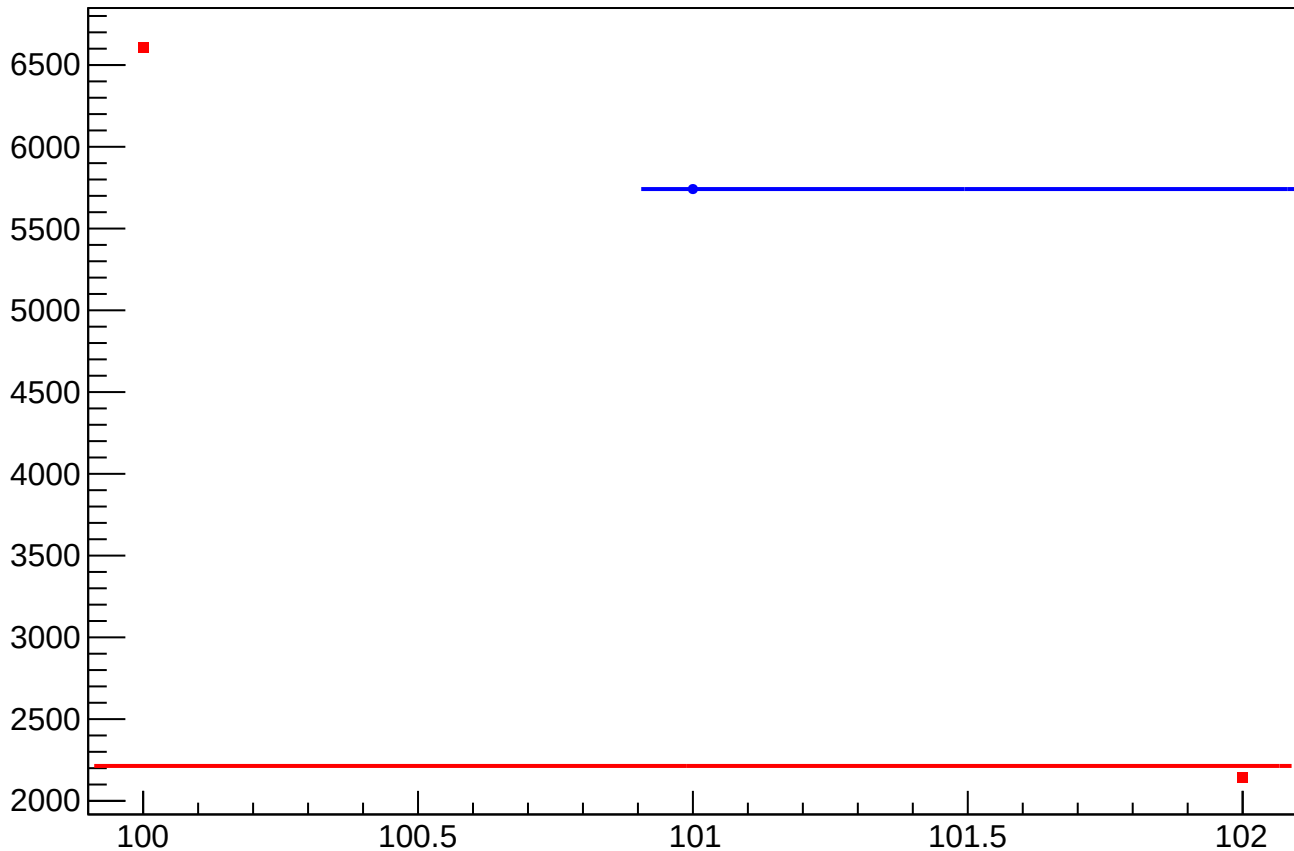
Right: 1478.172+/-2825.789 χ^2/NDF : 3.9/2

In: 10935.786+/-7092.761 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1478.172+/-2825.789 χ^2/NDF : 3.9/2

reg_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 5741.546 $\pm$ 5.015 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2213.642 $\pm$ 2.178 χ^2 /NDF: 65089.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

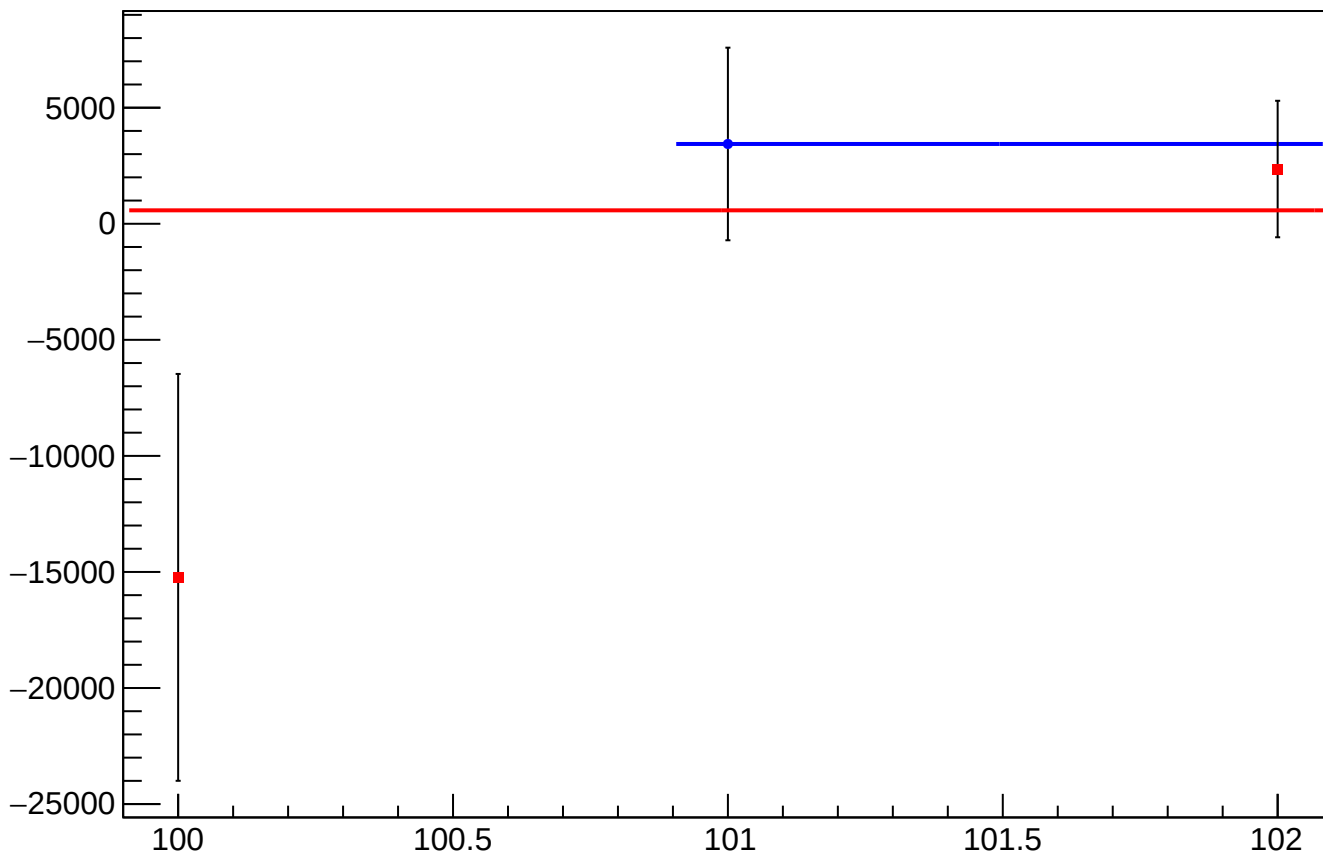
Right: 2773.560 $\pm$ 1.998 χ^2 /NDF: 481361.7/2

In: 5741.546 $\pm$ 5.015 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2773.560 $\pm$ 1.998 χ^2 /NDF: 481361.7/2

asym_atr1l2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 3437.745+/-4148.922 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 579.045+/-2787.277 χ^2/NDF : 3.6/1

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

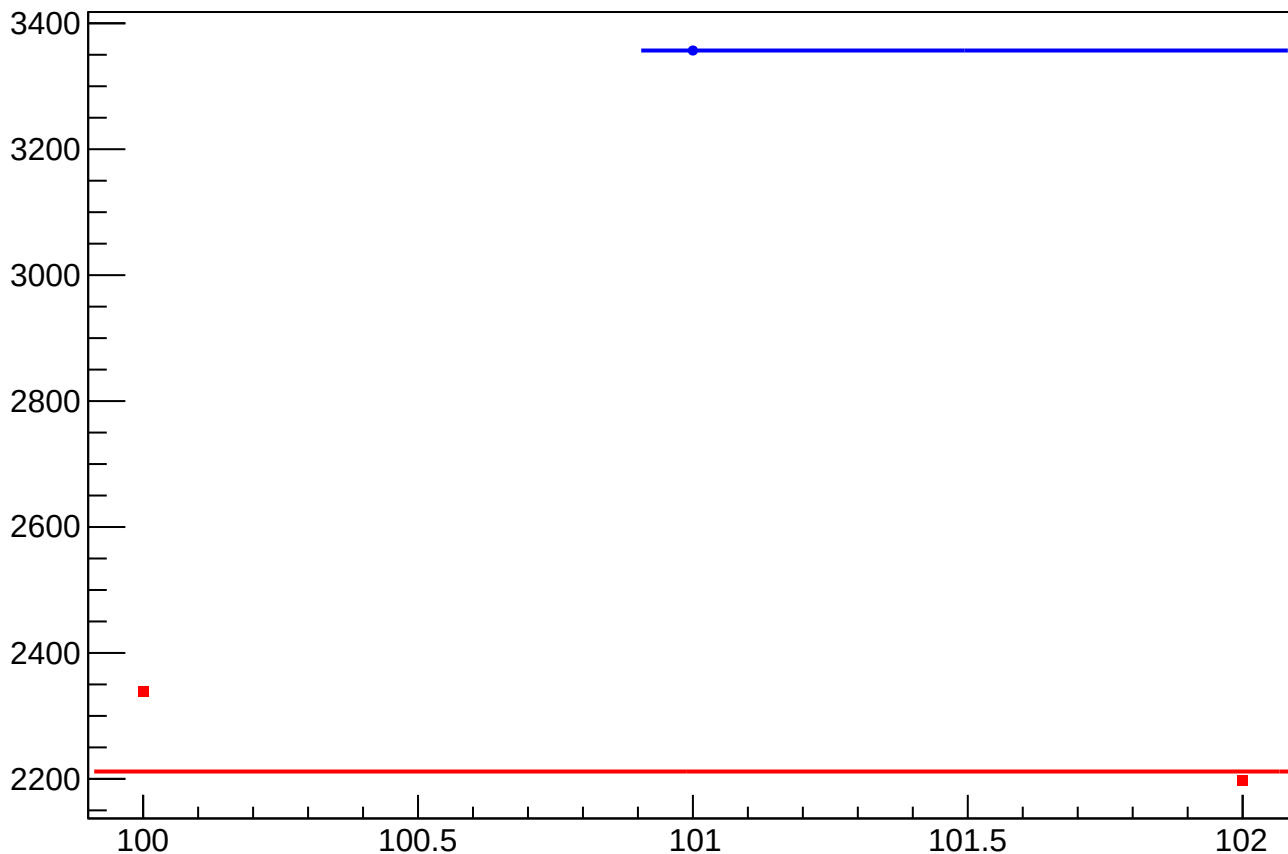
Right: 1468.029+/-2313.651 χ^2/NDF : 3.9/2

In: 3437.745+/-4148.922 χ^2/NDF :0.0/0

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1468.029+/-2313.651 χ^2/NDF : 3.9/2

asym_atr1l2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3356.752 $\pm$ 2.934 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2211.717 $\pm$ 1.971 χ^2 /NDF: 466.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

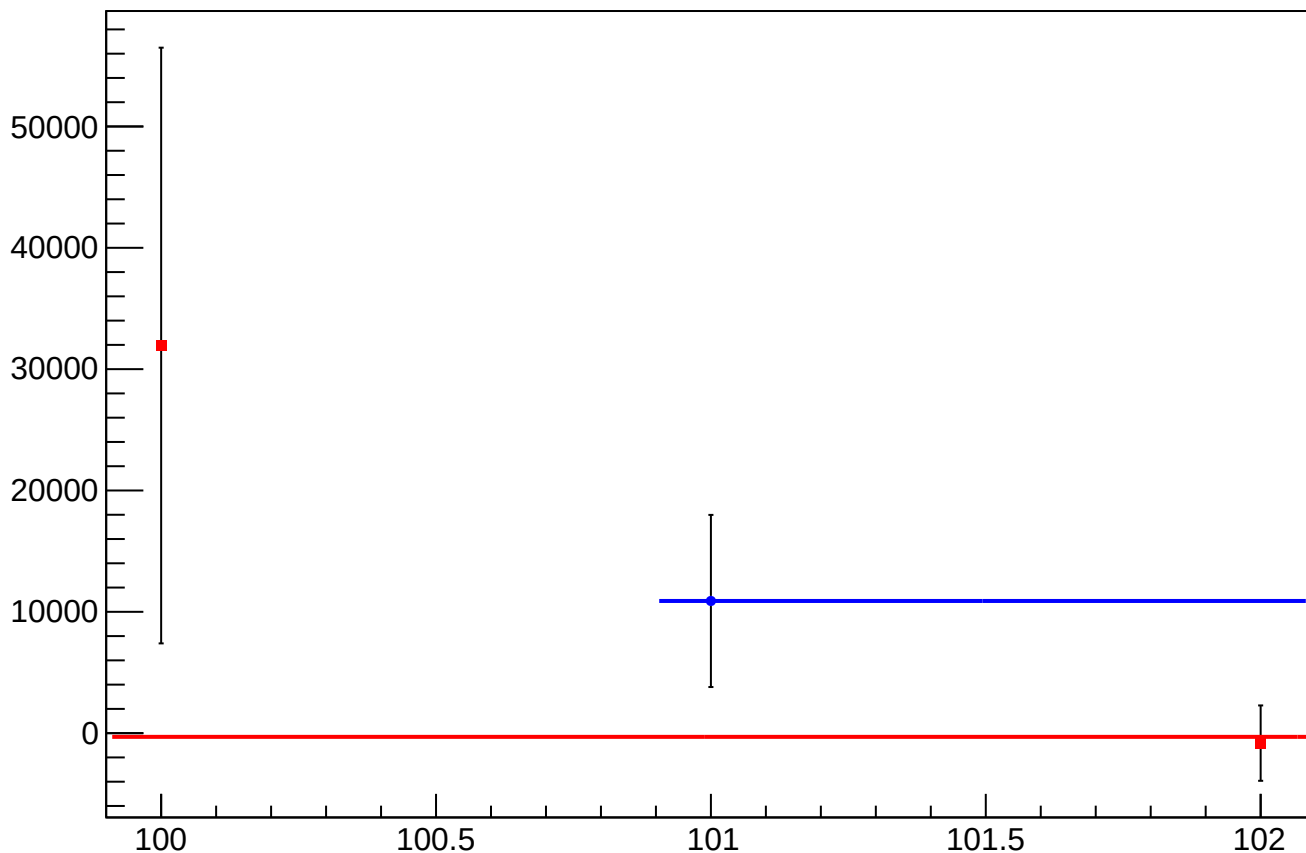
Right: 2567.794 $\pm$ 1.636 χ^2 /NDF: 105428.2/2

In: 3356.752 $\pm$ 2.934 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2567.794 $\pm$ 1.636 χ^2 /NDF: 105428.2/2

cor_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 10894.950+/-7092.797 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -304.508+/-3080.855 χ^2/NDF : 1.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

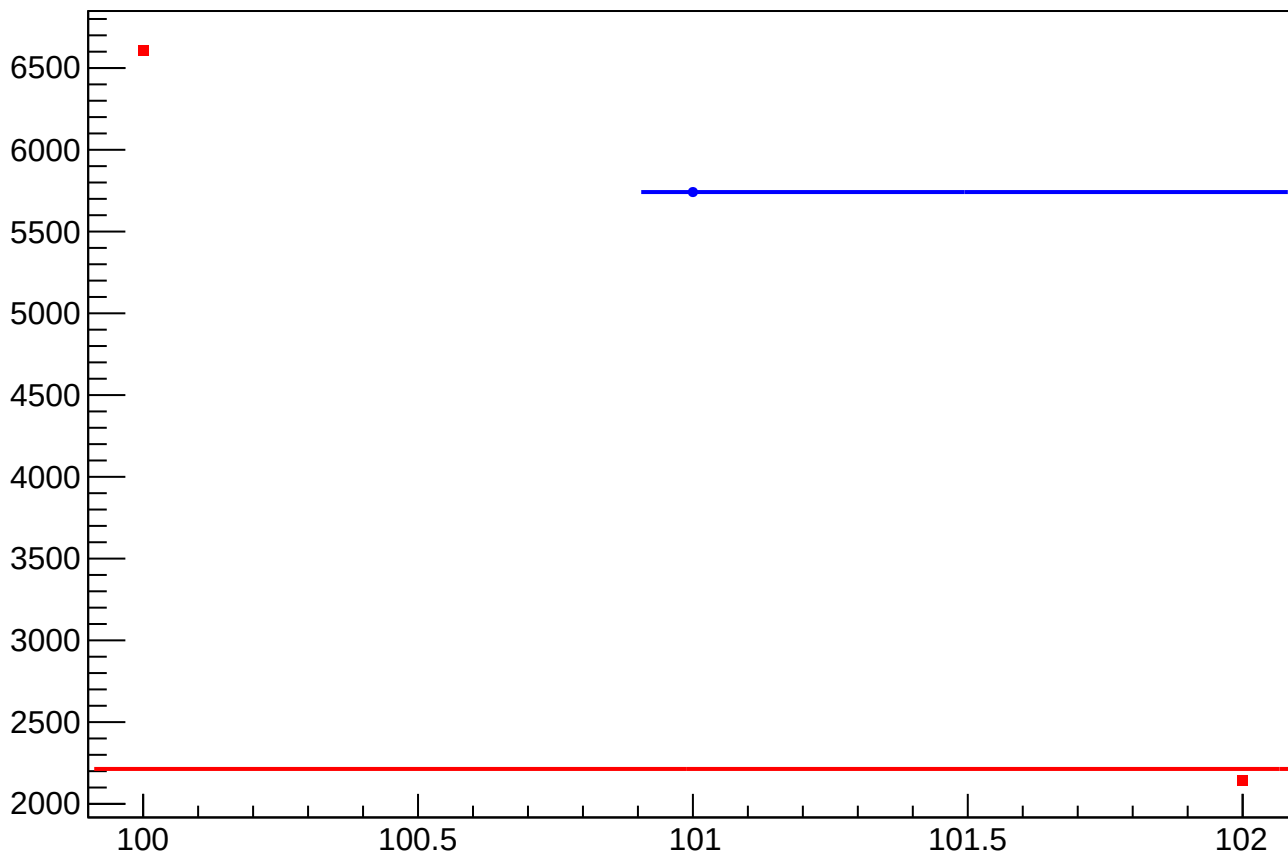
Right: 1473.126+/-2825.793 χ^2/NDF : 3.9/2

In: 10894.950+/-7092.797 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1473.126+/-2825.793 χ^2/NDF : 3.9/2

cor_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 5741.566+/-5.015 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2213.637+/-2.178 χ^2/NDF : 65089.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

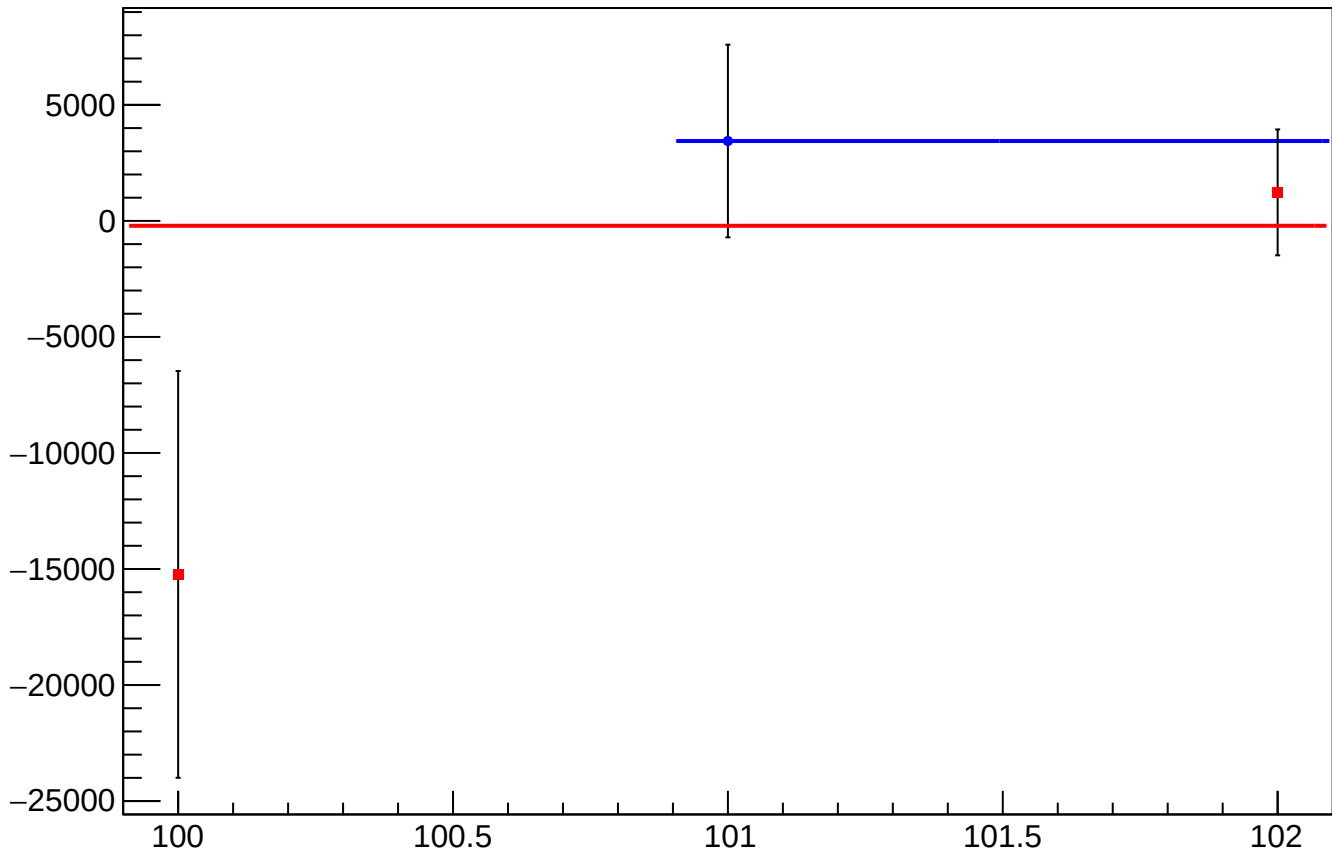
Right: 2773.555+/-1.998 χ^2/NDF : 481364.1/2

In: 5741.566+/-5.015 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2773.555+/-1.998 χ^2/NDF : 481364.1/2

asym_atr1l2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 3442.940+/-4151.747 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -209.911+/-2591.546 χ^2 /NDF: 3.2/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

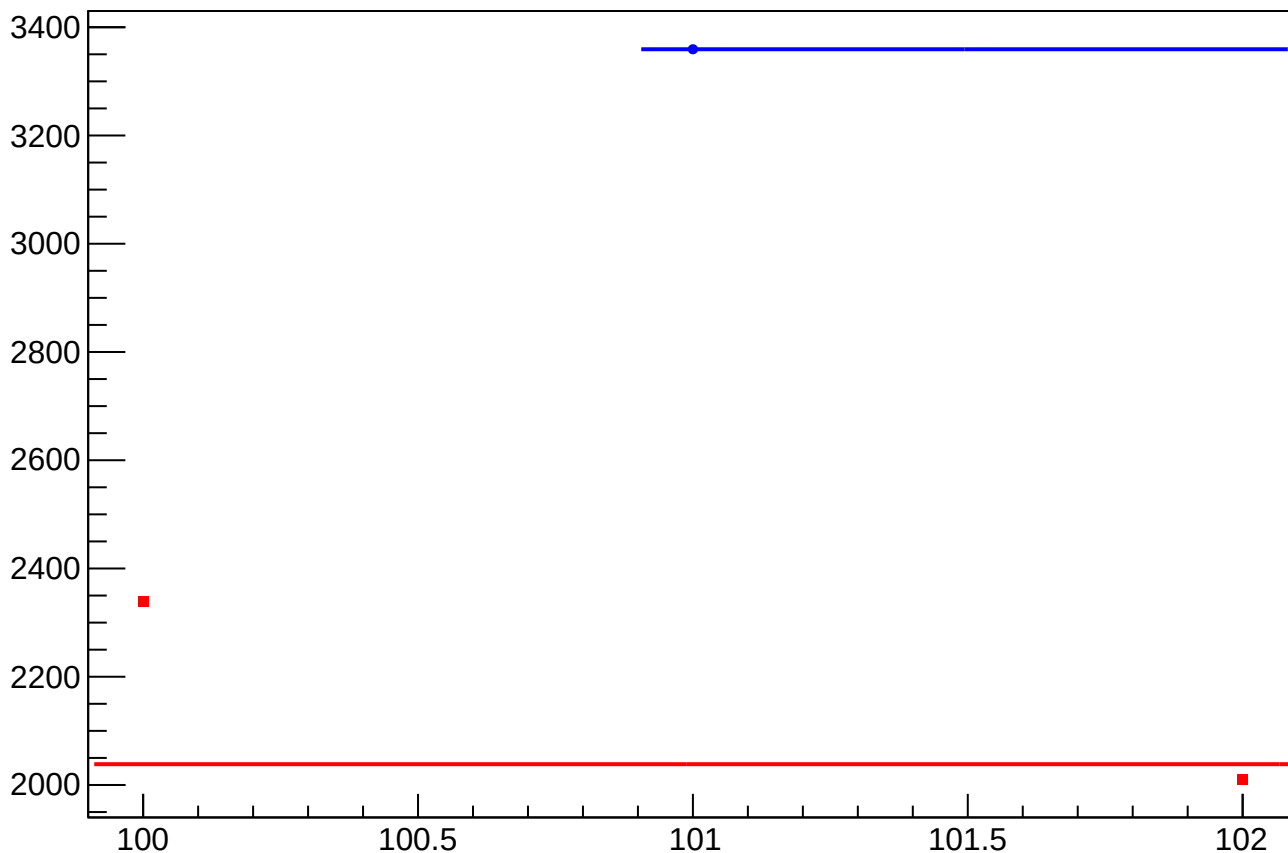
Right: 814.297+/-2198.411 χ^2 /NDF: 3.8/2

In: 3442.940+/-4151.747 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 814.297+/-2198.411 χ^2 /NDF: 3.8/2

asym_atr1l2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3359.312 $\pm$ 2.936 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2038.424 $\pm$ 1.833 χ^2 /NDF: 2570.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

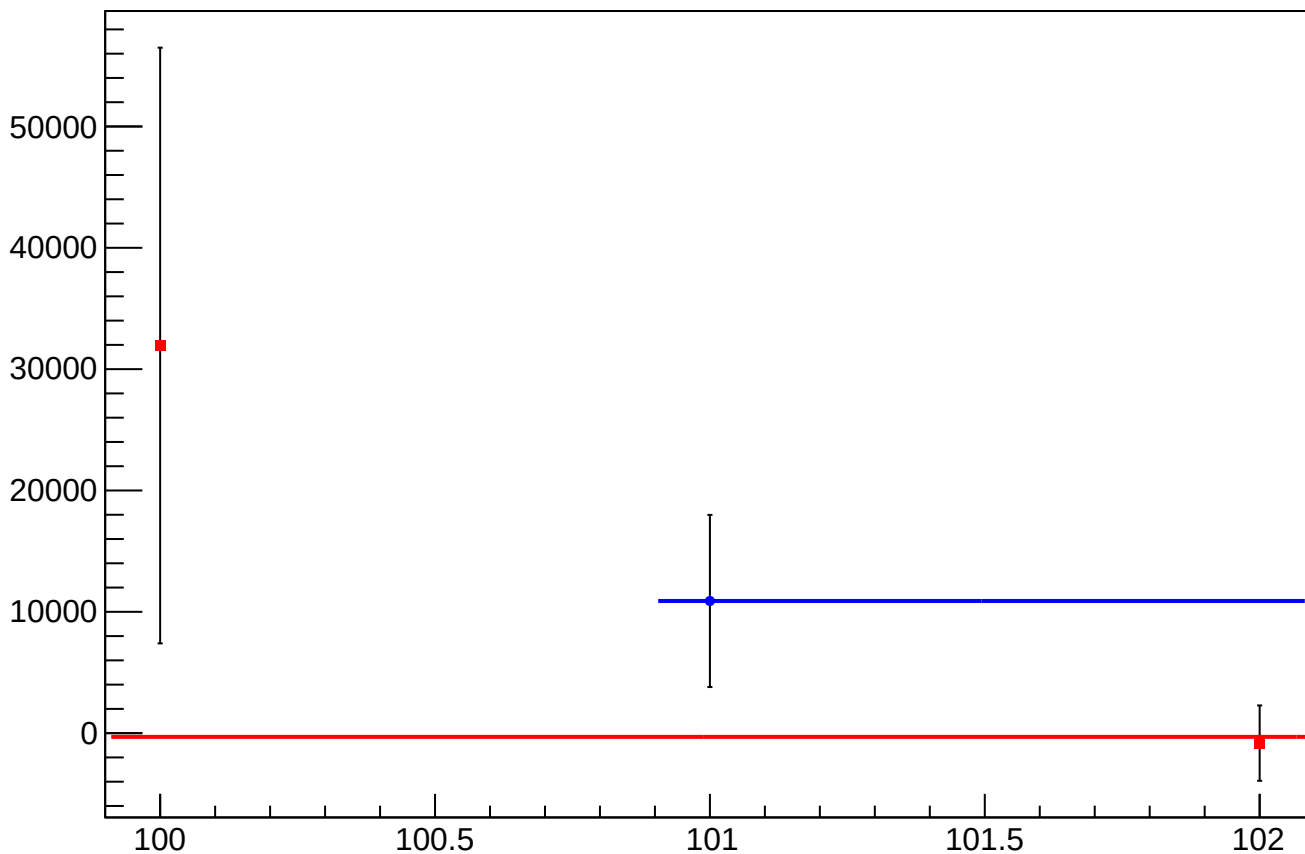
Right: 2408.782 $\pm$ 1.555 χ^2 /NDF: 148250.7/2

In: 3359.312 $\pm$ 2.936 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2408.782 $\pm$ 1.555 χ^2 /NDF: 148250.7/2

eigen_cor_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 10894.950+/-7092.797 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -304.508+/-3080.855 χ^2/NDF : 1.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

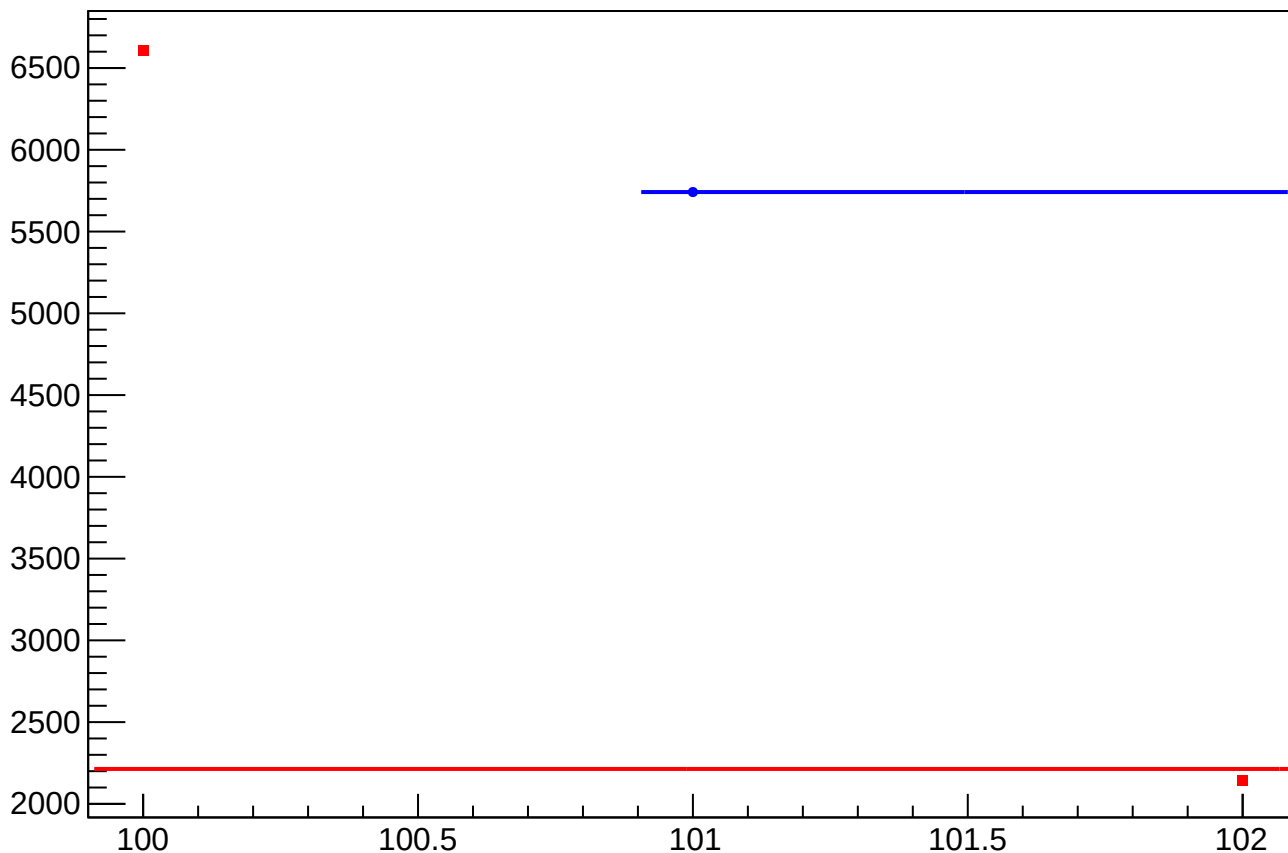
Right: 1473.126+/-2825.793 χ^2/NDF : 3.9/2

In: 10894.950+/-7092.797 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1473.126+/-2825.793 χ^2/NDF : 3.9/2

eigen_cor_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 5741.566+/-5.015 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2213.637+/-2.178 χ^2/NDF : 65089.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

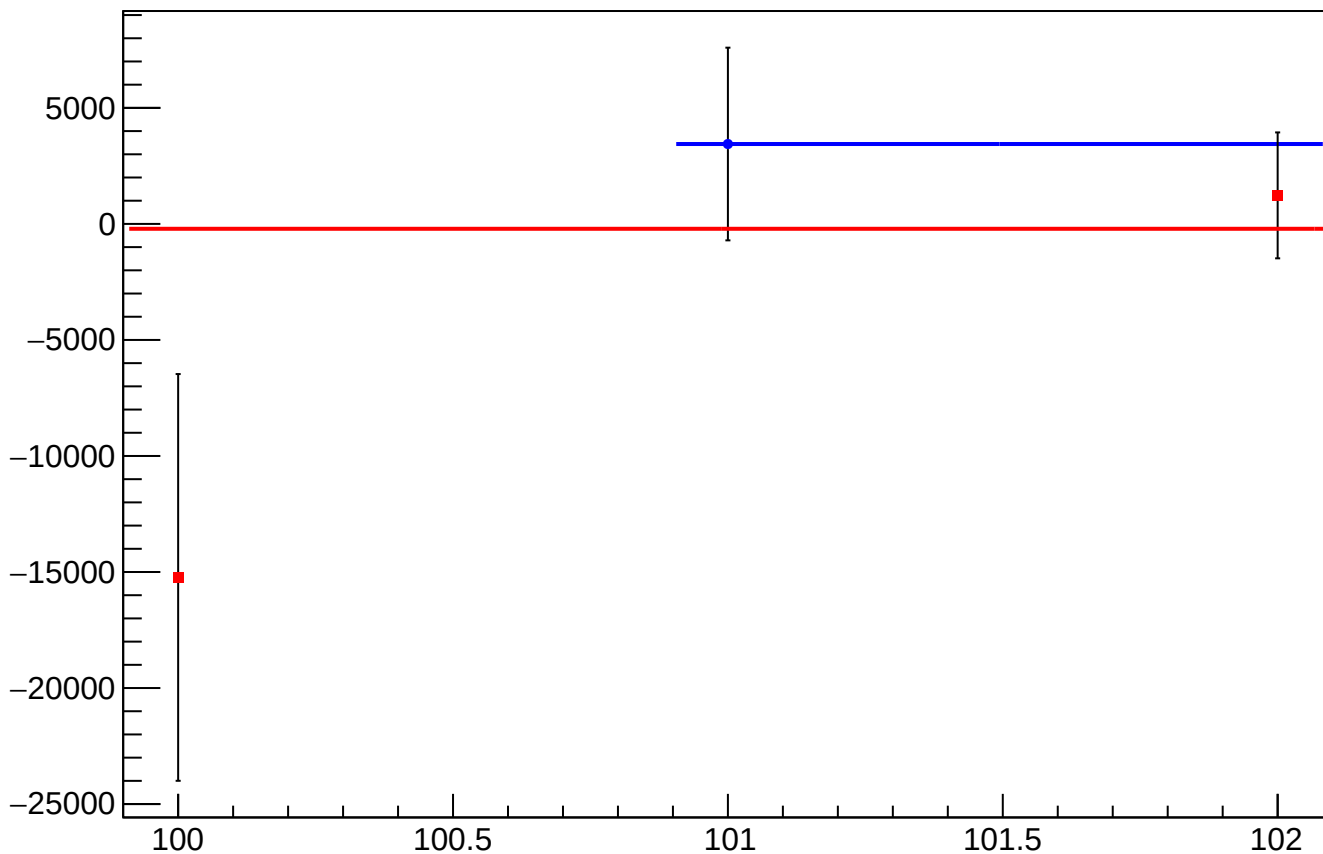
Right: 2773.555+/-1.998 χ^2/NDF : 481364.1/2

In: 5741.566+/-5.015 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2773.555+/-1.998 χ^2/NDF : 481364.1/2

asym_atr1l2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 3442.940+/-4151.747 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -209.911+/-2591.546 χ^2 /NDF: 3.2/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

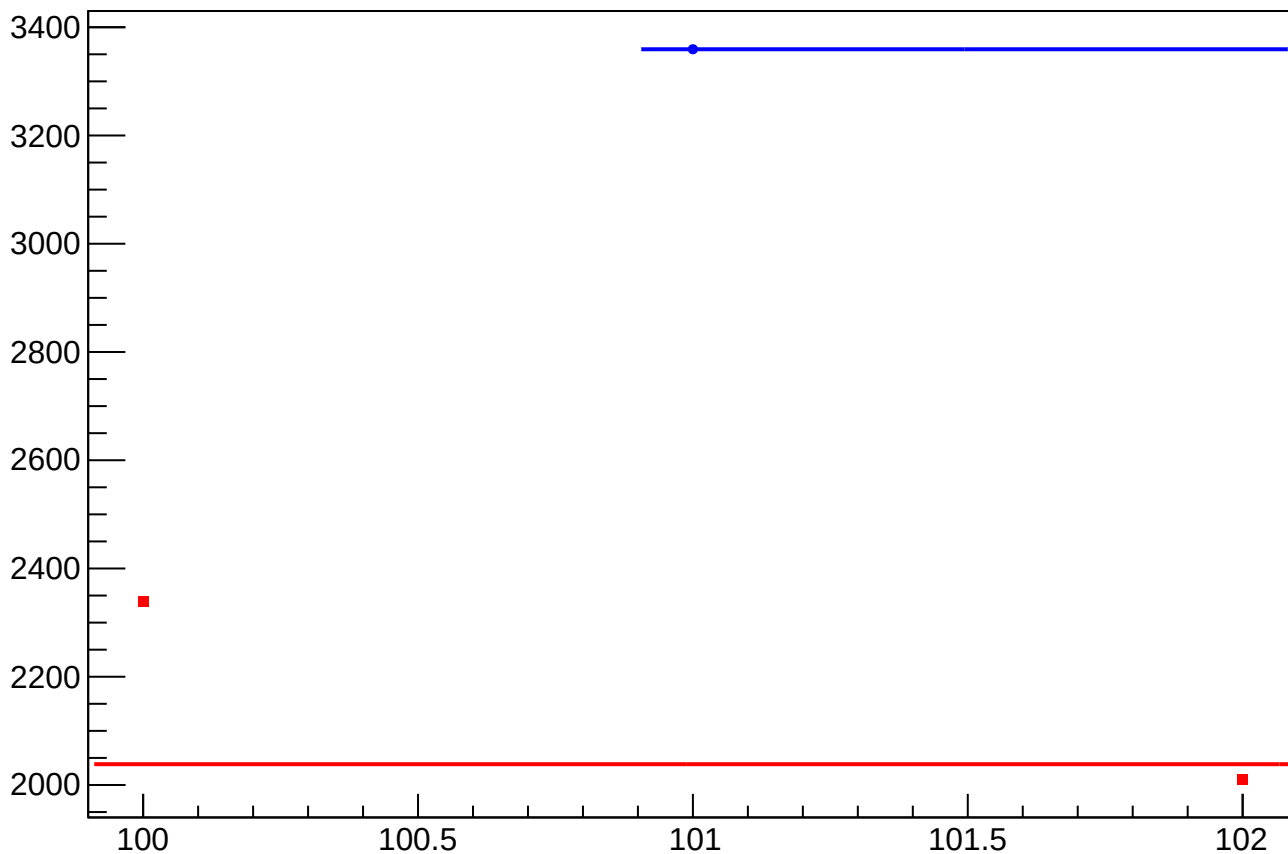
Right: 814.297+/-2198.411 χ^2 /NDF: 3.8/2

In: 3442.940+/-4151.747 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 814.297+/-2198.411 χ^2 /NDF: 3.8/2

asym_atr1l2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3359.312 $\pm$ 2.936 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2038.424 $\pm$ 1.833 χ^2 /NDF: 2570.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

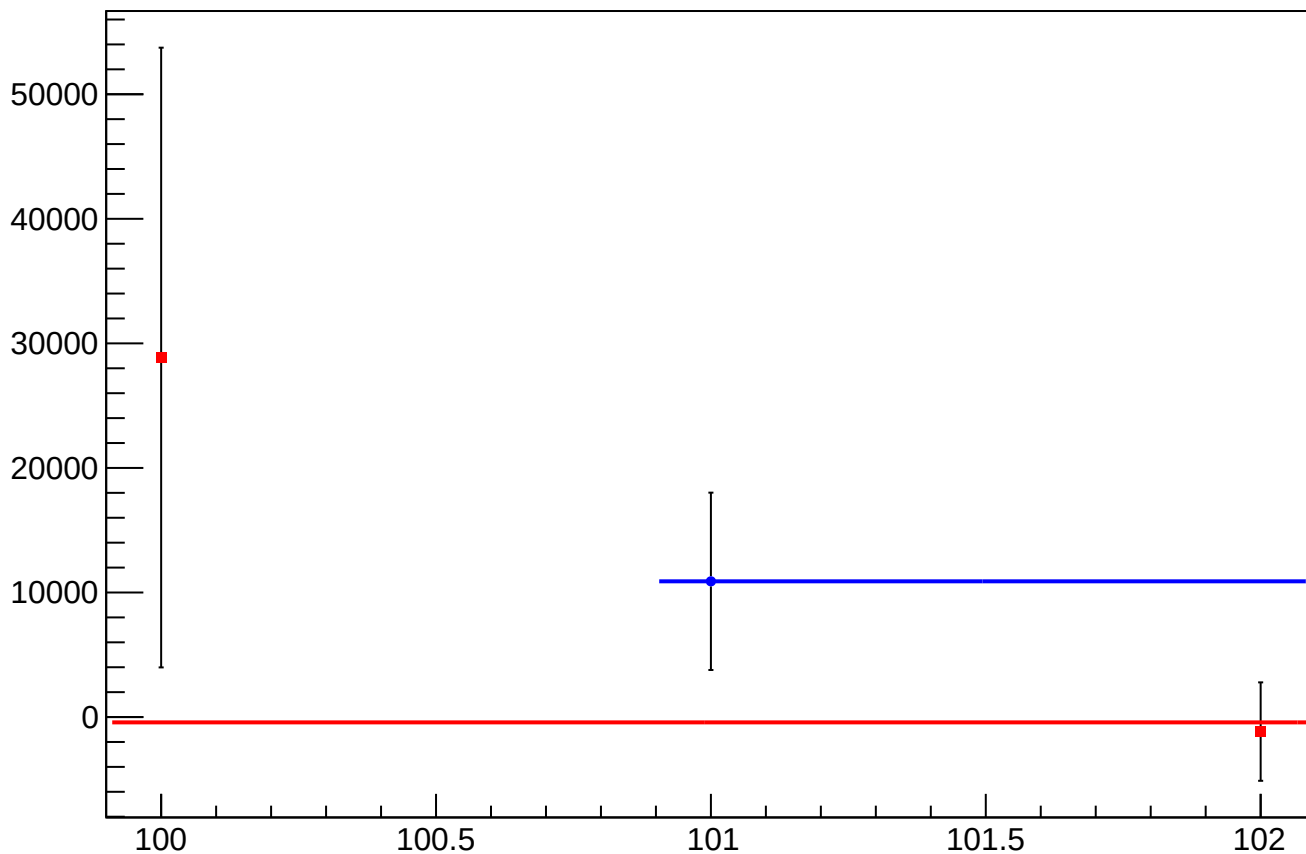
Right: 2408.782 $\pm$ 1.555 χ^2 /NDF: 148250.7/2

In: 3359.312 $\pm$ 2.936 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2408.782 $\pm$ 1.555 χ^2 /NDF: 148250.7/2

dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 10897.617+/-7118.416 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -426.807+/-3902.027 χ^2/NDF : 1.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

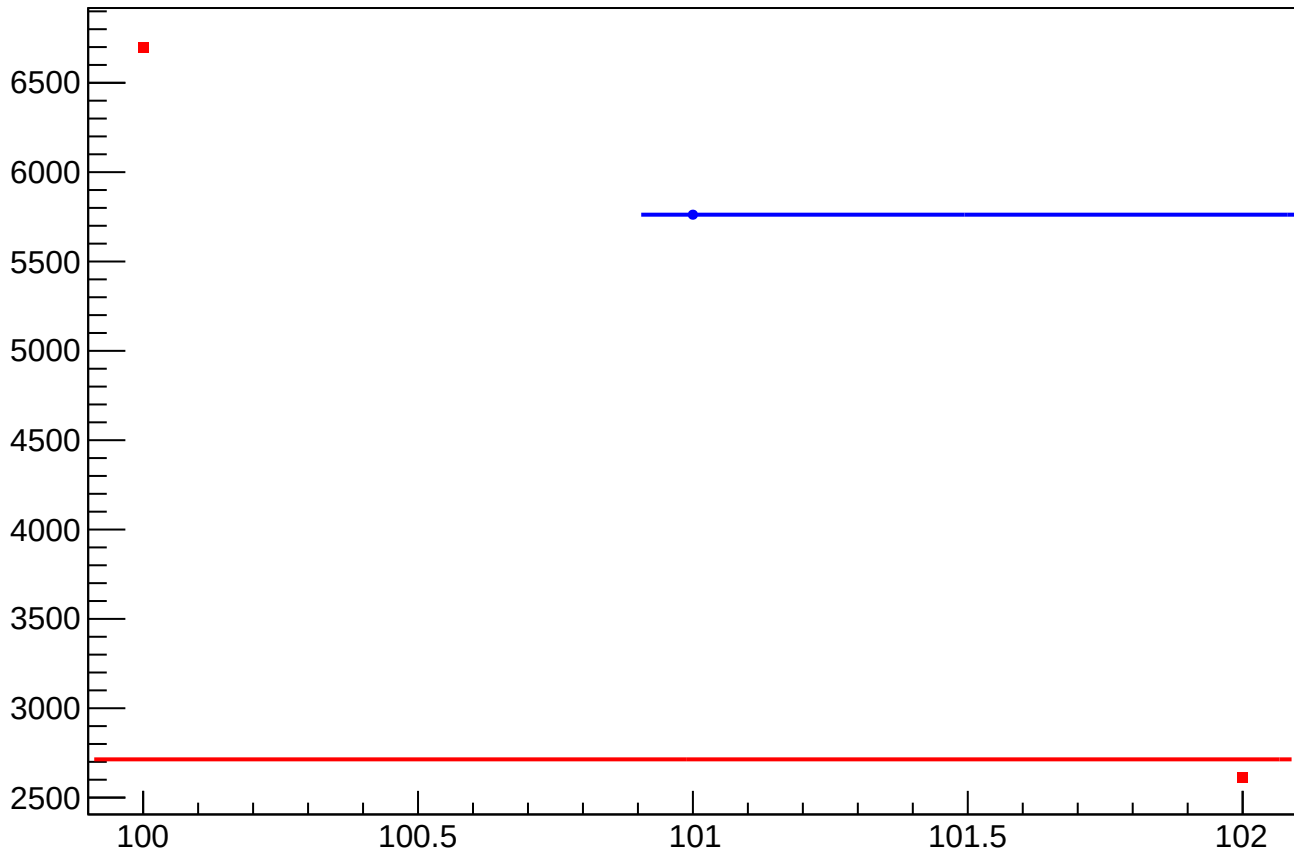
Right: 2189.729+/-3421.674 χ^2/NDF : 3.4/2

In: 10897.617+/-7118.416 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2189.729+/-3421.674 χ^2/NDF : 3.4/2

dit_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 5762.007 $\pm$ 5.033 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 2713.958 $\pm$ 2.759 χ^2/NDF : 52535.1/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

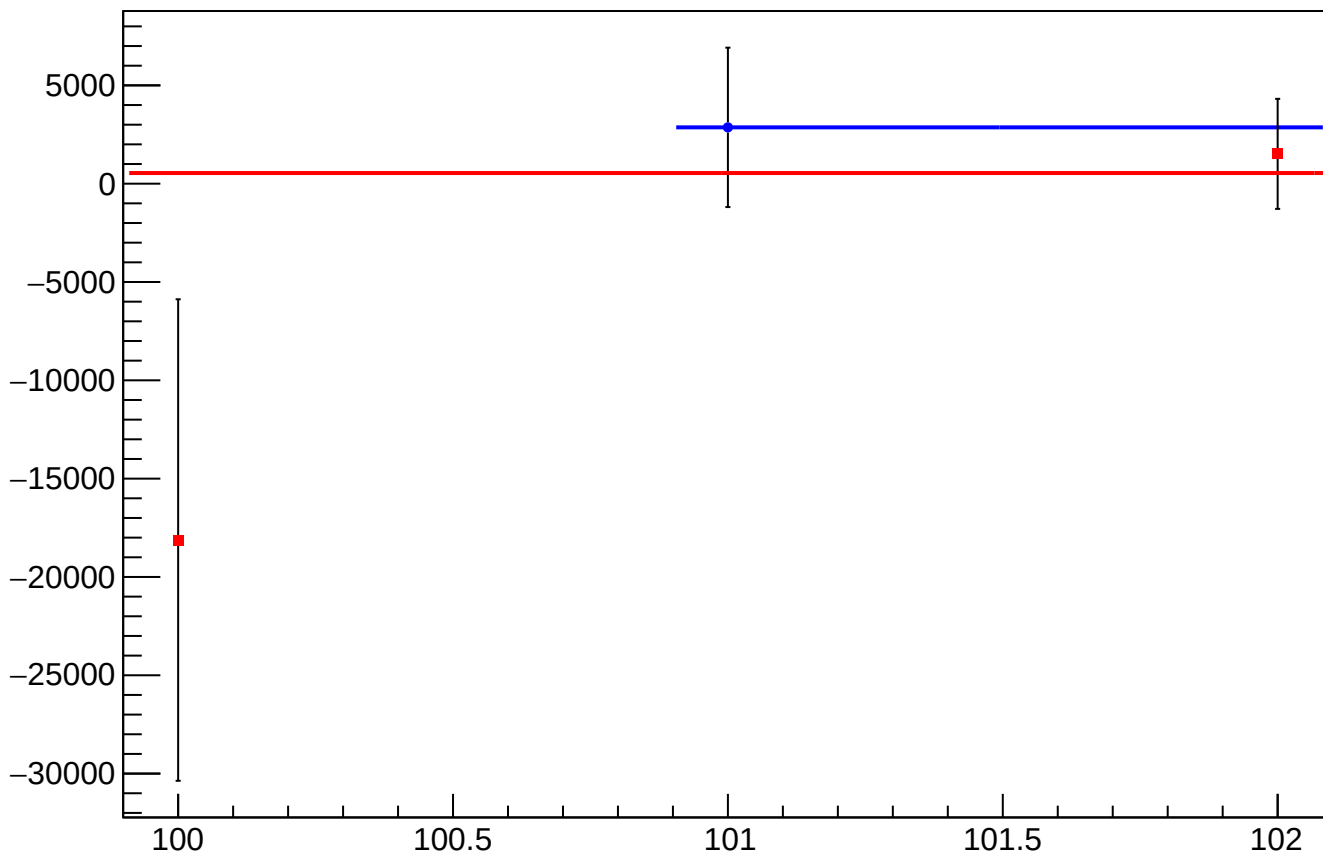
Right: 3418.121 $\pm$ 2.419 χ^2/NDF : 334517.2/2

In: 5762.007 $\pm$ 5.033 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 3418.121 $\pm$ 2.419 χ^2/NDF : 334517.2/2

asym_atr1l2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 2864.223+/-4052.752 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 541.780+/-2727.936 χ^2 /NDF: 2.4/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

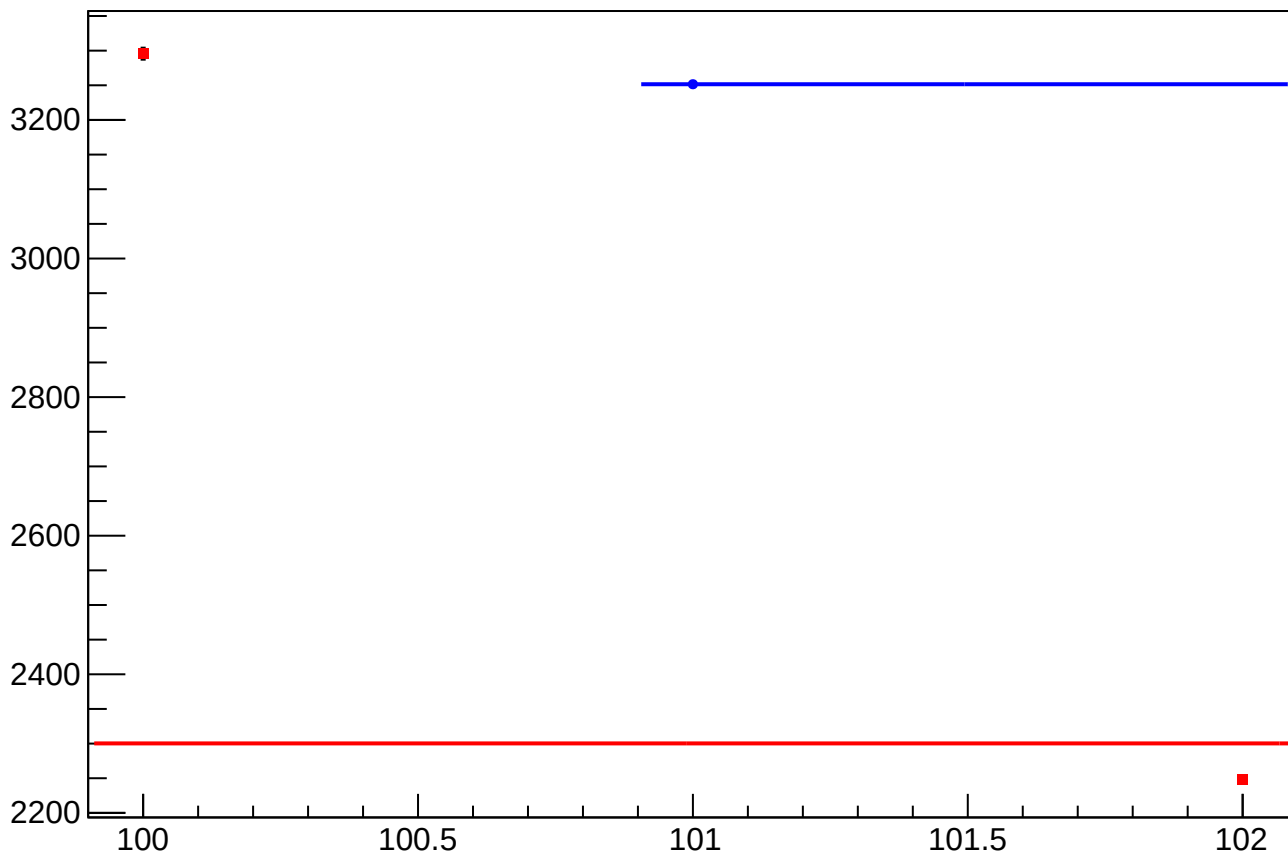
Right: 1265.925+/-2263.031 χ^2 /NDF: 2.7/2

In: 2864.223+/-4052.752 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1265.925+/-2263.031 χ^2 /NDF: 2.7/2

asym_atr1l2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3251.529 $\pm$ 2.866 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2300.263 $\pm$ 1.929 χ^2 /NDF: 13906.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

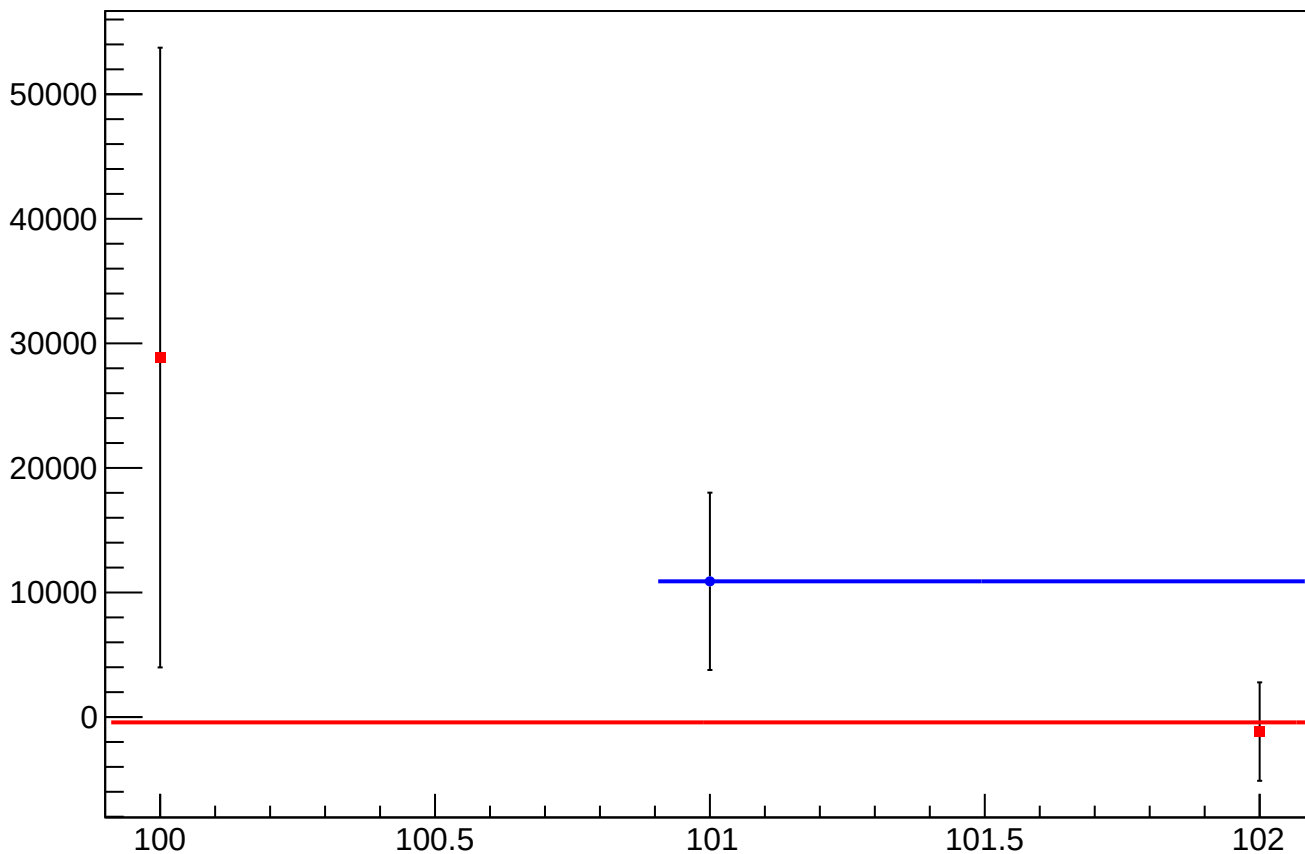
Right: 2596.871 $\pm$ 1.600 χ^2 /NDF: 89737.9/2

In: 3251.529 $\pm$ 2.866 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2596.871 $\pm$ 1.600 χ^2 /NDF: 89737.9/2

eigen_dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 10897.620+/-7118.415 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -426.825+/-3902.027 χ^2/NDF : 1.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

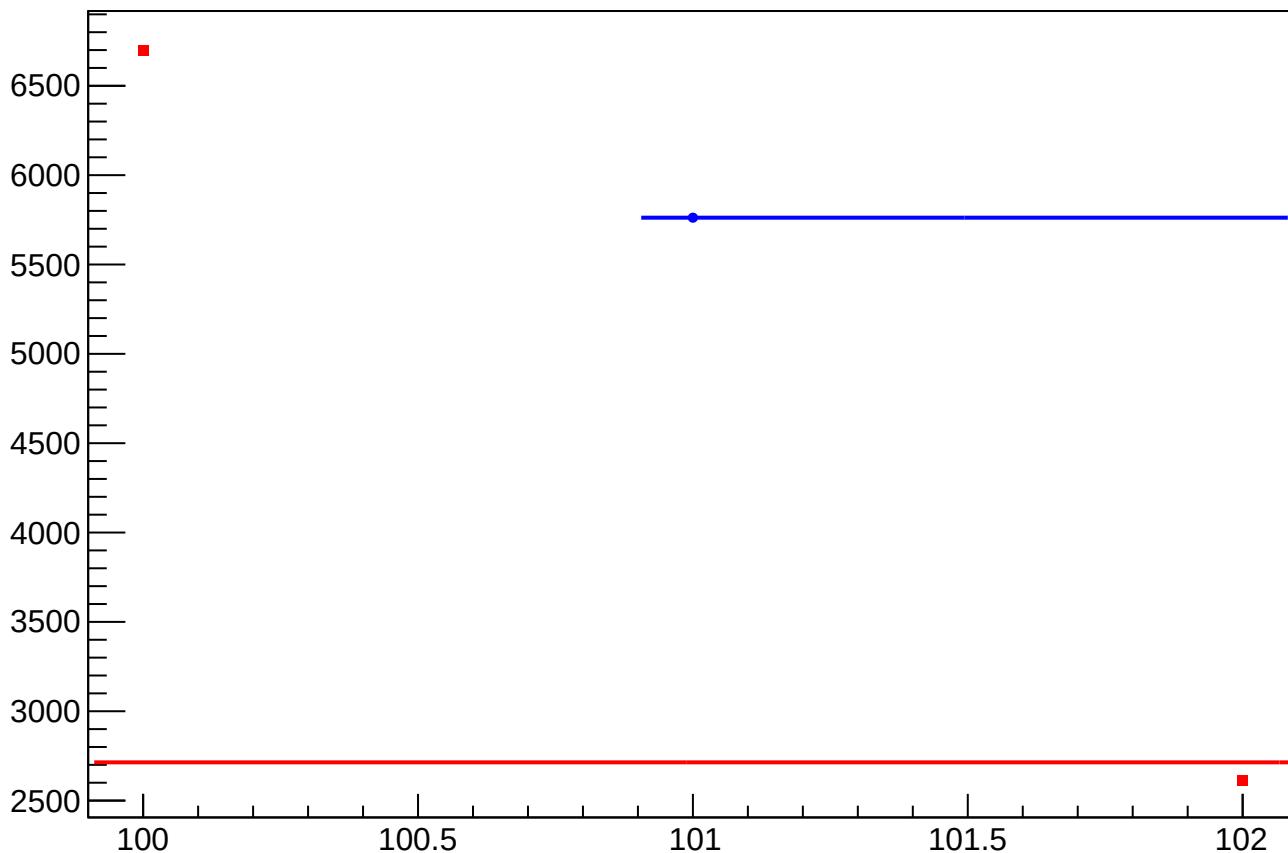
Right: 2189.715+/-3421.674 χ^2/NDF : 3.4/2

In: 10897.620+/-7118.415 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2189.715+/-3421.674 χ^2/NDF : 3.4/2

eigen_dit_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 5762.007+/-5.033 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2713.958+/-2.759 χ^2/NDF : 52535.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

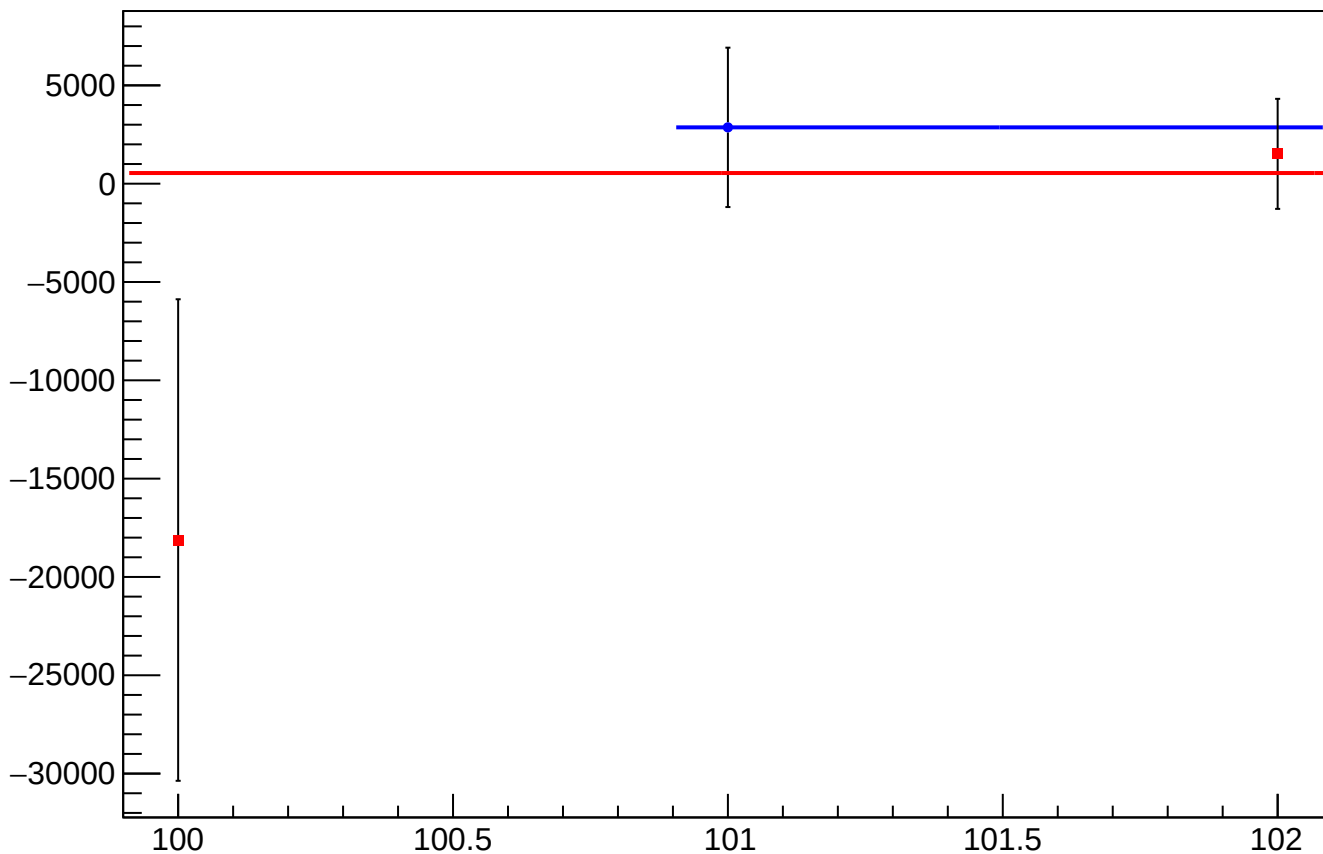
Right: 3418.121+/-2.419 χ^2/NDF : 334517.3/2

In: 5762.007+/-5.033 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3418.121+/-2.419 χ^2/NDF : 334517.3/2

asym_atr1l2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 2864.225+/-4052.746 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 541.779+/-2727.938 χ^2/NDF : 2.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

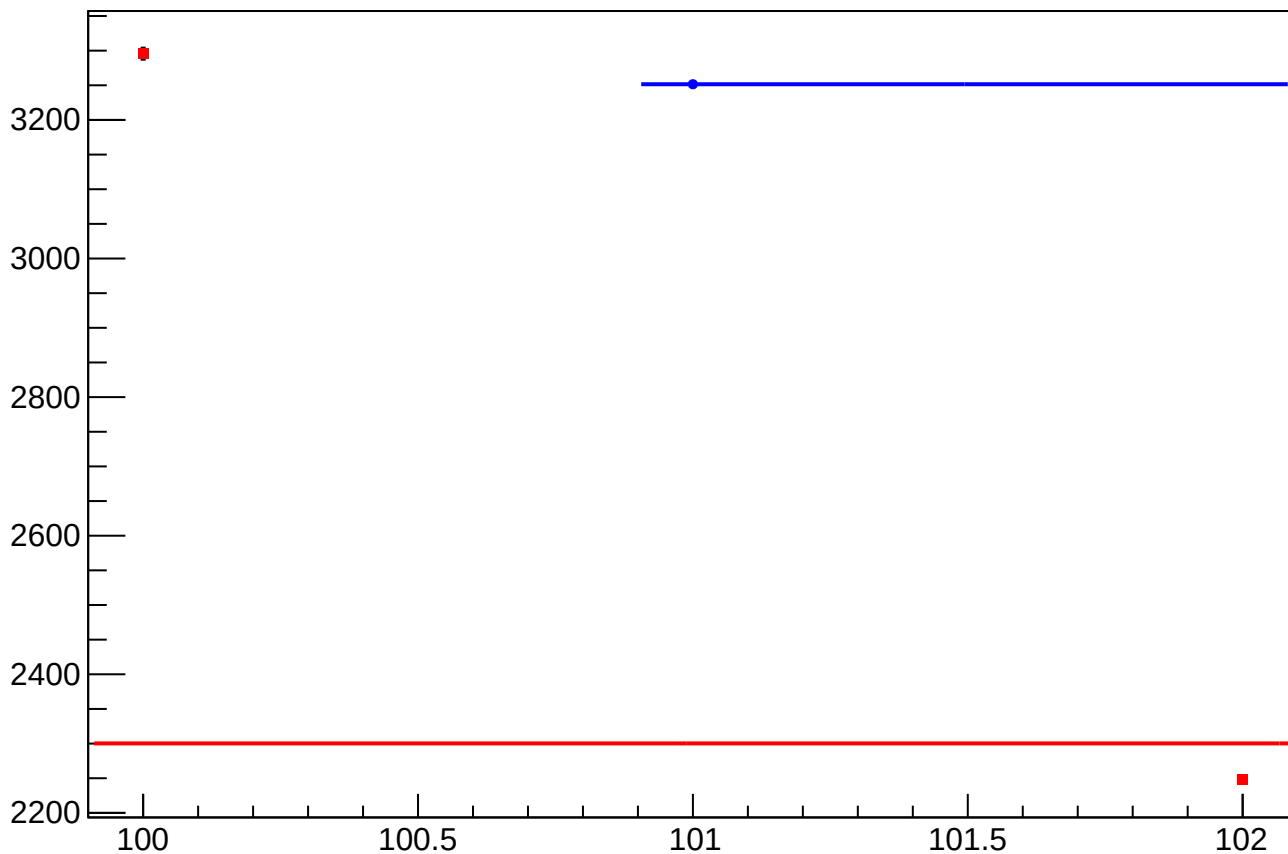
Right: 1265.928+/-2263.031 χ^2/NDF : 2.7/2

In: 2864.225+/-4052.746 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1265.928+/-2263.031 χ^2/NDF : 2.7/2

asym_atr1l2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3251.525 $\pm$ 2.866 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2300.265 $\pm$ 1.929 χ^2 /NDF: 13906.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

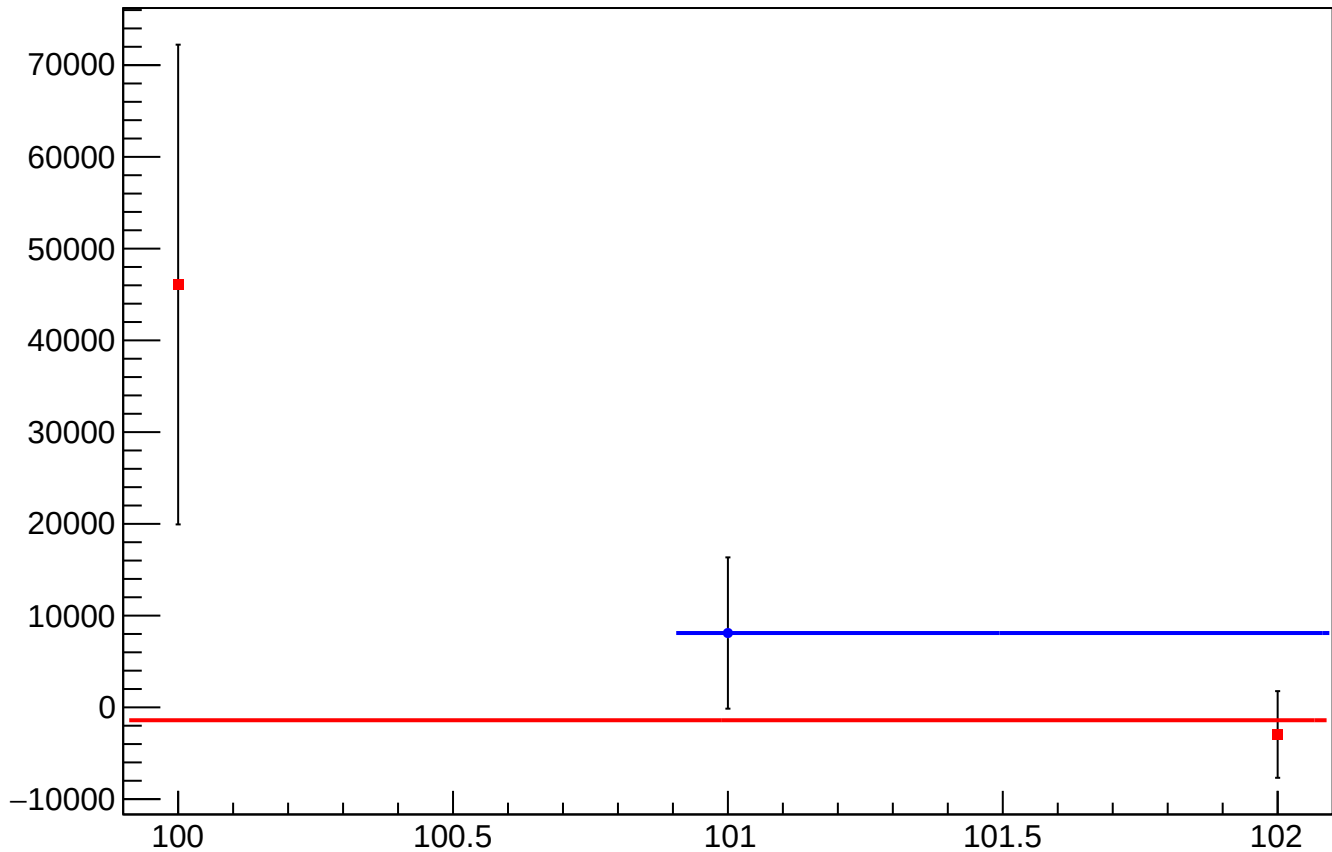
Right: 2596.872 $\pm$ 1.600 χ^2 /NDF: 89736.9/2

In: 3251.525 $\pm$ 2.866 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2596.872 $\pm$ 1.600 χ^2 /NDF: 89736.9/2

asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 8102.524+/-8245.009 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1403.888+/-4647.994 χ^2/NDF : 3.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

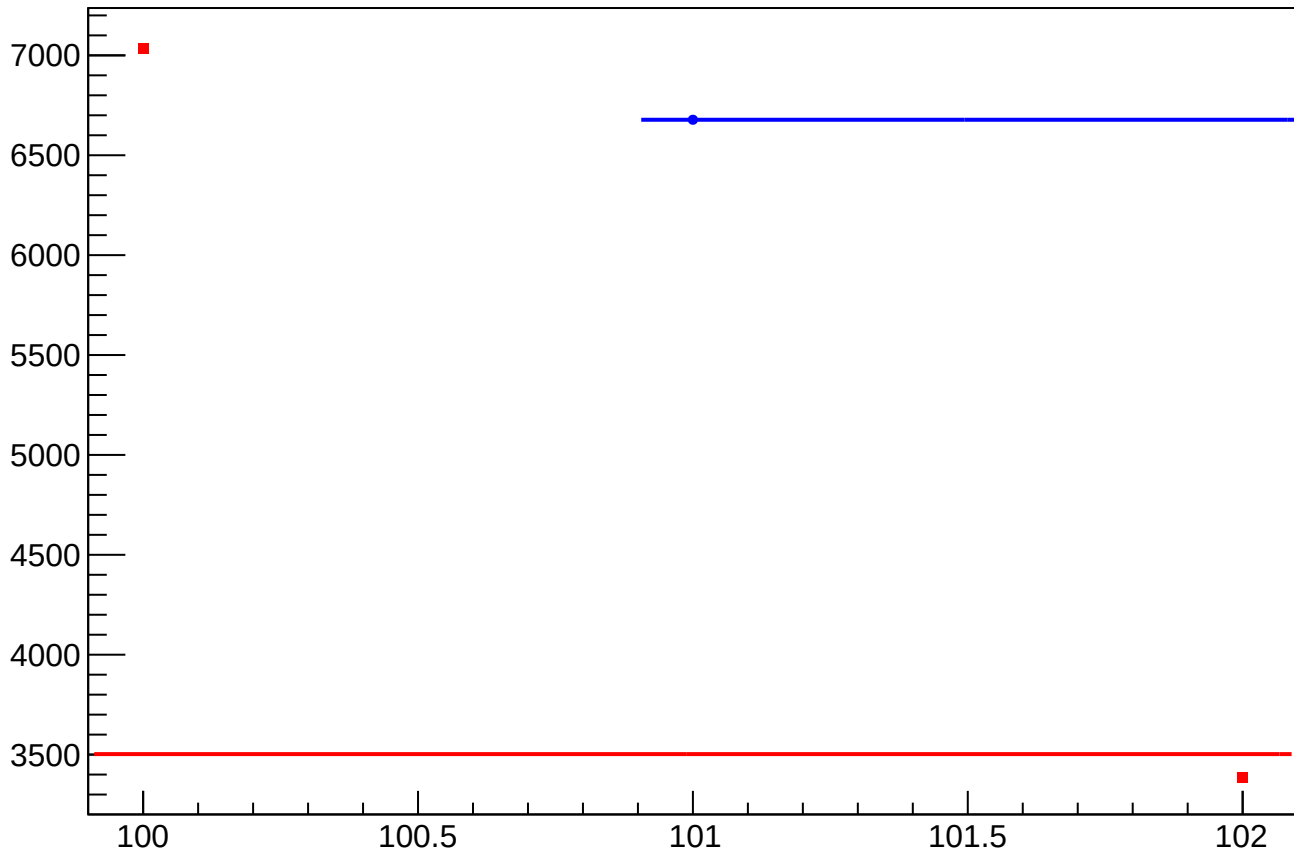
Right: 888.654+/-4048.941 χ^2/NDF : 4.4/2

In: 8102.524+/-8245.009 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 888.654+/-4048.941 χ^2/NDF : 4.4/2

asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 6677.676+/-5.830 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3502.425+/-3.286 χ^2/NDF : 37705.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

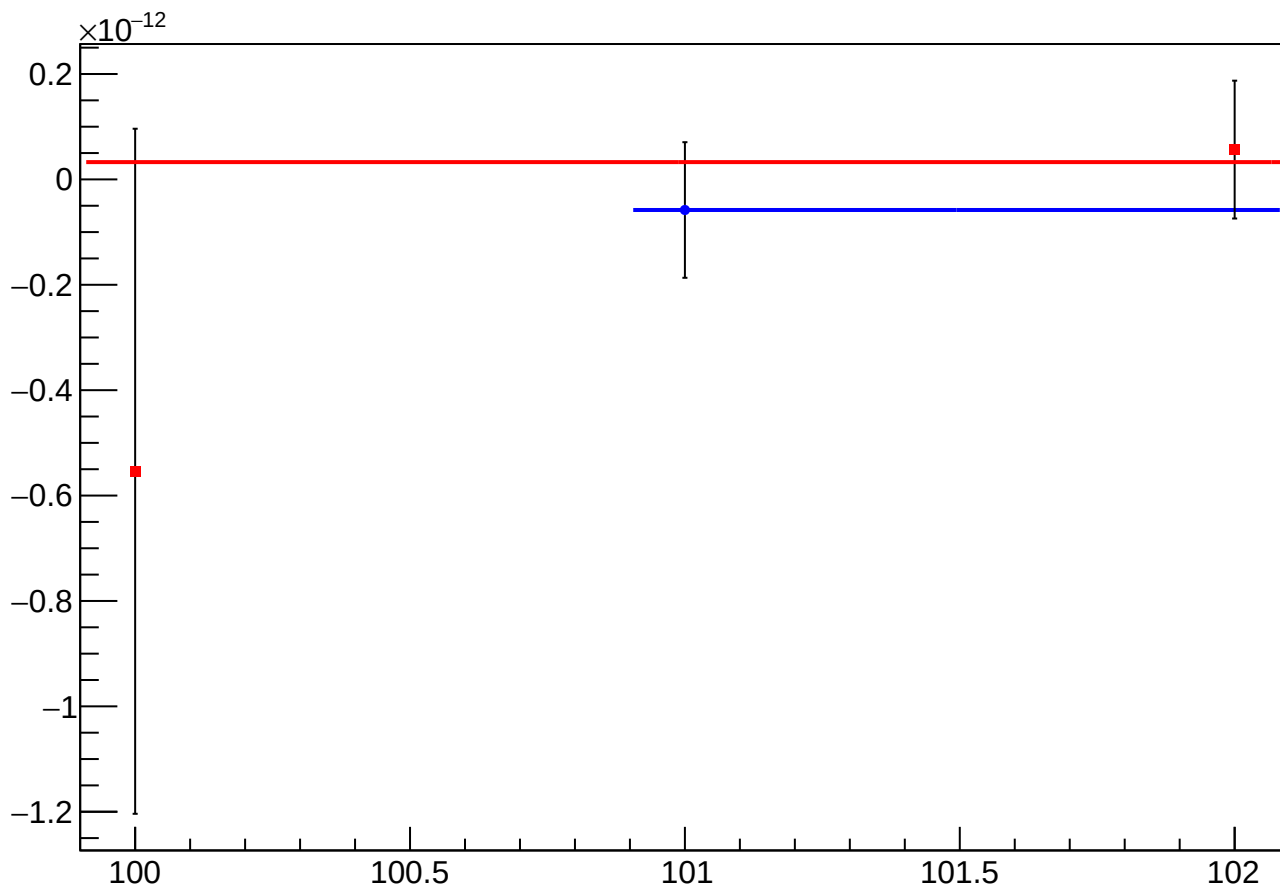
Right: 4268.013+/-2.863 χ^2/NDF : 262809.3/2

In: 6677.676+/-5.830 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4268.013+/-2.863 χ^2/NDF : 262809.3/2

asym_atr1l2_dd_reg_vs_cor_diff_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: 0.8/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

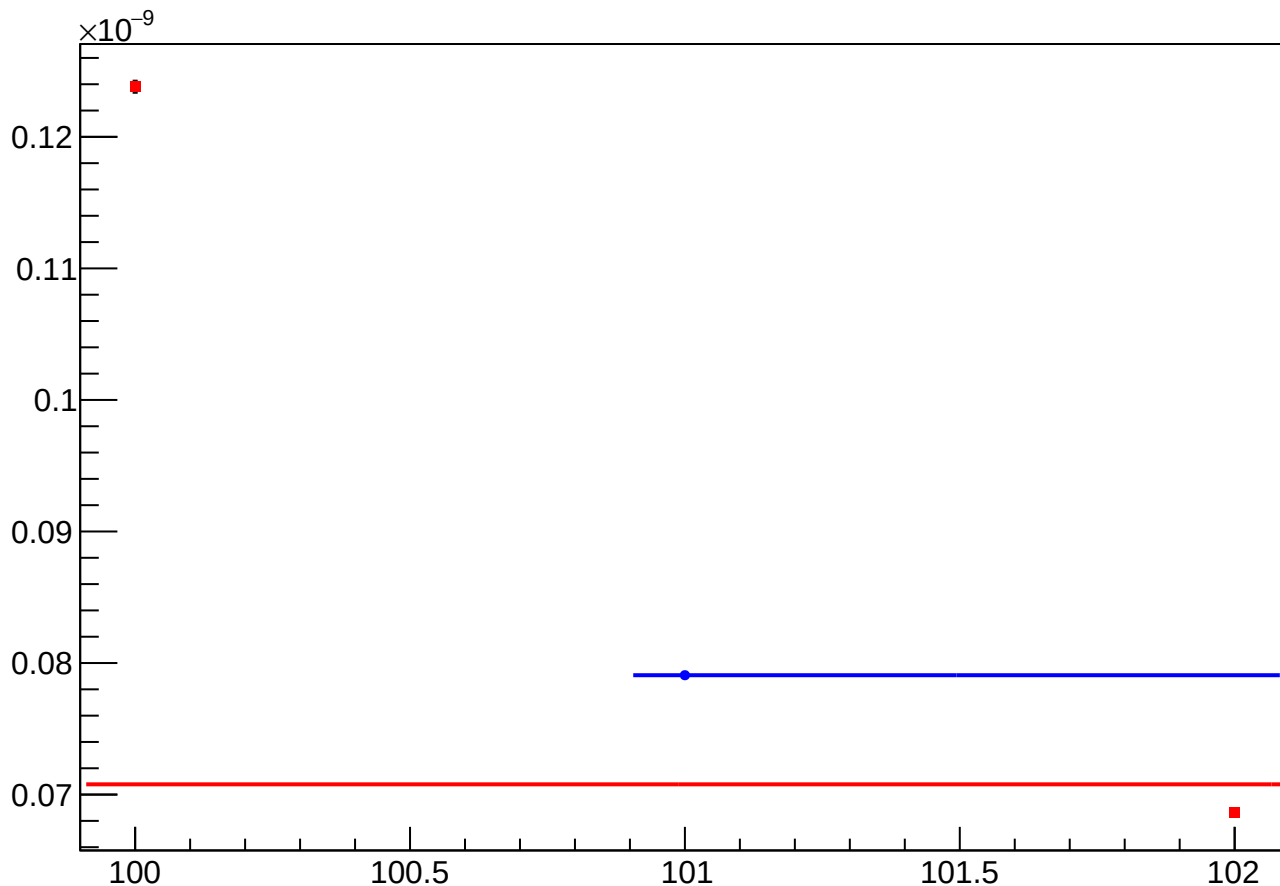
Right: -0.000+/-0.000 χ^2 /NDF: 1.1/2

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: 1.1/2

asym_atr1l2_dd_reg_vs_cor_diff_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 : 13851.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

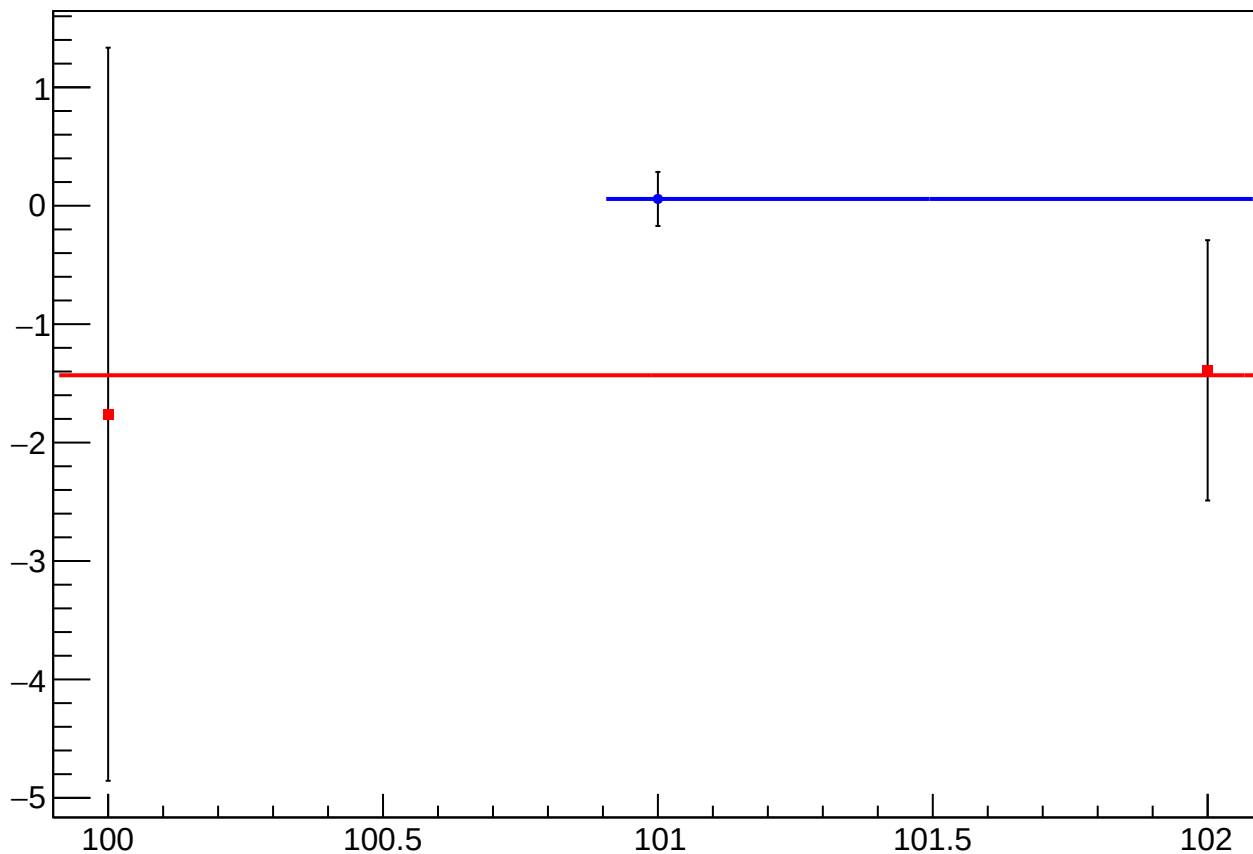
Right: 0.000+/-0.000 χ^2/NDF : 18023.5/2

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 : 18023.5/2

asym_atr1l2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.057+/-0.228 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.431+/-1.036 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

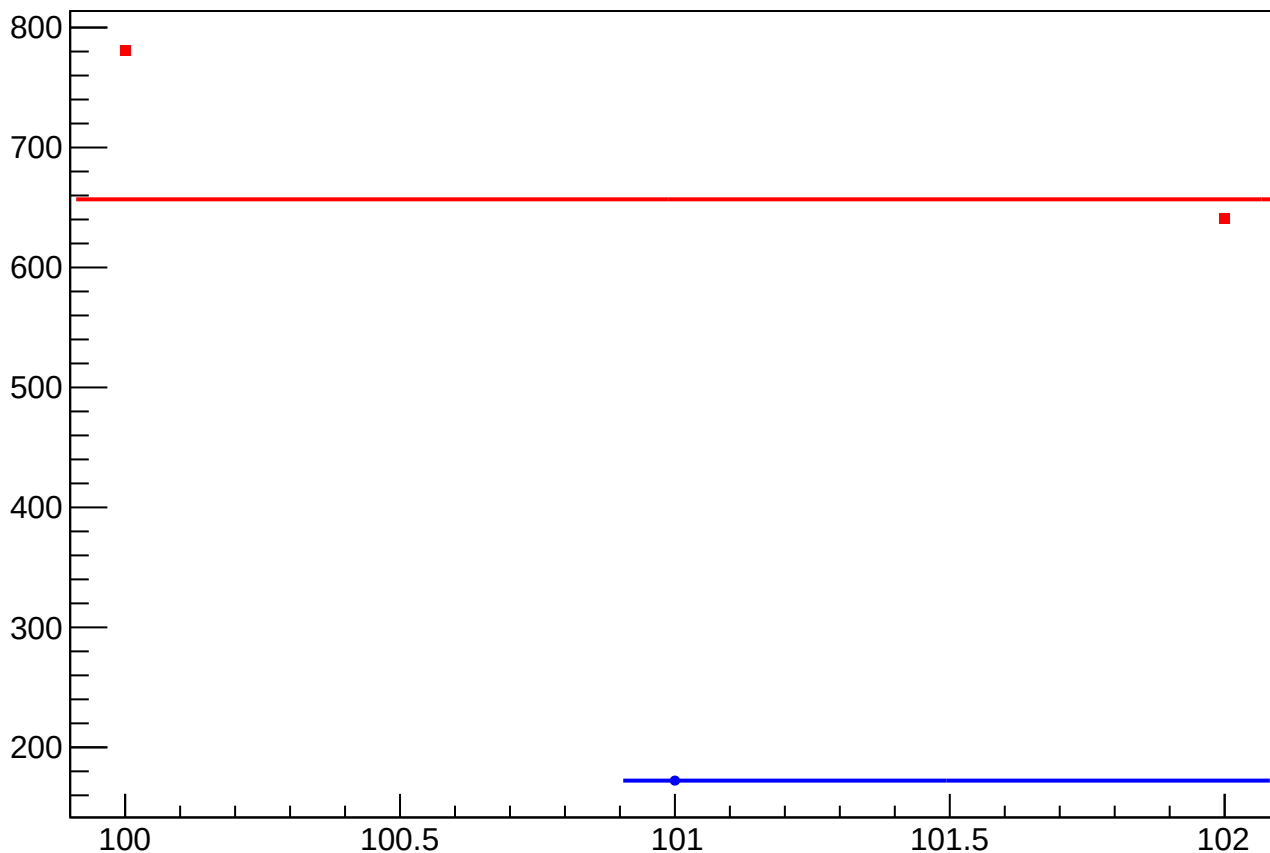
Right: -0.012+/-0.223 χ^2/NDF : 2.0/2

In: 0.057+/-0.228 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.012+/-0.223 χ^2/NDF : 2.0/2

asym_atr1l2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 172.271+/-0.161 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 656.815+/-0.732 χ^2/NDF : 3627.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

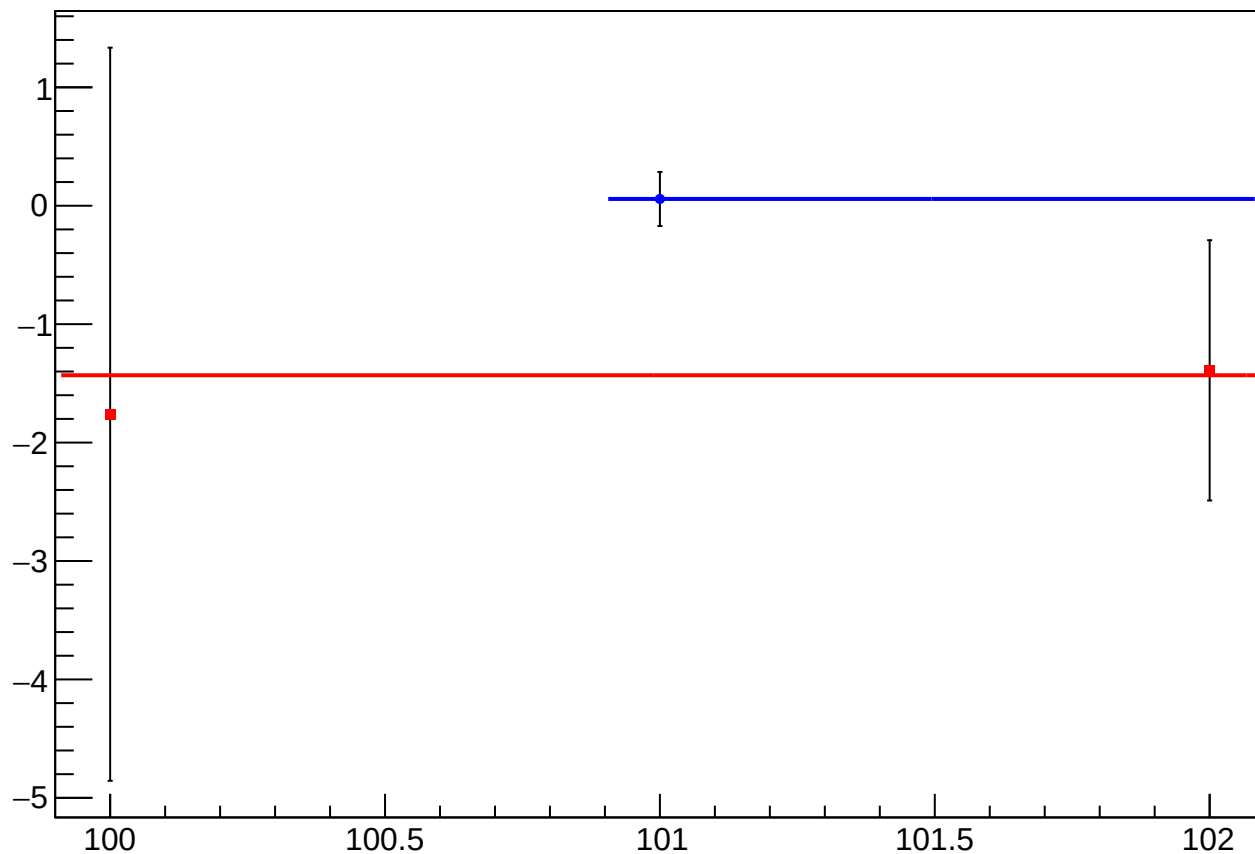
Right: 194.712+/-0.158 χ^2/NDF : 421121.9/2

In: 172.271+/-0.161 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 194.712+/-0.158 χ^2/NDF : 421121.9/2

asym_atr1l2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.057+/-0.228 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.431+/-1.036 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

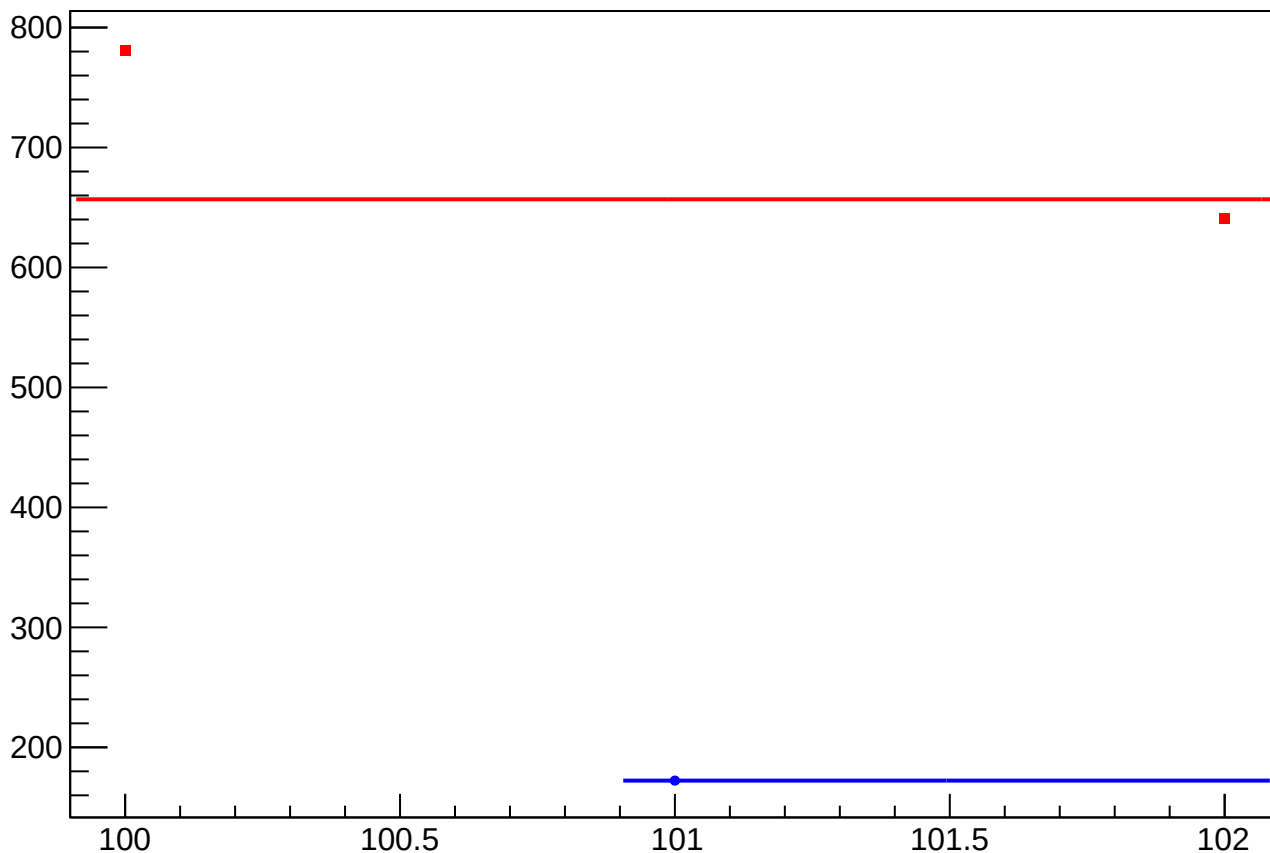
Right: -0.012+/-0.223 χ^2/NDF : 2.0/2

In: 0.057+/-0.228 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.012+/-0.223 χ^2/NDF : 2.0/2

asym_atr1l2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 172.271+/-0.161 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 656.815+/-0.732 χ^2/NDF : 3627.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

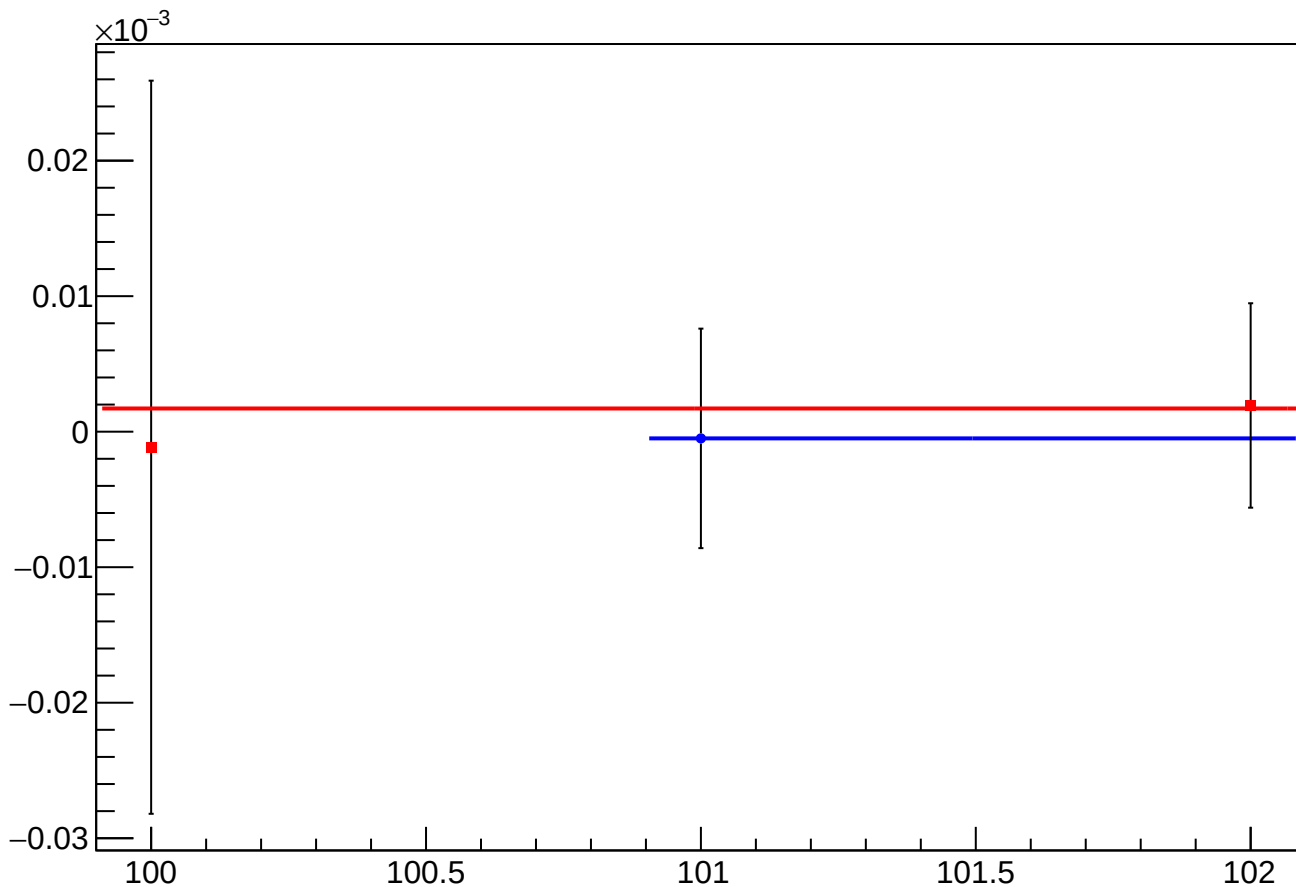
Right: 194.712+/-0.158 χ^2/NDF : 421121.9/2

In: 172.271+/-0.161 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 194.712+/-0.158 χ^2/NDF : 421121.9/2

asym_atr1l2_dd_eigen_dit_vs_dit_diff_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 : 0.0/1

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

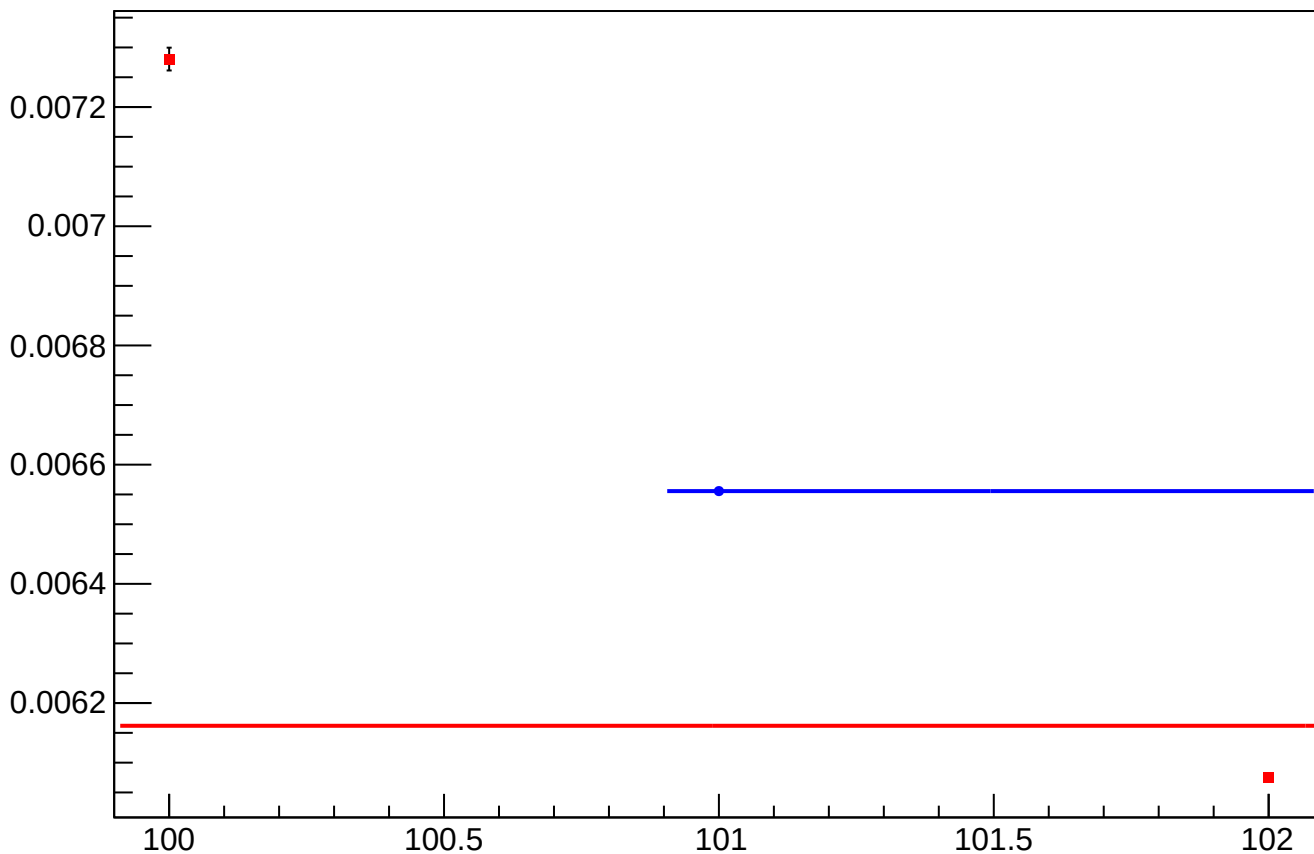
Right: 0.000 ± 0.000 χ^2/NDF : 0.1/2

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 : 0.1/2

asym_atr1l2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 3686.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

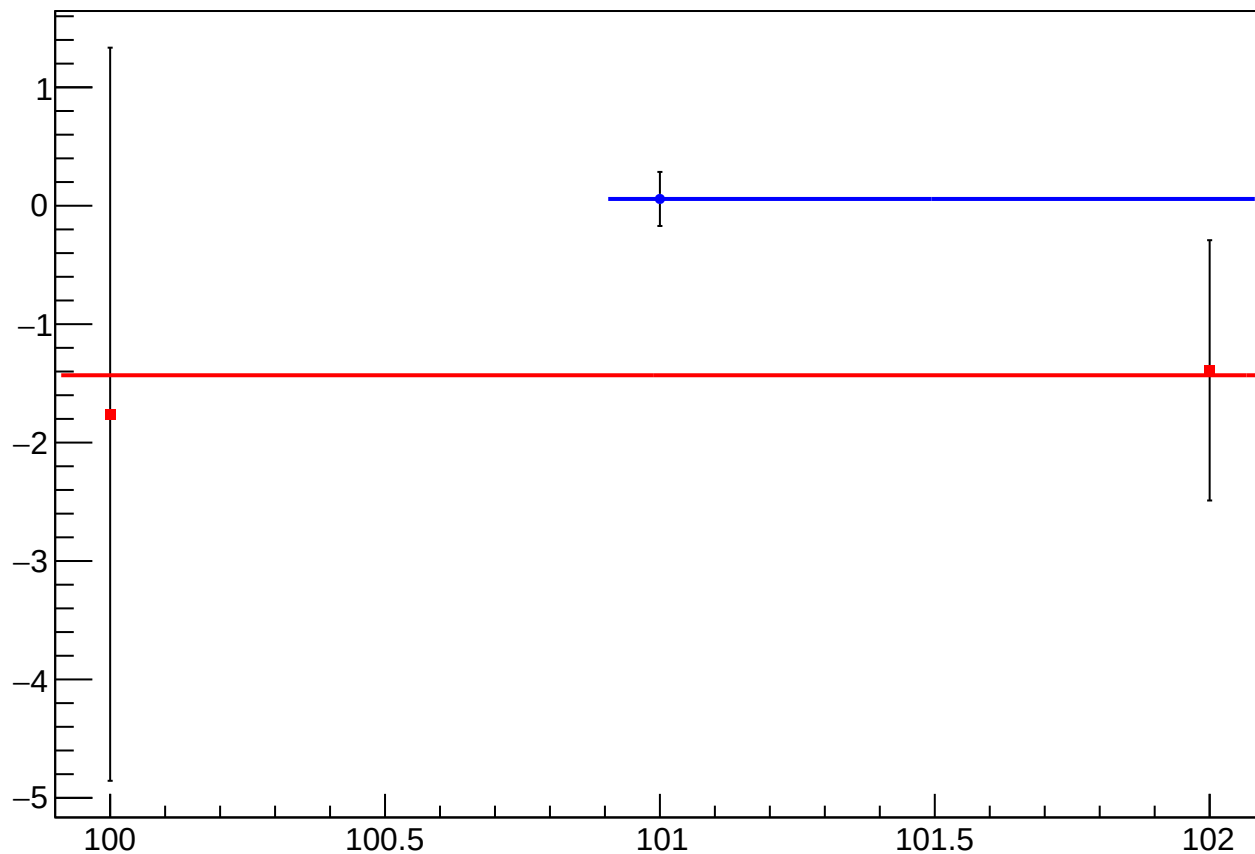
Right: 0.006+/-0.000 χ^2/NDF : 6306.1/2

In: 0.007+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 6306.1/2

asym_atr1l2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.057+/-0.228 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.431+/-1.036 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

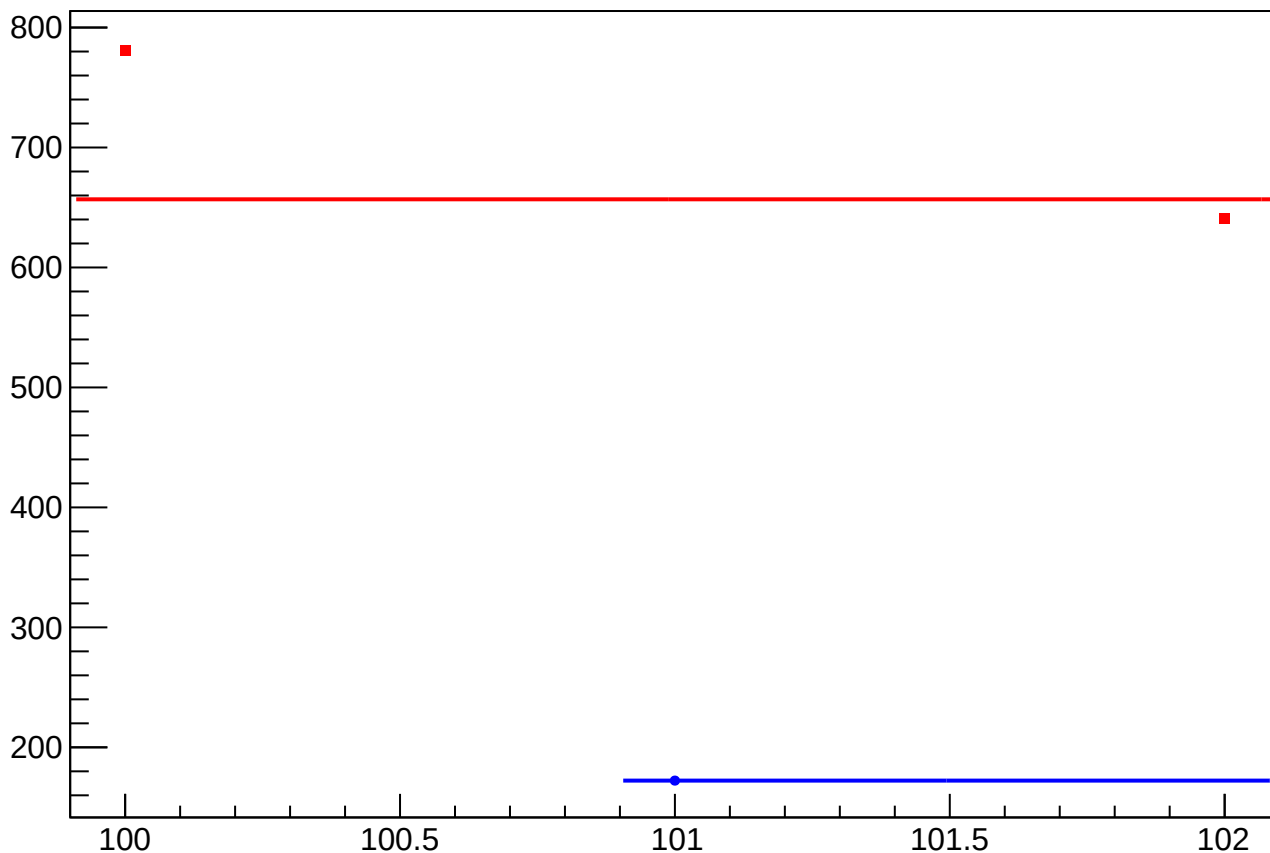
Right: -0.012+/-0.223 χ^2/NDF : 2.0/2

In: 0.057+/-0.228 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.012+/-0.223 χ^2/NDF : 2.0/2

asym_atr1l2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 172.267 $\pm$ 0.161 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 656.813 $\pm$ 0.732 χ^2 /NDF: 3627.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

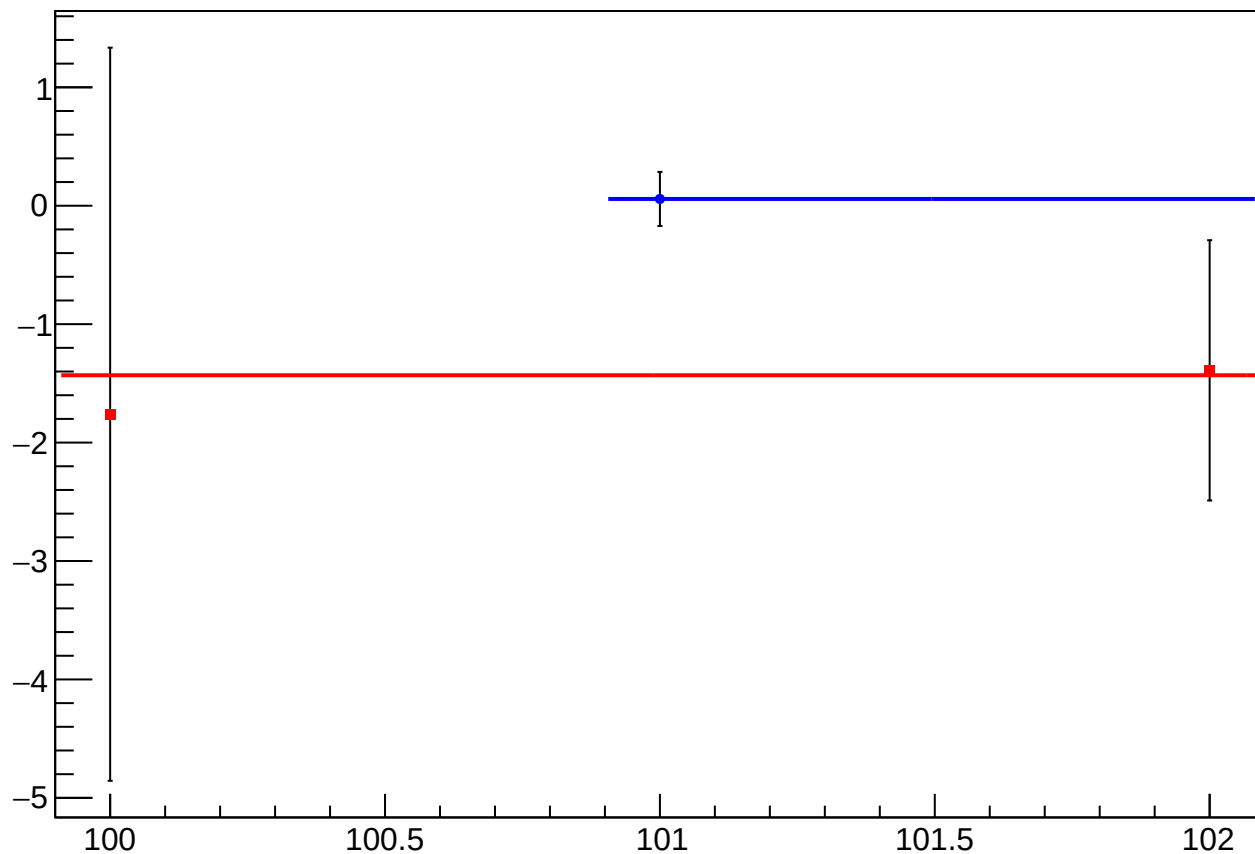
Right: 194.707 $\pm$ 0.158 χ^2 /NDF: 421127.9/2

In: 172.267 $\pm$ 0.161 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 194.707 $\pm$ 0.158 χ^2 /NDF: 421127.9/2

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.057 $\pm$ 0.228 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -1.431 $\pm$ 1.036 χ^2/NDF : 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

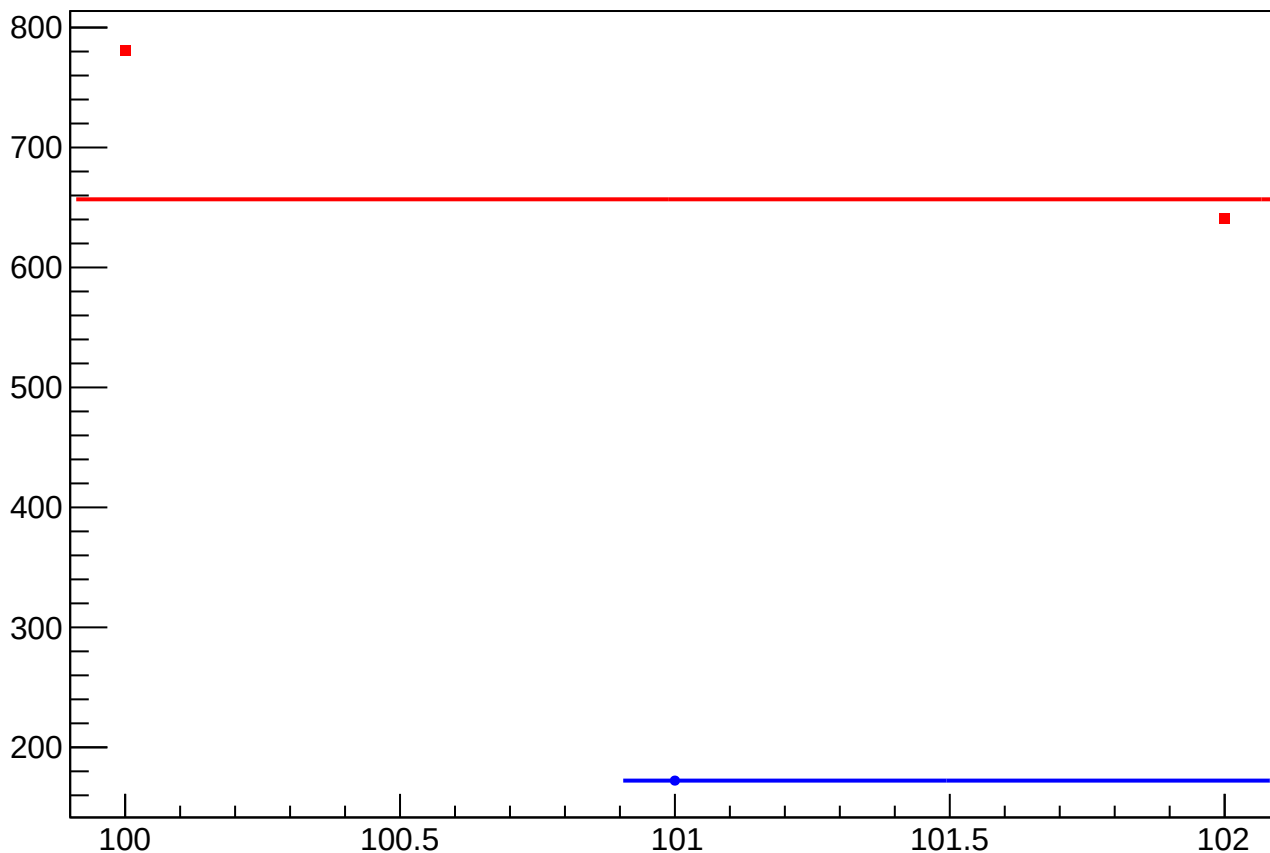
Right: -0.012 $\pm$ 0.223 χ^2/NDF : 2.0/2

In: 0.057 $\pm$ 0.228 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.012 $\pm$ 0.223 χ^2/NDF : 2.0/2

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 172.267 $\pm$ 0.161 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 656.813 $\pm$ 0.732 χ^2 /NDF: 3627.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

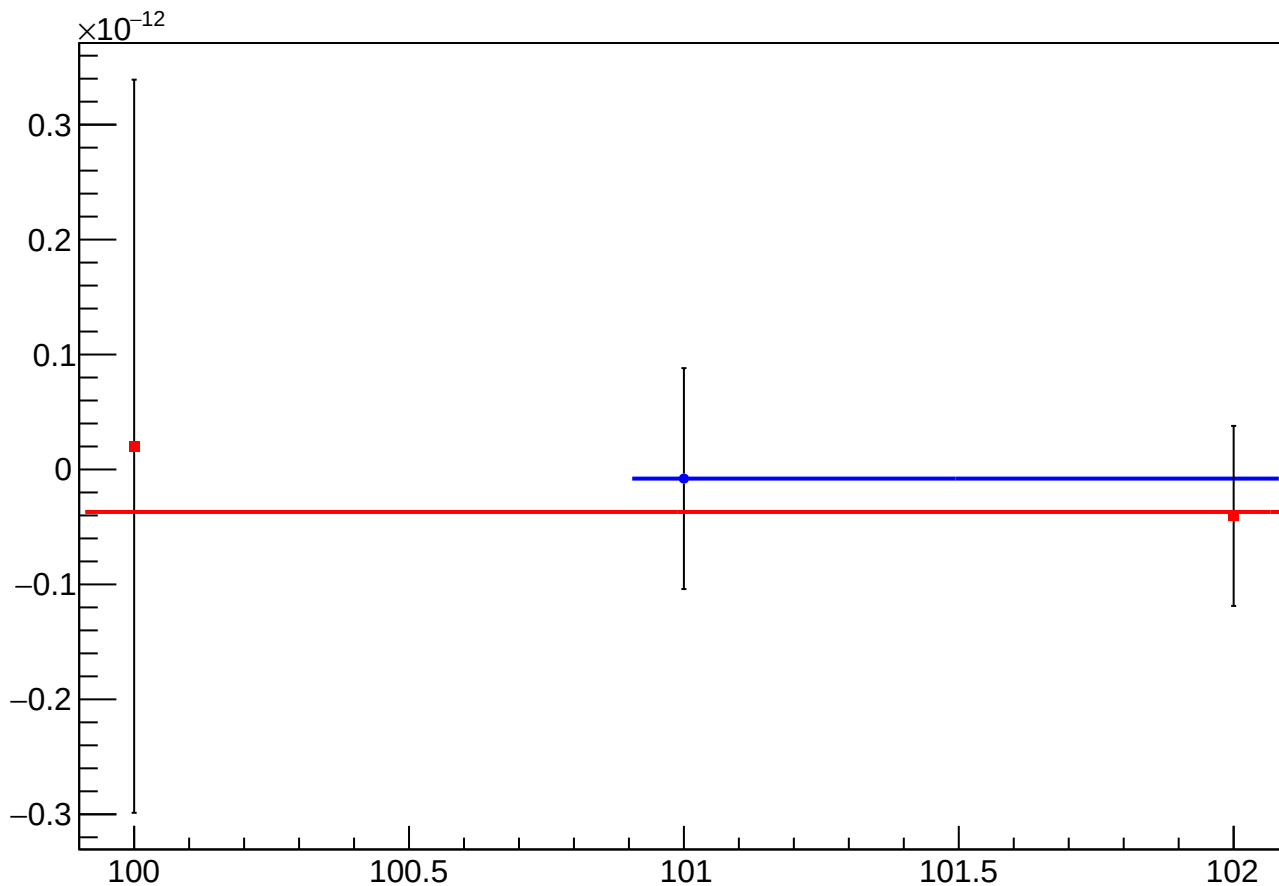
Right: 194.707 $\pm$ 0.158 χ^2 /NDF: 421127.9/2

In: 172.267 $\pm$ 0.161 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 194.707 $\pm$ 0.158 χ^2 /NDF: 421127.9/2

asym_atr1l2_dd_eigen_cor_vs_cor_diff_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 : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

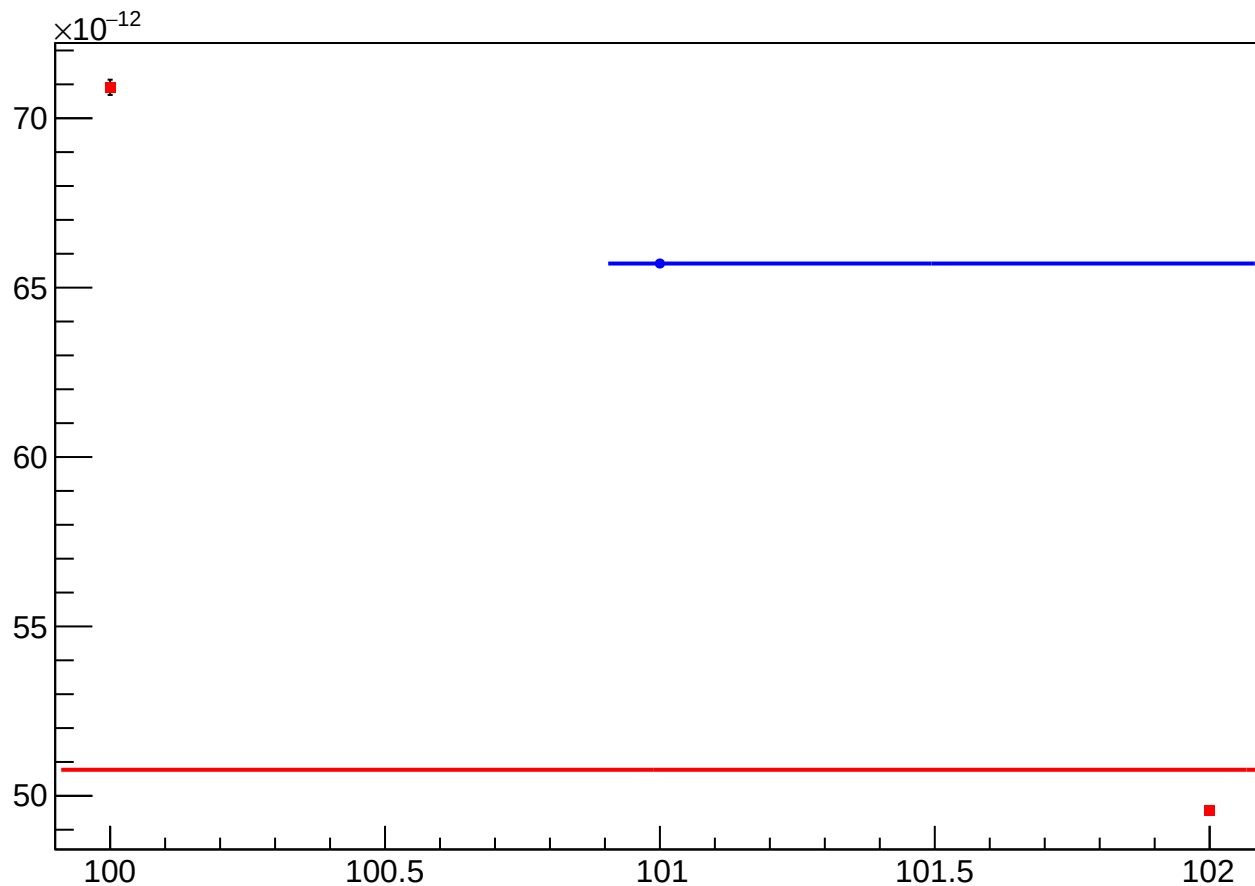
Right: -0.000+/-0.000 χ^2/NDF : 0.1/2

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 : 0.1/2

asym_atr1l2_dd_eigen_cor_vs_cor_diff_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 : 8460.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

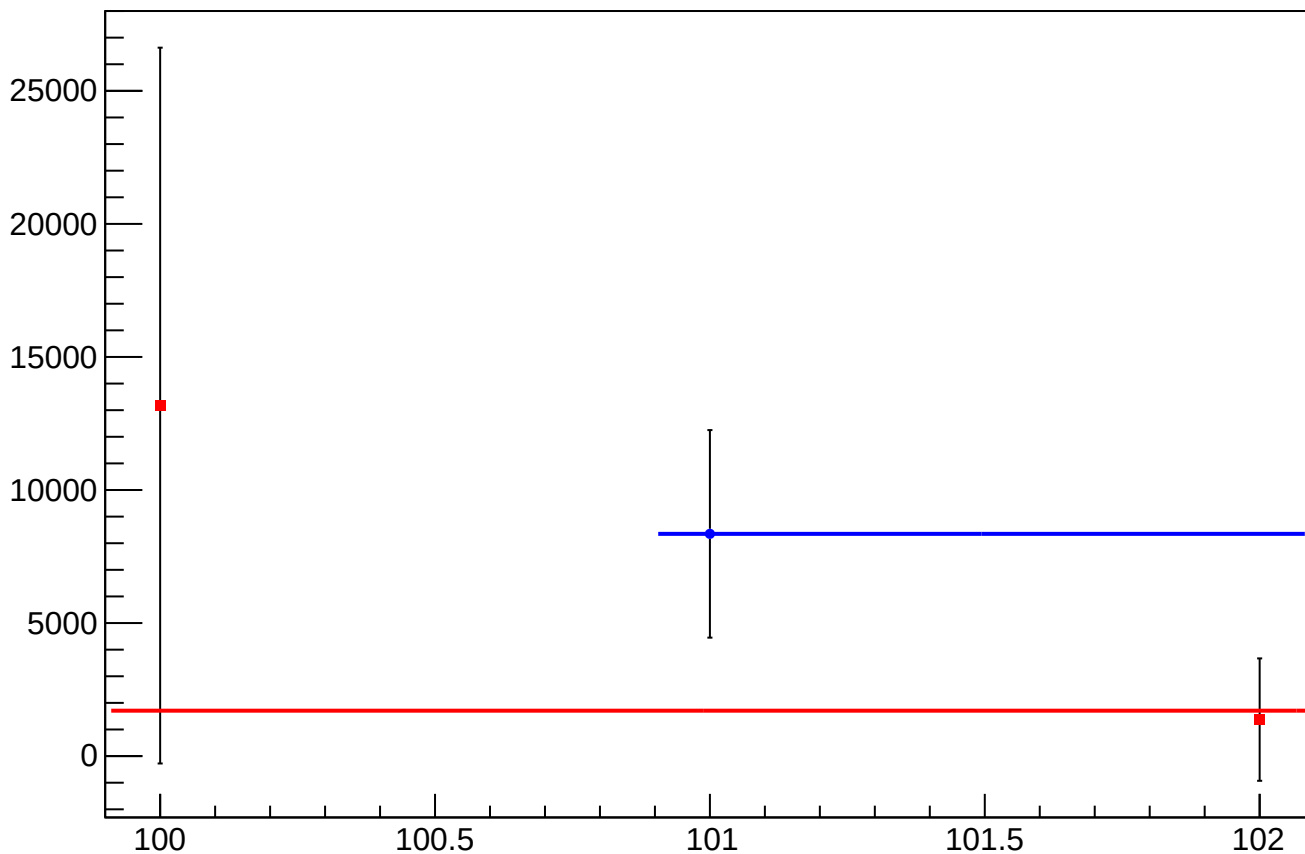
Right: 0.000+/-0.000 χ^2/NDF : 38190.3/2

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 : 38190.3/2

reg_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: 8351.777+/-3900.093 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1706.973+/-2267.047 χ^2/NDF : 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

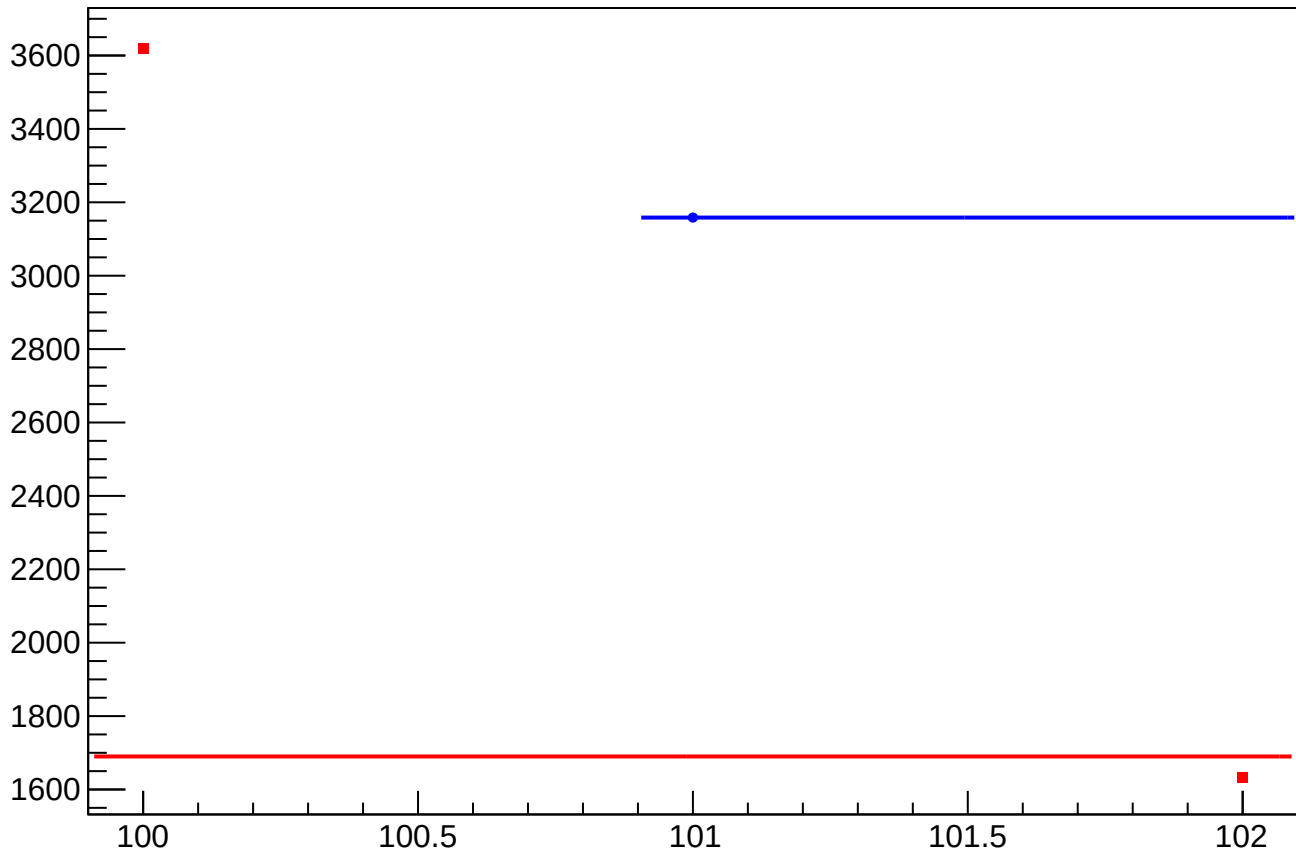
Right: 3385.135+/-1959.976 χ^2/NDF : 2.9/2

In: 8351.777+/-3900.093 χ^2/NDF :0.0/0

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3385.135+/-1959.976 χ^2/NDF : 2.9/2

reg_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3158.404 $\pm$ 2.758 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1689.932 $\pm$ 1.603 χ^2 /NDF: 42387.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

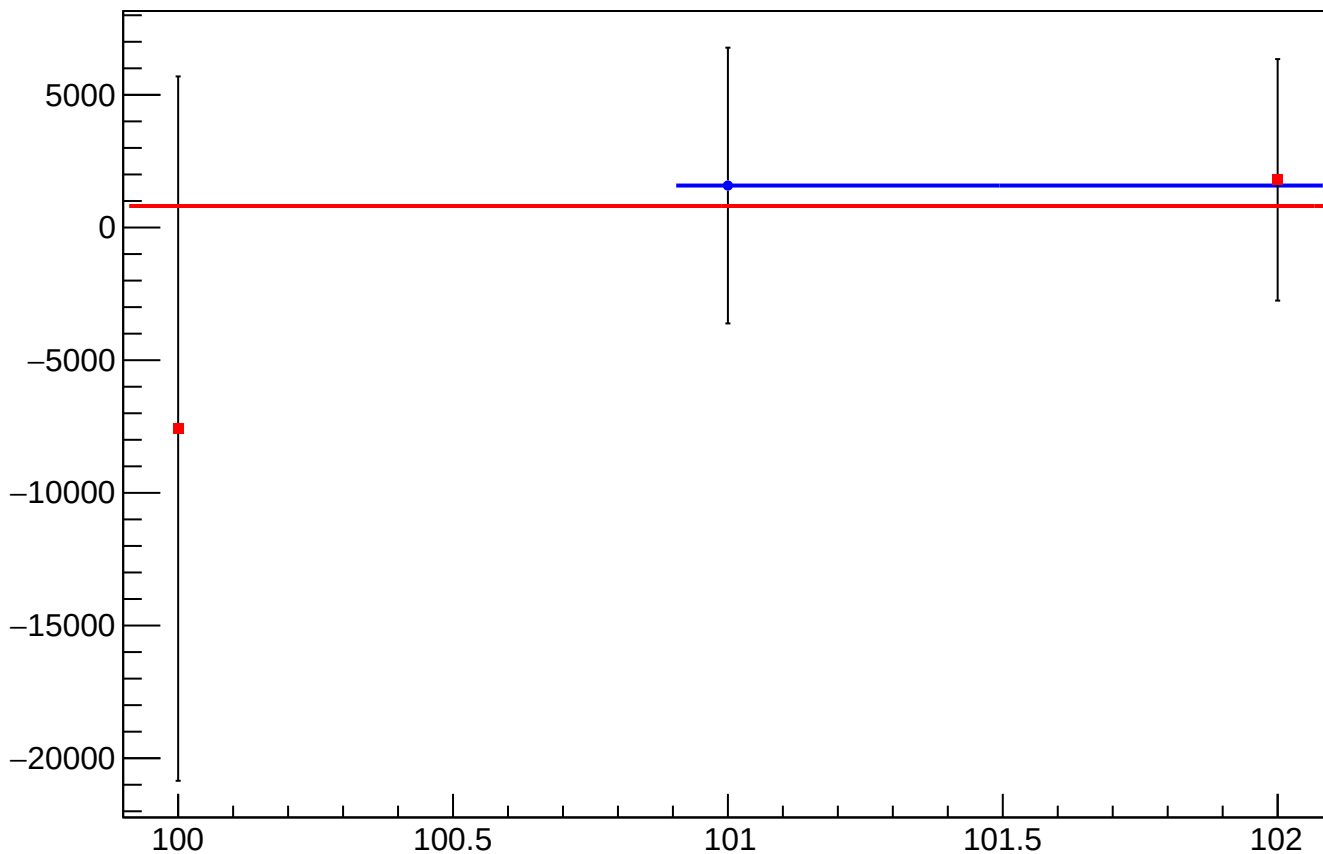
Right: 2060.791 $\pm$ 1.386 χ^2 /NDF: 254318.4/2

In: 3158.404 $\pm$ 2.758 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2060.791 $\pm$ 1.386 χ^2 /NDF: 254318.4/2

asym_atl_dd_atr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 1582.202+/-5196.012 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 810.960+/-4304.380 χ^2/NDF : 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

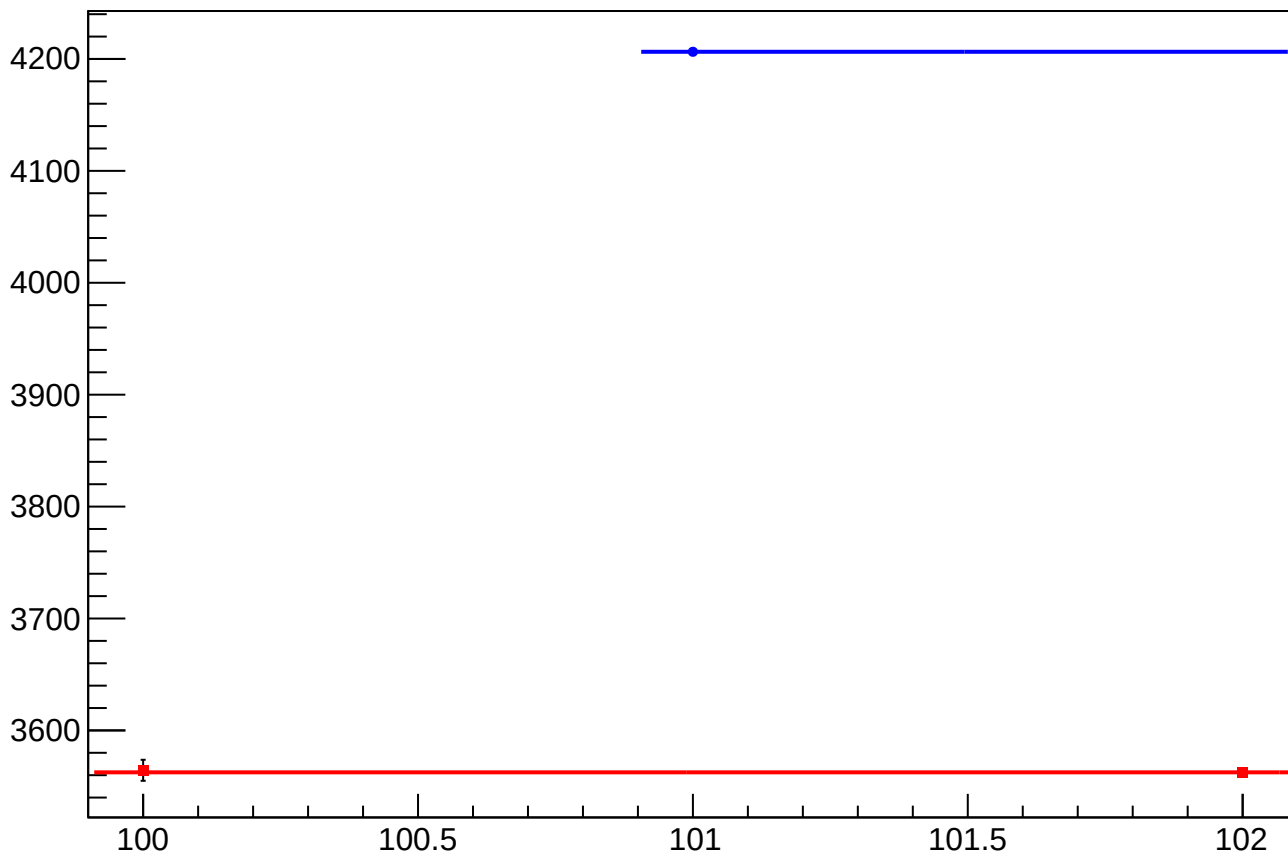
Right: 1124.830+/-3314.744 χ^2/NDF : 0.5/2

In: 1582.202+/-5196.012 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1124.830+/-3314.744 χ^2/NDF : 0.5/2

asym_atl_dd_atr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 4206.409+/-3.674 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3562.542+/-3.044 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

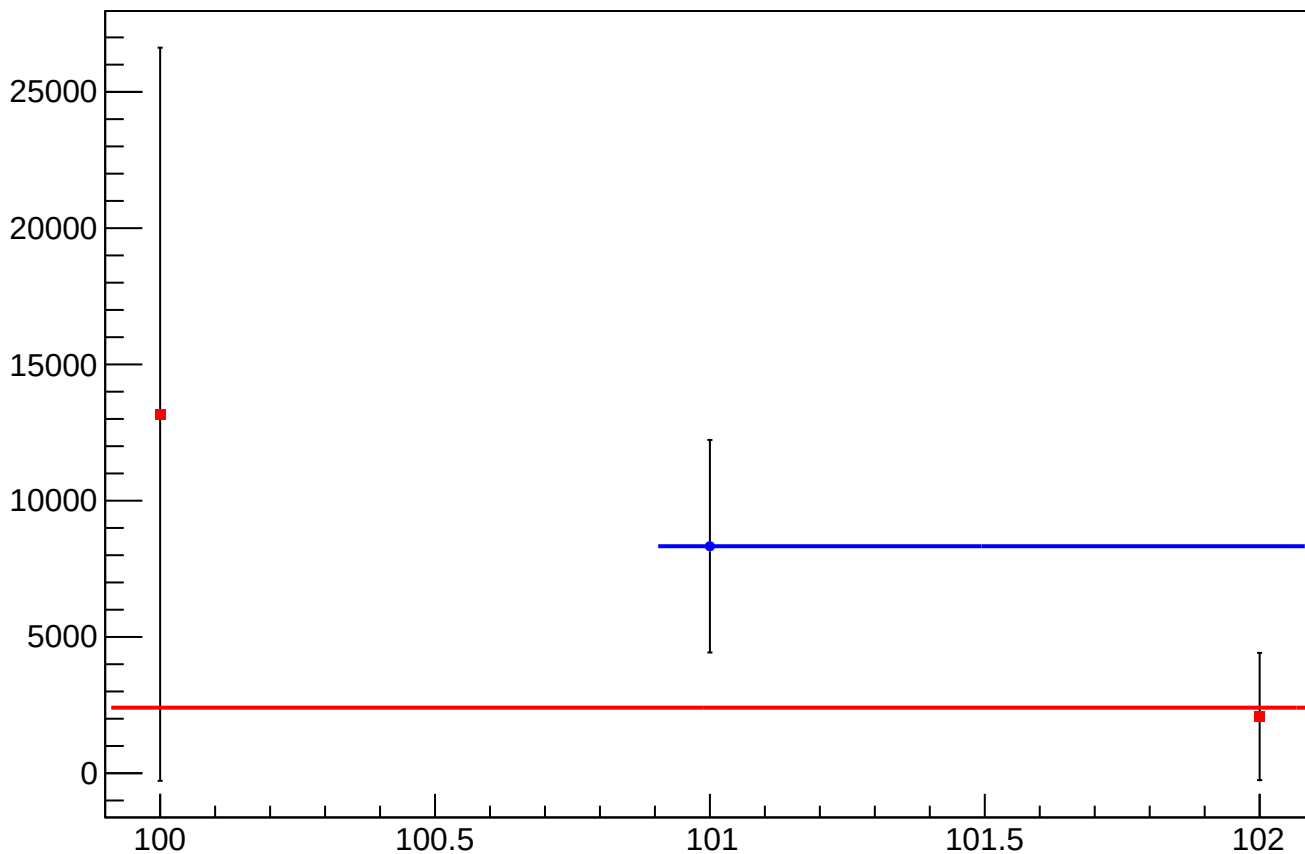
Right: 3824.575+/-2.344 χ^2/NDF : 18212.1/2

In: 4206.409+/-3.674 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3824.575+/-2.344 χ^2/NDF : 18212.1/2

cor_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: 8329.753+/-3900.112 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2406.013+/-2300.230 χ^2/NDF : 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

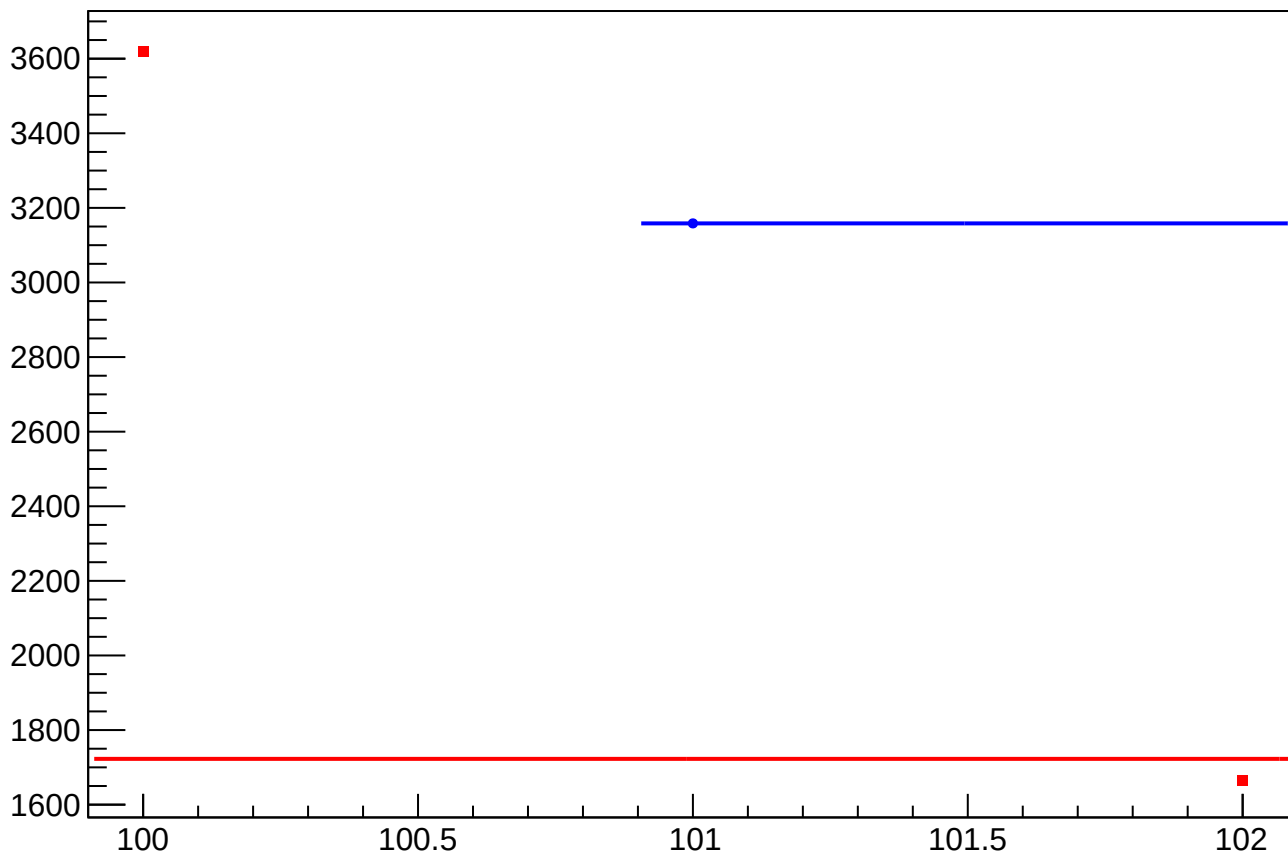
Right: 3934.788+/-1981.303 χ^2/NDF : 2.4/2

In: 8329.753+/-3900.112 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3934.788+/-1981.303 χ^2/NDF : 2.4/2

cor_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3158.415 $\pm$ 2.758 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1722.775 $\pm$ 1.626 χ^2 /NDF: 40992.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

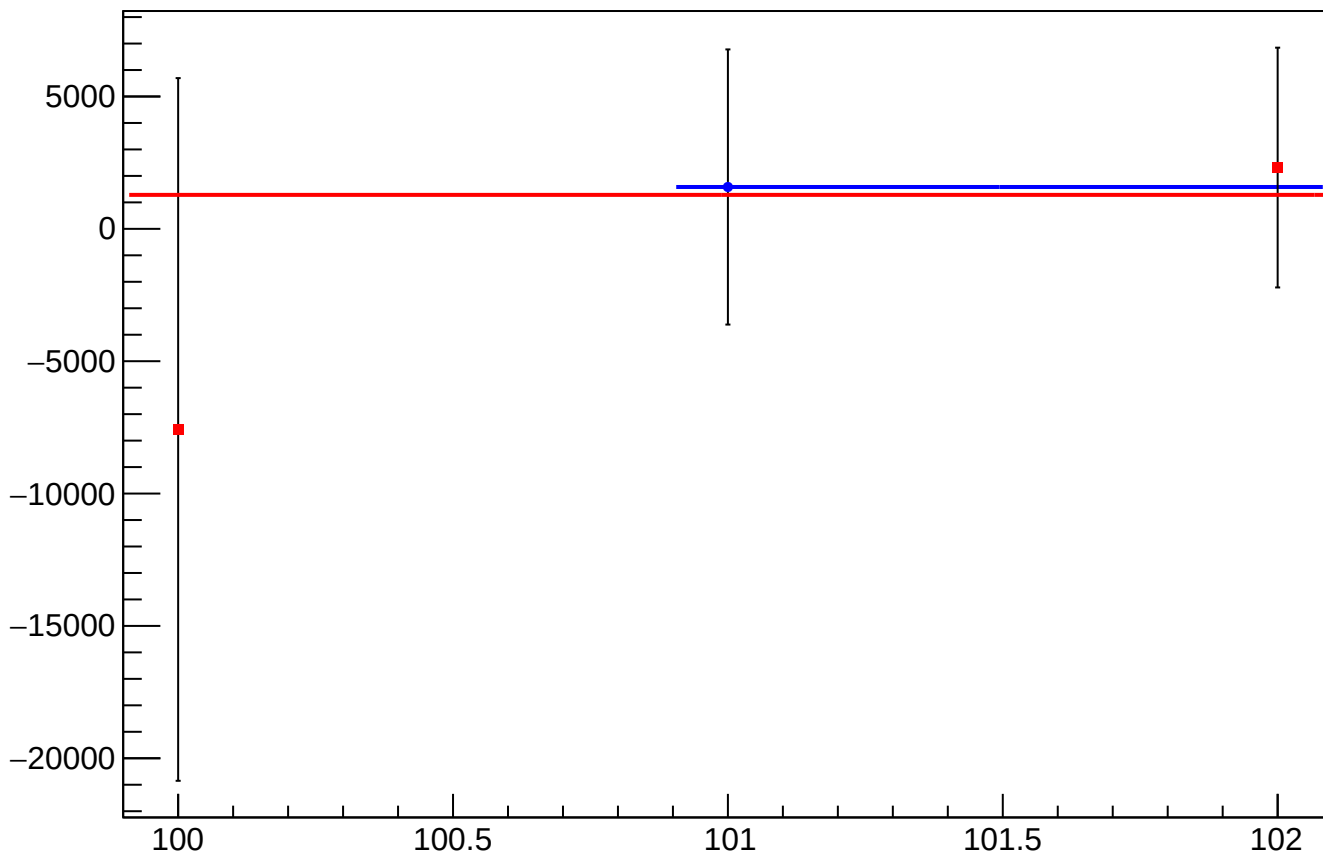
Right: 2093.272 $\pm$ 1.401 χ^2 /NDF: 242054.2/2

In: 3158.415 $\pm$ 2.758 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2093.272 $\pm$ 1.401 χ^2 /NDF: 242054.2/2

asym_atl_dd_atr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 1581.331+/-5197.313 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1283.392+/-4286.501 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

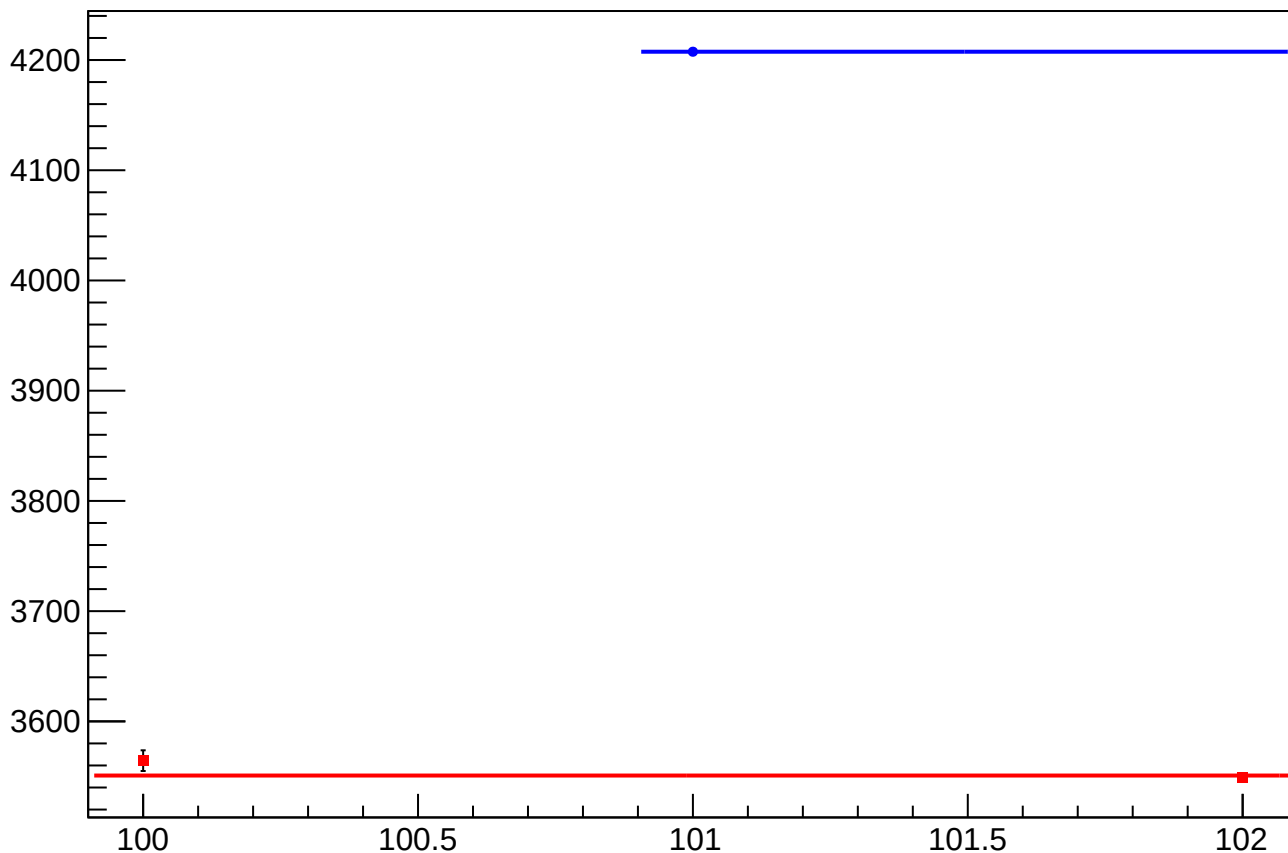
Right: 1404.009+/-3306.893 χ^2/NDF : 0.5/2

In: 1581.331+/-5197.313 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1404.009+/-3306.893 χ^2/NDF : 0.5/2

asym_atl_dd_atr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 4207.526 $\pm$ 3.675 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3550.867 $\pm$ 3.031 χ^2 /NDF: 2.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

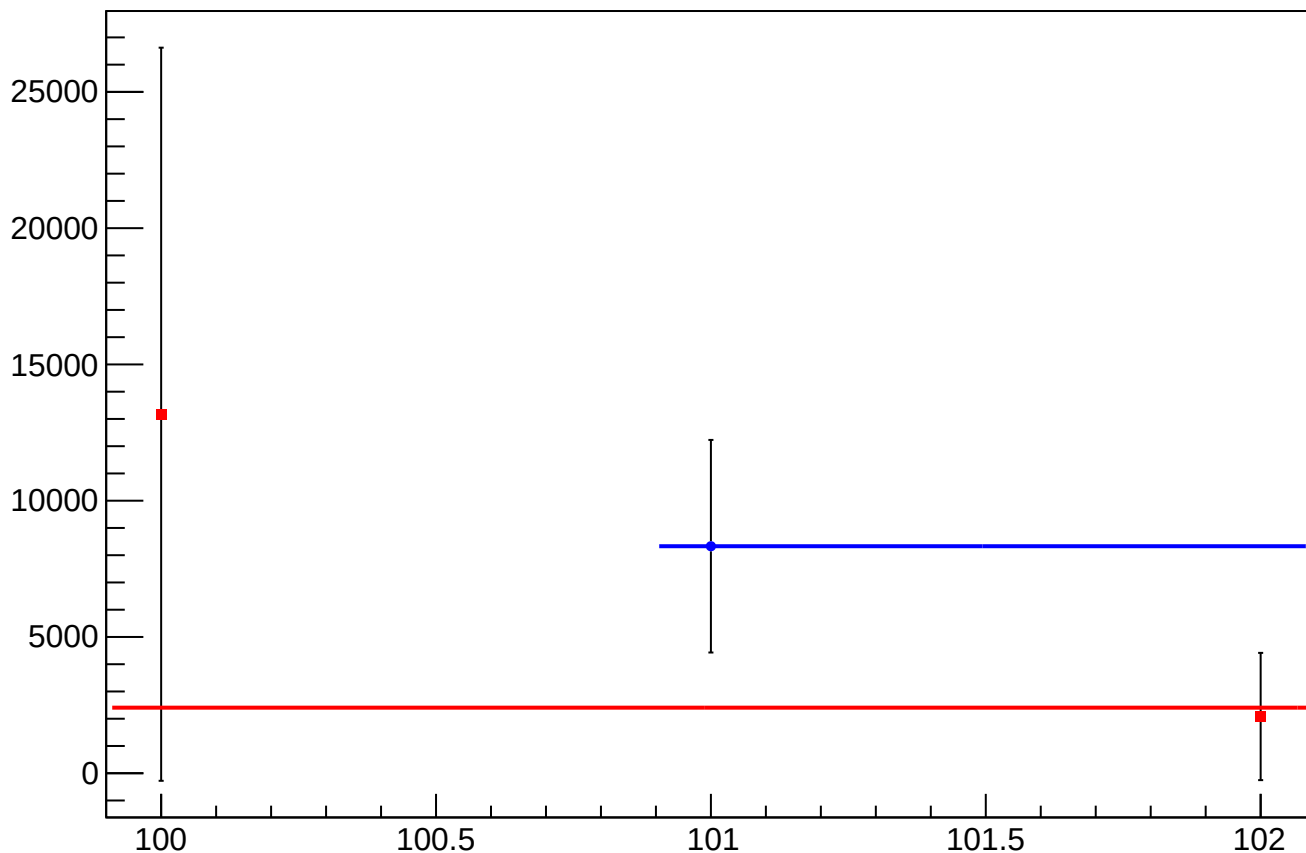
Right: 3816.708 $\pm$ 2.338 χ^2 /NDF: 19003.7/2

In: 4207.526 $\pm$ 3.675 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3816.708 $\pm$ 2.338 χ^2 /NDF: 19003.7/2

eigen_cor_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: 8329.753+/-3900.112 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2406.013+/-2300.230 χ^2/NDF : 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

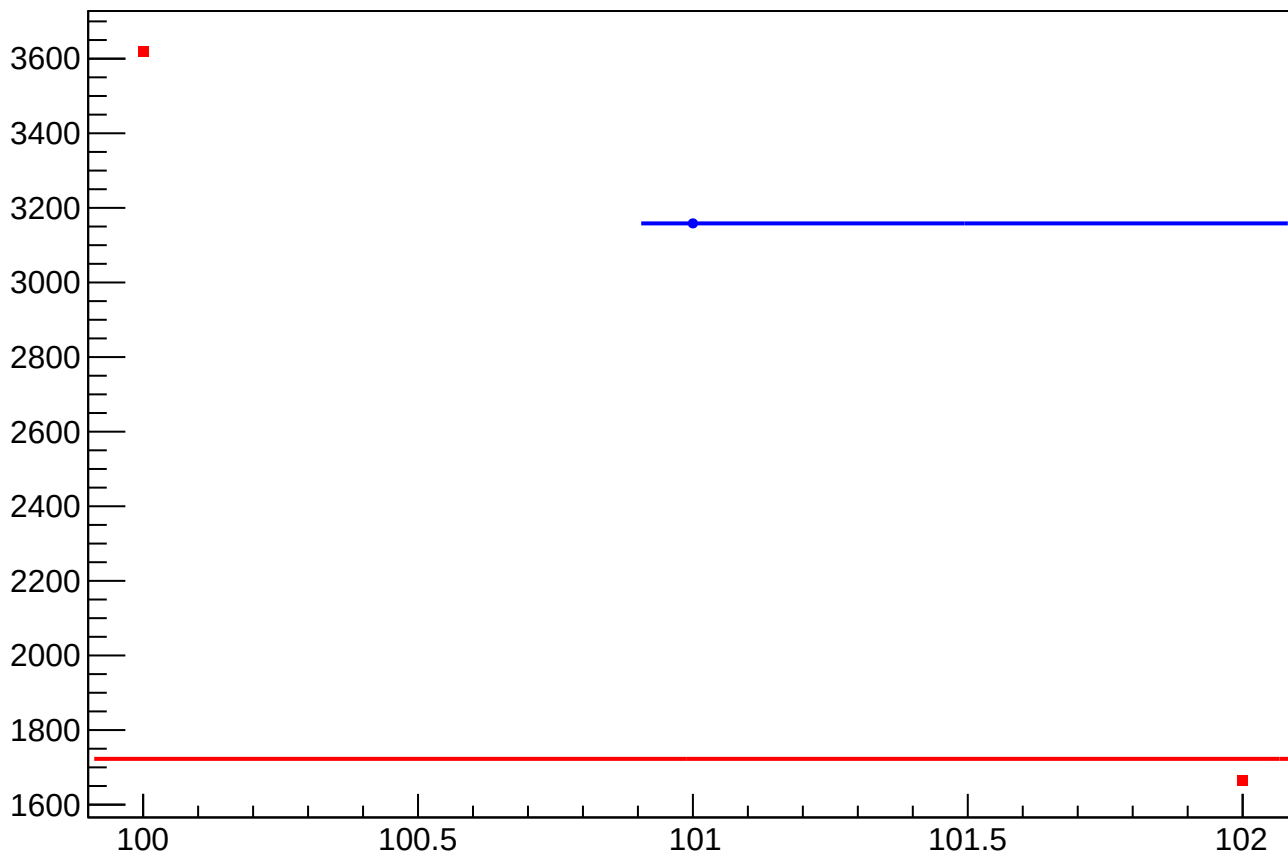
Right: 3934.788+/-1981.303 χ^2/NDF : 2.4/2

In: 8329.753+/-3900.112 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3934.788+/-1981.303 χ^2/NDF : 2.4/2

eigen_cor_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3158.415+/-2.758 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1722.775+/-1.626 χ^2/NDF : 40992.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

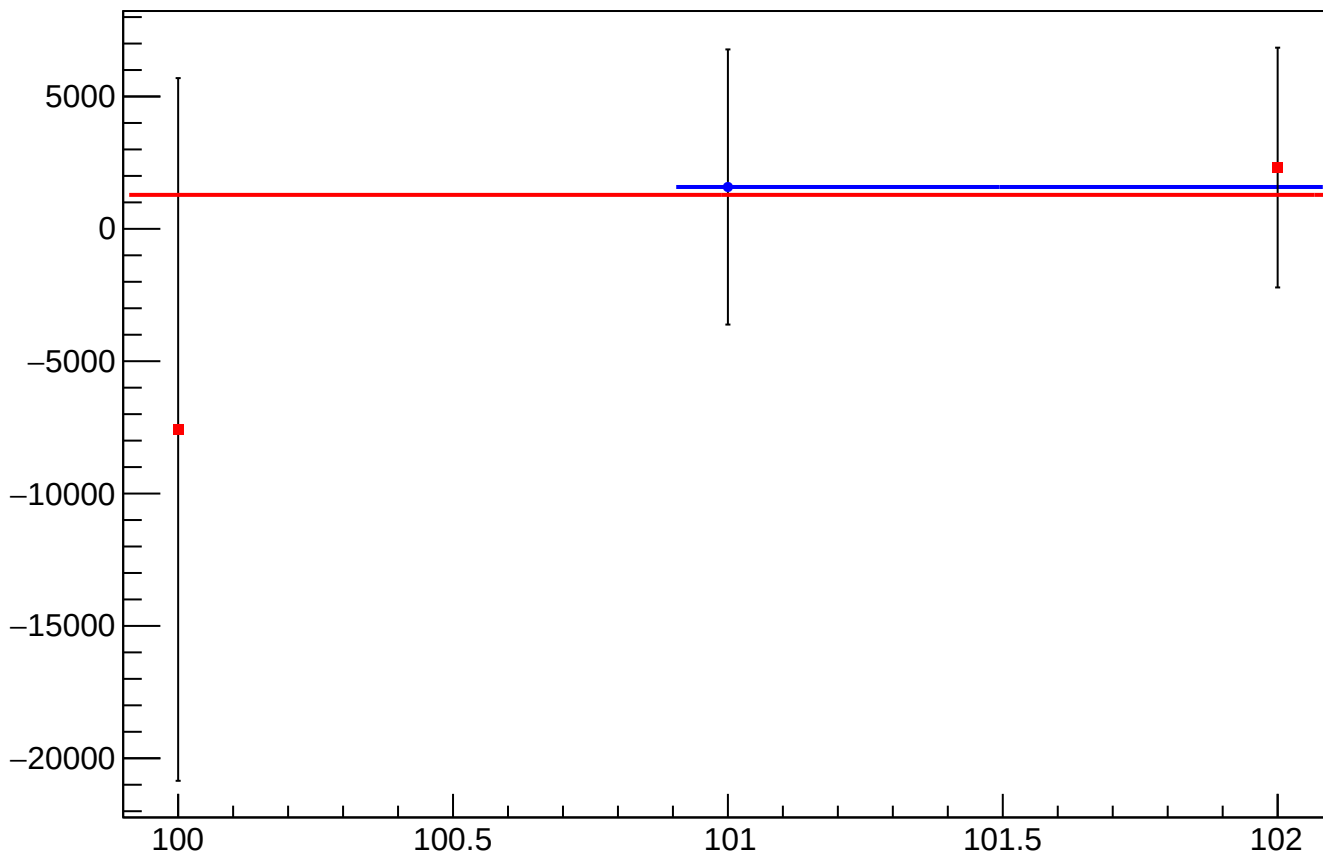
Right: 2093.272+/-1.401 χ^2/NDF : 242054.2/2

In: 3158.415+/-2.758 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2093.272+/-1.401 χ^2/NDF : 242054.2/2

asym_atl_dd_atr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1581.331+/-5197.313 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1283.392+/-4286.501 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

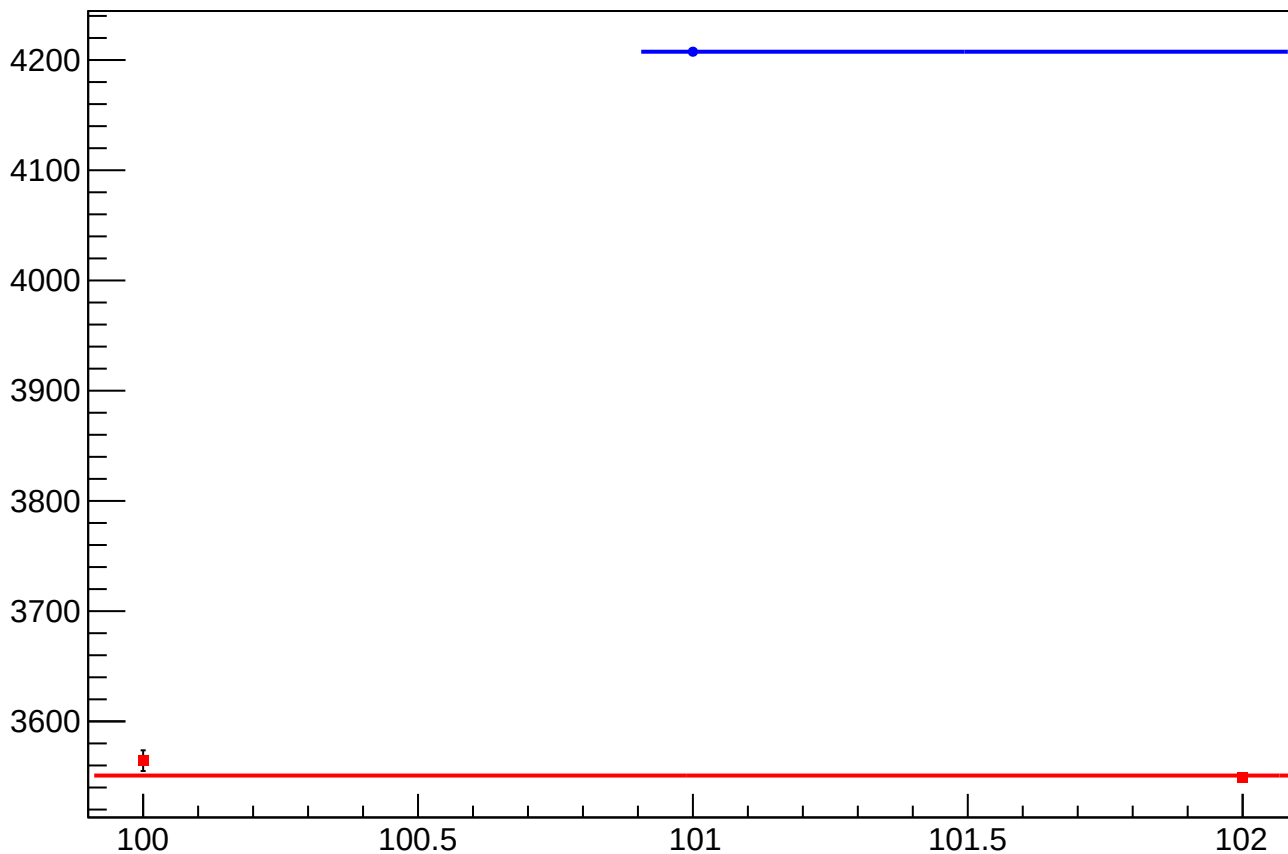
Right: 1404.009+/-3306.893 χ^2/NDF : 0.5/2

In: 1581.331+/-5197.313 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1404.009+/-3306.893 χ^2/NDF : 0.5/2

asym_atl_dd_atr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4207.526+/-3.675 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3550.867+/-3.031 χ^2/NDF : 2.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

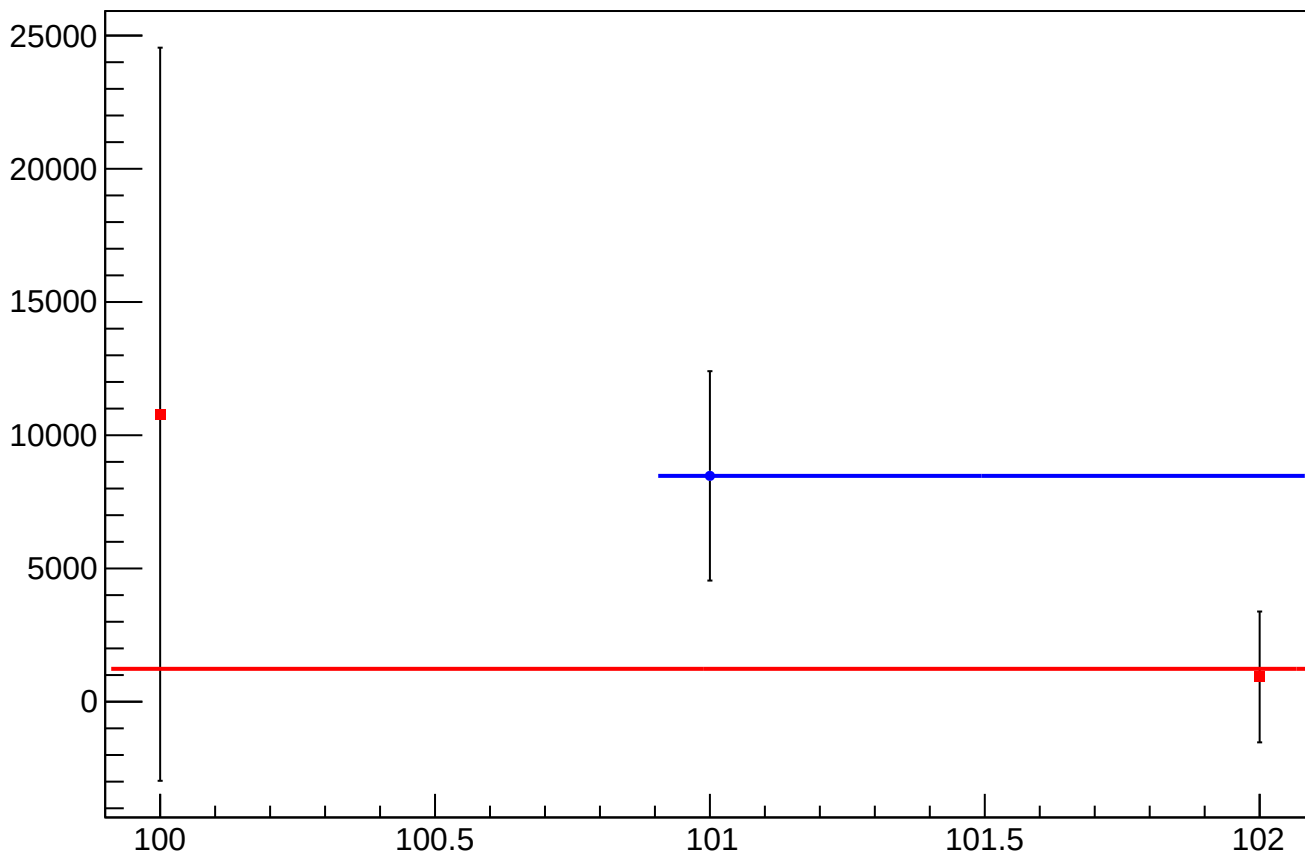
Right: 3816.708+/-2.338 χ^2/NDF : 19003.7/2

In: 4207.526+/-3.675 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3816.708+/-2.338 χ^2/NDF : 19003.7/2

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: 8475.157+/-3929.196 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1233.516+/-2416.996 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

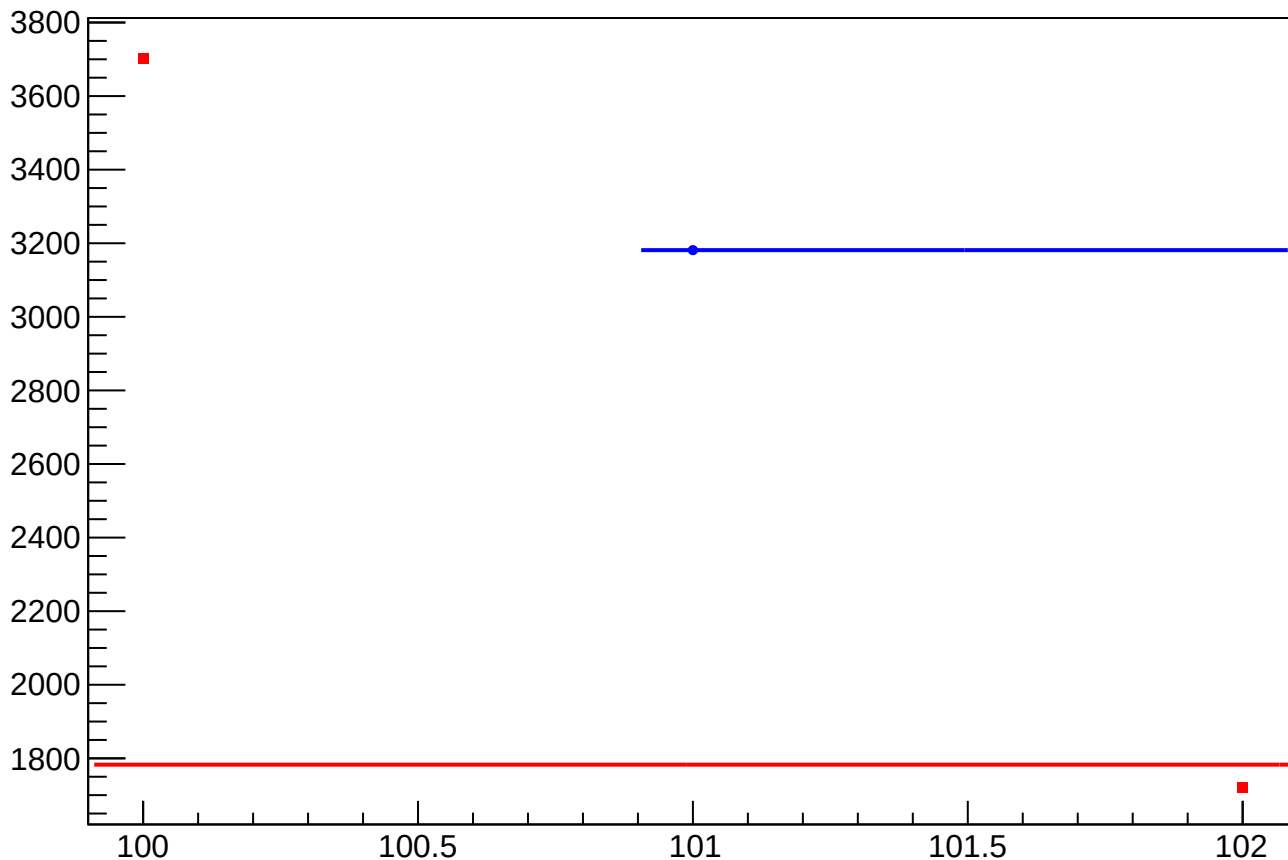
Right: 3221.478+/-2058.682 χ^2/NDF : 3.0/2

In: 8475.157+/-3929.196 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3221.478+/-2058.682 χ^2/NDF : 3.0/2

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3181.298+/-2.778 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1782.830+/-1.709 χ^2/NDF : 40198.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

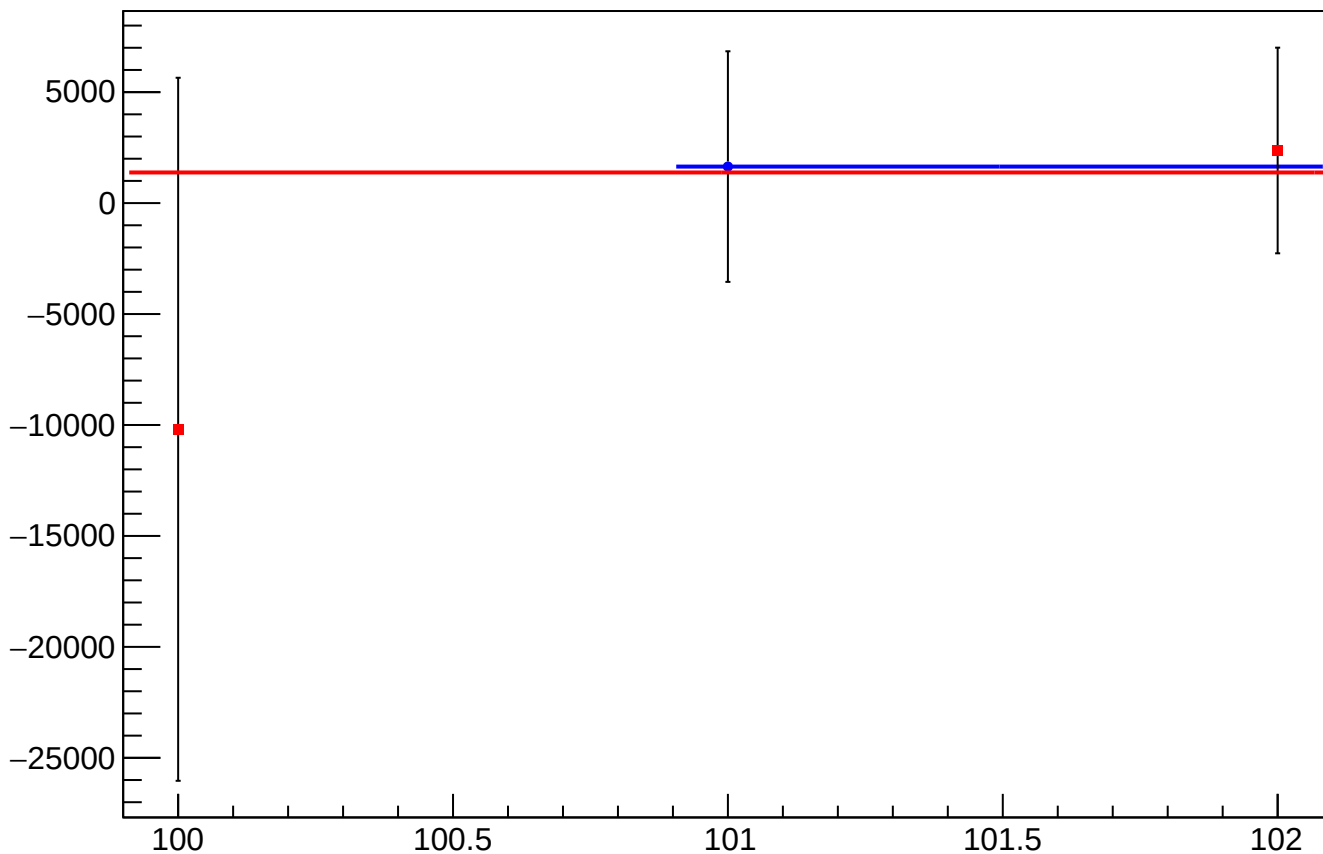
Right: 2166.727+/-1.456 χ^2/NDF : 224003.1/2

In: 3181.298+/-2.778 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2166.727+/-1.456 χ^2/NDF : 224003.1/2

asym_atl_dd_atr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 1645.506+/-5196.241 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1380.395+/-4447.407 χ^2/NDF : 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

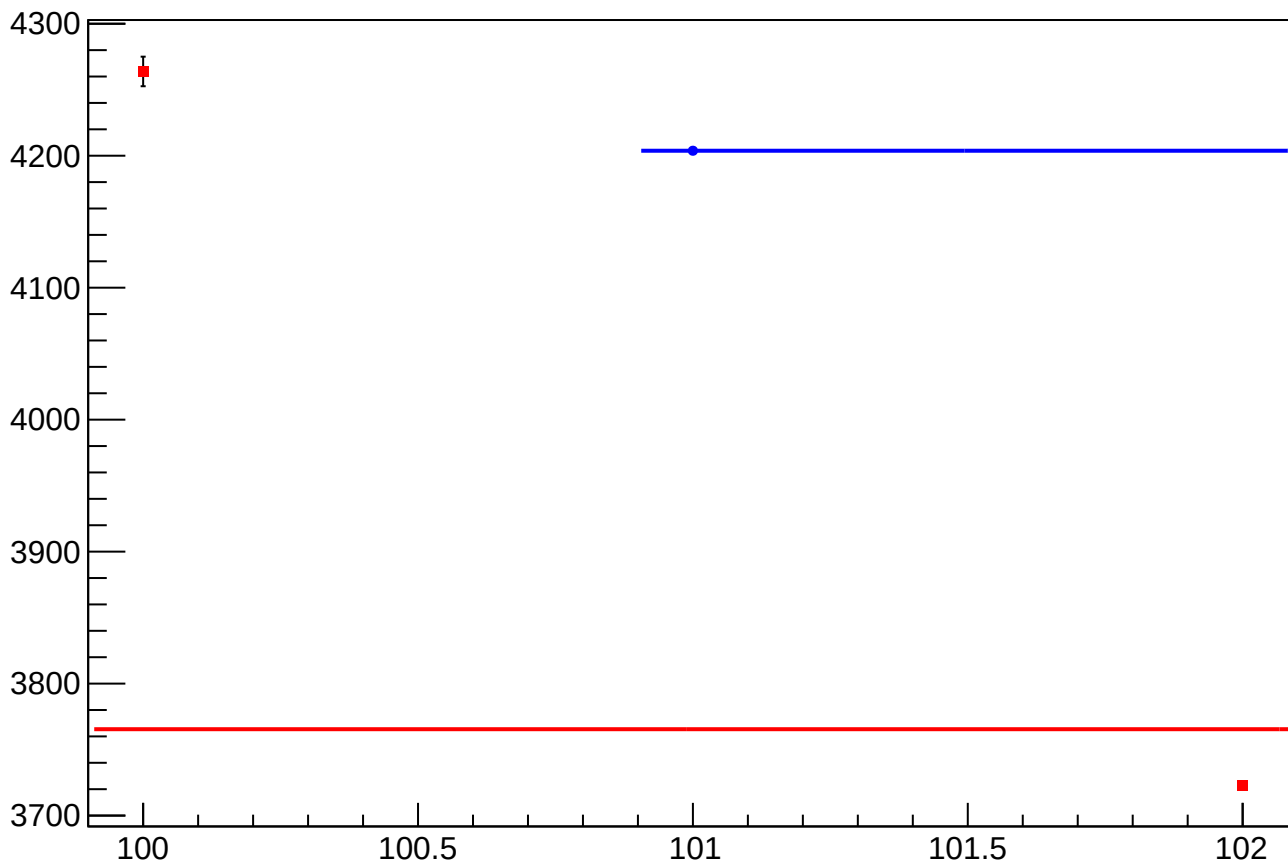
Right: 1492.488+/-3378.815 χ^2/NDF : 0.6/2

In: 1645.506+/-5196.241 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1492.488+/-3378.815 χ^2/NDF : 0.6/2

asym_atl_dd_atr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4203.768+/-3.674 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3765.454+/-3.145 χ^2/NDF : 2148.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

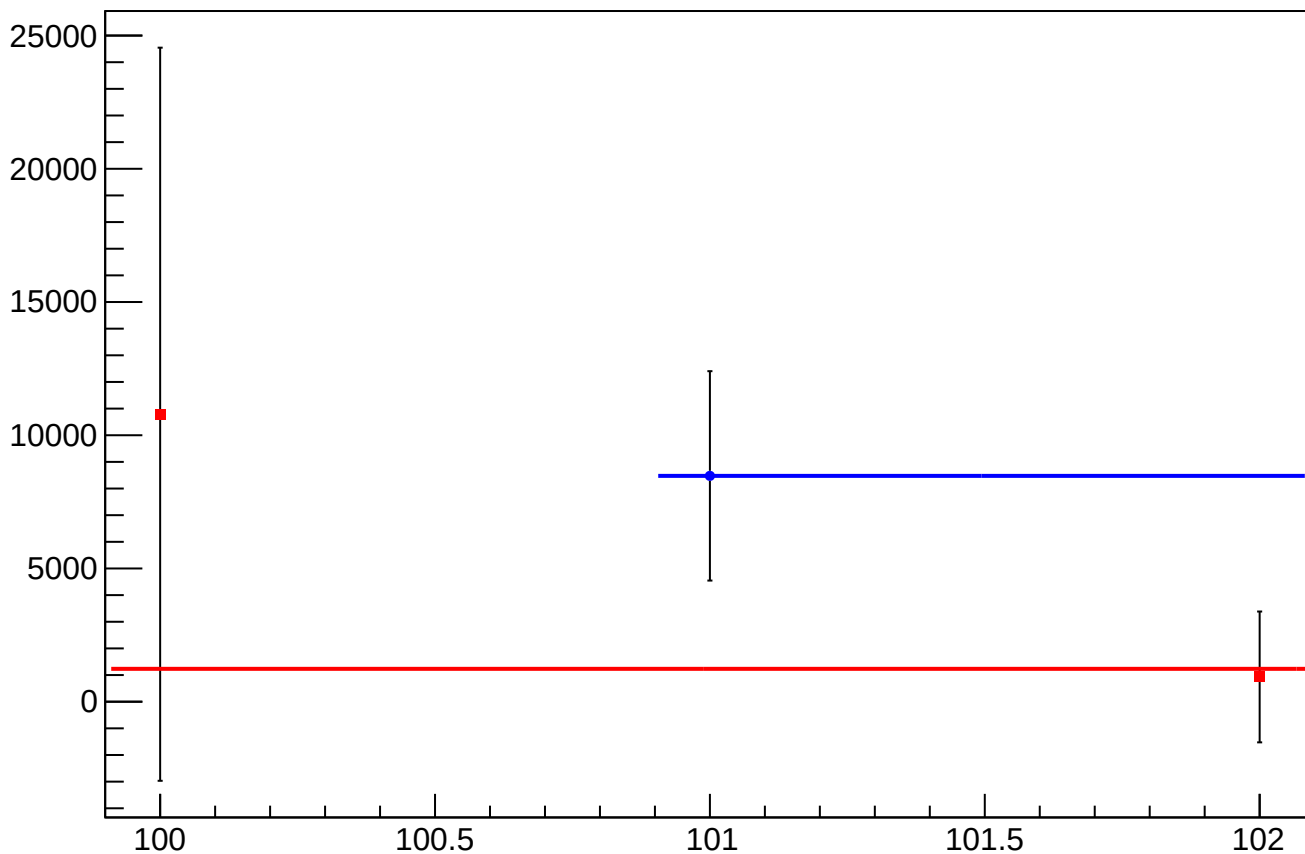
Right: 3950.780+/-2.389 χ^2/NDF : 10362.6/2

In: 4203.768+/-3.674 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3950.780+/-2.389 χ^2/NDF : 10362.6/2

eigen_dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: 8475.177+/-3929.196 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1233.489+/-2416.996 χ^2 /NDF: 0.5/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

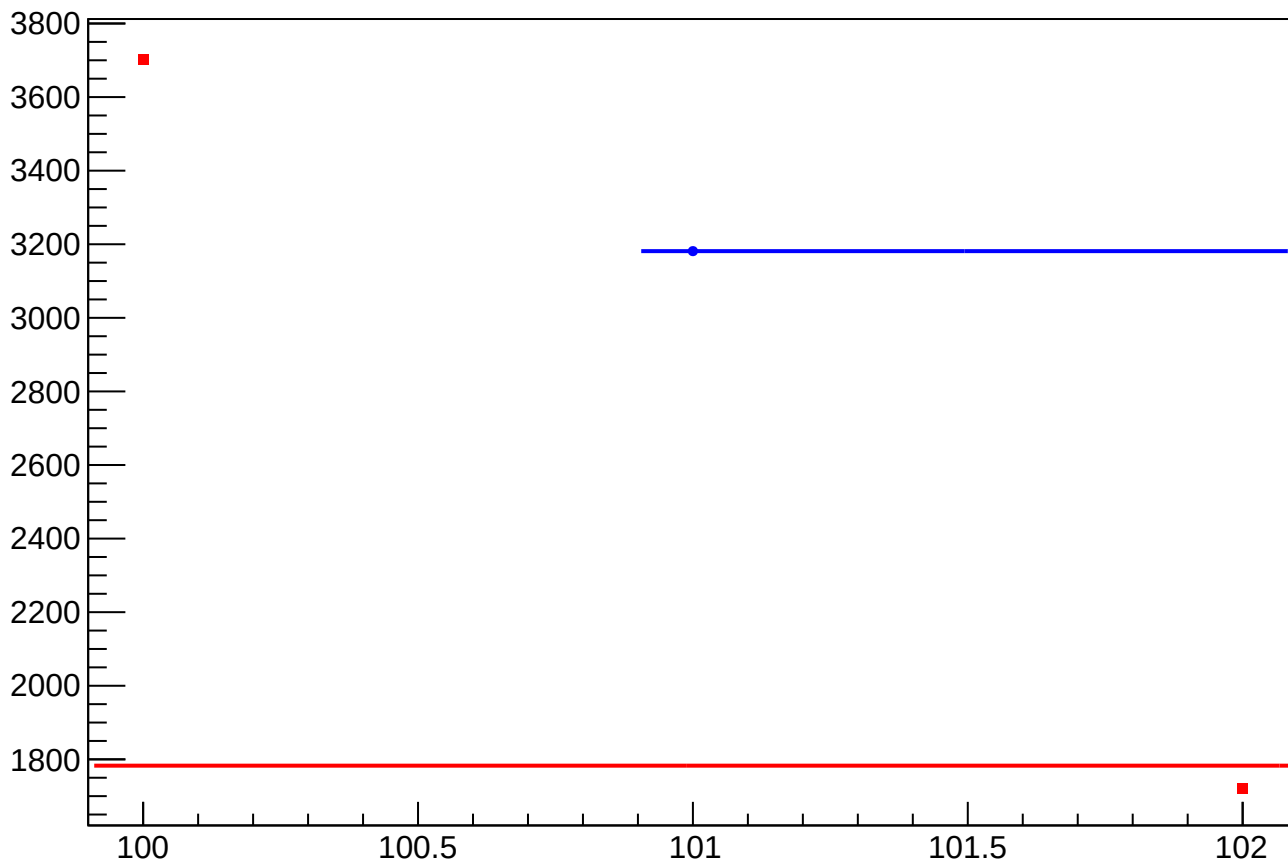
Right: 3221.464+/-2058.682 χ^2 /NDF: 3.0/2

In: 8475.177+/-3929.196 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 3221.464+/-2058.682 χ^2 /NDF: 3.0/2

eigen_dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3181.297+/-2.778 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1782.830+/-1.709 χ^2/NDF : 40198.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

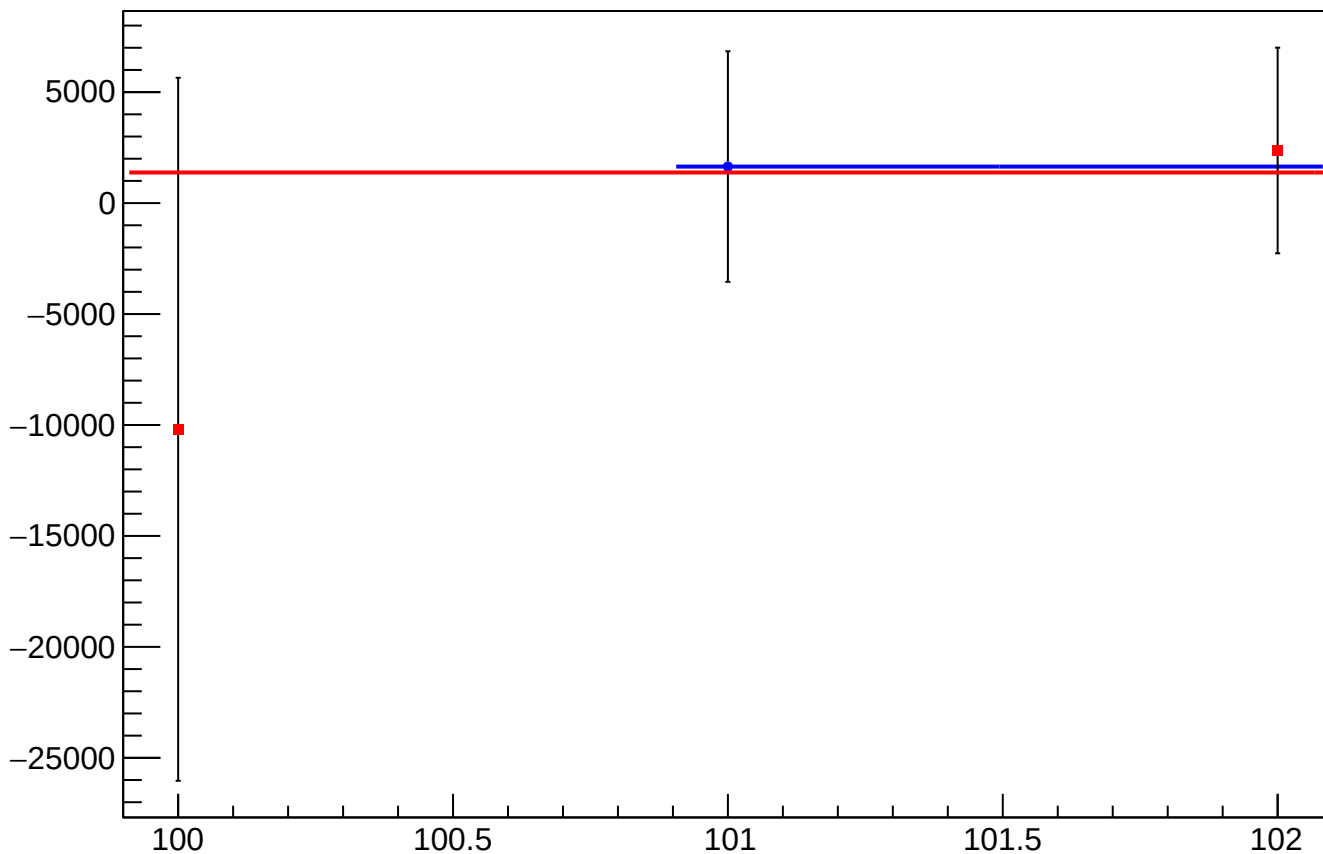
Right: 2166.727+/-1.456 χ^2/NDF : 224003.1/2

In: 3181.297+/-2.778 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2166.727+/-1.456 χ^2/NDF : 224003.1/2

asym_atl_dd_atr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1645.520+/-5196.236 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1380.390+/-4447.410 χ^2/NDF : 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

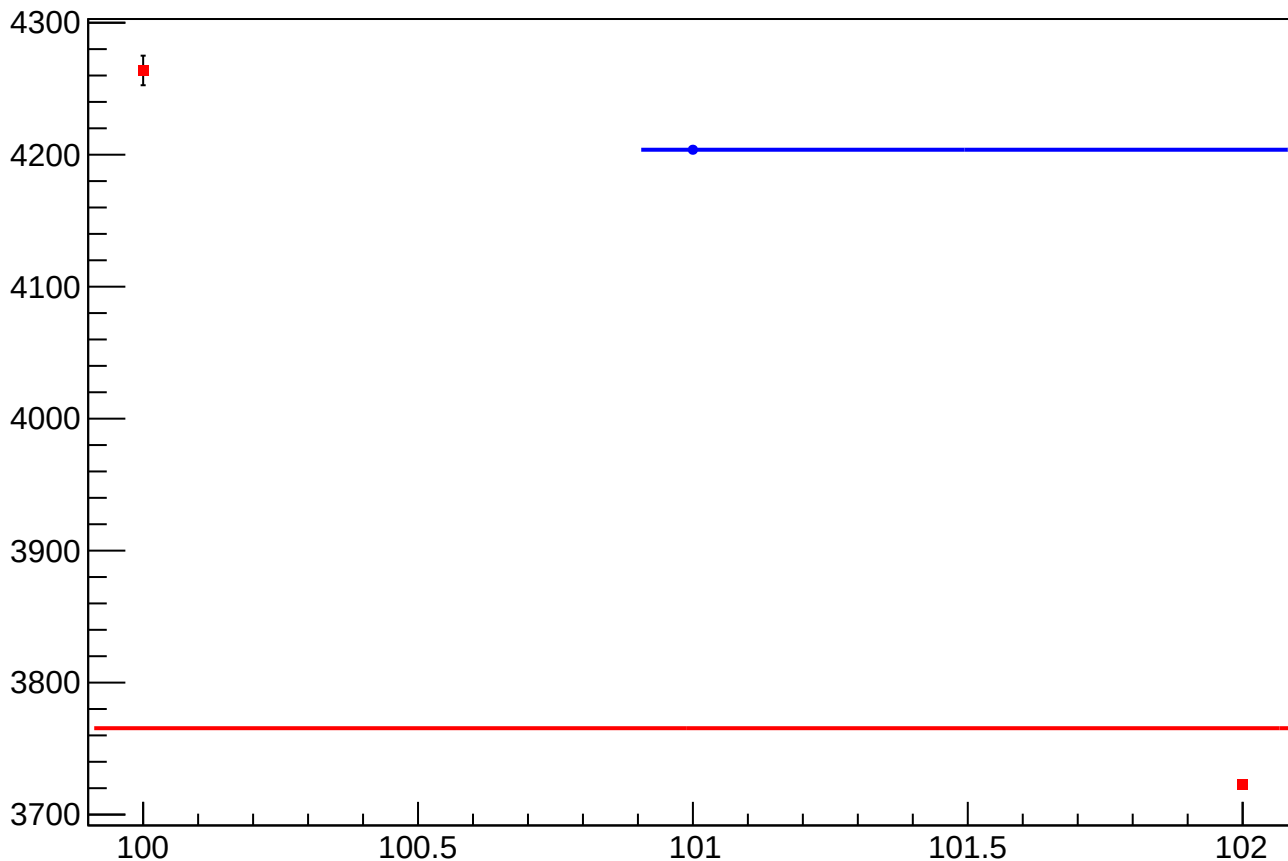
Right: 1492.491+/-3378.815 χ^2/NDF : 0.6/2

In: 1645.520+/-5196.236 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1492.491+/-3378.815 χ^2/NDF : 0.6/2

asym_atl_dd_atr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4203.764 $\pm$ 3.674 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3765.456 $\pm$ 3.145 χ^2 /NDF: 2148.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

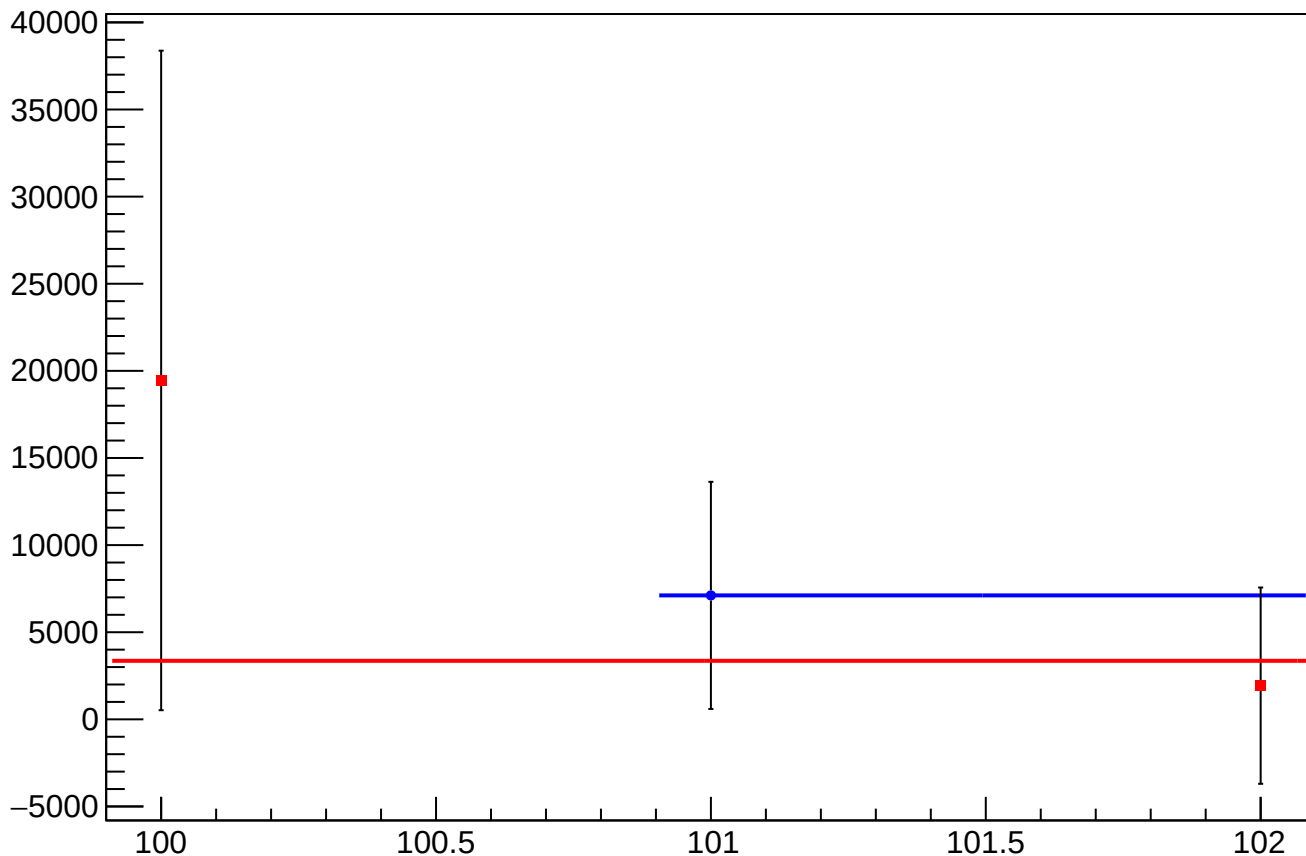
Right: 3950.780 $\pm$ 2.389 χ^2 /NDF: 10362.3/2

In: 4203.764 $\pm$ 3.674 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3950.780 $\pm$ 2.389 χ^2 /NDF: 10362.3/2

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: 7113.572+/-6517.946 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3358.781+/-5398.769 χ^2/NDF : 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

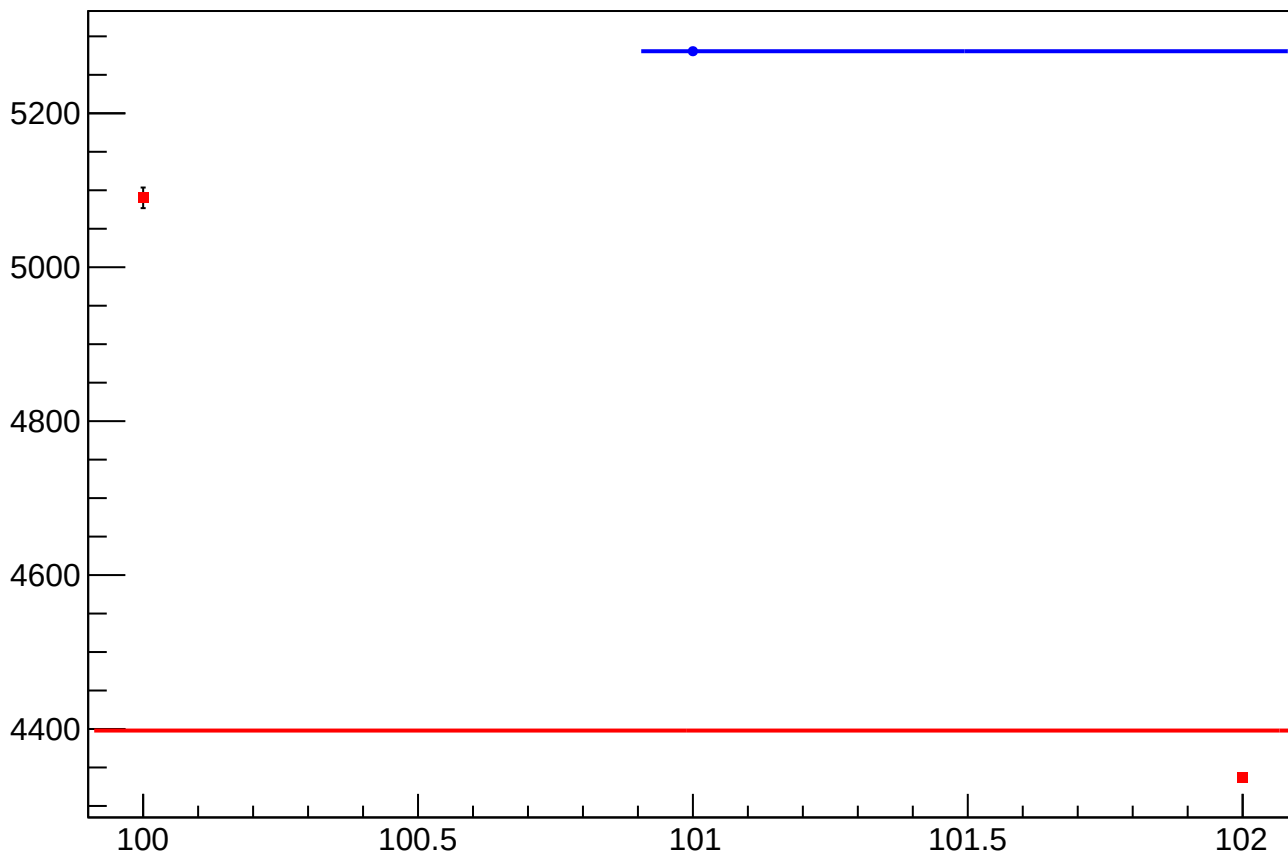
Right: 4886.622+/-4157.737 χ^2/NDF : 1.0/2

In: 7113.572+/-6517.946 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4886.622+/-4157.737 χ^2/NDF : 1.0/2

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 5280.679+/-4.609 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4397.973+/-3.817 χ^2/NDF : 2912.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

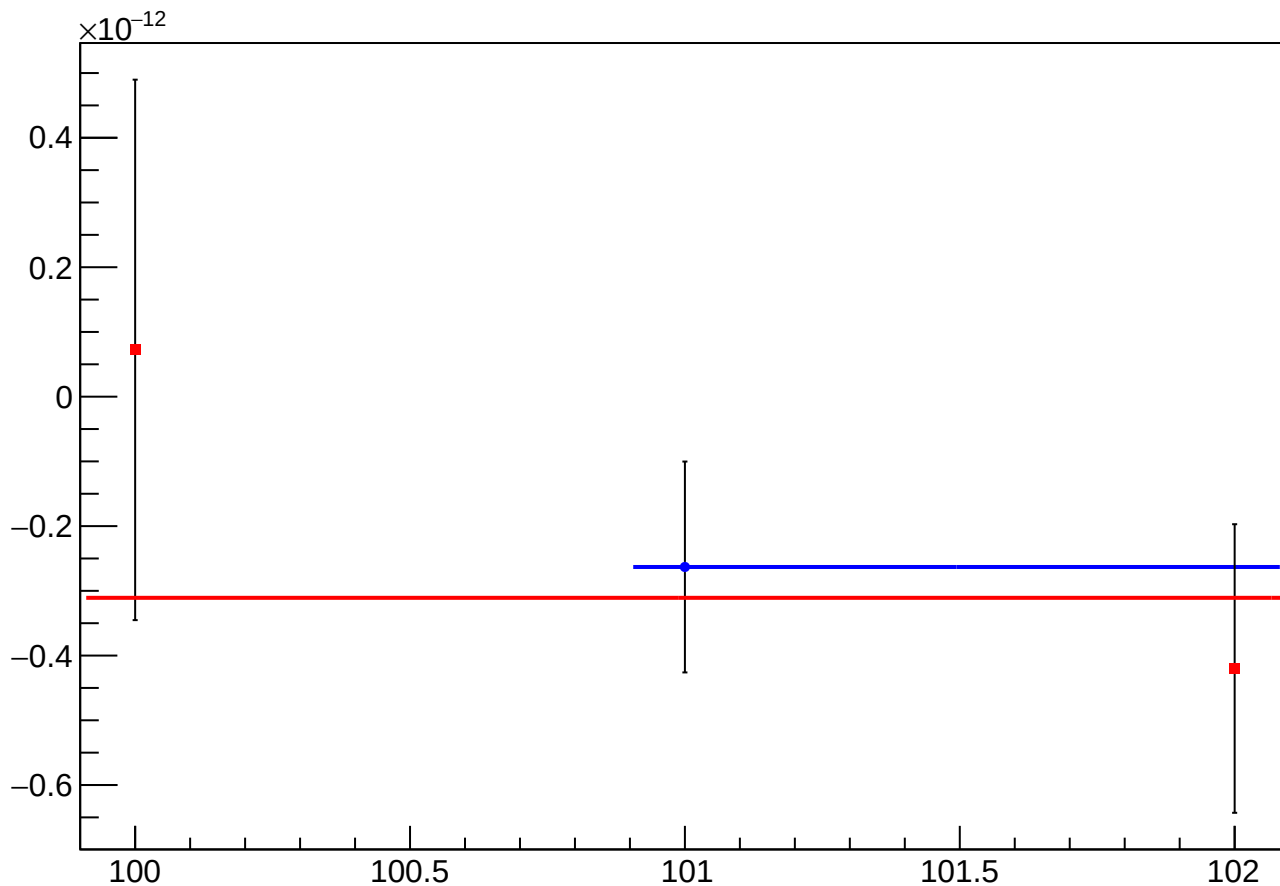
Right: 4757.121+/-2.940 χ^2/NDF : 24668.8/2

In: 5280.679+/-4.609 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4757.121+/-2.940 χ^2/NDF : 24668.8/2

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_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: 1.1/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

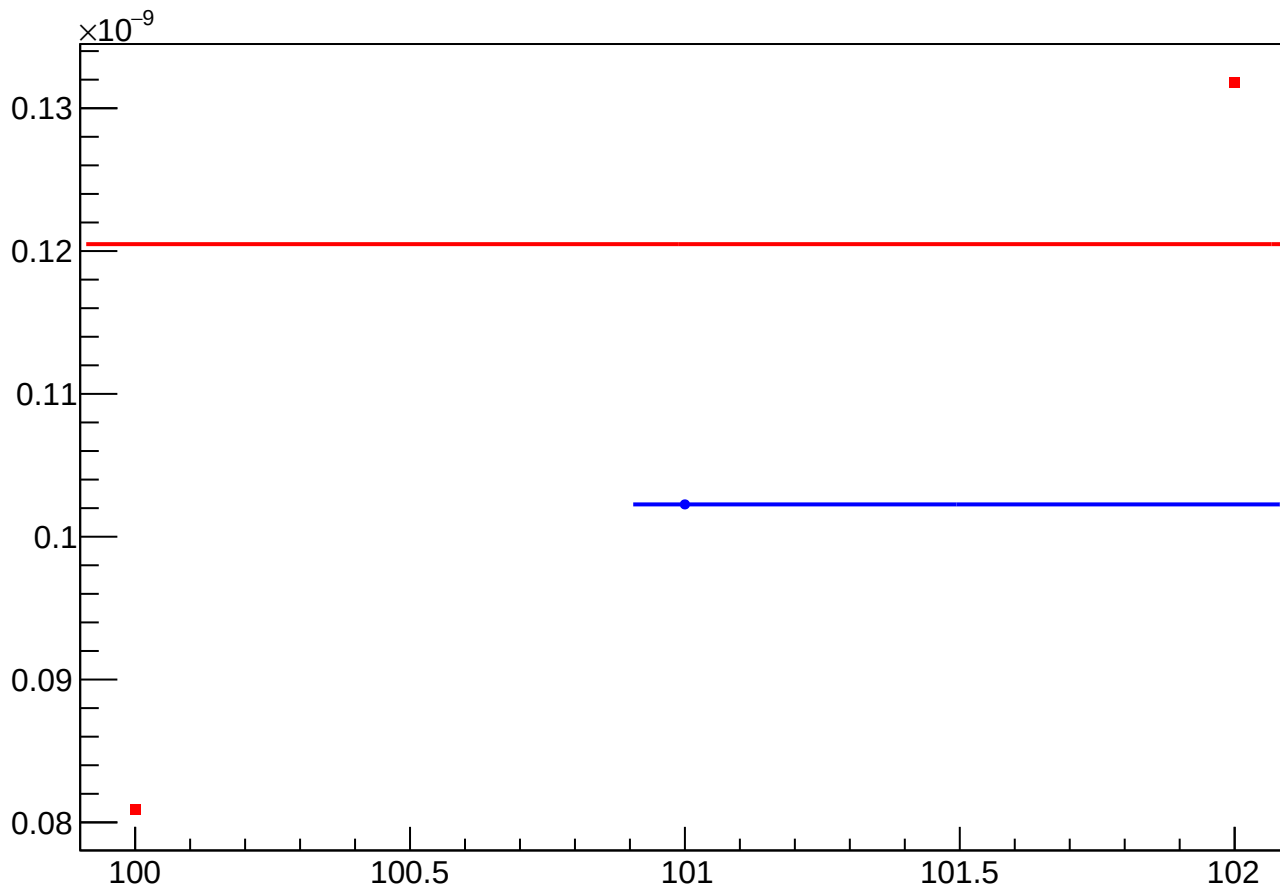
Right: -0.000+/-0.000 χ^2 /NDF: 1.1/2

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: 1.1/2

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_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 : 23110.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

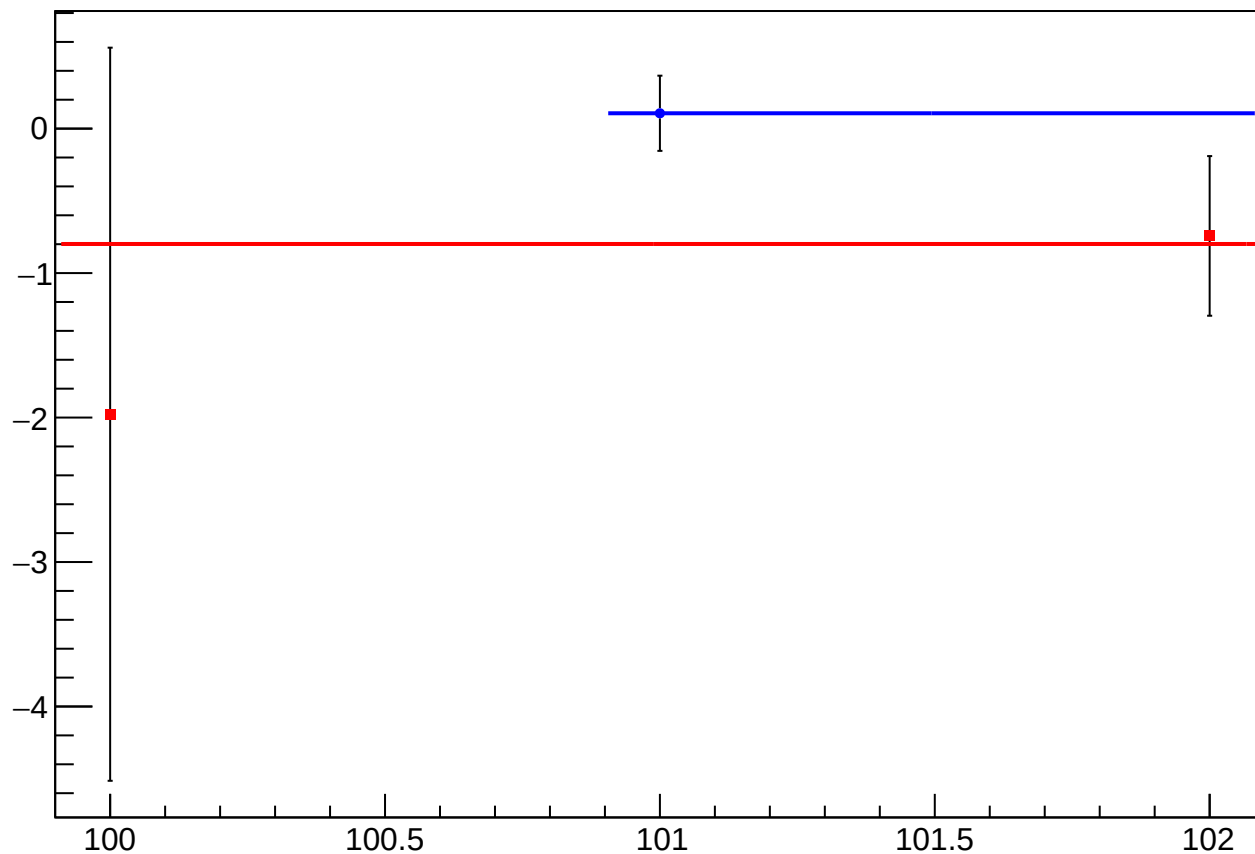
Right: 0.000+/-0.000 χ^2/NDF : 33293.4/2

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 : 33293.4/2

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.106+/-0.260 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.799+/-0.540 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

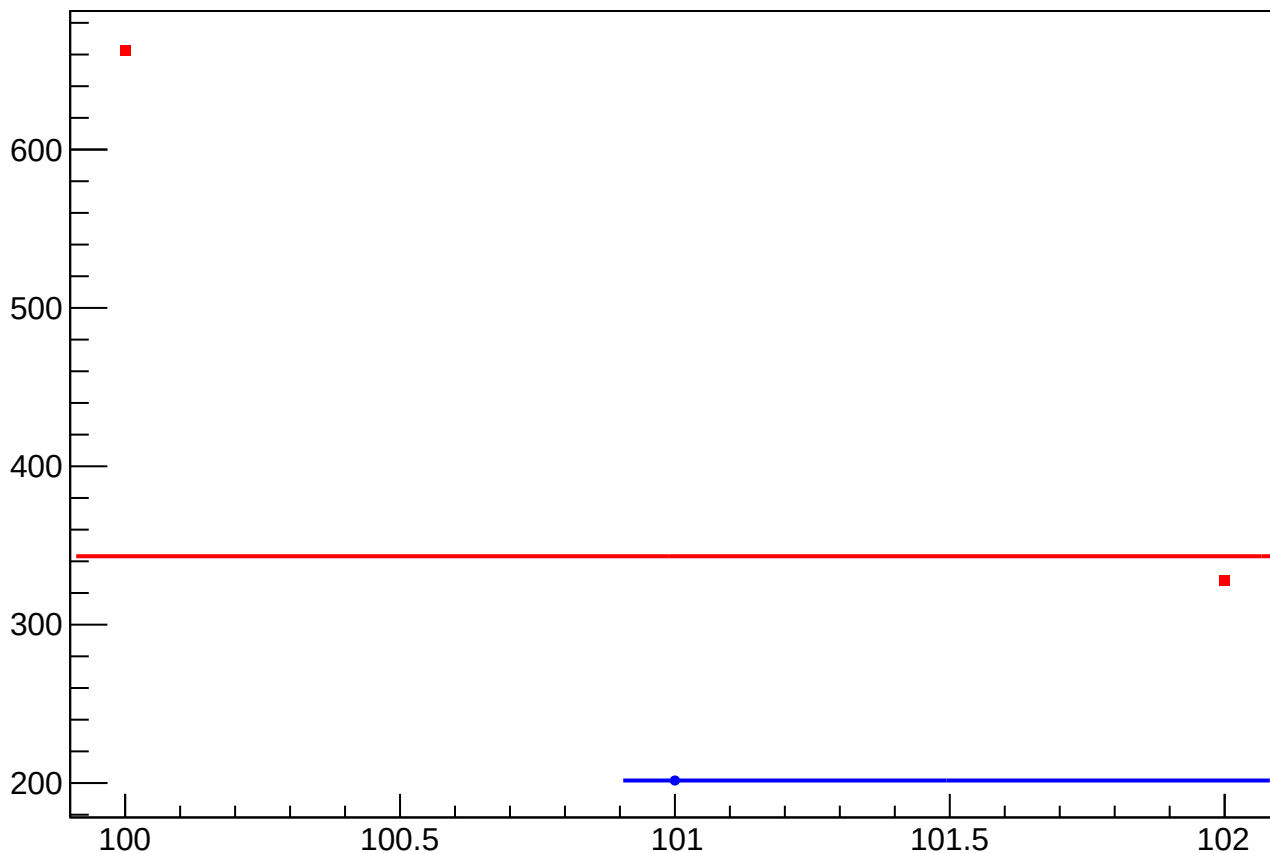
Right: -0.064+/-0.234 χ^2/NDF : 2.5/2

In: 0.106+/-0.260 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.064+/-0.234 χ^2/NDF : 2.5/2

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 201.597 $\pm$ 0.184 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 343.204 $\pm$ 0.382 χ^2 /NDF: 33181.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

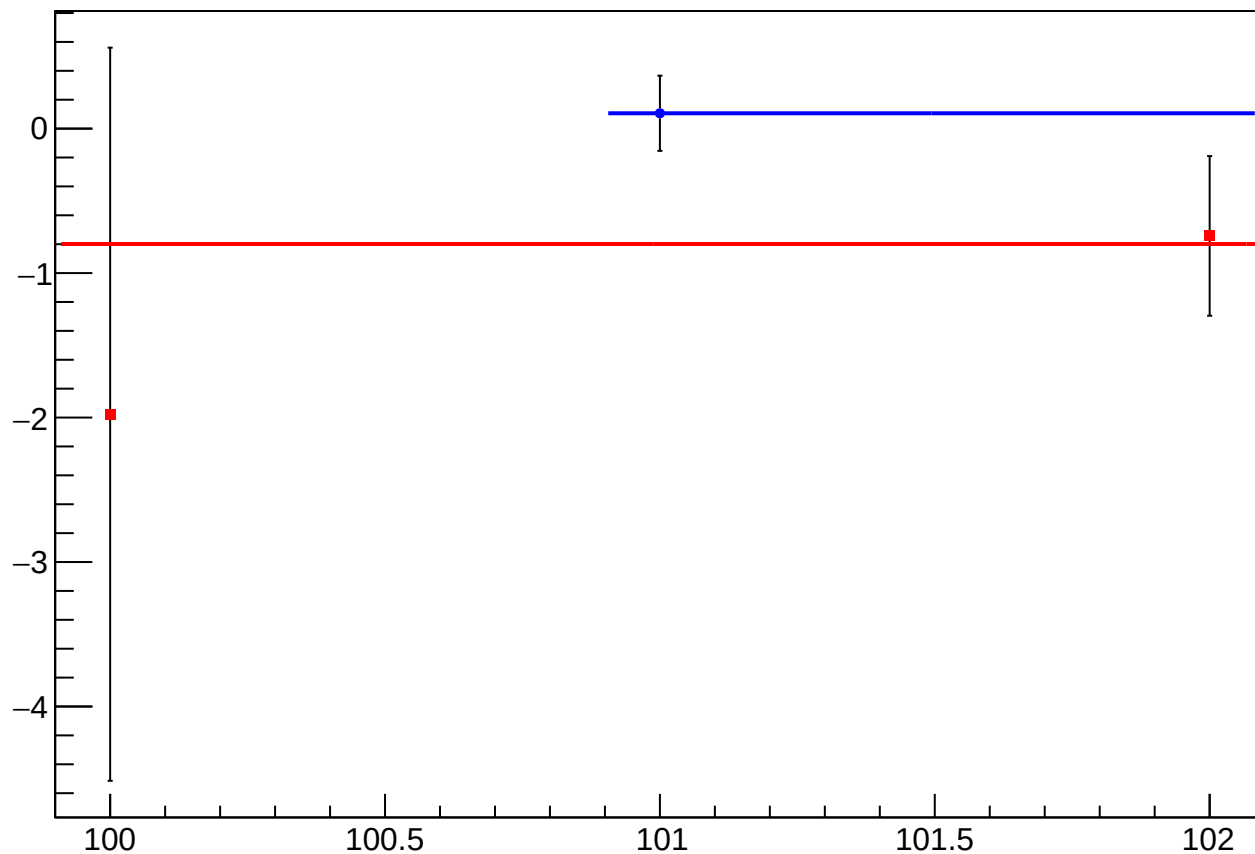
Right: 228.293 $\pm$ 0.166 χ^2 /NDF: 144841.5/2

In: 201.597 $\pm$ 0.184 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 228.293 $\pm$ 0.166 χ^2 /NDF: 144841.5/2

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.106+/-0.260 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.799+/-0.540 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

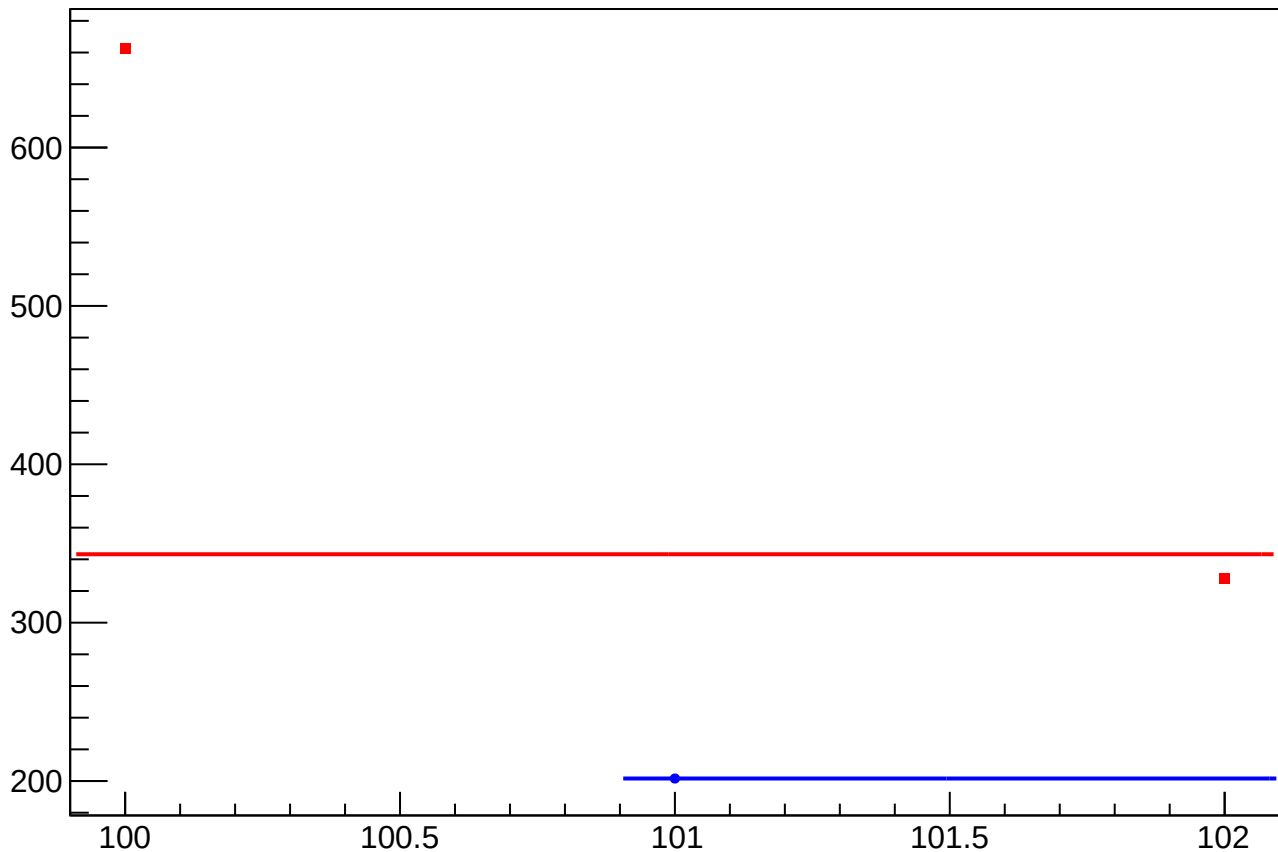
Right: -0.064+/-0.234 χ^2/NDF : 2.5/2

In: 0.106+/-0.260 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.064+/-0.234 χ^2/NDF : 2.5/2

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 201.597 $\pm$ 0.184 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 343.204 $\pm$ 0.382 χ^2 /NDF: 33181.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

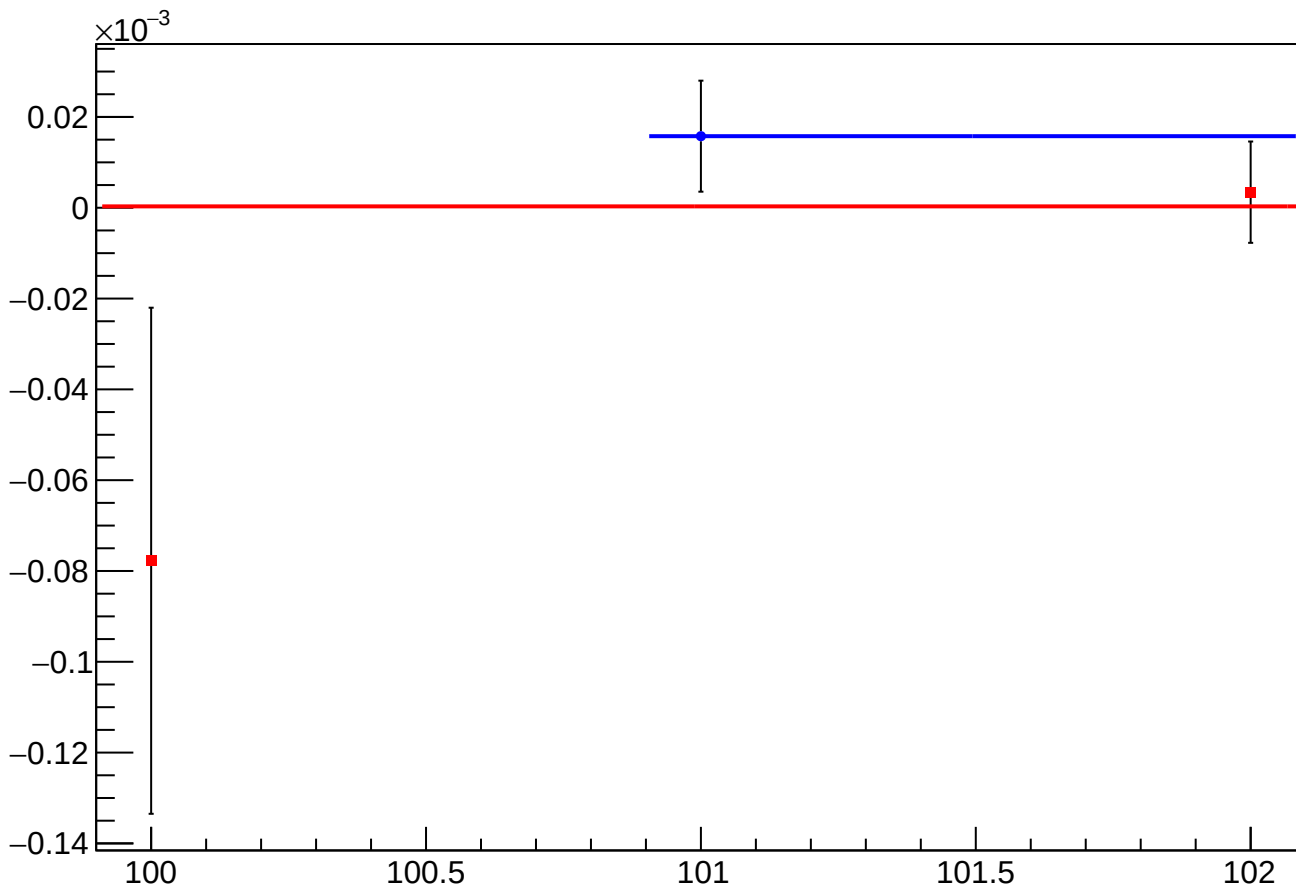
Right: 228.293 $\pm$ 0.166 χ^2 /NDF: 144841.5/2

In: 201.597 $\pm$ 0.184 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 228.293 $\pm$ 0.166 χ^2 /NDF: 144841.5/2

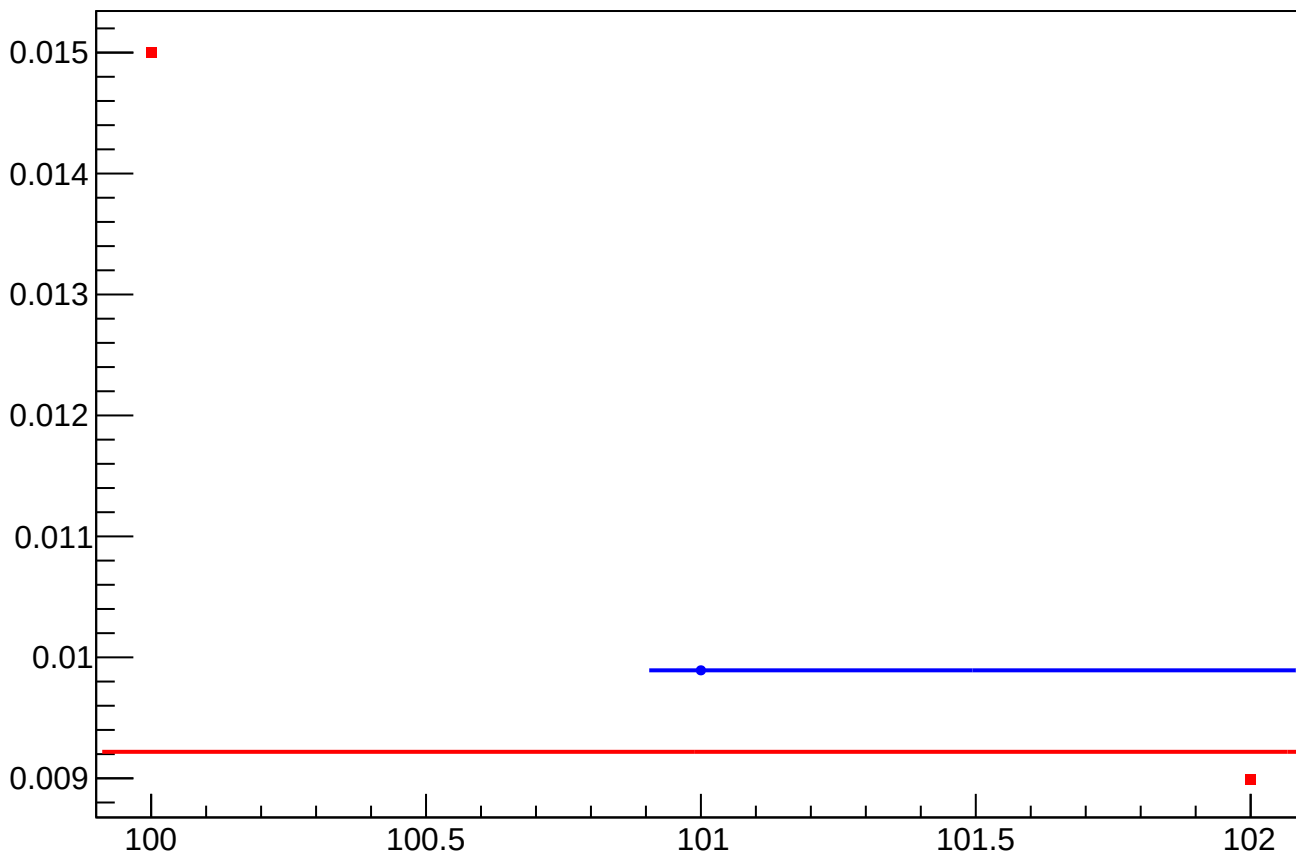
asym_atl_dd_atr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 2.0/1
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 2.9/2
 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 : 2.9/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 22390.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

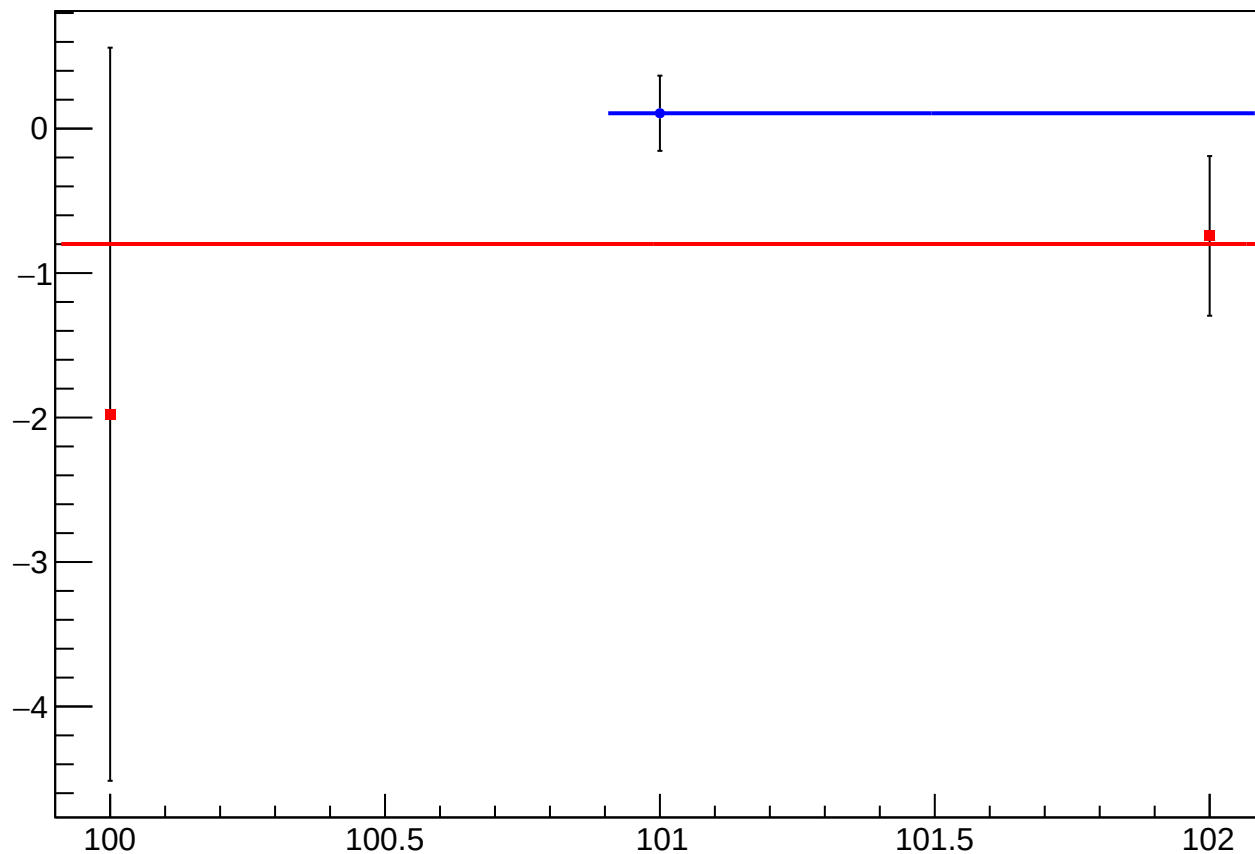
Right: 0.010+/-0.000 χ^2/NDF : 25763.0/2

In: 0.010+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 25763.0/2

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.106 $\pm$ 0.260 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.799 $\pm$ 0.540 χ^2 /NDF: 0.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

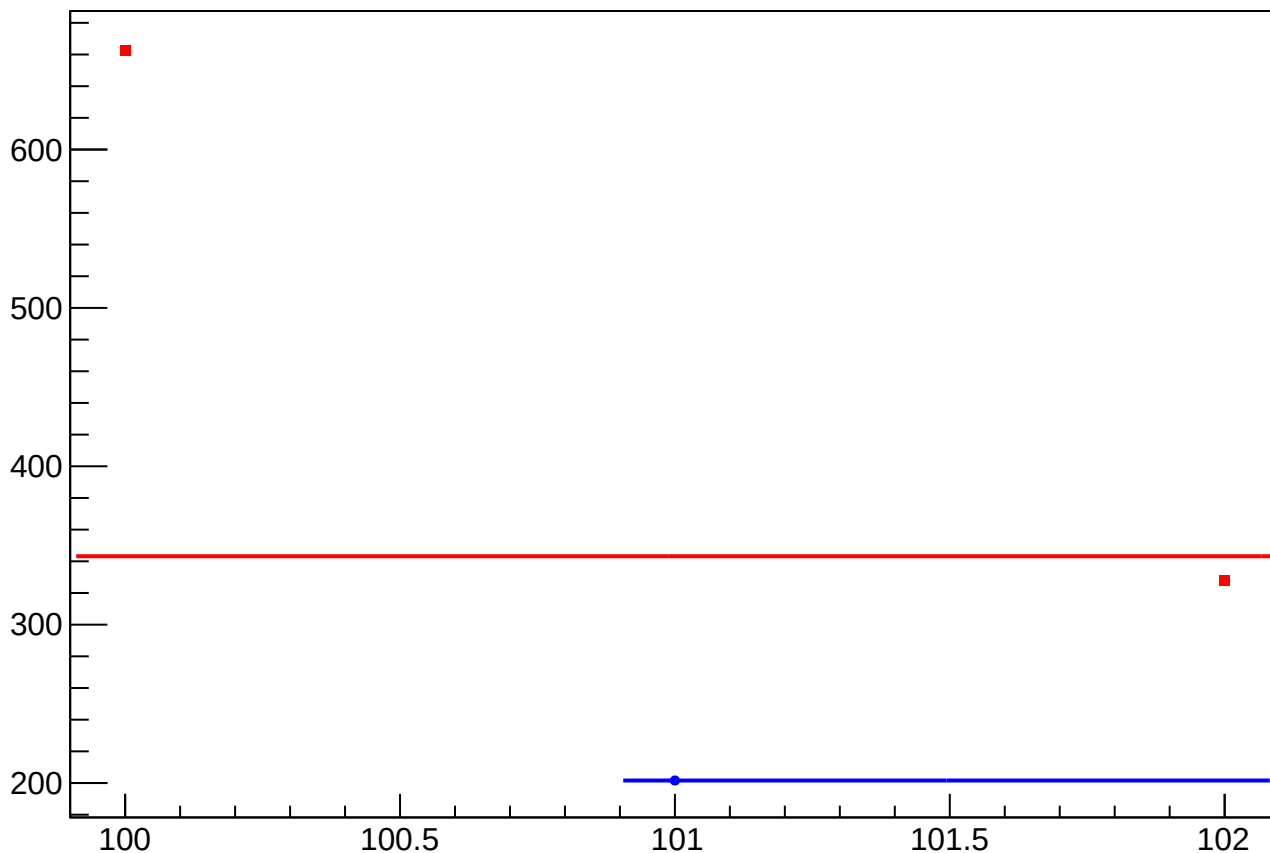
Right: -0.064 $\pm$ 0.234 χ^2 /NDF: 2.5/2

In: 0.106 $\pm$ 0.260 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.064 $\pm$ 0.234 χ^2 /NDF: 2.5/2

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 201.593 $\pm$ 0.184 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 343.202 $\pm$ 0.382 χ^2 /NDF: 33181.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

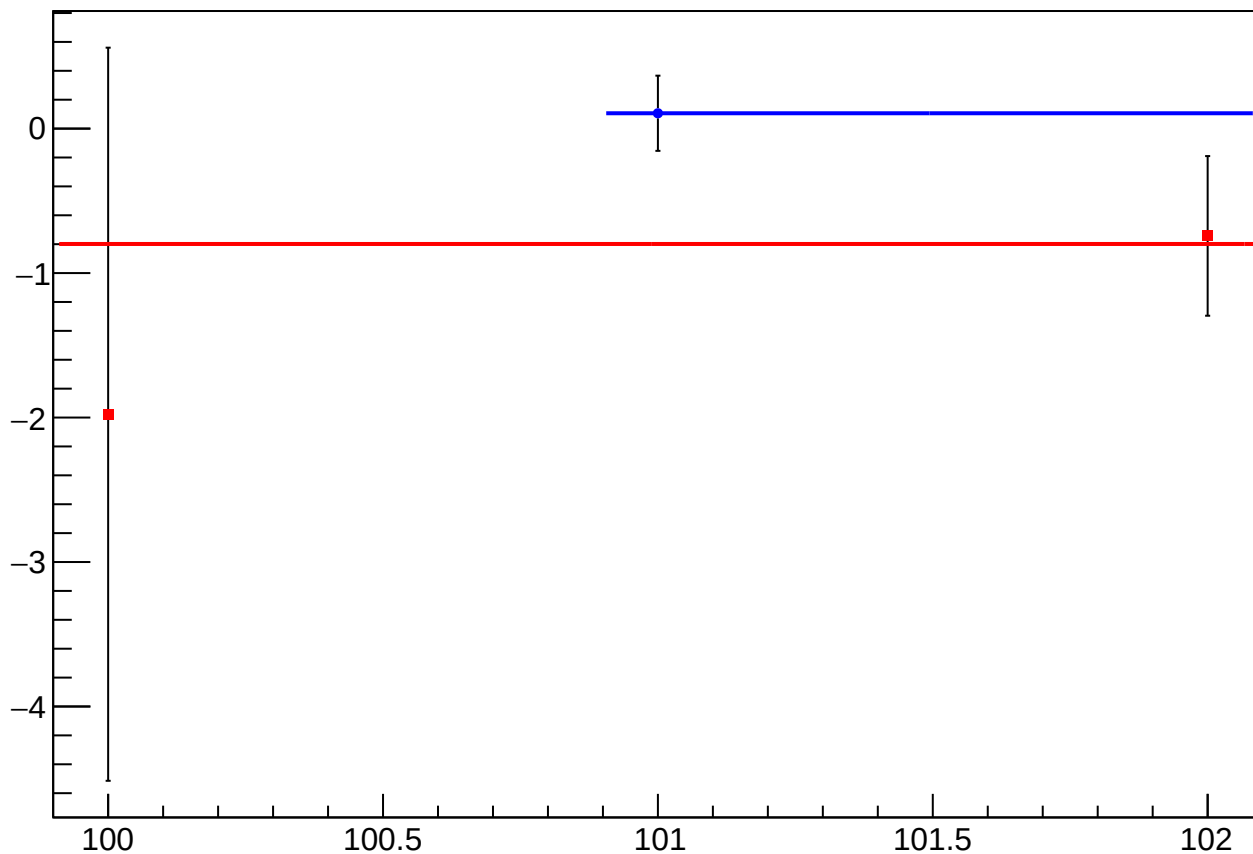
Right: 228.290 $\pm$ 0.166 χ^2 /NDF: 144845.7/2

In: 201.593 $\pm$ 0.184 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 228.290 $\pm$ 0.166 χ^2 /NDF: 144845.7/2

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.106 $\pm$ 0.260 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.799 $\pm$ 0.540 χ^2/NDF : 0.2/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

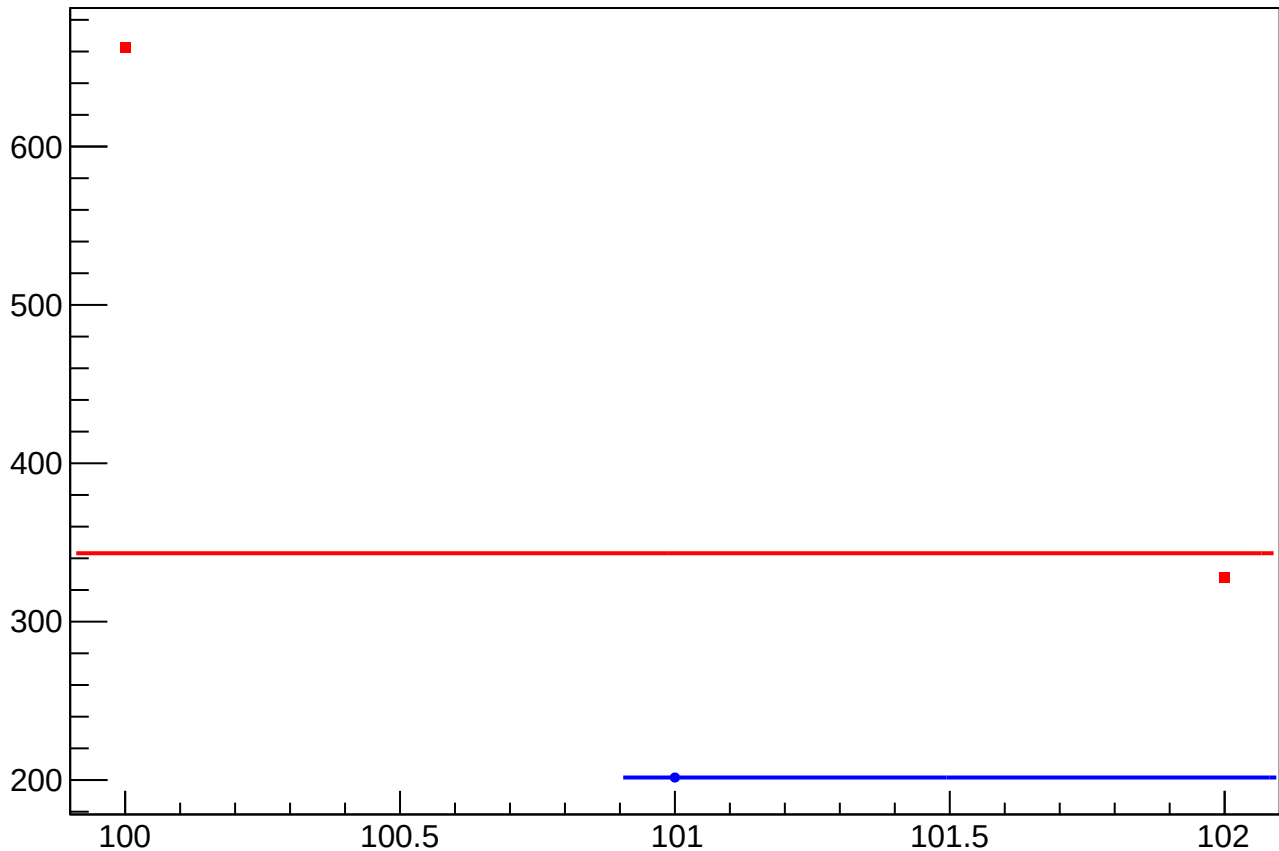
Right: -0.064 $\pm$ 0.234 χ^2/NDF : 2.5/2

In: 0.106 $\pm$ 0.260 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.064 $\pm$ 0.234 χ^2/NDF : 2.5/2

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 201.593 $\pm$ 0.184 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 343.202 $\pm$ 0.382 χ^2 /NDF: 33181.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

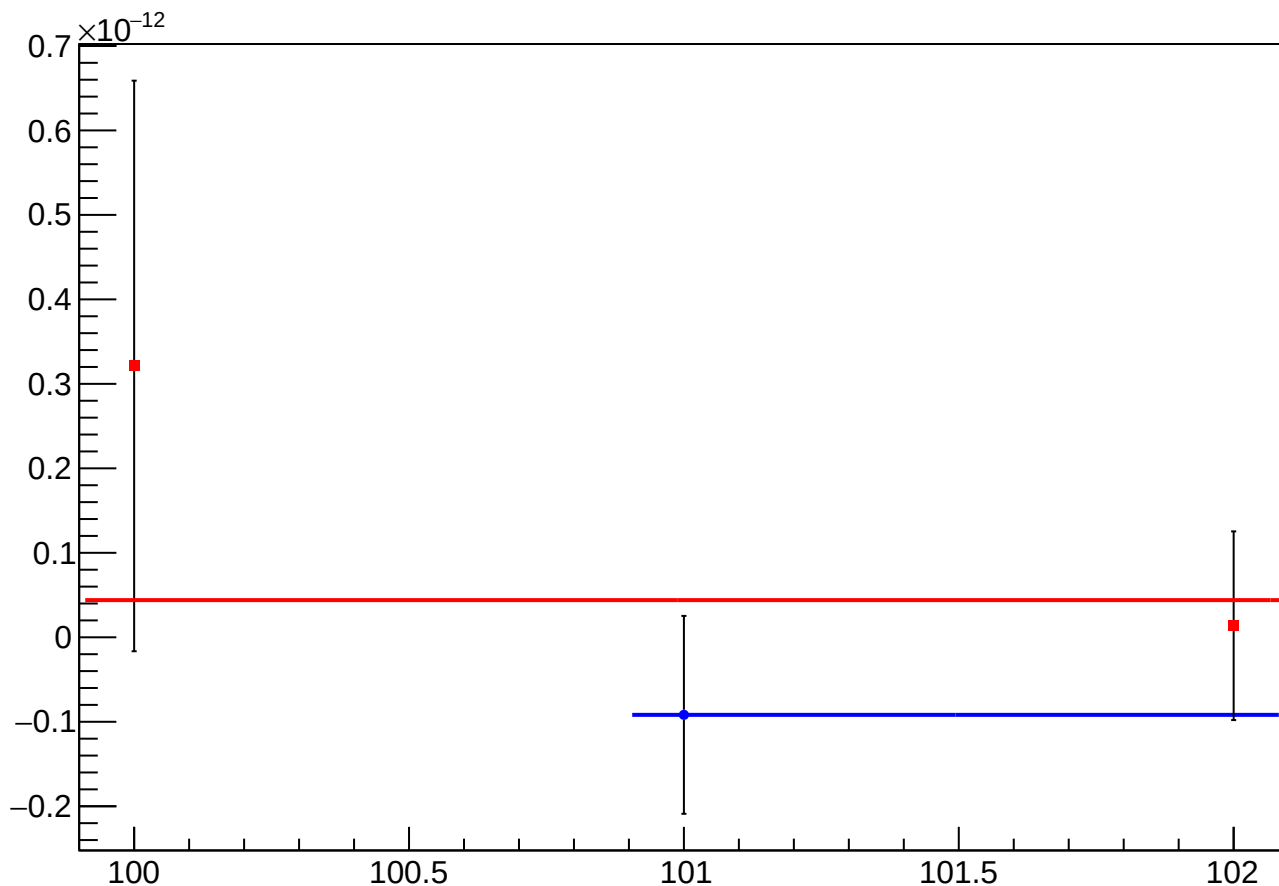
Right: 228.290 $\pm$ 0.166 χ^2 /NDF: 144845.7/2

In: 201.593 $\pm$ 0.184 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 228.290 $\pm$ 0.166 χ^2 /NDF: 144845.7/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

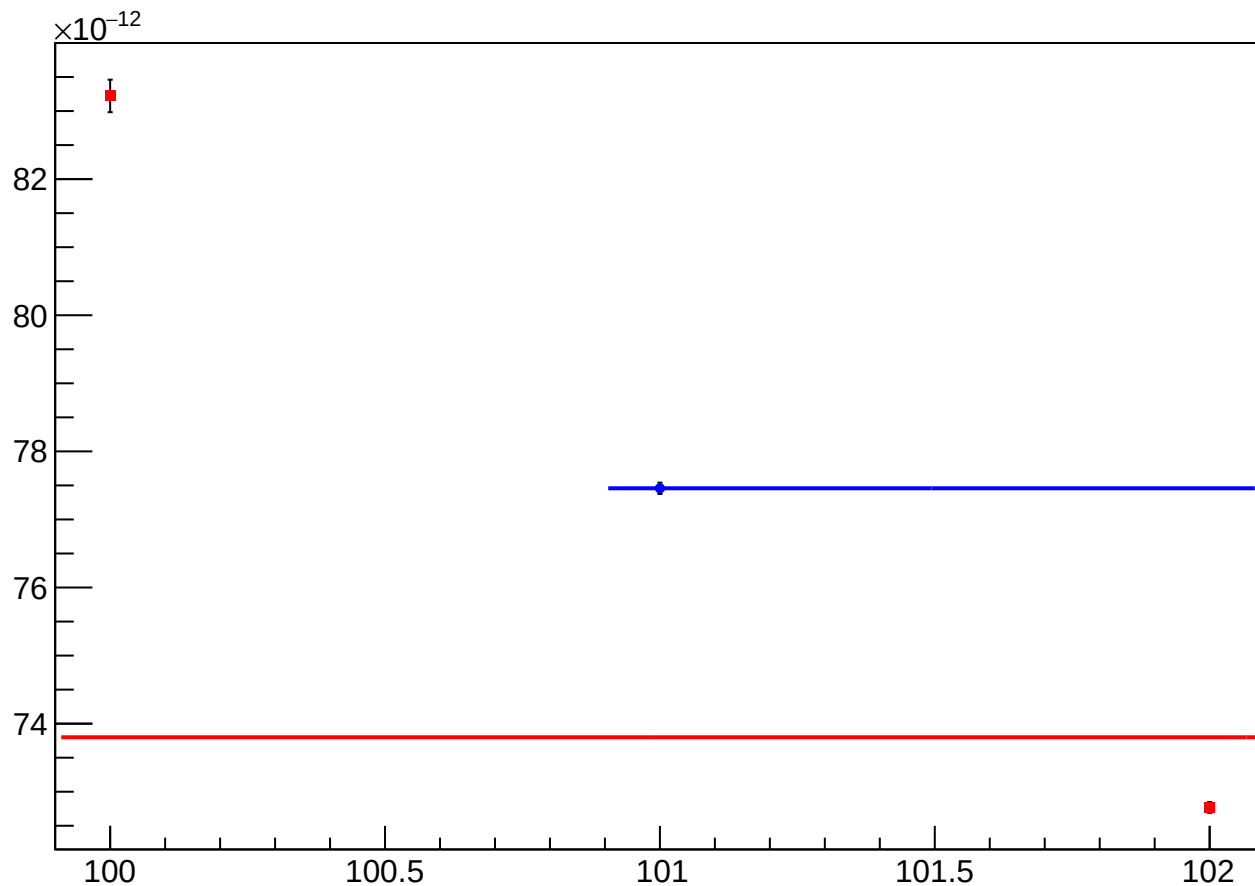
Right: -0.000+/-0.000 χ^2/NDF : 1.5/2

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 : 1.5/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1727.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

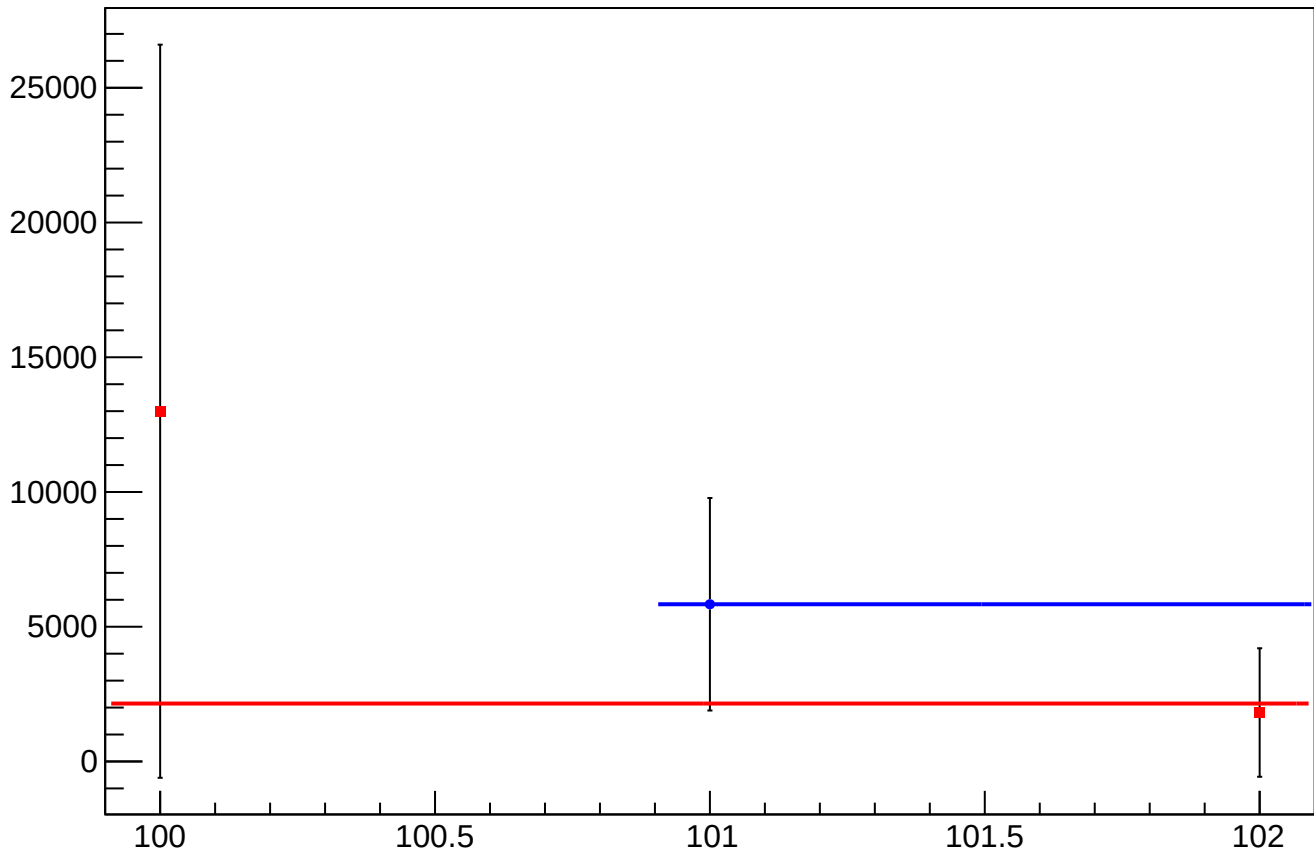
Right: 0.000+/-0.000 χ^2/NDF : 2799.6/2

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 : 2799.6/2

reg_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5834.492+/-3943.327 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2149.961+/-2348.811 χ^2/NDF : 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

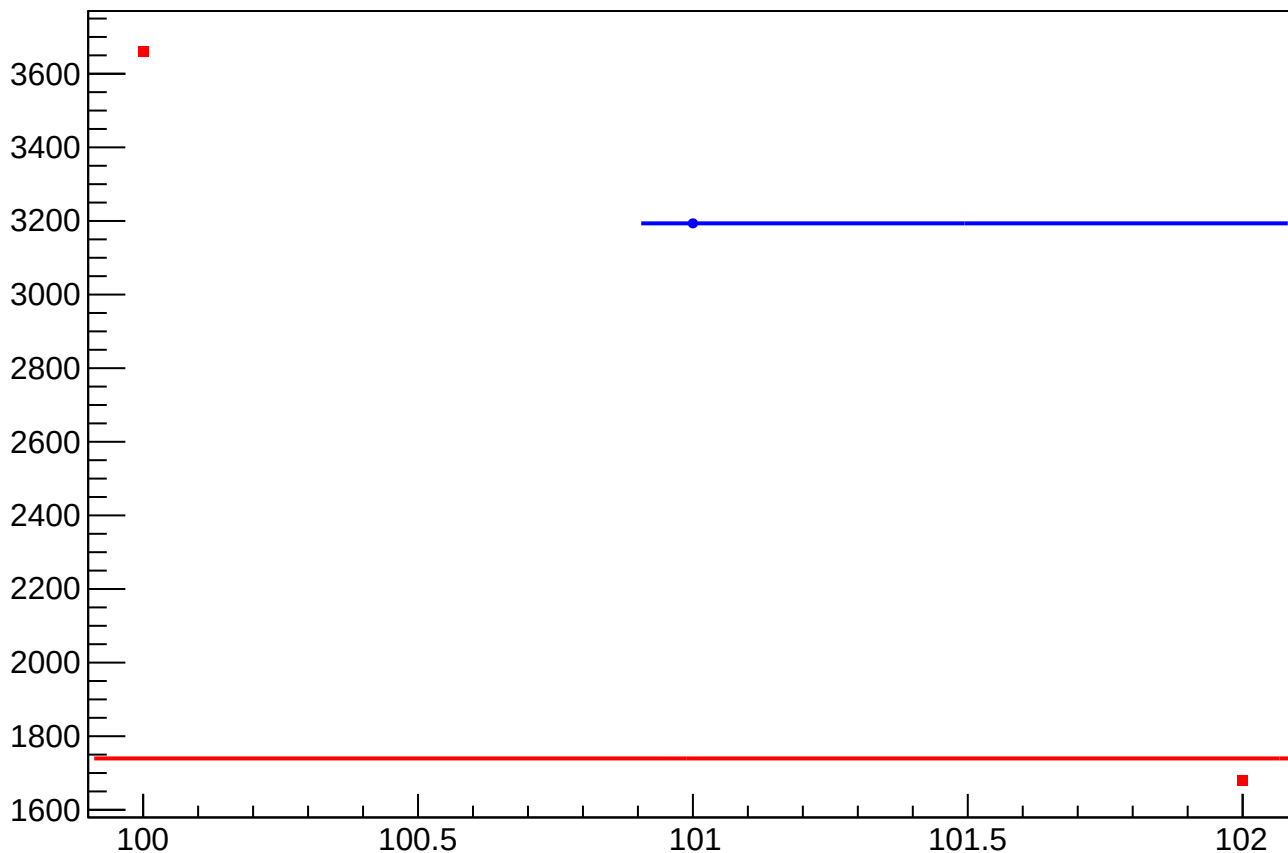
Right: 3114.859+/-2017.959 χ^2/NDF : 1.3/2

In: 5834.492+/-3943.327 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3114.859+/-2017.959 χ^2/NDF : 1.3/2

reg_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3193.505 $\pm$ 2.788 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1739.595 $\pm$ 1.661 χ^2/NDF : 41138.9/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

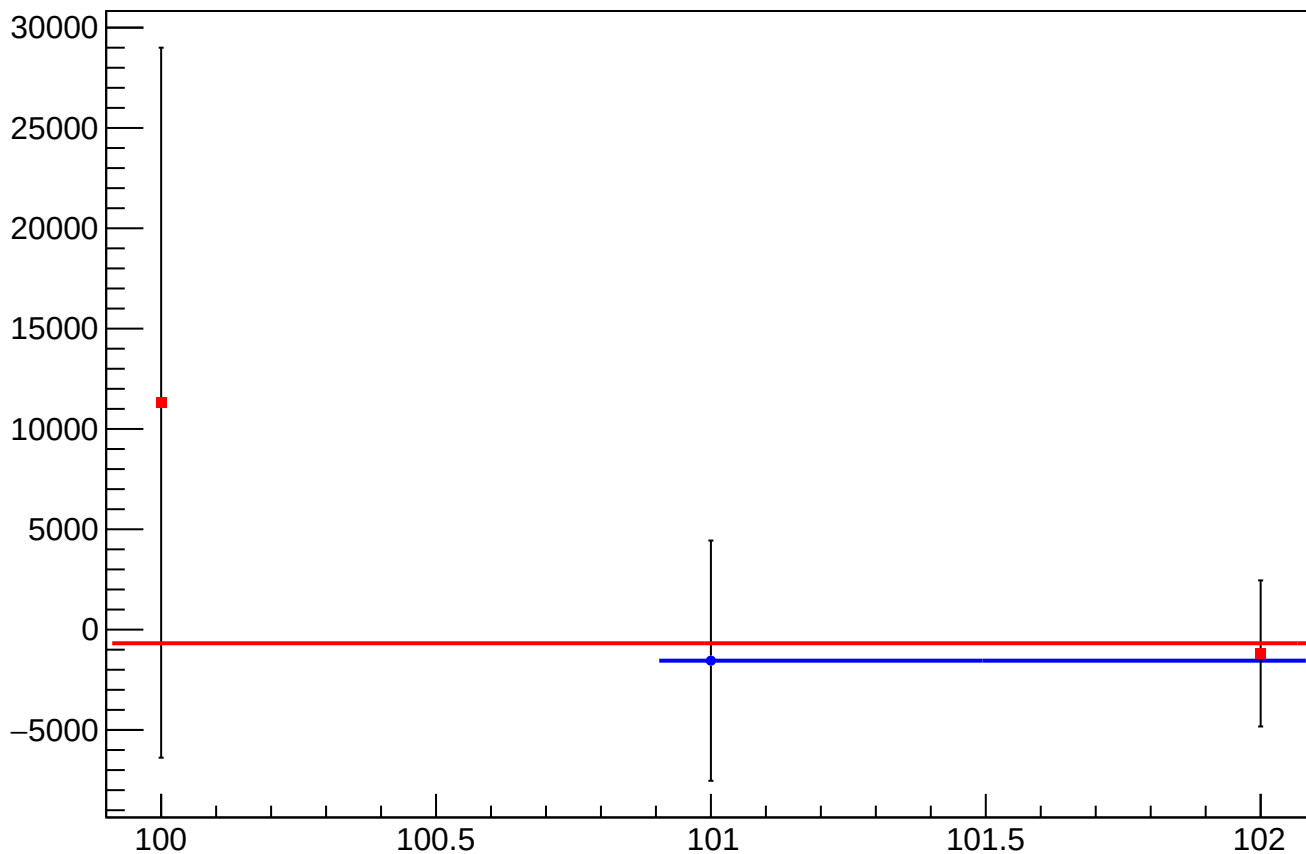
Right: 2120.305 $\pm$ 1.427 χ^2/NDF : 241827.4/2

In: 3193.505 $\pm$ 2.788 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 2120.305 $\pm$ 1.427 χ^2/NDF : 241827.4/2

asym_atl_avg_atr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1547.897+/-5986.215 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -679.942+/-3565.249 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

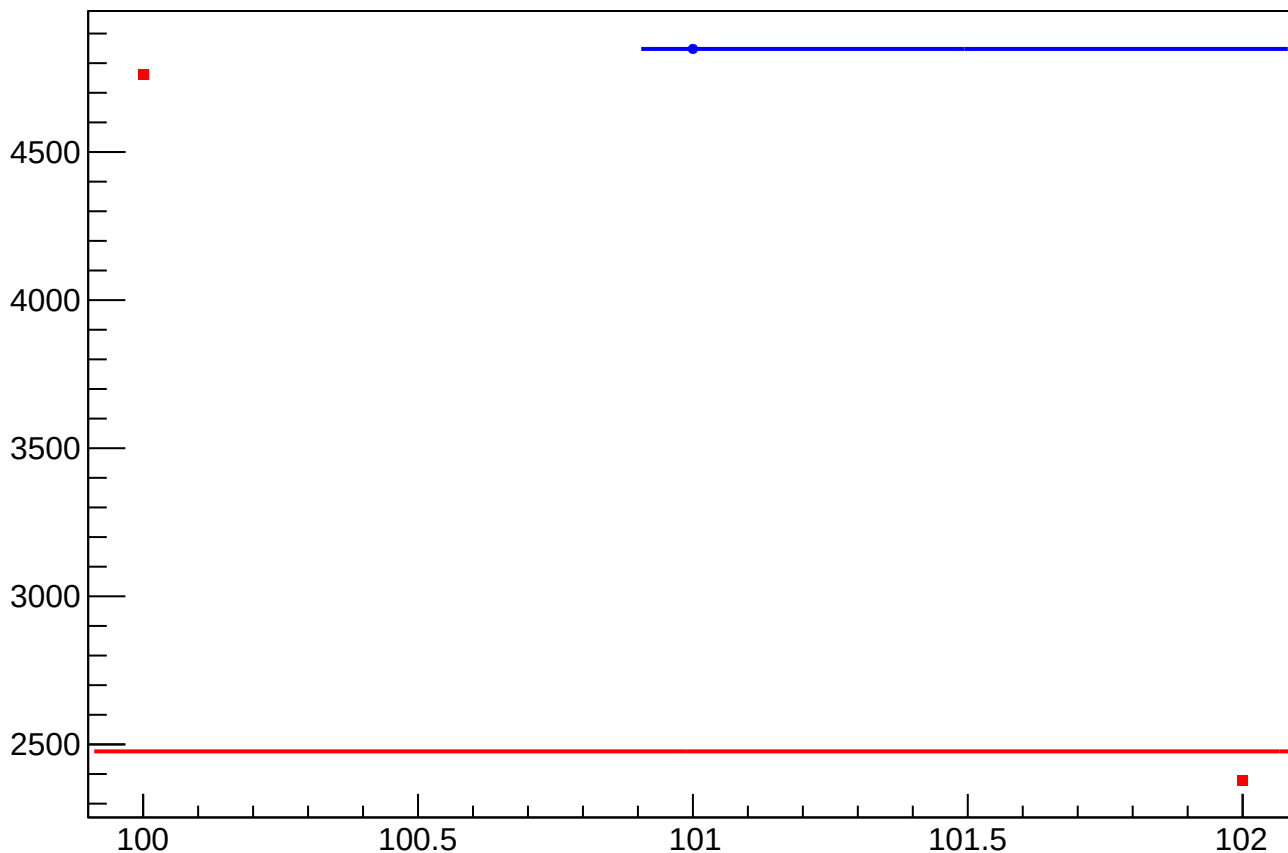
Right: -907.203+/-3063.138 χ^2/NDF : 0.5/2

In: -1547.897+/-5986.215 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -907.203+/-3063.138 χ^2/NDF : 0.5/2

asym_atl_avg_atr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 4848.081+/-4.233 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2476.452+/-2.521 χ^2/NDF : 34791.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

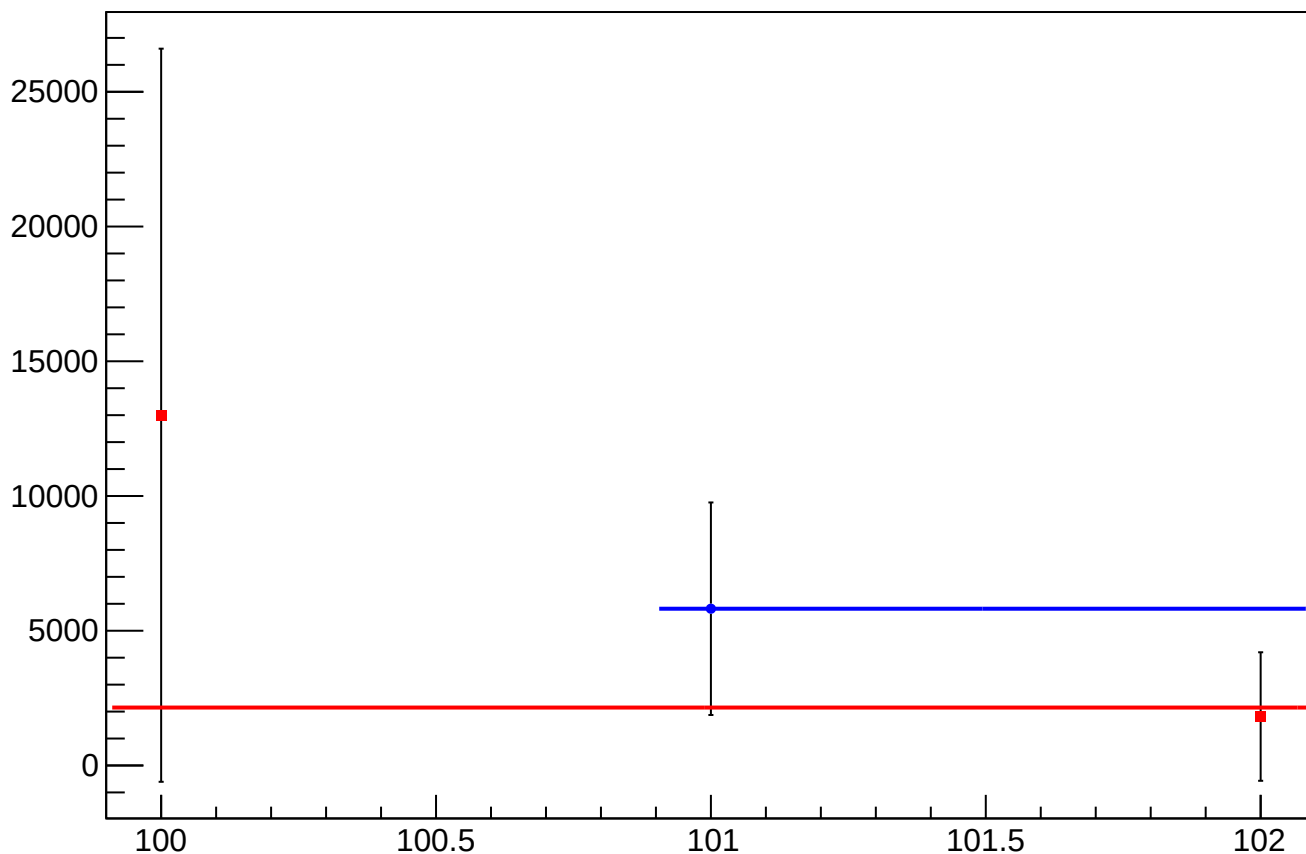
Right: 3097.428+/-2.166 χ^2/NDF : 266515.8/2

In: 4848.081+/-4.233 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3097.428+/-2.166 χ^2/NDF : 266515.8/2

cor_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5817.043+/-3943.346 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2149.649+/-2348.813 χ^2/NDF : 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

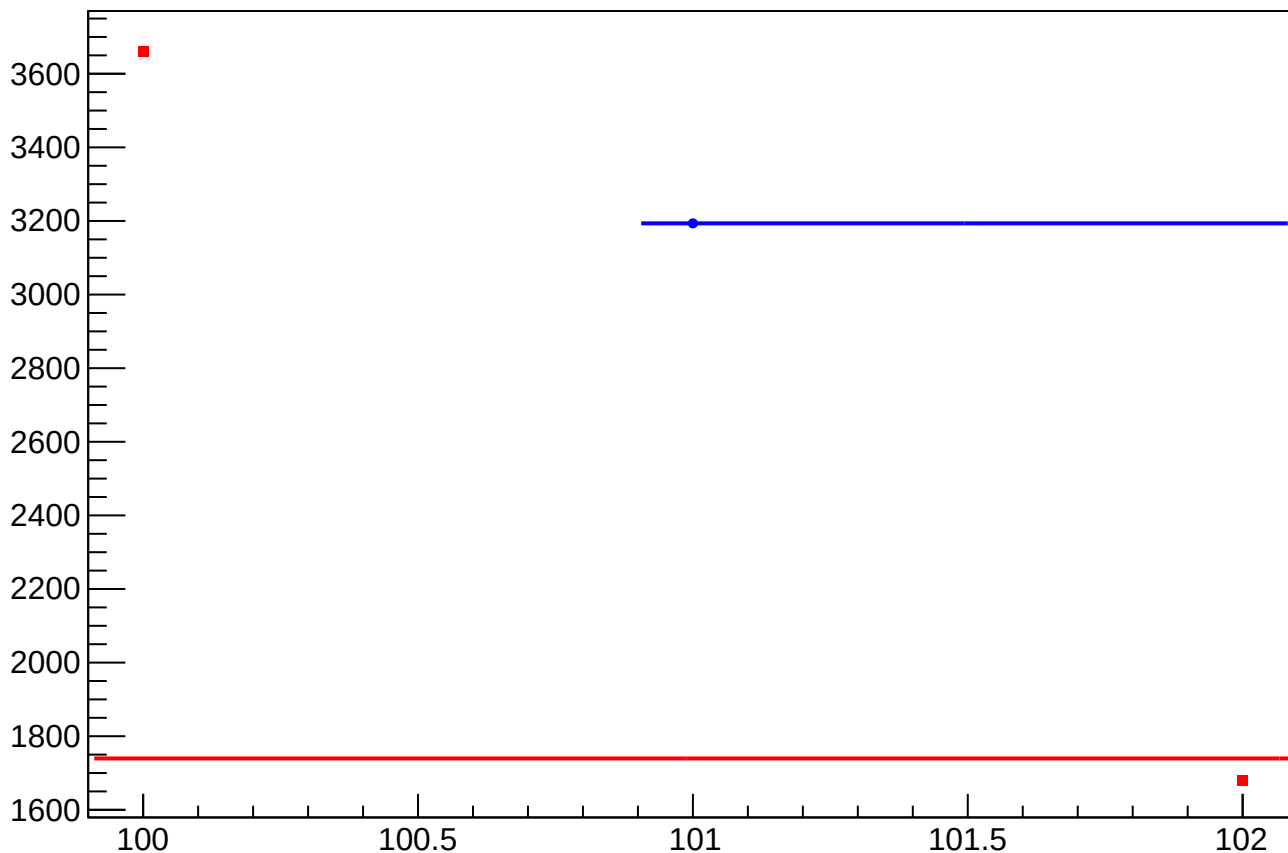
Right: 3110.053+/-2017.962 χ^2/NDF : 1.3/2

In: 5817.043+/-3943.346 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3110.053+/-2017.962 χ^2/NDF : 1.3/2

cor_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3193.516+/-2.788 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1739.592+/-1.661 χ^2/NDF : 41139.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

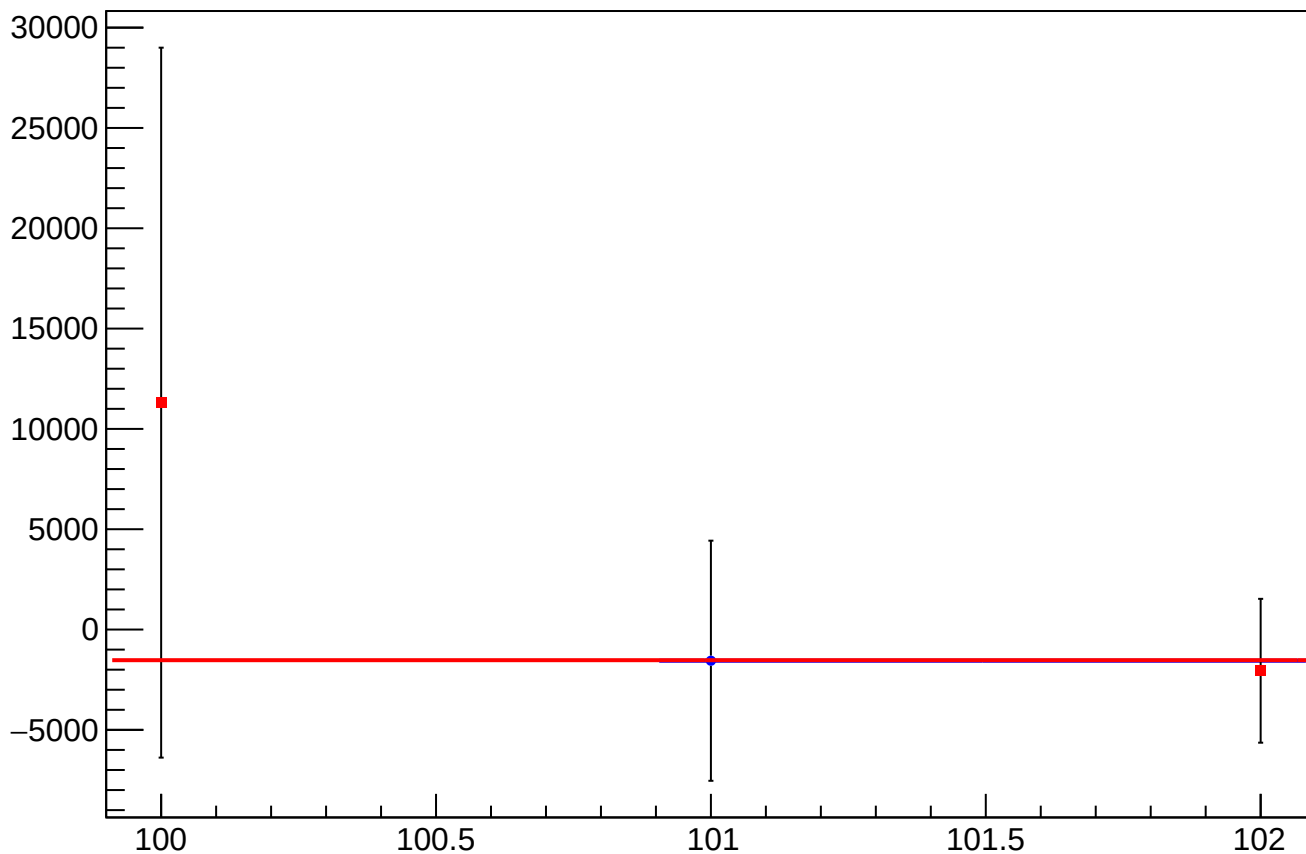
Right: 2120.304+/-1.427 χ^2/NDF : 241829.8/2

In: 3193.516+/-2.788 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2120.304+/-1.427 χ^2/NDF : 241829.8/2

asym_atl_avg_atr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1554.903±/-5984.004 χ^2 /NDF: 0.0/0

Left Out: 0.000±/-0.000 χ^2 /NDF:0.0/0

Right Out: -1527.632±/-3513.513 χ^2 /NDF: 0.5/1

Left In: 0.000±/-0.000 χ^2 /NDF:0.0/0

Left: 0.000±/-0.000 χ^2 /NDF: 0.0/0

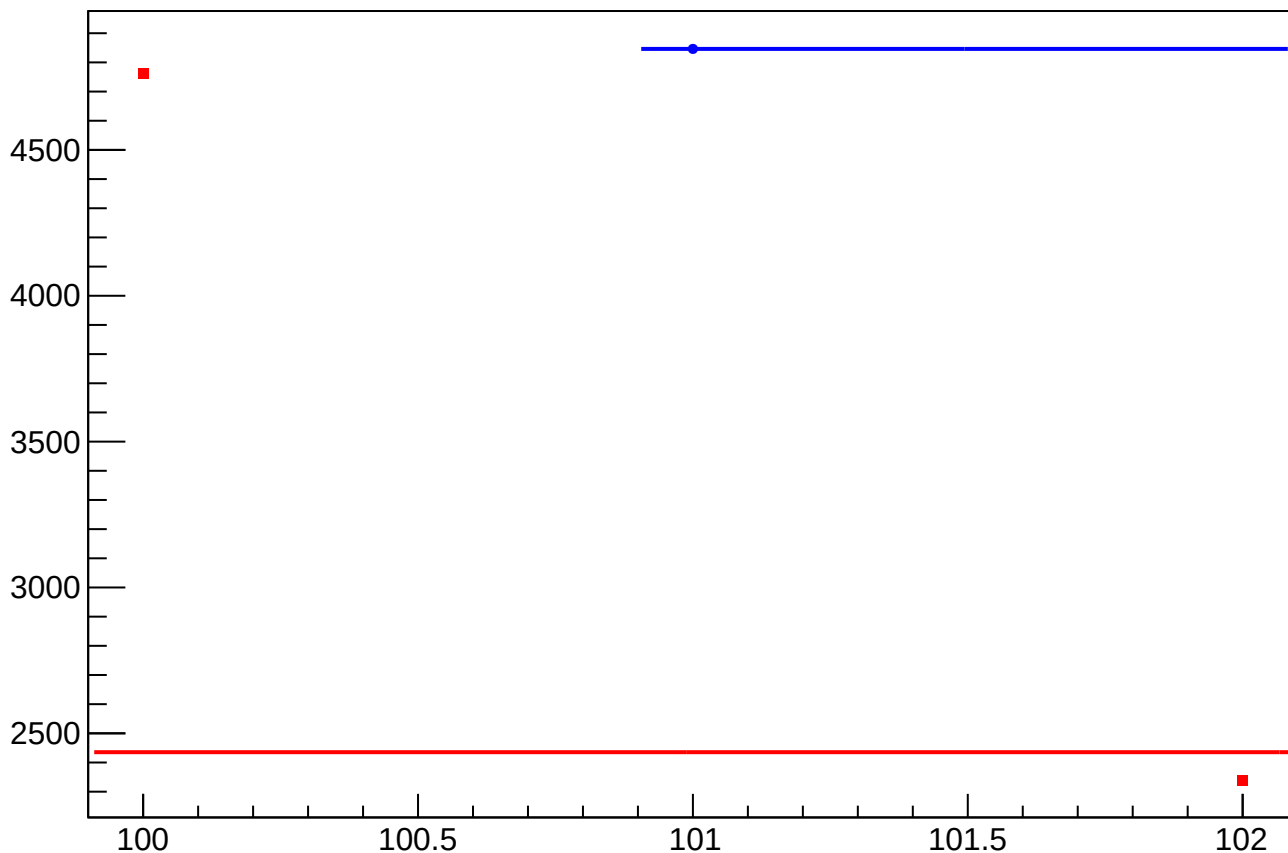
Right: -1534.623±/-3029.852 χ^2 /NDF: 0.5/2

In: -1554.903±/-5984.004 χ^2 /NDF:0.0/0

Out: 0.000±/-0.000 χ^2 /NDF:0.0/0

All: -1534.623±/-3029.852 χ^2 /NDF: 0.5/2

asym_atl_avg_atr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 4846.246 $\pm$ 4.231 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2435.353 $\pm$ 2.484 χ^2 /NDF: 36009.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

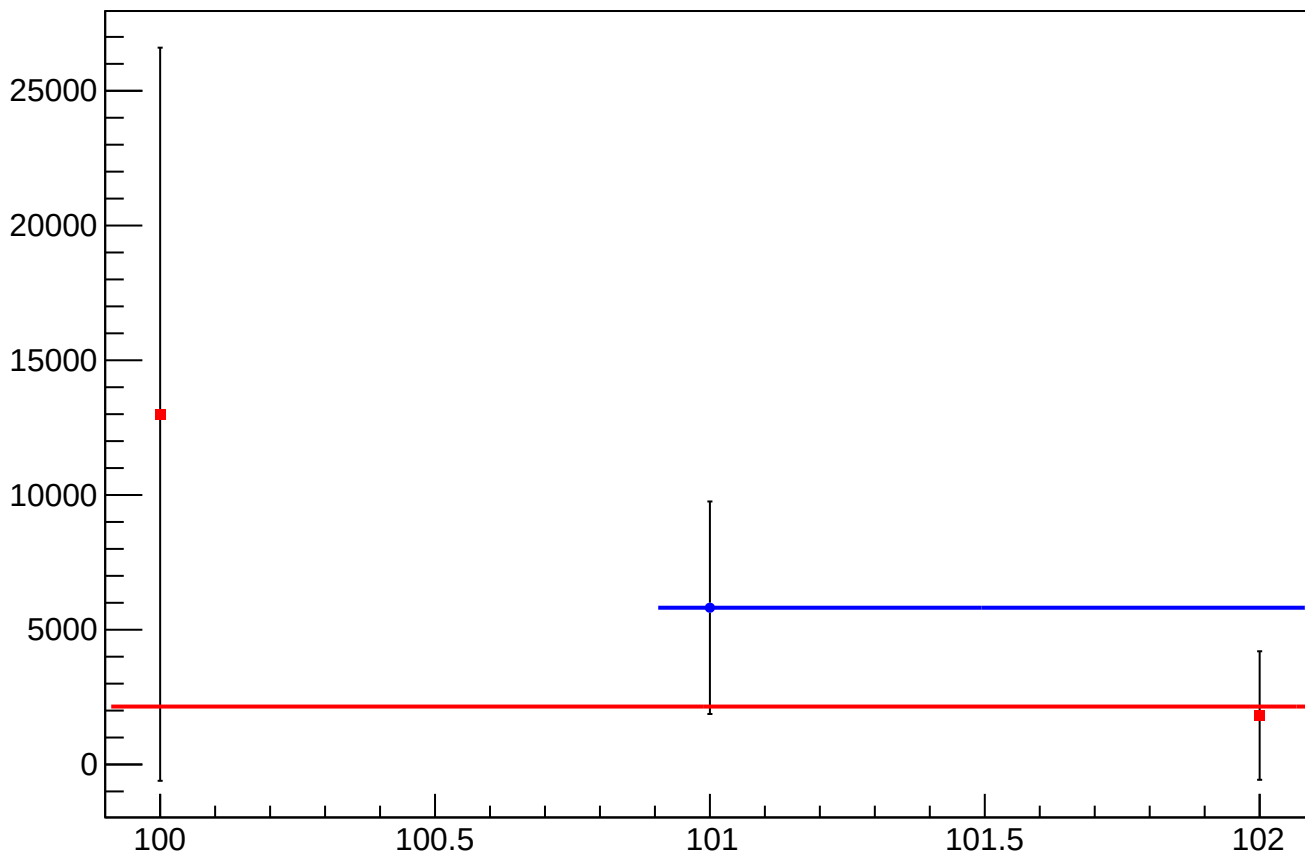
Right: 3053.422 $\pm$ 2.142 χ^2 /NDF: 277423.4/2

In: 4846.246 $\pm$ 4.231 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3053.422 $\pm$ 2.142 χ^2 /NDF: 277423.4/2

eigen_cor_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5817.043+/-3943.346 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2149.649+/-2348.813 χ^2/NDF : 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

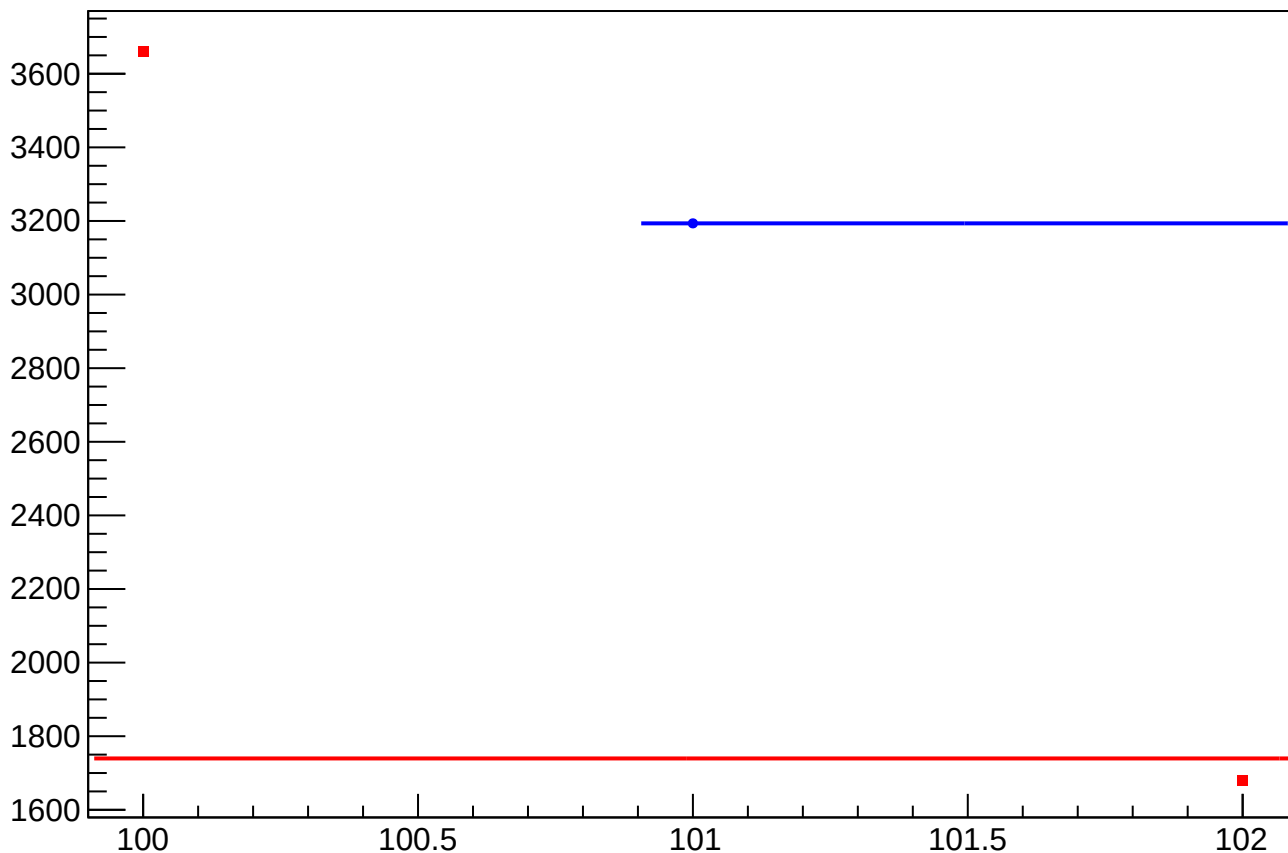
Right: 3110.053+/-2017.962 χ^2/NDF : 1.3/2

In: 5817.043+/-3943.346 χ^2/NDF :0.0/0

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3110.053+/-2017.962 χ^2/NDF : 1.3/2

eigen_cor_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3193.516 $\pm$ 2.788 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1739.592 $\pm$ 1.661 χ^2 /NDF: 41139.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

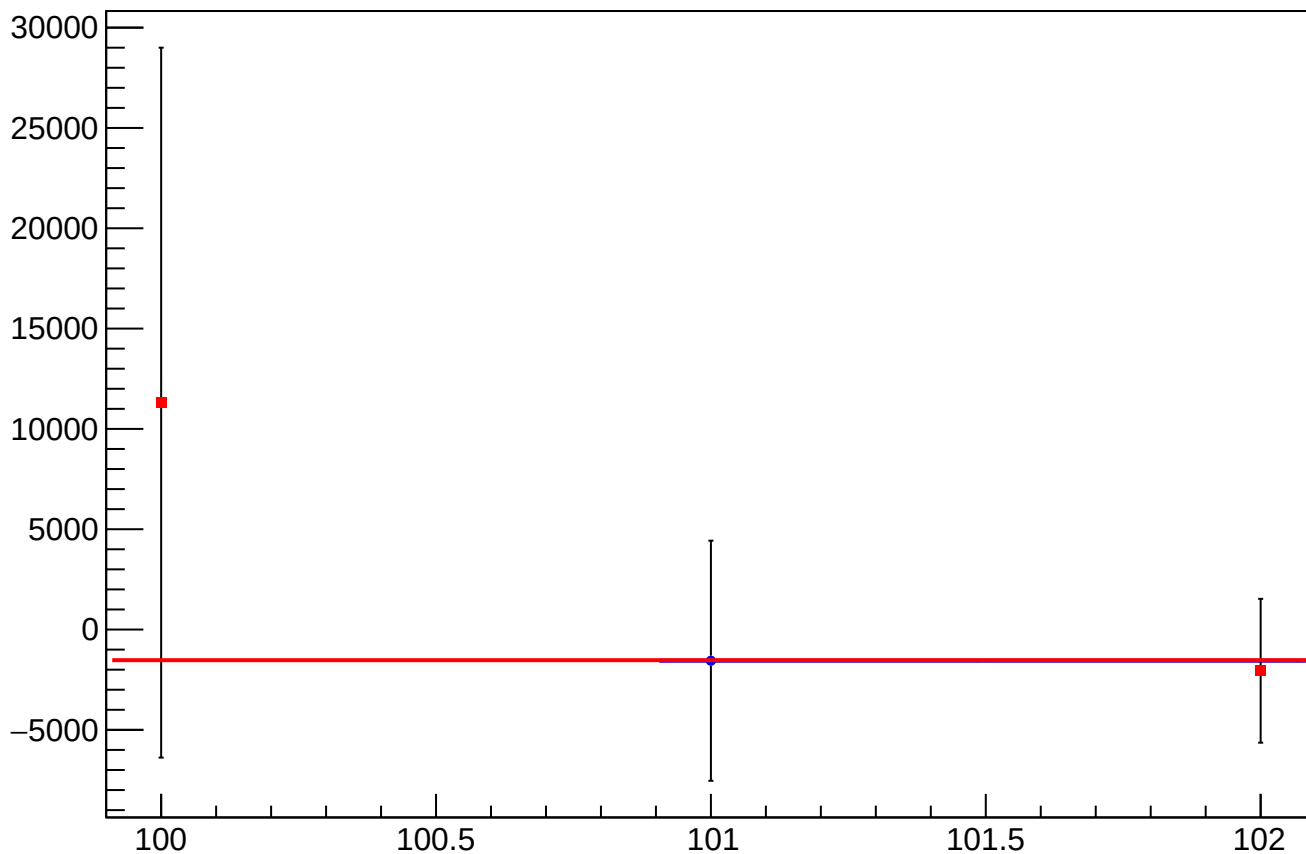
Right: 2120.304 $\pm$ 1.427 χ^2 /NDF: 241829.8/2

In: 3193.516 $\pm$ 2.788 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2120.304 $\pm$ 1.427 χ^2 /NDF: 241829.8/2

asym_atl_avg_atr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1554.903+/-5984.004 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1527.632+/-3513.513 χ^2 /NDF: 0.5/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

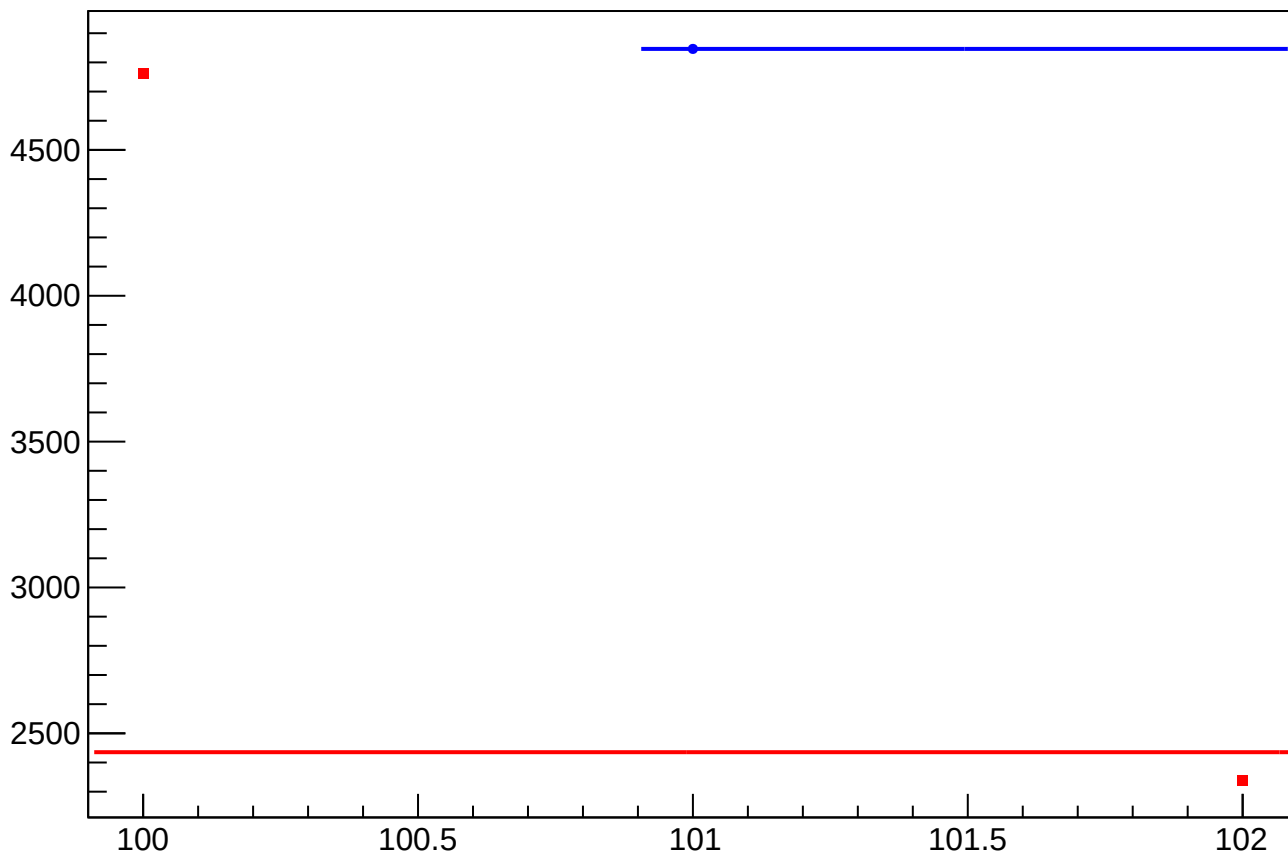
Right: -1534.623+/-3029.852 χ^2 /NDF: 0.5/2

In: -1554.903+/-5984.004 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1534.623+/-3029.852 χ^2 /NDF: 0.5/2

asym_atl_avg_atr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4846.246+/-4.231 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2435.353+/-2.484 χ^2/NDF : 36009.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

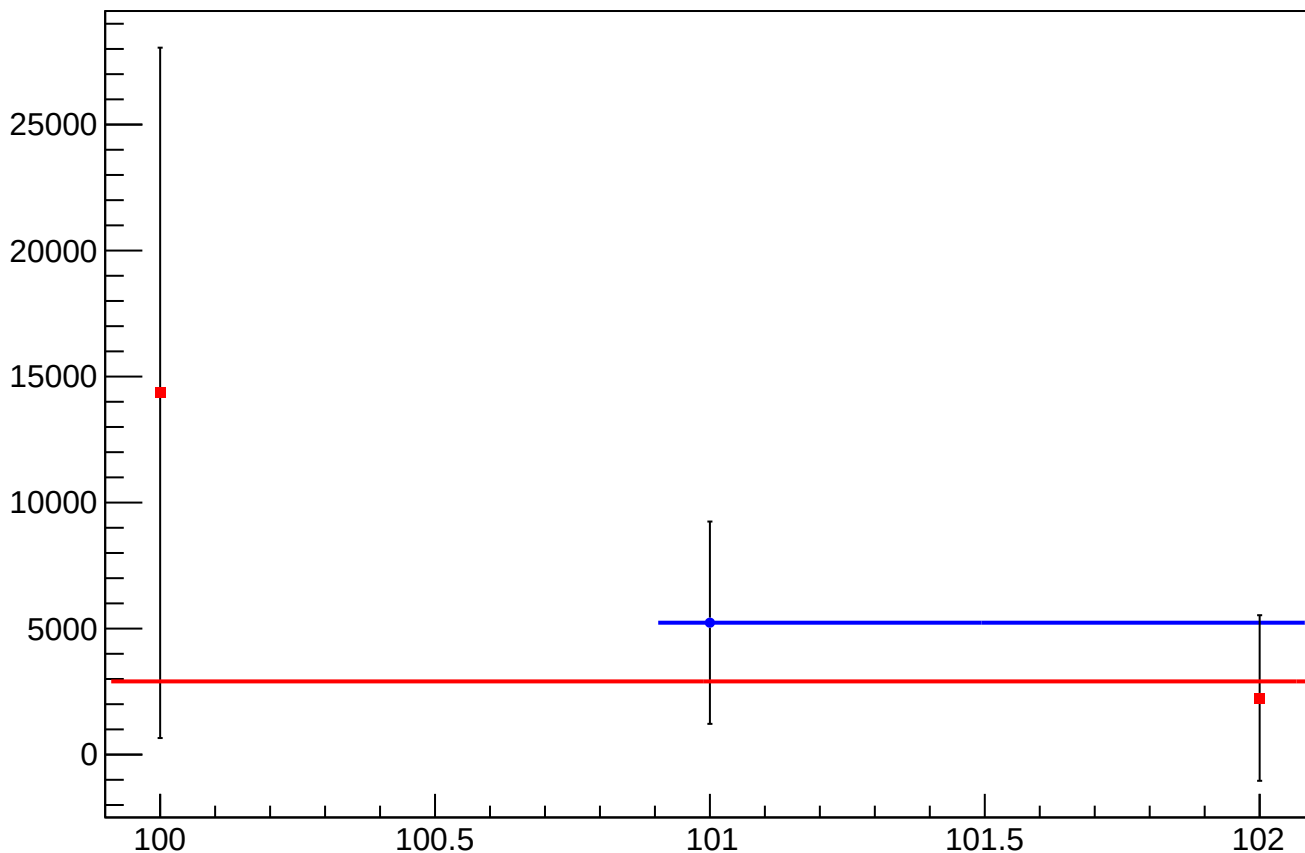
Right: 3053.422+/-2.142 χ^2/NDF : 277423.4/2

In: 4846.246+/-4.231 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3053.422+/-2.142 χ^2/NDF : 277423.4/2

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5233.608+/-4013.898 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2904.391+/-3194.724 χ^2/NDF : 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

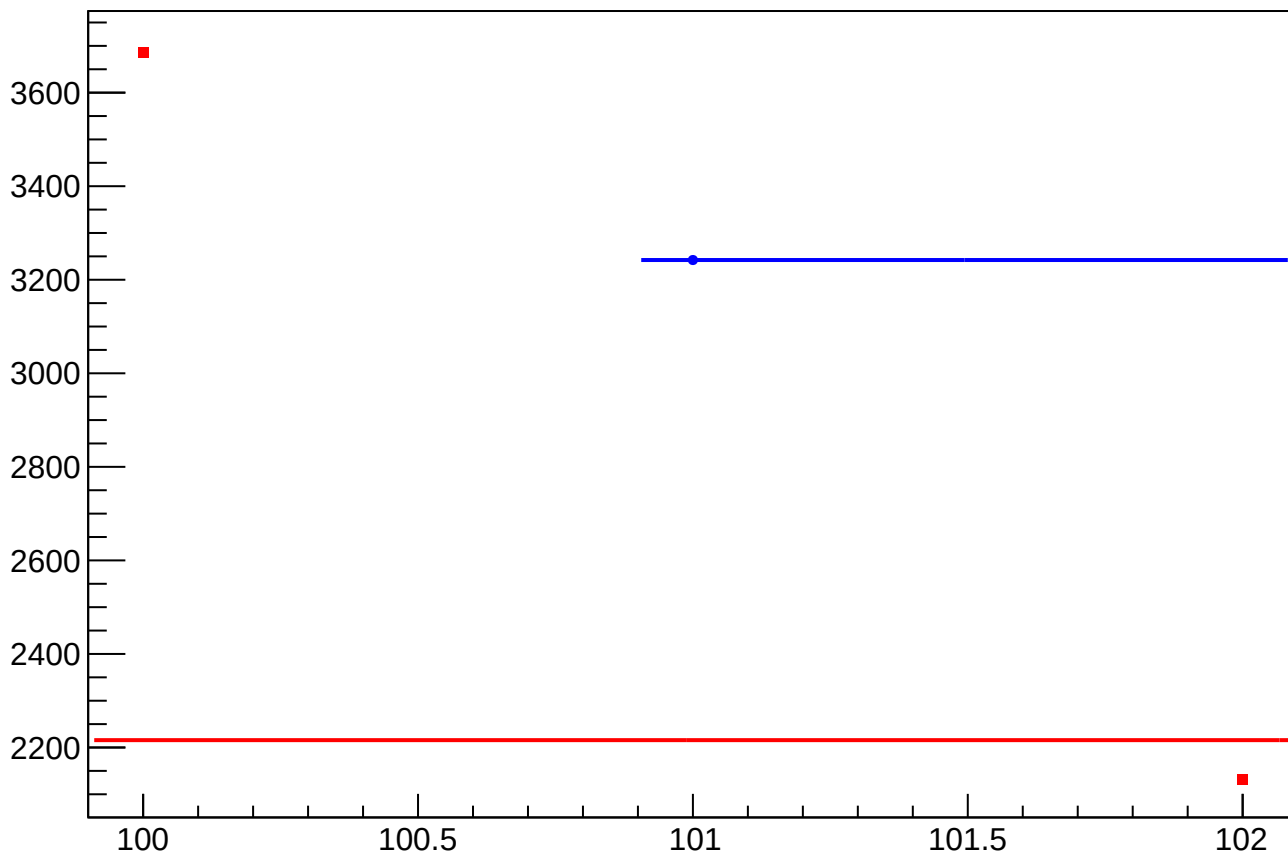
Right: 3807.686+/-2499.633 χ^2/NDF : 0.9/2

In: 5233.608+/-4013.898 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3807.686+/-2499.633 χ^2/NDF : 0.9/2

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3242.180+/-2.838 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2215.727+/-2.259 χ^2/NDF : 24386.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

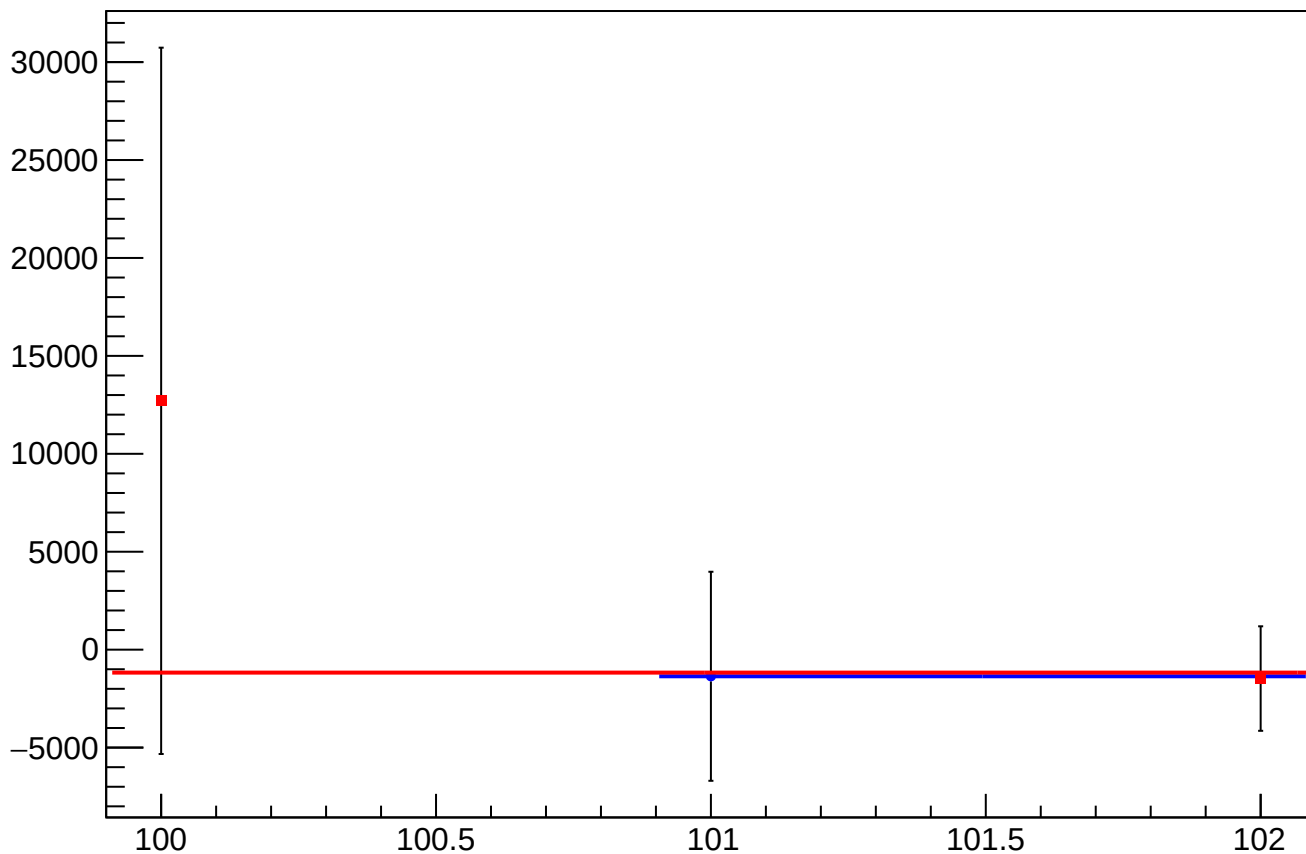
Right: 2613.739+/-1.767 χ^2/NDF : 104462.2/2

In: 3242.180+/-2.838 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2613.739+/-1.767 χ^2/NDF : 104462.2/2

asym_atl_avg_atr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1359.266+/-5336.575 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1171.789+/-2639.325 χ^2/NDF : 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

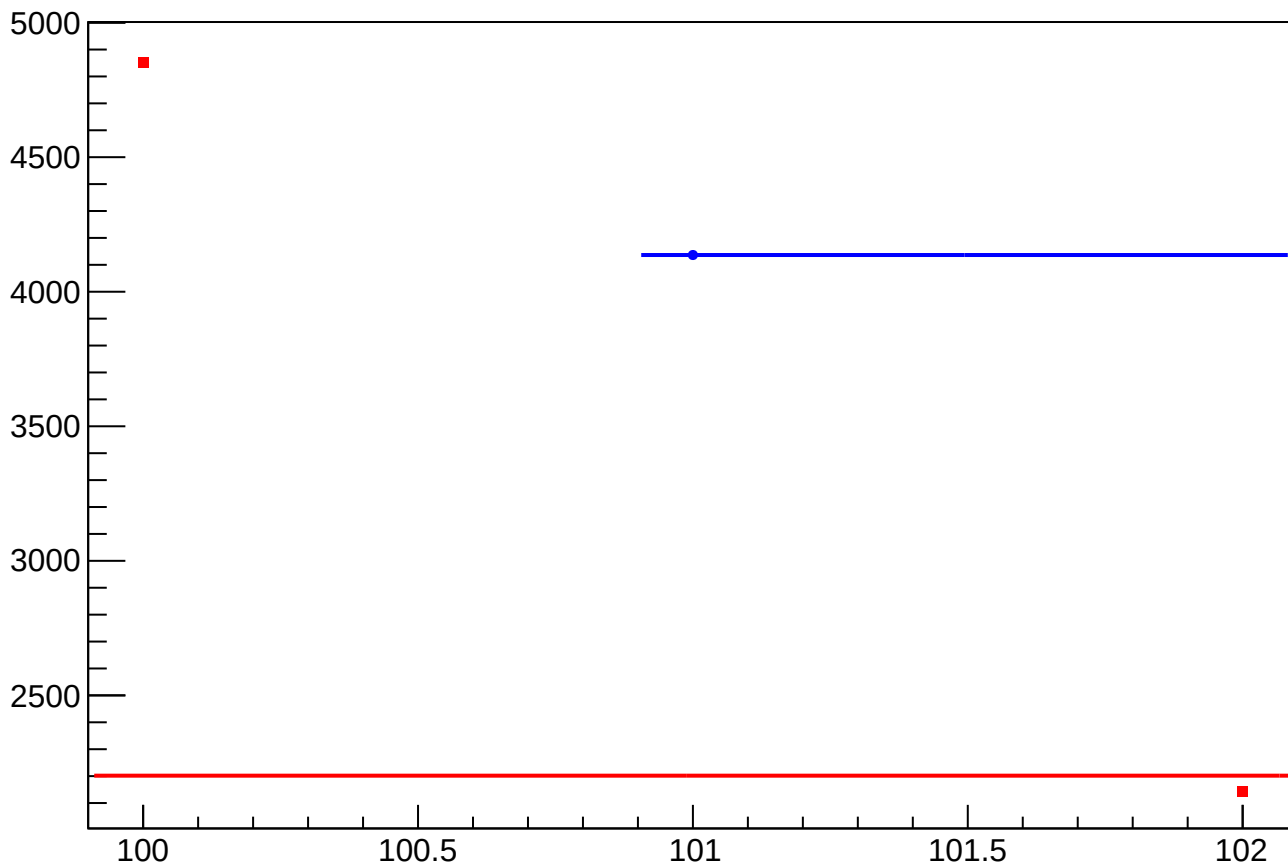
Right: -1208.634+/-2365.798 χ^2/NDF : 0.6/2

In: -1359.266+/-5336.575 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1208.634+/-2365.798 χ^2/NDF : 0.6/2

asym_atl_avg_atr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4136.457 $\pm$ 3.774 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2201.667 $\pm$ 1.866 χ^2 /NDF: 44196.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

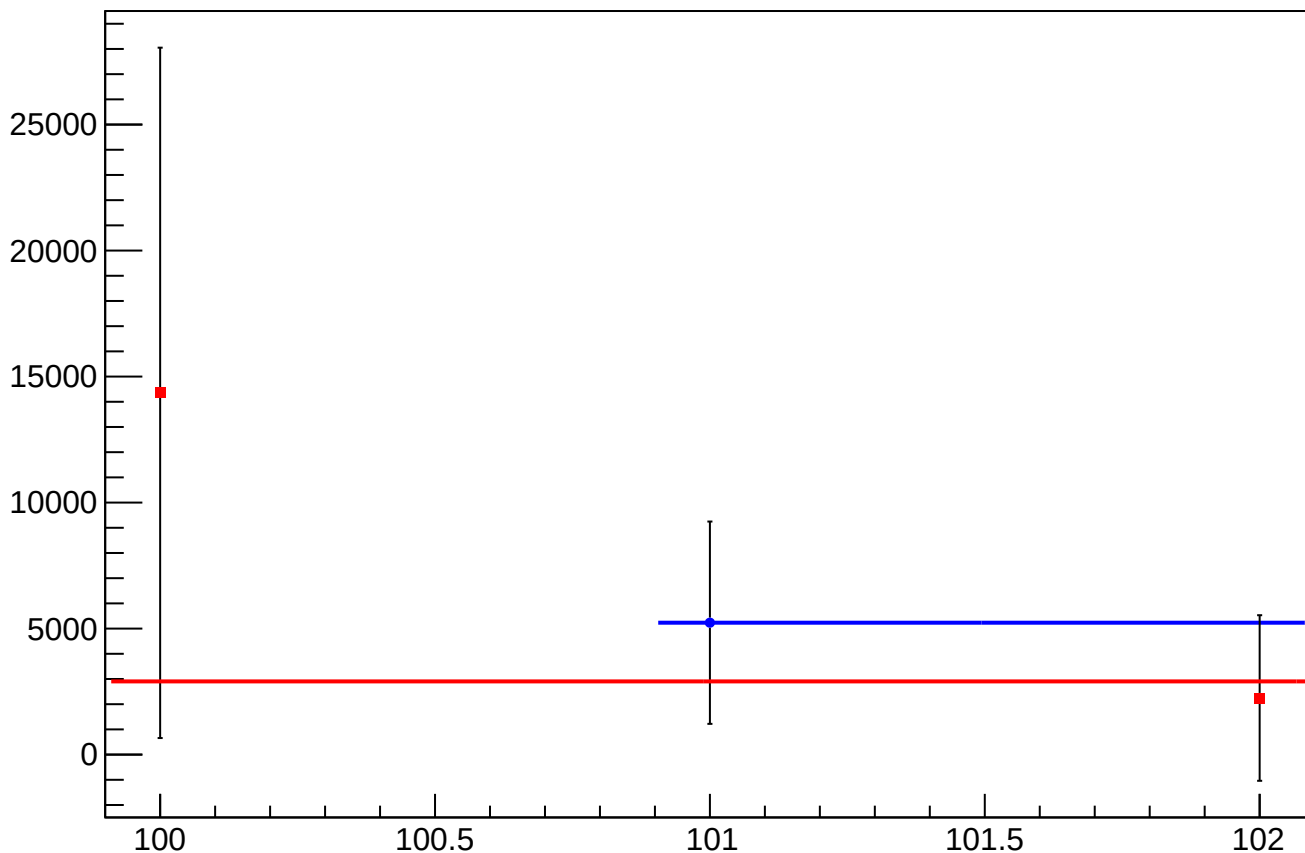
Right: 2581.912 $\pm$ 1.673 χ^2 /NDF: 255419.8/2

In: 4136.457 $\pm$ 3.774 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2581.912 $\pm$ 1.673 χ^2 /NDF: 255419.8/2

eigen_dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5233.587+/-4013.898 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2904.380+/-3194.720 χ^2/NDF : 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

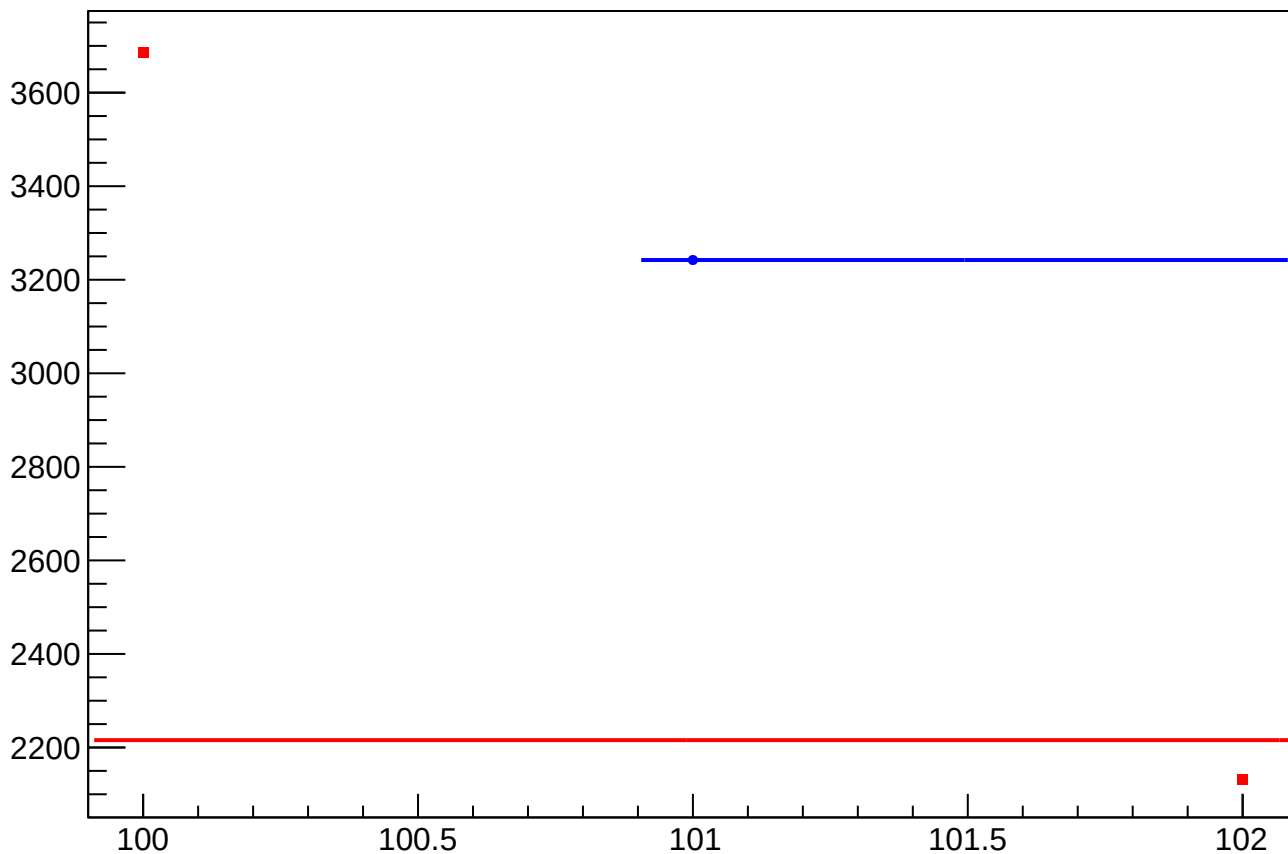
Right: 3807.670+/-2499.631 χ^2/NDF : 0.9/2

In: 5233.587+/-4013.898 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3807.670+/-2499.631 χ^2/NDF : 0.9/2

eigen_dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3242.180+/-2.838 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2215.722+/-2.259 χ^2/NDF : 24386.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

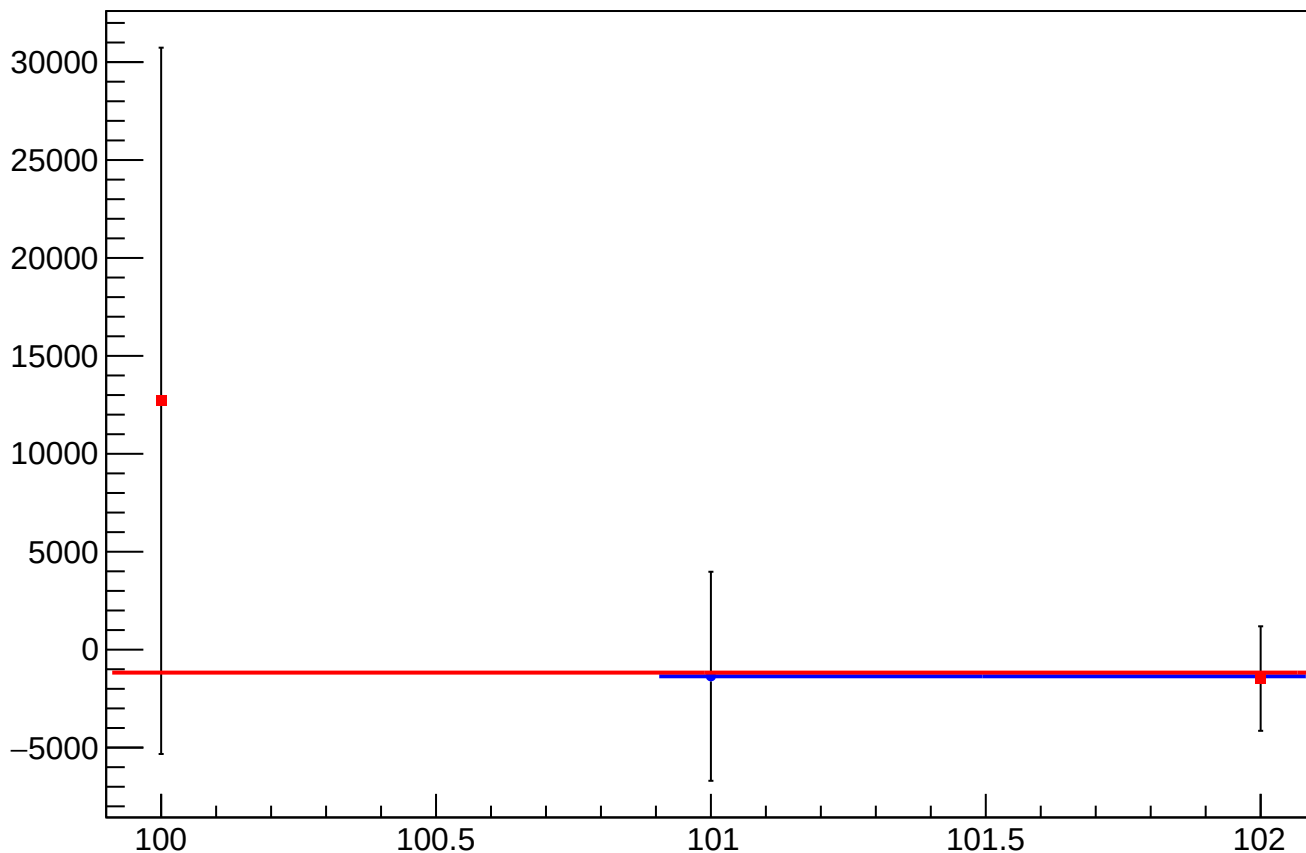
Right: 2613.736+/-1.767 χ^2/NDF : 104463.1/2

In: 3242.180+/-2.838 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2613.736+/-1.767 χ^2/NDF : 104463.1/2

asym_atl_avg_atr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1359.280+/-5336.567 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1171.784+/-2639.320 χ^2 /NDF: 0.6/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

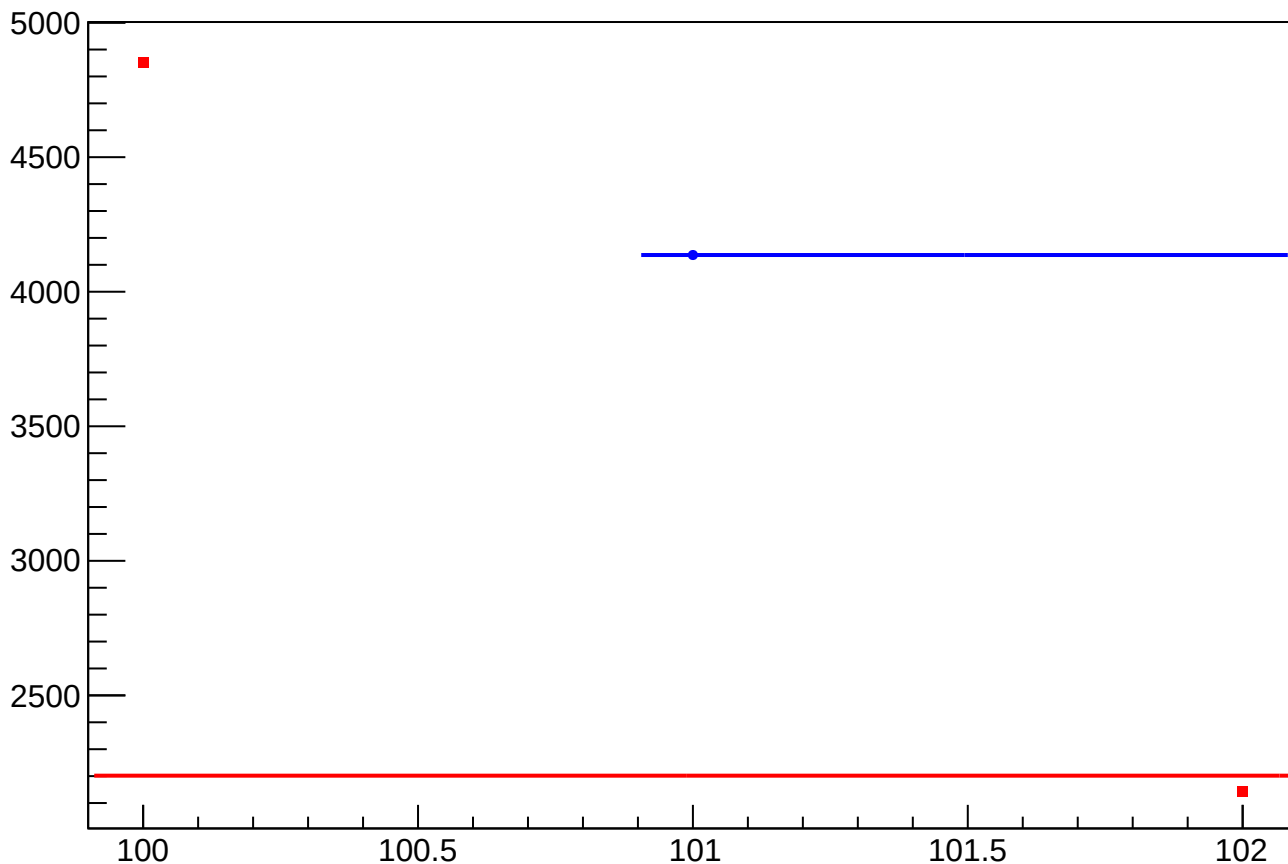
Right: -1208.633+/-2365.793 χ^2 /NDF: 0.6/2

In: -1359.280+/-5336.567 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1208.633+/-2365.793 χ^2 /NDF: 0.6/2

asym_atl_avg_atr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4136.451+/-3.774 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2201.662+/-1.866 χ^2/NDF : 44196.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

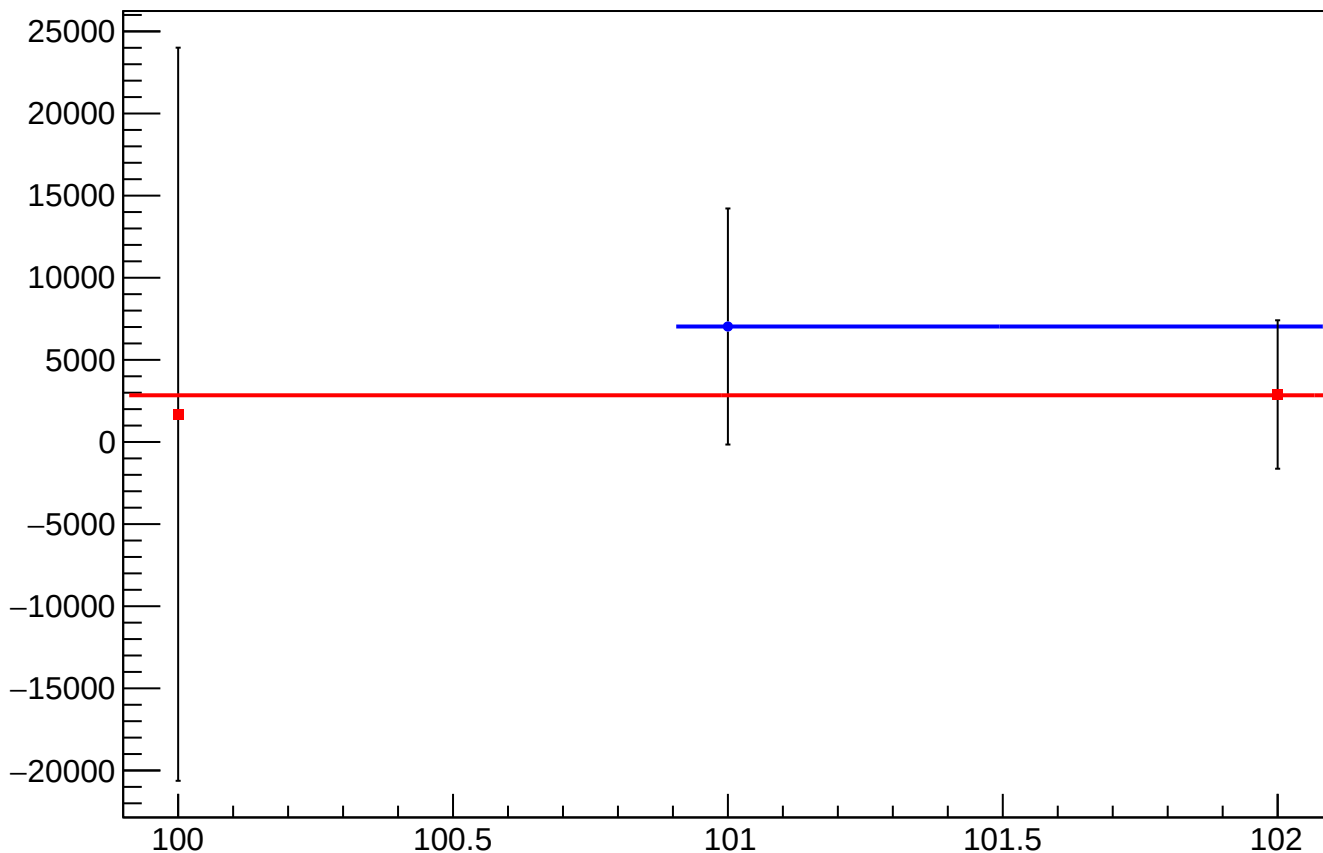
Right: 2581.907+/-1.673 χ^2/NDF : 255420.0/2

In: 4136.451+/-3.774 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2581.907+/-1.673 χ^2/NDF : 255420.0/2

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 7031.276+/-7186.621 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2843.827+/-4429.301 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

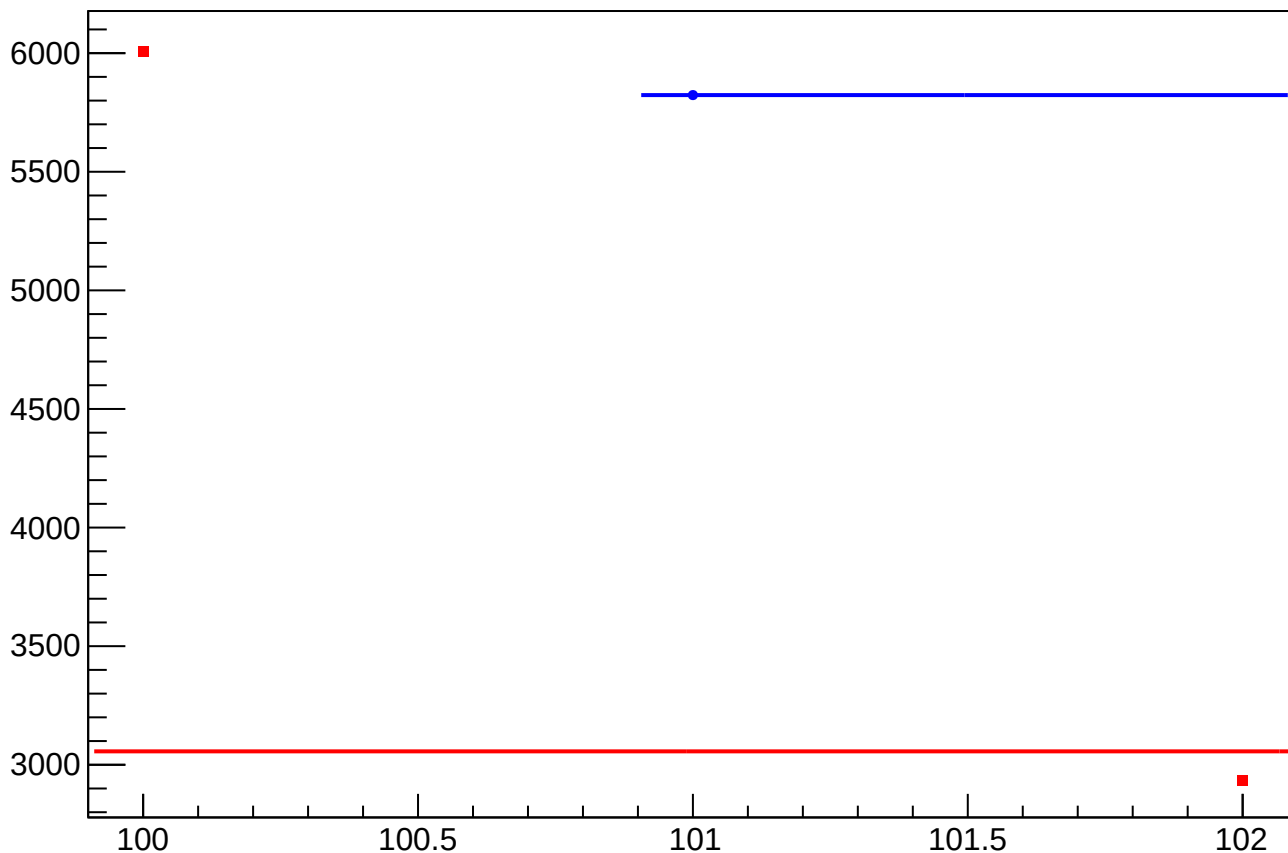
Right: 3996.580+/-3770.666 χ^2/NDF : 0.2/2

In: 7031.276+/-7186.621 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3996.580+/-3770.666 χ^2/NDF : 0.2/2

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 5823.229+/-5.082 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3056.571+/-3.131 χ^2/NDF : 36391.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

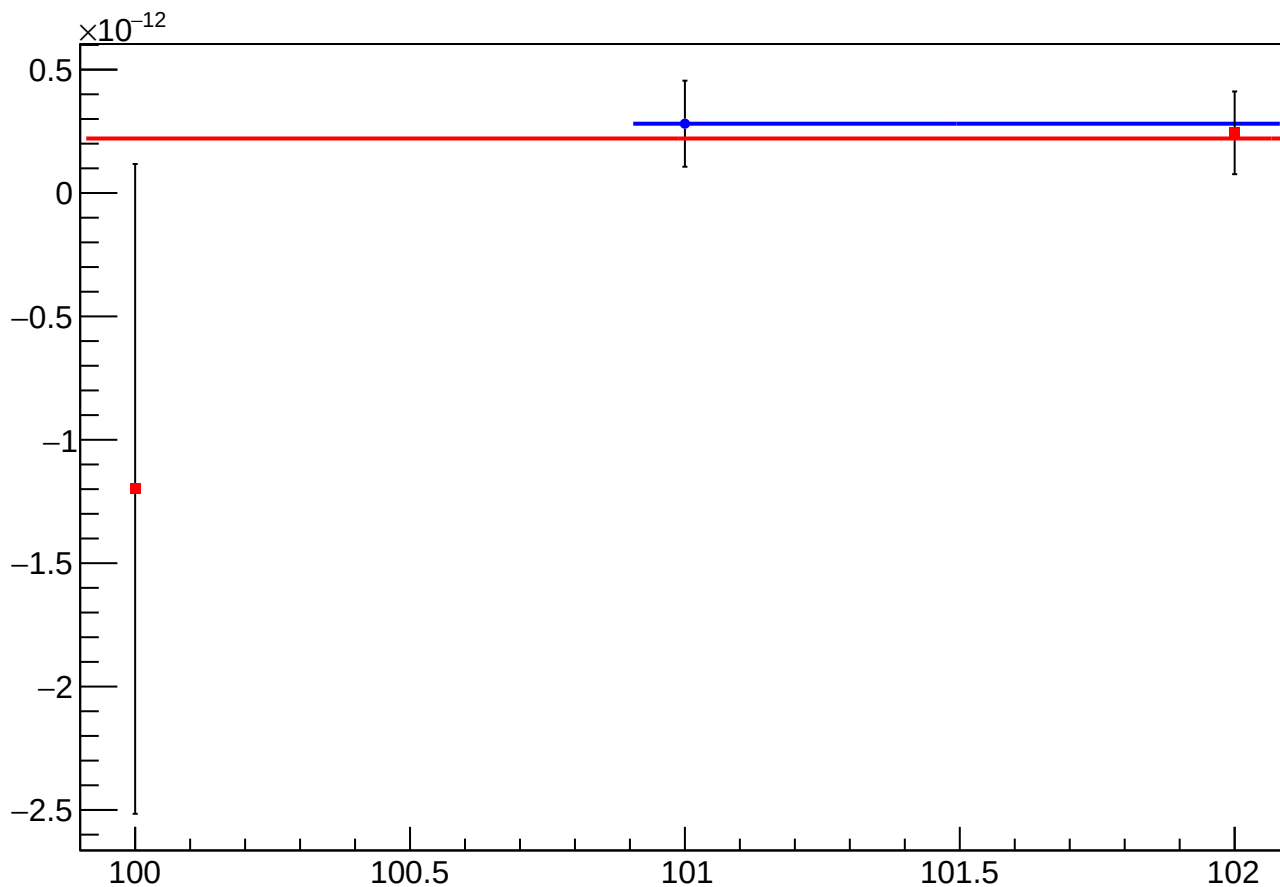
Right: 3817.962+/-2.666 χ^2/NDF : 251228.3/2

In: 5823.229+/-5.082 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3817.962+/-2.666 χ^2/NDF : 251228.3/2

asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_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 : 1.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

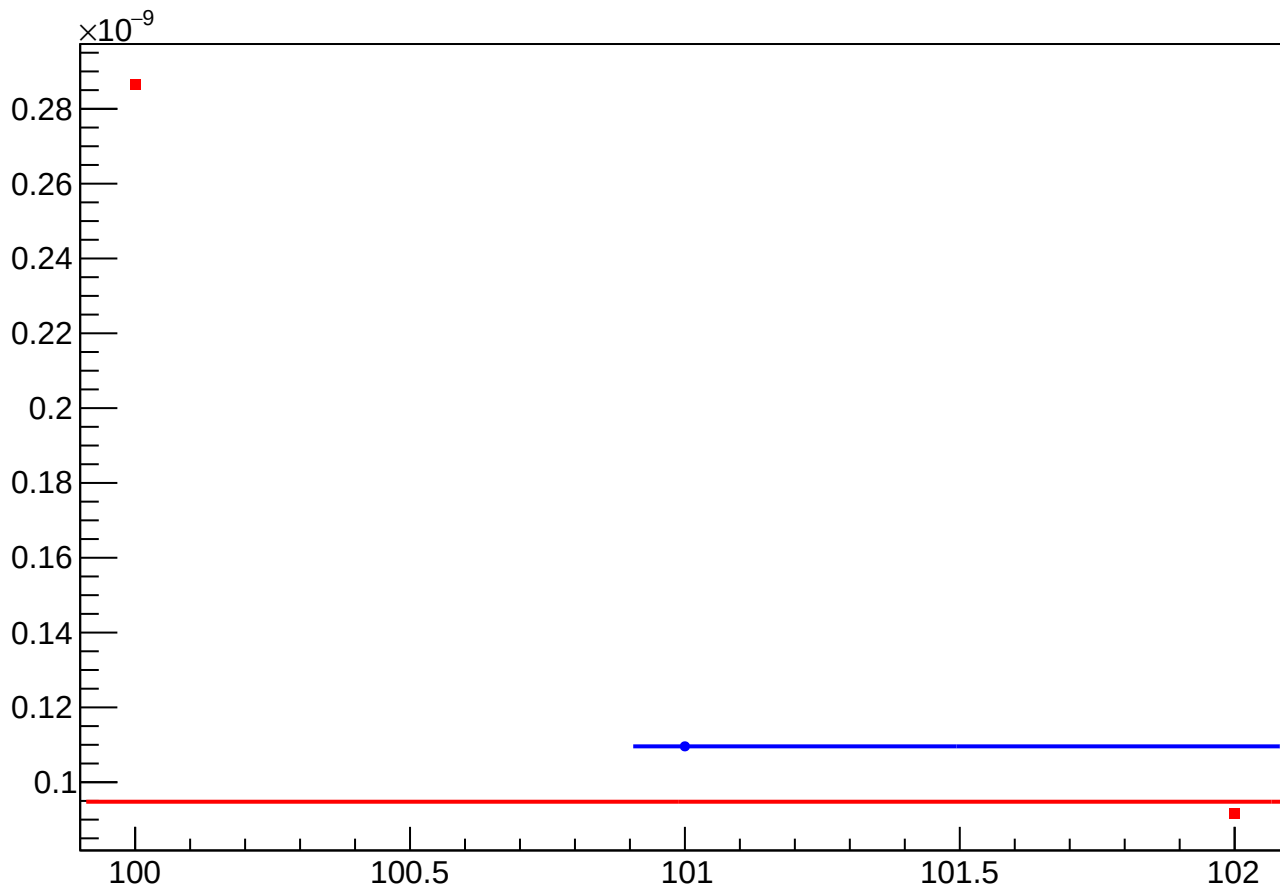
Right: 0.000+/-0.000 χ^2/NDF : 1.2/2

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 : 1.2/2

asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_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: 43144.2/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

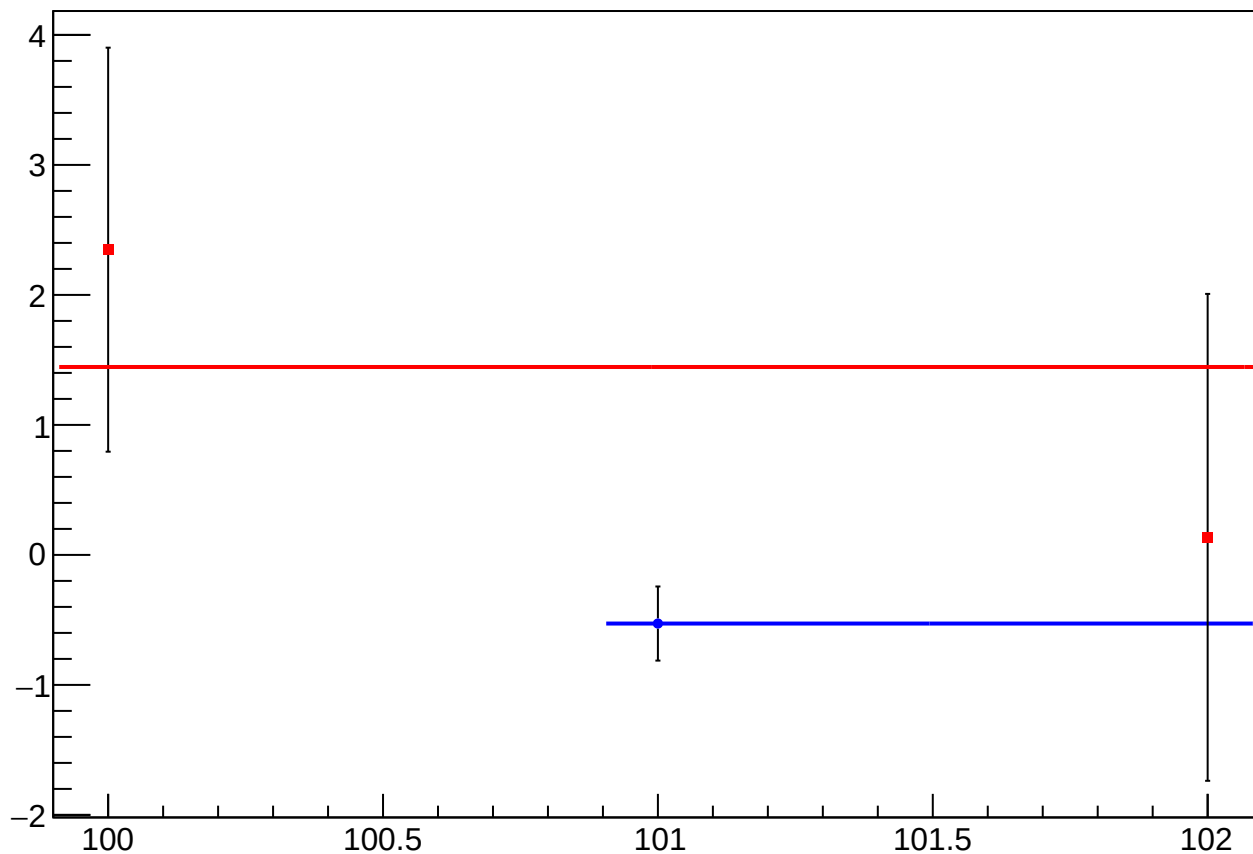
Right: 0.000+/-0.000 χ^2 /NDF: 50693.6/2

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: 50693.6/2

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.528+/-0.285 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.446+/-1.196 χ^2/NDF : 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

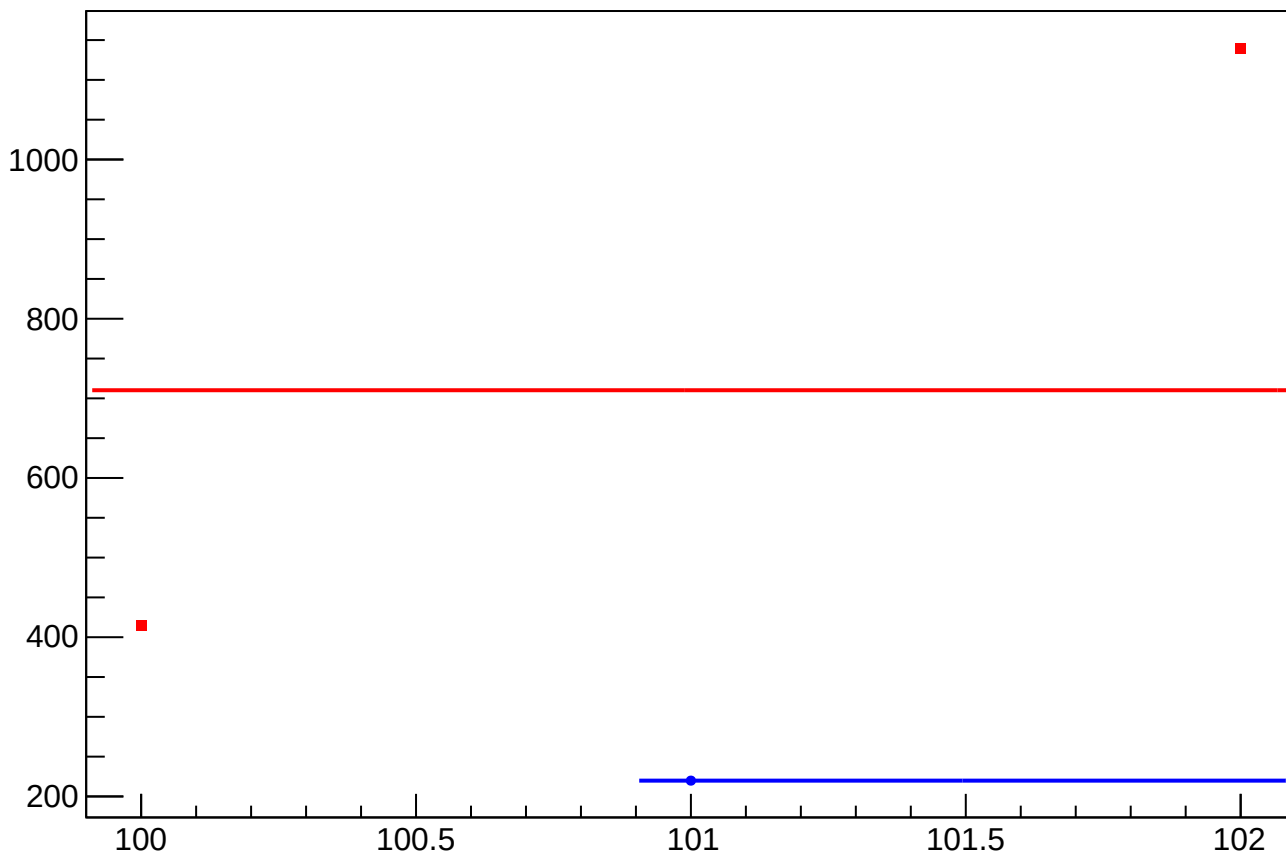
Right: -0.422+/-0.277 χ^2/NDF : 3.4/2

In: -0.528+/-0.285 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.422+/-0.277 χ^2/NDF : 3.4/2

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 219.853+/-0.202 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 710.206+/-0.846 χ^2/NDF : 177167.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

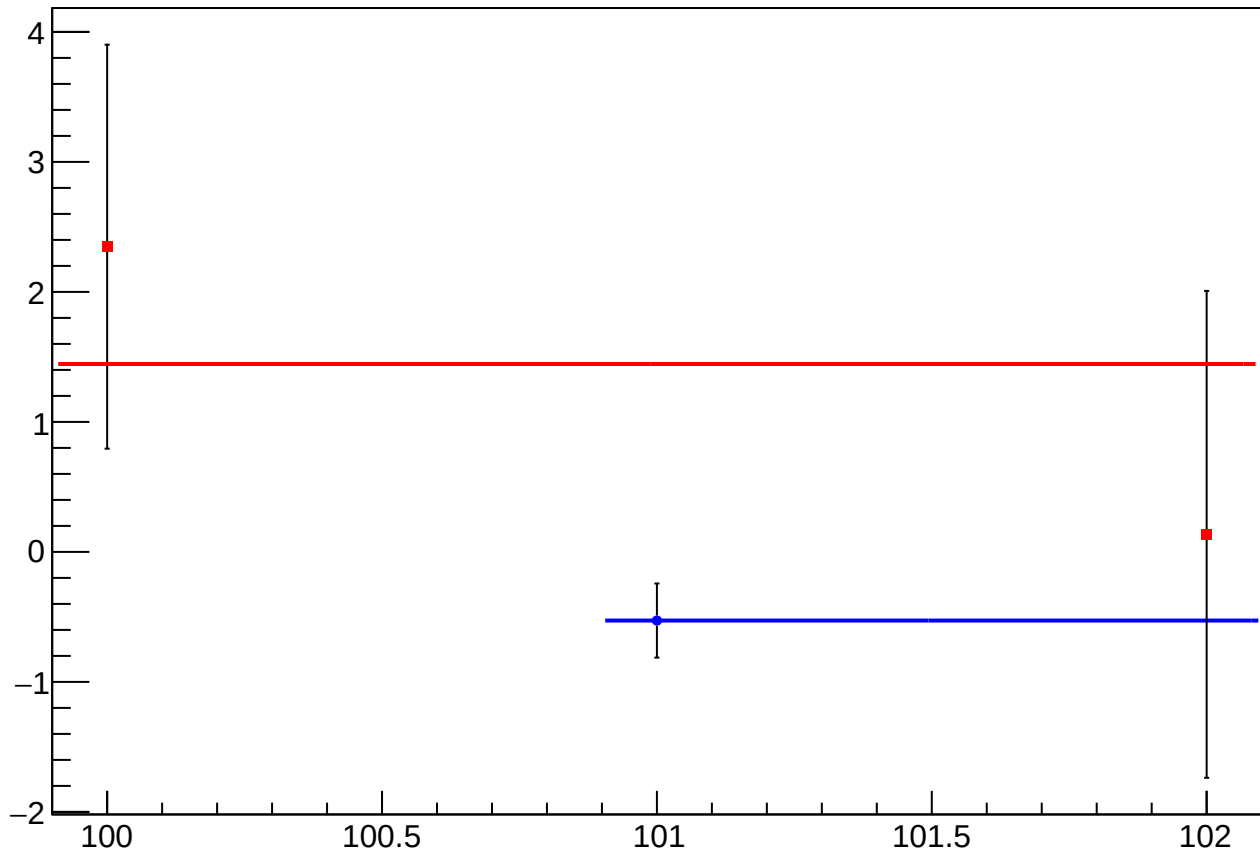
Right: 246.215+/-0.196 χ^2/NDF : 495356.3/2

In: 219.853+/-0.202 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 246.215+/-0.196 χ^2/NDF : 495356.3/2

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.528+/-0.285 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.446+/-1.196 χ^2/NDF : 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

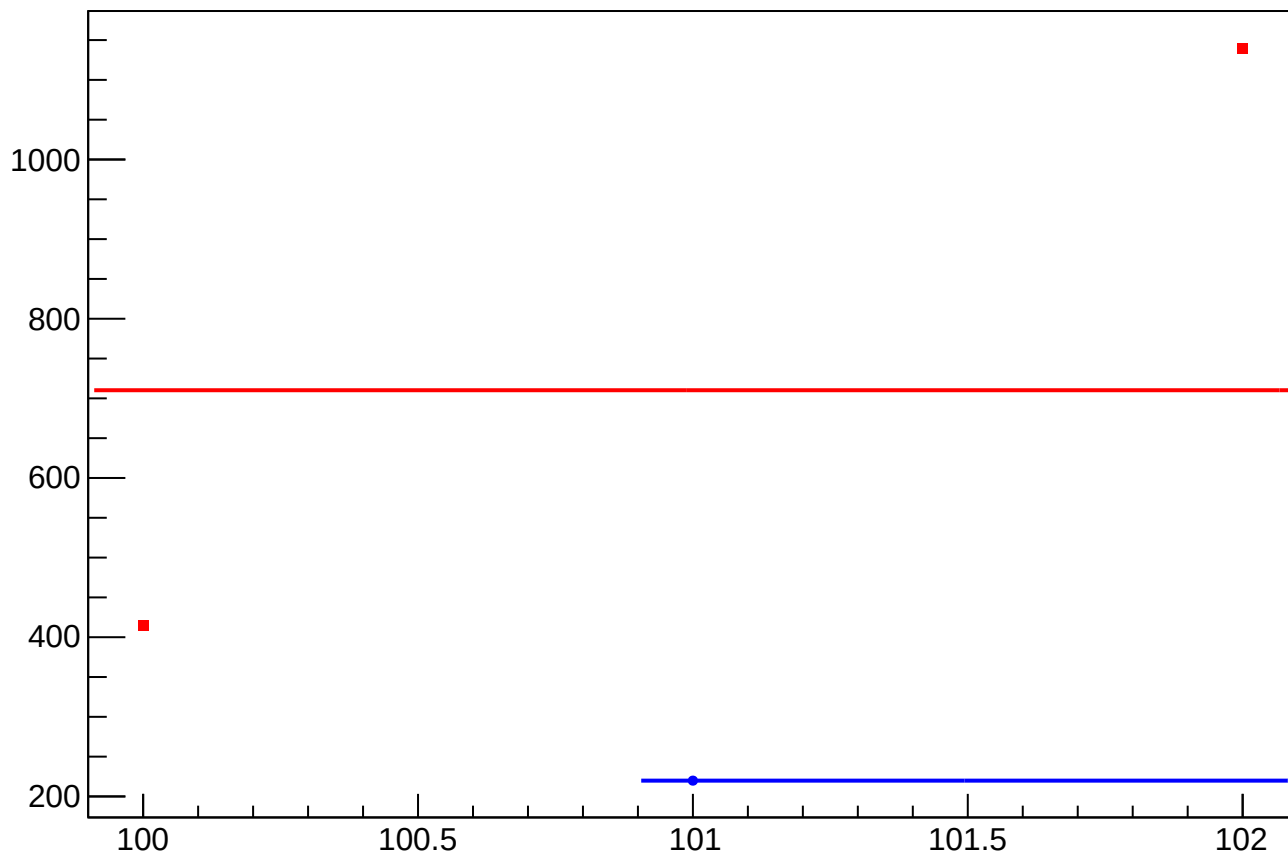
Right: -0.422+/-0.277 χ^2/NDF : 3.4/2

In: -0.528+/-0.285 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.422+/-0.277 χ^2/NDF : 3.4/2

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 219.853+/-0.202 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 710.206+/-0.846 χ^2/NDF : 177167.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

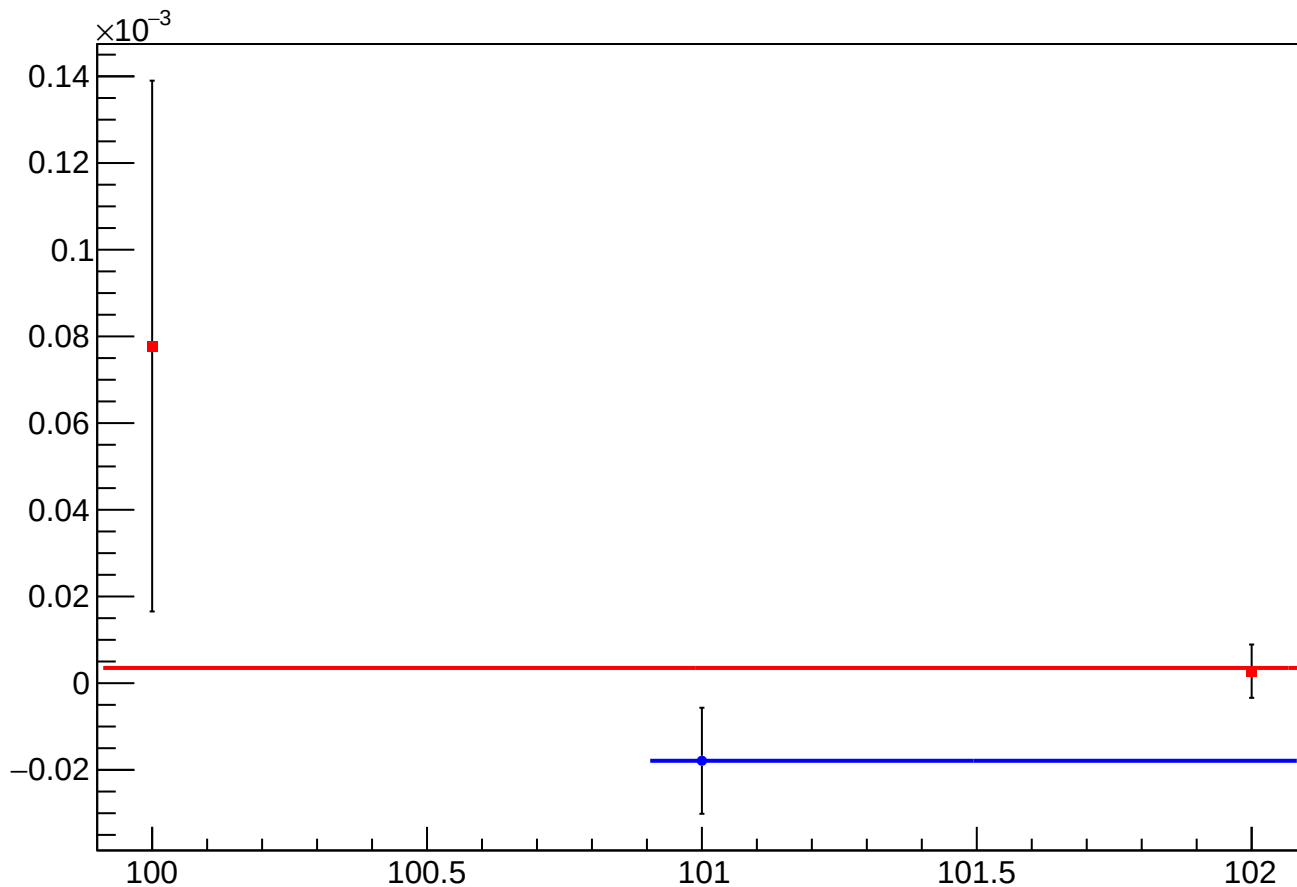
Right: 246.215+/-0.196 χ^2/NDF : 495356.3/2

In: 219.853+/-0.202 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 246.215+/-0.196 χ^2/NDF : 495356.3/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

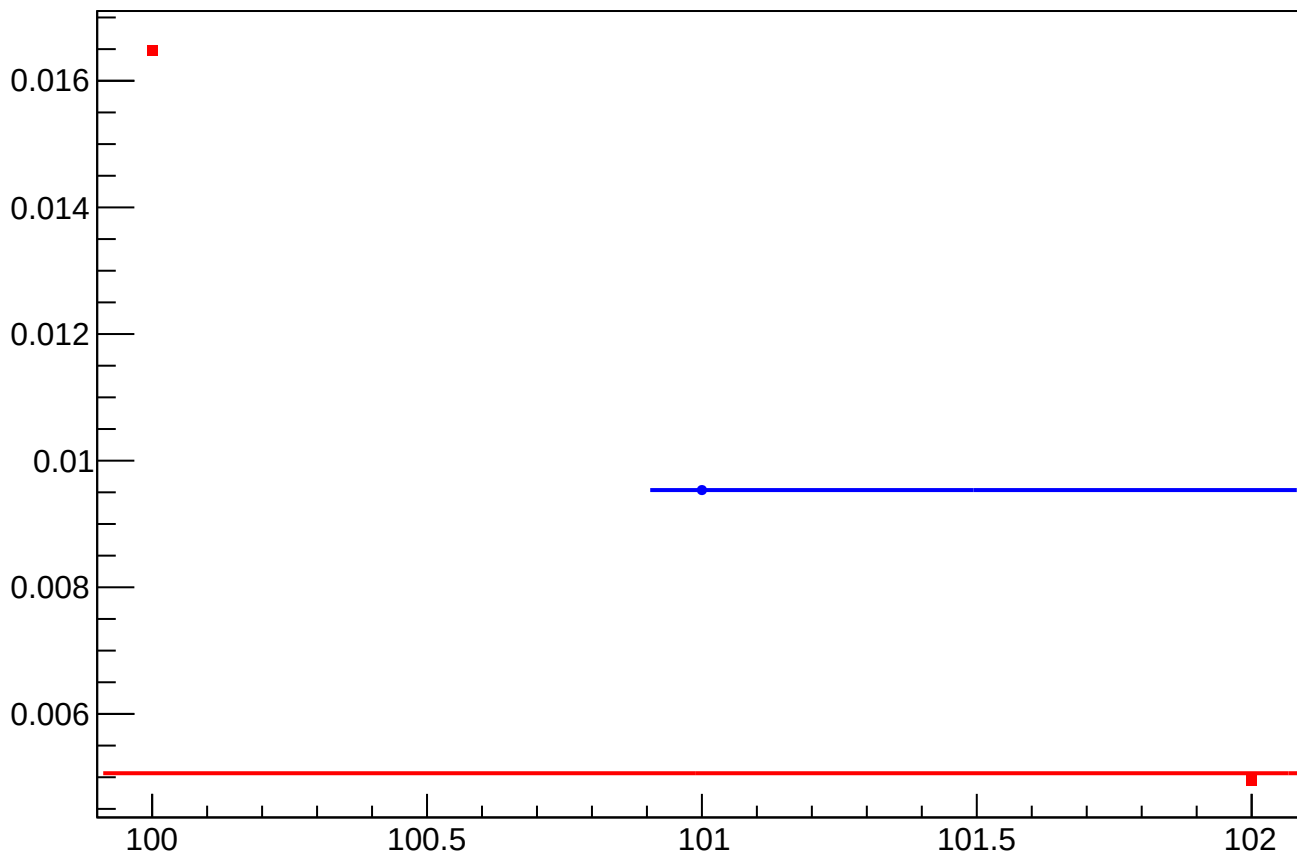
Right: -0.000+/-0.000 χ^2/NDF : 3.9/2

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 : 3.9/2

asym_atl_avg_atr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.005 $\pm$ 0.000 χ^2 /NDF: 70238.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

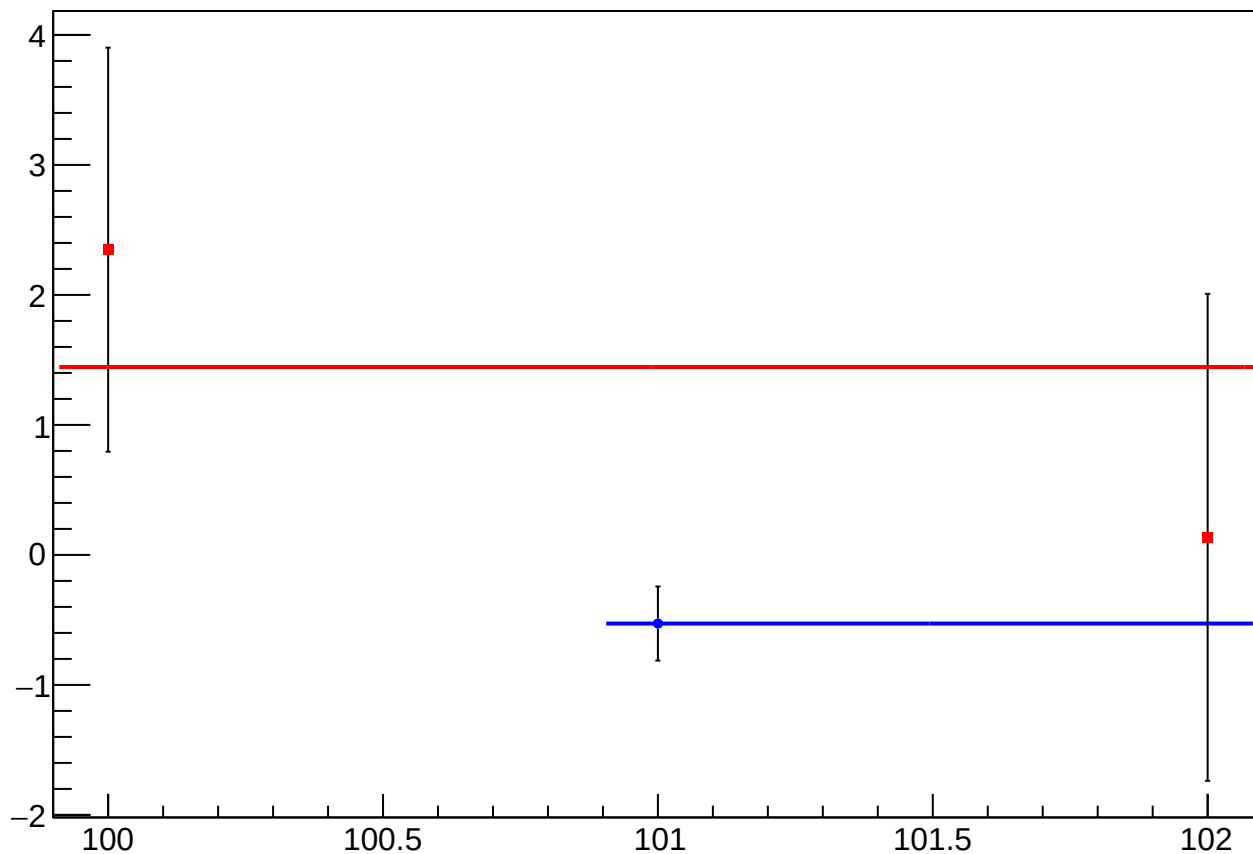
Right: 0.006 $\pm$ 0.000 χ^2 /NDF: 284089.1/2

In: 0.010 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.006 $\pm$ 0.000 χ^2 /NDF: 284089.1/2

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.528+/-0.285 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1.446+/-1.196 χ^2 /NDF: 0.8/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

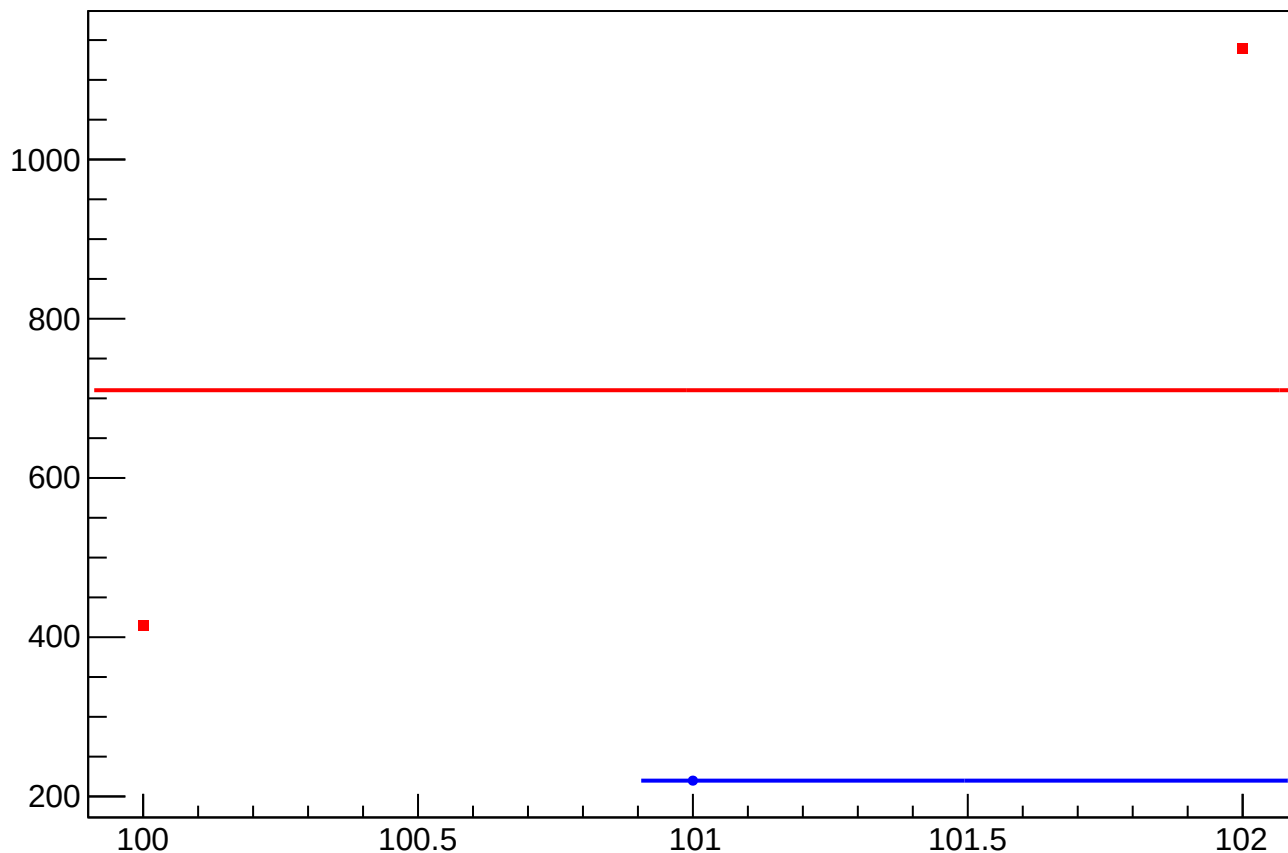
Right: -0.422+/-0.277 χ^2 /NDF: 3.4/2

In: -0.528+/-0.285 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.422+/-0.277 χ^2 /NDF: 3.4/2

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 219.852 $\pm$ 0.202 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 710.215 $\pm$ 0.846 χ^2 /NDF: 177158.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

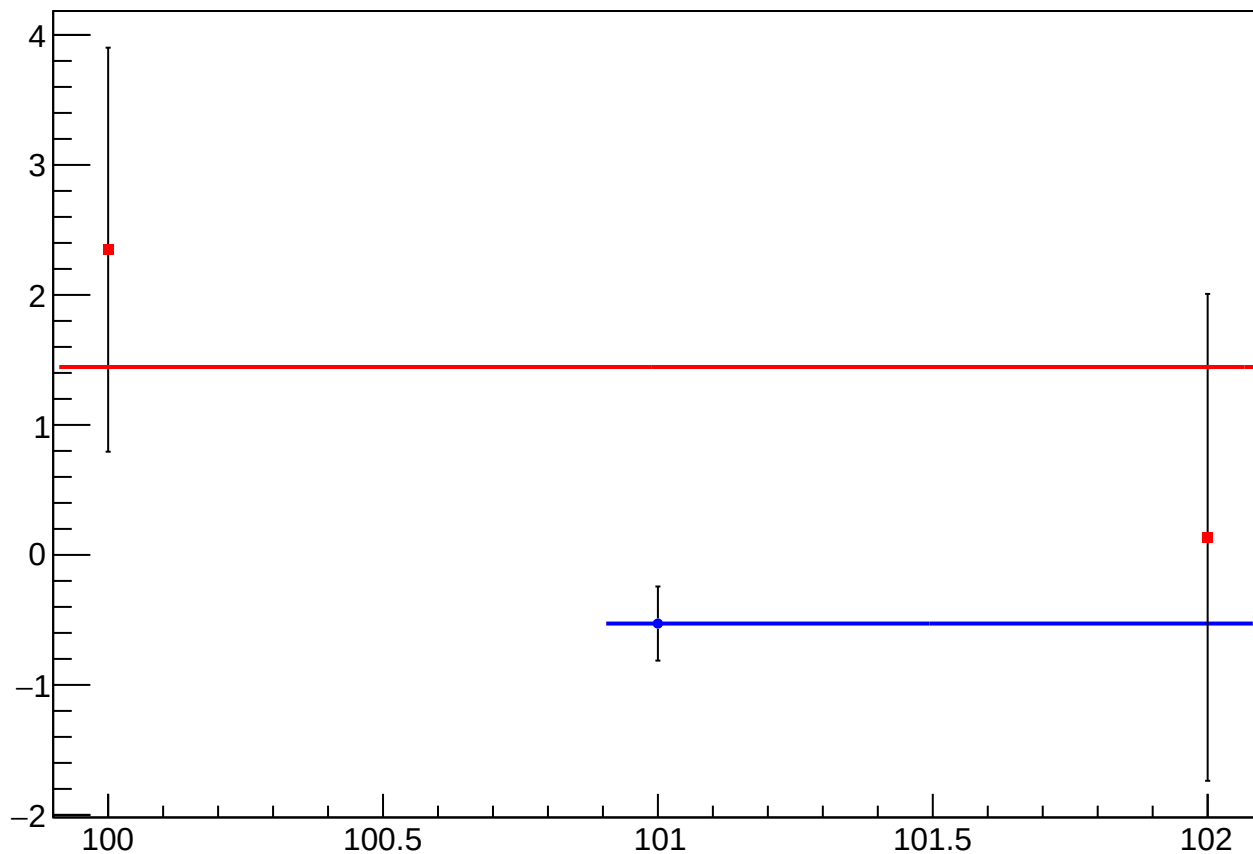
Right: 246.214 $\pm$ 0.196 χ^2 /NDF: 495355.5/2

In: 219.852 $\pm$ 0.202 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 246.214 $\pm$ 0.196 χ^2 /NDF: 495355.5/2

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.528+/-0.285 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.446+/-1.196 χ^2/NDF : 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

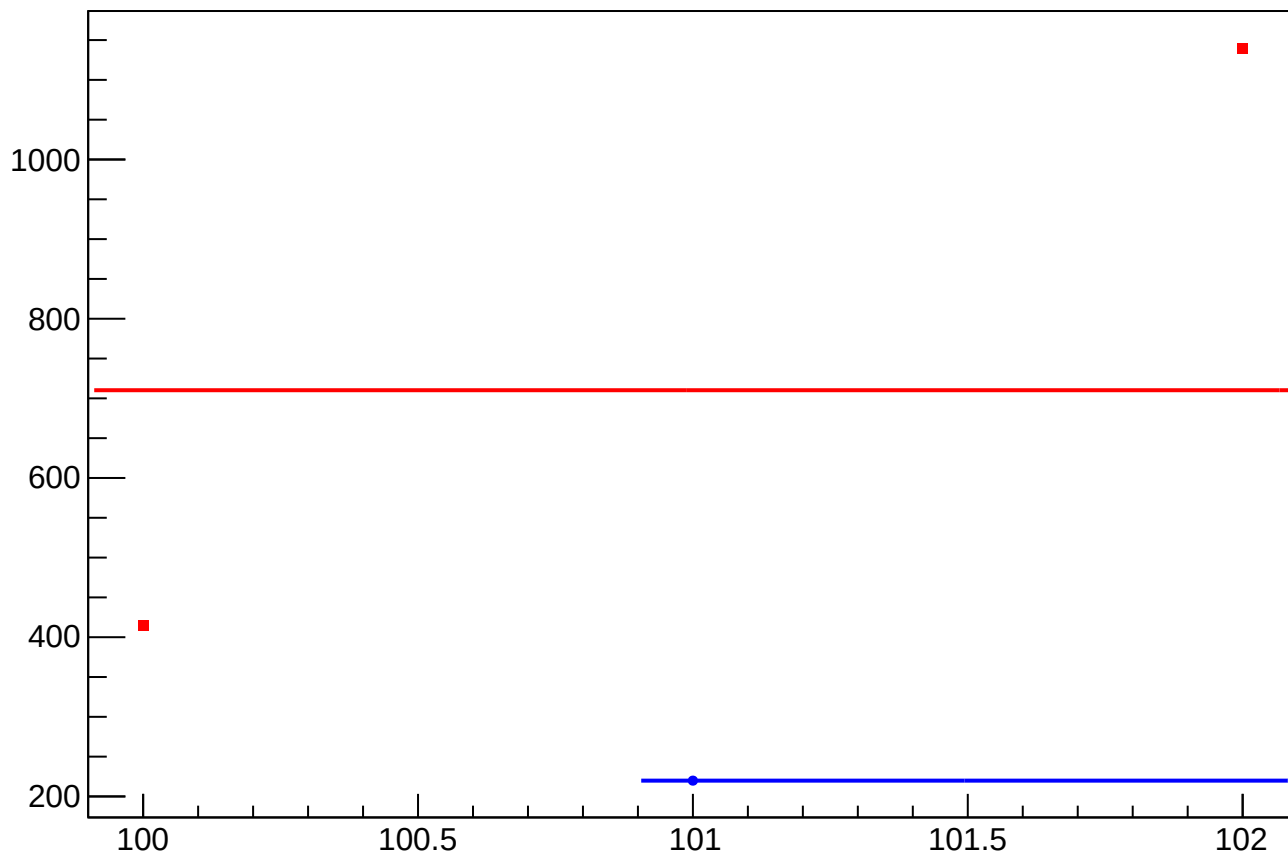
Right: -0.422+/-0.277 χ^2/NDF : 3.4/2

In: -0.528+/-0.285 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.422+/-0.277 χ^2/NDF : 3.4/2

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 219.852 $\pm$ 0.202 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 710.215 $\pm$ 0.846 χ^2 /NDF: 177158.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

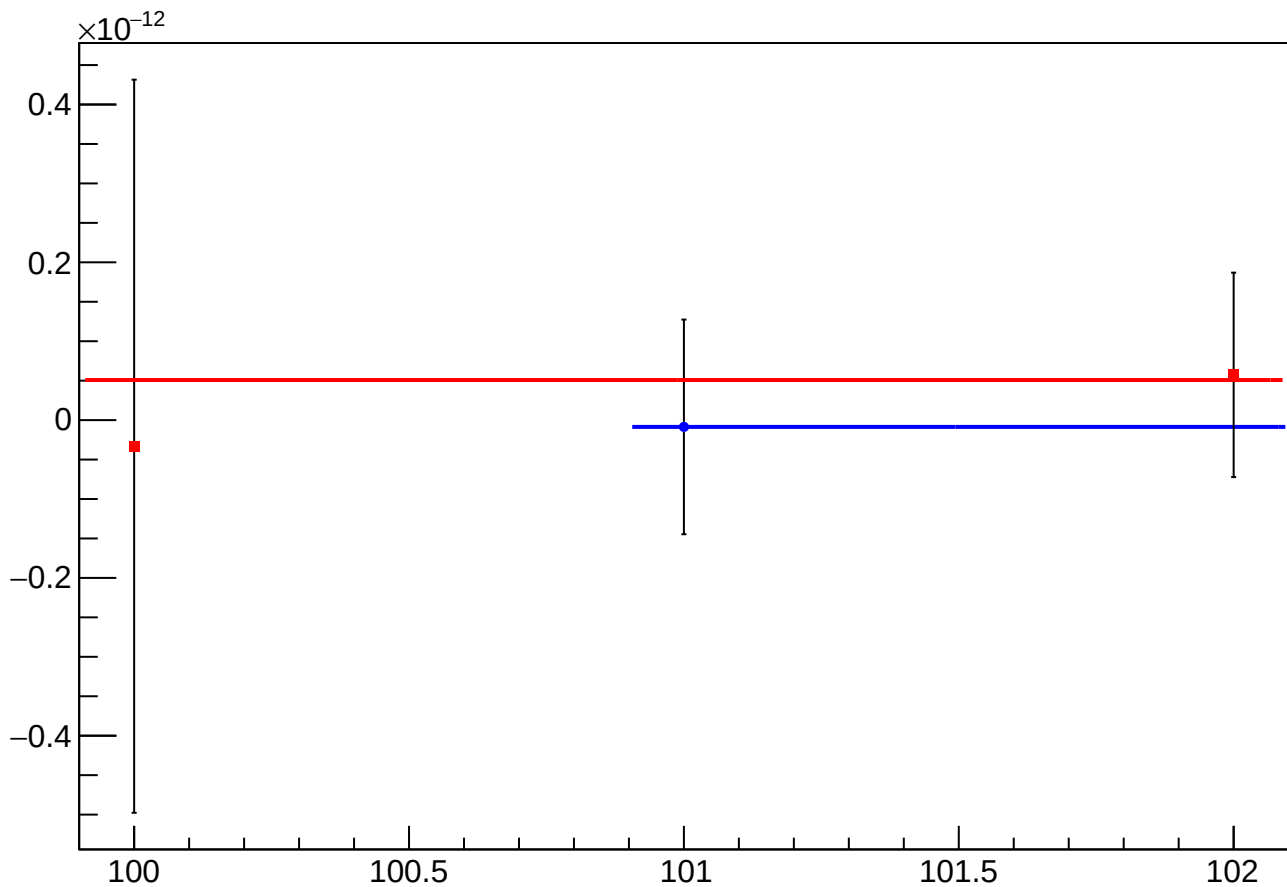
Right: 246.214 $\pm$ 0.196 χ^2 /NDF: 495355.5/2

In: 219.852 $\pm$ 0.202 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 246.214 $\pm$ 0.196 χ^2 /NDF: 495355.5/2

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: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

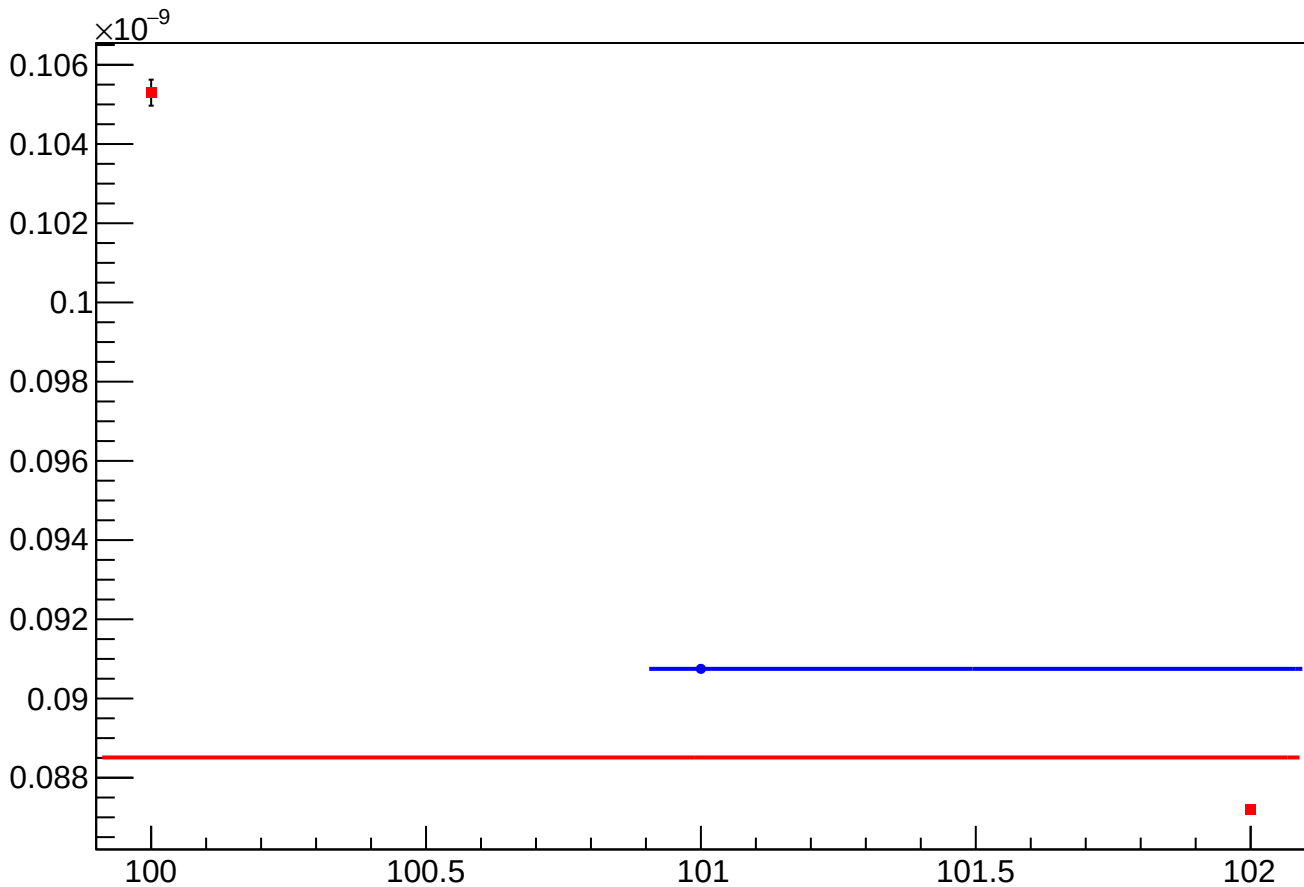
Right: 0.000+/-0.000 χ^2 /NDF: 0.1/2

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: 0.1/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2813.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

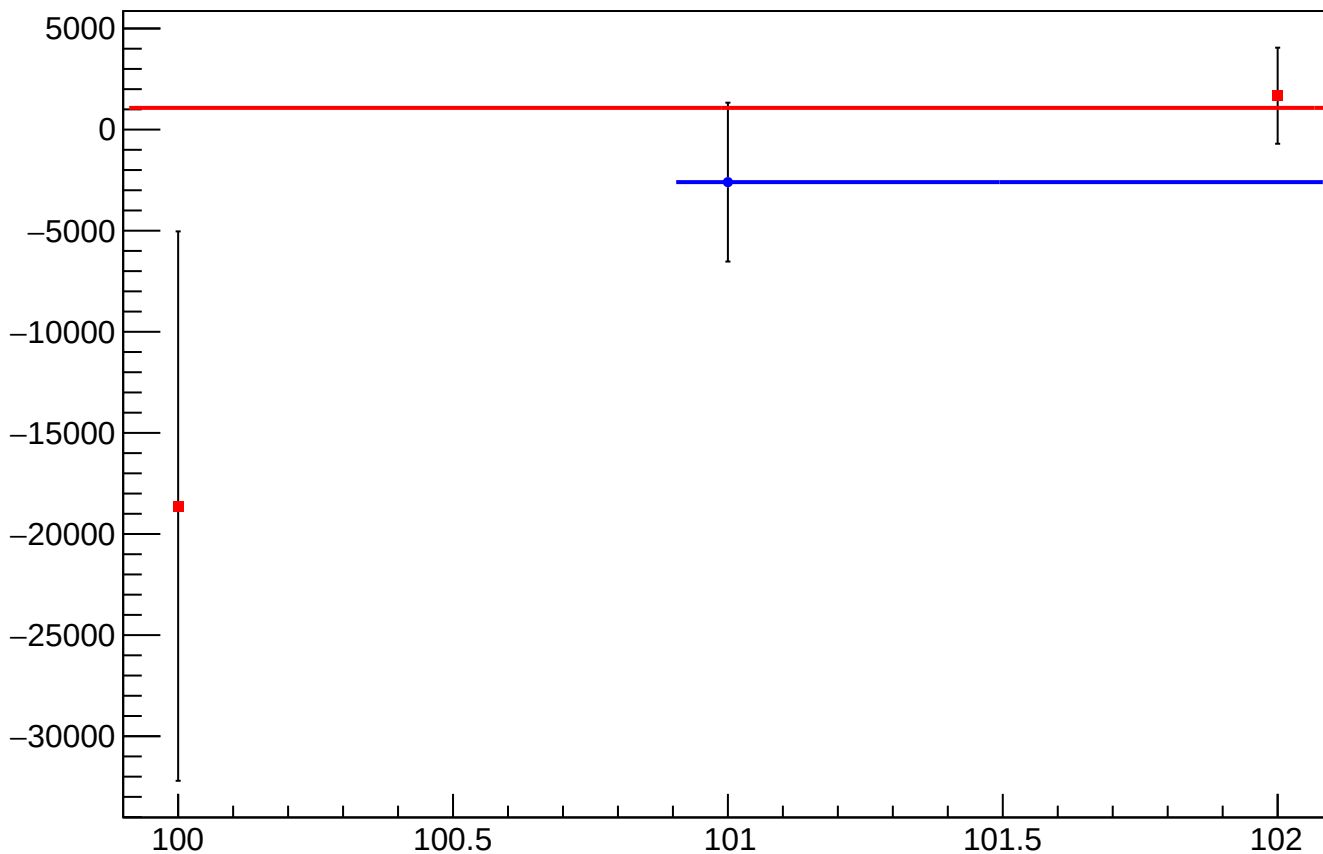
Right: 0.000+/-0.000 χ^2/NDF : 3107.3/2

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 : 3107.3/2

reg_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -2597.701+/-3928.663 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1073.668+/-2340.047 χ^2/NDF : 2.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

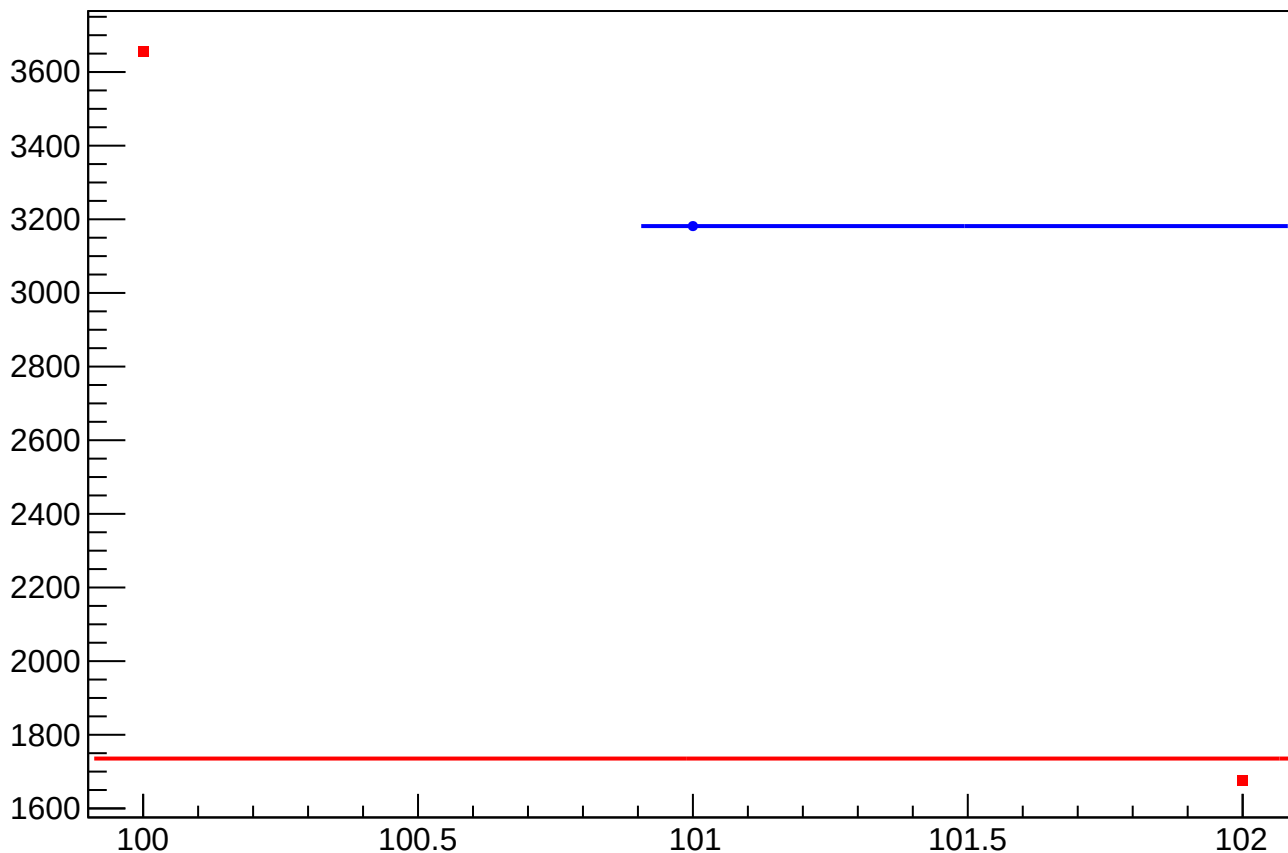
Right: 112.236+/-2010.436 χ^2/NDF : 2.8/2

In: -2597.701+/-3928.663 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.236+/-2010.436 χ^2/NDF : 2.8/2

reg_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 3181.574 $\pm$ 2.778 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1735.433 $\pm$ 1.655 χ^2 /NDF: 41216.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

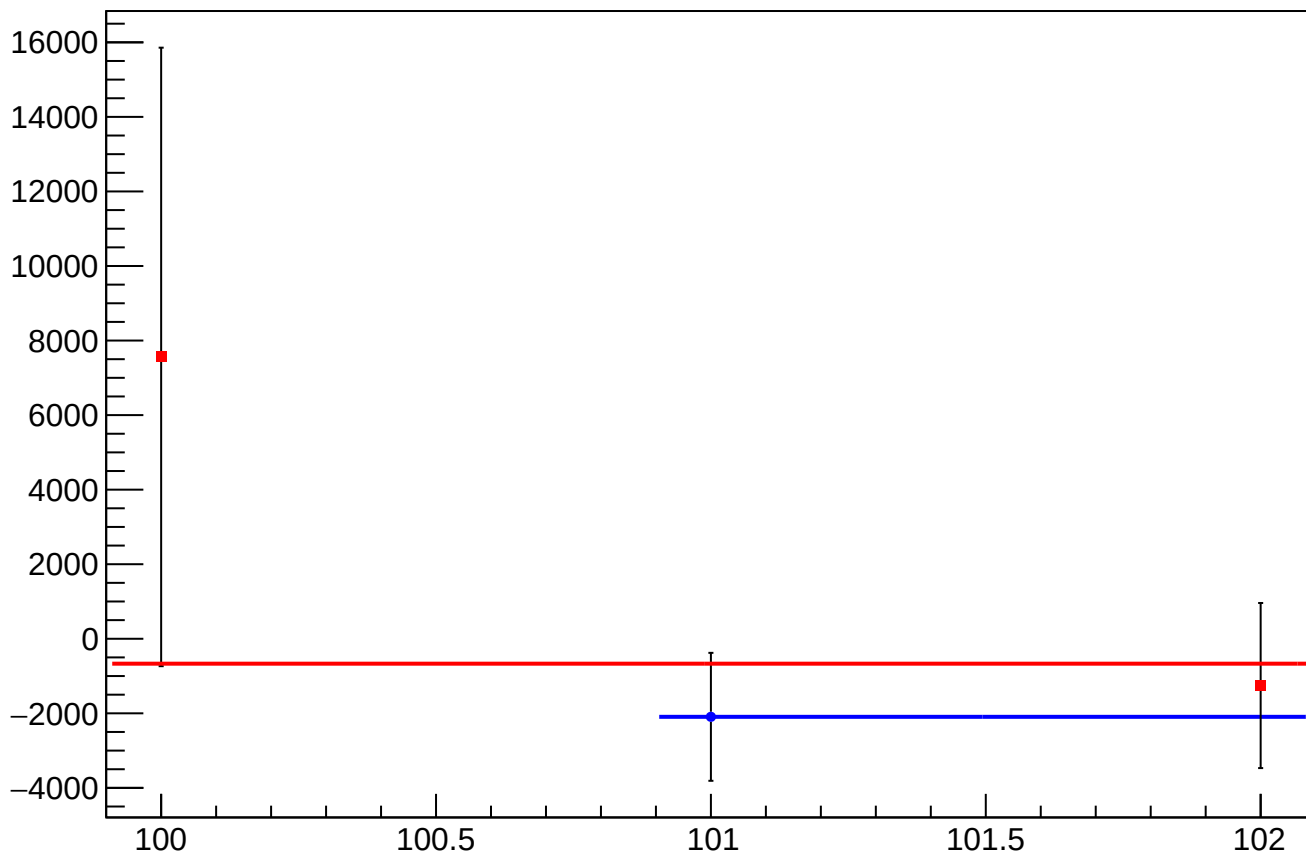
Right: 2114.134 $\pm$ 1.422 χ^2 /NDF: 241245.8/2

In: 3181.574 $\pm$ 2.778 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2114.134 $\pm$ 1.422 χ^2 /NDF: 241245.8/2

asym_atl_avg_atr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -2093.988+/-1716.175 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -668.288+/-2139.530 χ^2/NDF : 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

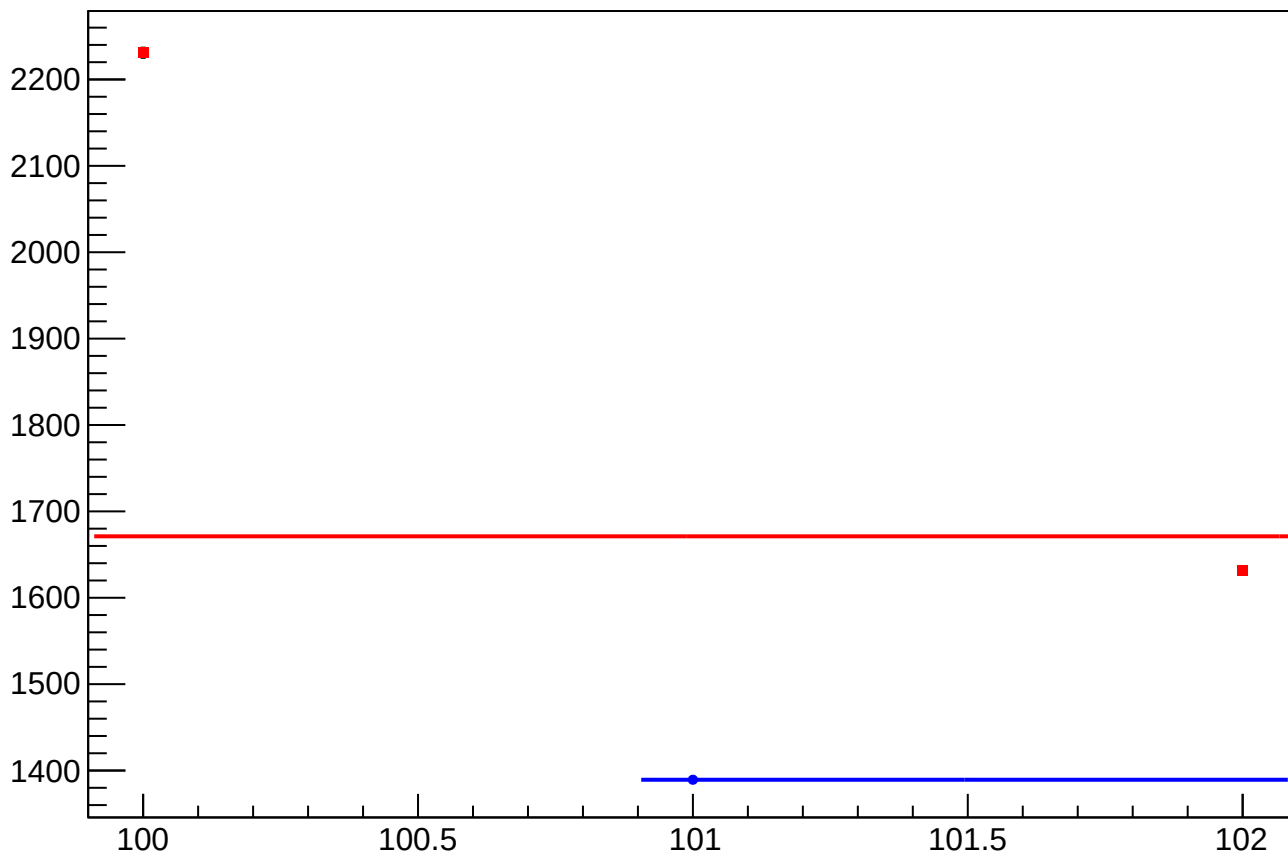
Right: -1535.815+/-1338.717 χ^2/NDF : 1.3/2

In: -2093.988+/-1716.175 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1535.815+/-1338.717 χ^2/NDF : 1.3/2

asym_atl_avg_atr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1389.328+/-1.214 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1671.135+/-1.513 χ^2/NDF : 9755.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

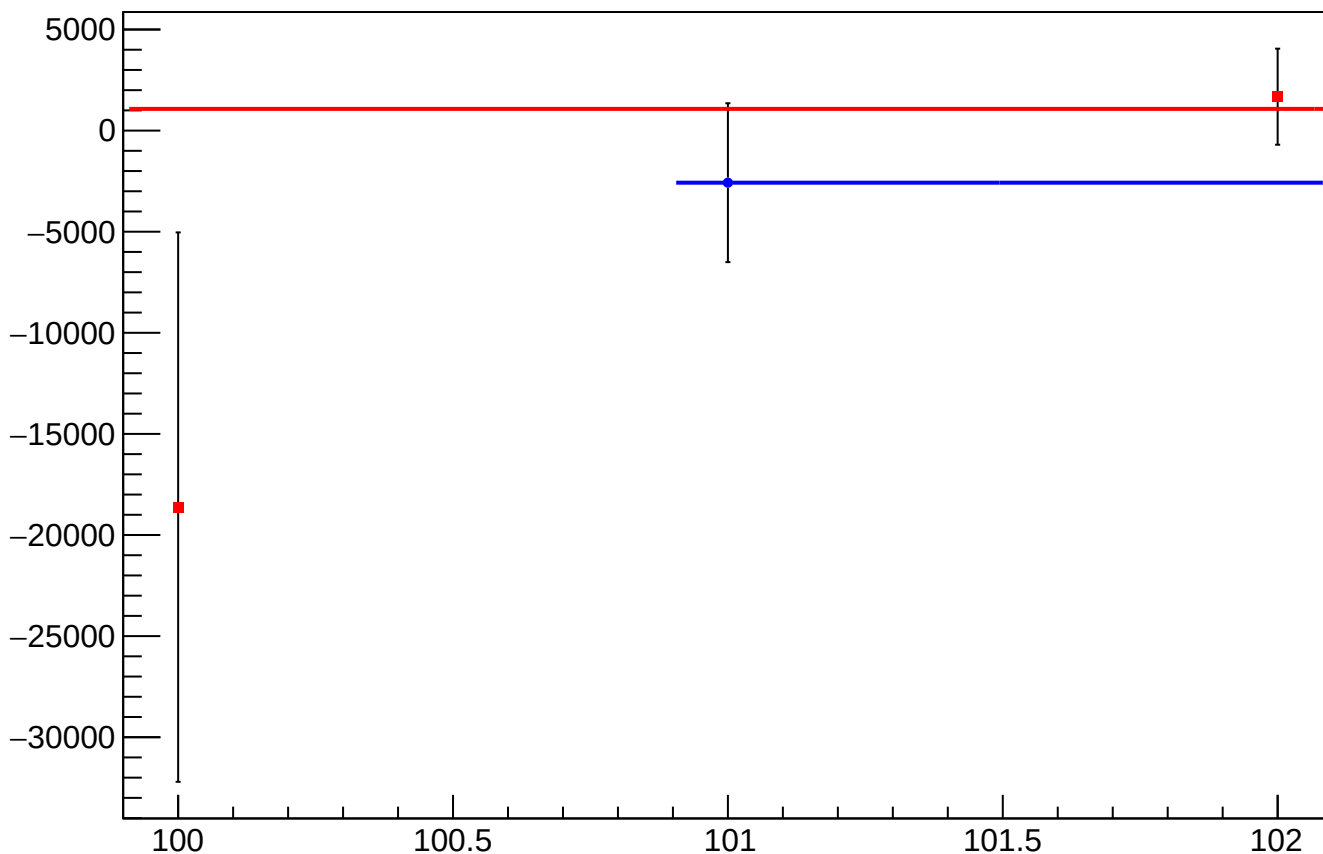
Right: 1499.658+/-0.947 χ^2/NDF : 30868.6/2

In: 1389.328+/-1.214 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1499.658+/-0.947 χ^2/NDF : 30868.6/2

cor_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -2575.603+/-3928.683 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1074.316+/-2340.051 χ^2 /NDF: 2.2/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

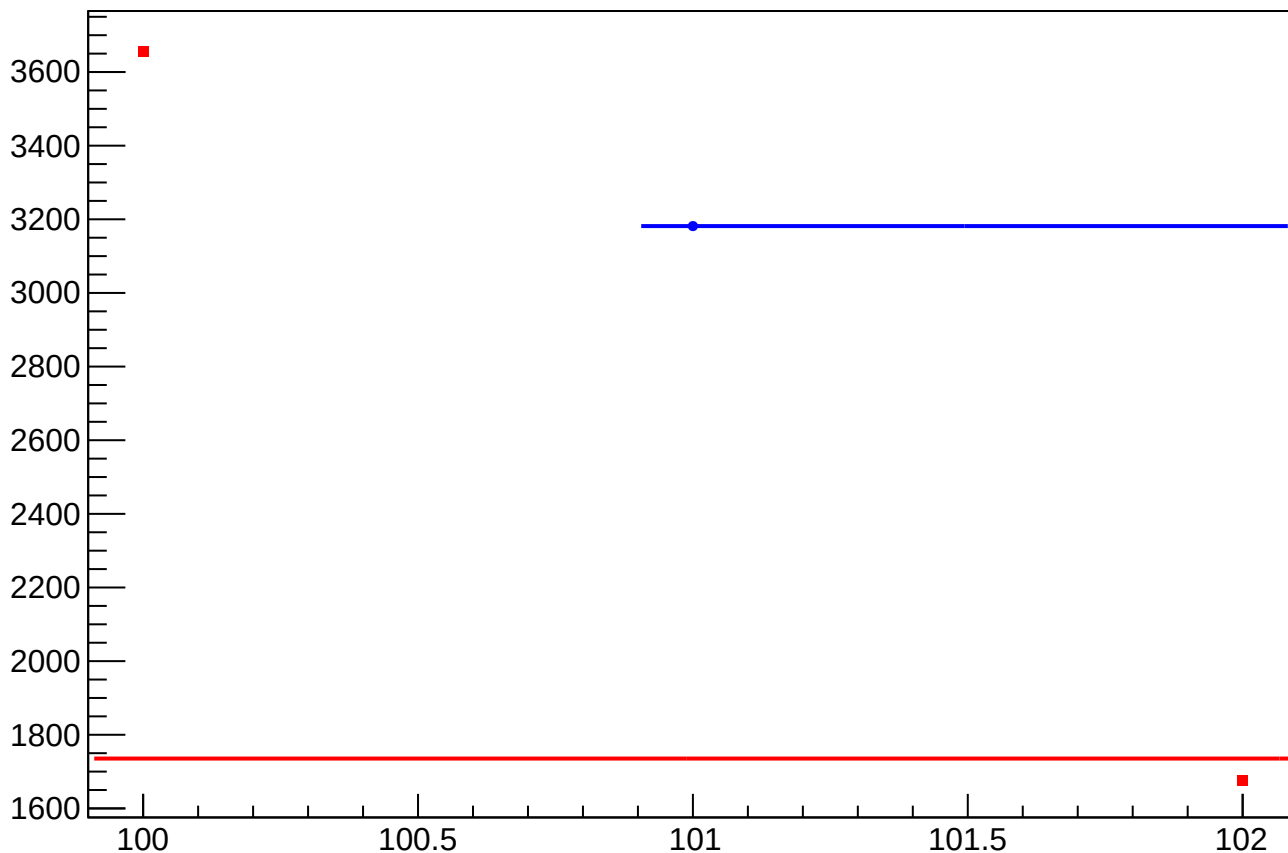
Right: 118.505+/-2010.440 χ^2 /NDF: 2.8/2

In: -2575.603+/-3928.683 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 118.505+/-2010.440 χ^2 /NDF: 2.8/2

cor_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 3181.586 $\pm$ 2.778 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1735.430 $\pm$ 1.655 χ^2 /NDF: 41216.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

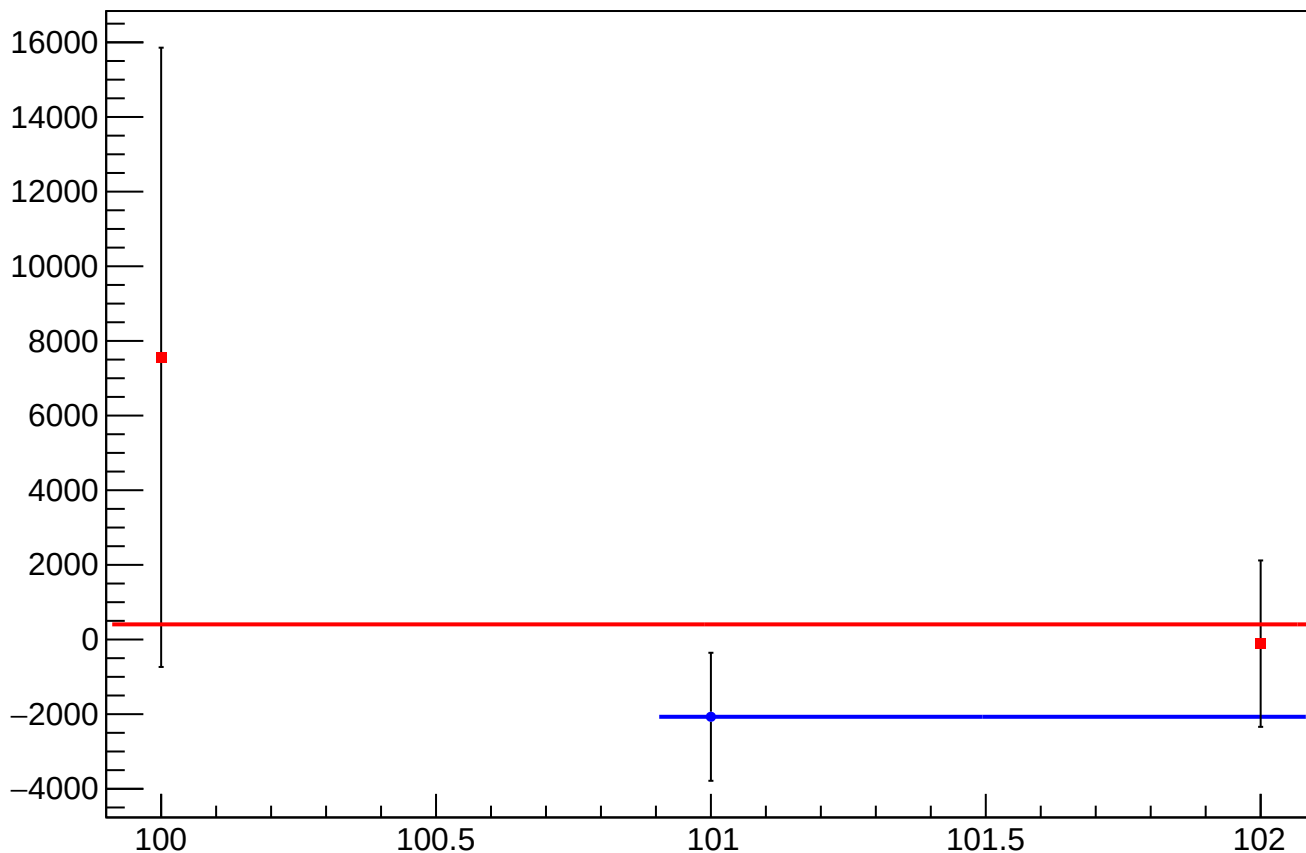
Right: 2114.133 $\pm$ 1.422 χ^2 /NDF: 241248.4/2

In: 3181.586 $\pm$ 2.778 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2114.133 $\pm$ 1.422 χ^2 /NDF: 241248.4/2

asym_atl_avg_atr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -2070.192+/-1715.004 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 405.787+/-2152.651 χ^2 /NDF: 0.8/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

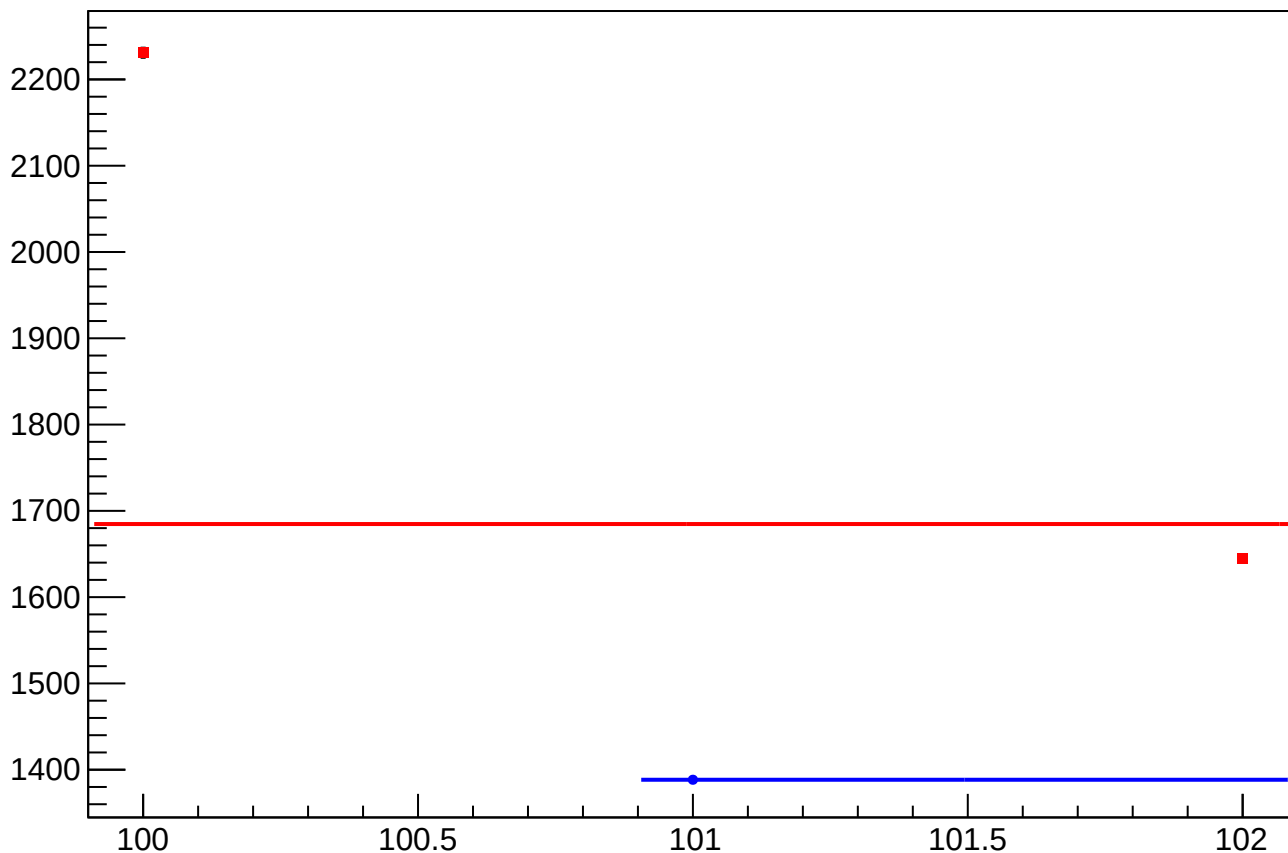
Right: -1108.832+/-1341.353 χ^2 /NDF: 1.6/2

In: -2070.192+/-1715.004 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1108.832+/-1341.353 χ^2 /NDF: 1.6/2

asym_atl_avg_atr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1388.367 $\pm$ 1.213 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1684.730 $\pm$ 1.522 χ^2 /NDF: 9295.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

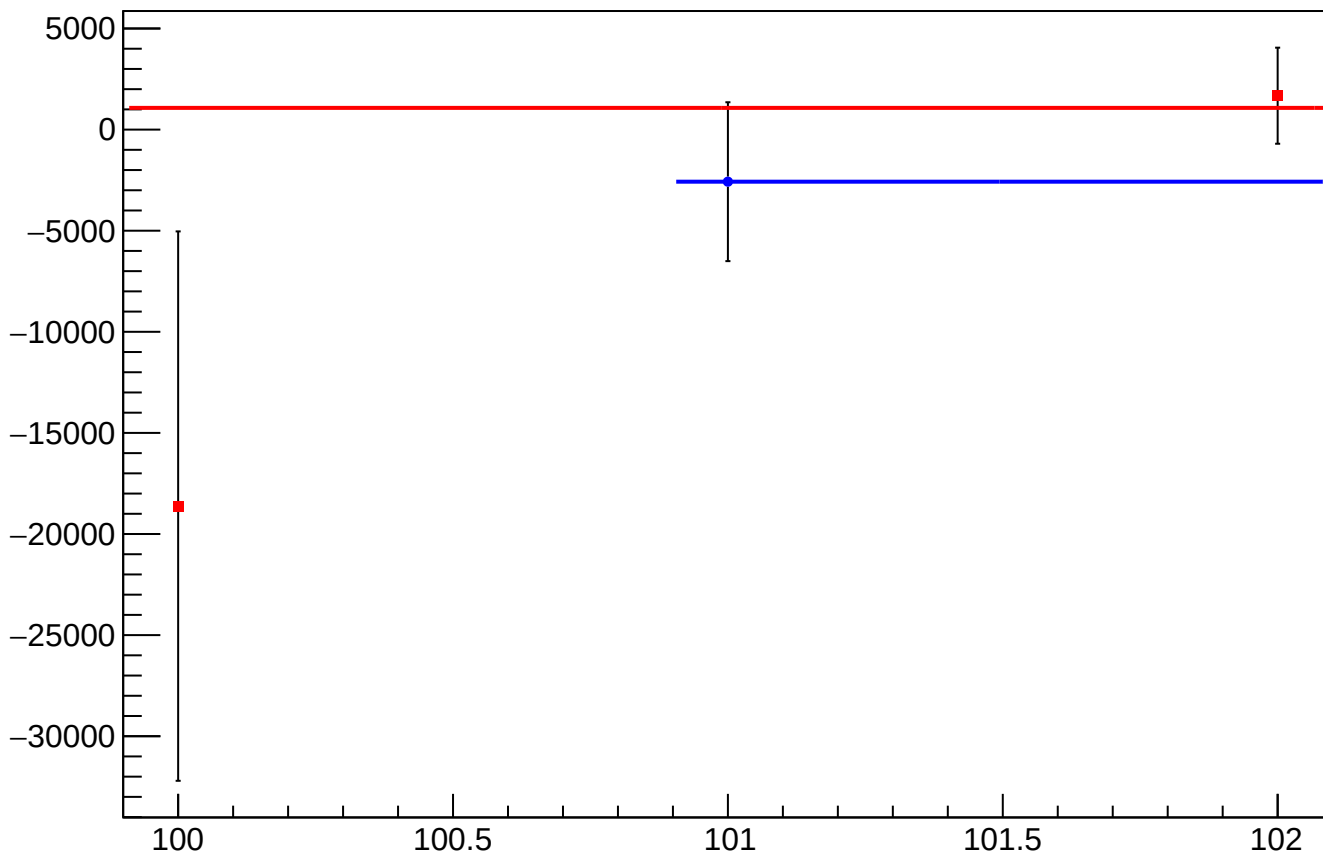
Right: 1503.438 $\pm$ 0.948 χ^2 /NDF: 32485.0/2

In: 1388.367 $\pm$ 1.213 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1503.438 $\pm$ 0.948 χ^2 /NDF: 32485.0/2

eigen_cor_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -2575.603+/-3928.683 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1074.316+/-2340.051 χ^2 /NDF: 2.2/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

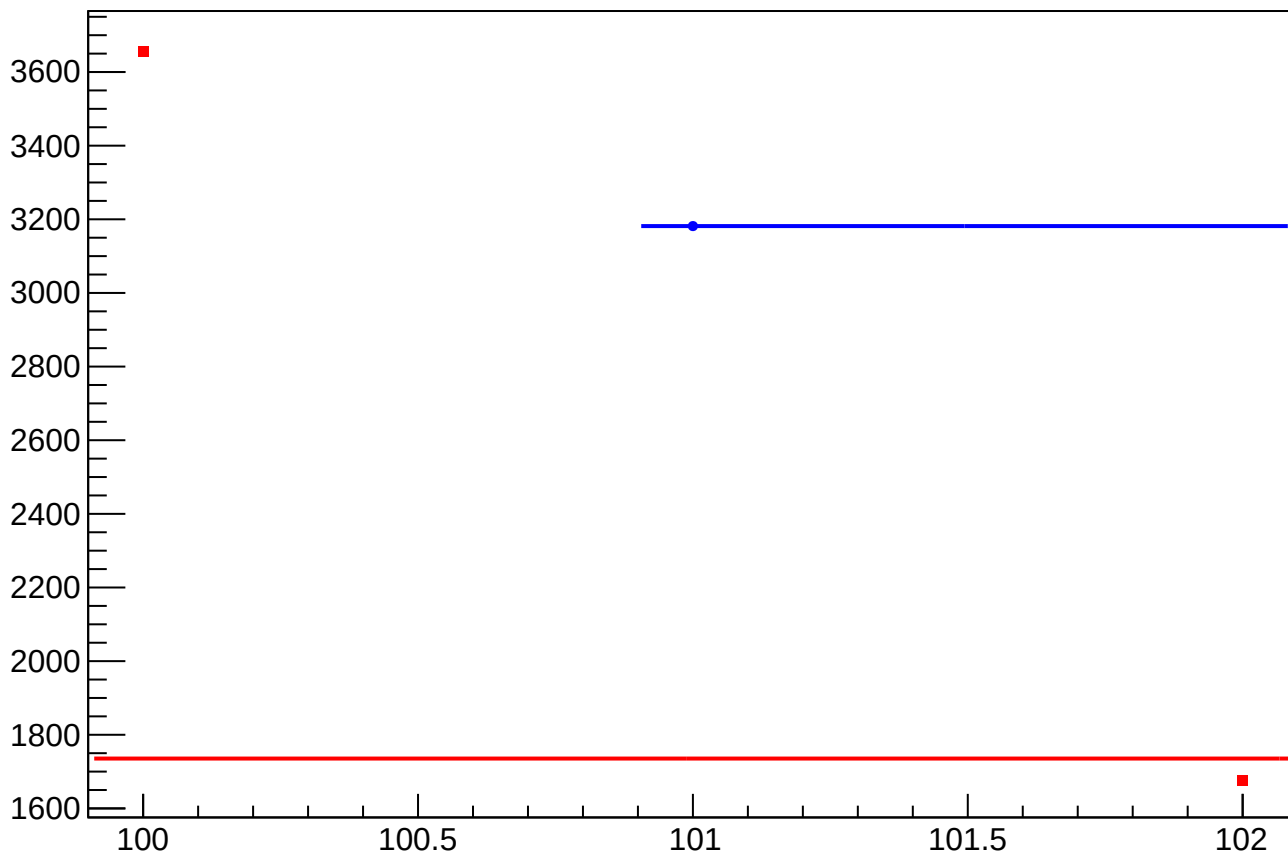
Right: 118.505+/-2010.440 χ^2 /NDF: 2.8/2

In: -2575.603+/-3928.683 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 118.505+/-2010.440 χ^2 /NDF: 2.8/2

eigen_cor_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 3181.586 $\pm$ 2.778 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1735.430 $\pm$ 1.655 χ^2 /NDF: 41216.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

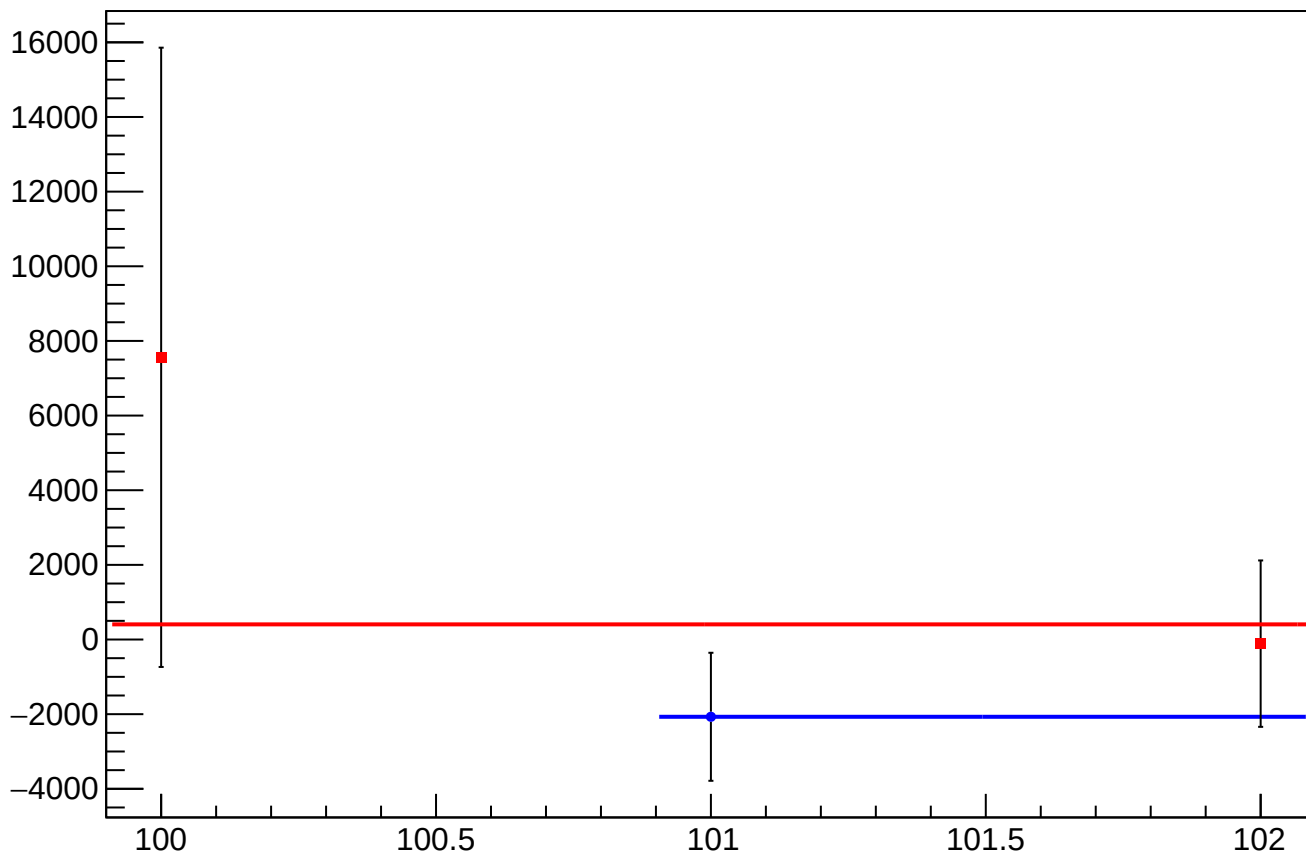
Right: 2114.133 $\pm$ 1.422 χ^2 /NDF: 241248.4/2

In: 3181.586 $\pm$ 2.778 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2114.133 $\pm$ 1.422 χ^2 /NDF: 241248.4/2

asym_atl_avg_atr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -2070.192+/-1715.004 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 405.787+/-2152.651 χ^2 /NDF: 0.8/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

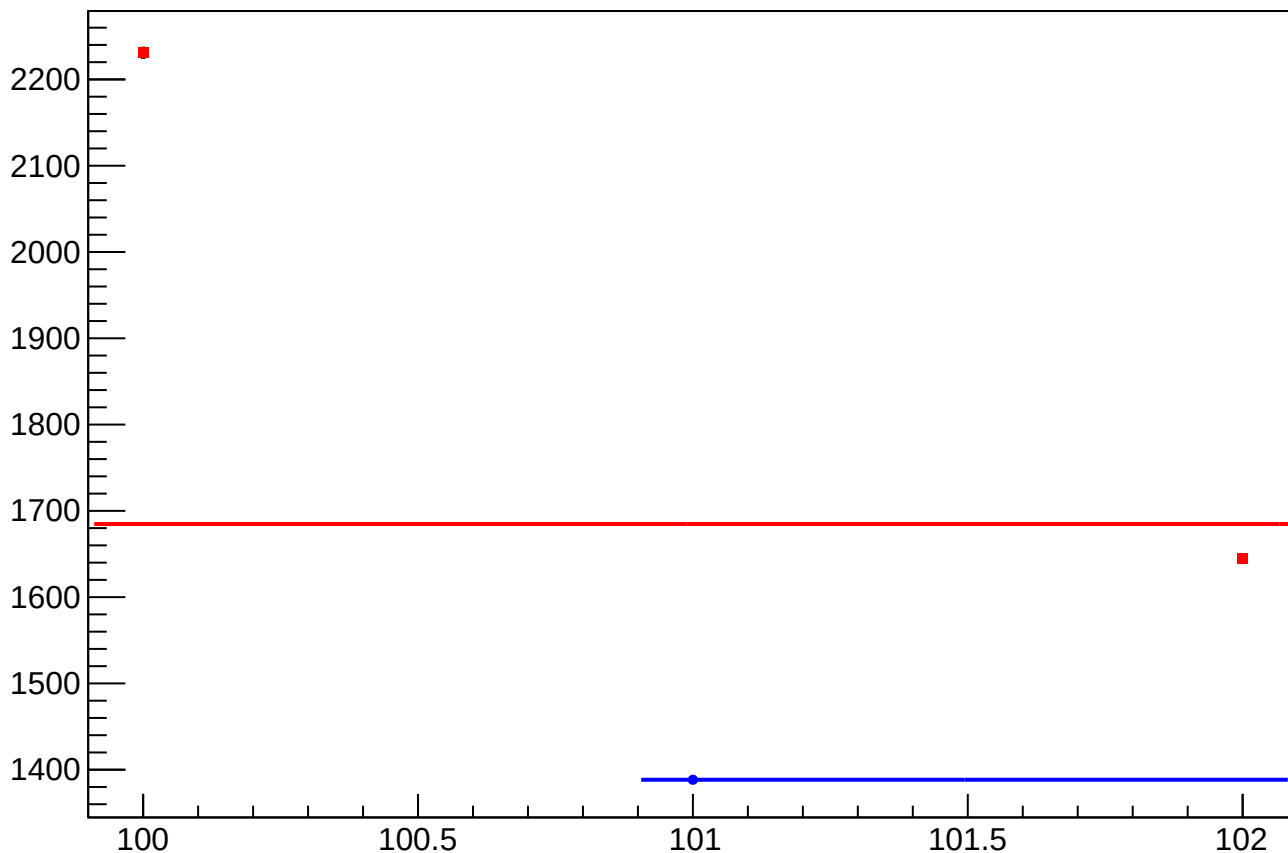
Right: -1108.832+/-1341.353 χ^2 /NDF: 1.6/2

In: -2070.192+/-1715.004 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1108.832+/-1341.353 χ^2 /NDF: 1.6/2

asym_atl_avg_atr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1388.367 $\pm$ 1.213 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1684.730 $\pm$ 1.522 χ^2 /NDF: 9295.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

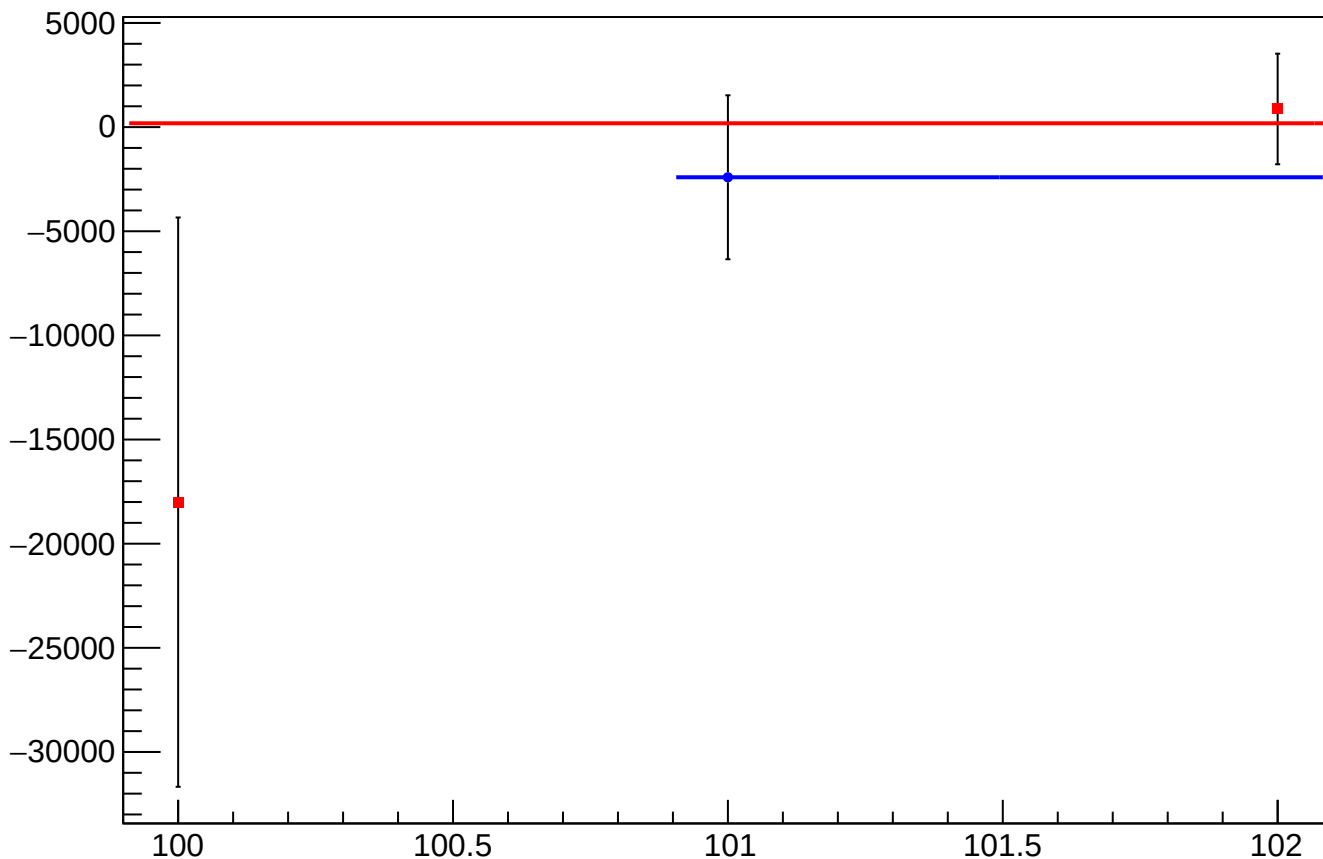
Right: 1503.438 $\pm$ 0.948 χ^2 /NDF: 32485.0/2

In: 1388.367 $\pm$ 1.213 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1503.438 $\pm$ 0.948 χ^2 /NDF: 32485.0/2

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -2408.047+/-3936.217 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 183.900+/-2606.495 χ^2/NDF : 1.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

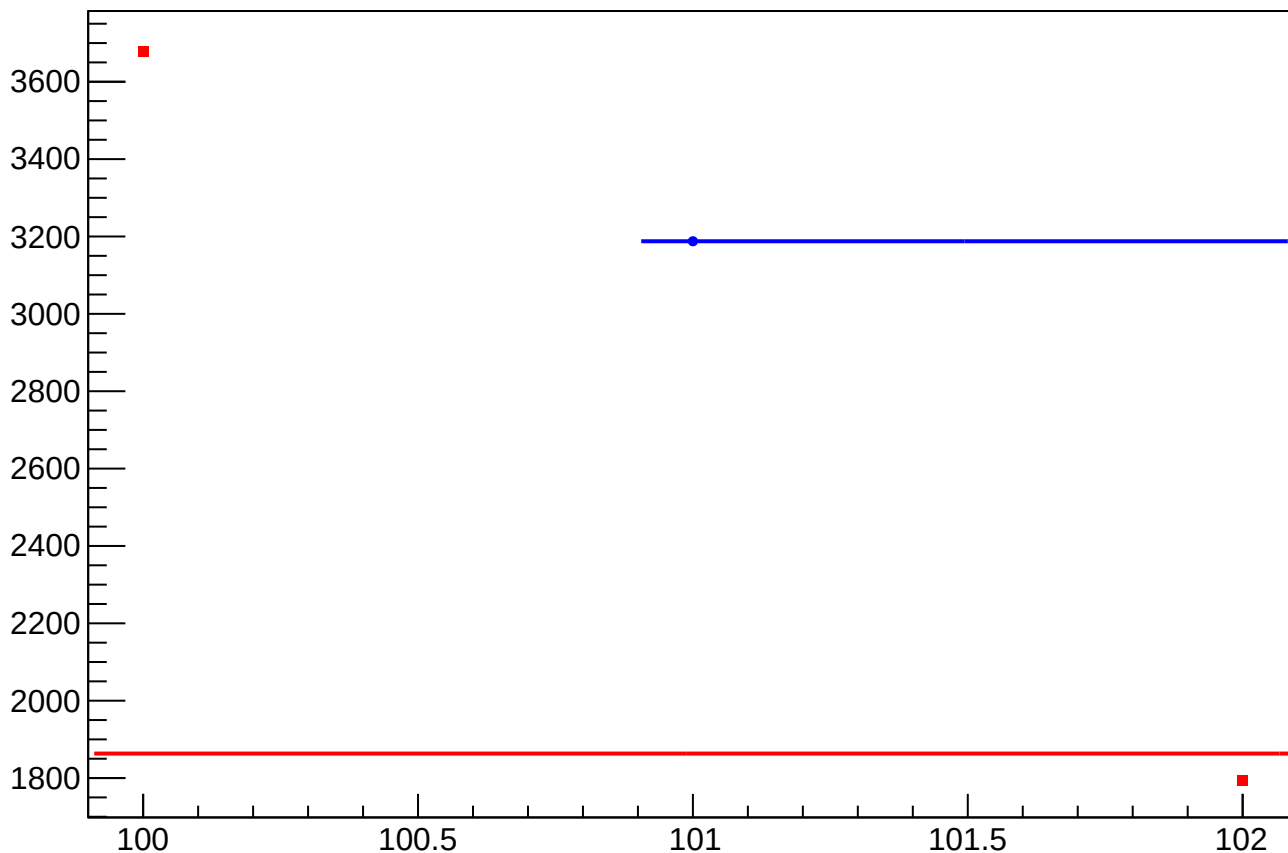
Right: -606.190+/-2173.222 χ^2/NDF : 2.1/2

In: -2408.047+/-3936.217 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -606.190+/-2173.222 χ^2/NDF : 2.1/2

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 3187.676 $\pm$ 2.783 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1863.328 $\pm$ 1.843 χ^2 /NDF: 36611.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

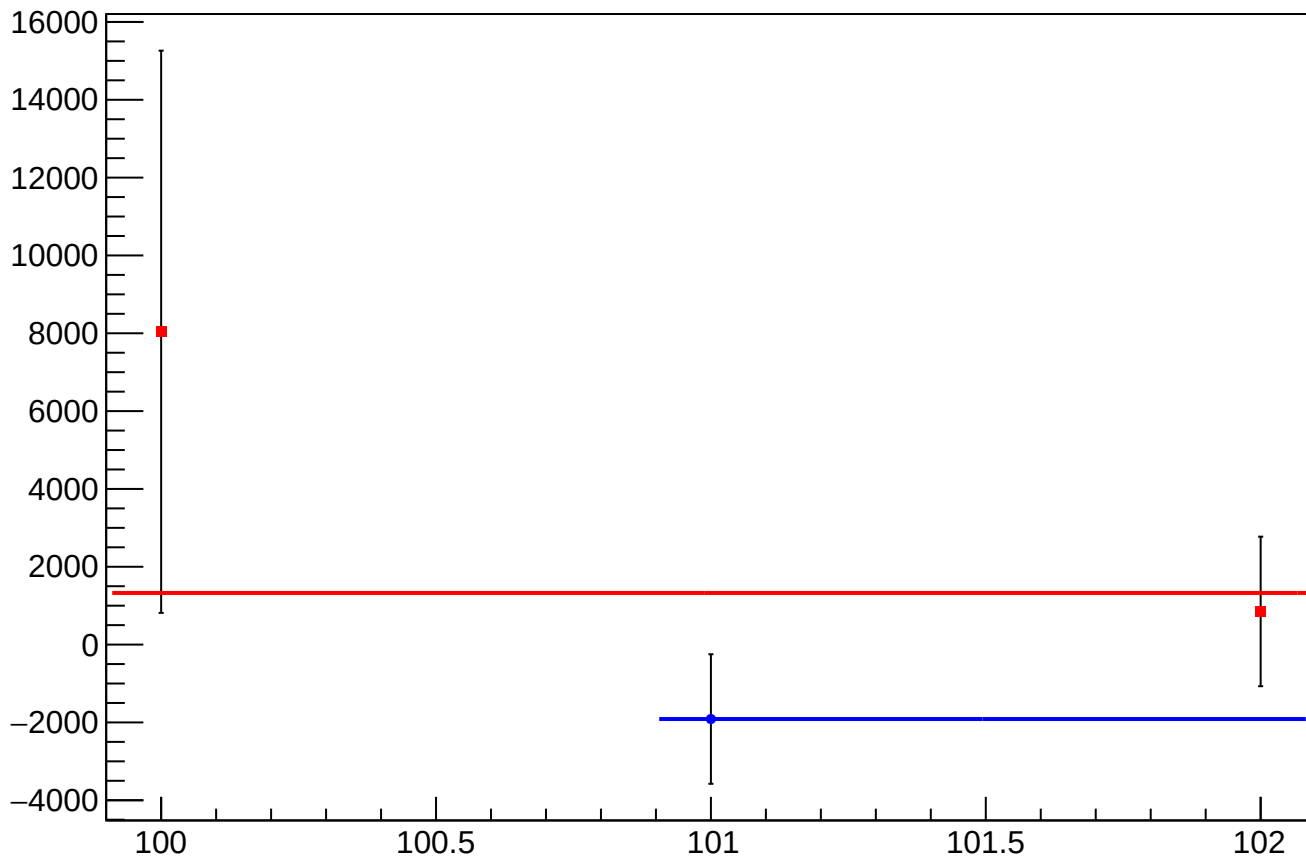
Right: 2267.017 $\pm$ 1.537 χ^2 /NDF: 194000.2/2

In: 3187.676 $\pm$ 2.783 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2267.017 $\pm$ 1.537 χ^2 /NDF: 194000.2/2

asym_atl_avg_atr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -1912.609+/-1664.531 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1326.946+/-1856.750 χ^2/NDF : 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

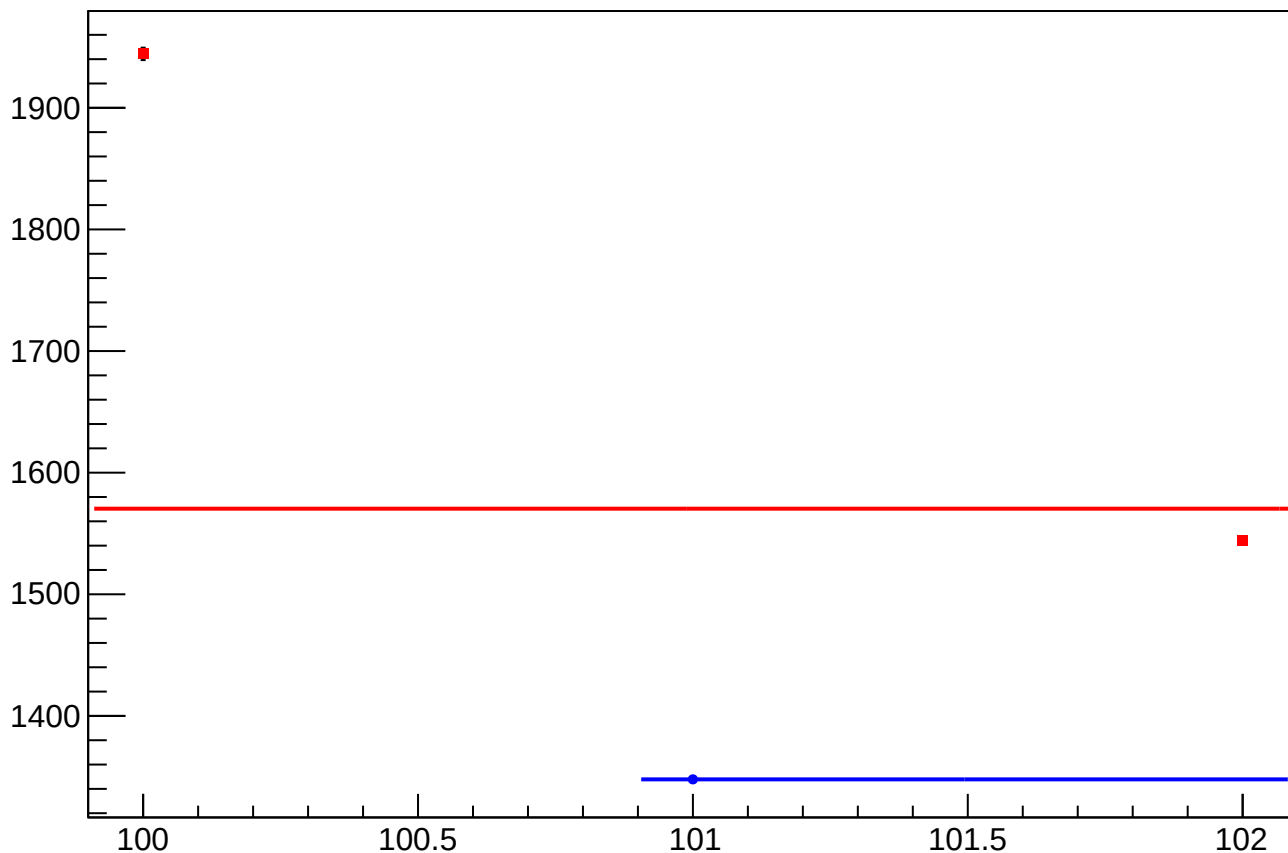
Right: -469.147+/-1239.406 χ^2/NDF : 2.6/2

In: -1912.609+/-1664.531 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -469.147+/-1239.406 χ^2/NDF : 2.6/2

asym_atl_avg_atr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1347.822 $\pm$ 1.177 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1570.388 $\pm$ 1.313 χ^2 /NDF: 5738.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

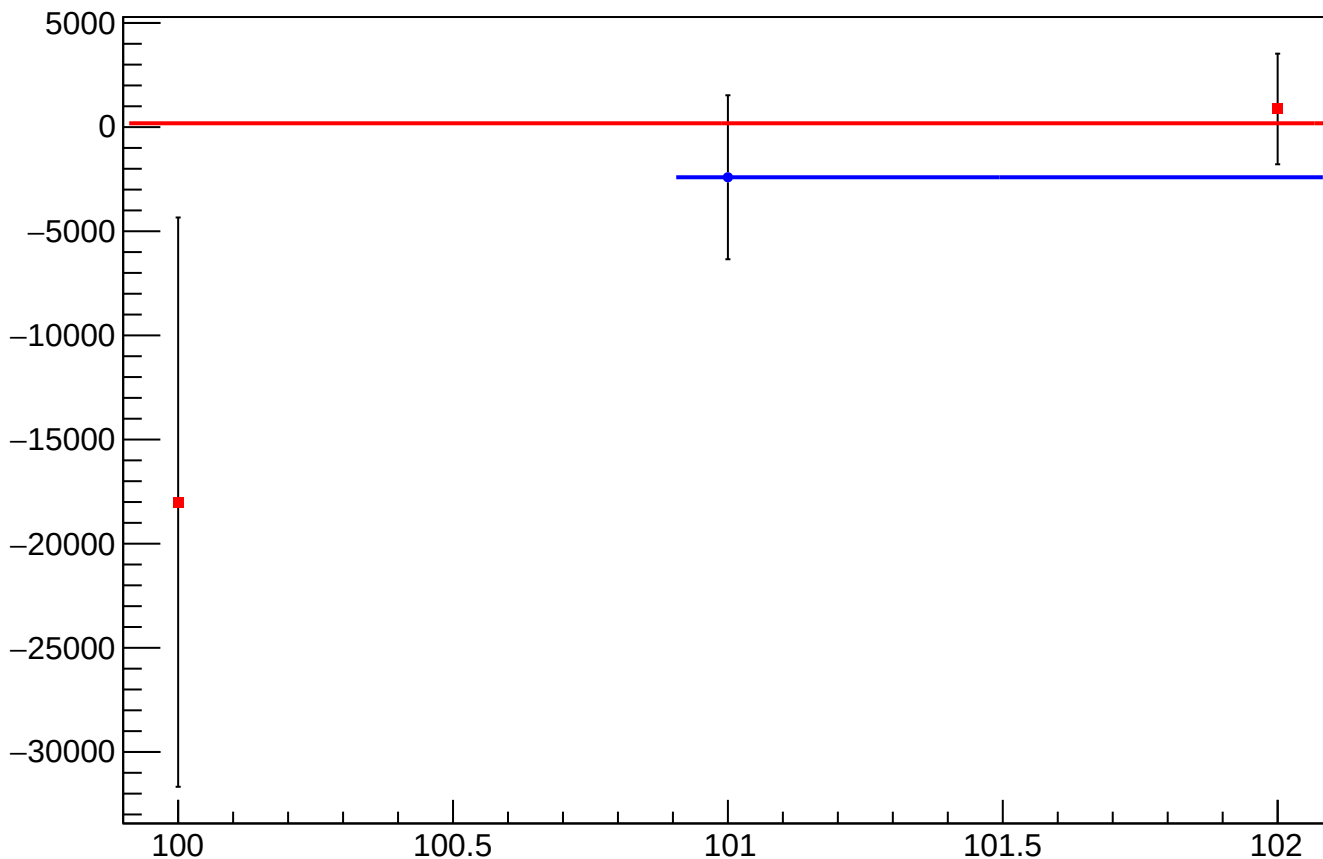
Right: 1446.991 $\pm$ 0.876 χ^2 /NDF: 21671.4/2

In: 1347.822 $\pm$ 1.177 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1446.991 $\pm$ 0.876 χ^2 /NDF: 21671.4/2

eigen_dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -2408.031+/-3936.217 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 183.892+/-2606.495 χ^2 /NDF: 1.8/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

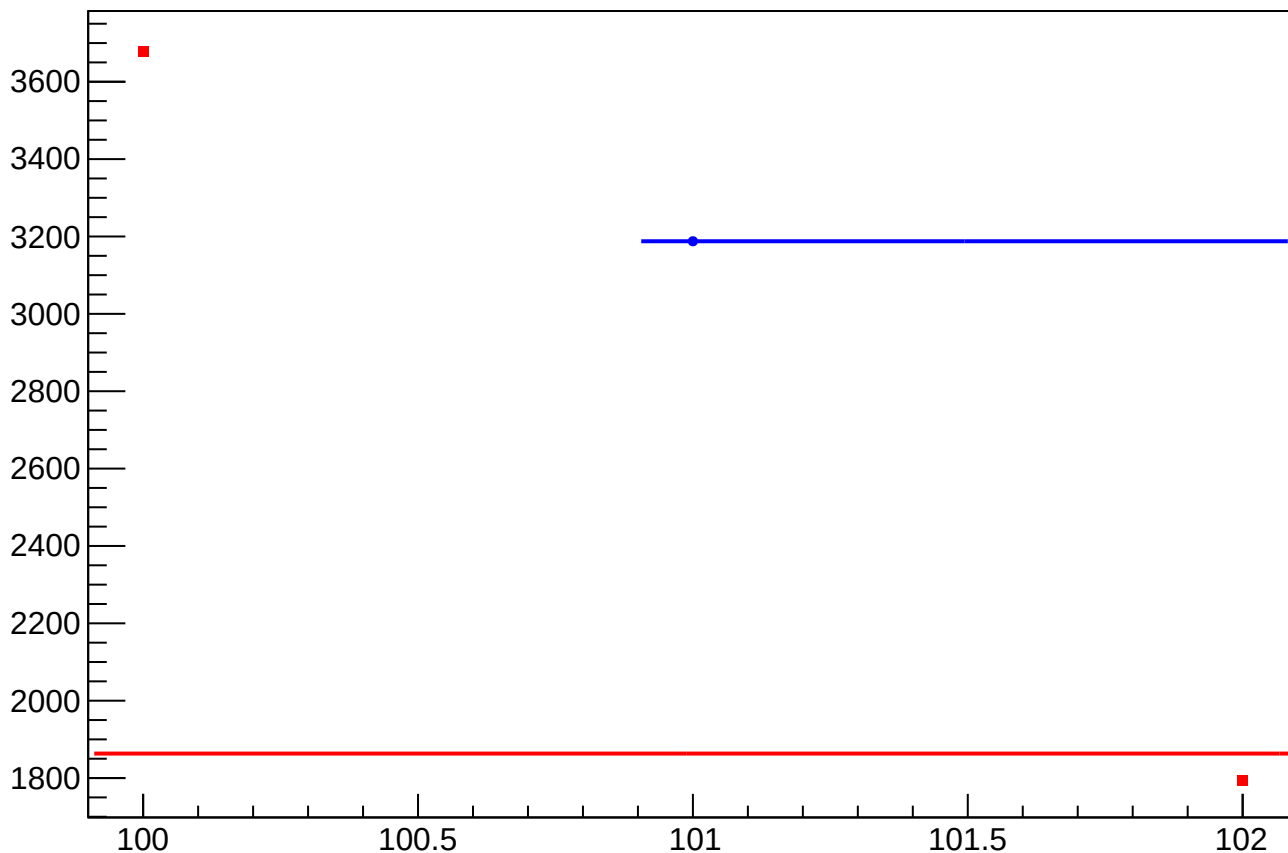
Right: -606.190+/-2173.222 χ^2 /NDF: 2.1/2

In: -2408.031+/-3936.217 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -606.190+/-2173.222 χ^2 /NDF: 2.1/2

eigen_dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 3187.676+/-2.783 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1863.329+/-1.843 χ^2/NDF : 36611.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

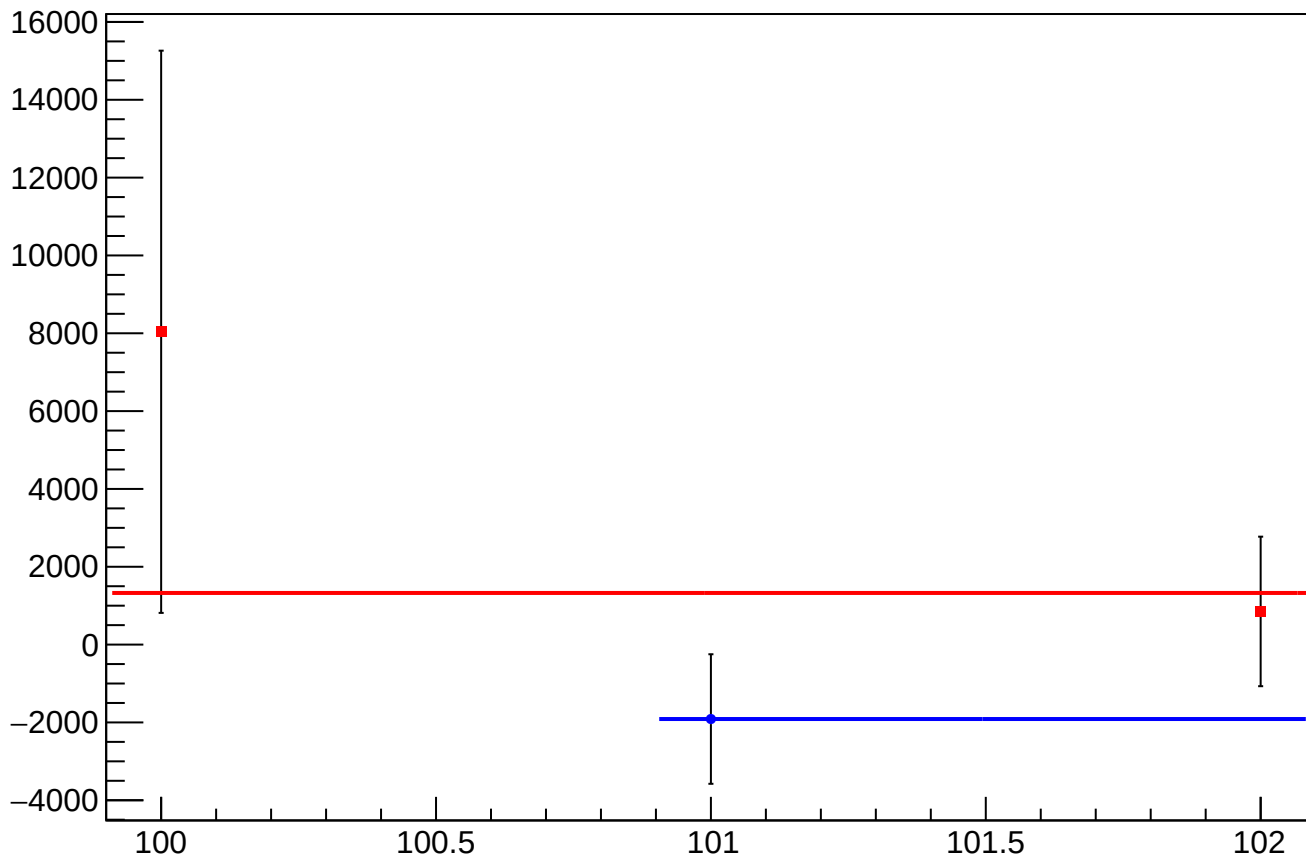
Right: 2267.018+/-1.537 χ^2/NDF : 194000.1/2

In: 3187.676+/-2.783 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2267.018+/-1.537 χ^2/NDF : 194000.1/2

asym_atl_avg_atr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1912.593+/-1664.526 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1326.947+/-1856.751 χ^2/NDF : 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

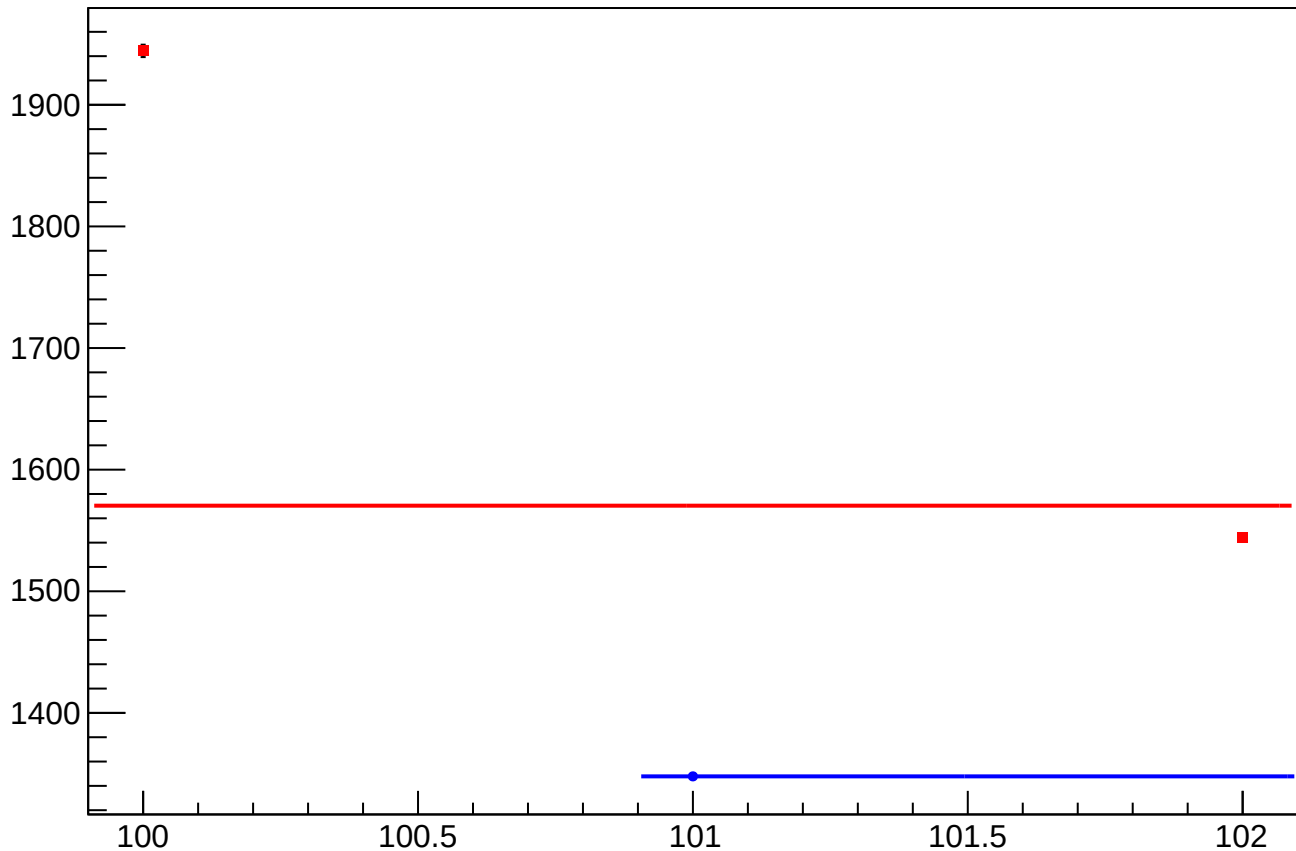
Right: -469.142+/-1239.404 χ^2/NDF : 2.6/2

In: -1912.593+/-1664.526 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -469.142+/-1239.404 χ^2/NDF : 2.6/2

asym_atl_avg_atr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1347.818 $\pm$ 1.177 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1570.388 $\pm$ 1.313 χ^2 /NDF: 5738.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

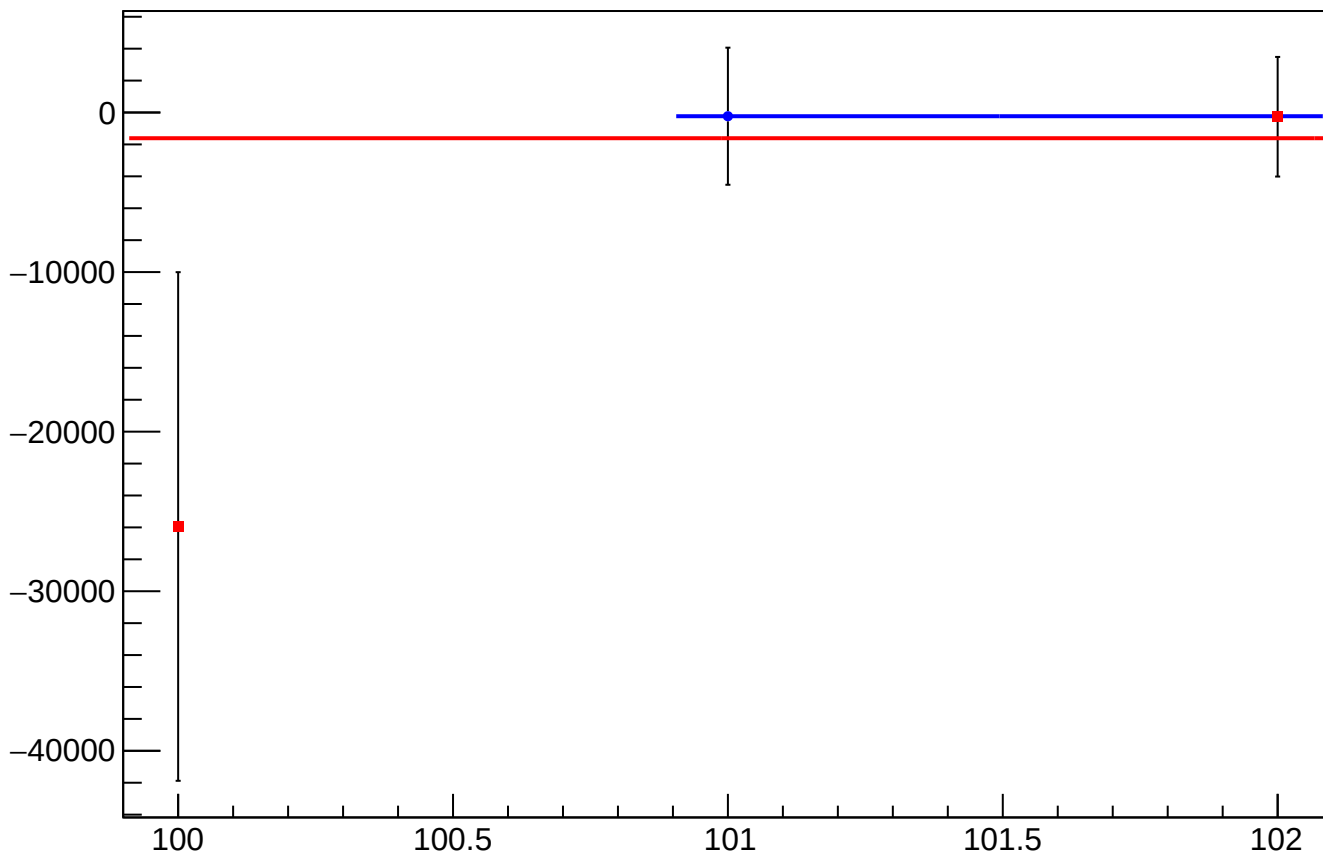
Right: 1446.989 $\pm$ 0.876 χ^2 /NDF: 21671.9/2

In: 1347.818 $\pm$ 1.177 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1446.989 $\pm$ 0.876 χ^2 /NDF: 21671.9/2

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -232.899+/-4295.530 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1611.541+/-3648.690 χ^2/NDF : 2.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

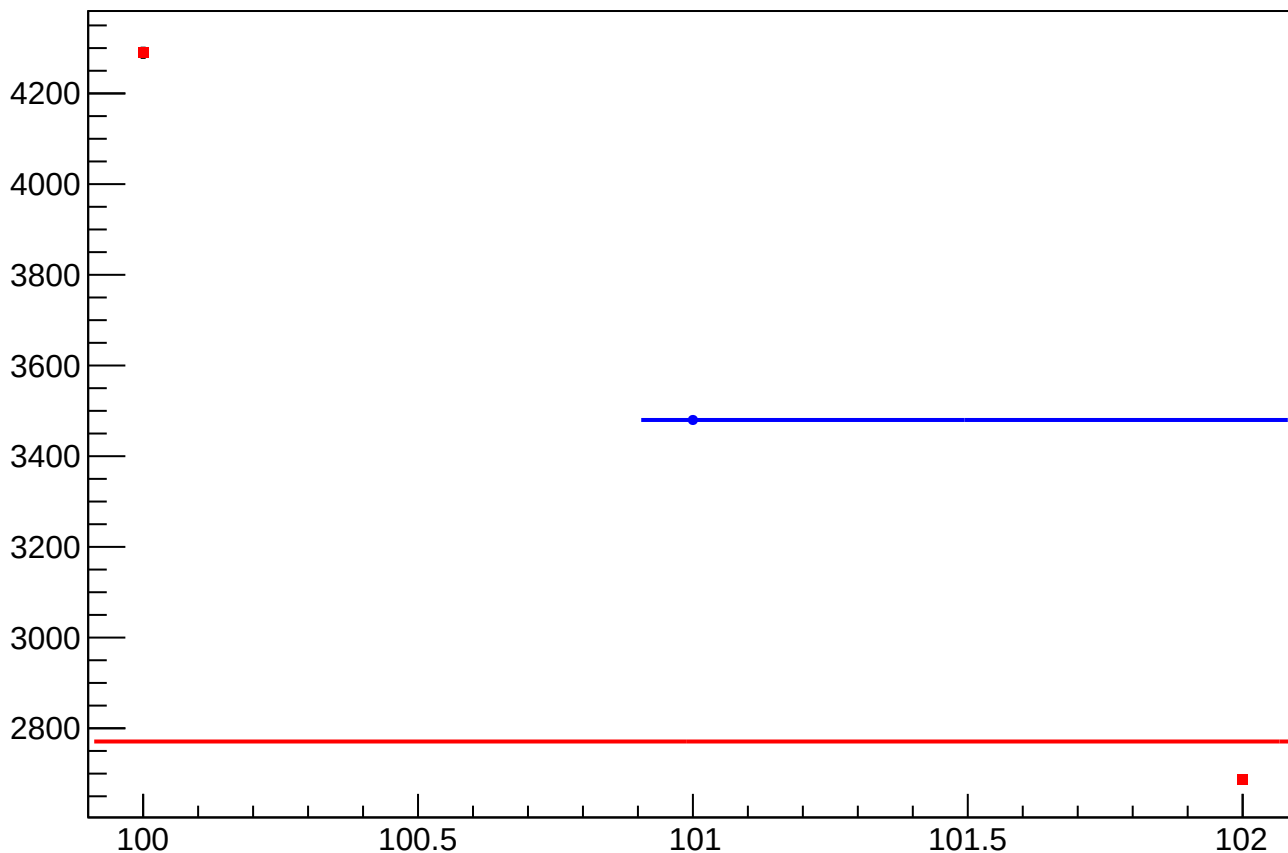
Right: -1033.734+/-2780.882 χ^2/NDF : 2.5/2

In: -232.899+/-4295.530 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1033.734+/-2780.882 χ^2/NDF : 2.5/2

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 3479.882 $\pm$ 3.037 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2770.825 $\pm$ 2.580 χ^2 /NDF: 19170.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

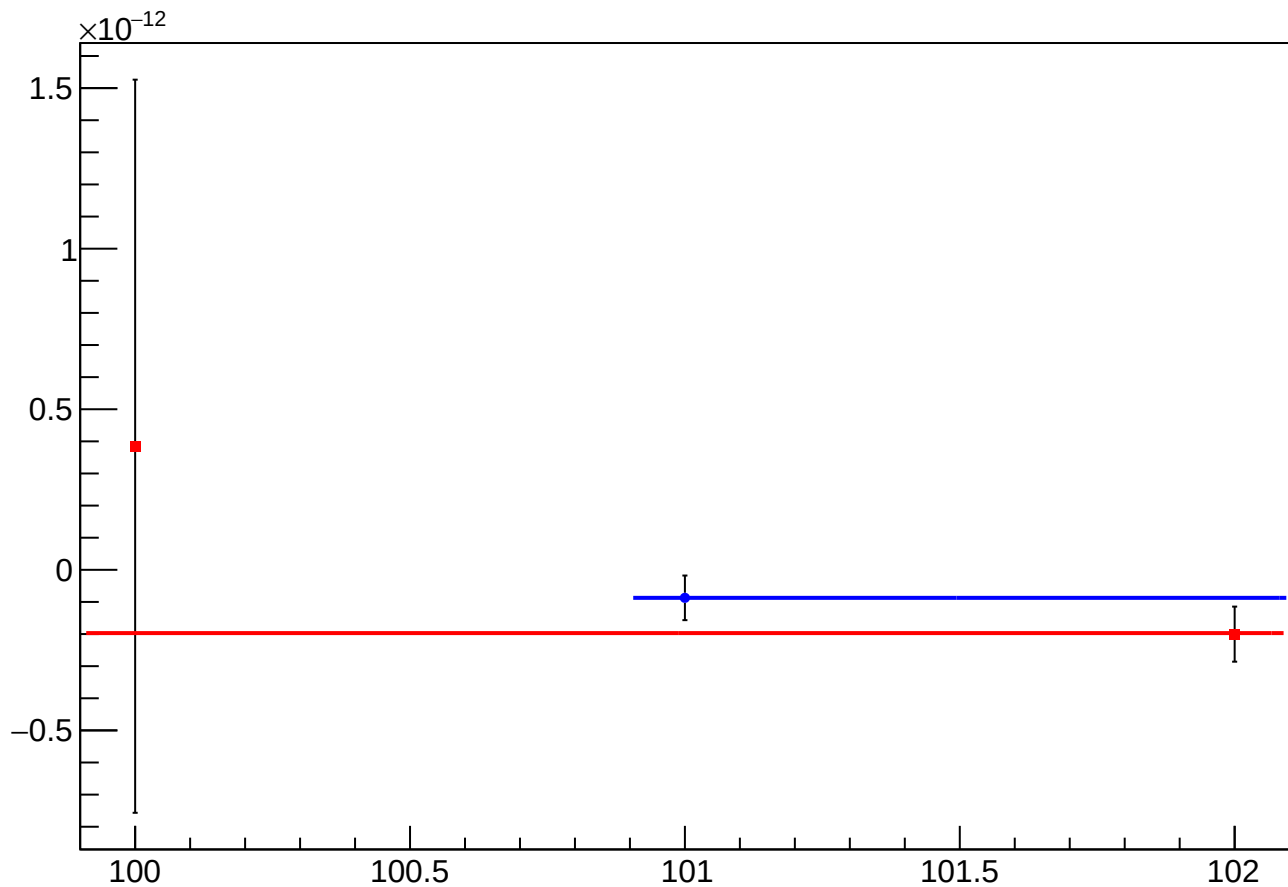
Right: 3067.994 $\pm$ 1.966 χ^2 /NDF: 50826.2/2

In: 3479.882 $\pm$ 3.037 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3067.994 $\pm$ 1.966 χ^2 /NDF: 50826.2/2

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

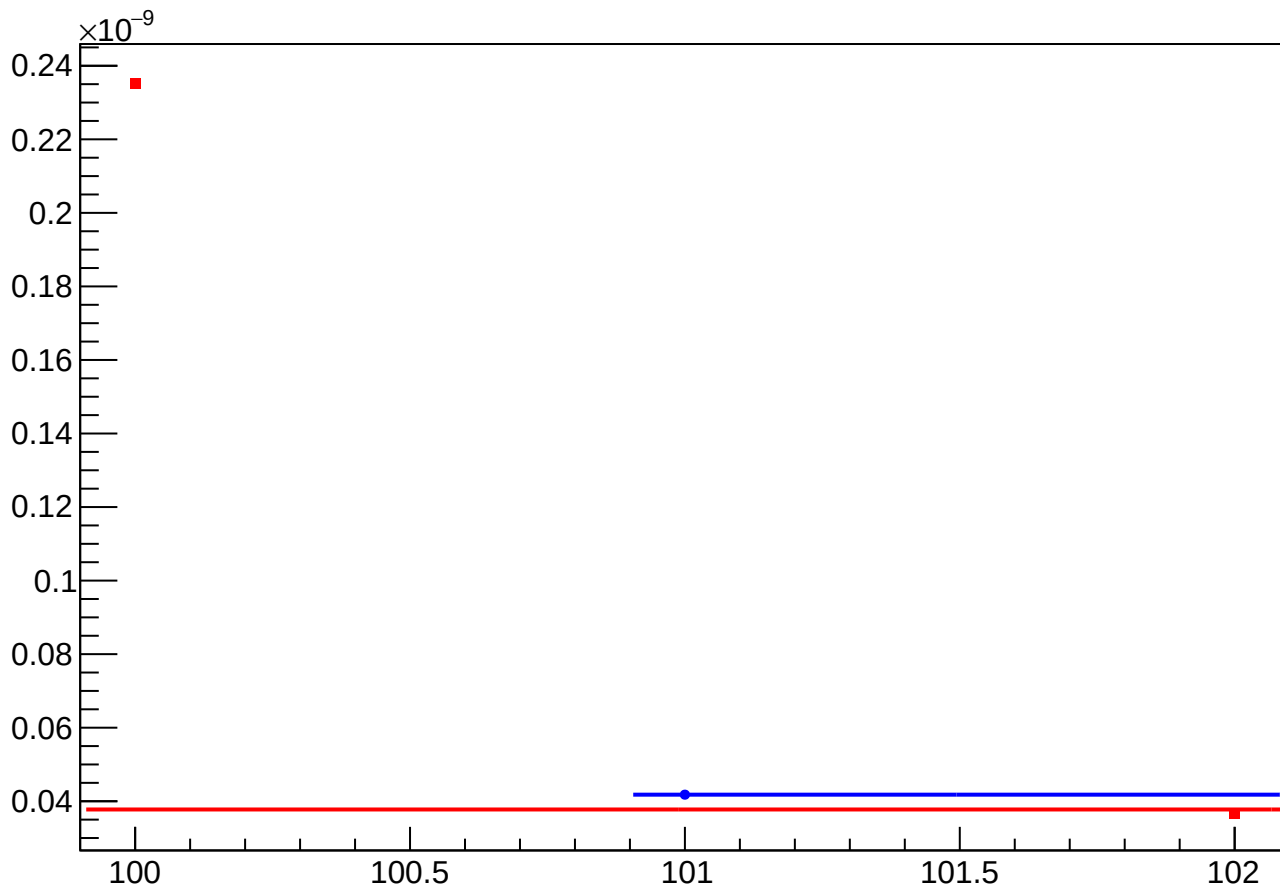
Right: -0.000+/-0.000 χ^2/NDF : 1.3/2

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 : 1.3/2

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_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 : 60144.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

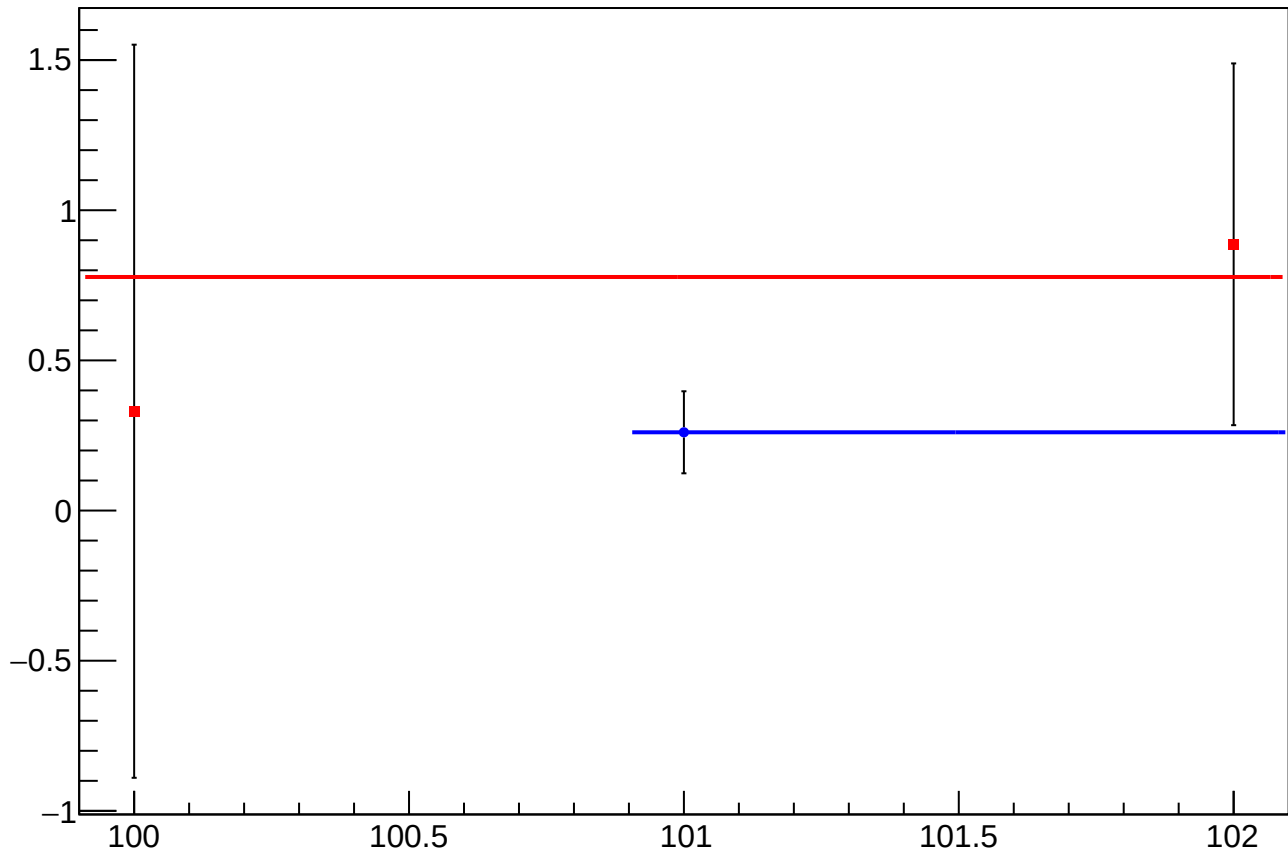
Right: 0.000+/-0.000 χ^2/NDF : 62818.7/2

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 : 62818.7/2

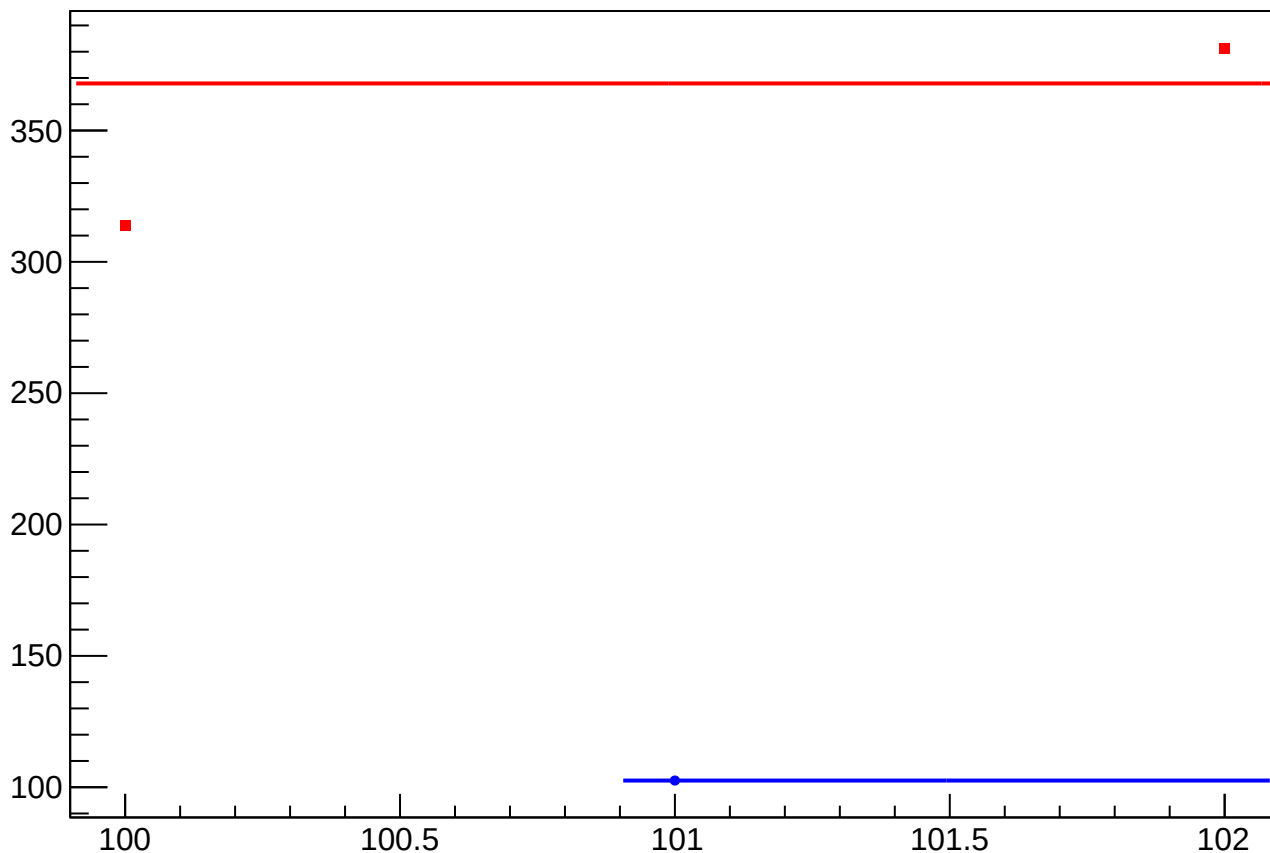
asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.261 $\pm$ 0.137 χ^2 /NDF: 0.0/0
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.778 $\pm$ 0.540 χ^2 /NDF: 0.2/1
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.292 $\pm$ 0.132 χ^2 /NDF: 1.0/2
 In: 0.261 $\pm$ 0.137 χ^2 /NDF:0.0/0
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.292 $\pm$ 0.132 χ^2 /NDF: 1.0/2

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 102.545 $\pm$ 0.097 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 367.919 $\pm$ 0.382 χ^2 /NDF: 4899.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

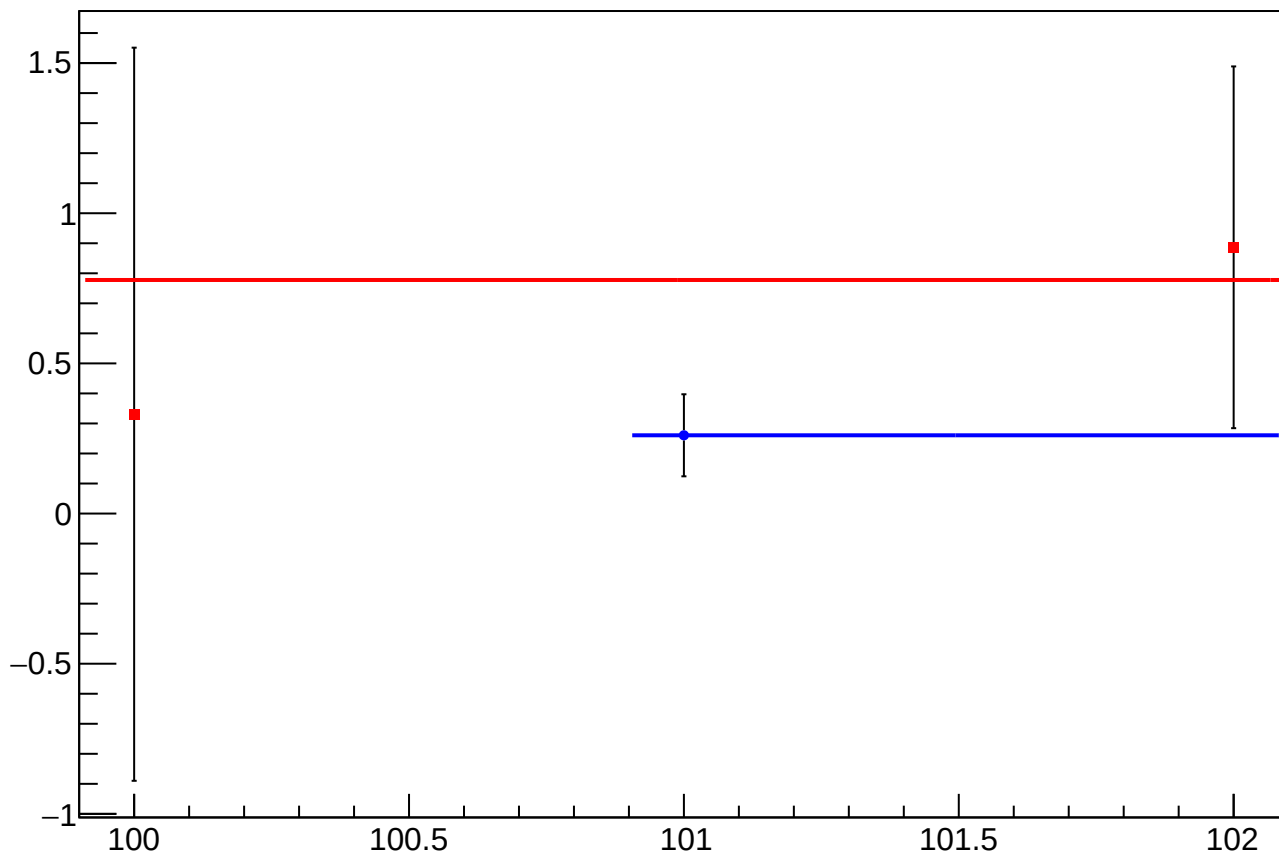
Right: 118.499 $\pm$ 0.094 χ^2 /NDF: 458701.6/2

In: 102.545 $\pm$ 0.097 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 118.499 $\pm$ 0.094 χ^2 /NDF: 458701.6/2

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.261 $\pm$ 0.137 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.778 $\pm$ 0.540 χ^2 /NDF: 0.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

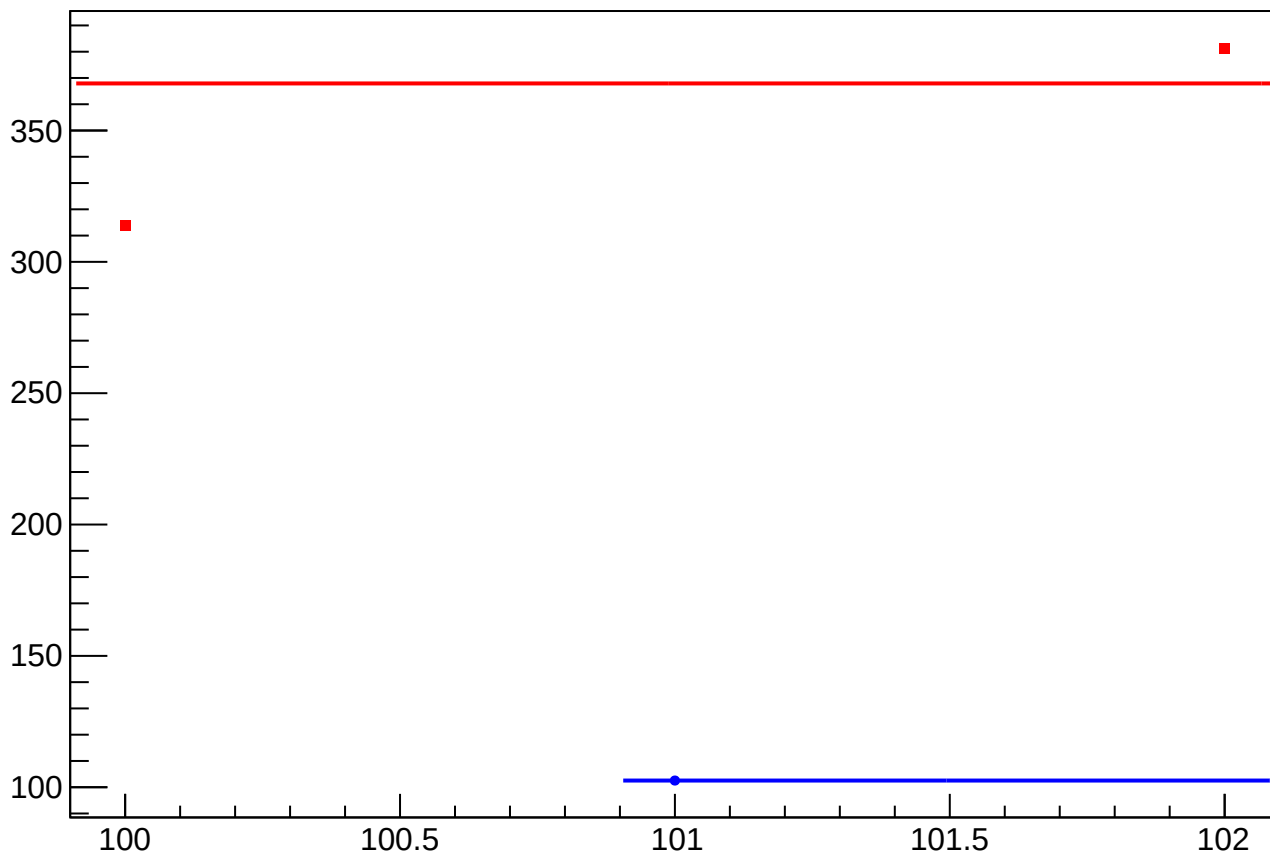
Right: 0.292 $\pm$ 0.132 χ^2 /NDF: 1.0/2

In: 0.261 $\pm$ 0.137 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.292 $\pm$ 0.132 χ^2 /NDF: 1.0/2

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 102.545 $\pm$ 0.097 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 367.919 $\pm$ 0.382 χ^2 /NDF: 4899.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

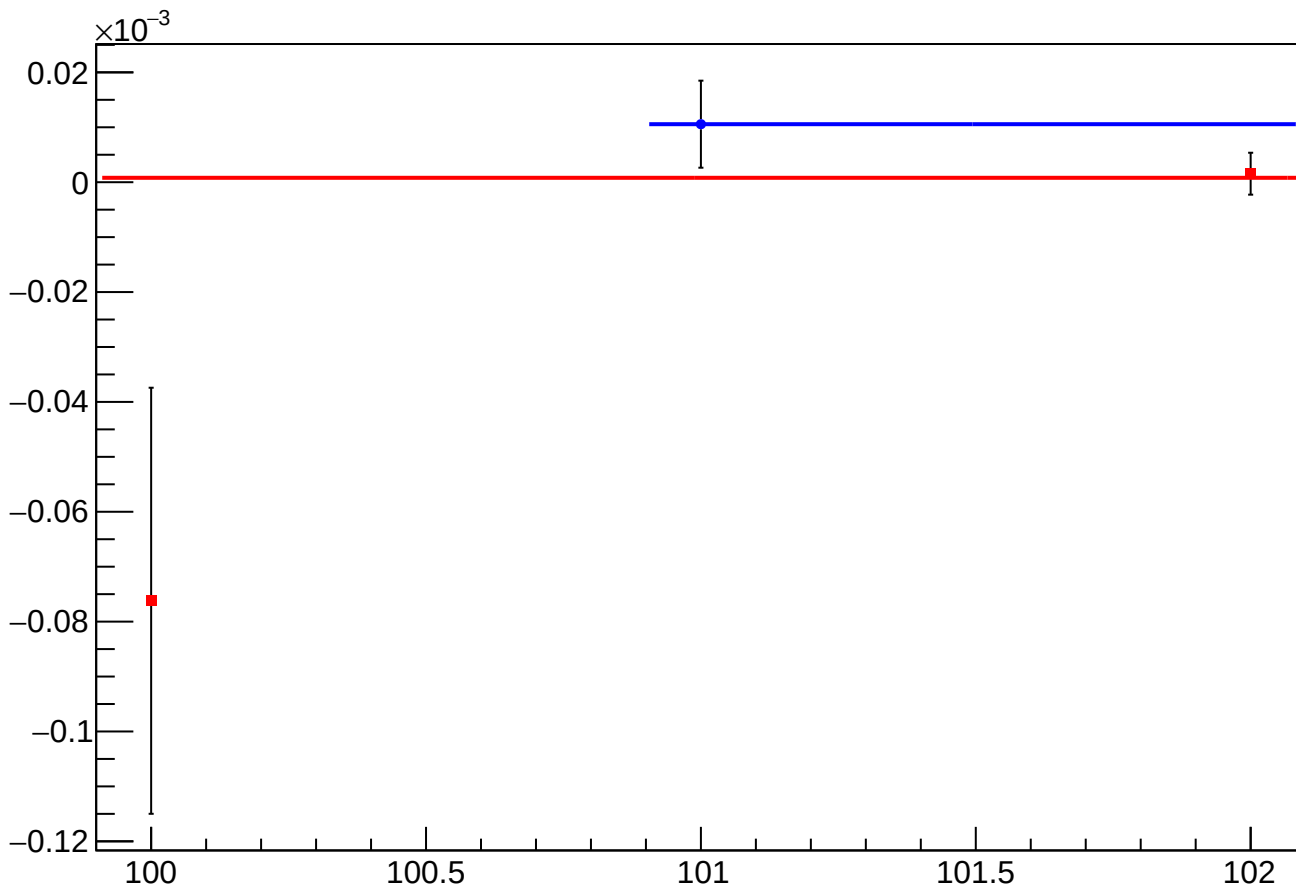
Right: 118.499 $\pm$ 0.094 χ^2 /NDF: 458701.6/2

In: 102.545 $\pm$ 0.097 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 118.499 $\pm$ 0.094 χ^2 /NDF: 458701.6/2

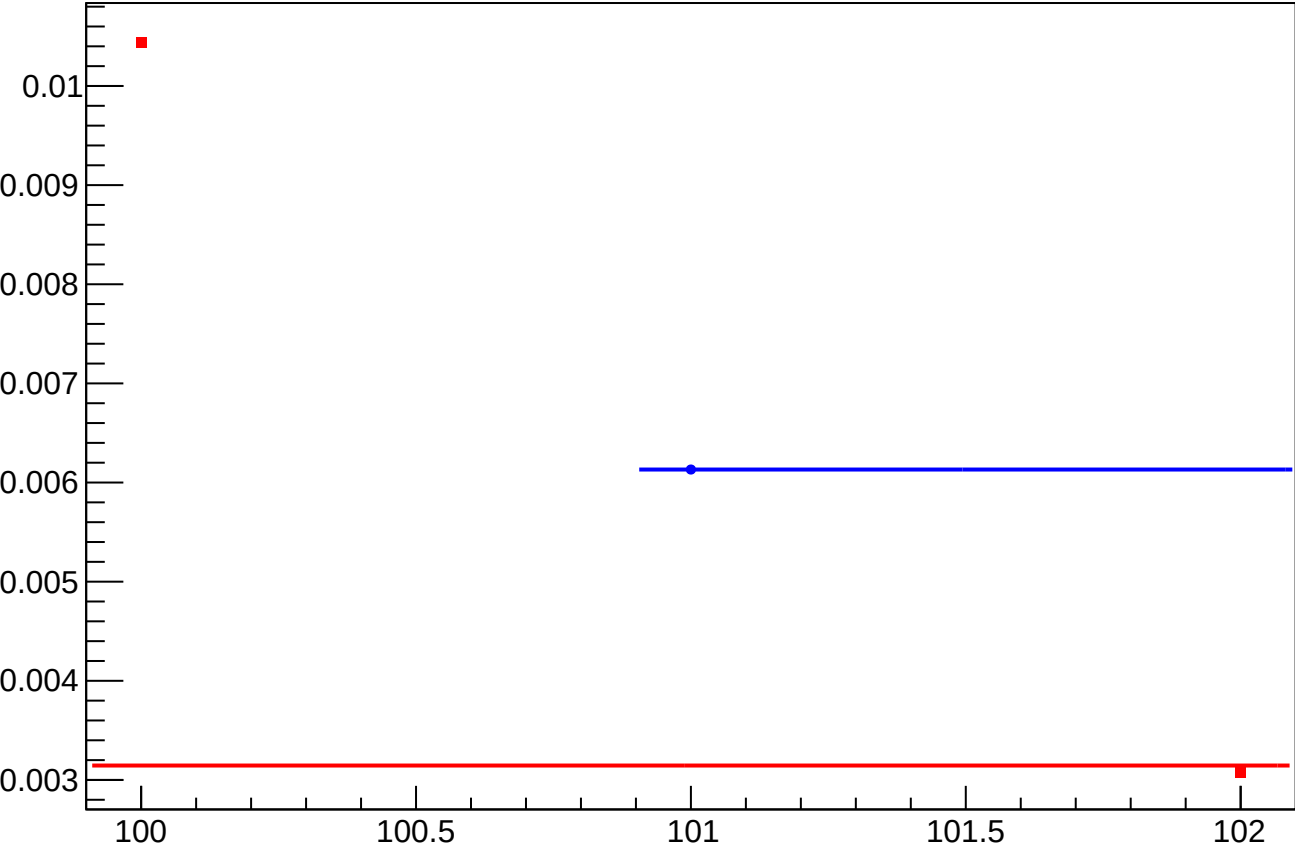
asym_atl_avg_atr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 4.0/1
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 5.2/2
 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 : 5.2/2

asym_atl_avg_atr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 71423.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

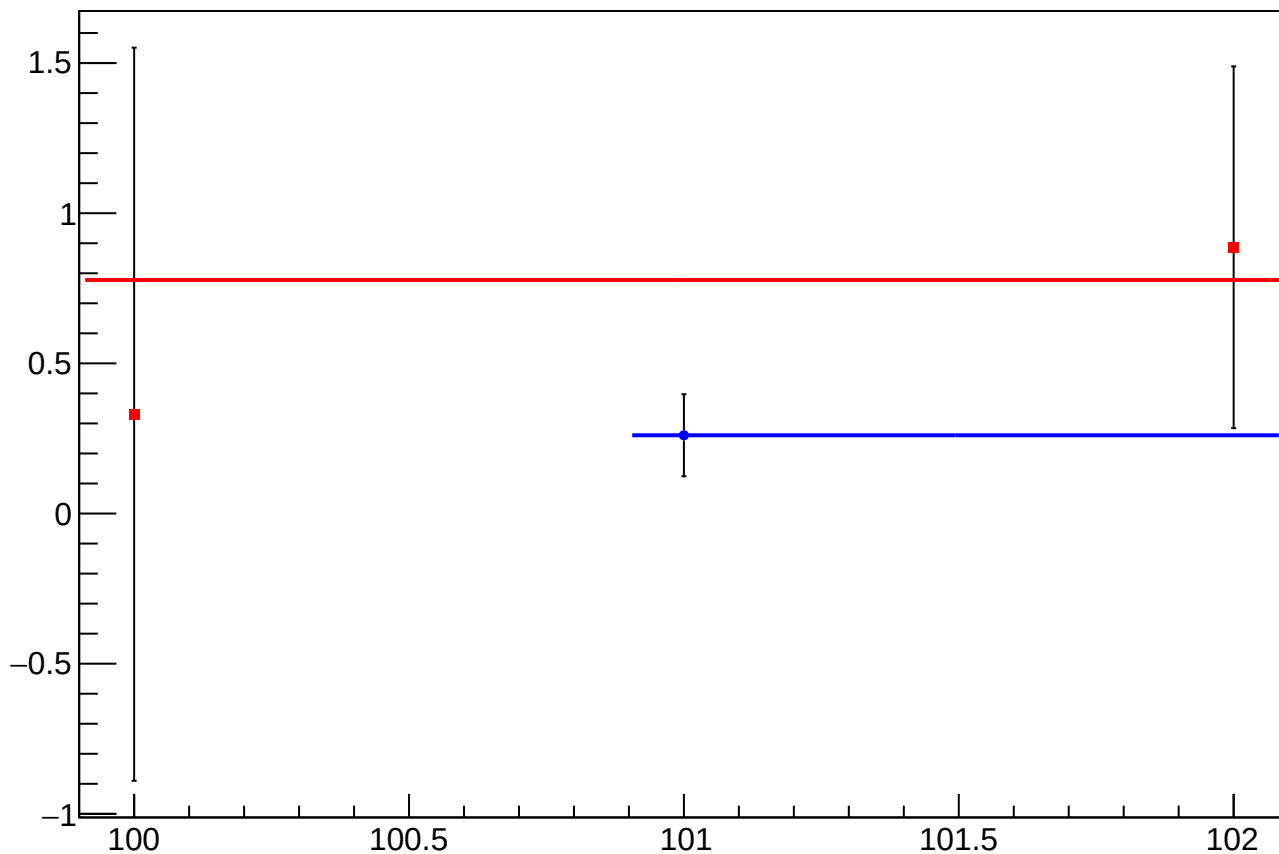
Right: 0.004+/-0.000 χ^2/NDF : 302362.1/2

In: 0.006+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 302362.1/2

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.261 $\pm$ 0.137 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.778 $\pm$ 0.540 χ^2 /NDF: 0.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

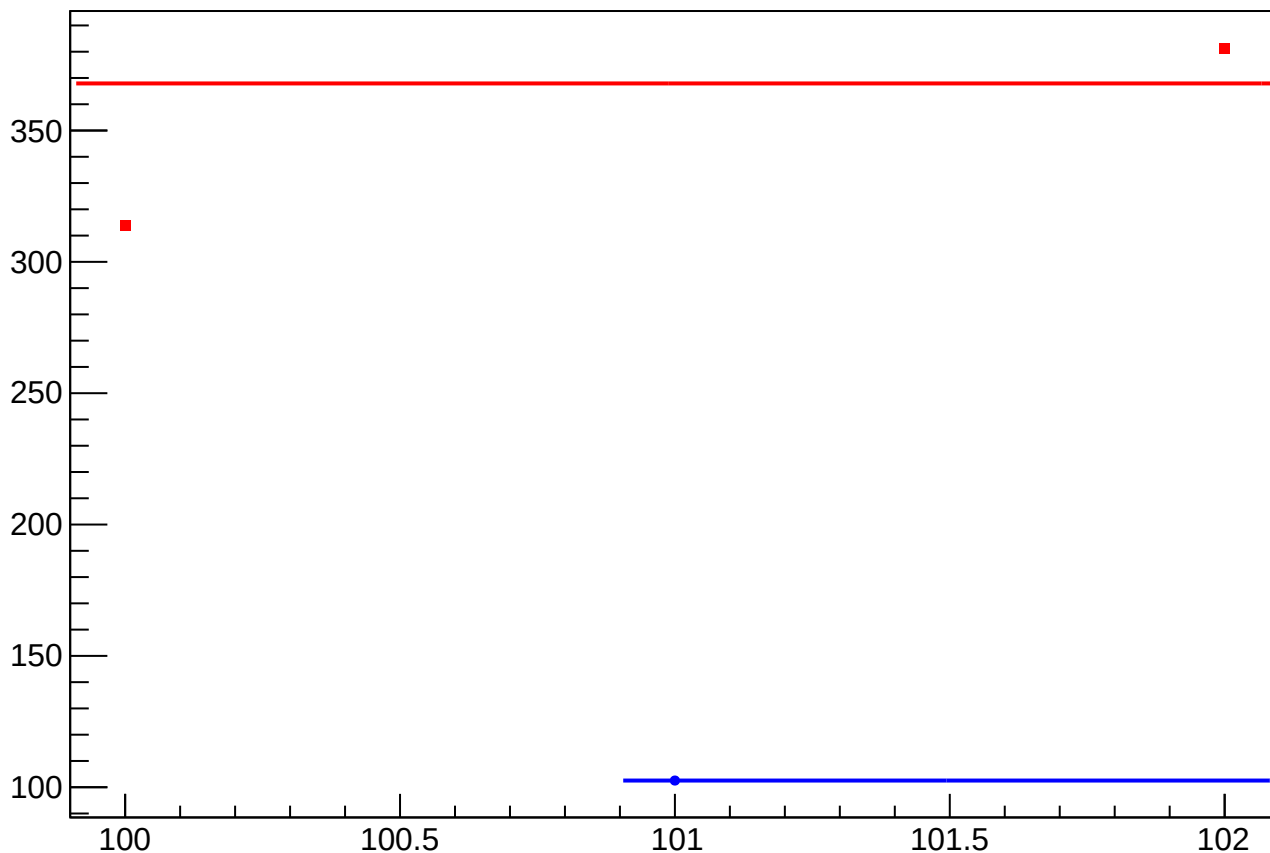
Right: 0.292 $\pm$ 0.132 χ^2 /NDF: 1.0/2

In: 0.261 $\pm$ 0.137 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.292 $\pm$ 0.132 χ^2 /NDF: 1.0/2

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 102.546 $\pm$ 0.097 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 367.922 $\pm$ 0.382 χ^2 /NDF: 4898.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

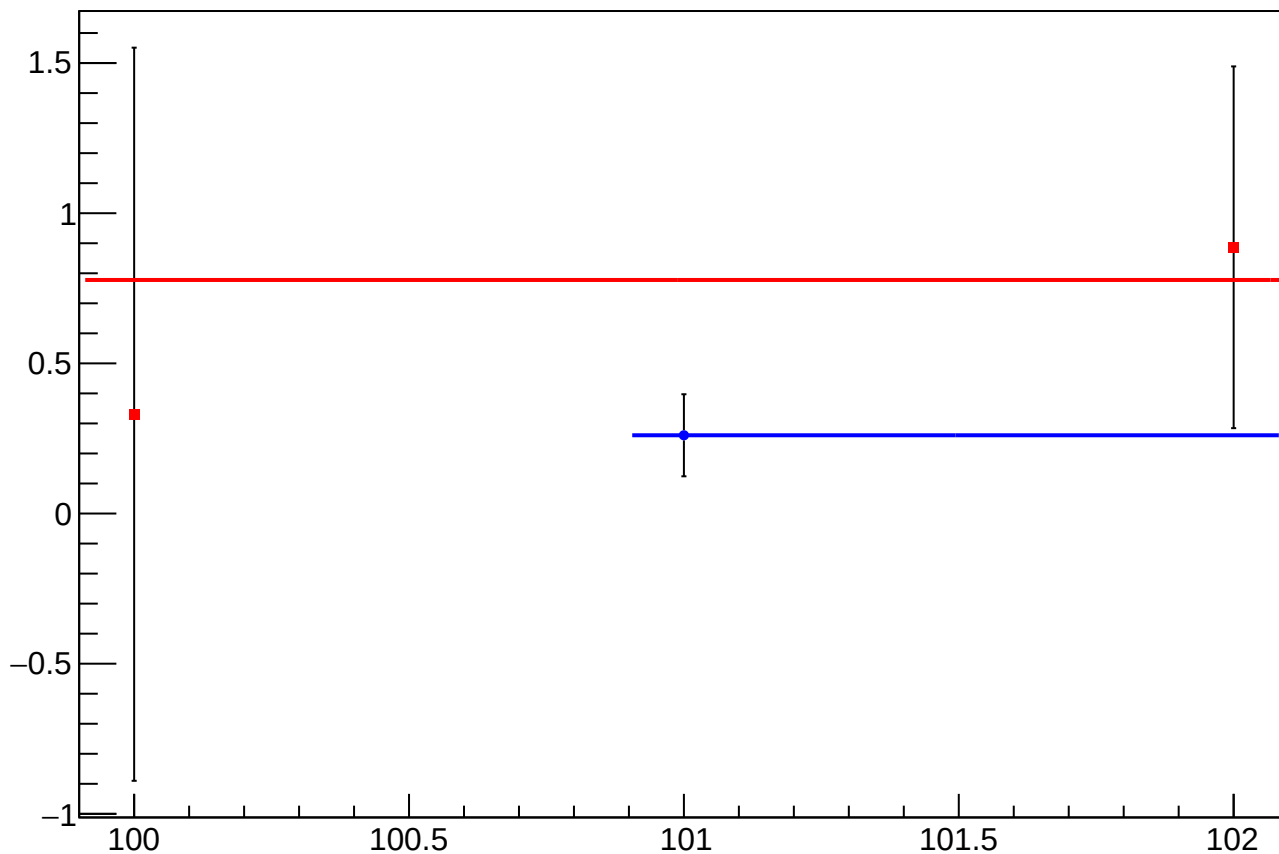
Right: 118.501 $\pm$ 0.094 χ^2 /NDF: 458699.5/2

In: 102.546 $\pm$ 0.097 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 118.501 $\pm$ 0.094 χ^2 /NDF: 458699.5/2

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.261 $\pm$ 0.137 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.778 $\pm$ 0.540 χ^2 /NDF: 0.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

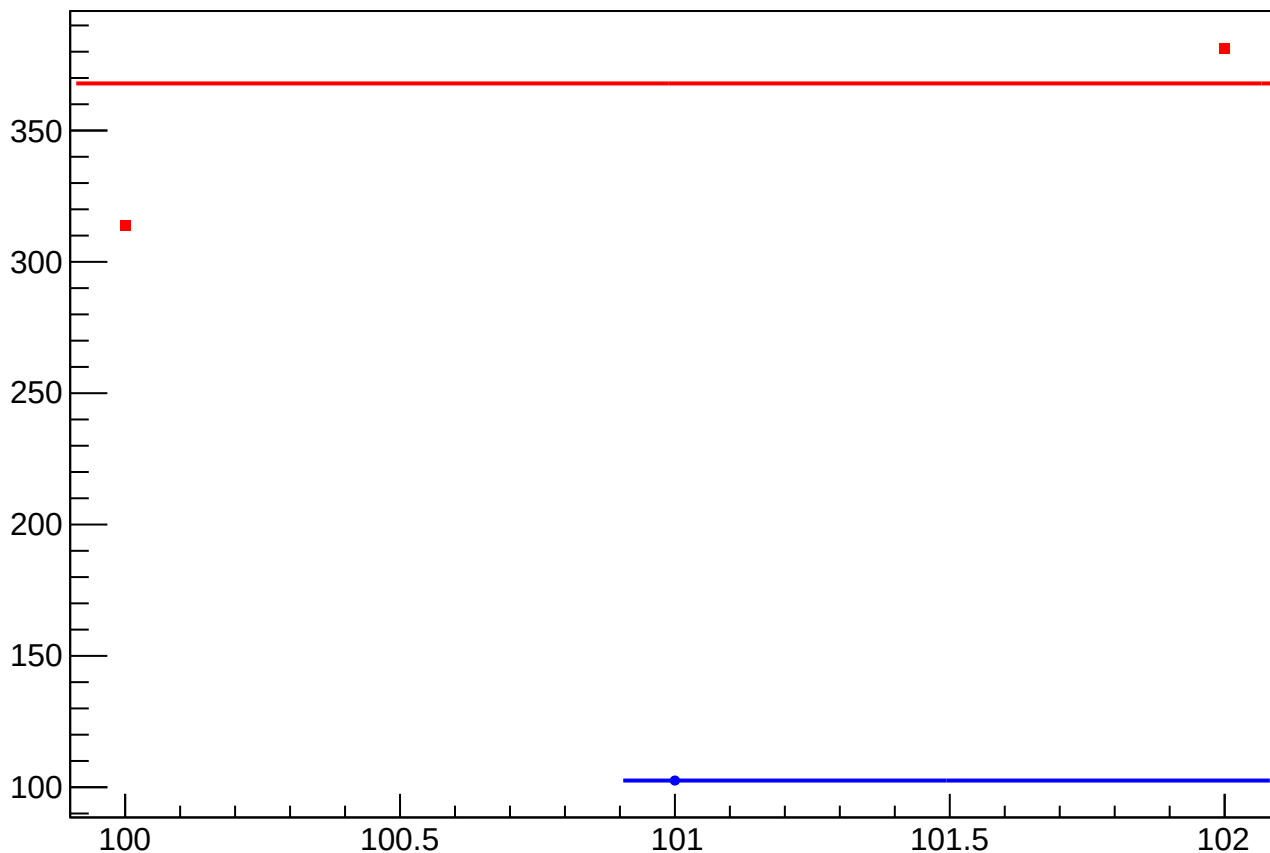
Right: 0.292 $\pm$ 0.132 χ^2 /NDF: 1.0/2

In: 0.261 $\pm$ 0.137 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.292 $\pm$ 0.132 χ^2 /NDF: 1.0/2

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 102.546 $\pm$ 0.097 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 367.922 $\pm$ 0.382 χ^2 /NDF: 4898.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

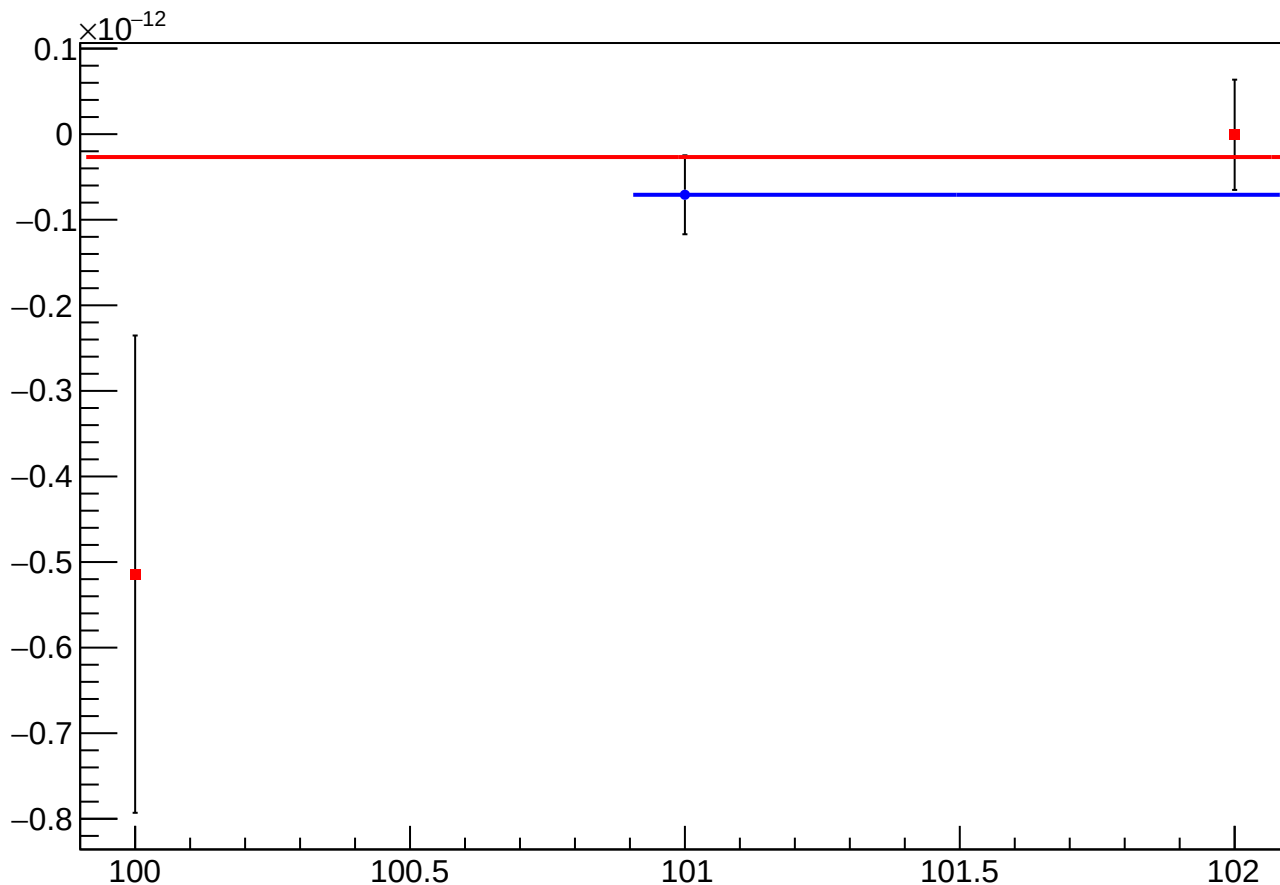
Right: 118.501 $\pm$ 0.094 χ^2 /NDF: 458699.5/2

In: 102.546 $\pm$ 0.097 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 118.501 $\pm$ 0.094 χ^2 /NDF: 458699.5/2

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: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 3.2/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

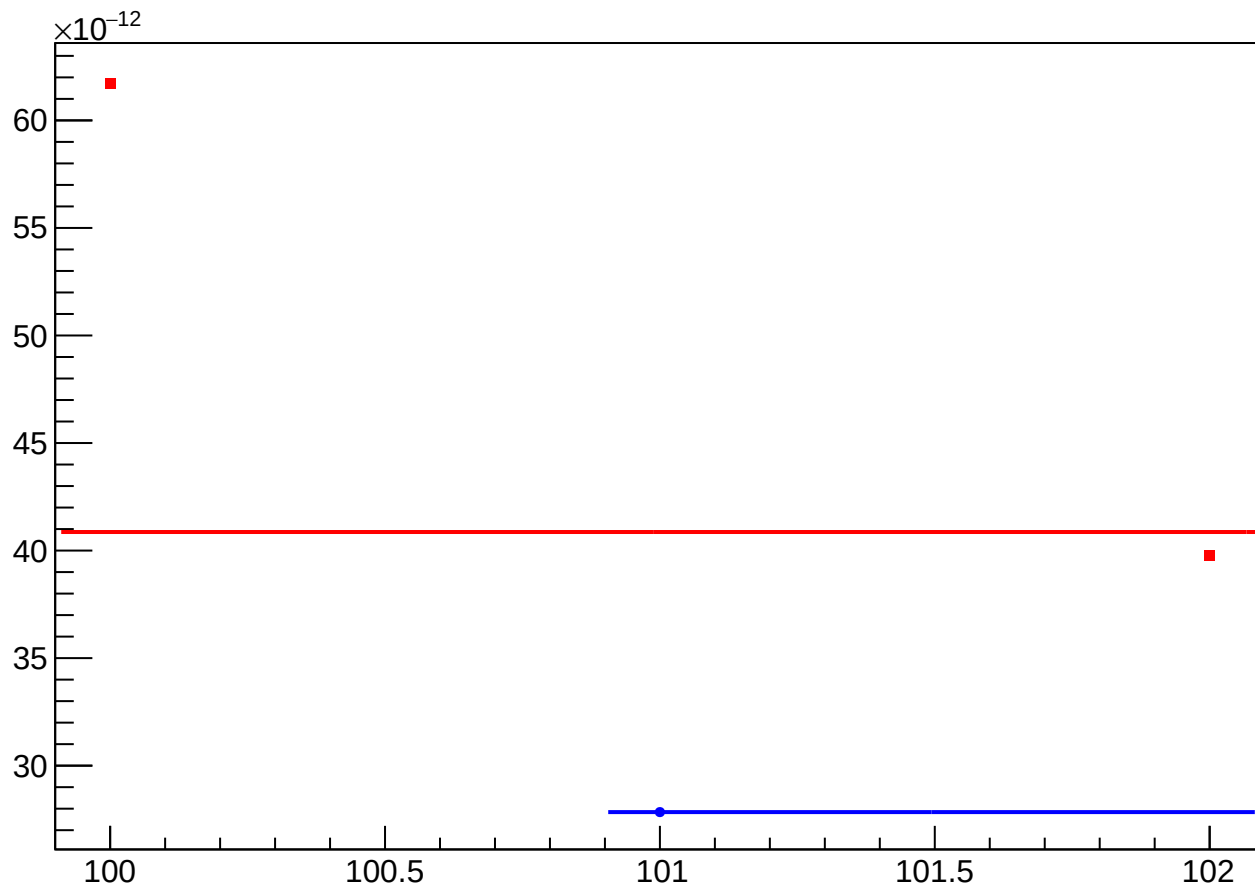
Right: -0.000+/-0.000 χ^2 /NDF: 3.5/2

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: 3.5/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11758.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

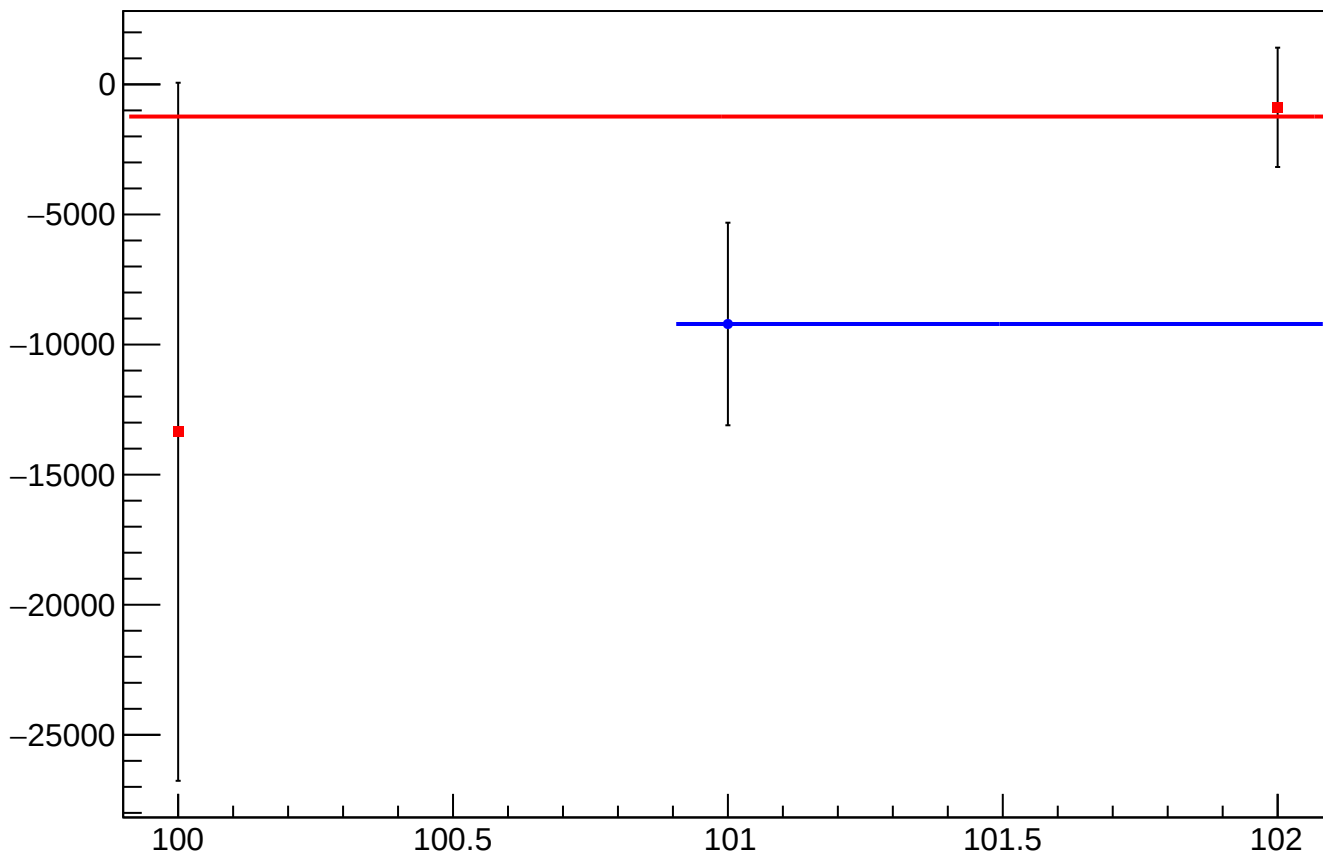
Right: 0.000+/-0.000 χ^2/NDF : 67675.7/2

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 : 67675.7/2

reg_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -9209.362+/-3893.119 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1236.148+/-2260.471 χ^2/NDF : 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

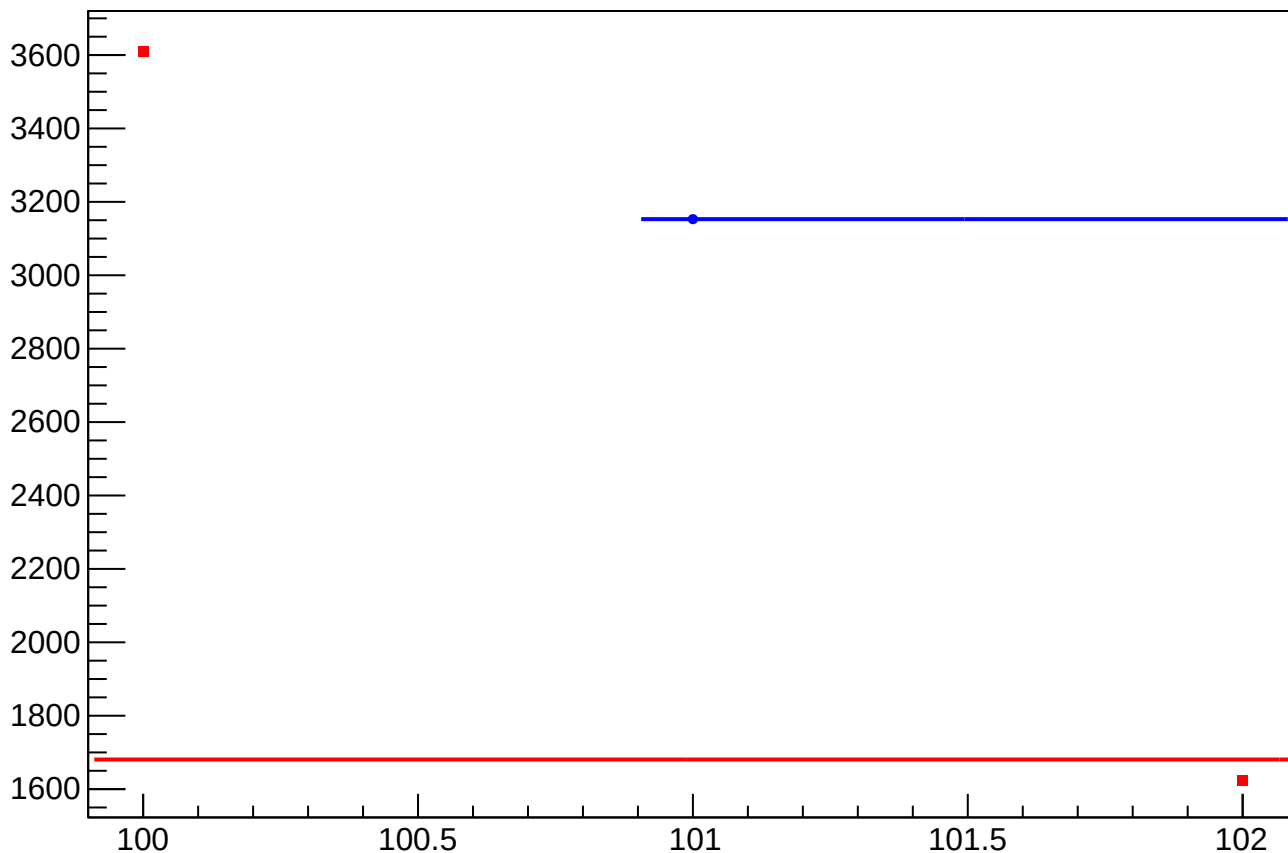
Right: -3246.448+/-1954.841 χ^2/NDF : 4.0/2

In: -9209.362+/-3893.119 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3246.448+/-1954.841 χ^2/NDF : 4.0/2

reg_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 3152.882 $\pm$ 2.753 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1680.718 $\pm$ 1.598 χ^2 /NDF: 42600.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

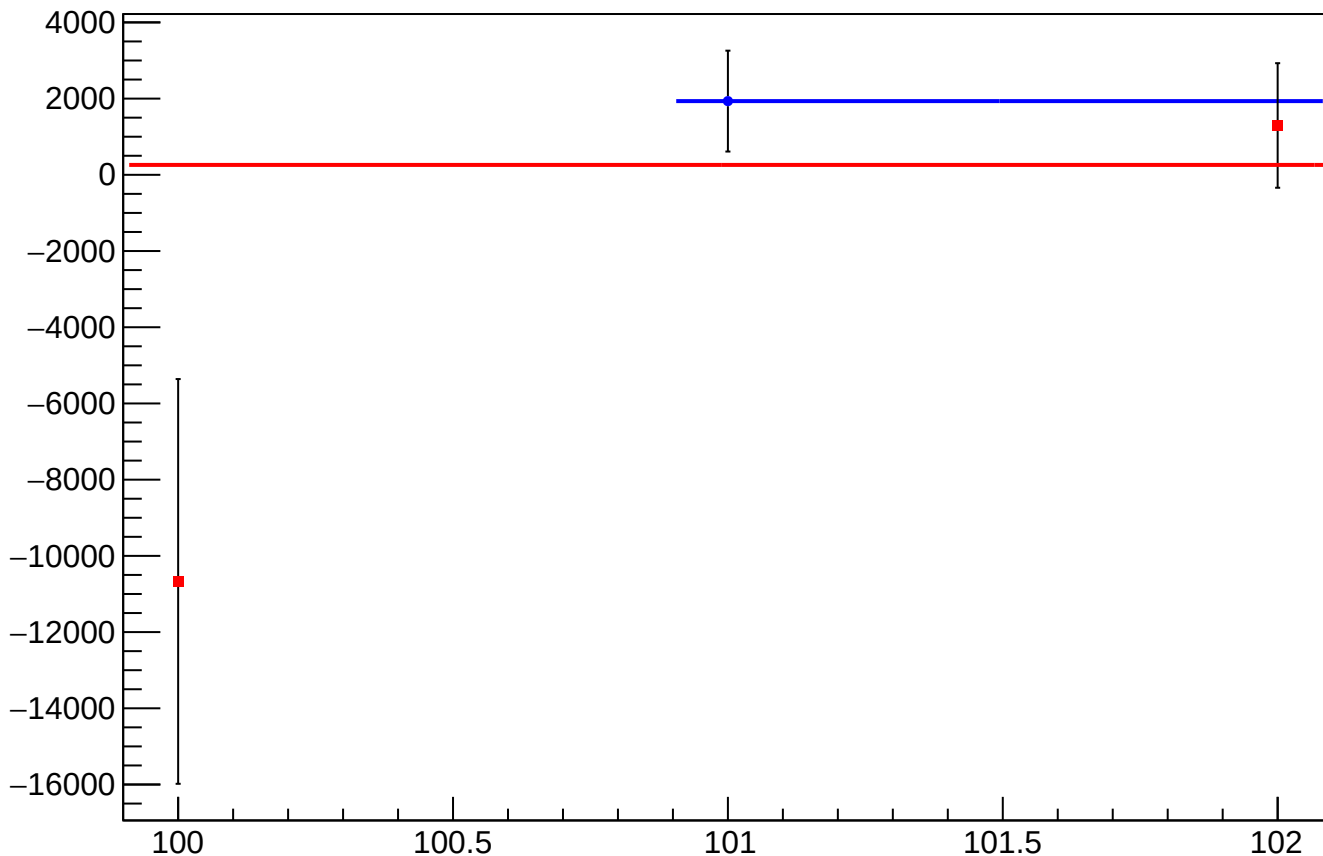
Right: 2051.861 $\pm$ 1.382 χ^2 /NDF: 256488.9/2

In: 3152.882 $\pm$ 2.753 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2051.861 $\pm$ 1.382 χ^2 /NDF: 256488.9/2

asym_atl_dd_atr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 1934.433+/-1323.538 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 259.894+/-1562.108 χ^2/NDF : 4.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

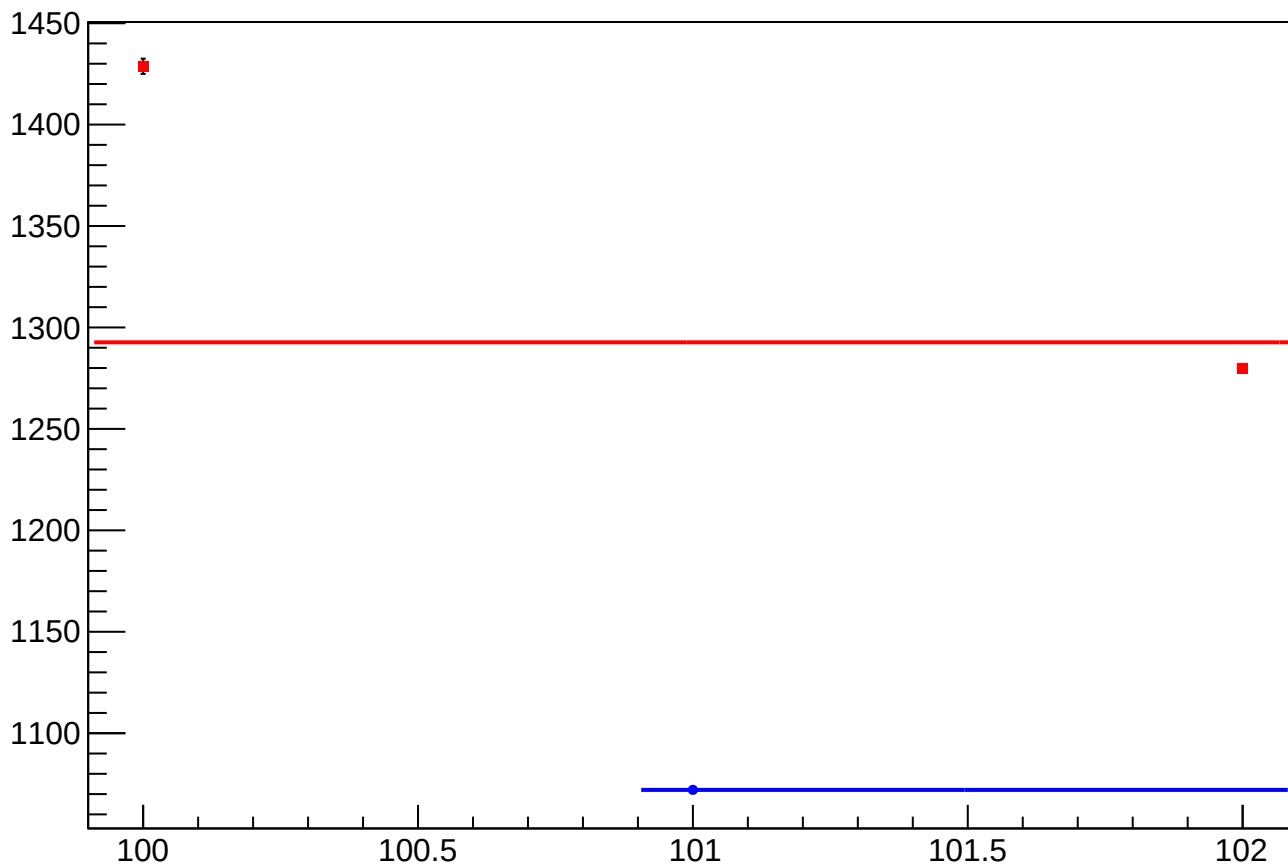
Right: 1234.666+/-1009.811 χ^2/NDF : 5.3/2

In: 1934.433+/-1323.538 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1234.666+/-1009.811 χ^2/NDF : 5.3/2

asym_atl_dd_atr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1072.065 $\pm$ 0.936 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1292.663 $\pm$ 1.105 χ^2 /NDF: 1437.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

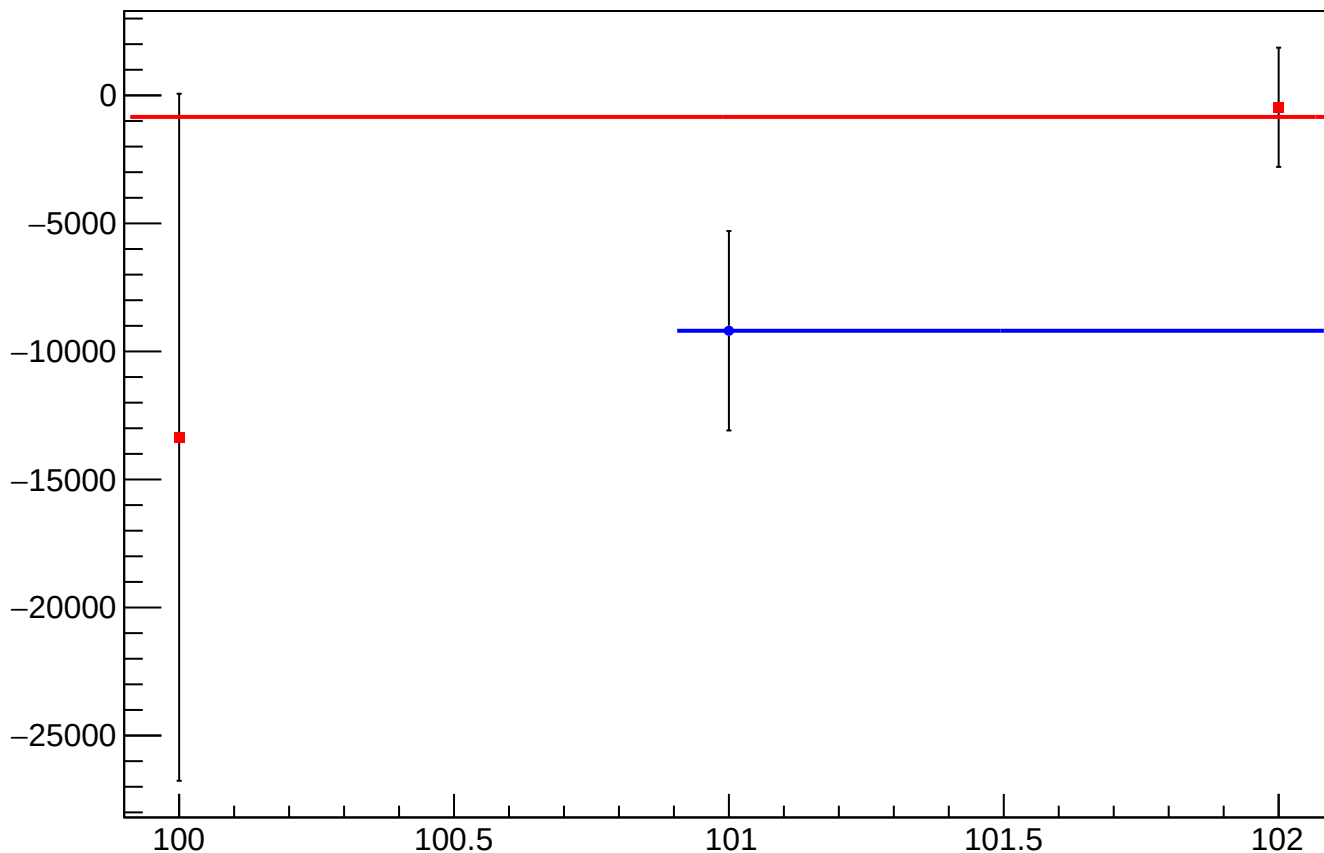
Right: 1164.250 $\pm$ 0.714 χ^2 /NDF: 24654.8/2

In: 1072.065 $\pm$ 0.936 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1164.250 $\pm$ 0.714 χ^2 /NDF: 24654.8/2

cor_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -9192.330 $\pm$ 3893.138 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -841.568 $\pm$ 2293.465 χ^2 /NDF: 0.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

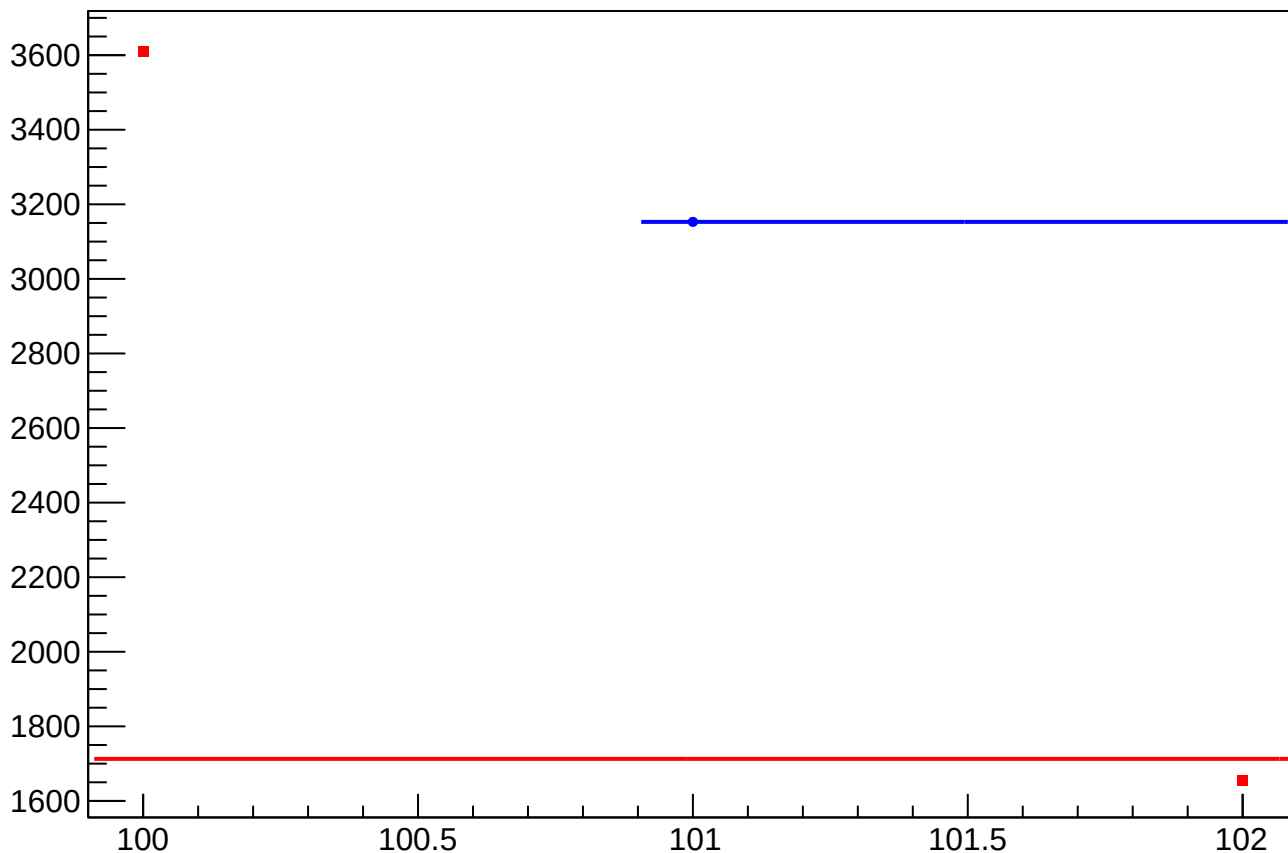
Right: -2993.006 $\pm$ 1976.065 χ^2 /NDF: 4.3/2

In: -9192.330 $\pm$ 3893.138 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2993.006 $\pm$ 1976.065 χ^2 /NDF: 4.3/2

cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 3152.894+/-2.753 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1712.777+/-1.622 χ^2/NDF : 41232.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

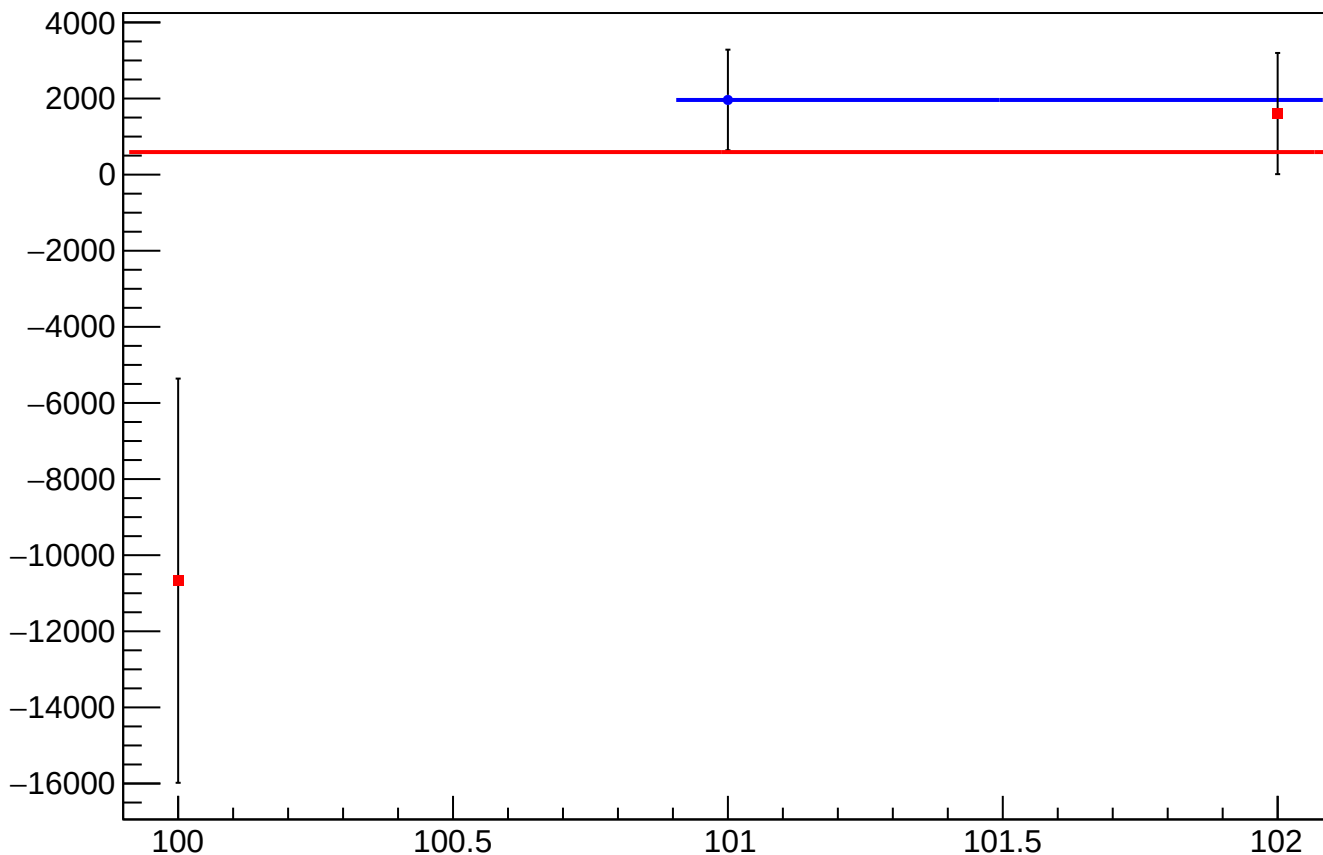
Right: 2083.763+/-1.397 χ^2/NDF : 244402.2/2

In: 3152.894+/-2.753 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2083.763+/-1.397 χ^2/NDF : 244402.2/2

asym_atl_dd_atr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1962.336+/-1321.461 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 592.935+/-1525.047 χ^2/NDF : 4.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

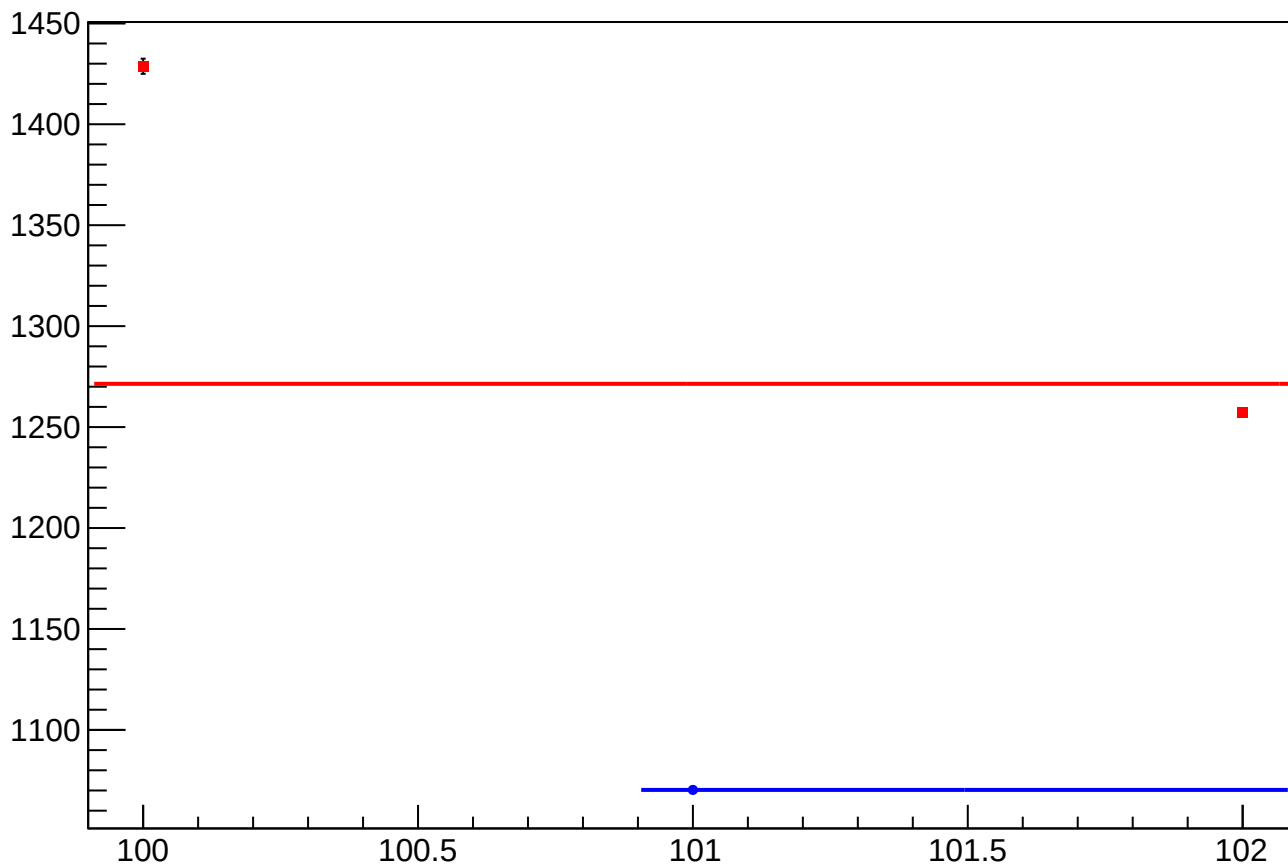
Right: 1375.079+/-998.693 χ^2/NDF : 5.4/2

In: 1962.336+/-1321.461 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1375.079+/-998.693 χ^2/NDF : 5.4/2

asym_atl_dd_atr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1070.284+/-0.934 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1271.432+/-1.078 χ^2/NDF : 1912.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

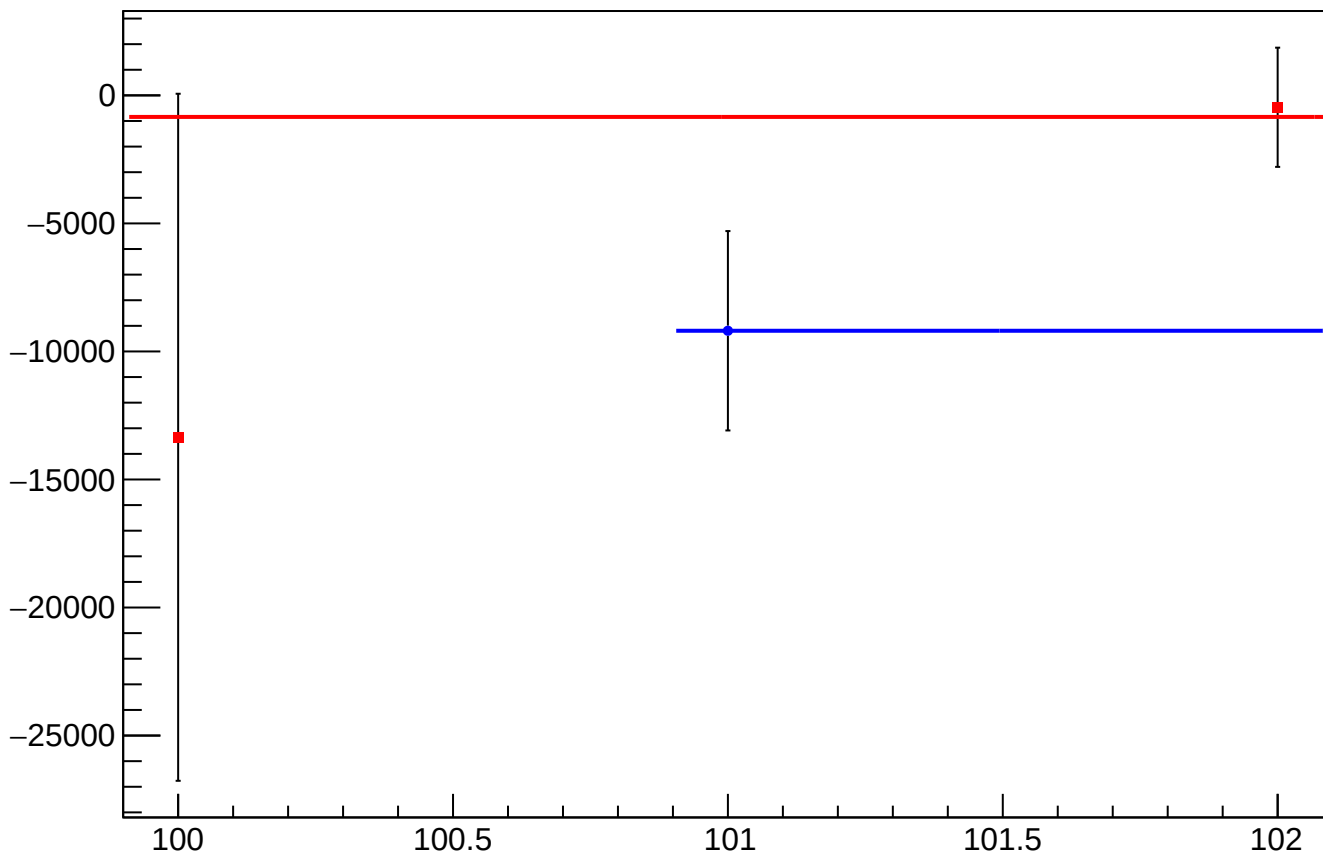
Right: 1156.545+/-0.706 χ^2/NDF : 21784.5/2

In: 1070.284+/-0.934 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1156.545+/-0.706 χ^2/NDF : 21784.5/2

eigen_cor_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -9192.330+/-3893.138 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -841.568+/-2293.465 χ^2/NDF : 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

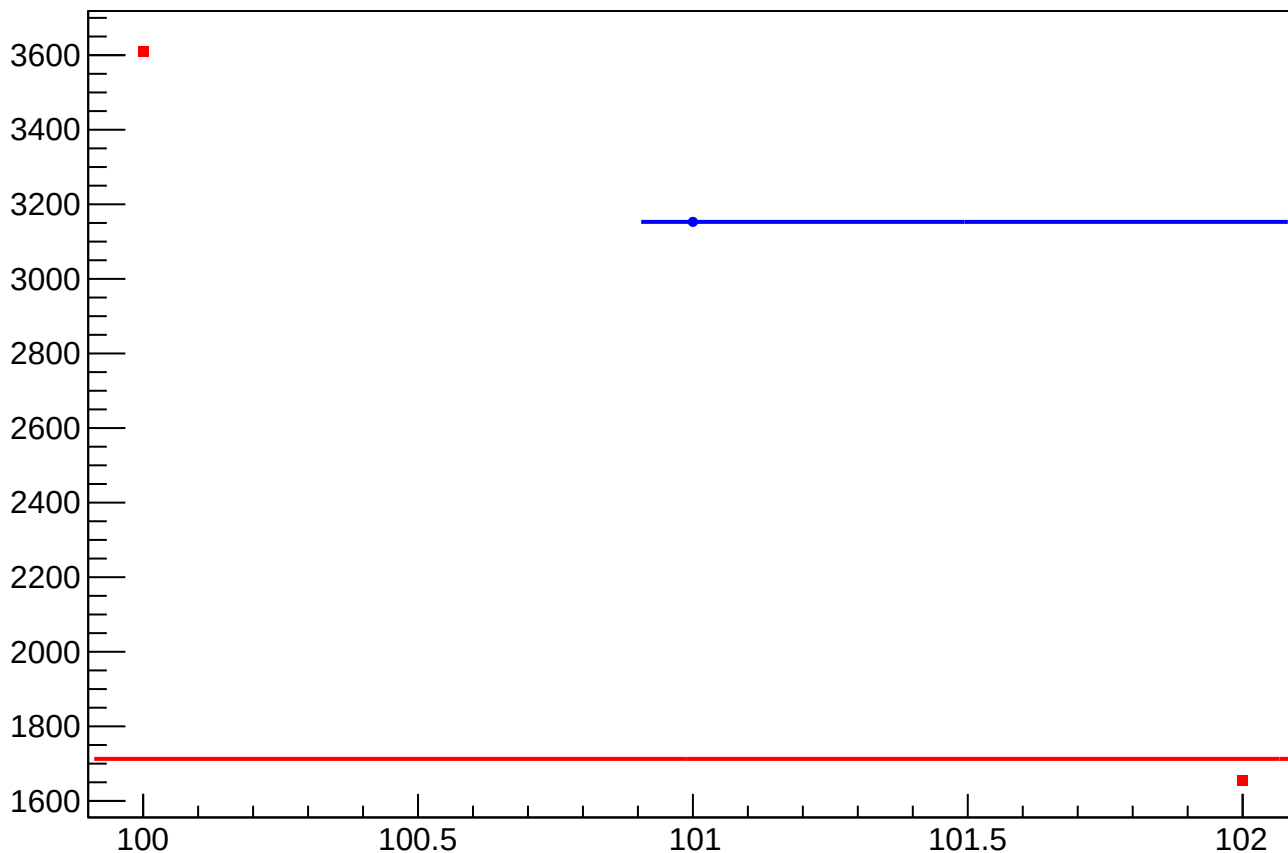
Right: -2993.006+/-1976.065 χ^2/NDF : 4.3/2

In: -9192.330+/-3893.138 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2993.006+/-1976.065 χ^2/NDF : 4.3/2

eigen_cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 3152.894 $\pm$ 2.753 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1712.777 $\pm$ 1.622 χ^2 /NDF: 41232.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

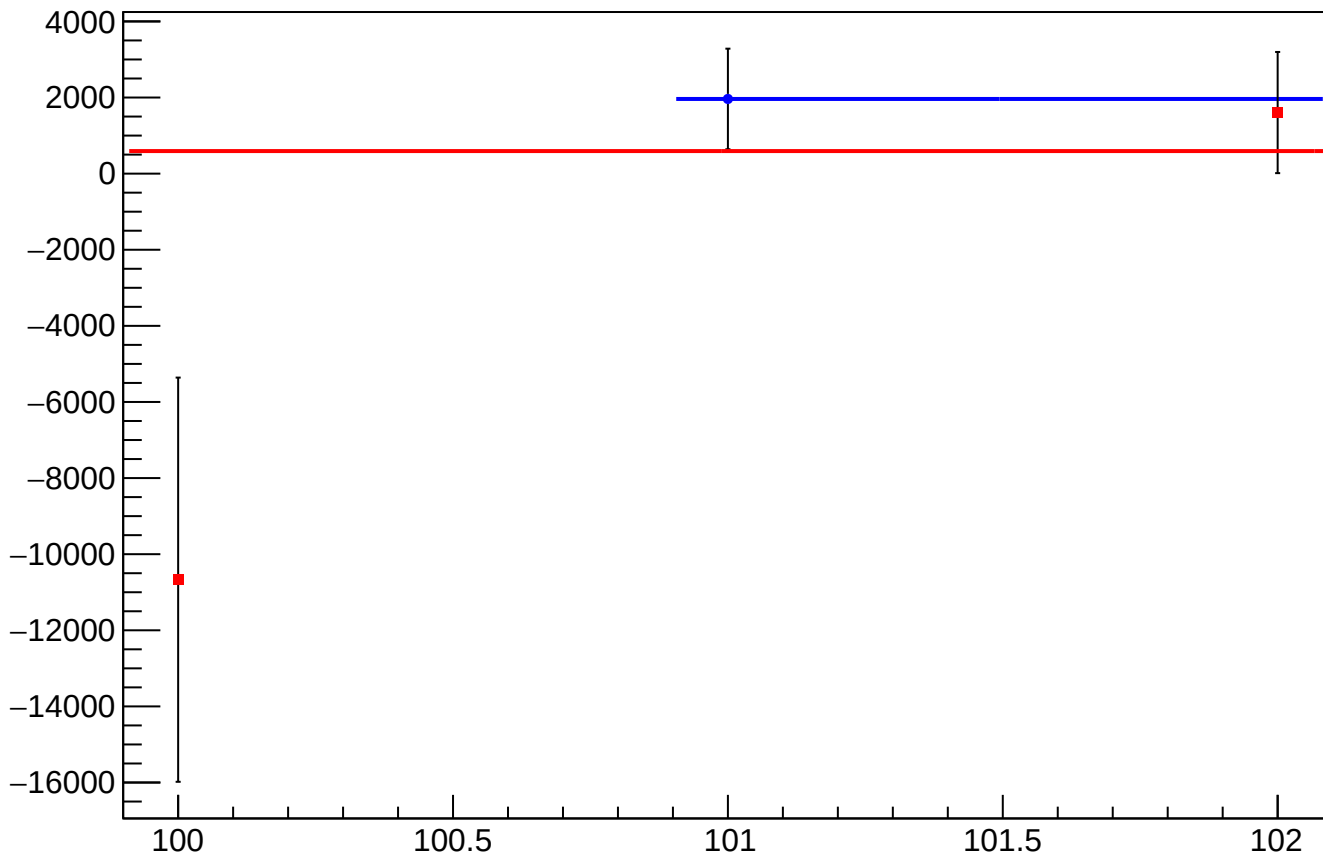
Right: 2083.763 $\pm$ 1.397 χ^2 /NDF: 244402.2/2

In: 3152.894 $\pm$ 2.753 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2083.763 $\pm$ 1.397 χ^2 /NDF: 244402.2/2

asym_atl_dd_atr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1962.336+/-1321.461 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 592.935+/-1525.047 χ^2/NDF : 4.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

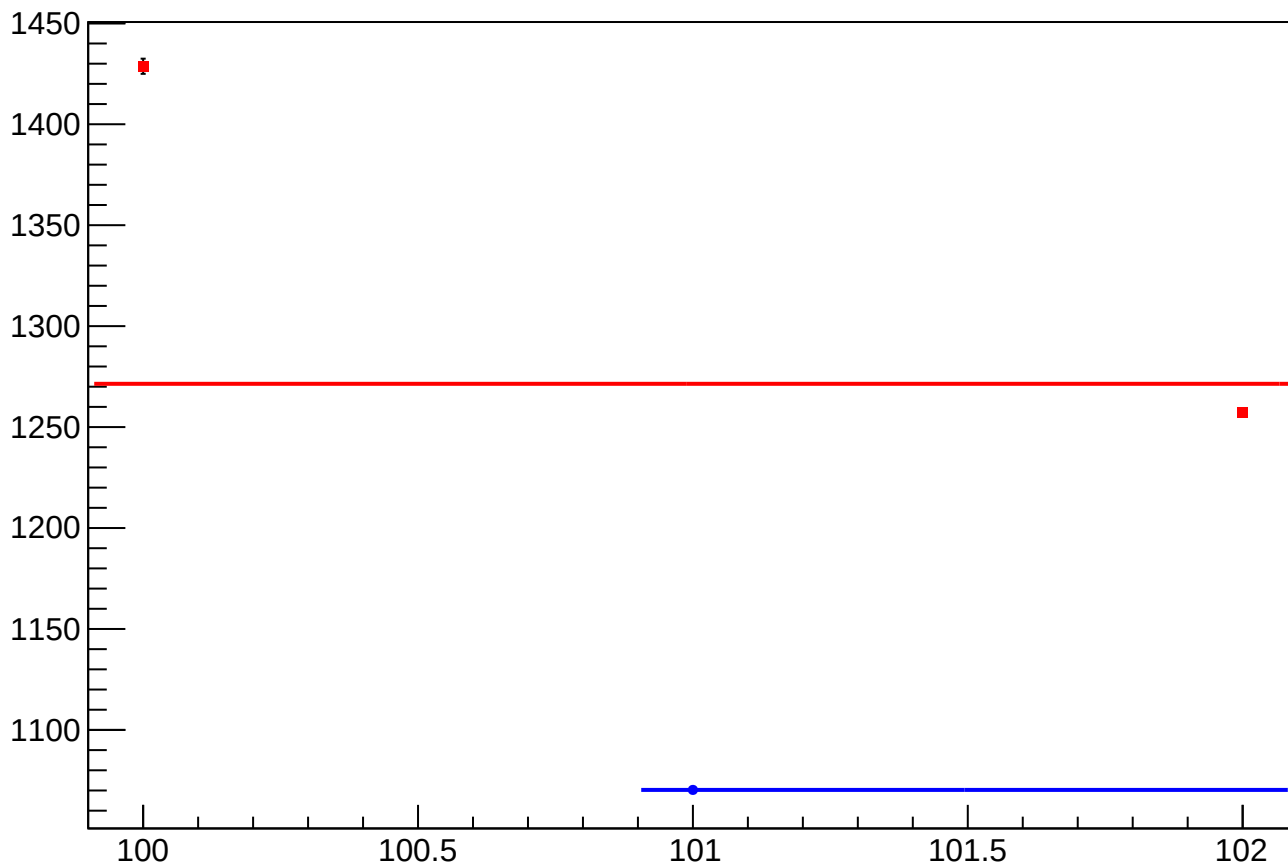
Right: 1375.079+/-998.693 χ^2/NDF : 5.4/2

In: 1962.336+/-1321.461 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1375.079+/-998.693 χ^2/NDF : 5.4/2

asym_atl_dd_atr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1070.284+/-0.934 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1271.432+/-1.078 χ^2/NDF : 1912.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

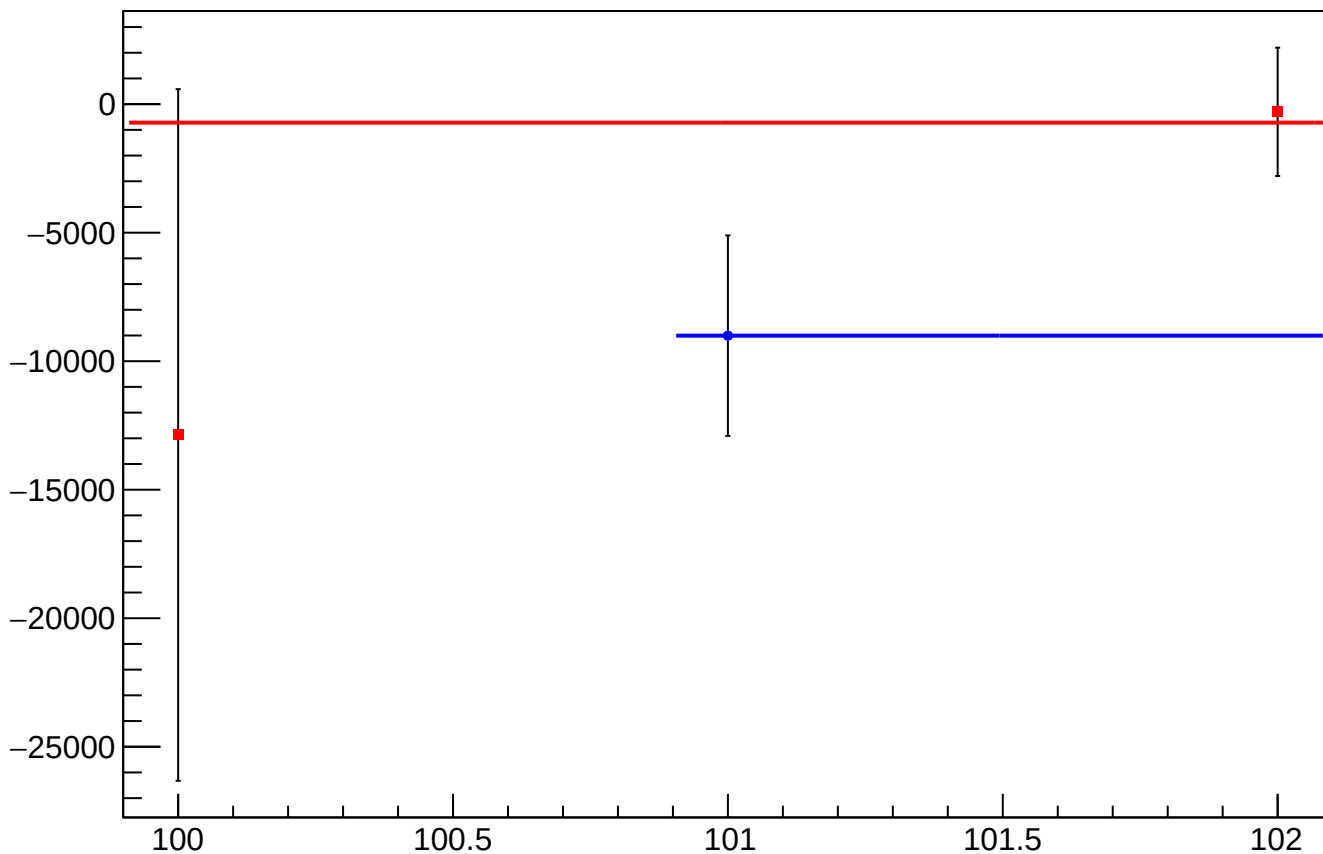
Right: 1156.545+/-0.706 χ^2/NDF : 21784.5/2

In: 1070.284+/-0.934 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1156.545+/-0.706 χ^2/NDF : 21784.5/2

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -9006.465+/-3901.378 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -718.232+/-2455.155 χ^2/NDF : 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

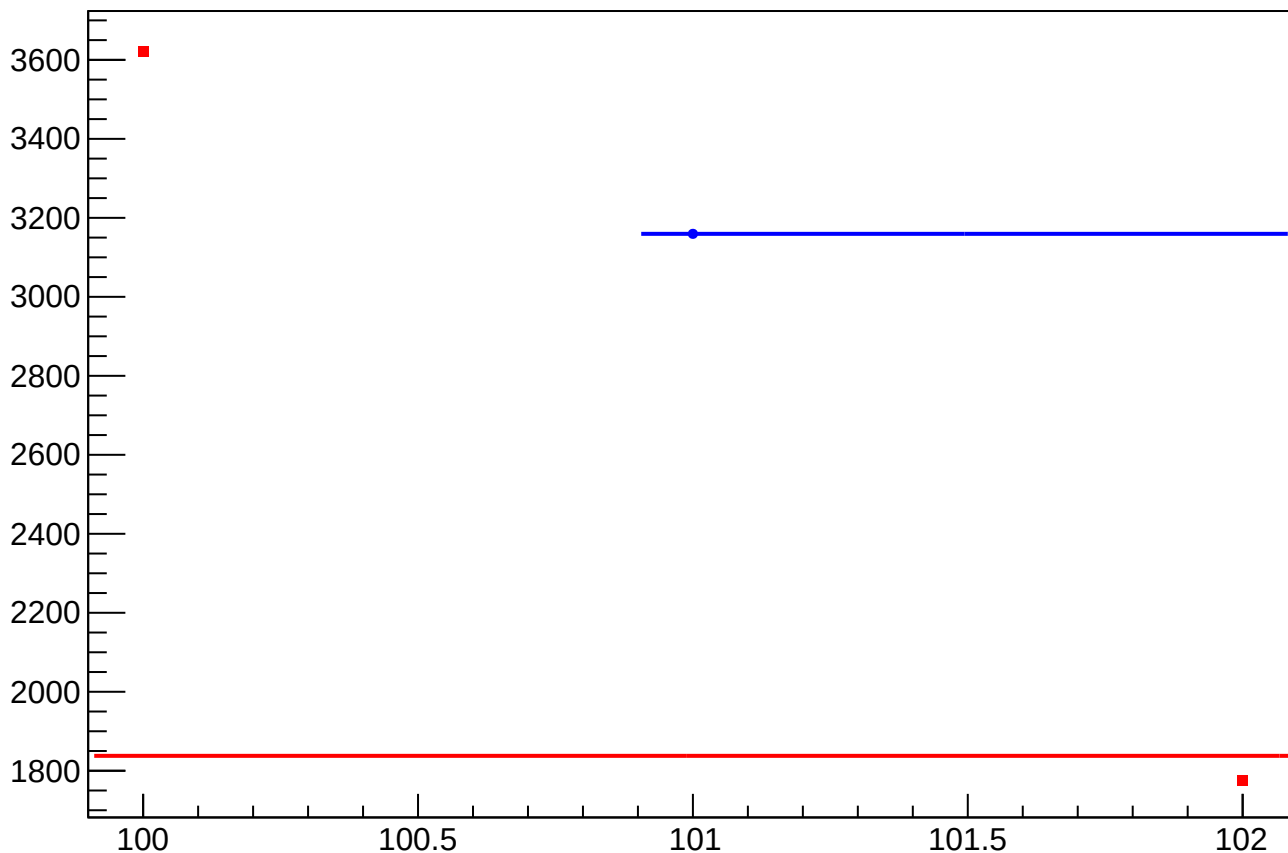
Right: -3069.438+/-2077.937 χ^2/NDF : 4.1/2

In: -9006.465+/-3901.378 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3069.438+/-2077.937 χ^2/NDF : 4.1/2

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 3159.502 $\pm$ 2.759 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1837.771 $\pm$ 1.736 χ^2 /NDF: 36356.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

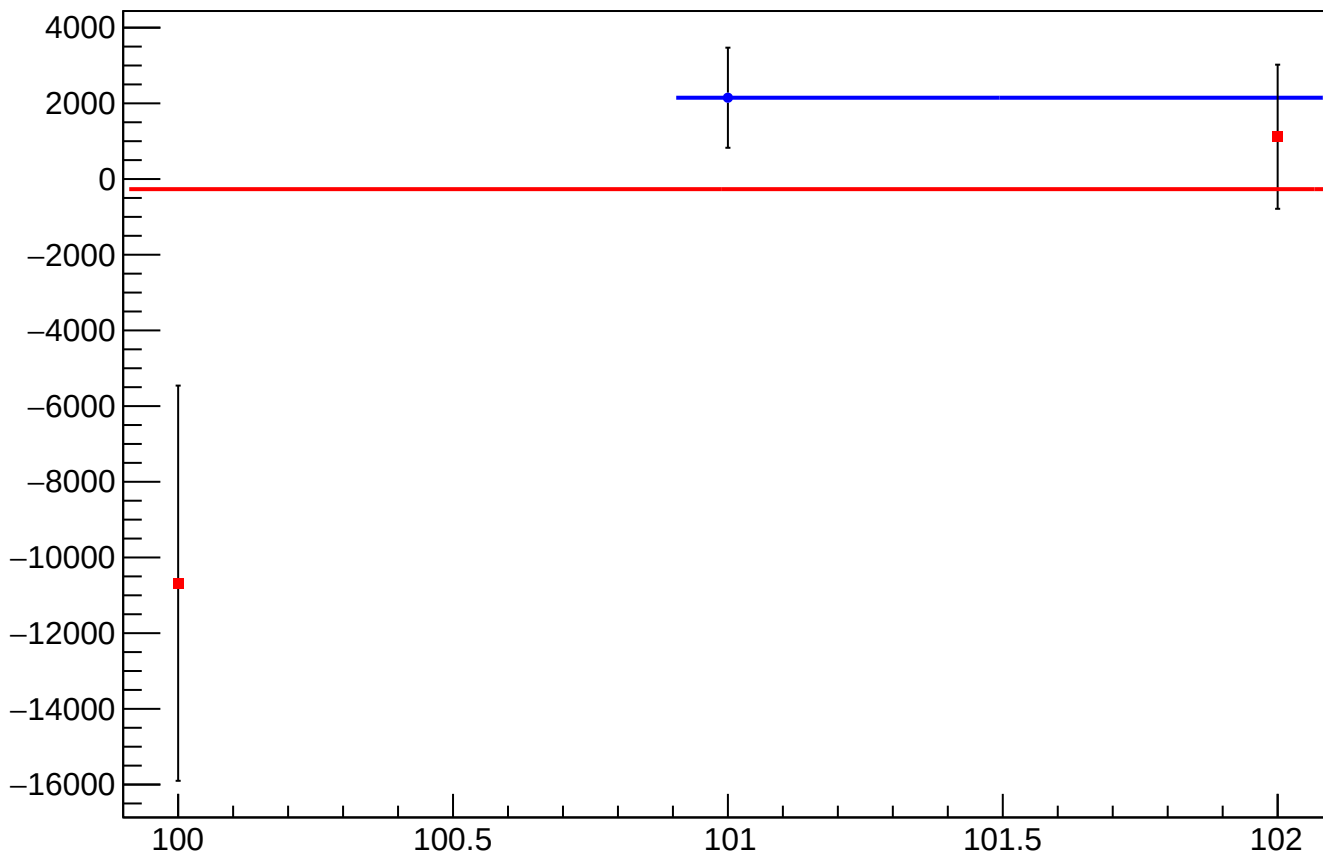
Right: 2212.678 $\pm$ 1.469 χ^2 /NDF: 200795.5/2

In: 3159.502 $\pm$ 2.759 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2212.678 $\pm$ 1.469 χ^2 /NDF: 200795.5/2

asym_atl_dd_atr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 2148.585+/-1322.623 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -267.192+/-1788.959 χ^2 /NDF: 4.5/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

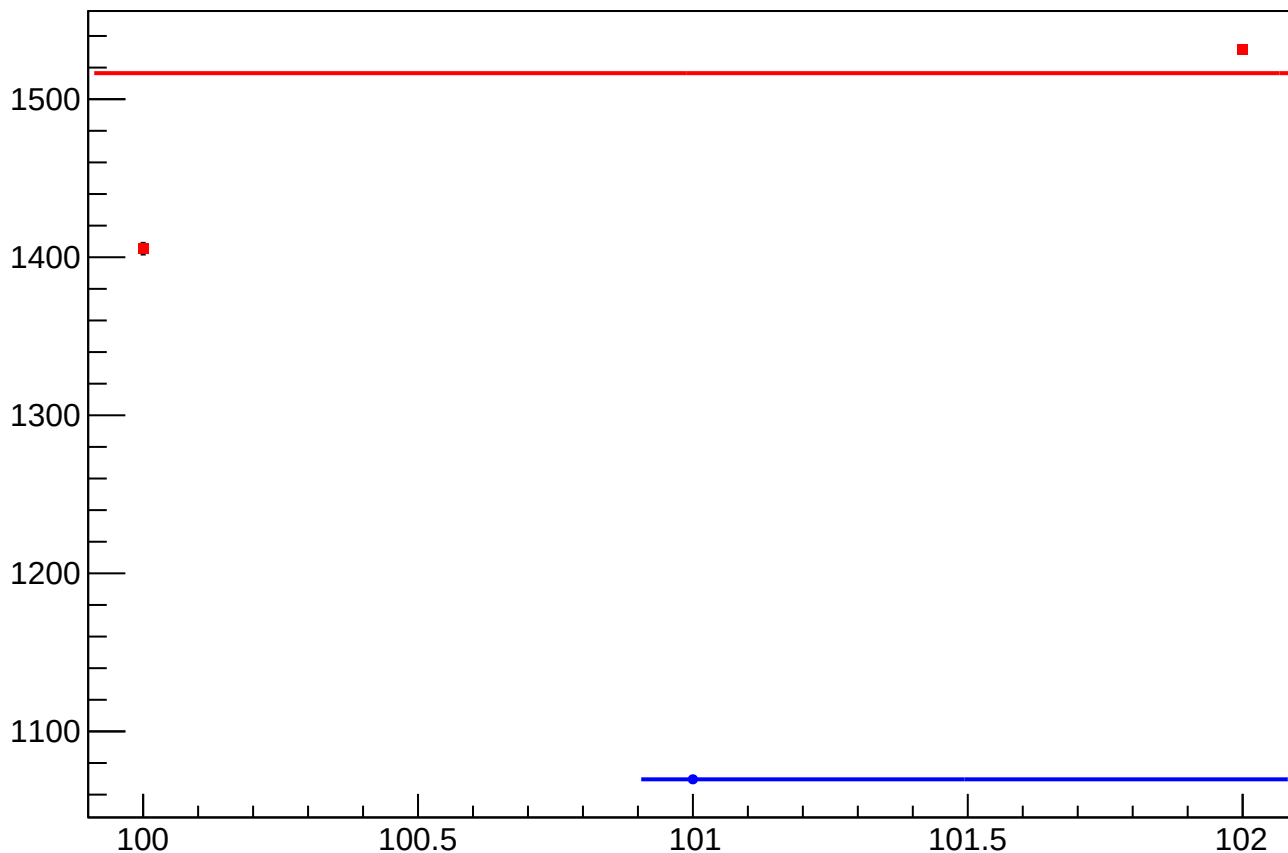
Right: 1294.797+/-1063.523 χ^2 /NDF: 5.7/2

In: 2148.585+/-1322.623 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1294.797+/-1063.523 χ^2 /NDF: 5.7/2

asym_atl_dd_atr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1069.680 $\pm$ 0.935 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1516.478 $\pm$ 1.265 χ^2 /NDF: 1025.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

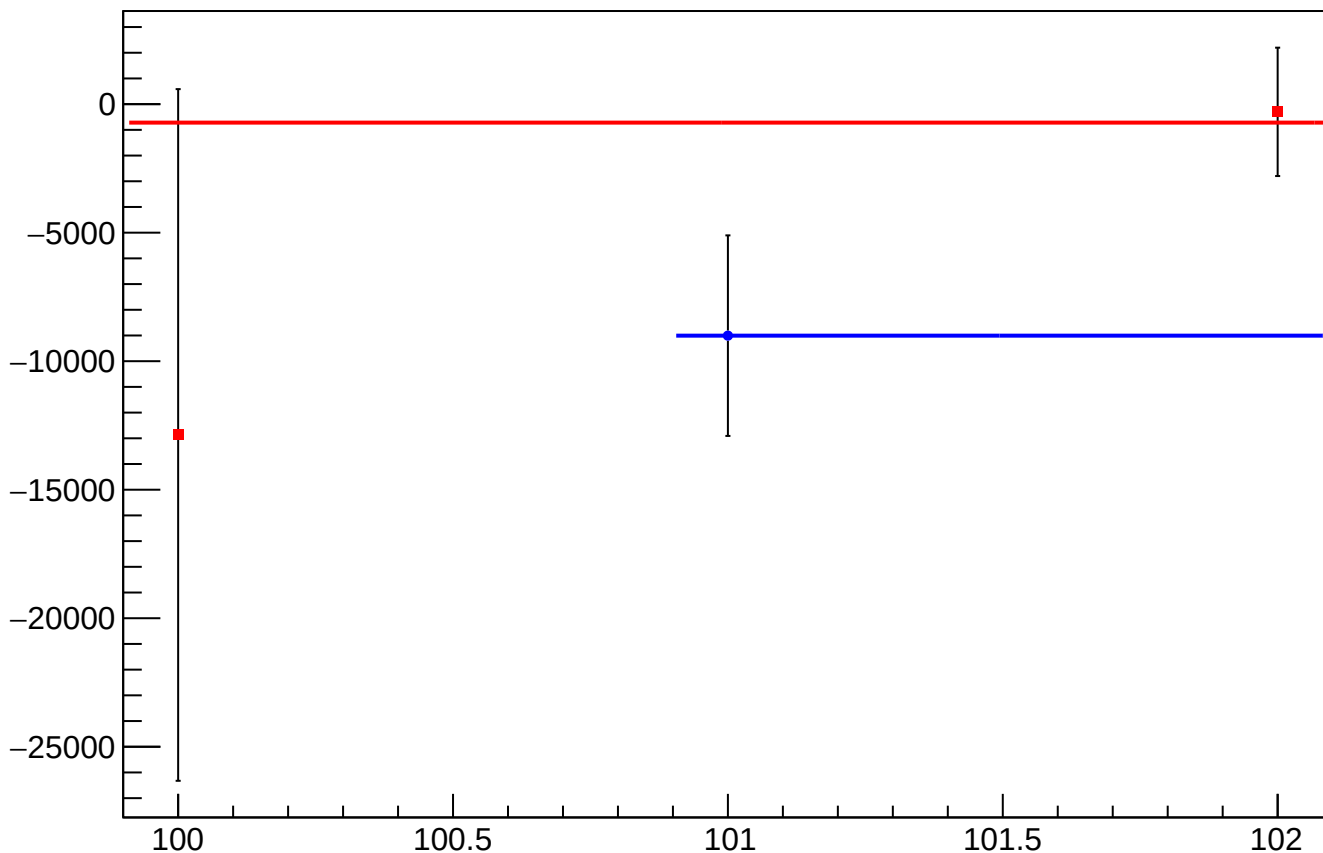
Right: 1227.588 $\pm$ 0.752 χ^2 /NDF: 81688.2/2

In: 1069.680 $\pm$ 0.935 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1227.588 $\pm$ 0.752 χ^2 /NDF: 81688.2/2

eigen_dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -9006.489+/-3901.378 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -718.239+/-2455.154 χ^2/NDF : 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

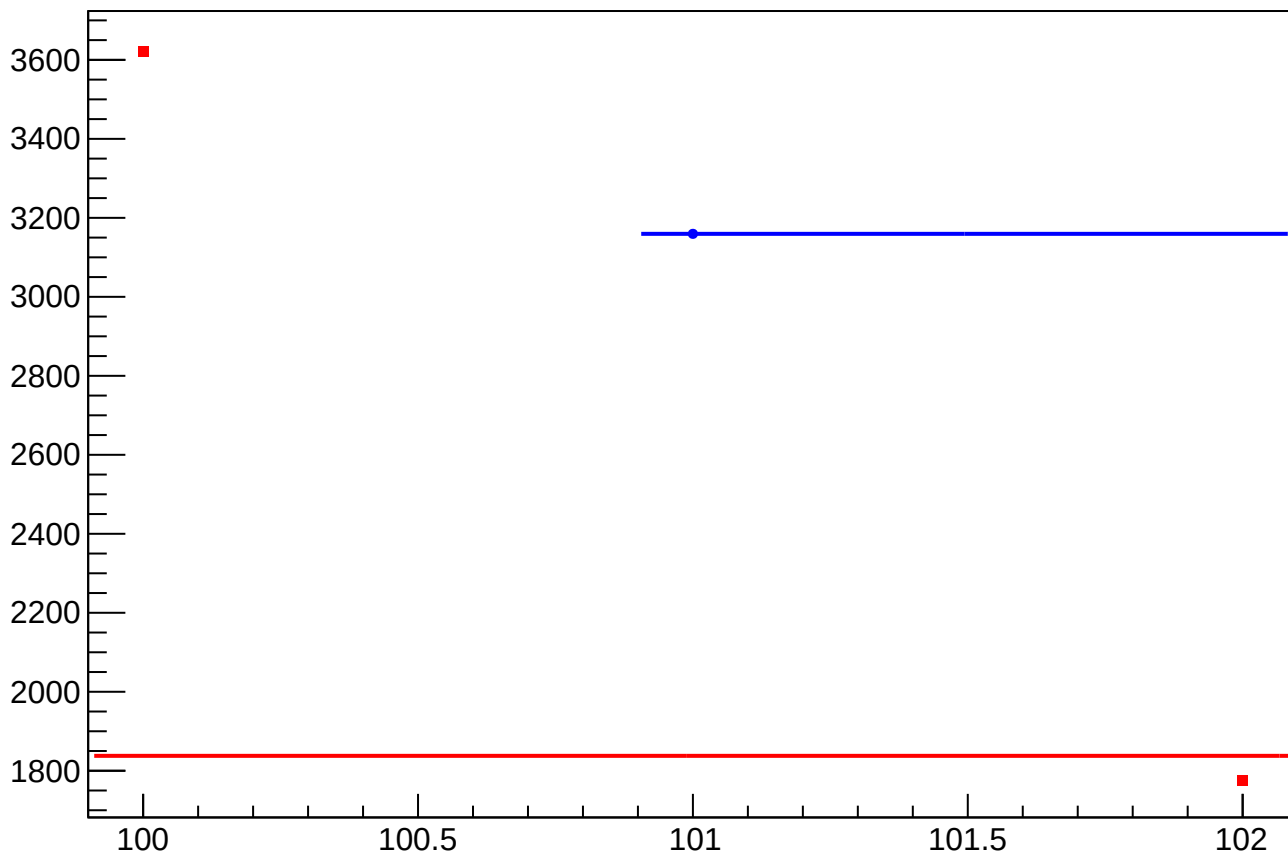
Right: -3069.449+/-2077.937 χ^2/NDF : 4.1/2

In: -9006.489+/-3901.378 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3069.449+/-2077.937 χ^2/NDF : 4.1/2

eigen_dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 3159.502 $\pm$ 2.759 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1837.770 $\pm$ 1.736 χ^2 /NDF: 36356.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

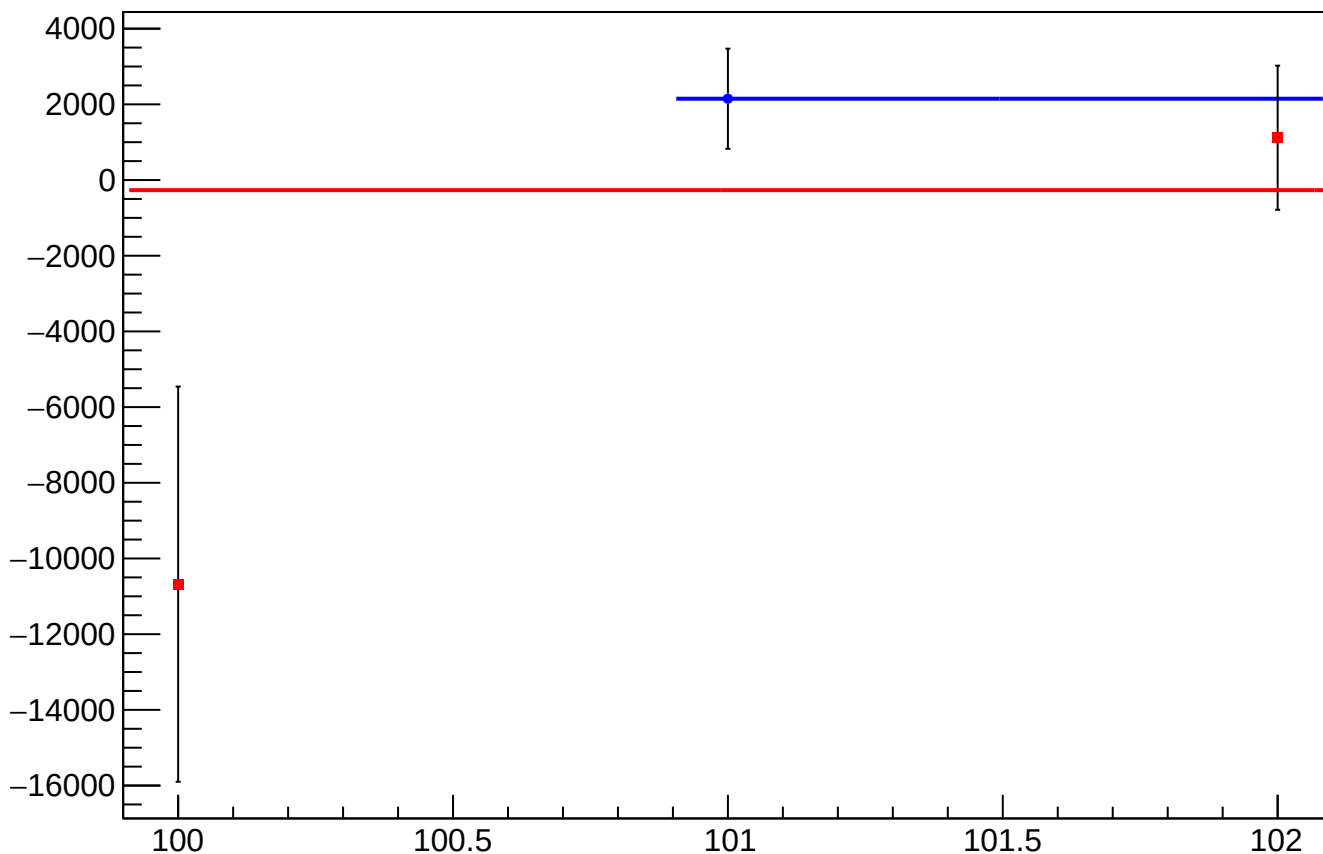
Right: 2212.677 $\pm$ 1.469 χ^2 /NDF: 200795.9/2

In: 3159.502 $\pm$ 2.759 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2212.677 $\pm$ 1.469 χ^2 /NDF: 200795.9/2

asym_atl_dd_atr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 2148.567+/-1322.613 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -267.207+/-1788.961 χ^2 /NDF: 4.5/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

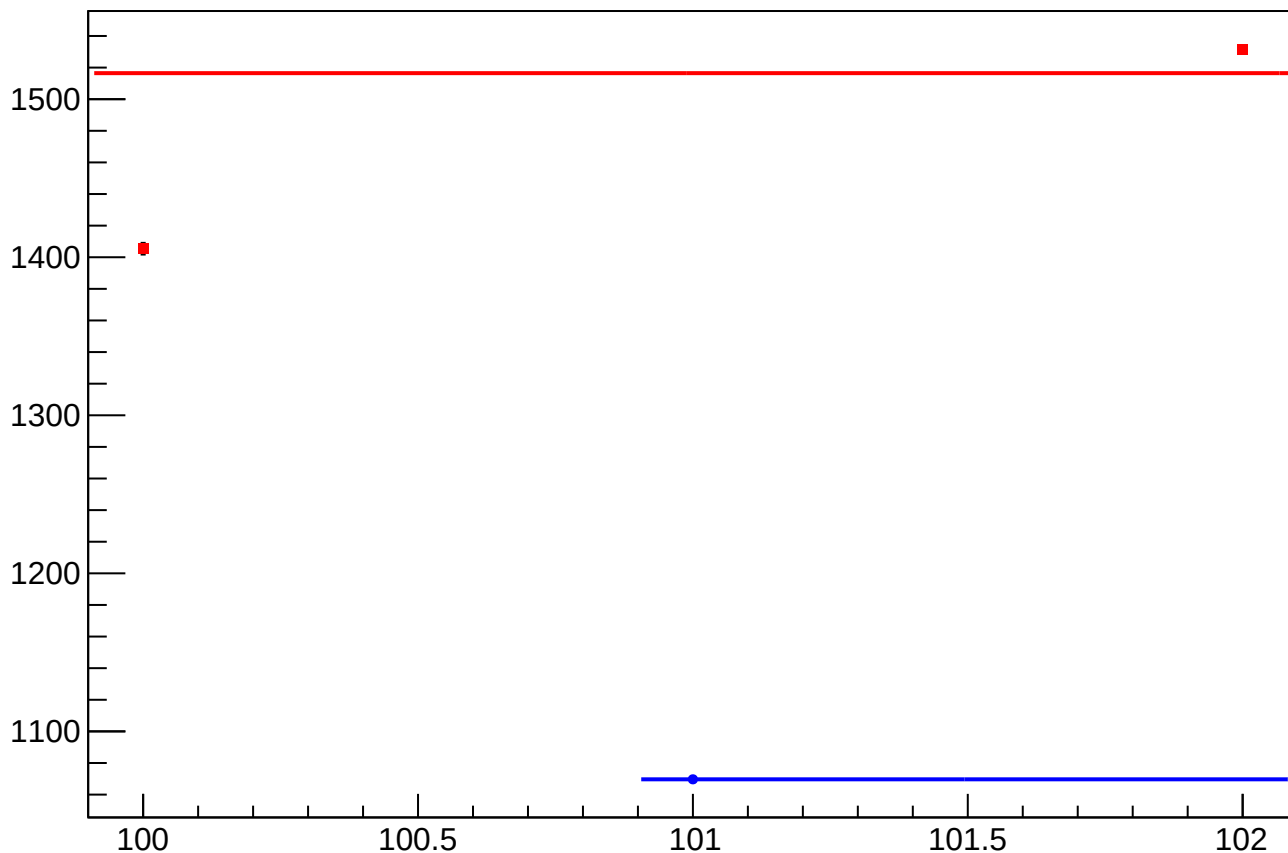
Right: 1294.790+/-1063.518 χ^2 /NDF: 5.7/2

In: 2148.567+/-1322.613 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1294.790+/-1063.518 χ^2 /NDF: 5.7/2

asym_atl_dd_atr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1069.671 $\pm$ 0.935 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1516.480 $\pm$ 1.265 χ^2 /NDF: 1025.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

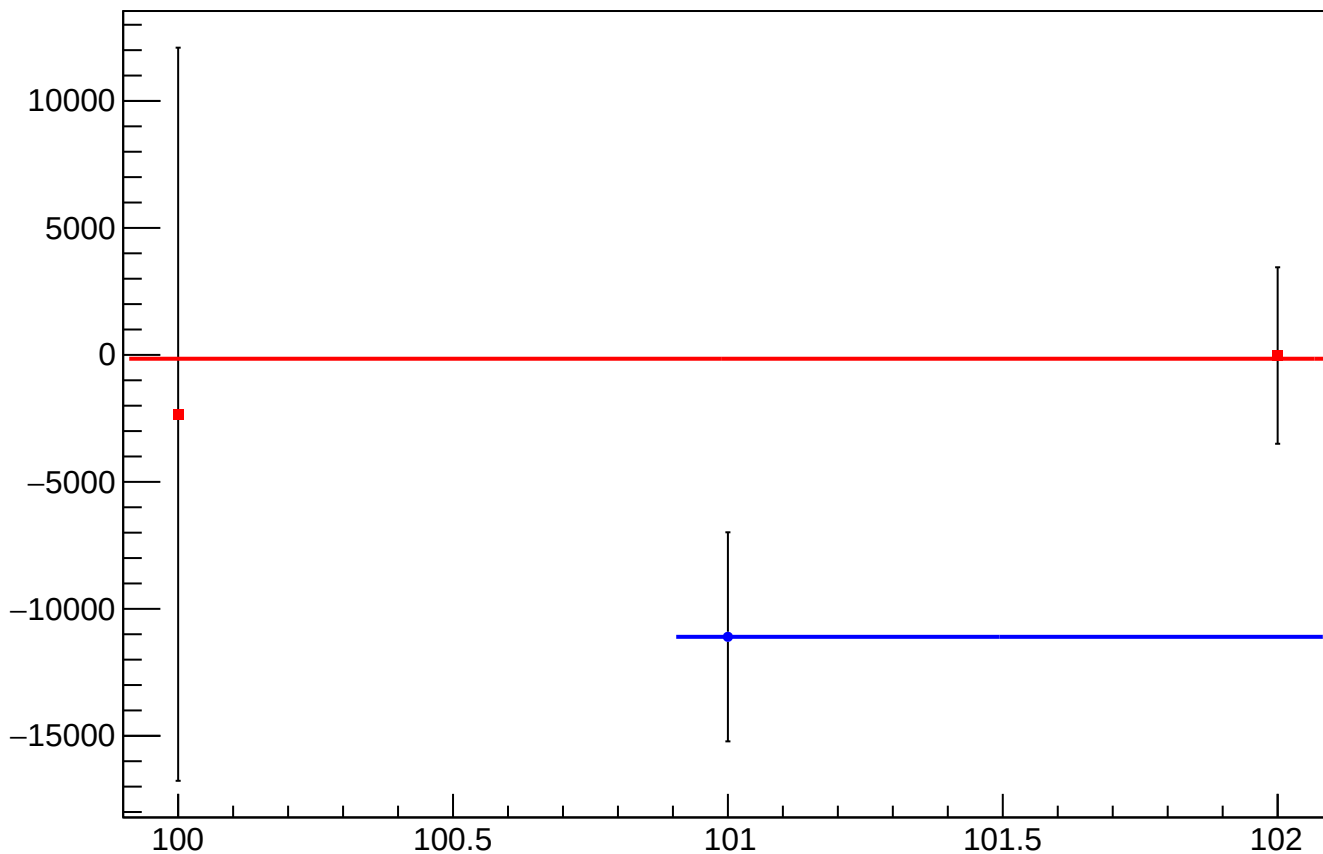
Right: 1227.581 $\pm$ 0.752 χ^2 /NDF: 81692.4/2

In: 1069.671 $\pm$ 0.935 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1227.581 $\pm$ 0.752 χ^2 /NDF: 81692.4/2

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -11101.605+/-4116.362 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -151.119+/-3378.284 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

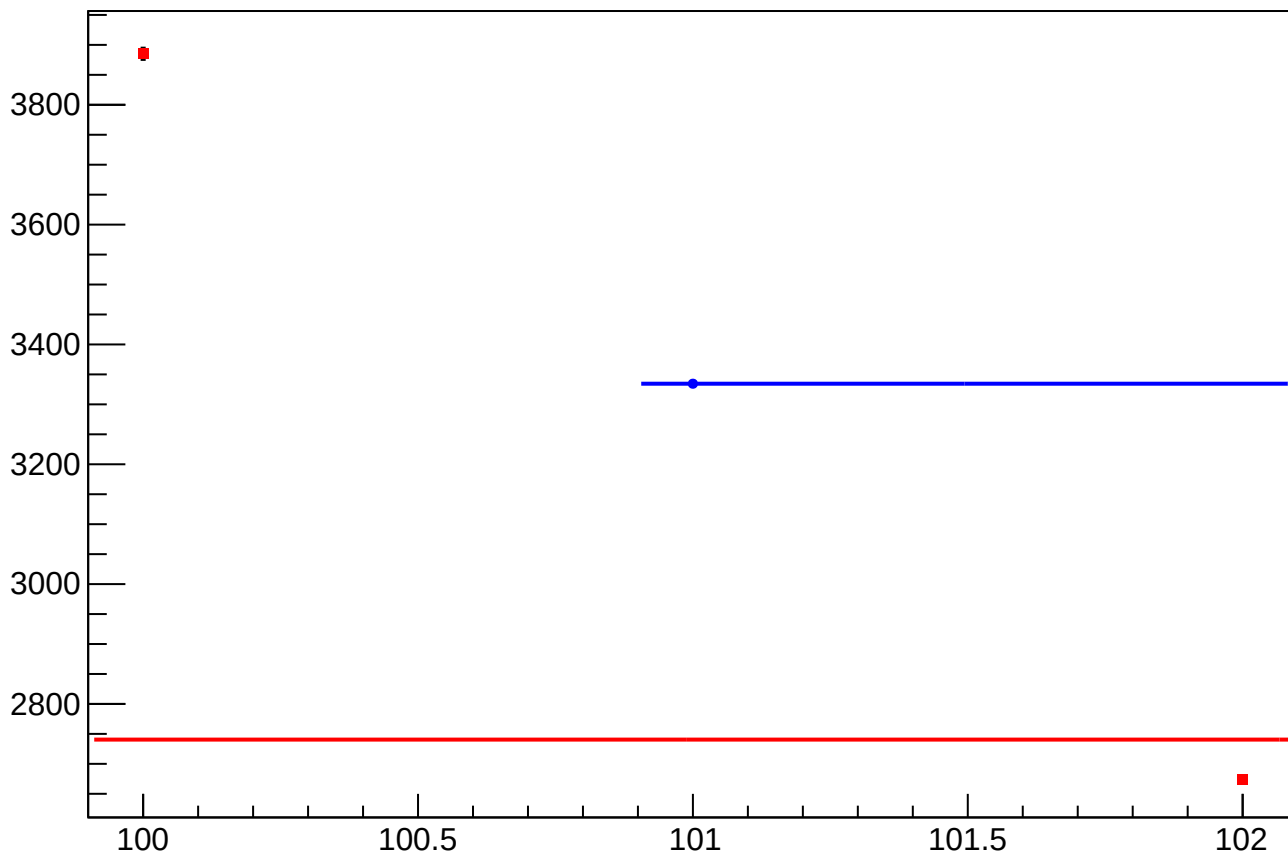
Right: -4558.310+/-2611.426 χ^2/NDF : 4.3/2

In: -11101.605+/-4116.362 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4558.310+/-2611.426 χ^2/NDF : 4.3/2

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 3334.470+/-2.911 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2740.470+/-2.388 χ^2 /NDF: 13306.1/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

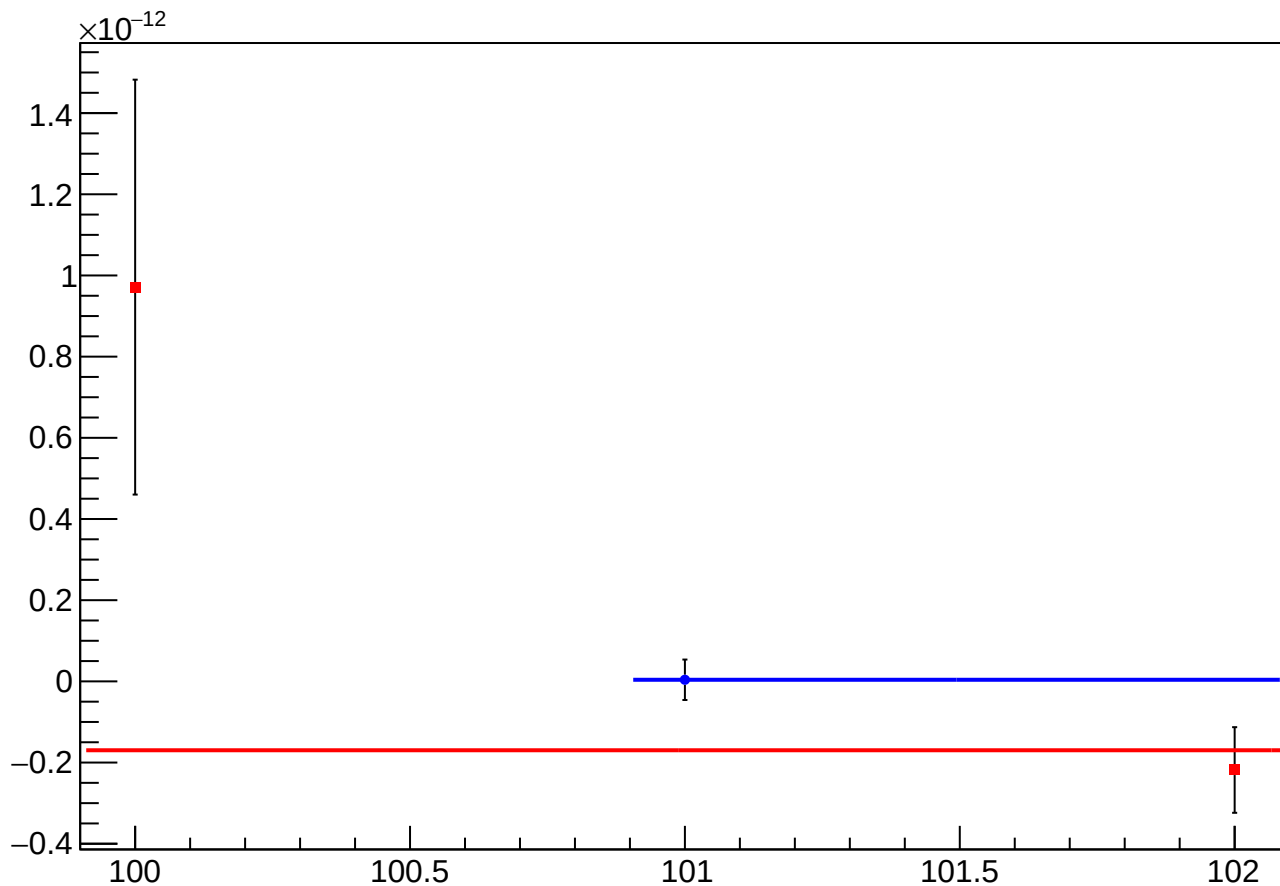
Right: 2979.493+/-1.846 χ^2 /NDF: 38194.1/2

In: 3334.470+/-2.911 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2979.493+/-1.846 χ^2 /NDF: 38194.1/2

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_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 : 5.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

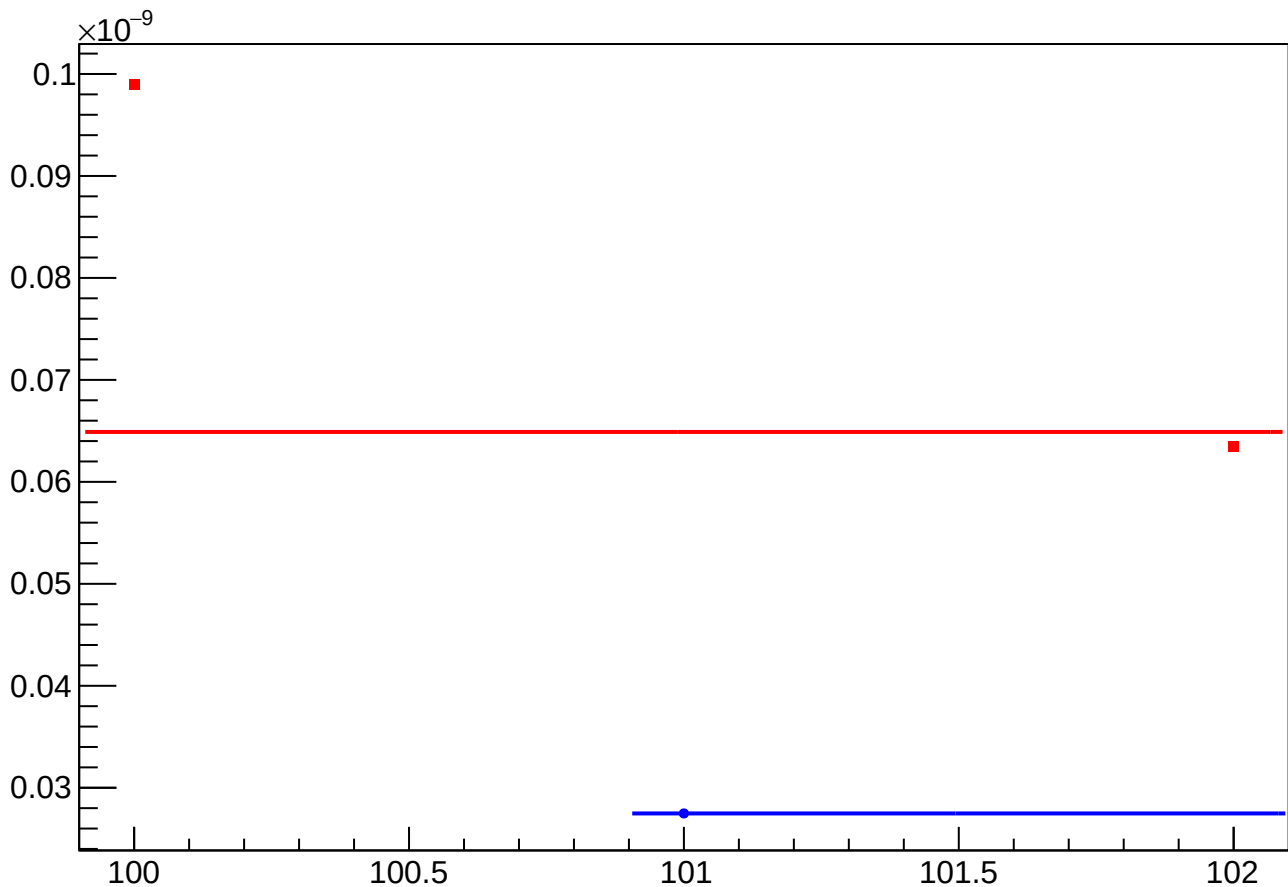
Right: -0.000+/-0.000 χ^2/NDF : 7.5/2

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 : 7.5/2

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_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 : 9276.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

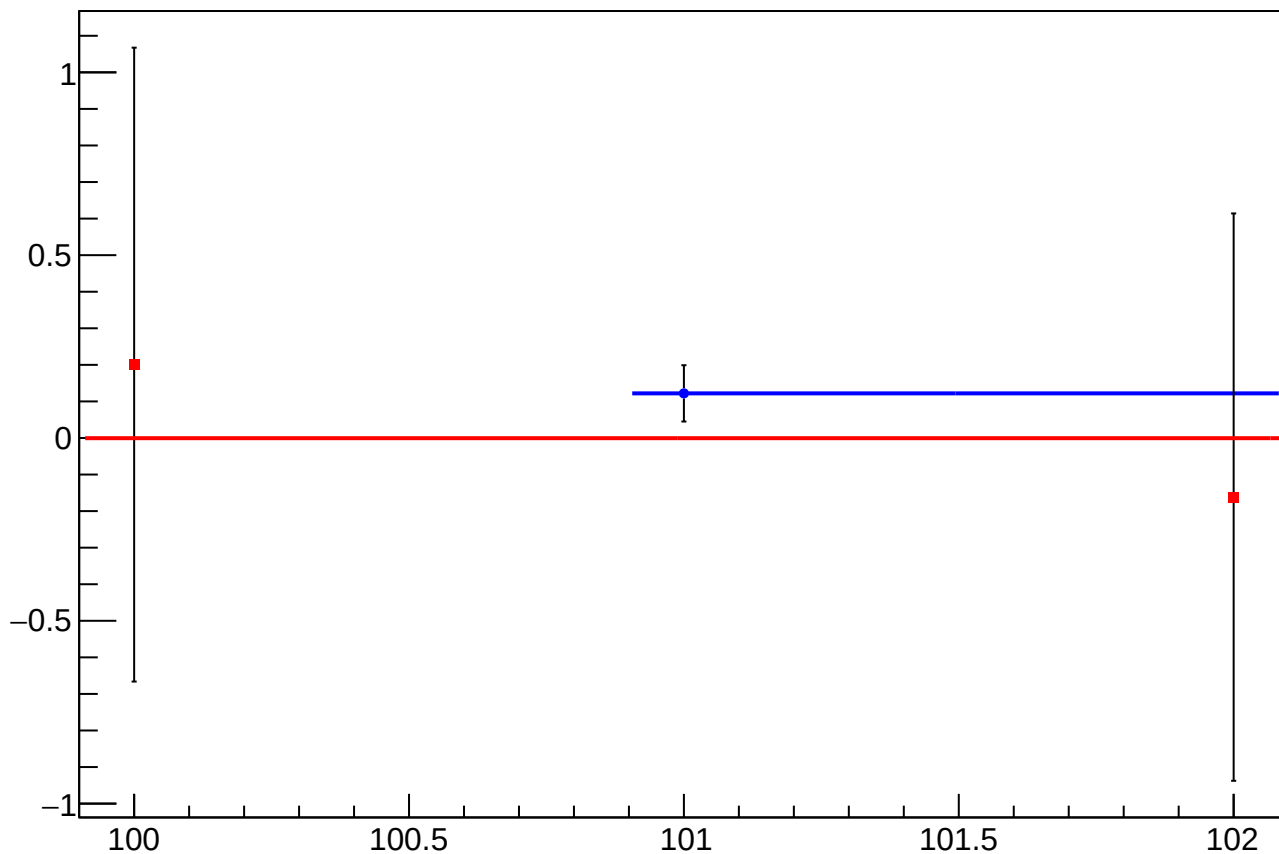
Right: 0.000+/-0.000 χ^2/NDF : 222150.7/2

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 : 222150.7/2

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.122+/-0.077 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.001+/-0.578 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

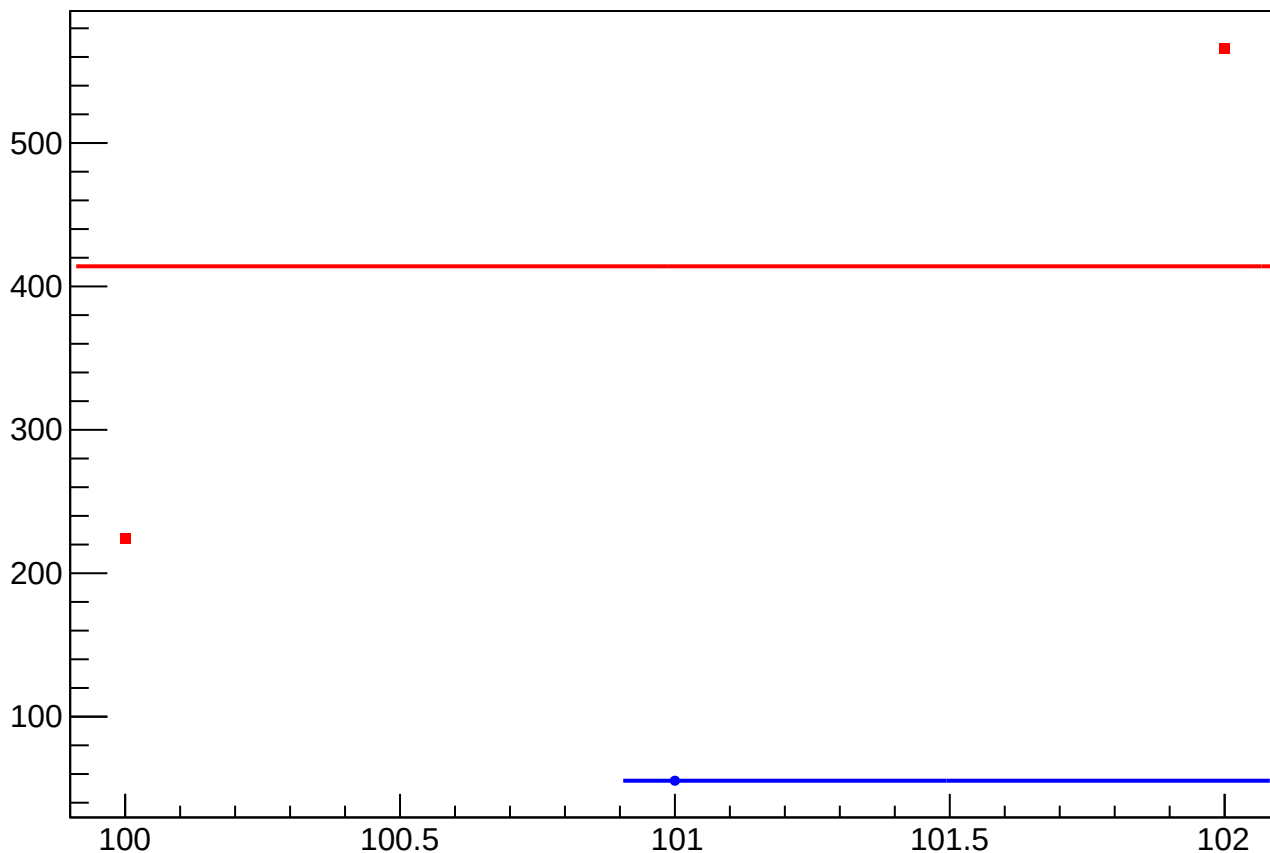
Right: 0.120+/-0.076 χ^2/NDF : 0.1/2

In: 0.122+/-0.077 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.120+/-0.076 χ^2/NDF : 0.1/2

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.327+/-0.054 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 414.026+/-0.409 χ^2/NDF : 172393.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

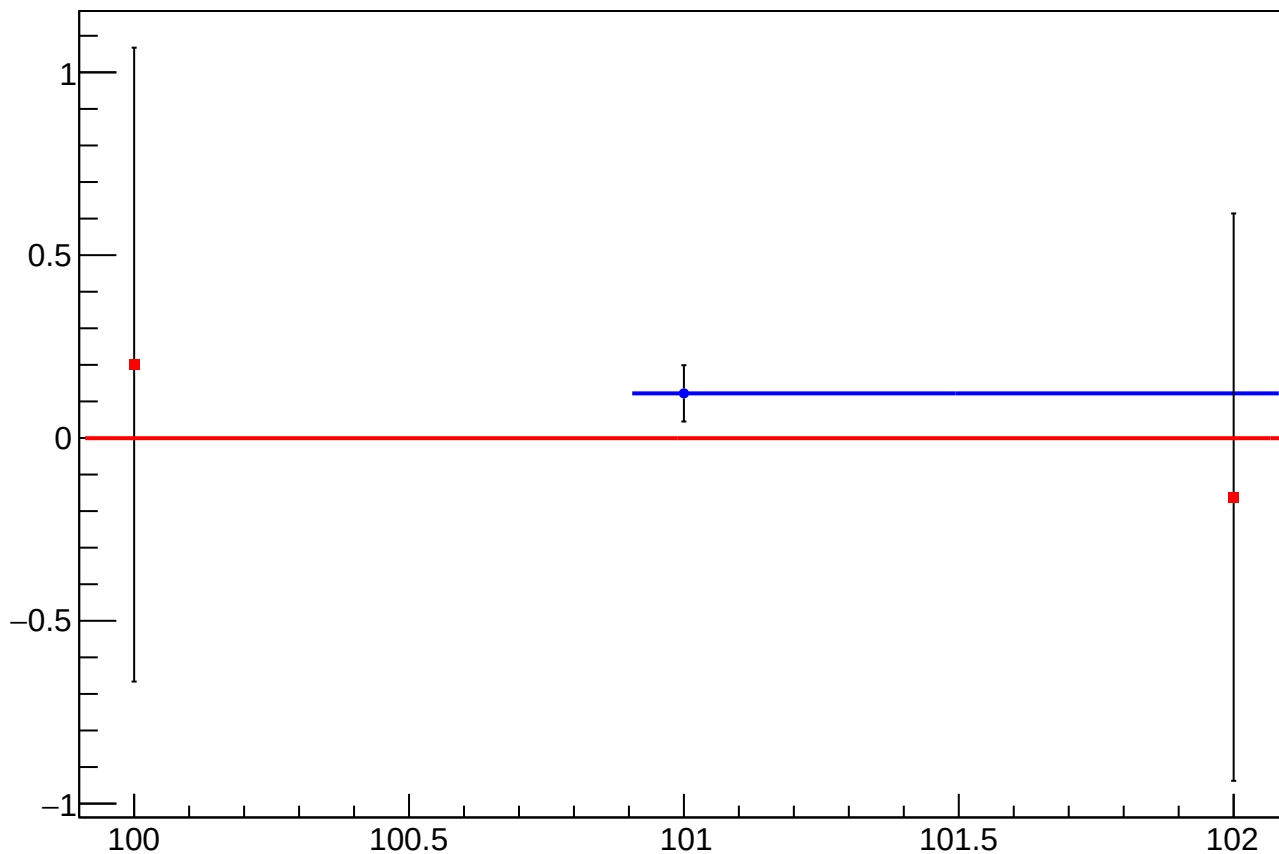
Right: 61.580+/-0.054 χ^2/NDF : 928924.9/2

In: 55.327+/-0.054 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.580+/-0.054 χ^2/NDF : 928924.9/2

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.122+/-0.077 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.001+/-0.578 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

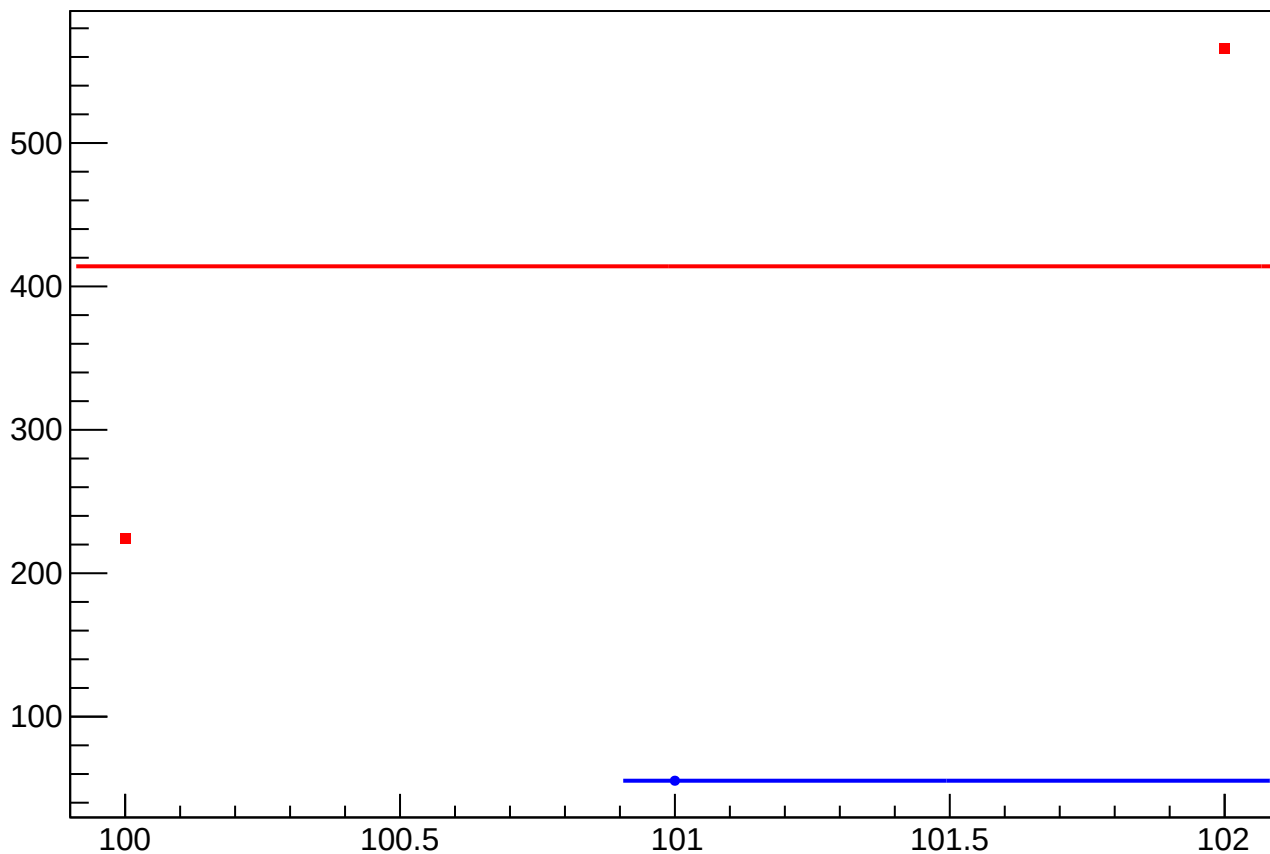
Right: 0.120+/-0.076 χ^2/NDF : 0.1/2

In: 0.122+/-0.077 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.120+/-0.076 χ^2/NDF : 0.1/2

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.327 $\pm$ 0.054 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 414.026 $\pm$ 0.409 χ^2 /NDF: 172393.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

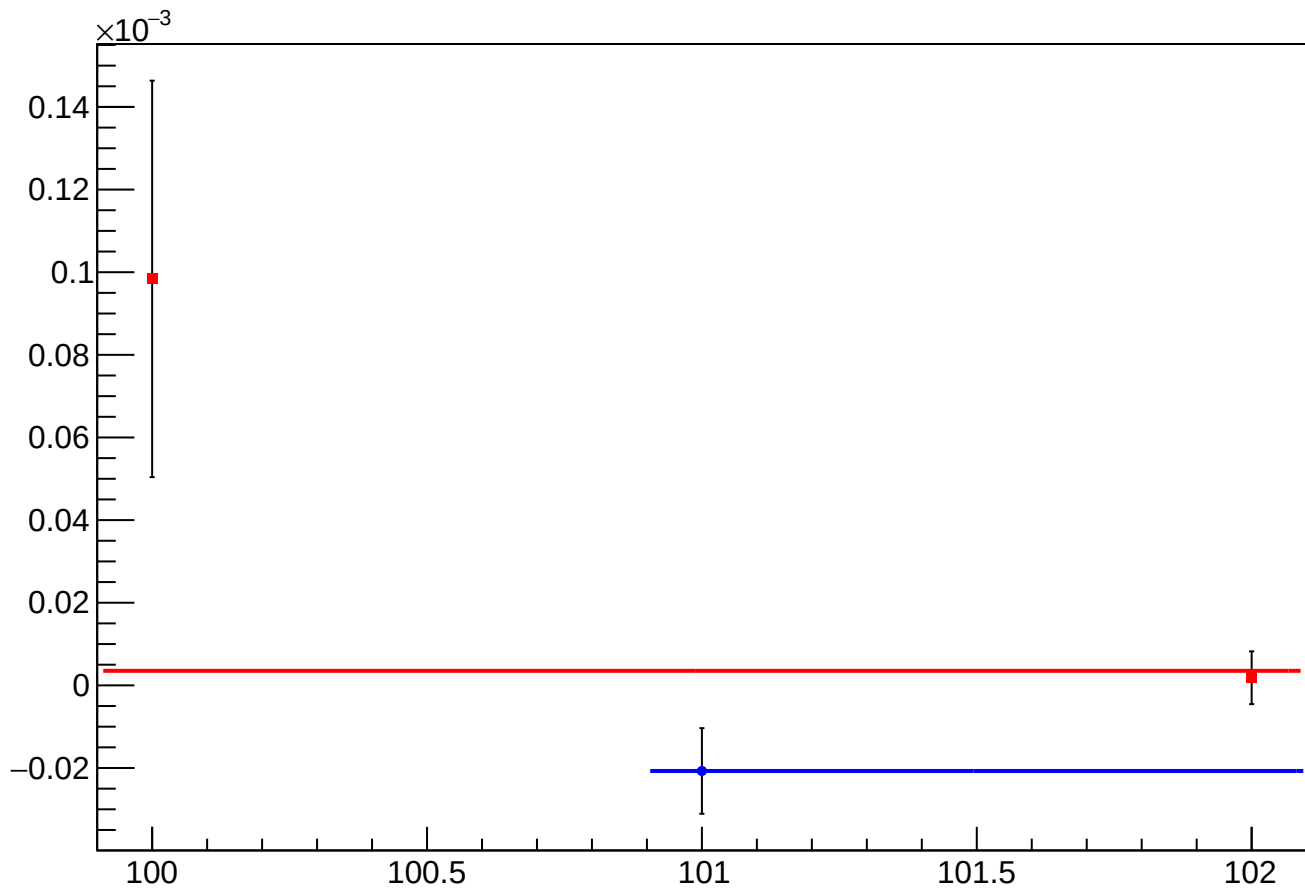
Right: 61.580 $\pm$ 0.054 χ^2 /NDF: 928924.9/2

In: 55.327 $\pm$ 0.054 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 61.580 $\pm$ 0.054 χ^2 /NDF: 928924.9/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

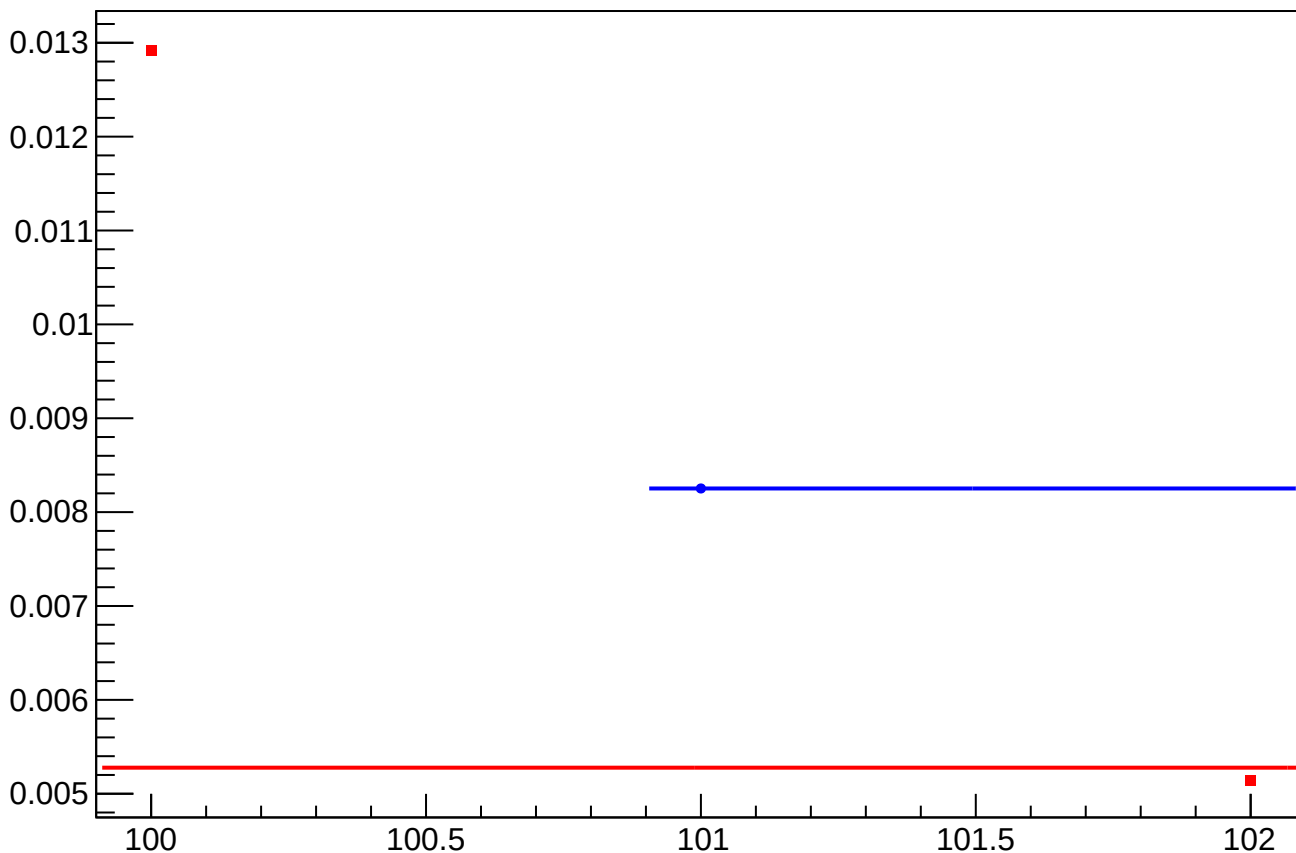
Right: -0.000+/-0.000 χ^2/NDF : 8.0/2

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 : 8.0/2

asym_atl_dd_atr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 51563.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

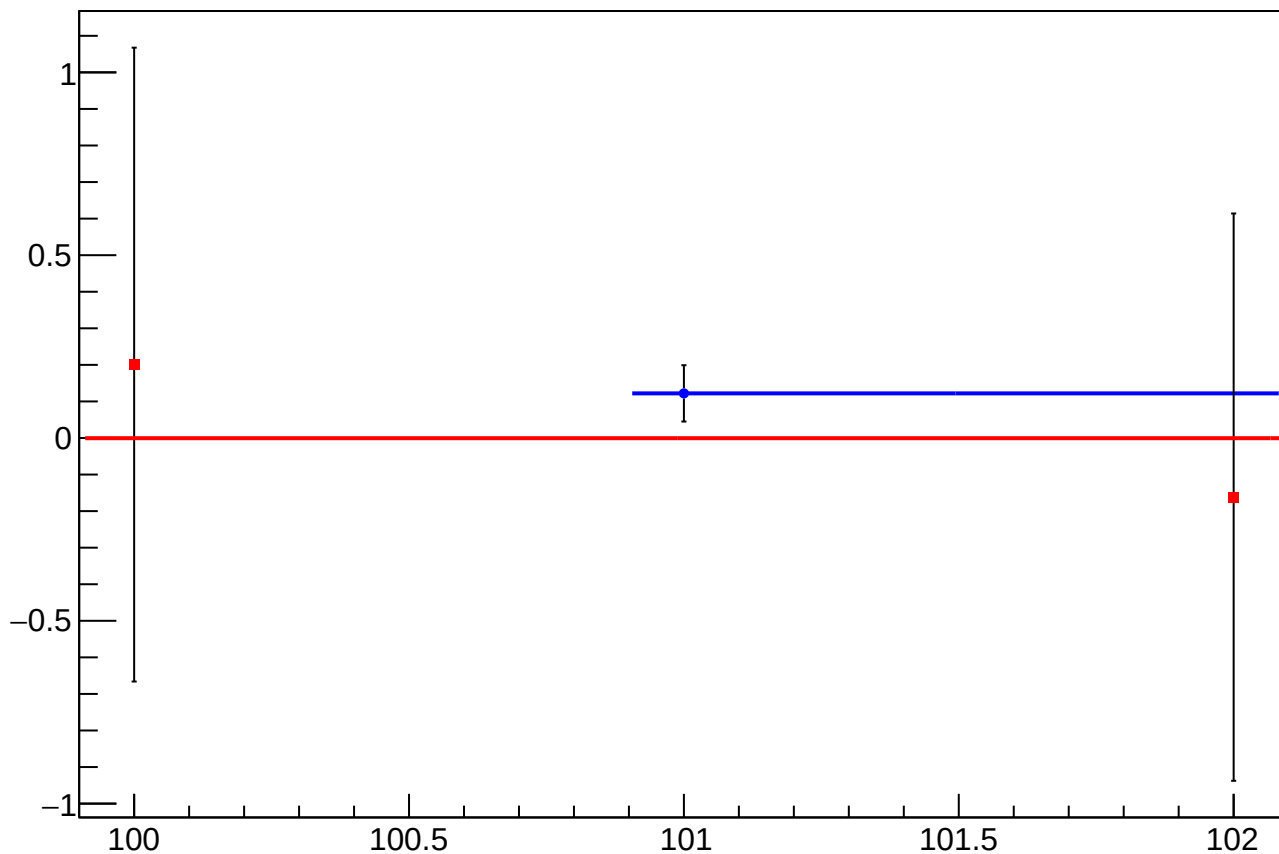
Right: 0.006+/-0.000 χ^2/NDF : 171501.5/2

In: 0.008+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 171501.5/2

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.122+/-0.077 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.001+/-0.578 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

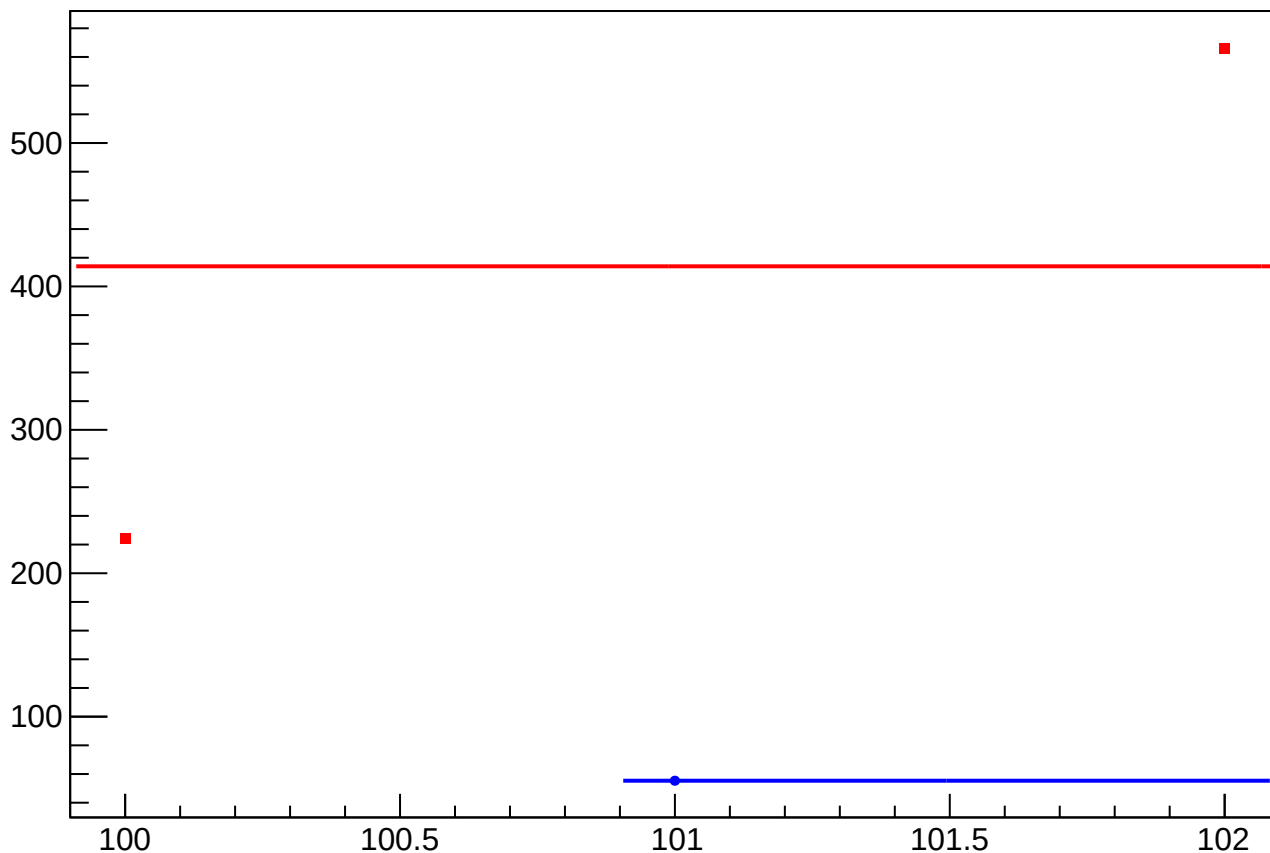
Right: 0.120+/-0.076 χ^2/NDF : 0.1/2

In: 0.122+/-0.077 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.120+/-0.076 χ^2/NDF : 0.1/2

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.331 $\pm$ 0.054 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 414.020 $\pm$ 0.409 χ^2 /NDF: 172398.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

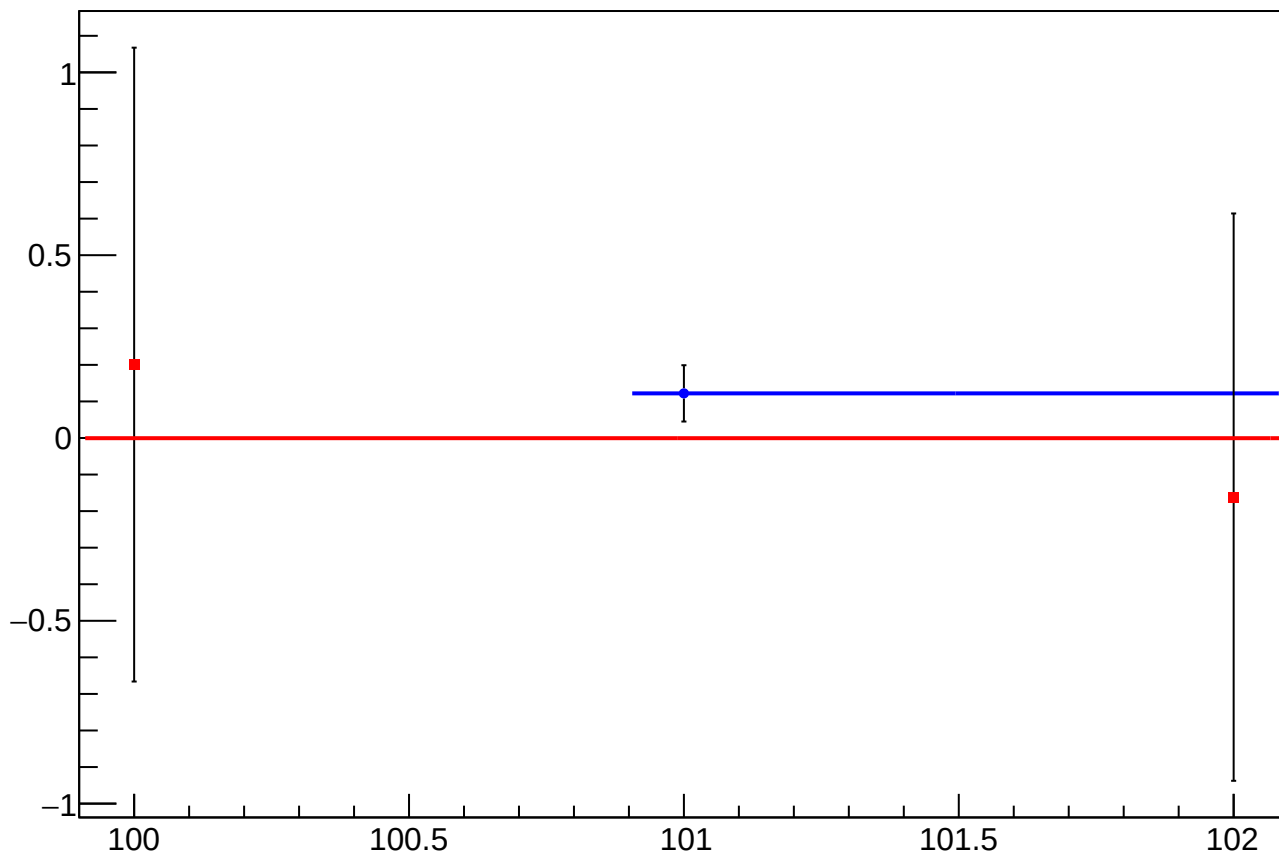
Right: 61.585 $\pm$ 0.054 χ^2 /NDF: 928901.8/2

In: 55.331 $\pm$ 0.054 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 61.585 $\pm$ 0.054 χ^2 /NDF: 928901.8/2

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.122+/-0.077 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.001+/-0.578 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

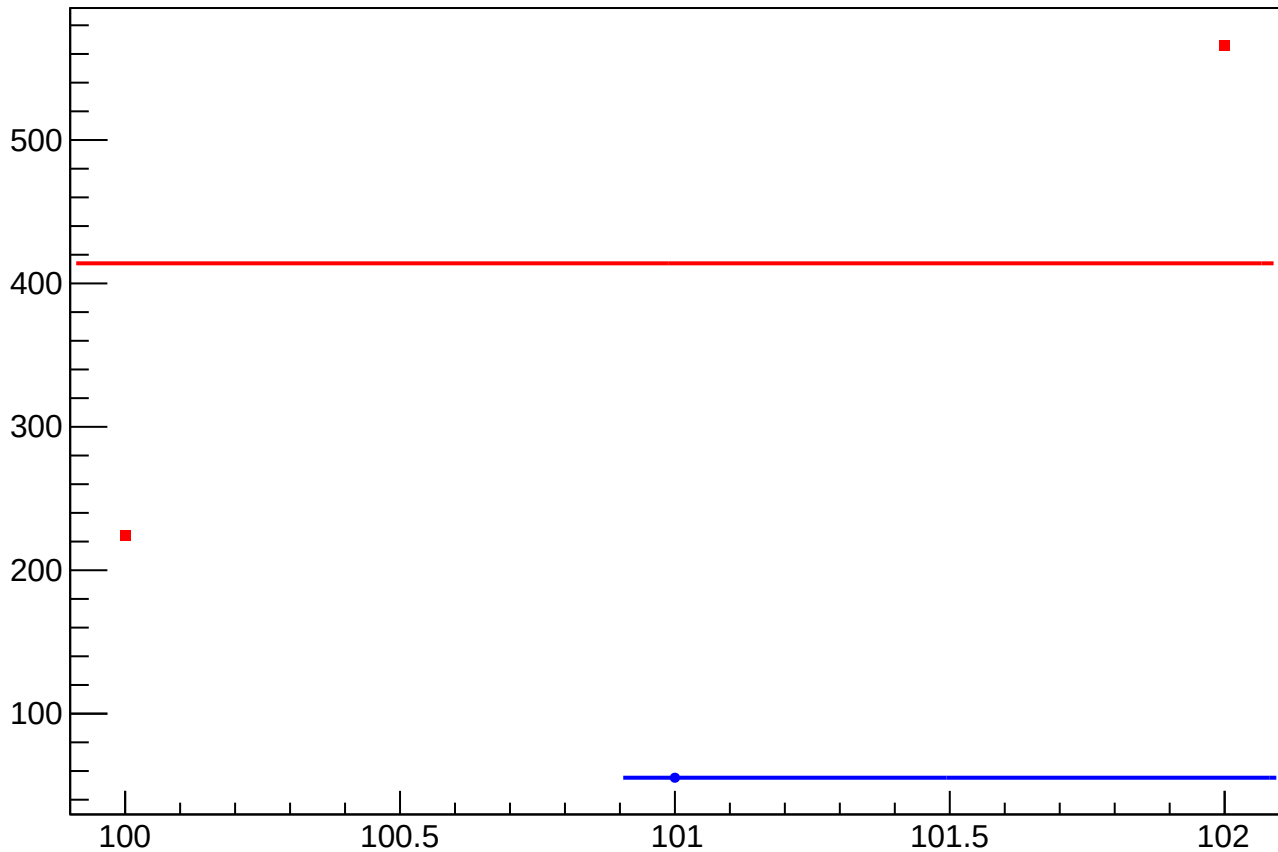
Right: 0.120+/-0.076 χ^2/NDF : 0.1/2

In: 0.122+/-0.077 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.120+/-0.076 χ^2/NDF : 0.1/2

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.331+/-0.054 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 414.020+/-0.409 χ^2/NDF : 172398.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

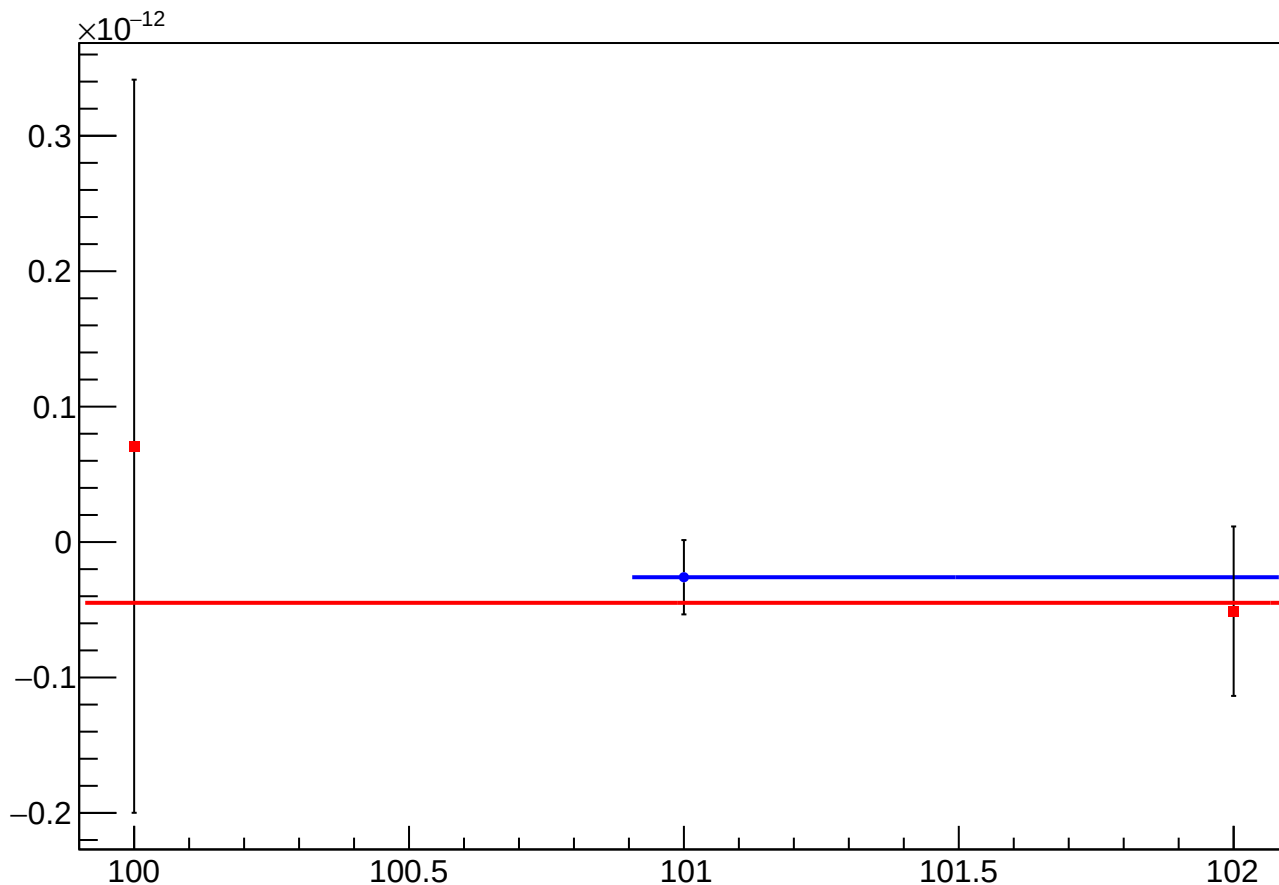
Right: 61.585+/-0.054 χ^2/NDF : 928901.8/2

In: 55.331+/-0.054 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.585+/-0.054 χ^2/NDF : 928901.8/2

asym_atl_dd_atr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

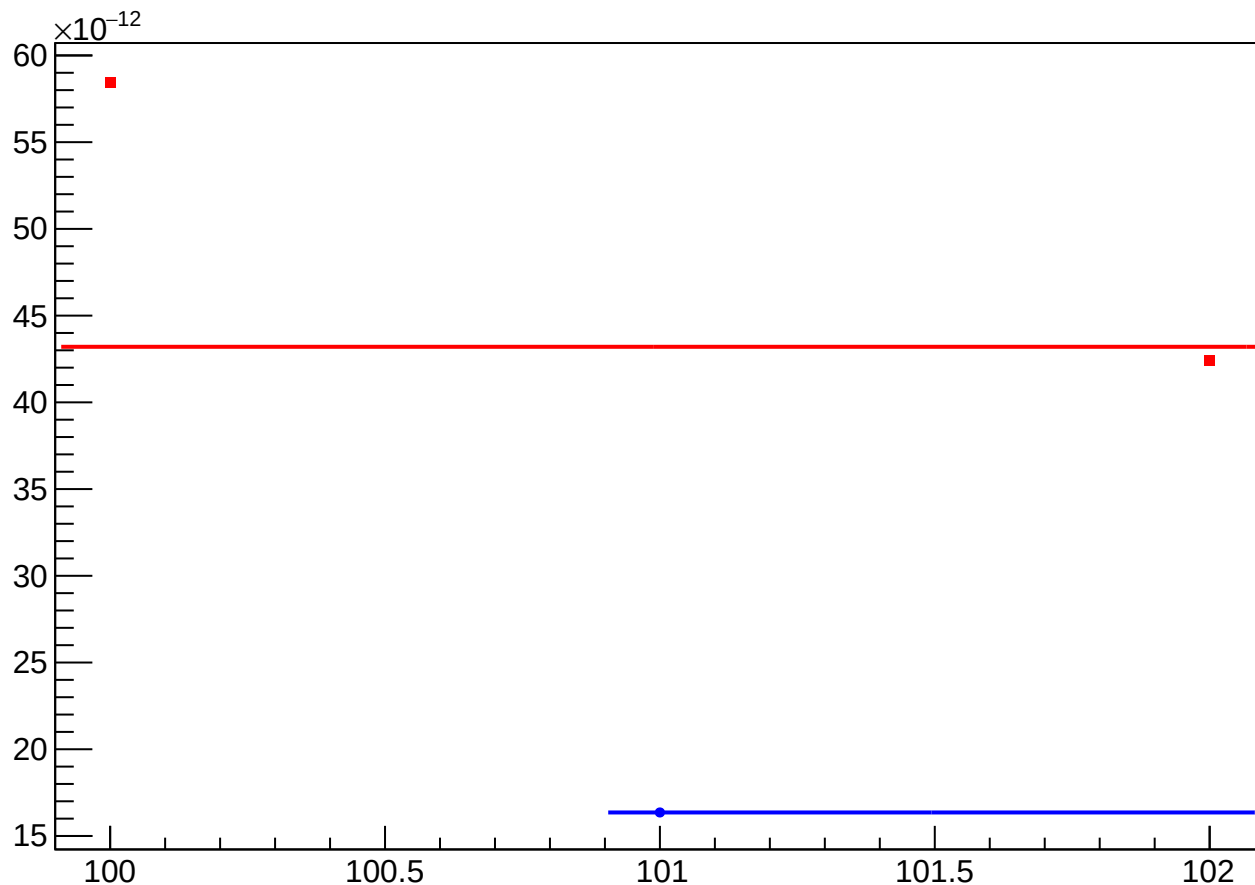
Right: -0.000+/-0.000 χ^2/NDF : 0.3/2

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 : 0.3/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6651.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

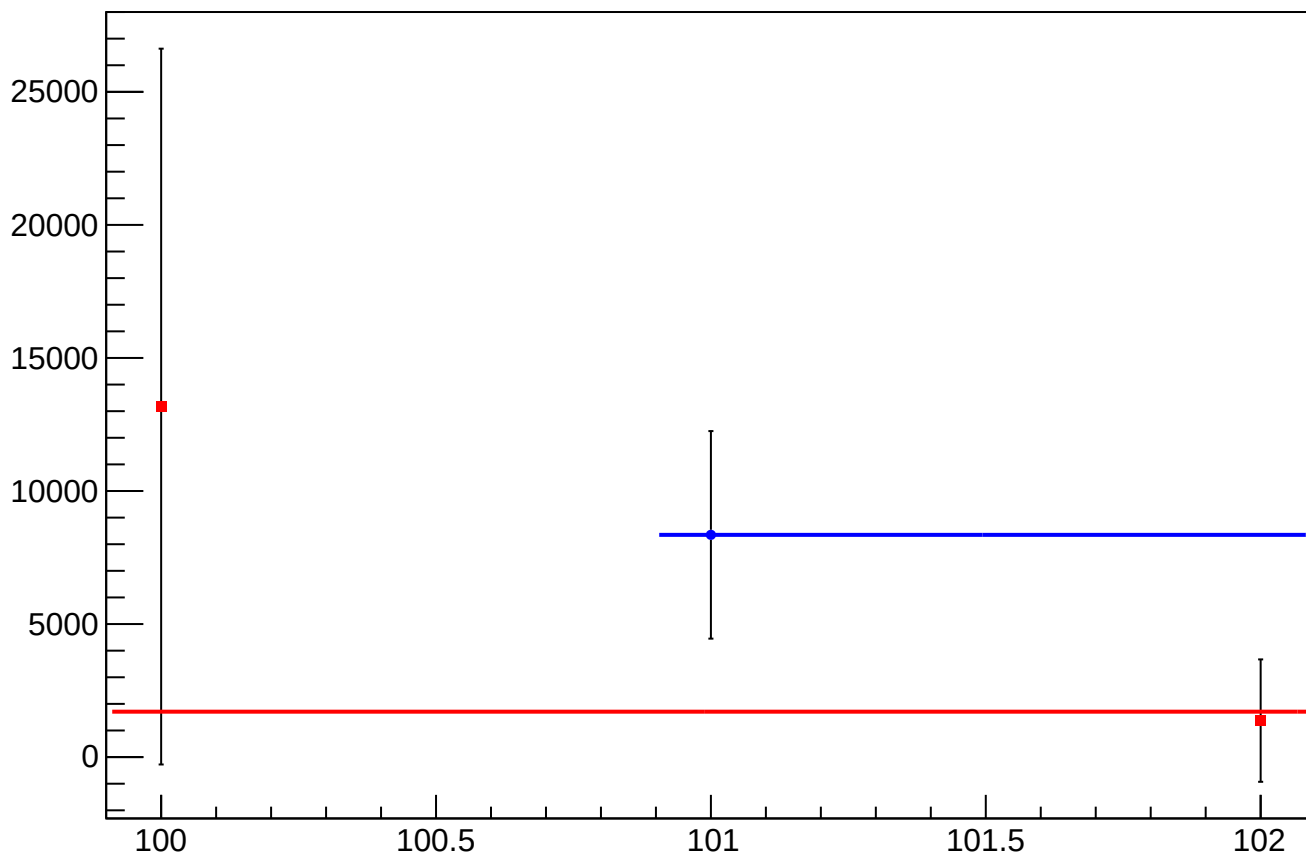
Right: 0.000+/-0.000 χ^2/NDF : 329252.7/2

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 : 329252.7/2

reg_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: 8351.777+/-3900.093 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1706.973+/-2267.047 χ^2/NDF : 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

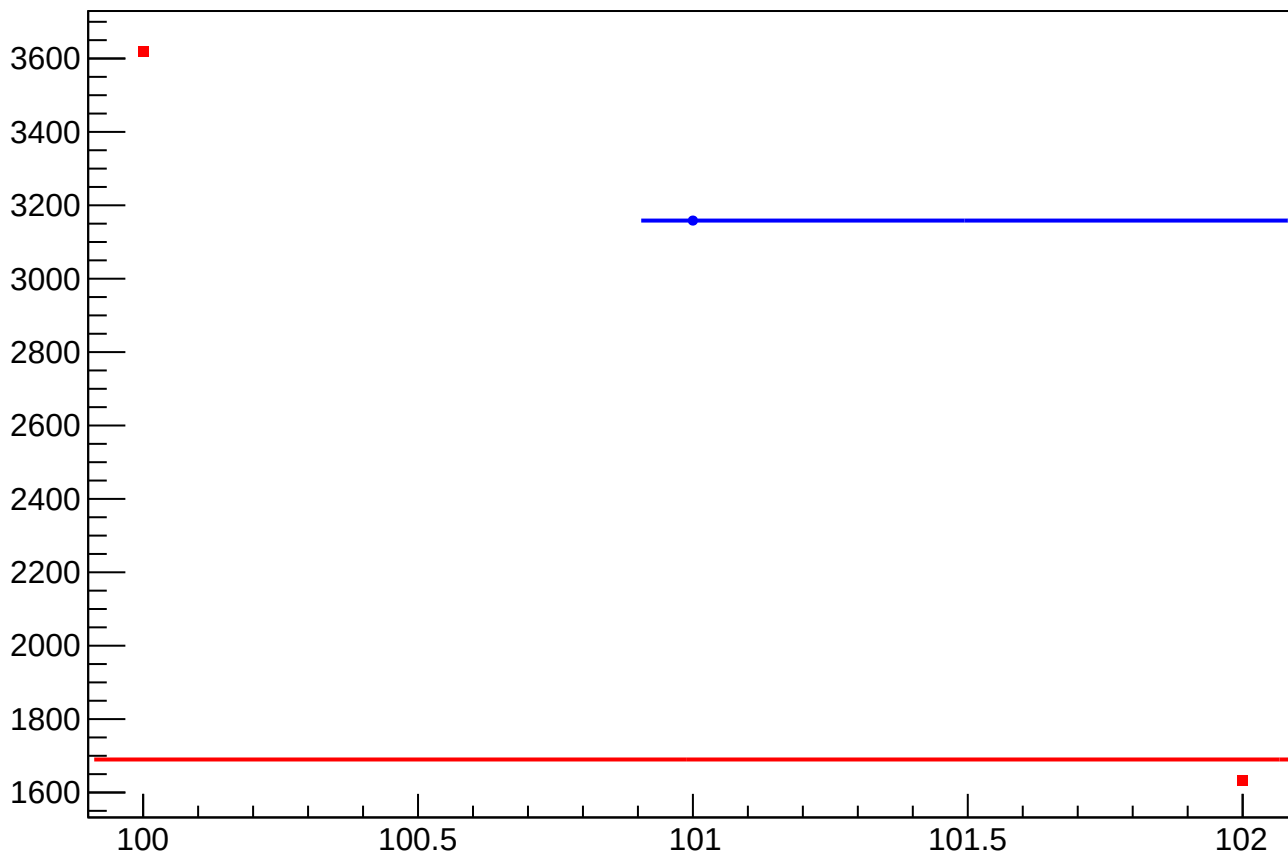
Right: 3385.135+/-1959.976 χ^2/NDF : 2.9/2

In: 8351.777+/-3900.093 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3385.135+/-1959.976 χ^2/NDF : 2.9/2

reg_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 3158.404 $\pm$ 2.758 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1689.932 $\pm$ 1.603 χ^2 /NDF: 42387.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

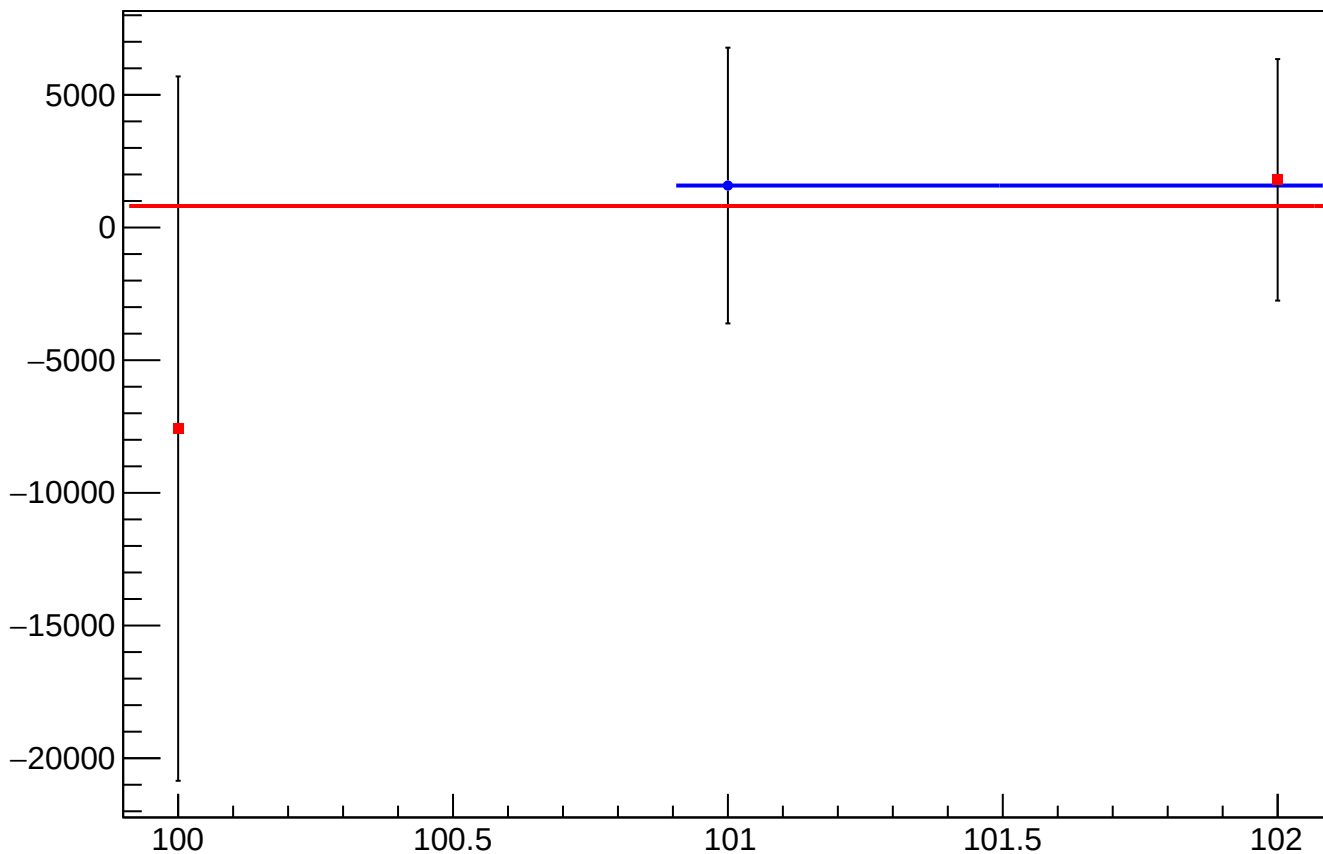
Right: 2060.791 $\pm$ 1.386 χ^2 /NDF: 254318.4/2

In: 3158.404 $\pm$ 2.758 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2060.791 $\pm$ 1.386 χ^2 /NDF: 254318.4/2

asym_at1_avg_at2_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 1582.202 $\pm$ 5196.012 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 810.960 $\pm$ 4304.380 χ^2 /NDF: 0.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

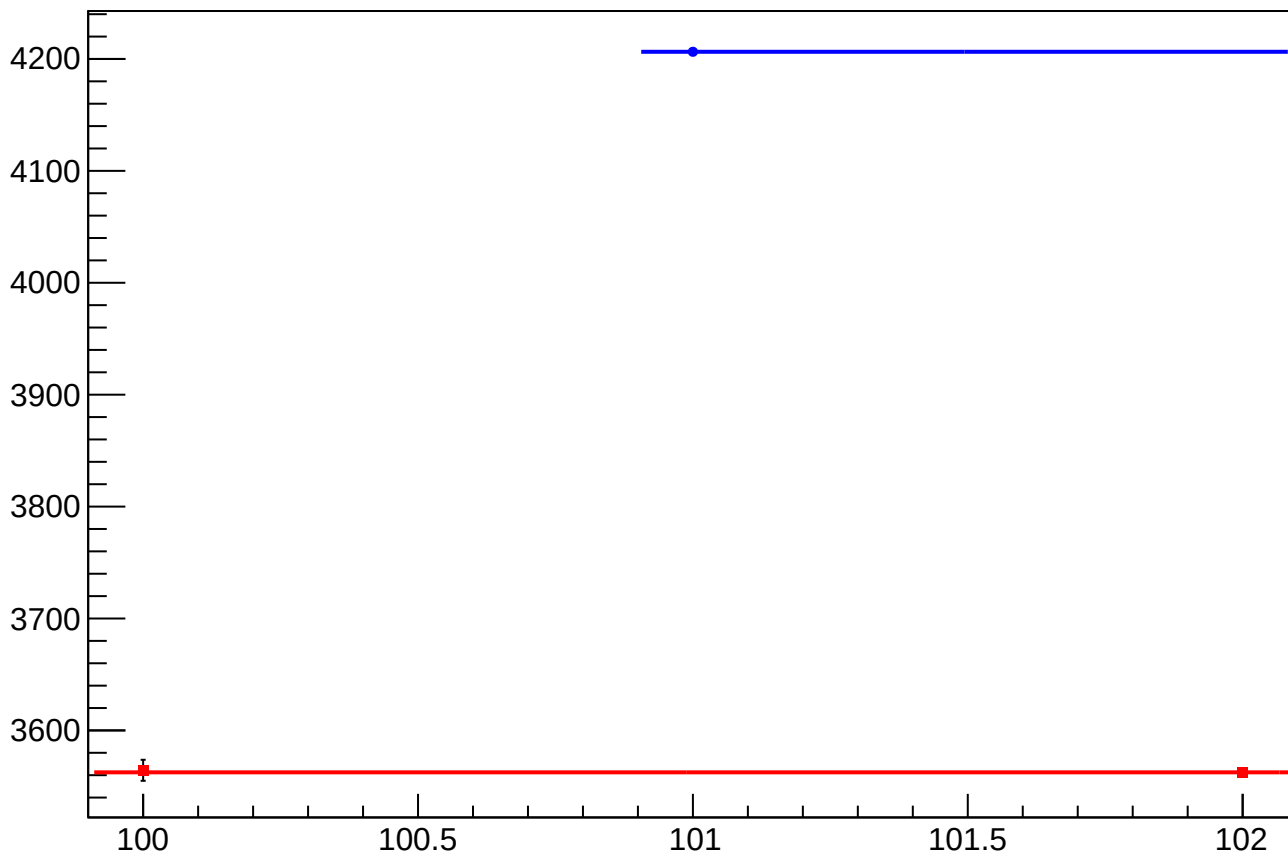
Right: 1124.830 $\pm$ 3314.744 χ^2 /NDF: 0.5/2

In: 1582.202 $\pm$ 5196.012 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1124.830 $\pm$ 3314.744 χ^2 /NDF: 0.5/2

asym_at1_avg_at2_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 4206.409+/-3.674 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3562.542+/-3.044 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

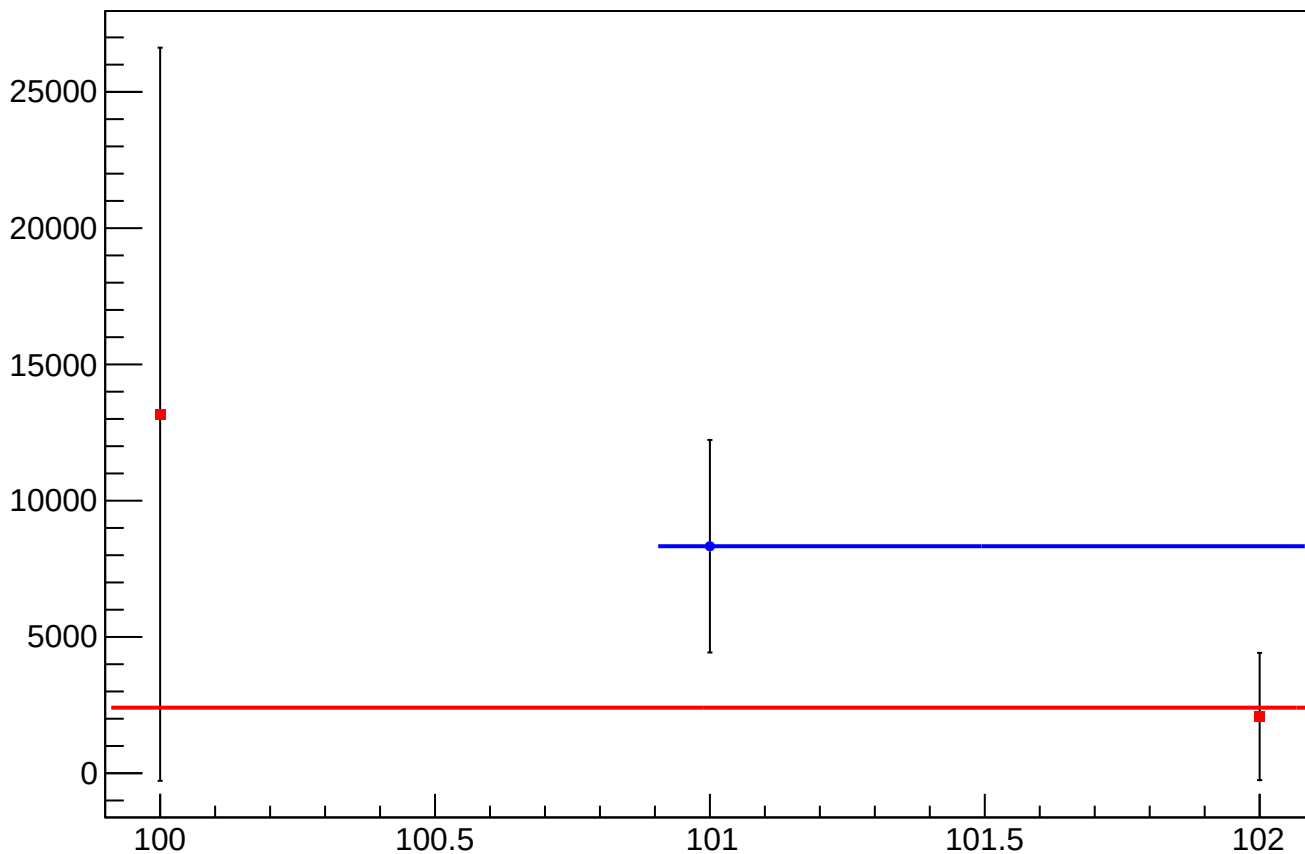
Right: 3824.575+/-2.344 χ^2/NDF : 18212.1/2

In: 4206.409+/-3.674 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3824.575+/-2.344 χ^2/NDF : 18212.1/2

cor_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: 8329.753+/-3900.112 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2406.013+/-2300.230 χ^2/NDF : 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

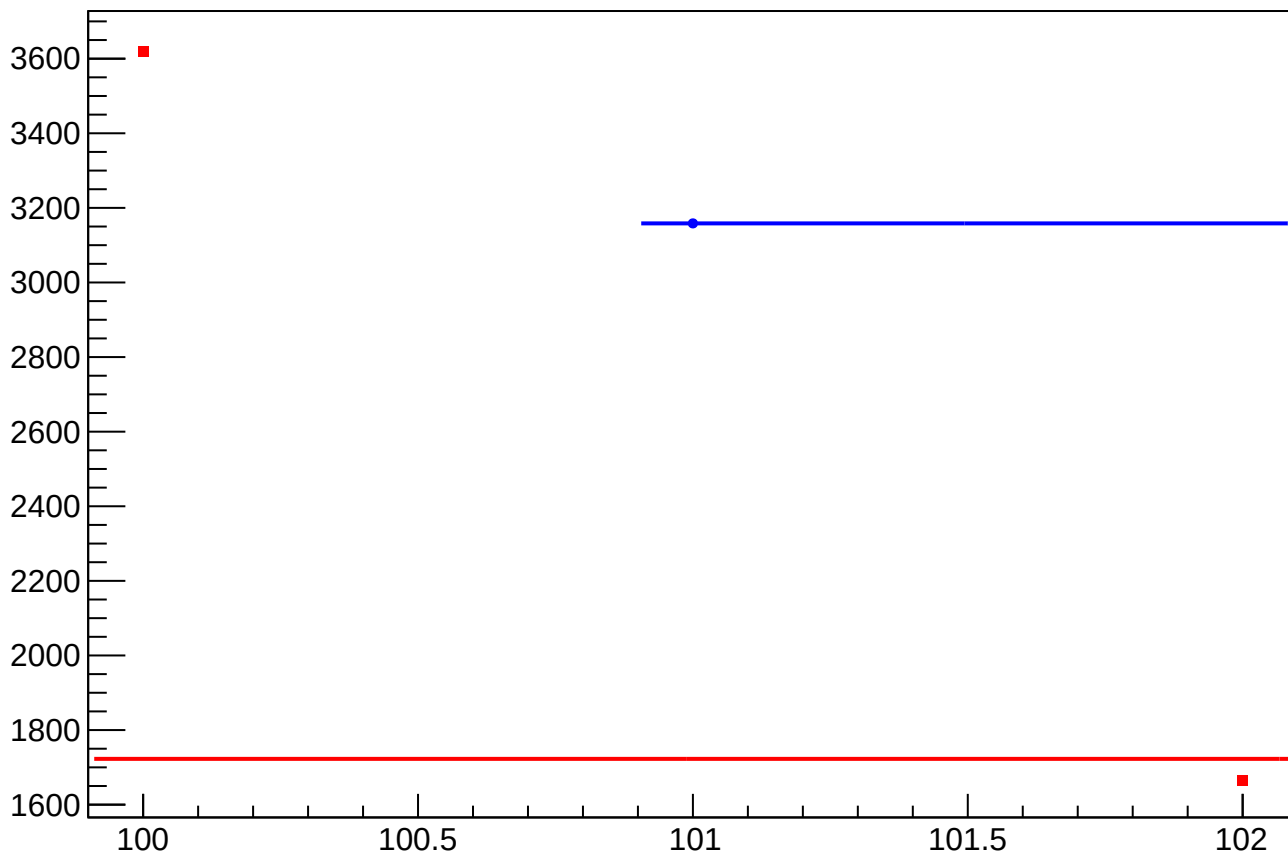
Right: 3934.788+/-1981.303 χ^2/NDF : 2.4/2

In: 8329.753+/-3900.112 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3934.788+/-1981.303 χ^2/NDF : 2.4/2

cor_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 3158.415+/-2.758 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1722.775+/-1.626 χ^2/NDF : 40992.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

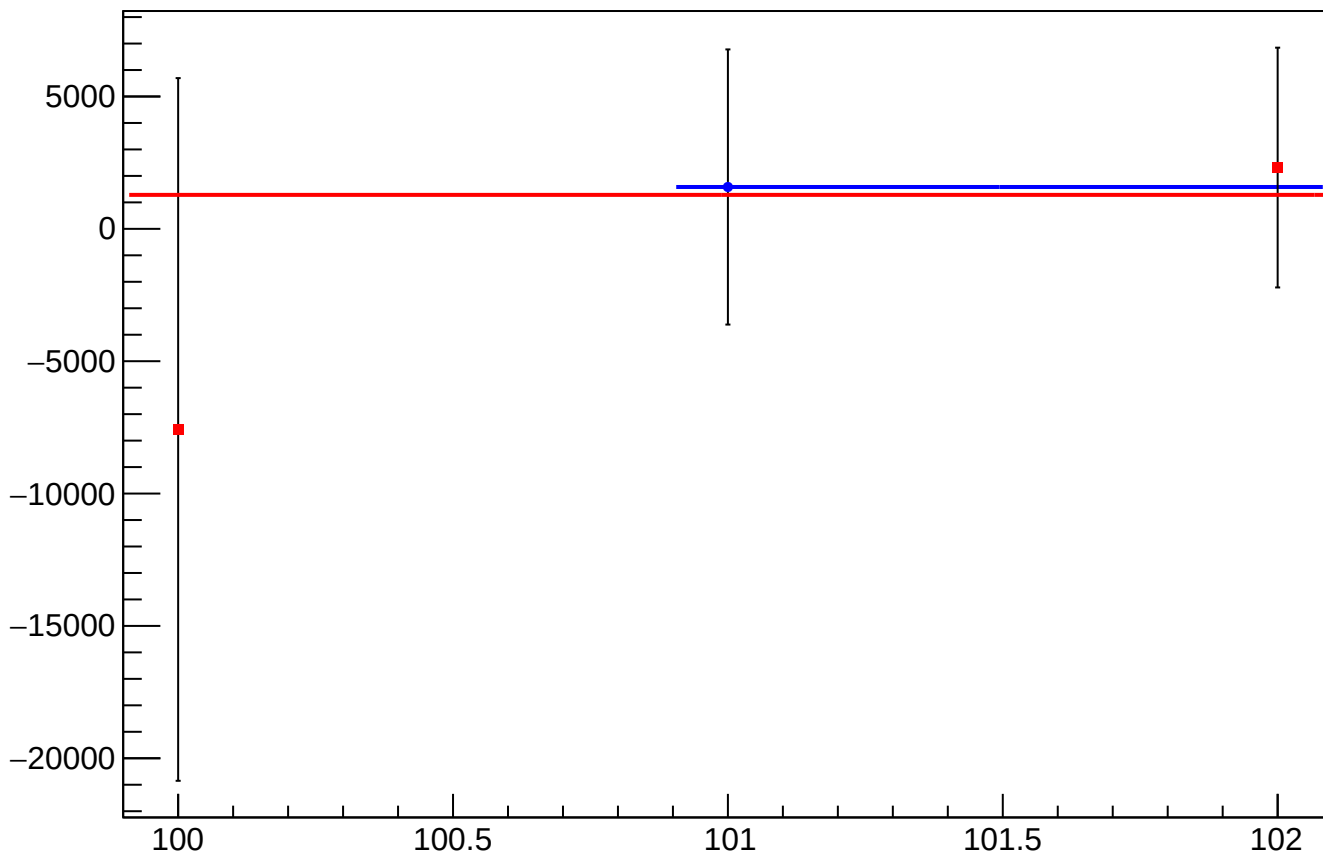
Right: 2093.272+/-1.401 χ^2/NDF : 242054.2/2

In: 3158.415+/-2.758 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2093.272+/-1.401 χ^2/NDF : 242054.2/2

asym_at1_avg_at2_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1581.331 $\pm$ 5197.313 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1283.392 $\pm$ 4286.501 χ^2 /NDF: 0.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

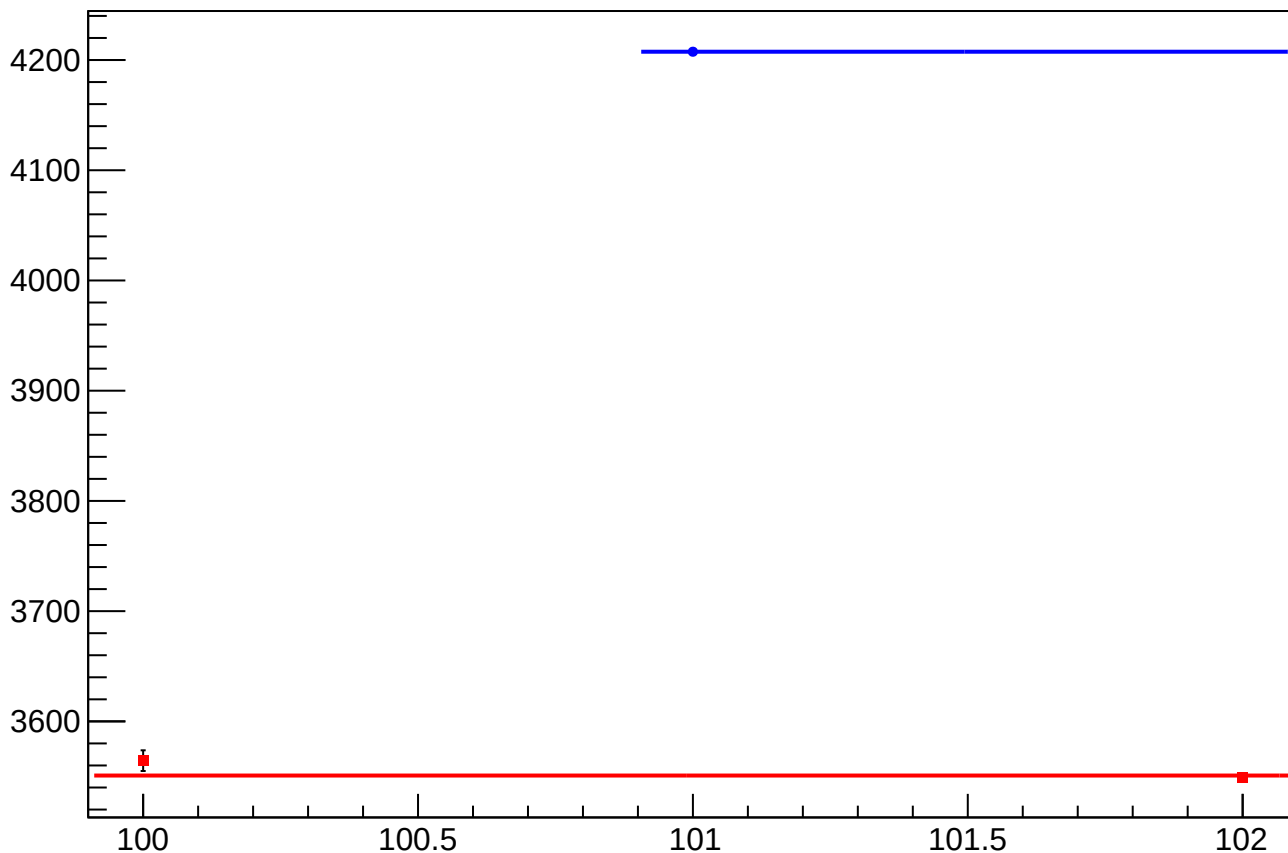
Right: 1404.009 $\pm$ 3306.893 χ^2 /NDF: 0.5/2

In: 1581.331 $\pm$ 5197.313 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1404.009 $\pm$ 3306.893 χ^2 /NDF: 0.5/2

asym_at1_avg_at2_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 4207.526+/-3.675 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3550.867+/-3.031 χ^2/NDF : 2.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

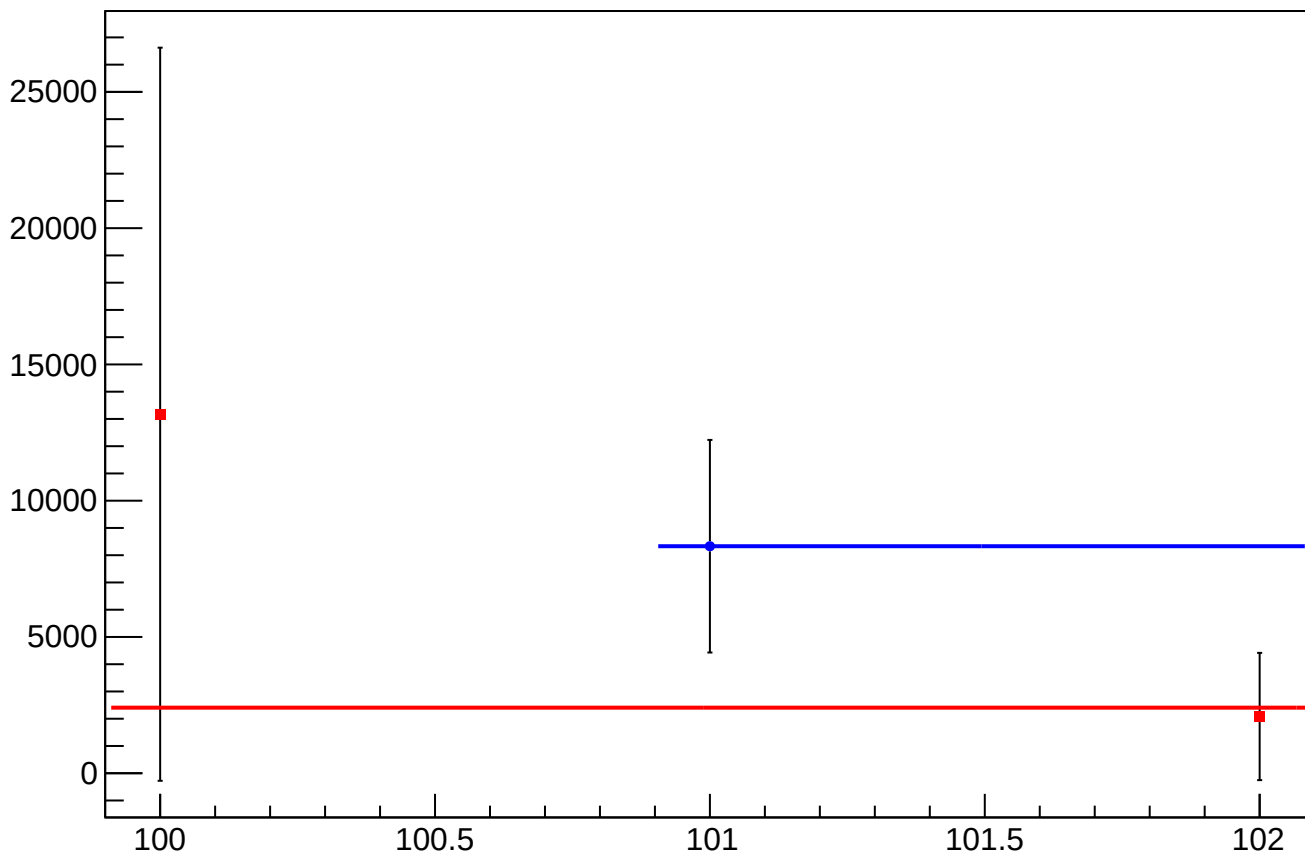
Right: 3816.708+/-2.338 χ^2/NDF : 19003.7/2

In: 4207.526+/-3.675 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3816.708+/-2.338 χ^2/NDF : 19003.7/2

eigen_cor_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: 8329.753+/-3900.112 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2406.013+/-2300.230 χ^2 /NDF: 0.7/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

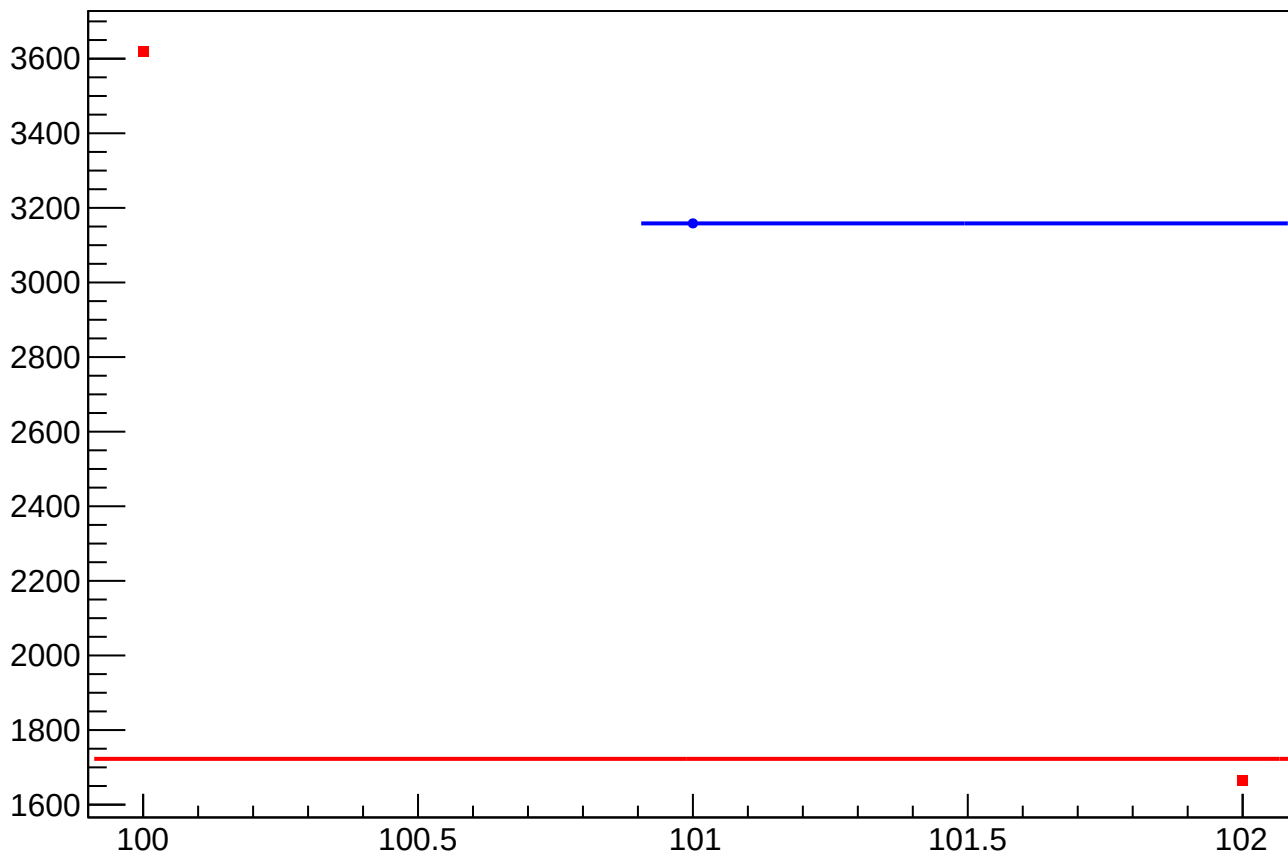
Right: 3934.788+/-1981.303 χ^2 /NDF: 2.4/2

In: 8329.753+/-3900.112 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 3934.788+/-1981.303 χ^2 /NDF: 2.4/2

eigen_cor_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 3158.415 $\pm$ 2.758 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1722.775 $\pm$ 1.626 χ^2 /NDF: 40992.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

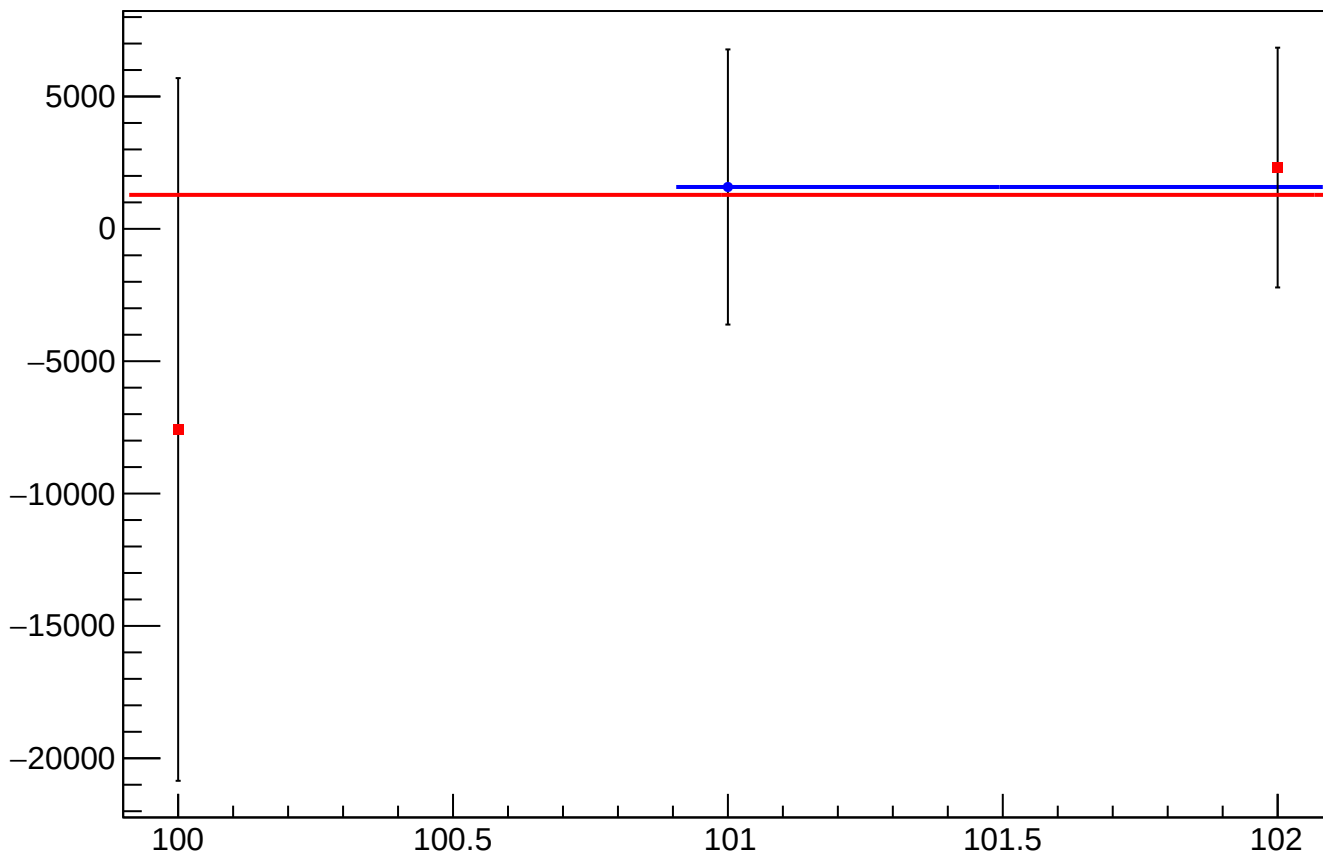
Right: 2093.272 $\pm$ 1.401 χ^2 /NDF: 242054.2/2

In: 3158.415 $\pm$ 2.758 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2093.272 $\pm$ 1.401 χ^2 /NDF: 242054.2/2

asym_at1_avg_at2_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1581.331+/-5197.313 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1283.392+/-4286.501 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

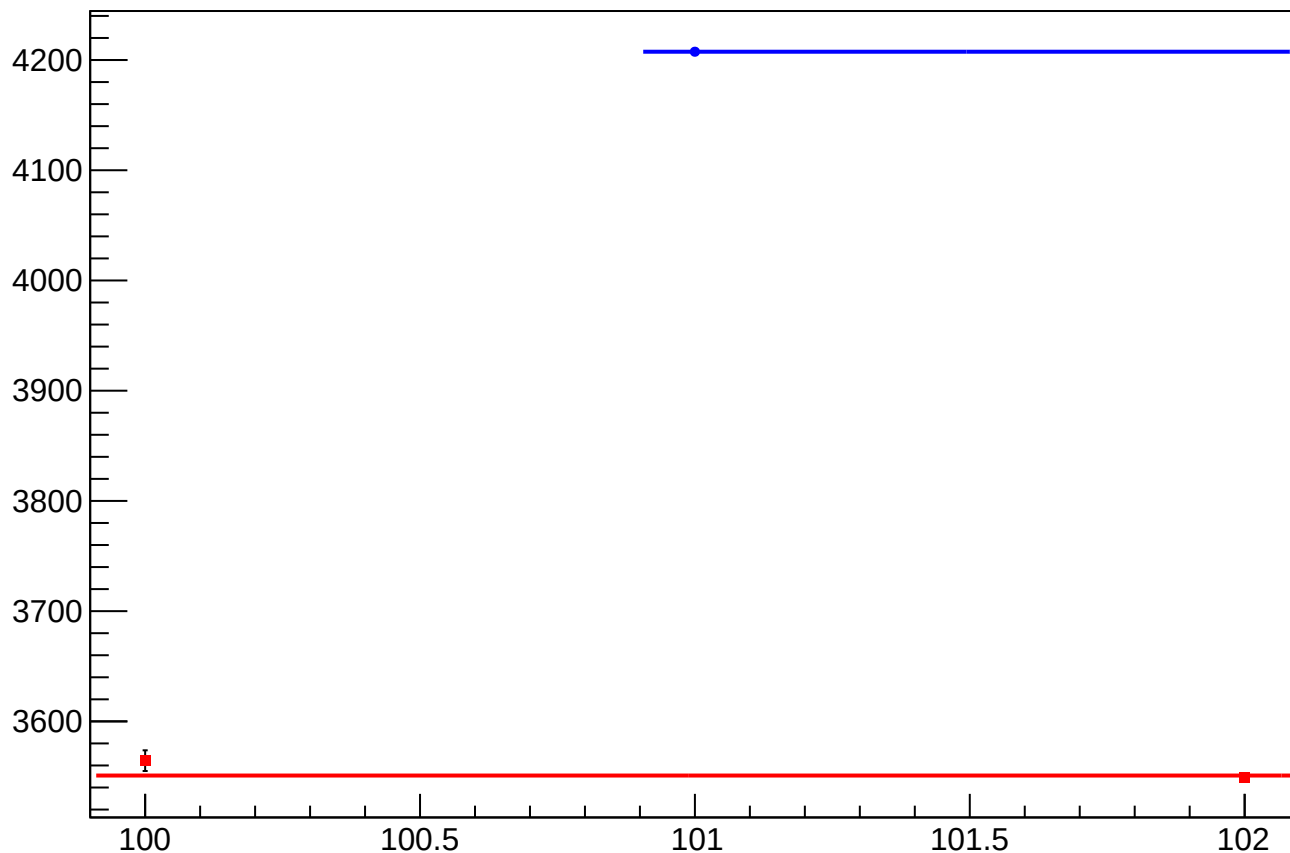
Right: 1404.009+/-3306.893 χ^2/NDF : 0.5/2

In: 1581.331+/-5197.313 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1404.009+/-3306.893 χ^2/NDF : 0.5/2

asym_at1_avg_at2_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4207.526+/-3.675 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3550.867+/-3.031 χ^2/NDF : 2.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

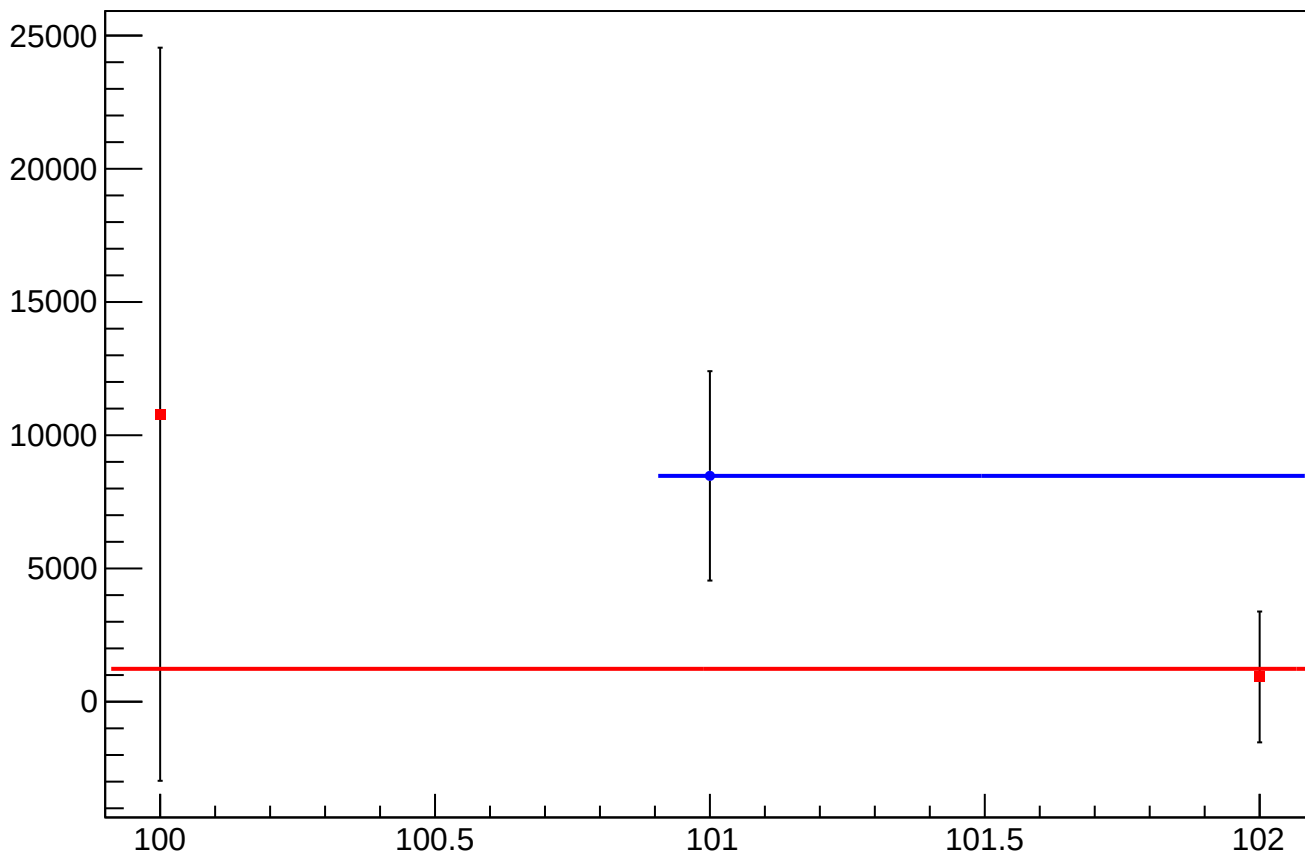
Right: 3816.708+/-2.338 χ^2/NDF : 19003.7/2

In: 4207.526+/-3.675 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3816.708+/-2.338 χ^2/NDF : 19003.7/2

dit_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: 8475.157+/-3929.196 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1233.516+/-2416.996 χ^2 /NDF: 0.5/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

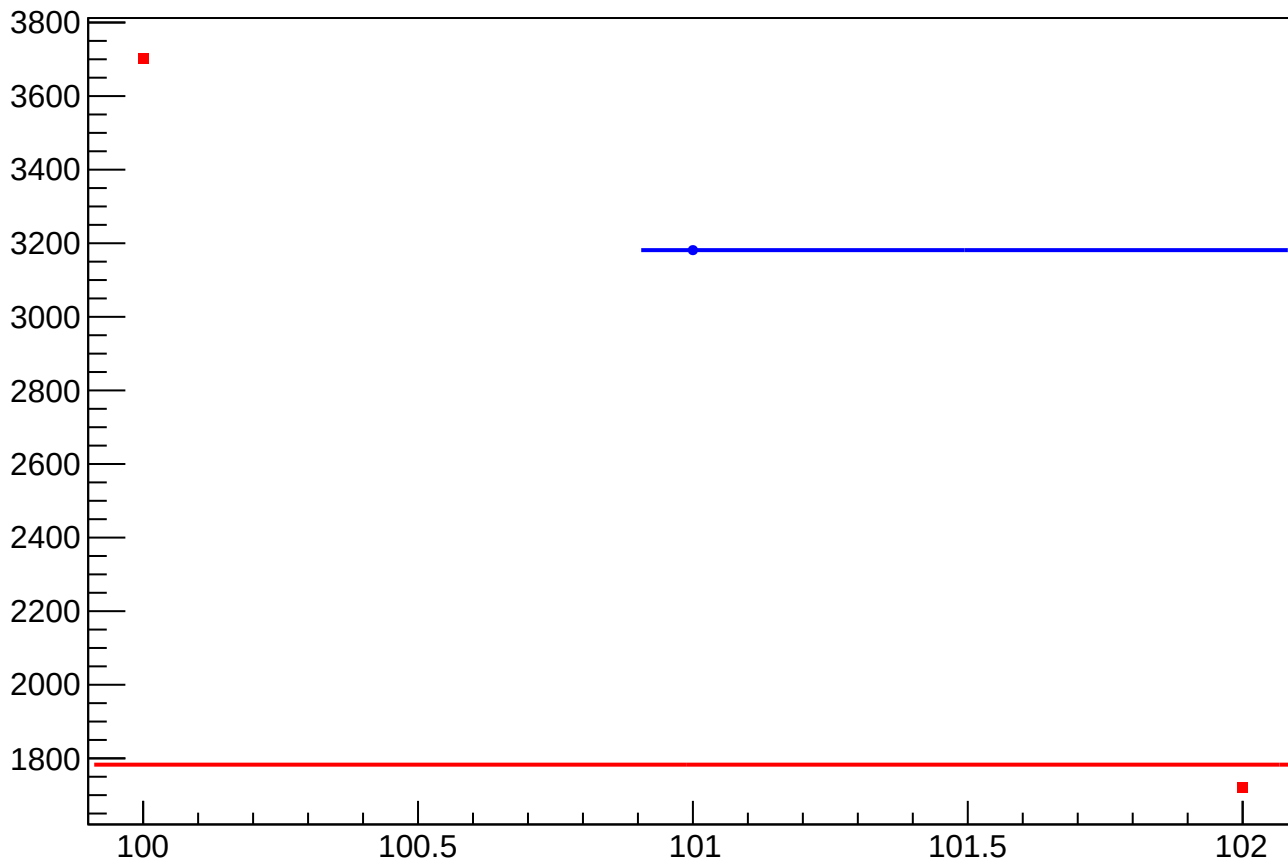
Right: 3221.478+/-2058.682 χ^2 /NDF: 3.0/2

In: 8475.157+/-3929.196 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 3221.478+/-2058.682 χ^2 /NDF: 3.0/2

dit_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 3181.298 $\pm$ 2.778 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1782.830 $\pm$ 1.709 χ^2 /NDF: 40198.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

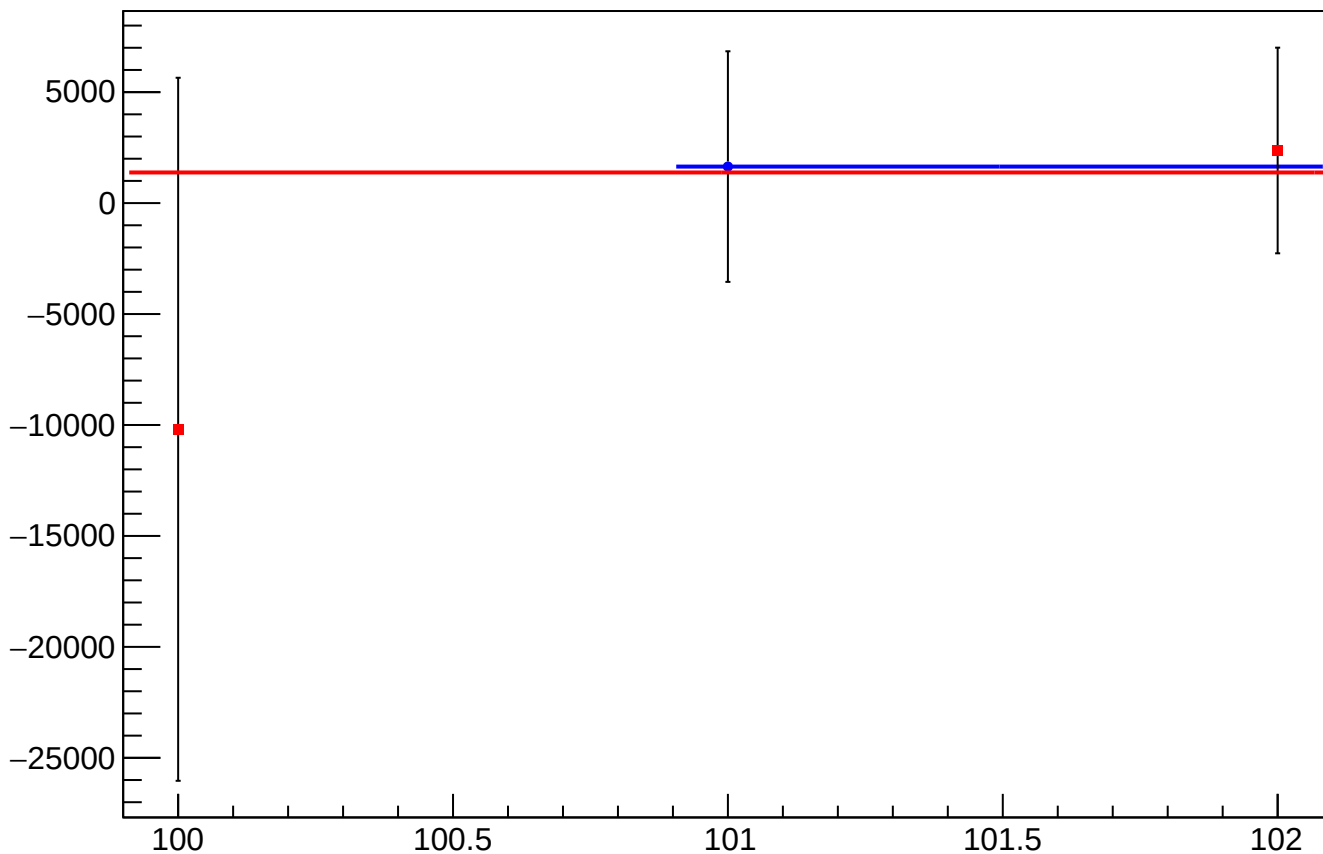
Right: 2166.727 $\pm$ 1.456 χ^2 /NDF: 224003.1/2

In: 3181.298 $\pm$ 2.778 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2166.727 $\pm$ 1.456 χ^2 /NDF: 224003.1/2

asym_at1_avg_at2_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1645.506 $\pm$ 5196.241 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1380.395 $\pm$ 4447.407 χ^2 /NDF: 0.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

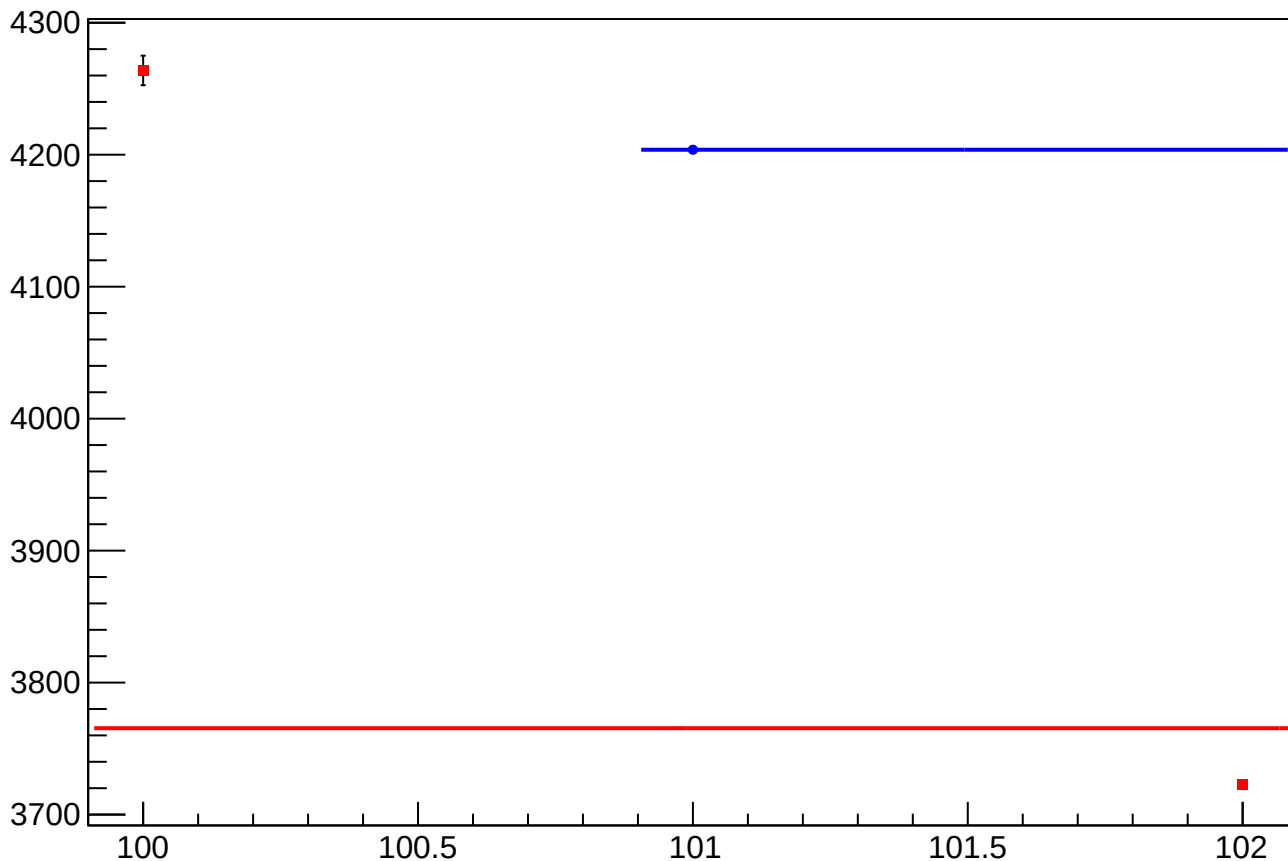
Right: 1492.488 $\pm$ 3378.815 χ^2 /NDF: 0.6/2

In: 1645.506 $\pm$ 5196.241 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1492.488 $\pm$ 3378.815 χ^2 /NDF: 0.6/2

asym_at1_avg_at2_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 4203.768+/-3.674 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3765.454+/-3.145 χ^2/NDF : 2148.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

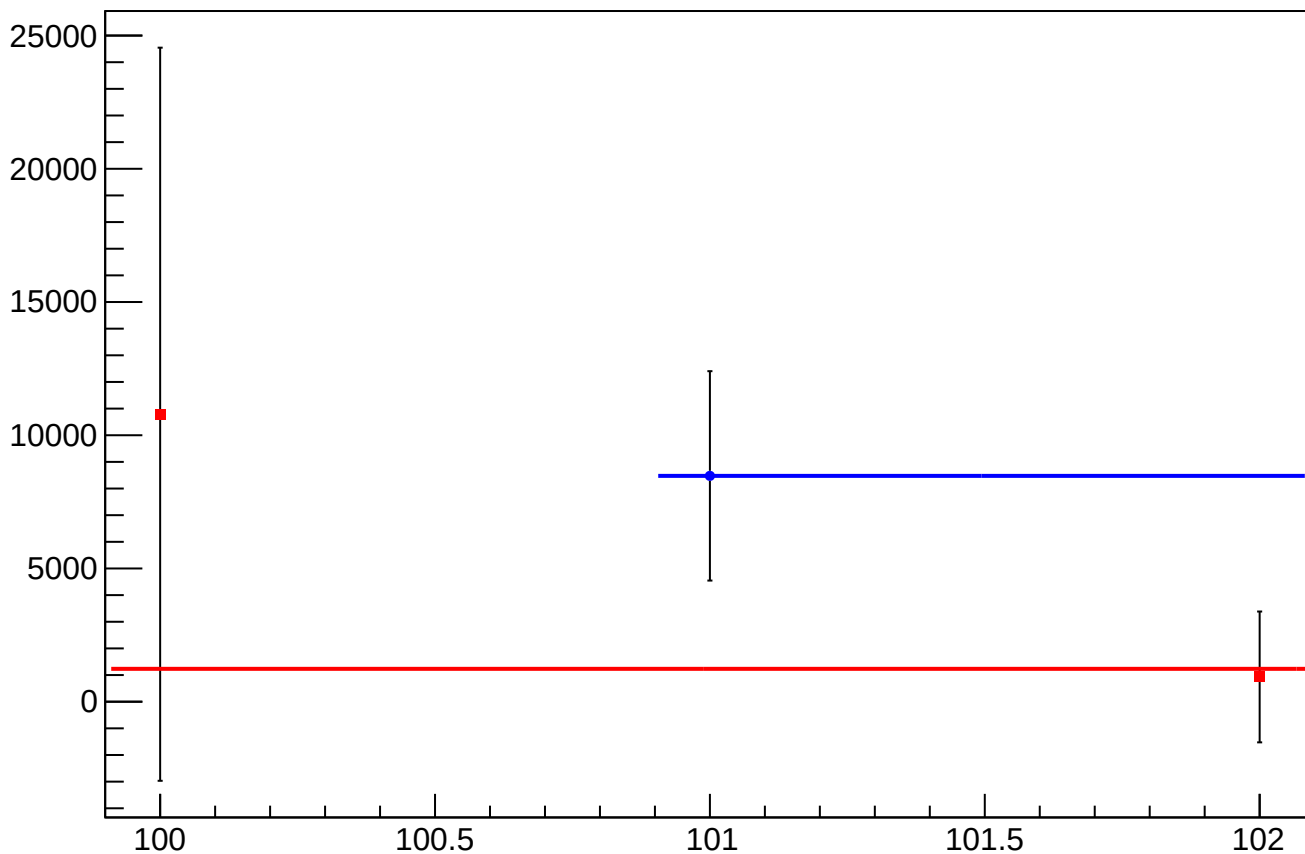
Right: 3950.780+/-2.389 χ^2/NDF : 10362.6/2

In: 4203.768+/-3.674 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3950.780+/-2.389 χ^2/NDF : 10362.6/2

eigen_dit_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: 8475.177+/-3929.196 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1233.489+/-2416.996 χ^2 /NDF: 0.5/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

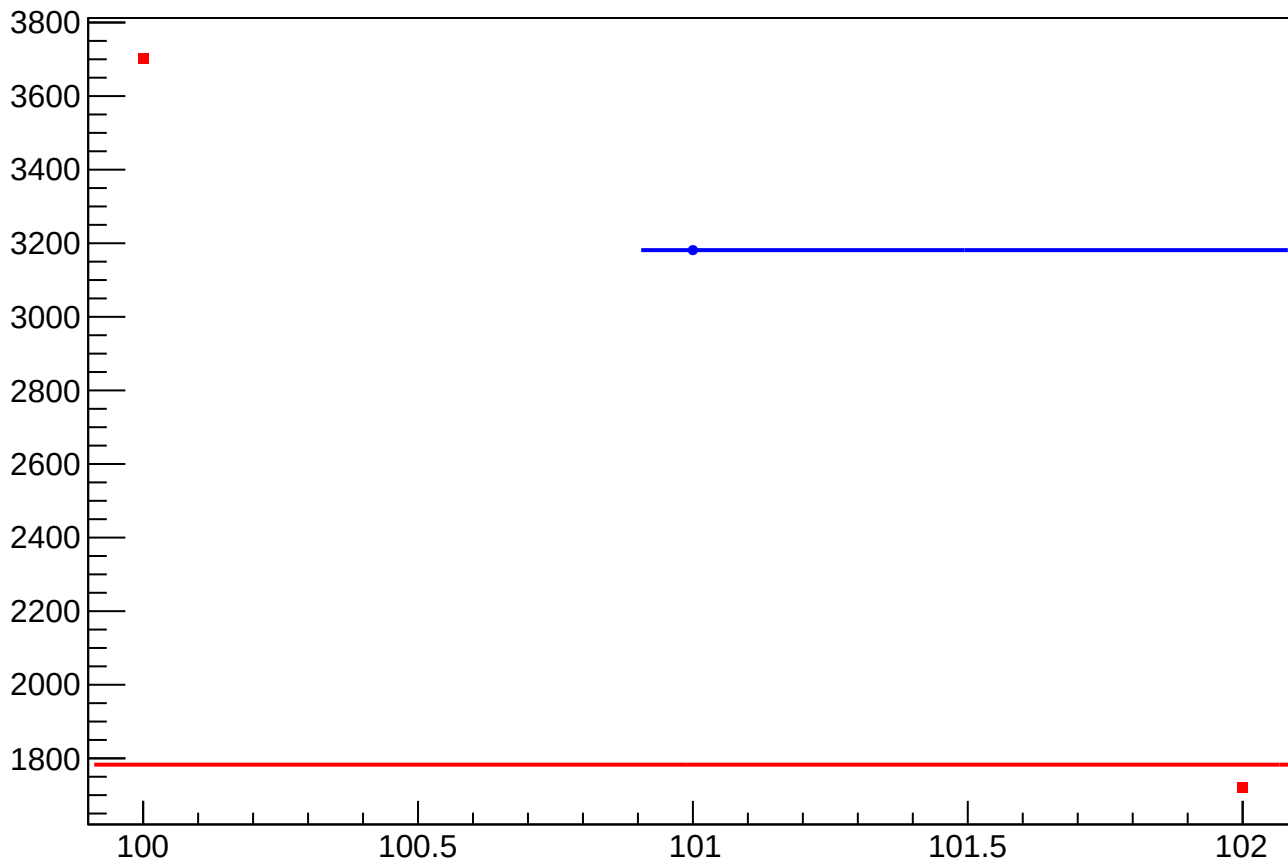
Right: 3221.464+/-2058.682 χ^2 /NDF: 3.0/2

In: 8475.177+/-3929.196 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 3221.464+/-2058.682 χ^2 /NDF: 3.0/2

eigen_dit_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 3181.297 $\pm$ 2.778 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1782.830 $\pm$ 1.709 χ^2 /NDF: 40198.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

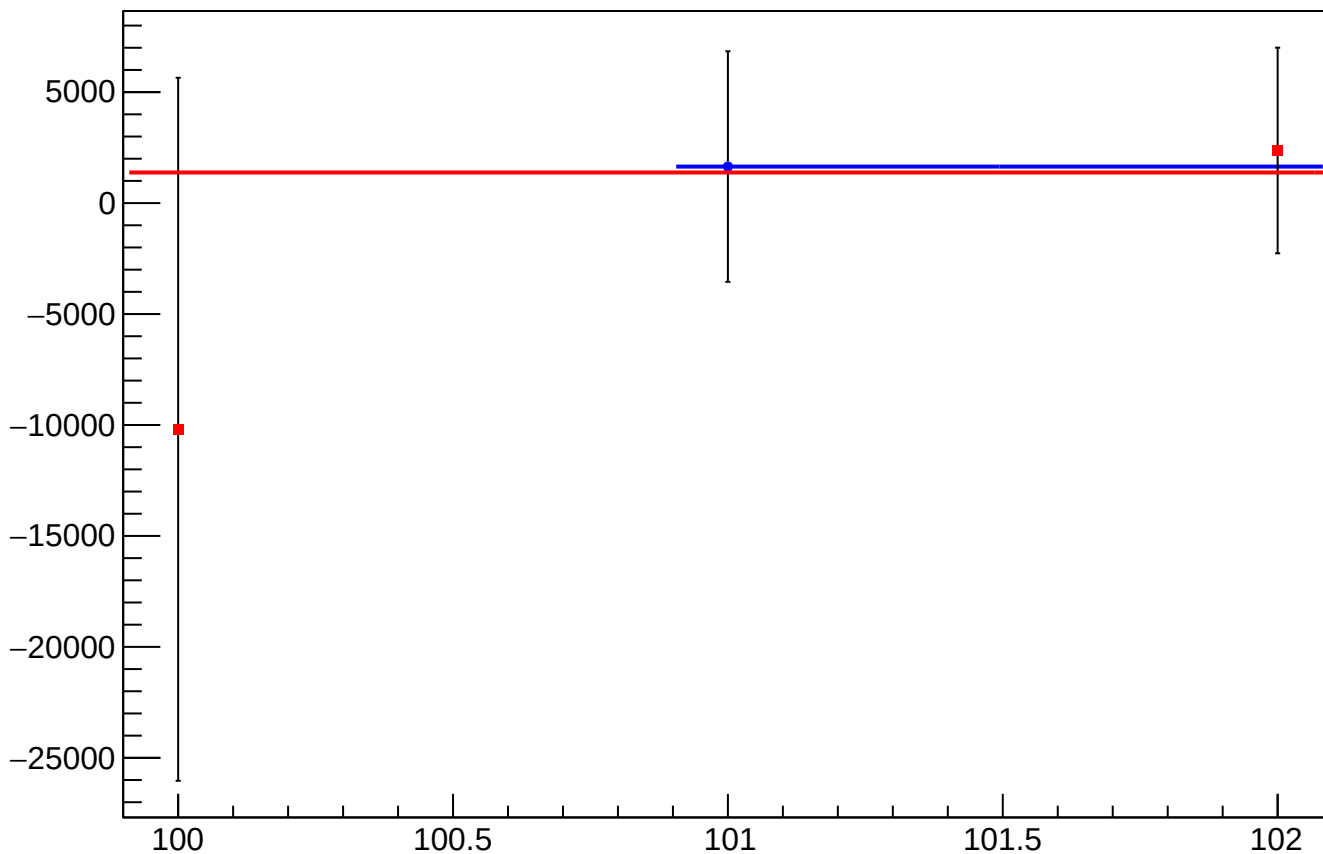
Right: 2166.727 $\pm$ 1.456 χ^2 /NDF: 224003.1/2

In: 3181.297 $\pm$ 2.778 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2166.727 $\pm$ 1.456 χ^2 /NDF: 224003.1/2

asym_at1_avg_at2_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1645.520+/-5196.236 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1380.390+/-4447.410 χ^2 /NDF: 0.6/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

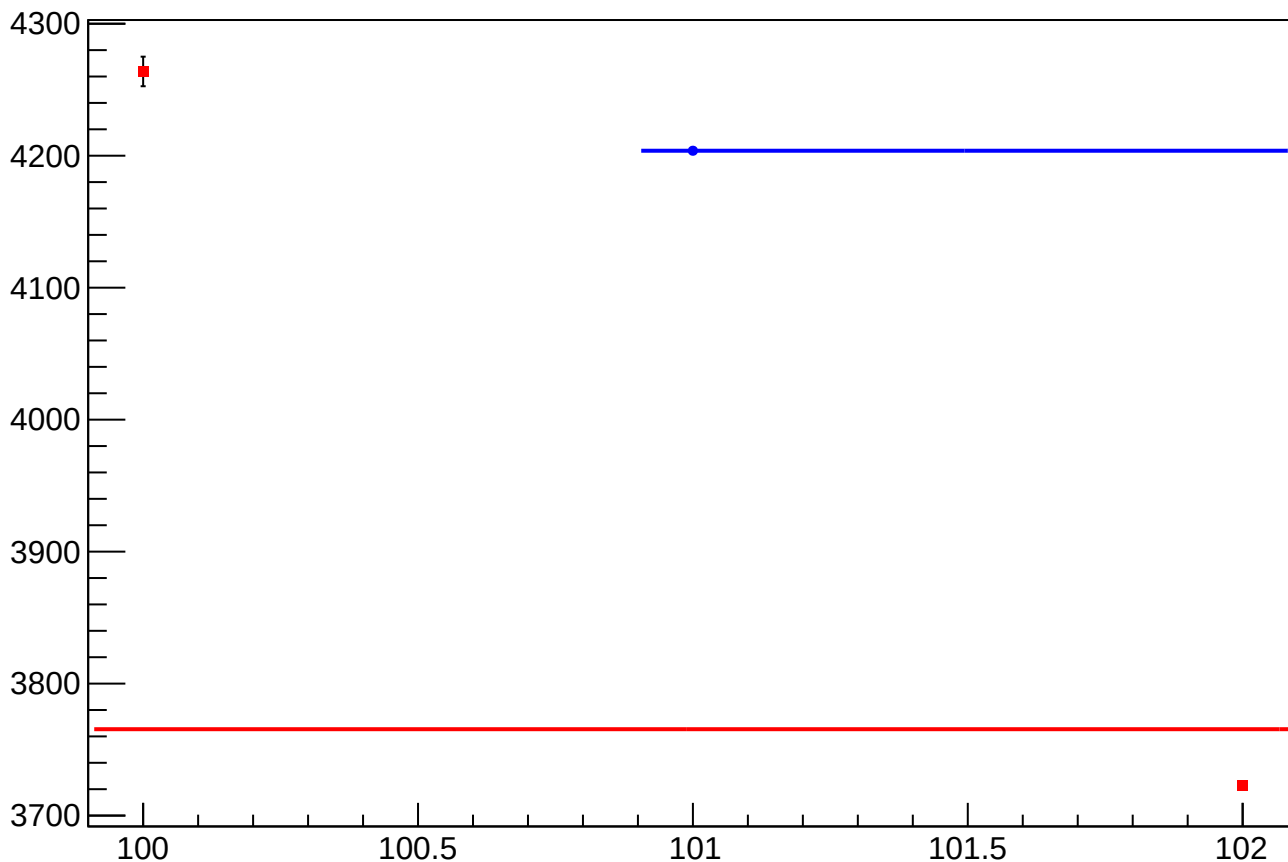
Right: 1492.491+/-3378.815 χ^2 /NDF: 0.6/2

In: 1645.520+/-5196.236 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1492.491+/-3378.815 χ^2 /NDF: 0.6/2

asym_at1_avg_at2_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4203.764 $\pm$ 3.674 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3765.456 $\pm$ 3.145 χ^2 /NDF: 2148.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

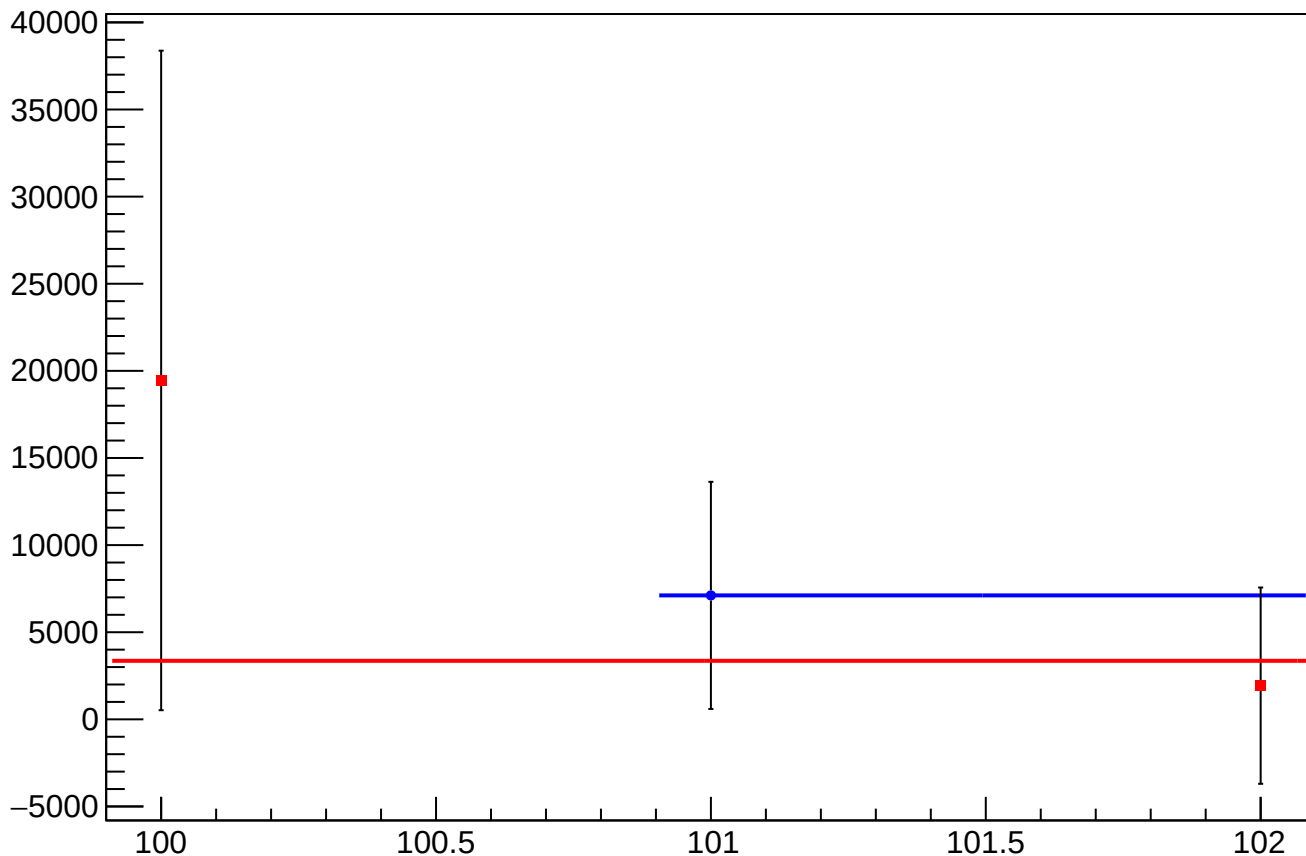
Right: 3950.780 $\pm$ 2.389 χ^2 /NDF: 10362.3/2

In: 4203.764 $\pm$ 3.674 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3950.780 $\pm$ 2.389 χ^2 /NDF: 10362.3/2

asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: 7113.572+/-6517.946 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3358.781+/-5398.769 χ^2/NDF : 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

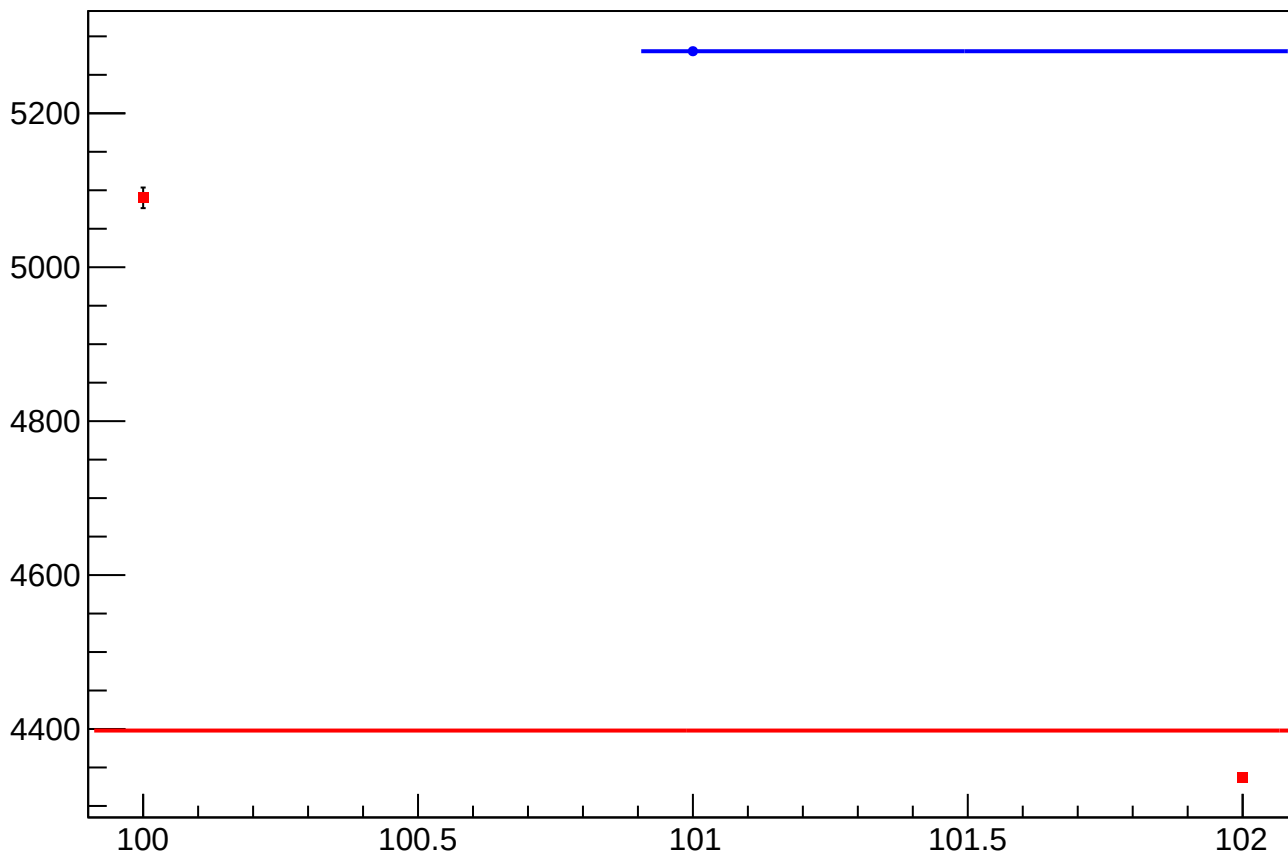
Right: 4886.622+/-4157.737 χ^2/NDF : 1.0/2

In: 7113.572+/-6517.946 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4886.622+/-4157.737 χ^2/NDF : 1.0/2

asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 5280.679+/-4.609 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4397.973+/-3.817 χ^2/NDF : 2912.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

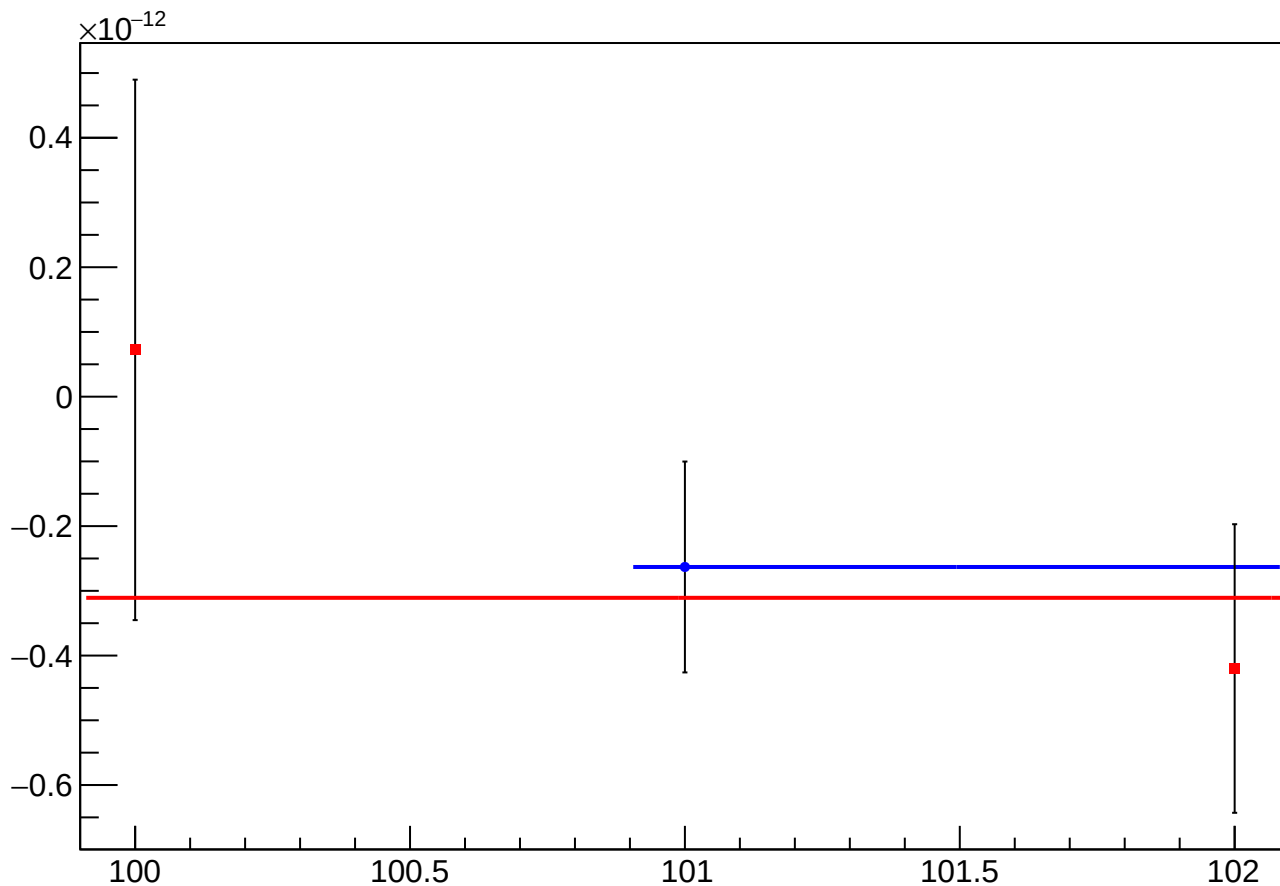
Right: 4757.121+/-2.940 χ^2/NDF : 24668.8/2

In: 5280.679+/-4.609 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4757.121+/-2.940 χ^2/NDF : 24668.8/2

asym_at1_avg_at2_avg_dd_reg_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 : 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

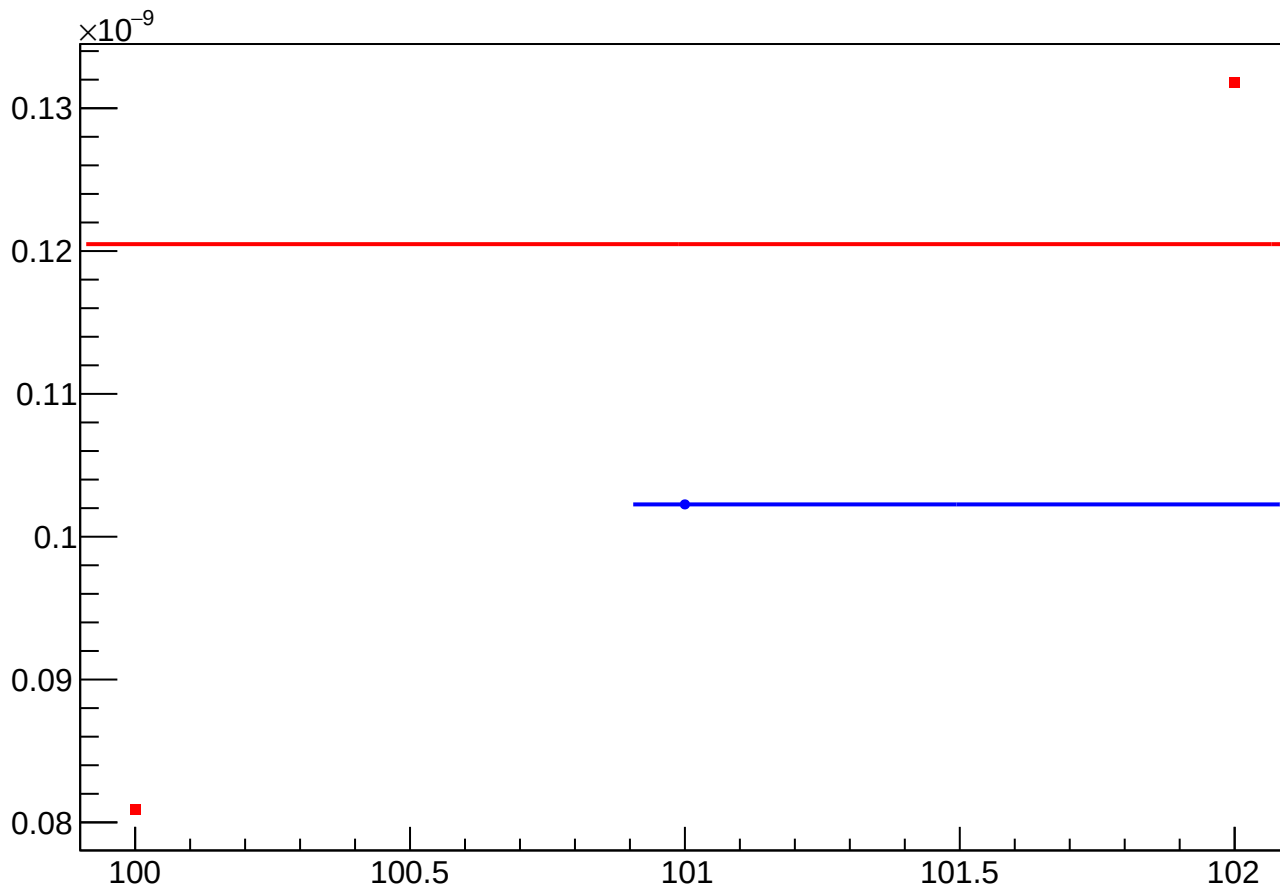
Right: -0.000+/-0.000 χ^2/NDF : 1.1/2

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 : 1.1/2

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_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 : 23110.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

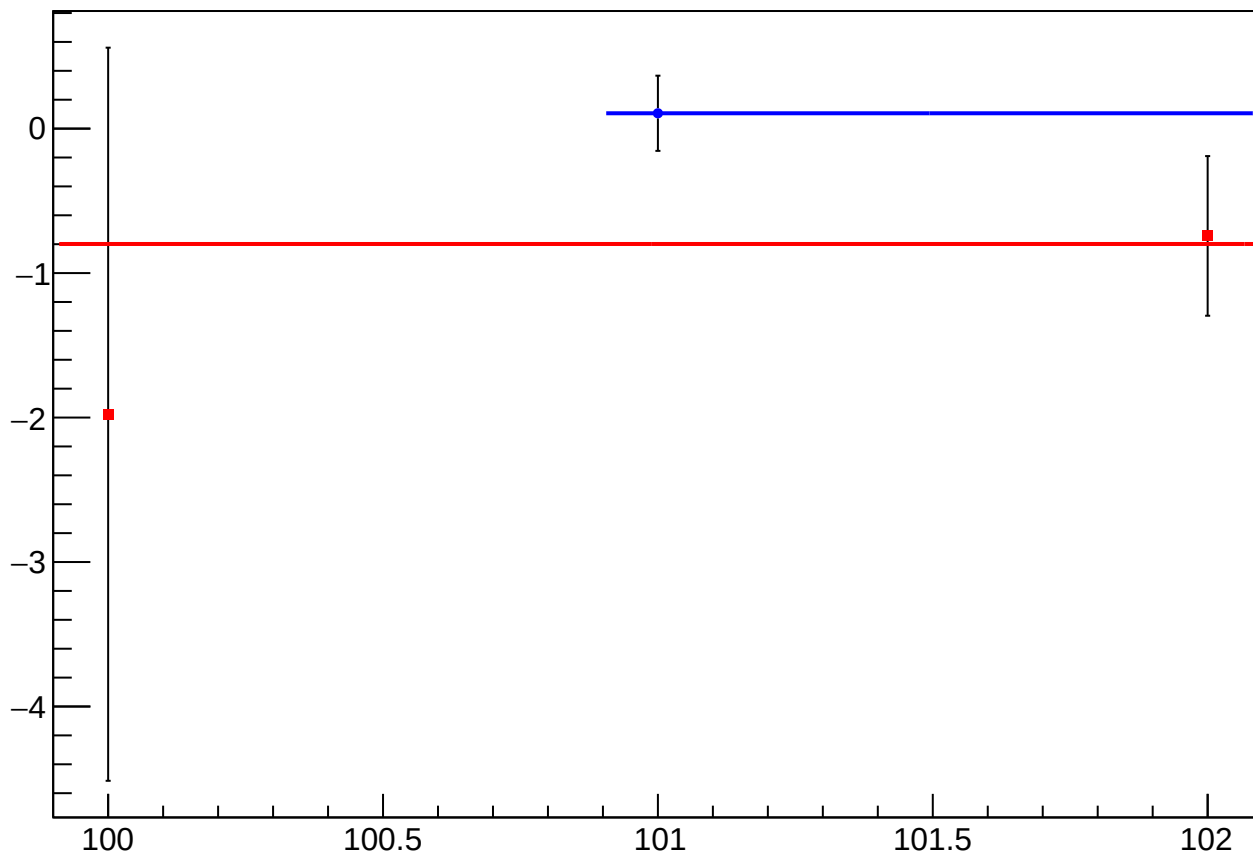
Right: 0.000+/-0.000 χ^2/NDF : 33293.4/2

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 : 33293.4/2

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.106 $\pm$ 0.260 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.799 $\pm$ 0.540 χ^2 /NDF: 0.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

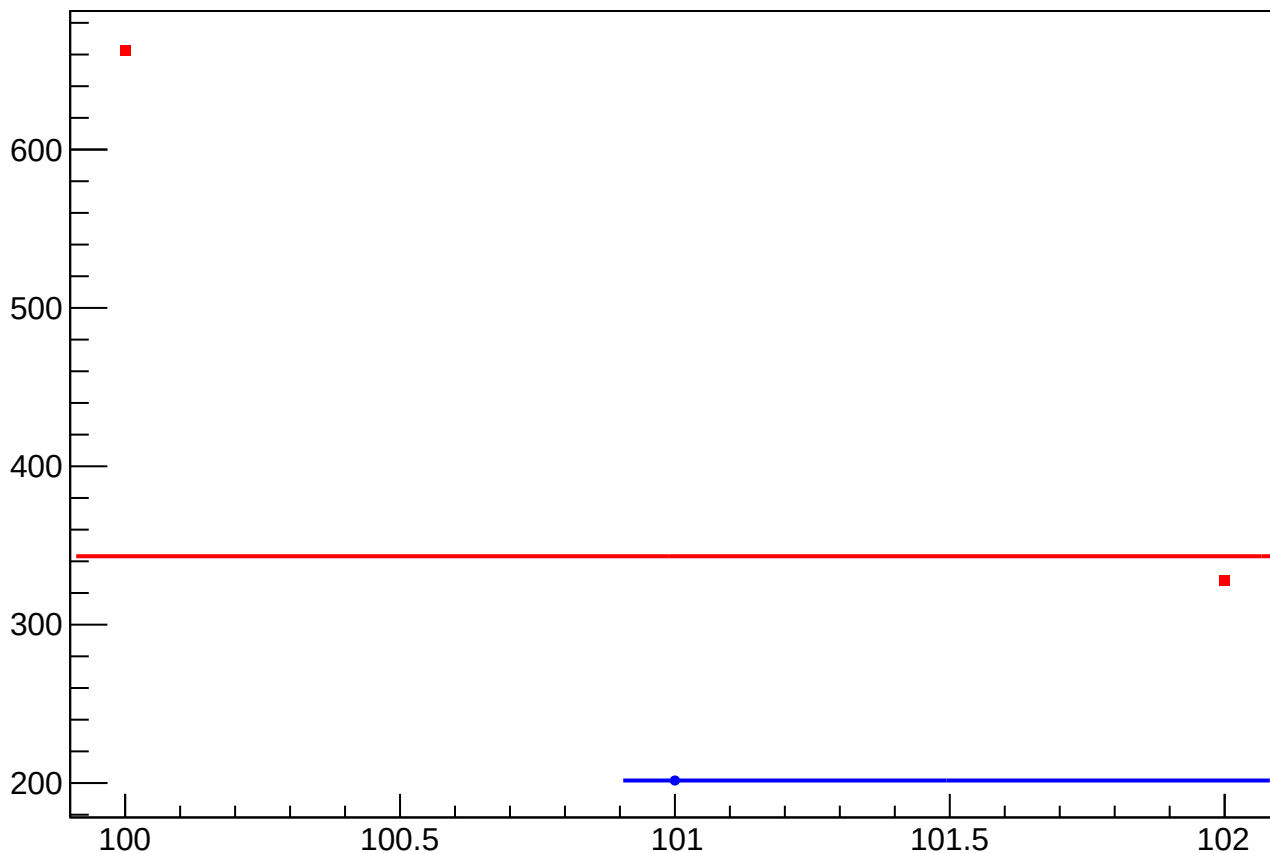
Right: -0.064 $\pm$ 0.234 χ^2 /NDF: 2.5/2

In: 0.106 $\pm$ 0.260 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.064 $\pm$ 0.234 χ^2 /NDF: 2.5/2

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 201.597 $\pm$ 0.184 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 343.204 $\pm$ 0.382 χ^2 /NDF: 33181.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

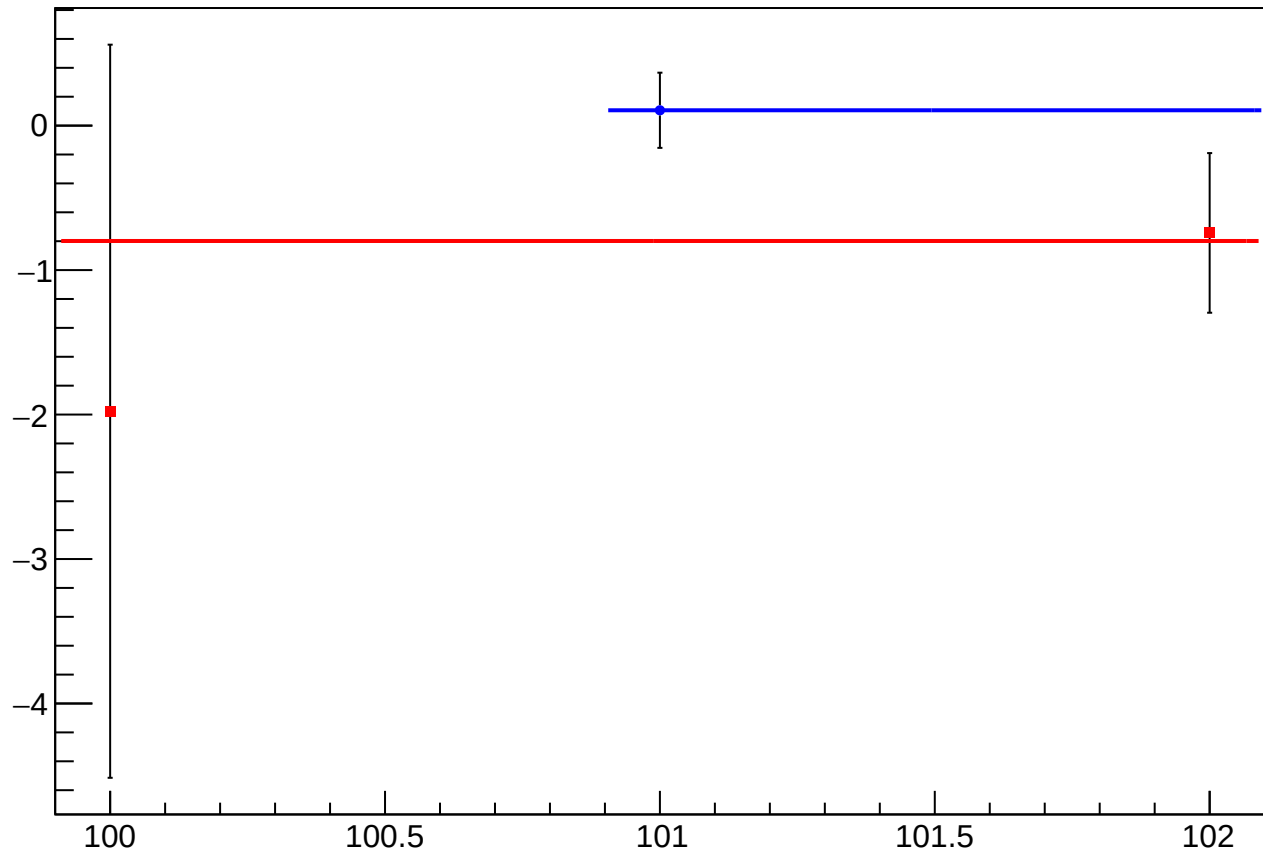
Right: 228.293 $\pm$ 0.166 χ^2 /NDF: 144841.5/2

In: 201.597 $\pm$ 0.184 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 228.293 $\pm$ 0.166 χ^2 /NDF: 144841.5/2

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.106 $\pm$ 0.260 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.799 $\pm$ 0.540 χ^2 /NDF: 0.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

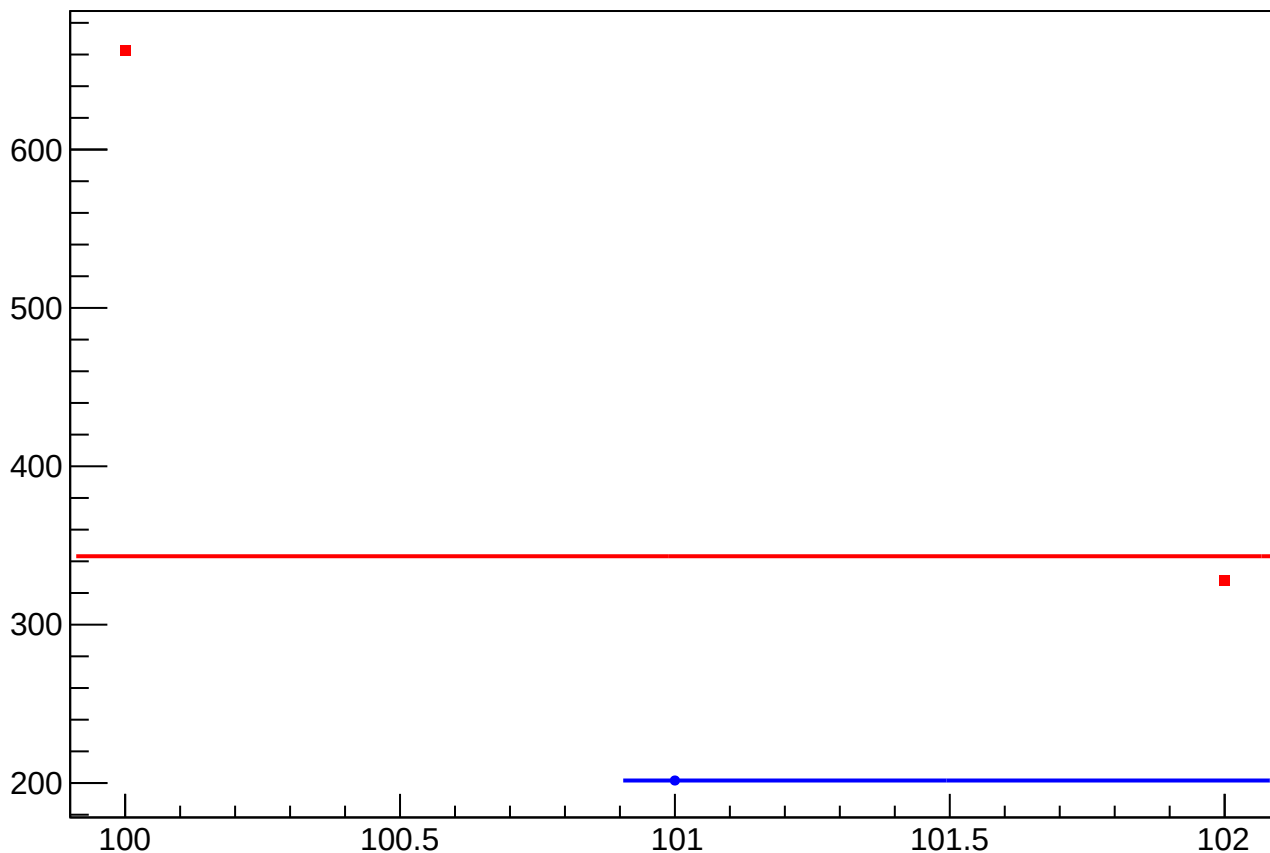
Right: -0.064 $\pm$ 0.234 χ^2 /NDF: 2.5/2

In: 0.106 $\pm$ 0.260 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.064 $\pm$ 0.234 χ^2 /NDF: 2.5/2

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 201.597 $\pm$ 0.184 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 343.204 $\pm$ 0.382 χ^2 /NDF: 33181.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

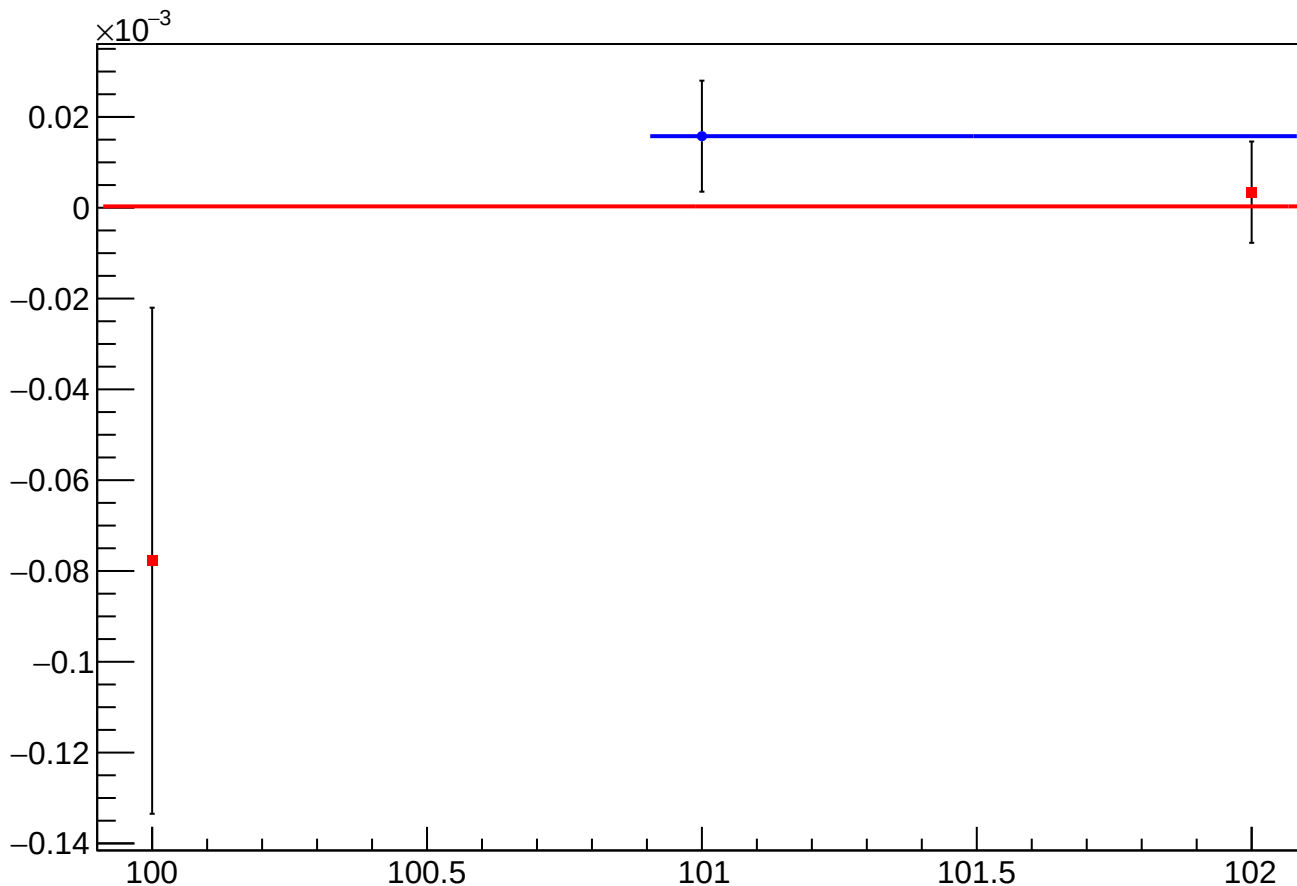
Right: 228.293 $\pm$ 0.166 χ^2 /NDF: 144841.5/2

In: 201.597 $\pm$ 0.184 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 228.293 $\pm$ 0.166 χ^2 /NDF: 144841.5/2

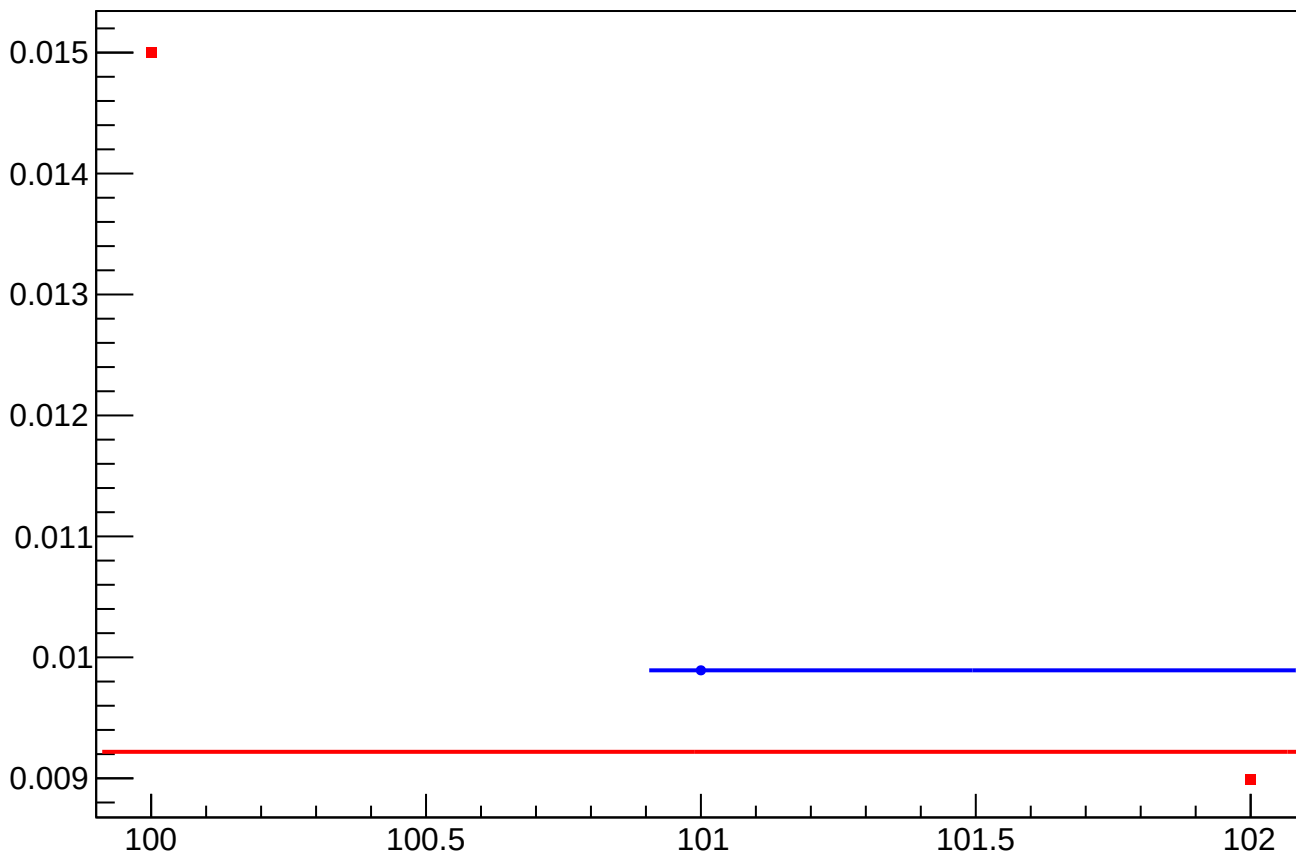
asym_at1_avg_at2_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 2.0/1
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 2.9/2
 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 : 2.9/2

asym_at1_avg_at2_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 22390.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

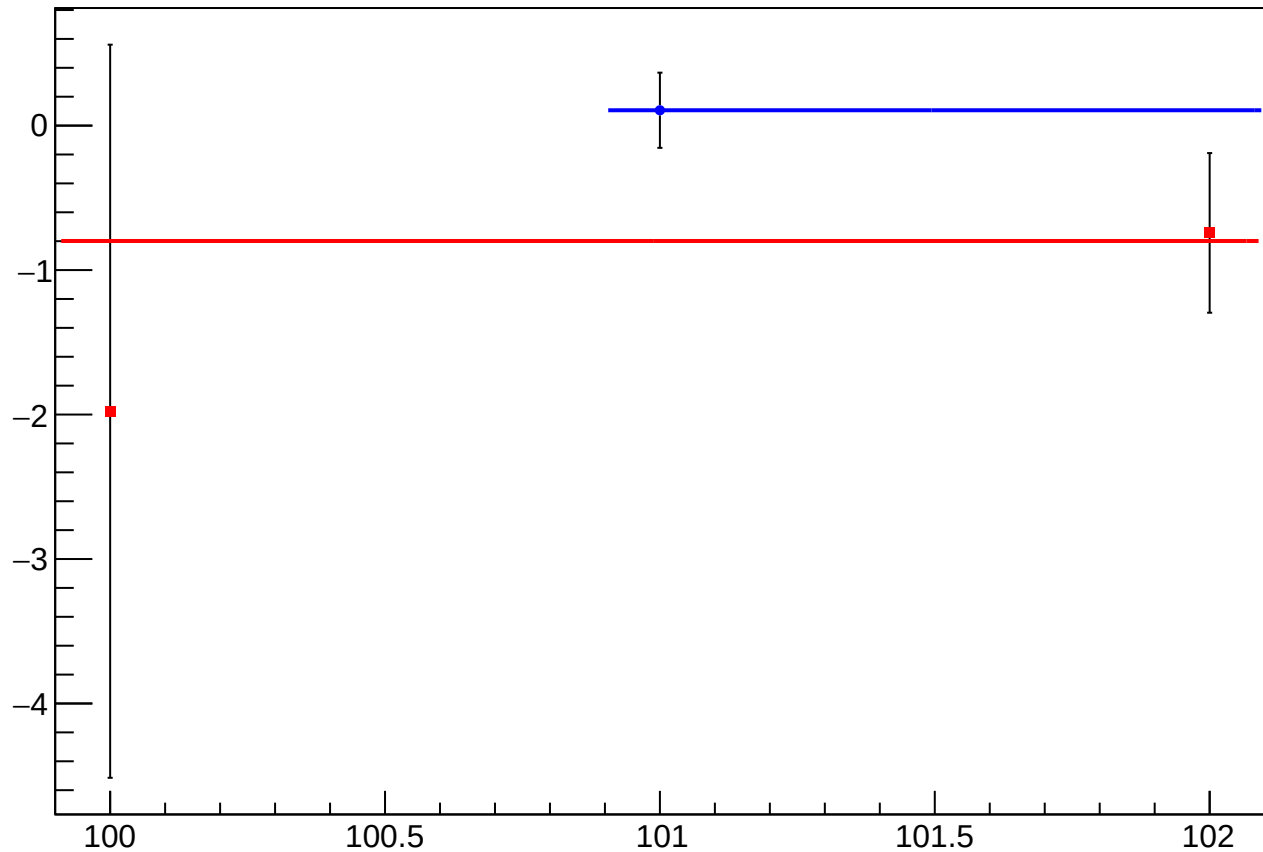
Right: 0.010 $\pm$ 0.000 χ^2 /NDF: 25763.0/2

In: 0.010 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.010 $\pm$ 0.000 χ^2 /NDF: 25763.0/2

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.106+/-0.260 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.799+/-0.540 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

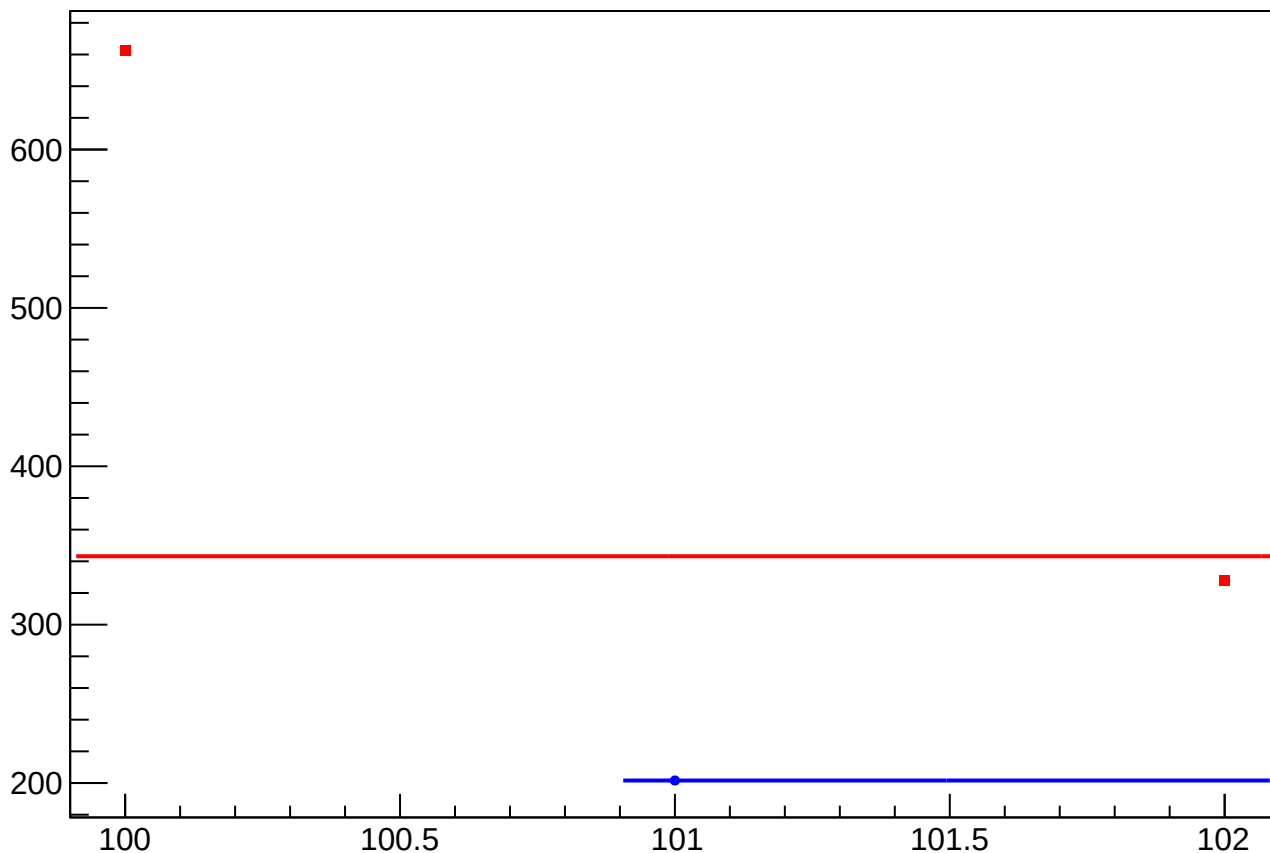
Right: -0.064+/-0.234 χ^2/NDF : 2.5/2

In: 0.106+/-0.260 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.064+/-0.234 χ^2/NDF : 2.5/2

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 201.593 $\pm$ 0.184 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 343.202 $\pm$ 0.382 χ^2 /NDF: 33181.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

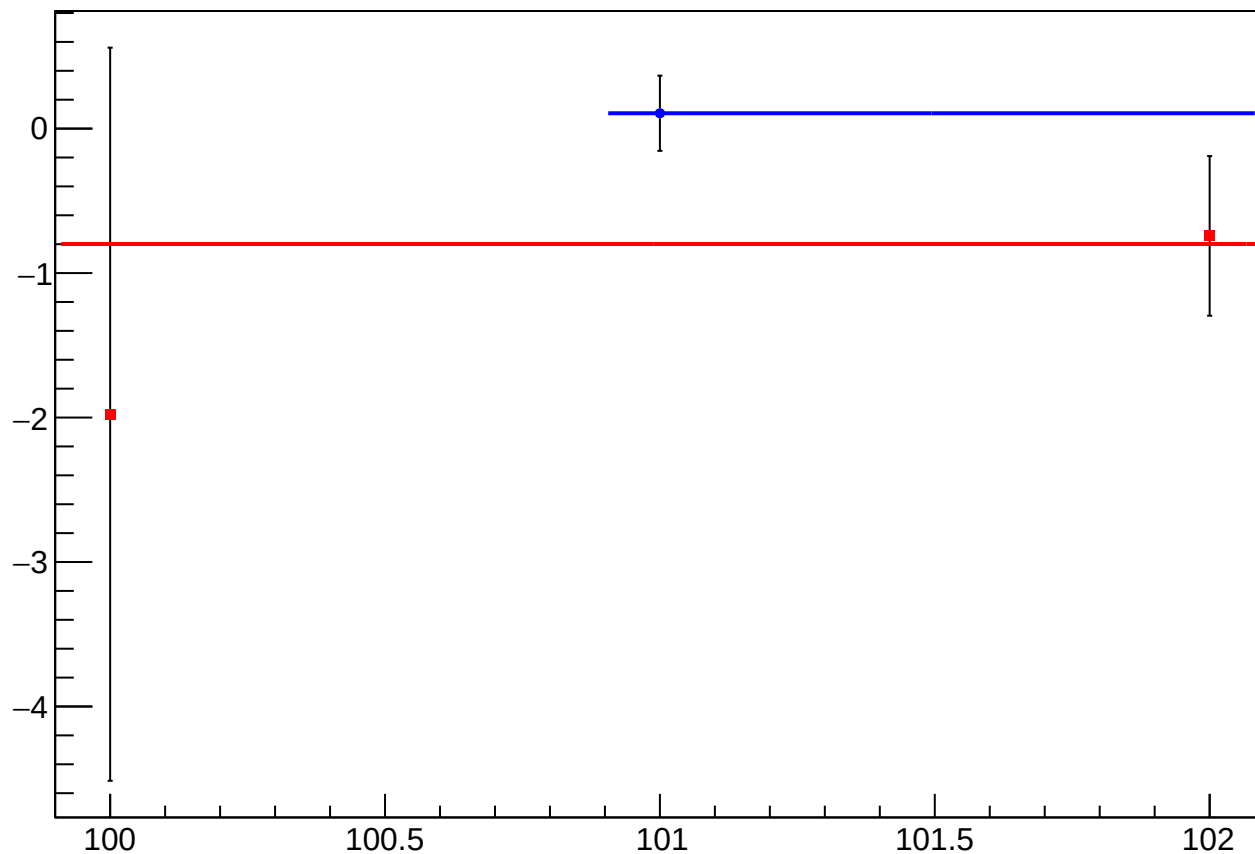
Right: 228.290 $\pm$ 0.166 χ^2 /NDF: 144845.7/2

In: 201.593 $\pm$ 0.184 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 228.290 $\pm$ 0.166 χ^2 /NDF: 144845.7/2

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.106 $\pm$ 0.260 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.799 $\pm$ 0.540 χ^2/NDF : 0.2/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

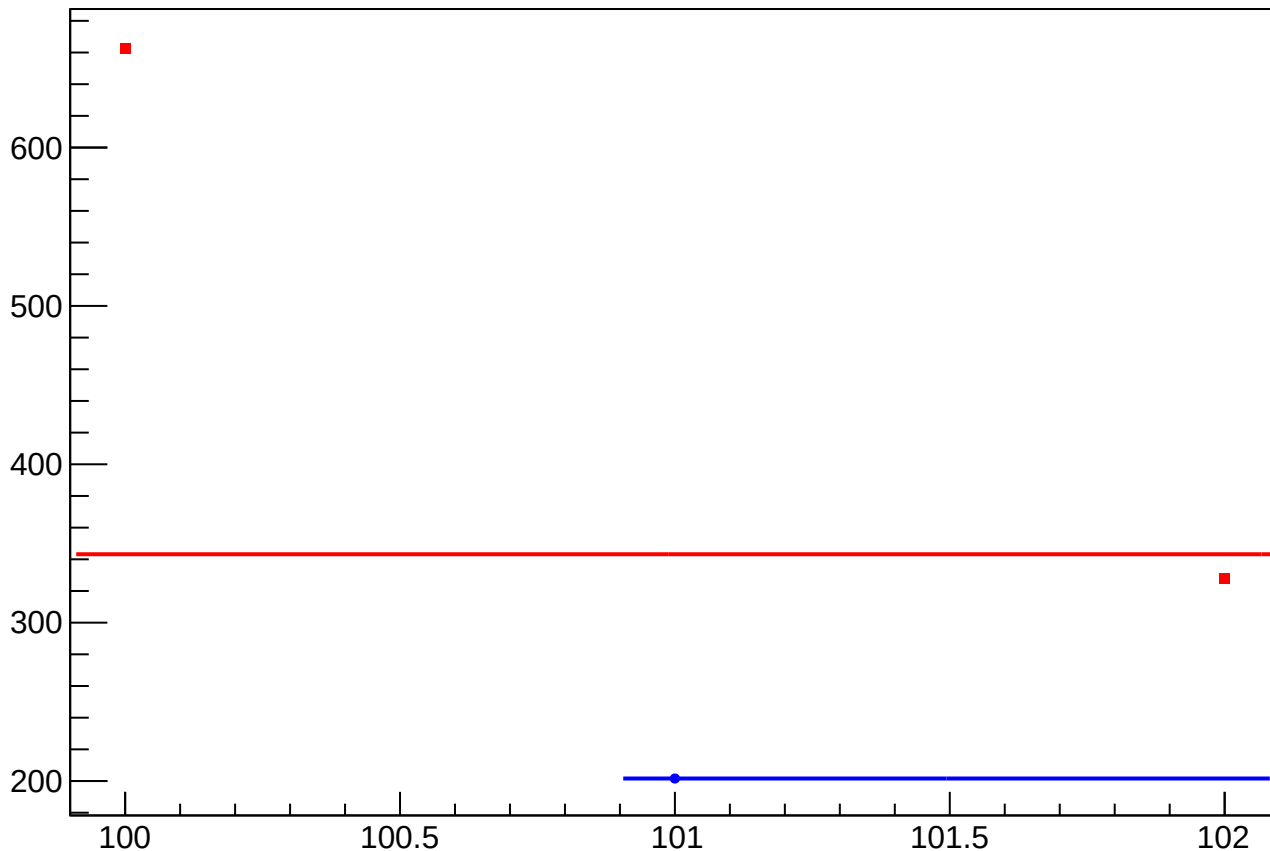
Right: -0.064 $\pm$ 0.234 χ^2/NDF : 2.5/2

In: 0.106 $\pm$ 0.260 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.064 $\pm$ 0.234 χ^2/NDF : 2.5/2

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 201.593 $\pm$ 0.184 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 343.202 $\pm$ 0.382 χ^2 /NDF: 33181.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

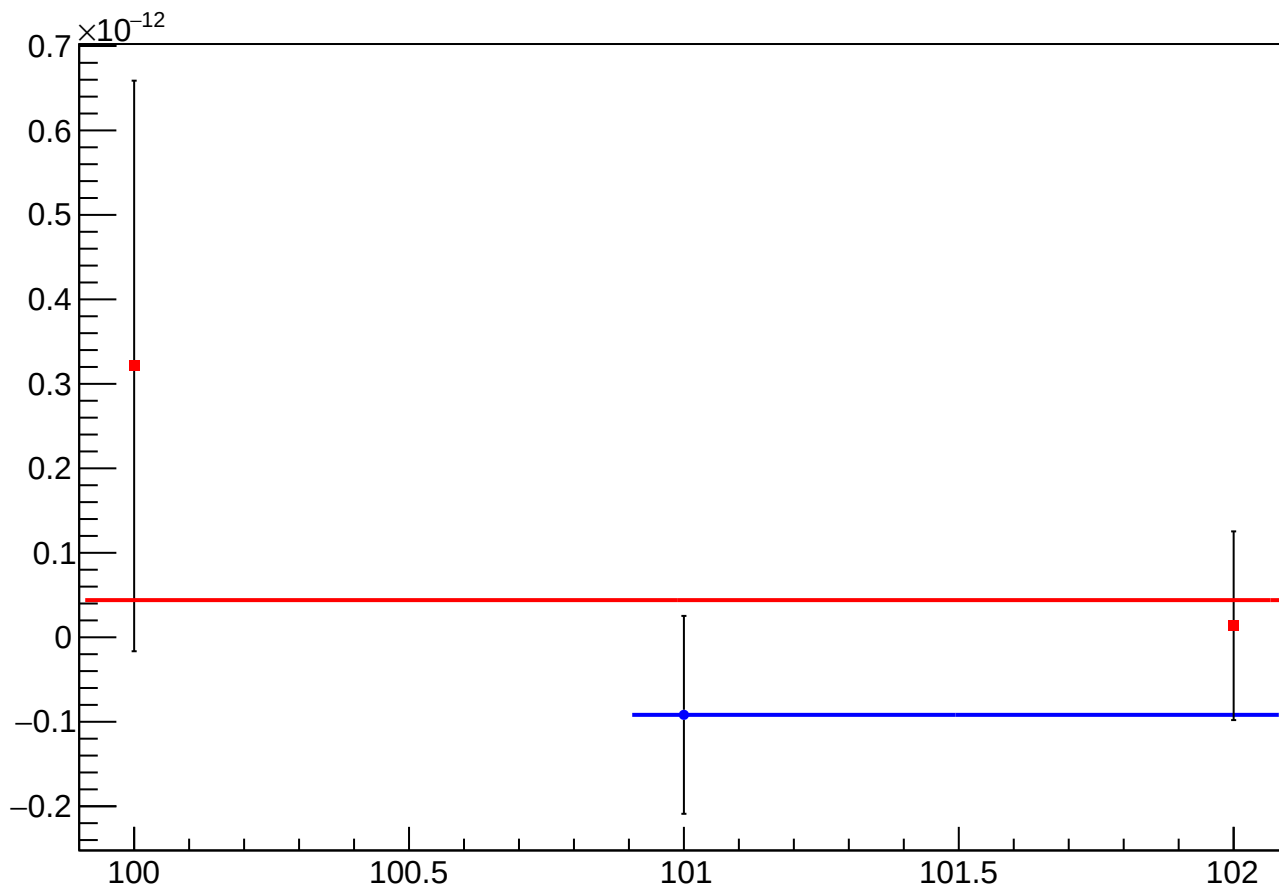
Right: 228.290 $\pm$ 0.166 χ^2 /NDF: 144845.7/2

In: 201.593 $\pm$ 0.184 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 228.290 $\pm$ 0.166 χ^2 /NDF: 144845.7/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

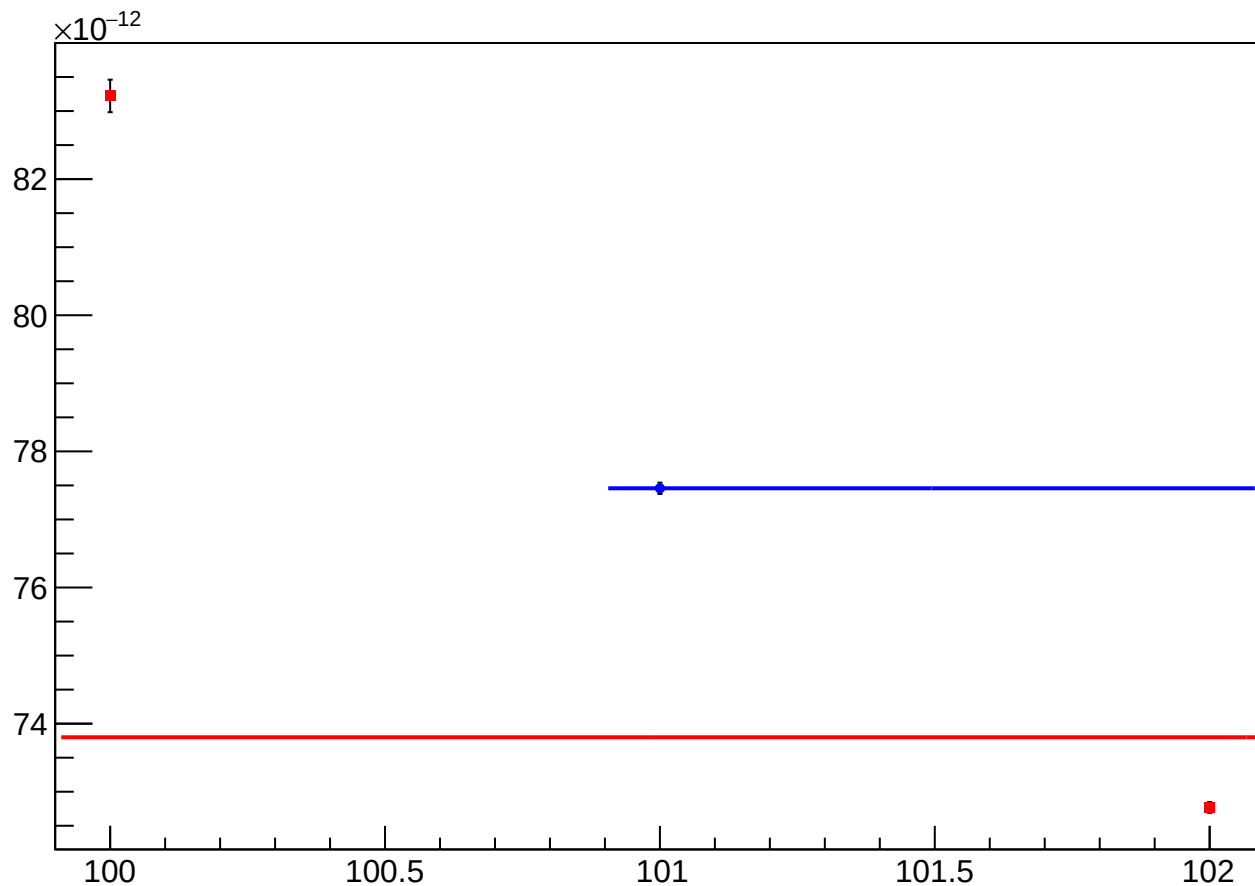
Right: -0.000+/-0.000 χ^2/NDF : 1.5/2

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 : 1.5/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1727.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

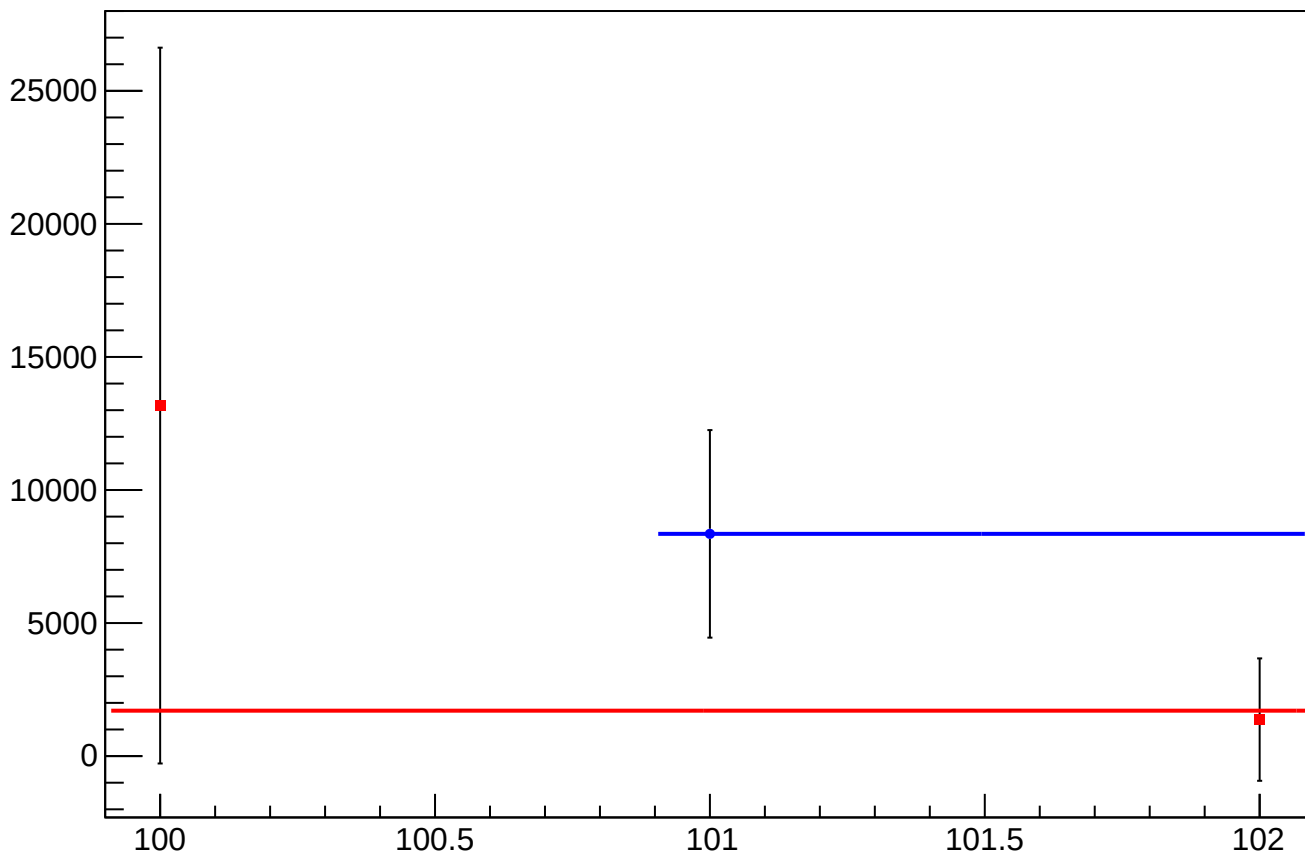
Right: 0.000+/-0.000 χ^2/NDF : 2799.6/2

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 : 2799.6/2

reg_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: 8351.777+/-3900.093 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1706.973+/-2267.047 χ^2/NDF : 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

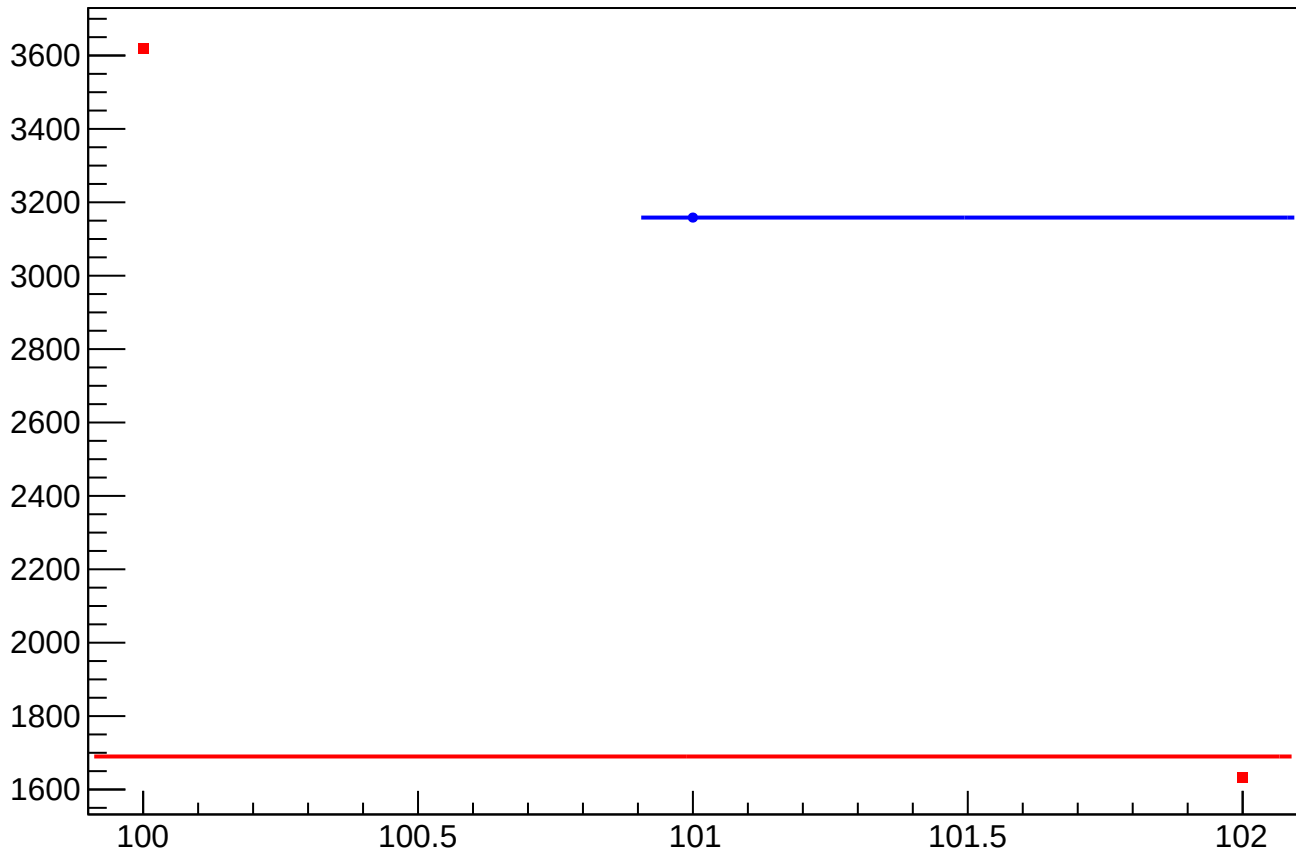
Right: 3385.135+/-1959.976 χ^2/NDF : 2.9/2

In: 8351.777+/-3900.093 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3385.135+/-1959.976 χ^2/NDF : 2.9/2

reg_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 3158.404 $\pm$ 2.758 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1689.932 $\pm$ 1.603 χ^2 /NDF: 42387.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

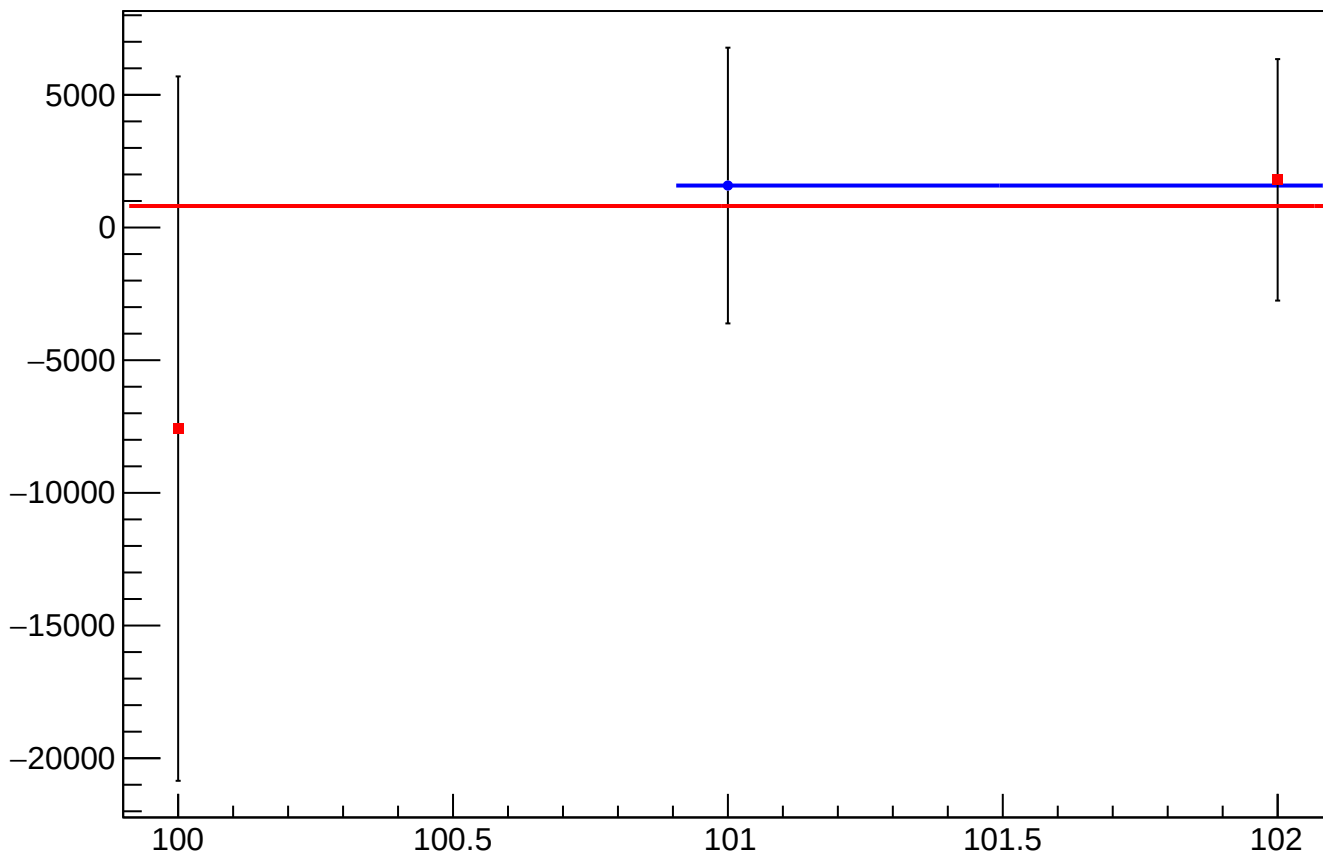
Right: 2060.791 $\pm$ 1.386 χ^2 /NDF: 254318.4/2

In: 3158.404 $\pm$ 2.758 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2060.791 $\pm$ 1.386 χ^2 /NDF: 254318.4/2

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 1582.202+/-5196.012 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 810.960+/-4304.380 χ^2/NDF : 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

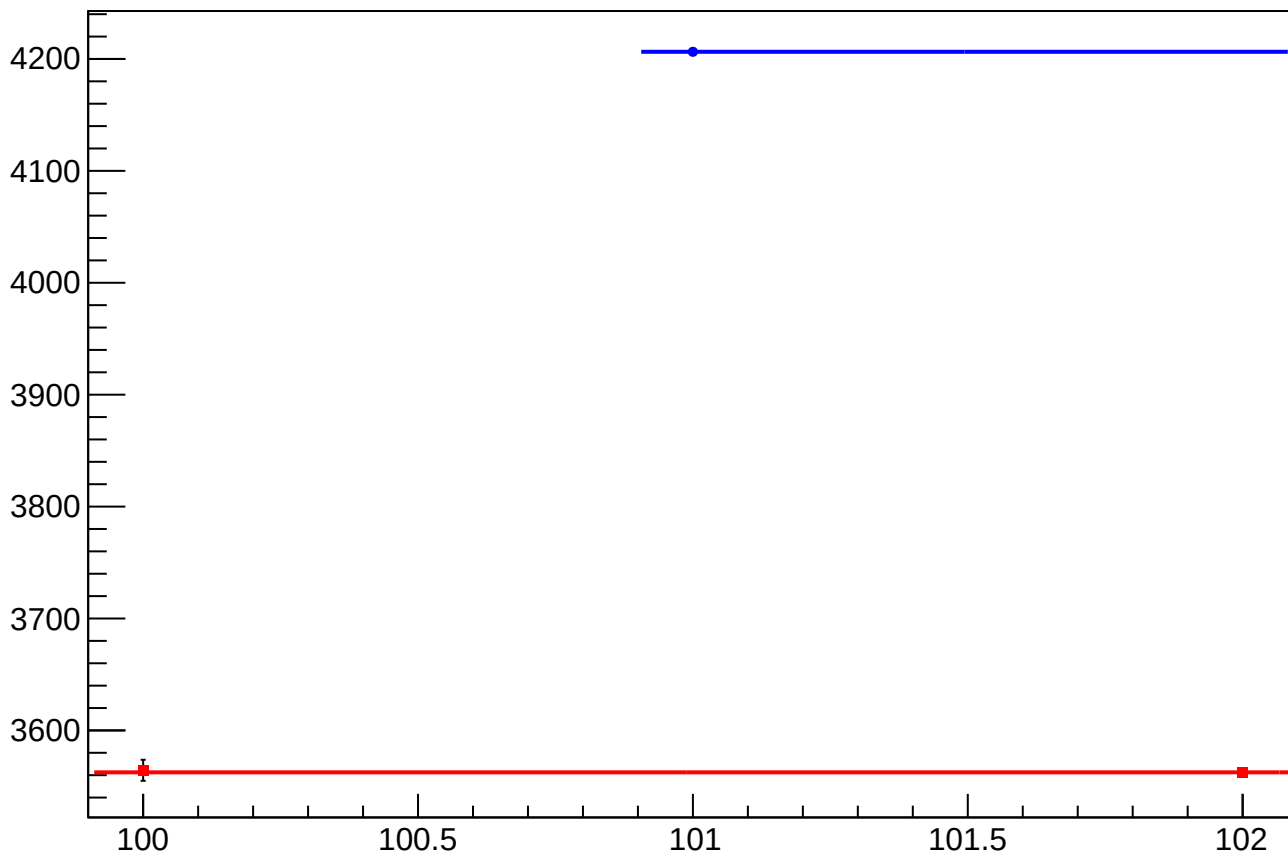
Right: 1124.830+/-3314.744 χ^2/NDF : 0.5/2

In: 1582.202+/-5196.012 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1124.830+/-3314.744 χ^2/NDF : 0.5/2

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 4206.409+/-3.674 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3562.542+/-3.044 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

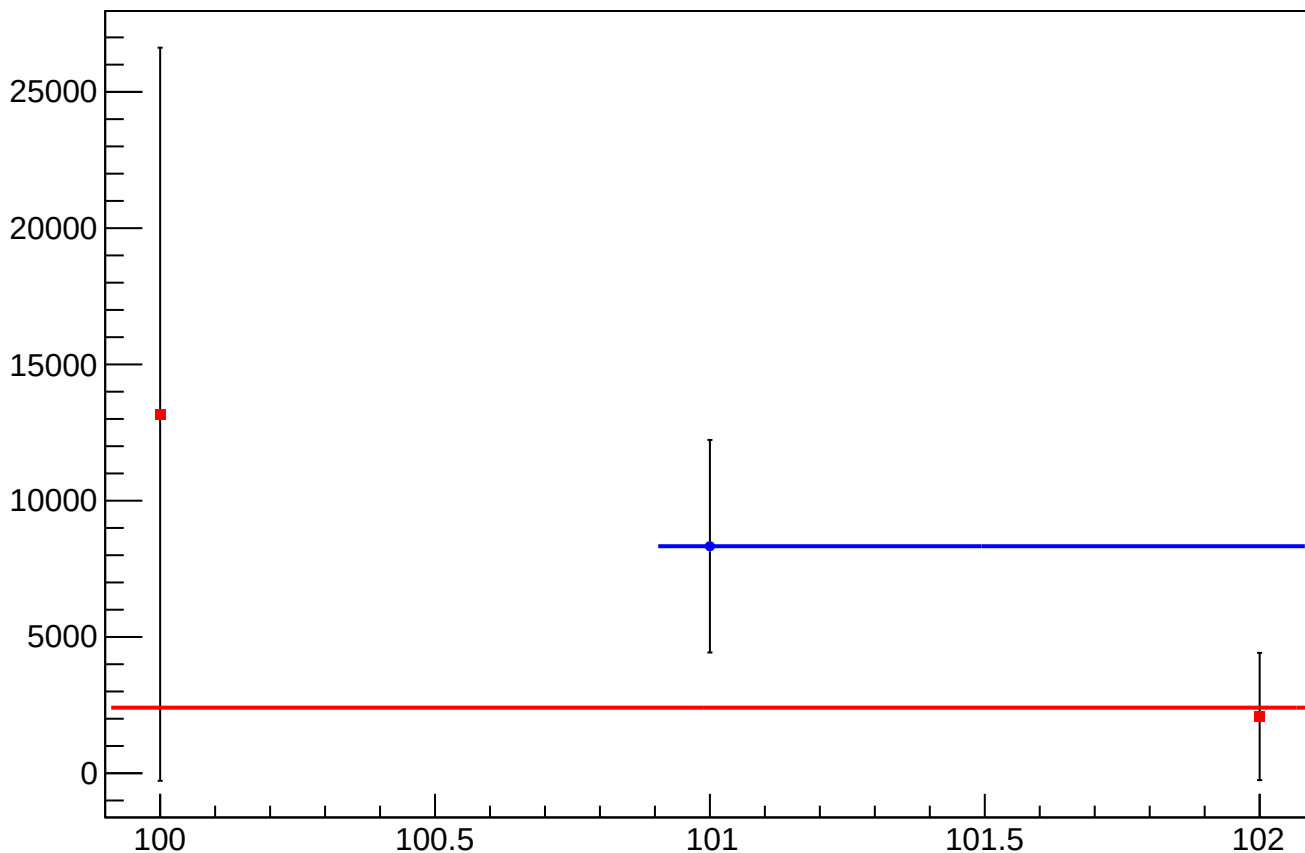
Right: 3824.575+/-2.344 χ^2/NDF : 18212.1/2

In: 4206.409+/-3.674 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3824.575+/-2.344 χ^2/NDF : 18212.1/2

cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: 8329.753+/-3900.112 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2406.013+/-2300.230 χ^2/NDF : 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

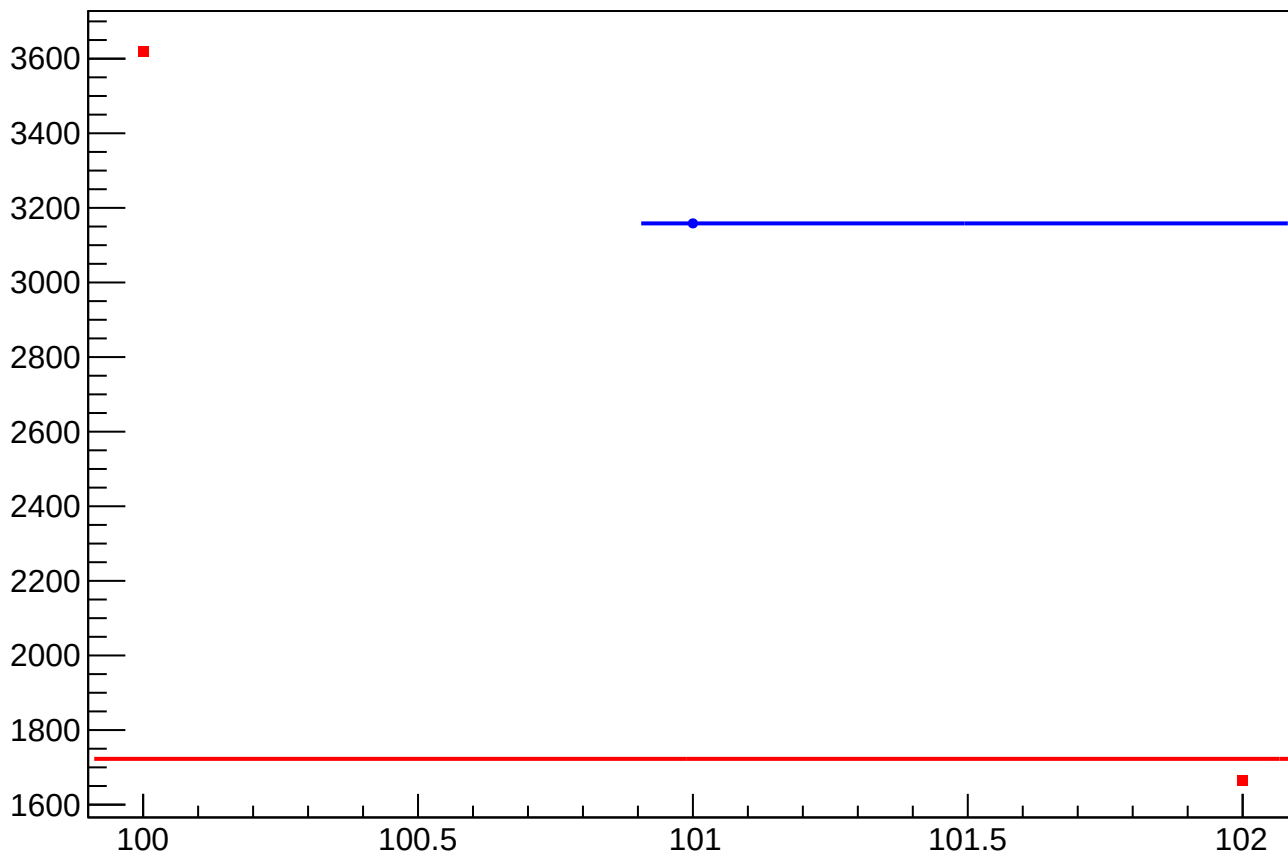
Right: 3934.788+/-1981.303 χ^2/NDF : 2.4/2

In: 8329.753+/-3900.112 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3934.788+/-1981.303 χ^2/NDF : 2.4/2

cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 3158.415 $\pm$ 2.758 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1722.775 $\pm$ 1.626 χ^2 /NDF: 40992.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

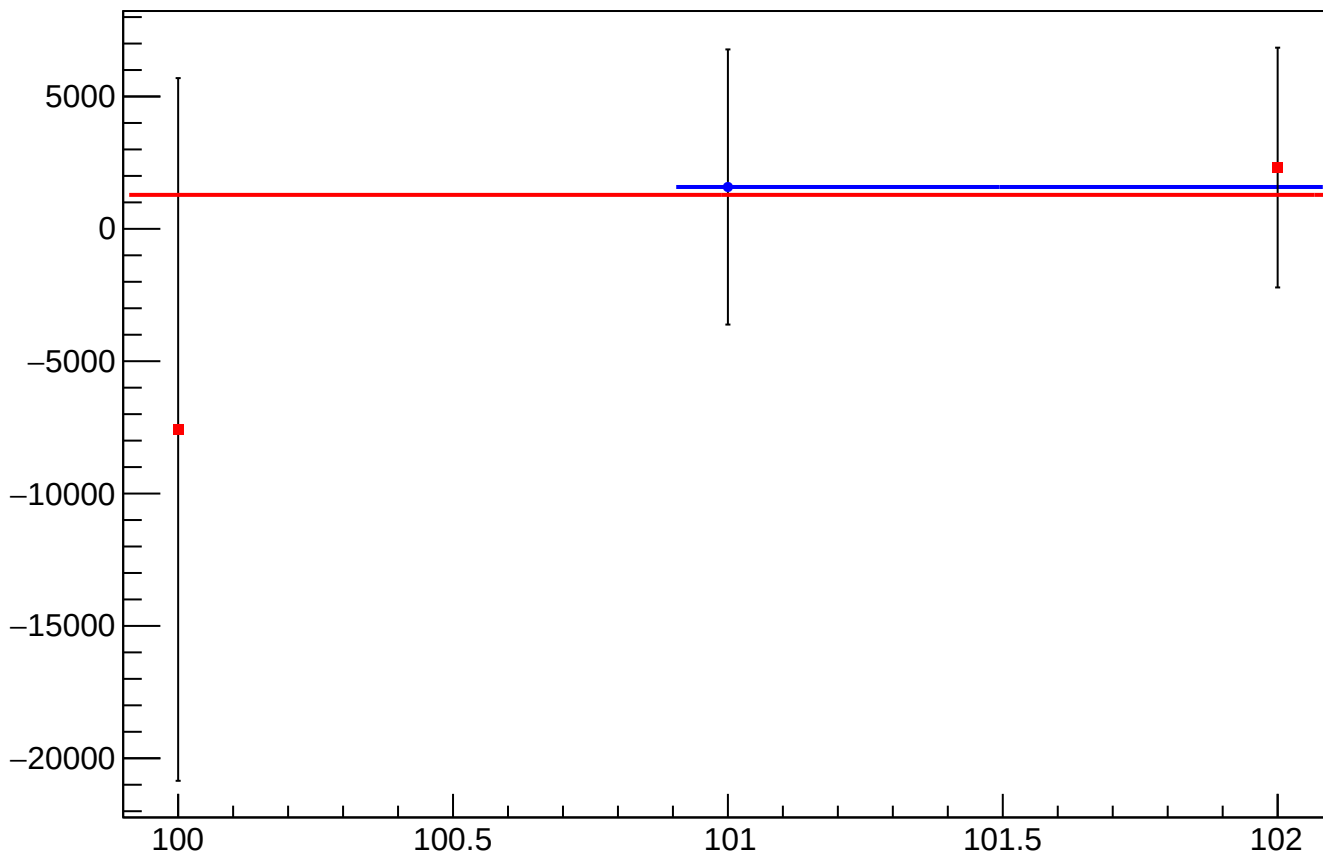
Right: 2093.272 $\pm$ 1.401 χ^2 /NDF: 242054.2/2

In: 3158.415 $\pm$ 2.758 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2093.272 $\pm$ 1.401 χ^2 /NDF: 242054.2/2

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1581.331+/-5197.313 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1283.392+/-4286.501 χ^2 /NDF: 0.5/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

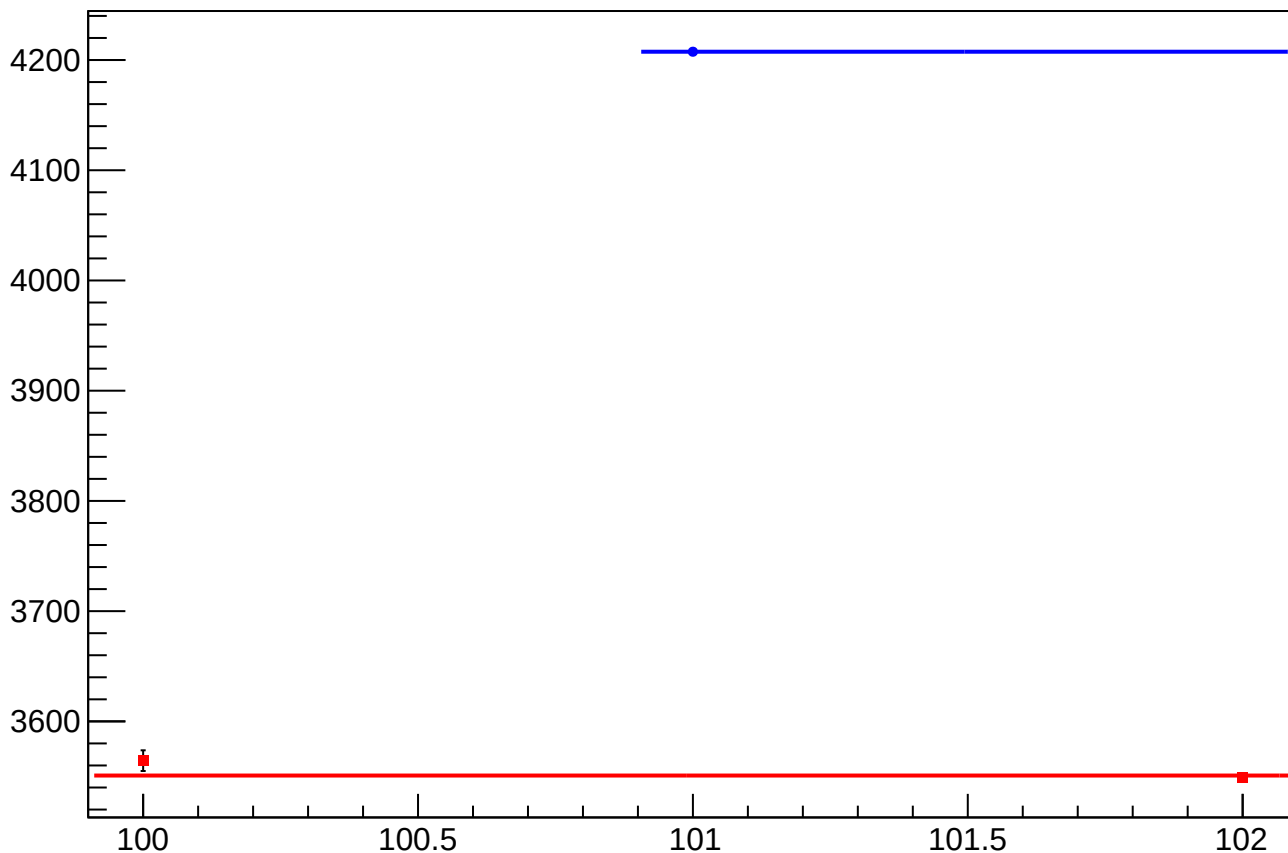
Right: 1404.009+/-3306.893 χ^2 /NDF: 0.5/2

In: 1581.331+/-5197.313 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1404.009+/-3306.893 χ^2 /NDF: 0.5/2

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 4207.526+/-3.675 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3550.867+/-3.031 χ^2/NDF : 2.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

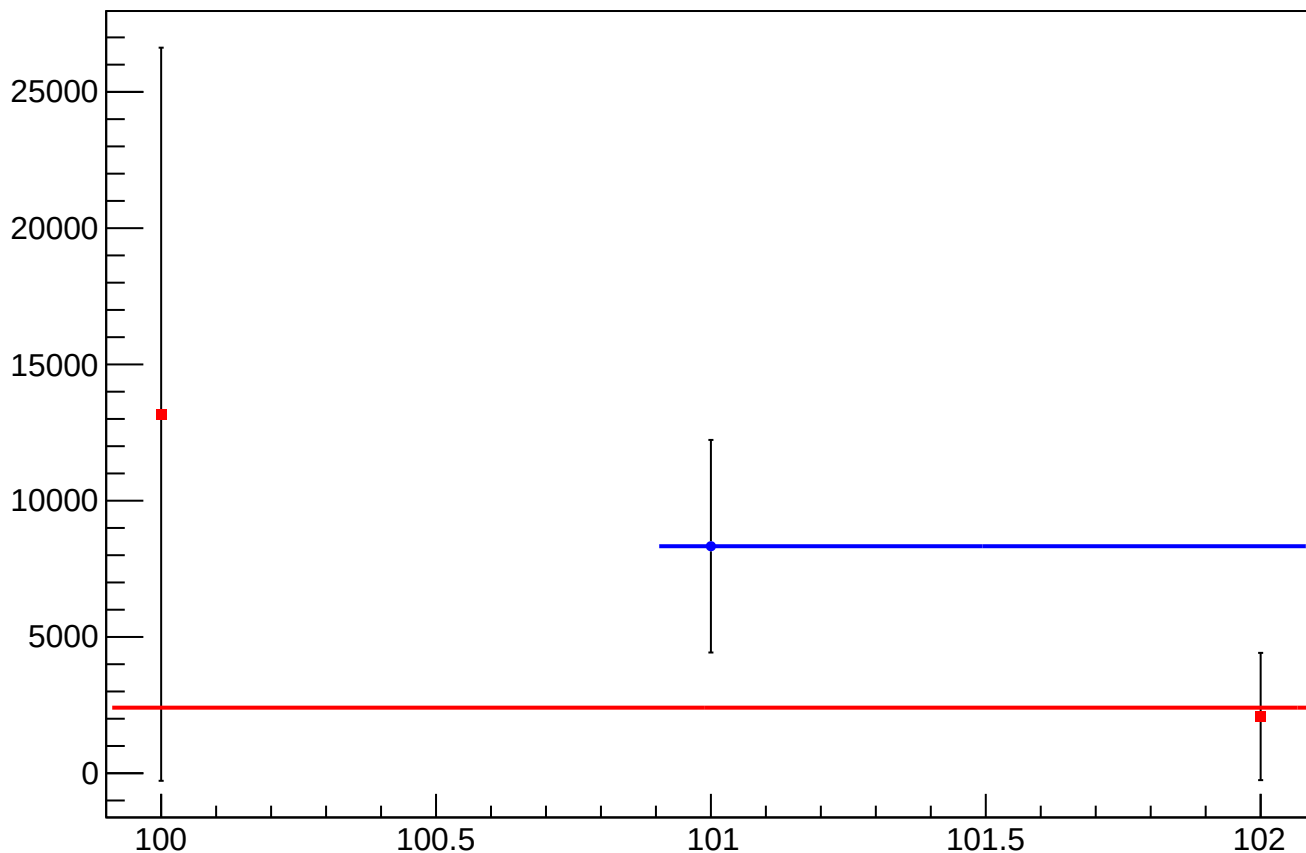
Right: 3816.708+/-2.338 χ^2/NDF : 19003.7/2

In: 4207.526+/-3.675 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3816.708+/-2.338 χ^2/NDF : 19003.7/2

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: 8329.753+/-3900.112 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2406.013+/-2300.230 χ^2/NDF : 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

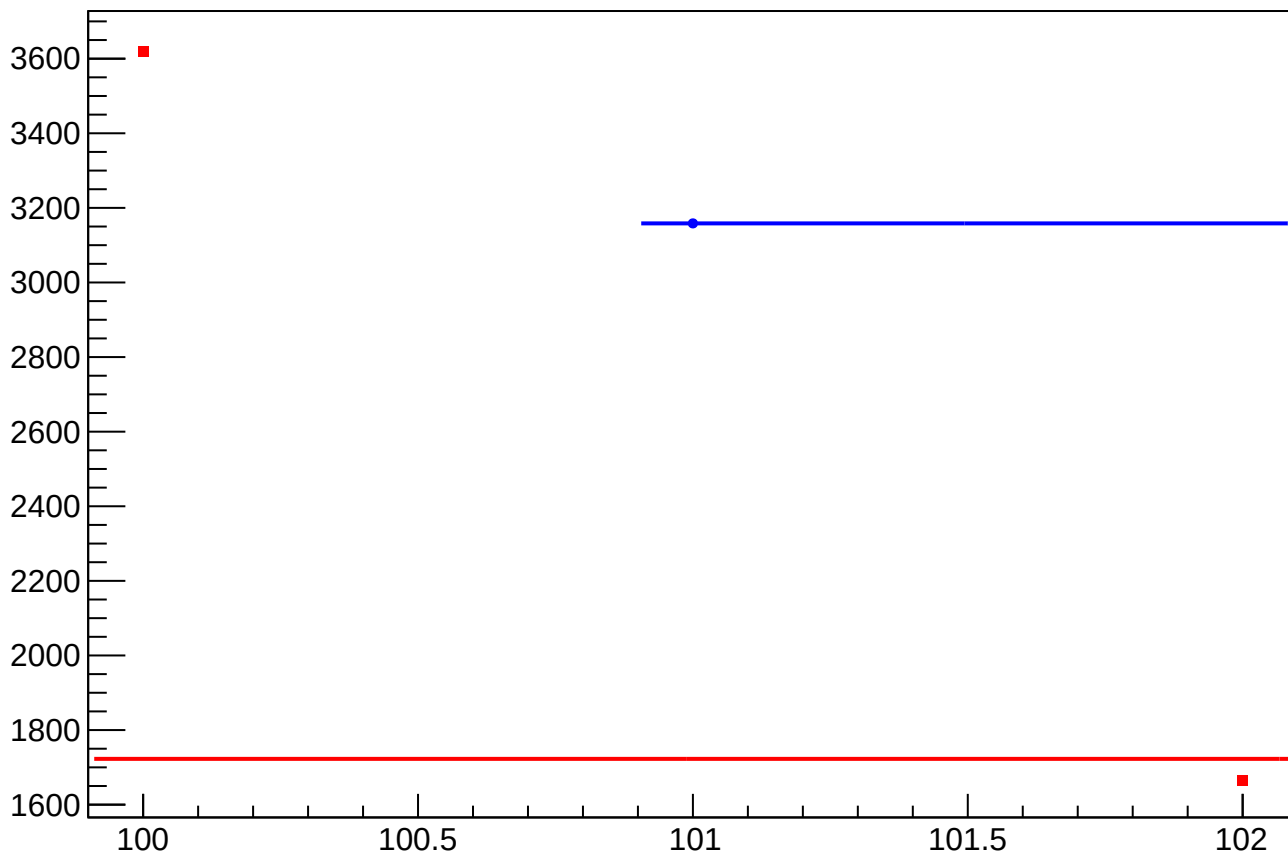
Right: 3934.788+/-1981.303 χ^2/NDF : 2.4/2

In: 8329.753+/-3900.112 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3934.788+/-1981.303 χ^2/NDF : 2.4/2

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 3158.415 $\pm$ 2.758 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1722.775 $\pm$ 1.626 χ^2 /NDF: 40992.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

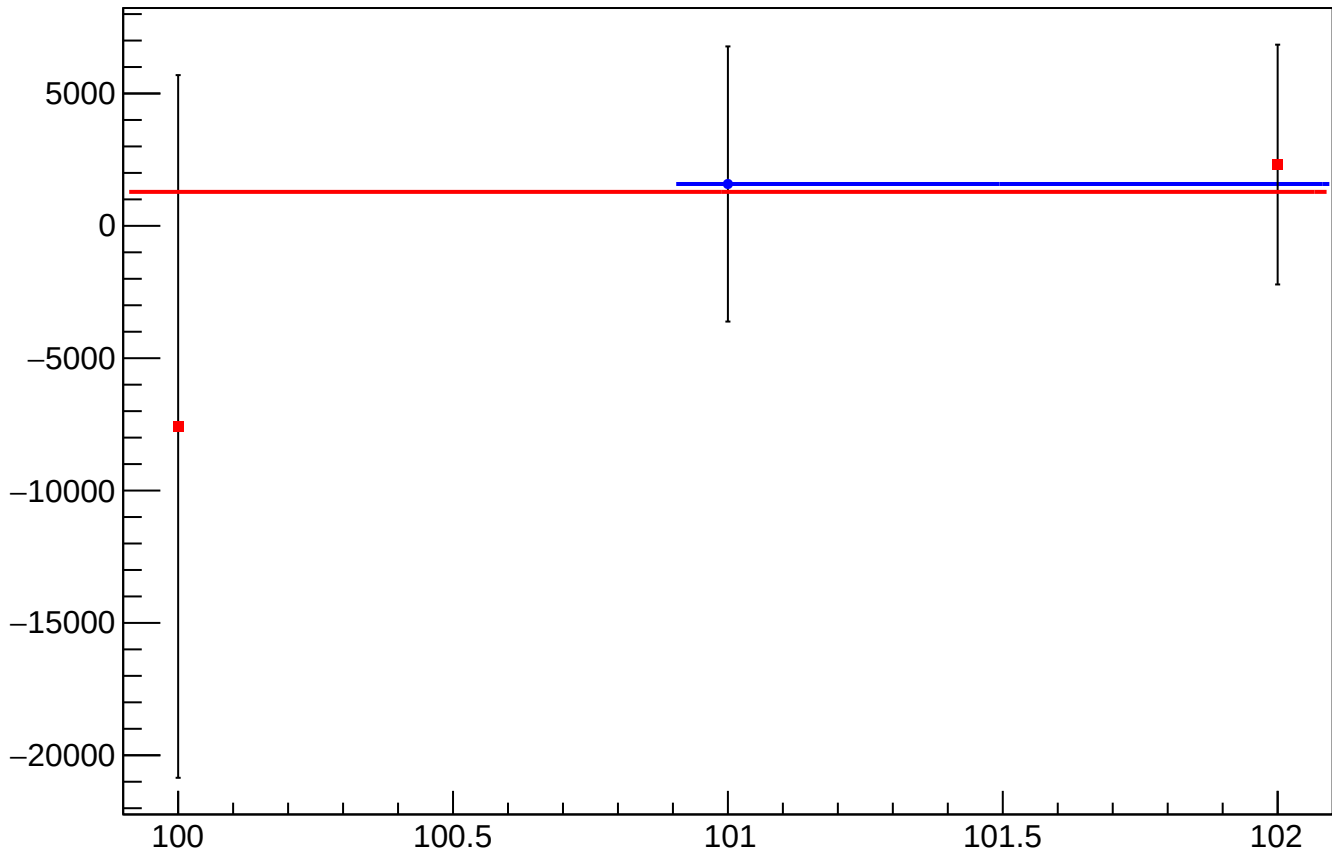
Right: 2093.272 $\pm$ 1.401 χ^2 /NDF: 242054.2/2

In: 3158.415 $\pm$ 2.758 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2093.272 $\pm$ 1.401 χ^2 /NDF: 242054.2/2

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1581.331+/-5197.313 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1283.392+/-4286.501 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

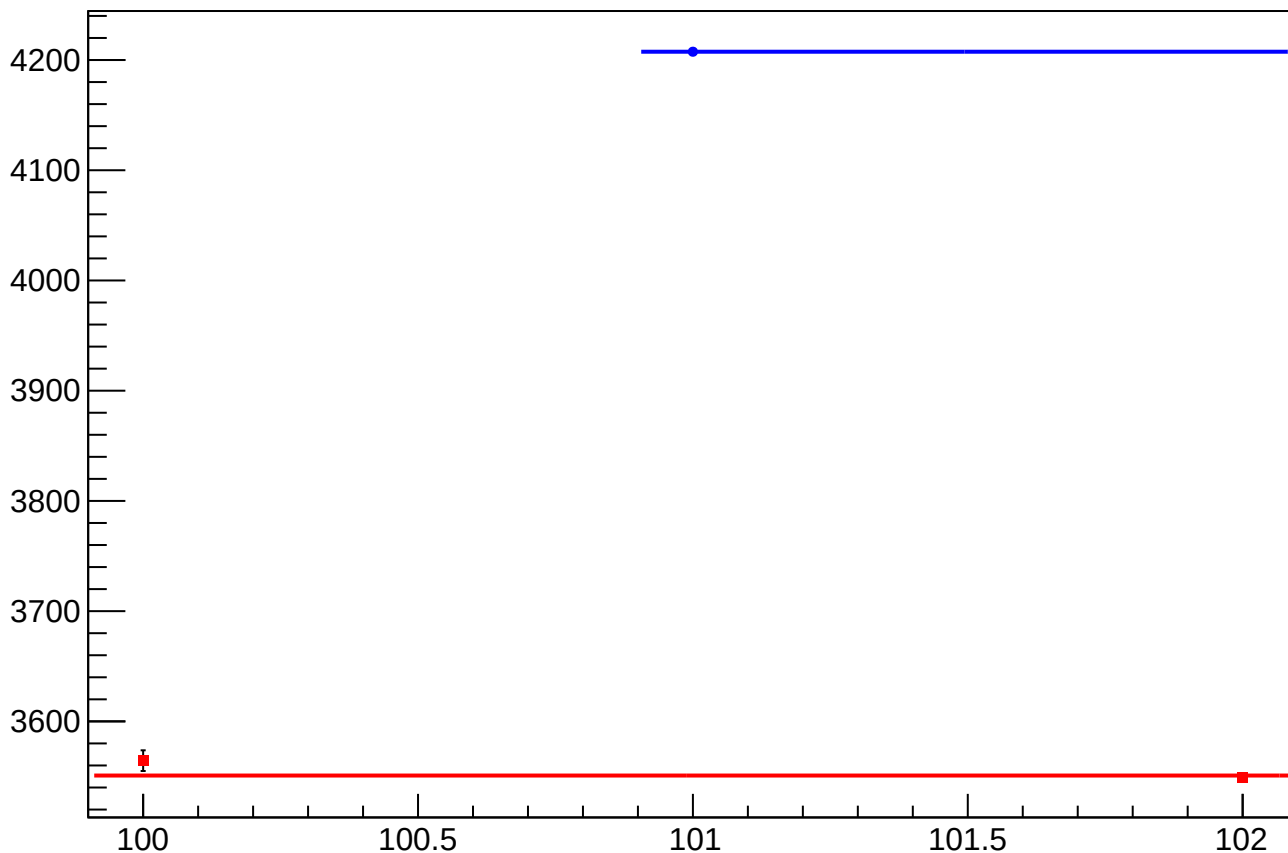
Right: 1404.009+/-3306.893 χ^2/NDF : 0.5/2

In: 1581.331+/-5197.313 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1404.009+/-3306.893 χ^2/NDF : 0.5/2

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4207.526 $\pm$ 3.675 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3550.867 $\pm$ 3.031 χ^2 /NDF: 2.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

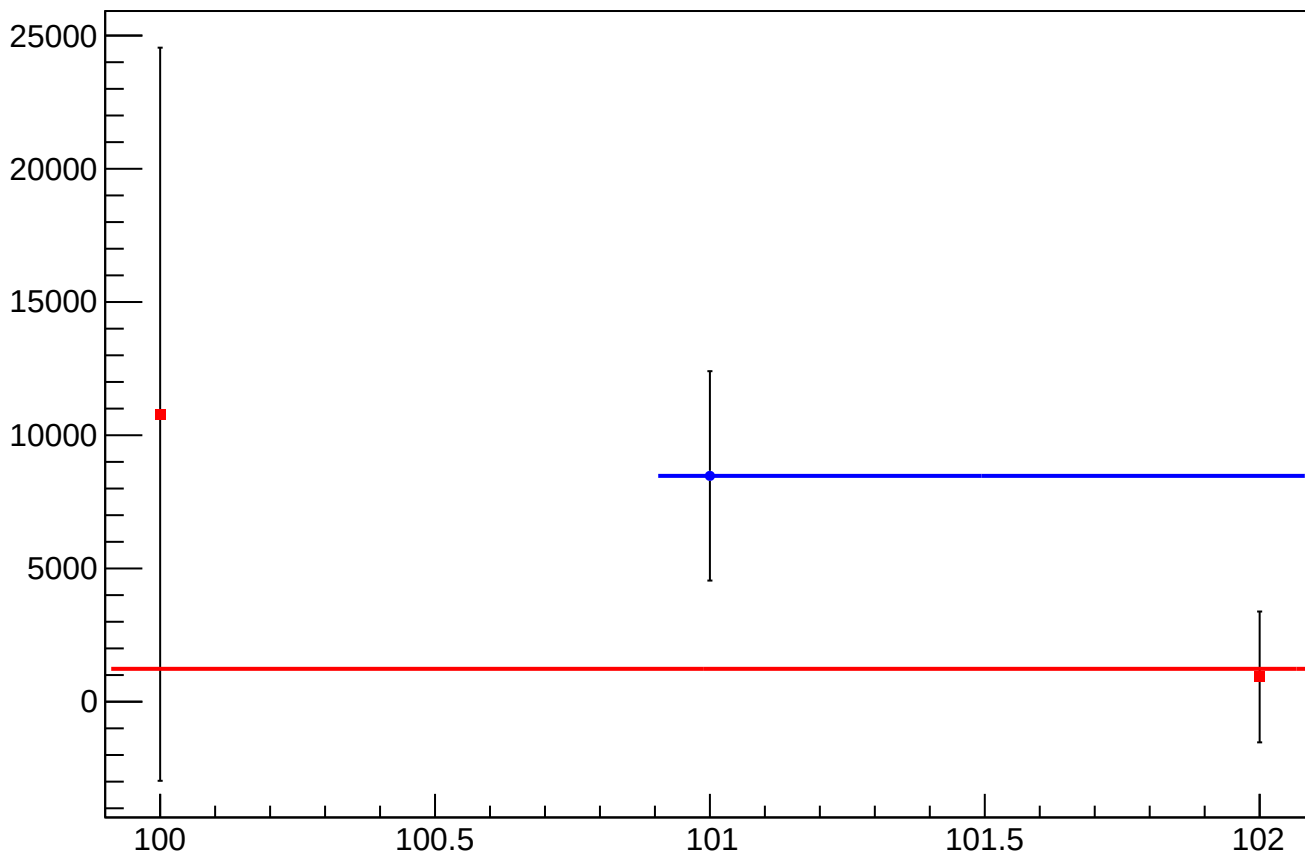
Right: 3816.708 $\pm$ 2.338 χ^2 /NDF: 19003.7/2

In: 4207.526 $\pm$ 3.675 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3816.708 $\pm$ 2.338 χ^2 /NDF: 19003.7/2

dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: 8475.157+/-3929.196 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1233.516+/-2416.996 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

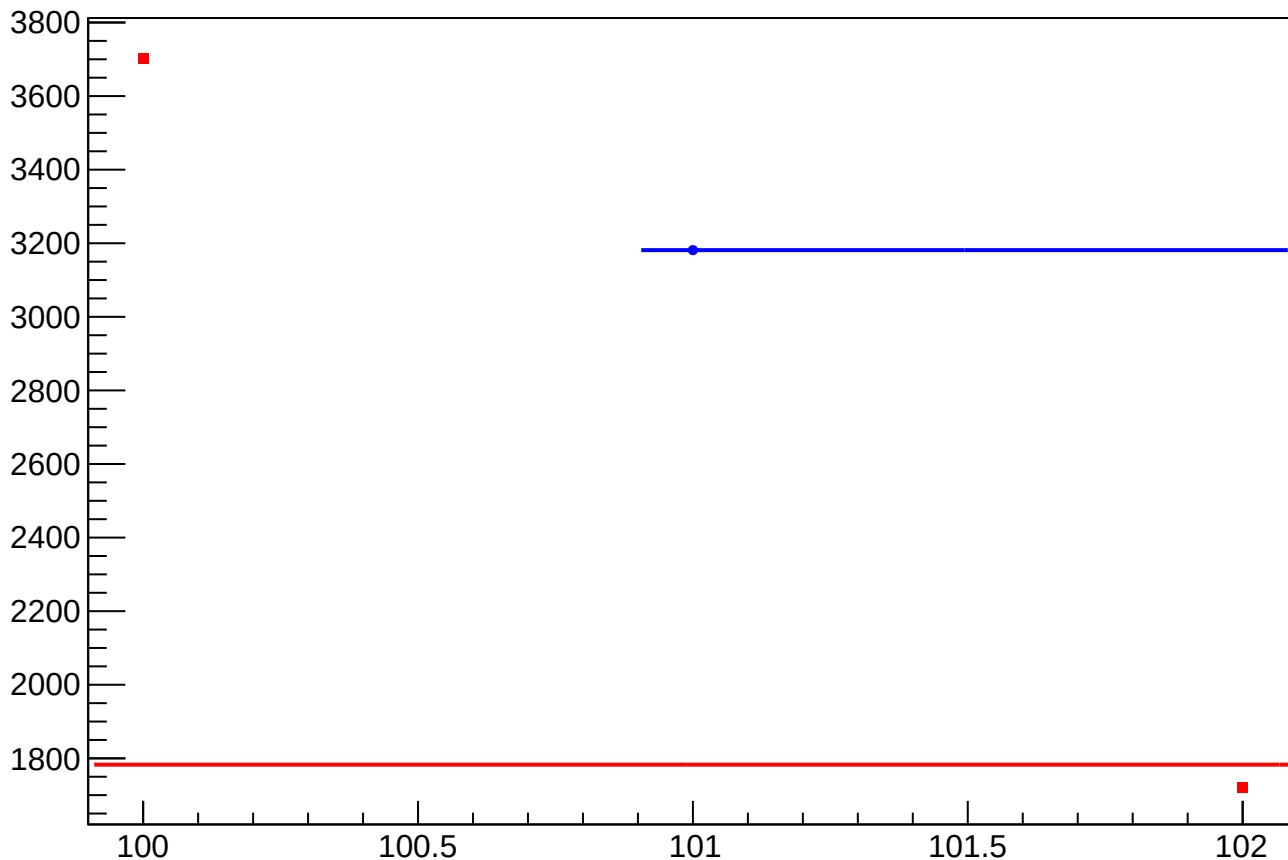
Right: 3221.478+/-2058.682 χ^2/NDF : 3.0/2

In: 8475.157+/-3929.196 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3221.478+/-2058.682 χ^2/NDF : 3.0/2

dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 3181.298 $\pm$ 2.778 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1782.830 $\pm$ 1.709 χ^2 /NDF: 40198.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

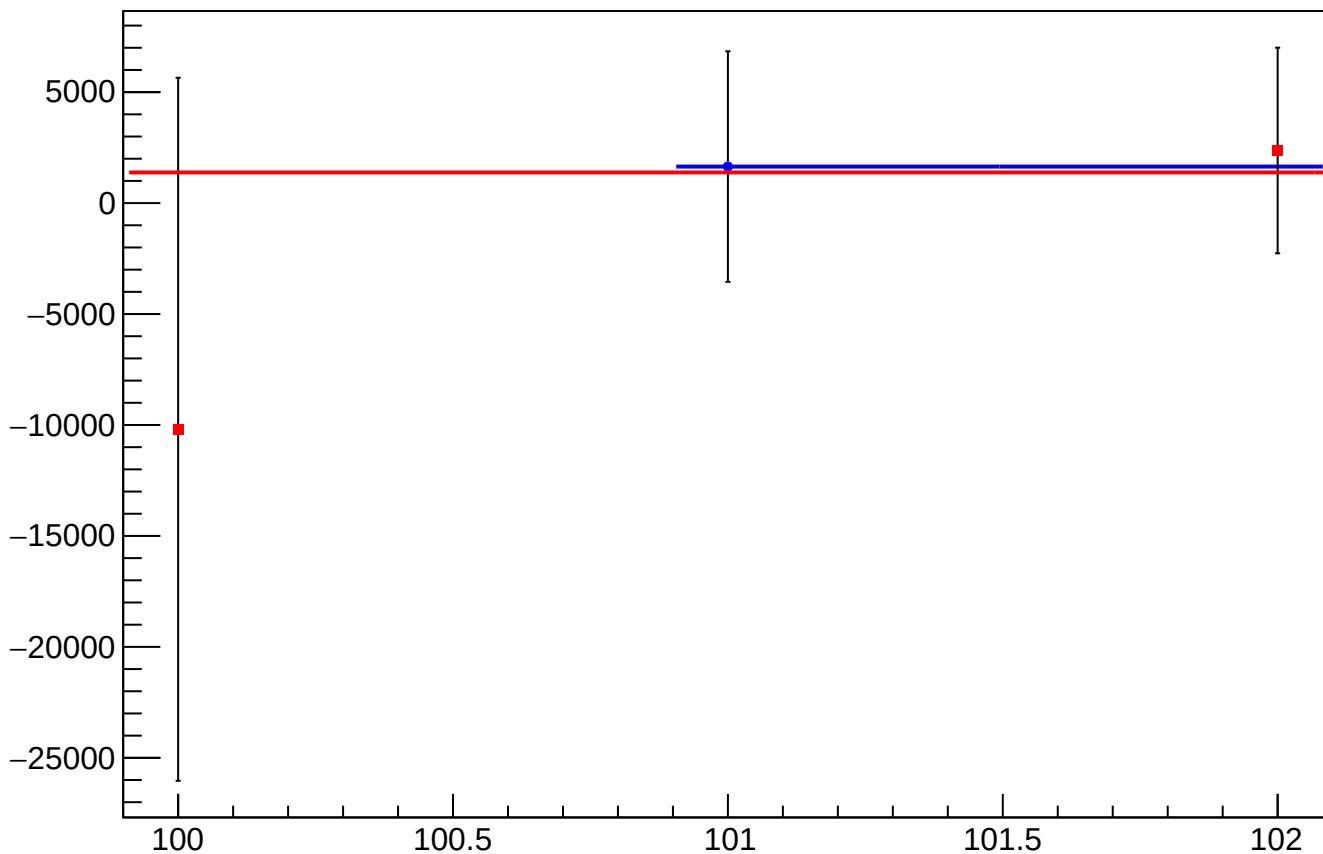
Right: 2166.727 $\pm$ 1.456 χ^2 /NDF: 224003.1/2

In: 3181.298 $\pm$ 2.778 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2166.727 $\pm$ 1.456 χ^2 /NDF: 224003.1/2

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1645.506+/-5196.241 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1380.395+/-4447.407 χ^2/NDF : 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

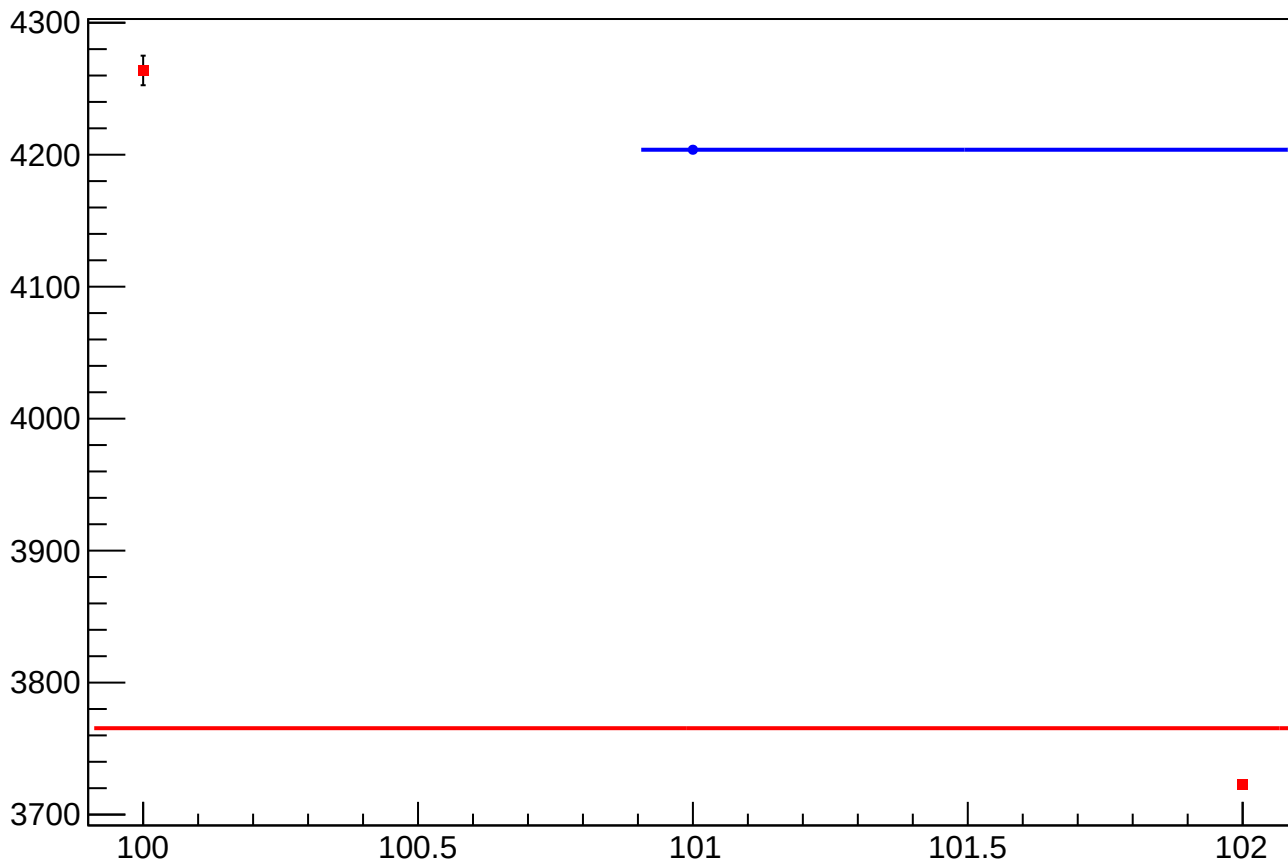
Right: 1492.488+/-3378.815 χ^2/NDF : 0.6/2

In: 1645.506+/-5196.241 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1492.488+/-3378.815 χ^2/NDF : 0.6/2

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 4203.768+/-3.674 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3765.454+/-3.145 χ^2/NDF : 2148.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

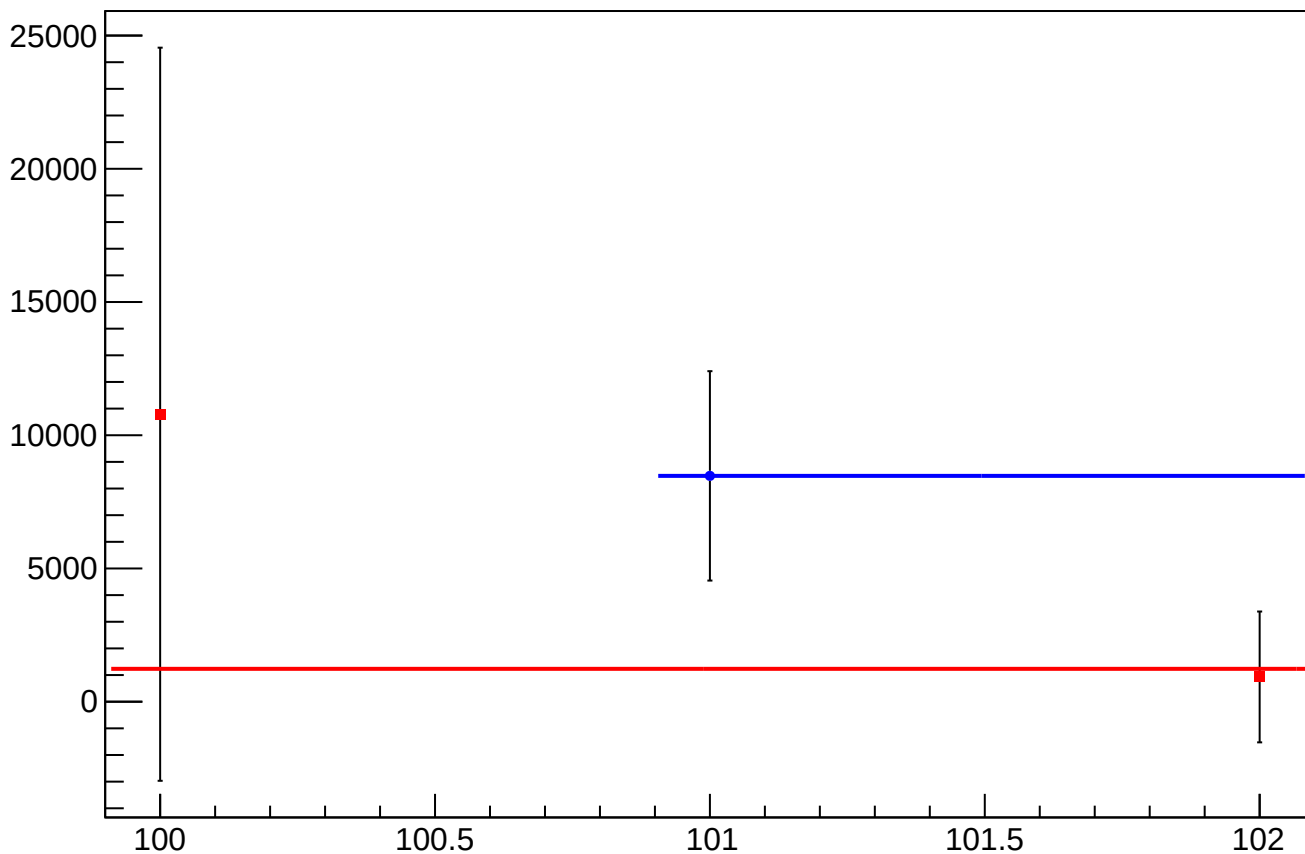
Right: 3950.780+/-2.389 χ^2/NDF : 10362.6/2

In: 4203.768+/-3.674 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3950.780+/-2.389 χ^2/NDF : 10362.6/2

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: 8475.177+/-3929.196 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1233.489+/-2416.996 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

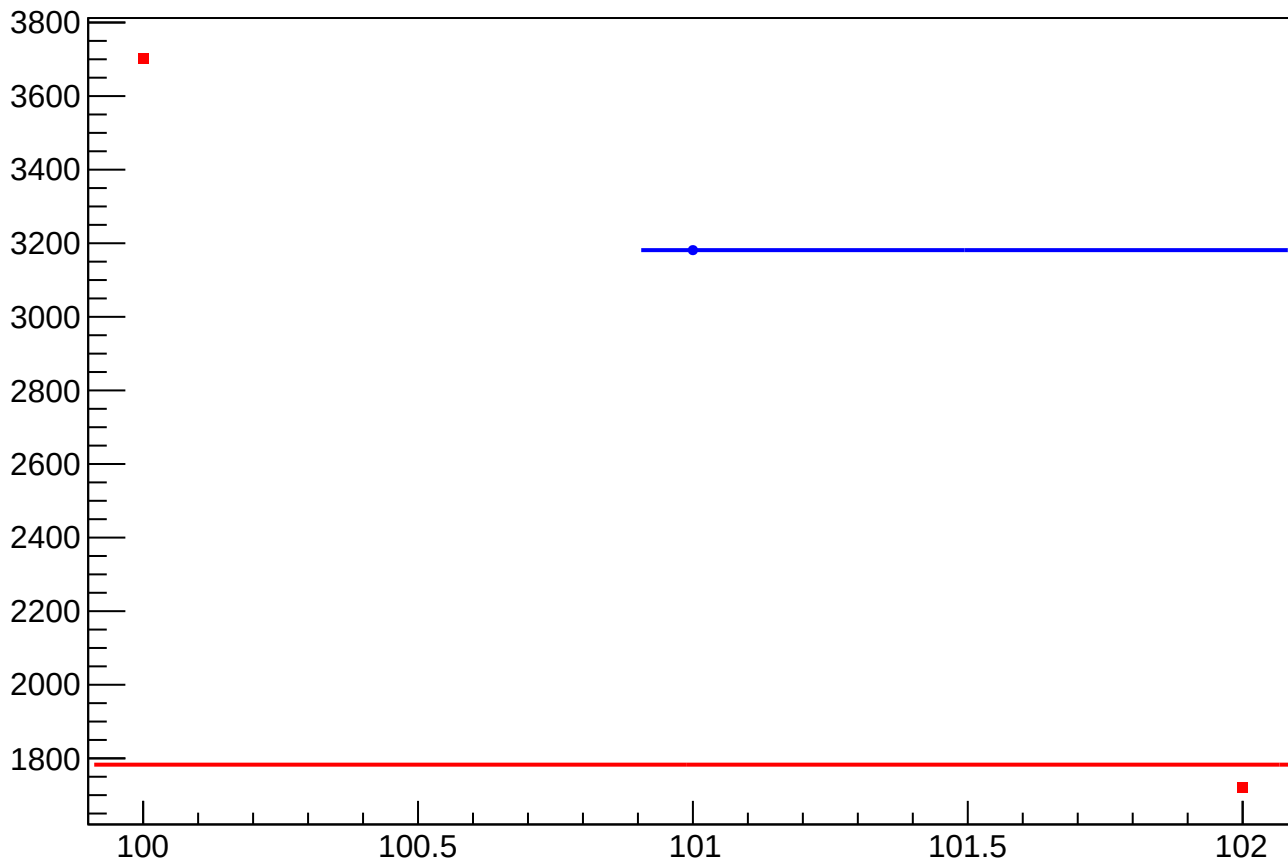
Right: 3221.464+/-2058.682 χ^2/NDF : 3.0/2

In: 8475.177+/-3929.196 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3221.464+/-2058.682 χ^2/NDF : 3.0/2

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 3181.297 $\pm$ 2.778 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1782.830 $\pm$ 1.709 χ^2 /NDF: 40198.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

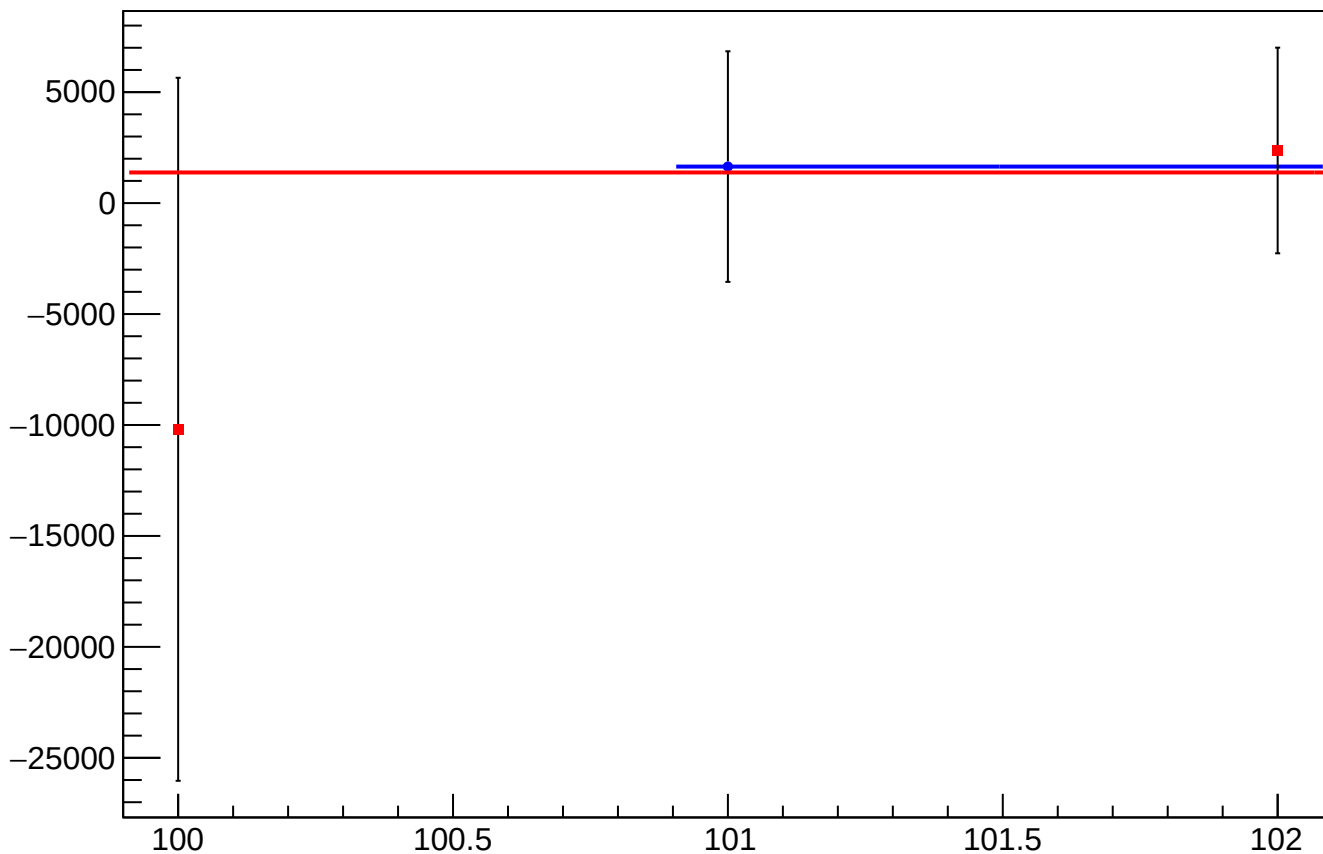
Right: 2166.727 $\pm$ 1.456 χ^2 /NDF: 224003.1/2

In: 3181.297 $\pm$ 2.778 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2166.727 $\pm$ 1.456 χ^2 /NDF: 224003.1/2

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1645.520+/-5196.236 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1380.390+/-4447.410 χ^2 /NDF: 0.6/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

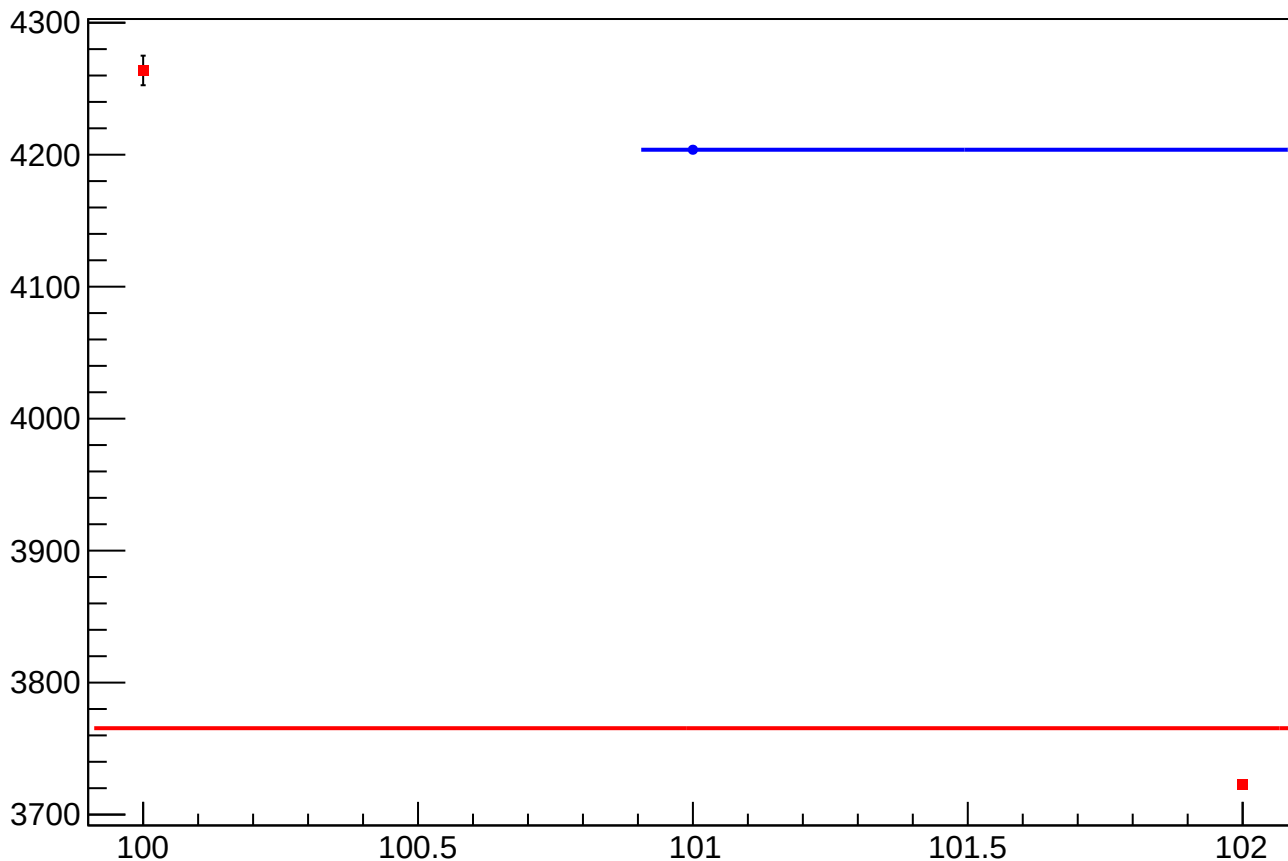
Right: 1492.491+/-3378.815 χ^2 /NDF: 0.6/2

In: 1645.520+/-5196.236 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1492.491+/-3378.815 χ^2 /NDF: 0.6/2

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4203.764 $\pm$ 3.674 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3765.456 $\pm$ 3.145 χ^2 /NDF: 2148.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

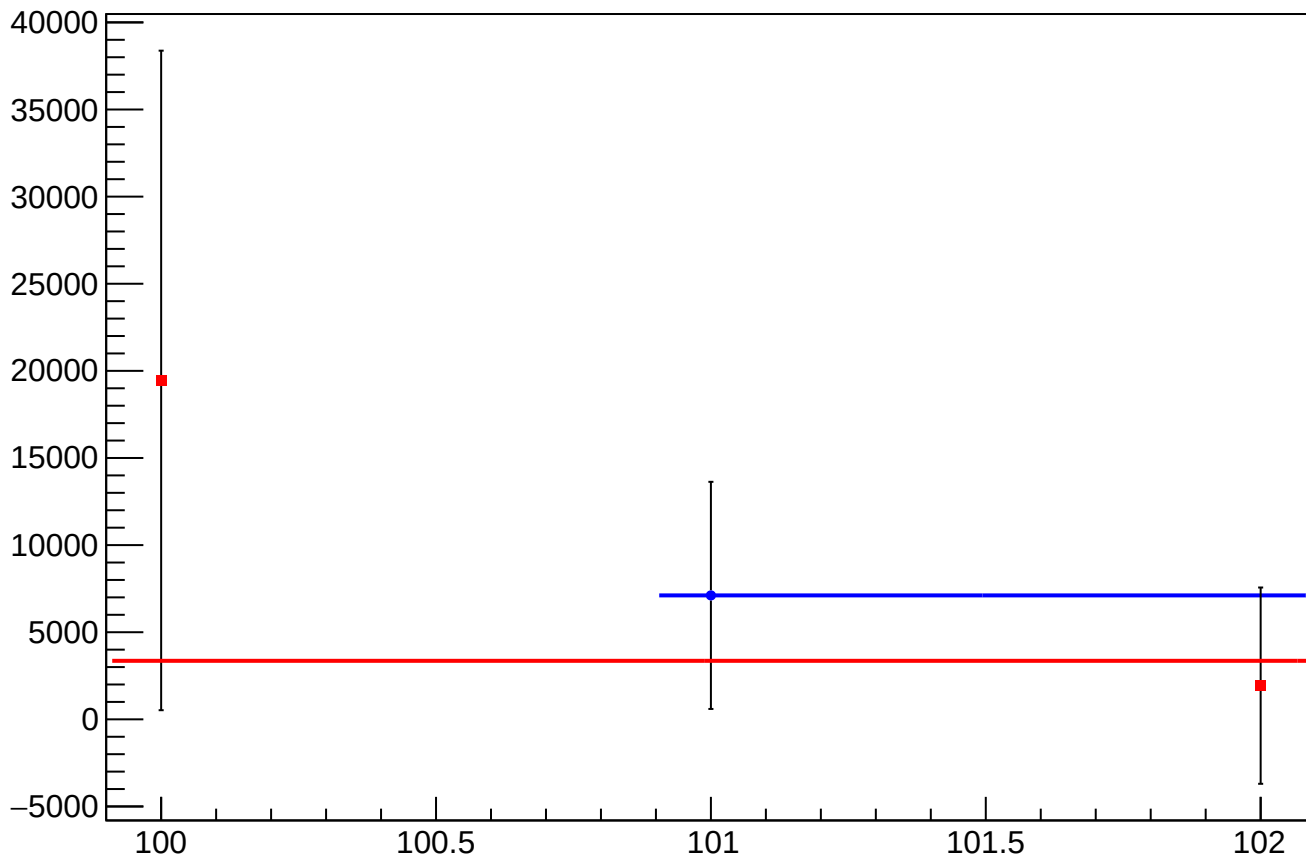
Right: 3950.780 $\pm$ 2.389 χ^2 /NDF: 10362.3/2

In: 4203.764 $\pm$ 3.674 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3950.780 $\pm$ 2.389 χ^2 /NDF: 10362.3/2

asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: 7113.572+/-6517.946 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3358.781+/-5398.769 χ^2/NDF : 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

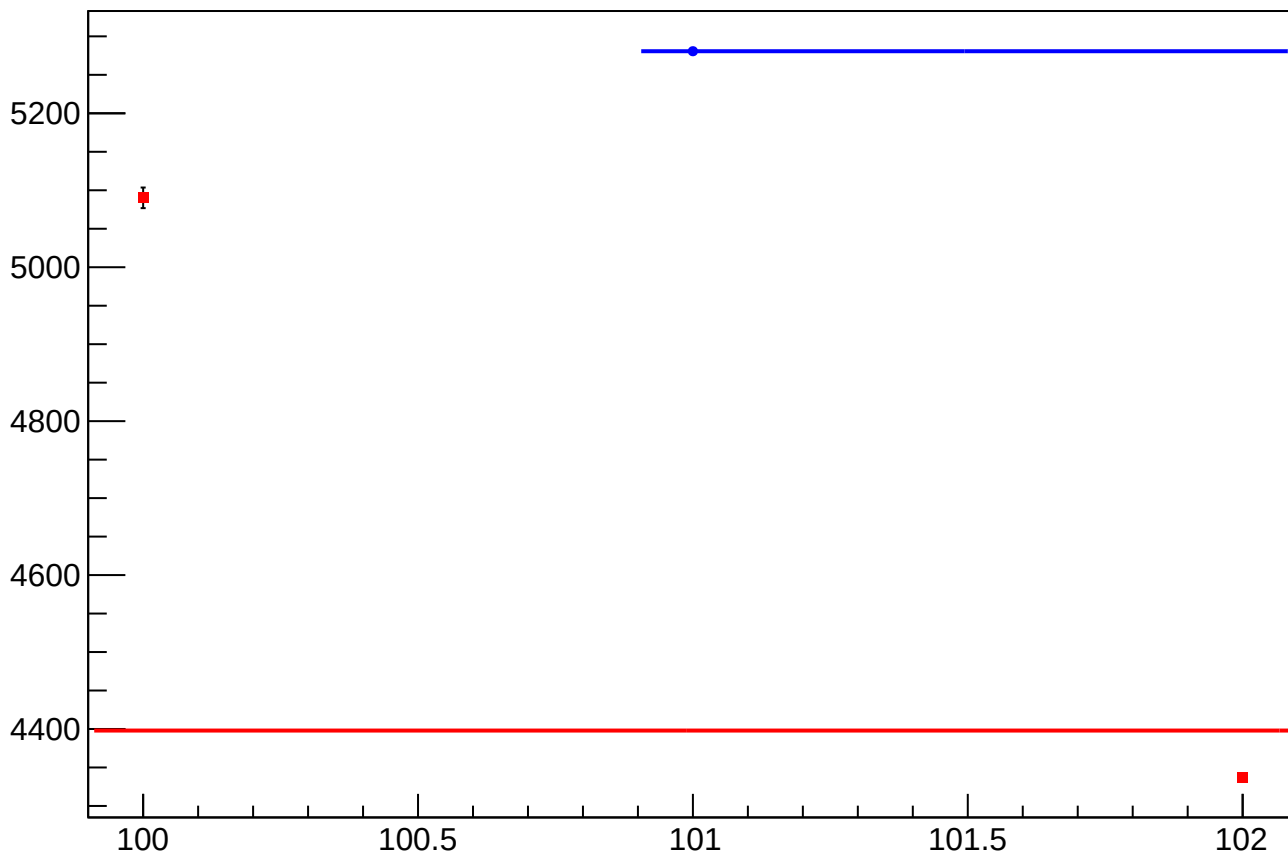
Right: 4886.622+/-4157.737 χ^2/NDF : 1.0/2

In: 7113.572+/-6517.946 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4886.622+/-4157.737 χ^2/NDF : 1.0/2

asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 5280.679+/-4.609 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4397.973+/-3.817 χ^2/NDF : 2912.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

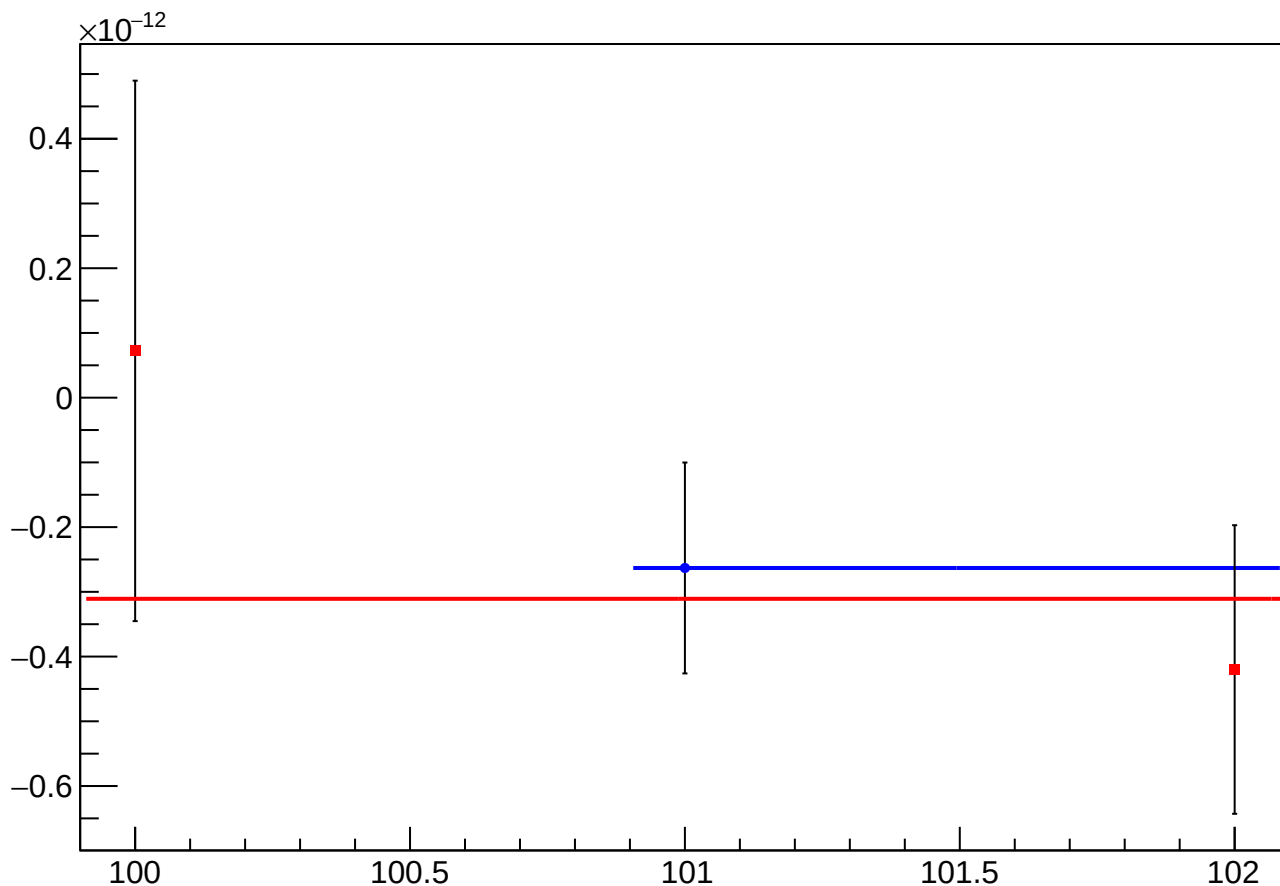
Right: 4757.121+/-2.940 χ^2/NDF : 24668.8/2

In: 5280.679+/-4.609 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4757.121+/-2.940 χ^2/NDF : 24668.8/2

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_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 : 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

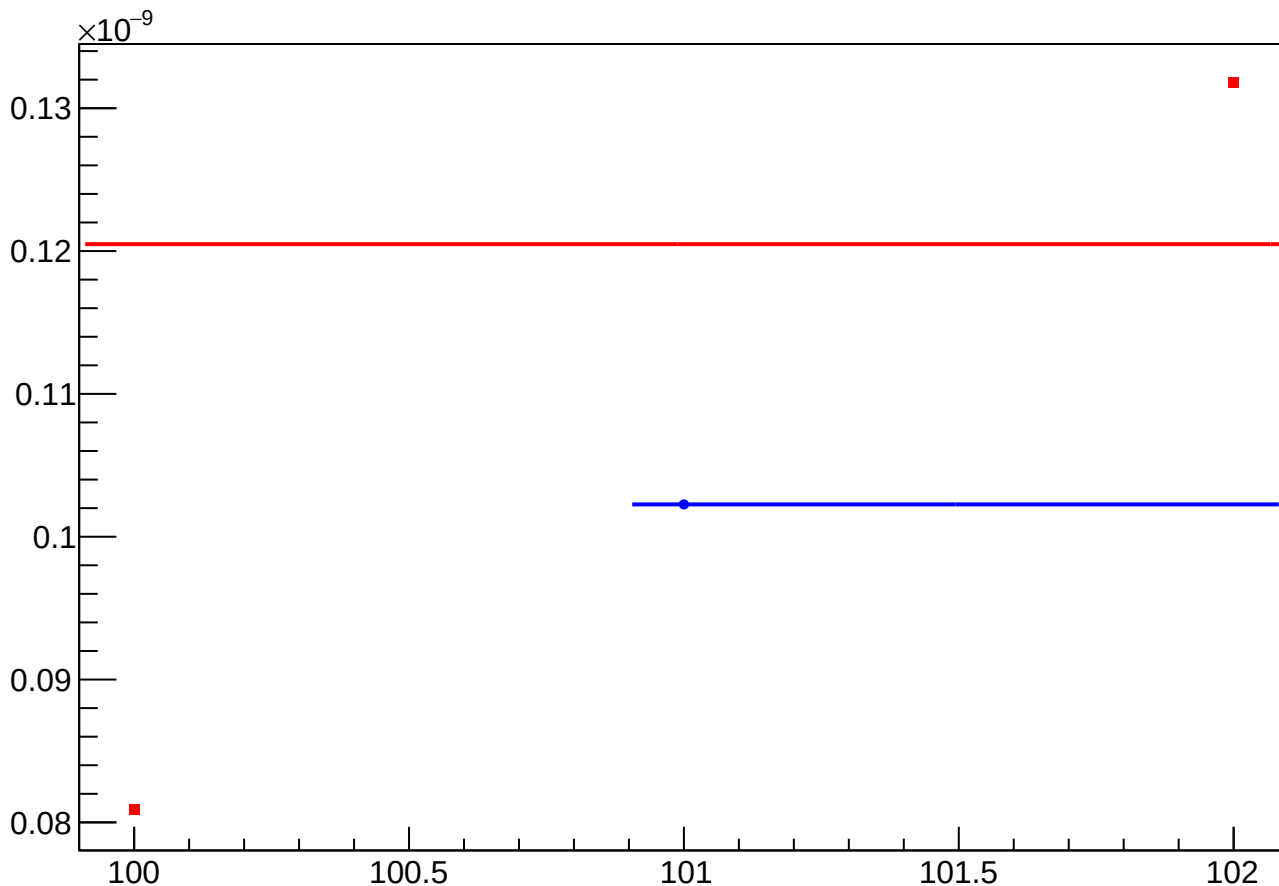
Right: -0.000+/-0.000 χ^2/NDF : 1.1/2

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 : 1.1/2

asym_atl1r2_dd_atl2r1_dd_dd_reg_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 : 23110.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

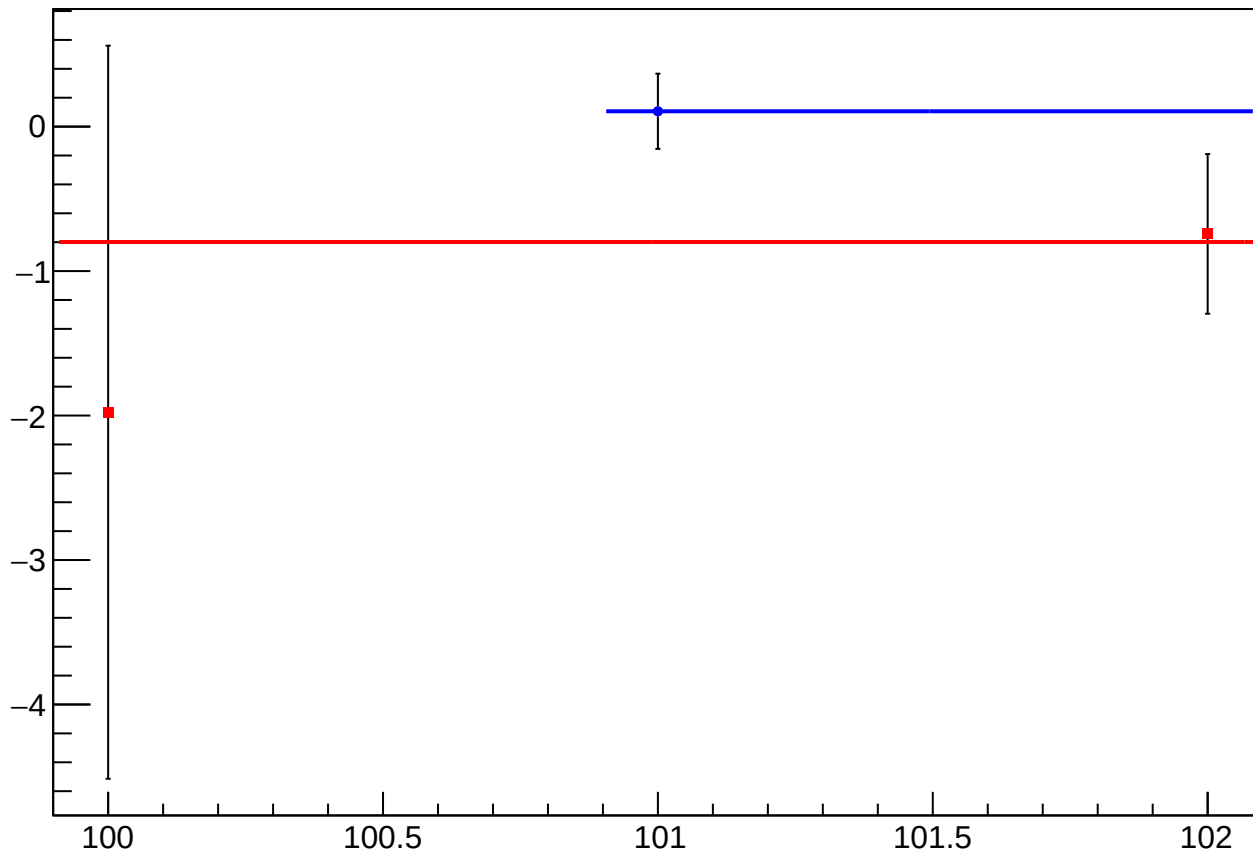
Right: 0.000+/-0.000 χ^2/NDF : 33293.4/2

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 : 33293.4/2

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.106 $\pm$ 0.260 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.799 $\pm$ 0.540 χ^2 /NDF: 0.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

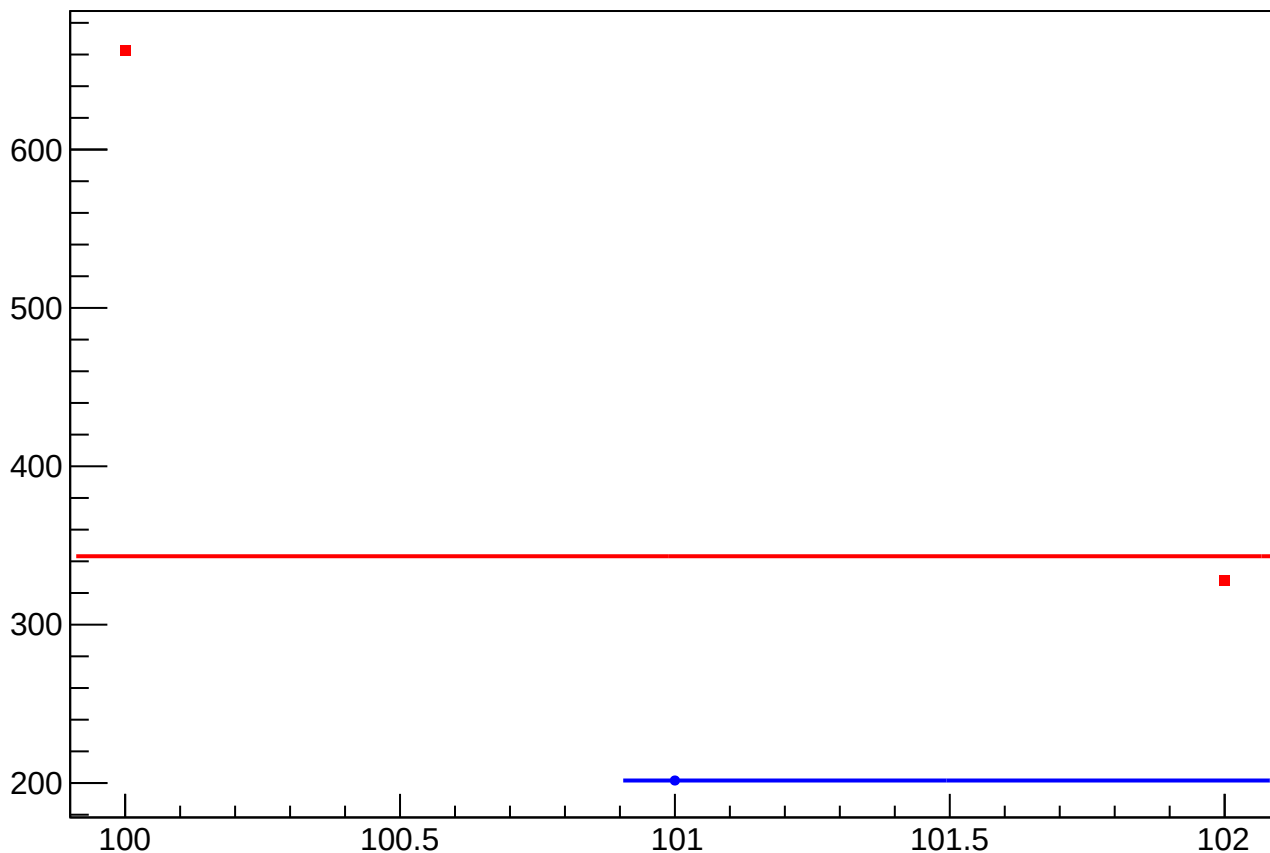
Right: -0.064 $\pm$ 0.234 χ^2 /NDF: 2.5/2

In: 0.106 $\pm$ 0.260 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.064 $\pm$ 0.234 χ^2 /NDF: 2.5/2

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 201.597 $\pm$ 0.184 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 343.204 $\pm$ 0.382 χ^2 /NDF: 33181.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

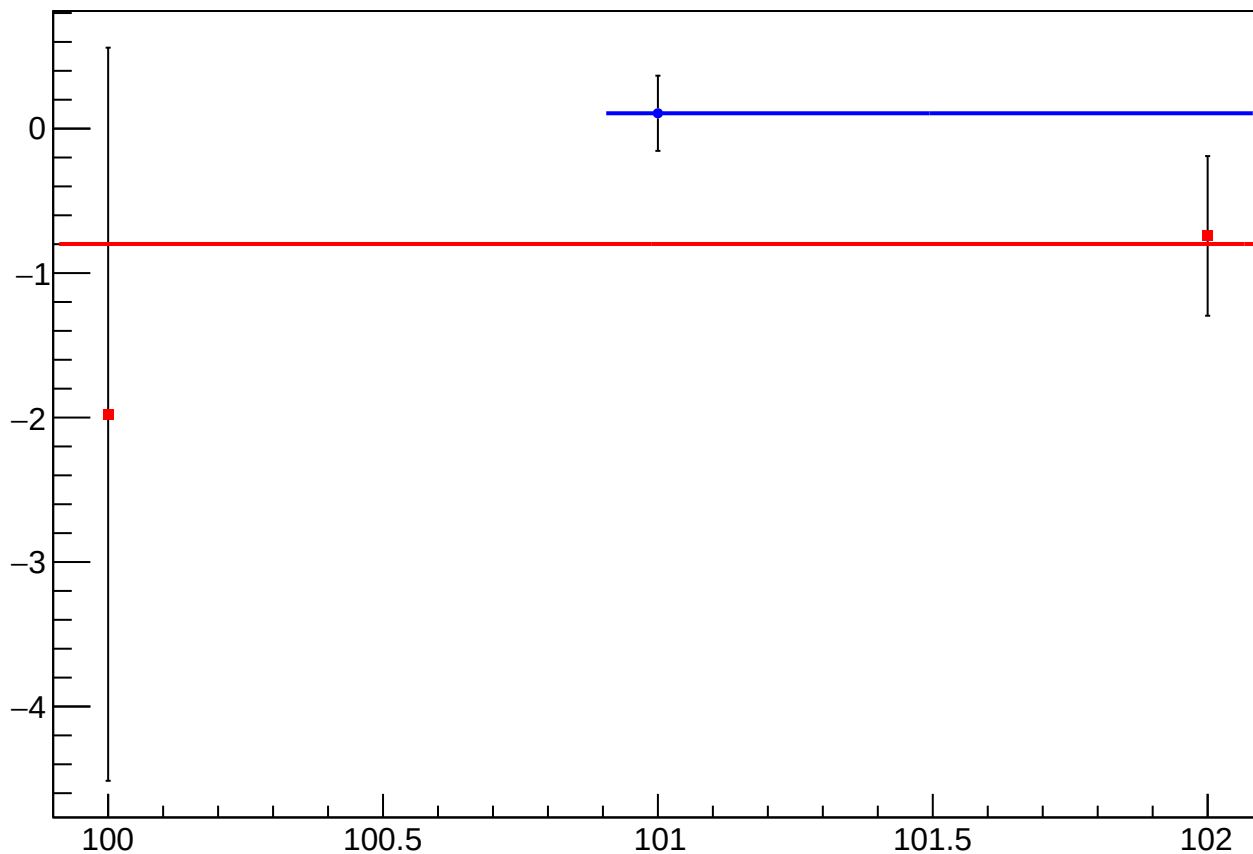
Right: 228.293 $\pm$ 0.166 χ^2 /NDF: 144841.5/2

In: 201.597 $\pm$ 0.184 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 228.293 $\pm$ 0.166 χ^2 /NDF: 144841.5/2

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.106+/-0.260 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.799+/-0.540 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

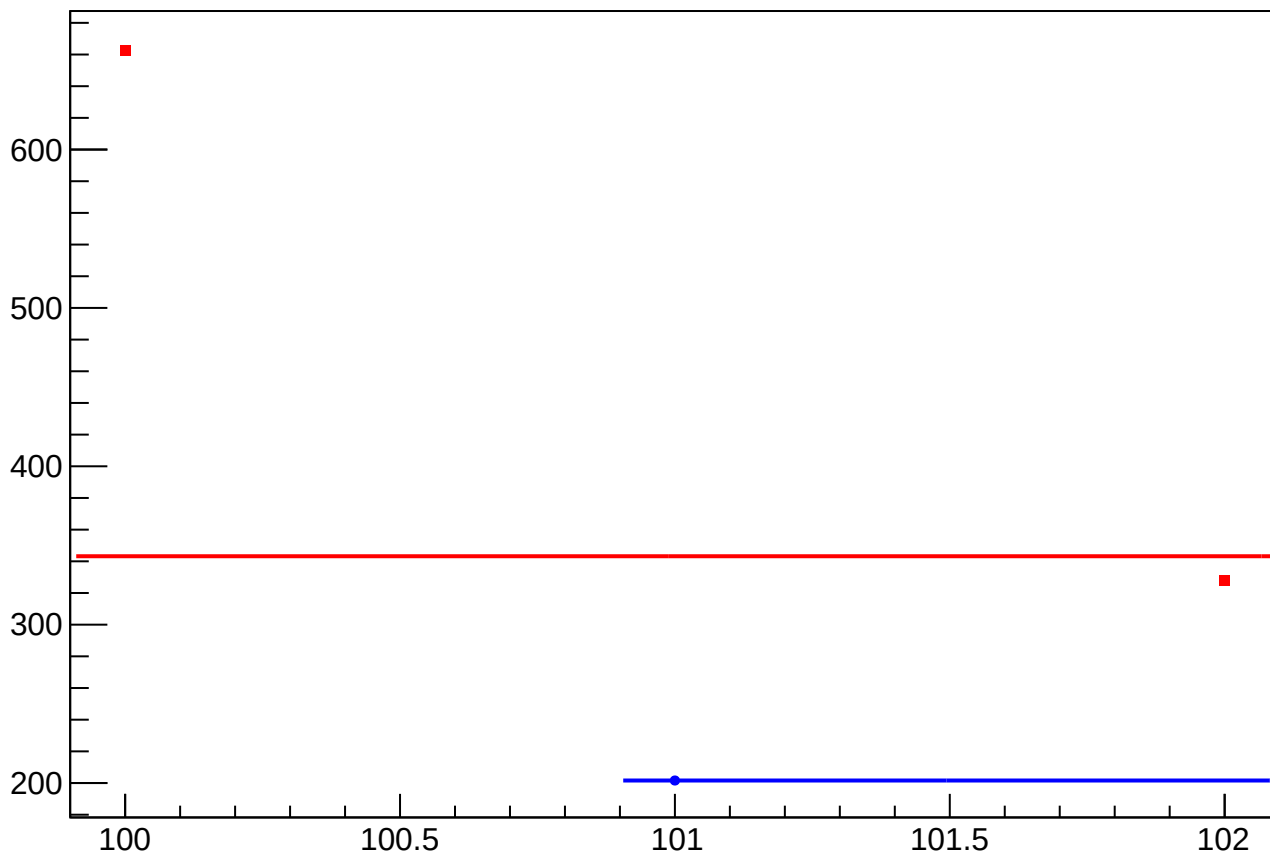
Right: -0.064+/-0.234 χ^2/NDF : 2.5/2

In: 0.106+/-0.260 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.064+/-0.234 χ^2/NDF : 2.5/2

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 201.597 $\pm$ 0.184 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 343.204 $\pm$ 0.382 χ^2 /NDF: 33181.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

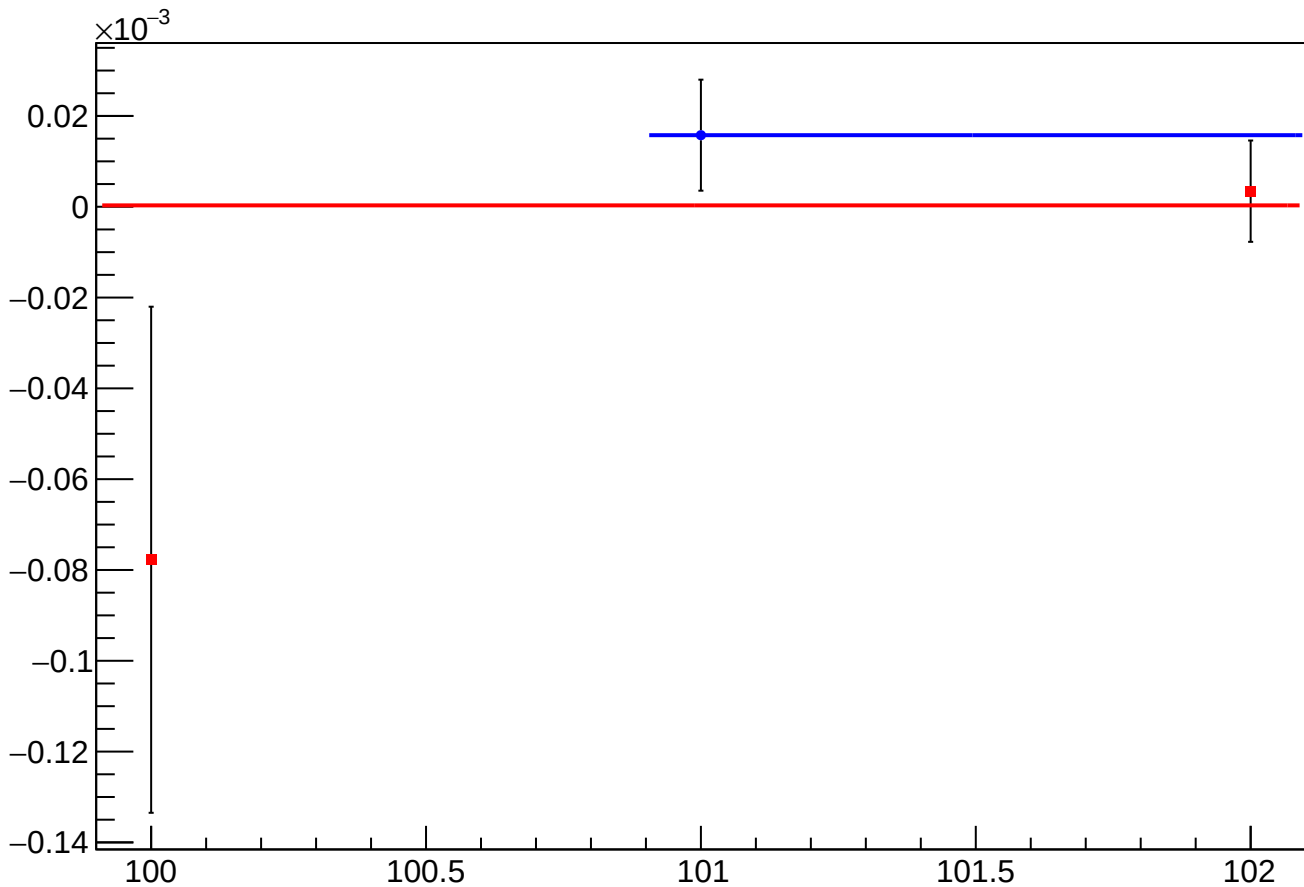
Right: 228.293 $\pm$ 0.166 χ^2 /NDF: 144841.5/2

In: 201.597 $\pm$ 0.184 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 228.293 $\pm$ 0.166 χ^2 /NDF: 144841.5/2

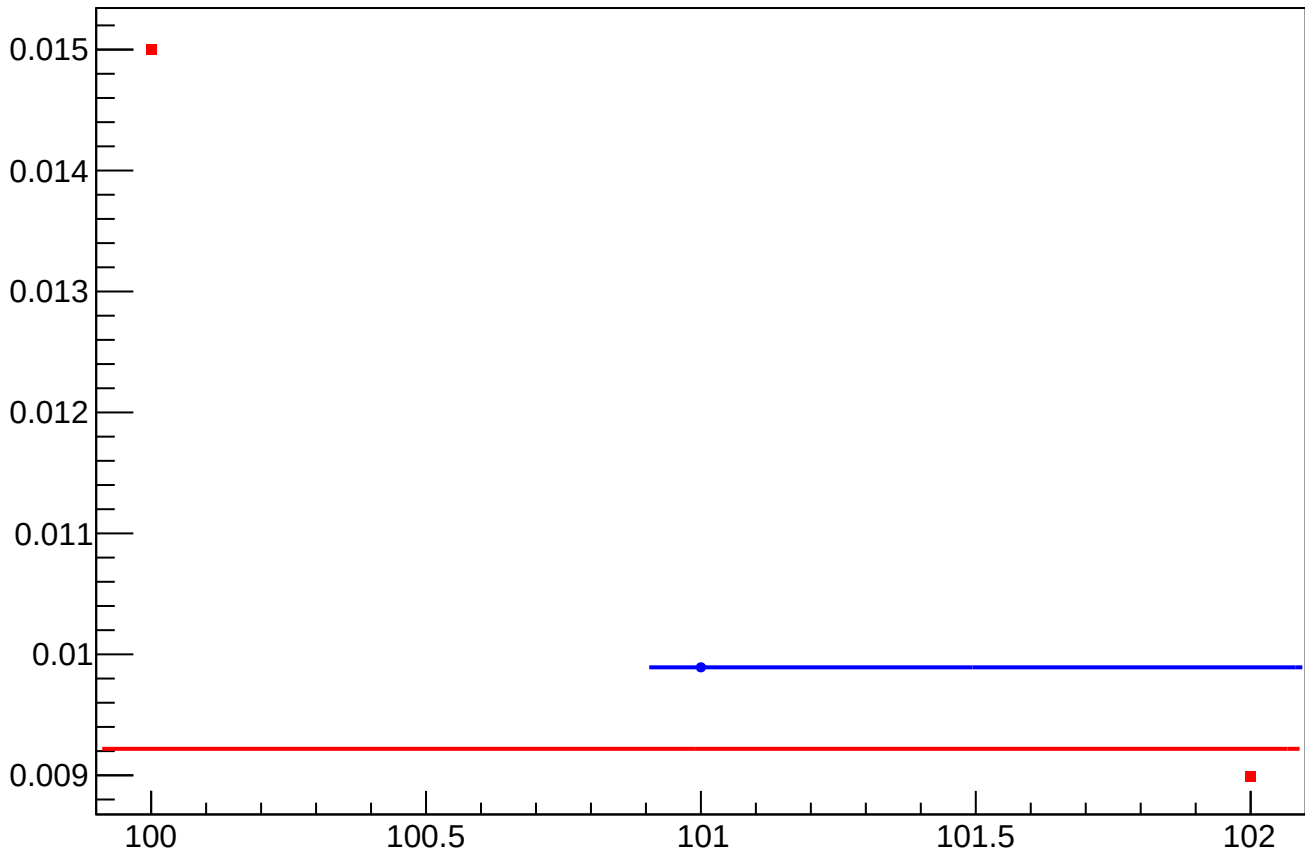
asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 2.0/1
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 2.9/2
 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 : 2.9/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 22390.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

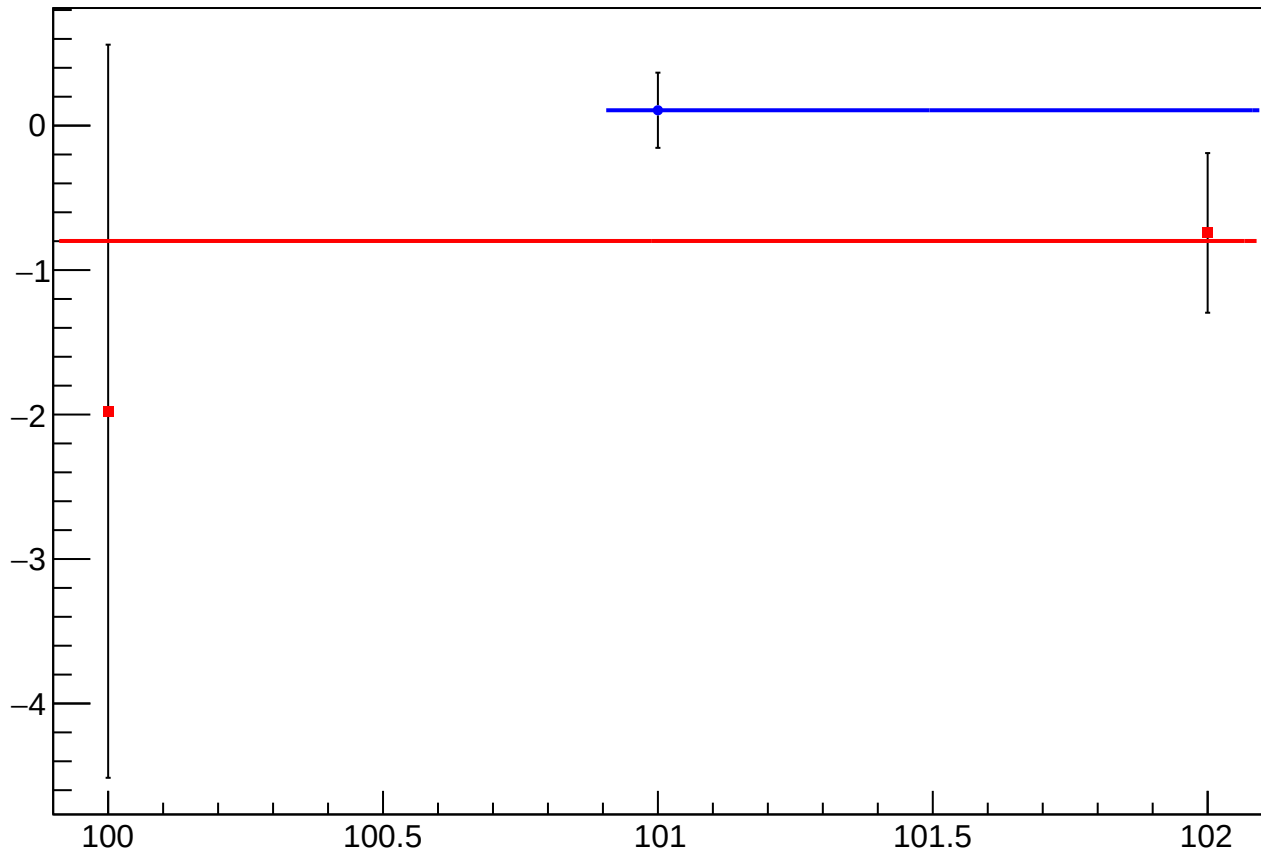
Right: 0.010+/-0.000 χ^2/NDF : 25763.0/2

In: 0.010+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 25763.0/2

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.106+/-0.260 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.799+/-0.540 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

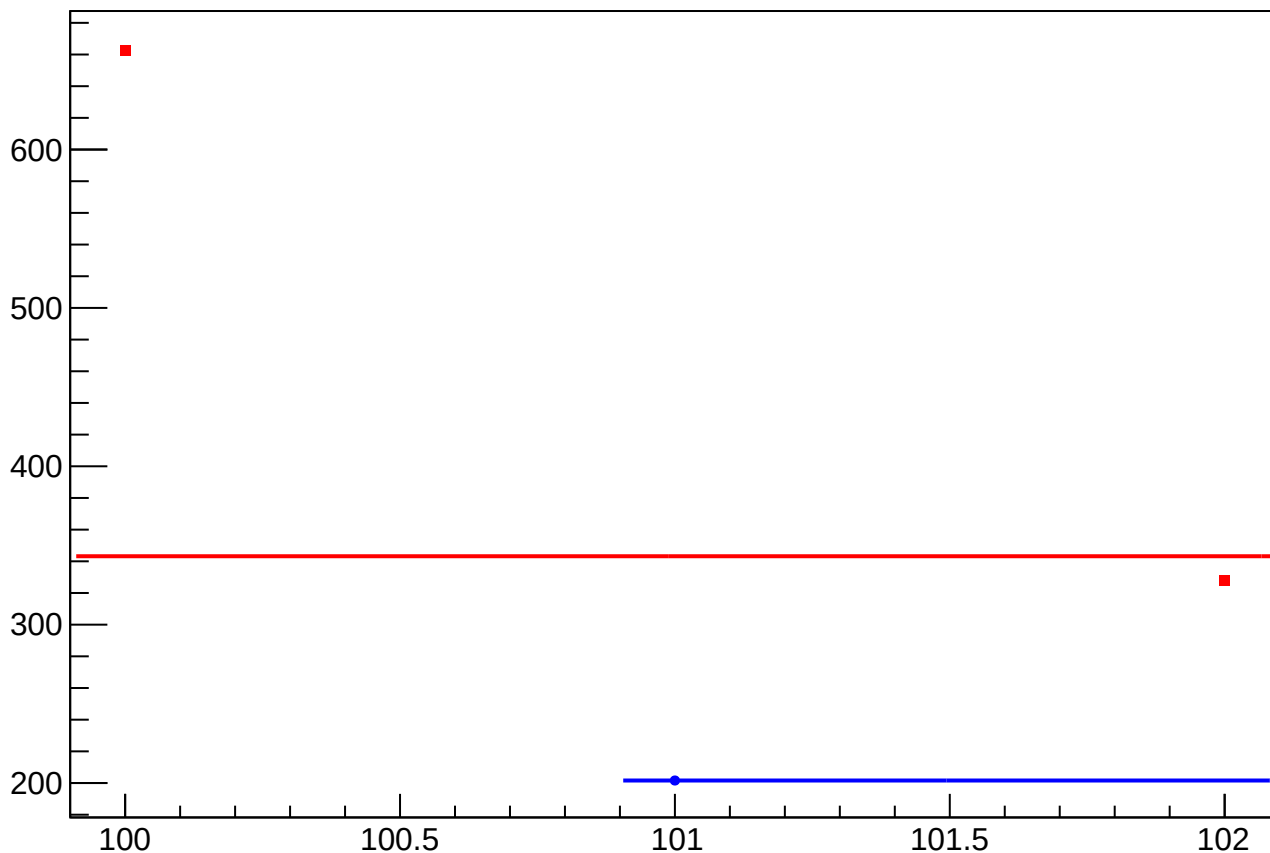
Right: -0.064+/-0.234 χ^2/NDF : 2.5/2

In: 0.106+/-0.260 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.064+/-0.234 χ^2/NDF : 2.5/2

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 201.593 $\pm$ 0.184 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 343.202 $\pm$ 0.382 χ^2 /NDF: 33181.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

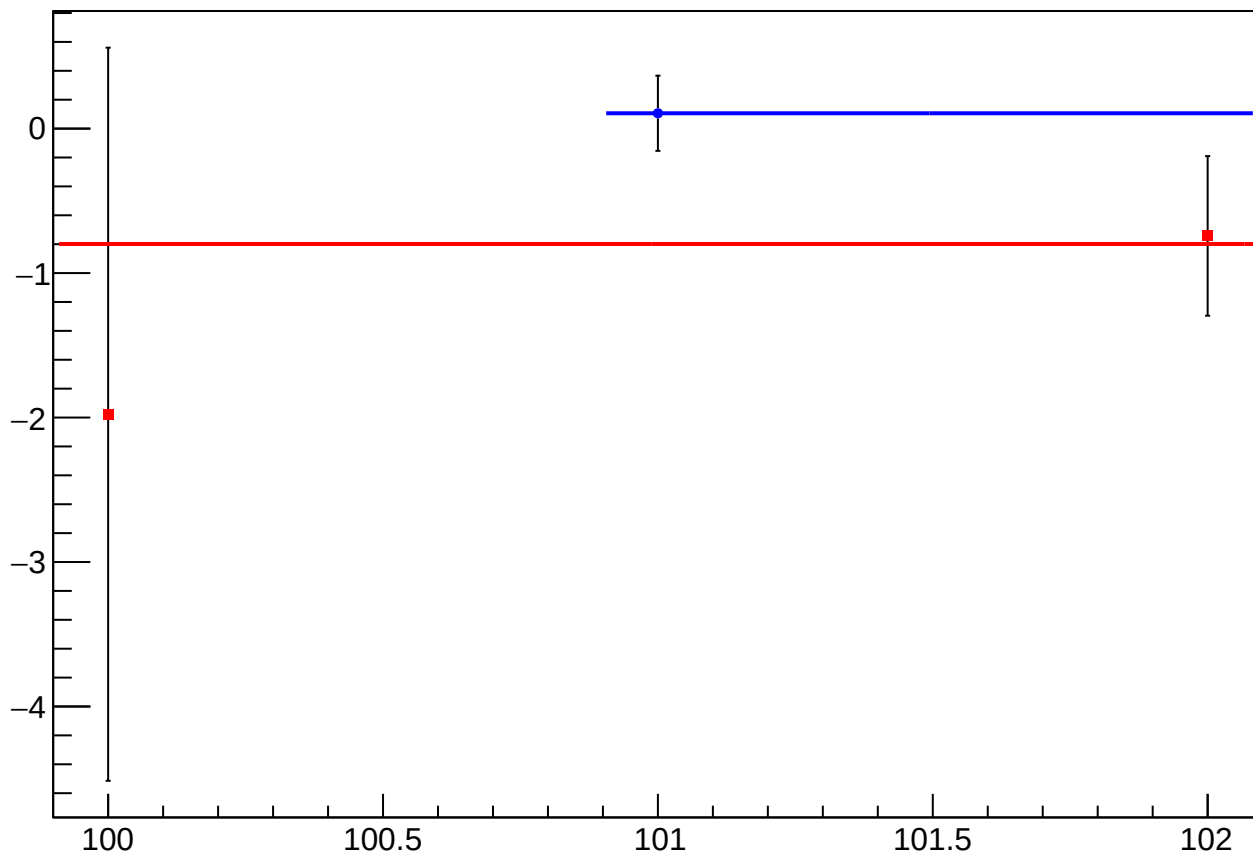
Right: 228.290 $\pm$ 0.166 χ^2 /NDF: 144845.7/2

In: 201.593 $\pm$ 0.184 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 228.290 $\pm$ 0.166 χ^2 /NDF: 144845.7/2

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.106 $\pm$ 0.260 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.799 $\pm$ 0.540 χ^2 /NDF: 0.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

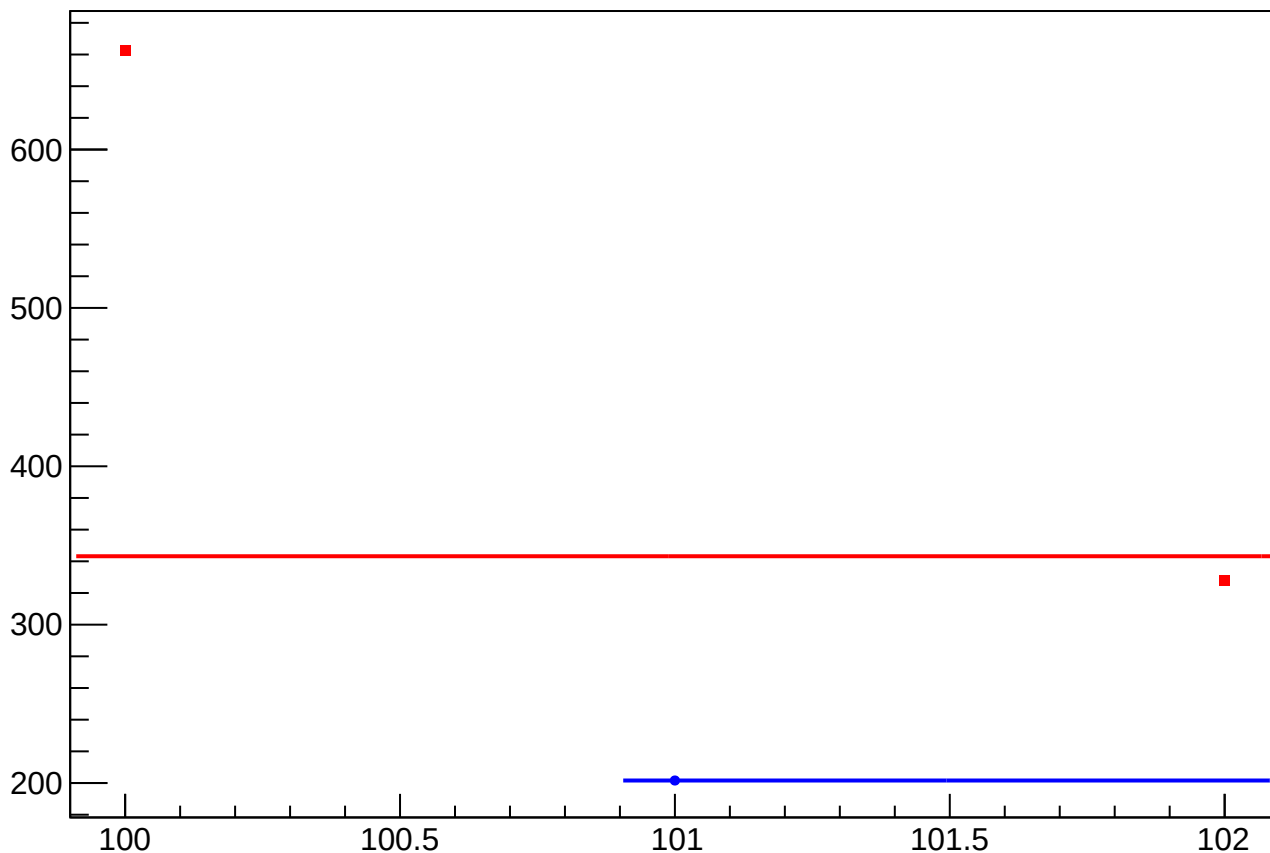
Right: -0.064 $\pm$ 0.234 χ^2 /NDF: 2.5/2

In: 0.106 $\pm$ 0.260 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.064 $\pm$ 0.234 χ^2 /NDF: 2.5/2

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 201.593 $\pm$ 0.184 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 343.202 $\pm$ 0.382 χ^2 /NDF: 33181.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

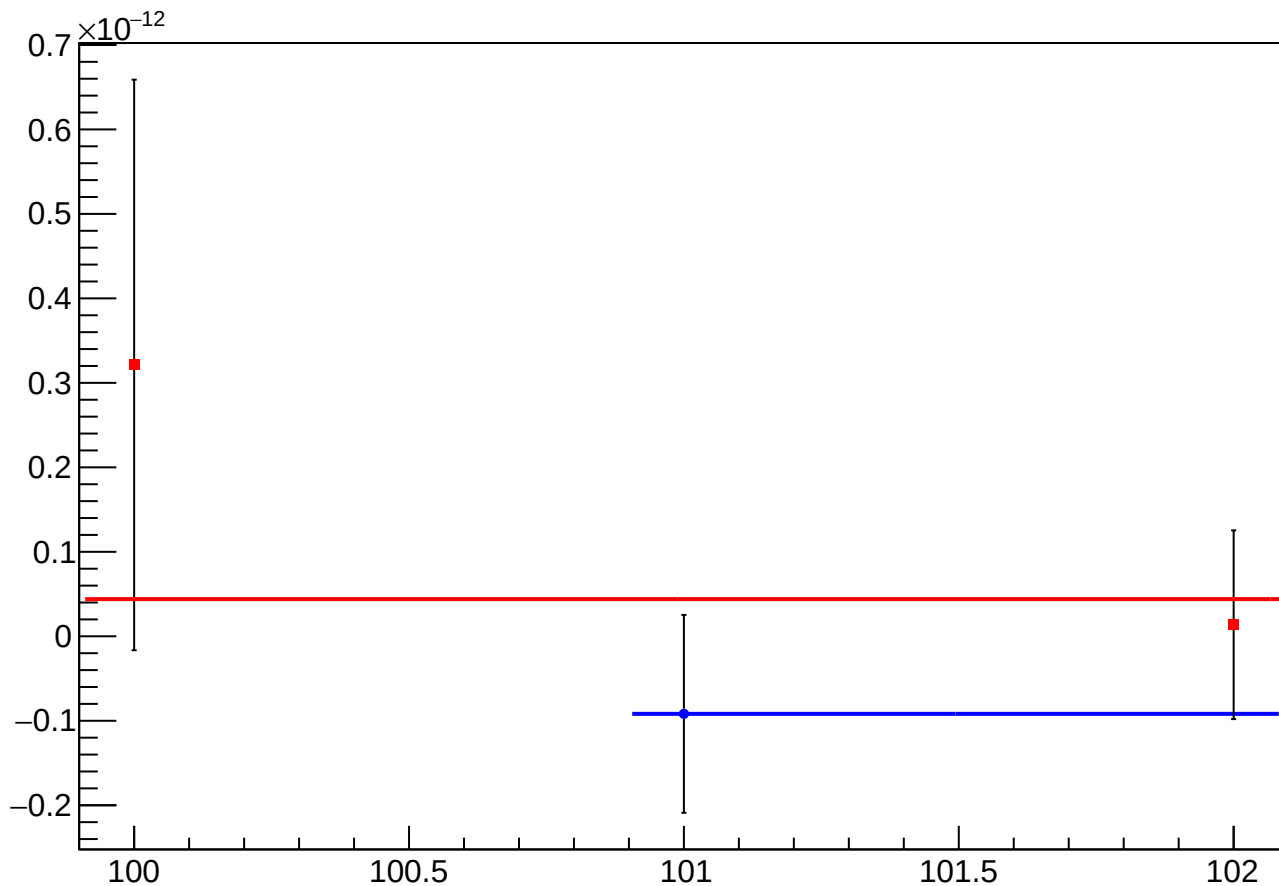
Right: 228.290 $\pm$ 0.166 χ^2 /NDF: 144845.7/2

In: 201.593 $\pm$ 0.184 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 228.290 $\pm$ 0.166 χ^2 /NDF: 144845.7/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

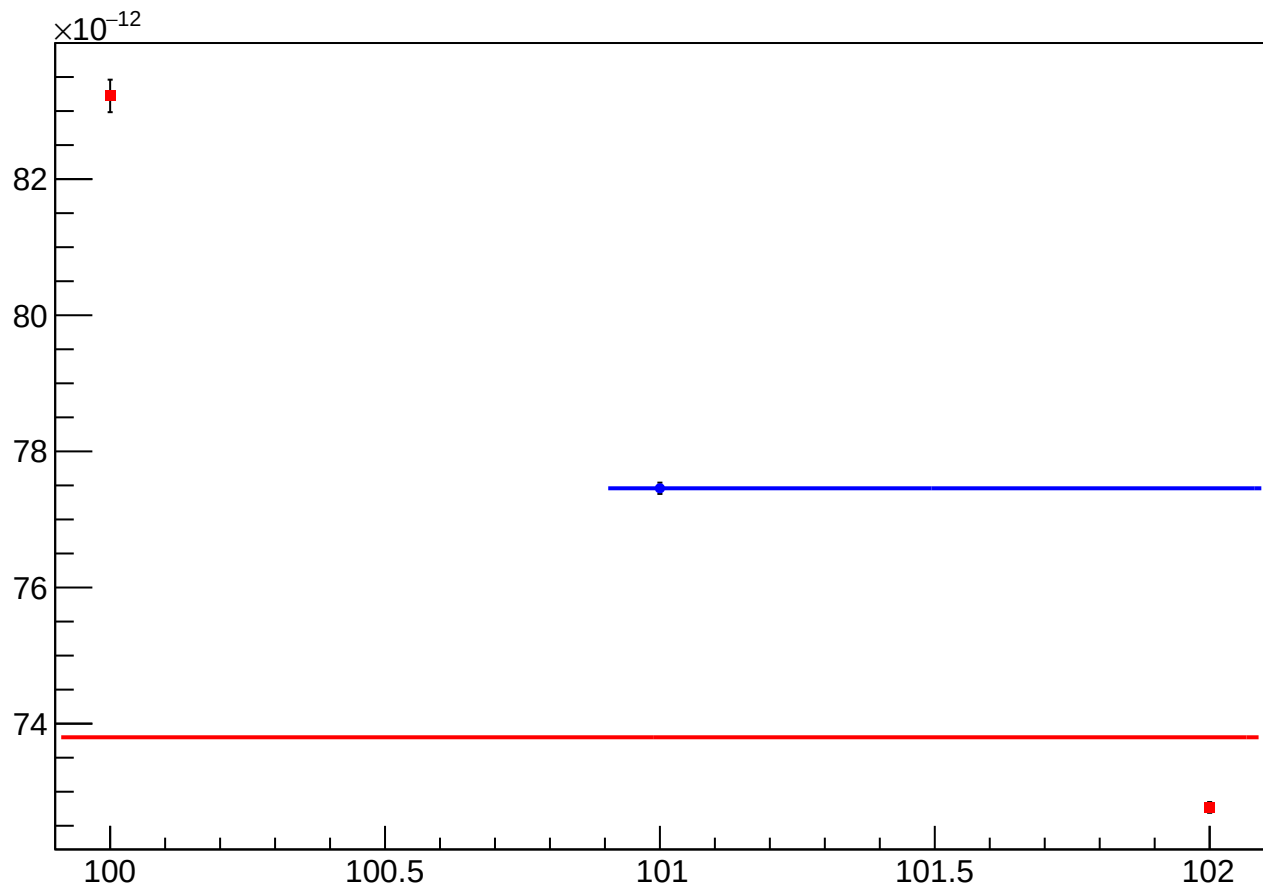
Right: -0.000+/-0.000 χ^2/NDF : 1.5/2

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 : 1.5/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1727.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

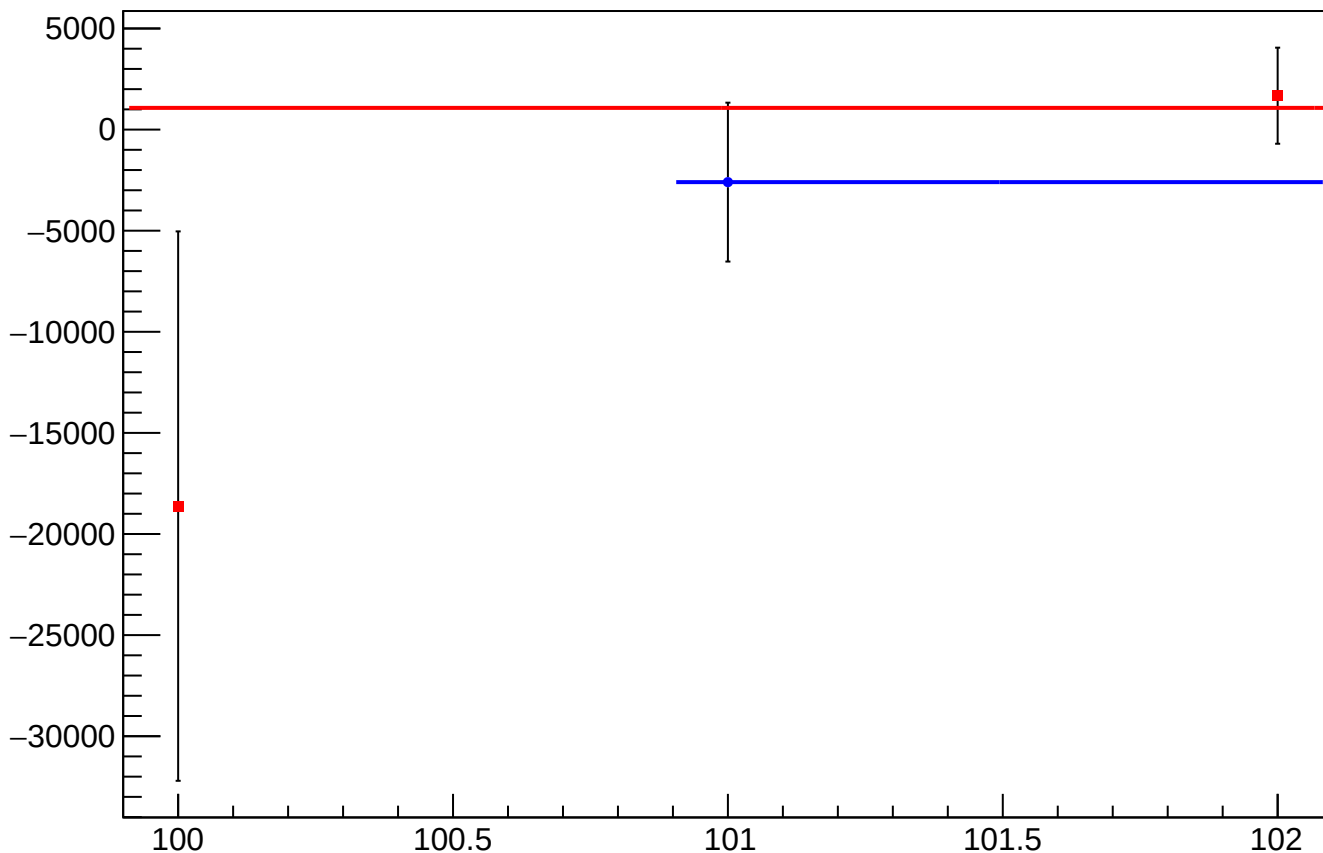
Right: 0.000+/-0.000 χ^2/NDF : 2799.6/2

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 : 2799.6/2

reg_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -2597.701+/-3928.663 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1073.668+/-2340.047 χ^2/NDF : 2.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

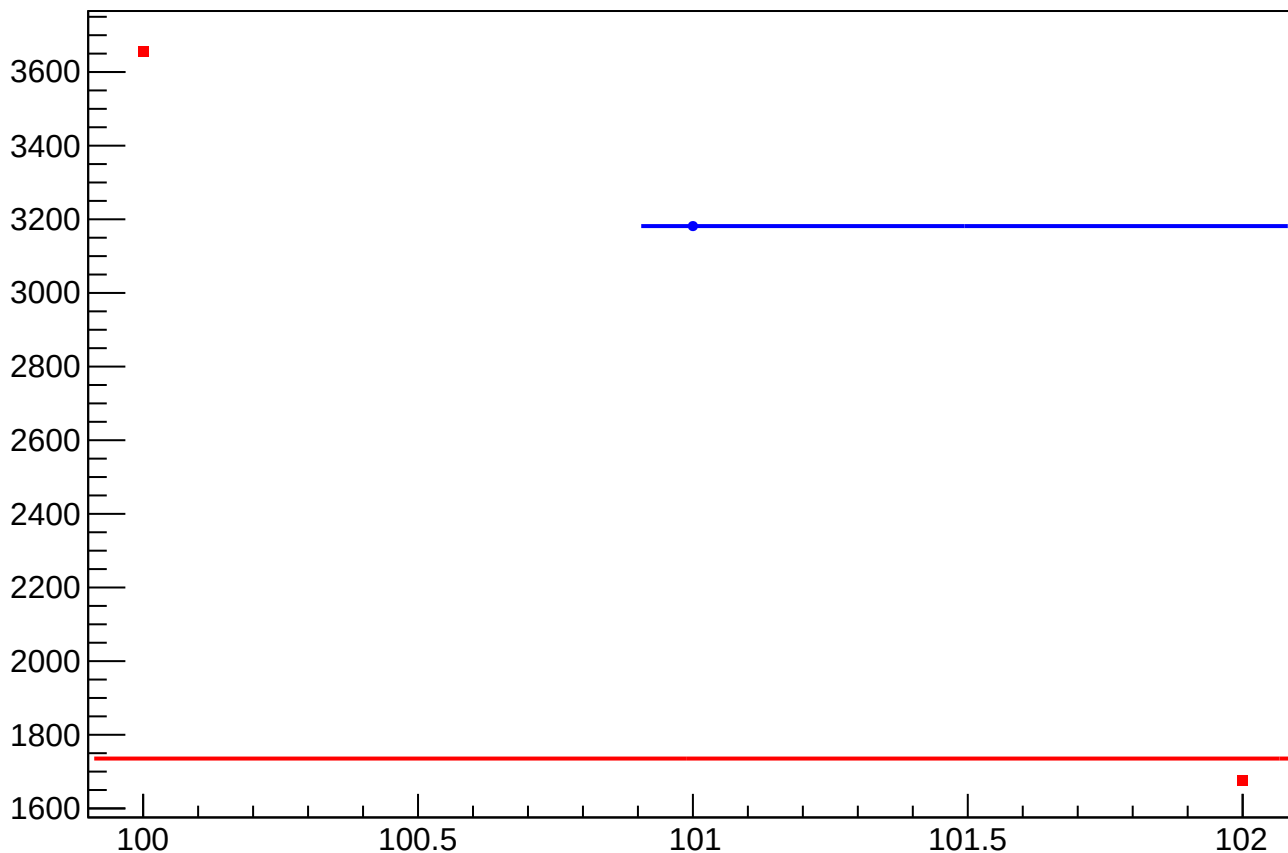
Right: 112.236+/-2010.436 χ^2/NDF : 2.8/2

In: -2597.701+/-3928.663 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.236+/-2010.436 χ^2/NDF : 2.8/2

reg_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 3181.574 $\pm$ 2.778 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1735.433 $\pm$ 1.655 χ^2 /NDF: 41216.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

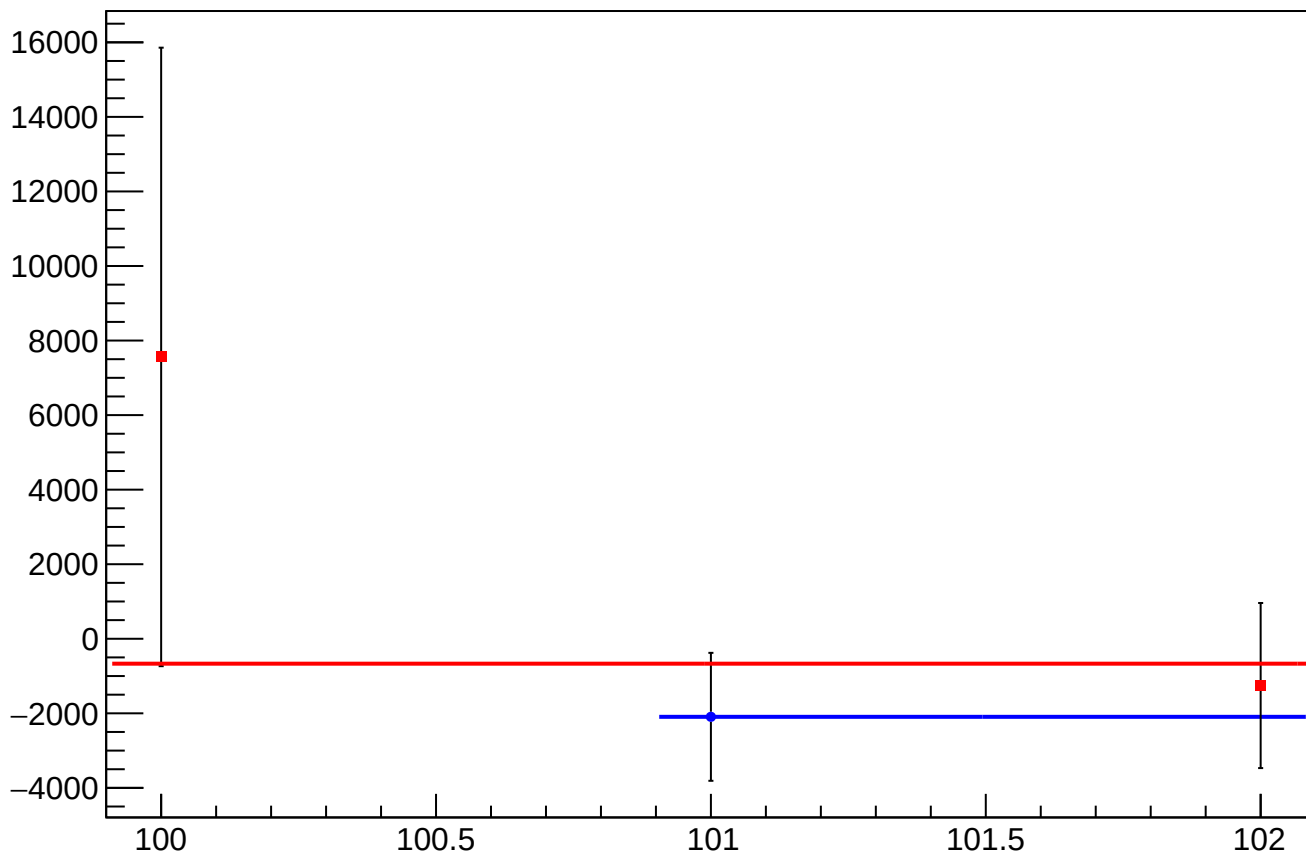
Right: 2114.134 $\pm$ 1.422 χ^2 /NDF: 241245.8/2

In: 3181.574 $\pm$ 2.778 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2114.134 $\pm$ 1.422 χ^2 /NDF: 241245.8/2

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -2093.988+/-1716.175 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -668.288+/-2139.530 χ^2/NDF : 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

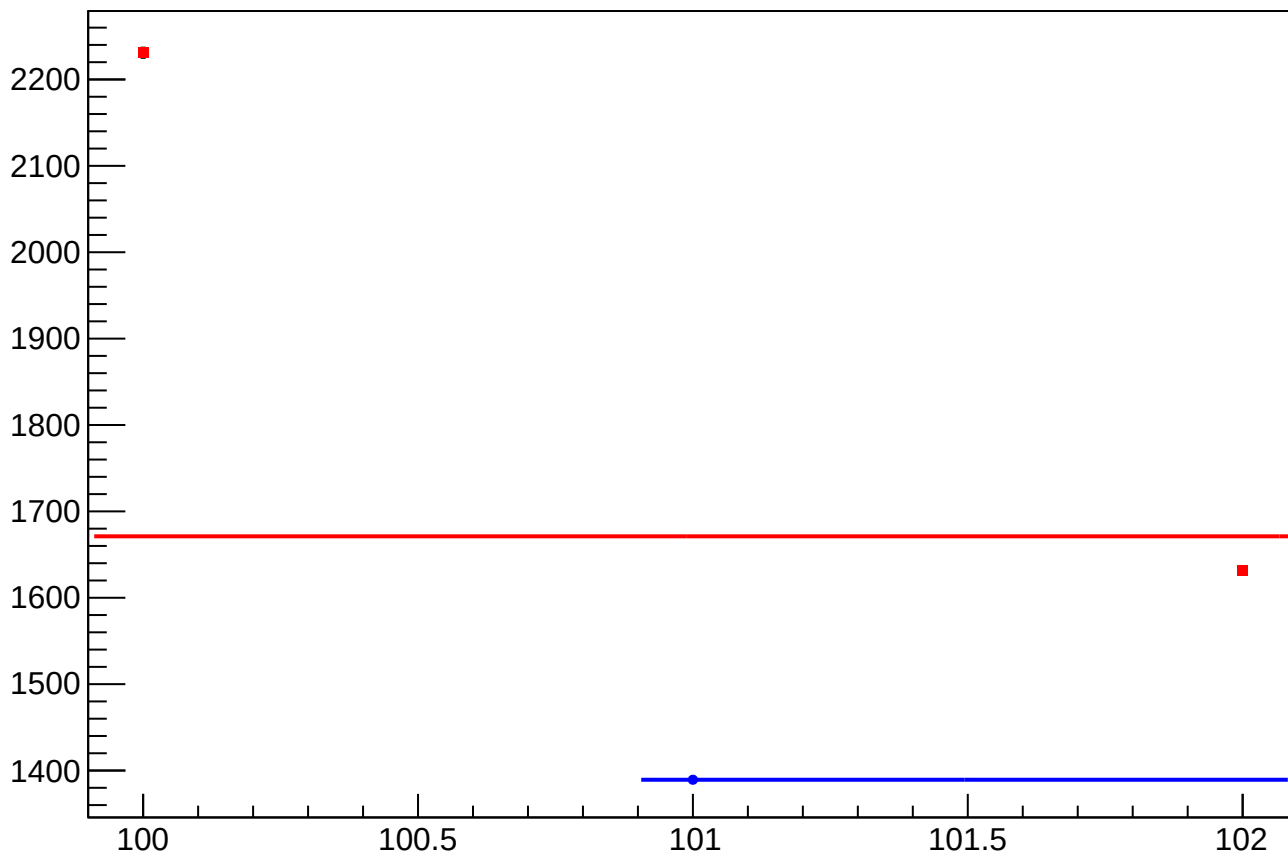
Right: -1535.815+/-1338.717 χ^2/NDF : 1.3/2

In: -2093.988+/-1716.175 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1535.815+/-1338.717 χ^2/NDF : 1.3/2

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1389.328+/-1.214 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1671.135+/-1.513 χ^2/NDF : 9755.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

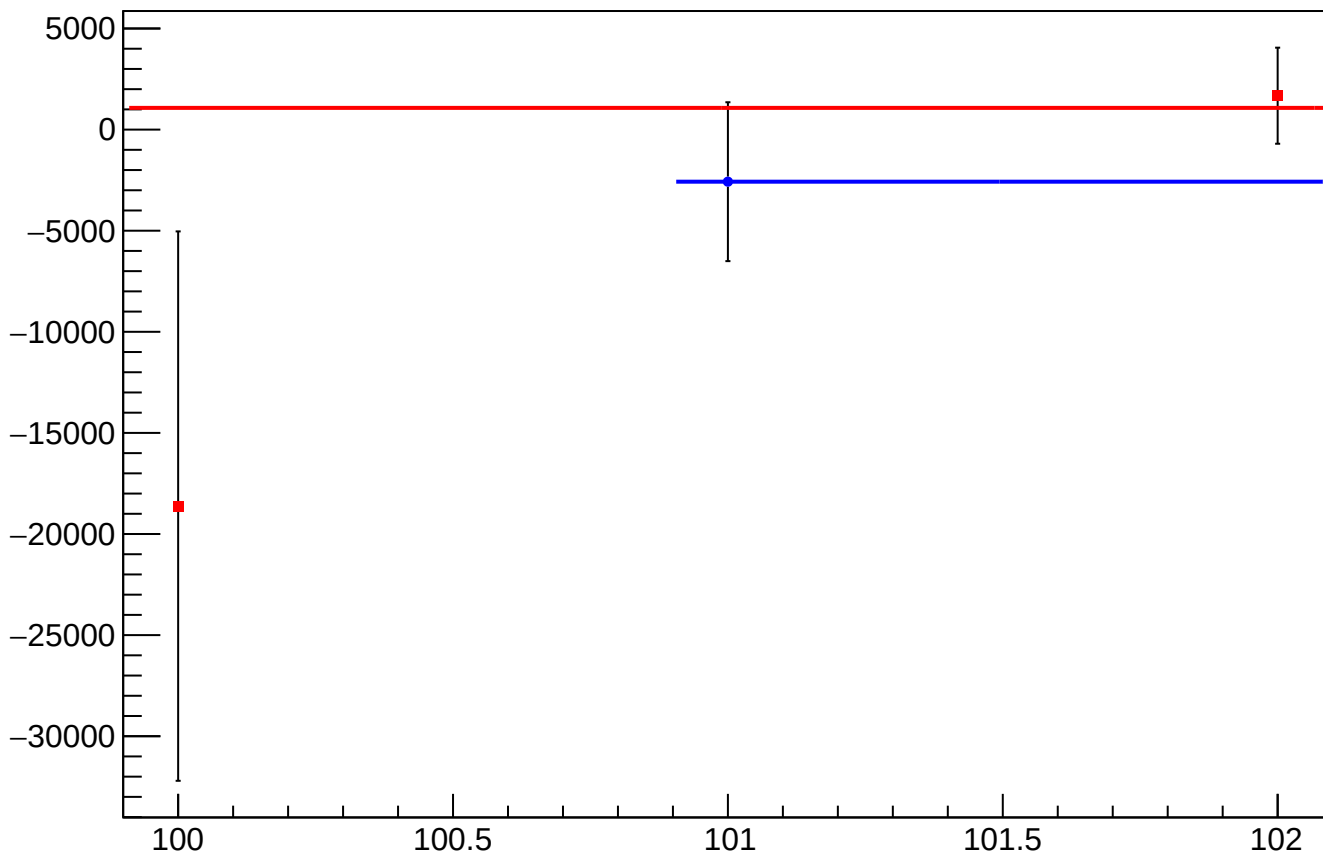
Right: 1499.658+/-0.947 χ^2/NDF : 30868.6/2

In: 1389.328+/-1.214 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1499.658+/-0.947 χ^2/NDF : 30868.6/2

cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -2575.603 $\pm$ 3928.683 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1074.316 $\pm$ 2340.051 χ^2/NDF : 2.2/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

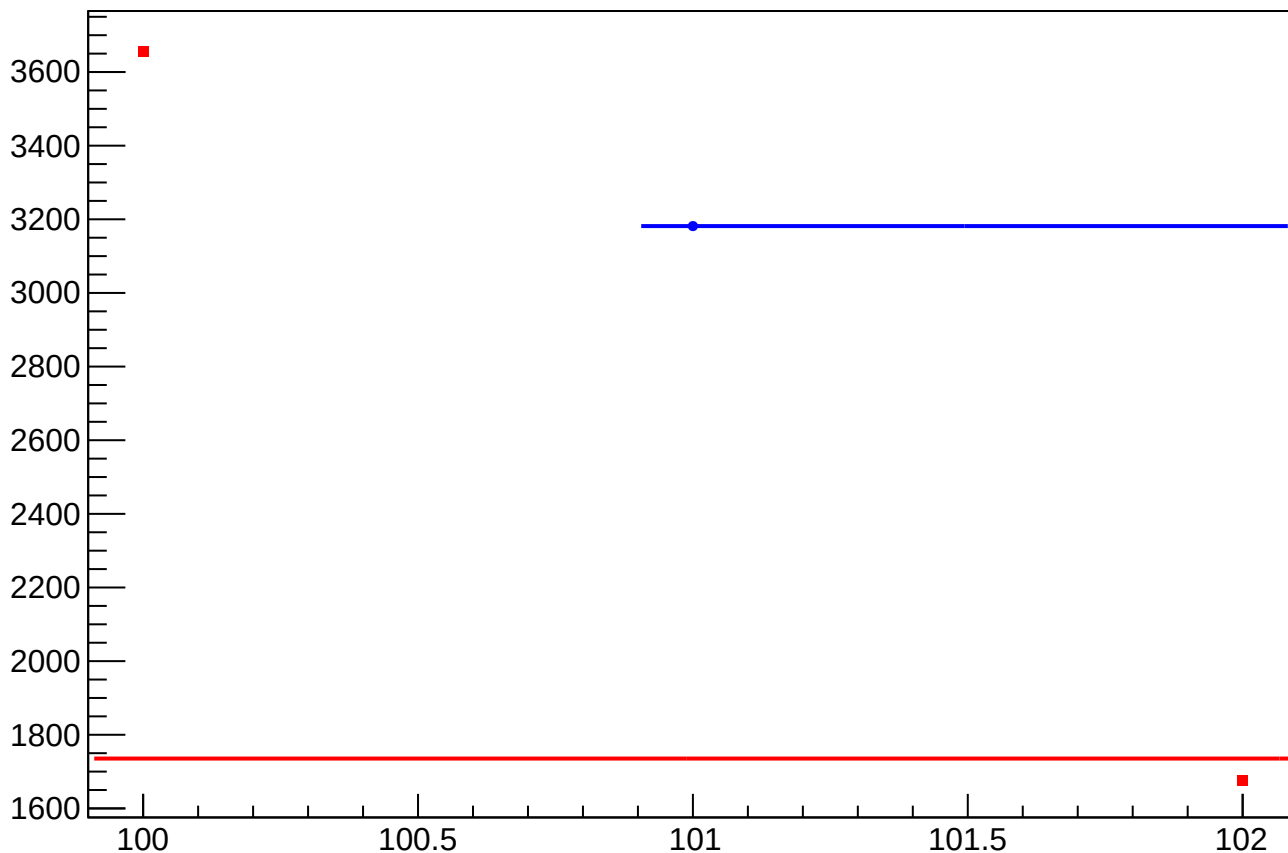
Right: 118.505 $\pm$ 2010.440 χ^2/NDF : 2.8/2

In: -2575.603 $\pm$ 3928.683 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 118.505 $\pm$ 2010.440 χ^2/NDF : 2.8/2

cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 3181.586+/-2.778 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1735.430+/-1.655 χ^2/NDF : 41216.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

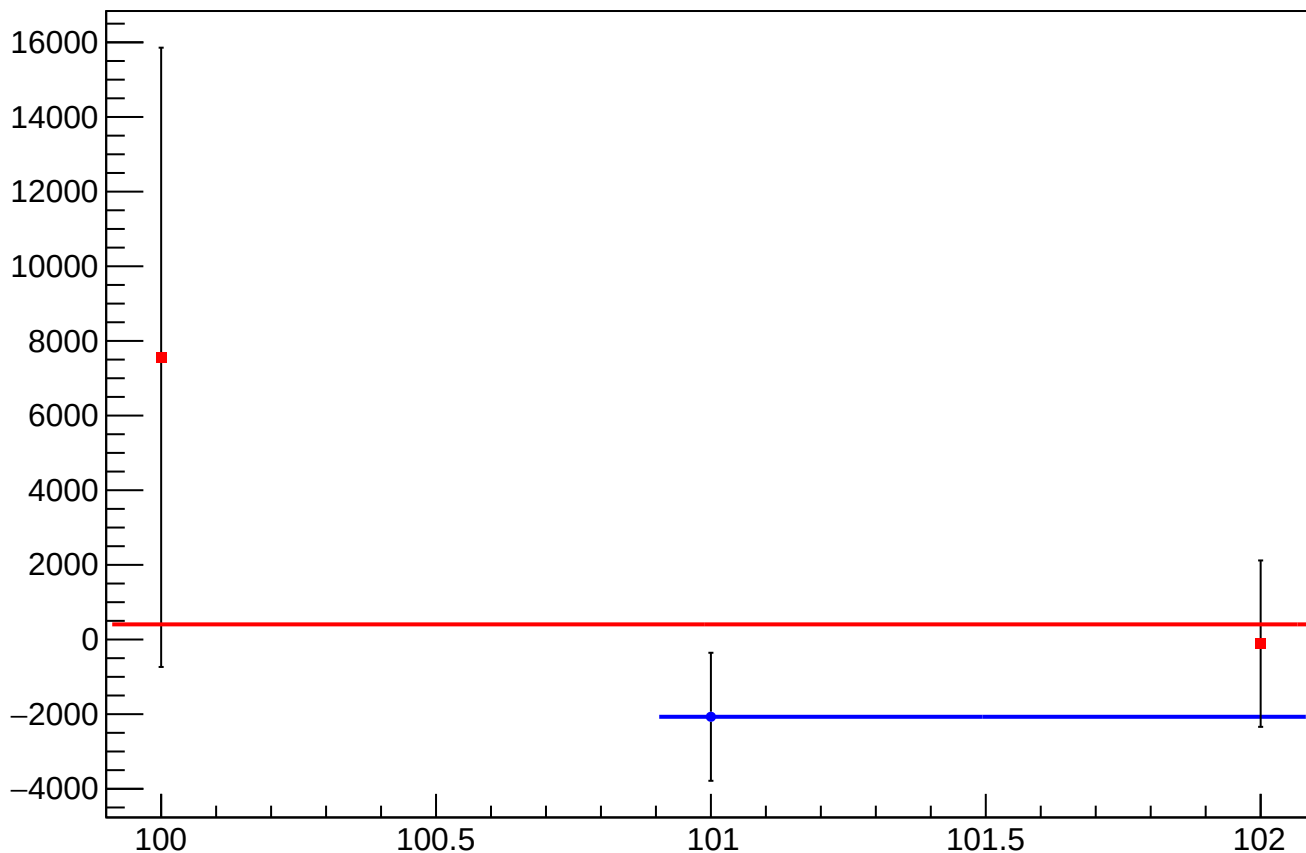
Right: 2114.133+/-1.422 χ^2/NDF : 241248.4/2

In: 3181.586+/-2.778 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2114.133+/-1.422 χ^2/NDF : 241248.4/2

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -2070.192+/-1715.004 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 405.787+/-2152.651 χ^2 /NDF: 0.8/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

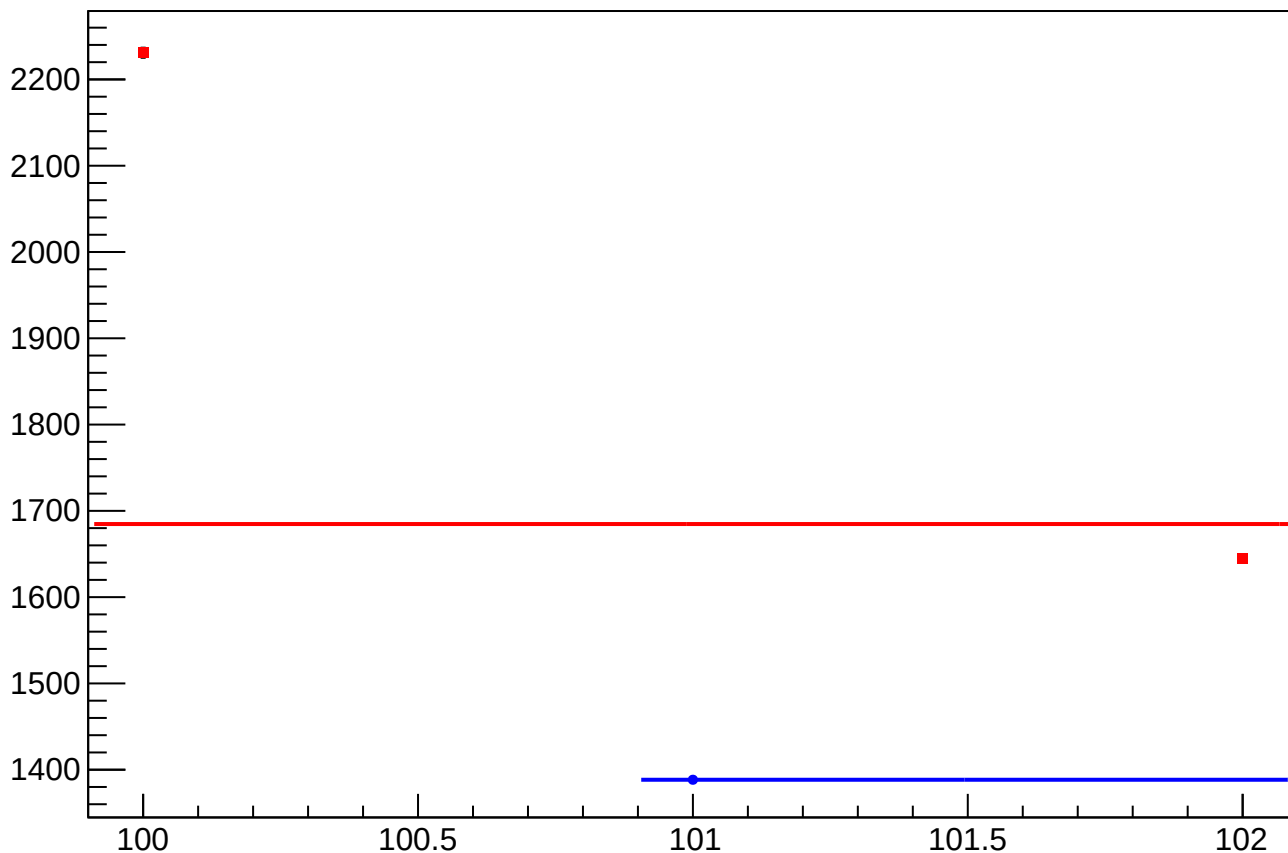
Right: -1108.832+/-1341.353 χ^2 /NDF: 1.6/2

In: -2070.192+/-1715.004 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1108.832+/-1341.353 χ^2 /NDF: 1.6/2

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1388.367 $\pm$ 1.213 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1684.730 $\pm$ 1.522 χ^2 /NDF: 9295.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

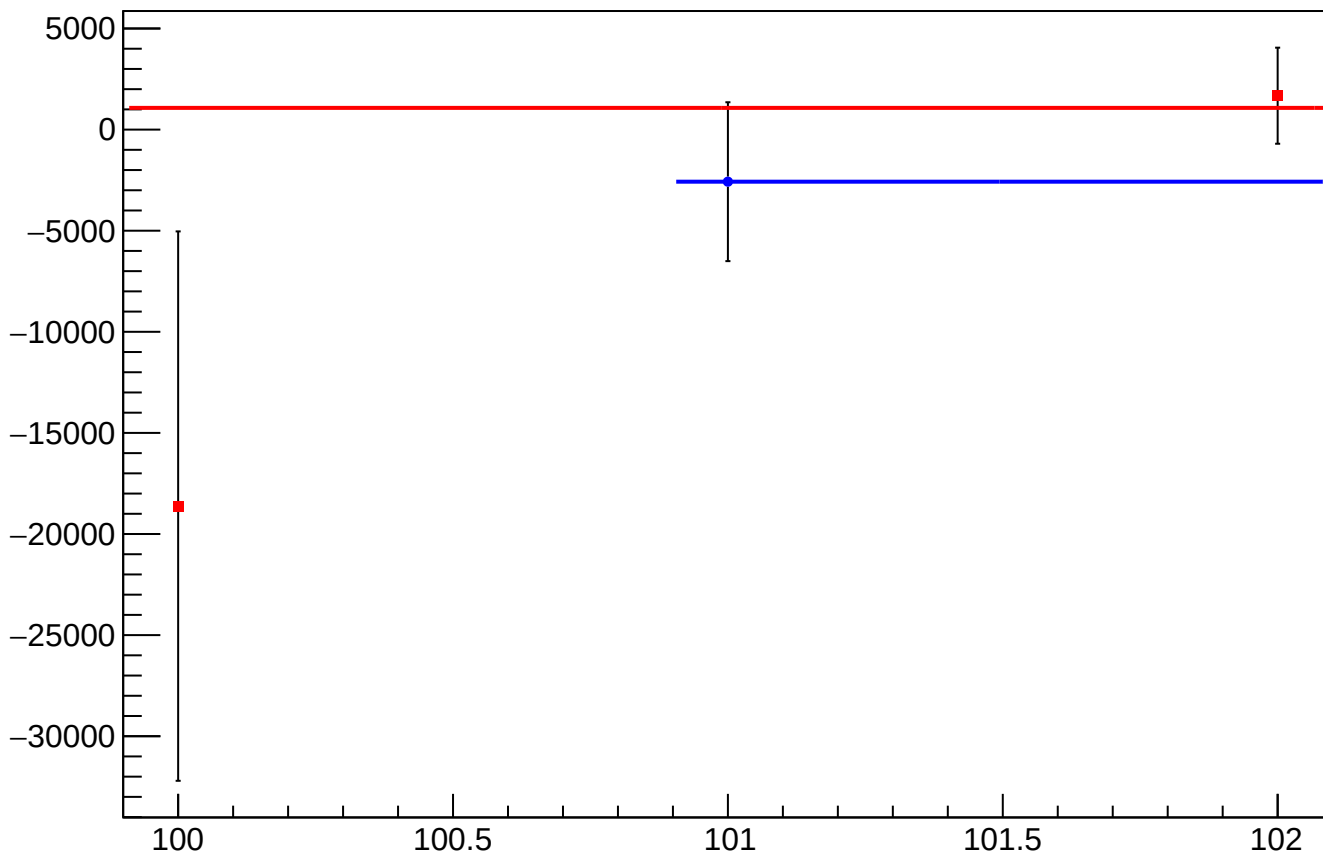
Right: 1503.438 $\pm$ 0.948 χ^2 /NDF: 32485.0/2

In: 1388.367 $\pm$ 1.213 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1503.438 $\pm$ 0.948 χ^2 /NDF: 32485.0/2

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -2575.603+/-3928.683 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1074.316+/-2340.051 χ^2/NDF : 2.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

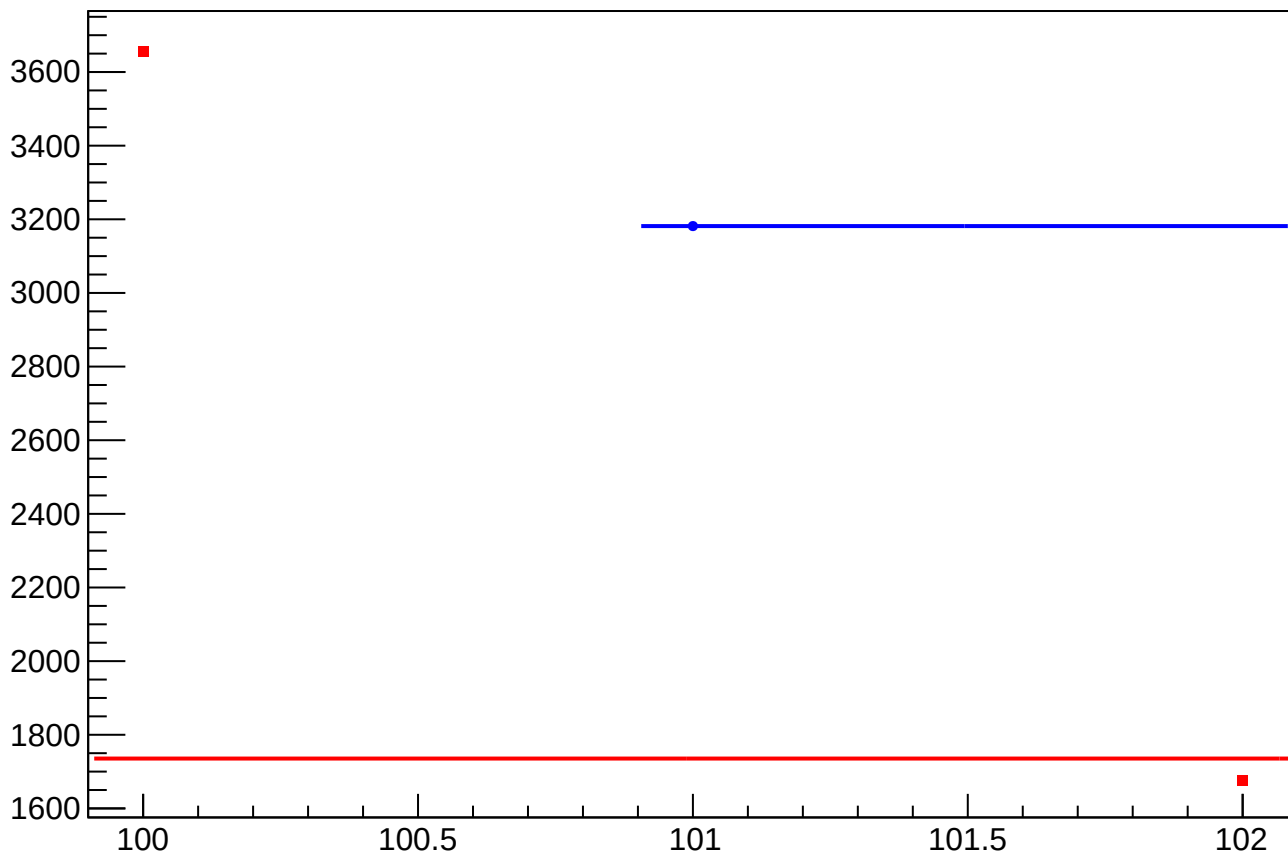
Right: 118.505+/-2010.440 χ^2/NDF : 2.8/2

In: -2575.603+/-3928.683 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.505+/-2010.440 χ^2/NDF : 2.8/2

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 3181.586 $\pm$ 2.778 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1735.430 $\pm$ 1.655 χ^2 /NDF: 41216.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

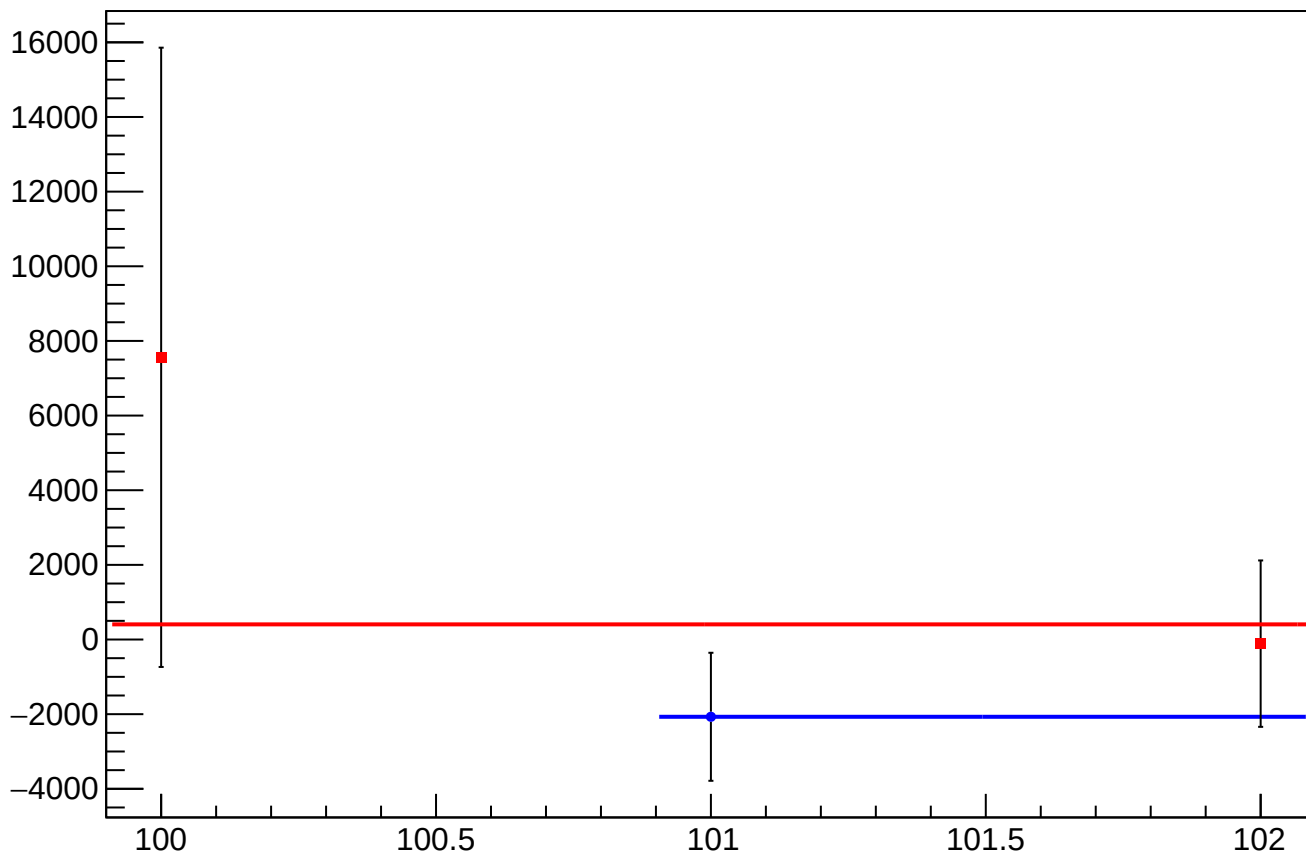
Right: 2114.133 $\pm$ 1.422 χ^2 /NDF: 241248.4/2

In: 3181.586 $\pm$ 2.778 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2114.133 $\pm$ 1.422 χ^2 /NDF: 241248.4/2

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -2070.192+/-1715.004 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 405.787+/-2152.651 χ^2 /NDF: 0.8/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

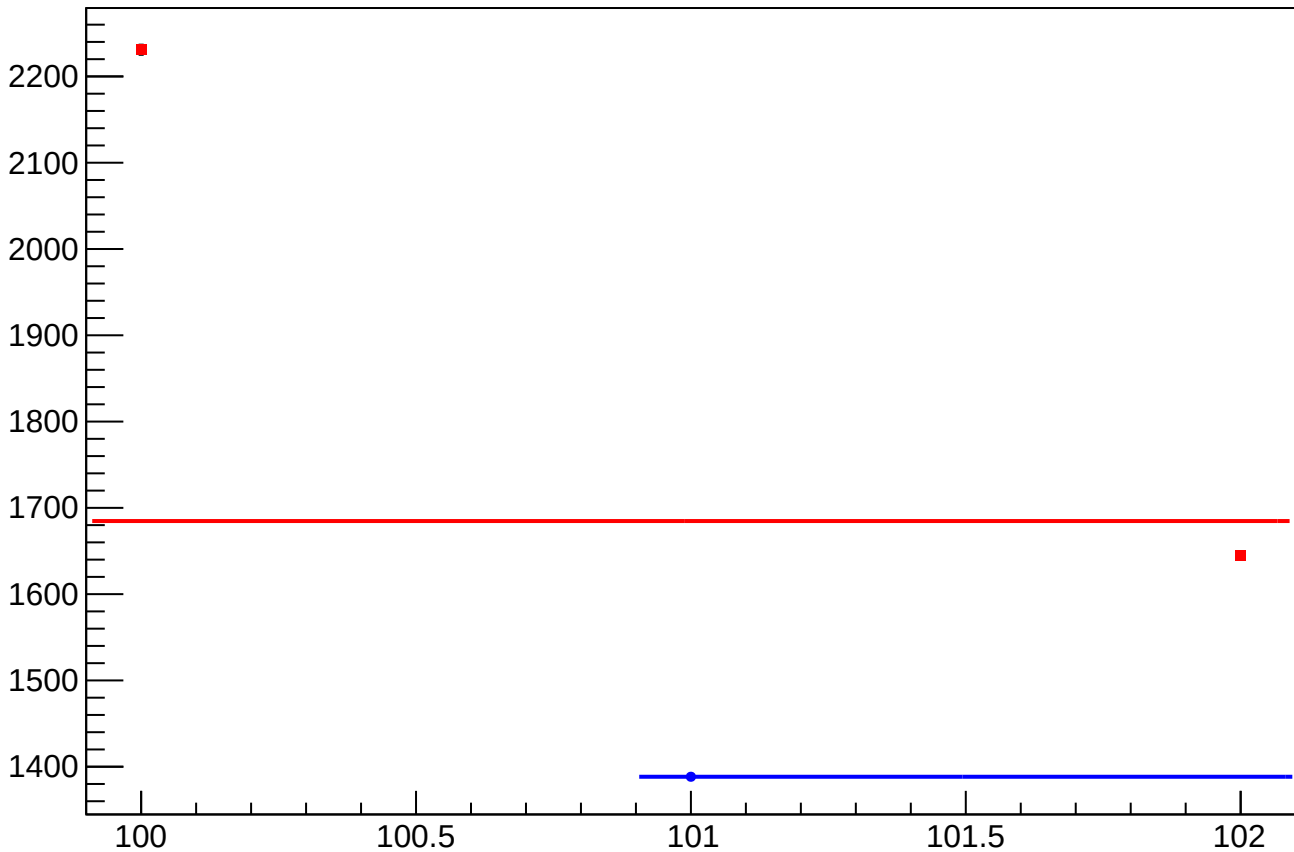
Right: -1108.832+/-1341.353 χ^2 /NDF: 1.6/2

In: -2070.192+/-1715.004 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1108.832+/-1341.353 χ^2 /NDF: 1.6/2

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1388.367 $\pm$ 1.213 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1684.730 $\pm$ 1.522 χ^2 /NDF: 9295.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

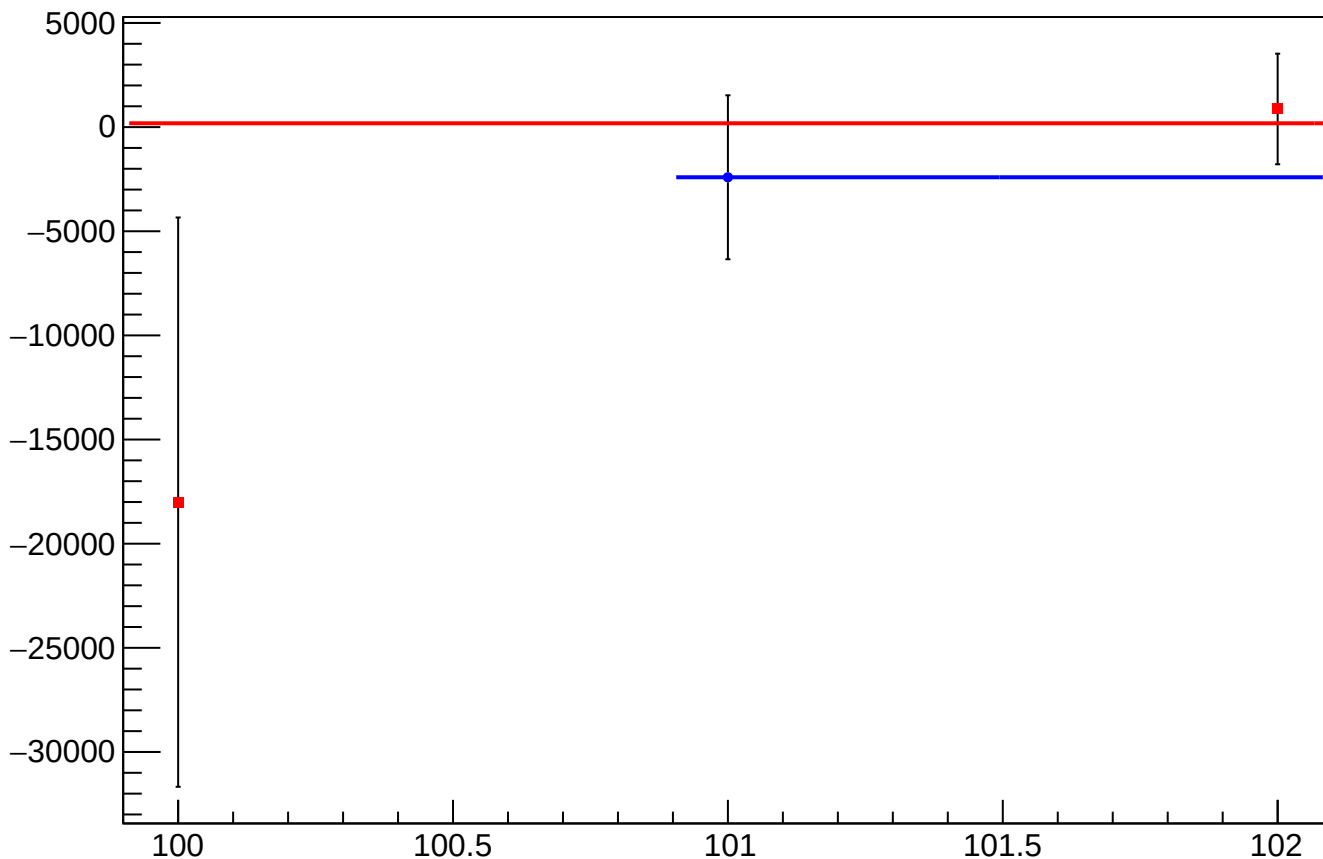
Right: 1503.438 $\pm$ 0.948 χ^2 /NDF: 32485.0/2

In: 1388.367 $\pm$ 1.213 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1503.438 $\pm$ 0.948 χ^2 /NDF: 32485.0/2

dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -2408.047+/-3936.217 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 183.900+/-2606.495 χ^2/NDF : 1.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

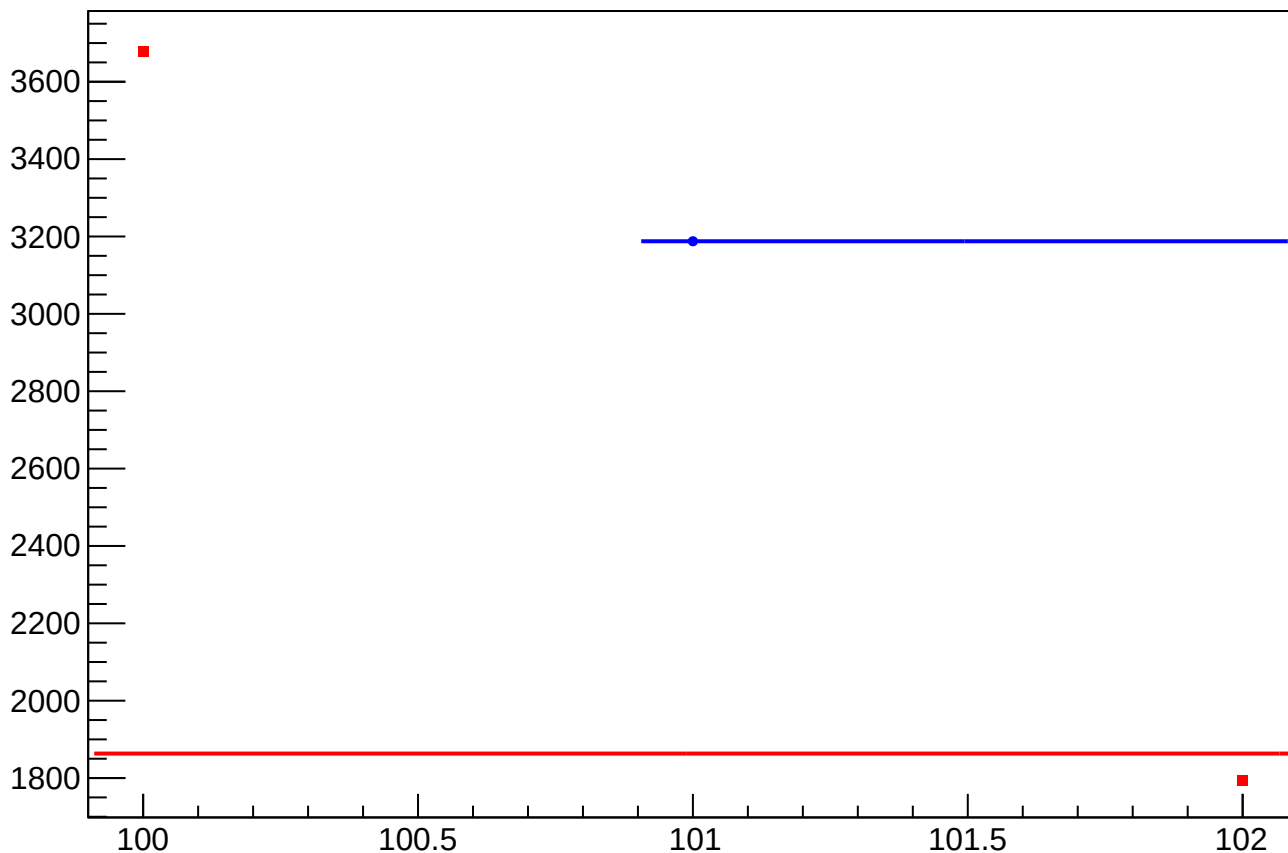
Right: -606.190+/-2173.222 χ^2/NDF : 2.1/2

In: -2408.047+/-3936.217 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -606.190+/-2173.222 χ^2/NDF : 2.1/2

dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 3187.676 $\pm$ 2.783 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1863.328 $\pm$ 1.843 χ^2 /NDF: 36611.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

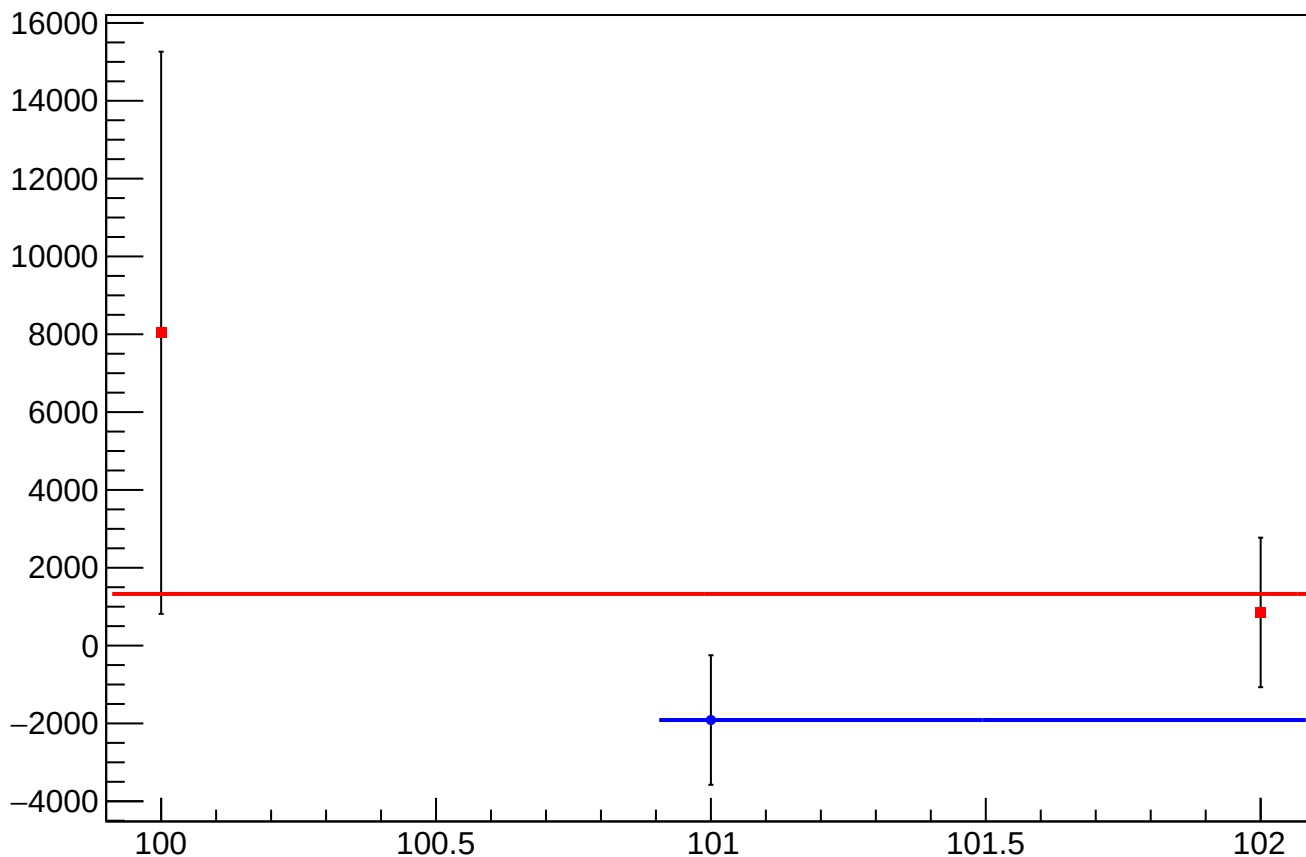
Right: 2267.017 $\pm$ 1.537 χ^2 /NDF: 194000.2/2

In: 3187.676 $\pm$ 2.783 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2267.017 $\pm$ 1.537 χ^2 /NDF: 194000.2/2

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1912.609+/-1664.531 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1326.946+/-1856.750 χ^2/NDF : 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

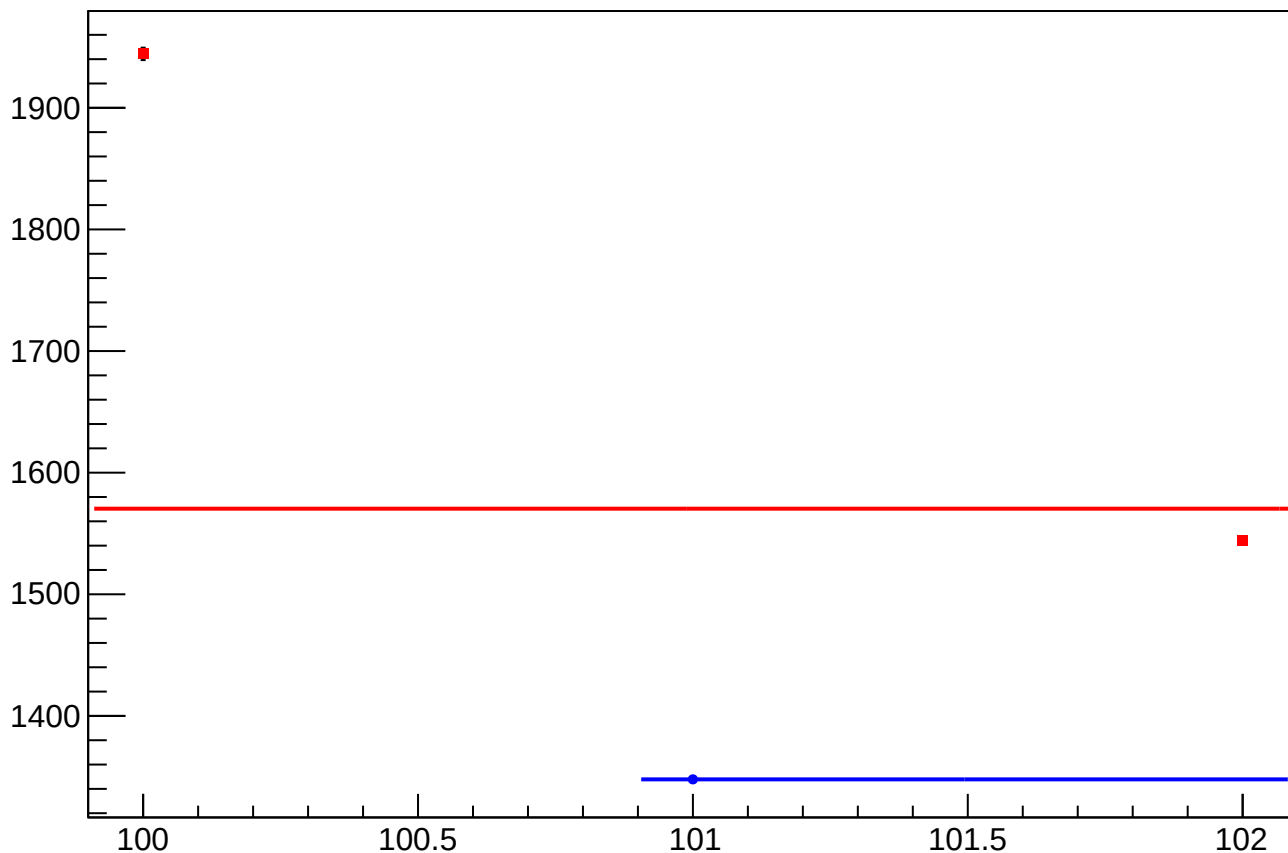
Right: -469.147+/-1239.406 χ^2/NDF : 2.6/2

In: -1912.609+/-1664.531 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -469.147+/-1239.406 χ^2/NDF : 2.6/2

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1347.822 $\pm$ 1.177 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1570.388 $\pm$ 1.313 χ^2 /NDF: 5738.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

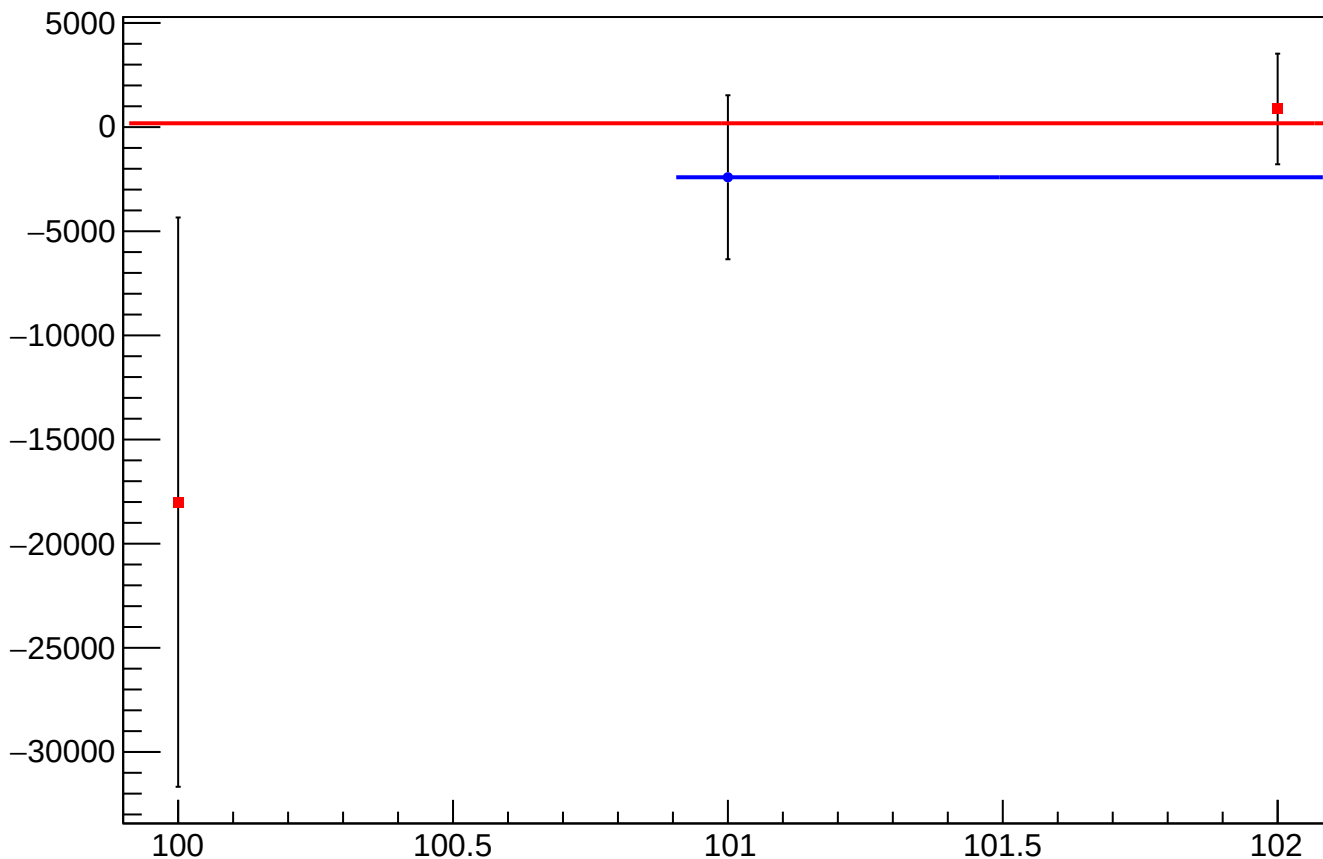
Right: 1446.991 $\pm$ 0.876 χ^2 /NDF: 21671.4/2

In: 1347.822 $\pm$ 1.177 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1446.991 $\pm$ 0.876 χ^2 /NDF: 21671.4/2

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -2408.031+/-3936.217 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 183.892+/-2606.495 χ^2 /NDF: 1.8/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

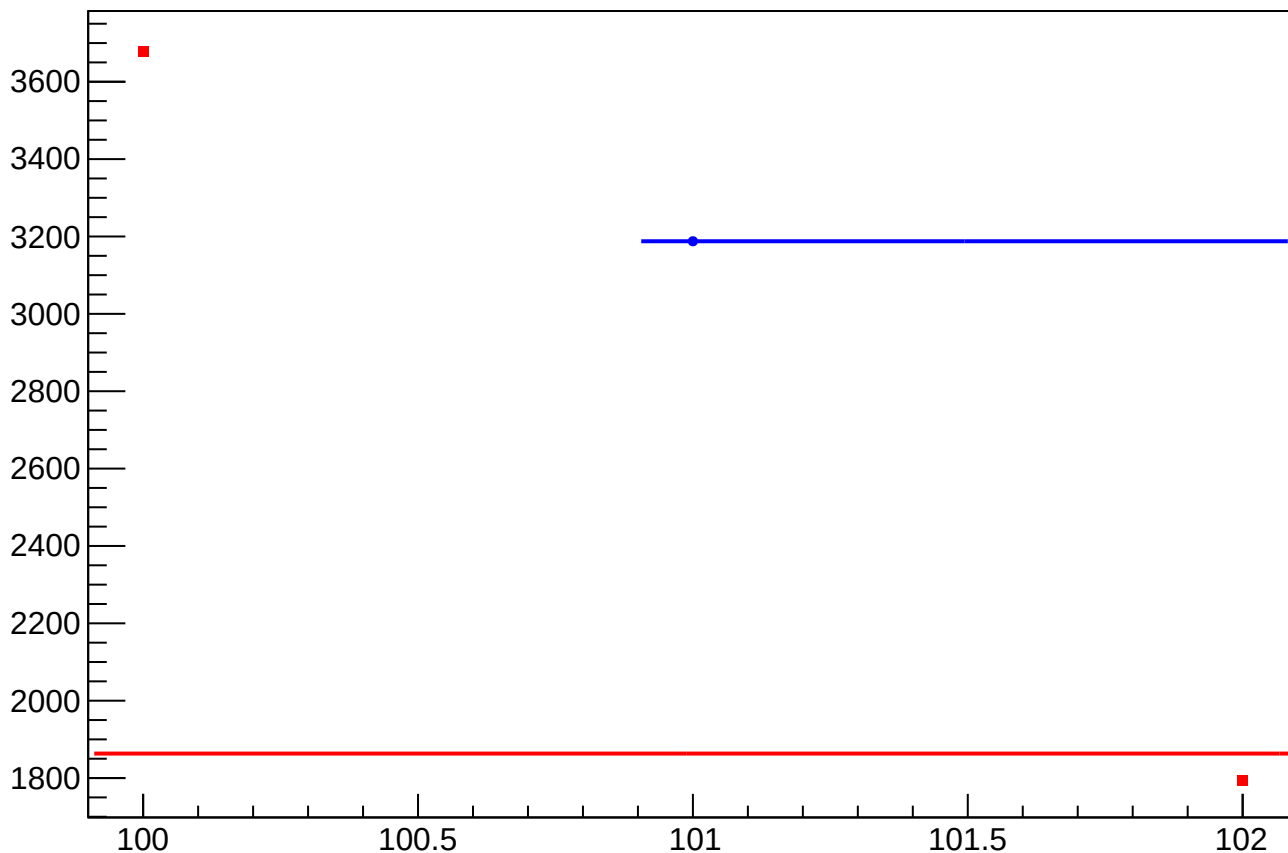
Right: -606.190+/-2173.222 χ^2 /NDF: 2.1/2

In: -2408.031+/-3936.217 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -606.190+/-2173.222 χ^2 /NDF: 2.1/2

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 3187.676 $\pm$ 2.783 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1863.329 $\pm$ 1.843 χ^2 /NDF: 36611.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

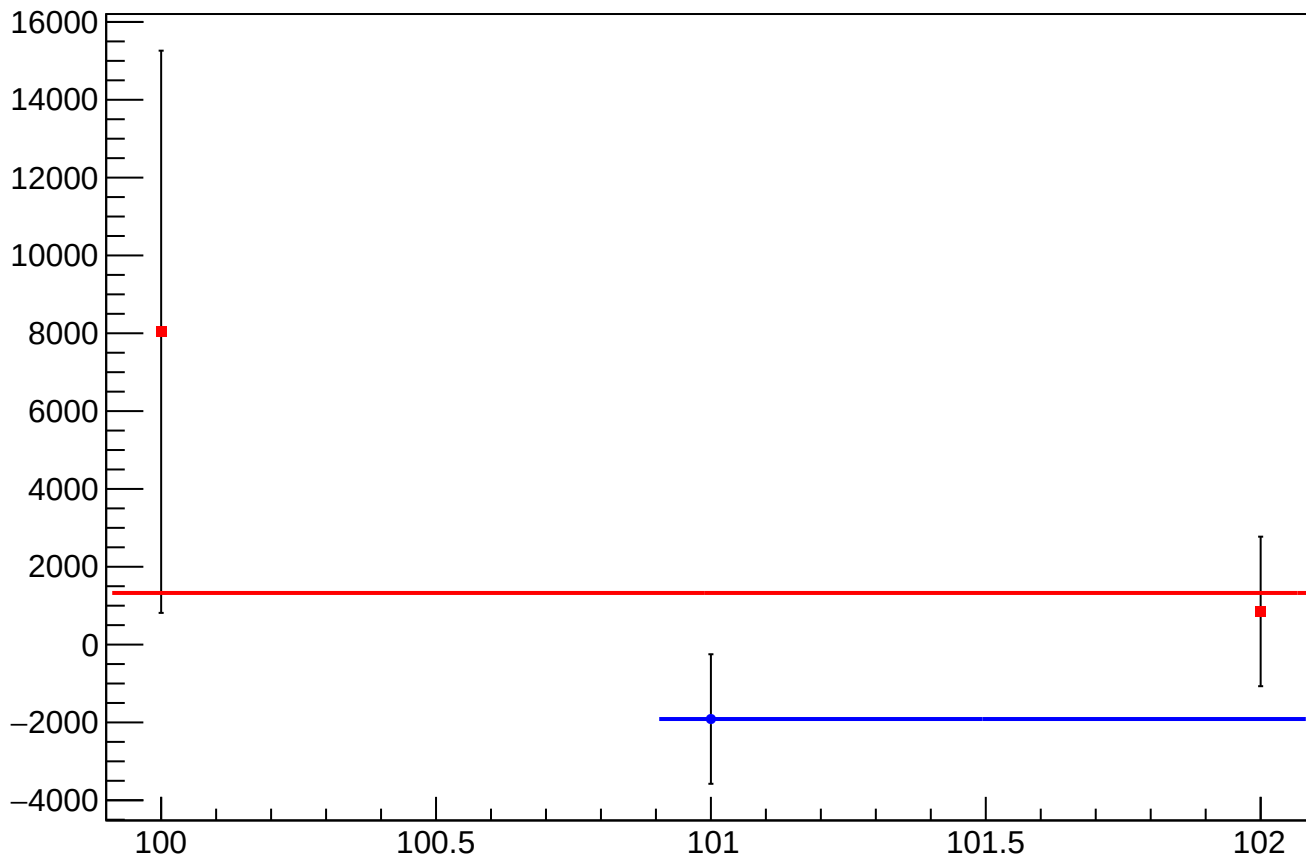
Right: 2267.018 $\pm$ 1.537 χ^2 /NDF: 194000.1/2

In: 3187.676 $\pm$ 2.783 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2267.018 $\pm$ 1.537 χ^2 /NDF: 194000.1/2

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1912.593+/-1664.526 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1326.947+/-1856.751 χ^2/NDF : 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

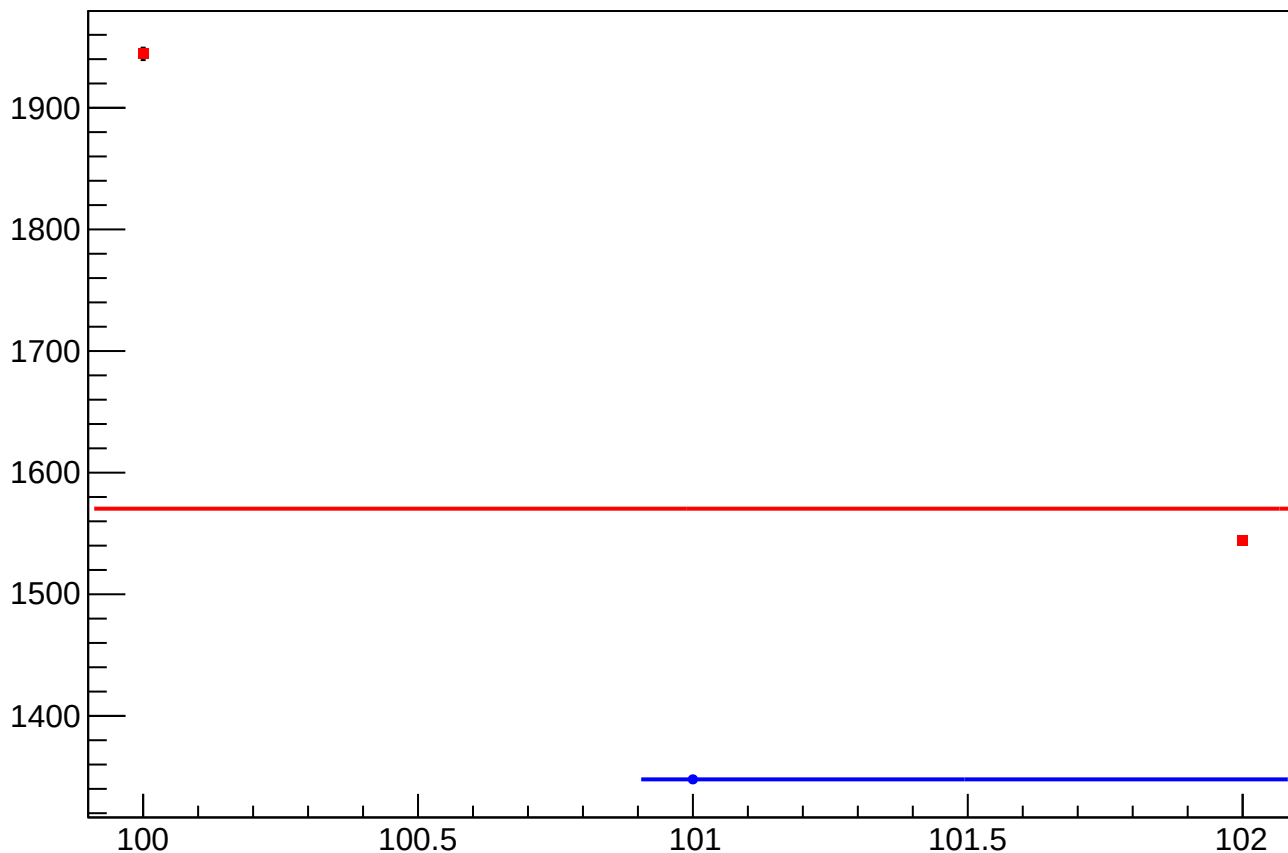
Right: -469.142+/-1239.404 χ^2/NDF : 2.6/2

In: -1912.593+/-1664.526 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -469.142+/-1239.404 χ^2/NDF : 2.6/2

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1347.818 $\pm$ 1.177 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1570.388 $\pm$ 1.313 χ^2 /NDF: 5738.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

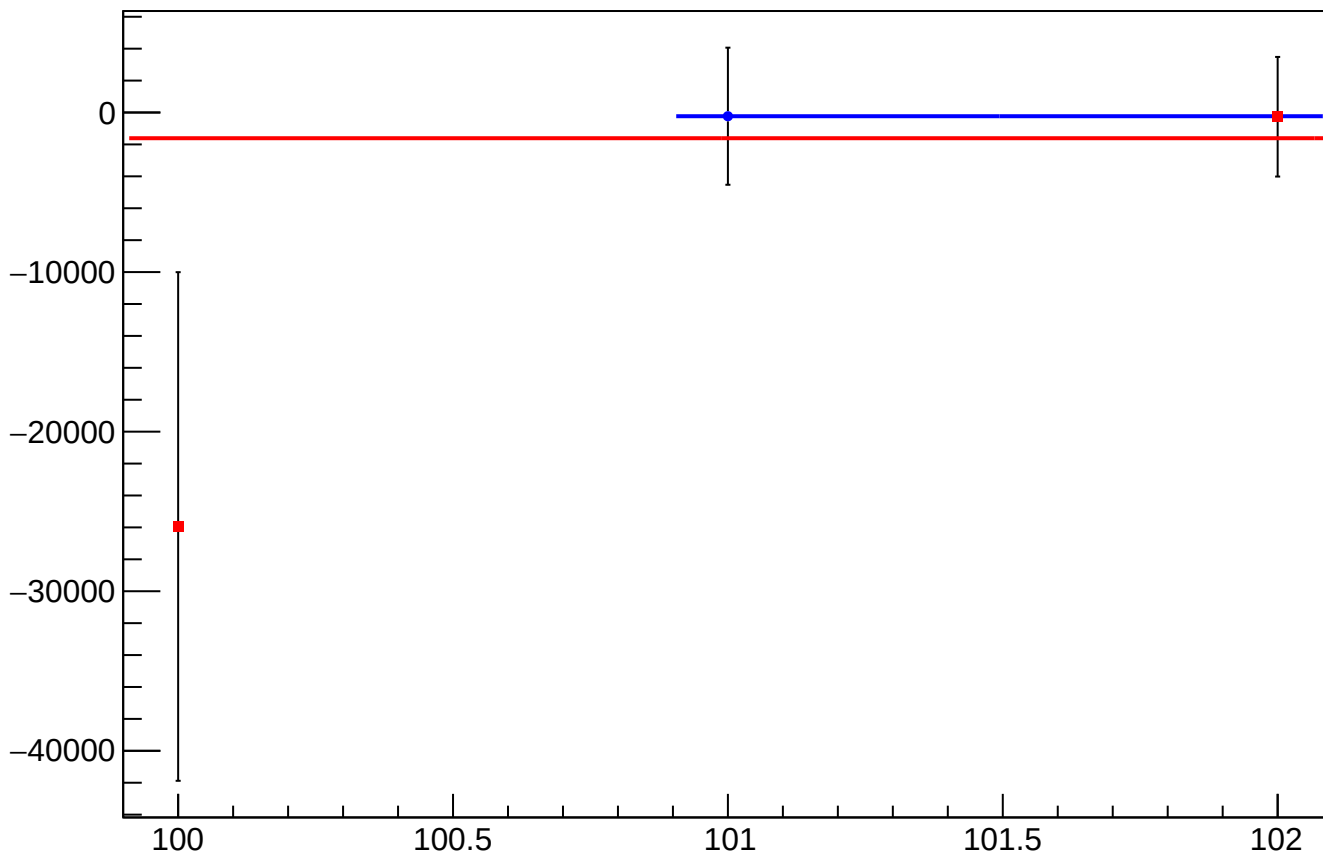
Right: 1446.989 $\pm$ 0.876 χ^2 /NDF: 21671.9/2

In: 1347.818 $\pm$ 1.177 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1446.989 $\pm$ 0.876 χ^2 /NDF: 21671.9/2

asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -232.899+/-4295.530 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1611.541+/-3648.690 χ^2/NDF : 2.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

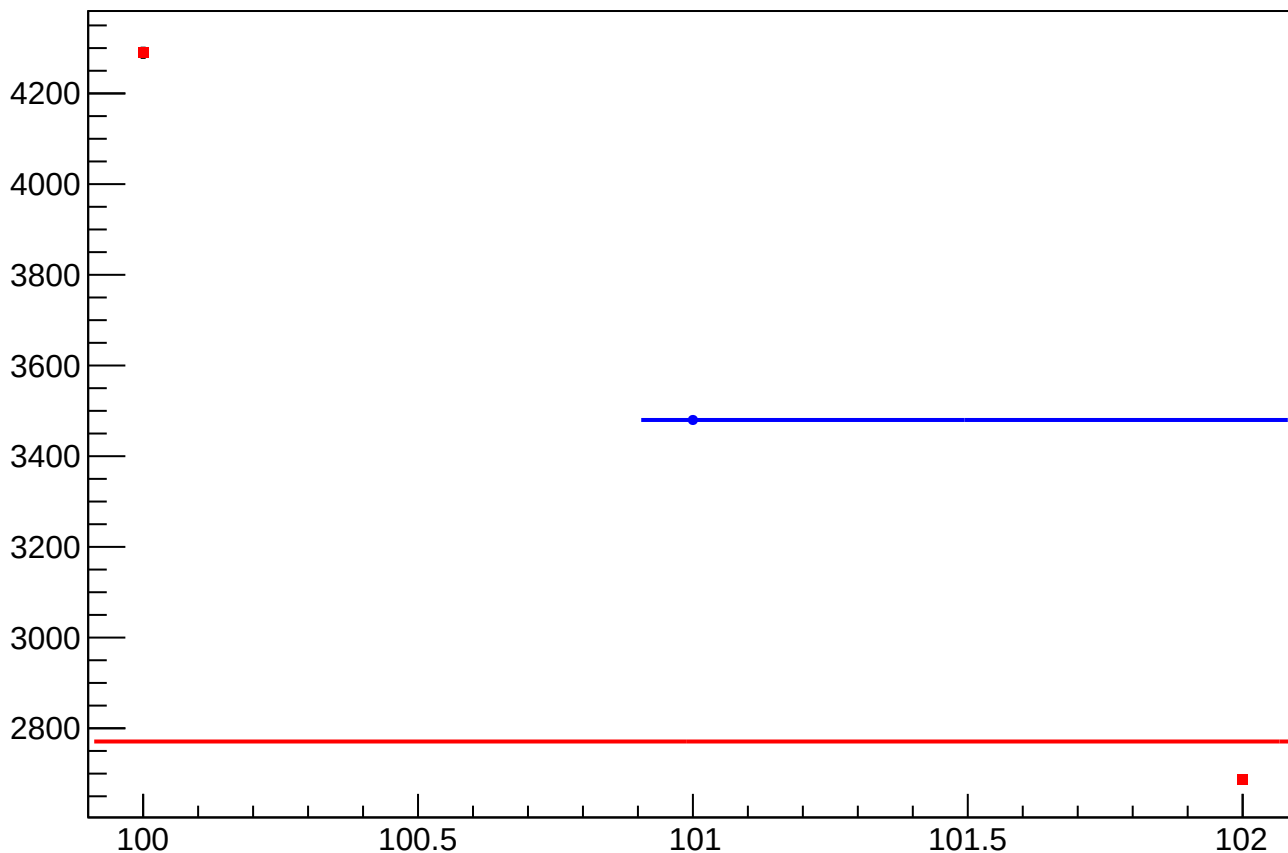
Right: -1033.734+/-2780.882 χ^2/NDF : 2.5/2

In: -232.899+/-4295.530 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1033.734+/-2780.882 χ^2/NDF : 2.5/2

asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 3479.882 $\pm$ 3.037 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2770.825 $\pm$ 2.580 χ^2 /NDF: 19170.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

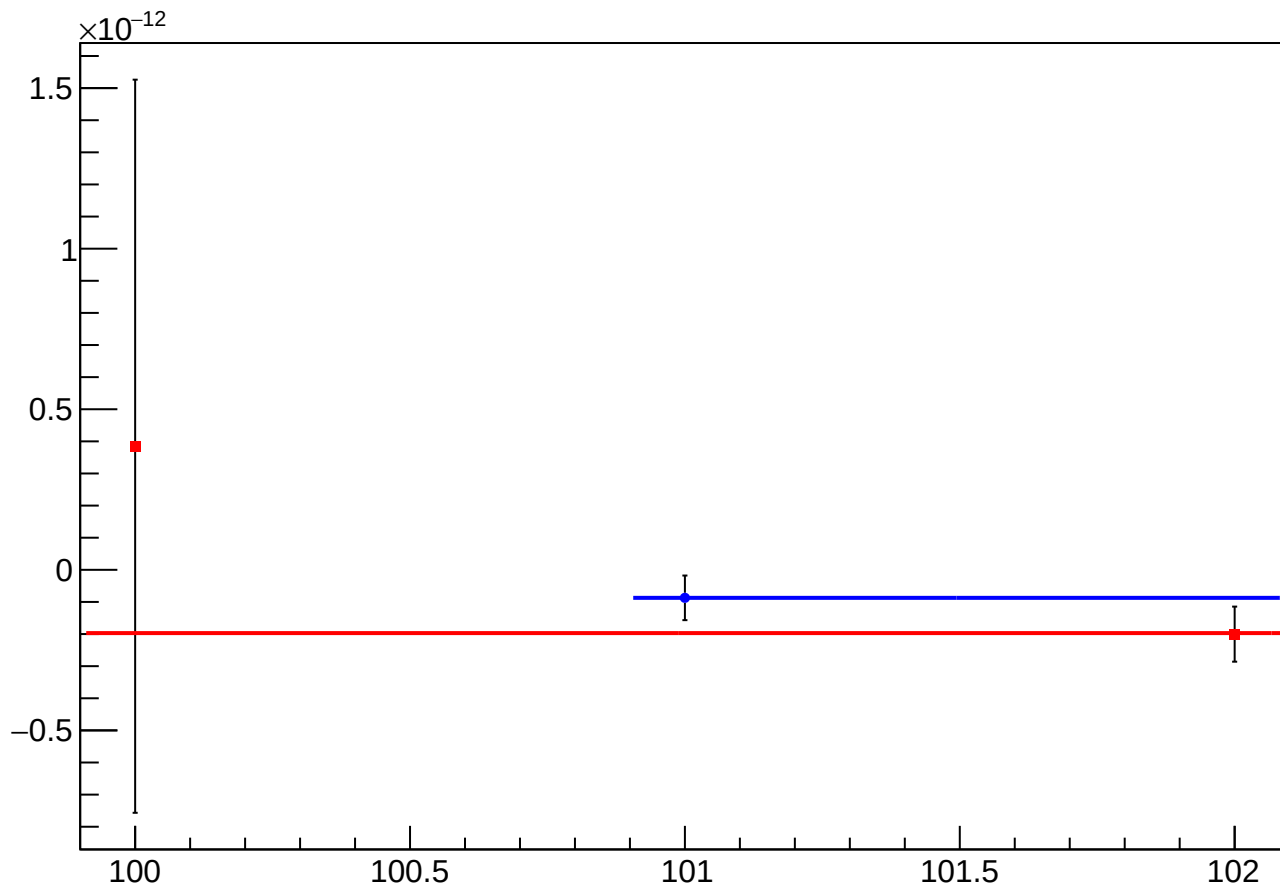
Right: 3067.994 $\pm$ 1.966 χ^2 /NDF: 50826.2/2

In: 3479.882 $\pm$ 3.037 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3067.994 $\pm$ 1.966 χ^2 /NDF: 50826.2/2

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_cor_diff_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 : 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

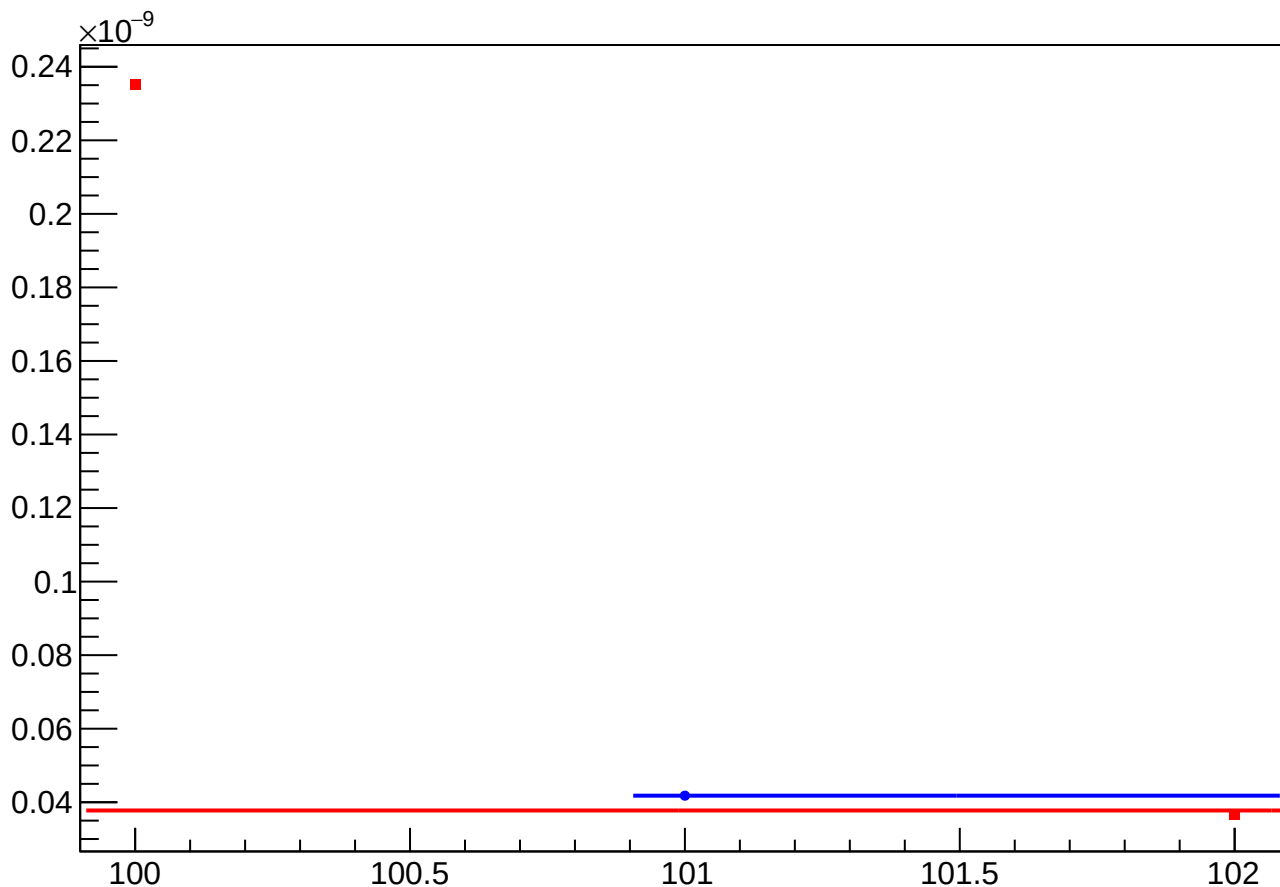
Right: -0.000+/-0.000 χ^2/NDF : 1.3/2

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 : 1.3/2

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_cor_diff_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 : 60144.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

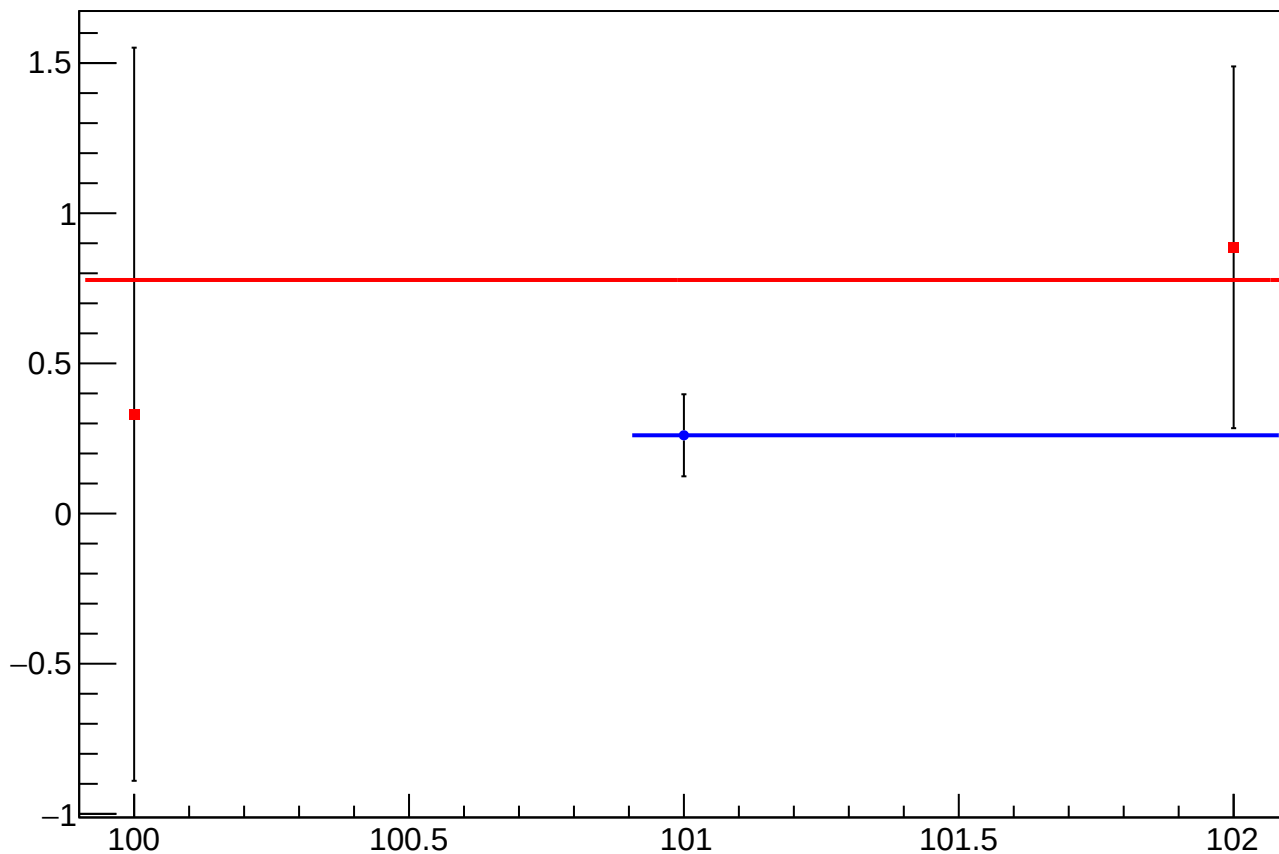
Right: 0.000+/-0.000 χ^2/NDF : 62818.7/2

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 : 62818.7/2

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.261 $\pm$ 0.137 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.778 $\pm$ 0.540 χ^2 /NDF: 0.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

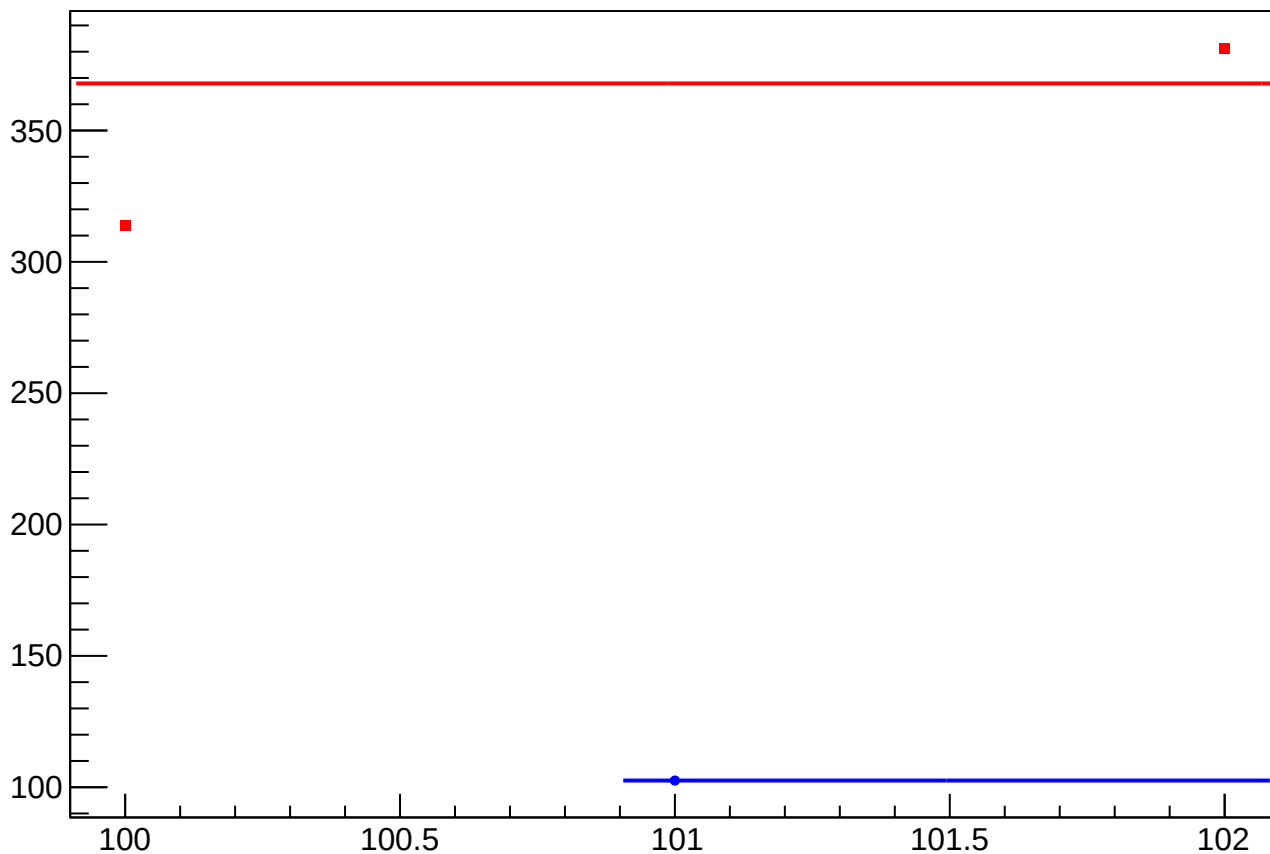
Right: 0.292 $\pm$ 0.132 χ^2 /NDF: 1.0/2

In: 0.261 $\pm$ 0.137 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.292 $\pm$ 0.132 χ^2 /NDF: 1.0/2

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_slug, Sign Corrected



Right In: 102.545 $\pm$ 0.097 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 367.919 $\pm$ 0.382 χ^2 /NDF: 4899.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

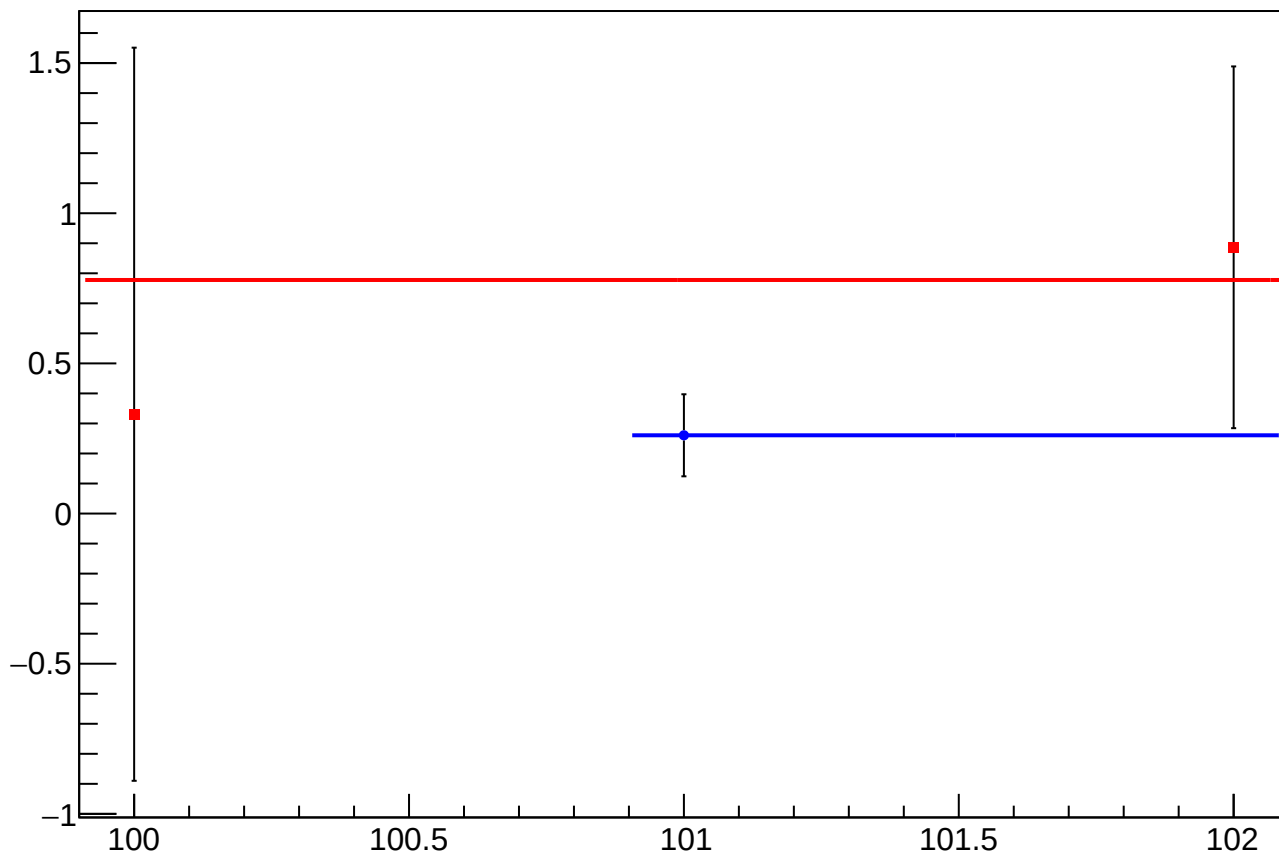
Right: 118.499 $\pm$ 0.094 χ^2 /NDF: 458701.6/2

In: 102.545 $\pm$ 0.097 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 118.499 $\pm$ 0.094 χ^2 /NDF: 458701.6/2

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.261+/-0.137 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.778+/-0.540 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

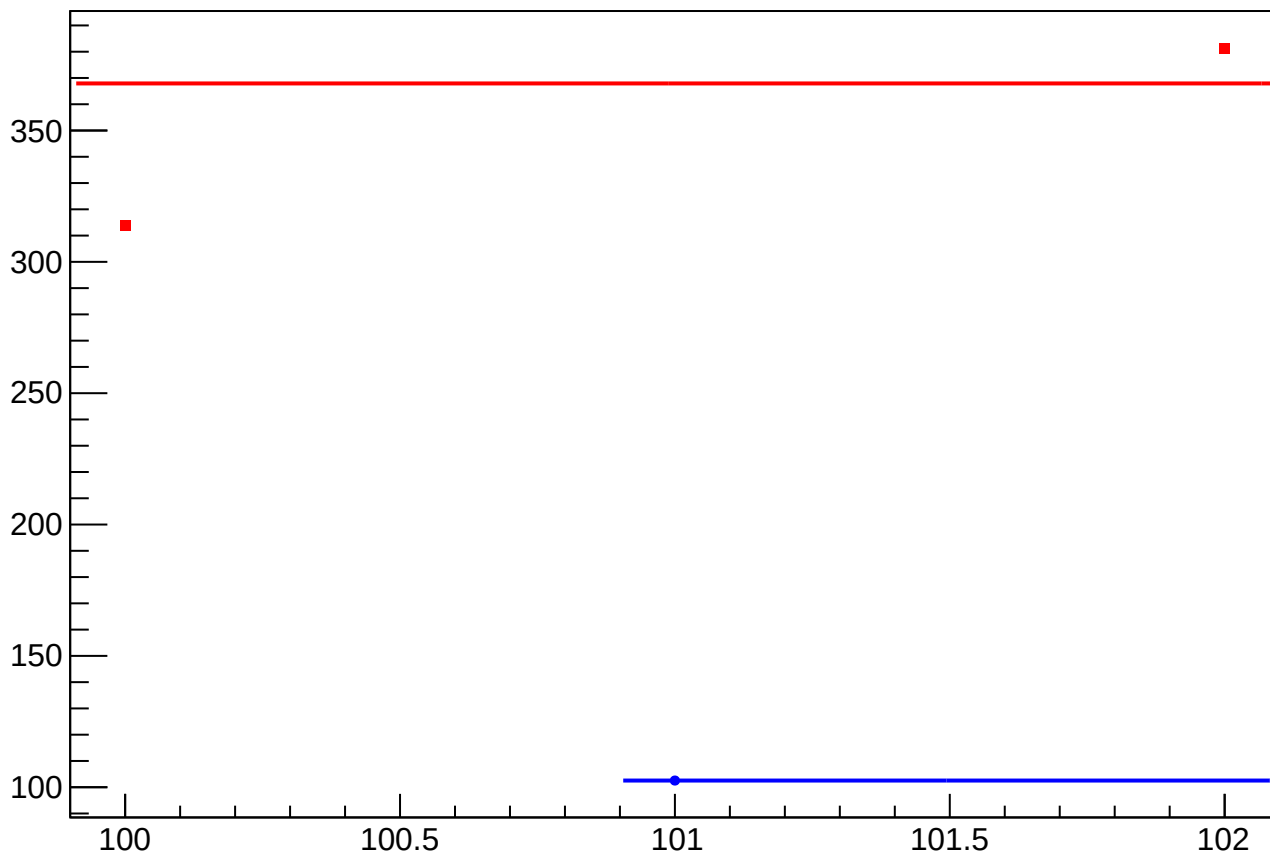
Right: 0.292+/-0.132 χ^2/NDF : 1.0/2

In: 0.261+/-0.137 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.292+/-0.132 χ^2/NDF : 1.0/2

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 102.545 $\pm$ 0.097 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 367.919 $\pm$ 0.382 χ^2 /NDF: 4899.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

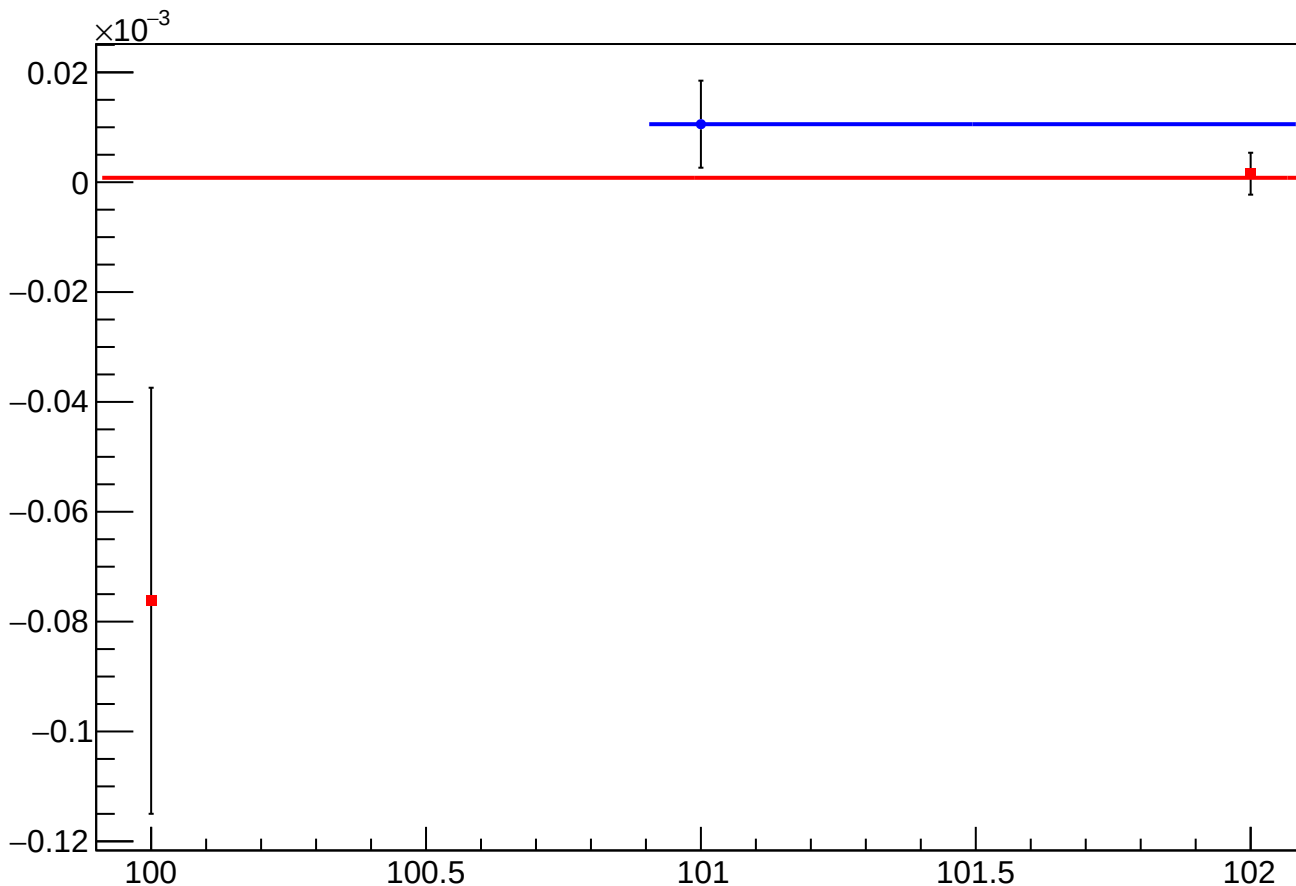
Right: 118.499 $\pm$ 0.094 χ^2 /NDF: 458701.6/2

In: 102.545 $\pm$ 0.097 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 118.499 $\pm$ 0.094 χ^2 /NDF: 458701.6/2

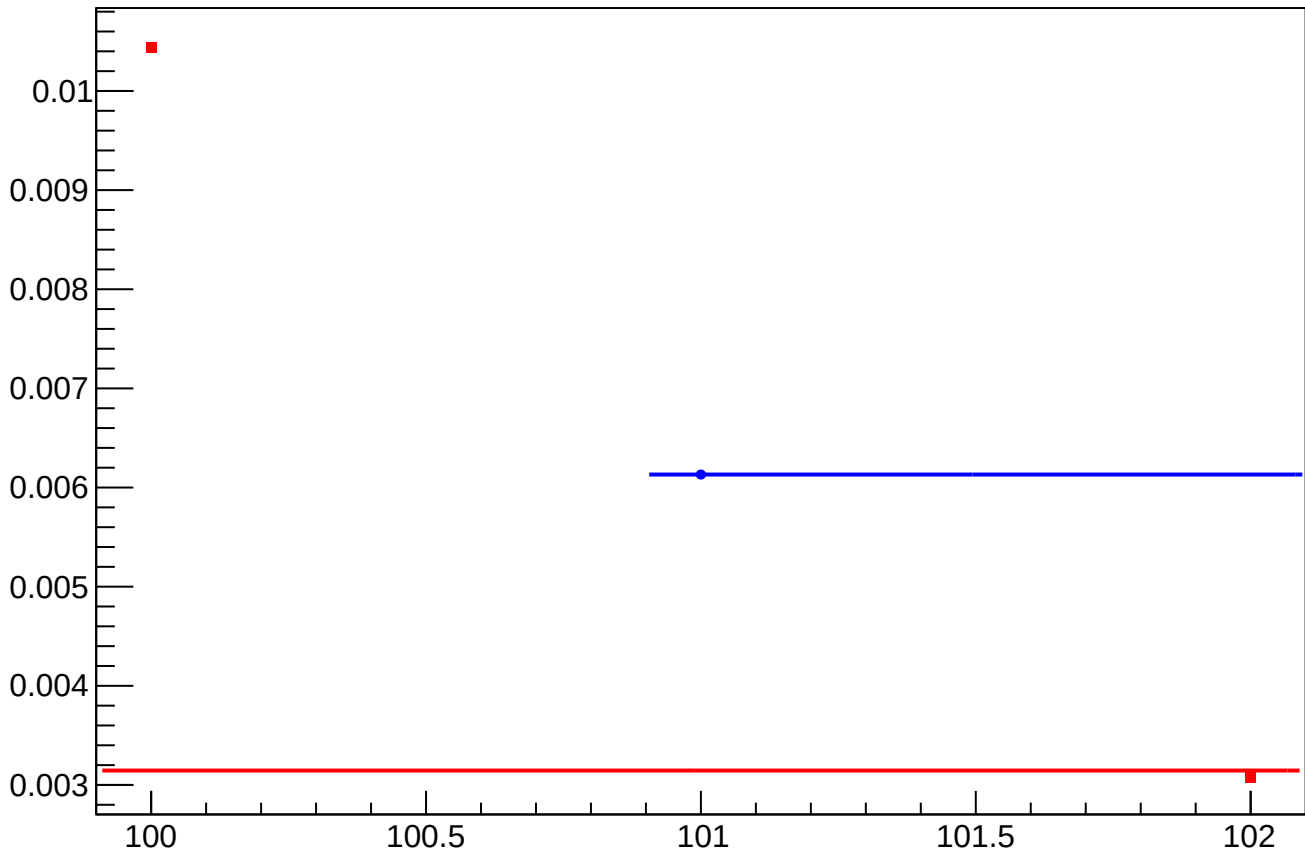
asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 4.0/1
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 5.2/2
 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 : 5.2/2

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 71423.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

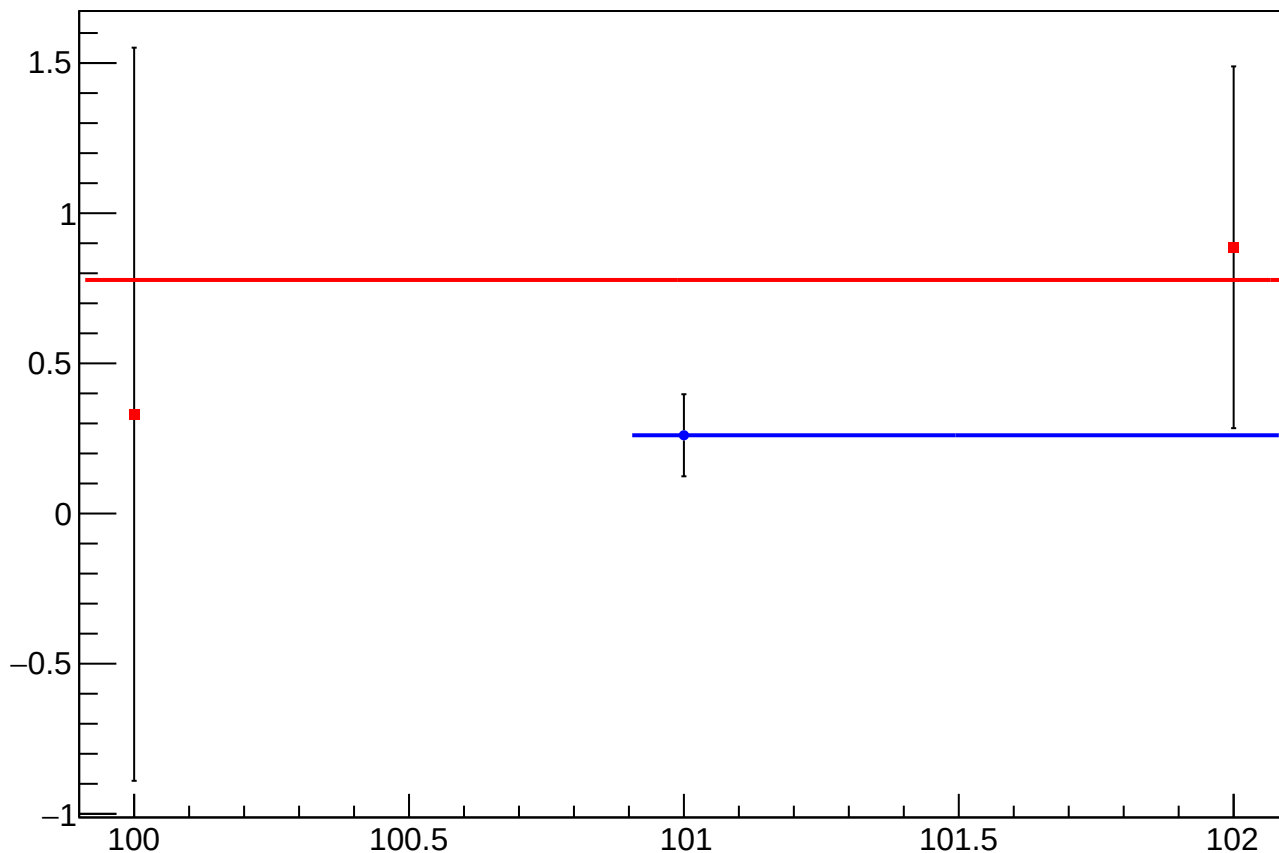
Right: 0.004+/-0.000 χ^2/NDF : 302362.1/2

In: 0.006+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 302362.1/2

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.261 $\pm$ 0.137 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.778 $\pm$ 0.540 χ^2 /NDF: 0.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

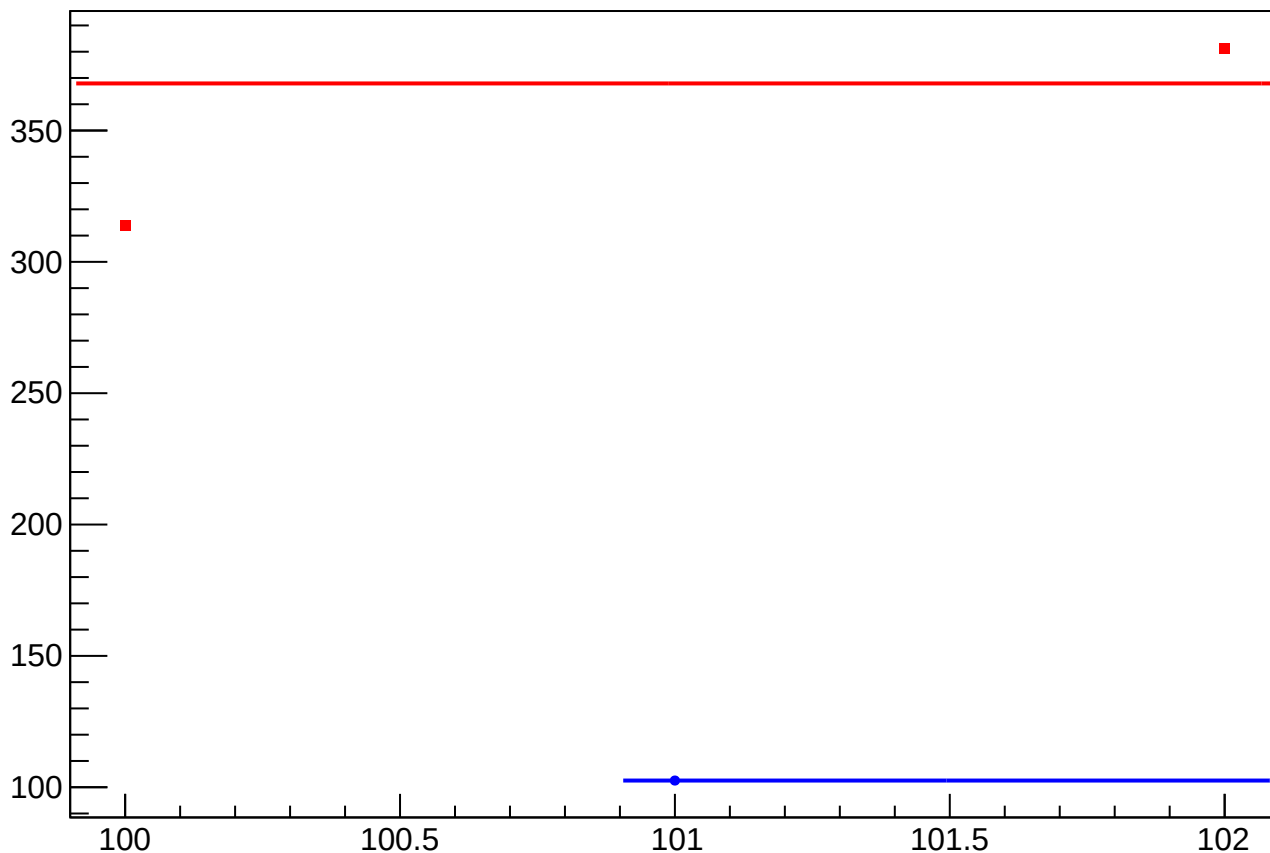
Right: 0.292 $\pm$ 0.132 χ^2 /NDF: 1.0/2

In: 0.261 $\pm$ 0.137 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.292 $\pm$ 0.132 χ^2 /NDF: 1.0/2

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 102.546 $\pm$ 0.097 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 367.922 $\pm$ 0.382 χ^2 /NDF: 4898.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

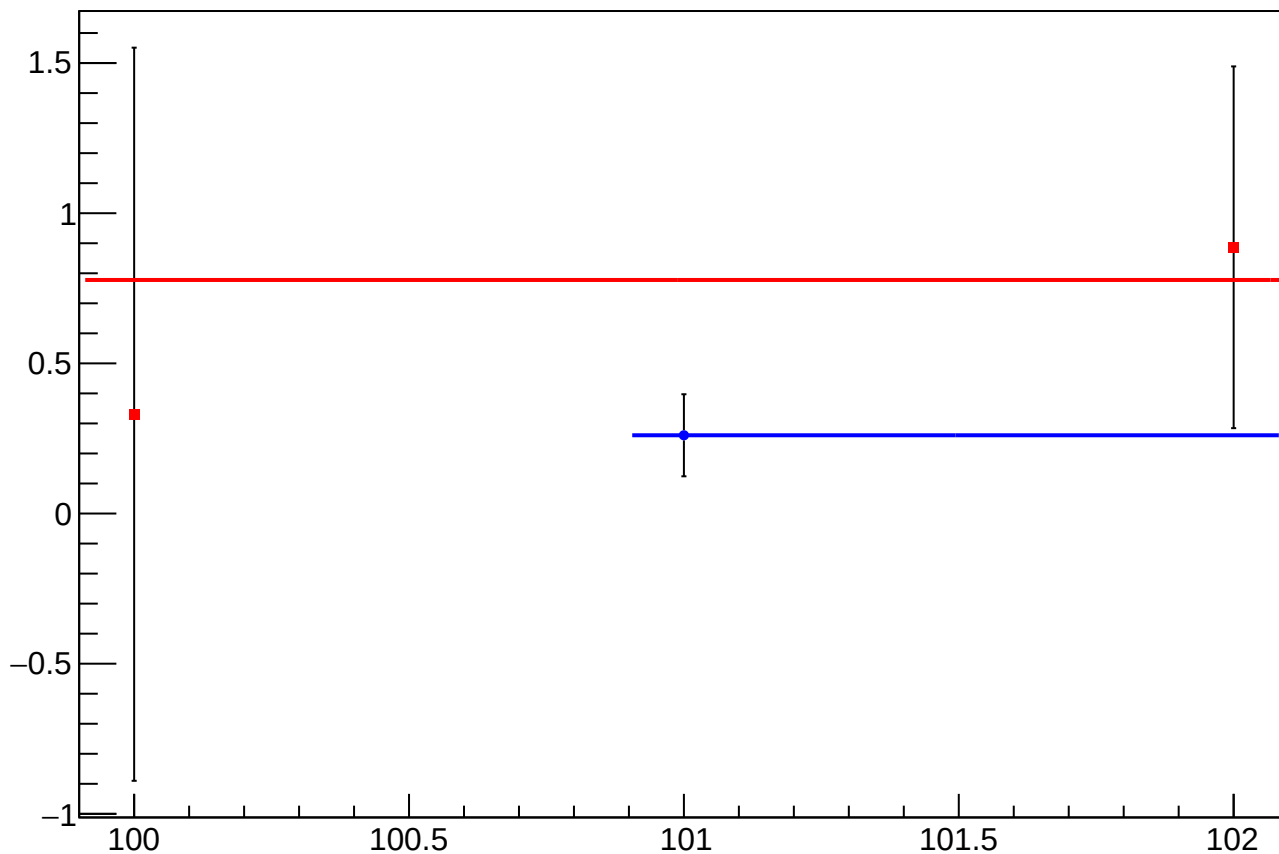
Right: 118.501 $\pm$ 0.094 χ^2 /NDF: 458699.5/2

In: 102.546 $\pm$ 0.097 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 118.501 $\pm$ 0.094 χ^2 /NDF: 458699.5/2

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.261 $\pm$ 0.137 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.778 $\pm$ 0.540 χ^2 /NDF: 0.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

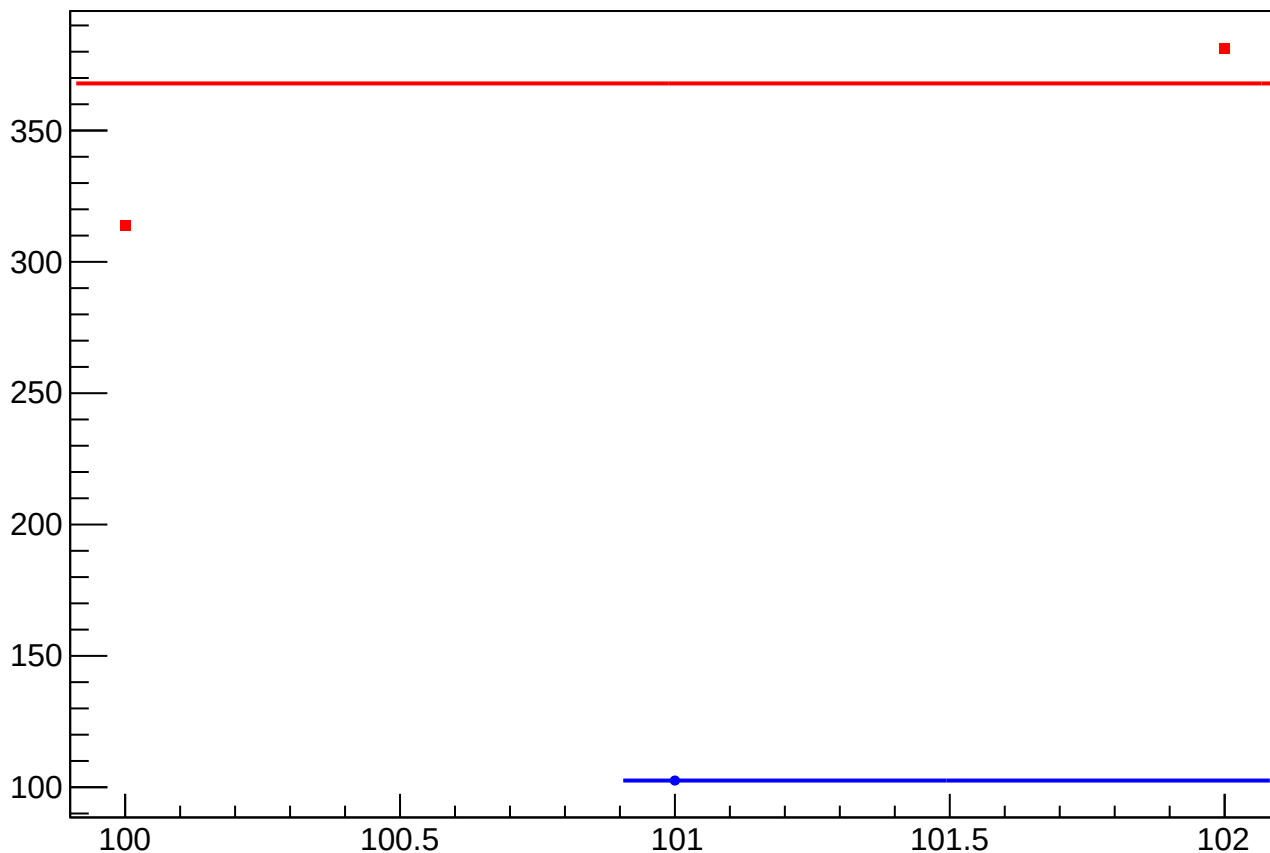
Right: 0.292 $\pm$ 0.132 χ^2 /NDF: 1.0/2

In: 0.261 $\pm$ 0.137 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.292 $\pm$ 0.132 χ^2 /NDF: 1.0/2

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 102.546 $\pm$ 0.097 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 367.922 $\pm$ 0.382 χ^2 /NDF: 4898.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

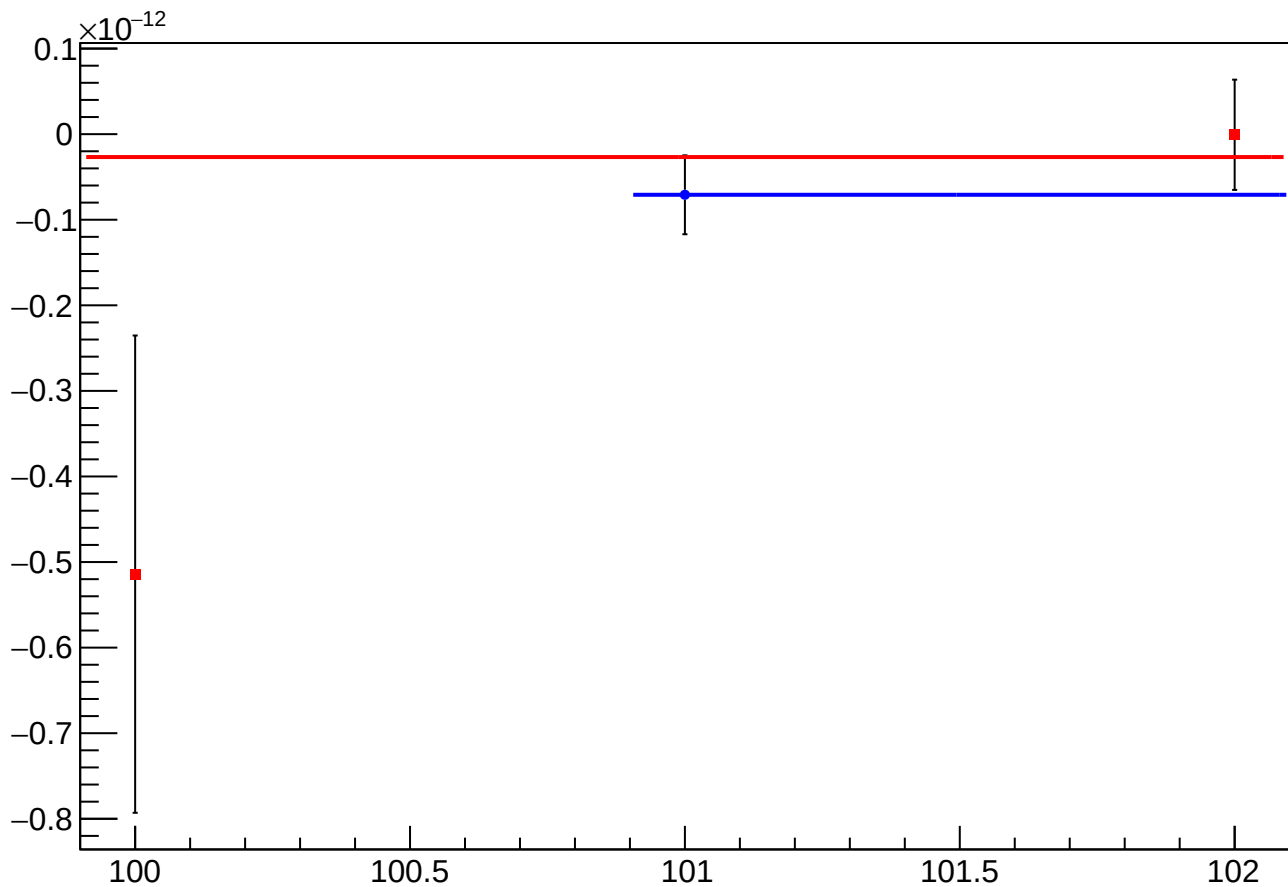
Right: 118.501 $\pm$ 0.094 χ^2 /NDF: 458699.5/2

In: 102.546 $\pm$ 0.097 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 118.501 $\pm$ 0.094 χ^2 /NDF: 458699.5/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

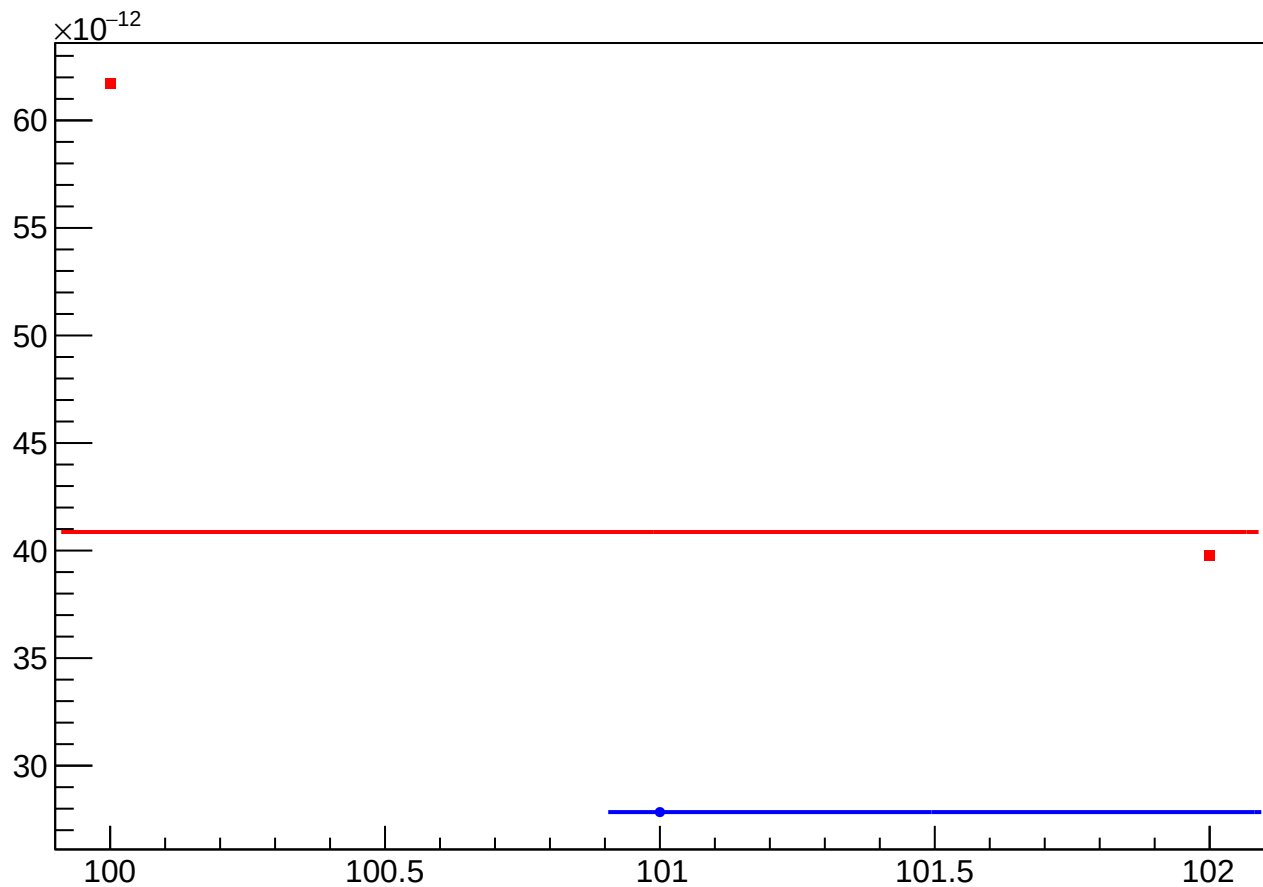
Right: -0.000+/-0.000 χ^2/NDF : 3.5/2

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 : 3.5/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11758.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

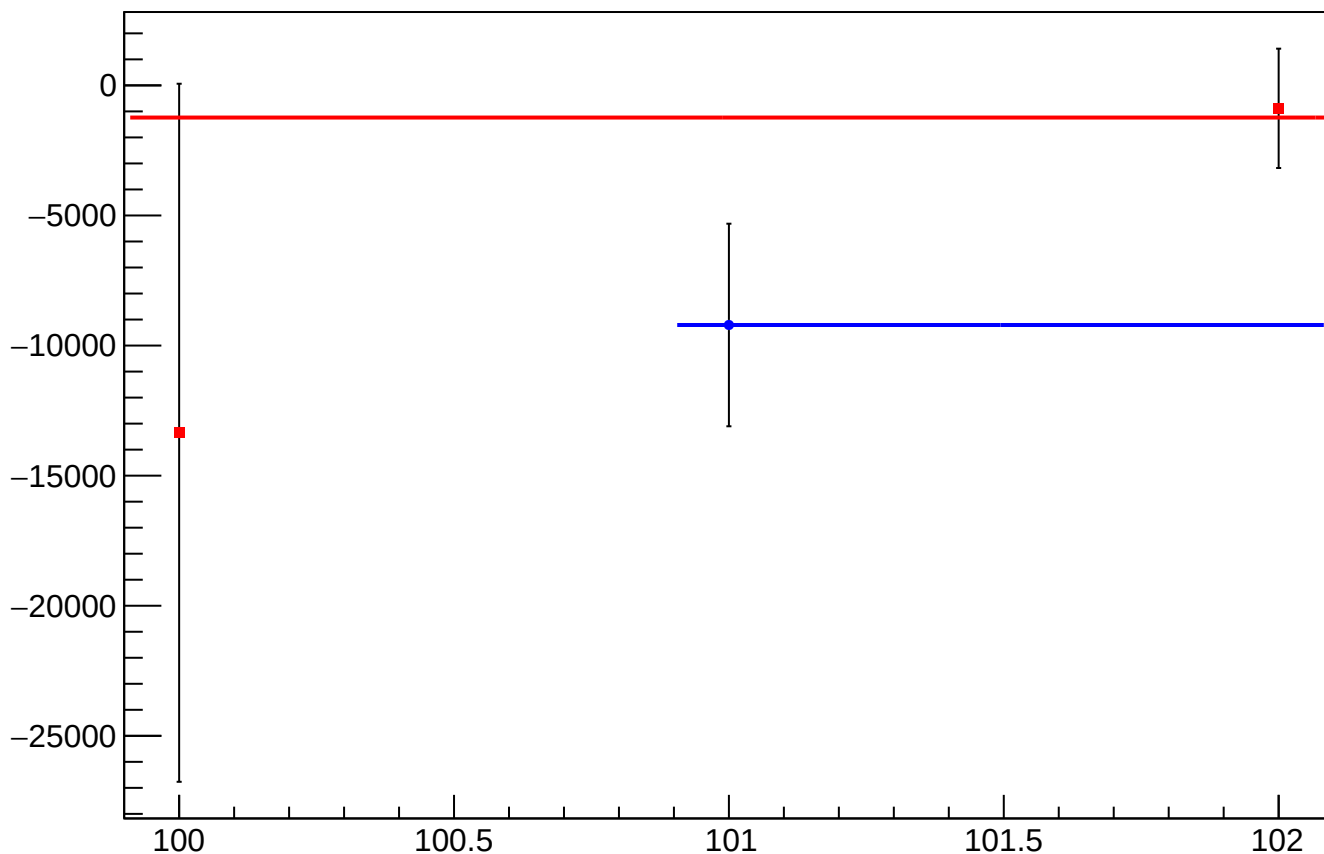
Right: 0.000+/-0.000 χ^2/NDF : 67675.7/2

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 : 67675.7/2

reg_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: -9209.362+/-3893.119 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1236.148+/-2260.471 χ^2/NDF : 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

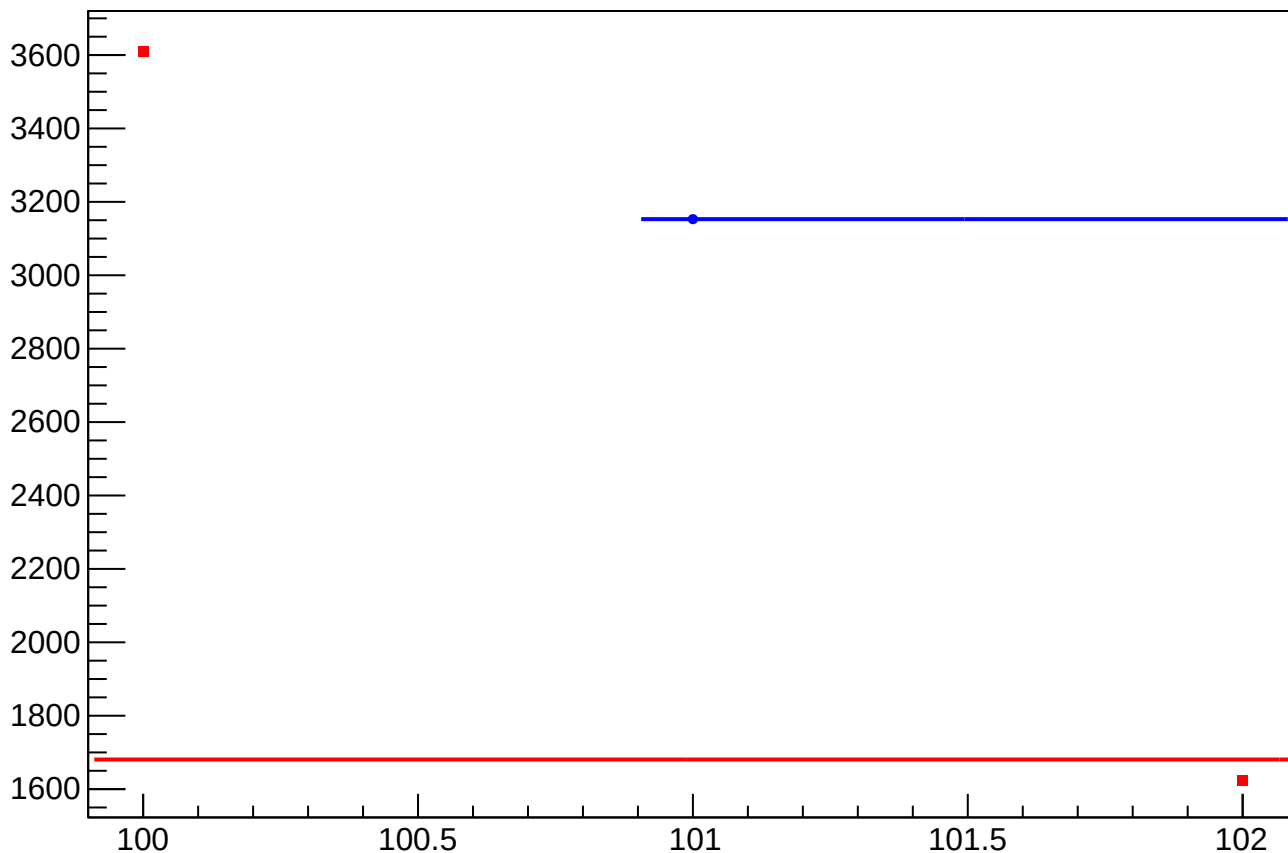
Right: -3246.448+/-1954.841 χ^2/NDF : 4.0/2

In: -9209.362+/-3893.119 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3246.448+/-1954.841 χ^2/NDF : 4.0/2

reg_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 3152.882 $\pm$ 2.753 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1680.718 $\pm$ 1.598 χ^2 /NDF: 42600.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

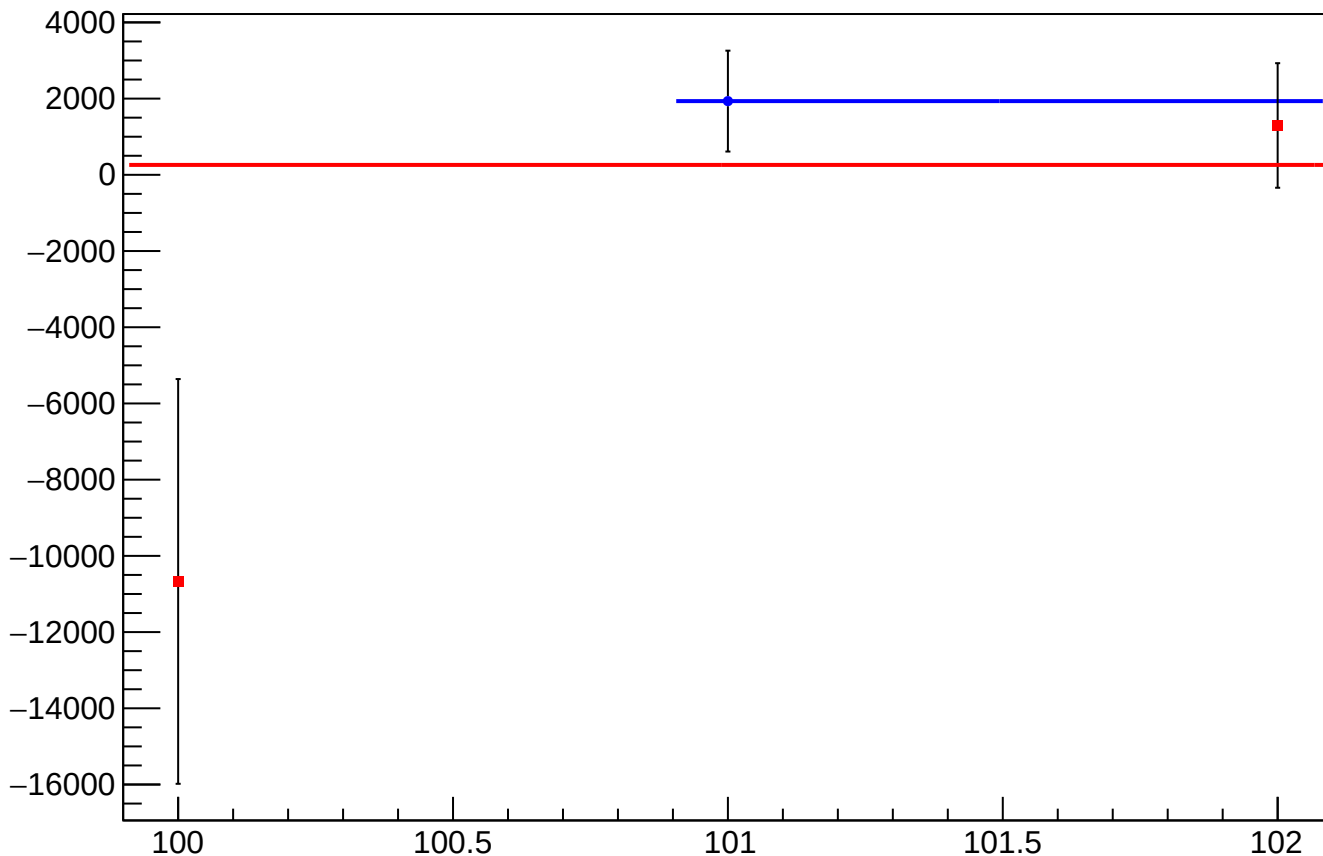
Right: 2051.861 $\pm$ 1.382 χ^2 /NDF: 256488.9/2

In: 3152.882 $\pm$ 2.753 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2051.861 $\pm$ 1.382 χ^2 /NDF: 256488.9/2

asym_at1_dd_at2_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 1934.433+/-1323.538 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 259.894+/-1562.108 χ^2/NDF : 4.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

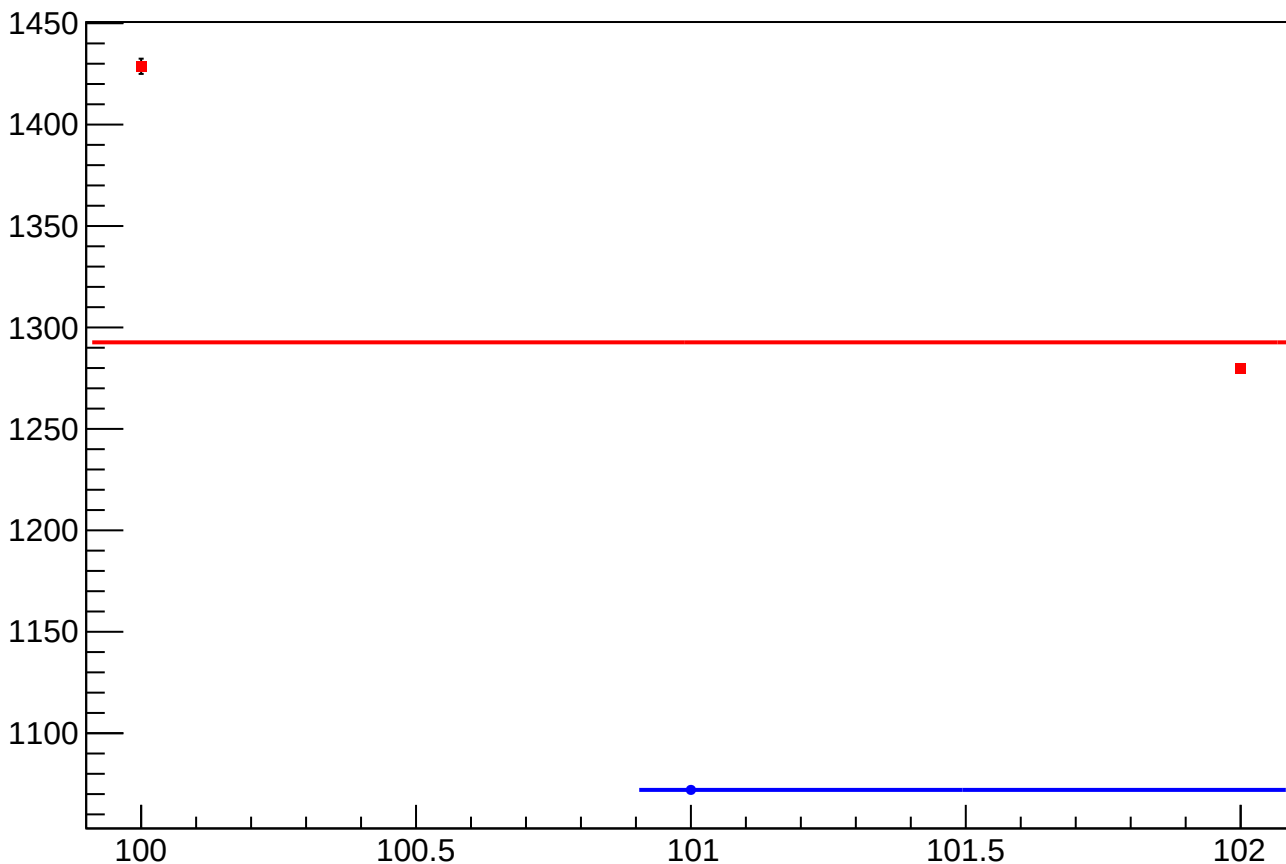
Right: 1234.666+/-1009.811 χ^2/NDF : 5.3/2

In: 1934.433+/-1323.538 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1234.666+/-1009.811 χ^2/NDF : 5.3/2

asym_at1_dd_at2_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1072.065 $\pm$ 0.936 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1292.663 $\pm$ 1.105 χ^2 /NDF: 1437.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

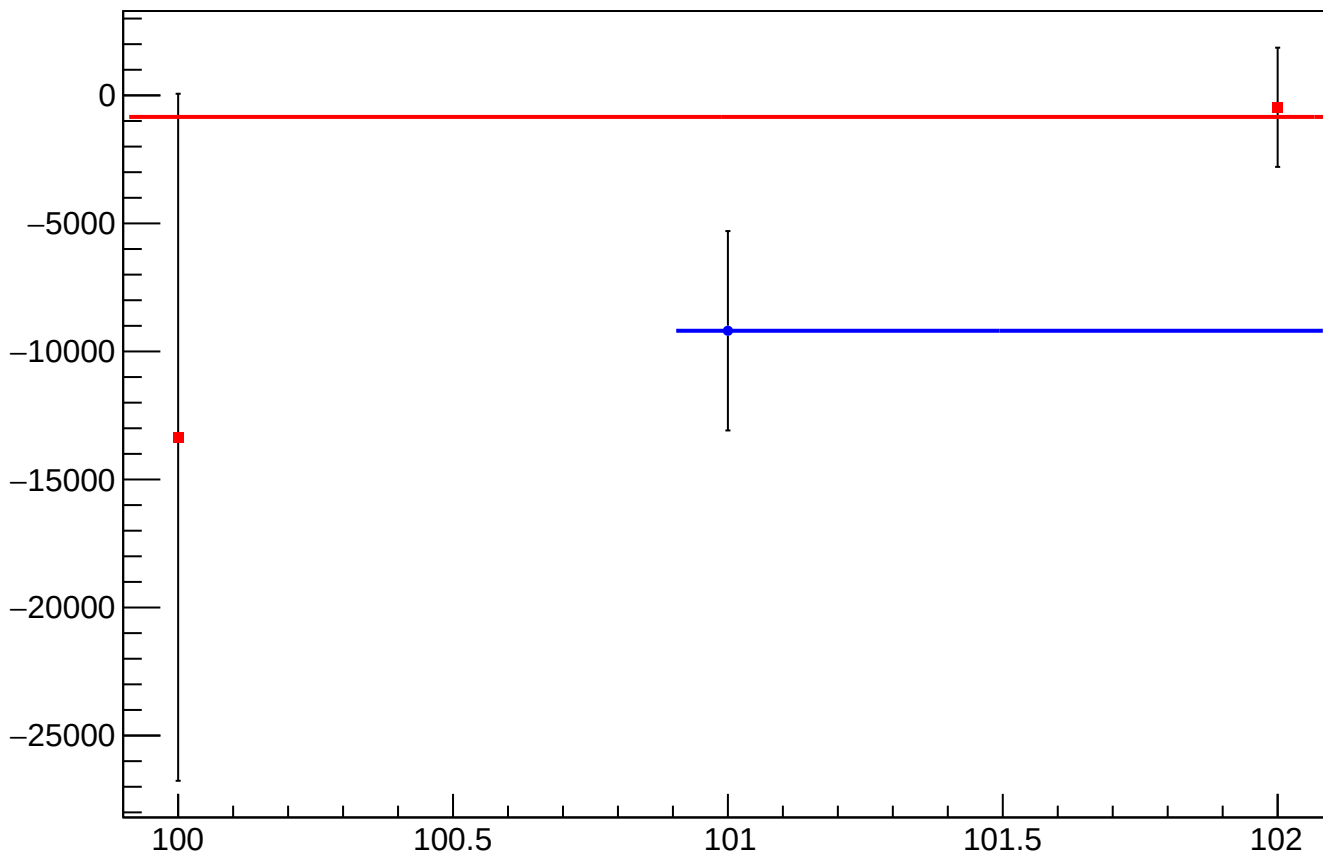
Right: 1164.250 $\pm$ 0.714 χ^2 /NDF: 24654.8/2

In: 1072.065 $\pm$ 0.936 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1164.250 $\pm$ 0.714 χ^2 /NDF: 24654.8/2

cor_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: -9192.330 $\pm$ 3893.138 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -841.568 $\pm$ 2293.465 χ^2 /NDF: 0.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

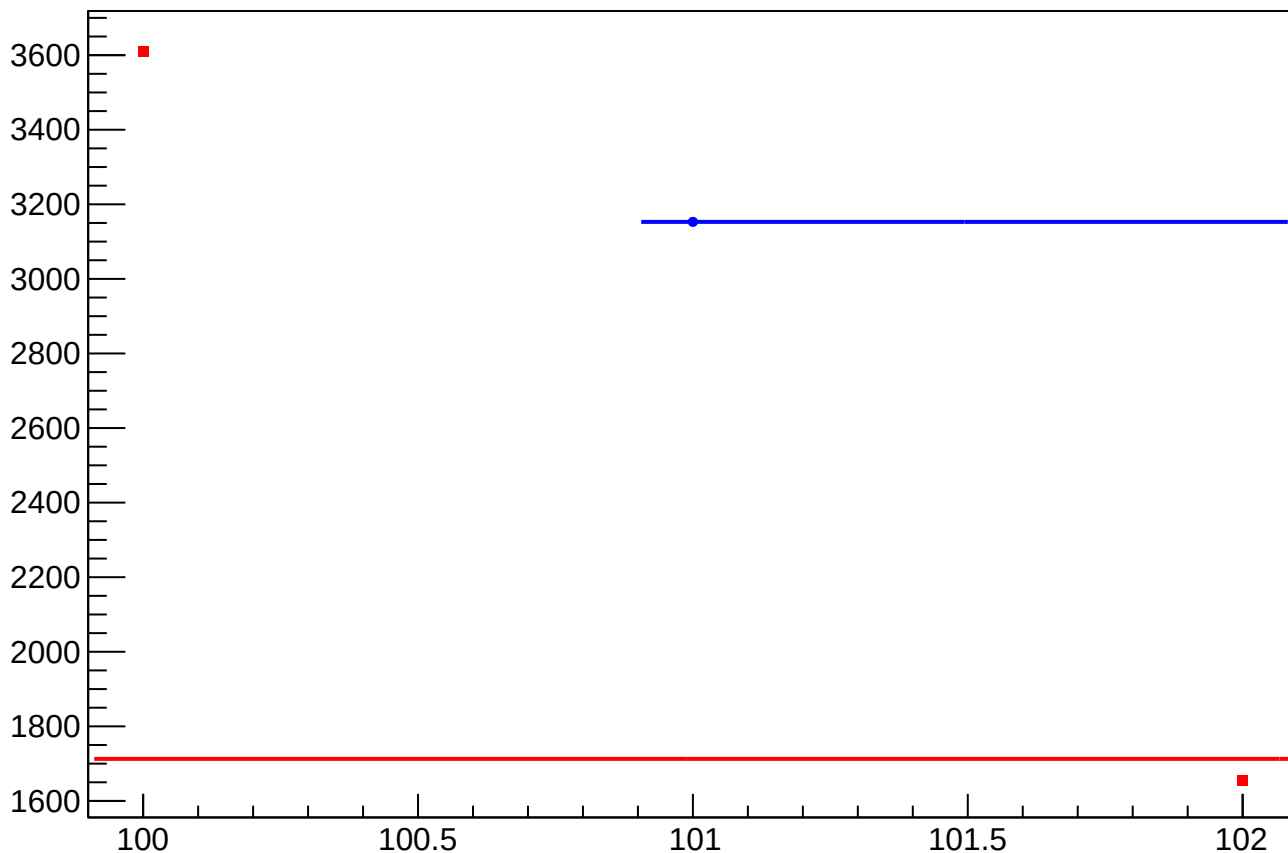
Right: -2993.006 $\pm$ 1976.065 χ^2 /NDF: 4.3/2

In: -9192.330 $\pm$ 3893.138 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2993.006 $\pm$ 1976.065 χ^2 /NDF: 4.3/2

cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 3152.894 $\pm$ 2.753 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1712.777 $\pm$ 1.622 χ^2 /NDF: 41232.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

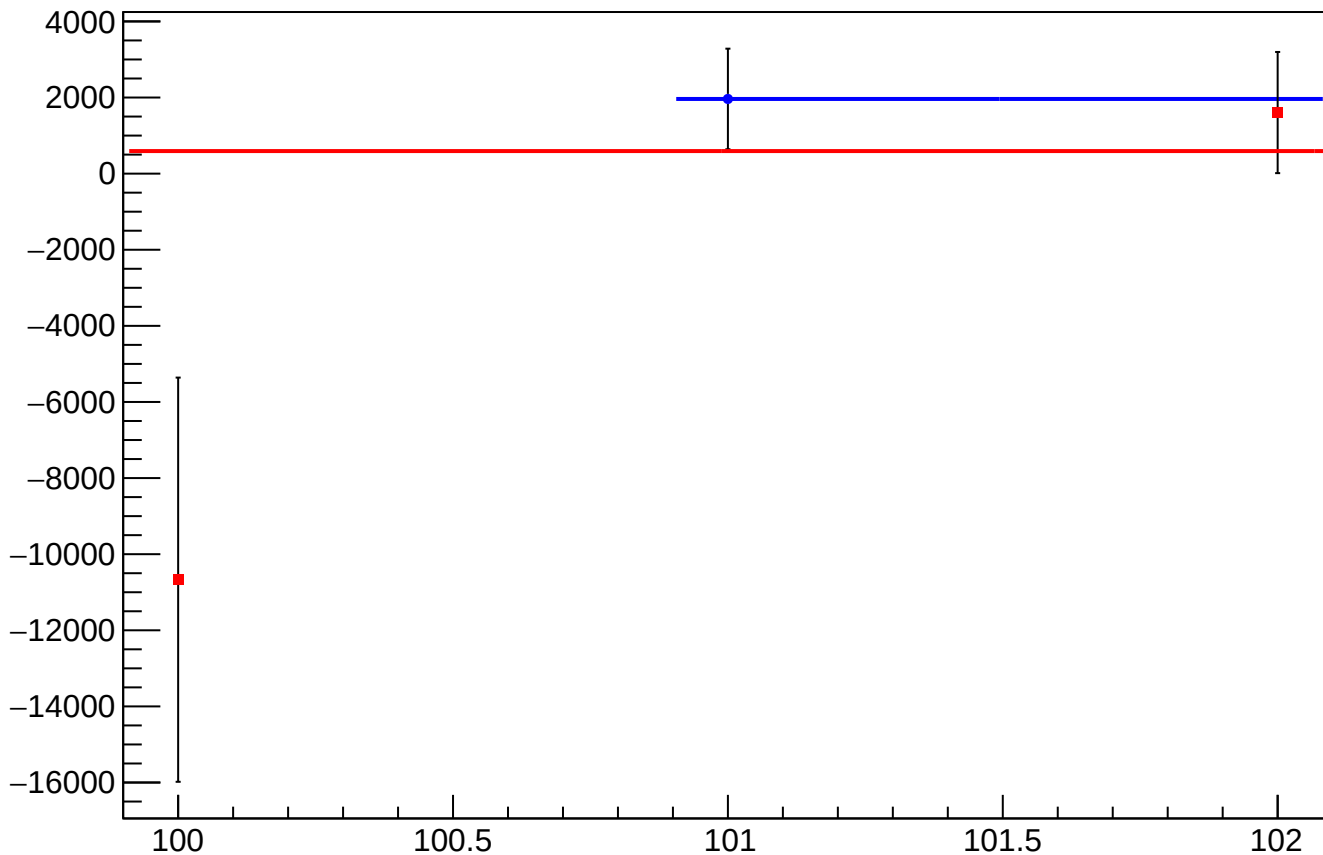
Right: 2083.763 $\pm$ 1.397 χ^2 /NDF: 244402.2/2

In: 3152.894 $\pm$ 2.753 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2083.763 $\pm$ 1.397 χ^2 /NDF: 244402.2/2

asym_at1_dd_at2_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 1962.336+/-1321.461 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 592.935+/-1525.047 χ^2/NDF : 4.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

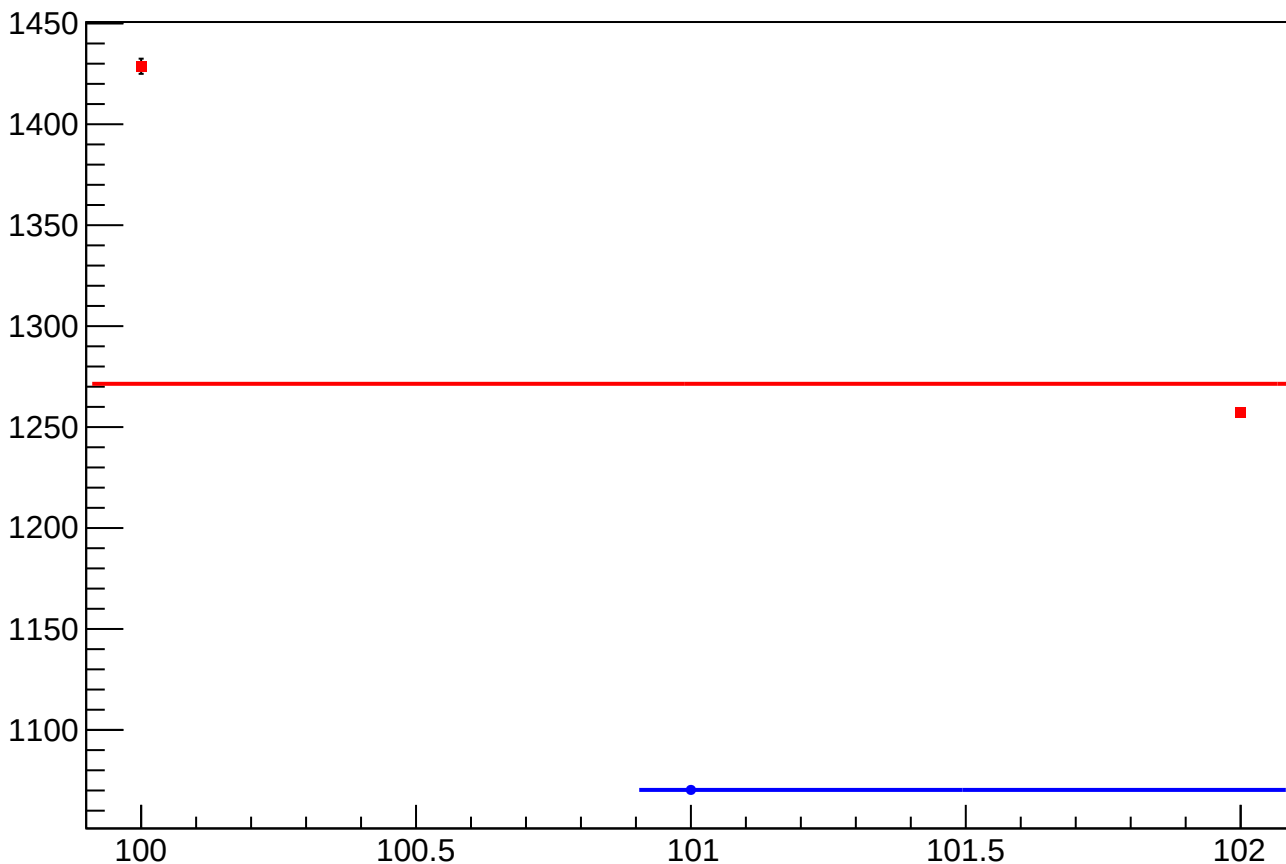
Right: 1375.079+/-998.693 χ^2/NDF : 5.4/2

In: 1962.336+/-1321.461 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1375.079+/-998.693 χ^2/NDF : 5.4/2

asym_at1_dd_at2_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1070.284 $\pm$ 0.934 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1271.432 $\pm$ 1.078 χ^2 /NDF: 1912.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

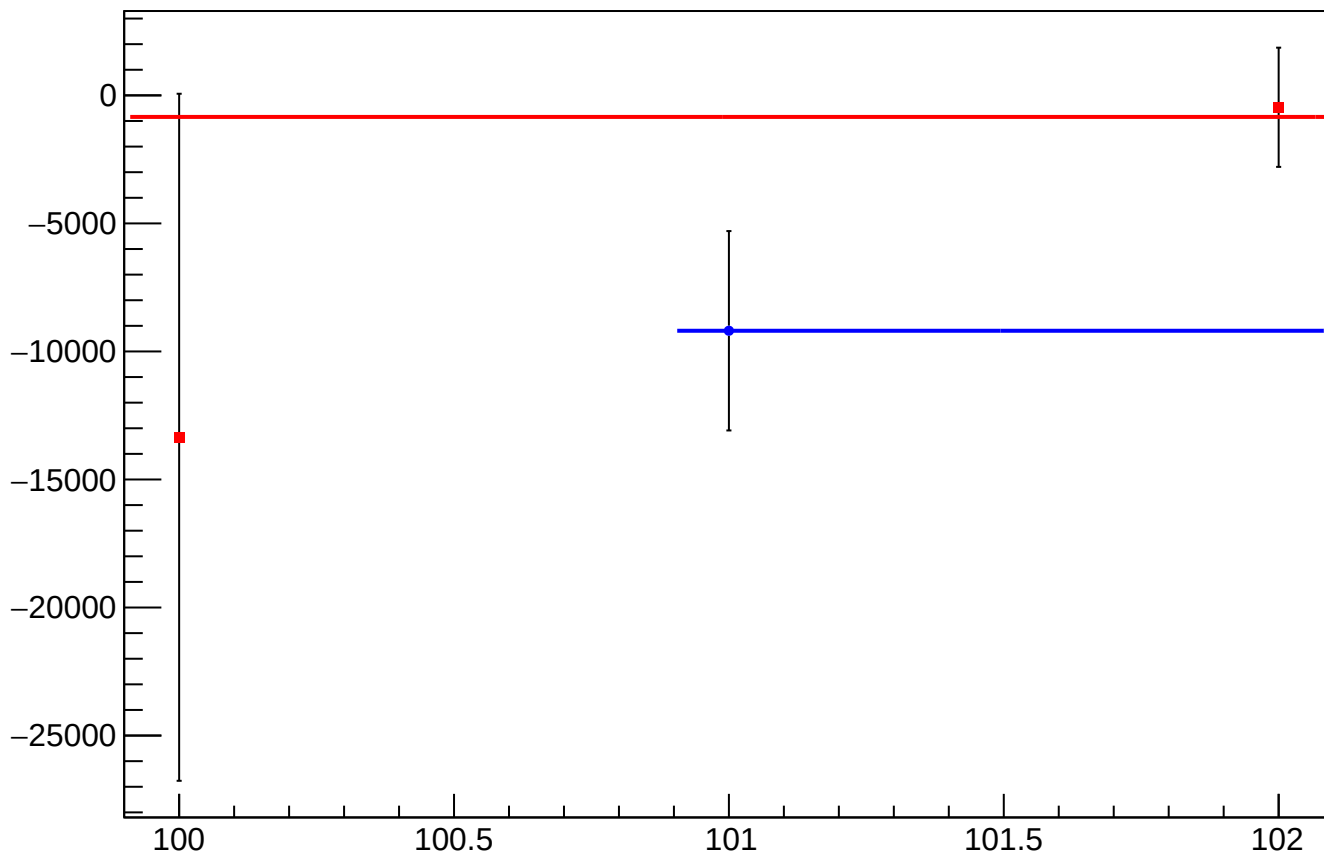
Right: 1156.545 $\pm$ 0.706 χ^2 /NDF: 21784.5/2

In: 1070.284 $\pm$ 0.934 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1156.545 $\pm$ 0.706 χ^2 /NDF: 21784.5/2

eigen_cor_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: -9192.330+/-3893.138 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -841.568+/-2293.465 χ^2/NDF : 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

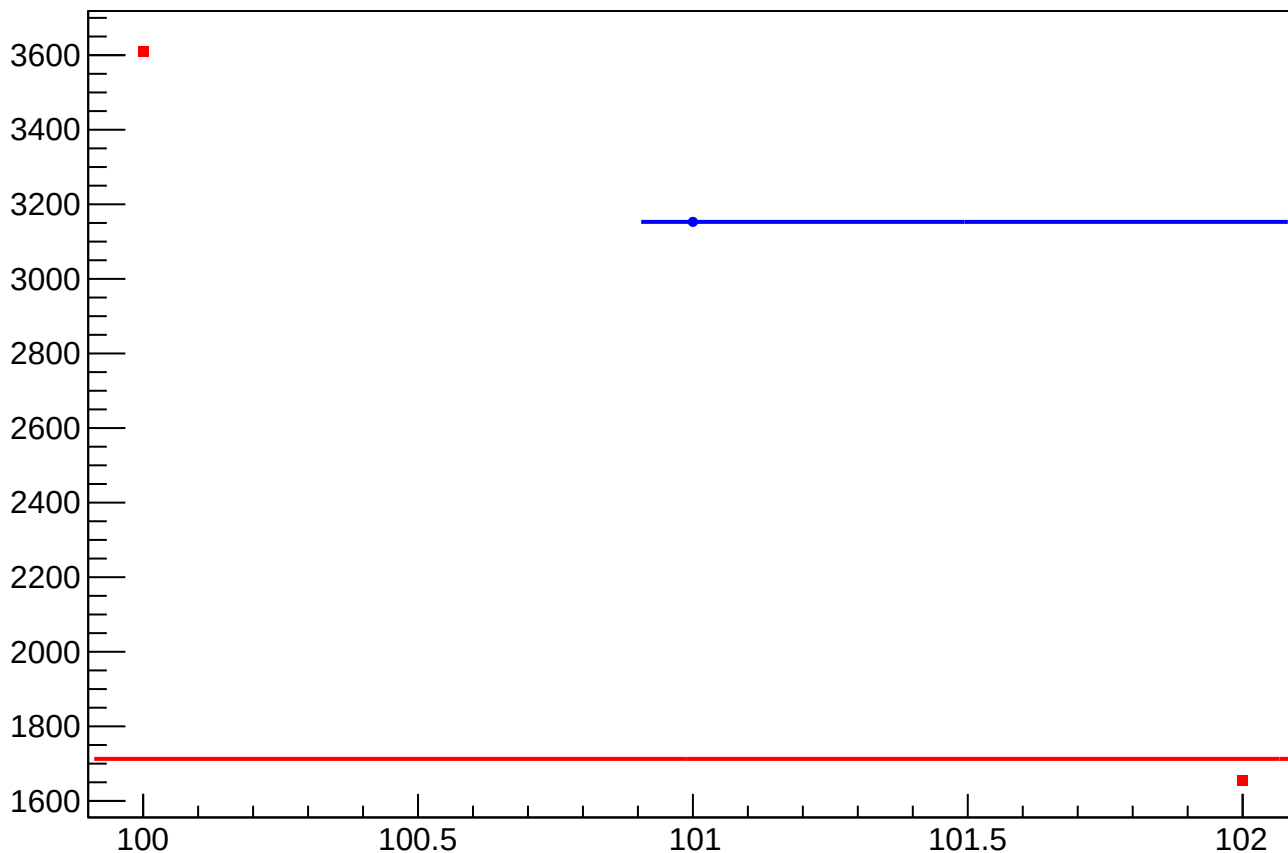
Right: -2993.006+/-1976.065 χ^2/NDF : 4.3/2

In: -9192.330+/-3893.138 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2993.006+/-1976.065 χ^2/NDF : 4.3/2

eigen_cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 3152.894 $\pm$ 2.753 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1712.777 $\pm$ 1.622 χ^2 /NDF: 41232.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

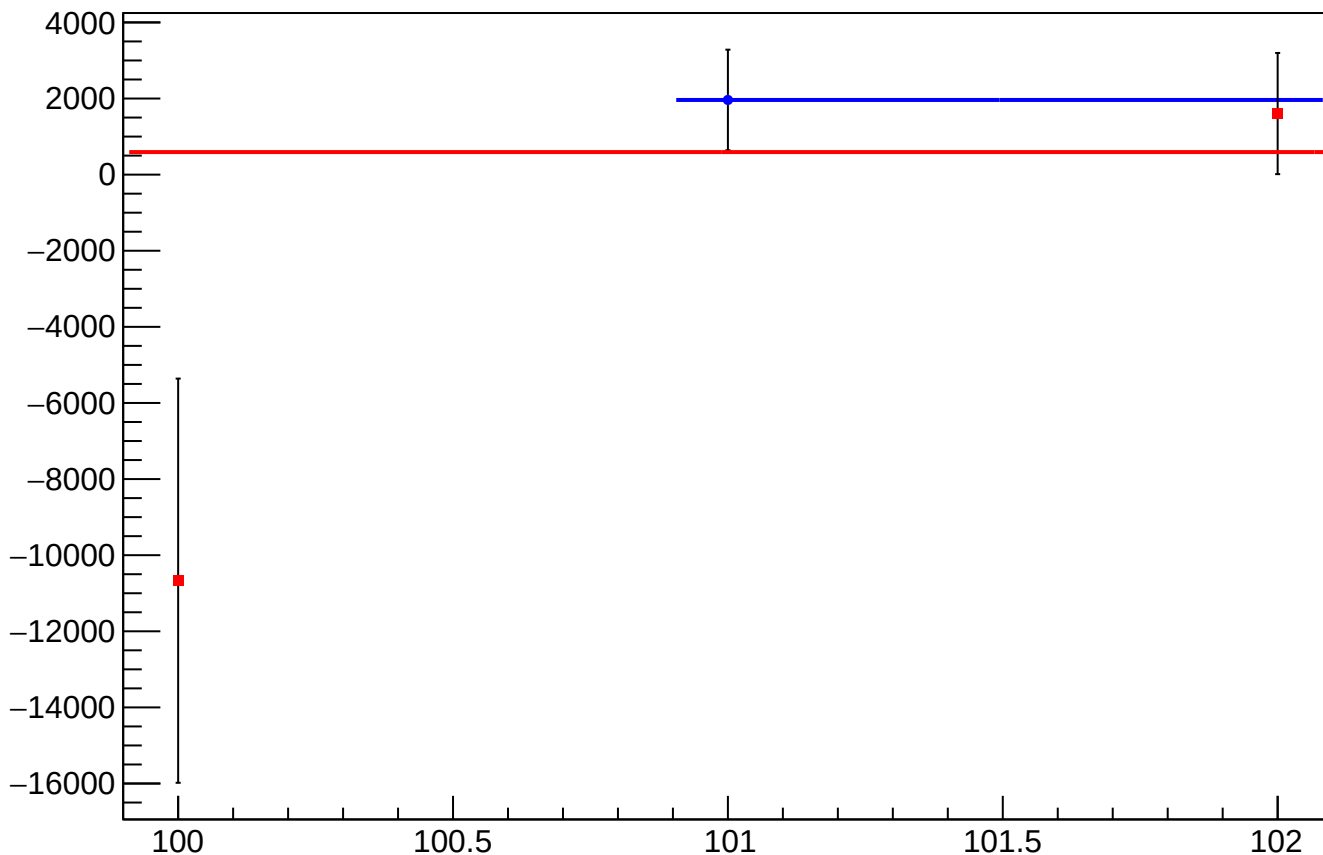
Right: 2083.763 $\pm$ 1.397 χ^2 /NDF: 244402.2/2

In: 3152.894 $\pm$ 2.753 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2083.763 $\pm$ 1.397 χ^2 /NDF: 244402.2/2

asym_at1_dd_at2_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1962.336+/-1321.461 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 592.935+/-1525.047 χ^2/NDF : 4.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

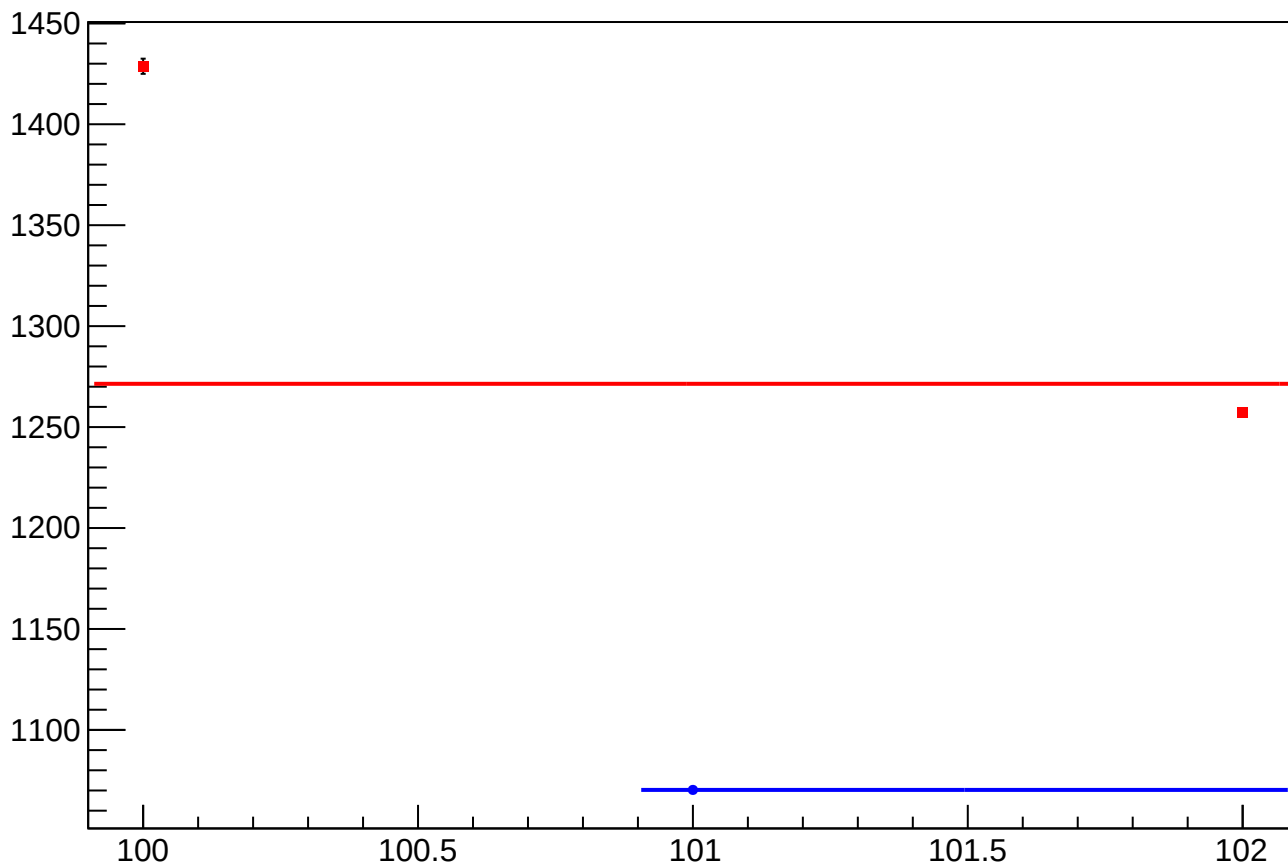
Right: 1375.079+/-998.693 χ^2/NDF : 5.4/2

In: 1962.336+/-1321.461 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1375.079+/-998.693 χ^2/NDF : 5.4/2

asym_at1_dd_at2_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1070.284+/-0.934 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1271.432+/-1.078 χ^2/NDF : 1912.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

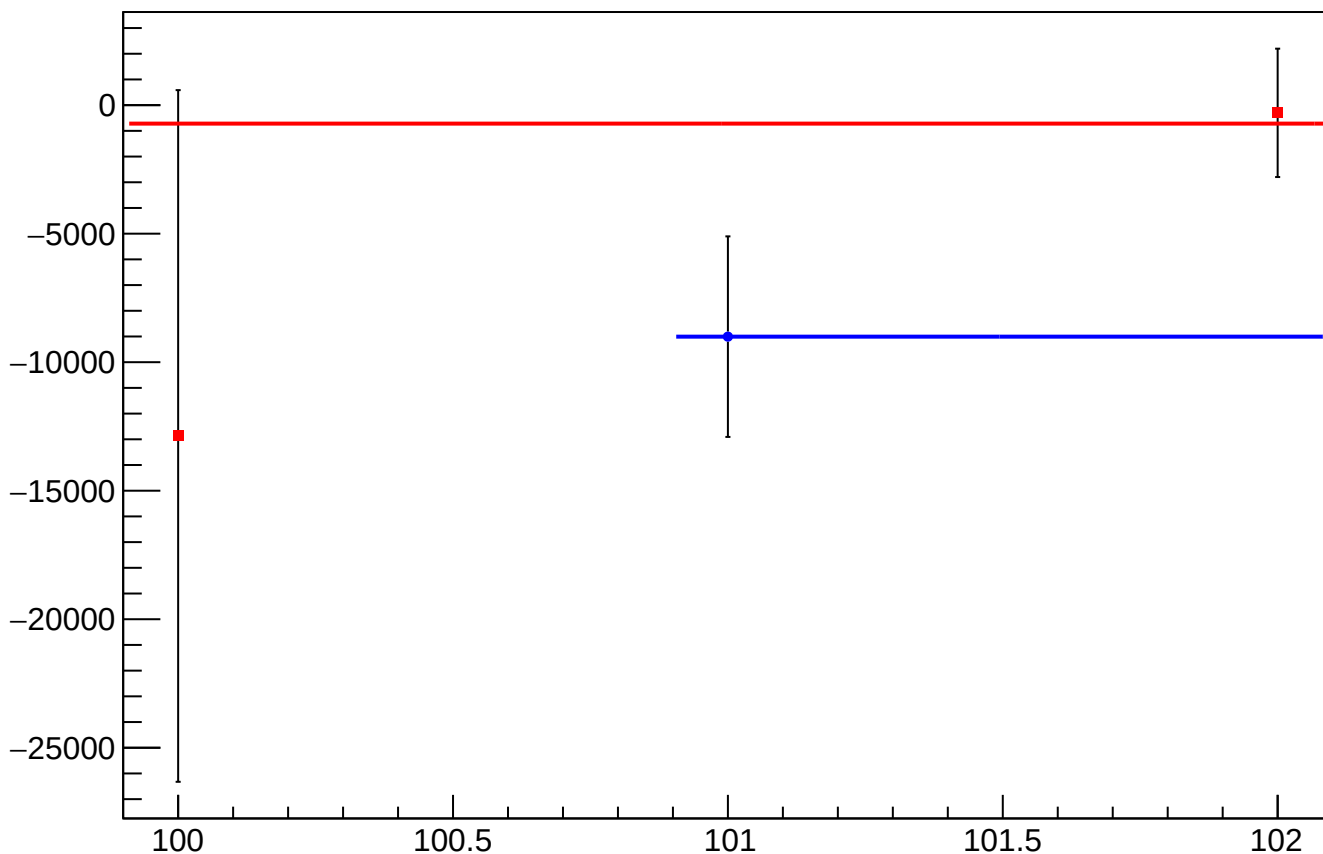
Right: 1156.545+/-0.706 χ^2/NDF : 21784.5/2

In: 1070.284+/-0.934 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1156.545+/-0.706 χ^2/NDF : 21784.5/2

dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: -9006.465+/-3901.378 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -718.232+/-2455.155 χ^2/NDF : 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

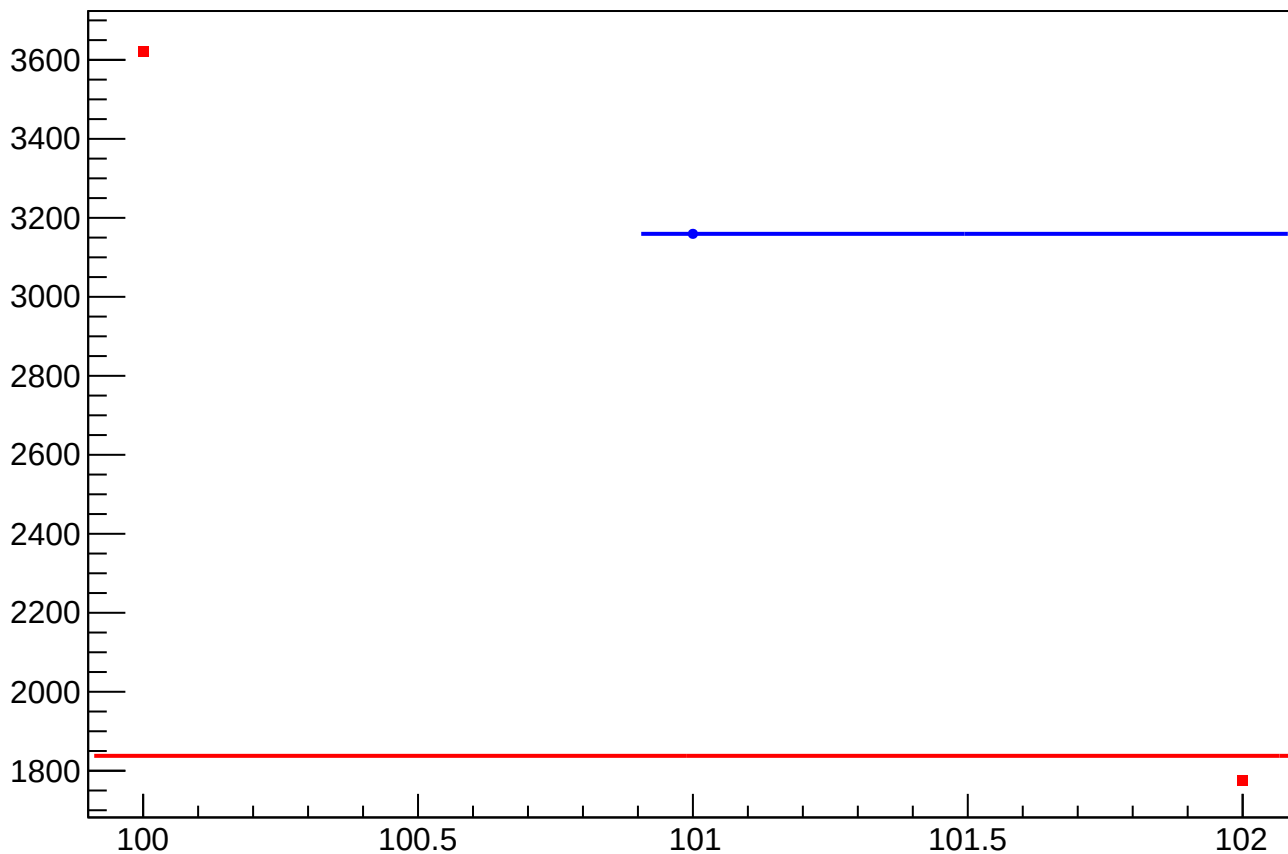
Right: -3069.438+/-2077.937 χ^2/NDF : 4.1/2

In: -9006.465+/-3901.378 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3069.438+/-2077.937 χ^2/NDF : 4.1/2

dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 3159.502 $\pm$ 2.759 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1837.771 $\pm$ 1.736 χ^2 /NDF: 36356.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

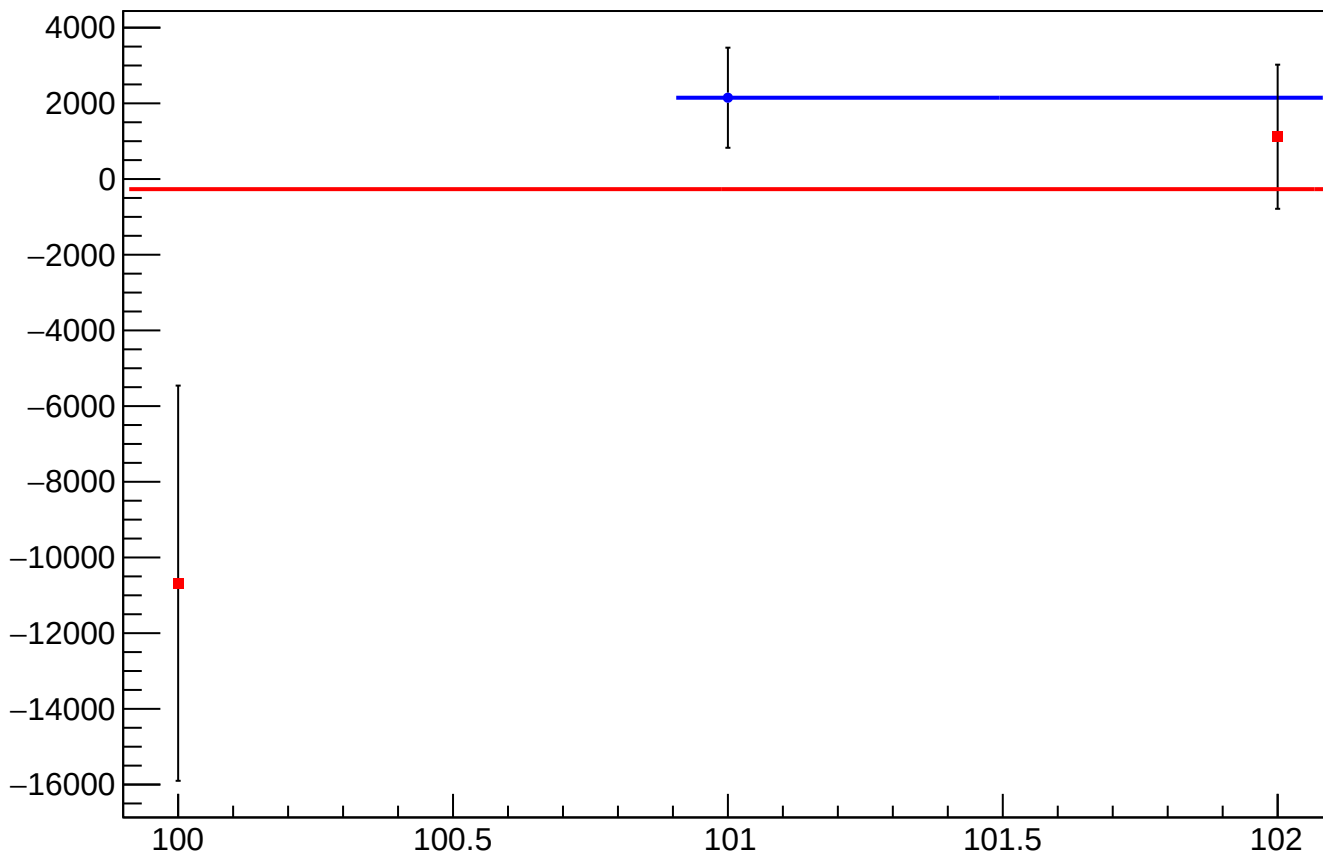
Right: 2212.678 $\pm$ 1.469 χ^2 /NDF: 200795.5/2

In: 3159.502 $\pm$ 2.759 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2212.678 $\pm$ 1.469 χ^2 /NDF: 200795.5/2

asym_at1_dd_at2_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 2148.585+/-1322.623 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -267.192+/-1788.959 χ^2/NDF : 4.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

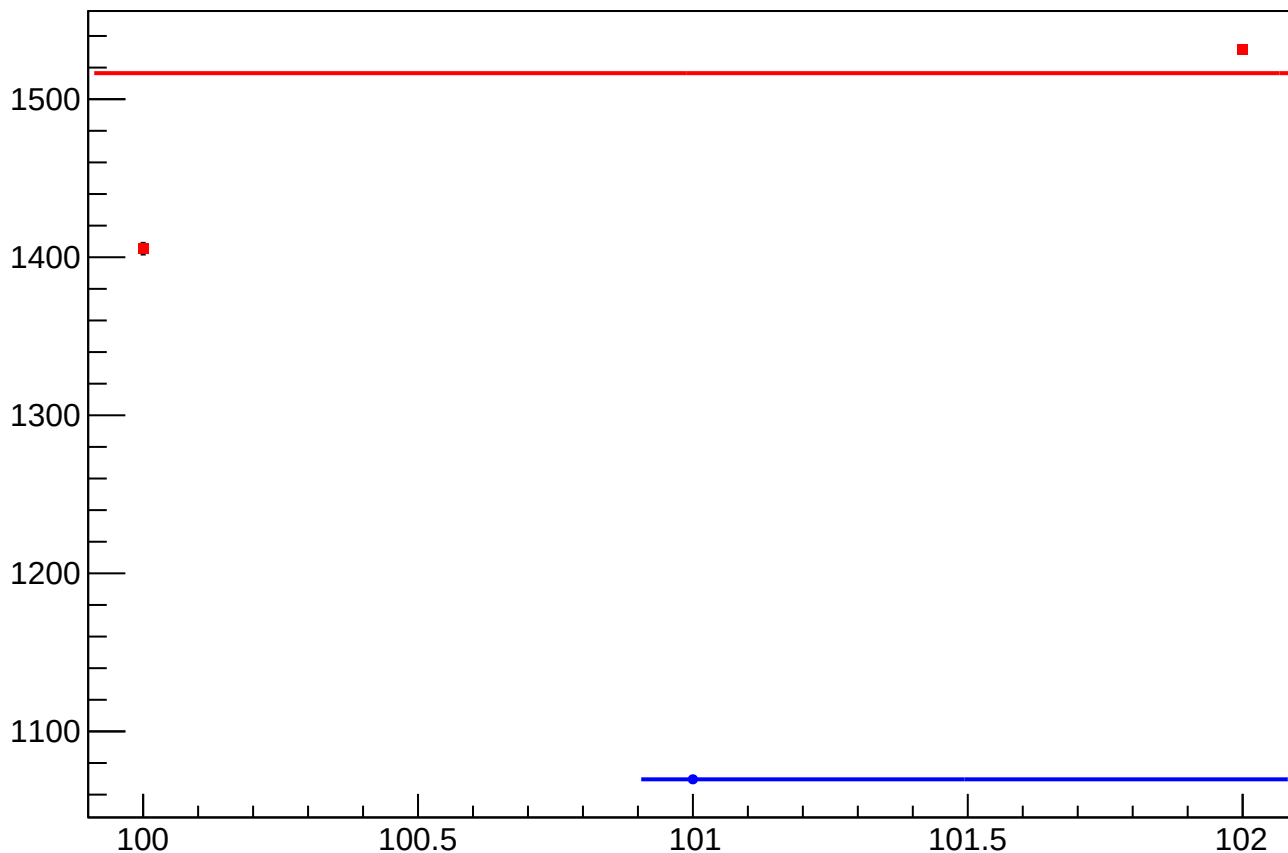
Right: 1294.797+/-1063.523 χ^2/NDF : 5.7/2

In: 2148.585+/-1322.623 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1294.797+/-1063.523 χ^2/NDF : 5.7/2

asym_at1_dd_at2_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1069.680 $\pm$ 0.935 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1516.478 $\pm$ 1.265 χ^2 /NDF: 1025.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

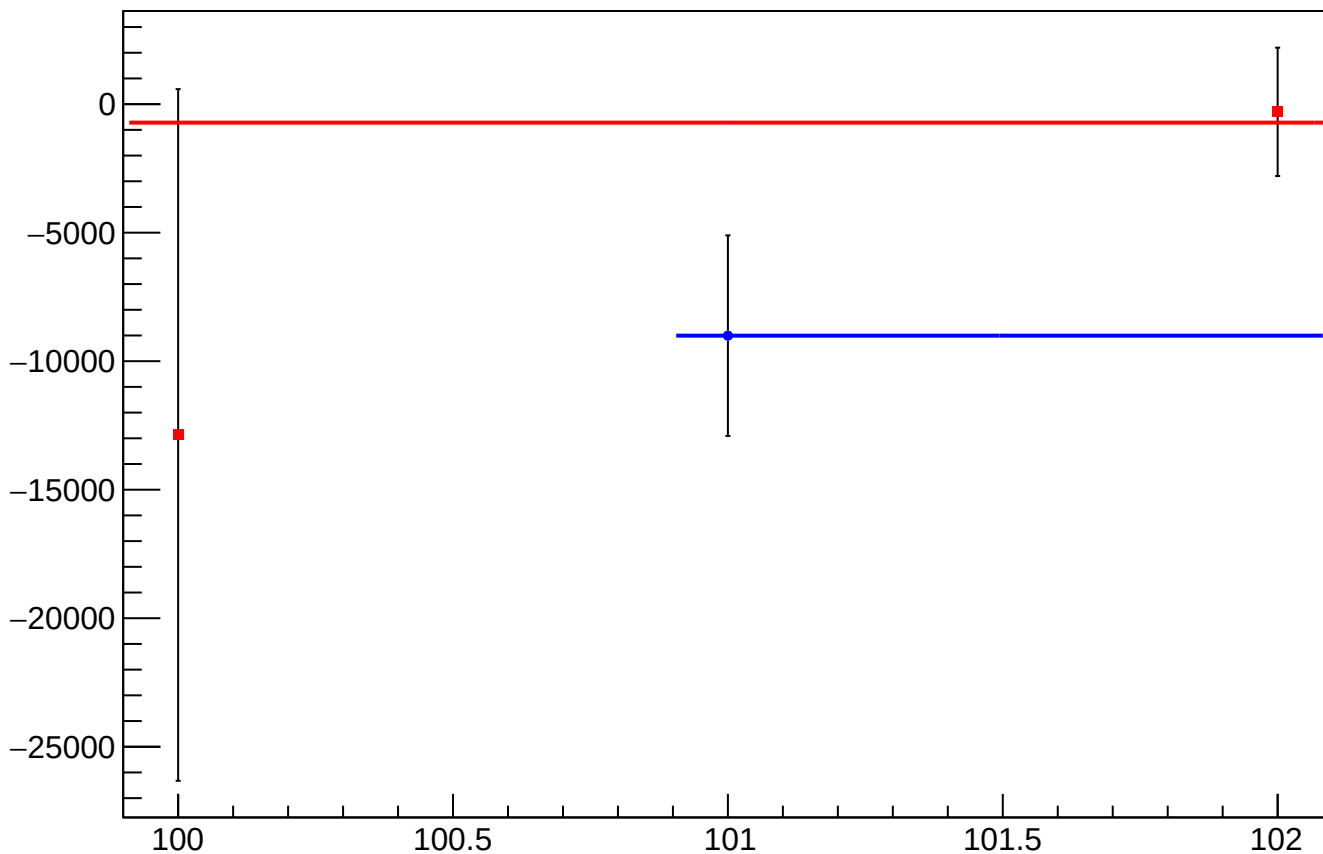
Right: 1227.588 $\pm$ 0.752 χ^2 /NDF: 81688.2/2

In: 1069.680 $\pm$ 0.935 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1227.588 $\pm$ 0.752 χ^2 /NDF: 81688.2/2

eigen_dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: -9006.489+/-3901.378 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -718.239+/-2455.154 χ^2/NDF : 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

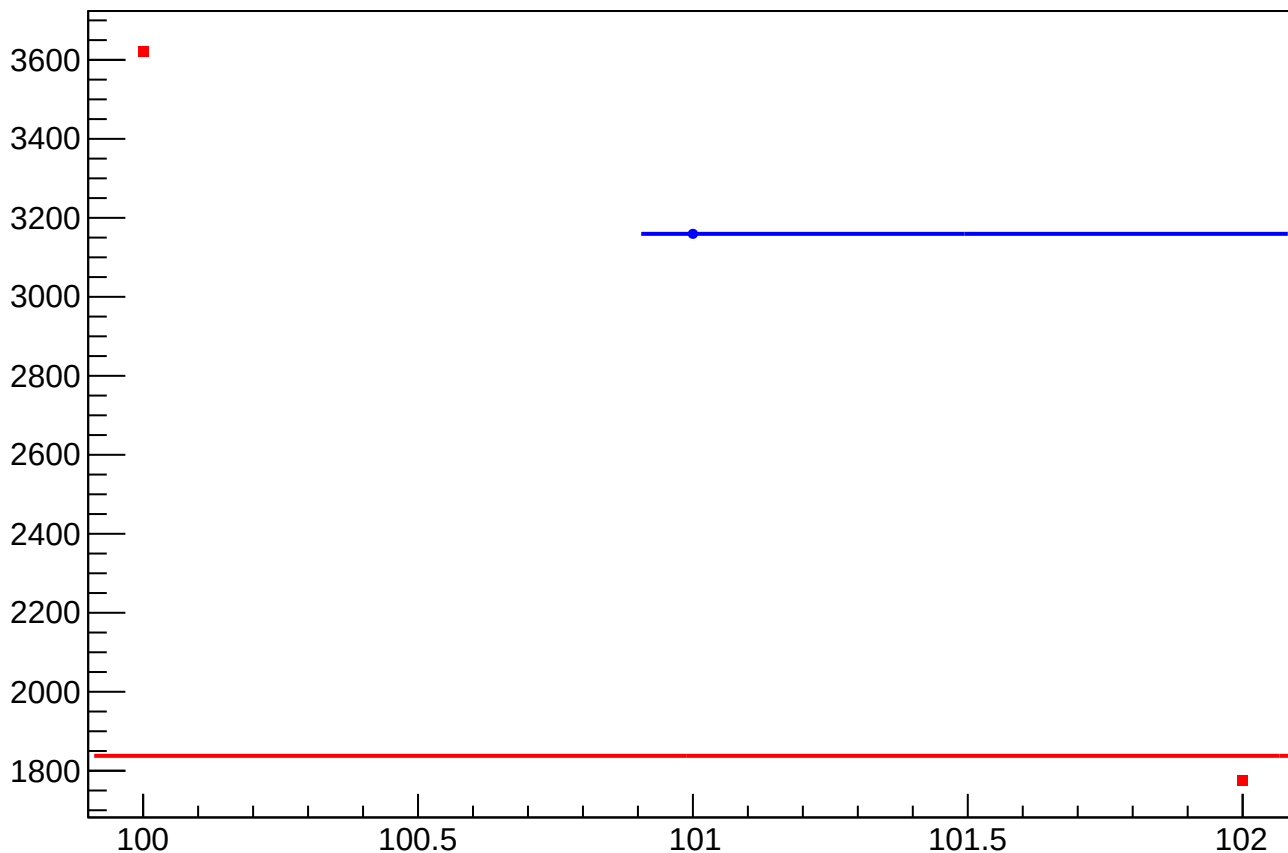
Right: -3069.449+/-2077.937 χ^2/NDF : 4.1/2

In: -9006.489+/-3901.378 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3069.449+/-2077.937 χ^2/NDF : 4.1/2

eigen_dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 3159.502 $\pm$ 2.759 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1837.770 $\pm$ 1.736 χ^2 /NDF: 36356.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

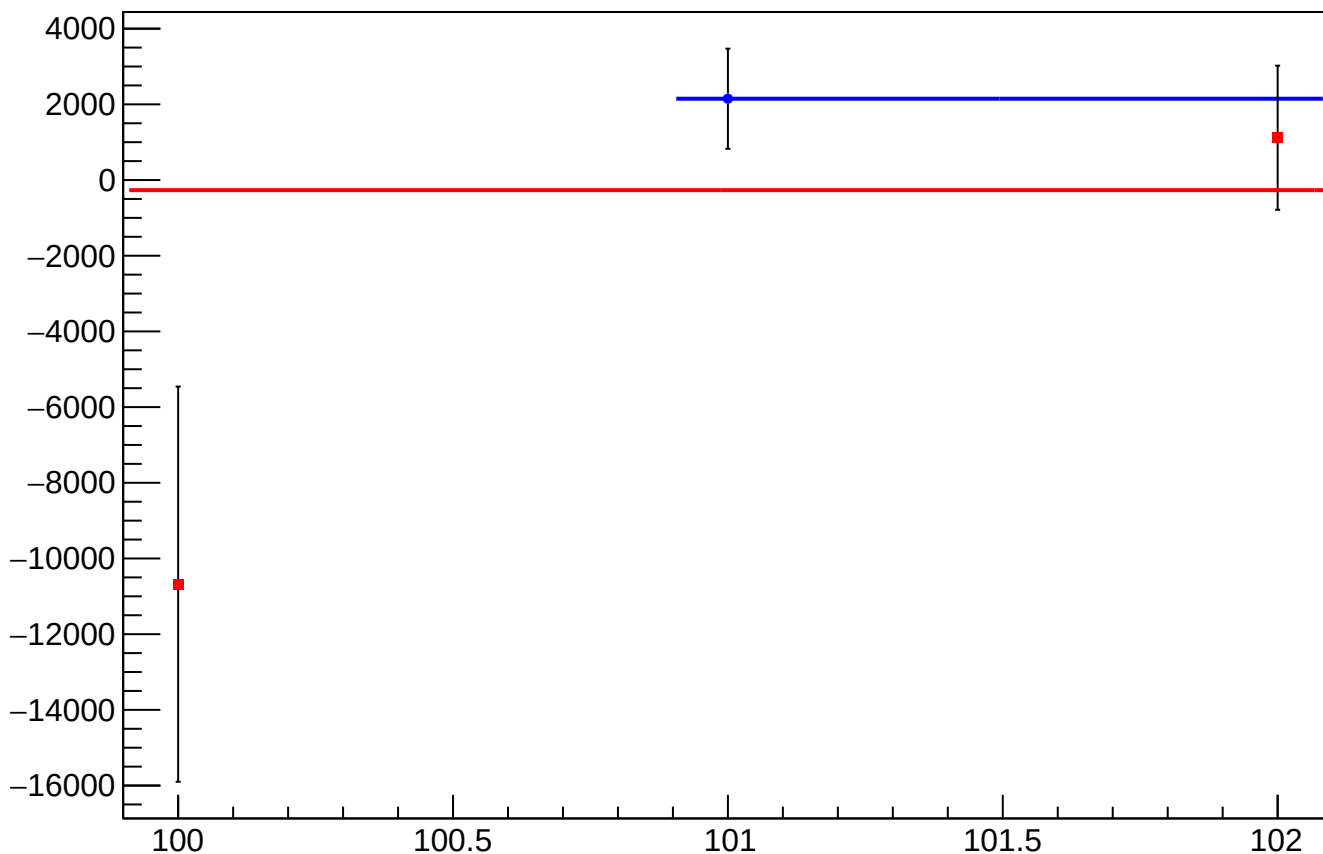
Right: 2212.677 $\pm$ 1.469 χ^2 /NDF: 200795.9/2

In: 3159.502 $\pm$ 2.759 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2212.677 $\pm$ 1.469 χ^2 /NDF: 200795.9/2

asym_at1_dd_at2_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 2148.567+/-1322.613 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -267.207+/-1788.961 χ^2 /NDF: 4.5/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

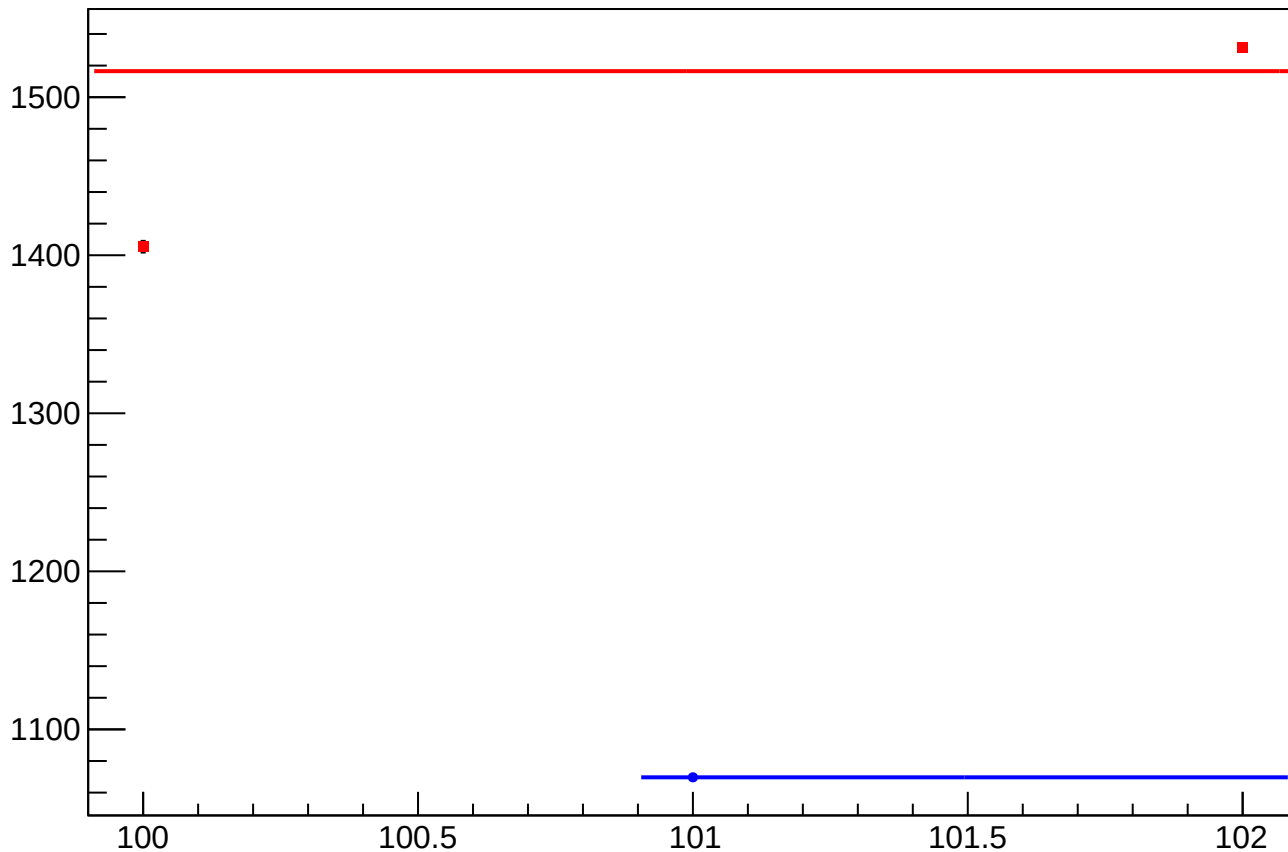
Right: 1294.790+/-1063.518 χ^2 /NDF: 5.7/2

In: 2148.567+/-1322.613 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1294.790+/-1063.518 χ^2 /NDF: 5.7/2

asym_at1_dd_at2_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1069.671 $\pm$ 0.935 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1516.480 $\pm$ 1.265 χ^2 /NDF: 1025.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

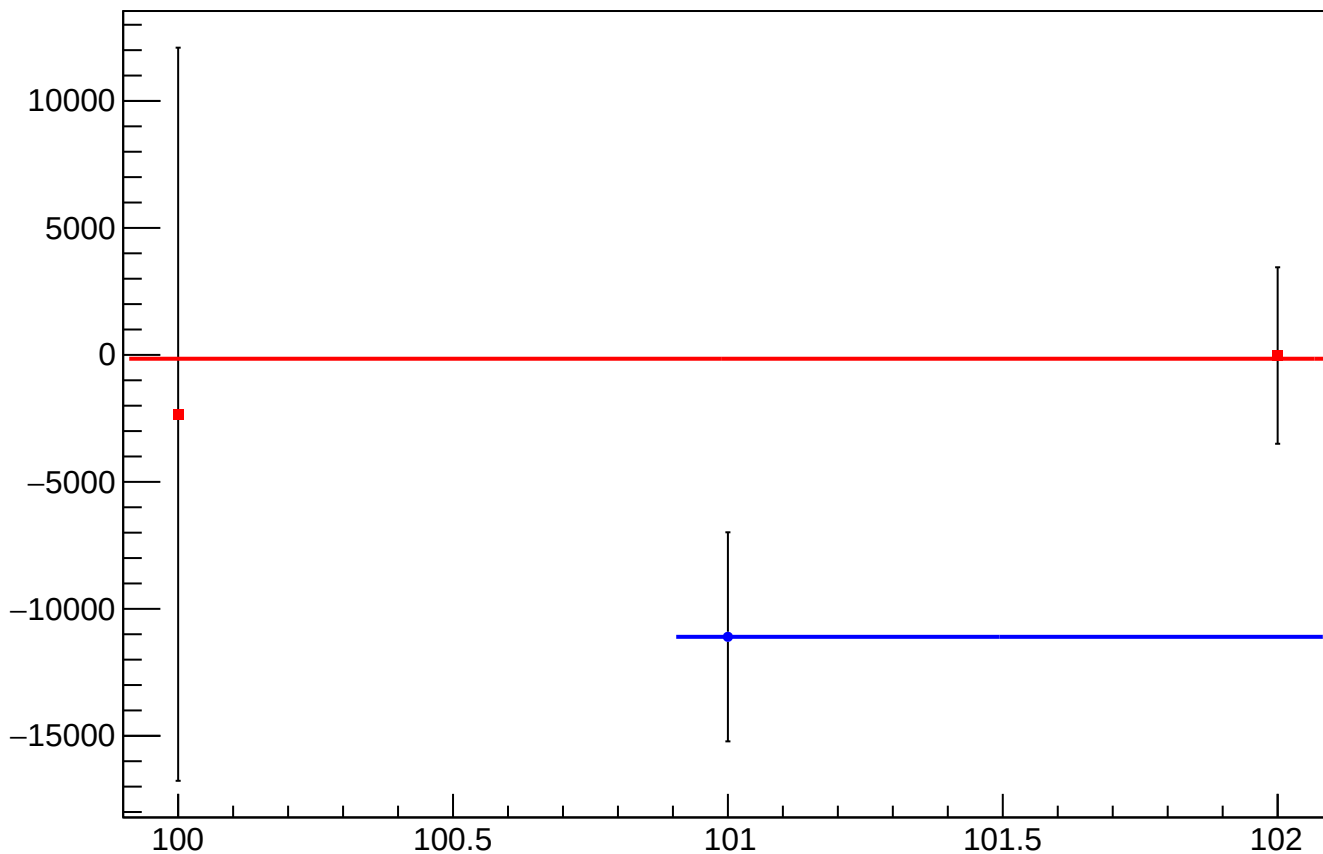
Right: 1227.581 $\pm$ 0.752 χ^2 /NDF: 81692.4/2

In: 1069.671 $\pm$ 0.935 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1227.581 $\pm$ 0.752 χ^2 /NDF: 81692.4/2

asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: -11101.605+/-4116.362 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -151.119+/-3378.284 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

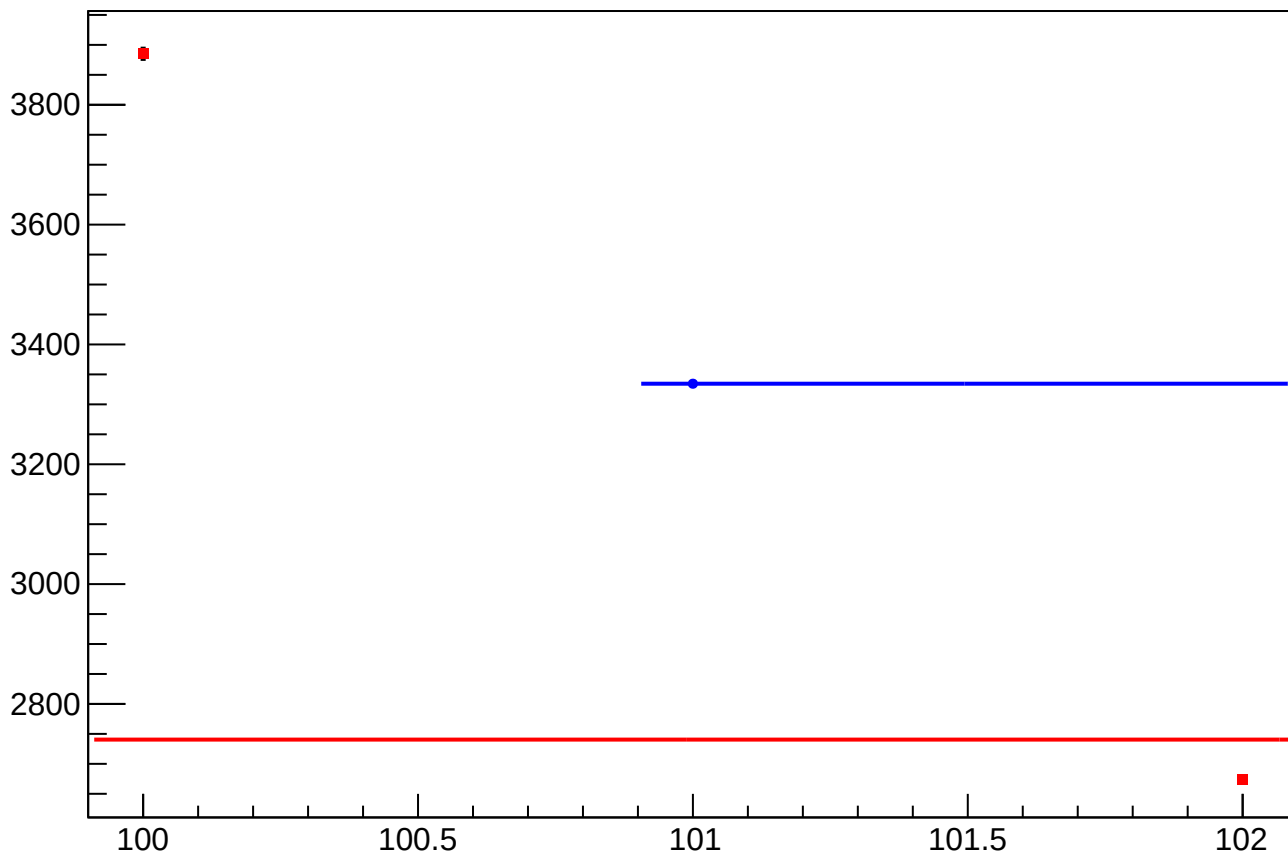
Right: -4558.310+/-2611.426 χ^2/NDF : 4.3/2

In: -11101.605+/-4116.362 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4558.310+/-2611.426 χ^2/NDF : 4.3/2

asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 3334.470+/-2.911 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2740.470+/-2.388 χ^2/NDF : 13306.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

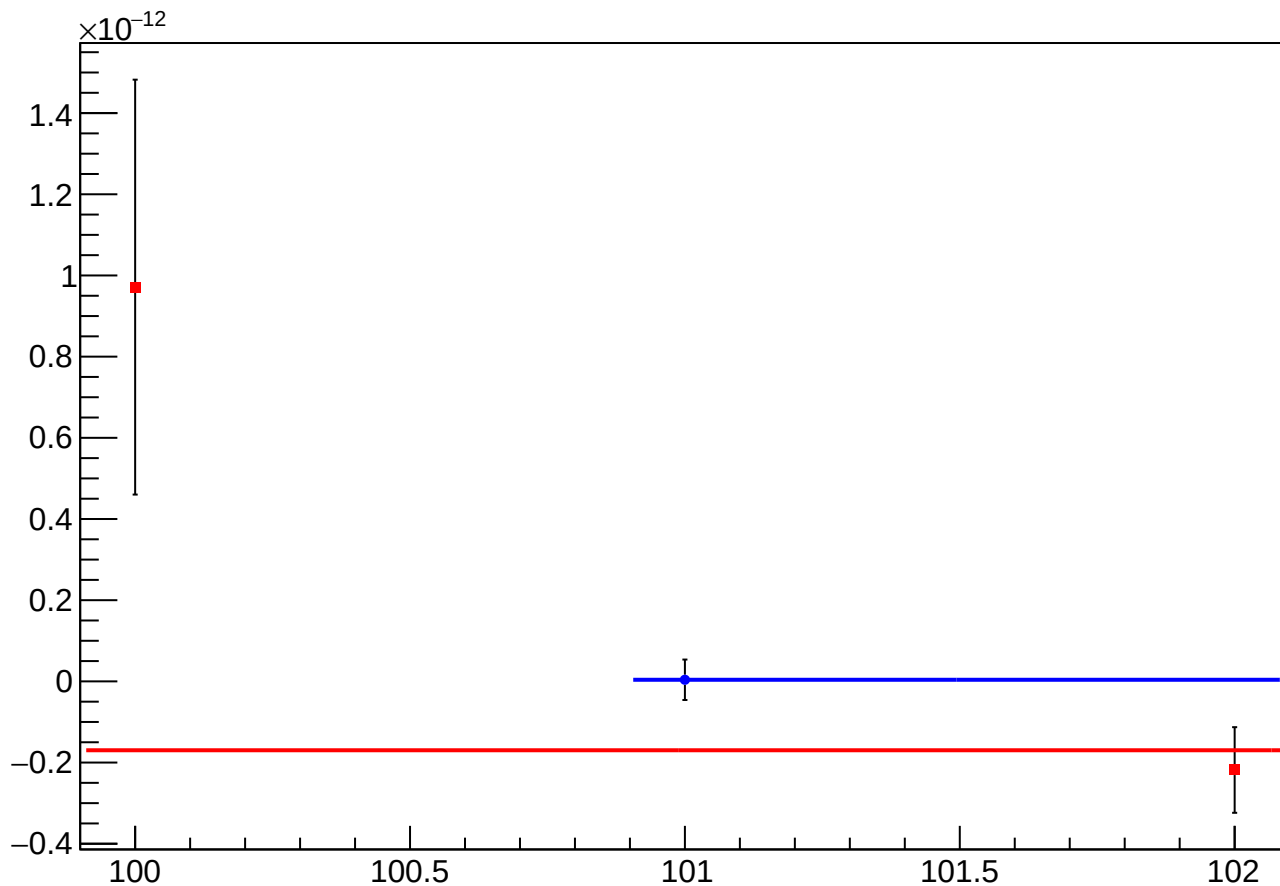
Right: 2979.493+/-1.846 χ^2/NDF : 38194.1/2

In: 3334.470+/-2.911 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2979.493+/-1.846 χ^2/NDF : 38194.1/2

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

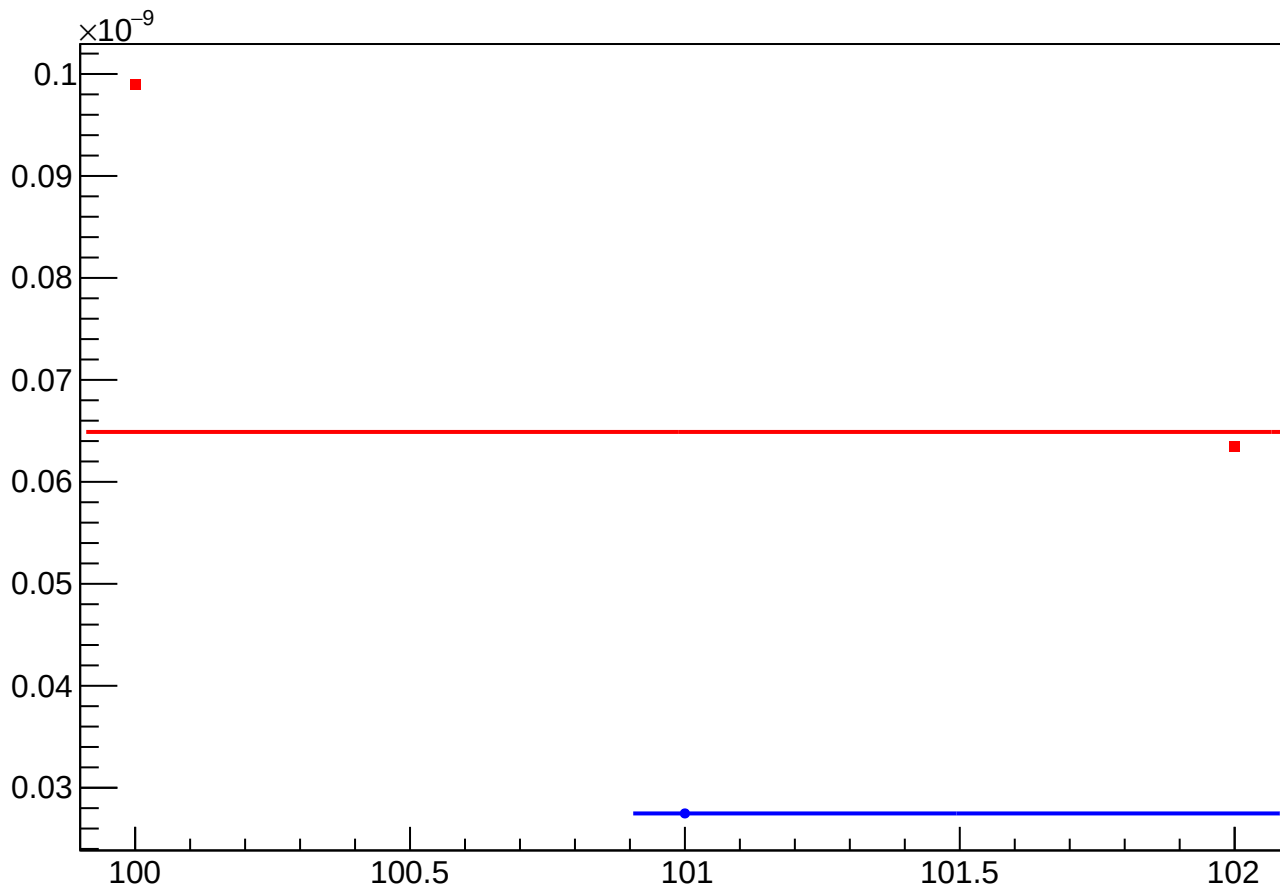
Right: -0.000+/-0.000 χ^2/NDF : 7.5/2

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 : 7.5/2

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_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 : 9276.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

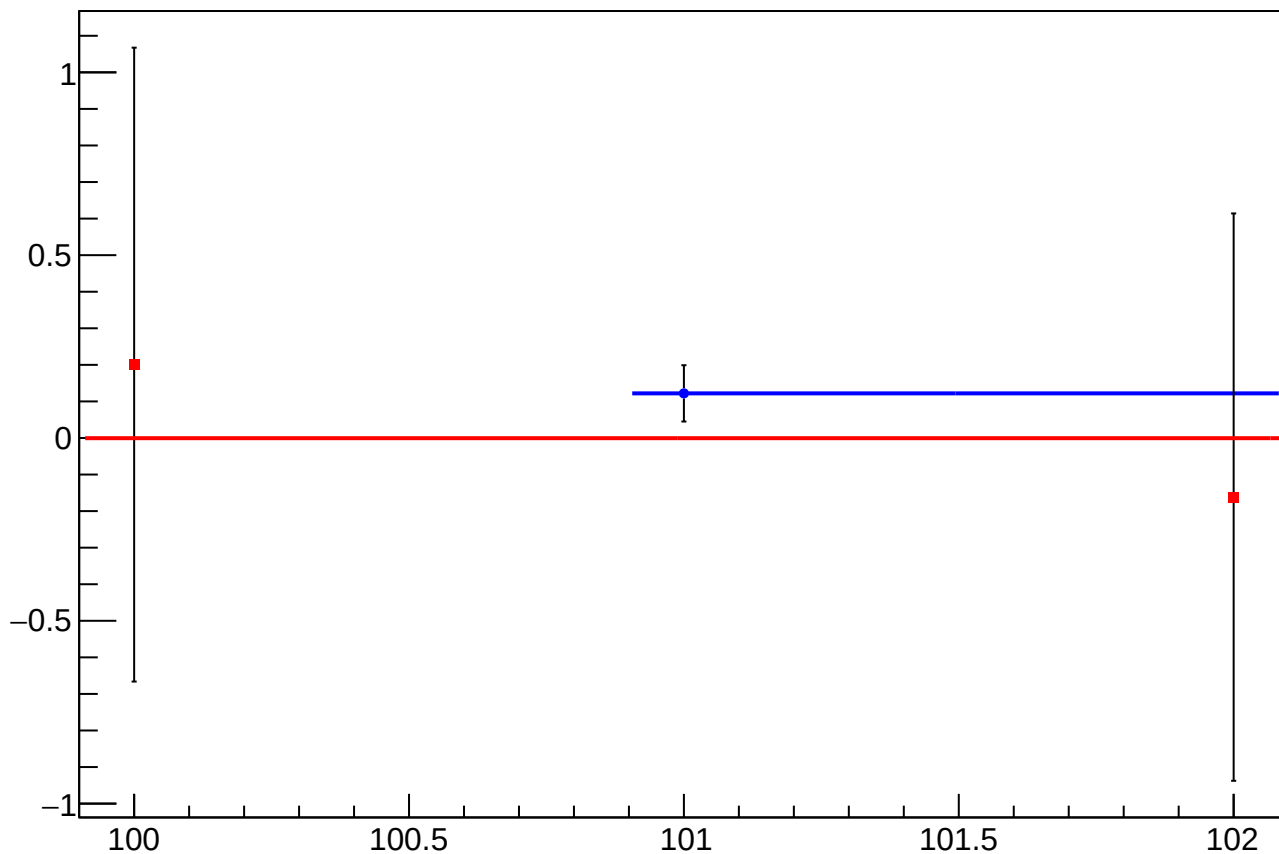
Right: 0.000+/-0.000 χ^2/NDF : 222150.7/2

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 : 222150.7/2

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.122+/-0.077 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.001+/-0.578 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

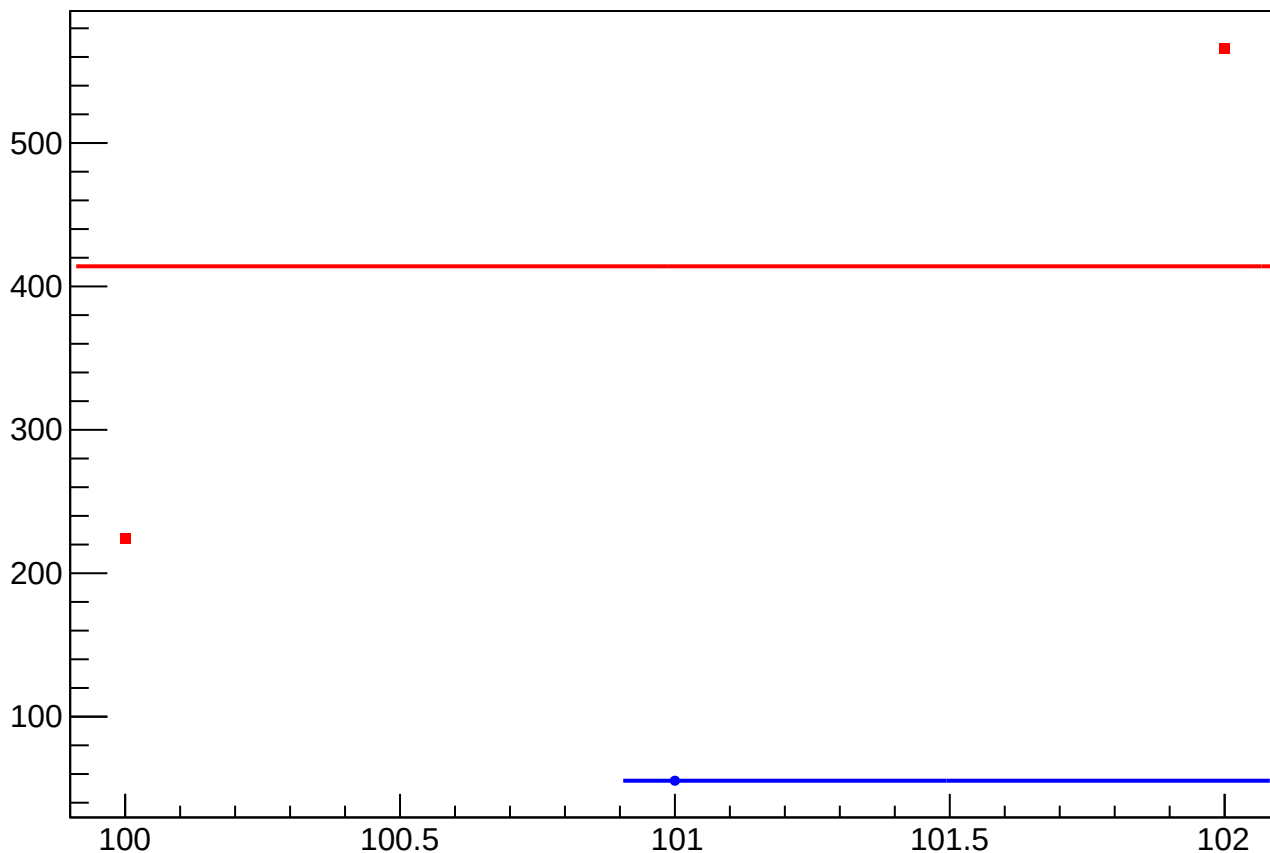
Right: 0.120+/-0.076 χ^2/NDF : 0.1/2

In: 0.122+/-0.077 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.120+/-0.076 χ^2/NDF : 0.1/2

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.327 $\pm$ 0.054 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 414.026 $\pm$ 0.409 χ^2 /NDF: 172393.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

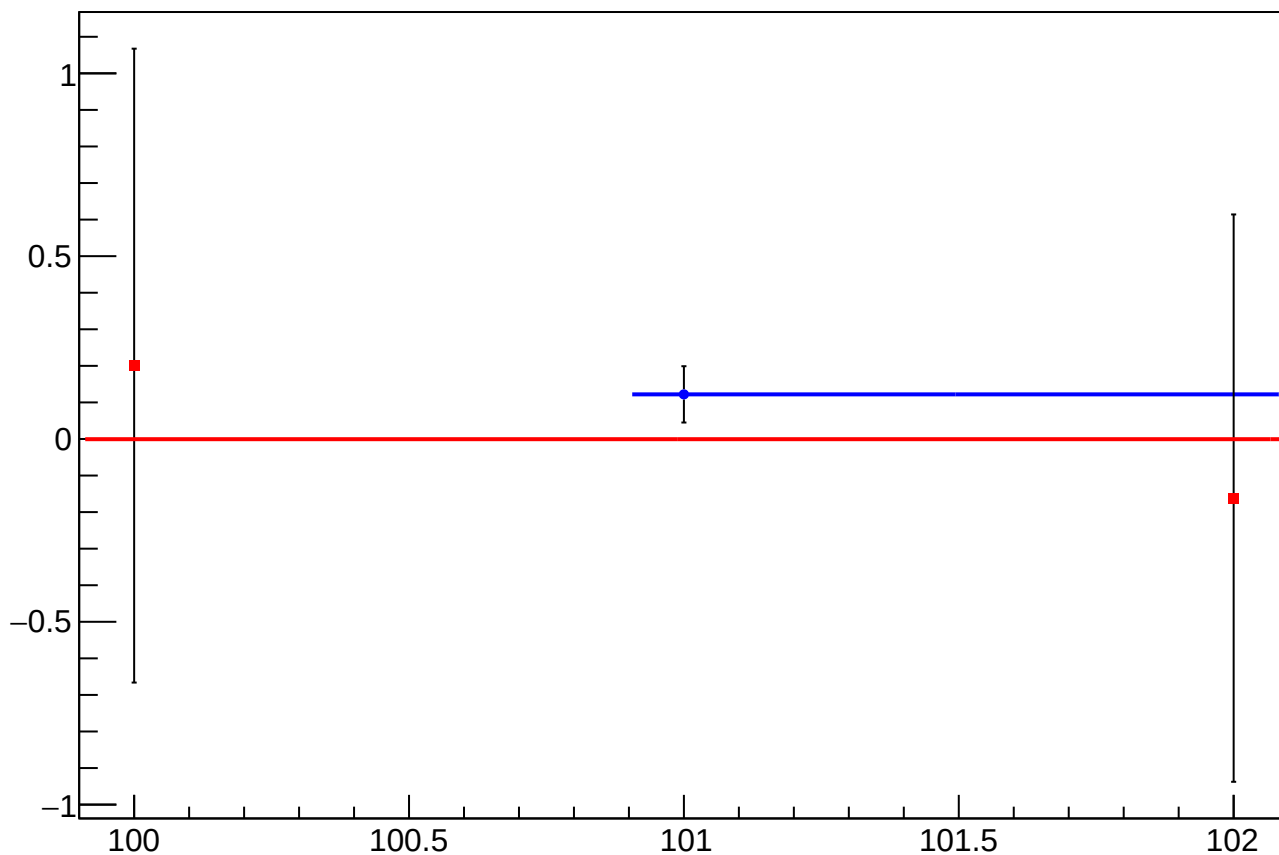
Right: 61.580 $\pm$ 0.054 χ^2 /NDF: 928924.9/2

In: 55.327 $\pm$ 0.054 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 61.580 $\pm$ 0.054 χ^2 /NDF: 928924.9/2

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.122 $\pm$ 0.077 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.001 $\pm$ 0.578 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

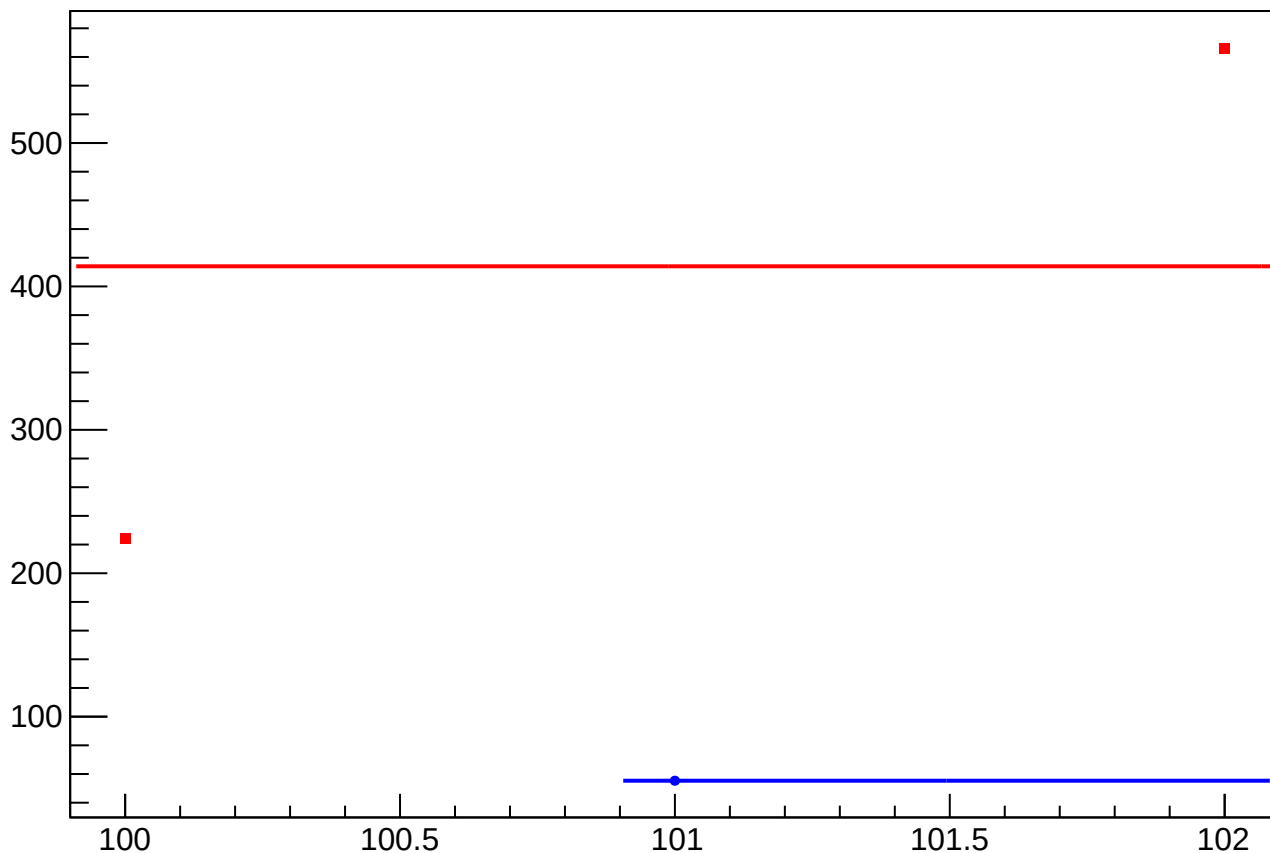
Right: 0.120 $\pm$ 0.076 χ^2 /NDF: 0.1/2

In: 0.122 $\pm$ 0.077 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.120 $\pm$ 0.076 χ^2 /NDF: 0.1/2

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.327 $\pm$ 0.054 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 414.026 $\pm$ 0.409 χ^2 /NDF: 172393.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

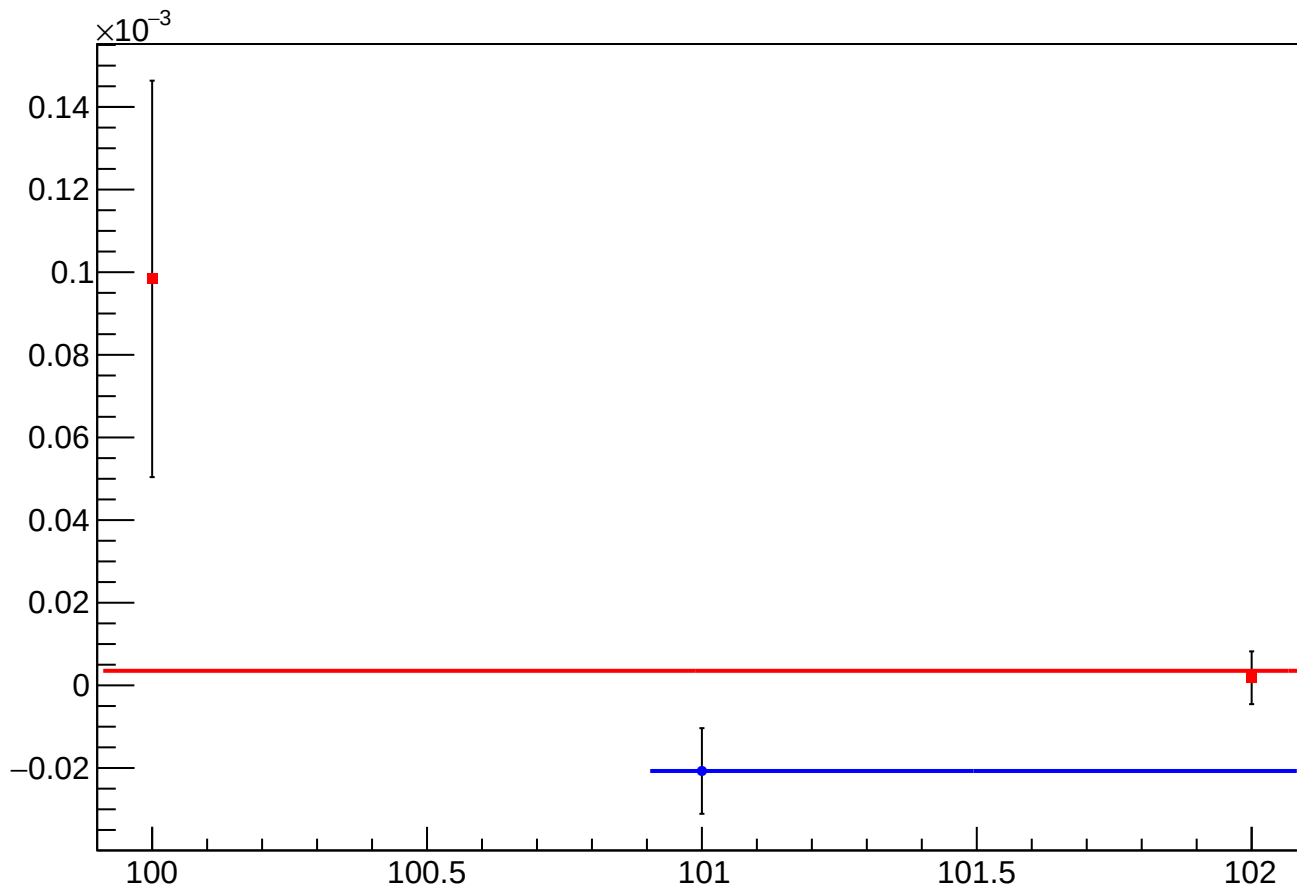
Right: 61.580 $\pm$ 0.054 χ^2 /NDF: 928924.9/2

In: 55.327 $\pm$ 0.054 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 61.580 $\pm$ 0.054 χ^2 /NDF: 928924.9/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

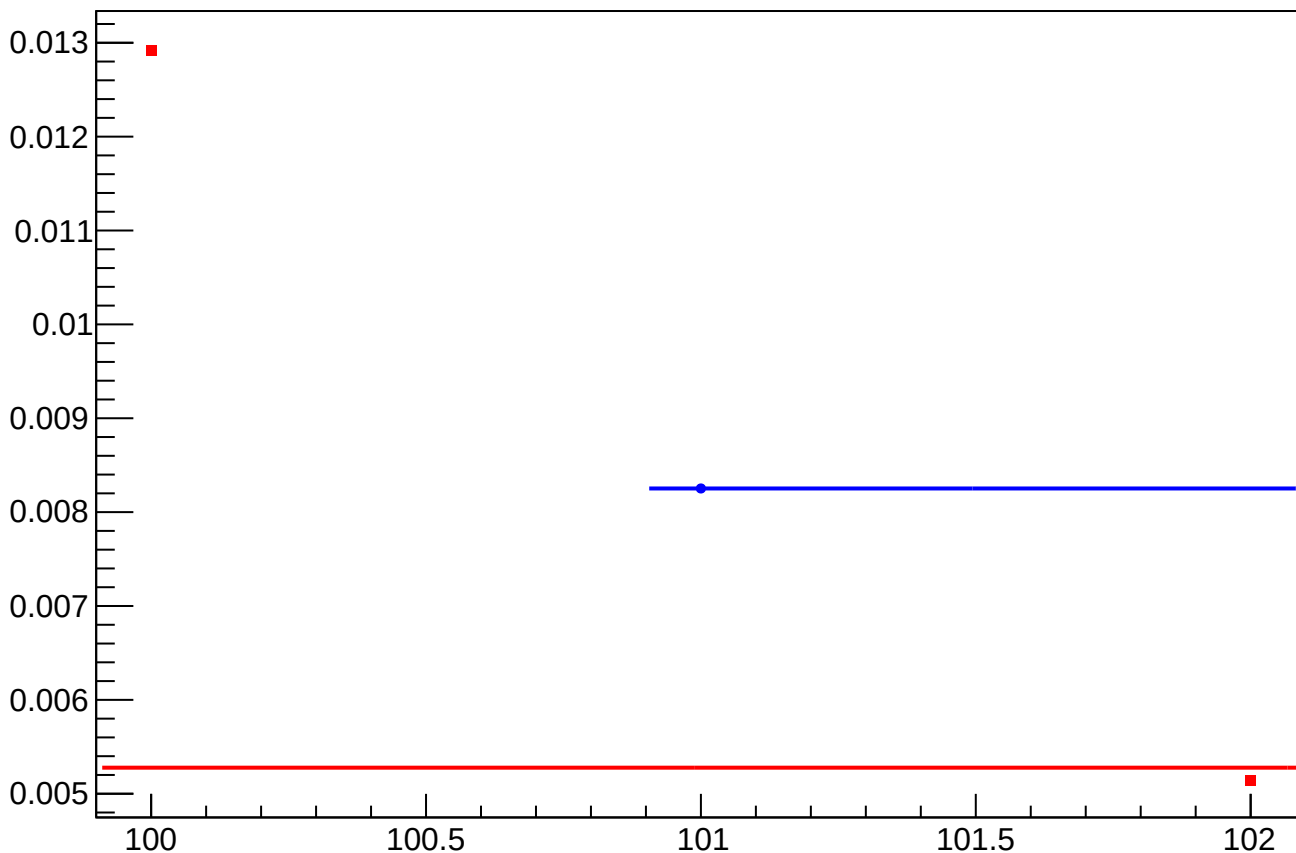
Right: -0.000+/-0.000 χ^2/NDF : 8.0/2

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 : 8.0/2

asym_at1_dd_at2_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 51563.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

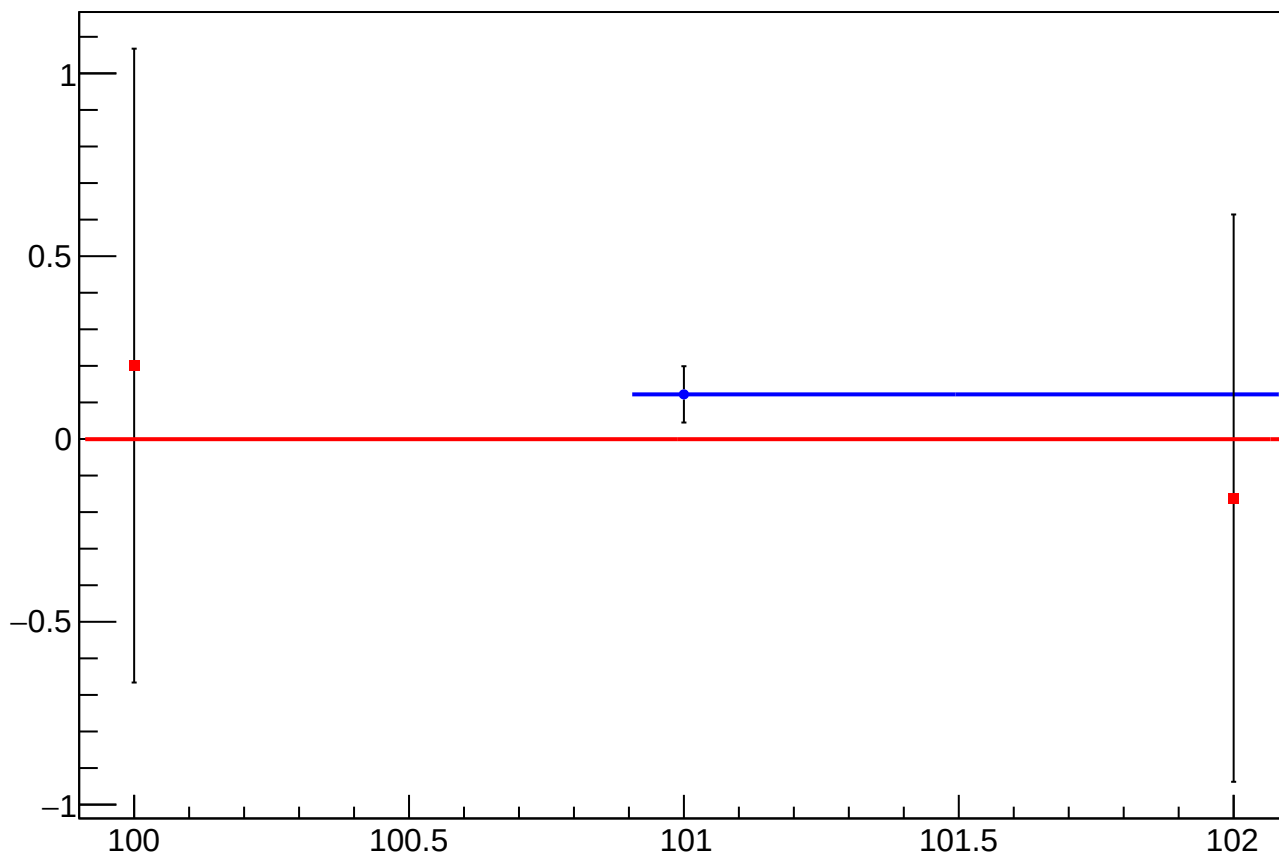
Right: 0.006+/-0.000 χ^2/NDF : 171501.5/2

In: 0.008+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 171501.5/2

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.122 $\pm$ 0.077 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.001 $\pm$ 0.578 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

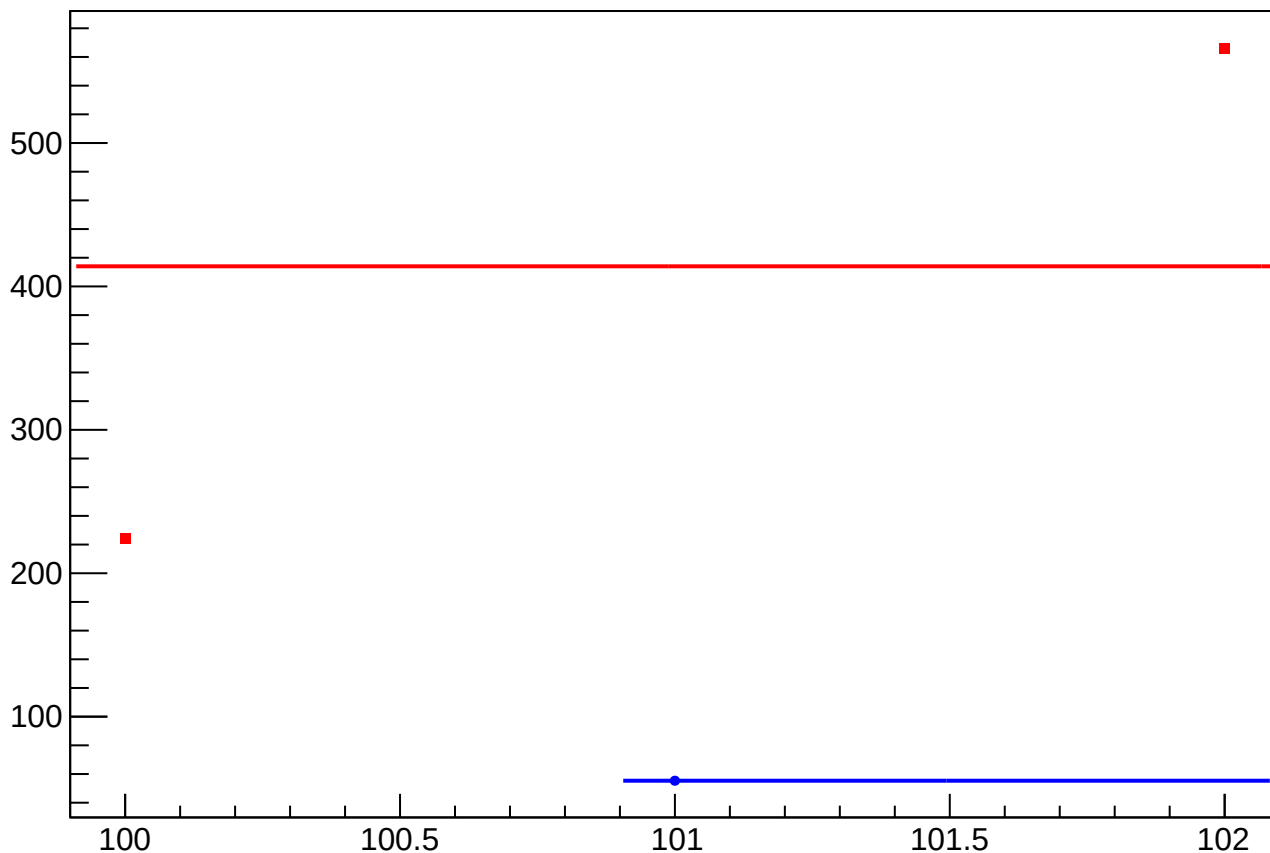
Right: 0.120 $\pm$ 0.076 χ^2 /NDF: 0.1/2

In: 0.122 $\pm$ 0.077 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.120 $\pm$ 0.076 χ^2 /NDF: 0.1/2

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.331 $\pm$ 0.054 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 414.020 $\pm$ 0.409 χ^2 /NDF: 172398.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

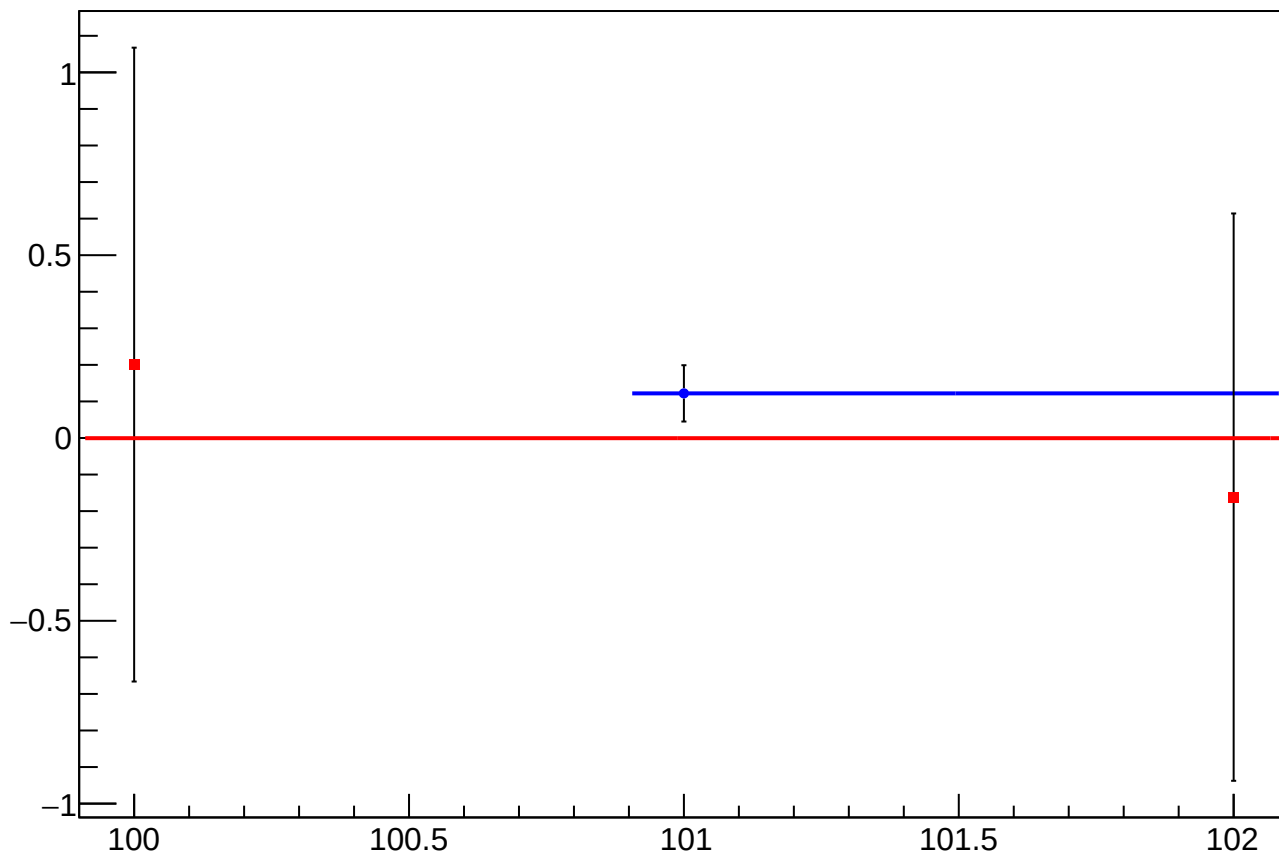
Right: 61.585 $\pm$ 0.054 χ^2 /NDF: 928901.8/2

In: 55.331 $\pm$ 0.054 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 61.585 $\pm$ 0.054 χ^2 /NDF: 928901.8/2

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.122+/-0.077 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.001+/-0.578 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

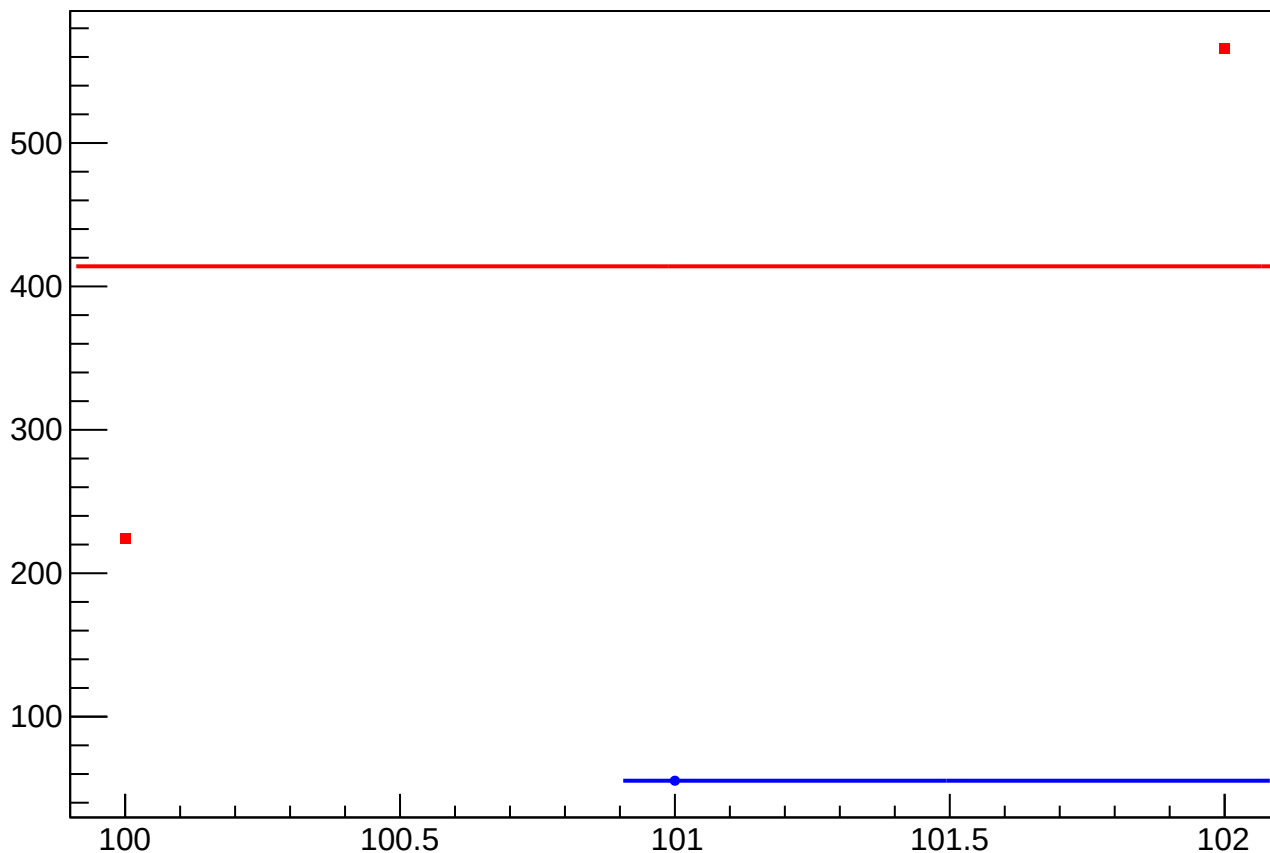
Right: 0.120+/-0.076 χ^2/NDF : 0.1/2

In: 0.122+/-0.077 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.120+/-0.076 χ^2/NDF : 0.1/2

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.331+/-0.054 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 414.020+/-0.409 χ^2/NDF : 172398.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

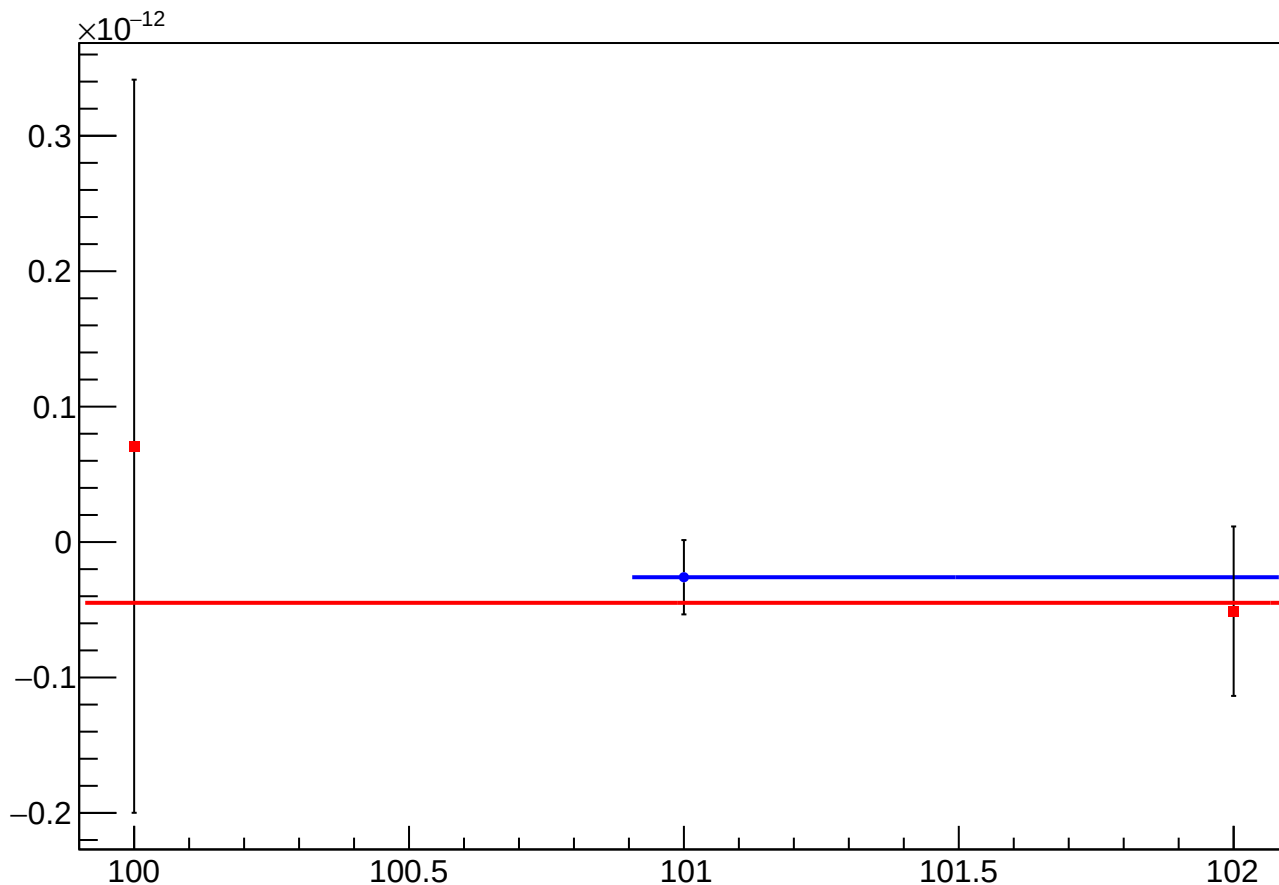
Right: 61.585+/-0.054 χ^2/NDF : 928901.8/2

In: 55.331+/-0.054 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.585+/-0.054 χ^2/NDF : 928901.8/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

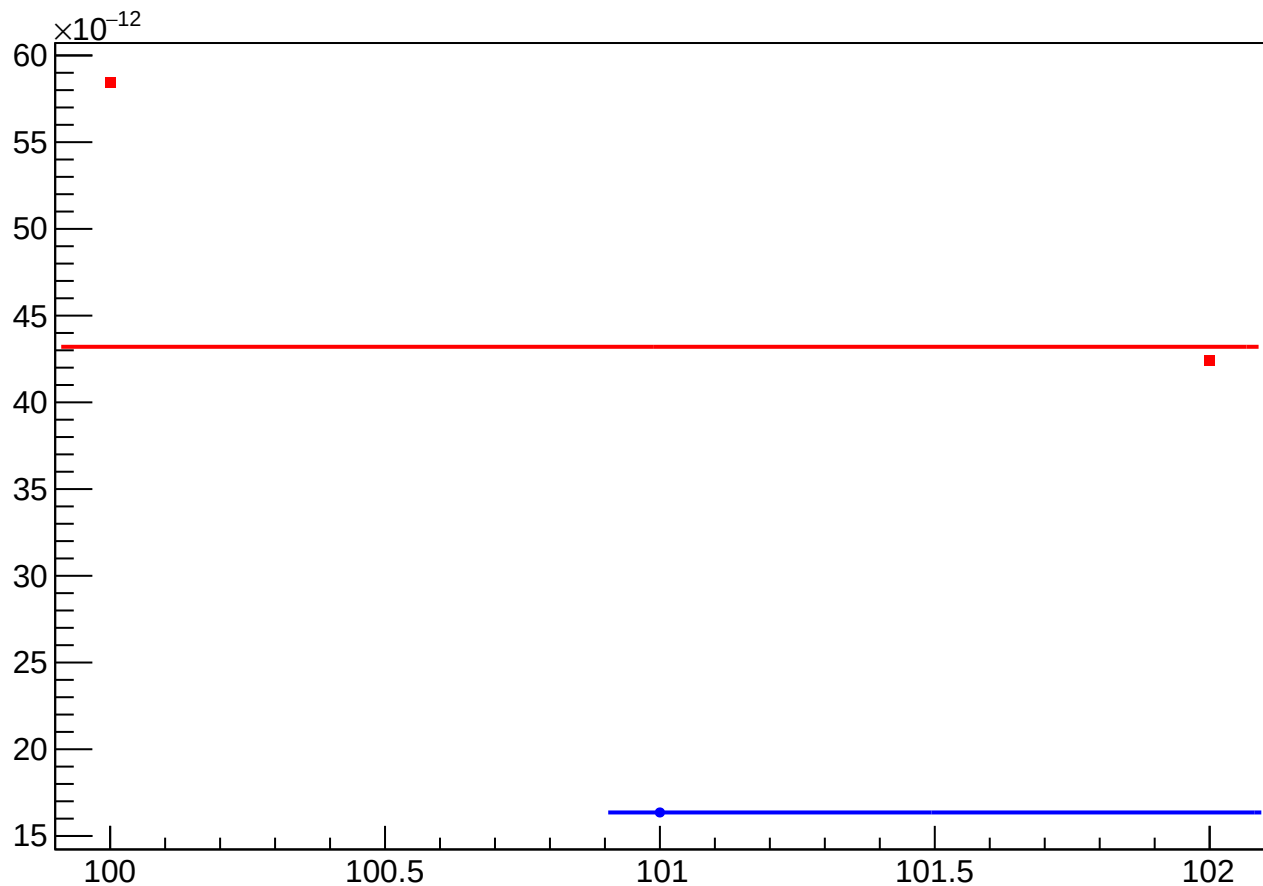
Right: -0.000+/-0.000 χ^2/NDF : 0.3/2

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 : 0.3/2

asym_at1_dd_at2_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6651.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

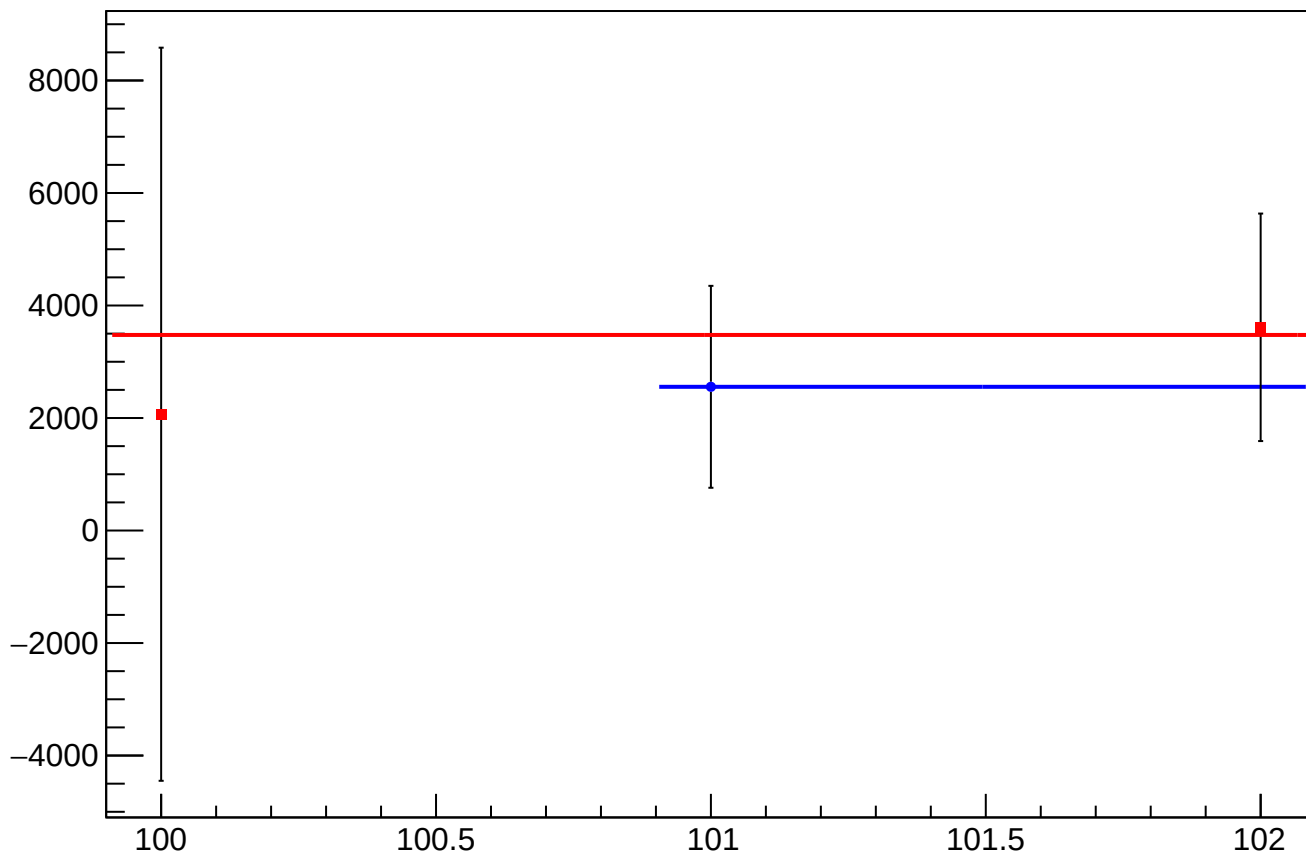
Right: 0.000+/-0.000 χ^2/NDF : 329252.7/2

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 : 329252.7/2

reg_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2554.700+/-1794.645 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3476.582+/-1931.202 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

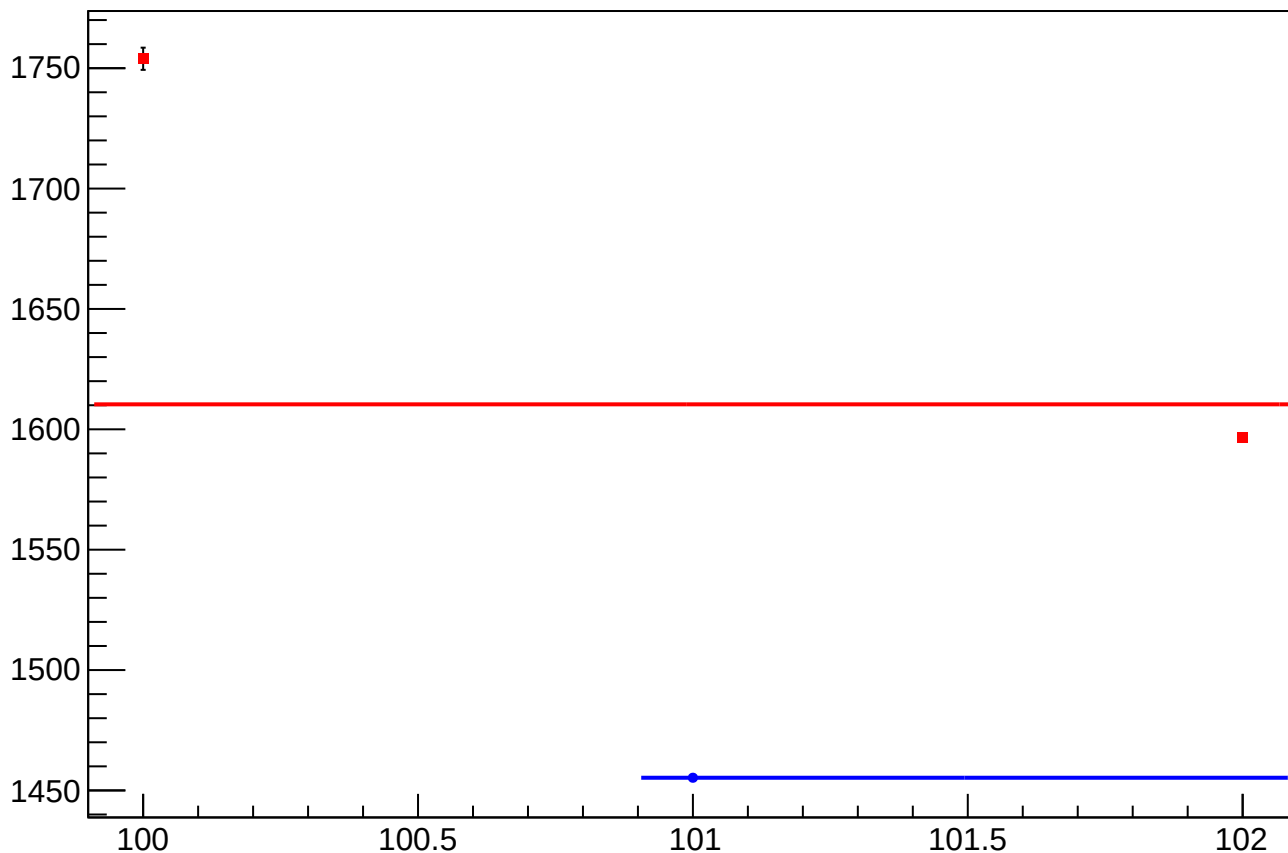
Right: 2981.898+/-1314.634 χ^2/NDF : 0.2/2

In: 2554.700+/-1794.645 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2981.898+/-1314.634 χ^2/NDF : 0.2/2

reg_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1455.270+/-1.269 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1610.376+/-1.366 χ^2/NDF : 1064.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

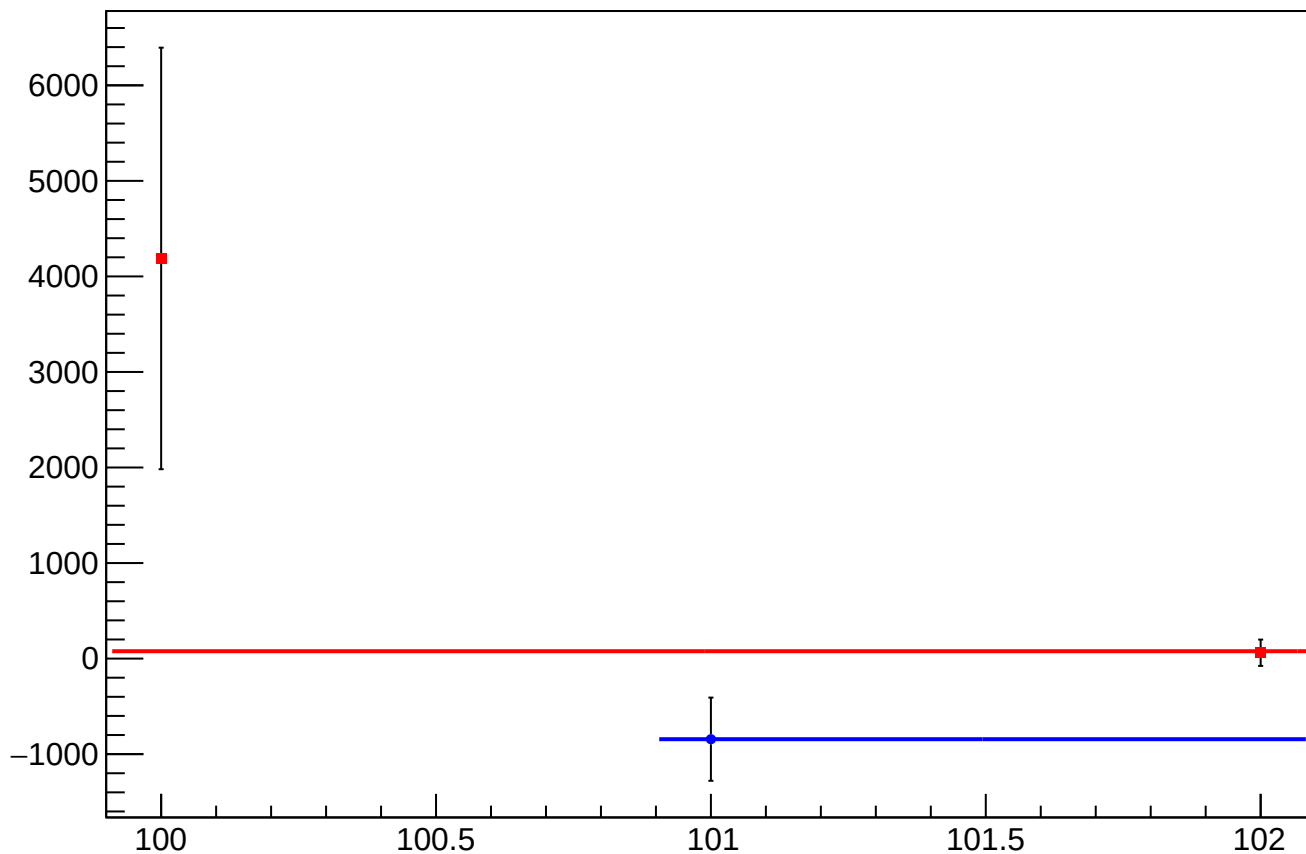
Right: 1527.146+/-0.930 χ^2/NDF : 7986.8/2

In: 1455.270+/-1.269 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1527.146+/-0.930 χ^2/NDF : 7986.8/2

asym_usl_atl1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -843.695+/-435.404 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 77.136+/-137.469 χ^2 /NDF: 3.5/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

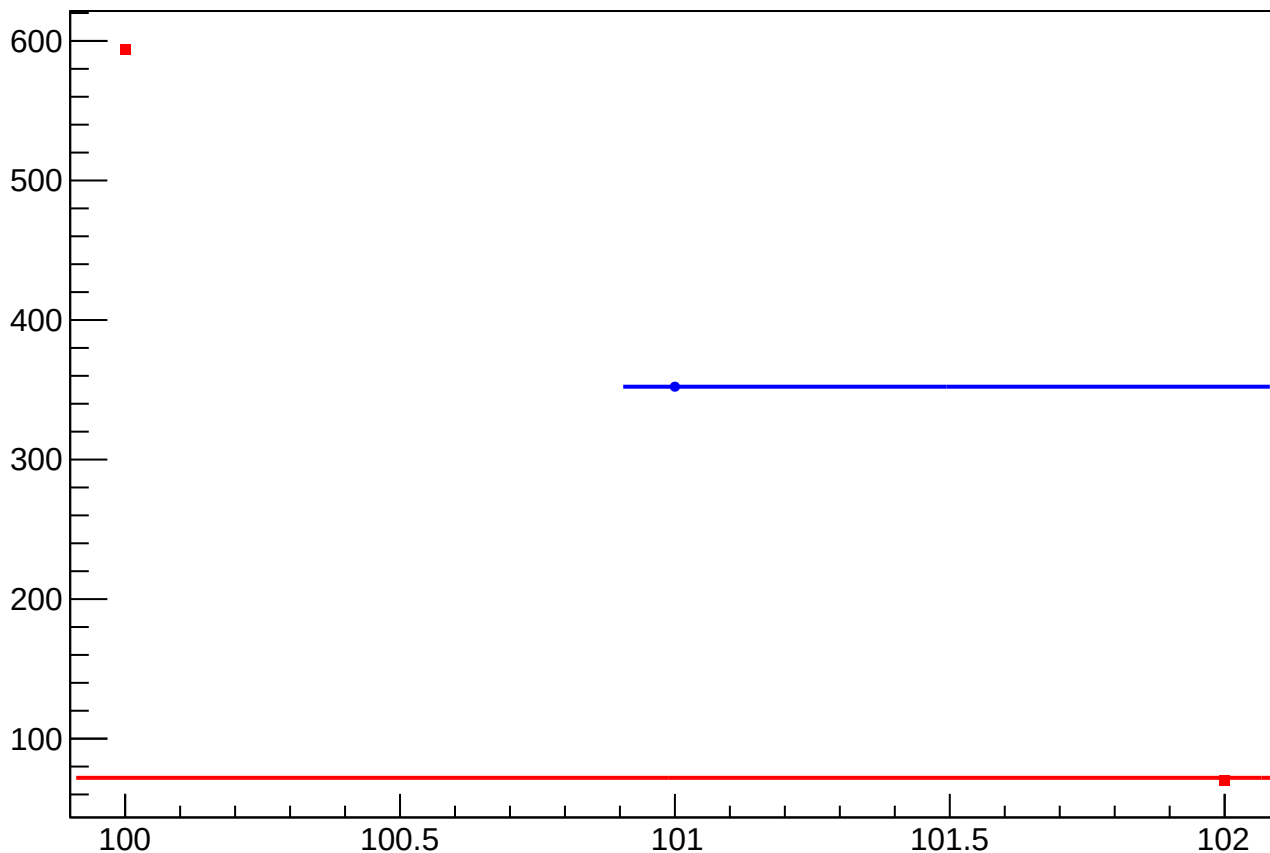
Right: -6.336+/-131.091 χ^2 /NDF: 7.6/2

In: -843.695+/-435.404 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -6.336+/-131.091 χ^2 /NDF: 7.6/2

asym_usl_atl1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 352.214 $\pm$ 0.308 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 71.926 $\pm$ 0.097 χ^2 /NDF: 112291.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

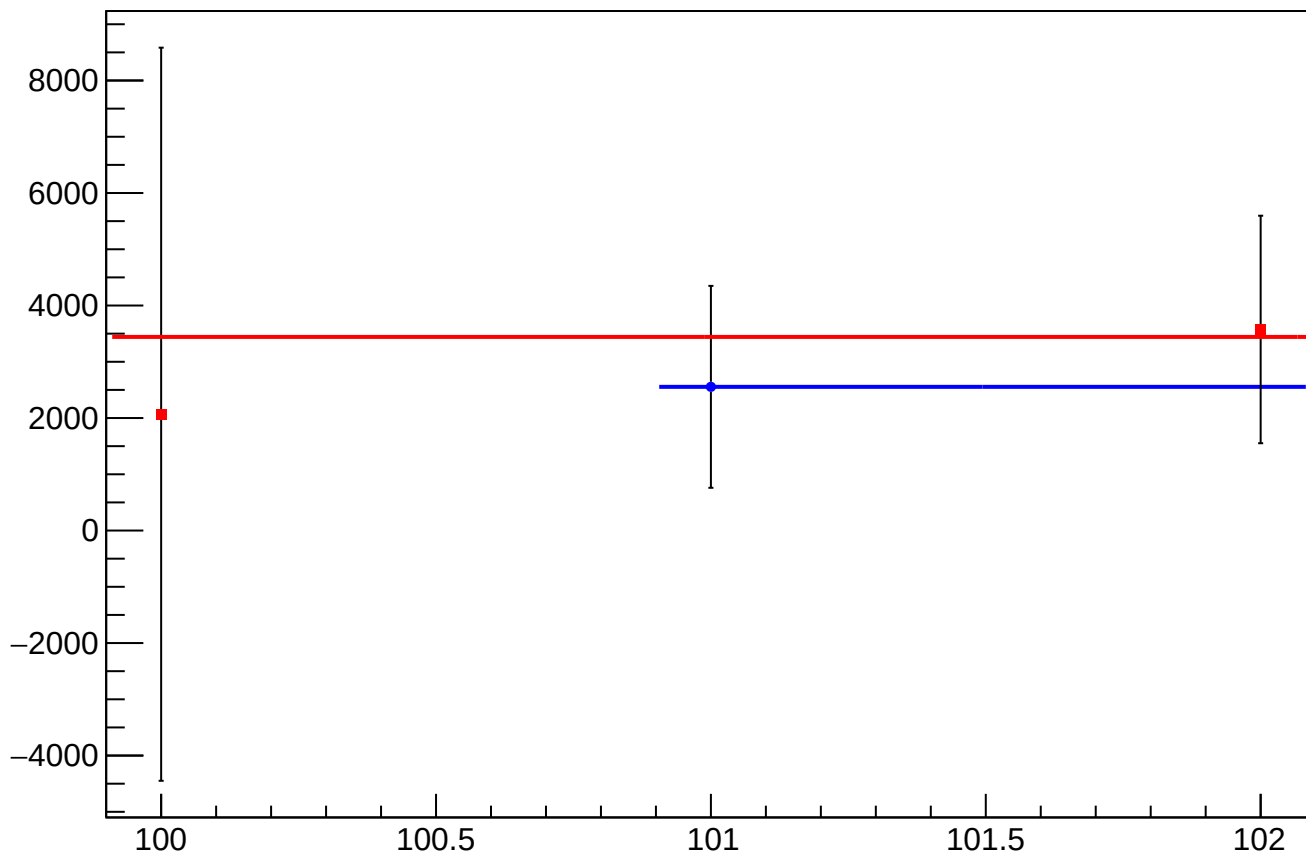
Right: 97.334 $\pm$ 0.093 χ^2 /NDF: 865970.7/2

In: 352.214 $\pm$ 0.308 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 97.334 $\pm$ 0.093 χ^2 /NDF: 865970.7/2

cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2554.502+/-1794.645 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3441.844+/-1931.406 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

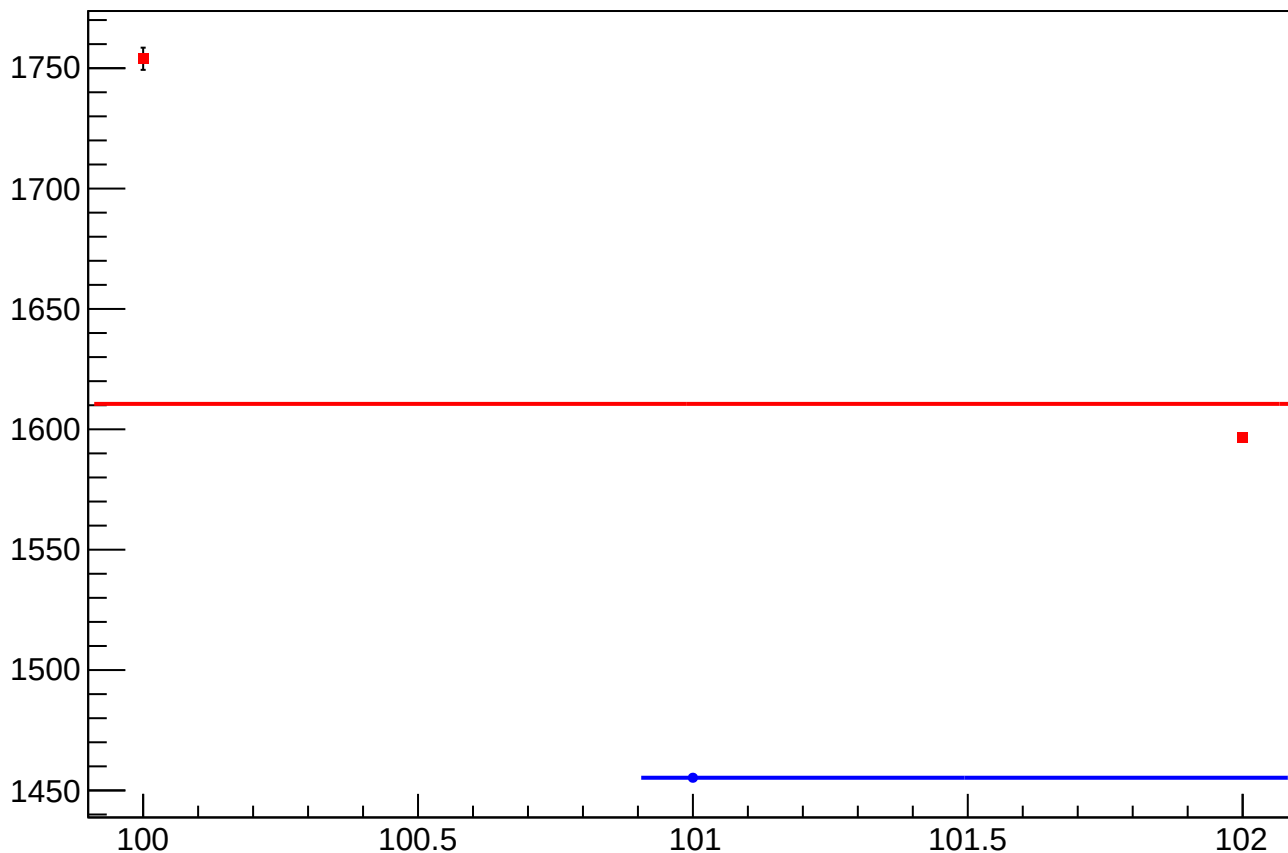
Right: 2965.648+/-1314.698 χ^2/NDF : 0.2/2

In: 2554.502+/-1794.645 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2965.648+/-1314.698 χ^2/NDF : 0.2/2

cor_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1455.270+/-1.269 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1610.562+/-1.366 χ^2/NDF : 1061.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

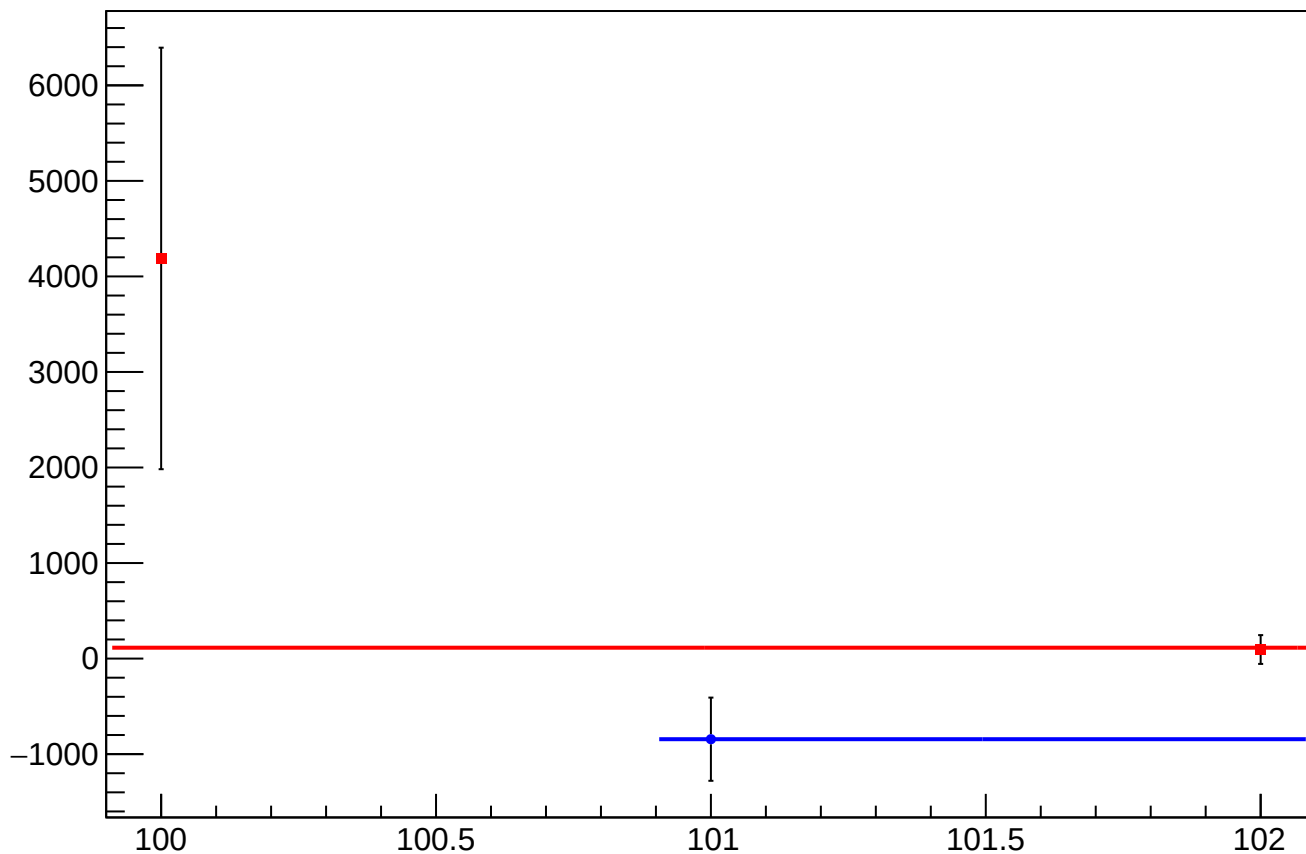
Right: 1527.224+/-0.930 χ^2/NDF : 7999.9/2

In: 1455.270+/-1.269 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1527.224+/-0.930 χ^2/NDF : 7999.9/2

asym_usl_atl1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -843.817+/-435.403 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.913+/-150.408 χ^2/NDF : 3.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

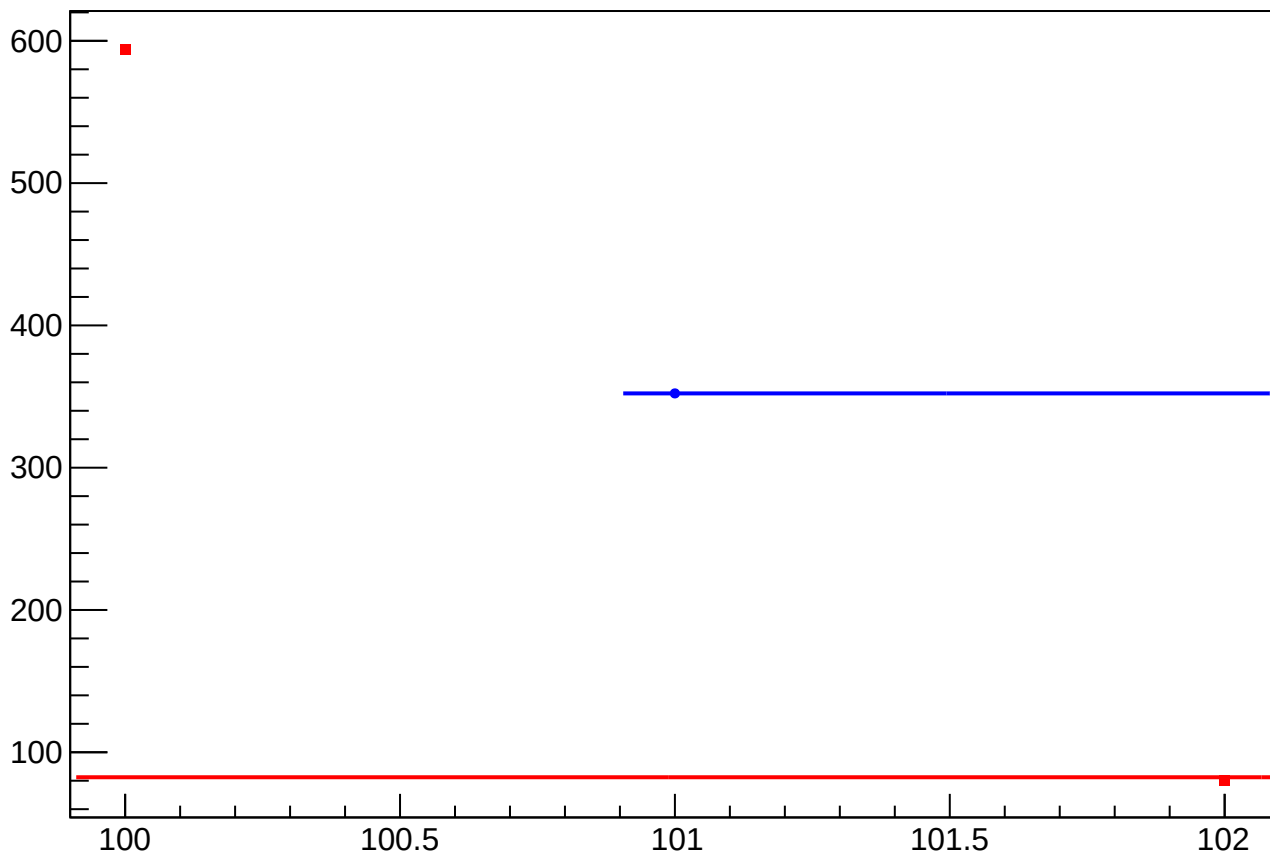
Right: 11.809+/-142.164 χ^2/NDF : 7.7/2

In: -843.817+/-435.403 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.809+/-142.164 χ^2/NDF : 7.7/2

asym_usl_atl1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 352.213+/-0.308 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.437+/-0.106 χ^2/NDF : 107896.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

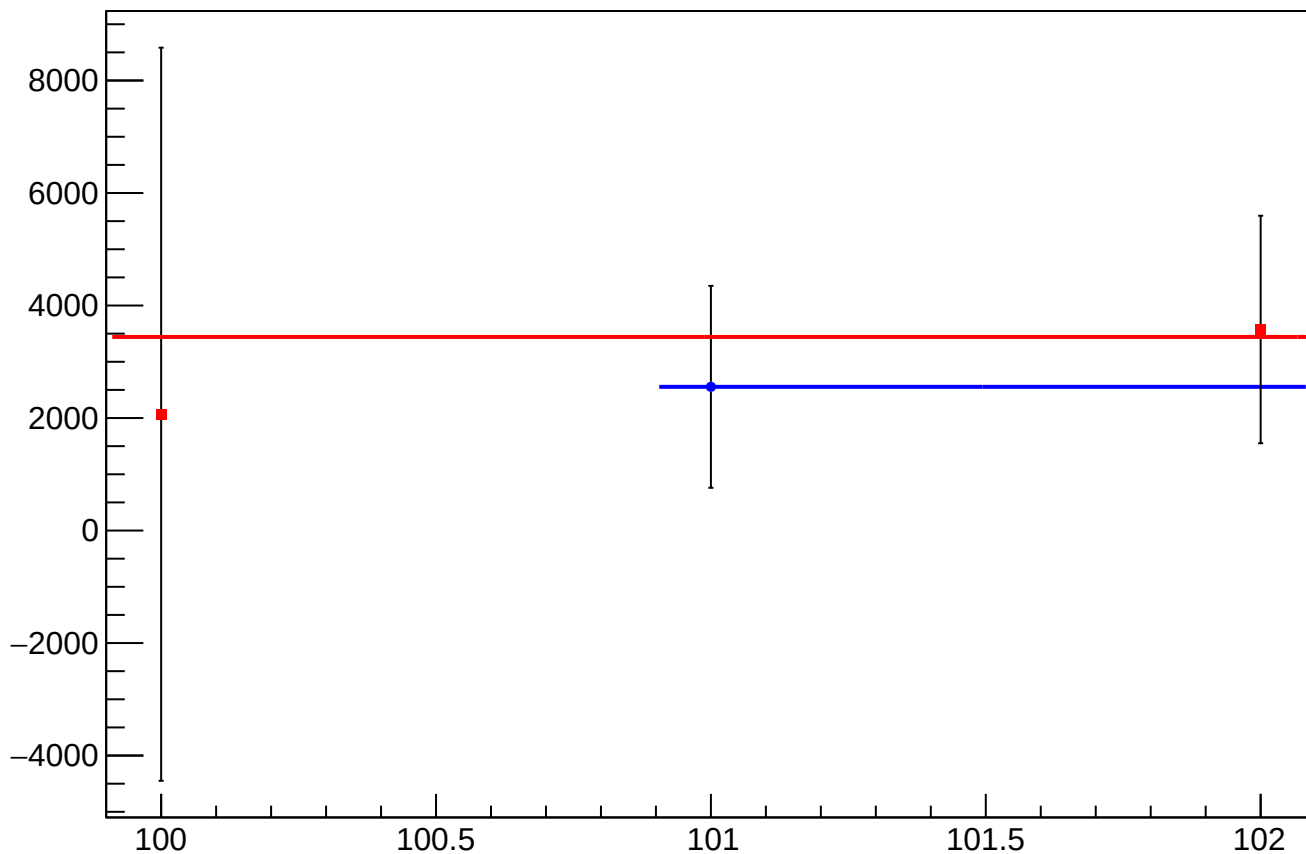
Right: 111.198+/-0.101 χ^2/NDF : 793852.4/2

In: 352.213+/-0.308 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.198+/-0.101 χ^2/NDF : 793852.4/2

eigen_cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2554.502+/-1794.645 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3441.844+/-1931.406 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

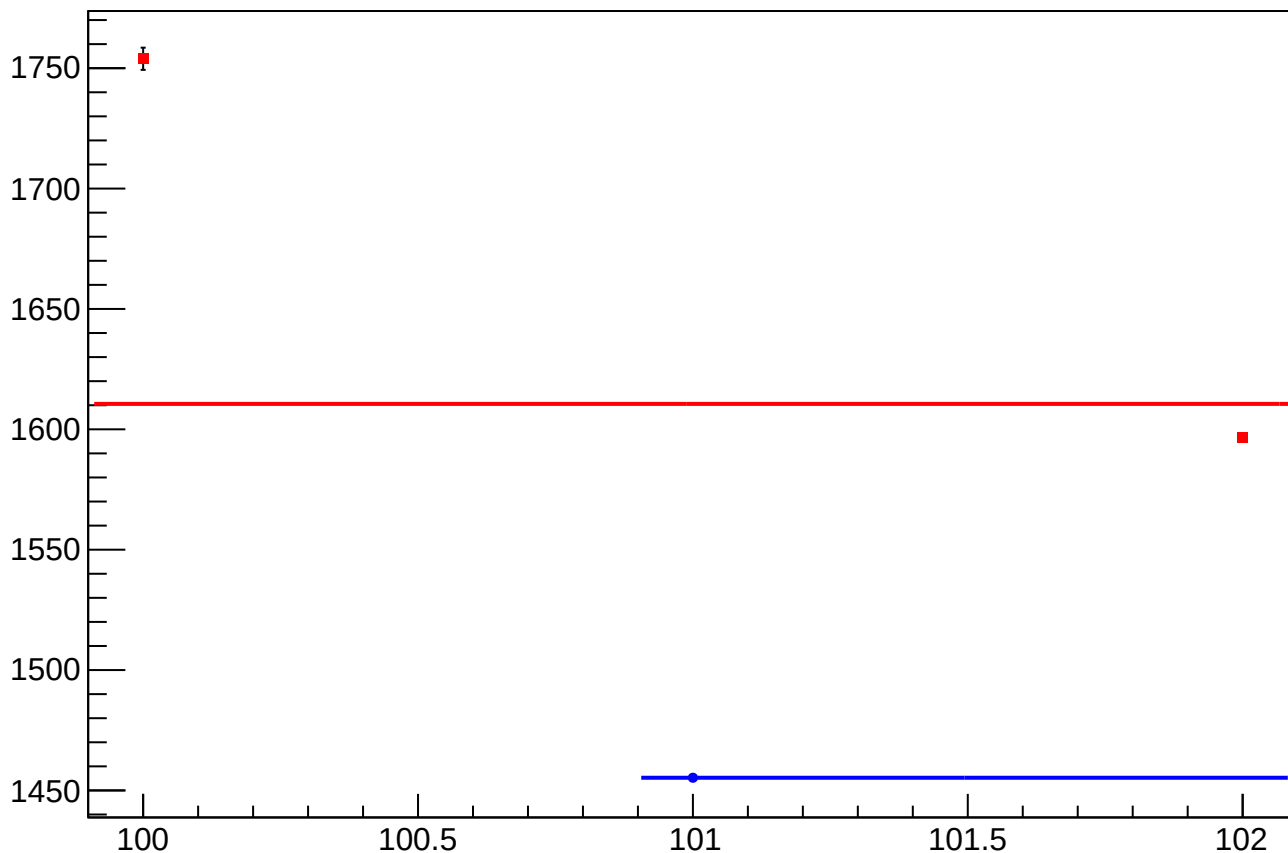
Right: 2965.648+/-1314.698 χ^2/NDF : 0.2/2

In: 2554.502+/-1794.645 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2965.648+/-1314.698 χ^2/NDF : 0.2/2

eigen_cor_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1455.270 ± 1.269 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1610.562 ± 1.366 $\chi^2/\text{NDF}: 1061.3/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

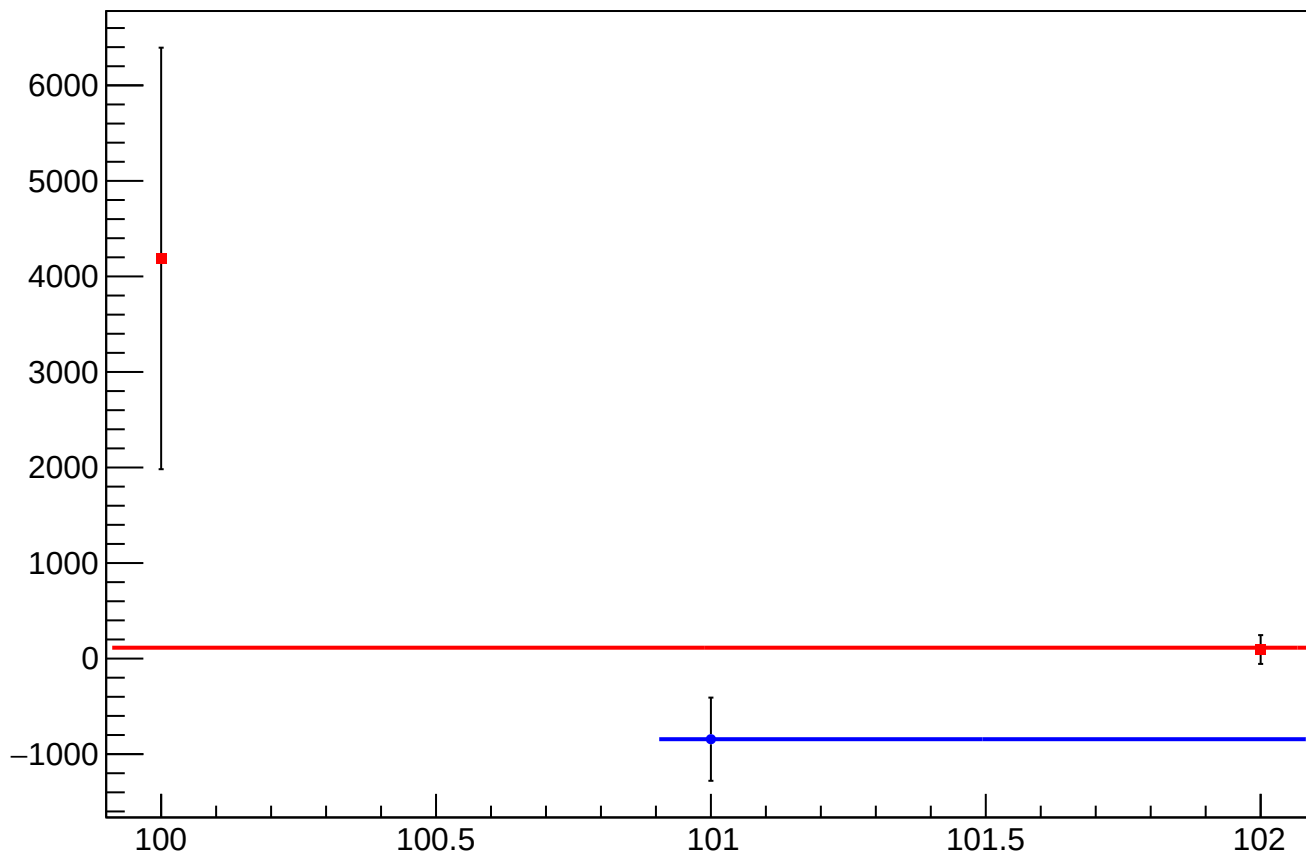
Right: 1527.224 ± 0.930 $\chi^2/\text{NDF}: 7999.9/2$

In: 1455.270 ± 1.269 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 1527.224 ± 0.930 $\chi^2/\text{NDF}: 7999.9/2$

asym_usl_atl1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -843.817+/-435.403 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.913+/-150.408 χ^2/NDF : 3.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

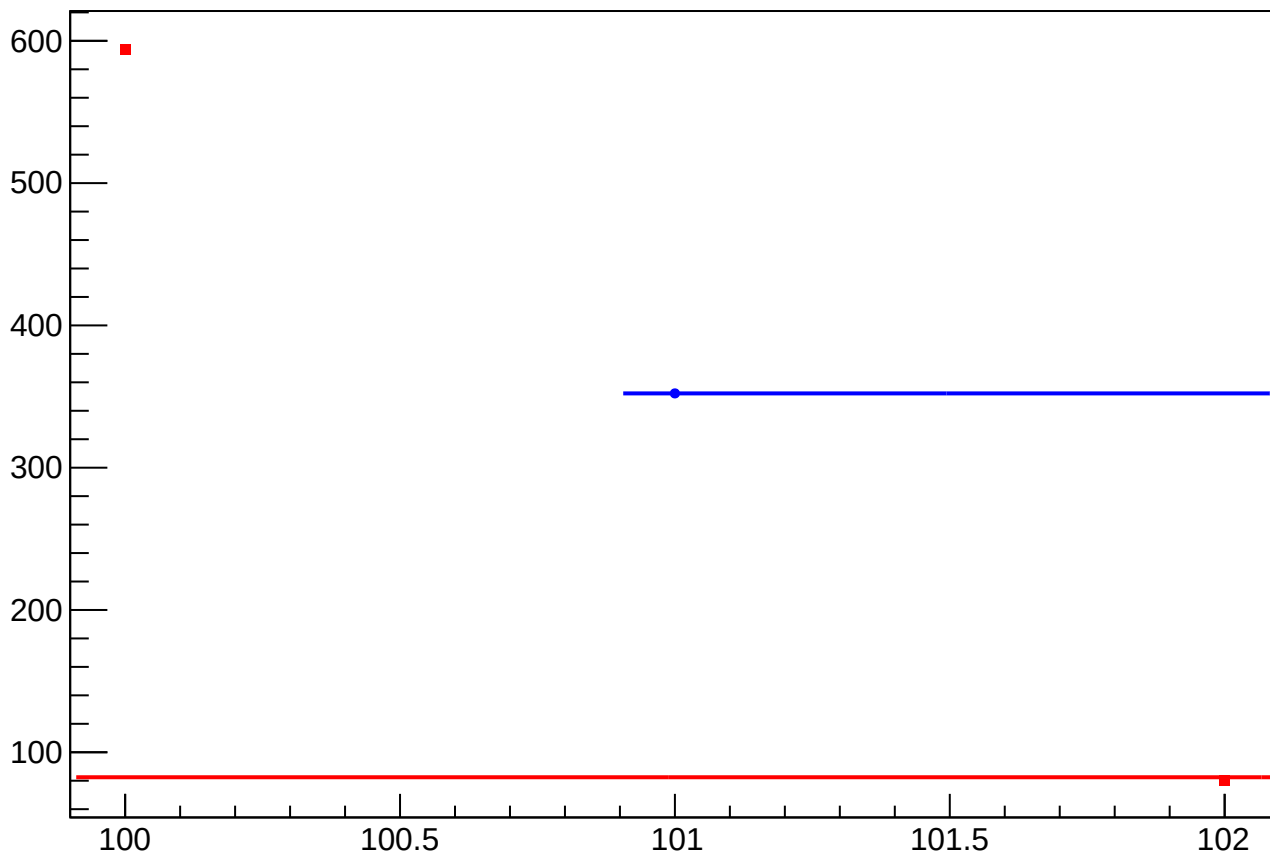
Right: 11.809+/-142.164 χ^2/NDF : 7.7/2

In: -843.817+/-435.403 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.809+/-142.164 χ^2/NDF : 7.7/2

asym_usl_atl1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 352.213+/-0.308 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.437+/-0.106 χ^2/NDF : 107896.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

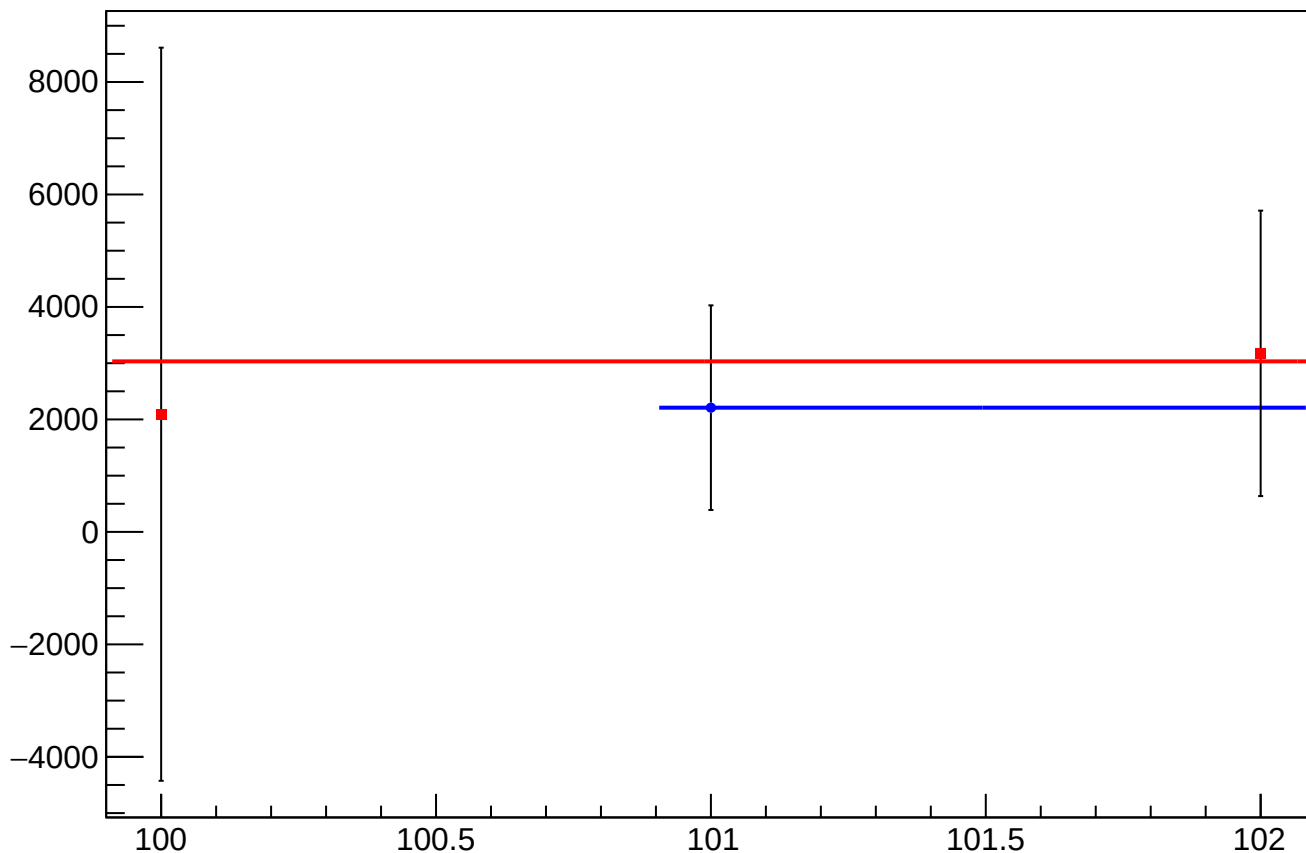
Right: 111.198+/-0.101 χ^2/NDF : 793852.4/2

In: 352.213+/-0.308 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.198+/-0.101 χ^2/NDF : 793852.4/2

dit_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2208.895+/-1819.623 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3032.333+/-2364.969 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

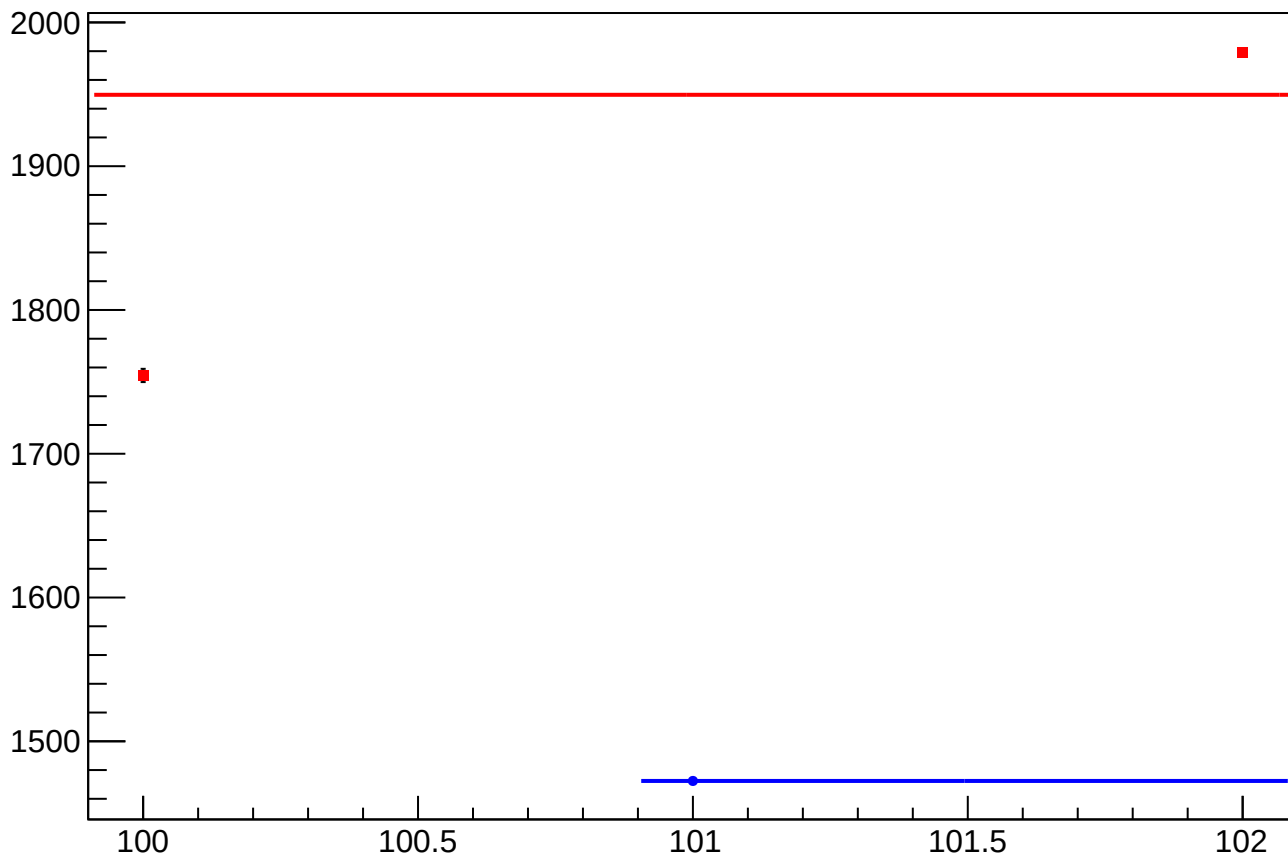
Right: 2515.094+/-1442.154 χ^2/NDF : 0.1/2

In: 2208.895+/-1819.623 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2515.094+/-1442.154 χ^2/NDF : 0.1/2

dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1472.420 ± 1.287 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1949.661 ± 1.672 $\chi^2/\text{NDF}: 2065.8/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

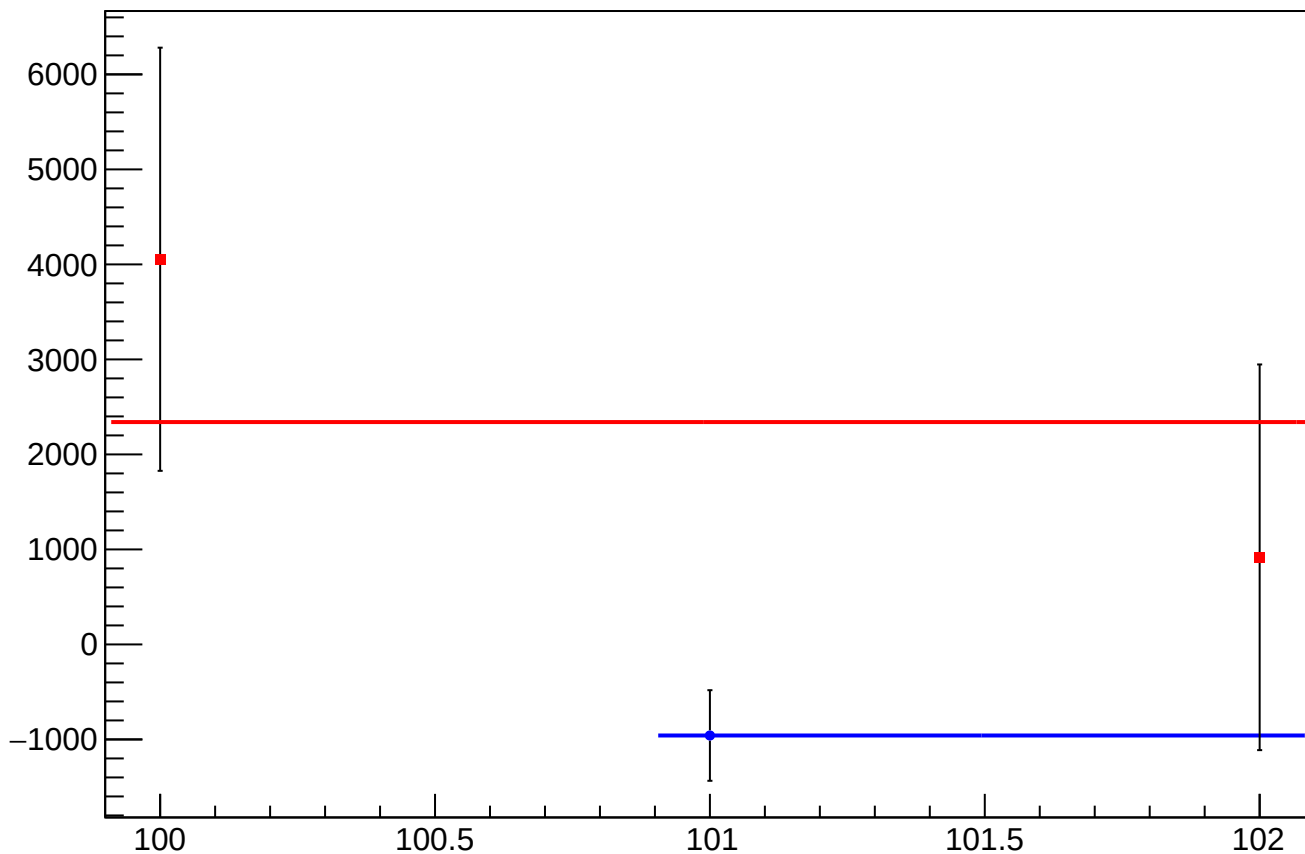
Right: 1649.884 ± 1.020 $\chi^2/\text{NDF}: 53223.9/2$

In: 1472.420 ± 1.287 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 1649.884 ± 1.020 $\chi^2/\text{NDF}: 53223.9/2$

asym_usl_atl1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -958.489+/-476.879 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2340.512+/-1500.121 χ^2/NDF : 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

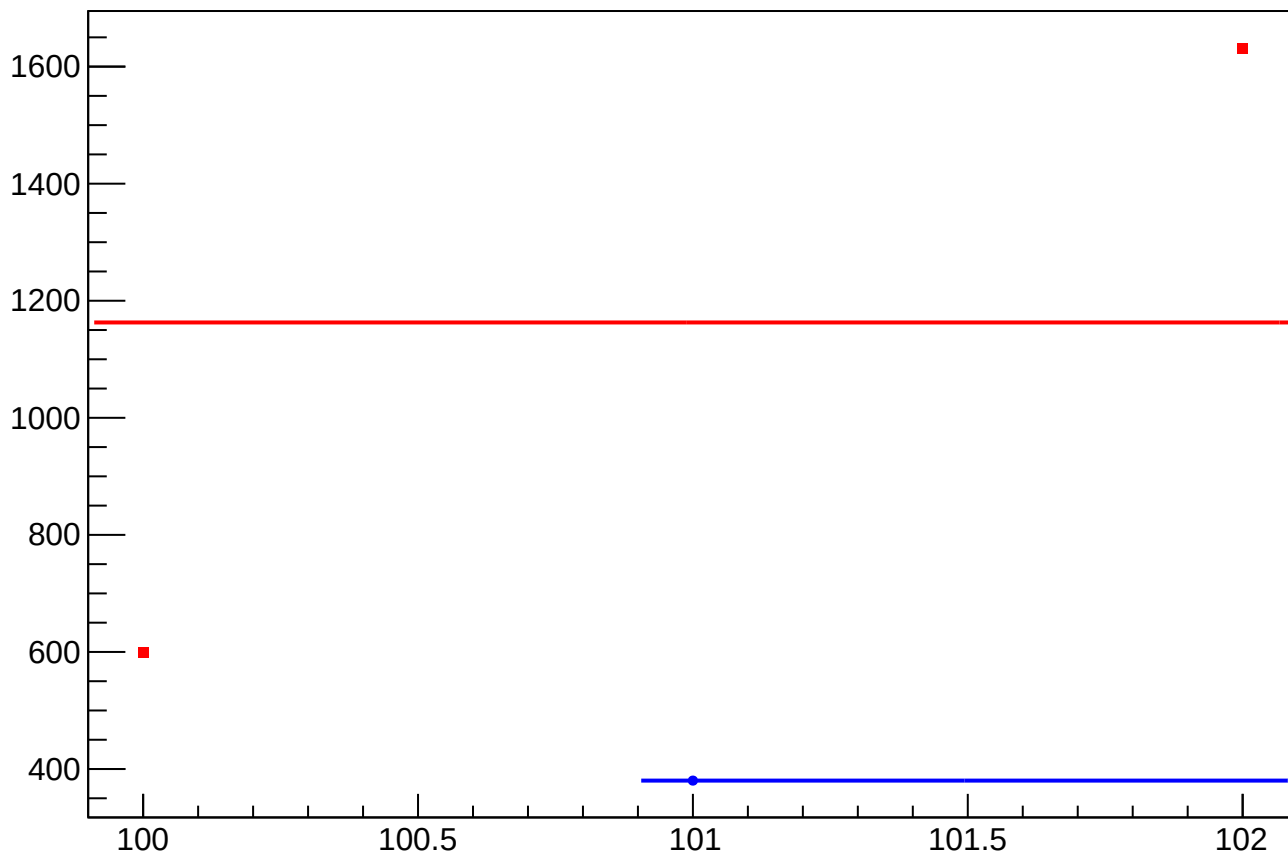
Right: -655.702+/-454.468 χ^2/NDF : 5.5/2

In: -958.489+/-476.879 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -655.702+/-454.468 χ^2/NDF : 5.5/2

asym_usl_atl1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 380.208+/-0.337 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1162.901+/-1.061 χ^2/NDF : 234371.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

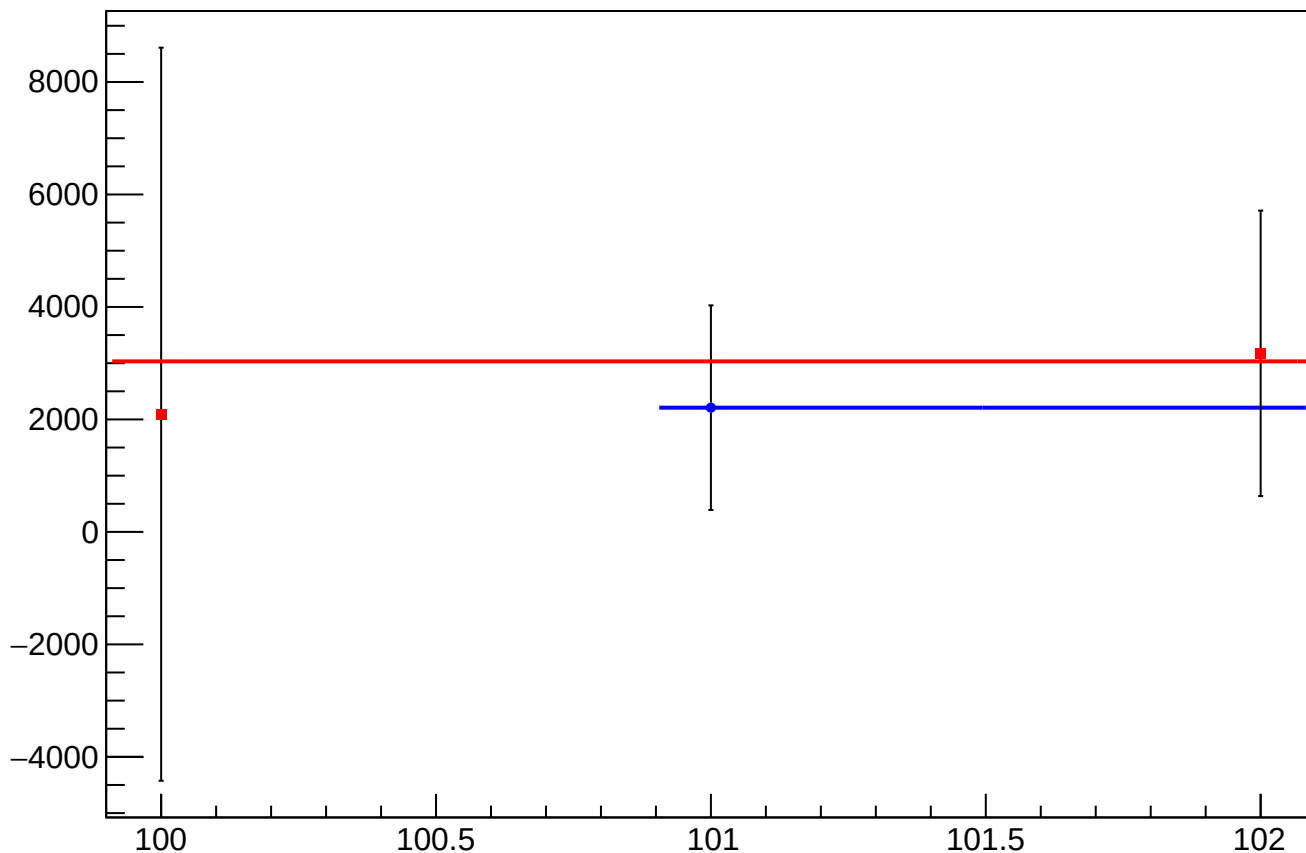
Right: 452.045+/-0.321 χ^2/NDF : 728853.7/2

In: 380.208+/-0.337 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 452.045+/-0.321 χ^2/NDF : 728853.7/2

eigen_dit_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2208.890+/-1819.623 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3032.321+/-2364.970 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

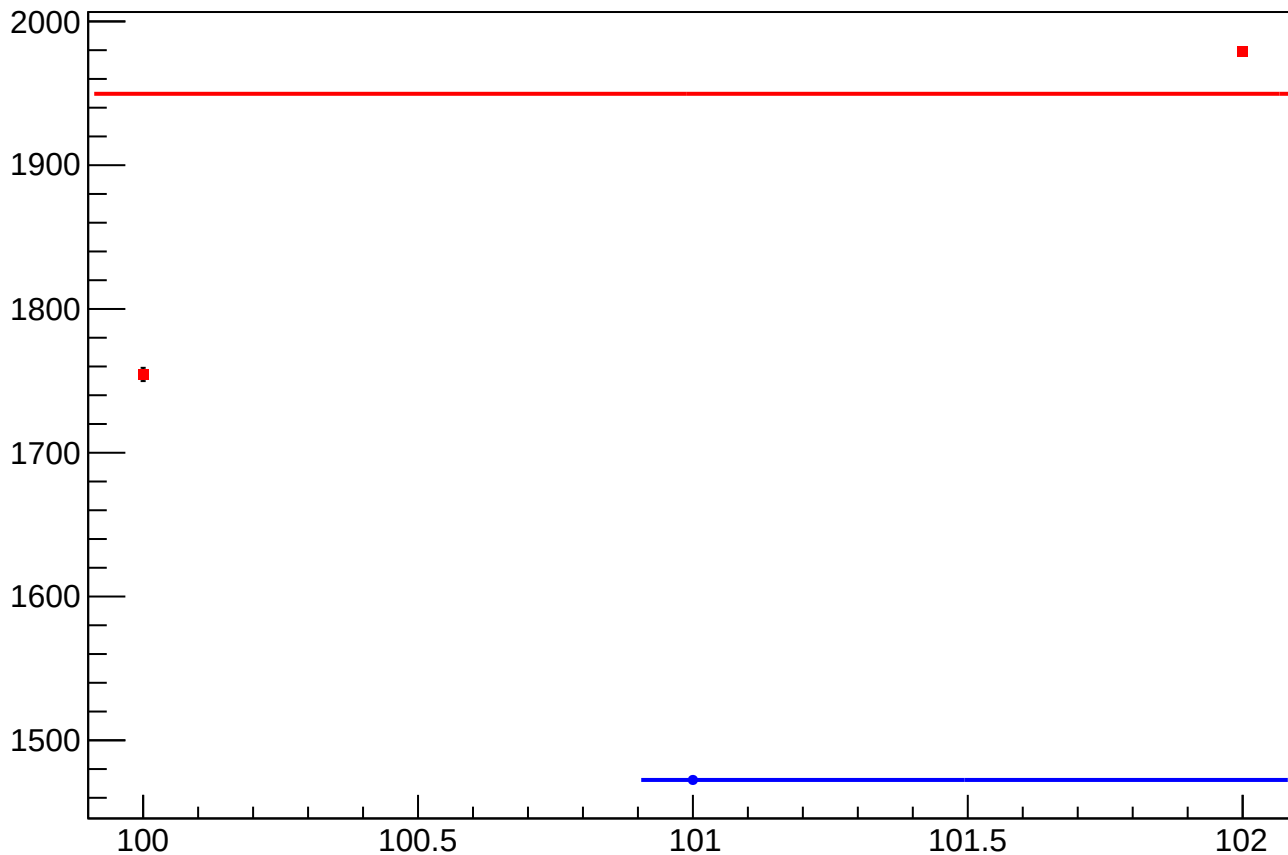
Right: 2515.086+/-1442.155 χ^2/NDF : 0.1/2

In: 2208.890+/-1819.623 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2515.086+/-1442.155 χ^2/NDF : 0.1/2

eigen_dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1472.420+/-1.287 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1949.660+/-1.672 χ^2/NDF : 2065.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

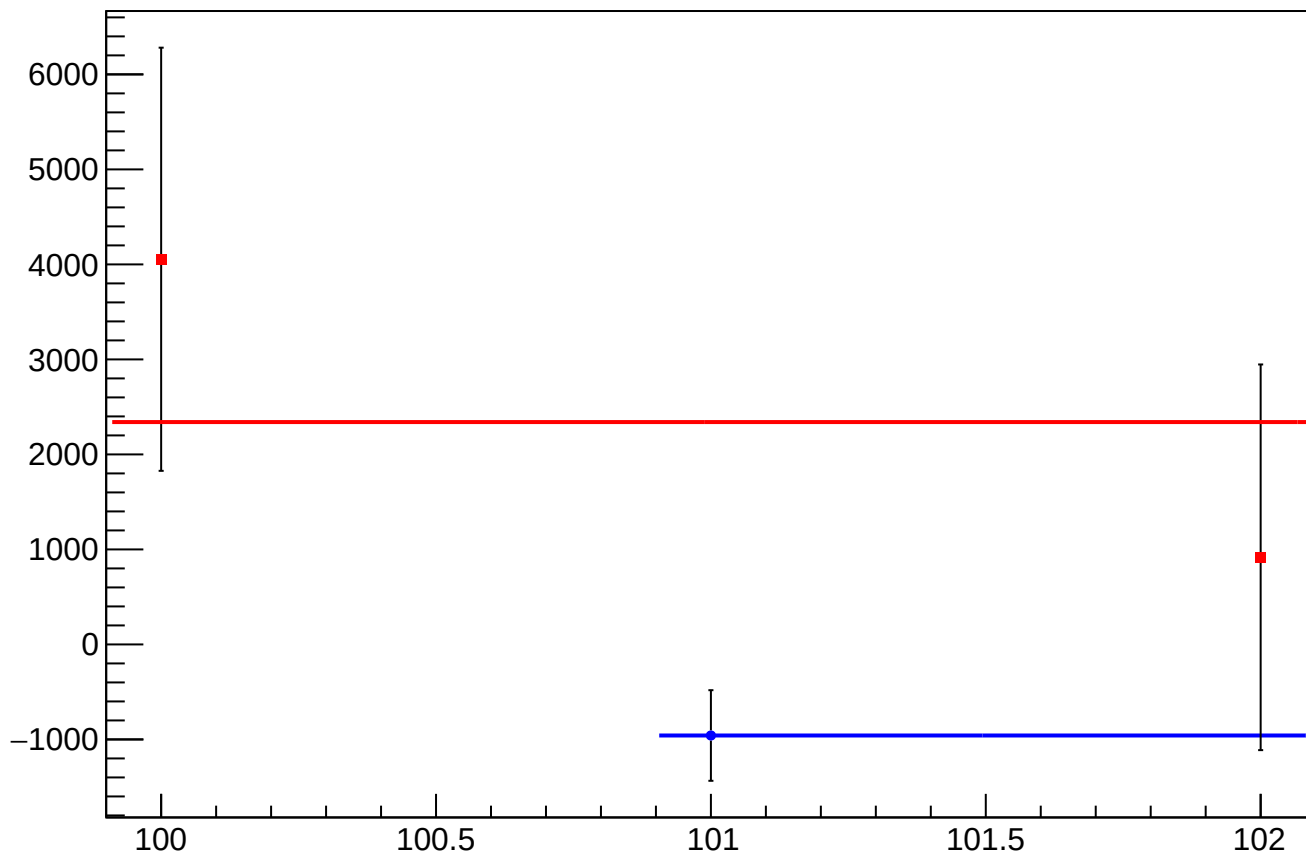
Right: 1649.884+/-1.020 χ^2/NDF : 53223.8/2

In: 1472.420+/-1.287 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1649.884+/-1.020 χ^2/NDF : 53223.8/2

asym_usl_atl1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -958.492+/-476.880 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2340.521+/-1500.126 χ^2/NDF : 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

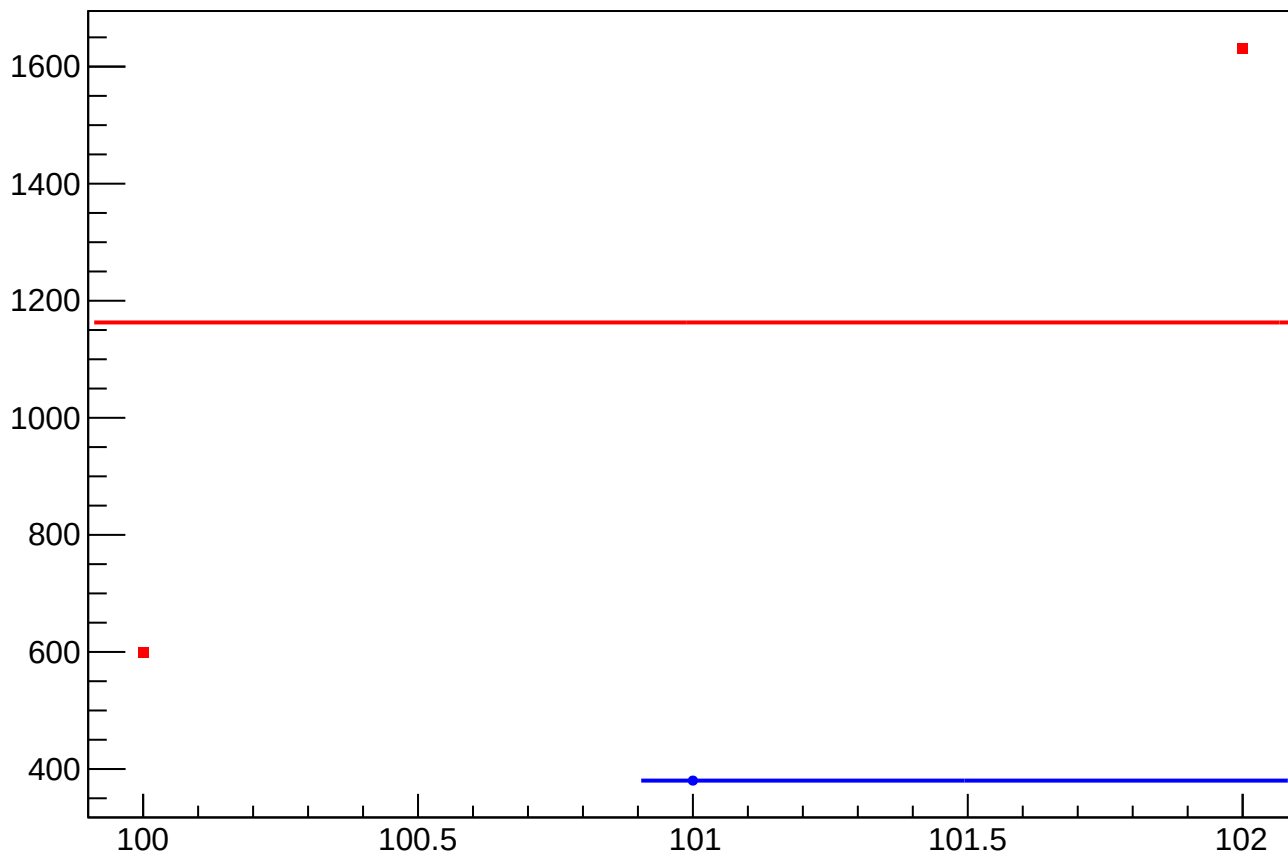
Right: -655.705+/-454.469 χ^2/NDF : 5.5/2

In: -958.492+/-476.880 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -655.705+/-454.469 χ^2/NDF : 5.5/2

asym_usl_atl1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 380.209 $\pm$ 0.337 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1162.905 $\pm$ 1.061 χ^2 /NDF: 234371.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

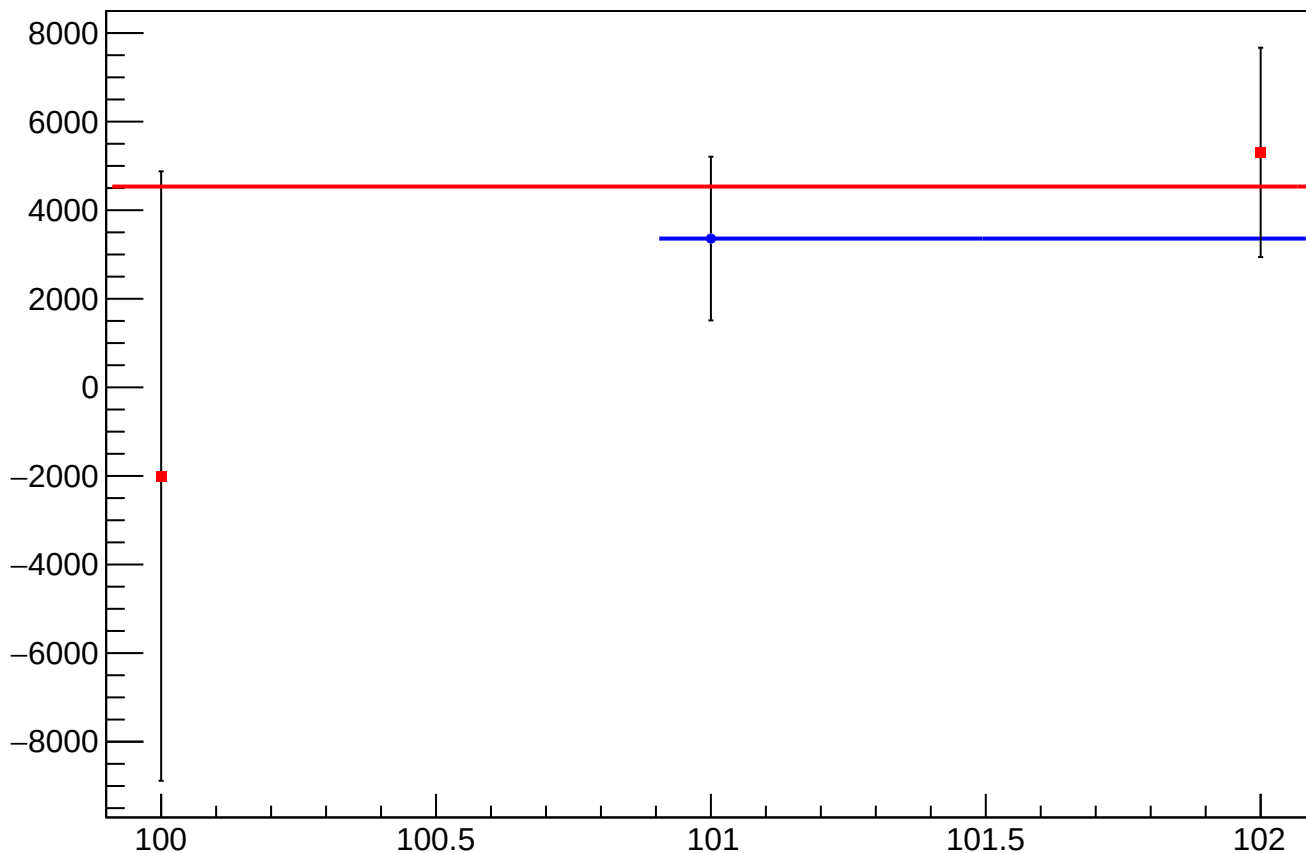
Right: 452.046 $\pm$ 0.321 χ^2 /NDF: 728854.2/2

In: 380.209 $\pm$ 0.337 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 452.046 $\pm$ 0.321 χ^2 /NDF: 728854.2/2

asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 3359.417+/-1847.873 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4534.084+/-2235.671 χ^2/NDF : 1.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

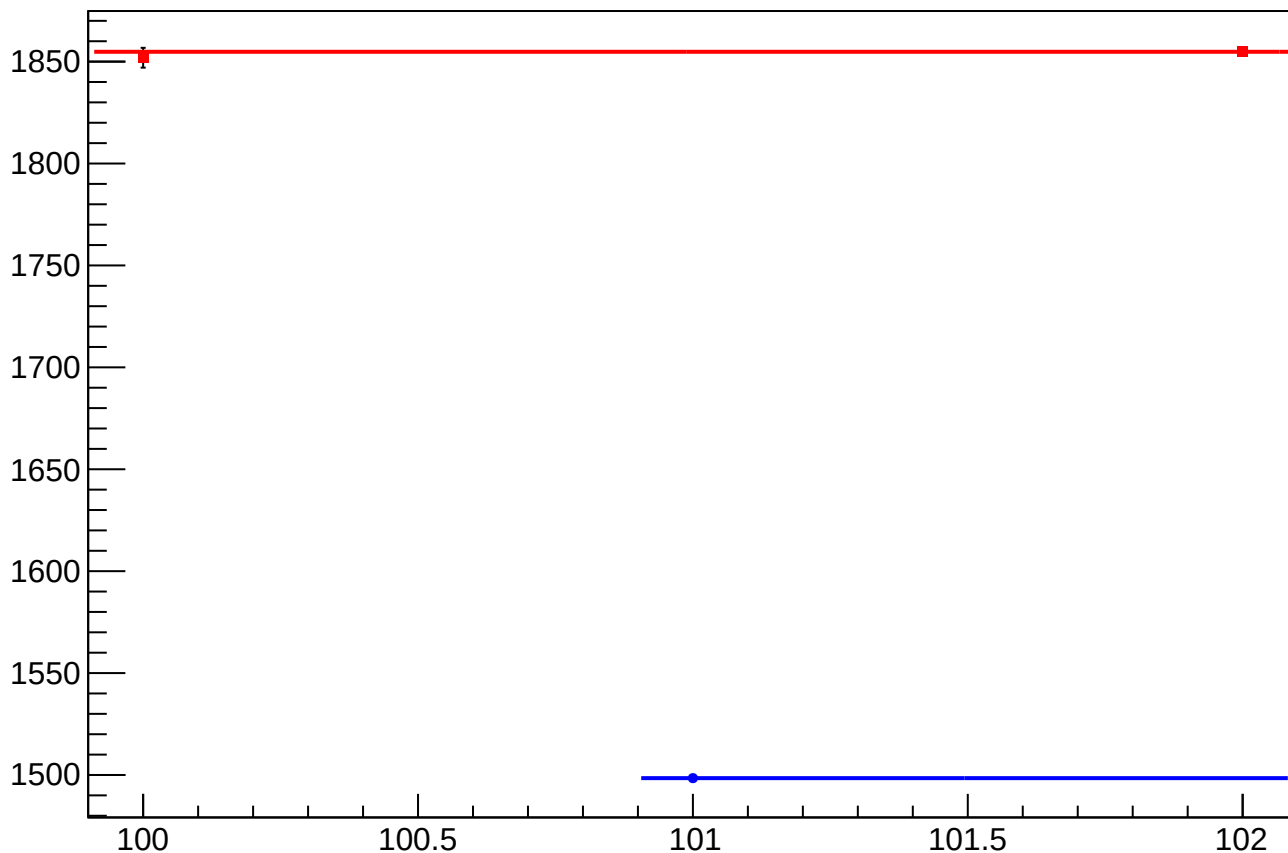
Right: 3836.194+/-1424.322 χ^2/NDF : 1.2/2

In: 3359.417+/-1847.873 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3836.194+/-1424.322 χ^2/NDF : 1.2/2

asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1498.458 $\pm$ 1.307 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1854.823 $\pm$ 1.581 χ^2 /NDF: 0.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

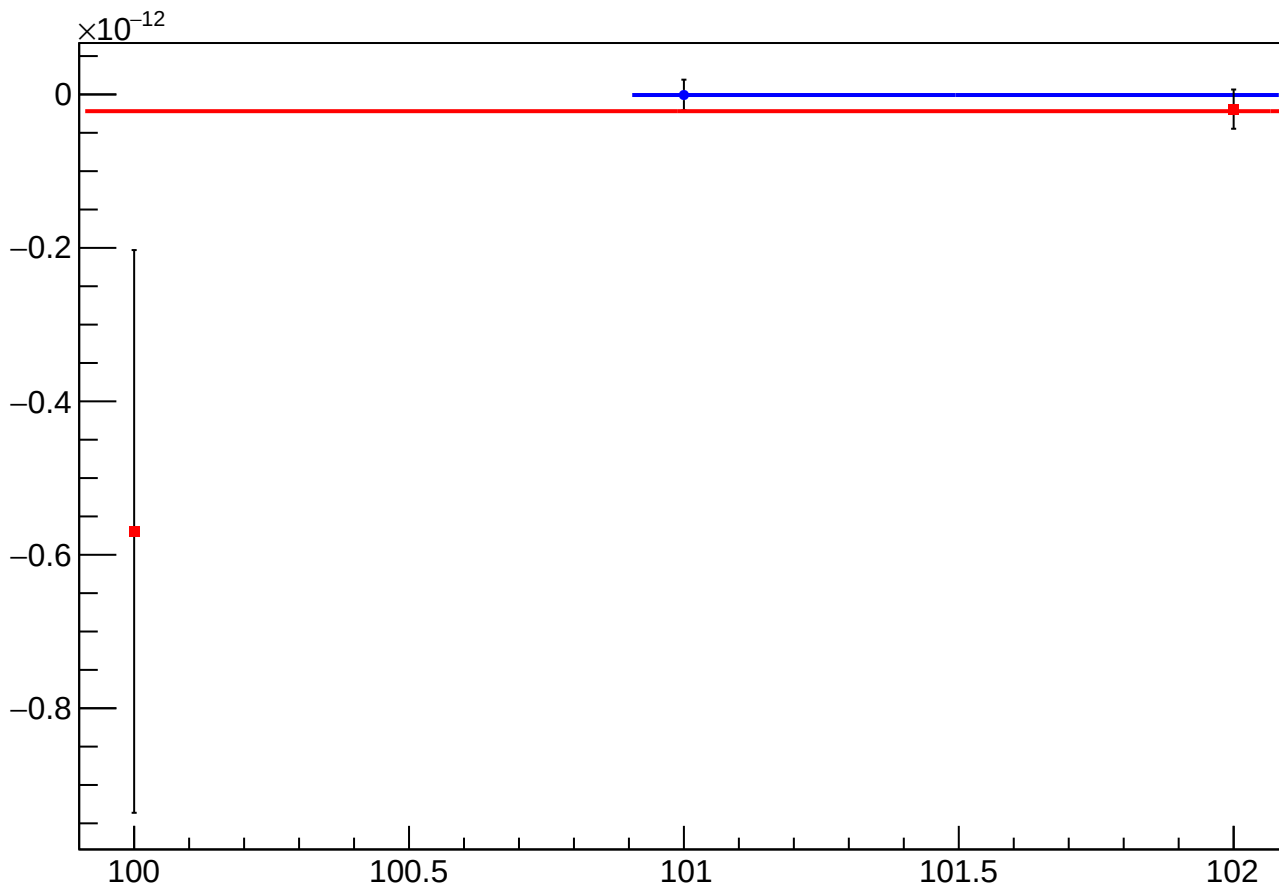
Right: 1643.100 $\pm$ 1.007 χ^2 /NDF: 30191.3/2

In: 1498.458 $\pm$ 1.307 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1643.100 $\pm$ 1.007 χ^2 /NDF: 30191.3/2

asym_usl_atl1_avg_reg_vs_cor_diff_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 : 2.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

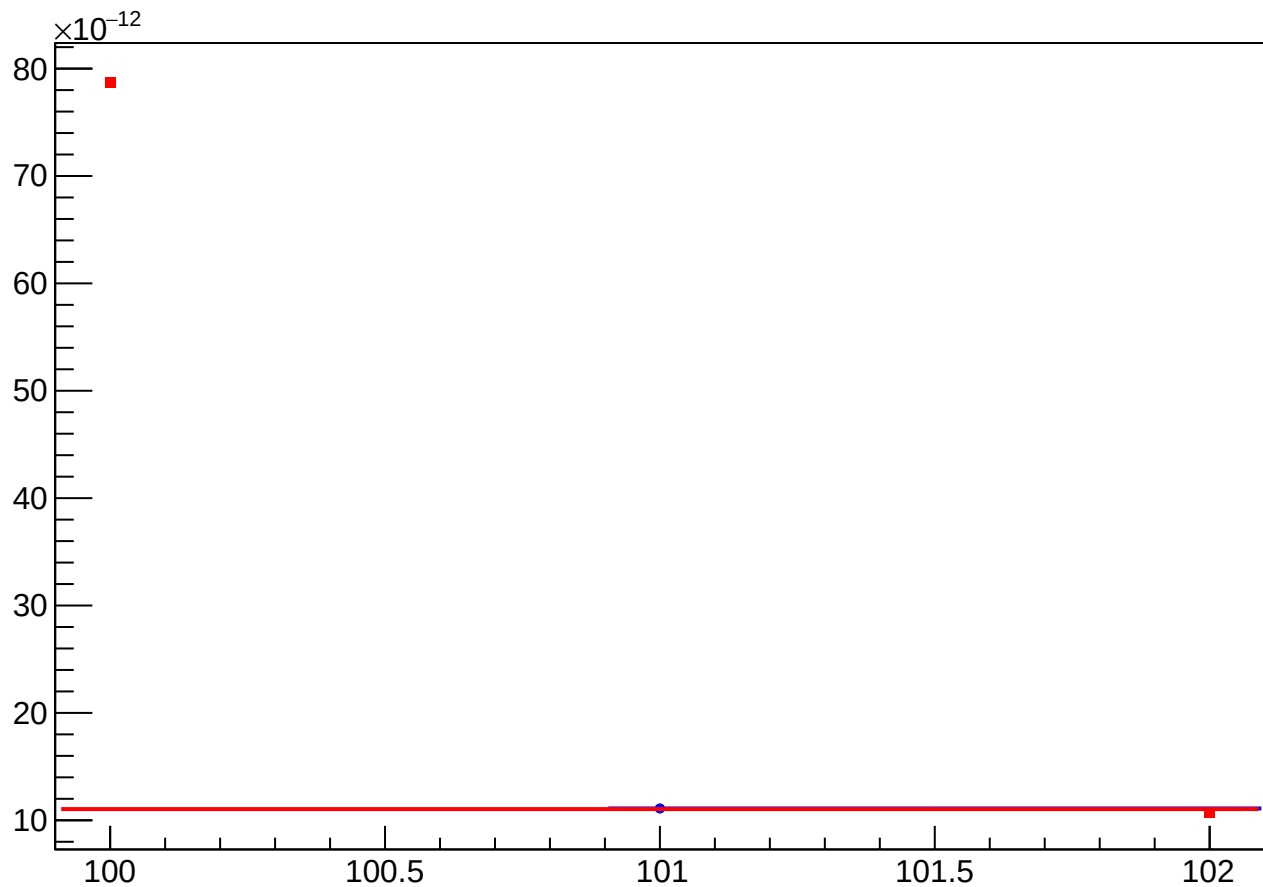
Right: -0.000+/-0.000 χ^2/NDF : 2.7/2

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 : 2.7/2

asym_usl_atl1_avg_reg_vs_cor_diff_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 : 68425.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

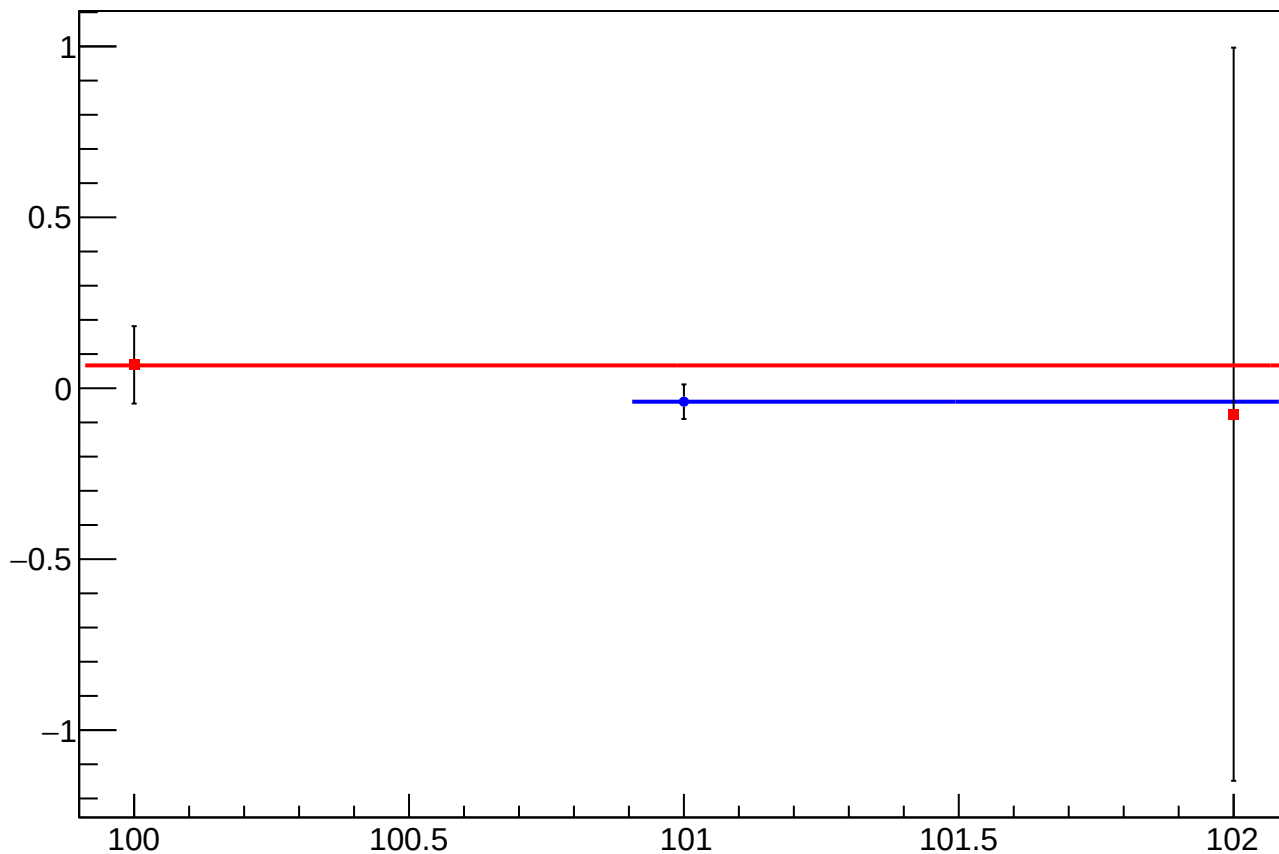
Right: 0.000+/-0.000 χ^2/NDF : 68431.3/2

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 : 68431.3/2

asym_usl_atl1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.039+/-0.050 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.067+/-0.113 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

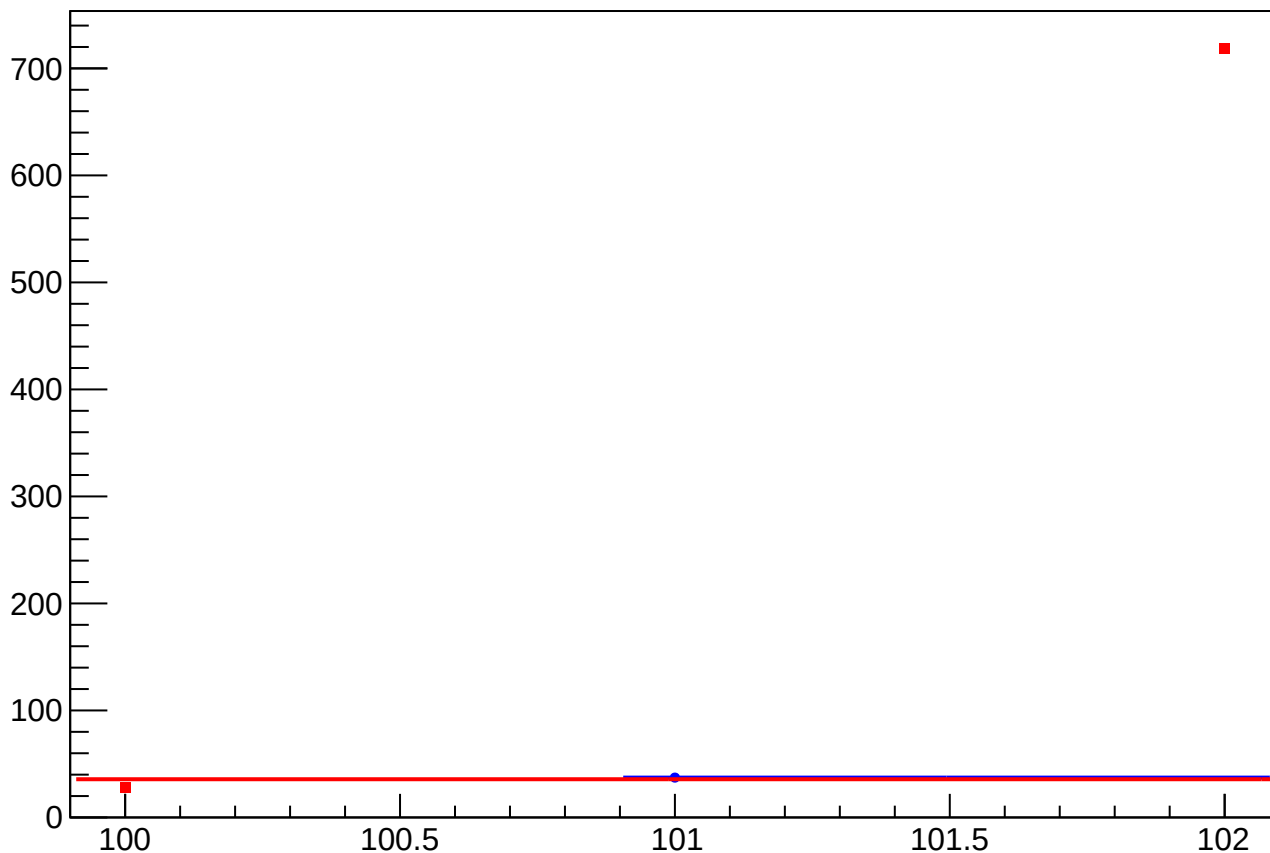
Right: -0.022+/-0.046 χ^2/NDF : 0.8/2

In: -0.039+/-0.050 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.022+/-0.046 χ^2/NDF : 0.8/2

asym_usl_atl1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.235 $\pm$ 0.036 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 35.719 $\pm$ 0.080 χ^2 /NDF: 819431.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

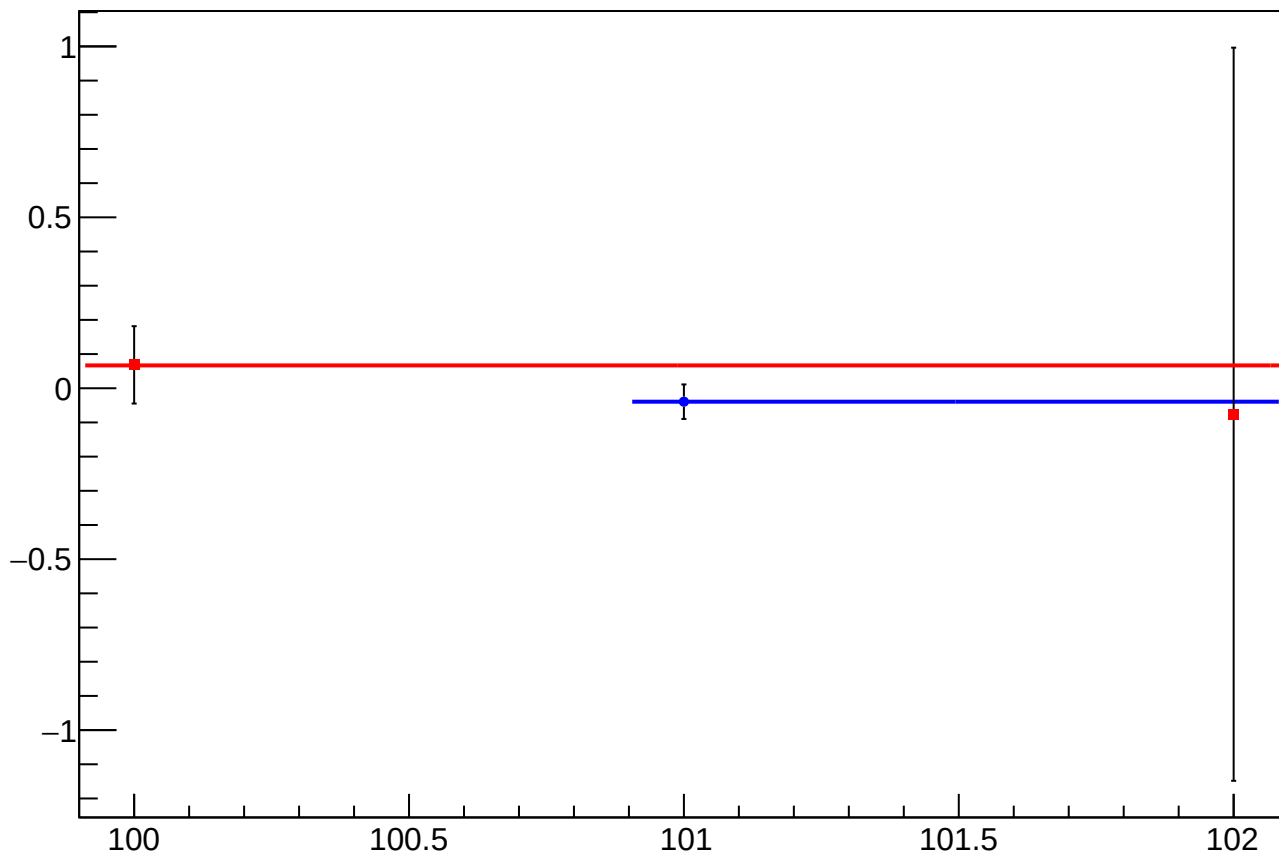
Right: 36.981 $\pm$ 0.033 χ^2 /NDF: 819733.3/2

In: 37.235 $\pm$ 0.036 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.981 $\pm$ 0.033 χ^2 /NDF: 819733.3/2

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.039+/-0.050 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.067+/-0.113 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

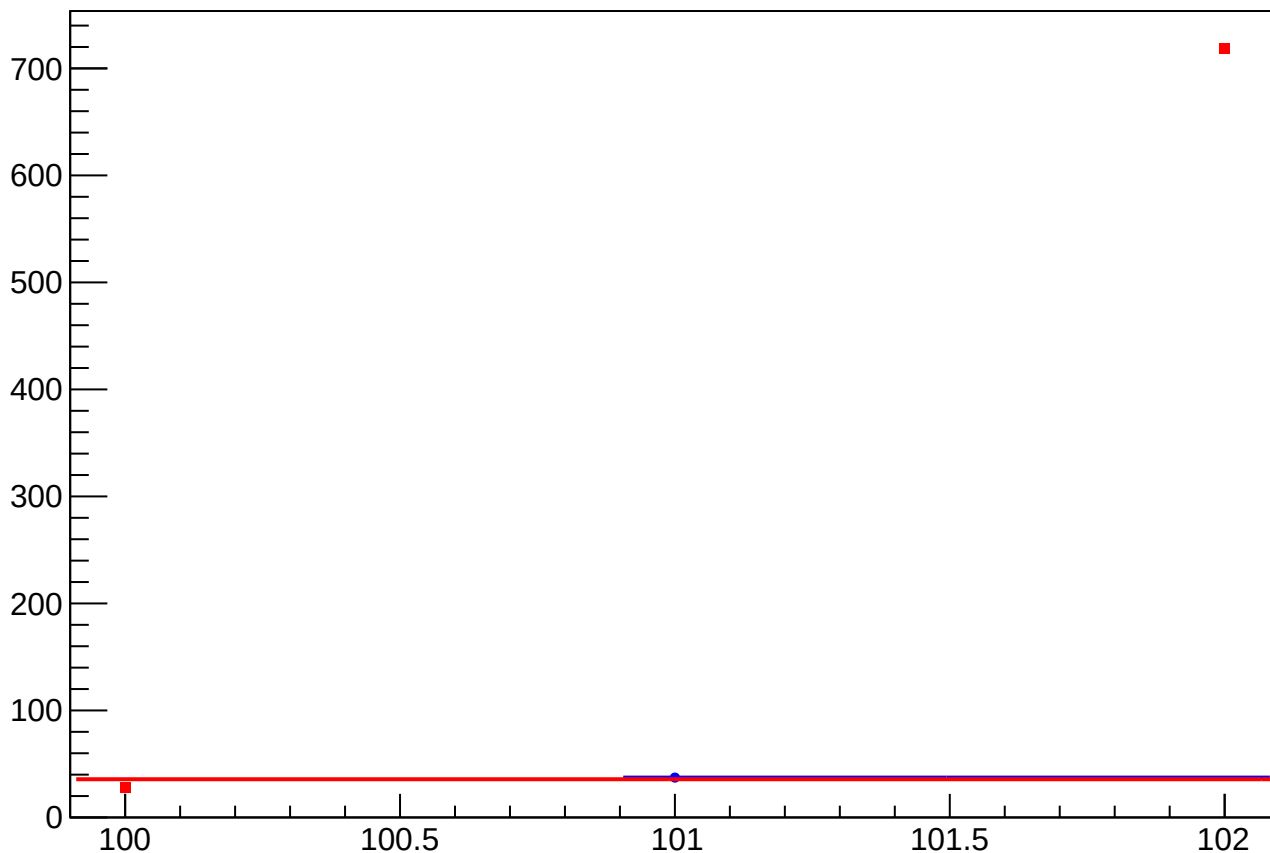
Right: -0.022+/-0.046 χ^2/NDF : 0.8/2

In: -0.039+/-0.050 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.022+/-0.046 χ^2/NDF : 0.8/2

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.235 $\pm$ 0.036 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 35.719 $\pm$ 0.080 χ^2 /NDF: 819431.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

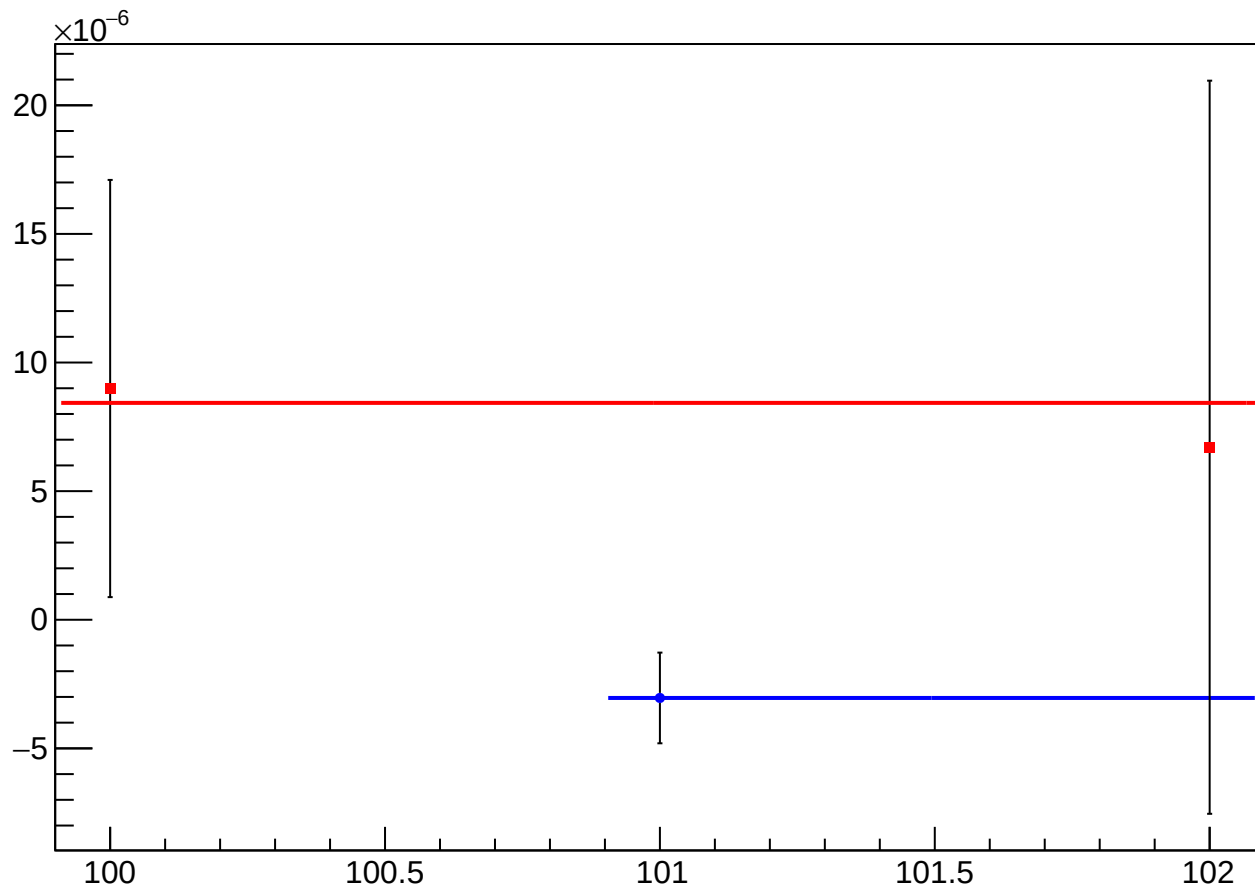
Right: 36.981 $\pm$ 0.033 χ^2 /NDF: 819733.3/2

In: 37.235 $\pm$ 0.036 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.981 $\pm$ 0.033 χ^2 /NDF: 819733.3/2

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

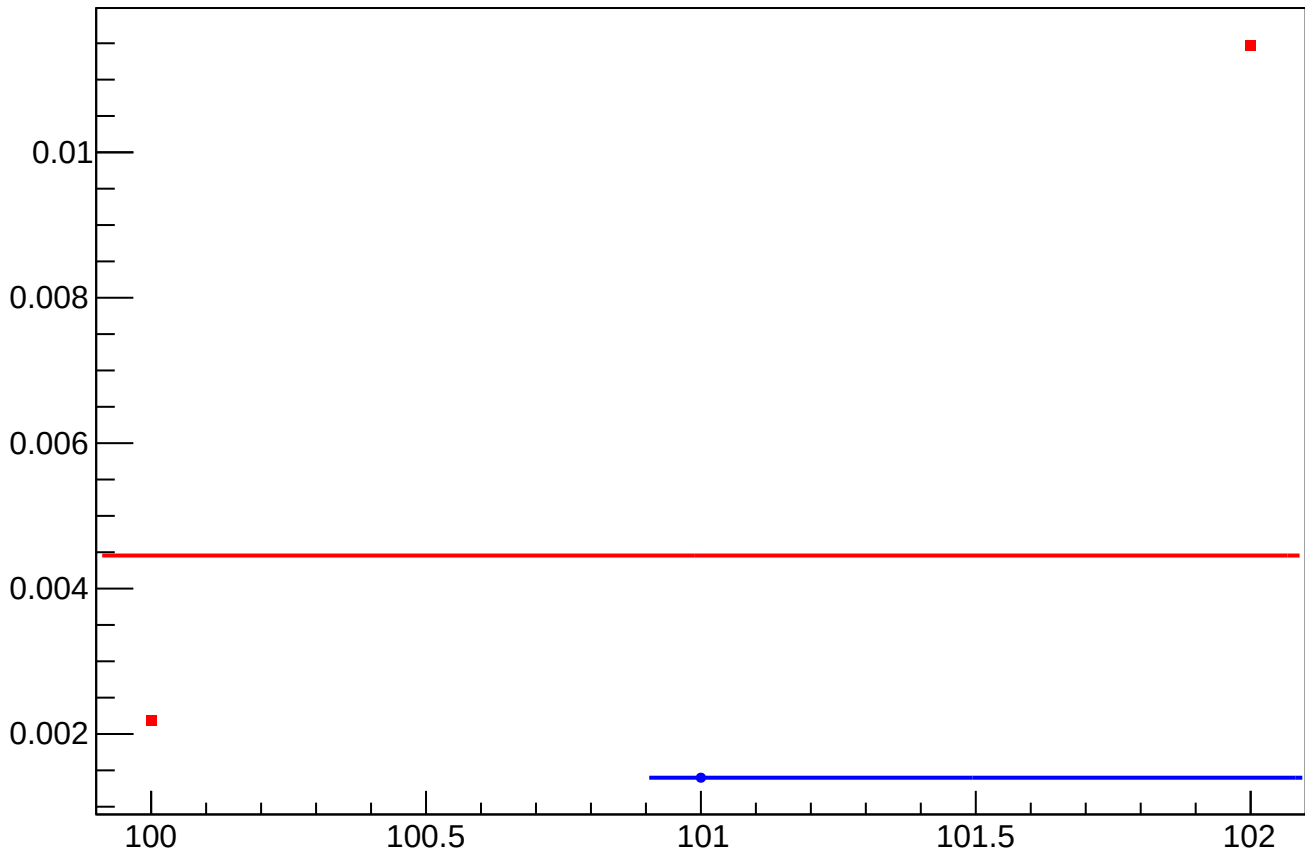
Right: -0.000+/-0.000 χ^2/NDF : 2.5/2

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 : 2.5/2

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 641777.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

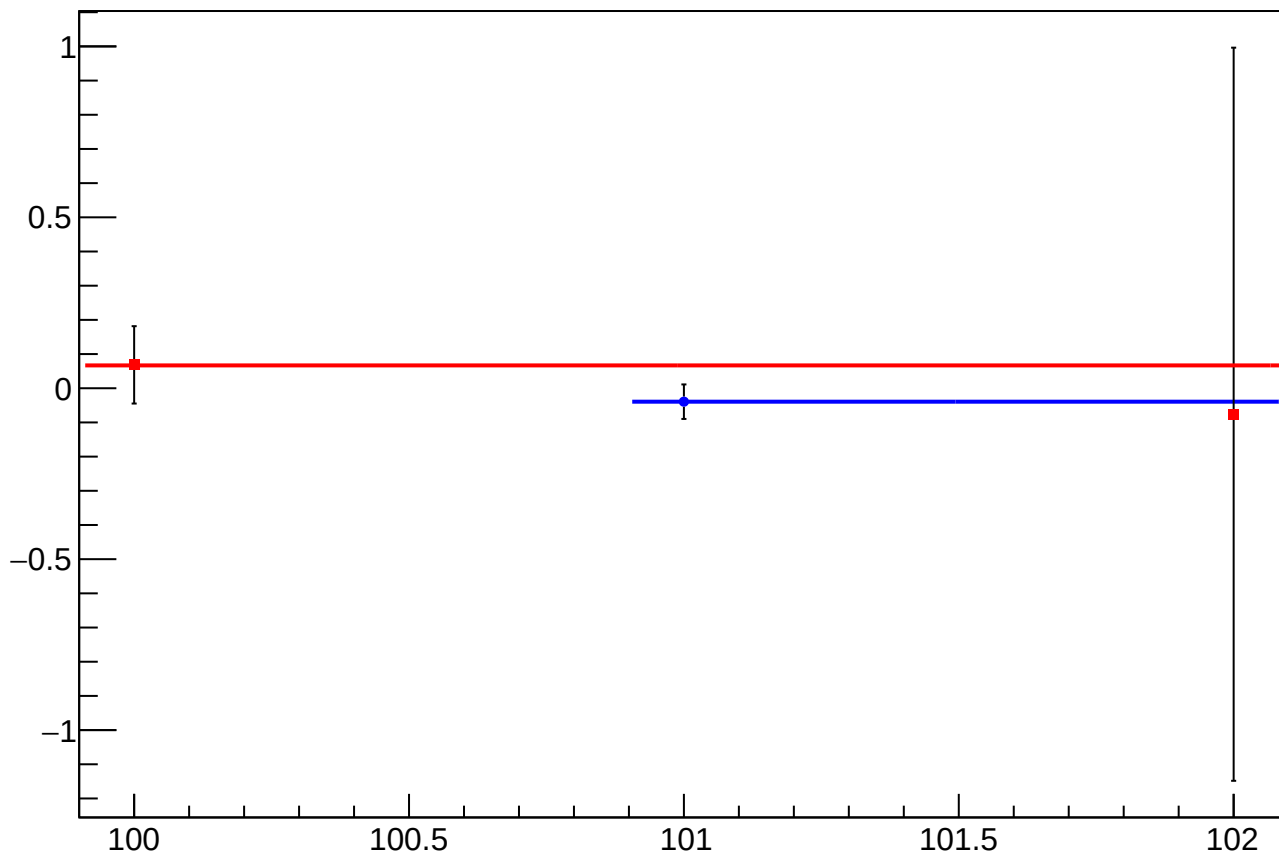
Right: 0.002+/-0.000 χ^2/NDF : 995602.6/2

In: 0.001+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 995602.6/2

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.039+/-0.050 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.067+/-0.113 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

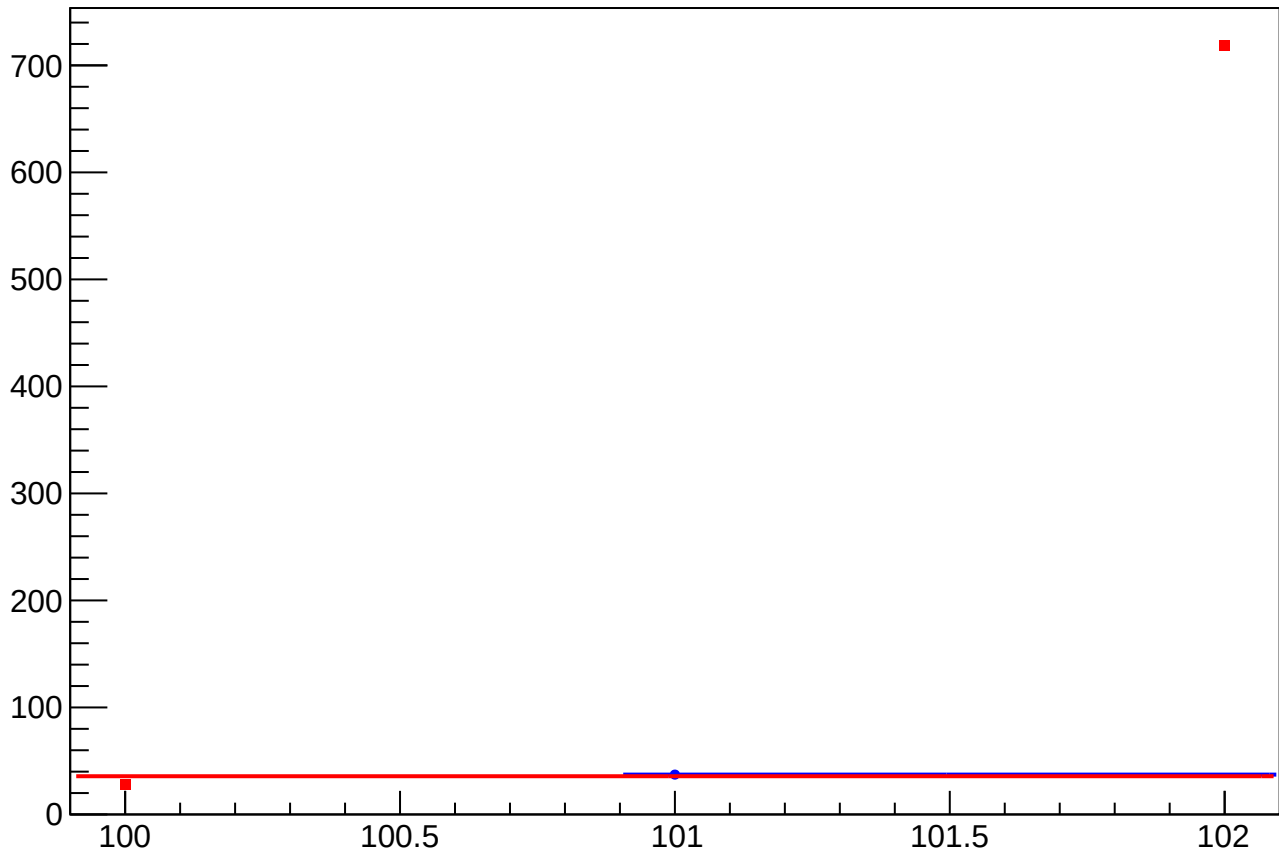
Right: -0.022+/-0.046 χ^2/NDF : 0.8/2

In: -0.039+/-0.050 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.022+/-0.046 χ^2/NDF : 0.8/2

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.236+/-0.036 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.719+/-0.080 χ^2/NDF : 819420.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

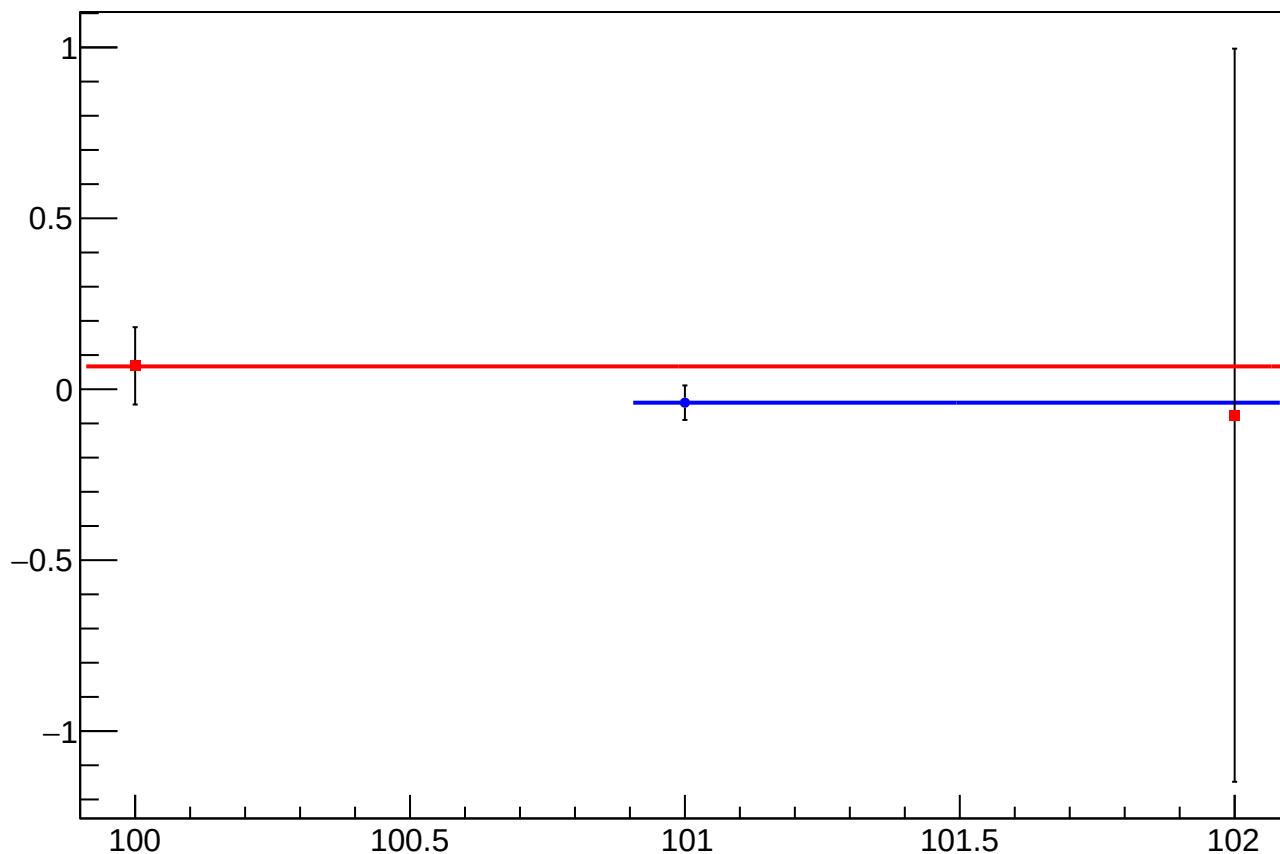
Right: 36.981+/-0.033 χ^2/NDF : 819722.6/2

In: 37.236+/-0.036 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.981+/-0.033 χ^2/NDF : 819722.6/2

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.039+/-0.050 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.067+/-0.113 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

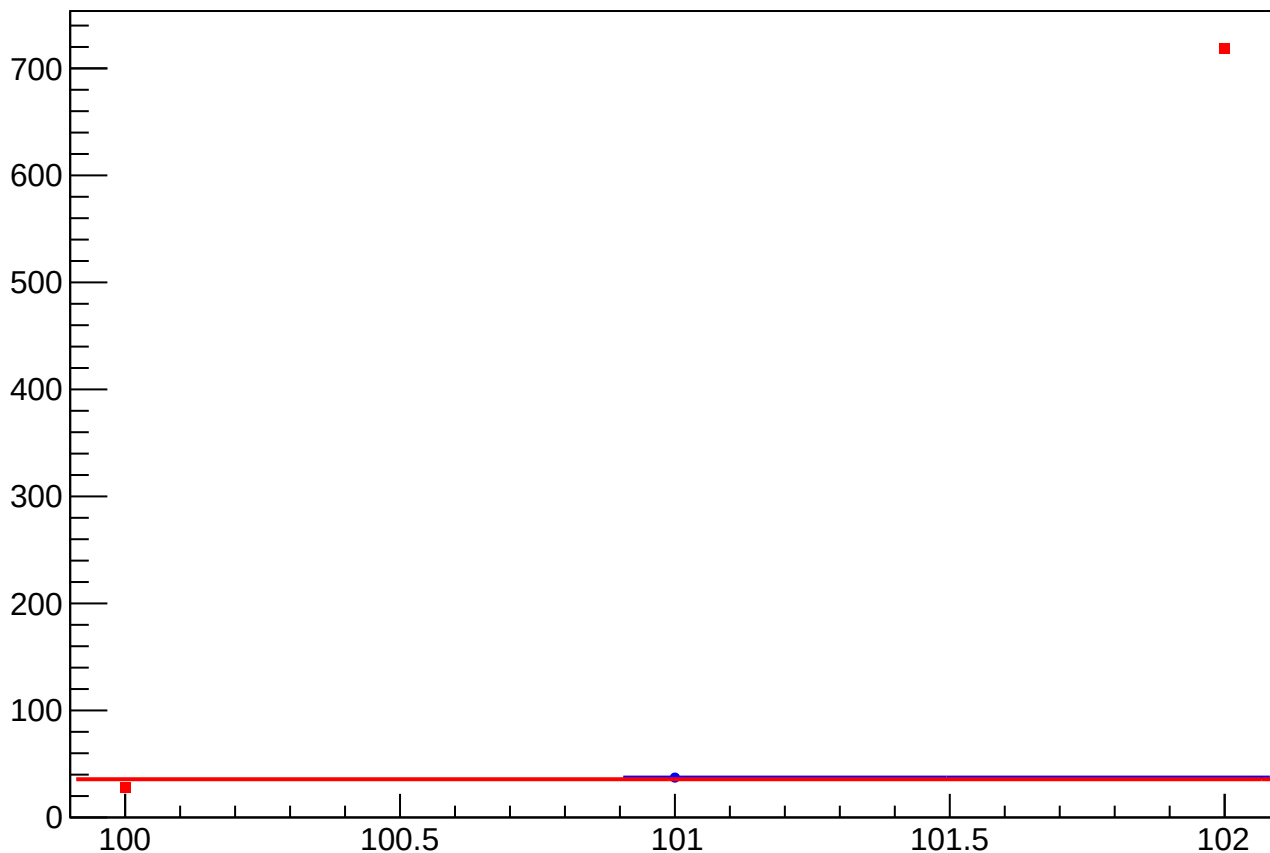
Right: -0.022+/-0.046 χ^2/NDF : 0.8/2

In: -0.039+/-0.050 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.022+/-0.046 χ^2/NDF : 0.8/2

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.236 $\pm$ 0.036 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 35.719 $\pm$ 0.080 χ^2 /NDF: 819420.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

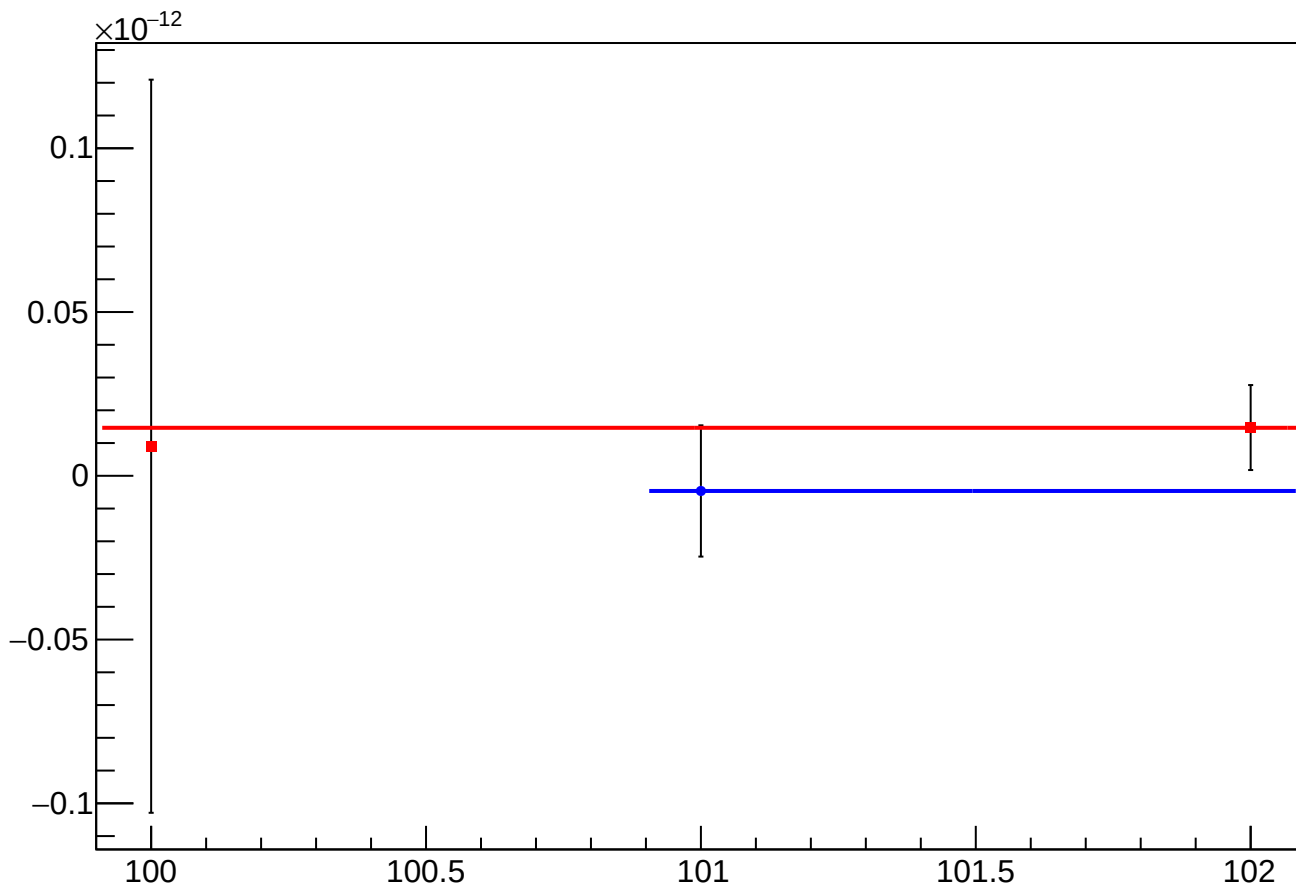
Right: 36.981 $\pm$ 0.033 χ^2 /NDF: 819722.6/2

In: 37.236 $\pm$ 0.036 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.981 $\pm$ 0.033 χ^2 /NDF: 819722.6/2

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_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 : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

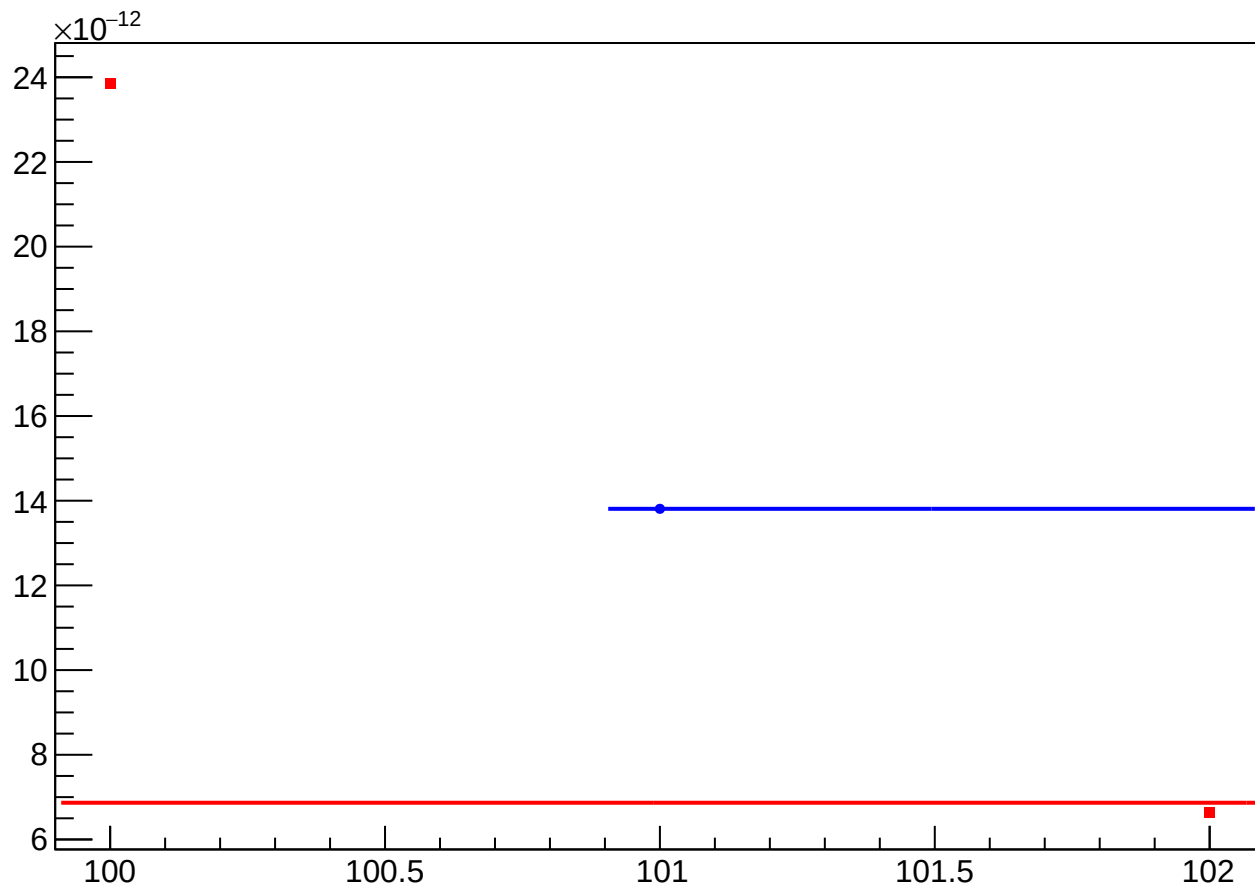
Right: 0.000+/-0.000 χ^2/NDF : 0.7/2

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 : 0.7/2

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_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 : 46746.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

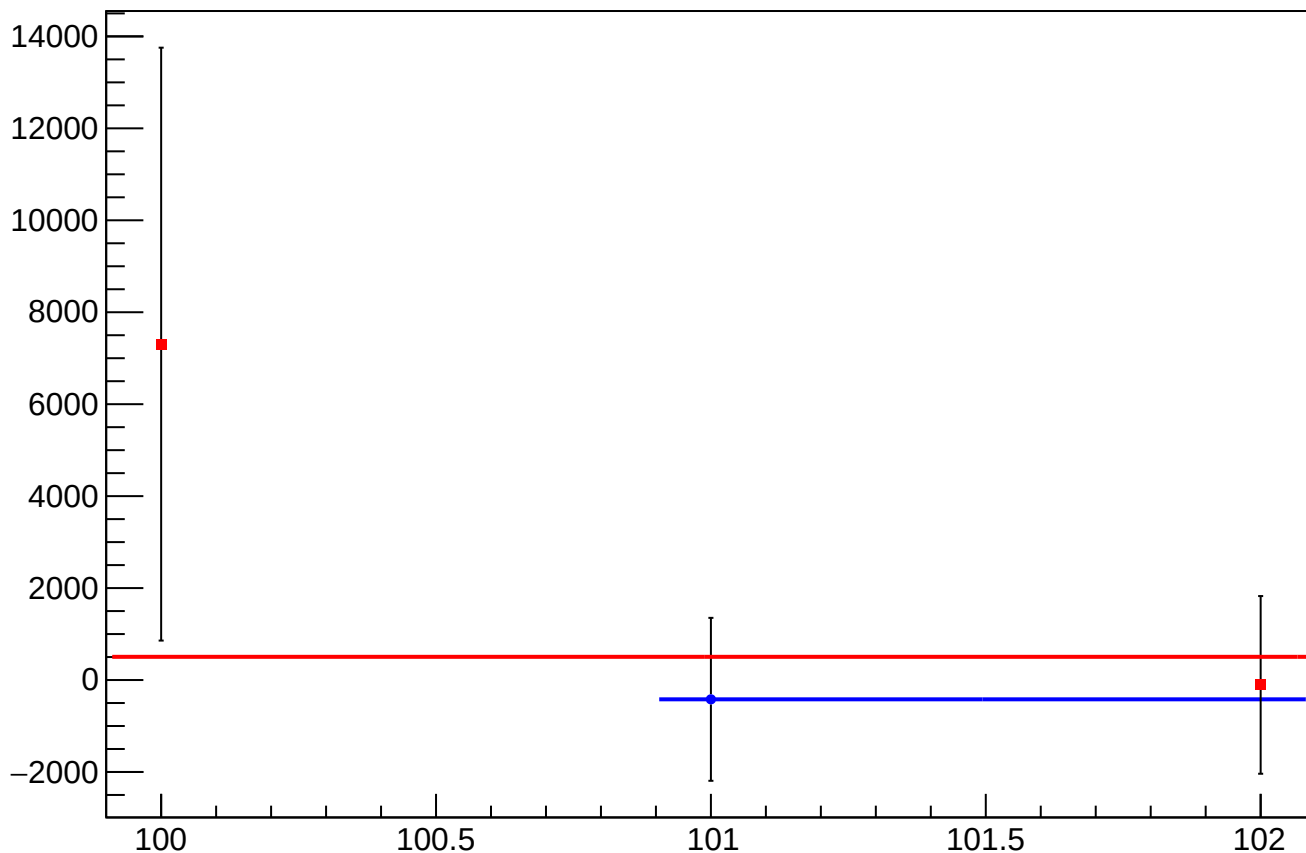
Right: 0.000+/-0.000 χ^2/NDF : 216529.1/2

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 : 216529.1/2

reg_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -419.791+/-1772.115 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 504.764+/-1851.083 χ^2/NDF : 1.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

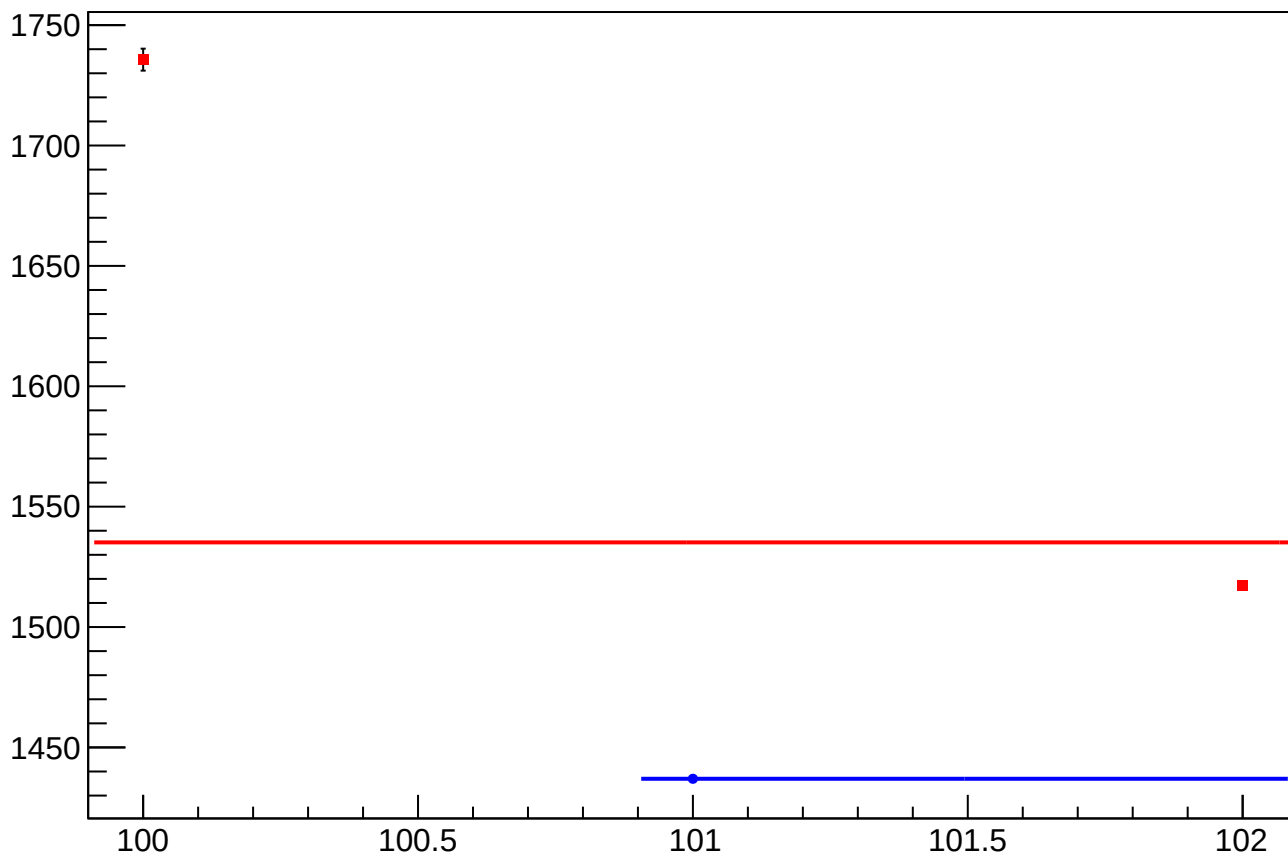
Right: 22.345+/-1280.081 χ^2/NDF : 1.3/2

In: -419.791+/-1772.115 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.345+/-1280.081 χ^2/NDF : 1.3/2

reg_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1436.976+/-1.253 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1535.159+/-1.309 χ^2/NDF : 2107.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

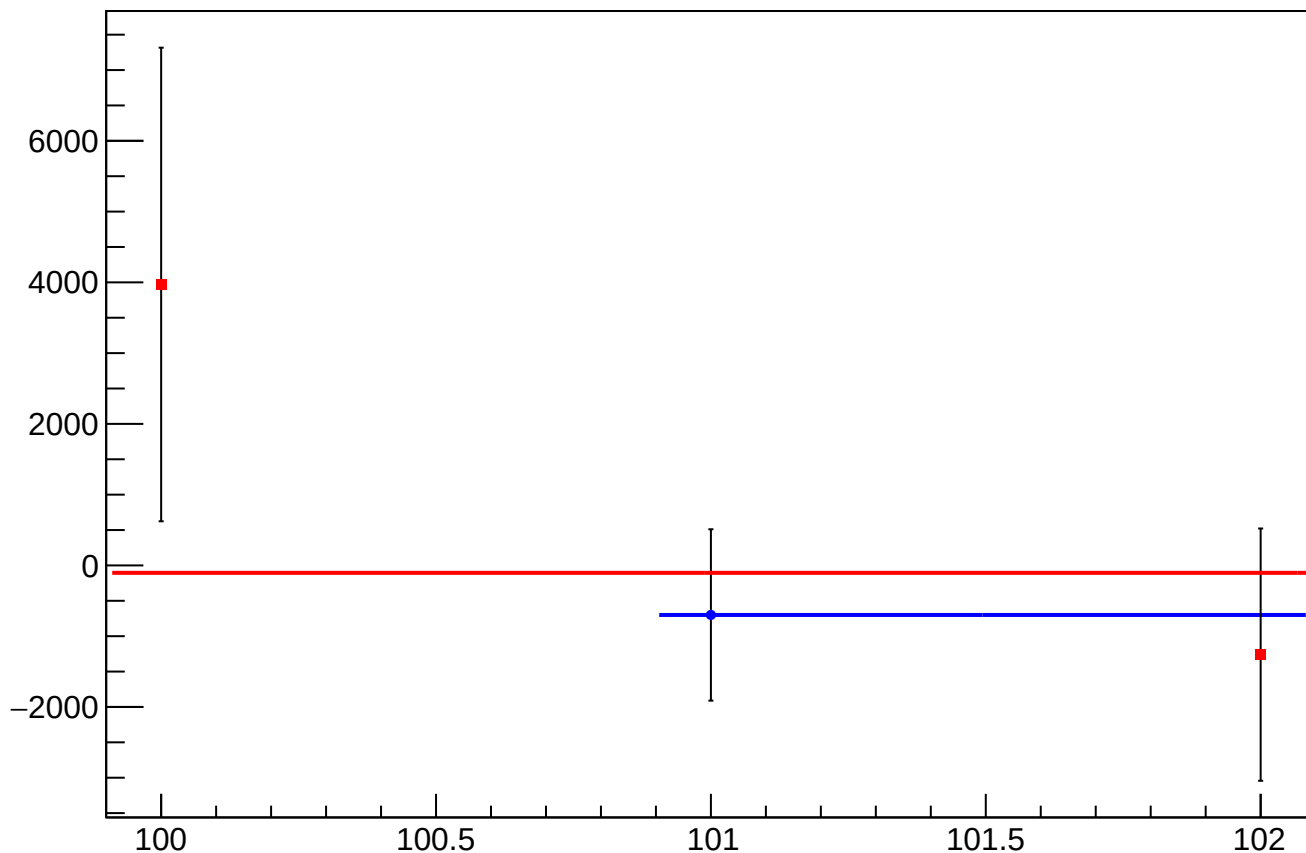
Right: 1483.929+/-0.905 χ^2/NDF : 5043.2/2

In: 1436.976+/-1.253 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1483.929+/-0.905 χ^2/NDF : 5043.2/2

asym_usl_atl1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -700.076+/-1210.958 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -104.724+/-1573.323 χ^2/NDF : 1.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

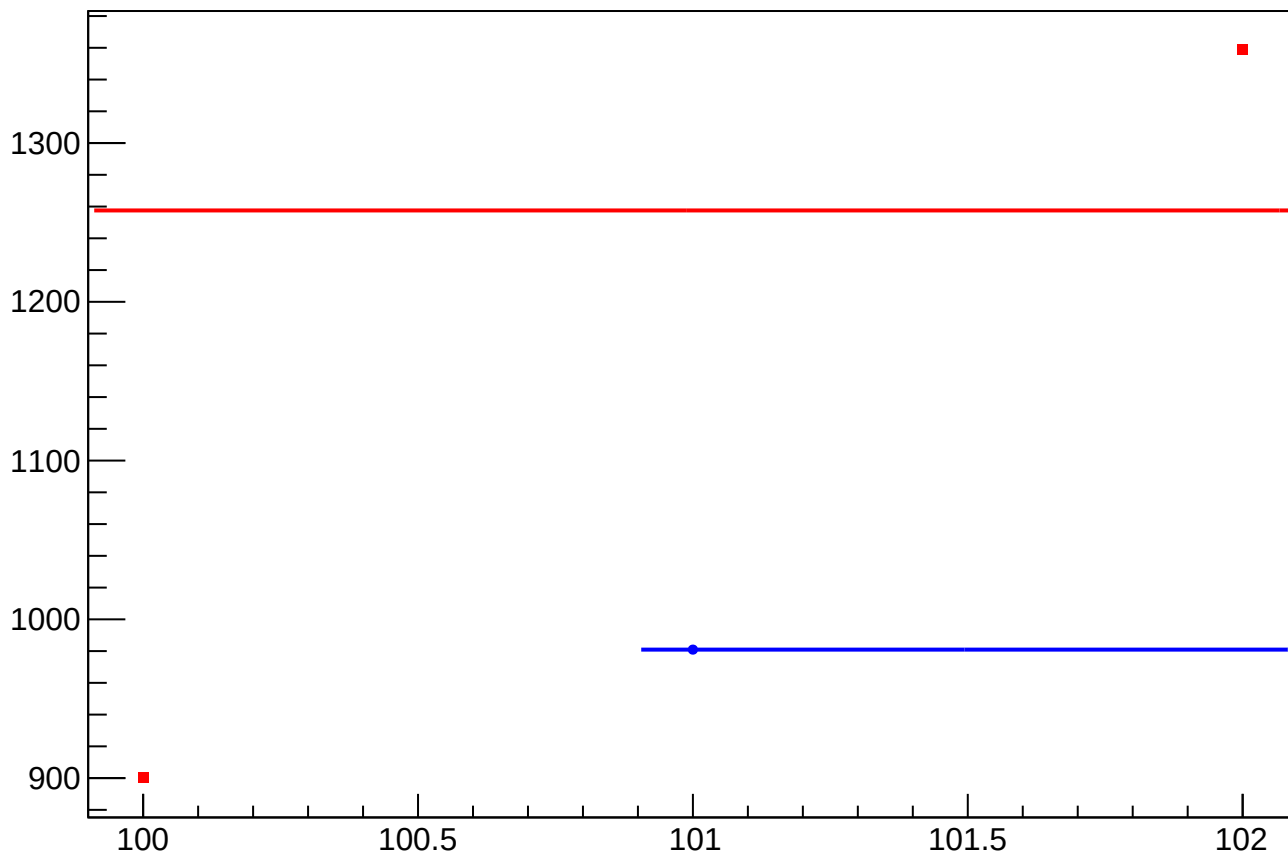
Right: -478.592+/-959.625 χ^2/NDF : 2.0/2

In: -700.076+/-1210.958 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -478.592+/-959.625 χ^2/NDF : 2.0/2

asym_usl_atl1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 980.929 $\pm$ 0.856 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1257.552 $\pm$ 1.113 χ^2 /NDF: 29200.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

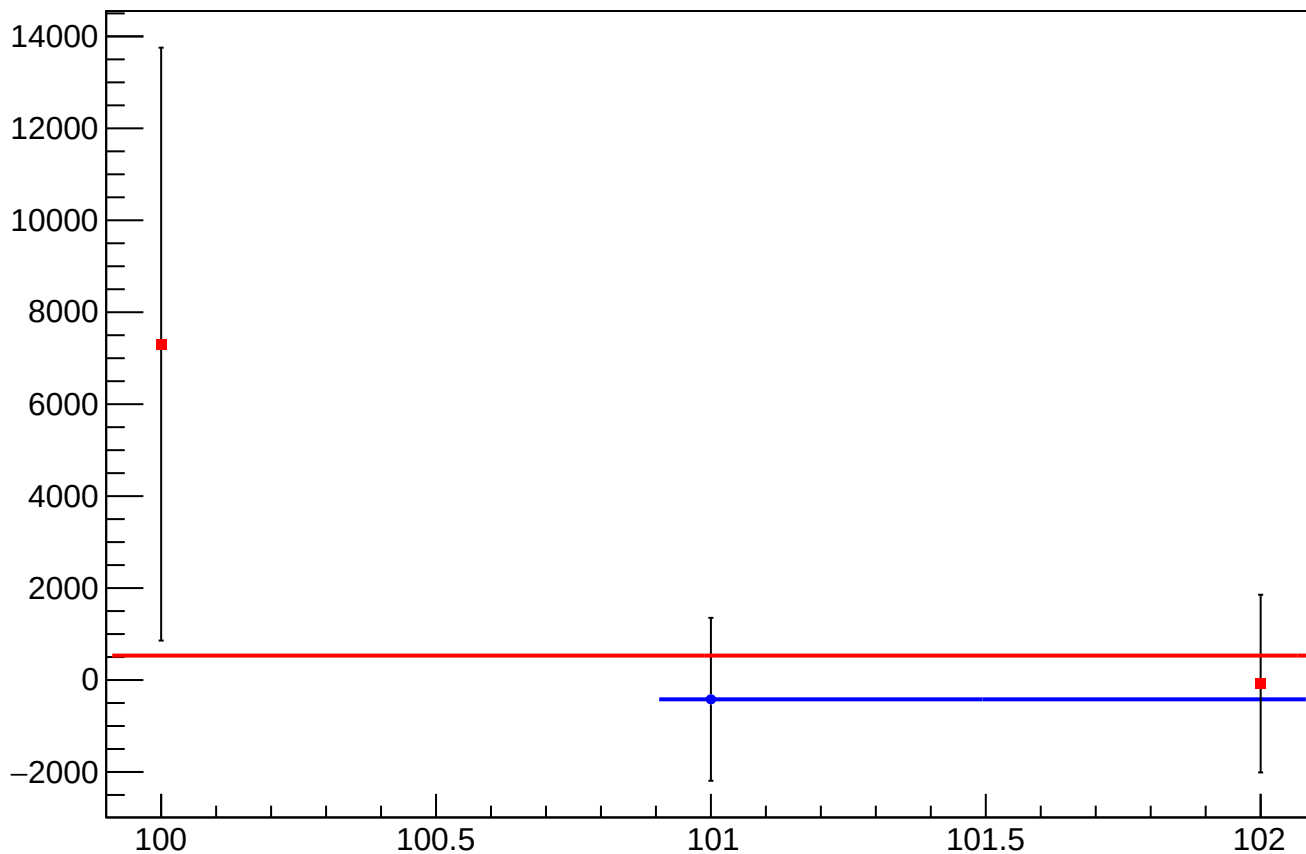
Right: 1083.839 $\pm$ 0.679 χ^2 /NDF: 68026.1/2

In: 980.929 $\pm$ 0.856 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1083.839 $\pm$ 0.679 χ^2 /NDF: 68026.1/2

cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -419.827+/-1772.115 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 531.240+/-1851.235 χ^2/NDF : 1.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

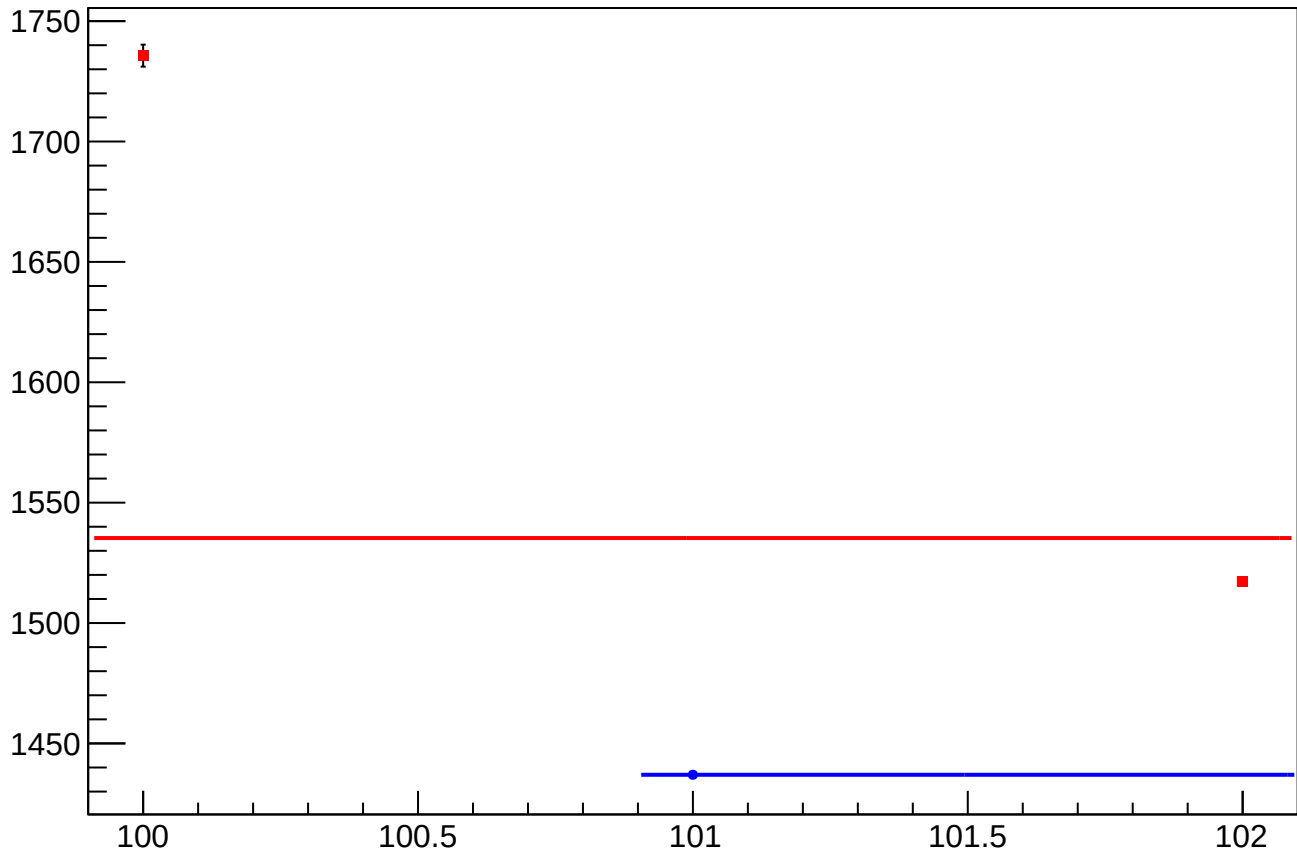
Right: 34.948+/-1280.132 χ^2/NDF : 1.3/2

In: -419.827+/-1772.115 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.948+/-1280.132 χ^2/NDF : 1.3/2

cor_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1436.976 $\pm$ 1.253 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1535.304 $\pm$ 1.309 χ^2/NDF : 2104.3/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

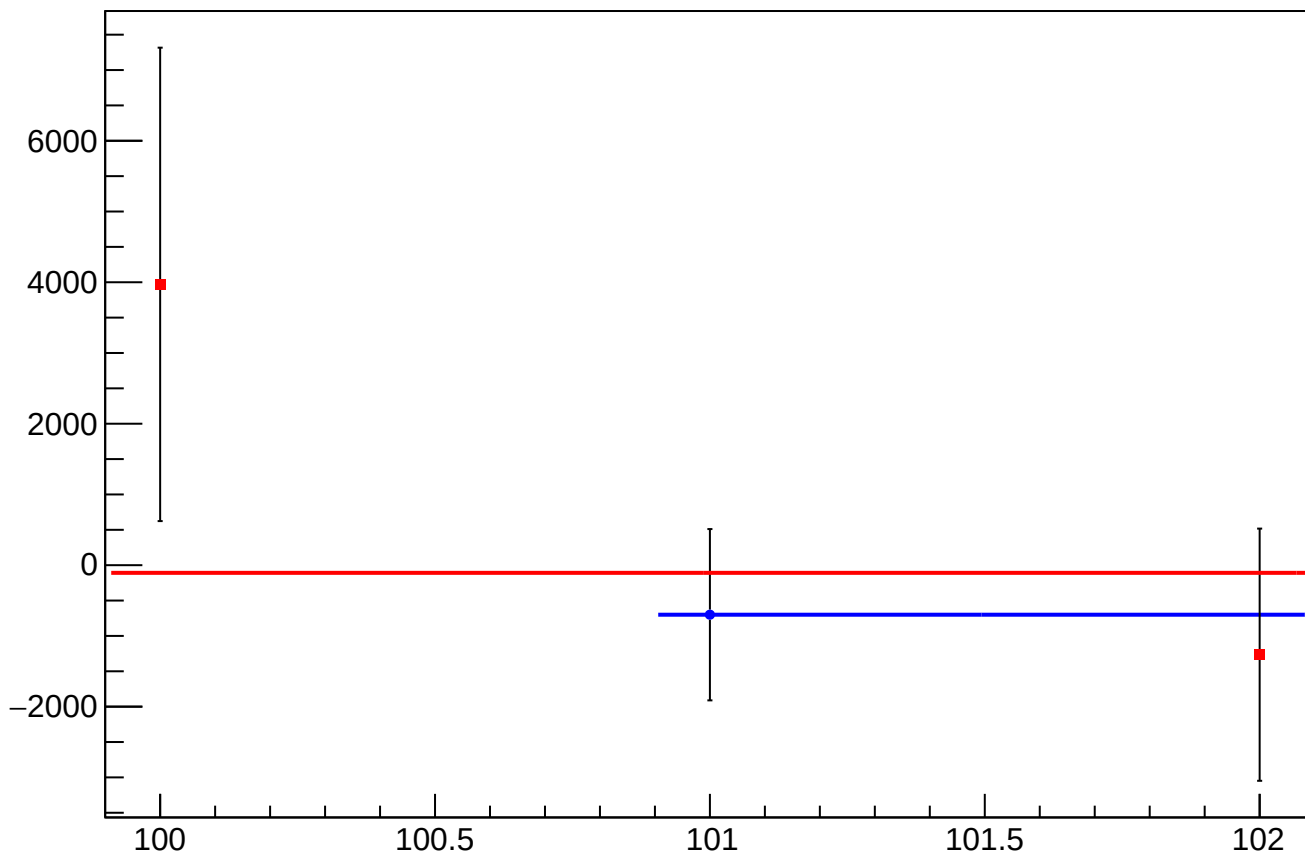
Right: 1483.994 $\pm$ 0.905 χ^2/NDF : 5048.6/2

In: 1436.976 $\pm$ 1.253 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1483.994 $\pm$ 0.905 χ^2/NDF : 5048.6/2

asym_usl_atl1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -700.199+/-1210.943 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -108.234+/-1573.372 χ^2/NDF : 1.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

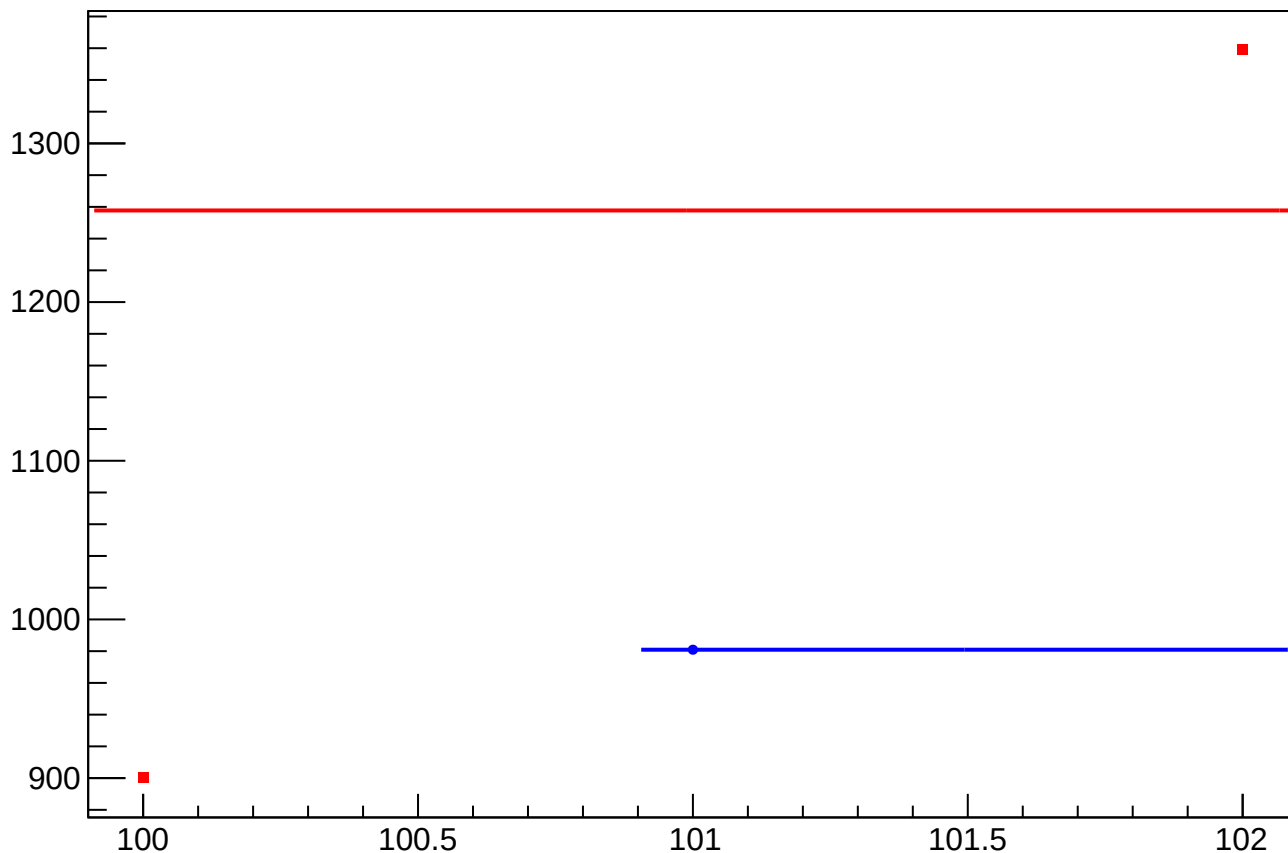
Right: -479.987+/-959.629 χ^2/NDF : 2.0/2

In: -700.199+/-1210.943 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -479.987+/-959.629 χ^2/NDF : 2.0/2

asym_usl_atl1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 980.916 $\pm$ 0.856 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1257.746 $\pm$ 1.113 χ^2 /NDF: 29233.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

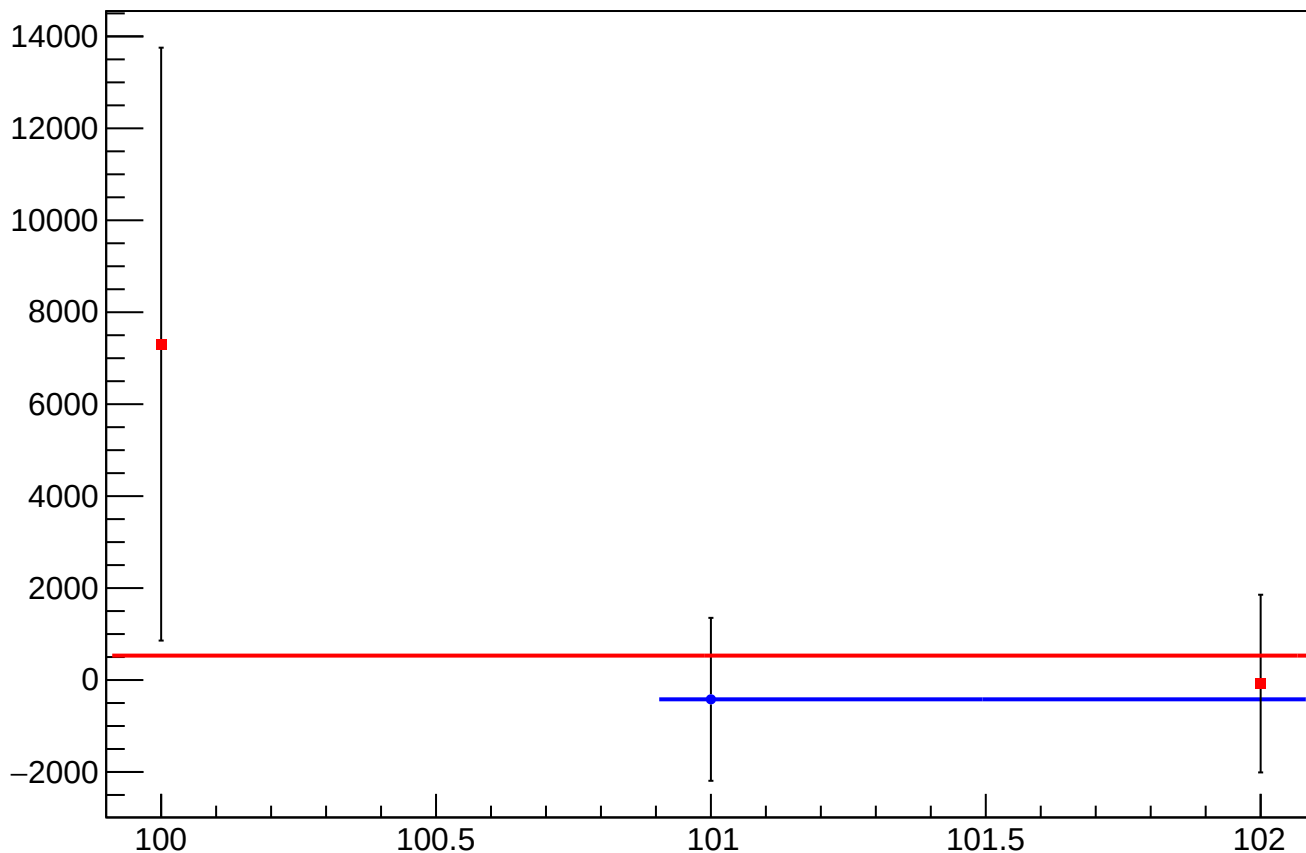
Right: 1083.897 $\pm$ 0.679 χ^2 /NDF: 68115.7/2

In: 980.916 $\pm$ 0.856 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1083.897 $\pm$ 0.679 χ^2 /NDF: 68115.7/2

eigen_cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -419.827+/-1772.115 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 531.240+/-1851.235 χ^2/NDF : 1.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

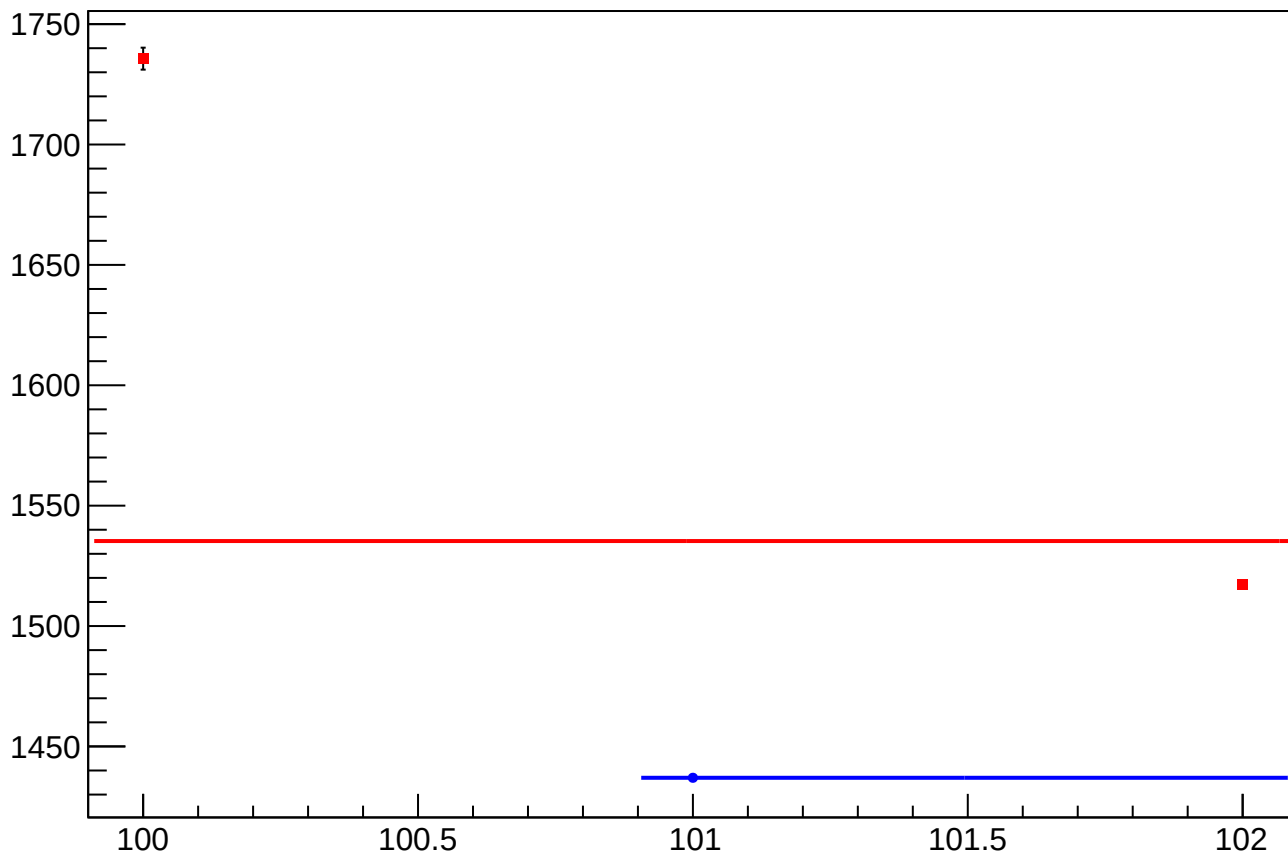
Right: 34.948+/-1280.132 χ^2/NDF : 1.3/2

In: -419.827+/-1772.115 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.948+/-1280.132 χ^2/NDF : 1.3/2

eigen_cor_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1436.976 $\pm$ 1.253 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1535.304 $\pm$ 1.309 χ^2 /NDF: 2104.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

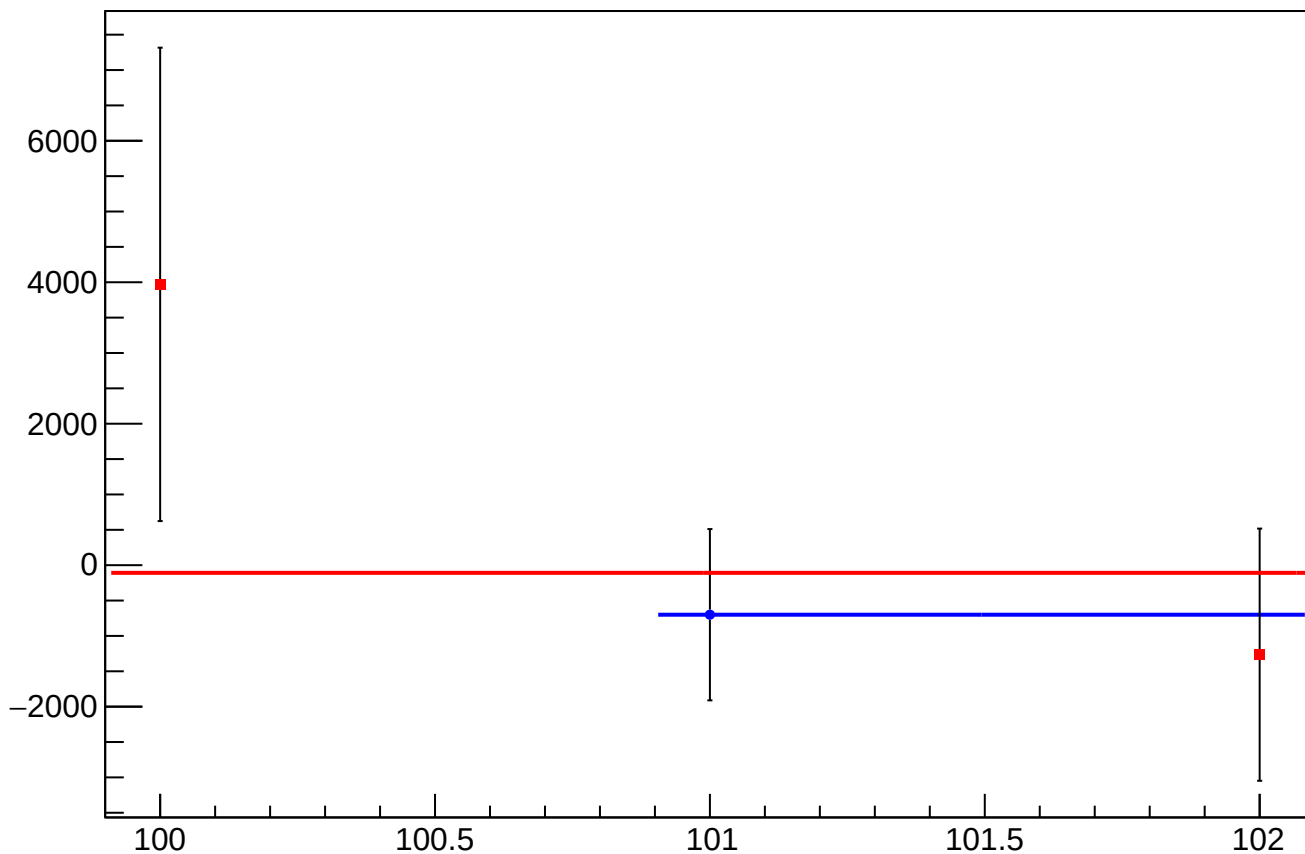
Right: 1483.994 $\pm$ 0.905 χ^2 /NDF: 5048.6/2

In: 1436.976 $\pm$ 1.253 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1483.994 $\pm$ 0.905 χ^2 /NDF: 5048.6/2

asym_usl_atl1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -700.199+/-1210.943 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -108.234+/-1573.372 χ^2/NDF : 1.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

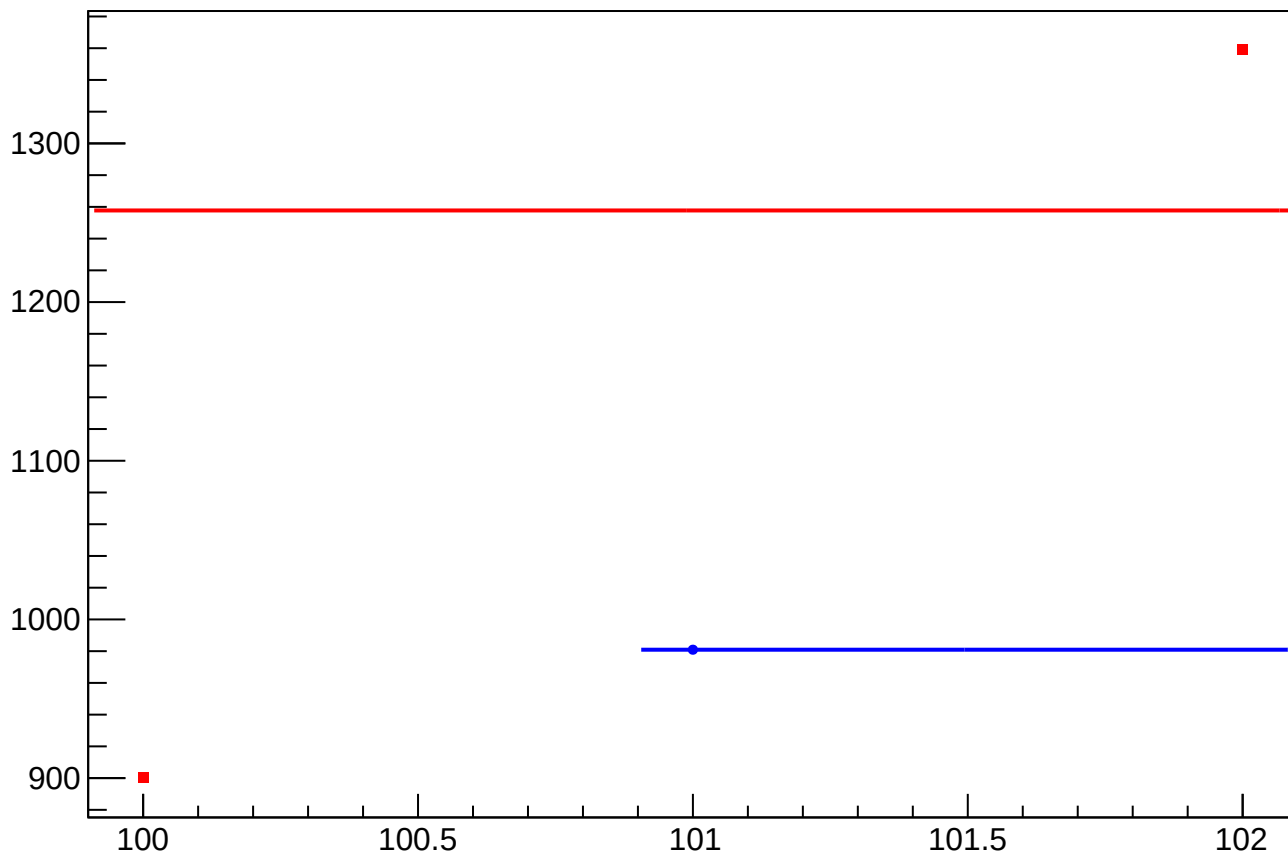
Right: -479.987+/-959.629 χ^2/NDF : 2.0/2

In: -700.199+/-1210.943 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -479.987+/-959.629 χ^2/NDF : 2.0/2

asym_usl_atl1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 980.916 $\pm$ 0.856 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1257.746 $\pm$ 1.113 χ^2 /NDF: 29233.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

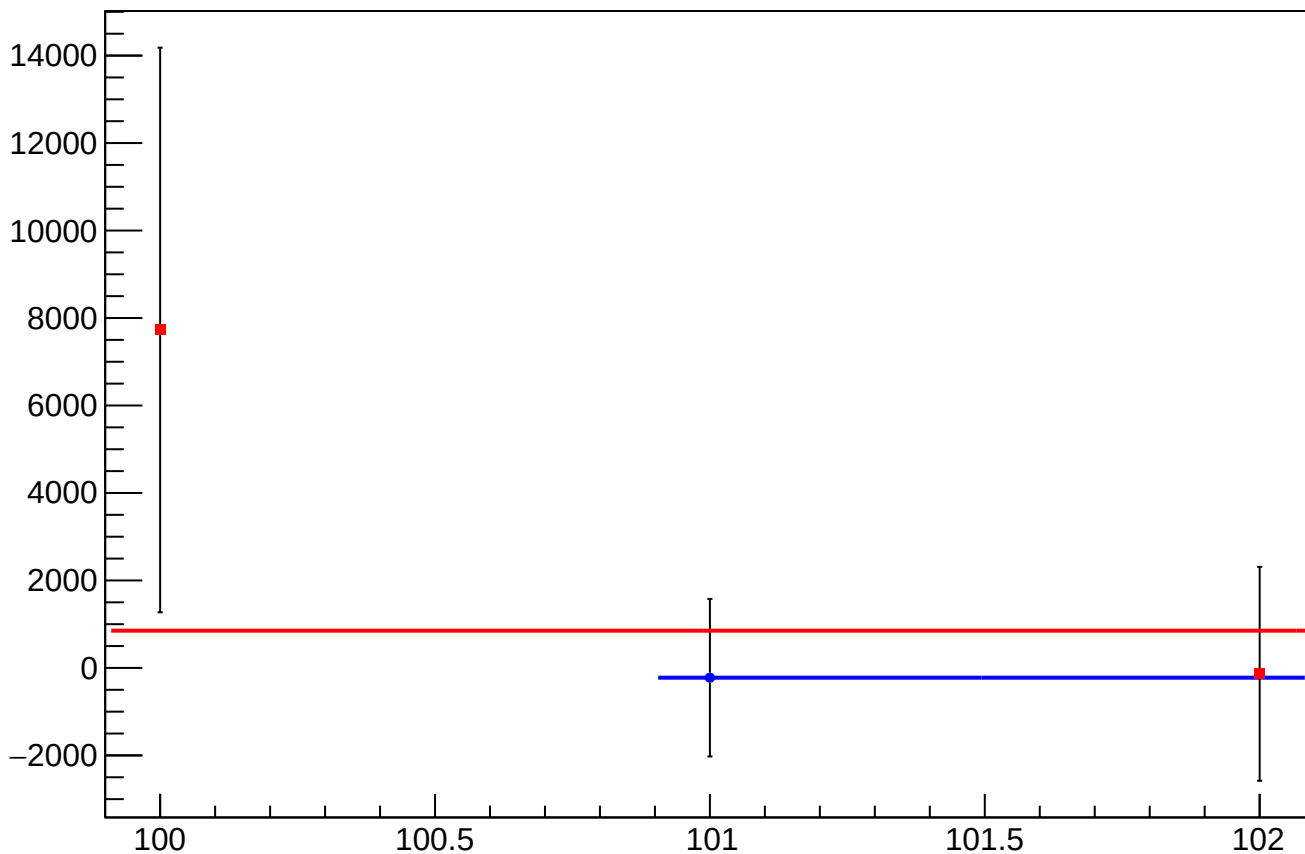
Right: 1083.897 $\pm$ 0.679 χ^2 /NDF: 68115.7/2

In: 980.916 $\pm$ 0.856 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1083.897 $\pm$ 0.679 χ^2 /NDF: 68115.7/2

dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -223.132+/-1801.107 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 851.816+/-2286.928 χ^2/NDF : 1.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

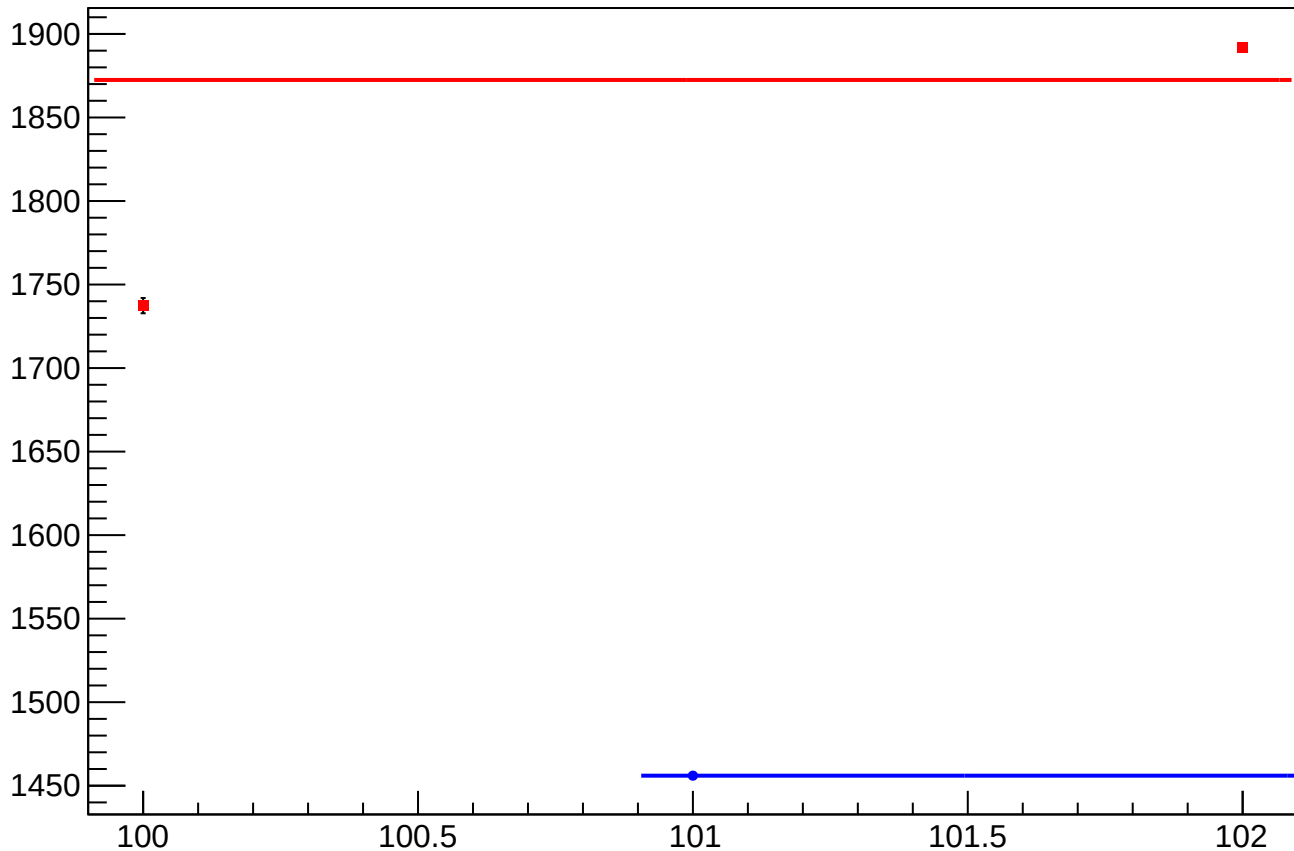
Right: 188.374+/-1414.970 χ^2/NDF : 1.4/2

In: -223.132+/-1801.107 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 188.374+/-1414.970 χ^2/NDF : 1.4/2

dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1456.008 $\pm$ 1.274 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1872.465 $\pm$ 1.617 χ^2 /NDF: 1001.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

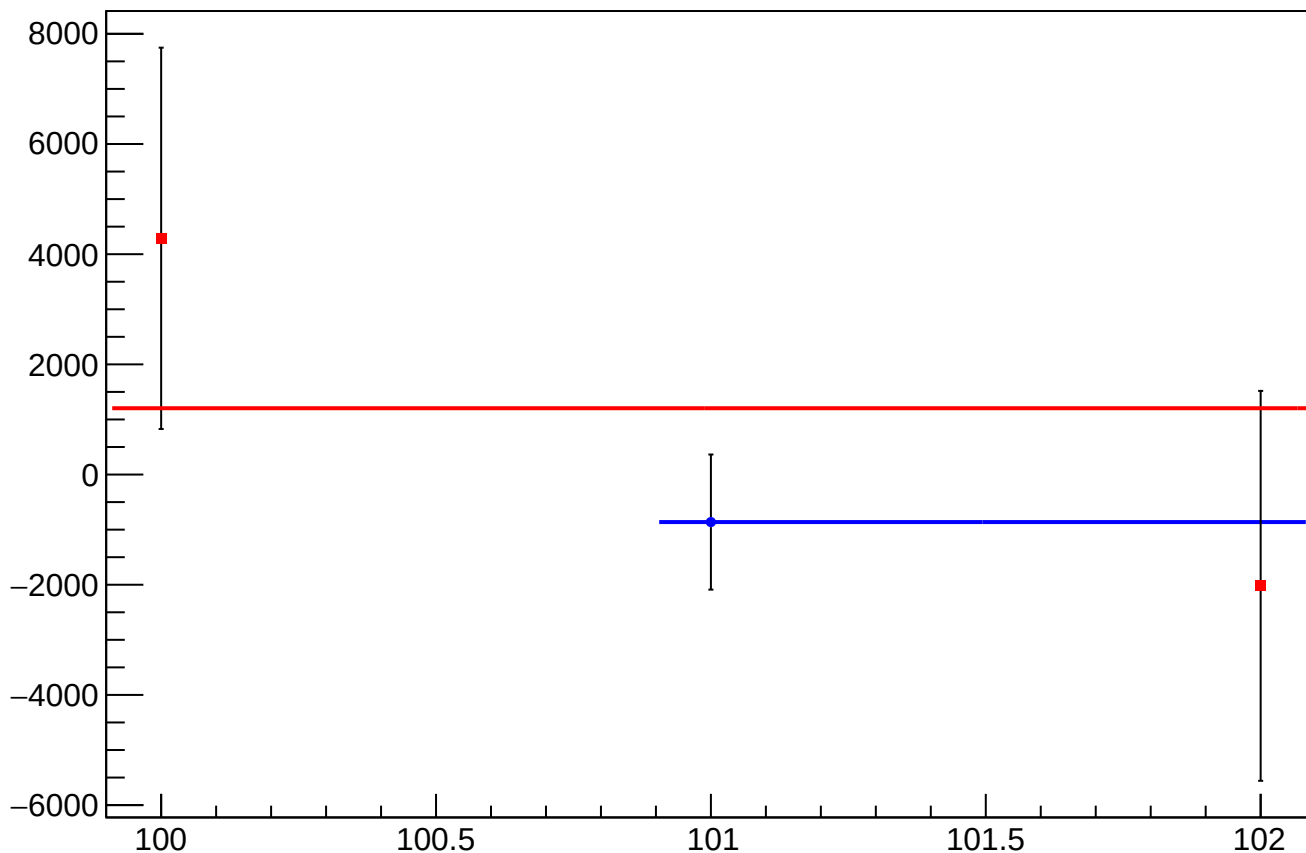
Right: 1615.434 $\pm$ 1.001 χ^2 /NDF: 41935.6/2

In: 1456.008 $\pm$ 1.274 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1615.434 $\pm$ 1.001 χ^2 /NDF: 41935.6/2

asym_usl_atl1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -862.334+/-1226.316 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1204.008+/-2474.341 χ^2/NDF : 1.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

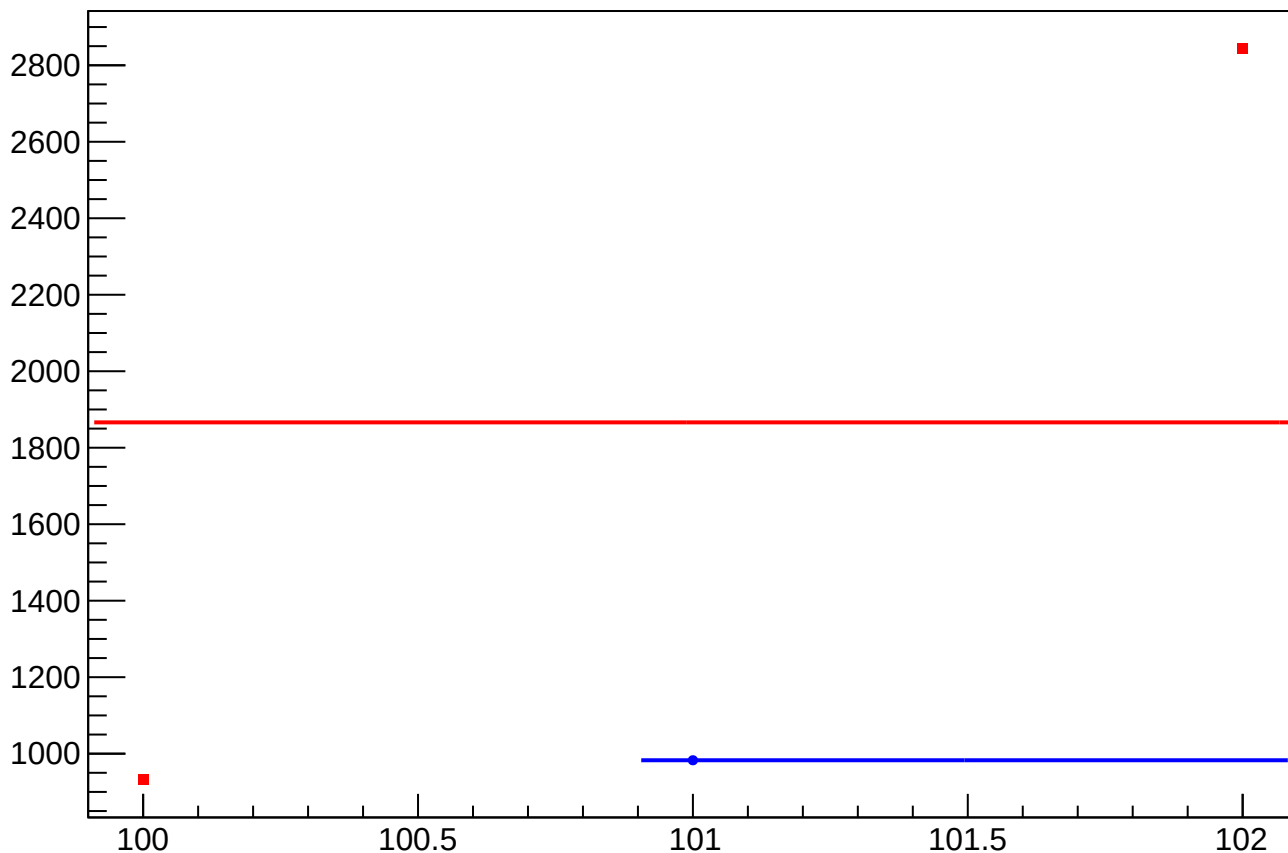
Right: -454.862+/-1098.772 χ^2/NDF : 2.2/2

In: -862.334+/-1226.316 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -454.862+/-1098.772 χ^2/NDF : 2.2/2

asym_usl_atl1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 982.793 $\pm$ 0.867 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1866.278 $\pm$ 1.750 χ^2 /NDF: 298416.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

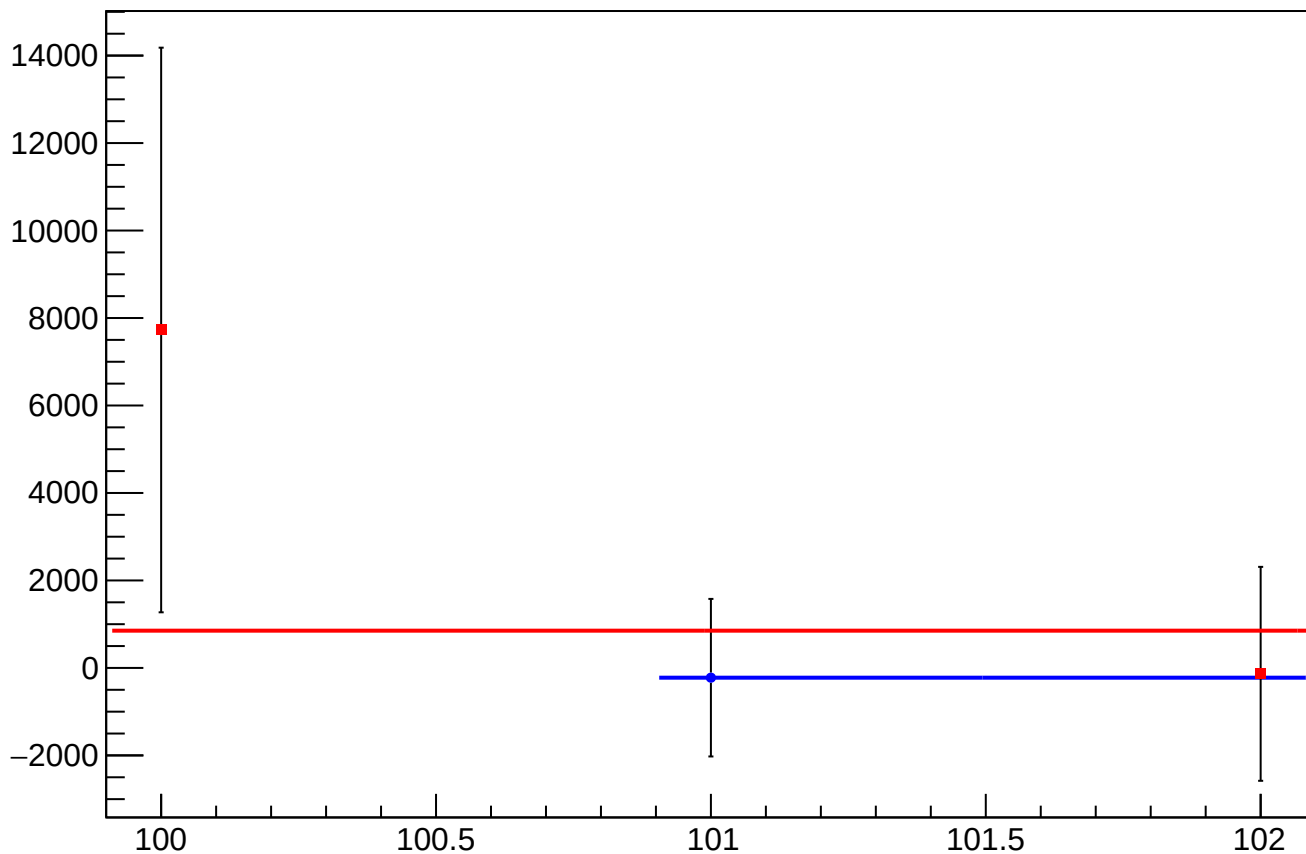
Right: 1157.012 $\pm$ 0.777 χ^2 /NDF: 503116.7/2

In: 982.793 $\pm$ 0.867 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1157.012 $\pm$ 0.777 χ^2 /NDF: 503116.7/2

eigen_dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -223.128+/-1801.107 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 851.825+/-2286.928 χ^2/NDF : 1.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

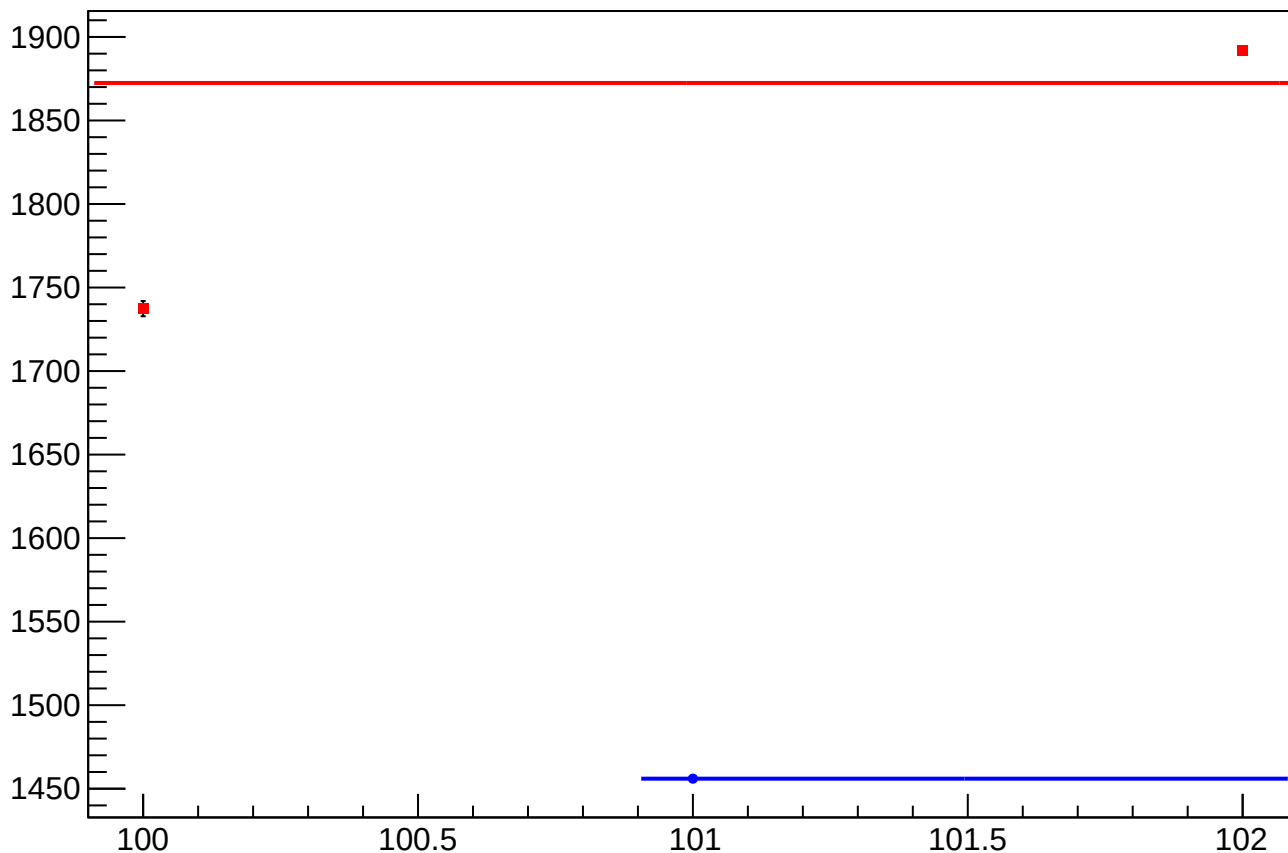
Right: 188.381+/-1414.969 χ^2/NDF : 1.4/2

In: -223.128+/-1801.107 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 188.381+/-1414.969 χ^2/NDF : 1.4/2

eigen_dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1456.008+/-1.274 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1872.465+/-1.617 χ^2/NDF : 1001.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

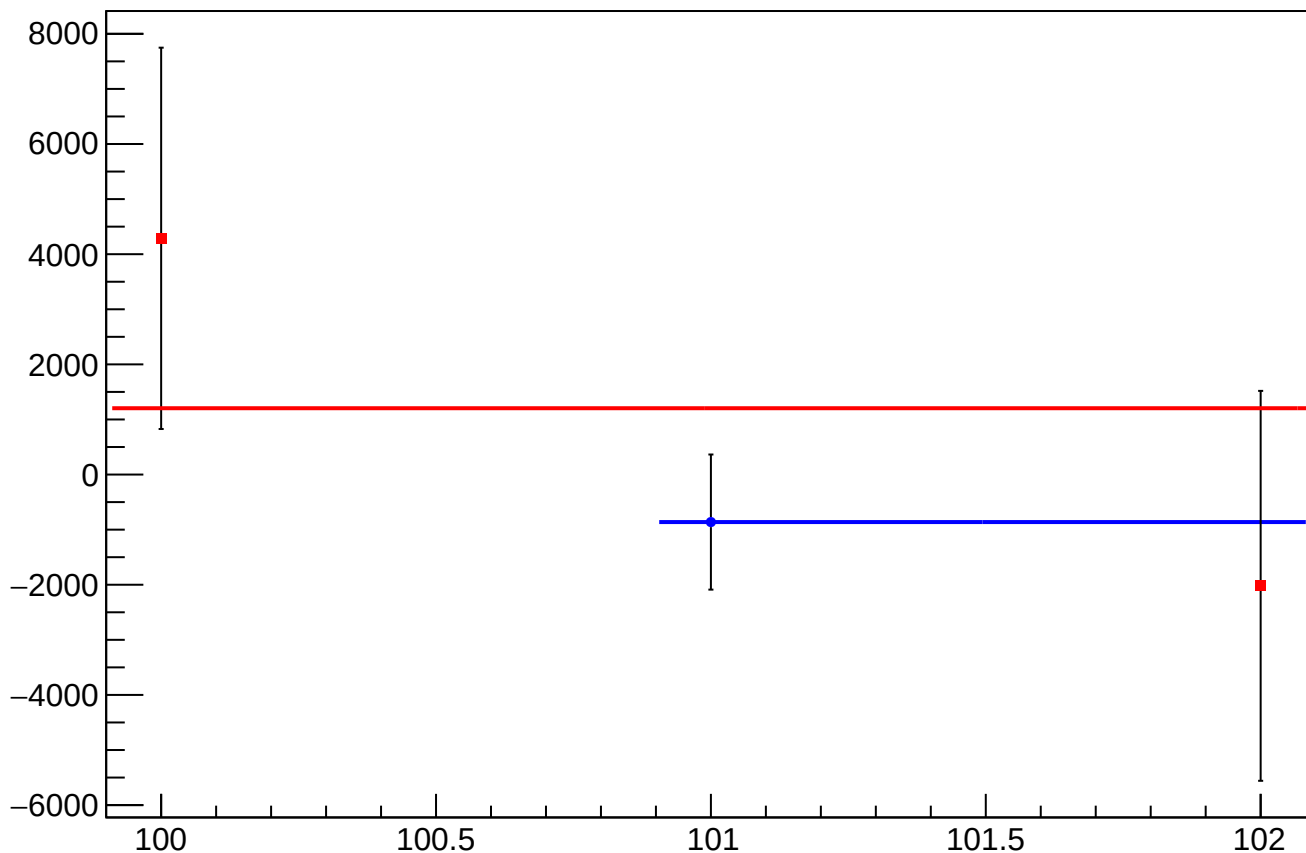
Right: 1615.434+/-1.001 χ^2/NDF : 41935.5/2

In: 1456.008+/-1.274 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1615.434+/-1.001 χ^2/NDF : 41935.5/2

asym_usl_atl1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -862.331+/-1226.315 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1204.006+/-2474.342 χ^2/NDF : 1.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

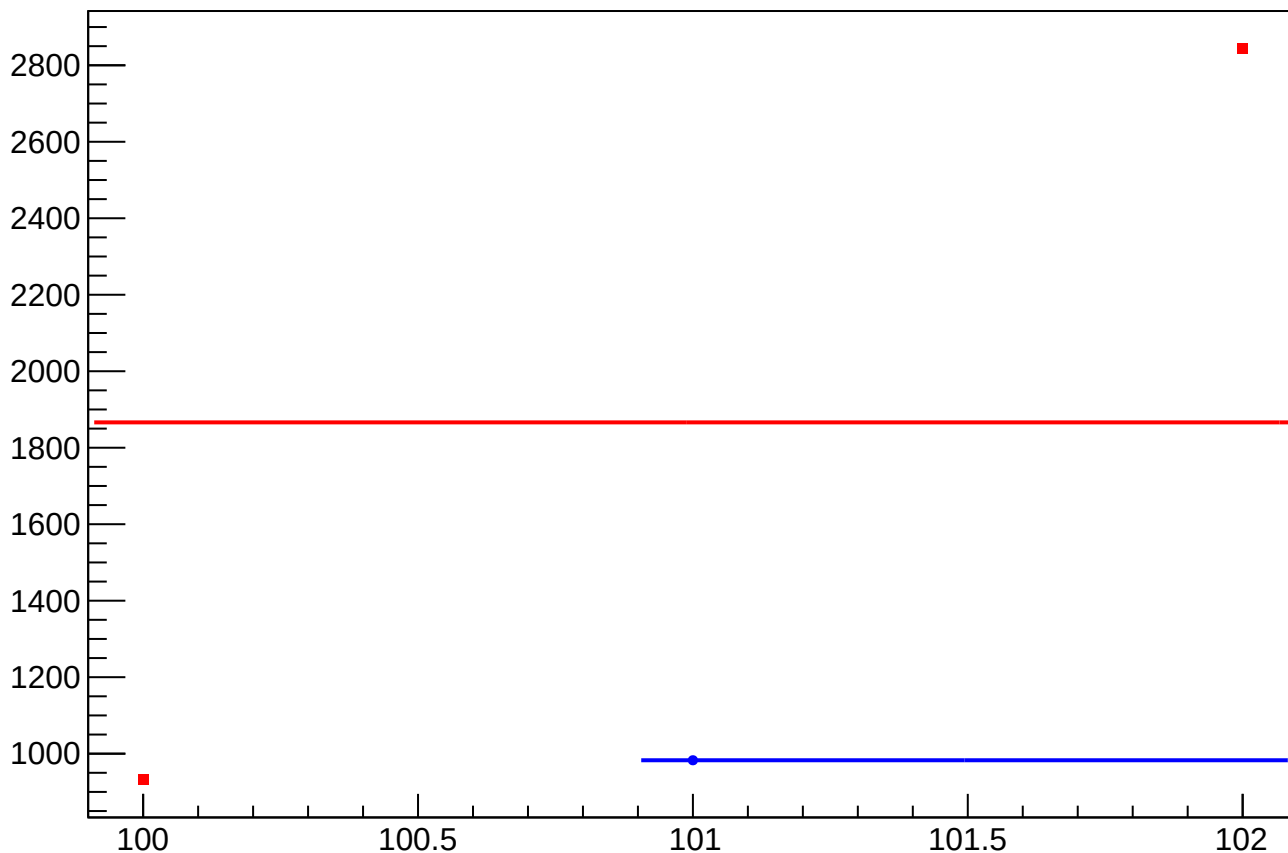
Right: -454.861+/-1098.771 χ^2/NDF : 2.2/2

In: -862.331+/-1226.315 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -454.861+/-1098.771 χ^2/NDF : 2.2/2

asym_usl_atl1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 982.792 $\pm$ 0.867 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1866.277 $\pm$ 1.750 χ^2 /NDF: 298417.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

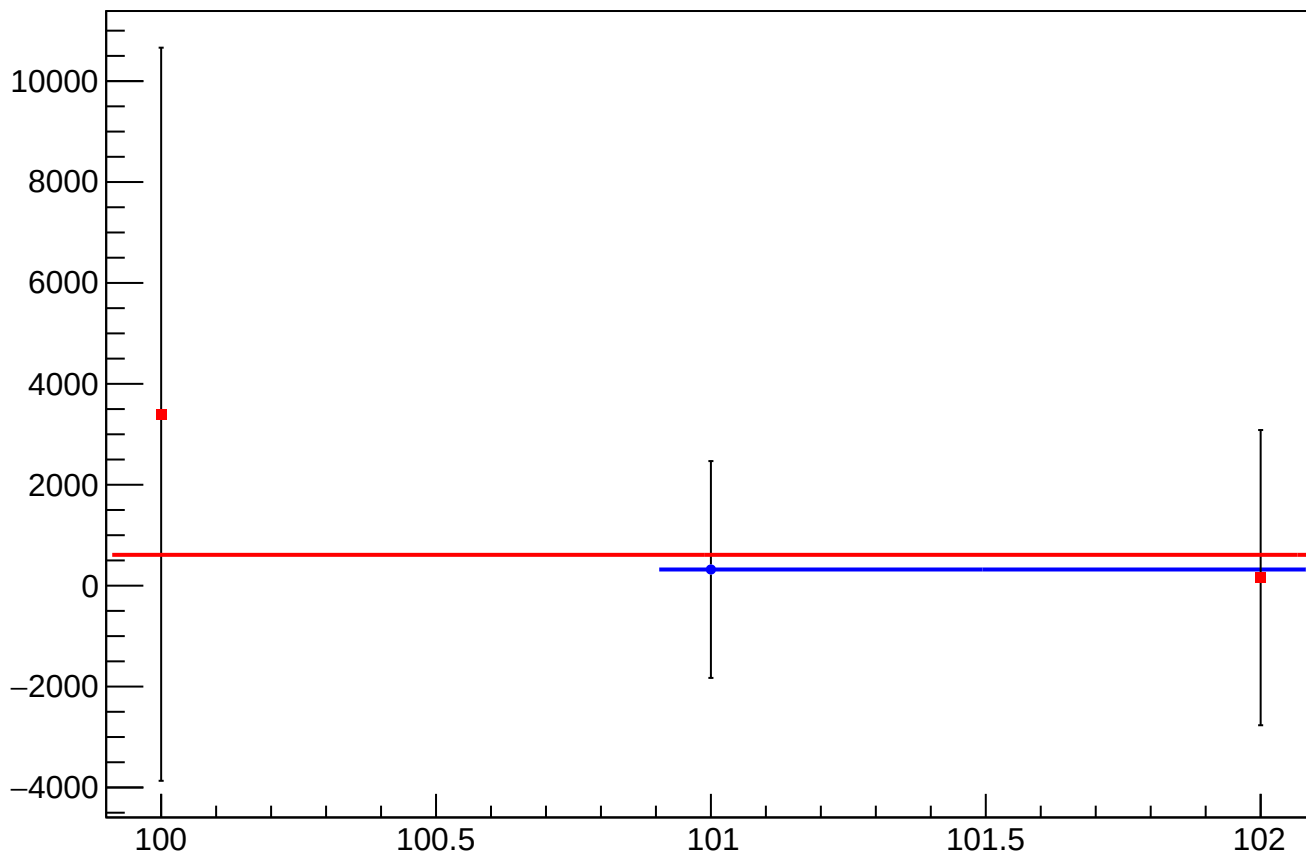
Right: 1157.011 $\pm$ 0.777 χ^2 /NDF: 503118.3/2

In: 982.792 $\pm$ 0.867 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1157.011 $\pm$ 0.777 χ^2 /NDF: 503118.3/2

asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 320.356+/-2148.855 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 610.871+/-2713.888 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

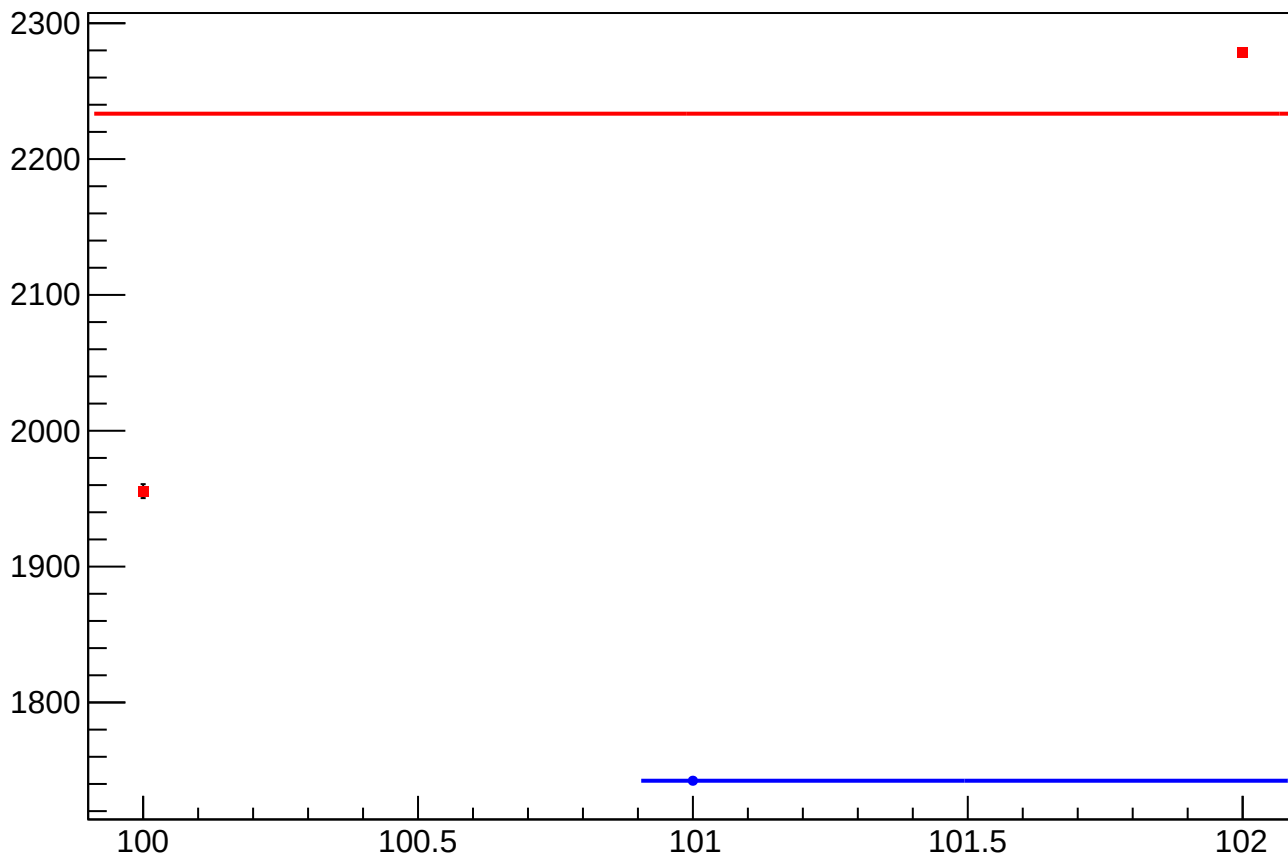
Right: 432.306+/-1684.692 χ^2/NDF : 0.2/2

In: 320.356+/-2148.855 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 432.306+/-1684.692 χ^2/NDF : 0.2/2

asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1742.373+/-1.519 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2233.412+/-1.919 χ^2/NDF : 3399.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

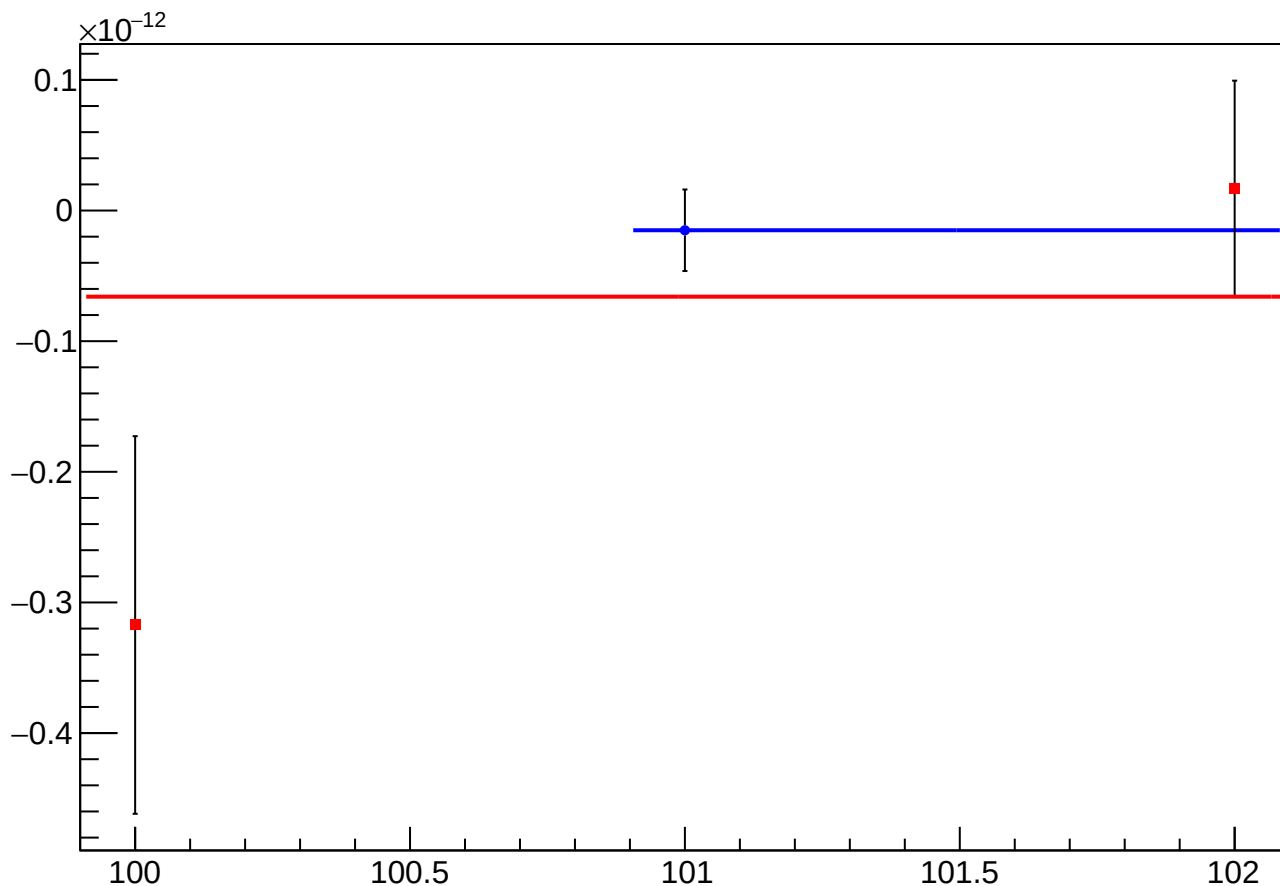
Right: 1931.595+/-1.191 χ^2/NDF : 43643.8/2

In: 1742.373+/-1.519 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1931.595+/-1.191 χ^2/NDF : 43643.8/2

asym_usl_atl1_dd_reg_vs_cor_diff_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 : 4.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

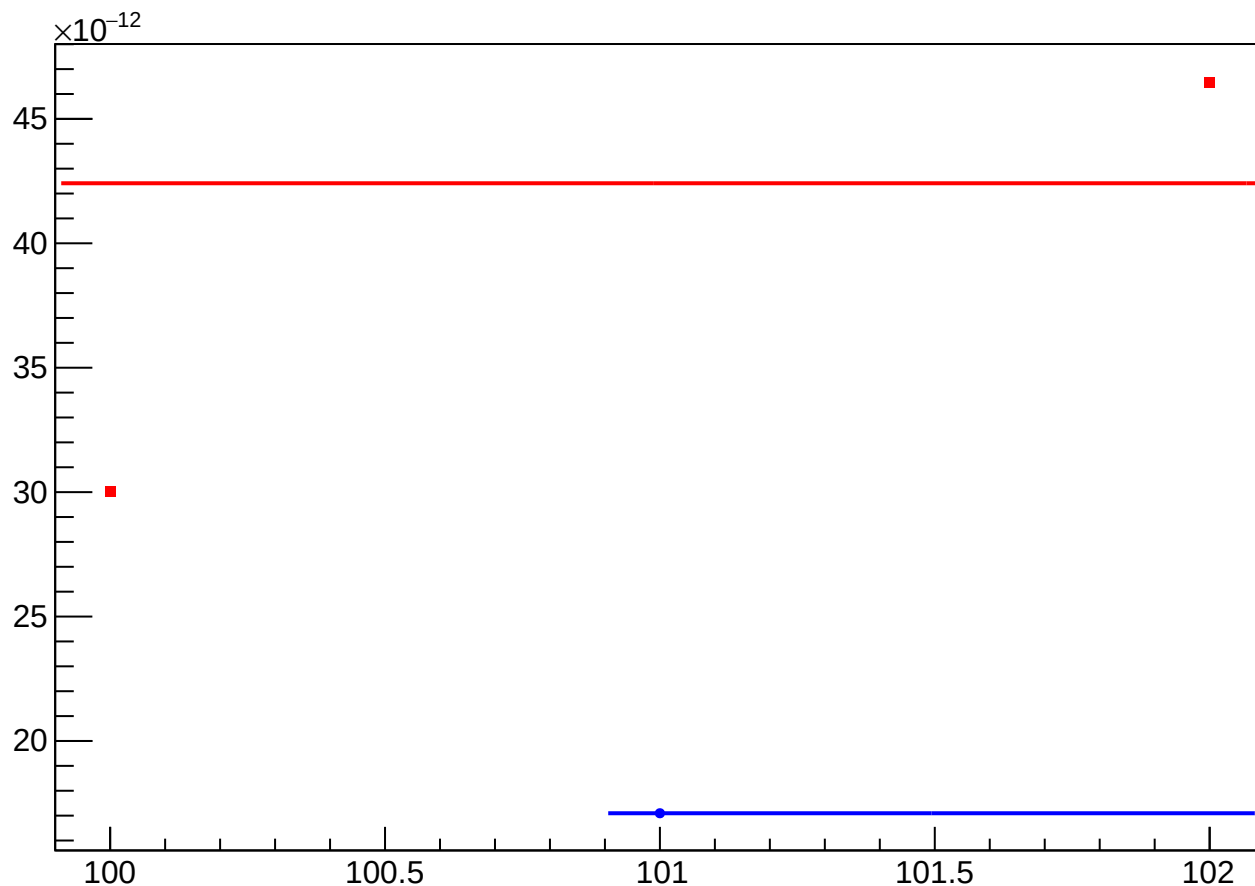
Right: -0.000+/-0.000 χ^2/NDF : 4.4/2

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 : 4.4/2

asym_usl_atl1_dd_reg_vs_cor_diff_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 : 19483.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

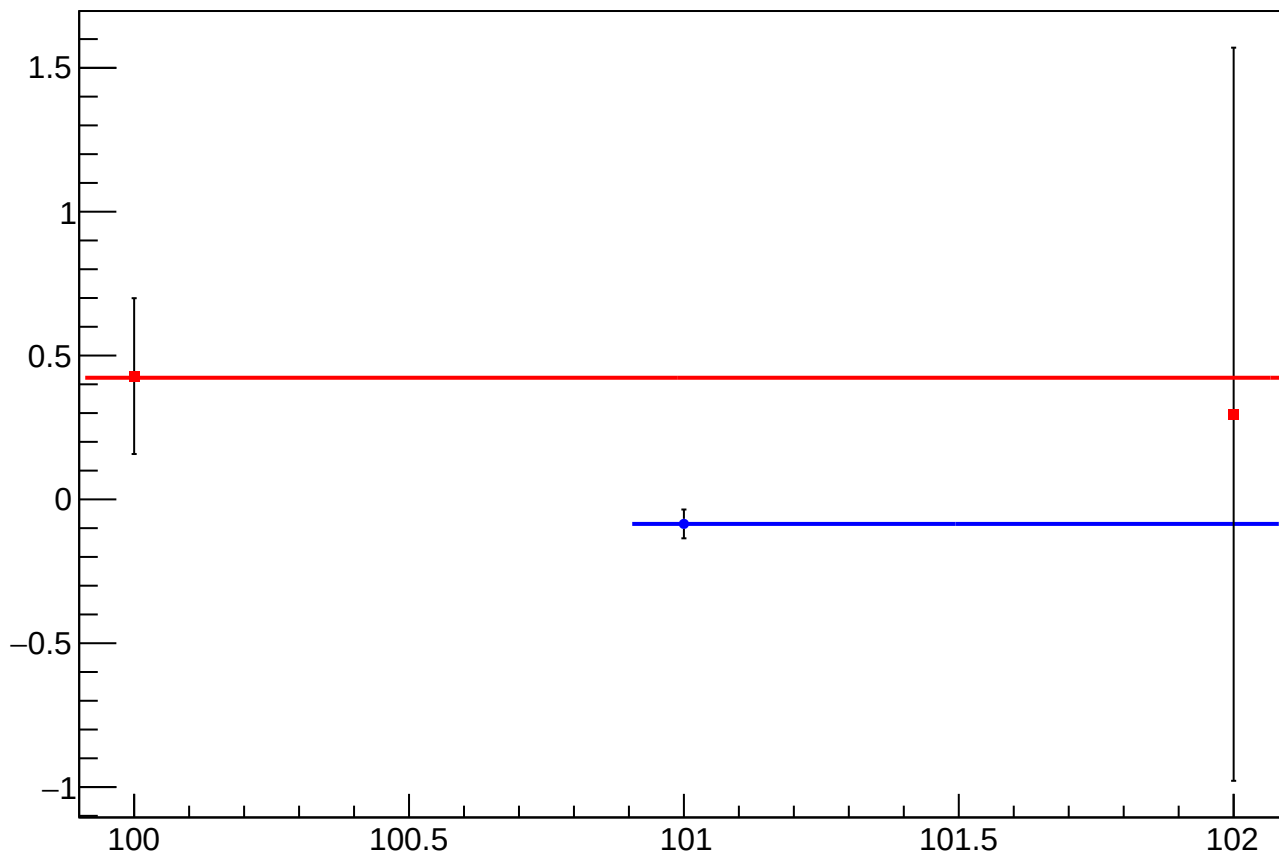
Right: 0.000+/-0.000 χ^2/NDF : 228361.2/2

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 : 228361.2/2

asym_usl_atl1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.085+/-0.050 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.423+/-0.265 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

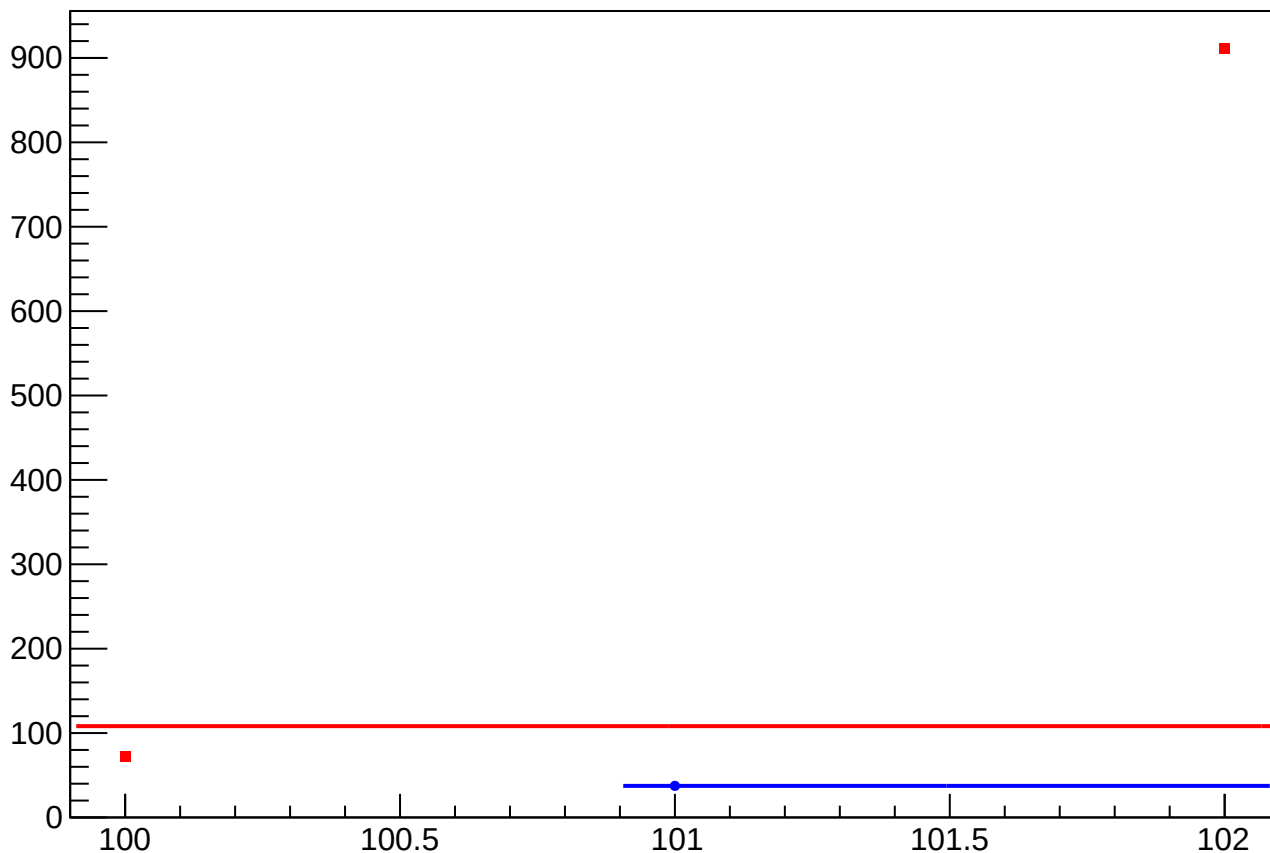
Right: -0.068+/-0.049 χ^2/NDF : 3.6/2

In: -0.085+/-0.050 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.068+/-0.049 χ^2/NDF : 3.6/2

asym_usl_atl1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.414 $\pm$ 0.035 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 108.184 $\pm$ 0.187 χ^2 /NDF: 829838.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

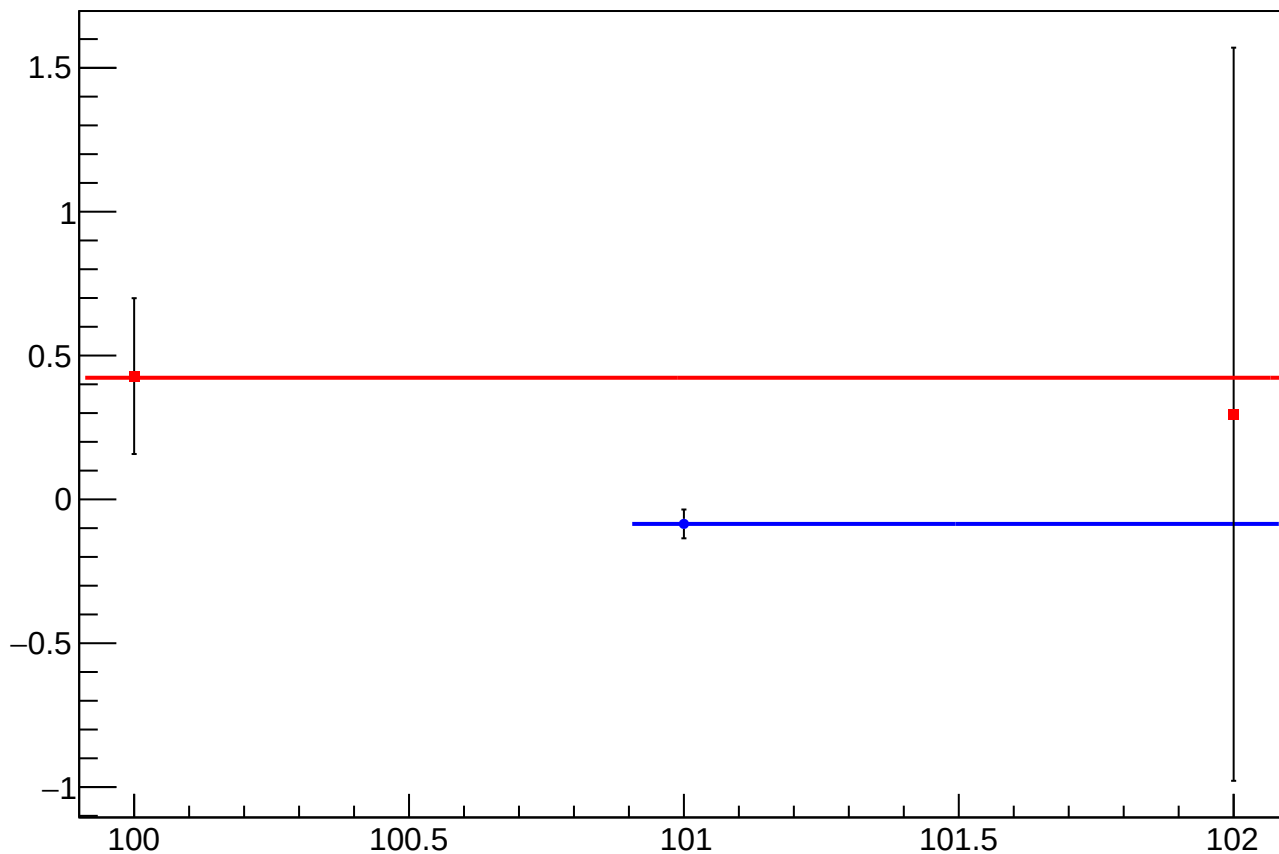
Right: 39.852 $\pm$ 0.035 χ^2 /NDF: 967654.1/2

In: 37.414 $\pm$ 0.035 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.852 $\pm$ 0.035 χ^2 /NDF: 967654.1/2

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.085+/-0.050 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.423+/-0.265 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

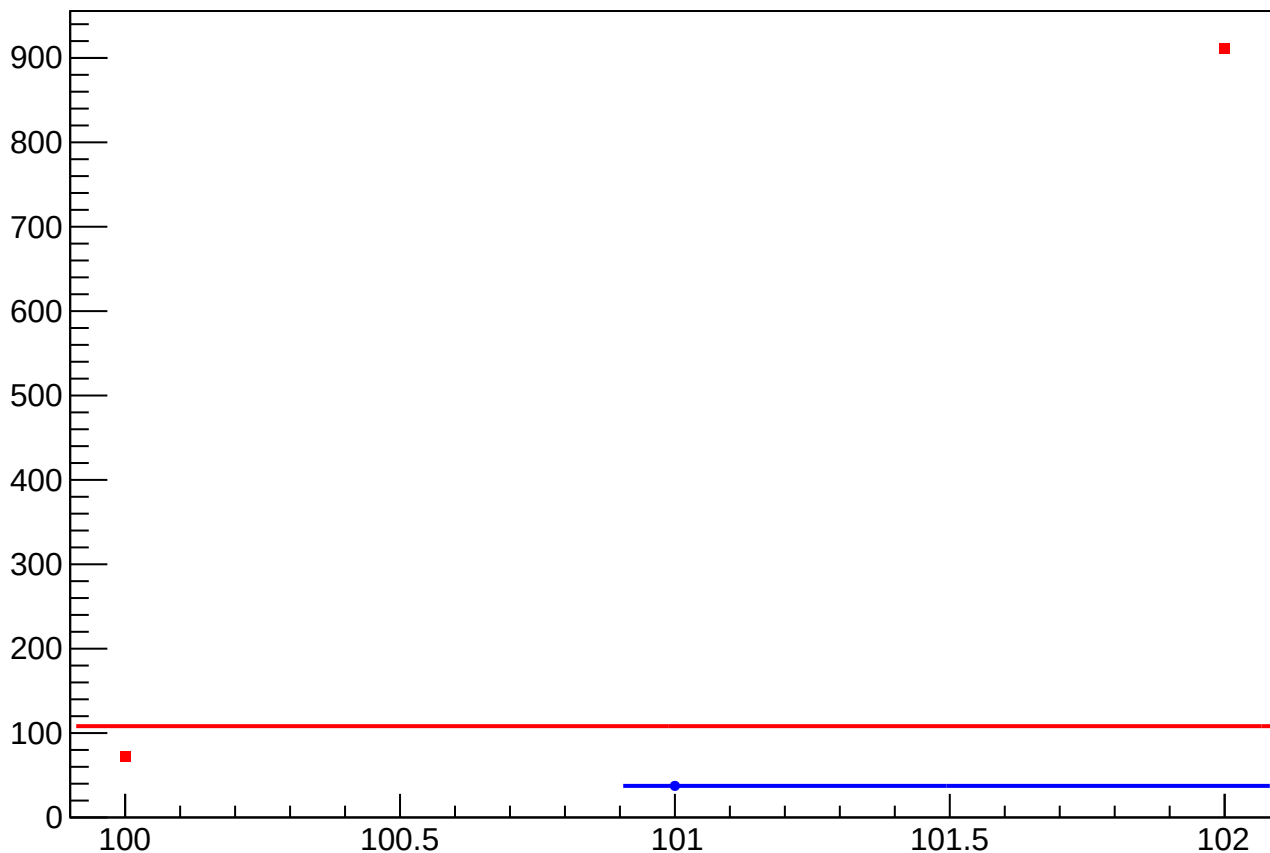
Right: -0.068+/-0.049 χ^2/NDF : 3.6/2

In: -0.085+/-0.050 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.068+/-0.049 χ^2/NDF : 3.6/2

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.414 $\pm$ 0.035 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 108.184 $\pm$ 0.187 χ^2 /NDF: 829838.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

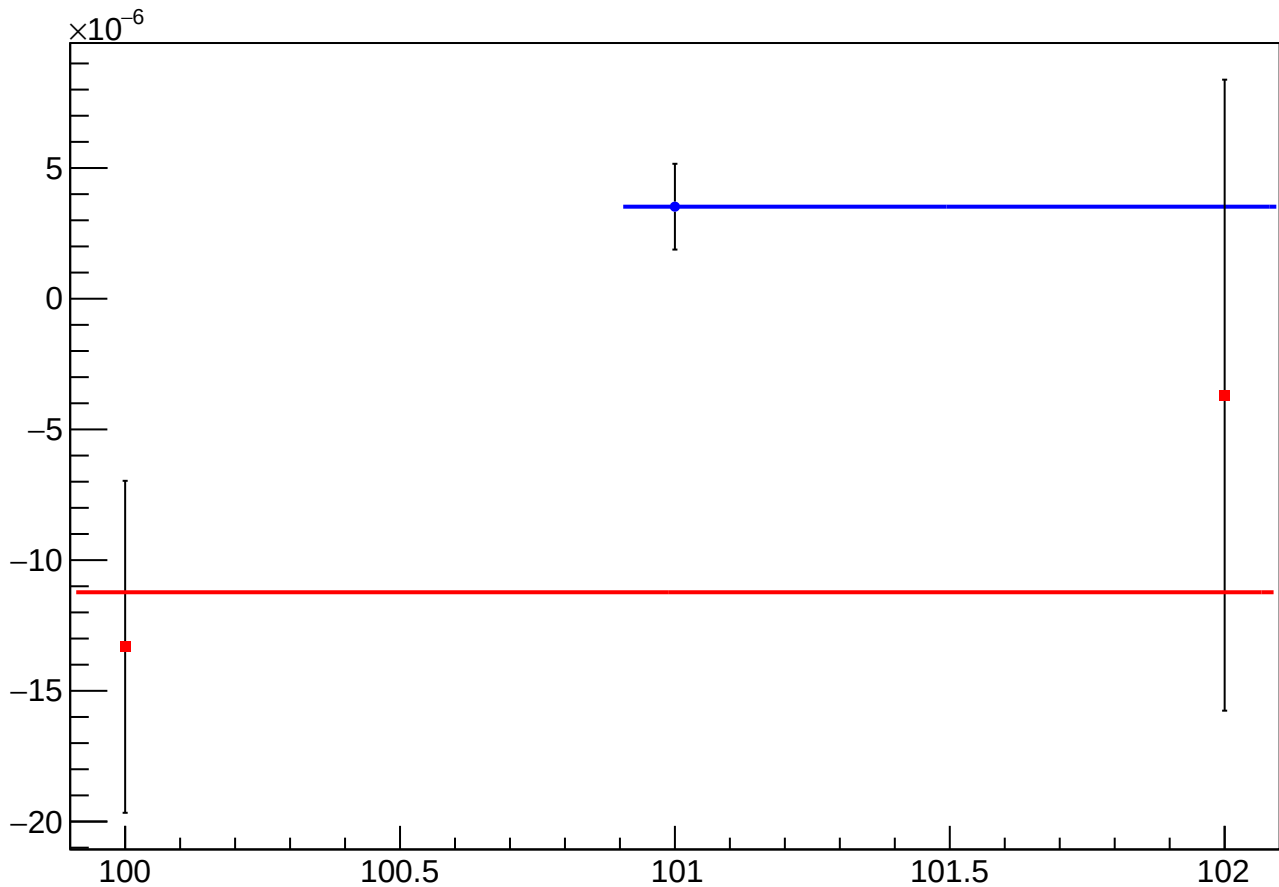
Right: 39.852 $\pm$ 0.035 χ^2 /NDF: 967654.1/2

In: 37.414 $\pm$ 0.035 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.852 $\pm$ 0.035 χ^2 /NDF: 967654.1/2

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

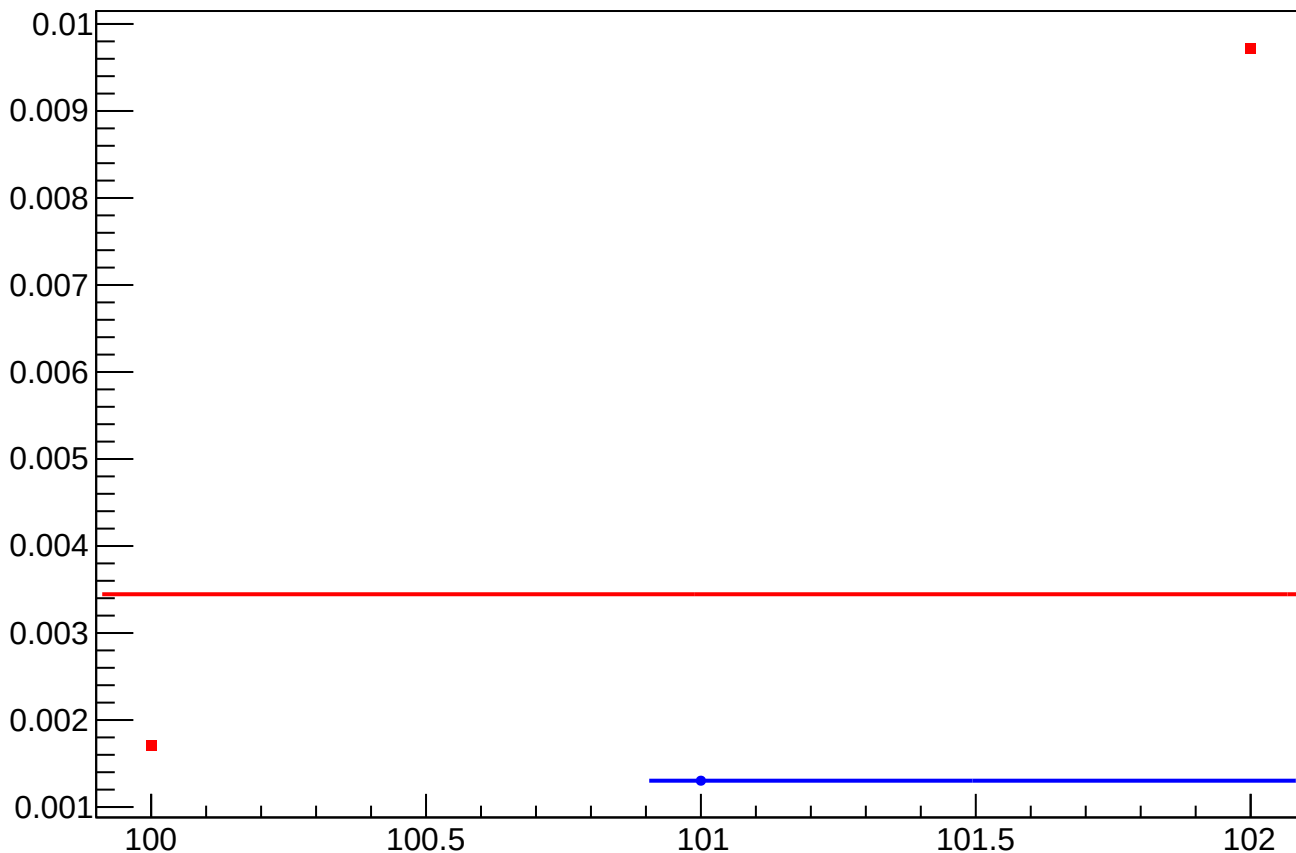
Right: 0.000+/-0.000 χ^2/NDF : 6.8/2

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 : 6.8/2

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 689965.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

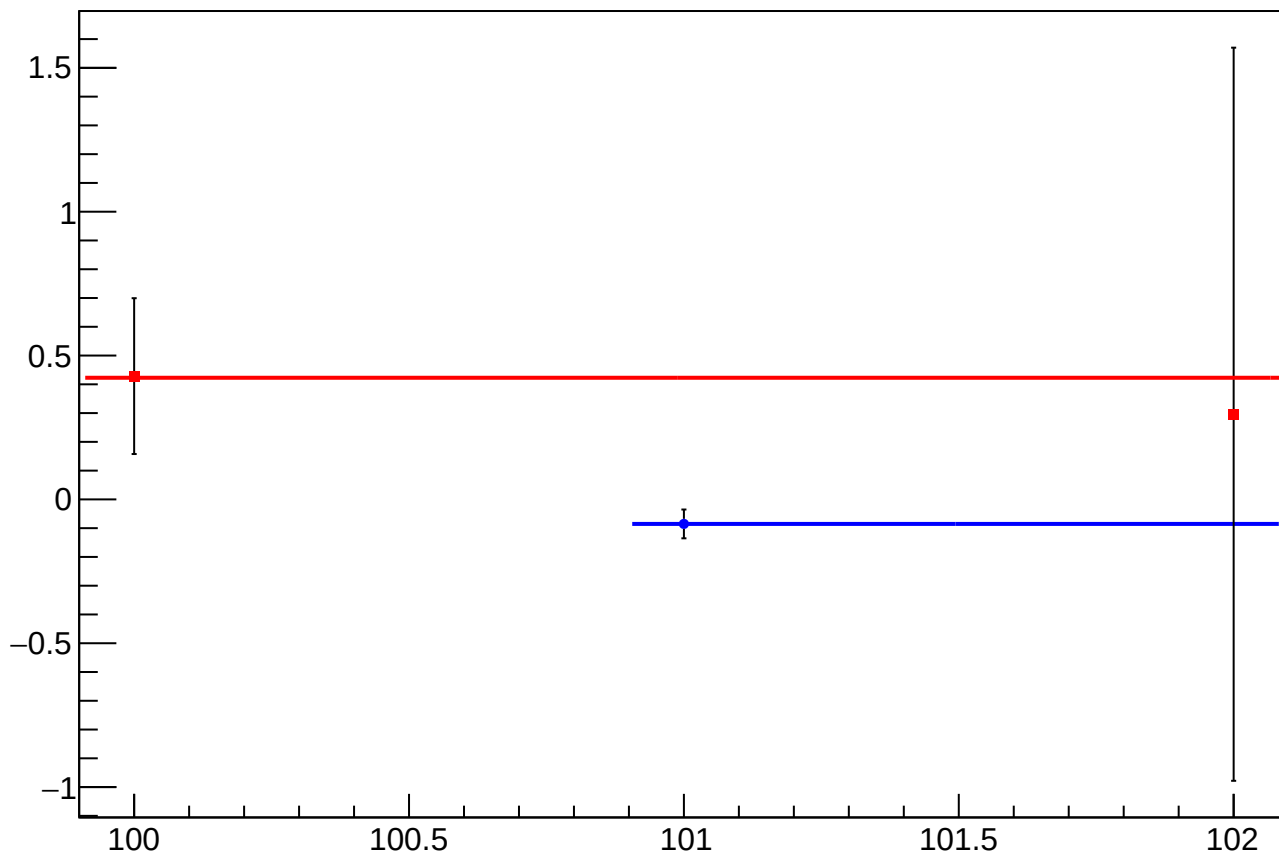
Right: 0.001+/-0.000 χ^2/NDF : 957979.9/2

In: 0.001+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 957979.9/2

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.085+/-0.050 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.423+/-0.265 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

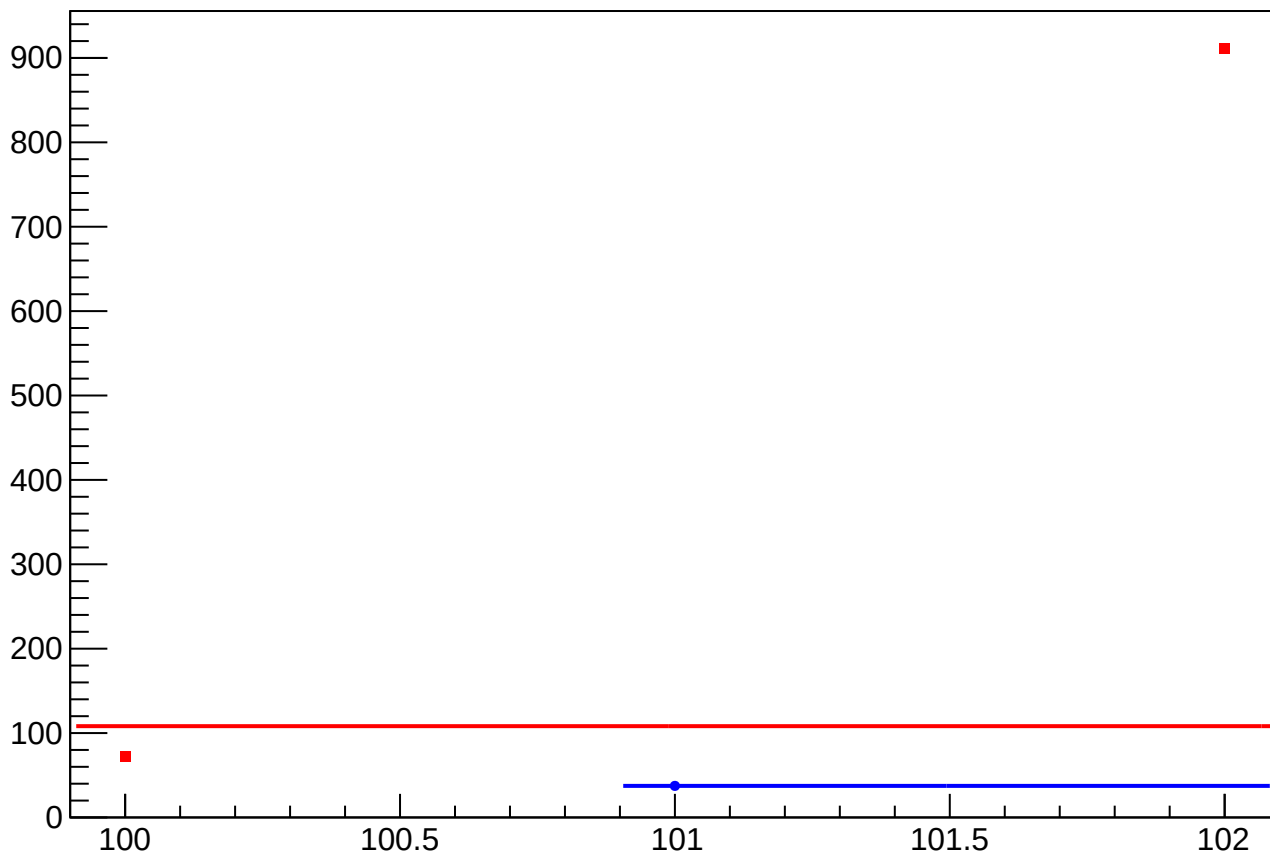
Right: -0.068+/-0.049 χ^2/NDF : 3.6/2

In: -0.085+/-0.050 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.068+/-0.049 χ^2/NDF : 3.6/2

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.414 $\pm$ 0.035 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 108.183 $\pm$ 0.187 χ^2 /NDF: 829836.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

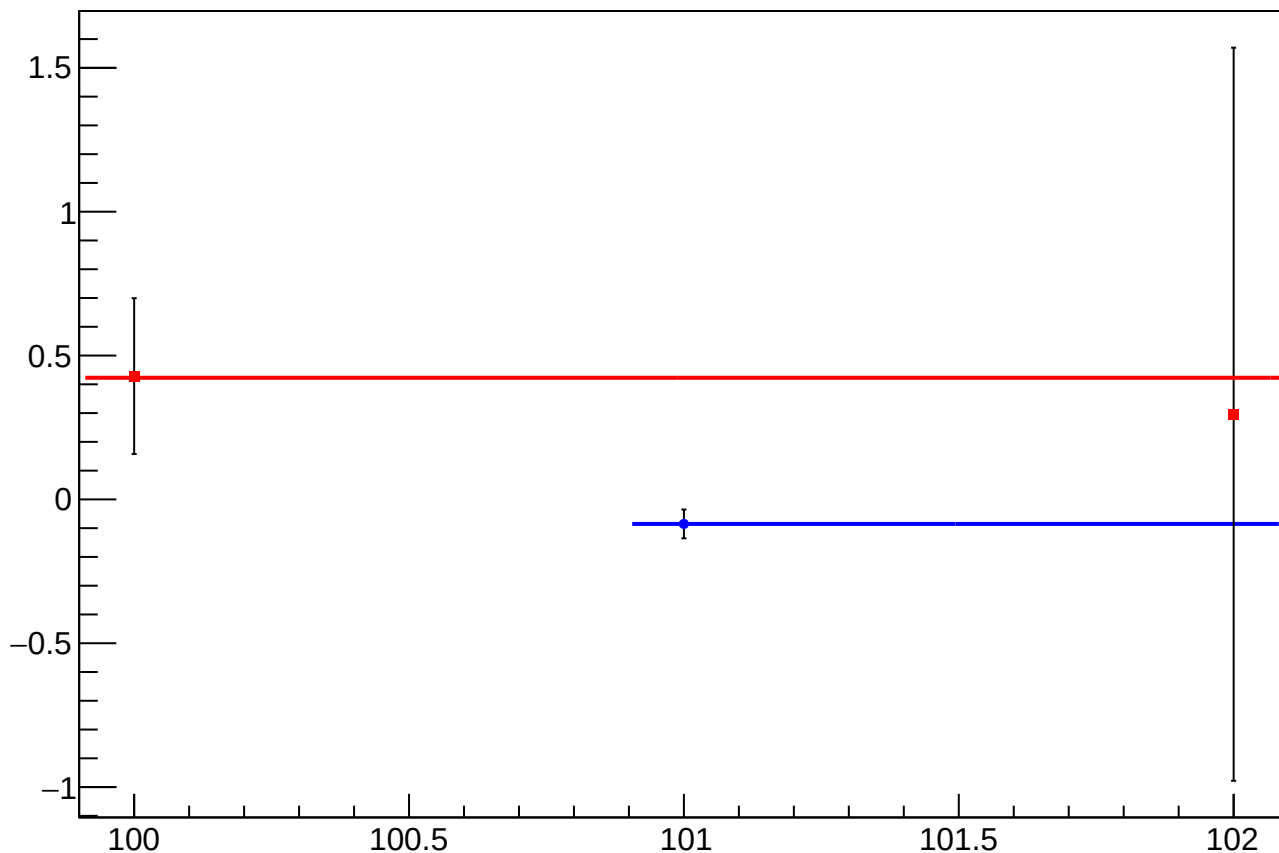
Right: 39.852 $\pm$ 0.035 χ^2 /NDF: 967649.3/2

In: 37.414 $\pm$ 0.035 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.852 $\pm$ 0.035 χ^2 /NDF: 967649.3/2

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.085+/-0.050 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.423+/-0.265 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

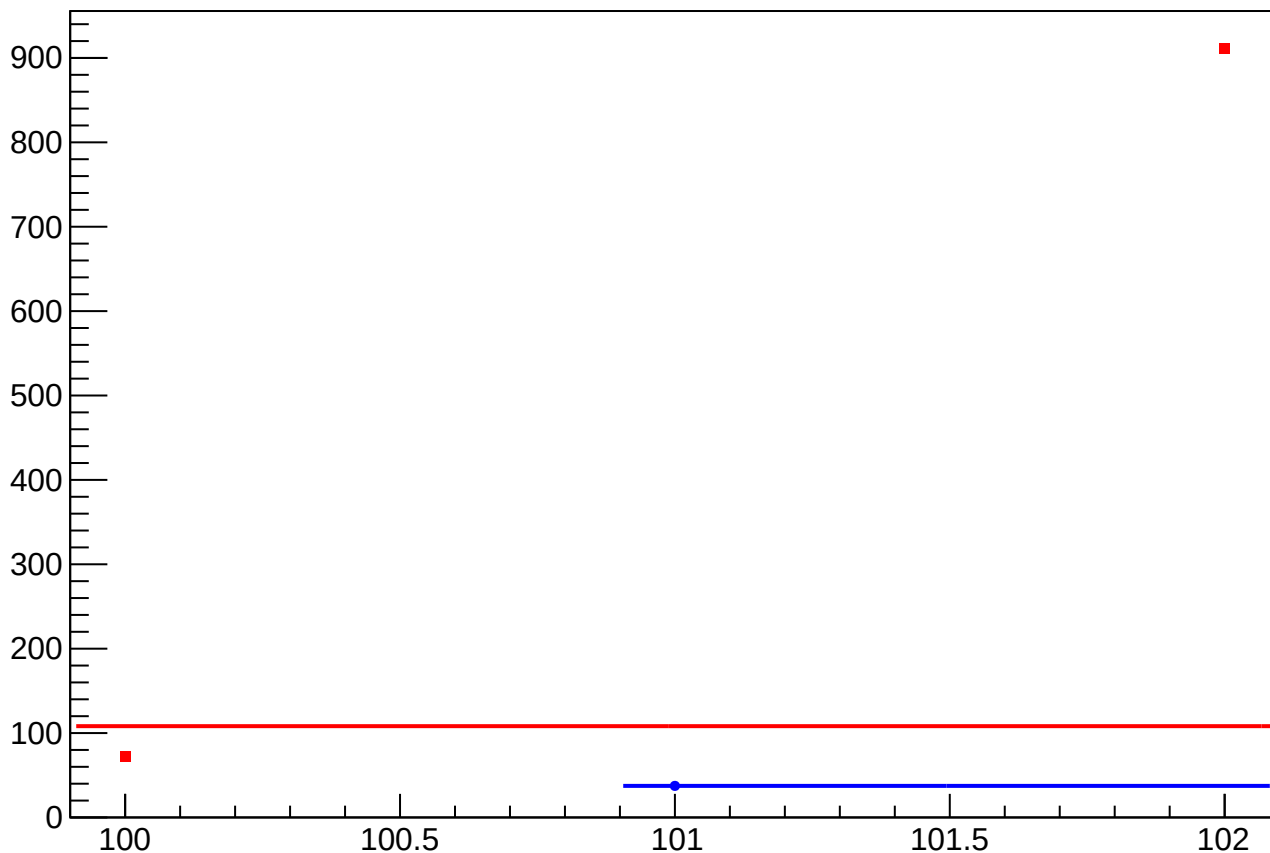
Right: -0.068+/-0.049 χ^2/NDF : 3.6/2

In: -0.085+/-0.050 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.068+/-0.049 χ^2/NDF : 3.6/2

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.414 $\pm$ 0.035 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 108.183 $\pm$ 0.187 χ^2 /NDF: 829836.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

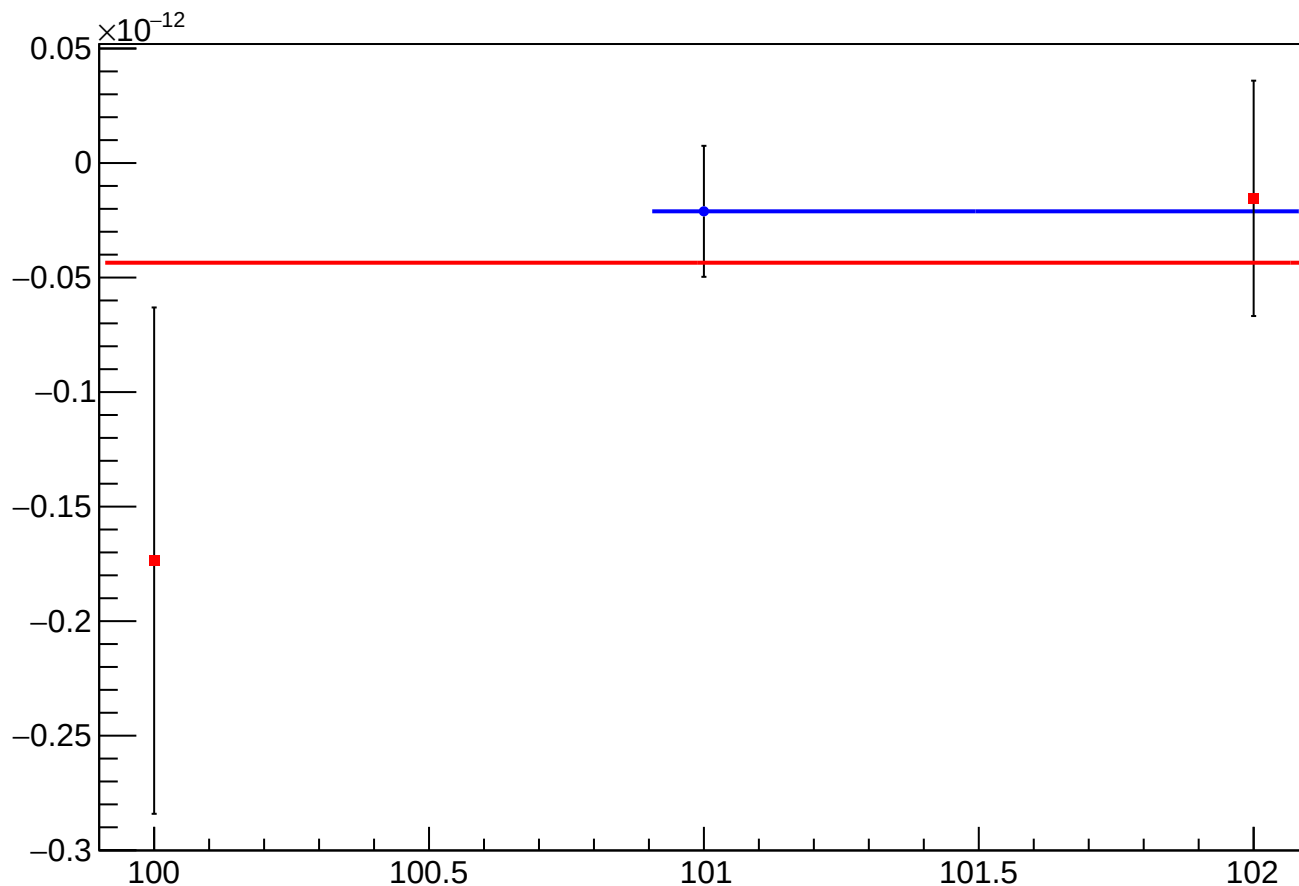
Right: 39.852 $\pm$ 0.035 χ^2 /NDF: 967649.3/2

In: 37.414 $\pm$ 0.035 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.852 $\pm$ 0.035 χ^2 /NDF: 967649.3/2

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_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 : 1.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

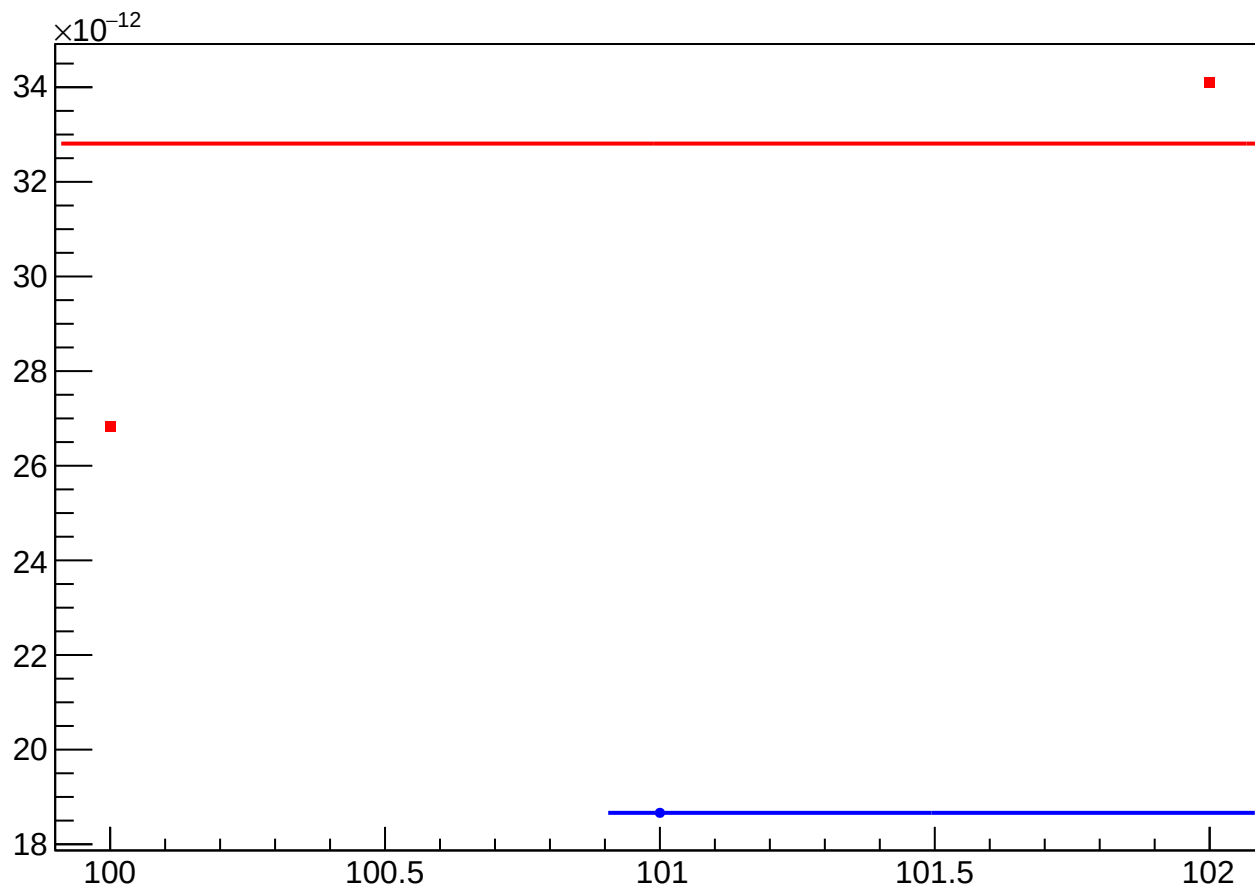
Right: -0.000+/-0.000 χ^2/NDF : 1.9/2

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 : 1.9/2

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_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 : 7132.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

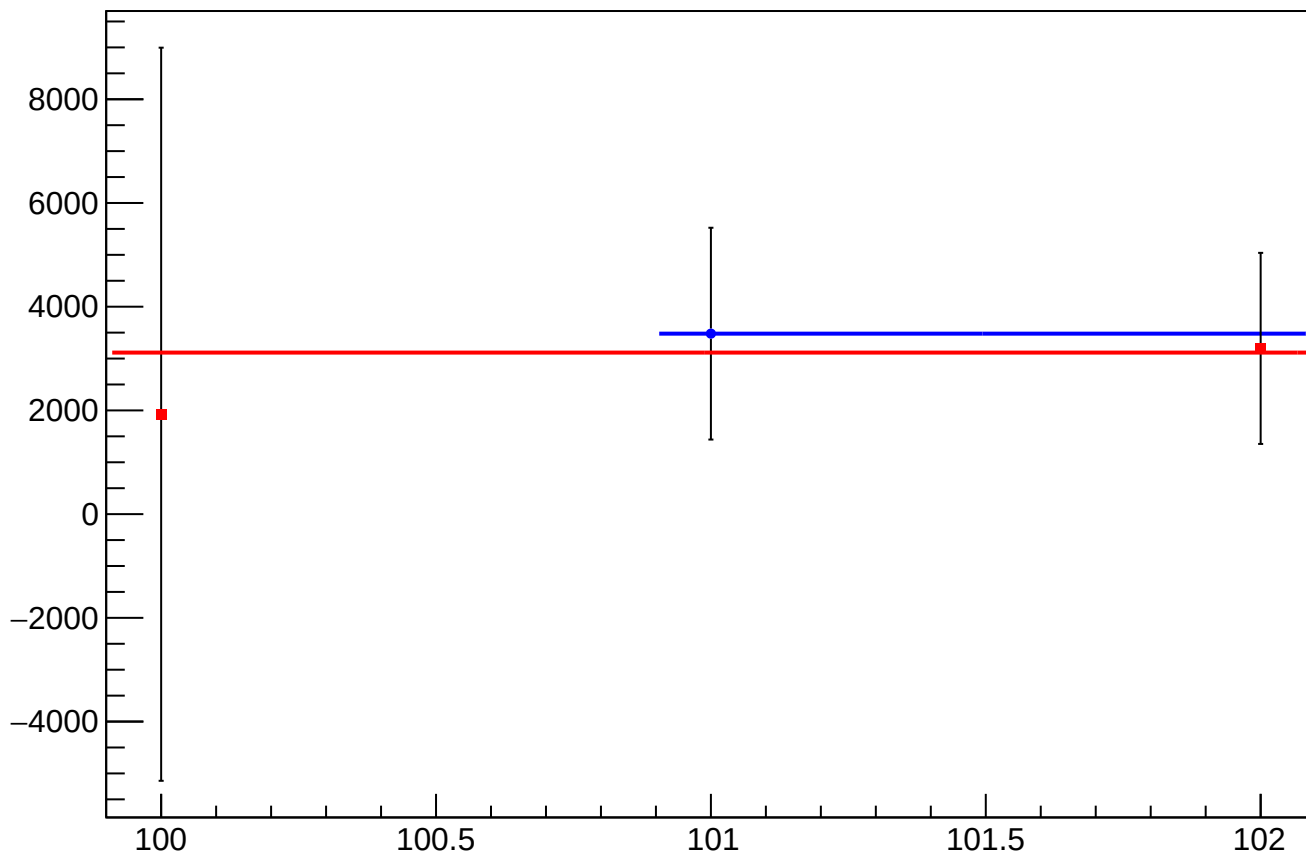
Right: 0.000+/-0.000 χ^2/NDF : 141048.9/2

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 : 141048.9/2

reg_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 3480.223+/-2042.110 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3115.067+/-1782.808 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

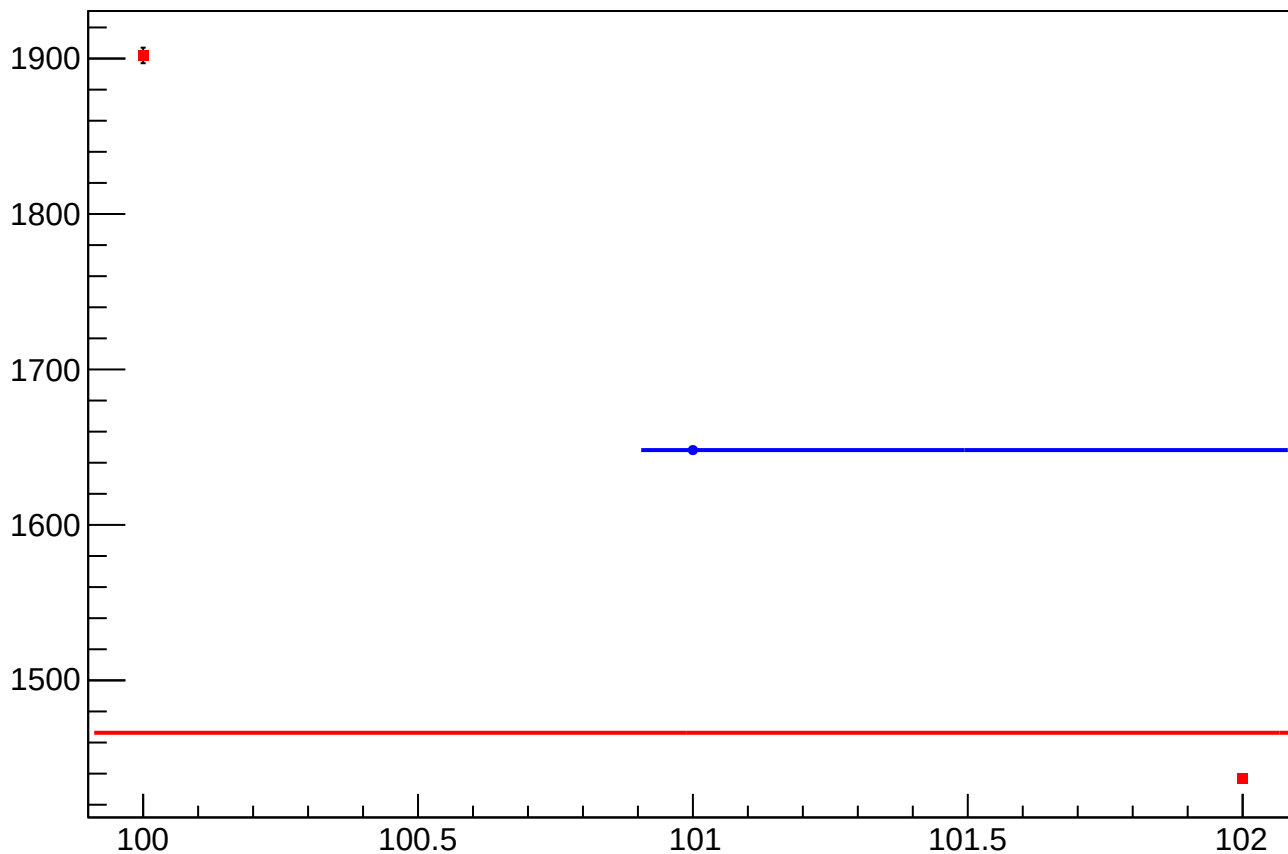
Right: 3273.003+/-1343.015 χ^2/NDF : 0.0/2

In: 3480.223+/-2042.110 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3273.003+/-1343.015 χ^2/NDF : 0.0/2

reg_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1648.131+/-1.444 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1466.293+/-1.261 χ^2/NDF : 8115.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

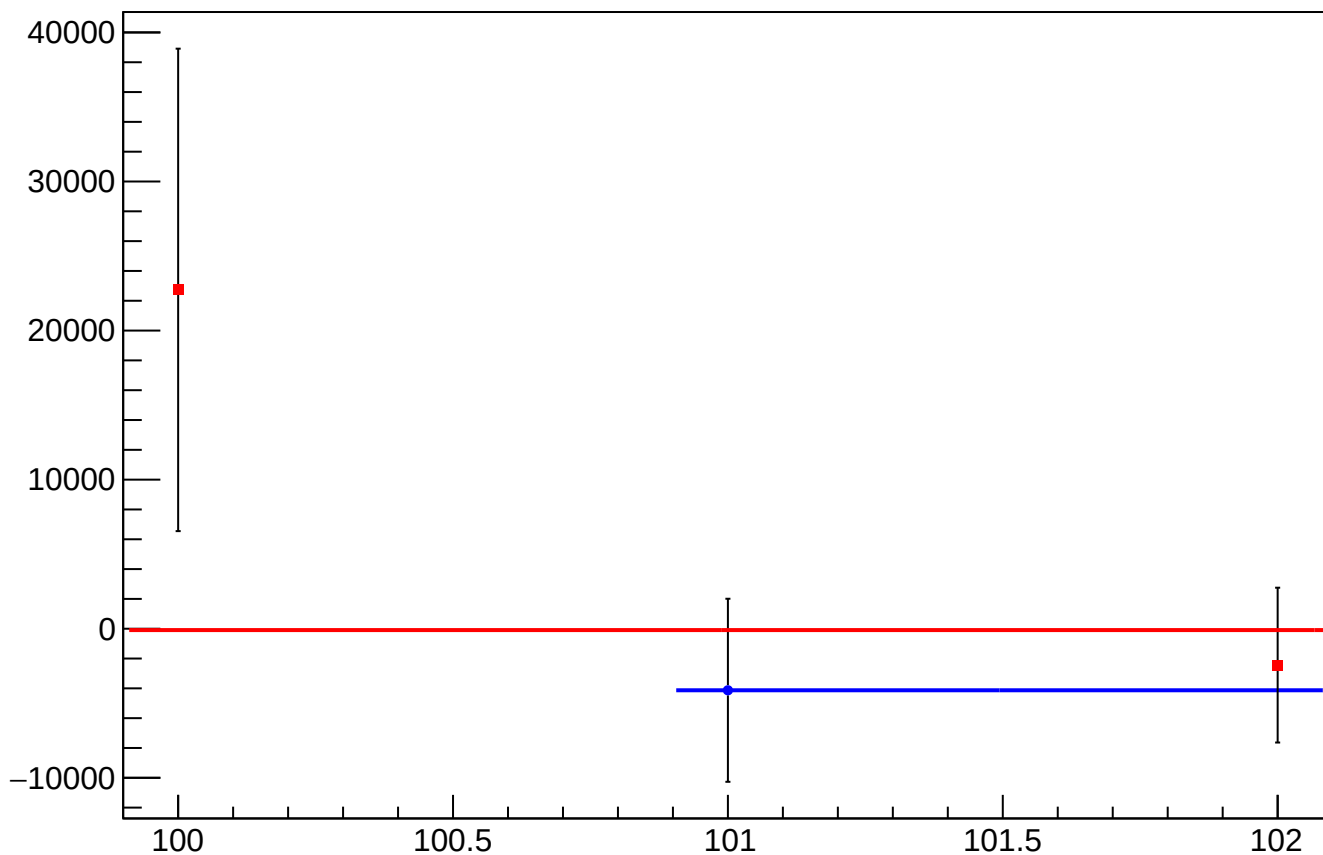
Right: 1544.941+/-0.950 χ^2/NDF : 17114.2/2

In: 1648.131+/-1.444 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1544.941+/-0.950 χ^2/NDF : 17114.2/2

asym_usl_atl2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -4129.341 $\pm$ 6139.524 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -91.322 $\pm$ 4944.700 χ^2 /NDF: 2.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

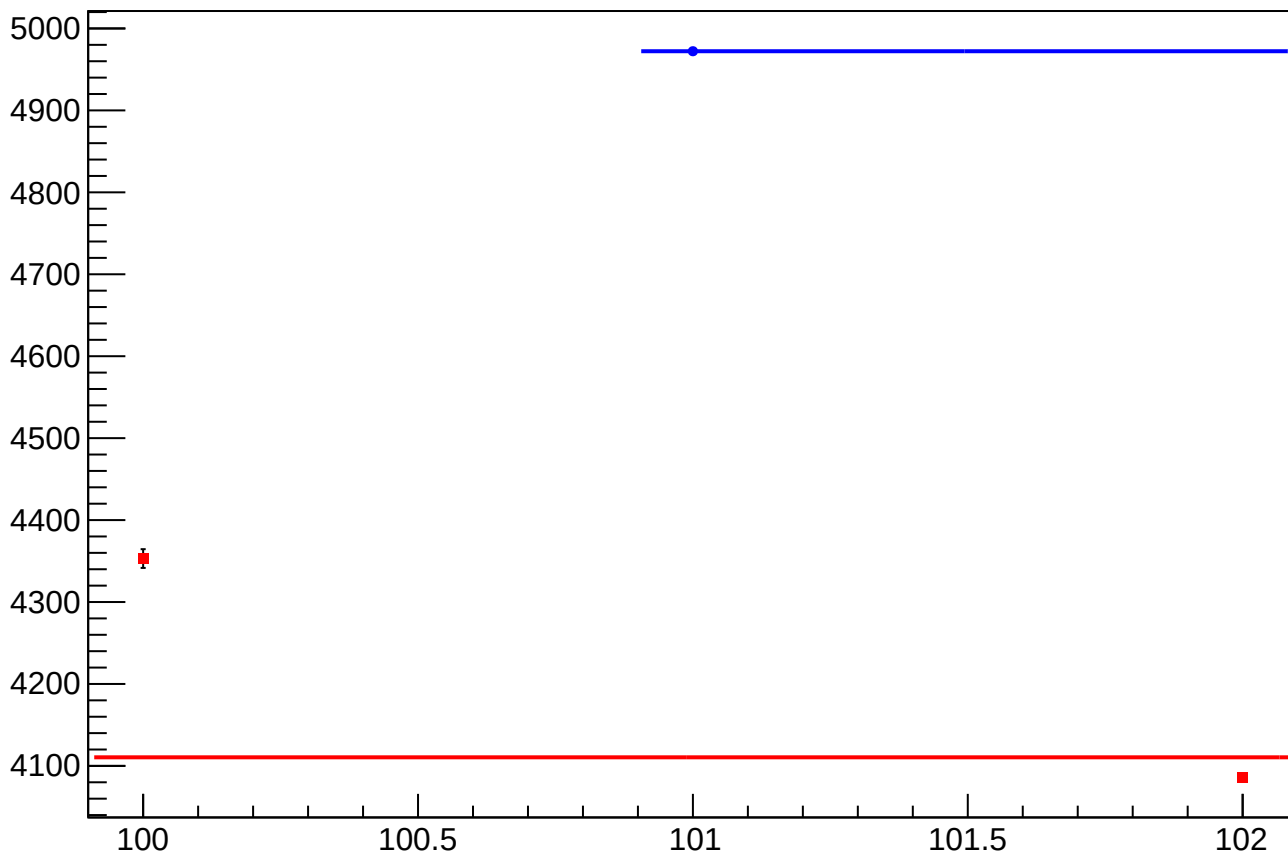
Right: -1680.053 $\pm$ 3851.019 χ^2 /NDF: 2.5/2

In: -4129.341 $\pm$ 6139.524 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1680.053 $\pm$ 3851.019 χ^2 /NDF: 2.5/2

asym_usl_atl2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 4972.214+/-4.341 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4110.471+/-3.496 χ^2/NDF : 495.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

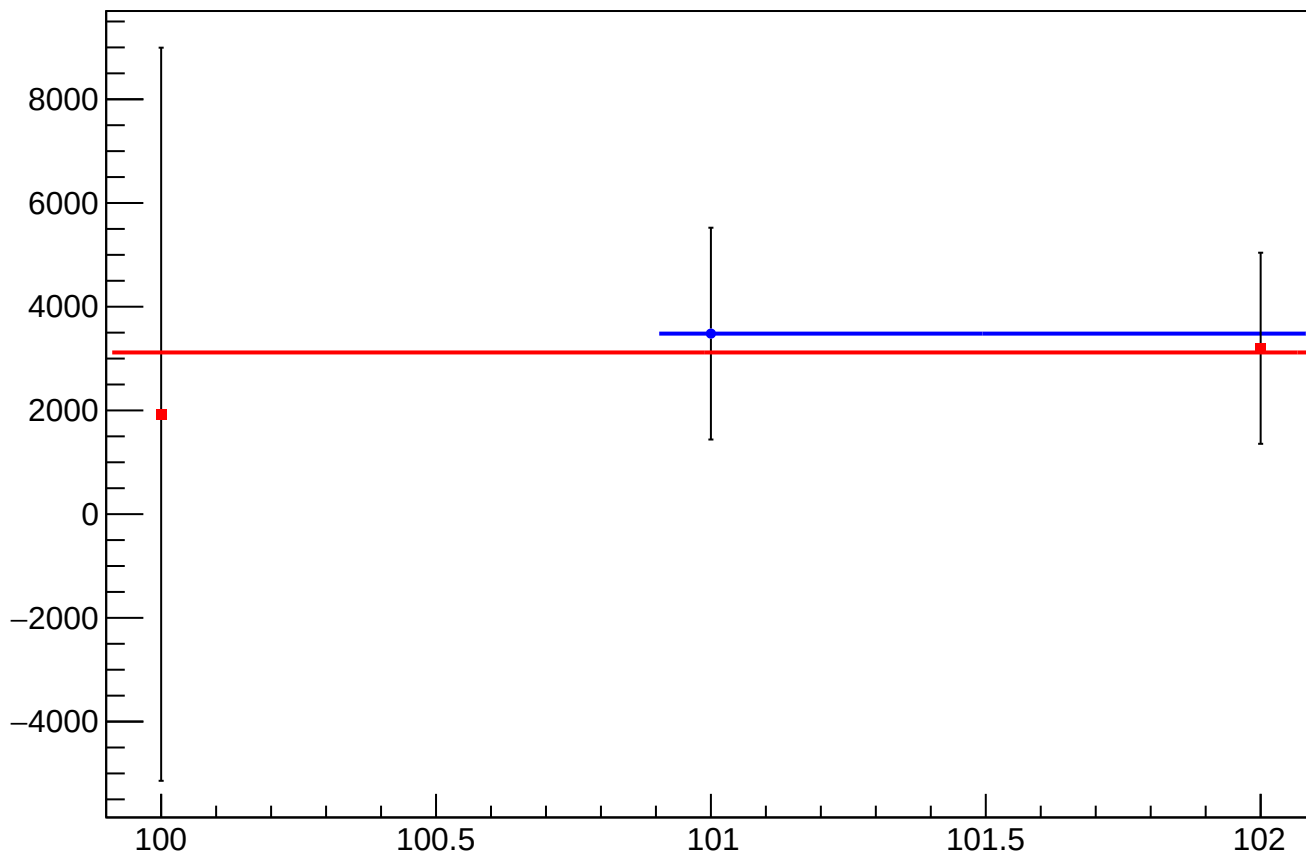
Right: 4449.518+/-2.723 χ^2/NDF : 24395.2/2

In: 4972.214+/-4.341 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4449.518+/-2.723 χ^2/NDF : 24395.2/2

cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 3481.126+/-2042.111 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3117.799+/-1782.939 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

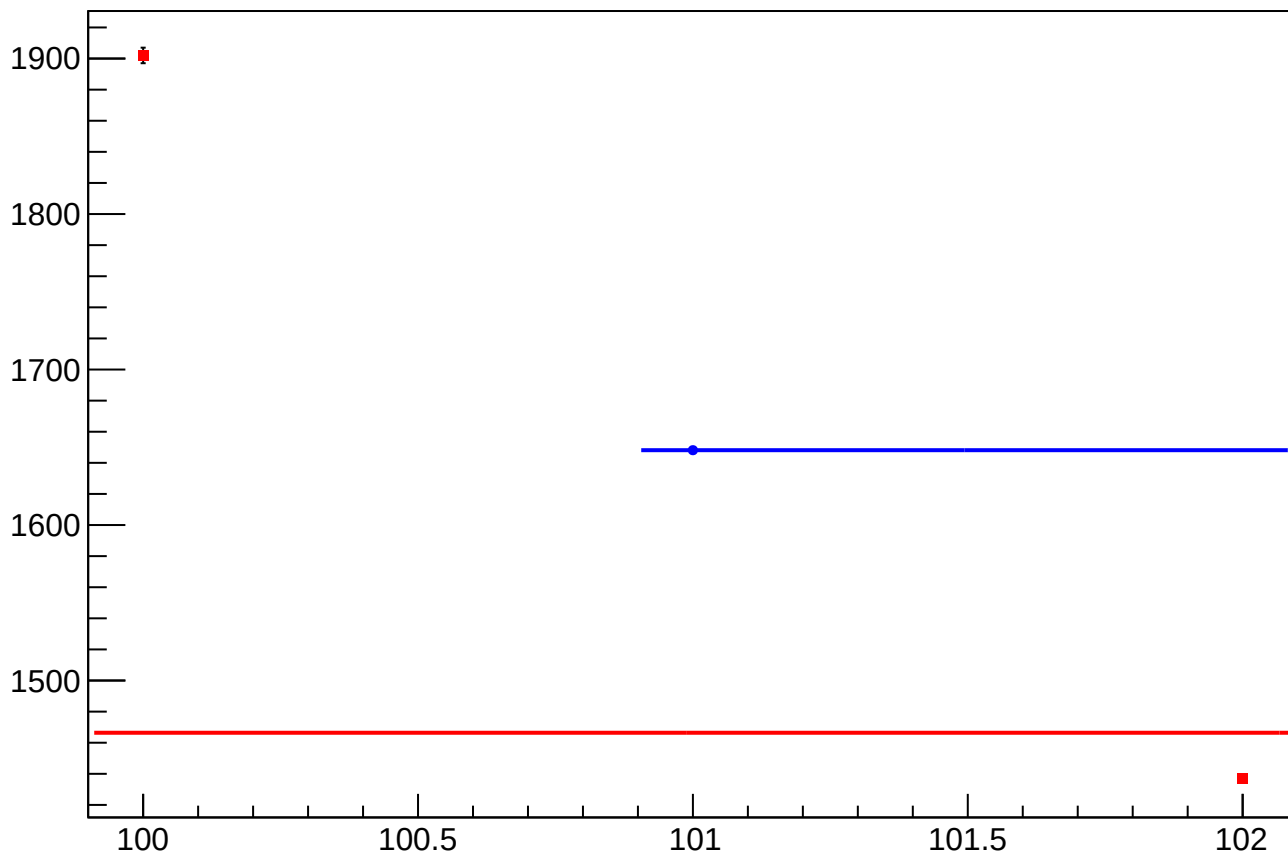
Right: 3274.957+/-1343.071 χ^2/NDF : 0.0/2

In: 3481.126+/-2042.111 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3274.957+/-1343.071 χ^2/NDF : 0.0/2

cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1648.130 ± 1.444 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1466.411 ± 1.261 $\chi^2/\text{NDF}: 8111.0/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

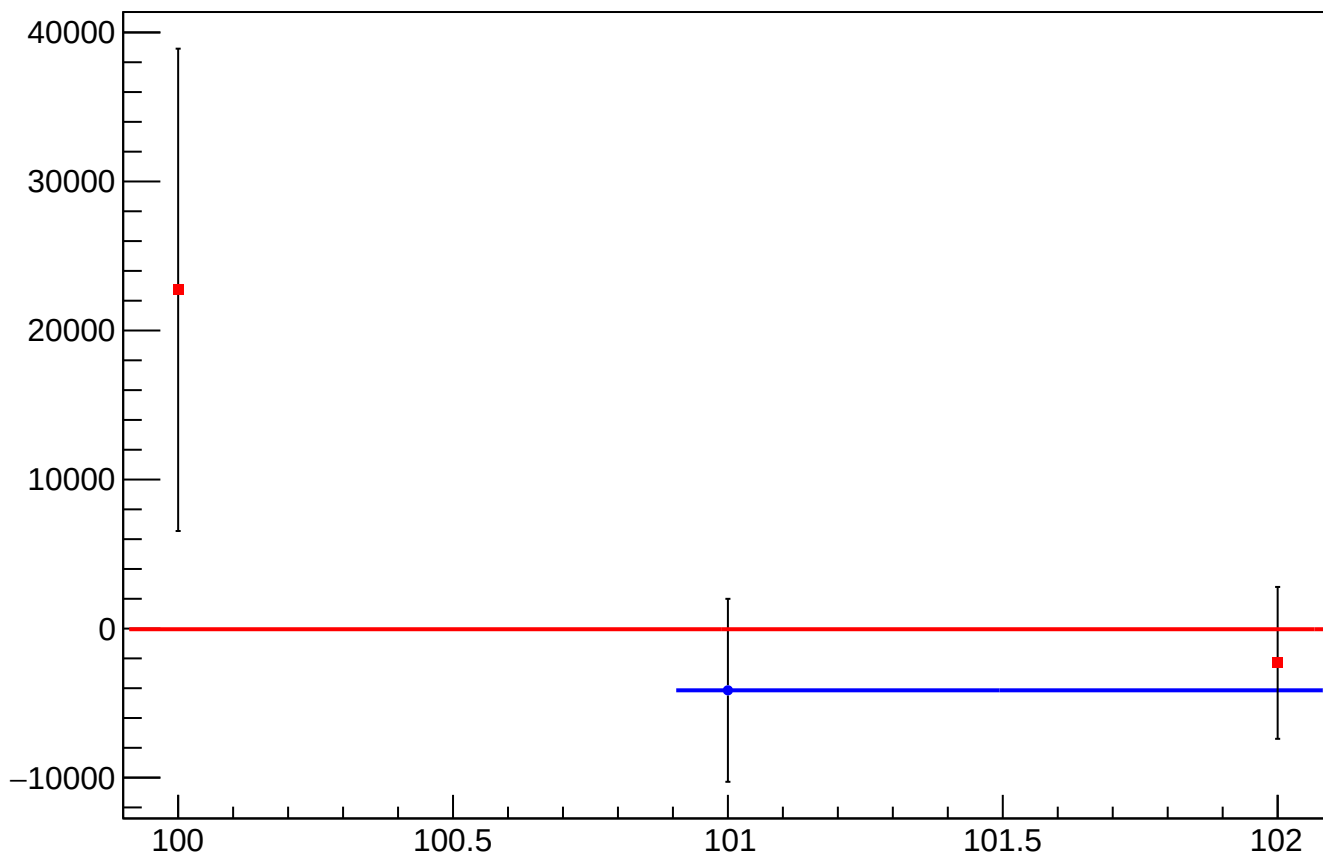
Right: 1545.014 ± 0.950 $\chi^2/\text{NDF}: 17097.7/2$

In: 1648.130 ± 1.444 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 1545.014 ± 0.950 $\chi^2/\text{NDF}: 17097.7/2$

asym_usl_atl2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -4141.856+/-6138.278 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -43.083+/-4860.295 χ^2/NDF : 2.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

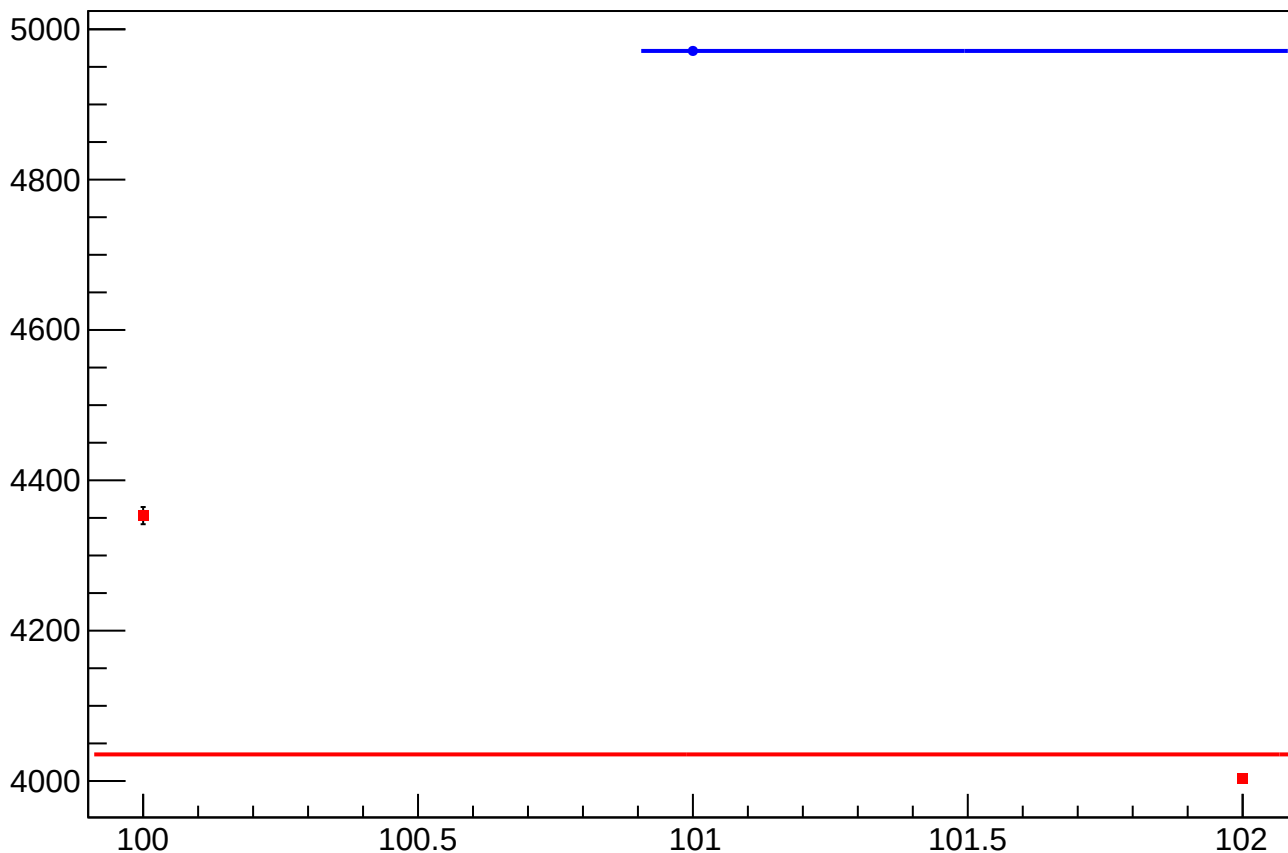
Right: -1622.555+/-3810.445 χ^2/NDF : 2.5/2

In: -4141.856+/-6138.278 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1622.555+/-3810.445 χ^2/NDF : 2.5/2

asym_usl_atl2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 4971.198+/-4.340 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4035.381+/-3.437 χ^2/NDF : 847.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

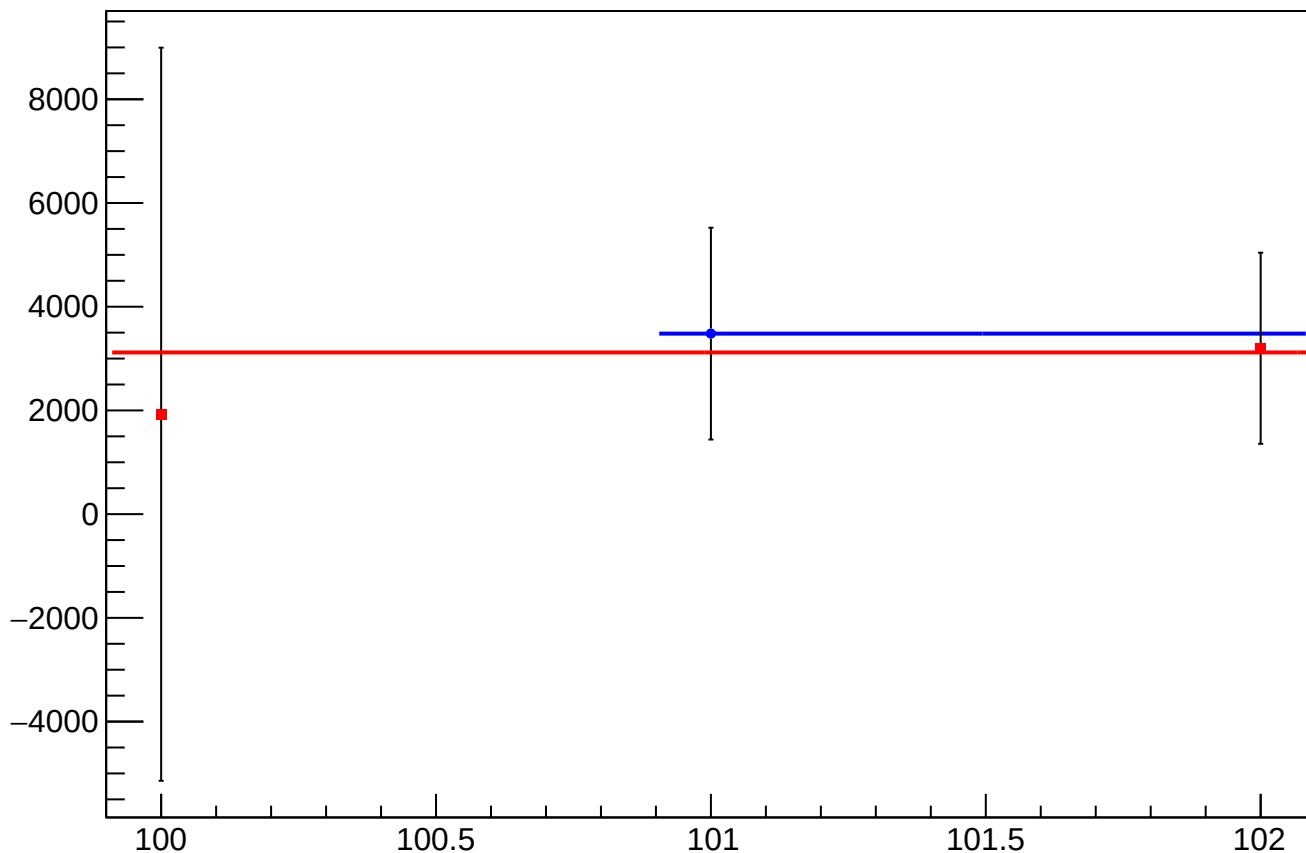
Right: 4396.000+/-2.694 χ^2/NDF : 29419.6/2

In: 4971.198+/-4.340 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4396.000+/-2.694 χ^2/NDF : 29419.6/2

eigen_cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 3481.126+/-2042.111 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3117.799+/-1782.939 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

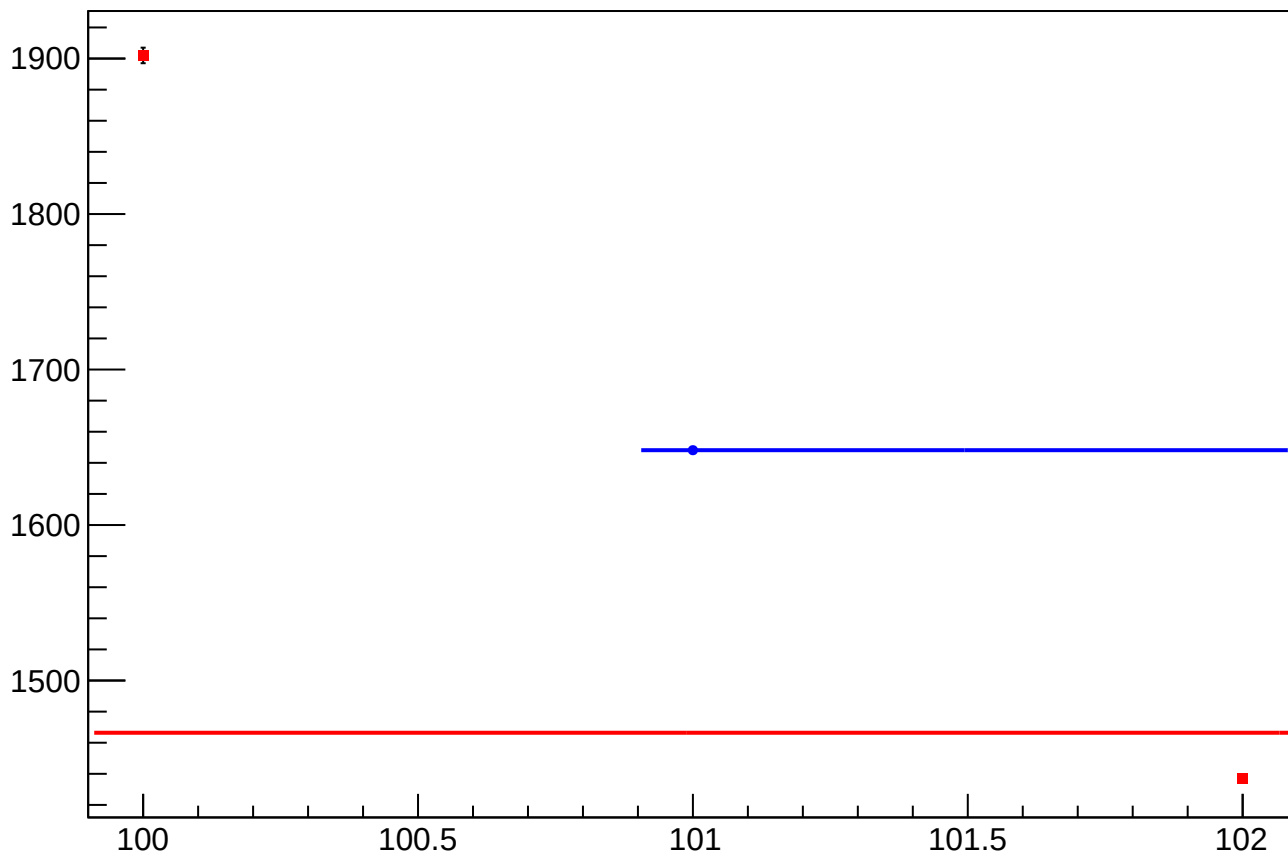
Right: 3274.957+/-1343.071 χ^2/NDF : 0.0/2

In: 3481.126+/-2042.111 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3274.957+/-1343.071 χ^2/NDF : 0.0/2

eigen_cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1648.130+/-1.444 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1466.411+/-1.261 χ^2/NDF : 8111.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

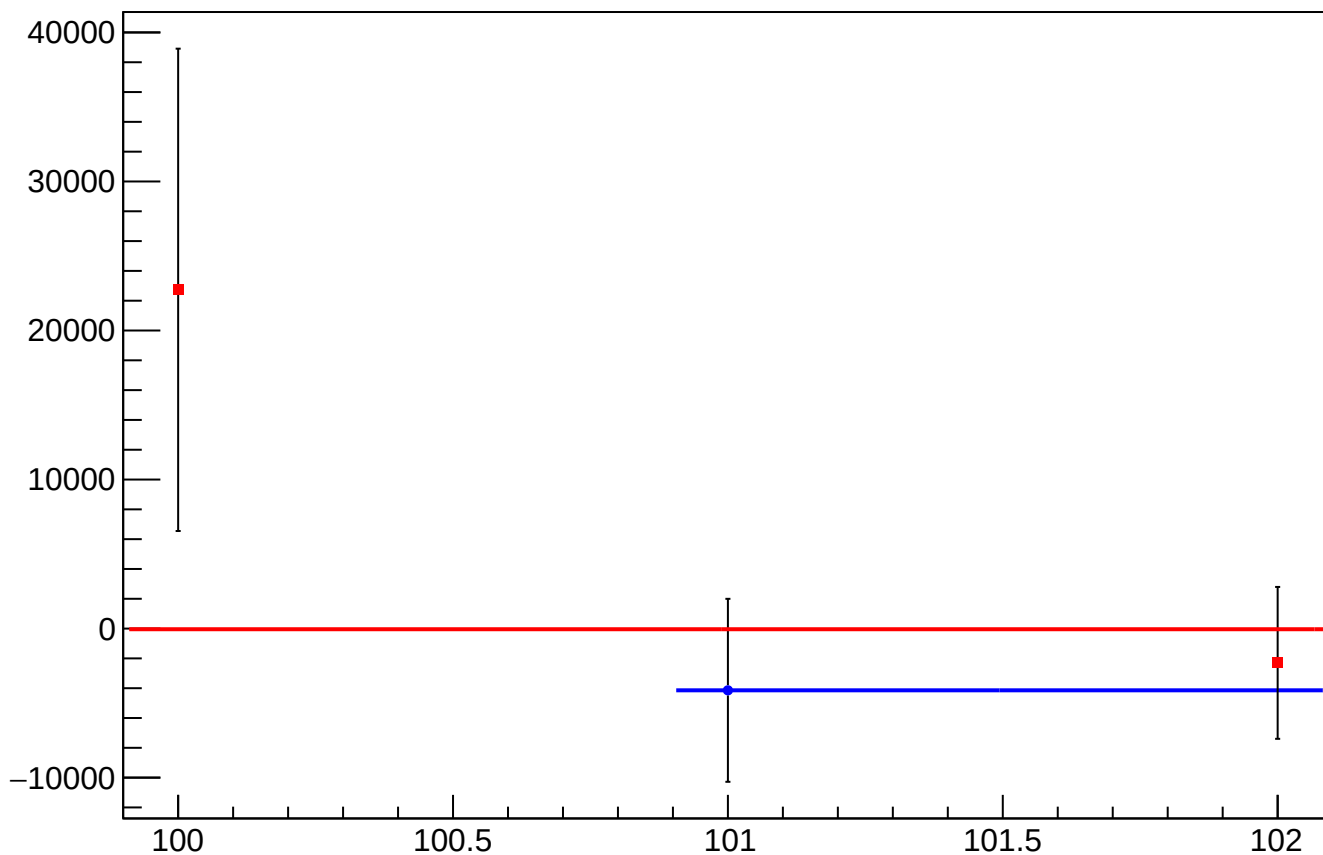
Right: 1545.014+/-0.950 χ^2/NDF : 17097.7/2

In: 1648.130+/-1.444 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1545.014+/-0.950 χ^2/NDF : 17097.7/2

asym_usl_atl2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -4141.856+/-6138.278 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -43.083+/-4860.295 χ^2/NDF : 2.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

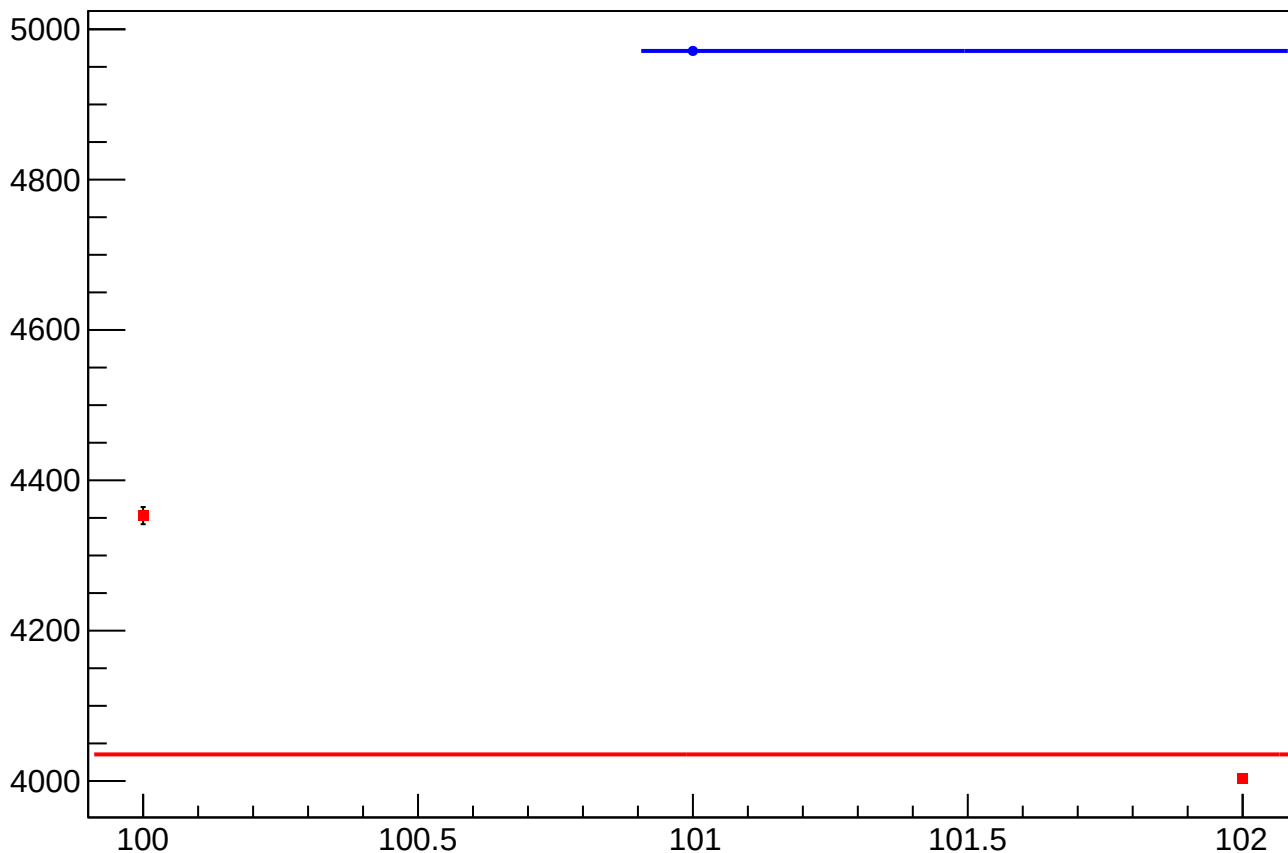
Right: -1622.555+/-3810.445 χ^2/NDF : 2.5/2

In: -4141.856+/-6138.278 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1622.555+/-3810.445 χ^2/NDF : 2.5/2

asym_usl_atl2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4971.198 $\pm$ 4.340 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4035.381 $\pm$ 3.437 χ^2 /NDF: 847.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

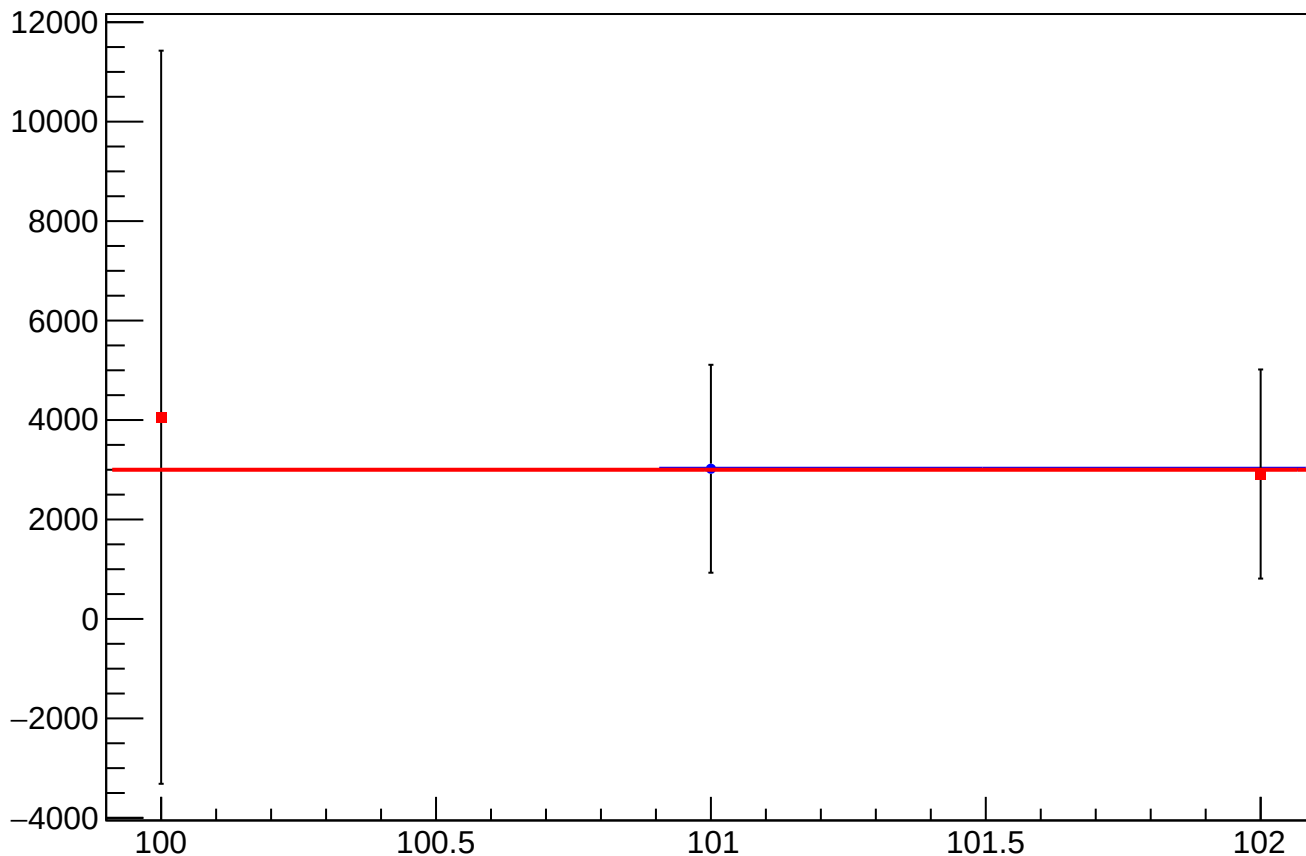
Right: 4396.000 $\pm$ 2.694 χ^2 /NDF: 29419.6/2

In: 4971.198 $\pm$ 4.340 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4396.000 $\pm$ 2.694 χ^2 /NDF: 29419.6/2

dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 3020.074+/-2090.501 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3000.053+/-2021.846 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

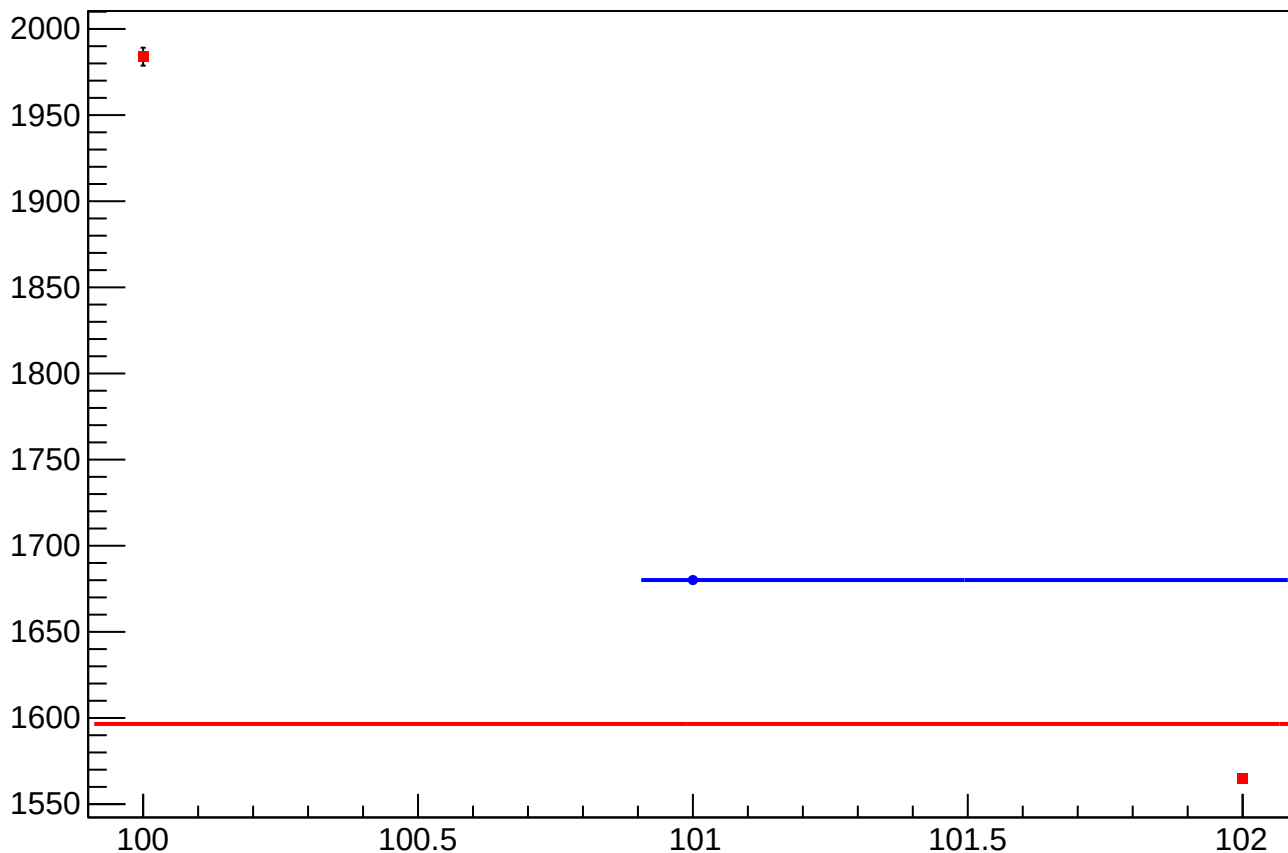
Right: 3009.729+/-1453.327 χ^2/NDF : 0.0/2

In: 3020.074+/-2090.501 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3009.729+/-1453.327 χ^2/NDF : 0.0/2

dit_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1680.089+/-1.478 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1596.548+/-1.430 χ^2/NDF : 5973.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

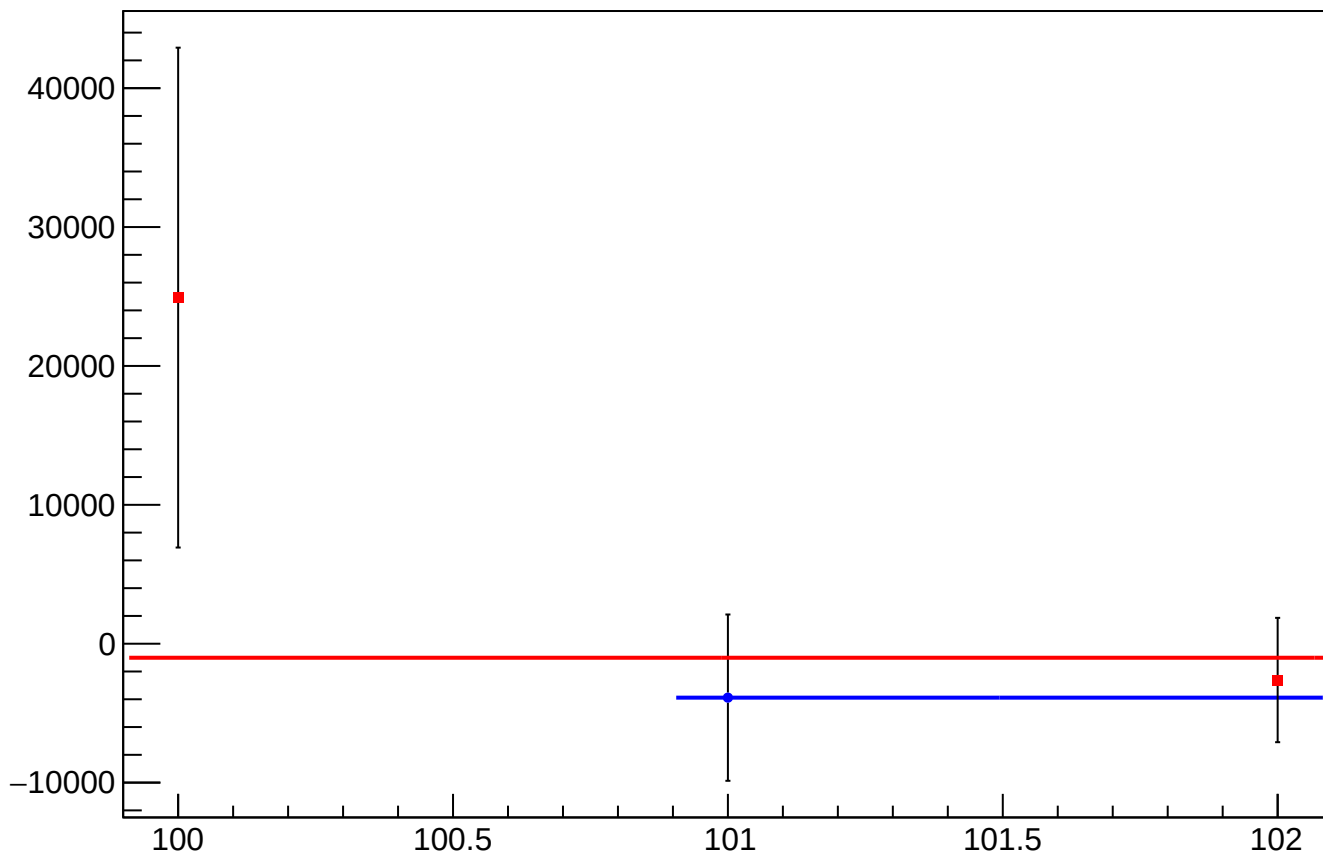
Right: 1636.924+/-1.028 χ^2/NDF : 7623.7/2

In: 1680.089+/-1.478 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1636.924+/-1.028 χ^2/NDF : 7623.7/2

asym_usl_atl2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -3883.111+/-5986.775 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1009.860+/-4343.858 χ^2/NDF : 2.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

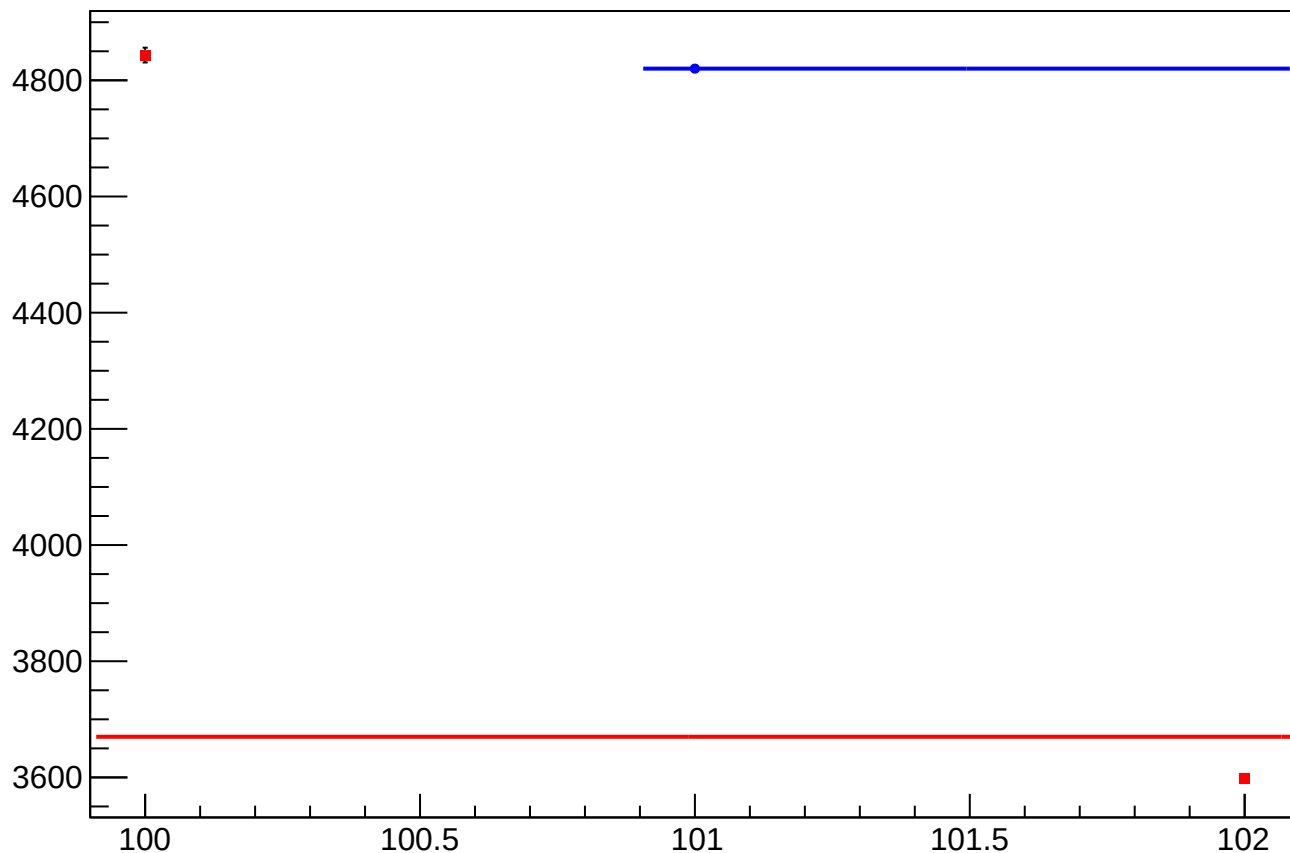
Right: -2000.814+/-3515.871 χ^2/NDF : 2.4/2

In: -3883.111+/-5986.775 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2000.814+/-3515.871 χ^2/NDF : 2.4/2

asym_usl_atl2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4820.108 $\pm$ 4.233 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3669.962 $\pm$ 3.072 χ^2 /NDF: 9031.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

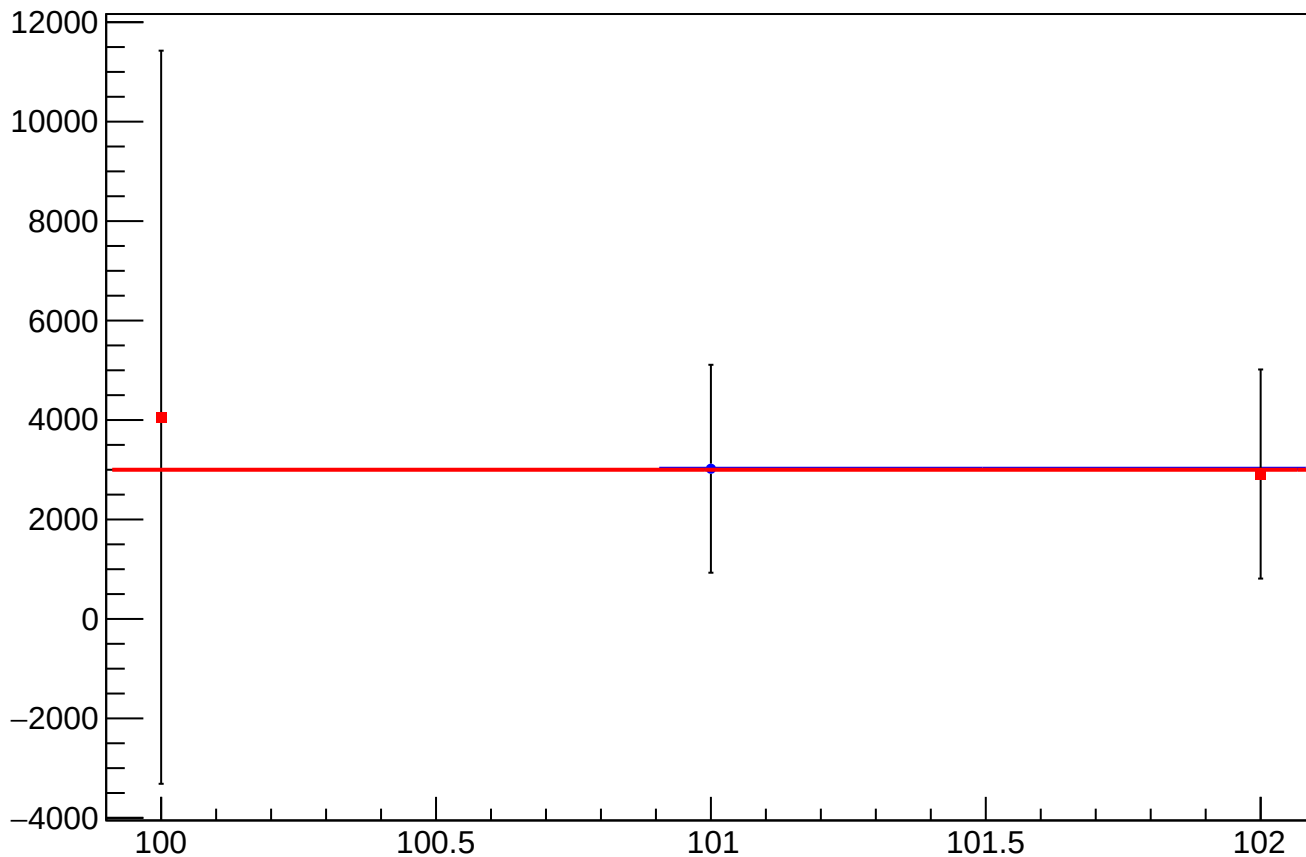
Right: 4066.635 $\pm$ 2.486 χ^2 /NDF: 57388.9/2

In: 4820.108 $\pm$ 4.233 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4066.635 $\pm$ 2.486 χ^2 /NDF: 57388.9/2

eigen_dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 3020.072+/-2090.501 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3000.064+/-2021.846 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

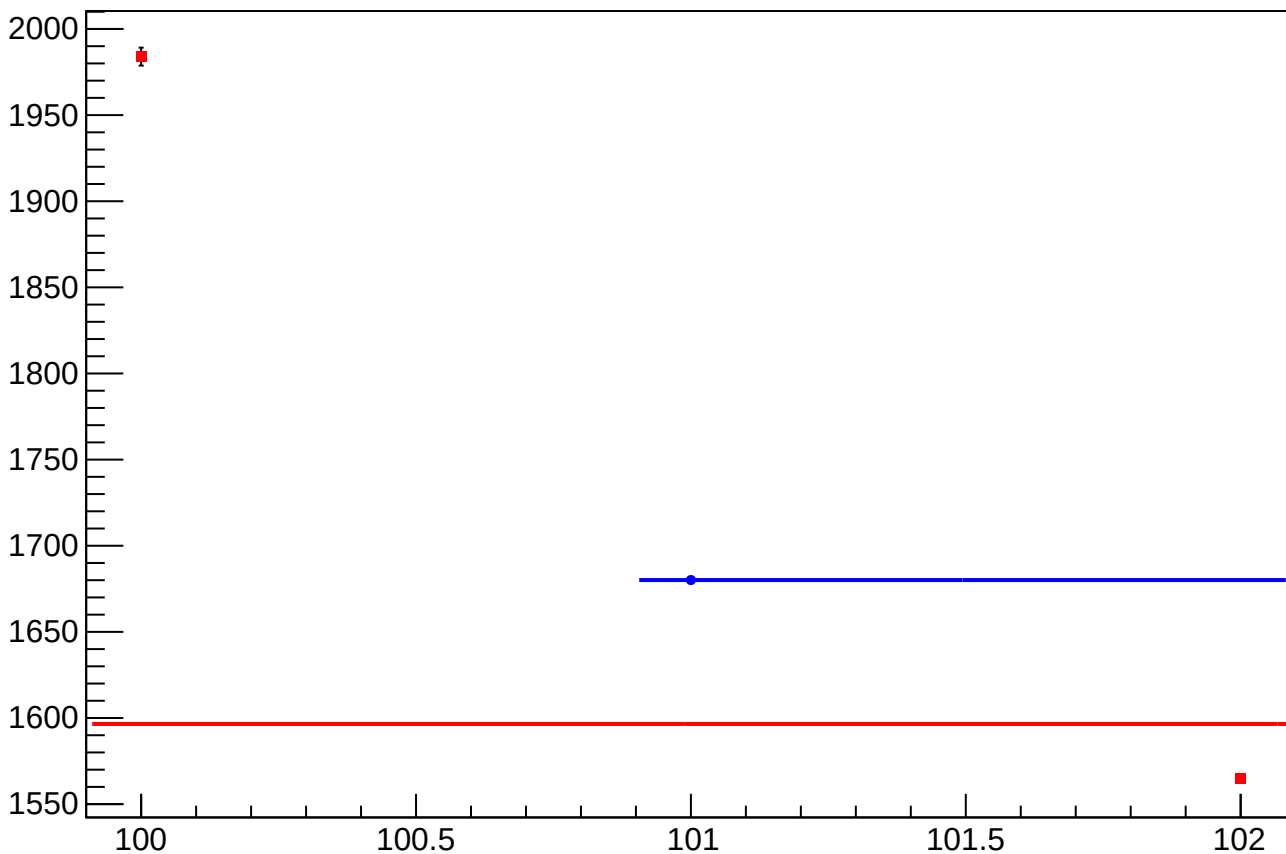
Right: 3009.734+/-1453.326 χ^2/NDF : 0.0/2

In: 3020.072+/-2090.501 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3009.734+/-1453.326 χ^2/NDF : 0.0/2

eigen_dit_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1680.089+/-1.478 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1596.548+/-1.430 χ^2/NDF : 5973.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

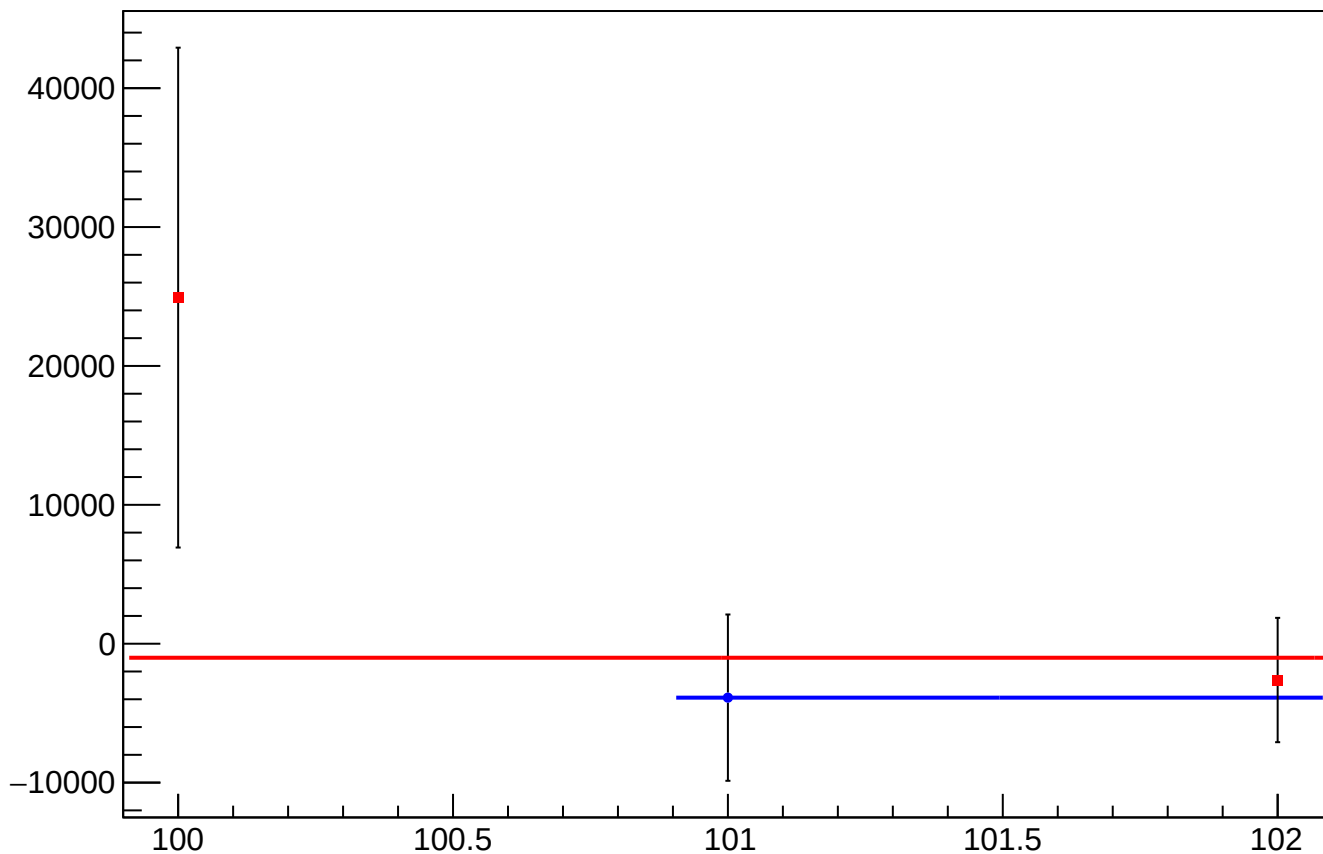
Right: 1636.924+/-1.028 χ^2/NDF : 7623.6/2

In: 1680.089+/-1.478 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1636.924+/-1.028 χ^2/NDF : 7623.6/2

asym_usl_atl2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -3883.111+/-5986.766 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1009.858+/-4343.857 χ^2/NDF : 2.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

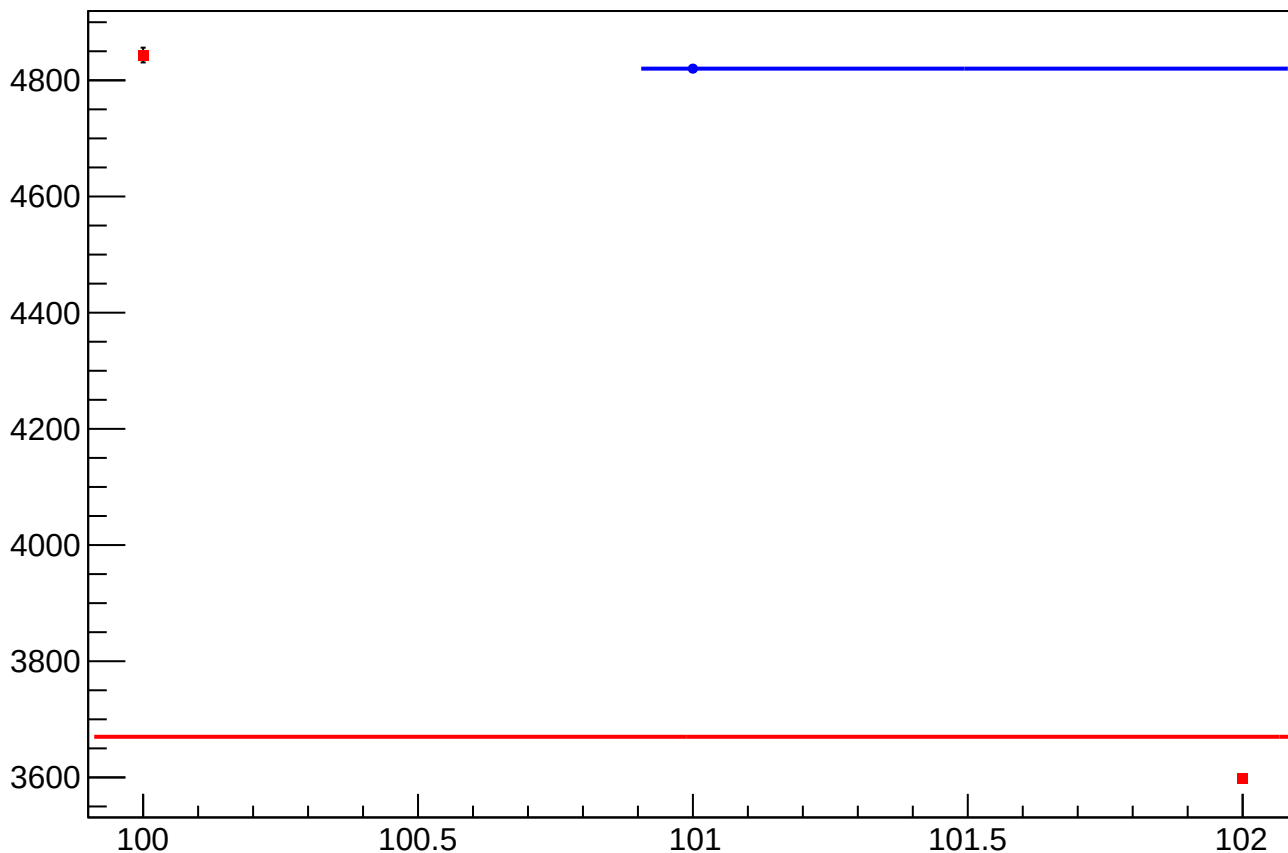
Right: -2000.814+/-3515.868 χ^2/NDF : 2.4/2

In: -3883.111+/-5986.766 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2000.814+/-3515.868 χ^2/NDF : 2.4/2

asym_usl_atl2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4820.101 $\pm$ 4.233 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3669.961 $\pm$ 3.072 χ^2 /NDF: 9031.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

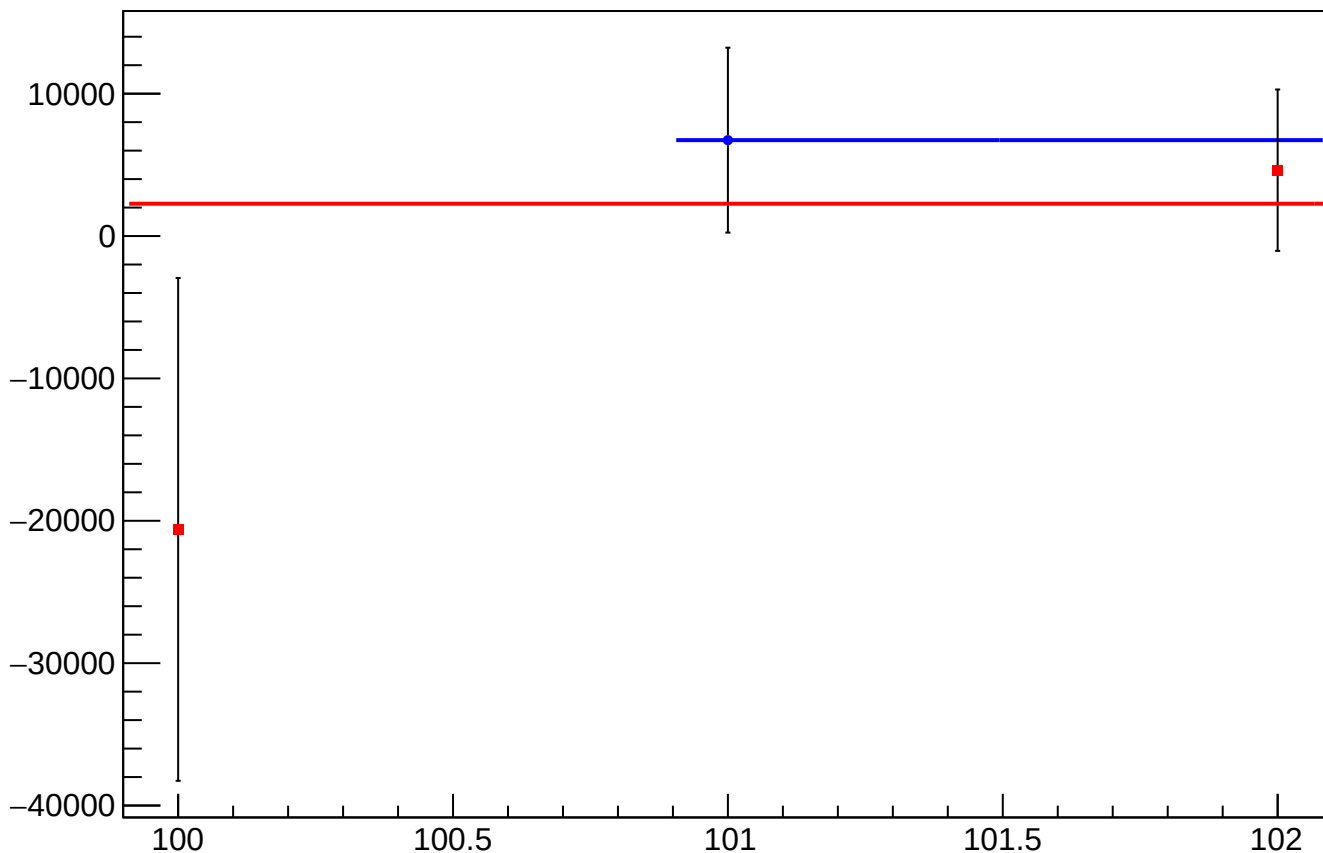
Right: 4066.632 $\pm$ 2.486 χ^2 /NDF: 57388.5/2

In: 4820.101 $\pm$ 4.233 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4066.632 $\pm$ 2.486 χ^2 /NDF: 57388.5/2

asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 6736.503+/-6494.839 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2271.139+/-5395.842 χ^2/NDF : 1.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

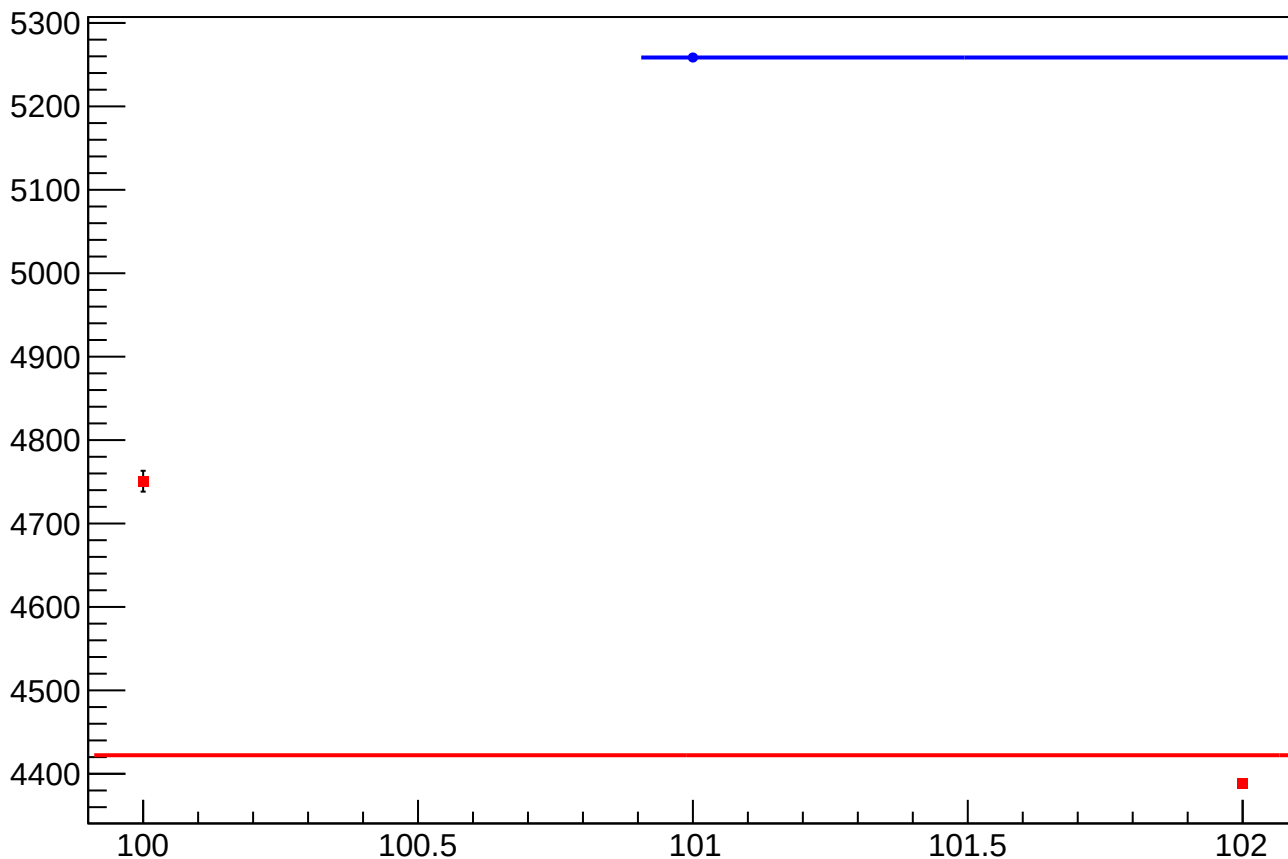
Right: 4094.605+/-4150.389 χ^2/NDF : 2.1/2

In: 6736.503+/-6494.839 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4094.605+/-4150.389 χ^2/NDF : 2.1/2

asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 5258.602 $\pm$ 4.593 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4422.247 $\pm$ 3.815 χ^2 /NDF: 763.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

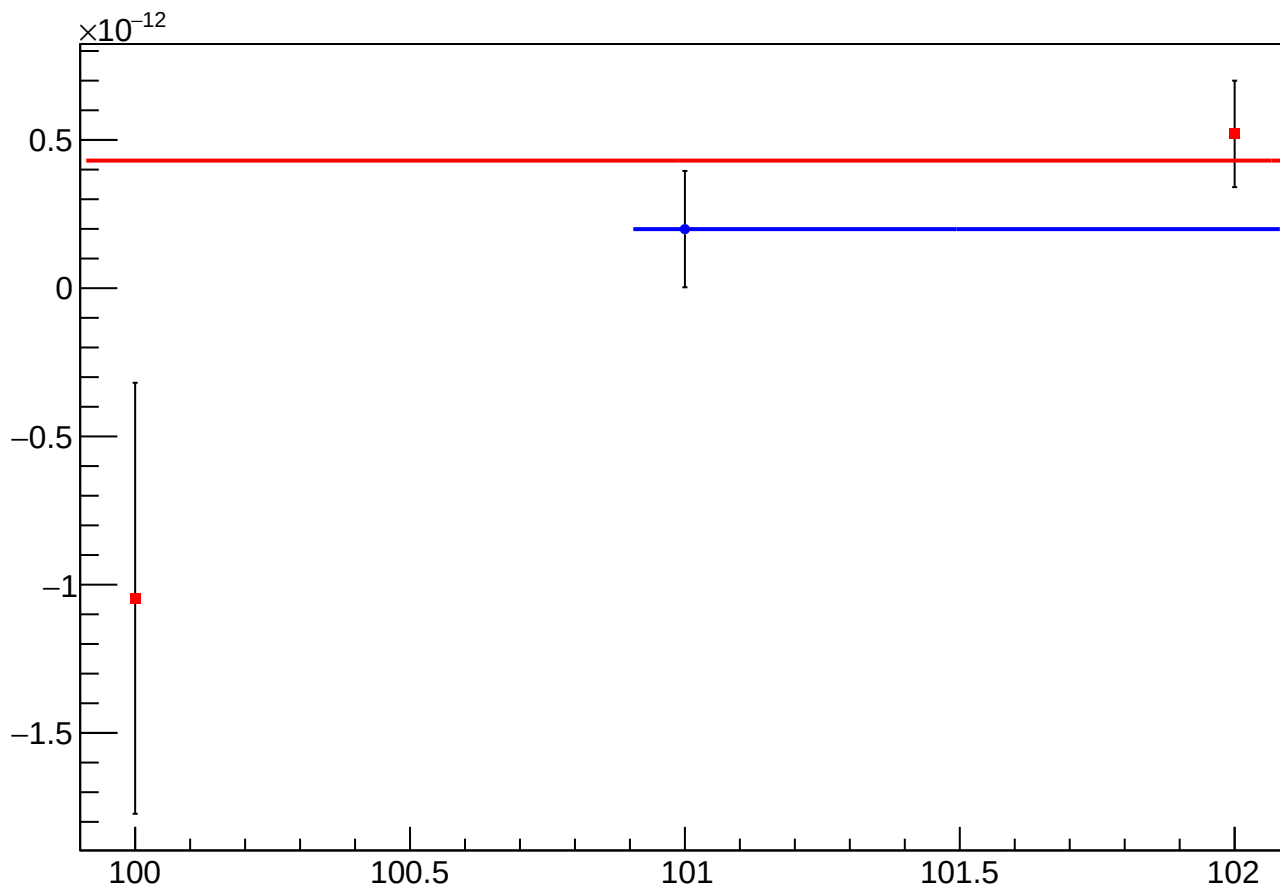
Right: 4763.774 $\pm$ 2.935 χ^2 /NDF: 20385.0/2

In: 5258.602 $\pm$ 4.593 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4763.774 $\pm$ 2.935 χ^2 /NDF: 20385.0/2

asym_usl_atl2_avg_reg_vs_cor_diff_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 : 4.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

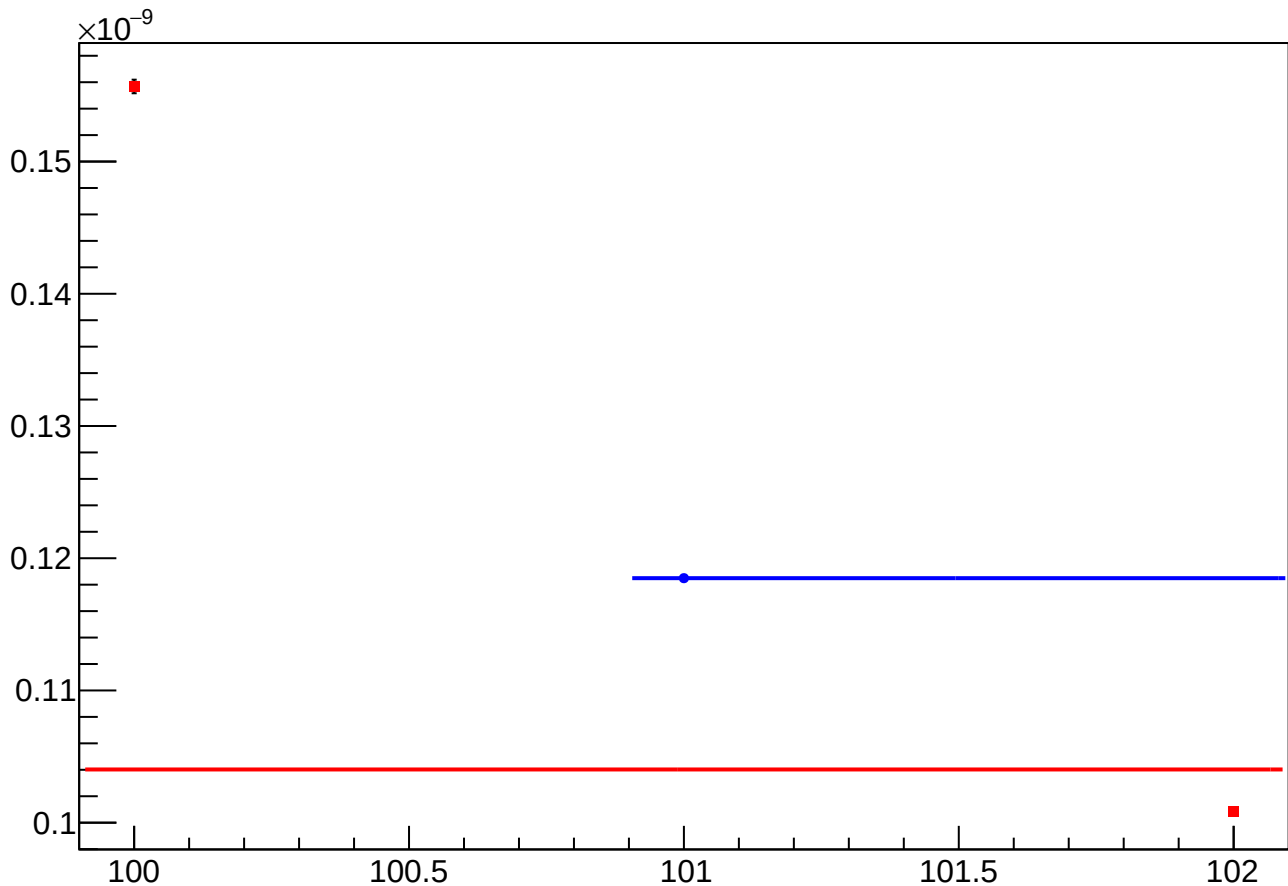
Right: 0.000+/-0.000 χ^2/NDF : 5.2/2

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 : 5.2/2

asym_usl_atl2_avg_reg_vs_cor_diff_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 : 10714.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

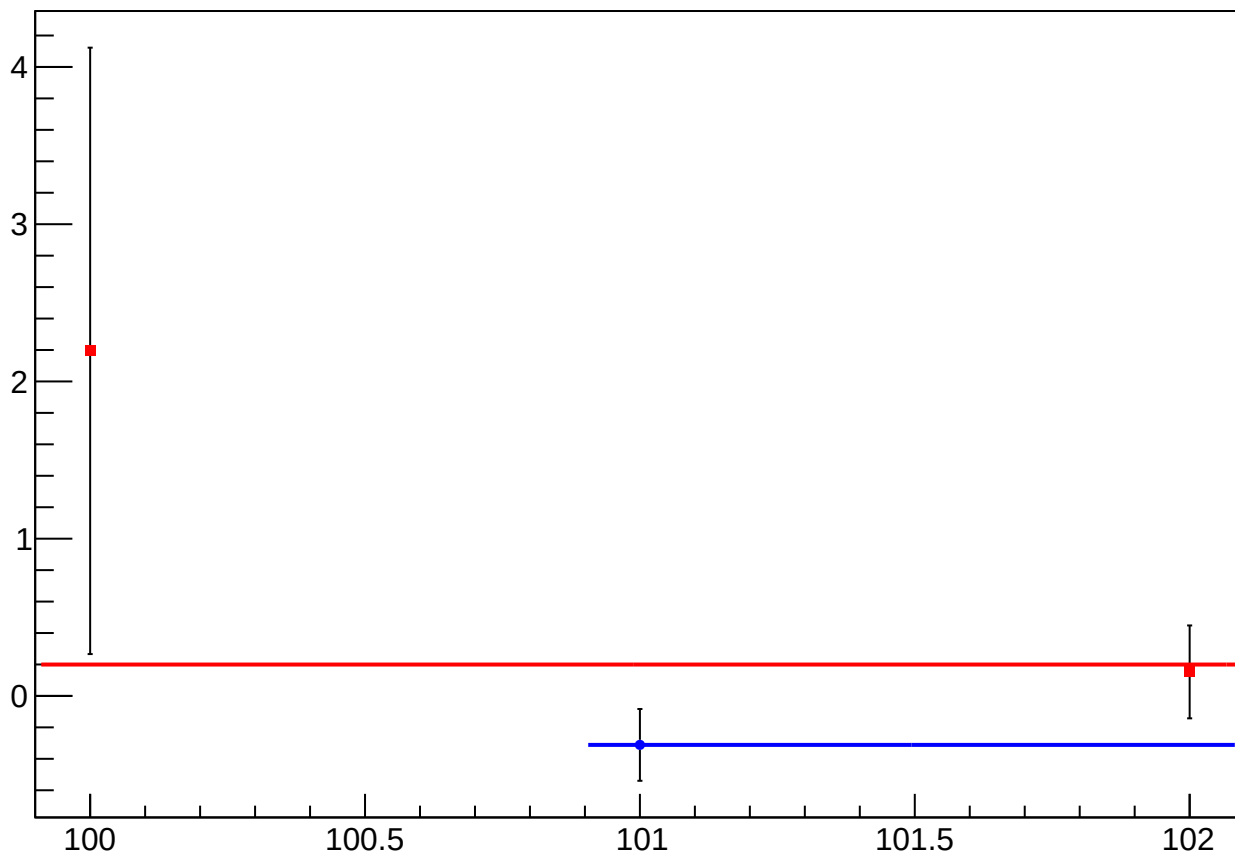
Right: 0.000+/-0.000 χ^2/NDF : 16793.5/2

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 : 16793.5/2

asym_usl_atl2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.311+/-0.228 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.200+/-0.292 χ^2/NDF : 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

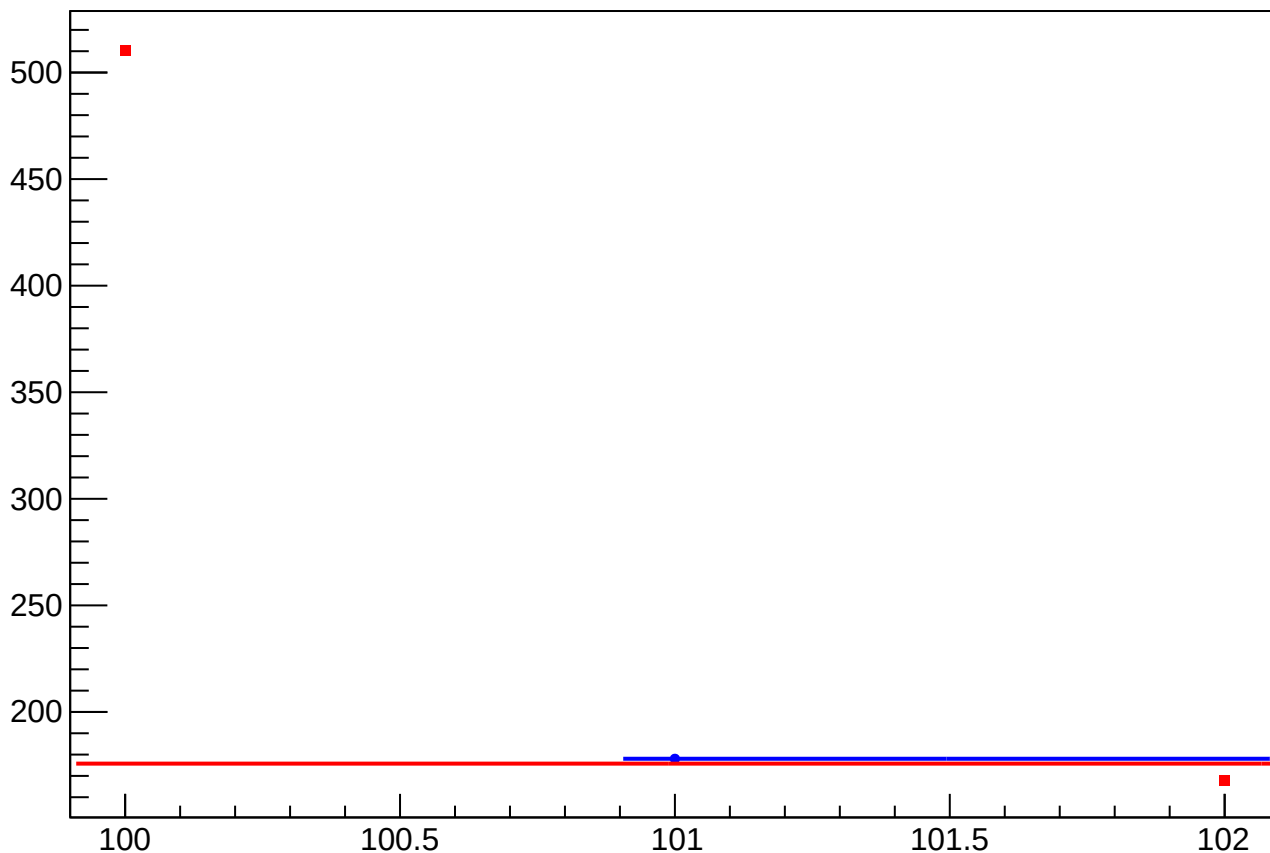
Right: -0.118+/-0.180 χ^2/NDF : 3.0/2

In: -0.311+/-0.228 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.118+/-0.180 χ^2/NDF : 3.0/2

asym_usl_atl2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 178.043+/-0.161 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 175.761+/-0.206 χ^2/NDF : 61610.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

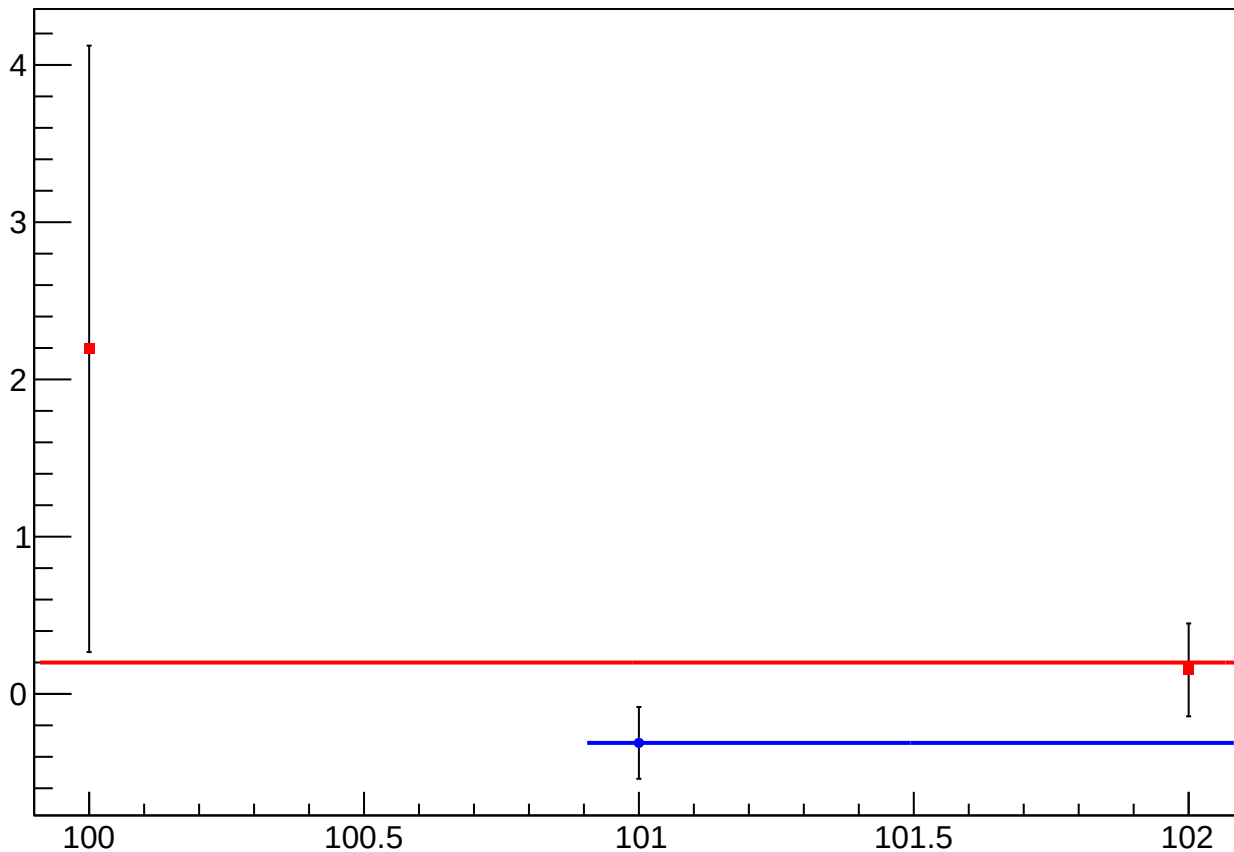
Right: 177.177+/-0.127 χ^2/NDF : 61686.2/2

In: 178.043+/-0.161 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.177+/-0.127 χ^2/NDF : 61686.2/2

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.311+/-0.228 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.200+/-0.292 χ^2/NDF : 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

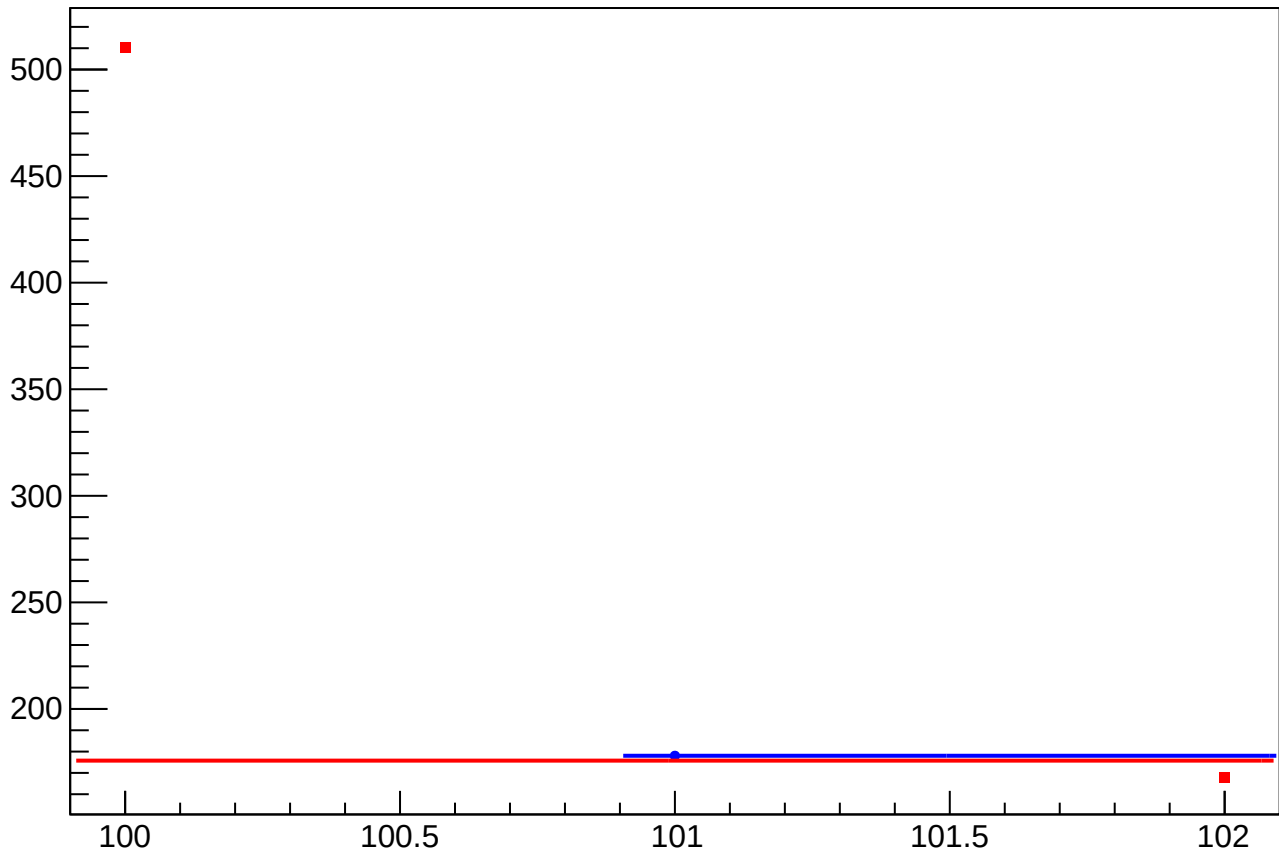
Right: -0.118+/-0.180 χ^2/NDF : 3.0/2

In: -0.311+/-0.228 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.118+/-0.180 χ^2/NDF : 3.0/2

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 178.043 $\pm$ 0.161 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 175.761 $\pm$ 0.206 χ^2 /NDF: 61610.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

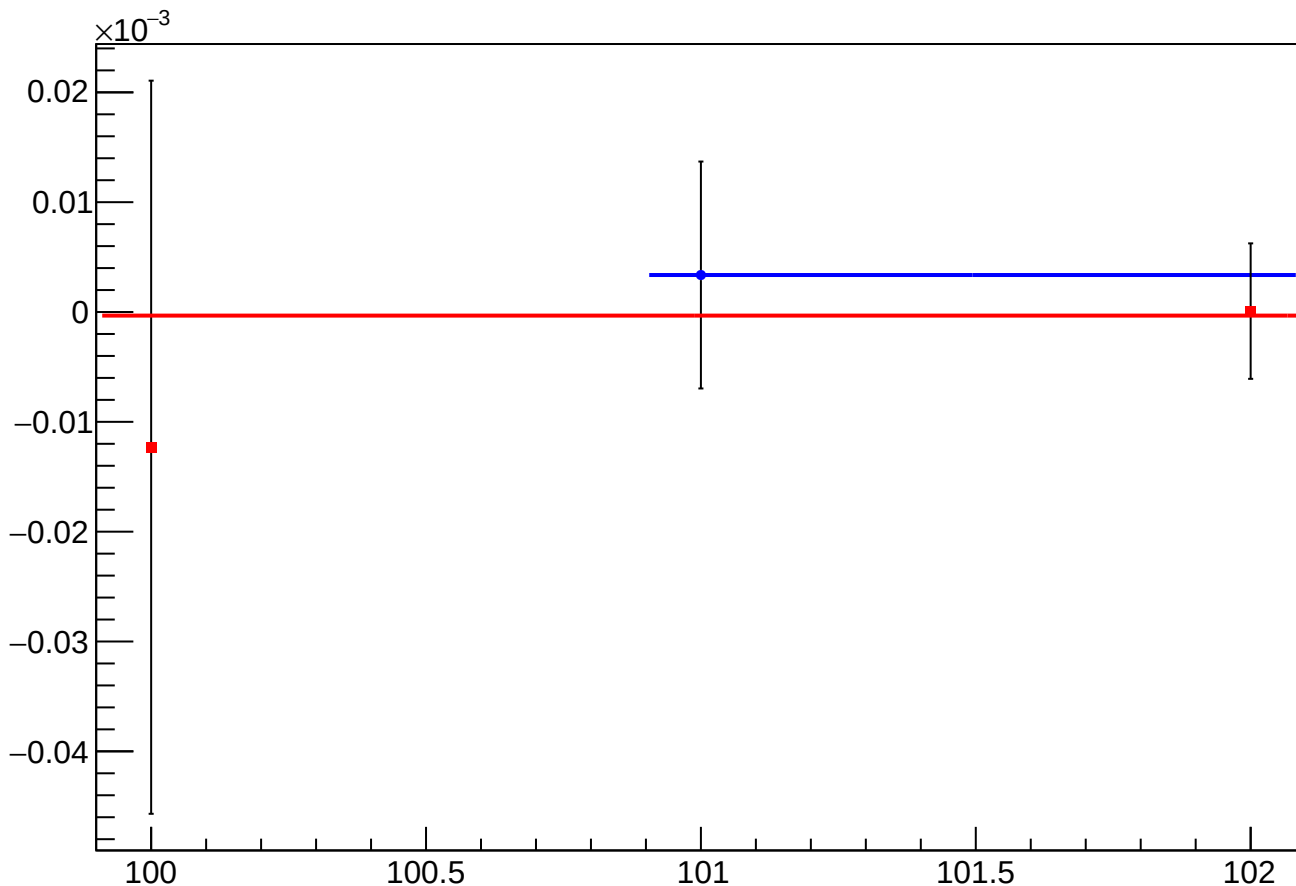
Right: 177.177 $\pm$ 0.127 χ^2 /NDF: 61686.2/2

In: 178.043 $\pm$ 0.161 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 177.177 $\pm$ 0.127 χ^2 /NDF: 61686.2/2

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

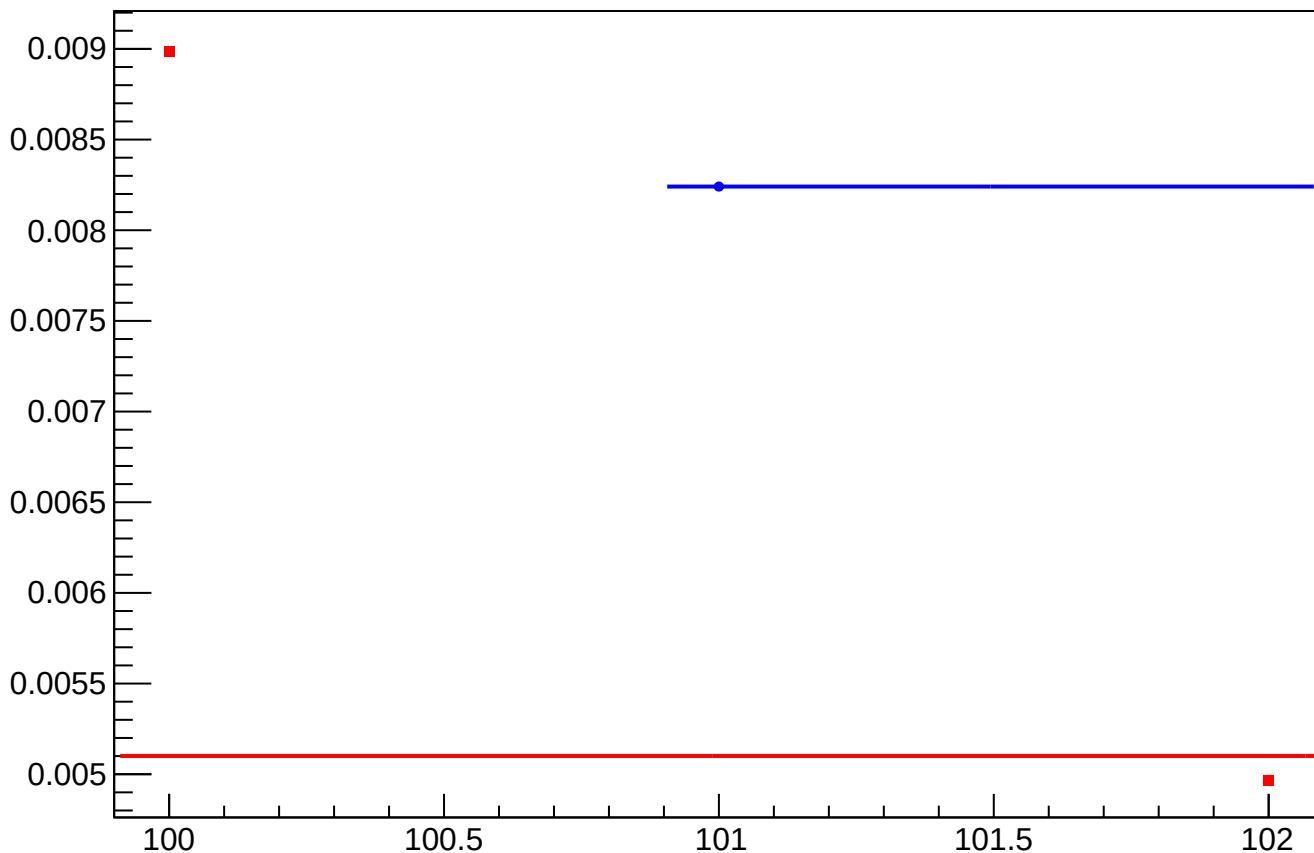
Right: 0.000+/-0.000 χ^2/NDF : 0.2/2

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 : 0.2/2

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.005 $\pm$ 0.000 χ^2 /NDF: 27988.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

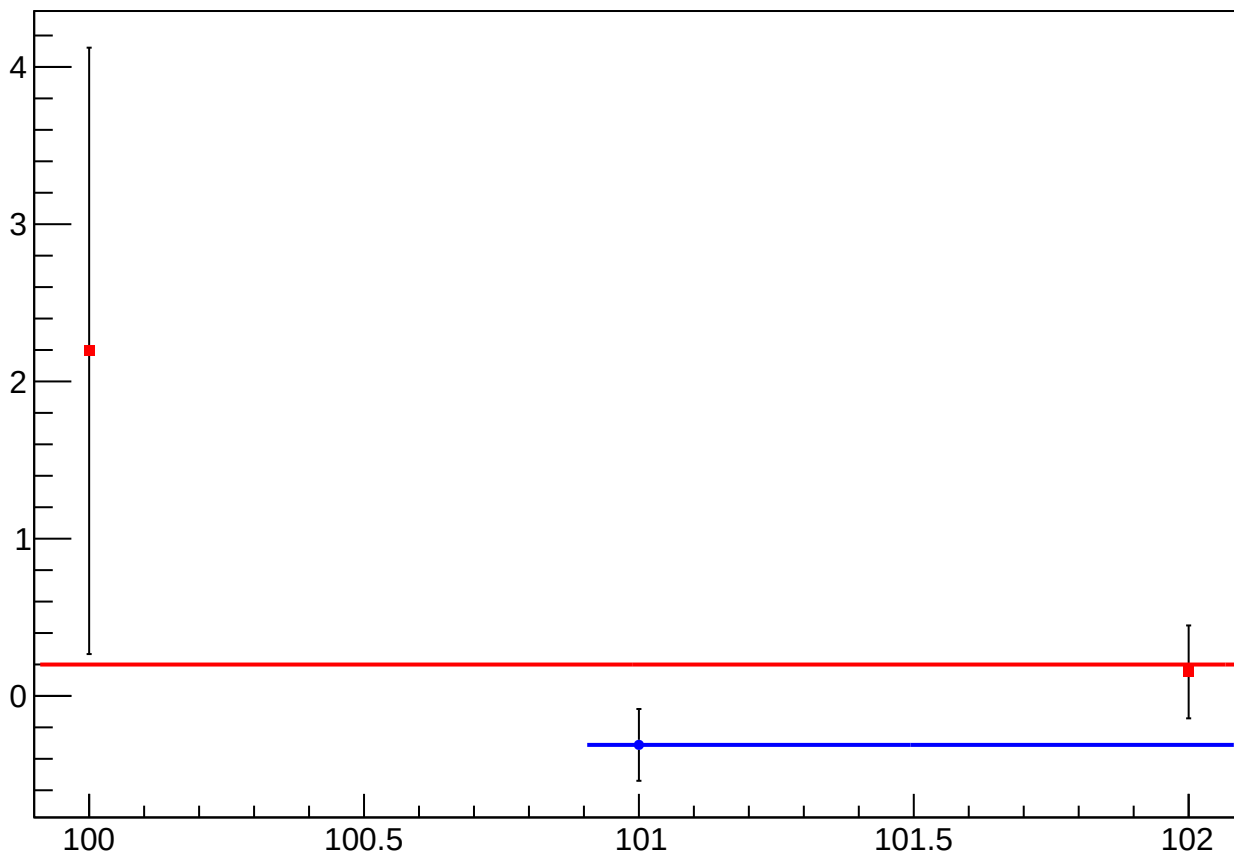
Right: 0.006 $\pm$ 0.000 χ^2 /NDF: 165421.2/2

In: 0.008 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.006 $\pm$ 0.000 χ^2 /NDF: 165421.2/2

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.311+/-0.228 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.200+/-0.292 χ^2/NDF : 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

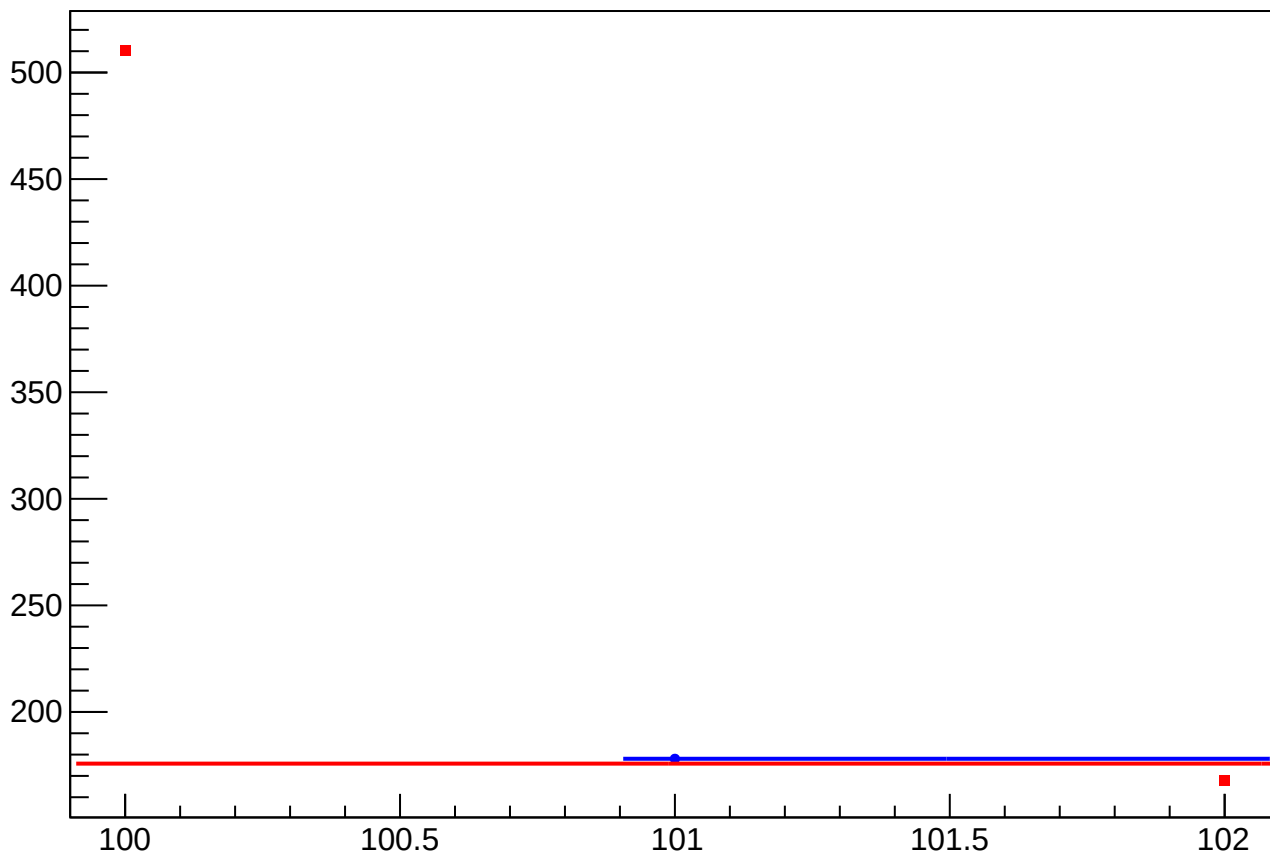
Right: -0.118+/-0.180 χ^2/NDF : 3.0/2

In: -0.311+/-0.228 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.118+/-0.180 χ^2/NDF : 3.0/2

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 178.039 $\pm$ 0.161 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 175.764 $\pm$ 0.206 χ^2 /NDF: 61608.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

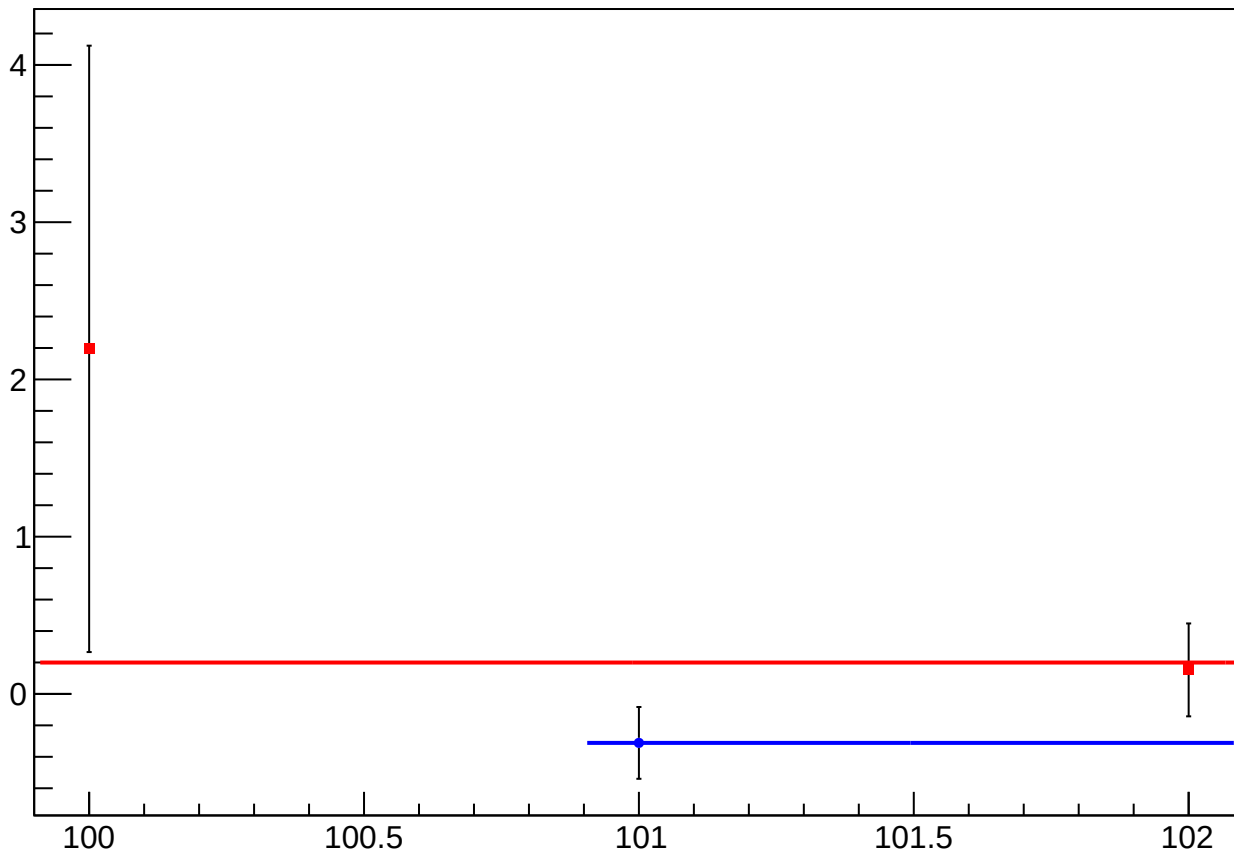
Right: 177.176 $\pm$ 0.127 χ^2 /NDF: 61684.2/2

In: 178.039 $\pm$ 0.161 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 177.176 $\pm$ 0.127 χ^2 /NDF: 61684.2/2

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.311 ± 0.228 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.200 ± 0.292 $\chi^2/\text{NDF}: 1.1/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

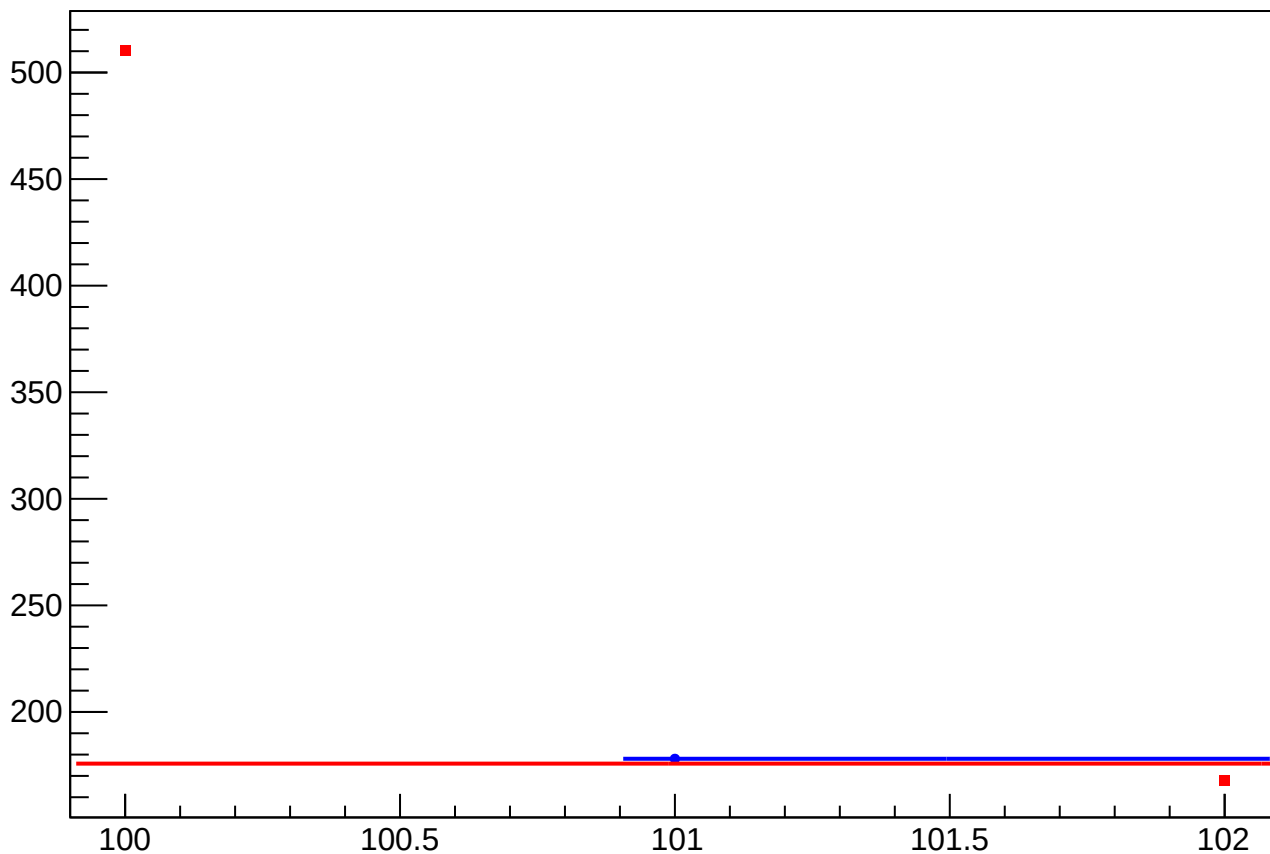
Right: -0.118 ± 0.180 $\chi^2/\text{NDF}: 3.0/2$

In: -0.311 ± 0.228 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.118 ± 0.180 $\chi^2/\text{NDF}: 3.0/2$

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 178.039+/-0.161 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 175.764+/-0.206 χ^2/NDF : 61608.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

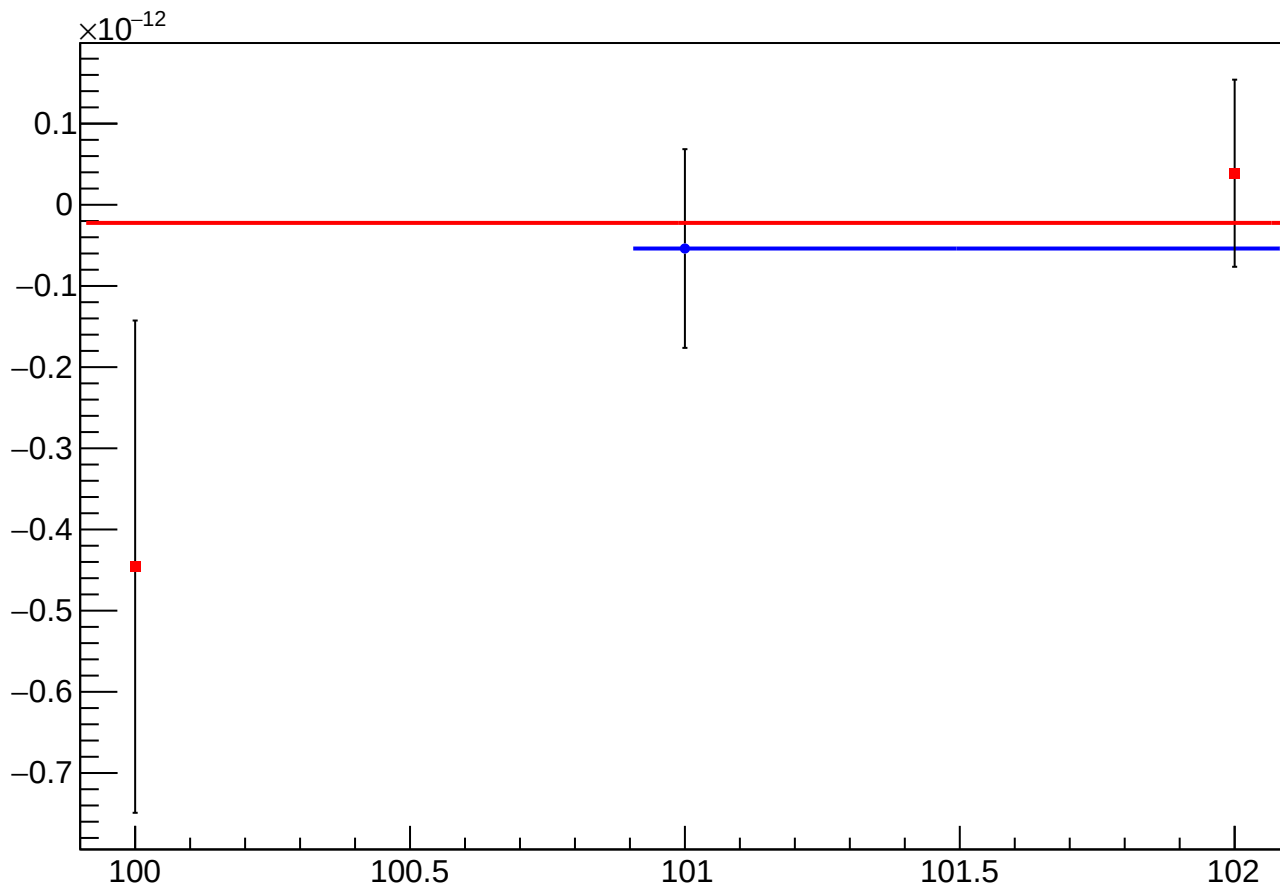
Right: 177.176+/-0.127 χ^2/NDF : 61684.2/2

In: 178.039+/-0.161 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.176+/-0.127 χ^2/NDF : 61684.2/2

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

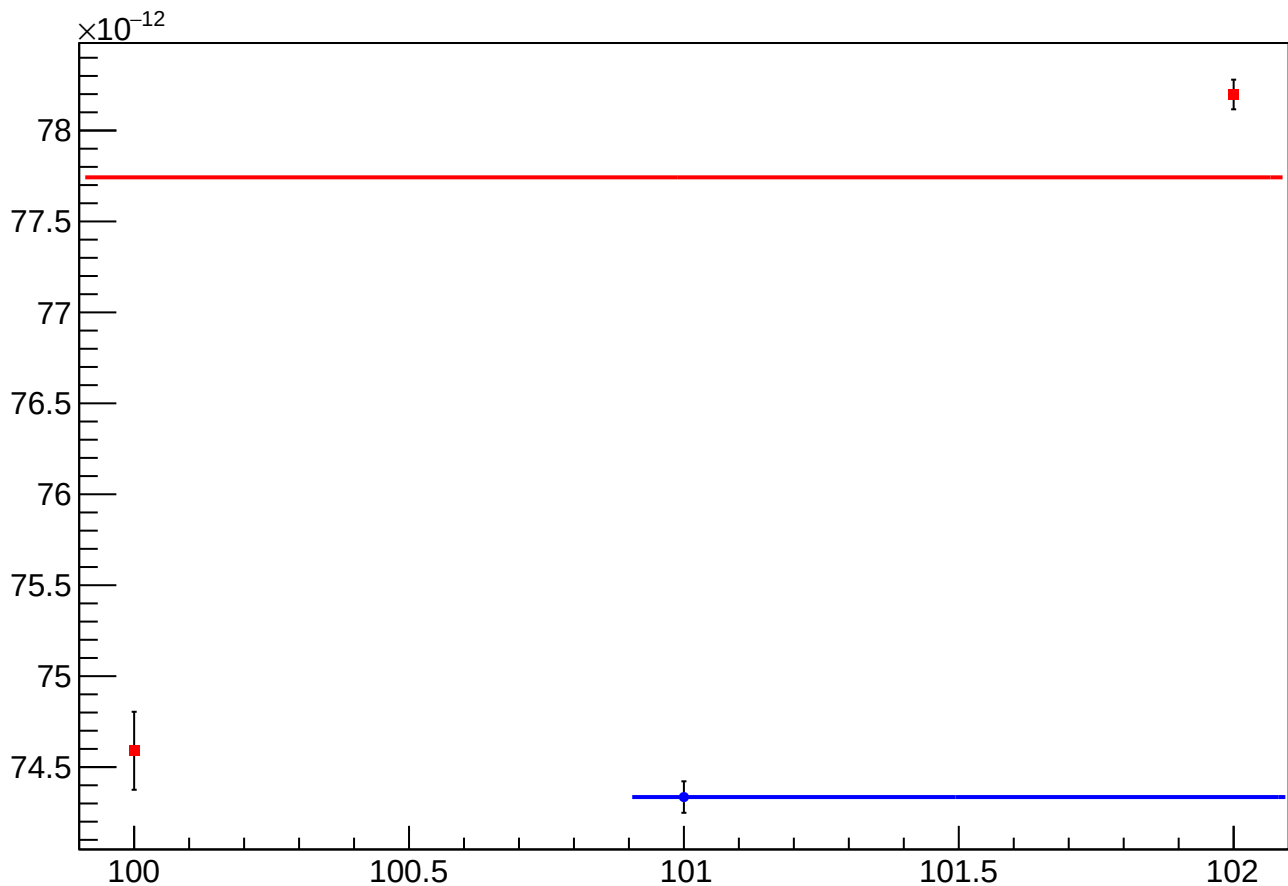
Right: -0.000+/-0.000 χ^2/NDF : 2.3/2

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 : 2.3/2

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_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 : 247.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

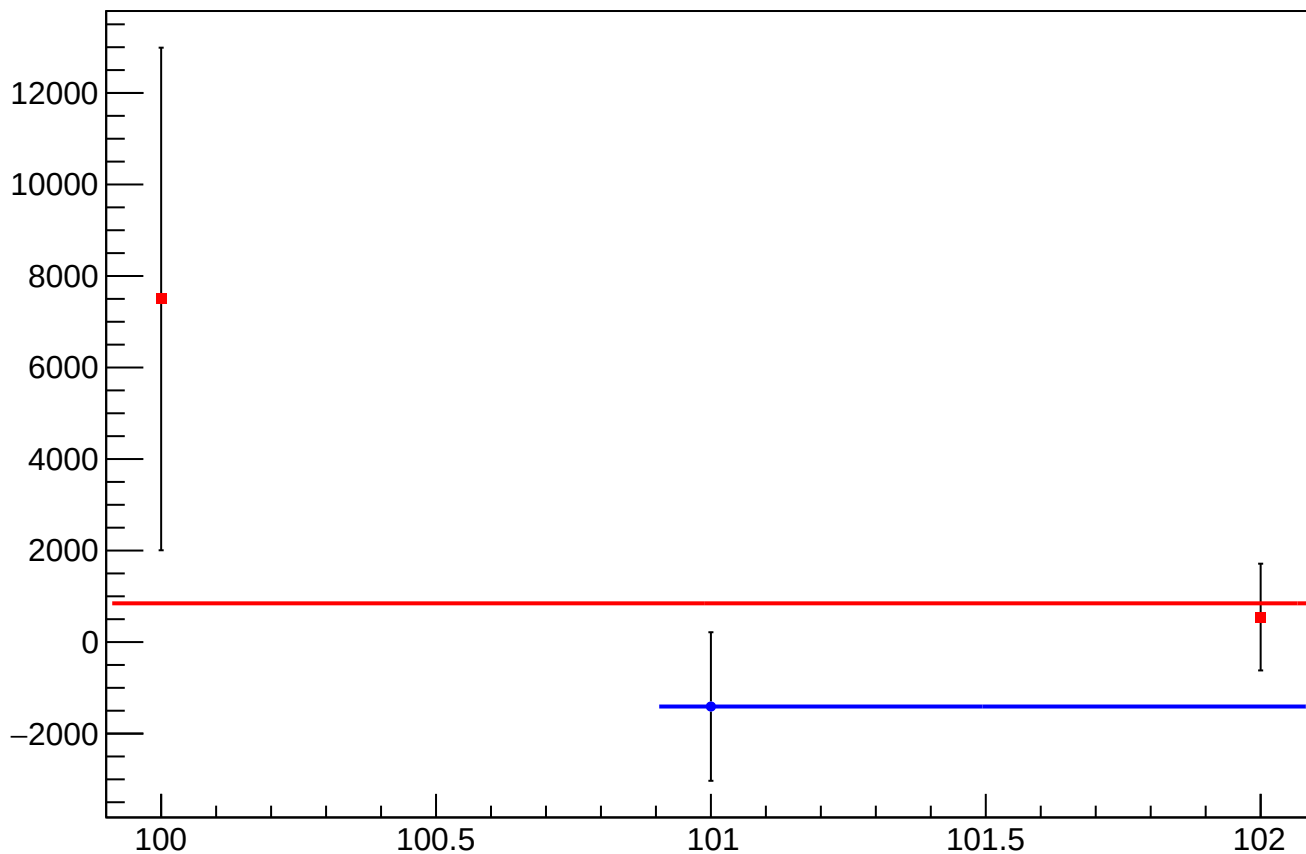
Right: 0.000+/-0.000 χ^2/NDF : 1120.6/2

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 : 1120.6/2

reg_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -1408.292+/-1623.290 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 846.671+/-1140.826 χ^2/NDF : 1.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

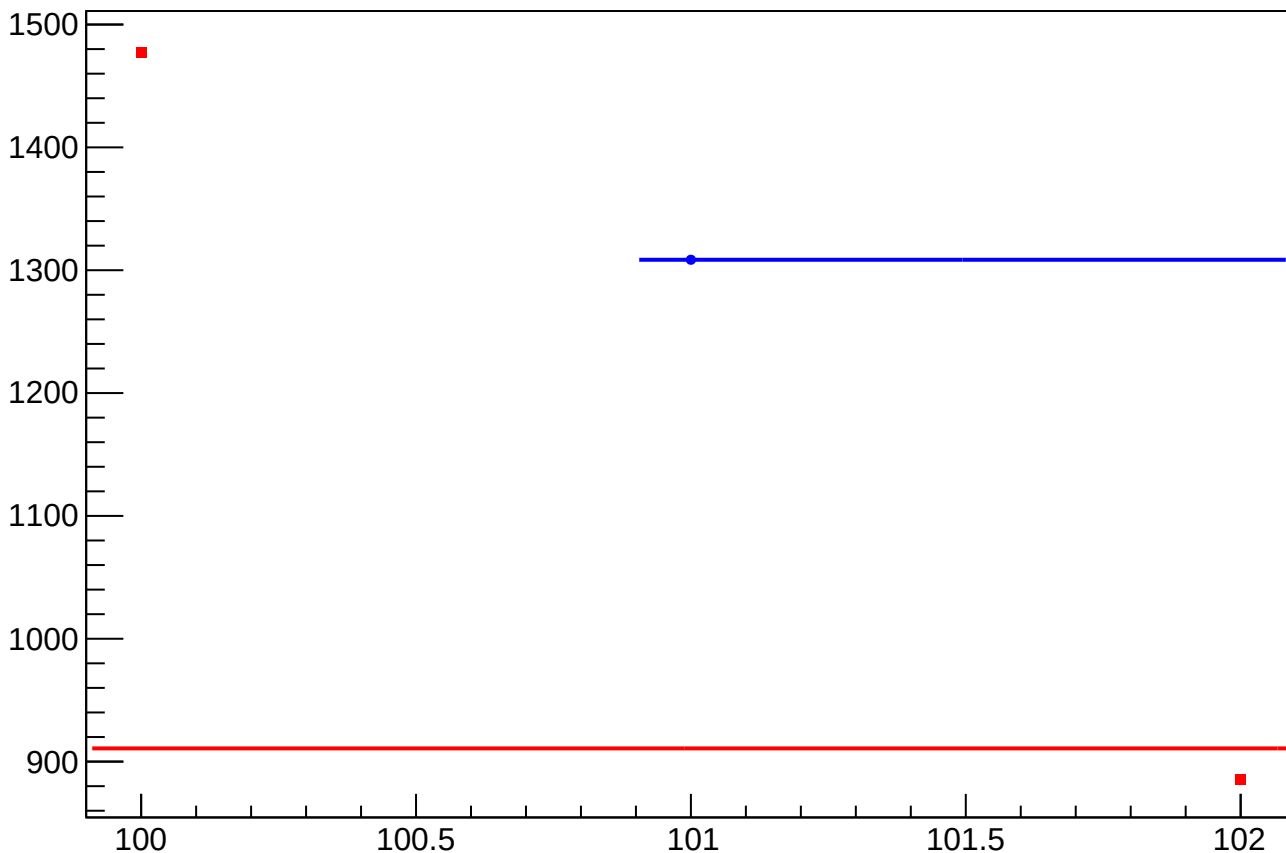
Right: 101.146+/-933.377 χ^2/NDF : 2.8/2

In: -1408.292+/-1623.290 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.146+/-933.377 χ^2/NDF : 2.8/2

reg_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 1308.505+/-1.148 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 910.745+/-0.807 χ^2/NDF : 22243.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

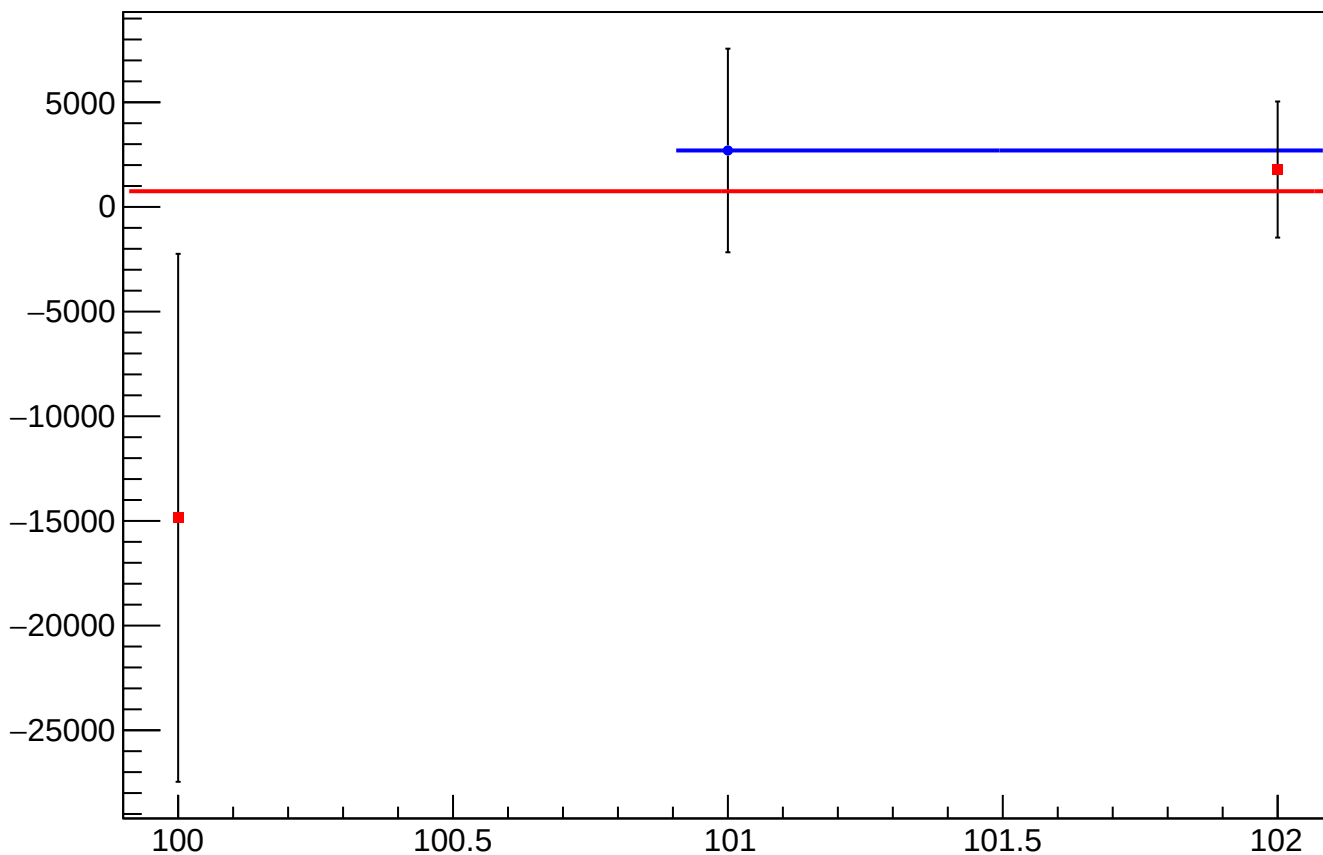
Right: 1042.250+/-0.660 χ^2/NDF : 102625.3/2

In: 1308.505+/-1.148 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1042.250+/-0.660 χ^2/NDF : 102625.3/2

asym_usl_atl2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 2697.515+/-4863.483 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 750.545+/-3147.559 χ^2/NDF : 1.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

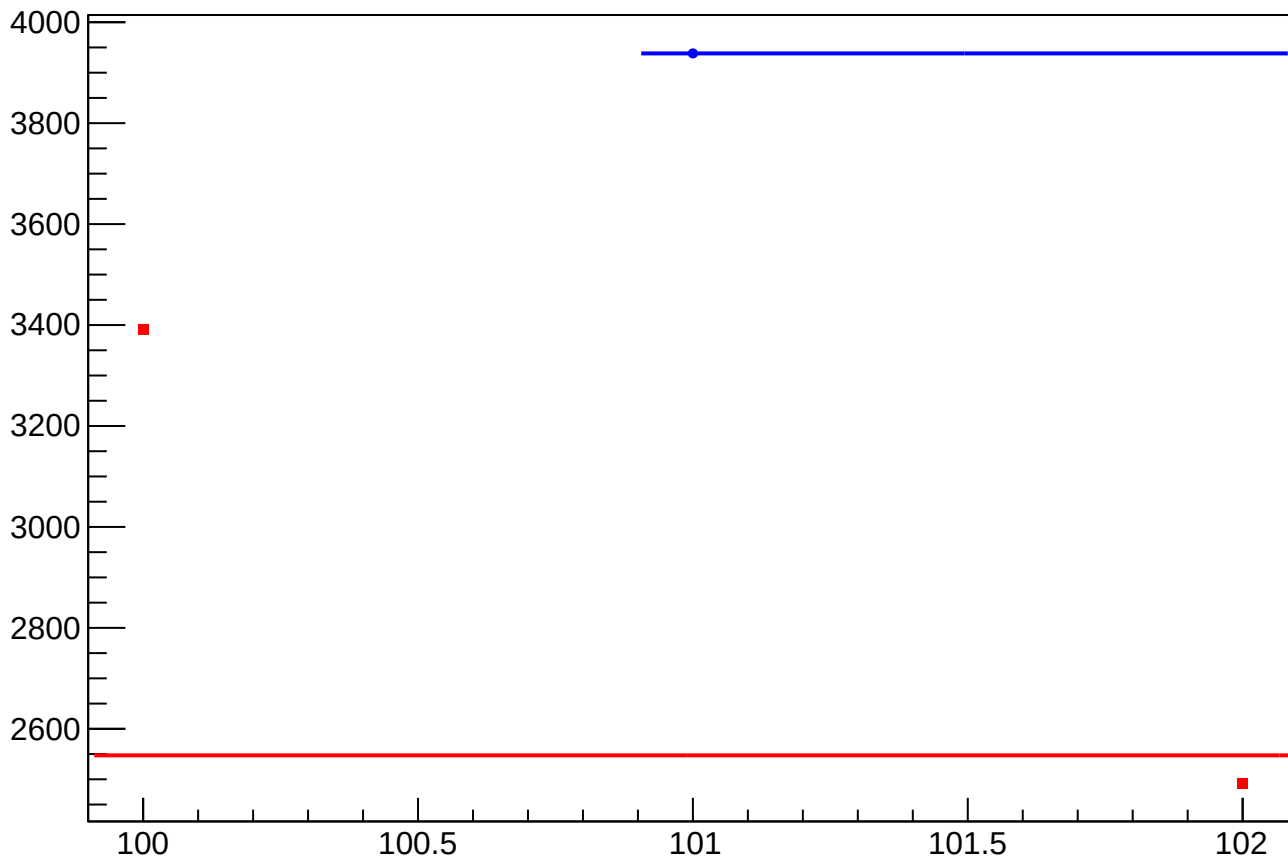
Right: 1325.293+/-2642.448 χ^2/NDF : 1.7/2

In: 2697.515+/-4863.483 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1325.293+/-2642.448 χ^2/NDF : 1.7/2

asym_usl_atl2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3938.205+/-3.439 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2547.460+/-2.226 χ^2/NDF : 9552.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

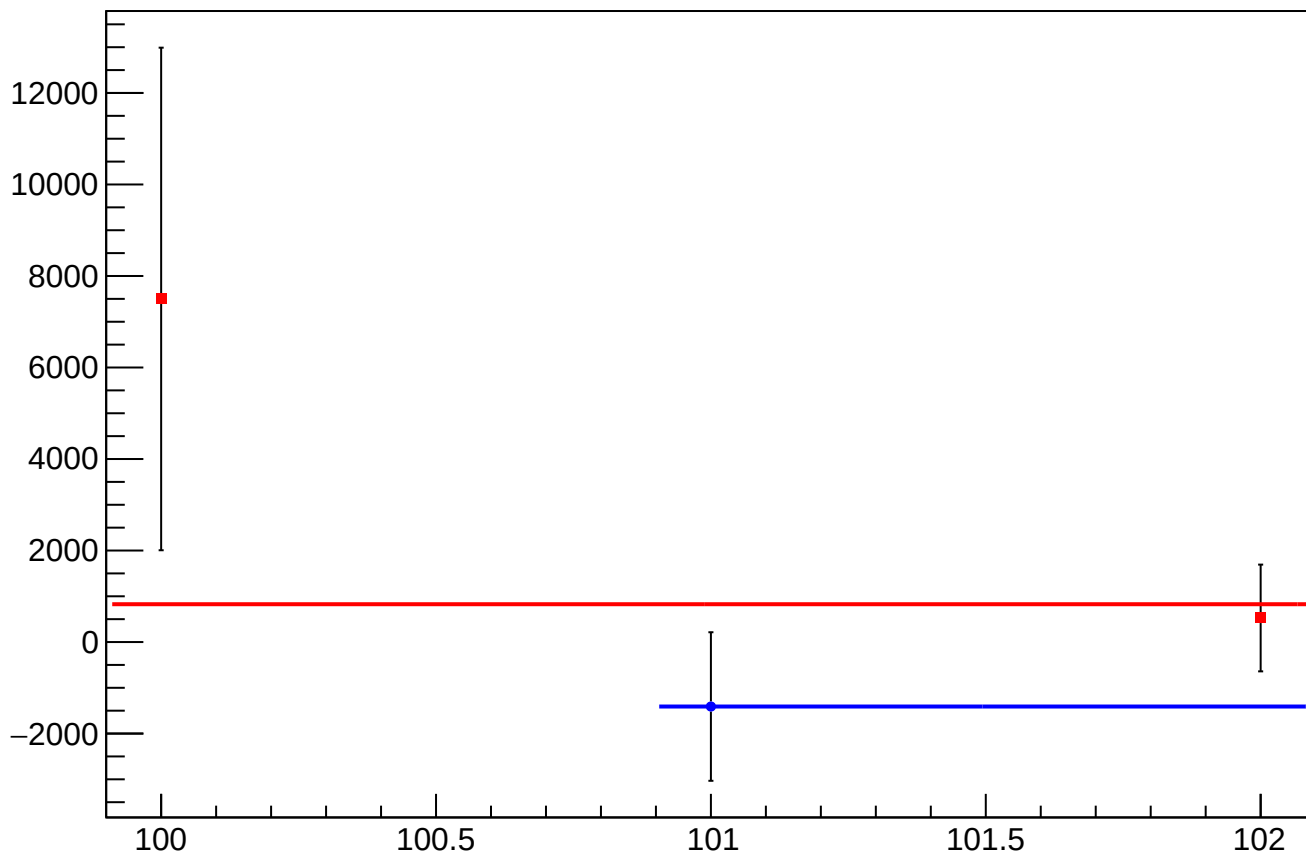
Right: 2958.009+/-1.868 χ^2/NDF : 124817.2/2

In: 3938.205+/-3.439 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2958.009+/-1.868 χ^2/NDF : 124817.2/2

cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -1409.128+/-1623.290 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 826.770+/-1141.047 χ^2/NDF : 1.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

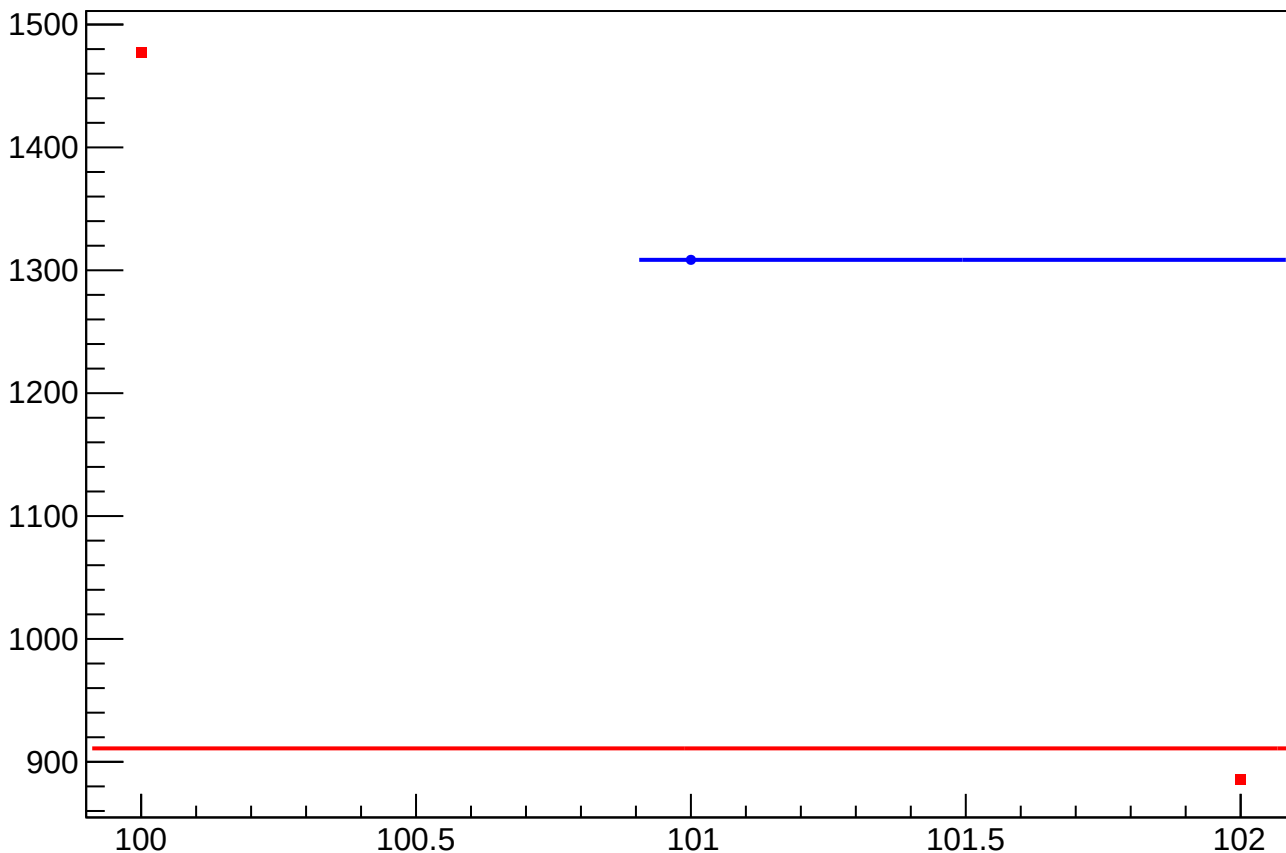
Right: 87.357+/-933.498 χ^2/NDF : 2.8/2

In: -1409.128+/-1623.290 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.357+/-933.498 χ^2/NDF : 2.8/2

cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 1308.504+/-1.148 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 910.942+/-0.807 χ^2/NDF : 22228.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

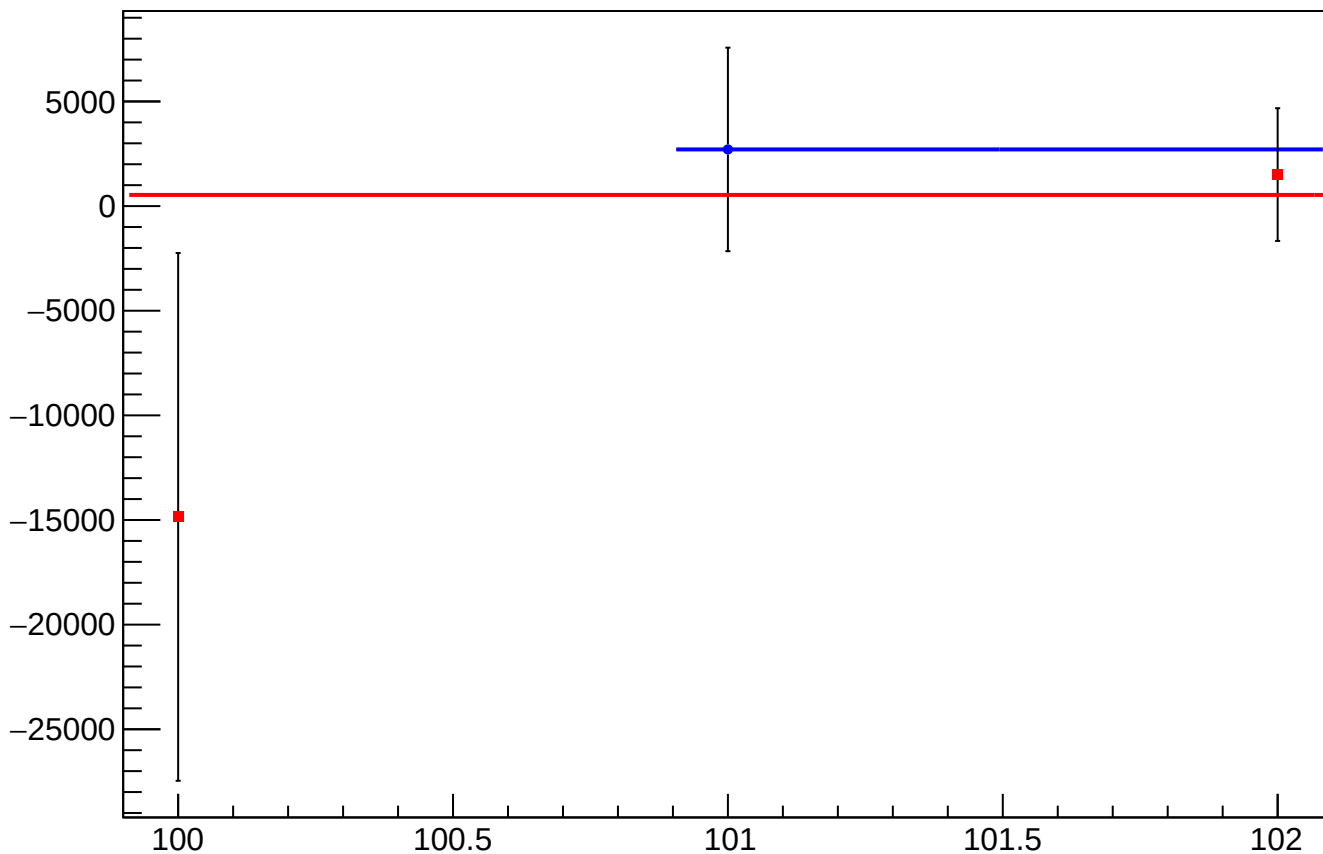
Right: 1042.416+/-0.660 χ^2/NDF : 102520.1/2

In: 1308.504+/-1.148 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1042.416+/-0.660 χ^2/NDF : 102520.1/2

asym_usl_atl2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 2708.007 $\pm$ 4862.302 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 533.898 $\pm$ 3075.127 χ^2 /NDF: 1.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

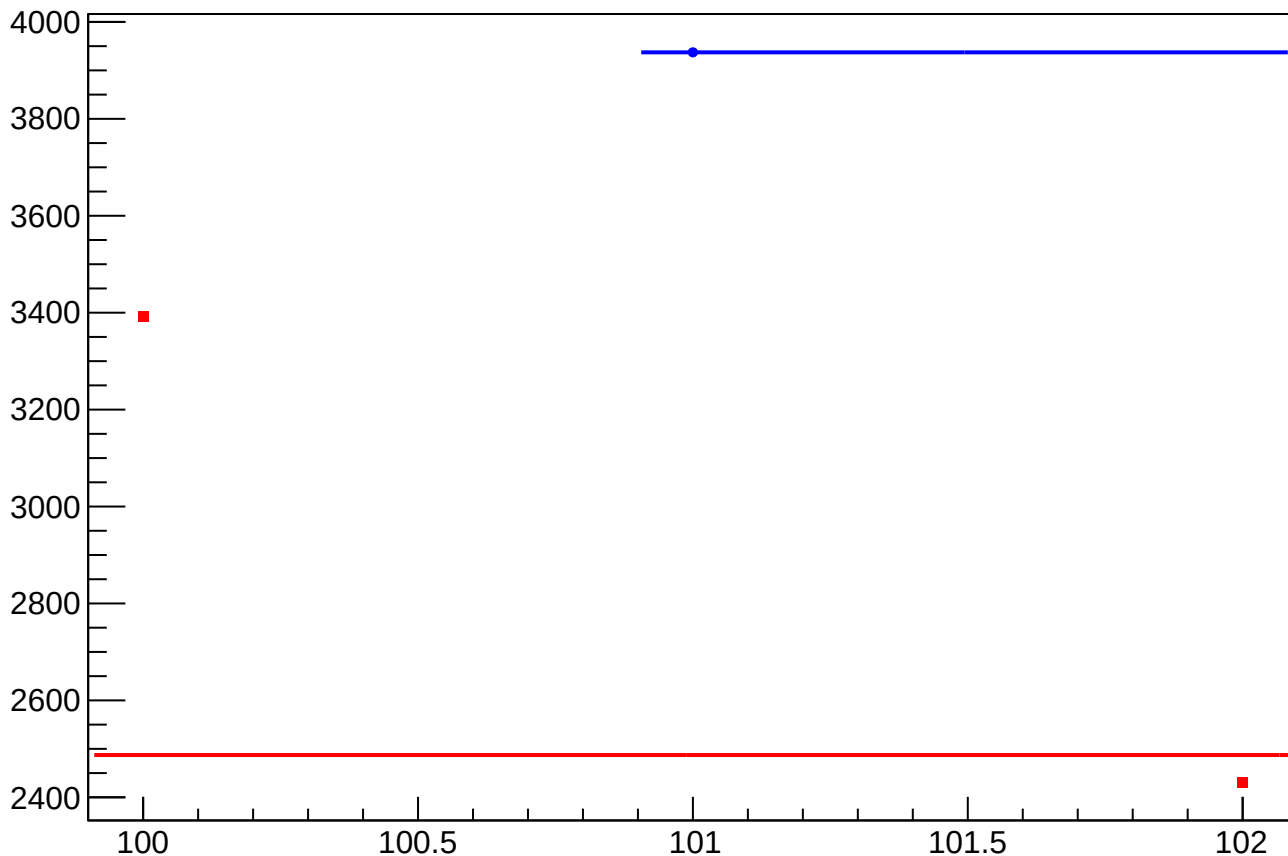
Right: 1155.054 $\pm$ 2598.972 χ^2 /NDF: 1.7/2

In: 2708.007 $\pm$ 4862.302 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1155.054 $\pm$ 2598.972 χ^2 /NDF: 1.7/2

asym_usl_atl2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3937.239+/-3.438 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2487.288+/-2.174 χ^2/NDF : 10930.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

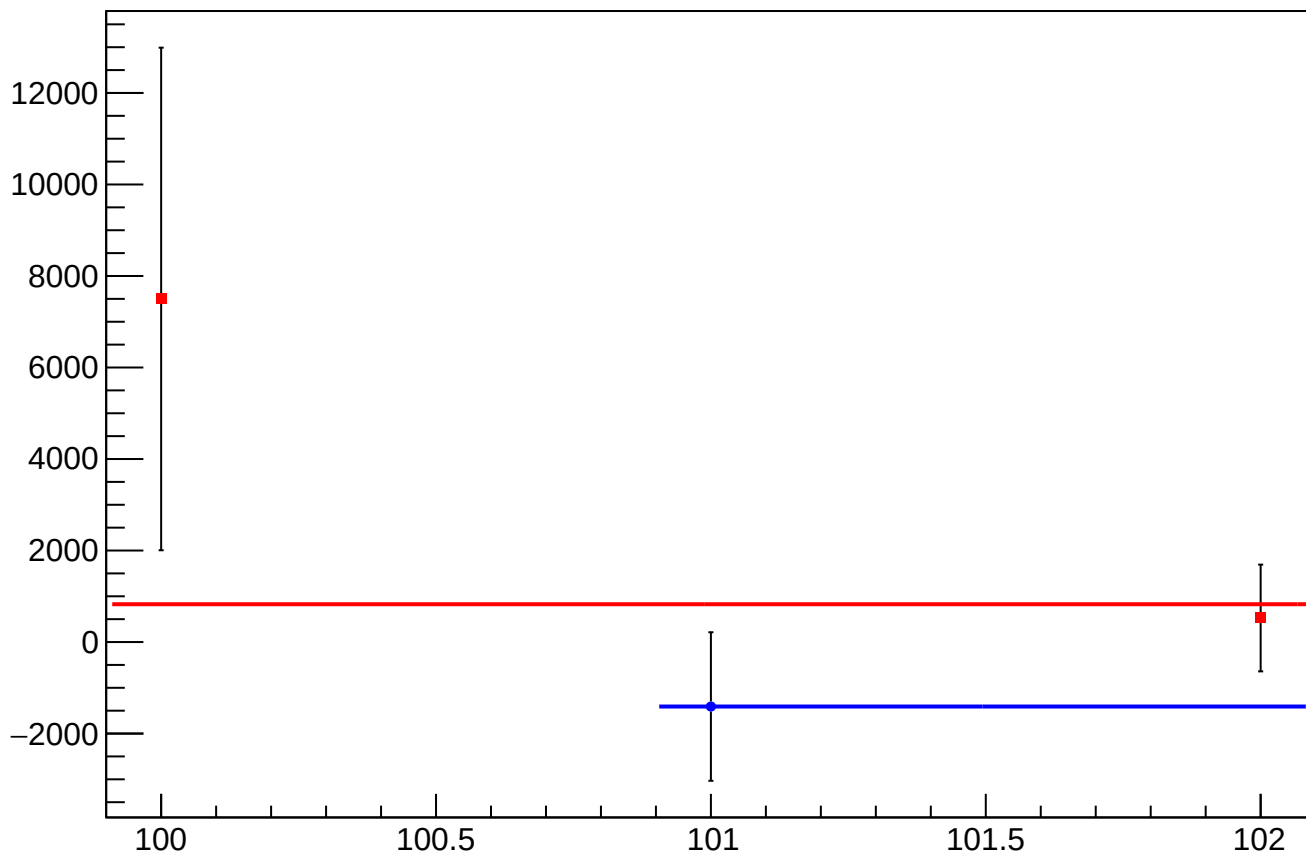
Right: 2901.547+/-1.838 χ^2/NDF : 137967.3/2

In: 3937.239+/-3.438 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2901.547+/-1.838 χ^2/NDF : 137967.3/2

eigen_cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -1409.128+/-1623.290 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 826.770+/-1141.047 χ^2 /NDF: 1.5/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

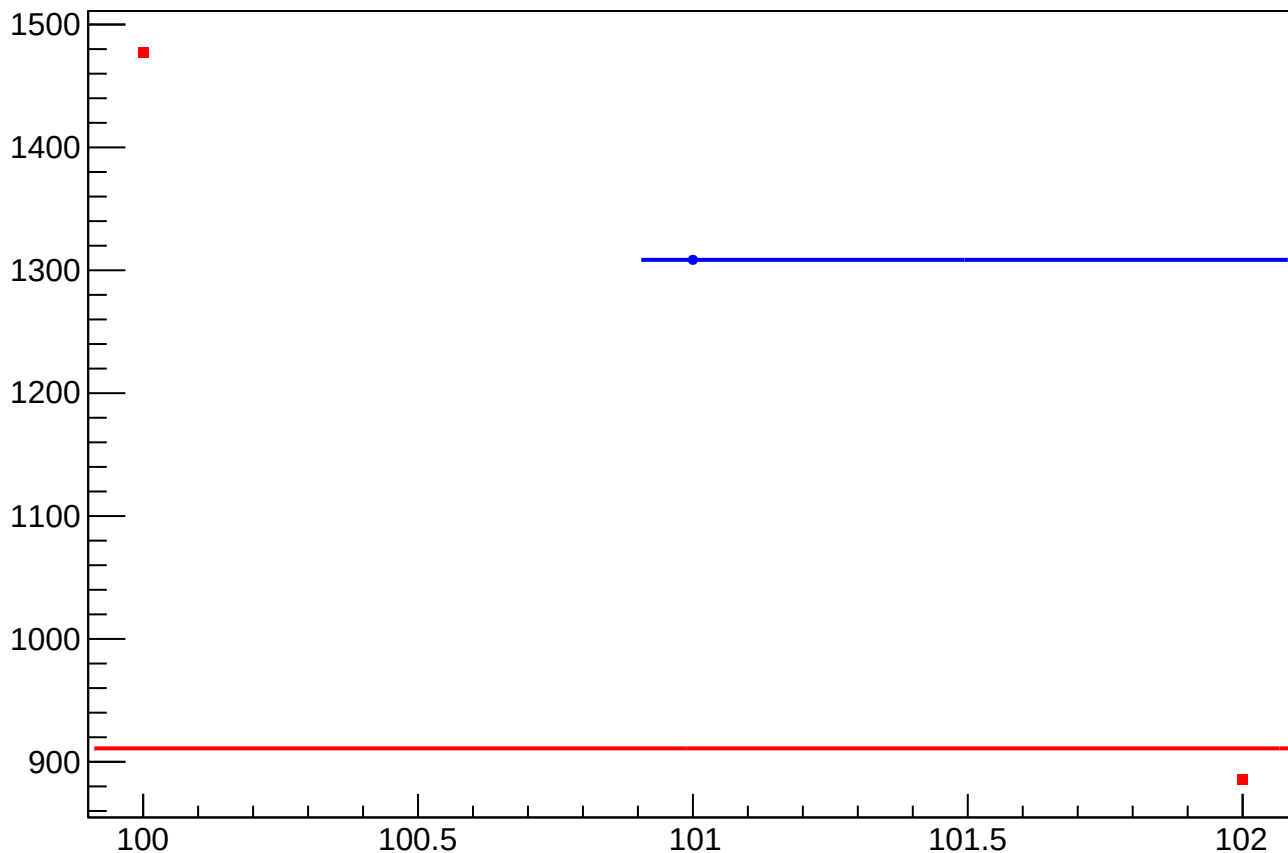
Right: 87.357+/-933.498 χ^2 /NDF: 2.8/2

In: -1409.128+/-1623.290 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 87.357+/-933.498 χ^2 /NDF: 2.8/2

eigen_cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 1308.504 $\pm$ 1.148 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 910.942 $\pm$ 0.807 χ^2 /NDF: 22228.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

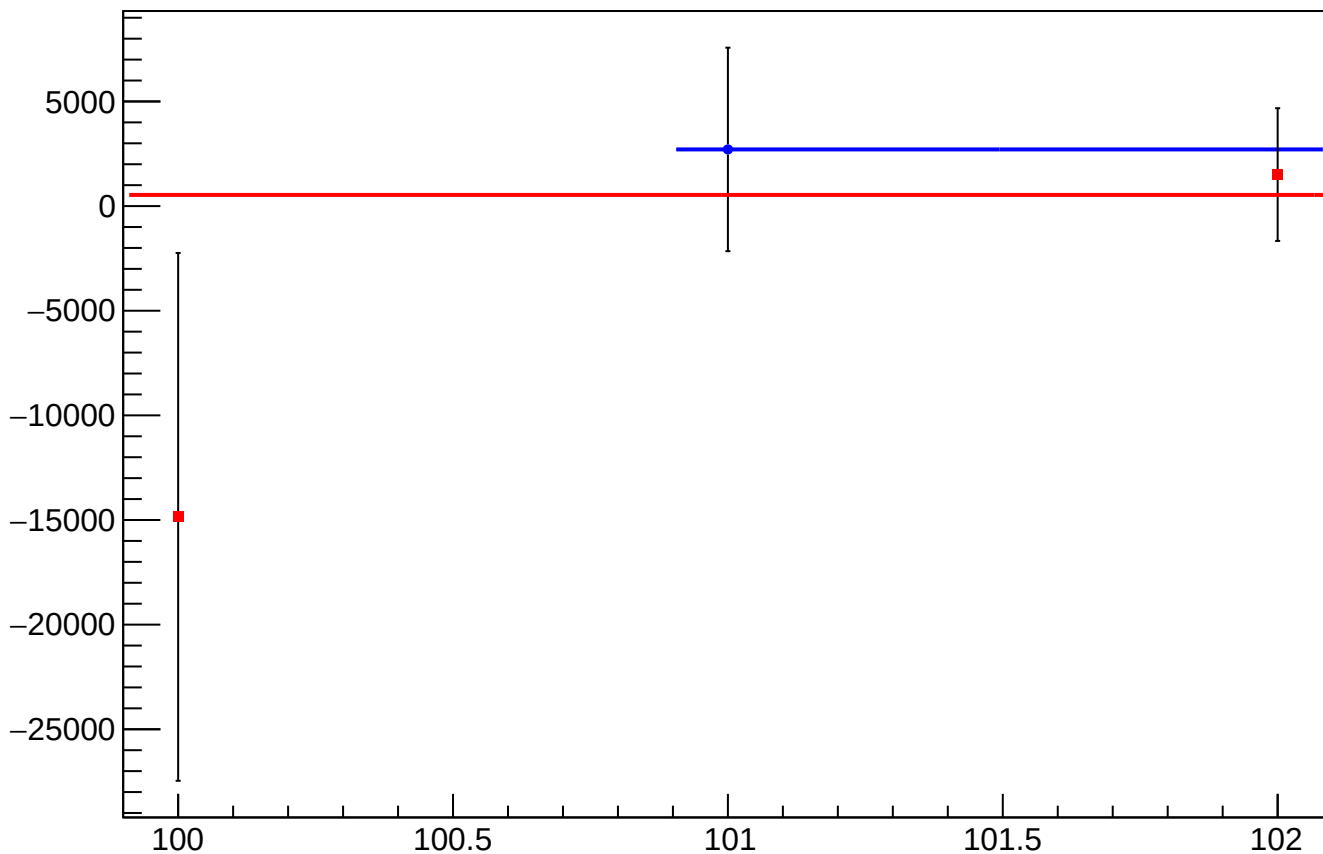
Right: 1042.416 $\pm$ 0.660 χ^2 /NDF: 102520.1/2

In: 1308.504 $\pm$ 1.148 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1042.416 $\pm$ 0.660 χ^2 /NDF: 102520.1/2

asym_usl_atl2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2708.007+/-4862.302 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 533.898+/-3075.127 χ^2/NDF : 1.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

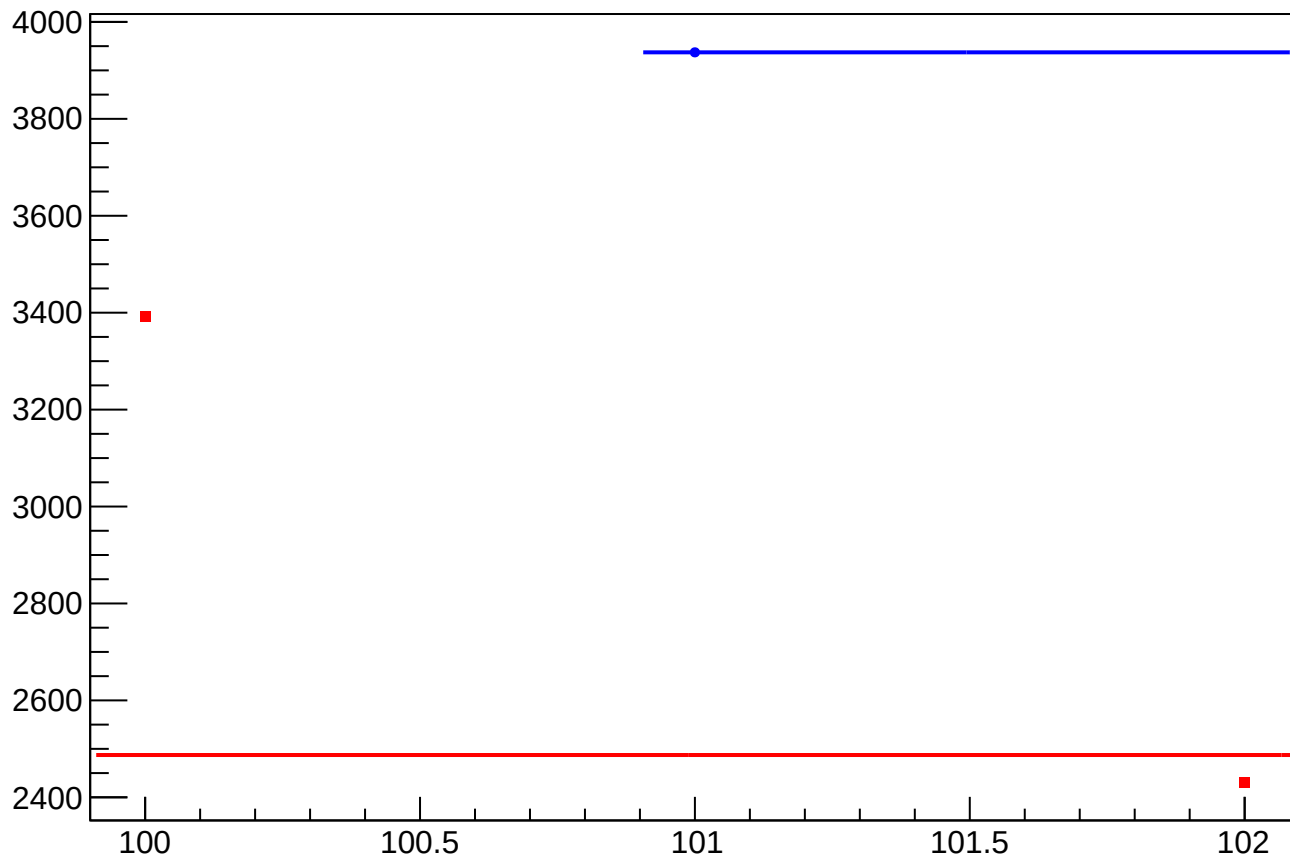
Right: 1155.054+/-2598.972 χ^2/NDF : 1.7/2

In: 2708.007+/-4862.302 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1155.054+/-2598.972 χ^2/NDF : 1.7/2

asym_usl_atl2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3937.239+/-3.438 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2487.288+/-2.174 χ^2/NDF : 10930.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

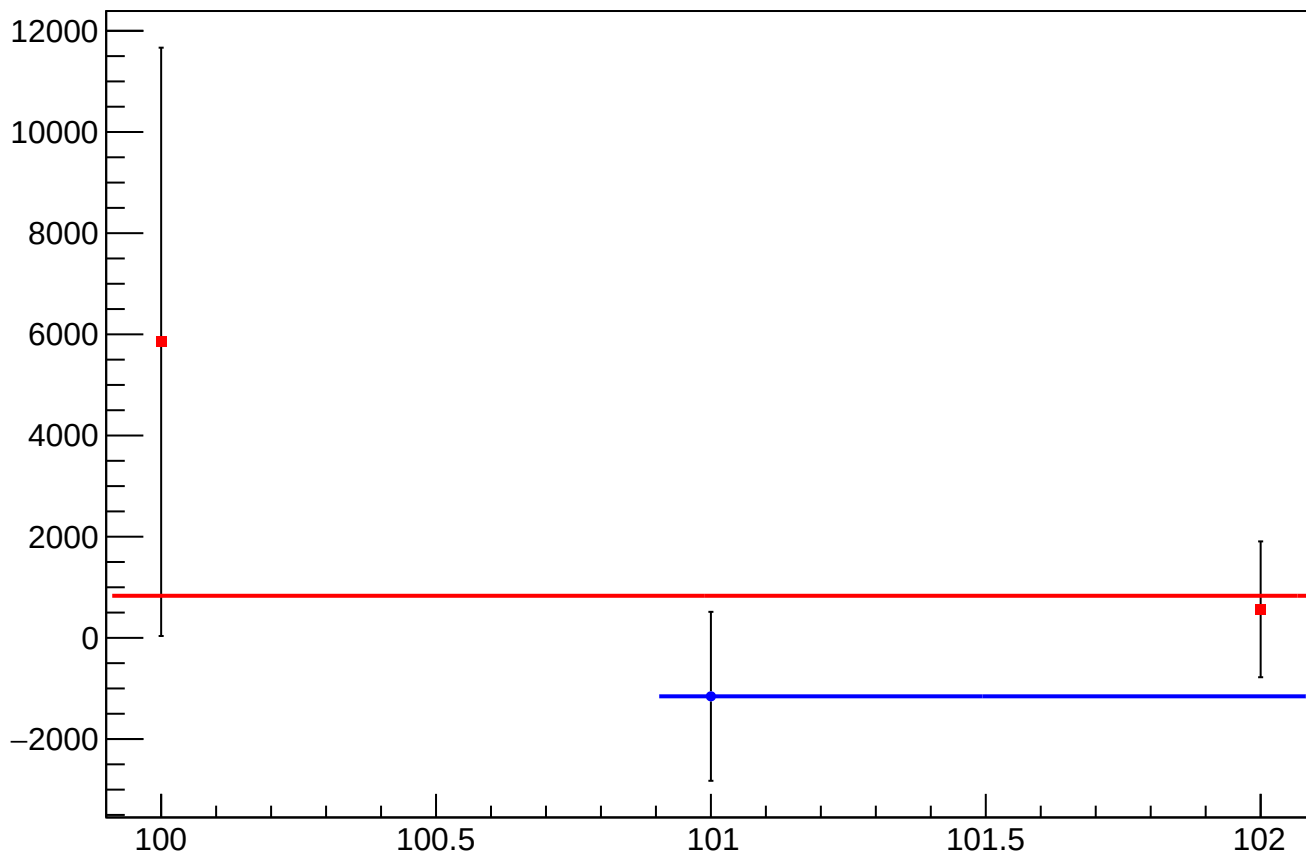
Right: 2901.547+/-1.838 χ^2/NDF : 137967.3/2

In: 3937.239+/-3.438 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2901.547+/-1.838 χ^2/NDF : 137967.3/2

dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -1155.440+/-1669.953 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 832.063+/-1308.219 χ^2/NDF : 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

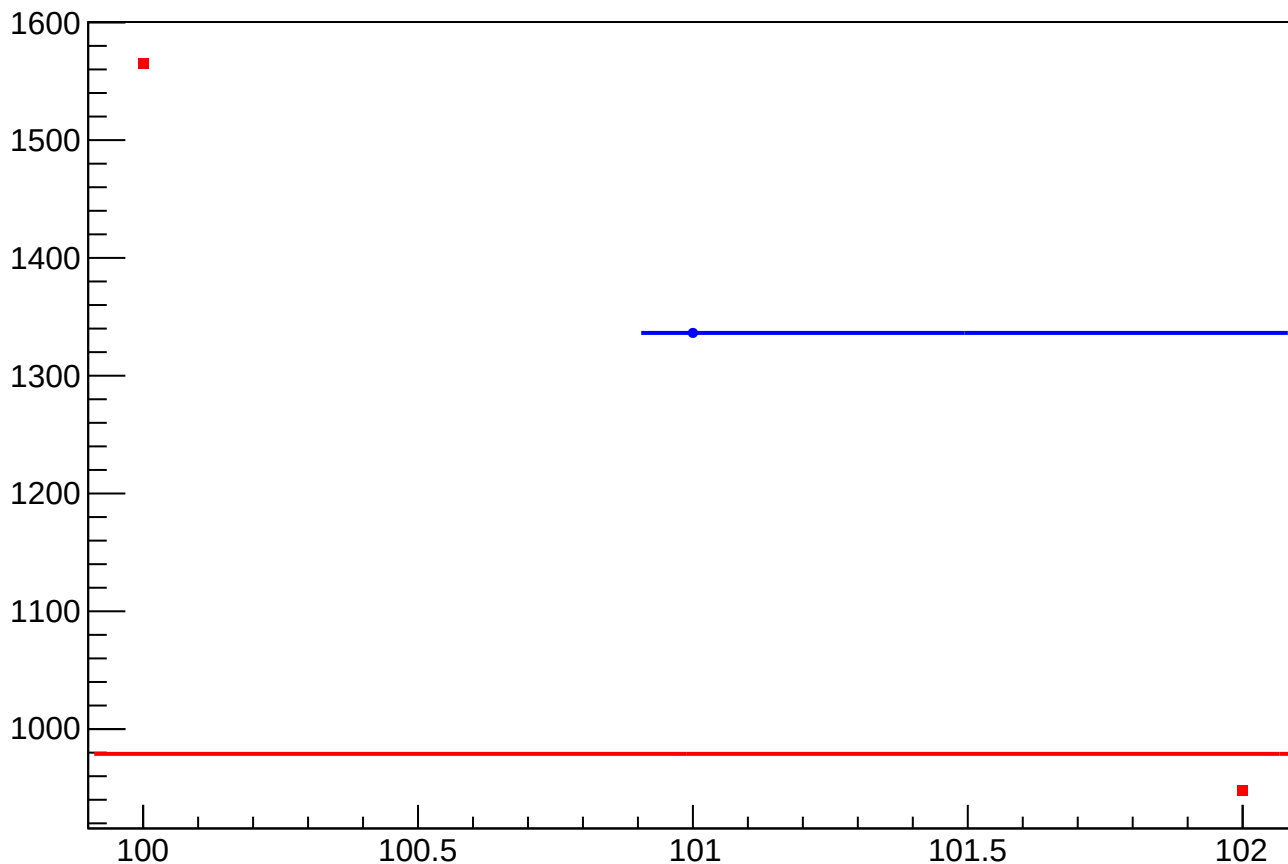
Right: 76.208+/-1029.840 χ^2/NDF : 1.7/2

In: -1155.440+/-1669.953 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.208+/-1029.840 χ^2/NDF : 1.7/2

dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 1336.328+/-1.181 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 978.963+/-0.925 χ^2/NDF : 21398.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

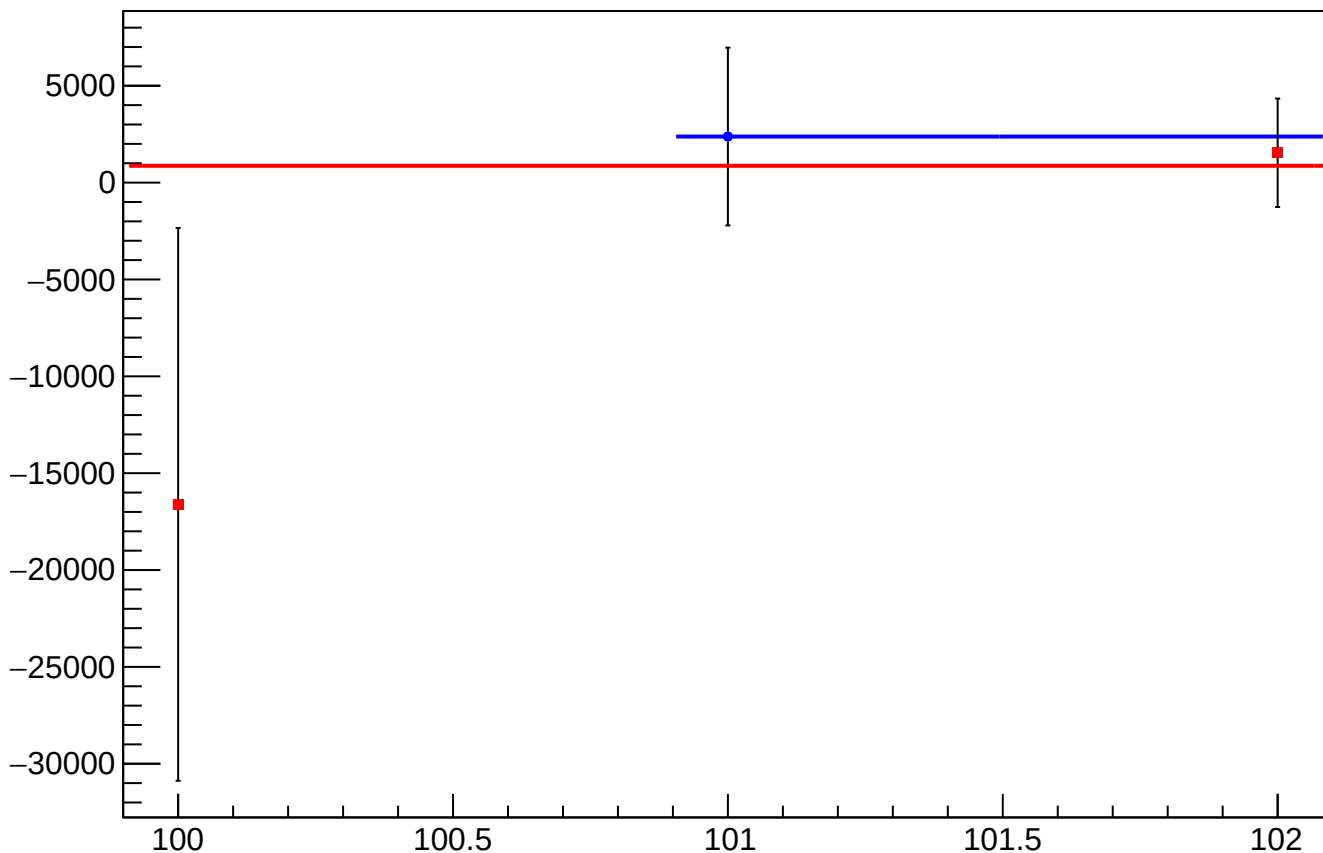
Right: 1114.870+/-0.728 χ^2/NDF : 78156.1/2

In: 1336.328+/-1.181 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1114.870+/-0.728 χ^2/NDF : 78156.1/2

asym_usl_atl2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 2378.716+/-4588.094 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 868.857+/-2745.677 χ^2/NDF : 1.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

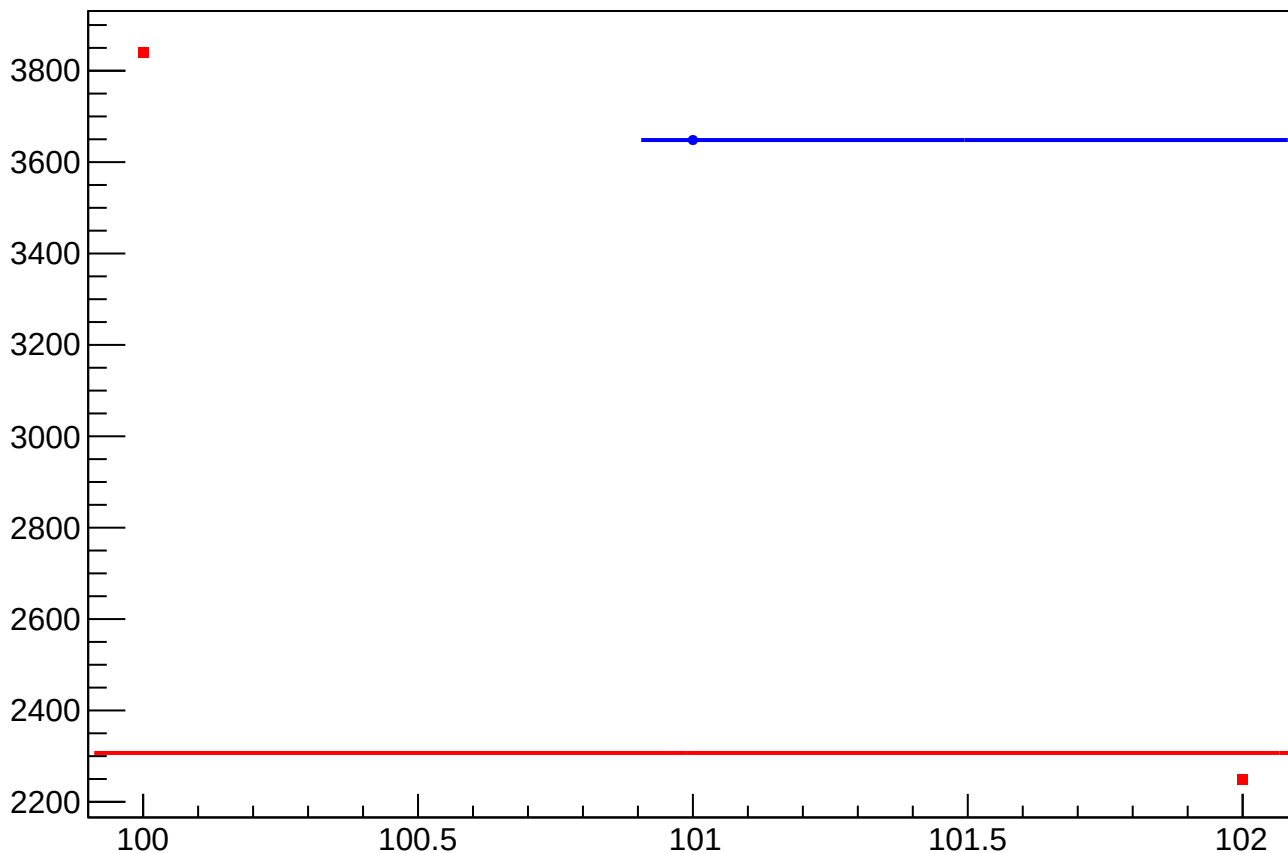
Right: 1266.992+/-2356.024 χ^2/NDF : 1.6/2

In: 2378.716+/-4588.094 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1266.992+/-2356.024 χ^2/NDF : 1.6/2

asym_usl_atl2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3648.341+/-3.244 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2307.002+/-1.941 χ^2/NDF : 23986.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

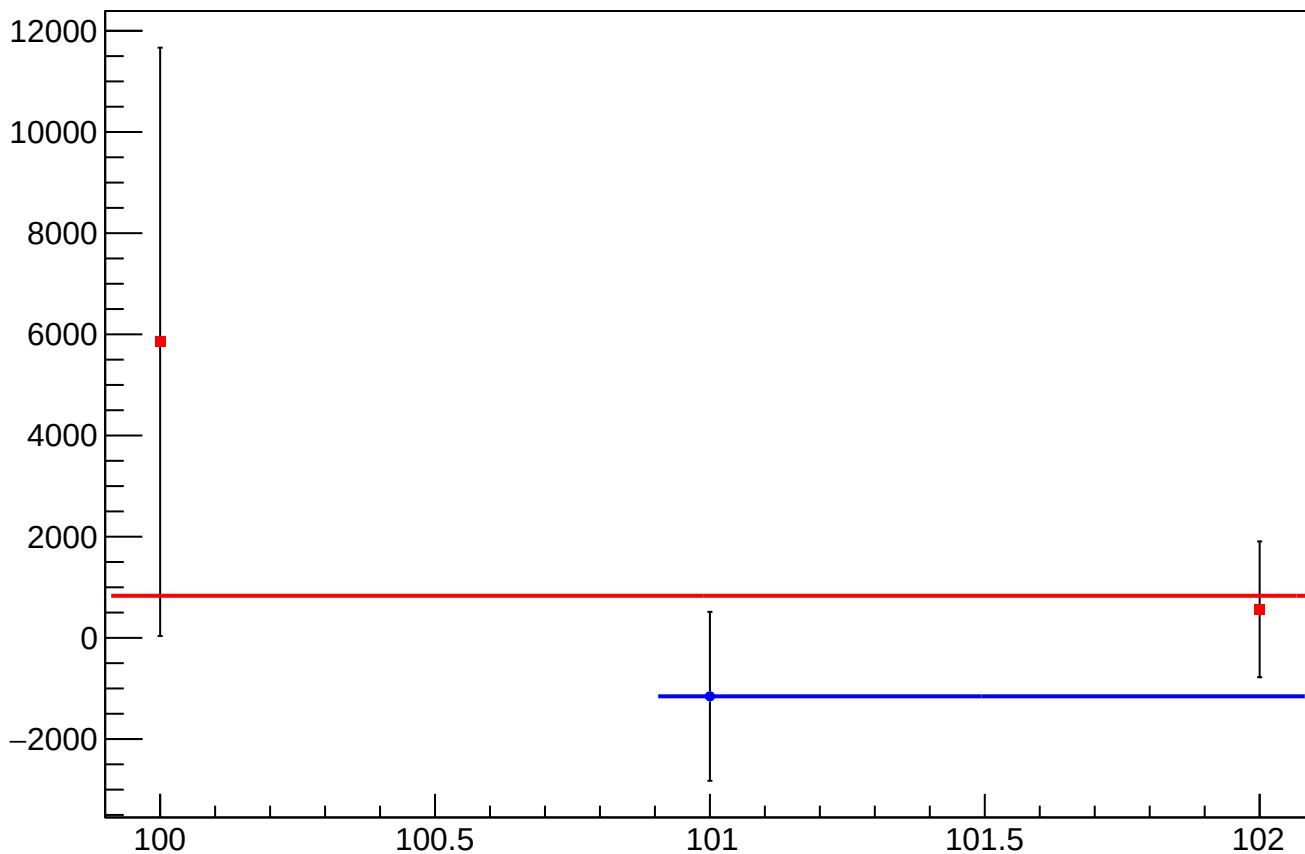
Right: 2660.701+/-1.666 χ^2/NDF : 149850.6/2

In: 3648.341+/-3.244 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2660.701+/-1.666 χ^2/NDF : 149850.6/2

eigen_dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -1155.438+/-1669.953 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 832.050+/-1308.220 χ^2/NDF : 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

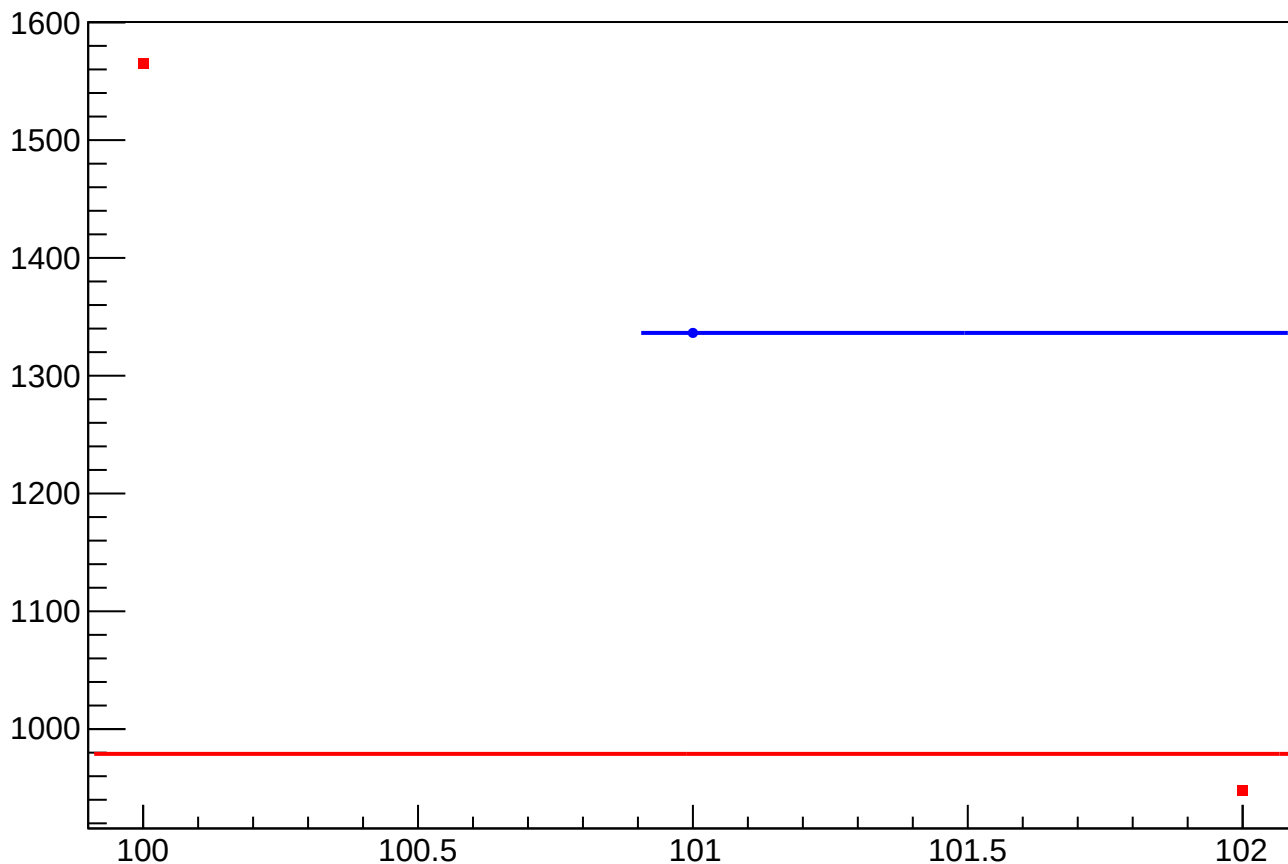
Right: 76.200+/-1029.840 χ^2/NDF : 1.7/2

In: -1155.438+/-1669.953 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.200+/-1029.840 χ^2/NDF : 1.7/2

eigen_dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 1336.328+/-1.181 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 978.964+/-0.925 χ^2/NDF : 21398.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

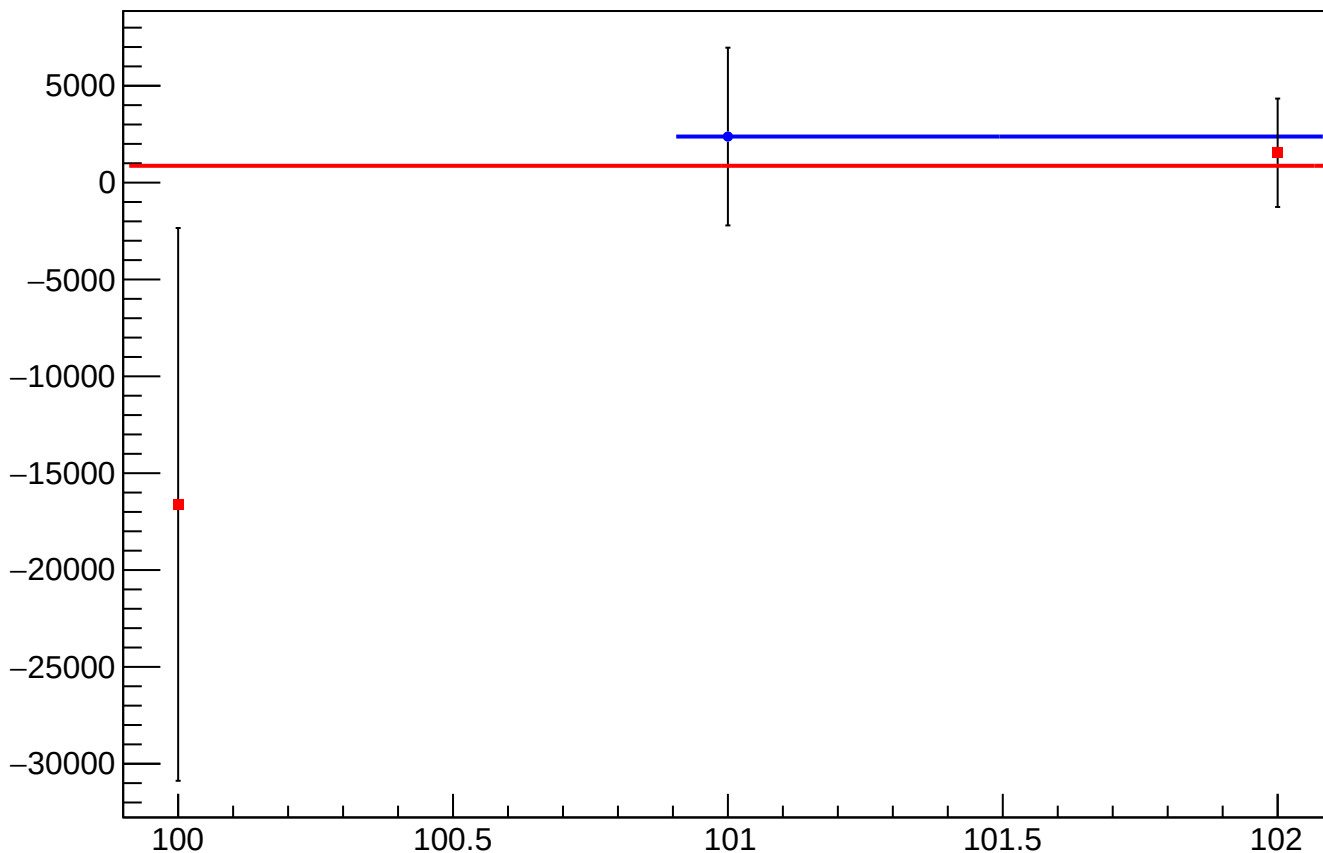
Right: 1114.871+/-0.728 χ^2/NDF : 78155.6/2

In: 1336.328+/-1.181 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1114.871+/-0.728 χ^2/NDF : 78155.6/2

asym_usl_atl2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 2378.716+/-4588.088 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 868.857+/-2745.679 χ^2/NDF : 1.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

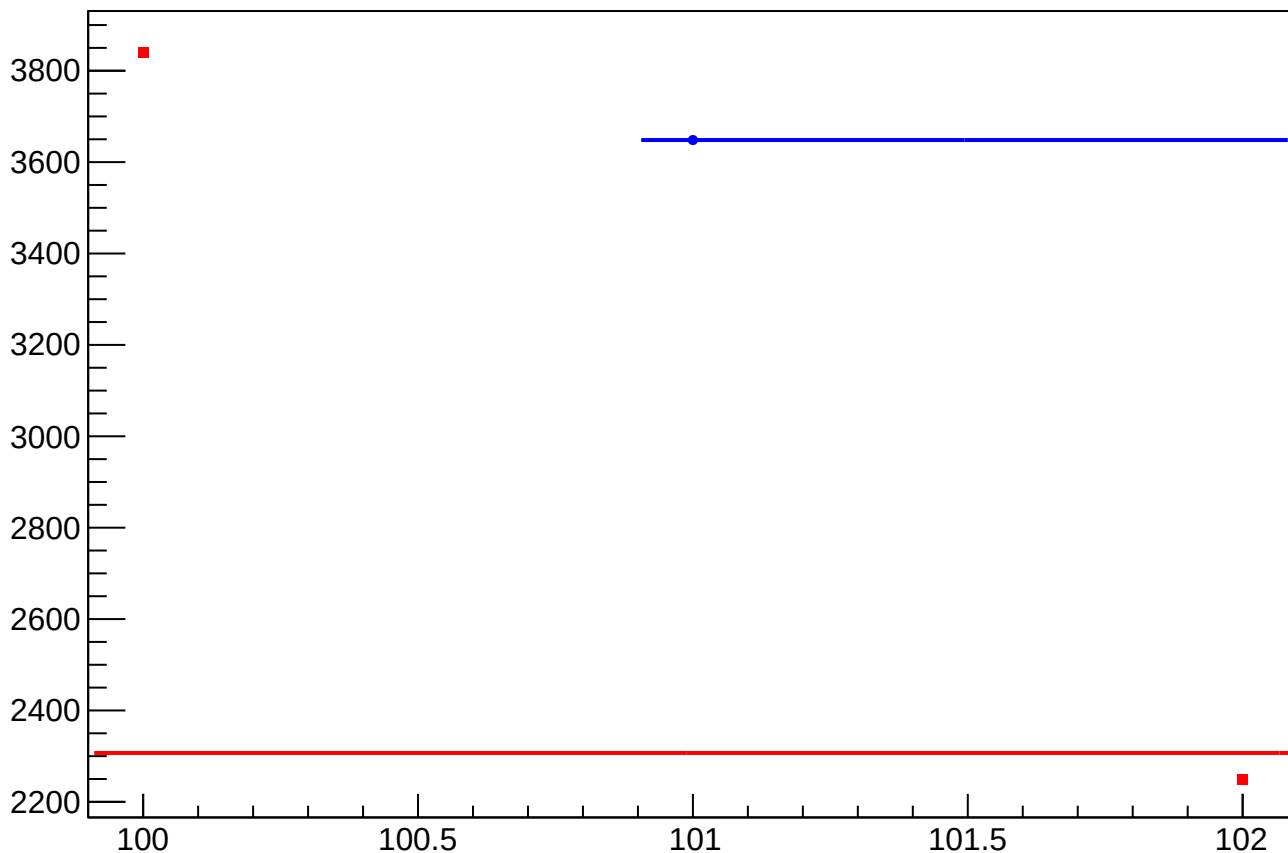
Right: 1266.994+/-2356.024 χ^2/NDF : 1.6/2

In: 2378.716+/-4588.088 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1266.994+/-2356.024 χ^2/NDF : 1.6/2

asym_usl_atl2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3648.336+/-3.244 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2307.004+/-1.941 χ^2/NDF : 23986.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

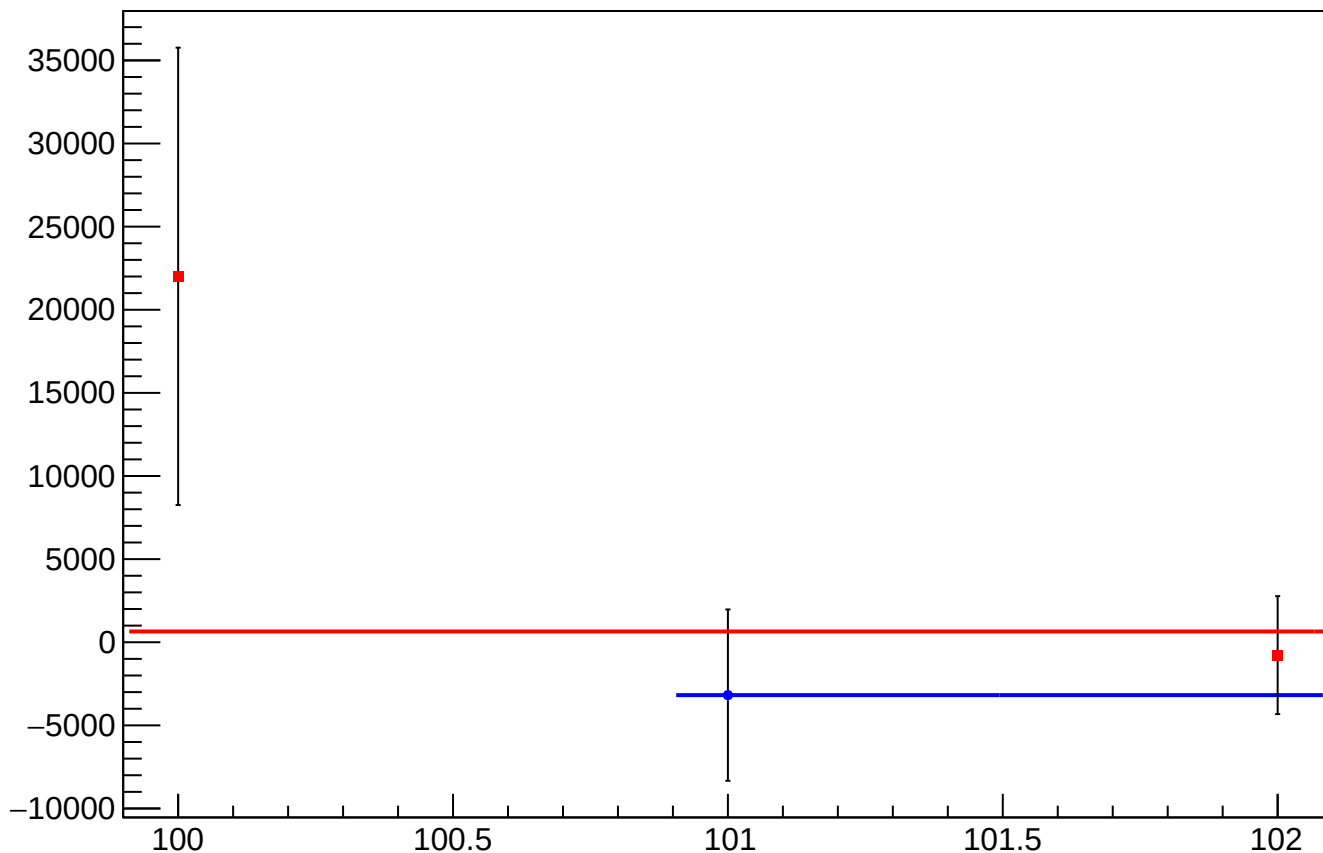
Right: 2660.702+/-1.666 χ^2/NDF : 149849.6/2

In: 3648.336+/-3.244 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2660.702+/-1.666 χ^2/NDF : 149849.6/2

asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -3180.354+/-5153.791 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 647.402+/-3436.114 χ^2/NDF : 2.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

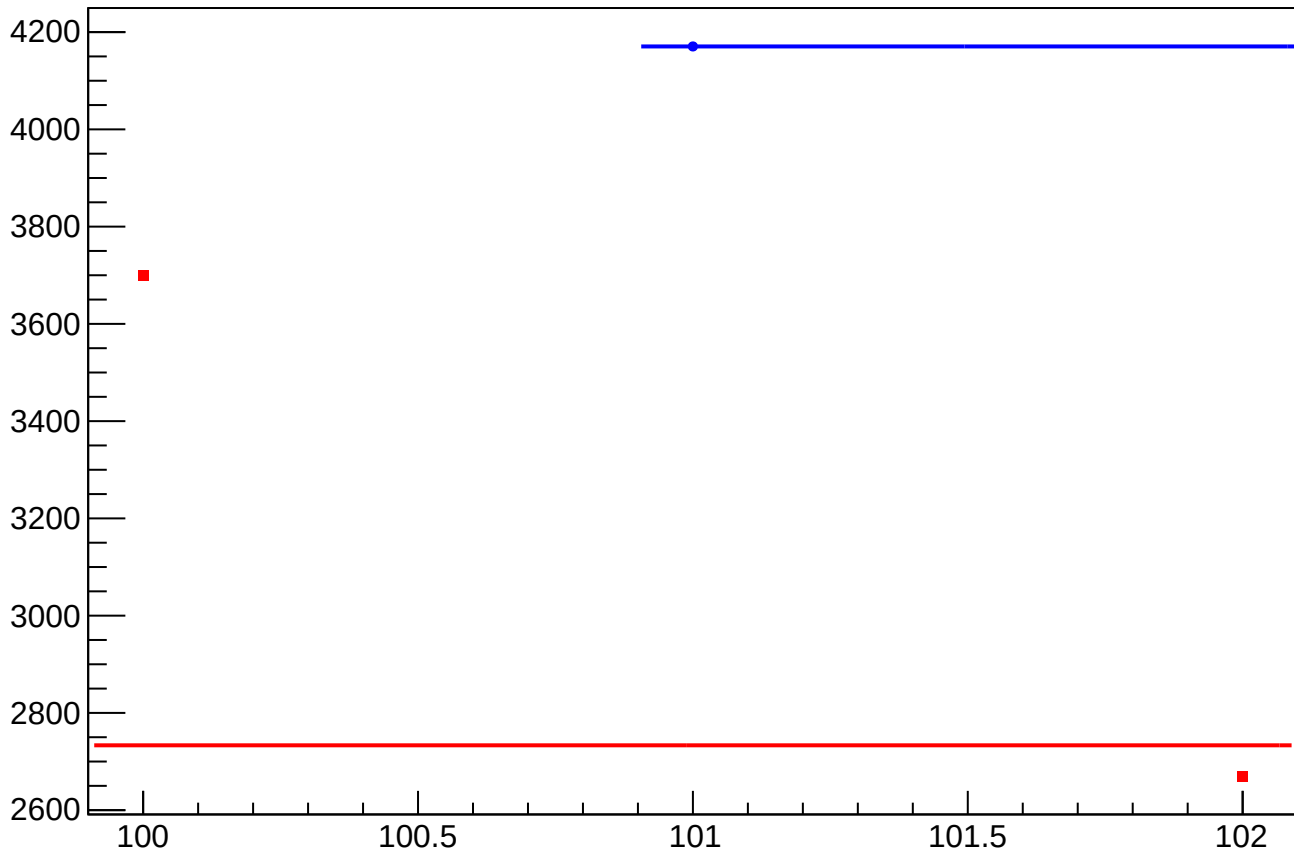
Right: -530.489+/-2858.955 χ^2/NDF : 3.0/2

In: -3180.354+/-5153.791 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -530.489+/-2858.955 χ^2/NDF : 3.0/2

asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 4170.530+/-3.644 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2733.361+/-2.430 χ^2/NDF : 10521.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

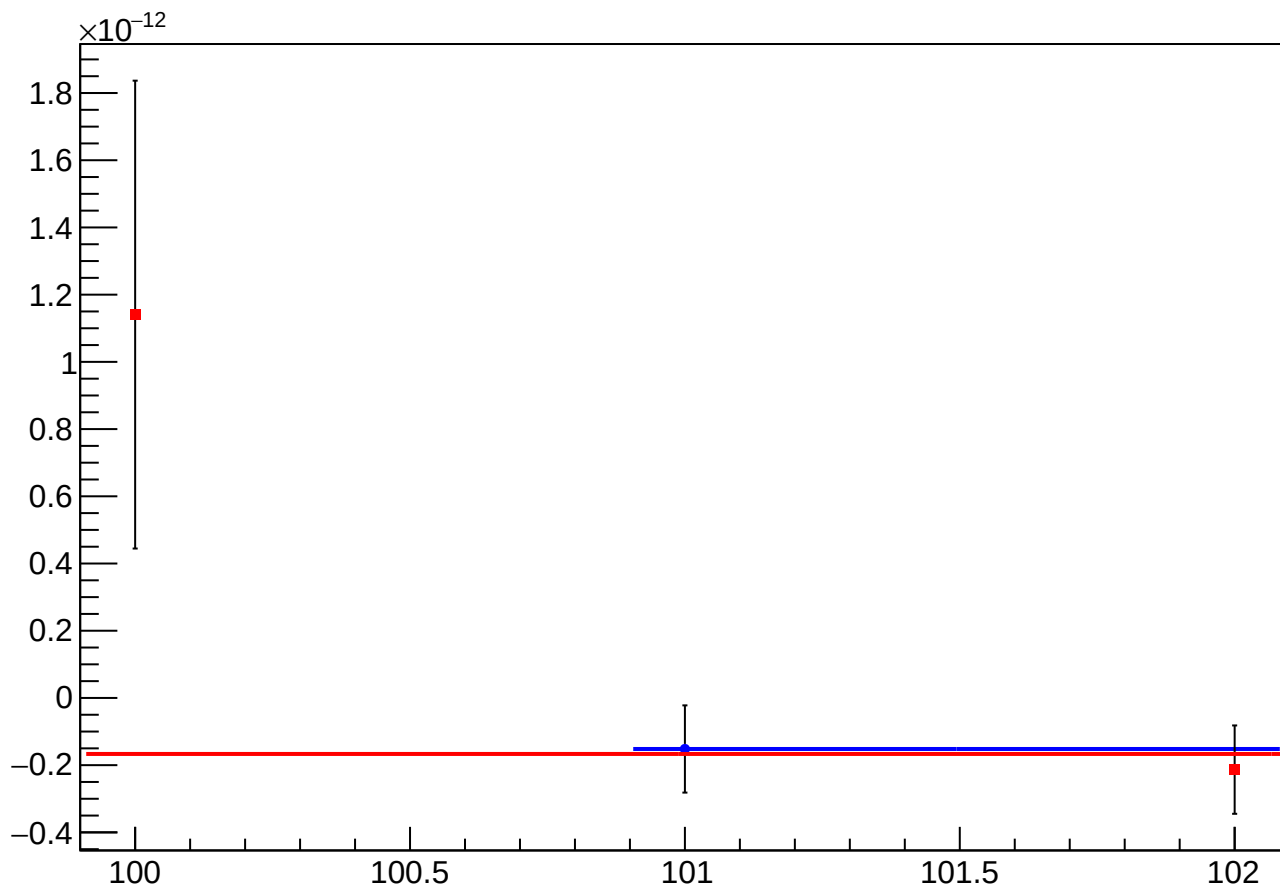
Right: 3175.609+/-2.022 χ^2/NDF : 118186.5/2

In: 4170.530+/-3.644 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3175.609+/-2.022 χ^2/NDF : 118186.5/2

asym_usl_atl2_dd_reg_vs_cor_diff_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 : 3.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

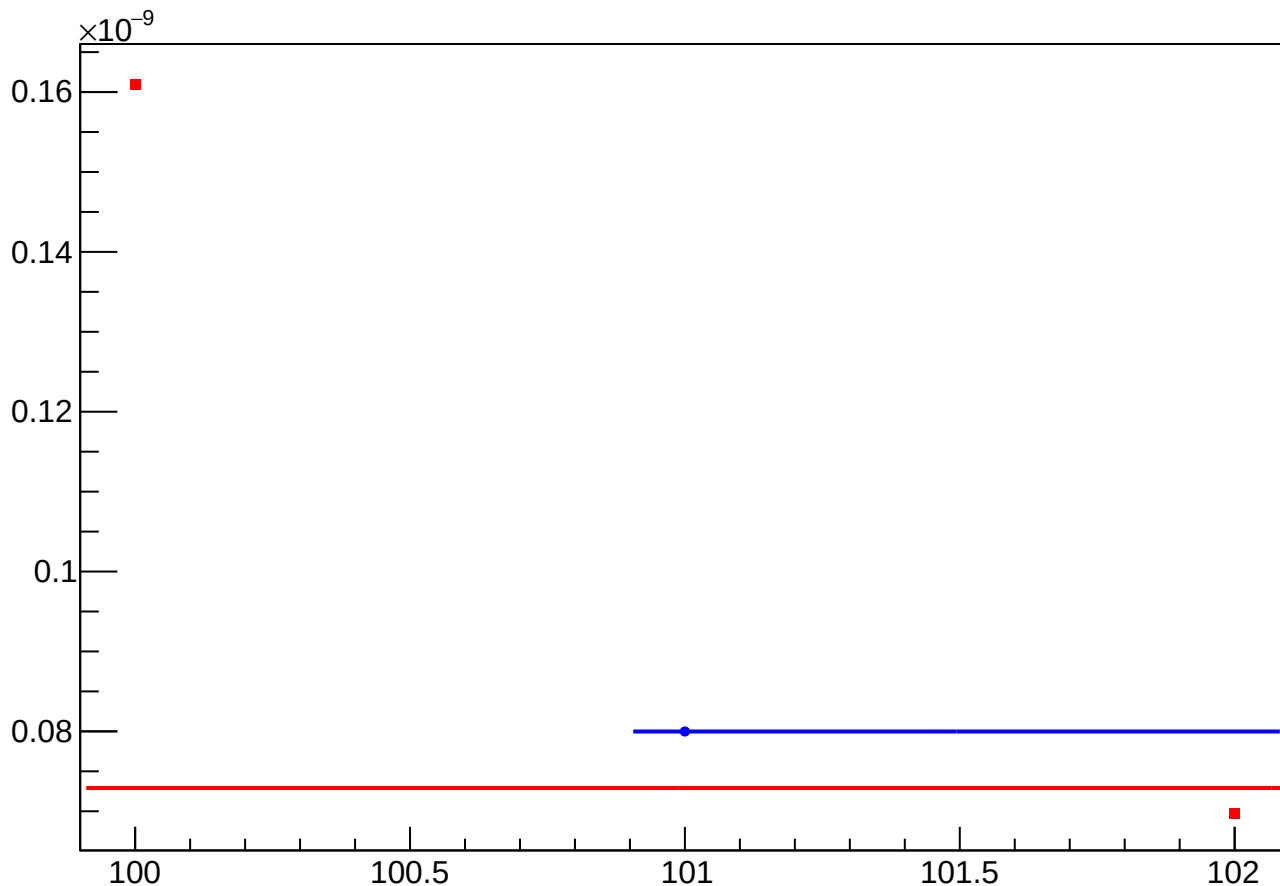
Right: -0.000+/-0.000 χ^2/NDF : 3.7/2

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 : 3.7/2

asym_usl_atl2_dd_reg_vs_cor_diff_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 : 33118.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

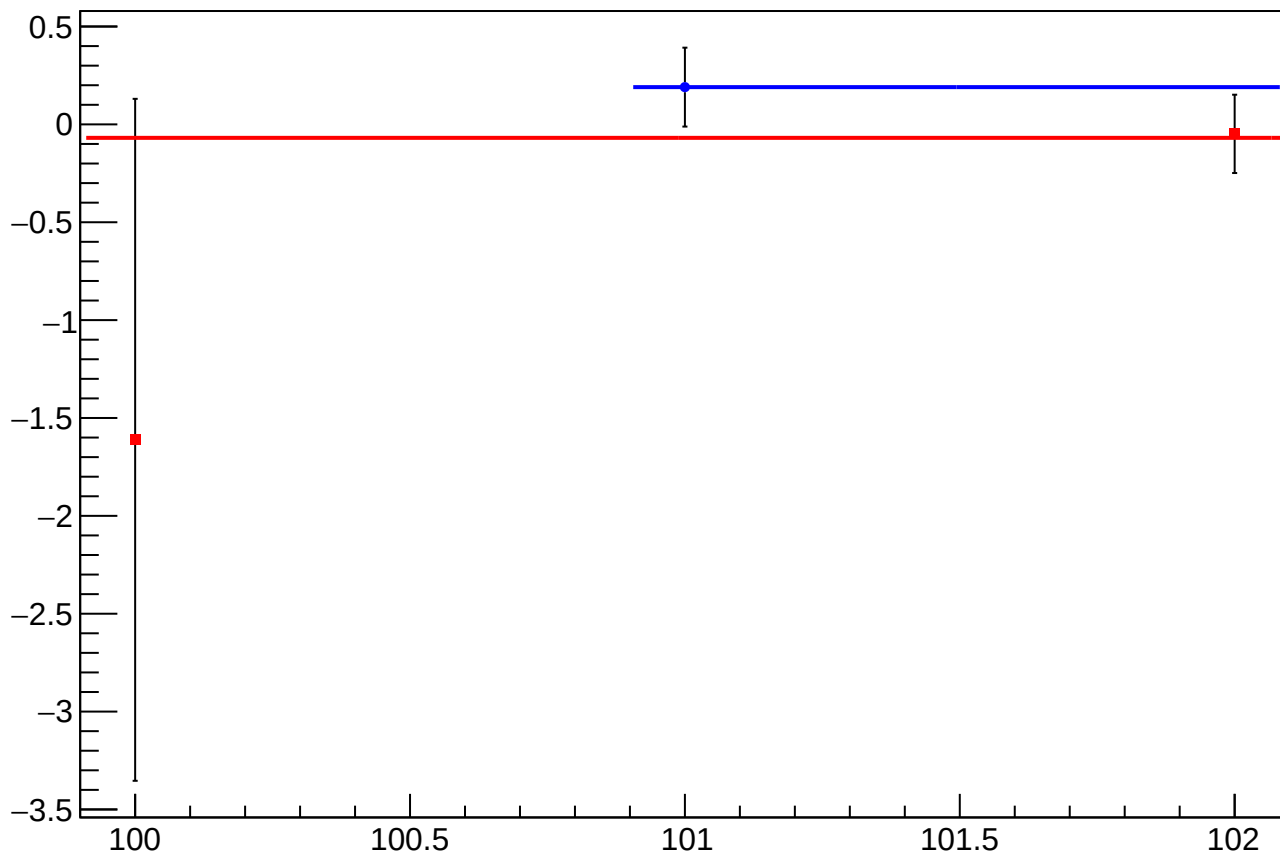
Right: 0.000+/-0.000 χ^2/NDF : 36097.4/2

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 : 36097.4/2

asym_usl_atl2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.190+/-0.202 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.069+/-0.199 χ^2/NDF : 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

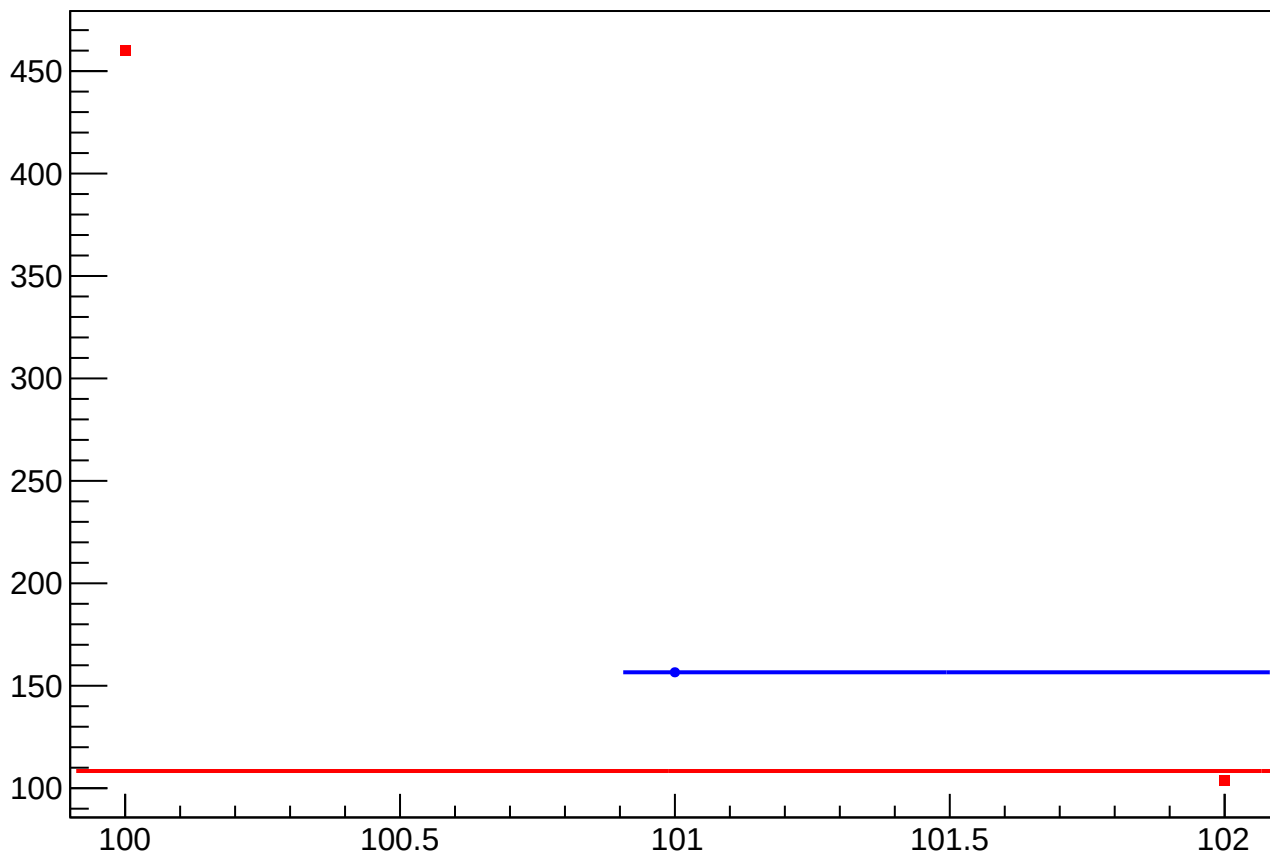
Right: 0.059+/-0.142 χ^2/NDF : 1.6/2

In: 0.190+/-0.202 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.059+/-0.142 χ^2/NDF : 1.6/2

asym_usl_atl2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 156.572 $\pm$ 0.143 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 108.391 $\pm$ 0.141 χ^2 /NDF: 82650.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

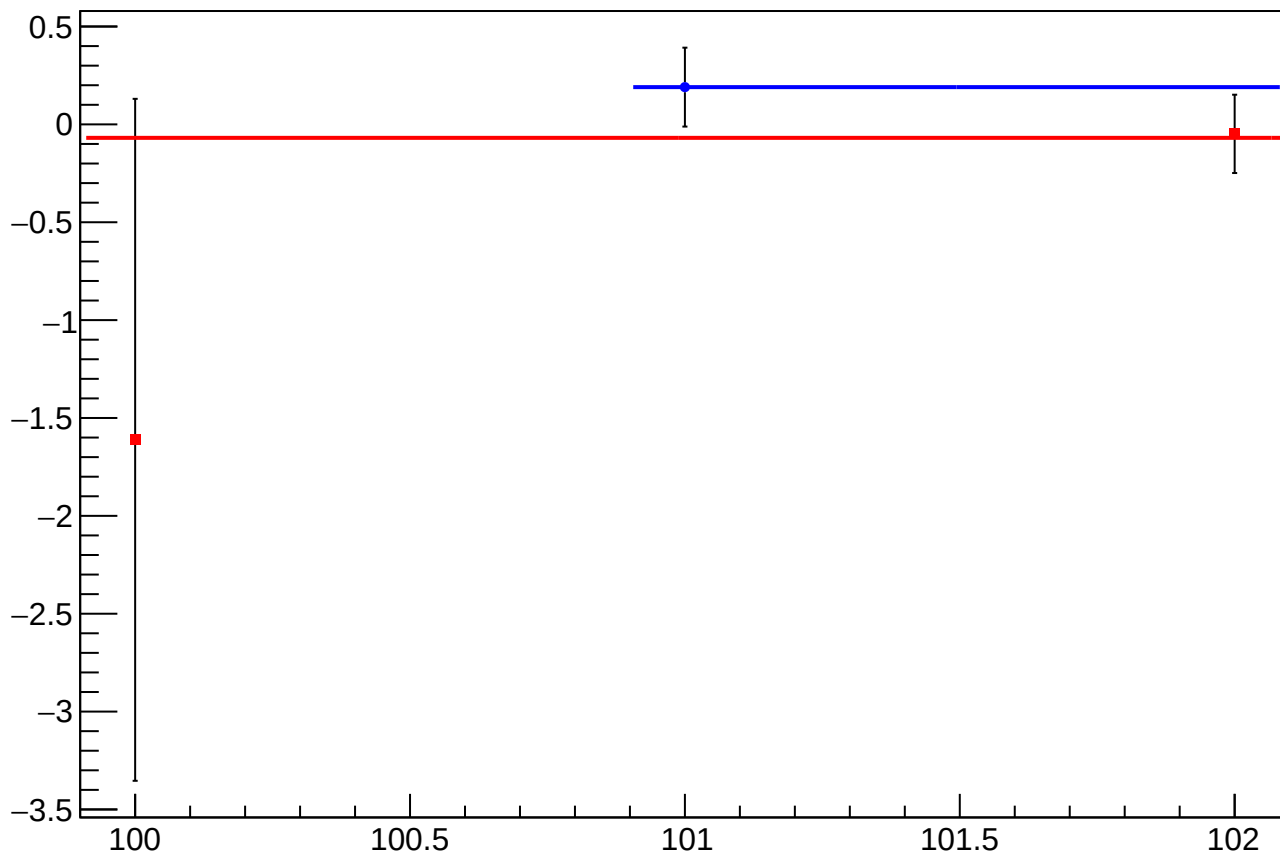
Right: 132.143 $\pm$ 0.100 χ^2 /NDF: 140593.5/2

In: 156.572 $\pm$ 0.143 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 132.143 $\pm$ 0.100 χ^2 /NDF: 140593.5/2

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.190+/-0.202 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.069+/-0.199 χ^2/NDF : 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

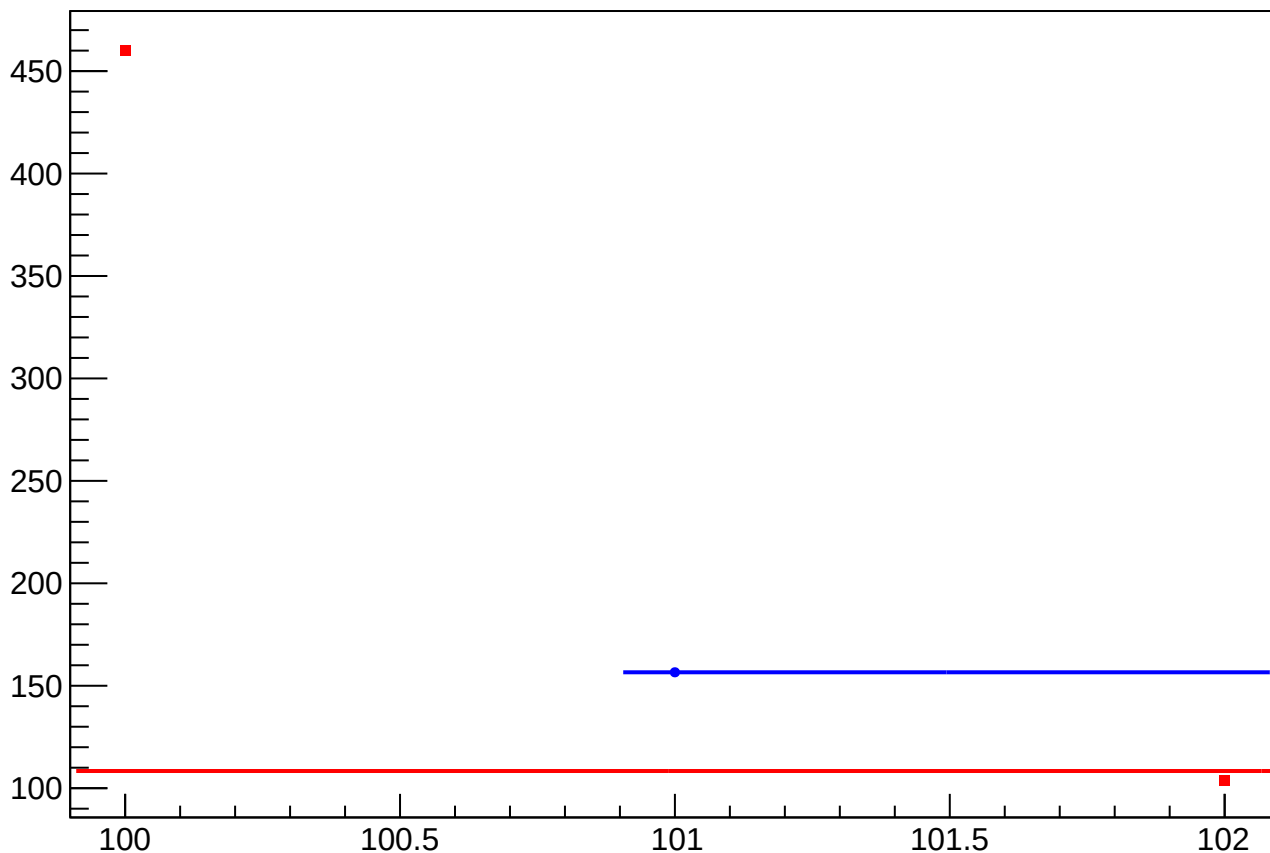
Right: 0.059+/-0.142 χ^2/NDF : 1.6/2

In: 0.190+/-0.202 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.059+/-0.142 χ^2/NDF : 1.6/2

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 156.572 $\pm$ 0.143 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 108.391 $\pm$ 0.141 χ^2 /NDF: 82650.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

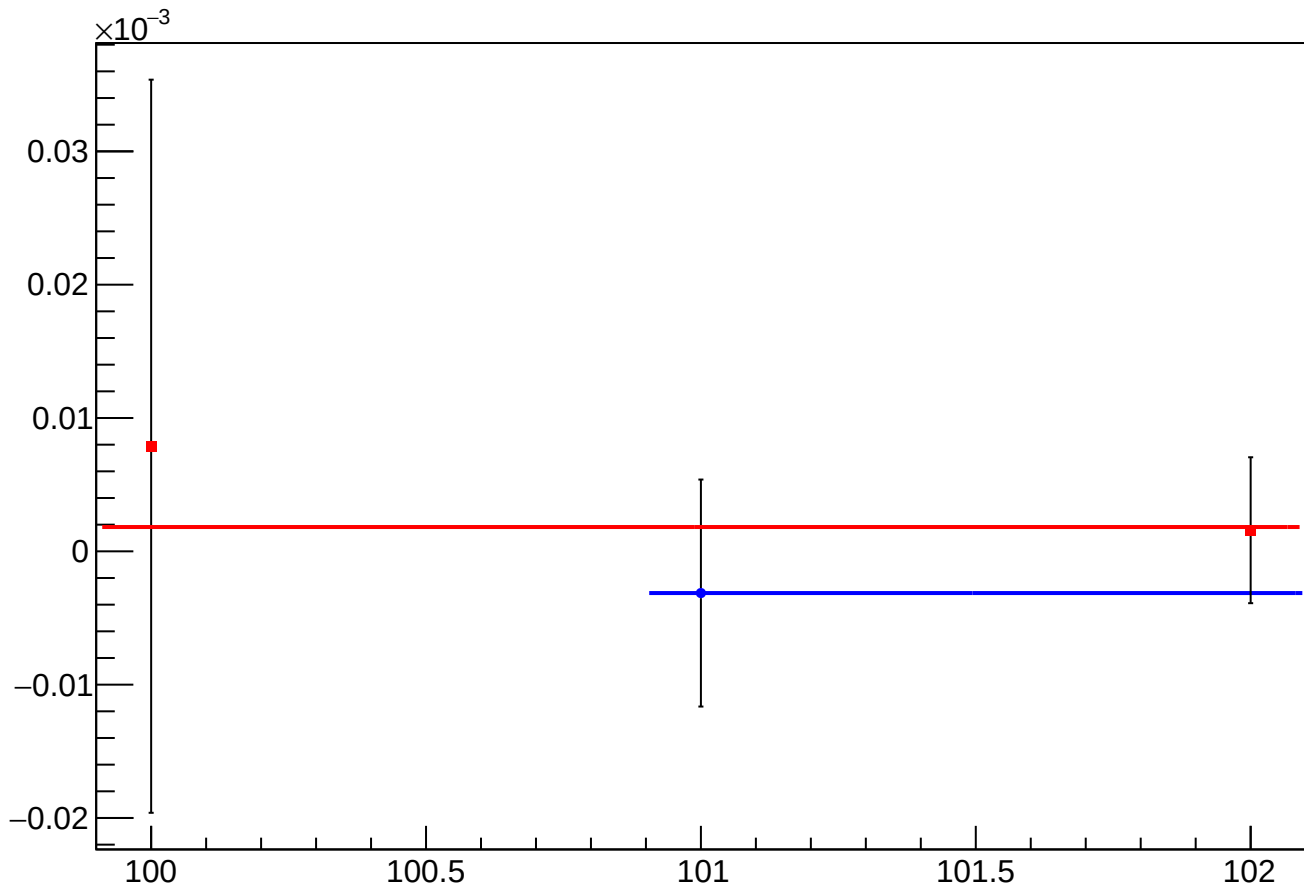
Right: 132.143 $\pm$ 0.100 χ^2 /NDF: 140593.5/2

In: 156.572 $\pm$ 0.143 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 132.143 $\pm$ 0.100 χ^2 /NDF: 140593.5/2

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

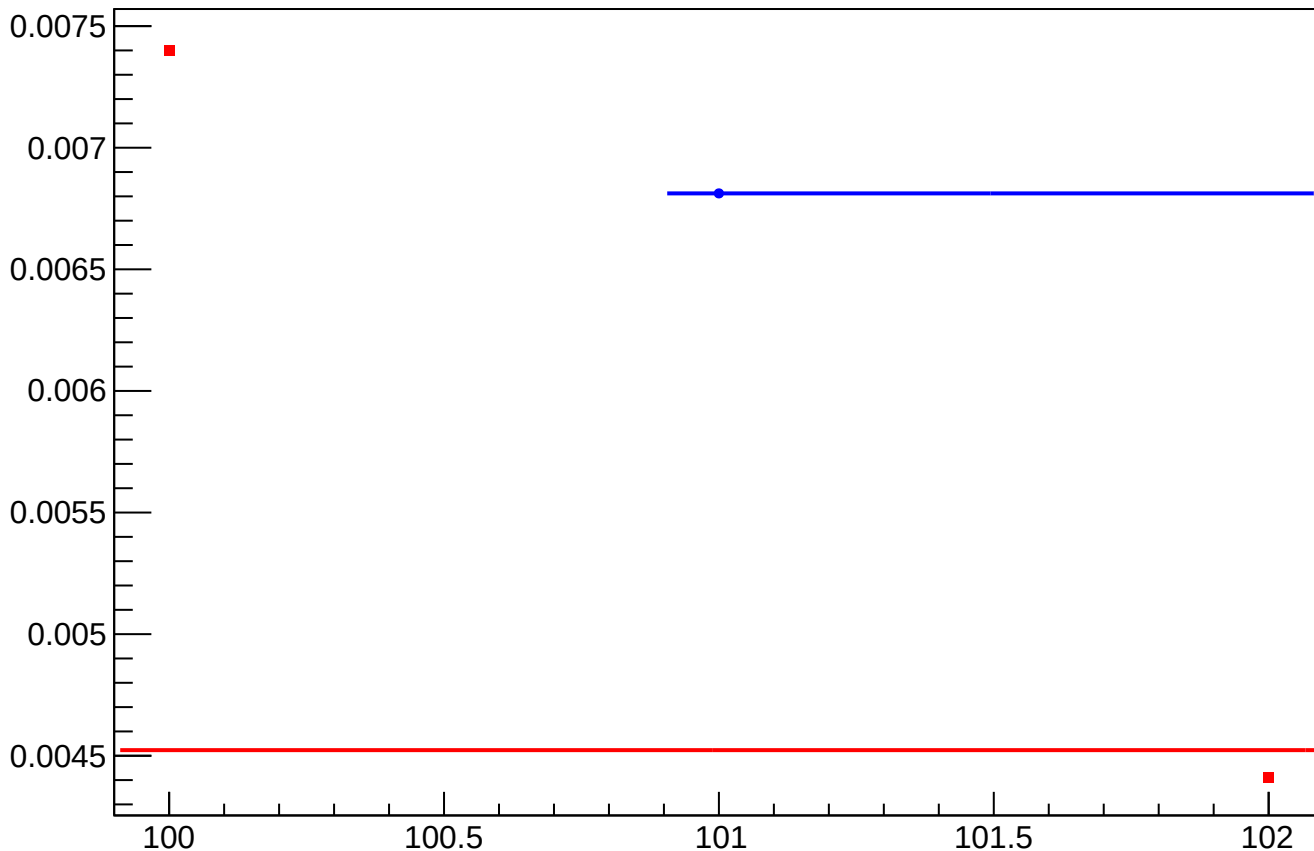
Right: 0.000+/-0.000 χ^2/NDF : 0.3/2

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 : 0.3/2

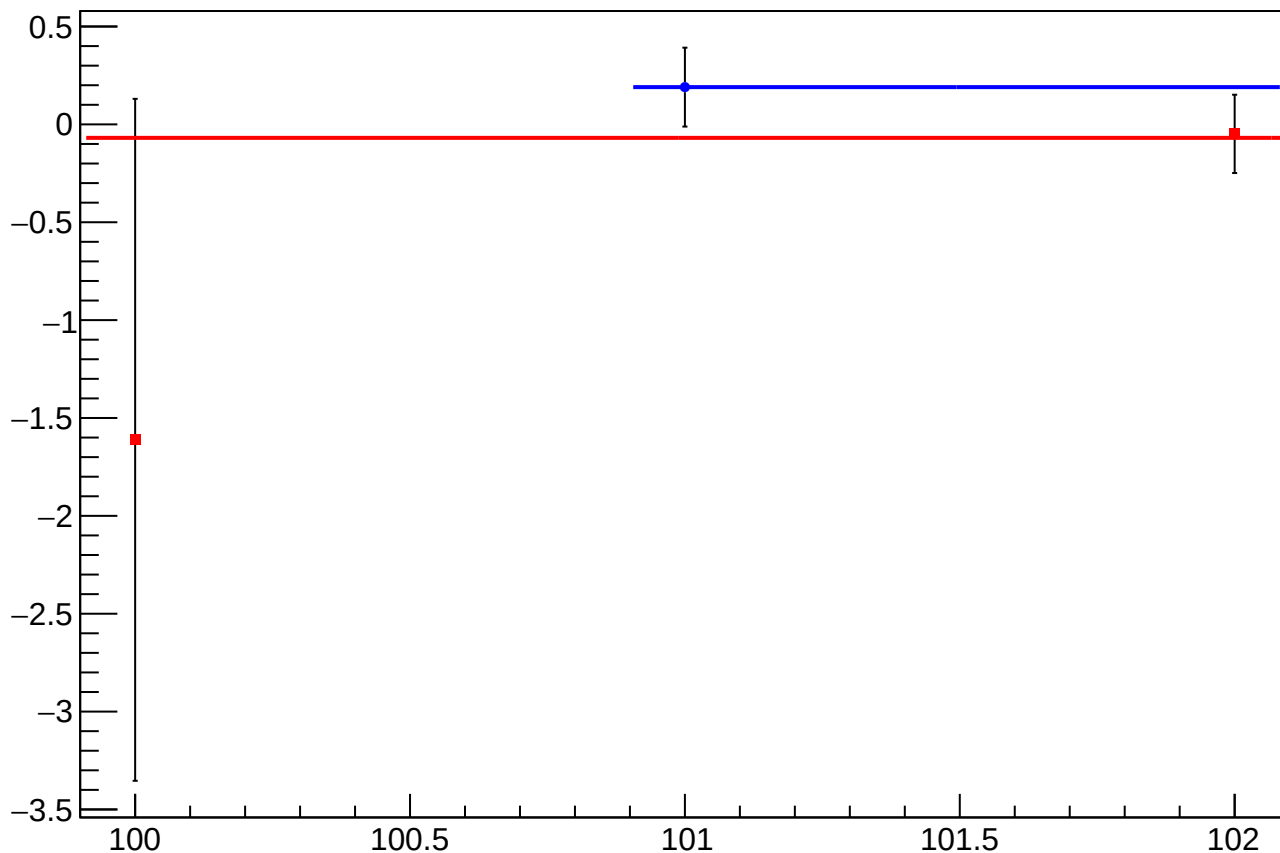
asym_usl_atl2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.005+/-0.000 χ^2/NDF : 22767.4/1
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.005+/-0.000 χ^2/NDF : 126244.1/2
 In: 0.007+/-0.000 χ^2/NDF : 0.0/0
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.005+/-0.000 χ^2/NDF : 126244.1/2

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.190+/-0.202 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.069+/-0.199 χ^2/NDF : 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

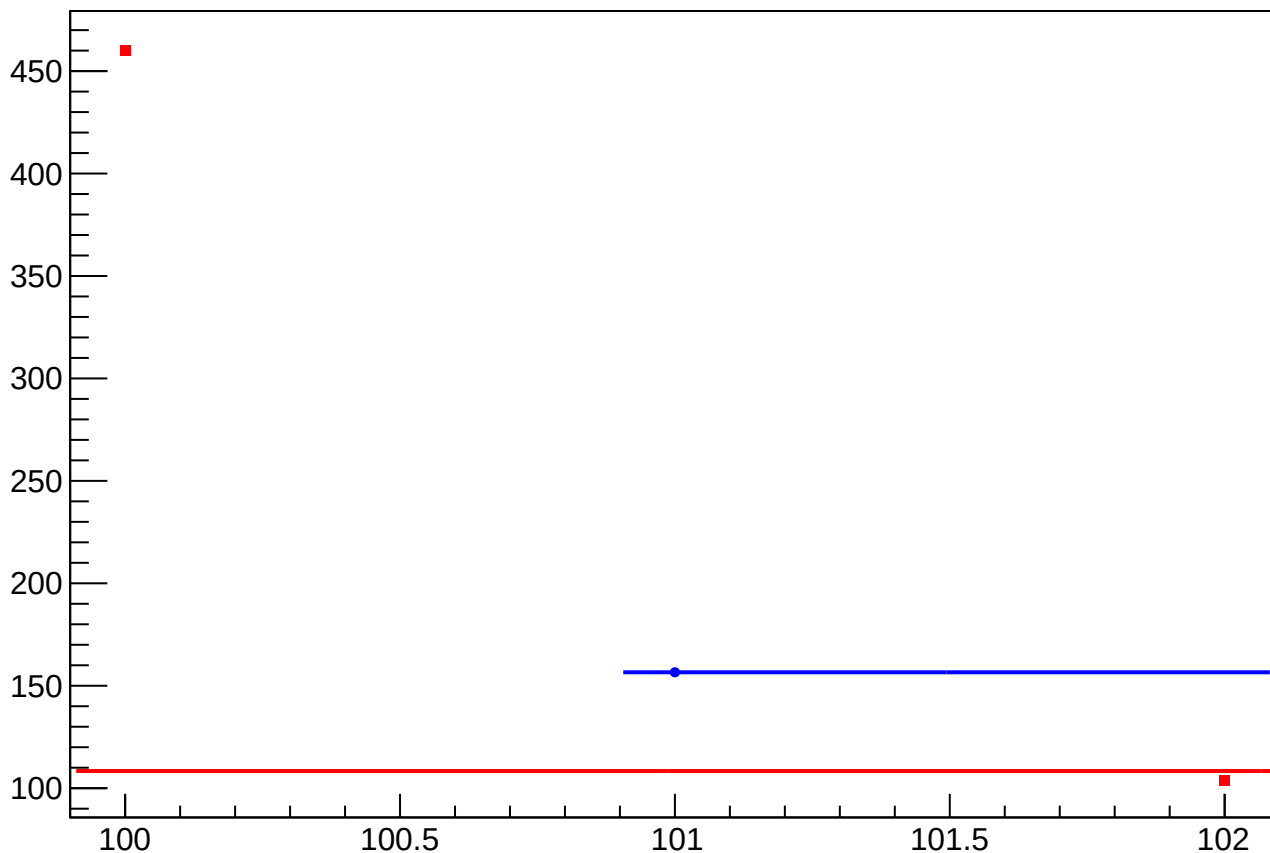
Right: 0.059+/-0.142 χ^2/NDF : 1.6/2

In: 0.190+/-0.202 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.059+/-0.142 χ^2/NDF : 1.6/2

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 156.568 $\pm$ 0.143 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 108.394 $\pm$ 0.141 χ^2 /NDF: 82648.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

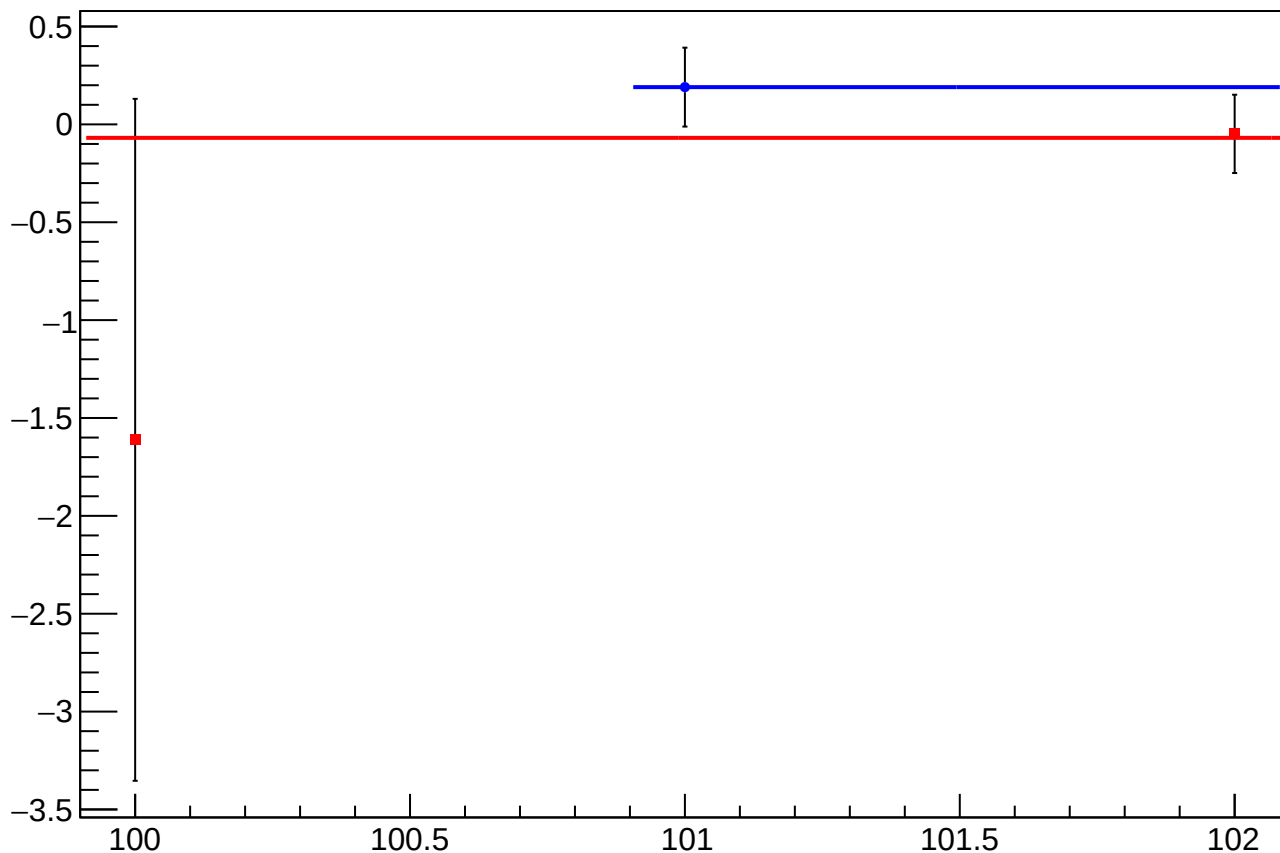
Right: 132.143 $\pm$ 0.100 χ^2 /NDF: 140577.6/2

In: 156.568 $\pm$ 0.143 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 132.143 $\pm$ 0.100 χ^2 /NDF: 140577.6/2

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.190+/-0.202 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.069+/-0.199 χ^2/NDF : 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

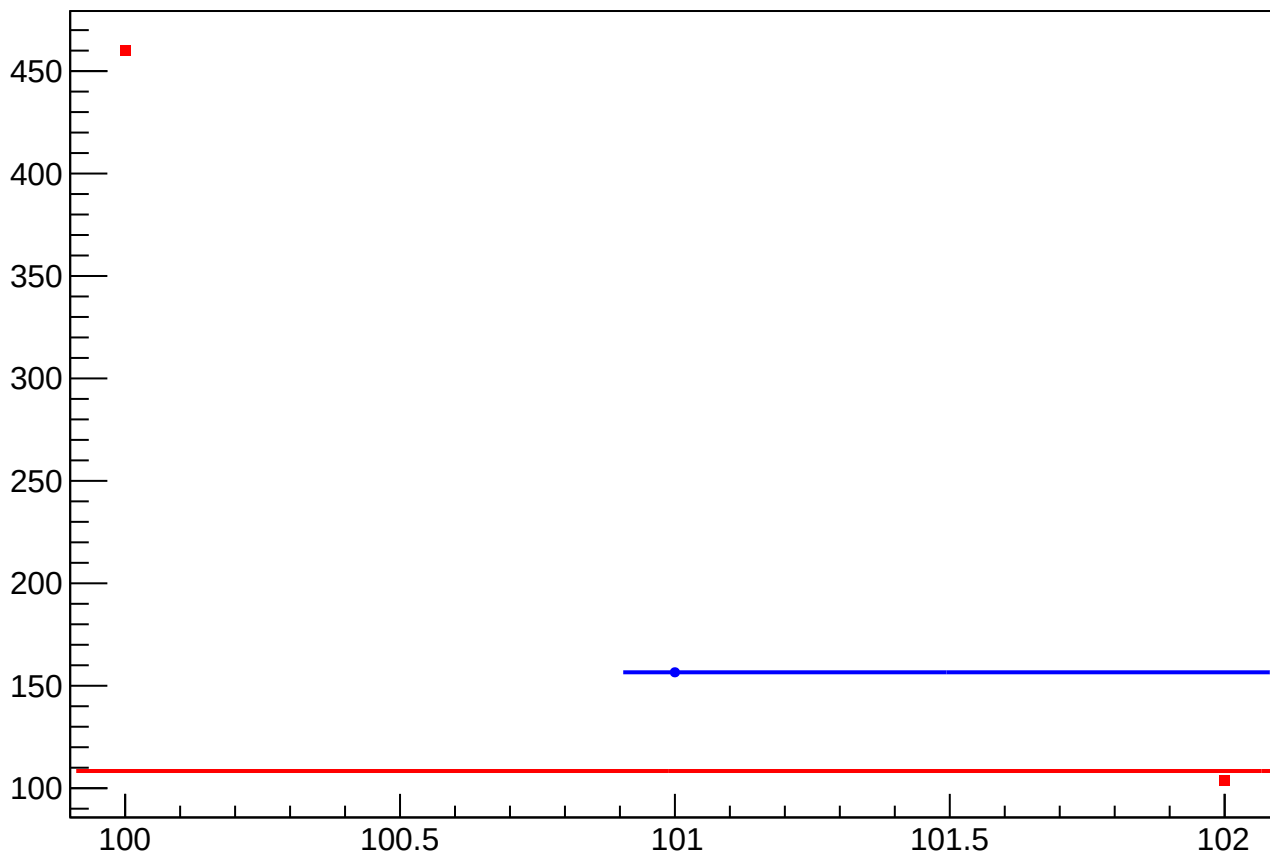
Right: 0.059+/-0.142 χ^2/NDF : 1.6/2

In: 0.190+/-0.202 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.059+/-0.142 χ^2/NDF : 1.6/2

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 156.568 $\pm$ 0.143 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 108.394 $\pm$ 0.141 χ^2 /NDF: 82648.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

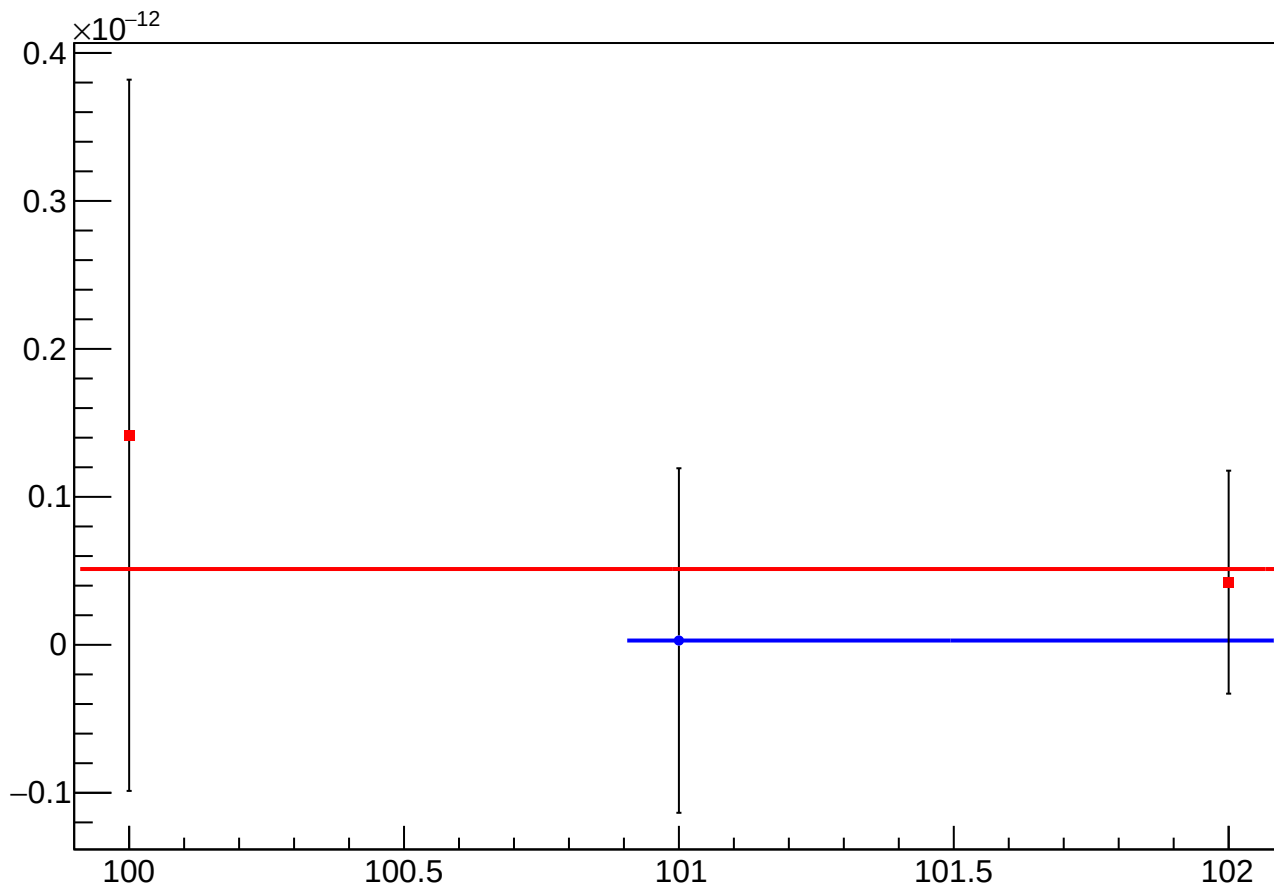
Right: 132.143 $\pm$ 0.100 χ^2 /NDF: 140577.6/2

In: 156.568 $\pm$ 0.143 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 132.143 $\pm$ 0.100 χ^2 /NDF: 140577.6/2

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

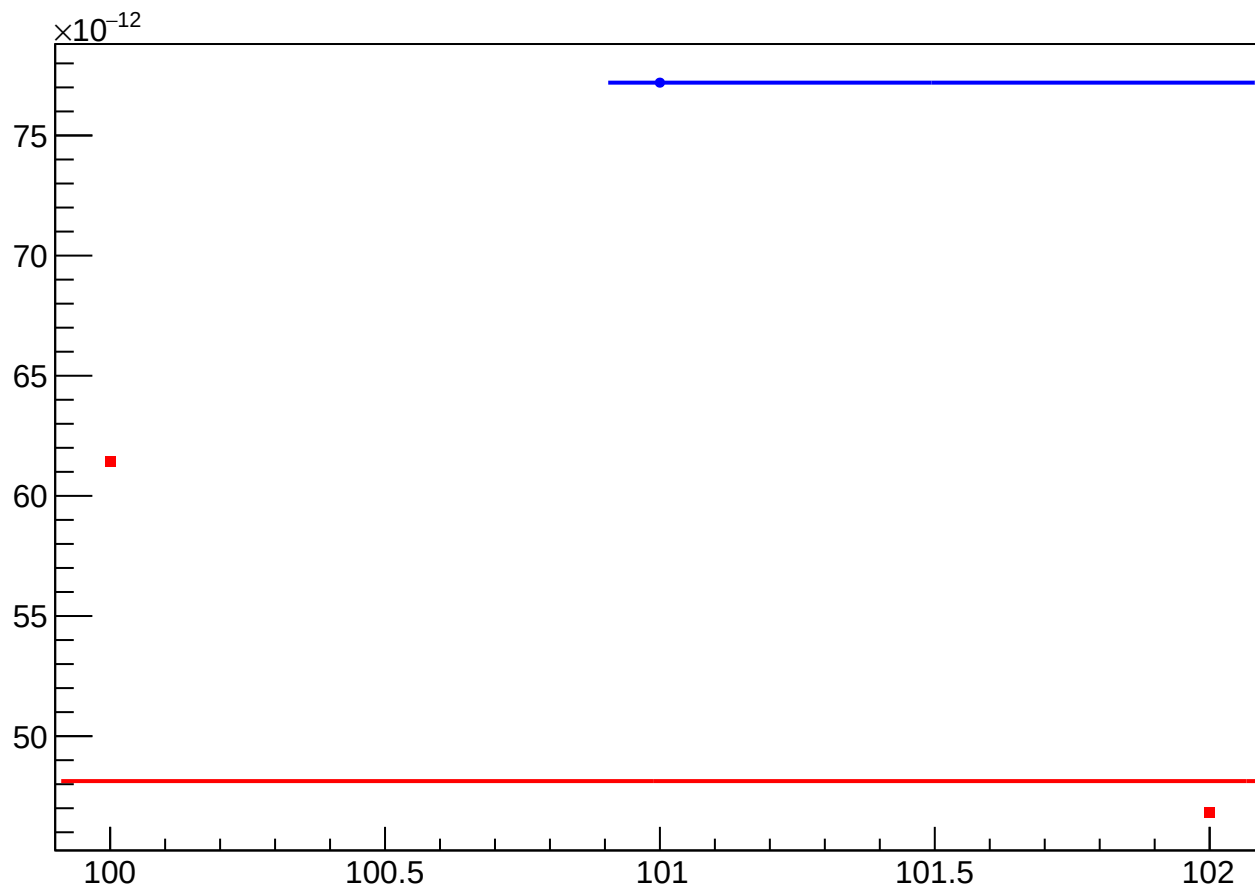
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.3/2

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.3/2

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_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 : 6734.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

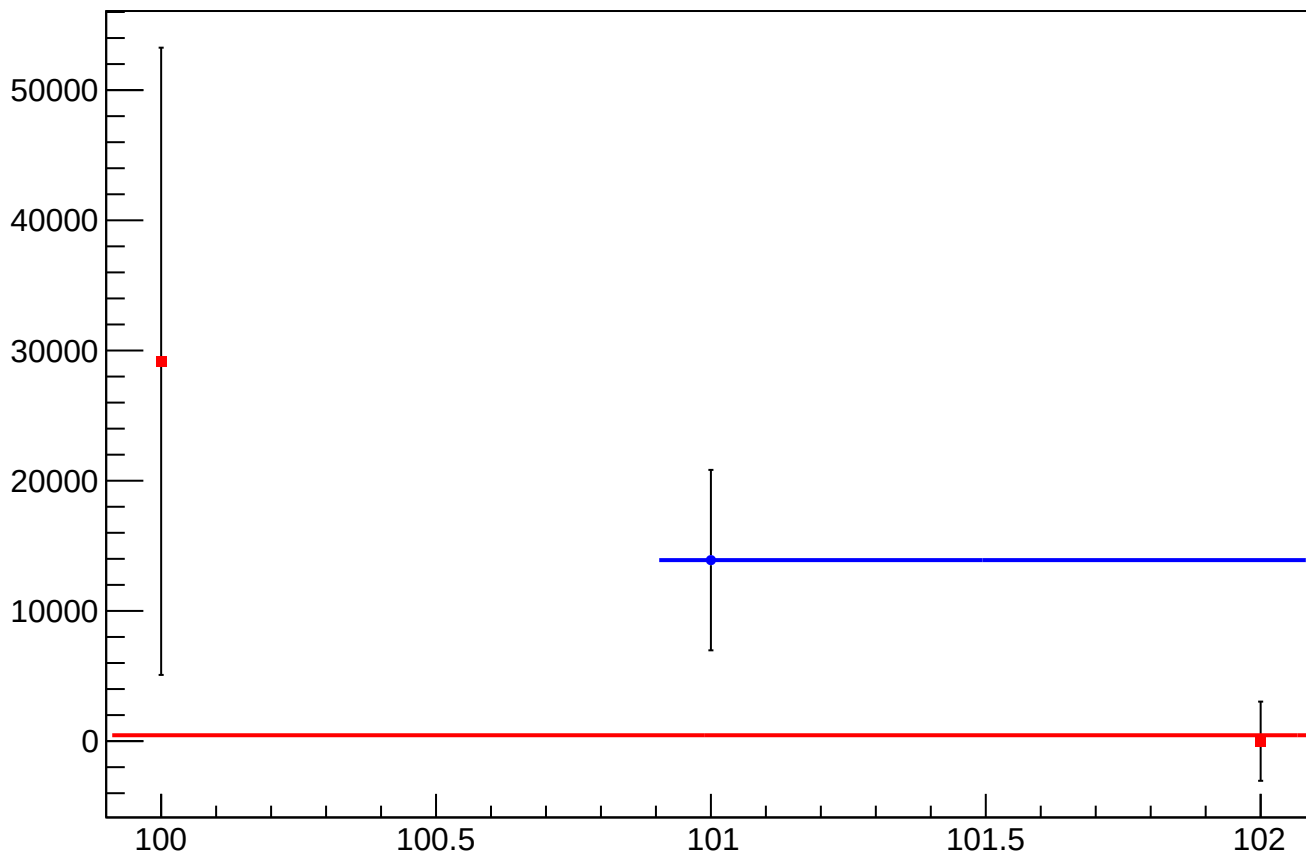
Right: 0.000+/-0.000 χ^2/NDF : 96994.1/2

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 : 96994.1/2

reg_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 13902.249+/-6928.786 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 451.445+/-3016.818 χ^2/NDF : 1.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

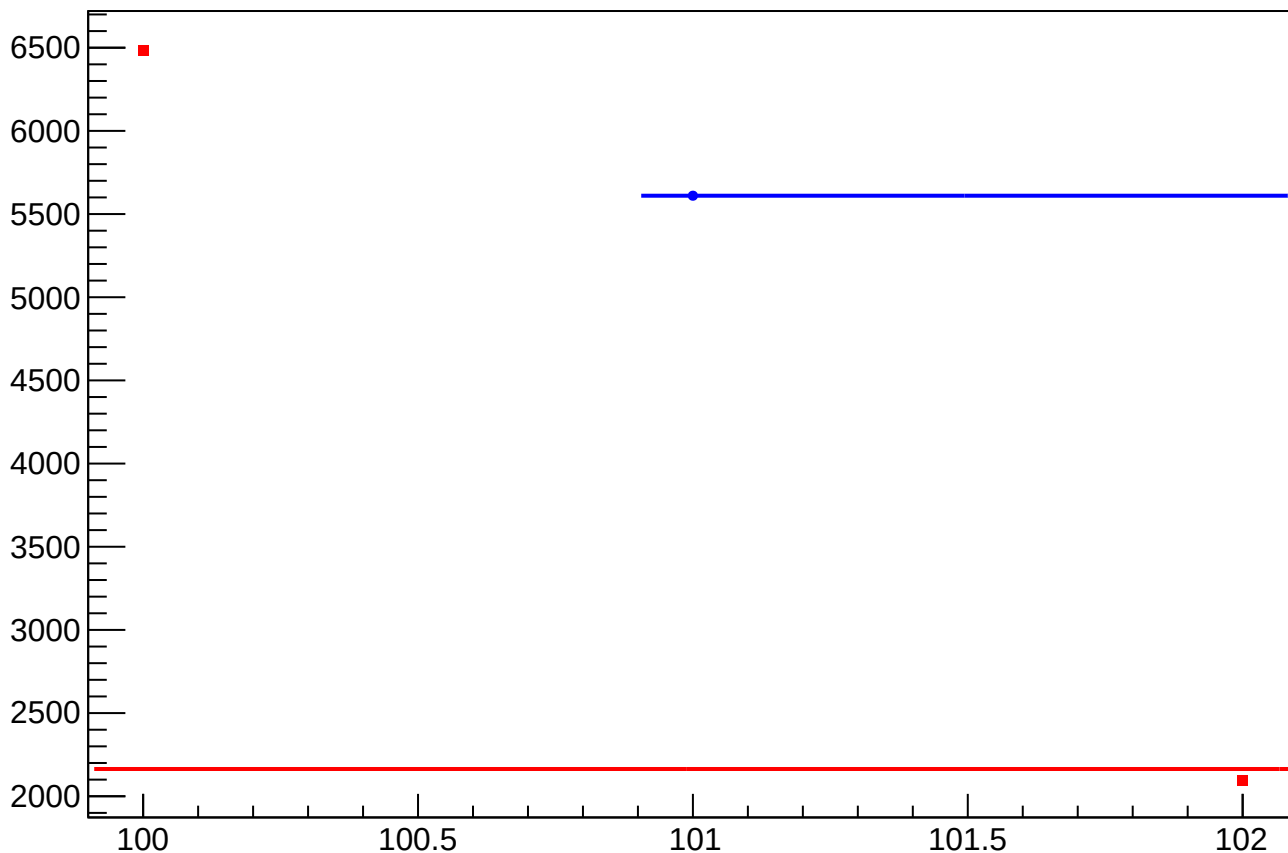
Right: 2595.026+/-2766.005 χ^2/NDF : 4.6/2

In: 13902.249+/-6928.786 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2595.026+/-2766.005 χ^2/NDF : 4.6/2

reg_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 5610.292 $\pm$ 4.899 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2163.918 $\pm$ 2.133 χ^2 /NDF: 65335.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

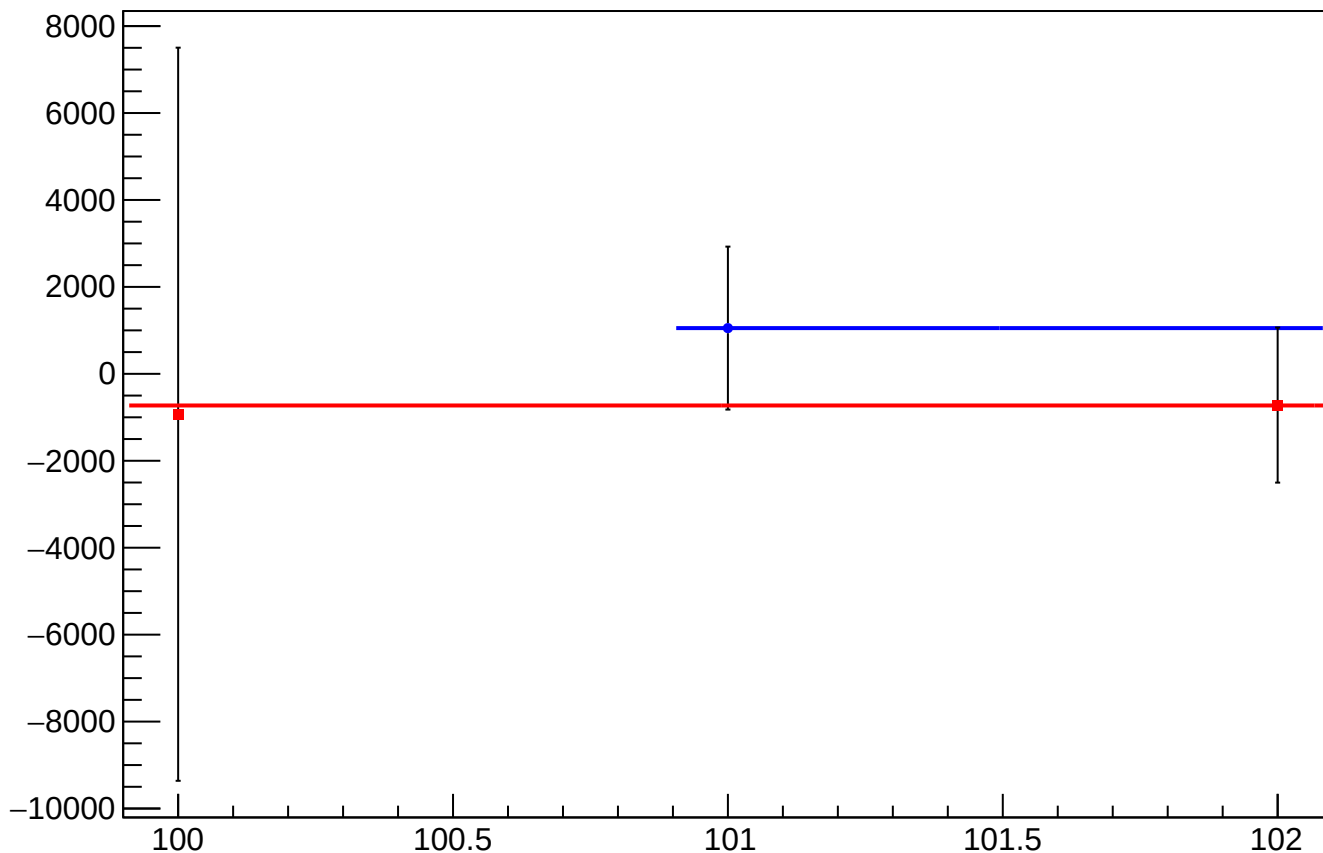
Right: 2713.106 $\pm$ 1.956 χ^2 /NDF: 481297.8/2

In: 5610.292 $\pm$ 4.899 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2713.106 $\pm$ 1.956 χ^2 /NDF: 481297.8/2

asym_usr_atr1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 1052.116+/-1874.362 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -727.903+/-1744.932 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

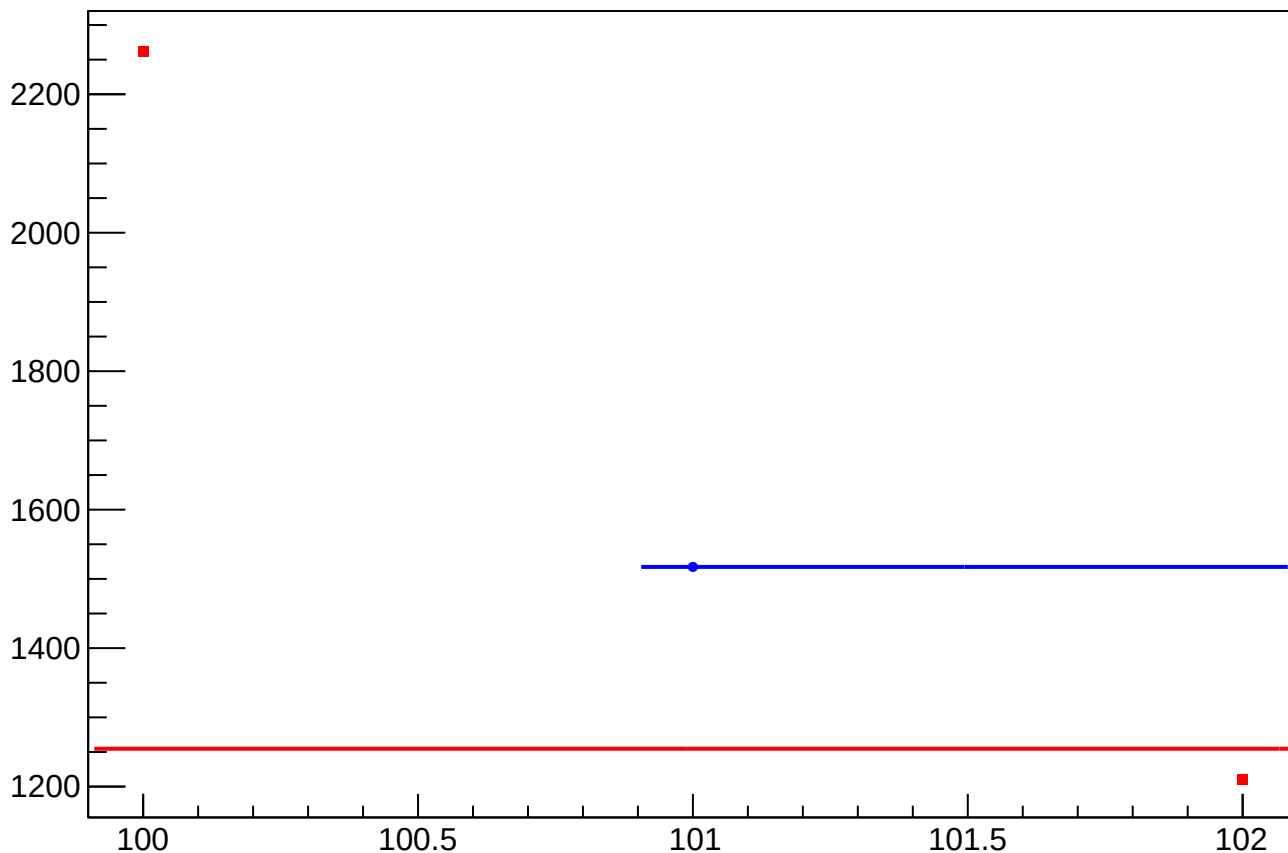
Right: 98.532+/-1277.161 χ^2/NDF : 0.5/2

In: 1052.116+/-1874.362 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.532+/-1277.161 χ^2/NDF : 0.5/2

asym_usr_atr1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1517.306 $\pm$ 1.325 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1254.662 $\pm$ 1.234 χ^2/NDF : 29775.7/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

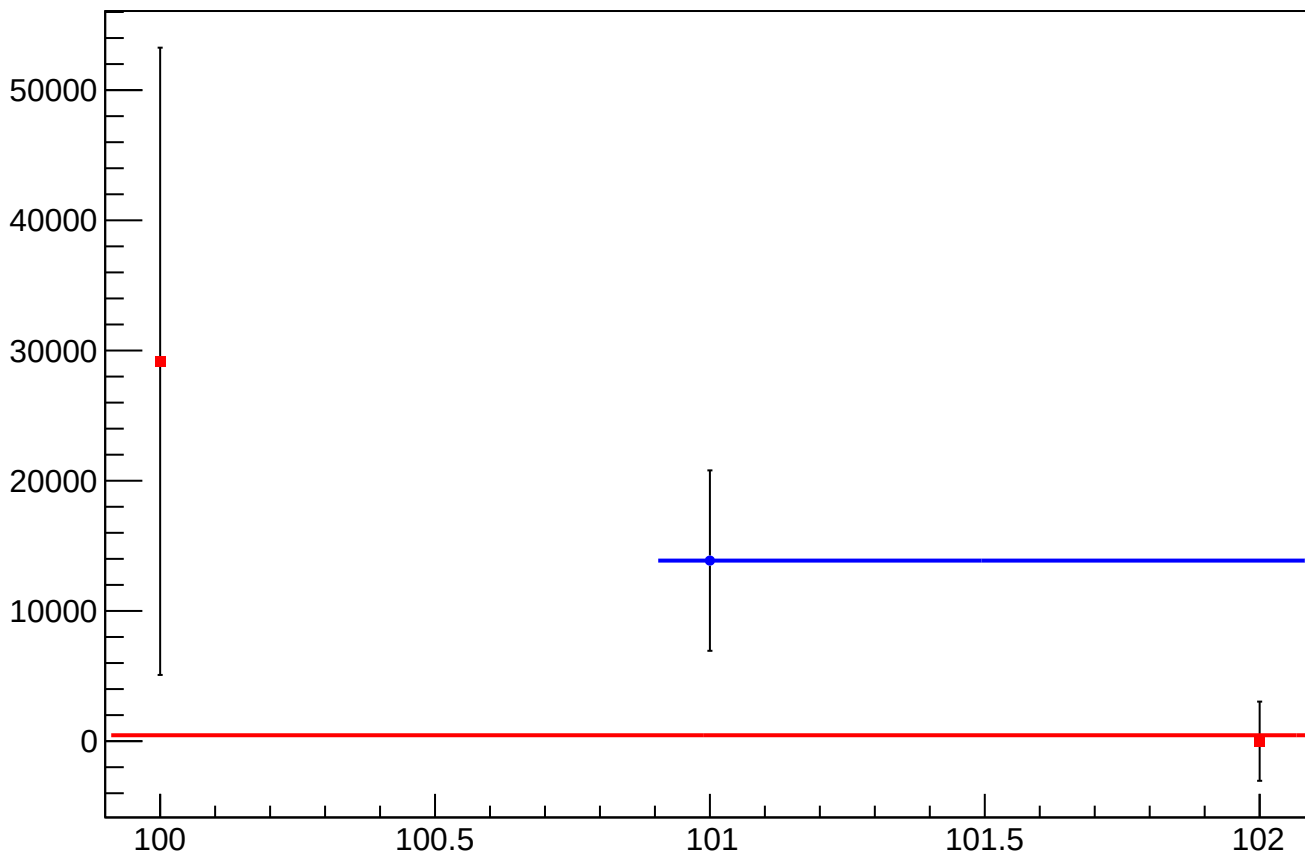
Right: 1376.604 $\pm$ 0.903 χ^2/NDF : 50813.1/2

In: 1517.306 $\pm$ 1.325 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1376.604 $\pm$ 0.903 χ^2/NDF : 50813.1/2

cor_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 13866.795+/-6928.815 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 453.595+/-3016.819 χ^2/NDF : 1.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

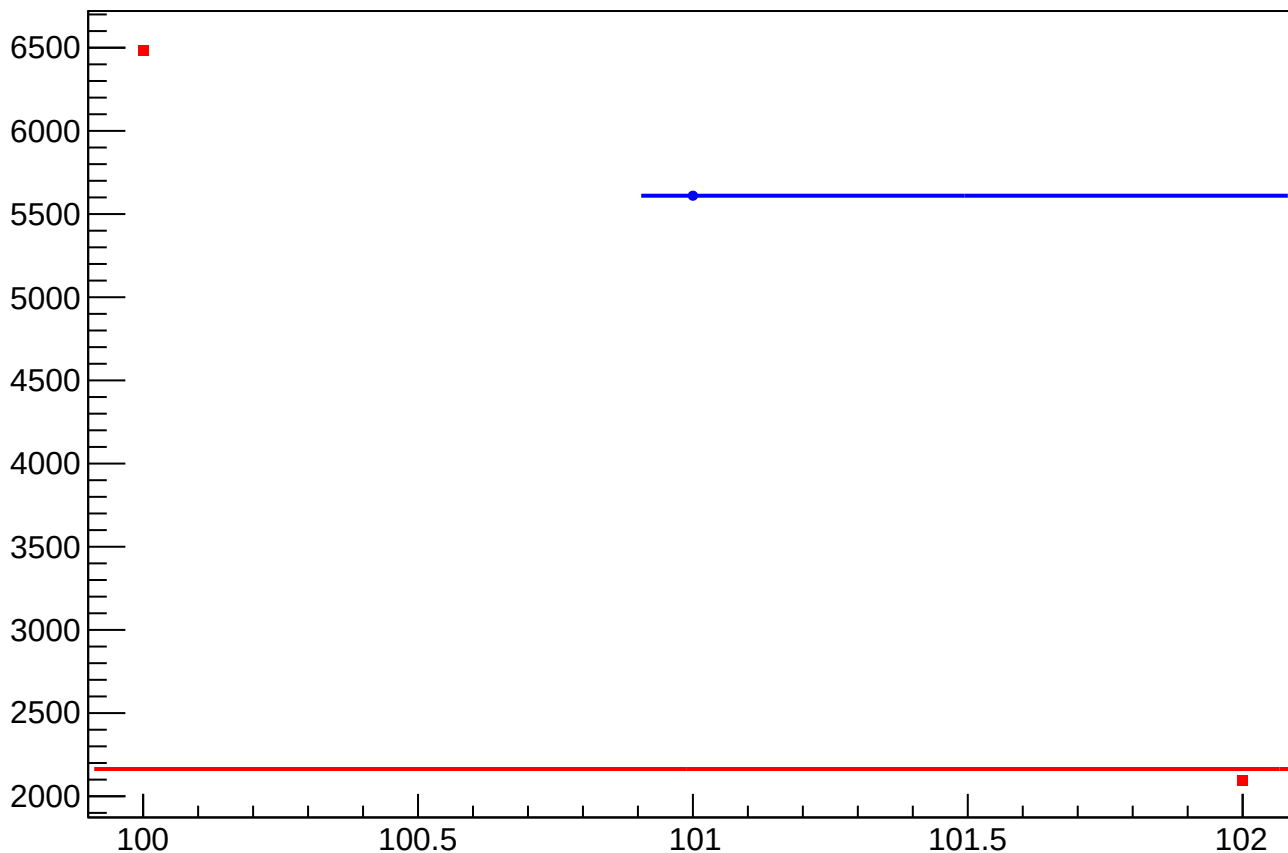
Right: 2591.169+/-2766.008 χ^2/NDF : 4.6/2

In: 13866.795+/-6928.815 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2591.169+/-2766.008 χ^2/NDF : 4.6/2

cor_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 5610.308+/-4.899 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2163.914+/-2.133 χ^2/NDF : 65335.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

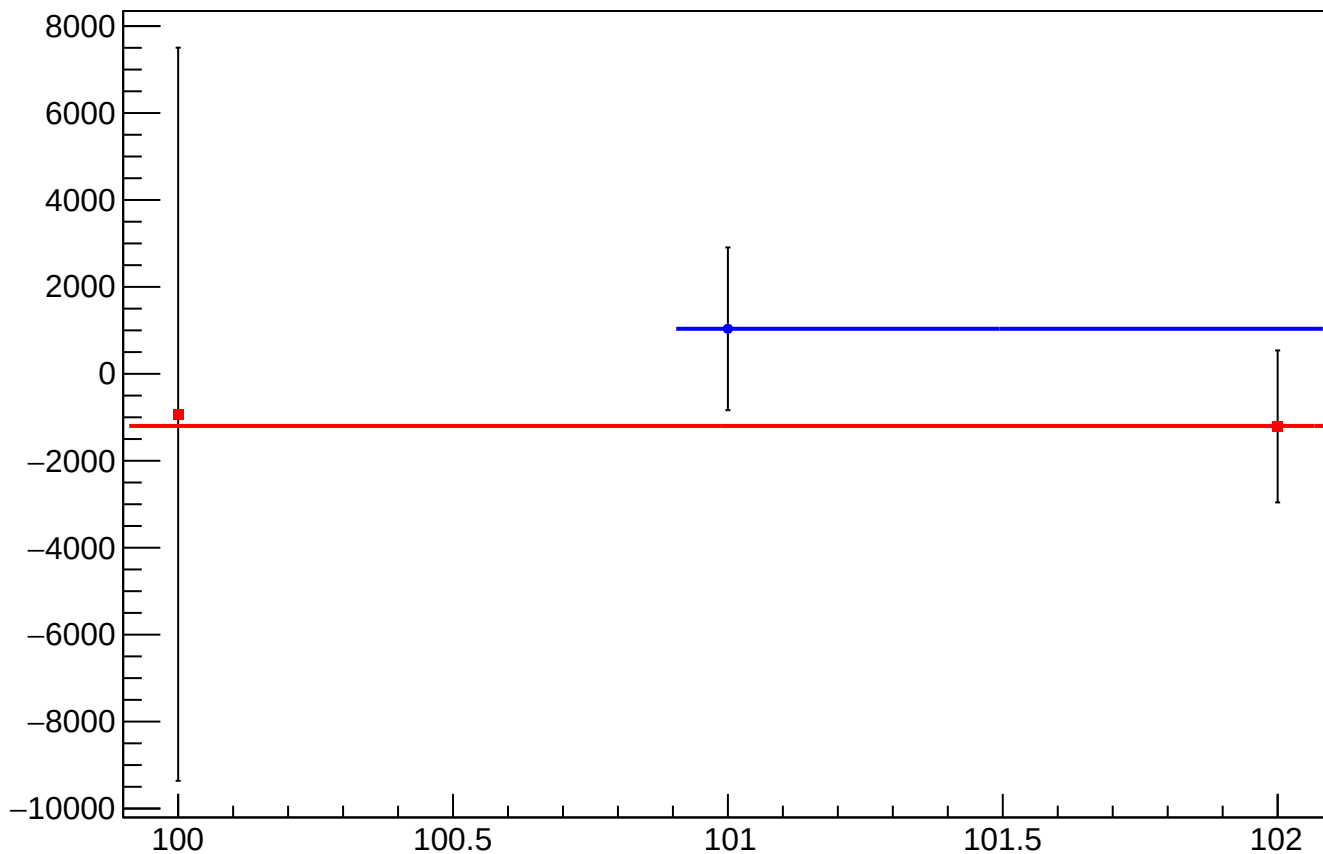
Right: 2713.102+/-1.956 χ^2/NDF : 481299.7/2

In: 5610.308+/-4.899 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2713.102+/-1.956 χ^2/NDF : 481299.7/2

asym_usr_atr1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 1036.351+/-1871.819 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1198.146+/-1711.639 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

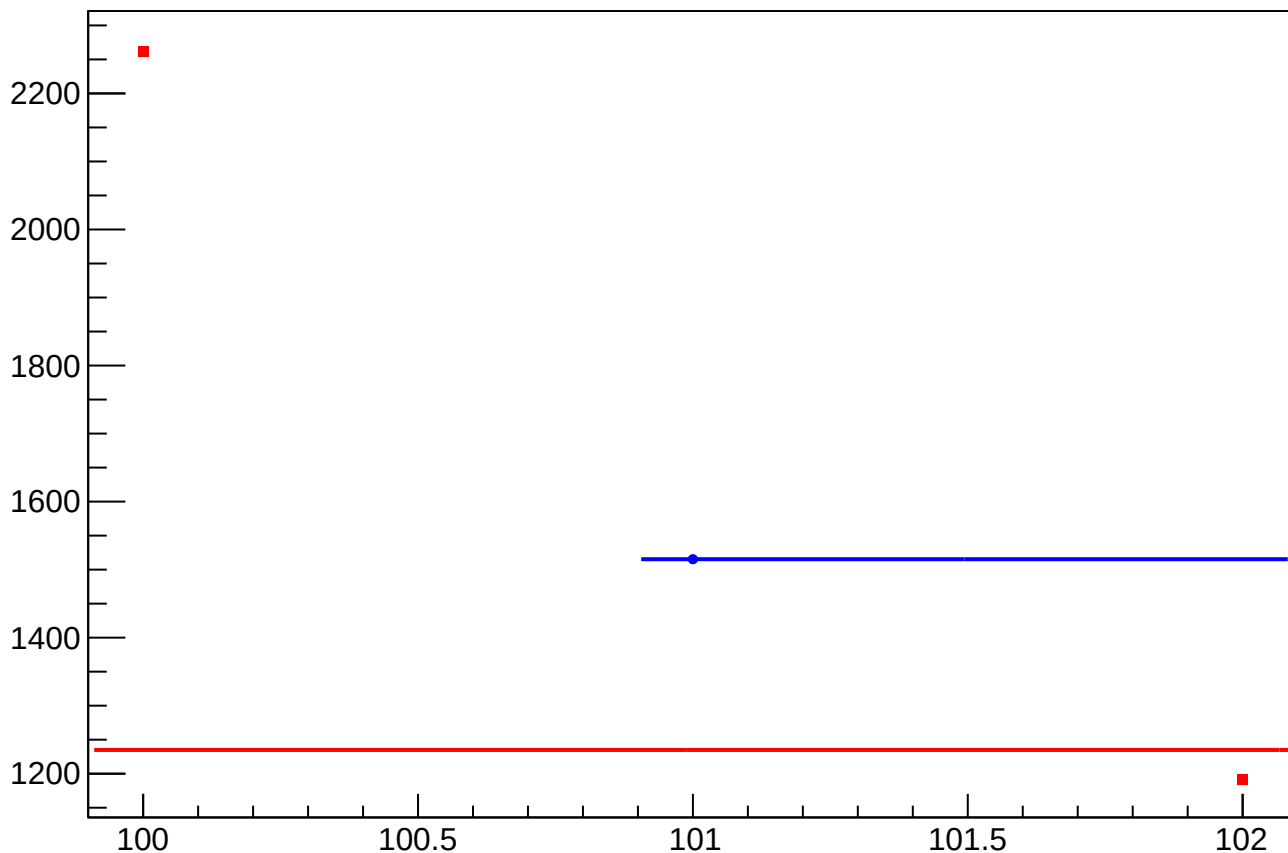
Right: -180.579+/-1263.151 χ^2/NDF : 0.8/2

In: 1036.351+/-1871.819 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -180.579+/-1263.151 χ^2/NDF : 0.8/2

asym_usr_atr1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1515.303+/-1.324 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1234.902+/-1.210 χ^2/NDF : 30903.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

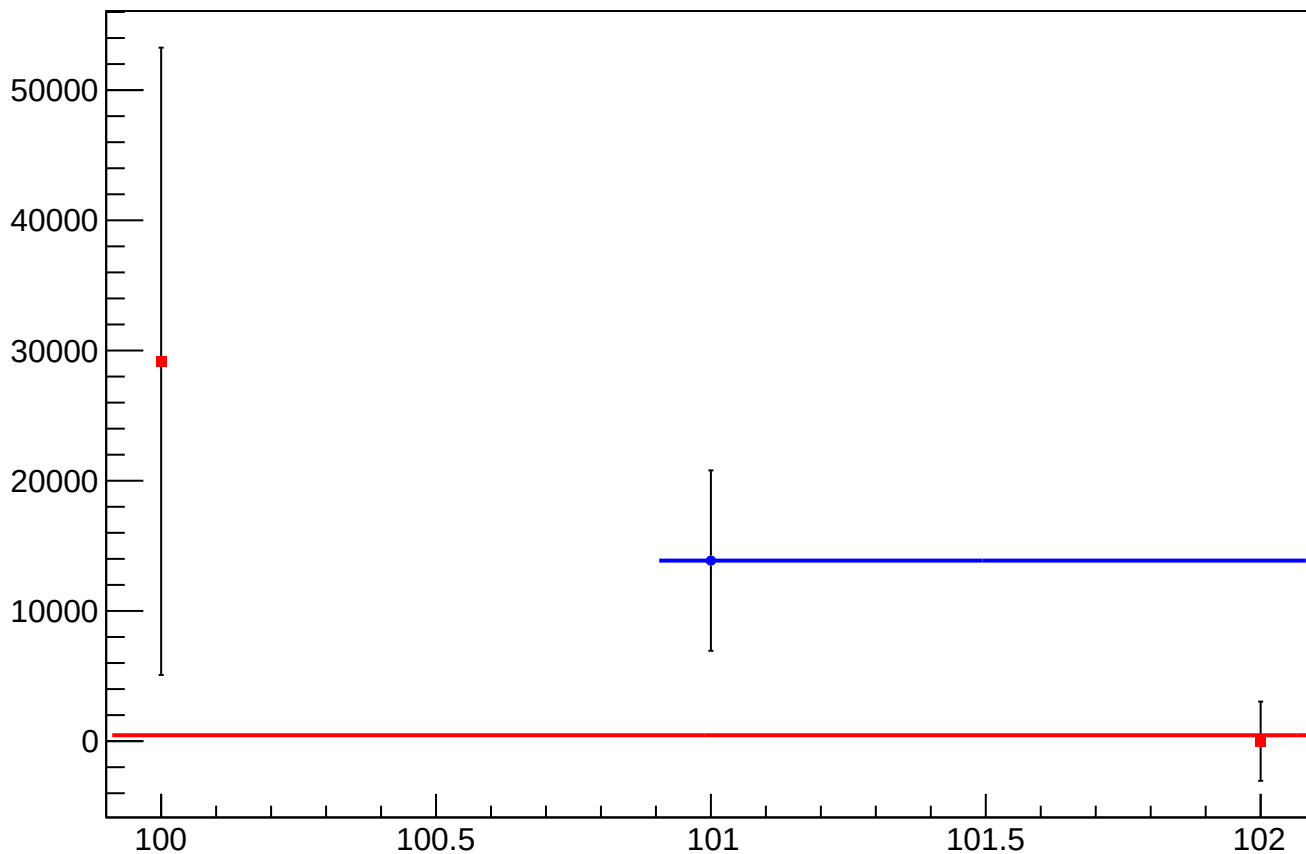
Right: 1362.594+/-0.893 χ^2/NDF : 55346.7/2

In: 1515.303+/-1.324 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1362.594+/-0.893 χ^2/NDF : 55346.7/2

eigen_cor_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 13866.795+/-6928.815 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 453.595+/-3016.819 χ^2/NDF : 1.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

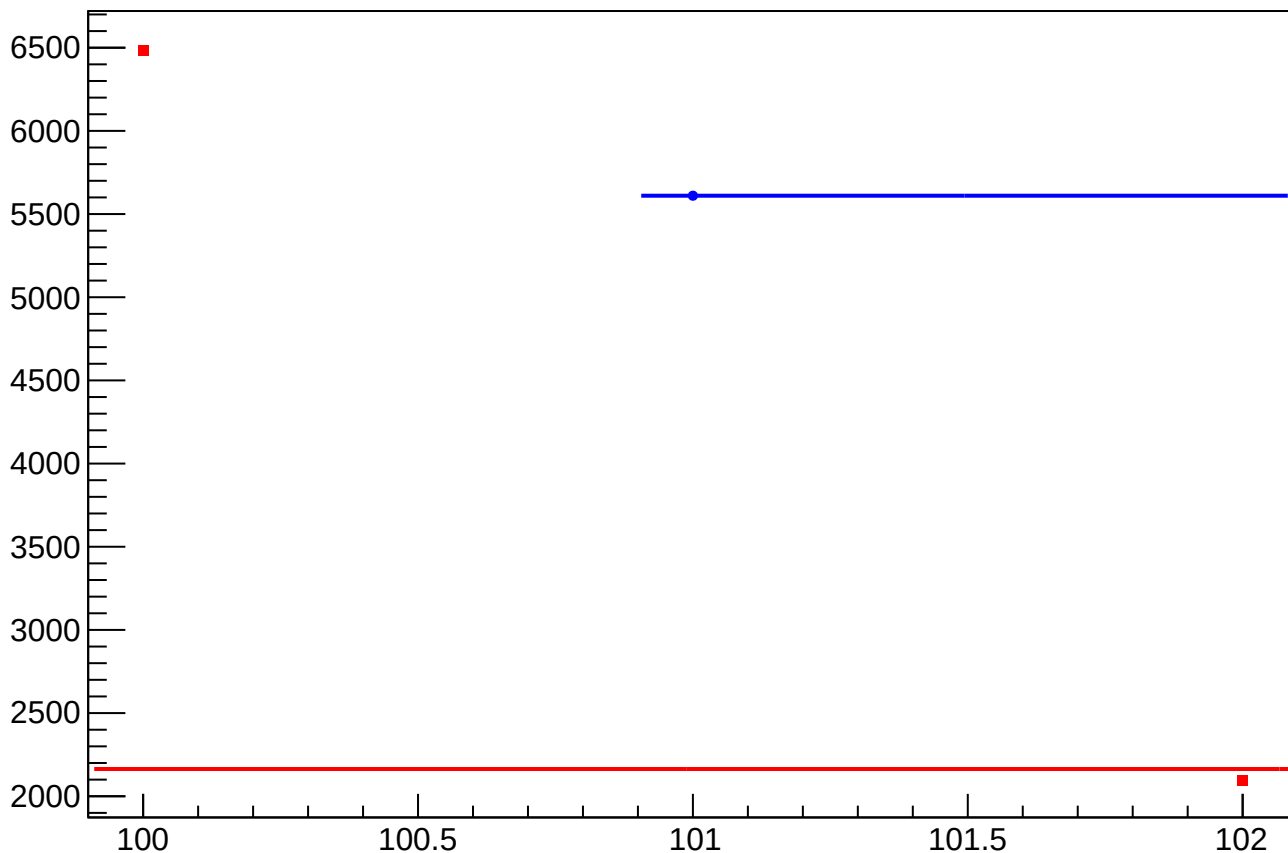
Right: 2591.169+/-2766.008 χ^2/NDF : 4.6/2

In: 13866.795+/-6928.815 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2591.169+/-2766.008 χ^2/NDF : 4.6/2

eigen_cor_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 5610.308 $\pm$ 4.899 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2163.914 $\pm$ 2.133 χ^2 /NDF: 65335.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

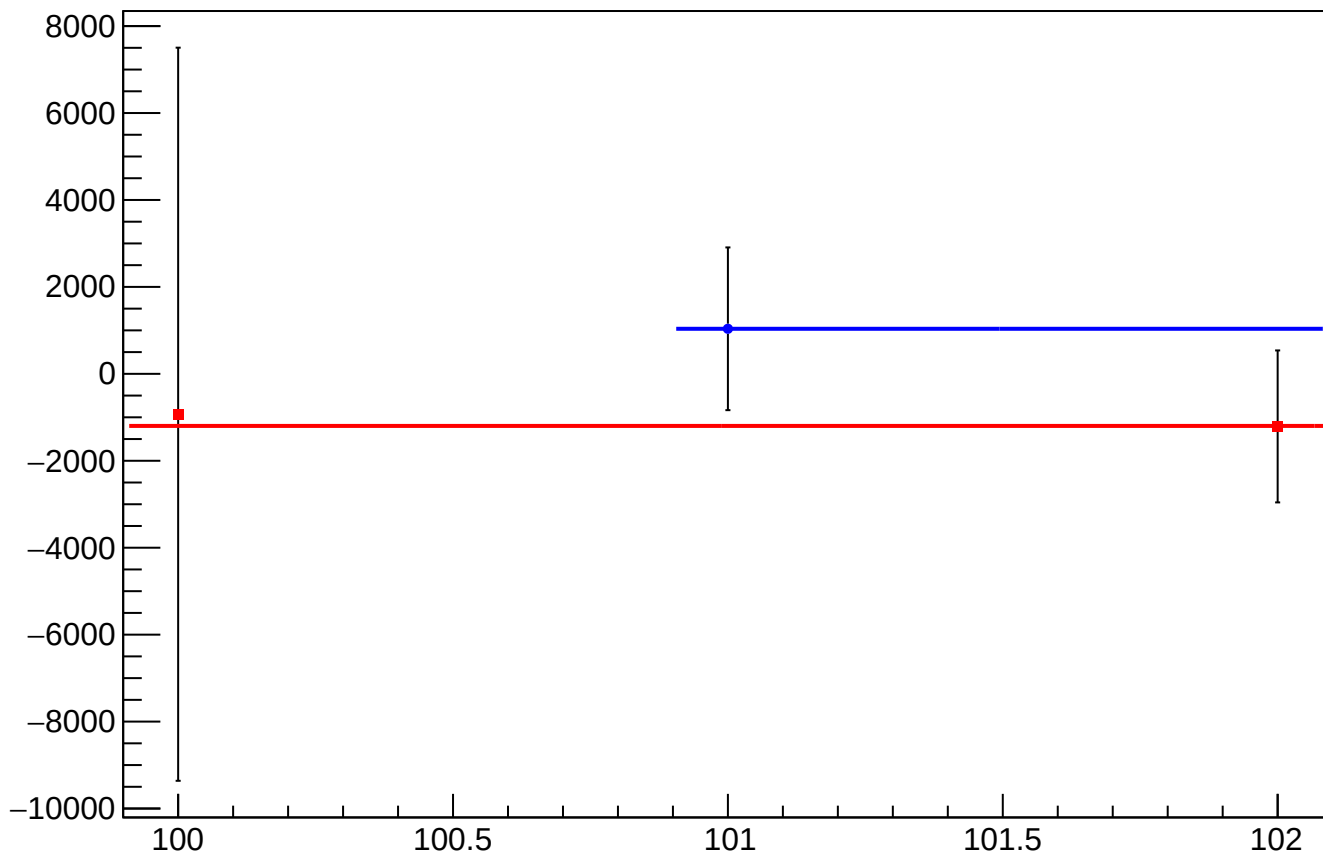
Right: 2713.102 $\pm$ 1.956 χ^2 /NDF: 481299.7/2

In: 5610.308 $\pm$ 4.899 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2713.102 $\pm$ 1.956 χ^2 /NDF: 481299.7/2

asym_usr_atr1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1036.351+/-1871.819 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1198.146+/-1711.639 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

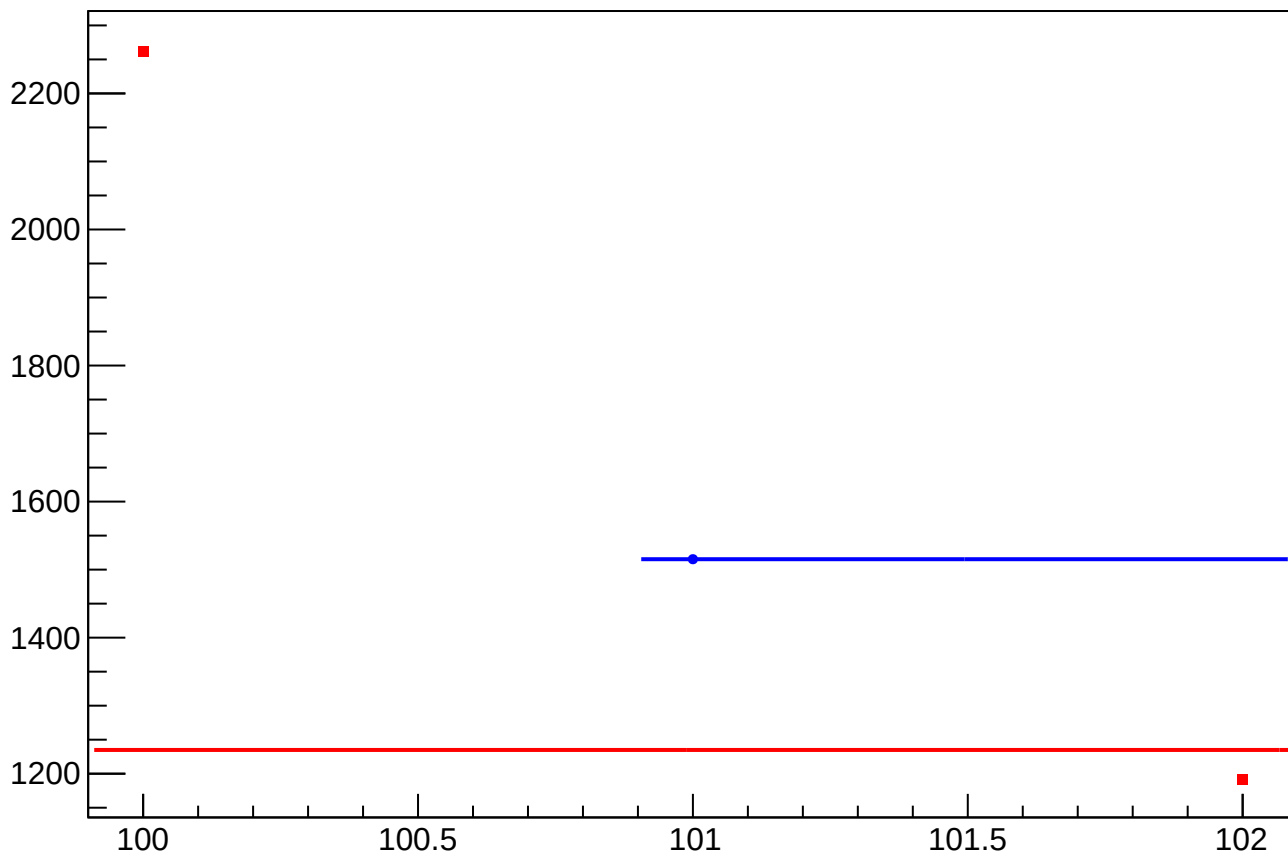
Right: -180.579+/-1263.151 χ^2/NDF : 0.8/2

In: 1036.351+/-1871.819 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -180.579+/-1263.151 χ^2/NDF : 0.8/2

asym_usr_atr1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1515.303+/-1.324 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1234.902+/-1.210 χ^2/NDF : 30903.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

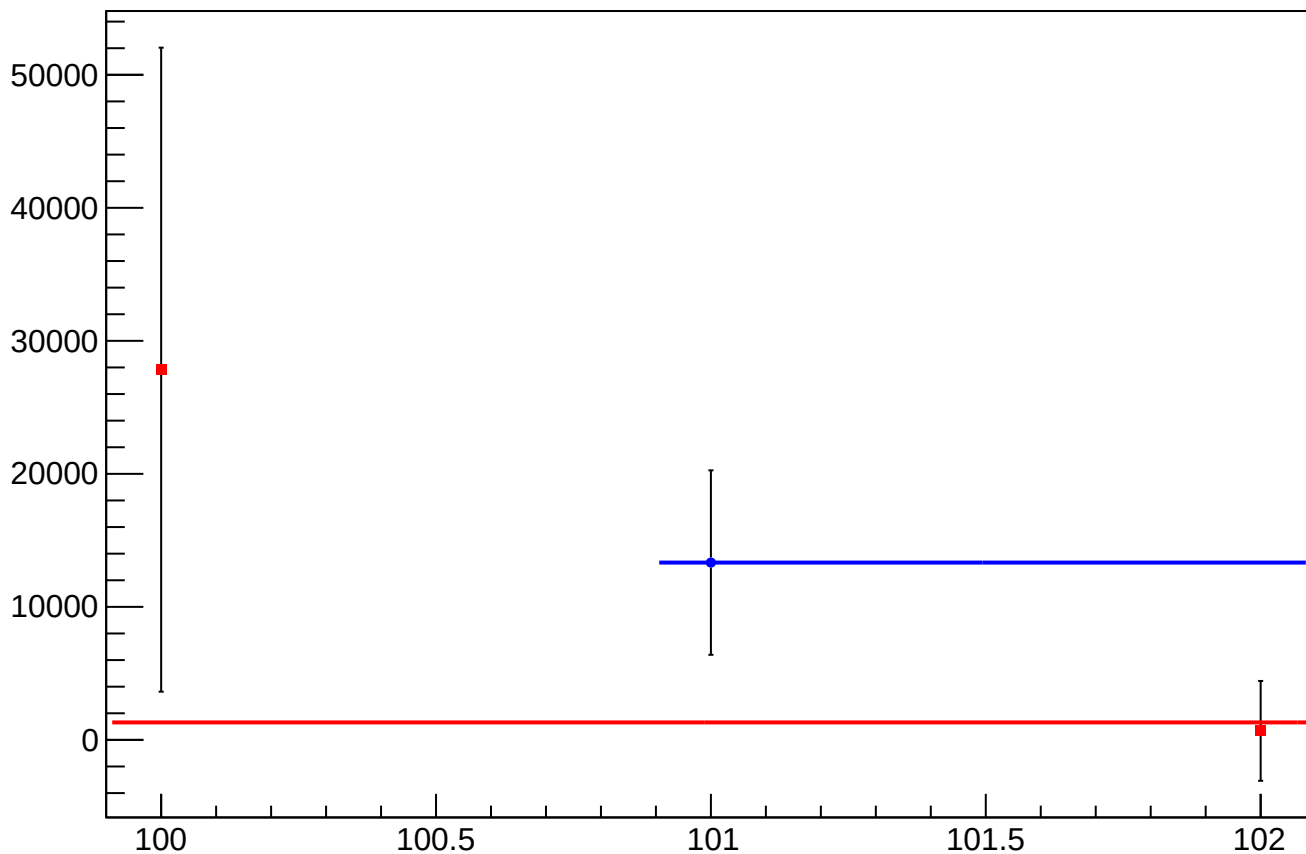
Right: 1362.594+/-0.893 χ^2/NDF : 55346.7/2

In: 1515.303+/-1.324 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1362.594+/-0.893 χ^2/NDF : 55346.7/2

dit_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 13330.110 $\pm$ 6935.038 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1313.486 $\pm$ 3708.099 χ^2 /NDF: 1.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

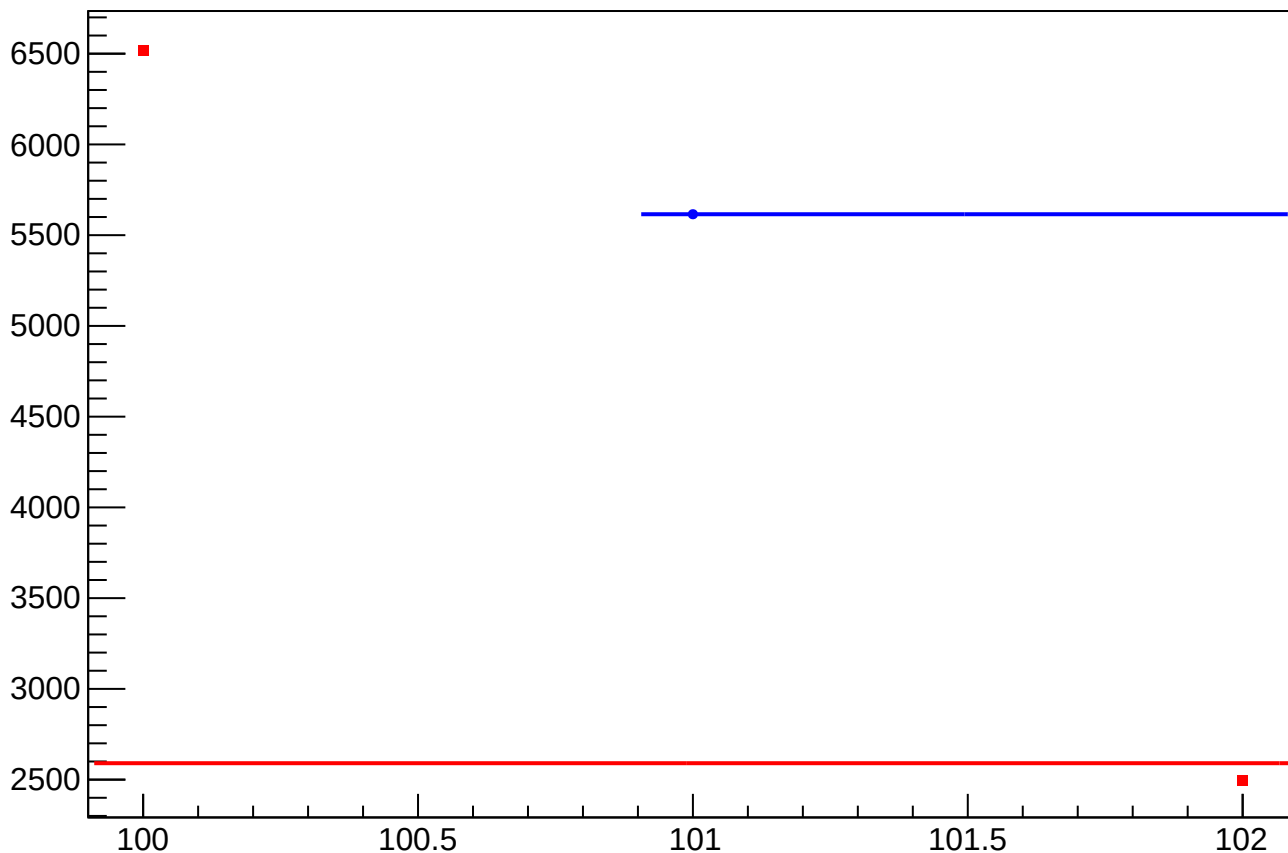
Right: 3985.154 $\pm$ 3270.008 χ^2 /NDF: 3.6/2

In: 13330.110 $\pm$ 6935.038 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3985.154 $\pm$ 3270.008 χ^2 /NDF: 3.6/2

dit_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 5615.353+/-4.904 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2590.546+/-2.622 χ^2/NDF : 53849.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

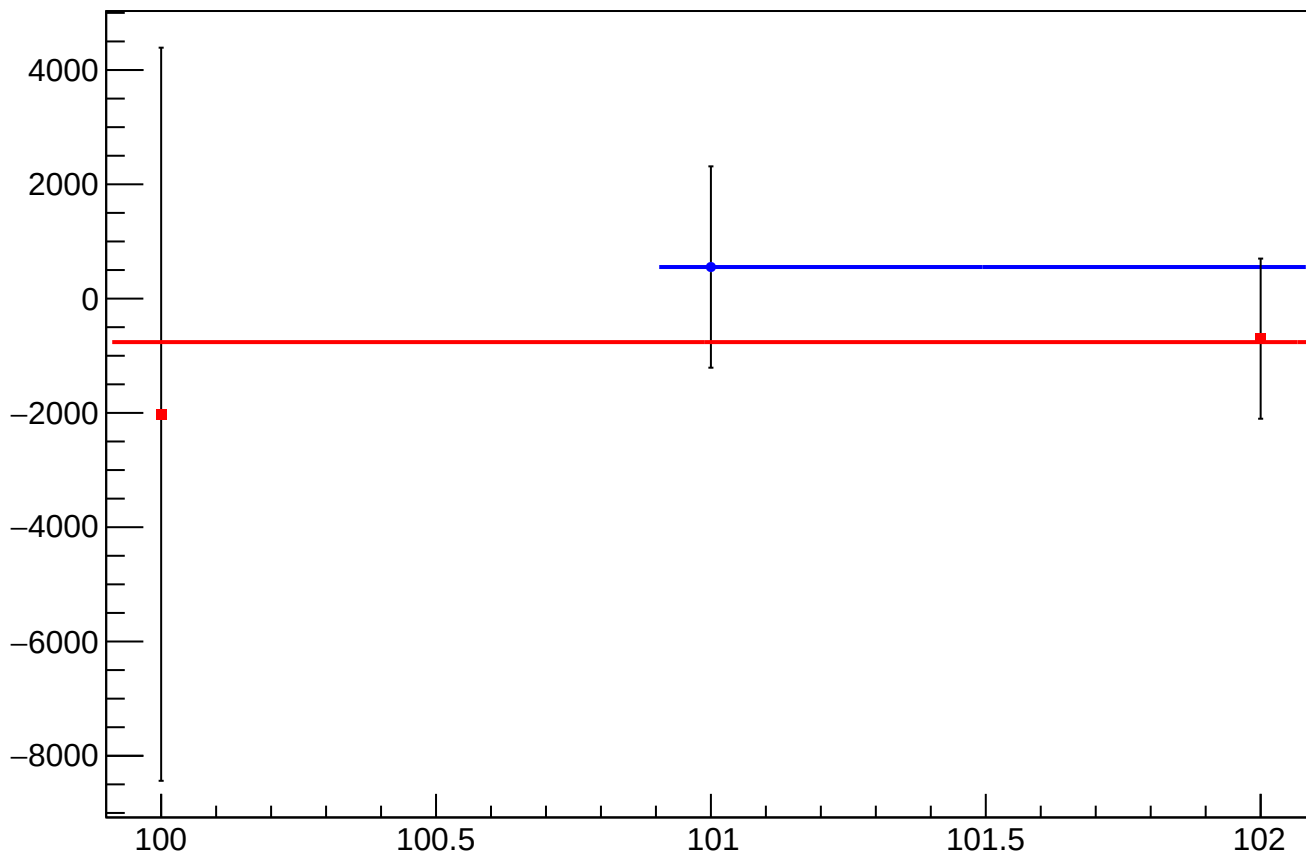
Right: 3262.984+/-2.312 χ^2/NDF : 349743.1/2

In: 5615.353+/-4.904 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3262.984+/-2.312 χ^2/NDF : 349743.1/2

asym_usr_atr1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 552.666+/-1761.572 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -761.075+/-1368.793 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

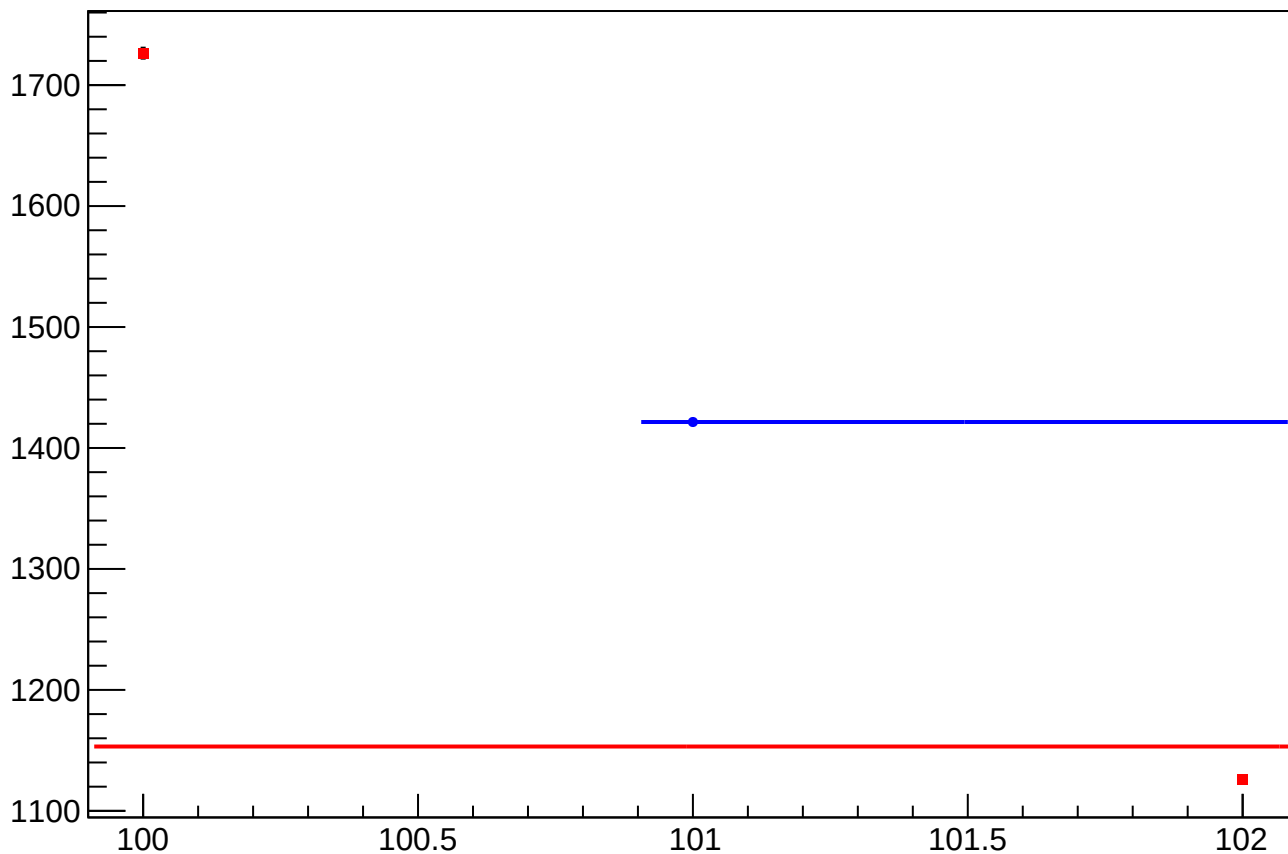
Right: -266.490+/-1080.852 χ^2/NDF : 0.4/2

In: 552.666+/-1761.572 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -266.490+/-1080.852 χ^2/NDF : 0.4/2

asym_usr_atr1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1421.480+/-1.246 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1153.195+/-0.968 χ^2/NDF : 16734.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

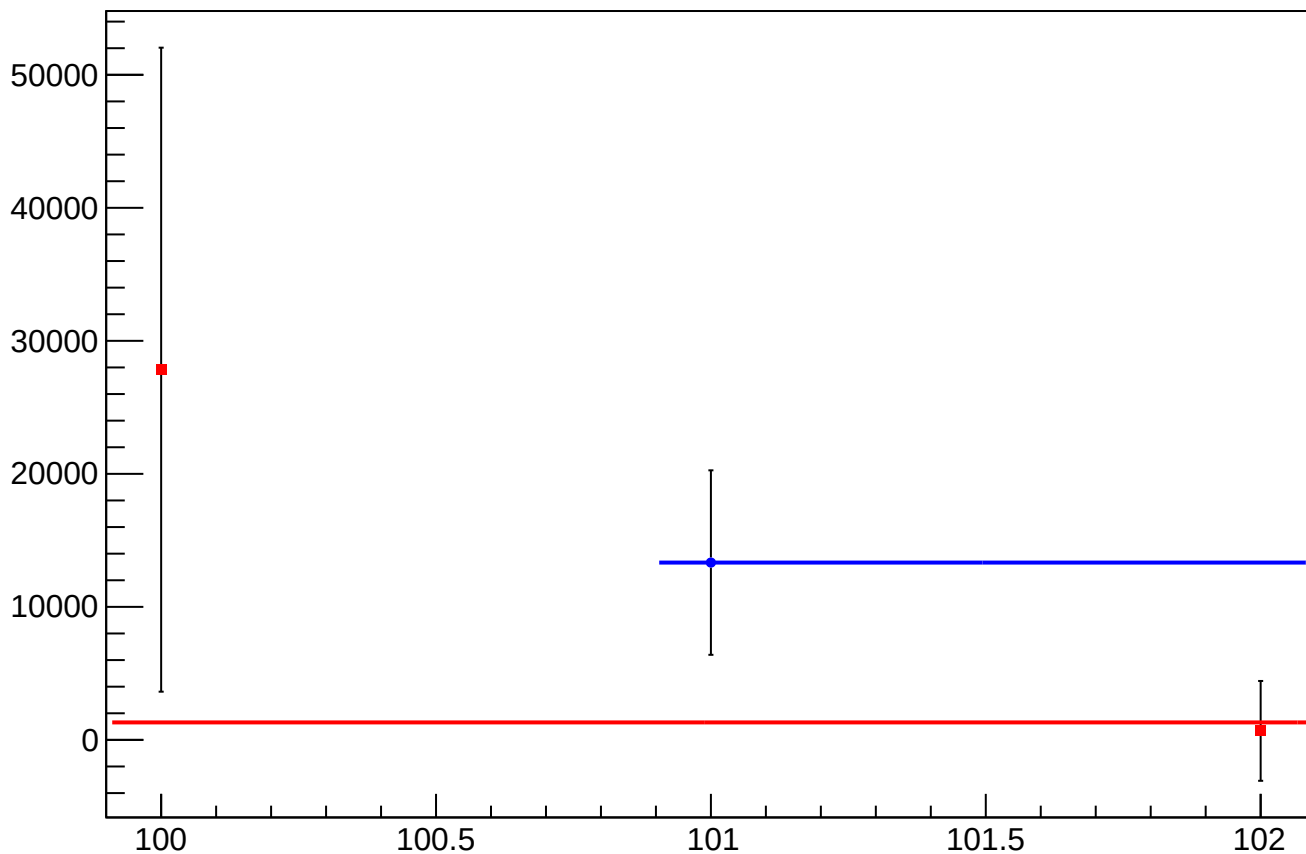
Right: 1254.196+/-0.764 χ^2/NDF : 45660.3/2

In: 1421.480+/-1.246 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1254.196+/-0.764 χ^2/NDF : 45660.3/2

eigen_dit_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 13330.110+/-6935.038 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1313.471+/-3708.099 χ^2/NDF : 1.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

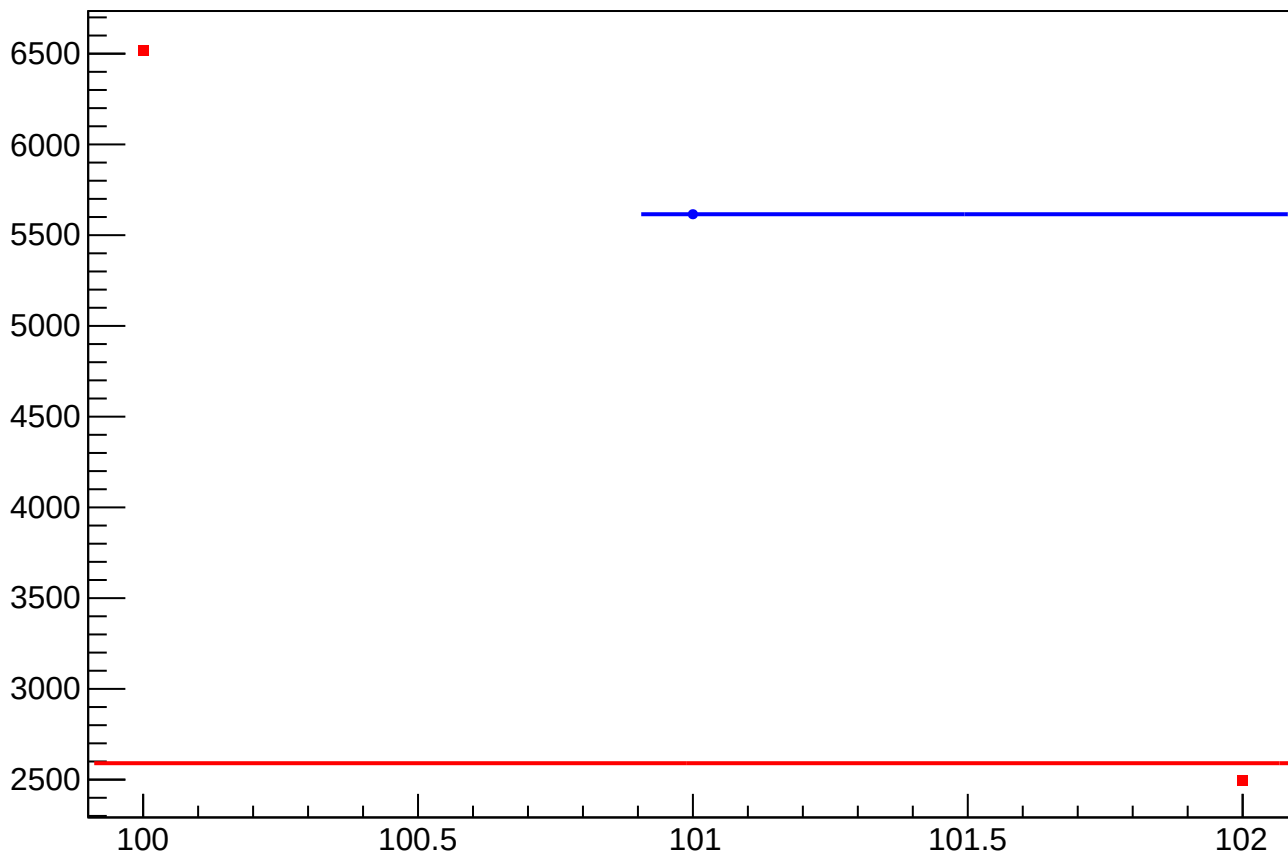
Right: 3985.141+/-3270.007 χ^2/NDF : 3.6/2

In: 13330.110+/-6935.038 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3985.141+/-3270.007 χ^2/NDF : 3.6/2

eigen_dit_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 5615.353+/-4.904 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2590.545+/-2.622 χ^2/NDF : 53849.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

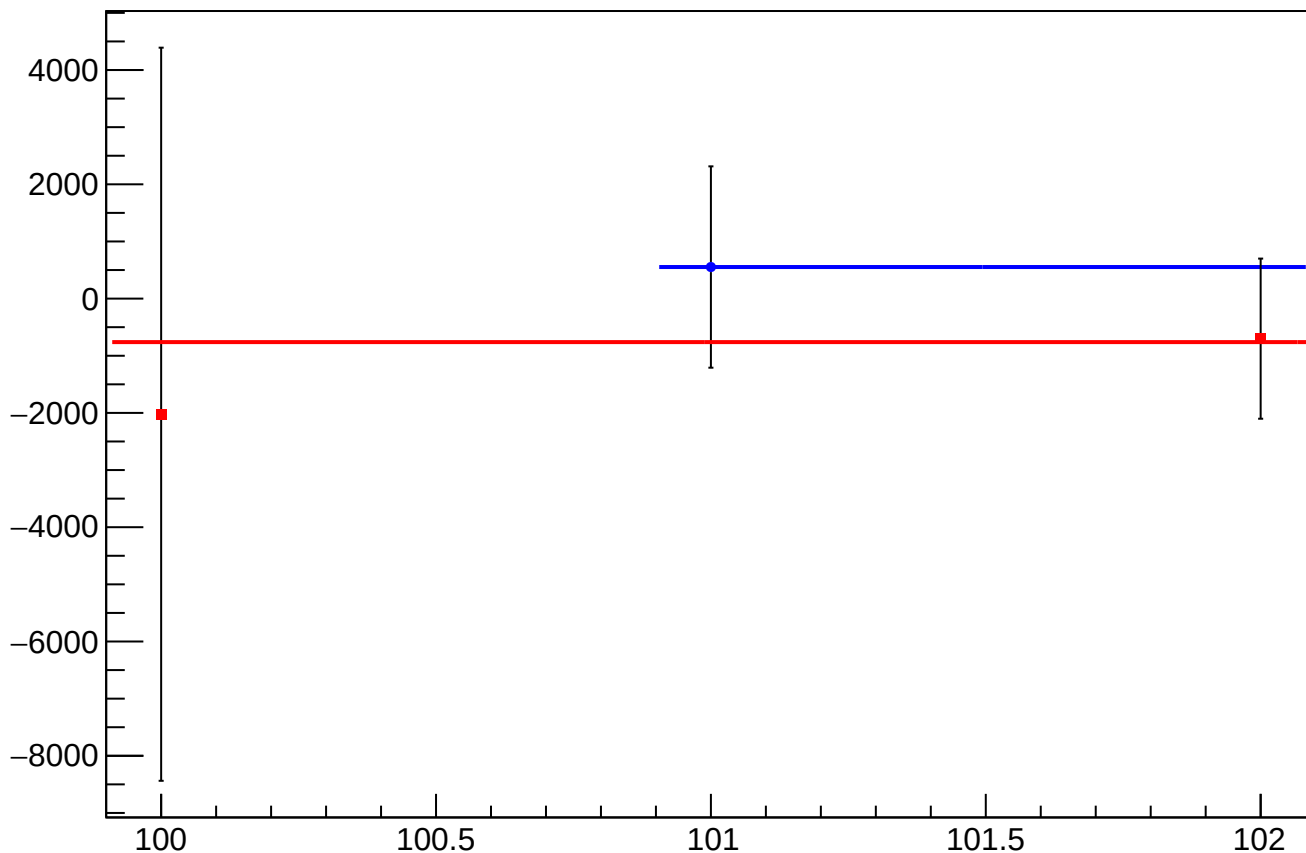
Right: 3262.983+/-2.312 χ^2/NDF : 349743.4/2

In: 5615.353+/-4.904 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3262.983+/-2.312 χ^2/NDF : 349743.4/2

asym_usr_atr1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 552.666+/-1761.570 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -761.071+/-1368.790 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

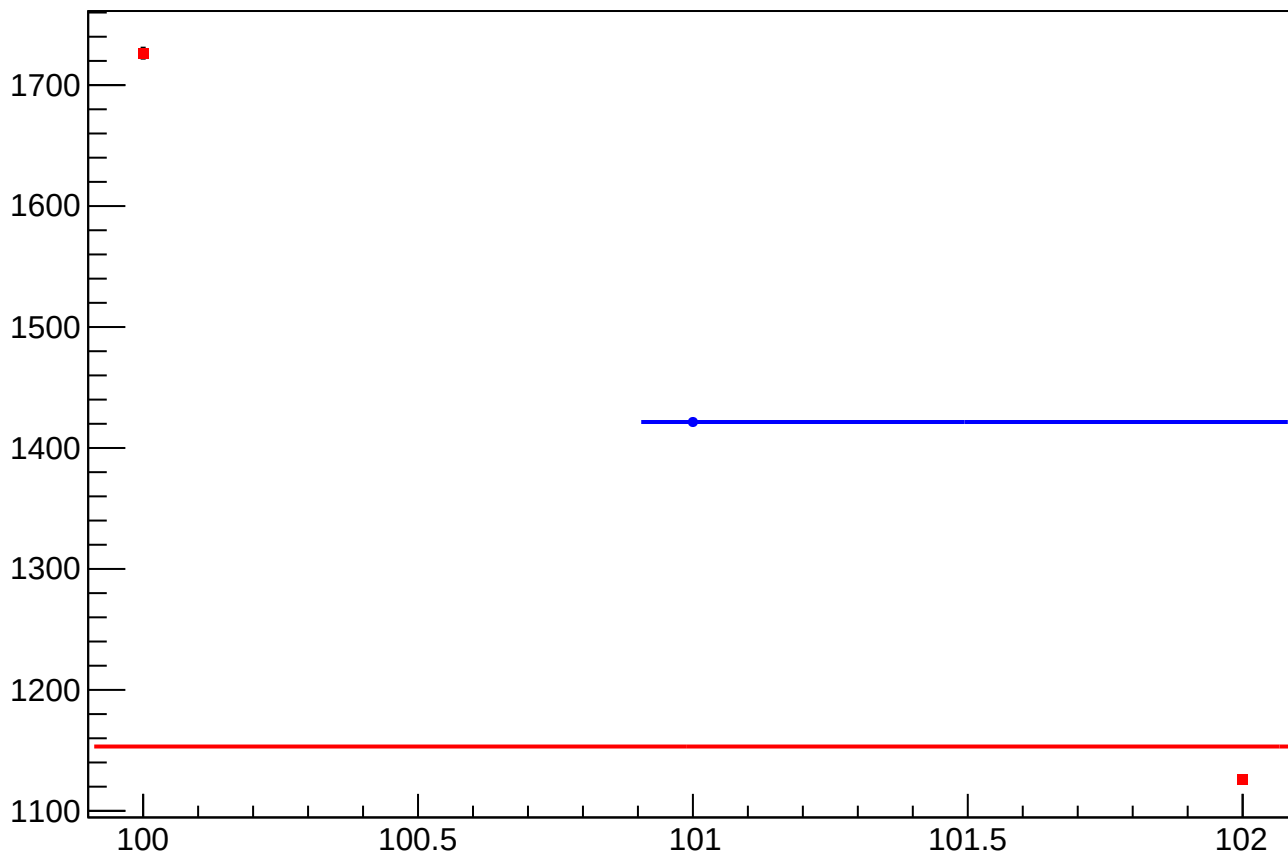
Right: -266.488+/-1080.850 χ^2/NDF : 0.4/2

In: 552.666+/-1761.570 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -266.488+/-1080.850 χ^2/NDF : 0.4/2

asym_usr_atr1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1421.479+/-1.246 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1153.193+/-0.968 χ^2/NDF : 16735.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

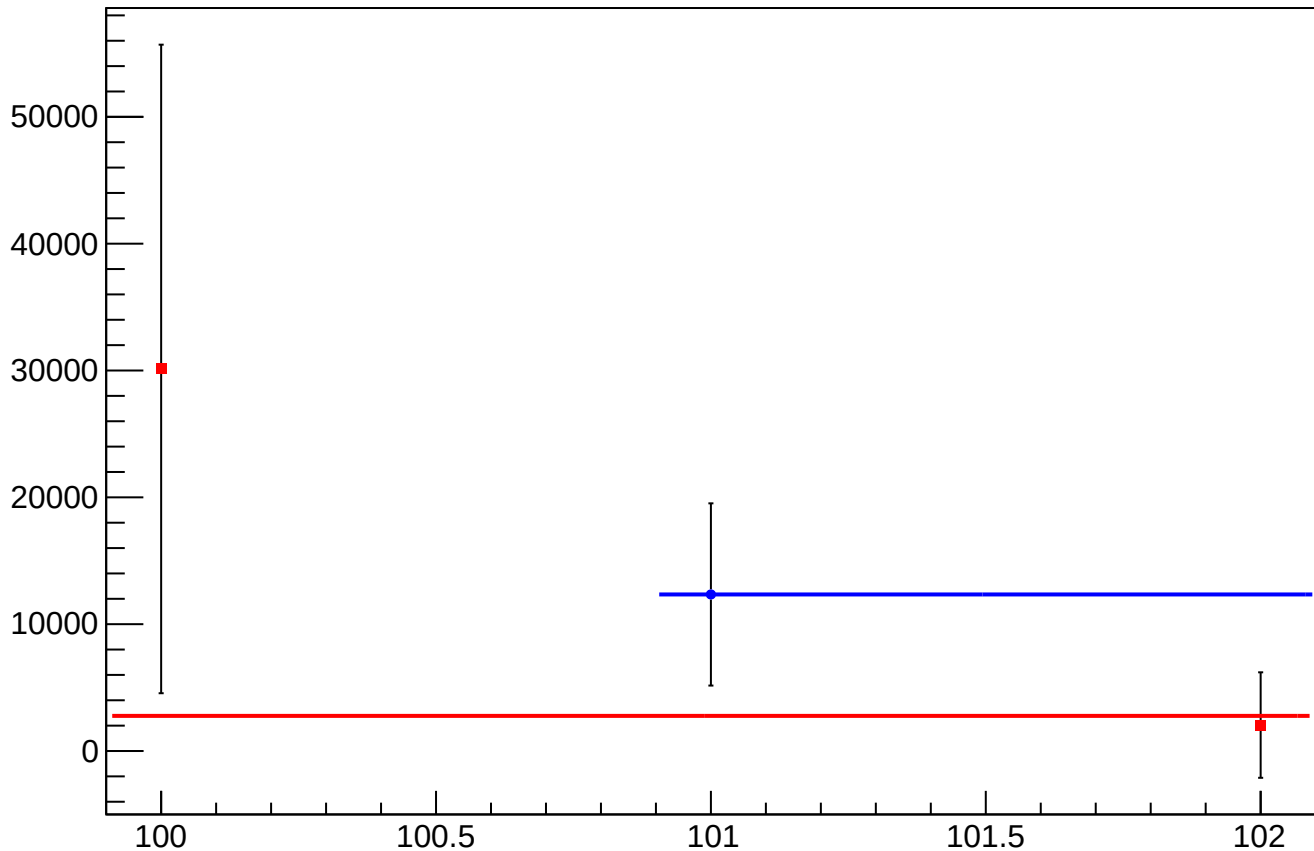
Right: 1254.194+/-0.764 χ^2/NDF : 45660.7/2

In: 1421.479+/-1.246 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1254.194+/-0.764 χ^2/NDF : 45660.7/2

asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 12343.581+/-7183.843 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2769.682+/-4104.462 χ^2/NDF : 1.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

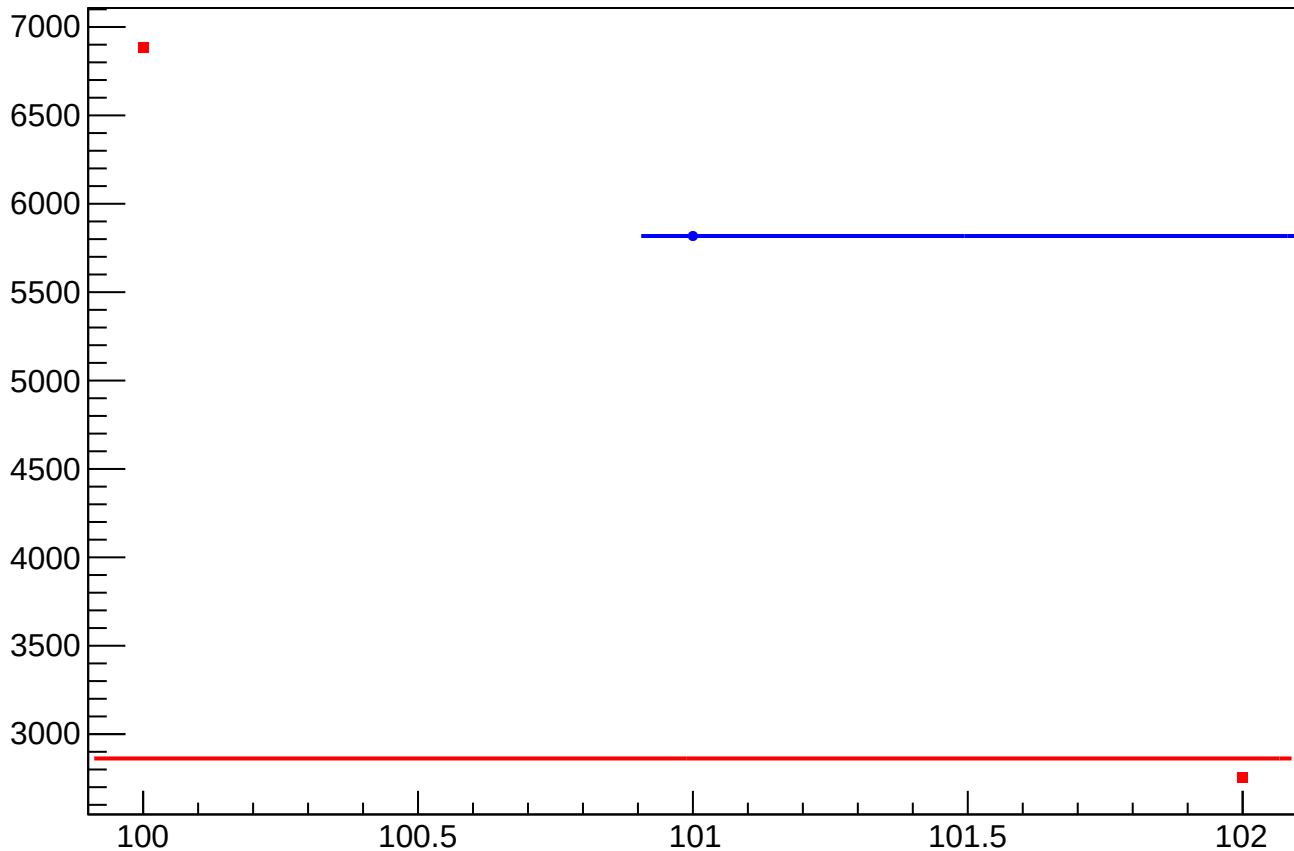
Right: 5125.822+/-3563.798 χ^2/NDF : 2.5/2

In: 12343.581+/-7183.843 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5125.822+/-3563.798 χ^2/NDF : 2.5/2

asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 5817.680+/-5.080 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2862.236+/-2.902 χ^2/NDF : 50743.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

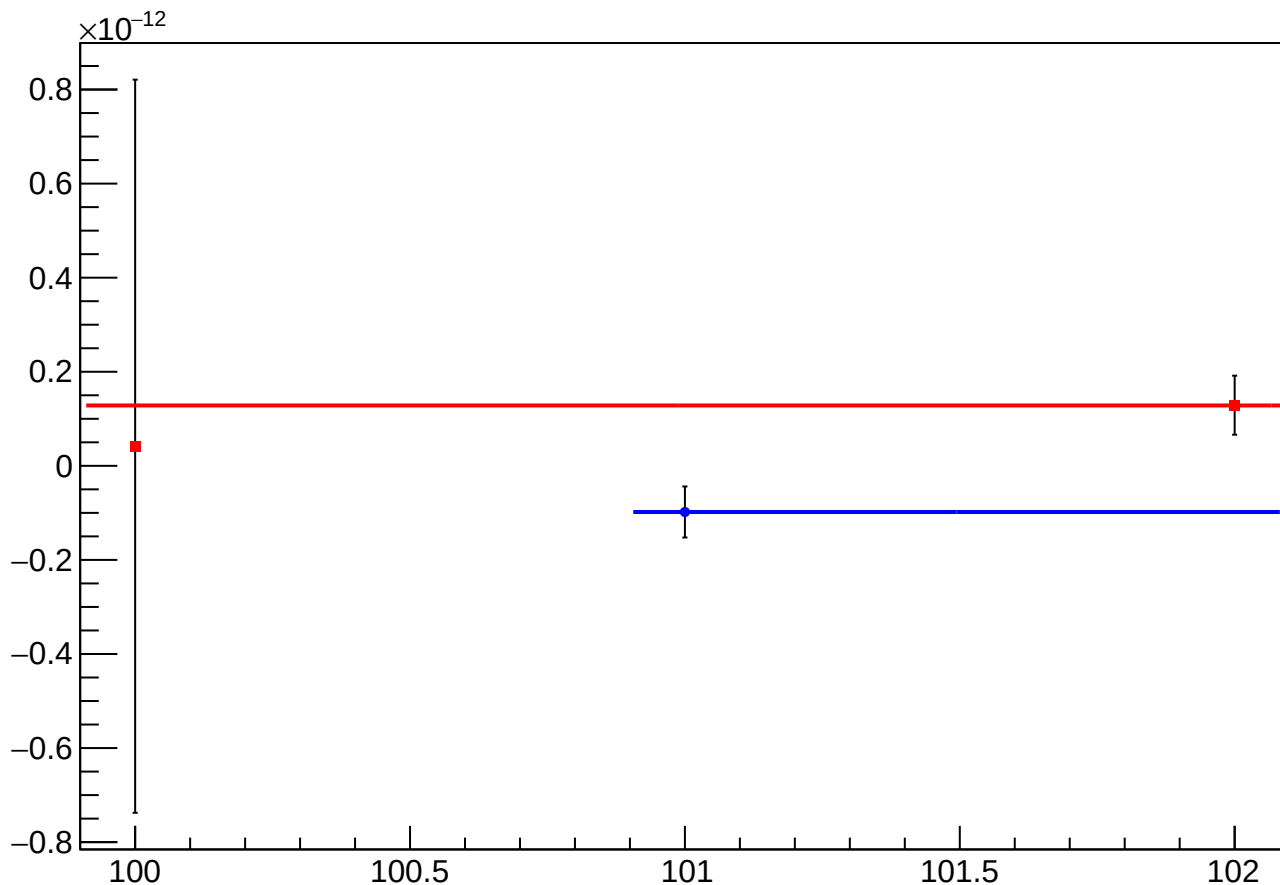
Right: 3589.482+/-2.520 χ^2/NDF : 305950.4/2

In: 5817.680+/-5.080 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3589.482+/-2.520 χ^2/NDF : 305950.4/2

asym_usr_atr1_avg_reg_vs_cor_diff_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: 0.0/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

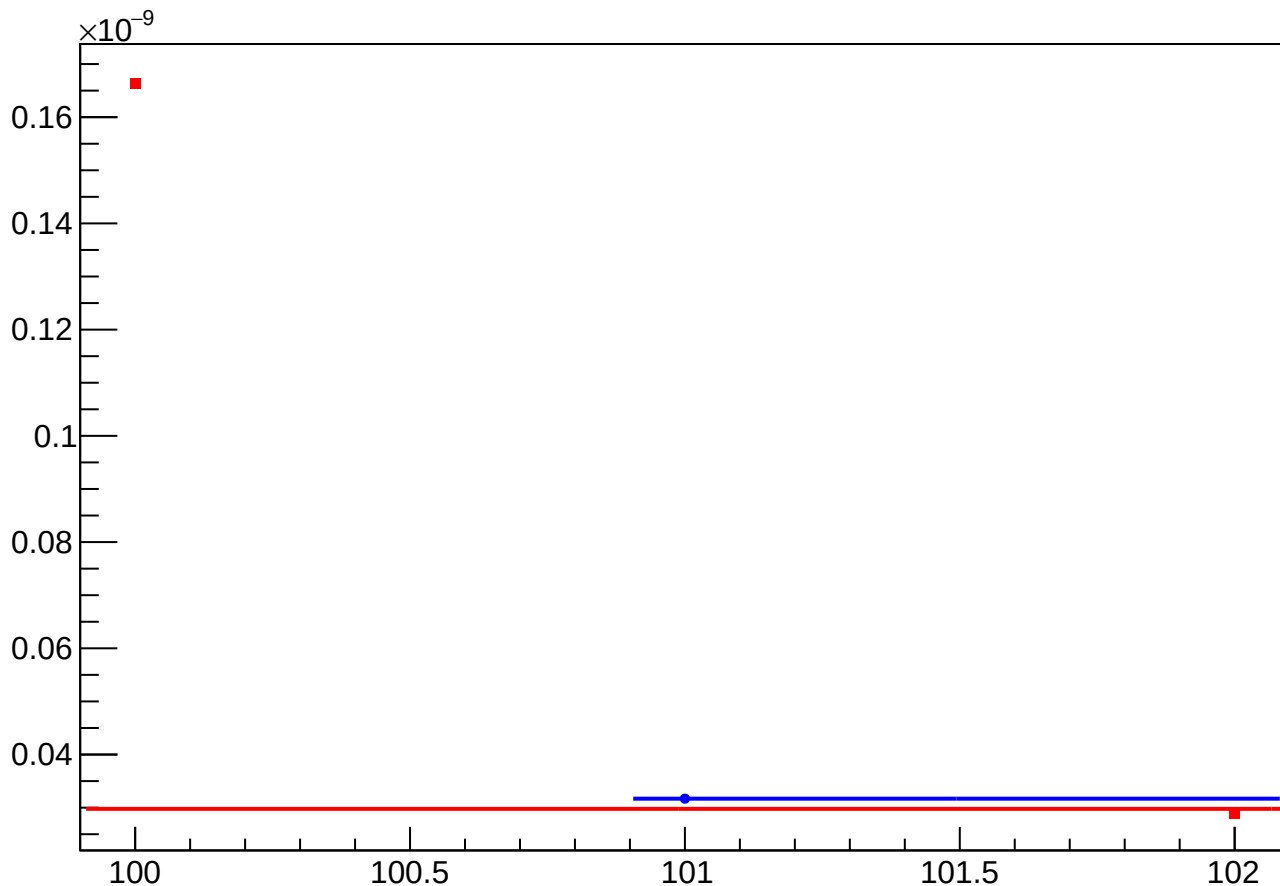
Right: -0.000+/-0.000 χ^2 /NDF: 7.5/2

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: 7.5/2

asym_usr_atr1_avg_reg_vs_cor_diff_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 : 61801.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

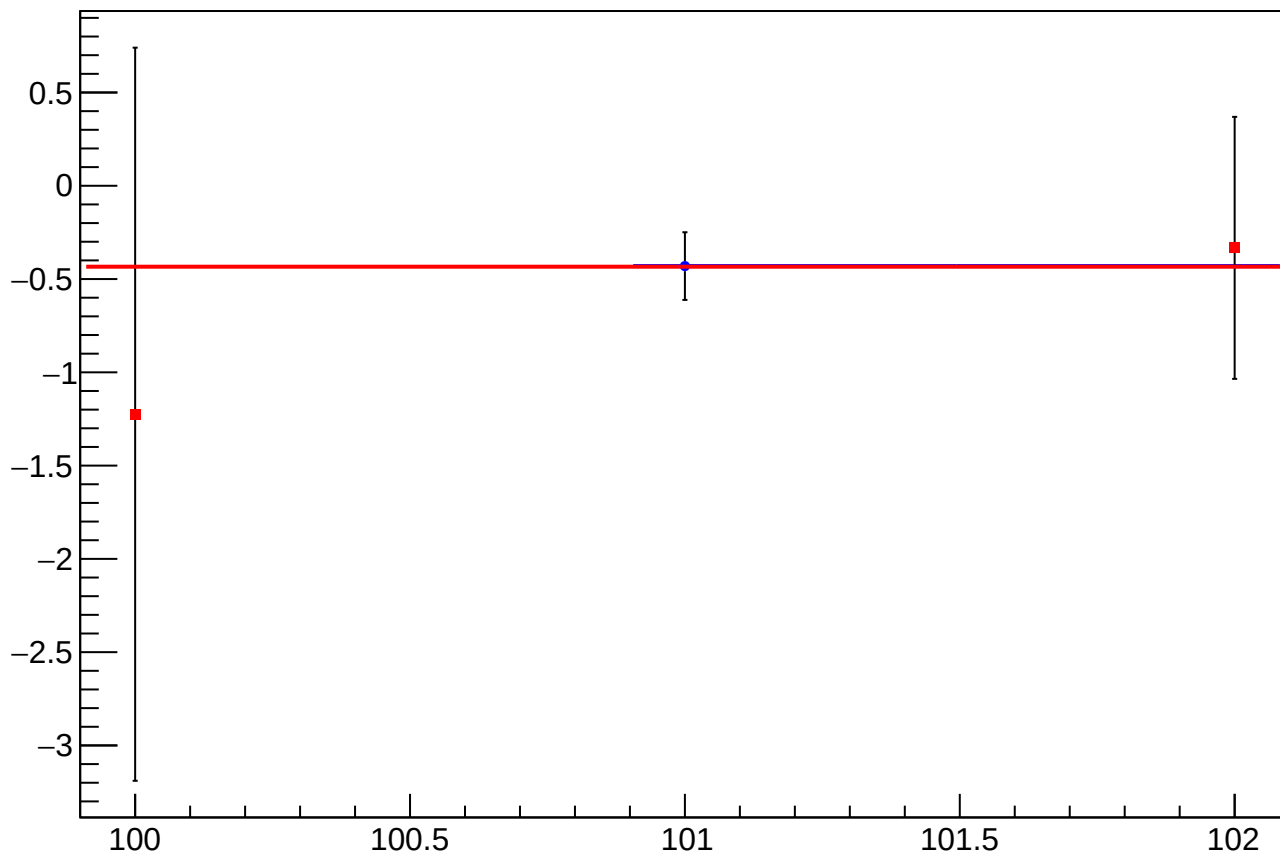
Right: 0.000+/-0.000 χ^2/NDF : 62876.2/2

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 : 62876.2/2

asym_usr_atr1_avg_dit_vs_slug, Sign Corrected



Right In: -0.430+/-0.181 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.434+/-0.661 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

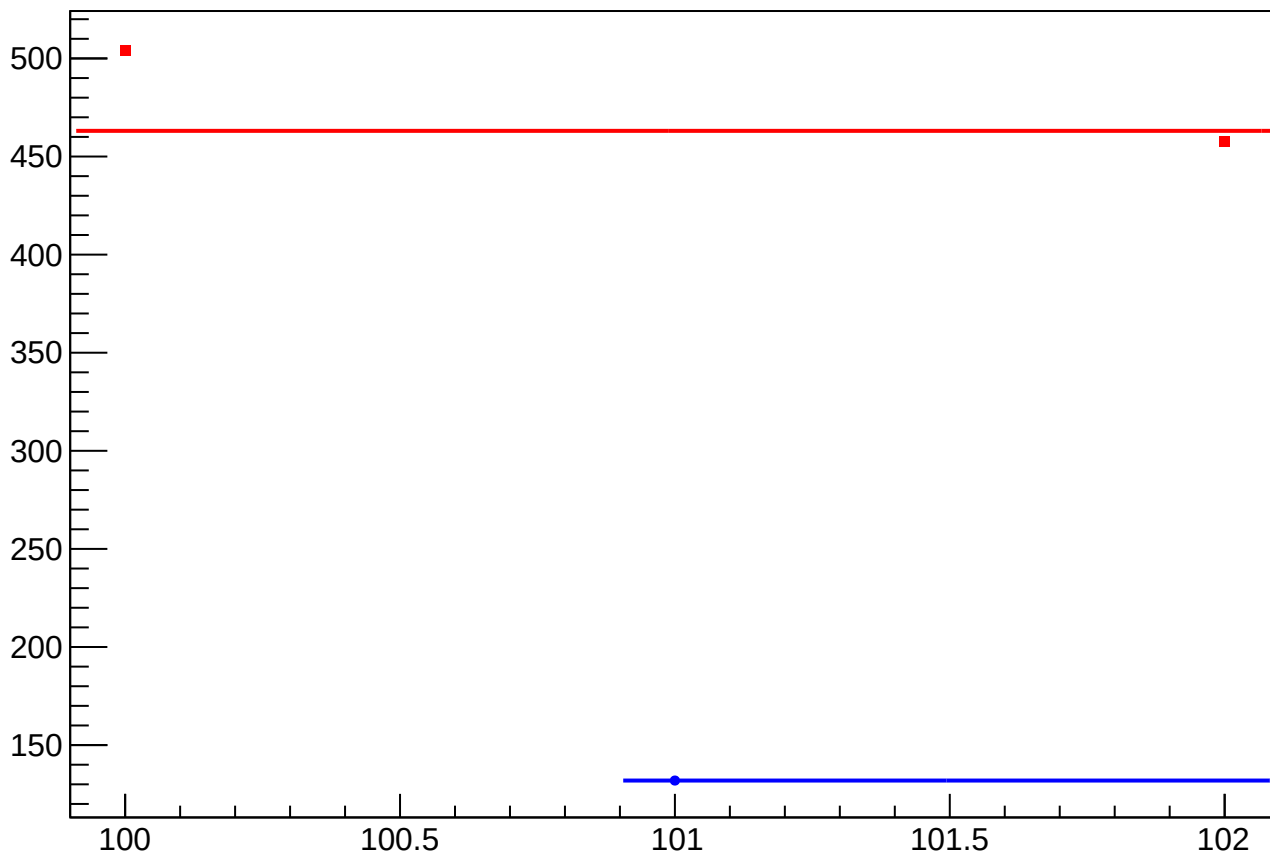
Right: -0.431+/-0.175 χ^2/NDF : 0.2/2

In: -0.430+/-0.181 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.431+/-0.175 χ^2/NDF : 0.2/2

asym_usr_atr1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 131.928 $\pm$ 0.128 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 463.089 $\pm$ 0.468 χ^2 /NDF: 982.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

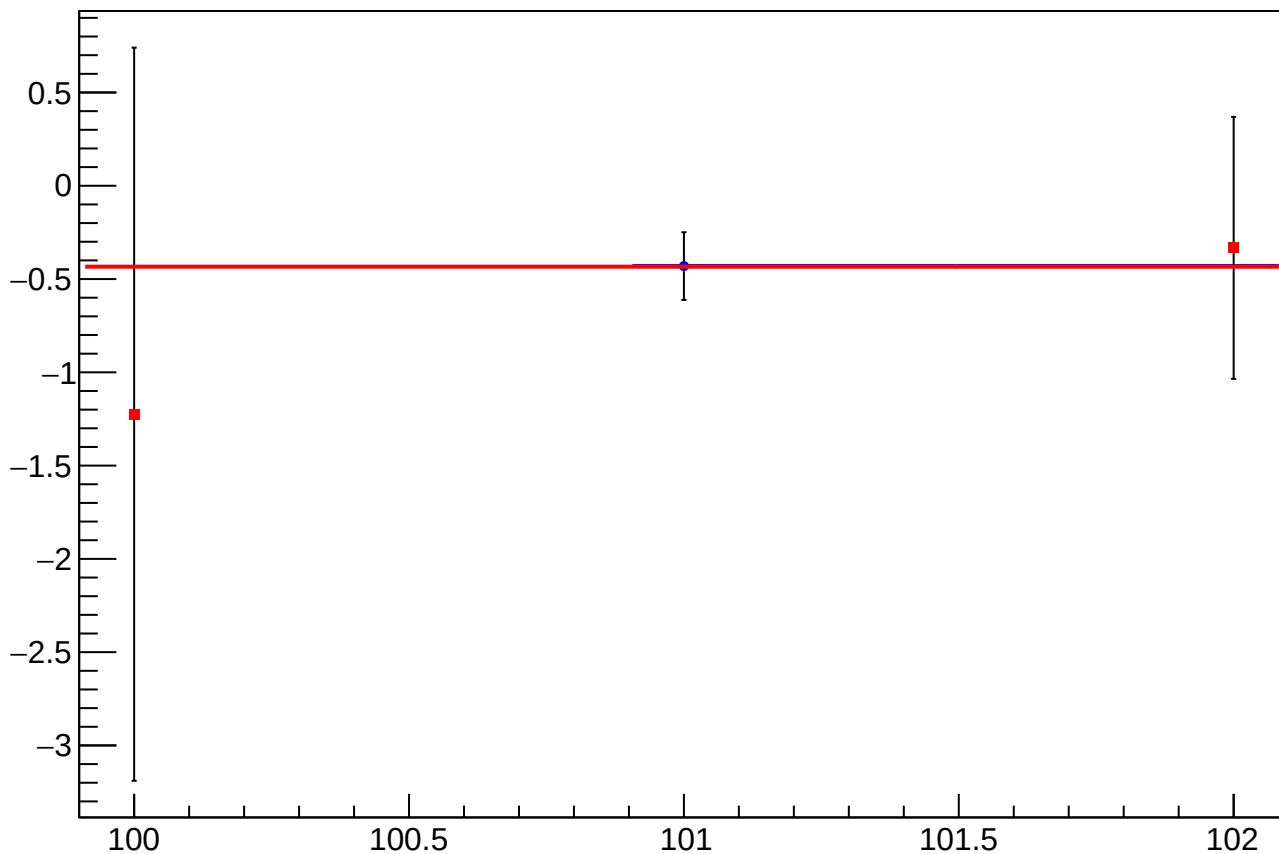
Right: 155.097 $\pm$ 0.124 χ^2 /NDF: 467496.0/2

In: 131.928 $\pm$ 0.128 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 155.097 $\pm$ 0.124 χ^2 /NDF: 467496.0/2

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.430+/-0.181 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.434+/-0.661 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

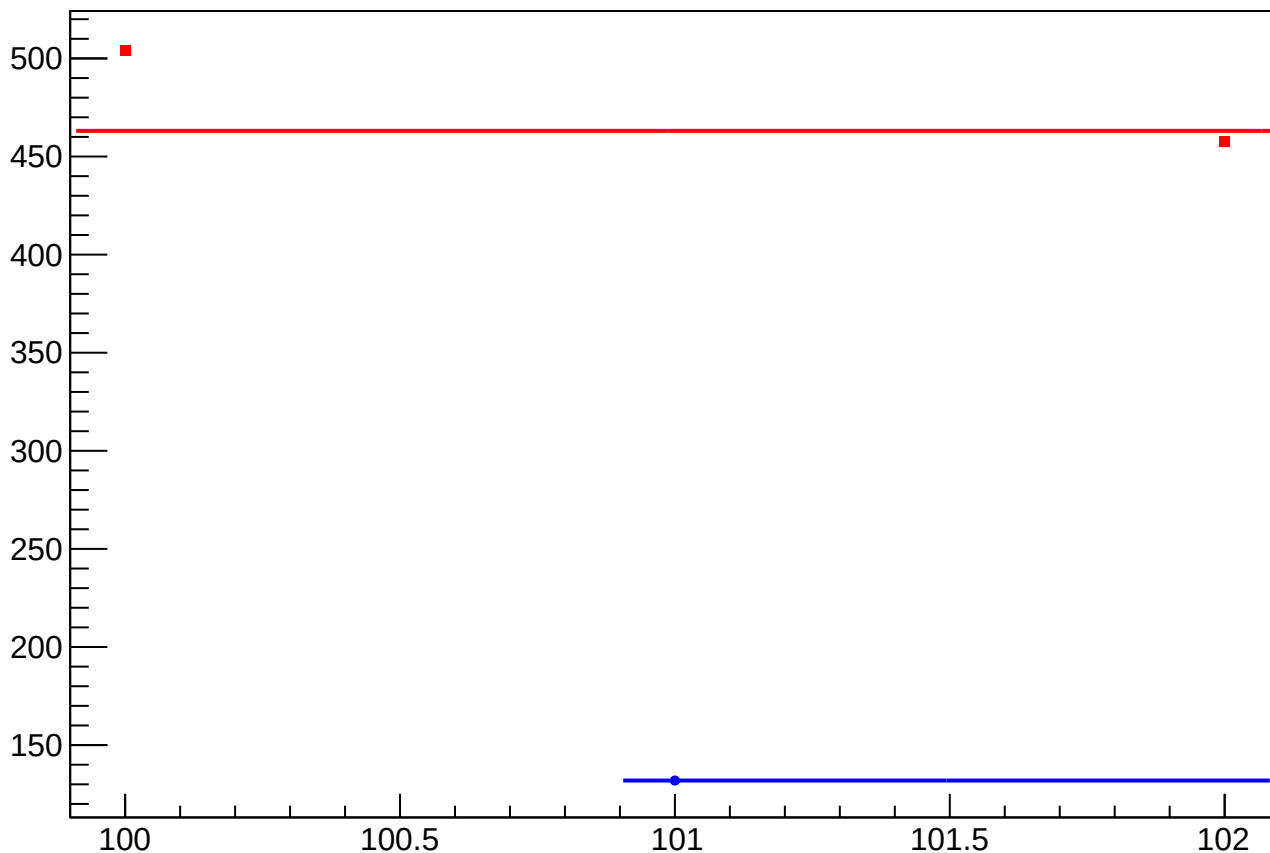
Right: -0.431+/-0.175 χ^2/NDF : 0.2/2

In: -0.430+/-0.181 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.431+/-0.175 χ^2/NDF : 0.2/2

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 131.928 $\pm$ 0.128 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 463.089 $\pm$ 0.468 χ^2 /NDF: 982.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

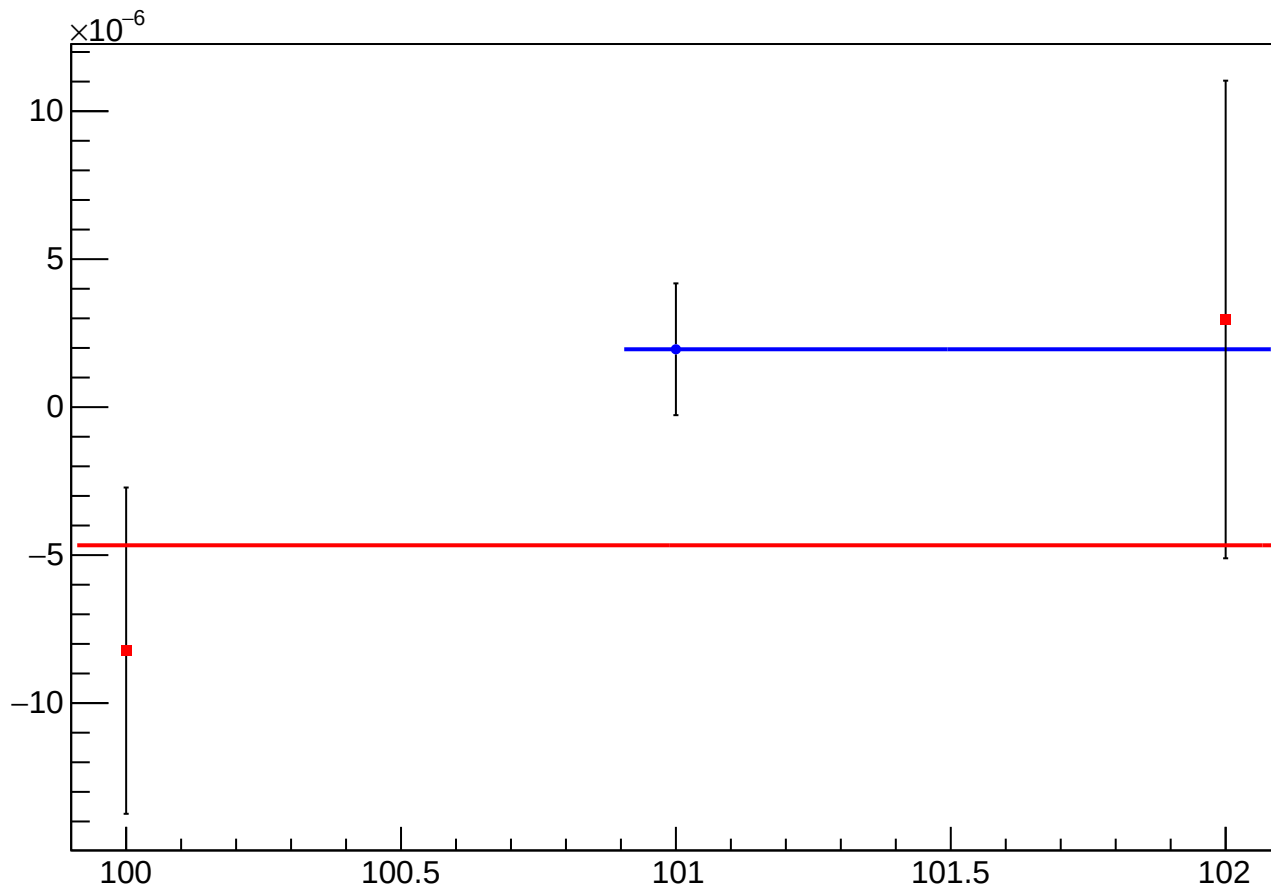
Right: 155.097 $\pm$ 0.124 χ^2 /NDF: 467496.0/2

In: 131.928 $\pm$ 0.128 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 155.097 $\pm$ 0.124 χ^2 /NDF: 467496.0/2

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_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 : 1.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

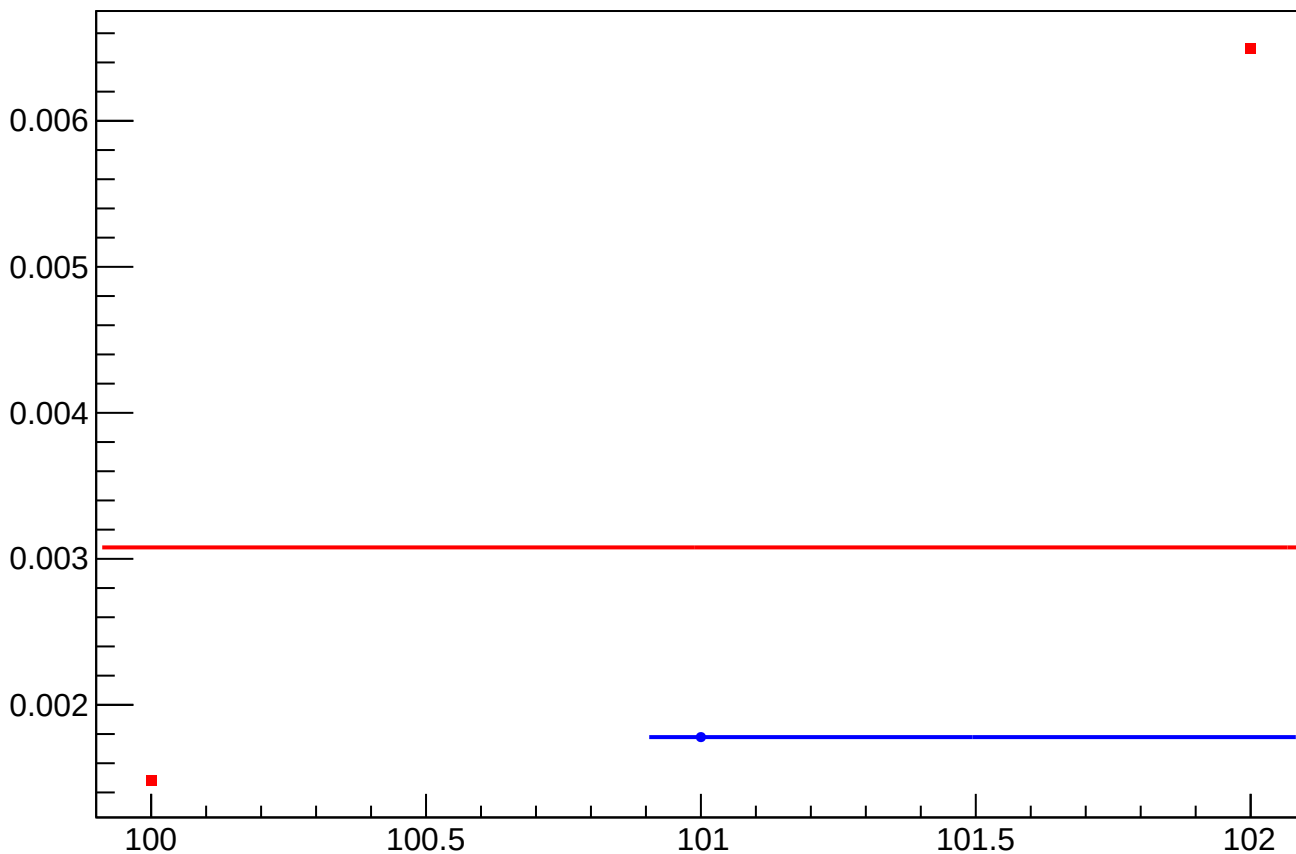
Right: 0.000+/-0.000 χ^2/NDF : 3.0/2

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 : 3.0/2

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 526045.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

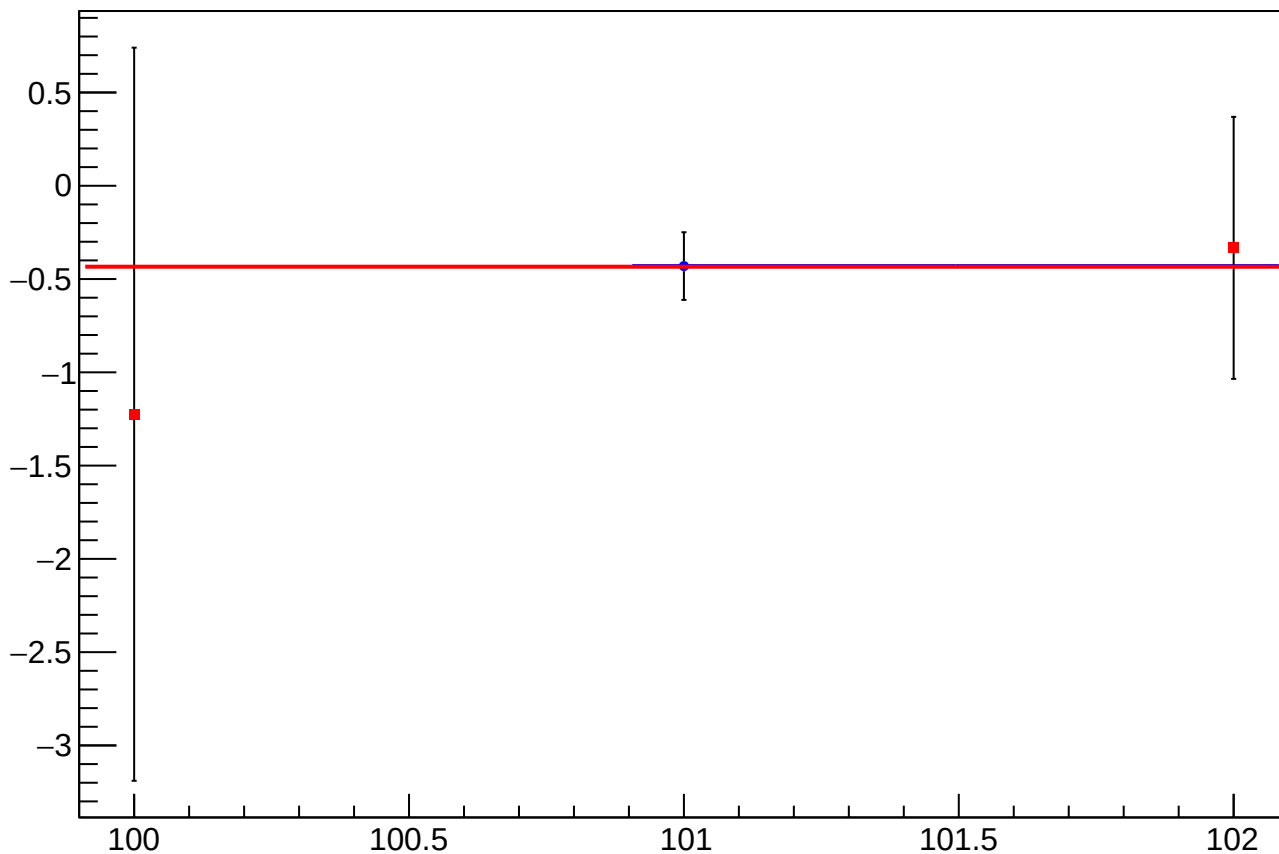
Right: 0.002+/-0.000 χ^2/NDF : 657552.3/2

In: 0.002+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 657552.3/2

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.430+/-0.181 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.434+/-0.661 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

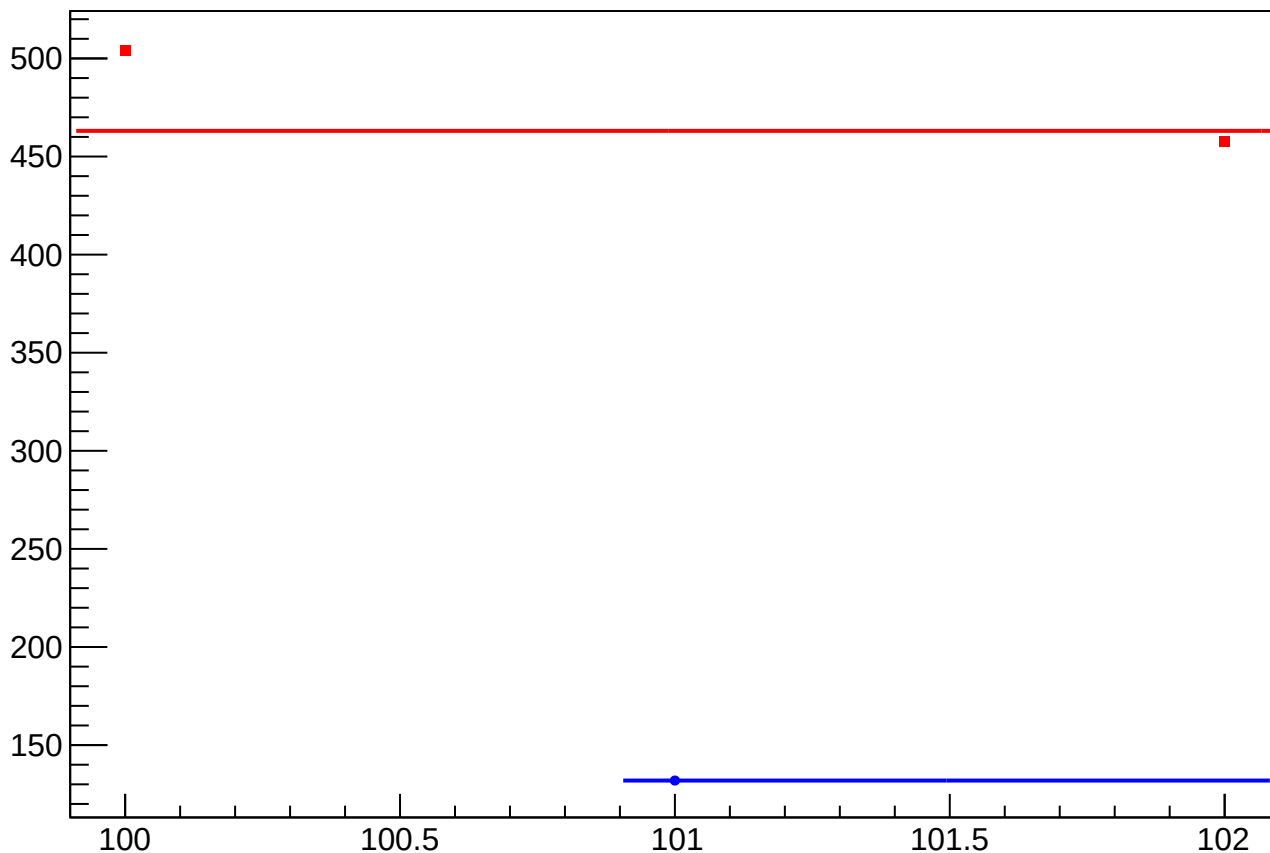
Right: -0.431+/-0.175 χ^2/NDF : 0.2/2

In: -0.430+/-0.181 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.431+/-0.175 χ^2/NDF : 0.2/2

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 131.929+/-0.128 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 463.087+/-0.468 χ^2/NDF : 982.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

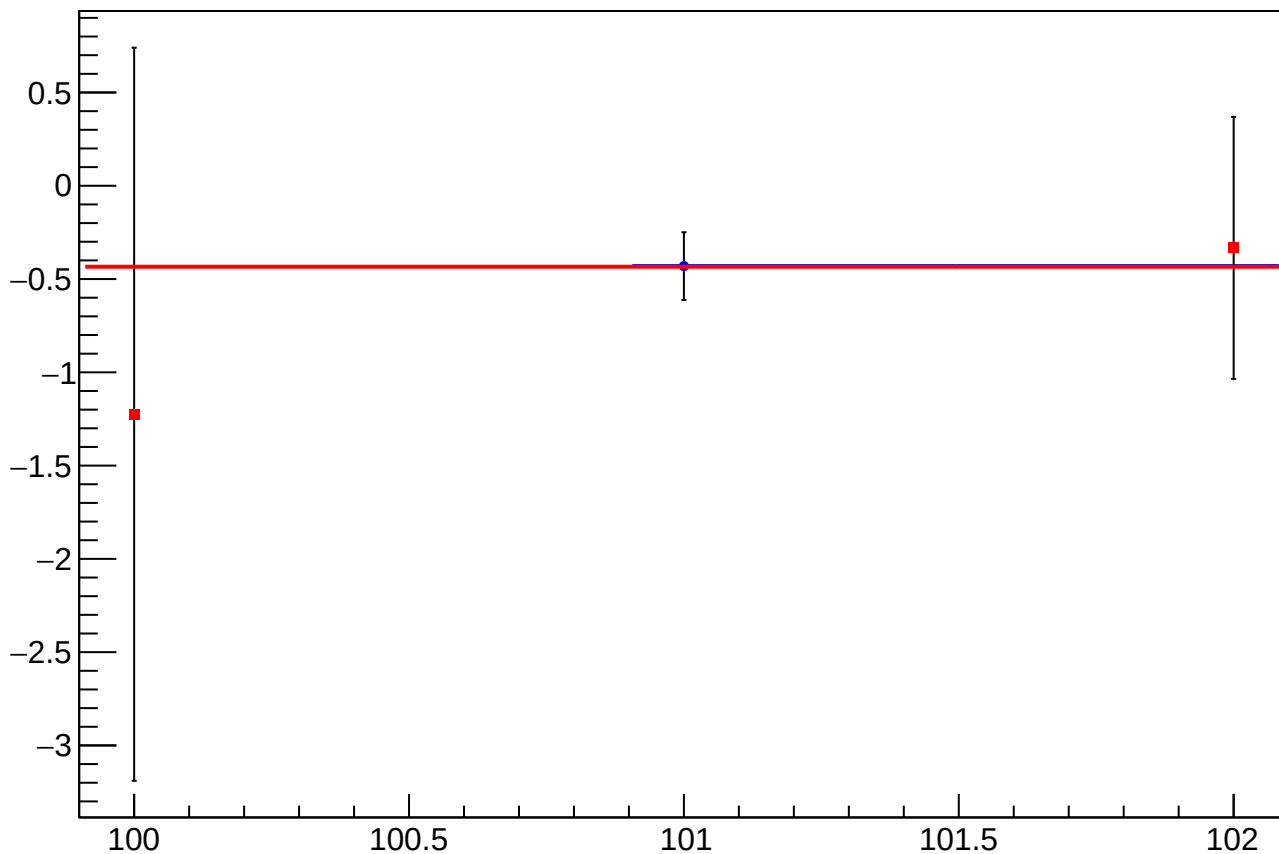
Right: 155.098+/-0.124 χ^2/NDF : 467490.8/2

In: 131.929+/-0.128 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.098+/-0.124 χ^2/NDF : 467490.8/2

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.430+/-0.181 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.434+/-0.661 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

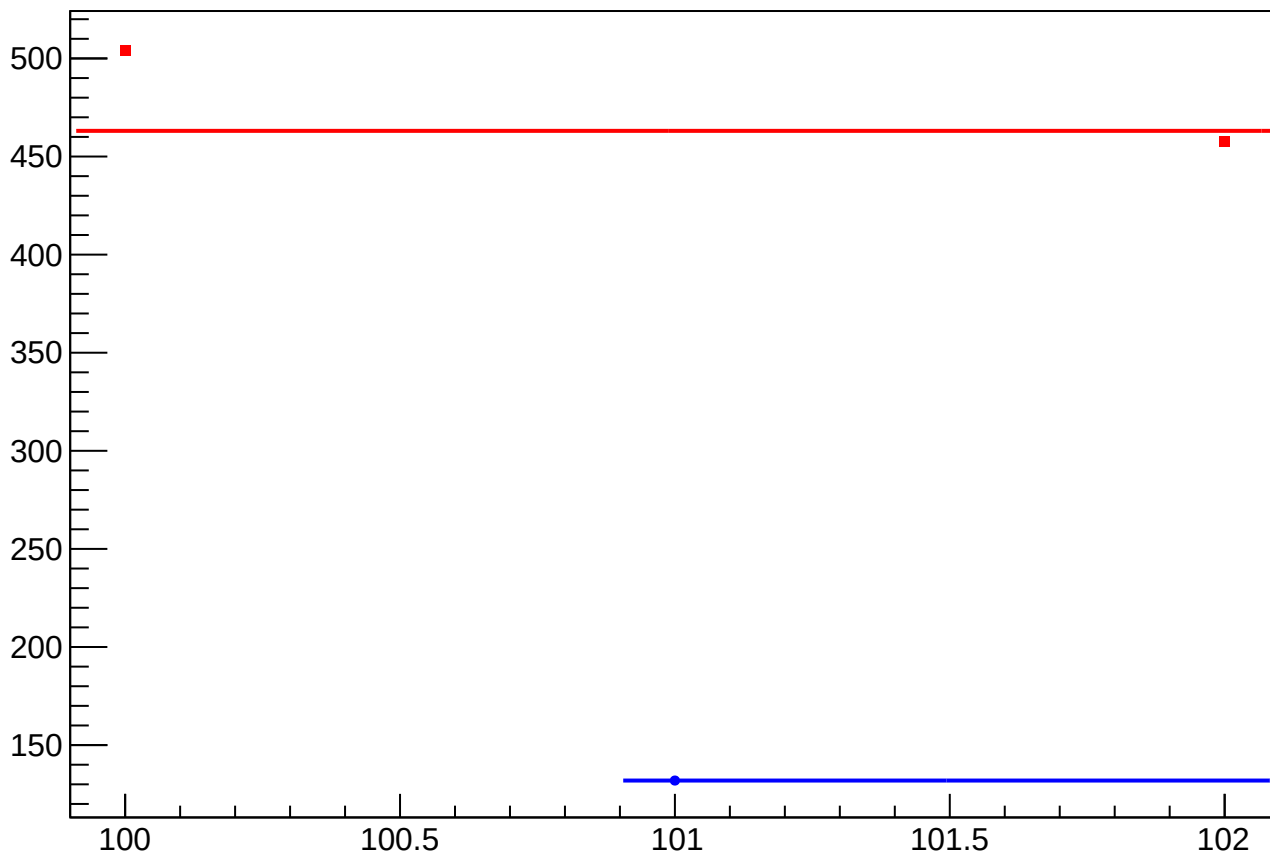
Right: -0.431+/-0.175 χ^2/NDF : 0.2/2

In: -0.430+/-0.181 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.431+/-0.175 χ^2/NDF : 0.2/2

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 131.929+/-0.128 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 463.087+/-0.468 χ^2/NDF : 982.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

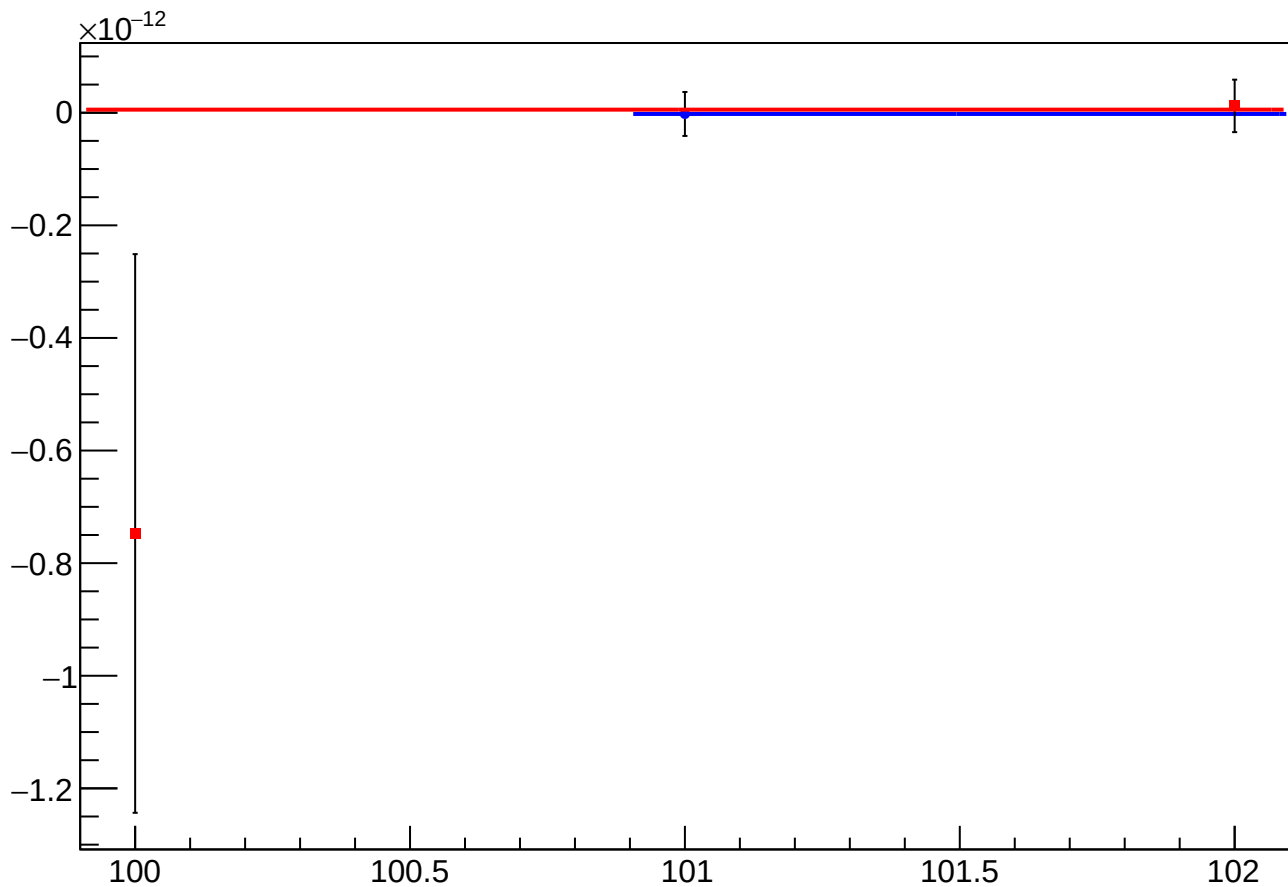
Right: 155.098+/-0.124 χ^2/NDF : 467490.8/2

In: 131.929+/-0.128 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.098+/-0.124 χ^2/NDF : 467490.8/2

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_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: 2.3/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

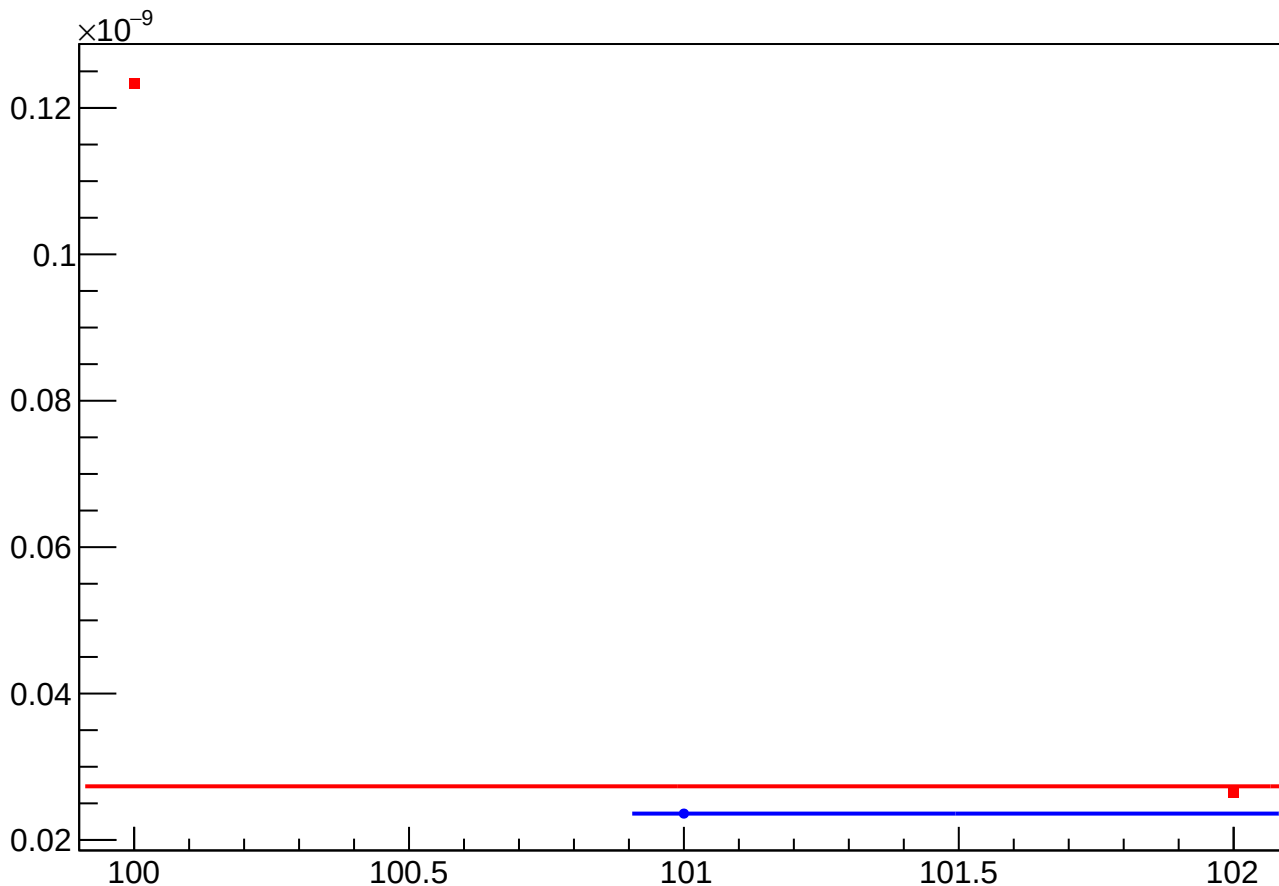
Right: 0.000+/-0.000 χ^2 /NDF: 2.3/2

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: 2.3/2

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_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 : 75617.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

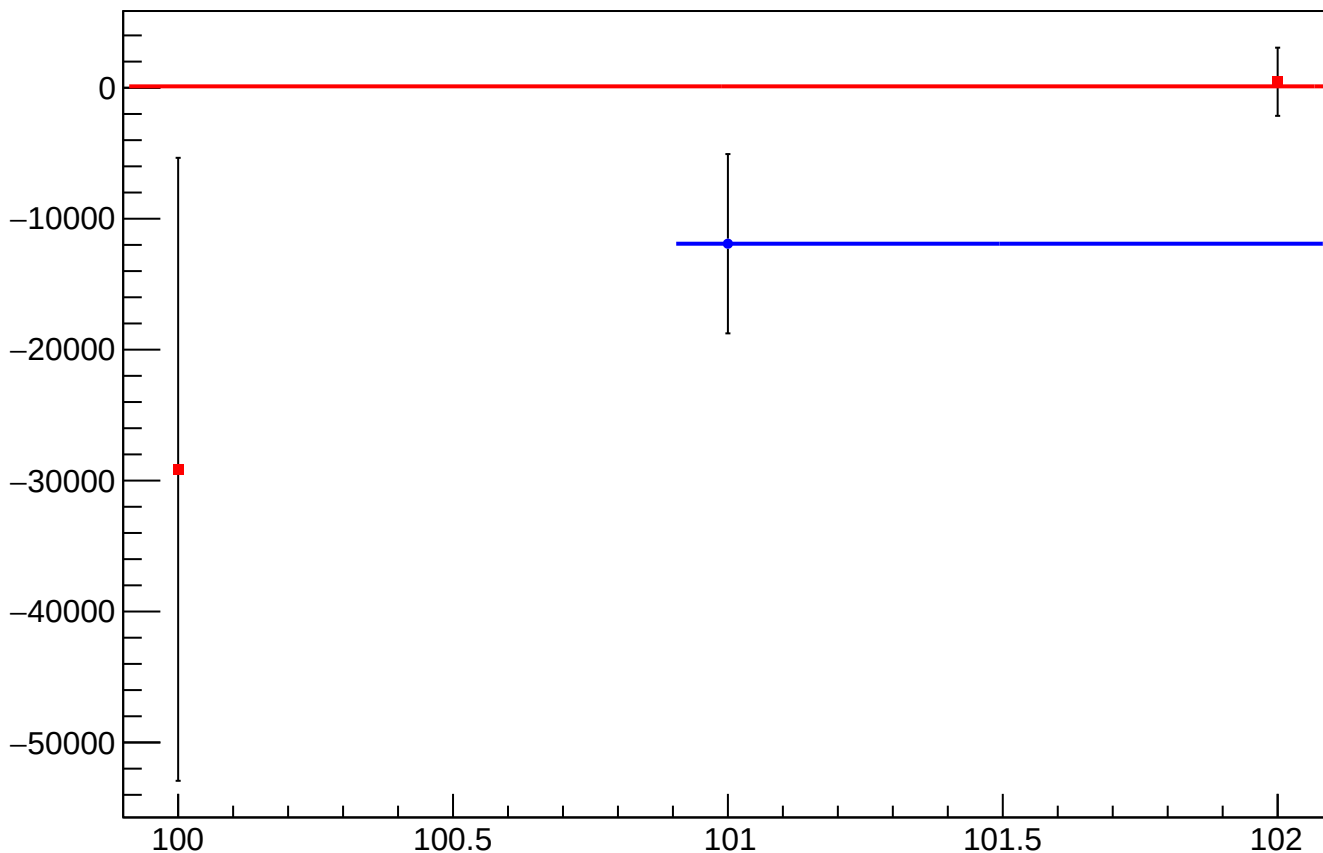
Right: 0.000+/-0.000 χ^2/NDF : 83173.2/2

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 : 83173.2/2

reg_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: -11909.042+/-6846.981 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.420+/-2588.326 χ^2/NDF : 1.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

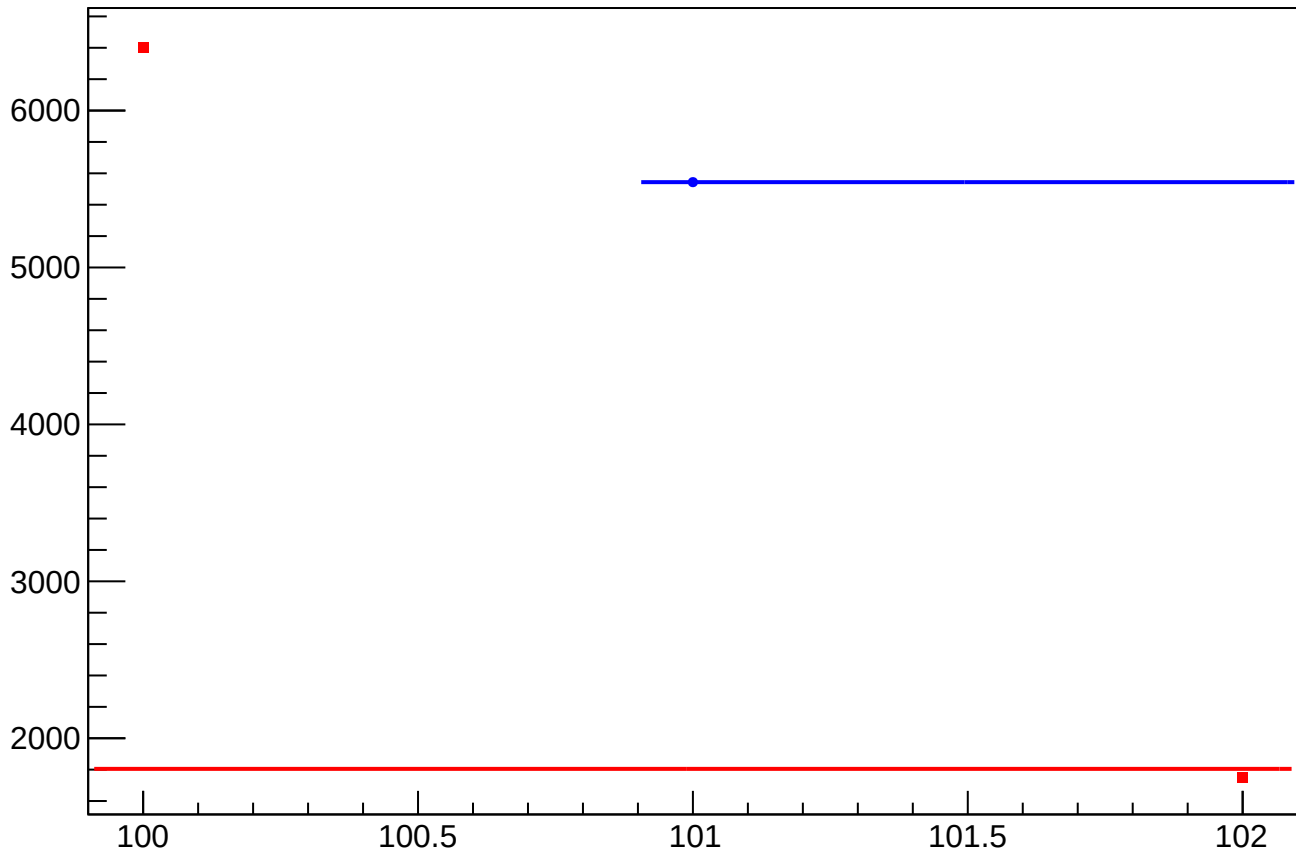
Right: -1393.305+/-2421.109 χ^2/NDF : 4.2/2

In: -11909.042+/-6846.981 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1393.305+/-2421.109 χ^2/NDF : 4.2/2

reg_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 5543.781+/-4.842 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1804.868+/-1.830 χ^2/NDF : 75613.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

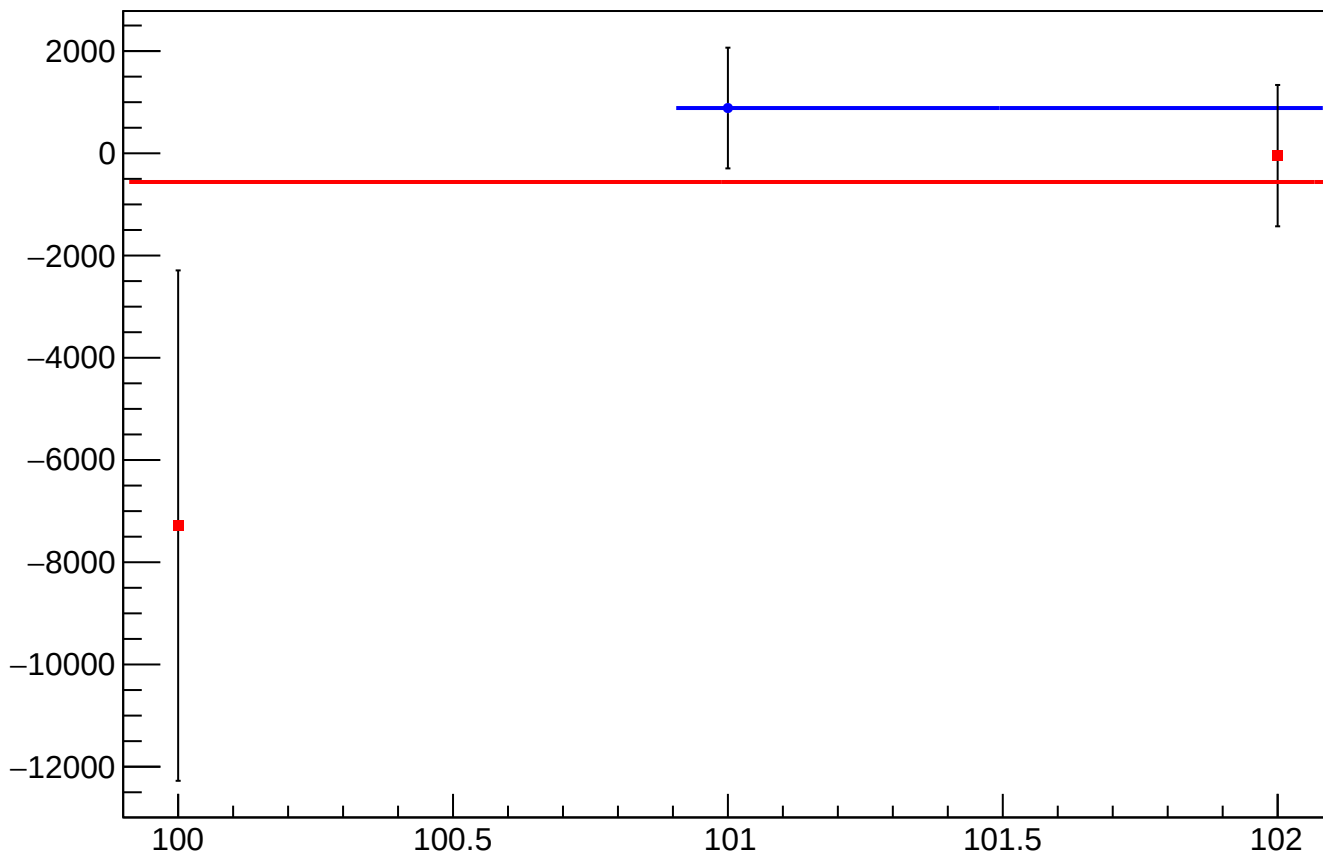
Right: 2272.335+/-1.712 χ^2/NDF : 597429.3/2

In: 5543.781+/-4.842 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2272.335+/-1.712 χ^2/NDF : 597429.3/2

asym_usr_atr1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 885.699+/-1180.875 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -561.147+/-1332.412 χ^2/NDF : 2.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

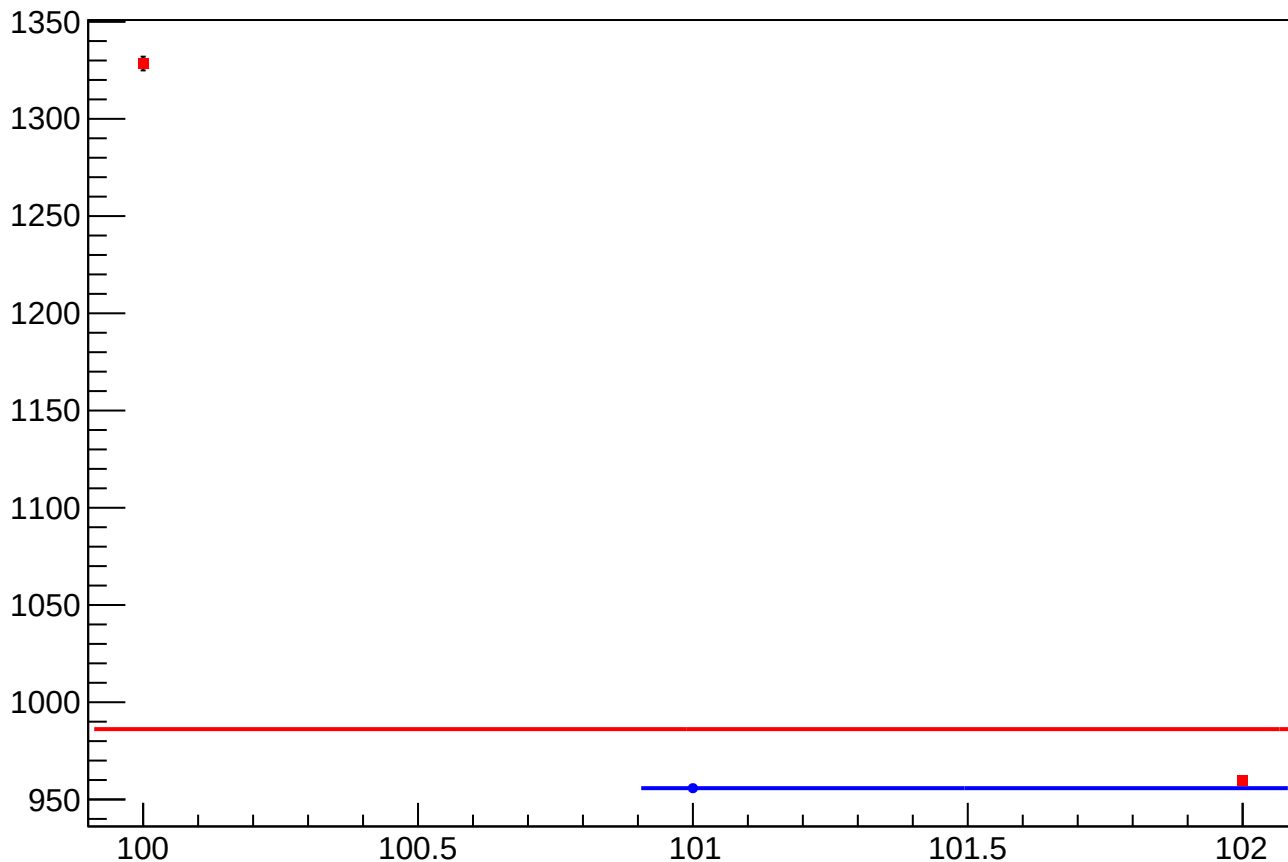
Right: 249.197+/-883.746 χ^2/NDF : 2.6/2

In: 885.699+/-1180.875 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 249.197+/-883.746 χ^2/NDF : 2.6/2

asym_usr_atr1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 955.808 $\pm$ 0.835 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 986.177 $\pm$ 0.942 χ^2 /NDF: 10120.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

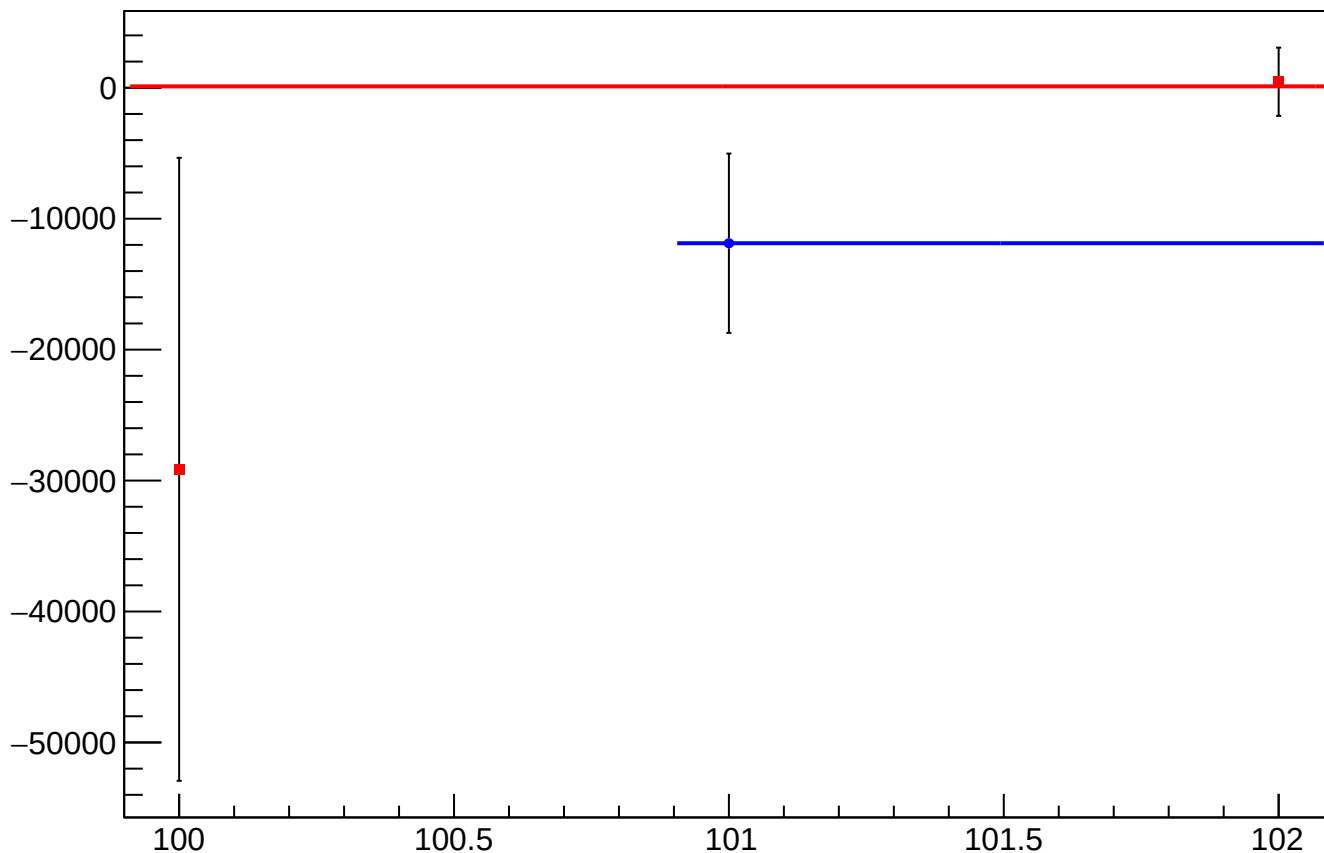
Right: 969.168 $\pm$ 0.625 χ^2 /NDF: 10702.8/2

In: 955.808 $\pm$ 0.835 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 969.168 $\pm$ 0.625 χ^2 /NDF: 10702.8/2

cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: -11873.949+/-6847.010 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.782+/-2588.327 χ^2/NDF : 1.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

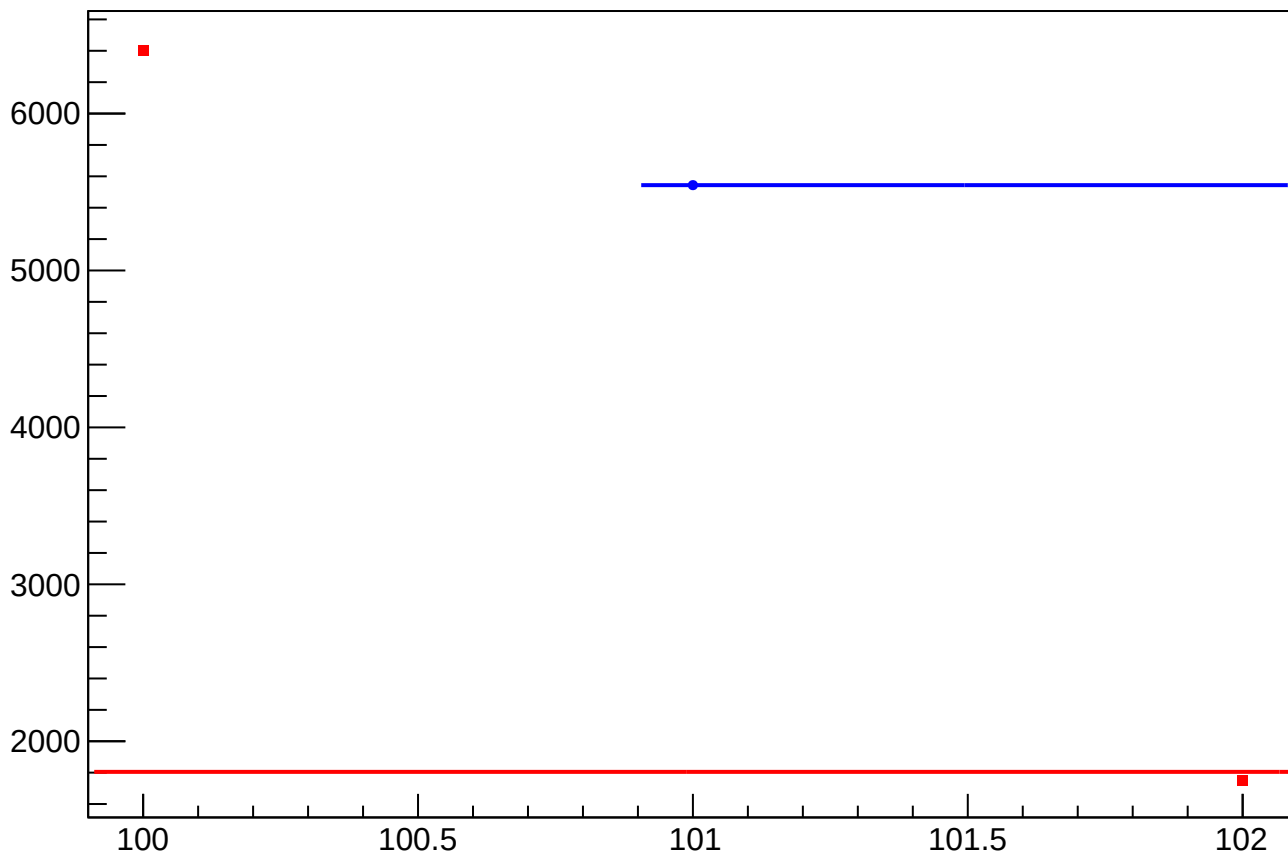
Right: -1390.340+/-2421.111 χ^2/NDF : 4.2/2

In: -11873.949+/-6847.010 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1390.340+/-2421.111 χ^2/NDF : 4.2/2

cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 5543.797 $\pm$ 4.842 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1804.864 $\pm$ 1.830 χ^2 /NDF: 75613.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

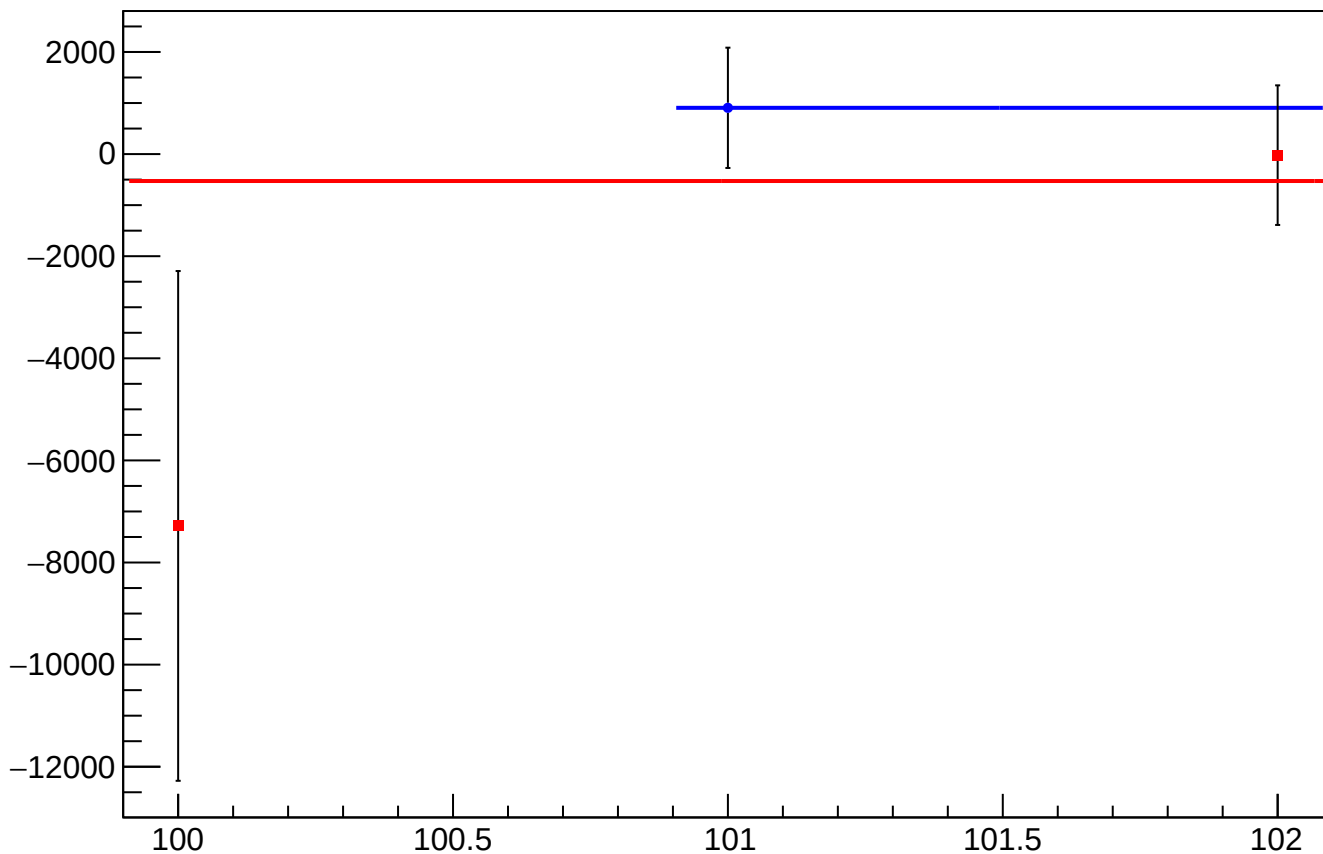
Right: 2272.330 $\pm$ 1.712 χ^2 /NDF: 597430.7/2

In: 5543.797 $\pm$ 4.842 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2272.330 $\pm$ 1.712 χ^2 /NDF: 597430.7/2

asym_usr_atr1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 906.153+/-1178.216 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -527.485+/-1318.664 χ^2/NDF : 2.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

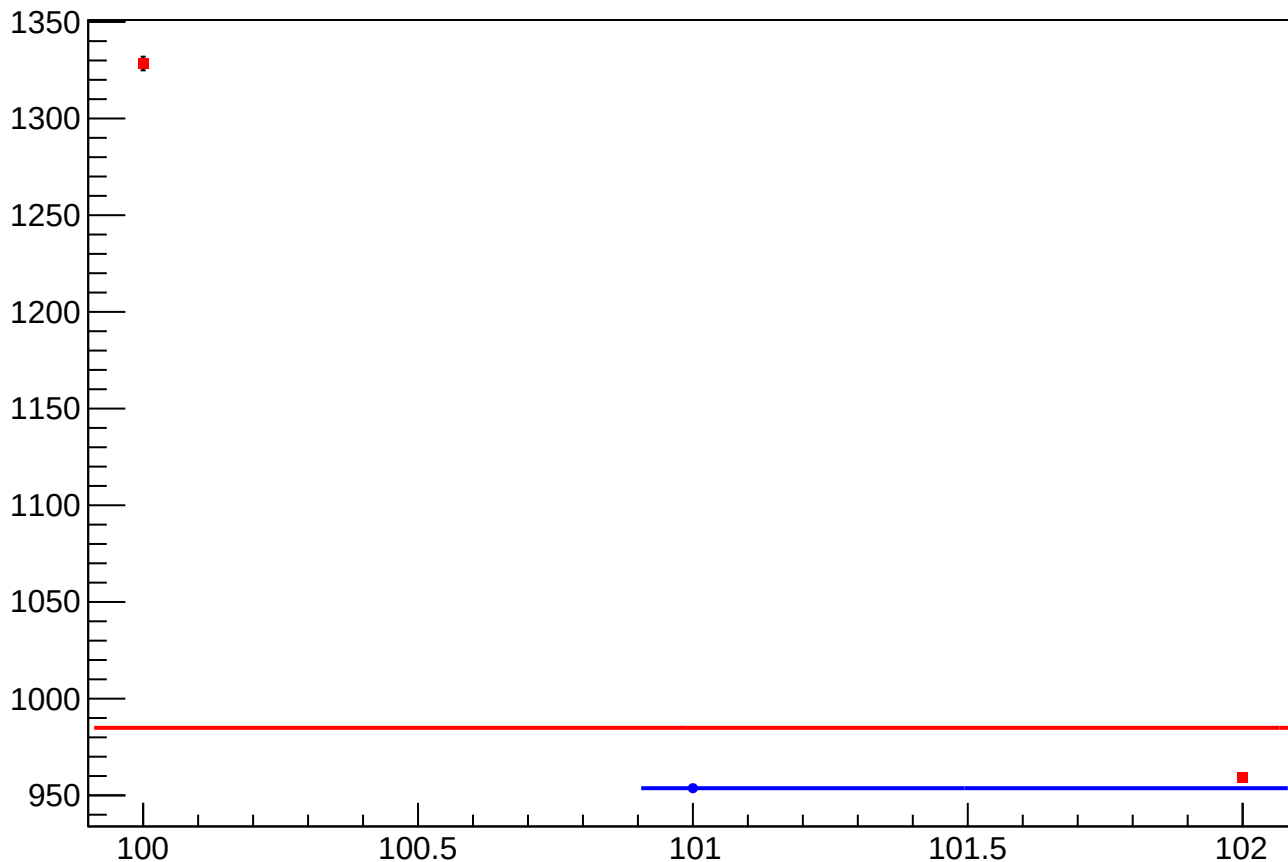
Right: 269.721+/-878.598 χ^2/NDF : 2.6/2

In: 906.153+/-1178.216 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 269.721+/-878.598 χ^2/NDF : 2.6/2

asym_usr_atr1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 953.710 $\pm$ 0.833 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 984.937 $\pm$ 0.932 χ^2 /NDF: 10178.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

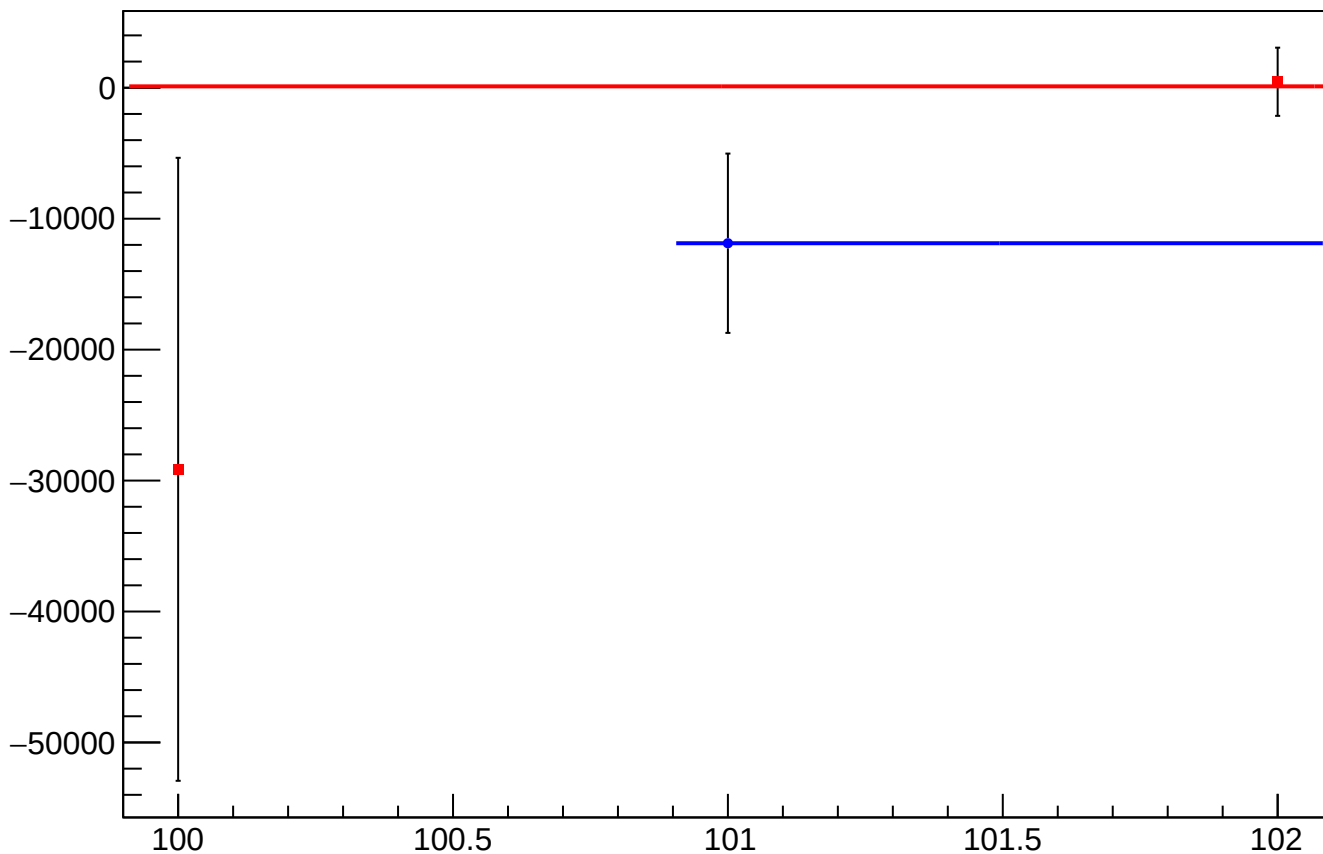
Right: 967.572 $\pm$ 0.621 χ^2 /NDF: 10802.0/2

In: 953.710 $\pm$ 0.833 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 967.572 $\pm$ 0.621 χ^2 /NDF: 10802.0/2

eigen_cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: -11873.949+/-6847.010 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.782+/-2588.327 χ^2/NDF : 1.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

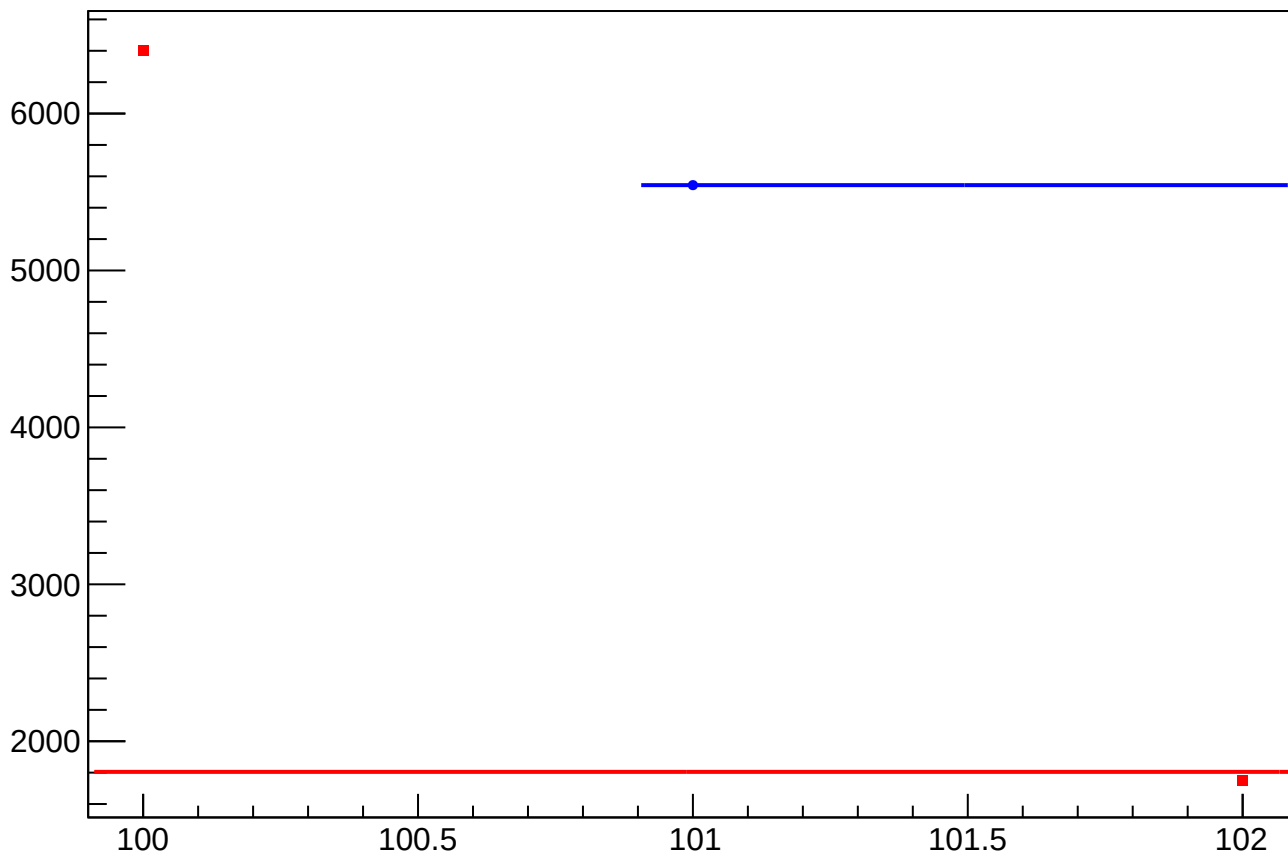
Right: -1390.340+/-2421.111 χ^2/NDF : 4.2/2

In: -11873.949+/-6847.010 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1390.340+/-2421.111 χ^2/NDF : 4.2/2

eigen_cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 5543.797 $\pm$ 4.842 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1804.864 $\pm$ 1.830 χ^2 /NDF: 75613.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

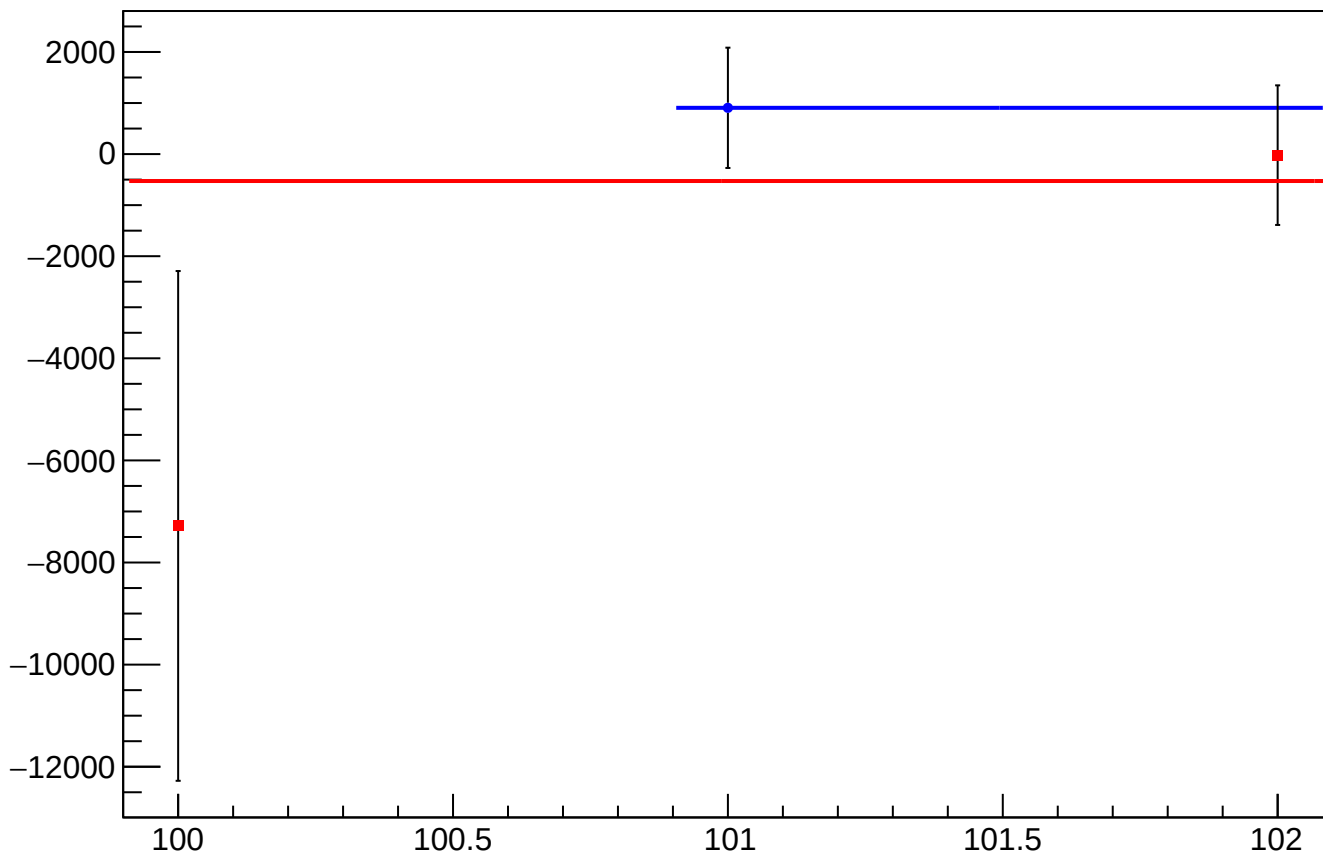
Right: 2272.330 $\pm$ 1.712 χ^2 /NDF: 597430.7/2

In: 5543.797 $\pm$ 4.842 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2272.330 $\pm$ 1.712 χ^2 /NDF: 597430.7/2

asym_usr_atr1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 906.153+/-1178.216 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -527.485+/-1318.664 χ^2/NDF : 2.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

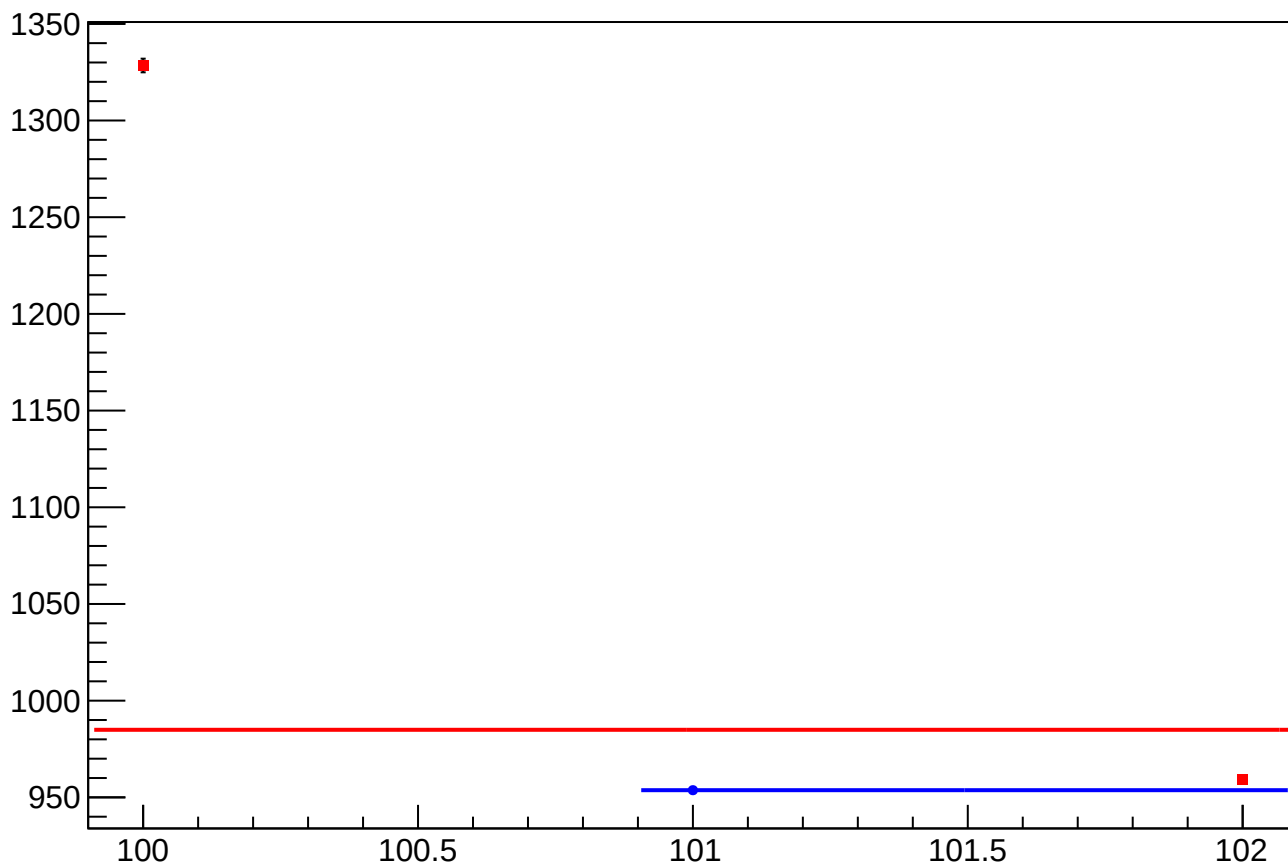
Right: 269.721+/-878.598 χ^2/NDF : 2.6/2

In: 906.153+/-1178.216 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 269.721+/-878.598 χ^2/NDF : 2.6/2

asym_usr_atr1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 953.710 $\pm$ 0.833 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 984.937 $\pm$ 0.932 χ^2 /NDF: 10178.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

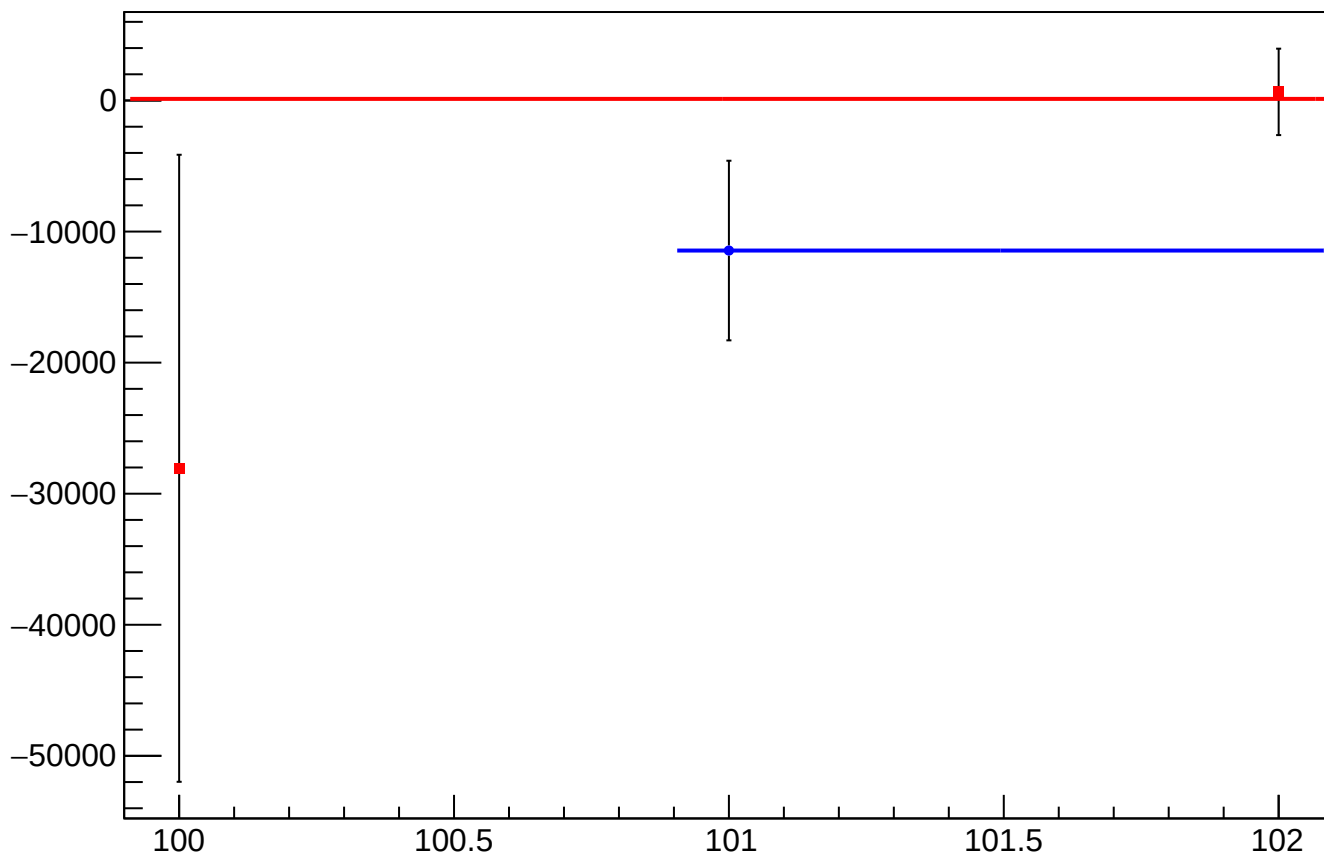
Right: 967.572 $\pm$ 0.621 χ^2 /NDF: 10802.0/2

In: 953.710 $\pm$ 0.833 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 967.572 $\pm$ 0.621 χ^2 /NDF: 10802.0/2

dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: -11448.099+/-6852.329 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.232+/-3265.814 χ^2/NDF : 1.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

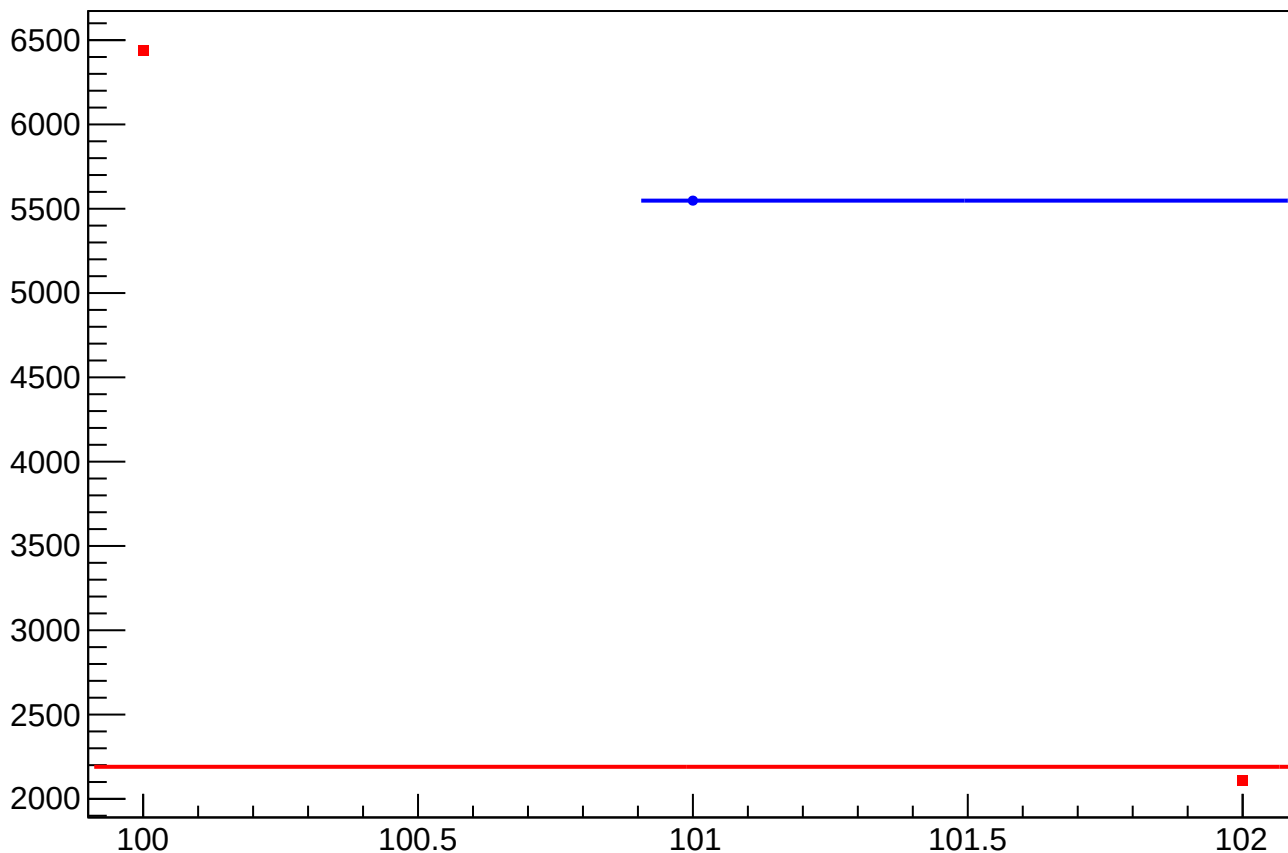
Right: -2019.453+/-2948.106 χ^2/NDF : 3.7/2

In: -11448.099+/-6852.329 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2019.453+/-2948.106 χ^2/NDF : 3.7/2

dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 5548.116 $\pm$ 4.845 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2190.218 $\pm$ 2.309 χ^2 /NDF: 64279.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

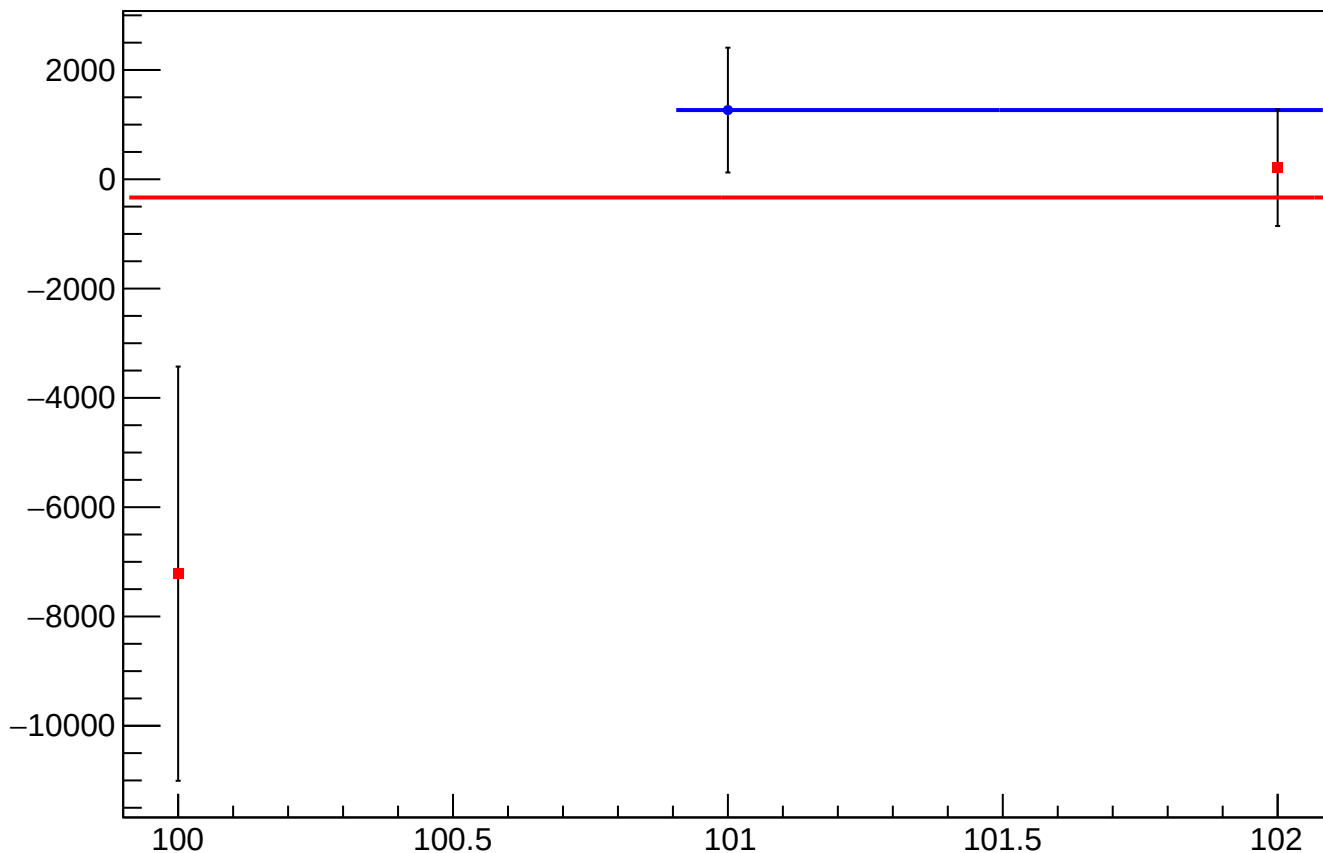
Right: 2811.717 $\pm$ 2.085 χ^2 /NDF: 455661.8/2

In: 5548.116 $\pm$ 4.845 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2811.717 $\pm$ 2.085 χ^2 /NDF: 455661.8/2

asym_usr_atr1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1266.352+/-1141.855 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -333.102+/-1026.555 χ^2/NDF : 3.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

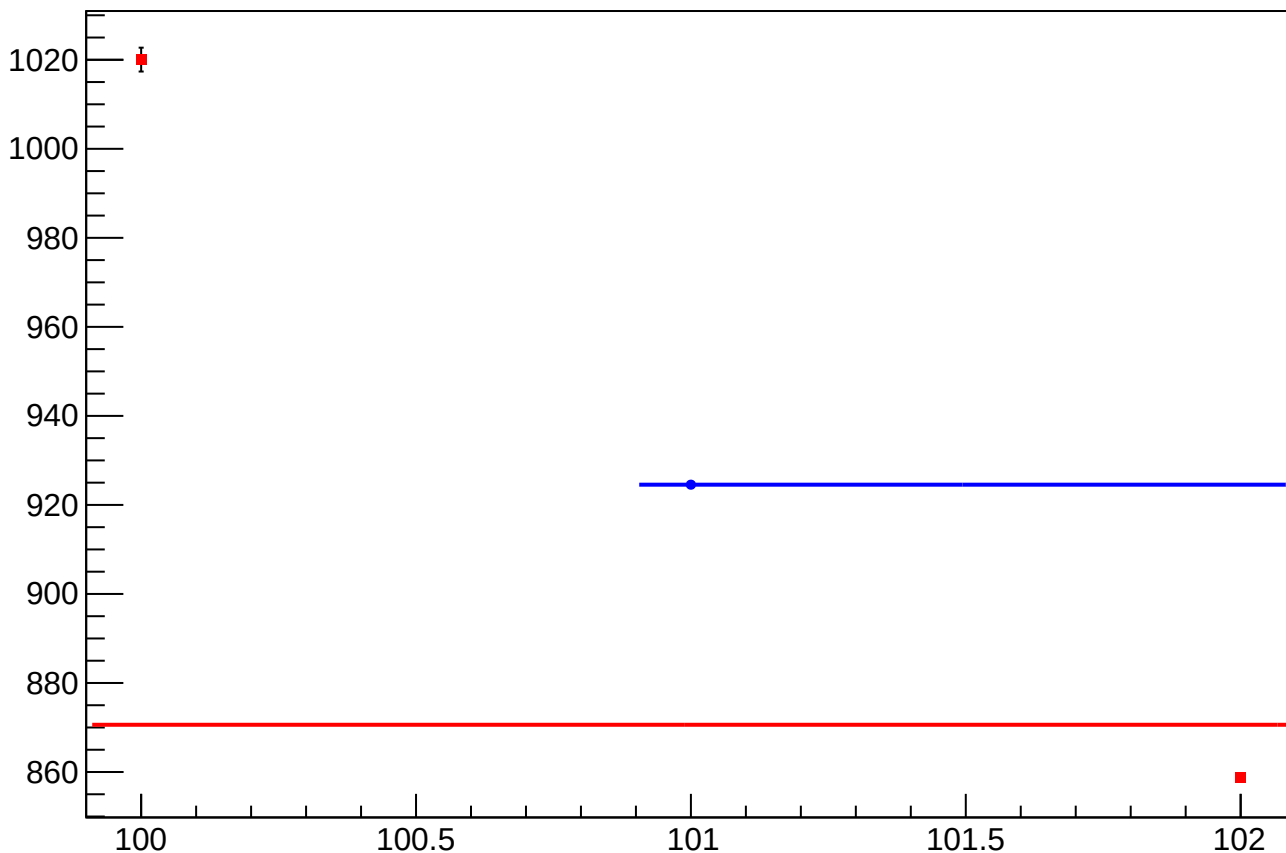
Right: 381.817+/-763.403 χ^2/NDF : 4.6/2

In: 1266.352+/-1141.855 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 381.817+/-763.403 χ^2/NDF : 4.6/2

asym_usr_atr1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 924.547 $\pm$ 0.807 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 870.610 $\pm$ 0.726 χ^2 /NDF: 3355.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

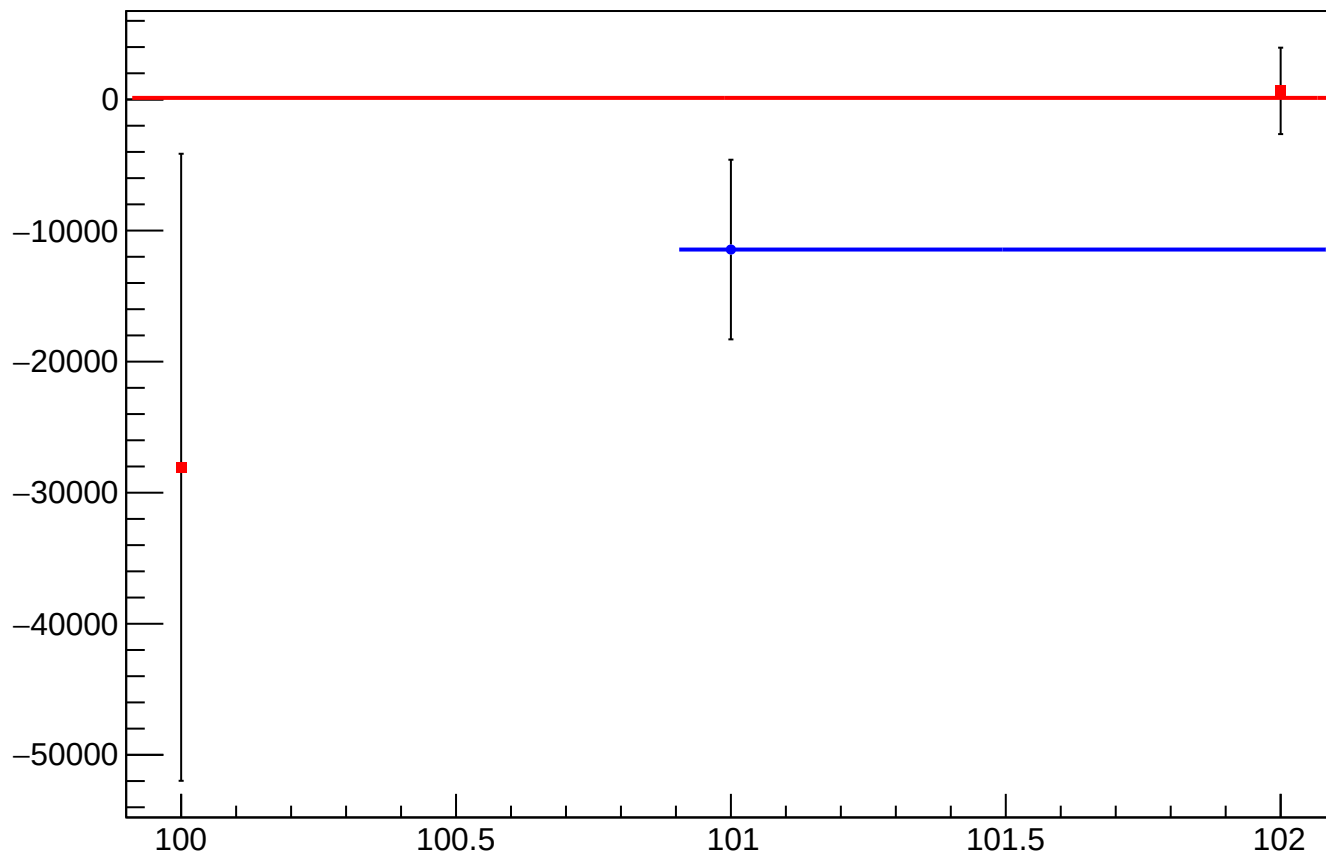
Right: 894.719 $\pm$ 0.540 χ^2 /NDF: 5823.5/2

In: 924.547 $\pm$ 0.807 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 894.719 $\pm$ 0.540 χ^2 /NDF: 5823.5/2

eigen_dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: -11448.102+/-6852.329 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.226+/-3265.813 χ^2/NDF : 1.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

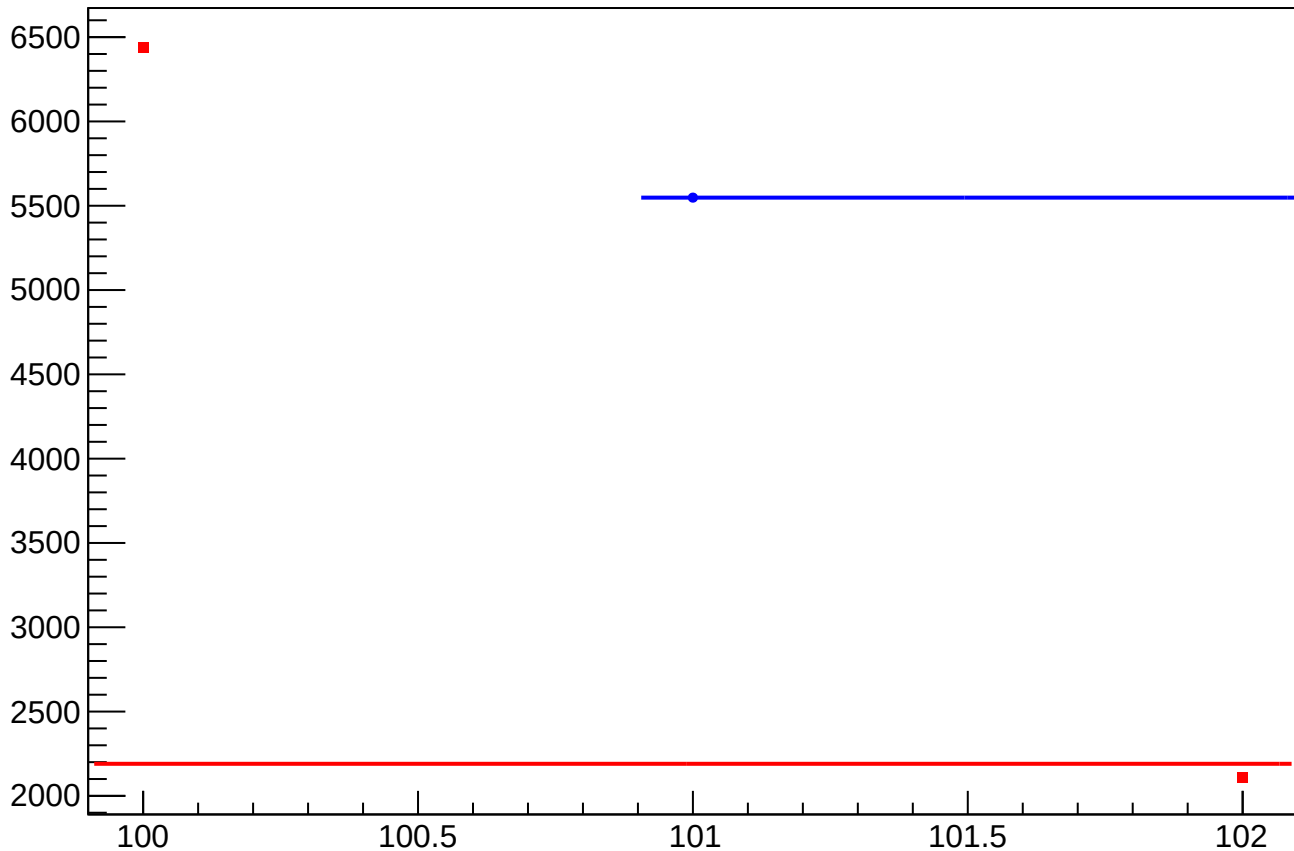
Right: -2019.459+/-2948.106 χ^2/NDF : 3.7/2

In: -11448.102+/-6852.329 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2019.459+/-2948.106 χ^2/NDF : 3.7/2

eigen_dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 5548.116+/-4.845 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2190.218+/-2.309 χ^2/NDF : 64279.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

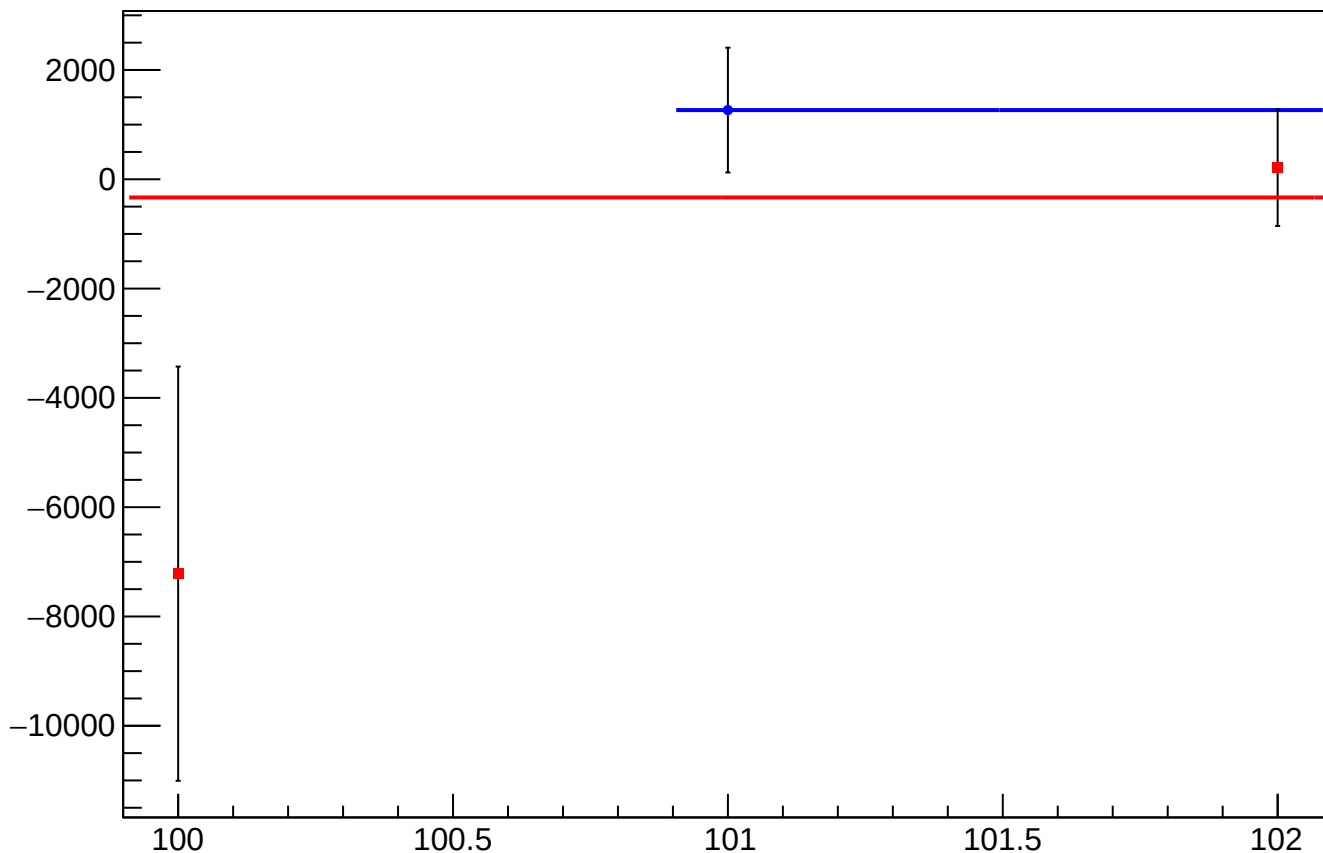
Right: 2811.717+/-2.085 χ^2/NDF : 455661.9/2

In: 5548.116+/-4.845 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2811.717+/-2.085 χ^2/NDF : 455661.9/2

asym_usr_atr1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1266.350+/-1141.853 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -333.106+/-1026.557 χ^2/NDF : 3.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

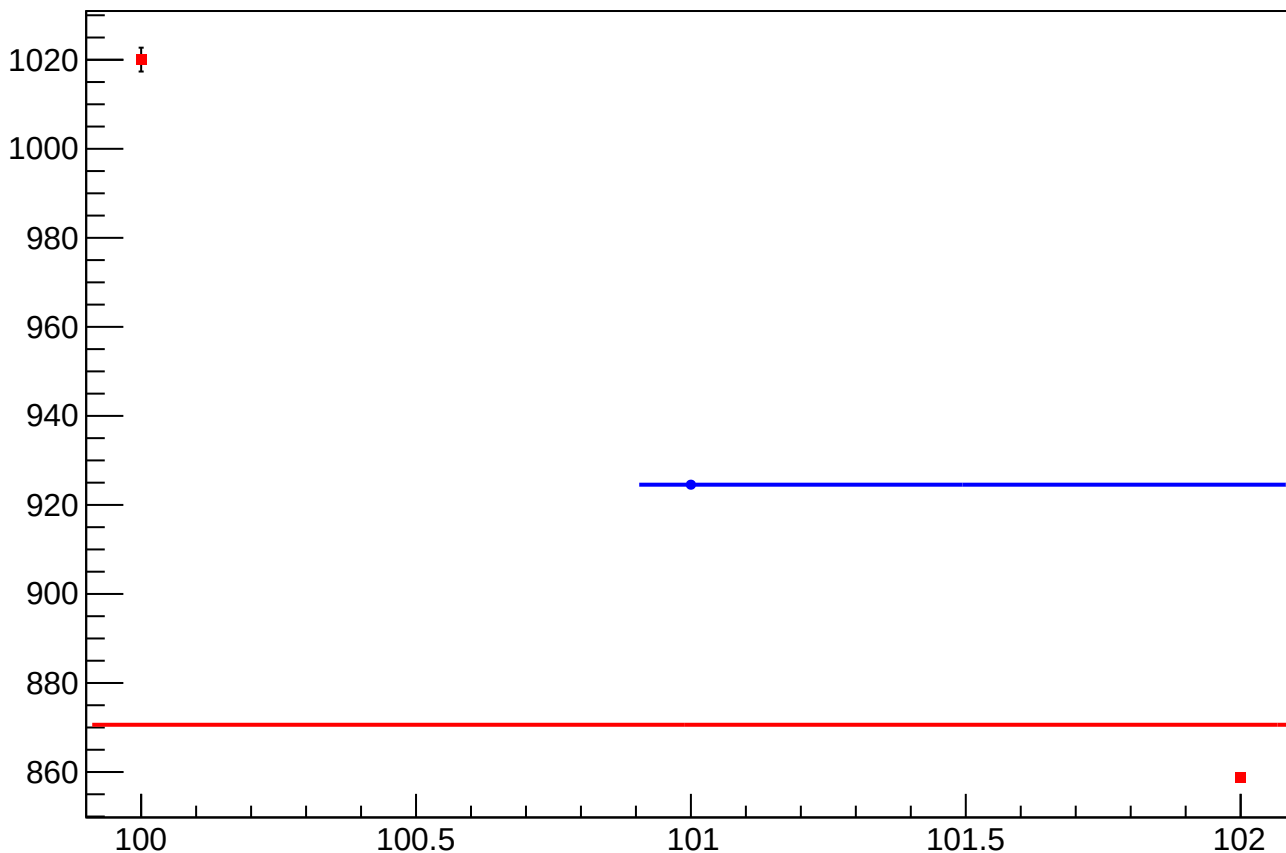
Right: 381.818+/-763.403 χ^2/NDF : 4.6/2

In: 1266.350+/-1141.853 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 381.818+/-763.403 χ^2/NDF : 4.6/2

asym_usr_atr1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 924.545 $\pm$ 0.807 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 870.612 $\pm$ 0.726 χ^2 /NDF: 3355.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

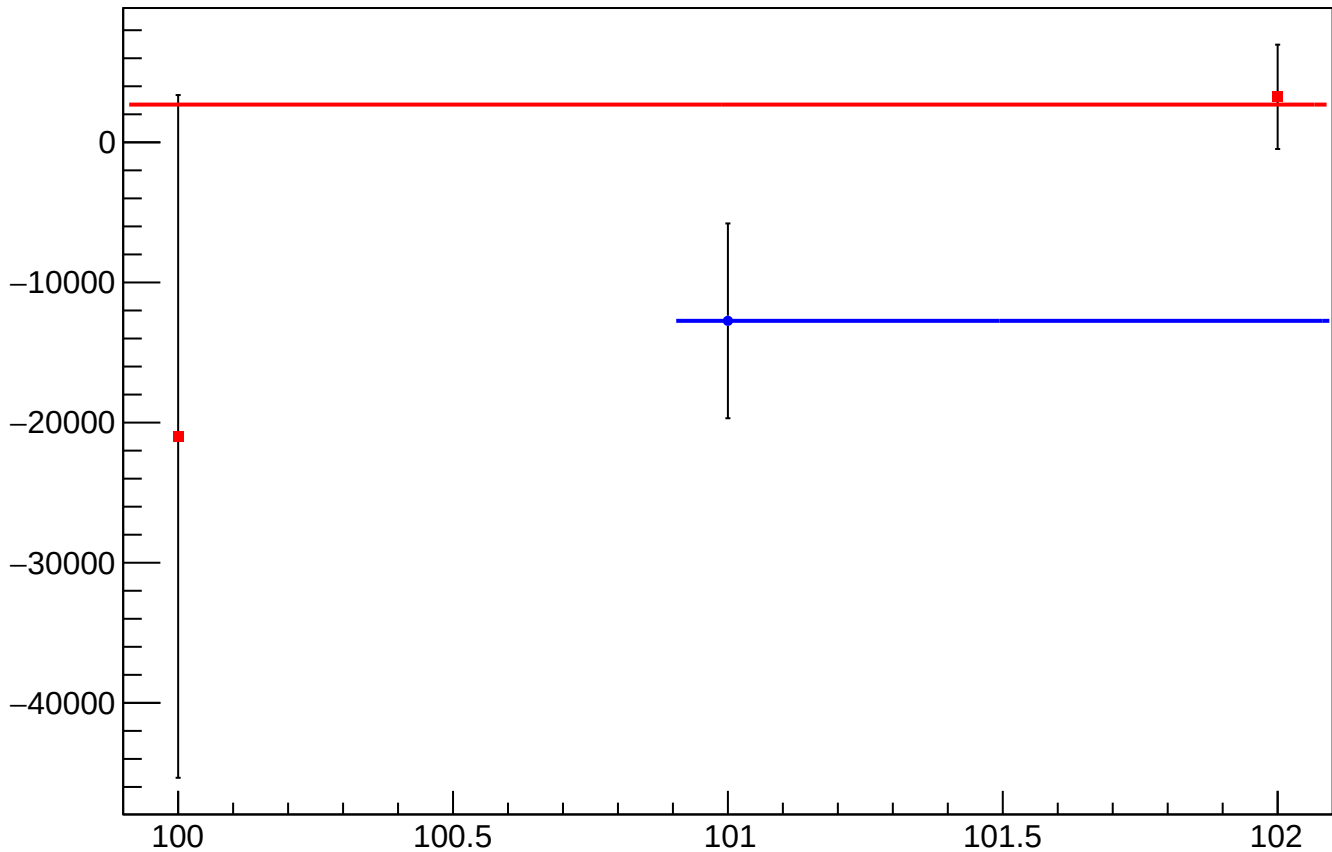
Right: 894.719 $\pm$ 0.540 χ^2 /NDF: 5823.0/2

In: 924.545 $\pm$ 0.807 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 894.719 $\pm$ 0.540 χ^2 /NDF: 5823.0/2

asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: -12738.369+/-6950.568 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2693.628+/-3679.693 χ^2/NDF : 1.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

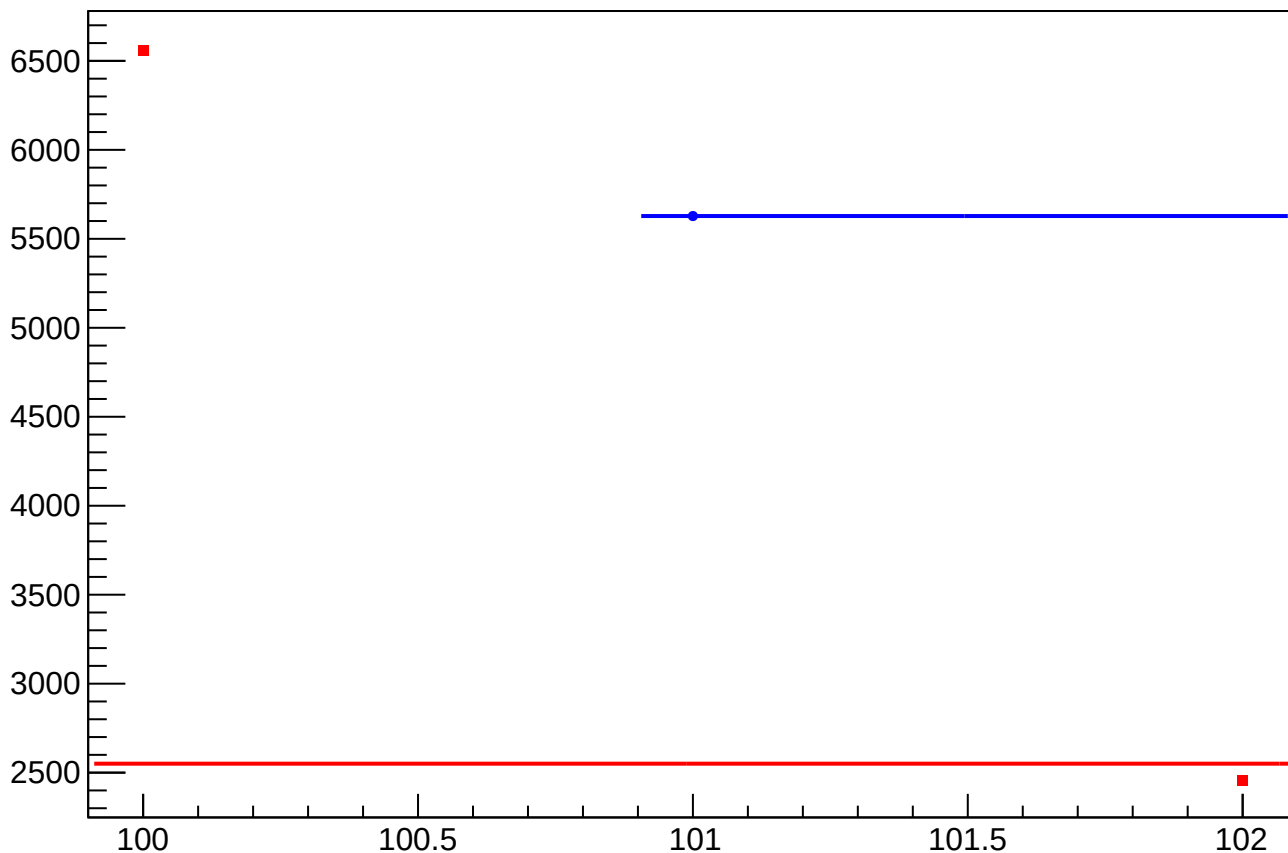
Right: -684.699+/-3252.072 χ^2/NDF : 4.8/2

In: -12738.369+/-6950.568 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -684.699+/-3252.072 χ^2/NDF : 4.8/2

asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 5628.014 $\pm$ 4.915 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2550.350 $\pm$ 2.602 χ^2 /NDF: 55366.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

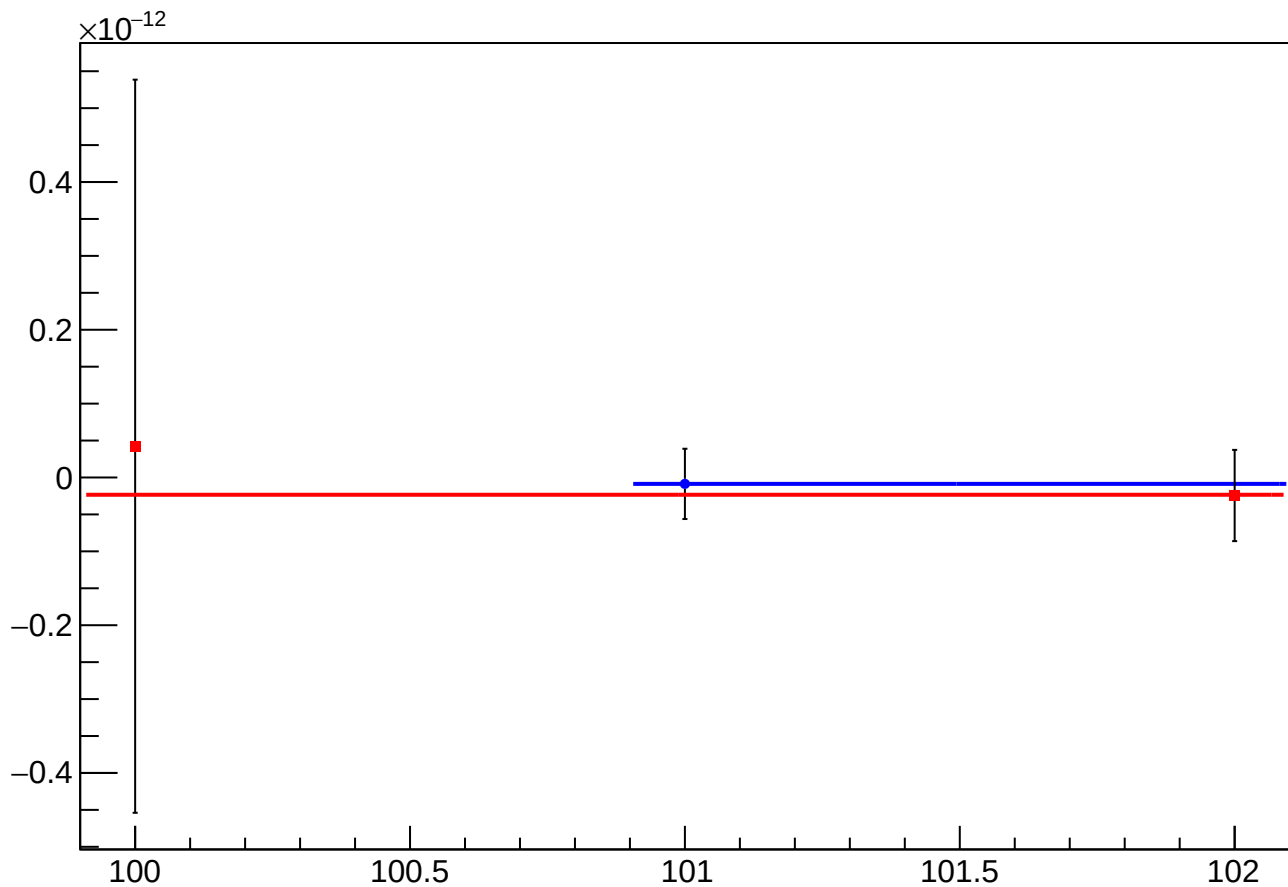
Right: 3224.033 $\pm$ 2.299 χ^2 /NDF: 361662.7/2

In: 5628.014 $\pm$ 4.915 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3224.033 $\pm$ 2.299 χ^2 /NDF: 361662.7/2

asym_usr_atr1_dd_reg_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 : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

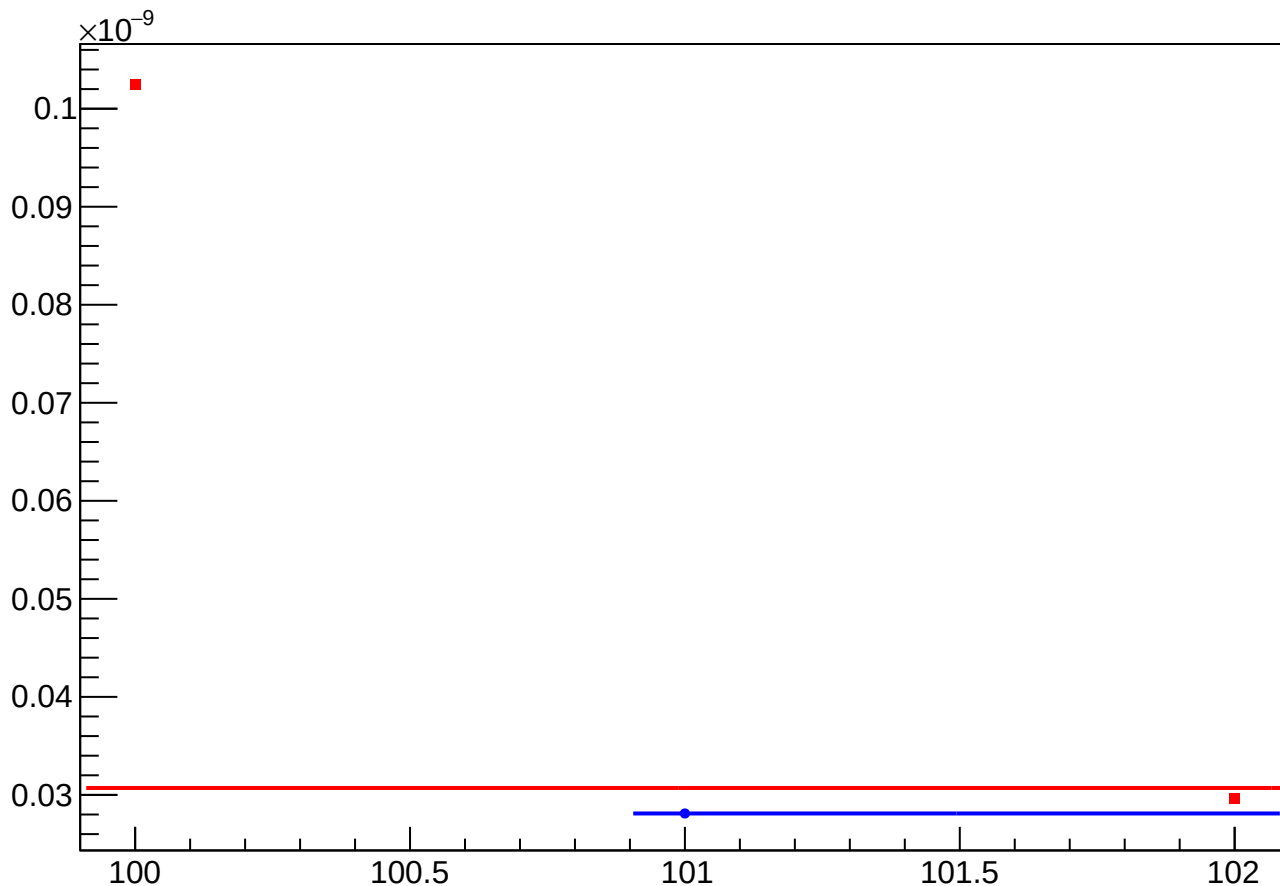
Right: -0.000+/-0.000 χ^2/NDF : 0.1/2

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 : 0.1/2

asym_usr_atr1_dd_reg_vs_cor_diff_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 : 42517.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

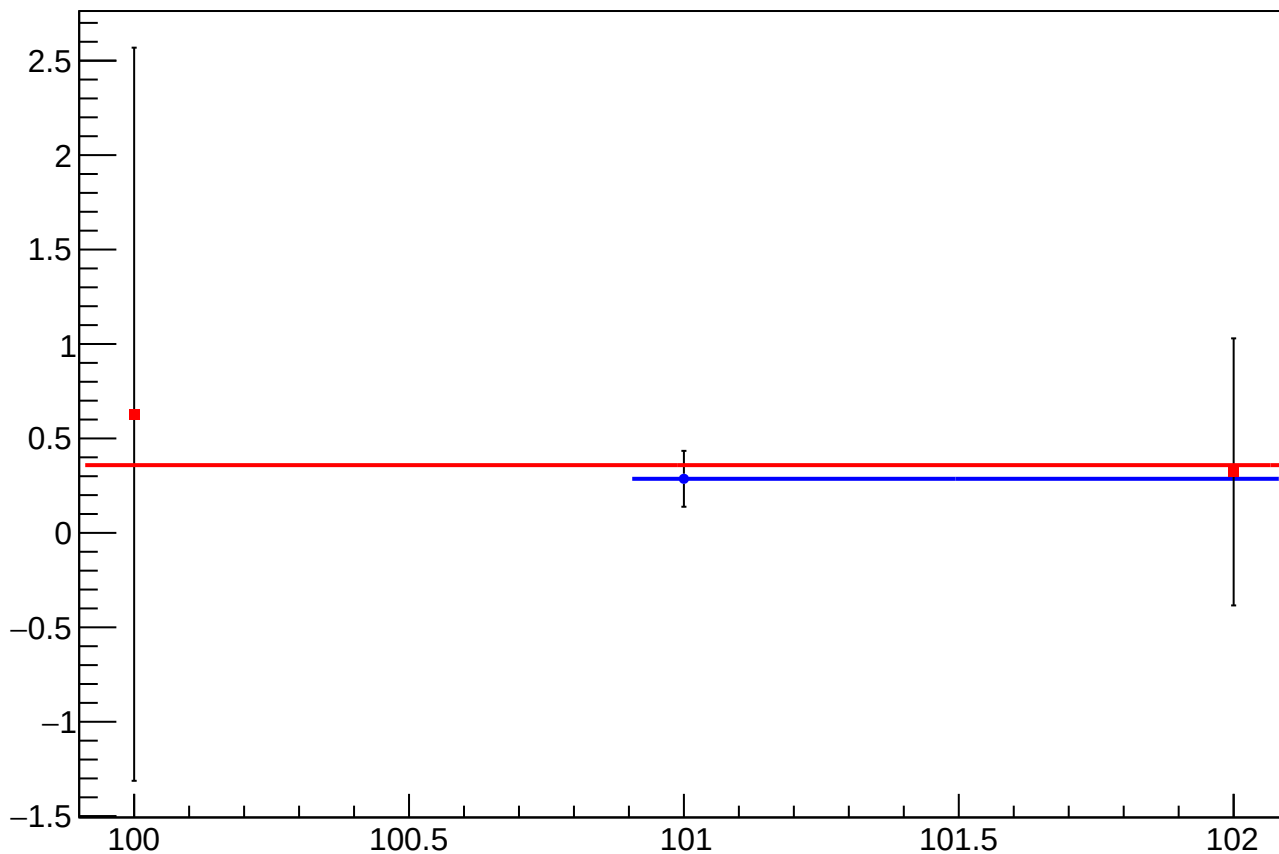
Right: 0.000+/-0.000 χ^2/NDF : 44764.5/2

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 : 44764.5/2

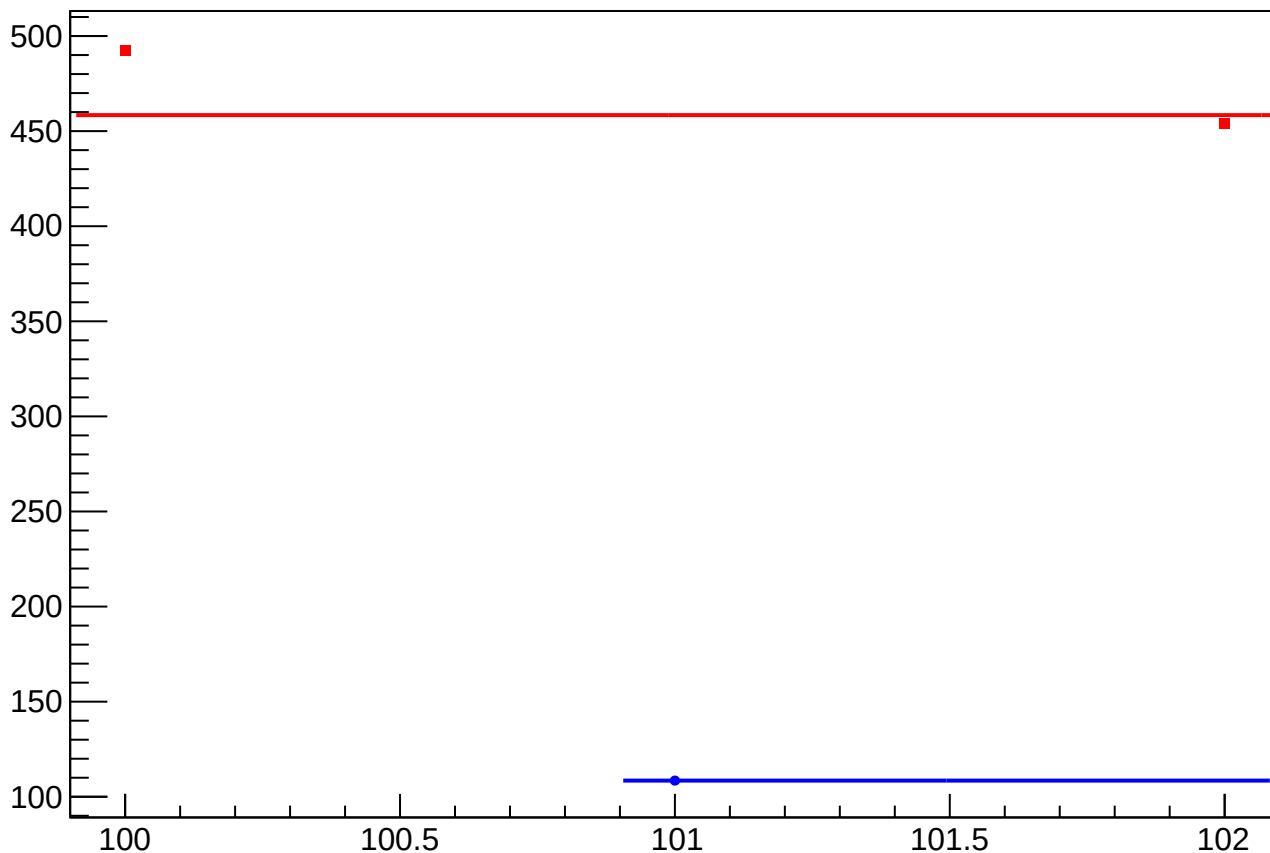
asym_usr_atr1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.286 $\pm$ 0.148 χ^2/NDF : 0.0/0
 Left Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0
 Right Out: 0.359 $\pm$ 0.664 χ^2/NDF : 0.0/1
 Left In: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right: 0.290 $\pm$ 0.144 χ^2/NDF : 0.0/2
 In: 0.286 $\pm$ 0.148 χ^2/NDF :0.0/0
 Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0
 All: 0.290 $\pm$ 0.144 χ^2/NDF : 0.0/2

asym_usr_atr1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.495+/-0.105 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 458.411+/-0.470 χ^2/NDF : 699.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

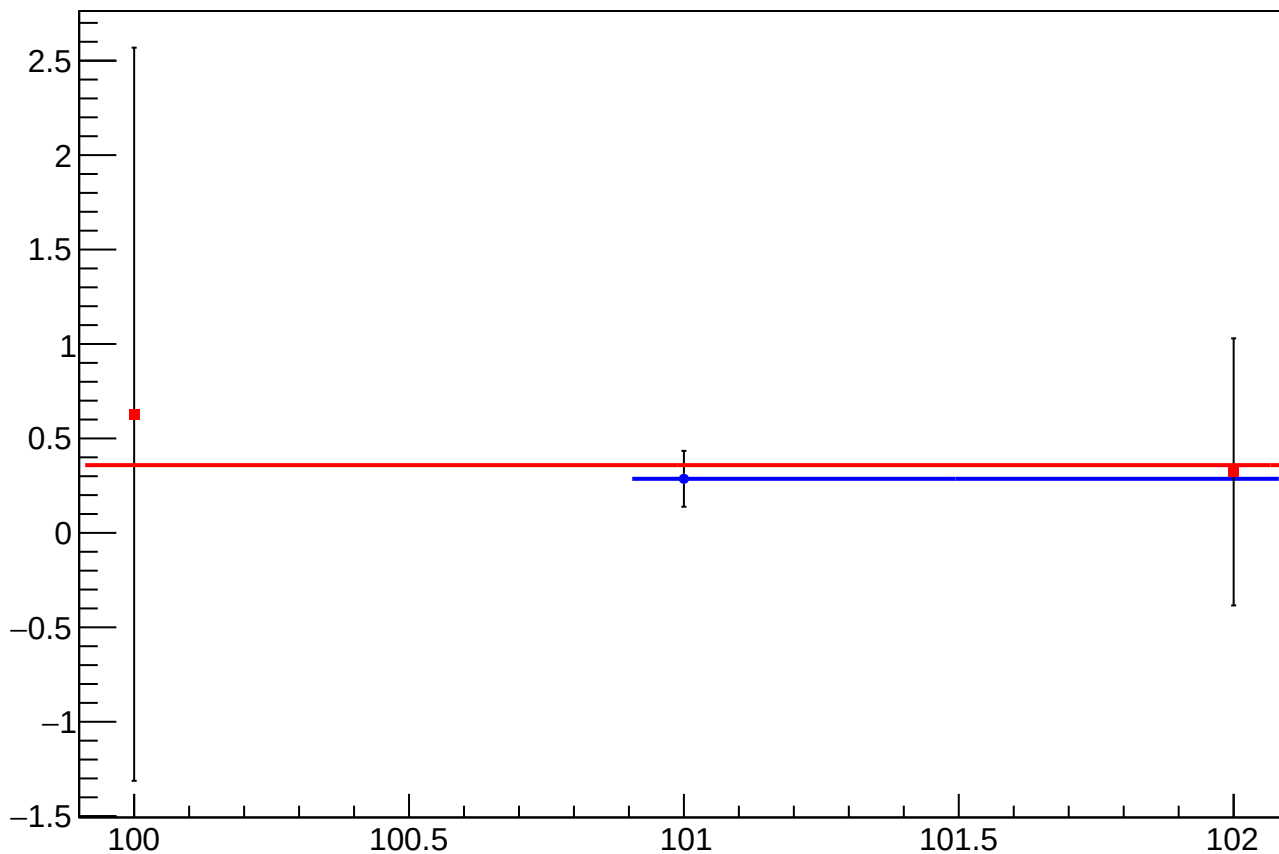
Right: 125.031+/-0.102 χ^2/NDF : 529496.0/2

In: 108.495+/-0.105 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.031+/-0.102 χ^2/NDF : 529496.0/2

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.286+/-0.148 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.359+/-0.664 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

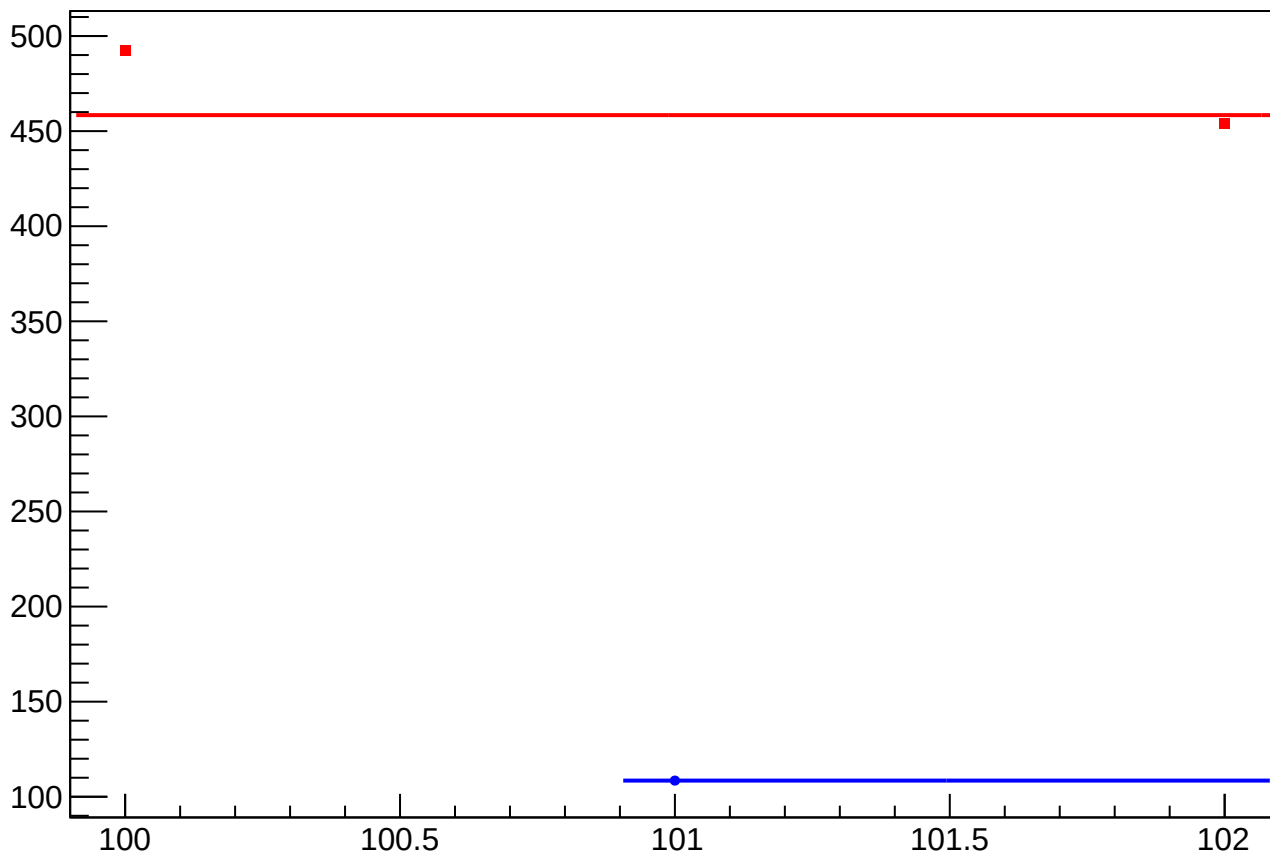
Right: 0.290+/-0.144 χ^2/NDF : 0.0/2

In: 0.286+/-0.148 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.290+/-0.144 χ^2/NDF : 0.0/2

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.495+/-0.105 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 458.411+/-0.470 χ^2/NDF : 699.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

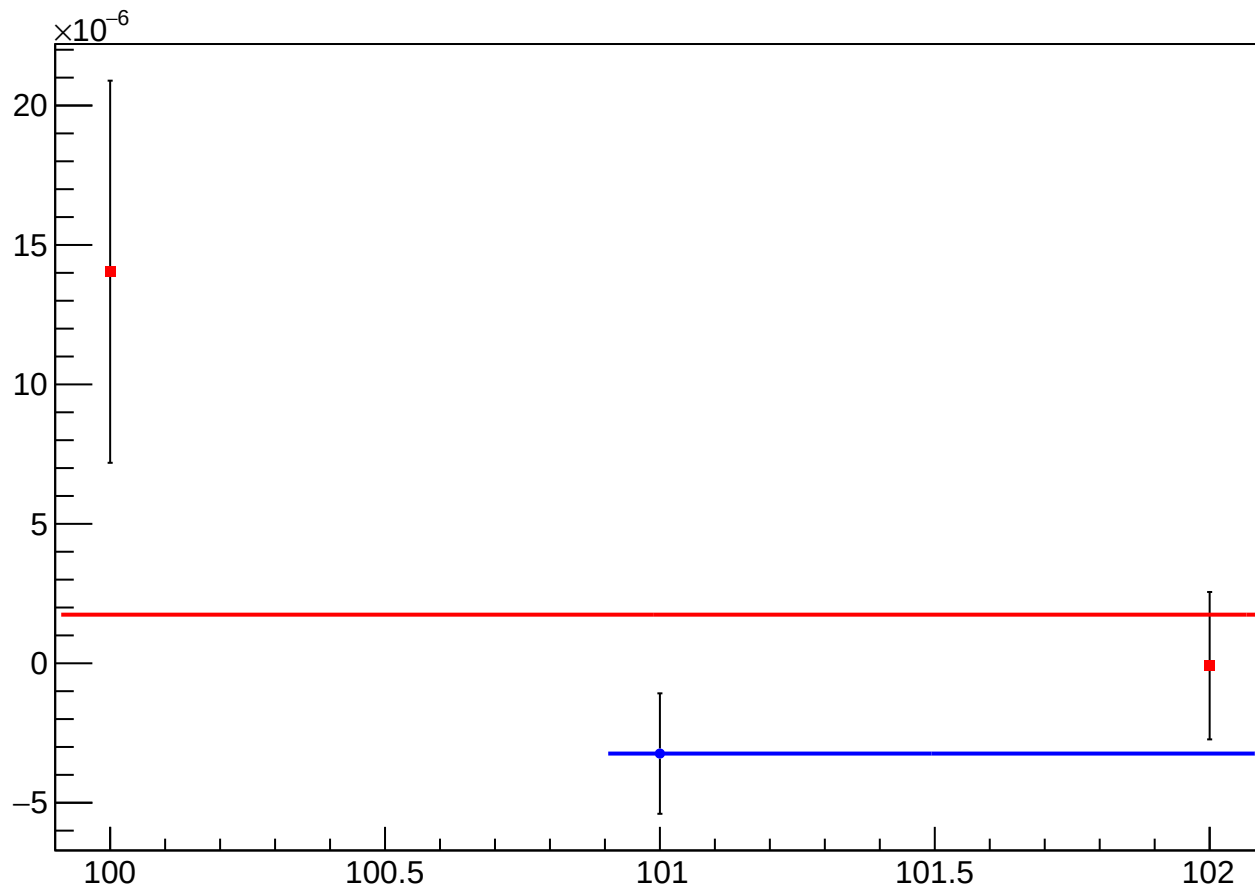
Right: 125.031+/-0.102 χ^2/NDF : 529496.0/2

In: 108.495+/-0.105 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.031+/-0.102 χ^2/NDF : 529496.0/2

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_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 : 3.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

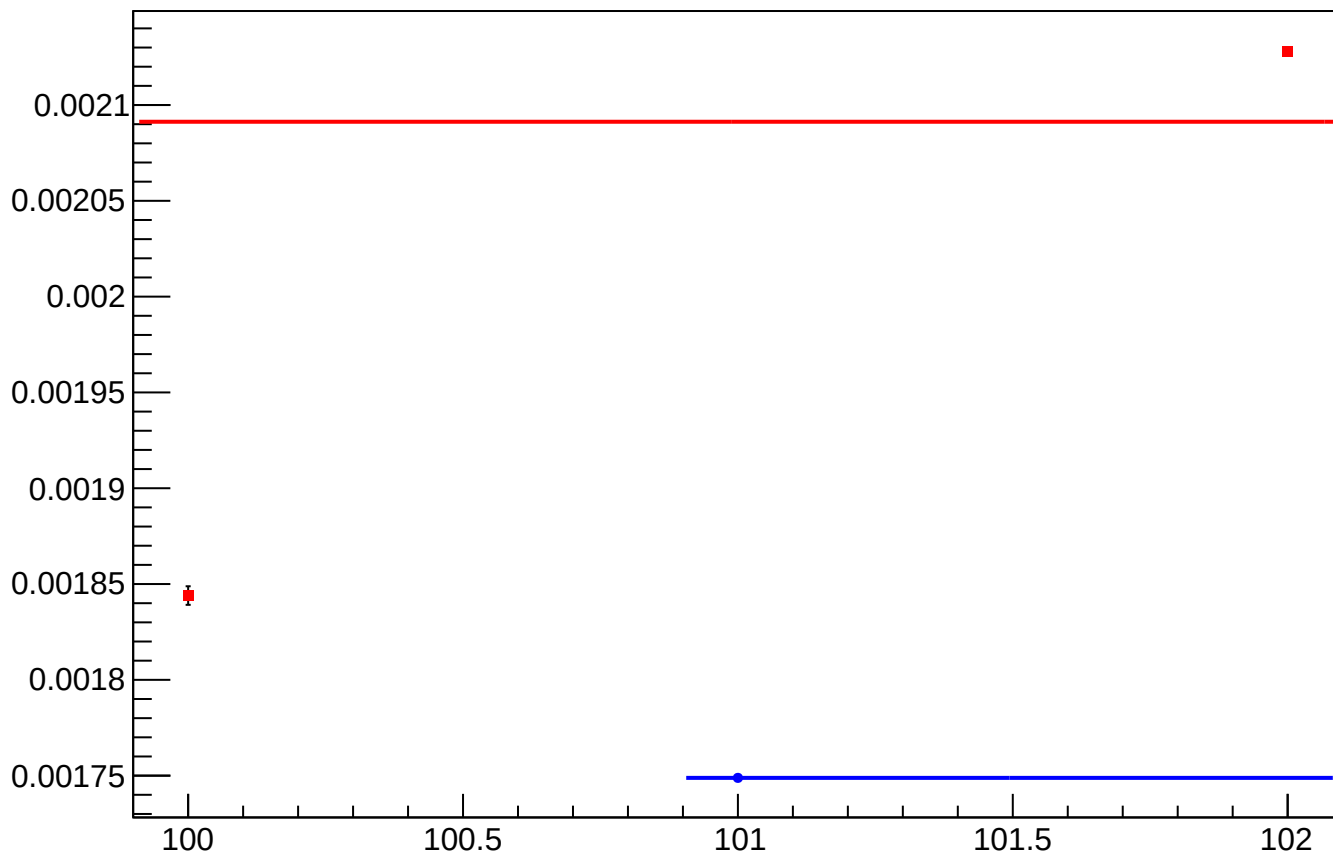
Right: -0.000+/-0.000 χ^2/NDF : 6.0/2

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 : 6.0/2

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2993.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

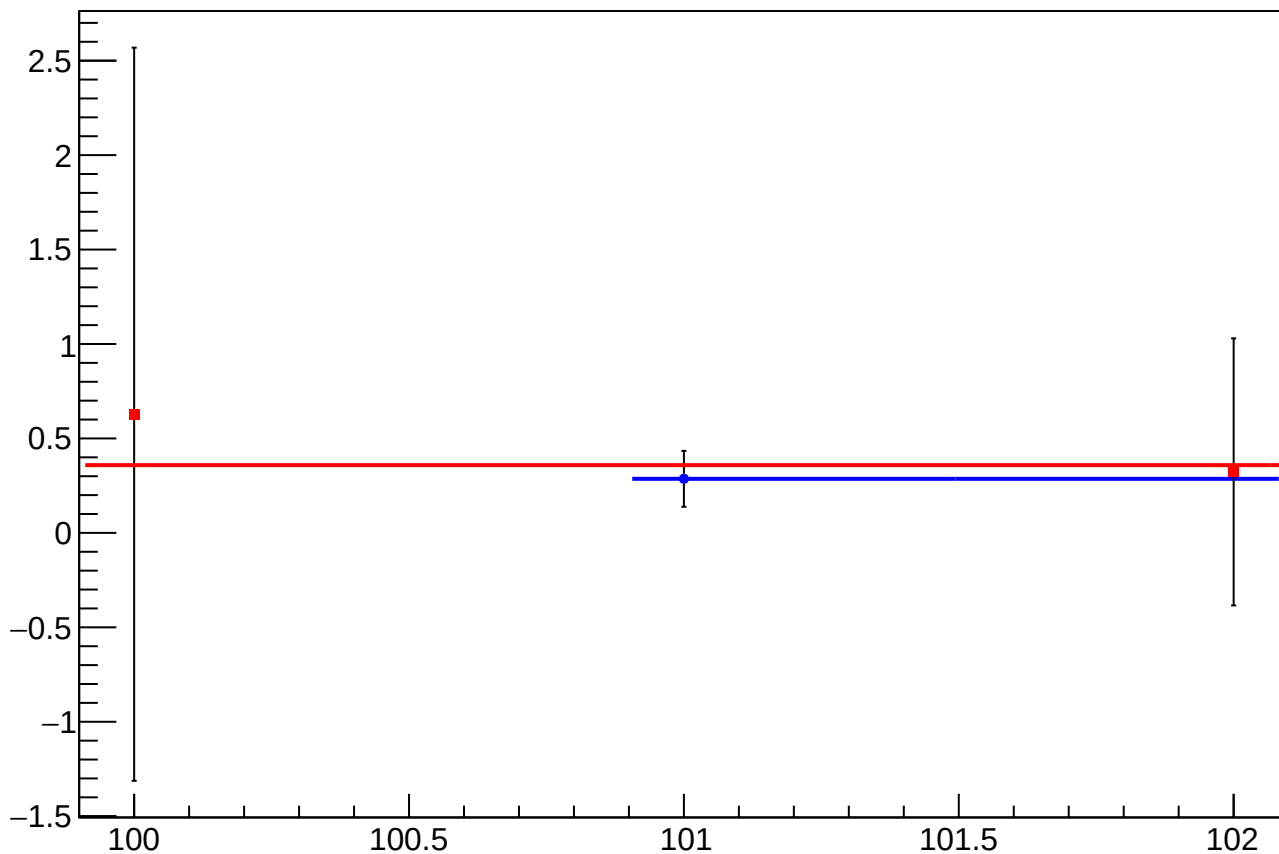
Right: 0.002+/-0.000 χ^2/NDF : 24823.7/2

In: 0.002+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 24823.7/2

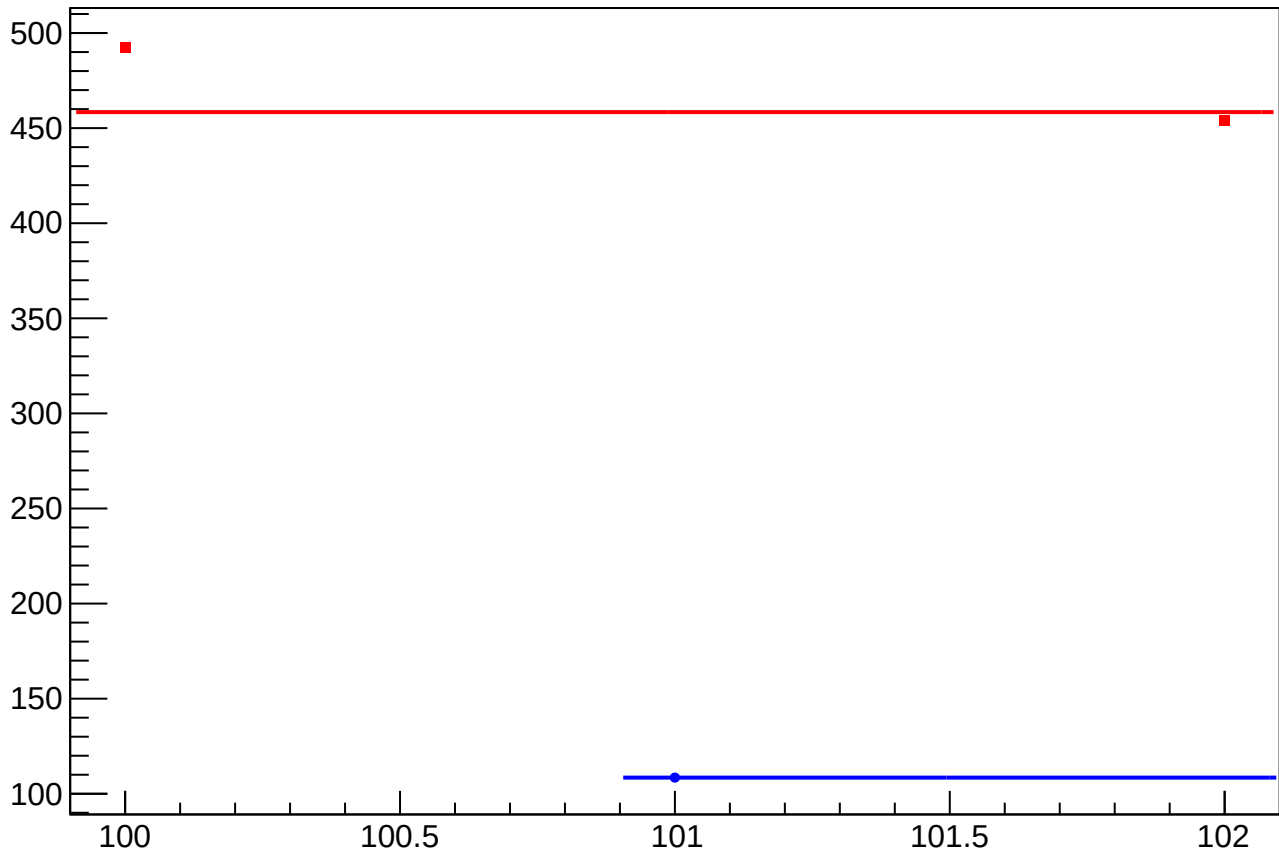
asym_usr_atr1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.286 $\pm$ 0.148 χ^2/NDF : 0.0/0
 Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right Out: 0.359 $\pm$ 0.664 χ^2/NDF : 0.0/1
 Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right: 0.290 $\pm$ 0.144 χ^2/NDF : 0.0/2
 In: 0.286 $\pm$ 0.148 χ^2/NDF : 0.0/0
 Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: 0.290 $\pm$ 0.144 χ^2/NDF : 0.0/2

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.495 $\pm$ 0.105 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 458.412 $\pm$ 0.470 χ^2 /NDF: 699.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

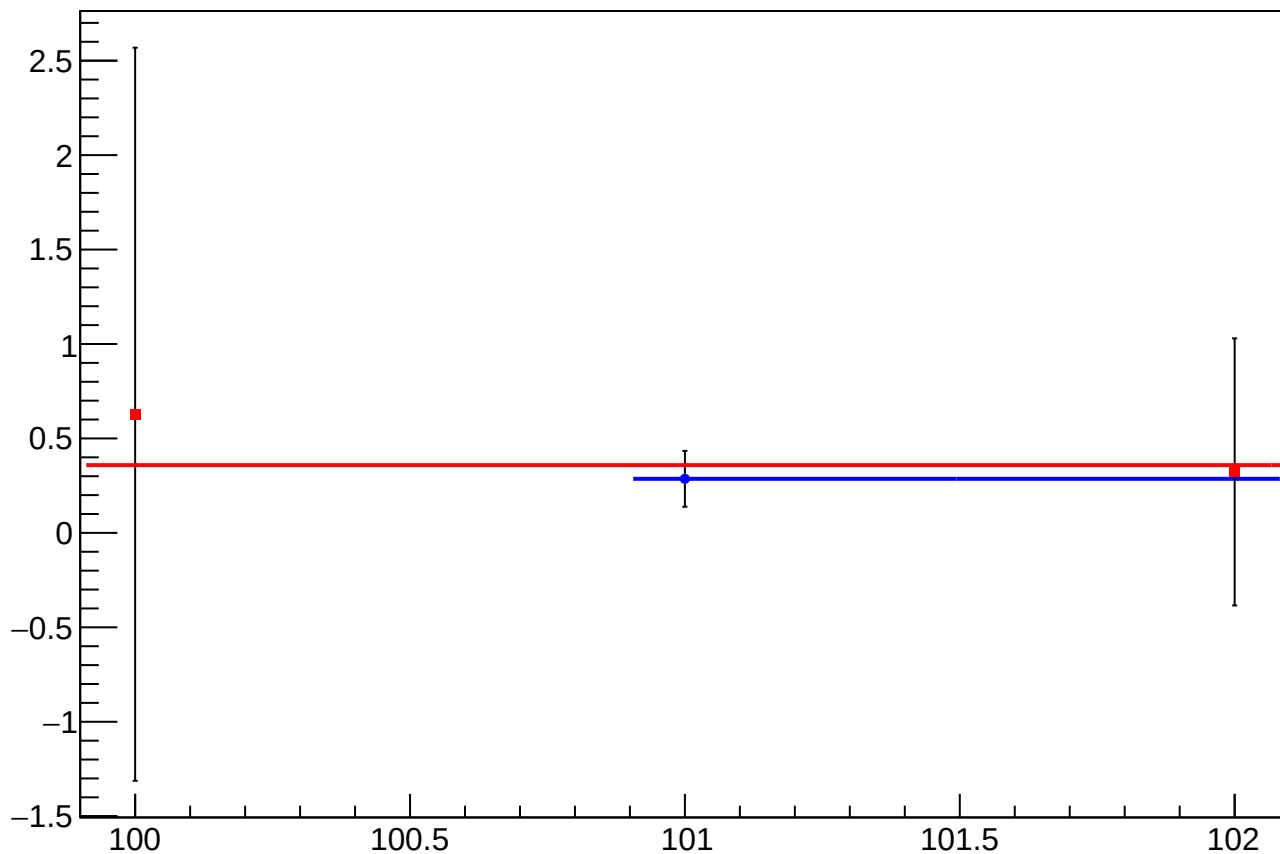
Right: 125.031 $\pm$ 0.102 χ^2 /NDF: 529496.8/2

In: 108.495 $\pm$ 0.105 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 125.031 $\pm$ 0.102 χ^2 /NDF: 529496.8/2

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.286 $\pm$ 0.148 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.359 $\pm$ 0.664 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

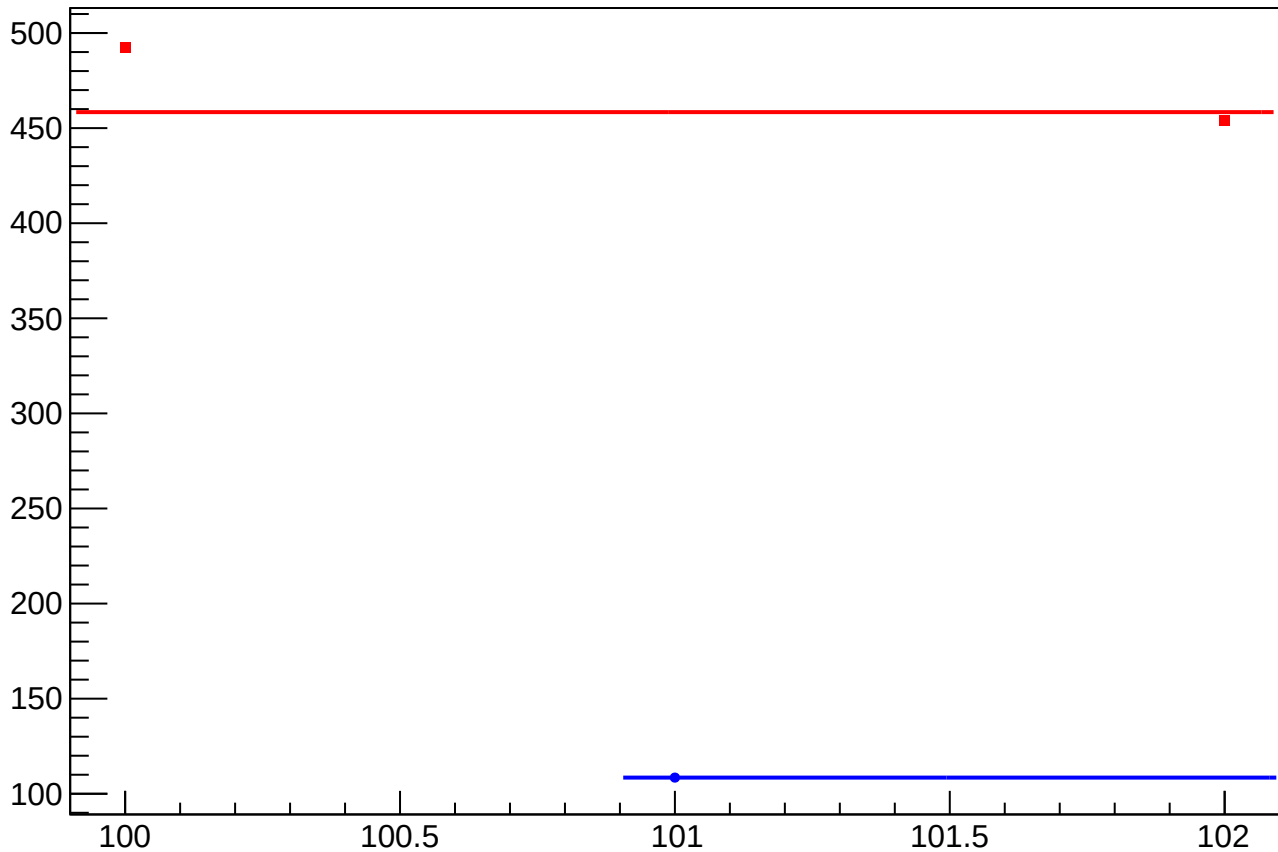
Right: 0.290 $\pm$ 0.144 χ^2 /NDF: 0.0/2

In: 0.286 $\pm$ 0.148 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.290 $\pm$ 0.144 χ^2 /NDF: 0.0/2

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 108.495 $\pm$ 0.105 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 458.412 $\pm$ 0.470 χ^2 /NDF: 699.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

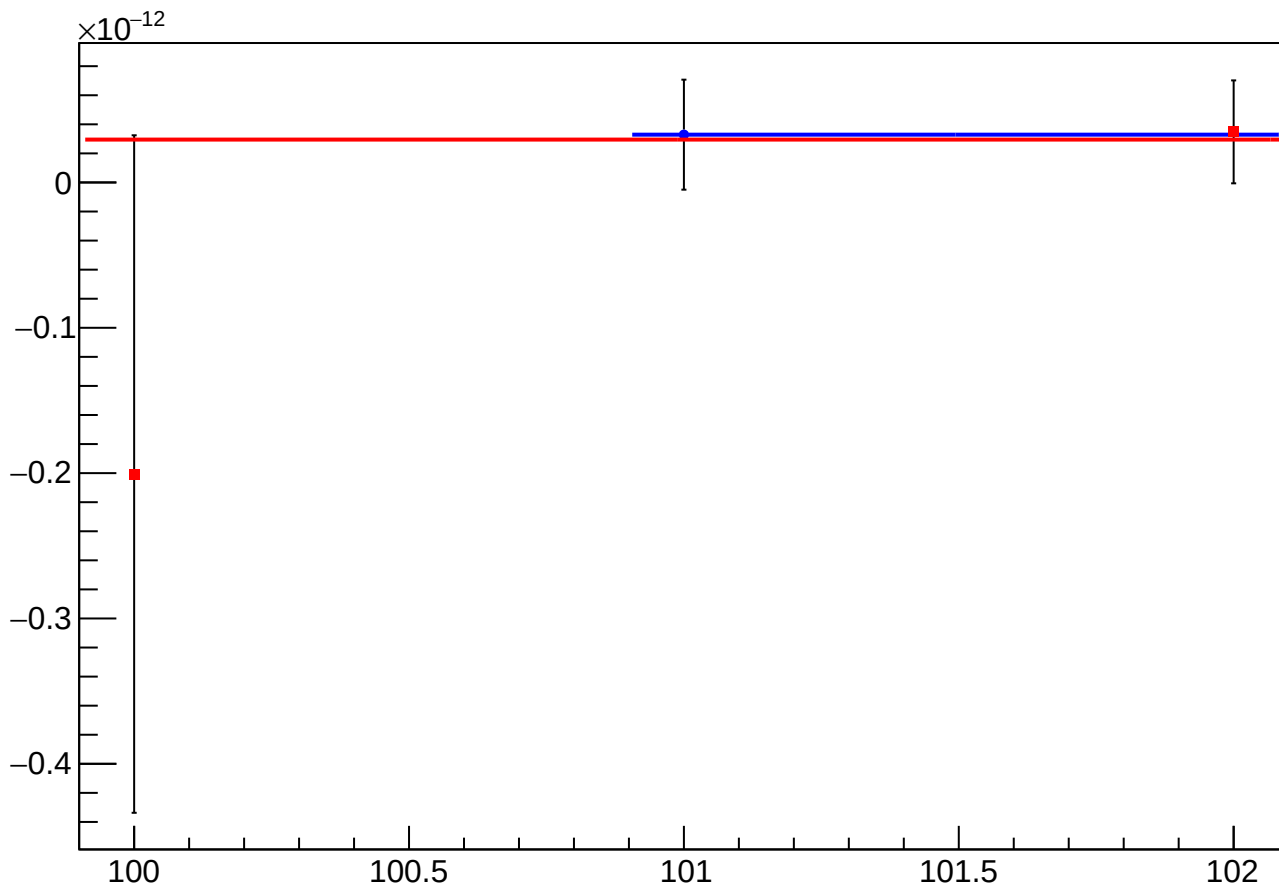
Right: 125.031 $\pm$ 0.102 χ^2 /NDF: 529496.8/2

In: 108.495 $\pm$ 0.105 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 125.031 $\pm$ 0.102 χ^2 /NDF: 529496.8/2

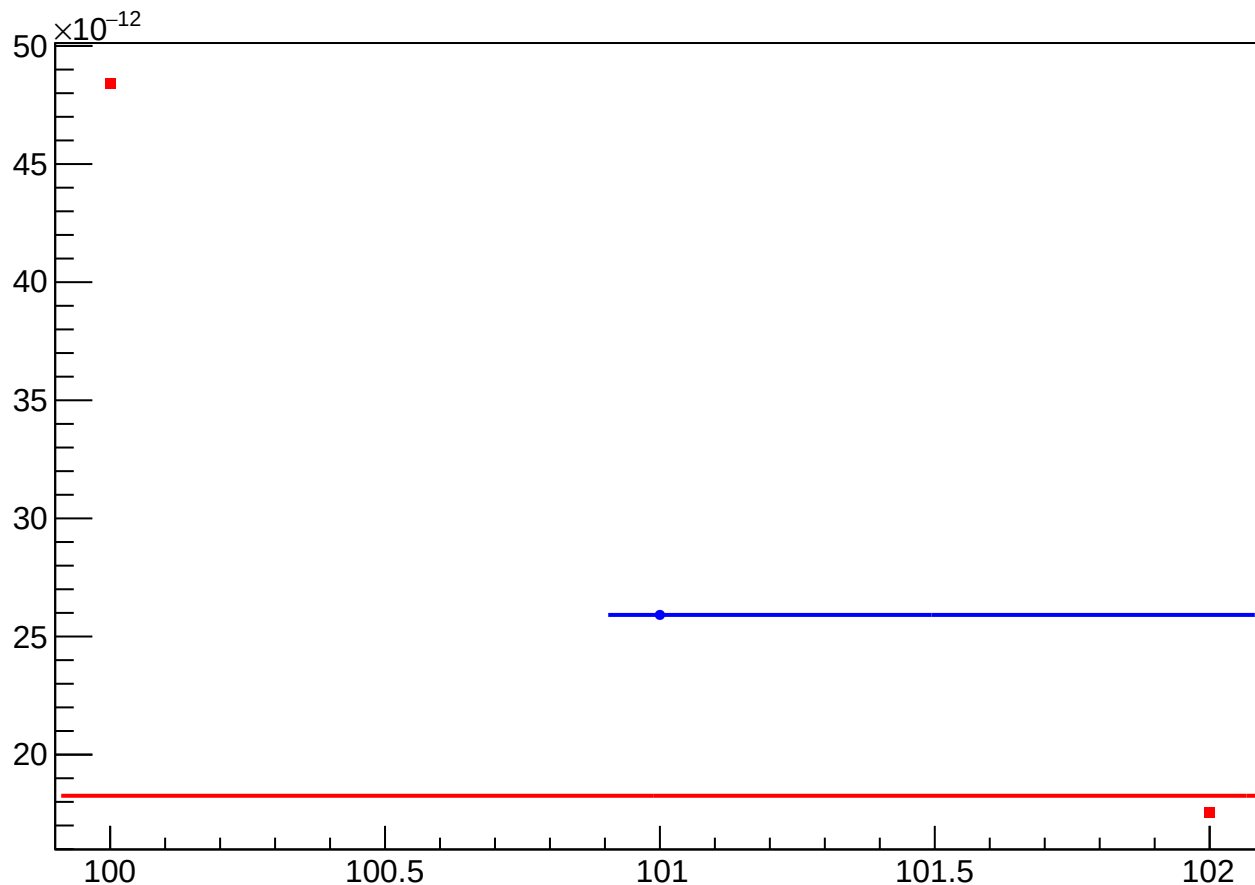
asym_usr_atr1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right Out: 0.000+/-0.000 χ^2 /NDF: 1.0/1
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 0.000+/-0.000 χ^2 /NDF: 1.0/2
 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: 1.0/2

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_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 : 34234.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

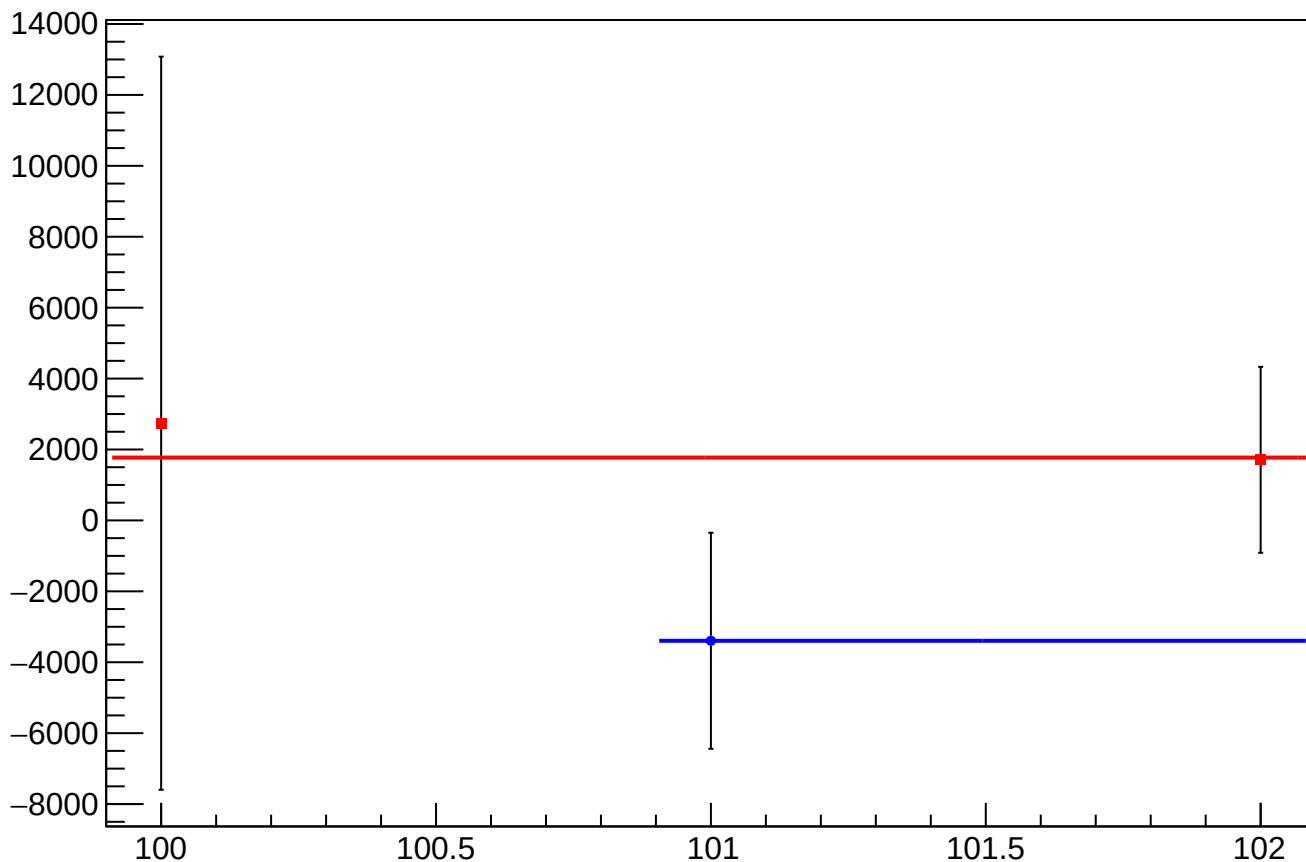
Right: 0.000+/-0.000 χ^2/NDF : 78346.9/2

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 : 78346.9/2

reg_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: -3395.127+/-3046.799 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1771.488+/-2541.328 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

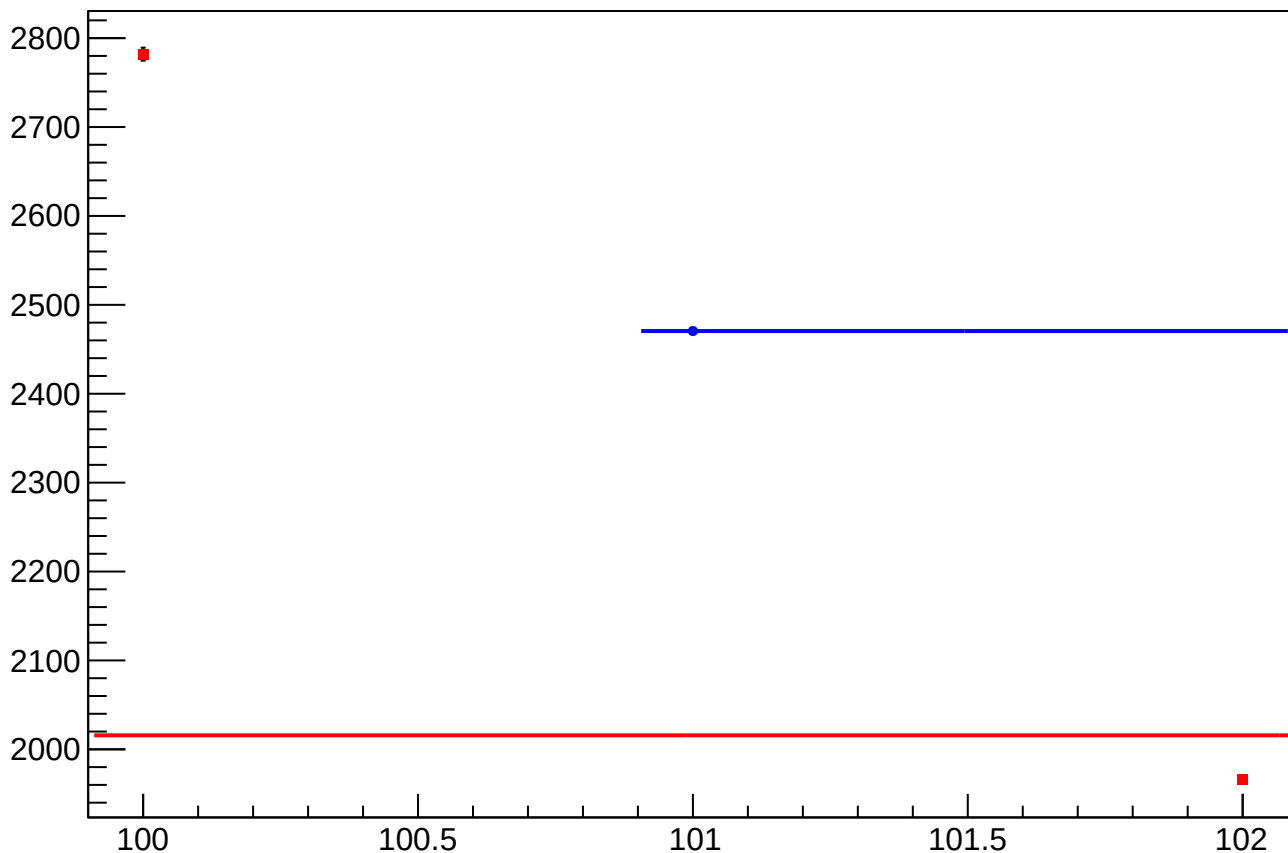
Right: -348.269+/-1951.569 χ^2/NDF : 1.7/2

In: -3395.127+/-3046.799 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -348.269+/-1951.569 χ^2/NDF : 1.7/2

reg_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 2470.525 $\pm$ 2.154 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2015.742 $\pm$ 1.797 χ^2 /NDF: 11693.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

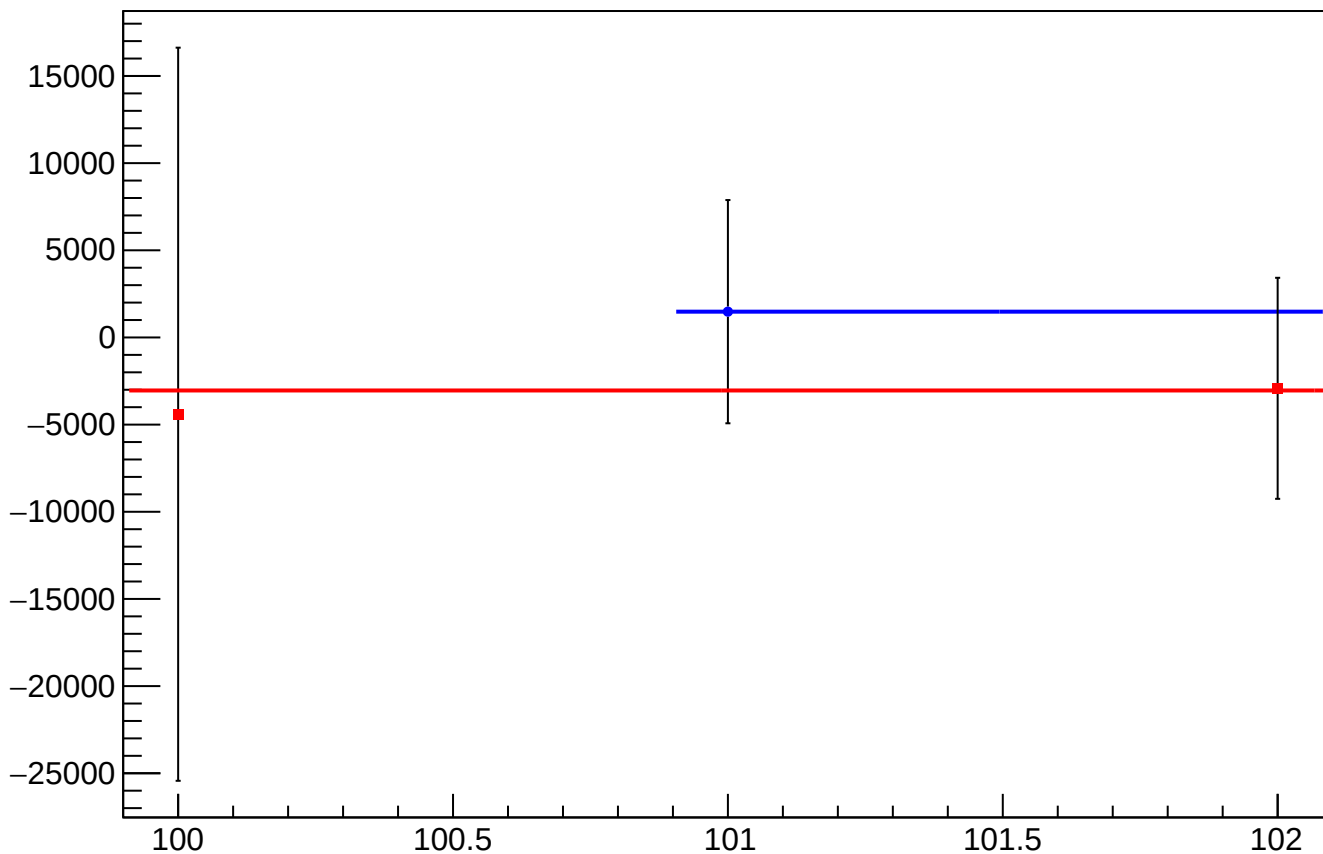
Right: 2202.330 $\pm$ 1.380 χ^2 /NDF: 37971.5/2

In: 2470.525 $\pm$ 2.154 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2202.330 $\pm$ 1.380 χ^2 /NDF: 37971.5/2

asym_usr_atr2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 1479.586 $\pm$ 6403.429 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3041.311 $\pm$ 6069.976 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

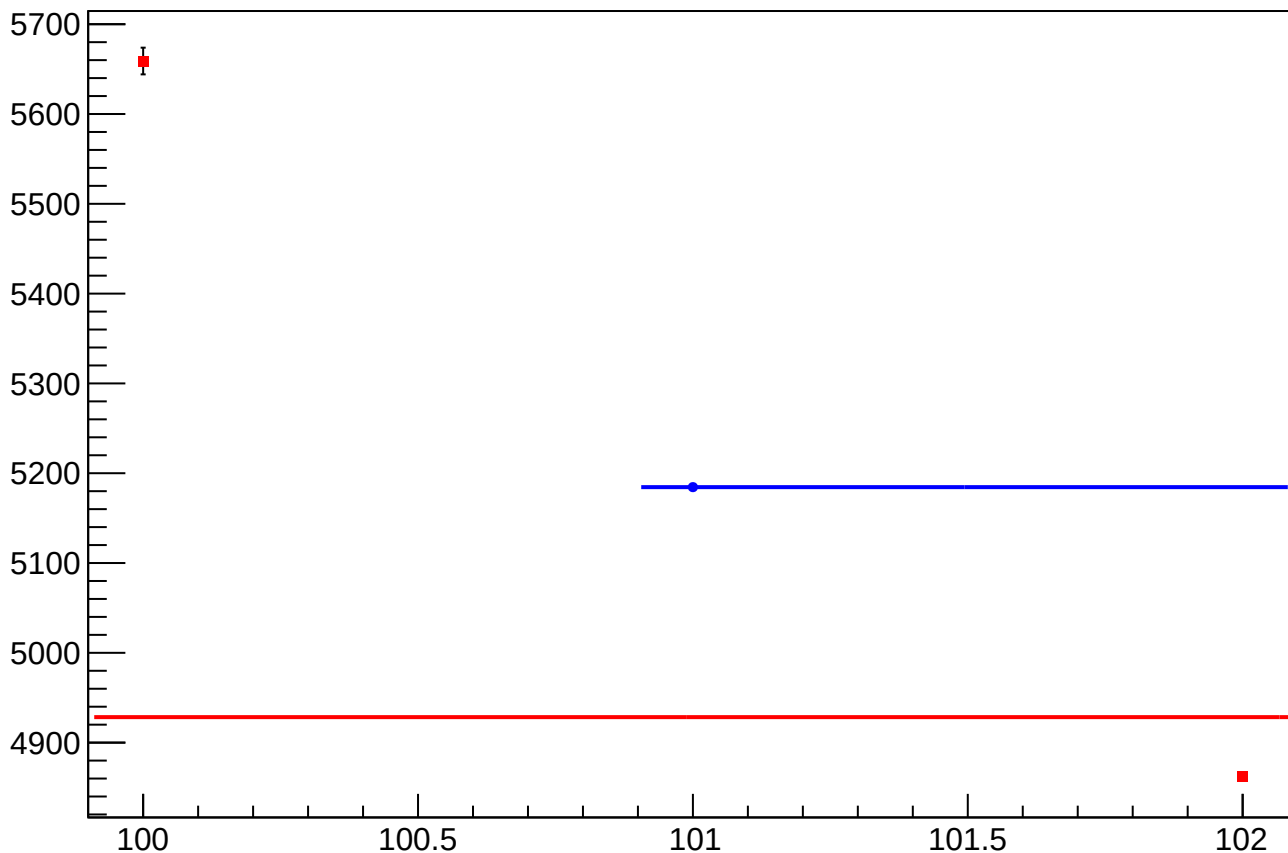
Right: -901.634 $\pm$ 4405.289 χ^2 /NDF: 0.3/2

In: 1479.586 $\pm$ 6403.429 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -901.634 $\pm$ 4405.289 χ^2 /NDF: 0.3/2

asym_usr_atr2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 5184.501+/-4.528 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4928.386+/-4.292 χ^2/NDF : 2633.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

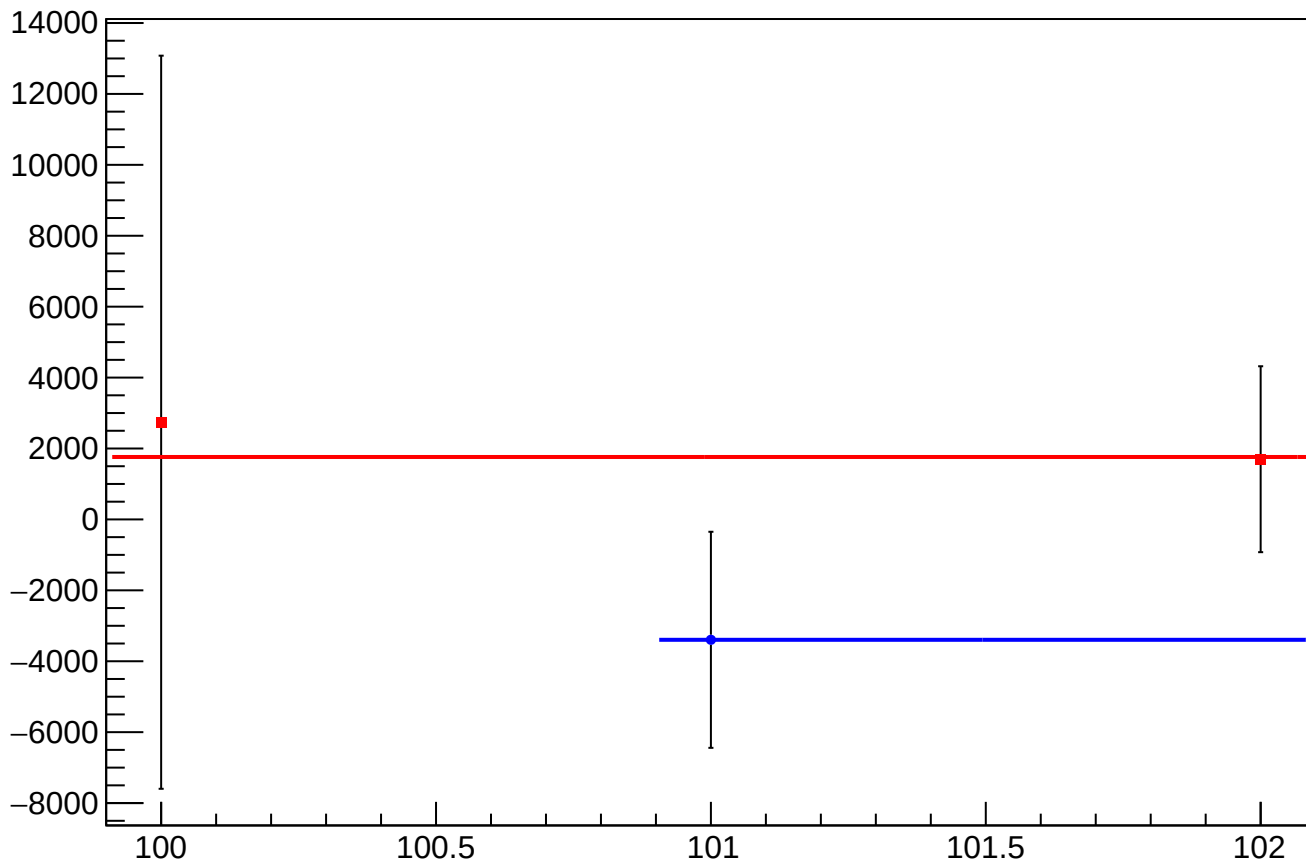
Right: 5049.601+/-3.115 χ^2/NDF : 4319.0/2

In: 5184.501+/-4.528 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5049.601+/-3.115 χ^2/NDF : 4319.0/2

cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: -3395.353+/-3046.799 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1760.750+/-2541.339 χ^2 /NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

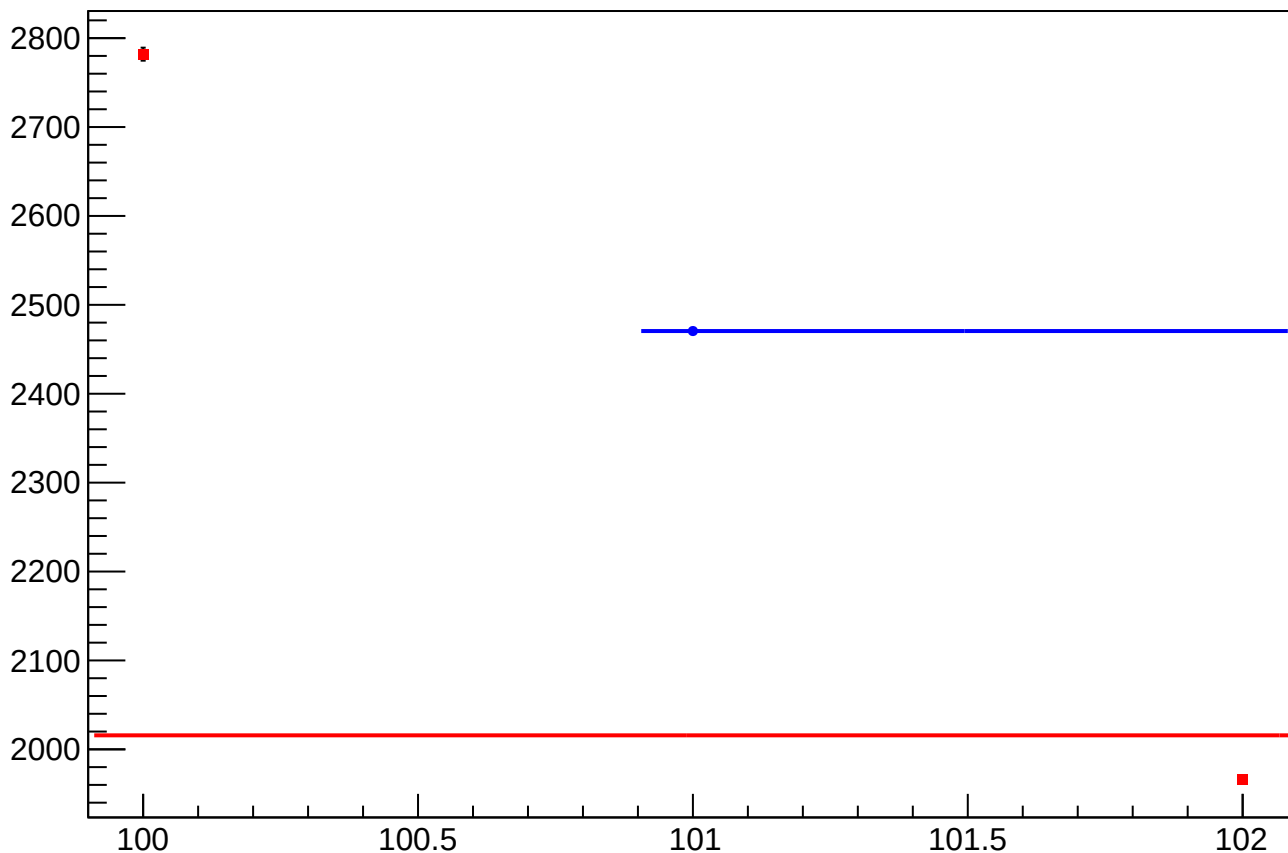
Right: -354.705+/-1951.574 χ^2 /NDF: 1.7/2

In: -3395.353+/-3046.799 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -354.705+/-1951.574 χ^2 /NDF: 1.7/2

cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 2470.525+/-2.154 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2015.748+/-1.797 χ^2/NDF : 11693.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

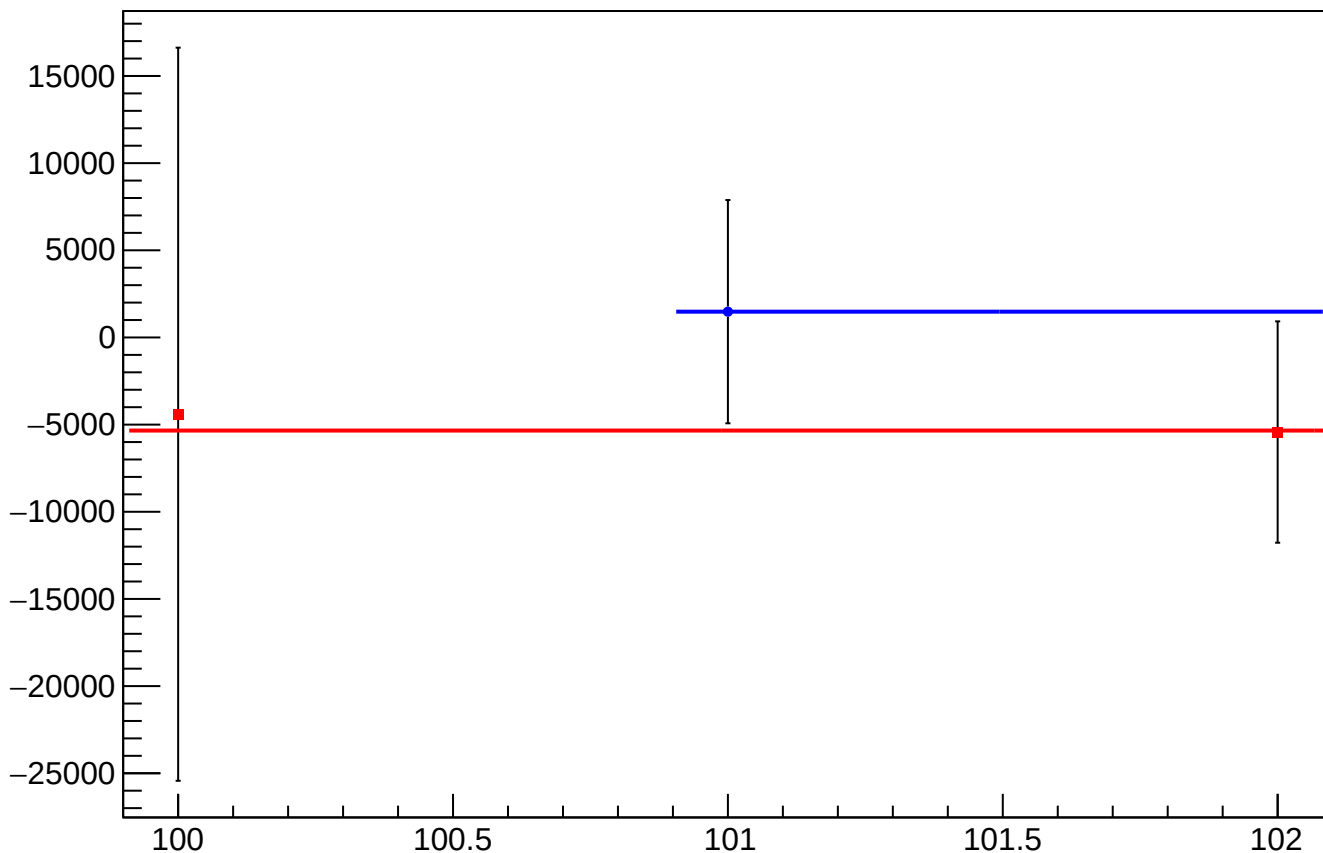
Right: 2202.334+/-1.380 χ^2/NDF : 37970.6/2

In: 2470.525+/-2.154 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2202.334+/-1.380 χ^2/NDF : 37970.6/2

asym_usr_atr2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 1479.561+/-6403.427 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -5340.681+/-6077.955 χ^2 /NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

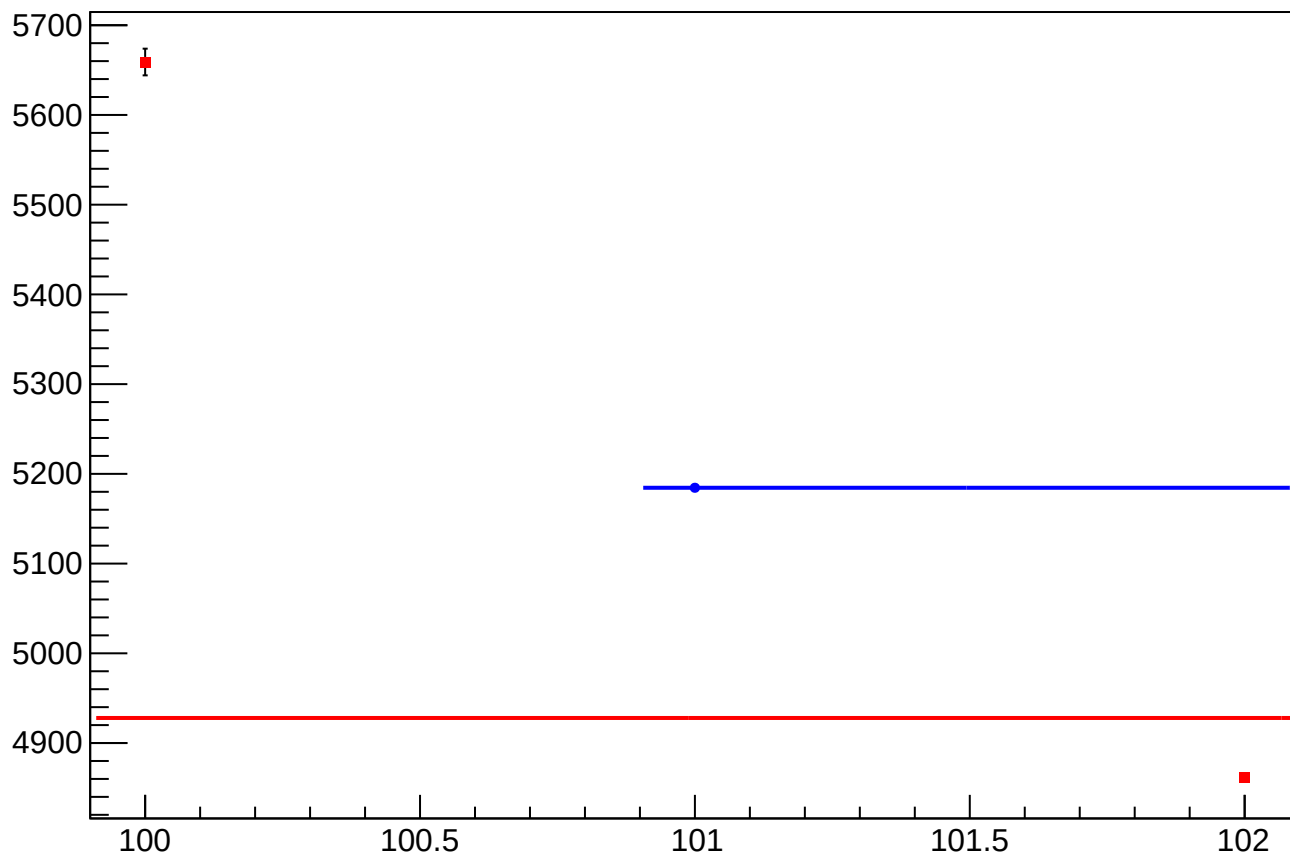
Right: -2108.288+/-4408.336 χ^2 /NDF: 0.6/2

In: 1479.561+/-6403.427 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2108.288+/-4408.336 χ^2 /NDF: 0.6/2

asym_usr_atr2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 5184.499+/-4.528 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4927.937+/-4.298 χ^2/NDF : 2637.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

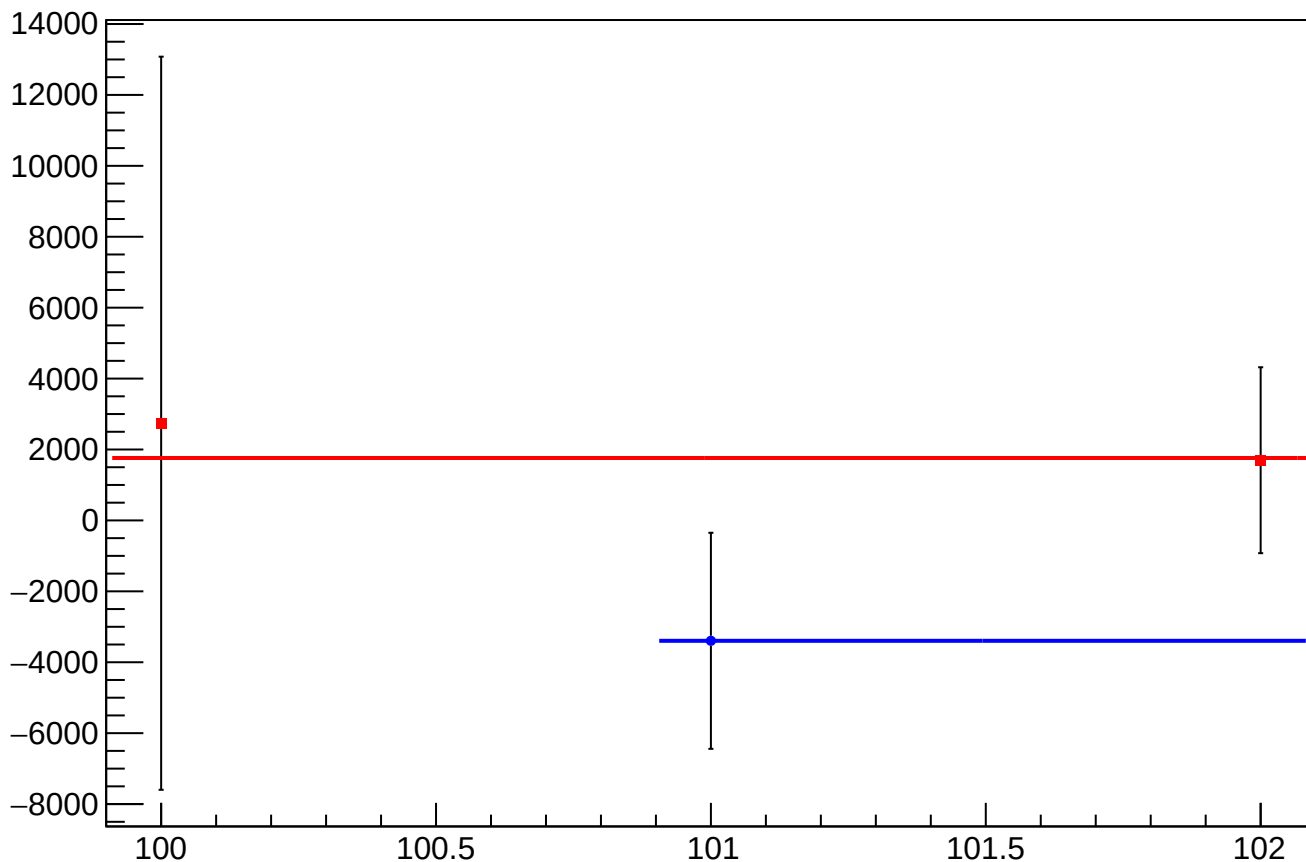
Right: 5049.532+/-3.117 χ^2/NDF : 4326.7/2

In: 5184.499+/-4.528 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5049.532+/-3.117 χ^2/NDF : 4326.7/2

eigen_cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: -3395.353+/-3046.799 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1760.750+/-2541.339 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

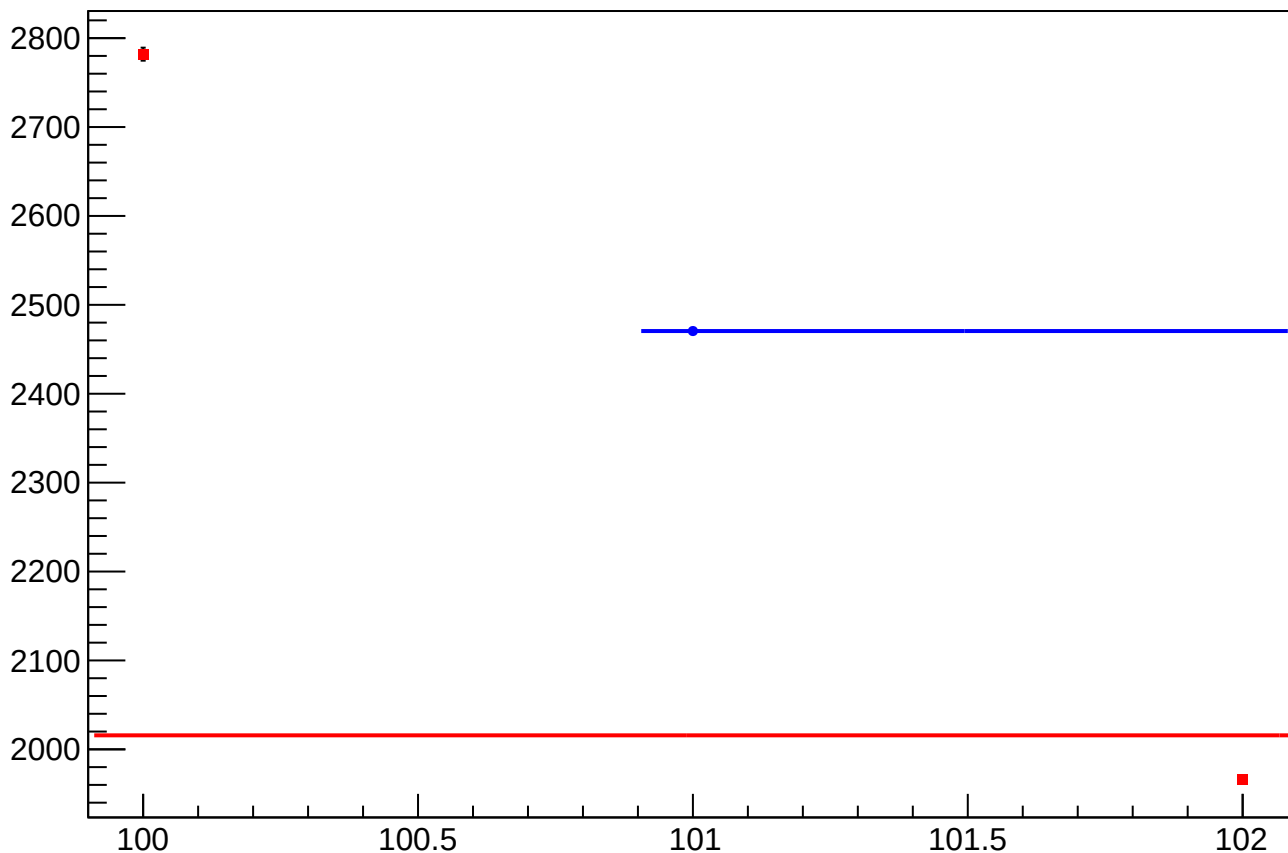
Right: -354.705+/-1951.574 χ^2/NDF : 1.7/2

In: -3395.353+/-3046.799 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -354.705+/-1951.574 χ^2/NDF : 1.7/2

eigen_cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 2470.525 $\pm$ 2.154 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2015.748 $\pm$ 1.797 χ^2 /NDF: 11693.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

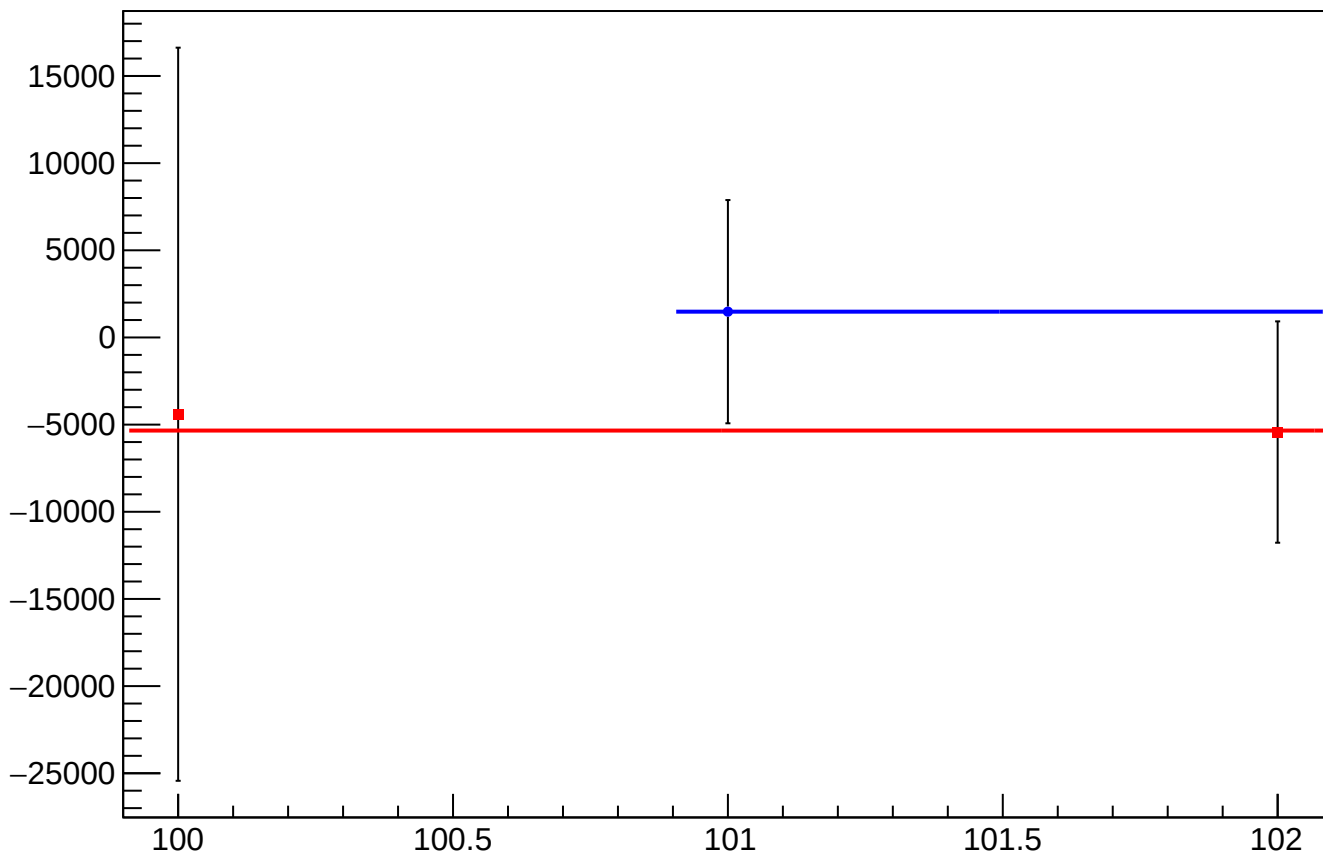
Right: 2202.334 $\pm$ 1.380 χ^2 /NDF: 37970.6/2

In: 2470.525 $\pm$ 2.154 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2202.334 $\pm$ 1.380 χ^2 /NDF: 37970.6/2

asym_usr_atr2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1479.561+/-6403.427 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -5340.681+/-6077.955 χ^2 /NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

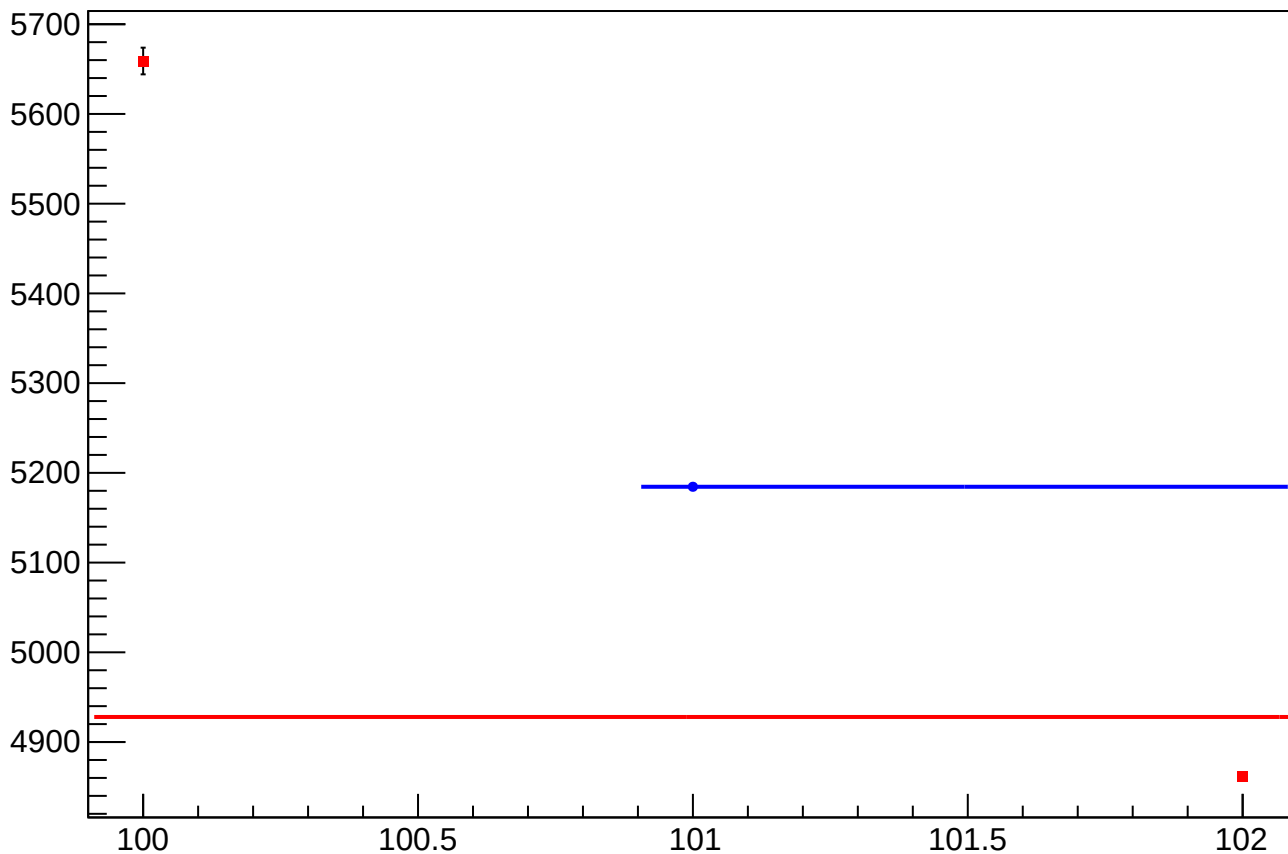
Right: -2108.288+/-4408.336 χ^2 /NDF: 0.6/2

In: 1479.561+/-6403.427 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2108.288+/-4408.336 χ^2 /NDF: 0.6/2

asym_usr_atr2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 5184.499+/-4.528 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4927.937+/-4.298 χ^2/NDF : 2637.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

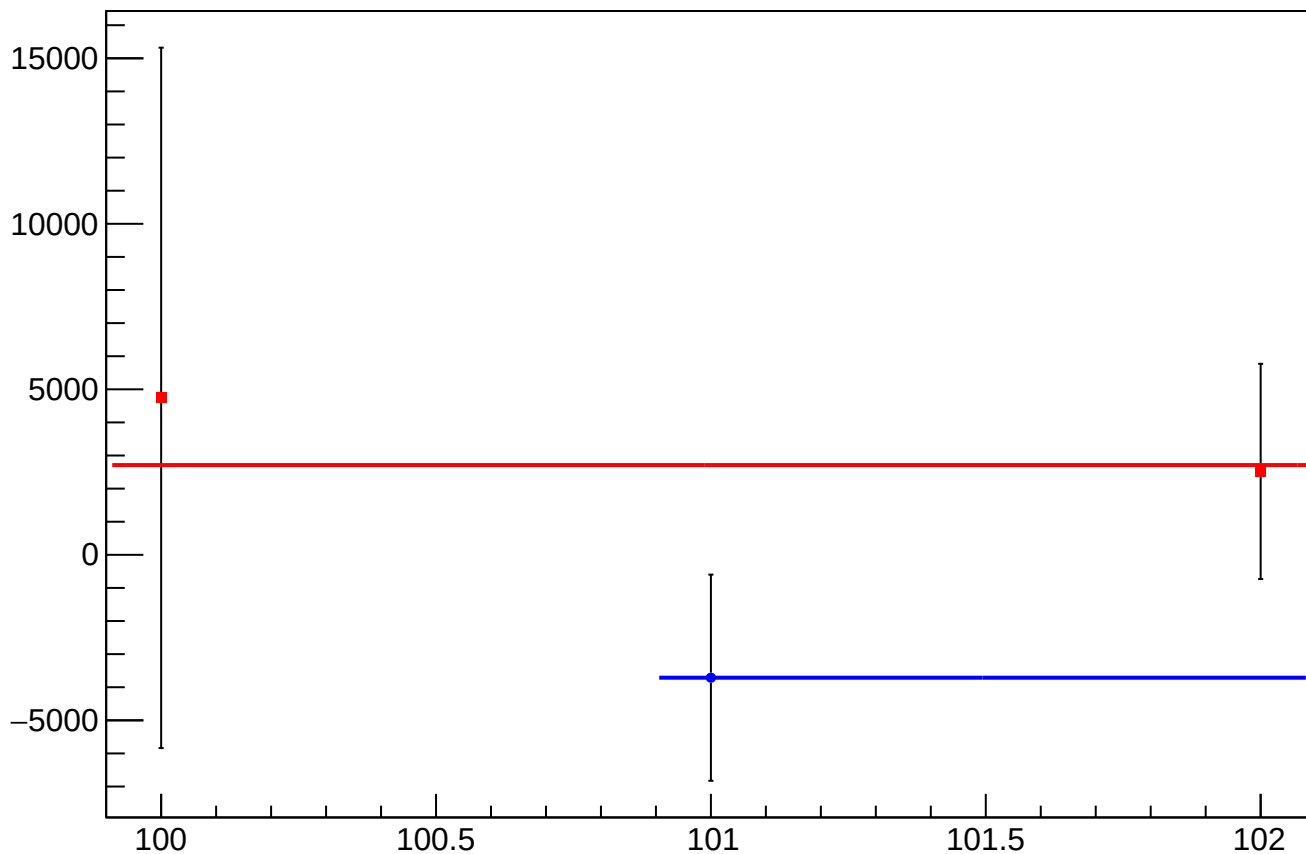
Right: 5049.532+/-3.117 χ^2/NDF : 4326.7/2

In: 5184.499+/-4.528 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5049.532+/-3.117 χ^2/NDF : 4326.7/2

dit_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: -3712.355+/-3114.412 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2711.389+/-3108.142 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

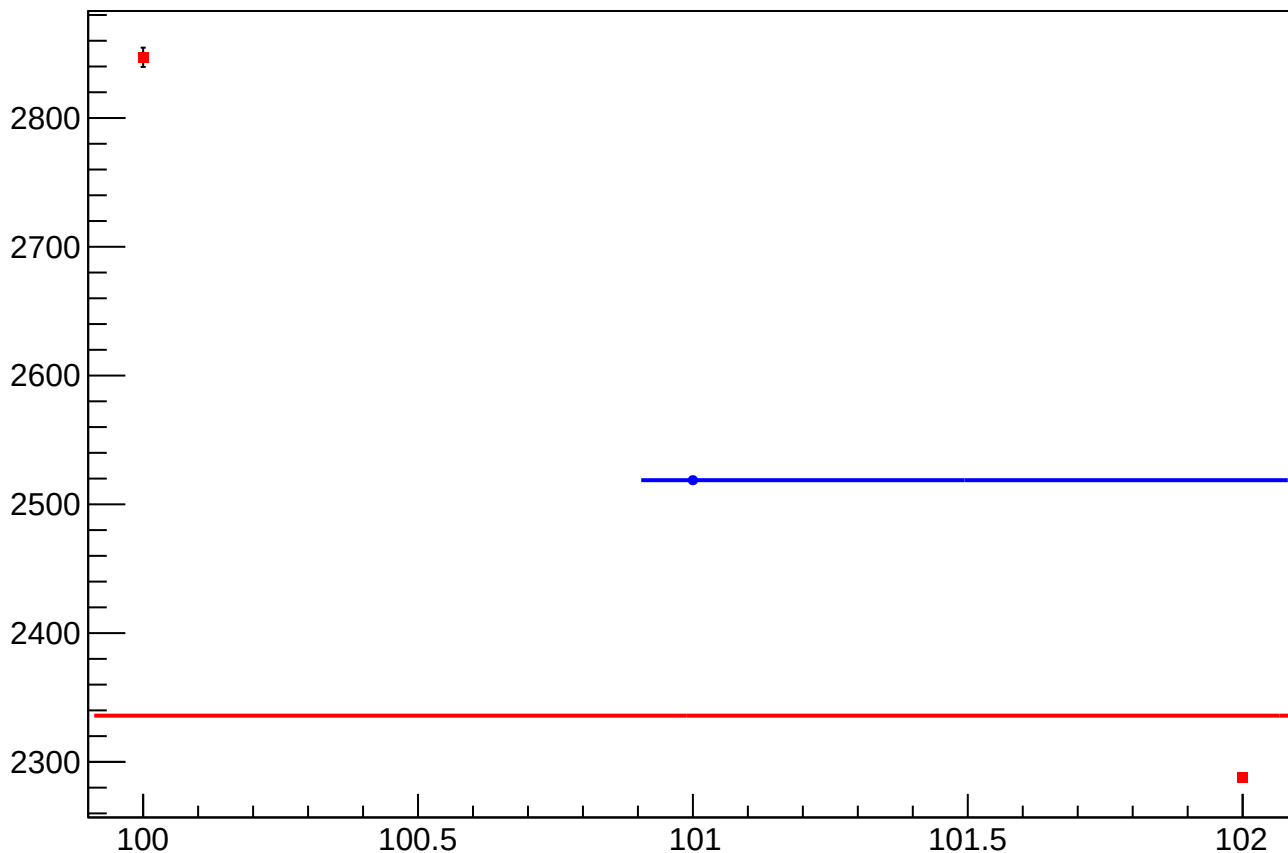
Right: -494.010+/-2200.002 χ^2/NDF : 2.2/2

In: -3712.355+/-3114.412 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -494.010+/-2200.002 χ^2/NDF : 2.2/2

dit_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 2518.758+/-2.202 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2335.904+/-2.198 χ^2/NDF : 5111.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

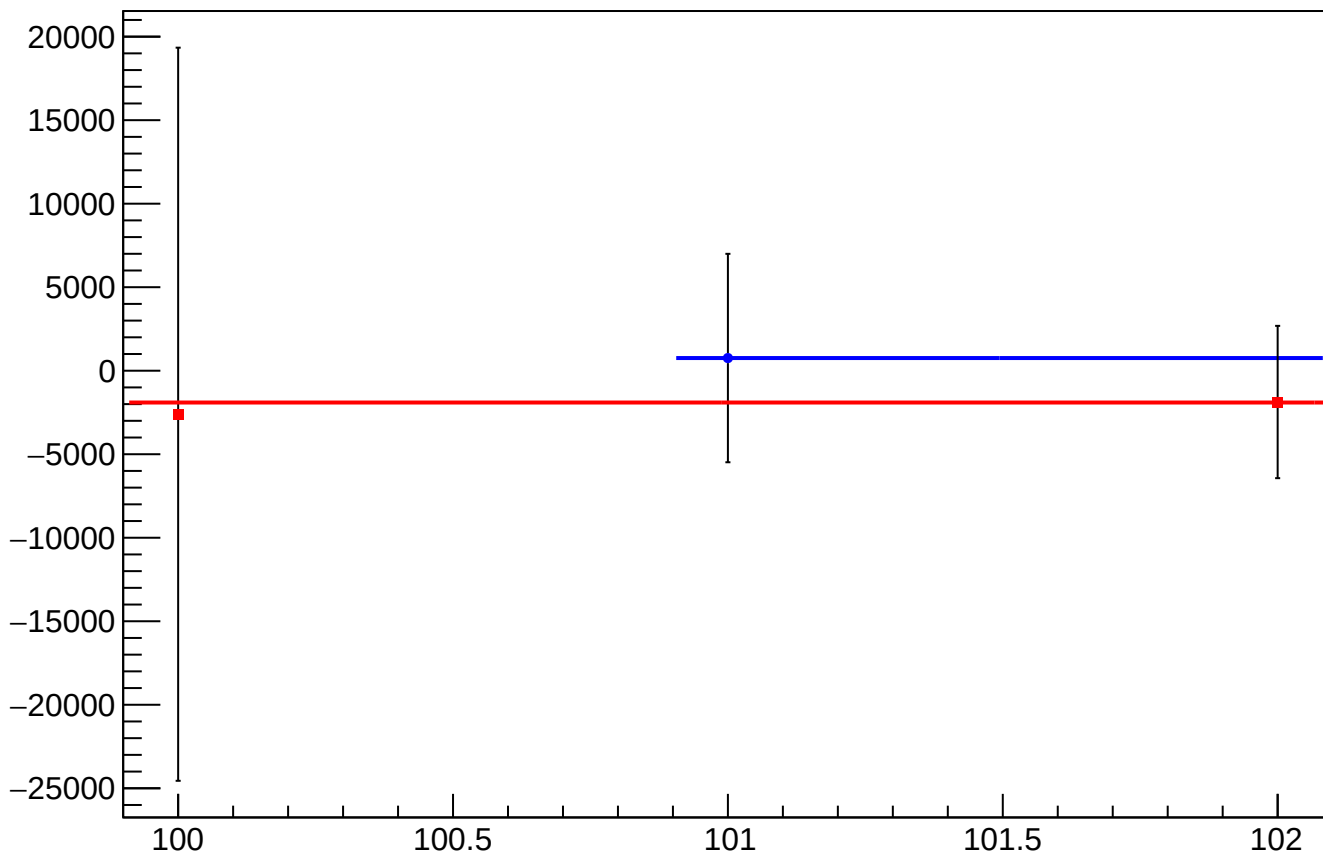
Right: 2427.147+/-1.556 χ^2/NDF : 8565.2/2

In: 2518.758+/-2.202 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2427.147+/-1.556 χ^2/NDF : 8565.2/2

asym_usr_atr2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 758.401+/-6239.507 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1904.255+/-4464.083 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

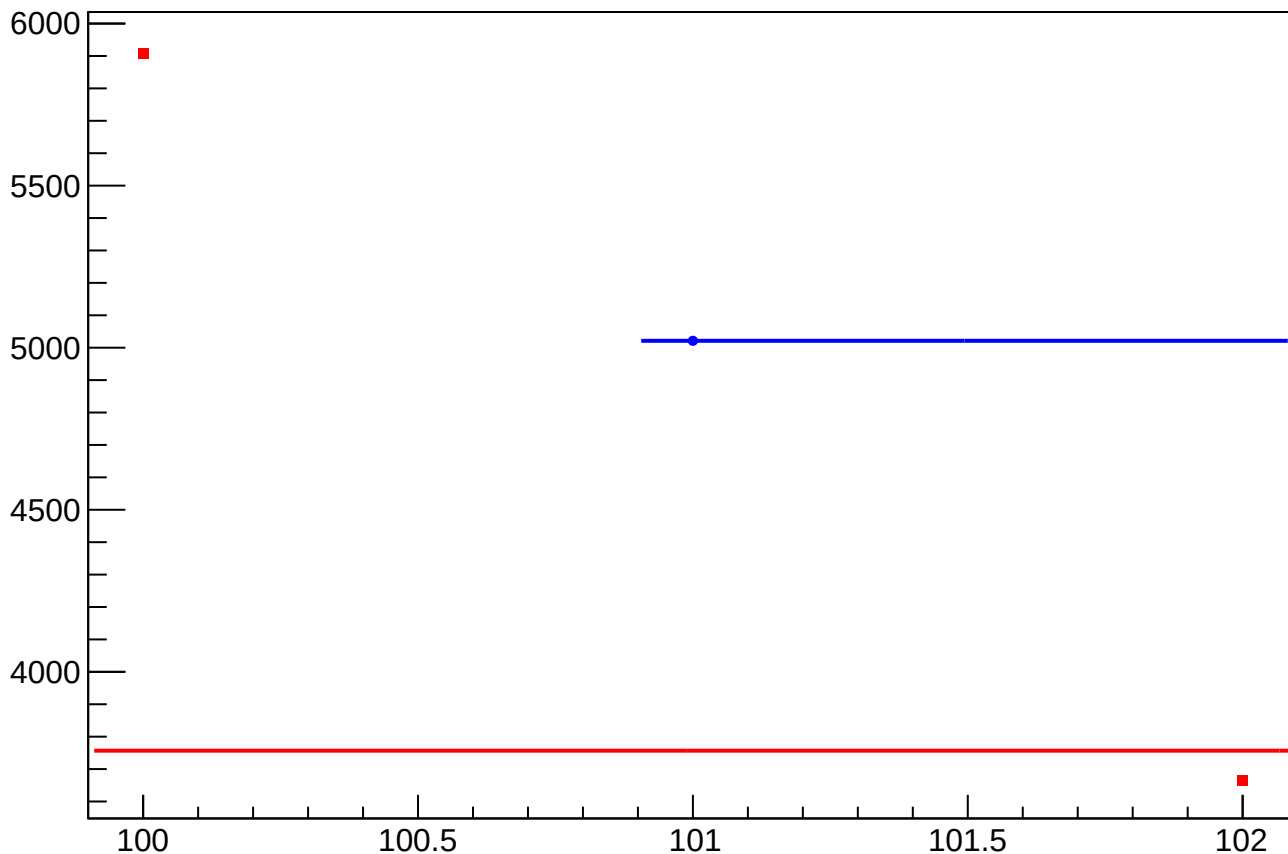
Right: -1002.760+/-3630.566 χ^2/NDF : 0.1/2

In: 758.401+/-6239.507 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1002.760+/-3630.566 χ^2/NDF : 0.1/2

asym_usr_atr2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 5021.257+/-4.412 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3756.786+/-3.157 χ^2/NDF : 20027.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

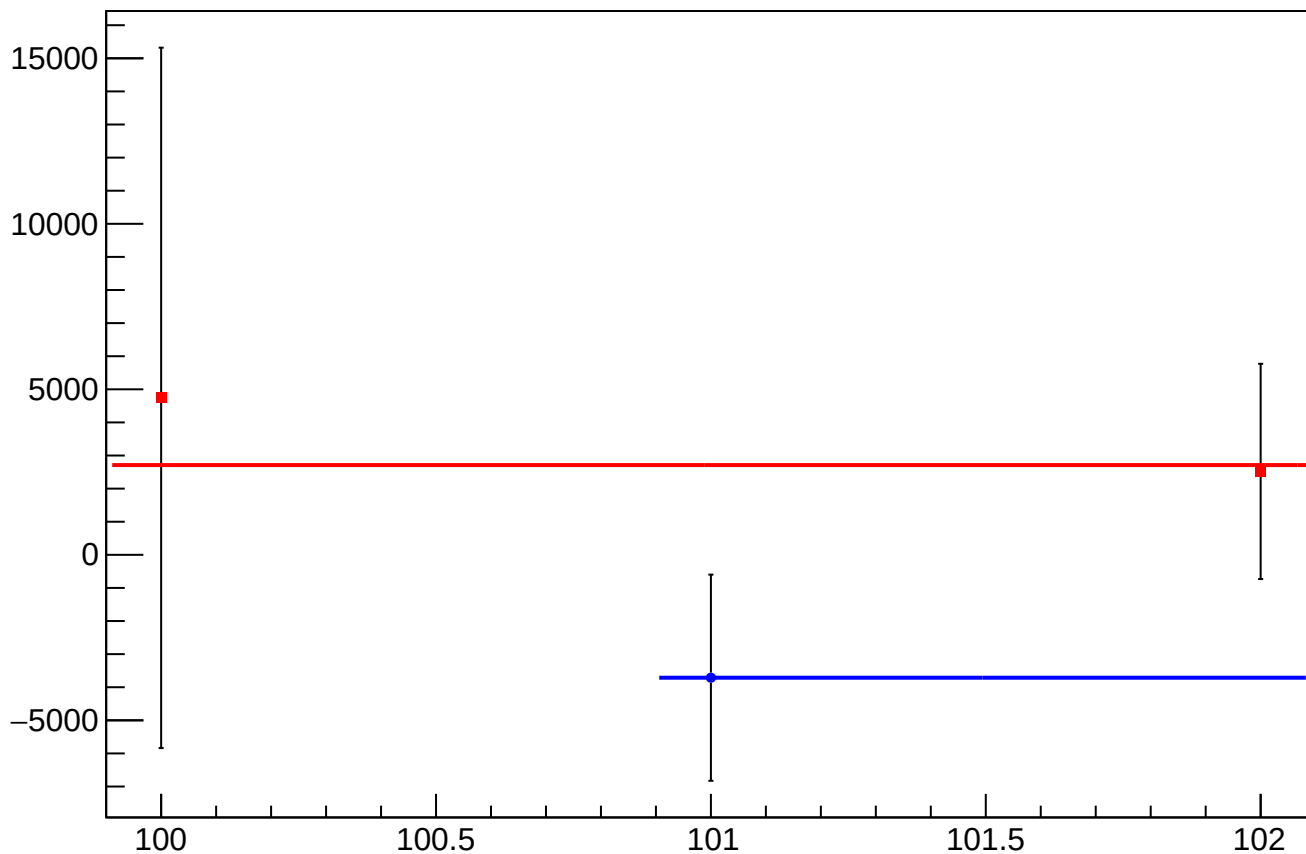
Right: 4184.898+/-2.567 χ^2/NDF : 74355.8/2

In: 5021.257+/-4.412 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4184.898+/-2.567 χ^2/NDF : 74355.8/2

eigen_dit_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: -3712.398+/-3114.412 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2711.399+/-3108.141 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

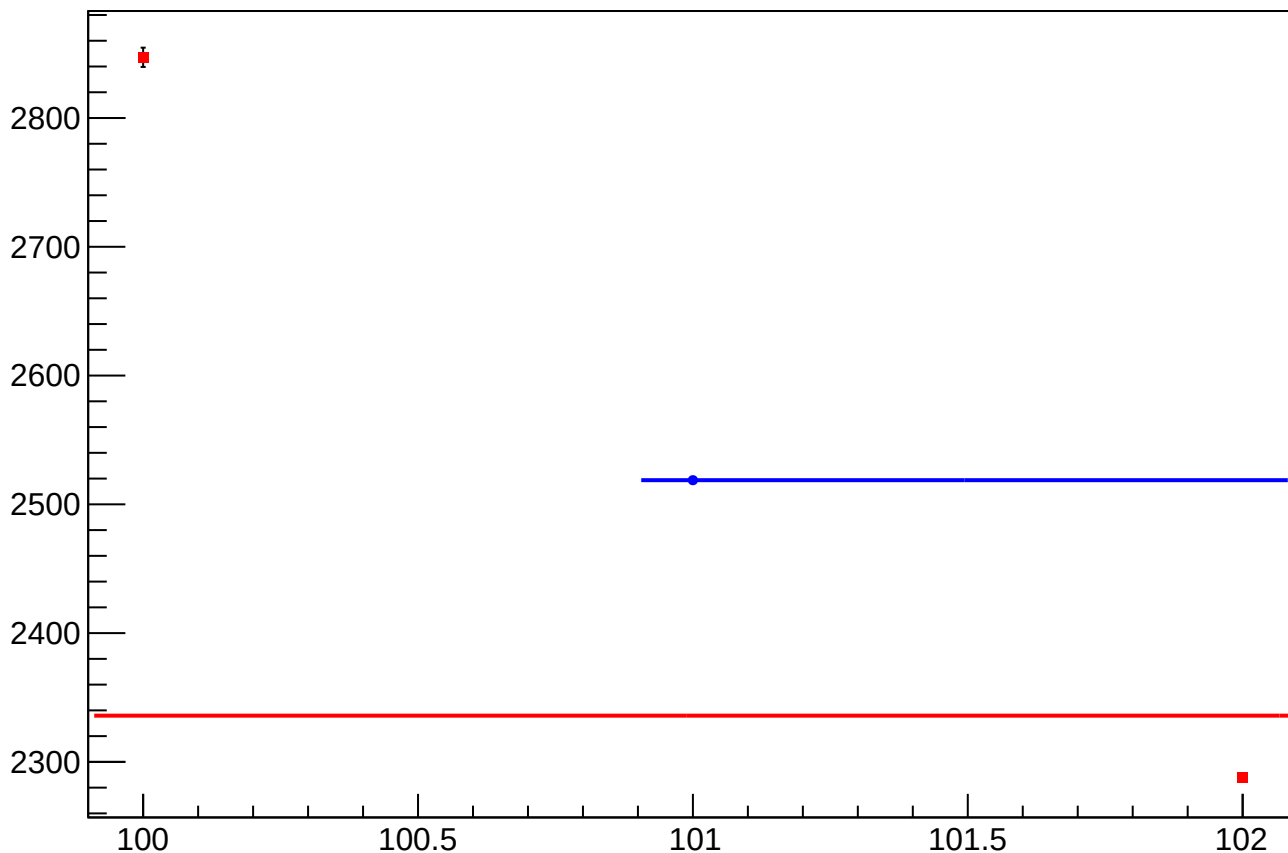
Right: -494.026+/-2200.001 χ^2/NDF : 2.2/2

In: -3712.398+/-3114.412 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -494.026+/-2200.001 χ^2/NDF : 2.2/2

eigen_dit_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 2518.758 $\pm$ 2.202 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2335.903 $\pm$ 2.198 χ^2 /NDF: 5111.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

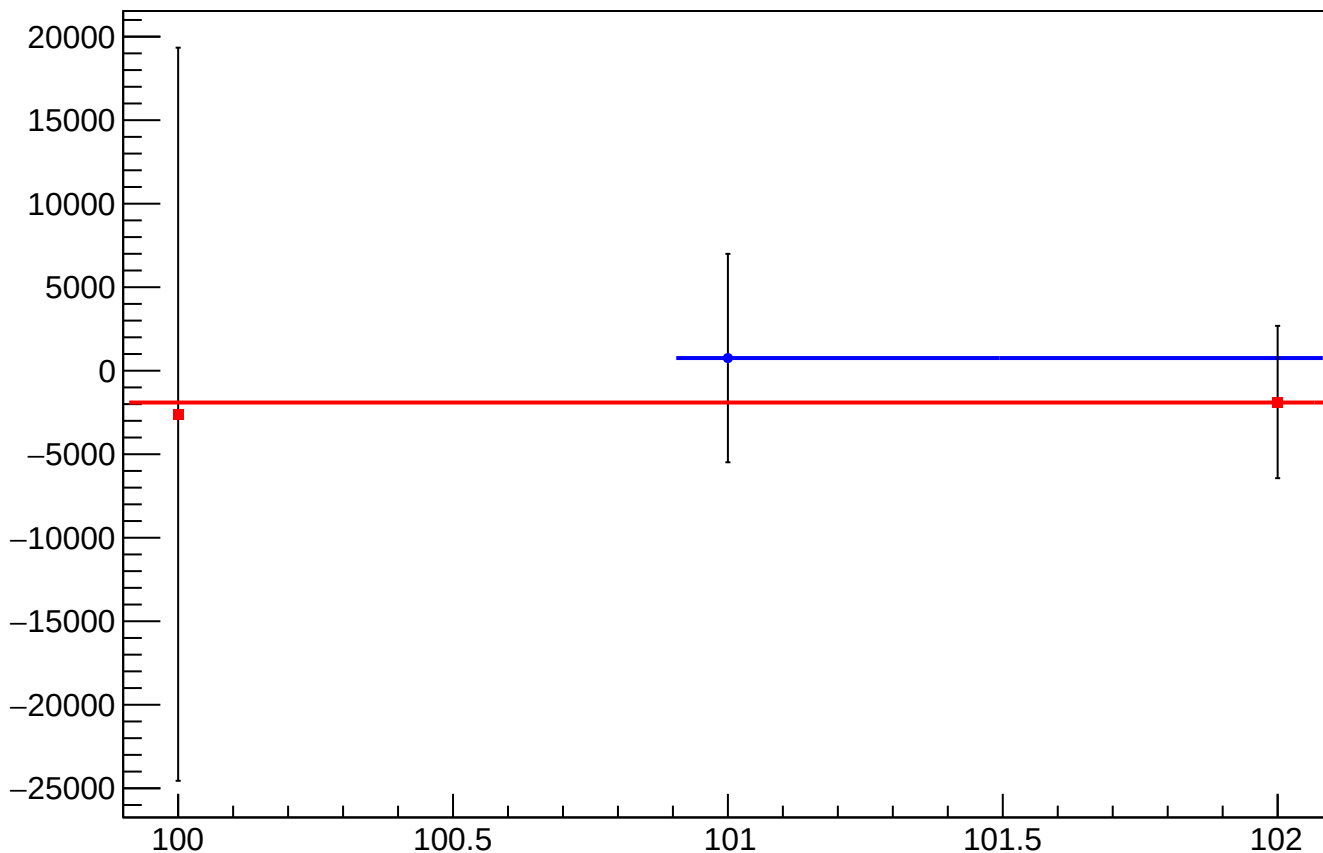
Right: 2427.146 $\pm$ 1.556 χ^2 /NDF: 8565.3/2

In: 2518.758 $\pm$ 2.202 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2427.146 $\pm$ 1.556 χ^2 /NDF: 8565.3/2

asym_usr_atr2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 758.367+/-6239.498 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1904.247+/-4464.081 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

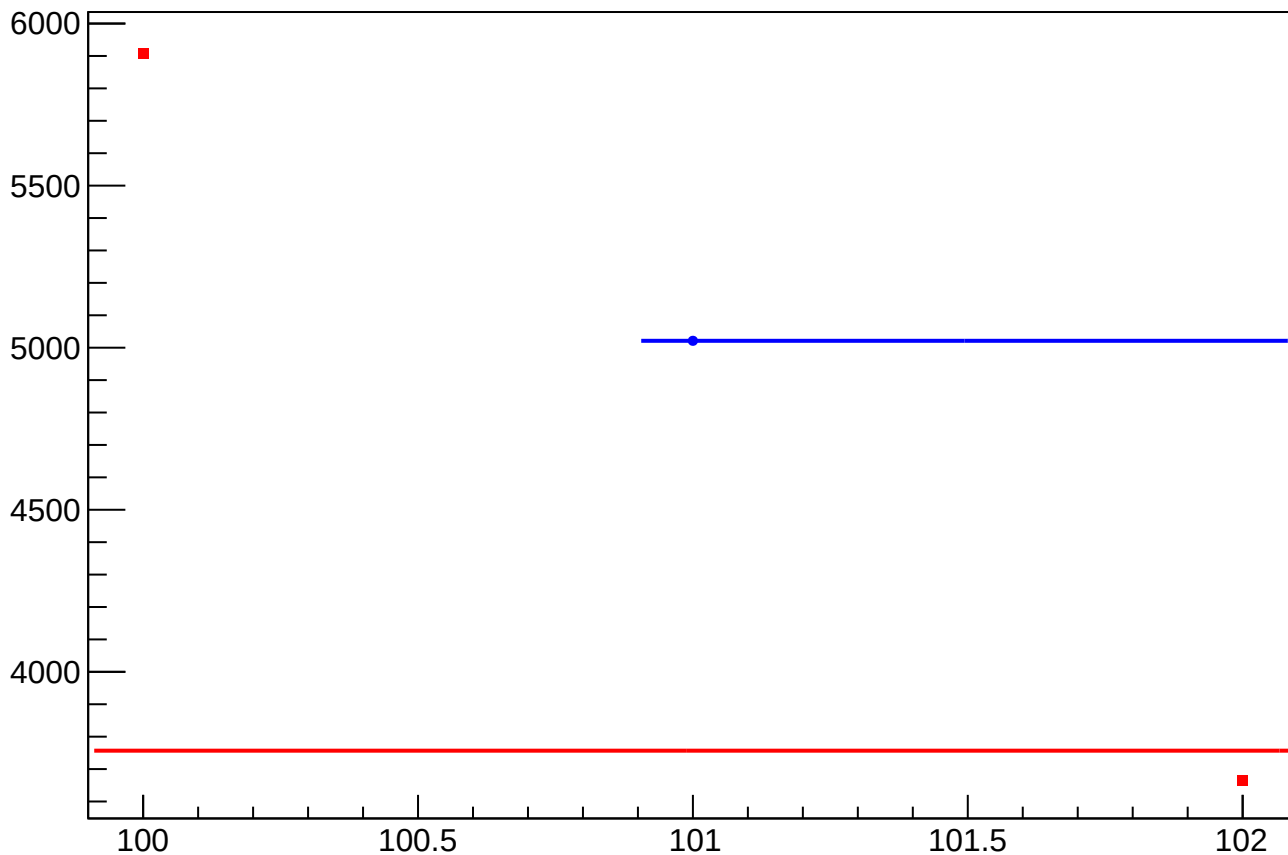
Right: -1002.766+/-3630.563 χ^2/NDF : 0.1/2

In: 758.367+/-6239.498 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1002.766+/-3630.563 χ^2/NDF : 0.1/2

asym_usr_atr2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5021.250+/-4.412 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3756.785+/-3.157 χ^2/NDF : 20026.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

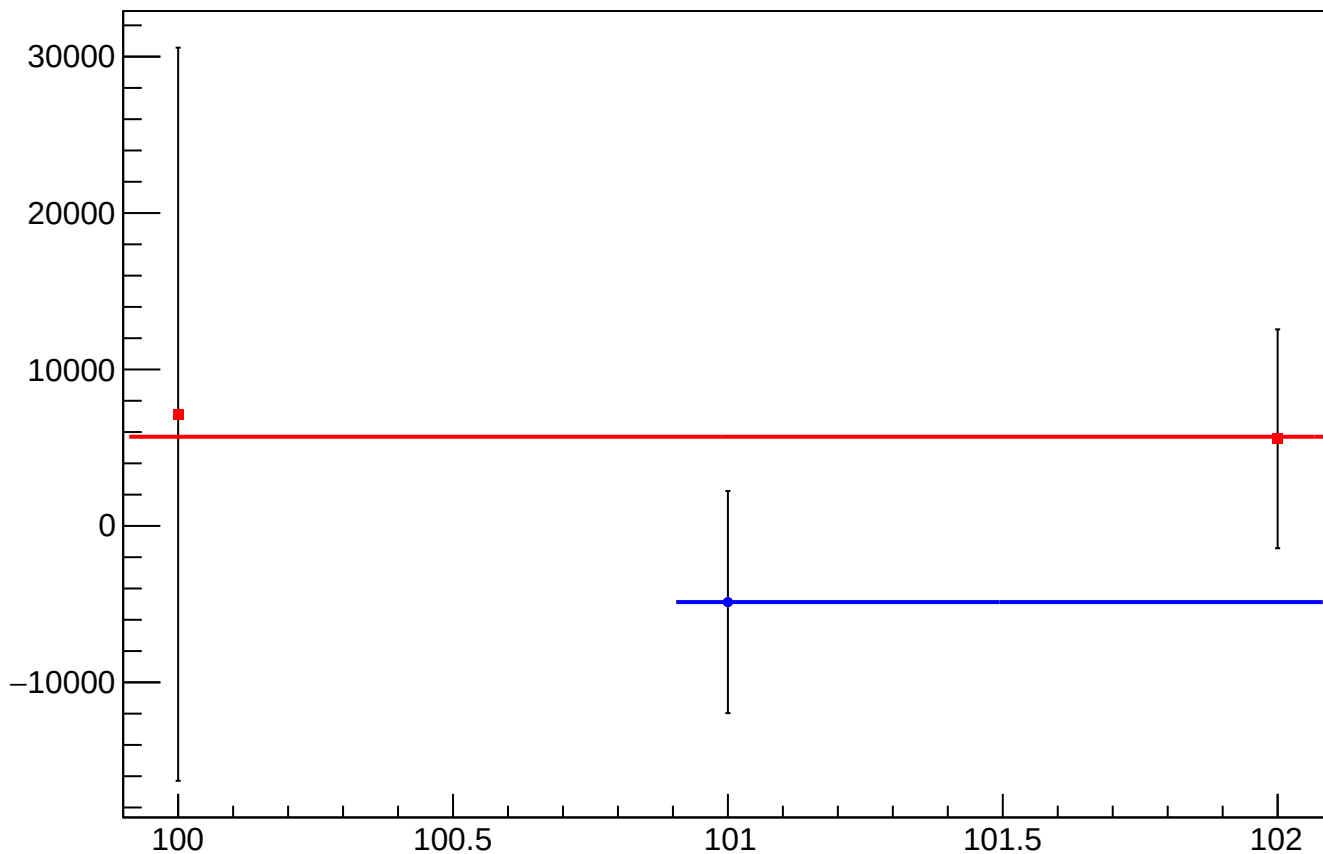
Right: 4184.895+/-2.567 χ^2/NDF : 74355.4/2

In: 5021.250+/-4.412 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4184.895+/-2.567 χ^2/NDF : 74355.4/2

asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: -4869.217+/-7097.836 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5699.547+/-6703.074 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

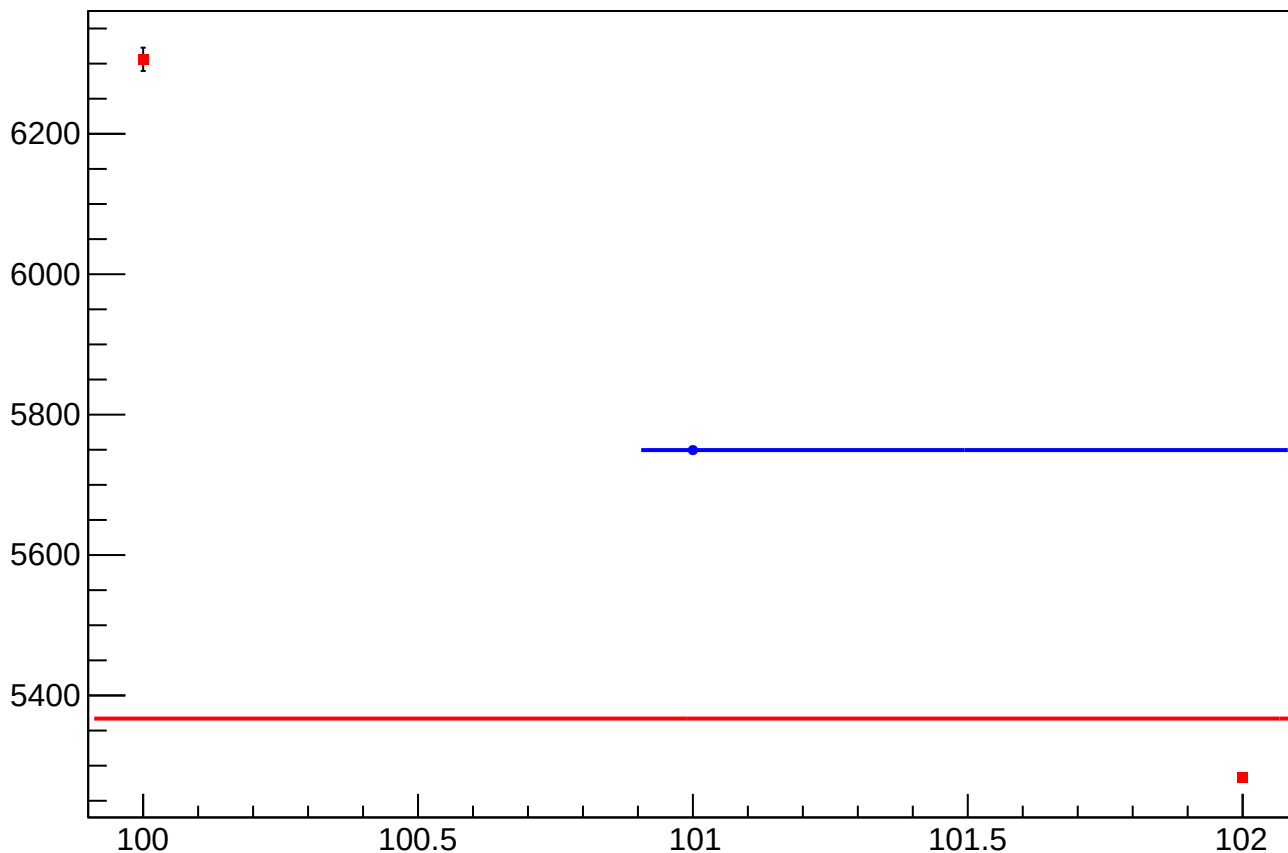
Right: 717.227+/-4873.373 χ^2/NDF : 1.2/2

In: -4869.217+/-7097.836 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 717.227+/-4873.373 χ^2/NDF : 1.2/2

asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 5749.509+/-5.019 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5367.082+/-4.740 χ^2/NDF : 3498.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

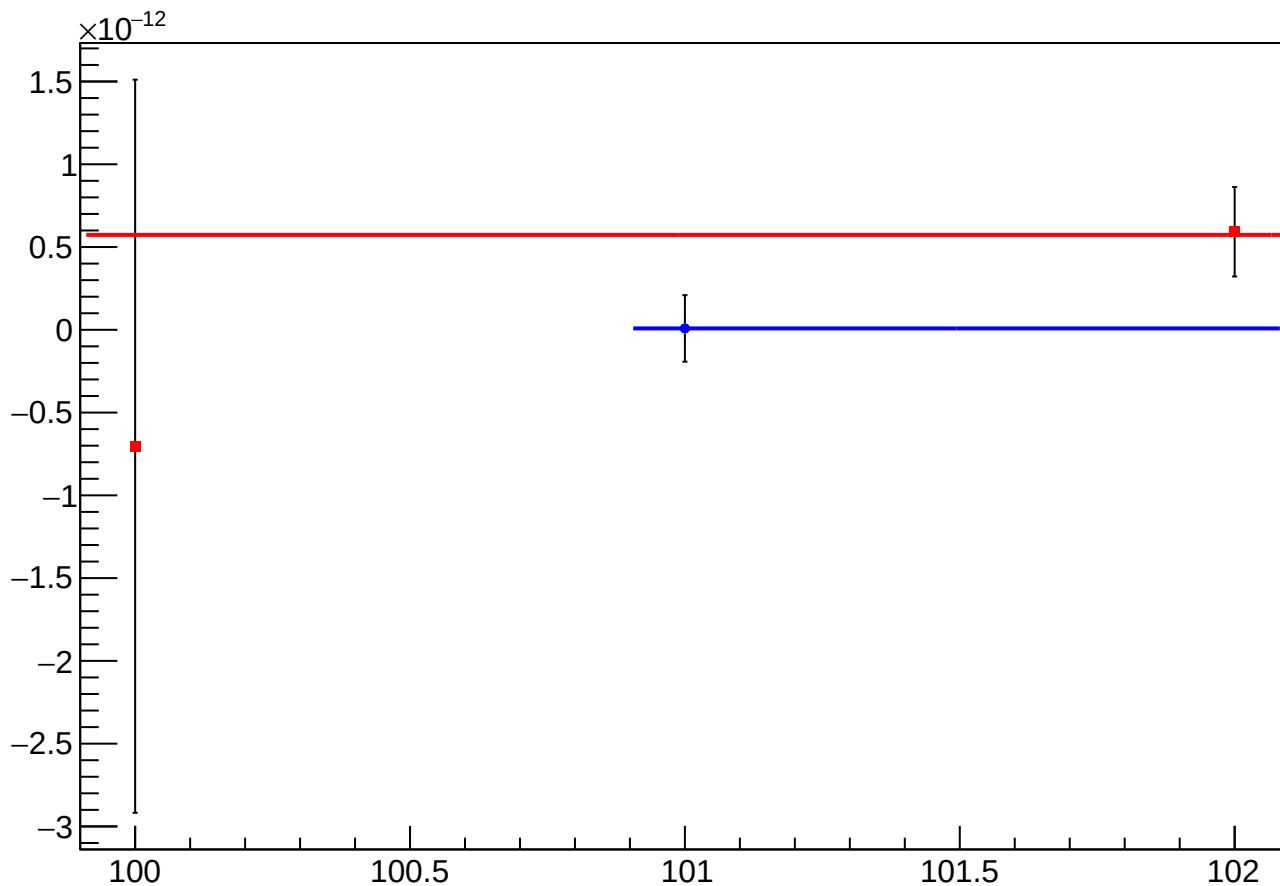
Right: 5547.364+/-3.446 χ^2/NDF : 6567.1/2

In: 5749.509+/-5.019 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5547.364+/-3.446 χ^2/NDF : 6567.1/2

asym_usr_atr2_avg_reg_vs_cor_diff_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 : 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

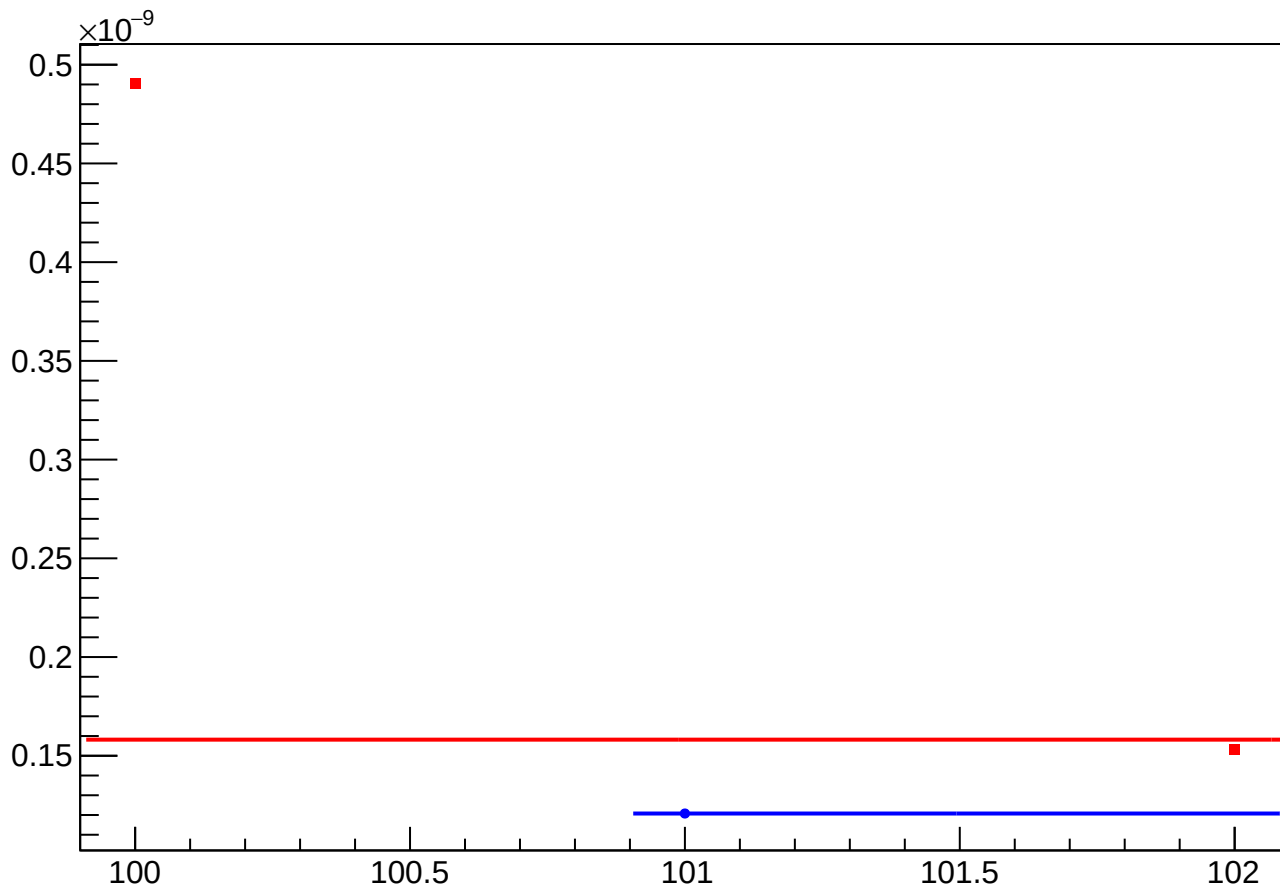
Right: 0.000+/-0.000 χ^2/NDF : 3.2/2

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 : 3.2/2

asym_usr_atr2_avg_reg_vs_cor_diff_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 : 45677.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

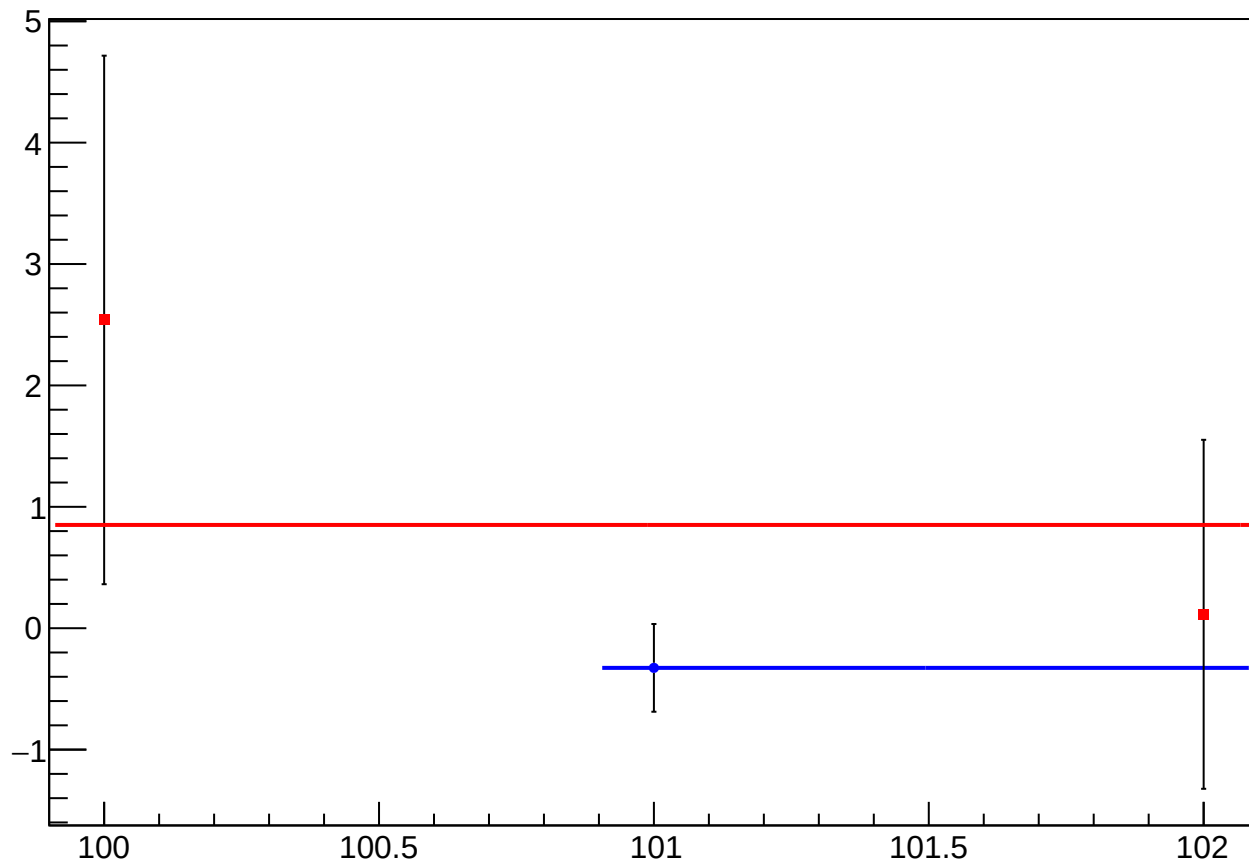
Right: 0.000+/-0.000 χ^2/NDF : 70614.3/2

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 : 70614.3/2

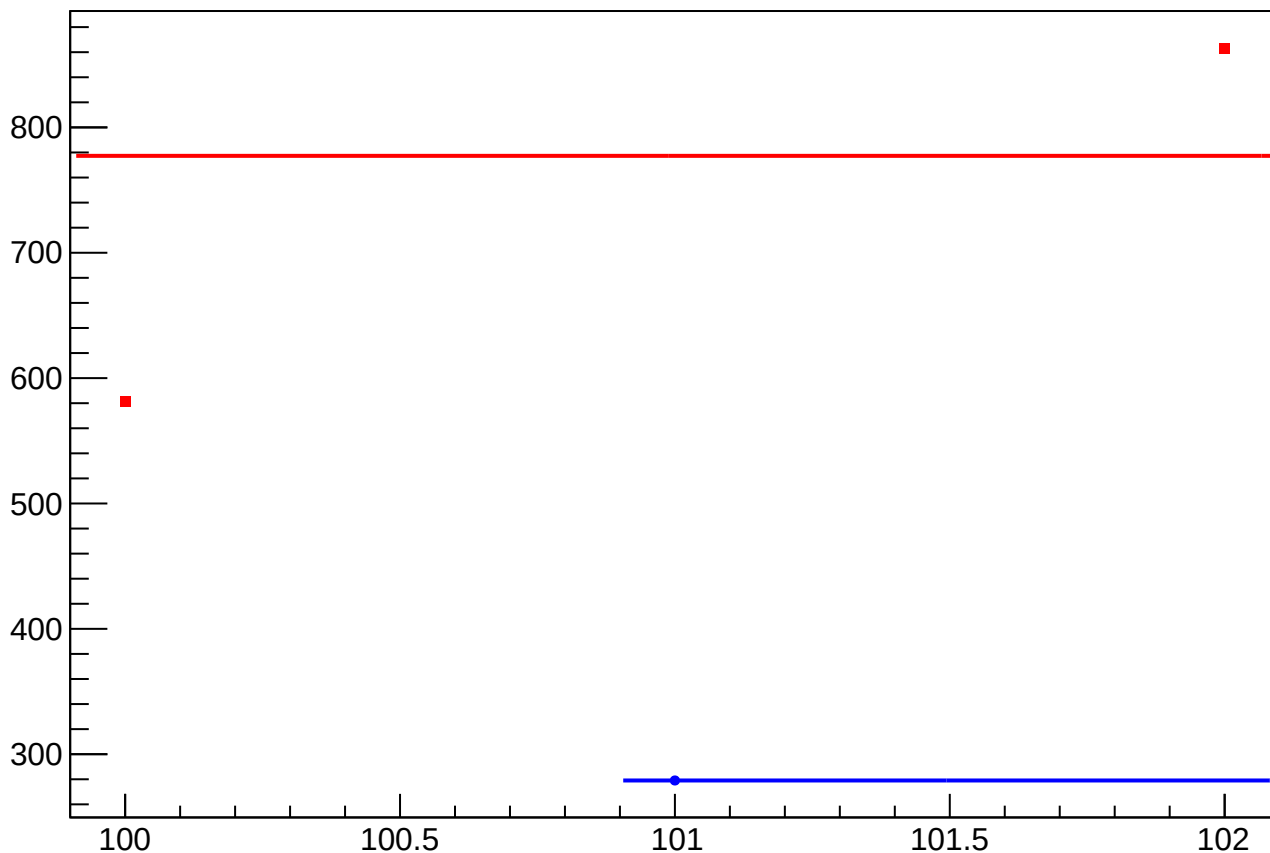
asym_usr_atr2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.327+/-0.361 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.851+/-1.199 χ^2/NDF : 0.9/1
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.229+/-0.346 χ^2/NDF : 1.7/2
 In: -0.327+/-0.361 χ^2/NDF : 0.0/0
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.229+/-0.346 χ^2/NDF : 1.7/2

asym_usr_atr2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 279.041 $\pm$ 0.256 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 777.309 $\pm$ 0.848 χ^2 /NDF: 23186.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

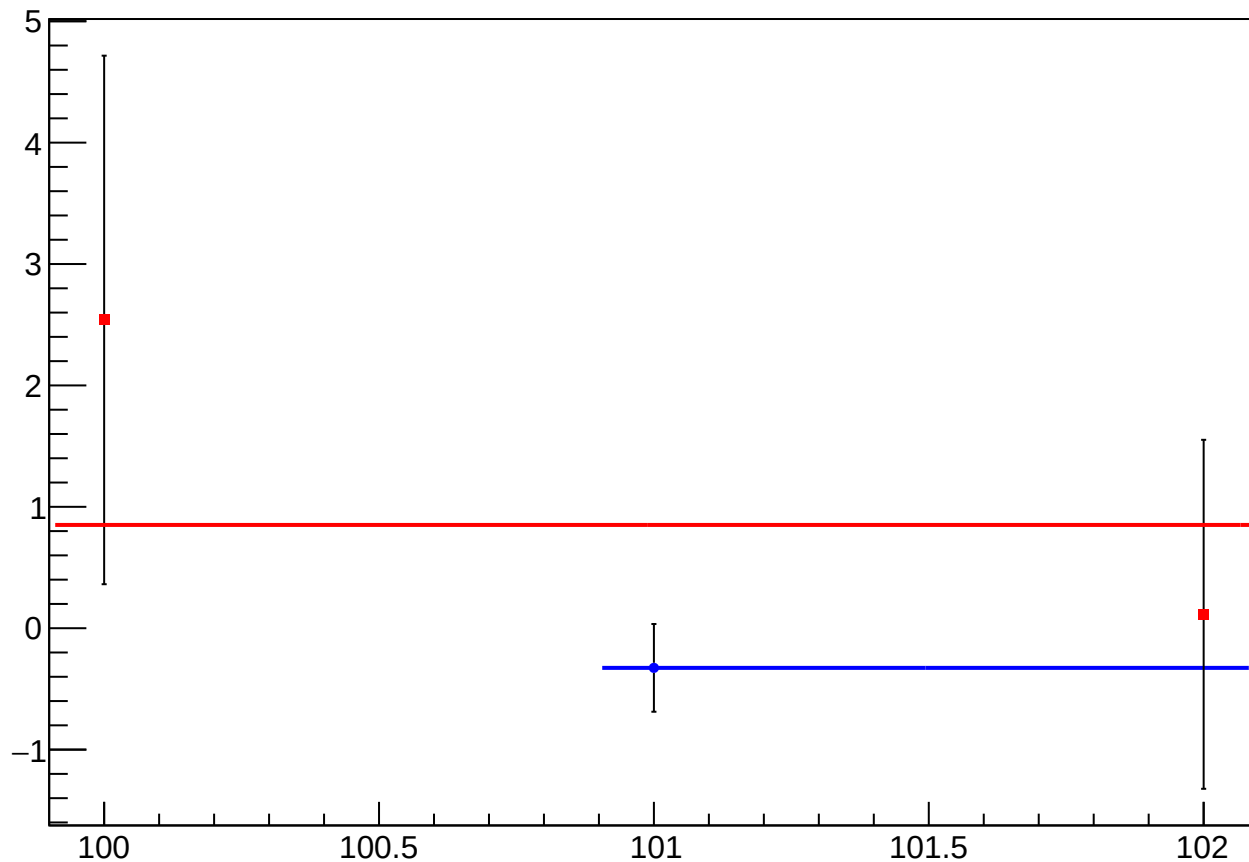
Right: 320.498 $\pm$ 0.245 χ^2 /NDF: 339580.8/2

In: 279.041 $\pm$ 0.256 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 320.498 $\pm$ 0.245 χ^2 /NDF: 339580.8/2

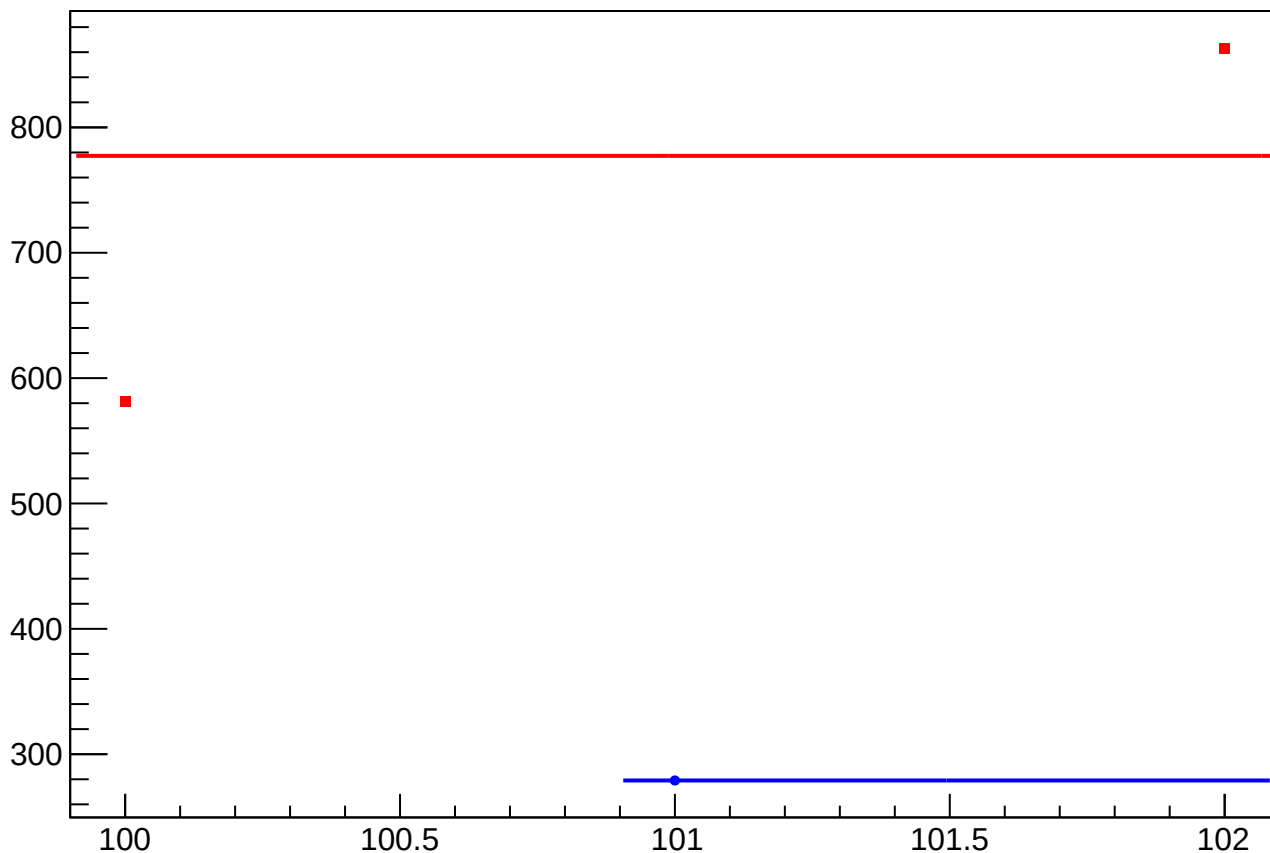
asym_usr_atr2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.327+/-0.361 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.851+/-1.199 χ^2/NDF : 0.9/1
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.229+/-0.346 χ^2/NDF : 1.7/2
 In: -0.327+/-0.361 χ^2/NDF : 0.0/0
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.229+/-0.346 χ^2/NDF : 1.7/2

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 279.041 $\pm$ 0.256 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 777.309 $\pm$ 0.848 χ^2 /NDF: 23186.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

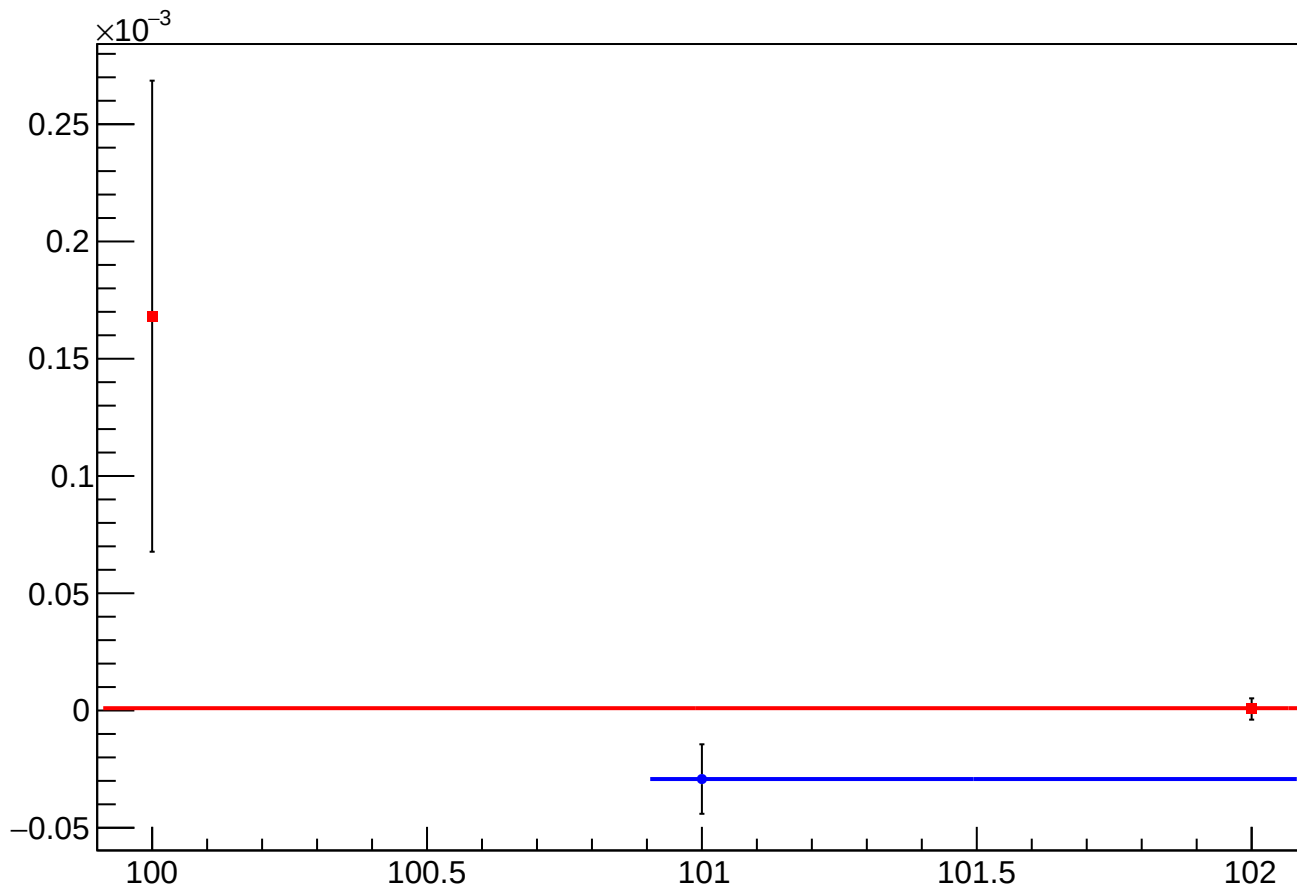
Right: 320.498 $\pm$ 0.245 χ^2 /NDF: 339580.8/2

In: 279.041 $\pm$ 0.256 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 320.498 $\pm$ 0.245 χ^2 /NDF: 339580.8/2

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_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 : 2.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

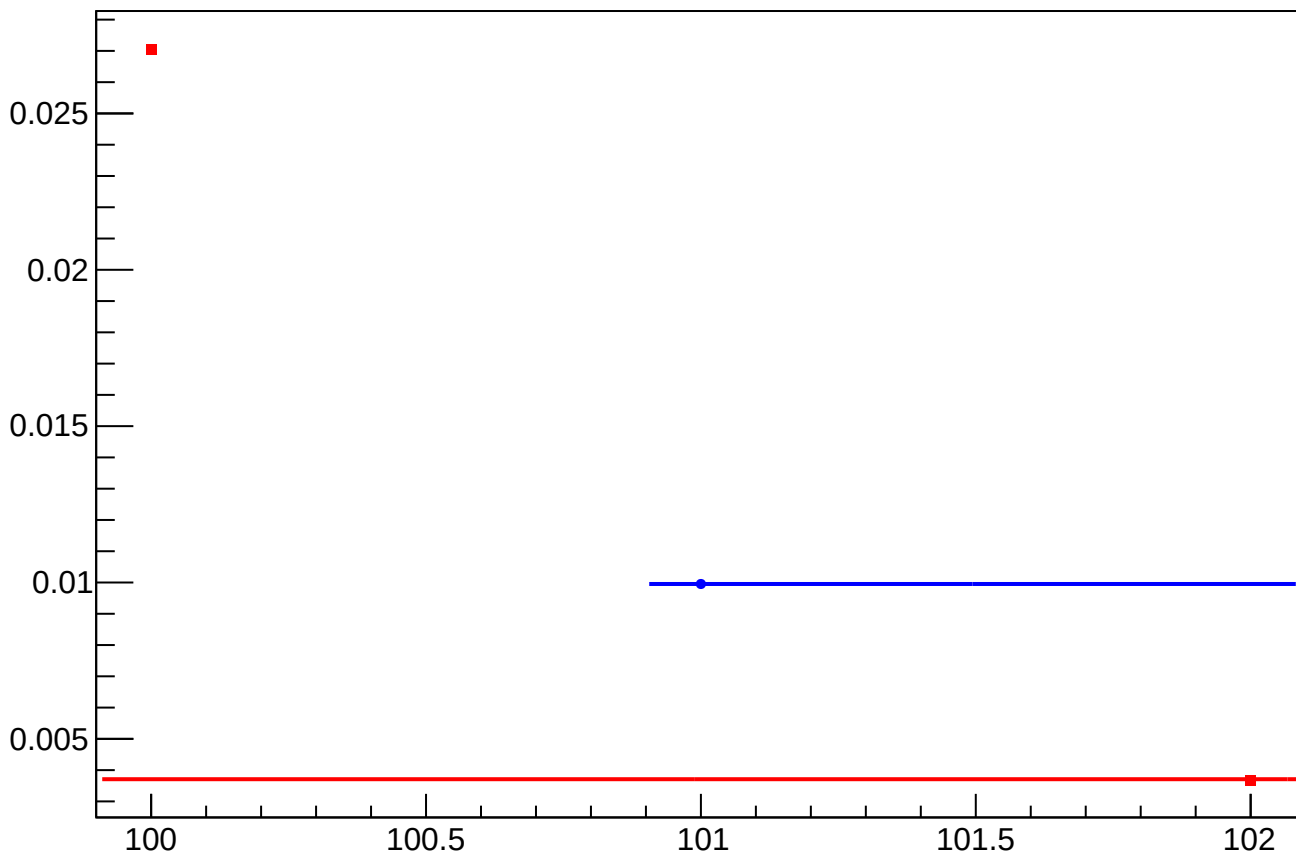
Right: -0.000+/-0.000 χ^2/NDF : 6.6/2

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 : 6.6/2

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 108078.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

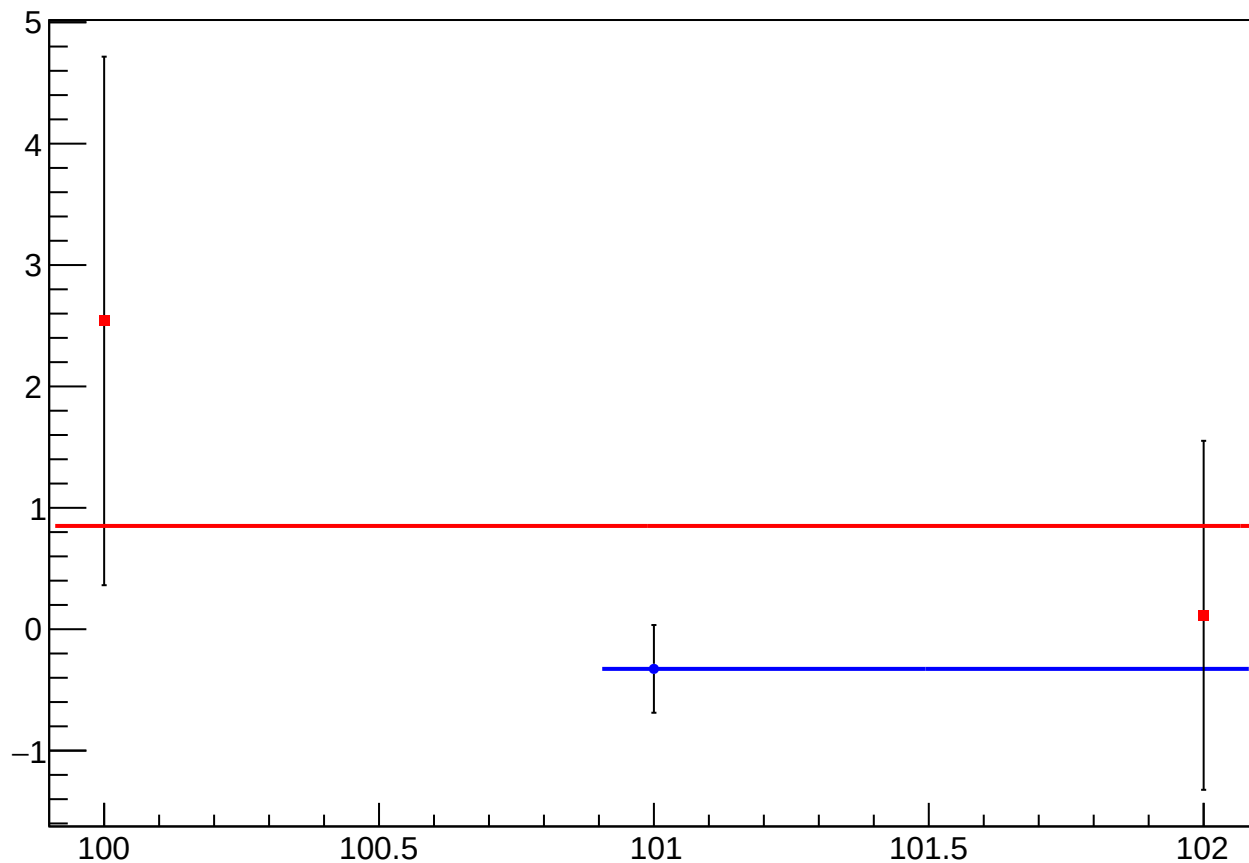
Right: 0.004+/-0.000 χ^2/NDF : 432606.0/2

In: 0.010+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 432606.0/2

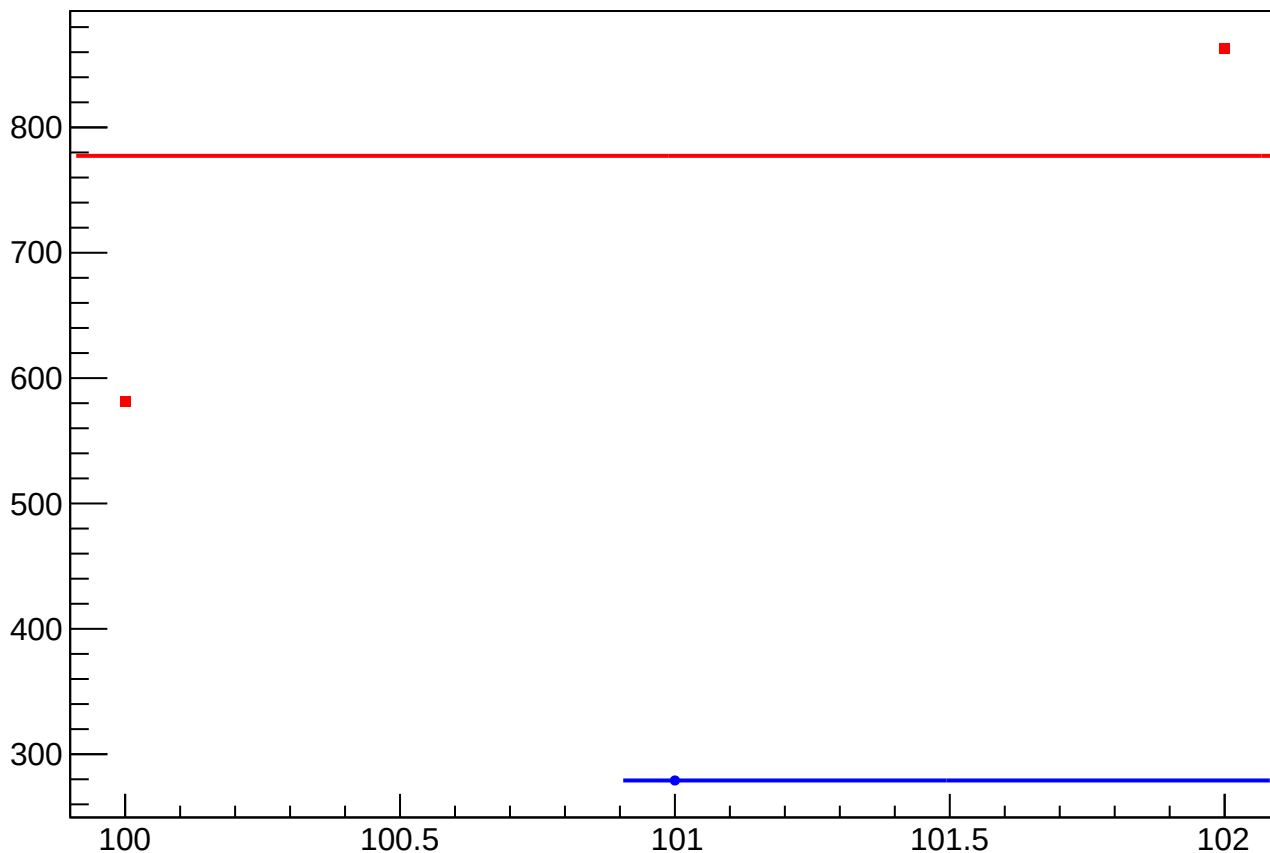
asym_usr_atr2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.327+/-0.361 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.851+/-1.199 χ^2/NDF : 0.9/1
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.229+/-0.346 χ^2/NDF : 1.7/2
 In: -0.327+/-0.361 χ^2/NDF : 0.0/0
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.229+/-0.346 χ^2/NDF : 1.7/2

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 279.041 $\pm$ 0.256 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 777.309 $\pm$ 0.848 χ^2 /NDF: 23184.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

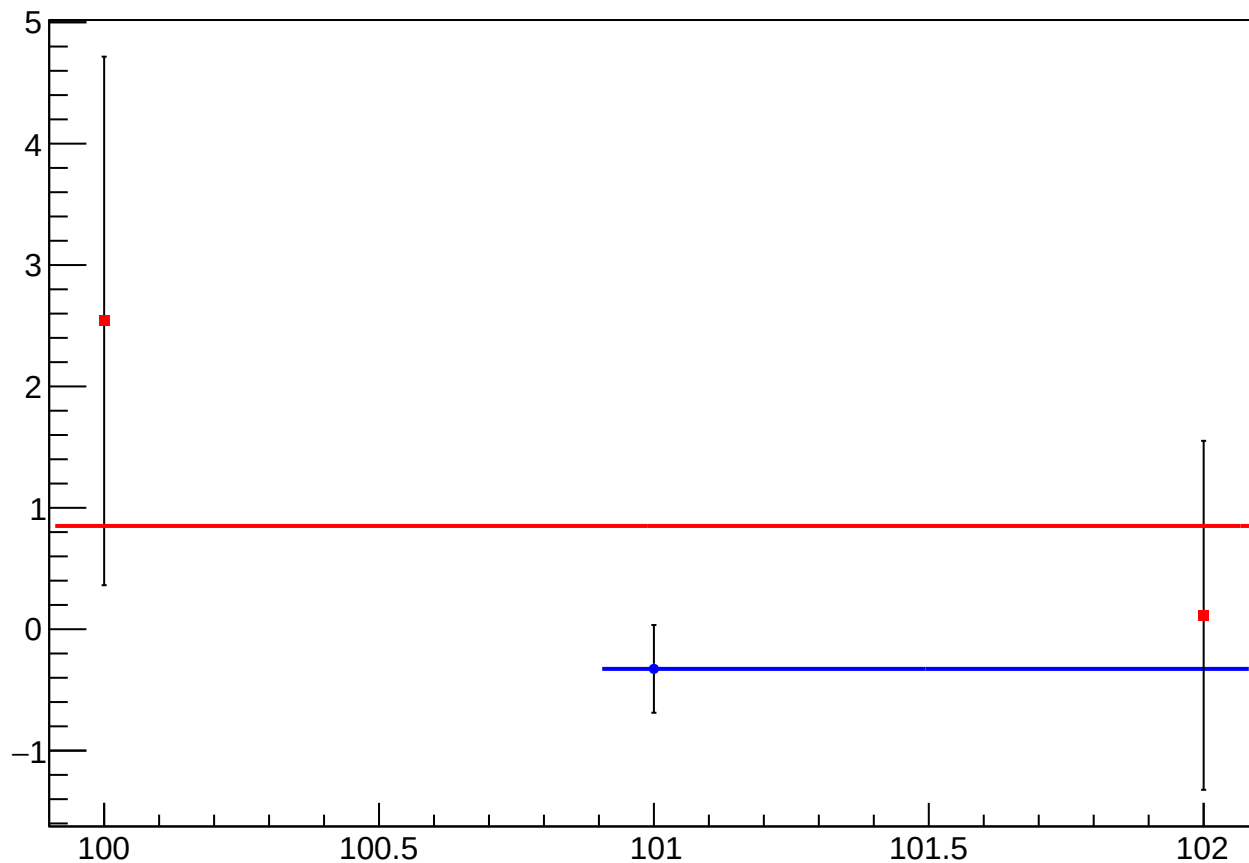
Right: 320.497 $\pm$ 0.245 χ^2 /NDF: 339579.9/2

In: 279.041 $\pm$ 0.256 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 320.497 $\pm$ 0.245 χ^2 /NDF: 339579.9/2

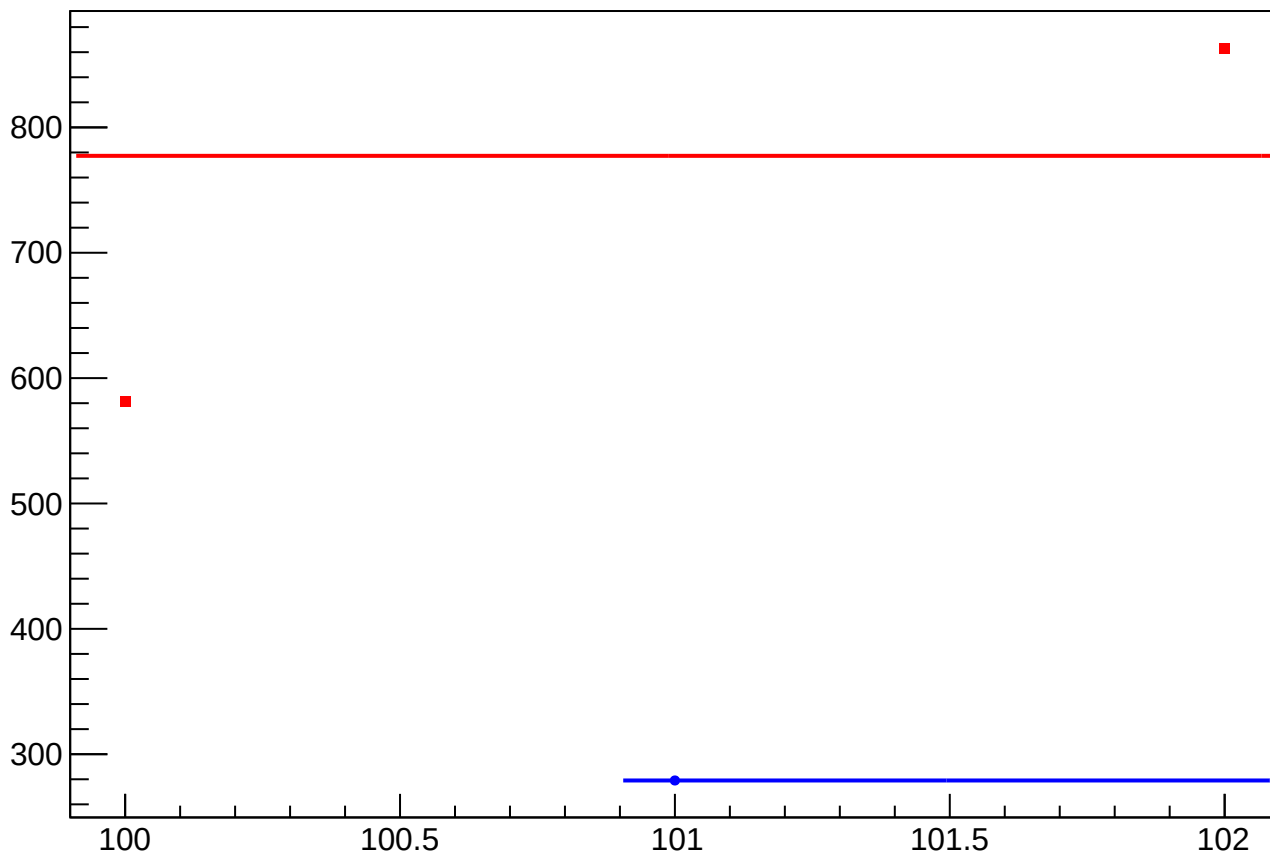
asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.327+/-0.361 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.851+/-1.199 χ^2/NDF : 0.9/1
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.229+/-0.346 χ^2/NDF : 1.7/2
 In: -0.327+/-0.361 χ^2/NDF : 0.0/0
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.229+/-0.346 χ^2/NDF : 1.7/2

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 279.041 $\pm$ 0.256 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 777.309 $\pm$ 0.848 χ^2 /NDF: 23184.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

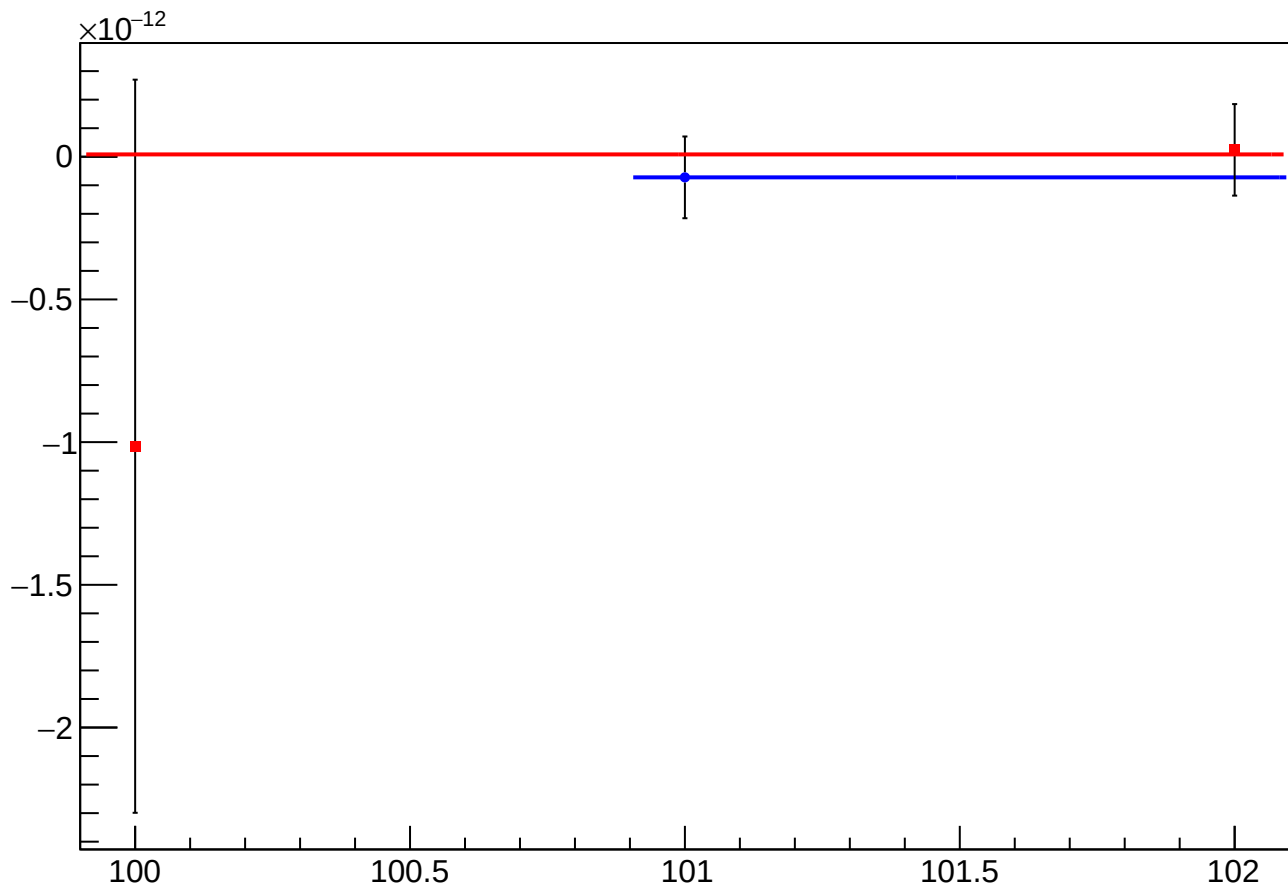
Right: 320.497 $\pm$ 0.245 χ^2 /NDF: 339579.9/2

In: 279.041 $\pm$ 0.256 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 320.497 $\pm$ 0.245 χ^2 /NDF: 339579.9/2

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_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 : 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

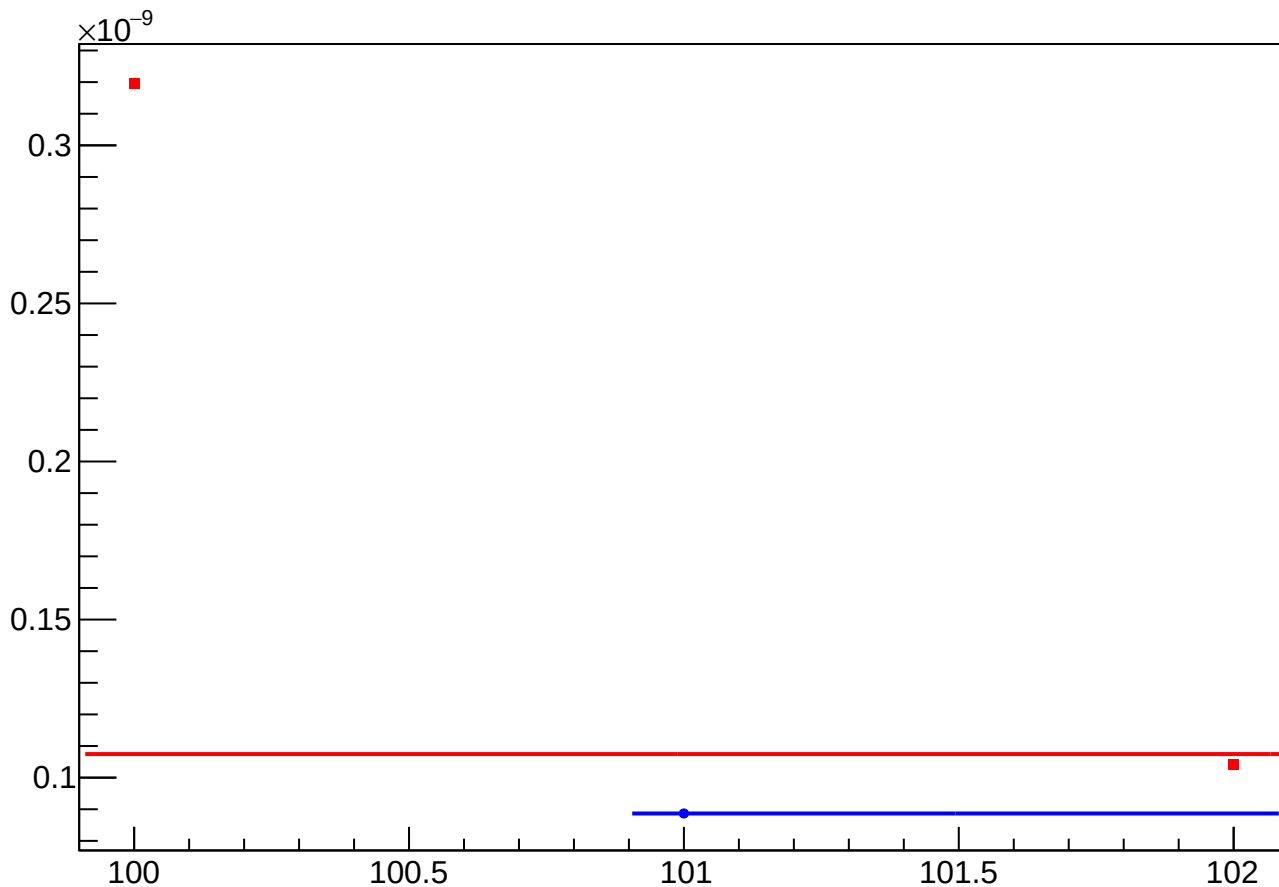
Right: -0.000+/-0.000 χ^2/NDF : 0.8/2

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 : 0.8/2

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_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 : 55383.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

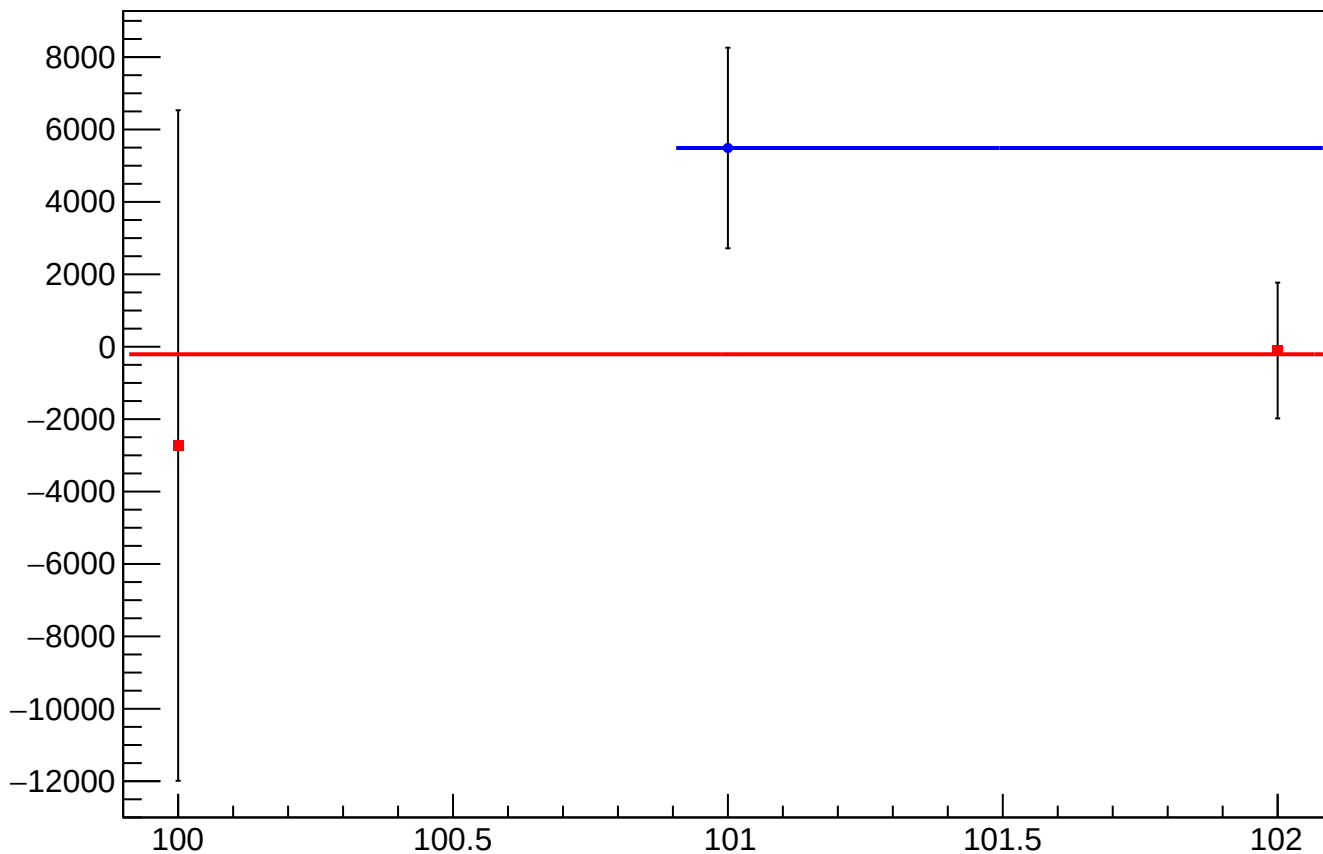
Right: 0.000+/-0.000 χ^2/NDF : 70793.8/2

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 : 70793.8/2

reg_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: 5489.347+/-2770.898 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -207.788+/-1838.390 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

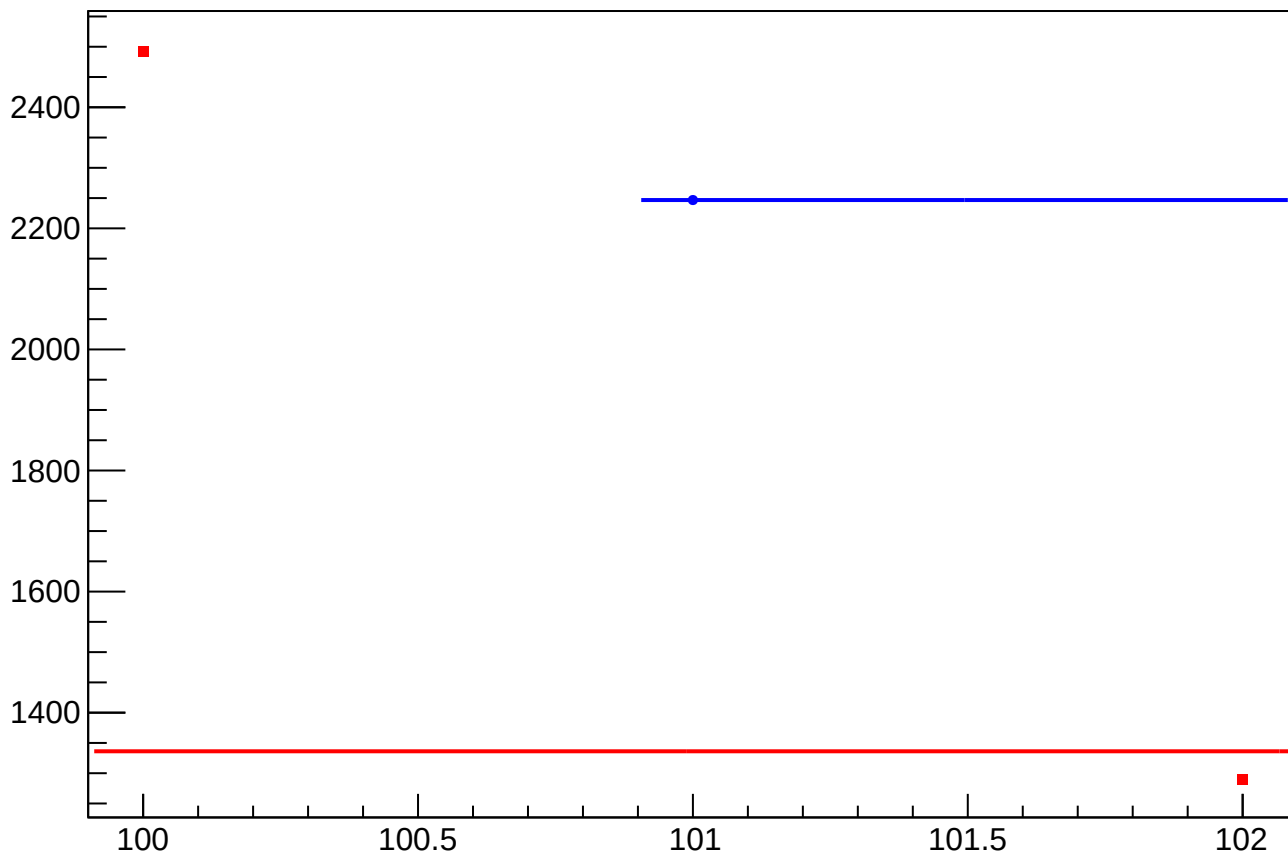
Right: 1533.509+/-1531.894 χ^2/NDF : 3.0/2

In: 5489.347+/-2770.898 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1533.509+/-1531.894 χ^2/NDF : 3.0/2

reg_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 2246.776 $\pm$ 1.959 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1336.208 $\pm$ 1.300 χ^2 /NDF: 32428.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

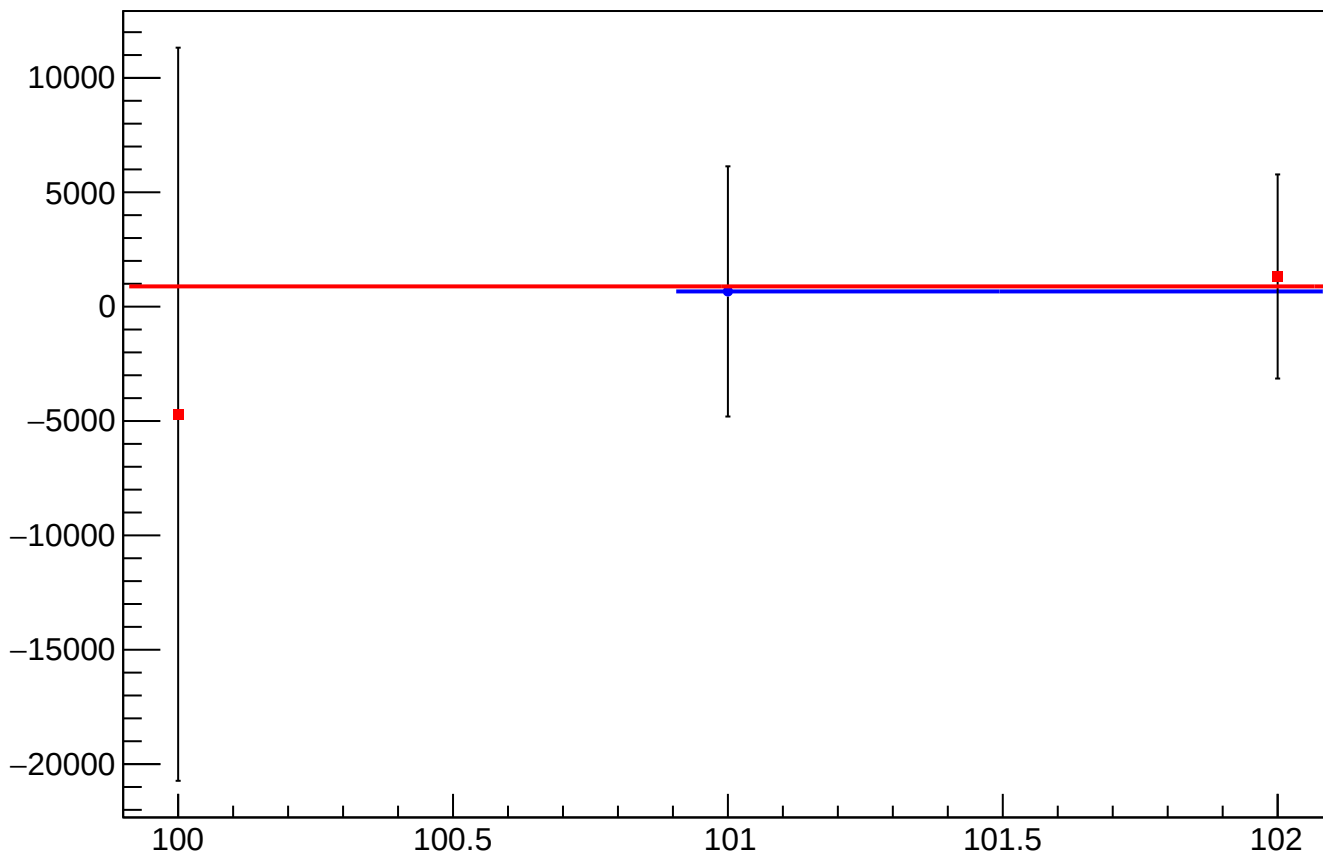
Right: 1614.517 $\pm$ 1.083 χ^2 /NDF: 182395.2/2

In: 2246.776 $\pm$ 1.959 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1614.517 $\pm$ 1.083 χ^2 /NDF: 182395.2/2

asym_usr_atr2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 665.507+/-5469.469 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 885.535+/-4298.404 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

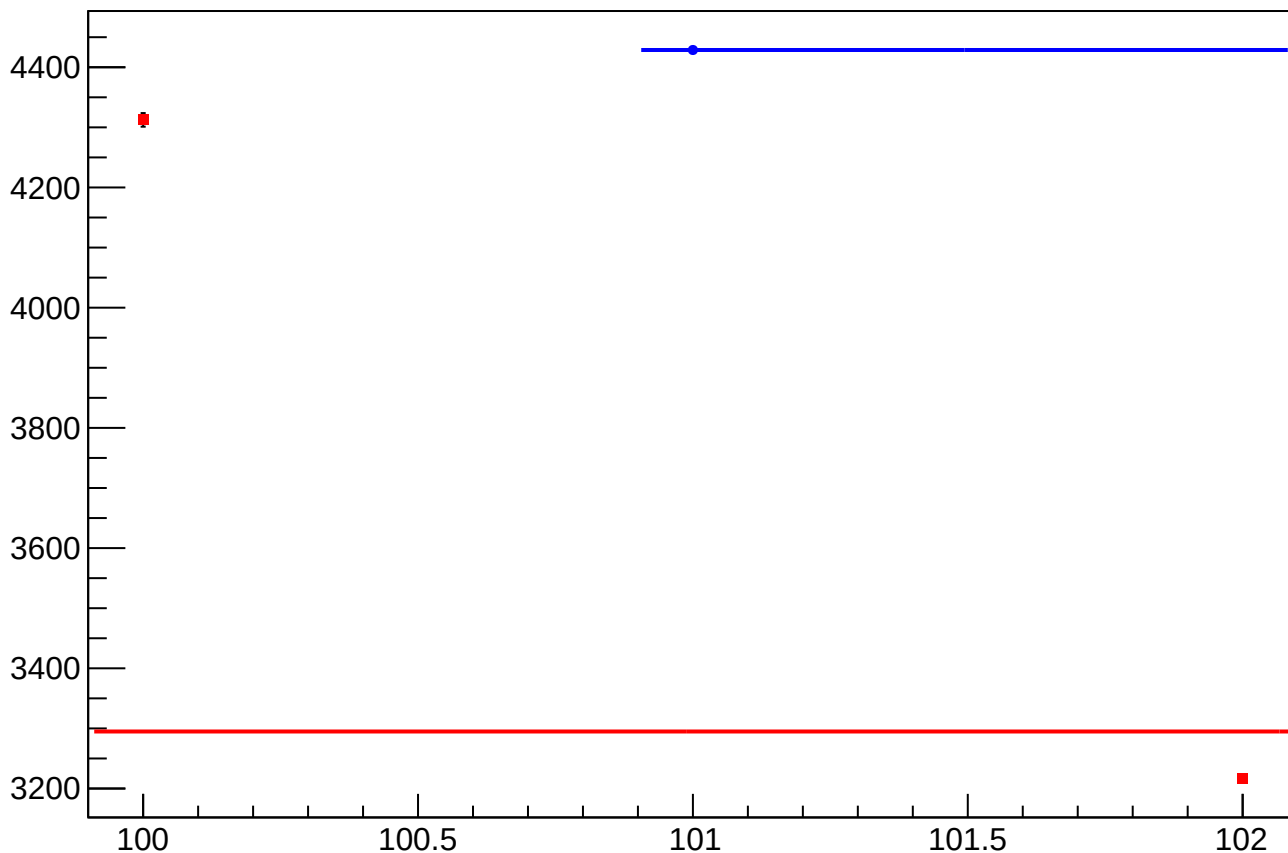
Right: 801.527+/-3379.625 χ^2/NDF : 0.1/2

In: 665.507+/-5469.469 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 801.527+/-3379.625 χ^2/NDF : 0.1/2

asym_usr_atr2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 4428.711+/-3.867 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3294.889+/-3.039 χ^2/NDF : 8688.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

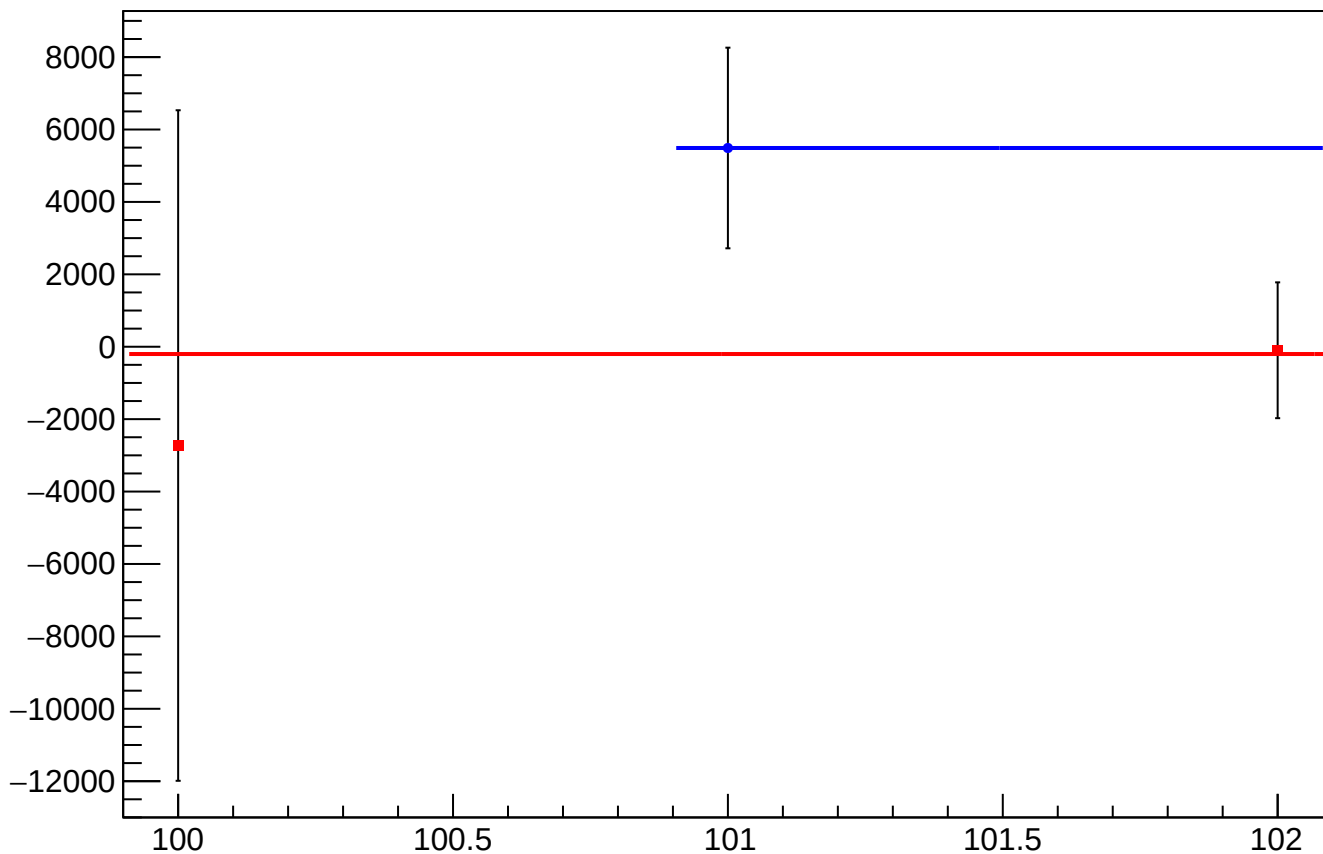
Right: 3727.793+/-2.390 χ^2/NDF : 61819.6/2

In: 4428.711+/-3.867 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3727.793+/-2.390 χ^2/NDF : 61819.6/2

cor_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: 5489.580+/-2770.898 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -201.164+/-1838.397 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

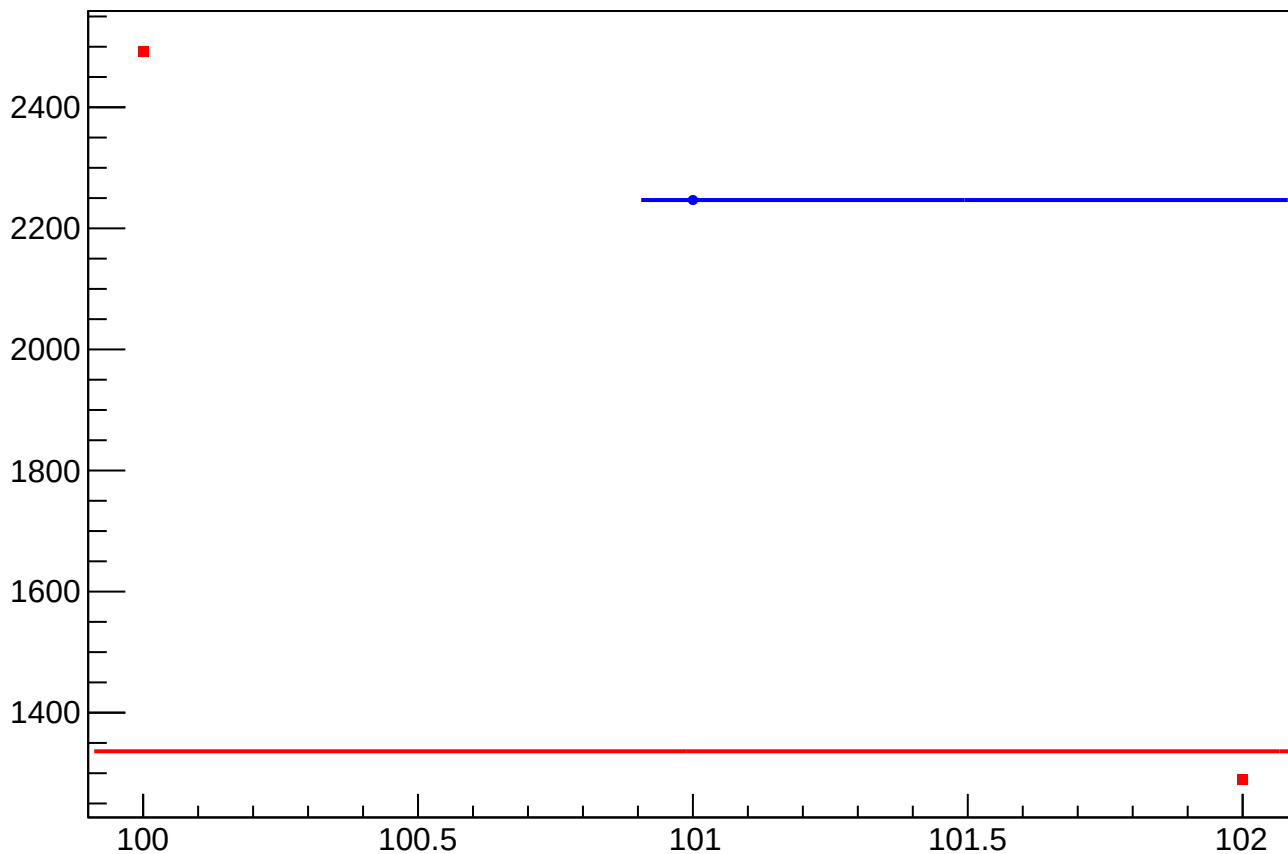
Right: 1538.189+/-1531.898 χ^2/NDF : 3.0/2

In: 5489.580+/-2770.898 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1538.189+/-1531.898 χ^2/NDF : 3.0/2

cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 2246.776 $\pm$ 1.959 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1336.209 $\pm$ 1.300 χ^2 /NDF: 32428.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

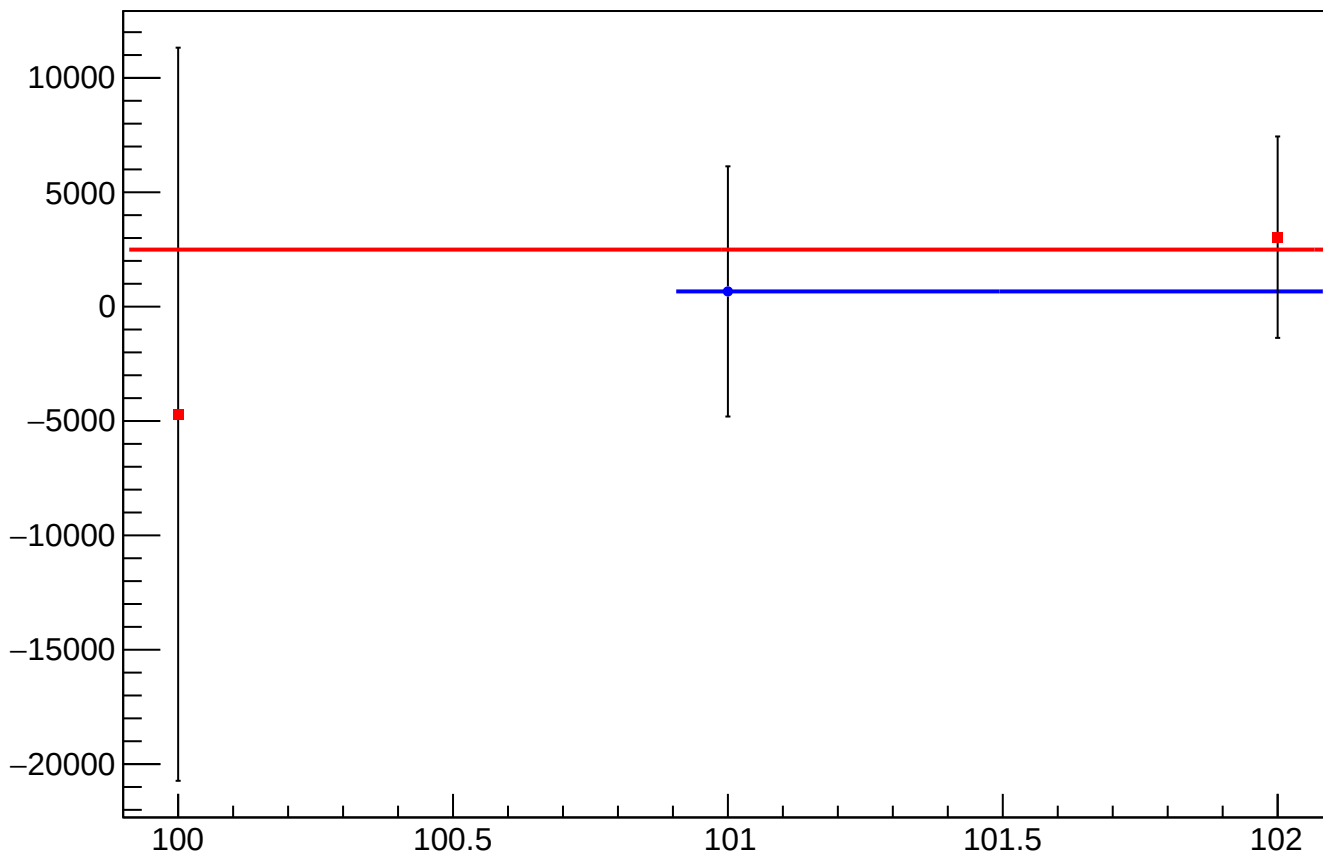
Right: 1614.519 $\pm$ 1.083 χ^2 /NDF: 182394.5/2

In: 2246.776 $\pm$ 1.959 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1614.519 $\pm$ 1.083 χ^2 /NDF: 182394.5/2

asym_usr_atr2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 665.589+/-5469.465 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2493.941+/-4245.539 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

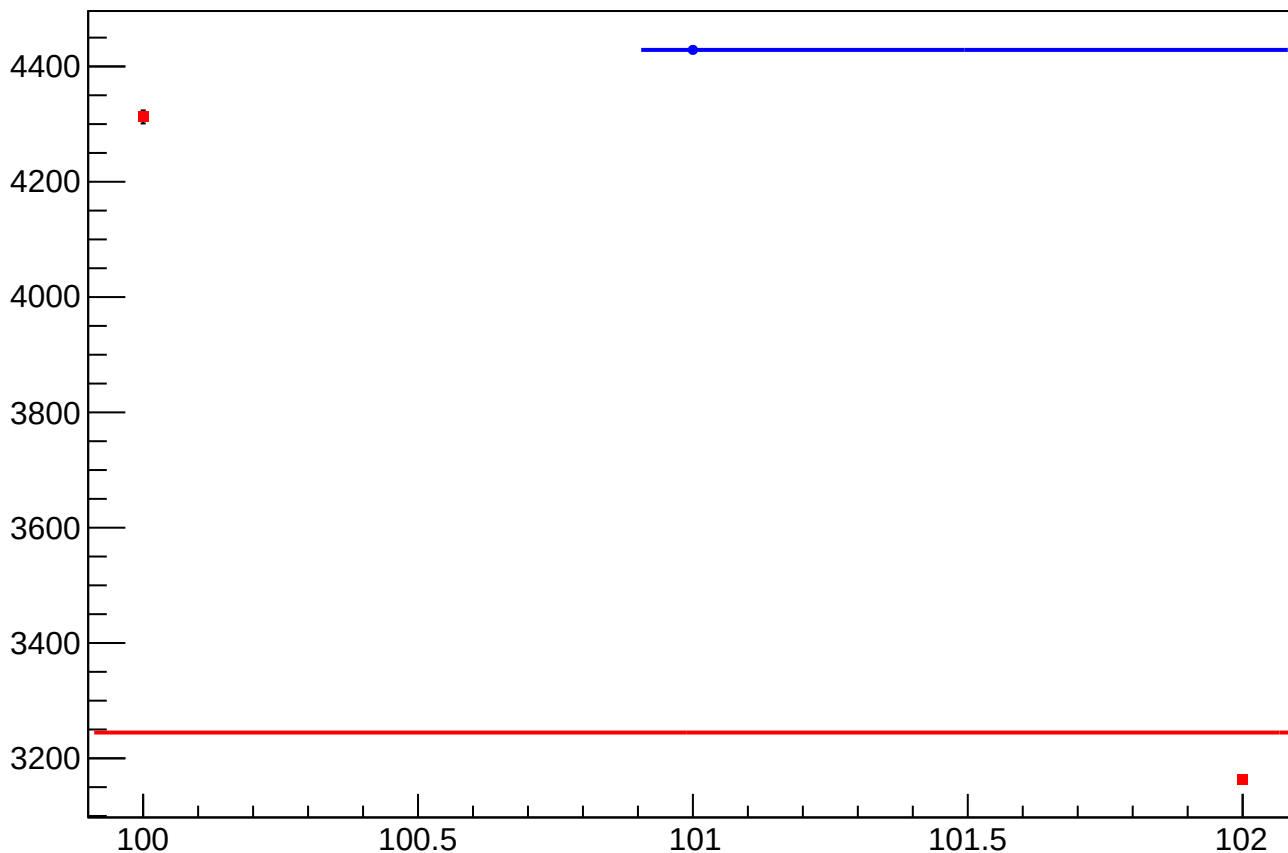
Right: 1806.507+/-3353.746 χ^2/NDF : 0.3/2

In: 665.589+/-5469.465 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1806.507+/-3353.746 χ^2/NDF : 0.3/2

asym_usr_atr2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 4428.708+/-3.867 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3244.711+/-3.002 χ^2/NDF : 9548.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

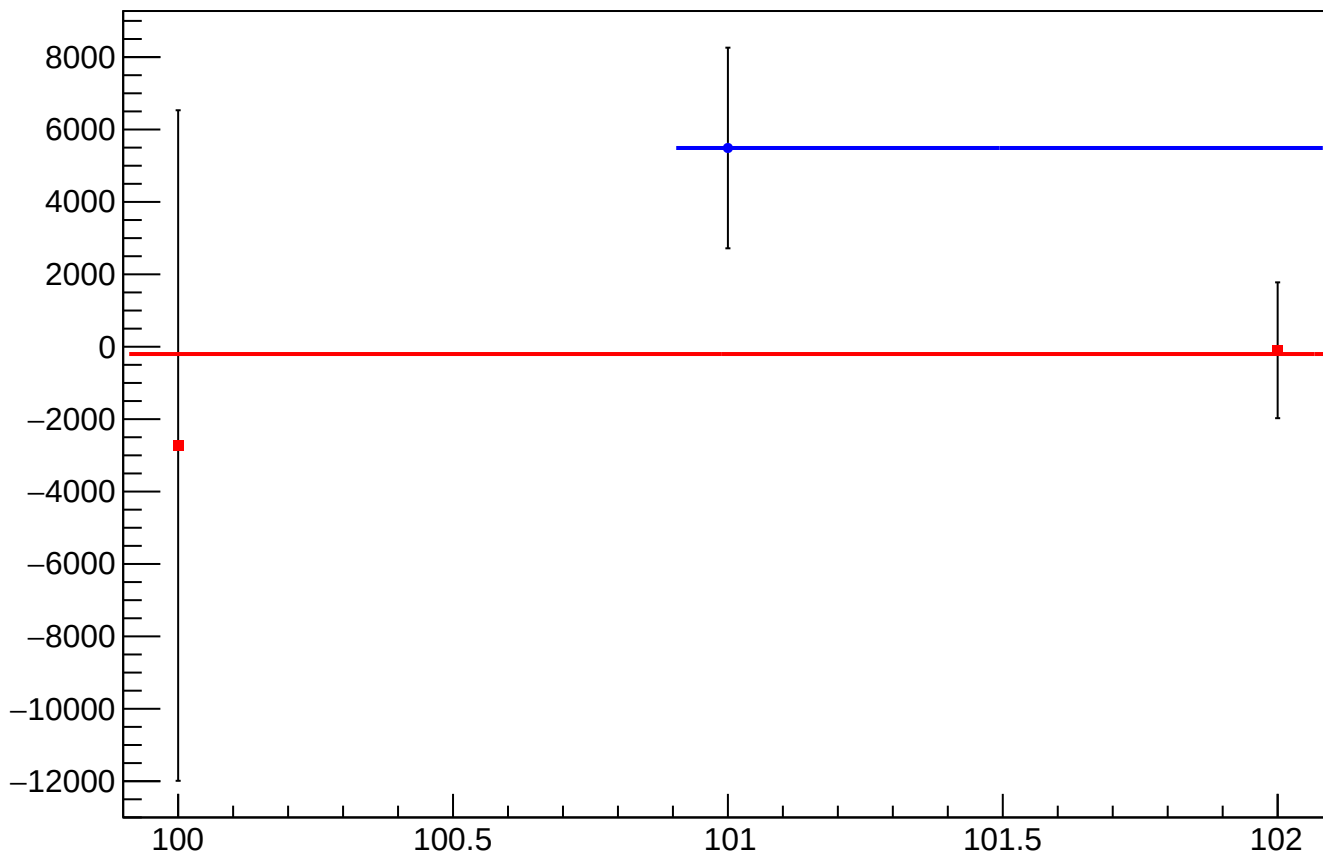
Right: 3689.876+/-2.371 χ^2/NDF : 68031.9/2

In: 4428.708+/-3.867 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3689.876+/-2.371 χ^2/NDF : 68031.9/2

eigen_cor_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: 5489.580+/-2770.898 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -201.164+/-1838.397 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

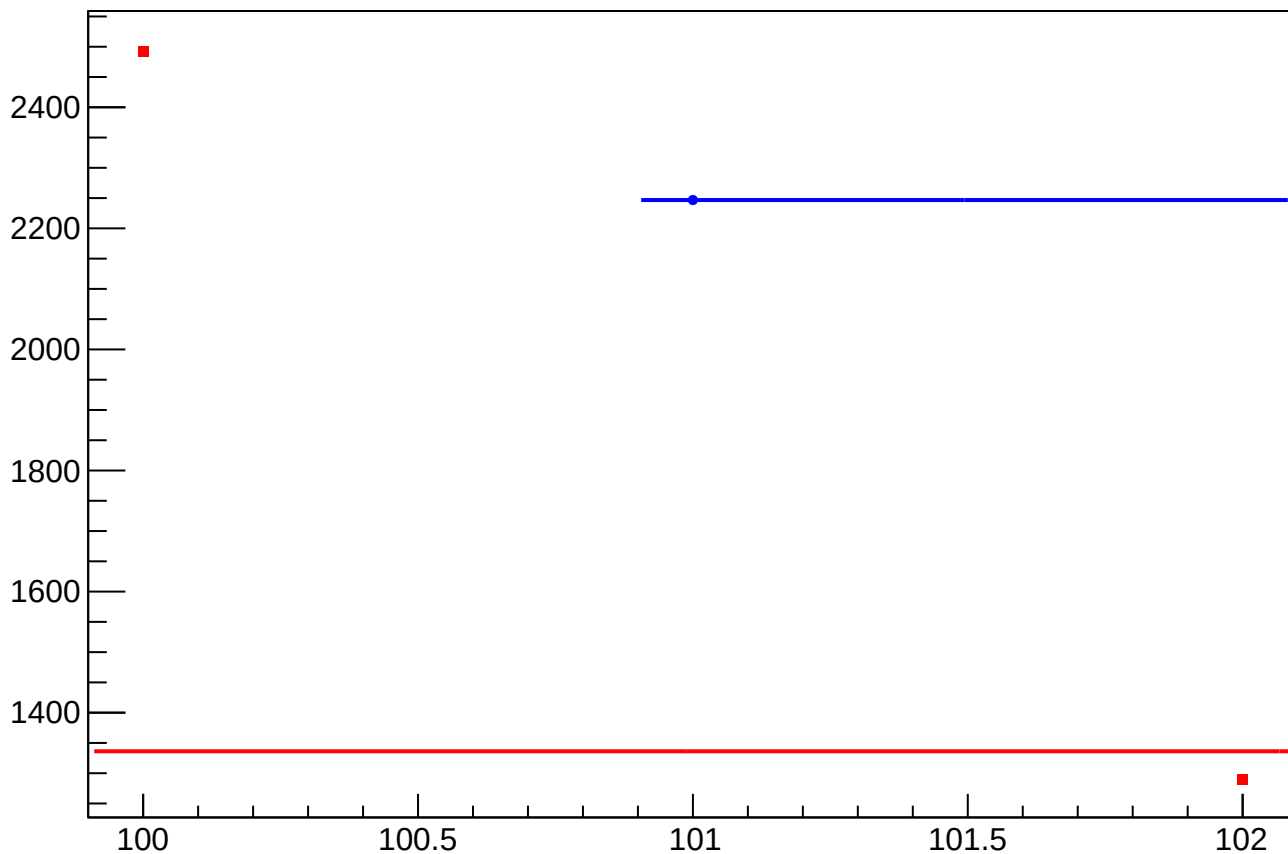
Right: 1538.189+/-1531.898 χ^2/NDF : 3.0/2

In: 5489.580+/-2770.898 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1538.189+/-1531.898 χ^2/NDF : 3.0/2

eigen_cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 2246.776 $\pm$ 1.959 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1336.209 $\pm$ 1.300 χ^2 /NDF: 32428.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

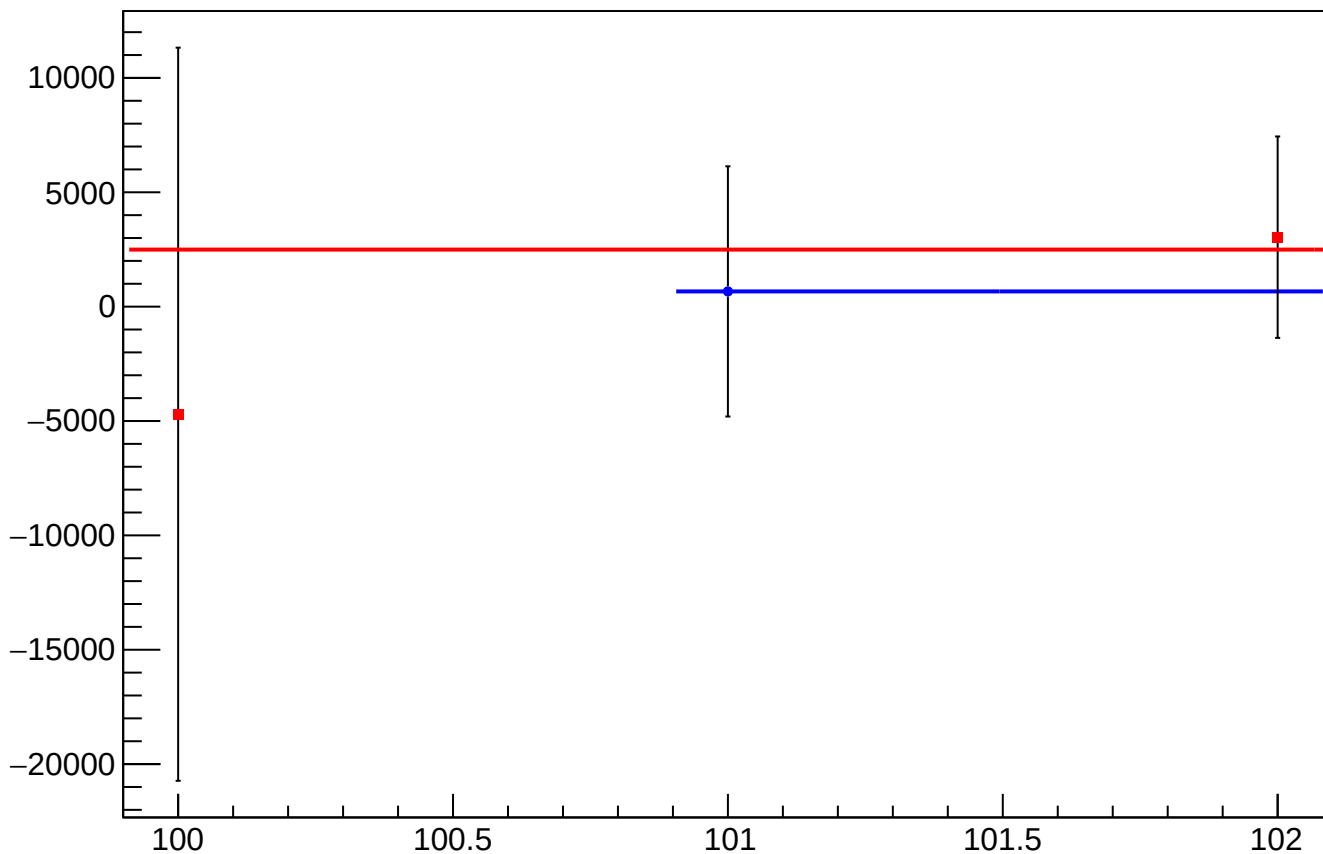
Right: 1614.519 $\pm$ 1.083 χ^2 /NDF: 182394.5/2

In: 2246.776 $\pm$ 1.959 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1614.519 $\pm$ 1.083 χ^2 /NDF: 182394.5/2

asym_usr_atr2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 665.589+/-5469.465 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2493.941+/-4245.539 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

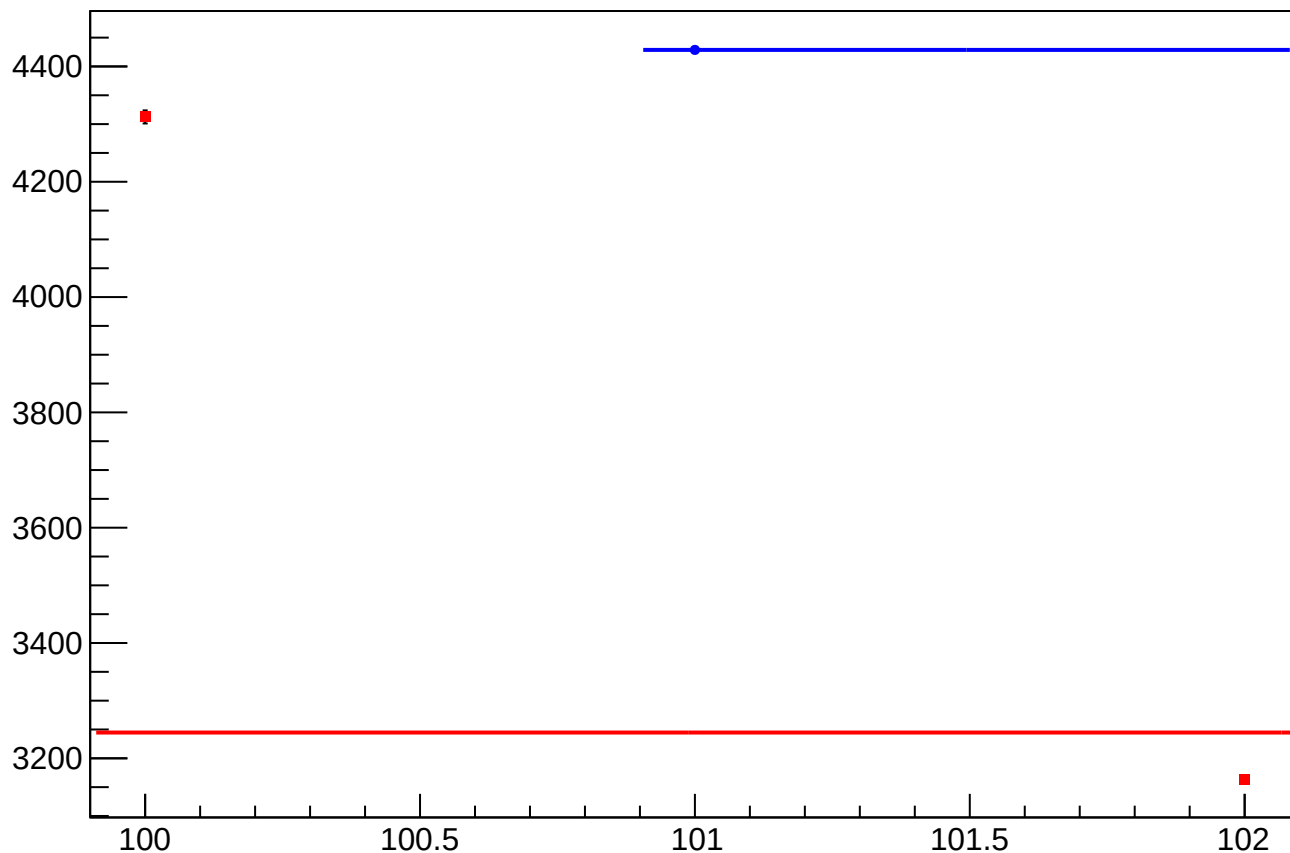
Right: 1806.507+/-3353.746 χ^2/NDF : 0.3/2

In: 665.589+/-5469.465 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1806.507+/-3353.746 χ^2/NDF : 0.3/2

asym_usr_atr2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4428.708 $\pm$ 3.867 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3244.711 $\pm$ 3.002 χ^2 /NDF: 9548.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

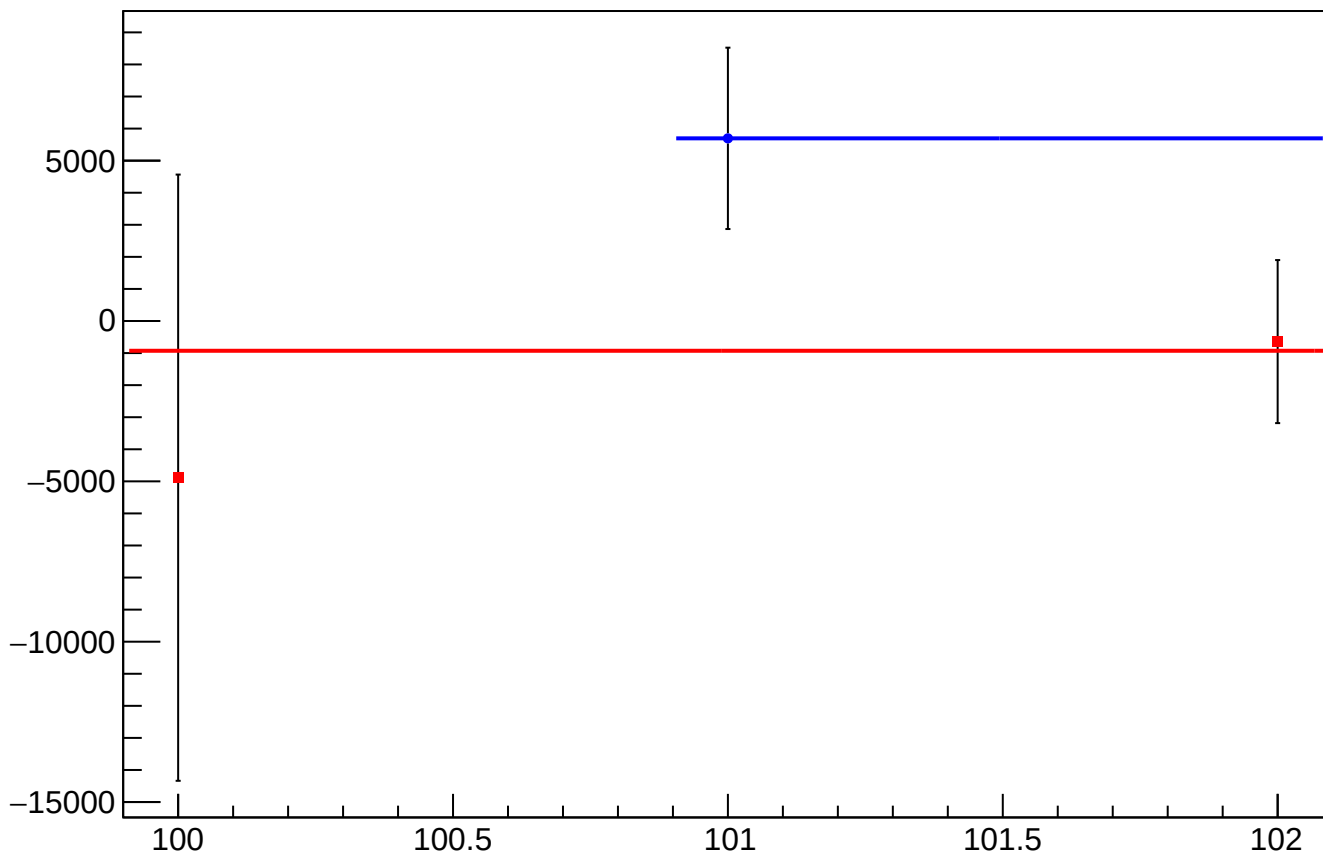
Right: 3689.876 $\pm$ 2.371 χ^2 /NDF: 68031.9/2

In: 4428.708 $\pm$ 3.867 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3689.876 $\pm$ 2.371 χ^2 /NDF: 68031.9/2

dit_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: 5695.512 $\pm$ 2827.520 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -928.321 $\pm$ 2454.912 χ^2 /NDF: 0.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

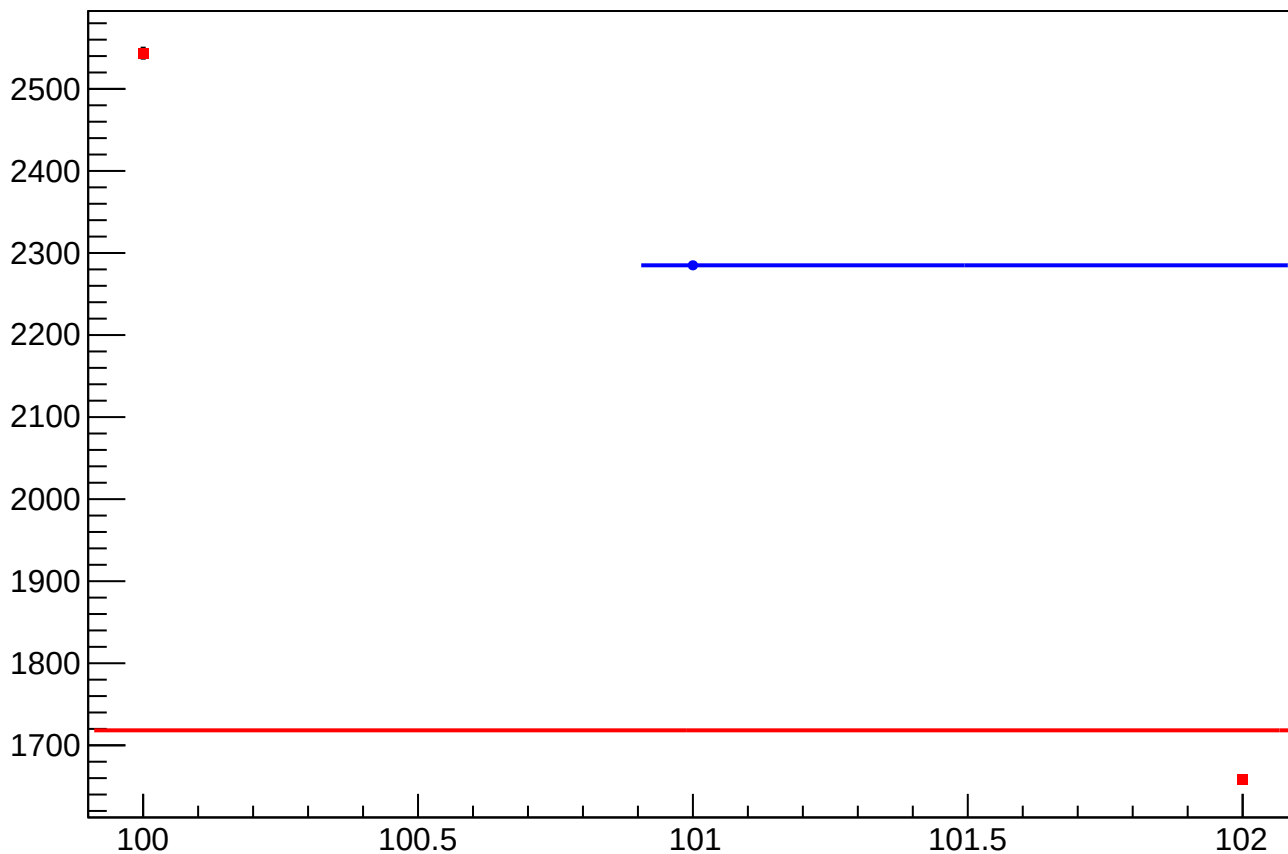
Right: 1918.682 $\pm$ 1853.724 χ^2 /NDF: 3.3/2

In: 5695.512 $\pm$ 2827.520 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1918.682 $\pm$ 1853.724 χ^2 /NDF: 3.3/2

dit_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 2284.985+/-1.999 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1718.244+/-1.736 χ^2/NDF : 16352.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

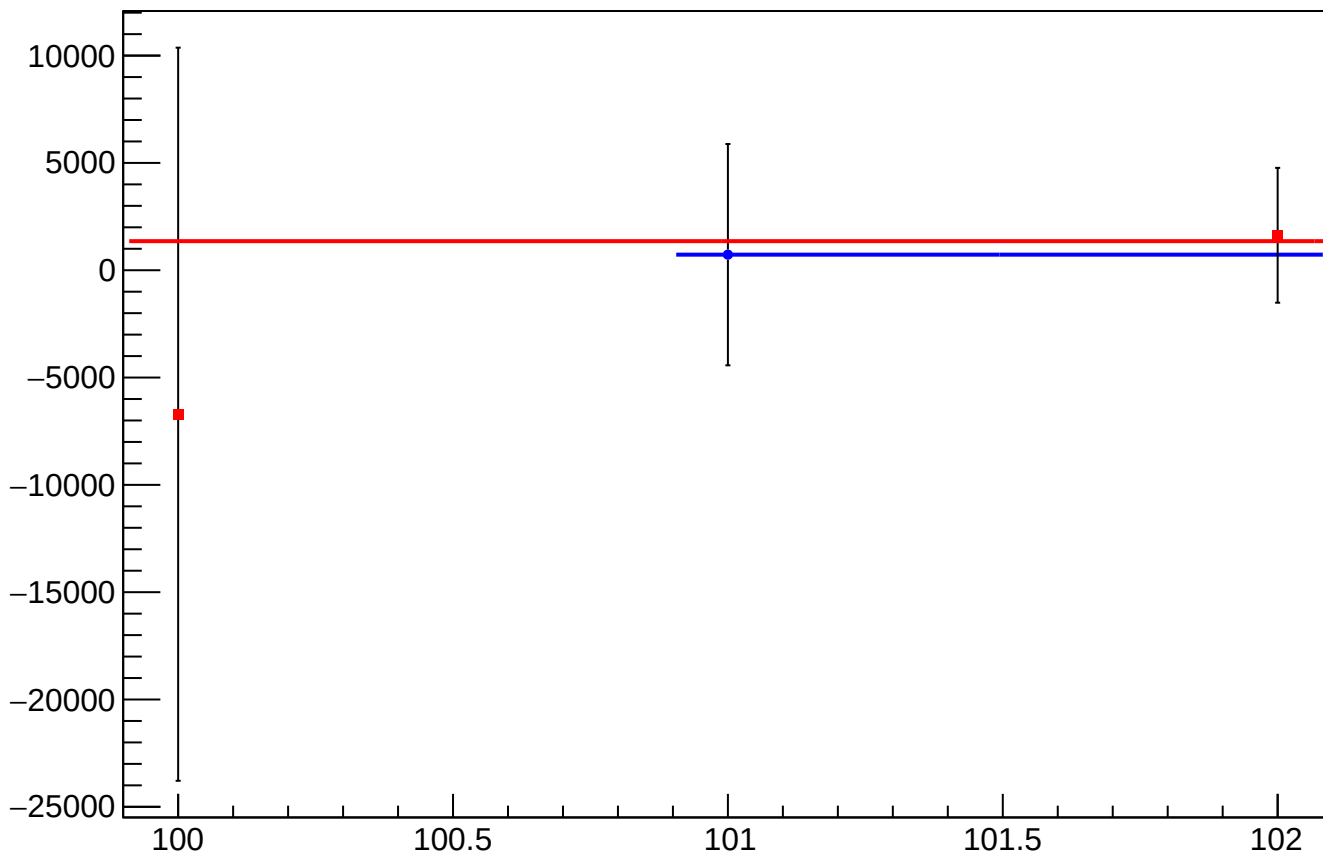
Right: 1961.836+/-1.311 χ^2/NDF : 62167.5/2

In: 2284.985+/-1.999 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1961.836+/-1.311 χ^2/NDF : 62167.5/2

asym_usr_atr2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 725.788 $\pm$ 5155.913 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1355.182 $\pm$ 3089.209 χ^2 /NDF: 0.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

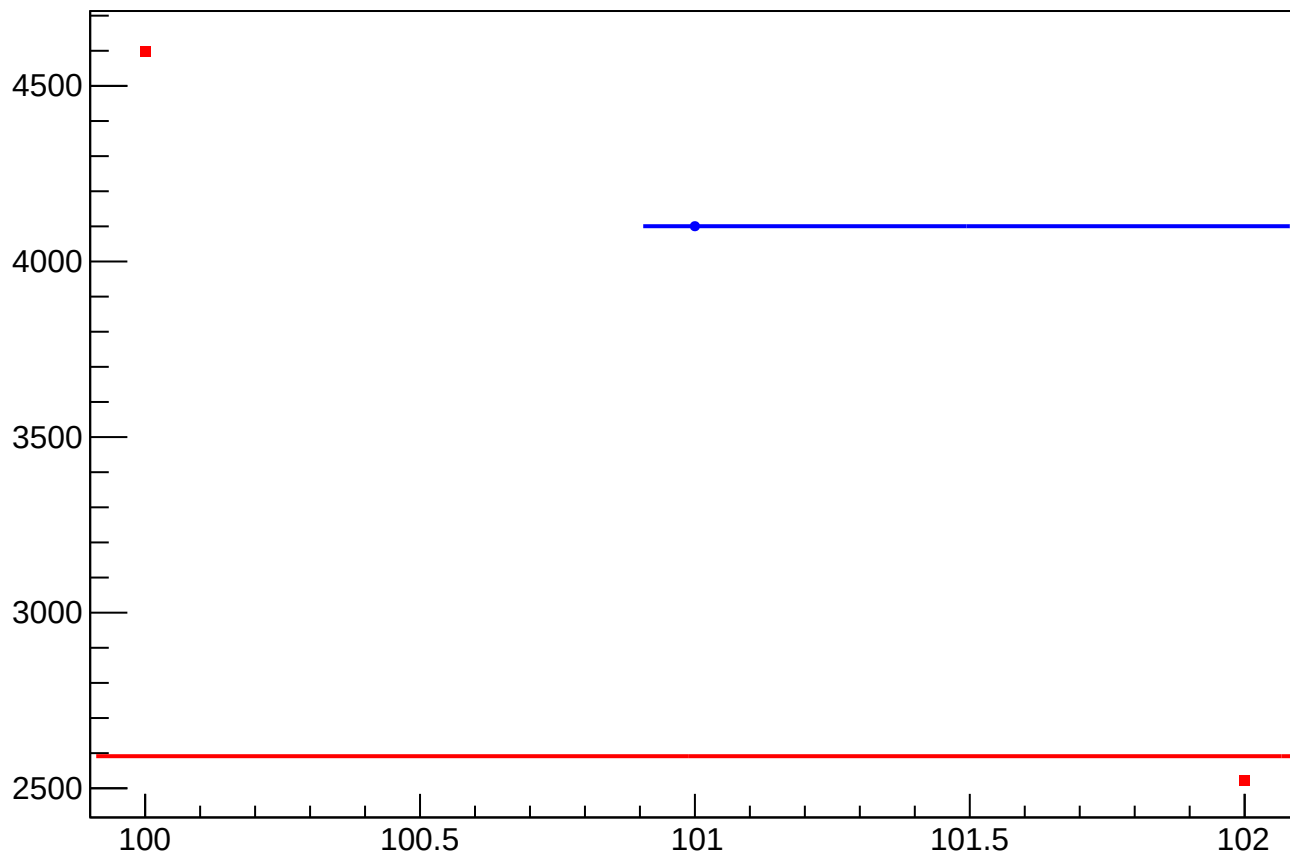
Right: 1188.921 $\pm$ 2649.958 χ^2 /NDF: 0.2/2

In: 725.788 $\pm$ 5155.913 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1188.921 $\pm$ 2649.958 χ^2 /NDF: 0.2/2

asym_usr_atr2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 4100.457+/-3.646 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2591.313+/-2.184 χ^2/NDF : 28510.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

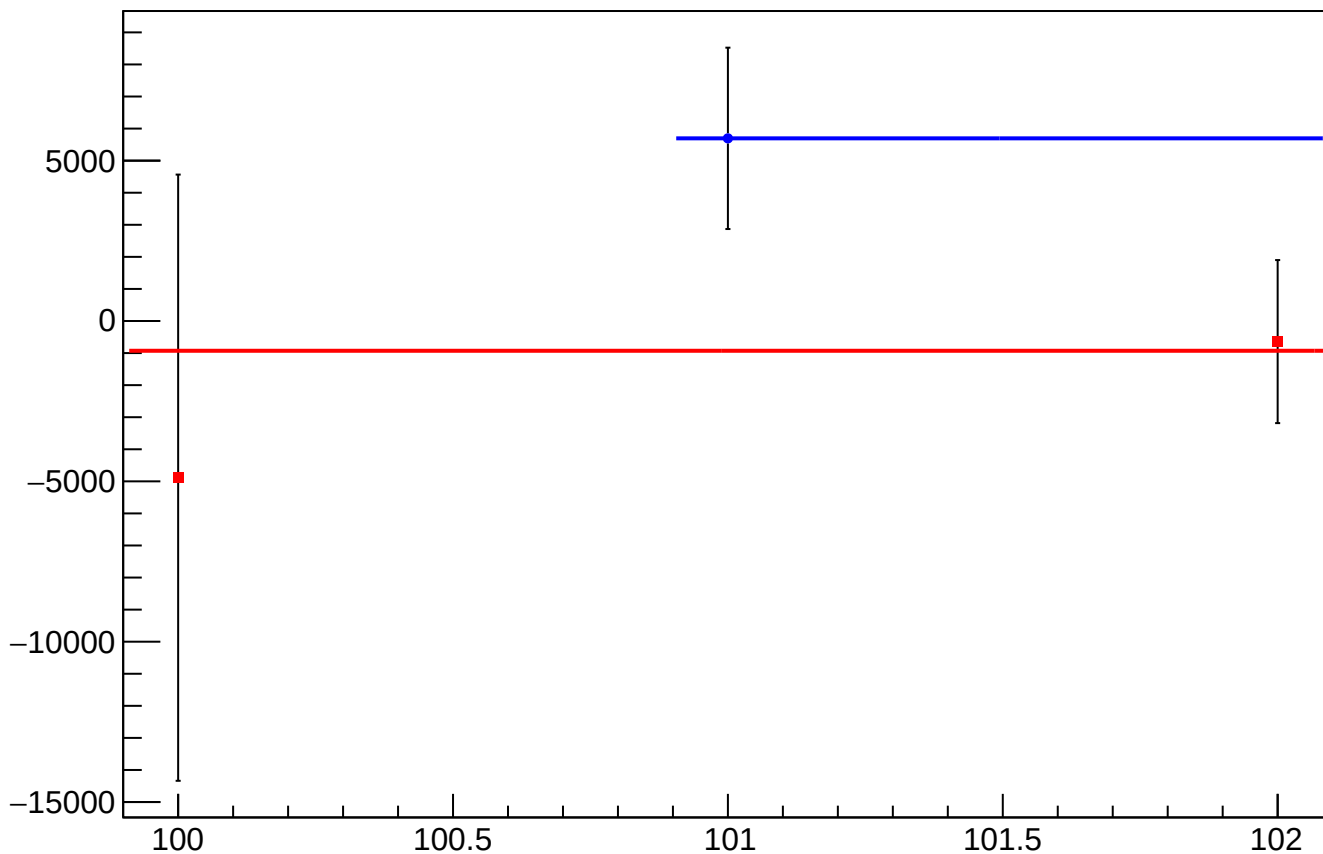
Right: 2989.969+/-1.874 χ^2/NDF : 154595.3/2

In: 4100.457+/-3.646 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2989.969+/-1.874 χ^2/NDF : 154595.3/2

eigen_dit_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: 5695.553+/-2827.520 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -928.349+/-2454.914 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

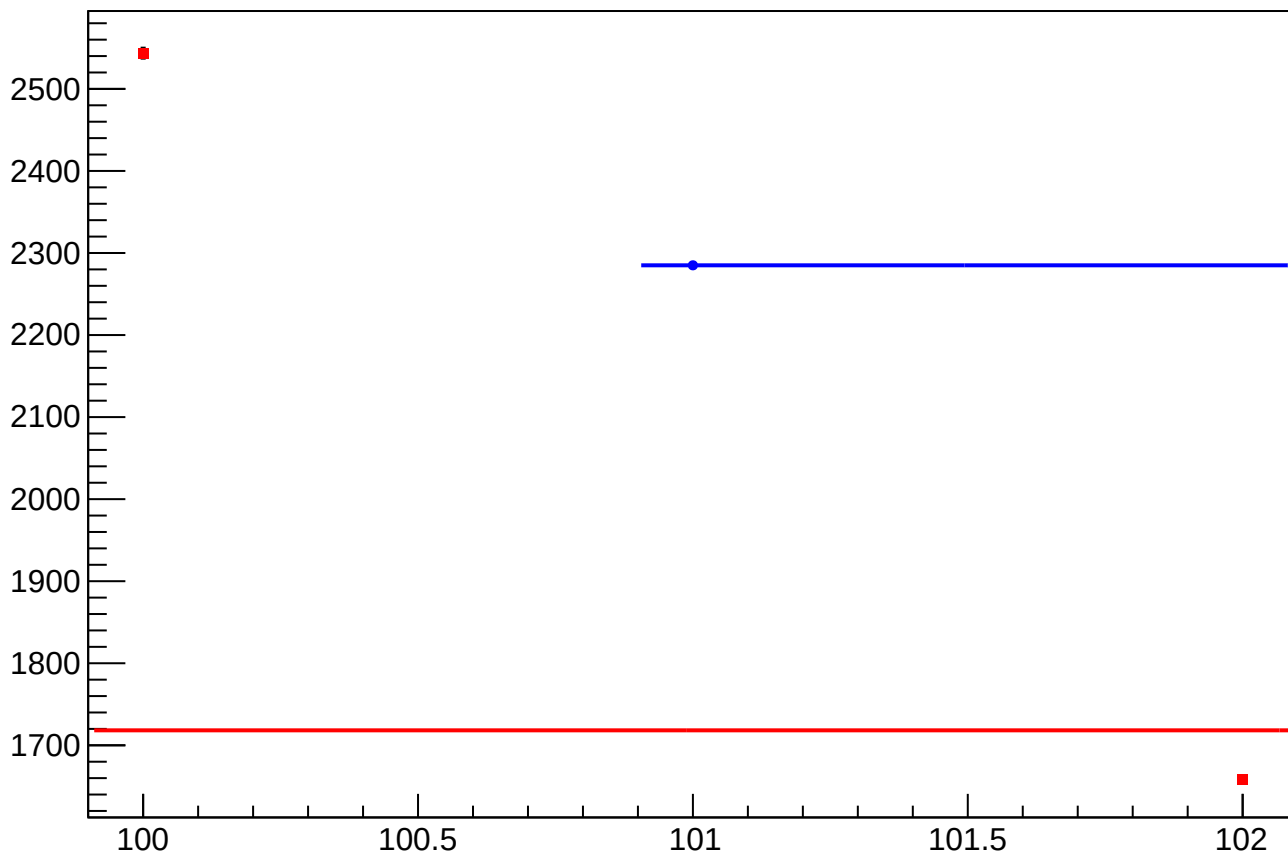
Right: 1918.686+/-1853.724 χ^2/NDF : 3.3/2

In: 5695.553+/-2827.520 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1918.686+/-1853.724 χ^2/NDF : 3.3/2

eigen_dit_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 2284.985+/-1.999 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1718.245+/-1.736 χ^2/NDF : 16352.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

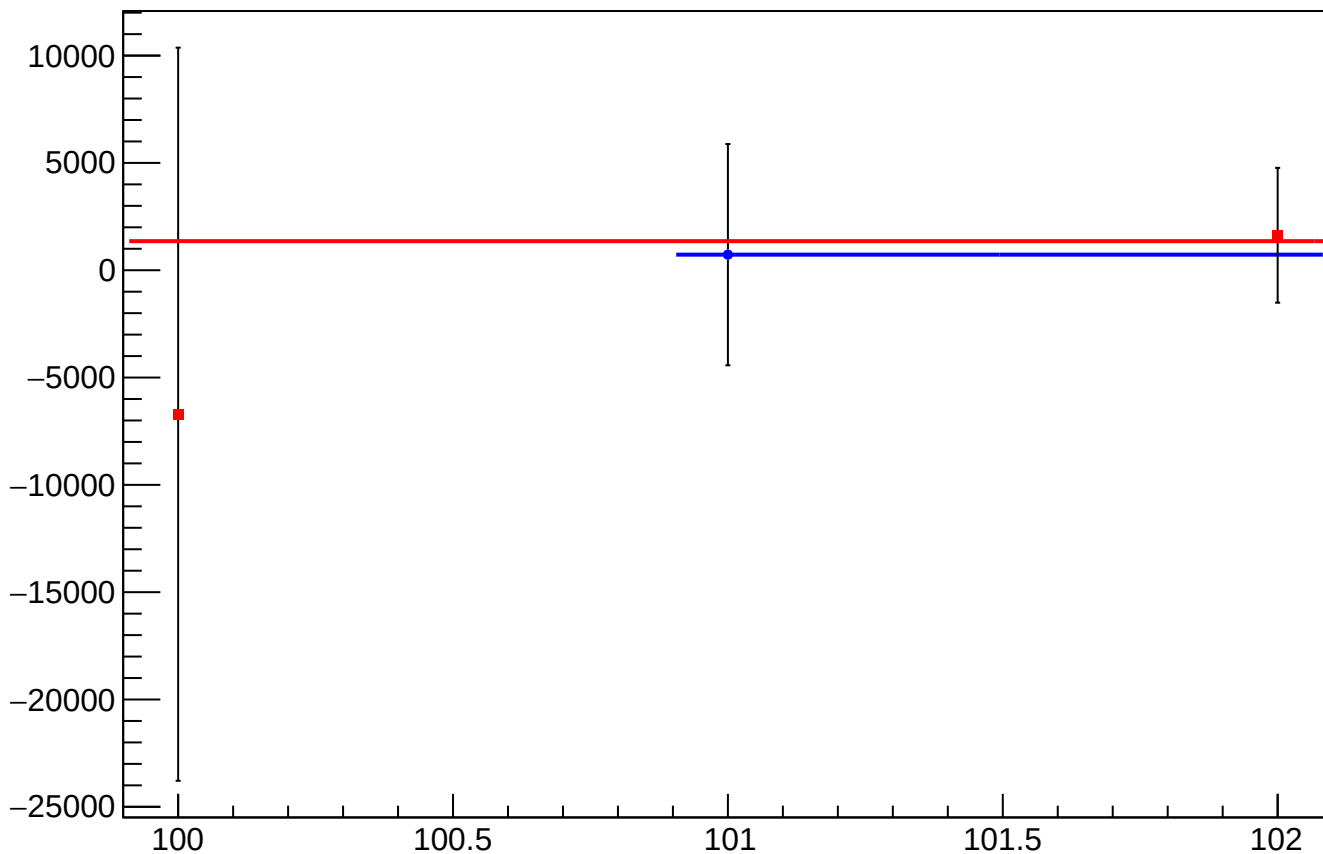
Right: 1961.837+/-1.311 χ^2/NDF : 62167.2/2

In: 2284.985+/-1.999 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1961.837+/-1.311 χ^2/NDF : 62167.2/2

asym_usr_atr2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 725.815 $\pm$ 5155.909 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1355.179 $\pm$ 3089.210 χ^2 /NDF: 0.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

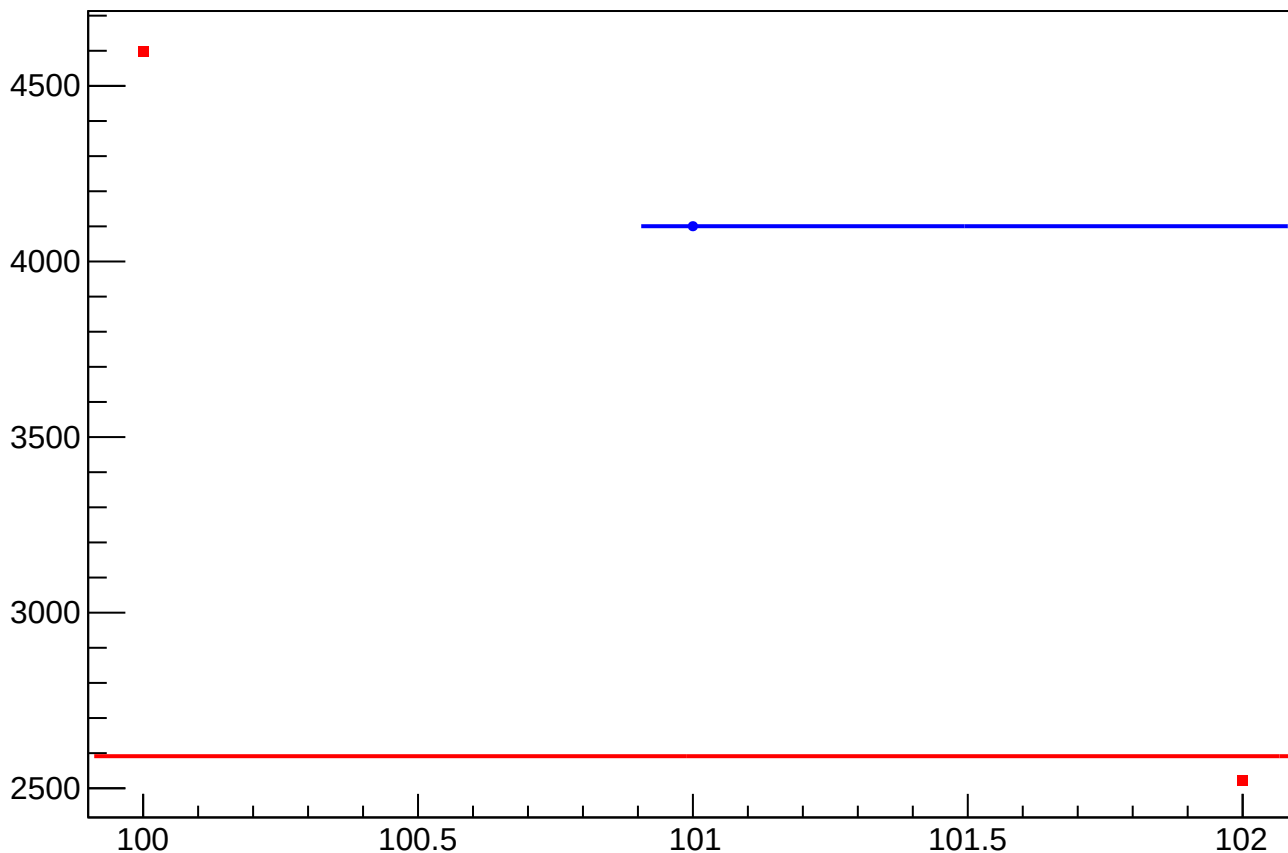
Right: 1188.926 $\pm$ 2649.958 χ^2 /NDF: 0.2/2

In: 725.815 $\pm$ 5155.909 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1188.926 $\pm$ 2649.958 χ^2 /NDF: 0.2/2

asym_usr_atr2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4100.454+/-3.646 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2591.314+/-2.184 χ^2/NDF : 28510.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

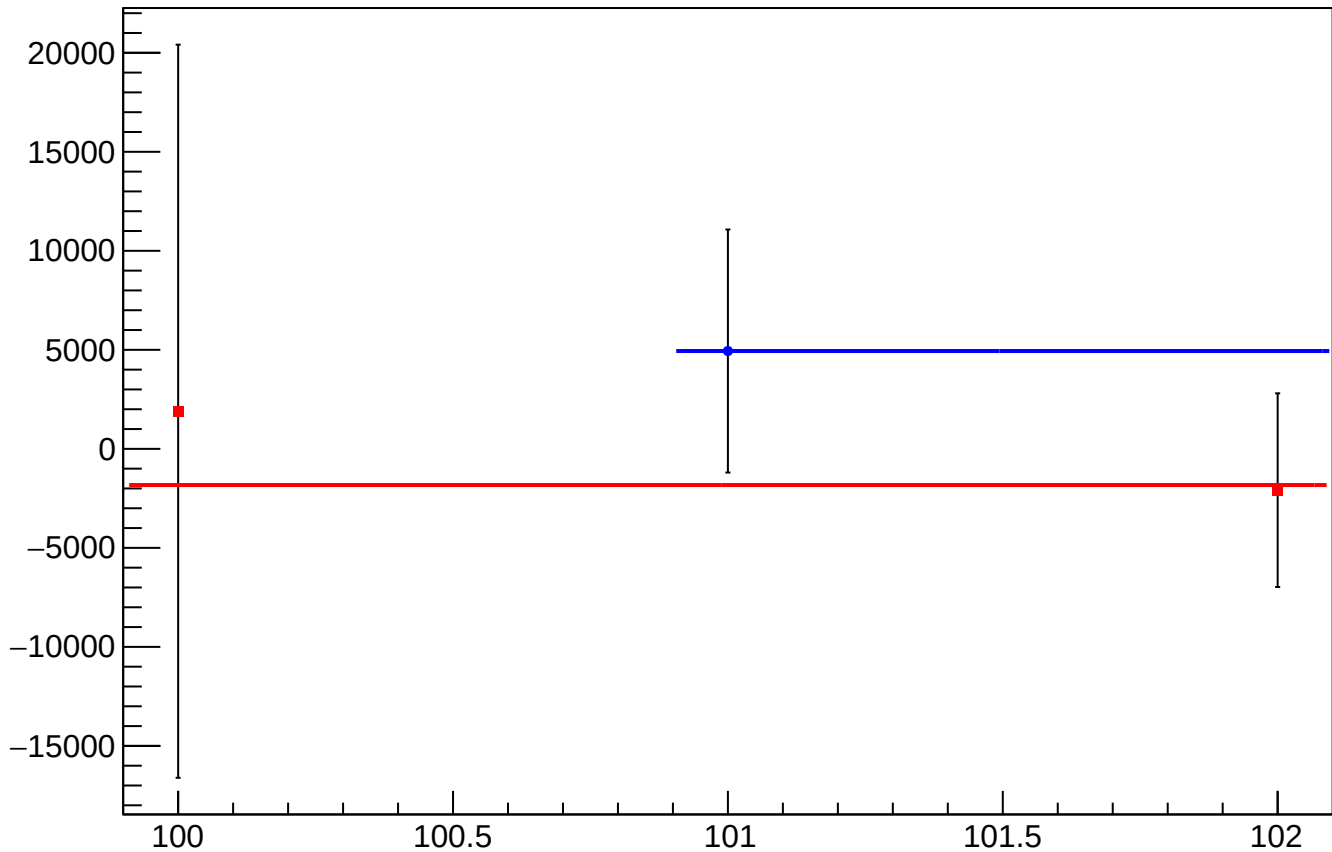
Right: 2989.969+/-1.874 χ^2/NDF : 154594.6/2

In: 4100.454+/-3.646 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2989.969+/-1.874 χ^2/NDF : 154594.6/2

asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: 4940.313+/-6136.747 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1826.779+/-4728.567 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

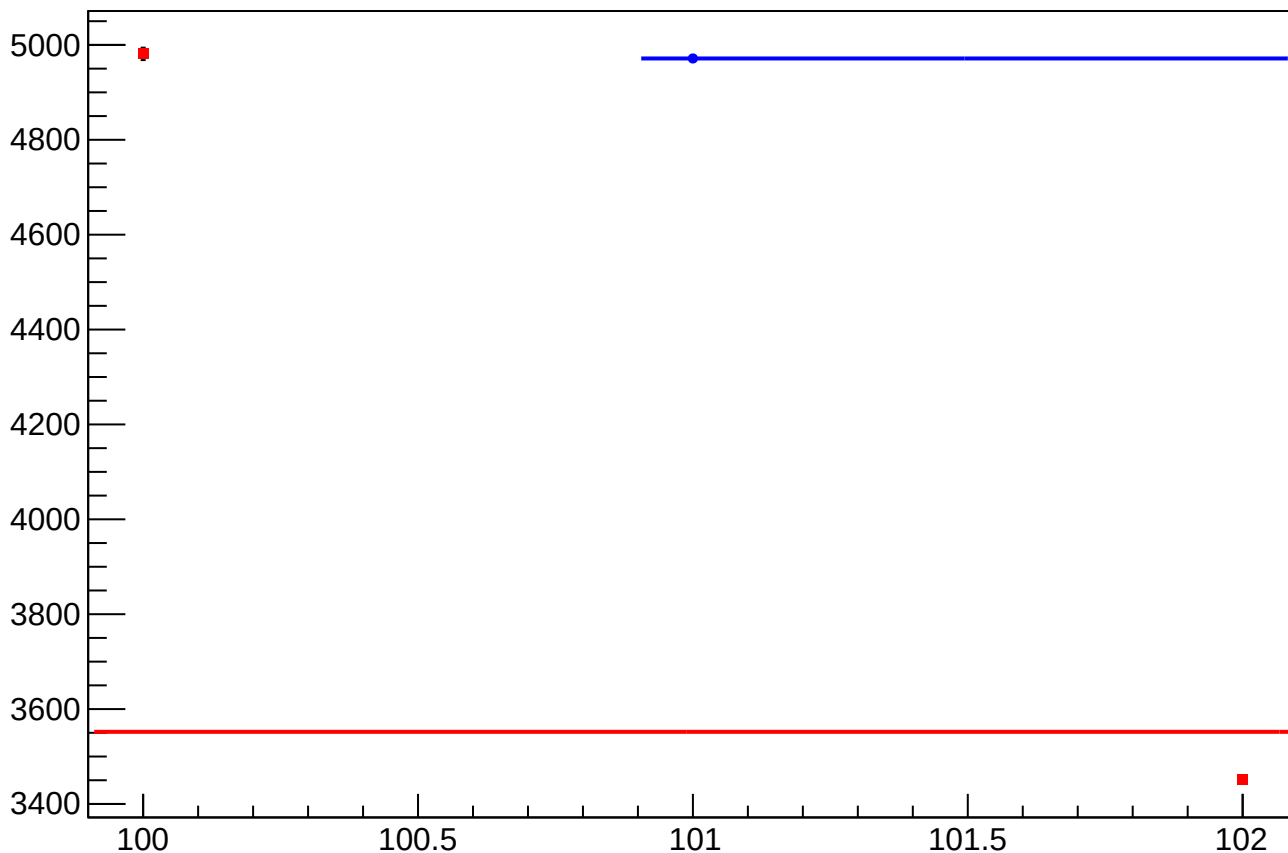
Right: 694.218+/-3745.617 χ^2/NDF : 0.8/2

In: 4940.313+/-6136.747 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 694.218+/-3745.617 χ^2/NDF : 0.8/2

asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 4971.437+/-4.339 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3552.053+/-3.344 χ^2/NDF : 12752.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

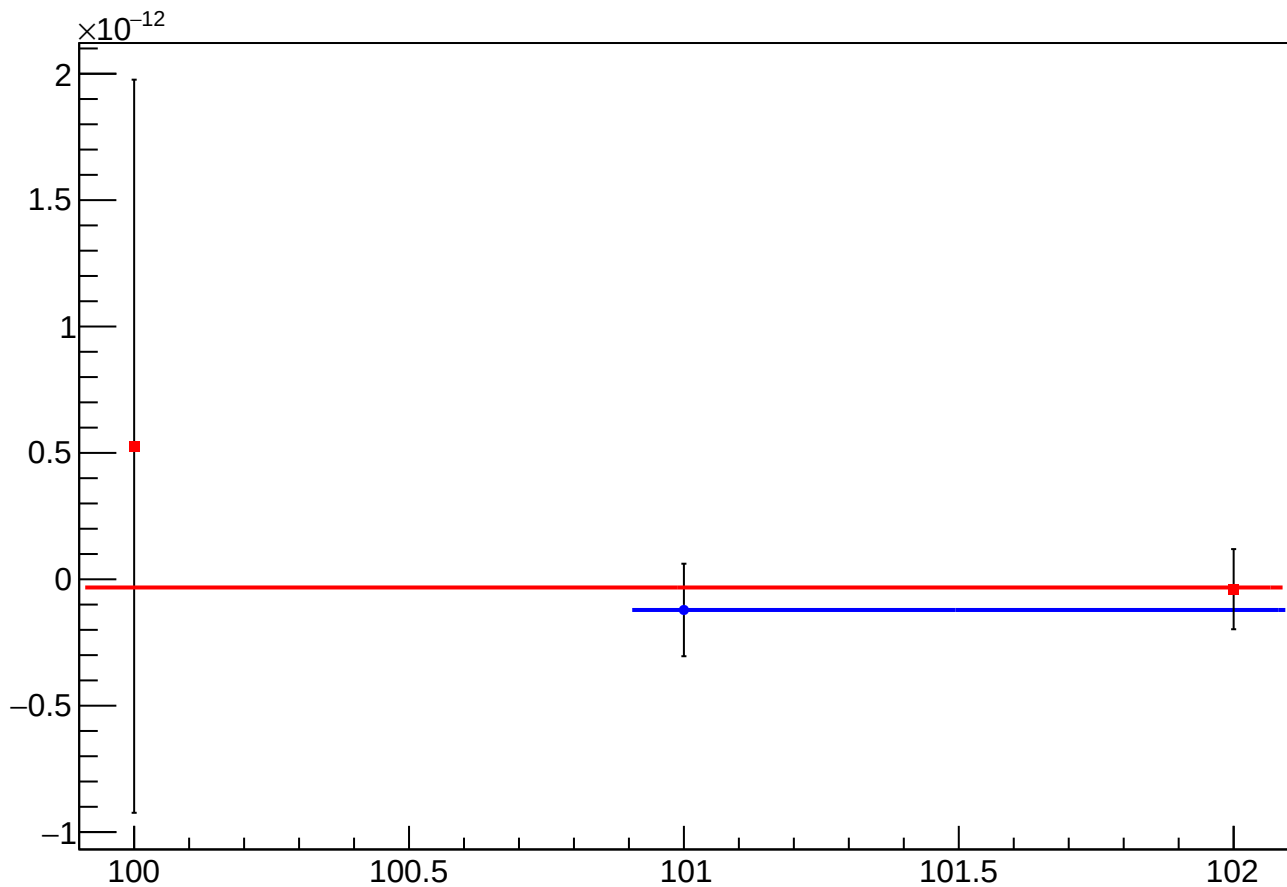
Right: 4080.823+/-2.649 χ^2/NDF : 79886.7/2

In: 4971.437+/-4.339 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4080.823+/-2.649 χ^2/NDF : 79886.7/2

asym_usr_atr2_dd_reg_vs_cor_diff_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 : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

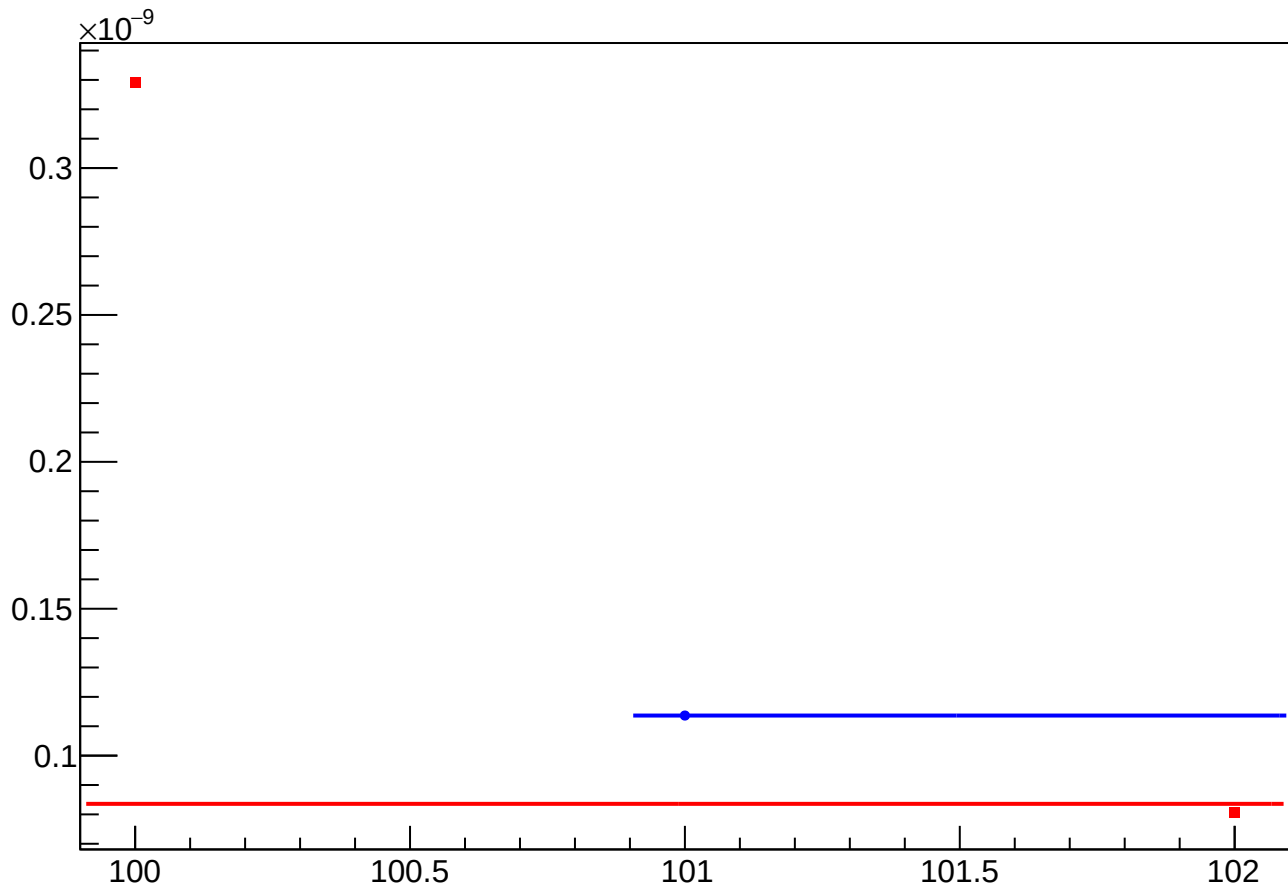
Right: -0.000+/-0.000 χ^2/NDF : 0.3/2

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 : 0.3/2

asym_usr_atr2_dd_reg_vs_cor_diff_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 : 57994.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

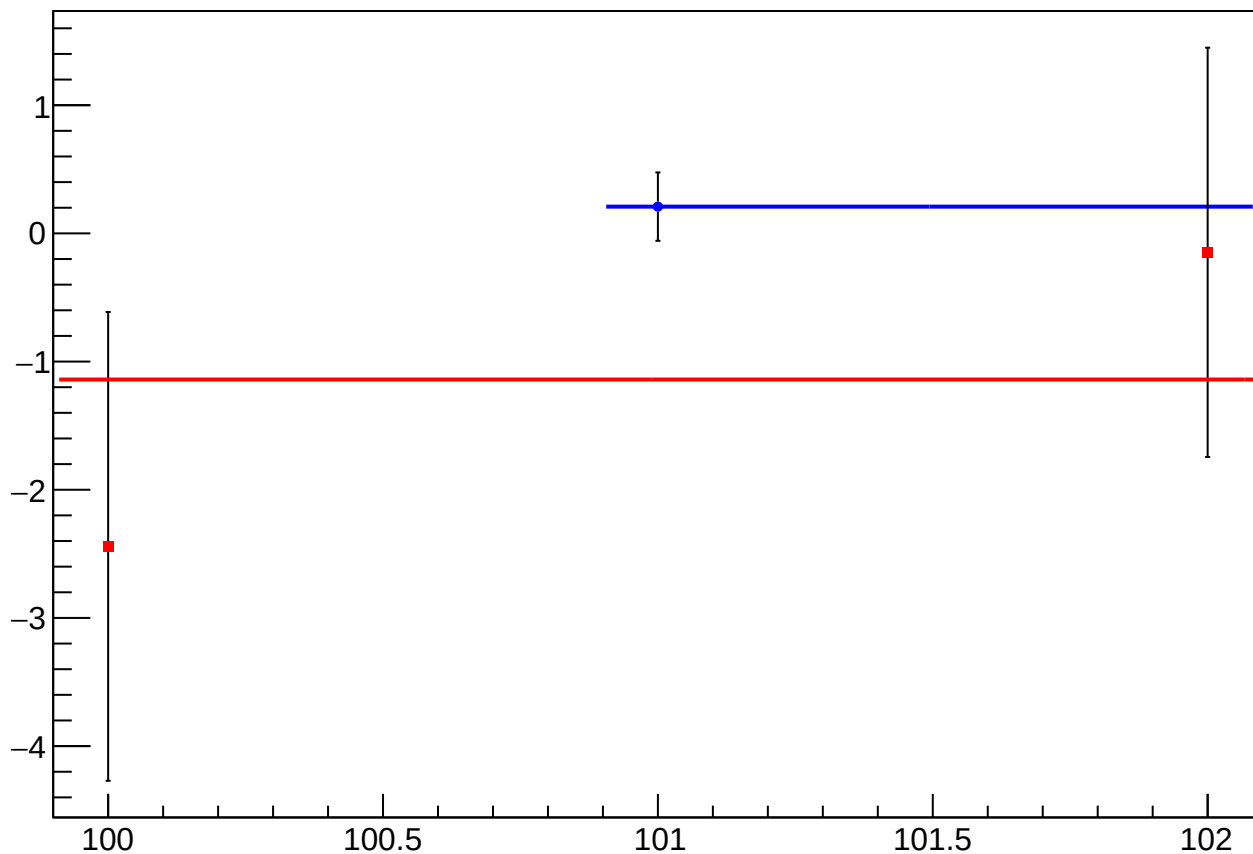
Right: 0.000+/-0.000 χ^2/NDF : 88980.1/2

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 : 88980.1/2

asym_usr_atr2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.209 $\pm$ 0.267 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -1.140 $\pm$ 1.203 χ^2/NDF : 0.9/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

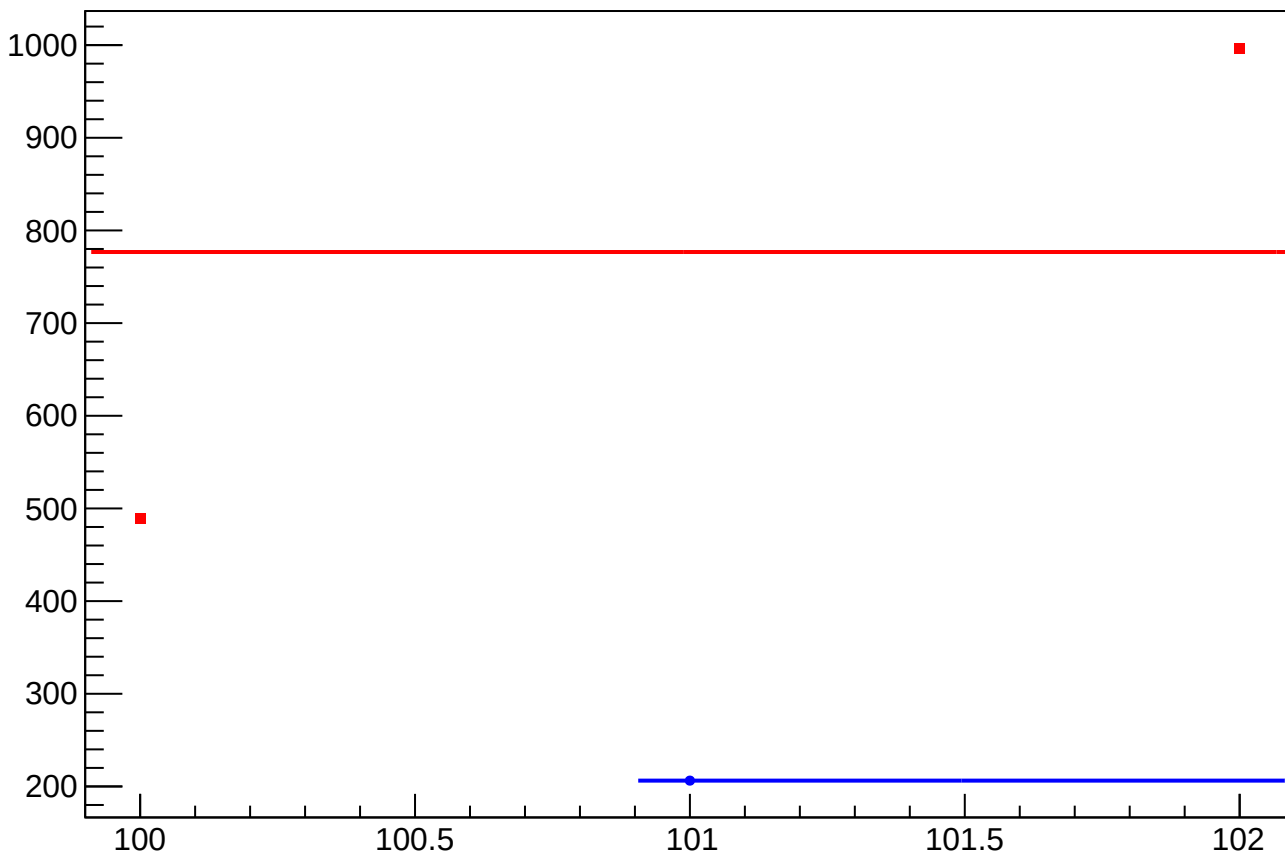
Right: 0.145 $\pm$ 0.260 χ^2/NDF : 2.1/2

In: 0.209 $\pm$ 0.267 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.145 $\pm$ 0.260 χ^2/NDF : 2.1/2

asym_usr_atr2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 206.284 $\pm$ 0.189 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 776.729 $\pm$ 0.850 χ^2 /NDF: 87285.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

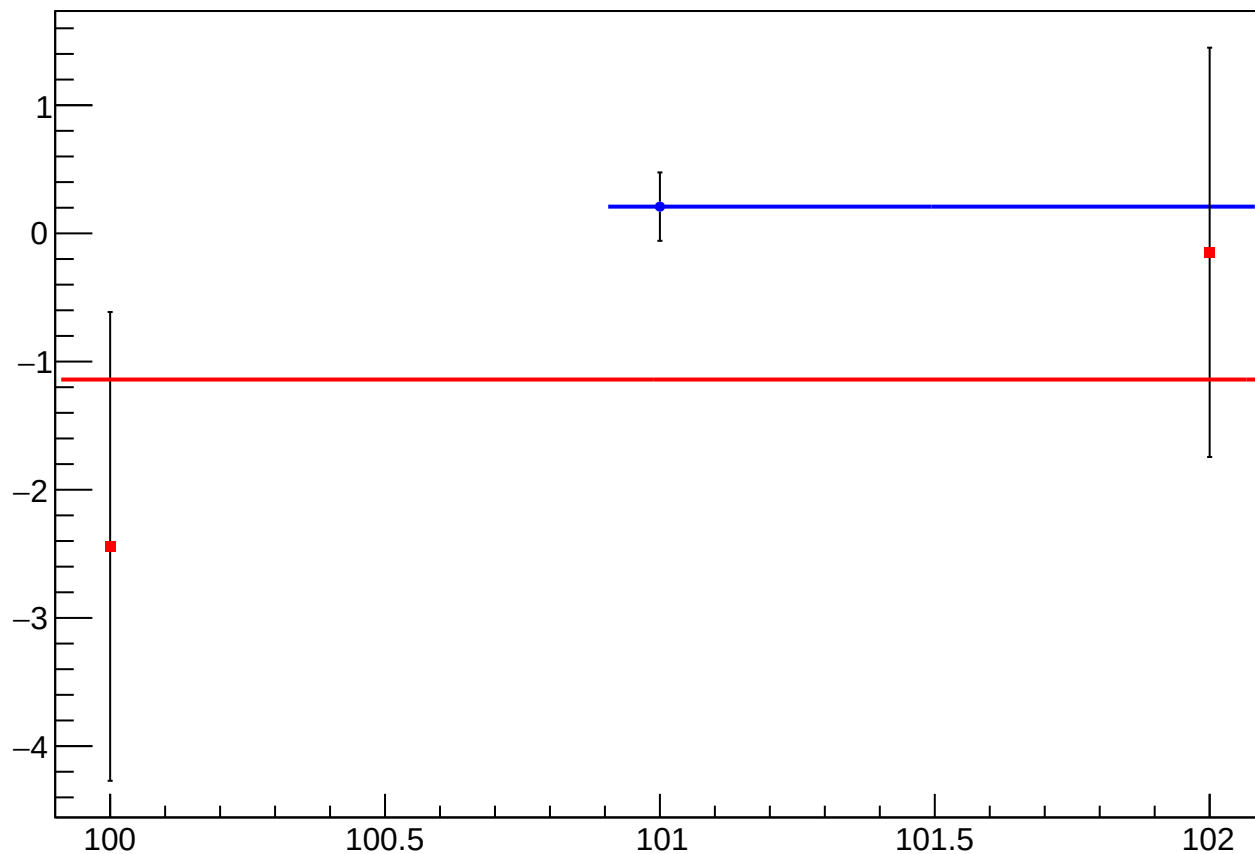
Right: 233.033 $\pm$ 0.184 χ^2 /NDF: 516095.0/2

In: 206.284 $\pm$ 0.189 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 233.033 $\pm$ 0.184 χ^2 /NDF: 516095.0/2

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.209 $\pm$ 0.267 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.140 $\pm$ 1.203 χ^2 /NDF: 0.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

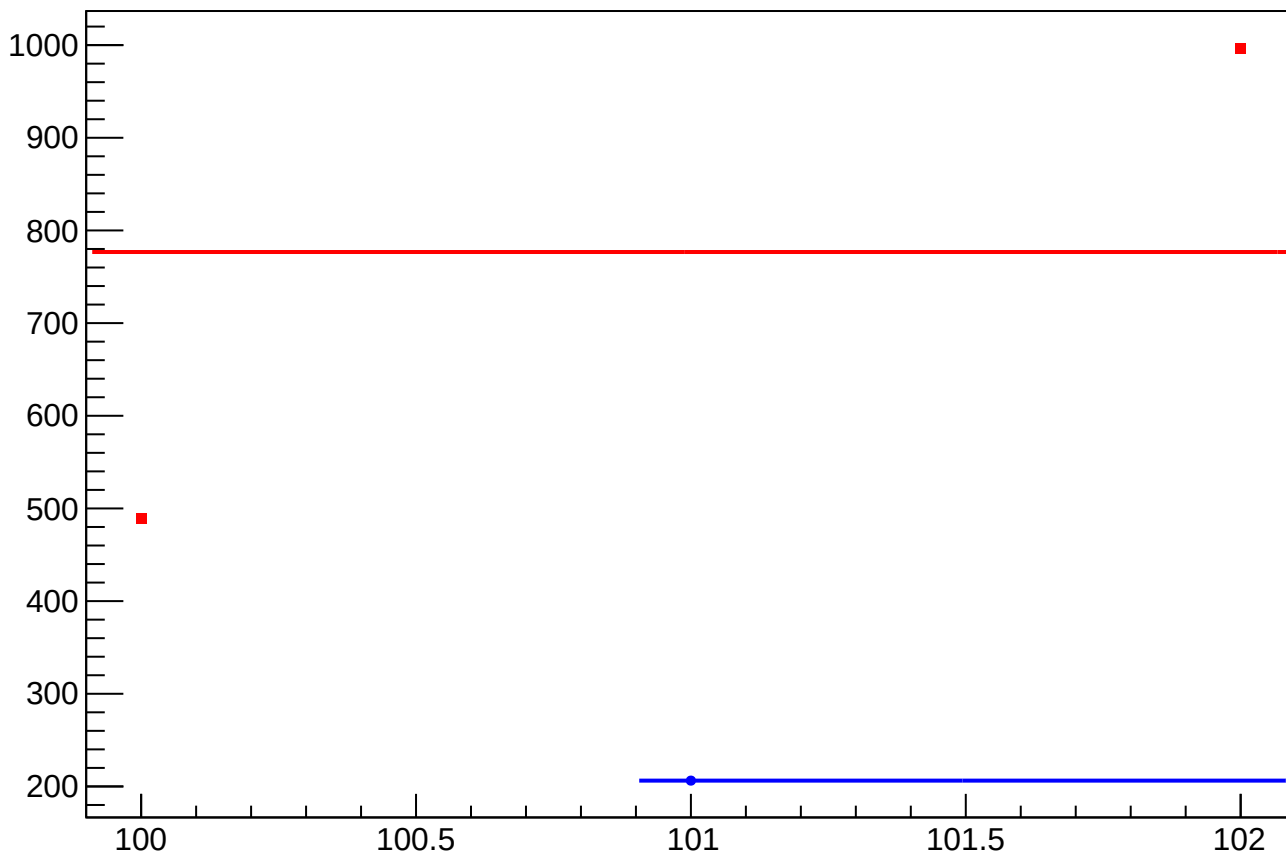
Right: 0.145 $\pm$ 0.260 χ^2 /NDF: 2.1/2

In: 0.209 $\pm$ 0.267 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.145 $\pm$ 0.260 χ^2 /NDF: 2.1/2

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 206.284 $\pm$ 0.189 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 776.729 $\pm$ 0.850 χ^2 /NDF: 87285.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

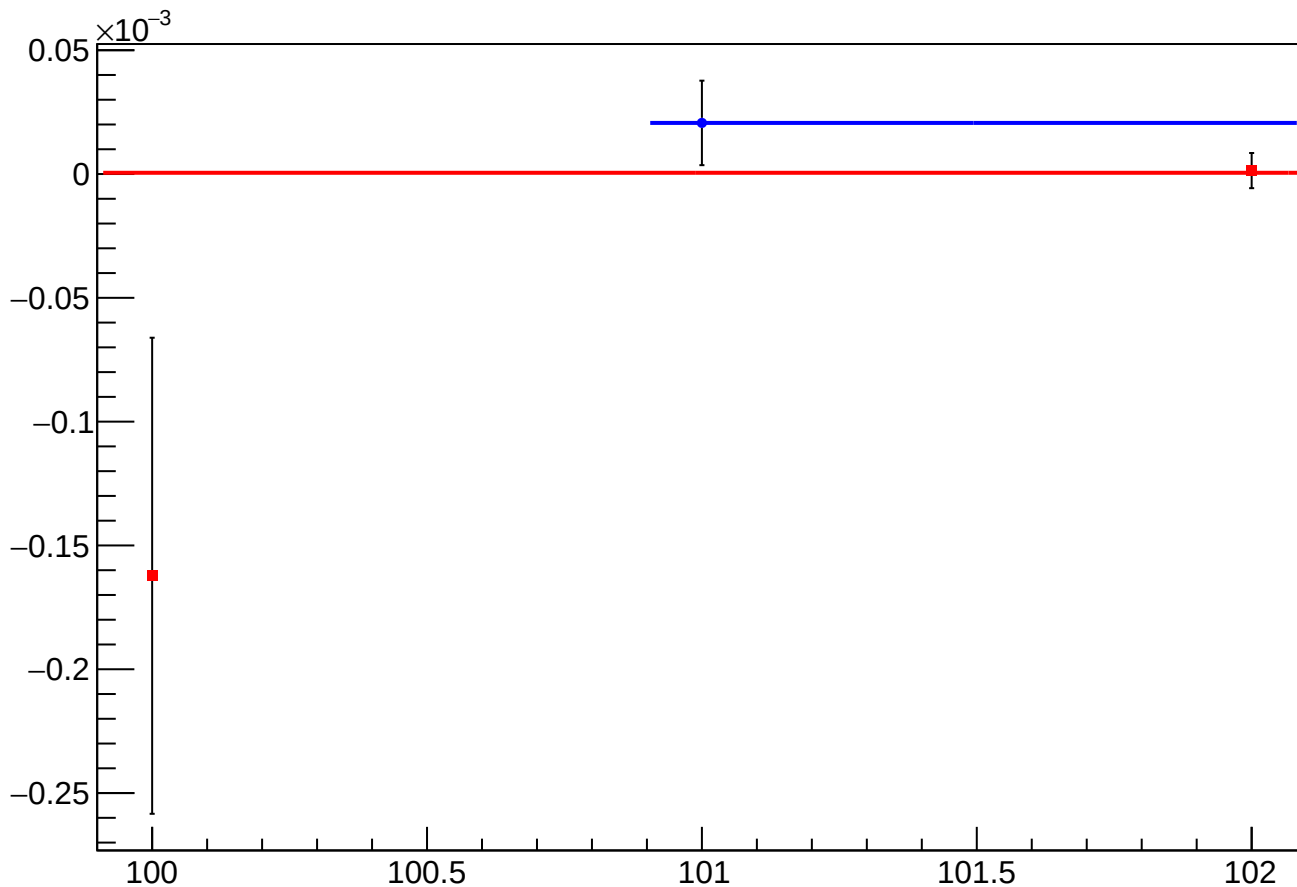
Right: 233.033 $\pm$ 0.184 χ^2 /NDF: 516095.0/2

In: 206.284 $\pm$ 0.189 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 233.033 $\pm$ 0.184 χ^2 /NDF: 516095.0/2

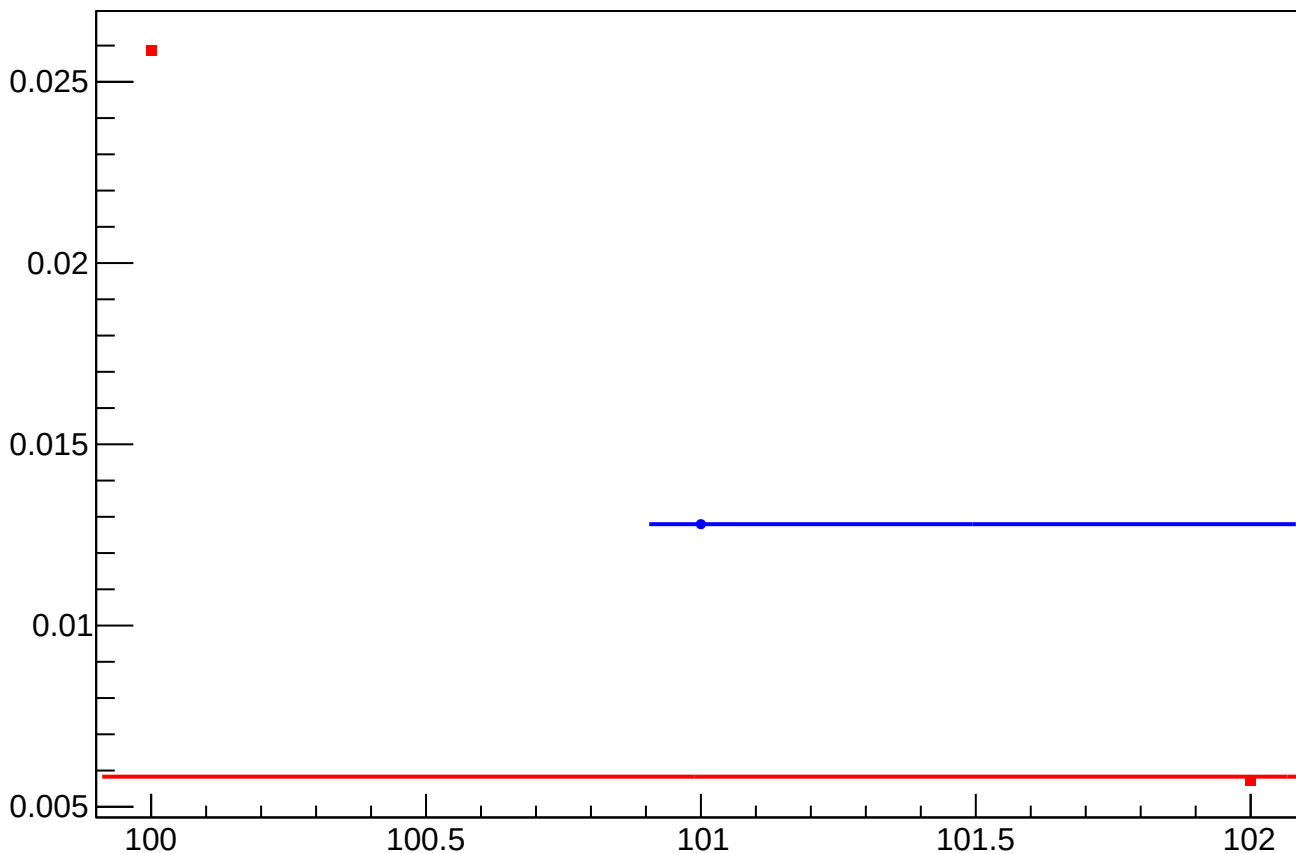
asym_usr_atr2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 2.9/1
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 4.1/2
 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 : 4.1/2

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.006 $\pm$ 0.000 χ^2 /NDF: 87418.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

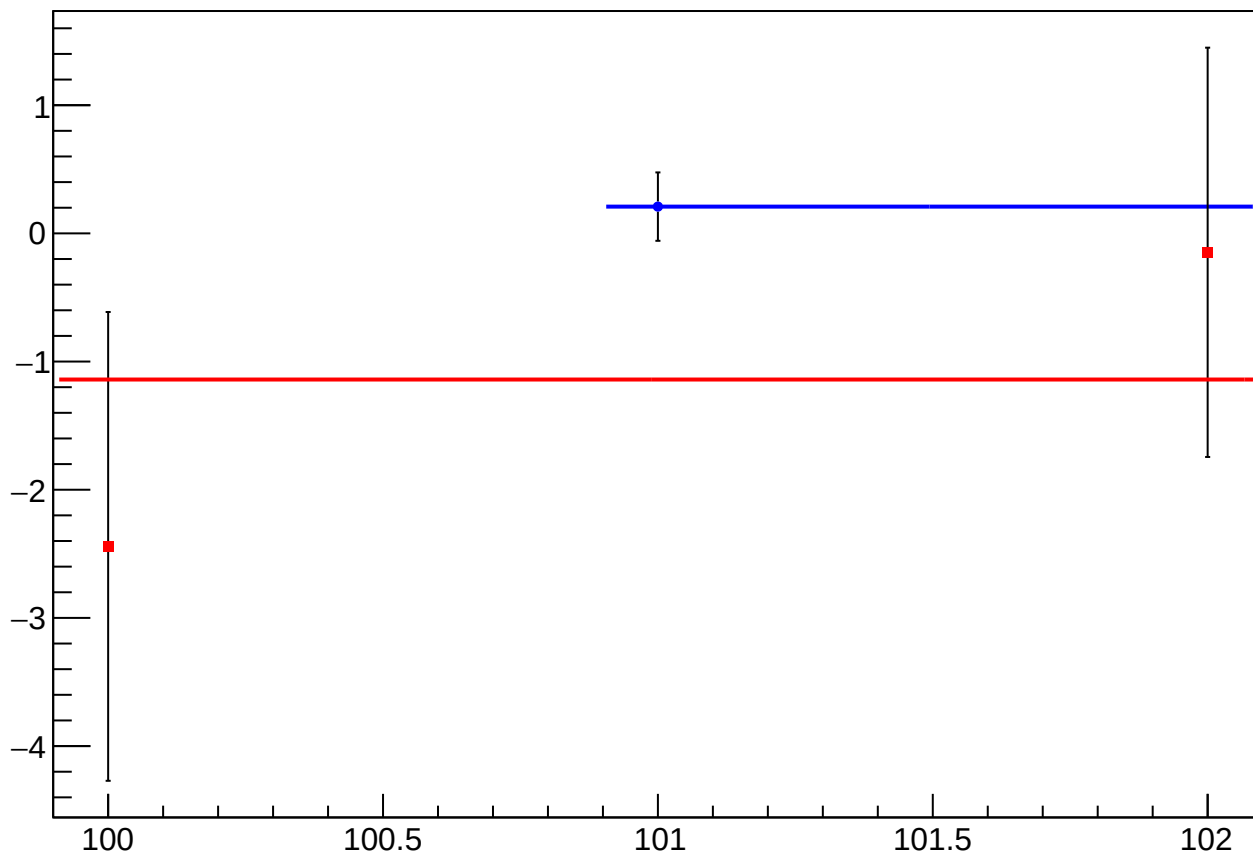
Right: 0.007 $\pm$ 0.000 χ^2 /NDF: 371757.9/2

In: 0.013 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.000 χ^2 /NDF: 371757.9/2

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.209 $\pm$ 0.267 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.140 $\pm$ 1.203 χ^2 /NDF: 0.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

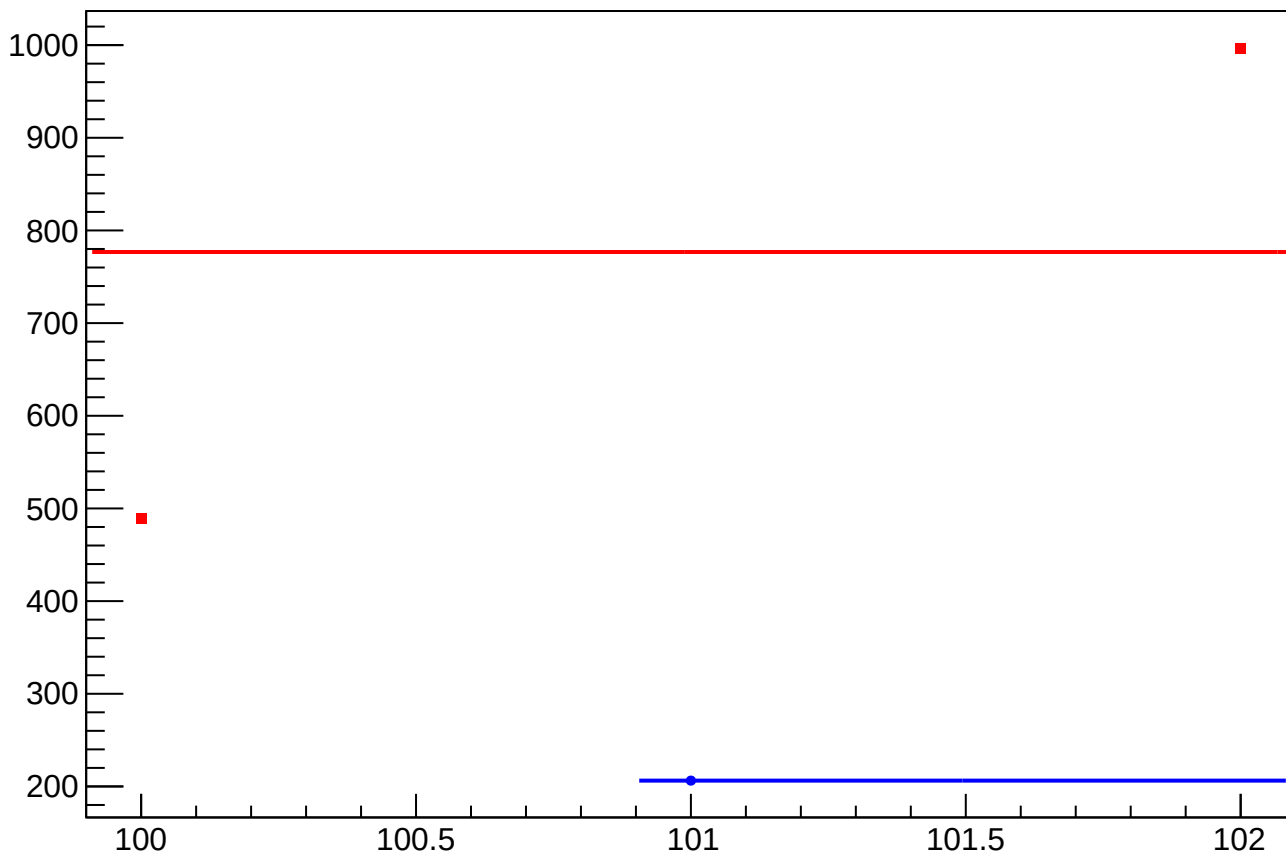
Right: 0.146 $\pm$ 0.260 χ^2 /NDF: 2.1/2

In: 0.209 $\pm$ 0.267 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.146 $\pm$ 0.260 χ^2 /NDF: 2.1/2

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 206.283 ± 0.189 χ^2/NDF : 0.0/0

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 776.736 ± 0.850 χ^2/NDF : 87283.3/1

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

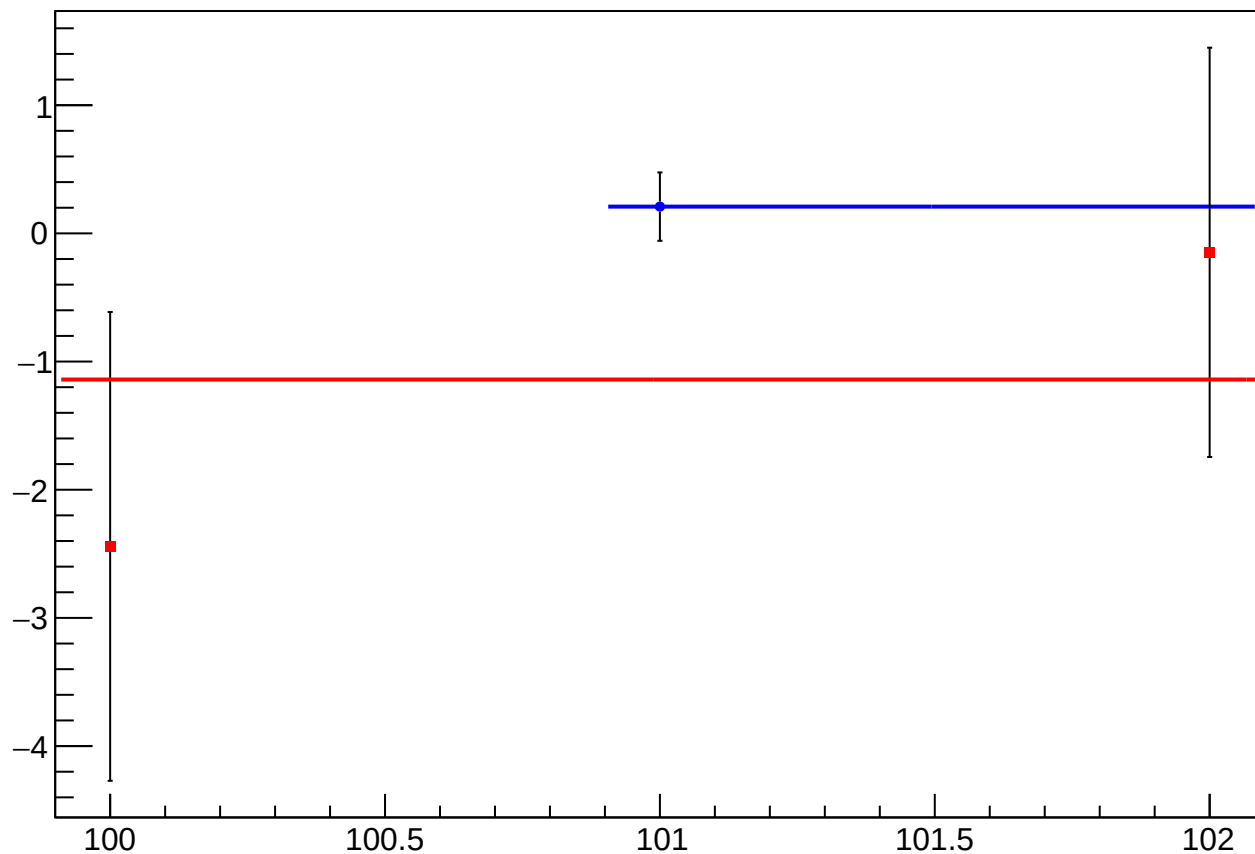
Right: 233.031 ± 0.184 χ^2/NDF : 516099.4/2

In: 206.283 ± 0.189 χ^2/NDF : 0.0/0

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 233.031 ± 0.184 χ^2/NDF : 516099.4/2

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.209 $\pm$ 0.267 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -1.140 $\pm$ 1.203 χ^2/NDF : 0.9/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

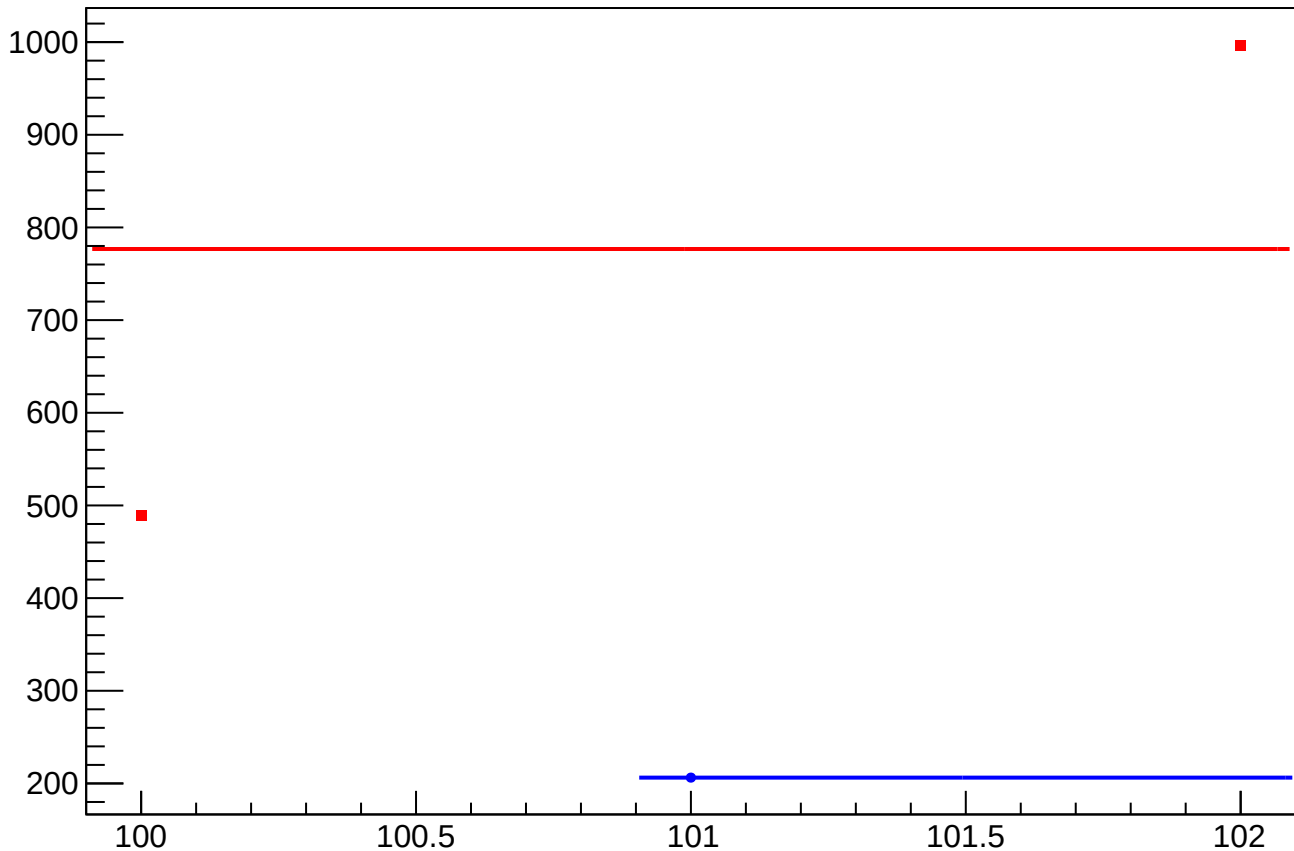
Right: 0.146 $\pm$ 0.260 χ^2/NDF : 2.1/2

In: 0.209 $\pm$ 0.267 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.146 $\pm$ 0.260 χ^2/NDF : 2.1/2

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 206.283+/-0.189 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 776.736+/-0.850 χ^2/NDF : 87283.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

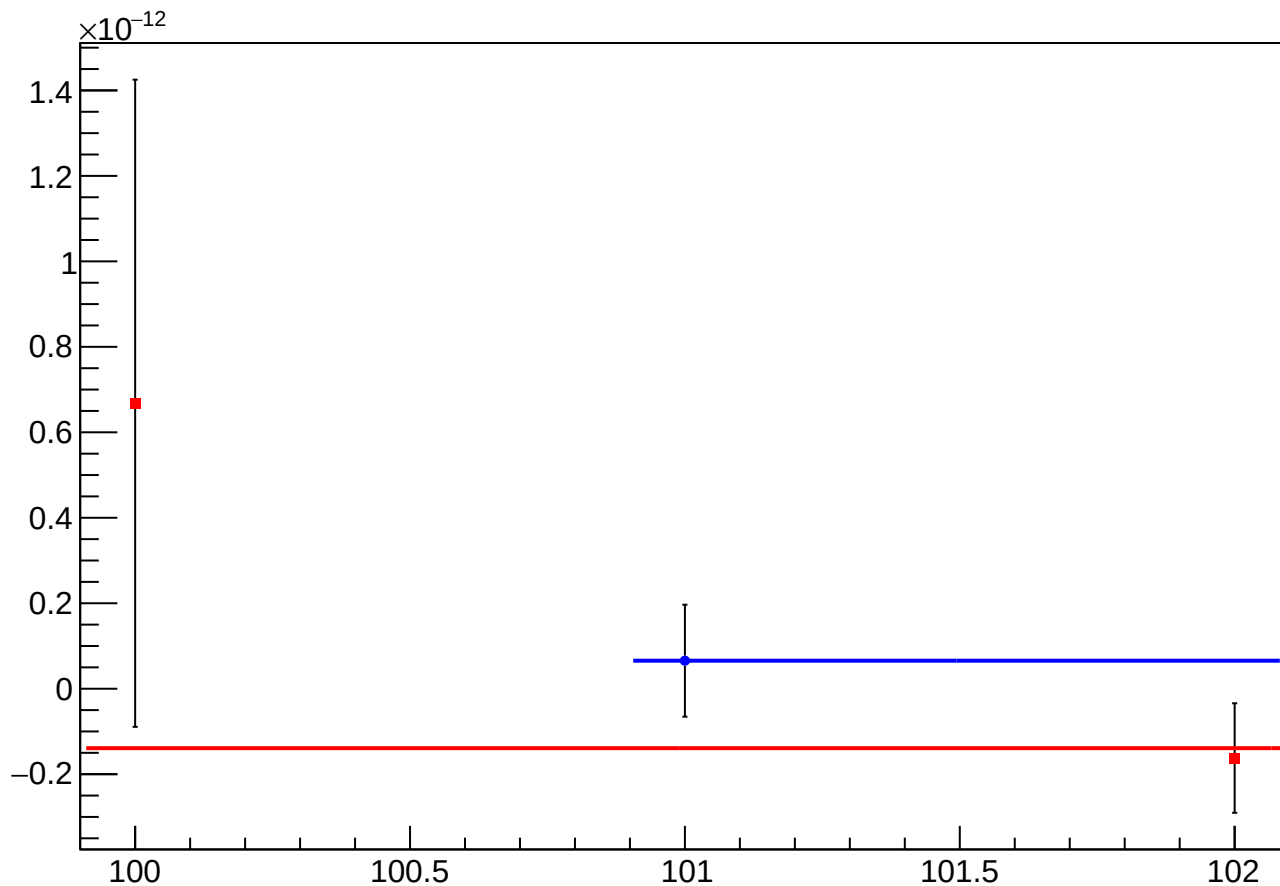
Right: 233.031+/-0.184 χ^2/NDF : 516099.4/2

In: 206.283+/-0.189 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 233.031+/-0.184 χ^2/NDF : 516099.4/2

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_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 : 1.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

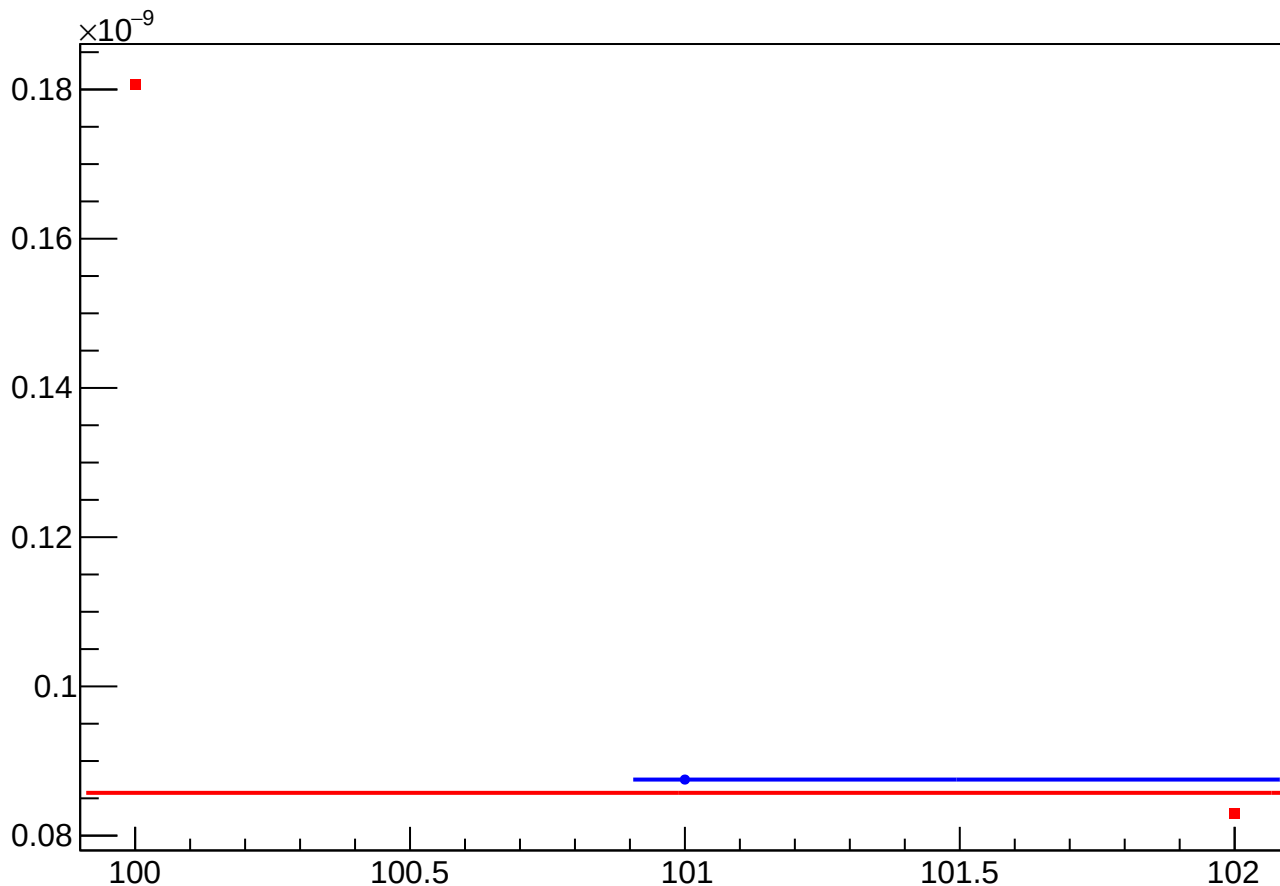
Right: -0.000+/-0.000 χ^2/NDF : 2.4/2

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 : 2.4/2

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_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 : 32325.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

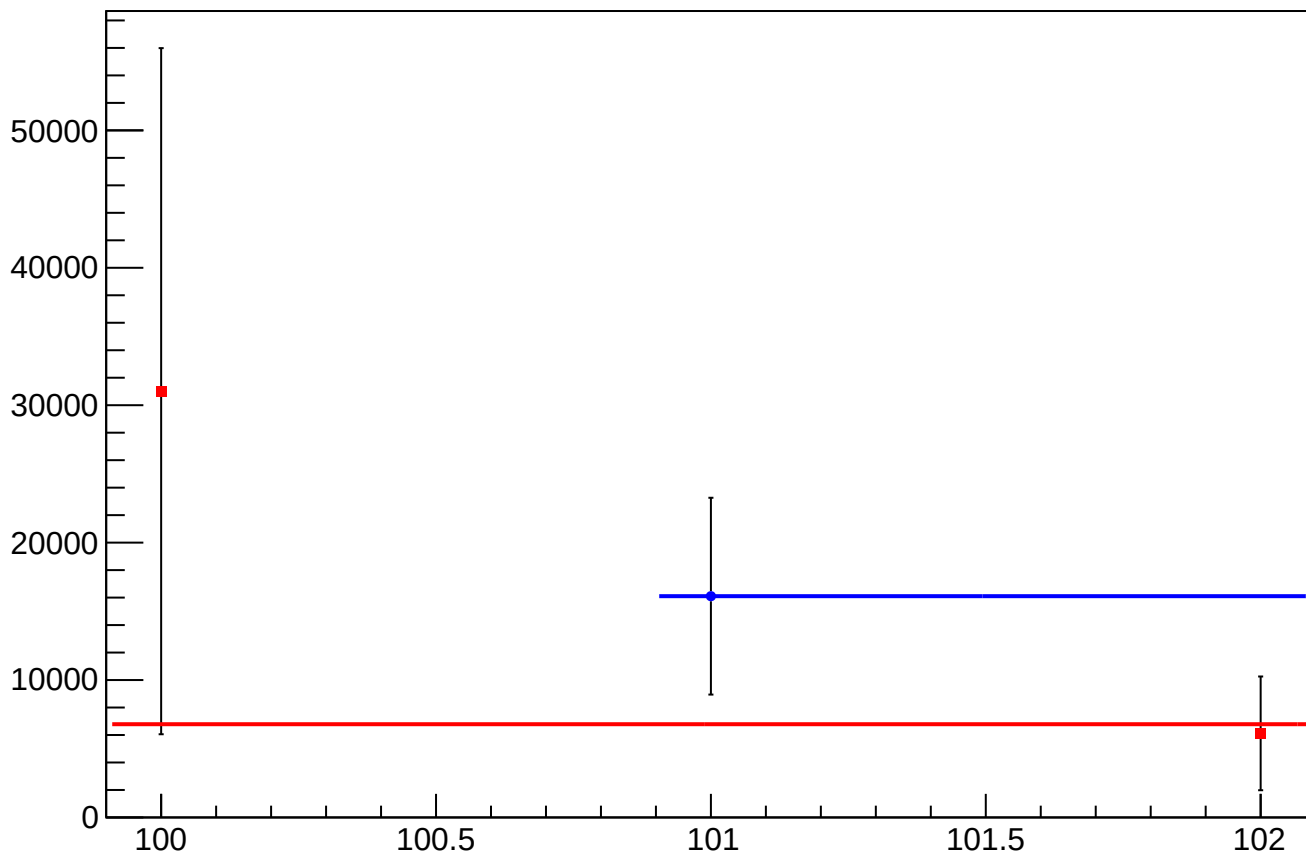
Right: 0.000+/-0.000 χ^2/NDF : 32516.4/2

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 : 32516.4/2

reg_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 16103.078 $\pm$ 7160.940 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 6785.499 $\pm$ 4082.641 χ^2/NDF : 1.0/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

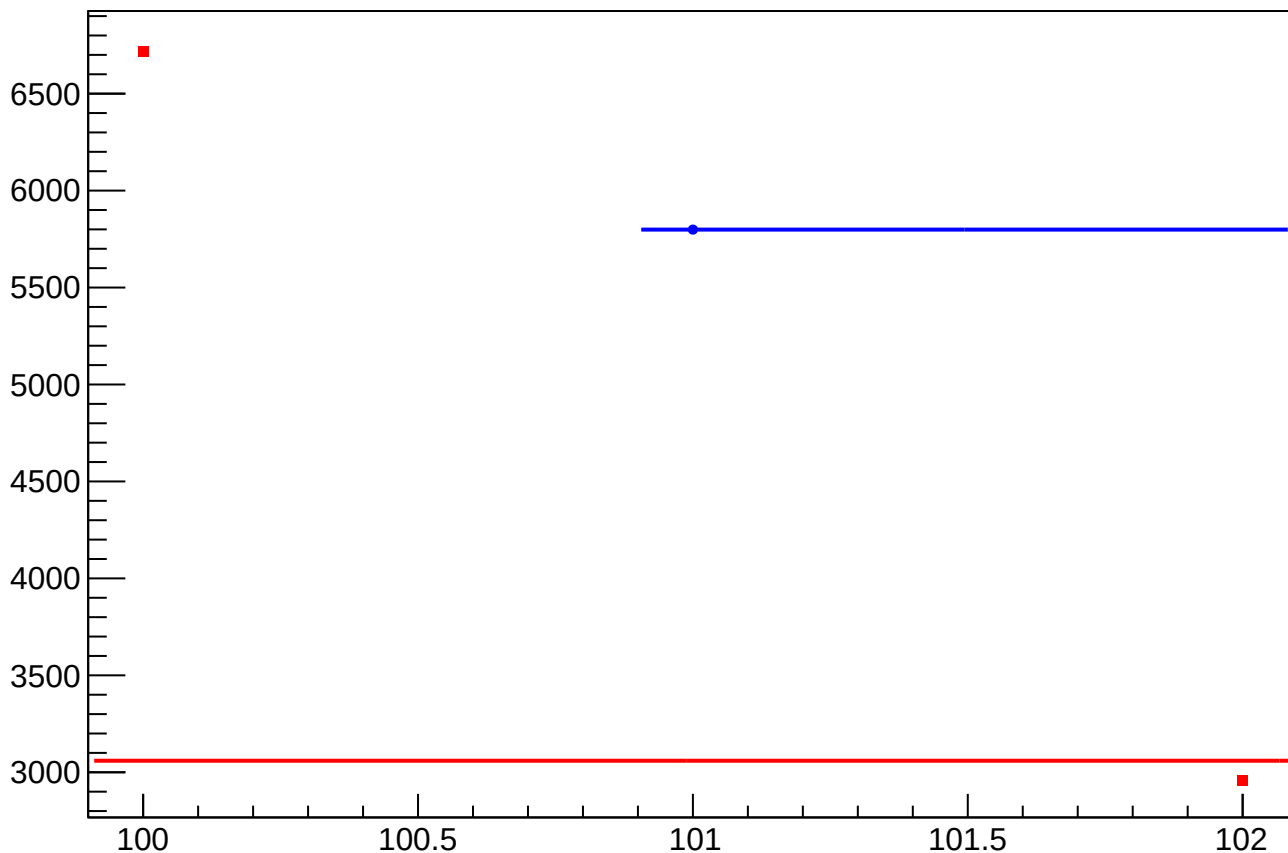
Right: 9071.177 $\pm$ 3546.713 χ^2/NDF : 2.2/2

In: 16103.078 $\pm$ 7160.940 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 9071.177 $\pm$ 3546.713 χ^2/NDF : 2.2/2

reg_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 5798.889 $\pm$ 5.064 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3059.543 $\pm$ 2.887 χ^2 /NDF: 44165.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

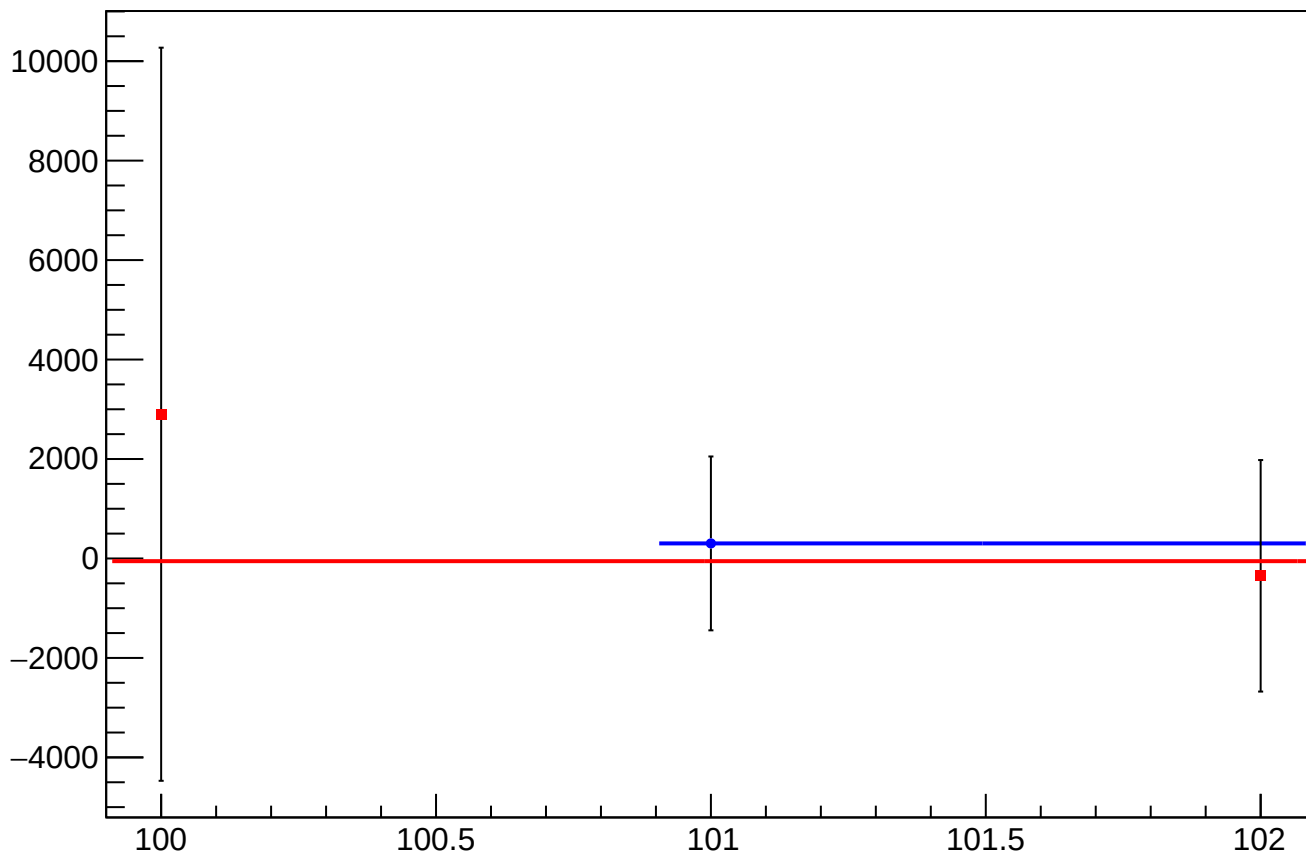
Right: 3731.444 $\pm$ 2.508 χ^2 /NDF: 265053.2/2

In: 5798.889 $\pm$ 5.064 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3731.444 $\pm$ 2.508 χ^2 /NDF: 265053.2/2

asym_us_avg_at1lr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 302.827+/-1747.986 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -54.009+/-2219.678 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

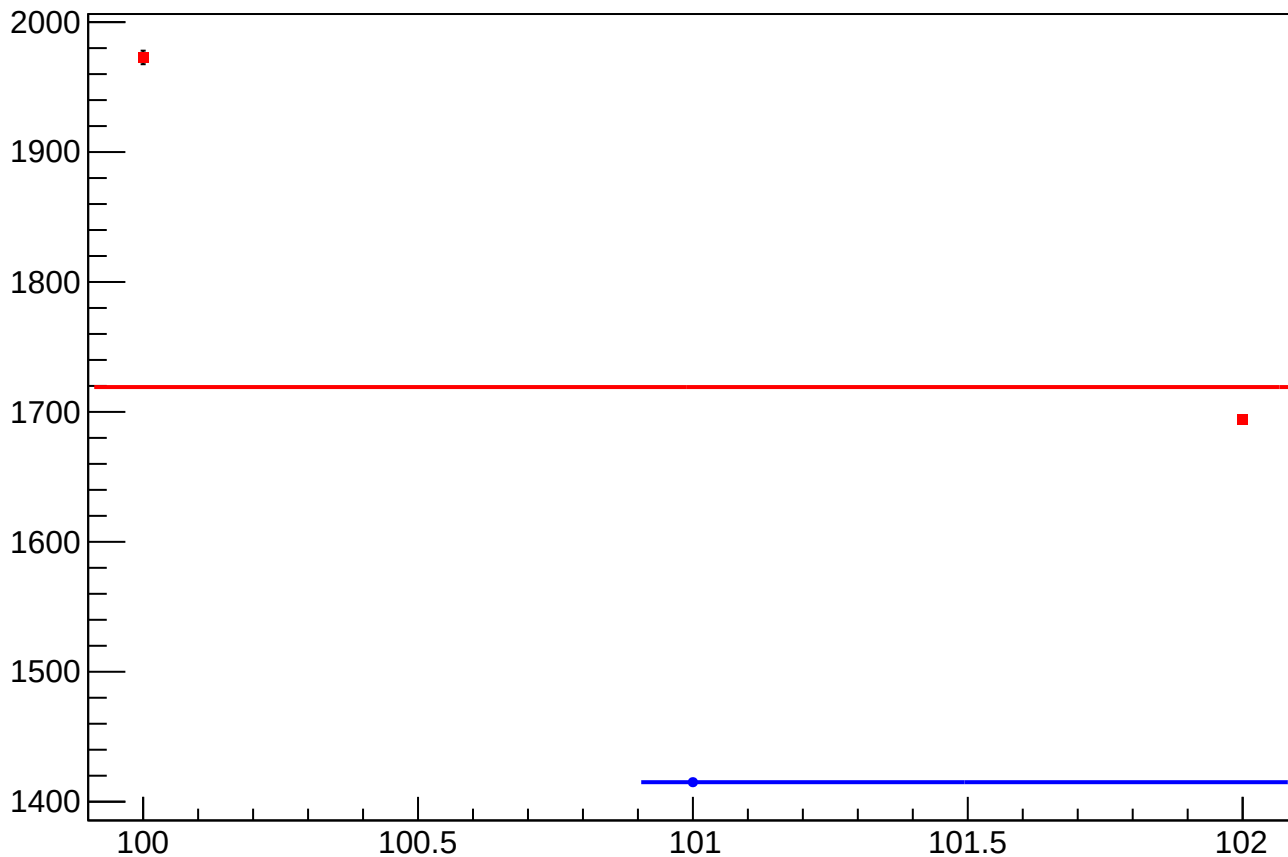
Right: 166.240+/-1373.284 χ^2/NDF : 0.2/2

In: 302.827+/-1747.986 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.240+/-1373.284 χ^2/NDF : 0.2/2

asym_us_avg_at1lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1415.009 $\pm$ 1.236 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1719.126 $\pm$ 1.570 χ^2 /NDF: 2605.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

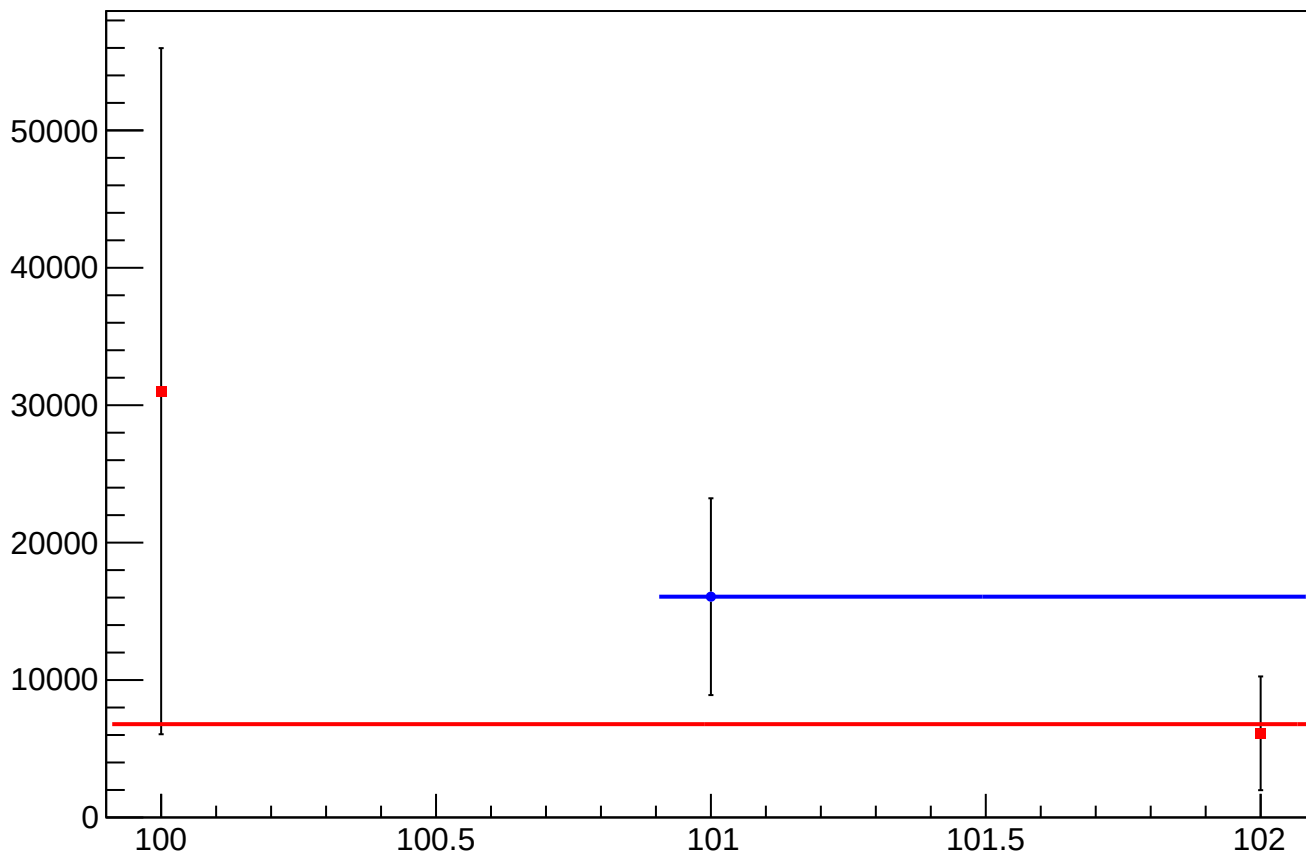
Right: 1531.417 $\pm$ 0.971 χ^2 /NDF: 25778.2/2

In: 1415.009 $\pm$ 1.236 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1531.417 $\pm$ 0.971 χ^2 /NDF: 25778.2/2

cor_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 16066.394+/-7160.970 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6789.331+/-4082.644 χ^2/NDF : 1.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

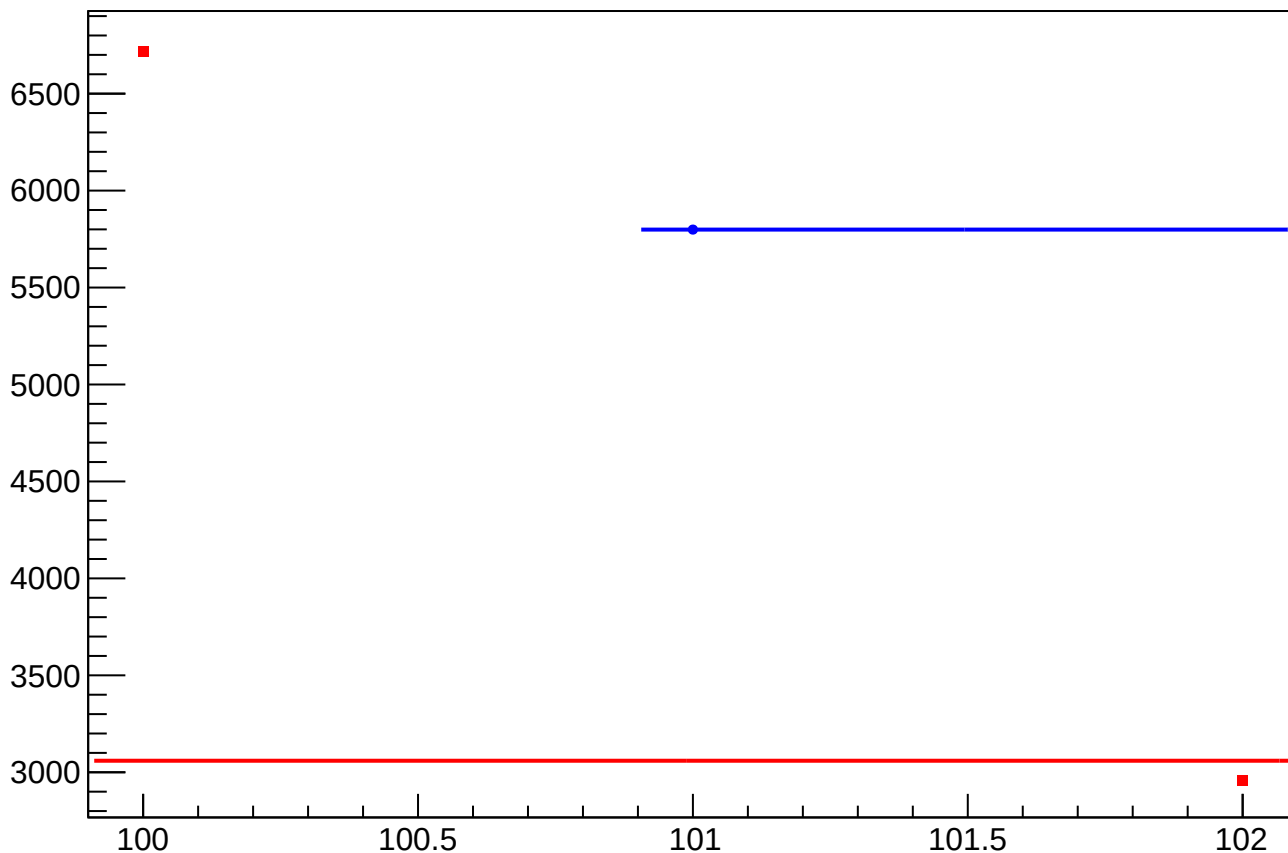
Right: 9065.059+/-3546.719 χ^2/NDF : 2.2/2

In: 16066.394+/-7160.970 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9065.059+/-3546.719 χ^2/NDF : 2.2/2

cor_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 5798.906 $\pm$ 5.064 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3059.537 $\pm$ 2.887 χ^2 /NDF: 44166.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

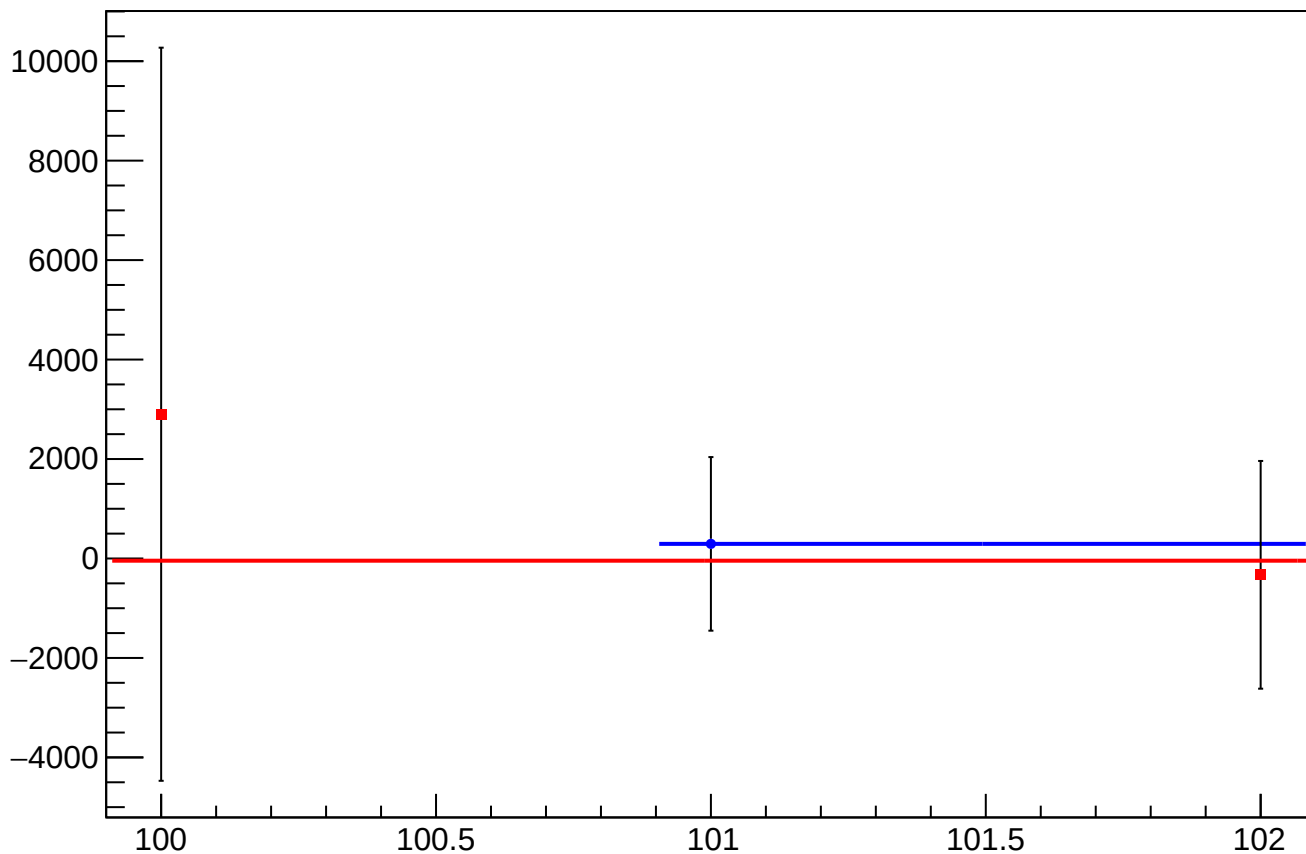
Right: 3731.440 $\pm$ 2.508 χ^2 /NDF: 265055.6/2

In: 5798.906 $\pm$ 5.064 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3731.440 $\pm$ 2.508 χ^2 /NDF: 265055.6/2

asym_us_avg_at1lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 293.829+/-1745.413 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -44.375+/-2186.548 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

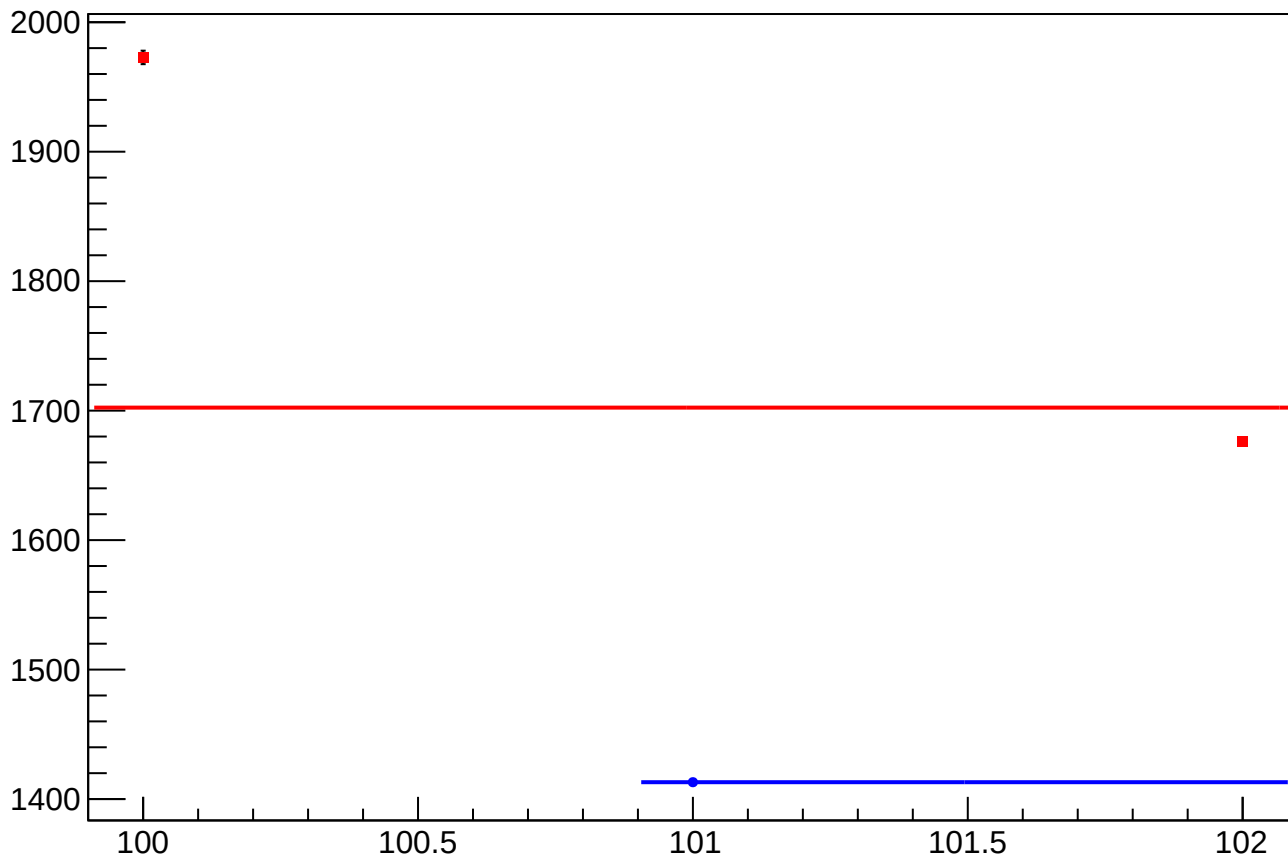
Right: 162.199+/-1364.102 χ^2/NDF : 0.2/2

In: 293.829+/-1745.413 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.199+/-1364.102 χ^2/NDF : 0.2/2

asym_us_avg_at1lr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1413.027+/-1.234 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1702.340+/-1.546 χ^2/NDF : 2952.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

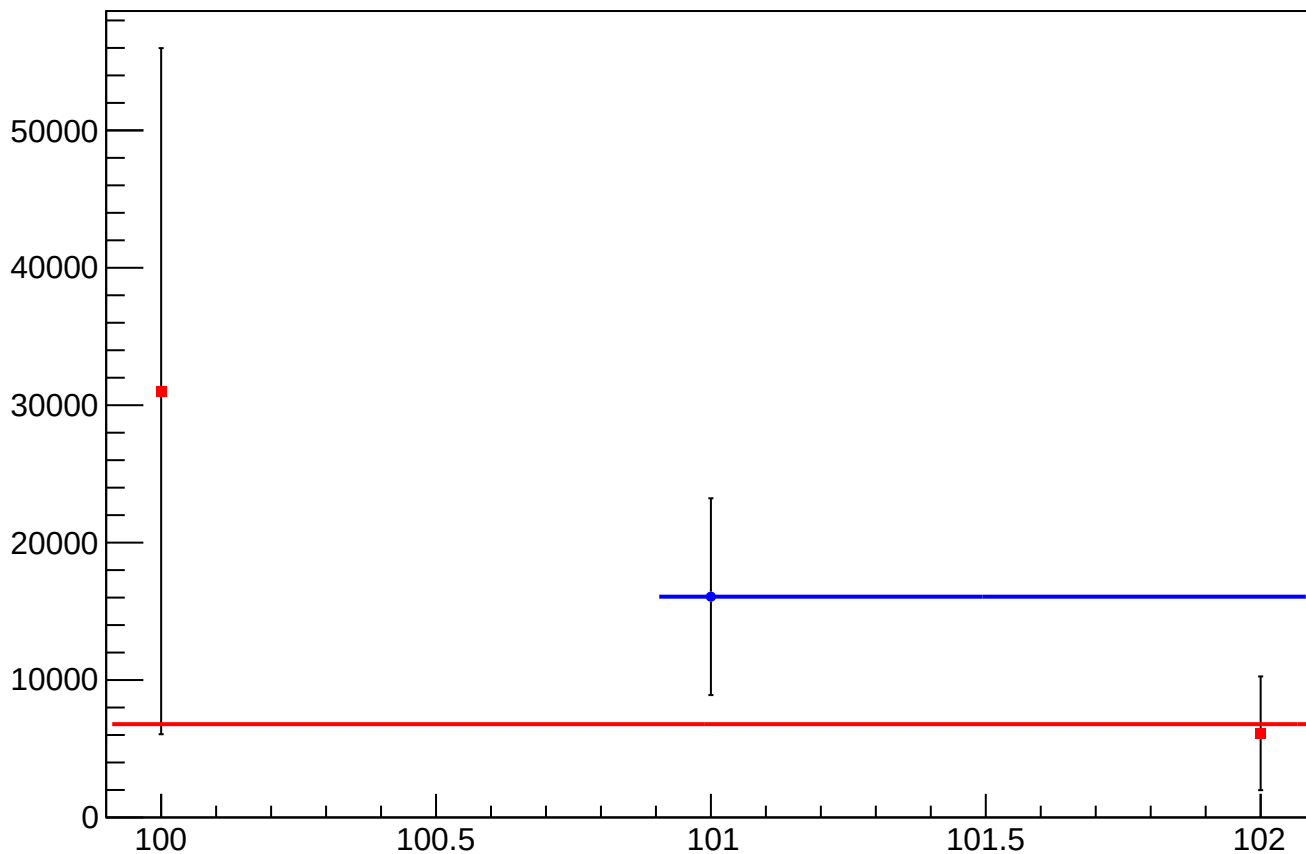
Right: 1525.629+/-0.965 χ^2/NDF : 24339.7/2

In: 1413.027+/-1.234 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1525.629+/-0.965 χ^2/NDF : 24339.7/2

eigen_cor_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 16066.394+/-7160.970 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6789.331+/-4082.644 χ^2/NDF : 1.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

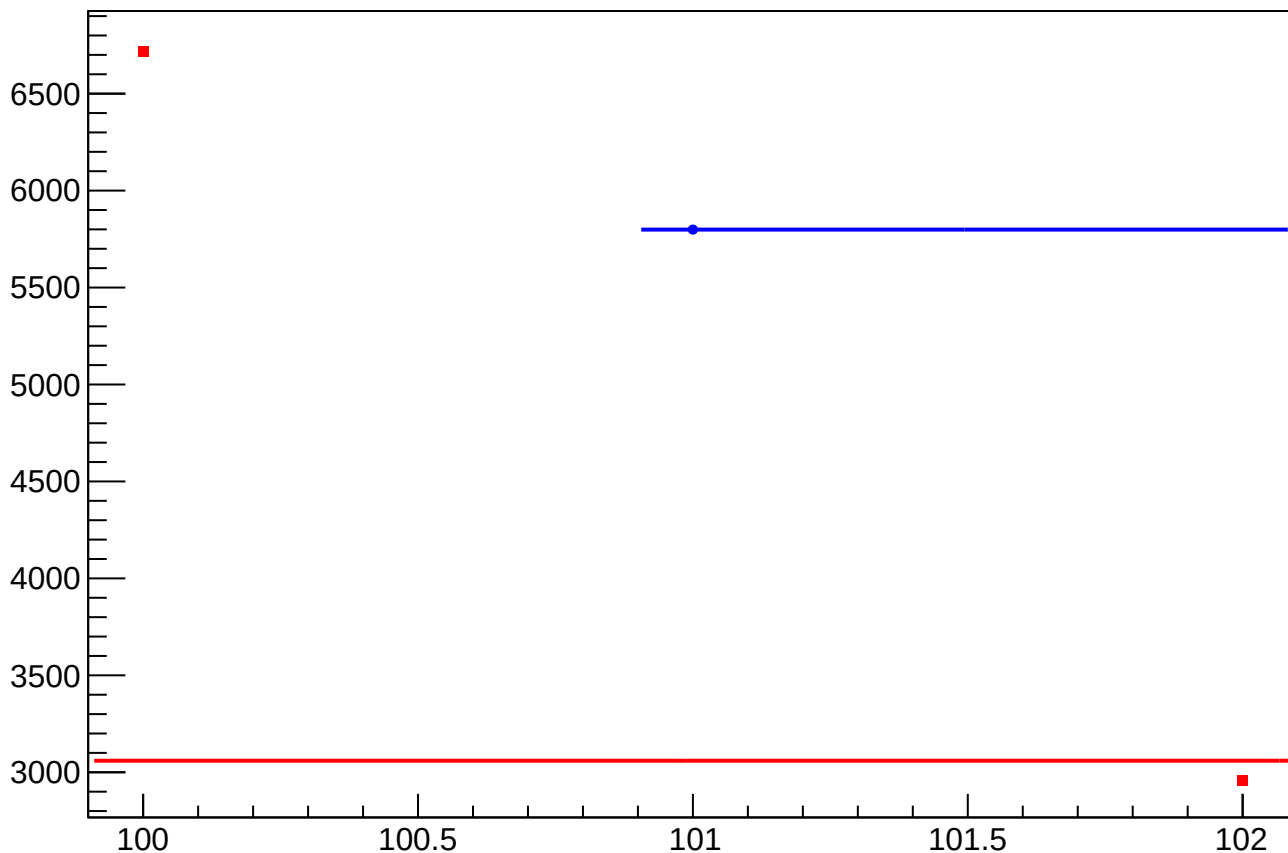
Right: 9065.059+/-3546.719 χ^2/NDF : 2.2/2

In: 16066.394+/-7160.970 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9065.059+/-3546.719 χ^2/NDF : 2.2/2

eigen_cor_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 5798.906 $\pm$ 5.064 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 3059.537 $\pm$ 2.887 χ^2/NDF : 44166.0/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

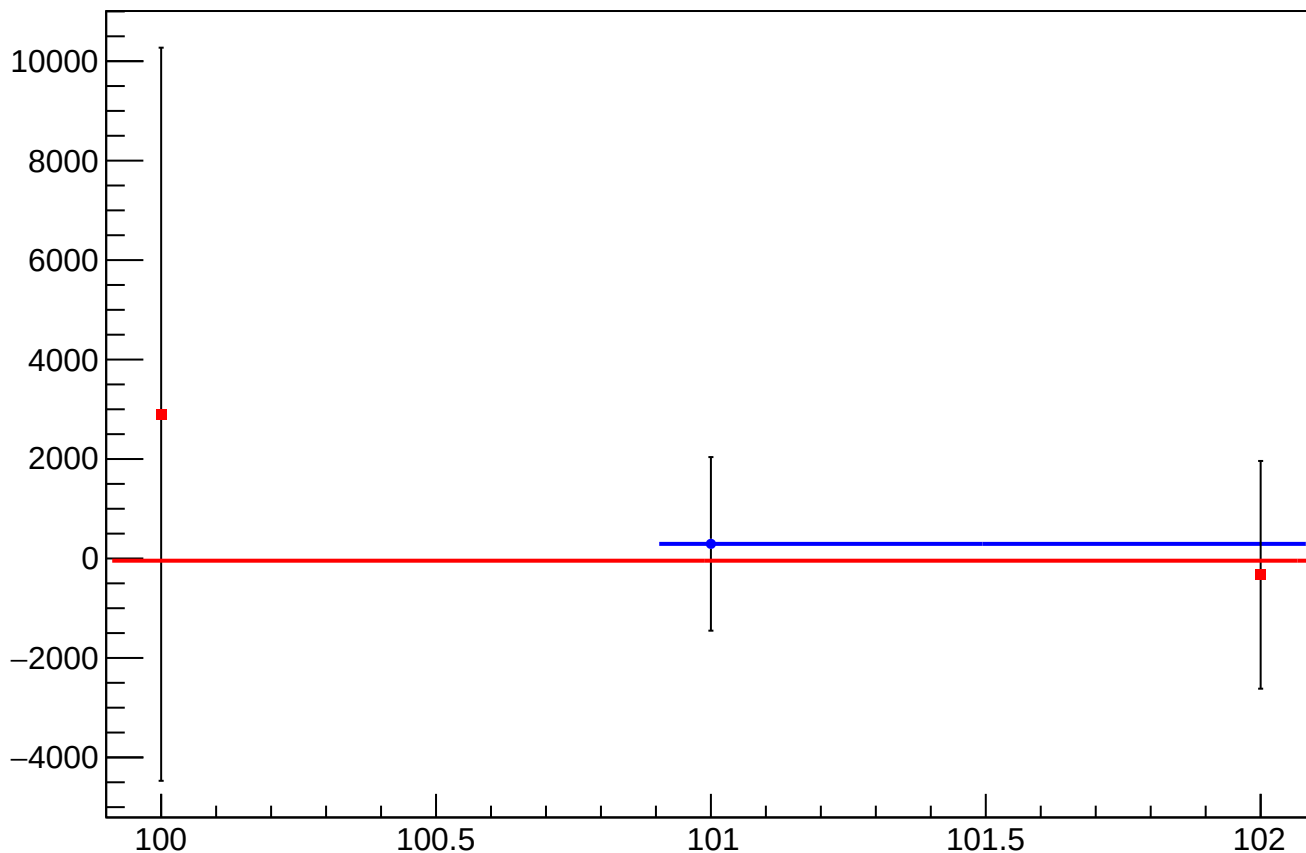
Right: 3731.440 $\pm$ 2.508 χ^2/NDF : 265055.6/2

In: 5798.906 $\pm$ 5.064 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 3731.440 $\pm$ 2.508 χ^2/NDF : 265055.6/2

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 293.829+/-1745.413 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -44.375+/-2186.548 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

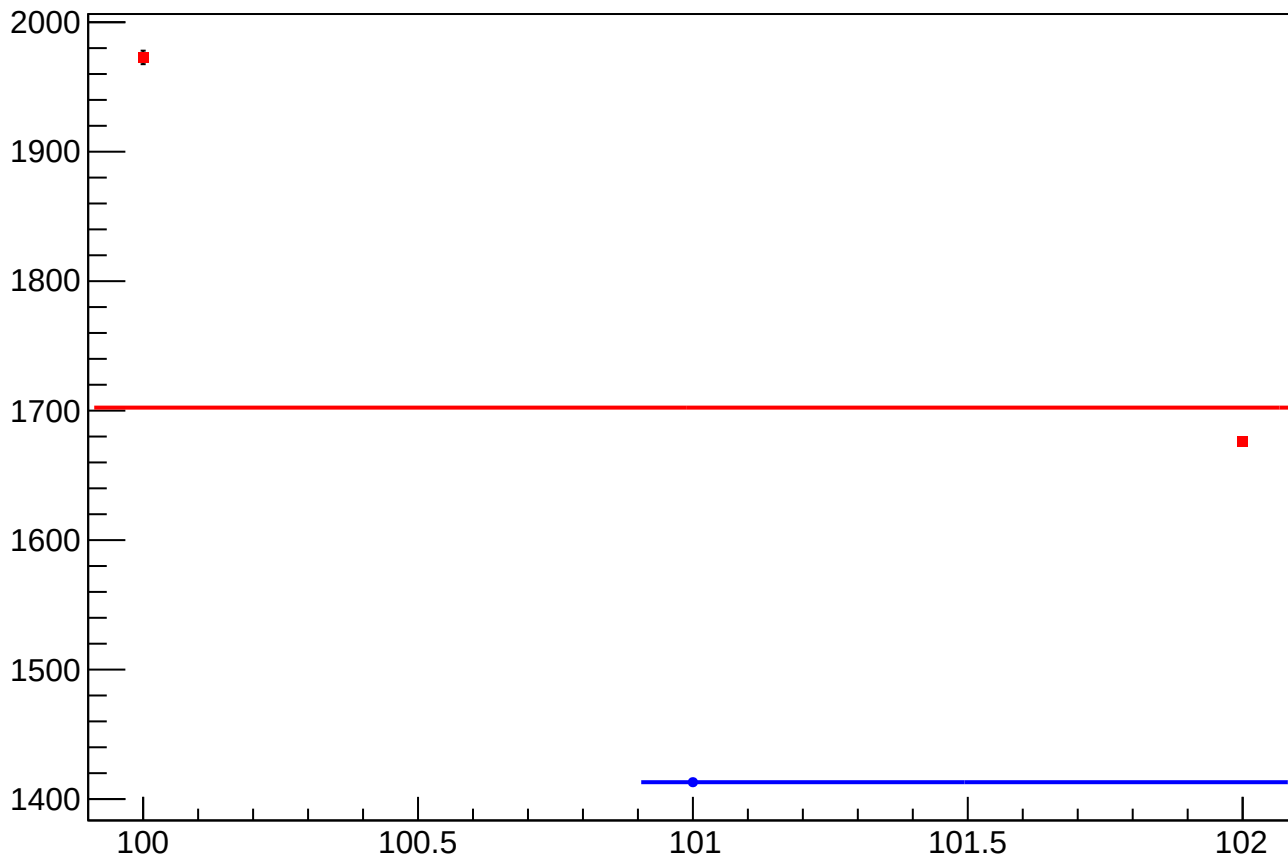
Right: 162.199+/-1364.102 χ^2/NDF : 0.2/2

In: 293.829+/-1745.413 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.199+/-1364.102 χ^2/NDF : 0.2/2

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1413.027 $\pm$ 1.234 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1702.340 $\pm$ 1.546 χ^2 /NDF: 2952.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

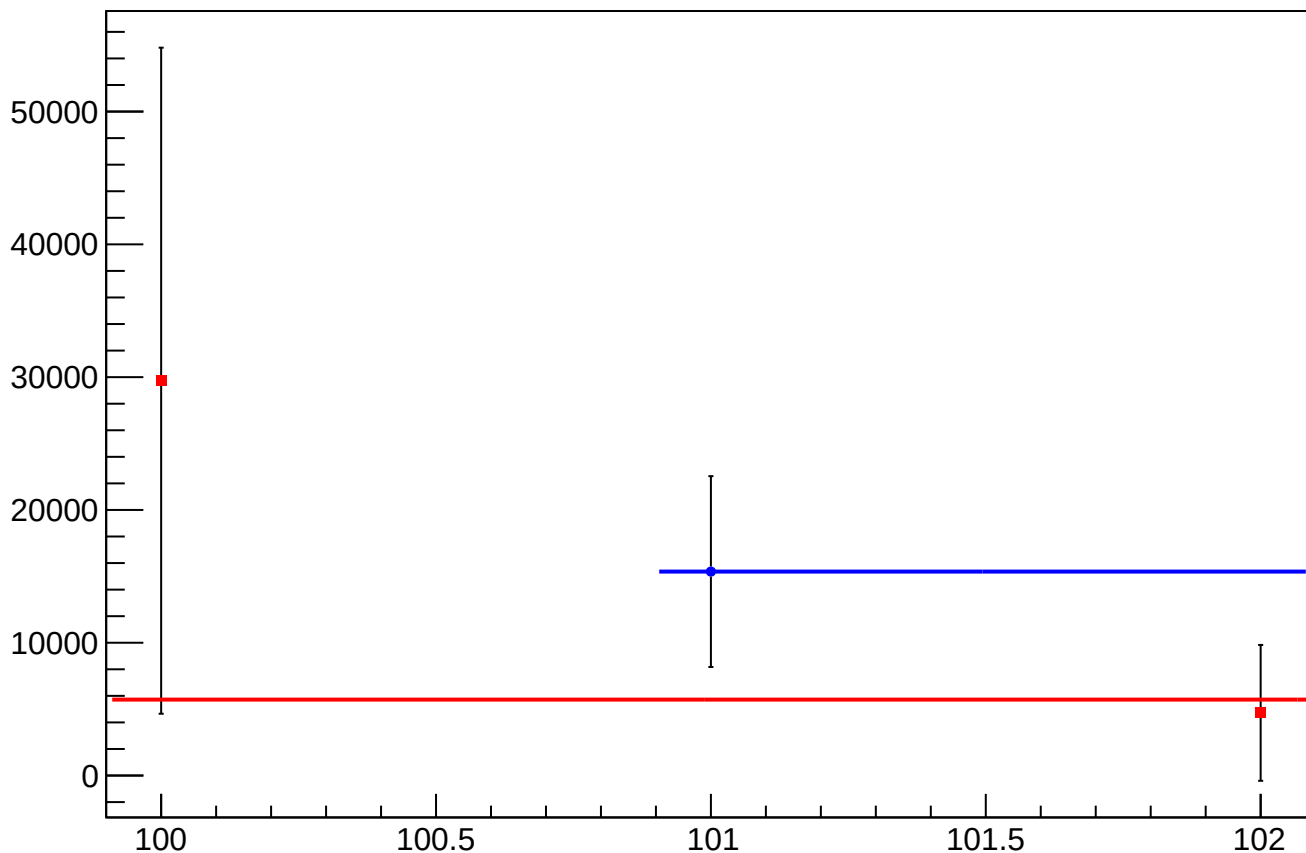
Right: 1525.629 $\pm$ 0.965 χ^2 /NDF: 24339.7/2

In: 1413.027 $\pm$ 1.234 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1525.629 $\pm$ 0.965 χ^2 /NDF: 24339.7/2

dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 15358.570+/-7185.356 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5718.164+/-5012.164 χ^2/NDF : 1.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

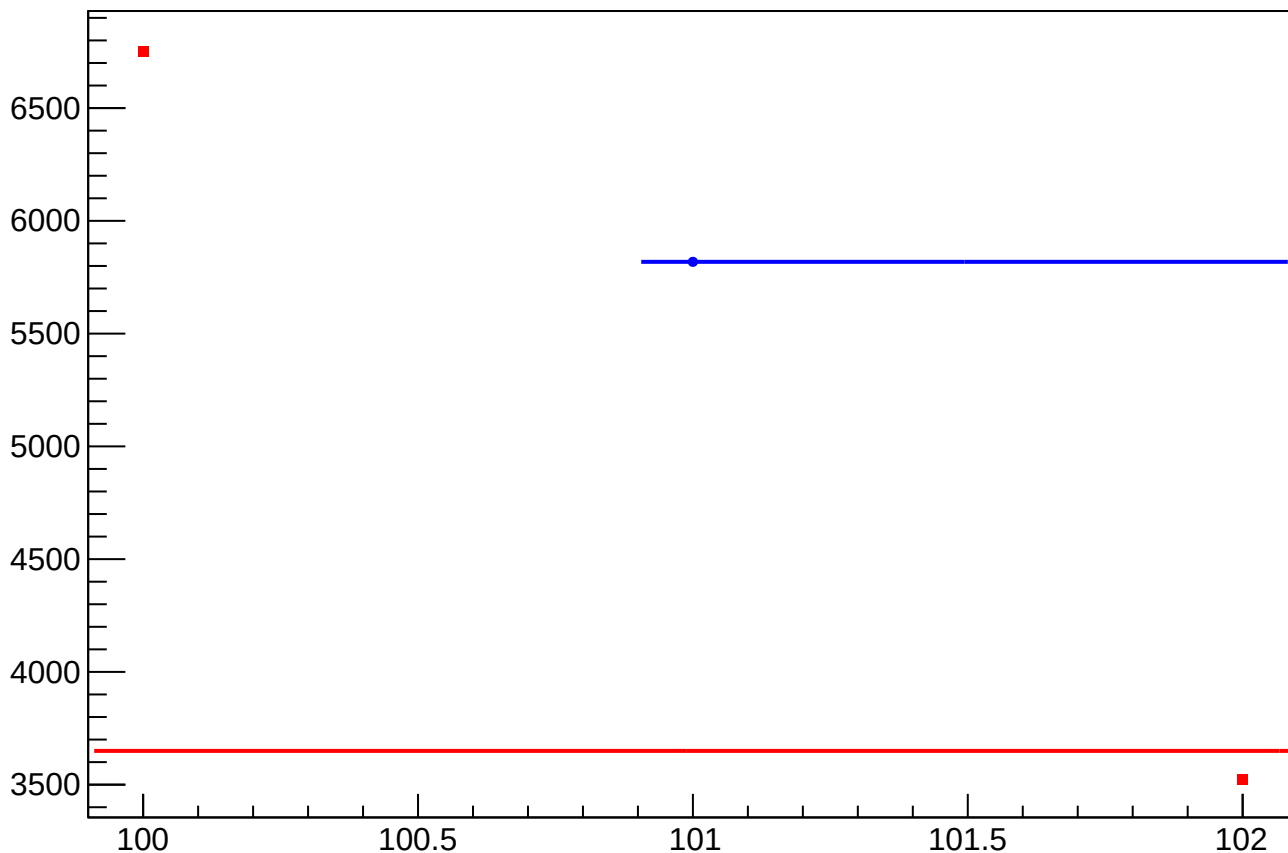
Right: 8873.613+/-4110.846 χ^2/NDF : 2.2/2

In: 15358.570+/-7185.356 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8873.613+/-4110.846 χ^2/NDF : 2.2/2

dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 5818.284+/-5.081 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 3649.764+/-3.544 χ^2 /NDF: 31839.0/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

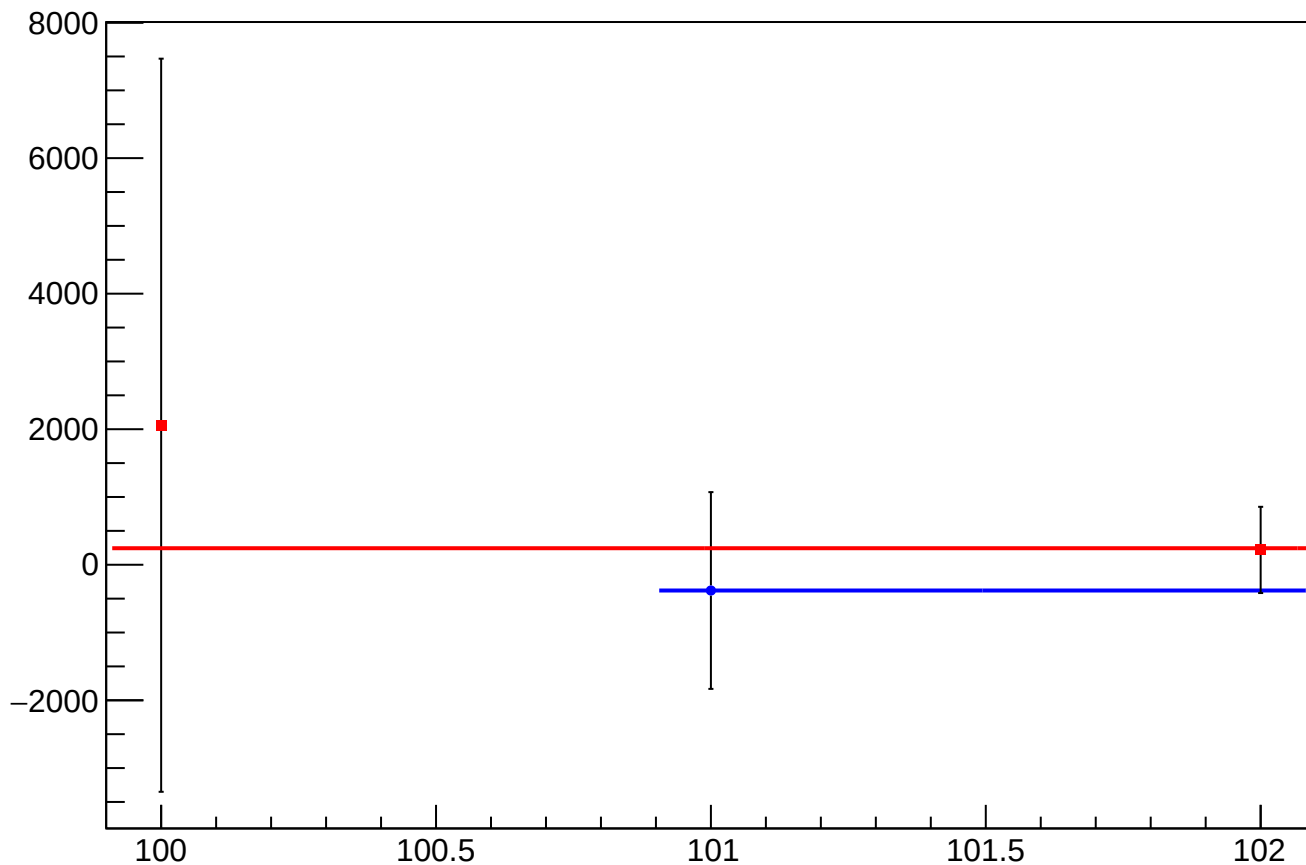
Right: 4359.437+/-2.907 χ^2 /NDF: 154387.1/2

In: 5818.284+/-5.081 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 4359.437+/-2.907 χ^2 /NDF: 154387.1/2

asym_us_avg_at1lr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -380.017+/-1451.767 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 243.916+/-631.787 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

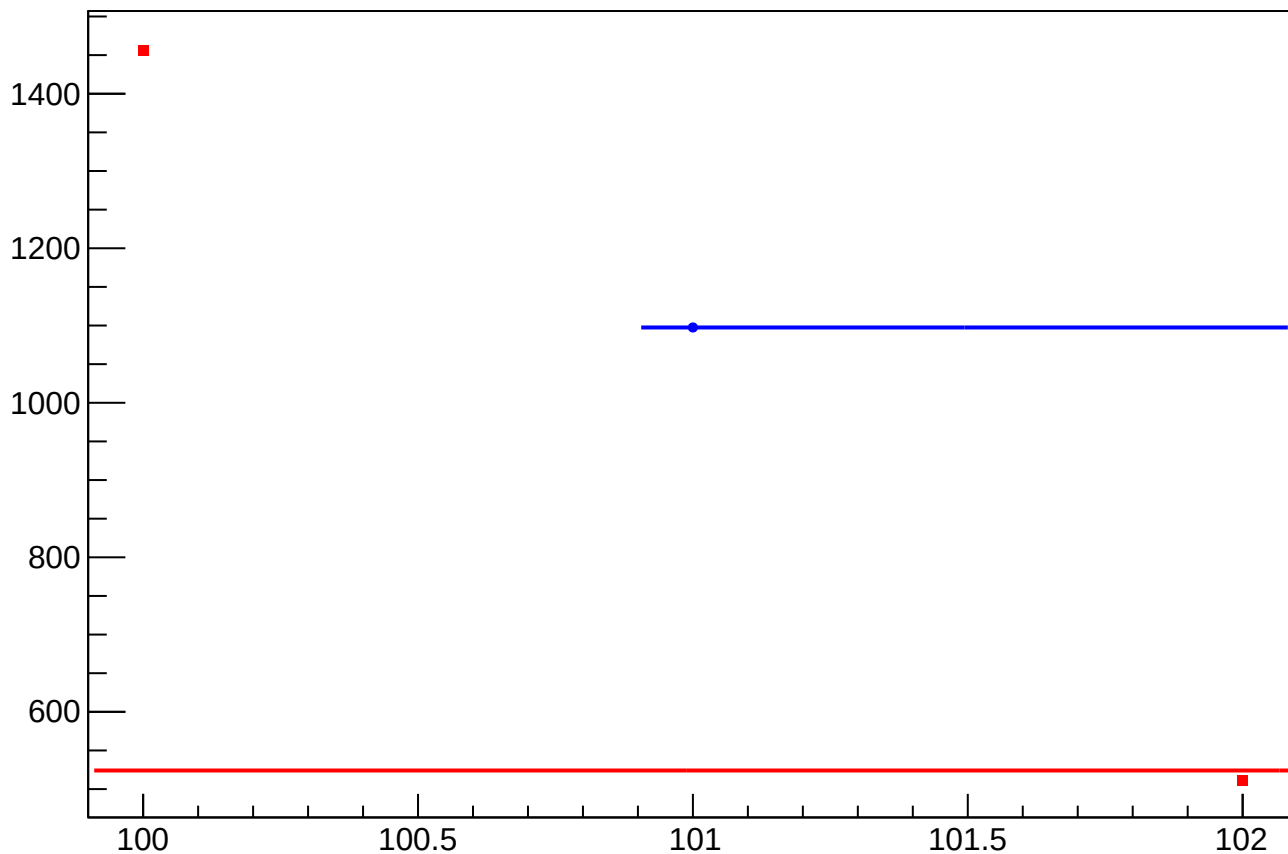
Right: 144.567+/-579.308 χ^2/NDF : 0.3/2

In: -380.017+/-1451.767 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.567+/-579.308 χ^2/NDF : 0.3/2

asym_us_avg_at1lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1097.480+/-1.027 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 524.075+/-0.447 χ^2/NDF : 60167.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

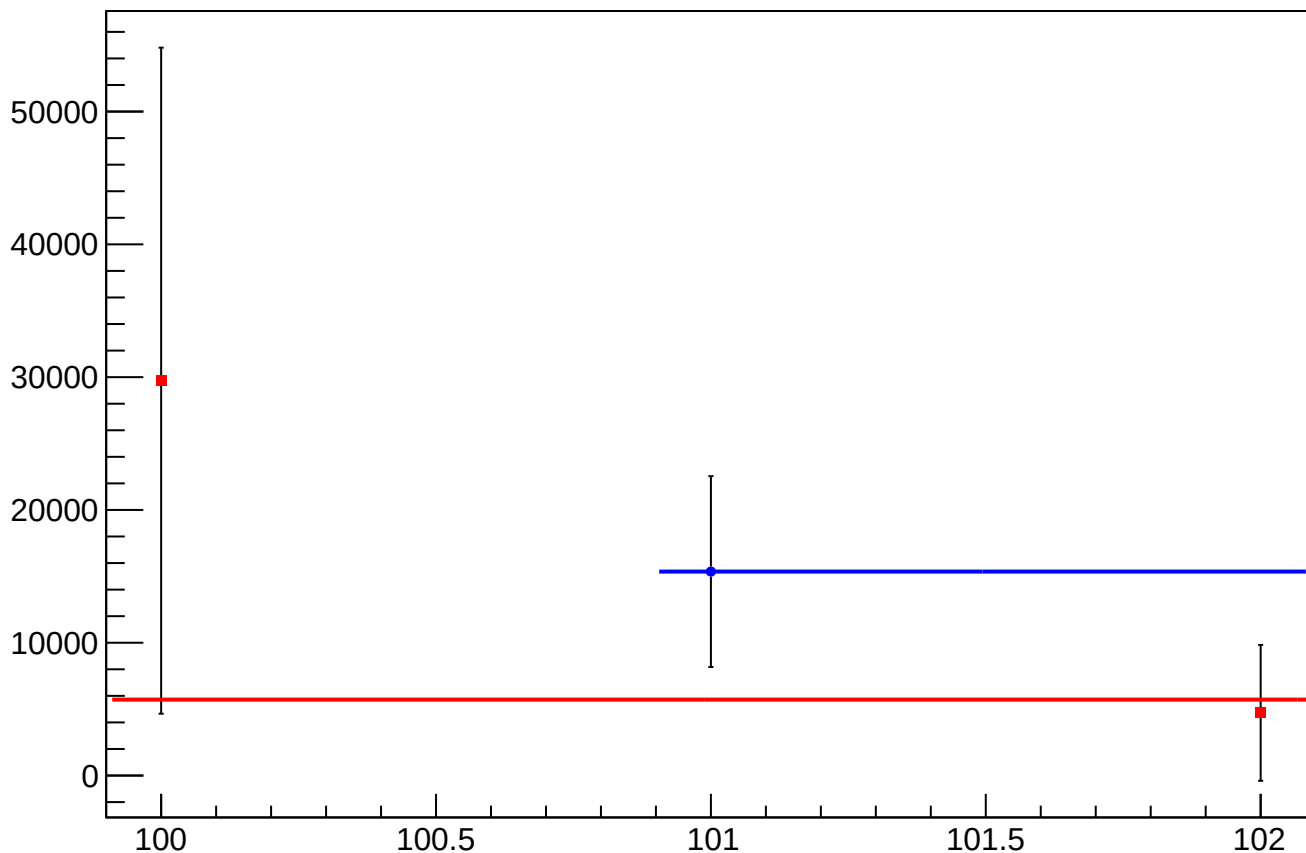
Right: 615.378+/-0.410 χ^2/NDF : 322490.3/2

In: 1097.480+/-1.027 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 615.378+/-0.410 χ^2/NDF : 322490.3/2

eigen_dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 15358.566+/-7185.356 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5718.119+/-5012.159 χ^2/NDF : 1.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

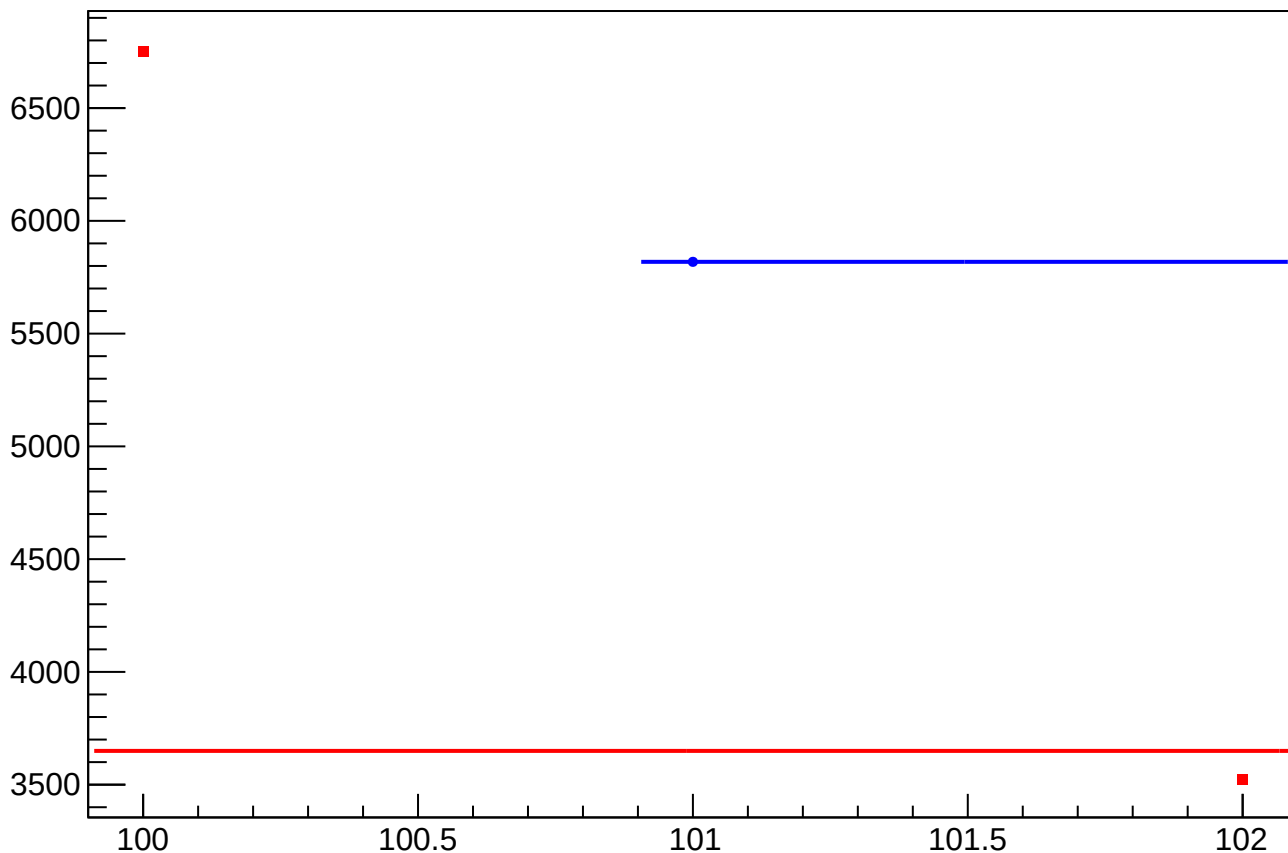
Right: 8873.577+/-4110.843 χ^2/NDF : 2.2/2

In: 15358.566+/-7185.356 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8873.577+/-4110.843 χ^2/NDF : 2.2/2

eigen_dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 5818.284+/-5.081 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3649.757+/-3.544 χ^2/NDF : 31839.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

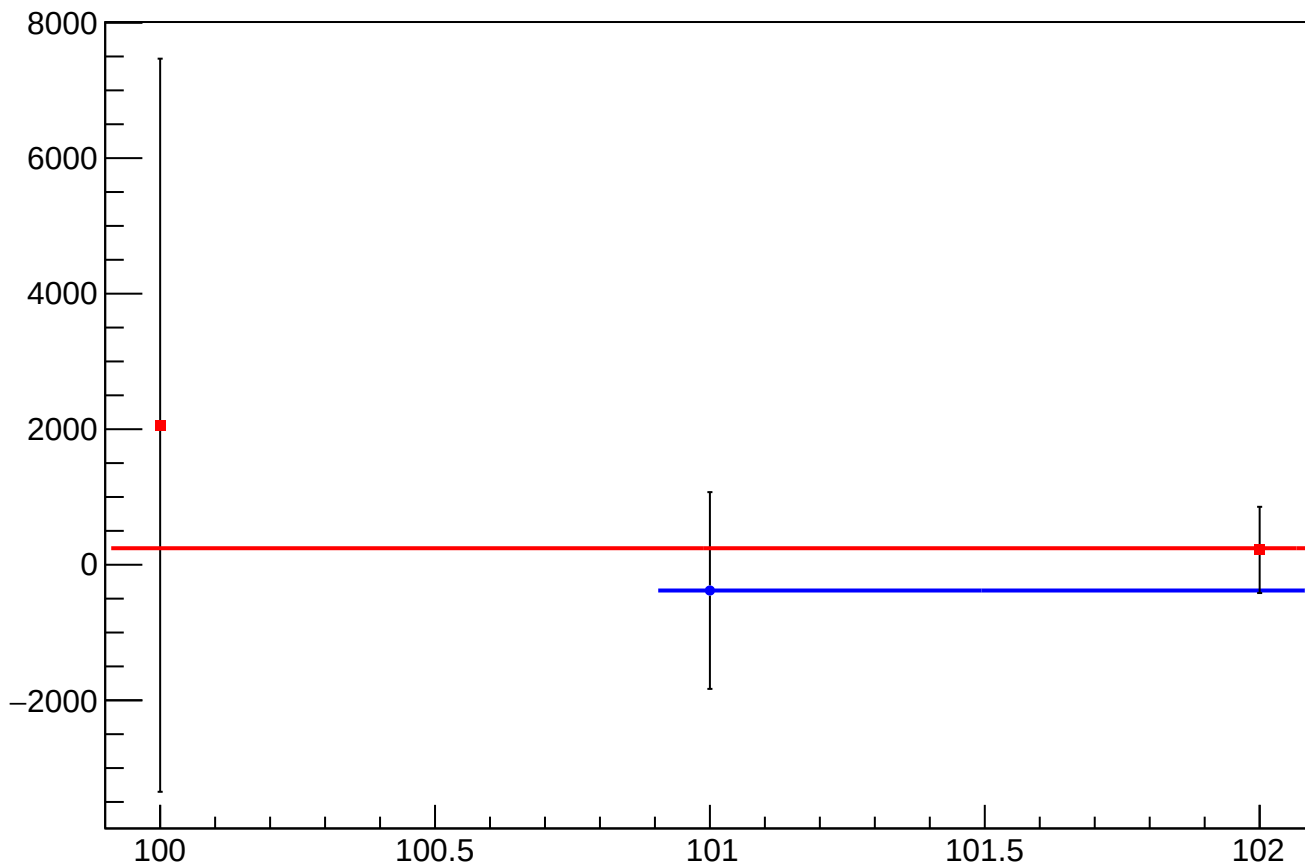
Right: 4359.431+/-2.907 χ^2/NDF : 154388.1/2

In: 5818.284+/-5.081 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4359.431+/-2.907 χ^2/NDF : 154388.1/2

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -380.032+/-1451.770 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 243.929+/-631.794 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

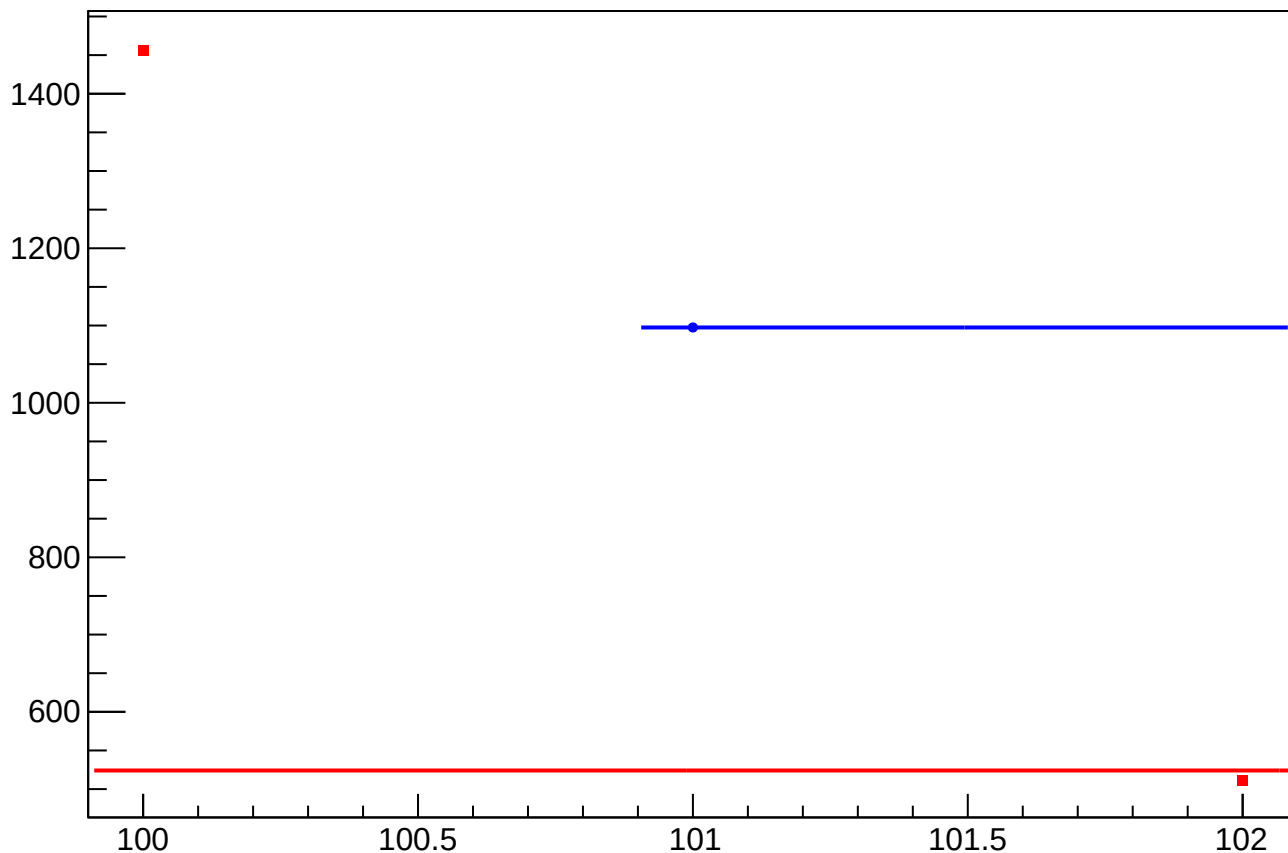
Right: 144.574+/-579.313 χ^2/NDF : 0.3/2

In: -380.032+/-1451.770 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.574+/-579.313 χ^2/NDF : 0.3/2

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1097.484 $\pm$ 1.027 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 524.080 $\pm$ 0.447 χ^2 /NDF: 60166.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

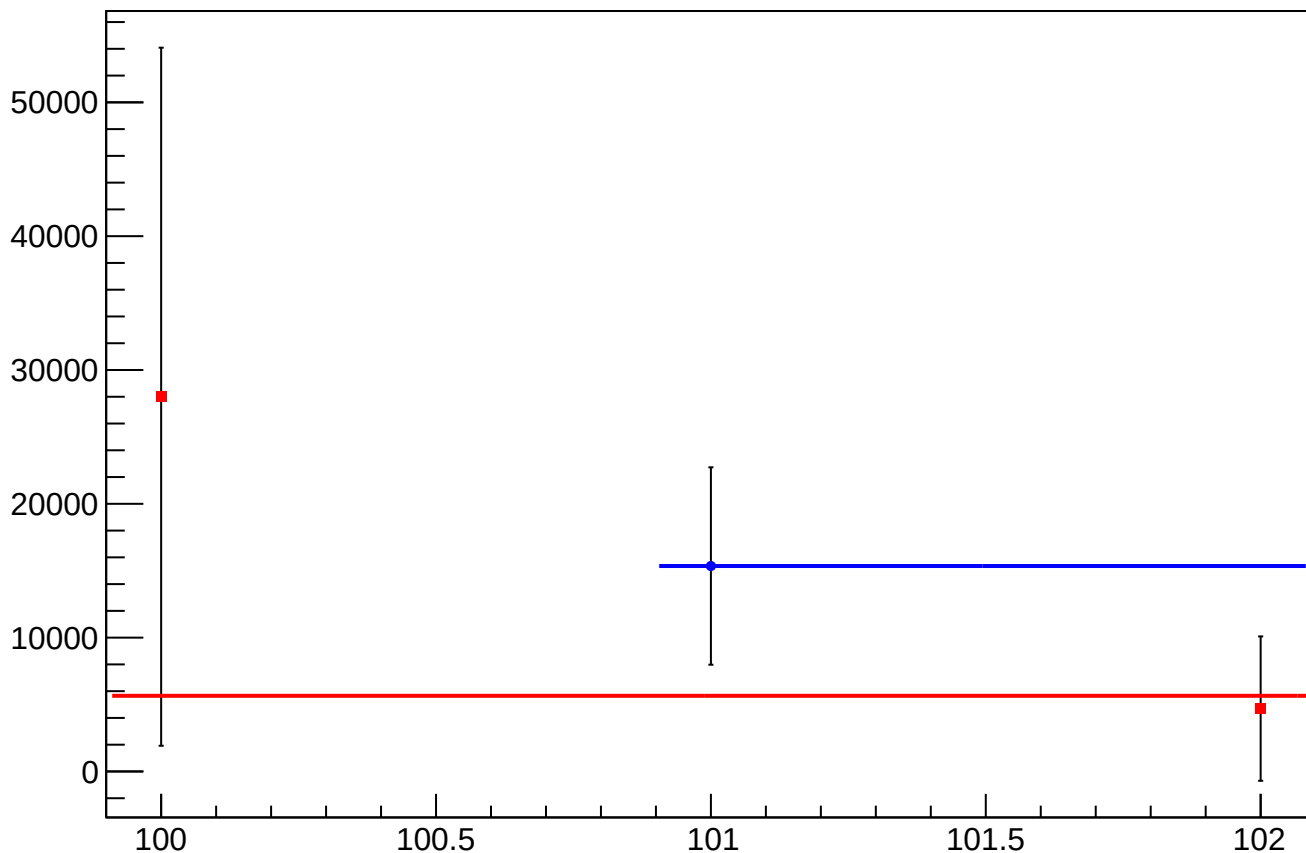
Right: 615.385 $\pm$ 0.410 χ^2 /NDF: 322486.6/2

In: 1097.484 $\pm$ 1.027 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 615.385 $\pm$ 0.410 χ^2 /NDF: 322486.6/2

asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 15351.958+/-7375.851 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5653.308+/-5283.076 χ^2/NDF : 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

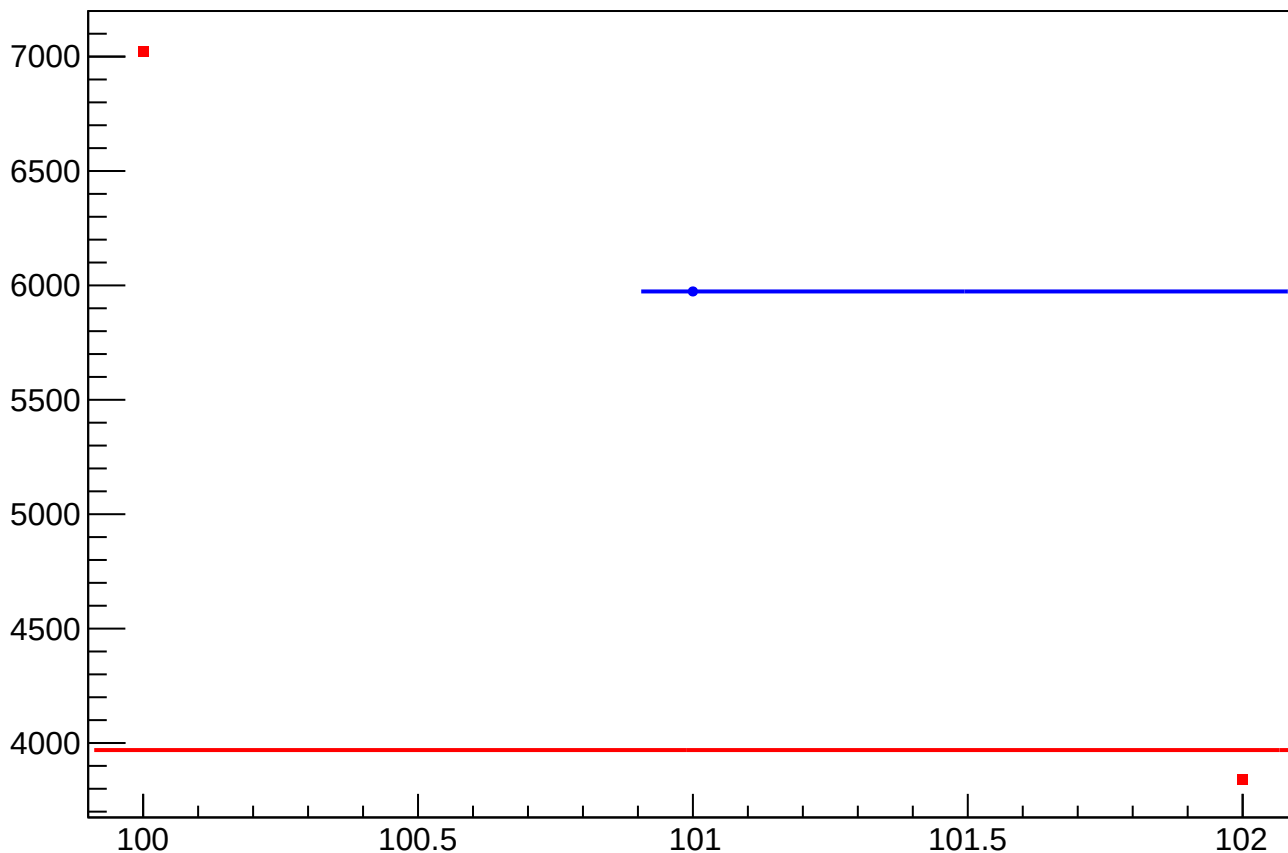
Right: 8941.907+/-4294.988 χ^2/NDF : 1.9/2

In: 15351.958+/-7375.851 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8941.907+/-4294.988 χ^2/NDF : 1.9/2

asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 5973.585 $\pm$ 5.216 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3969.153 $\pm$ 3.735 χ^2 /NDF: 28545.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

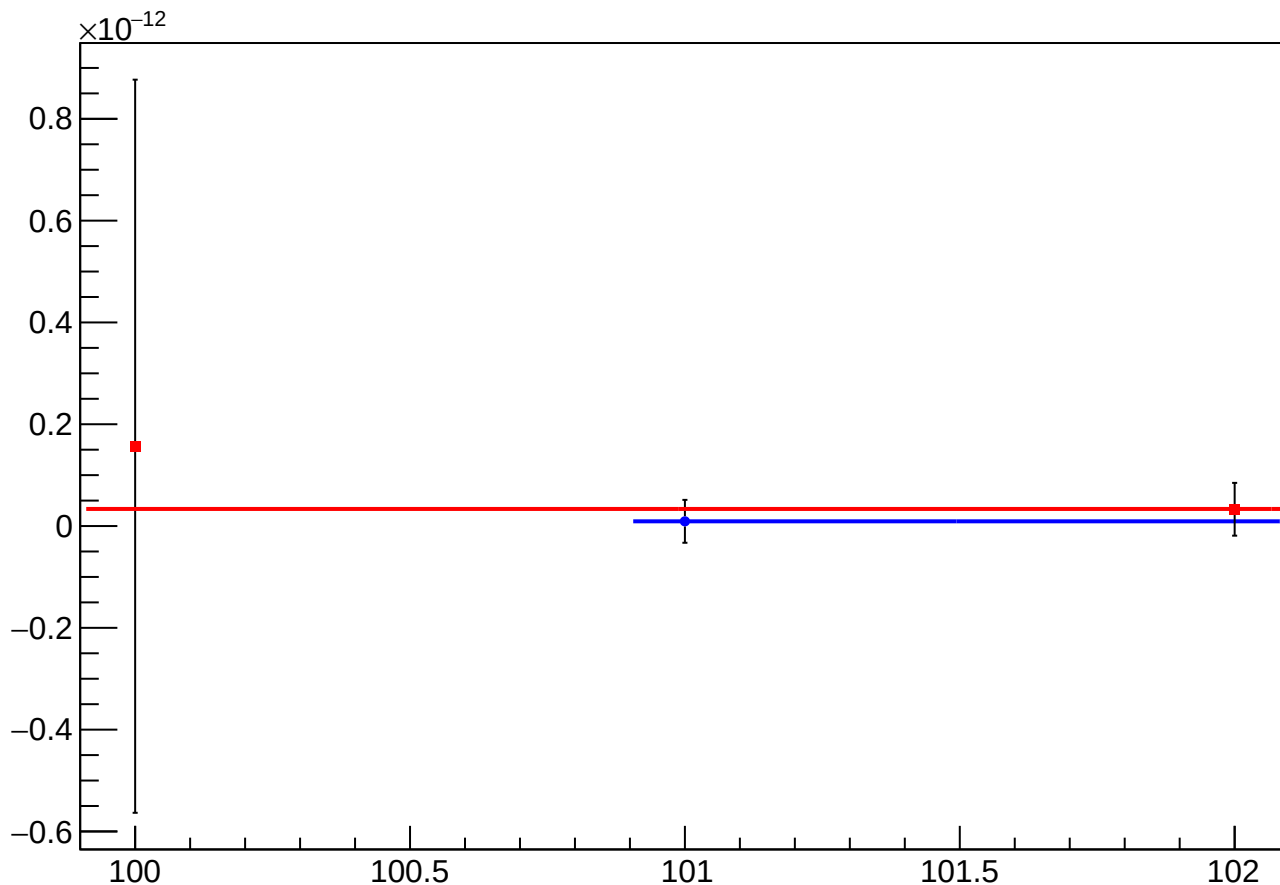
Right: 4648.690 $\pm$ 3.037 χ^2 /NDF: 126173.9/2

In: 5973.585 $\pm$ 5.216 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4648.690 $\pm$ 3.037 χ^2 /NDF: 126173.9/2

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

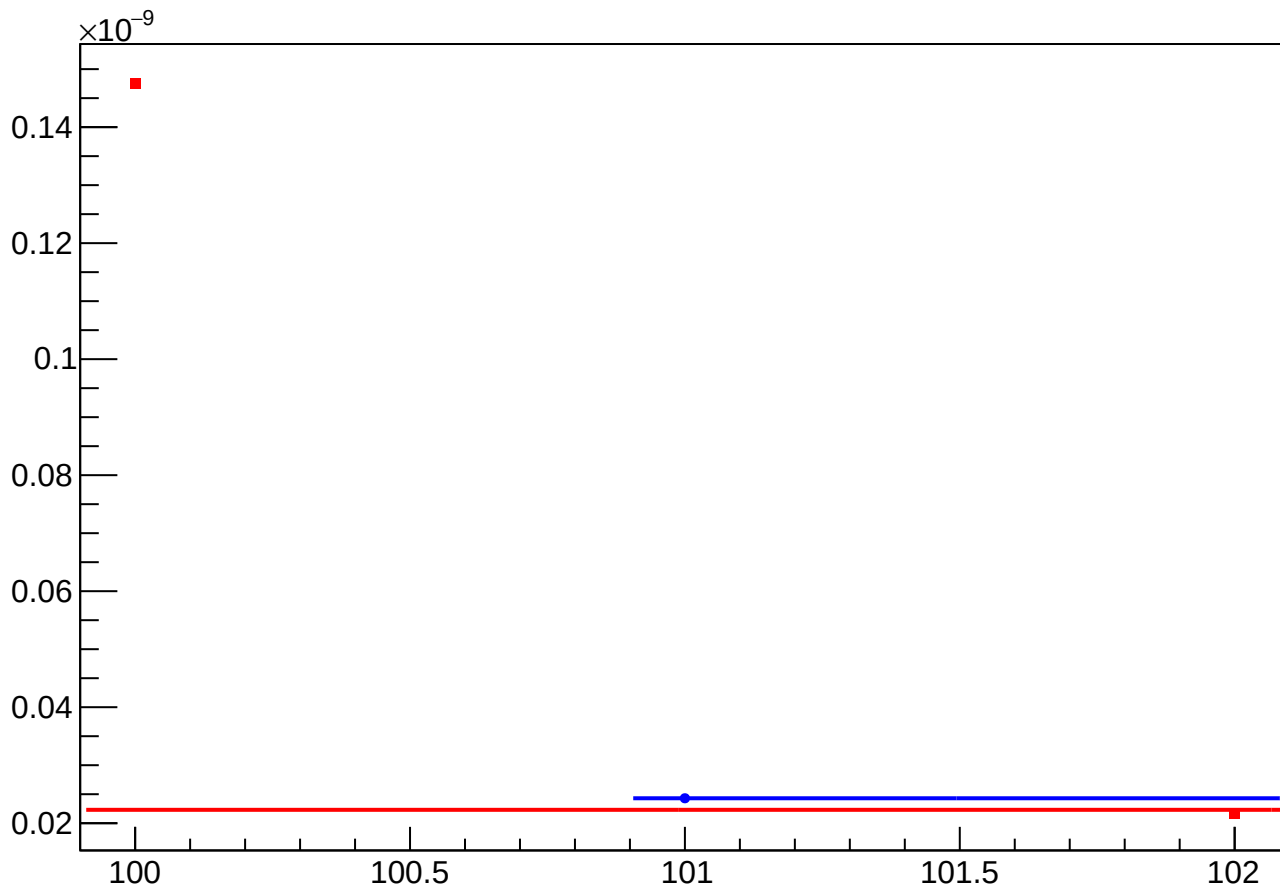
Right: 0.000+/-0.000 χ^2/NDF : 0.2/2

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 : 0.2/2

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_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 : 60754.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

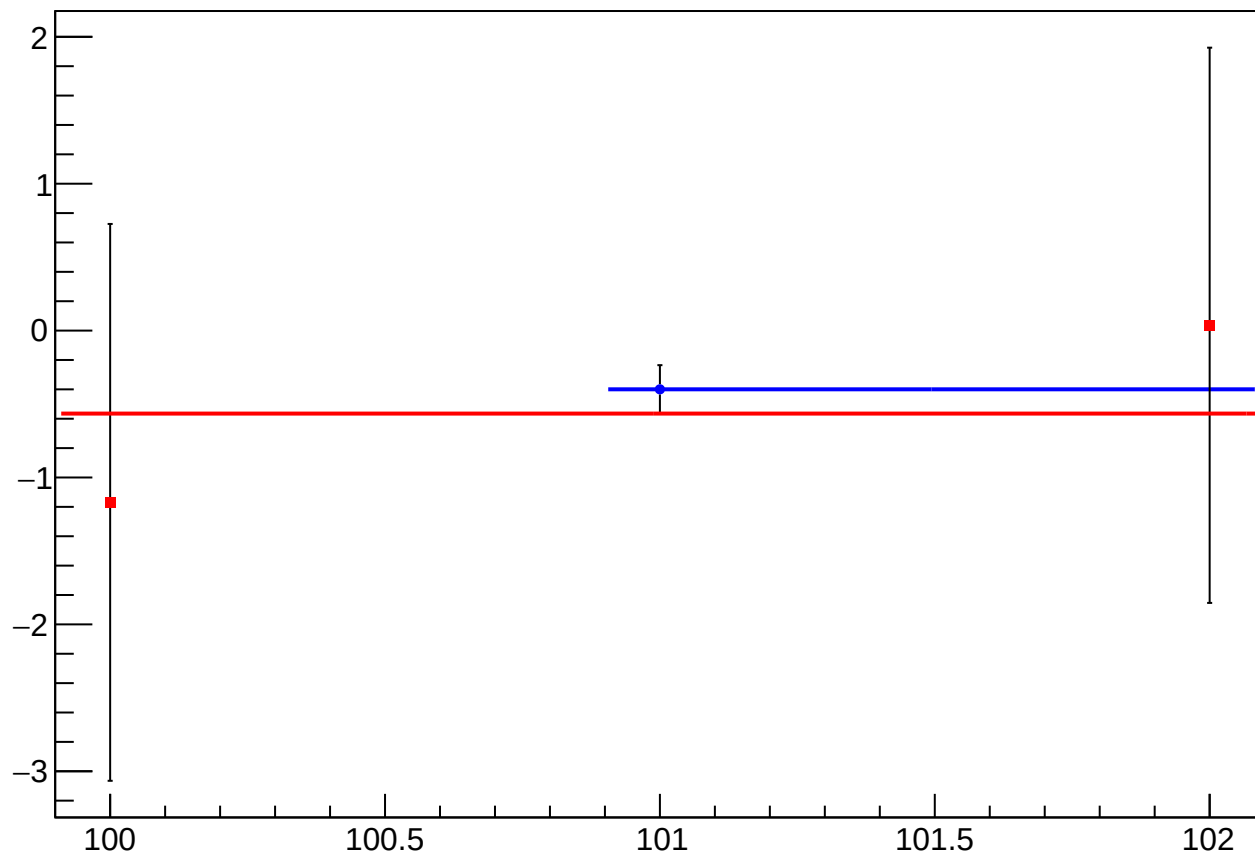
Right: 0.000+/-0.000 χ^2/NDF : 62537.2/2

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 : 62537.2/2

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.400+/-0.164 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.565+/-1.338 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

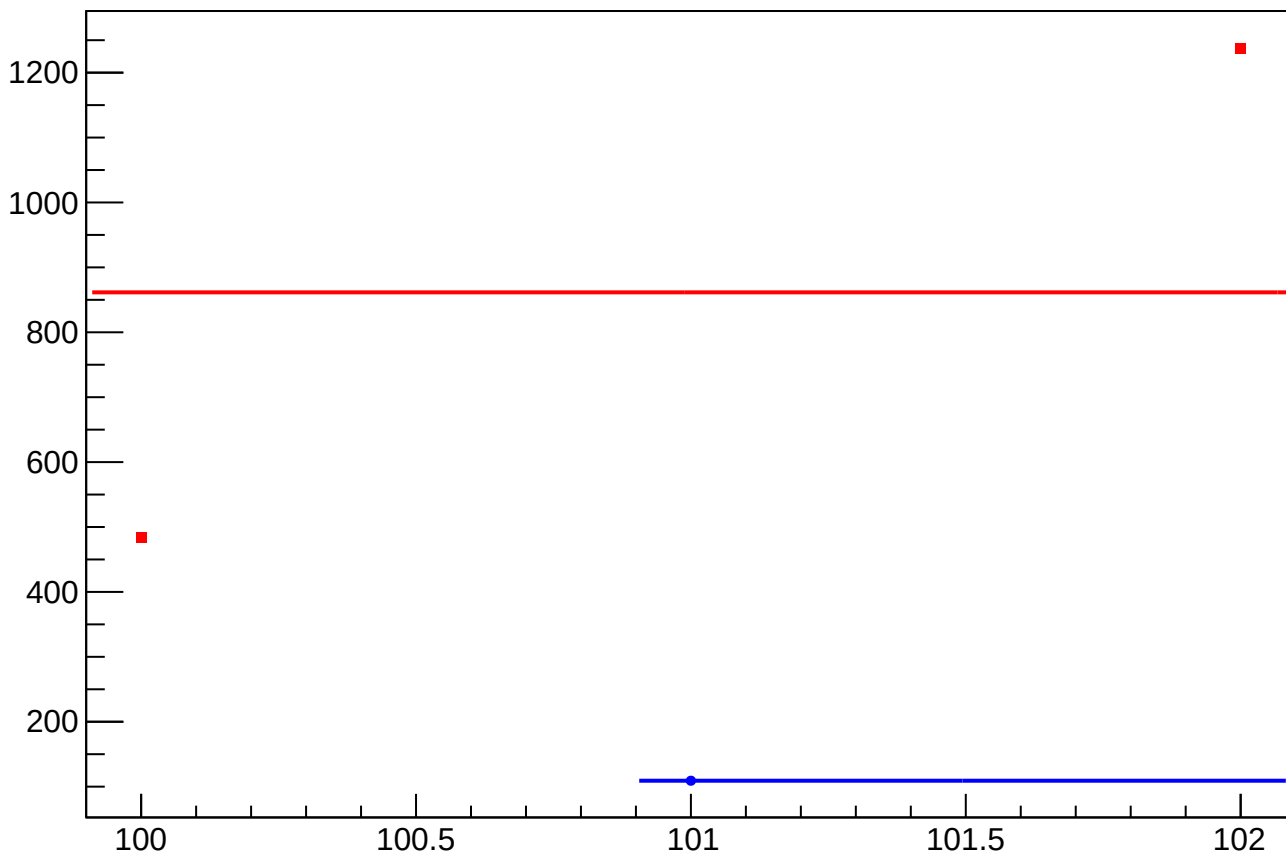
Right: -0.402+/-0.163 χ^2/NDF : 0.2/2

In: -0.400+/-0.164 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.402+/-0.163 χ^2/NDF : 0.2/2

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 109.126+/-0.116 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 861.518+/-0.946 χ^2/NDF : 158453.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

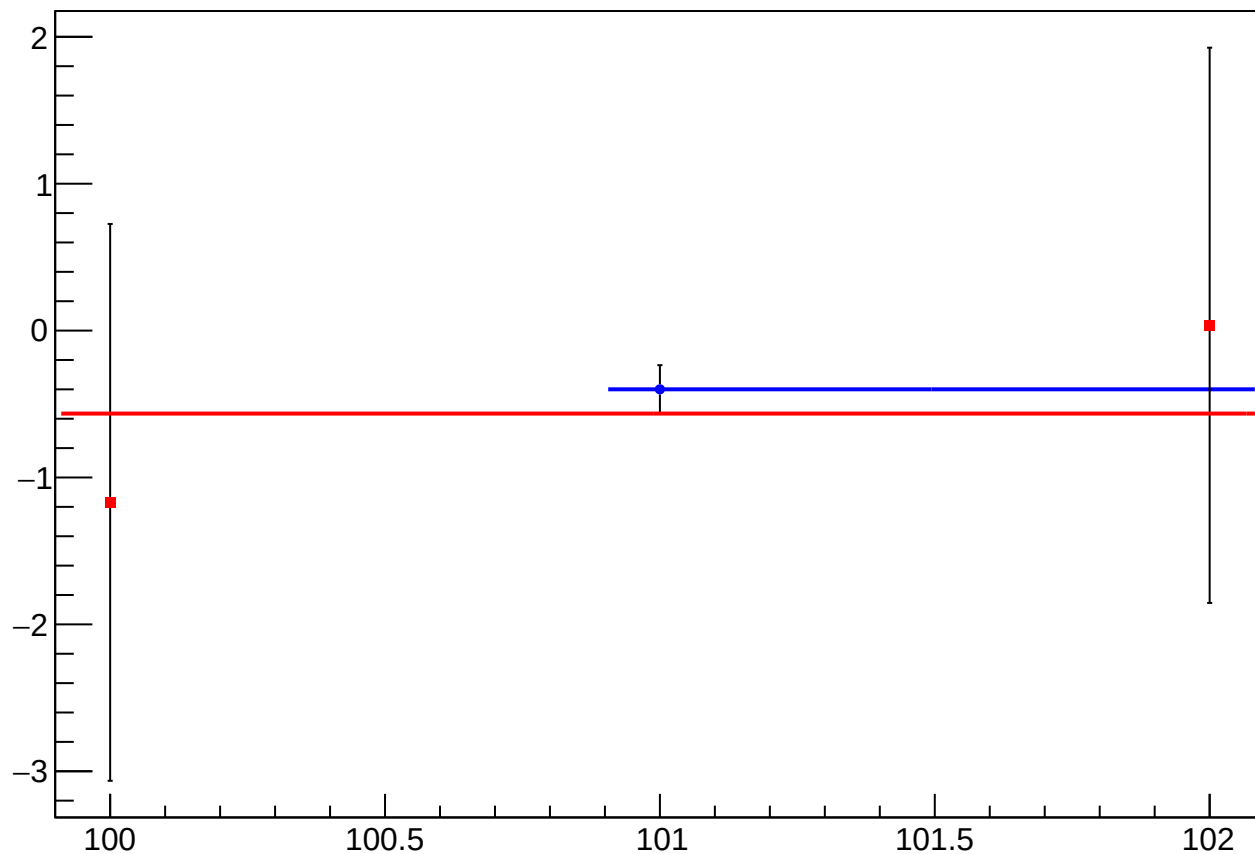
Right: 120.319+/-0.115 χ^2/NDF : 781129.3/2

In: 109.126+/-0.116 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.319+/-0.115 χ^2/NDF : 781129.3/2

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.400+/-0.164 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.565+/-1.338 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

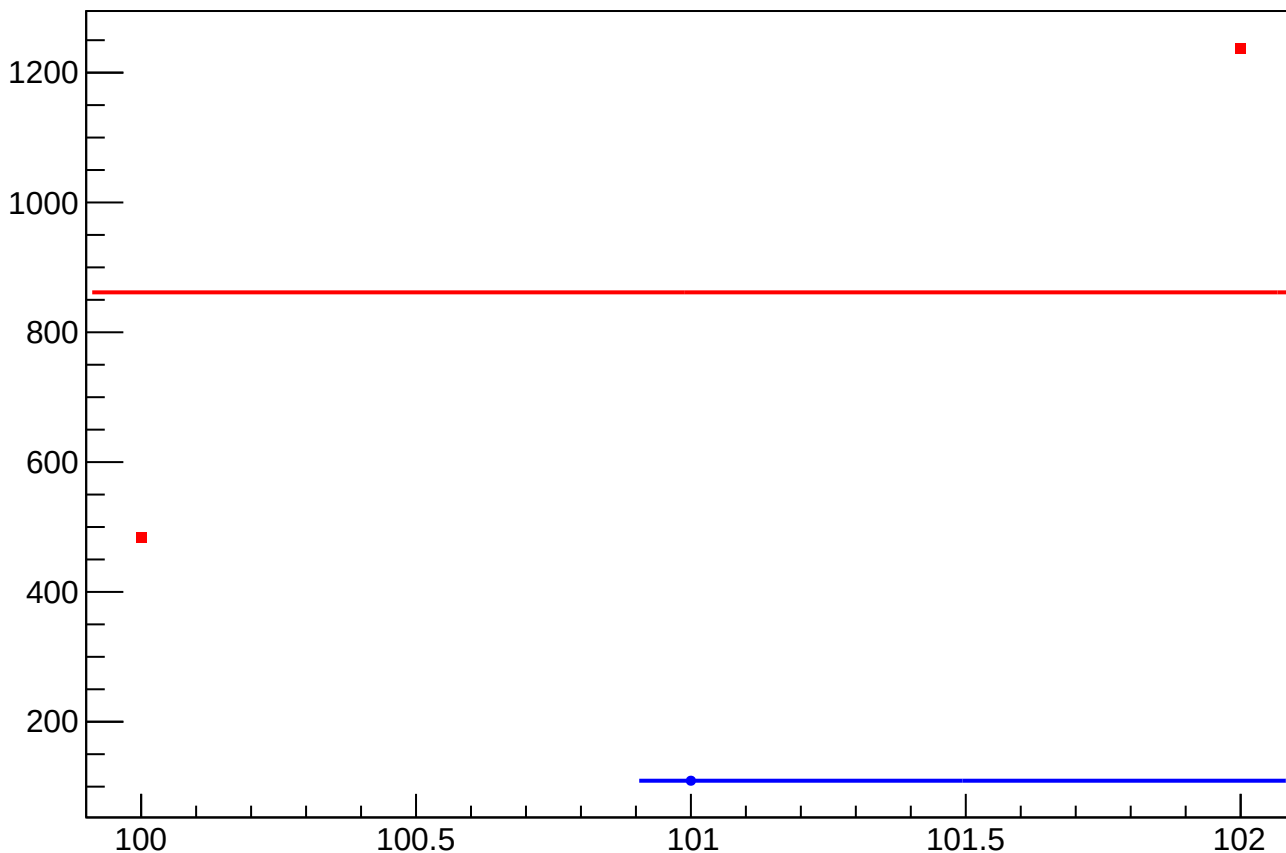
Right: -0.402+/-0.163 χ^2/NDF : 0.2/2

In: -0.400+/-0.164 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.402+/-0.163 χ^2/NDF : 0.2/2

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 109.126+/-0.116 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 861.518+/-0.946 χ^2/NDF : 158453.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

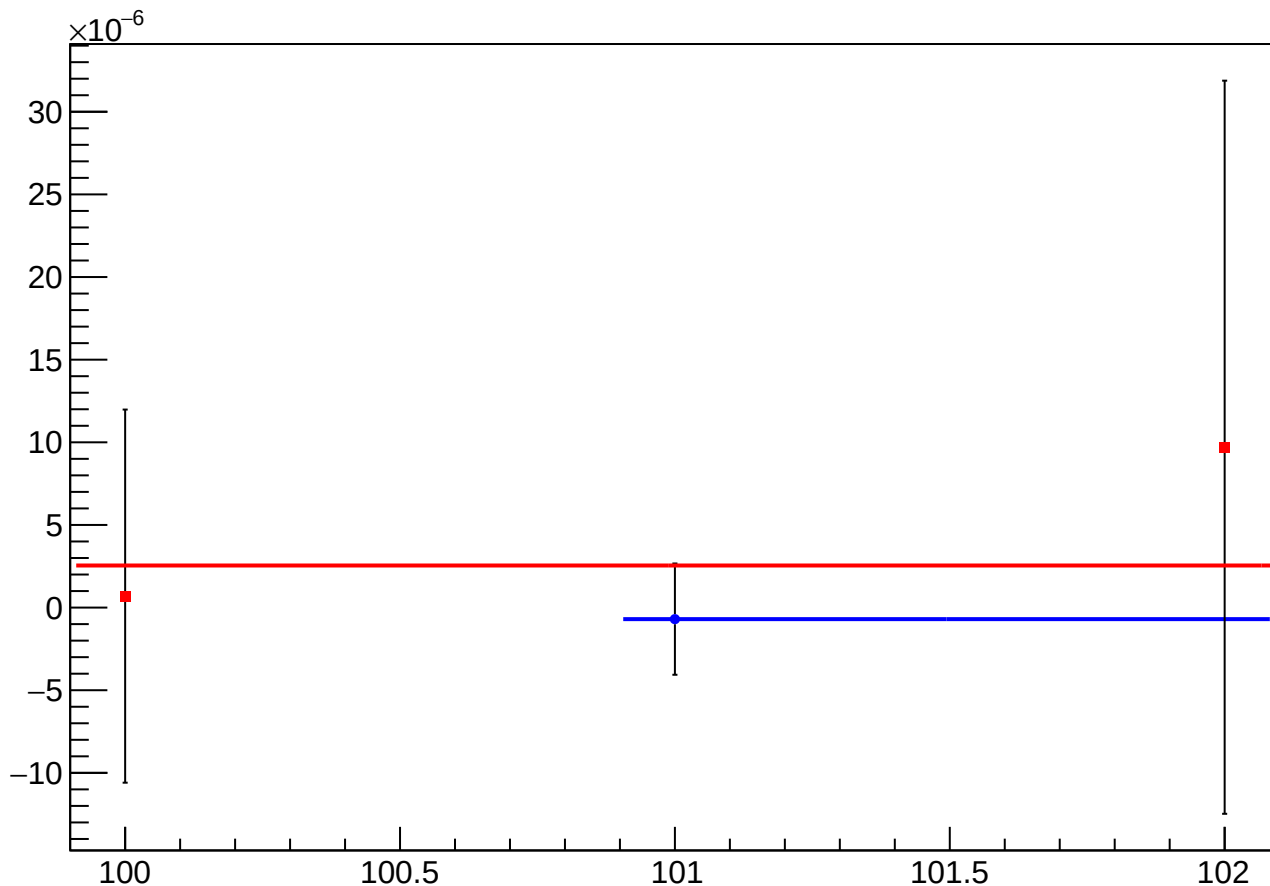
Right: 120.319+/-0.115 χ^2/NDF : 781129.3/2

In: 109.126+/-0.116 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.319+/-0.115 χ^2/NDF : 781129.3/2

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: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

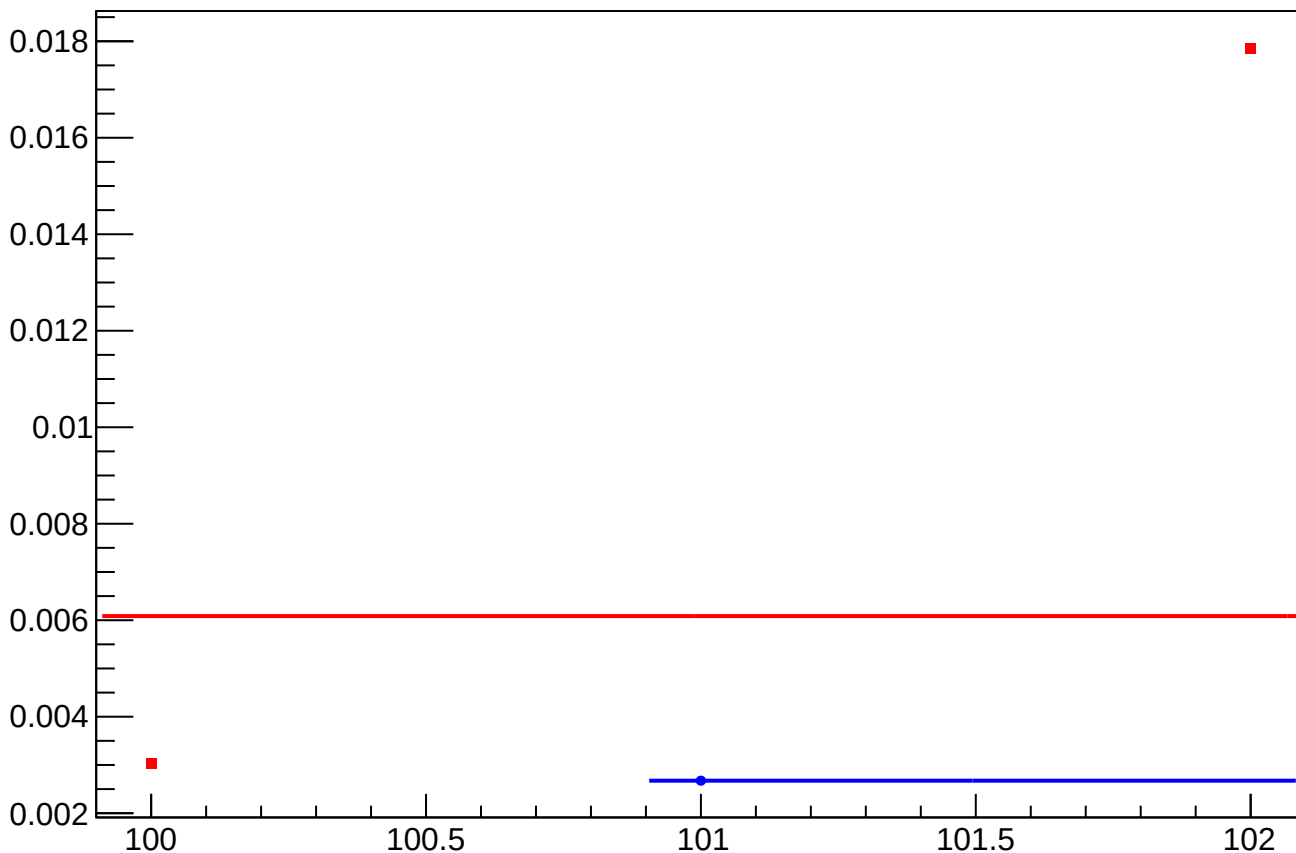
Right: -0.000+/-0.000 χ^2 /NDF: 0.2/2

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: 0.2/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 708614.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

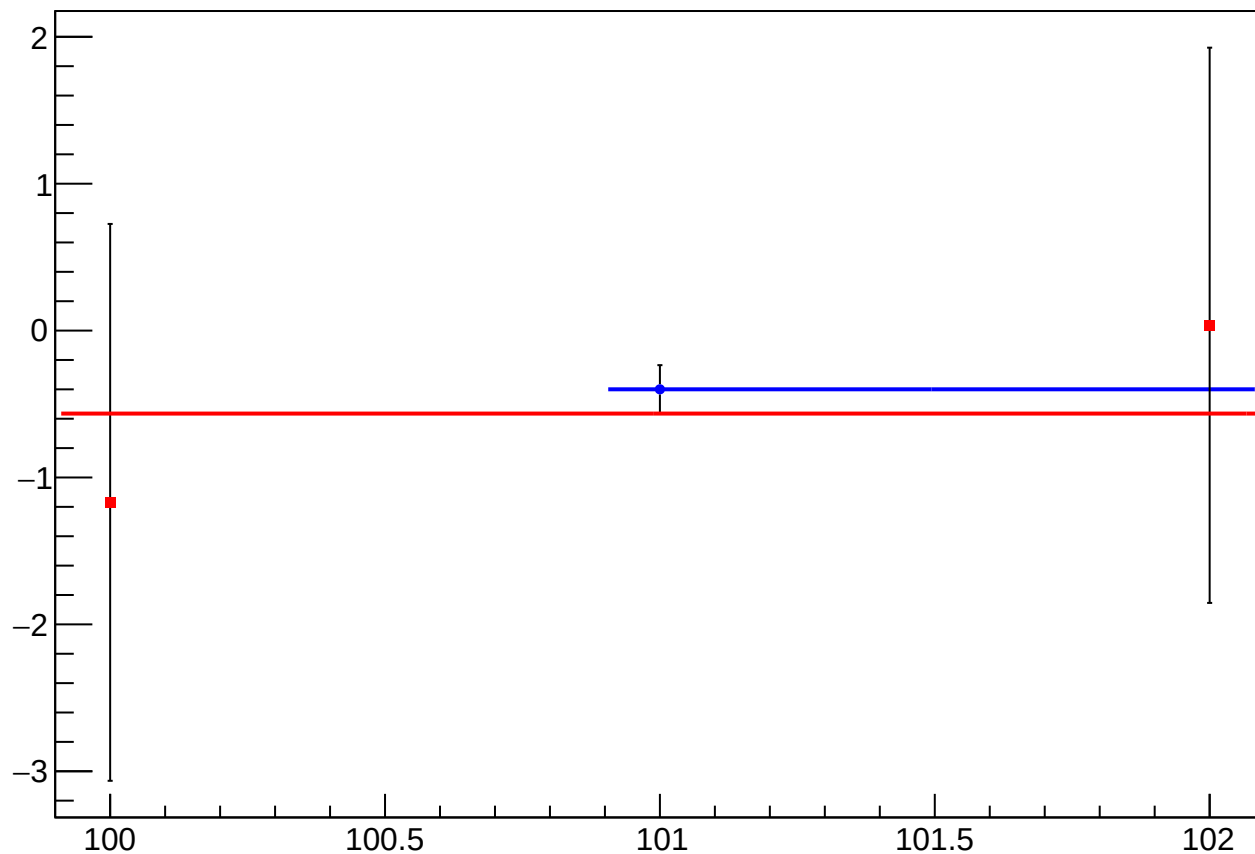
Right: 0.003+/-0.000 χ^2/NDF : 915473.5/2

In: 0.003+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 915473.5/2

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.400+/-0.164 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.565+/-1.338 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

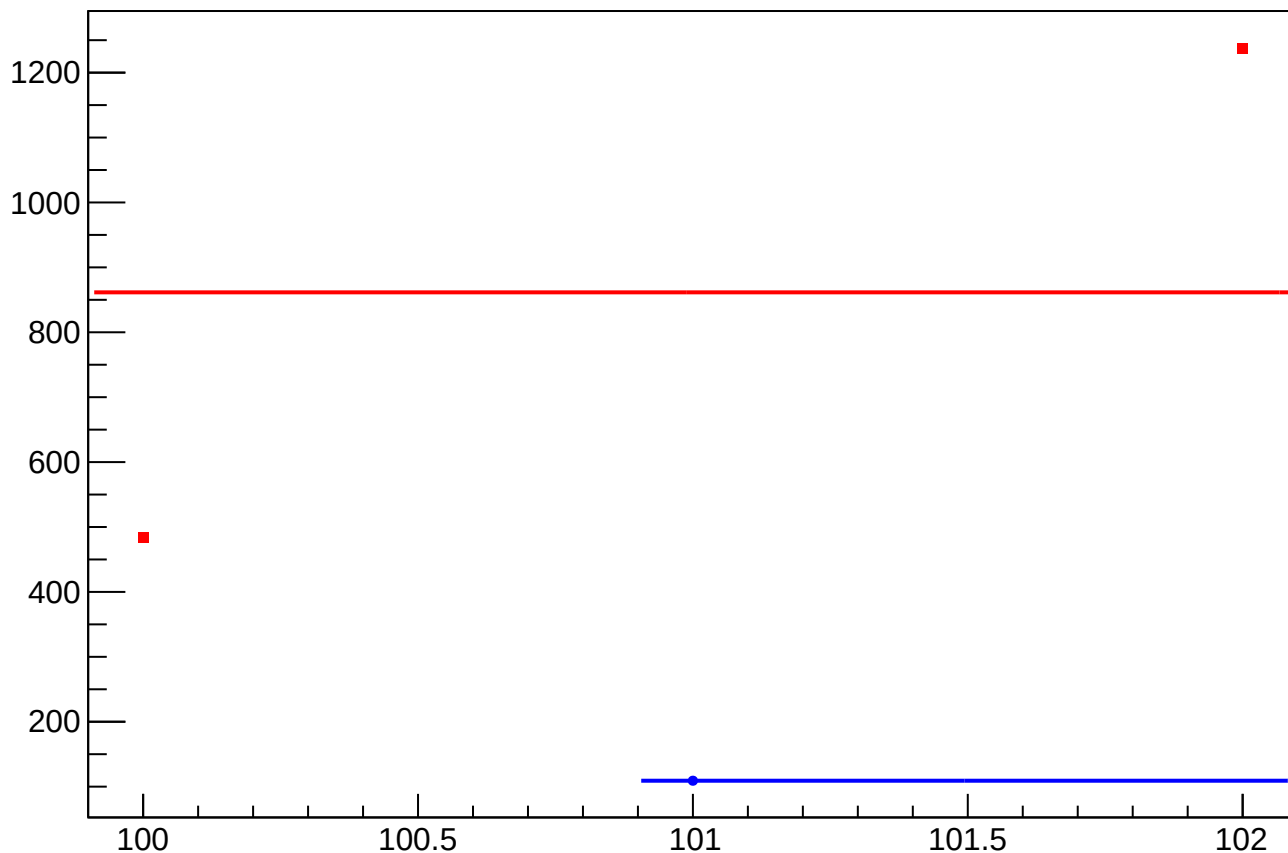
Right: -0.402+/-0.163 χ^2/NDF : 0.2/2

In: -0.400+/-0.164 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.402+/-0.163 χ^2/NDF : 0.2/2

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 109.125+/-0.116 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 861.517+/-0.946 χ^2/NDF : 158444.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

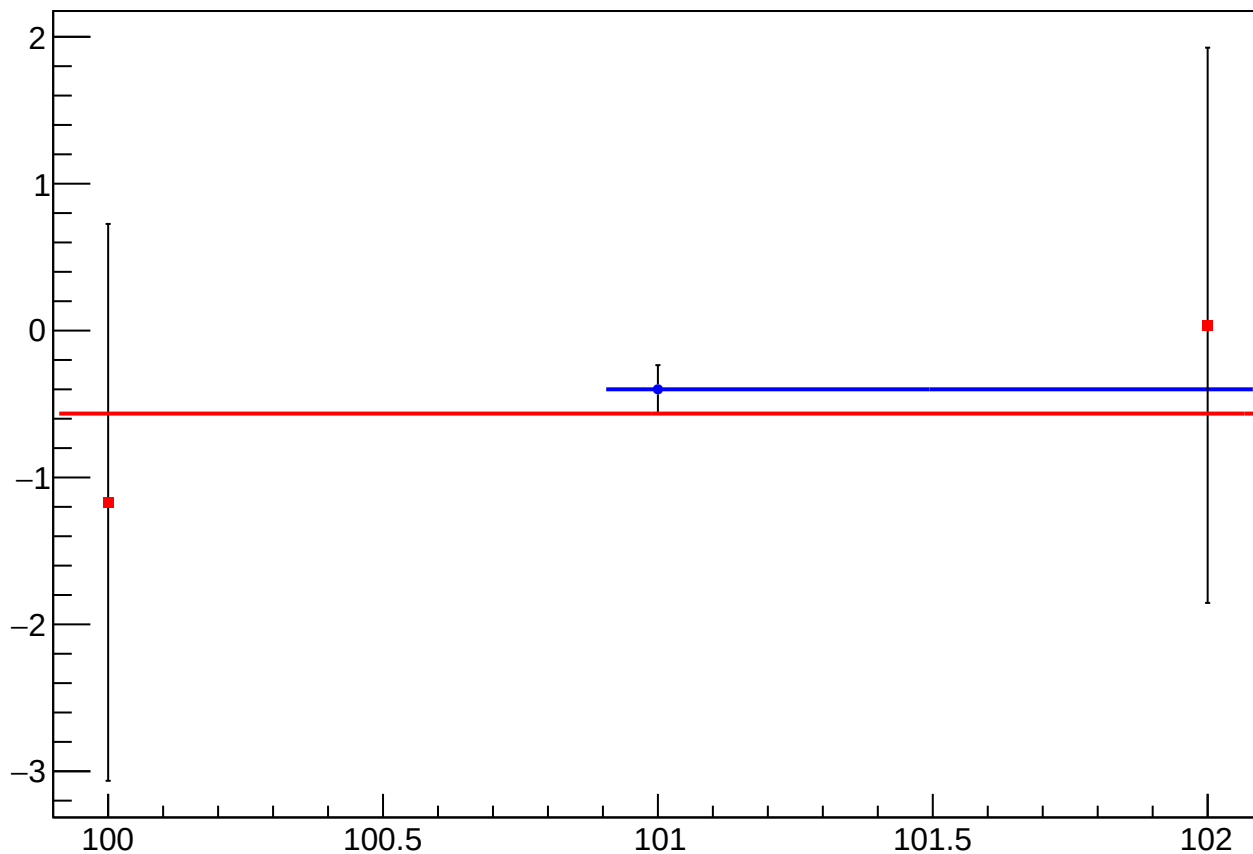
Right: 120.318+/-0.115 χ^2/NDF : 781122.7/2

In: 109.125+/-0.116 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.318+/-0.115 χ^2/NDF : 781122.7/2

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.400+/-0.164 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.565+/-1.338 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

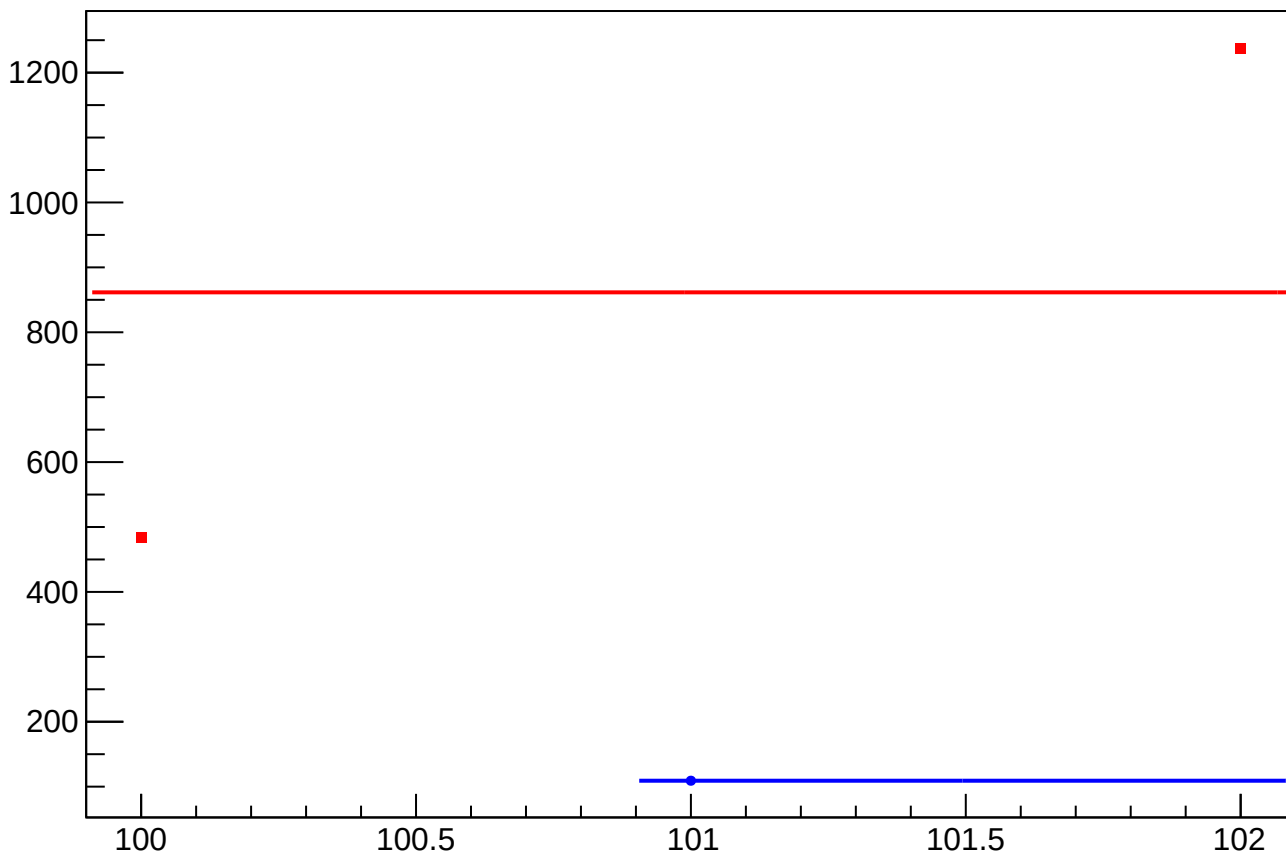
Right: -0.402+/-0.163 χ^2/NDF : 0.2/2

In: -0.400+/-0.164 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.402+/-0.163 χ^2/NDF : 0.2/2

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 109.125+/-0.116 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 861.517+/-0.946 χ^2/NDF : 158444.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

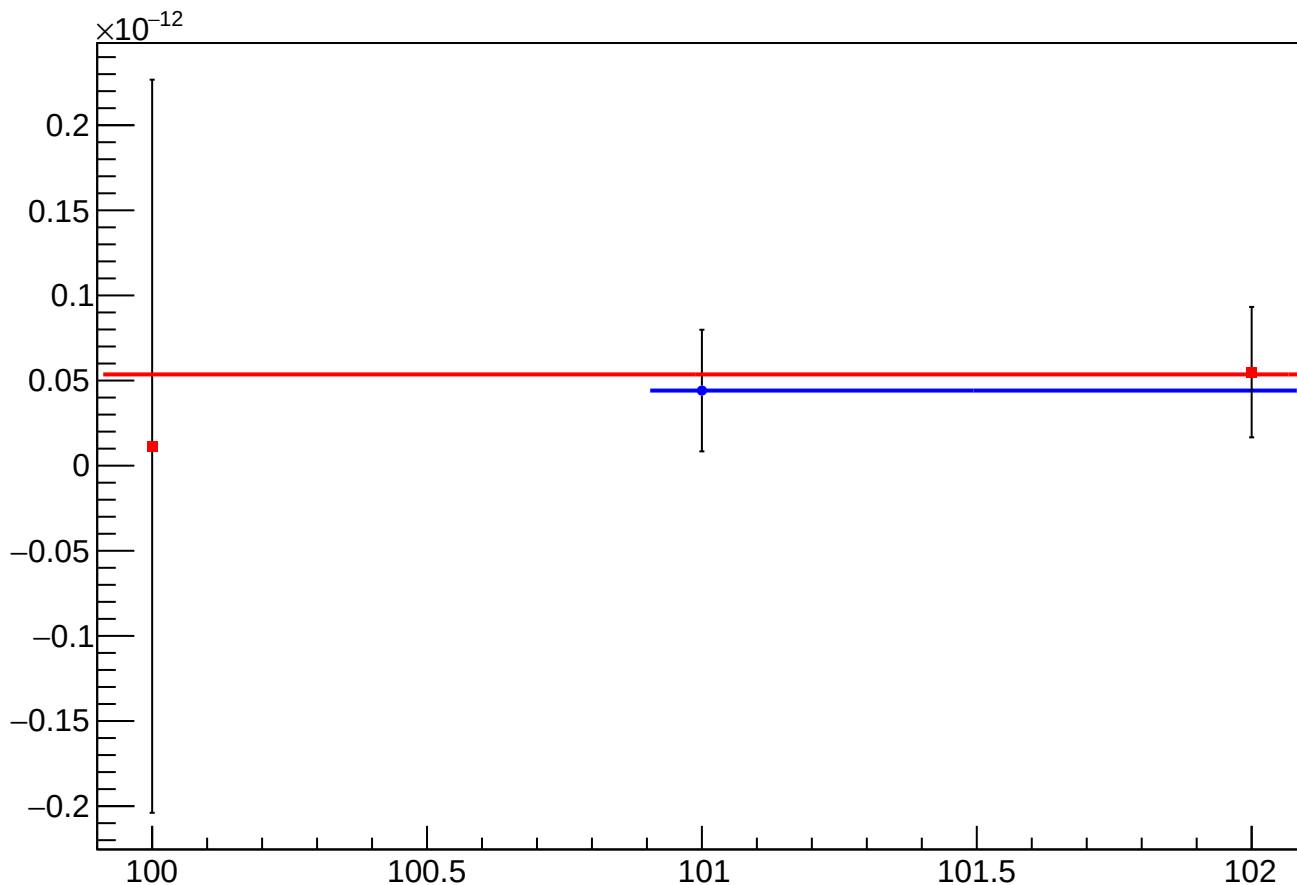
Right: 120.318+/-0.115 χ^2/NDF : 781122.7/2

In: 109.125+/-0.116 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.318+/-0.115 χ^2/NDF : 781122.7/2

asym_us_avg_at1lr_avg_avg_eigen_cor_vs_cor_diff_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 : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

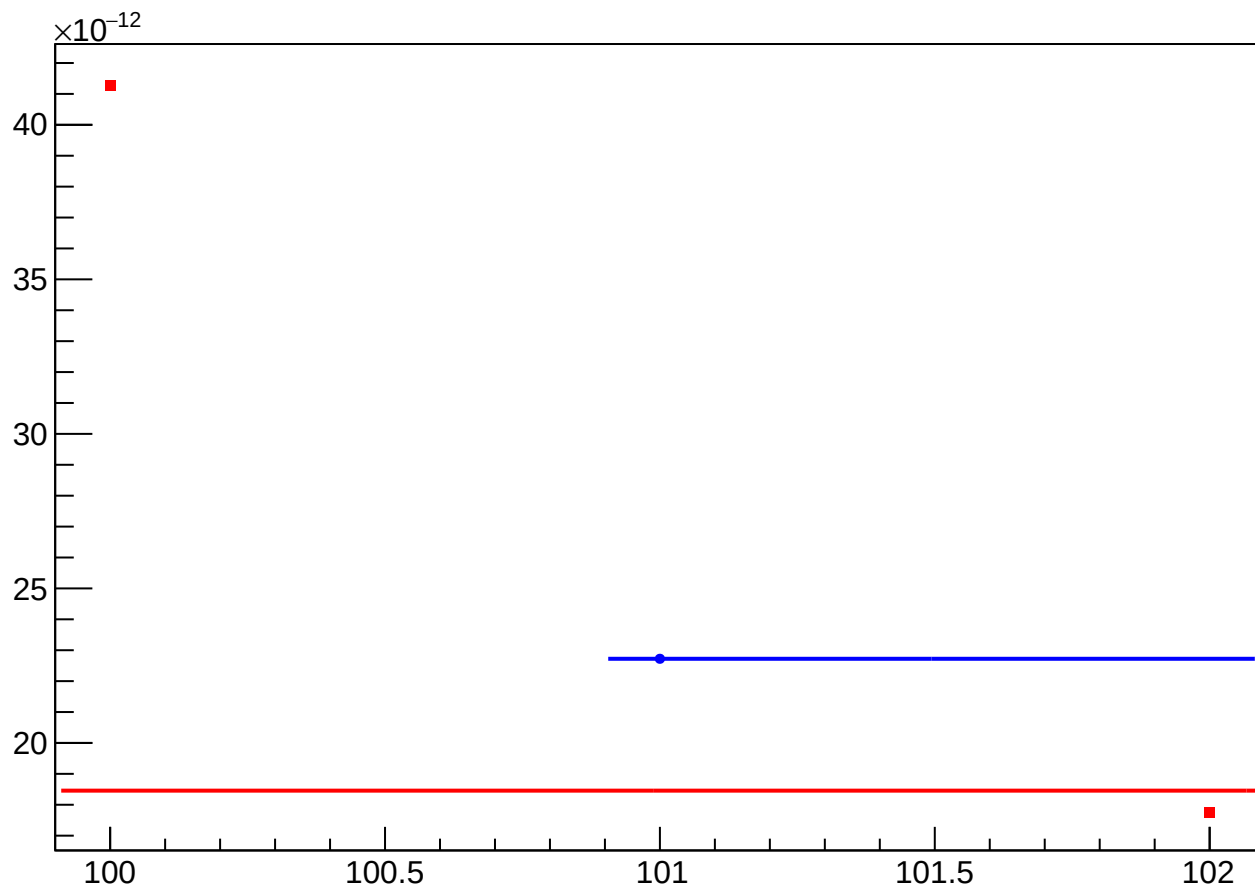
Right: 0.000+/-0.000 χ^2/NDF : 0.1/2

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 : 0.1/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 23172.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

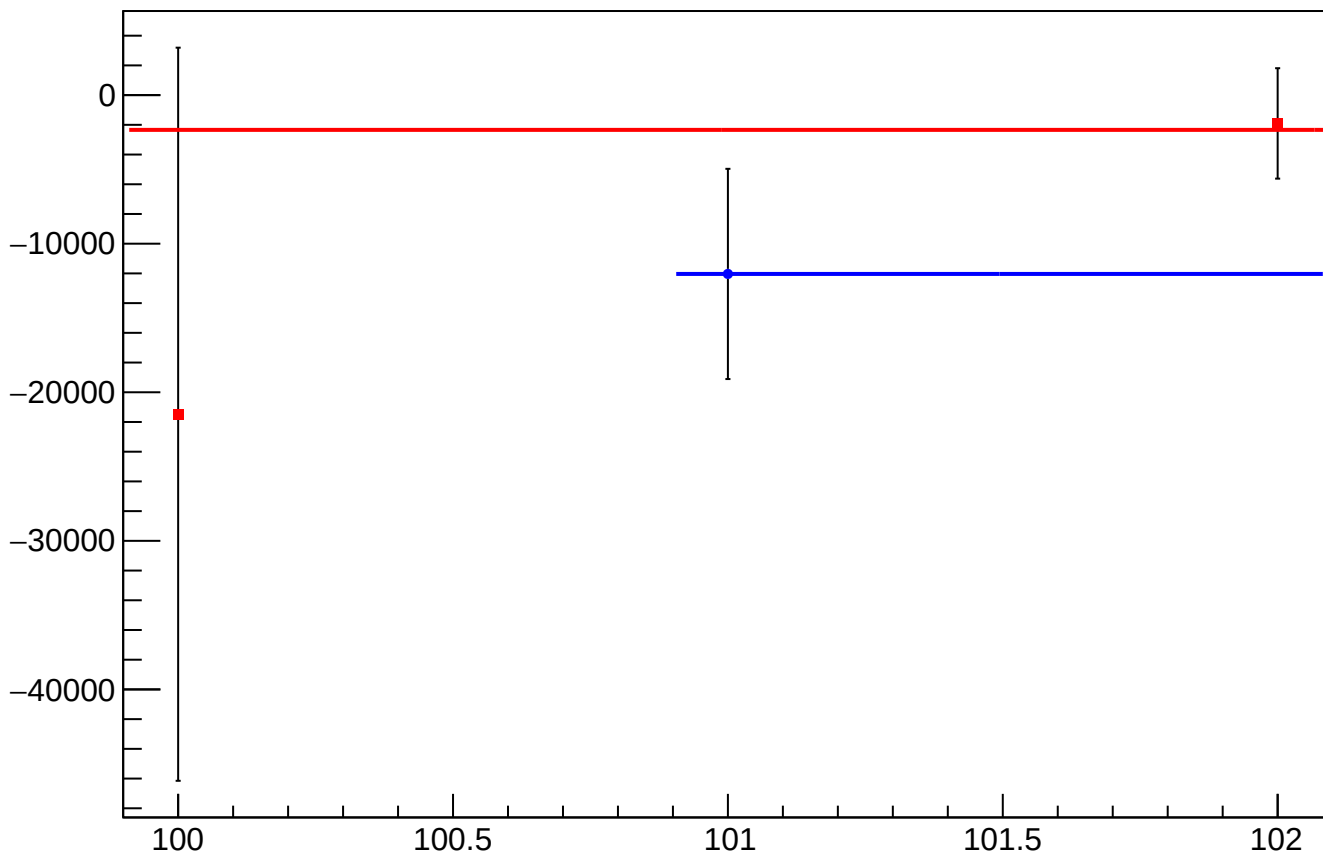
Right: 0.000+/-0.000 χ^2/NDF : 36661.3/2

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 : 36661.3/2

reg_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -12035.895+/-7074.113 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2339.739+/-3674.733 χ^2/NDF : 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

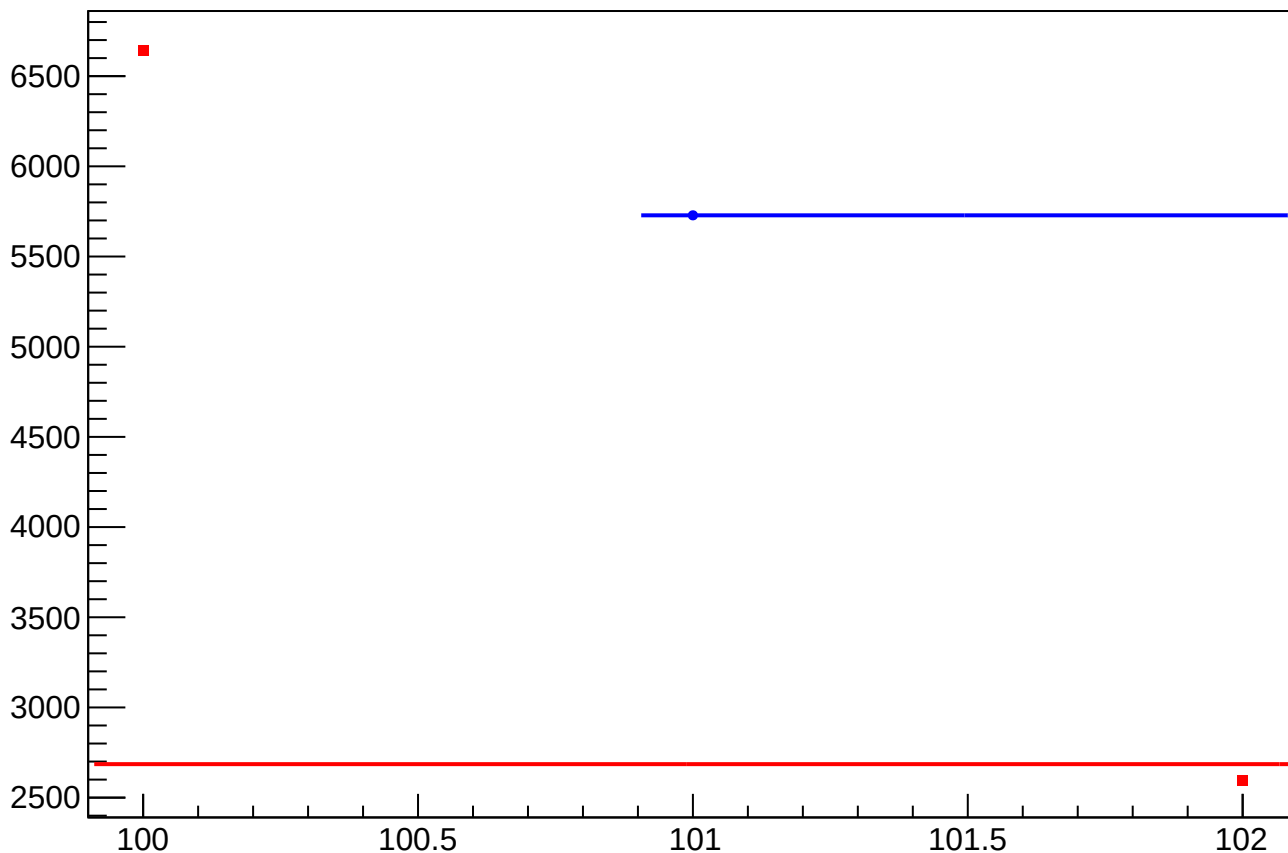
Right: -4400.170+/-3261.003 χ^2/NDF : 2.1/2

In: -12035.895+/-7074.113 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4400.170+/-3261.003 χ^2/NDF : 2.1/2

reg_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 5728.376 $\pm$ 5.002 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2685.696 $\pm$ 2.598 χ^2 /NDF: 52554.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

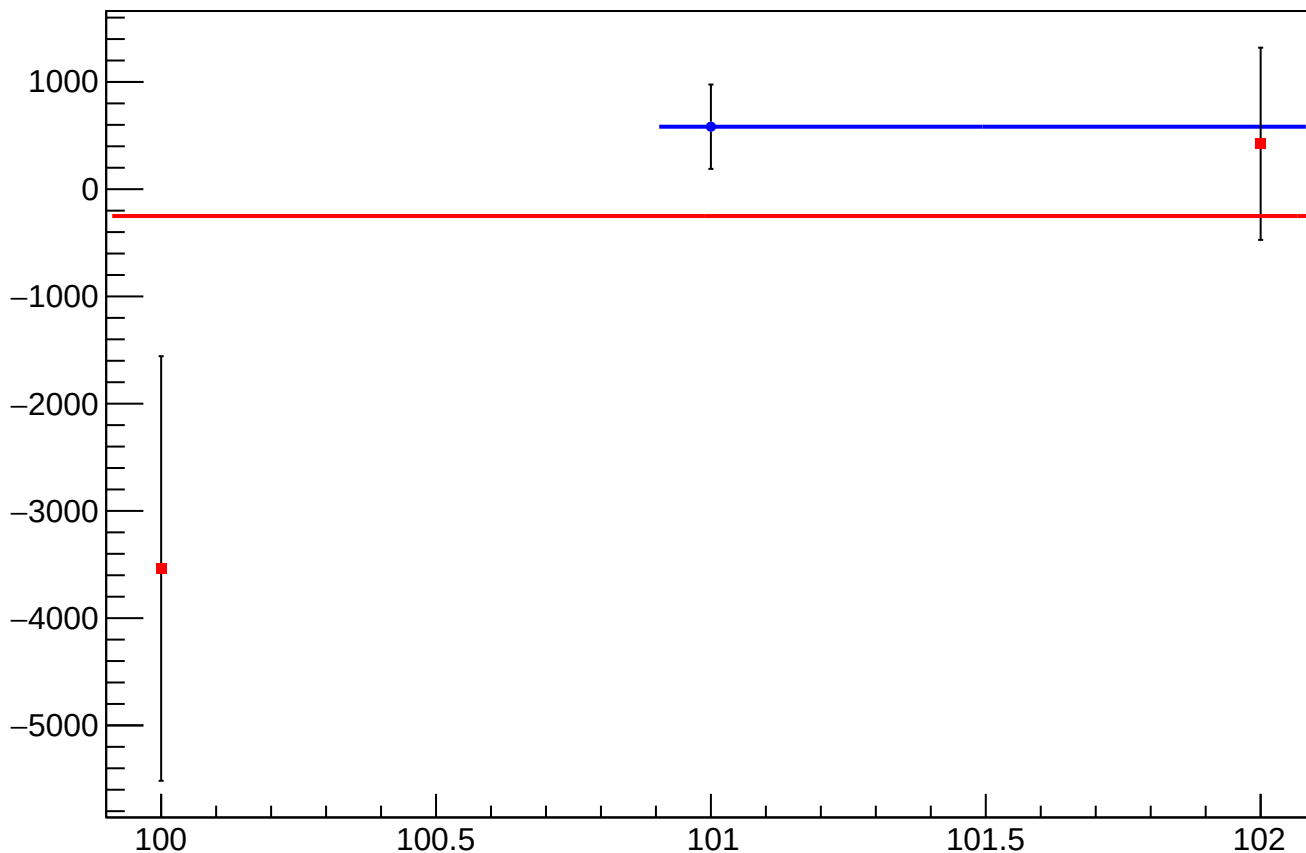
Right: 3332.197 $\pm$ 2.306 χ^2 /NDF: 343935.3/2

In: 5728.376 $\pm$ 5.002 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3332.197 $\pm$ 2.306 χ^2 /NDF: 343935.3/2

asym_us_avg_at1lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 582.700 $\pm$ 393.473 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -250.175 $\pm$ 816.472 χ^2 /NDF: 3.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

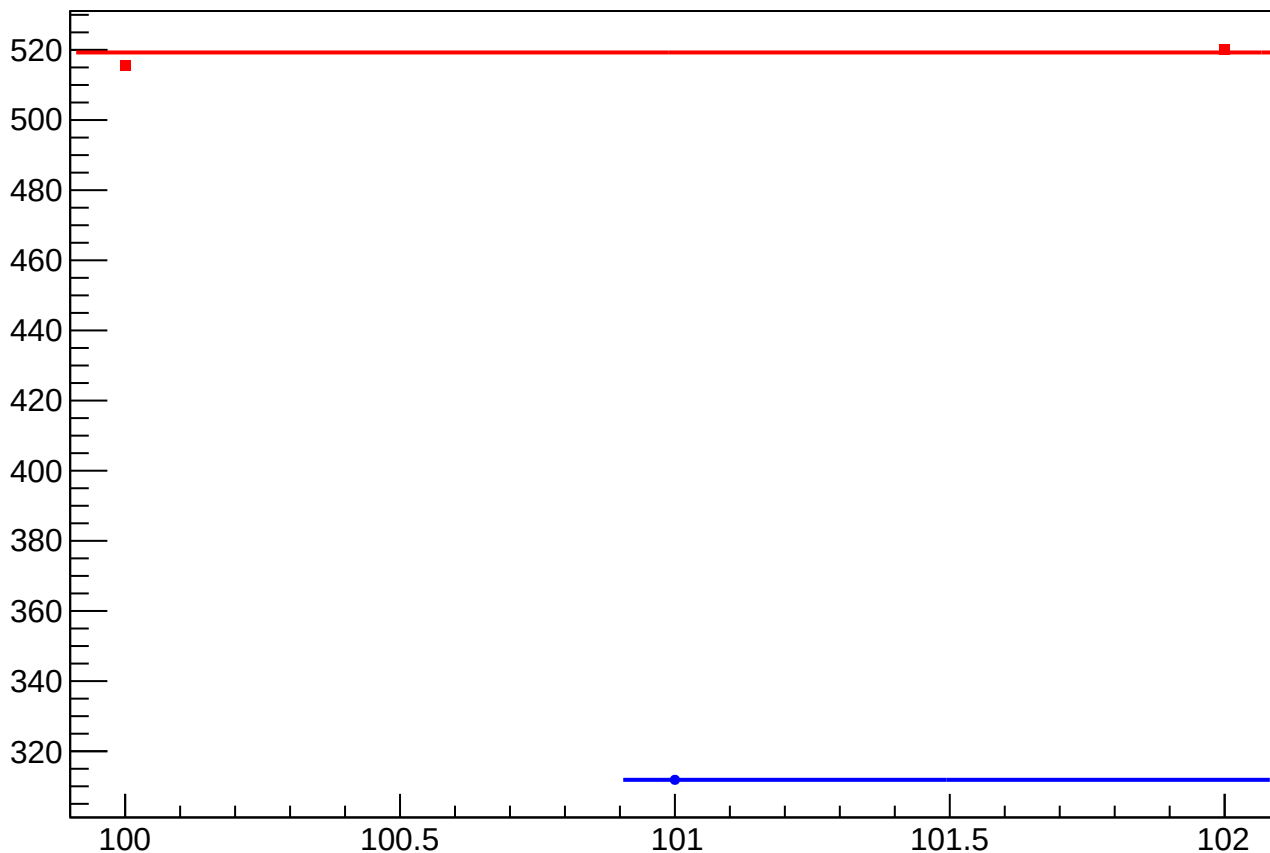
Right: 425.725 $\pm$ 354.459 χ^2 /NDF: 4.2/2

In: 582.700 $\pm$ 393.473 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 425.725 $\pm$ 354.459 χ^2 /NDF: 4.2/2

asym_us_avg_at1lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 311.849 $\pm$ 0.278 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 519.270 $\pm$ 0.577 χ^2 /NDF: 7.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

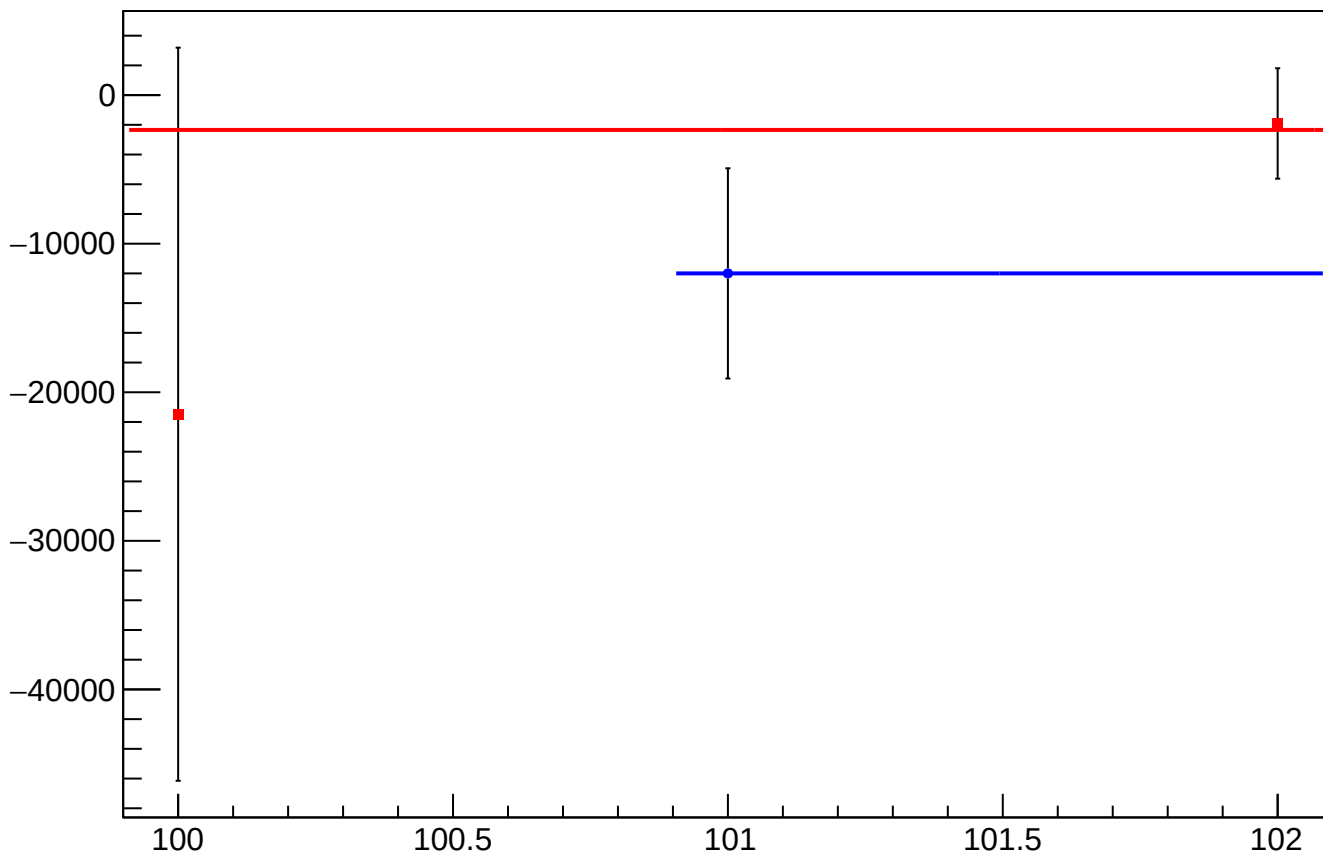
Right: 350.942 $\pm$ 0.251 χ^2 /NDF: 104758.3/2

In: 311.849 $\pm$ 0.278 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 350.942 $\pm$ 0.251 χ^2 /NDF: 104758.3/2

cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -11999.623+/-7074.143 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2342.908+/-3674.736 χ^2/NDF : 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

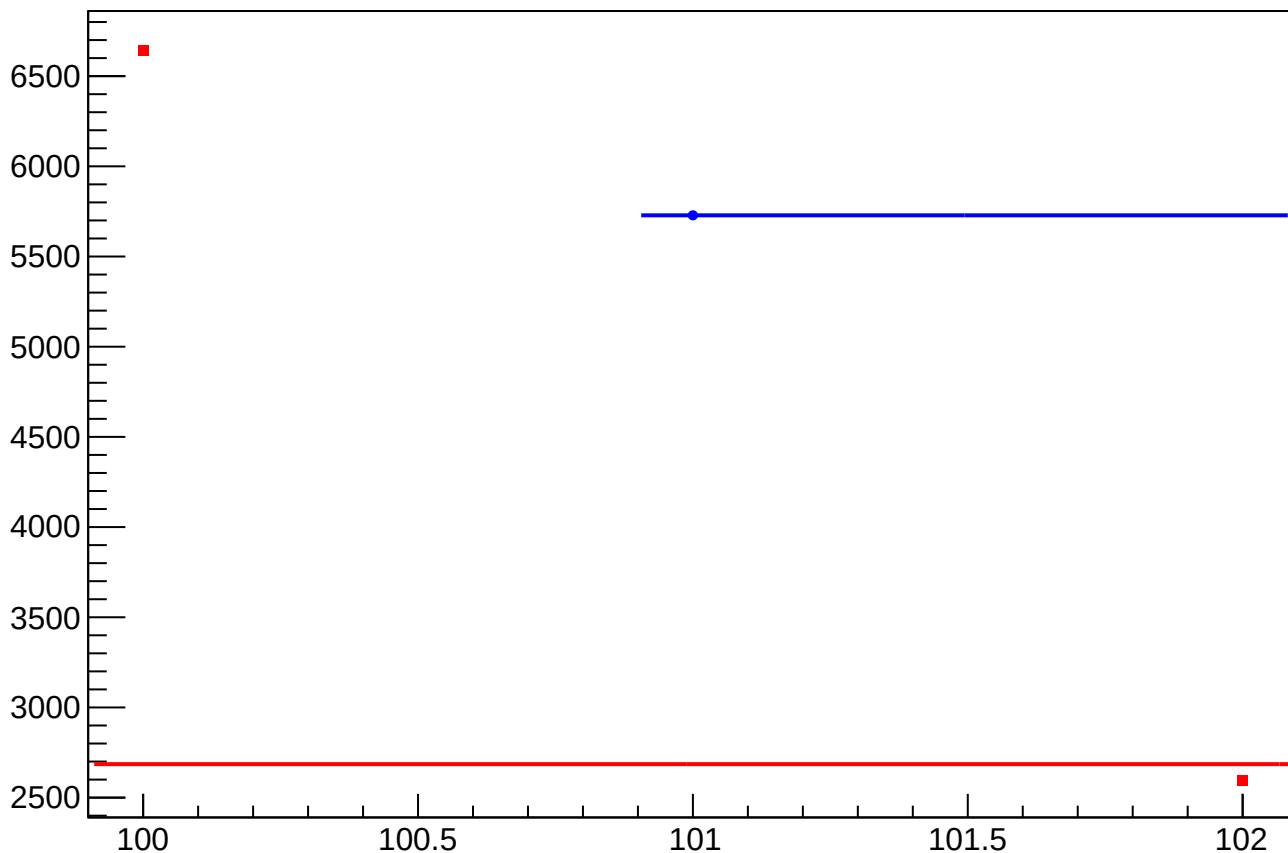
Right: -4394.946+/-3261.007 χ^2/NDF : 2.1/2

In: -11999.623+/-7074.143 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4394.946+/-3261.007 χ^2/NDF : 2.1/2

cor_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 5728.392 $\pm$ 5.002 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2685.691 $\pm$ 2.598 χ^2 /NDF: 52554.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

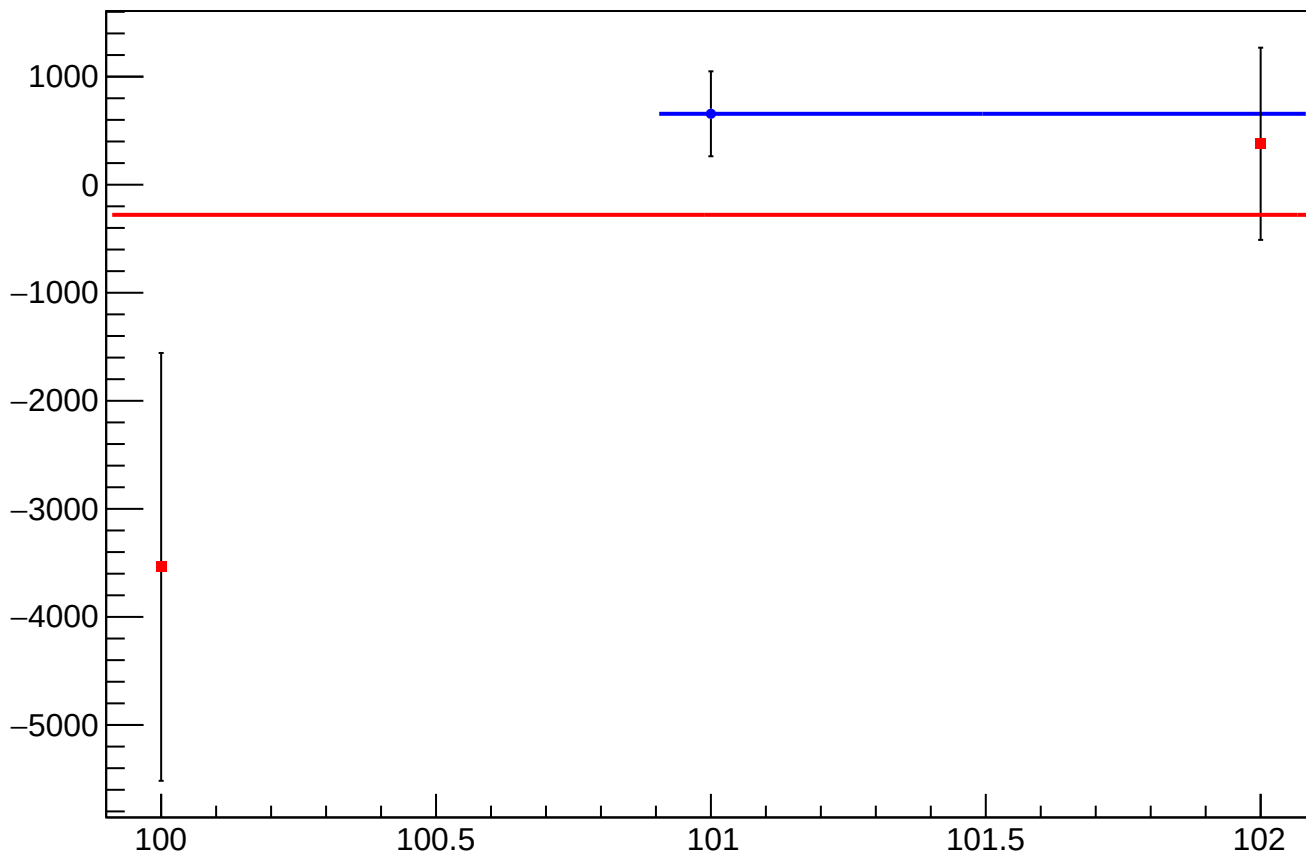
Right: 3332.192 $\pm$ 2.306 χ^2 /NDF: 343937.6/2

In: 5728.392 $\pm$ 5.002 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3332.192 $\pm$ 2.306 χ^2 /NDF: 343937.6/2

asym_us_avg_at1lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 656.246+/-393.038 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -278.868+/-811.316 χ^2/NDF : 3.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

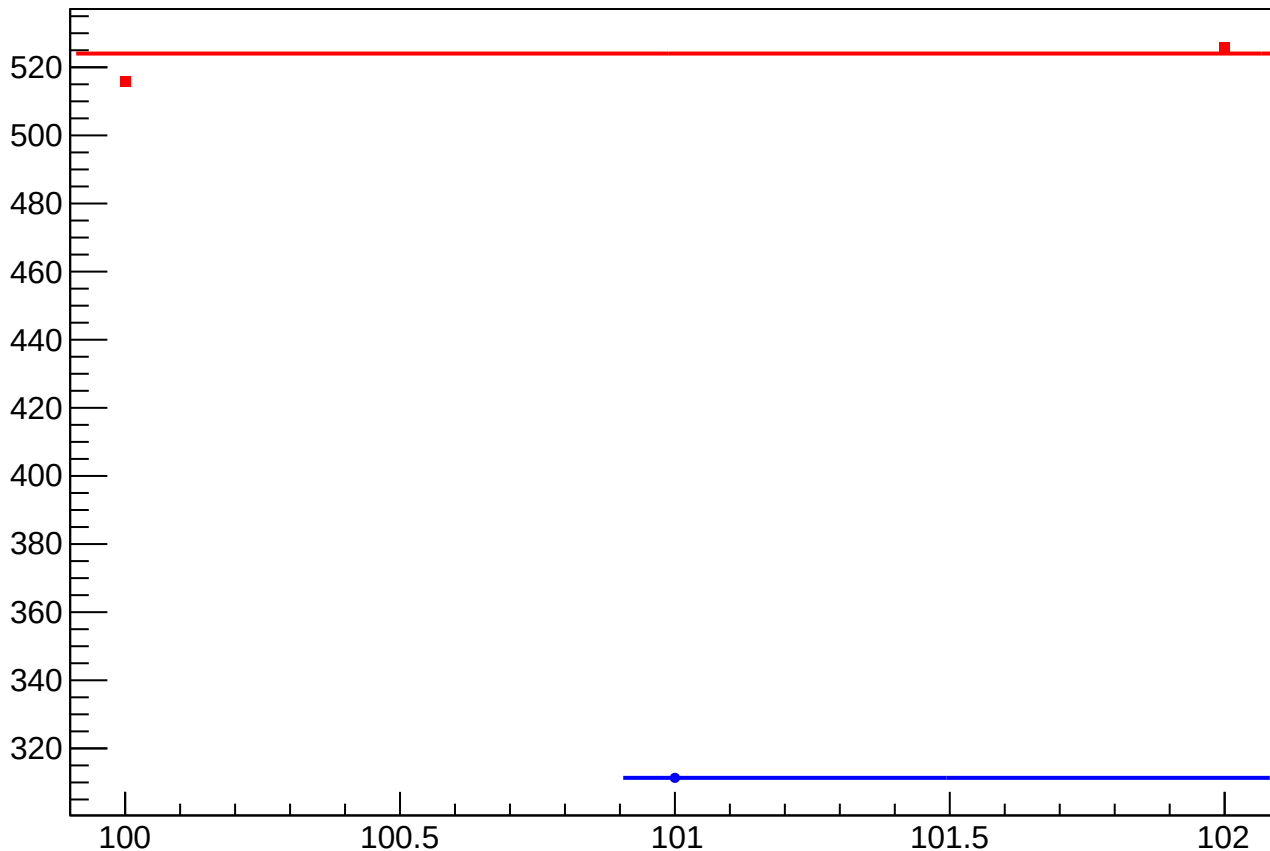
Right: 478.501+/-353.717 χ^2/NDF : 4.3/2

In: 656.246+/-393.038 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 478.501+/-353.717 χ^2/NDF : 4.3/2

asym_us_avg_at1lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 311.350 $\pm$ 0.278 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 524.032 $\pm$ 0.574 χ^2 /NDF: 42.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

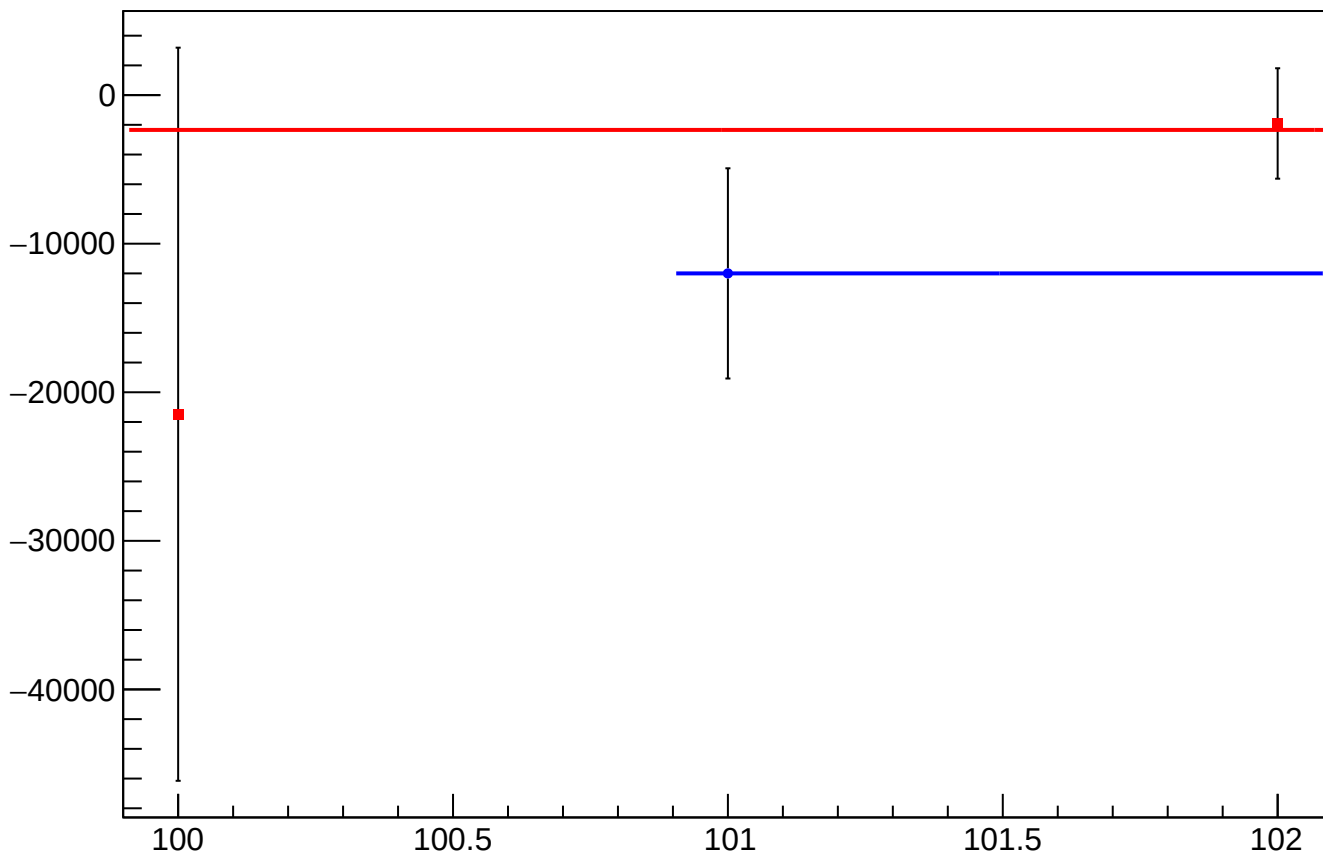
Right: 351.776 $\pm$ 0.250 χ^2 /NDF: 111358.1/2

In: 311.350 $\pm$ 0.278 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 351.776 $\pm$ 0.250 χ^2 /NDF: 111358.1/2

eigen_cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -11999.623+/-7074.143 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2342.908+/-3674.736 χ^2/NDF : 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

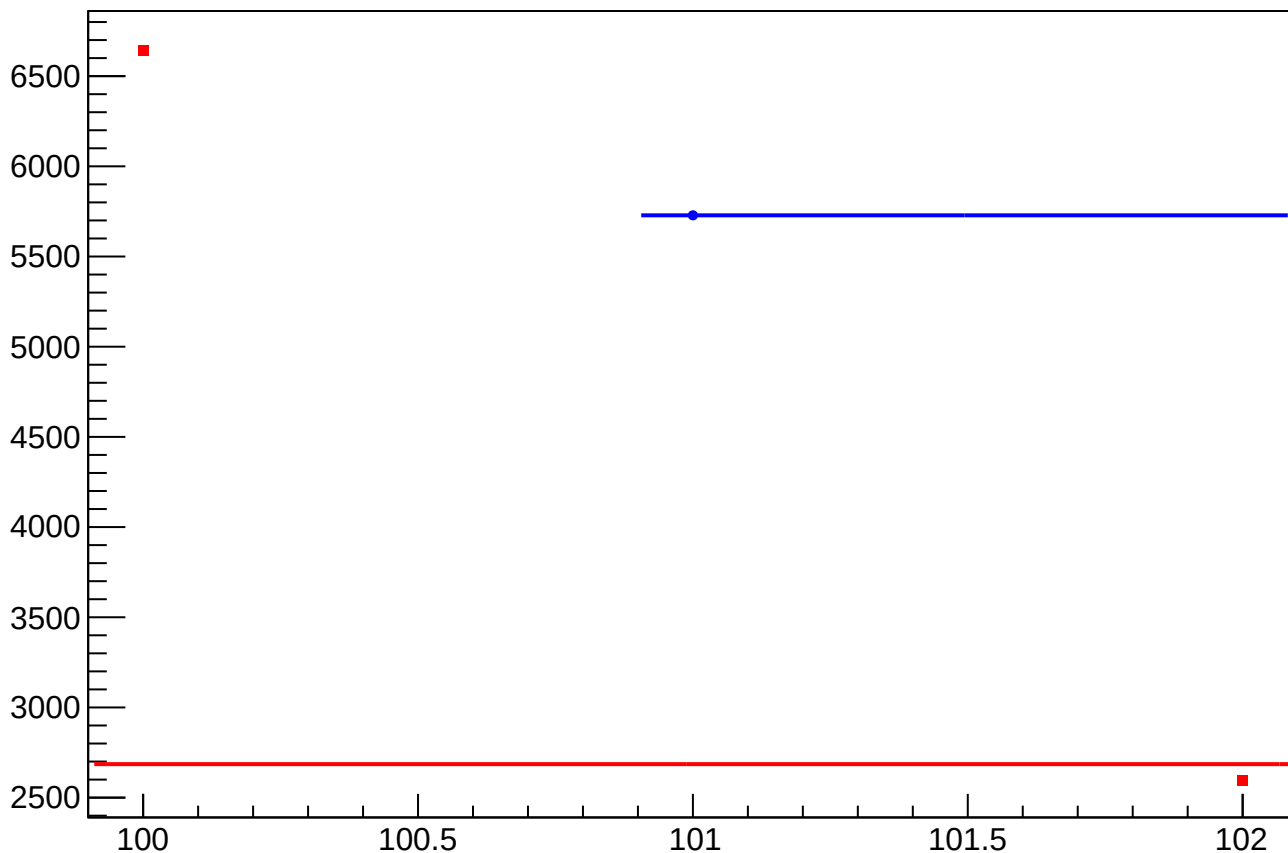
Right: -4394.946+/-3261.007 χ^2/NDF : 2.1/2

In: -11999.623+/-7074.143 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4394.946+/-3261.007 χ^2/NDF : 2.1/2

eigen_cor_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 5728.392 $\pm$ 5.002 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2685.691 $\pm$ 2.598 χ^2 /NDF: 52554.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

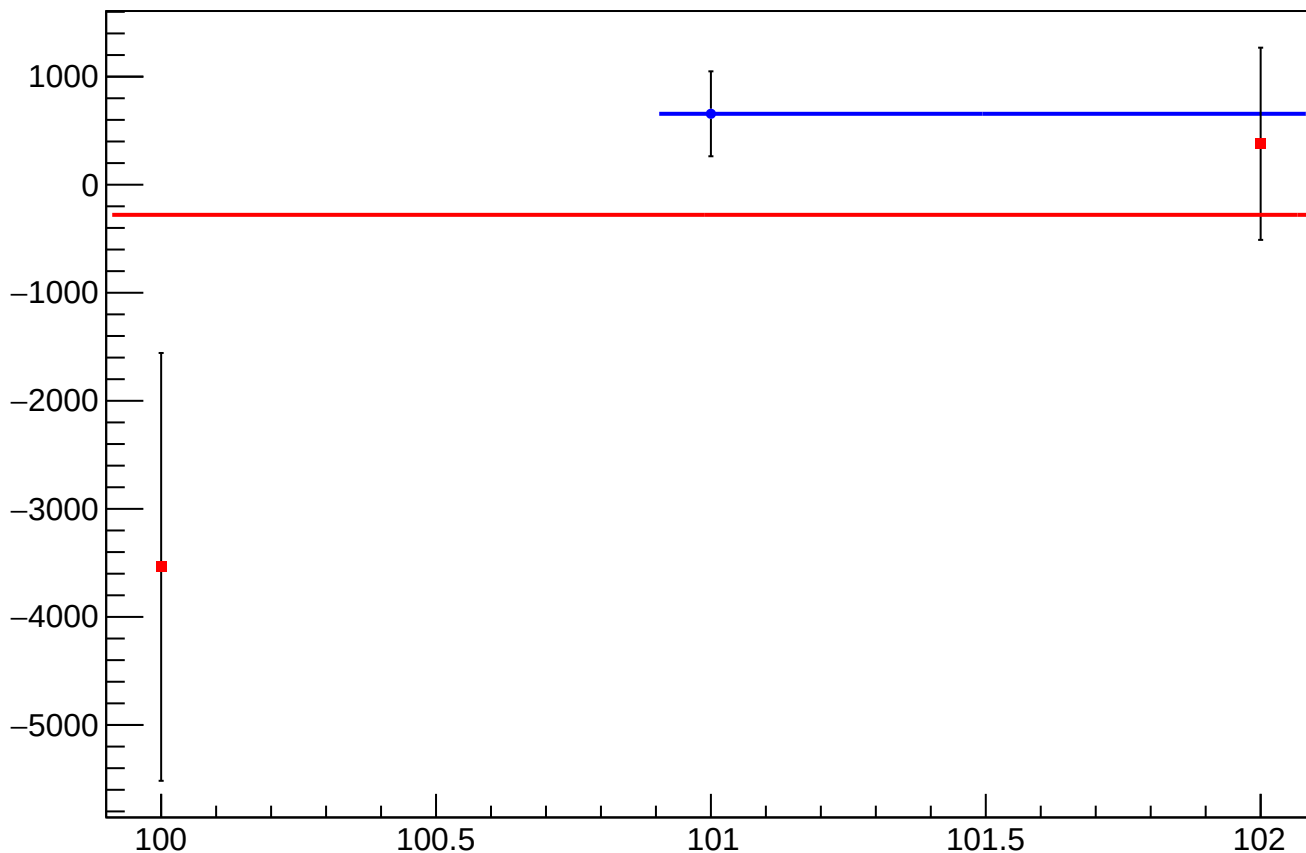
Right: 3332.192 $\pm$ 2.306 χ^2 /NDF: 343937.6/2

In: 5728.392 $\pm$ 5.002 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3332.192 $\pm$ 2.306 χ^2 /NDF: 343937.6/2

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 656.246+/-393.038 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -278.868+/-811.316 χ^2/NDF : 3.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

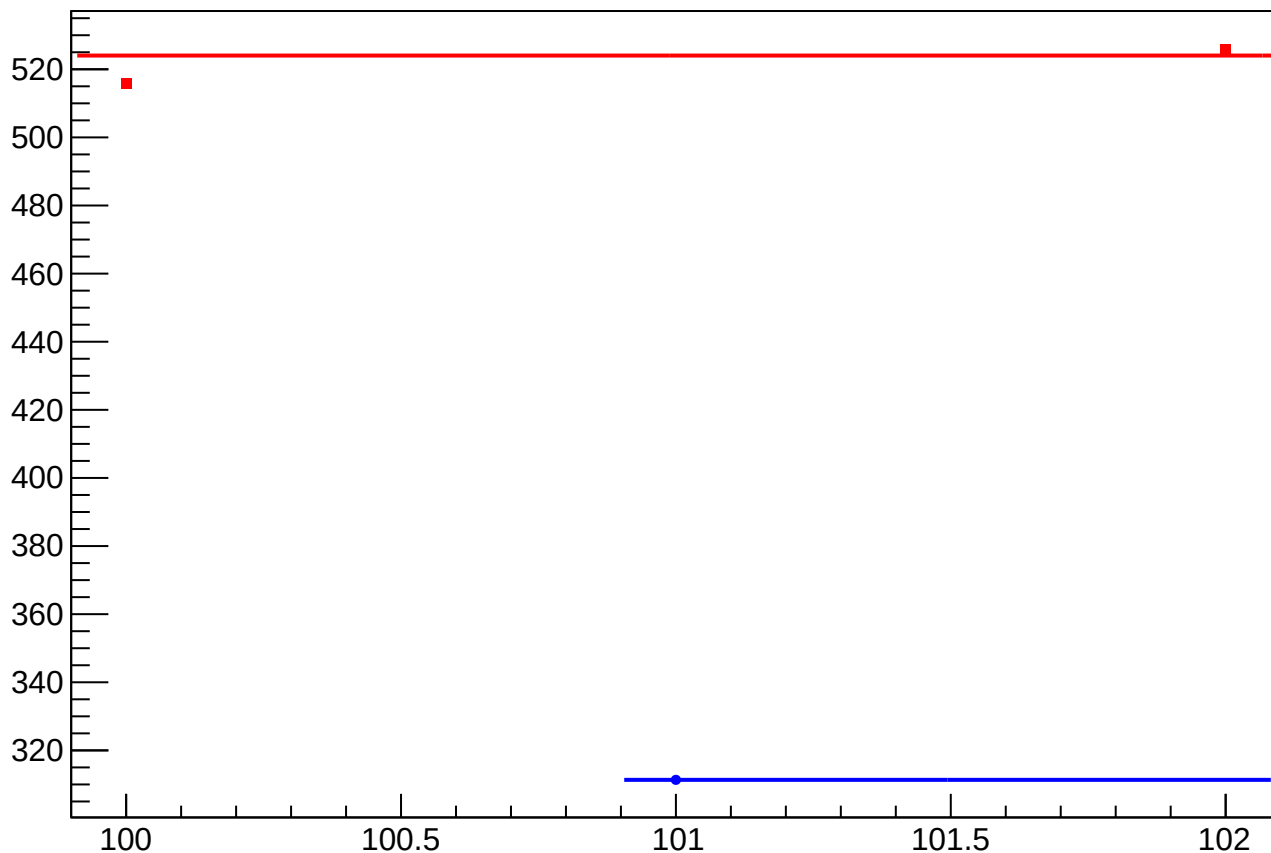
Right: 478.501+/-353.717 χ^2/NDF : 4.3/2

In: 656.246+/-393.038 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 478.501+/-353.717 χ^2/NDF : 4.3/2

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 311.350 $\pm$ 0.278 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 524.032 $\pm$ 0.574 χ^2 /NDF: 42.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

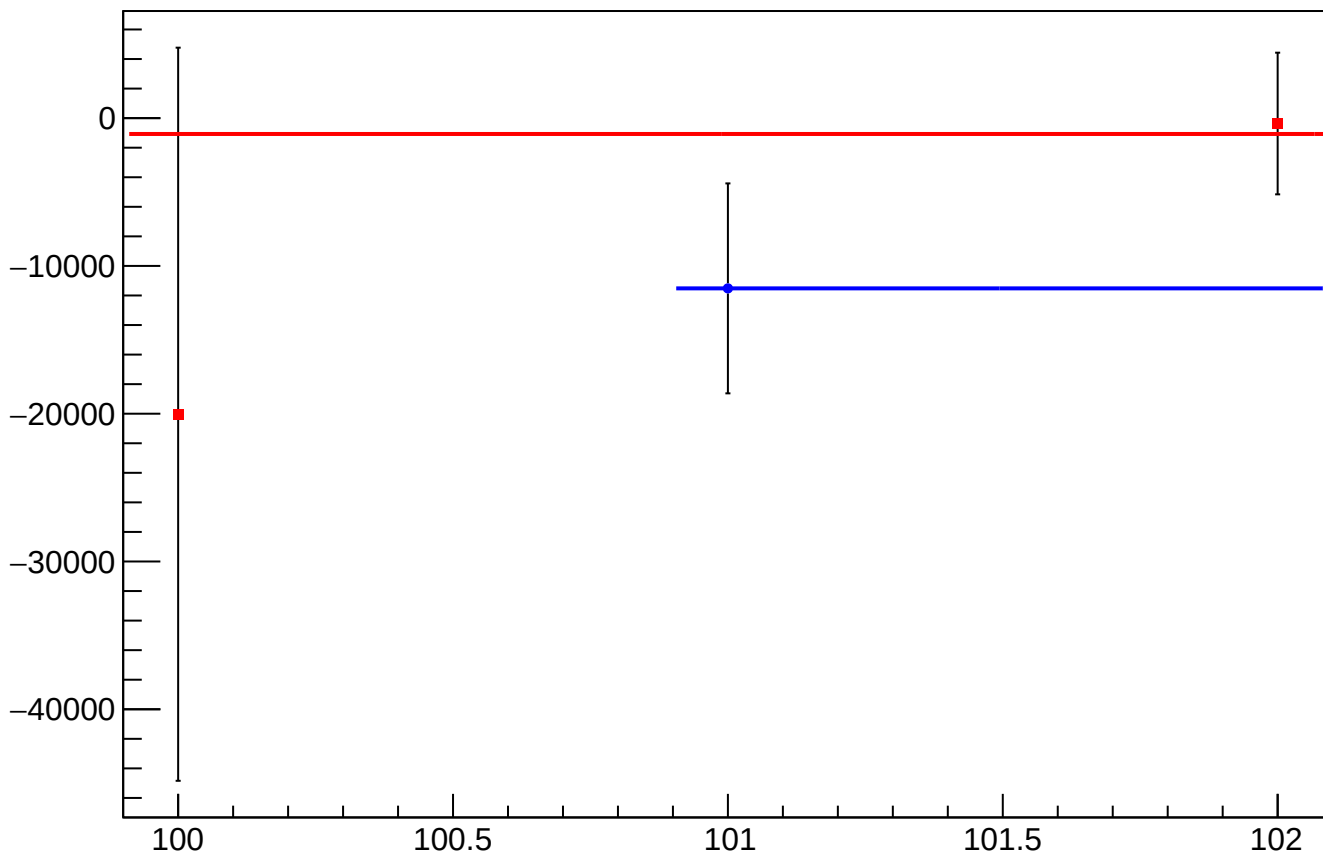
Right: 351.776 $\pm$ 0.250 χ^2 /NDF: 111358.1/2

In: 311.350 $\pm$ 0.278 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 351.776 $\pm$ 0.250 χ^2 /NDF: 111358.1/2

dit_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -11519.385+/-7103.153 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1071.784+/-4705.656 χ^2/NDF : 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

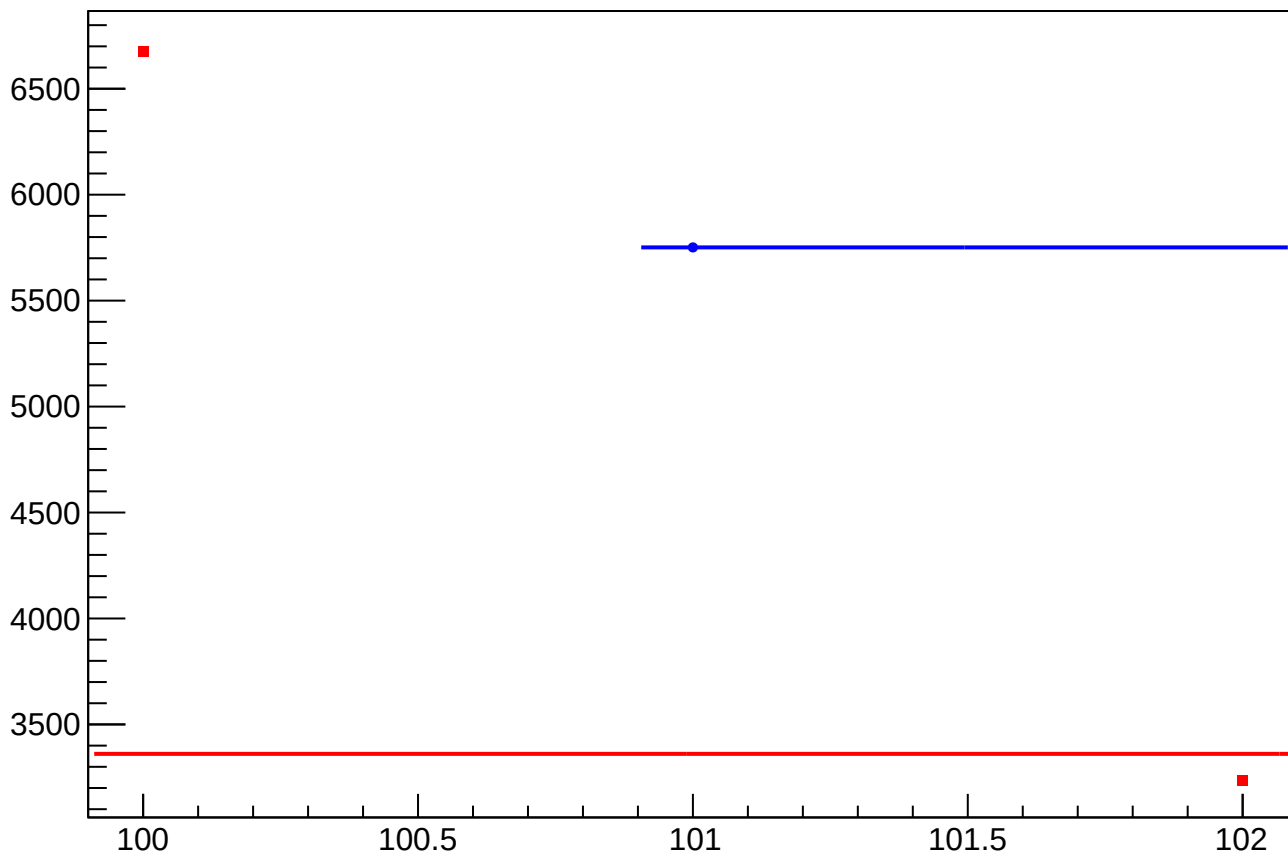
Right: -4258.420+/-3922.917 χ^2/NDF : 2.1/2

In: -11519.385+/-7103.153 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4258.420+/-3922.917 χ^2/NDF : 2.1/2

dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 5751.211+/-5.023 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3361.118+/-3.327 χ^2/NDF : 37059.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

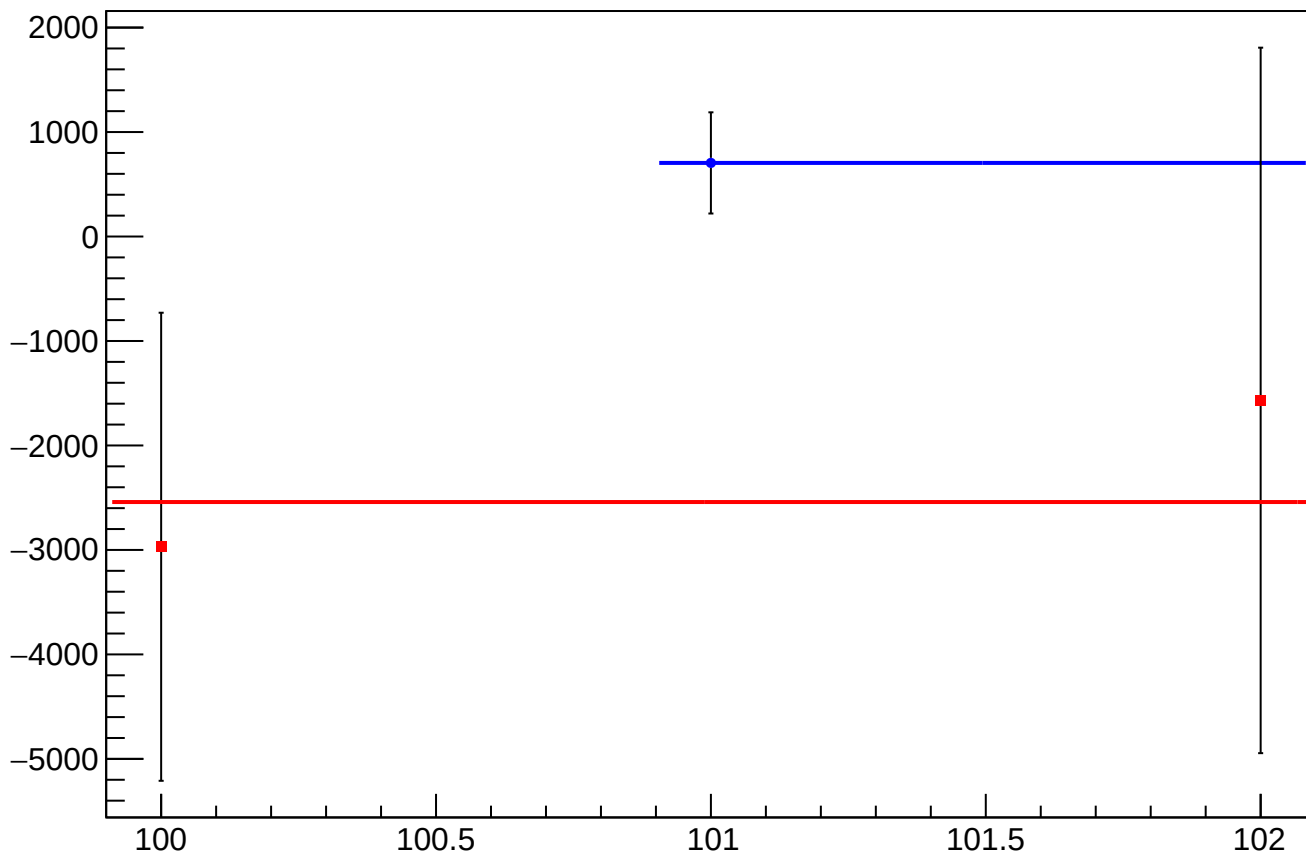
Right: 4090.014+/-2.774 χ^2/NDF : 194444.4/2

In: 5751.211+/-5.023 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4090.014+/-2.774 χ^2/NDF : 194444.4/2

asym_us_avg_at1lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 704.529+/-484.254 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2541.459+/-1866.674 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

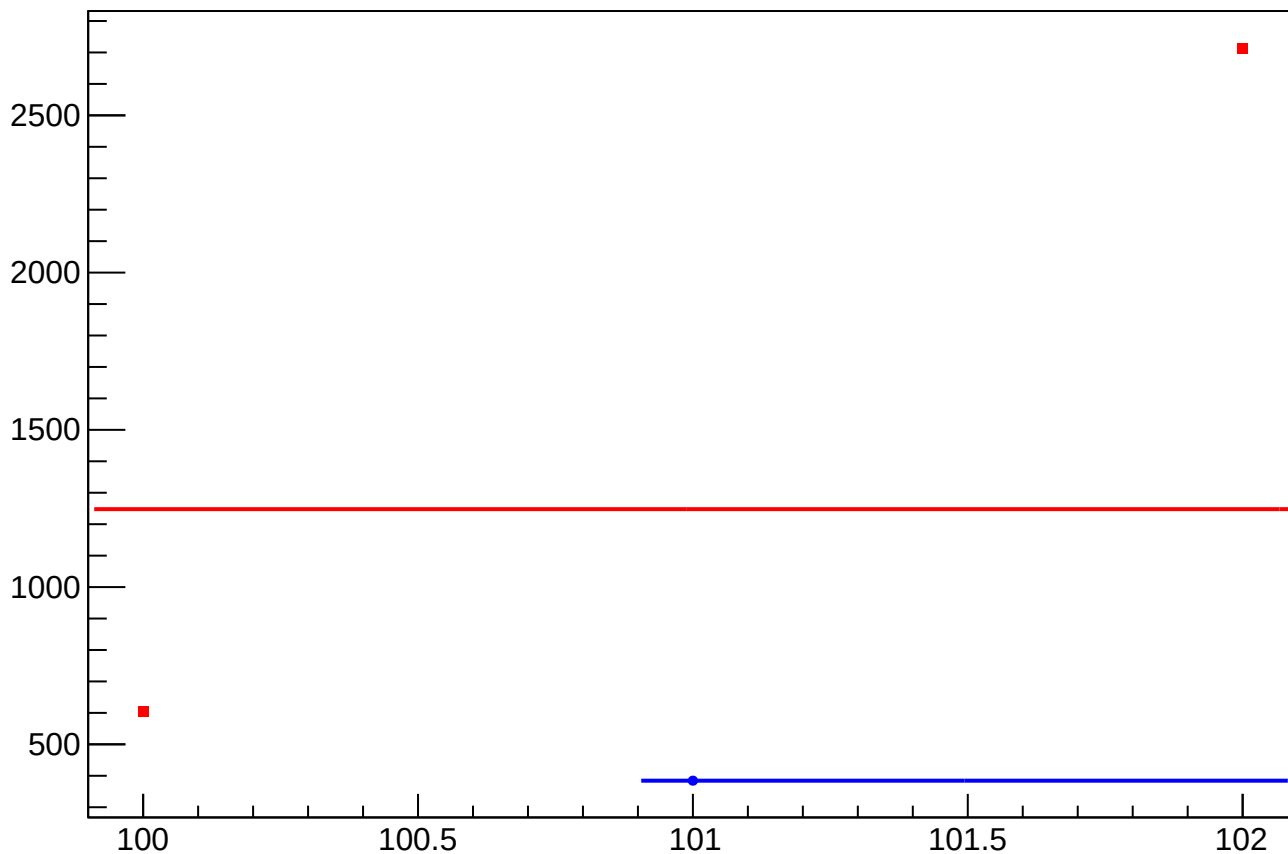
Right: 499.852+/-468.738 χ^2/NDF : 3.0/2

In: 704.529+/-484.254 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 499.852+/-468.738 χ^2/NDF : 3.0/2

asym_us_avg_at1lr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 384.383+/-0.342 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1247.844+/-1.320 χ^2/NDF : 542262.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

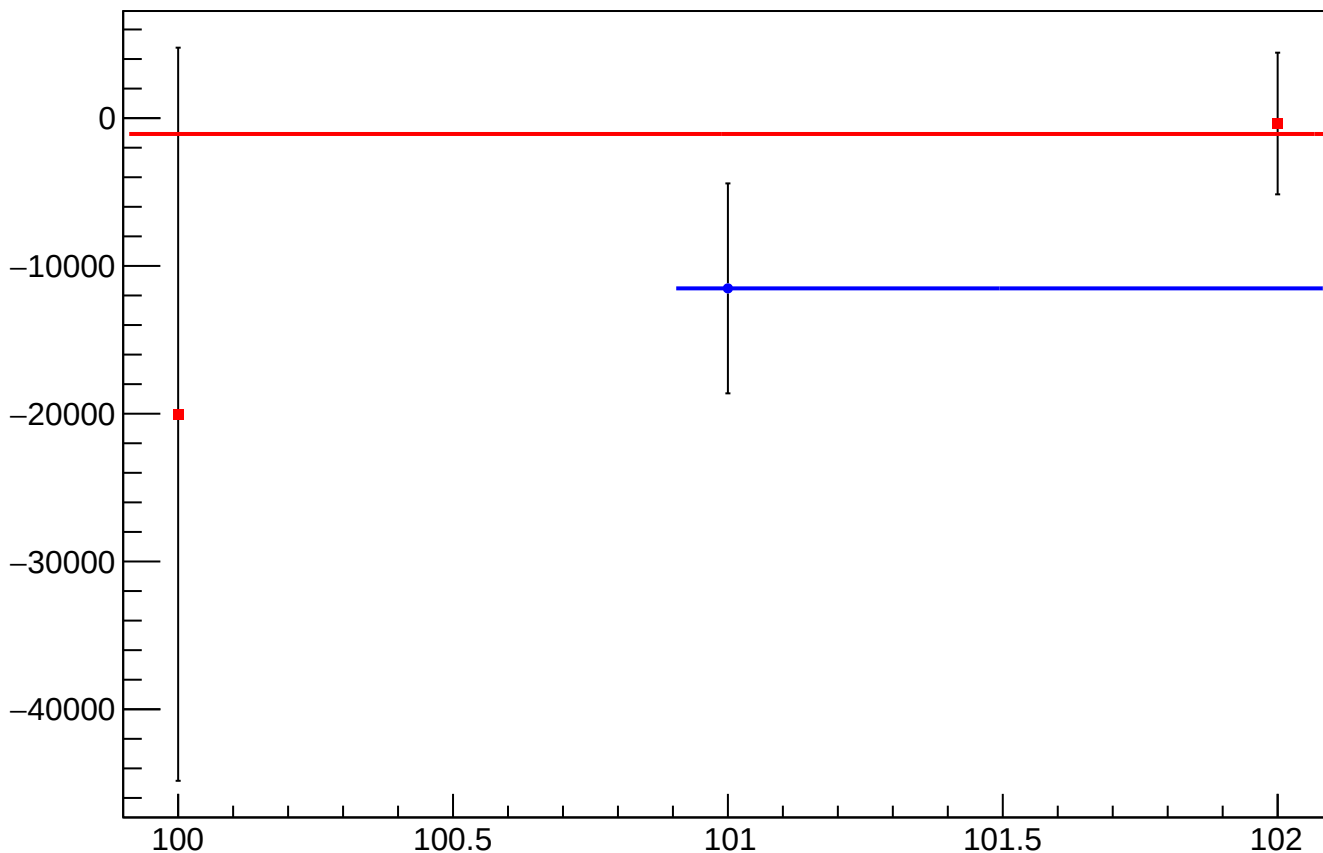
Right: 438.829+/-0.331 χ^2/NDF : 943214.5/2

In: 384.383+/-0.342 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 438.829+/-0.331 χ^2/NDF : 943214.5/2

eigen_dit_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -11519.384+/-7103.153 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1071.761+/-4705.653 χ^2/NDF : 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

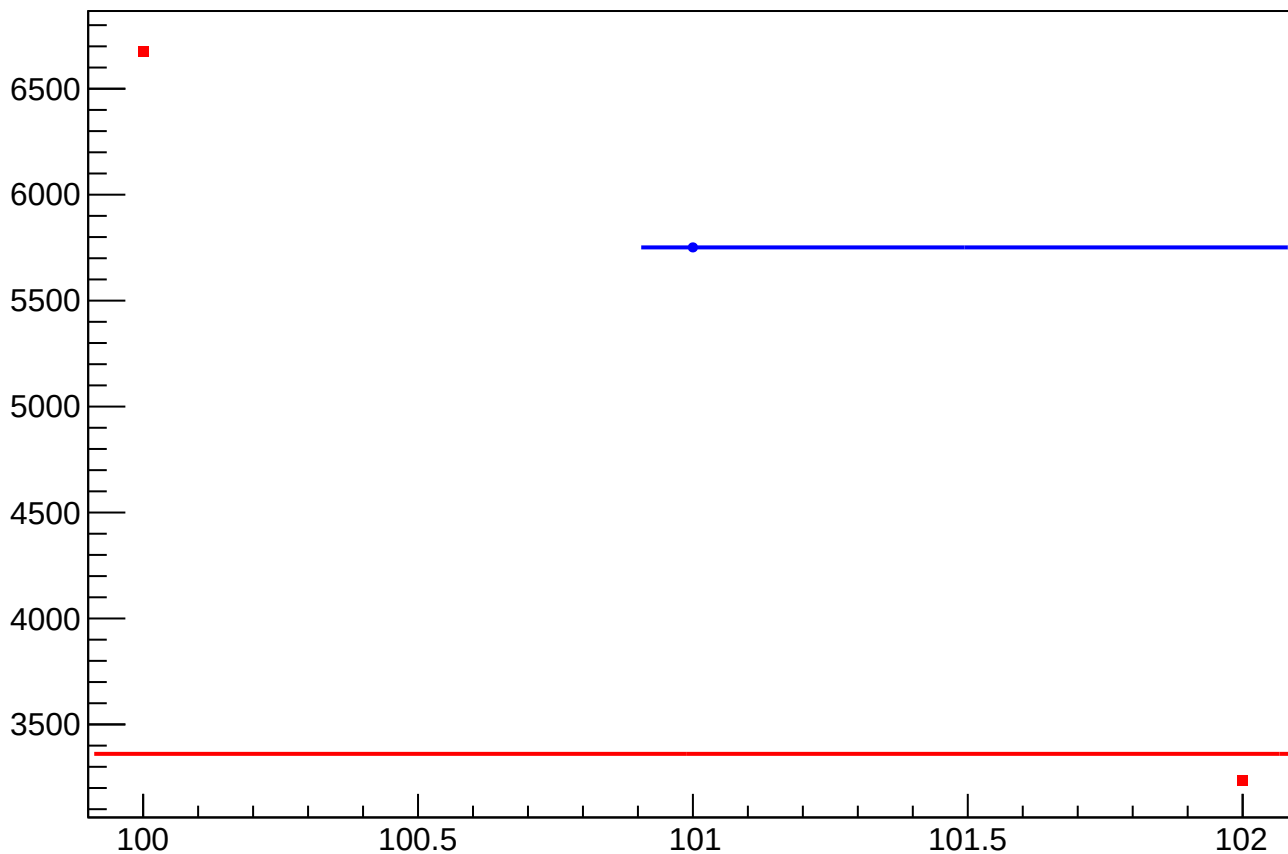
Right: -4258.400+/-3922.915 χ^2/NDF : 2.1/2

In: -11519.384+/-7103.153 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4258.400+/-3922.915 χ^2/NDF : 2.1/2

eigen_dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 5751.211+/-5.023 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3361.114+/-3.327 χ^2/NDF : 37059.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

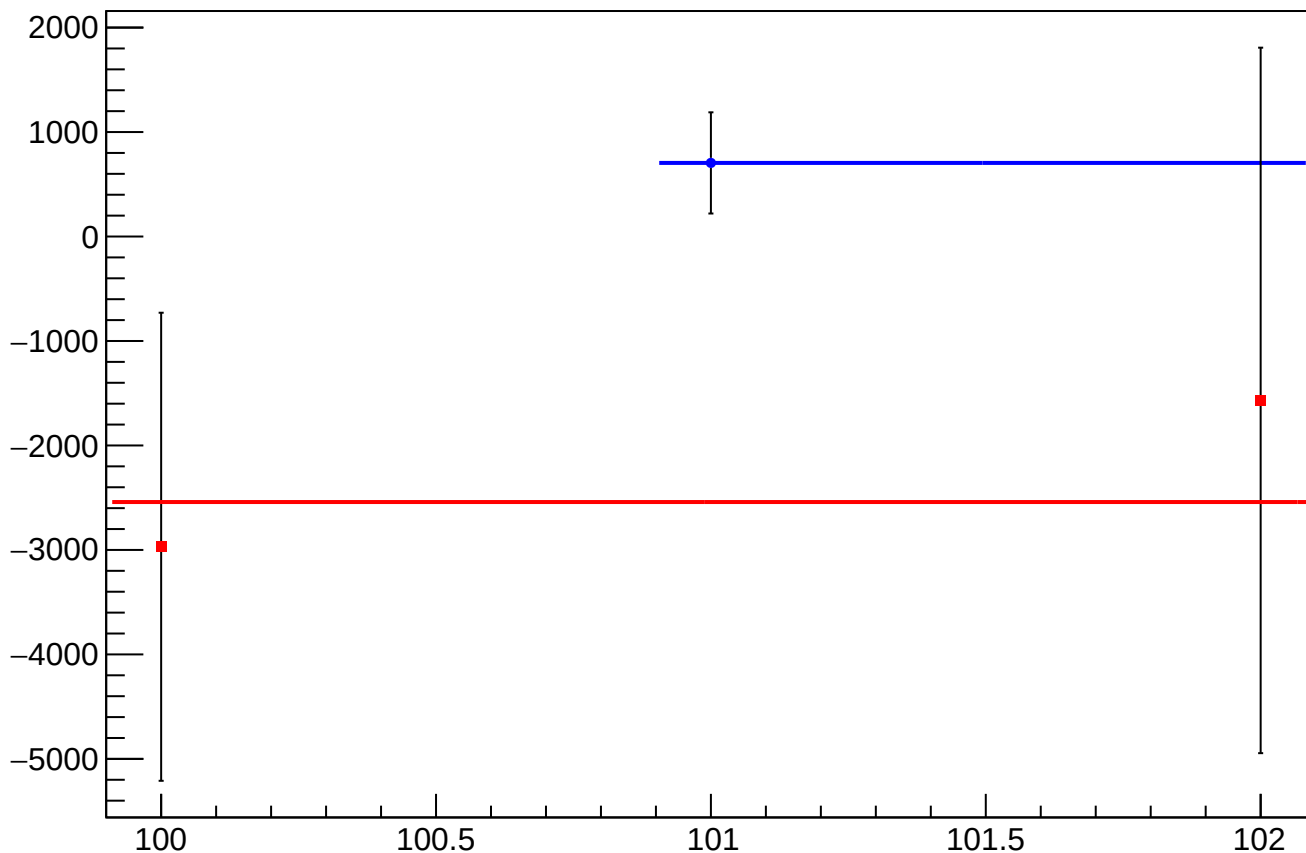
Right: 4090.011+/-2.774 χ^2/NDF : 194445.0/2

In: 5751.211+/-5.023 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4090.011+/-2.774 χ^2/NDF : 194445.0/2

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 704.529+/-484.254 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2541.461+/-1866.675 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

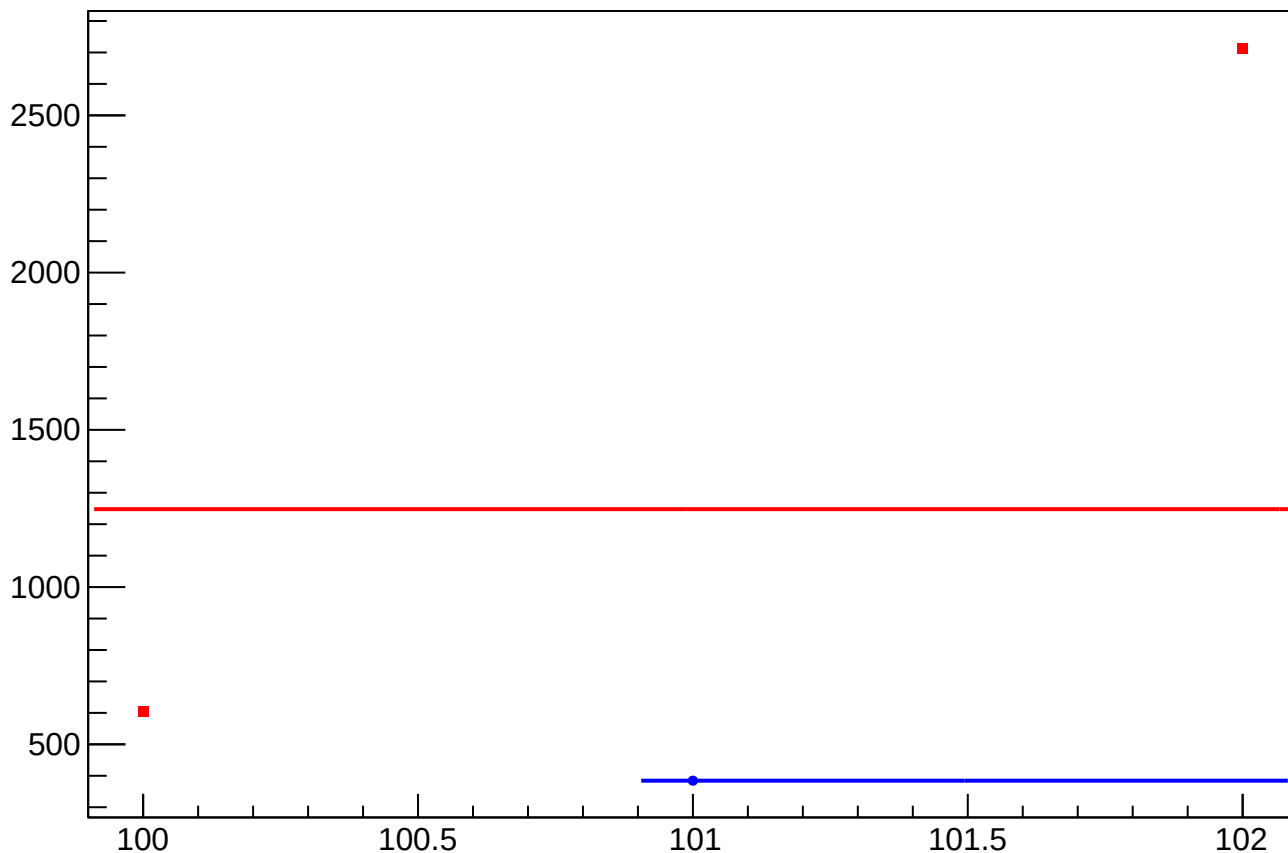
Right: 499.852+/-468.738 χ^2/NDF : 3.0/2

In: 704.529+/-484.254 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 499.852+/-468.738 χ^2/NDF : 3.0/2

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 384.383+/-0.342 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1247.845+/-1.320 χ^2/NDF : 542262.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

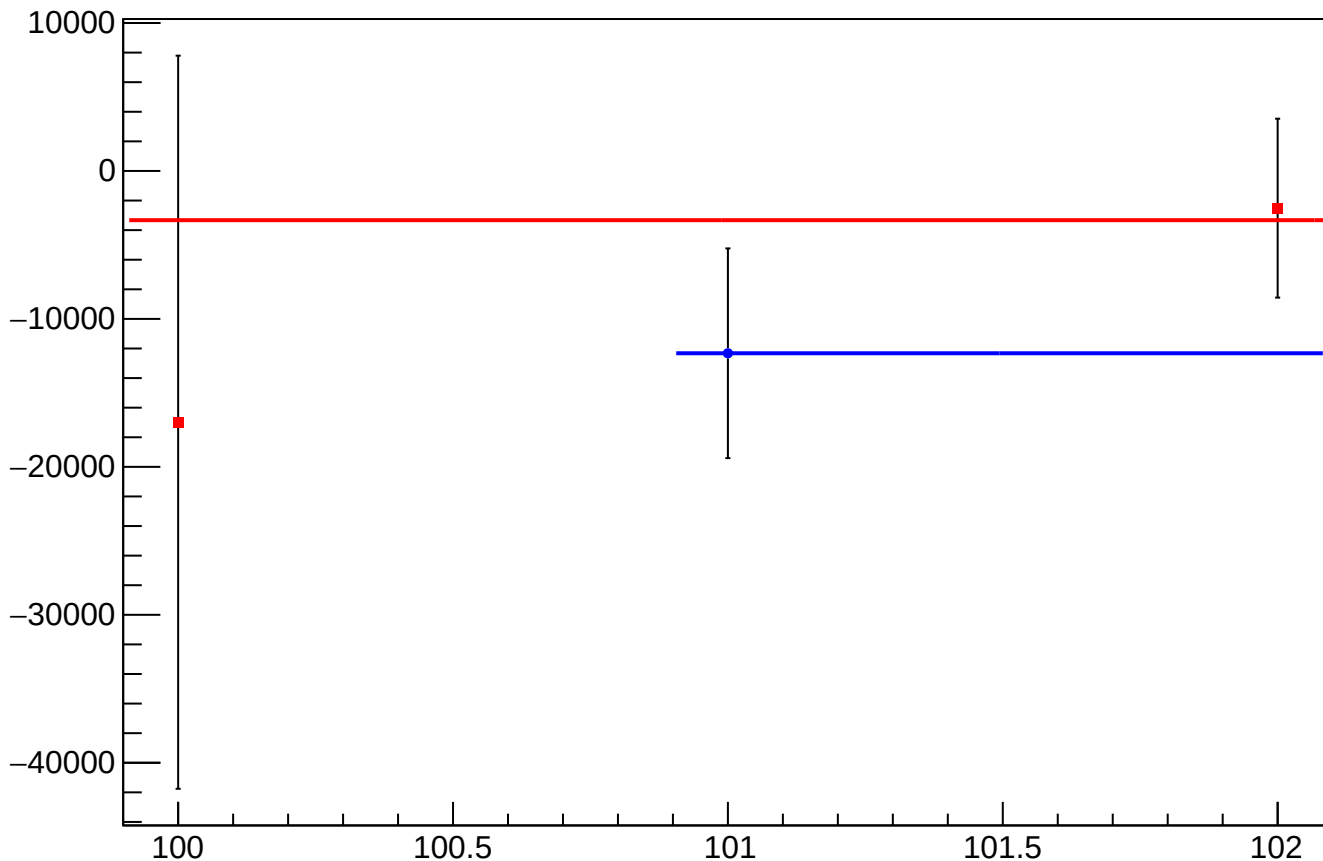
Right: 438.829+/-0.331 χ^2/NDF : 943214.6/2

In: 384.383+/-0.342 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 438.829+/-0.331 χ^2/NDF : 943214.6/2

asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -12322.201+/-7087.212 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3328.014+/-5873.546 χ^2/NDF : 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

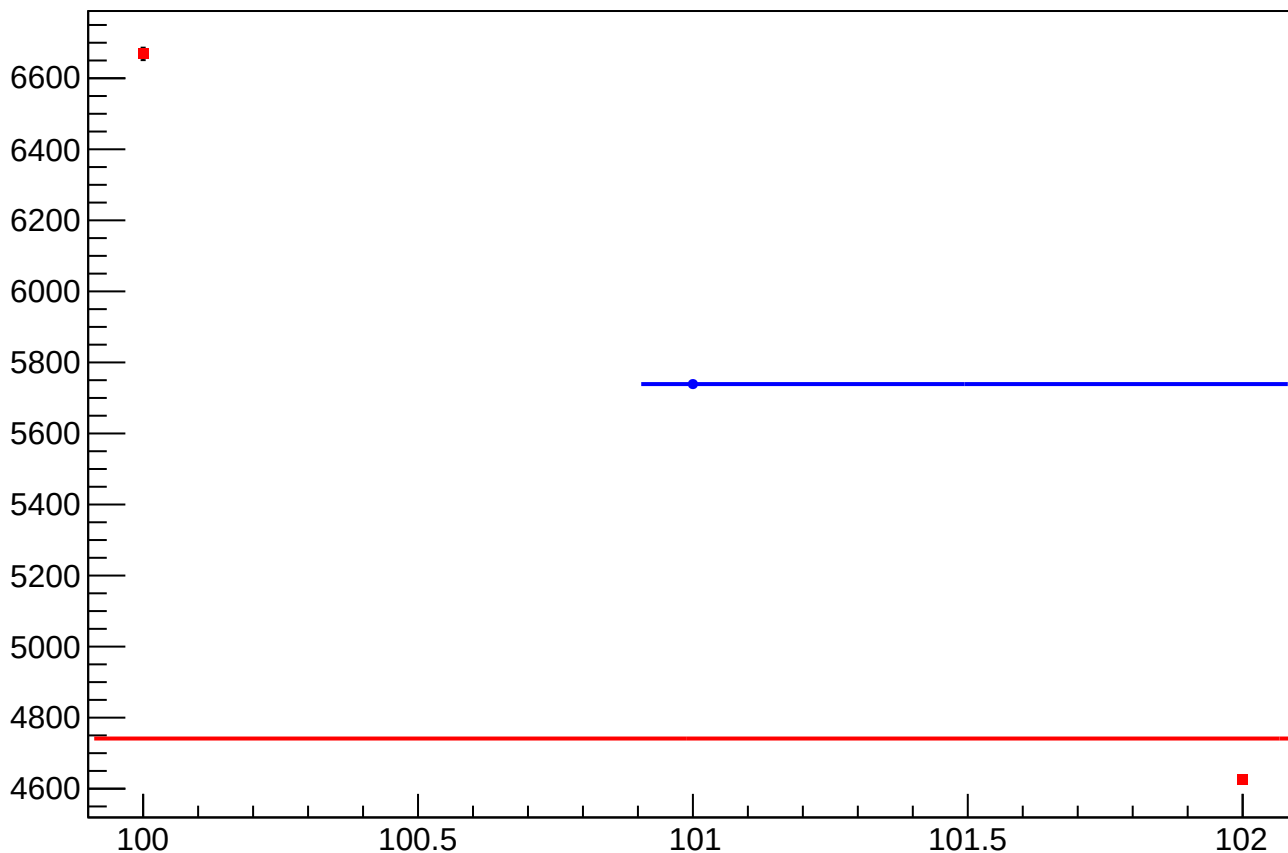
Right: -6990.198+/-4522.354 χ^2/NDF : 1.3/2

In: -12322.201+/-7087.212 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6990.198+/-4522.354 χ^2/NDF : 1.3/2

asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 5739.038+/-5.011 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 4741.220+/-4.153 χ^2 /NDF: 12823.6/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

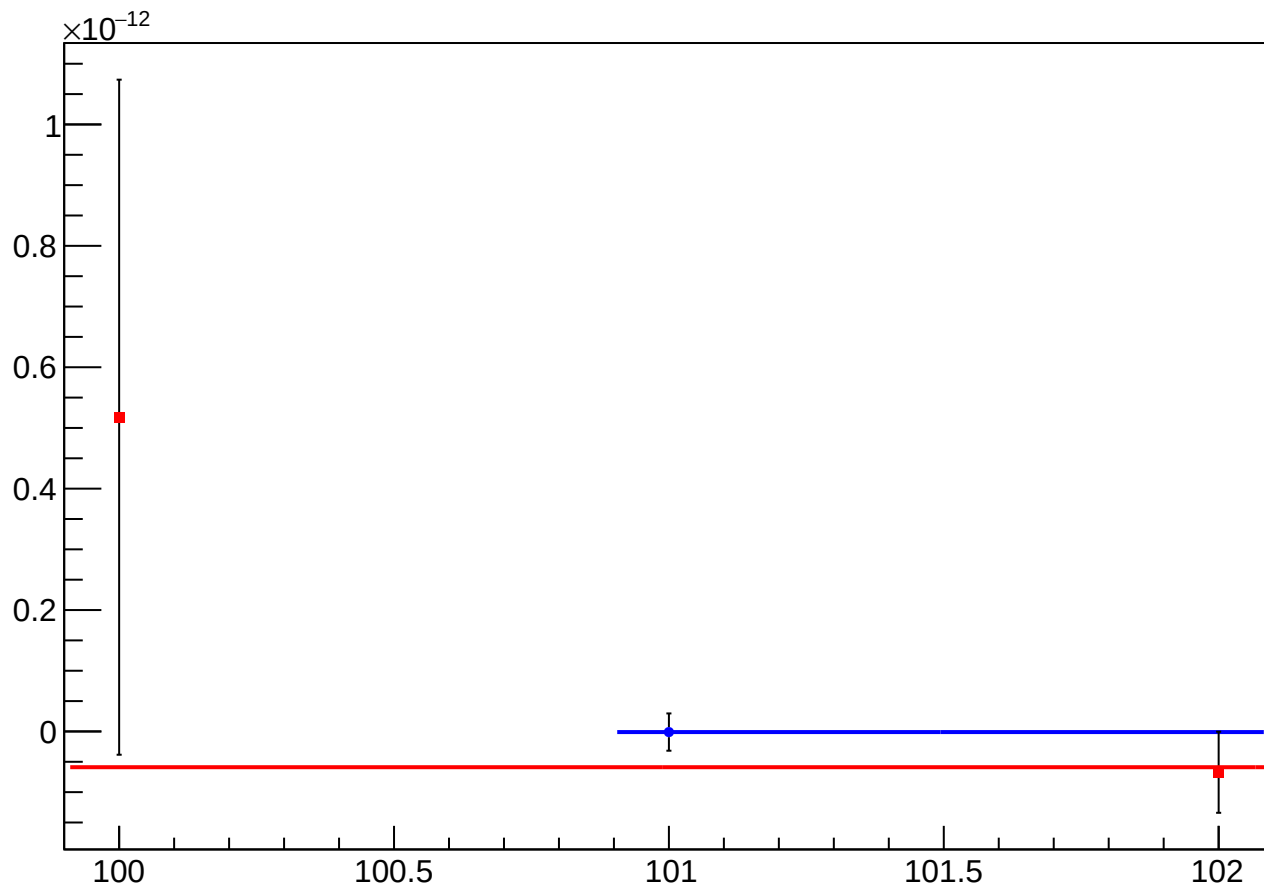
Right: 5147.422+/-3.197 χ^2 /NDF: 36329.1/2

In: 5739.038+/-5.011 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 5147.422+/-3.197 χ^2 /NDF: 36329.1/2

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

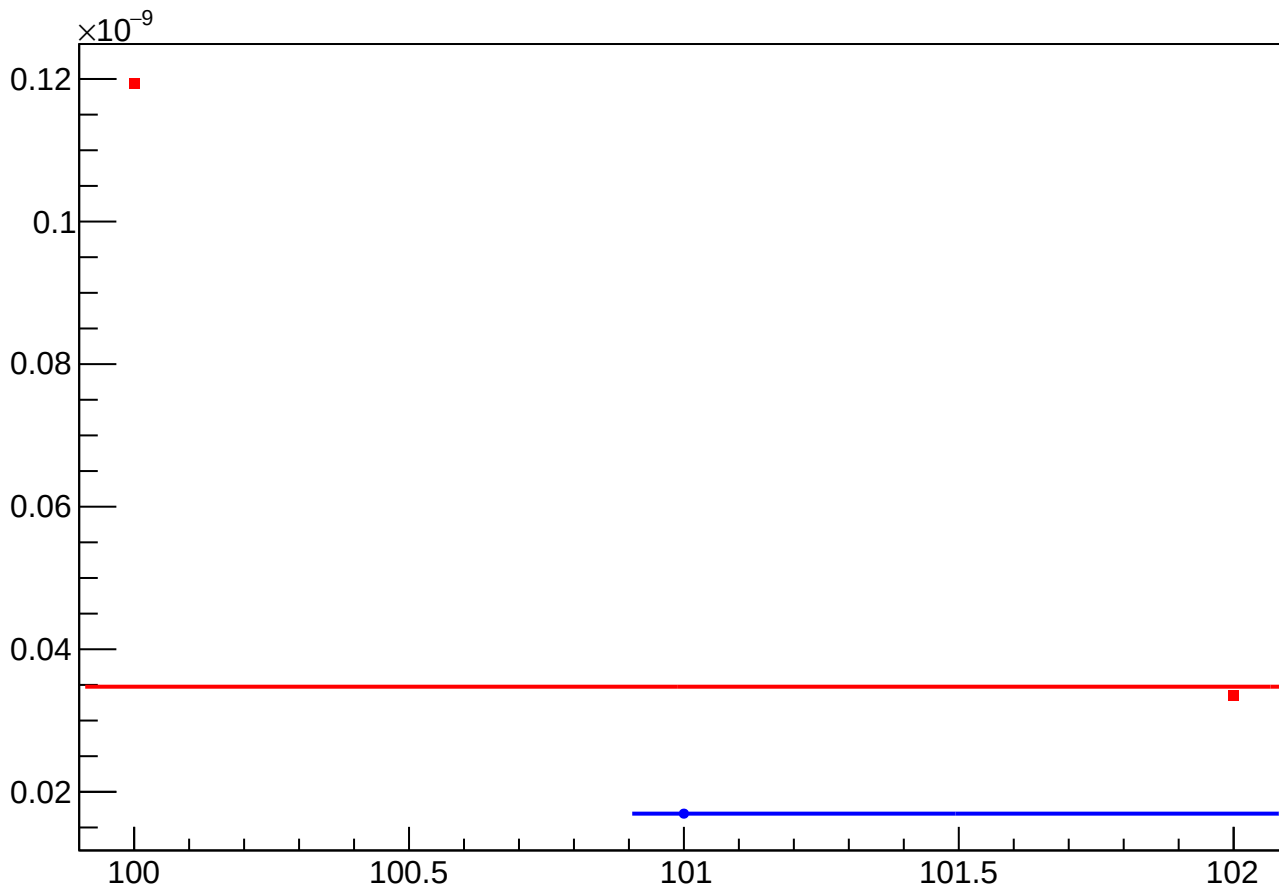
Right: -0.000+/-0.000 χ^2/NDF : 1.7/2

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 : 1.7/2

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_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 : 46985.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

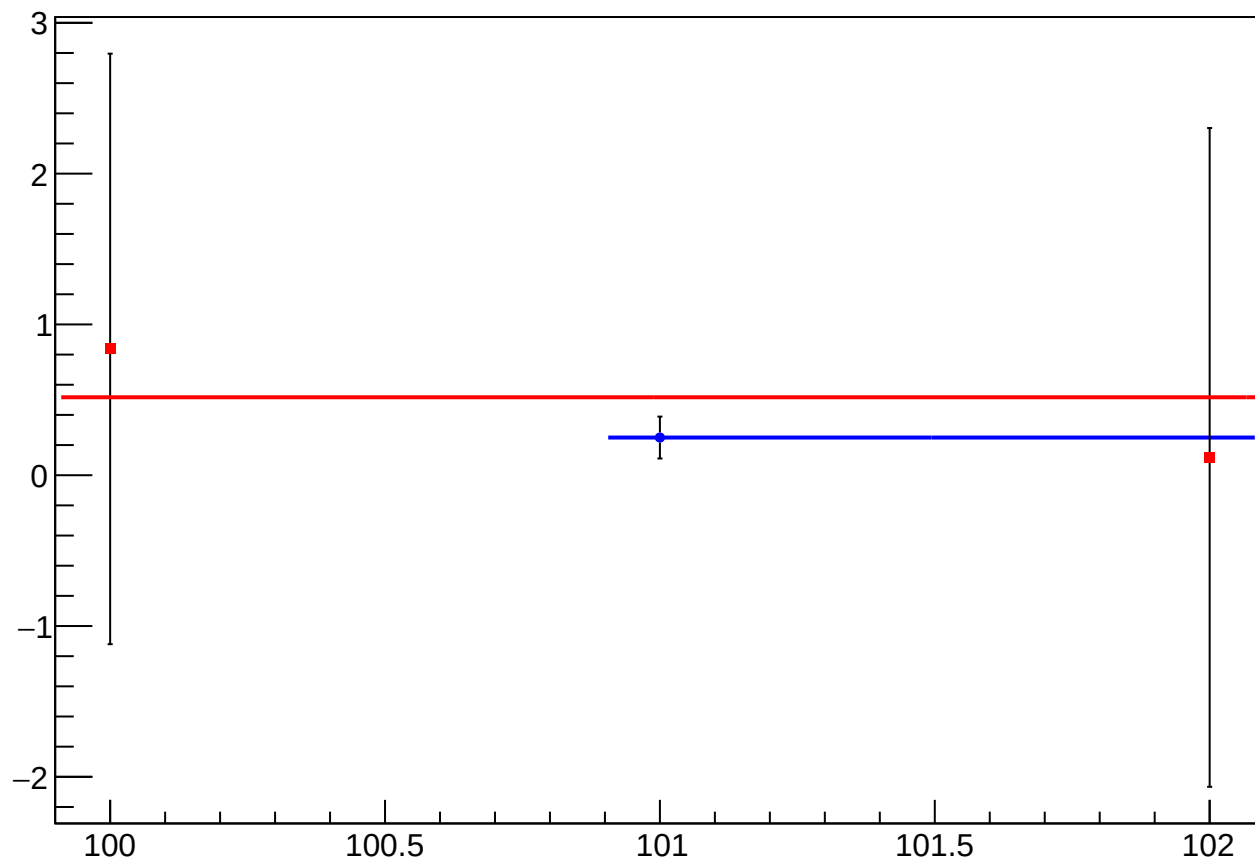
Right: 0.000+/-0.000 χ^2/NDF : 165744.2/2

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 : 165744.2/2

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.250 $\pm$ 0.139 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.517 $\pm$ 1.458 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

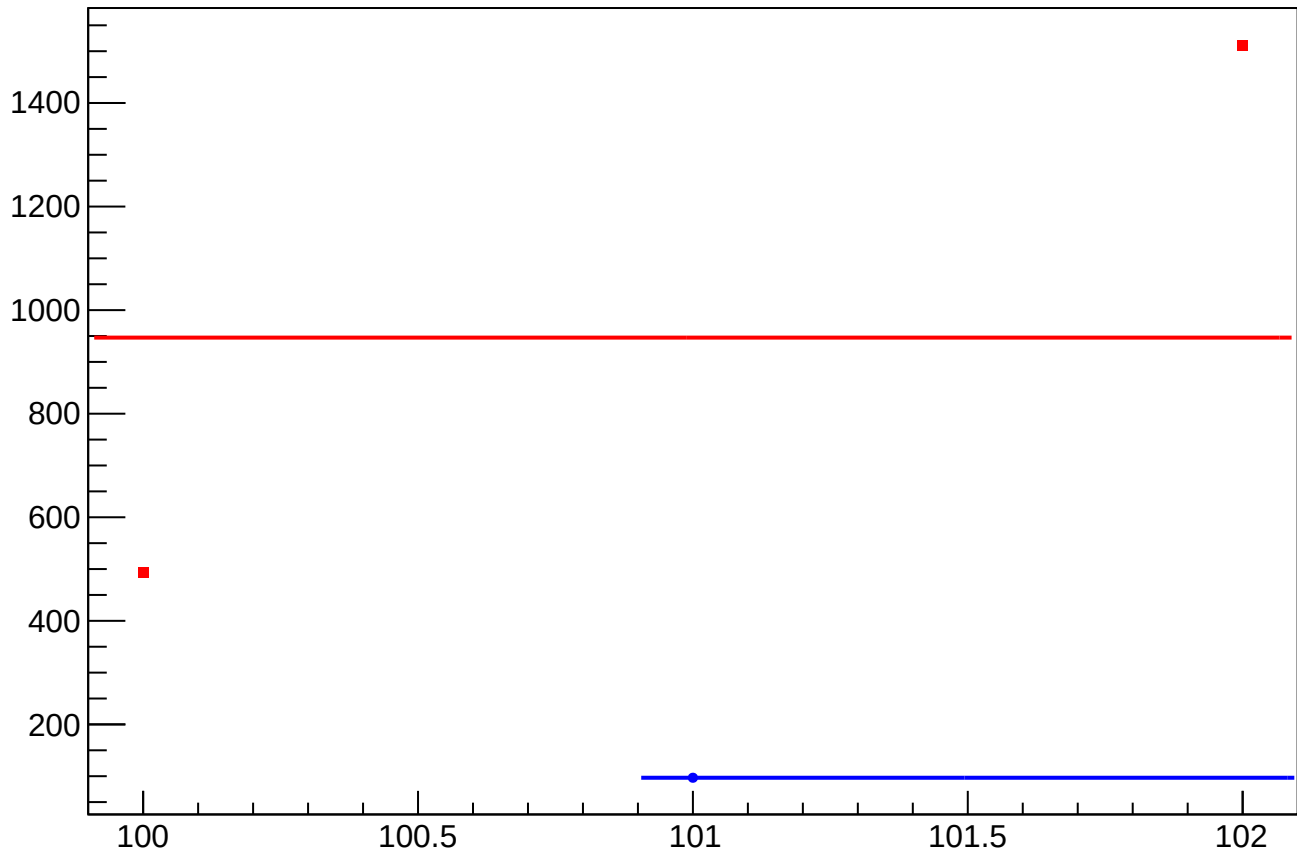
Right: 0.252 $\pm$ 0.138 χ^2 /NDF: 0.1/2

In: 0.250 $\pm$ 0.139 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.252 $\pm$ 0.138 χ^2 /NDF: 0.1/2

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 96.999 $\pm$ 0.098 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 946.935 $\pm$ 1.031 χ^2 /NDF: 240607.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

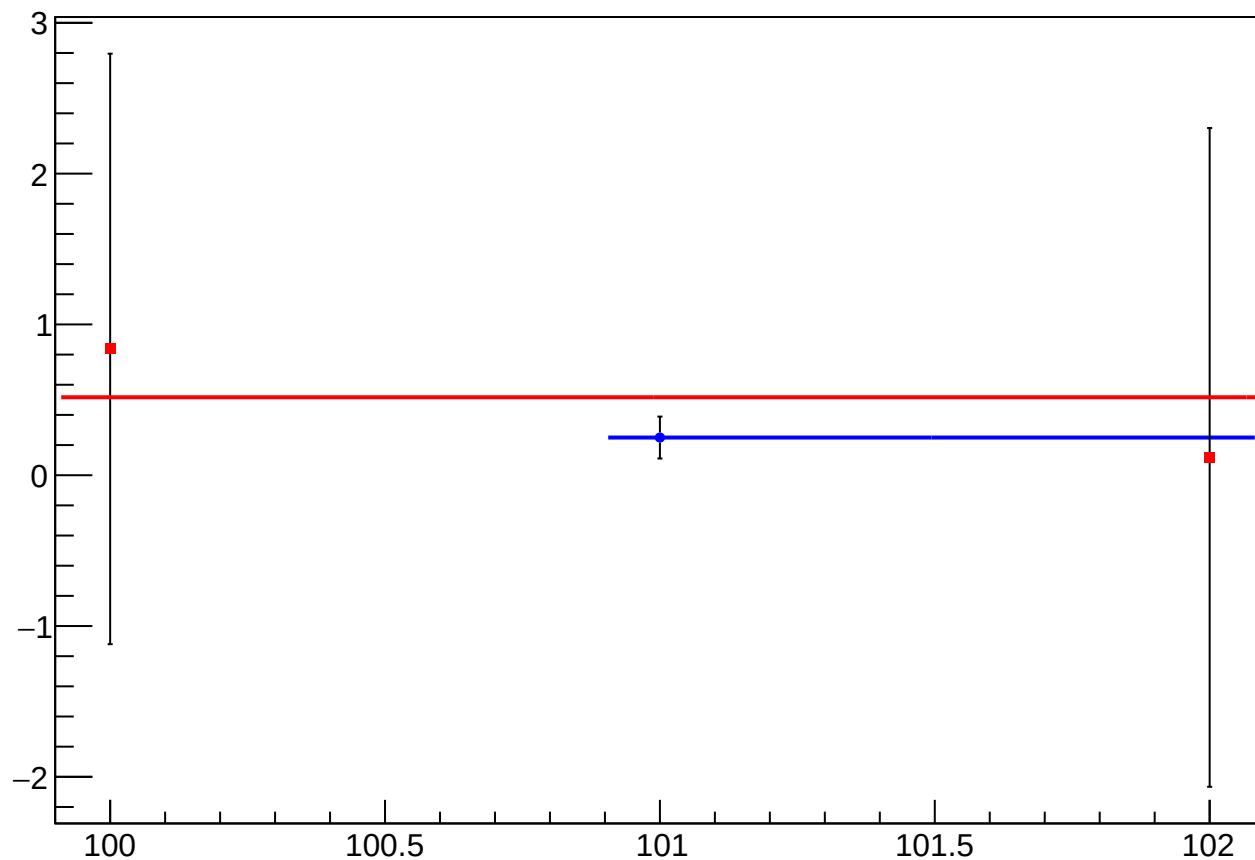
Right: 104.647 $\pm$ 0.098 χ^2 /NDF: 914192.2/2

In: 96.999 $\pm$ 0.098 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 104.647 $\pm$ 0.098 χ^2 /NDF: 914192.2/2

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.250+/-0.139 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.517+/-1.458 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

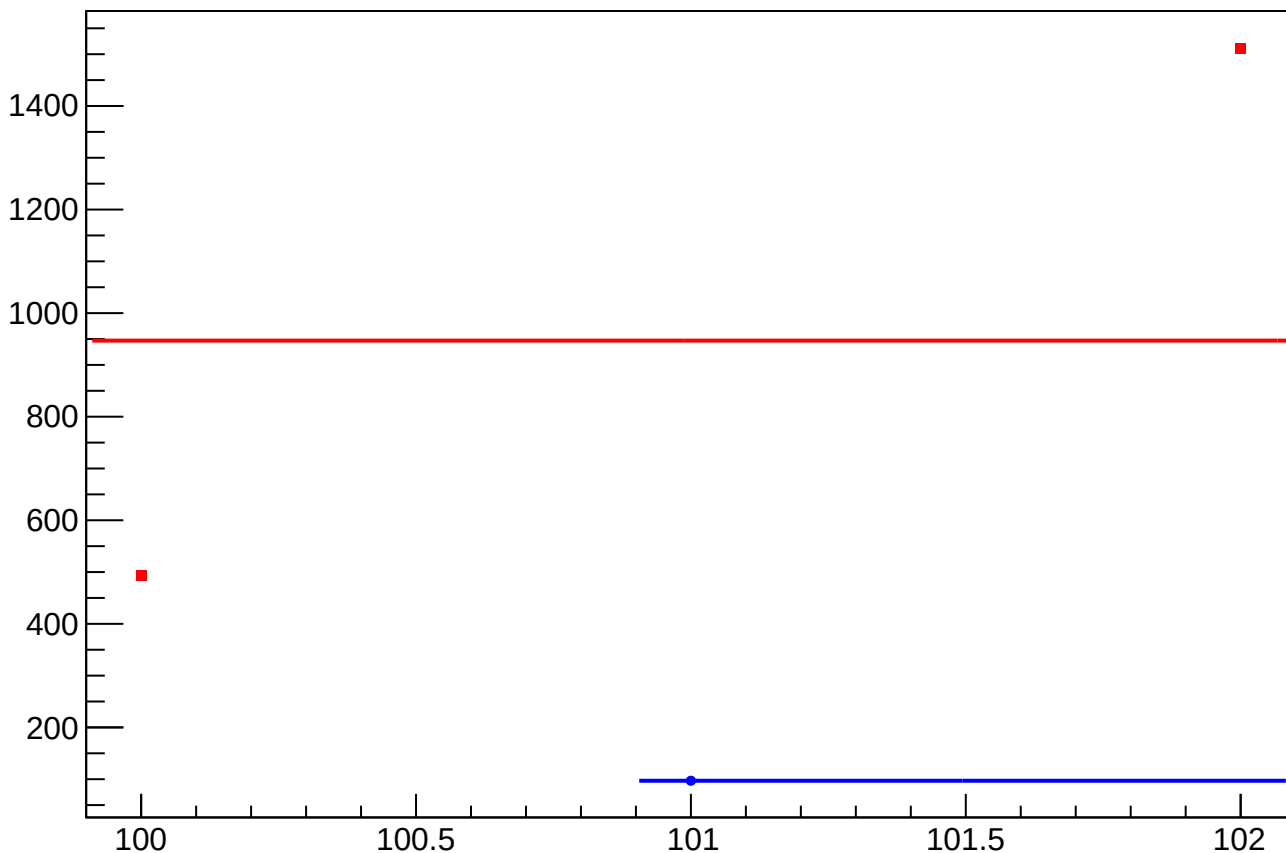
Right: 0.252+/-0.138 χ^2/NDF : 0.1/2

In: 0.250+/-0.139 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.252+/-0.138 χ^2/NDF : 0.1/2

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 96.999 $\pm$ 0.098 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 946.935 $\pm$ 1.031 χ^2 /NDF: 240607.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

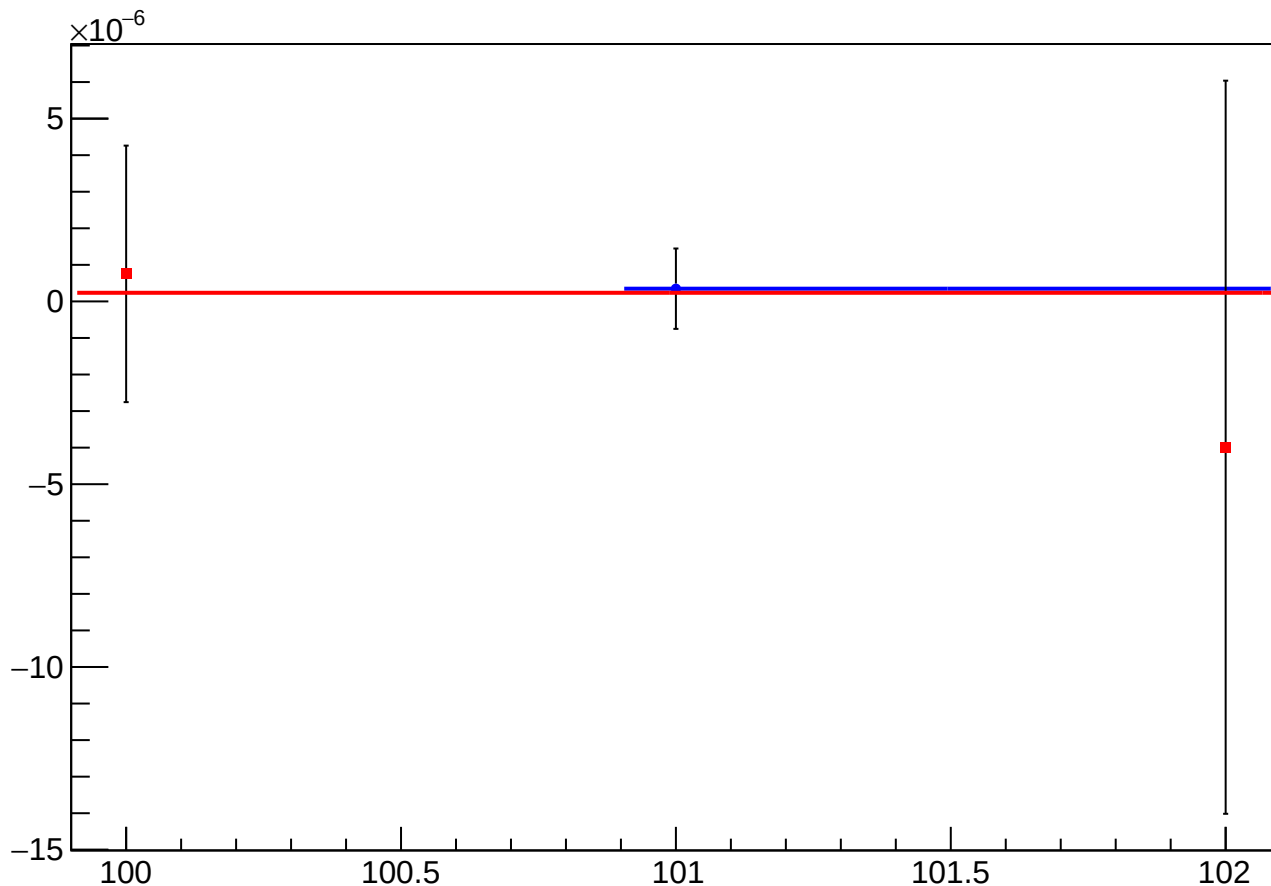
Right: 104.647 $\pm$ 0.098 χ^2 /NDF: 914192.2/2

In: 96.999 $\pm$ 0.098 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 104.647 $\pm$ 0.098 χ^2 /NDF: 914192.2/2

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

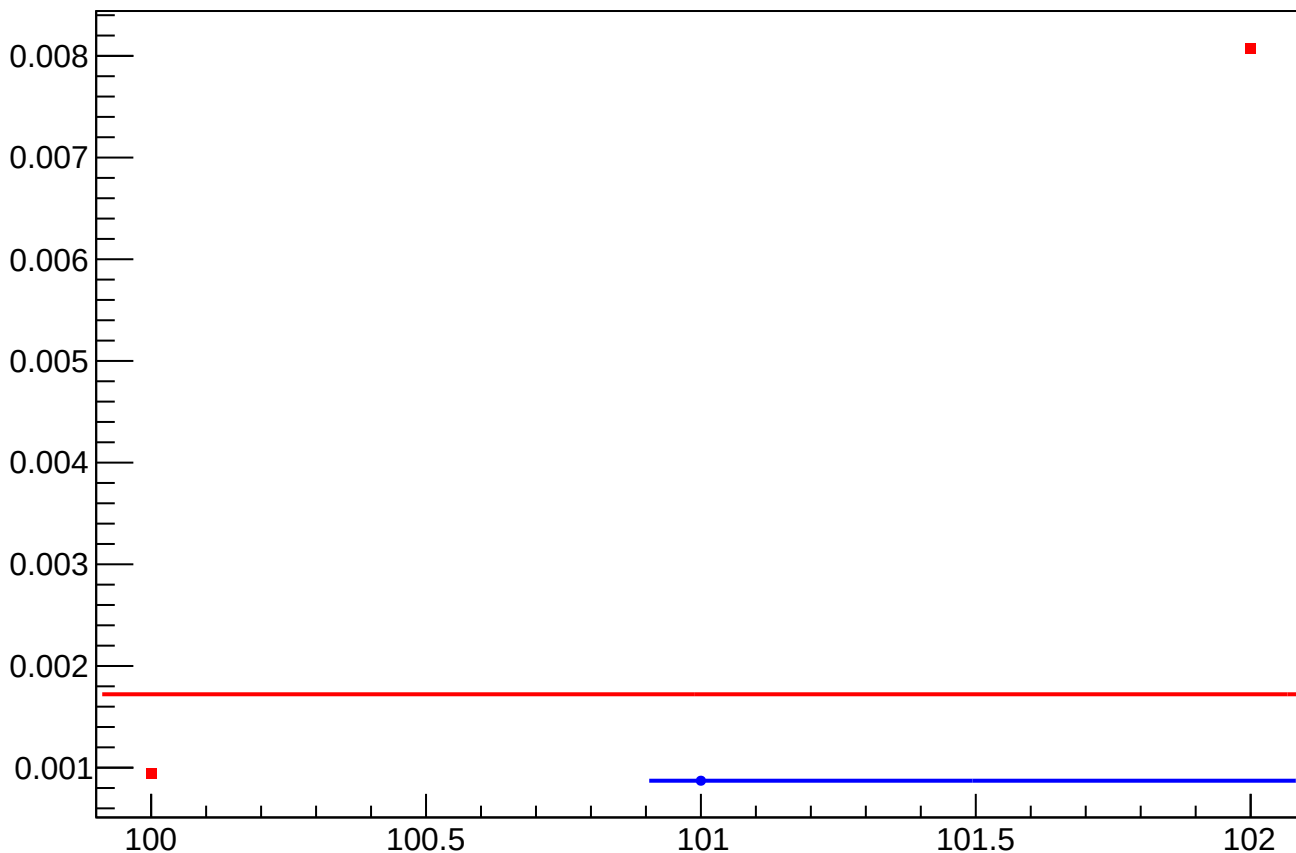
Right: 0.000+/-0.000 χ^2/NDF : 0.2/2

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 : 0.2/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 900832.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

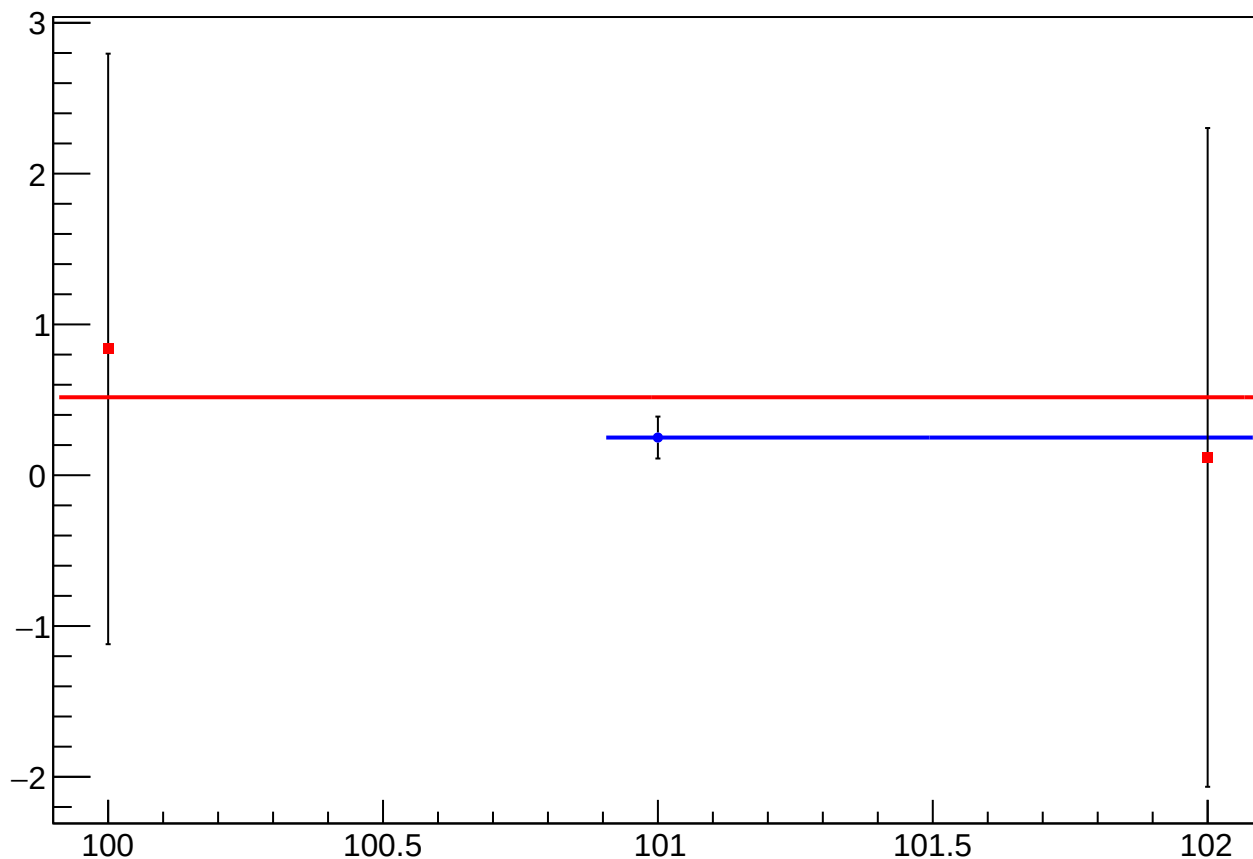
Right: 0.001+/-0.000 χ^2/NDF : 1019564.0/2

In: 0.001+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1019564.0/2

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.250+/-0.139 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.517+/-1.458 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

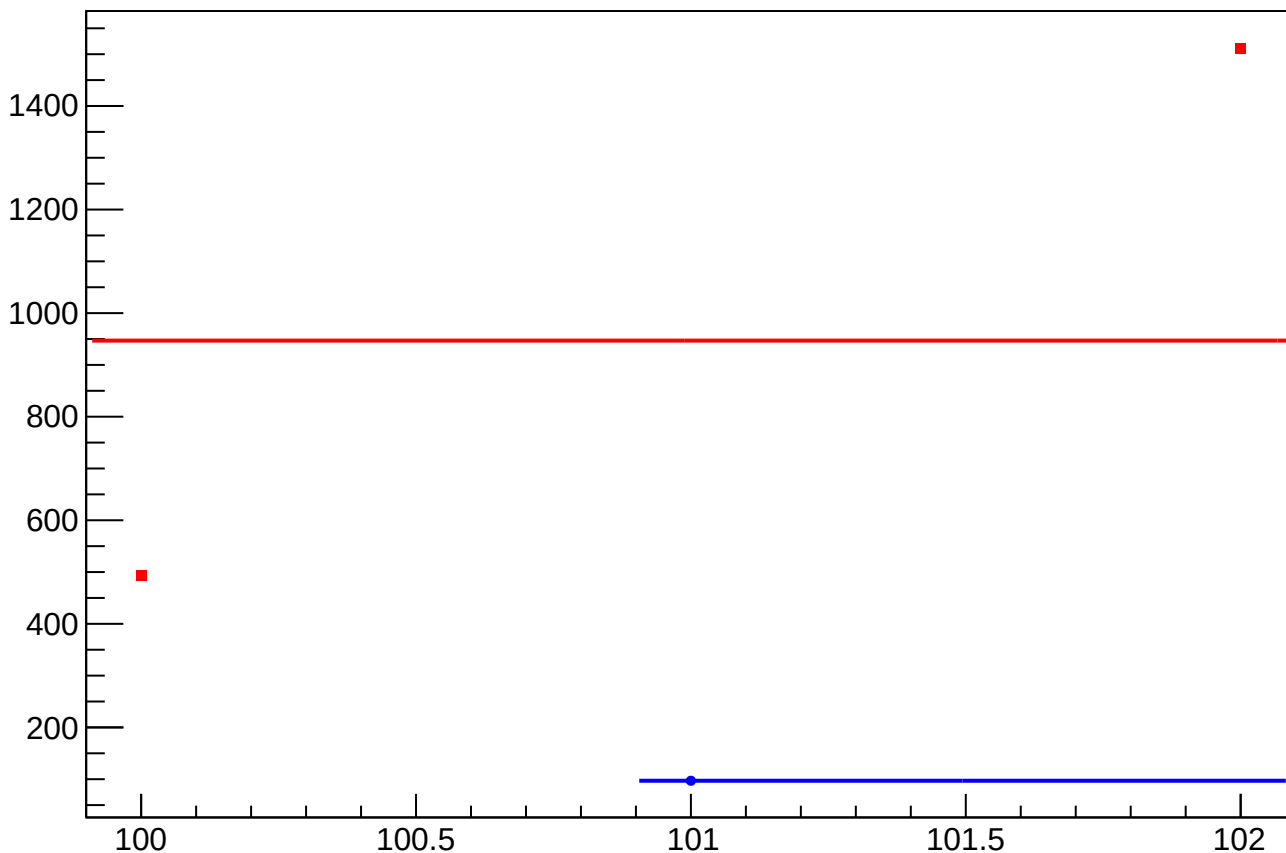
Right: 0.252+/-0.138 χ^2/NDF : 0.1/2

In: 0.250+/-0.139 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.252+/-0.138 χ^2/NDF : 0.1/2

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 96.998+/-0.098 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 946.936+/-1.031 χ^2/NDF : 240605.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

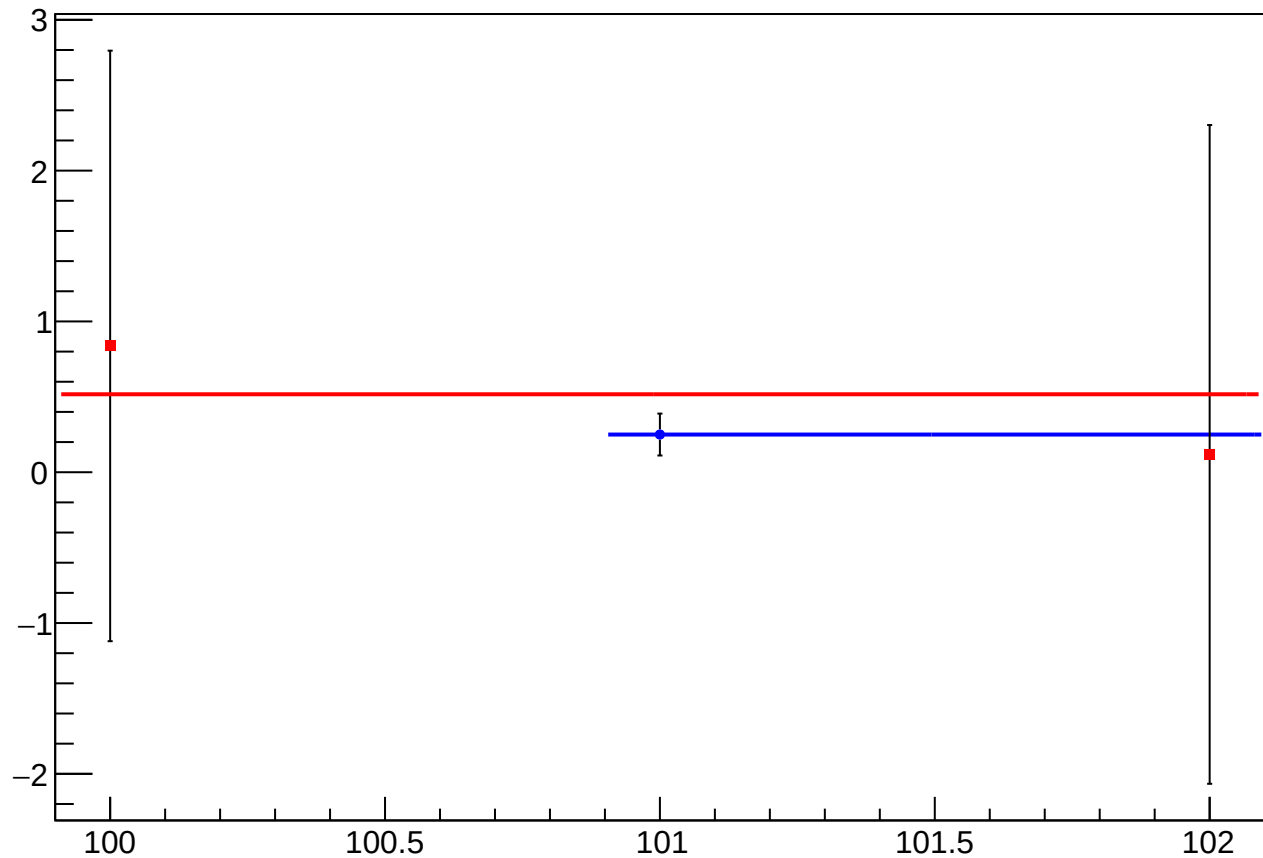
Right: 104.646+/-0.098 χ^2/NDF : 914191.0/2

In: 96.998+/-0.098 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.646+/-0.098 χ^2/NDF : 914191.0/2

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.250+/-0.139 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.517+/-1.458 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

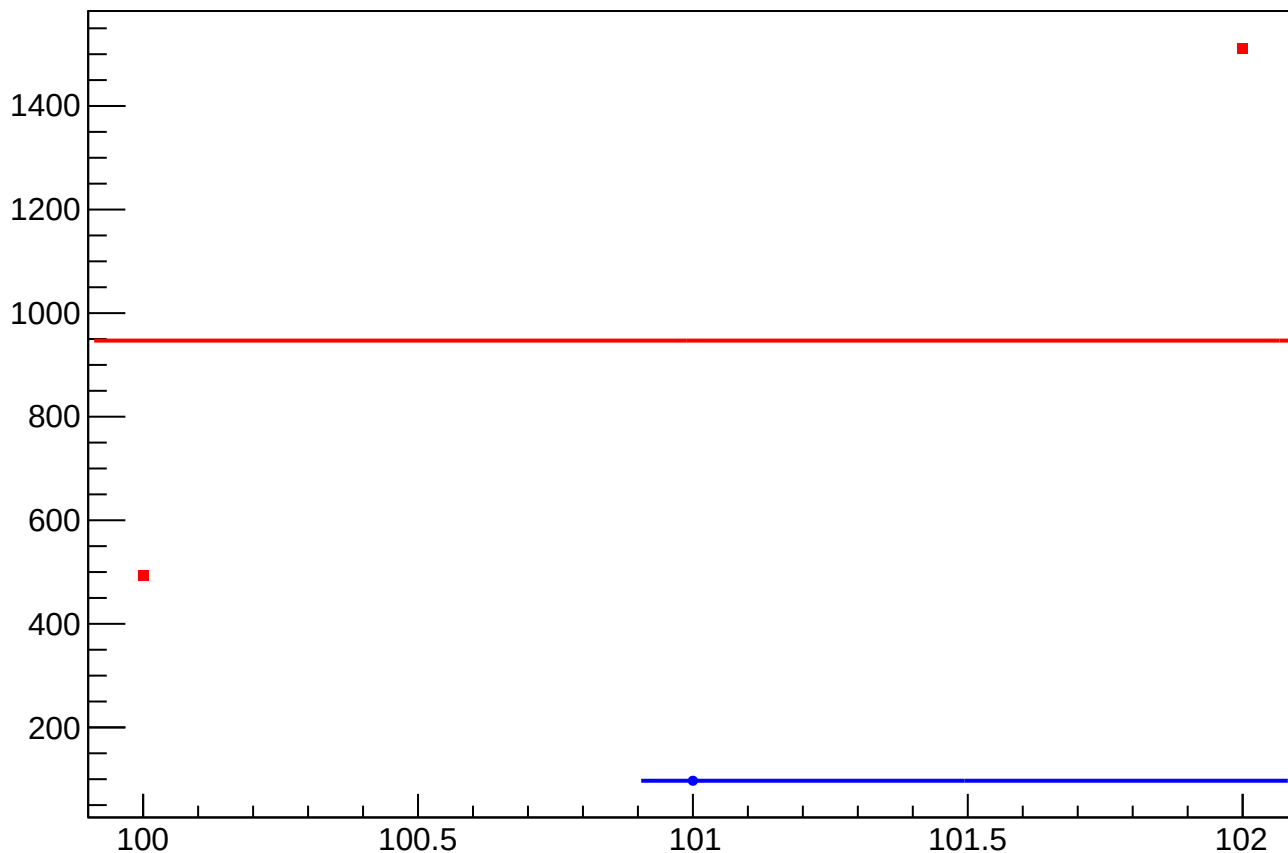
Right: 0.252+/-0.138 χ^2/NDF : 0.1/2

In: 0.250+/-0.139 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.252+/-0.138 χ^2/NDF : 0.1/2

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 96.998 $\pm$ 0.098 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 946.936 $\pm$ 1.031 χ^2 /NDF: 240605.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

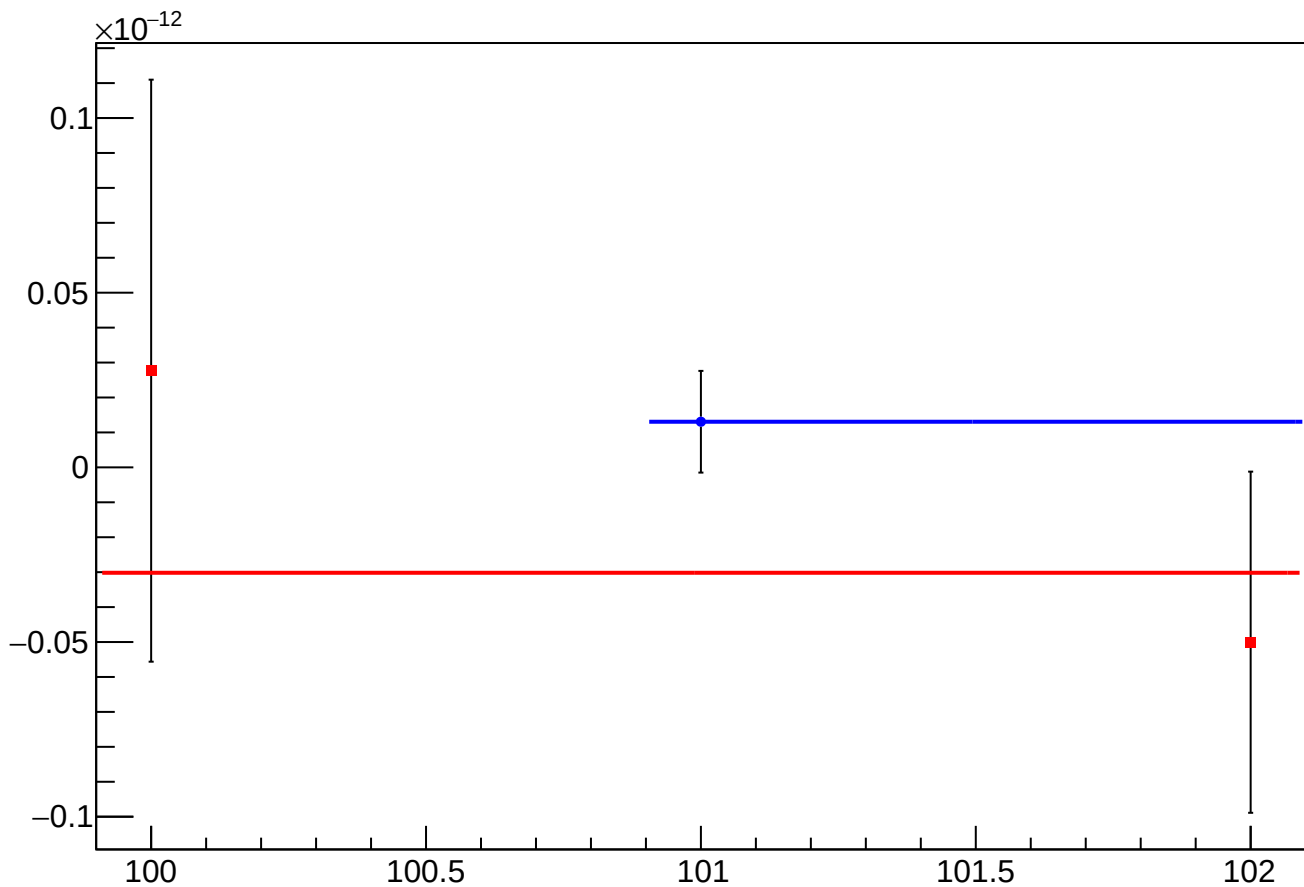
Right: 104.646 $\pm$ 0.098 χ^2 /NDF: 914191.0/2

In: 96.998 $\pm$ 0.098 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 104.646 $\pm$ 0.098 χ^2 /NDF: 914191.0/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

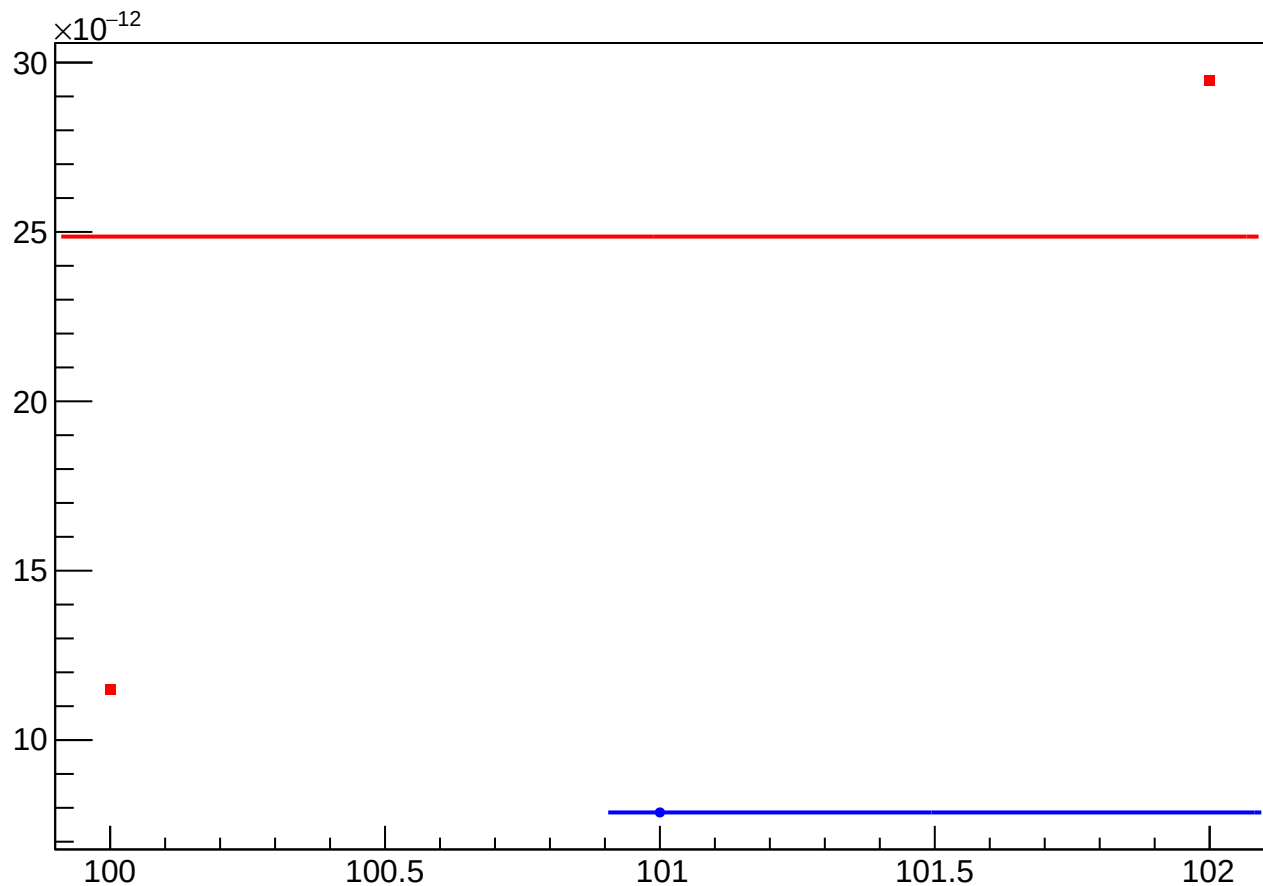
Right: 0.000+/-0.000 χ^2/NDF : 1.6/2

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 : 1.6/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 69315.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

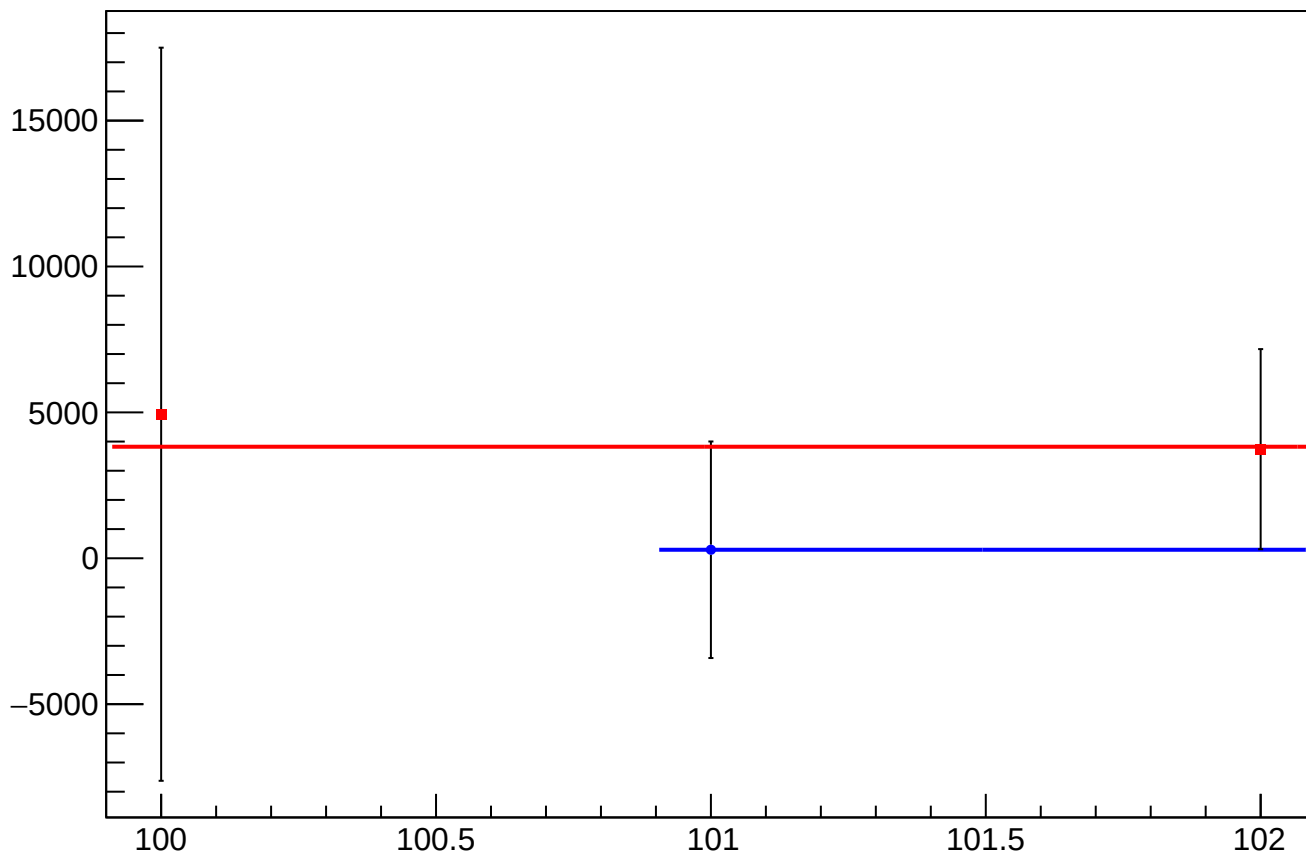
Right: 0.000+/-0.000 χ^2/NDF : 360265.3/2

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 : 360265.3/2

reg_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 291.830+/-3710.891 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3822.992+/-3307.959 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

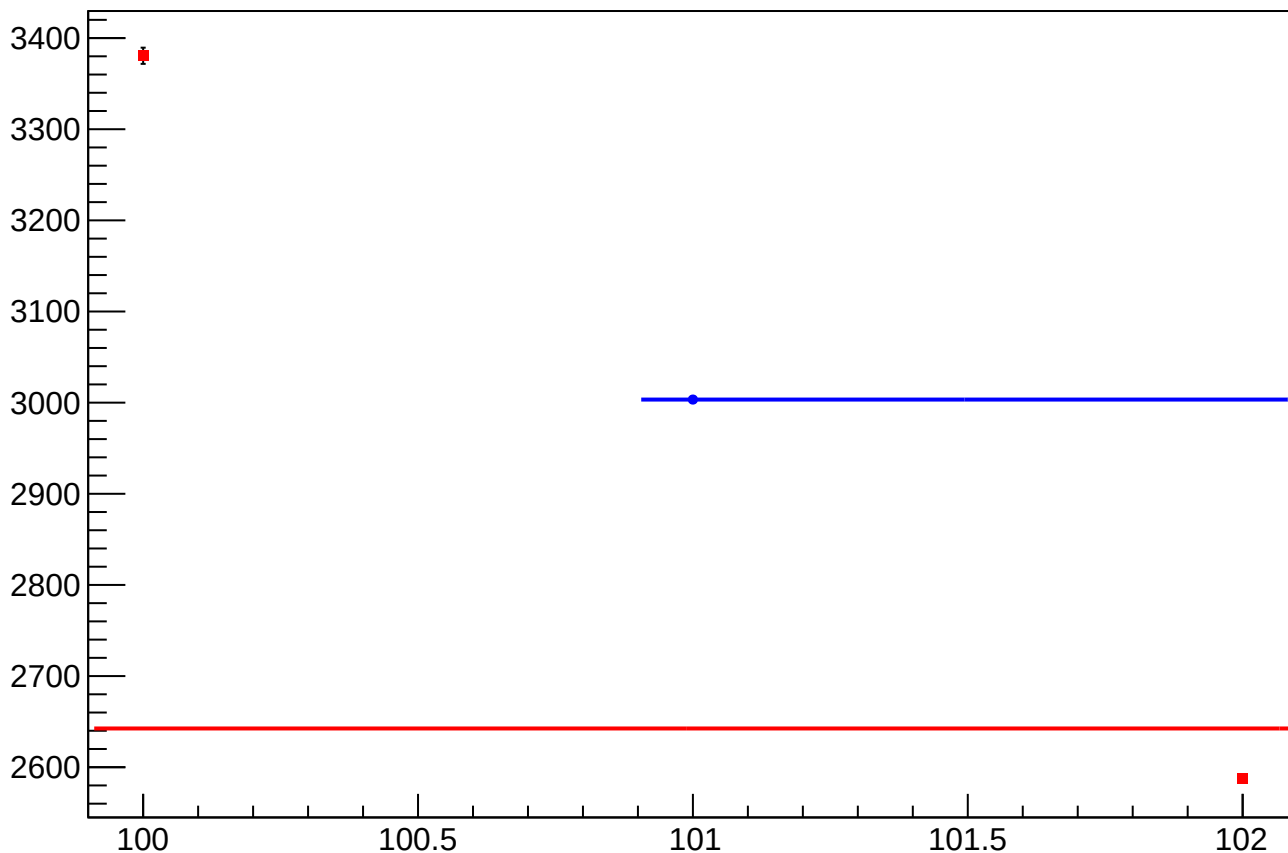
Right: 2259.459+/-2469.294 χ^2/NDF : 0.5/2

In: 291.830+/-3710.891 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2259.459+/-2469.294 χ^2/NDF : 0.5/2

reg_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3003.381 $\pm$ 2.624 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2642.503 $\pm$ 2.339 χ^2 /NDF: 7417.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

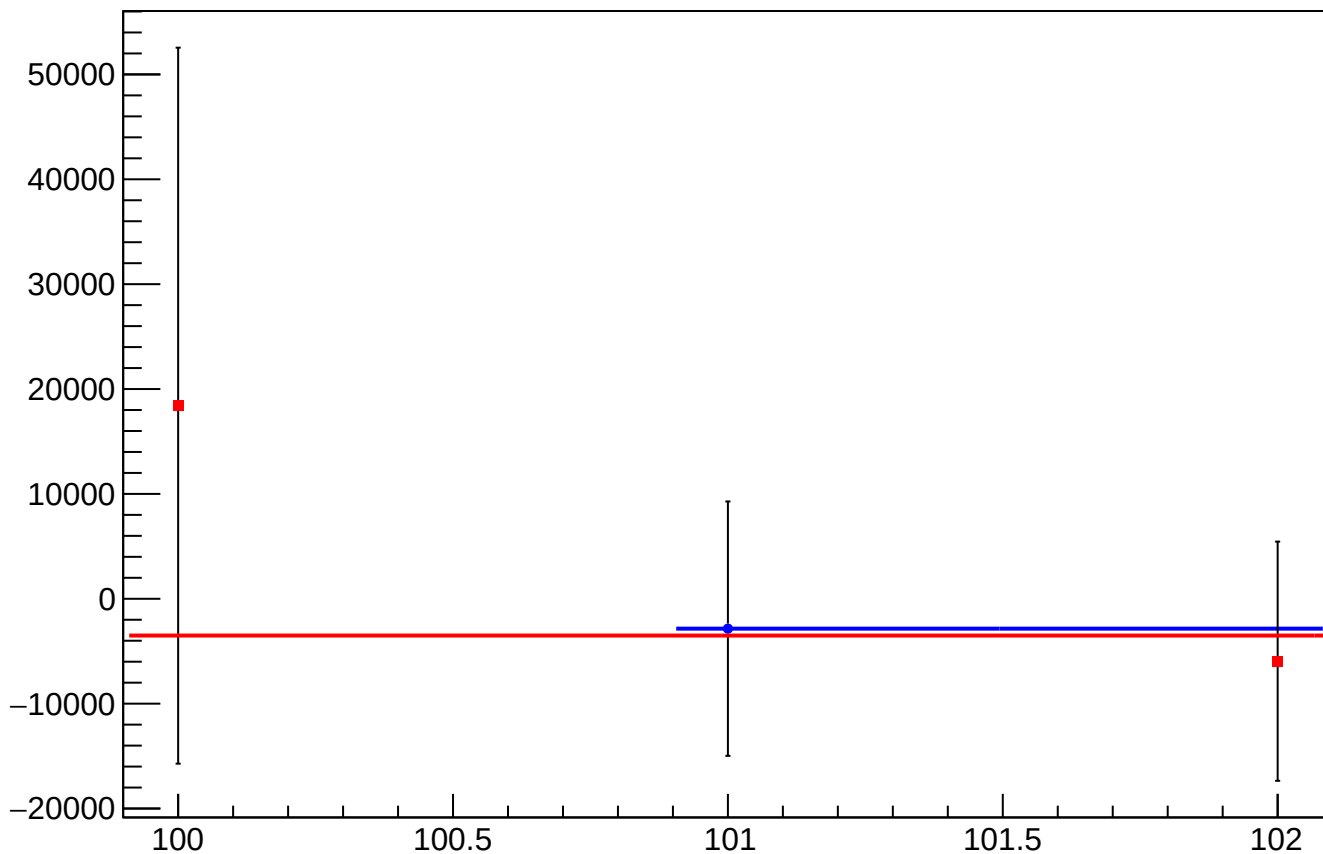
Right: 2802.292 $\pm$ 1.746 χ^2 /NDF: 17957.0/2

In: 3003.381 $\pm$ 2.624 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2802.292 $\pm$ 1.746 χ^2 /NDF: 17957.0/2

asym_us_avg_at2lr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -2848.143+/-12129.137 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3505.211+/-10816.801 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

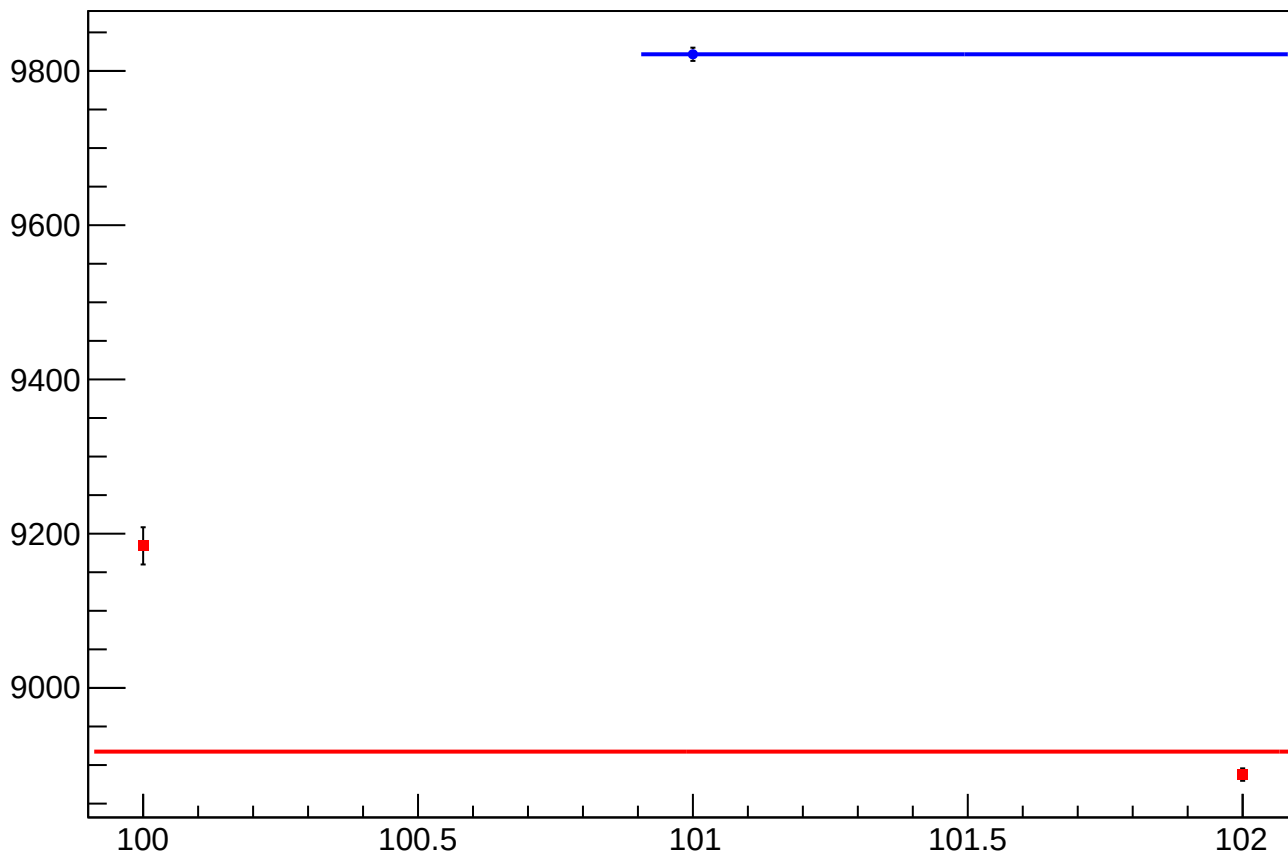
Right: -3214.134+/-8072.885 χ^2/NDF : 0.5/2

In: -2848.143+/-12129.137 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3214.134+/-8072.885 χ^2/NDF : 0.5/2

asym_us_avg_at2lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 9821.601 $\pm$ 8.577 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8917.421 $\pm$ 7.649 χ^2 /NDF: 135.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

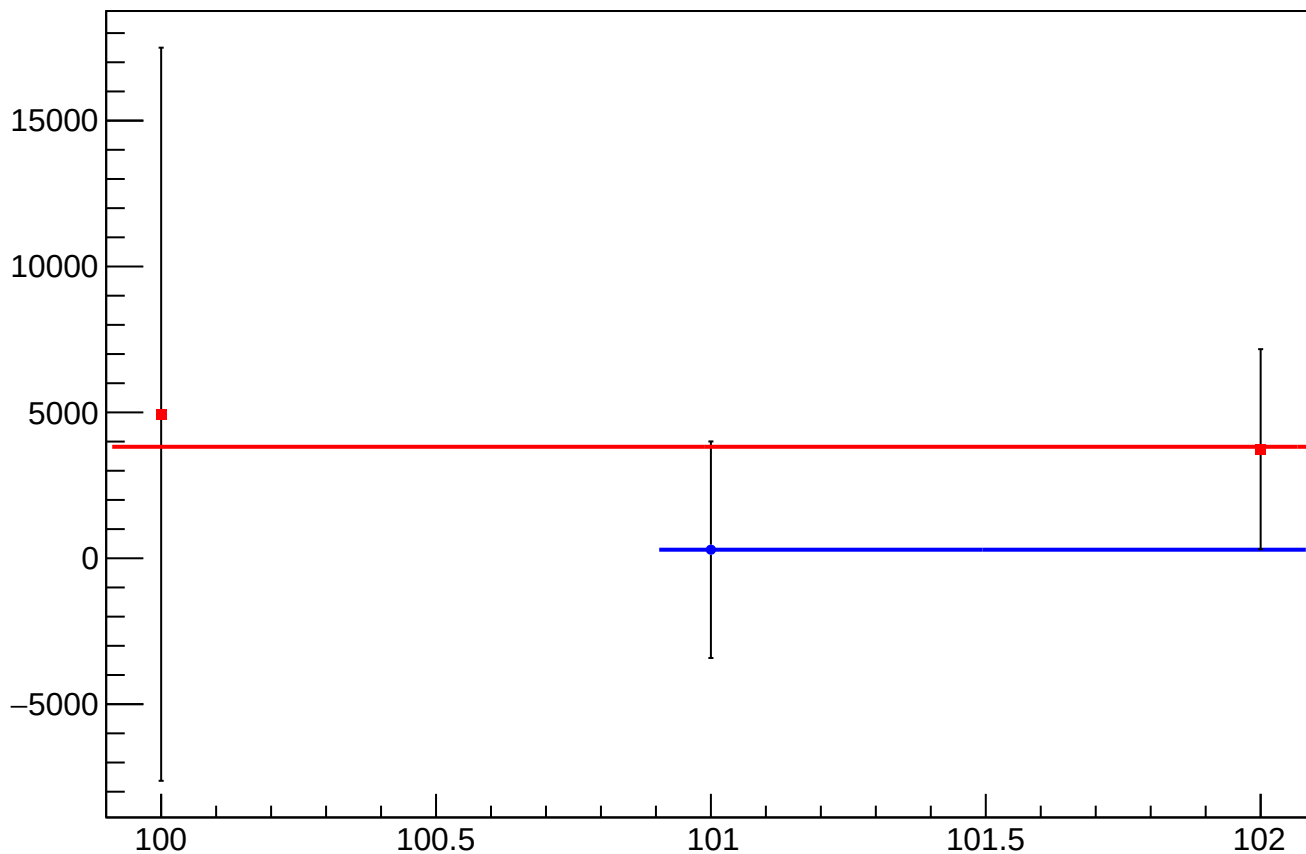
Right: 9317.967 $\pm$ 5.708 χ^2 /NDF: 6326.5/2

In: 9821.601 $\pm$ 8.577 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9317.967 $\pm$ 5.708 χ^2 /NDF: 6326.5/2

cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 293.948+/-3710.894 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3821.480+/-3307.961 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

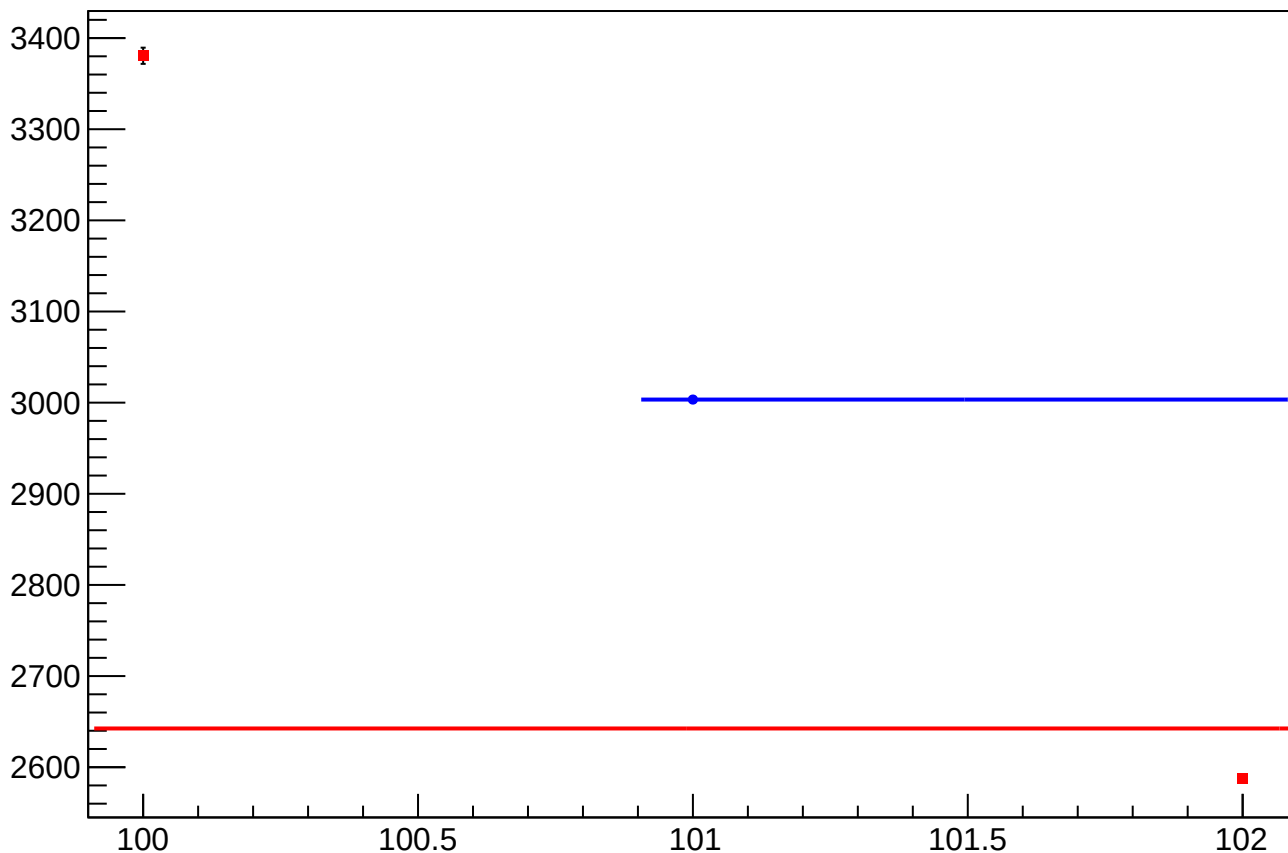
Right: 2259.555+/-2469.296 χ^2/NDF : 0.5/2

In: 293.948+/-3710.894 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2259.555+/-2469.296 χ^2/NDF : 0.5/2

cor_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3003.382 $\pm$ 2.624 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2642.501 $\pm$ 2.339 χ^2 /NDF: 7417.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

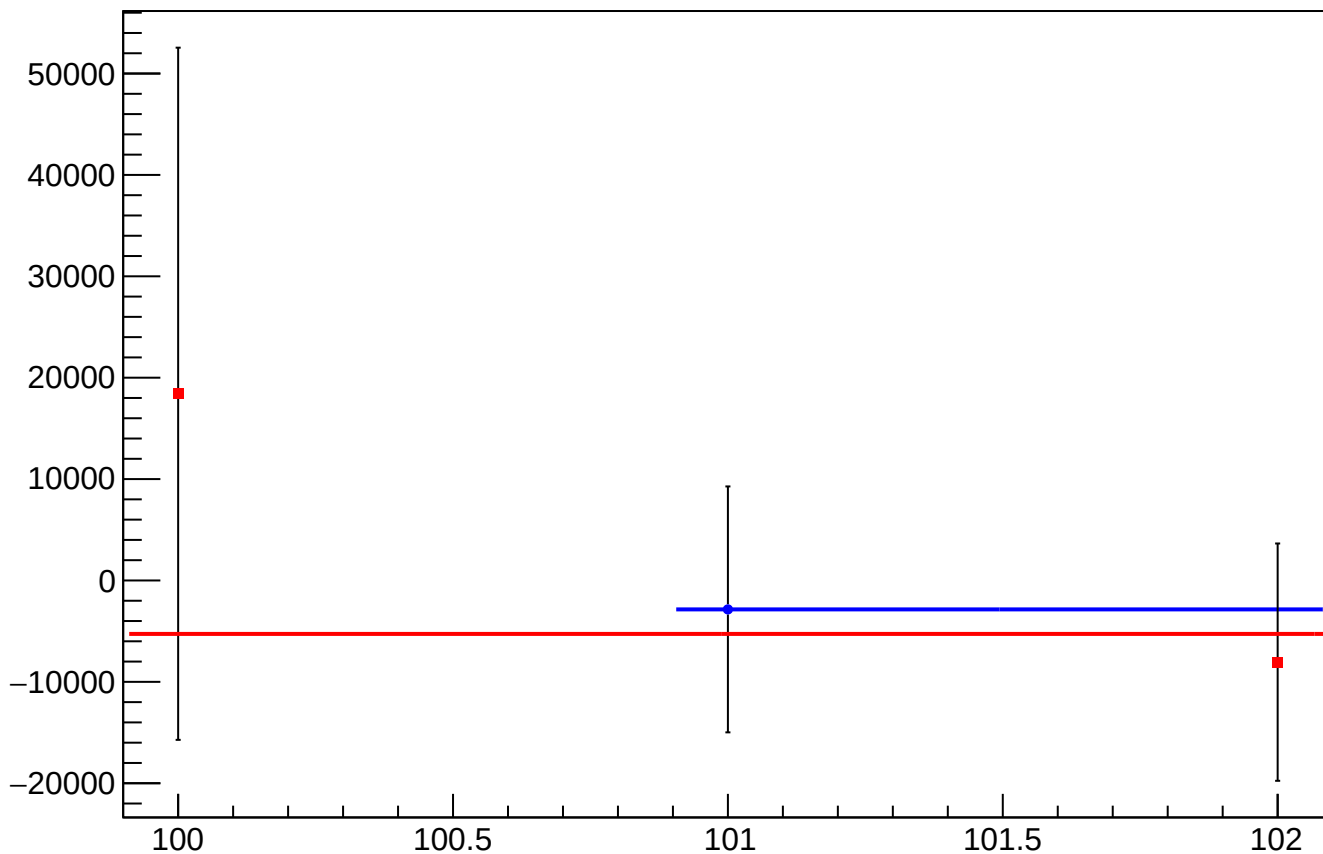
Right: 2802.291 $\pm$ 1.746 χ^2 /NDF: 17957.2/2

In: 3003.382 $\pm$ 2.624 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2802.291 $\pm$ 1.746 χ^2 /NDF: 17957.2/2

asym_us_avg_at2lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -2853.529+/-12128.111 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5271.939+/-11070.754 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

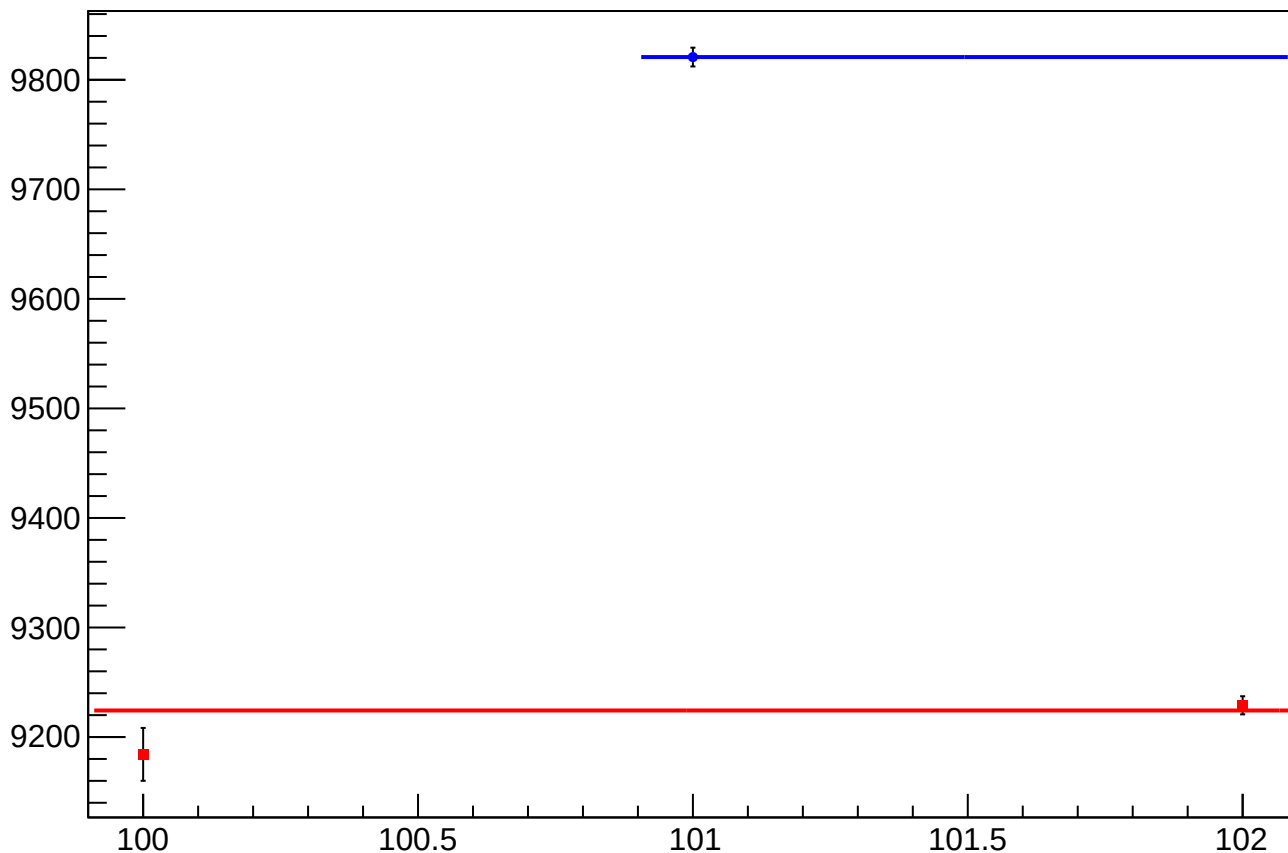
Right: -4172.732+/-8176.510 χ^2/NDF : 0.6/2

In: -2853.529+/-12128.111 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4172.732+/-8176.510 χ^2/NDF : 0.6/2

asym_us_avg_at2lr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 9820.756 $\pm$ 8.576 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9224.256 $\pm$ 7.828 χ^2 /NDF: 3.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

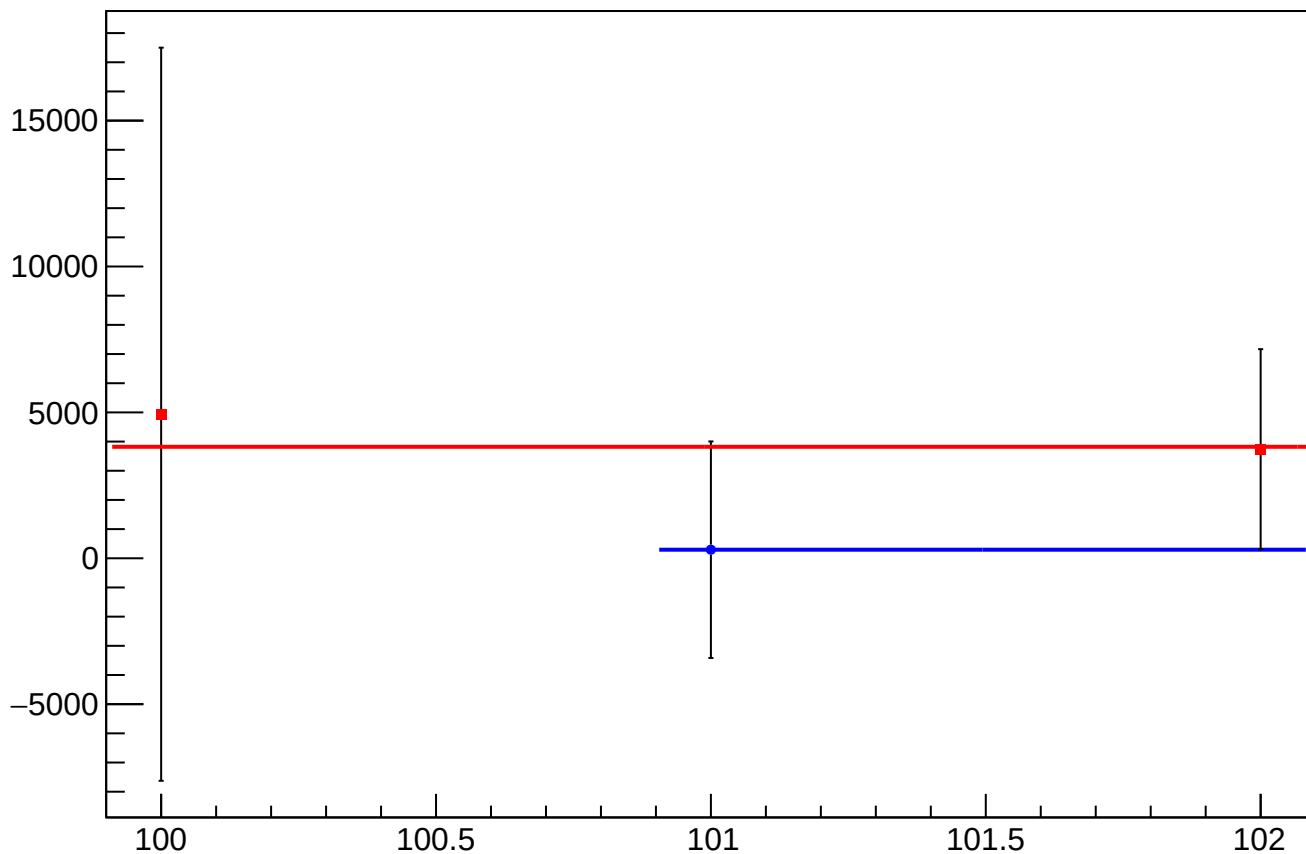
Right: 9495.375 $\pm$ 5.782 χ^2 /NDF: 2642.1/2

In: 9820.756 $\pm$ 8.576 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9495.375 $\pm$ 5.782 χ^2 /NDF: 2642.1/2

eigen_cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 293.948+/-3710.894 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3821.480+/-3307.961 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

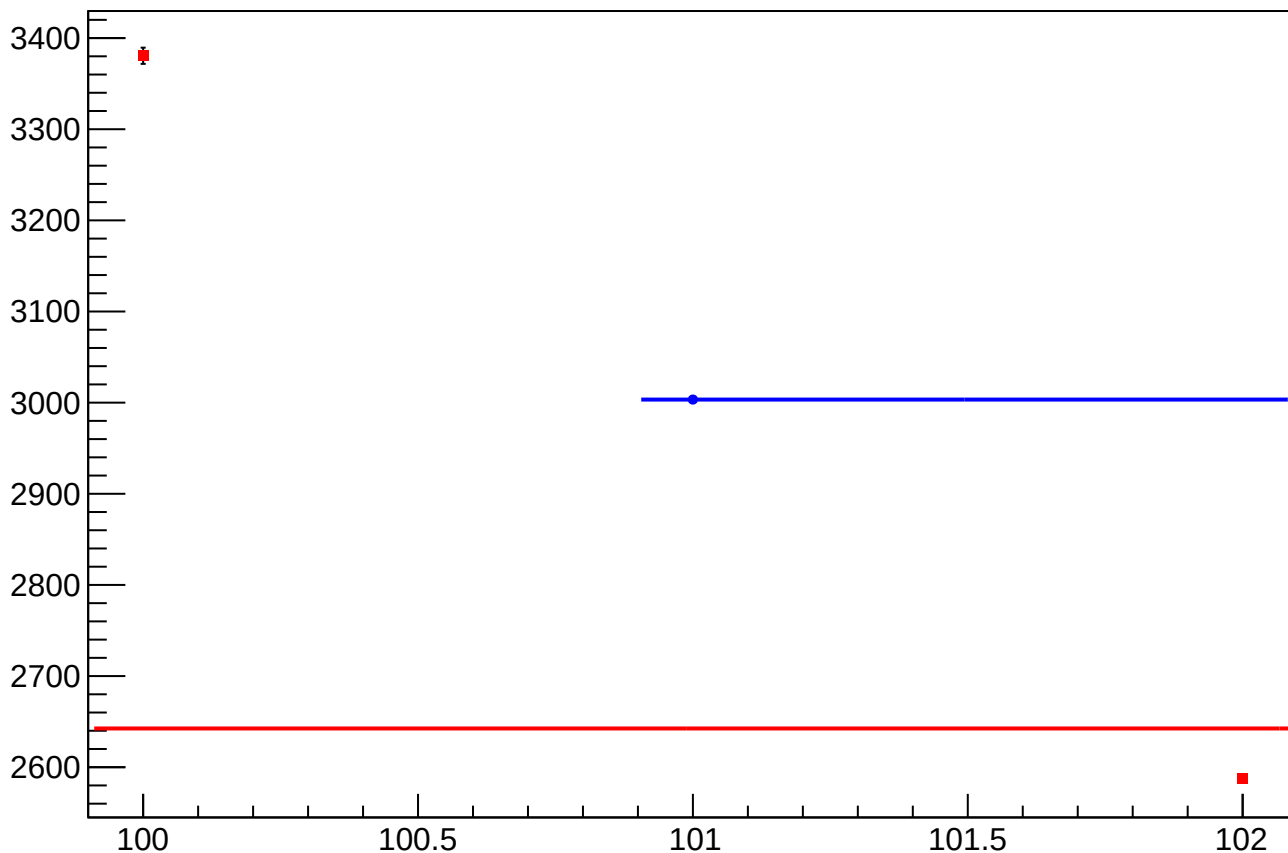
Right: 2259.555+/-2469.296 χ^2/NDF : 0.5/2

In: 293.948+/-3710.894 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2259.555+/-2469.296 χ^2/NDF : 0.5/2

eigen_cor_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3003.382 $\pm$ 2.624 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2642.501 $\pm$ 2.339 χ^2 /NDF: 7417.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

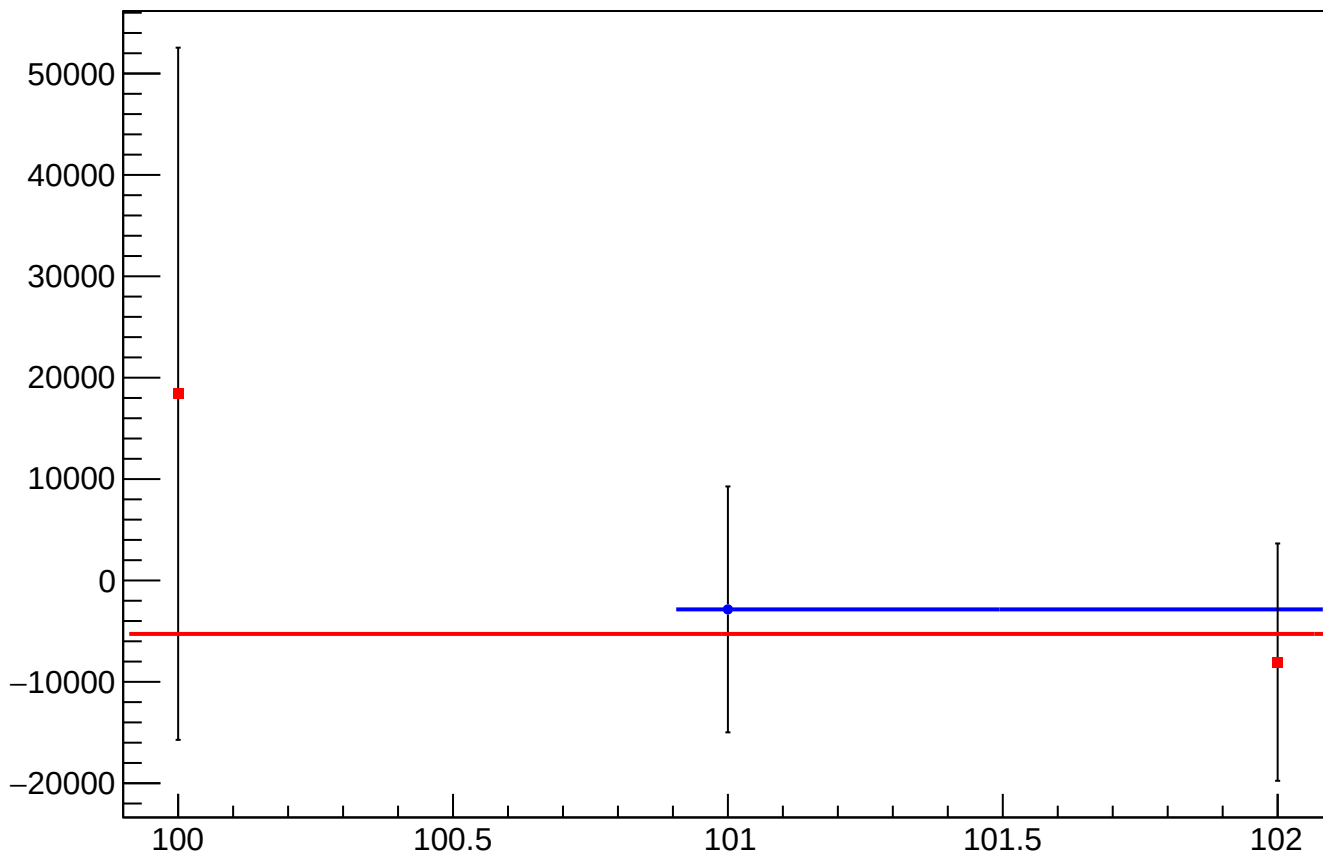
Right: 2802.291 $\pm$ 1.746 χ^2 /NDF: 17957.2/2

In: 3003.382 $\pm$ 2.624 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2802.291 $\pm$ 1.746 χ^2 /NDF: 17957.2/2

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -2853.529+/-12128.111 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5271.939+/-11070.754 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

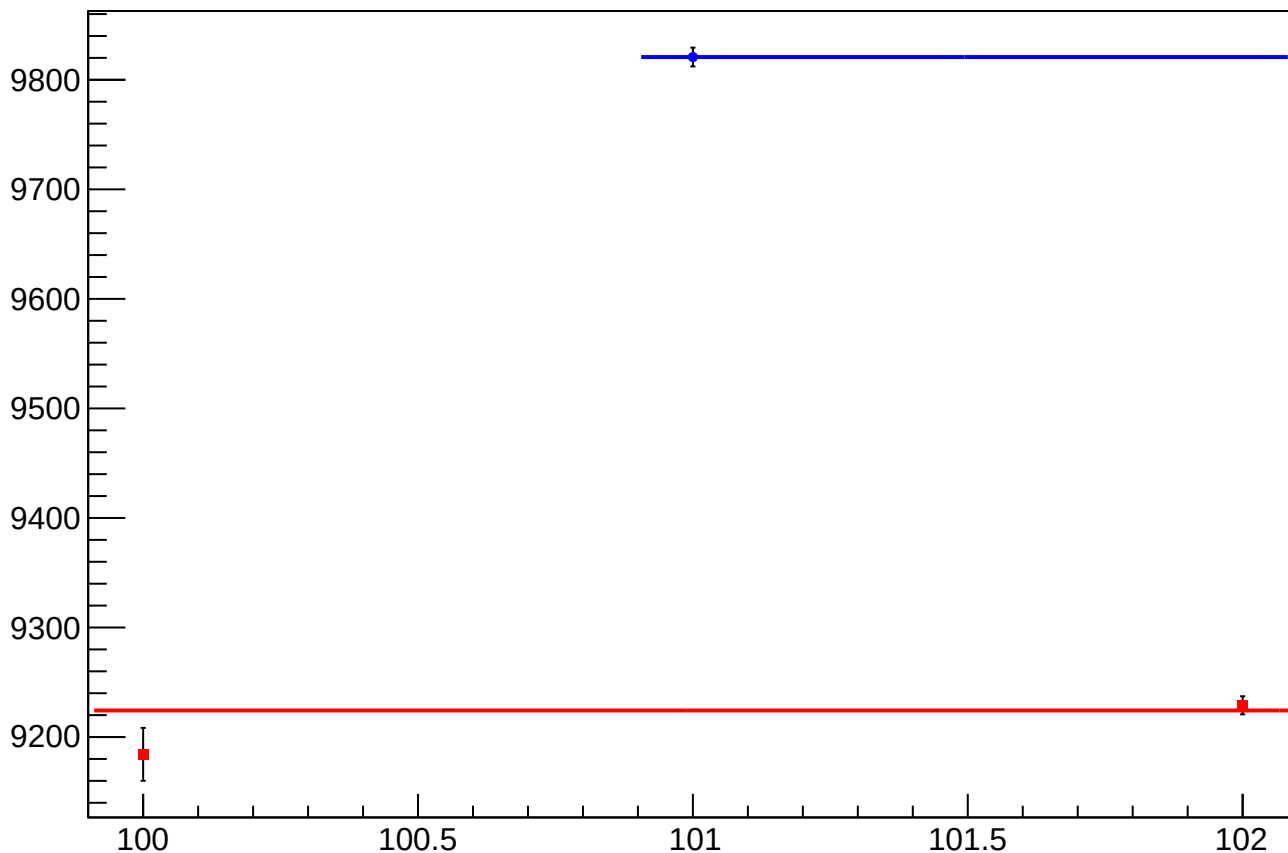
Right: -4172.732+/-8176.510 χ^2/NDF : 0.6/2

In: -2853.529+/-12128.111 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4172.732+/-8176.510 χ^2/NDF : 0.6/2

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 9820.756 $\pm$ 8.576 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 9224.256 $\pm$ 7.828 χ^2 /NDF: 3.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

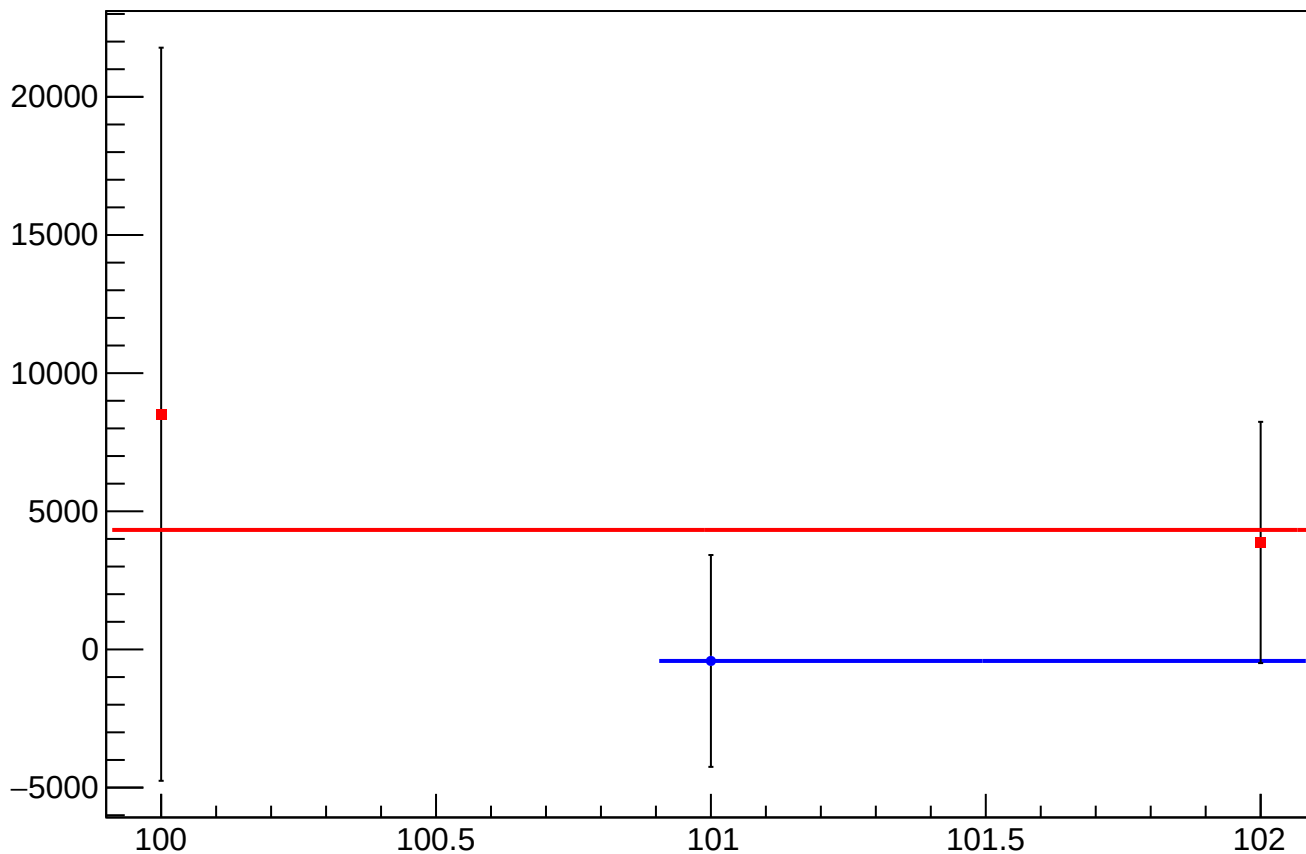
Right: 9495.375 $\pm$ 5.782 χ^2 /NDF: 2642.1/2

In: 9820.756 $\pm$ 8.576 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 9495.375 $\pm$ 5.782 χ^2 /NDF: 2642.1/2

dit_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: -416.234+/-3833.847 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4325.539+/-4146.996 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

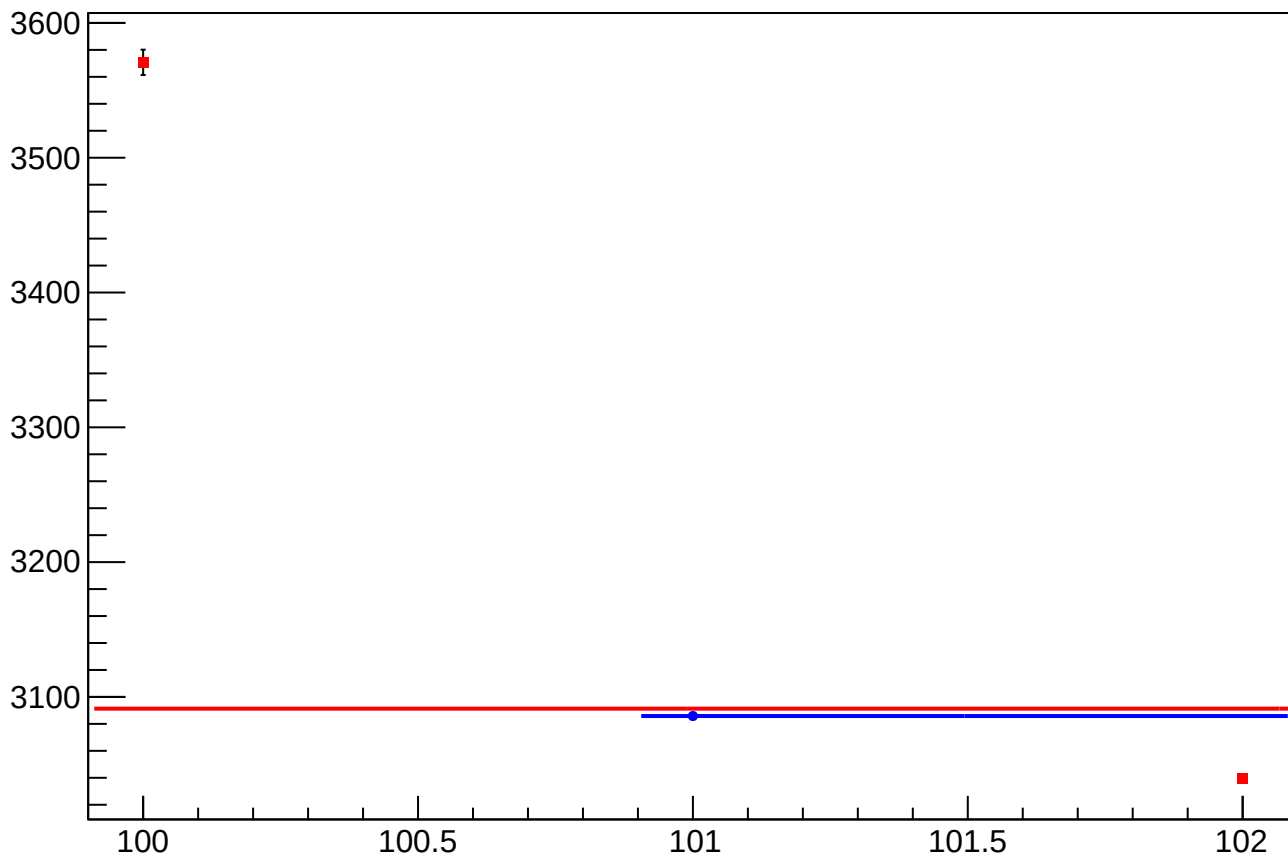
Right: 1768.883+/-2815.144 χ^2/NDF : 0.8/2

In: -416.234+/-3833.847 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1768.883+/-2815.144 χ^2/NDF : 0.8/2

dit_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3085.830+/-2.711 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3091.297+/-2.932 χ^2/NDF : 2895.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

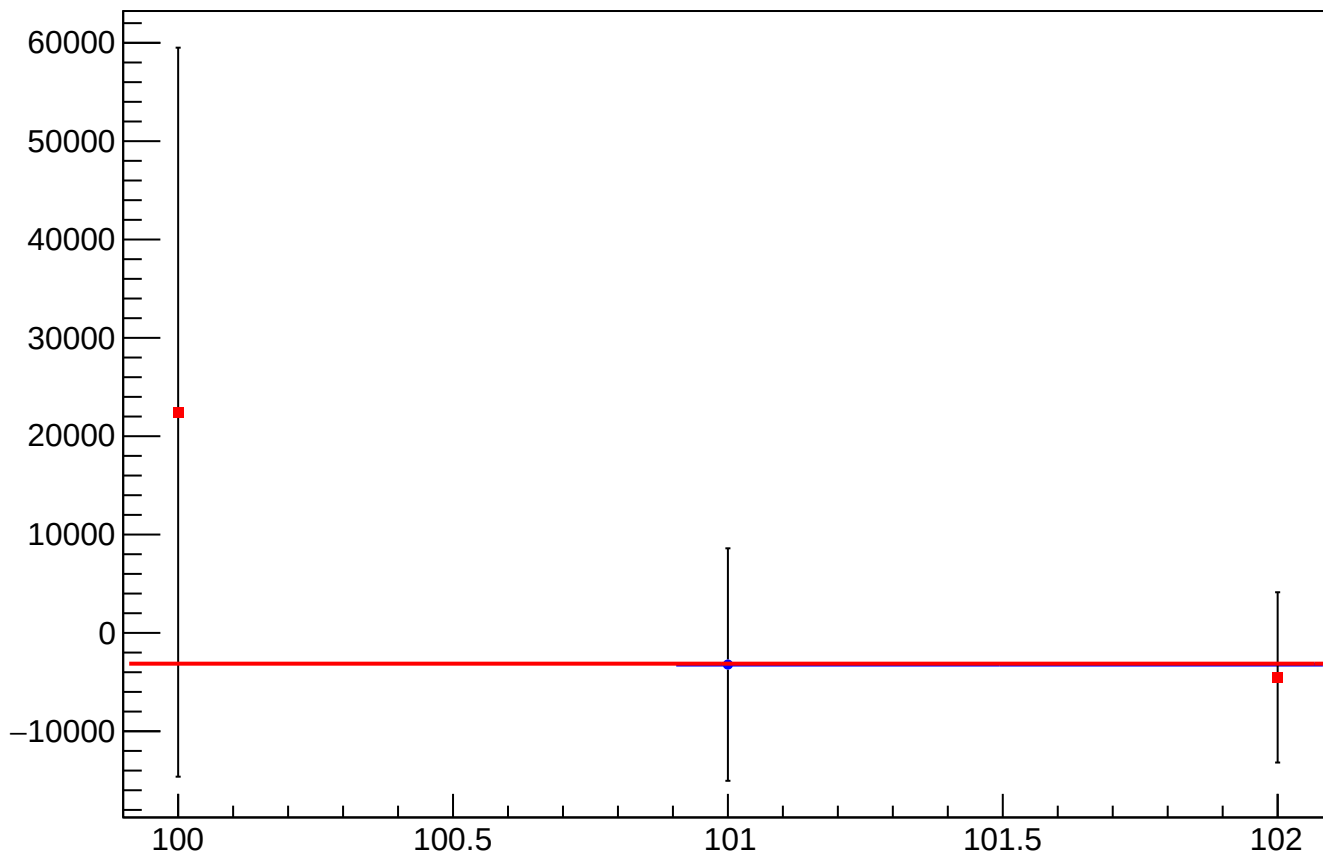
Right: 3088.350+/-1.991 χ^2/NDF : 2897.0/2

In: 3085.830+/-2.711 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3088.350+/-1.991 χ^2/NDF : 2897.0/2

asym_us_avg_at2lr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -3218.794+/-11819.997 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3129.233+/-8430.436 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

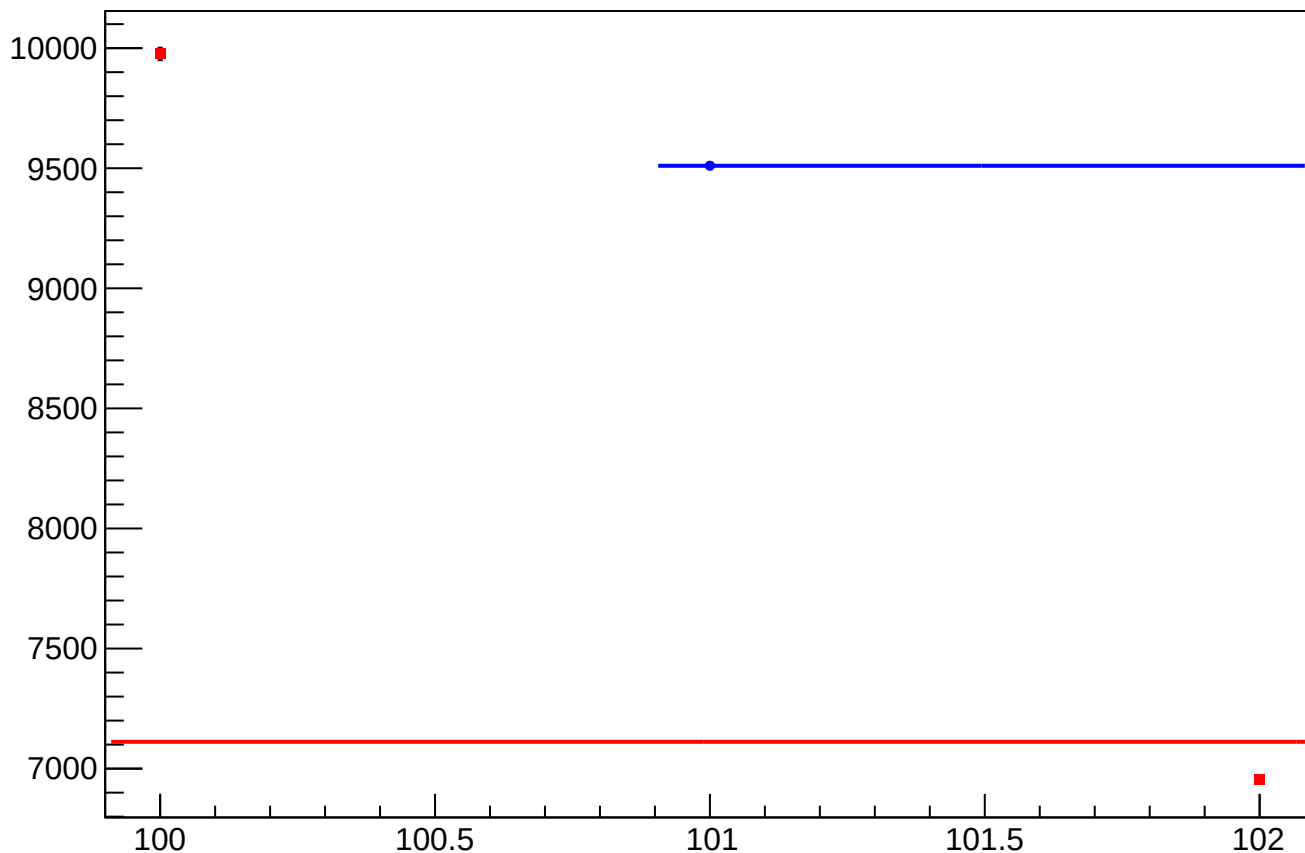
Right: -3159.431+/-6863.537 χ^2/NDF : 0.5/2

In: -3218.794+/-11819.997 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3159.431+/-6863.537 χ^2/NDF : 0.5/2

asym_us_avg_at2lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 9510.305 $\pm$ 8.358 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7111.718 $\pm$ 5.961 χ^2 /NDF: 12594.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

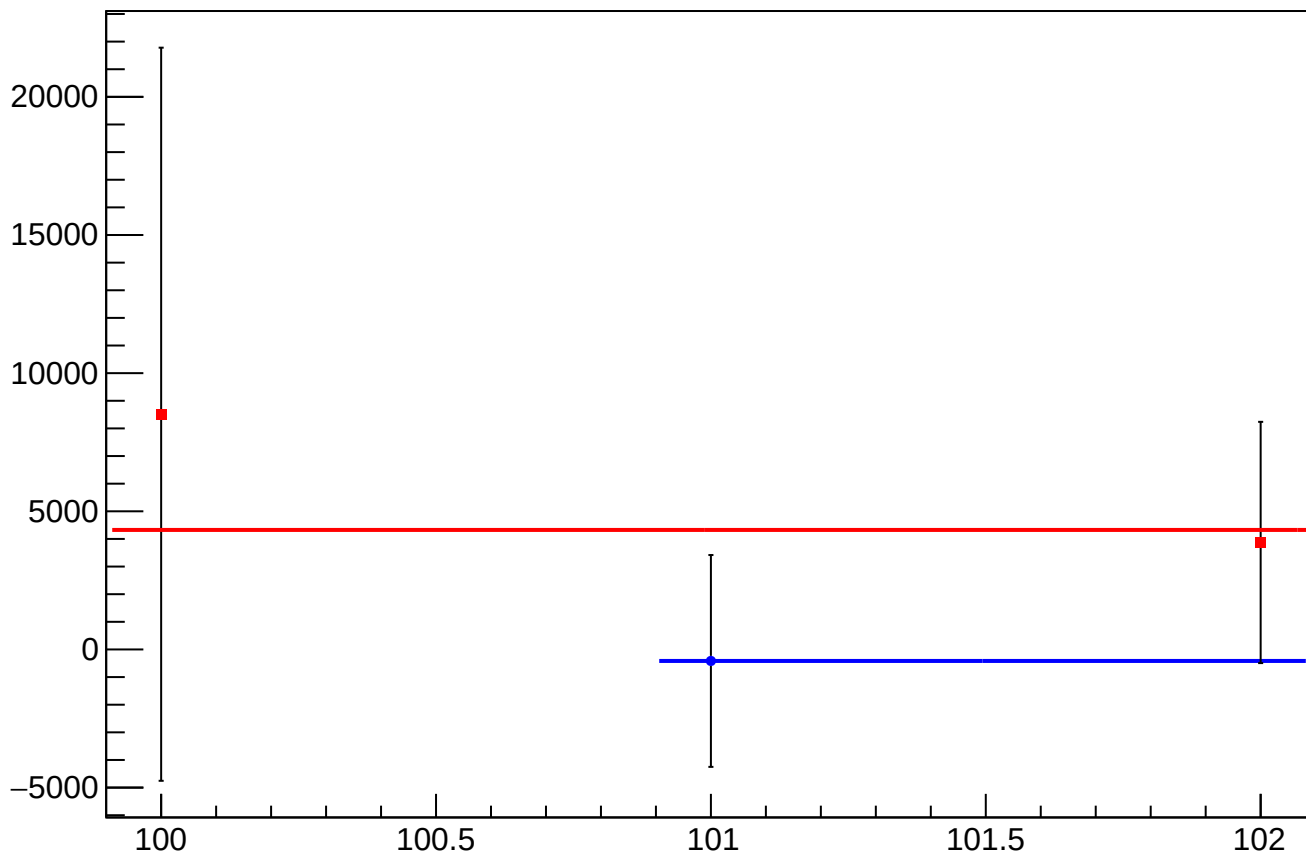
Right: 7920.473 $\pm$ 4.853 χ^2 /NDF: 67183.0/2

In: 9510.305 $\pm$ 8.358 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7920.473 $\pm$ 4.853 χ^2 /NDF: 67183.0/2

eigen_dit_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: -416.277+/-3833.847 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4325.563+/-4146.995 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

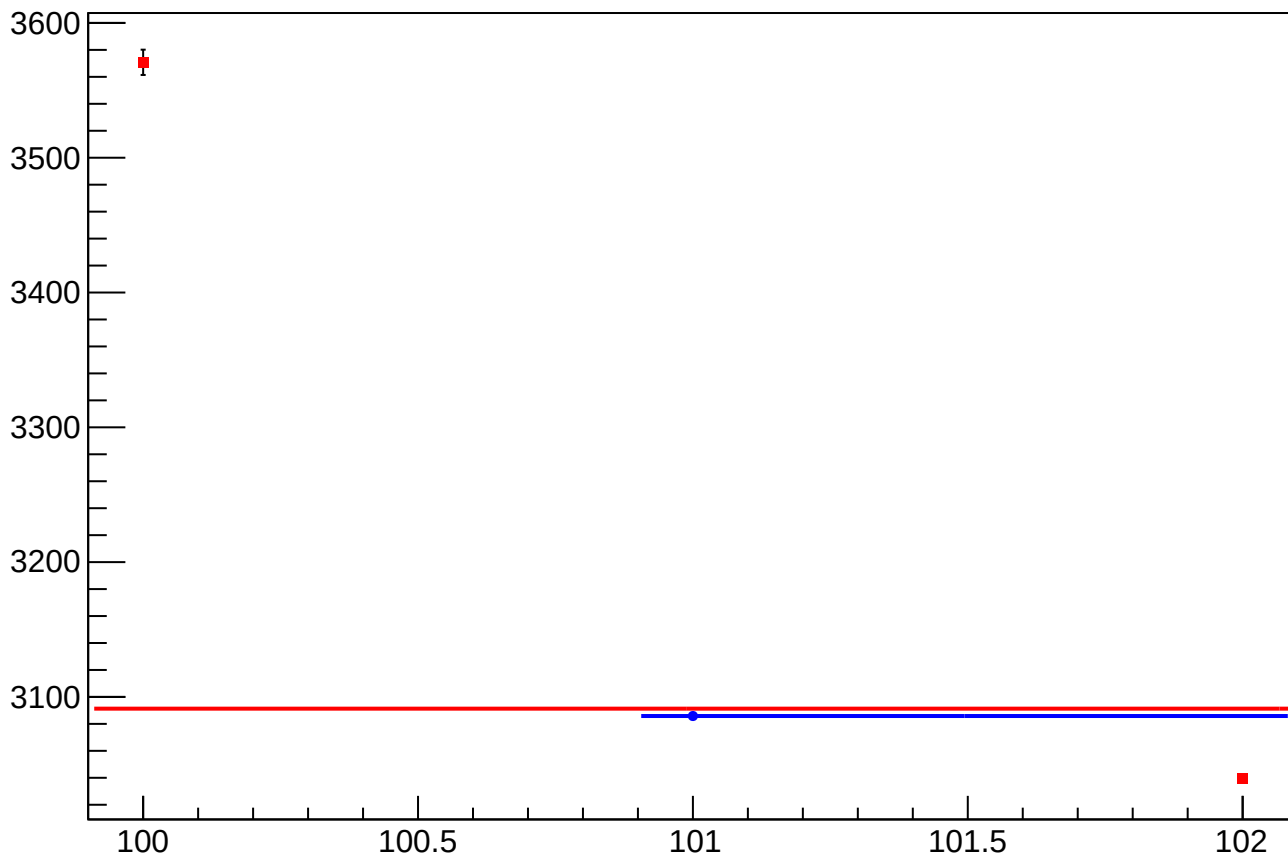
Right: 1768.871+/-2815.143 χ^2/NDF : 0.8/2

In: -416.277+/-3833.847 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1768.871+/-2815.143 χ^2/NDF : 0.8/2

eigen_dit_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3085.830+/-2.711 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3091.296+/-2.932 χ^2/NDF : 2895.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

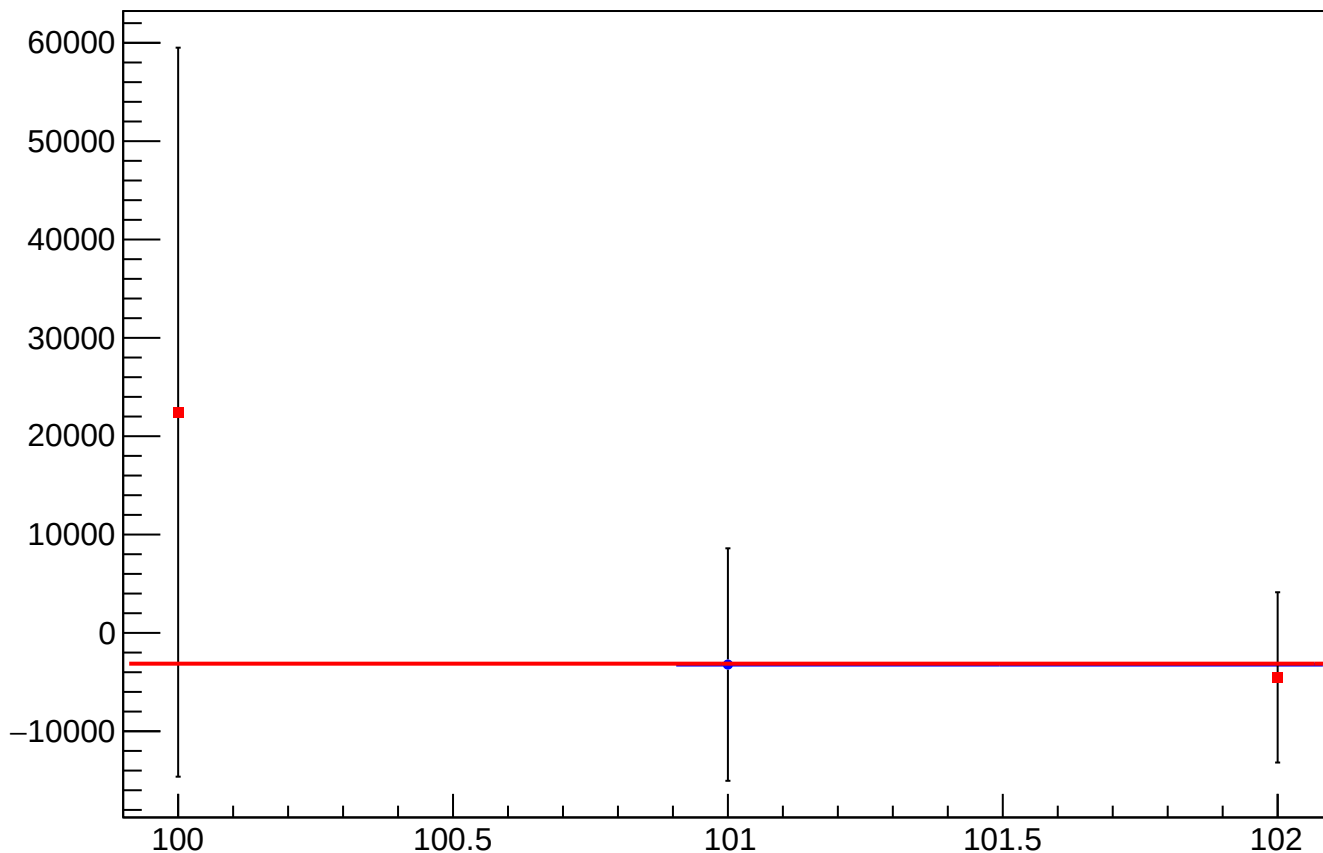
Right: 3088.349+/-1.991 χ^2/NDF : 2897.0/2

In: 3085.830+/-2.711 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3088.349+/-1.991 χ^2/NDF : 2897.0/2

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -3218.825+/-11819.982 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3129.222+/-8430.430 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

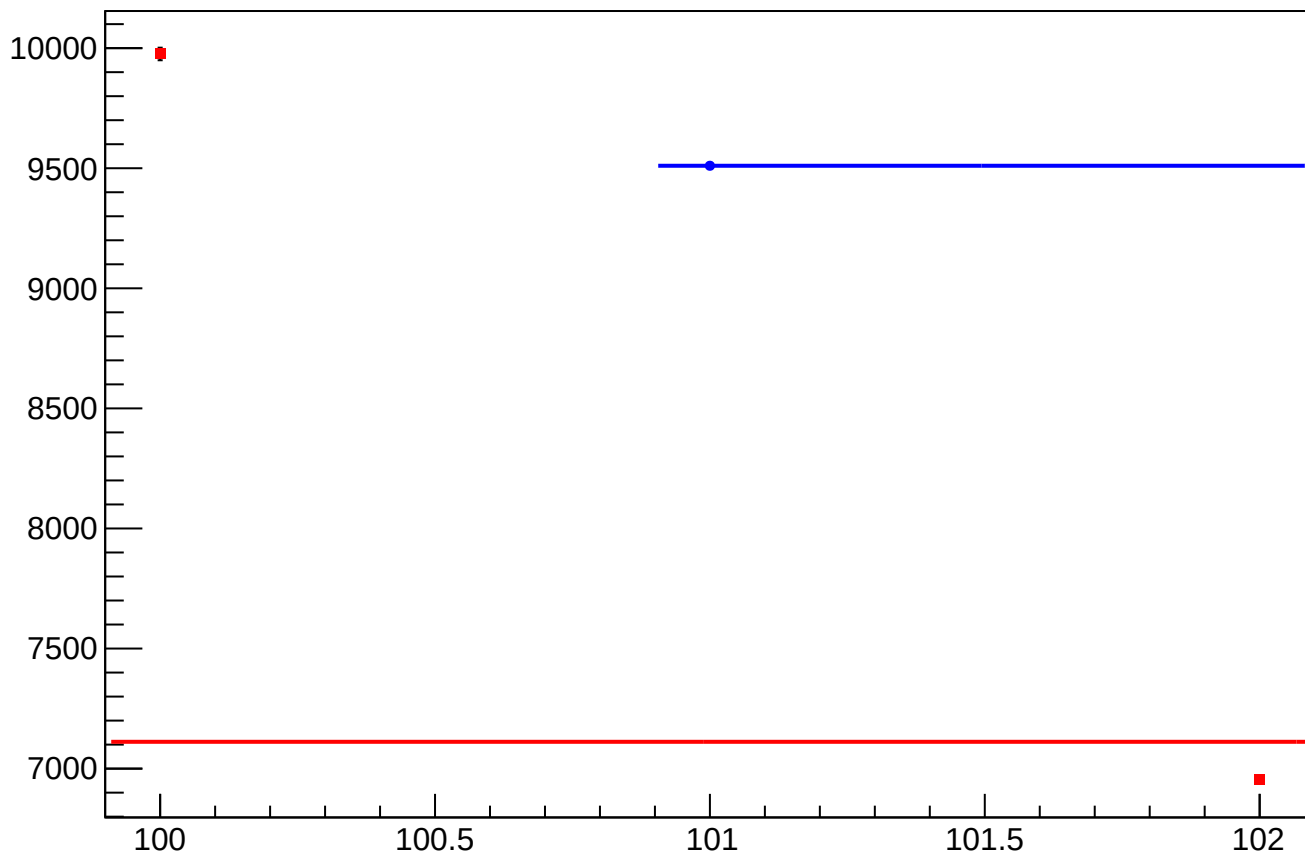
Right: -3159.435+/-6863.531 χ^2/NDF : 0.5/2

In: -3218.825+/-11819.982 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3159.435+/-6863.531 χ^2/NDF : 0.5/2

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 9510.294 $\pm$ 8.358 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7111.713 $\pm$ 5.961 χ^2 /NDF: 12594.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

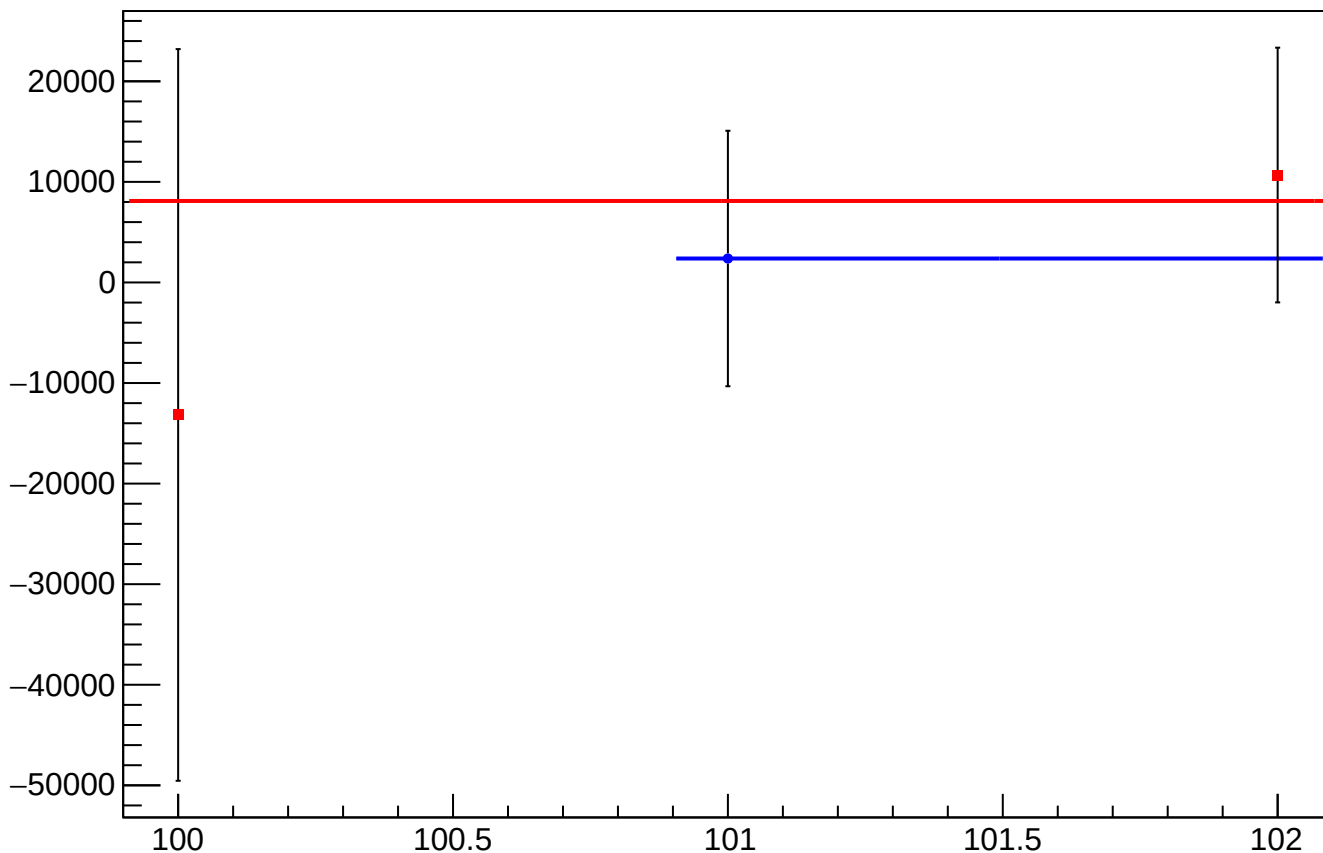
Right: 7920.466 $\pm$ 4.853 χ^2 /NDF: 67182.7/2

In: 9510.294 $\pm$ 8.358 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7920.466 $\pm$ 4.853 χ^2 /NDF: 67182.7/2

asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2380.086+/-12701.452 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8101.858+/-11959.185 χ^2/NDF : 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

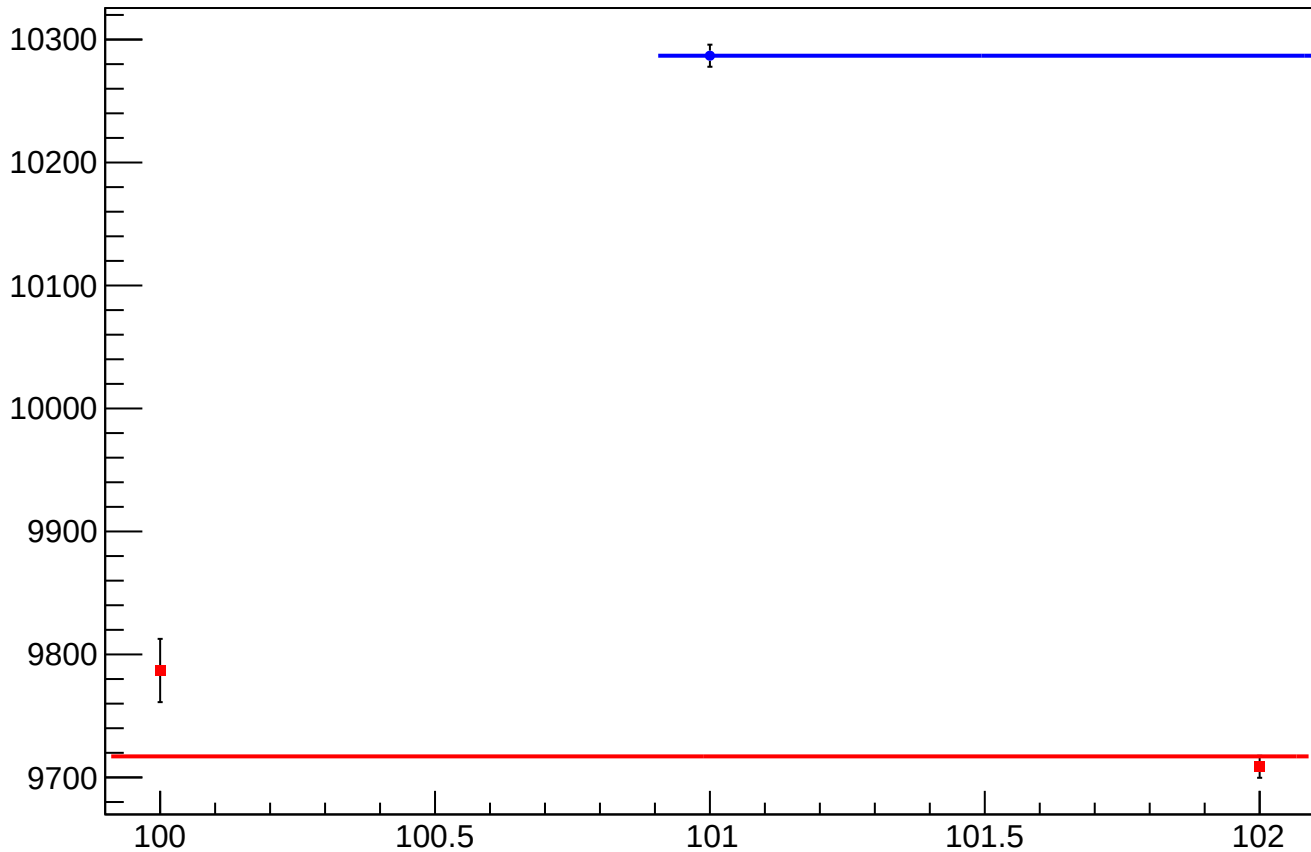
Right: 5413.037+/-8707.009 χ^2/NDF : 0.5/2

In: 2380.086+/-12701.452 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5413.037+/-8707.009 χ^2/NDF : 0.5/2

asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 10286.846 $\pm$ 8.981 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9717.105 $\pm$ 8.456 χ^2 /NDF: 8.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

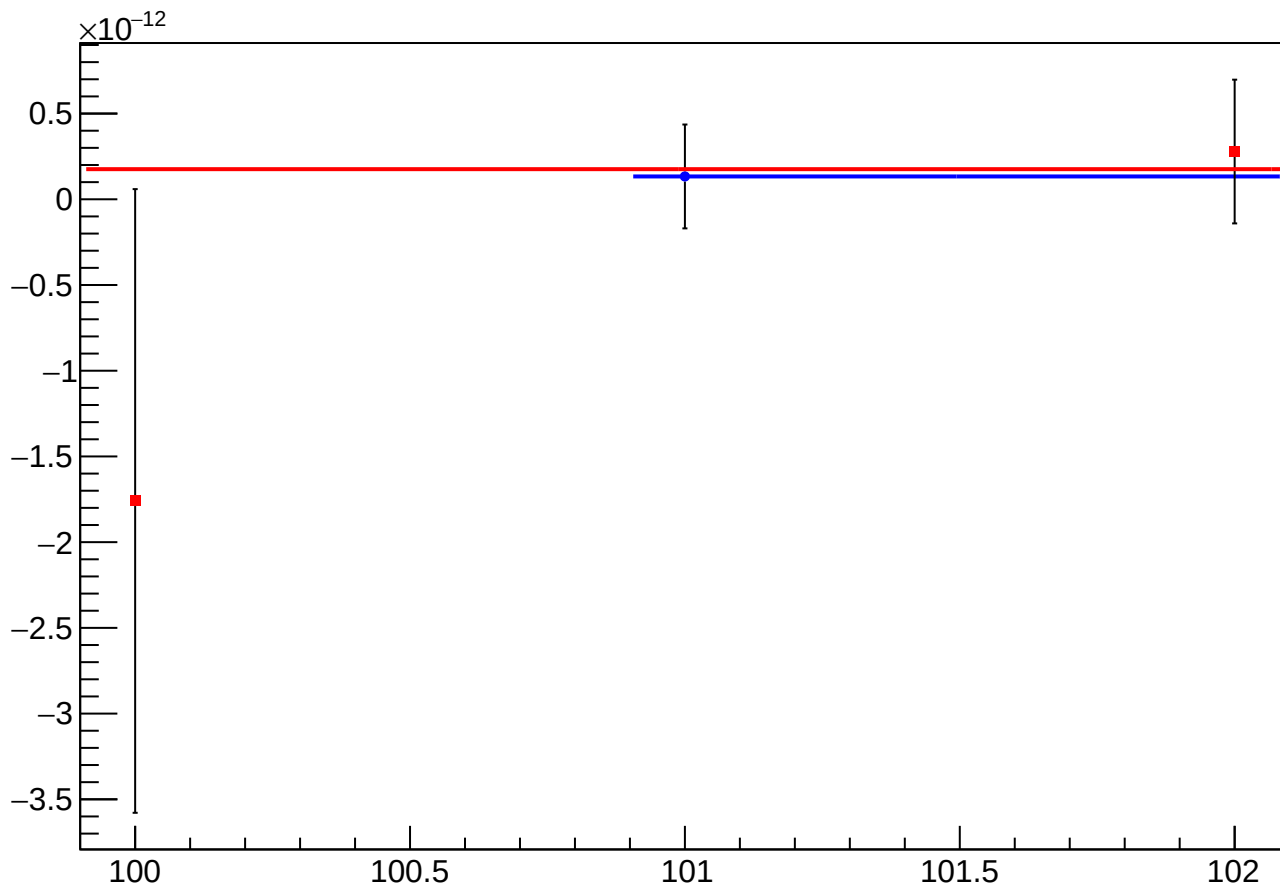
Right: 9984.816 $\pm$ 6.156 χ^2 /NDF: 2141.6/2

In: 10286.846 $\pm$ 8.981 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9984.816 $\pm$ 6.156 χ^2 /NDF: 2141.6/2

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_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 : 1.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

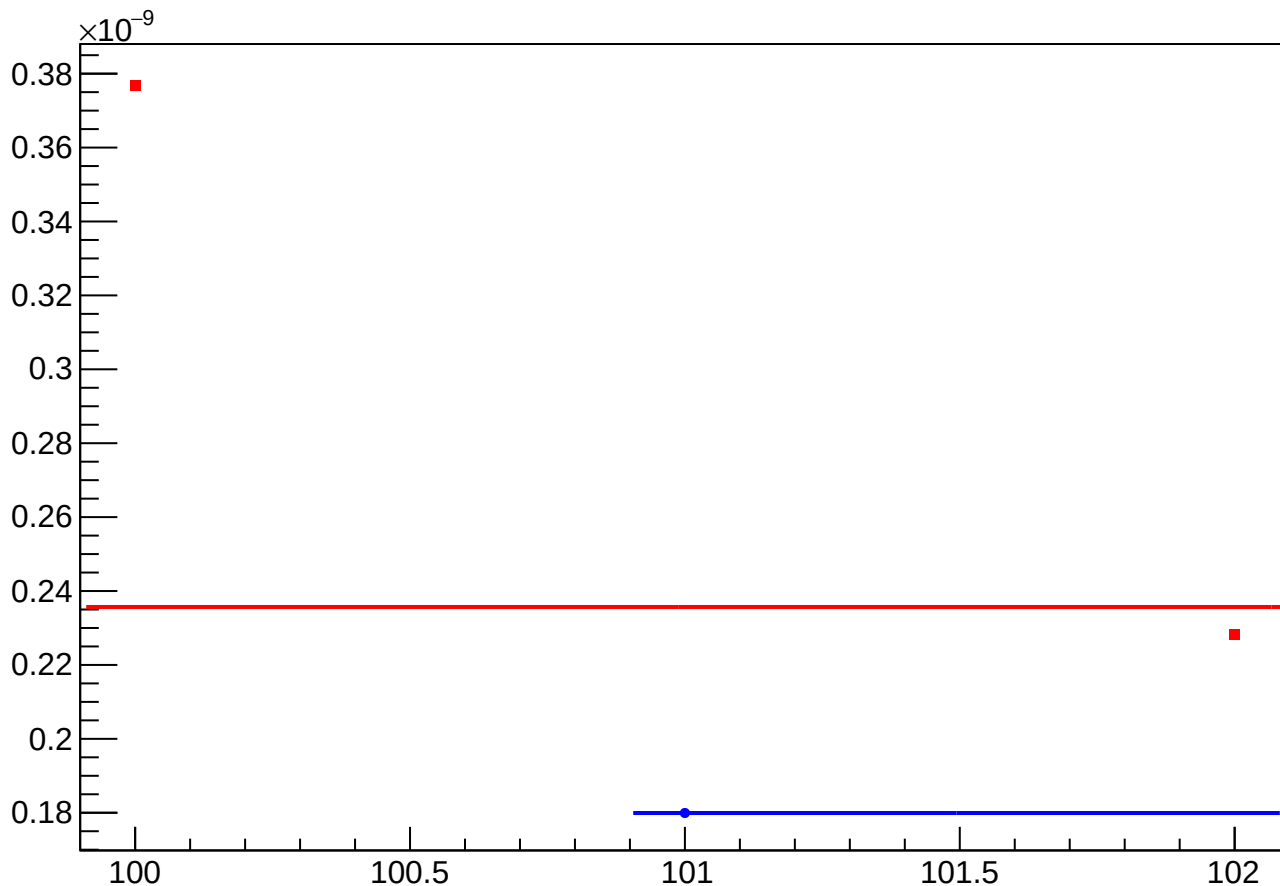
Right: 0.000+/-0.000 χ^2/NDF : 1.2/2

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 : 1.2/2

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_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 : 12680.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

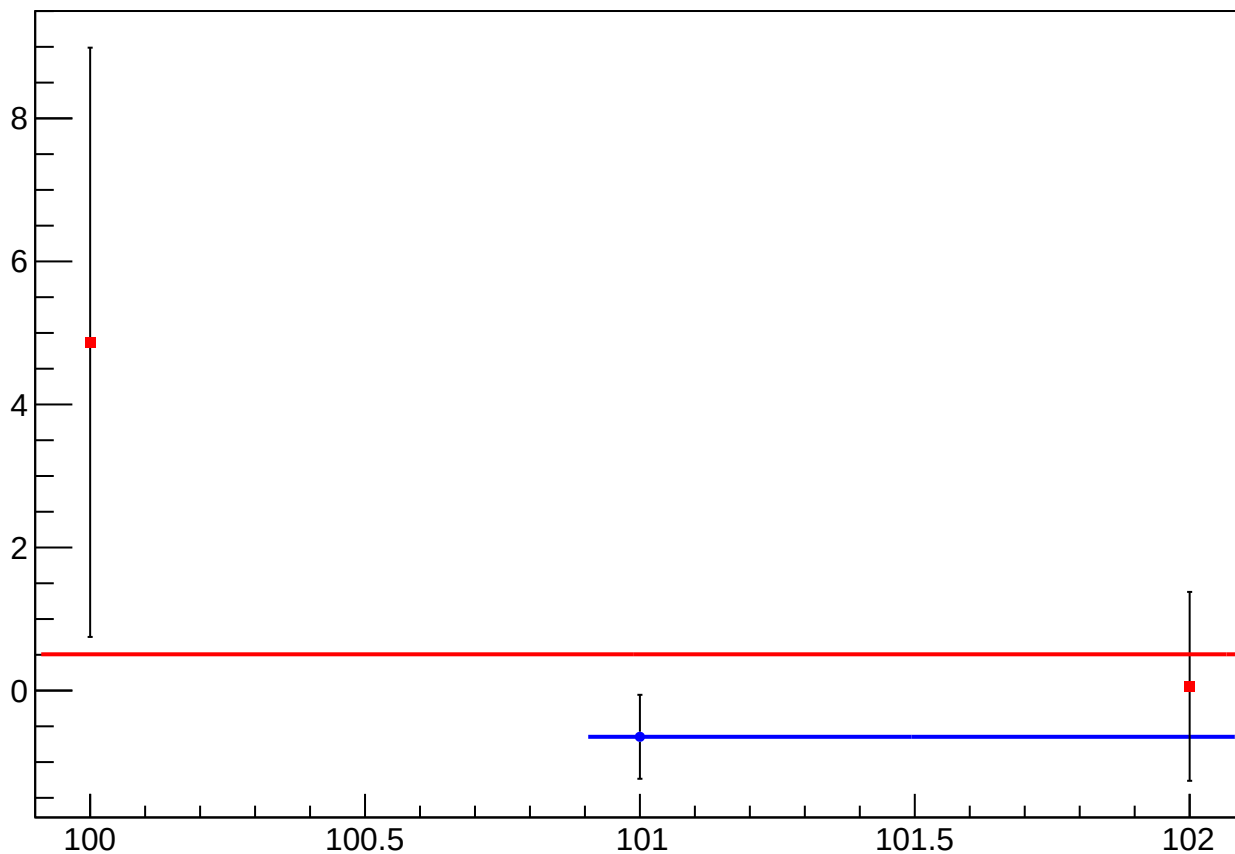
Right: 0.000+/-0.000 χ^2/NDF : 36716.0/2

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 : 36716.0/2

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.647 $\pm$ 0.587 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.507 $\pm$ 1.257 χ^2 /NDF: 1.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

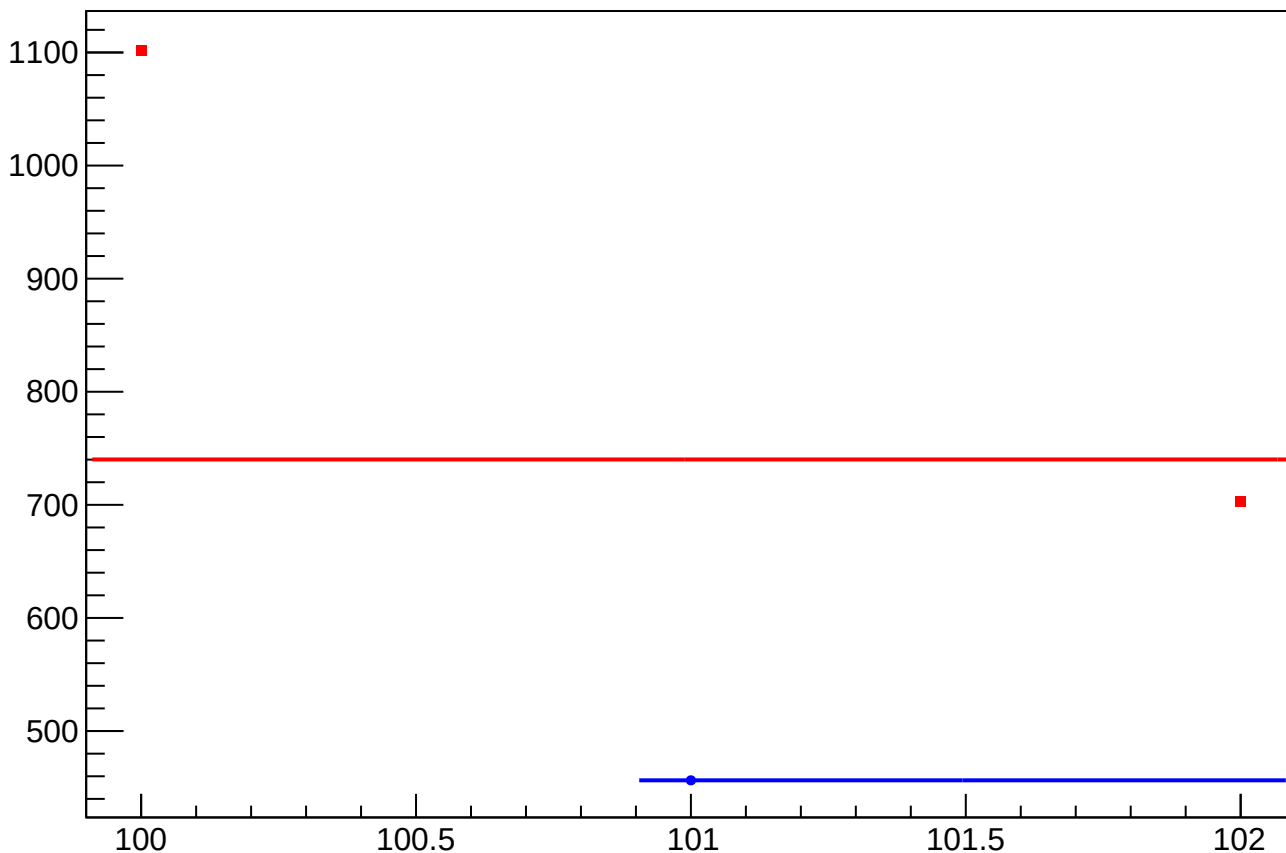
Right: -0.440 $\pm$ 0.532 χ^2 /NDF: 1.9/2

In: -0.647 $\pm$ 0.587 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.440 $\pm$ 0.532 χ^2 /NDF: 1.9/2

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 456.411+/-0.415 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 740.144+/-0.889 χ^2/NDF : 16955.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

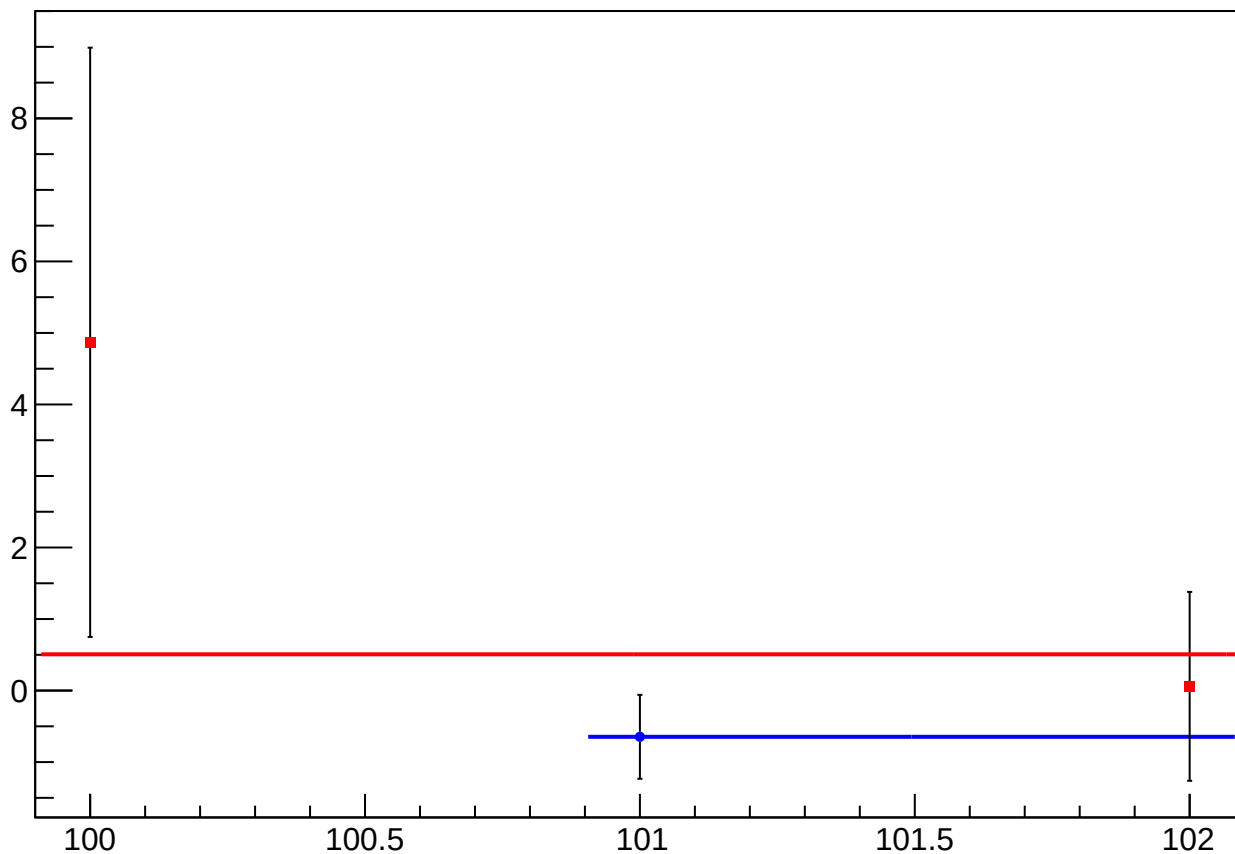
Right: 507.171+/-0.376 χ^2/NDF : 100570.5/2

In: 456.411+/-0.415 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 507.171+/-0.376 χ^2/NDF : 100570.5/2

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.647 $\pm$ 0.587 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.507 $\pm$ 1.257 χ^2 /NDF: 1.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

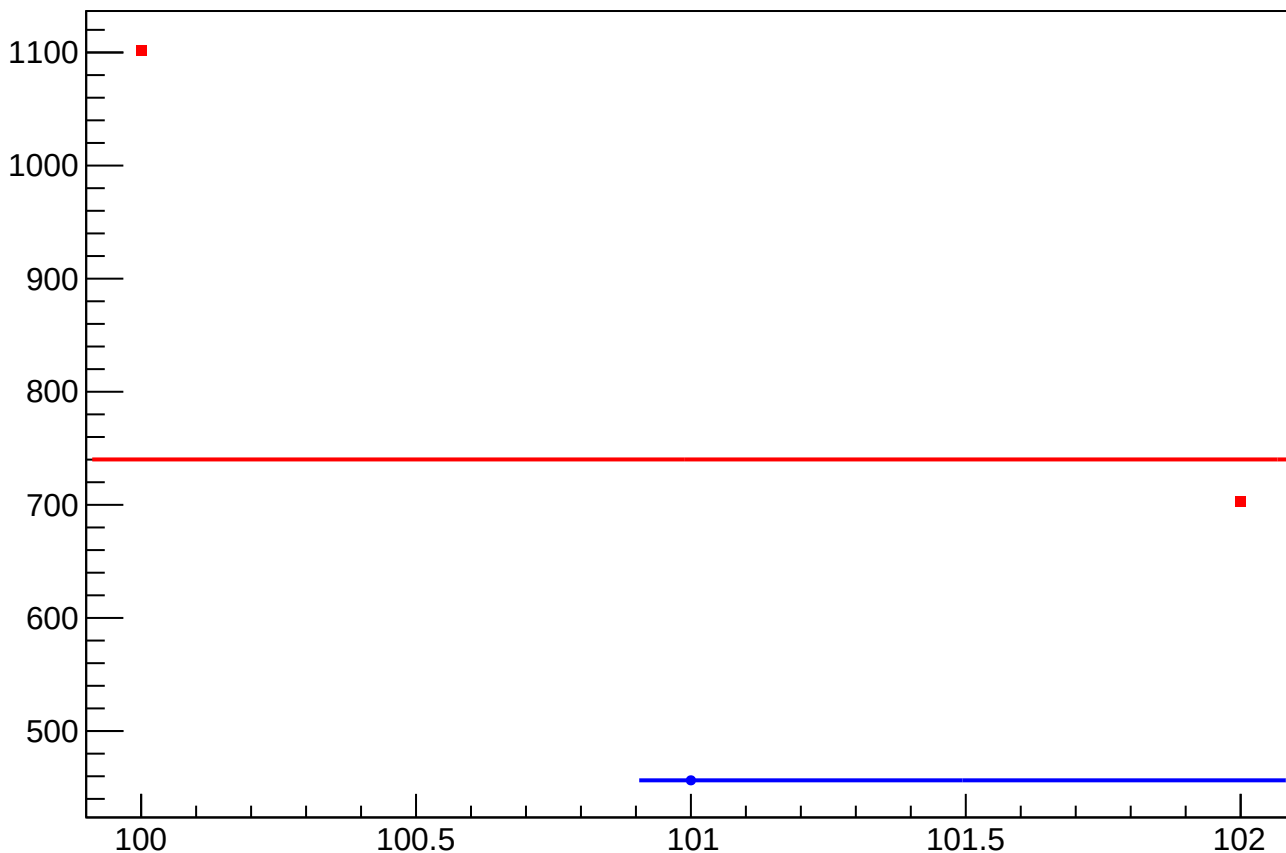
Right: -0.440 $\pm$ 0.532 χ^2 /NDF: 1.9/2

In: -0.647 $\pm$ 0.587 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.440 $\pm$ 0.532 χ^2 /NDF: 1.9/2

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 456.411 $\pm$ 0.415 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 740.144 $\pm$ 0.889 χ^2 /NDF: 16955.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

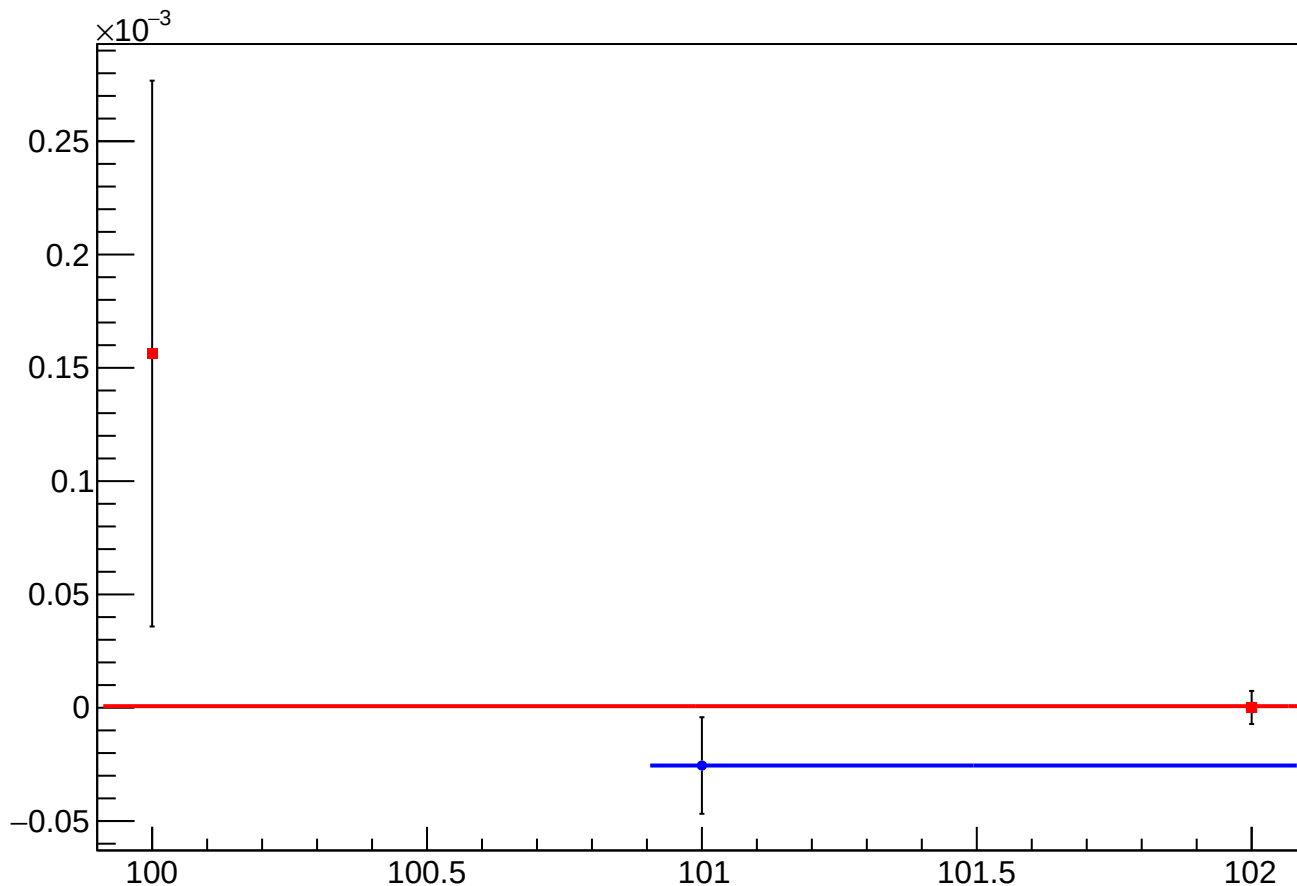
Right: 507.171 $\pm$ 0.376 χ^2 /NDF: 100570.5/2

In: 456.411 $\pm$ 0.415 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 507.171 $\pm$ 0.376 χ^2 /NDF: 100570.5/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

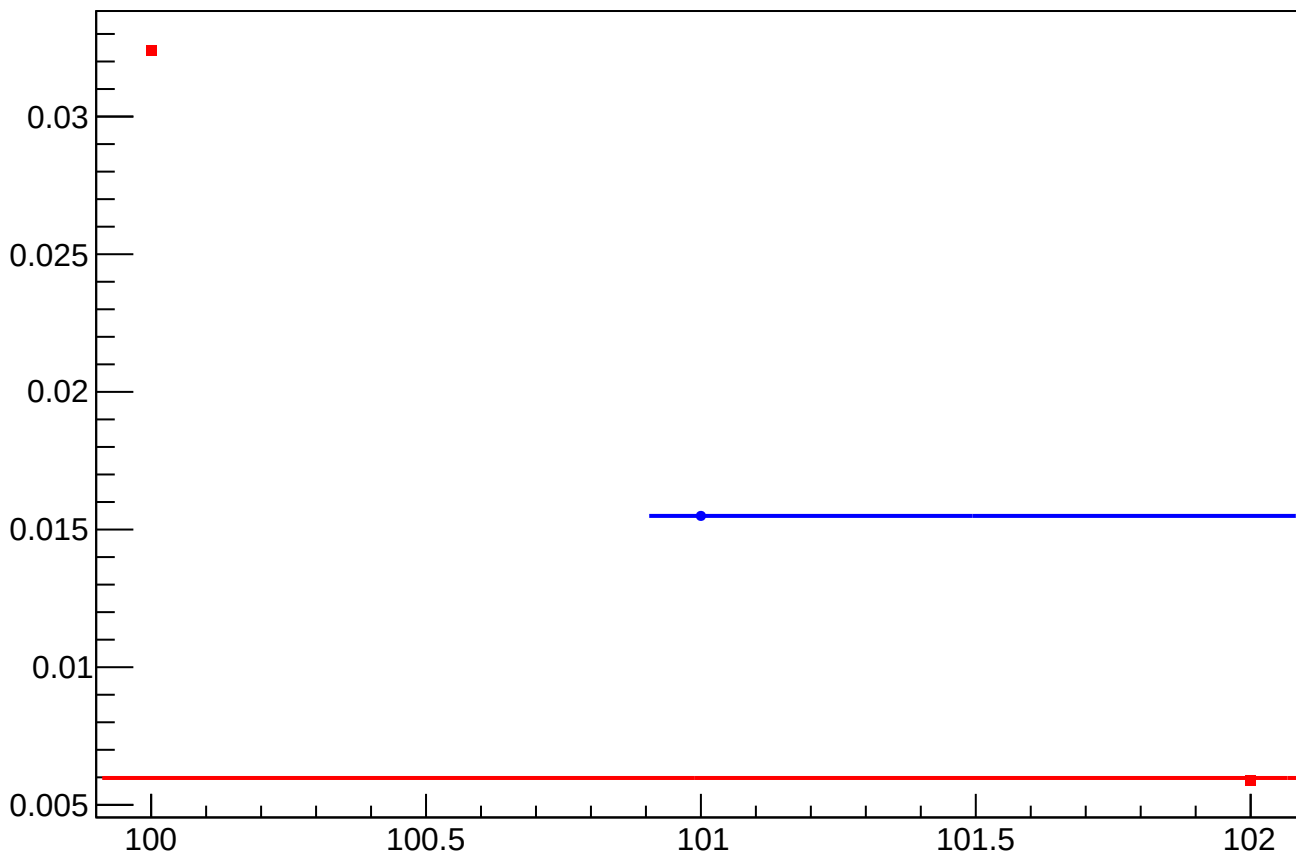
Right: -0.000+/-0.000 χ^2/NDF : 3.0/2

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 : 3.0/2

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 96745.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

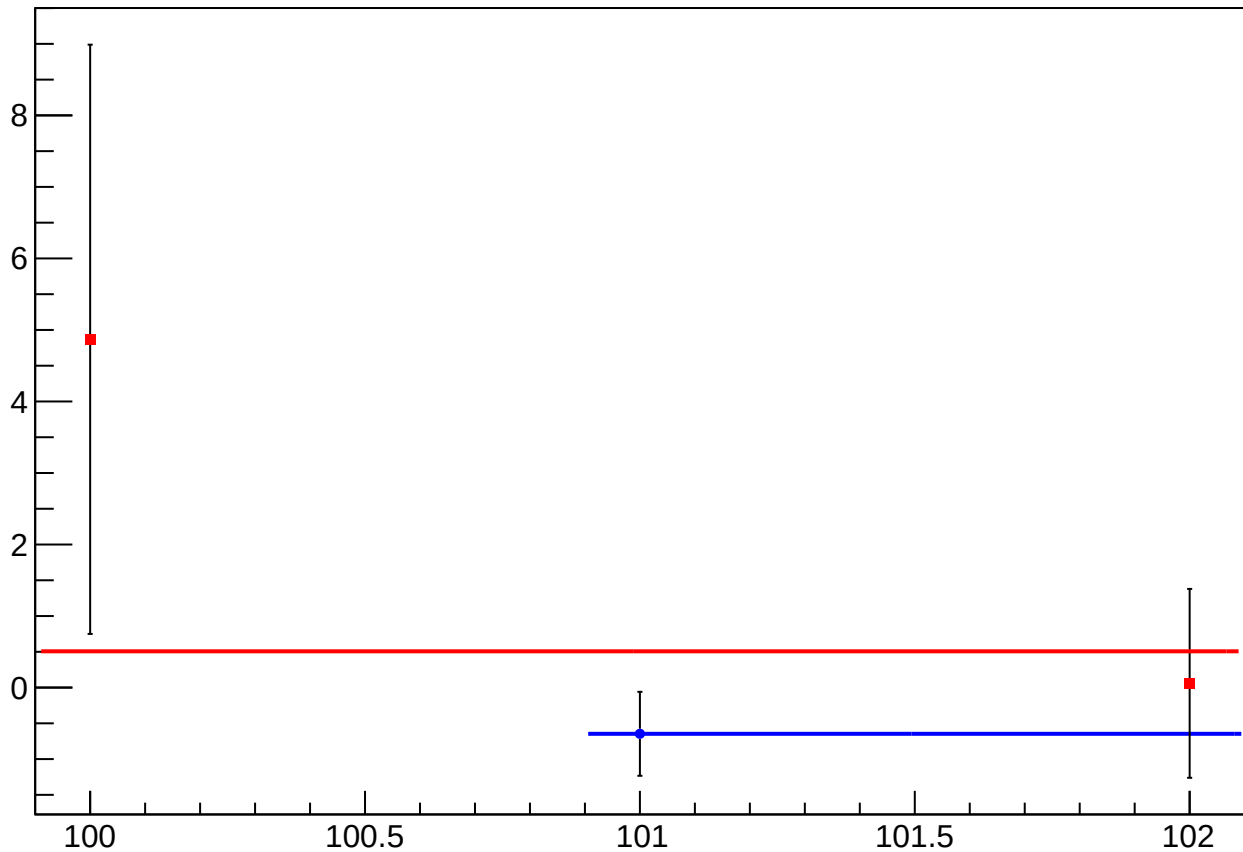
Right: 0.007+/-0.000 χ^2/NDF : 454078.6/2

In: 0.015+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 454078.6/2

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.647 $\pm$ 0.587 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.507 $\pm$ 1.257 χ^2 /NDF: 1.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

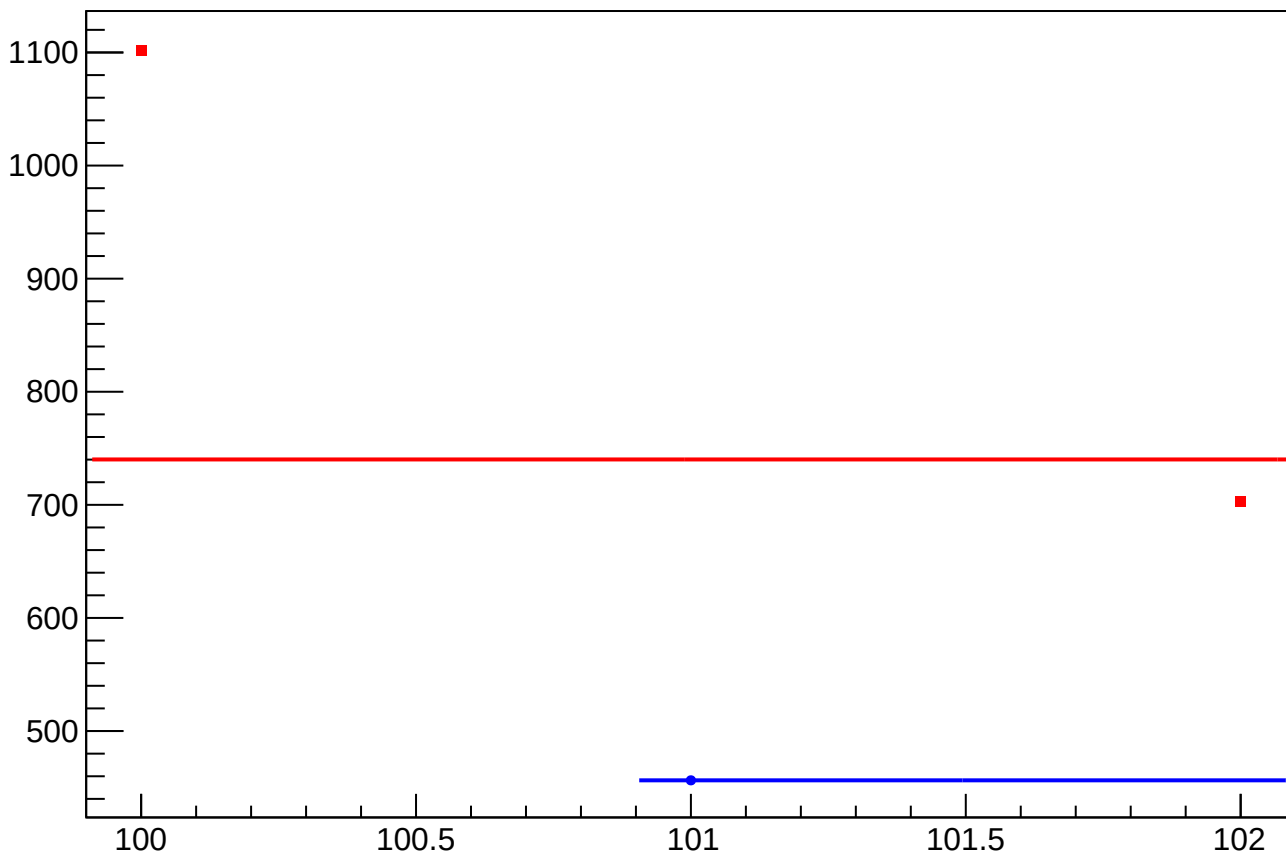
Right: -0.440 $\pm$ 0.532 χ^2 /NDF: 1.9/2

In: -0.647 $\pm$ 0.587 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.440 $\pm$ 0.532 χ^2 /NDF: 1.9/2

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 456.406 $\pm$ 0.415 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 740.138 $\pm$ 0.889 χ^2 /NDF: 16955.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

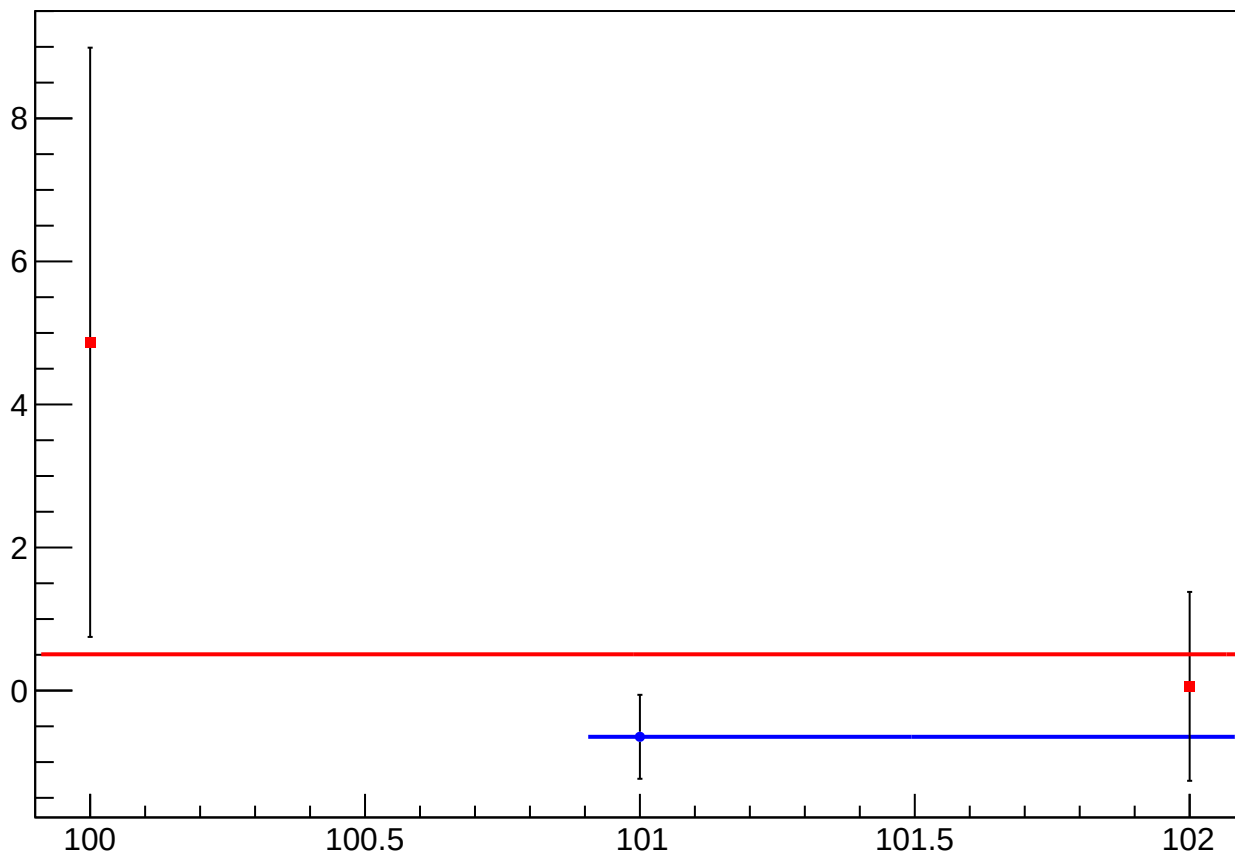
Right: 507.166 $\pm$ 0.376 χ^2 /NDF: 100571.3/2

In: 456.406 $\pm$ 0.415 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 507.166 $\pm$ 0.376 χ^2 /NDF: 100571.3/2

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.647 $\pm$ 0.587 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.507 $\pm$ 1.257 χ^2 /NDF: 1.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

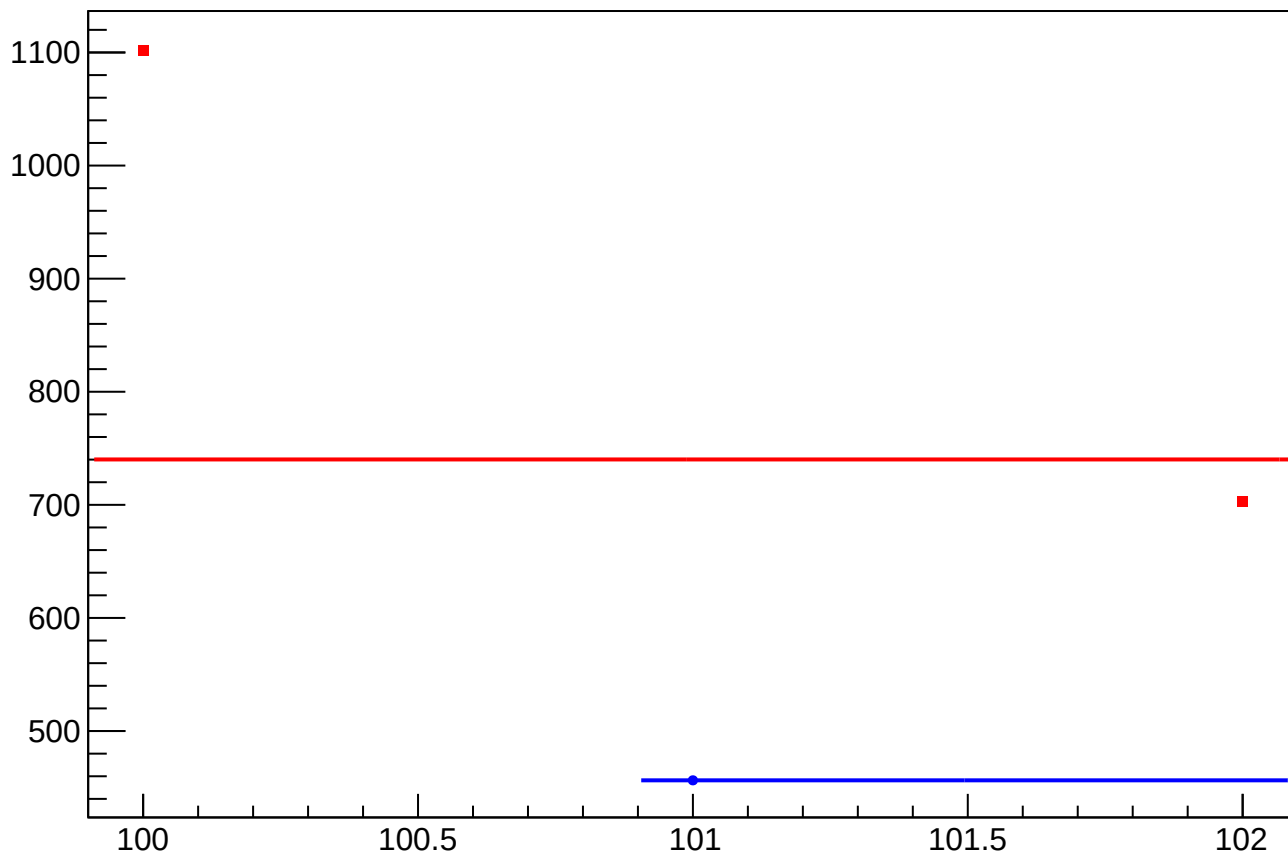
Right: -0.440 $\pm$ 0.532 χ^2 /NDF: 1.9/2

In: -0.647 $\pm$ 0.587 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.440 $\pm$ 0.532 χ^2 /NDF: 1.9/2

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 456.406 $\pm$ 0.415 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 740.138 $\pm$ 0.889 χ^2 /NDF: 16955.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

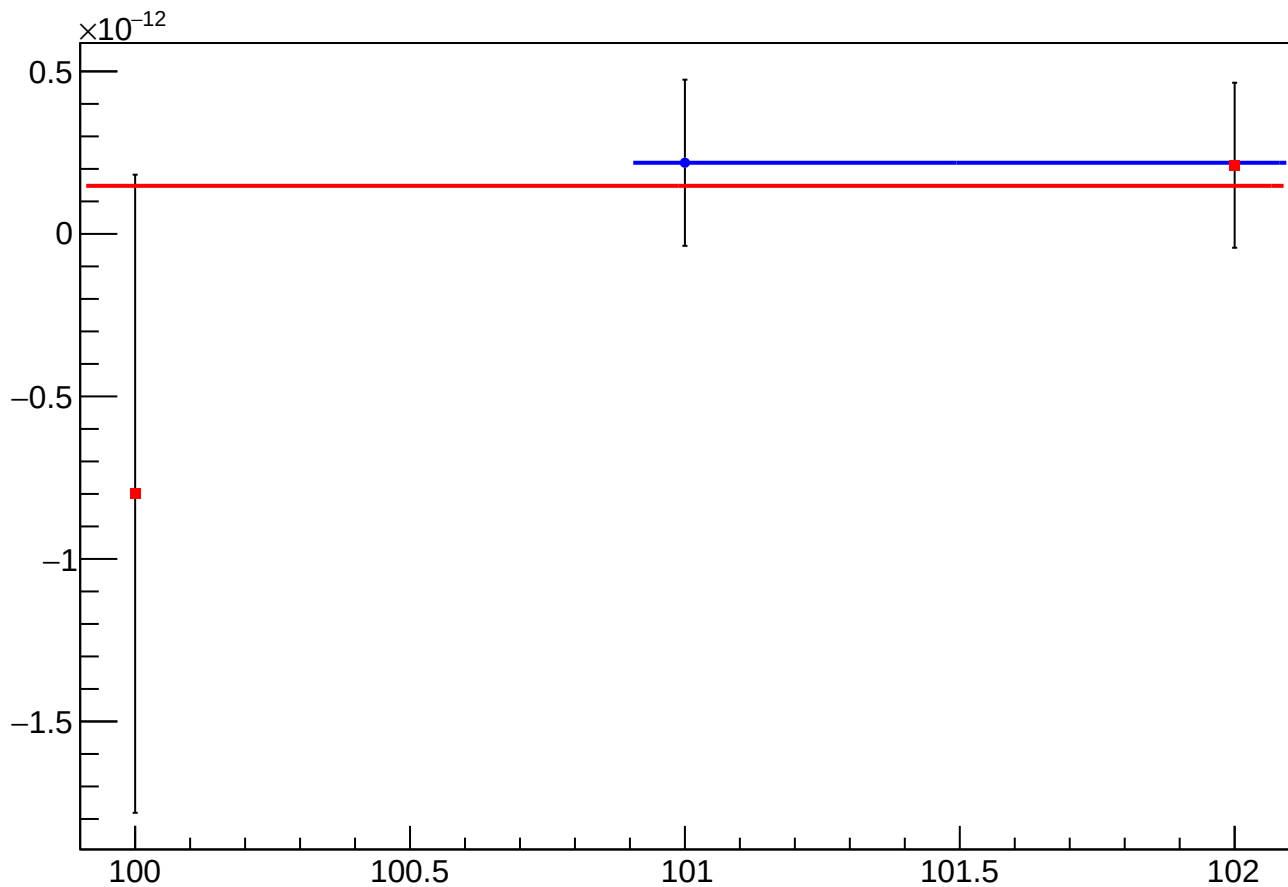
Right: 507.166 $\pm$ 0.376 χ^2 /NDF: 100571.3/2

In: 456.406 $\pm$ 0.415 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 507.166 $\pm$ 0.376 χ^2 /NDF: 100571.3/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

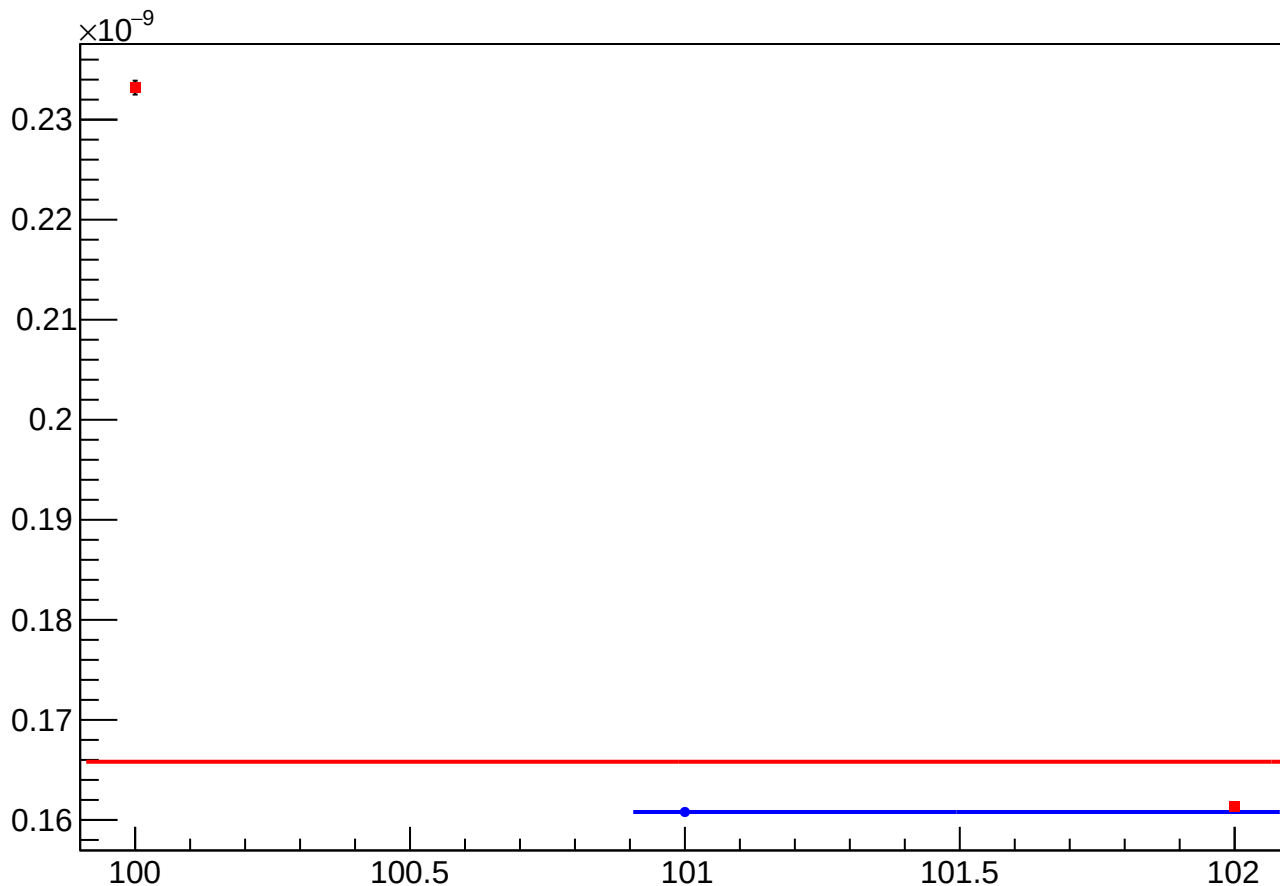
Right: 0.000+/-0.000 χ^2/NDF : 1.0/2

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 : 1.0/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10055.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

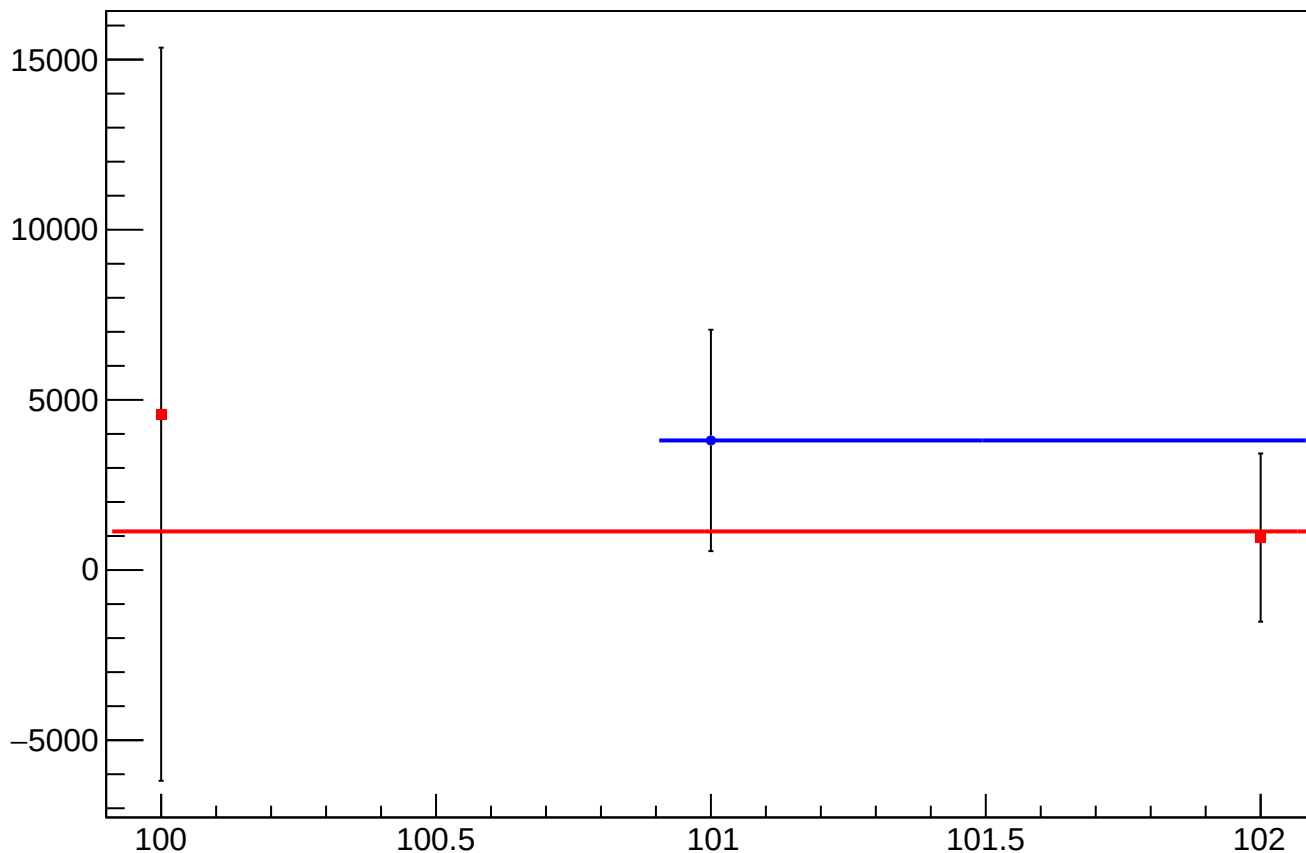
Right: 0.000+/-0.000 χ^2/NDF : 10456.7/2

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 : 10456.7/2

reg_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 3808.220 $\pm$ 3252.306 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1134.923 $\pm$ 2408.576 χ^2/NDF : 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

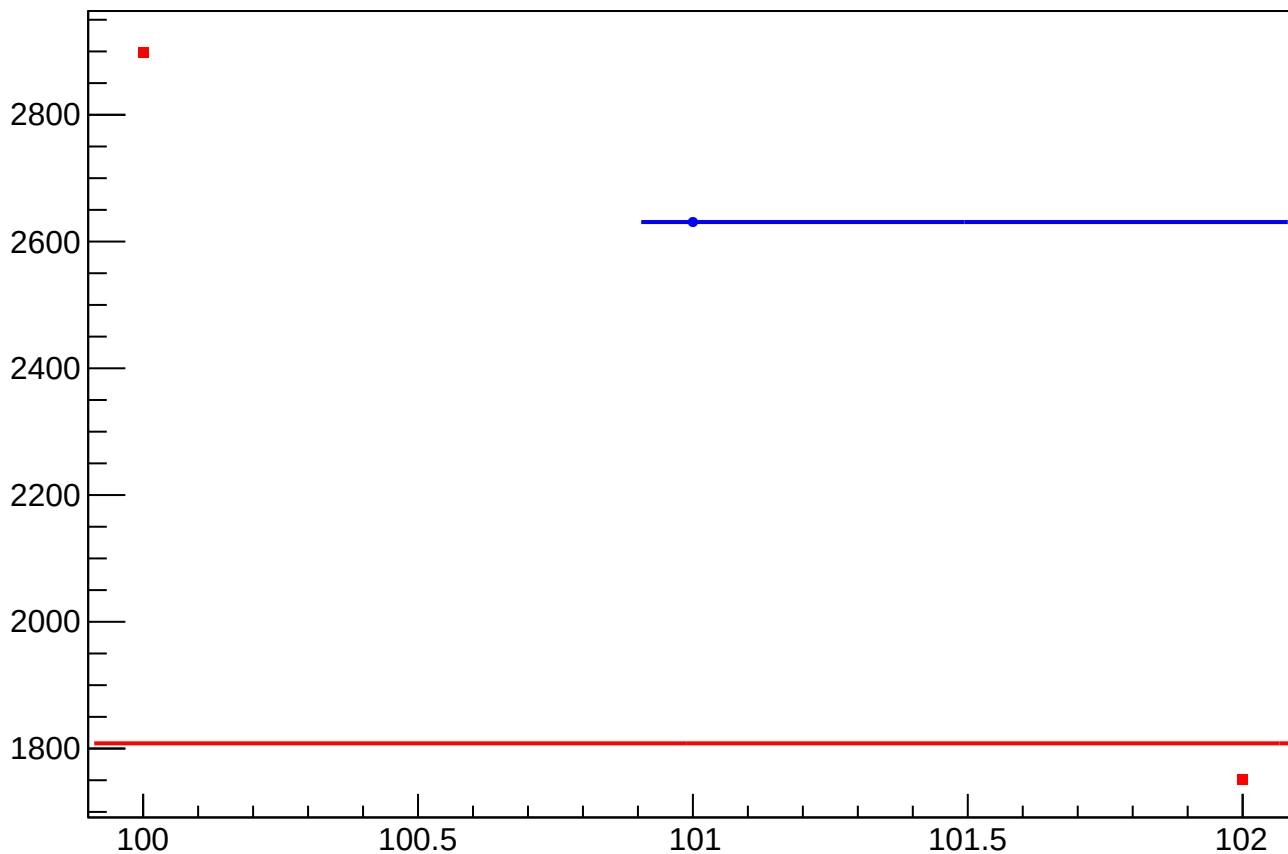
Right: 2081.787 $\pm$ 1935.582 χ^2/NDF : 0.5/2

In: 3808.220 $\pm$ 3252.306 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 2081.787 $\pm$ 1935.582 χ^2/NDF : 0.5/2

reg_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2630.792 $\pm$ 2.300 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1808.224 $\pm$ 1.703 χ^2 /NDF: 21561.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

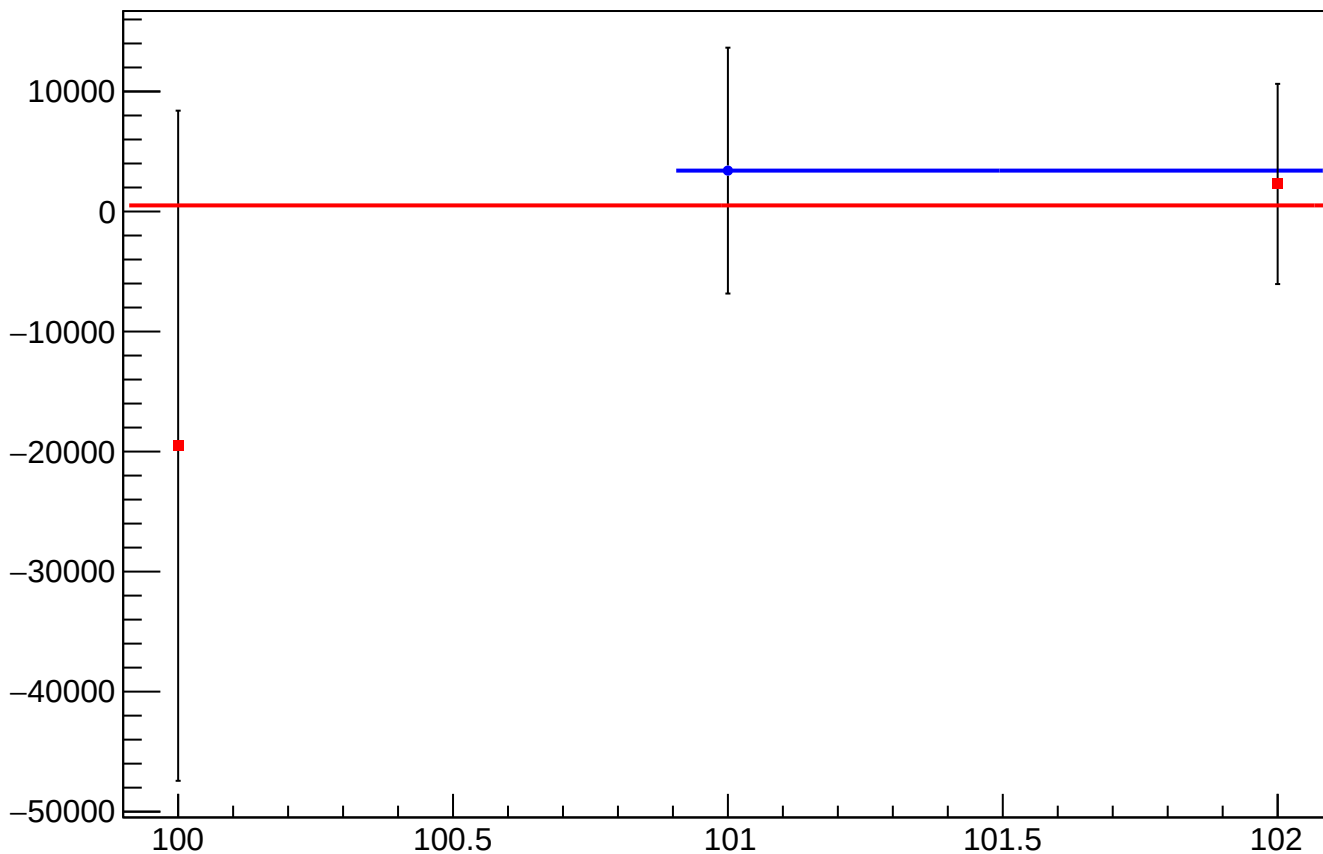
Right: 2099.571 $\pm$ 1.369 χ^2 /NDF: 104183.6/2

In: 2630.792 $\pm$ 2.300 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2099.571 $\pm$ 1.369 χ^2 /NDF: 104183.6/2

asym_us_avg_at2lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 3407.906+/-10242.120 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 508.573+/-7991.057 χ^2/NDF : 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

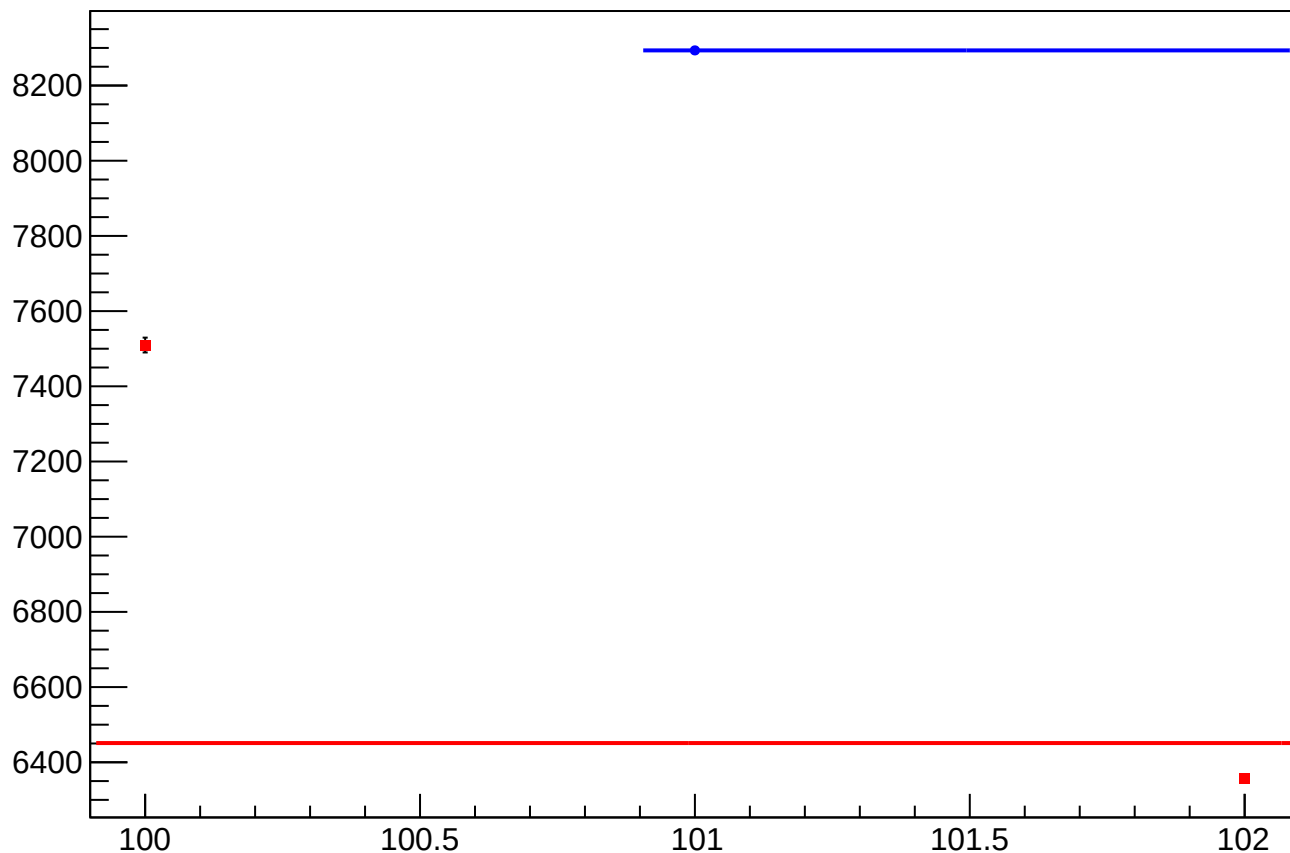
Right: 1605.662+/-6300.309 χ^2/NDF : 0.6/2

In: 3407.906+/-10242.120 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1605.662+/-6300.309 χ^2/NDF : 0.6/2

asym_us_avg_at2lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 8293.461+/-7.242 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6451.130+/-5.651 χ^2/NDF : 3132.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

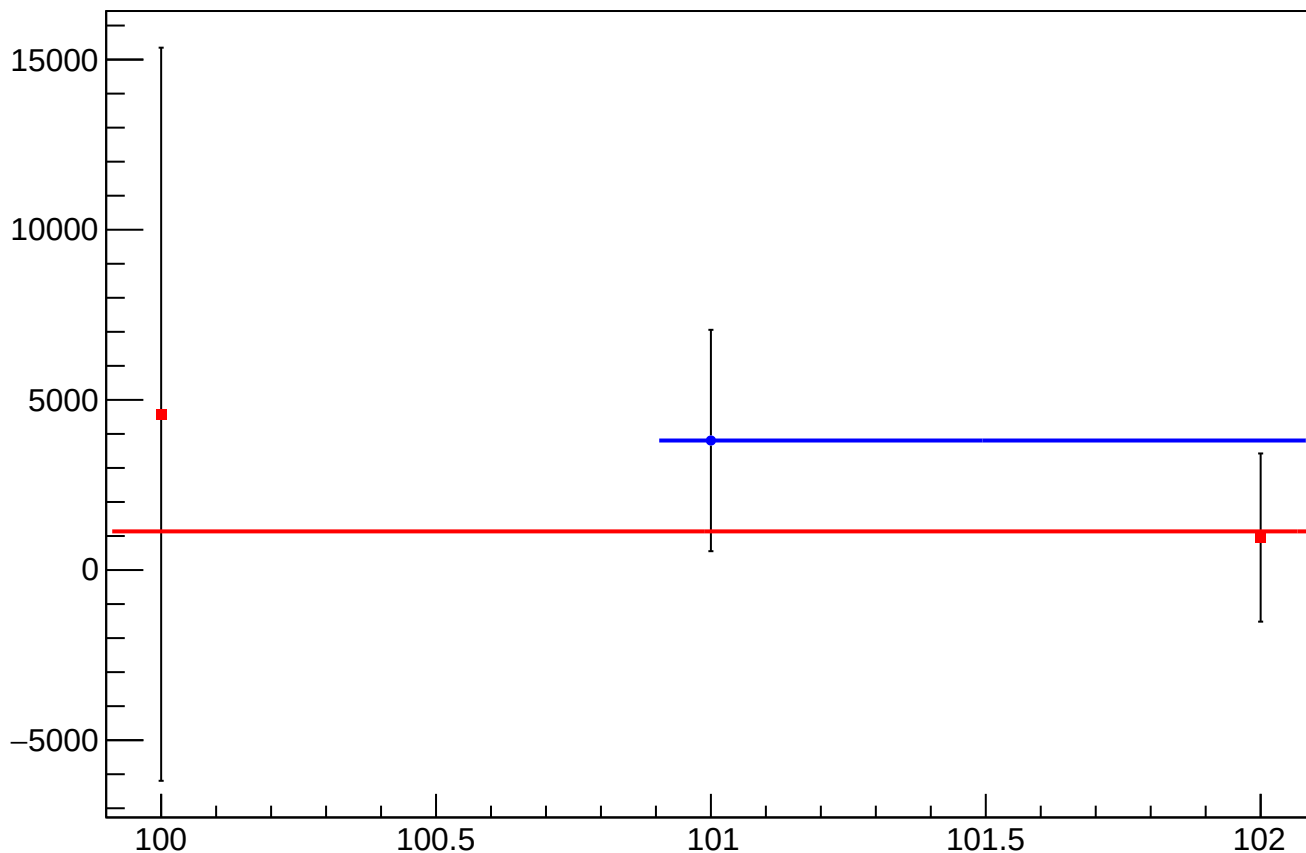
Right: 7148.257+/-4.455 χ^2/NDF : 43358.3/2

In: 8293.461+/-7.242 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7148.257+/-4.455 χ^2/NDF : 43358.3/2

cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 3806.251+/-3252.308 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1135.777+/-2408.576 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

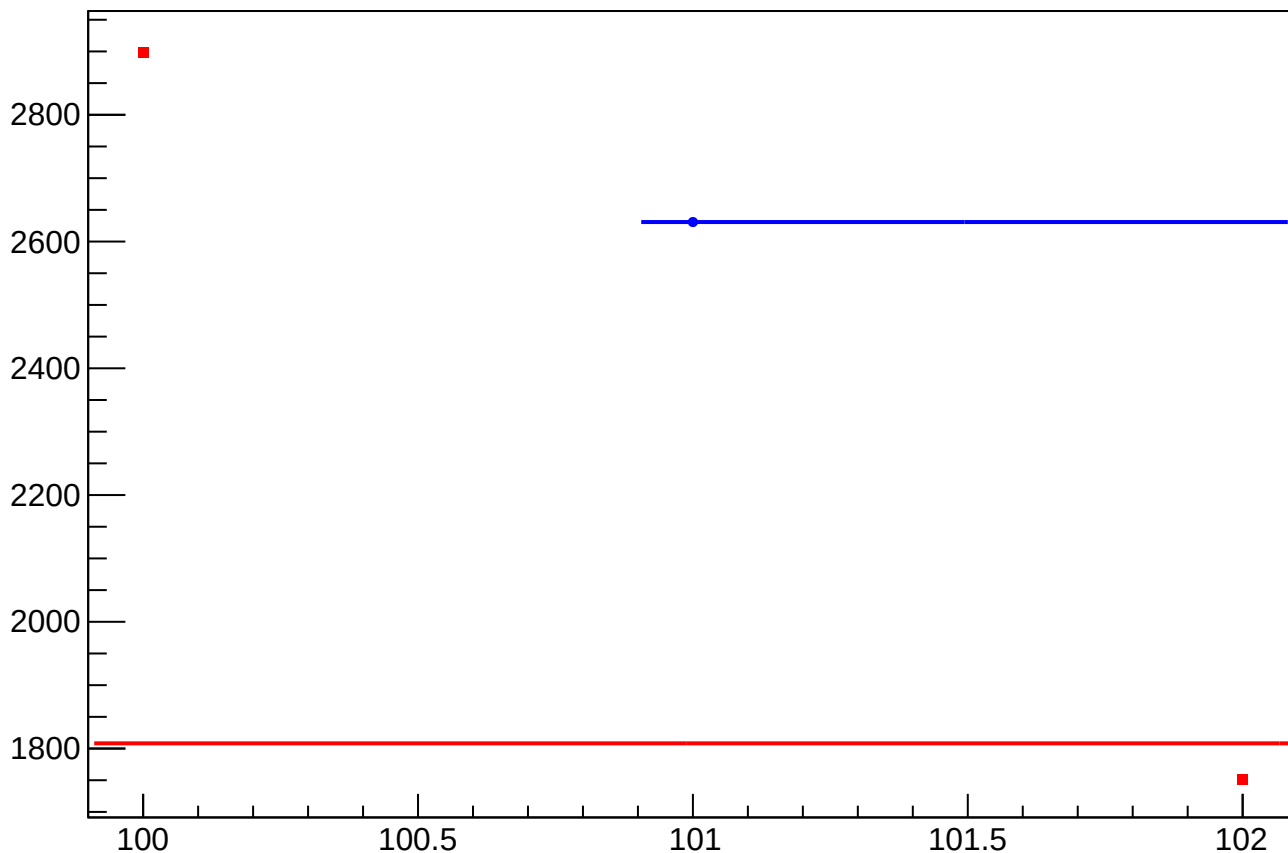
Right: 2081.640+/-1935.583 χ^2/NDF : 0.5/2

In: 3806.251+/-3252.308 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2081.640+/-1935.583 χ^2/NDF : 0.5/2

cor_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2630.793 $\pm$ 2.300 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1808.223 $\pm$ 1.703 χ^2 /NDF: 21561.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

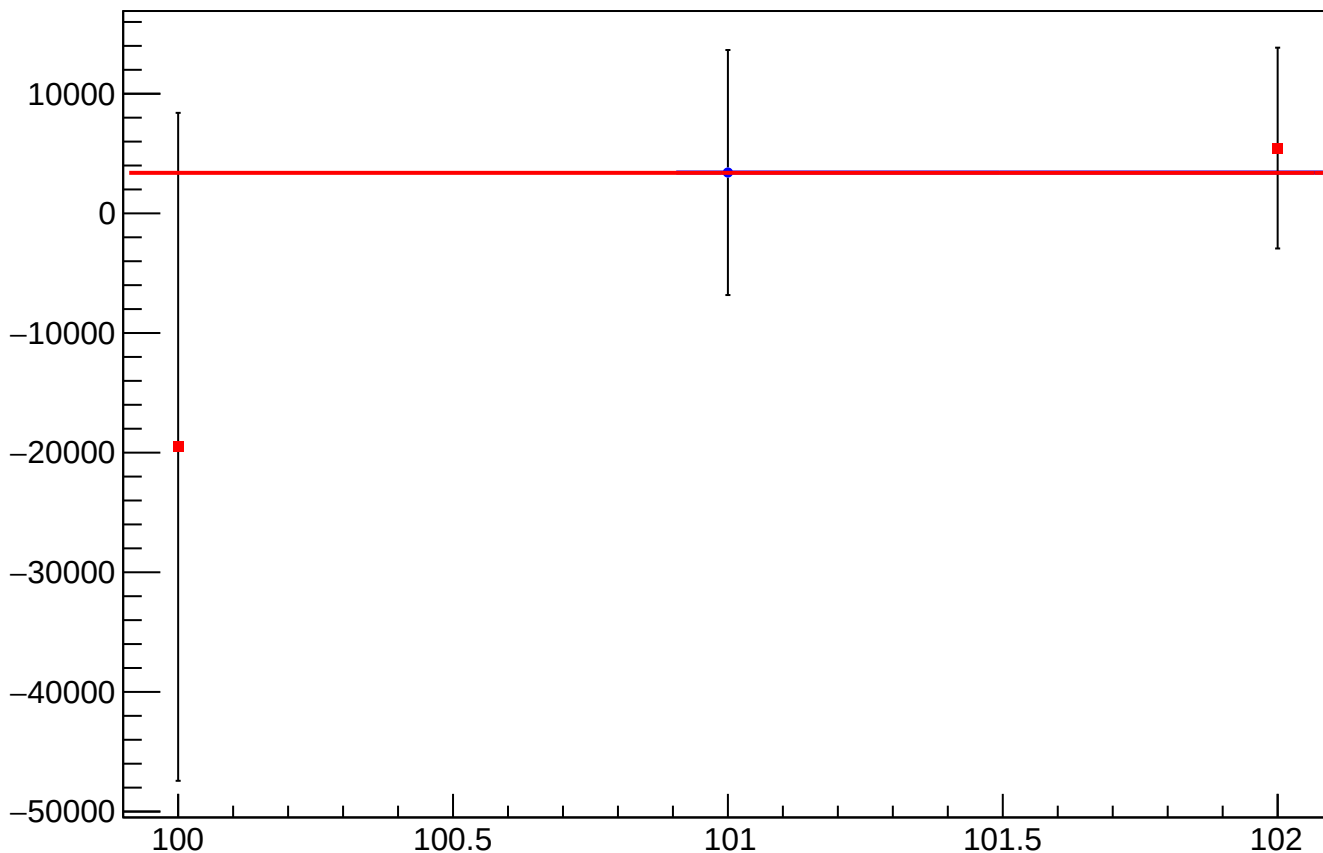
Right: 2099.570 $\pm$ 1.369 χ^2 /NDF: 104183.9/2

In: 2630.793 $\pm$ 2.300 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2099.570 $\pm$ 1.369 χ^2 /NDF: 104183.9/2

asym_us_avg_at2lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 3414.597 $\pm$ 10241.059 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3387.975 $\pm$ 8037.263 χ^2 /NDF: 0.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

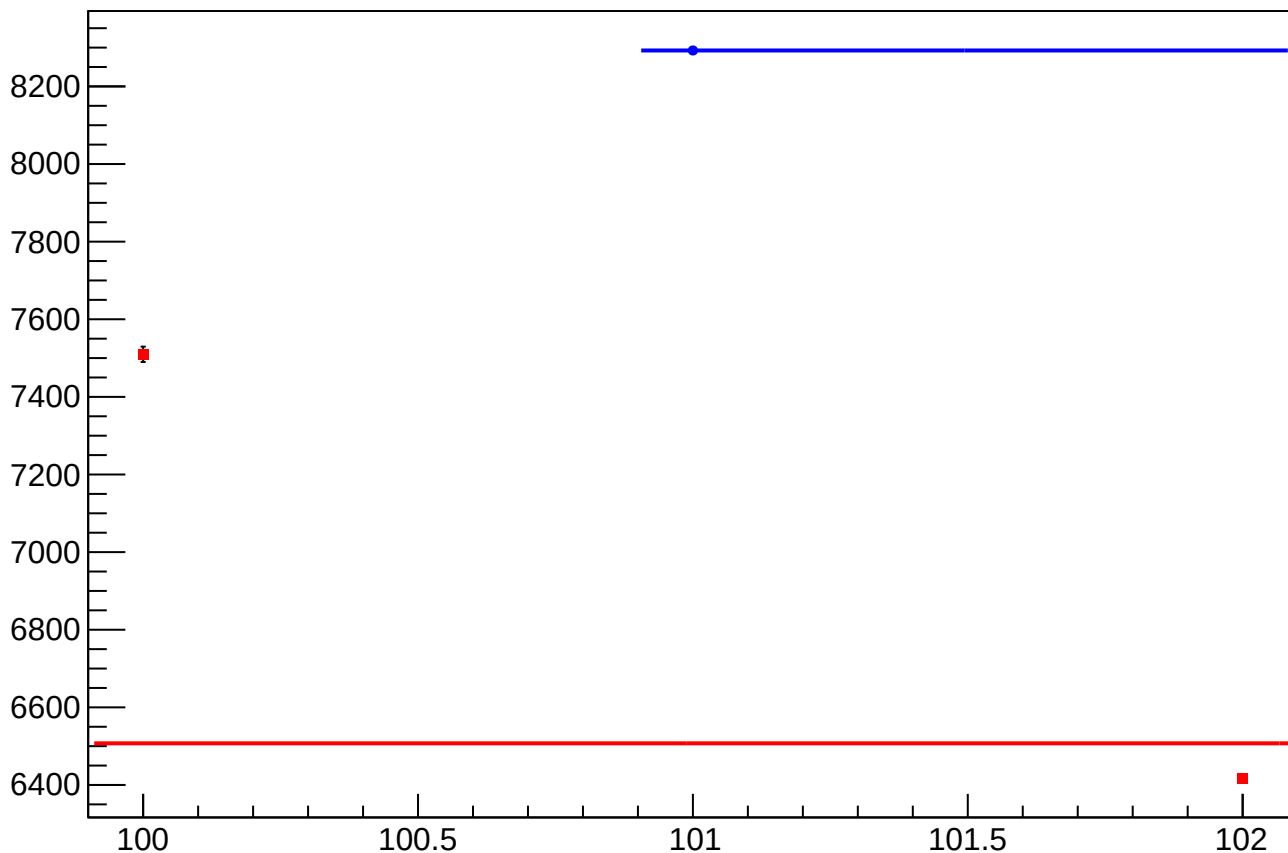
Right: 3398.122 $\pm$ 6322.631 χ^2 /NDF: 0.7/2

In: 3414.597 $\pm$ 10241.059 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3398.122 $\pm$ 6322.631 χ^2 /NDF: 0.7/2

asym_us_avg_at2lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 8292.589 $\pm$ 7.242 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6507.299 $\pm$ 5.683 χ^2 /NDF: 2812.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

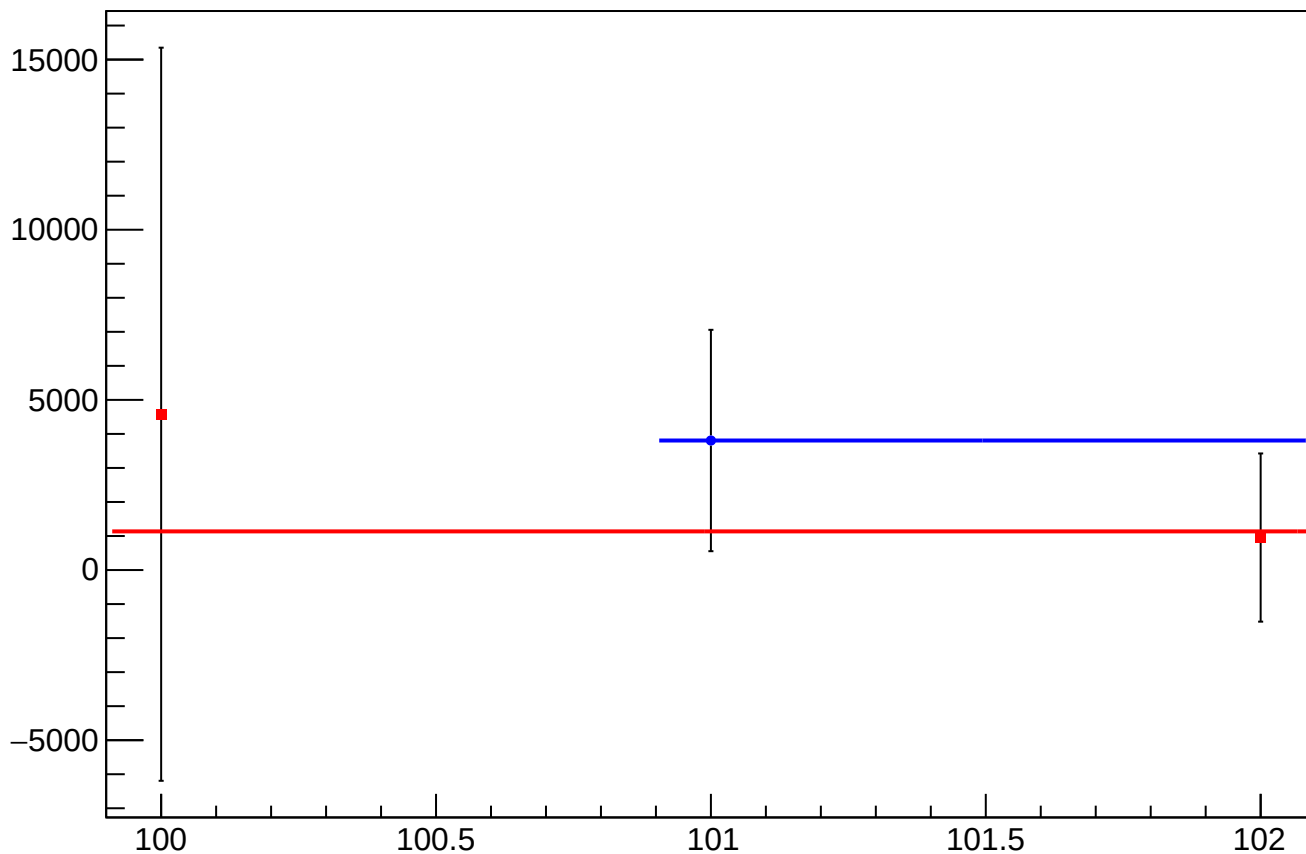
Right: 7187.778 $\pm$ 4.471 χ^2 /NDF: 40425.1/2

In: 8292.589 $\pm$ 7.242 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7187.778 $\pm$ 4.471 χ^2 /NDF: 40425.1/2

eigen_cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 3806.251+/-3252.308 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1135.777+/-2408.576 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

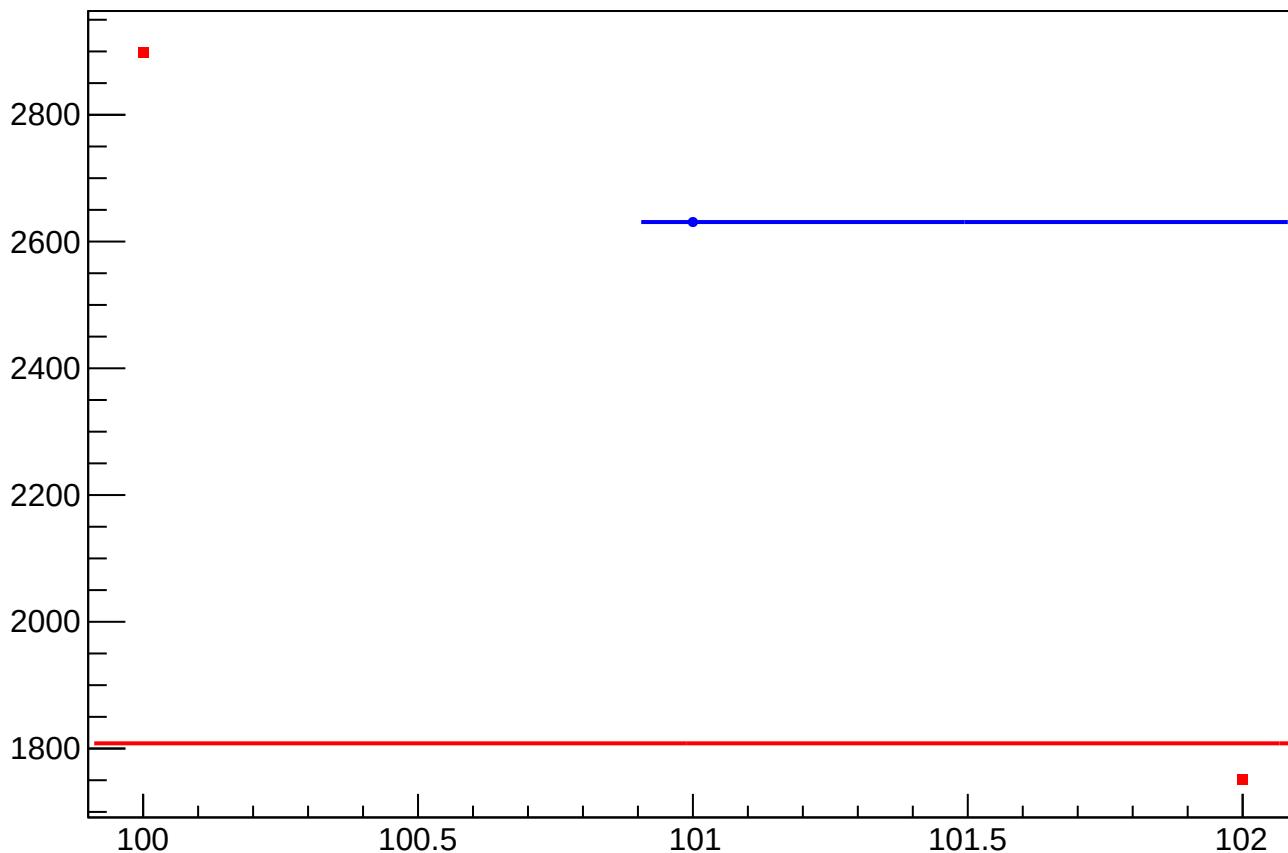
Right: 2081.640+/-1935.583 χ^2/NDF : 0.5/2

In: 3806.251+/-3252.308 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2081.640+/-1935.583 χ^2/NDF : 0.5/2

eigen_cor_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2630.793 $\pm$ 2.300 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1808.223 $\pm$ 1.703 χ^2 /NDF: 21561.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

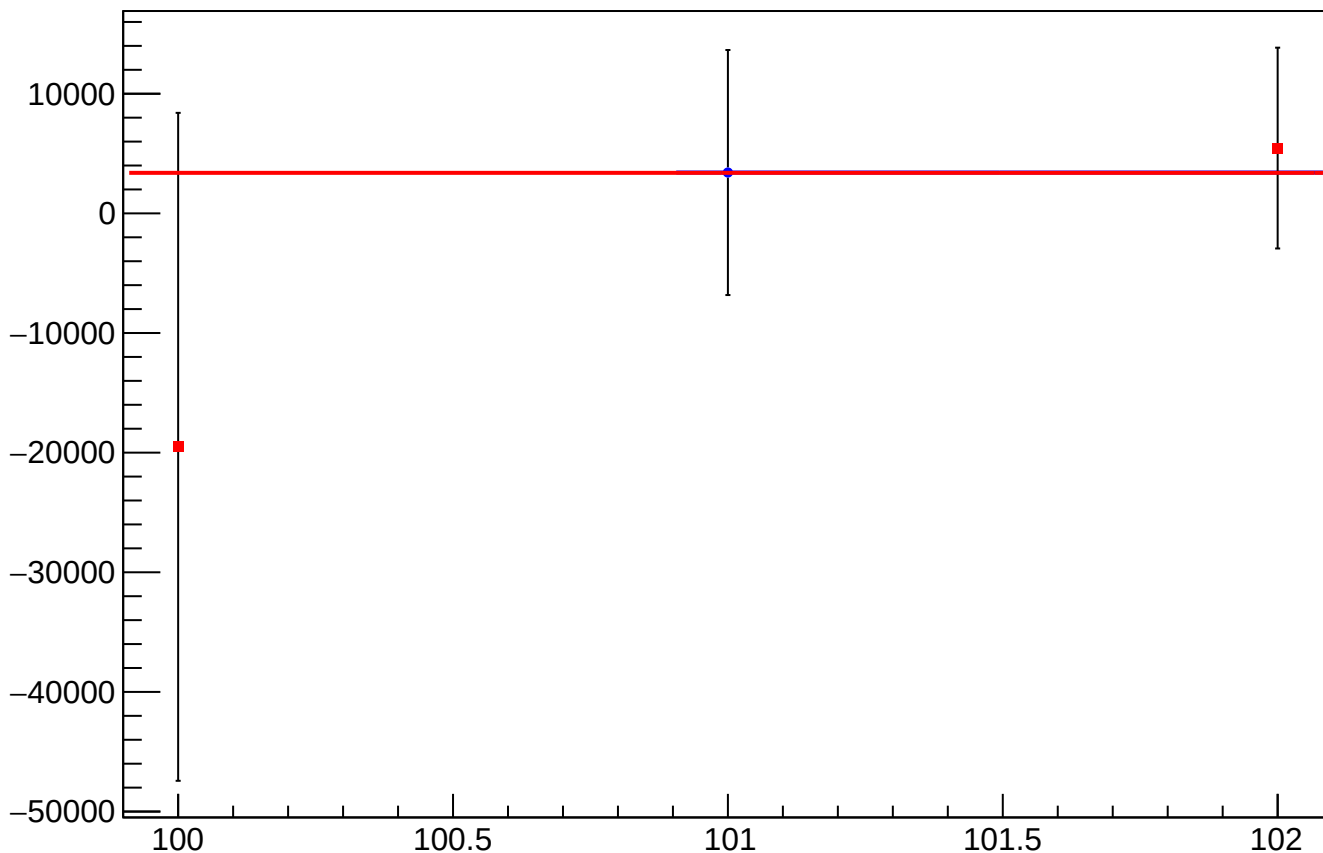
Right: 2099.570 $\pm$ 1.369 χ^2 /NDF: 104183.9/2

In: 2630.793 $\pm$ 2.300 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2099.570 $\pm$ 1.369 χ^2 /NDF: 104183.9/2

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 3414.597+/-10241.059 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3387.975+/-8037.263 χ^2/NDF : 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

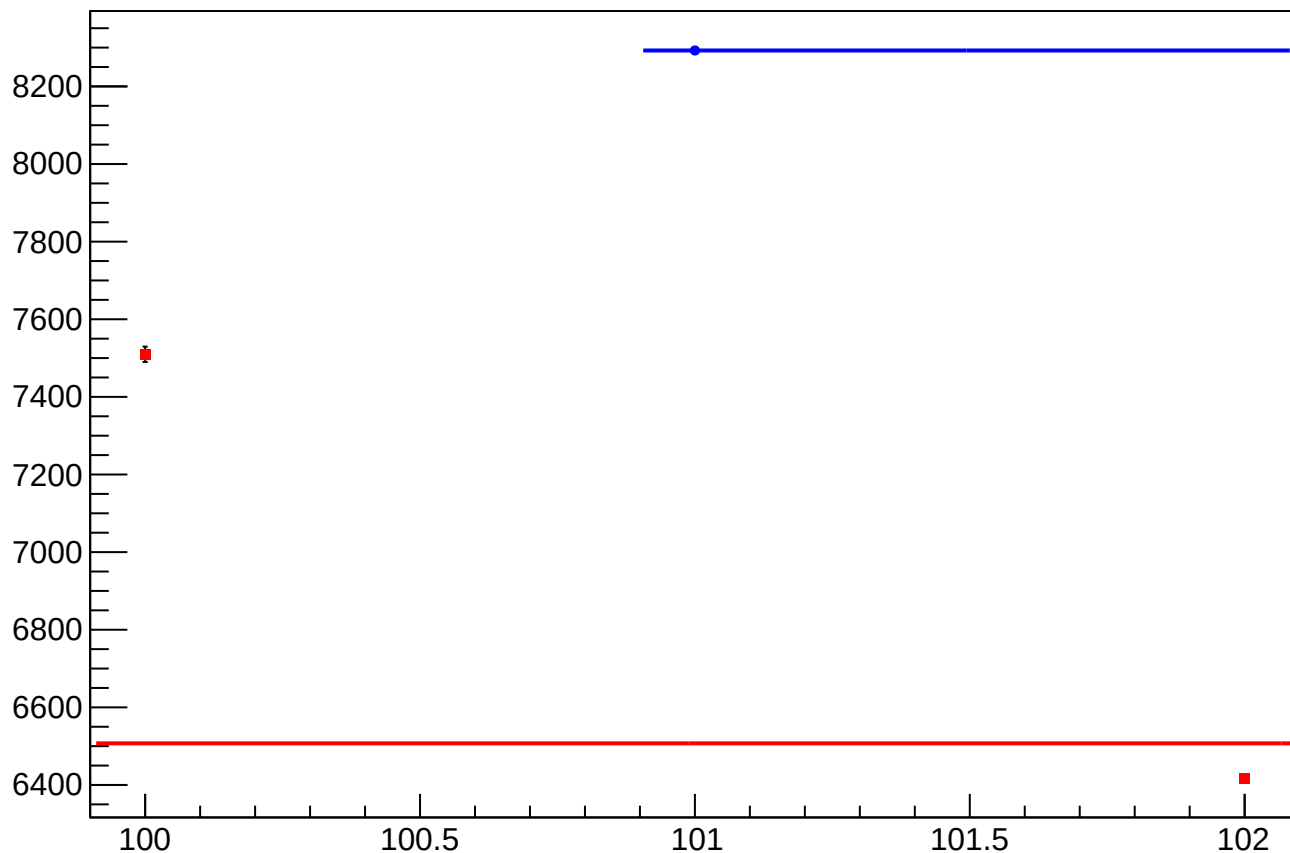
Right: 3398.122+/-6322.631 χ^2/NDF : 0.7/2

In: 3414.597+/-10241.059 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3398.122+/-6322.631 χ^2/NDF : 0.7/2

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 8292.589+/-7.242 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6507.299+/-5.683 χ^2/NDF : 2812.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

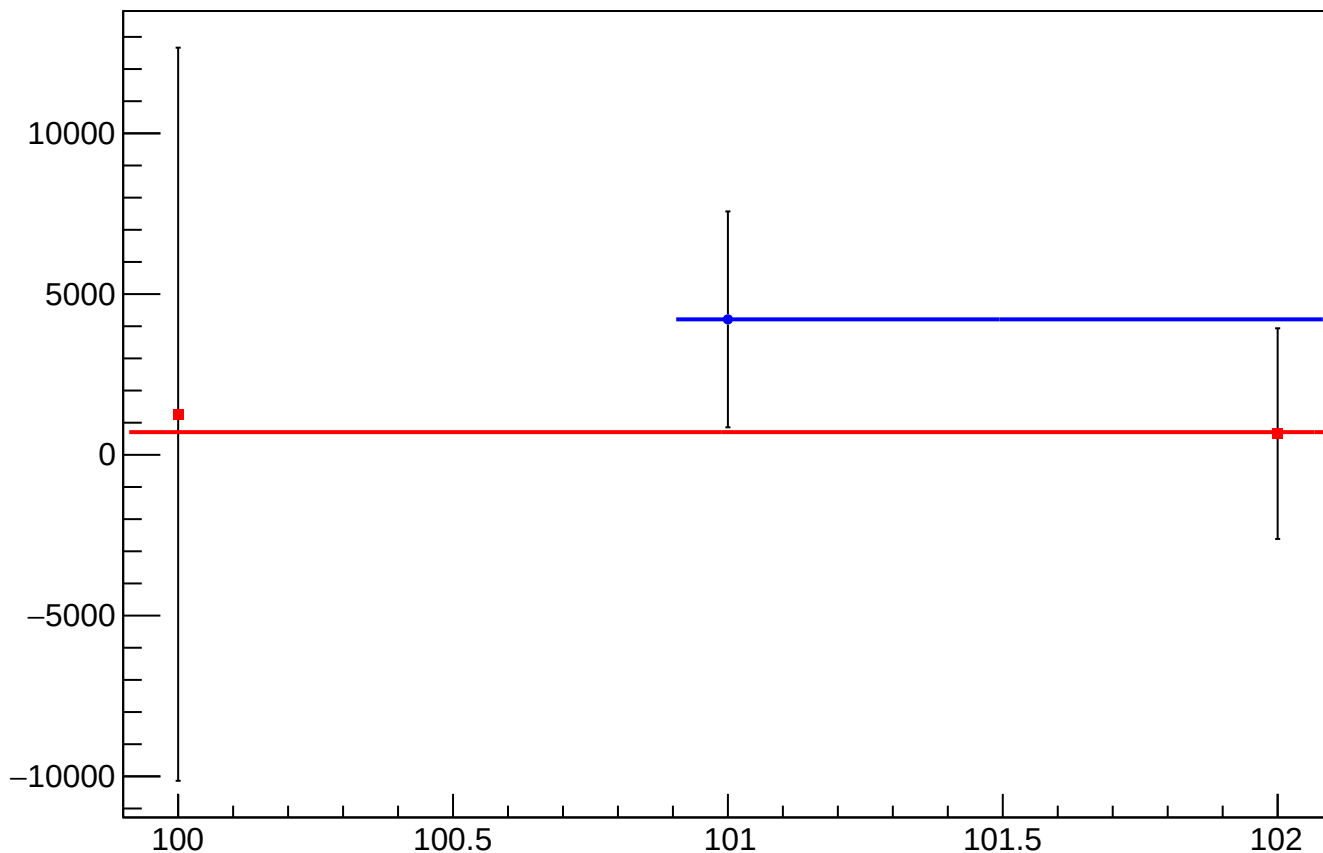
Right: 7187.778+/-4.471 χ^2/NDF : 40425.1/2

In: 8292.589+/-7.242 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7187.778+/-4.471 χ^2/NDF : 40425.1/2

dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 4214.195+/-3357.798 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 706.362+/-3148.780 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

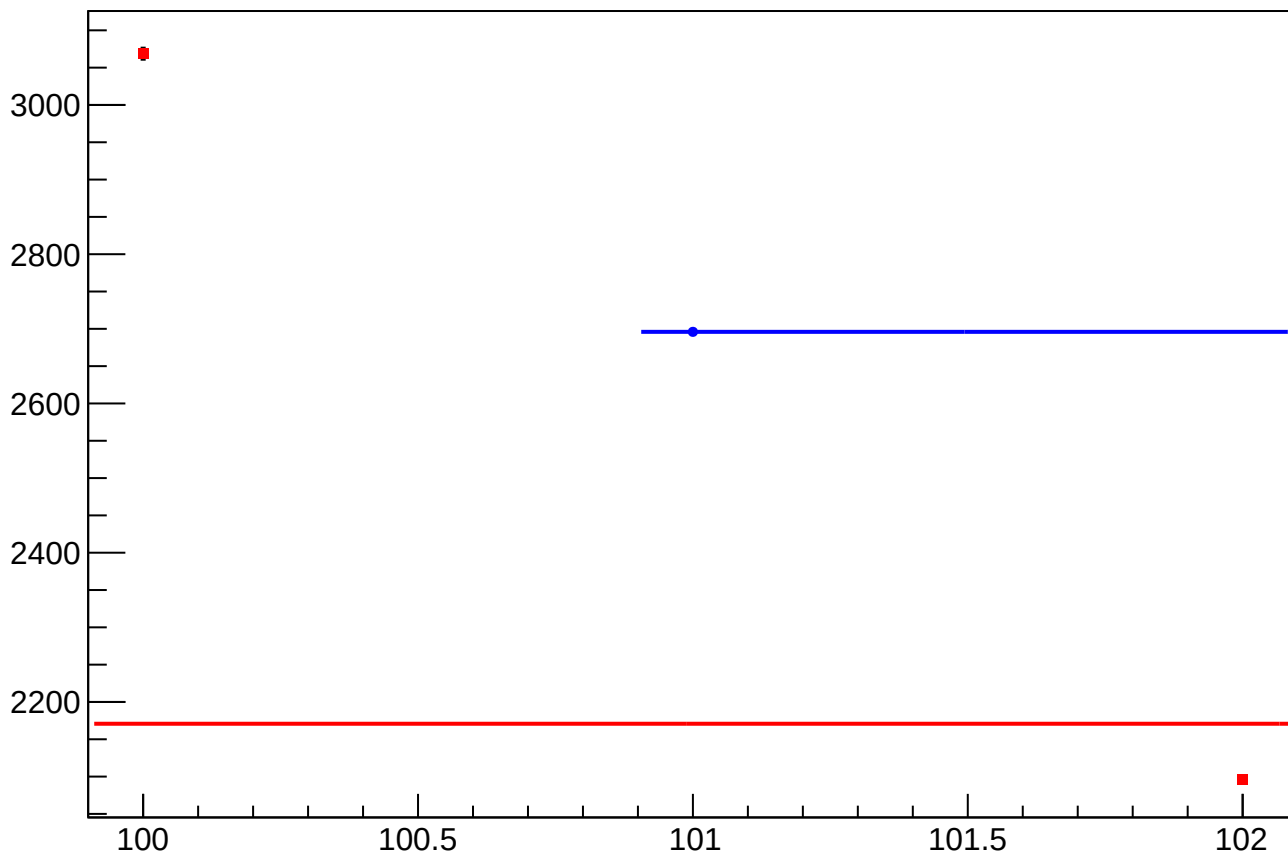
Right: 2347.709+/-2296.864 χ^2/NDF : 0.6/2

In: 4214.195+/-3357.798 χ^2/NDF :0.0/0

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2347.709+/-2296.864 χ^2/NDF : 0.6/2

dit_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2695.962 $\pm$ 2.374 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2170.808 $\pm$ 2.227 χ^2 /NDF: 13427.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

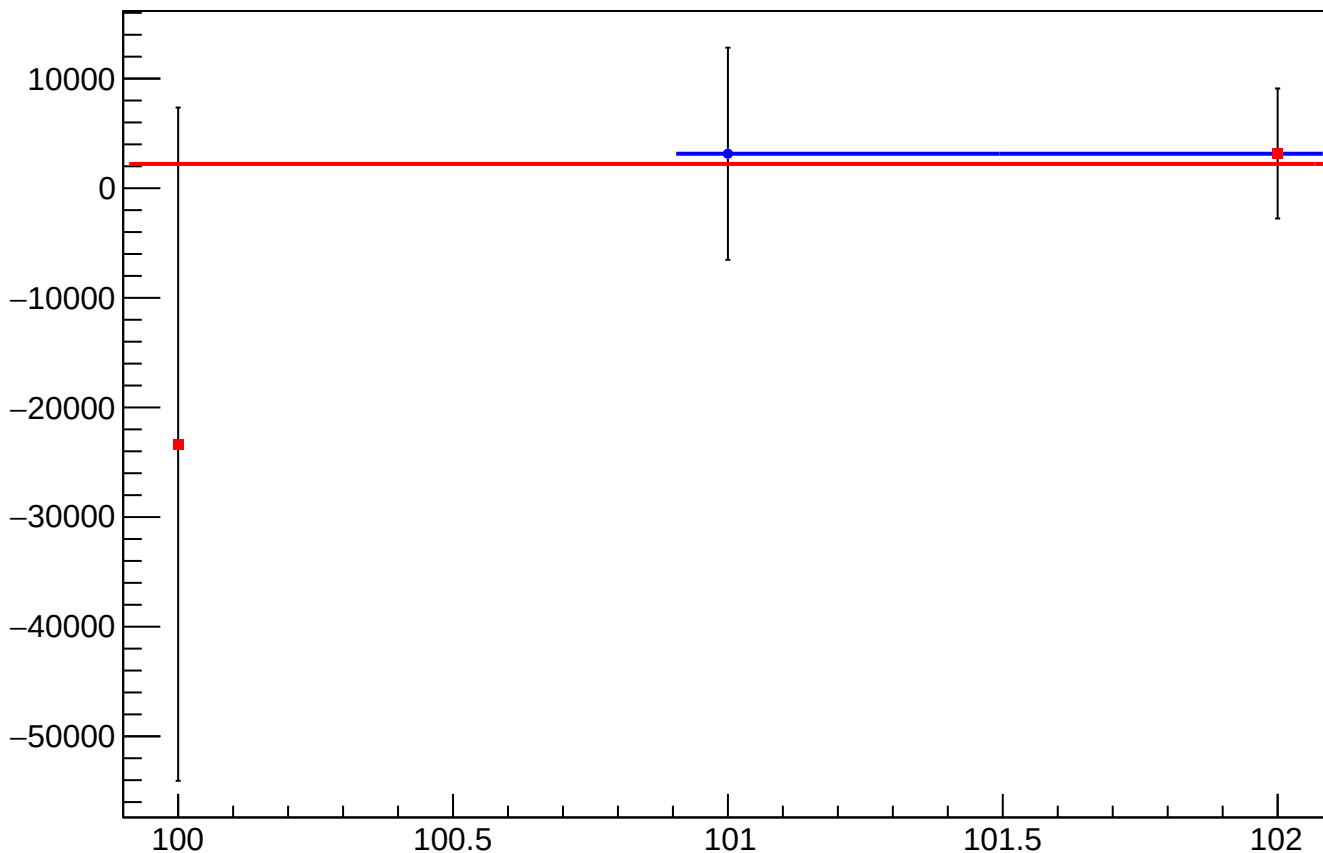
Right: 2416.530 $\pm$ 1.624 χ^2 /NDF: 39457.9/2

In: 2695.962 $\pm$ 2.374 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2416.530 $\pm$ 1.624 χ^2 /NDF: 39457.9/2

asym_us_avg_at2lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 3145.009+/-9676.079 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2216.830+/-5823.097 χ^2/NDF : 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

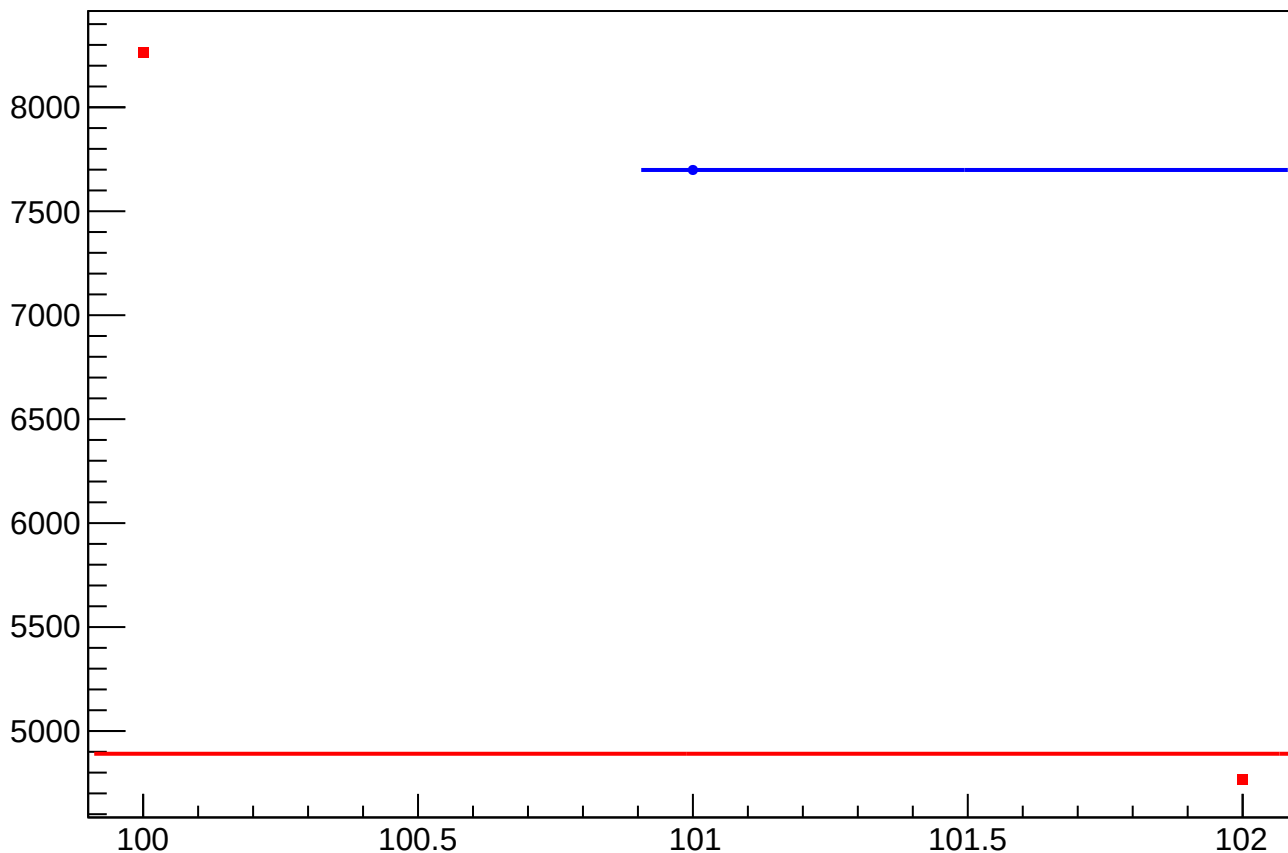
Right: 2463.610+/-4989.291 χ^2/NDF : 0.7/2

In: 3145.009+/-9676.079 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2463.610+/-4989.291 χ^2/NDF : 0.7/2

asym_us_avg_at2lr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 7698.485+/-6.842 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4890.681+/-4.118 χ^2/NDF : 25050.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

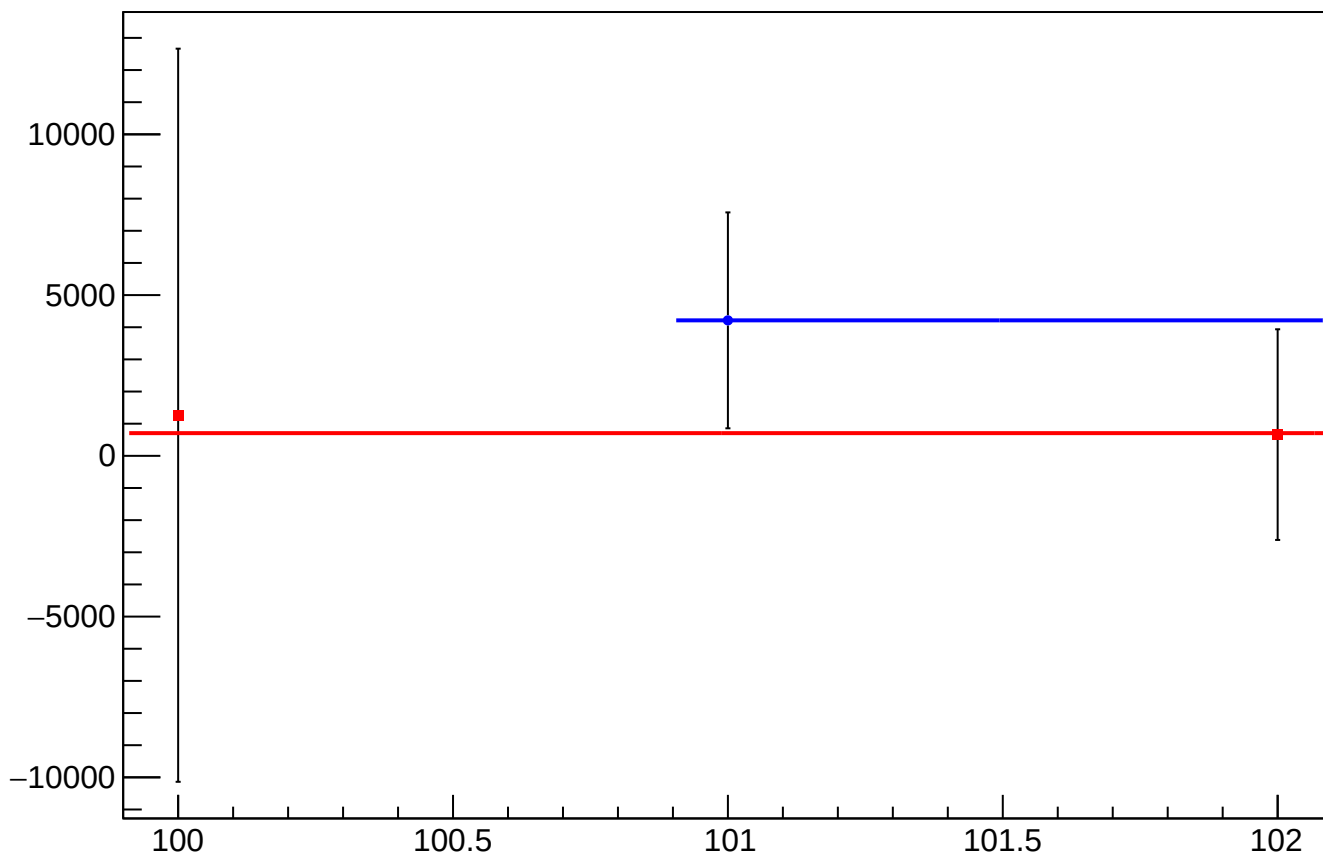
Right: 5637.208+/-3.528 χ^2/NDF : 148683.5/2

In: 7698.485+/-6.842 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5637.208+/-3.528 χ^2/NDF : 148683.5/2

eigen_dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 4214.236+/-3357.797 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 706.314+/-3148.783 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

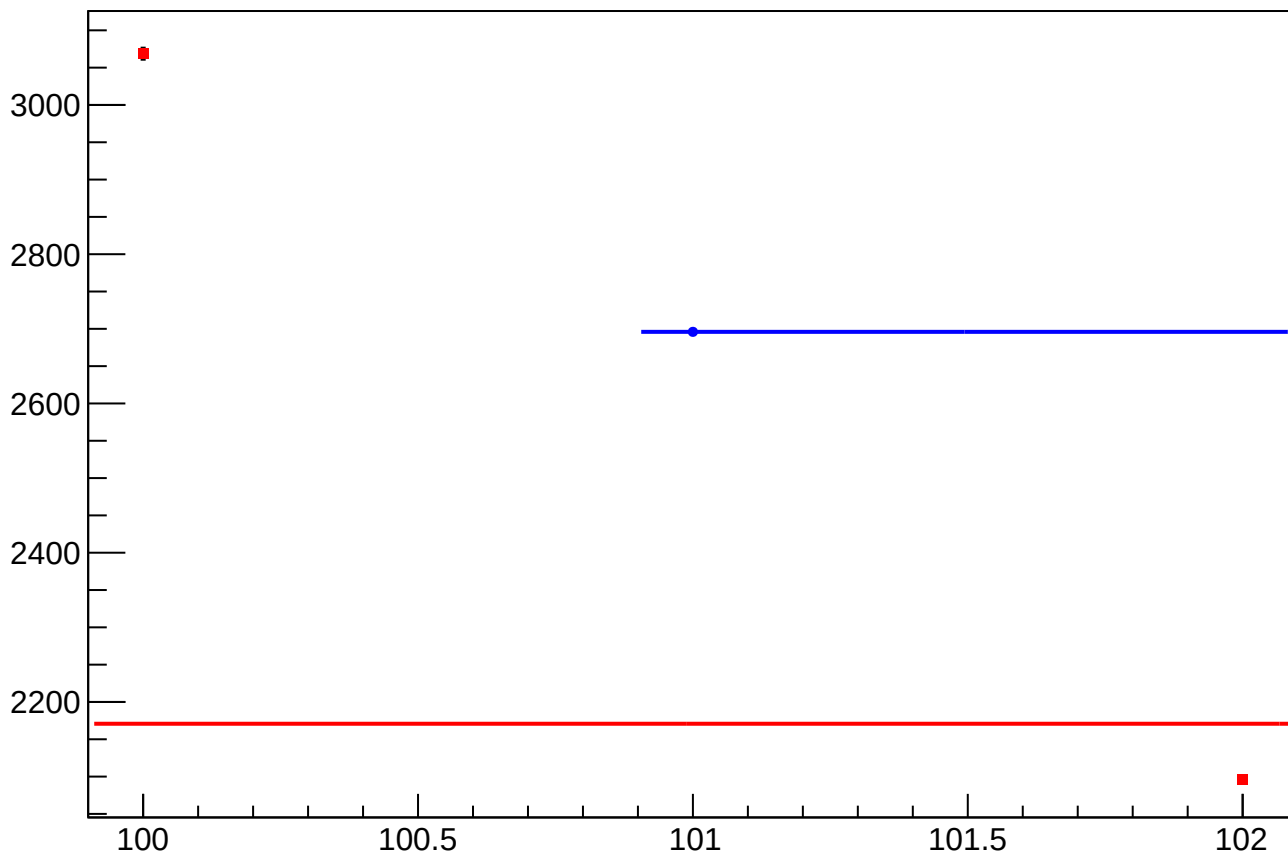
Right: 2347.704+/-2296.865 χ^2/NDF : 0.6/2

In: 4214.236+/-3357.797 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2347.704+/-2296.865 χ^2/NDF : 0.6/2

eigen_dit_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2695.961+/-2.374 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2170.811+/-2.227 χ^2/NDF : 13427.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

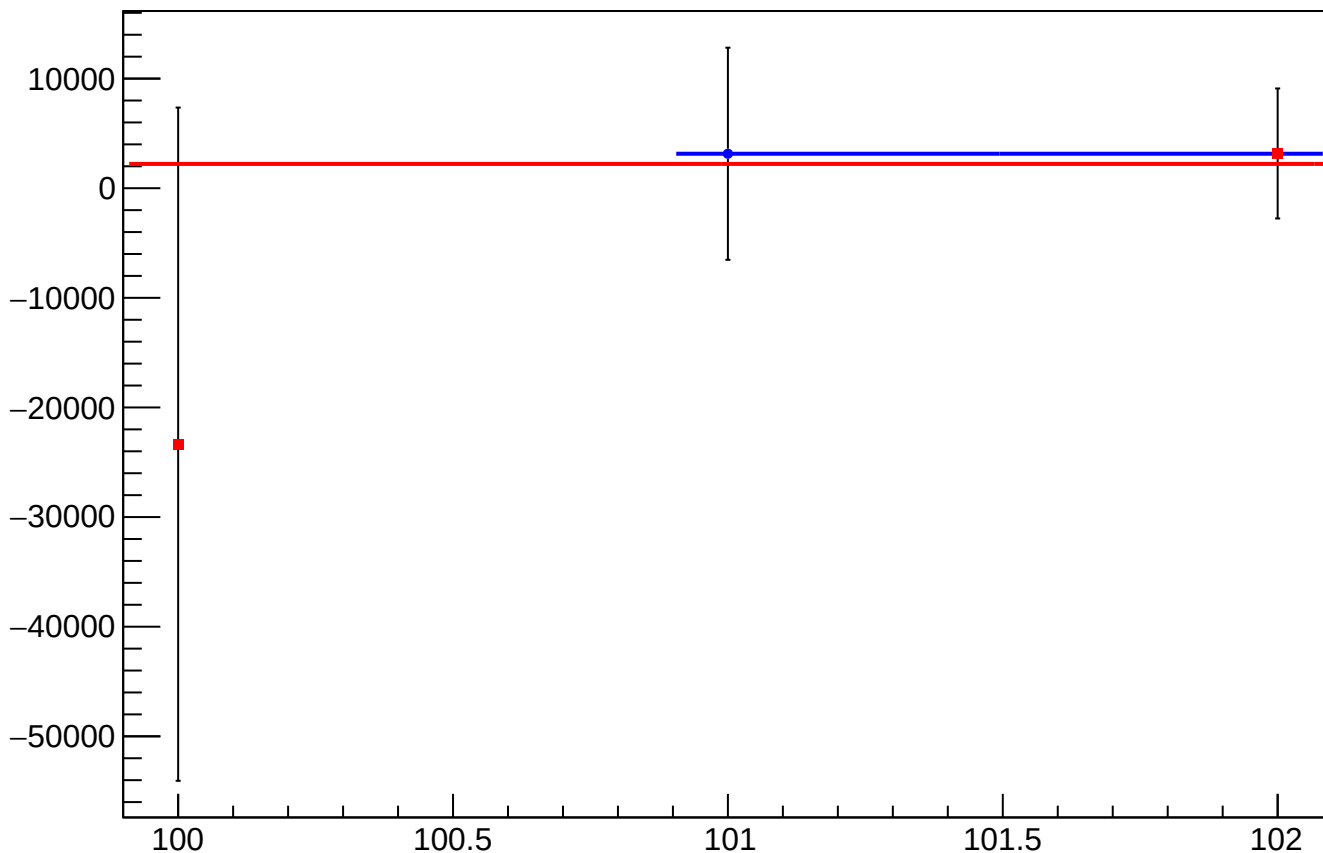
Right: 2416.532+/-1.624 χ^2/NDF : 39457.4/2

In: 2695.961+/-2.374 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2416.532+/-1.624 χ^2/NDF : 39457.4/2

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 3145.035+/-9676.070 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2216.827+/-5823.099 χ^2/NDF : 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

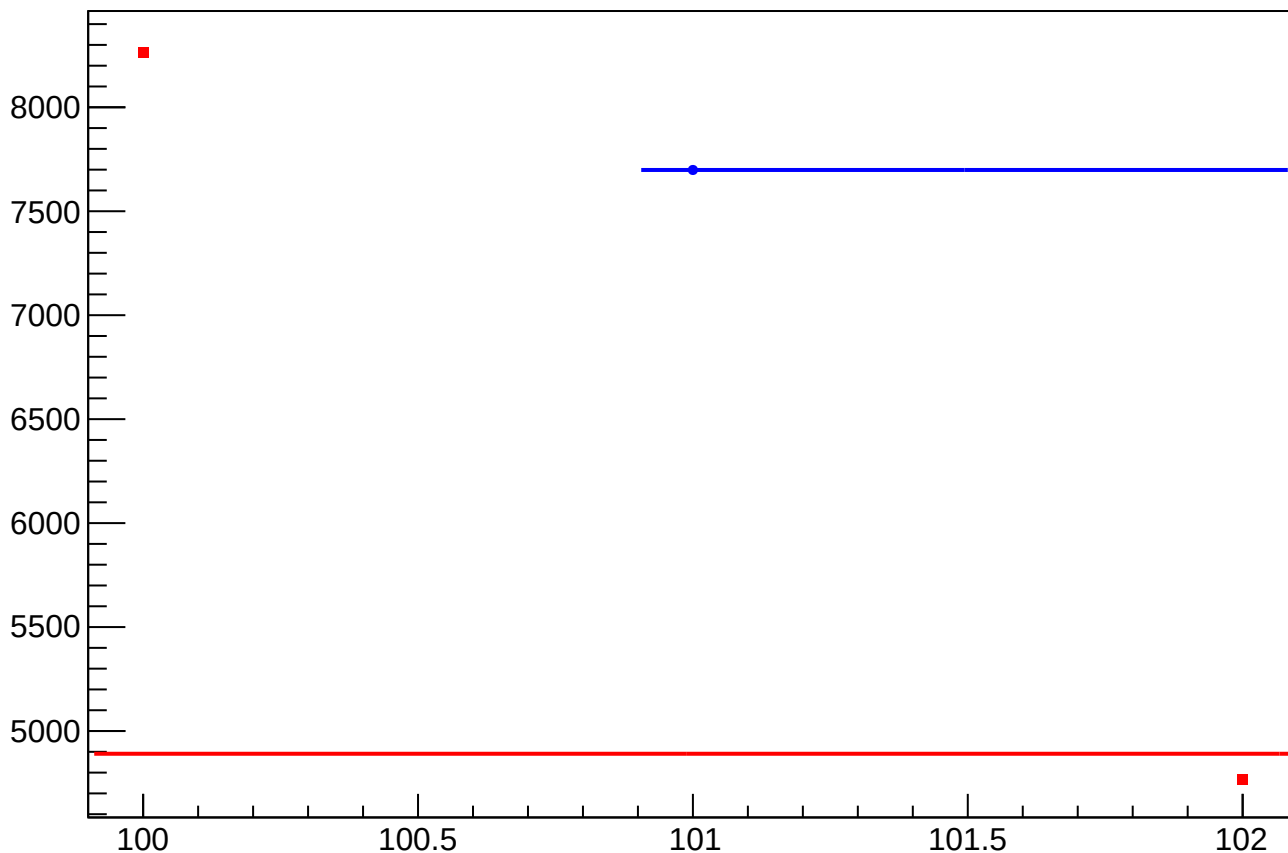
Right: 2463.616+/-4989.291 χ^2/NDF : 0.7/2

In: 3145.035+/-9676.070 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2463.616+/-4989.291 χ^2/NDF : 0.7/2

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 7698.479+/-6.842 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4890.683+/-4.118 χ^2/NDF : 25050.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

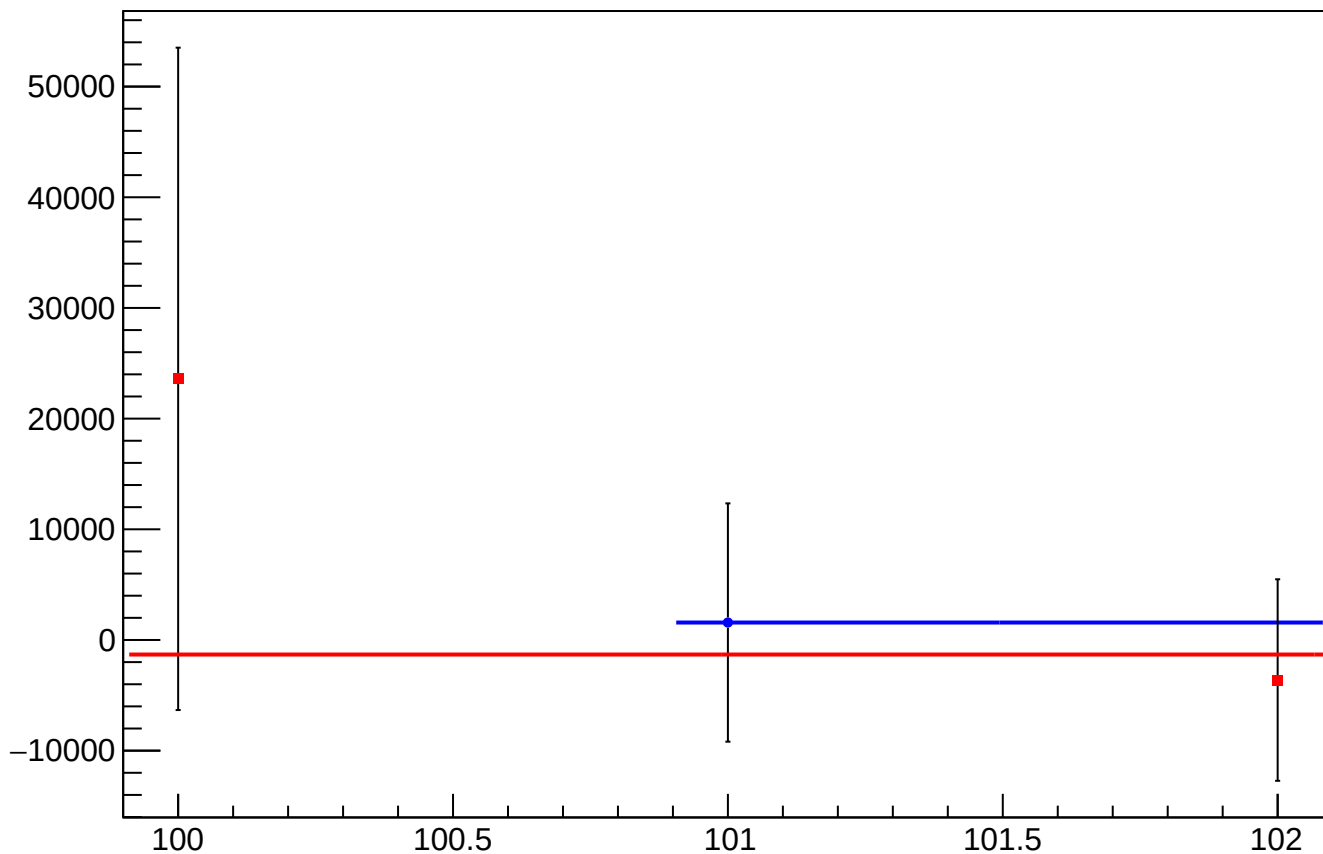
Right: 5637.209+/-3.528 χ^2/NDF : 148682.7/2

In: 7698.479+/-6.842 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5637.209+/-3.528 χ^2/NDF : 148682.7/2

asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 1576.338+/-10765.159 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1314.535+/-8709.397 χ^2/NDF : 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

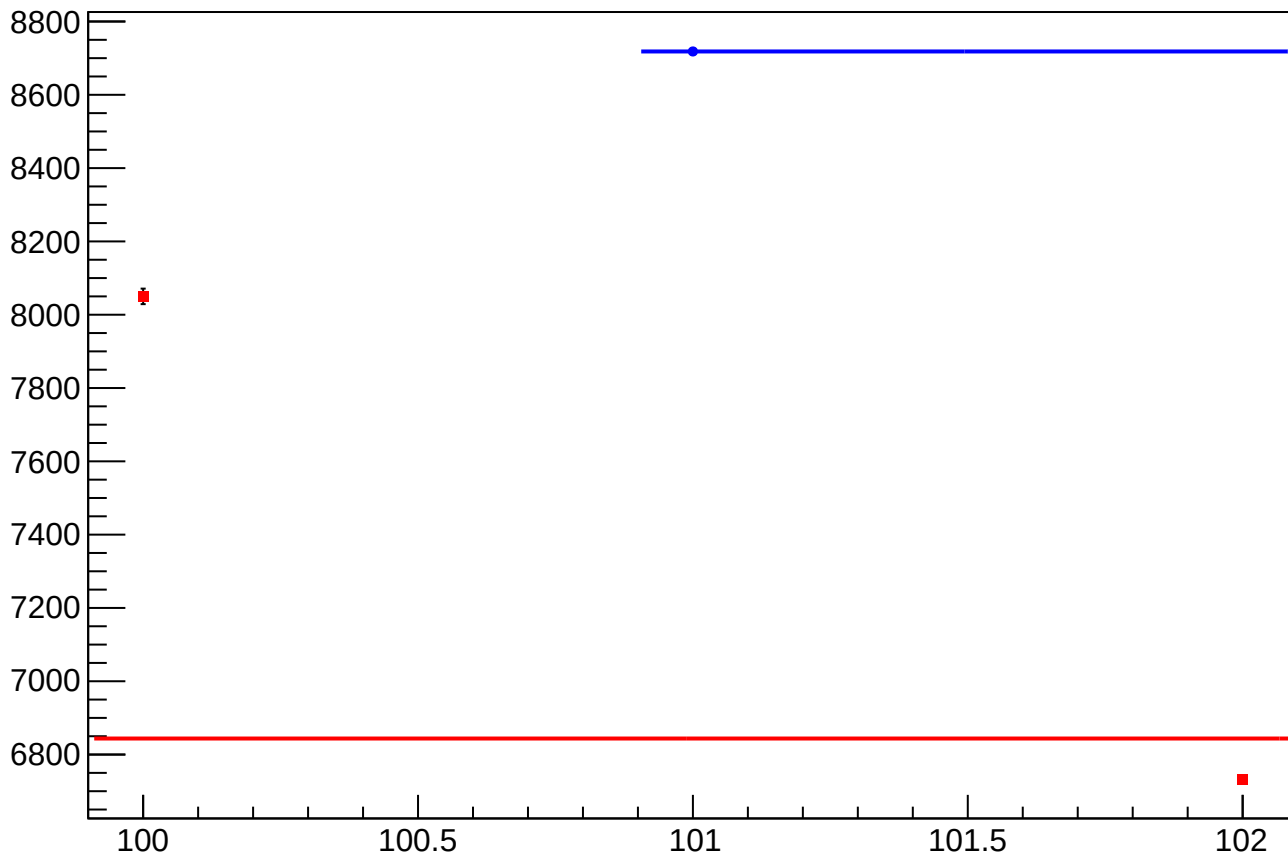
Right: -170.900+/-6770.950 χ^2/NDF : 0.8/2

In: 1576.338+/-10765.159 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -170.900+/-6770.950 χ^2/NDF : 0.8/2

asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 8718.256 $\pm$ 7.612 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6843.743 $\pm$ 6.158 χ^2 /NDF: 3551.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

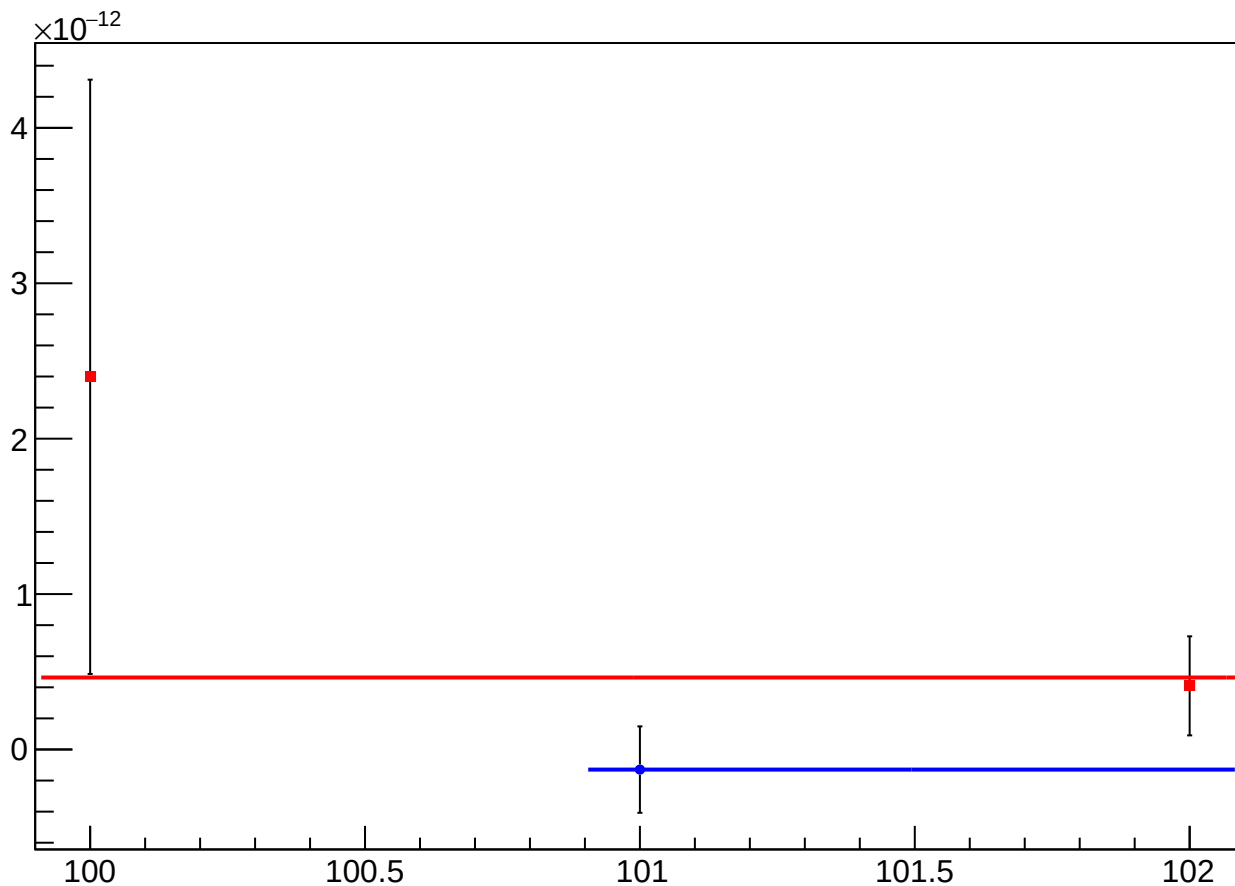
Right: 7585.259 $\pm$ 4.788 χ^2 /NDF: 40203.9/2

In: 8718.256 $\pm$ 7.612 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7585.259 $\pm$ 4.788 χ^2 /NDF: 40203.9/2

asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 1.1/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

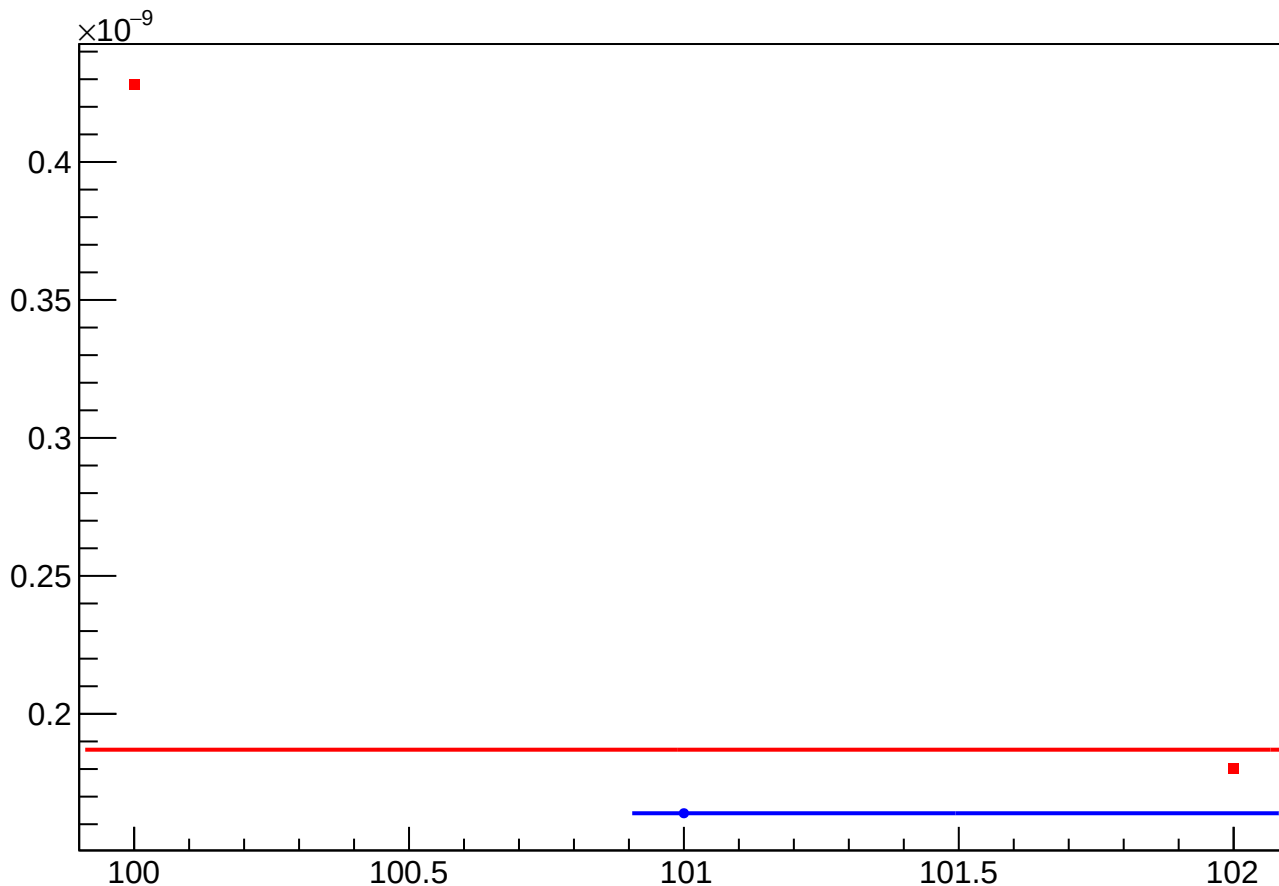
Right: 0.000+/-0.000 χ^2 /NDF: 3.0/2

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: 3.0/2

asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_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 : 32684.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

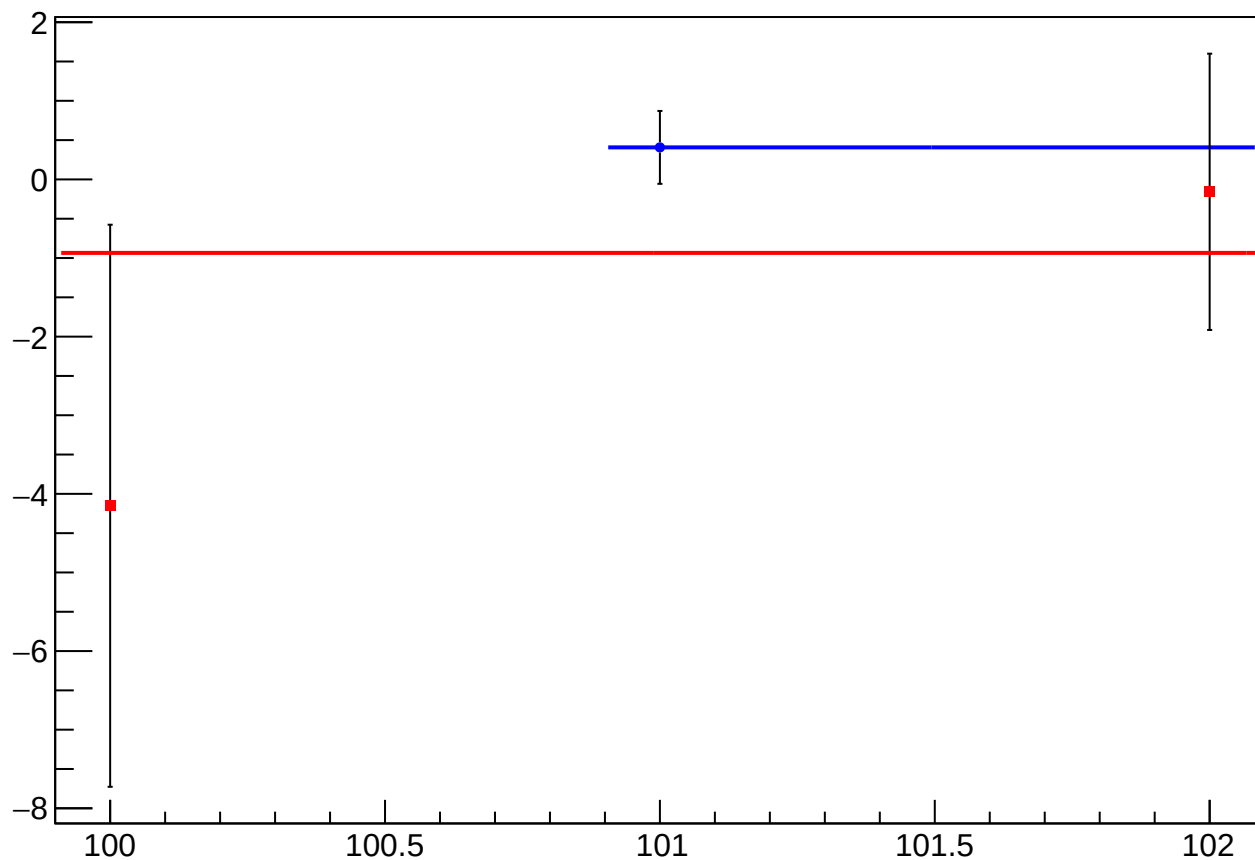
Right: 0.000+/-0.000 χ^2/NDF : 38709.7/2

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 : 38709.7/2

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.408 $\pm$ 0.463 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.935 $\pm$ 1.577 χ^2 /NDF: 1.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

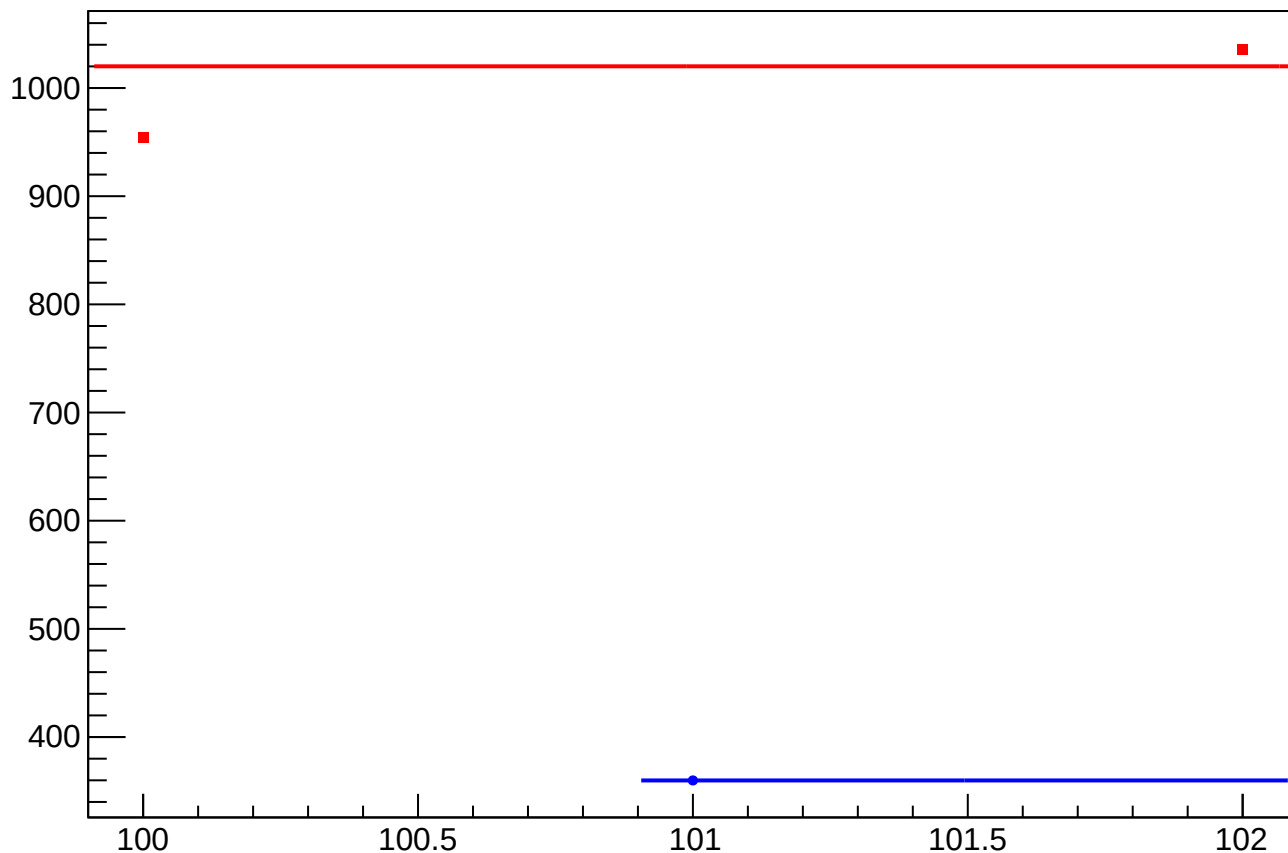
Right: 0.301 $\pm$ 0.445 χ^2 /NDF: 1.7/2

In: 0.408 $\pm$ 0.463 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.301 $\pm$ 0.445 χ^2 /NDF: 1.7/2

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 359.883 $\pm$ 0.328 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1020.070 $\pm$ 1.115 χ^2 /NDF: 850.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

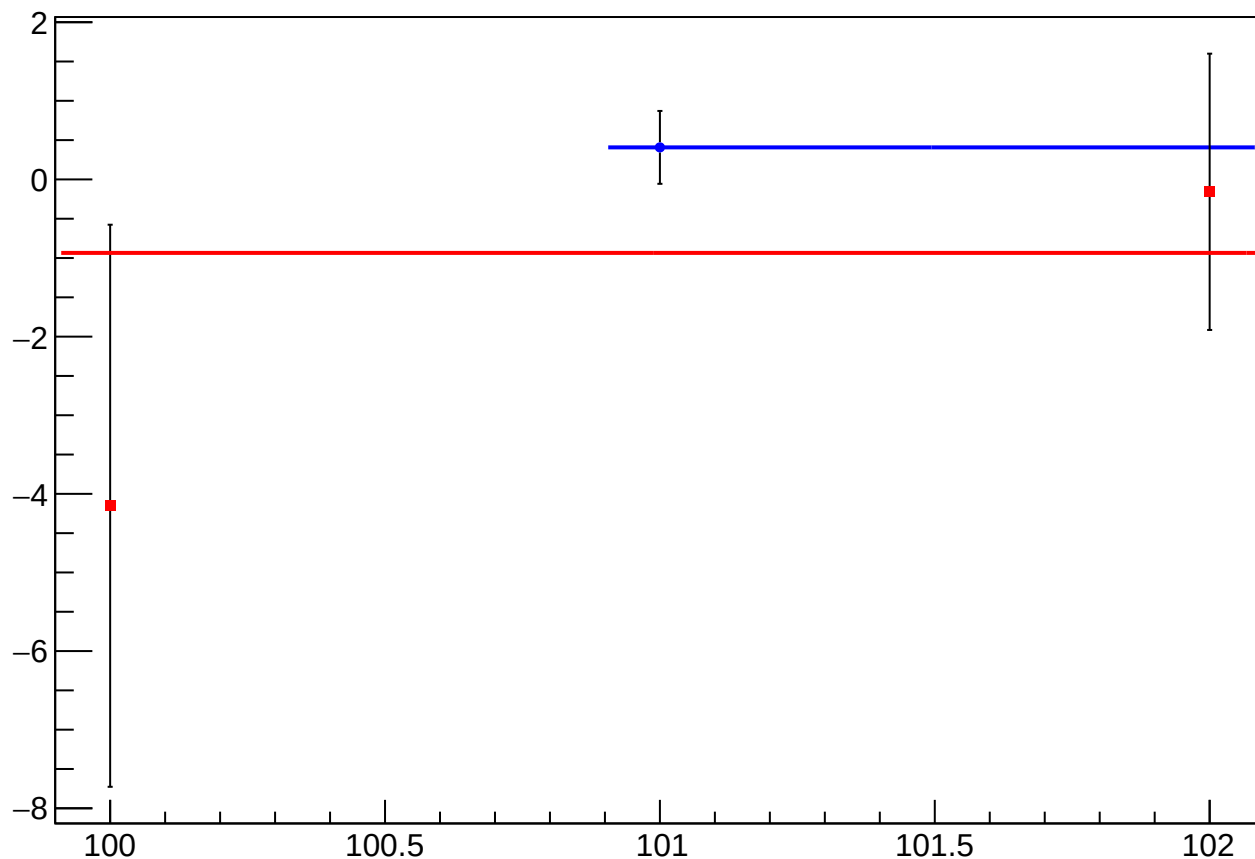
Right: 412.366 $\pm$ 0.314 χ^2 /NDF: 323442.6/2

In: 359.883 $\pm$ 0.328 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 412.366 $\pm$ 0.314 χ^2 /NDF: 323442.6/2

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.408+/-0.463 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.935+/-1.577 χ^2/NDF : 1.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

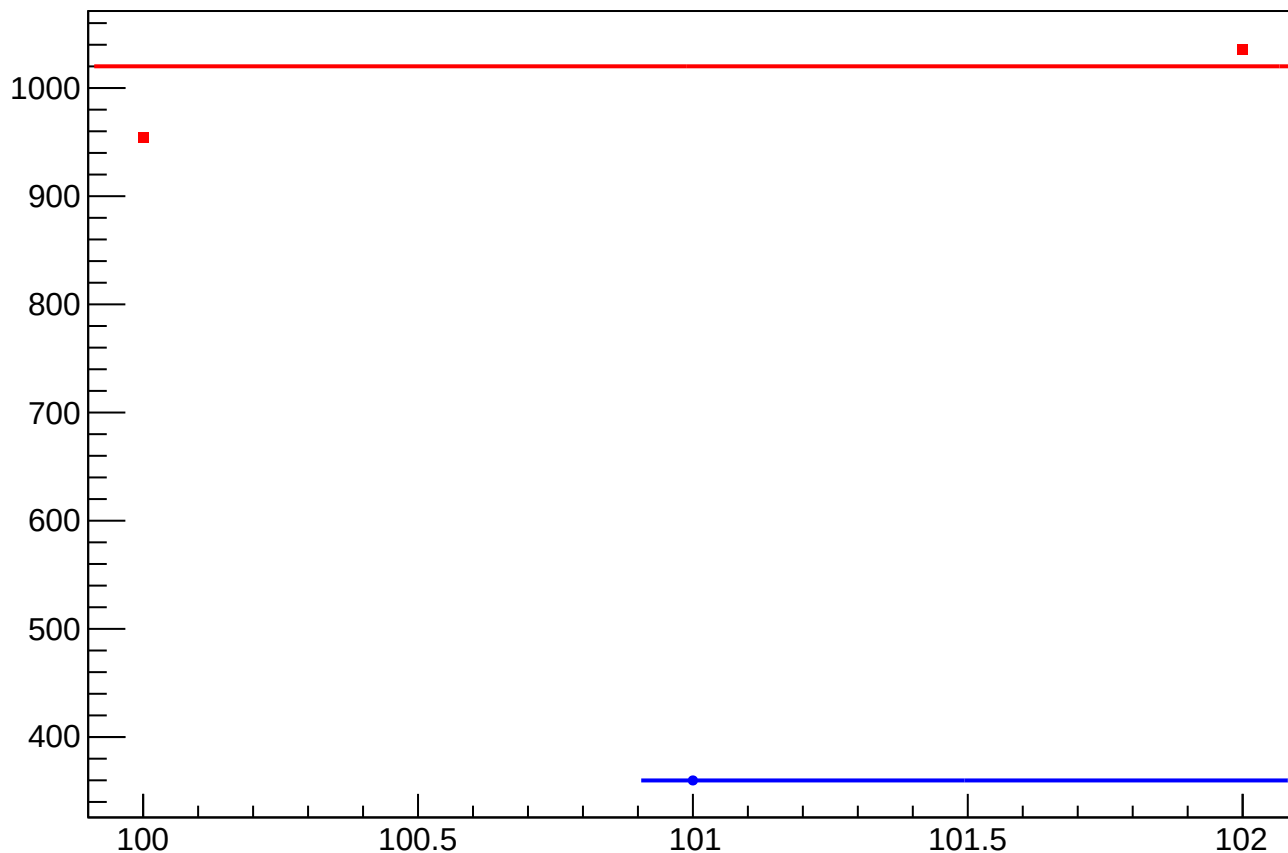
Right: 0.301+/-0.445 χ^2/NDF : 1.7/2

In: 0.408+/-0.463 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.301+/-0.445 χ^2/NDF : 1.7/2

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 359.883+/-0.328 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1020.070+/-1.115 χ^2/NDF : 850.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

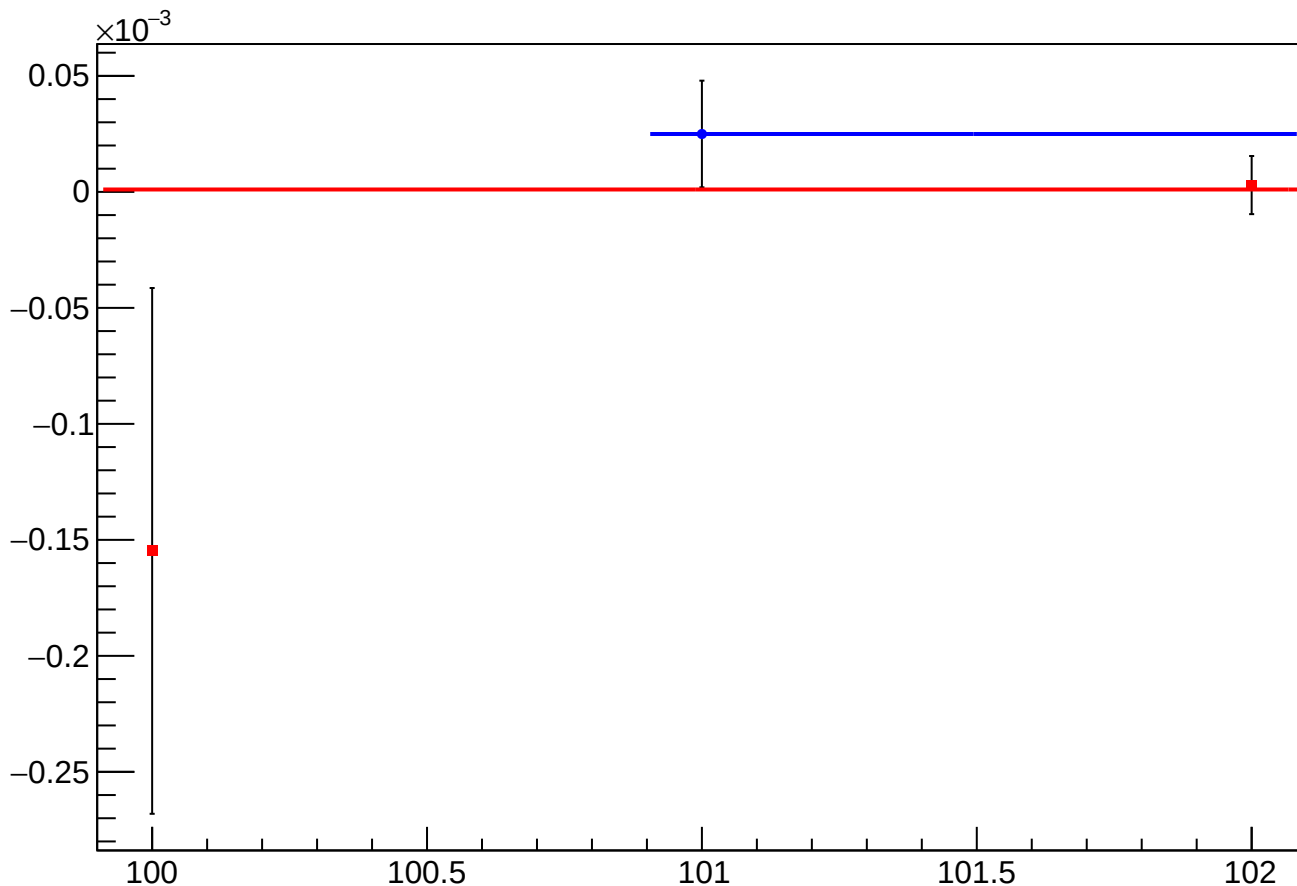
Right: 412.366+/-0.314 χ^2/NDF : 323442.6/2

In: 359.883+/-0.328 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 412.366+/-0.314 χ^2/NDF : 323442.6/2

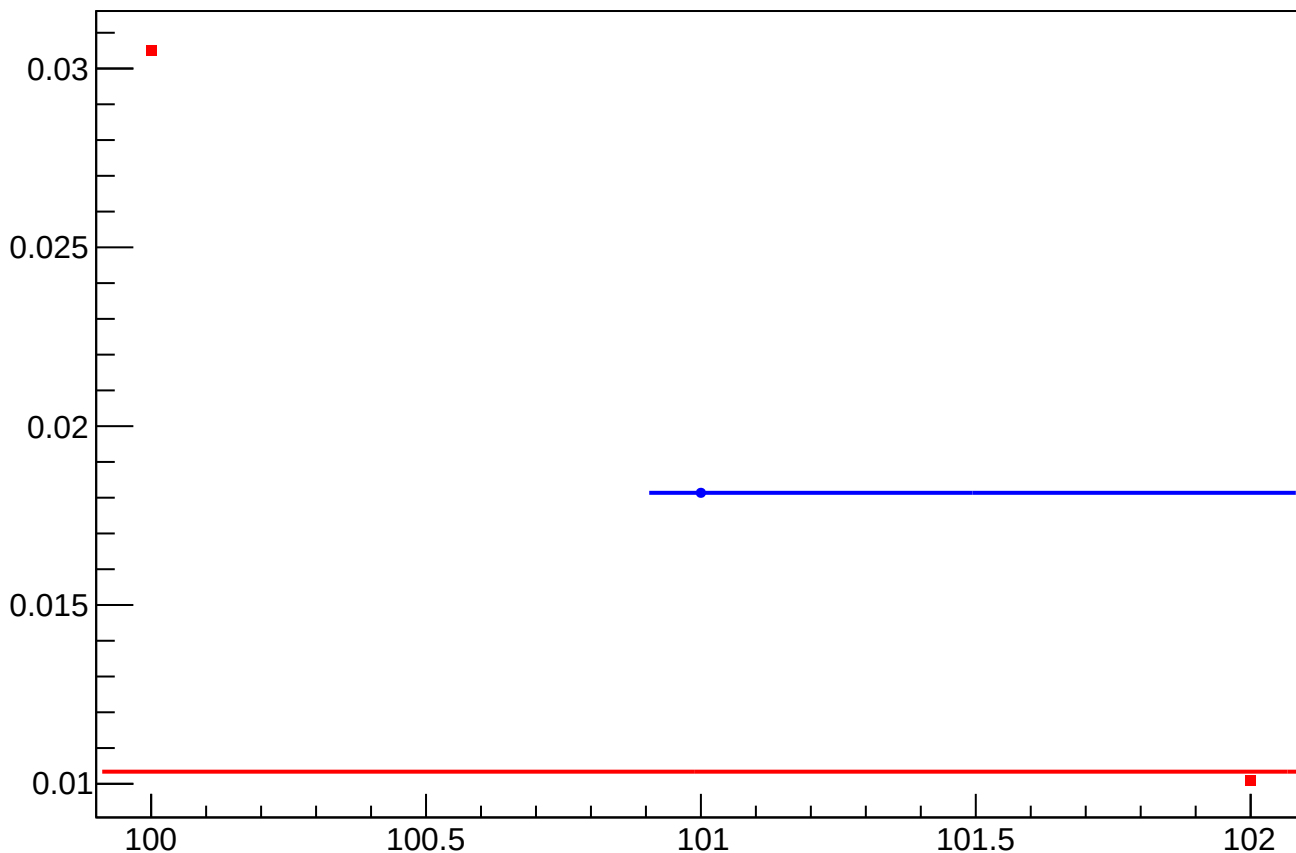
asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 1.9/1
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 2.7/2
 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 : 2.7/2

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.018 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 64088.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

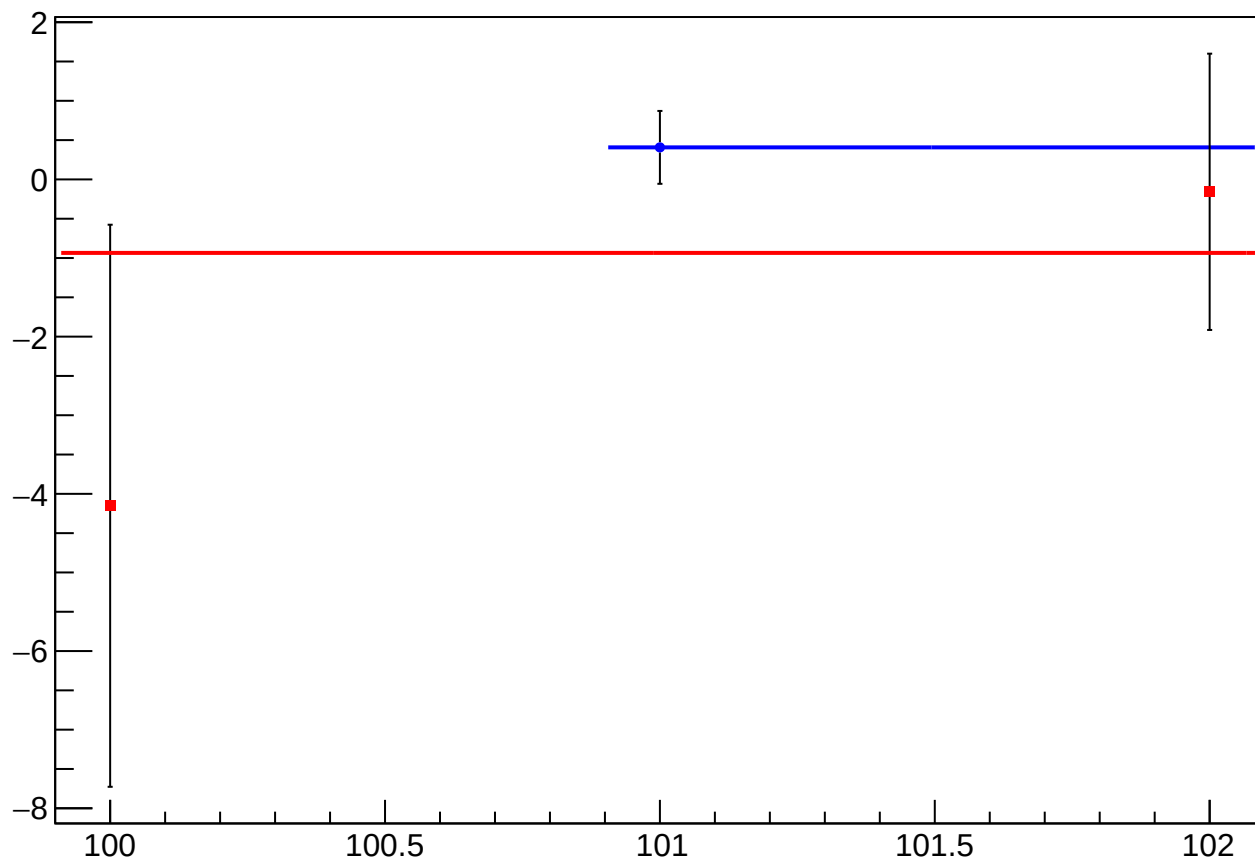
Right: 0.012 $\pm$ 0.000 χ^2 /NDF: 241963.8/2

In: 0.018 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.012 $\pm$ 0.000 χ^2 /NDF: 241963.8/2

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.408 $\pm$ 0.463 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.935 $\pm$ 1.577 χ^2 /NDF: 1.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

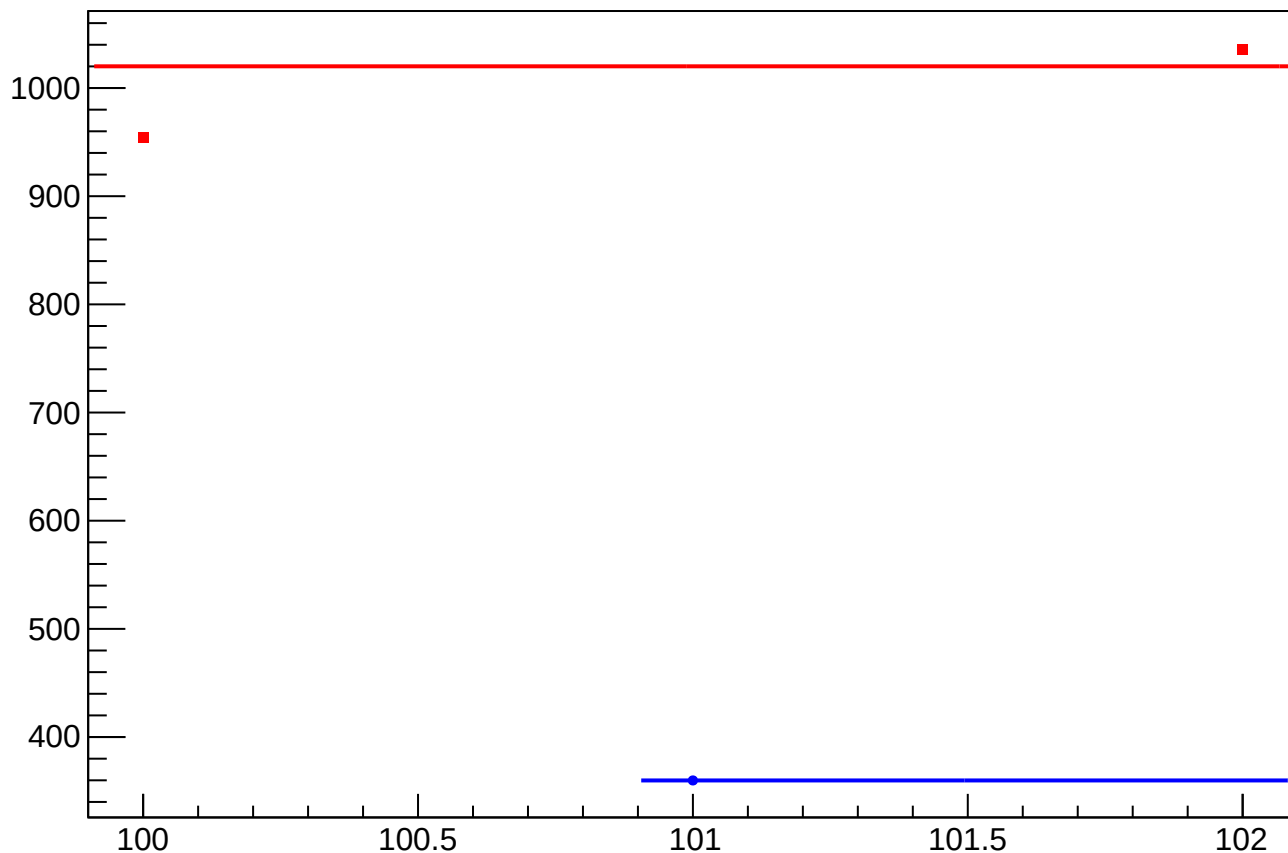
Right: 0.301 $\pm$ 0.445 χ^2 /NDF: 1.7/2

In: 0.408 $\pm$ 0.463 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.301 $\pm$ 0.445 χ^2 /NDF: 1.7/2

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 359.878+/-0.328 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1020.076+/-1.115 χ^2/NDF : 850.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

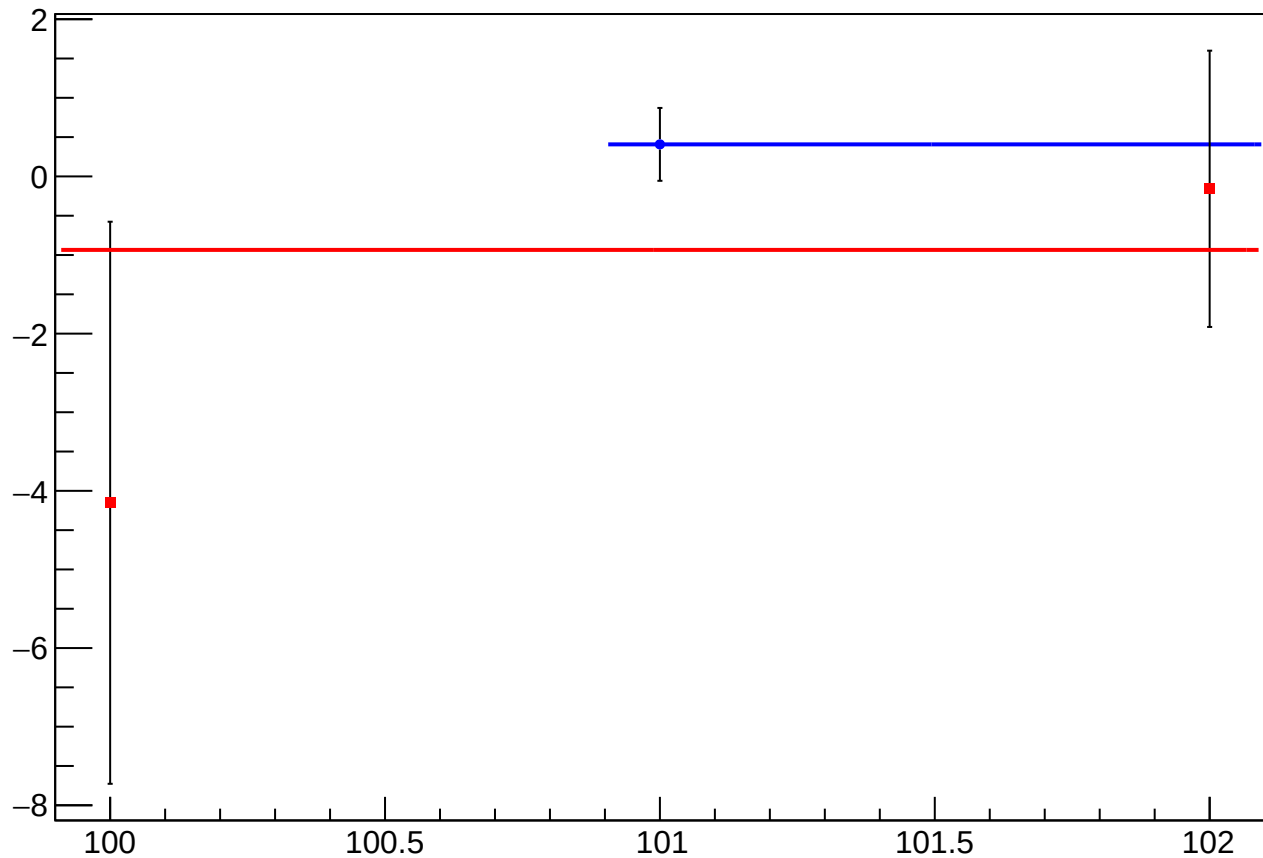
Right: 412.359+/-0.314 χ^2/NDF : 323451.9/2

In: 359.878+/-0.328 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 412.359+/-0.314 χ^2/NDF : 323451.9/2

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.408 $\pm$ 0.463 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.935 $\pm$ 1.577 χ^2 /NDF: 1.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

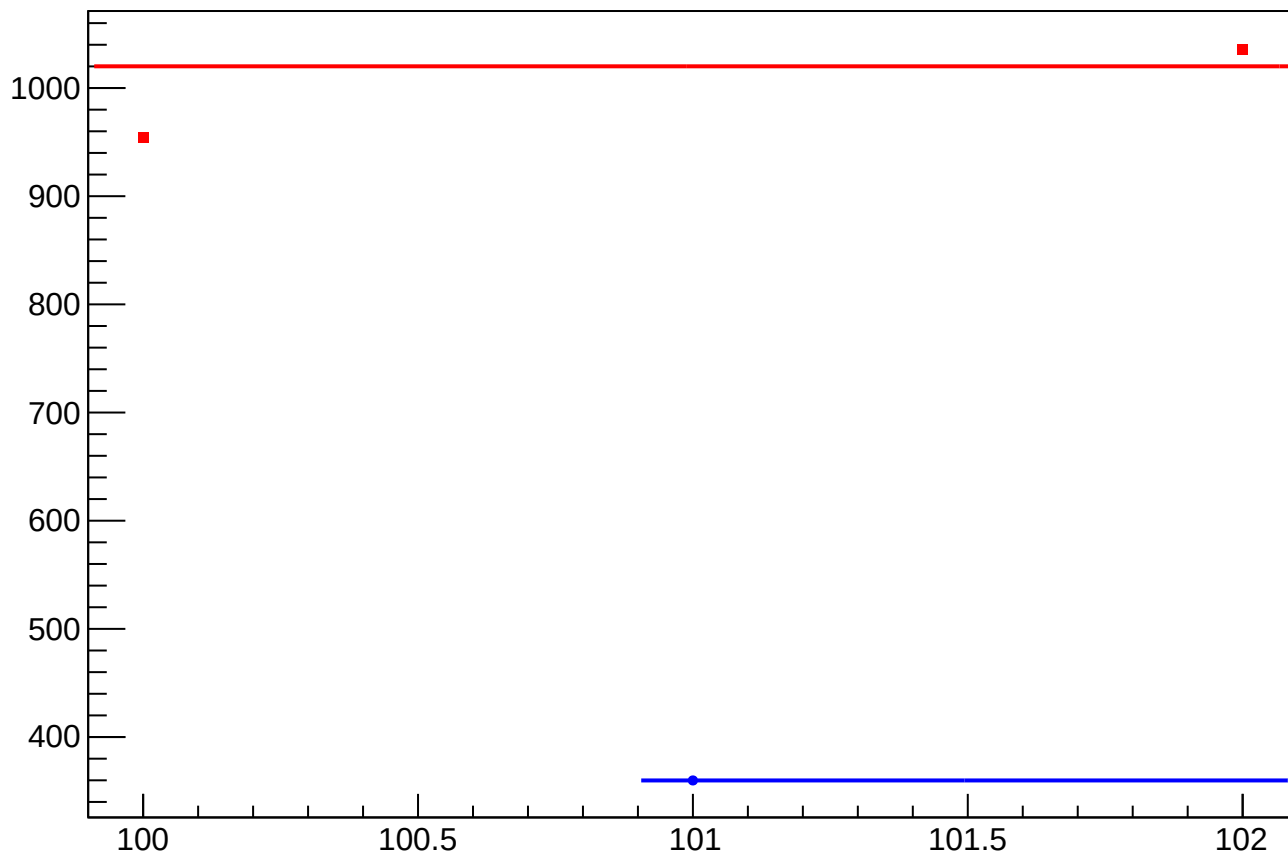
Right: 0.301 $\pm$ 0.445 χ^2 /NDF: 1.7/2

In: 0.408 $\pm$ 0.463 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.301 $\pm$ 0.445 χ^2 /NDF: 1.7/2

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 359.878+/-0.328 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1020.076+/-1.115 χ^2/NDF : 850.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

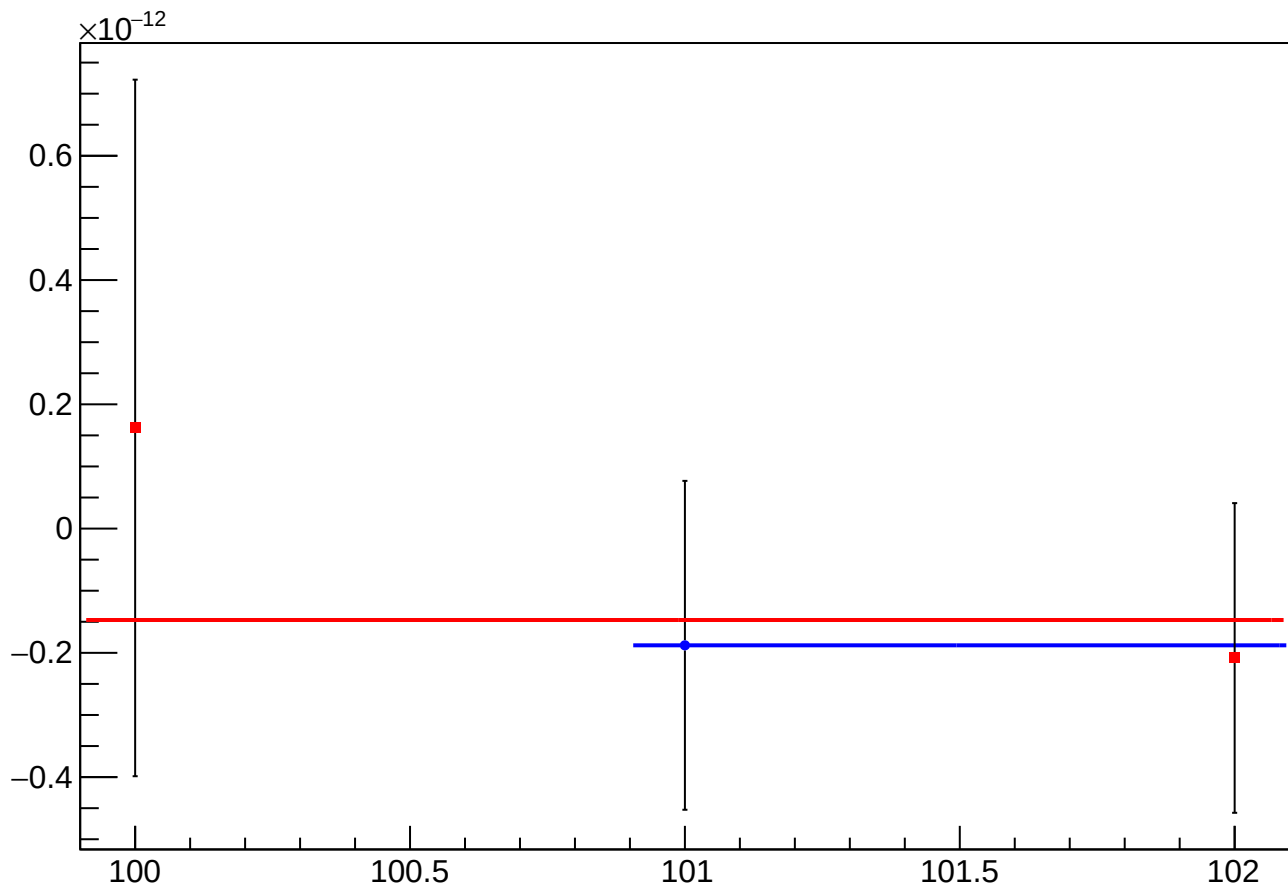
Right: 412.359+/-0.314 χ^2/NDF : 323451.9/2

In: 359.878+/-0.328 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 412.359+/-0.314 χ^2/NDF : 323451.9/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

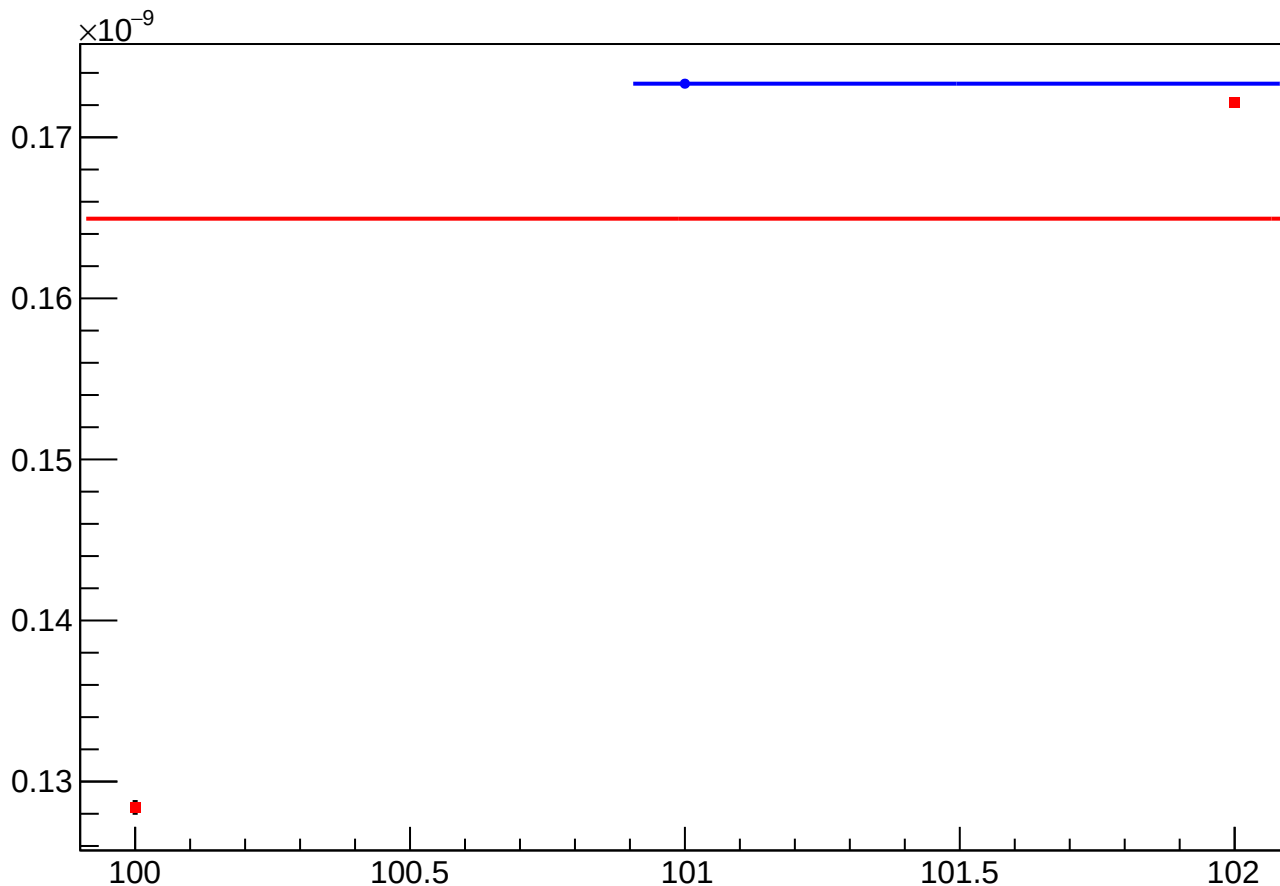
Right: -0.000+/-0.000 χ^2/NDF : 0.4/2

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 : 0.4/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10185.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

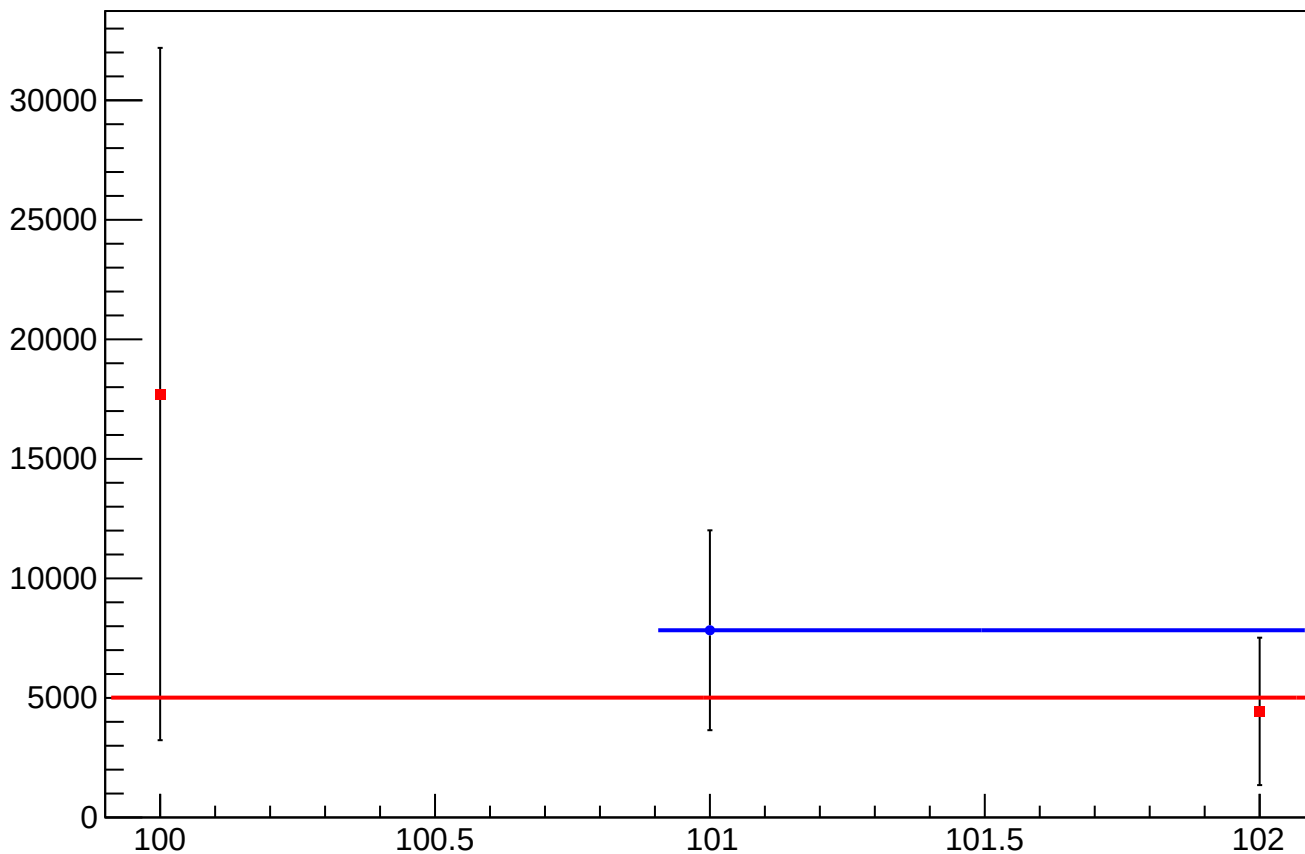
Right: 0.000+/-0.000 χ^2/NDF : 11338.6/2

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 : 11338.6/2

reg_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 7830.909 $\pm$ 4180.266 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 5012.488 $\pm$ -3015.608 χ^2 /NDF: 0.8/1

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

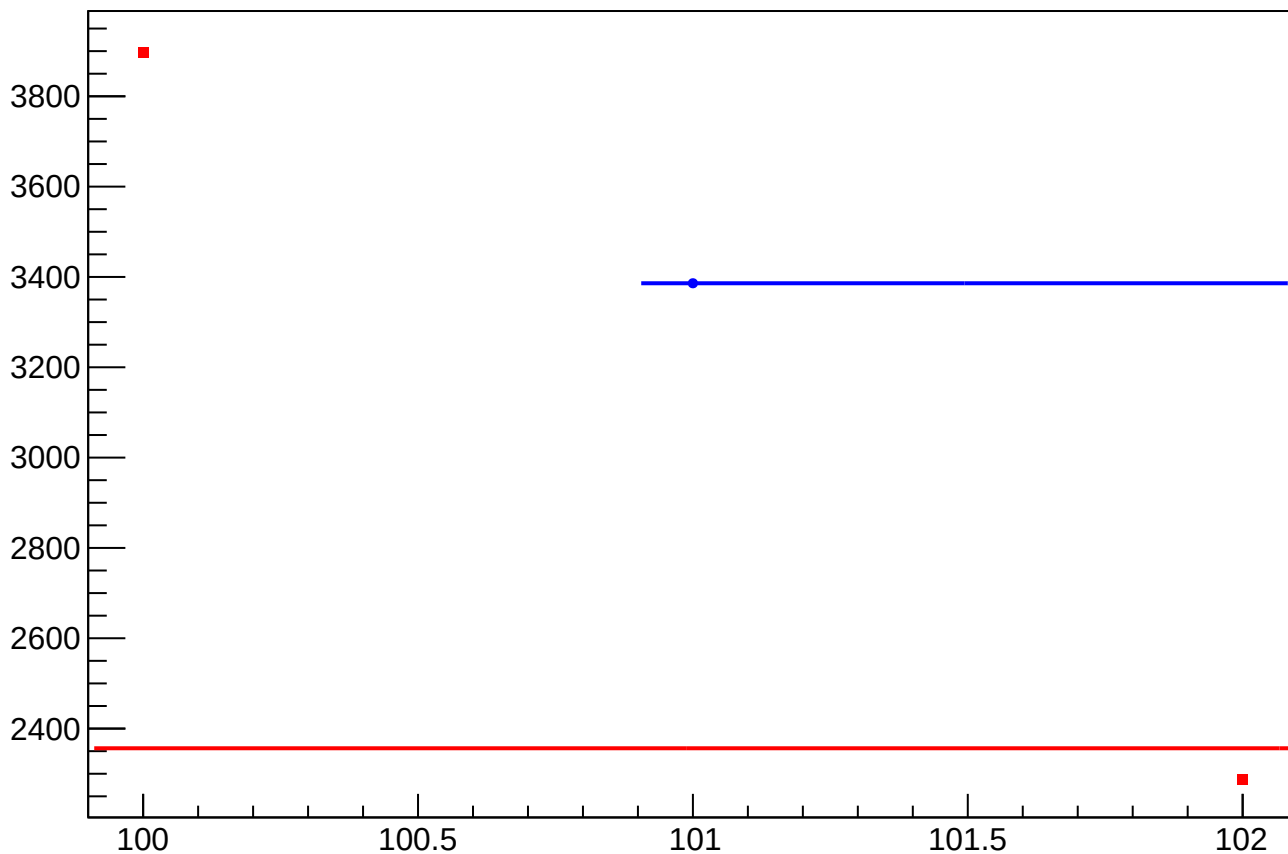
Right: 5977.179 $\pm$ -2445.655 χ^2 /NDF: 1.1/2

In: 7830.909 $\pm$ -4180.266 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 5977.179 $\pm$ -2445.655 χ^2 /NDF: 1.1/2

reg_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3386.021 $\pm$ 2.956 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2356.414 $\pm$ 2.132 χ^2 /NDF: 23676.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

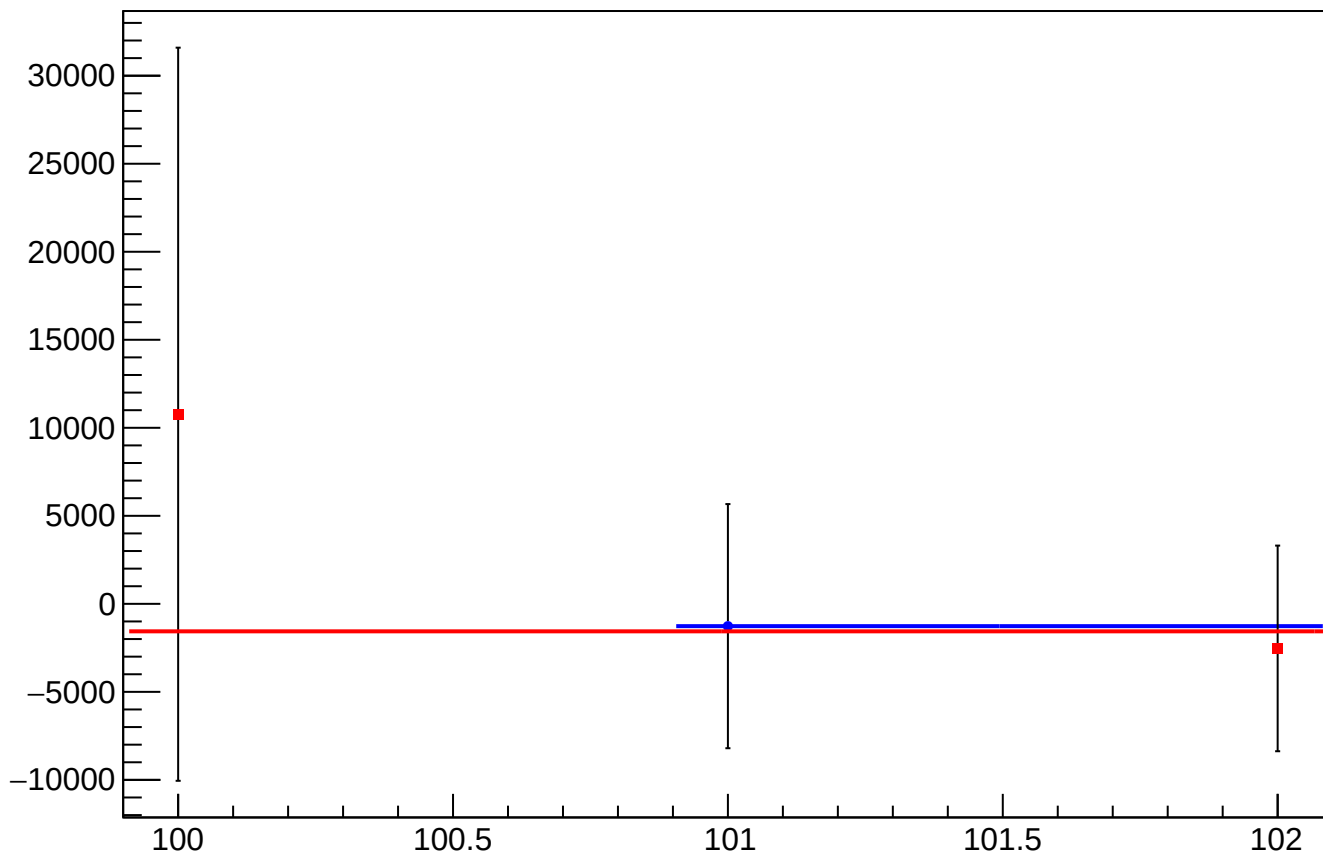
Right: 2708.779 $\pm$ 1.729 χ^2 /NDF: 103483.2/2

In: 3386.021 $\pm$ 2.956 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2708.779 $\pm$ 1.729 χ^2 /NDF: 103483.2/2

asym_us_avg_atlr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1267.319+/-6934.464 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1562.141+/-5623.606 χ^2/NDF : 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

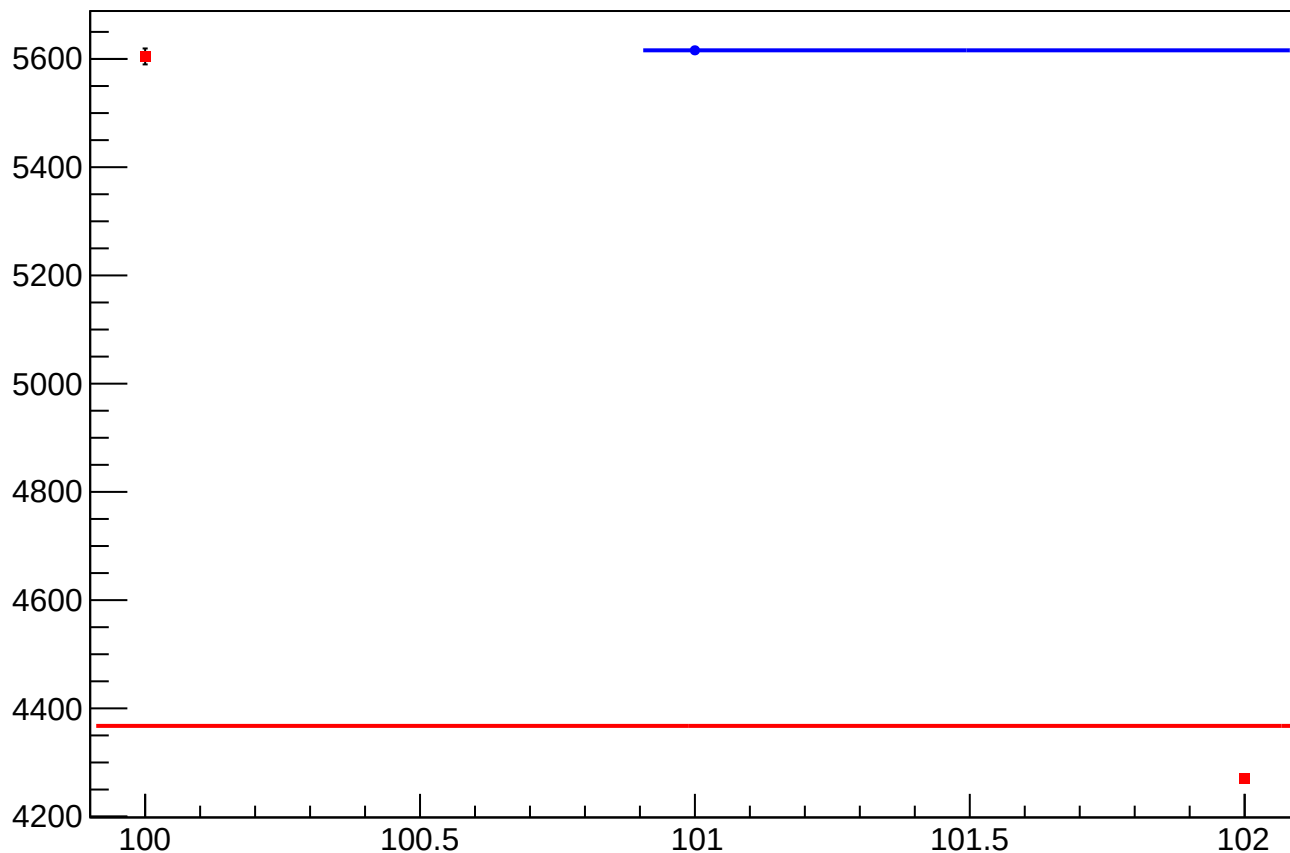
Right: -1445.173+/-4367.839 χ^2/NDF : 0.4/2

In: -1267.319+/-6934.464 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1445.173+/-4367.839 χ^2/NDF : 0.4/2

asym_us_avg_atlr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 5615.946 $\pm$ 4.903 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4367.614 $\pm$ 3.976 χ^2 /NDF: 7613.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

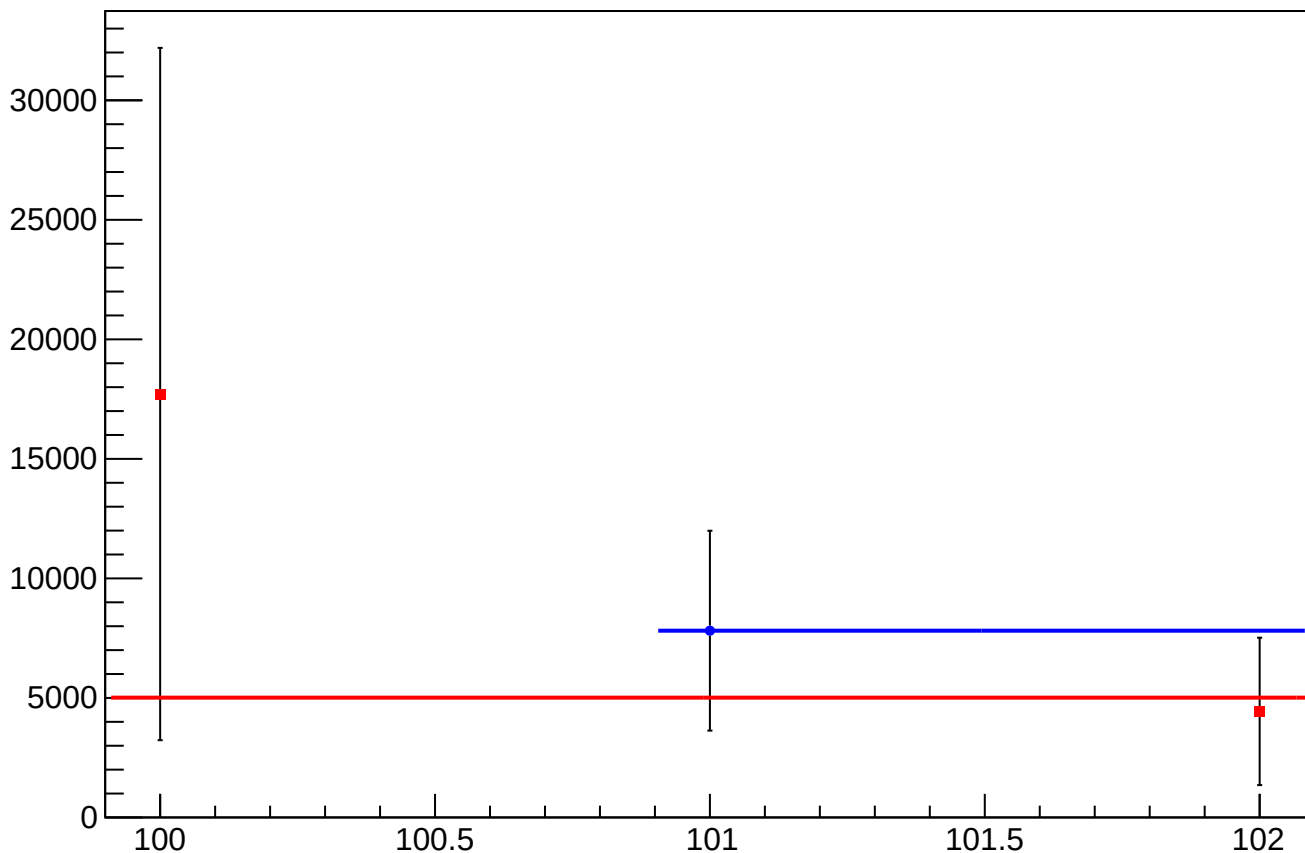
Right: 4862.879 $\pm$ 3.089 χ^2 /NDF: 46713.2/2

In: 5615.946 $\pm$ 4.903 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4862.879 $\pm$ 3.089 χ^2 /NDF: 46713.2/2

cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 7812.652+/-4180.286 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5012.341+/-3015.611 χ^2/NDF : 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

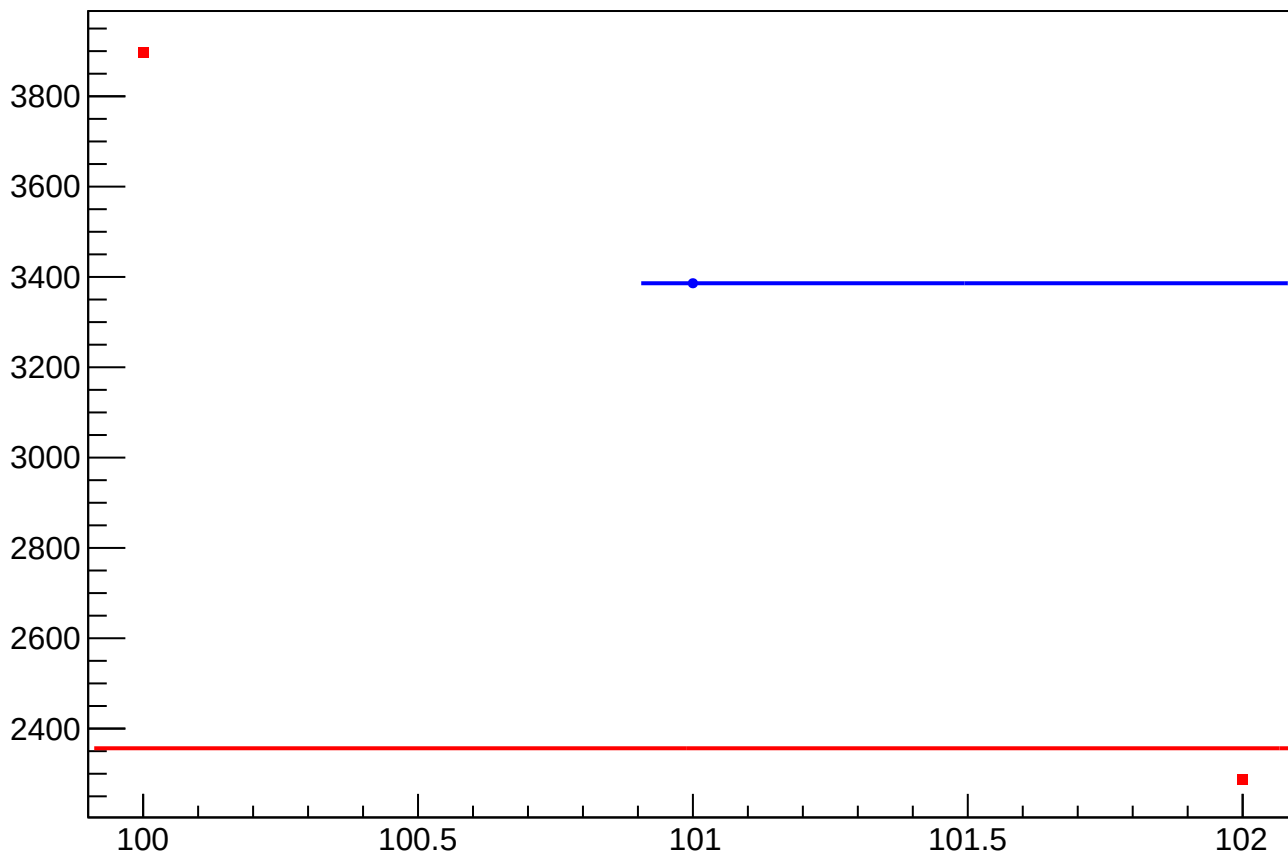
Right: 5970.829+/-2445.661 χ^2/NDF : 1.1/2

In: 7812.652+/-4180.286 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5970.829+/-2445.661 χ^2/NDF : 1.1/2

cor_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3386.033+/-2.956 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2356.412+/-2.132 χ^2/NDF : 23676.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

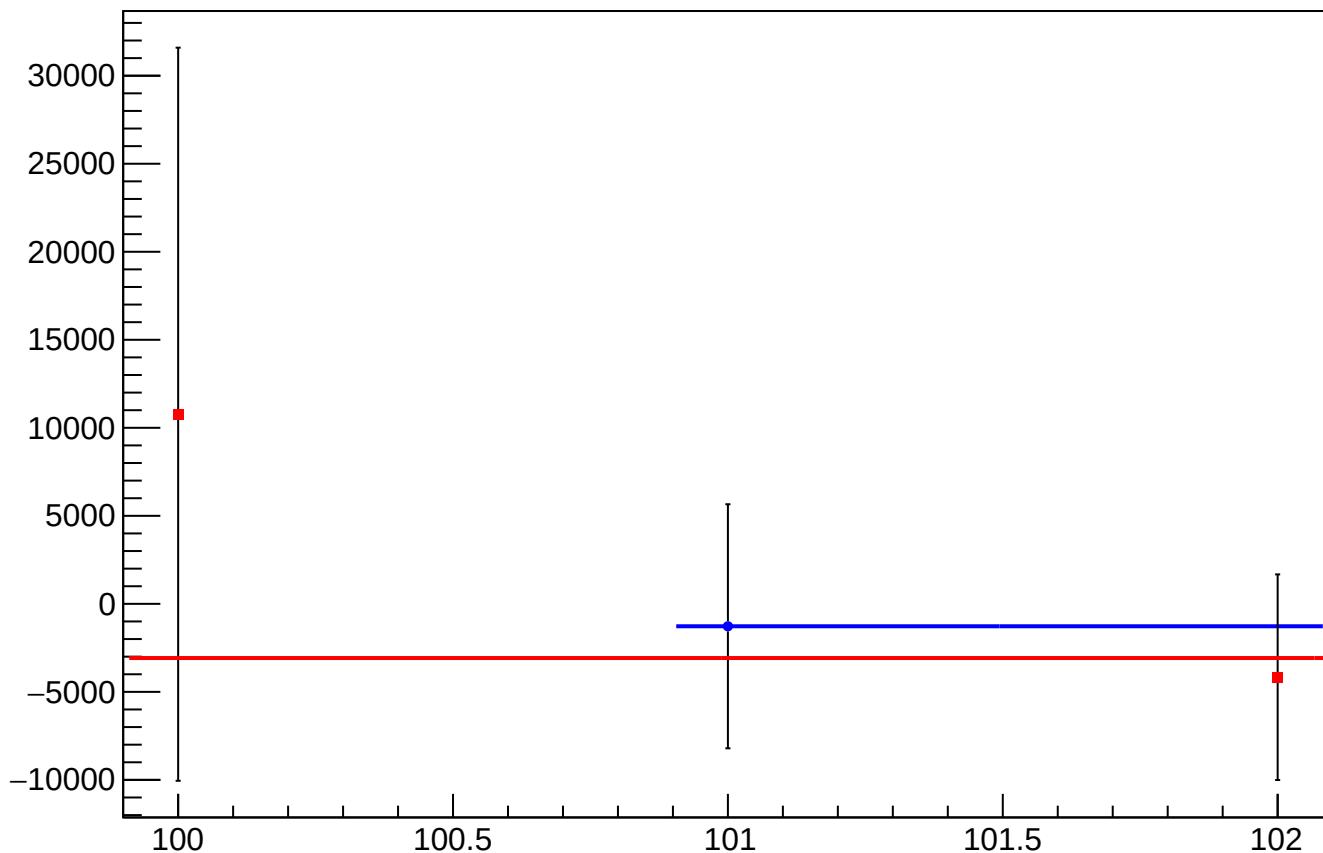
Right: 2708.780+/-1.729 χ^2/NDF : 103484.9/2

In: 3386.033+/-2.956 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2708.780+/-1.729 χ^2/NDF : 103484.9/2

asym_us_avg_atlr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1273.708+/-6932.289 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3077.836+/-5623.452 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

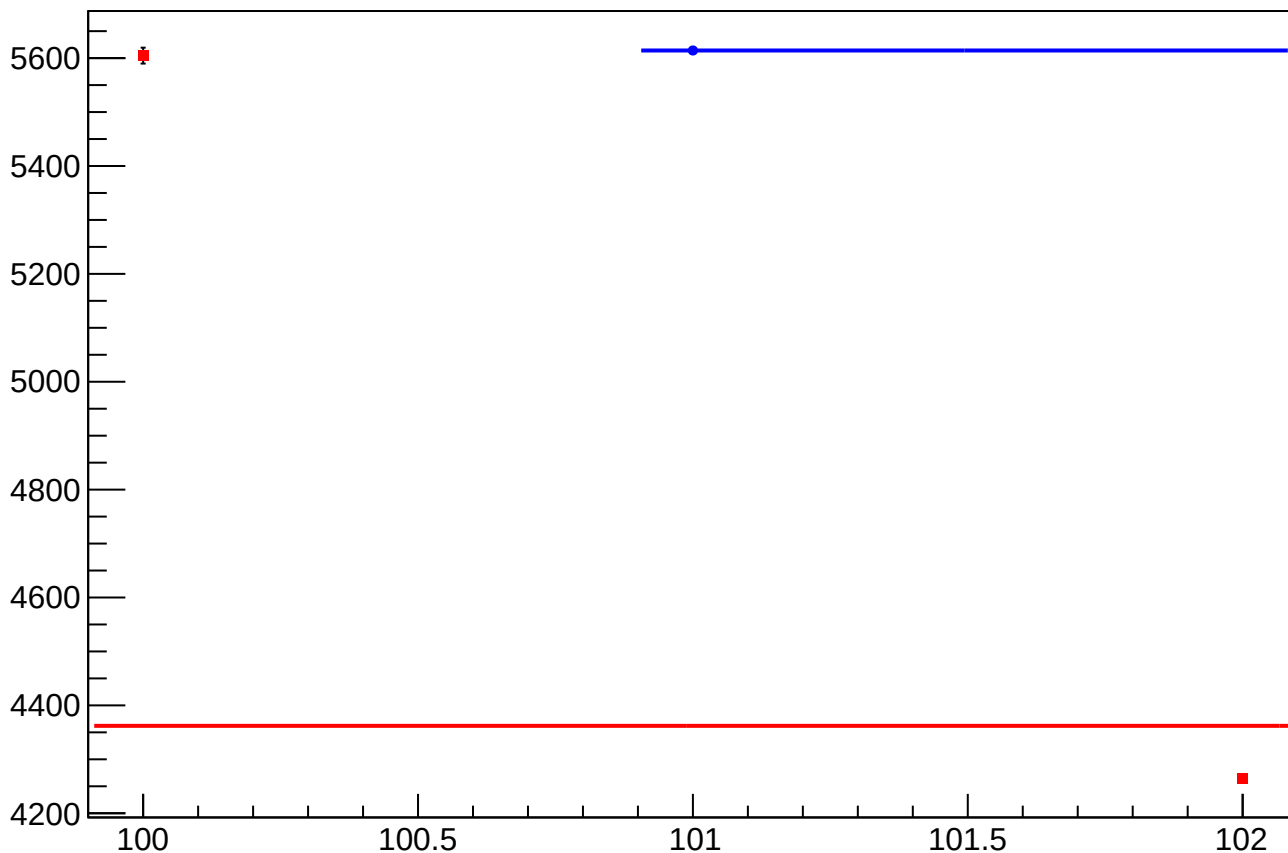
Right: -2361.817+/-4367.224 χ^2/NDF : 0.5/2

In: -1273.708+/-6932.289 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2361.817+/-4367.224 χ^2/NDF : 0.5/2

asym_us_avg_atlr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 5614.145+/-4.902 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4362.060+/-3.976 χ^2/NDF : 7682.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

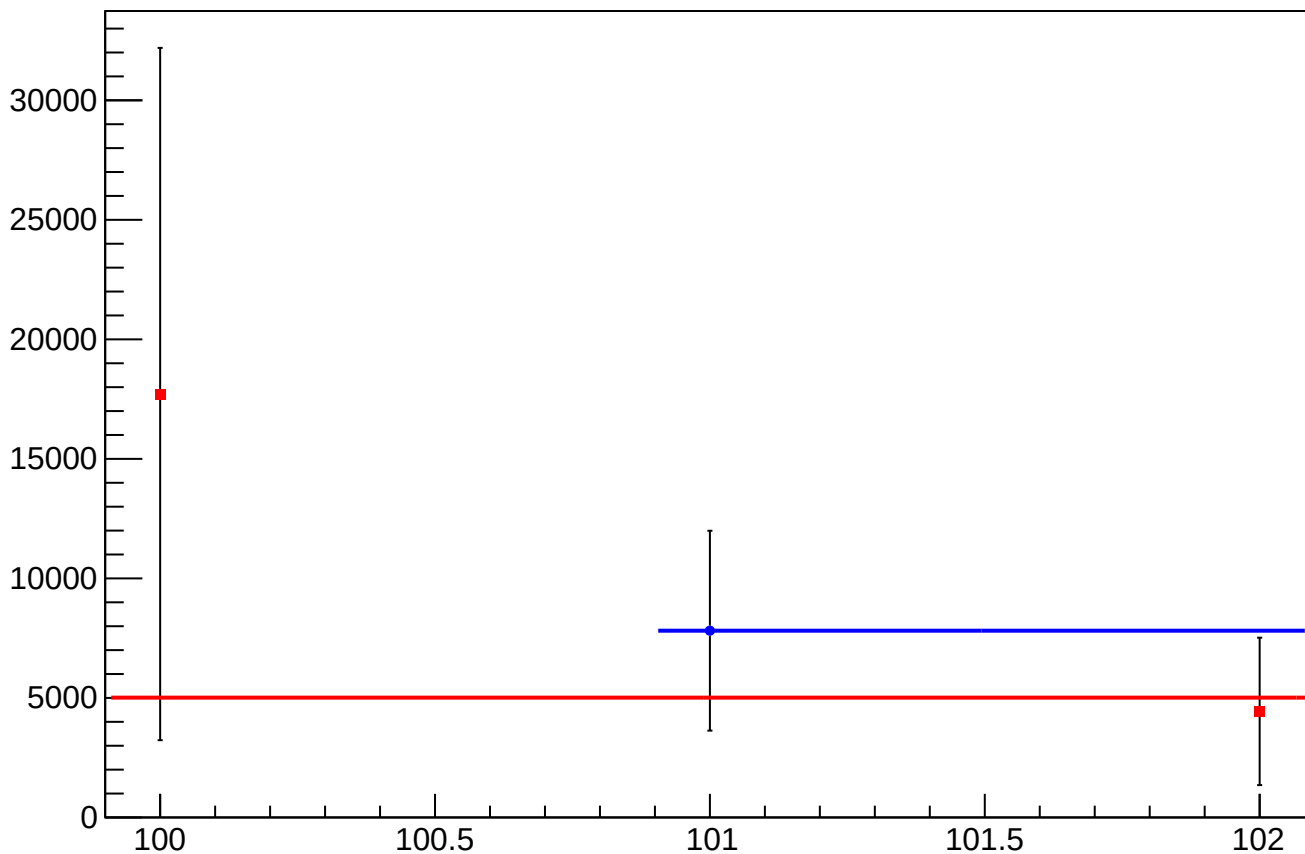
Right: 4858.986+/-3.088 χ^2/NDF : 47032.7/2

In: 5614.145+/-4.902 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4858.986+/-3.088 χ^2/NDF : 47032.7/2

eigen_cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 7812.652+/-4180.286 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5012.341+/-3015.611 χ^2/NDF : 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

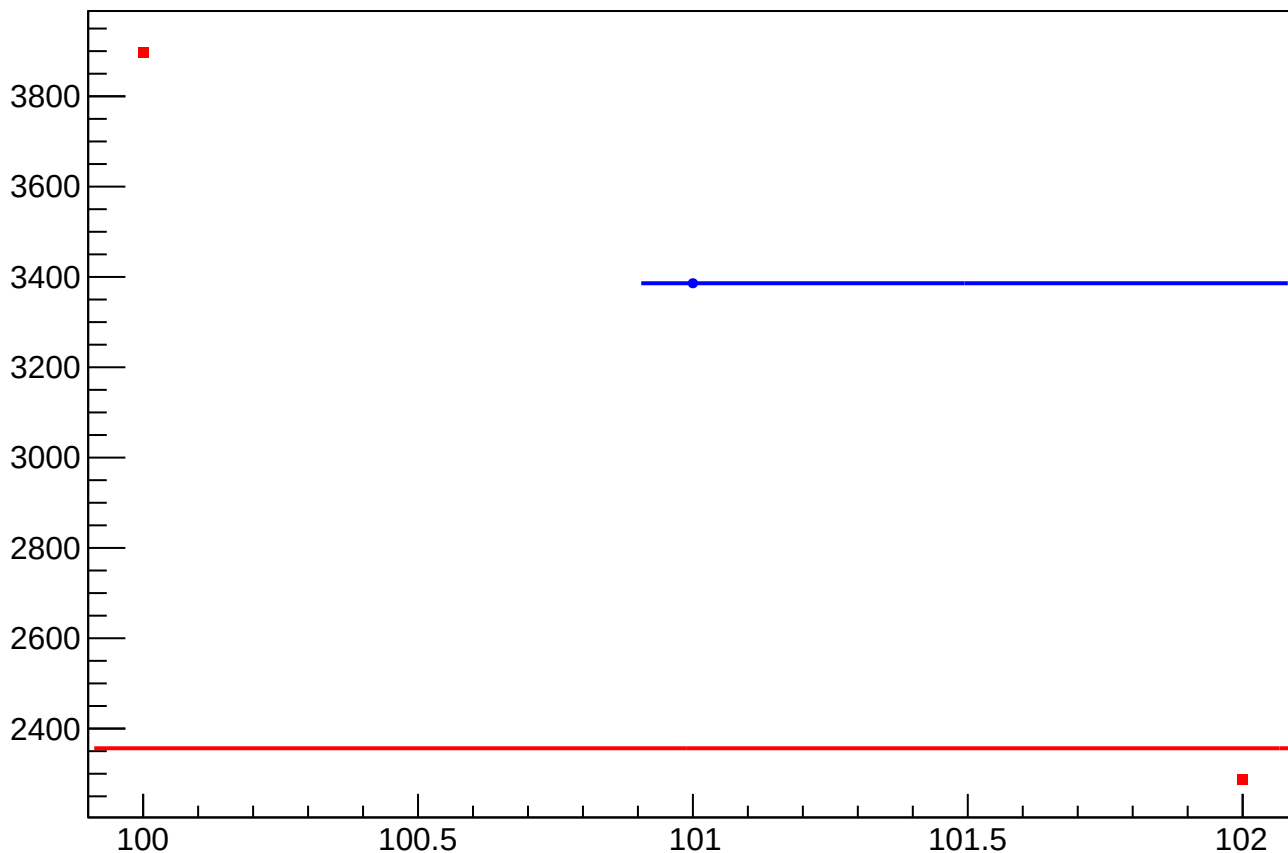
Right: 5970.829+/-2445.661 χ^2/NDF : 1.1/2

In: 7812.652+/-4180.286 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5970.829+/-2445.661 χ^2/NDF : 1.1/2

eigen_cor_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3386.033+/-2.956 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2356.412+/-2.132 χ^2/NDF : 23676.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

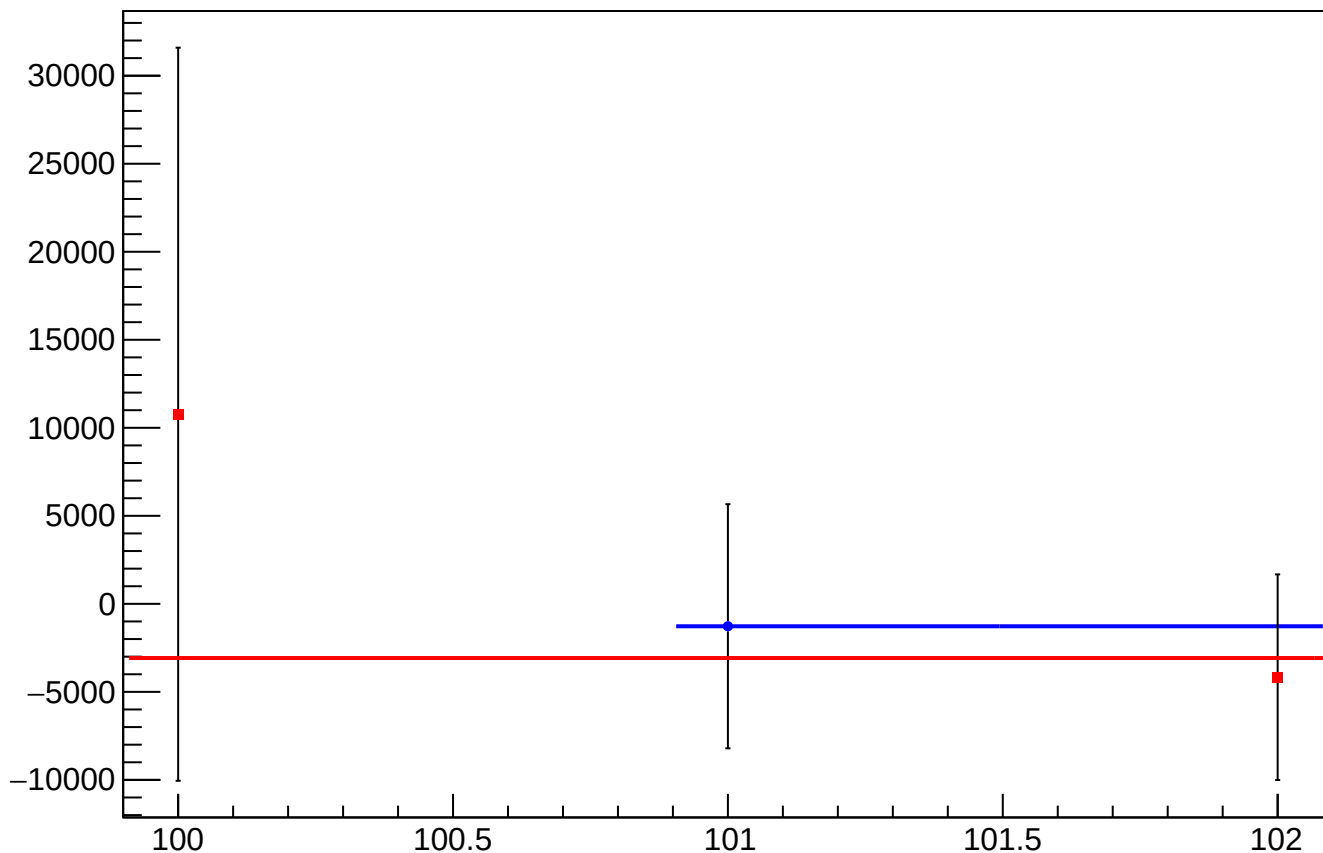
Right: 2708.780+/-1.729 χ^2/NDF : 103484.9/2

In: 3386.033+/-2.956 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2708.780+/-1.729 χ^2/NDF : 103484.9/2

asym_us_avg_atlr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1273.708+/-6932.289 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3077.836+/-5623.452 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

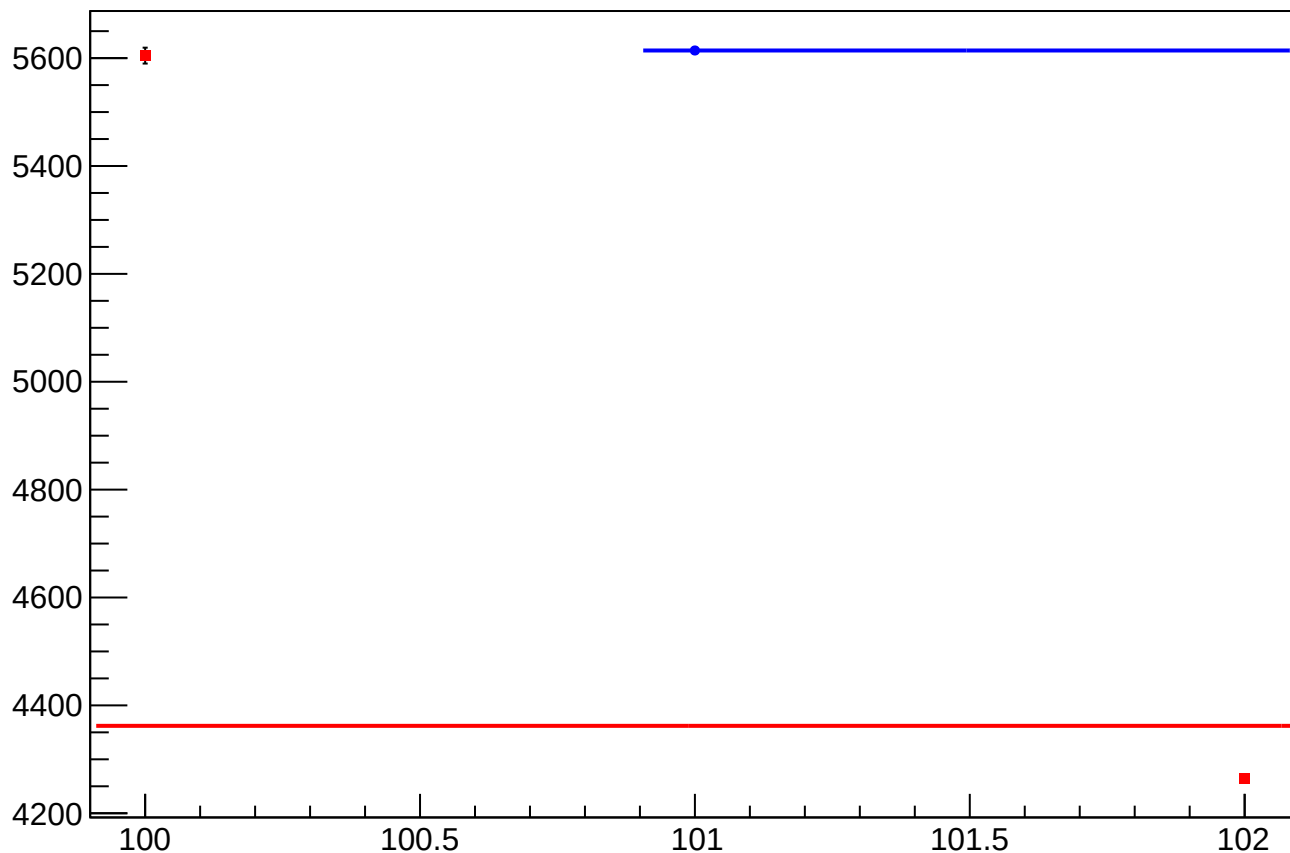
Right: -2361.817+/-4367.224 χ^2/NDF : 0.5/2

In: -1273.708+/-6932.289 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2361.817+/-4367.224 χ^2/NDF : 0.5/2

asym_us_avg_atlr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 5614.145+/-4.902 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4362.060+/-3.976 χ^2/NDF : 7682.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

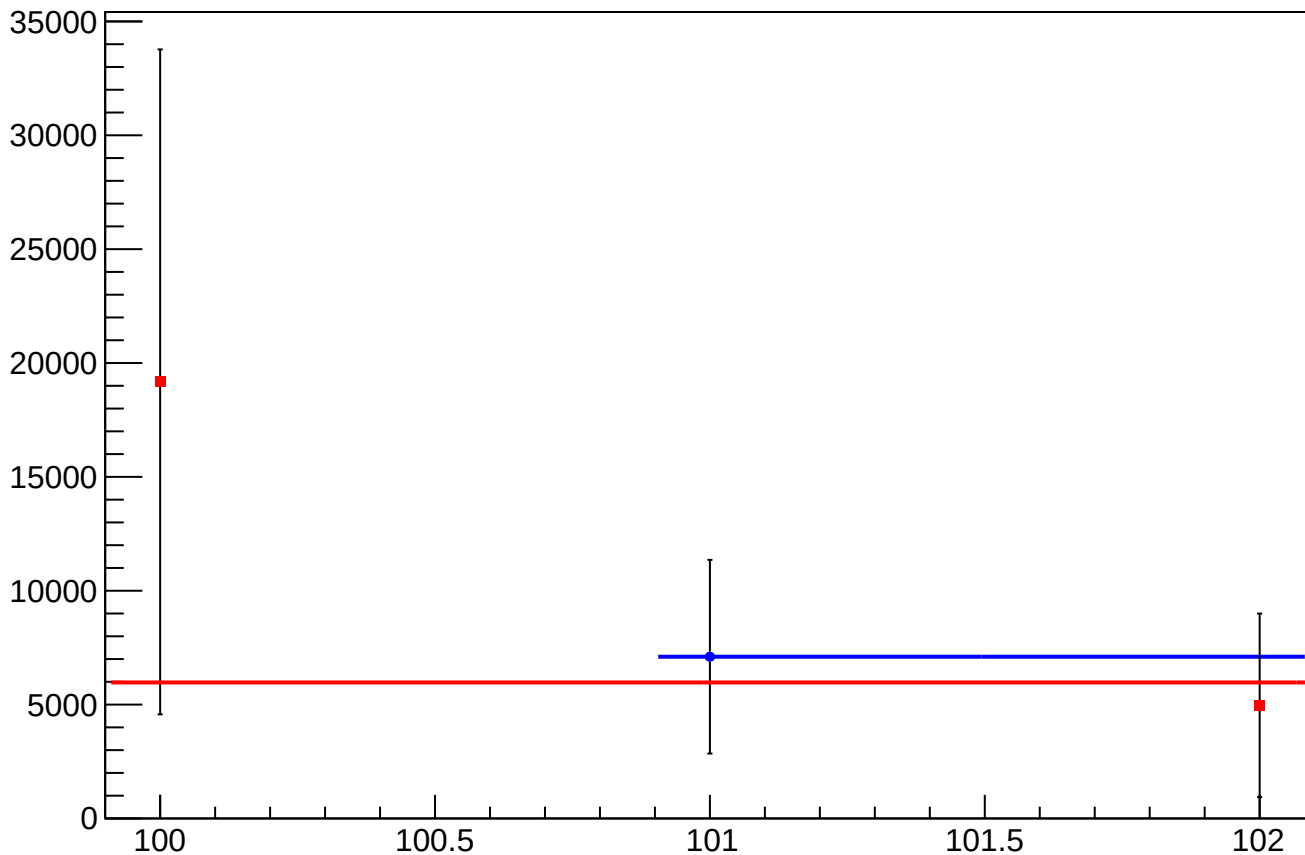
Right: 4858.986+/-3.088 χ^2/NDF : 47032.7/2

In: 5614.145+/-4.902 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4858.986+/-3.088 χ^2/NDF : 47032.7/2

dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 7102.378+/-4253.291 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5972.393+/-3885.618 χ^2/NDF : 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

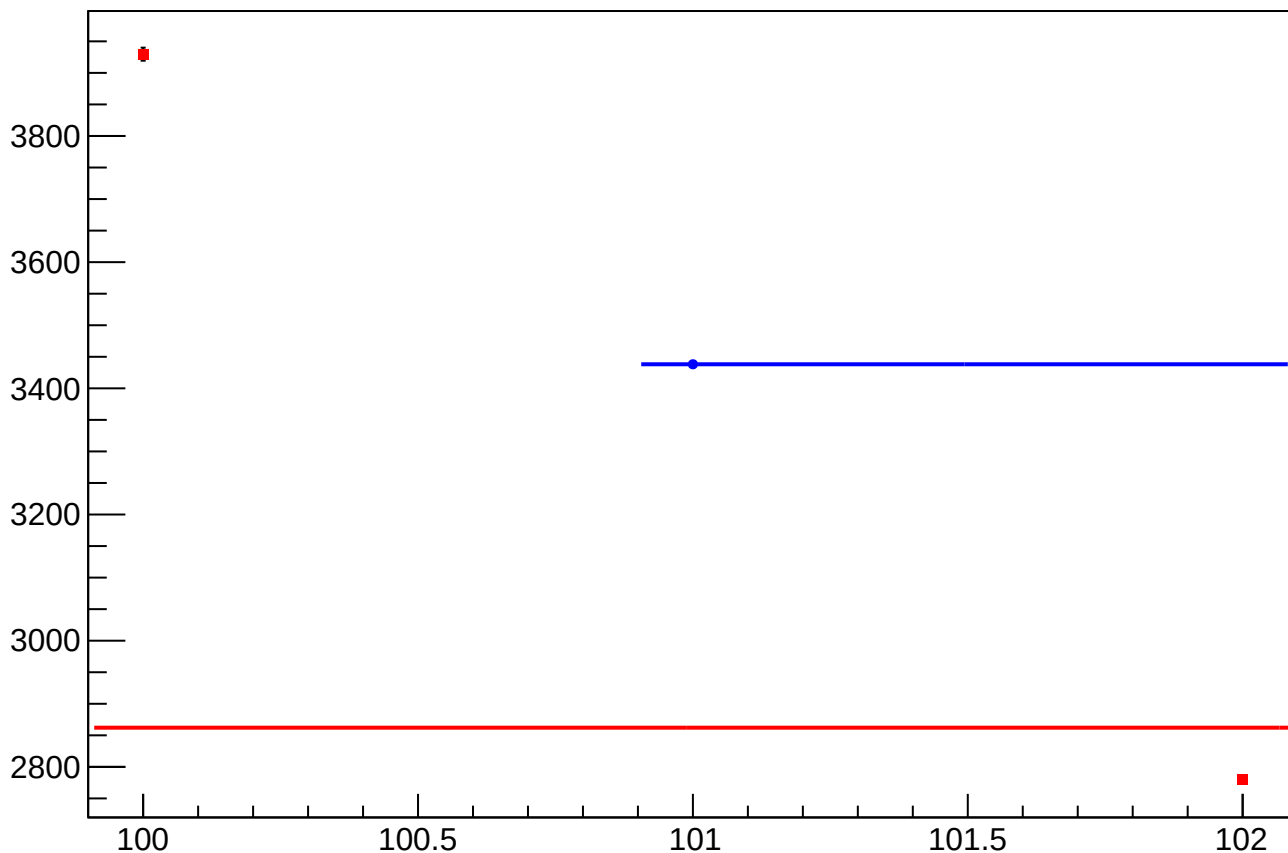
Right: 6486.442+/-2868.741 χ^2/NDF : 0.9/2

In: 7102.378+/-4253.291 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6486.442+/-2868.741 χ^2/NDF : 0.9/2

dit_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3438.148 $\pm$ 3.008 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2862.119 $\pm$ 2.747 χ^2 /NDF: 11506.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

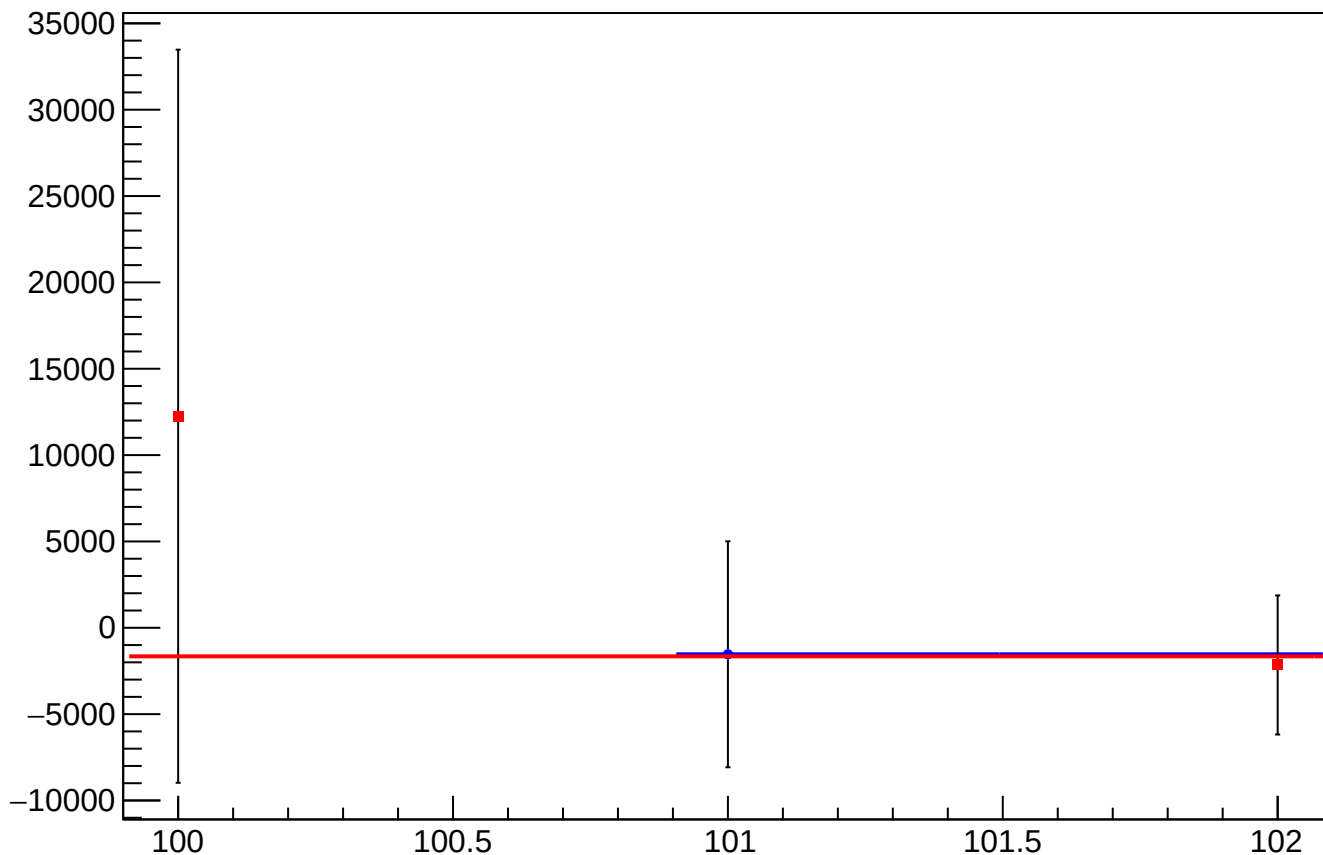
Right: 3124.116 $\pm$ 2.028 χ^2 /NDF: 31505.3/2

In: 3438.148 $\pm$ 3.008 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3124.116 $\pm$ 2.028 χ^2 /NDF: 31505.3/2

asym_us_avg_atlr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1534.804+/-6542.391 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1653.459+/-3955.107 χ^2/NDF : 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

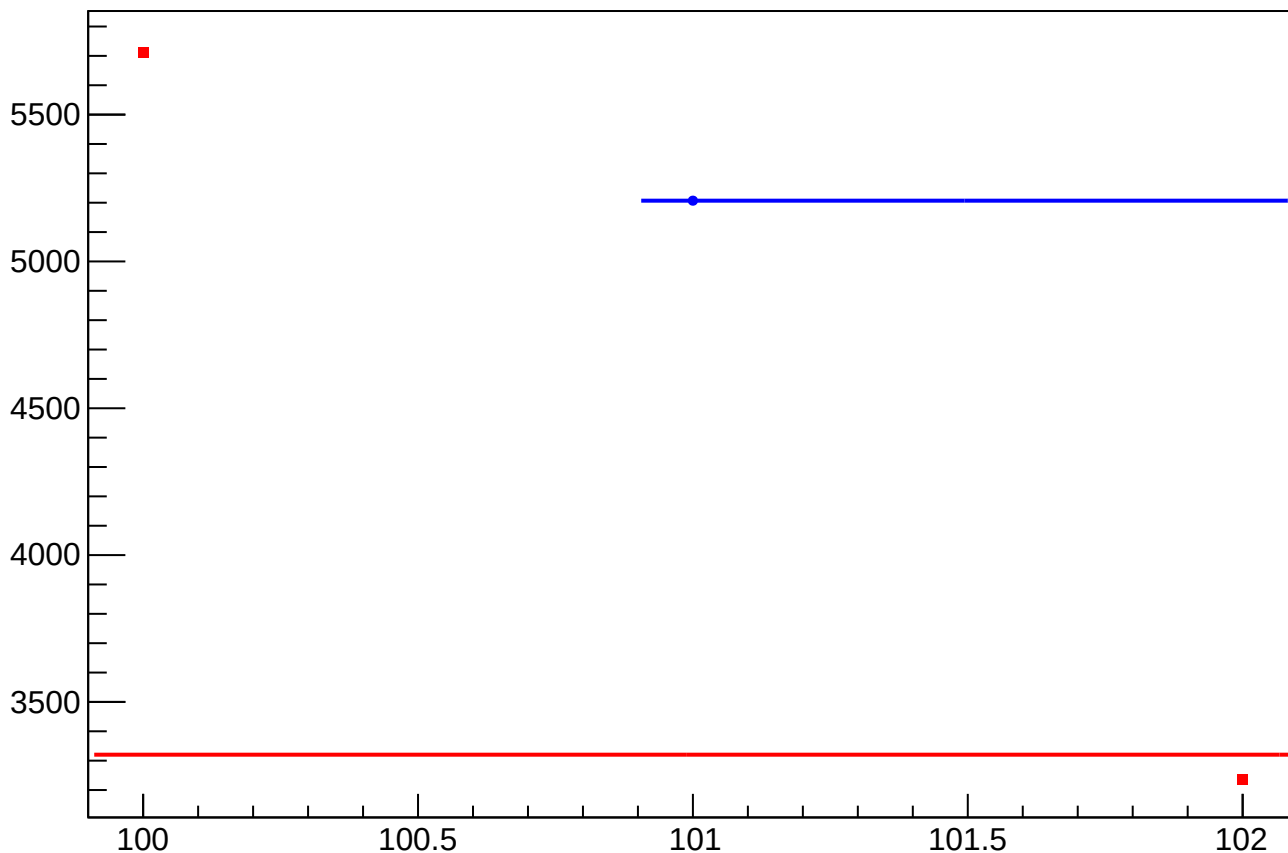
Right: -1621.701+/-3384.685 χ^2/NDF : 0.4/2

In: -1534.804+/-6542.391 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1621.701+/-3384.685 χ^2/NDF : 0.4/2

asym_us_avg_atlr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 5206.927+/-4.626 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3320.327+/-2.797 χ^2/NDF : 26326.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

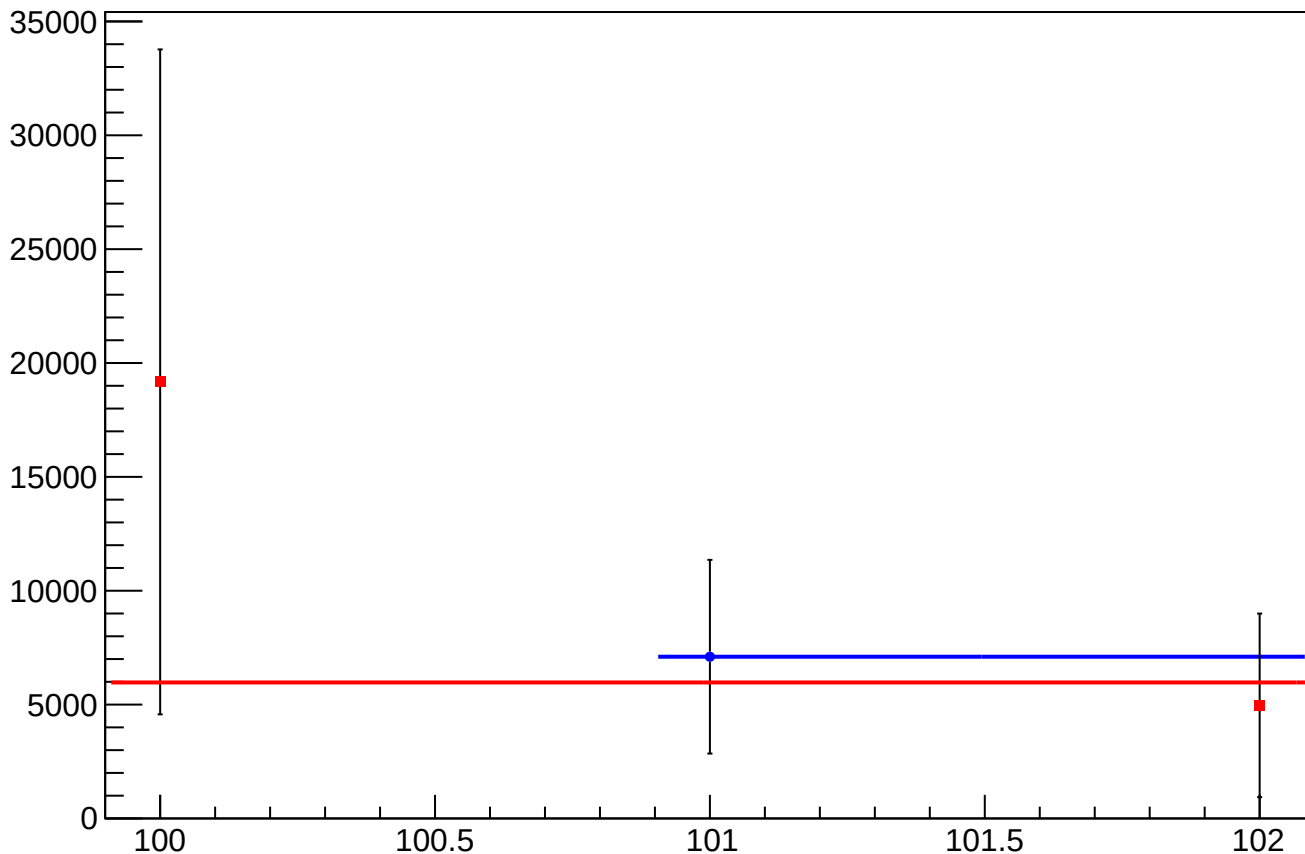
Right: 3825.271+/-2.393 χ^2/NDF : 148124.0/2

In: 5206.927+/-4.626 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3825.271+/-2.393 χ^2/NDF : 148124.0/2

eigen_dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 7102.355+/-4253.291 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5972.373+/-3885.614 χ^2/NDF : 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

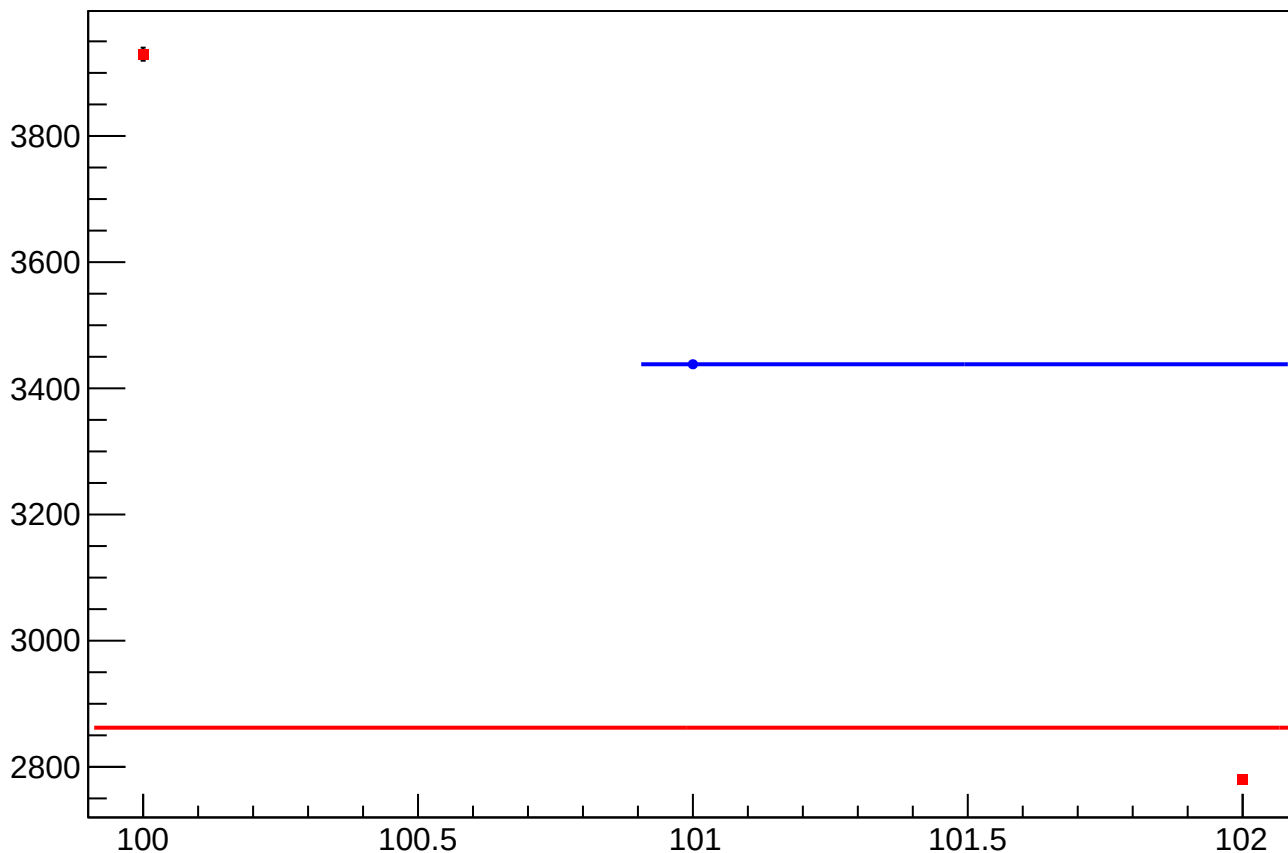
Right: 6486.421+/-2868.739 χ^2/NDF : 0.9/2

In: 7102.355+/-4253.291 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6486.421+/-2868.739 χ^2/NDF : 0.9/2

eigen_dit_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3438.148 $\pm$ 3.008 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2862.115 $\pm$ 2.747 χ^2 /NDF: 11506.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

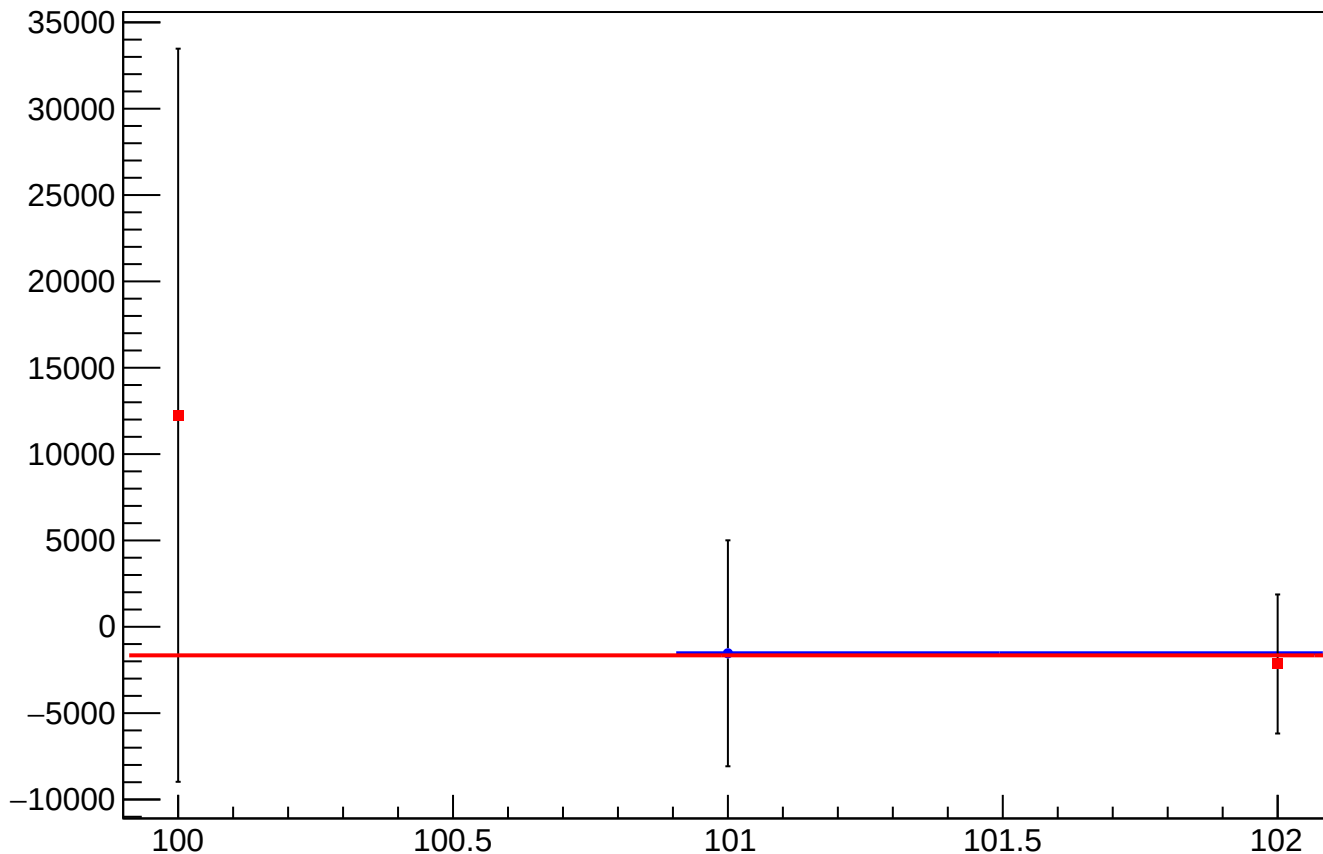
Right: 3124.113 $\pm$ 2.028 χ^2 /NDF: 31505.7/2

In: 3438.148 $\pm$ 3.008 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3124.113 $\pm$ 2.028 χ^2 /NDF: 31505.7/2

asym_us_avg_atlr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1534.822+/-6542.381 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1653.450+/-3955.098 χ^2 /NDF: 0.4/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

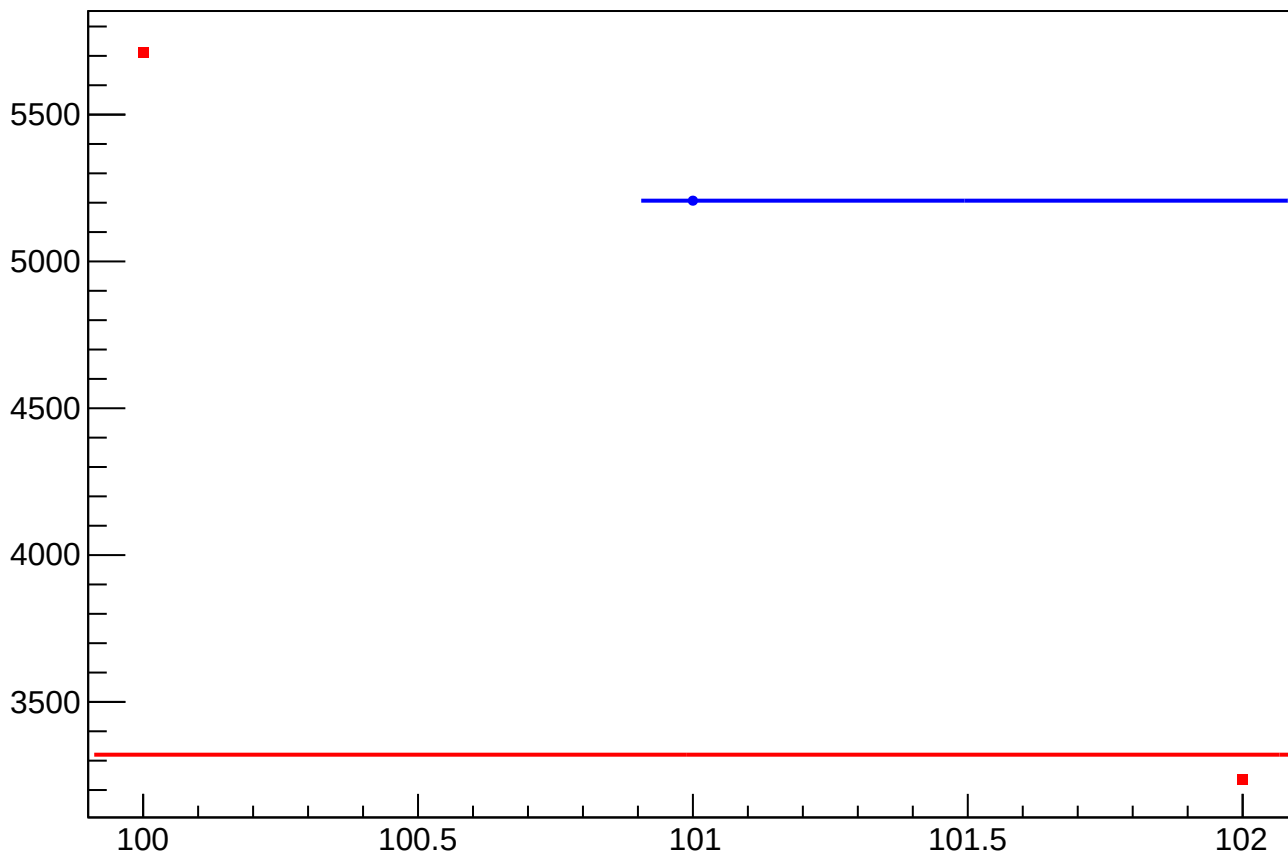
Right: -1621.700+/-3384.678 χ^2 /NDF: 0.4/2

In: -1534.822+/-6542.381 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1621.700+/-3384.678 χ^2 /NDF: 0.4/2

asym_us_avg_atlr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5206.919+/-4.626 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3320.319+/-2.797 χ^2/NDF : 26326.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

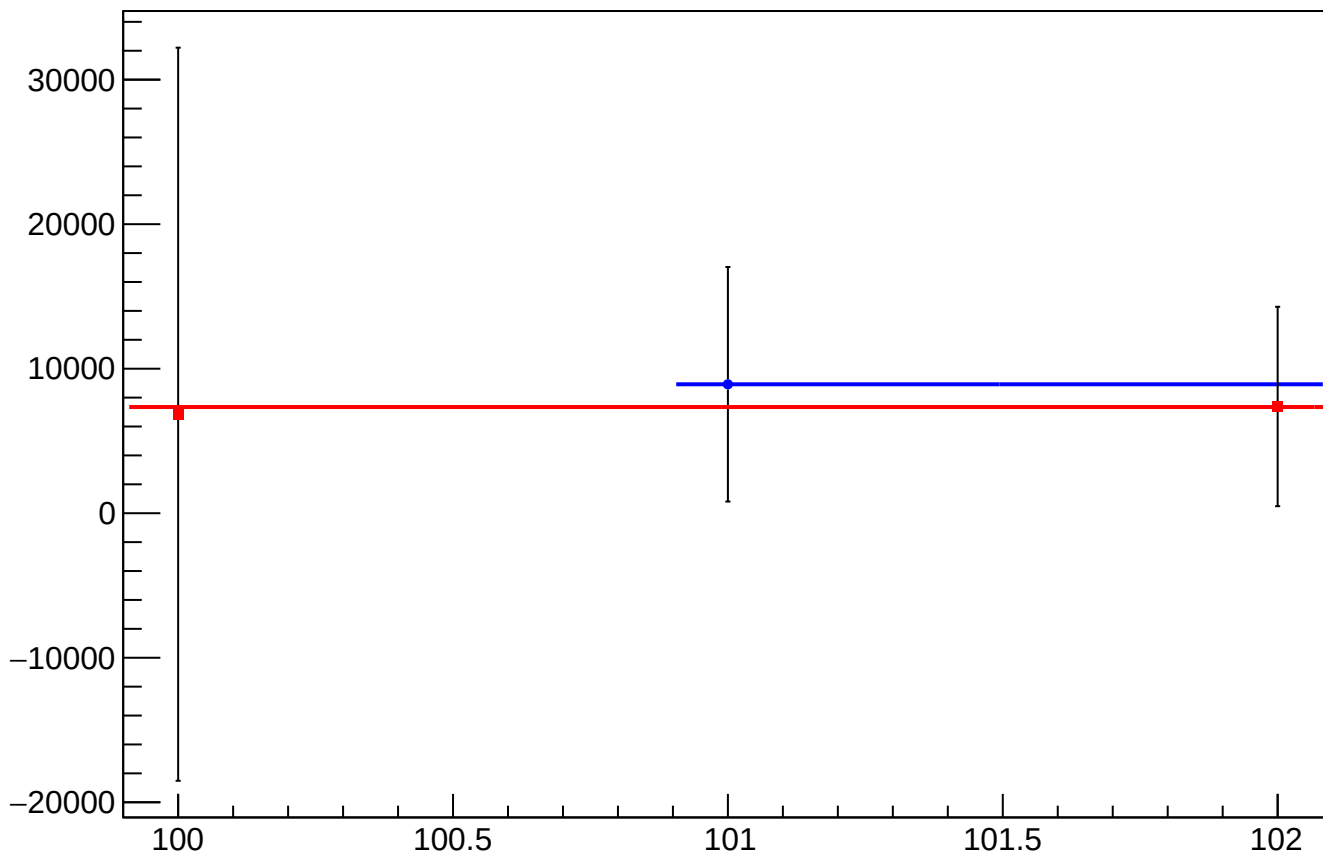
Right: 3825.263+/-2.393 χ^2/NDF : 148124.4/2

In: 5206.919+/-4.626 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3825.263+/-2.393 χ^2/NDF : 148124.4/2

asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 8921.795+/-8115.047 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7348.535+/-6656.529 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

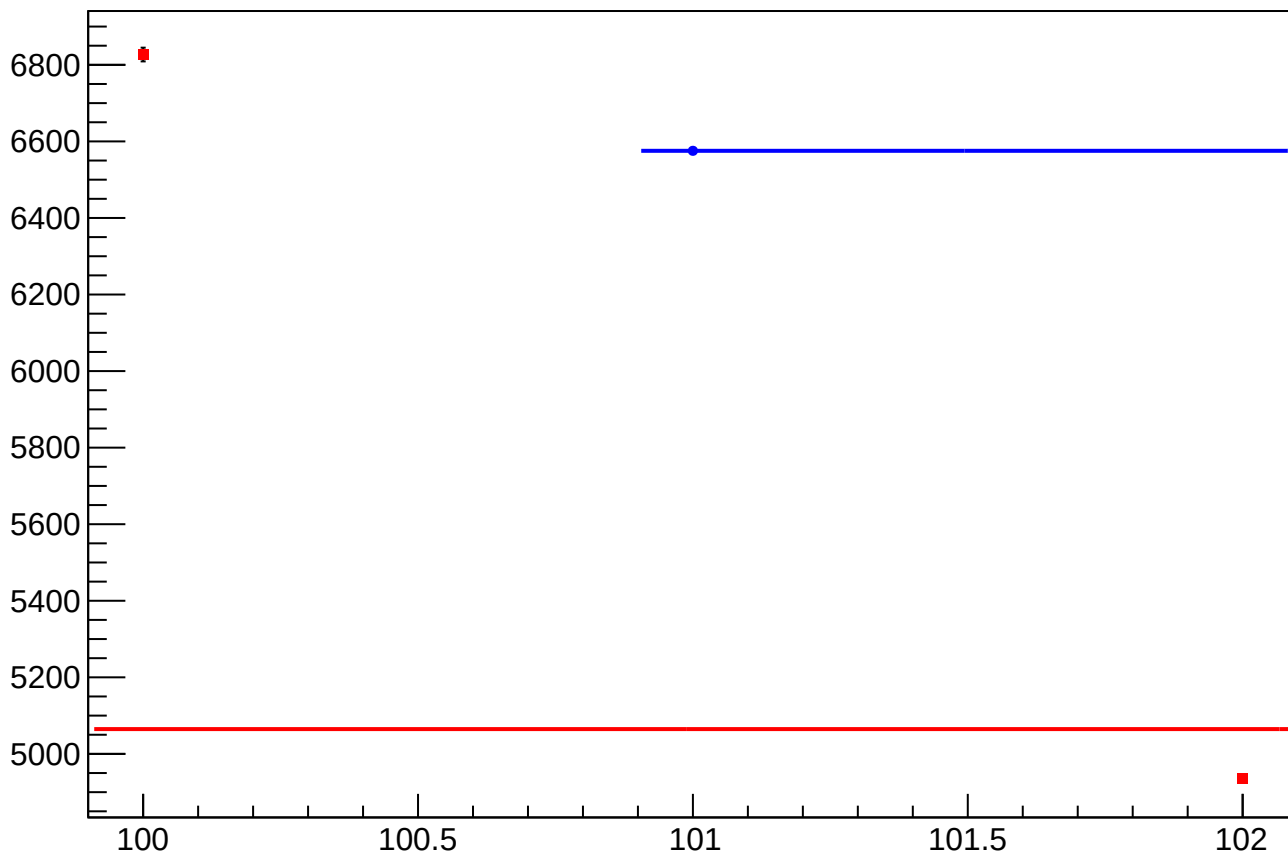
Right: 7981.324+/-5146.598 χ^2/NDF : 0.0/2

In: 8921.795+/-8115.047 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7981.324+/-5146.598 χ^2/NDF : 0.0/2

asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 6575.417+/-5.738 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5064.793+/-4.705 χ^2/NDF : 10366.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

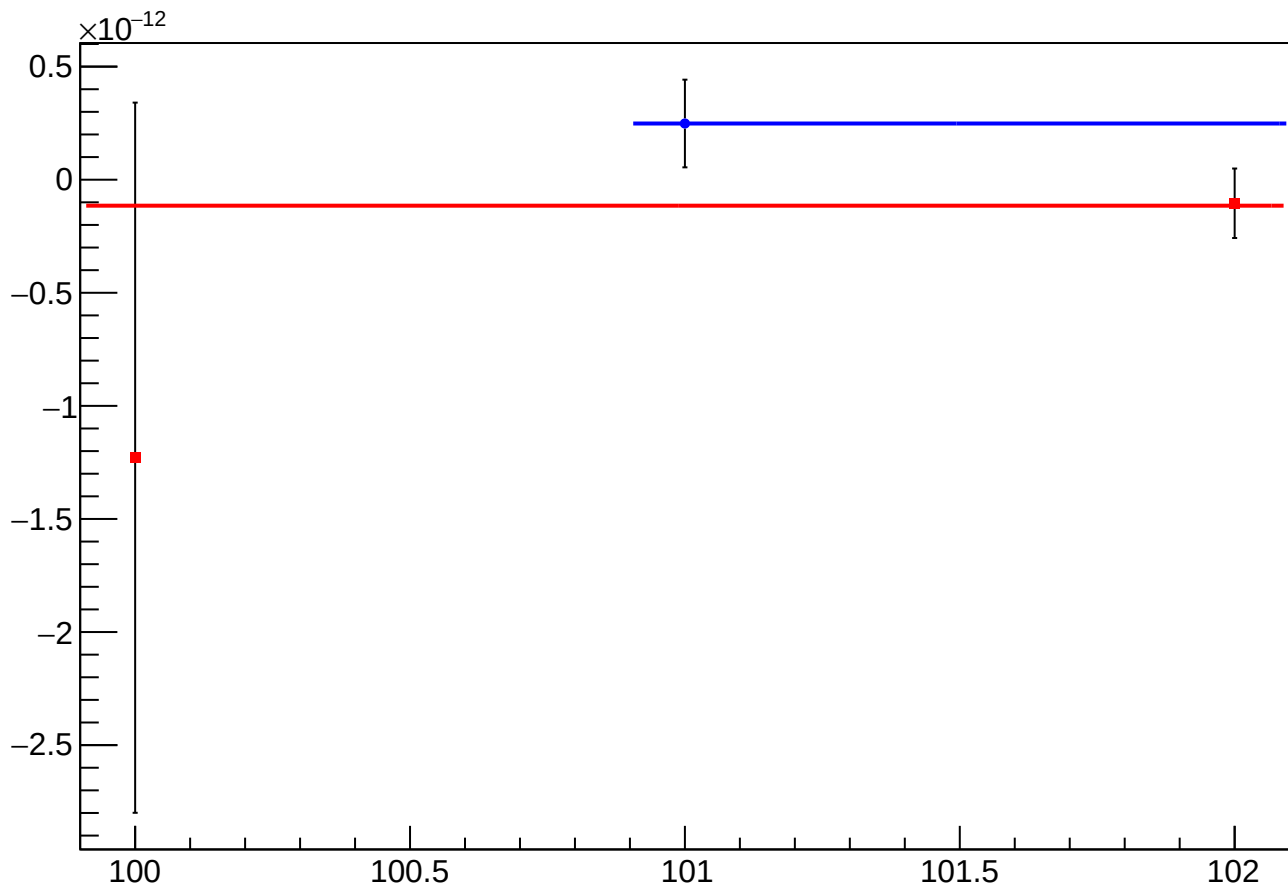
Right: 5672.049+/-3.638 χ^2/NDF : 51811.2/2

In: 6575.417+/-5.738 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5672.049+/-3.638 χ^2/NDF : 51811.2/2

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_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 : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

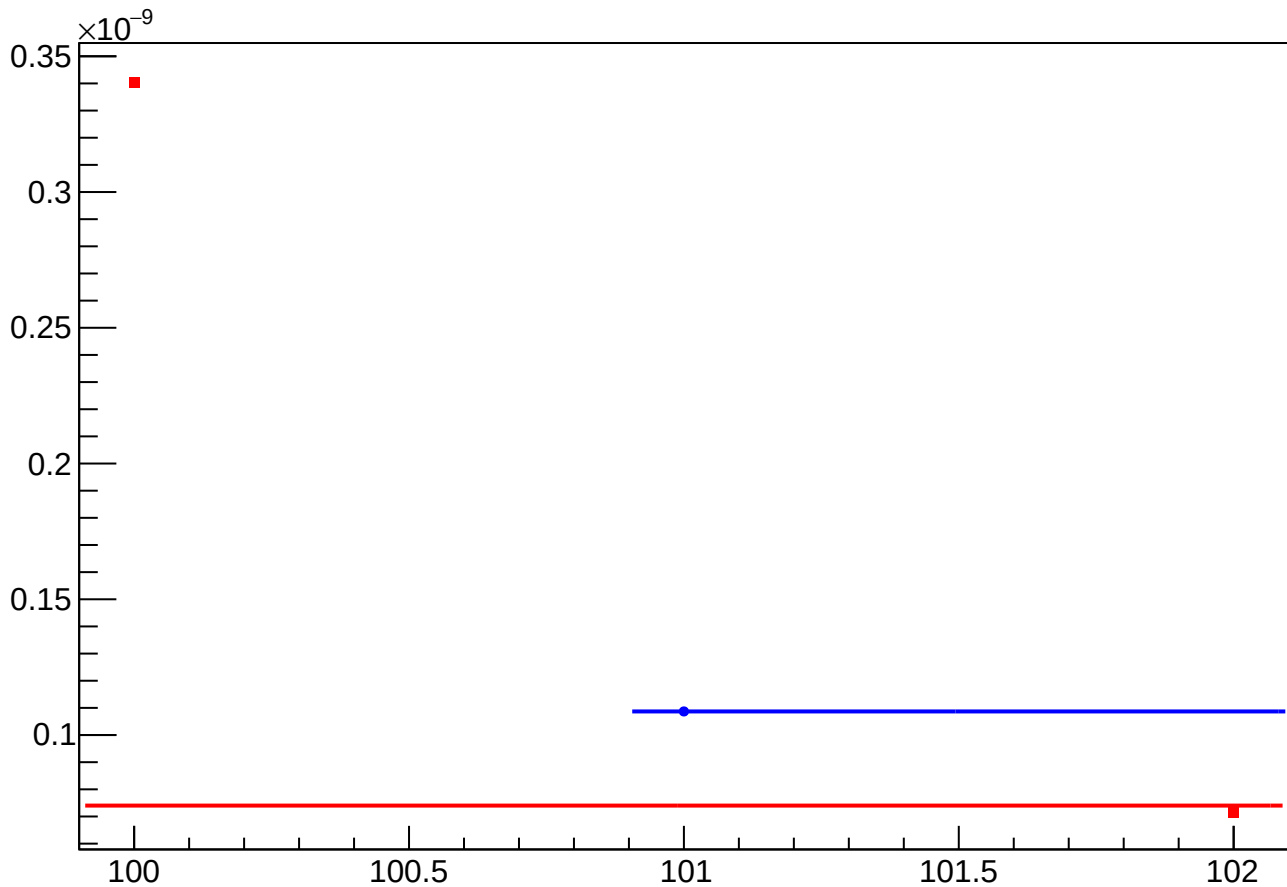
Right: 0.000+/-0.000 χ^2/NDF : 2.7/2

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 : 2.7/2

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_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 : 58070.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

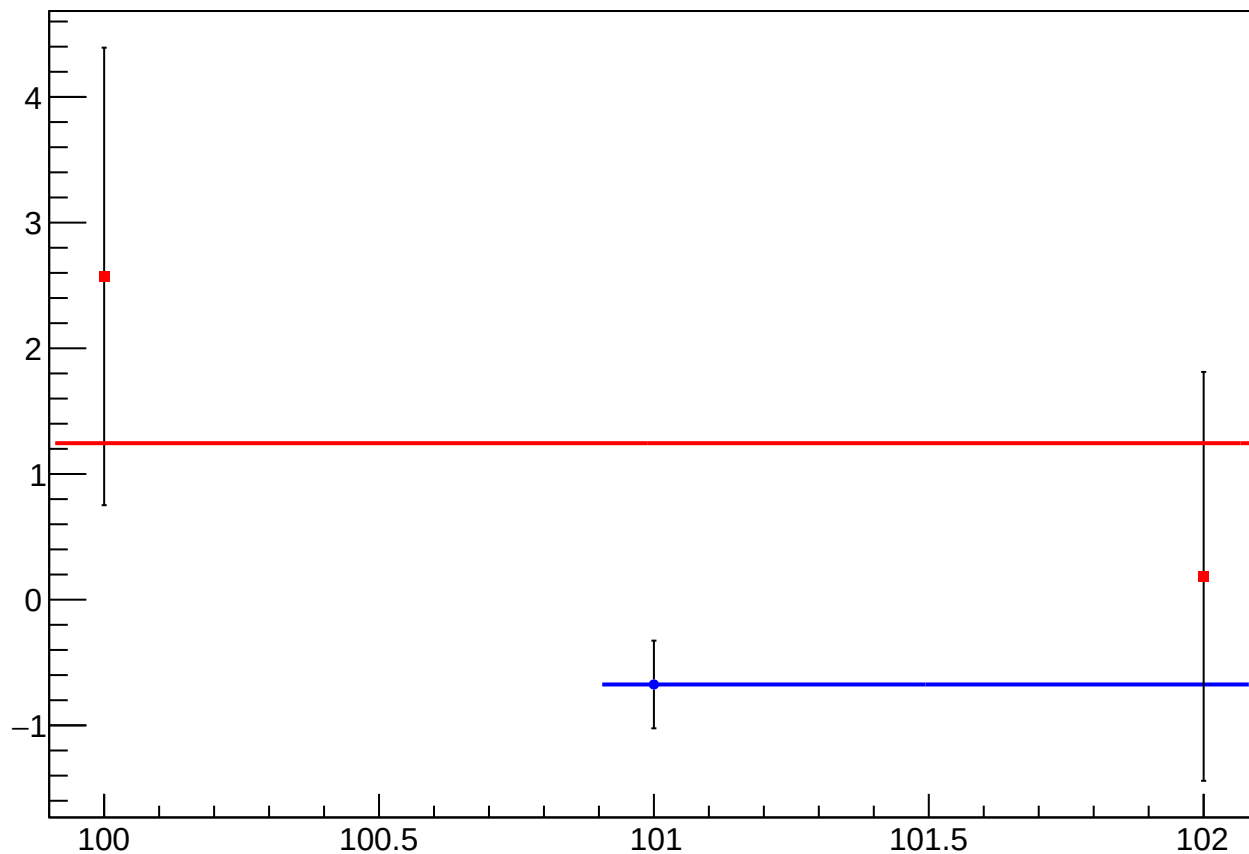
Right: 0.000+/-0.000 χ^2/NDF : 97531.9/2

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 : 97531.9/2

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.675 ± 0.349 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1.245 ± 1.213 $\chi^2/\text{NDF}: 1.0/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

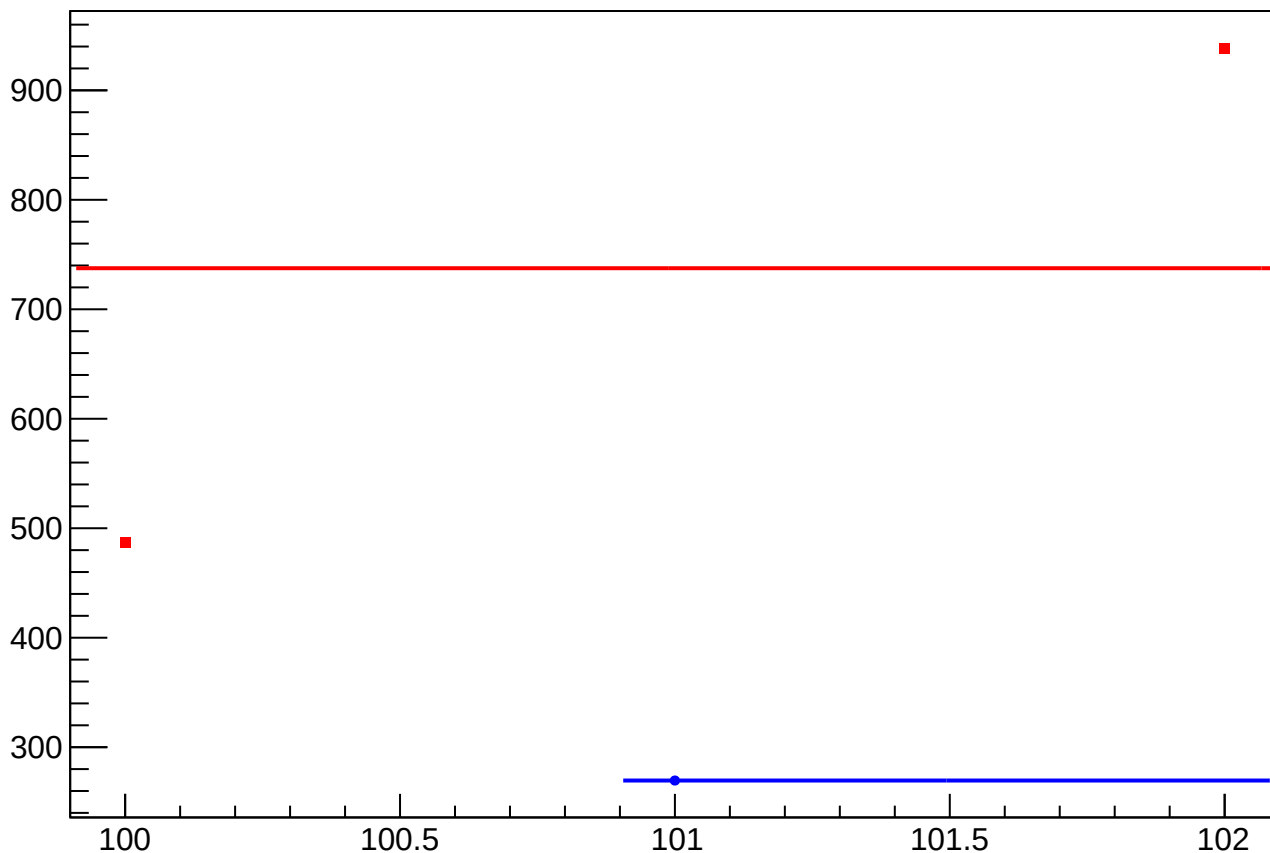
Right: -0.528 ± 0.335 $\chi^2/\text{NDF}: 3.3/2$

In: -0.675 ± 0.349 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.528 ± 0.335 $\chi^2/\text{NDF}: 3.3/2$

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 269.556 $\pm$ 0.247 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 737.513 $\pm$ 0.858 χ^2 /NDF: 68301.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

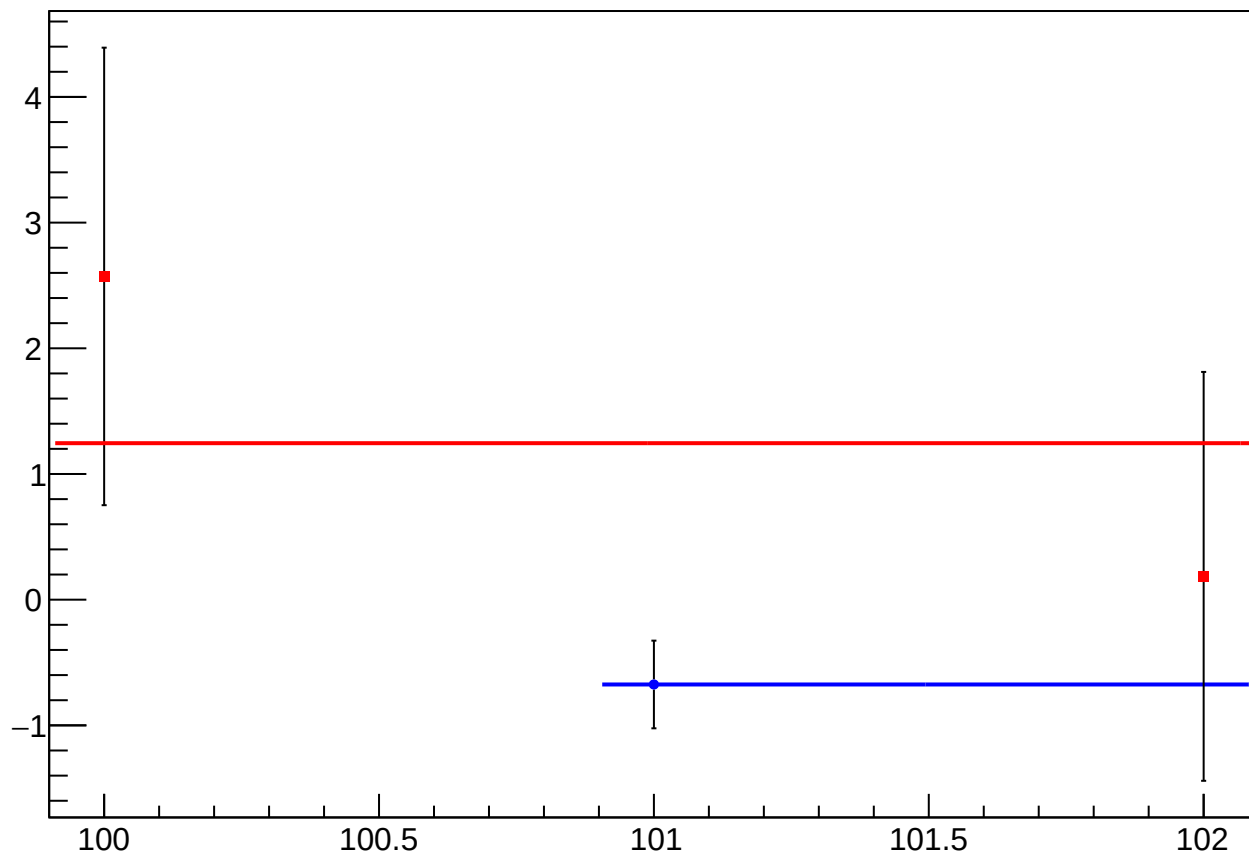
Right: 305.299 $\pm$ 0.237 χ^2 /NDF: 343303.2/2

In: 269.556 $\pm$ 0.247 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 305.299 $\pm$ 0.237 χ^2 /NDF: 343303.2/2

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.675 ± 0.349 χ^2/NDF : 0.0/0

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.245 ± 1.213 χ^2/NDF : 1.0/1

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

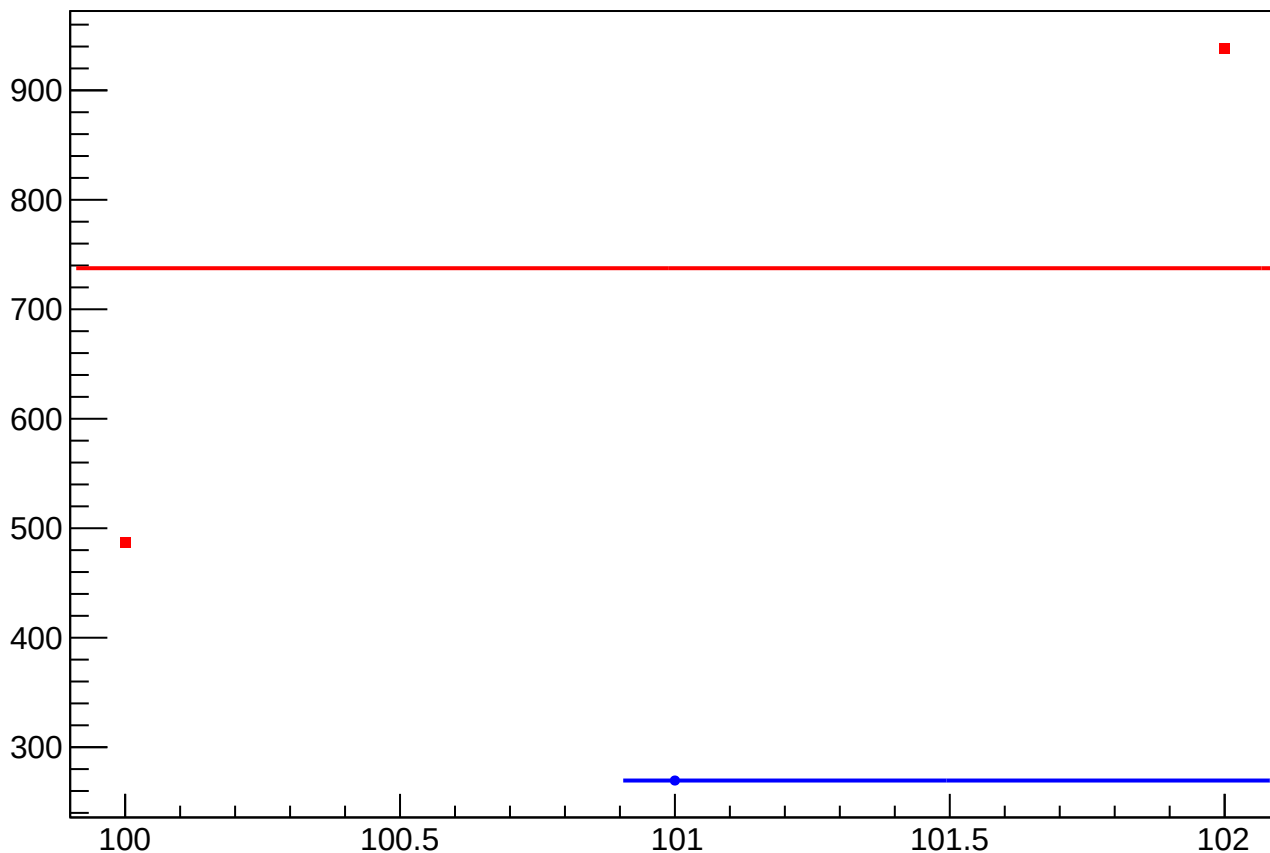
Right: -0.528 ± 0.335 χ^2/NDF : 3.3/2

In: -0.675 ± 0.349 χ^2/NDF : 0.0/0

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.528 ± 0.335 χ^2/NDF : 3.3/2

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 269.556 $\pm$ 0.247 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 737.513 $\pm$ 0.858 χ^2 /NDF: 68301.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

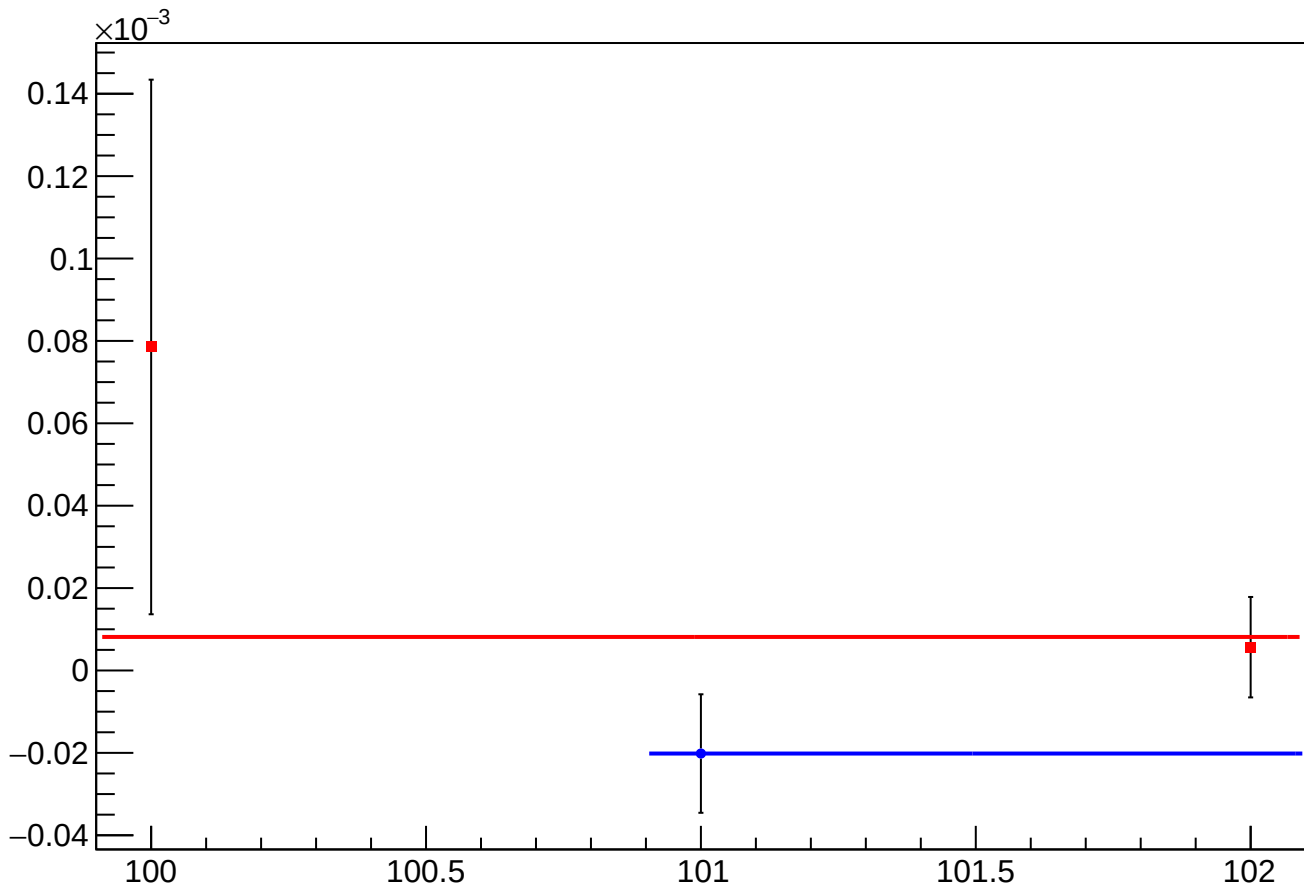
Right: 305.299 $\pm$ 0.237 χ^2 /NDF: 343303.2/2

In: 269.556 $\pm$ 0.247 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 305.299 $\pm$ 0.237 χ^2 /NDF: 343303.2/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

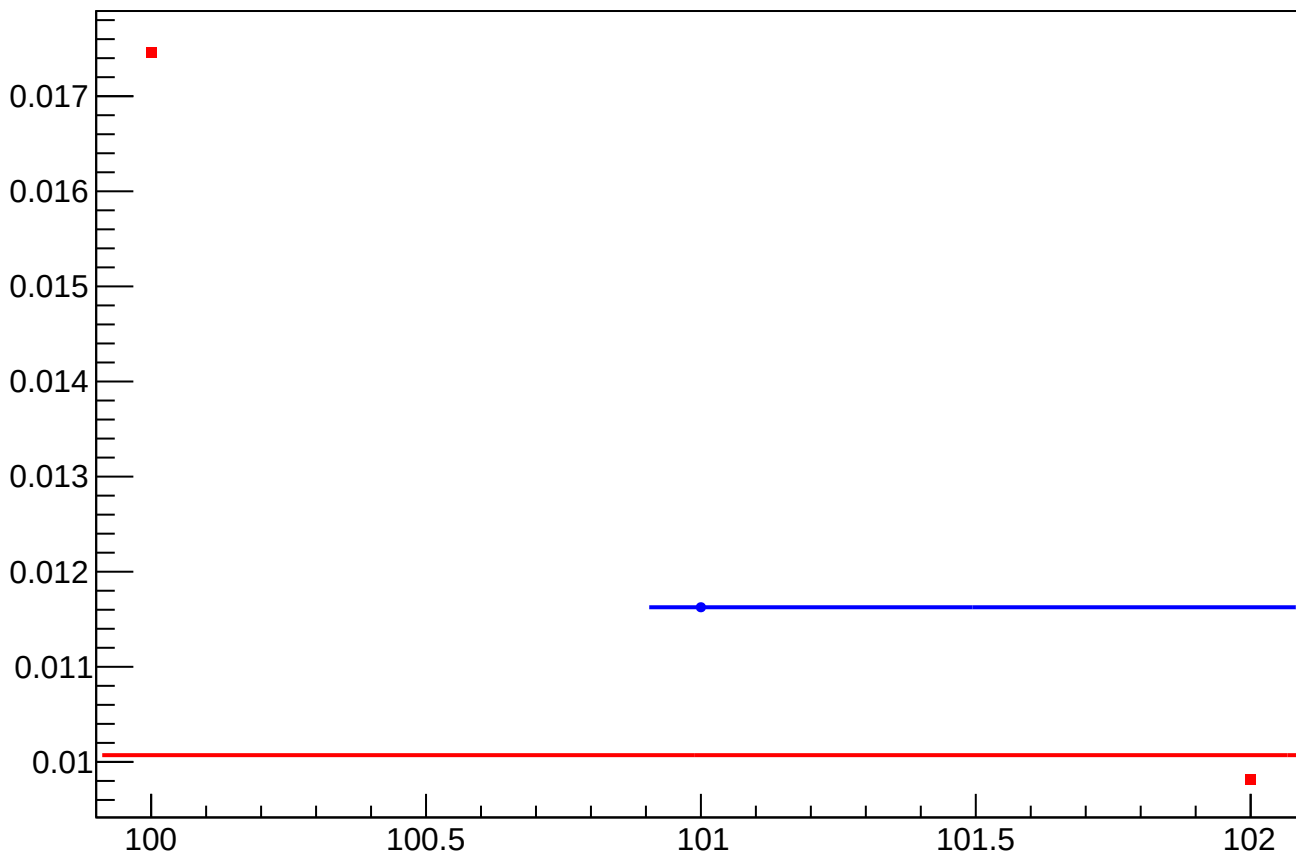
Right: -0.000+/-0.000 χ^2/NDF : 3.5/2

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 : 3.5/2

asym_us_avg_atlr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 26884.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

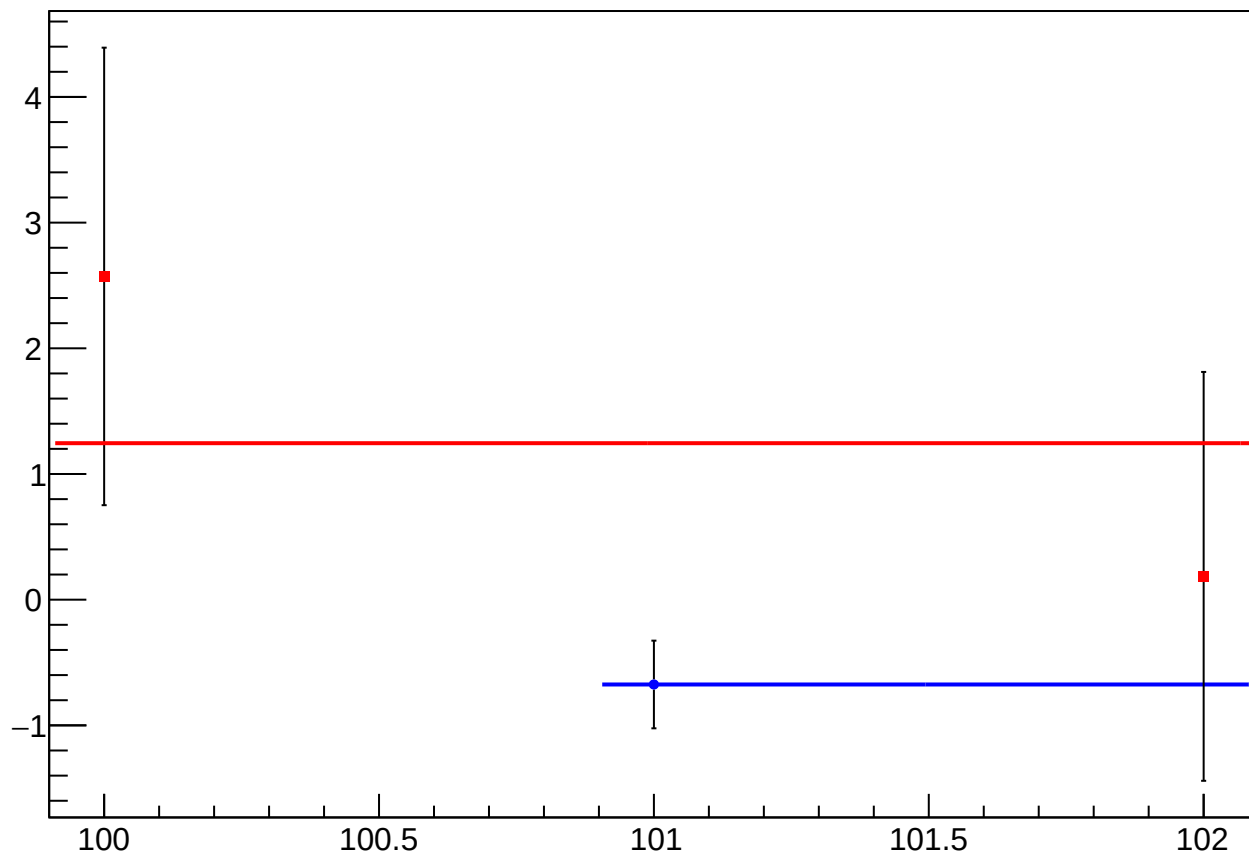
Right: 0.011+/-0.000 χ^2/NDF : 40686.4/2

In: 0.012+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 40686.4/2

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.675 ± 0.349 χ^2/NDF : 0.0/0

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.245 ± 1.213 χ^2/NDF : 1.0/1

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

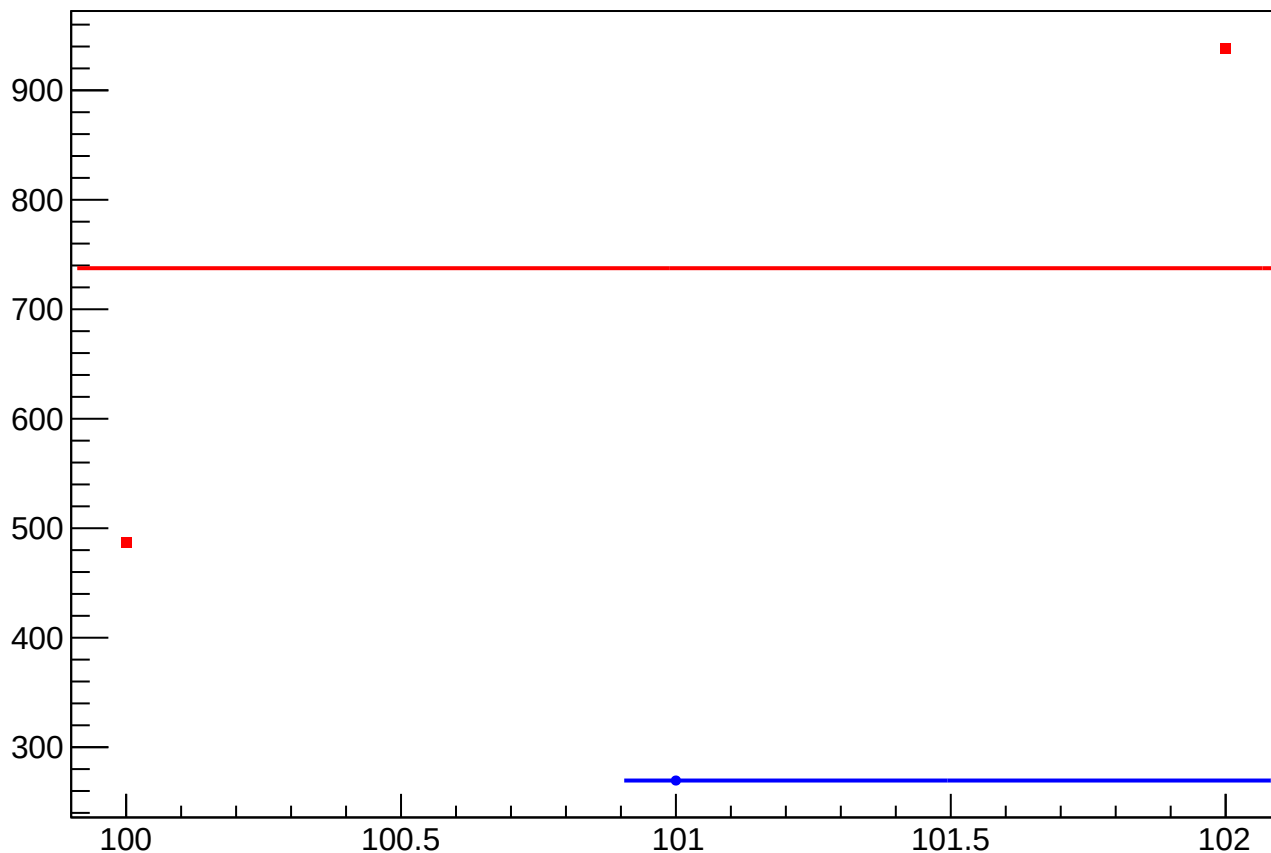
Right: -0.528 ± 0.335 χ^2/NDF : 3.3/2

In: -0.675 ± 0.349 χ^2/NDF : 0.0/0

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.528 ± 0.335 χ^2/NDF : 3.3/2

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 269.554 $\pm$ 0.247 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 737.512 $\pm$ 0.858 χ^2 /NDF: 68294.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

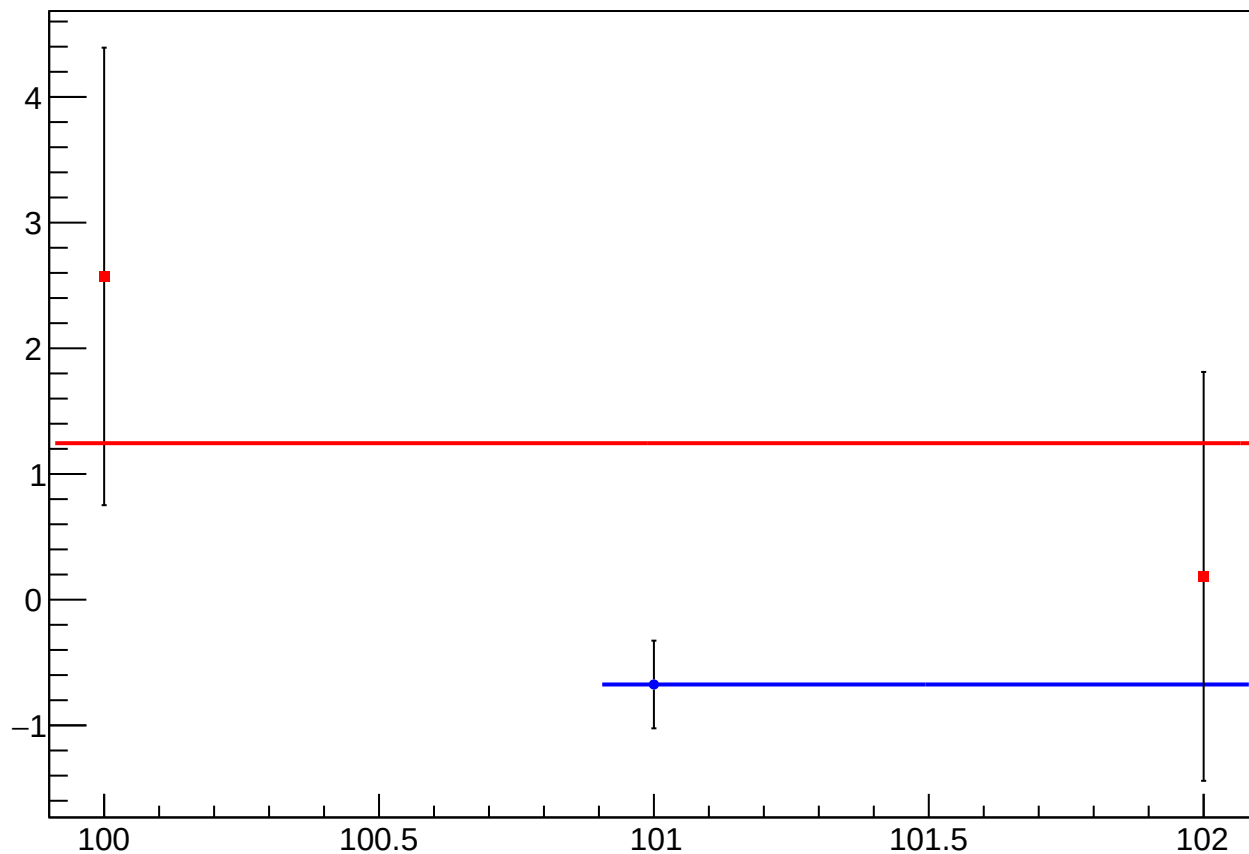
Right: 305.297 $\pm$ 0.237 χ^2 /NDF: 343297.6/2

In: 269.554 $\pm$ 0.247 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 305.297 $\pm$ 0.237 χ^2 /NDF: 343297.6/2

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.675+/-0.349 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.245+/-1.213 χ^2/NDF : 1.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

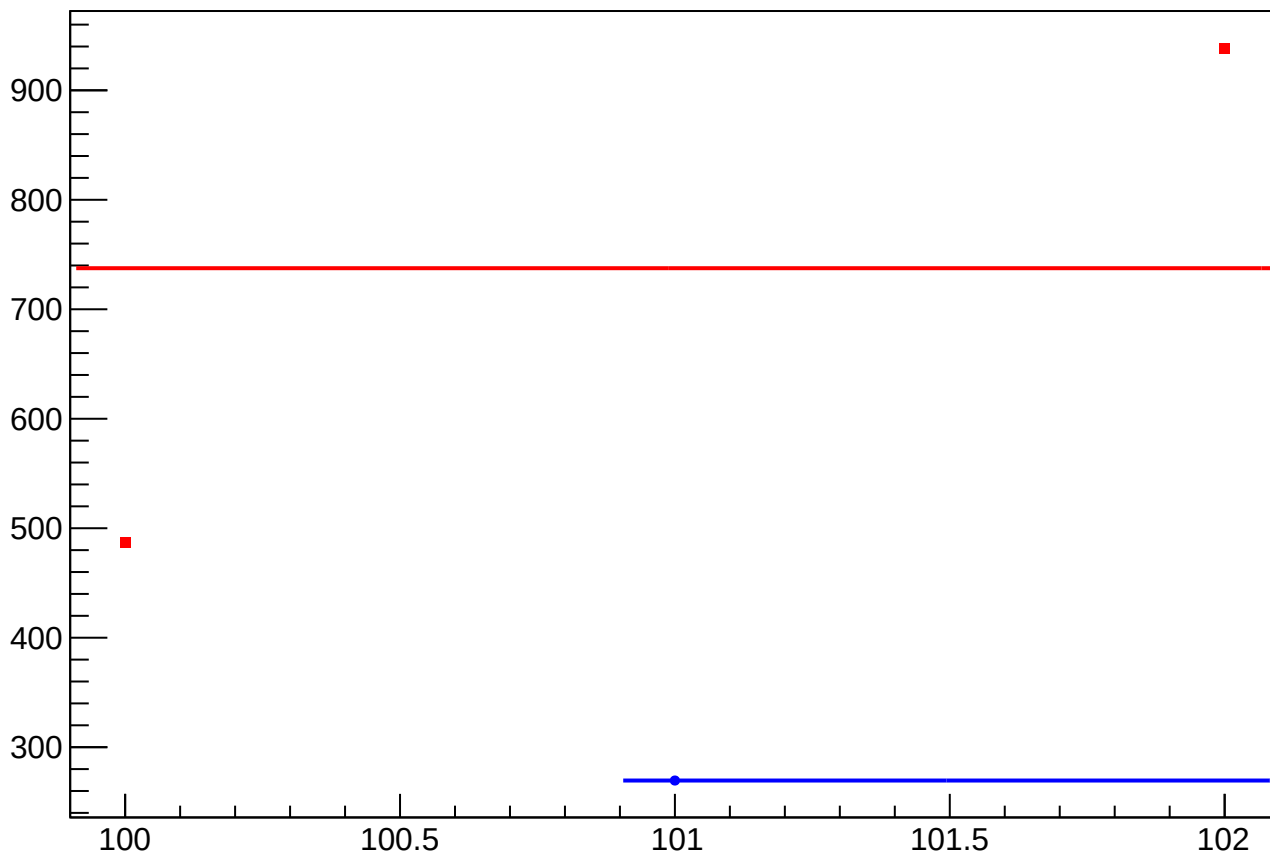
Right: -0.528+/-0.335 χ^2/NDF : 3.3/2

In: -0.675+/-0.349 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.528+/-0.335 χ^2/NDF : 3.3/2

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 269.554+/-0.247 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 737.512+/-0.858 χ^2/NDF : 68294.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

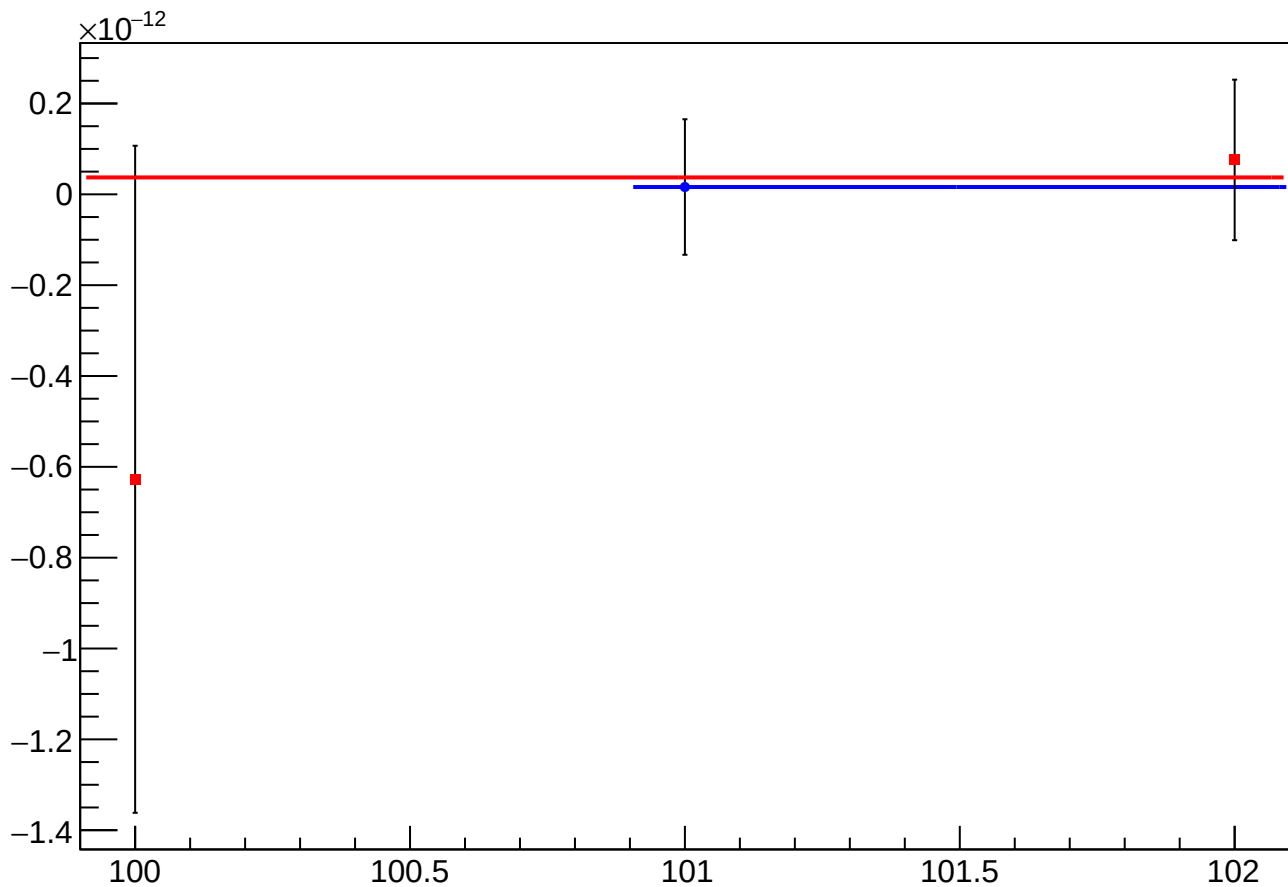
Right: 305.297+/-0.237 χ^2/NDF : 343297.6/2

In: 269.554+/-0.247 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 305.297+/-0.237 χ^2/NDF : 343297.6/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

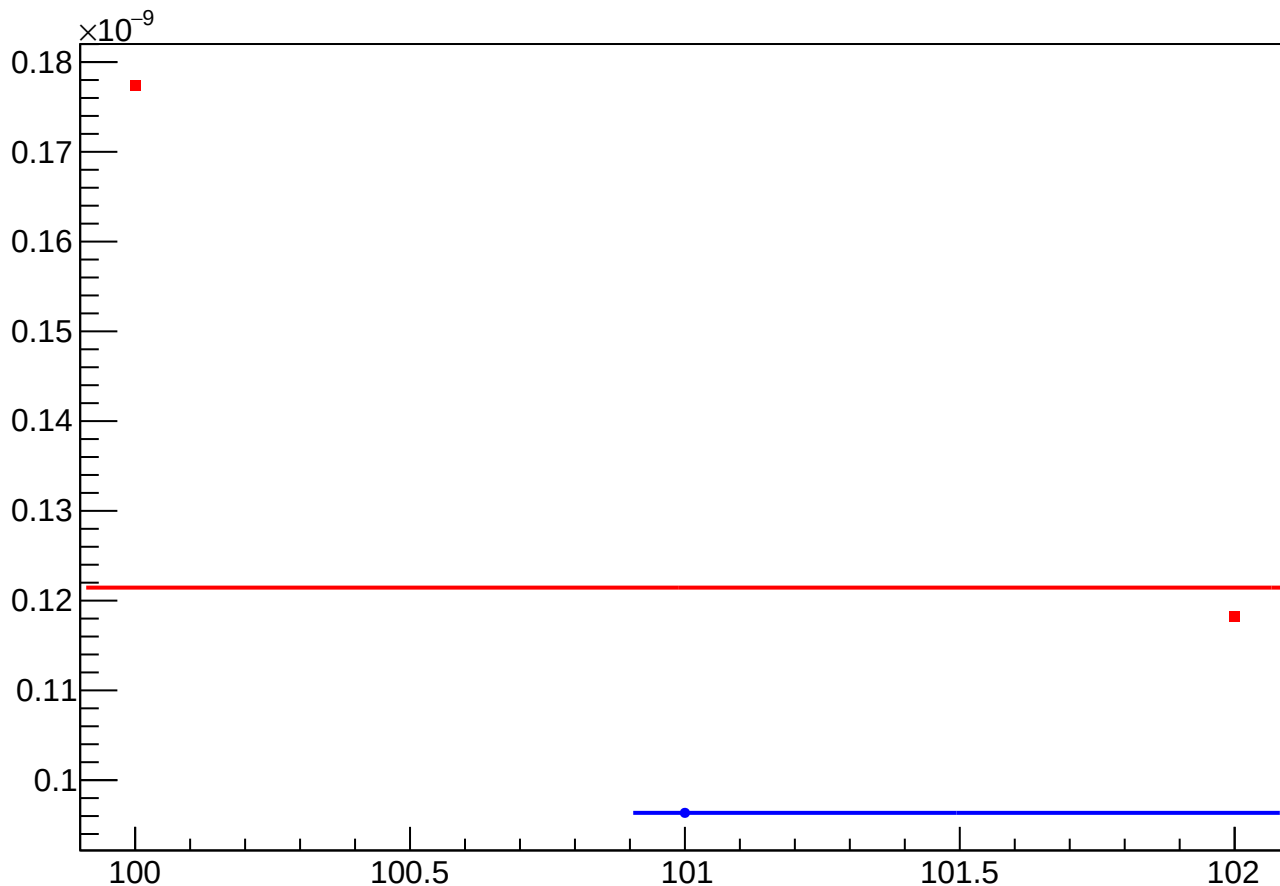
Right: 0.000+/-0.000 χ^2/NDF : 0.9/2

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 : 0.9/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12286.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

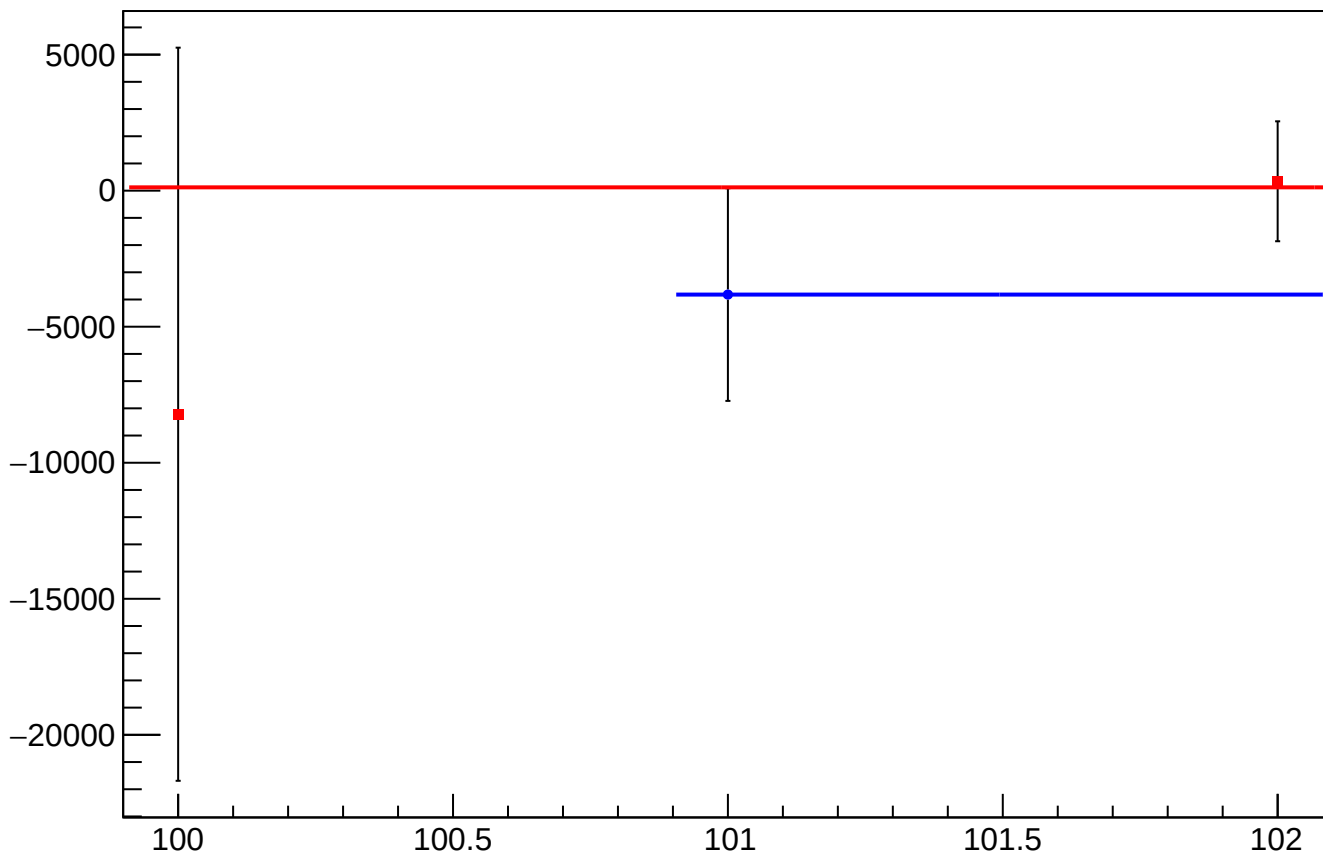
Right: 0.000+/-0.000 χ^2/NDF : 36607.8/2

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 : 36607.8/2

reg_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -3819.315+/-3907.440 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.918+/-2174.909 χ^2/NDF : 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

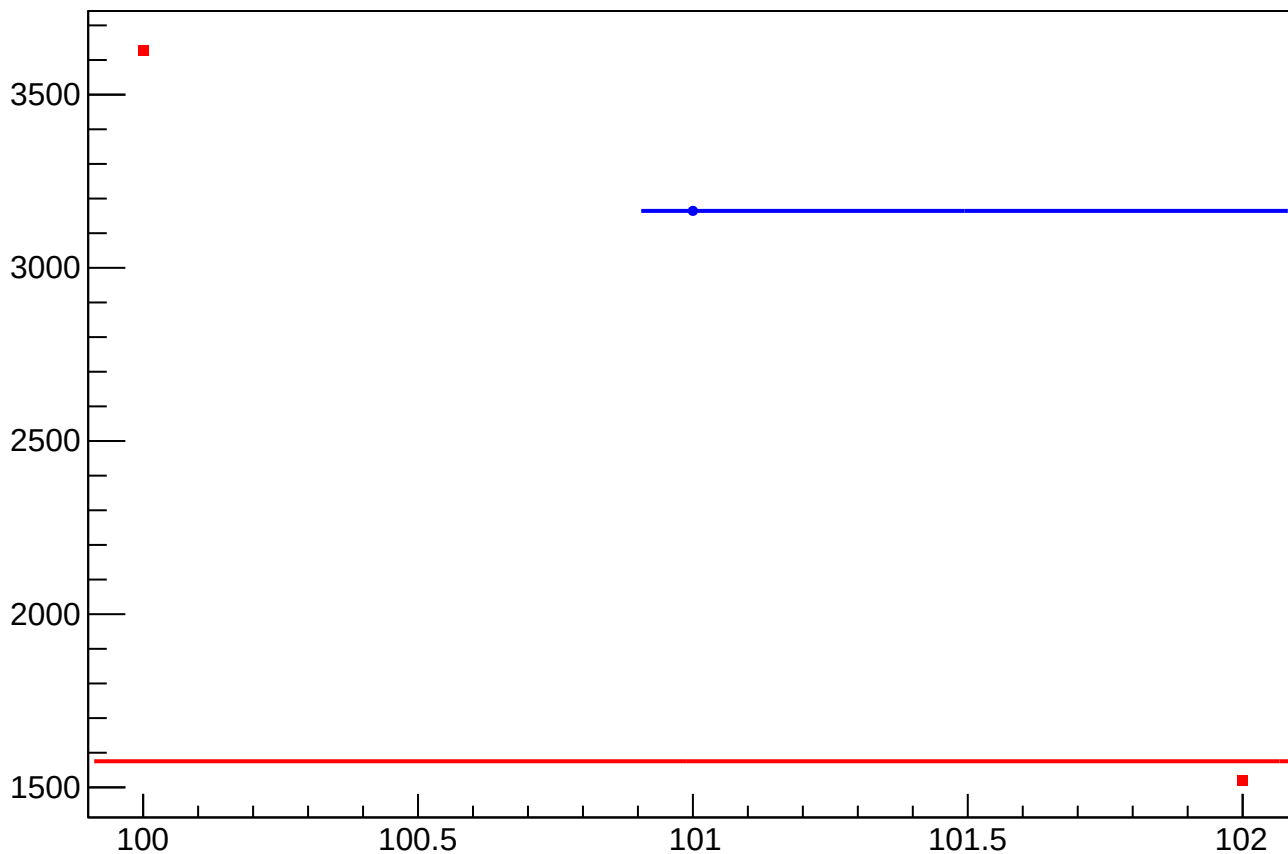
Right: -810.307+/-1900.363 χ^2/NDF : 1.2/2

In: -3819.315+/-3907.440 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -810.307+/-1900.363 χ^2/NDF : 1.2/2

reg_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 3164.391+/-2.763 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1575.390+/-1.538 χ^2/NDF : 47579.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

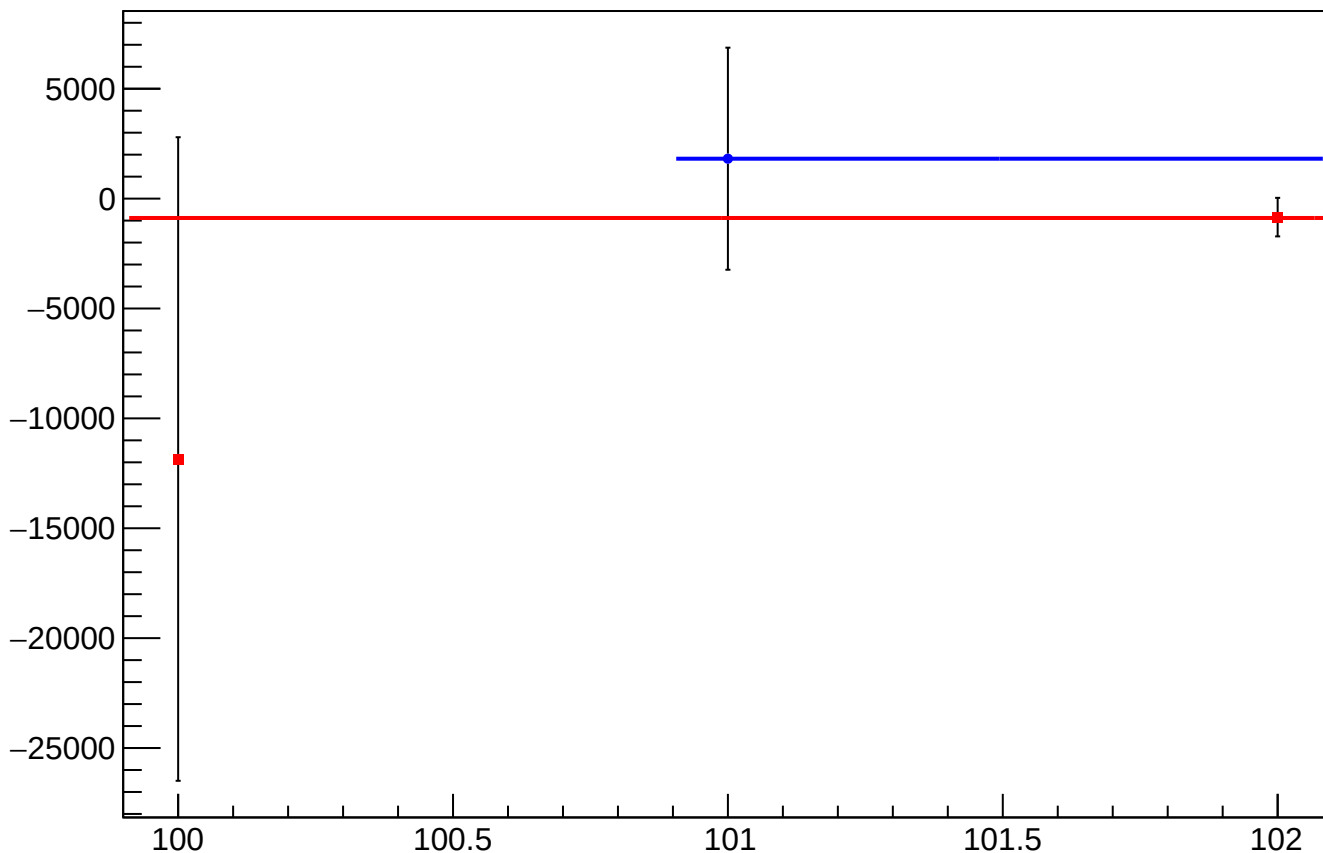
Right: 1951.206+/-1.344 χ^2/NDF : 300099.8/2

In: 3164.391+/-2.763 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1951.206+/-1.344 χ^2/NDF : 300099.8/2

asym_us_avg_atlr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 1815.981+/-5052.412 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -881.400+/-875.368 χ^2/NDF : 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

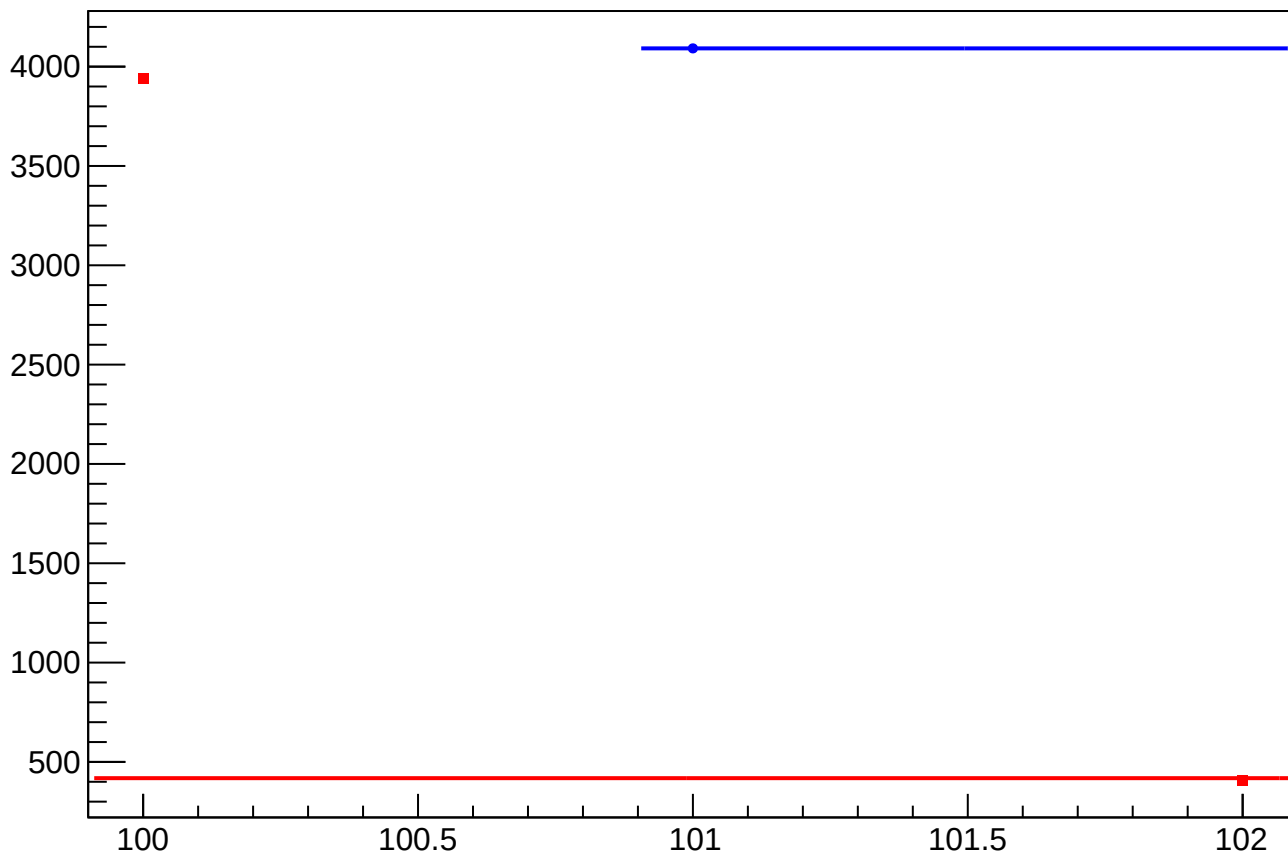
Right: -802.789+/-862.519 χ^2/NDF : 0.8/2

In: 1815.981+/-5052.412 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -802.789+/-862.519 χ^2/NDF : 0.8/2

asym_us_avg_atlr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 4091.903 $\pm$ 3.573 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 418.213 $\pm$ 0.619 χ^2/NDF : 116190.4/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

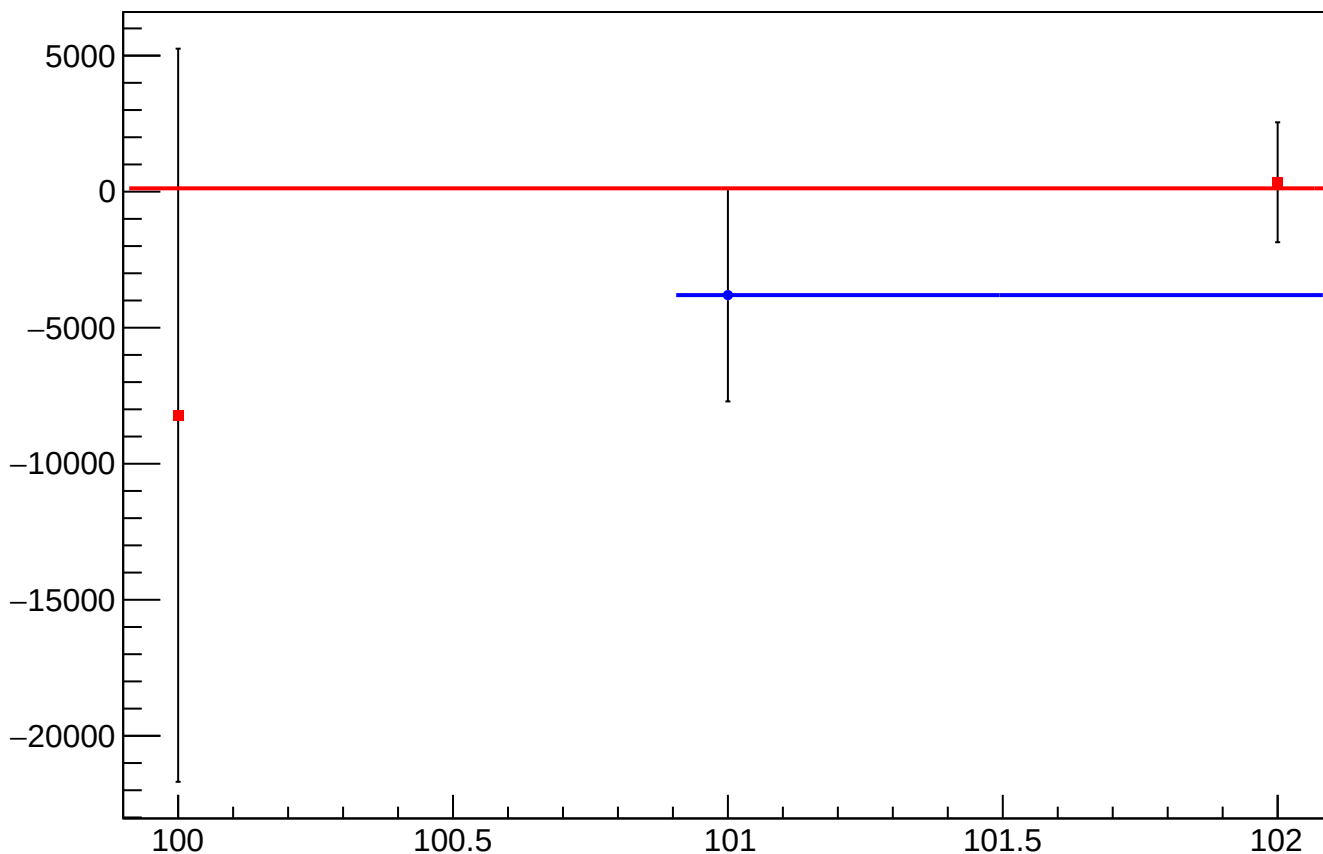
Right: 525.276 $\pm$ 0.610 χ^2/NDF : 1142770.0/2

In: 4091.903 $\pm$ 3.573 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 525.276 $\pm$ 0.610 χ^2/NDF : 1142770.0/2

cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -3801.999 $\pm$ 3907.459 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 122.208 $\pm$ 2174.910 χ^2 /NDF: 0.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

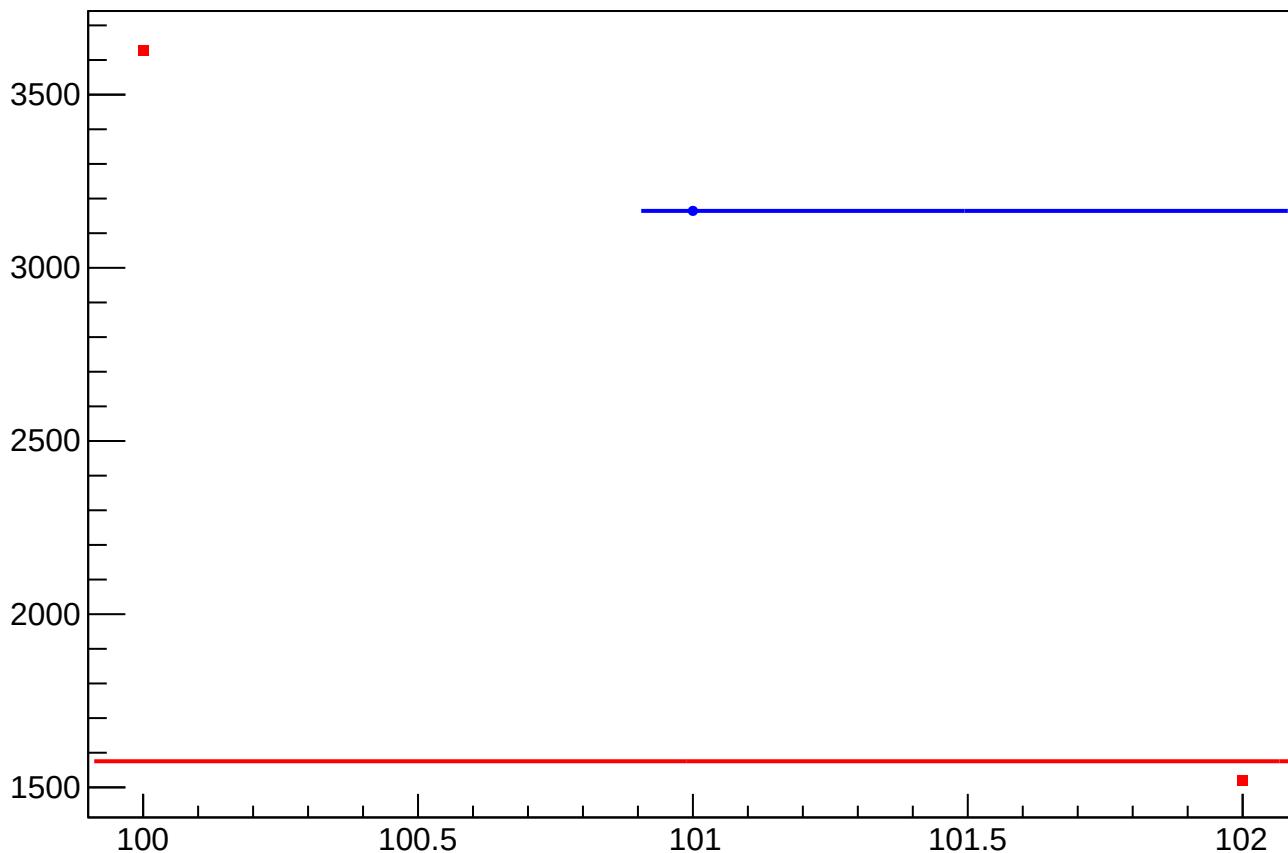
Right: -805.984 $\pm$ 1900.367 χ^2 /NDF: 1.2/2

In: -3801.999 $\pm$ 3907.459 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -805.984 $\pm$ 1900.367 χ^2 /NDF: 1.2/2

cor_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 3164.403 $\pm$ 2.763 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1575.387 $\pm$ 1.538 χ^2 /NDF: 47579.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

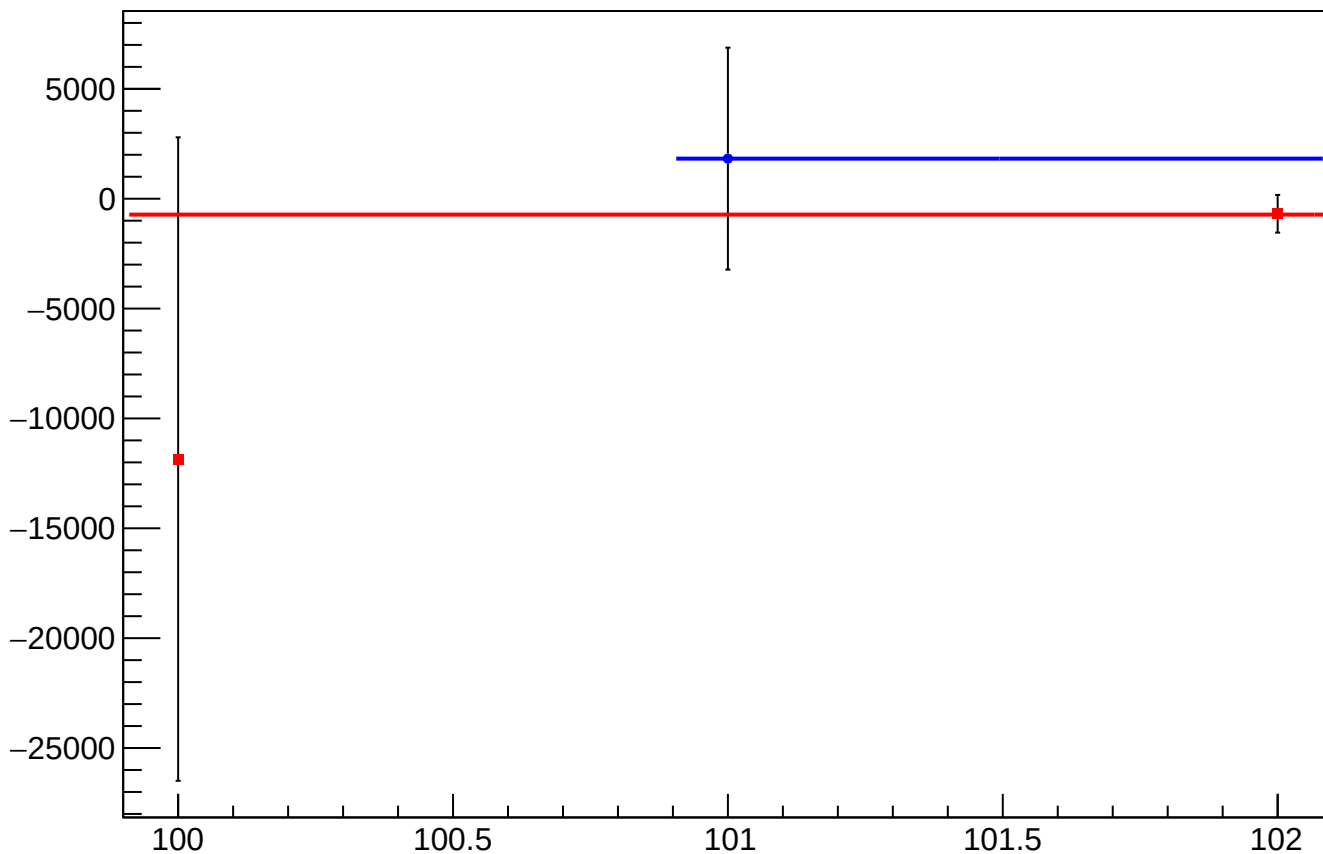
Right: 1951.205 $\pm$ 1.344 χ^2 /NDF: 300102.3/2

In: 3164.403 $\pm$ 2.763 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1951.205 $\pm$ 1.344 χ^2 /NDF: 300102.3/2

asym_us_avg_atlr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1823.993+/-5050.151 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -723.350+/-856.092 χ^2/NDF : 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

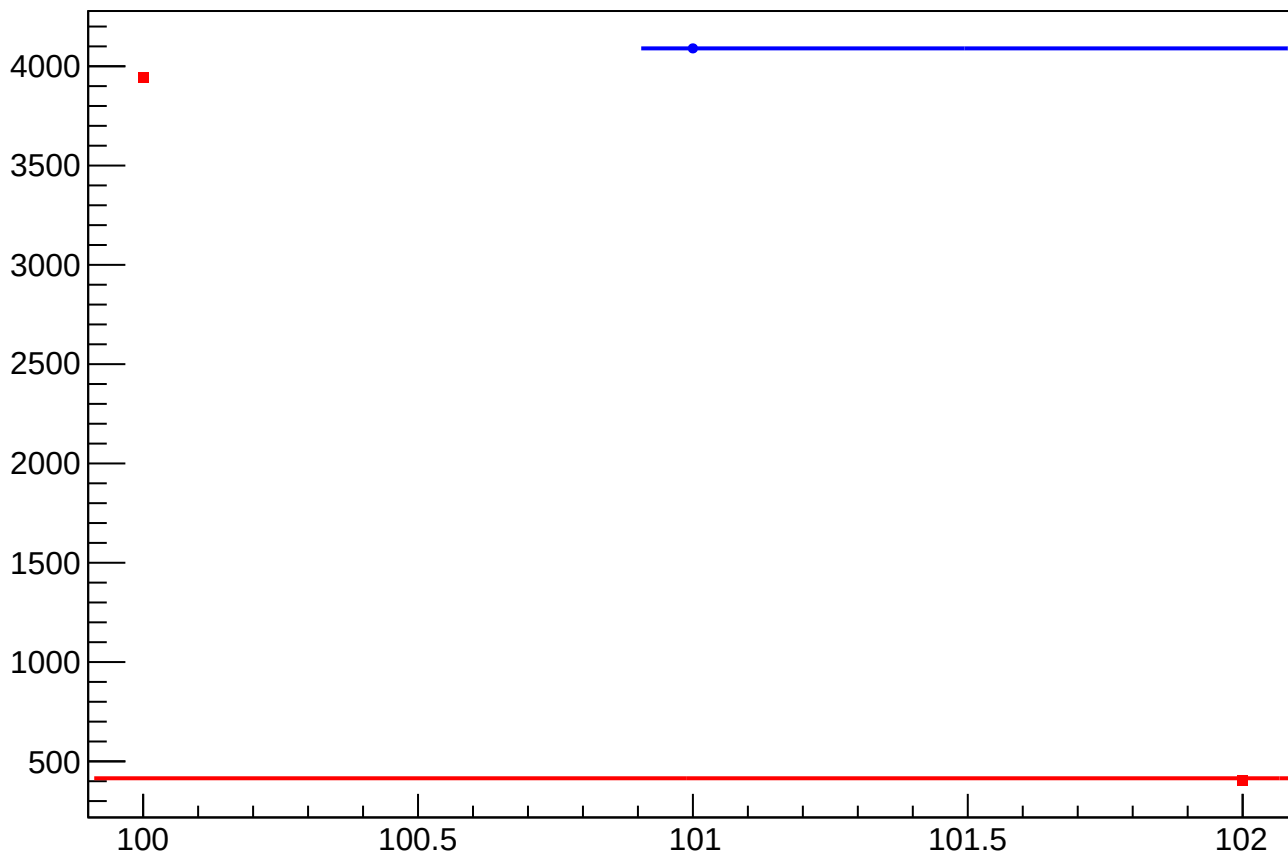
Right: -652.194+/-844.051 χ^2/NDF : 0.8/2

In: 1823.993+/-5050.151 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -652.194+/-844.051 χ^2/NDF : 0.8/2

asym_us_avg_atlr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 4090.023+/-3.571 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 414.798+/-0.605 χ^2/NDF : 116397.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

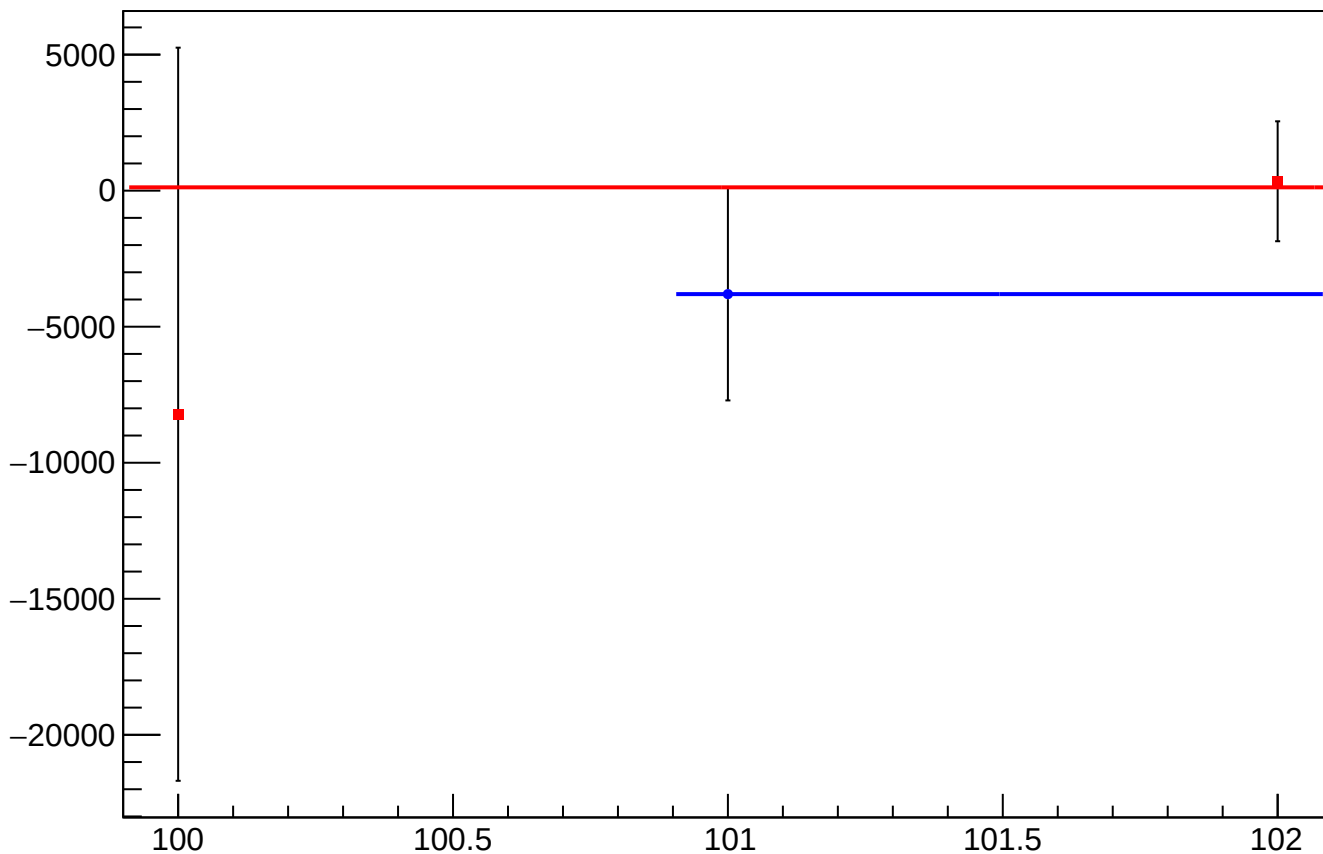
Right: 517.460+/-0.597 χ^2/NDF : 1146036.5/2

In: 4090.023+/-3.571 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 517.460+/-0.597 χ^2/NDF : 1146036.5/2

eigen_cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -3801.999+/-3907.459 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.208+/-2174.910 χ^2/NDF : 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

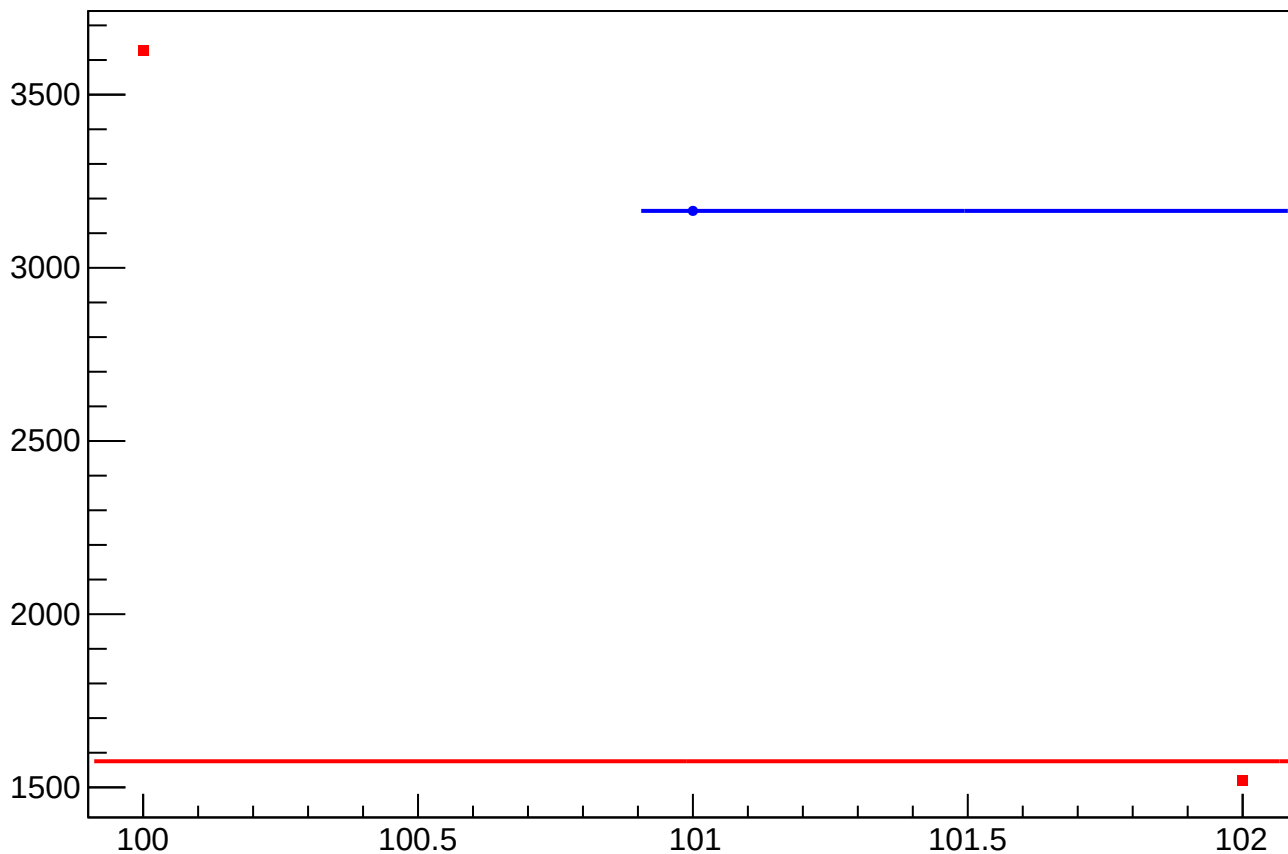
Right: -805.984+/-1900.367 χ^2/NDF : 1.2/2

In: -3801.999+/-3907.459 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -805.984+/-1900.367 χ^2/NDF : 1.2/2

eigen_cor_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 3164.403 $\pm$ 2.763 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1575.387 $\pm$ 1.538 χ^2 /NDF: 47579.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

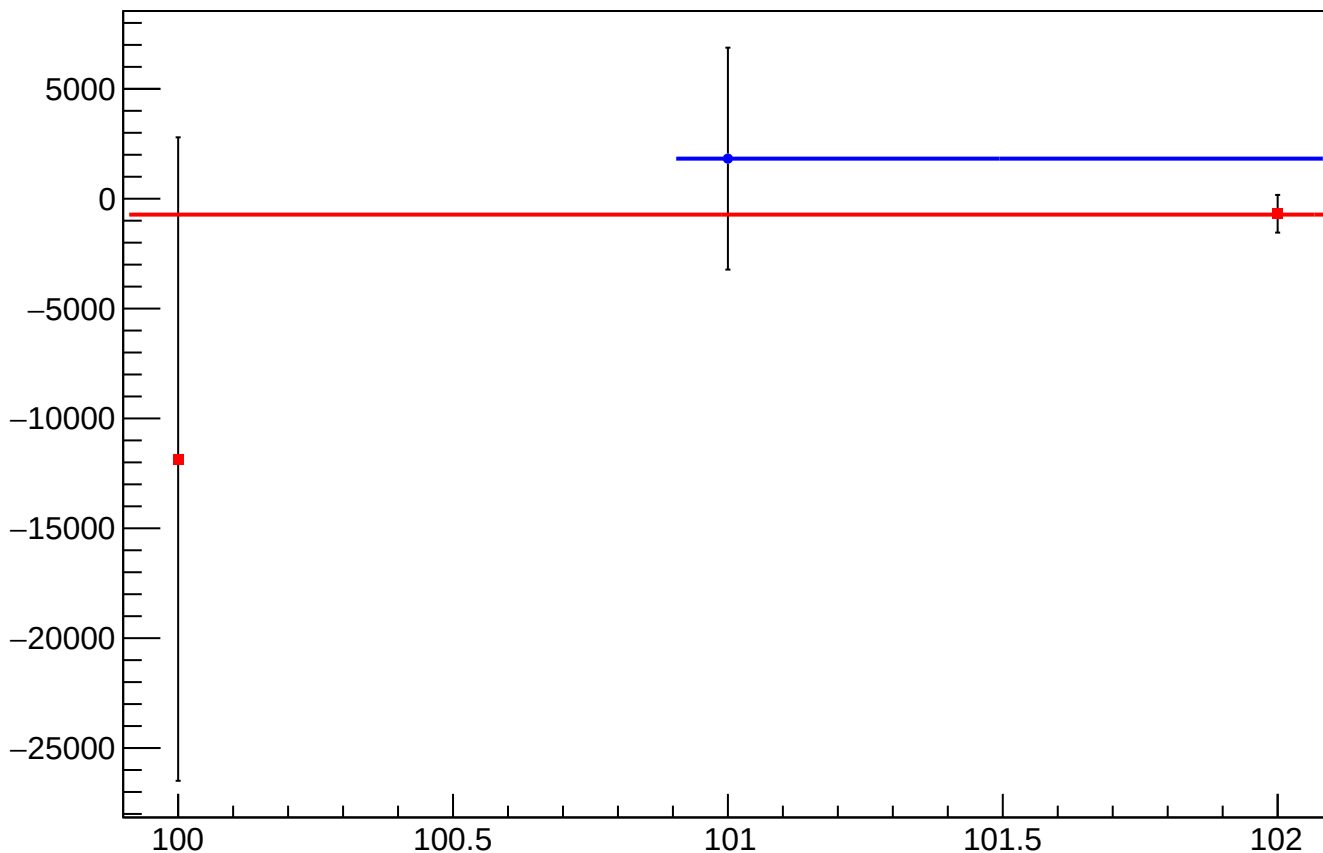
Right: 1951.205 $\pm$ 1.344 χ^2 /NDF: 300102.3/2

In: 3164.403 $\pm$ 2.763 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1951.205 $\pm$ 1.344 χ^2 /NDF: 300102.3/2

asym_us_avg_atlr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1823.993+/-5050.151 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -723.350+/-856.092 χ^2/NDF : 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

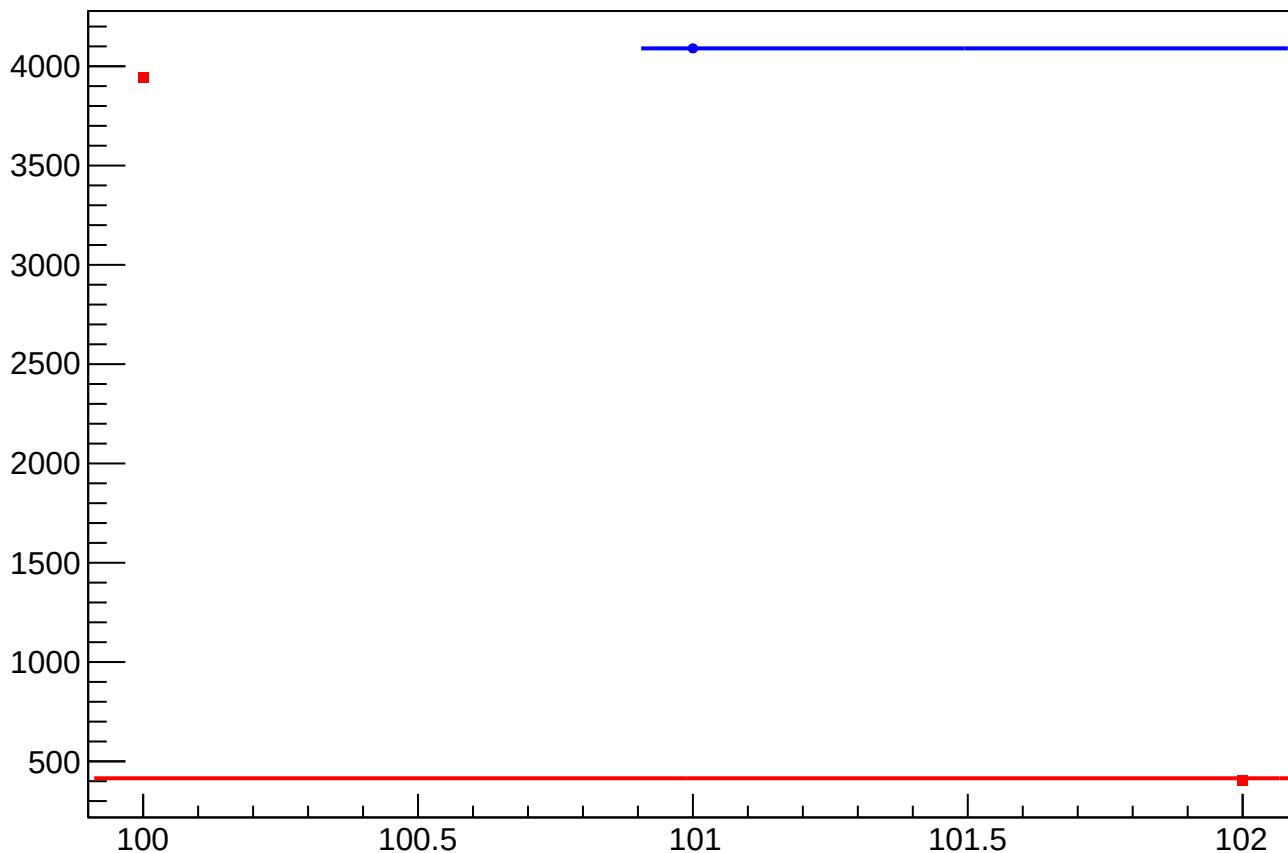
Right: -652.194+/-844.051 χ^2/NDF : 0.8/2

In: 1823.993+/-5050.151 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -652.194+/-844.051 χ^2/NDF : 0.8/2

asym_us_avg_atlr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4090.023+/-3.571 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 414.798+/-0.605 χ^2/NDF : 116397.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

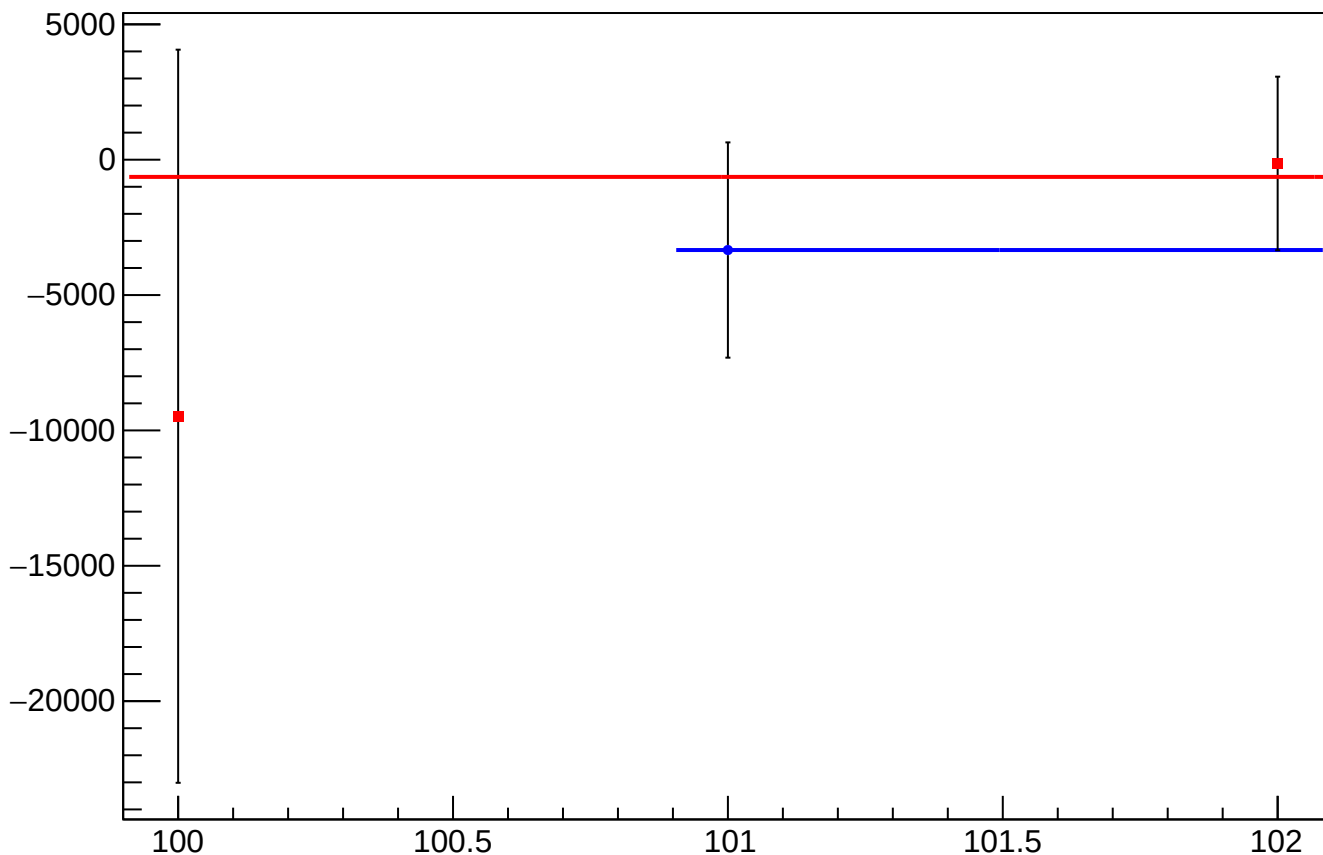
Right: 517.460+/-0.597 χ^2/NDF : 1146036.5/2

In: 4090.023+/-3.571 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 517.460+/-0.597 χ^2/NDF : 1146036.5/2

dit_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -3336.689+/-3975.787 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -635.464+/-3120.126 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

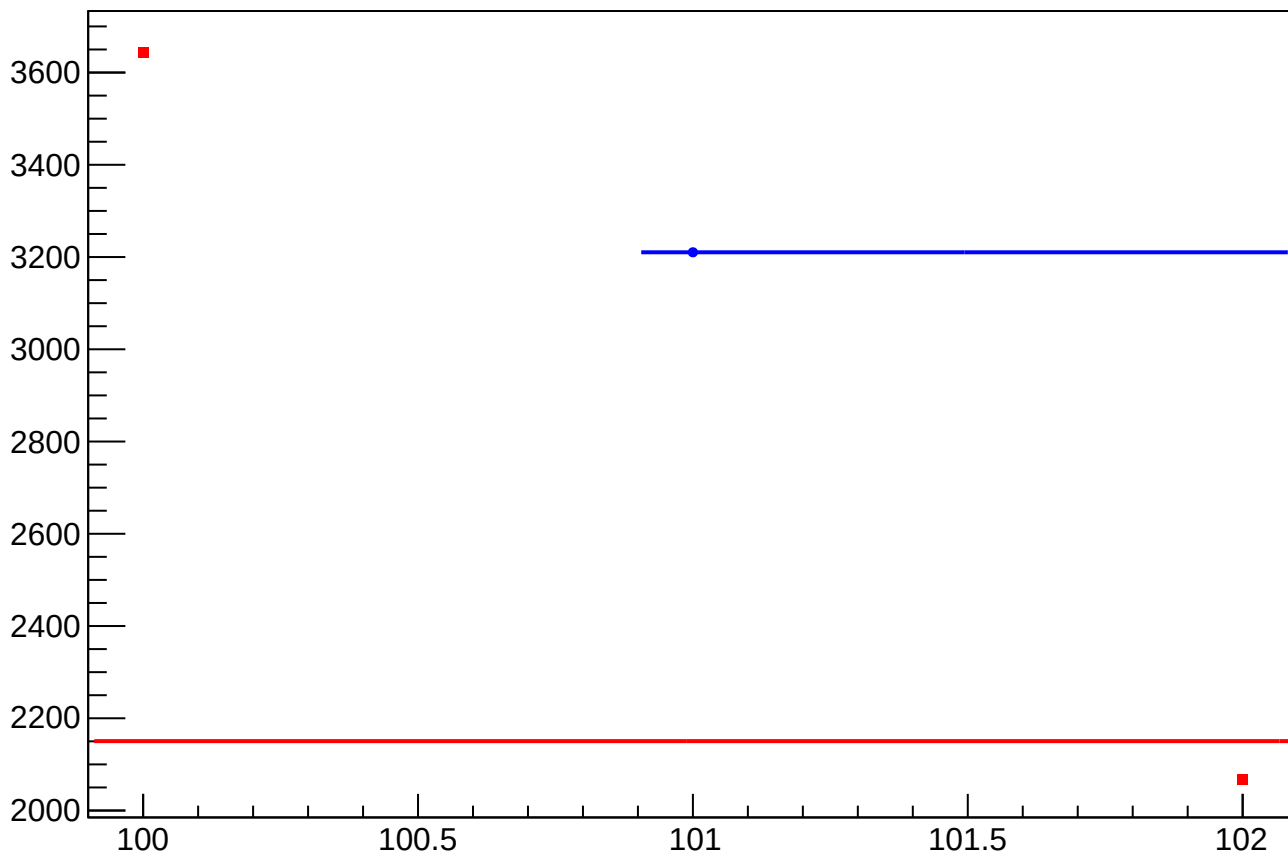
Right: -1665.018+/-2454.524 χ^2/NDF : 0.7/2

In: -3336.689+/-3975.787 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1665.018+/-2454.524 χ^2/NDF : 0.7/2

dit_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 3210.290+/-2.811 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2150.461+/-2.206 χ^2/NDF : 25709.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

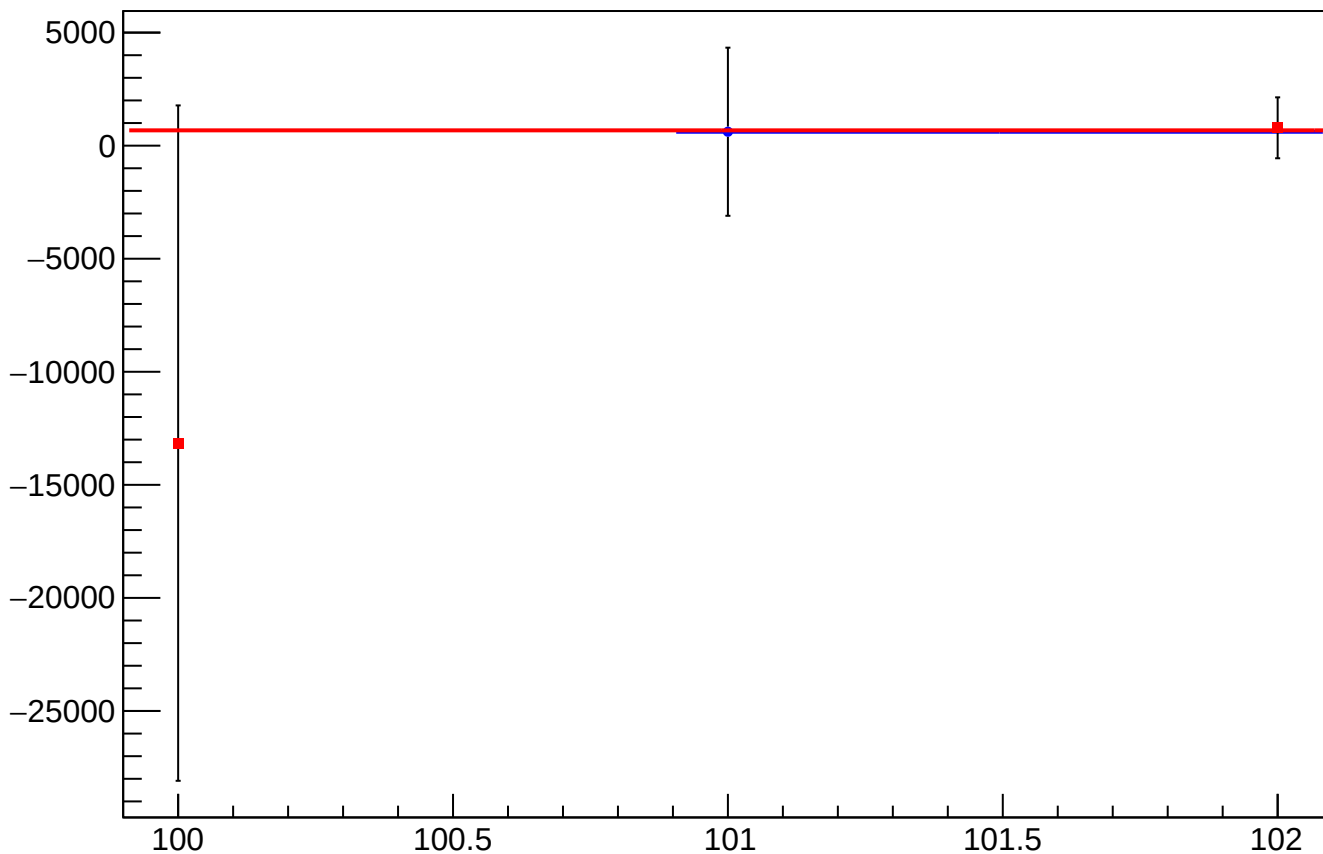
Right: 2554.352+/-1.735 χ^2/NDF : 113669.4/2

In: 3210.290+/-2.811 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2554.352+/-1.735 χ^2/NDF : 113669.4/2

asym_us_avg_atlr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 615.628+/-3717.578 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 676.872+/-1341.715 χ^2/NDF : 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

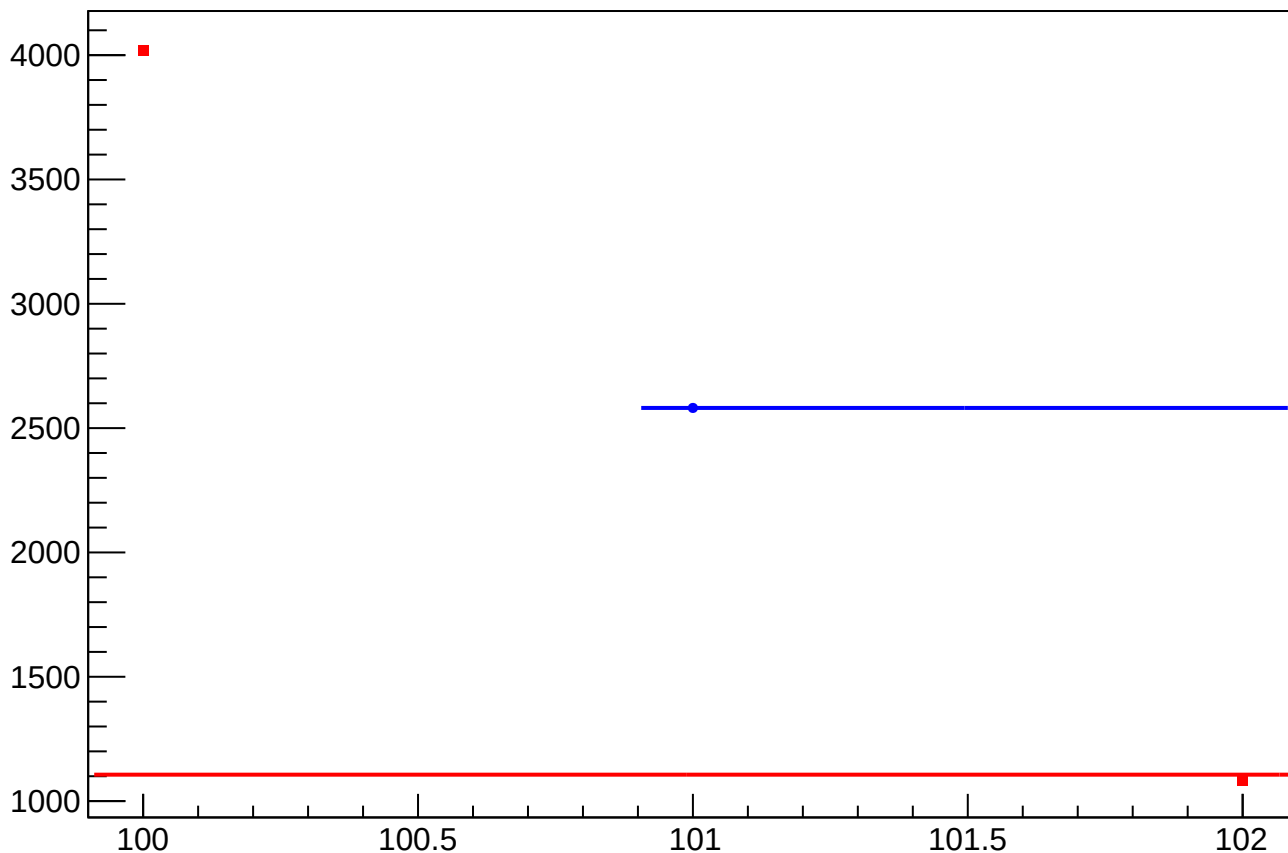
Right: 669.814+/-1262.036 χ^2/NDF : 0.9/2

In: 615.628+/-3717.578 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 669.814+/-1262.036 χ^2/NDF : 0.9/2

asym_us_avg_atlr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2581.179+/-2.629 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1106.286+/-0.949 χ^2/NDF : 76726.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

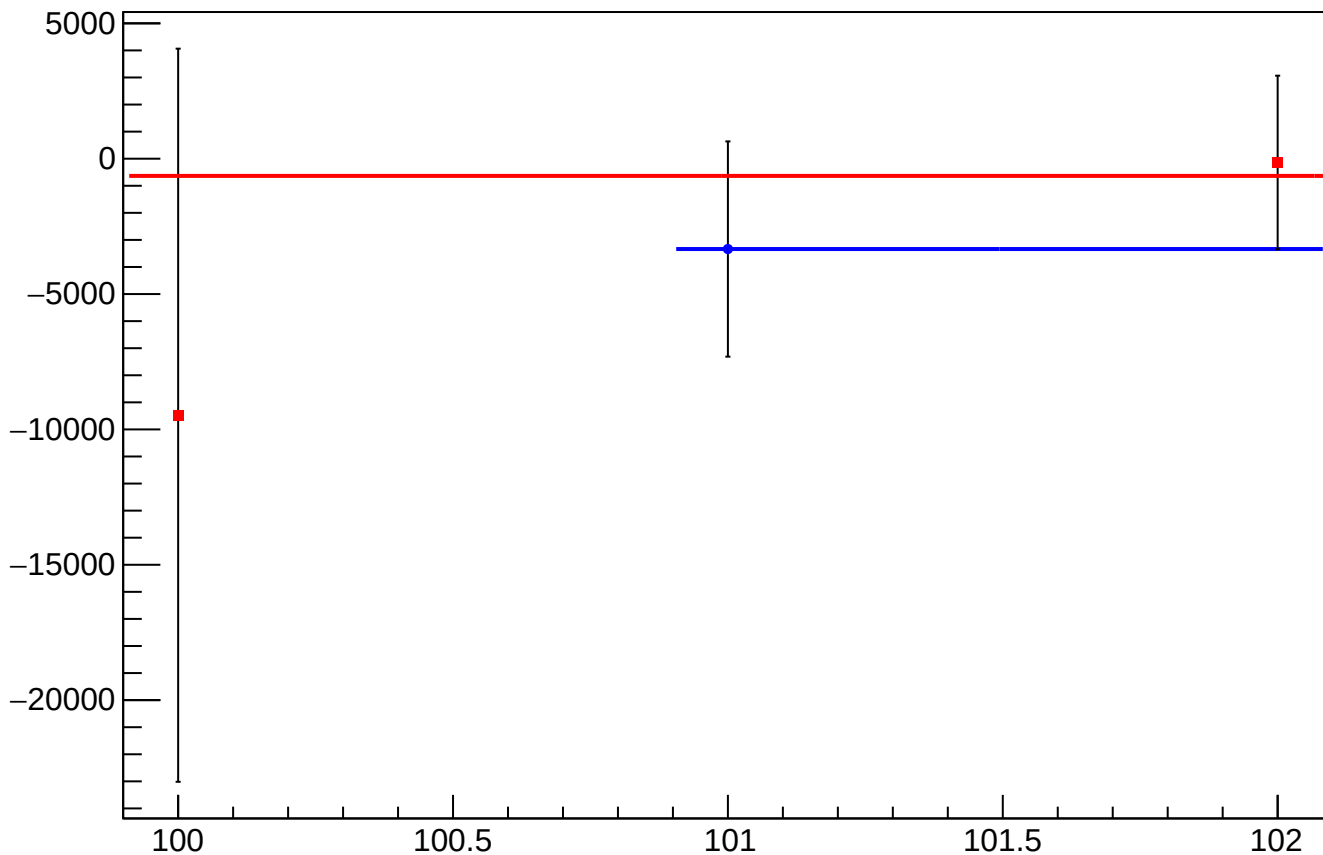
Right: 1276.261+/-0.892 χ^2/NDF : 355244.7/2

In: 2581.179+/-2.629 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1276.261+/-0.892 χ^2/NDF : 355244.7/2

eigen_dit_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -3336.669+/-3975.787 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -635.471+/-3120.125 χ^2 /NDF: 0.5/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

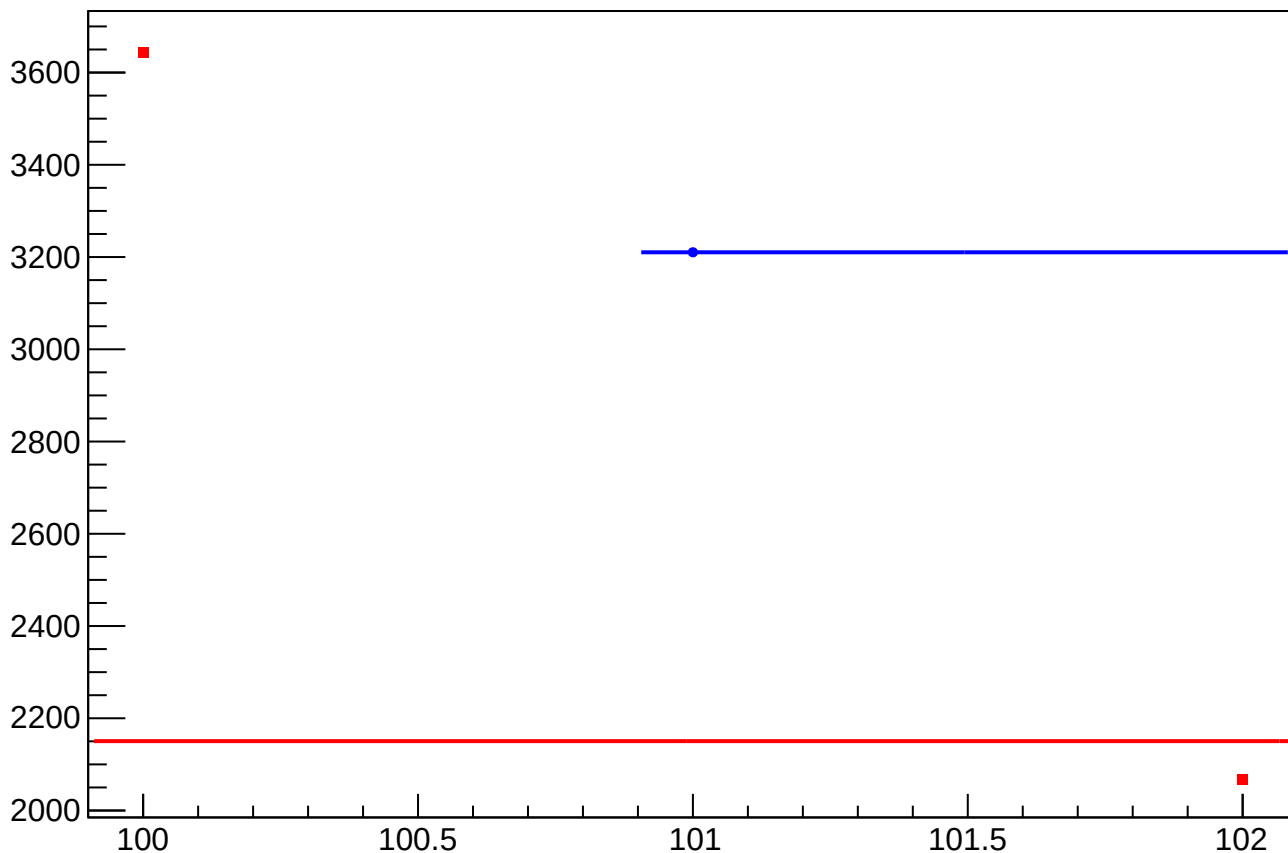
Right: -1665.014+/-2454.523 χ^2 /NDF: 0.7/2

In: -3336.669+/-3975.787 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1665.014+/-2454.523 χ^2 /NDF: 0.7/2

eigen_dit_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 3210.290+/-2.811 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2150.460+/-2.206 χ^2/NDF : 25709.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

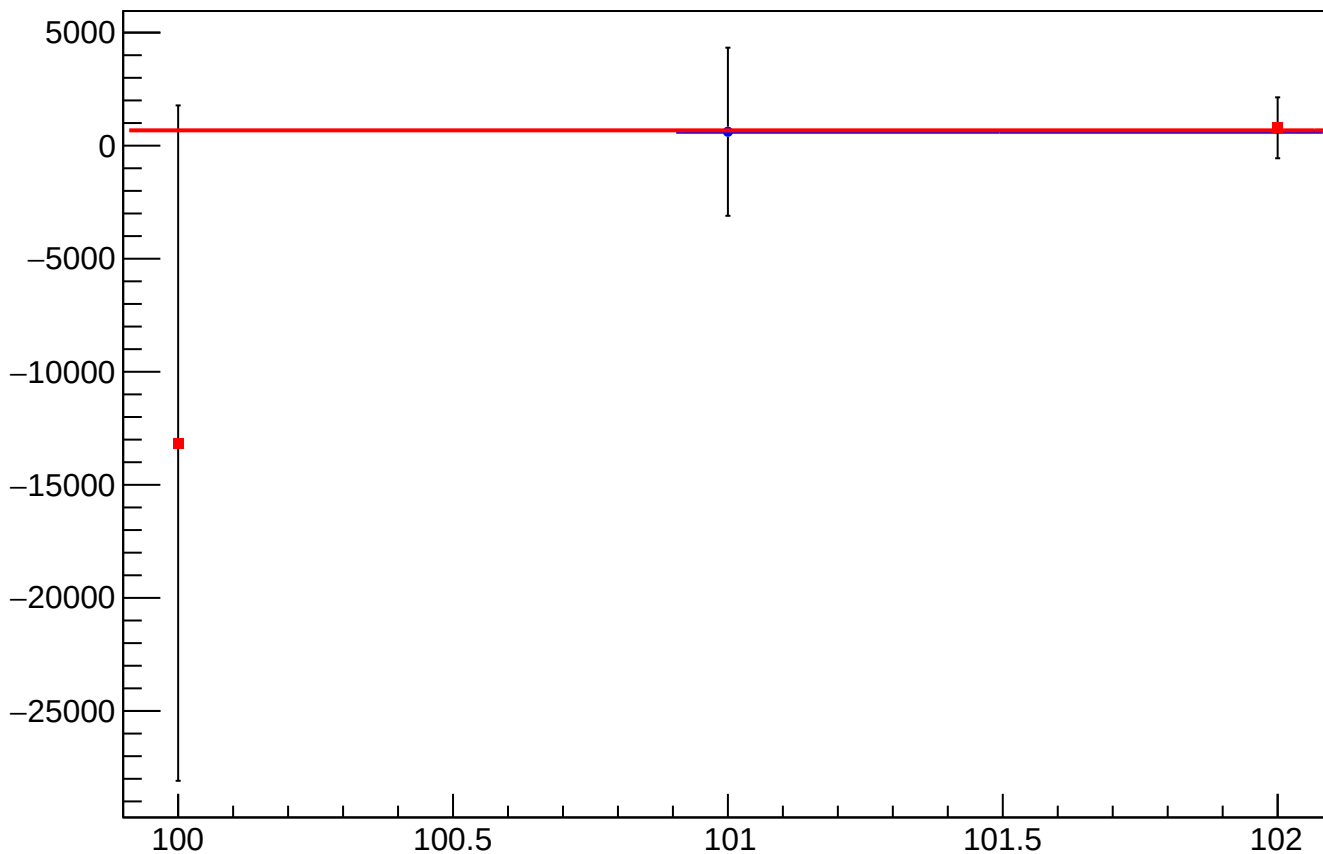
Right: 2554.351+/-1.735 χ^2/NDF : 113669.6/2

In: 3210.290+/-2.811 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2554.351+/-1.735 χ^2/NDF : 113669.6/2

asym_us_avg_atlr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 615.636+/-3717.575 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 676.872+/-1341.715 χ^2/NDF : 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

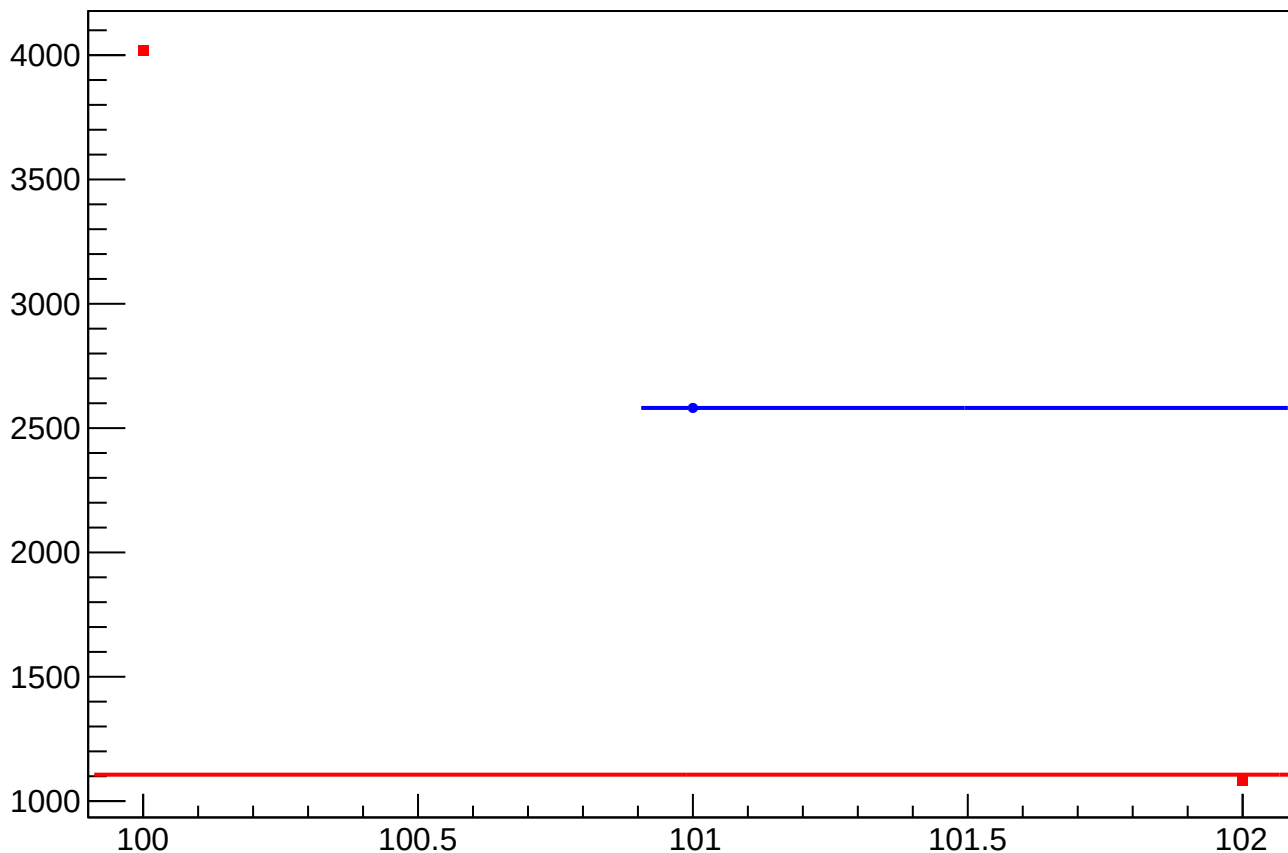
Right: 669.815+/-1262.036 χ^2/NDF : 0.9/2

In: 615.636+/-3717.575 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 669.815+/-1262.036 χ^2/NDF : 0.9/2

asym_us_avg_atlr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2581.177 $\pm$ 2.629 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1106.286 $\pm$ 0.949 χ^2 /NDF: 76726.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

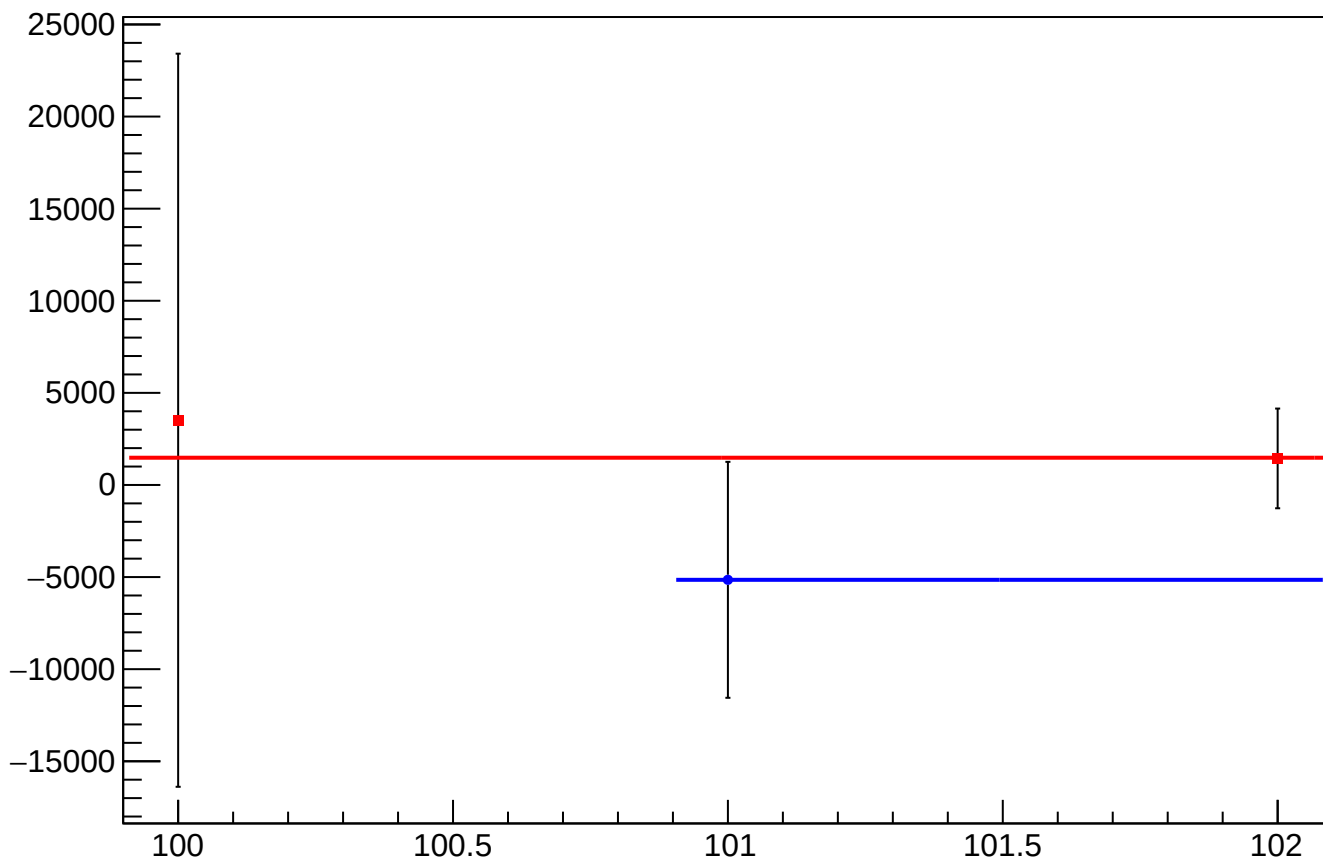
Right: 1276.260 $\pm$ 0.892 χ^2 /NDF: 355244.6/2

In: 2581.177 $\pm$ 2.629 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1276.260 $\pm$ 0.892 χ^2 /NDF: 355244.6/2

asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -5149.507+/-6404.928 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1479.057+/-2681.900 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

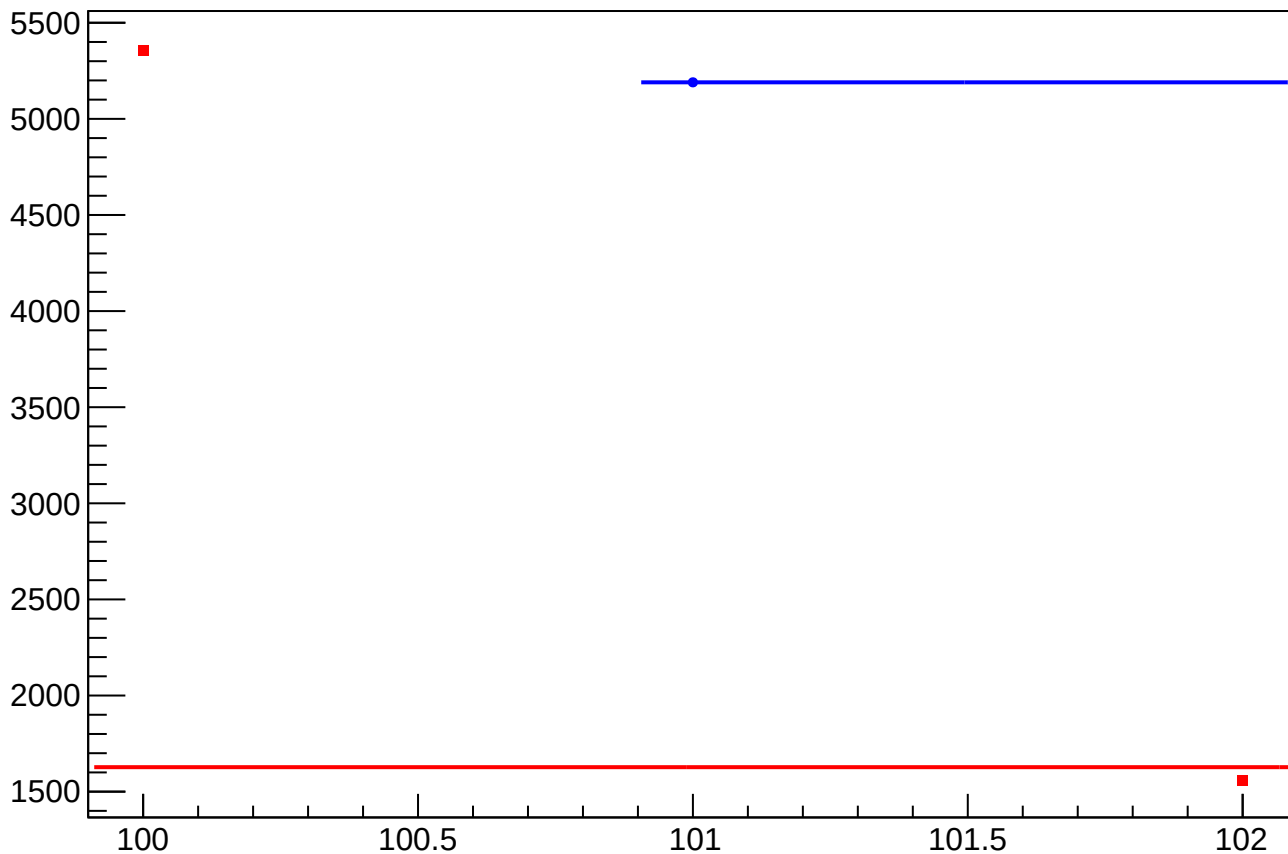
Right: 490.239+/-2473.789 χ^2/NDF : 0.9/2

In: -5149.507+/-6404.928 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 490.239+/-2473.789 χ^2/NDF : 0.9/2

asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 5190.077+/-4.529 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1627.306+/-1.896 χ^2/NDF : 71527.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

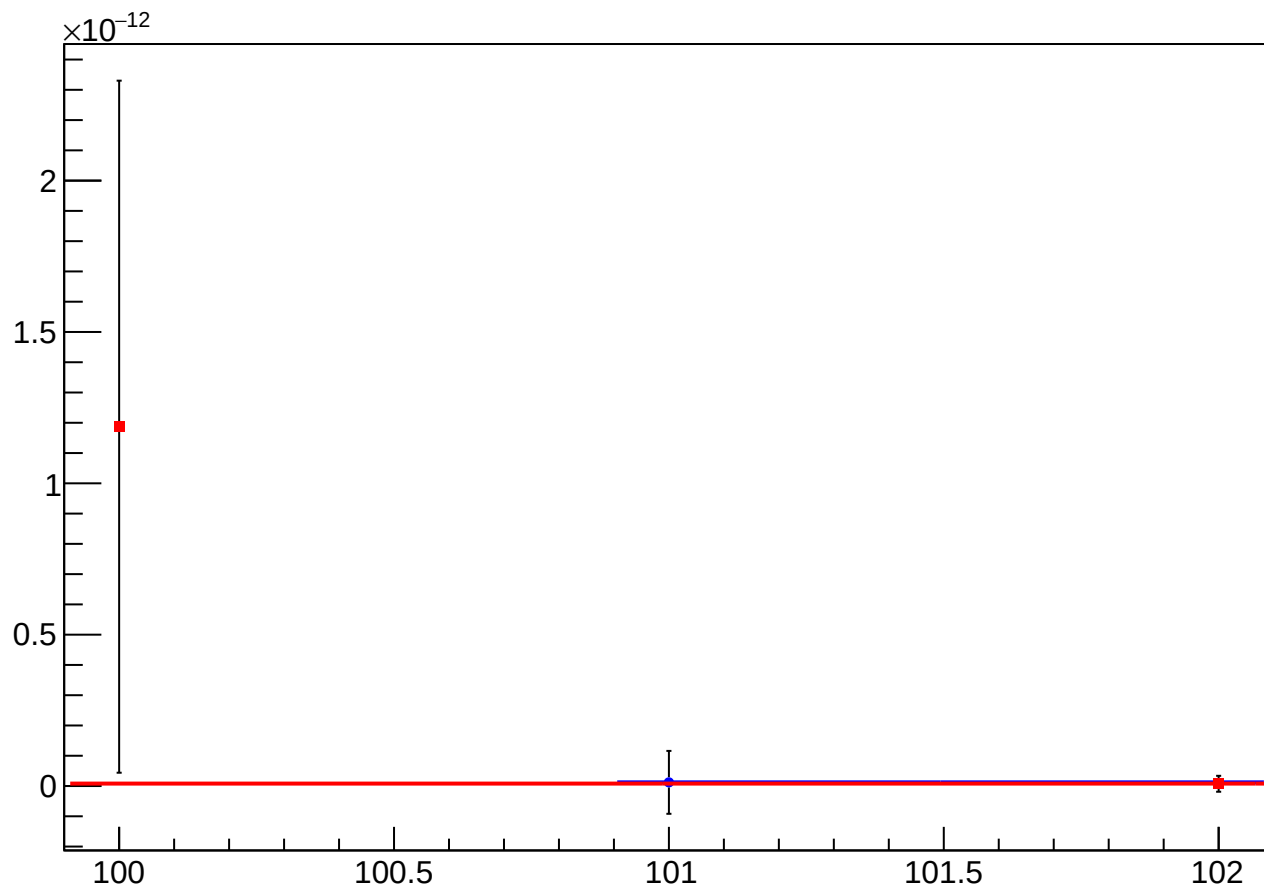
Right: 2158.711+/-1.749 χ^2/NDF : 598063.1/2

In: 5190.077+/-4.529 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2158.711+/-1.749 χ^2/NDF : 598063.1/2

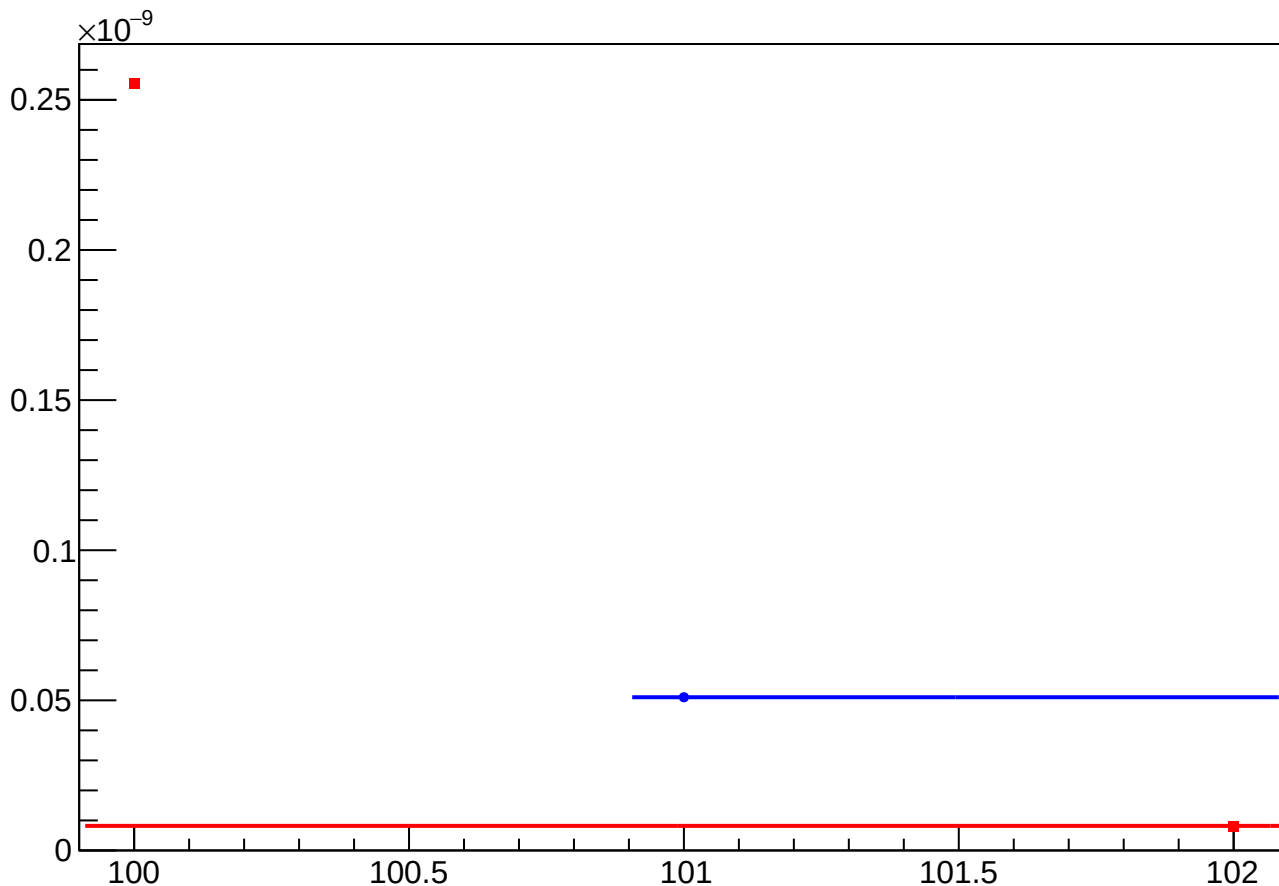
asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 1.1/1
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1.1/2
 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 : 1.1/2

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_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 : 93579.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

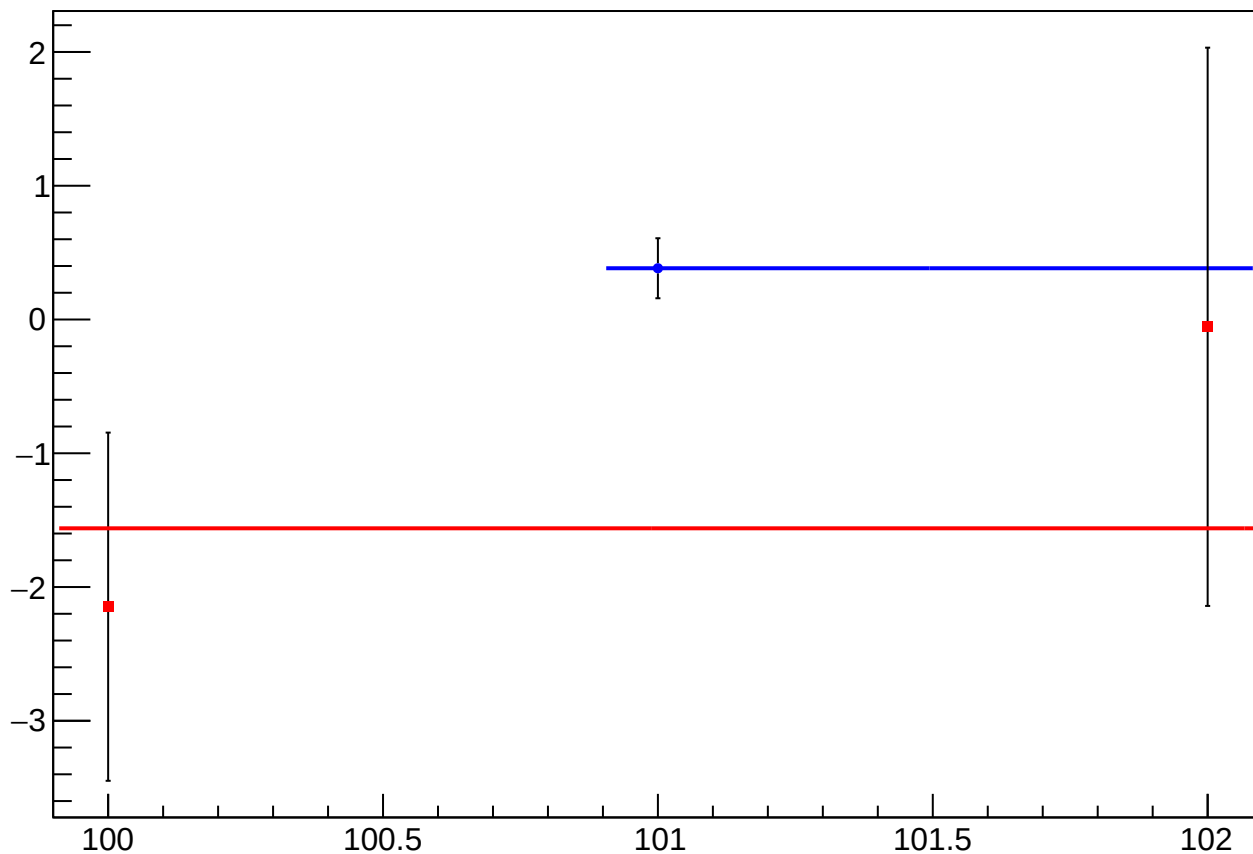
Right: 0.000+/-0.000 χ^2/NDF : 413310.1/2

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 : 413310.1/2

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.383+/-0.224 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.561+/-1.104 χ^2/NDF : 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

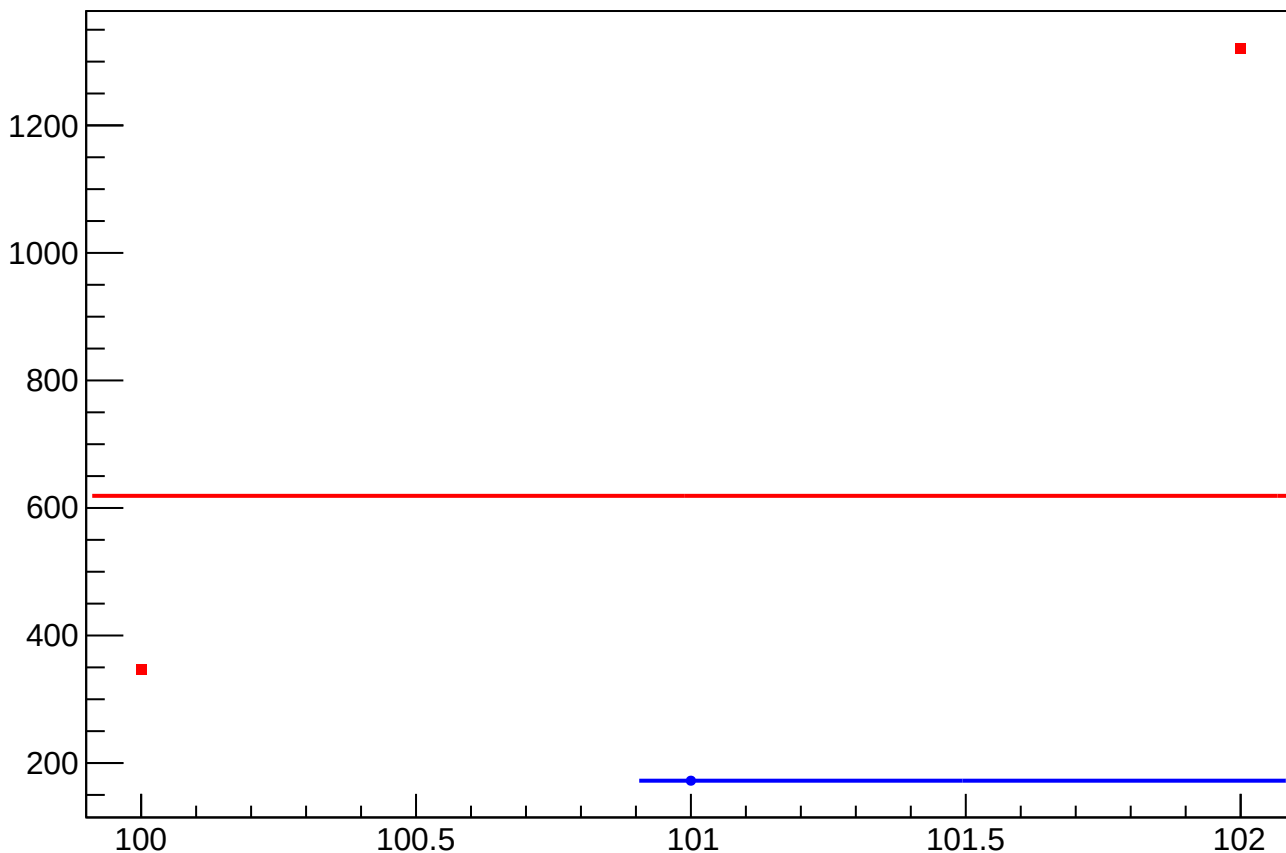
Right: 0.306+/-0.220 χ^2/NDF : 3.7/2

In: 0.383+/-0.224 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.306+/-0.220 χ^2/NDF : 3.7/2

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 172.300+/-0.159 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 619.030+/-0.781 χ^2/NDF : 313814.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

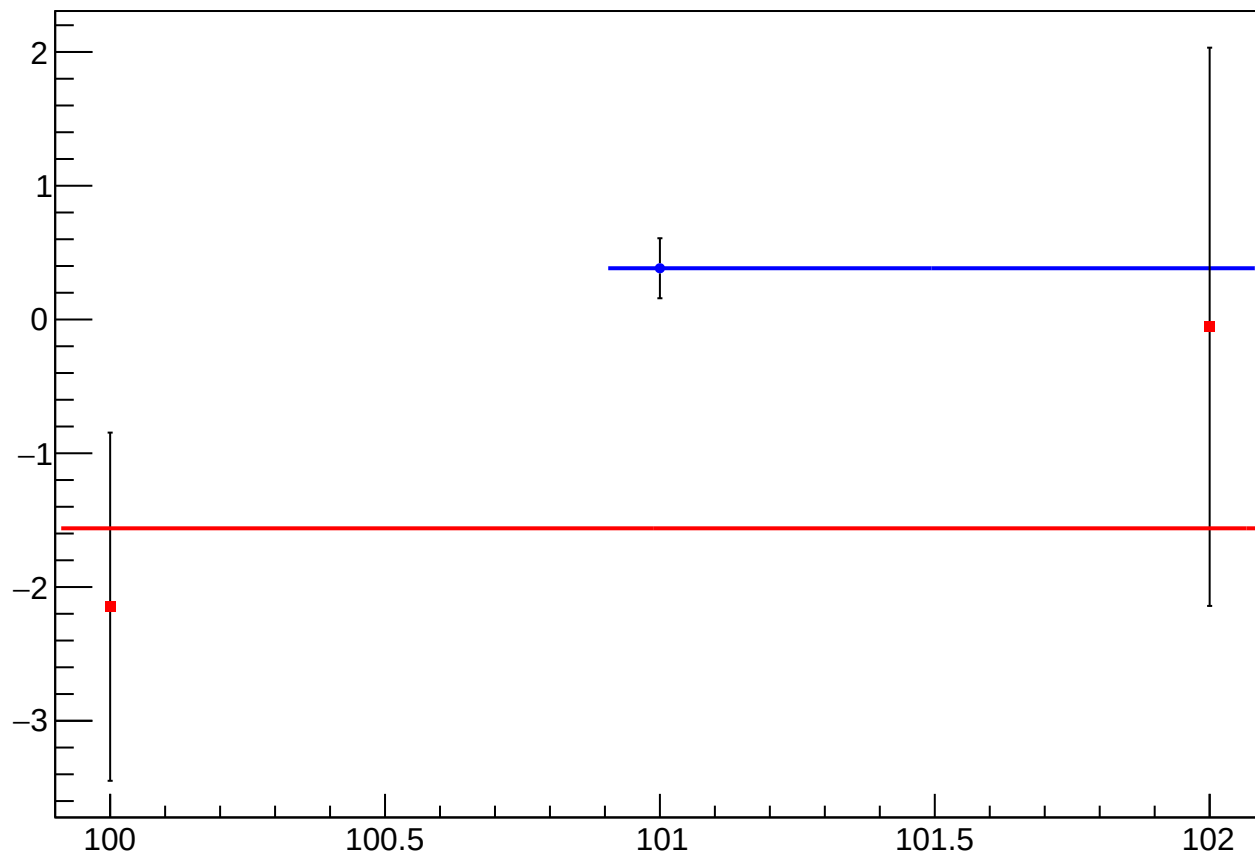
Right: 190.008+/-0.155 χ^2/NDF : 628124.5/2

In: 172.300+/-0.159 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 190.008+/-0.155 χ^2/NDF : 628124.5/2

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.224 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.561 $\pm$ 1.104 χ^2 /NDF: 0.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

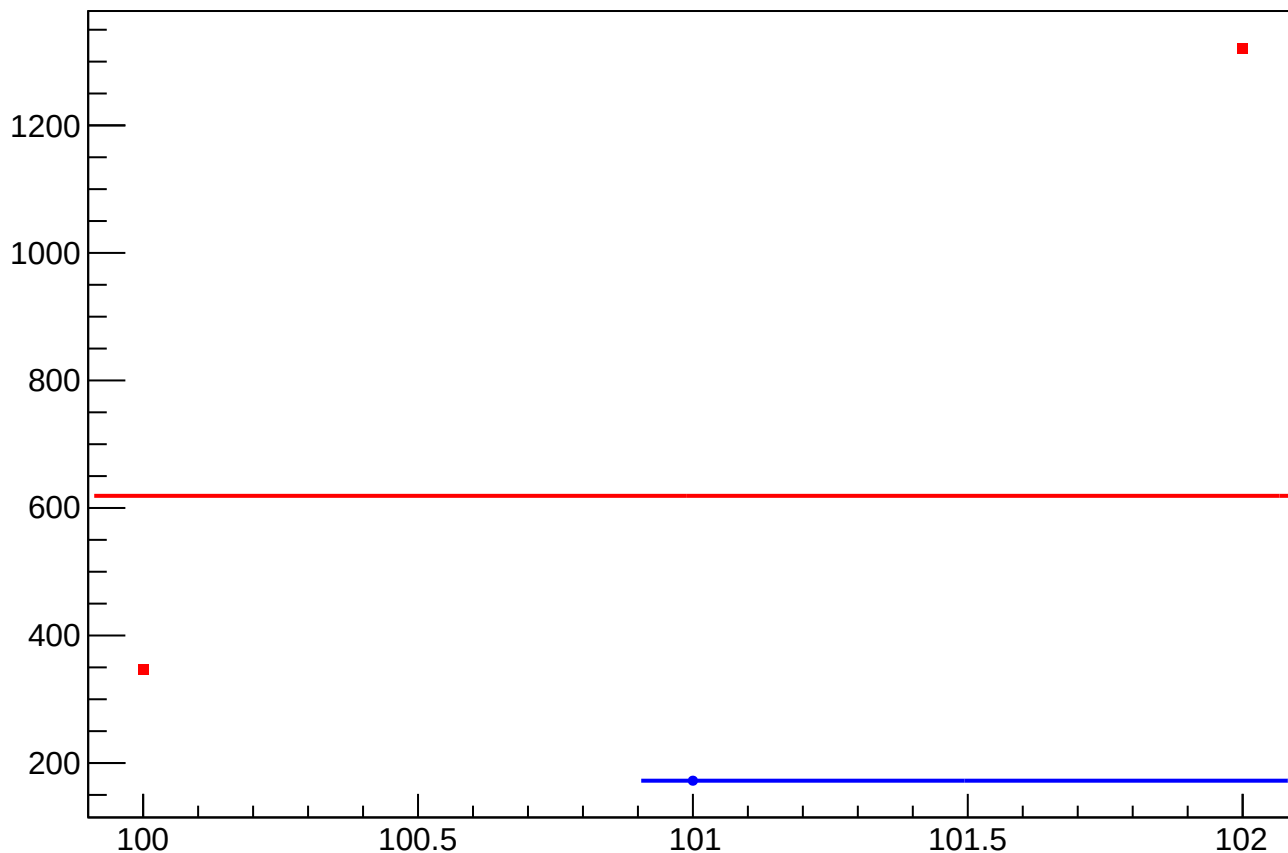
Right: 0.306 $\pm$ 0.220 χ^2 /NDF: 3.7/2

In: 0.383 $\pm$ 0.224 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.306 $\pm$ 0.220 χ^2 /NDF: 3.7/2

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 172.300 $\pm$ 0.159 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 619.030 $\pm$ 0.781 χ^2 /NDF: 313814.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

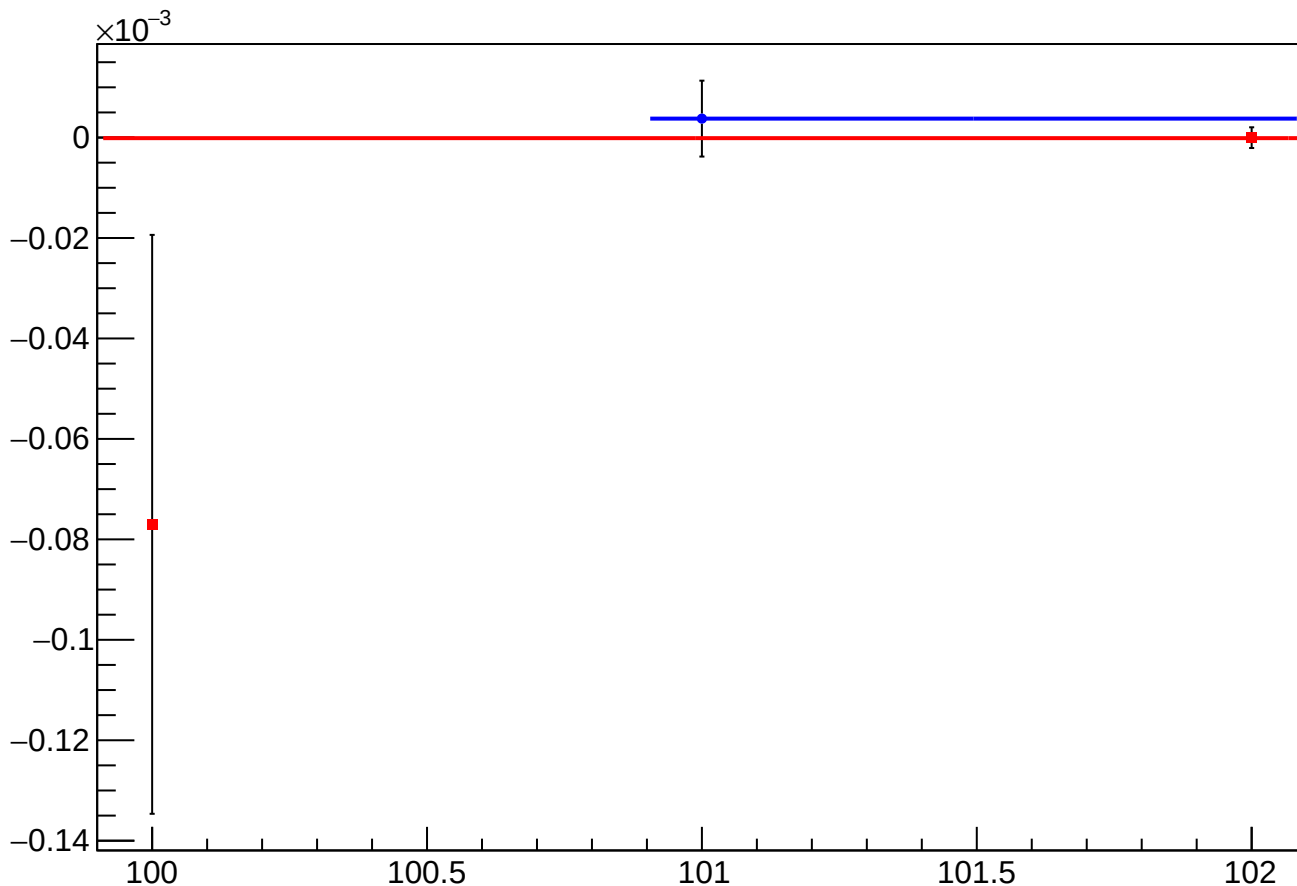
Right: 190.008 $\pm$ 0.155 χ^2 /NDF: 628124.5/2

In: 172.300 $\pm$ 0.159 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 190.008 $\pm$ 0.155 χ^2 /NDF: 628124.5/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

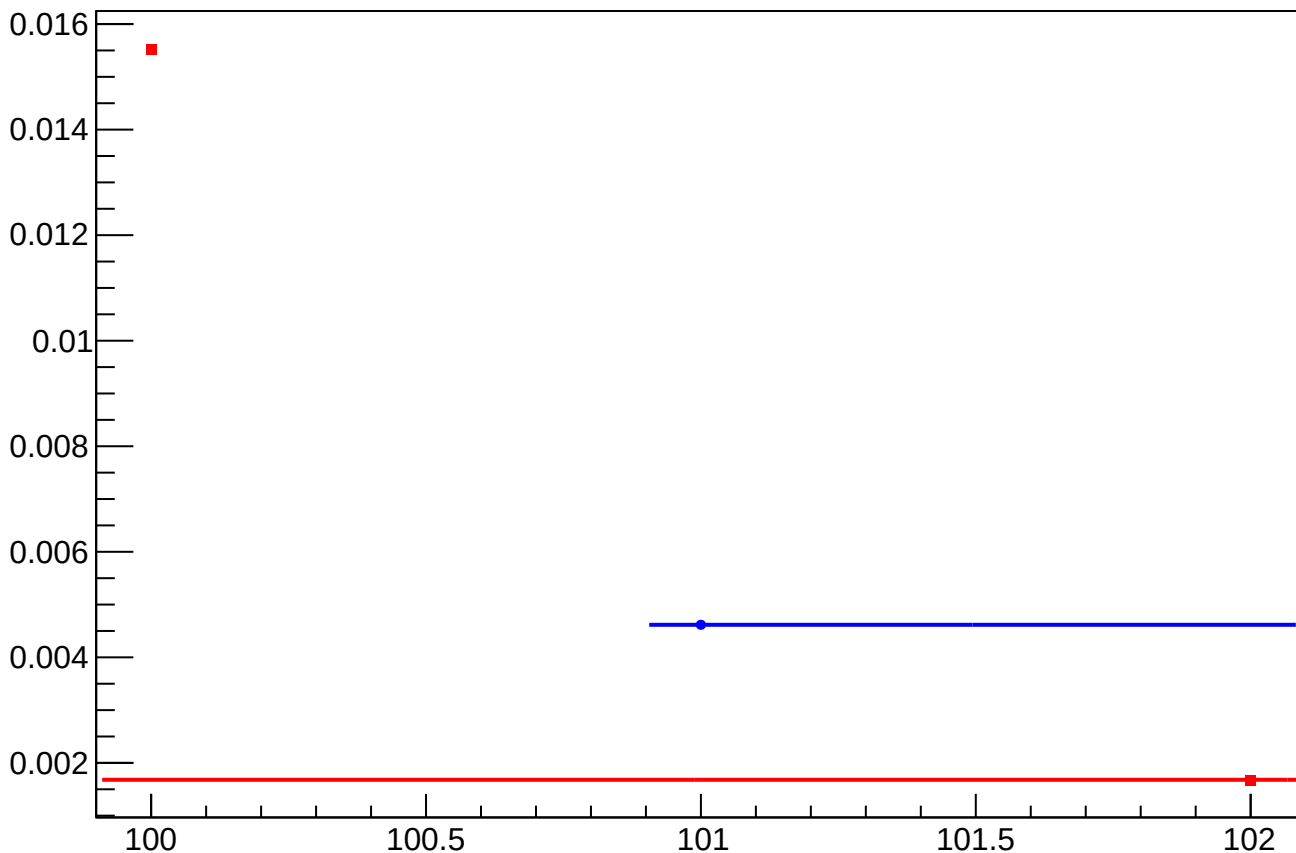
Right: 0.000+/-0.000 χ^2/NDF : 2.0/2

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 : 2.0/2

asym_us_avg_atlr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 115360.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

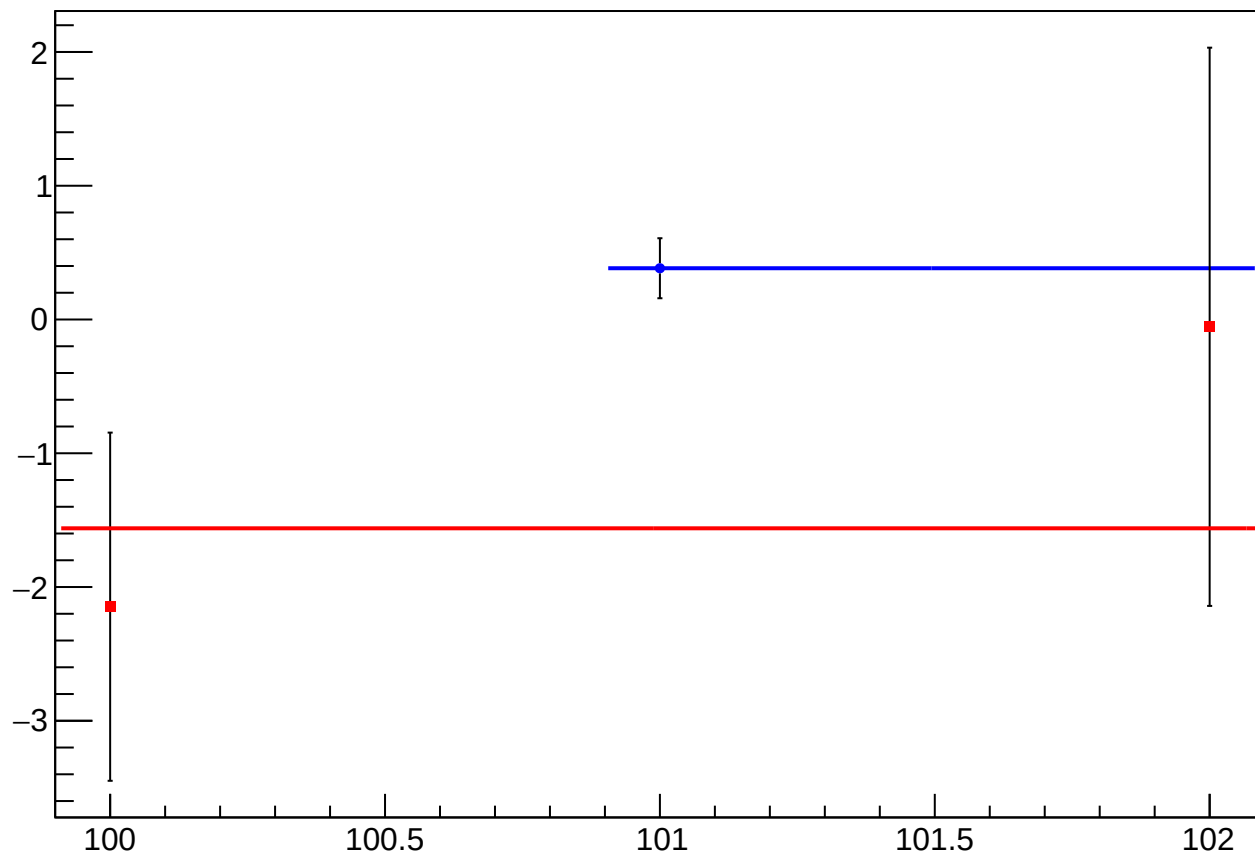
Right: 0.002+/-0.000 χ^2/NDF : 396607.8/2

In: 0.005+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 396607.8/2

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.224 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.561 $\pm$ 1.104 χ^2 /NDF: 0.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

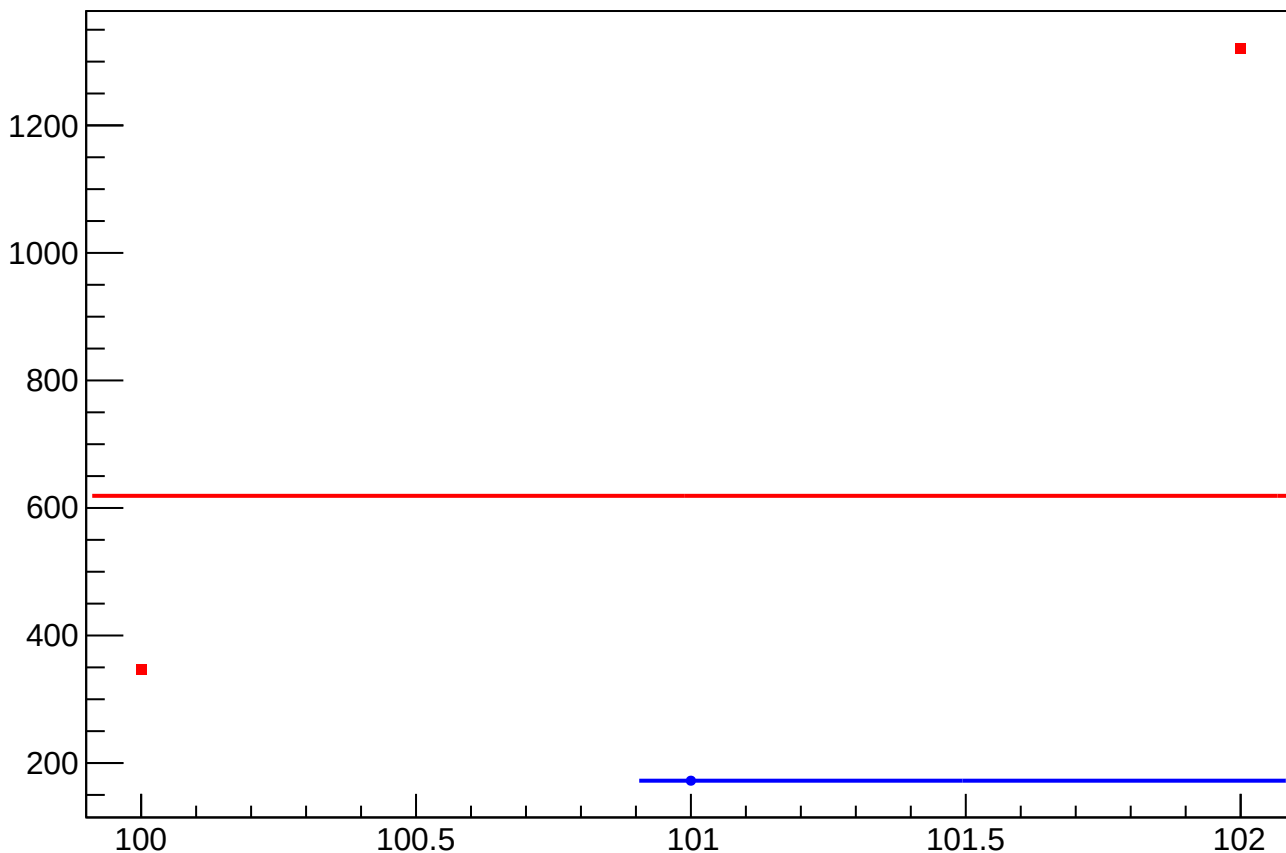
Right: 0.306 $\pm$ 0.220 χ^2 /NDF: 3.7/2

In: 0.383 $\pm$ 0.224 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.306 $\pm$ 0.220 χ^2 /NDF: 3.7/2

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 172.298+/-0.159 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 619.046+/-0.781 χ^2/NDF : 313804.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

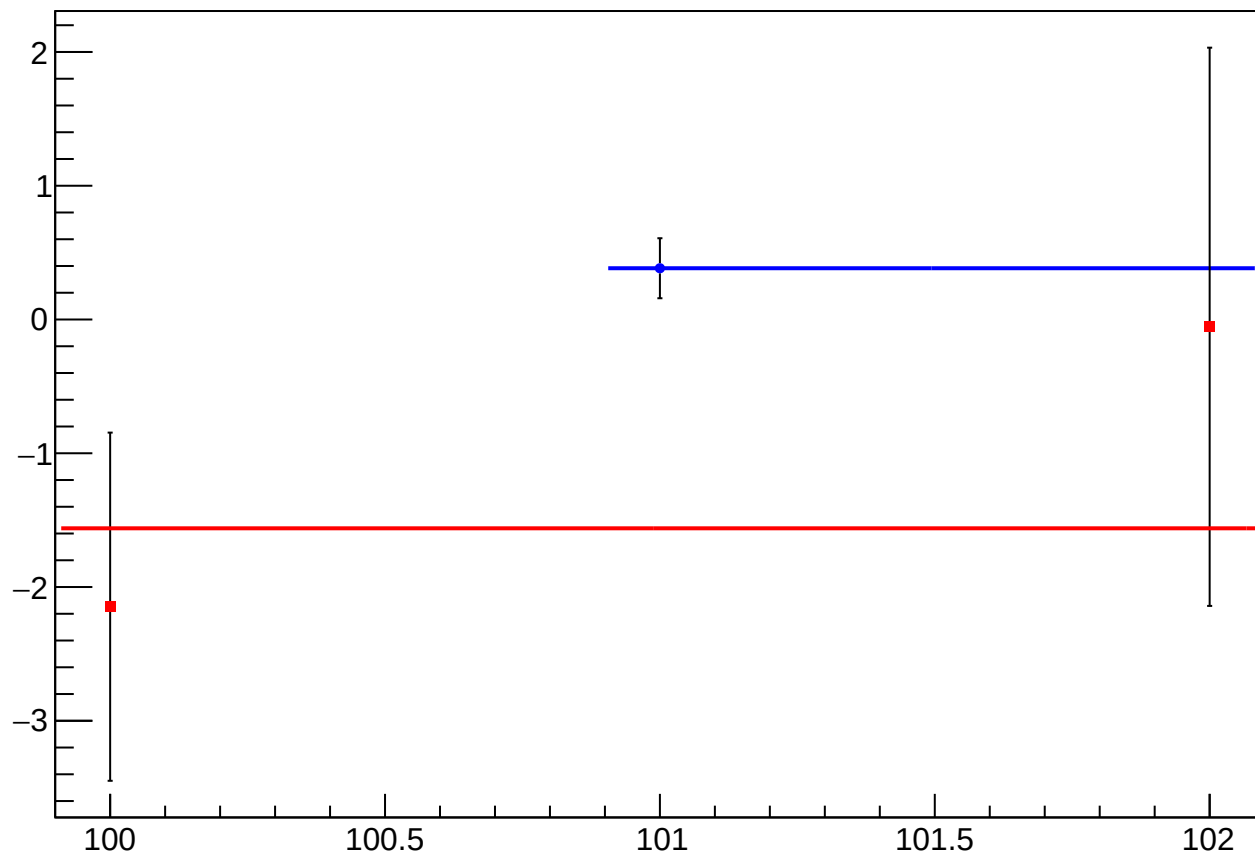
Right: 190.007+/-0.155 χ^2/NDF : 628128.1/2

In: 172.298+/-0.159 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 190.007+/-0.155 χ^2/NDF : 628128.1/2

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.224 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -1.561 $\pm$ 1.104 χ^2/NDF : 0.7/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

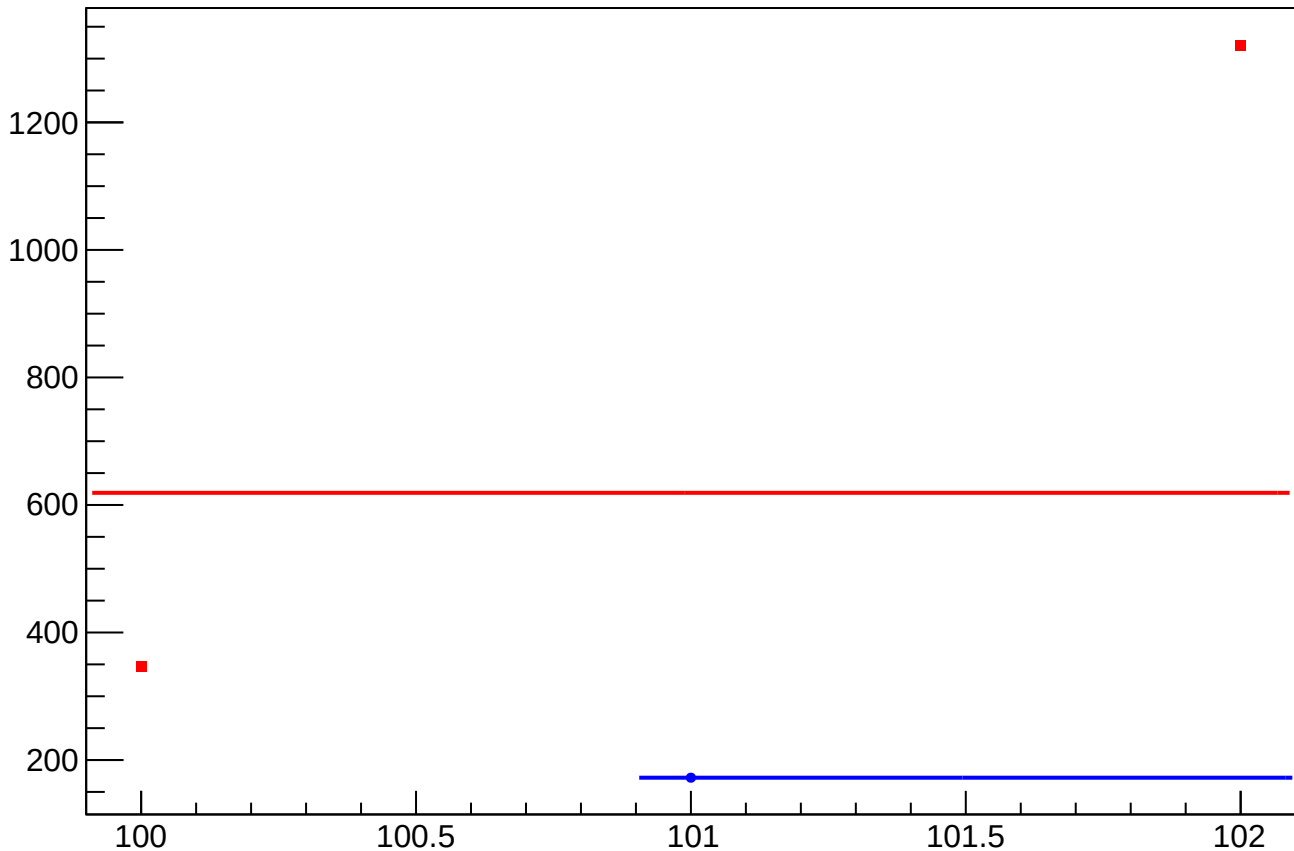
Right: 0.306 $\pm$ 0.220 χ^2/NDF : 3.7/2

In: 0.383 $\pm$ 0.224 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.306 $\pm$ 0.220 χ^2/NDF : 3.7/2

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 172.298 $\pm$ 0.159 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 619.046 $\pm$ 0.781 χ^2 /NDF: 313804.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

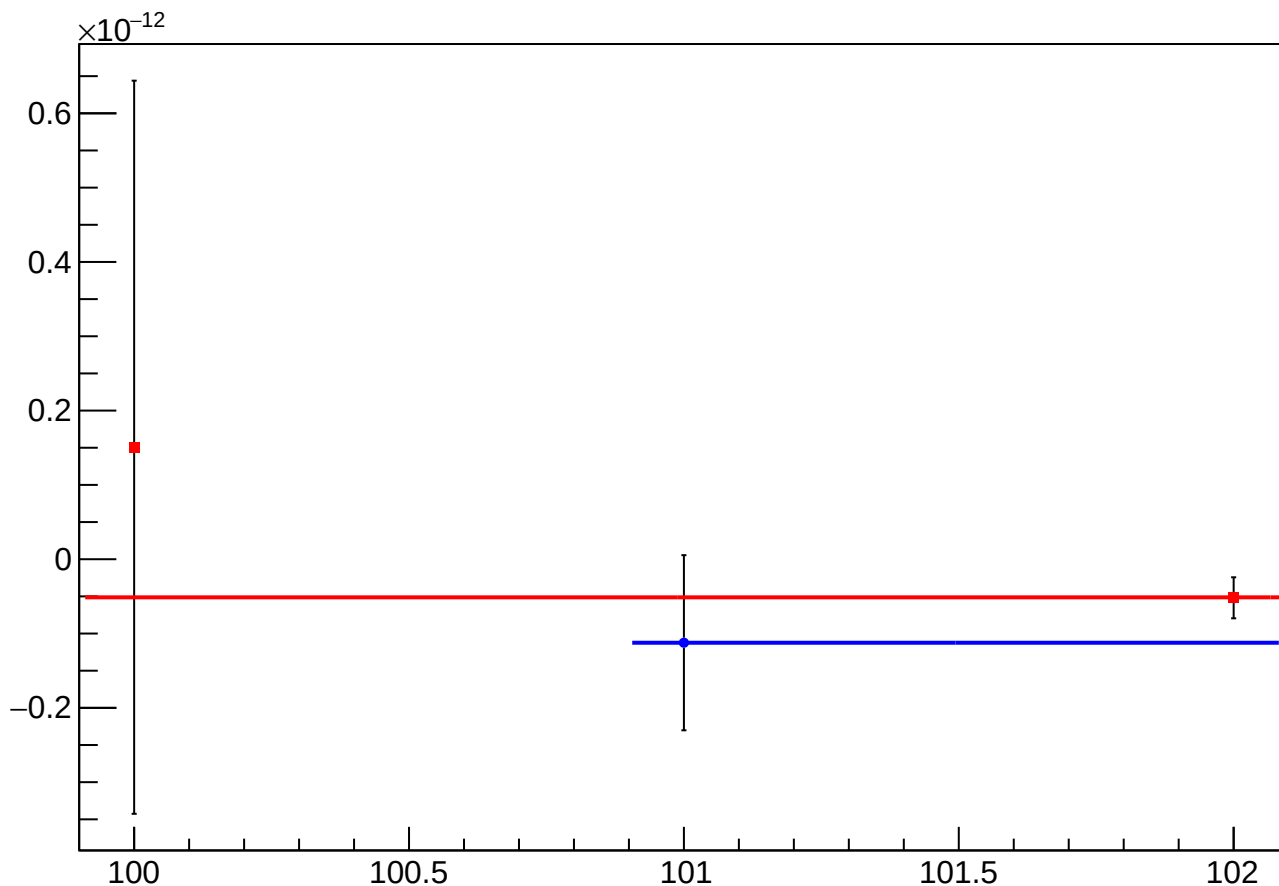
Right: 190.007 $\pm$ 0.155 χ^2 /NDF: 628128.1/2

In: 172.298 $\pm$ 0.159 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 190.007 $\pm$ 0.155 χ^2 /NDF: 628128.1/2

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: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

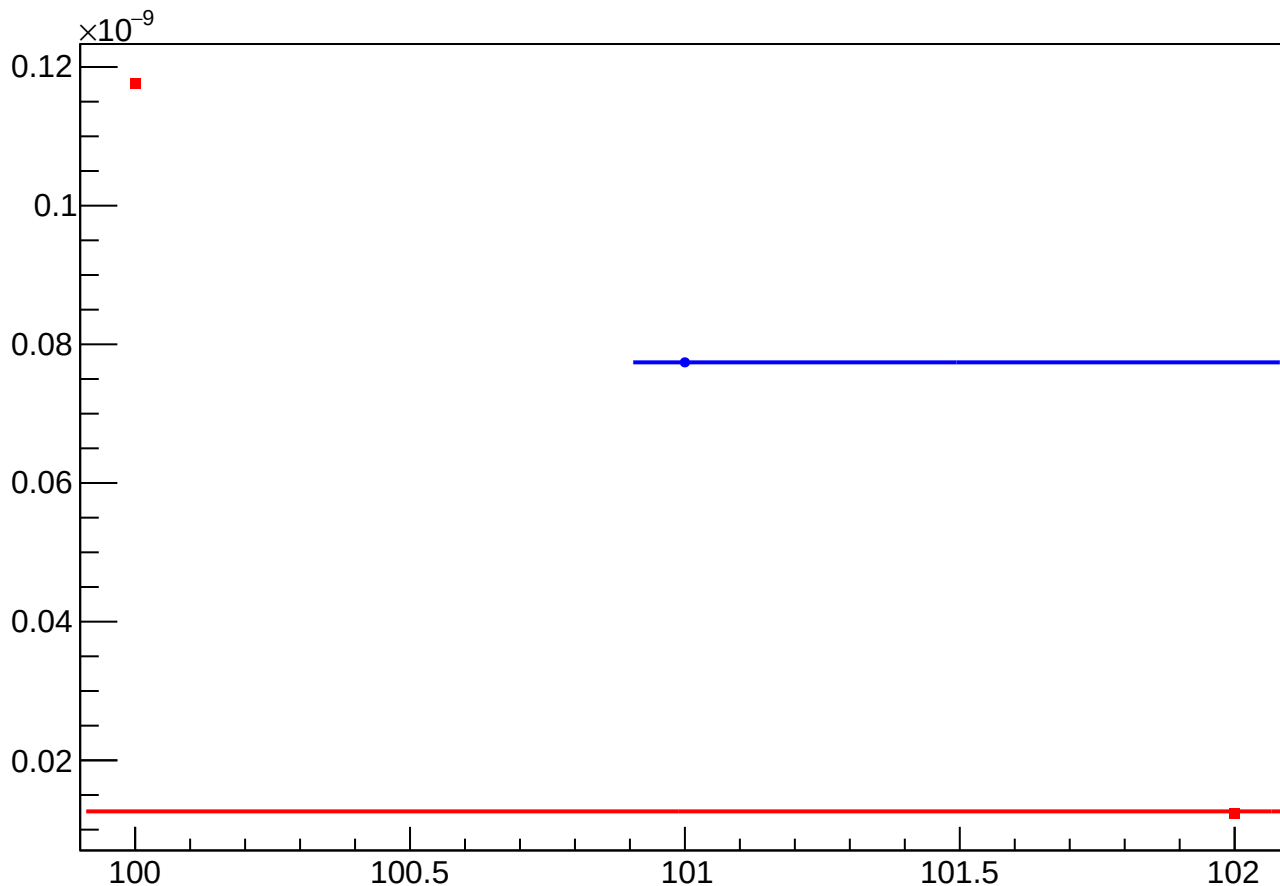
Right: -0.000+/-0.000 χ^2 /NDF: 0.4/2

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: 0.4/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 90991.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

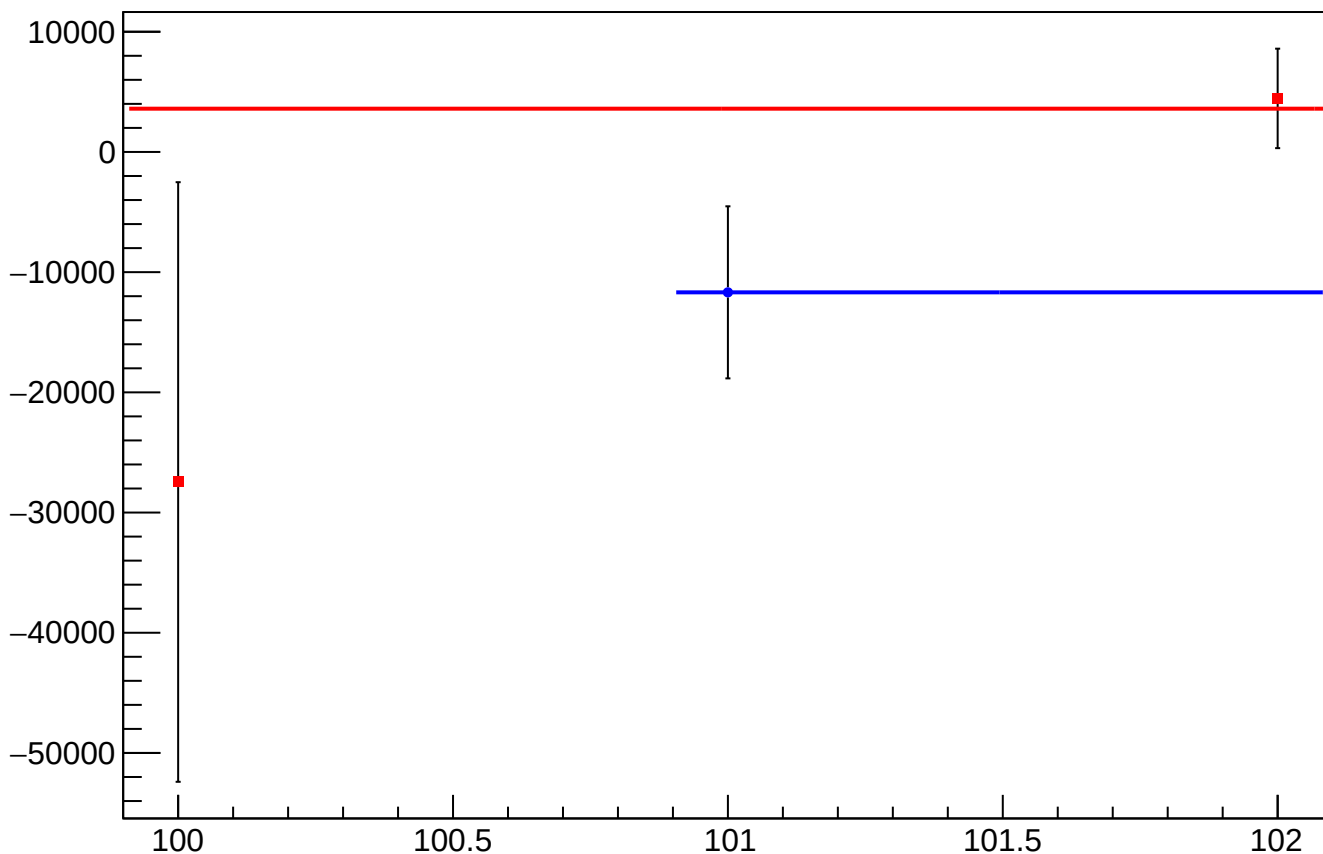
Right: 0.000+/-0.000 χ^2/NDF : 663822.9/2

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 : 663822.9/2

reg_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -11679.882+/-7157.896 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3600.050+/-4082.040 χ^2/NDF : 1.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

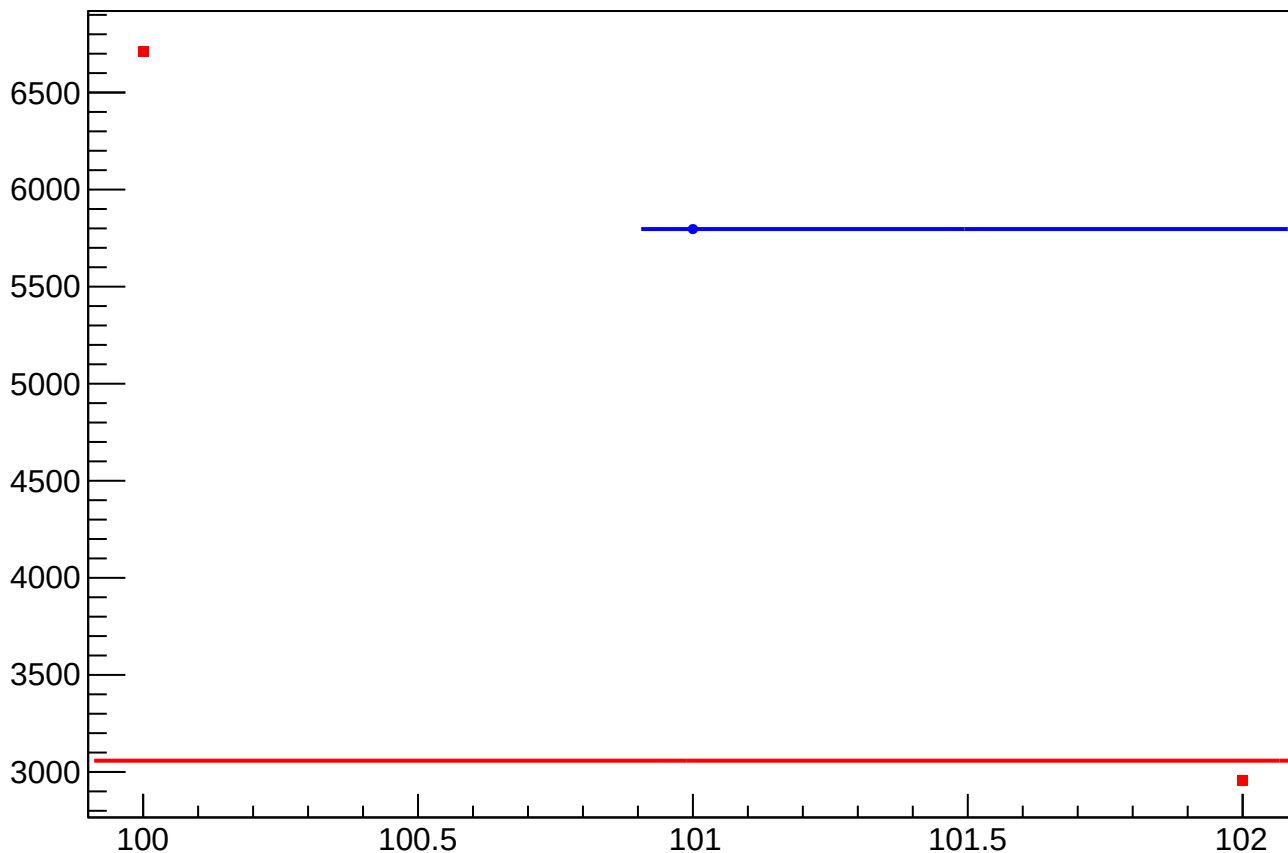
Right: -149.815+/-3545.949 χ^2/NDF : 5.0/2

In: -11679.882+/-7157.896 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -149.815+/-3545.949 χ^2/NDF : 5.0/2

reg_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 5796.605 $\pm$ 5.061 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3058.060 $\pm$ 2.886 χ^2 /NDF: 44136.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

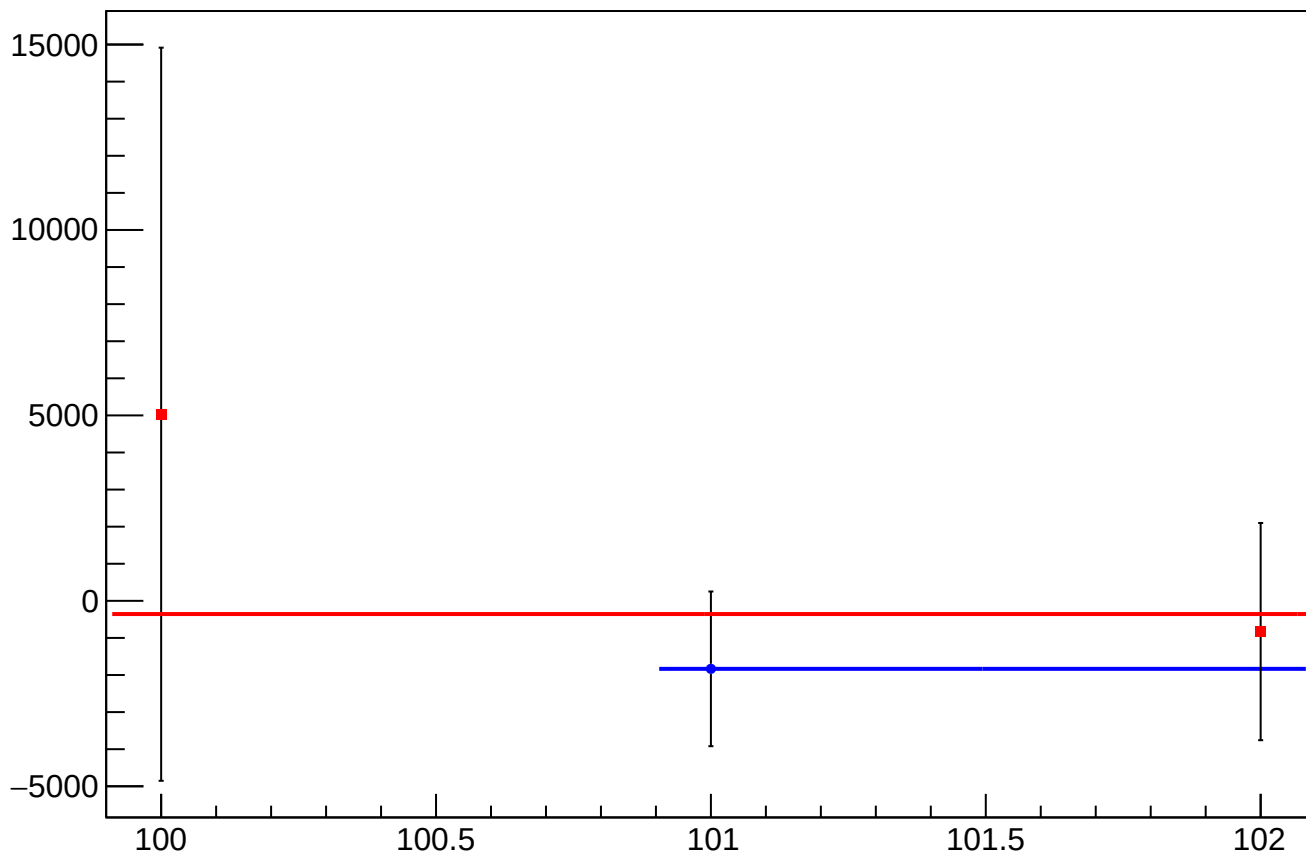
Right: 3730.046 $\pm$ 2.507 χ^2 /NDF: 265052.6/2

In: 5796.605 $\pm$ 5.061 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3730.046 $\pm$ 2.507 χ^2 /NDF: 265052.6/2

asym_us_dd_at1lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1833.626+/-2085.464 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -355.884+/-2808.052 χ^2/NDF : 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

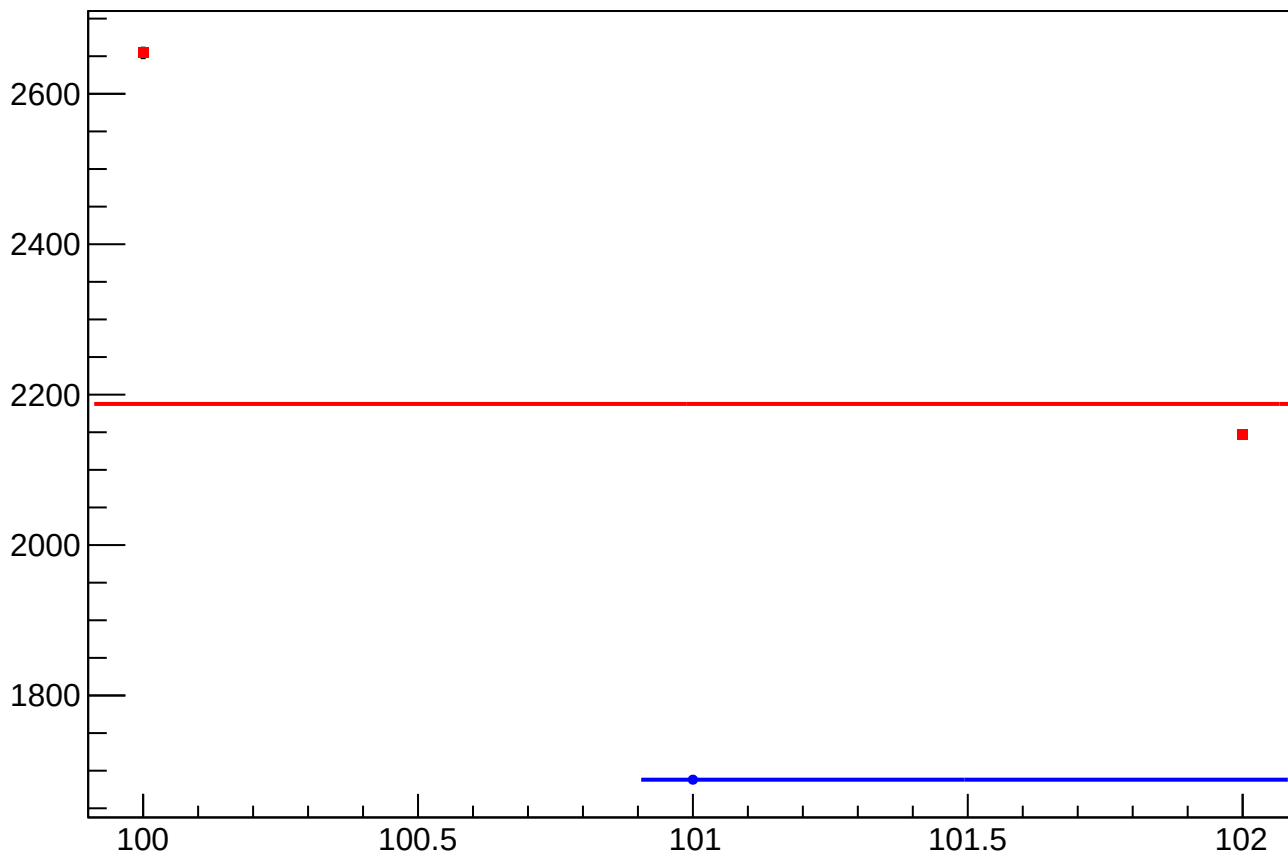
Right: -1308.305+/-1674.241 χ^2/NDF : 0.5/2

In: -1833.626+/-2085.464 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1308.305+/-1674.241 χ^2/NDF : 0.5/2

asym_us_dd_at1lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1688.035 $\pm$ 1.475 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2187.656 $\pm$ 1.986 χ^2 /NDF: 4851.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

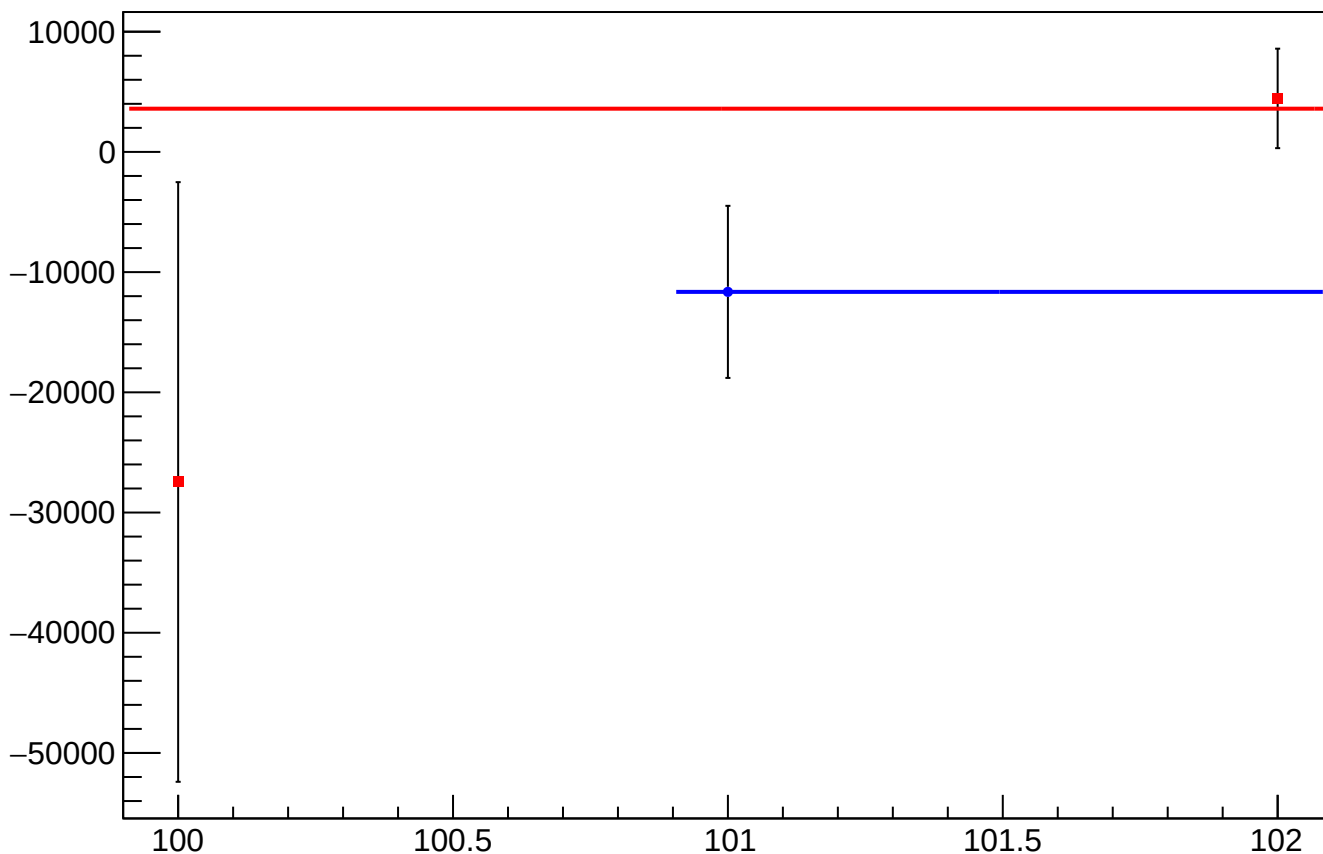
Right: 1865.645 $\pm$ 1.184 χ^2 /NDF: 45657.7/2

In: 1688.035 $\pm$ 1.475 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1865.645 $\pm$ 1.184 χ^2 /NDF: 45657.7/2

cor_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -11643.607+/-7157.926 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3596.268+/-4082.043 χ^2/NDF : 1.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

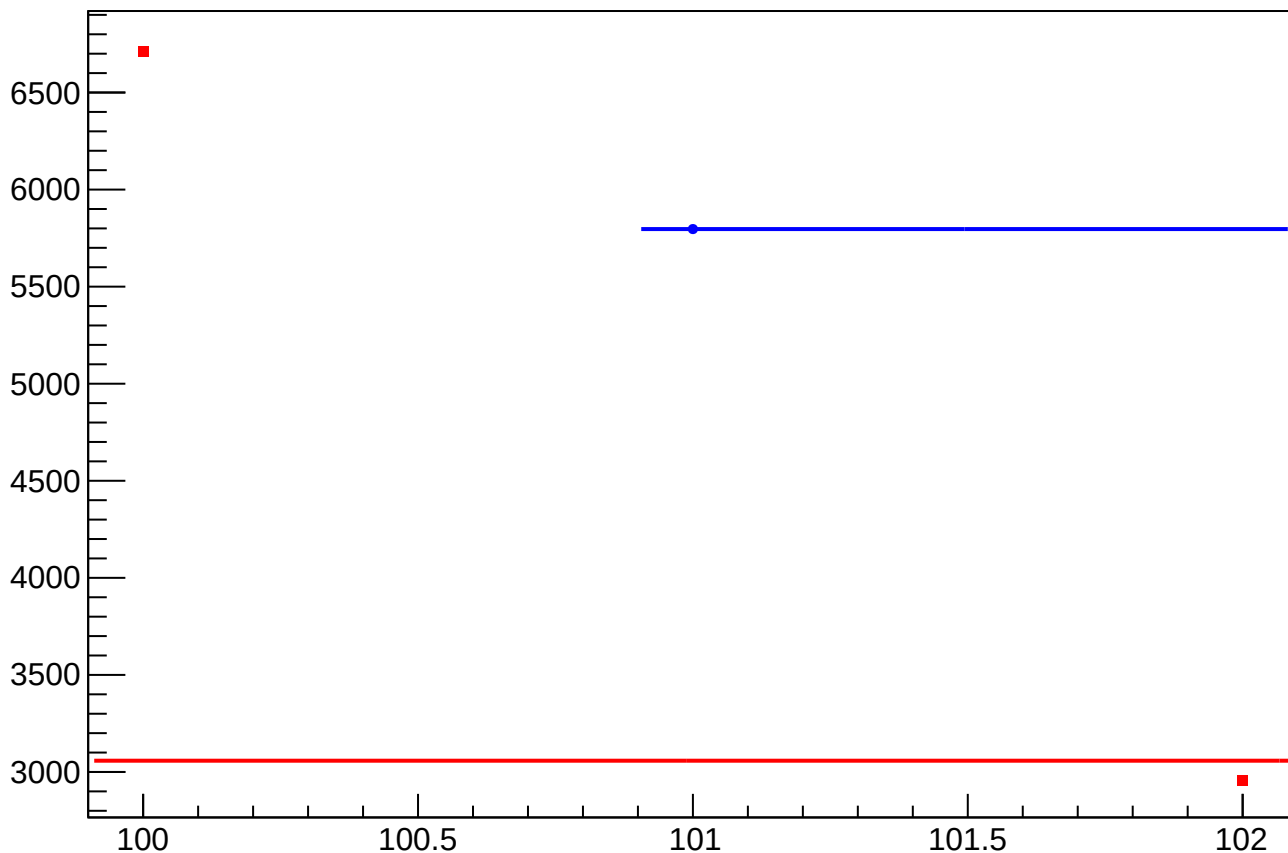
Right: -143.747+/-3545.955 χ^2/NDF : 5.0/2

In: -11643.607+/-7157.926 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -143.747+/-3545.955 χ^2/NDF : 5.0/2

cor_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 5796.621+/-5.061 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3058.054+/-2.886 χ^2/NDF : 44137.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

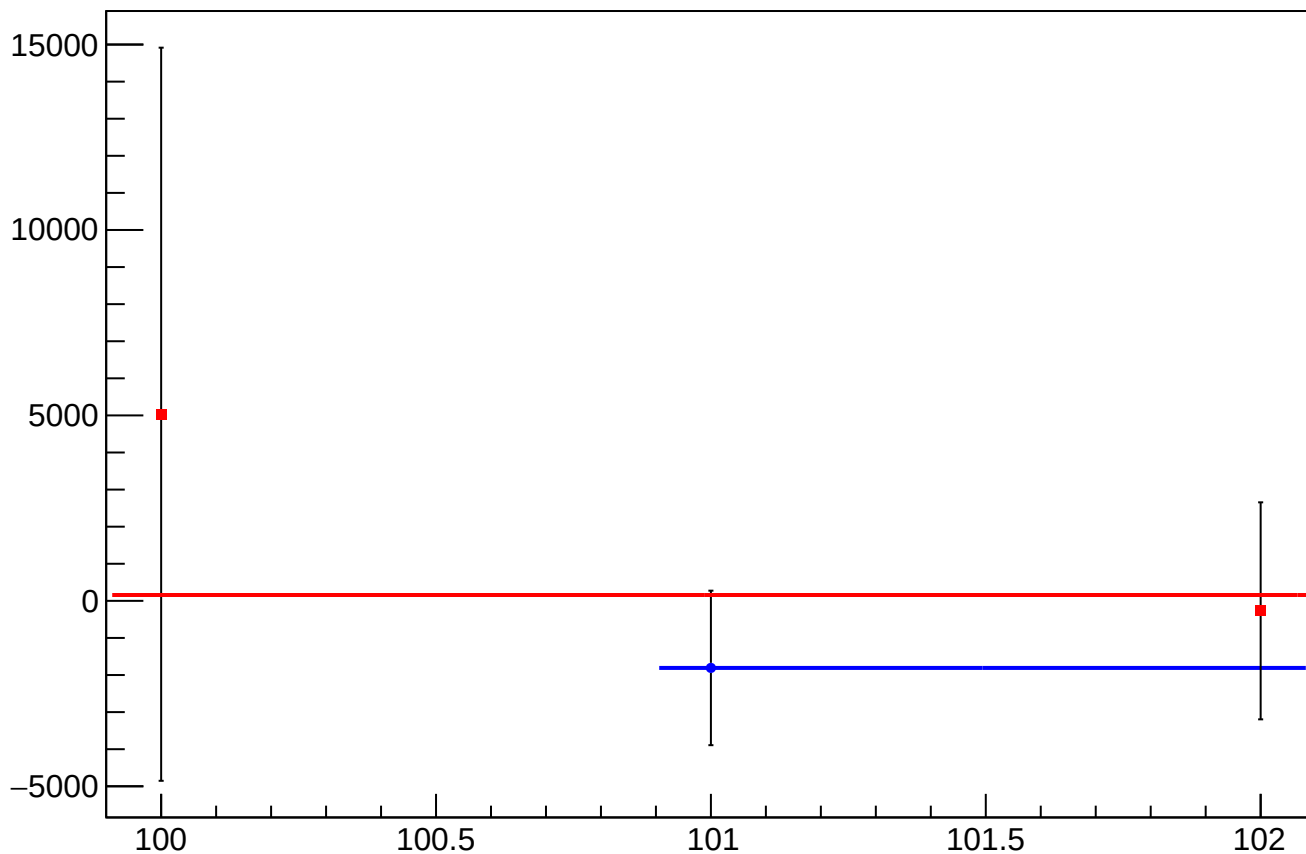
Right: 3730.042+/-2.507 χ^2/NDF : 265055.0/2

In: 5796.621+/-5.061 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3730.042+/-2.507 χ^2/NDF : 265055.0/2

asym_us_dd_at1lr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1808.568+/-2082.929 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 157.714+/-2805.388 χ^2 /NDF: 0.3/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

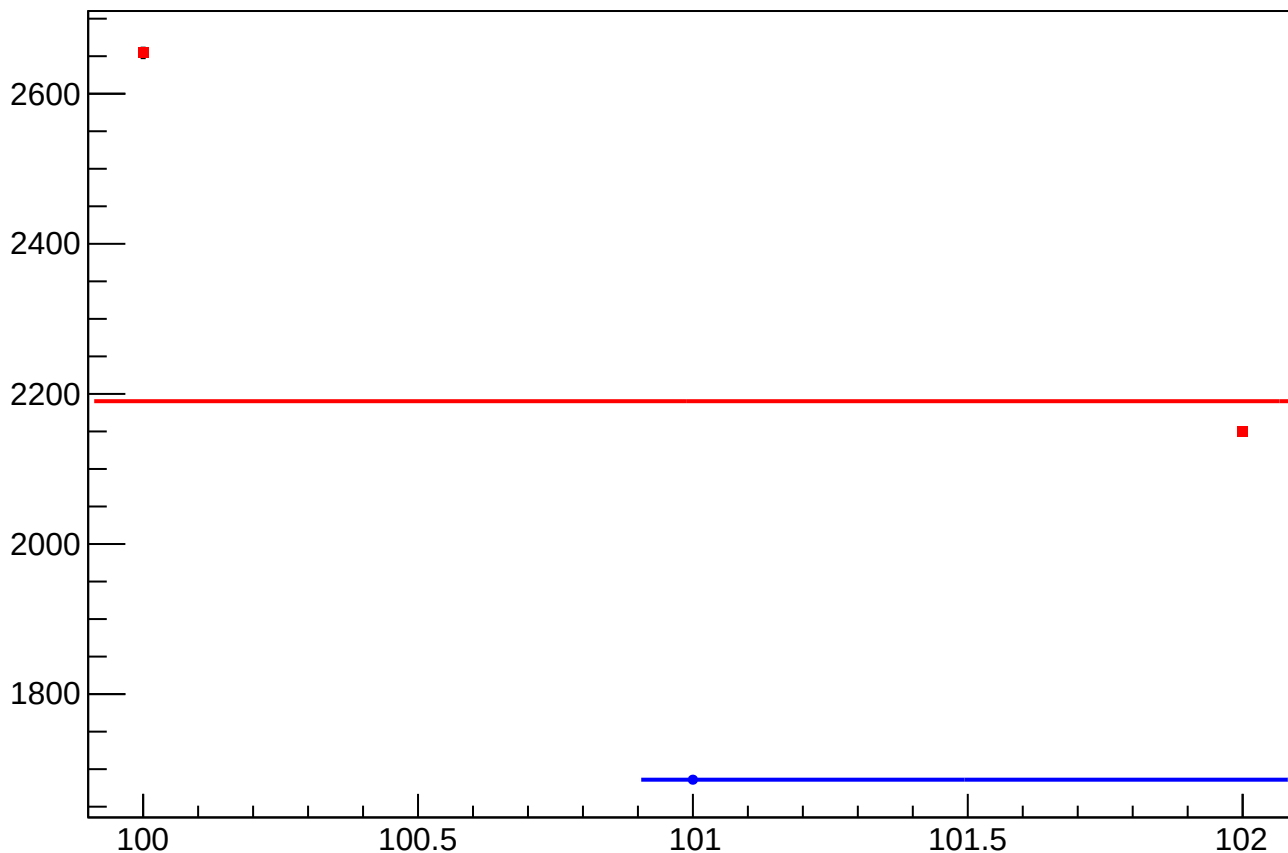
Right: -1109.818+/-1672.365 χ^2 /NDF: 0.6/2

In: -1808.568+/-2082.929 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1109.818+/-1672.365 χ^2 /NDF: 0.6/2

asym_us_dd_at1lr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1685.968 $\pm$ 1.473 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2190.310 $\pm$ 1.984 χ^2 /NDF: 4795.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

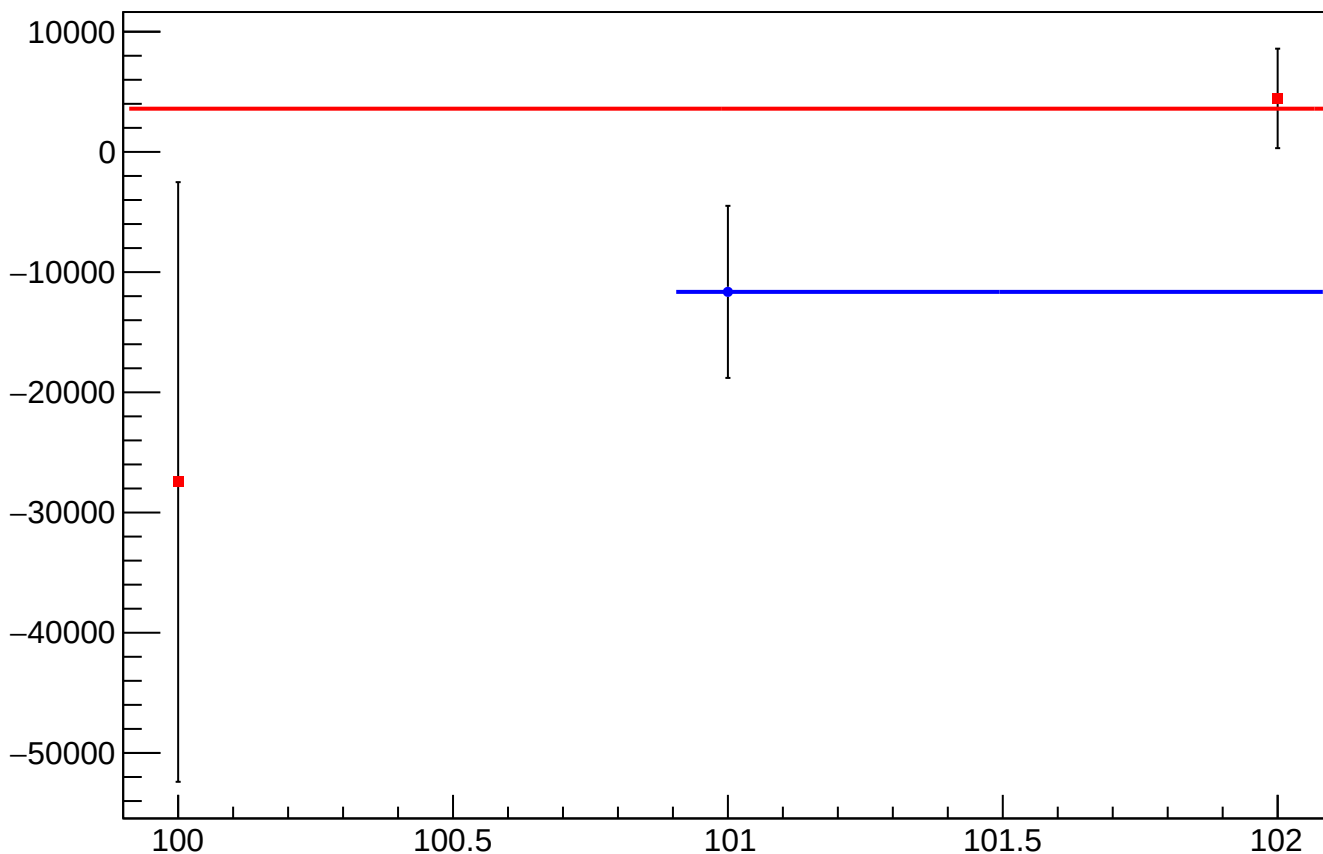
Right: 1865.194 $\pm$ 1.183 χ^2 /NDF: 46463.8/2

In: 1685.968 $\pm$ 1.473 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1865.194 $\pm$ 1.183 χ^2 /NDF: 46463.8/2

eigen_cor_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -11643.607+/-7157.926 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3596.268+/-4082.043 χ^2/NDF : 1.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

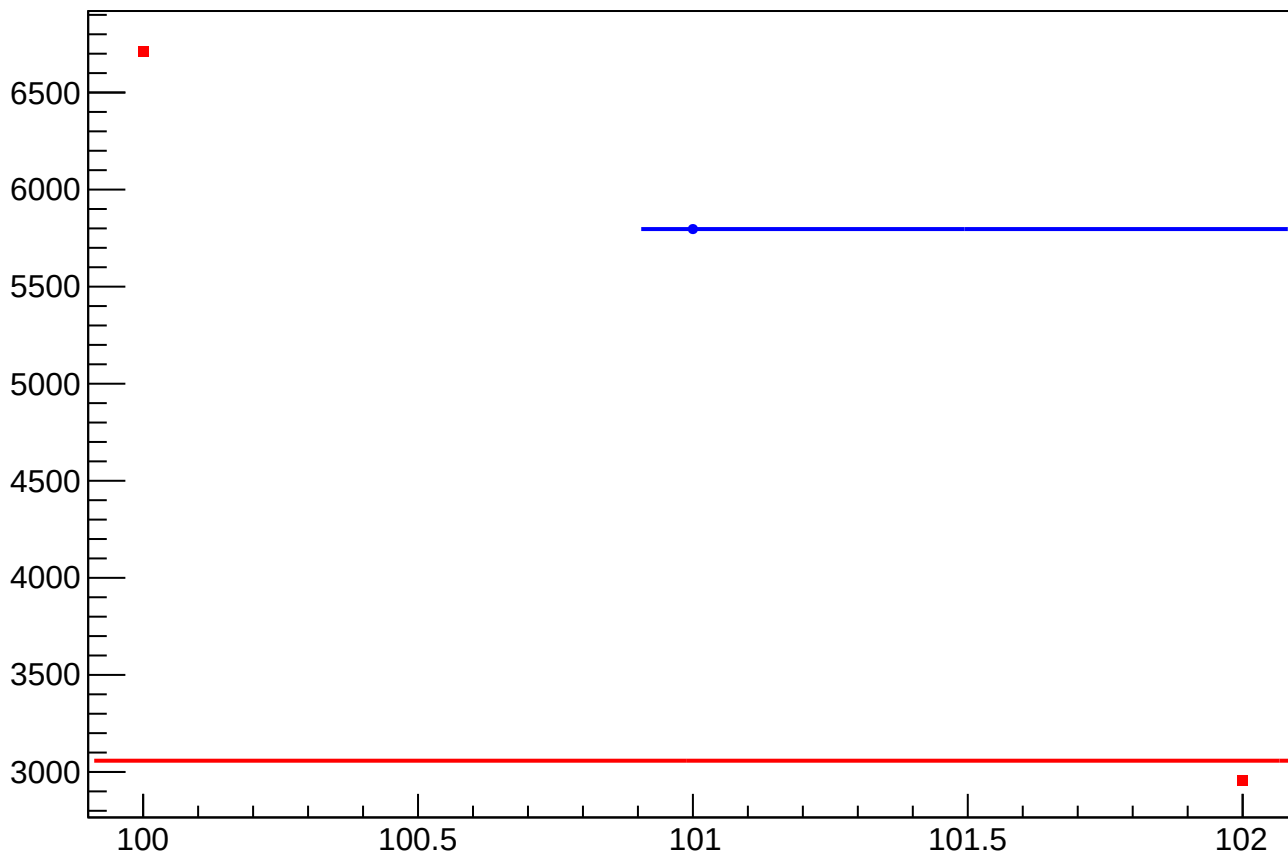
Right: -143.747+/-3545.955 χ^2/NDF : 5.0/2

In: -11643.607+/-7157.926 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -143.747+/-3545.955 χ^2/NDF : 5.0/2

eigen_cor_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 5796.621+/-5.061 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3058.054+/-2.886 χ^2/NDF : 44137.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

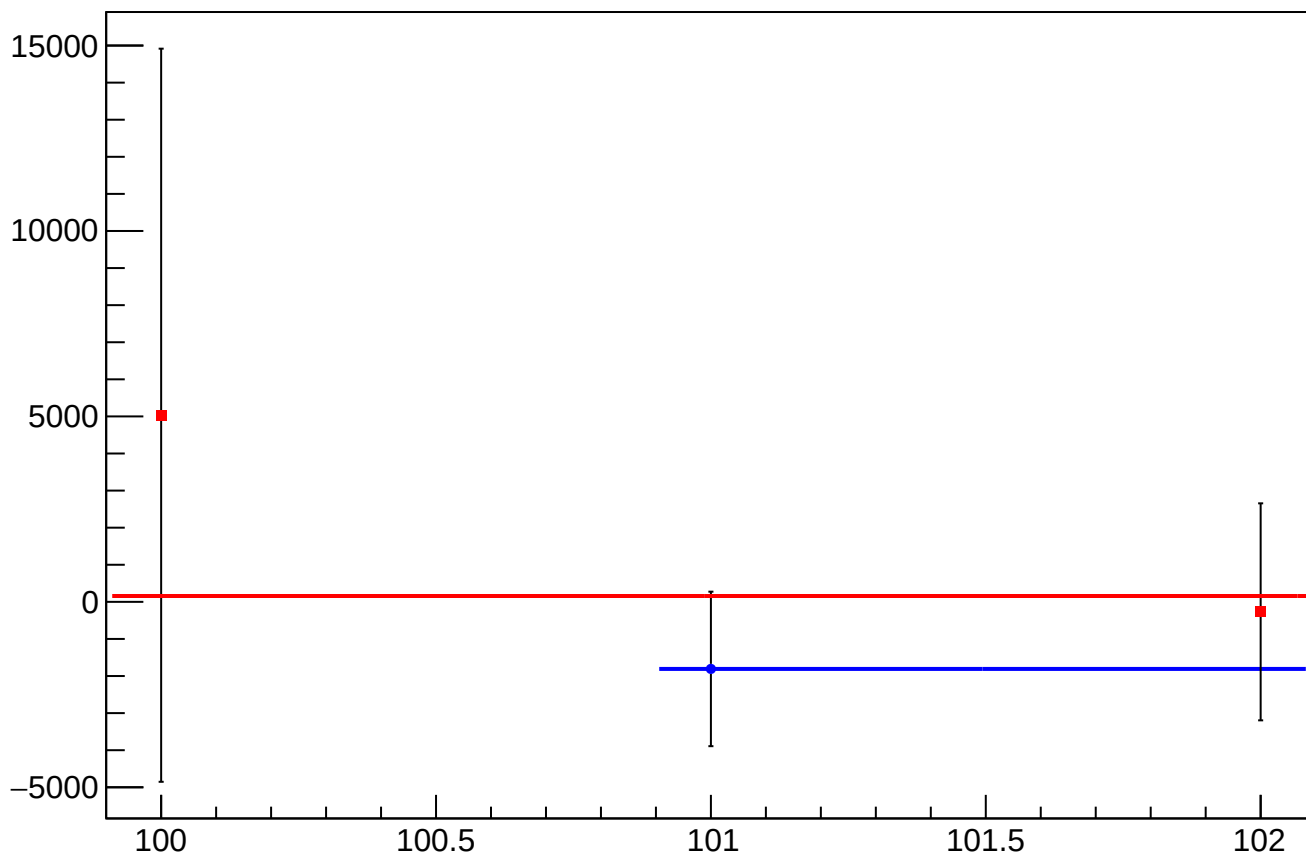
Right: 3730.042+/-2.507 χ^2/NDF : 265055.0/2

In: 5796.621+/-5.061 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3730.042+/-2.507 χ^2/NDF : 265055.0/2

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1808.568+/-2082.929 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 157.714+/-2805.388 χ^2 /NDF: 0.3/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

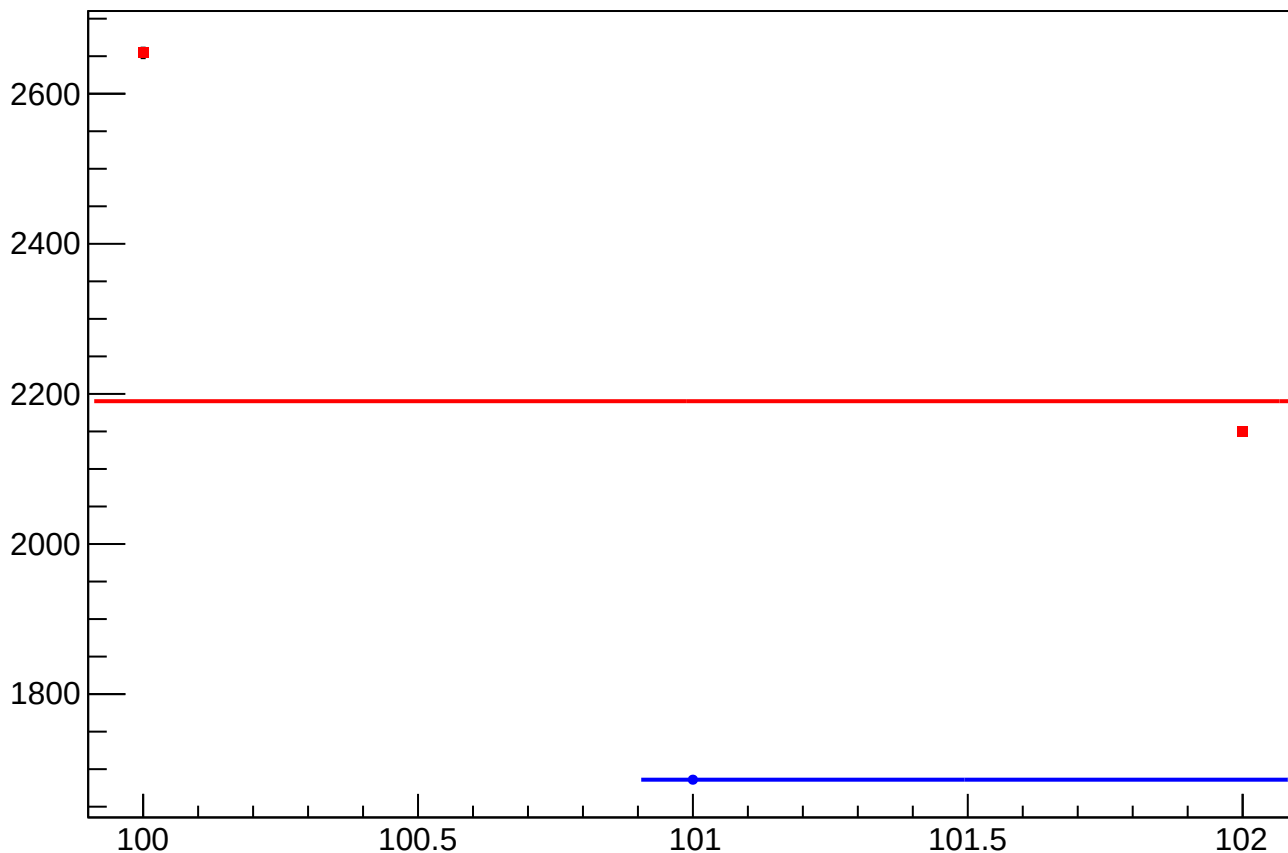
Right: -1109.818+/-1672.365 χ^2 /NDF: 0.6/2

In: -1808.568+/-2082.929 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1109.818+/-1672.365 χ^2 /NDF: 0.6/2

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1685.968 $\pm$ 1.473 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2190.310 $\pm$ 1.984 χ^2 /NDF: 4795.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

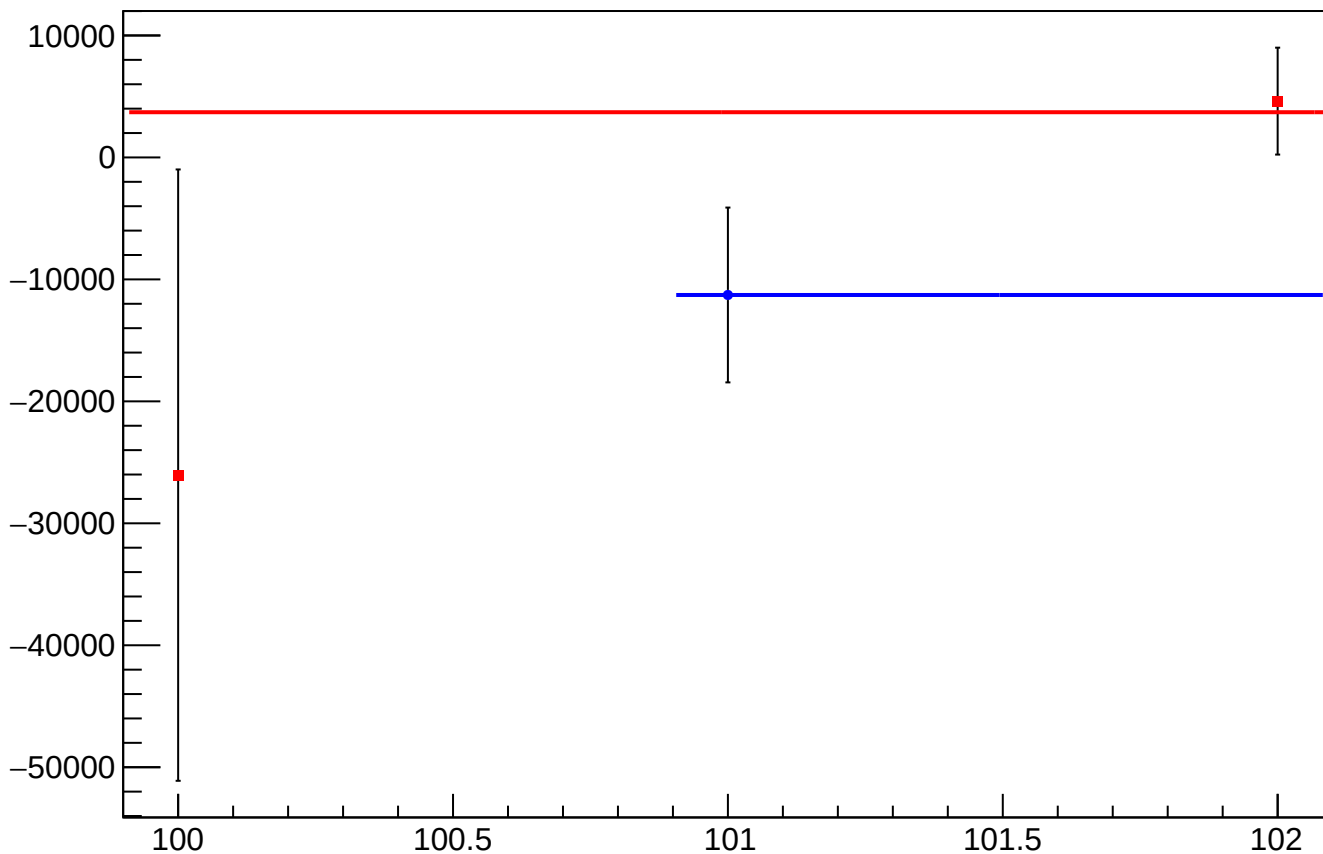
Right: 1865.194 $\pm$ 1.183 χ^2 /NDF: 46463.8/2

In: 1685.968 $\pm$ 1.473 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1865.194 $\pm$ 1.183 χ^2 /NDF: 46463.8/2

dit_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -11278.334+/-7167.230 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3707.031+/-4317.287 χ^2/NDF : 1.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

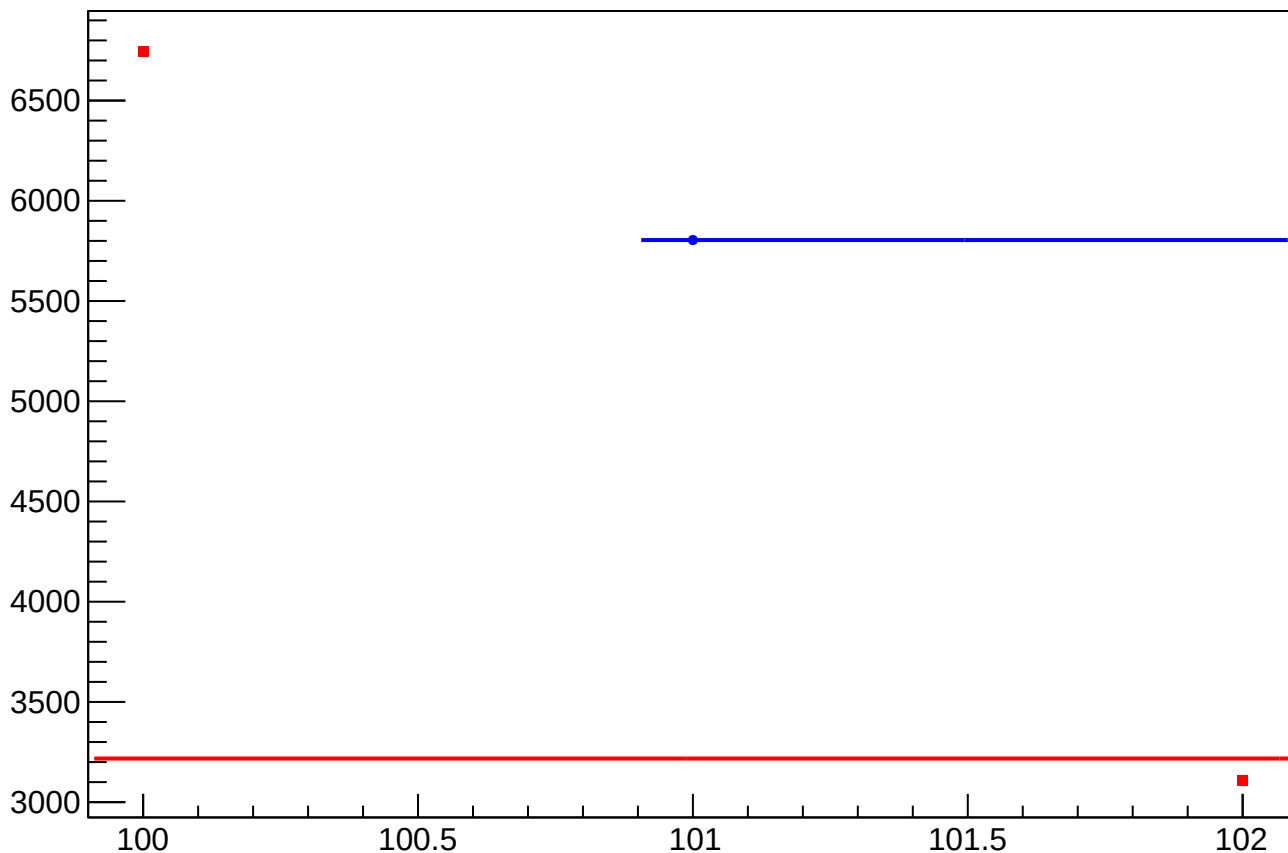
Right: -282.673+/-3698.179 χ^2/NDF : 4.7/2

In: -11278.334+/-7167.230 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -282.673+/-3698.179 χ^2/NDF : 4.7/2

dit_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 5804.156+/-5.068 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3217.597+/-3.053 χ^2/NDF : 40852.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

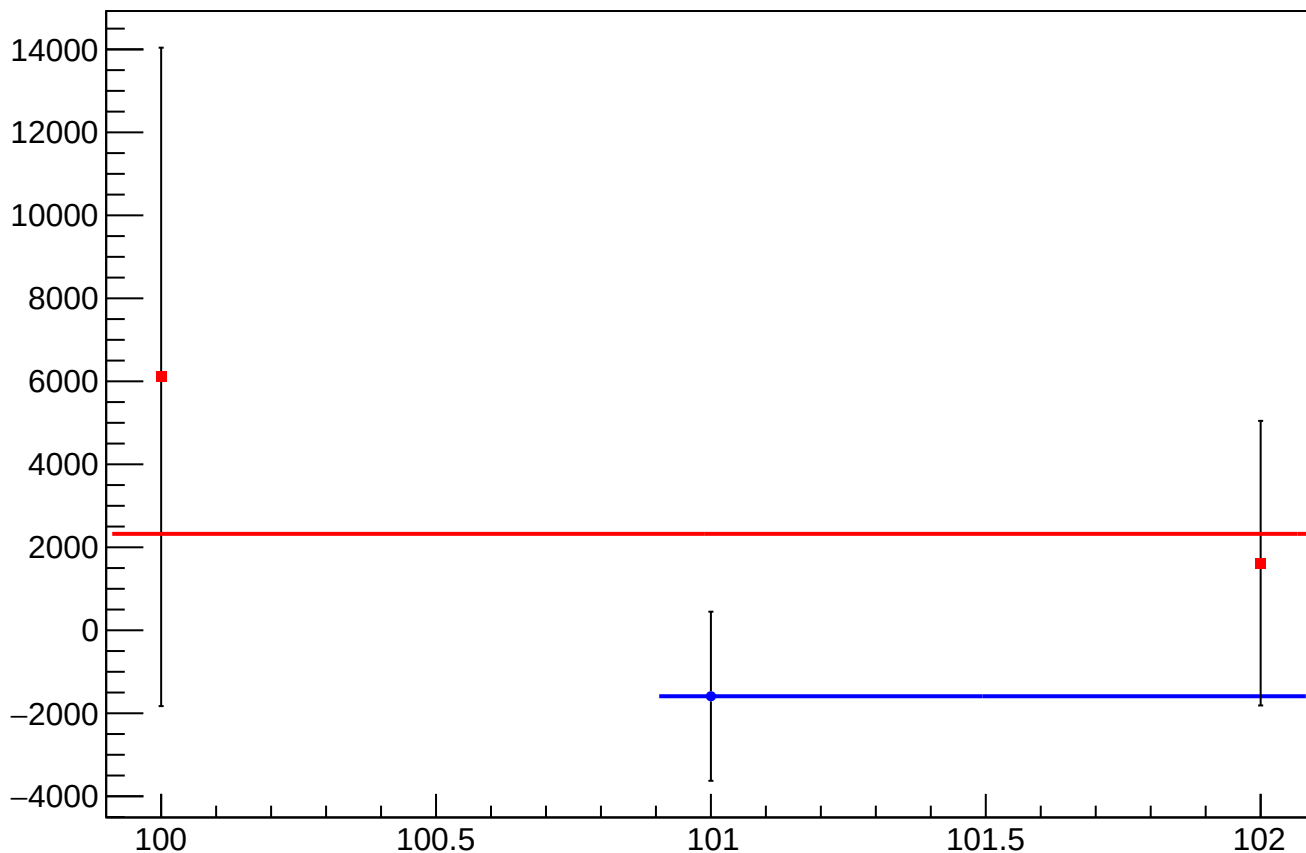
Right: 3906.150+/-2.615 χ^2/NDF : 231991.0/2

In: 5804.156+/-5.068 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3906.150+/-2.615 χ^2/NDF : 231991.0/2

asym_us_dd_at1lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1589.443+/-2037.699 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2324.428+/-3147.873 χ^2/NDF : 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

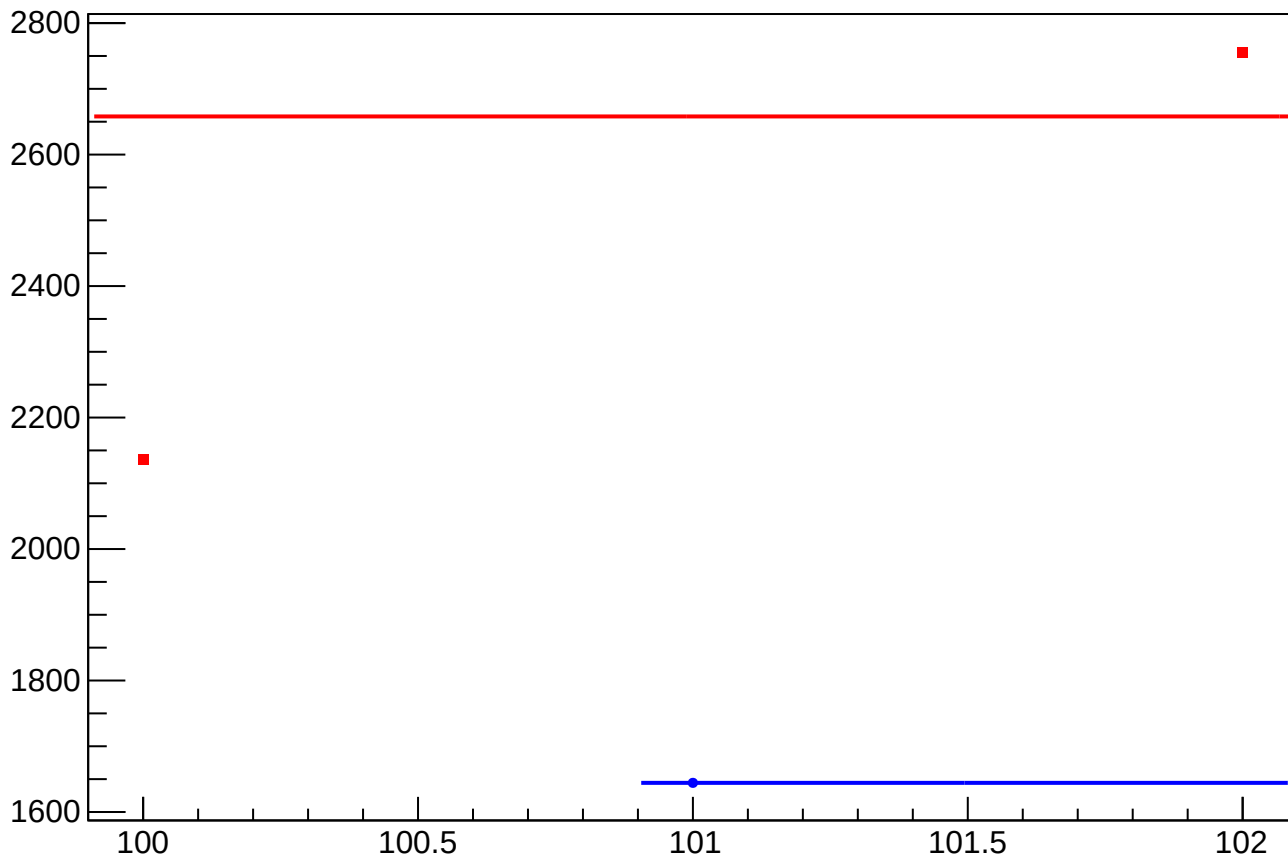
Right: -433.702+/-1710.583 χ^2/NDF : 1.4/2

In: -1589.443+/-2037.699 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -433.702+/-1710.583 χ^2/NDF : 1.4/2

asym_us_dd_at1lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1644.342+/-1.441 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2658.017+/-2.226 χ^2 /NDF: 10296.0/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

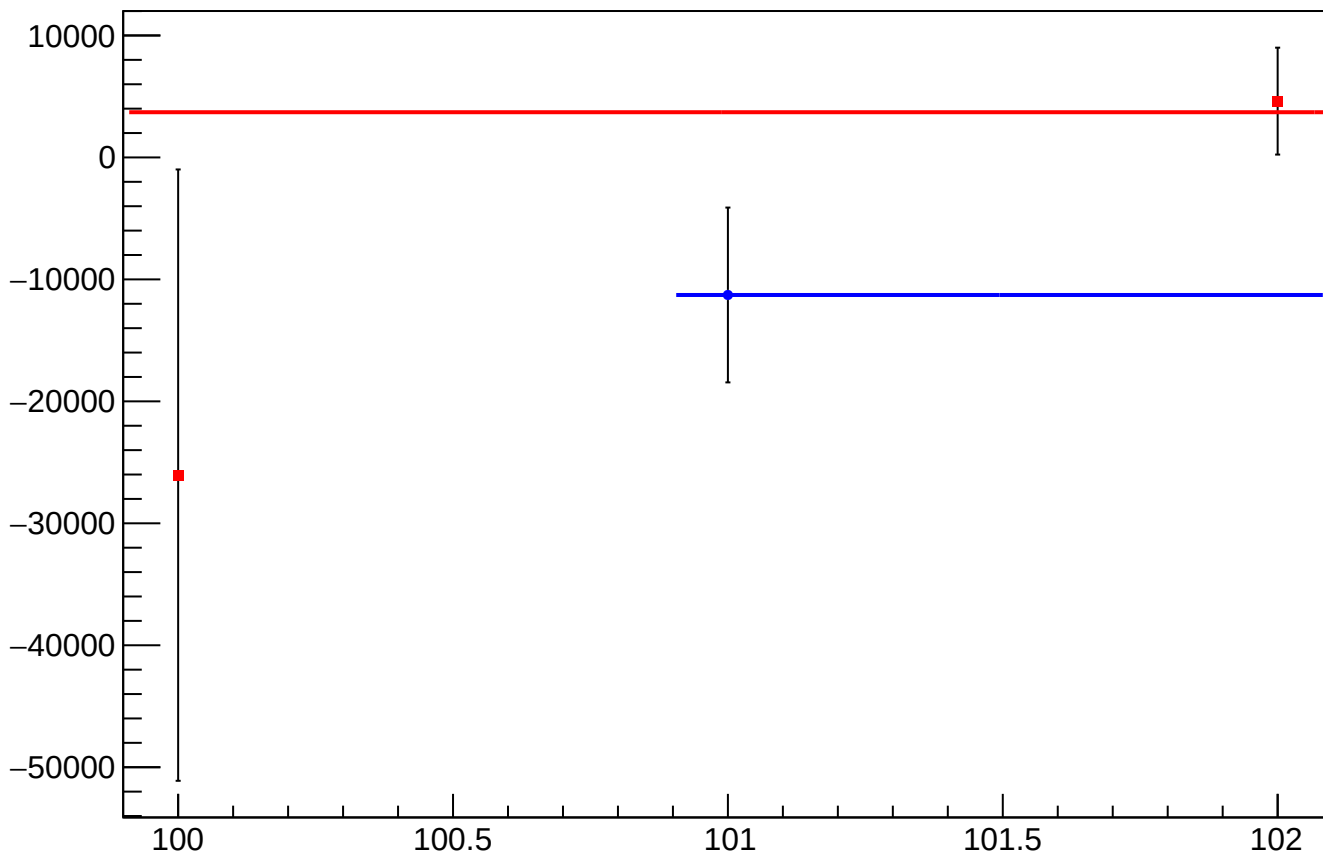
Right: 1943.674+/-1.210 χ^2 /NDF: 156446.8/2

In: 1644.342+/-1.441 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1943.674+/-1.210 χ^2 /NDF: 156446.8/2

eigen_dit_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -11278.340+/-7167.230 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3707.028+/-4317.286 χ^2/NDF : 1.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

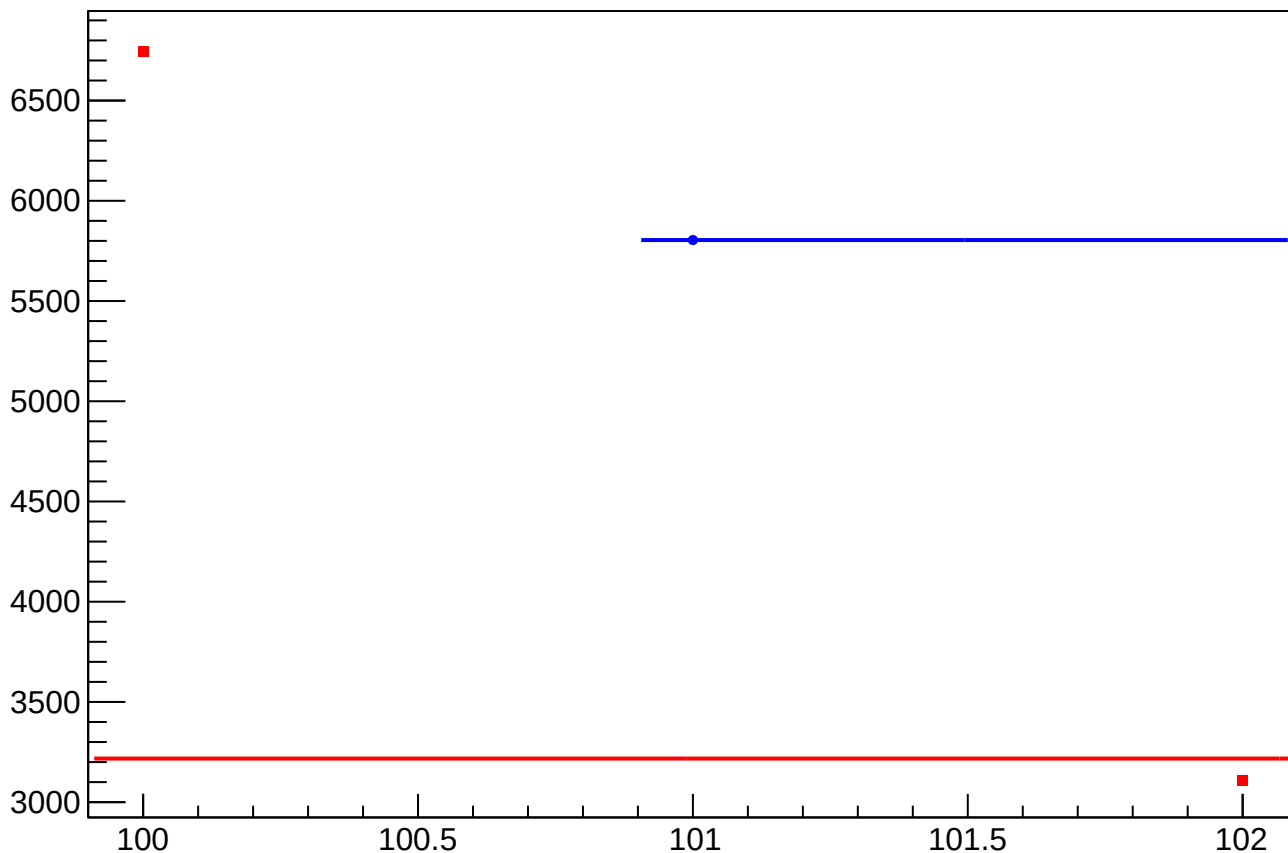
Right: -282.674+/-3698.179 χ^2/NDF : 4.7/2

In: -11278.340+/-7167.230 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -282.674+/-3698.179 χ^2/NDF : 4.7/2

eigen_dit_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 5804.156+/-5.068 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3217.596+/-3.053 χ^2/NDF : 40852.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

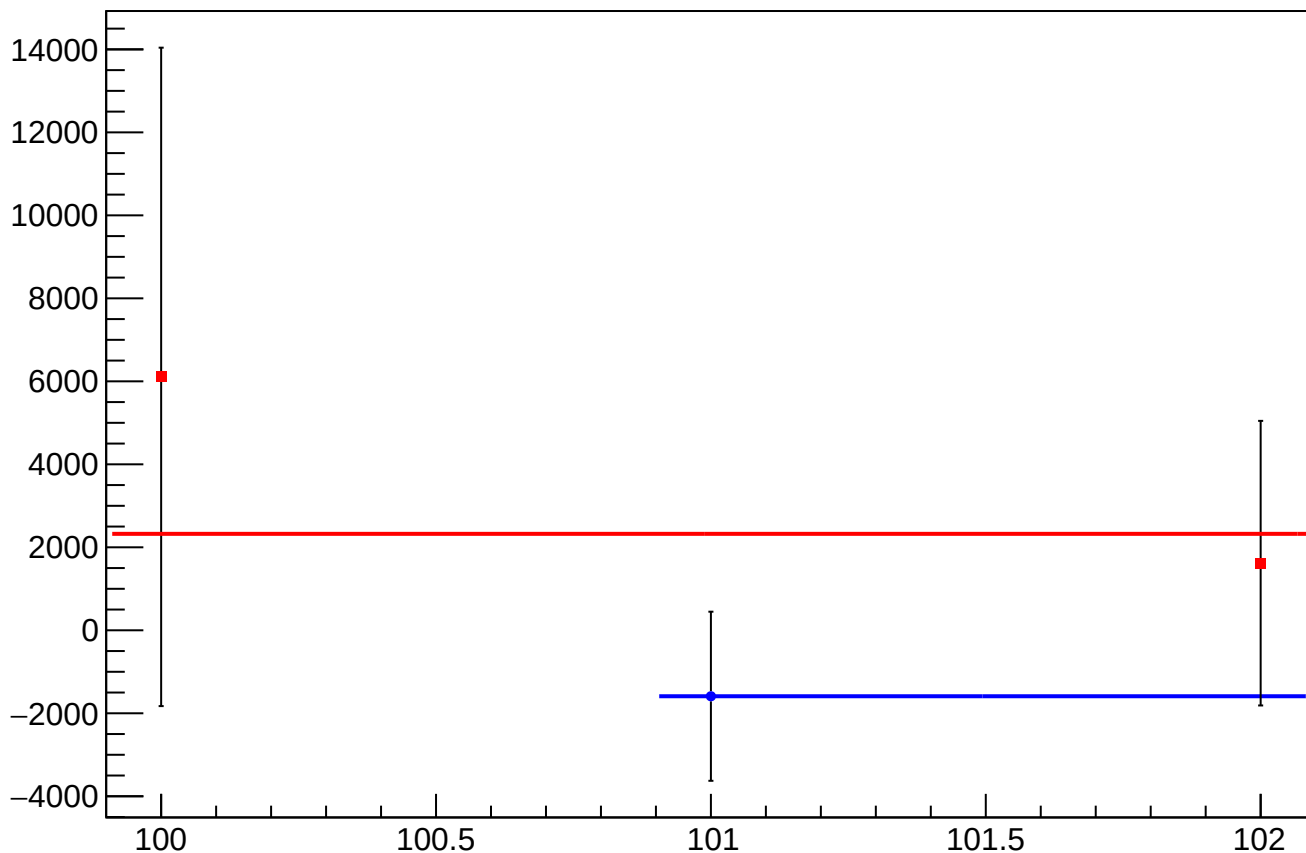
Right: 3906.149+/-2.615 χ^2/NDF : 231991.2/2

In: 5804.156+/-5.068 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3906.149+/-2.615 χ^2/NDF : 231991.2/2

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1589.448+/-2037.699 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2324.436+/-3147.876 χ^2/NDF : 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

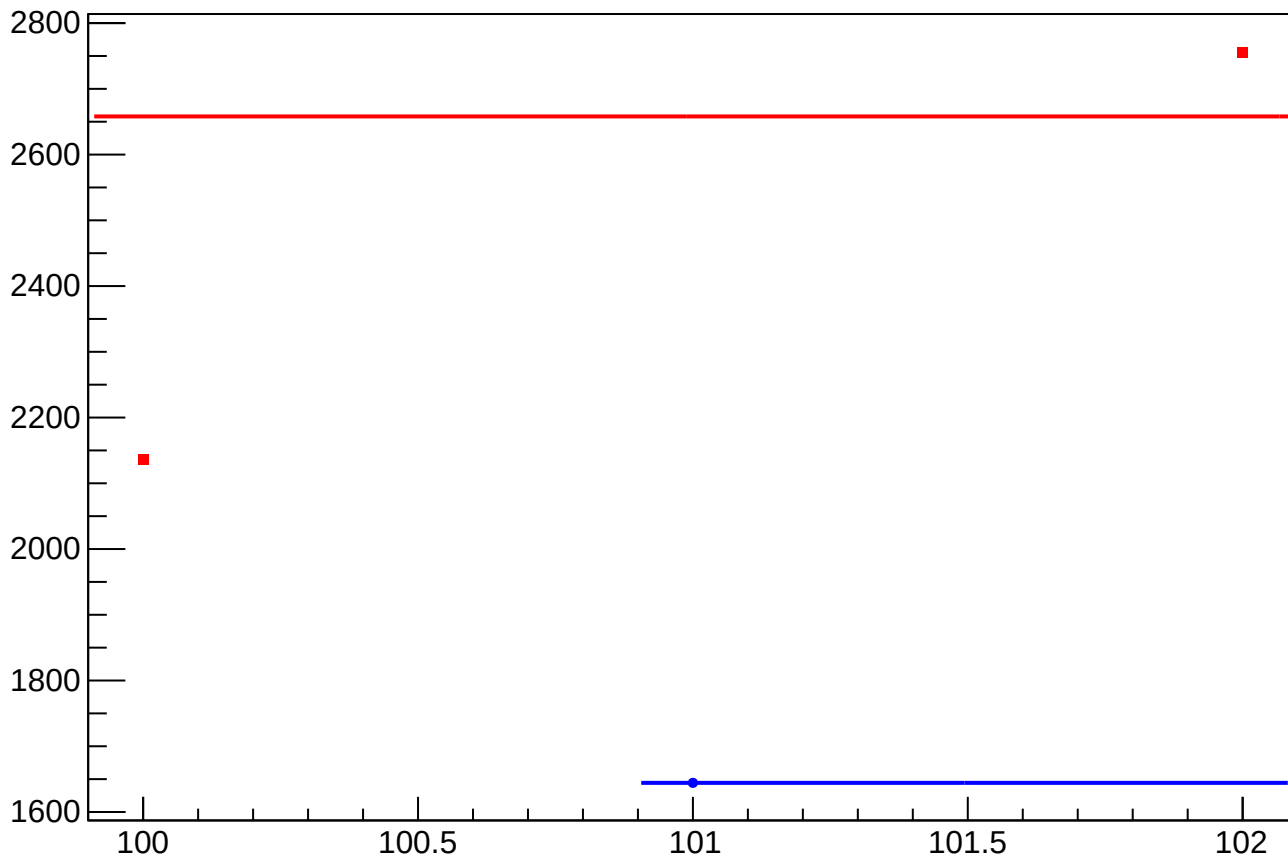
Right: -433.705+/-1710.584 χ^2/NDF : 1.4/2

In: -1589.448+/-2037.699 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -433.705+/-1710.584 χ^2/NDF : 1.4/2

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1644.342+/-1.441 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2658.020+/-2.226 χ^2/NDF : 10296.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

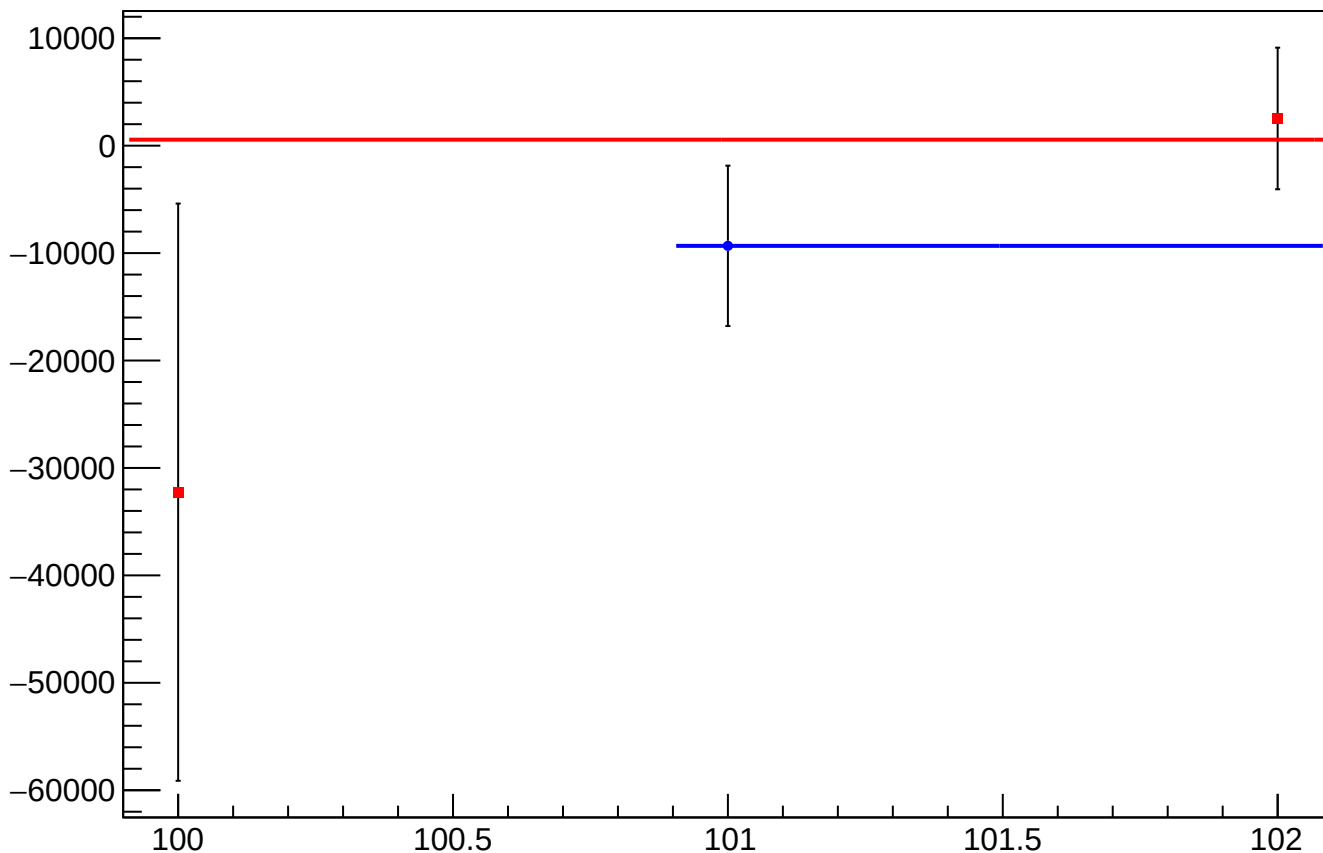
Right: 1943.674+/-1.210 χ^2/NDF : 156447.4/2

In: 1644.342+/-1.441 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1943.674+/-1.210 χ^2/NDF : 156447.4/2

asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -9325.930+/-7462.994 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 558.040+/-6400.107 χ^2/NDF : 1.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

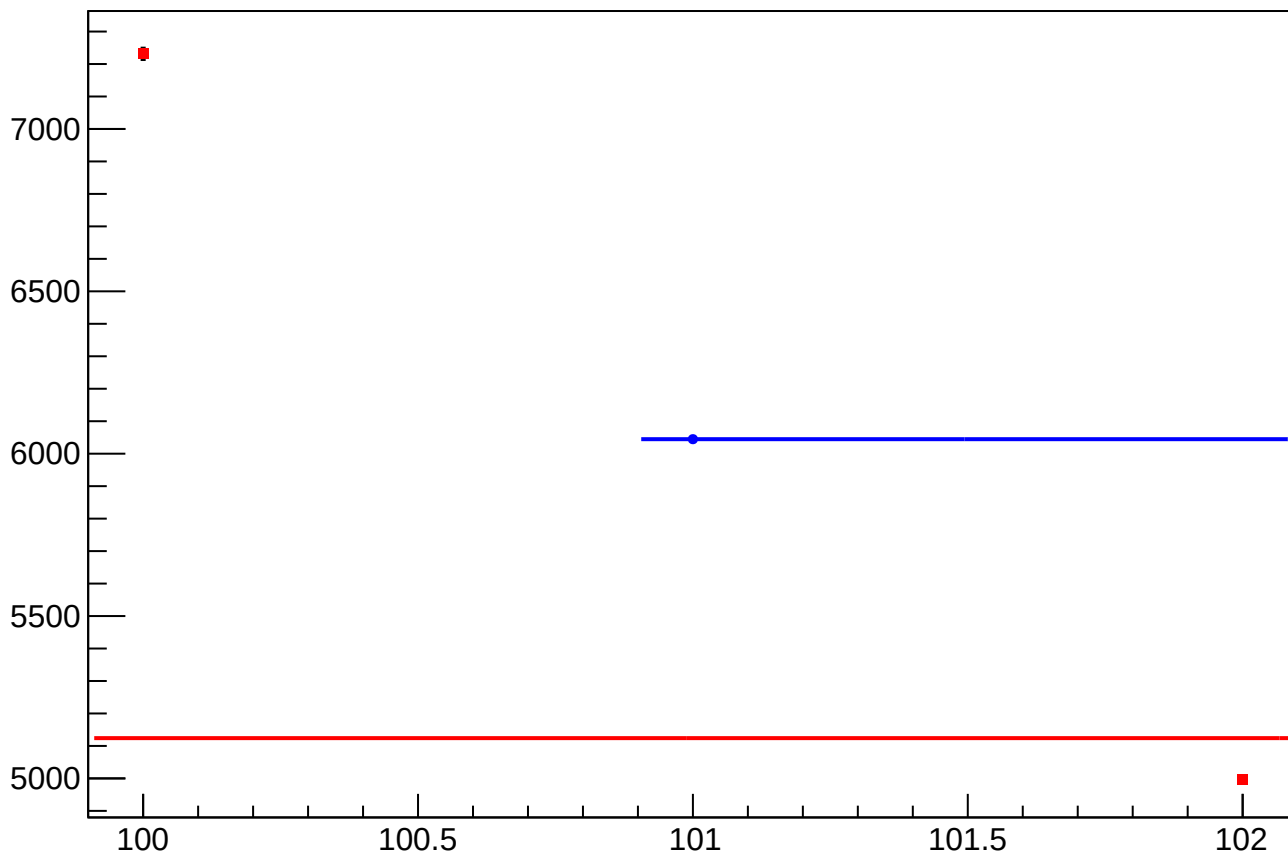
Right: -3630.568+/-4858.276 χ^2/NDF : 2.6/2

In: -9325.930+/-7462.994 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3630.568+/-4858.276 χ^2/NDF : 2.6/2

asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 6044.672+/-5.277 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5124.040+/-4.525 χ^2/NDF : 13045.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

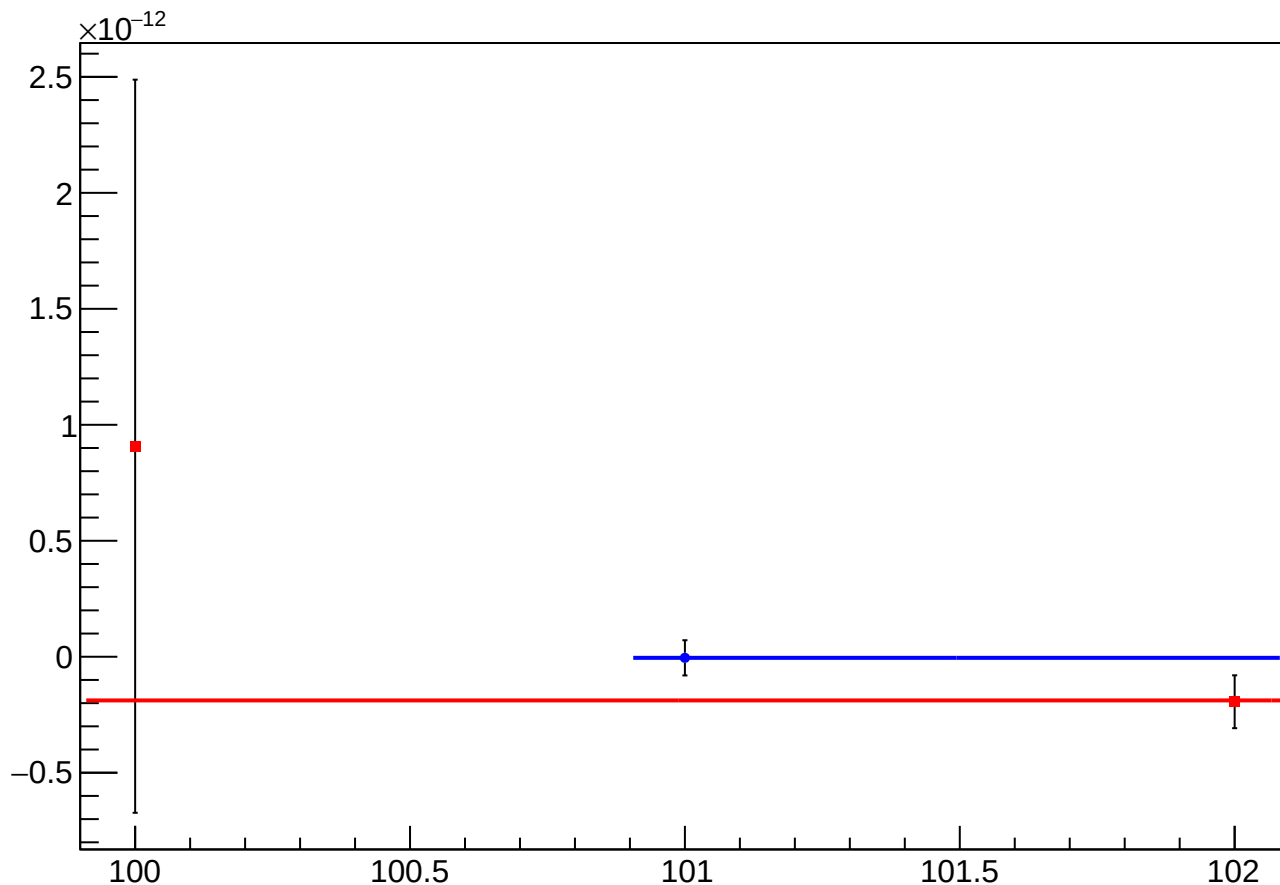
Right: 5514.094+/-3.435 χ^2/NDF : 30585.8/2

In: 6044.672+/-5.277 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5514.094+/-3.435 χ^2/NDF : 30585.8/2

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

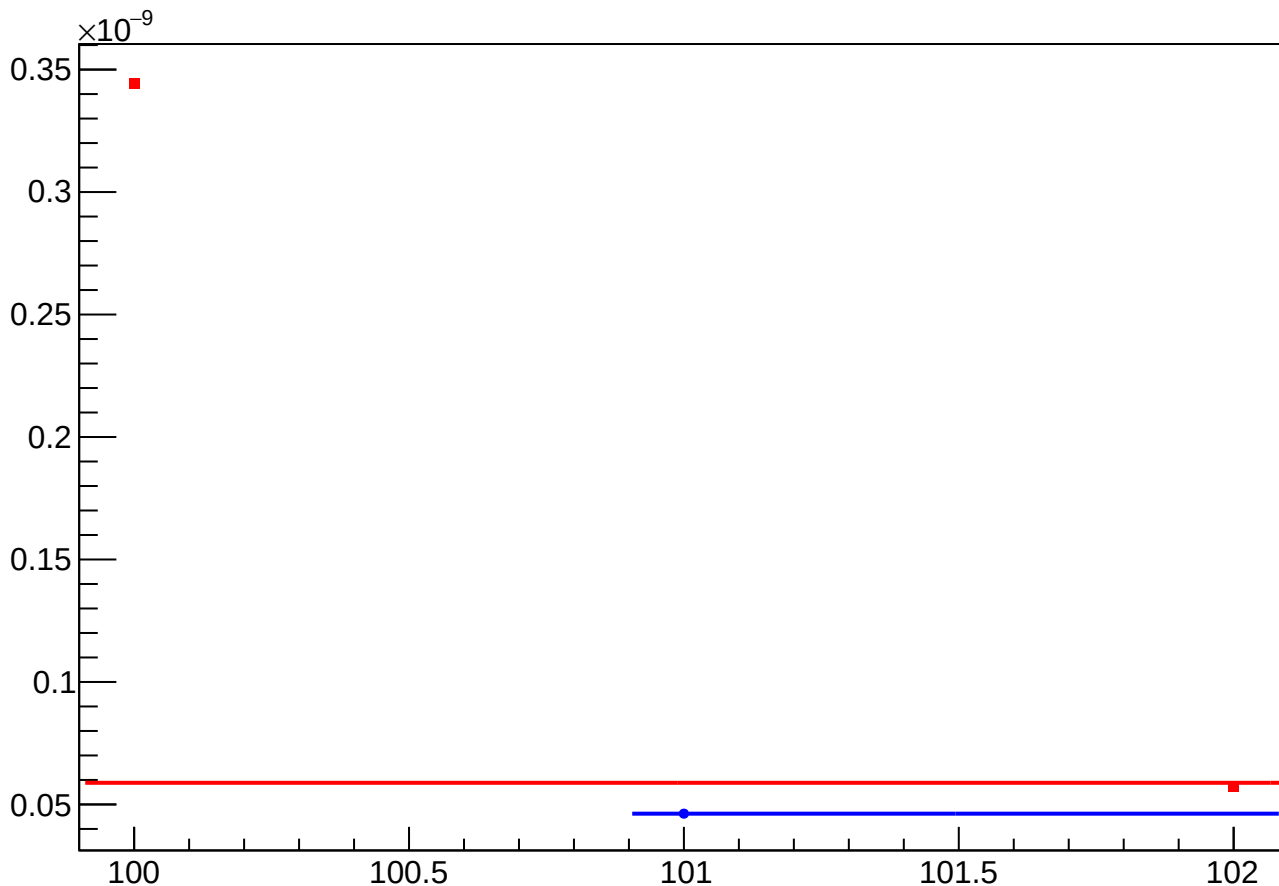
Right: -0.000+/-0.000 χ^2/NDF : 2.3/2

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 : 2.3/2

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_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 : 65615.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

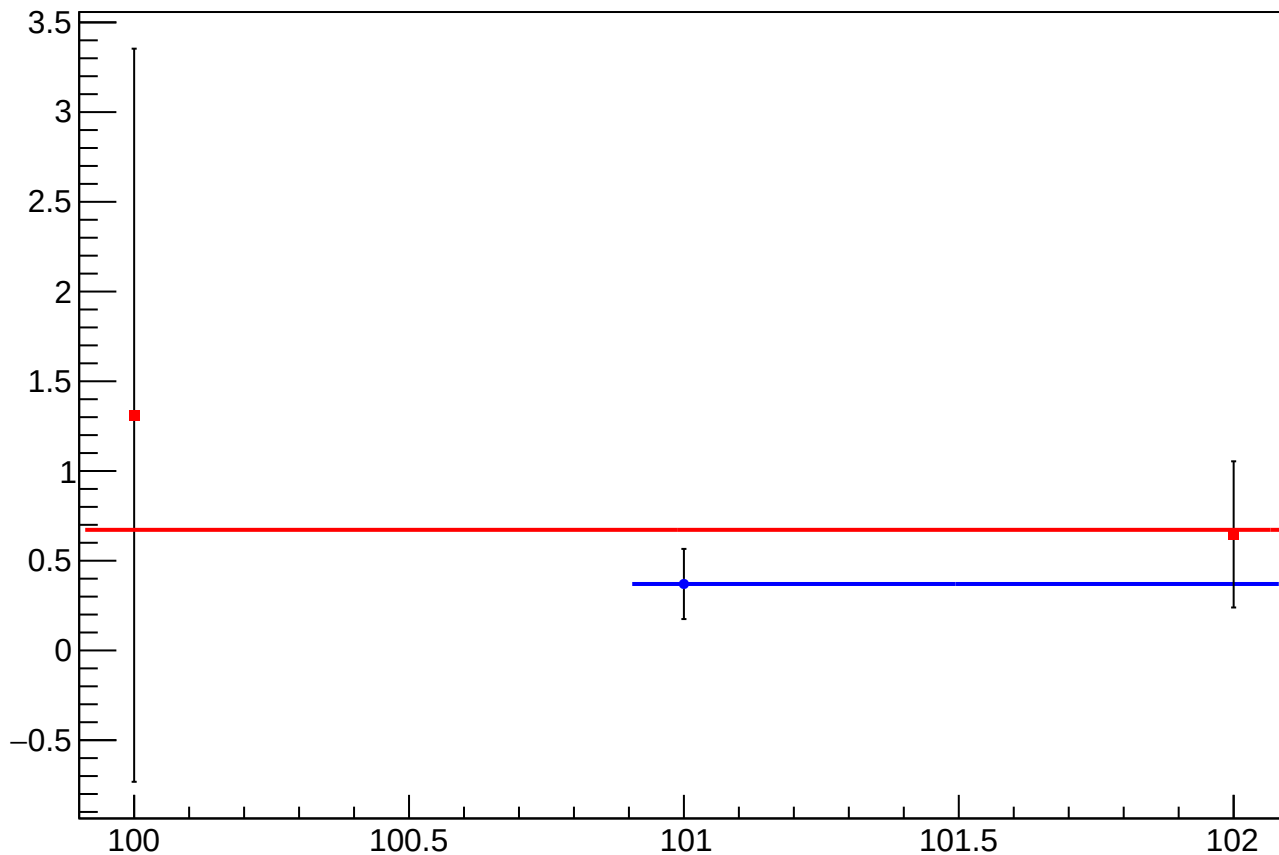
Right: 0.000+/-0.000 χ^2/NDF : 82616.0/2

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 : 82616.0/2

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.370 $\pm$ 0.195 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.672 $\pm$ 0.399 χ^2/NDF : 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

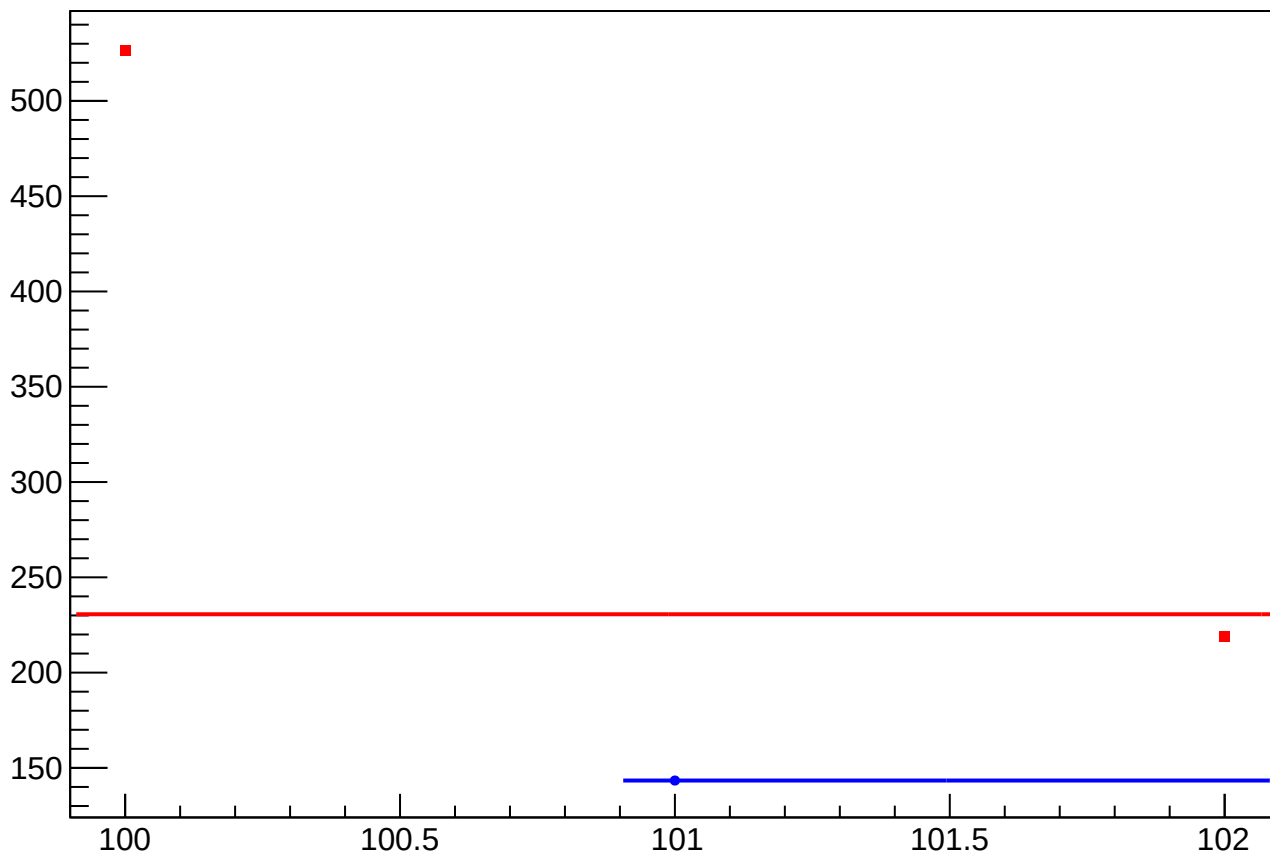
Right: 0.429 $\pm$ 0.176 χ^2/NDF : 0.6/2

In: 0.370 $\pm$ 0.195 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.429 $\pm$ 0.176 χ^2/NDF : 0.6/2

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 143.369+/-0.138 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 230.620+/-0.282 χ^2/NDF : 43623.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

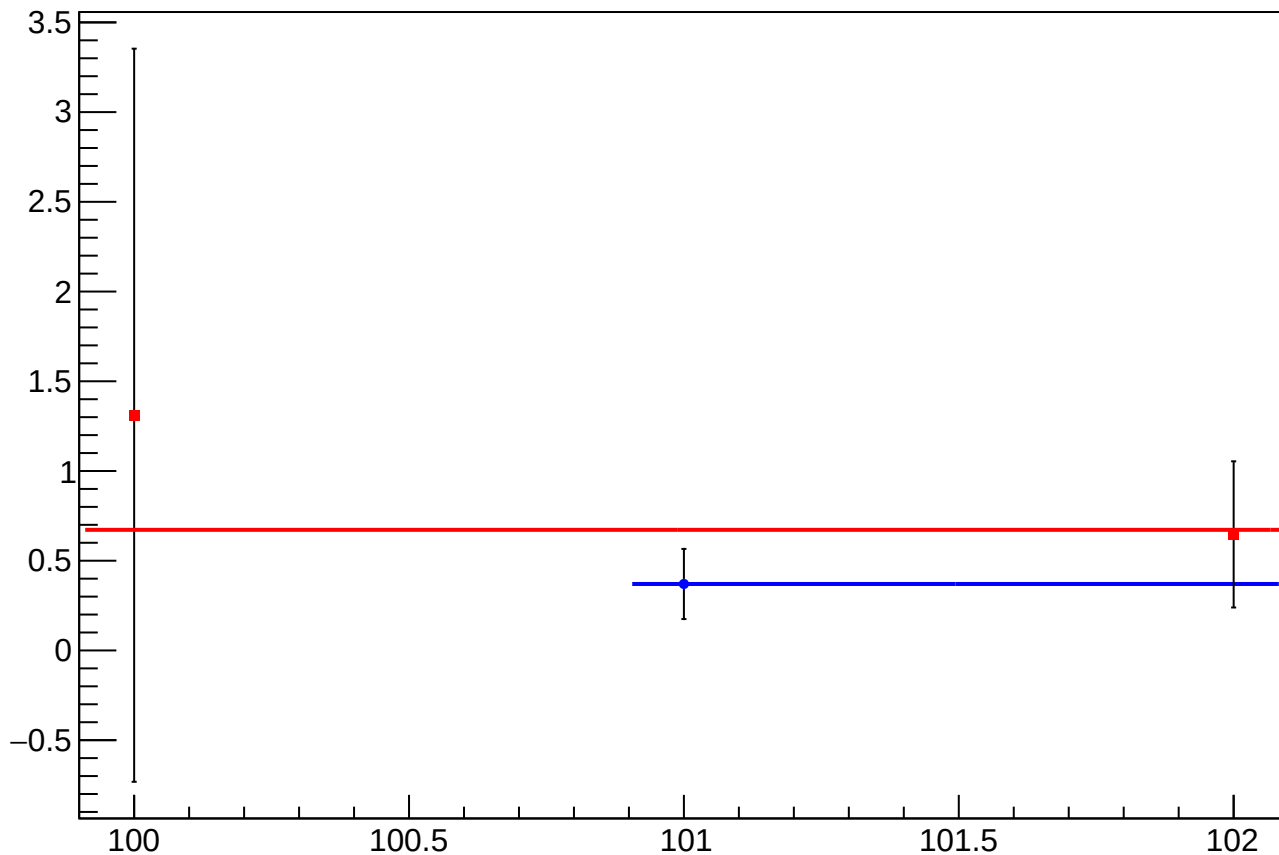
Right: 160.226+/-0.124 χ^2/NDF : 120607.8/2

In: 143.369+/-0.138 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.226+/-0.124 χ^2/NDF : 120607.8/2

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.370 $\pm$ 0.195 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.672 $\pm$ 0.399 χ^2/NDF : 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

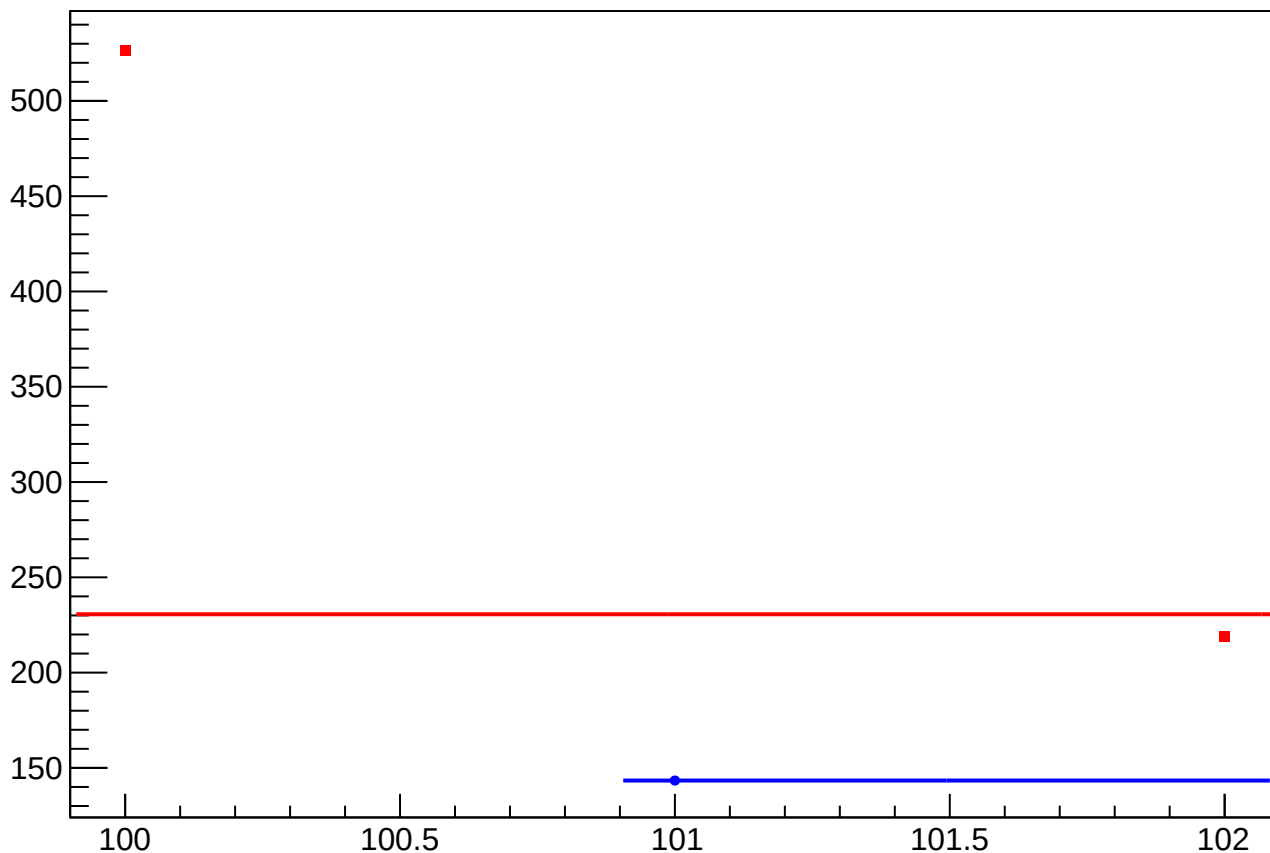
Right: 0.429 $\pm$ 0.176 χ^2/NDF : 0.6/2

In: 0.370 $\pm$ 0.195 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.429 $\pm$ 0.176 χ^2/NDF : 0.6/2

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 143.369+/-0.138 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 230.620+/-0.282 χ^2/NDF : 43623.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

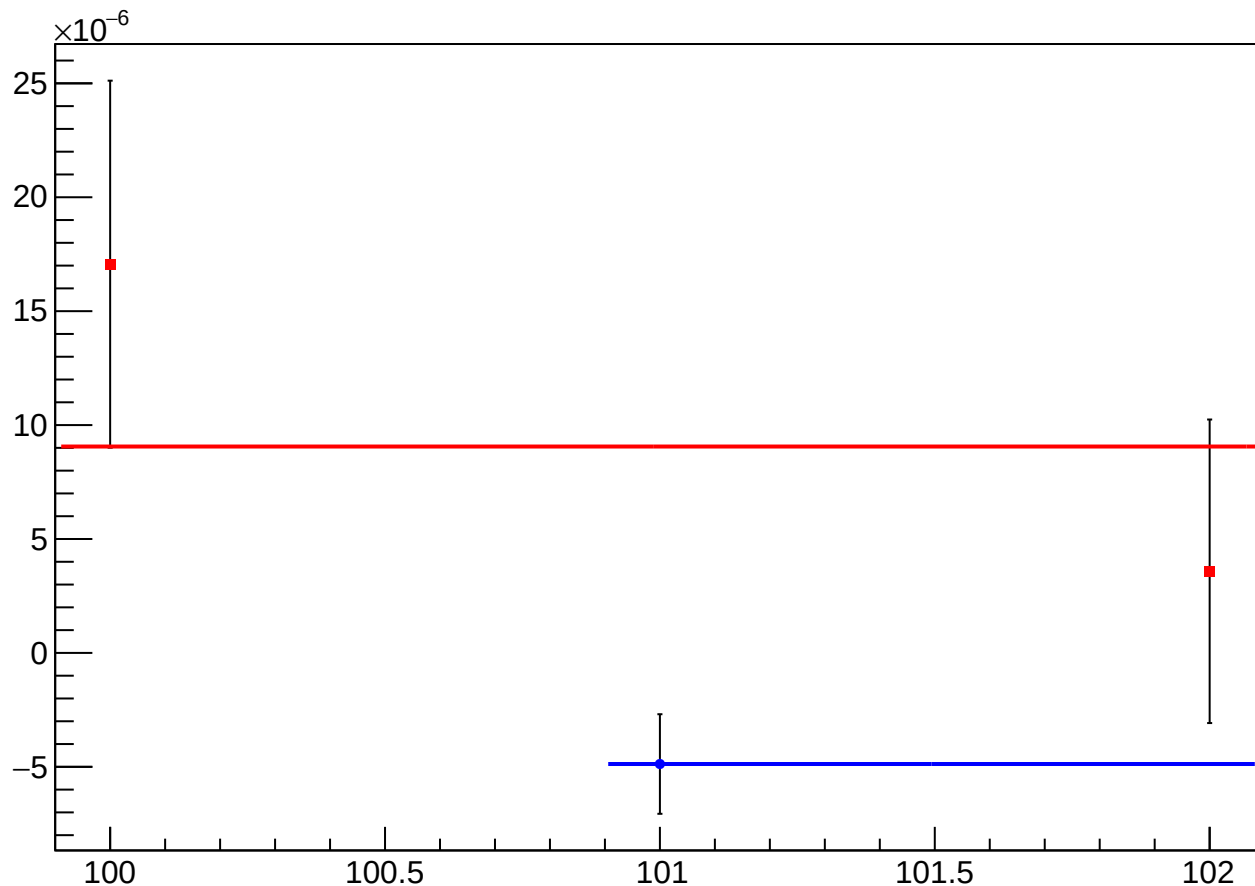
Right: 160.226+/-0.124 χ^2/NDF : 120607.8/2

In: 143.369+/-0.138 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.226+/-0.124 χ^2/NDF : 120607.8/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

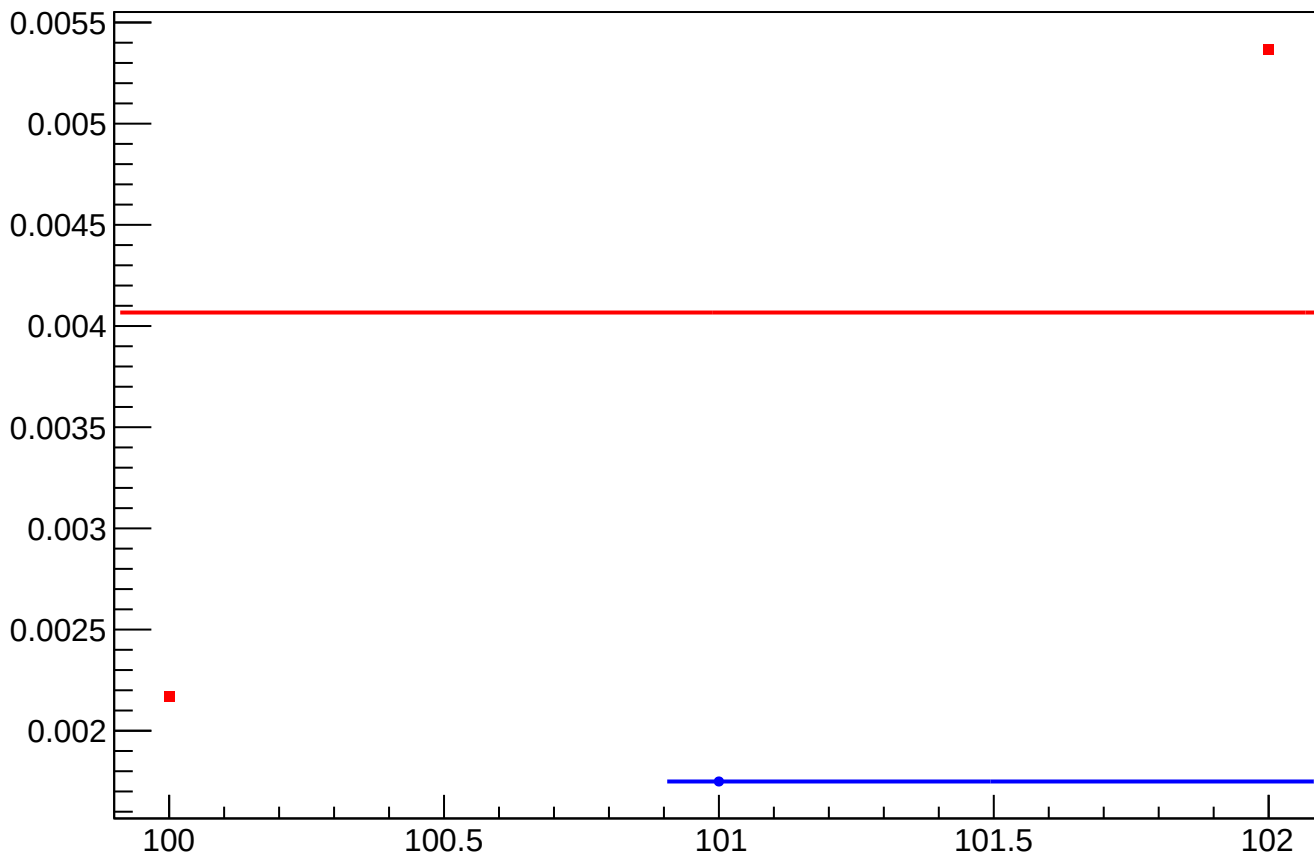
Right: -0.000+/-0.000 χ^2/NDF : 7.9/2

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 : 7.9/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 187242.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

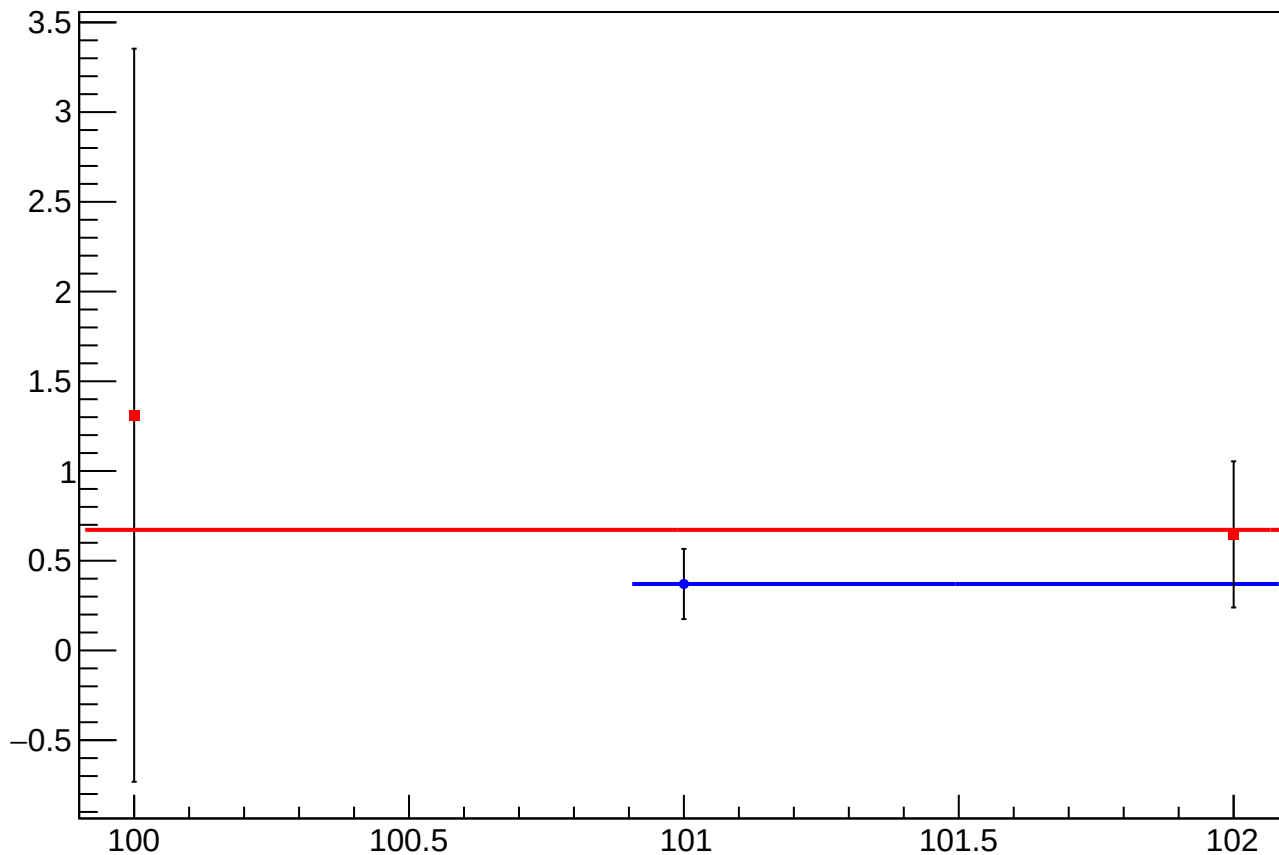
Right: 0.002+/-0.000 χ^2/NDF : 532309.1/2

In: 0.002+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 532309.1/2

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.370 $\pm$ 0.195 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.672 $\pm$ 0.399 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

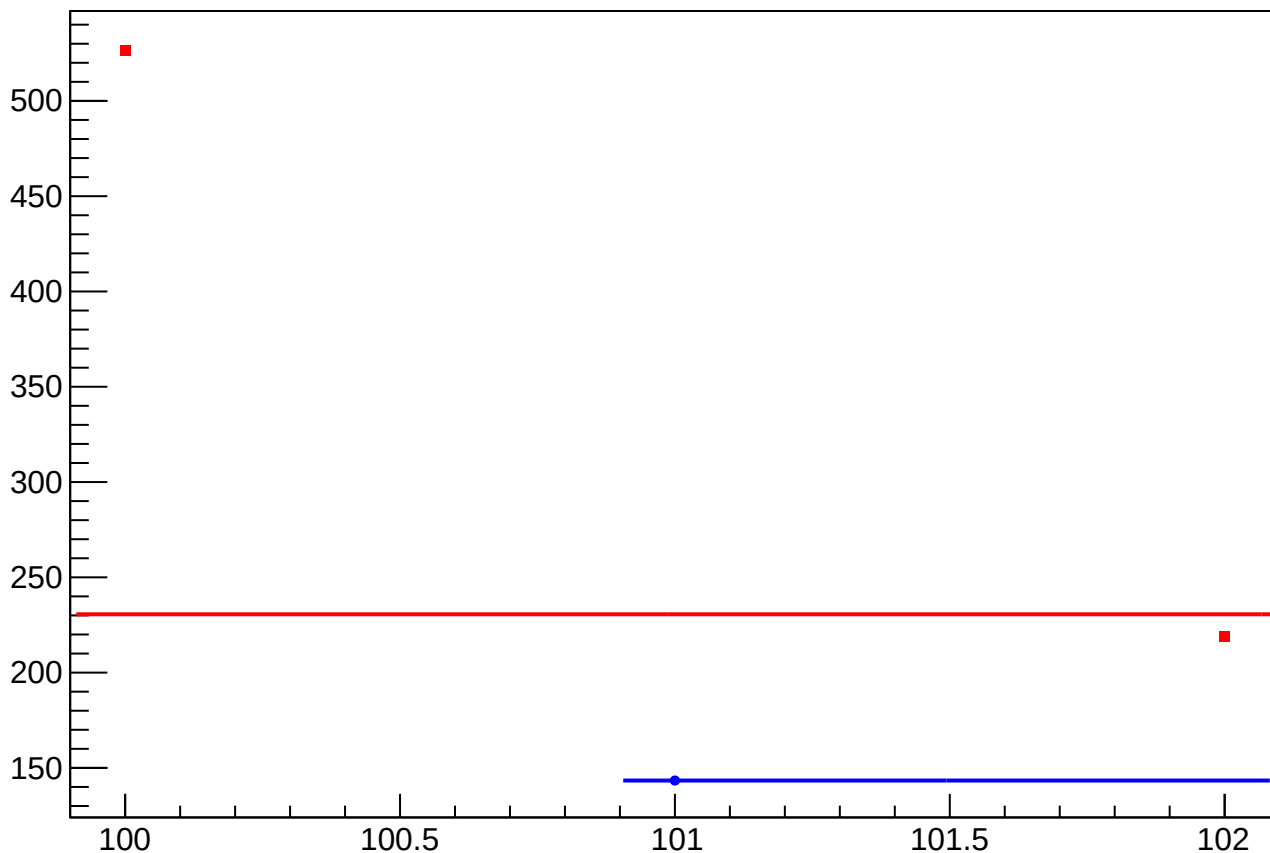
Right: 0.429 $\pm$ 0.176 χ^2 /NDF: 0.6/2

In: 0.370 $\pm$ 0.195 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.429 $\pm$ 0.176 χ^2 /NDF: 0.6/2

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 143.369+/-0.138 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 230.613+/-0.282 χ^2/NDF : 43625.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

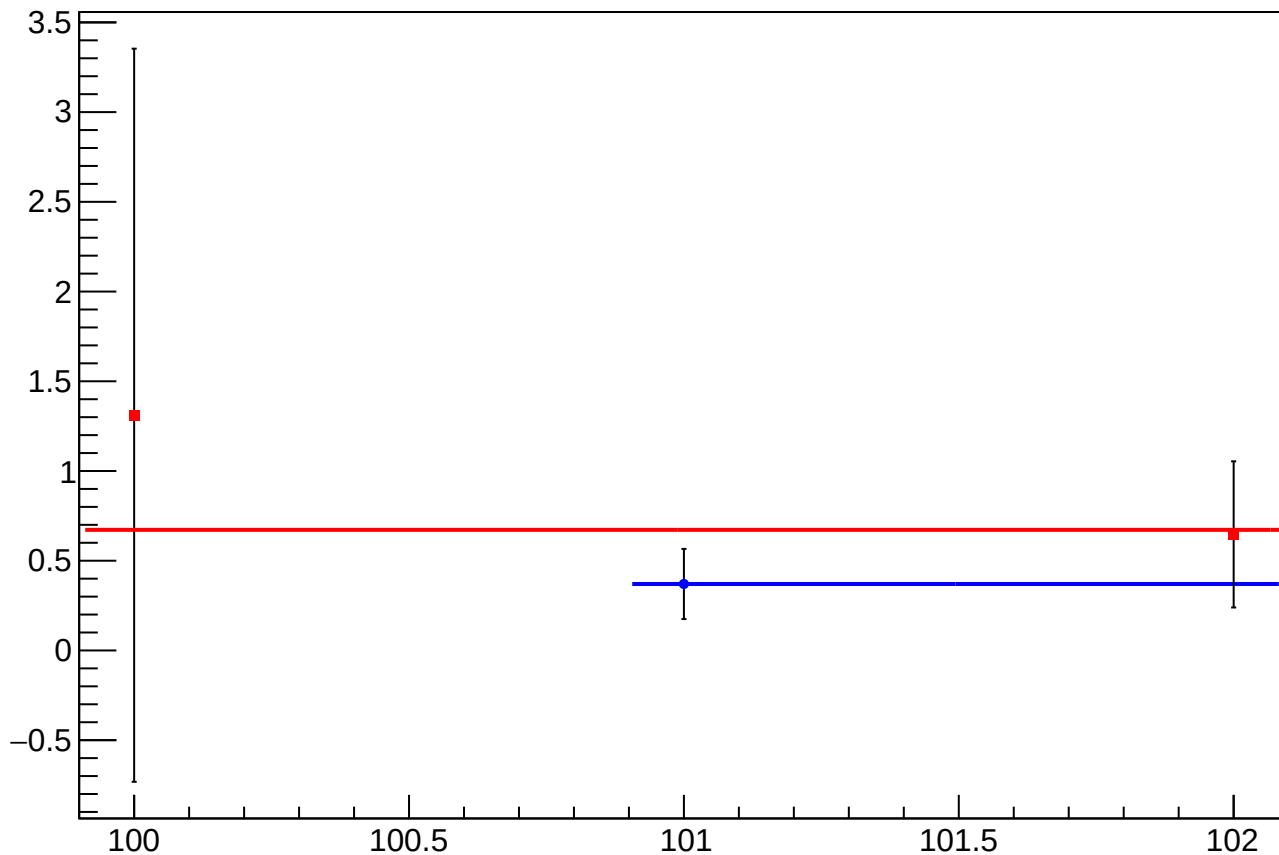
Right: 160.226+/-0.124 χ^2/NDF : 120600.6/2

In: 143.369+/-0.138 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.226+/-0.124 χ^2/NDF : 120600.6/2

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.370 $\pm$ 0.195 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.672 $\pm$ 0.399 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

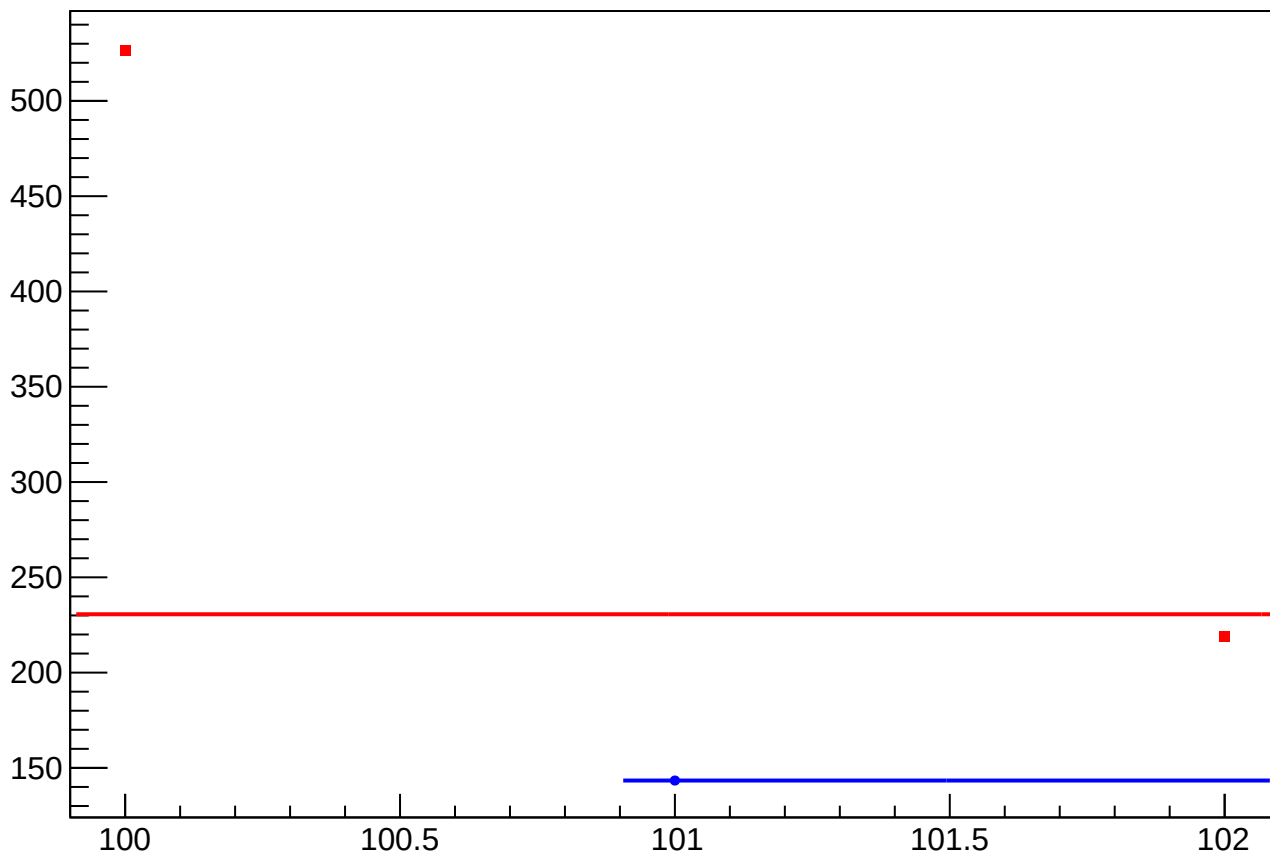
Right: 0.429 $\pm$ 0.176 χ^2 /NDF: 0.6/2

In: 0.370 $\pm$ 0.195 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.429 $\pm$ 0.176 χ^2 /NDF: 0.6/2

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 143.369 $\pm$ 0.138 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 230.613 $\pm$ 0.282 χ^2 /NDF: 43625.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

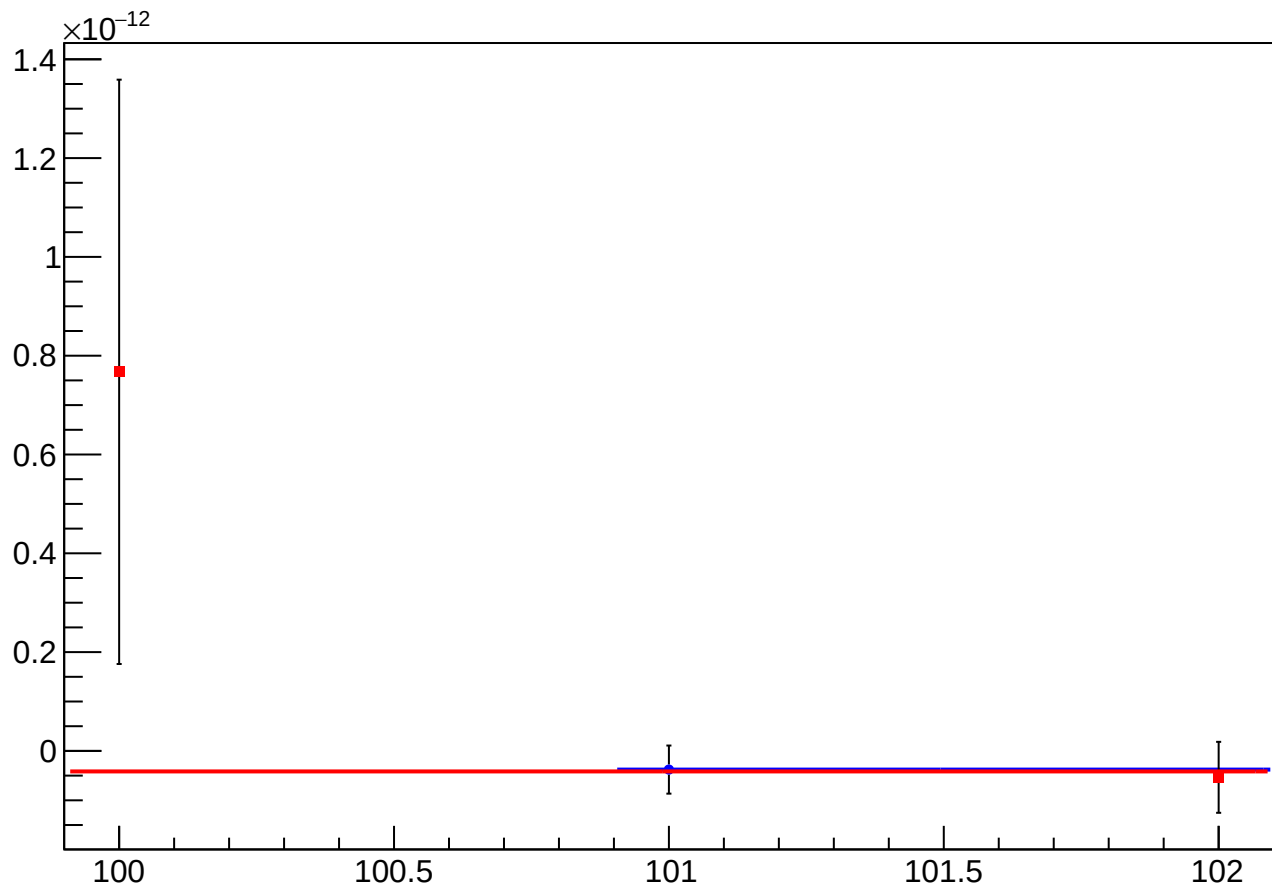
Right: 160.226 $\pm$ 0.124 χ^2 /NDF: 120600.6/2

In: 143.369 $\pm$ 0.138 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 160.226 $\pm$ 0.124 χ^2 /NDF: 120600.6/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

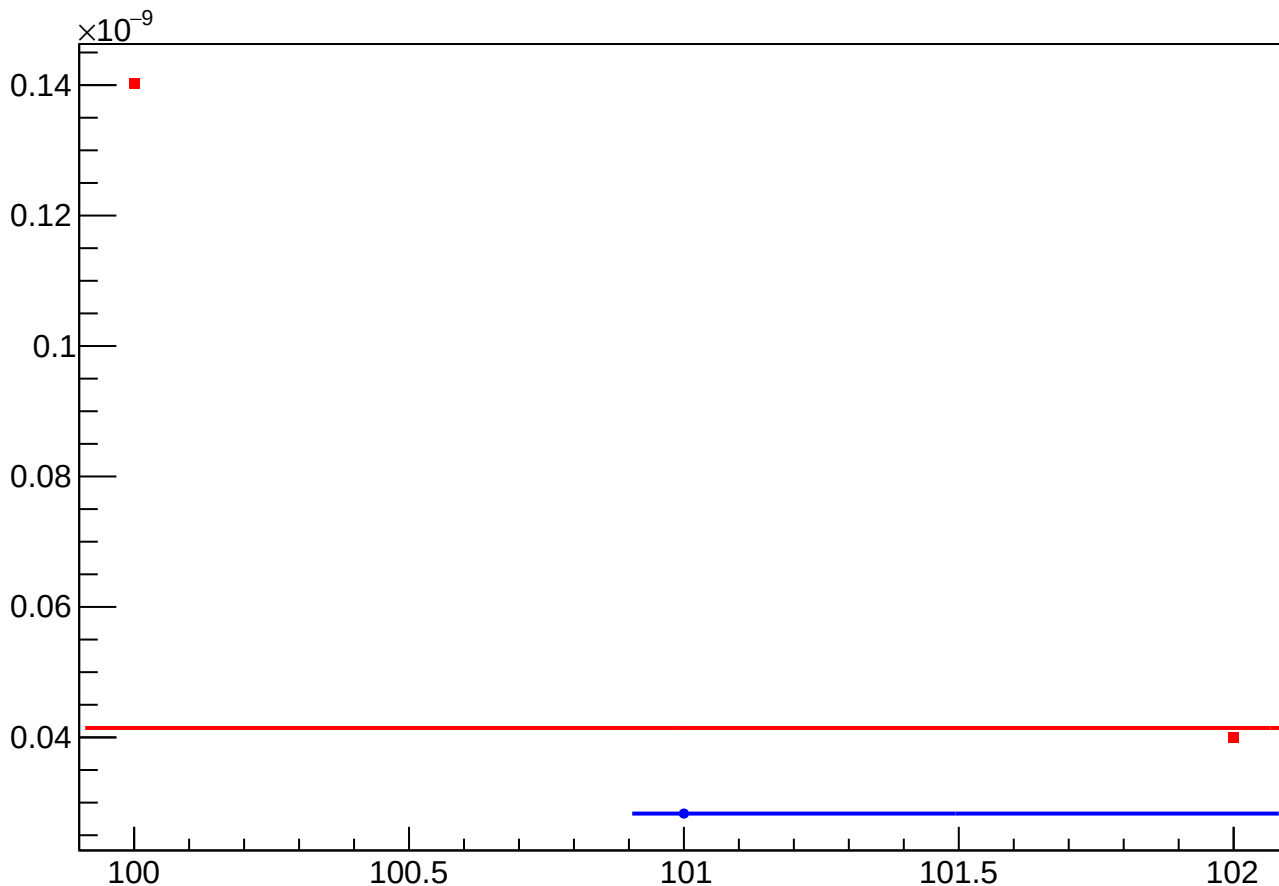
Right: -0.000+/-0.000 χ^2/NDF : 1.9/2

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 : 1.9/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 56661.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

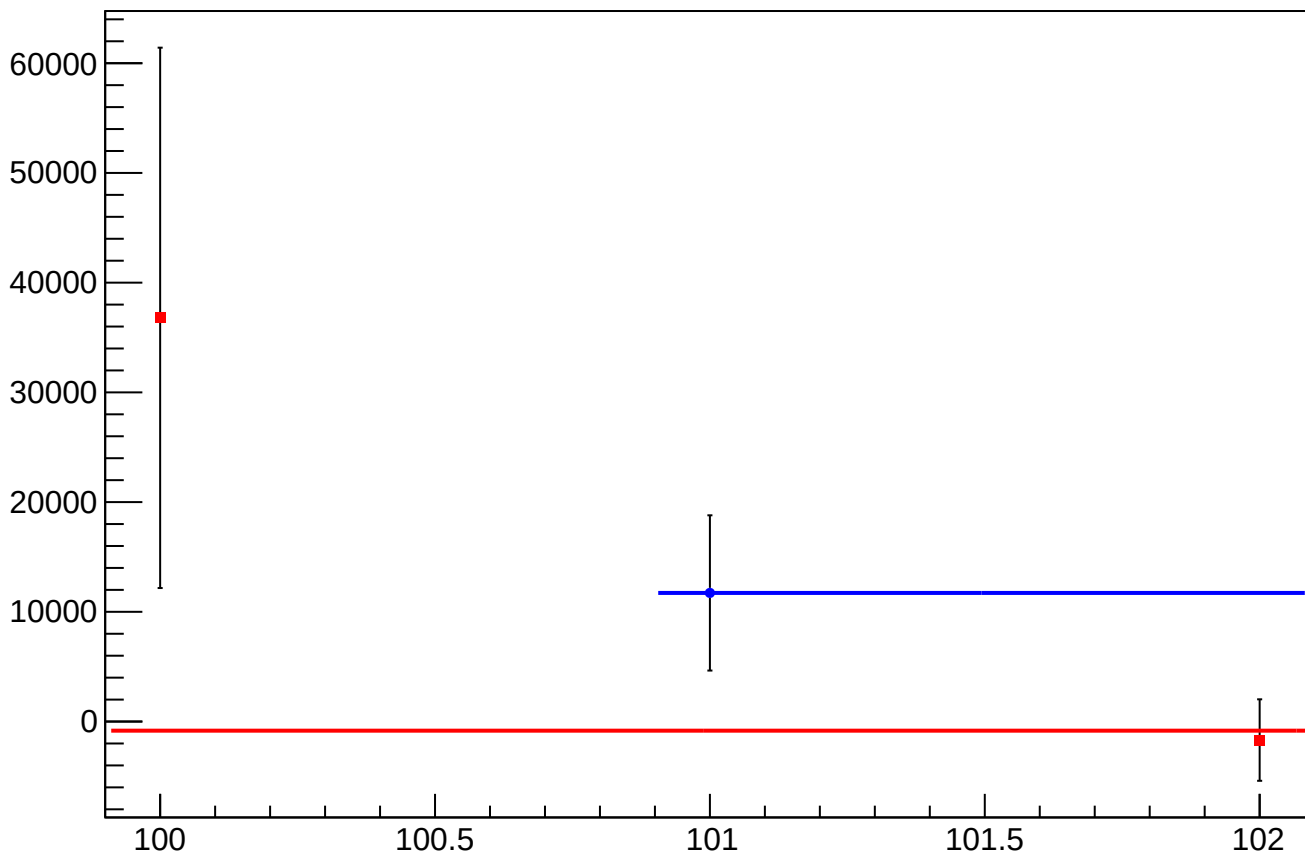
Right: 0.000+/-0.000 χ^2/NDF : 102885.8/2

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 : 102885.8/2

reg_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 11721.385+/-7075.084 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -832.121+/-3671.786 χ^2/NDF : 2.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

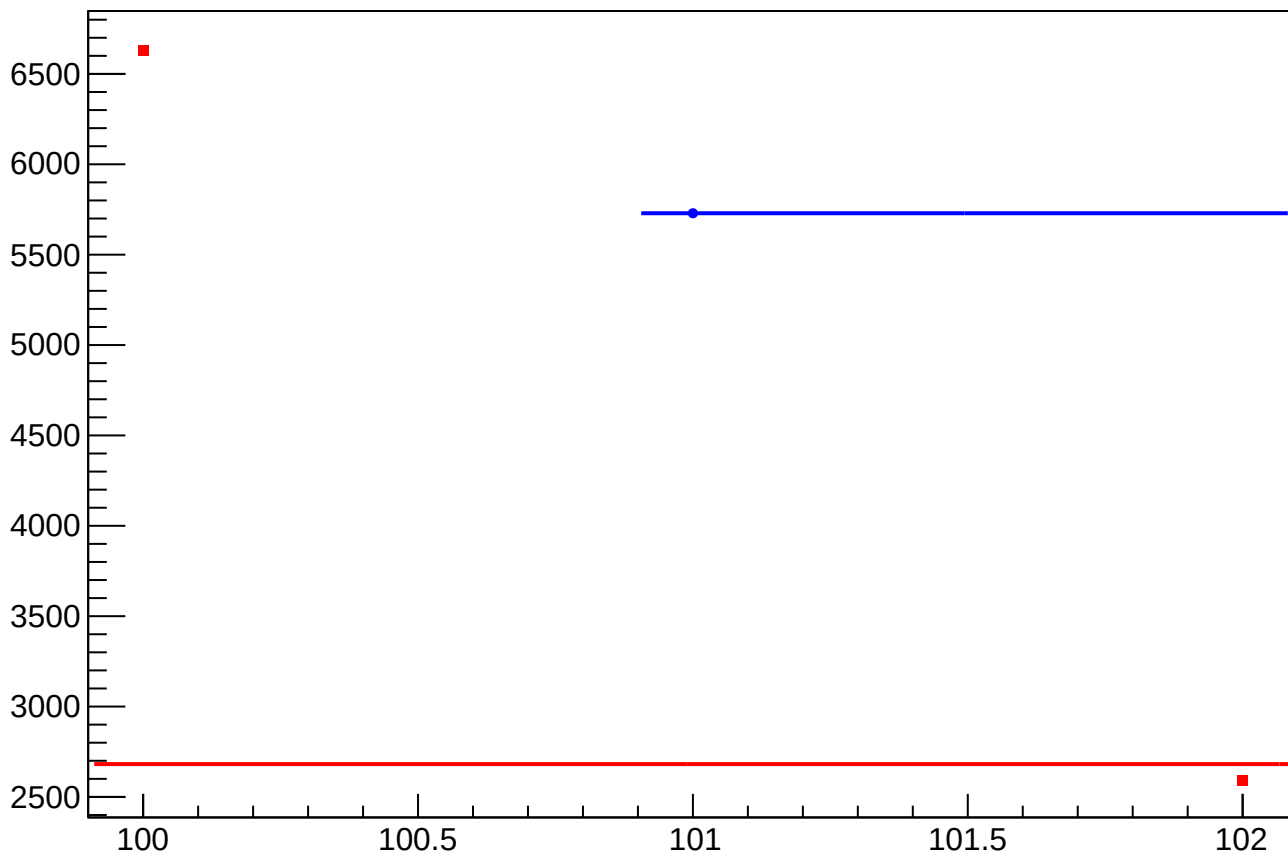
Right: 1831.551+/-3259.038 χ^2/NDF : 4.9/2

In: 11721.385+/-7075.084 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1831.551+/-3259.038 χ^2/NDF : 4.9/2

reg_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 5729.205 $\pm$ 5.003 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2681.603 $\pm$ 2.596 χ^2 /NDF: 52532.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

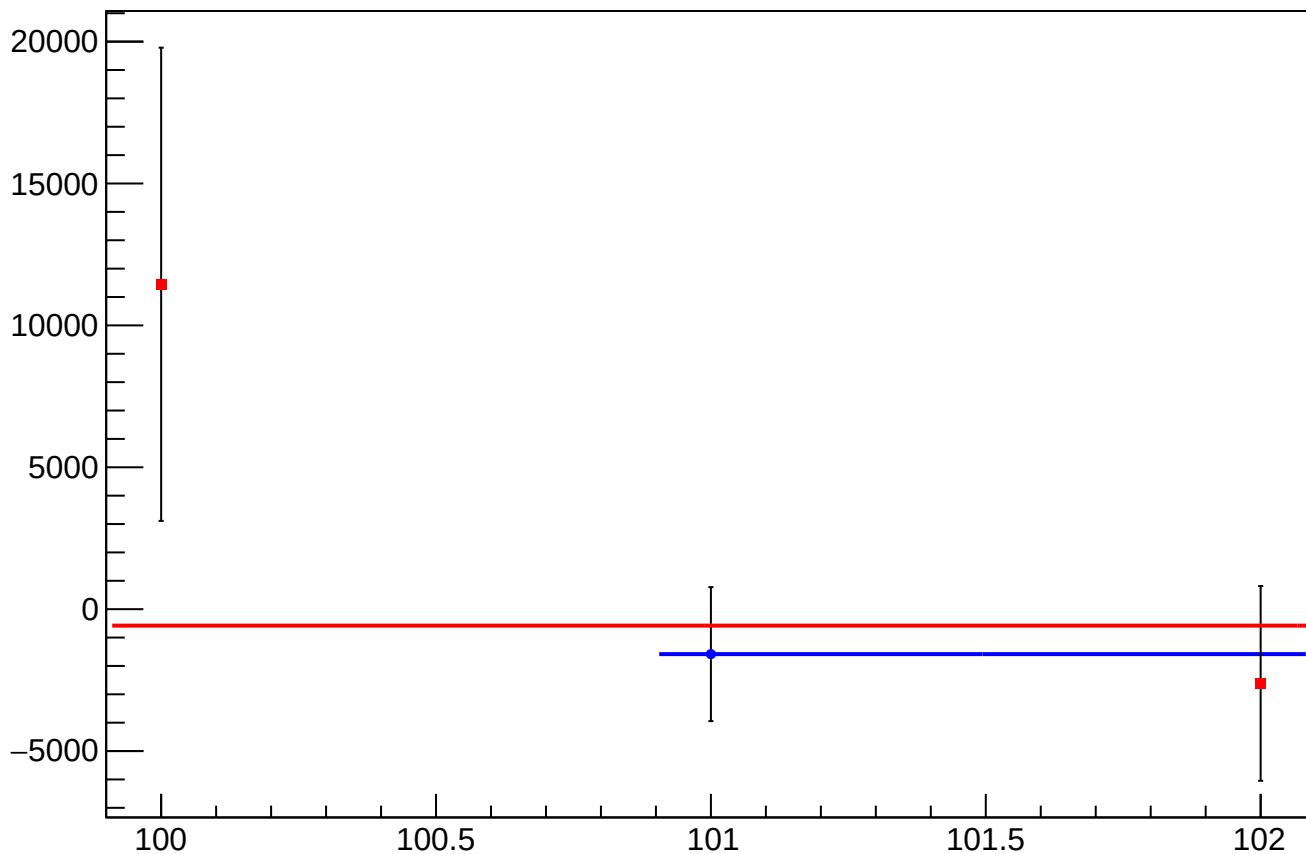
Right: 3328.192 $\pm$ 2.304 χ^2 /NDF: 344893.1/2

In: 5729.205 $\pm$ 5.003 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3328.192 $\pm$ 2.304 χ^2 /NDF: 344893.1/2

asym_us_dd_at1lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -1583.851+/-2360.903 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -579.741+/-3172.957 χ^2/NDF : 2.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

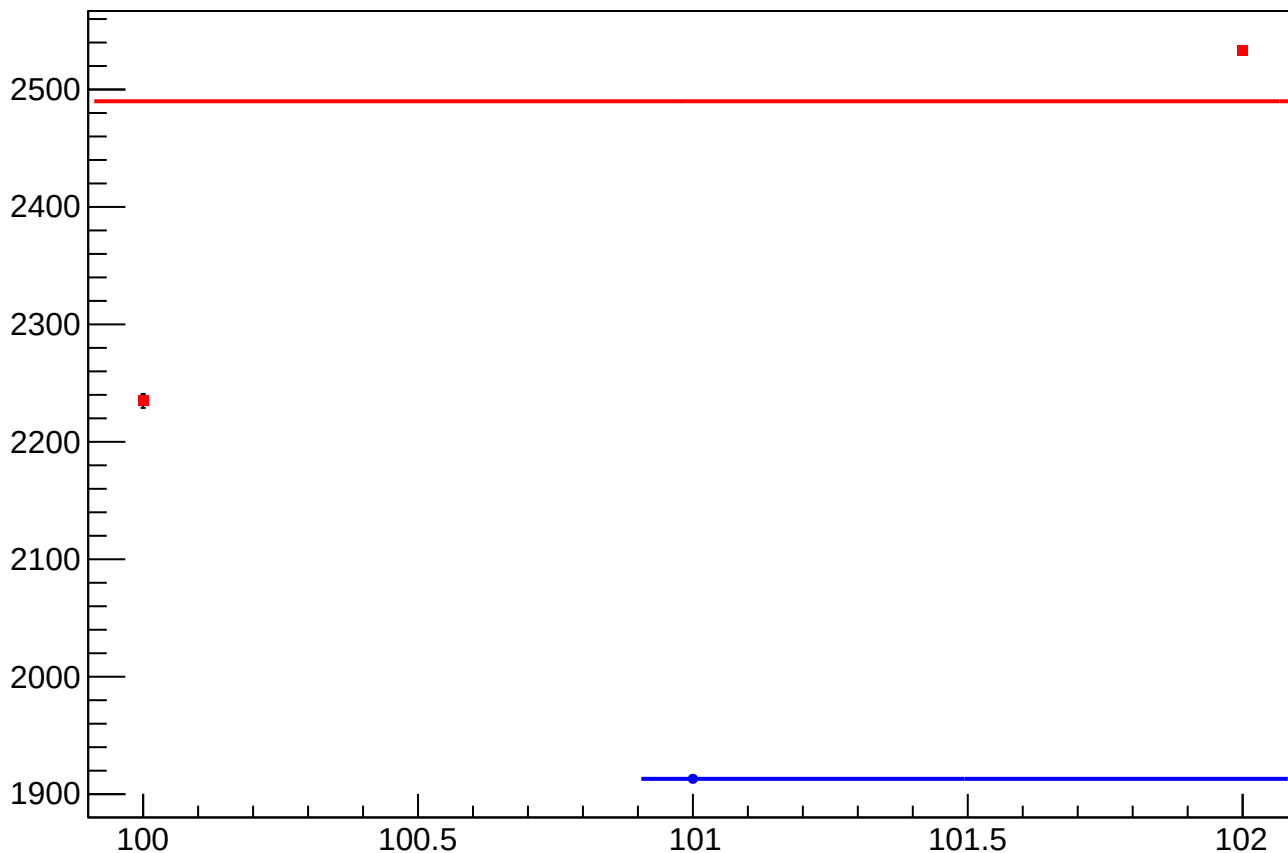
Right: -1226.036+/-1894.100 χ^2/NDF : 2.5/2

In: -1583.851+/-2360.903 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1226.036+/-1894.100 χ^2/NDF : 2.5/2

asym_us_dd_at1lr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1913.058+/-1.669 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2489.981+/-2.244 χ^2/NDF : 2190.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

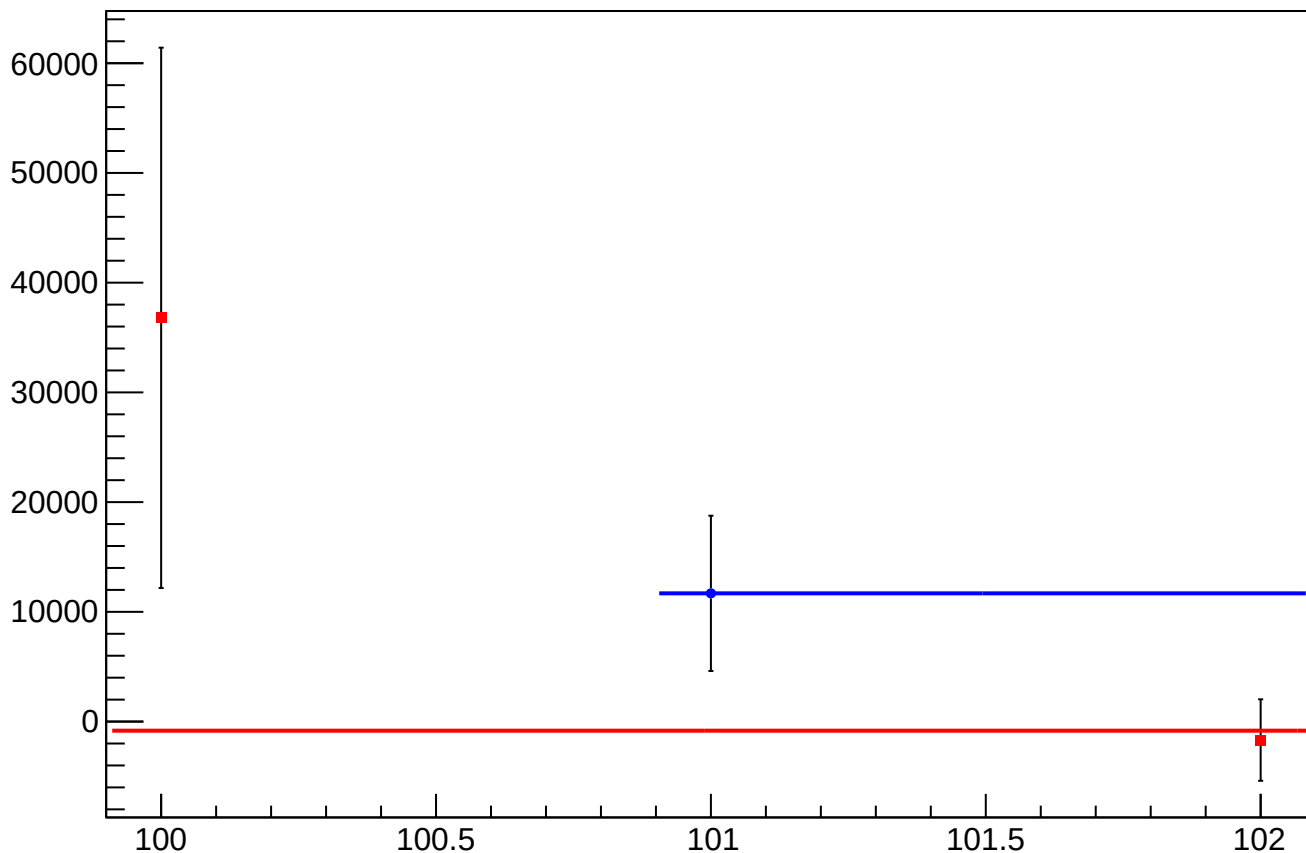
Right: 2118.645+/-1.339 χ^2/NDF : 44749.2/2

In: 1913.058+/-1.669 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2118.645+/-1.339 χ^2/NDF : 44749.2/2

cor_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 11685.432+/-7075.114 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -828.994+/-3671.789 χ^2/NDF : 2.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

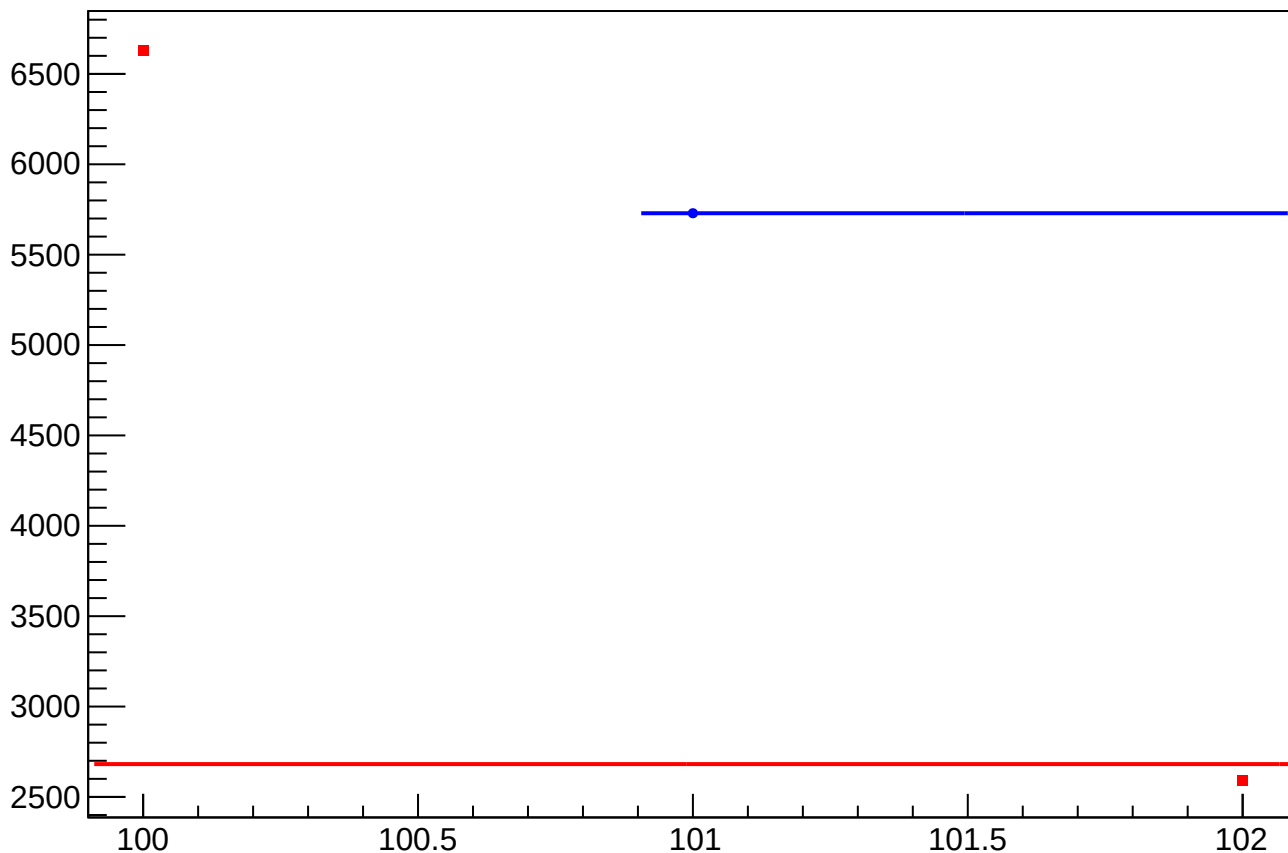
Right: 1826.370+/-3259.042 χ^2/NDF : 4.9/2

In: 11685.432+/-7075.114 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1826.370+/-3259.042 χ^2/NDF : 4.9/2

cor_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 5729.221+/-5.003 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2681.598+/-2.596 χ^2/NDF : 52532.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

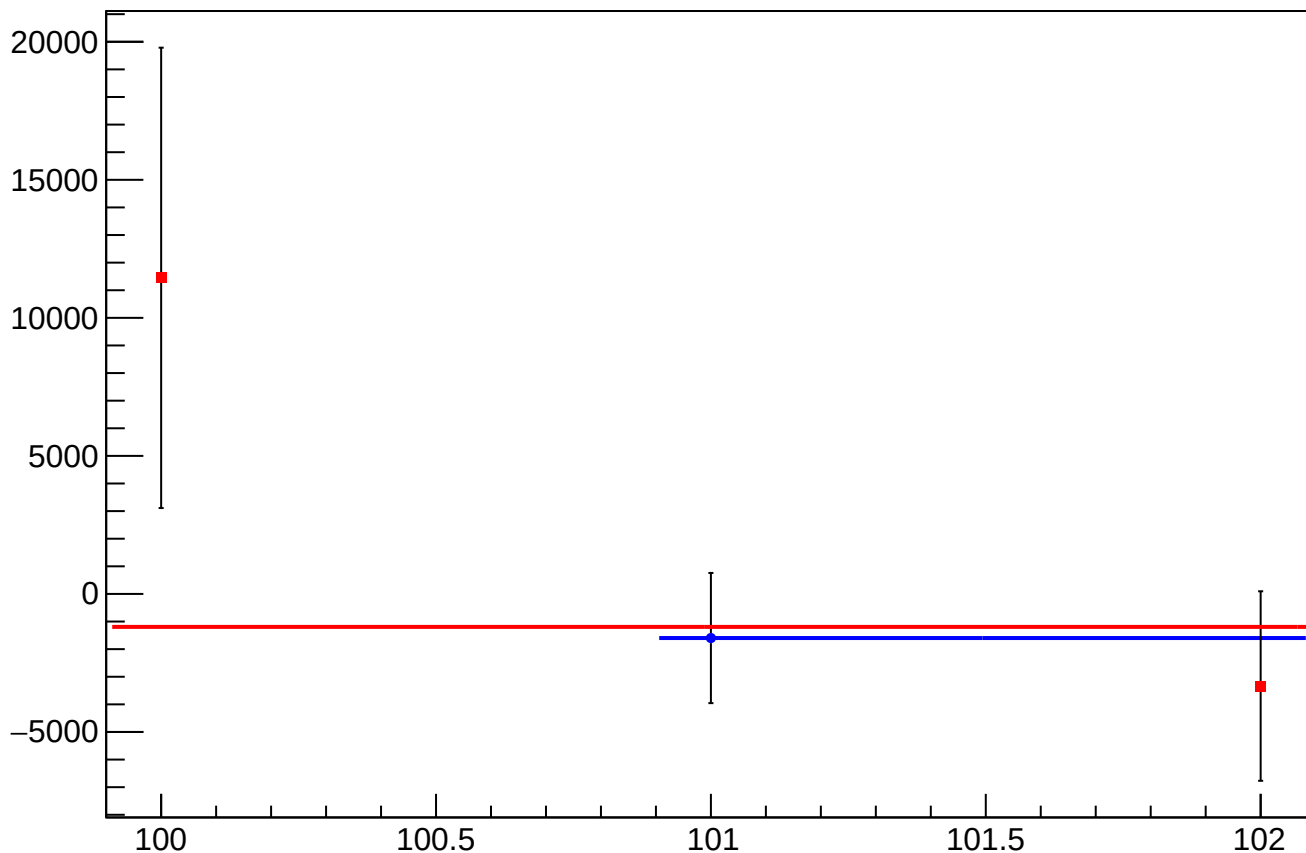
Right: 3328.188+/-2.304 χ^2/NDF : 344895.4/2

In: 5729.221+/-5.003 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3328.188+/-2.304 χ^2/NDF : 344895.4/2

asym_us_dd_at1lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -1597.769+/-2357.709 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1194.031+/-3173.979 χ^2/NDF : 2.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

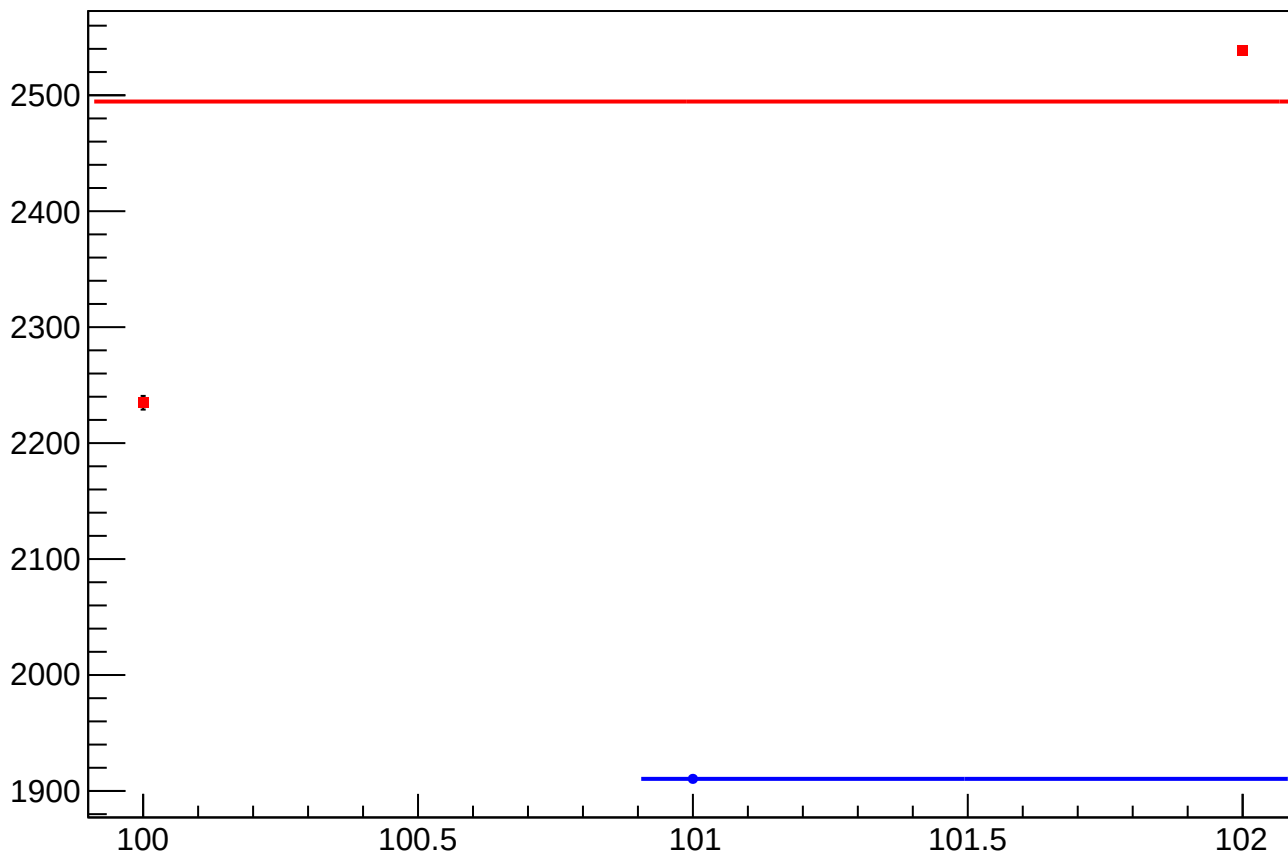
Right: -1454.207+/-1892.666 χ^2/NDF : 2.7/2

In: -1597.769+/-2357.709 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1454.207+/-1892.666 χ^2/NDF : 2.7/2

asym_us_dd_at1lr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1910.434+/-1.667 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2494.579+/-2.244 χ^2/NDF : 2270.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

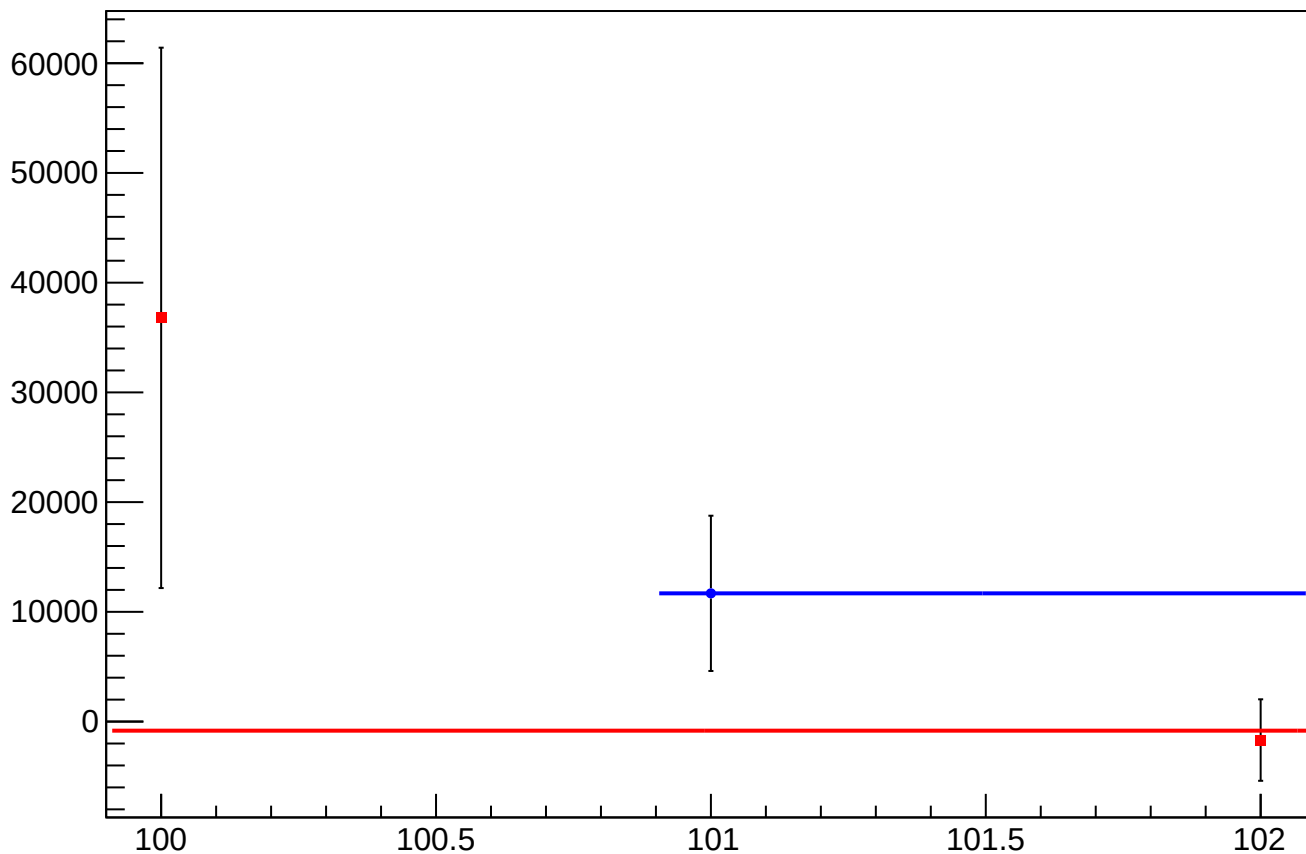
Right: 2118.145+/-1.338 χ^2/NDF : 45925.2/2

In: 1910.434+/-1.667 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2118.145+/-1.338 χ^2/NDF : 45925.2/2

eigen_cor_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 11685.432+/-7075.114 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -828.994+/-3671.789 χ^2/NDF : 2.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

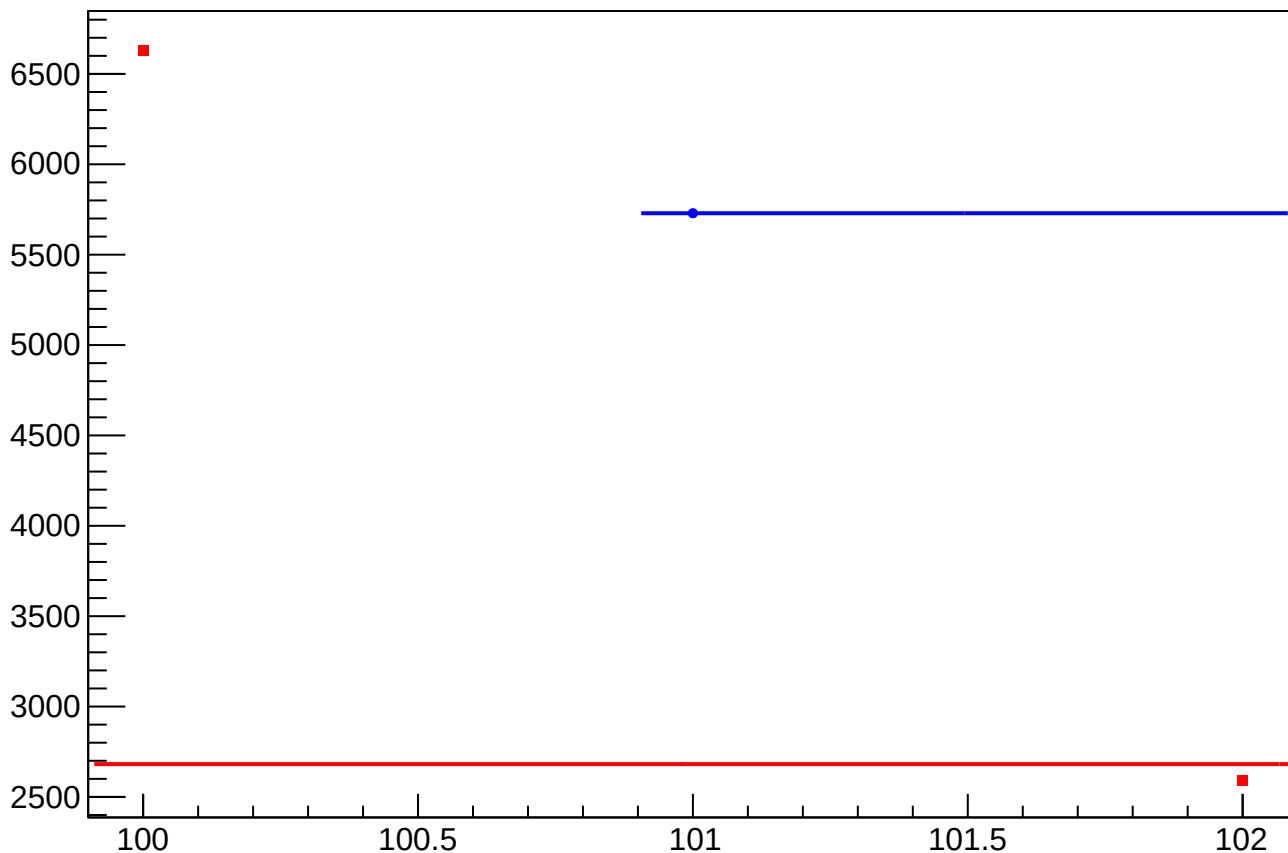
Right: 1826.370+/-3259.042 χ^2/NDF : 4.9/2

In: 11685.432+/-7075.114 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1826.370+/-3259.042 χ^2/NDF : 4.9/2

eigen_cor_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 5729.221+/-5.003 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2681.598+/-2.596 χ^2/NDF : 52532.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

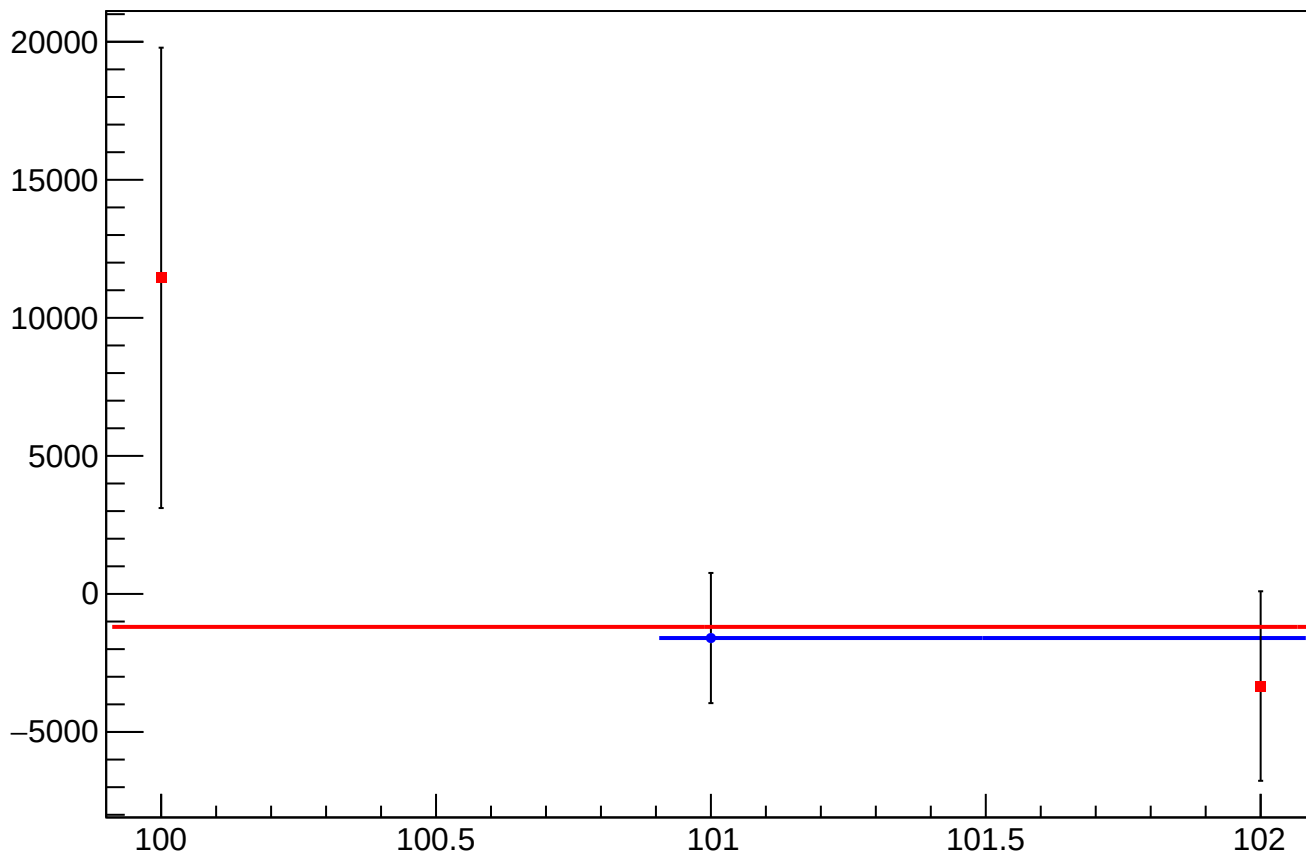
Right: 3328.188+/-2.304 χ^2/NDF : 344895.4/2

In: 5729.221+/-5.003 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3328.188+/-2.304 χ^2/NDF : 344895.4/2

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1597.769+/-2357.709 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1194.031+/-3173.979 χ^2/NDF : 2.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

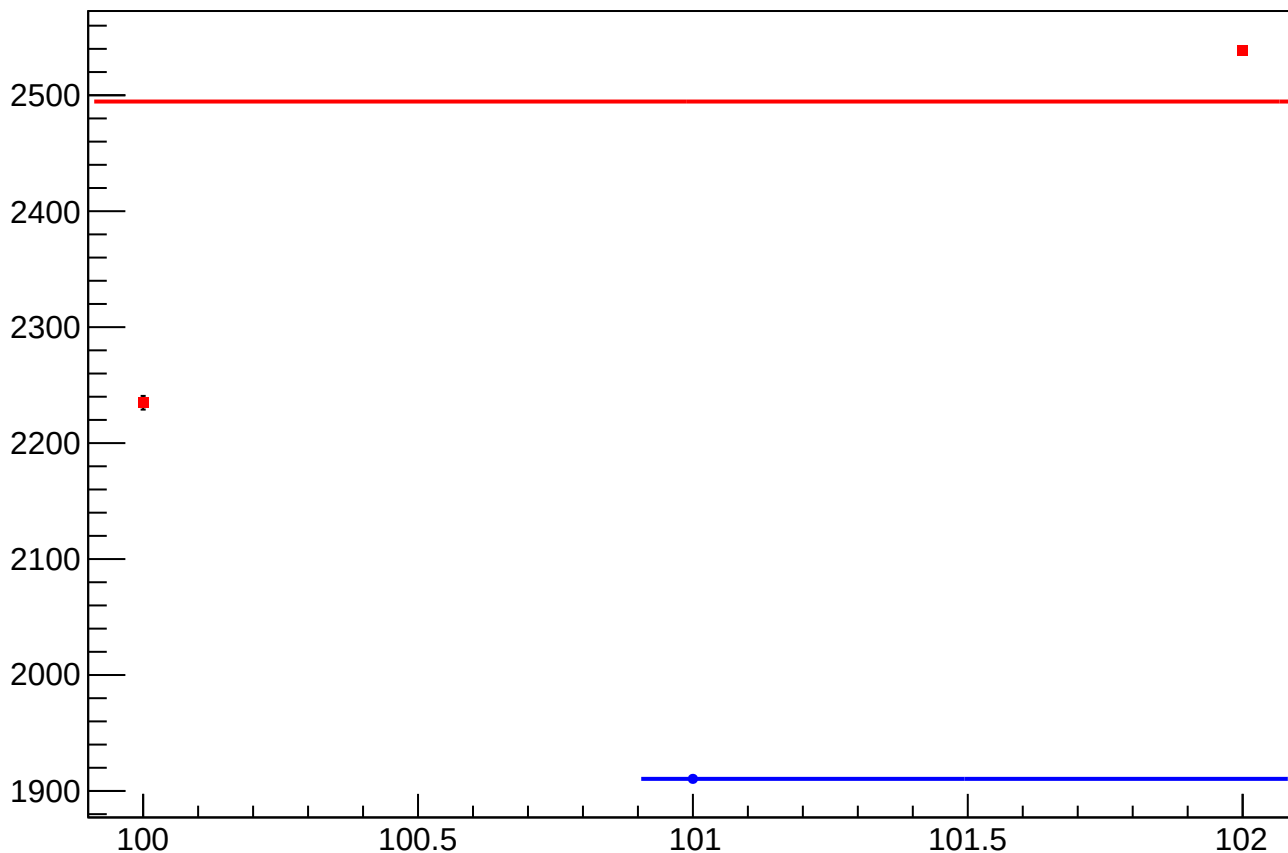
Right: -1454.207+/-1892.666 χ^2/NDF : 2.7/2

In: -1597.769+/-2357.709 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1454.207+/-1892.666 χ^2/NDF : 2.7/2

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1910.434+/-1.667 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2494.579+/-2.244 χ^2/NDF : 2270.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

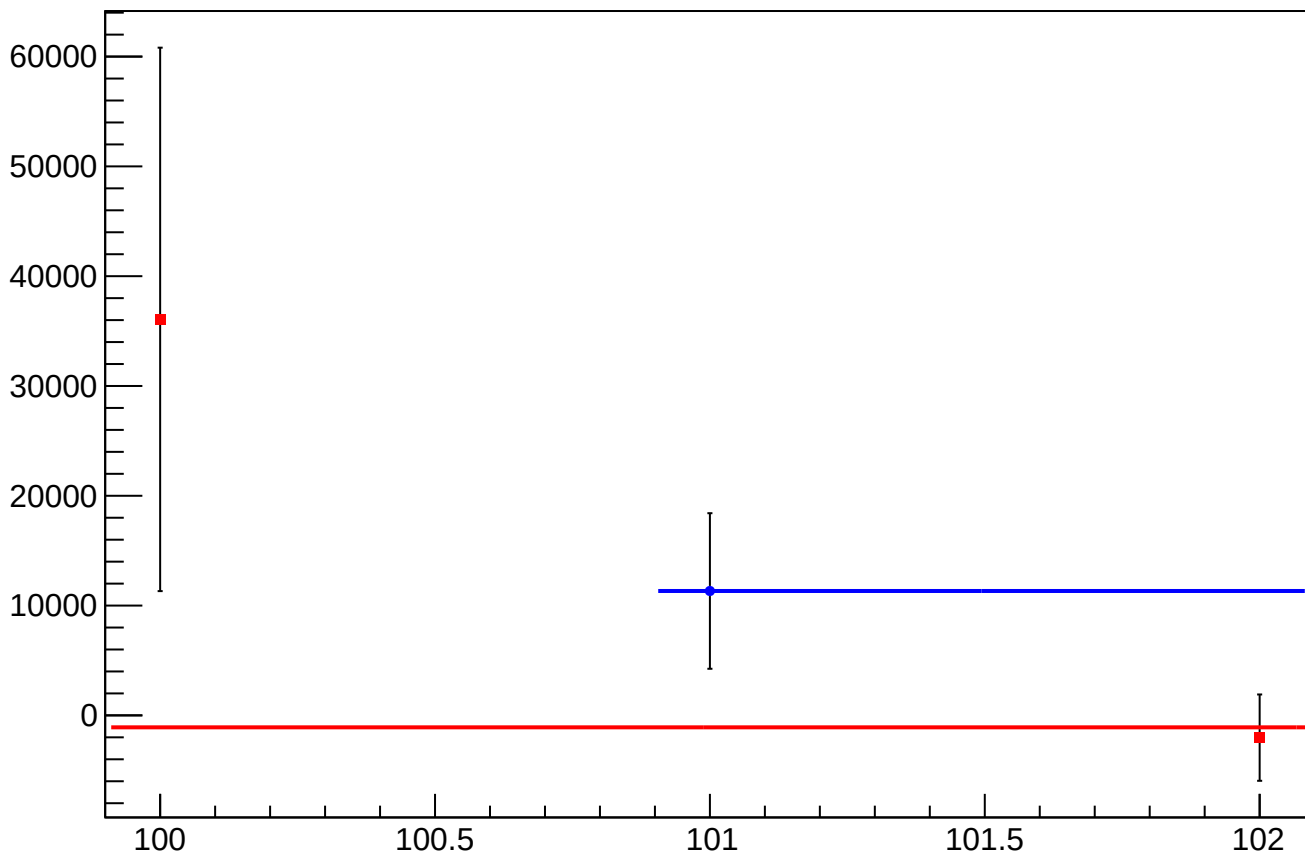
Right: 2118.145+/-1.338 χ^2/NDF : 45925.2/2

In: 1910.434+/-1.667 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2118.145+/-1.338 χ^2/NDF : 45925.2/2

dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 11328.905+/-7084.830 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1089.723+/-3882.554 χ^2/NDF : 2.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

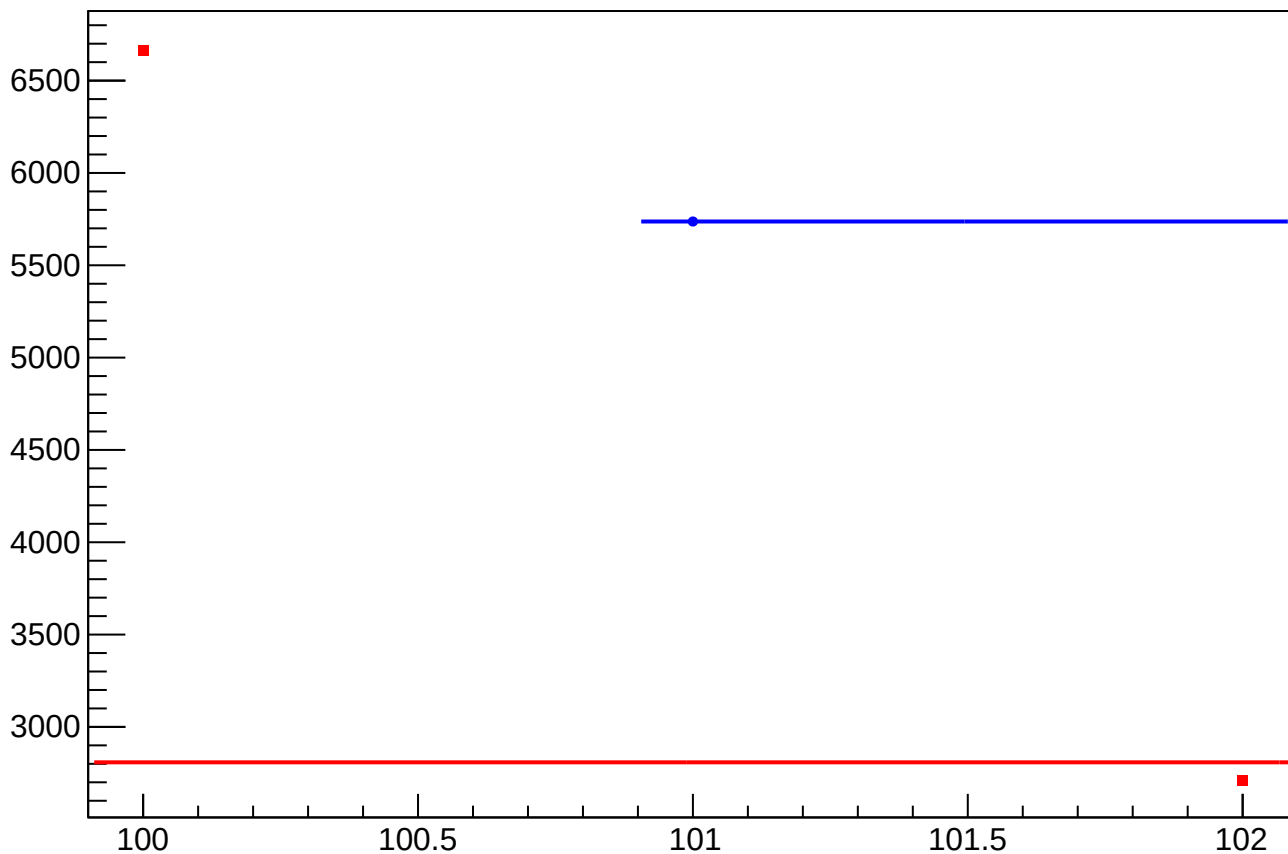
Right: 1778.424+/-3404.813 χ^2/NDF : 4.7/2

In: 11328.905+/-7084.830 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1778.424+/-3404.813 χ^2/NDF : 4.7/2

dit_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 5737.086 $\pm$ 5.010 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2808.118 $\pm$ 2.745 χ^2 /NDF: 49702.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

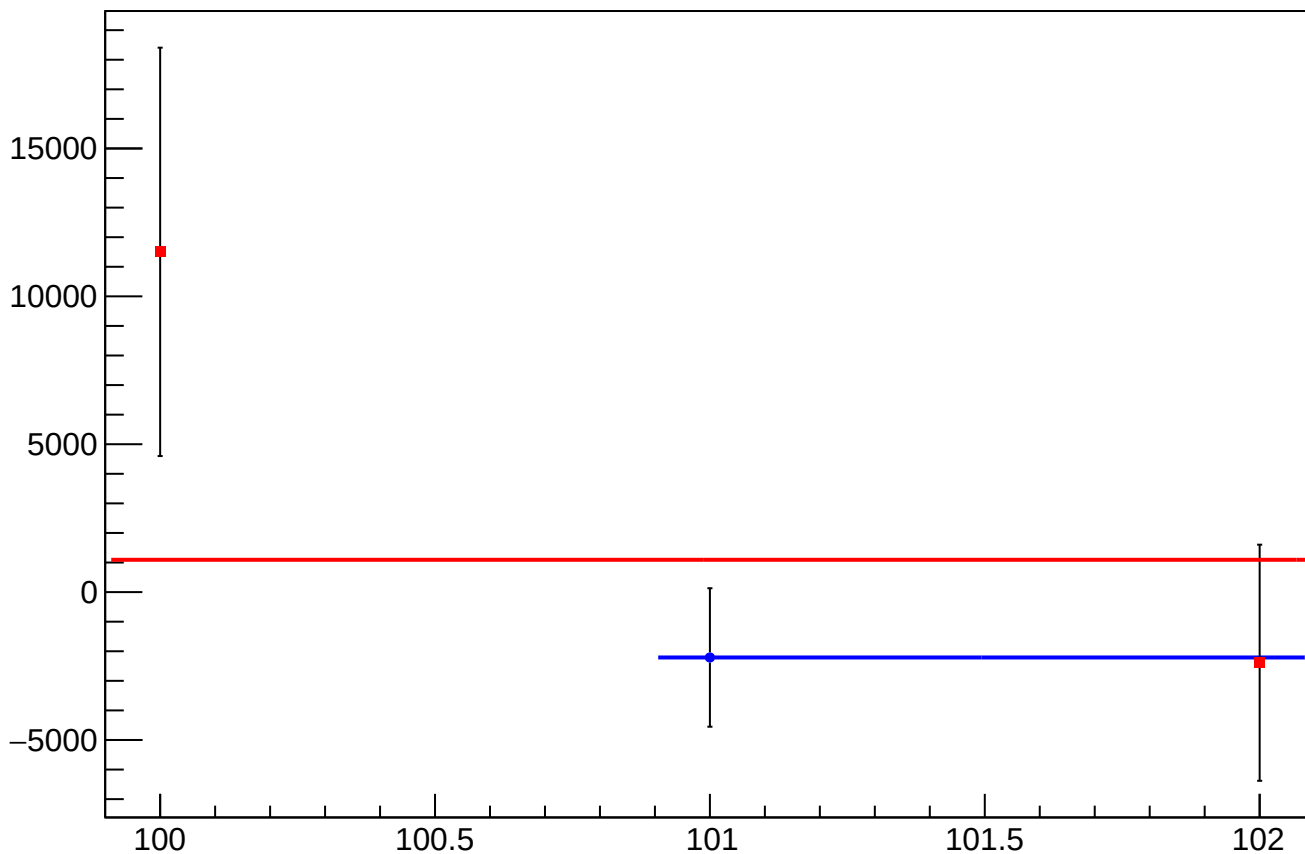
Right: 3484.501 $\pm$ 2.407 χ^2 /NDF: 312587.9/2

In: 5737.086 $\pm$ 5.010 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3484.501 $\pm$ 2.407 χ^2 /NDF: 312587.9/2

asym_us_dd_at1lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -2210.310 +/- 2341.223 χ^2/NDF : 0.0/0

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 1092.283 +/- 3455.625 χ^2/NDF : 3.0/1

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

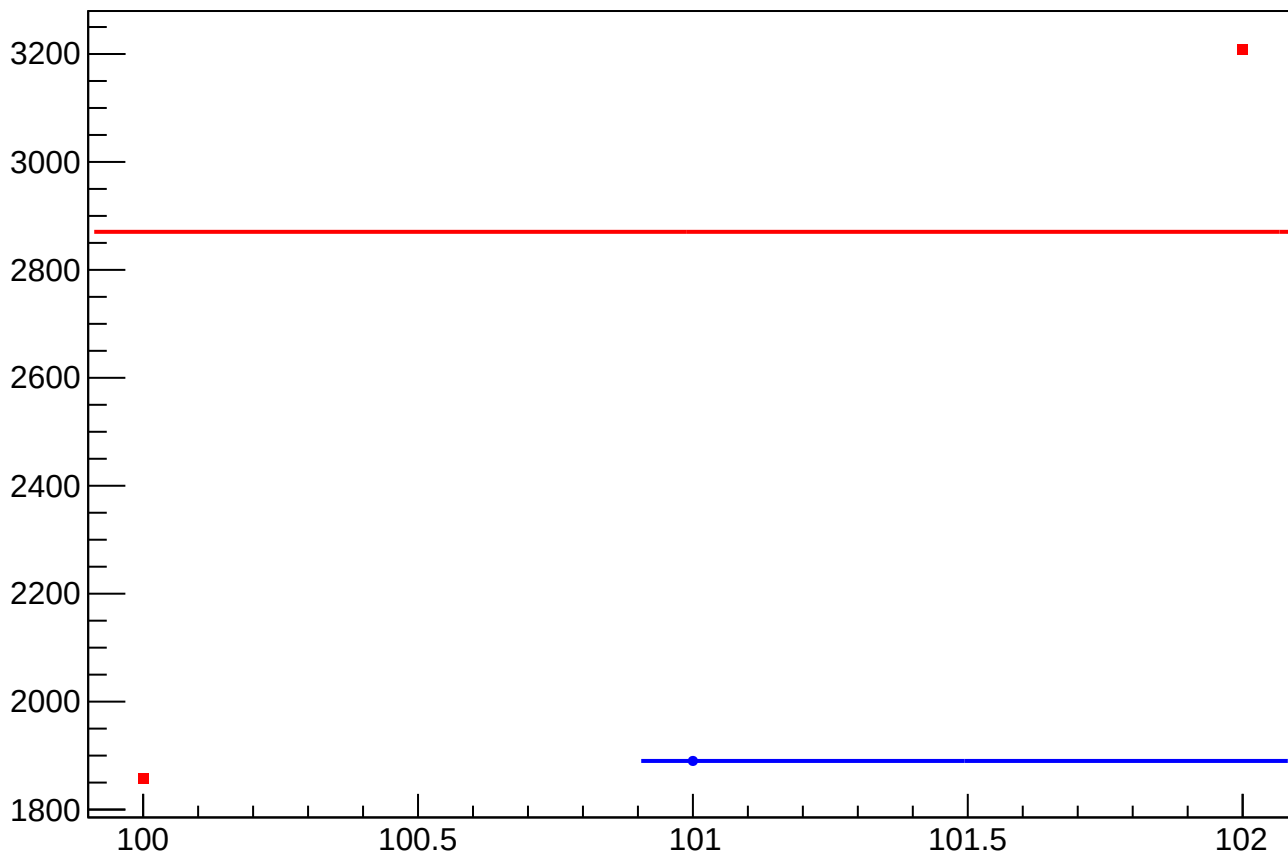
Right: -1171.285 +/- 1938.260 χ^2/NDF : 3.7/2

In: -2210.310 +/- 2341.223 χ^2/NDF : 0.0/0

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -1171.285 +/- 1938.260 χ^2/NDF : 3.7/2

asym_us_dd_at1lr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1890.093+/-1.655 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2870.502+/-2.443 χ^2/NDF : 57376.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

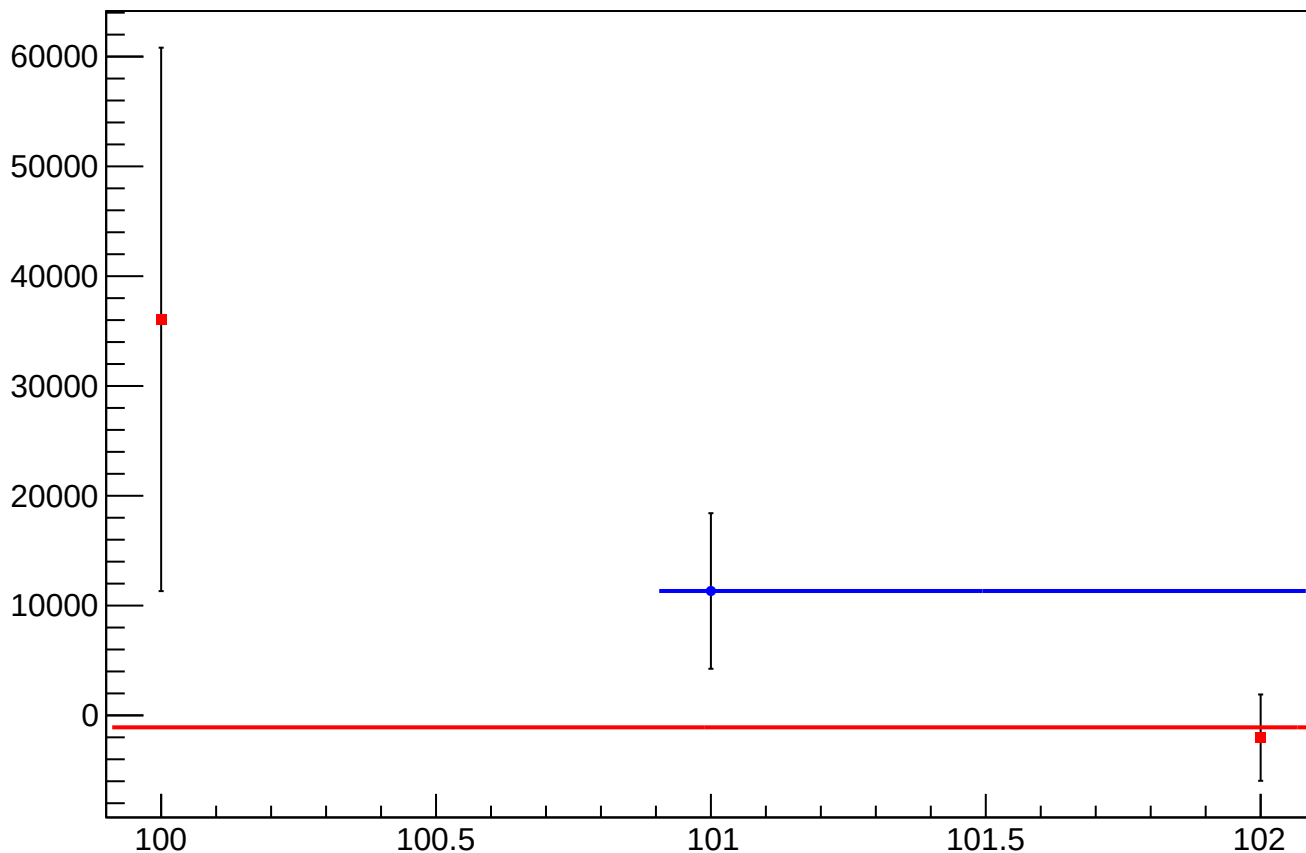
Right: 2198.538+/-1.371 χ^2/NDF : 167715.5/2

In: 1890.093+/-1.655 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2198.538+/-1.371 χ^2/NDF : 167715.5/2

eigen_dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 11328.914+/-7084.830 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1089.696+/-3882.552 χ^2/NDF : 2.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

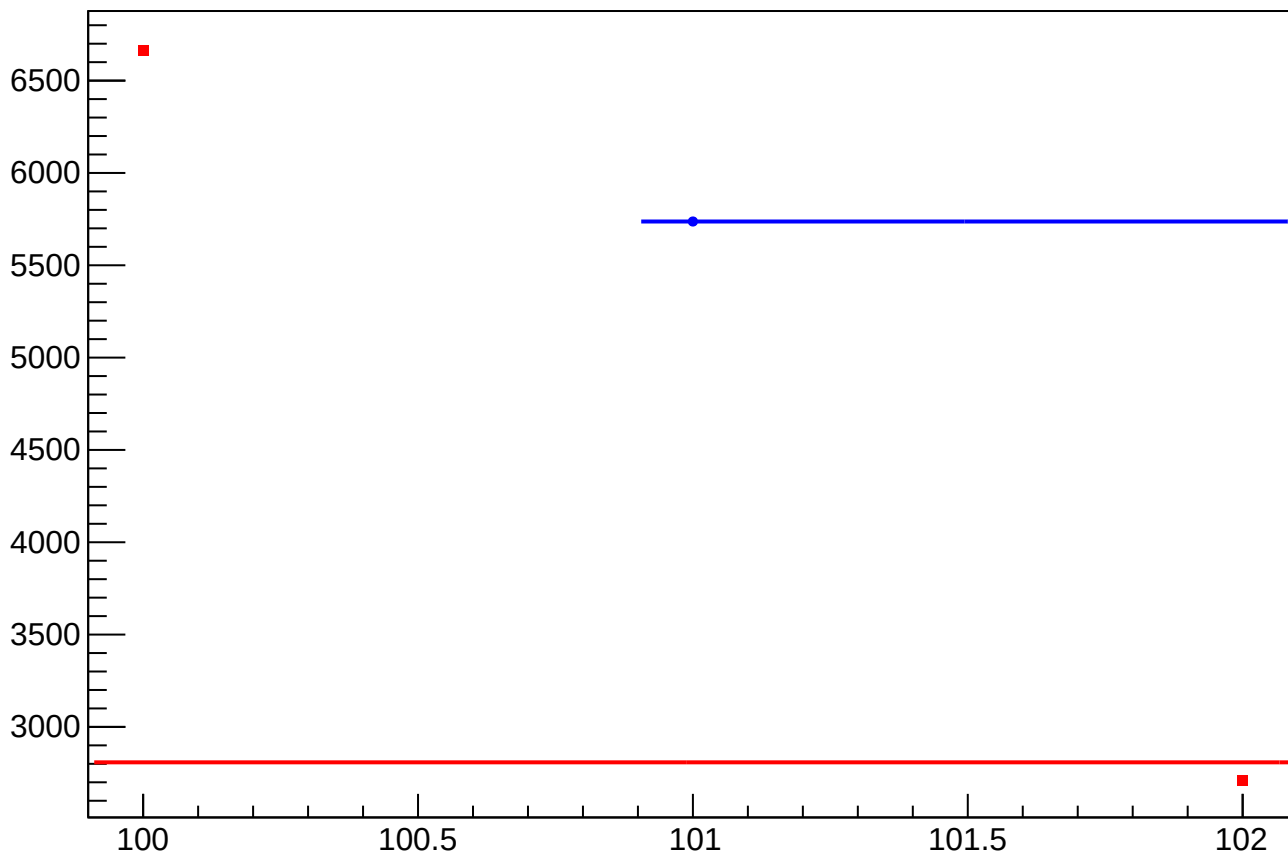
Right: 1778.444+/-3404.812 χ^2/NDF : 4.7/2

In: 11328.914+/-7084.830 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1778.444+/-3404.812 χ^2/NDF : 4.7/2

eigen_dit_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 5737.086 $\pm$ 5.010 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2808.116 $\pm$ 2.745 χ^2 /NDF: 49702.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

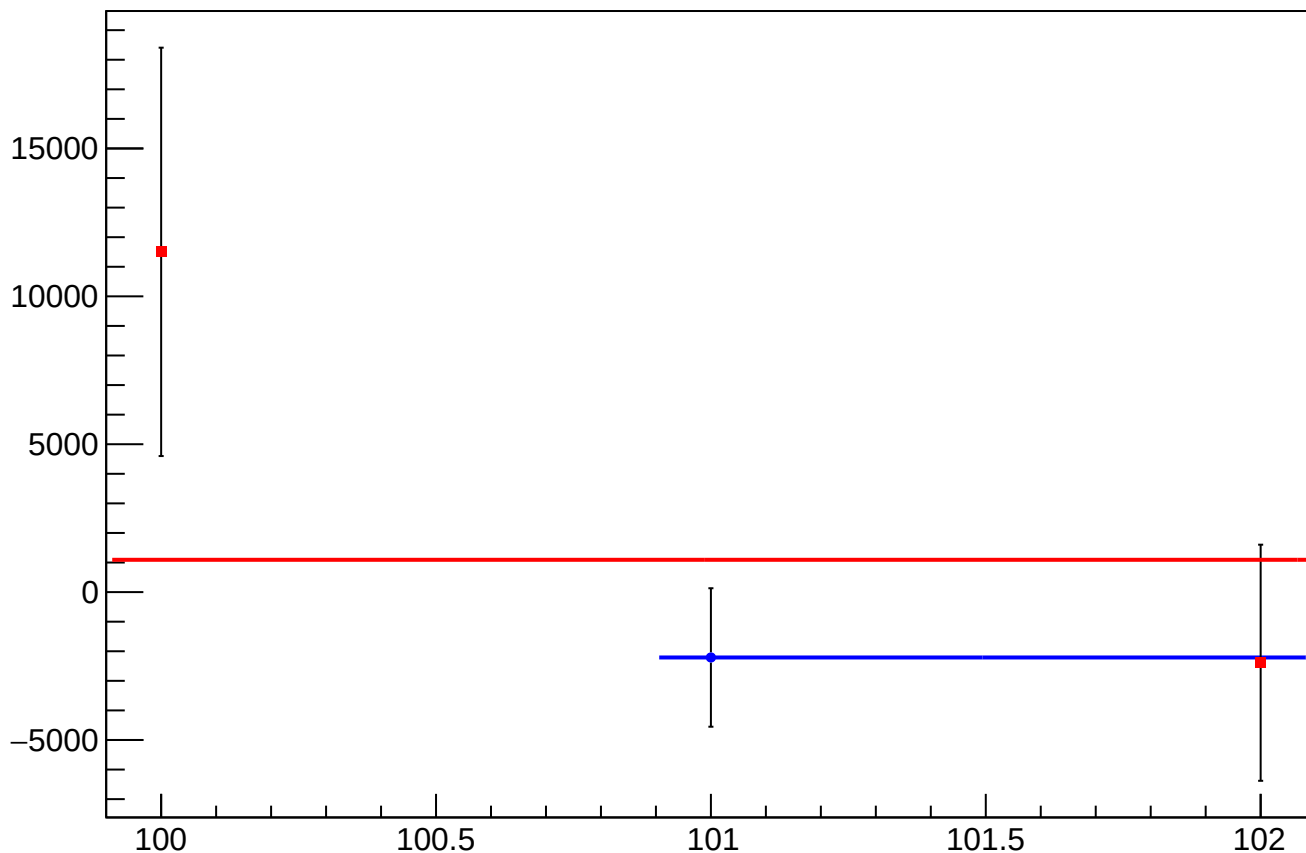
Right: 3484.500 $\pm$ 2.407 χ^2 /NDF: 312588.3/2

In: 5737.086 $\pm$ 5.010 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3484.500 $\pm$ 2.407 χ^2 /NDF: 312588.3/2

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -2210.304+/-2341.220 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1092.292+/-3455.629 χ^2 /NDF: 3.0/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

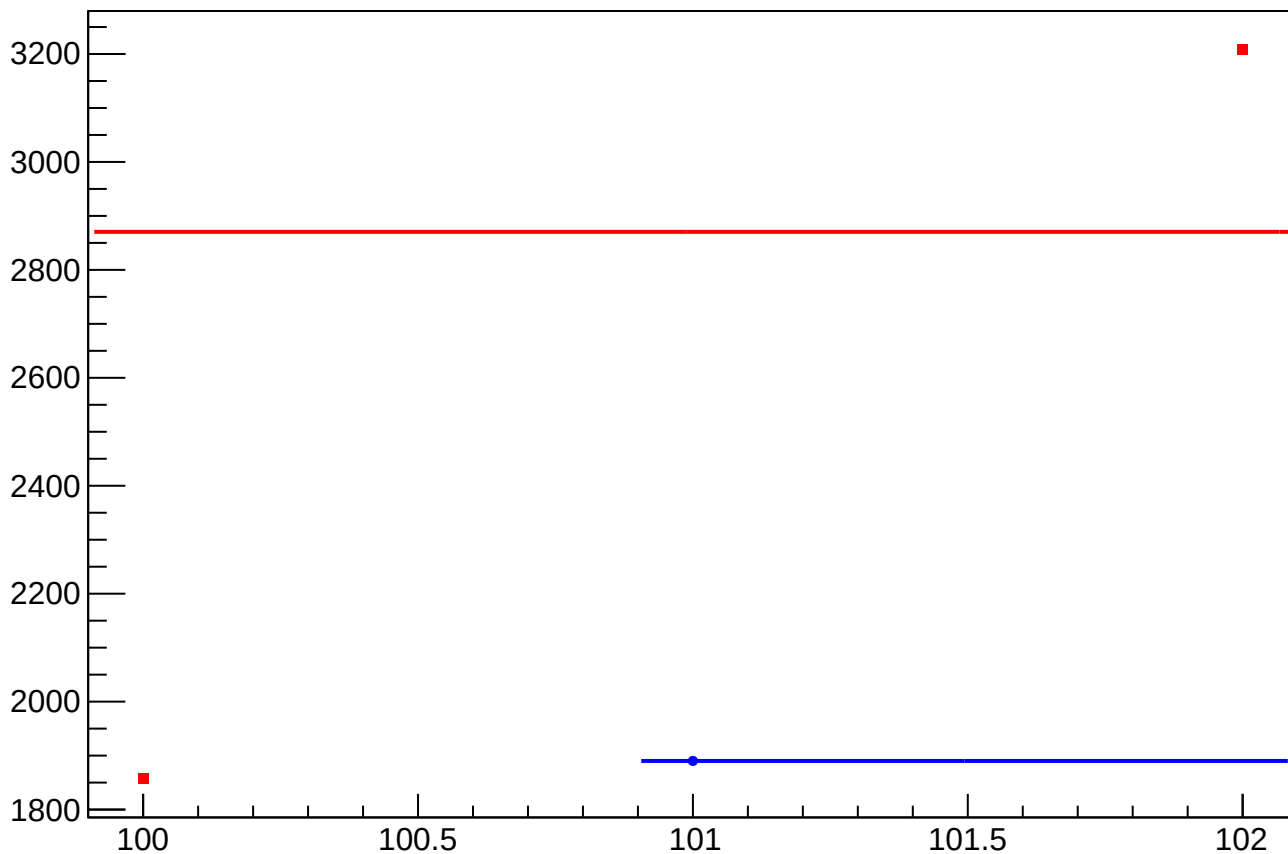
Right: -1171.282+/-1938.259 χ^2 /NDF: 3.7/2

In: -2210.304+/-2341.220 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1171.282+/-1938.259 χ^2 /NDF: 3.7/2

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1890.090 $\pm$ 1.655 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2870.504 $\pm$ 2.443 χ^2 /NDF: 57377.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

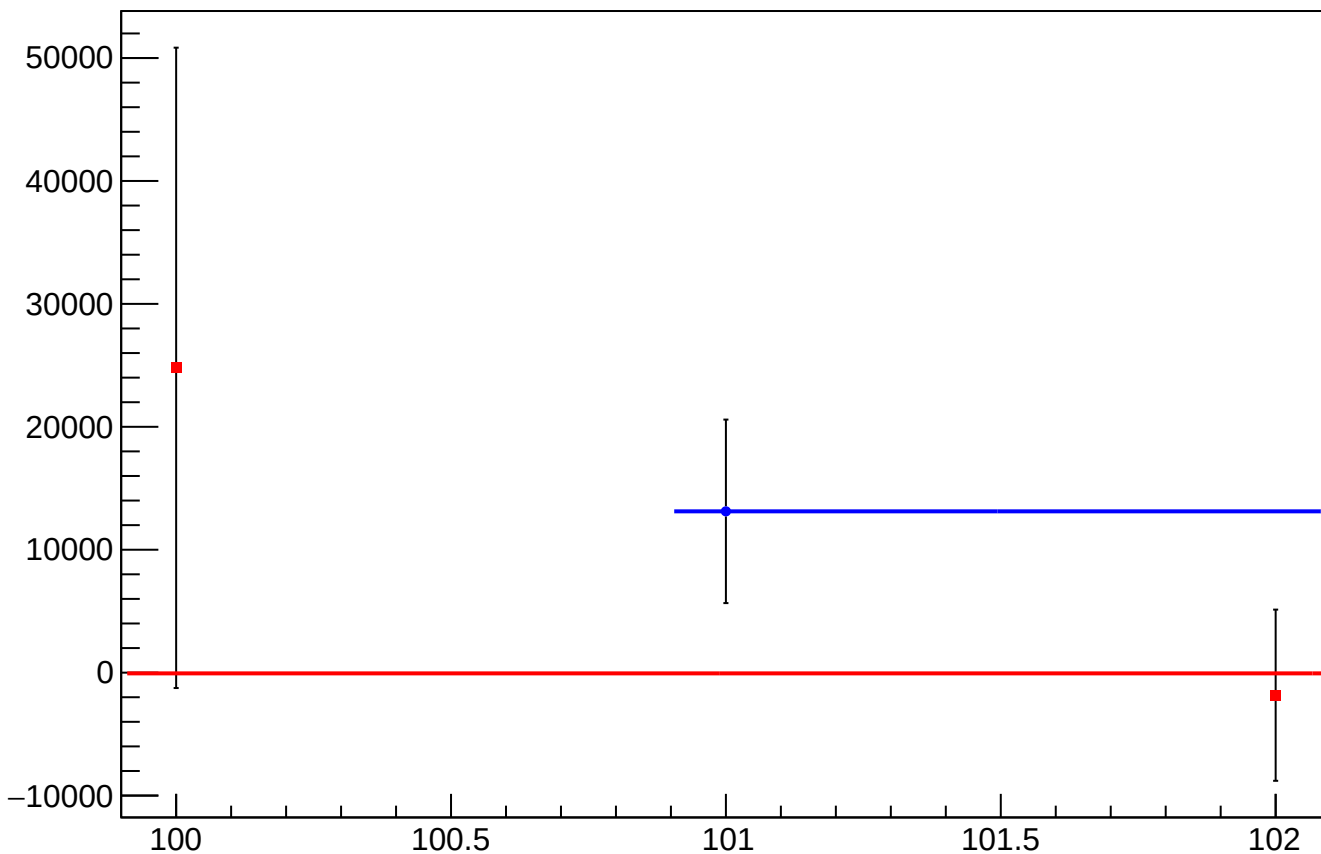
Right: 2198.536 $\pm$ 1.371 χ^2 /NDF: 167717.5/2

In: 1890.090 $\pm$ 1.655 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2198.536 $\pm$ 1.371 χ^2 /NDF: 167717.5/2

asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 13123.075+/-7464.380 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -58.620+/-6726.878 χ^2/NDF : 1.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

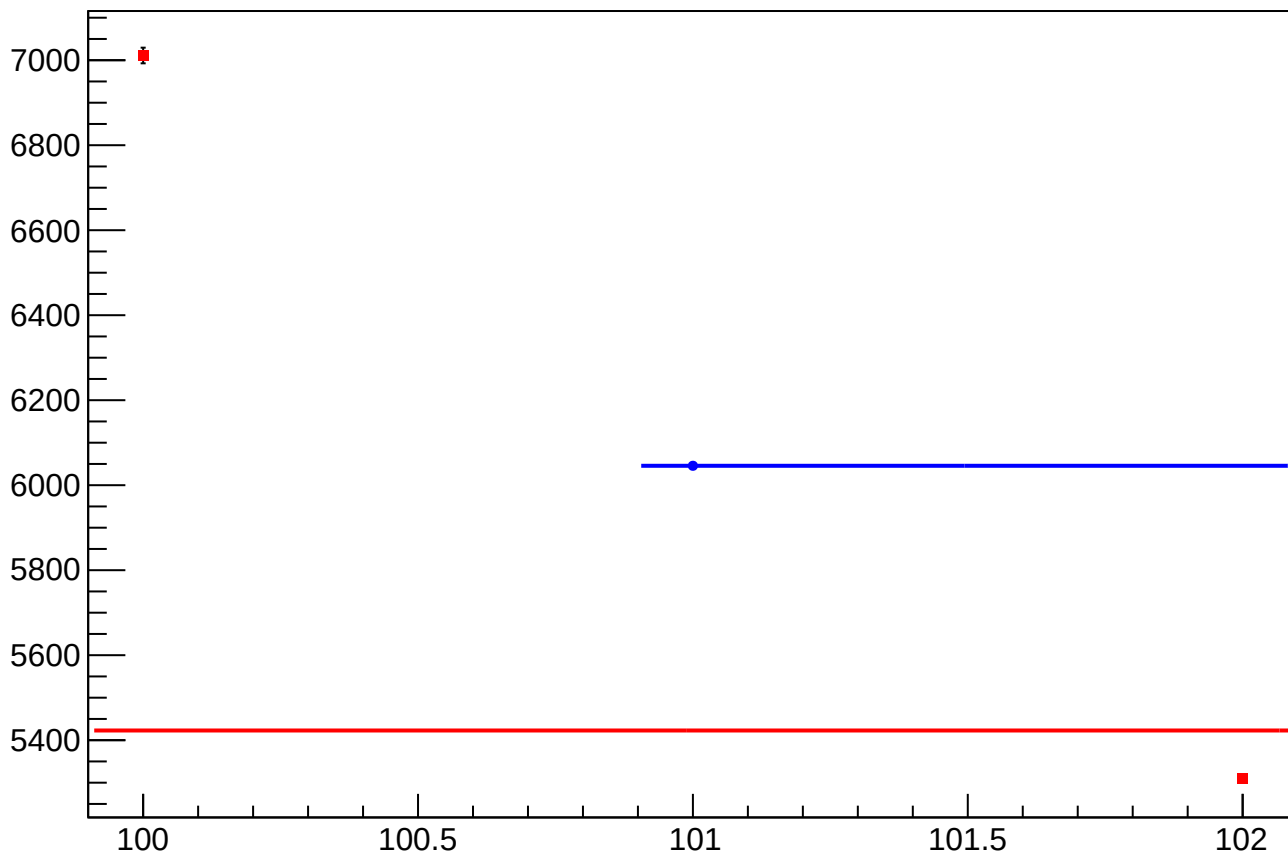
Right: 5849.036+/-4997.073 χ^2/NDF : 2.7/2

In: 13123.075+/-7464.380 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5849.036+/-4997.073 χ^2/NDF : 2.7/2

asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 6045.684 $\pm$ 5.278 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5422.819 $\pm$ 4.756 χ^2 /NDF: 7967.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

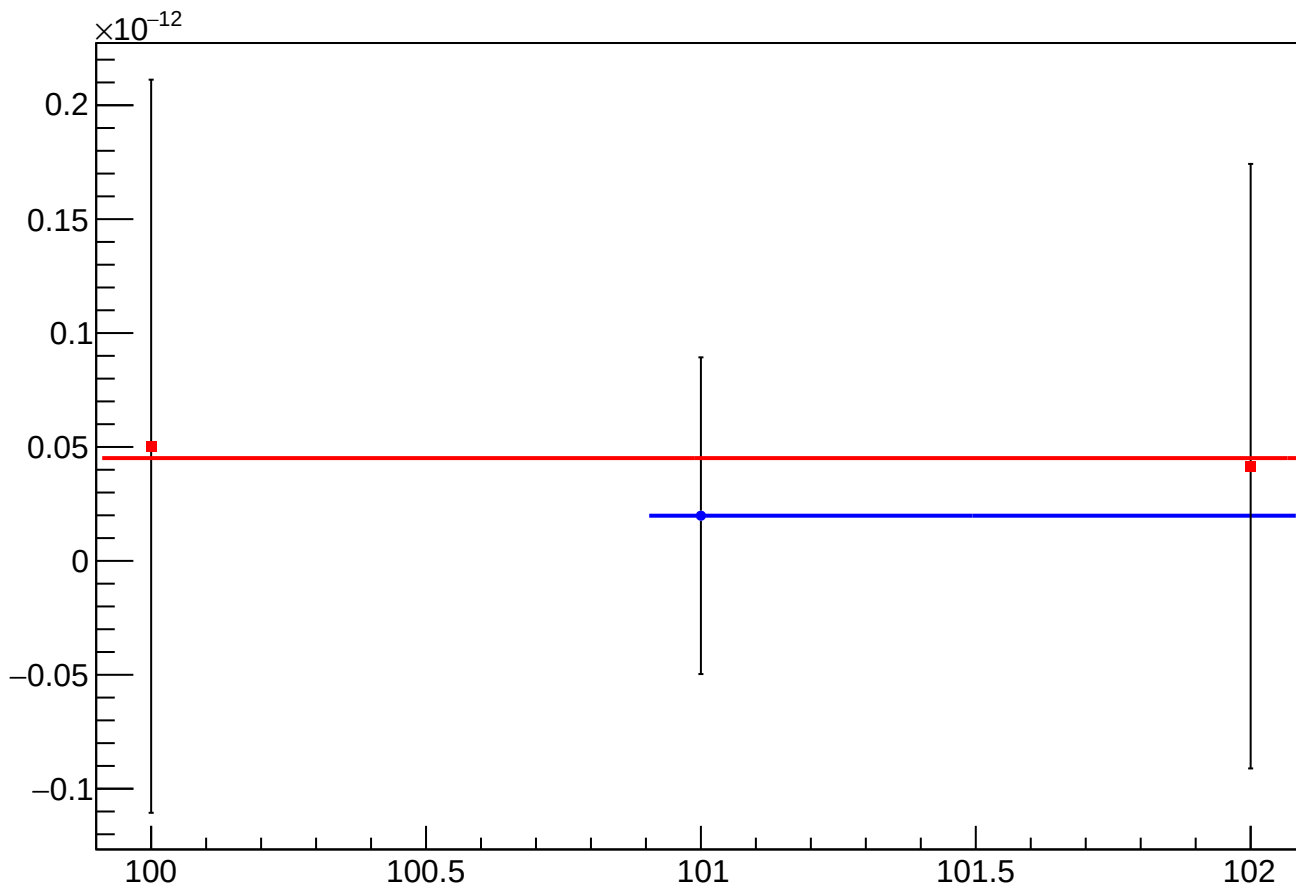
Right: 5701.902 $\pm$ 3.533 χ^2 /NDF: 15653.8/2

In: 6045.684 $\pm$ 5.278 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 5701.902 $\pm$ 3.533 χ^2 /NDF: 15653.8/2

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

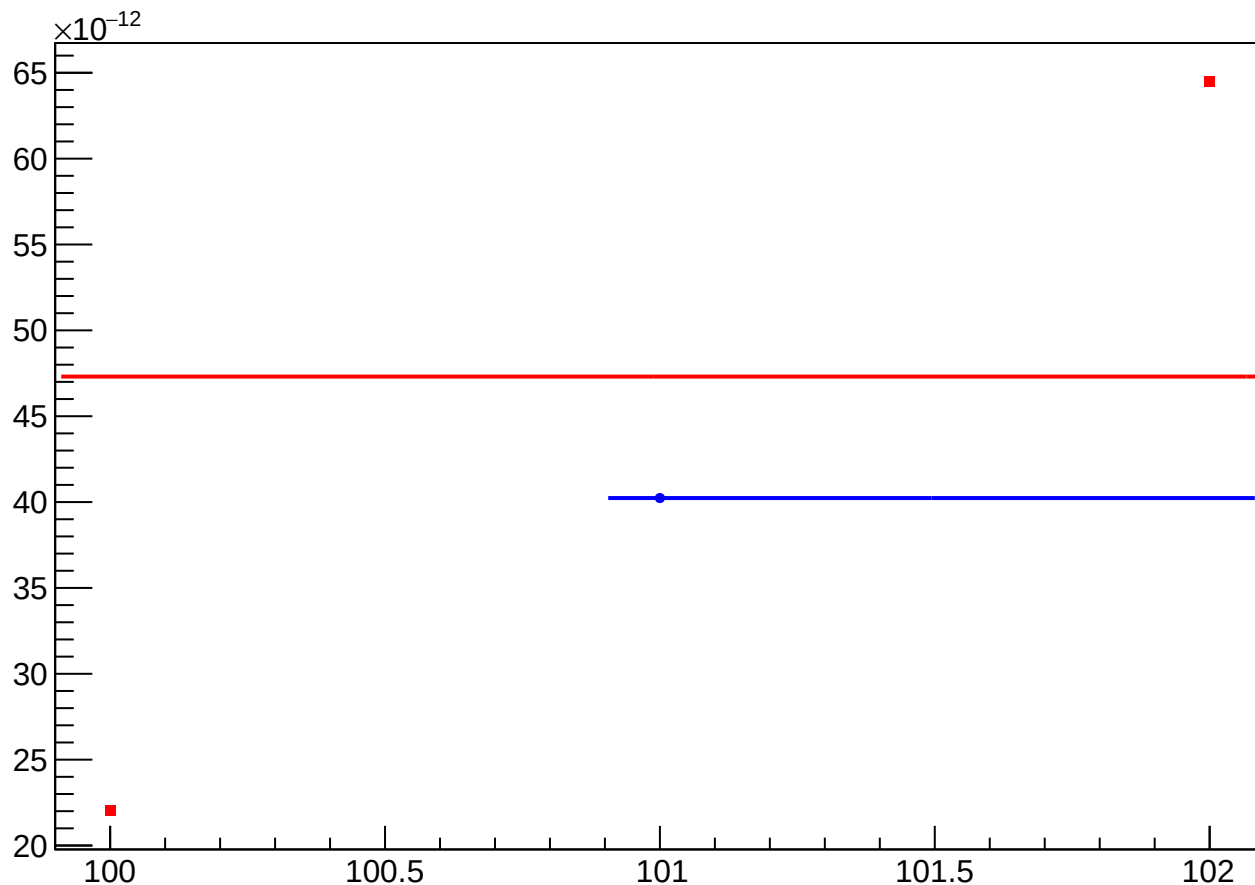
Right: 0.000+/-0.000 χ^2/NDF : 0.0/2

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 : 0.0/2

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_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 : 83010.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

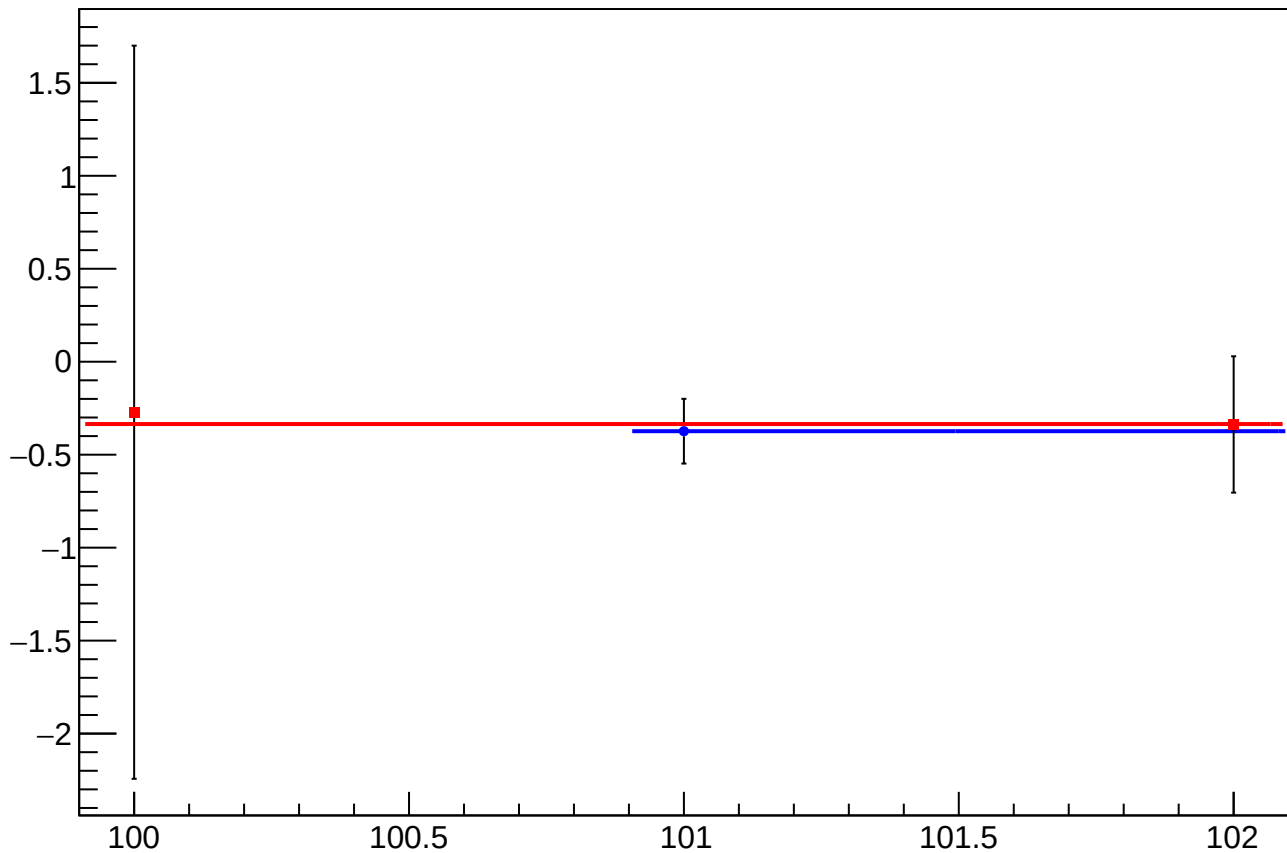
Right: 0.000+/-0.000 χ^2/NDF : 89547.6/2

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 : 89547.6/2

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.374+/-0.174 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.335+/-0.360 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

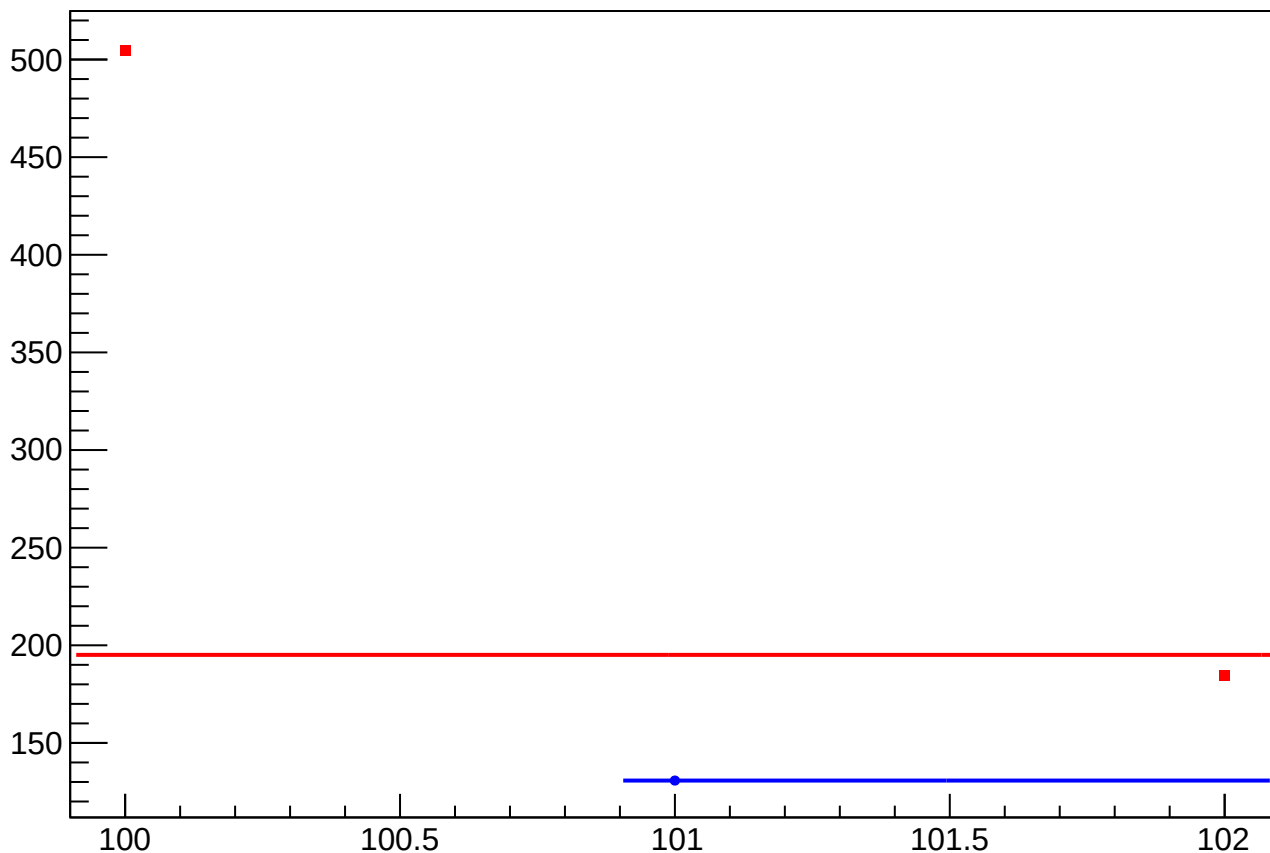
Right: -0.366+/-0.157 χ^2/NDF : 0.0/2

In: -0.374+/-0.174 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.366+/-0.157 χ^2/NDF : 0.0/2

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.729 $\pm$ 0.123 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 195.093 $\pm$ 0.255 χ^2 /NDF: 51025.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

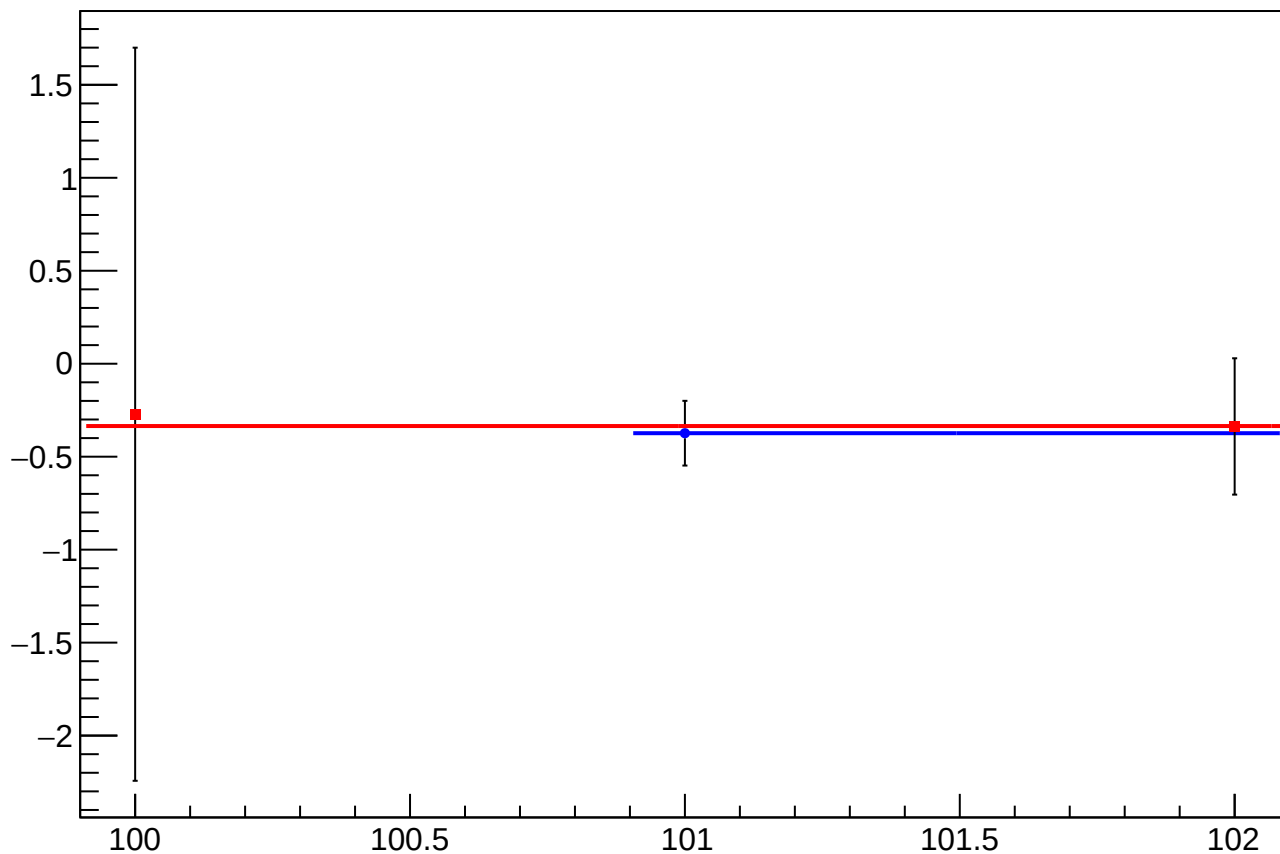
Right: 142.895 $\pm$ 0.111 χ^2 /NDF: 102744.0/2

In: 130.729 $\pm$ 0.123 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 142.895 $\pm$ 0.111 χ^2 /NDF: 102744.0/2

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.374+/-0.174 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.335+/-0.360 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

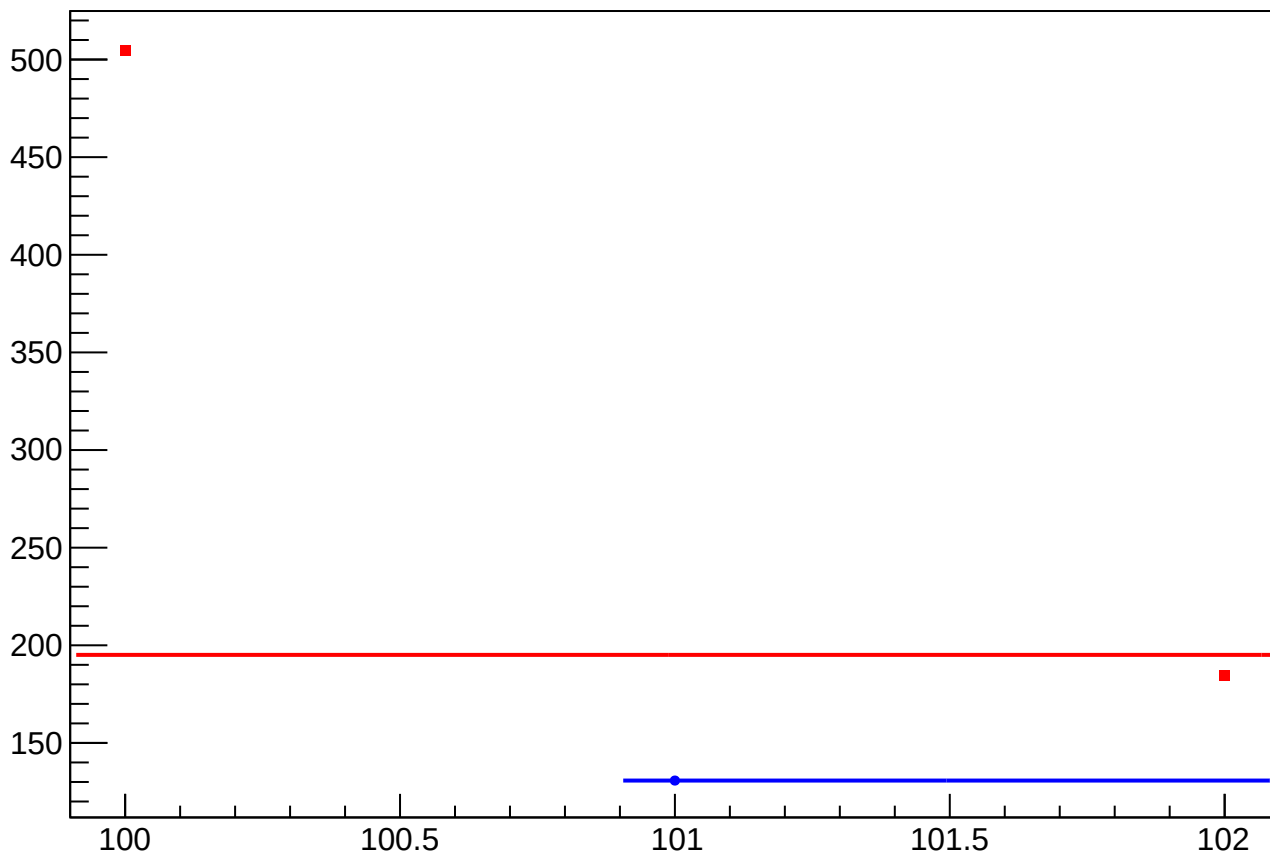
Right: -0.366+/-0.157 χ^2/NDF : 0.0/2

In: -0.374+/-0.174 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.366+/-0.157 χ^2/NDF : 0.0/2

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.729 $\pm$ 0.123 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 195.093 $\pm$ 0.255 χ^2 /NDF: 51025.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

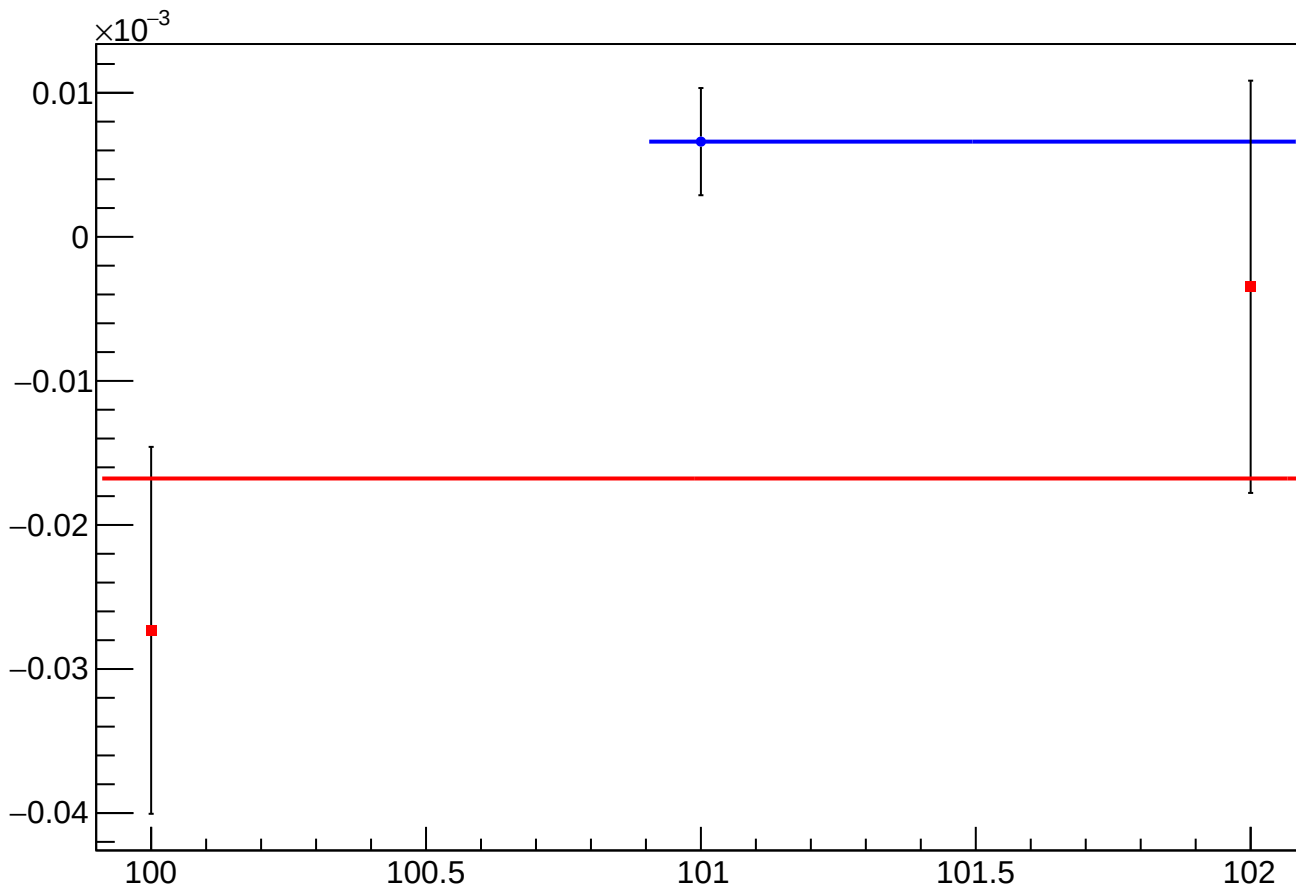
Right: 142.895 $\pm$ 0.111 χ^2 /NDF: 102744.0/2

In: 130.729 $\pm$ 0.123 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 142.895 $\pm$ 0.111 χ^2 /NDF: 102744.0/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

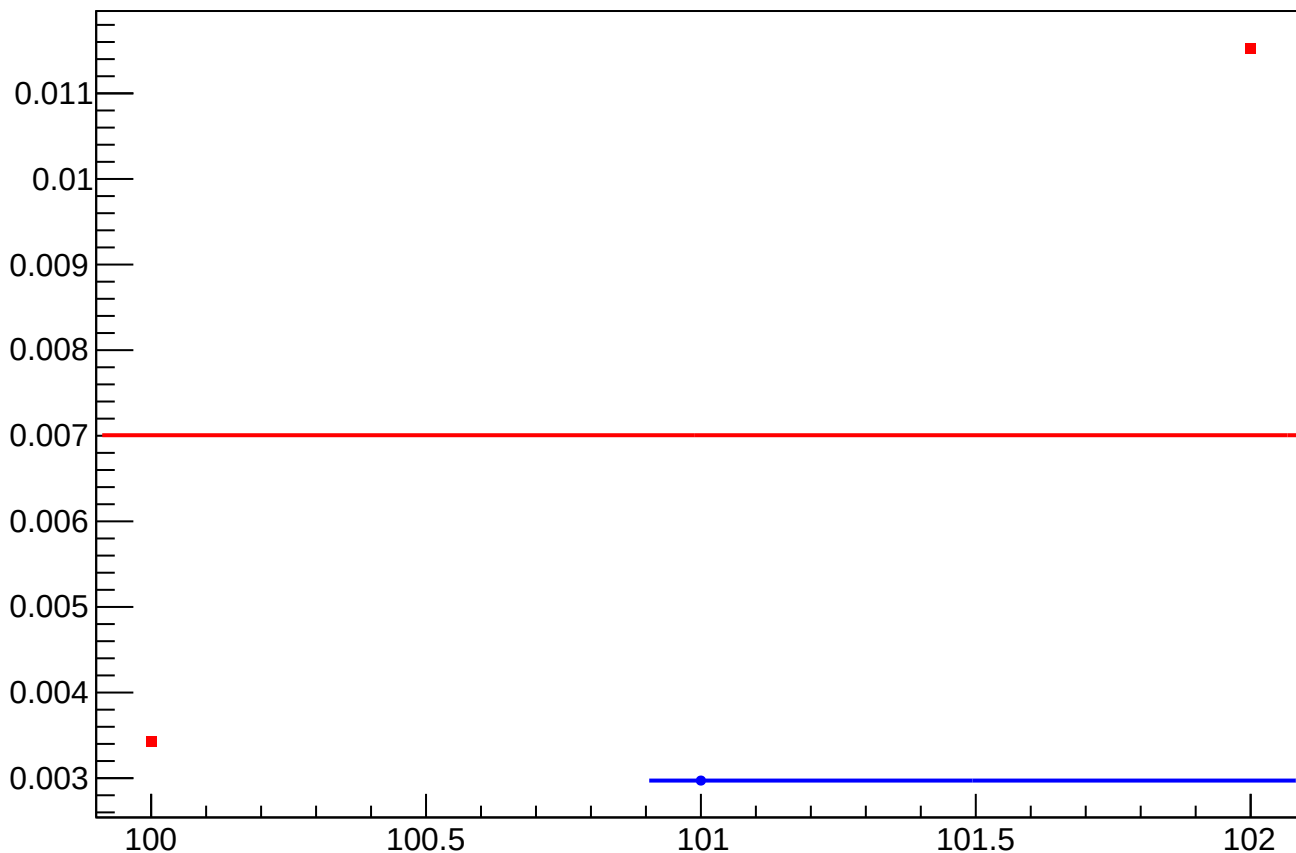
Right: 0.000+/-0.000 χ^2/NDF : 6.8/2

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 : 6.8/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 357232.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

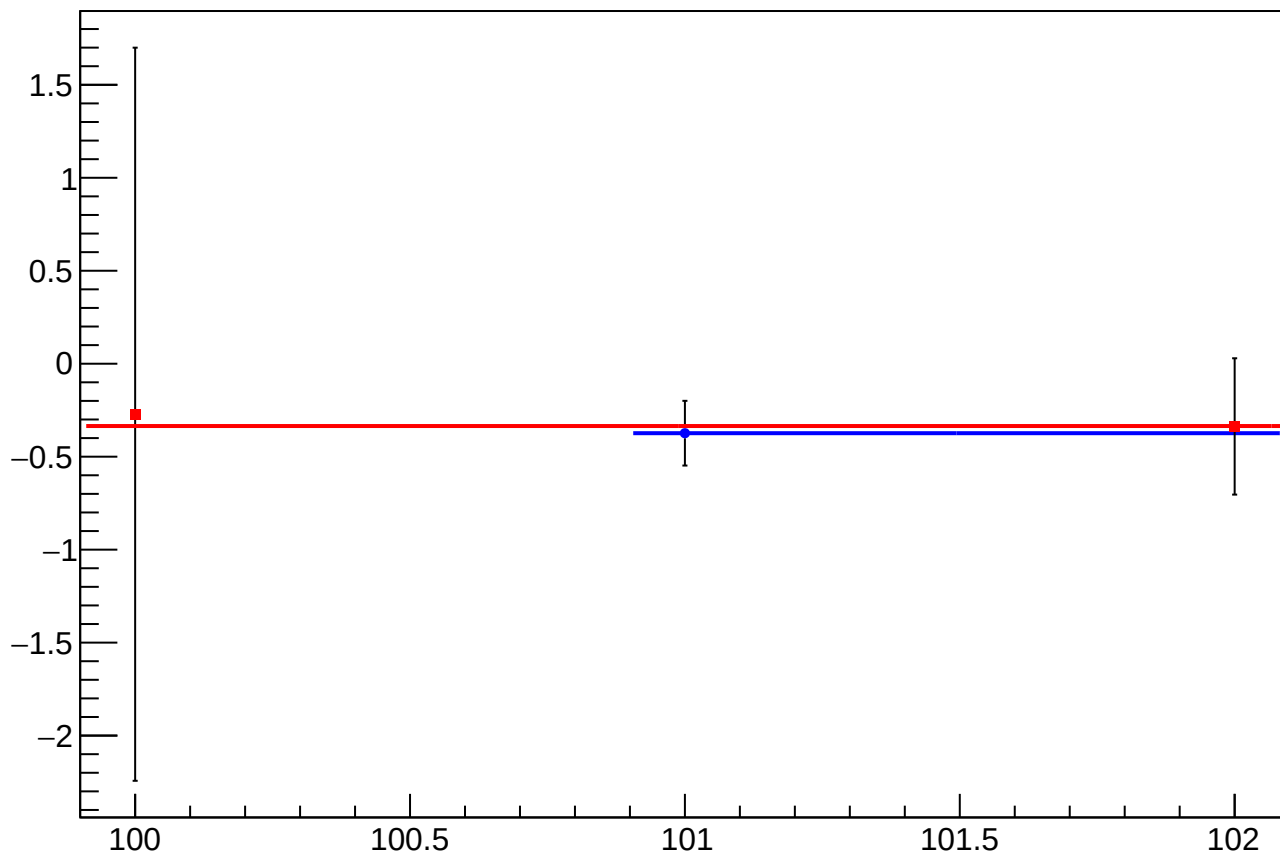
Right: 0.004+/-0.000 χ^2/NDF : 669215.1/2

In: 0.003+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 669215.1/2

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.374+/-0.174 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.335+/-0.360 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

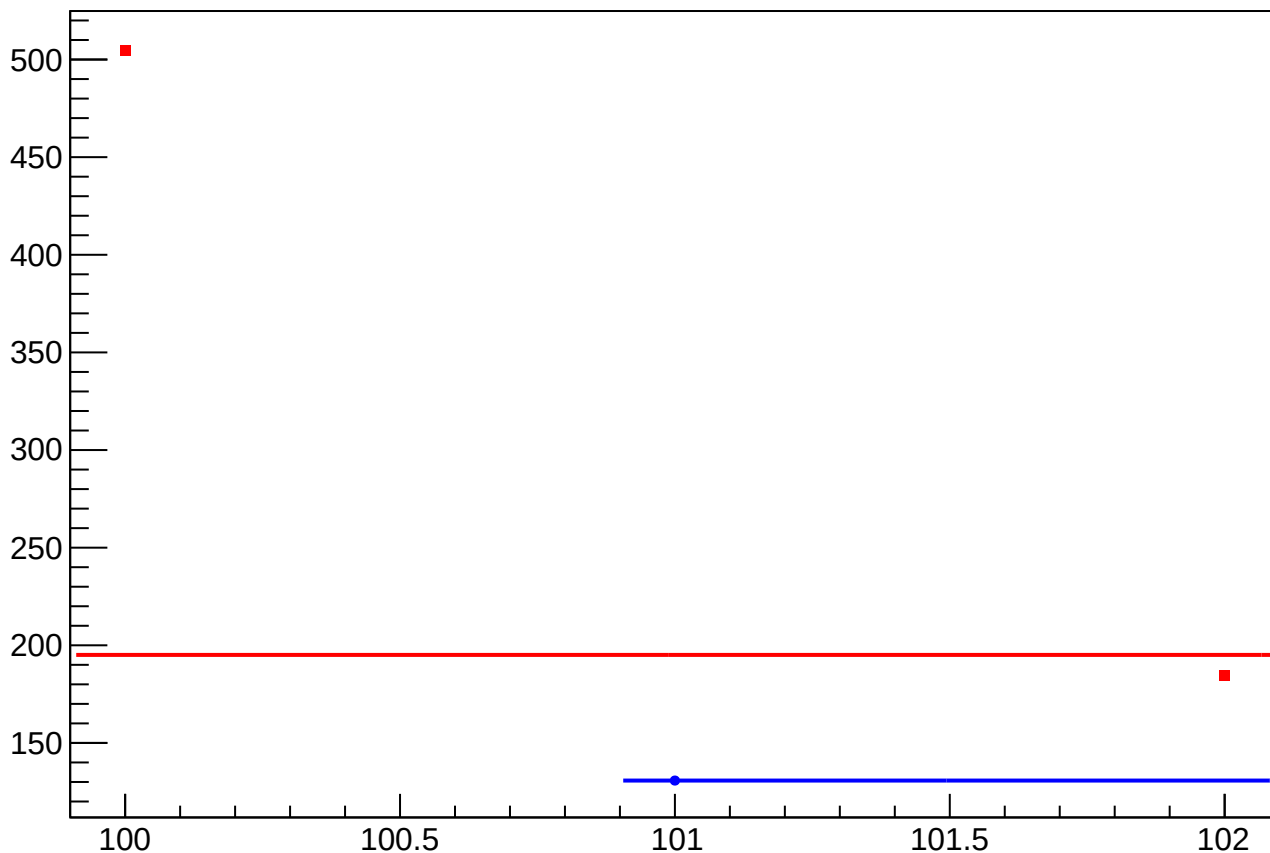
Right: -0.366+/-0.157 χ^2/NDF : 0.0/2

In: -0.374+/-0.174 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.366+/-0.157 χ^2/NDF : 0.0/2

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.729 $\pm$ 0.123 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 195.080 $\pm$ 0.255 χ^2 /NDF: 51029.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

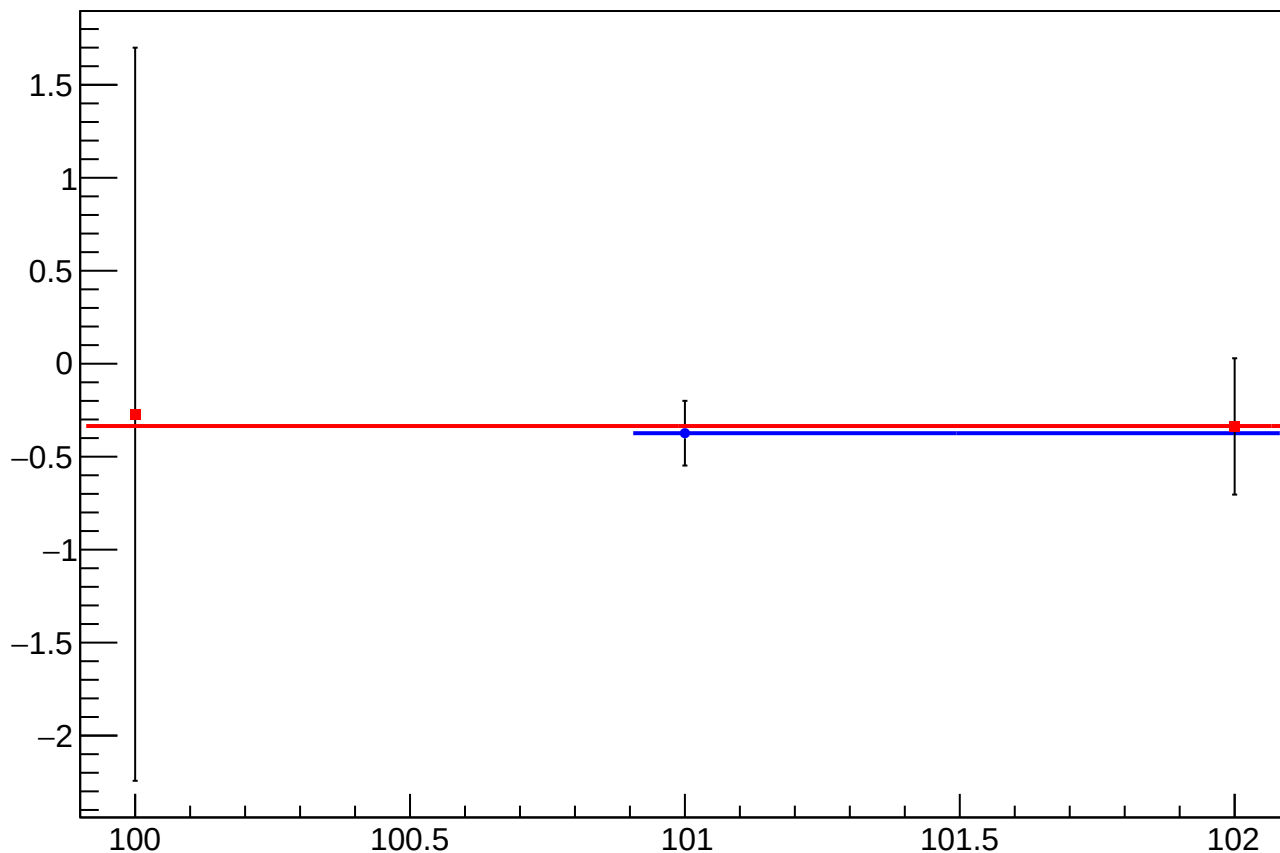
Right: 142.893 $\pm$ 0.111 χ^2 /NDF: 102729.7/2

In: 130.729 $\pm$ 0.123 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 142.893 $\pm$ 0.111 χ^2 /NDF: 102729.7/2

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.374+/-0.174 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.335+/-0.360 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

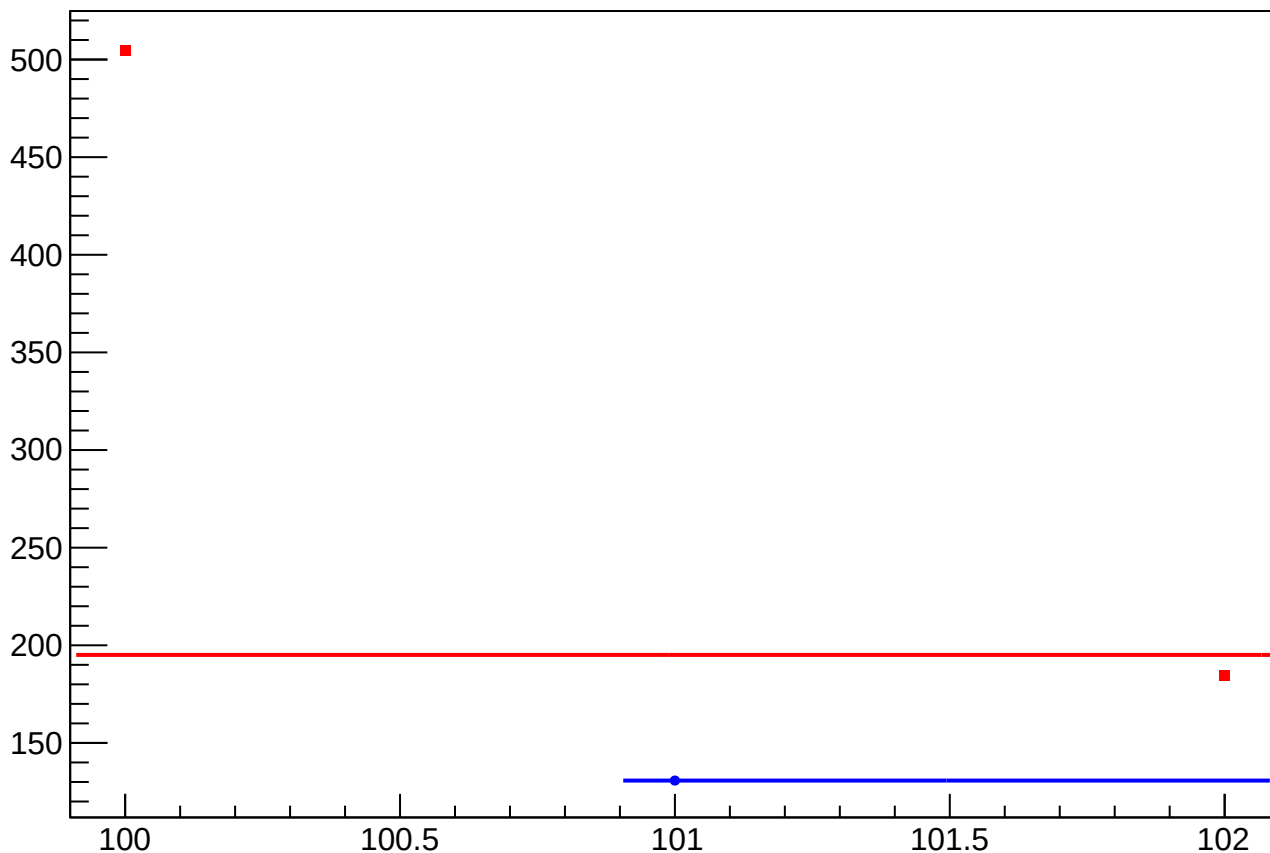
Right: -0.366+/-0.157 χ^2/NDF : 0.0/2

In: -0.374+/-0.174 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.366+/-0.157 χ^2/NDF : 0.0/2

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.729+/-0.123 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 195.080+/-0.255 χ^2/NDF : 51029.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

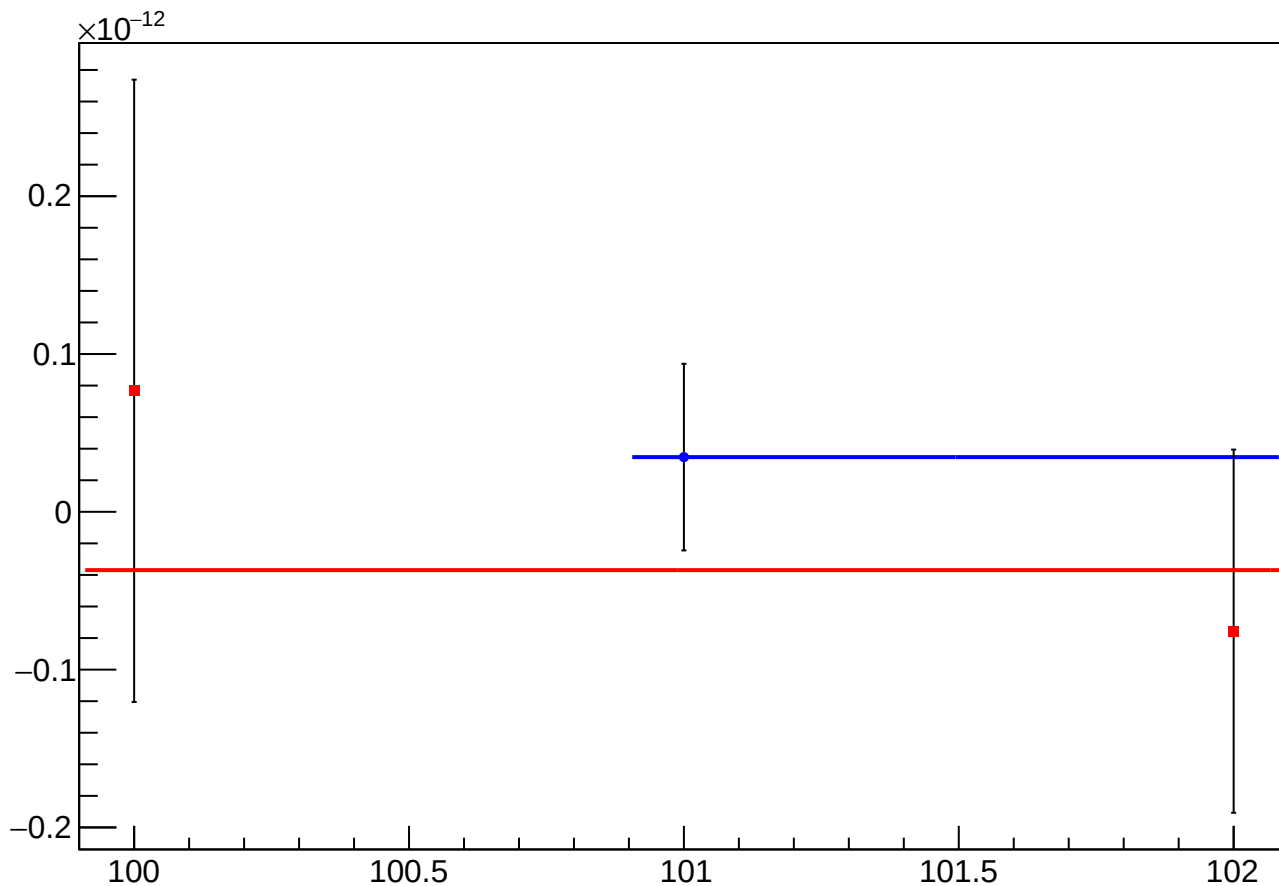
Right: 142.893+/-0.111 χ^2/NDF : 102729.7/2

In: 130.729+/-0.123 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.893+/-0.111 χ^2/NDF : 102729.7/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

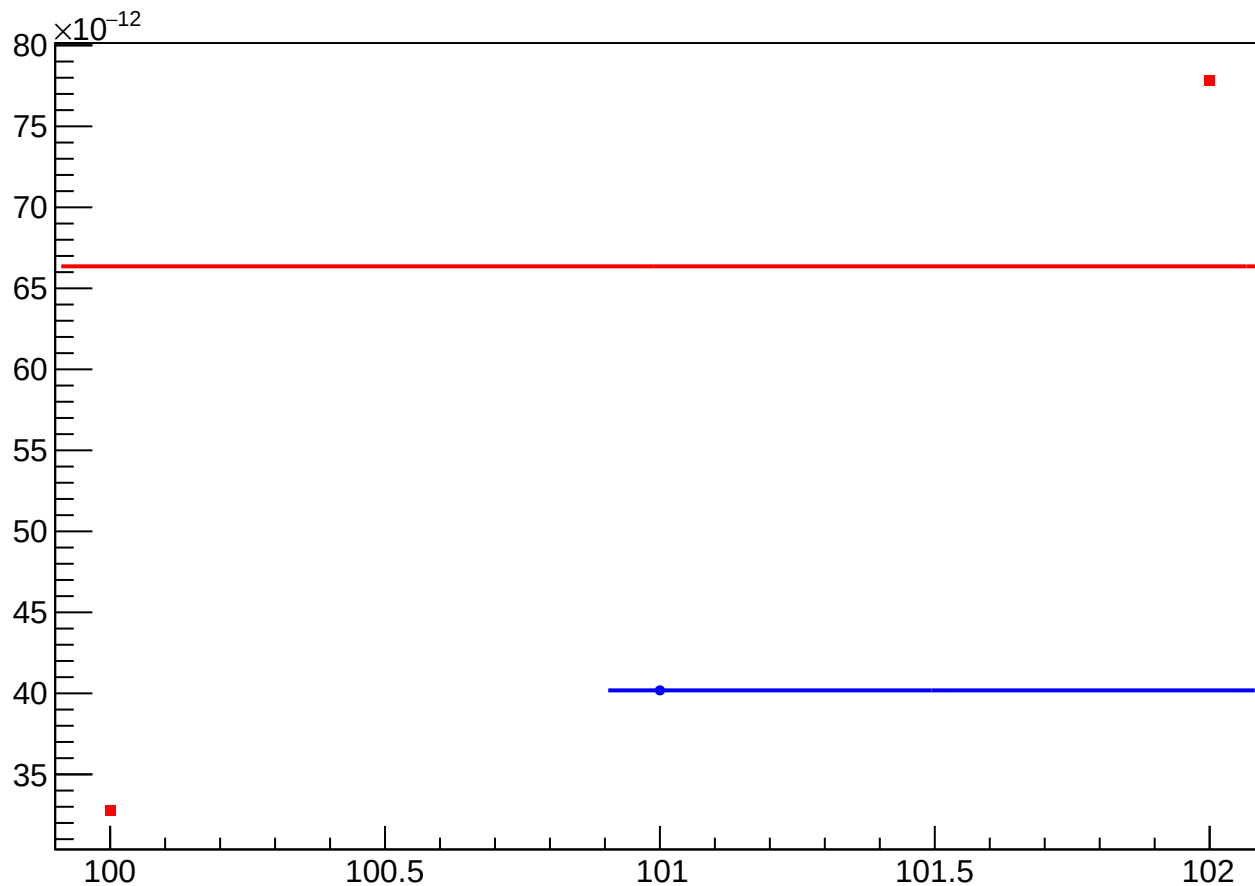
Right: 0.000+/-0.000 χ^2/NDF : 0.8/2

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 : 0.8/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 77806.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

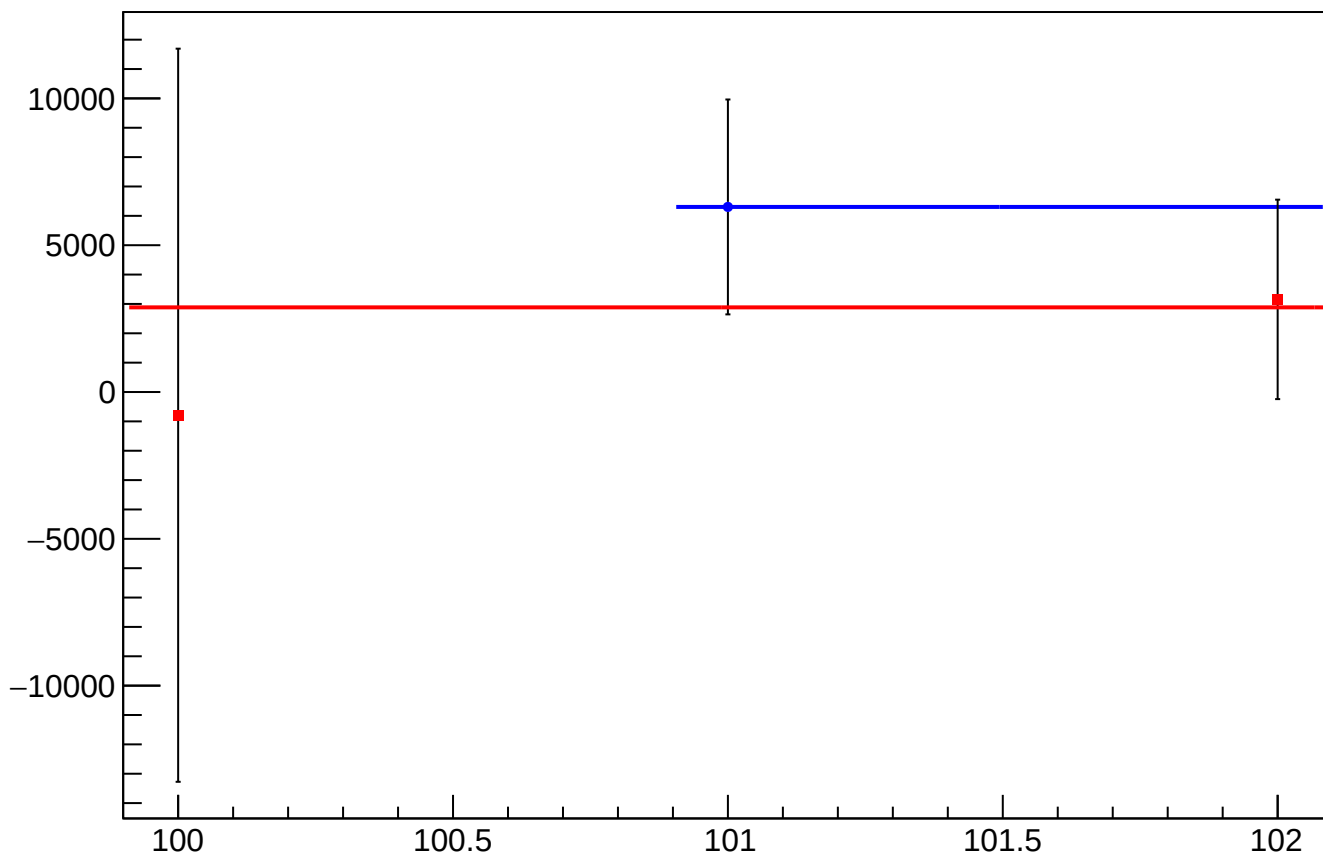
Right: 0.000+/-0.000 χ^2/NDF : 180244.2/2

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 : 180244.2/2

reg_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: 6303.457+/-3659.292 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2883.078+/-3277.112 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

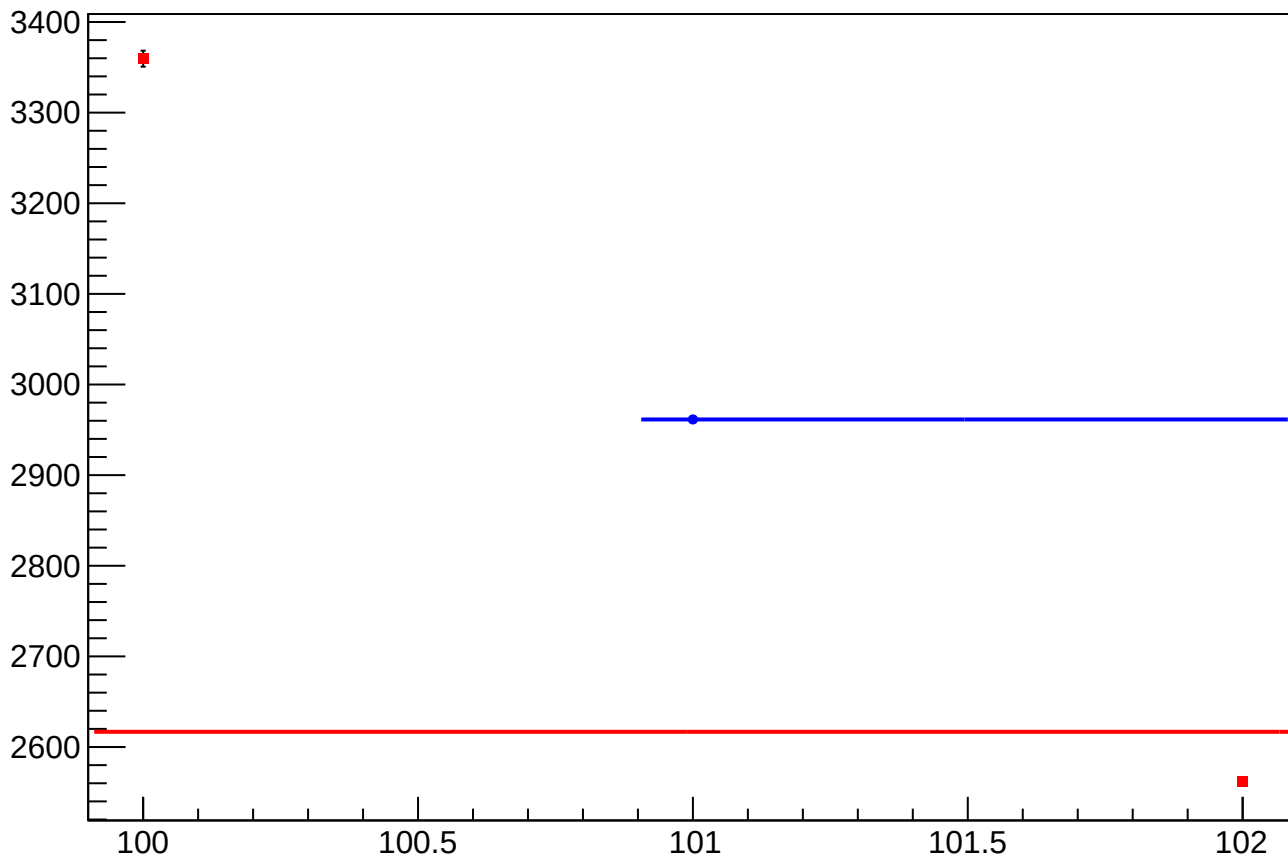
Right: 4405.383+/-2441.241 χ^2/NDF : 0.6/2

In: 6303.457+/-3659.292 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4405.383+/-2441.241 χ^2/NDF : 0.6/2

reg_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2961.442 $\pm$ 2.588 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2616.786 $\pm$ 2.317 χ^2 /NDF: 7603.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

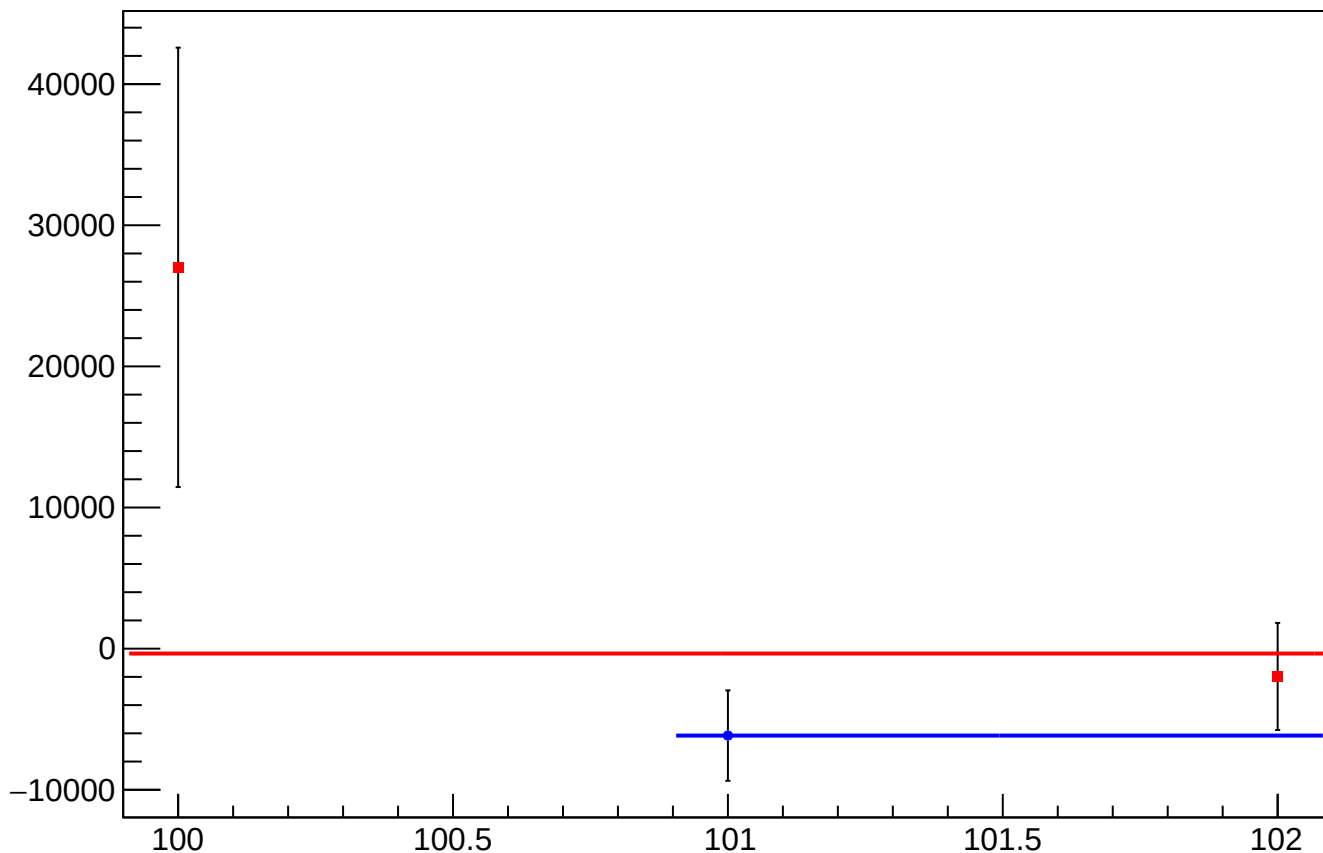
Right: 2770.181 $\pm$ 1.726 χ^2 /NDF: 17449.1/2

In: 2961.442 $\pm$ 2.588 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2770.181 $\pm$ 1.726 χ^2 /NDF: 17449.1/2

asym_us_dd_at2lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -6159.290+/-3203.921 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -345.634+/-3684.740 χ^2/NDF : 3.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

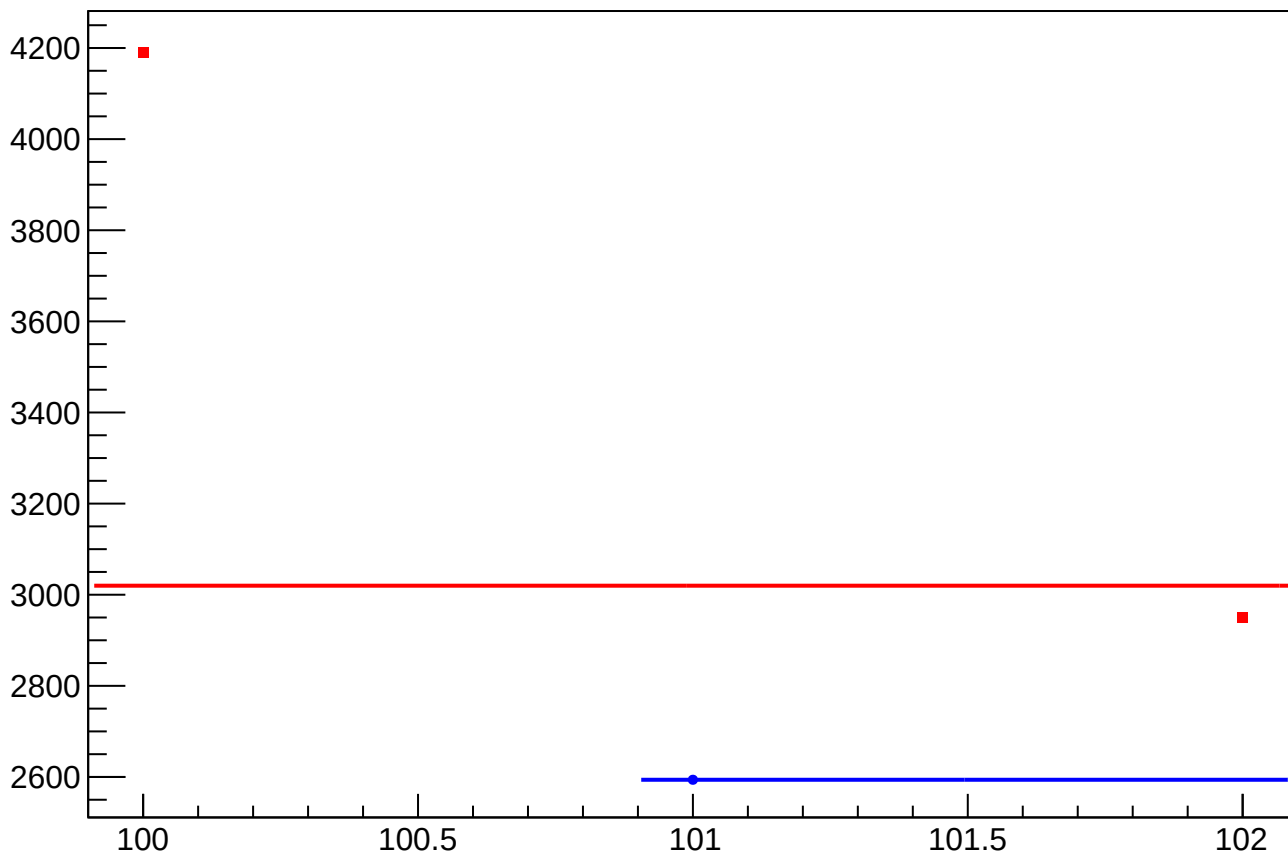
Right: -3656.279+/-2417.762 χ^2/NDF : 4.7/2

In: -6159.290+/-3203.921 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3656.279+/-2417.762 χ^2/NDF : 4.7/2

asym_us_dd_at2lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2593.848+/-2.266 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3019.814+/-2.606 χ^2/NDF : 11968.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

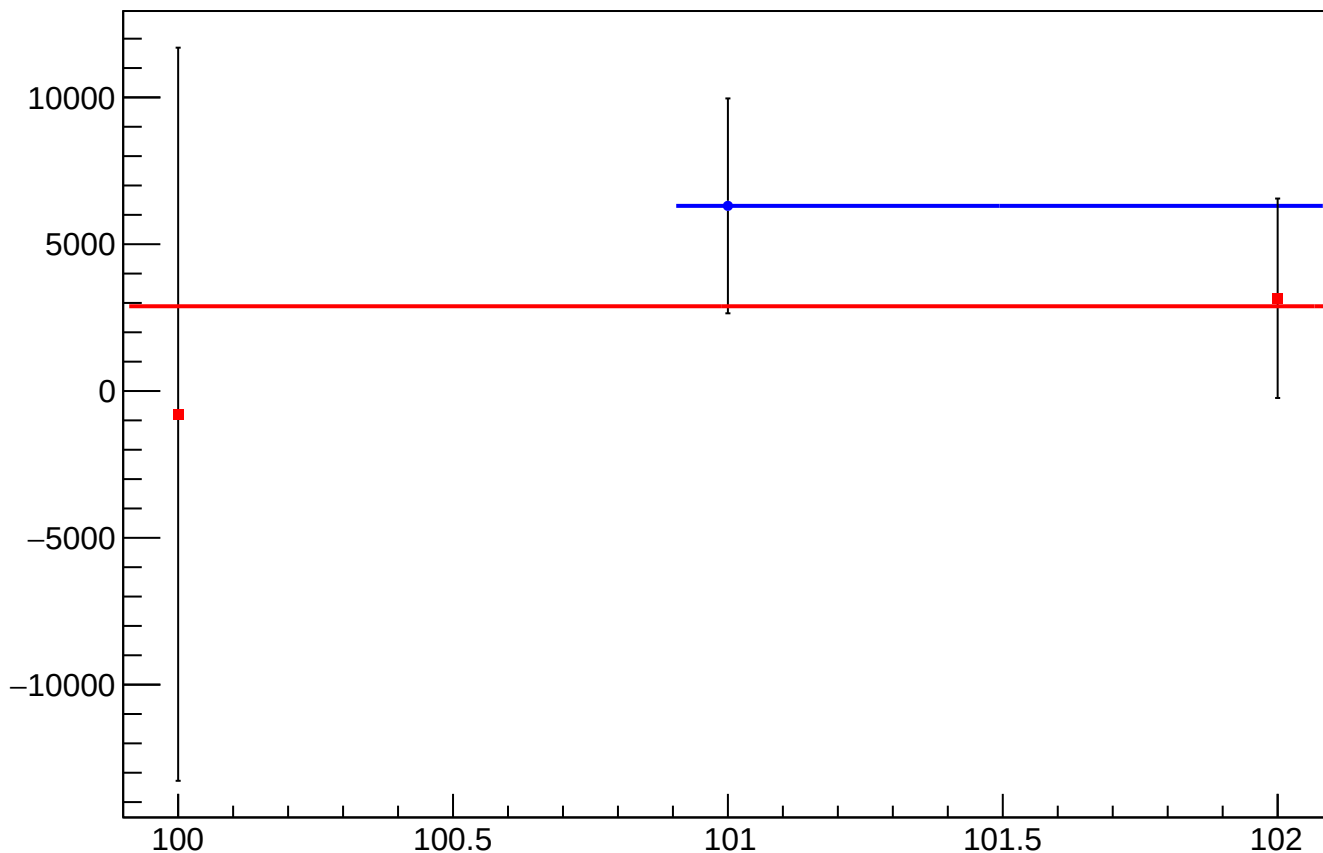
Right: 2777.243+/-1.710 χ^2/NDF : 27188.7/2

In: 2593.848+/-2.266 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2777.243+/-1.710 χ^2/NDF : 27188.7/2

cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: 6305.904 $\pm$ 3659.295 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2886.816 $\pm$ 3277.114 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

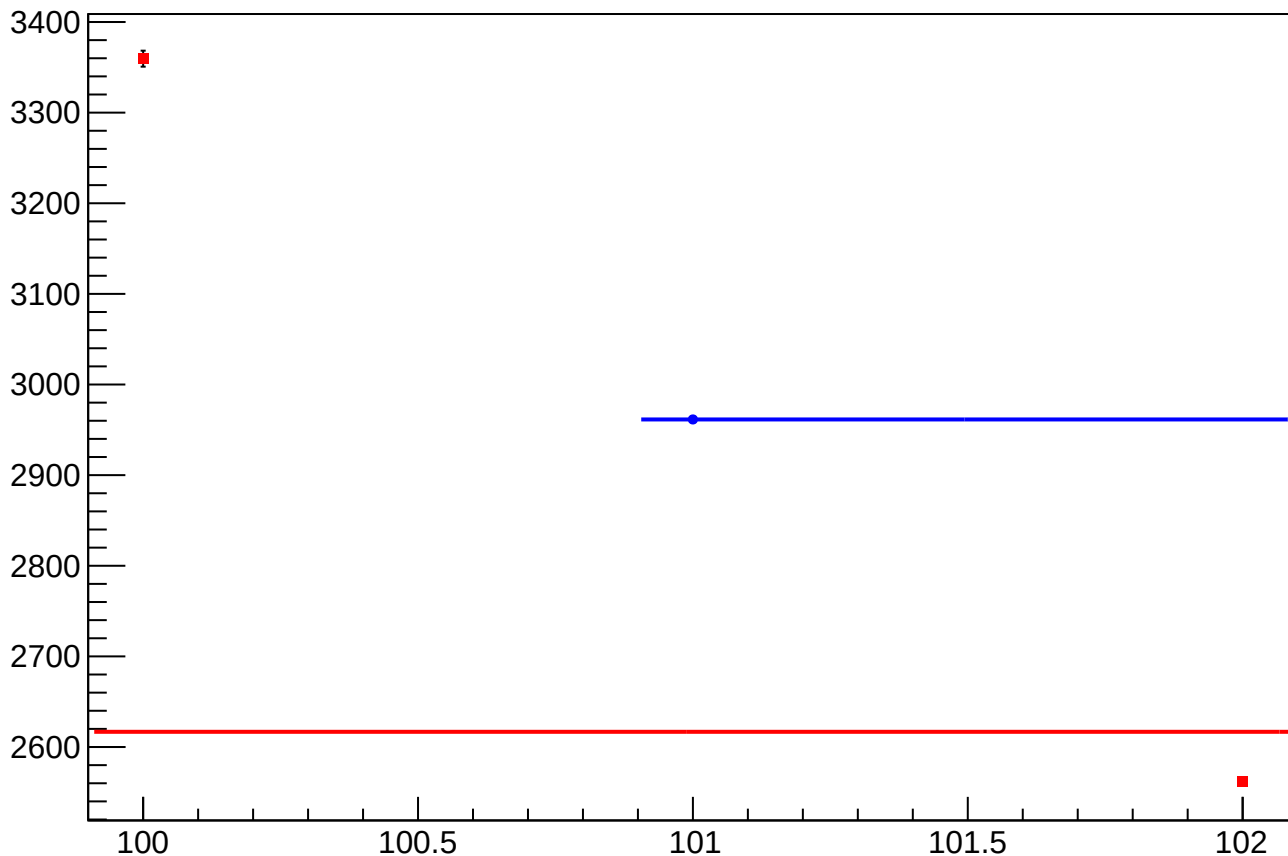
Right: 4408.546 $\pm$ 2441.243 χ^2 /NDF: 0.6/2

In: 6305.904 $\pm$ 3659.295 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4408.546 $\pm$ 2441.243 χ^2 /NDF: 0.6/2

cor_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2961.443+/-2.588 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2616.784+/-2.317 χ^2/NDF : 7603.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

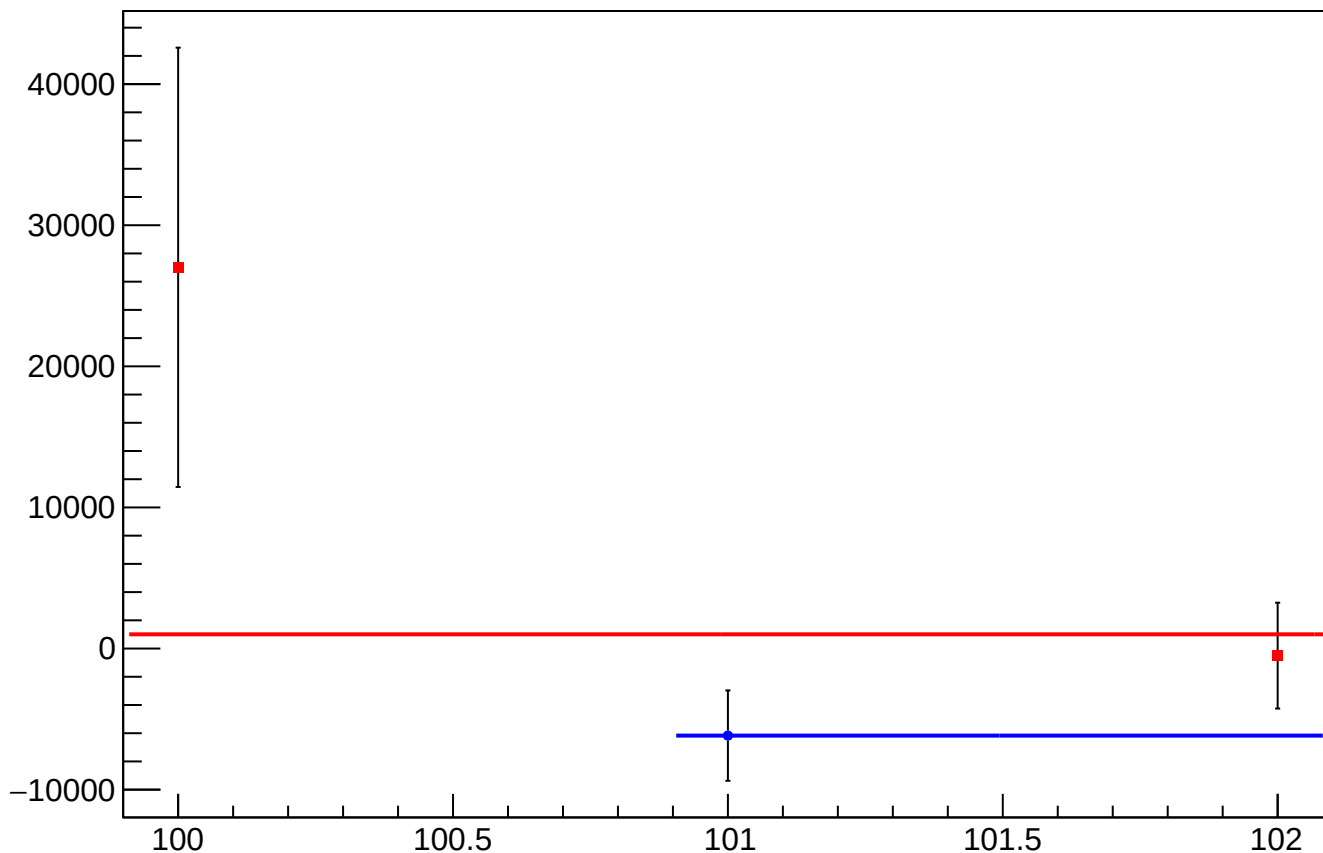
Right: 2770.180+/-1.726 χ^2/NDF : 17449.3/2

In: 2961.443+/-2.588 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2770.180+/-1.726 χ^2/NDF : 17449.3/2

asym_us_dd_at2lr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -6169.865 ± 3202.681 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1007.588 ± 3646.134 $\chi^2/\text{NDF}: 3.0/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

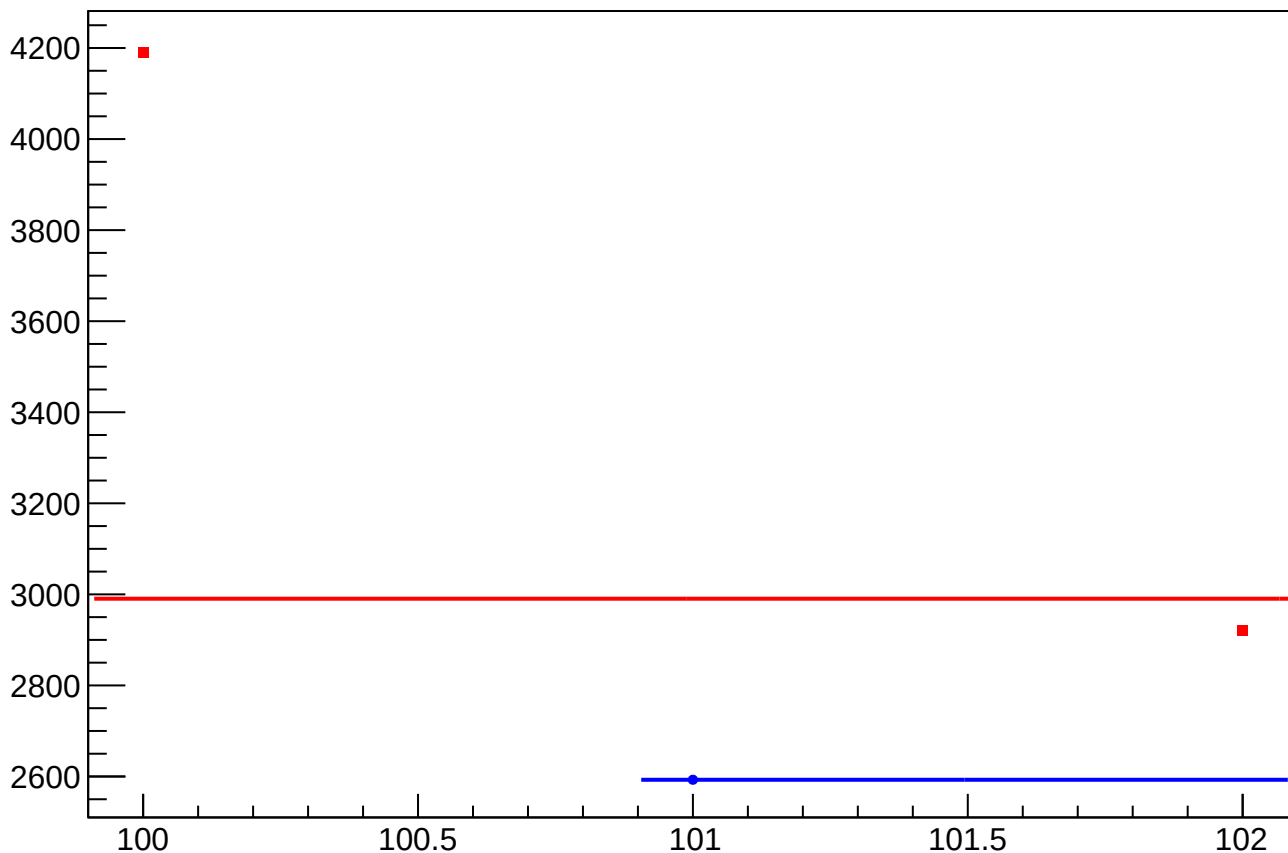
Right: -3043.930 ± 2406.231 $\chi^2/\text{NDF}: 5.1/2$

In: -6169.865 ± 3202.681 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -3043.930 ± 2406.231 $\chi^2/\text{NDF}: 5.1/2$

asym_us_dd_at2lr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2592.796 $\pm$ 2.265 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2990.477 $\pm$ 2.578 χ^2 /NDF: 12560.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

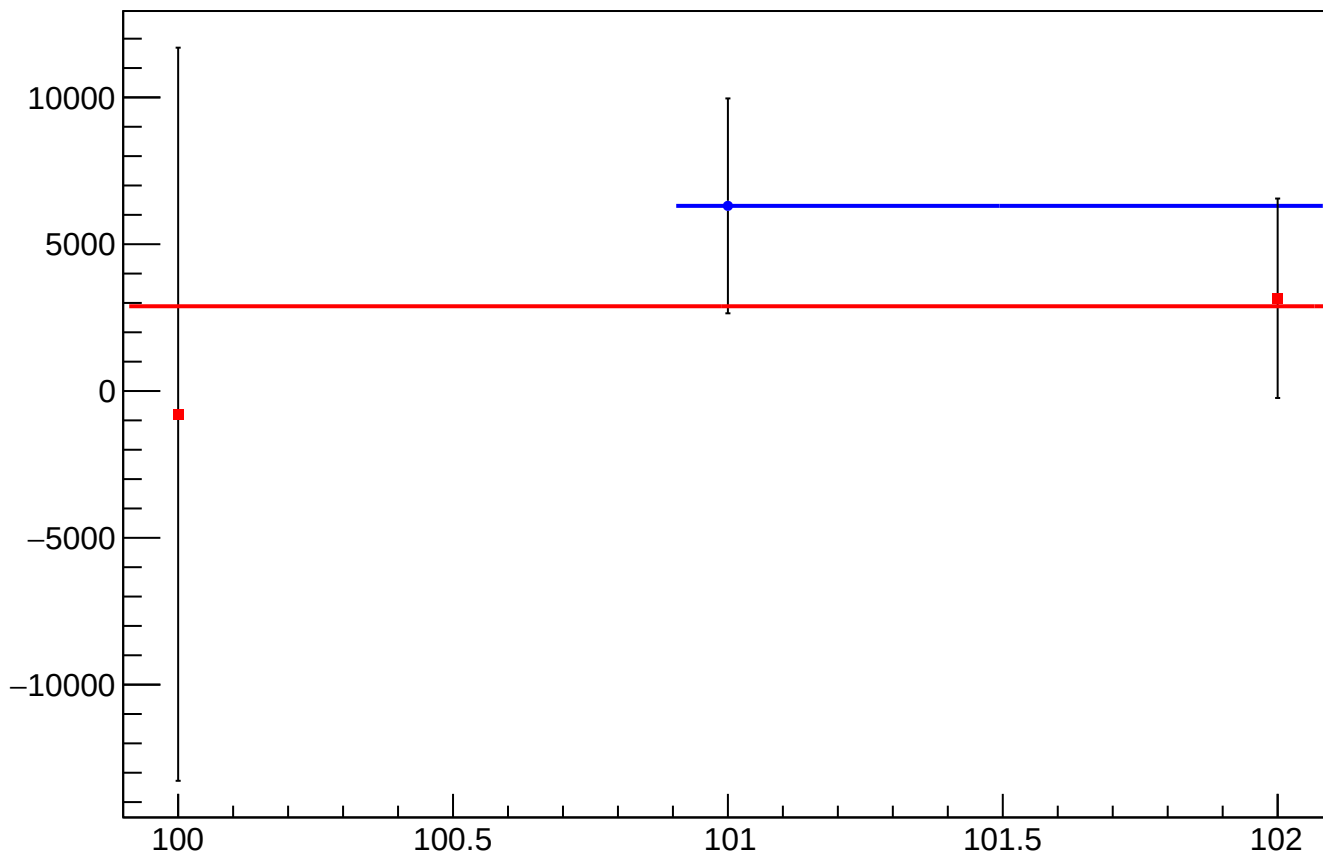
Right: 2765.994 $\pm$ 1.701 χ^2 /NDF: 25990.7/2

In: 2592.796 $\pm$ 2.265 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2765.994 $\pm$ 1.701 χ^2 /NDF: 25990.7/2

eigen_cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: 6305.904+/-3659.295 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2886.816+/-3277.114 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

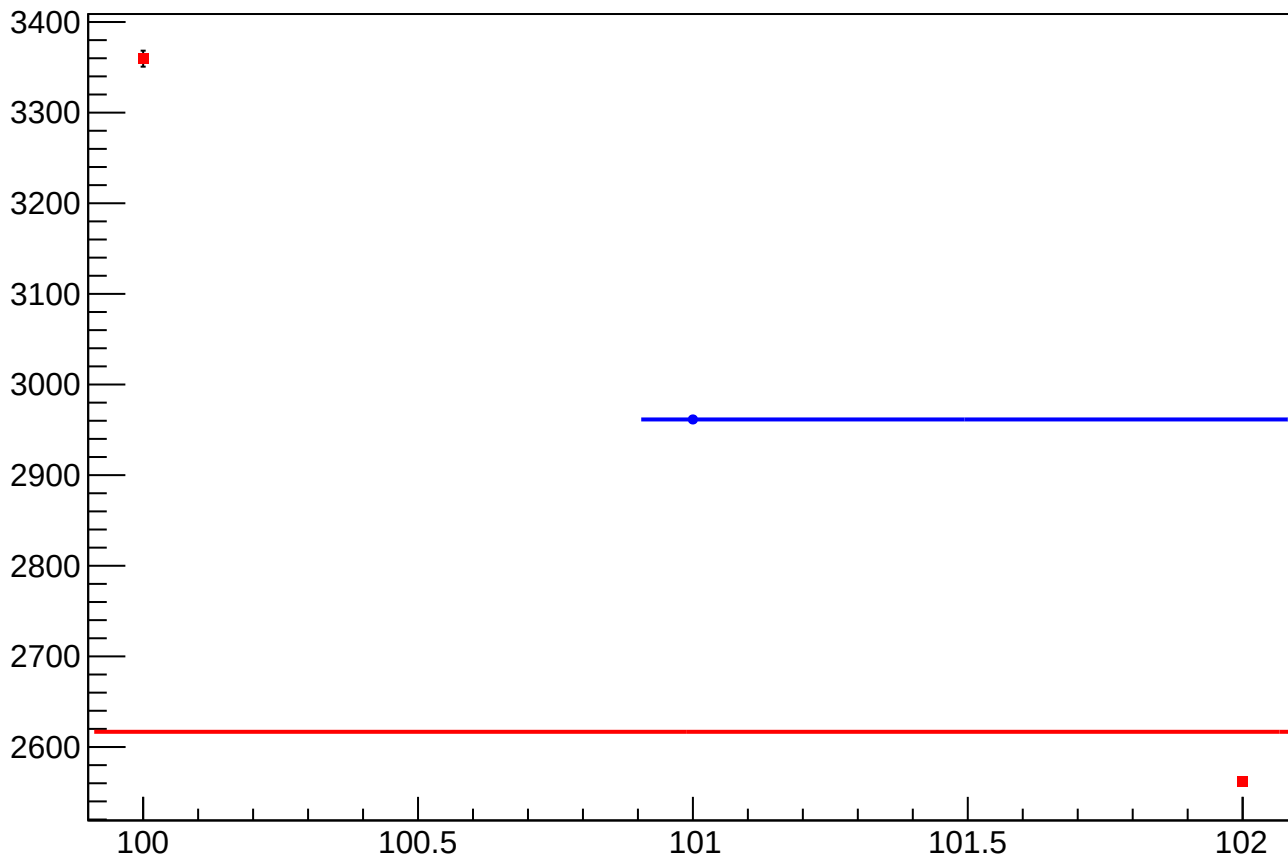
Right: 4408.546+/-2441.243 χ^2/NDF : 0.6/2

In: 6305.904+/-3659.295 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4408.546+/-2441.243 χ^2/NDF : 0.6/2

eigen_cor_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2961.443 $\pm$ 2.588 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2616.784 $\pm$ 2.317 χ^2 /NDF: 7603.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

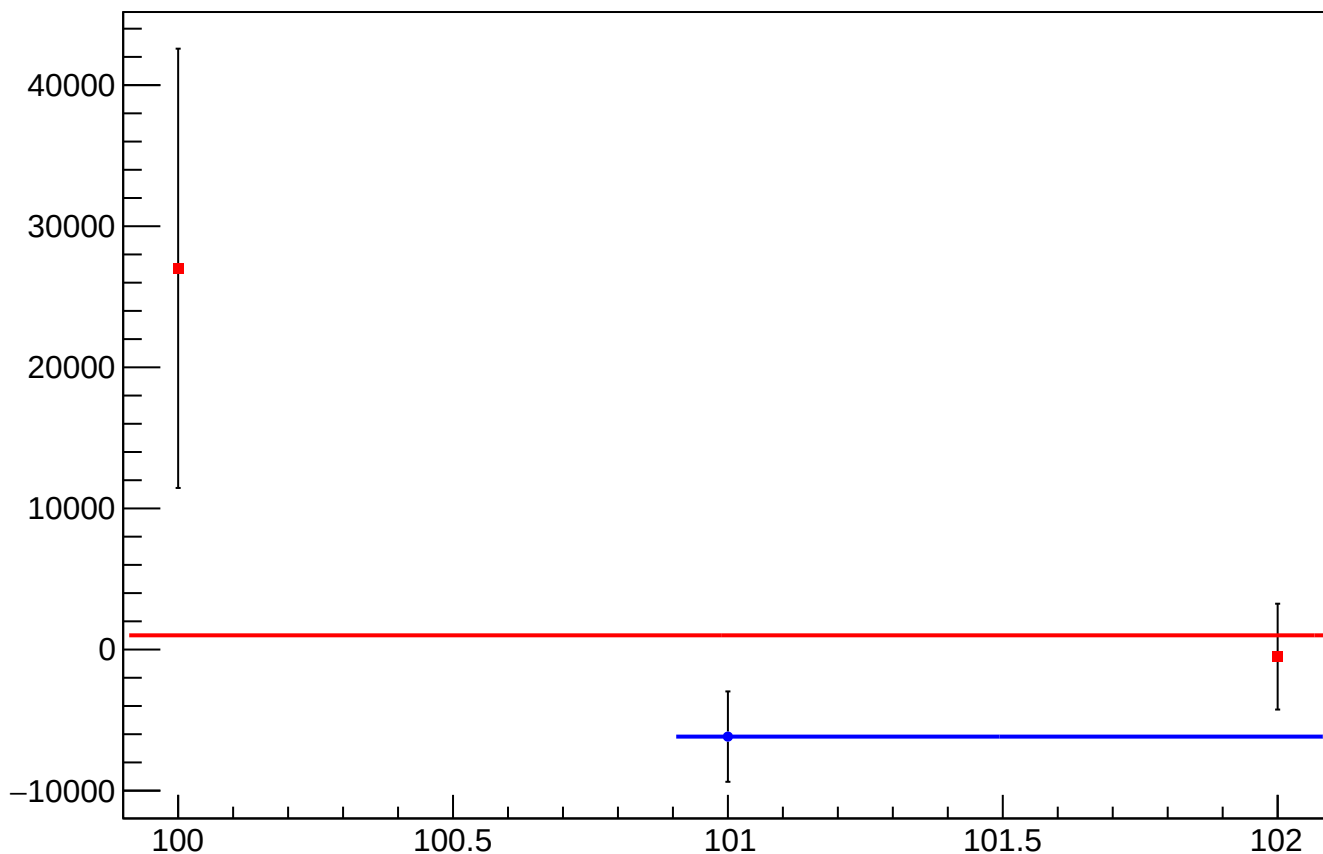
Right: 2770.180 $\pm$ 1.726 χ^2 /NDF: 17449.3/2

In: 2961.443 $\pm$ 2.588 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2770.180 $\pm$ 1.726 χ^2 /NDF: 17449.3/2

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -6169.865+/-3202.681 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1007.588+/-3646.134 χ^2/NDF : 3.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

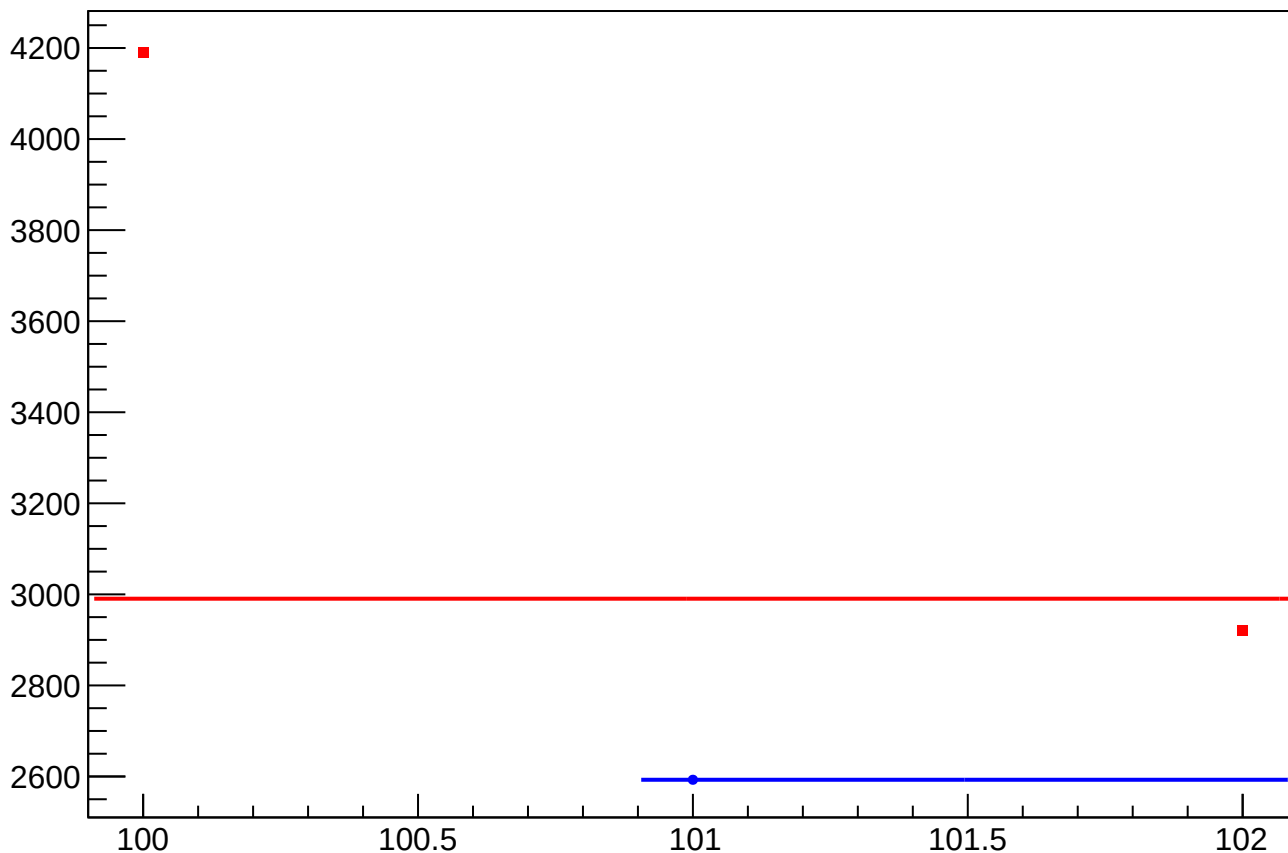
Right: -3043.930+/-2406.231 χ^2/NDF : 5.1/2

In: -6169.865+/-3202.681 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3043.930+/-2406.231 χ^2/NDF : 5.1/2

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2592.796+/-2.265 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2990.477+/-2.578 χ^2/NDF : 12560.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

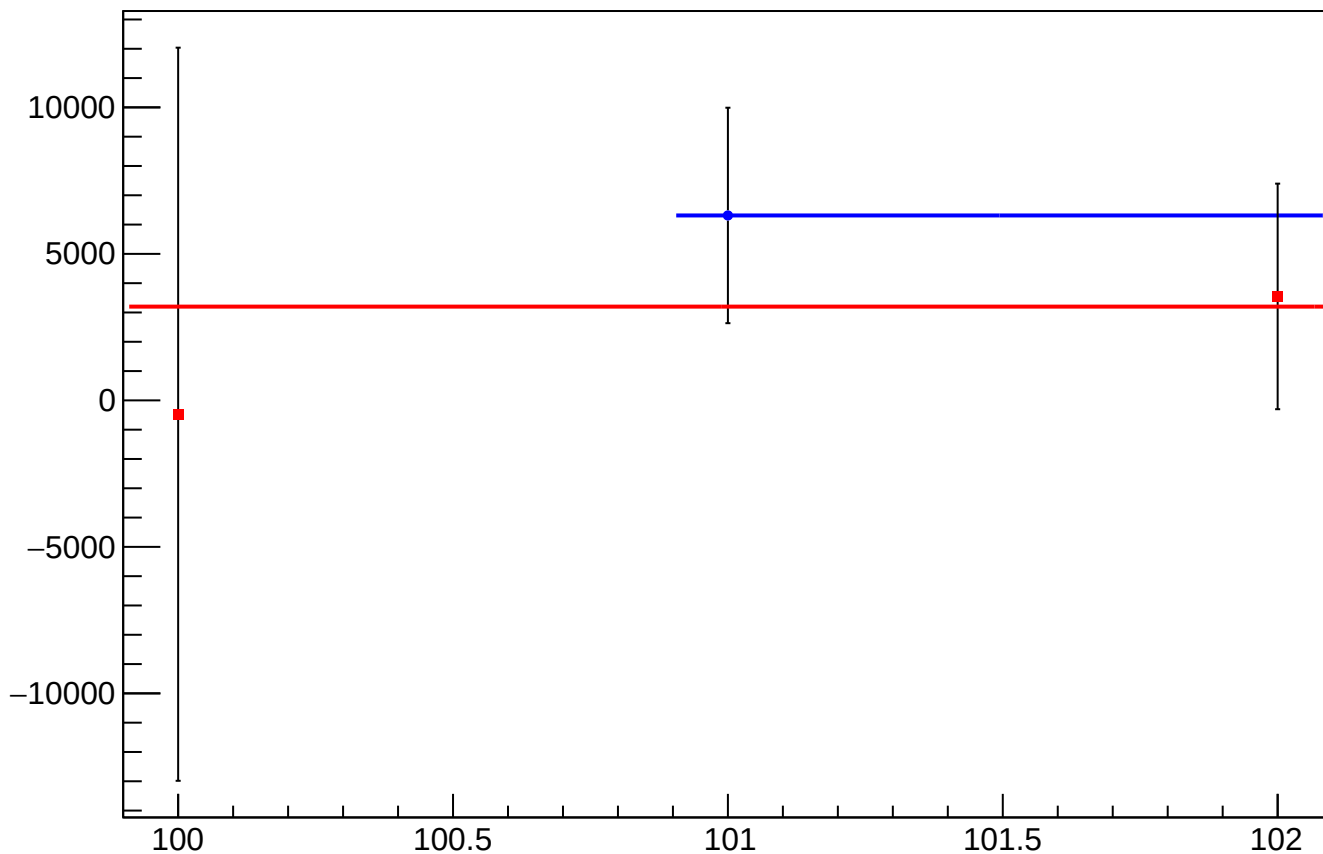
Right: 2765.994+/-1.701 χ^2/NDF : 25990.7/2

In: 2592.796+/-2.265 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2765.994+/-1.701 χ^2/NDF : 25990.7/2

dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: 6311.426+/-3676.839 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3200.152+/-3678.972 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

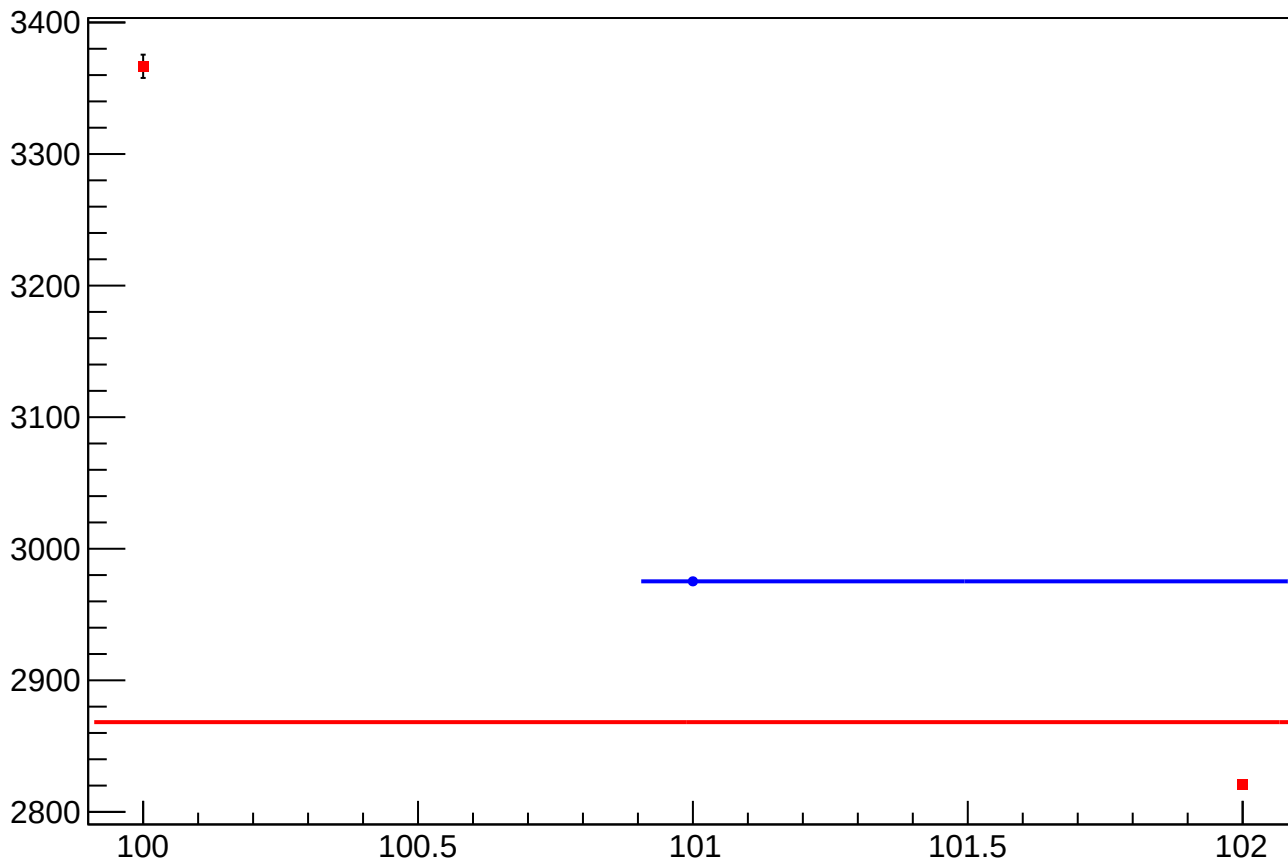
Right: 4756.692+/-2600.672 χ^2/NDF : 0.5/2

In: 6311.426+/-3676.839 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4756.692+/-2600.672 χ^2/NDF : 0.5/2

dit_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2975.234+/-2.600 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2868.223+/-2.601 χ^2/NDF : 3475.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

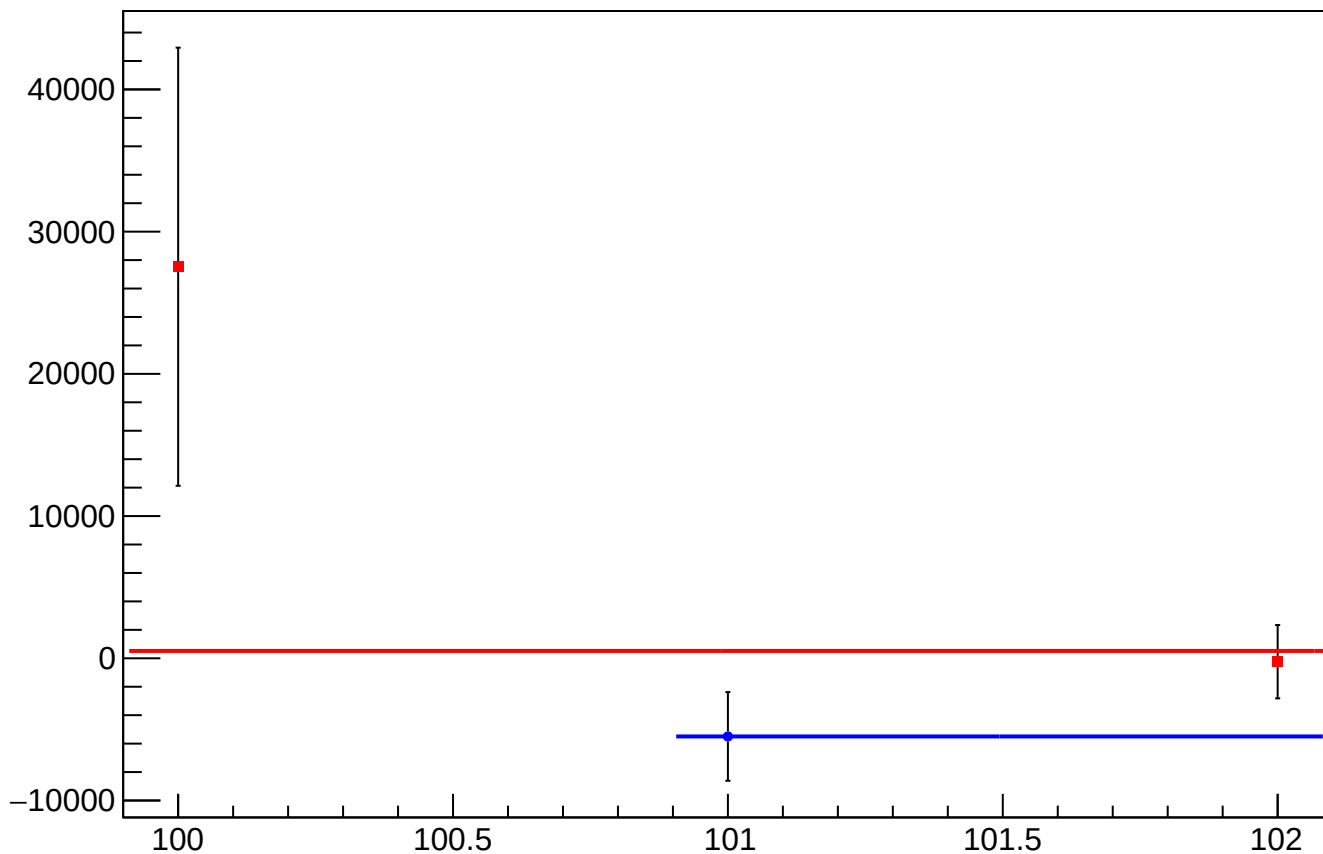
Right: 2921.759+/-1.839 χ^2/NDF : 4321.7/2

In: 2975.234+/-2.600 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2921.759+/-1.839 χ^2/NDF : 4321.7/2

asym_us_dd_at2lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -5495.983+/-3118.488 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 517.047+/-2542.785 χ^2/NDF : 3.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

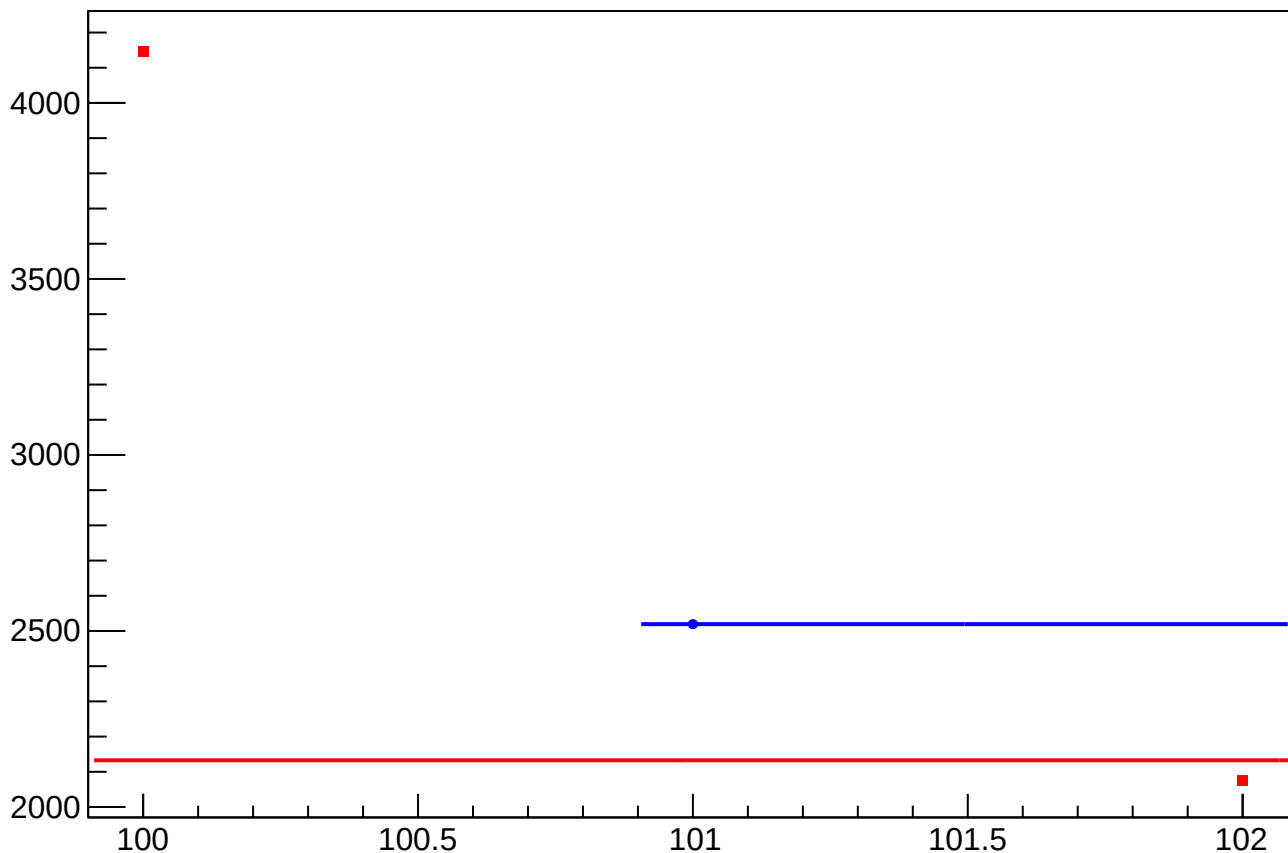
Right: -1884.252+/-1970.700 χ^2/NDF : 5.4/2

In: -5495.983+/-3118.488 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1884.252+/-1970.700 χ^2/NDF : 5.4/2

asym_us_dd_at2lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2519.411 $\pm$ 2.205 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2132.655 $\pm$ 1.798 χ^2 /NDF: 35129.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

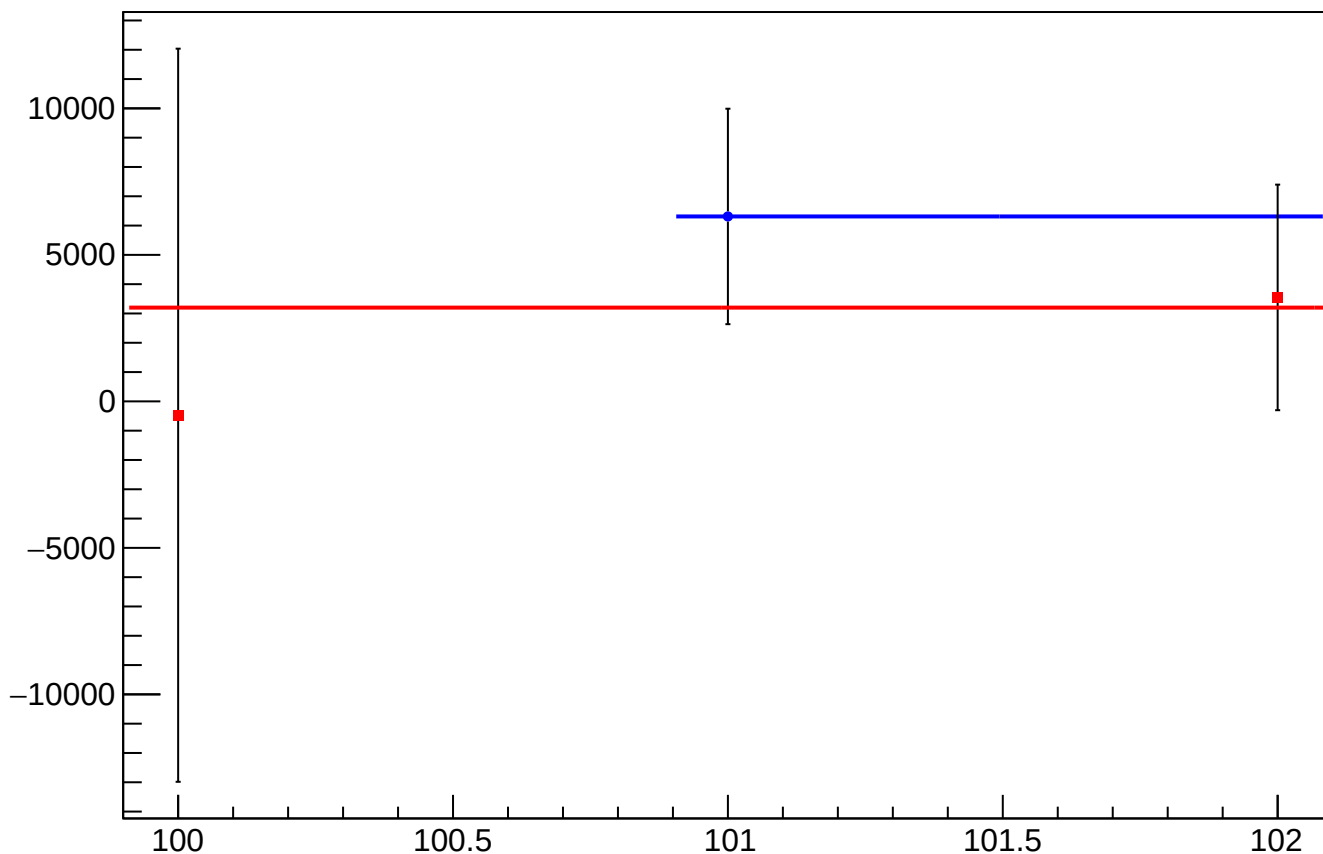
Right: 2287.106 $\pm$ 1.393 χ^2 /NDF: 53606.4/2

In: 2519.411 $\pm$ 2.205 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2287.106 $\pm$ 1.393 χ^2 /NDF: 53606.4/2

eigen_dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: 6311.467 $\pm$ 3676.838 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3200.144 $\pm$ 3678.972 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

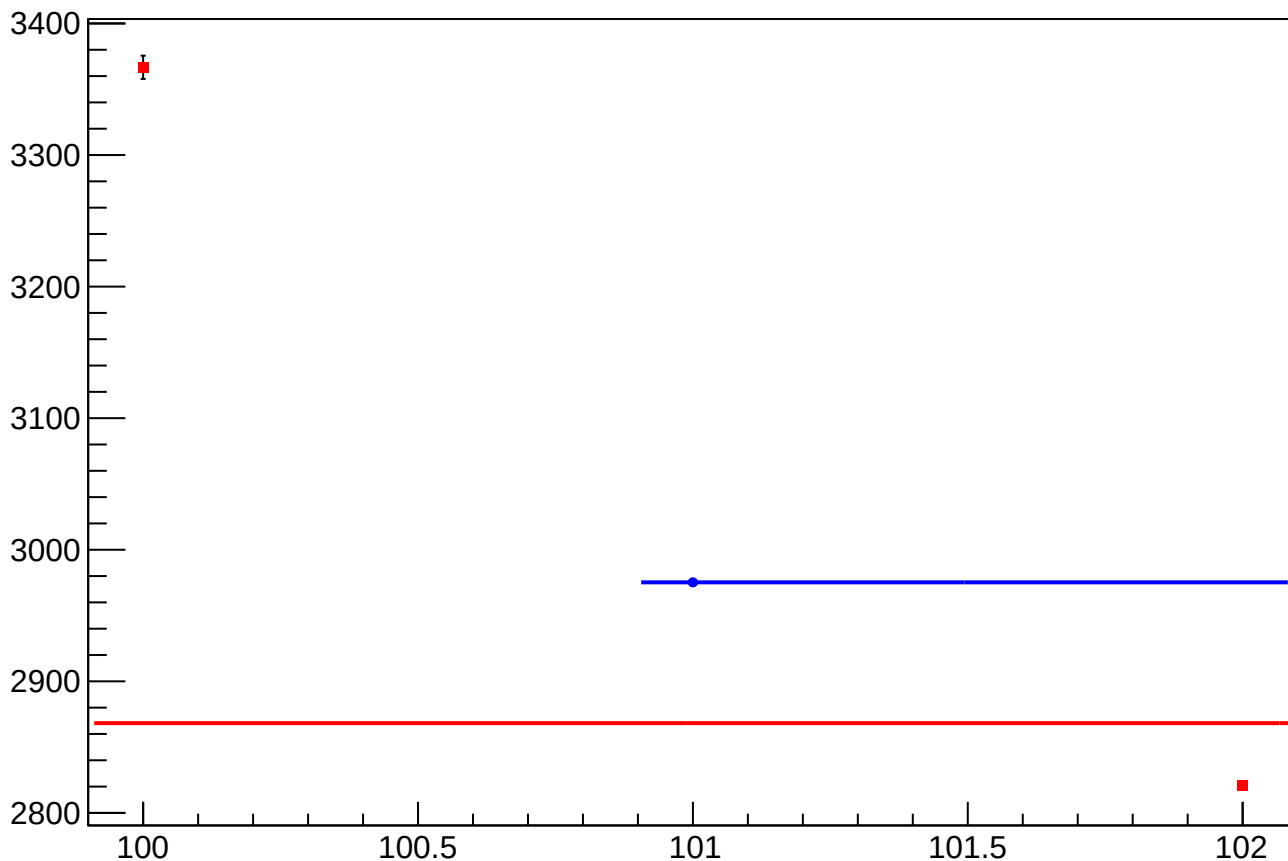
Right: 4756.708 $\pm$ 2600.671 χ^2 /NDF: 0.5/2

In: 6311.467 $\pm$ 3676.838 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4756.708 $\pm$ 2600.671 χ^2 /NDF: 0.5/2

eigen_dit_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2975.234+/-2.600 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2868.223+/-2.601 χ^2/NDF : 3475.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

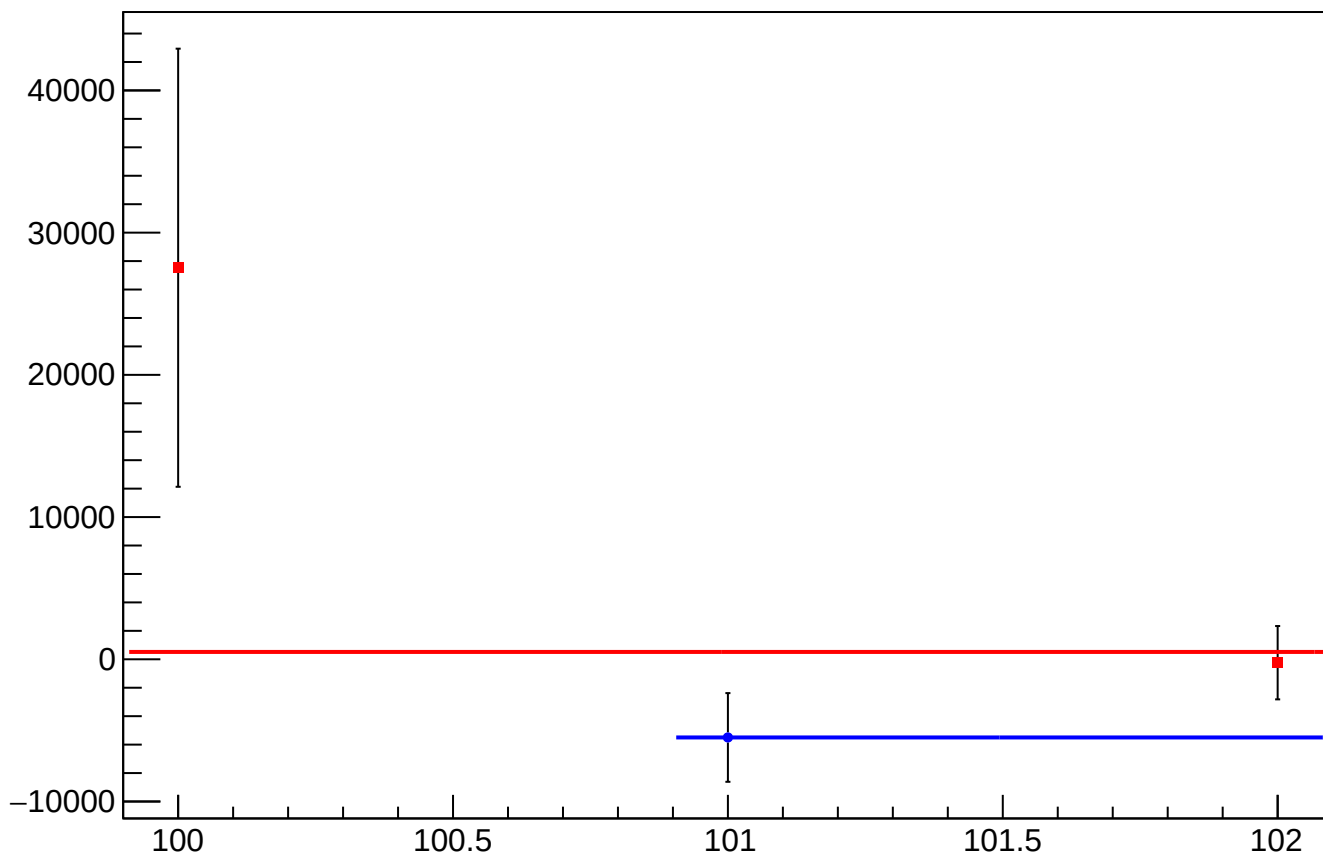
Right: 2921.759+/-1.839 χ^2/NDF : 4321.7/2

In: 2975.234+/-2.600 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2921.759+/-1.839 χ^2/NDF : 4321.7/2

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -5495.963+/-3118.472 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 517.055+/-2542.792 χ^2/NDF : 3.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

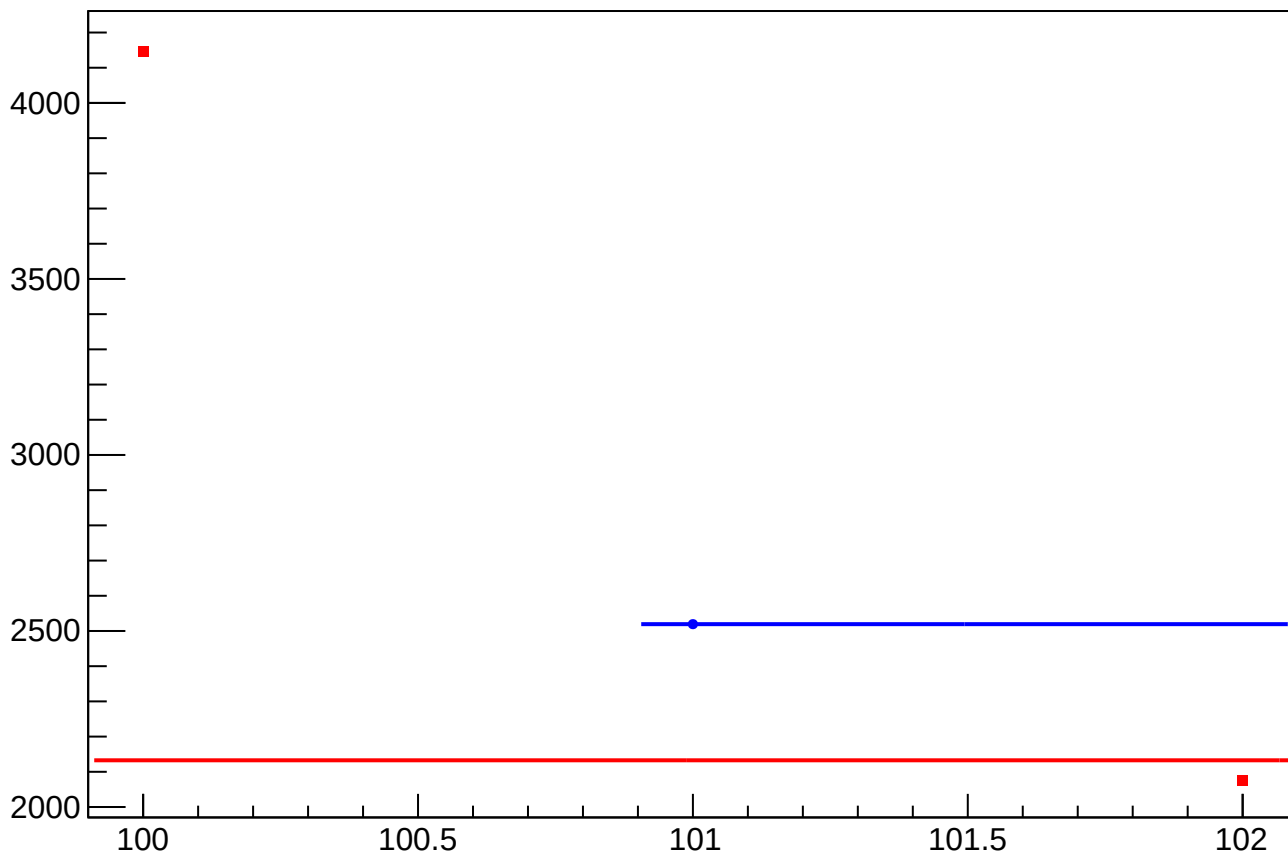
Right: -1884.263+/-1970.699 χ^2/NDF : 5.4/2

In: -5495.963+/-3118.472 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1884.263+/-1970.699 χ^2/NDF : 5.4/2

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2519.398 $\pm$ 2.205 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2132.662 $\pm$ 1.798 χ^2 /NDF: 35128.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

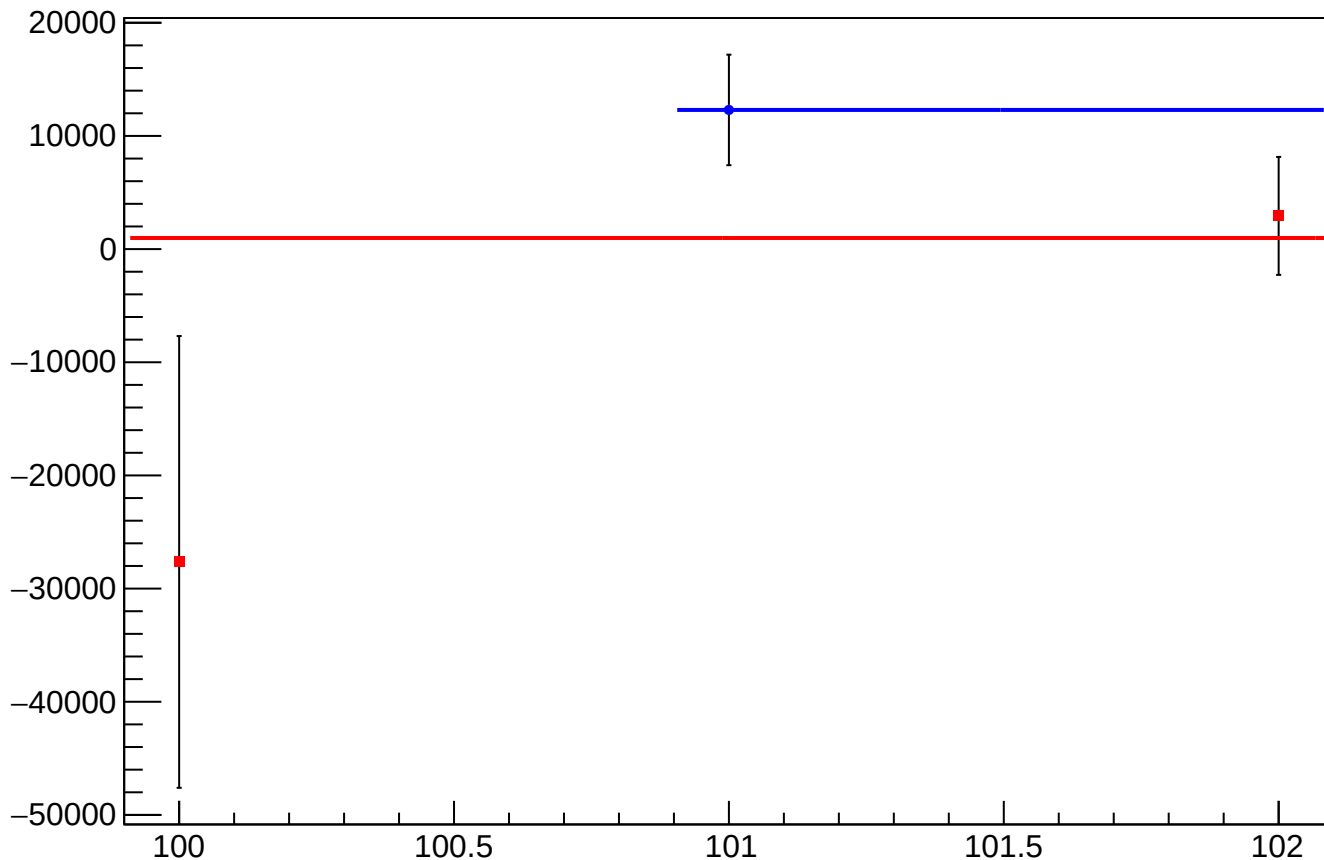
Right: 2287.106 $\pm$ 1.393 χ^2 /NDF: 53604.0/2

In: 2519.398 $\pm$ 2.205 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2287.106 $\pm$ 1.393 χ^2 /NDF: 53604.0/2

asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: 12297.304+/-4882.786 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 981.954+/-5042.770 χ^2/NDF : 2.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

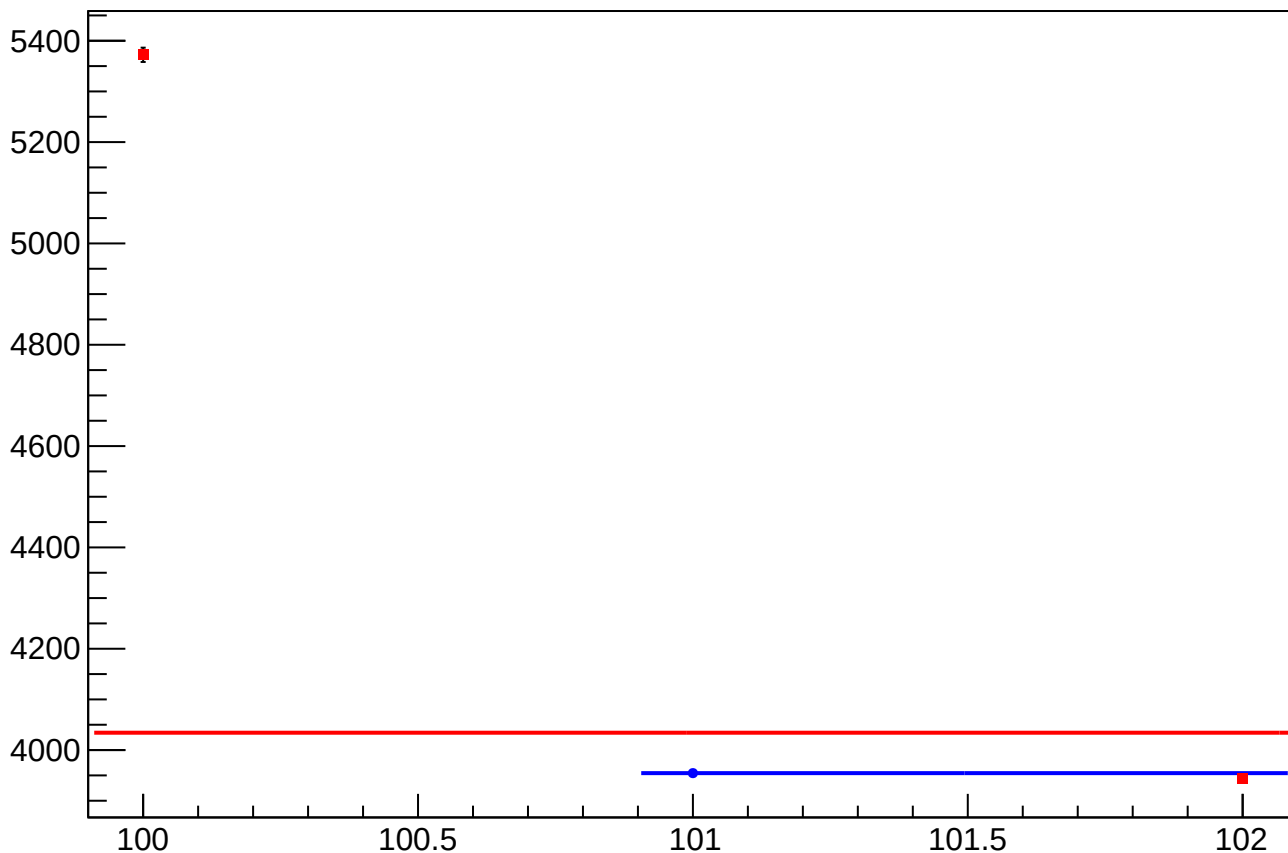
Right: 6821.967+/-3507.846 χ^2/NDF : 4.8/2

In: 12297.304+/-4882.786 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6821.967+/-3507.846 χ^2/NDF : 4.8/2

asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3954.486+/-3.453 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4034.268+/-3.566 χ^2/NDF : 9600.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

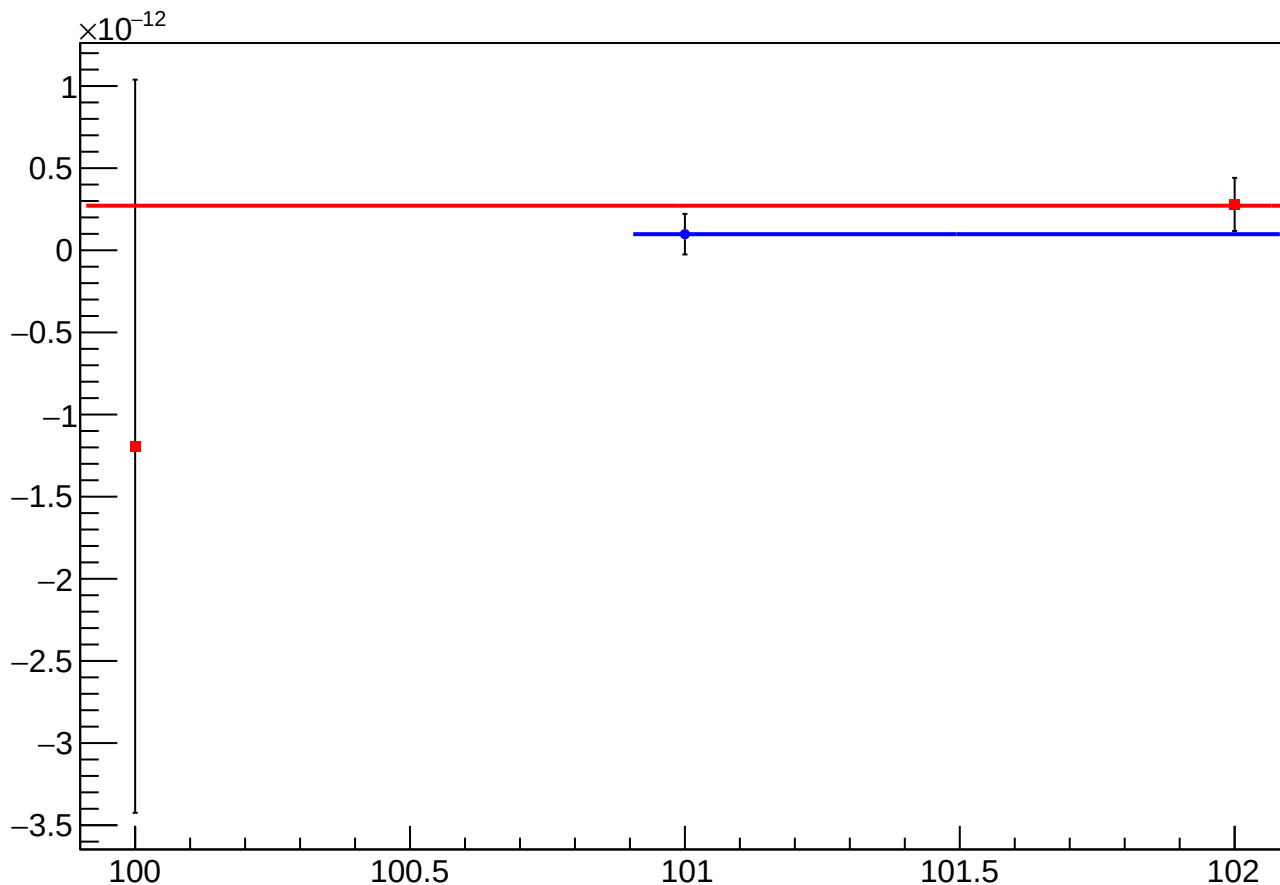
Right: 3993.092+/-2.480 χ^2/NDF : 9858.6/2

In: 3954.486+/-3.453 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3993.092+/-2.480 χ^2/NDF : 9858.6/2

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_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 : 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

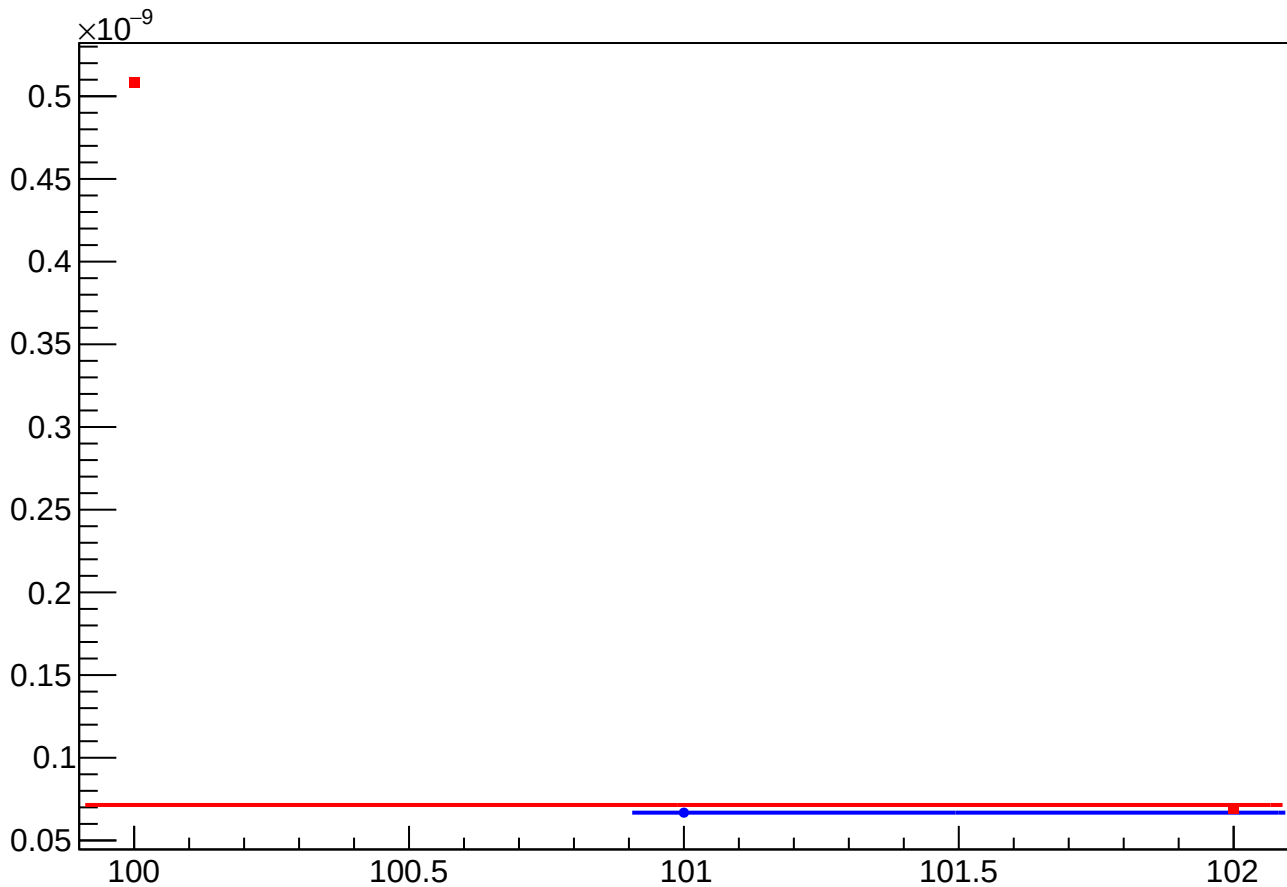
Right: 0.000+/-0.000 χ^2/NDF : 1.2/2

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 : 1.2/2

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_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 : 77098.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

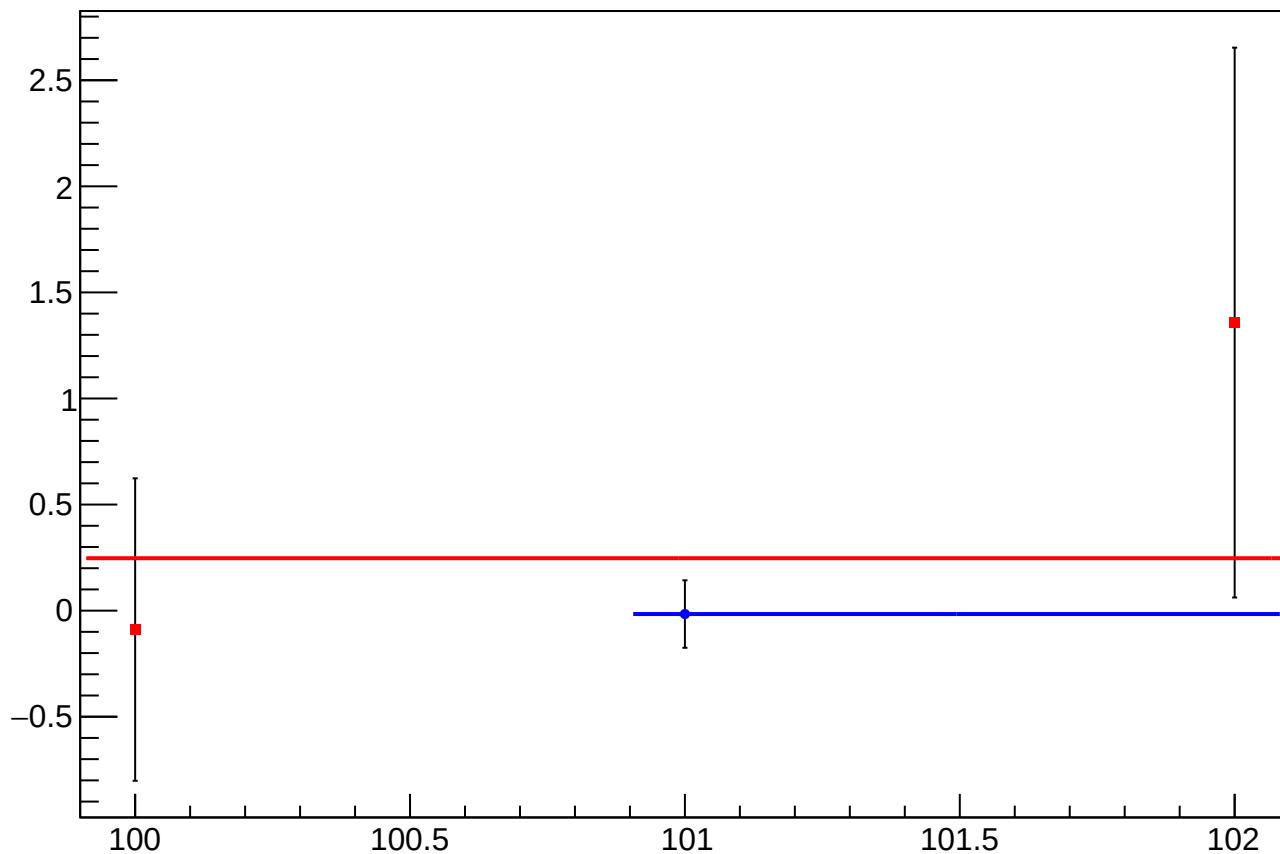
Right: 0.000+/-0.000 χ^2/NDF : 78143.4/2

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 : 78143.4/2

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 $\pm$ 0.159 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.247 $\pm$ 0.625 χ^2 /NDF: 1.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

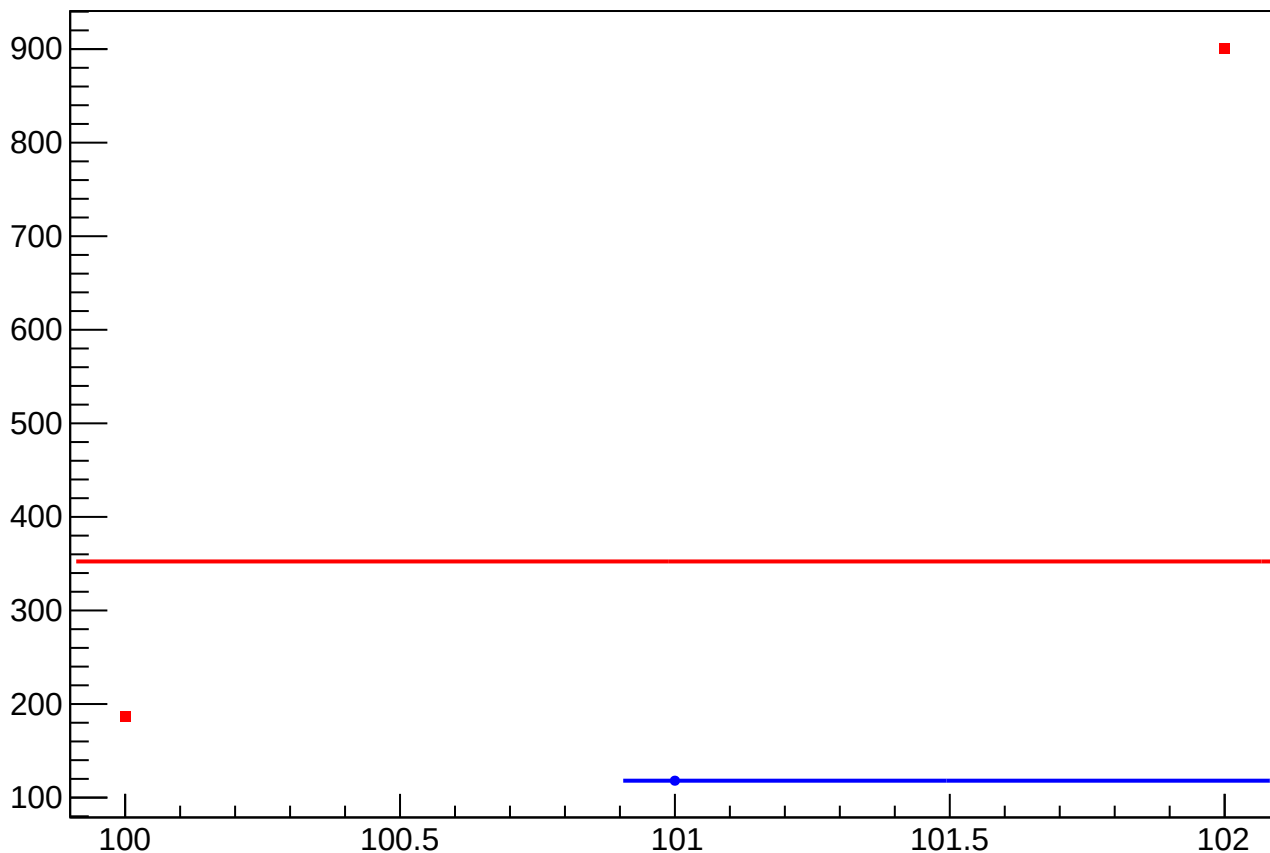
Right: 0.000 $\pm$ 0.154 χ^2 /NDF: 1.1/2

In: -0.016 $\pm$ 0.159 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.154 χ^2 /NDF: 1.1/2

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 118.062 $\pm$ 0.112 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 352.389 $\pm$ 0.442 χ^2 /NDF: 466328.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

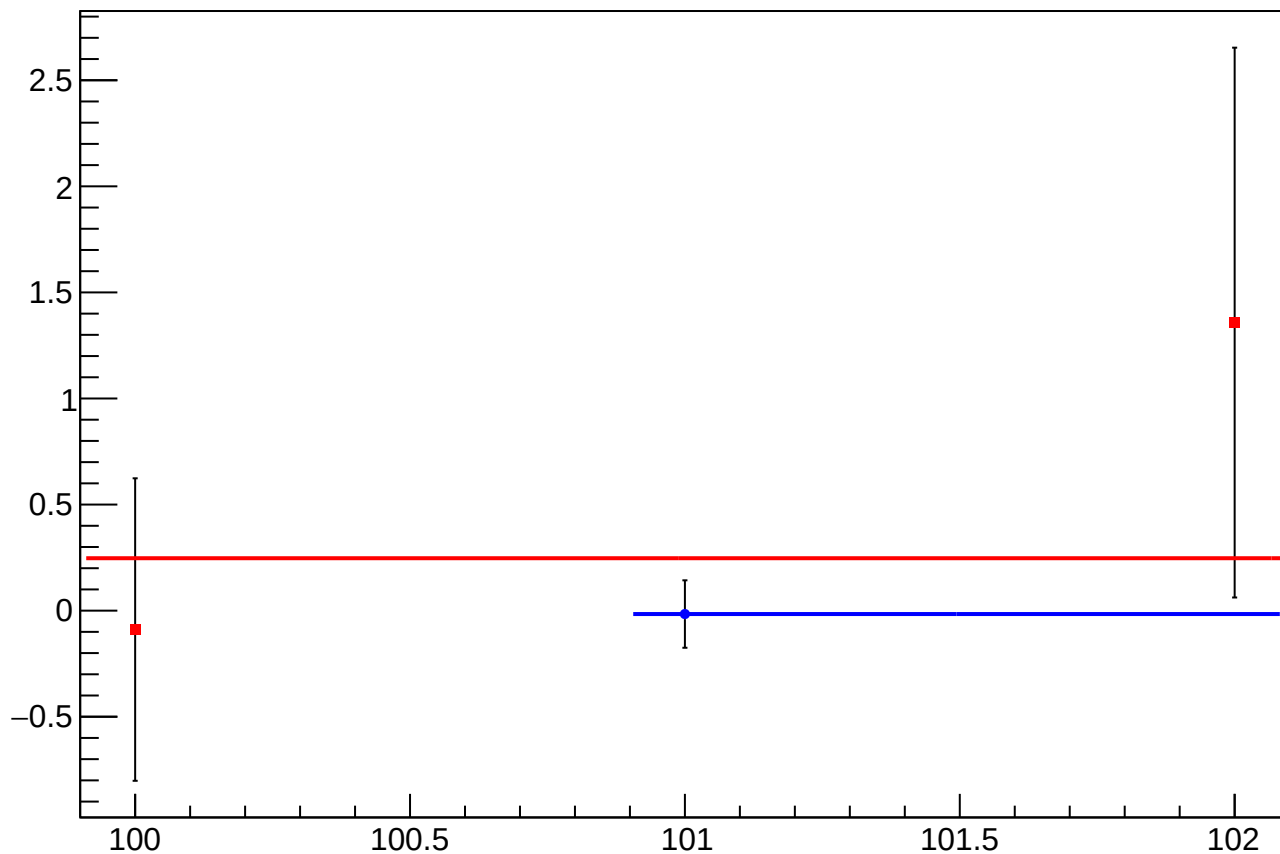
Right: 132.314 $\pm$ 0.109 χ^2 /NDF: 730692.1/2

In: 118.062 $\pm$ 0.112 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 132.314 $\pm$ 0.109 χ^2 /NDF: 730692.1/2

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 $\pm$ 0.159 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.247 $\pm$ 0.625 χ^2 /NDF: 1.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

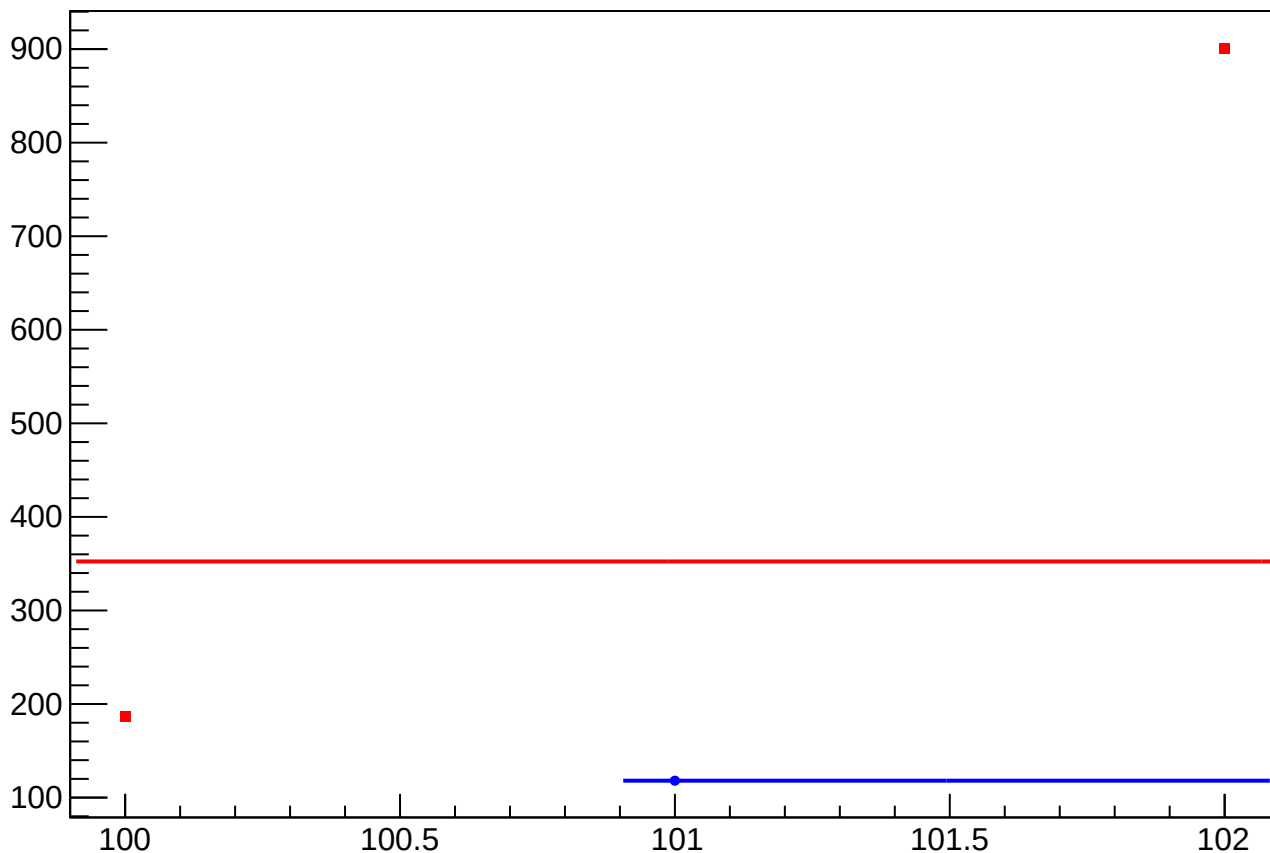
Right: 0.000 $\pm$ 0.154 χ^2 /NDF: 1.1/2

In: -0.016 $\pm$ 0.159 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.154 χ^2 /NDF: 1.1/2

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 118.062 $\pm$ 0.112 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 352.389 $\pm$ 0.442 χ^2 /NDF: 466328.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

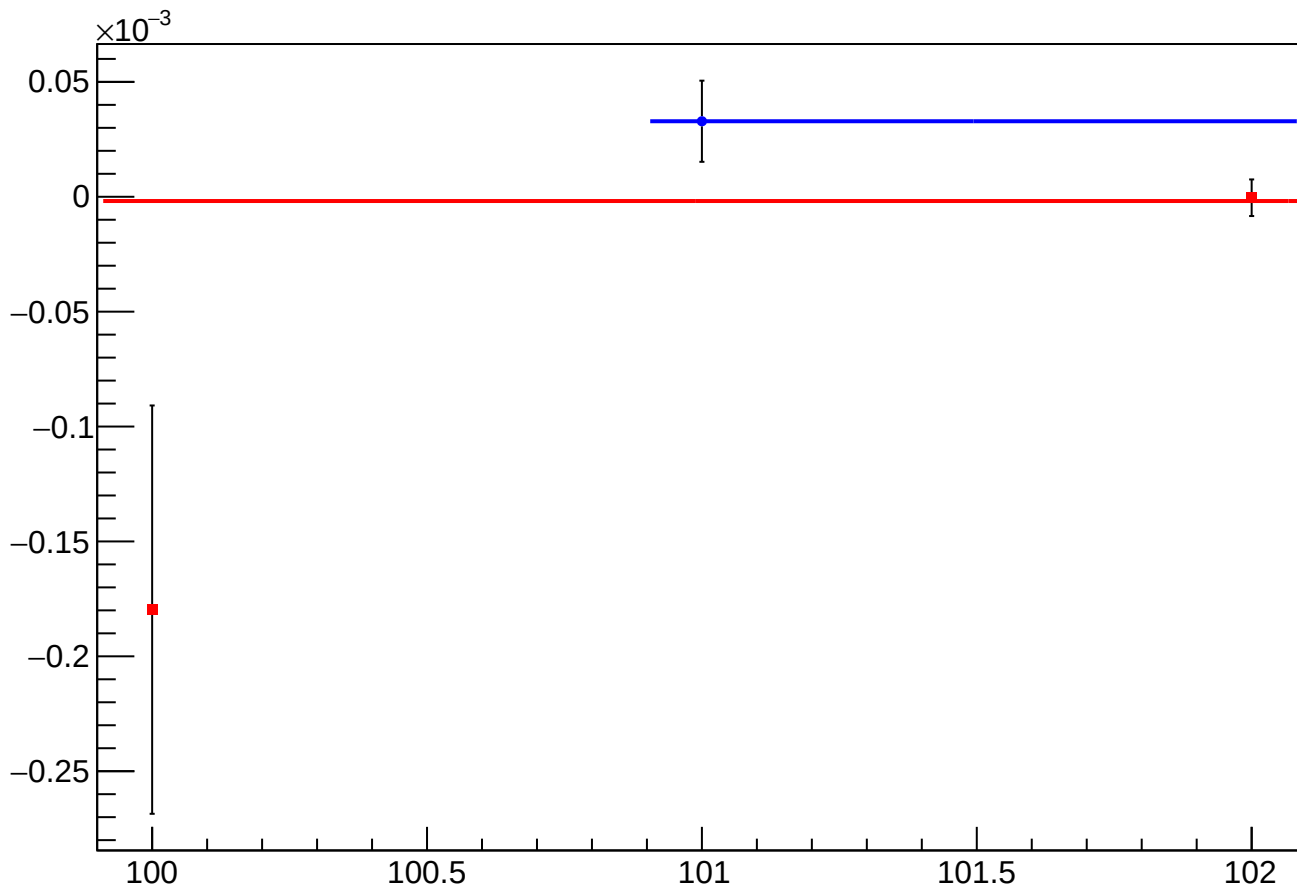
Right: 132.314 $\pm$ 0.109 χ^2 /NDF: 730692.1/2

In: 118.062 $\pm$ 0.112 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 132.314 $\pm$ 0.109 χ^2 /NDF: 730692.1/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

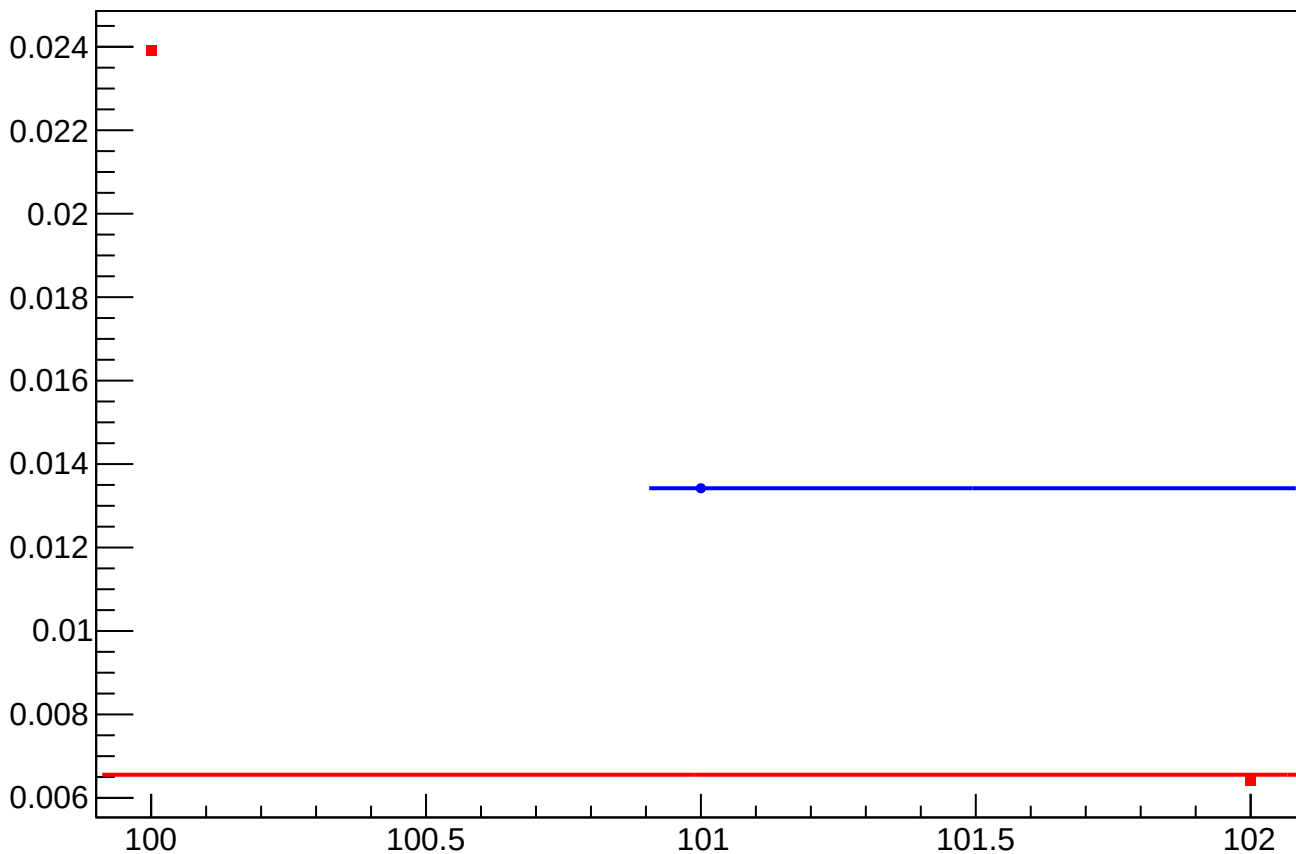
Right: 0.000+/-0.000 χ^2/NDF : 7.3/2

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 : 7.3/2

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 76972.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

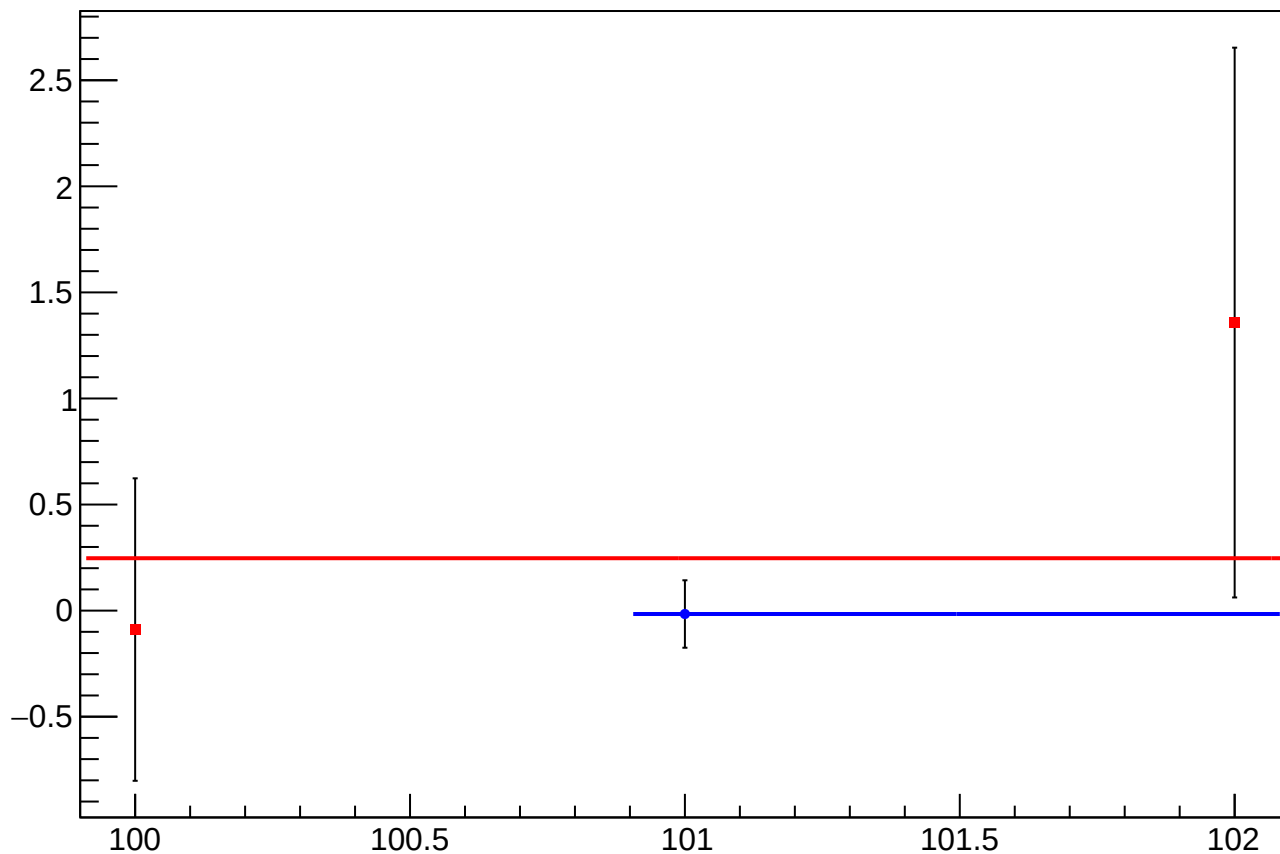
Right: 0.008+/-0.000 χ^2/NDF : 328551.7/2

In: 0.013+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 328551.7/2

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 $\pm$ 0.159 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.247 $\pm$ 0.625 χ^2 /NDF: 1.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

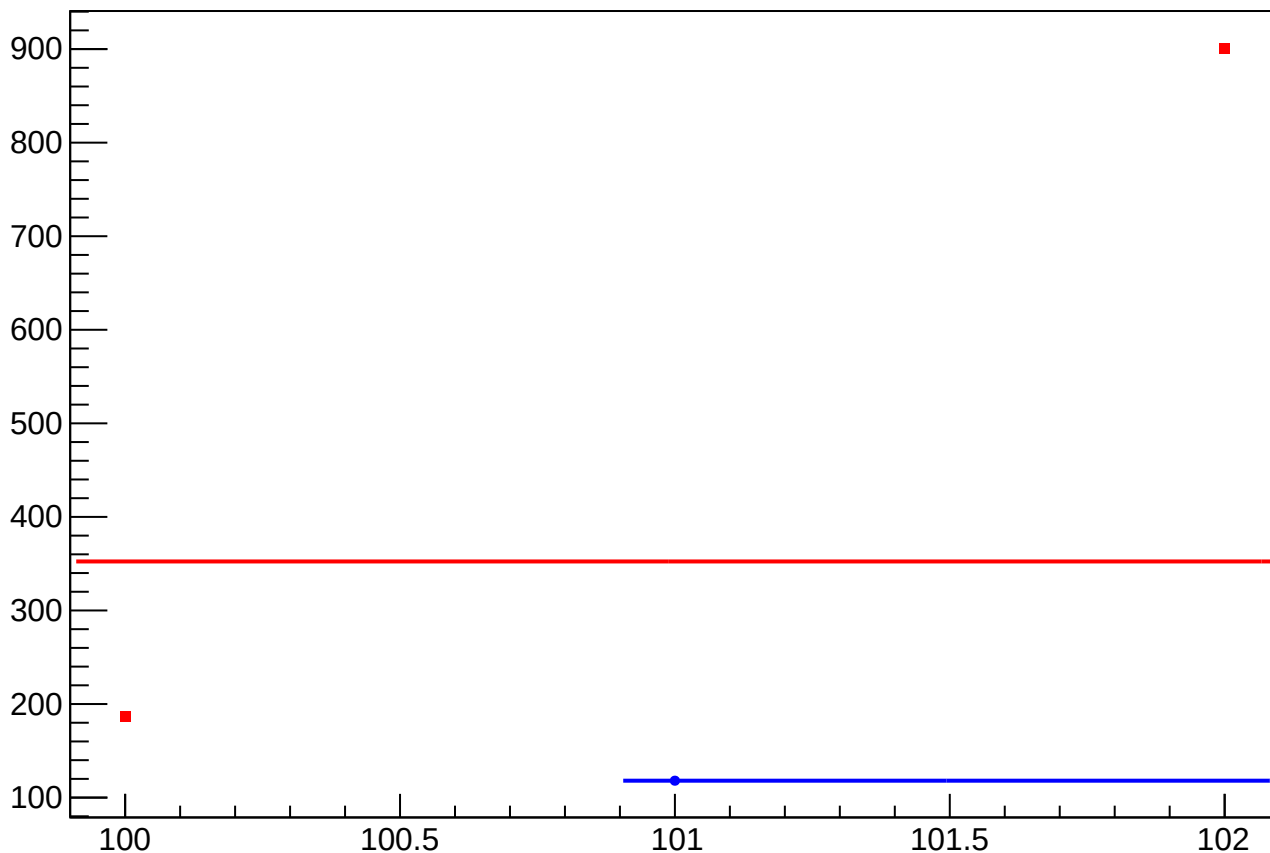
Right: 0.000 $\pm$ 0.154 χ^2 /NDF: 1.1/2

In: -0.016 $\pm$ 0.159 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.154 χ^2 /NDF: 1.1/2

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 118.064+/-0.112 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 352.389+/-0.442 χ^2/NDF : 466329.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

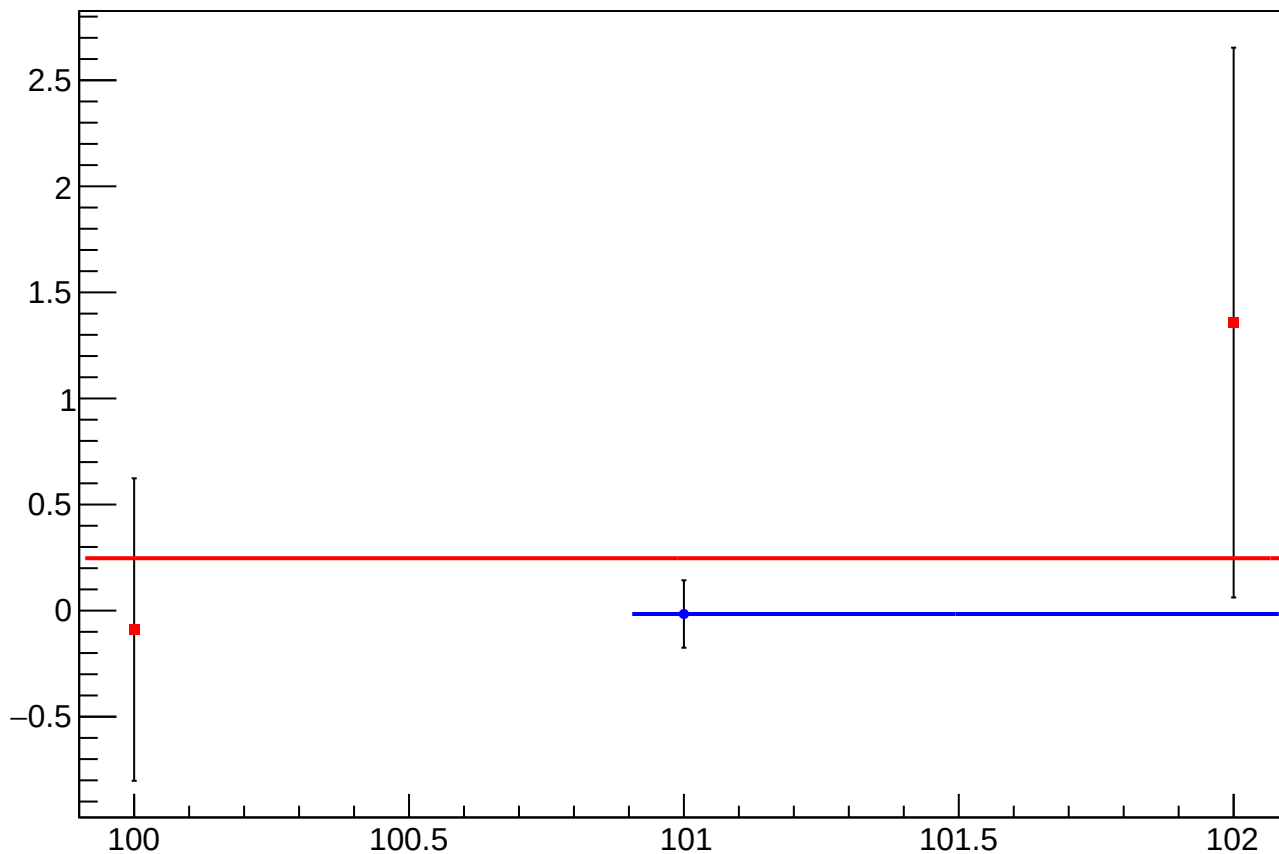
Right: 132.317+/-0.109 χ^2/NDF : 730685.0/2

In: 118.064+/-0.112 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.317+/-0.109 χ^2/NDF : 730685.0/2

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 $\pm$ 0.159 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.247 $\pm$ 0.625 χ^2 /NDF: 1.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

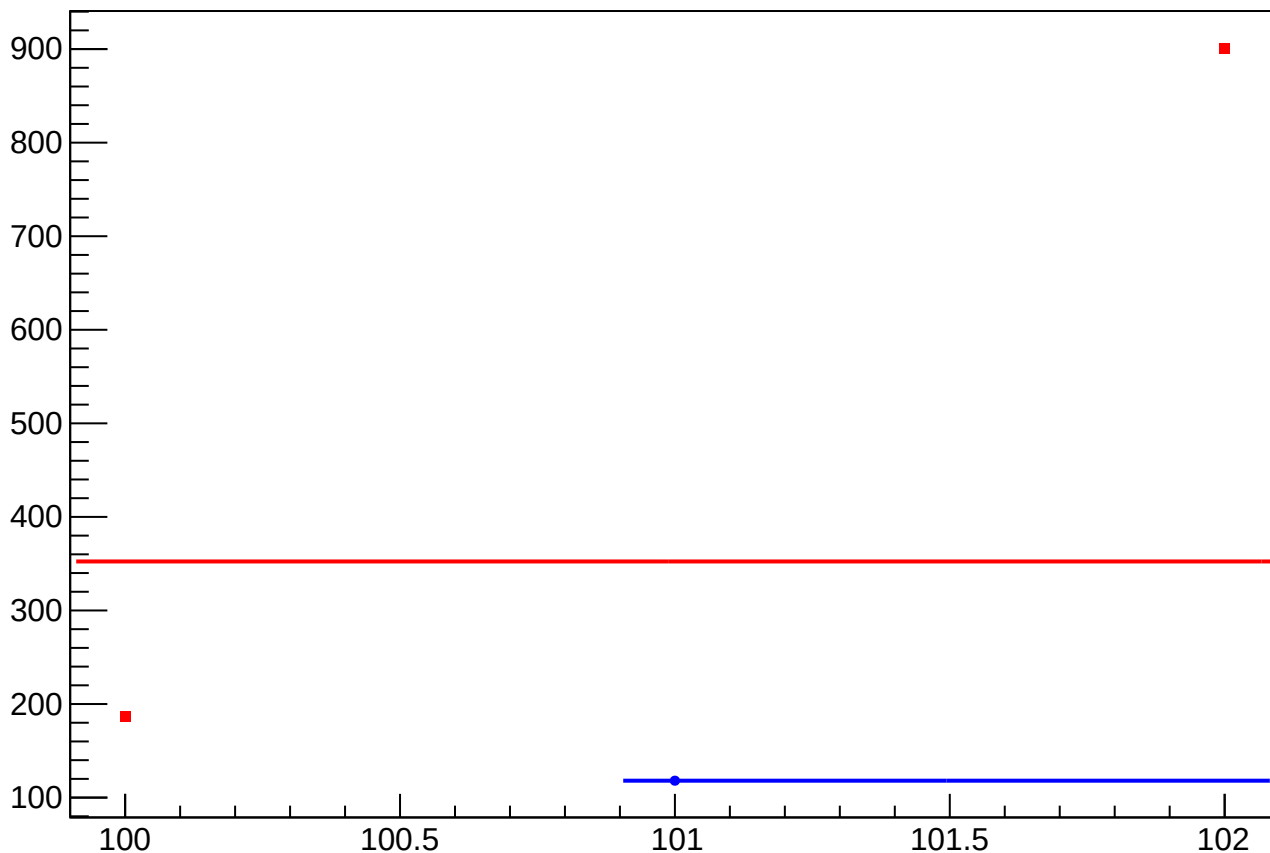
Right: 0.000 $\pm$ 0.154 χ^2 /NDF: 1.1/2

In: -0.016 $\pm$ 0.159 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.154 χ^2 /NDF: 1.1/2

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 118.064 $\pm$ 0.112 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 352.389 $\pm$ 0.442 χ^2 /NDF: 466329.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

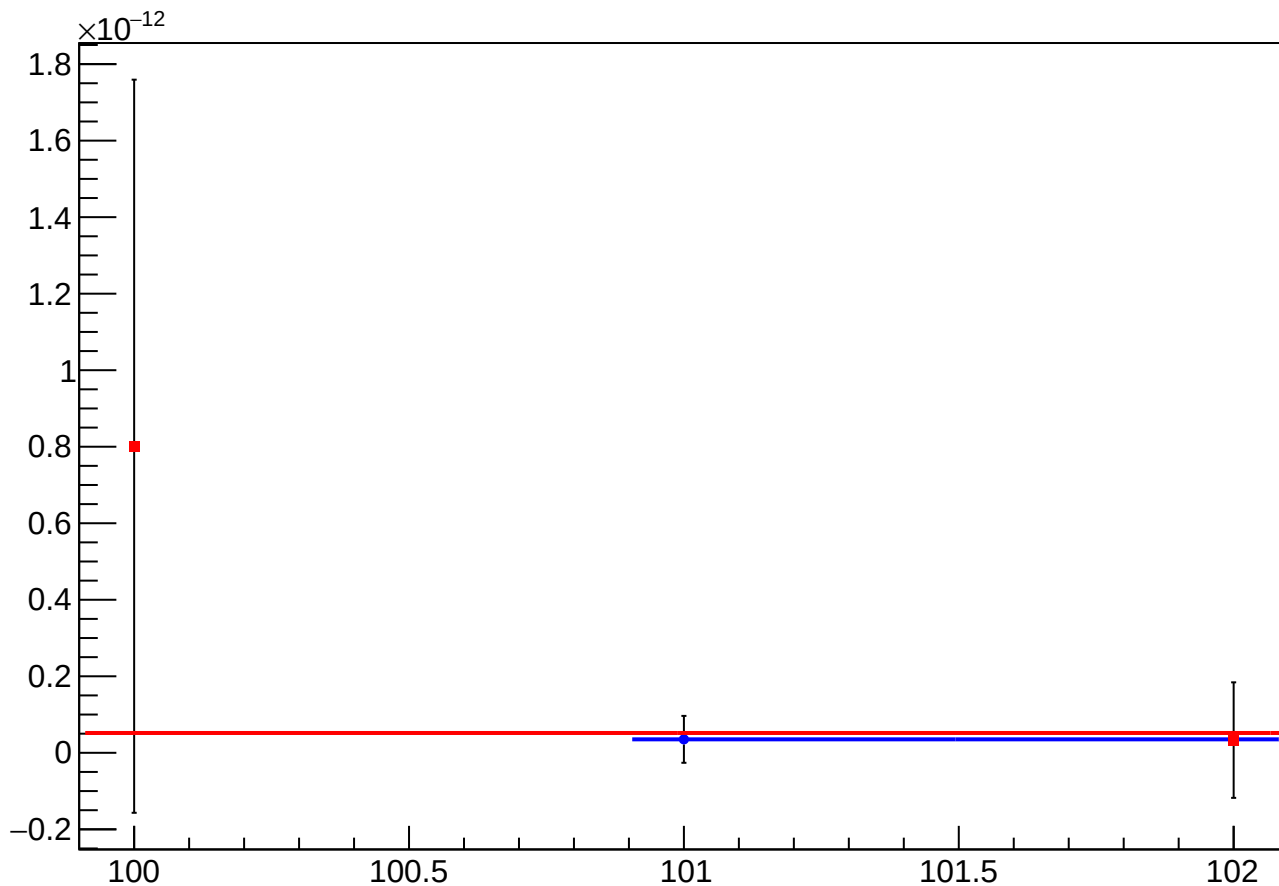
Right: 132.317 $\pm$ 0.109 χ^2 /NDF: 730685.0/2

In: 118.064 $\pm$ 0.112 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 132.317 $\pm$ 0.109 χ^2 /NDF: 730685.0/2

asym_us_dd_at2lr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

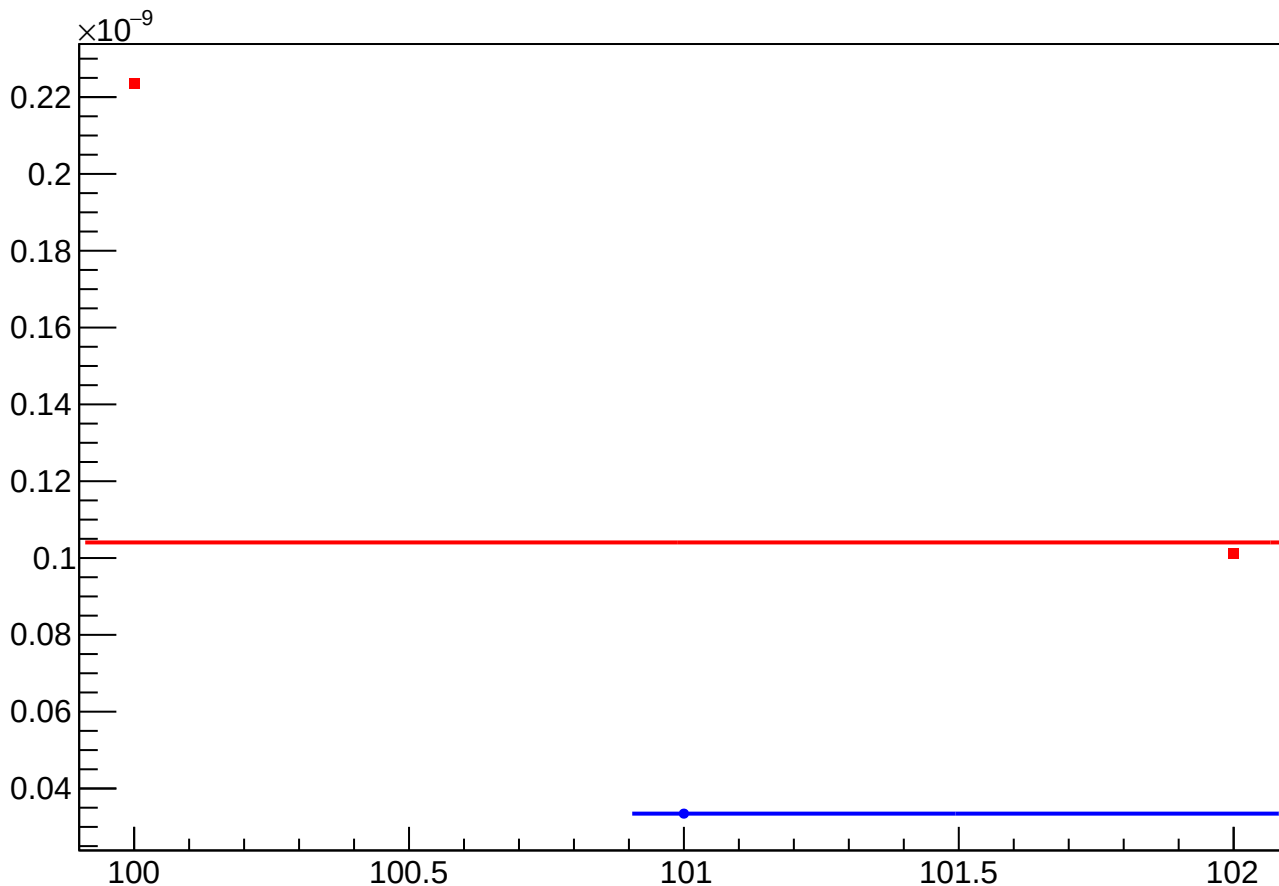
Right: 0.000+/-0.000 χ^2/NDF : 0.6/2

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 : 0.6/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 31909.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

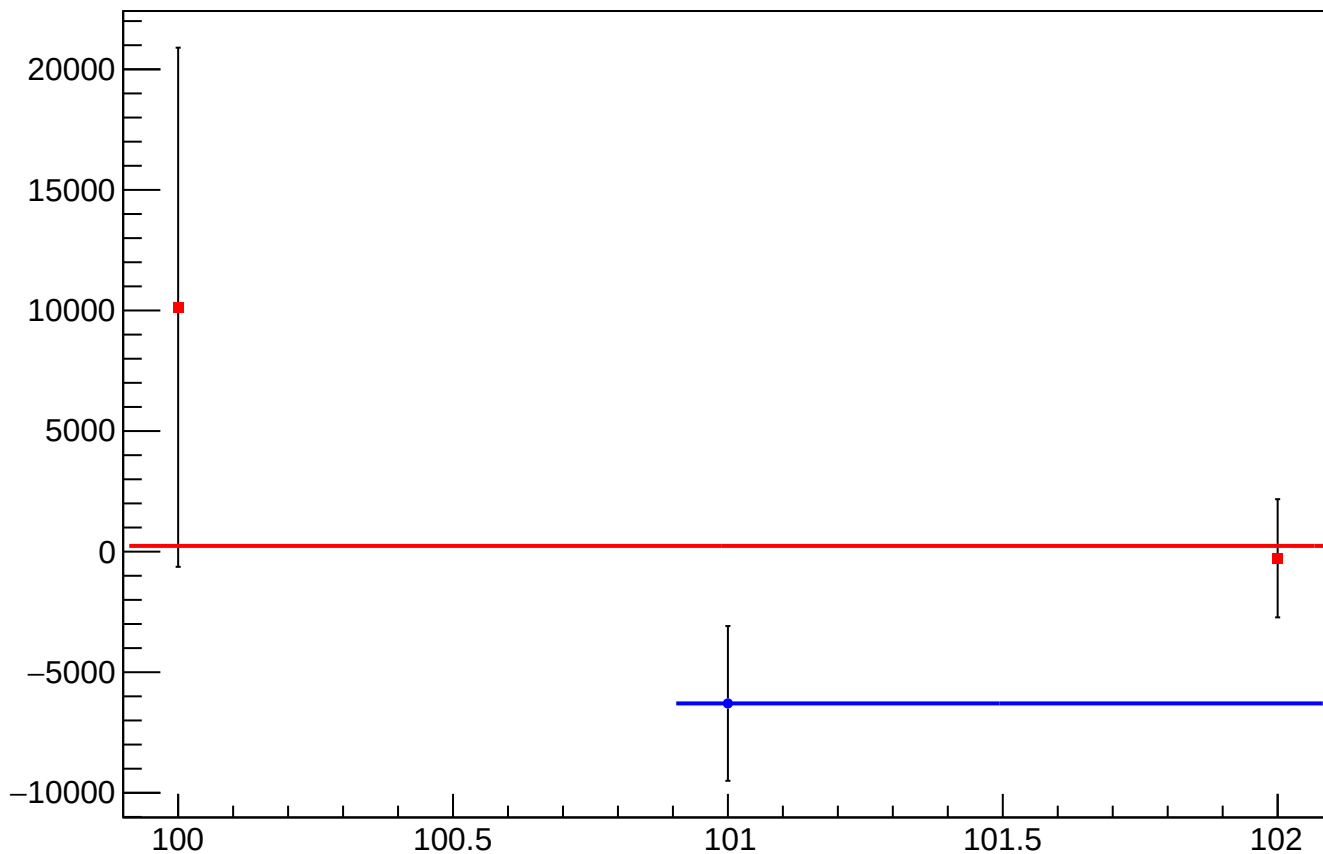
Right: 0.000+/-0.000 χ^2/NDF : 415425.6/2

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 : 415425.6/2

reg_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -6293.333+/-3208.647 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 237.931+/-2389.705 χ^2/NDF : 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

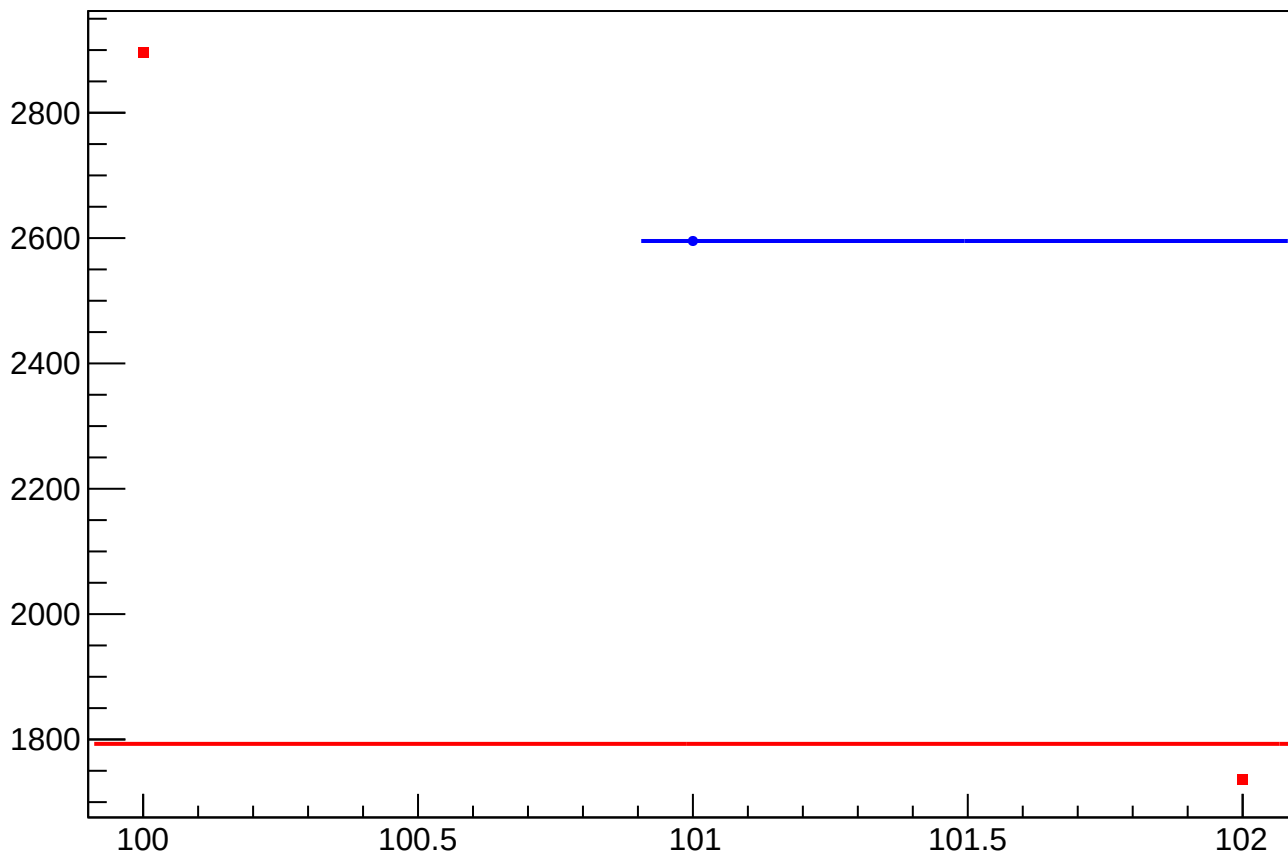
Right: -2092.306+/-1916.564 χ^2/NDF : 3.6/2

In: -6293.333+/-3208.647 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2092.306+/-1916.564 χ^2/NDF : 3.6/2

reg_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2595.361+/-2.269 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1792.964+/-1.690 χ^2/NDF : 22101.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

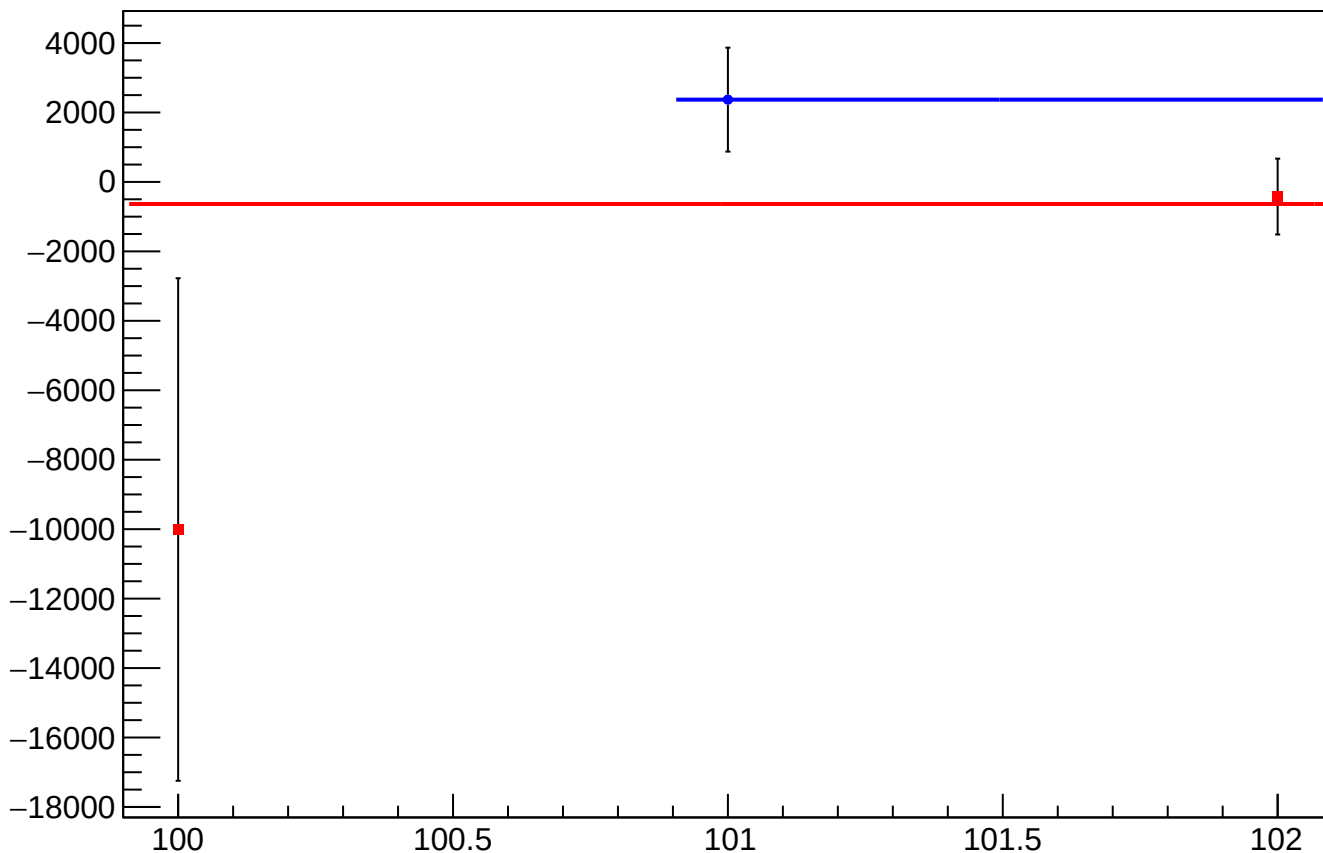
Right: 2079.243+/-1.355 χ^2/NDF : 102550.7/2

In: 2595.361+/-2.269 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2079.243+/-1.355 χ^2/NDF : 102550.7/2

asym_us_dd_at2lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 2369.805+/-1496.657 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -635.037+/-1080.176 χ^2/NDF : 1.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

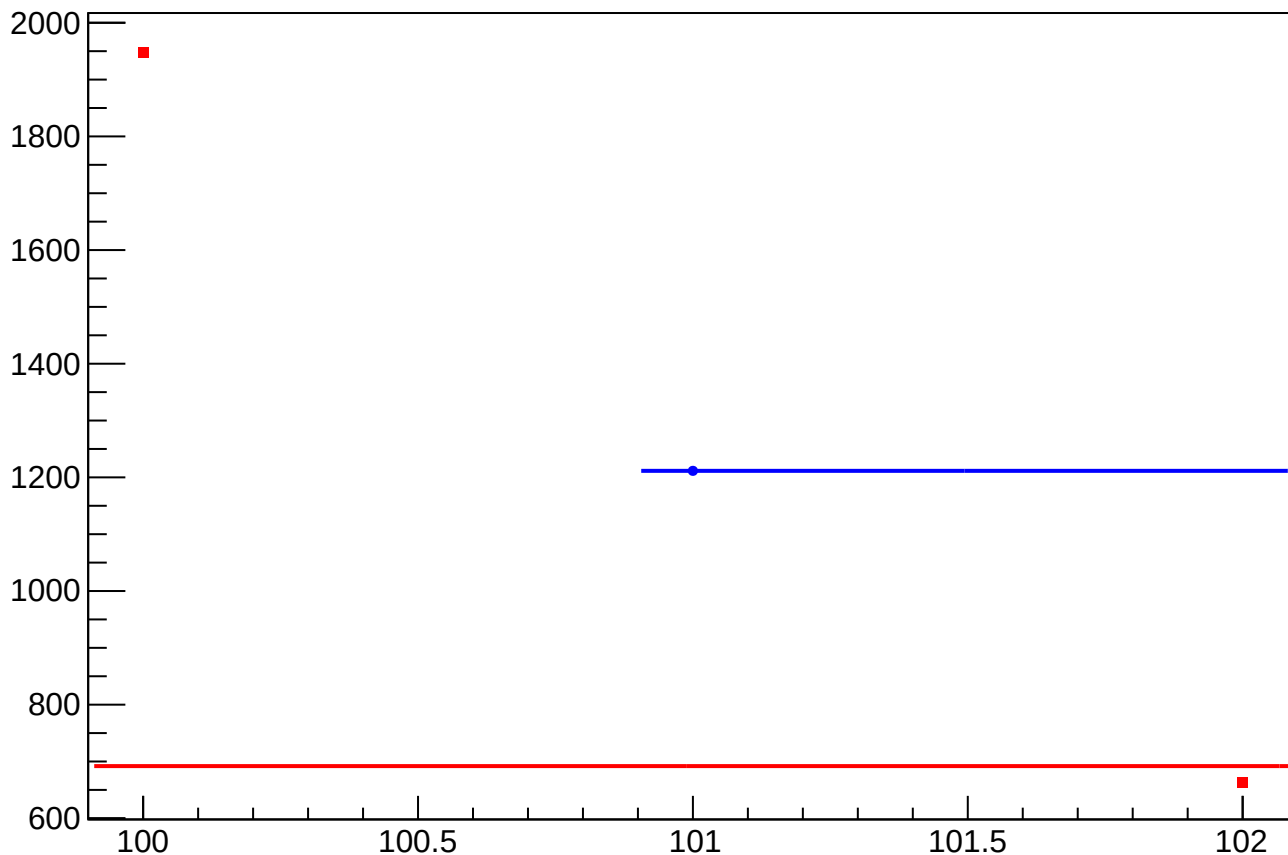
Right: 394.089+/-875.882 χ^2/NDF : 4.4/2

In: 2369.805+/-1496.657 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 394.089+/-875.882 χ^2/NDF : 4.4/2

asym_us_dd_at2lr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1211.475+/-1.058 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 691.895+/-0.764 χ^2/NDF : 61586.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

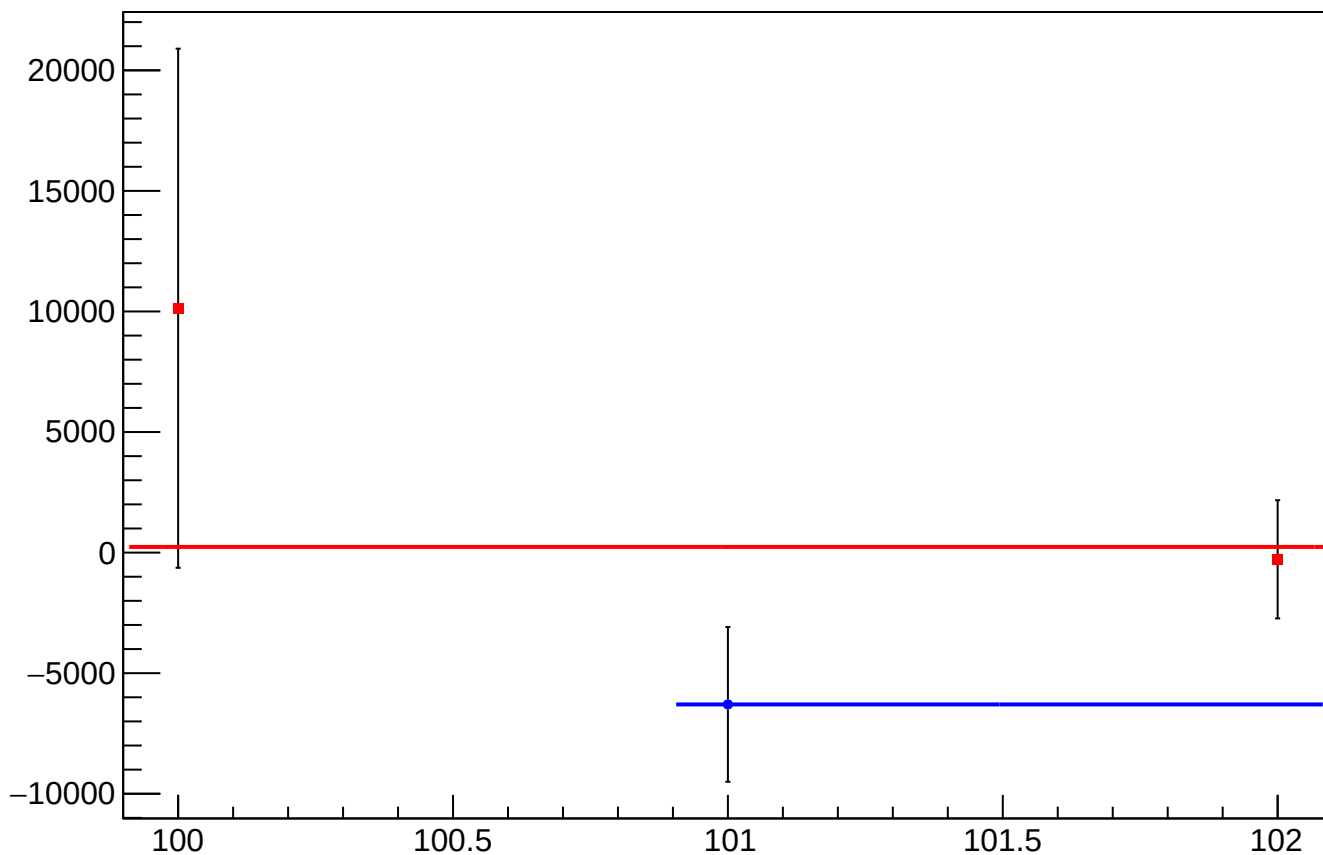
Right: 869.846+/-0.619 χ^2/NDF : 220073.0/2

In: 1211.475+/-1.058 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 869.846+/-0.619 χ^2/NDF : 220073.0/2

cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -6295.698+/-3208.650 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 235.764+/-2389.706 χ^2/NDF : 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

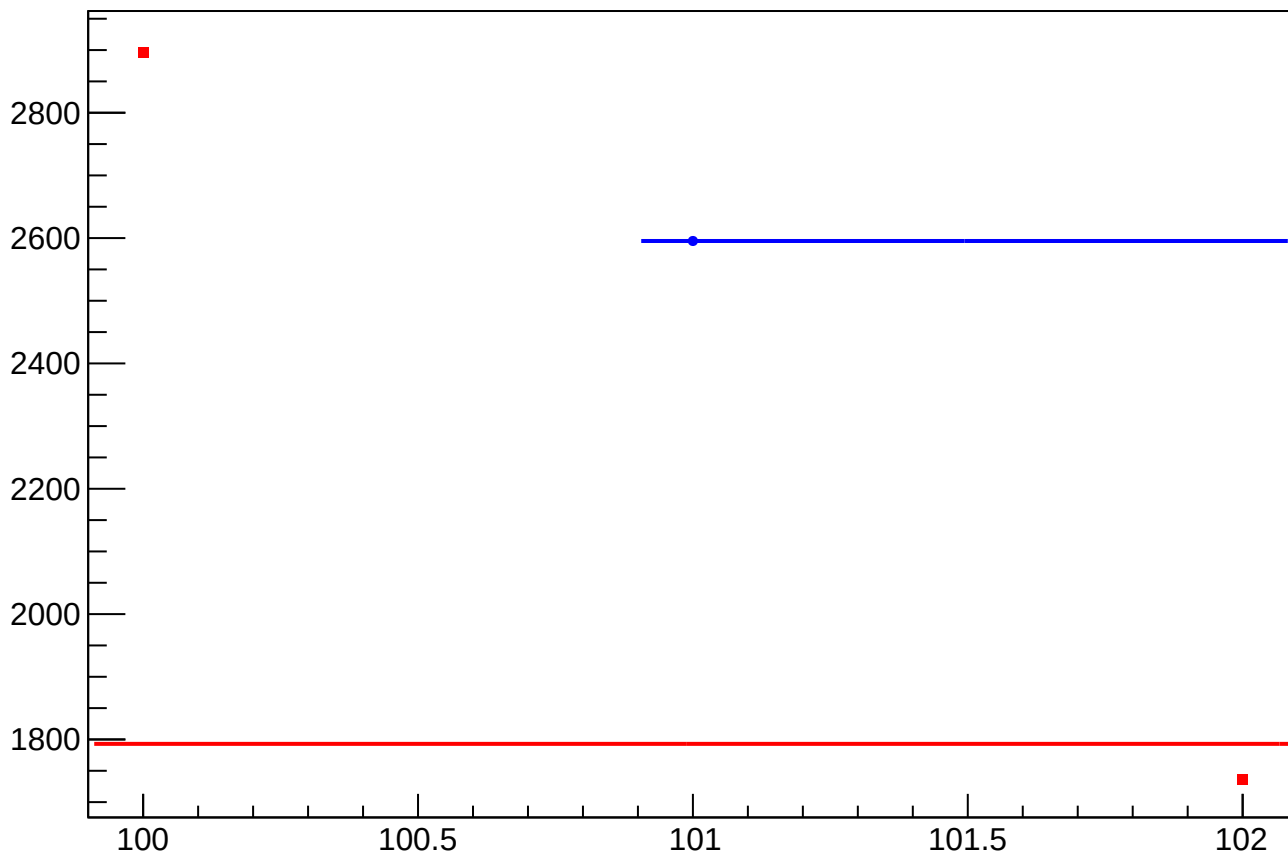
Right: -2094.542+/-1916.565 χ^2/NDF : 3.6/2

In: -6295.698+/-3208.650 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2094.542+/-1916.565 χ^2/NDF : 3.6/2

cor_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2595.362 $\pm$ 2.269 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1792.962 $\pm$ 1.690 χ^2 /NDF: 22101.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

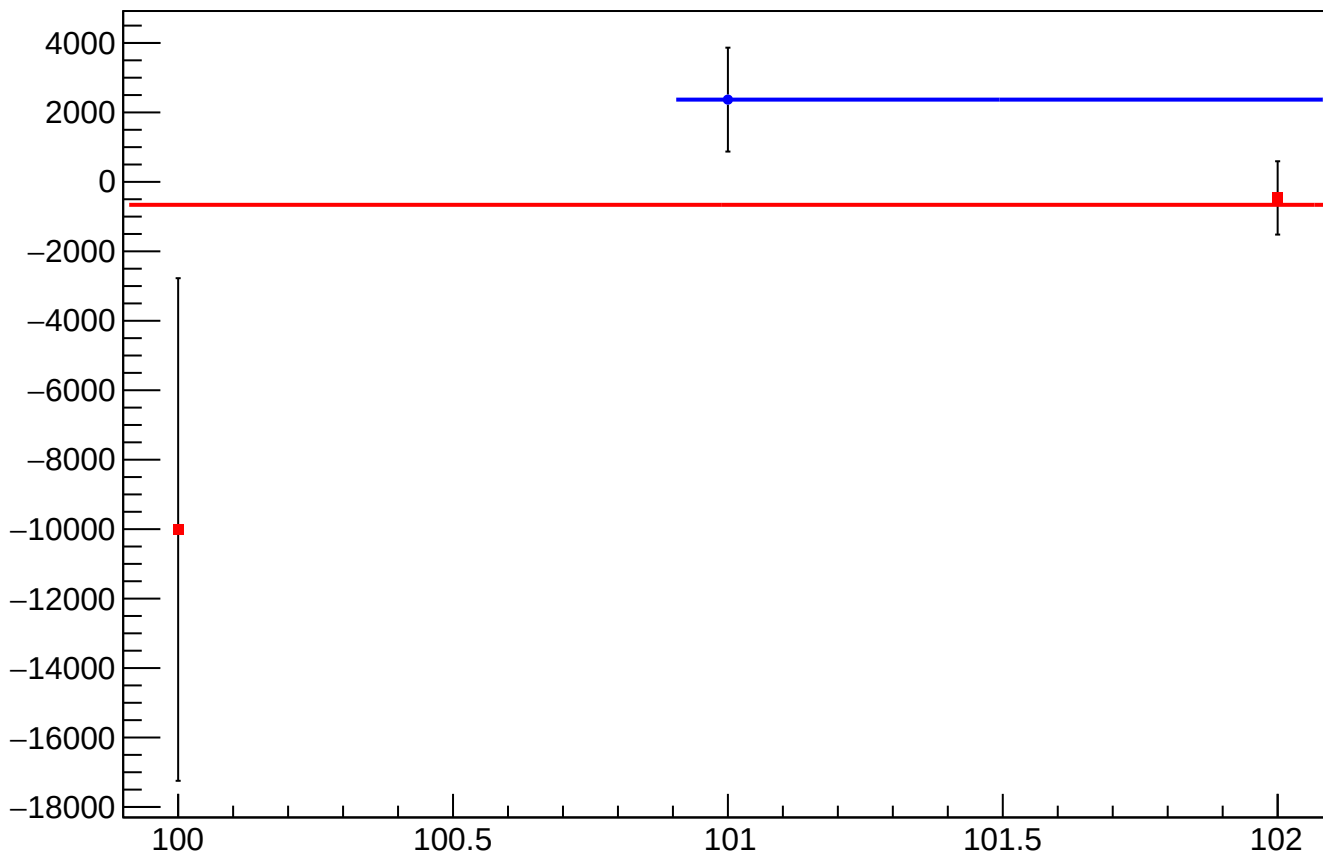
Right: 2079.242 $\pm$ 1.355 χ^2 /NDF: 102551.0/2

In: 2595.362 $\pm$ 2.269 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2079.242 $\pm$ 1.355 χ^2 /NDF: 102551.0/2

asym_us_dd_at2lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 2368.677 $\pm$ 1495.883 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -660.865 $\pm$ 1044.719 χ^2 /NDF: 1.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

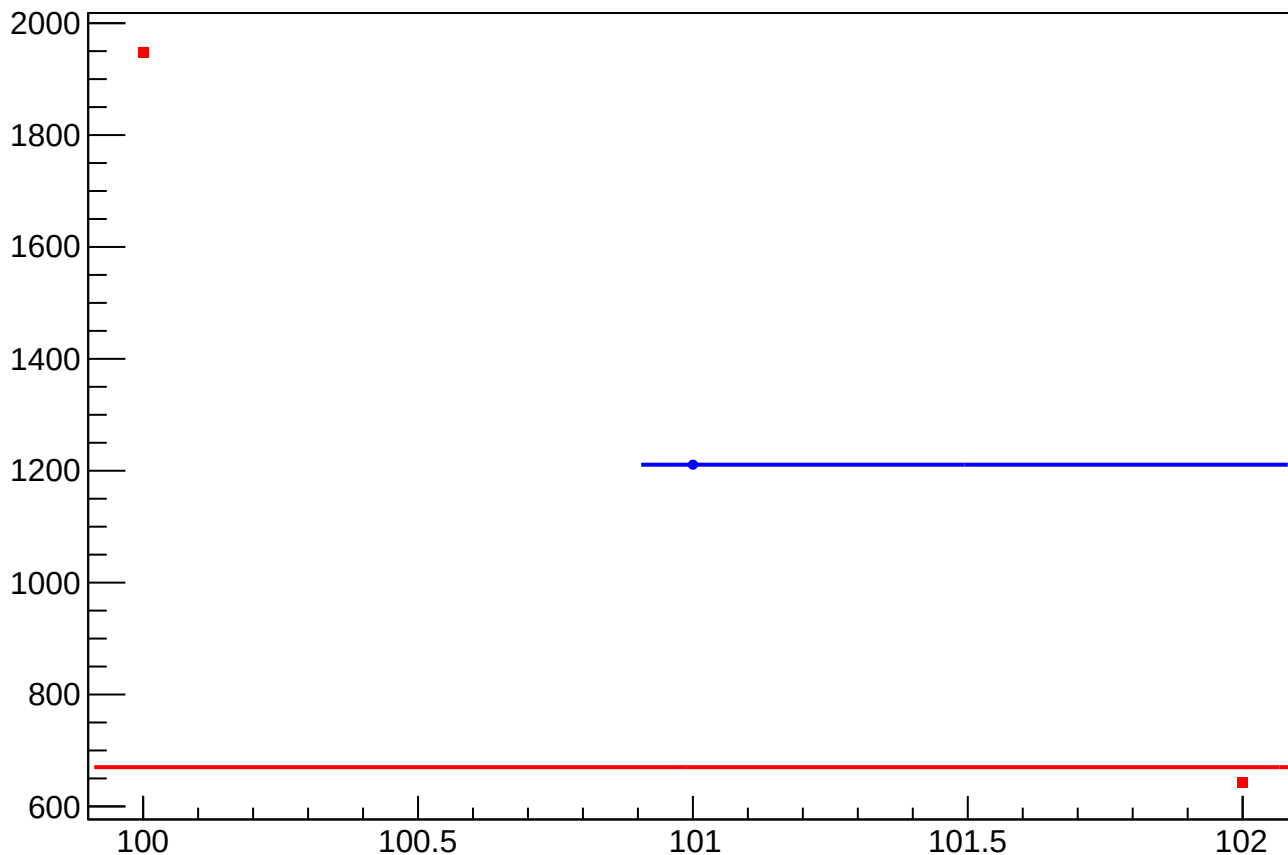
Right: 332.363 $\pm$ 856.512 χ^2 /NDF: 4.5/2

In: 2368.677 $\pm$ 1495.883 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 332.363 $\pm$ 856.512 χ^2 /NDF: 4.5/2

asym_us_dd_at2lr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1210.805 $\pm$ 1.058 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 670.137 $\pm$ 0.739 χ^2 /NDF: 63645.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

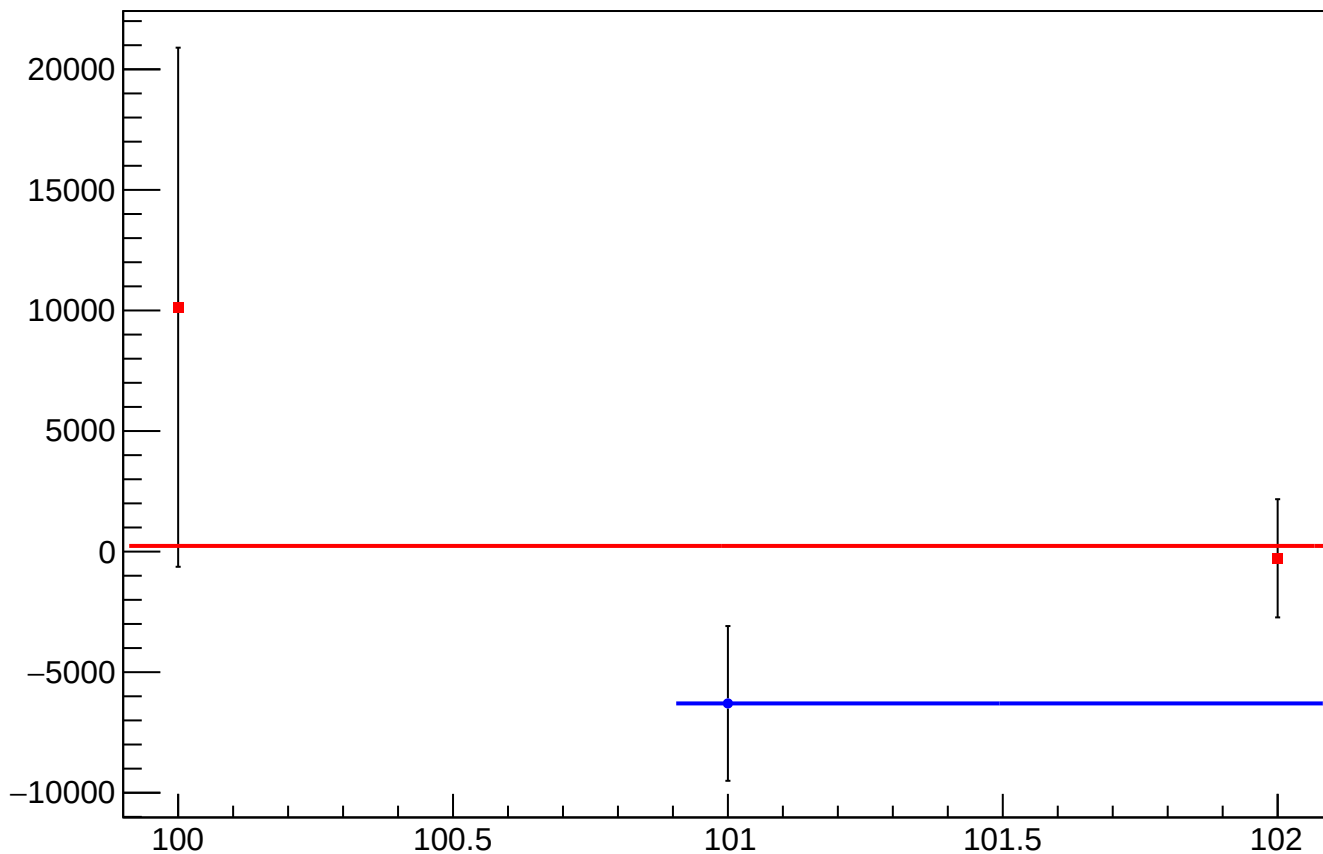
Right: 847.394 $\pm$ 0.606 χ^2 /NDF: 239261.4/2

In: 1210.805 $\pm$ 1.058 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 847.394 $\pm$ 0.606 χ^2 /NDF: 239261.4/2

eigen_cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -6295.698+/-3208.650 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 235.764+/-2389.706 χ^2/NDF : 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

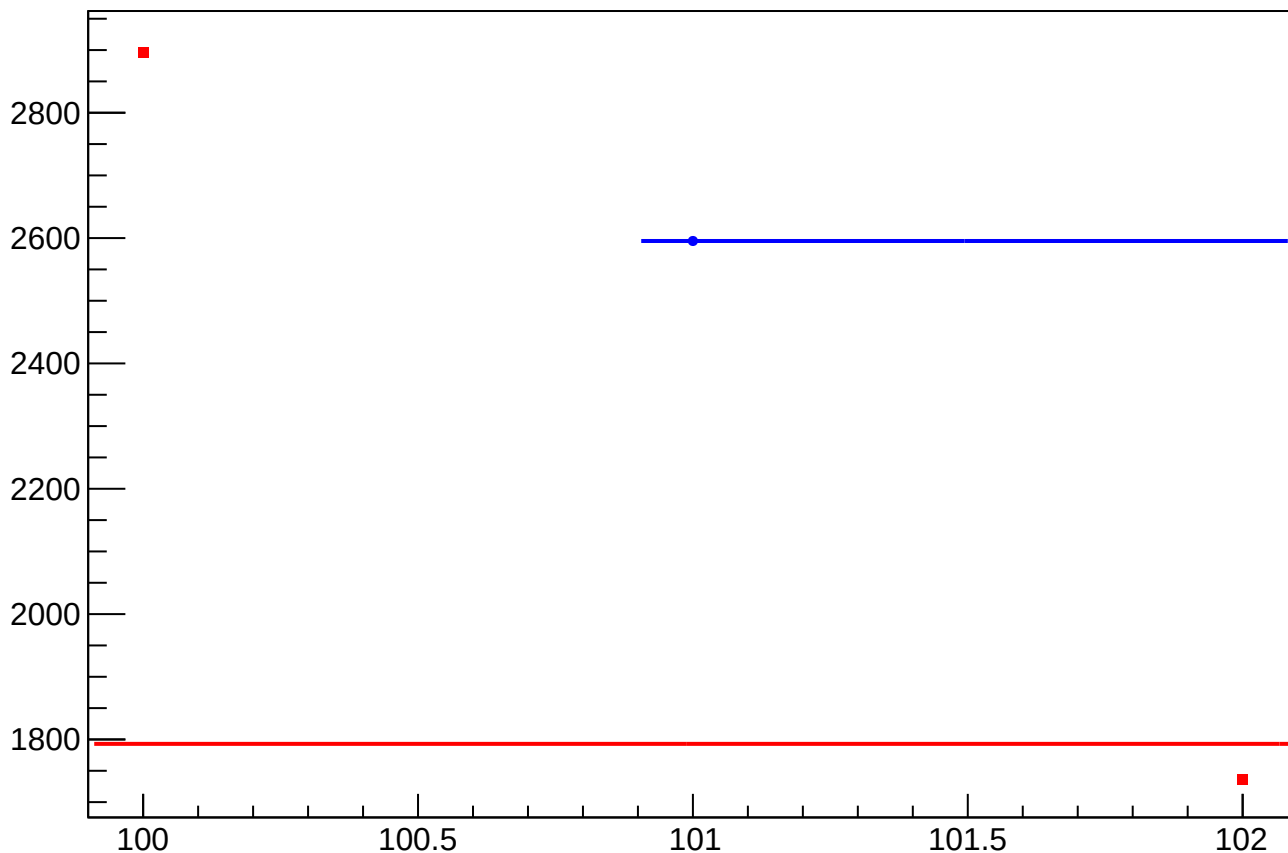
Right: -2094.542+/-1916.565 χ^2/NDF : 3.6/2

In: -6295.698+/-3208.650 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2094.542+/-1916.565 χ^2/NDF : 3.6/2

eigen_cor_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2595.362+/-2.269 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1792.962+/-1.690 χ^2/NDF : 22101.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

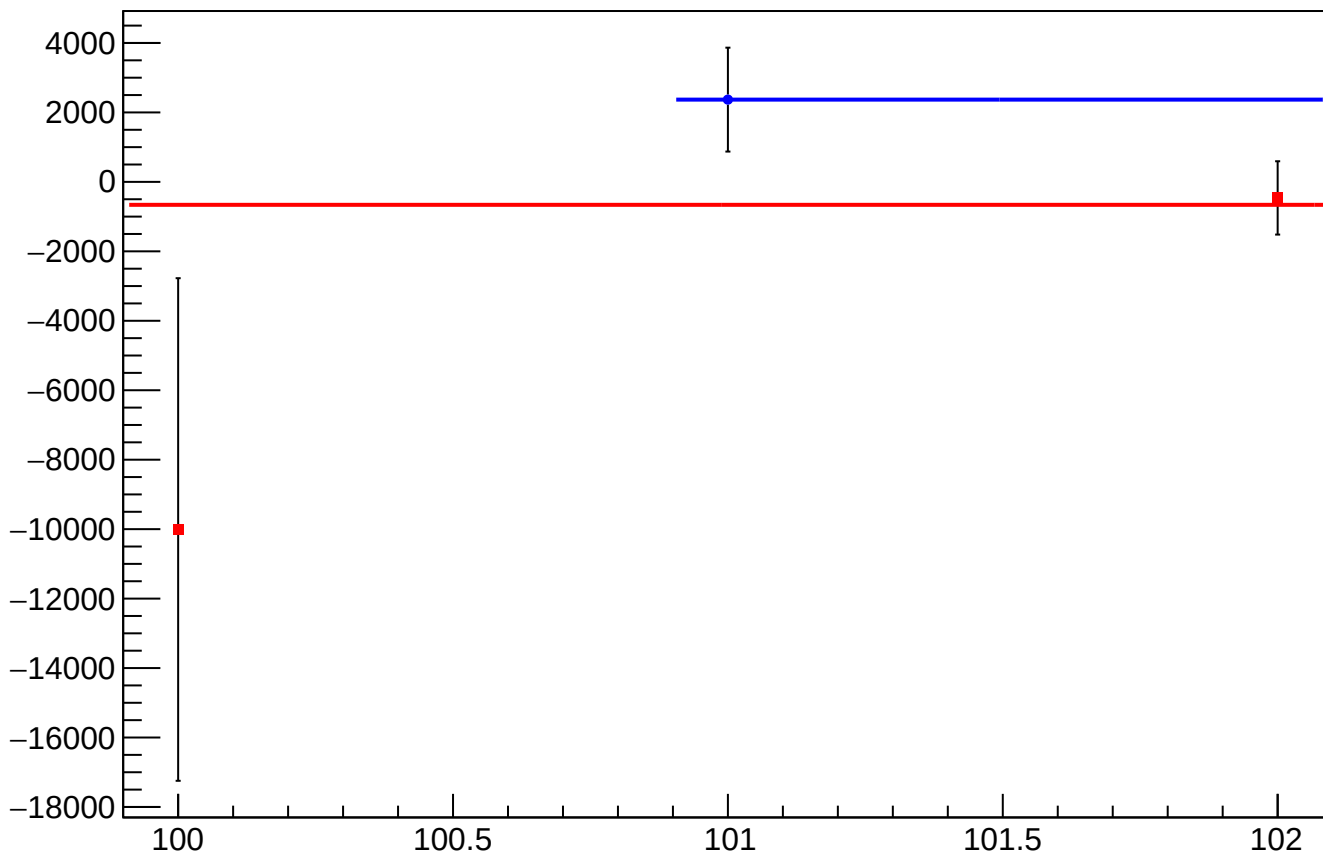
Right: 2079.242+/-1.355 χ^2/NDF : 102551.0/2

In: 2595.362+/-2.269 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2079.242+/-1.355 χ^2/NDF : 102551.0/2

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2368.677+/-1495.883 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -660.865+/-1044.719 χ^2/NDF : 1.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

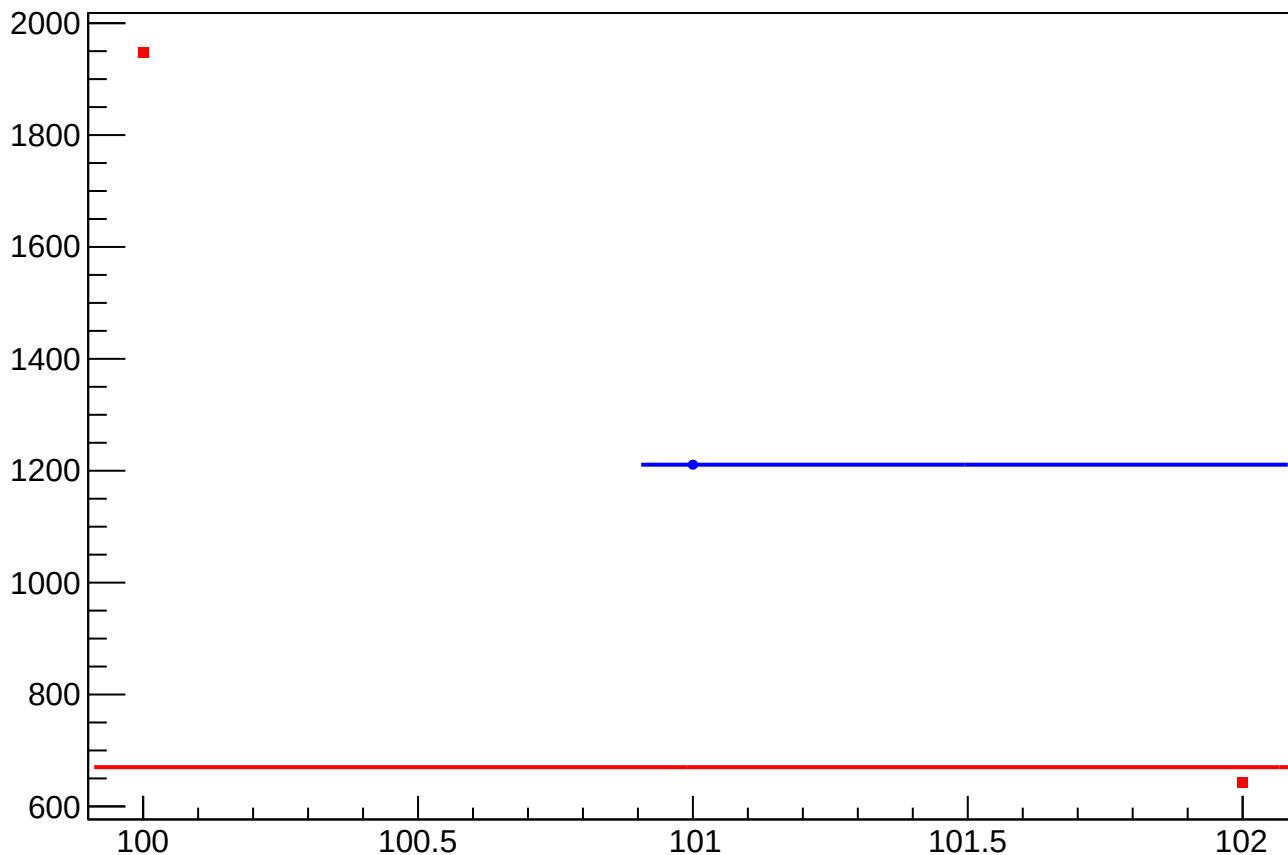
Right: 332.363+/-856.512 χ^2/NDF : 4.5/2

In: 2368.677+/-1495.883 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 332.363+/-856.512 χ^2/NDF : 4.5/2

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1210.805+/-1.058 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 670.137+/-0.739 χ^2/NDF : 63645.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

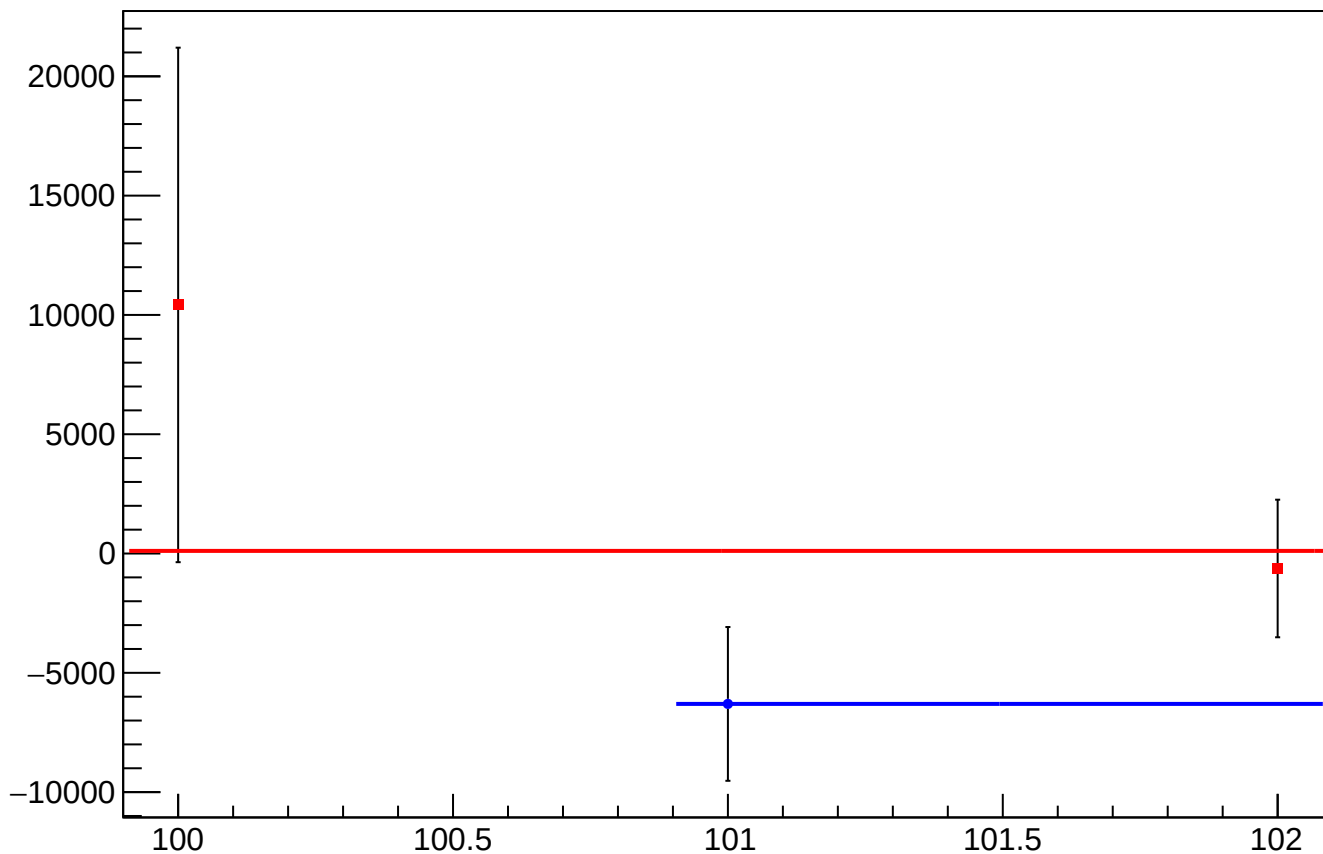
Right: 847.394+/-0.606 χ^2/NDF : 239261.4/2

In: 1210.805+/-1.058 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 847.394+/-0.606 χ^2/NDF : 239261.4/2

dit_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -6302.753+/-3222.485 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.167+/-2785.230 χ^2/NDF : 1.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

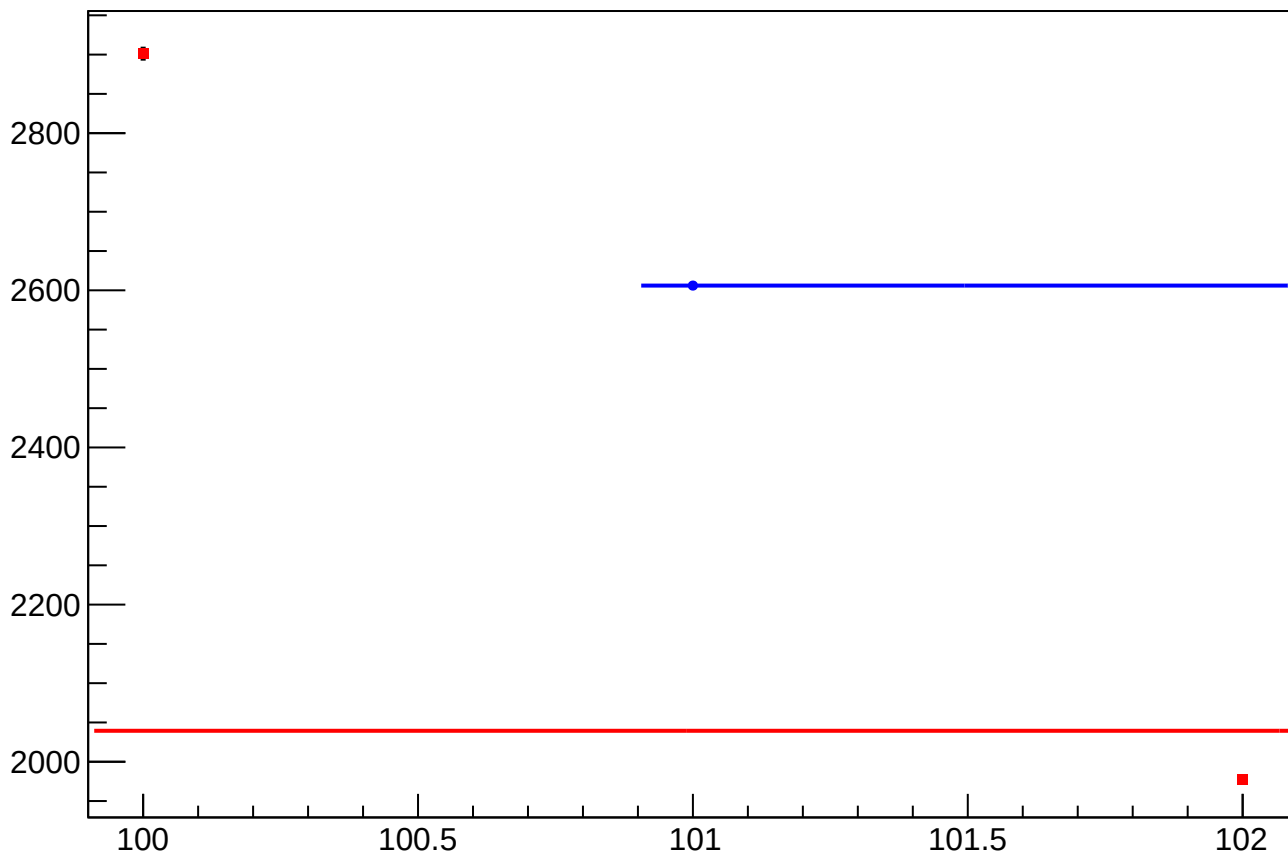
Right: -2632.005+/-2107.223 χ^2/NDF : 3.2/2

In: -6302.753+/-3222.485 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2632.005+/-2107.223 χ^2/NDF : 3.2/2

dit_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2606.020+/-2.279 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2039.416+/-1.969 χ^2/NDF : 13690.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

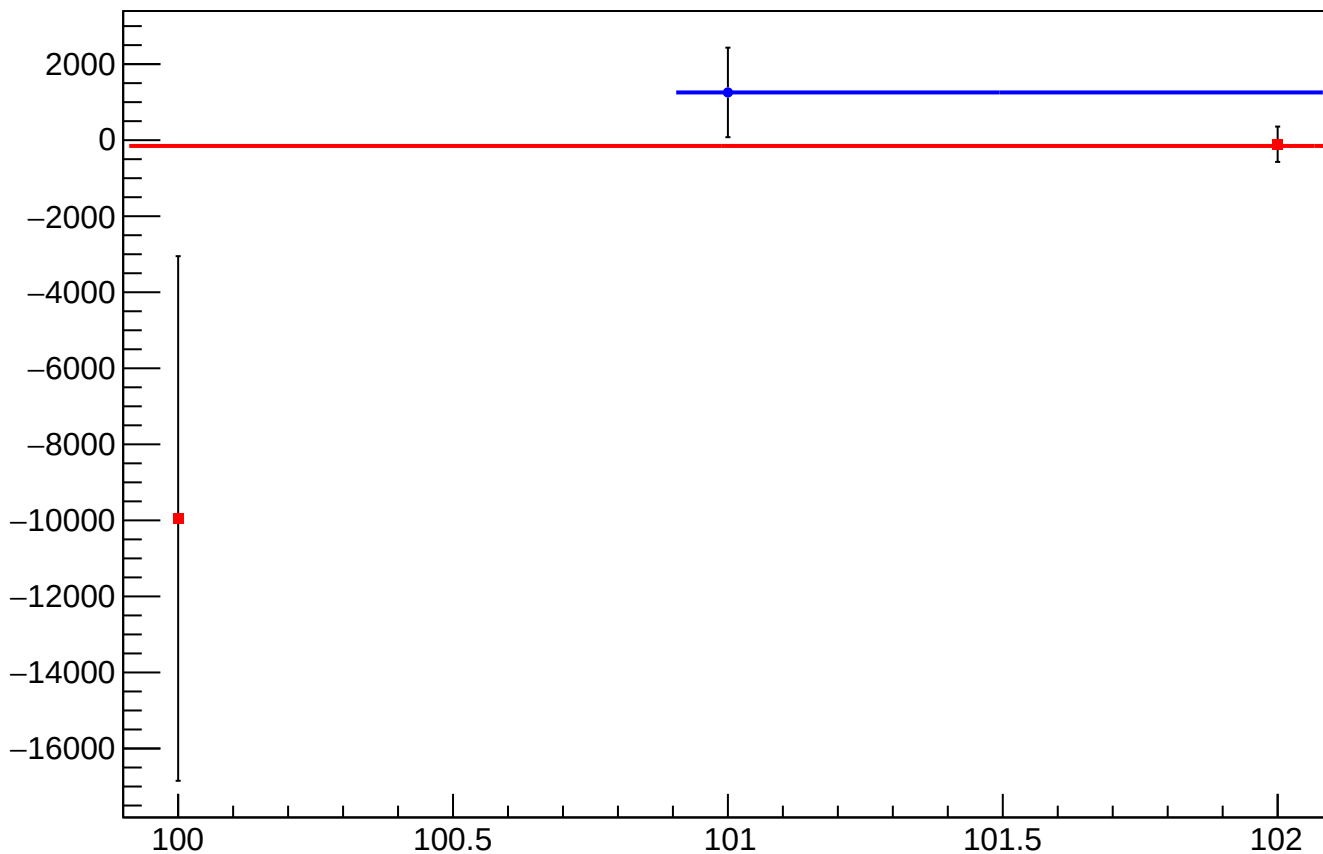
Right: 2281.695+/-1.490 χ^2/NDF : 49082.6/2

In: 2606.020+/-2.279 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2281.695+/-1.490 χ^2/NDF : 49082.6/2

asym_us_dd_at2lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1255.417 $\pm$ 1177.556 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -151.628 $\pm$ 463.563 χ^2 /NDF: 2.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

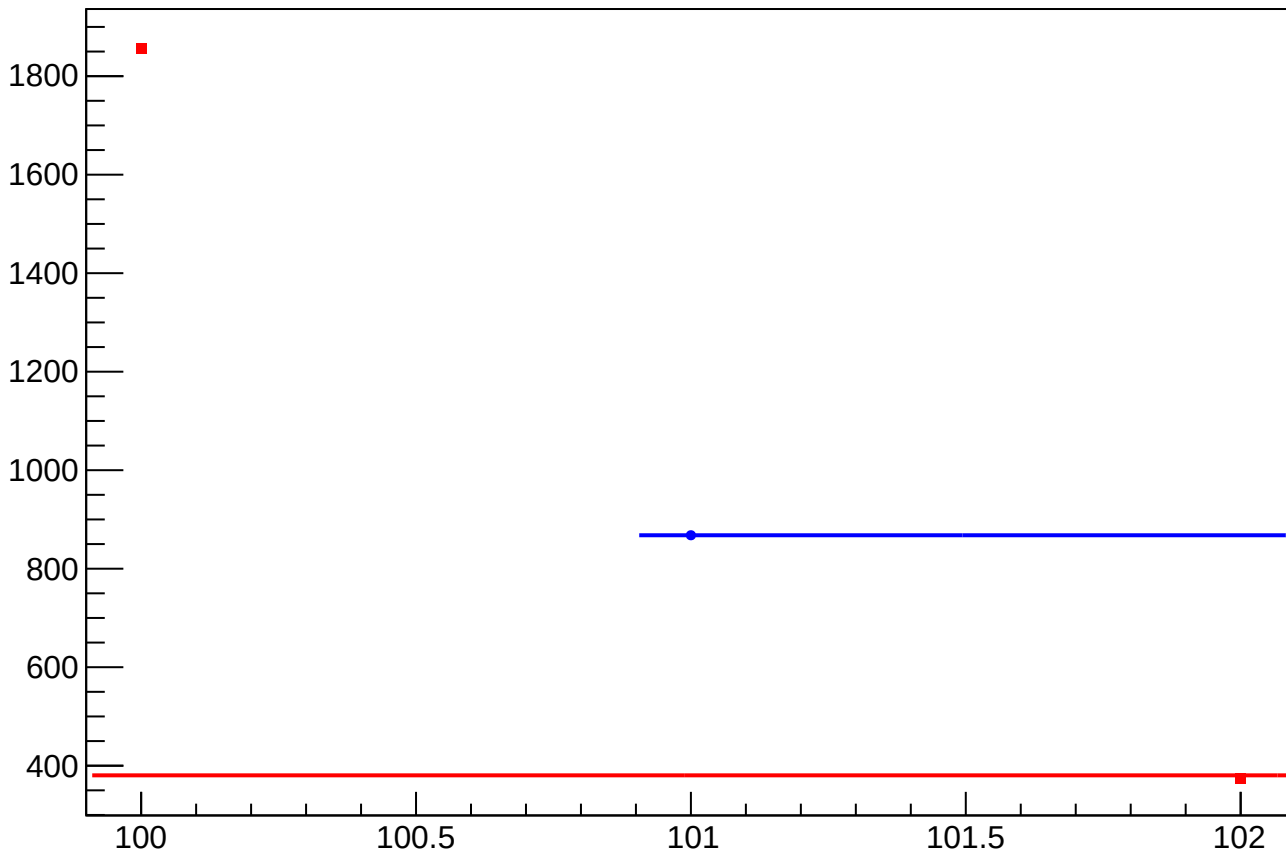
Right: 37.167 $\pm$ 431.343 χ^2 /NDF: 3.3/2

In: 1255.417 $\pm$ 1177.556 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 37.167 $\pm$ 431.343 χ^2 /NDF: 3.3/2

asym_us_dd_at2lr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 867.902 $\pm$ 0.833 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 380.448 $\pm$ 0.328 χ^2 /NDF: 92024.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

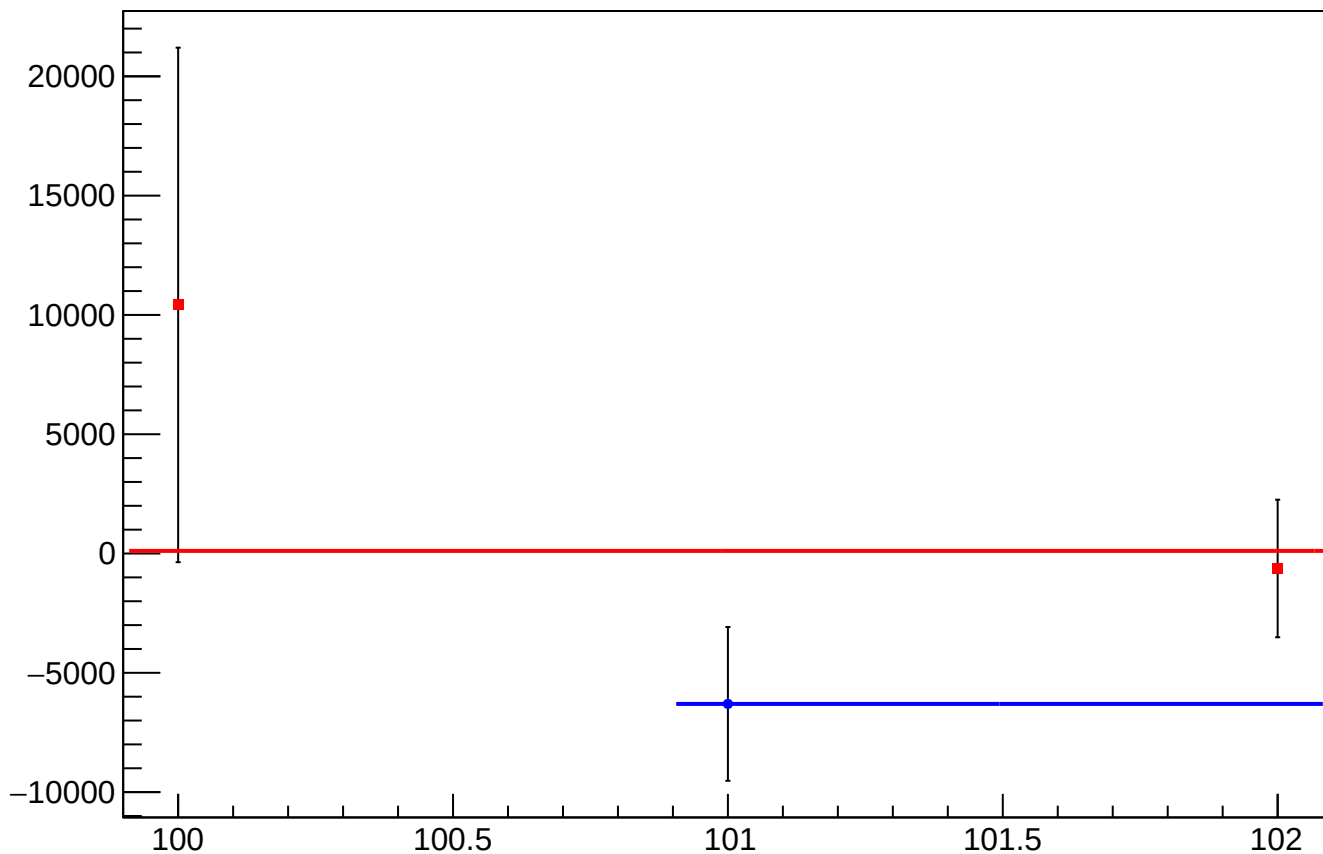
Right: 445.854 $\pm$ 0.305 χ^2 /NDF: 388755.4/2

In: 867.902 $\pm$ 0.833 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 445.854 $\pm$ 0.305 χ^2 /NDF: 388755.4/2

eigen_dit_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -6302.789+/-3222.486 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.182+/-2785.230 χ^2/NDF : 1.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

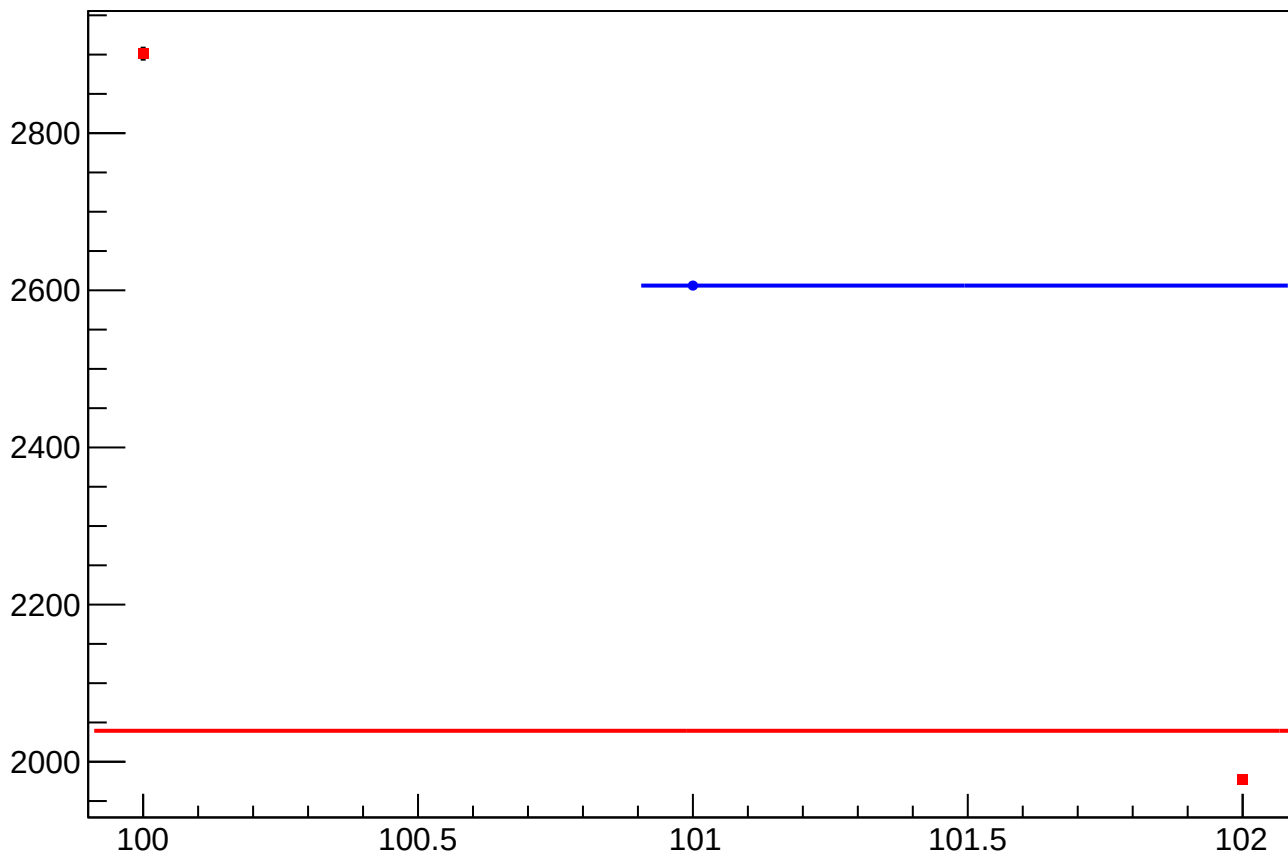
Right: -2632.012+/-2107.223 χ^2/NDF : 3.2/2

In: -6302.789+/-3222.486 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2632.012+/-2107.223 χ^2/NDF : 3.2/2

eigen_dit_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2606.020 $\pm$ 2.279 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2039.415 $\pm$ 1.969 χ^2 /NDF: 13690.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

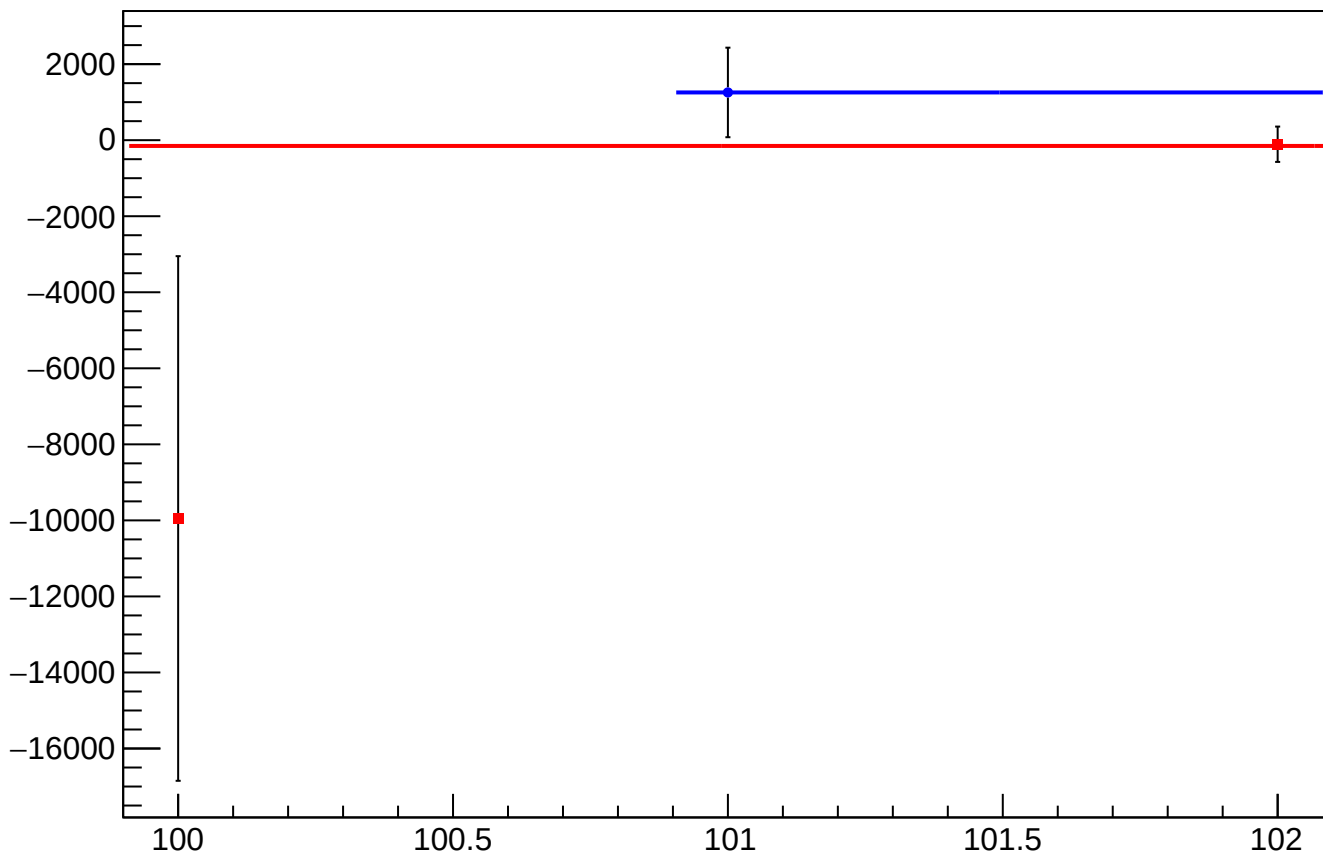
Right: 2281.695 $\pm$ 1.490 χ^2 /NDF: 49082.7/2

In: 2606.020 $\pm$ 2.279 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2281.695 $\pm$ 1.490 χ^2 /NDF: 49082.7/2

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1255.403+/-1177.547 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -151.628+/-463.561 χ^2/NDF : 2.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

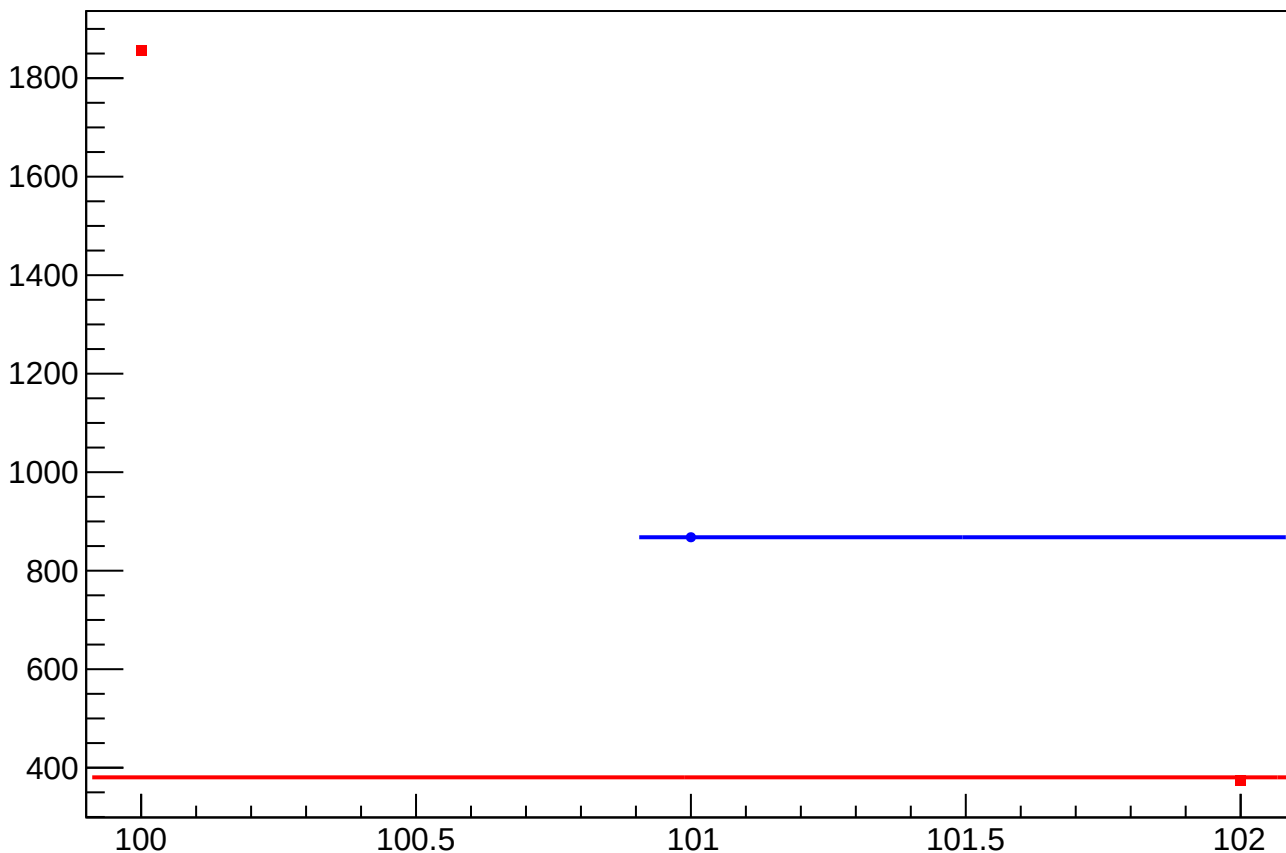
Right: 37.166+/-431.341 χ^2/NDF : 3.3/2

In: 1255.403+/-1177.547 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.166+/-431.341 χ^2/NDF : 3.3/2

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 867.896 $\pm$ 0.833 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 380.446 $\pm$ 0.328 χ^2 /NDF: 92024.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

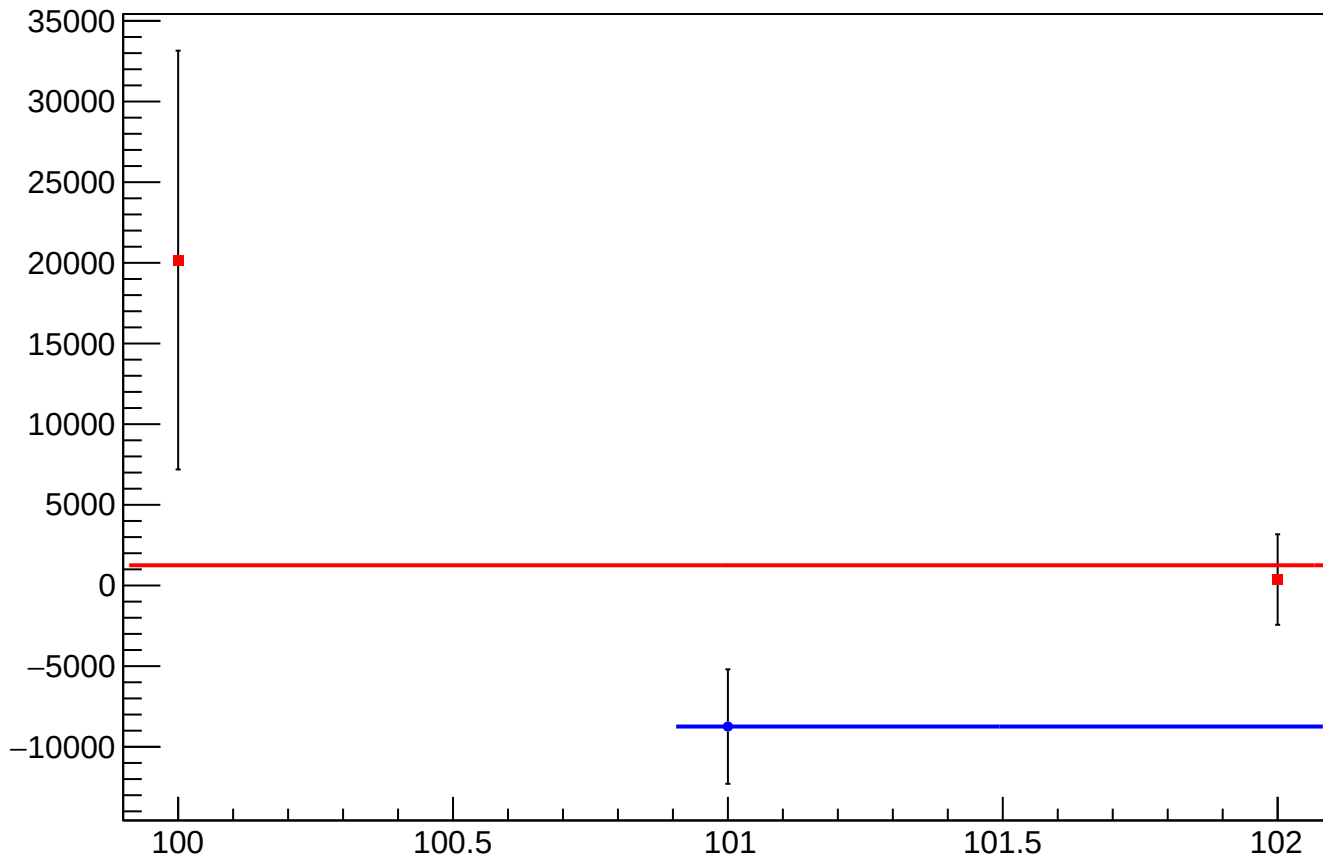
Right: 445.852 $\pm$ 0.305 χ^2 /NDF: 388754.3/2

In: 867.896 $\pm$ 0.833 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 445.852 $\pm$ 0.305 χ^2 /NDF: 388754.3/2

asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -8743.167+/-3549.358 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1253.326+/-2741.663 χ^2/NDF : 2.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

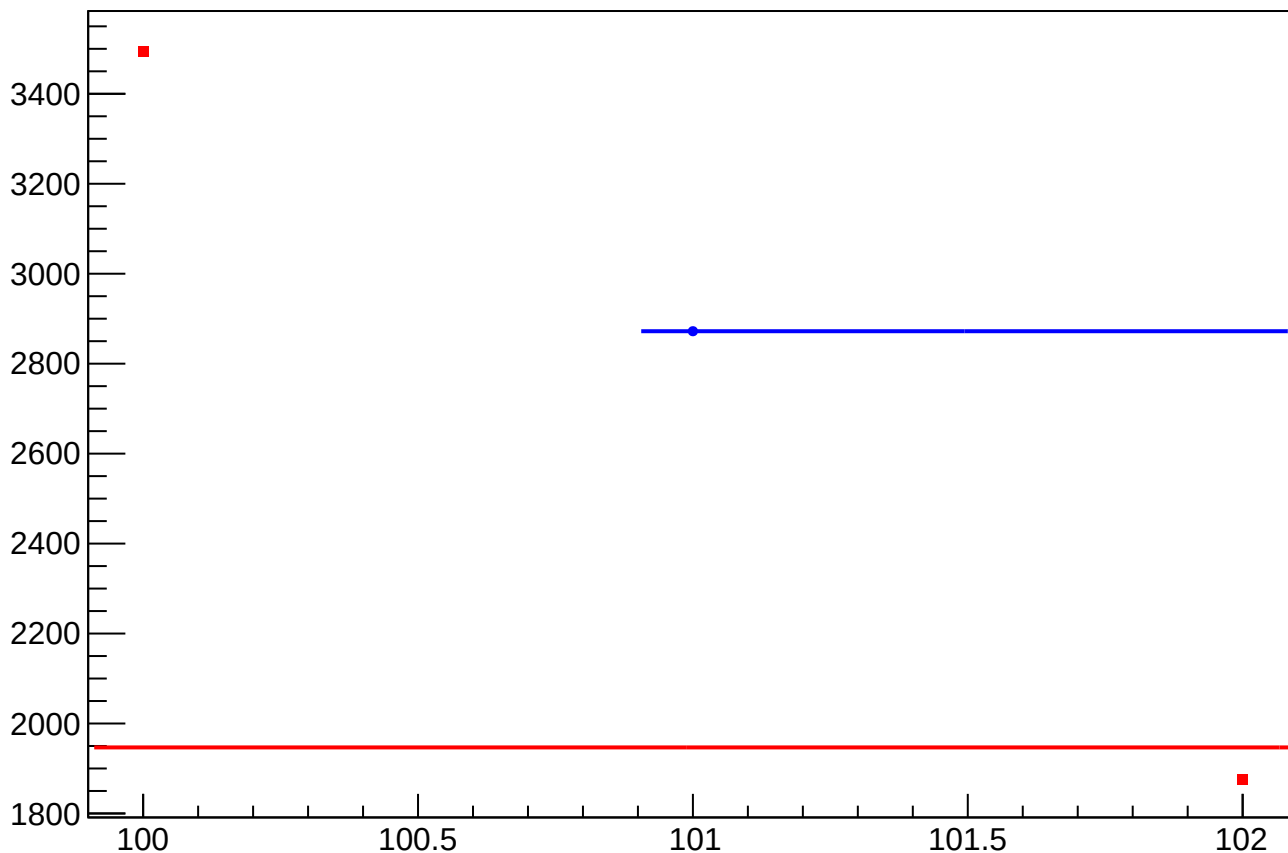
Right: -2482.298+/-2169.739 χ^2/NDF : 7.2/2

In: -8743.167+/-3549.358 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2482.298+/-2169.739 χ^2/NDF : 7.2/2

asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2872.162 $\pm$ 2.510 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1946.824 $\pm$ 1.939 χ^2 /NDF: 29720.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

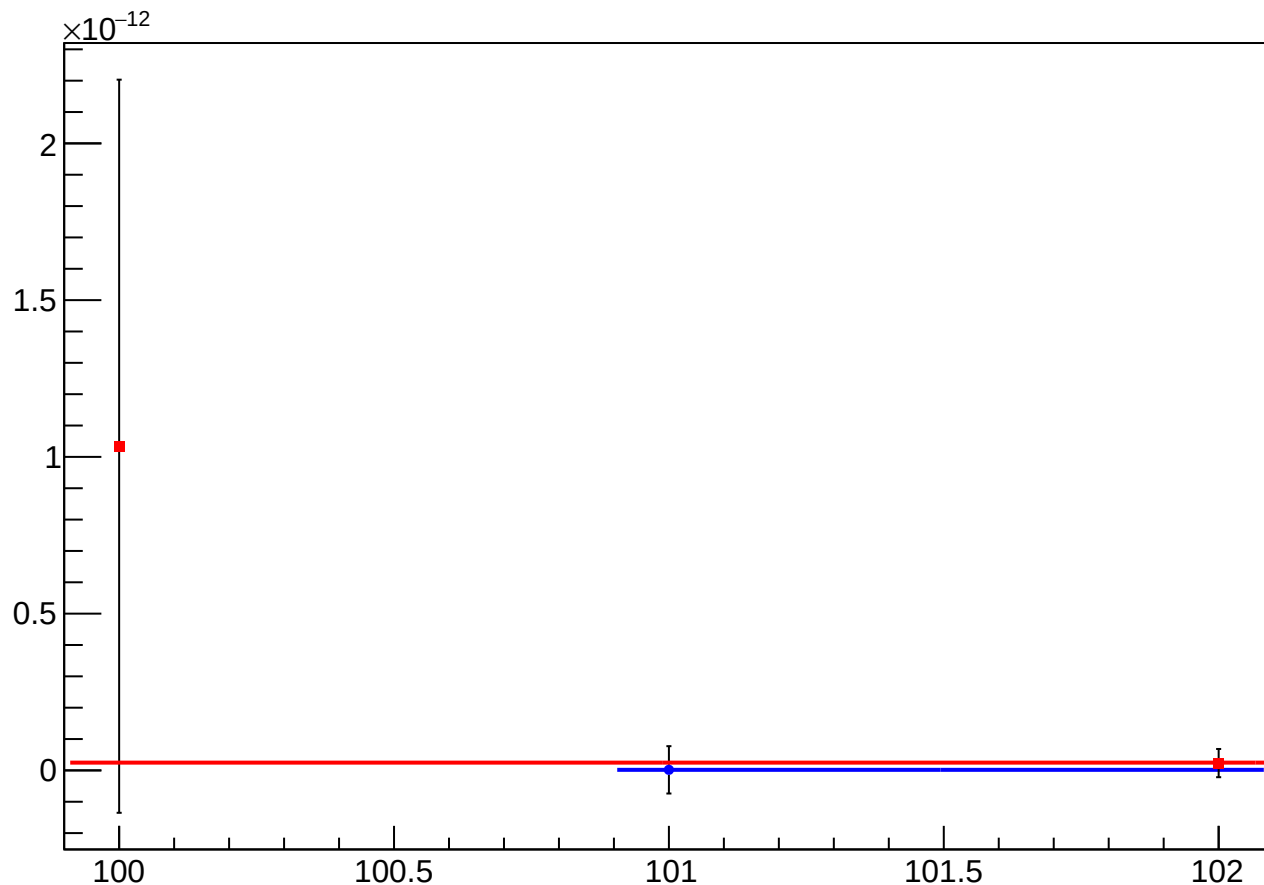
Right: 2292.615 $\pm$ 1.534 χ^2 /NDF: 114857.2/2

In: 2872.162 $\pm$ 2.510 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2292.615 $\pm$ 1.534 χ^2 /NDF: 114857.2/2

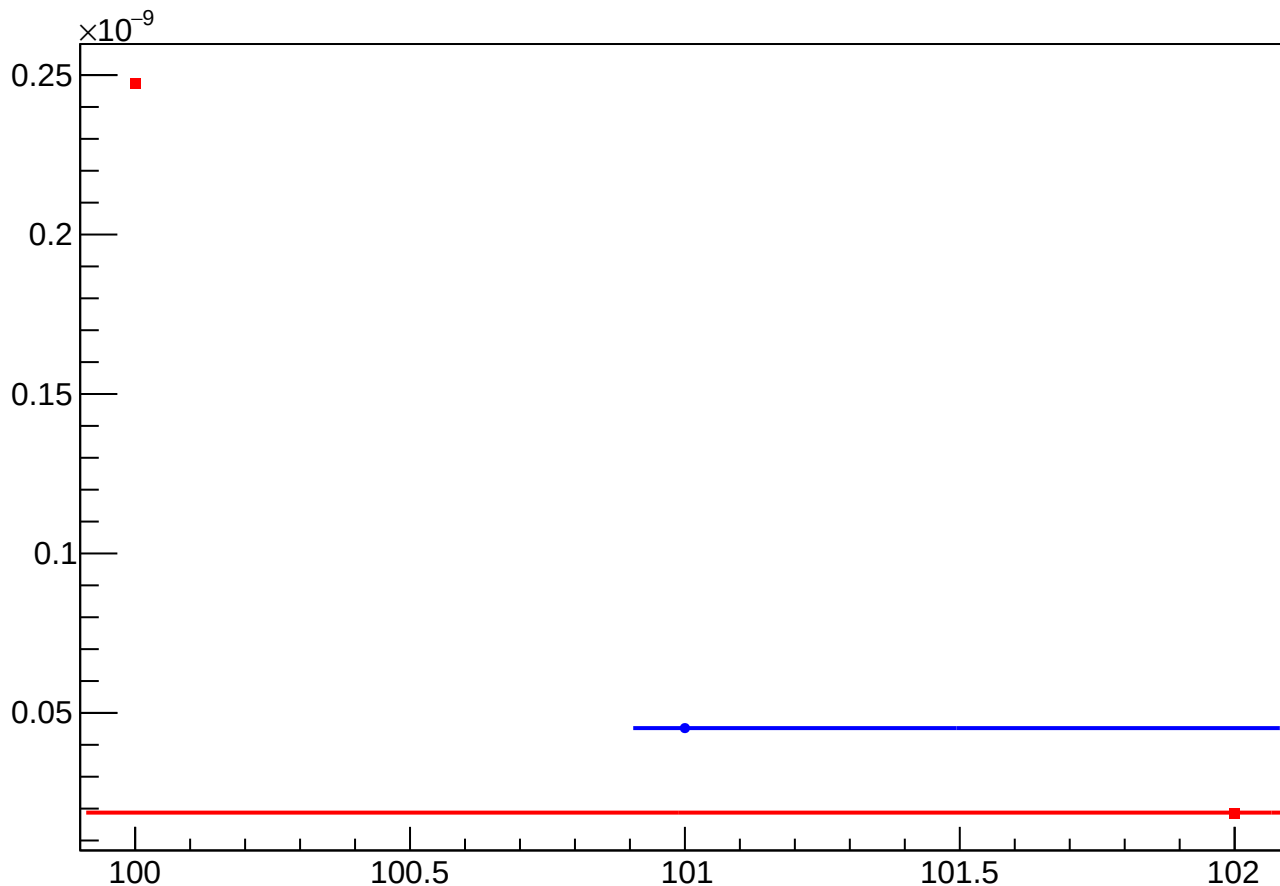
asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.7/1
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.8/2
 In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.8/2

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_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 : 76615.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

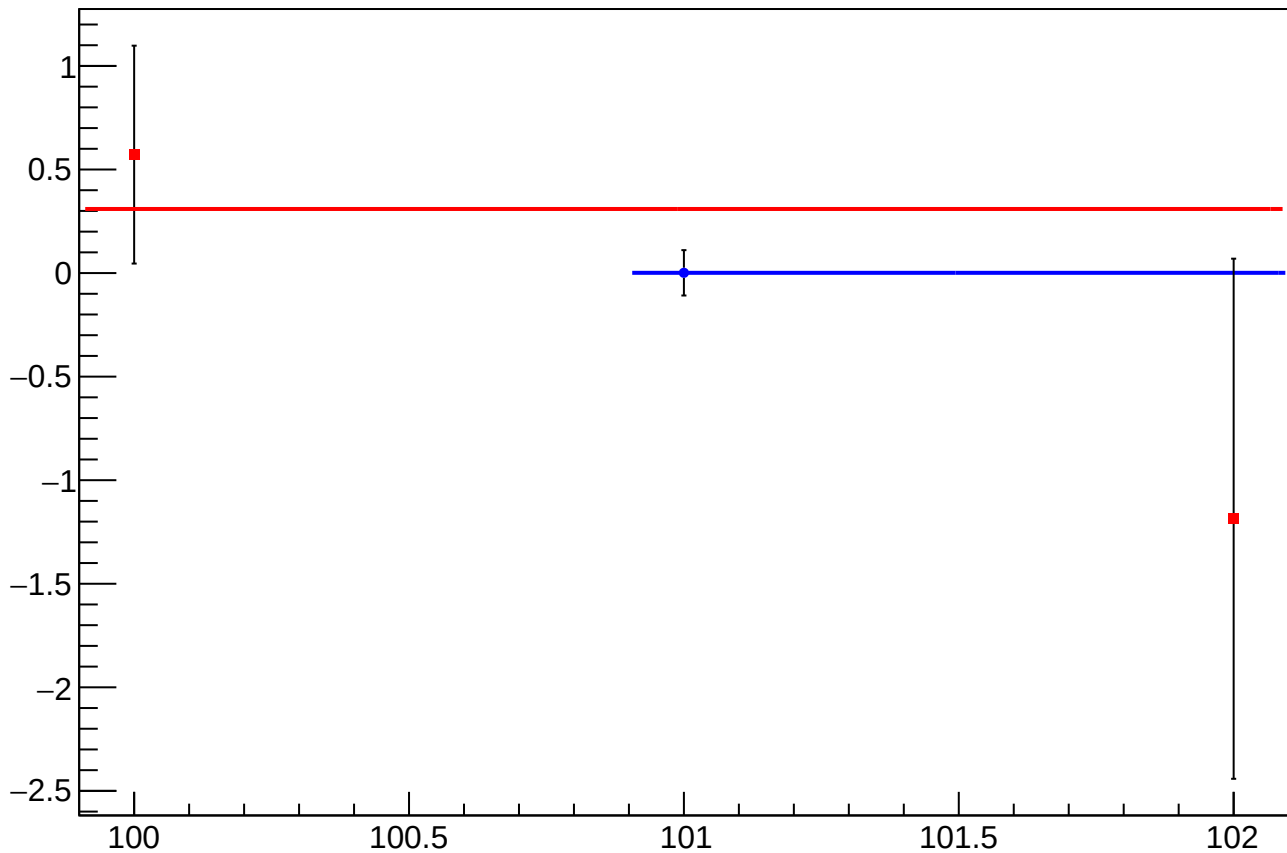
Right: 0.000+/-0.000 χ^2/NDF : 258423.0/2

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 : 258423.0/2

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.110 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.309+/-0.485 χ^2/NDF : 1.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

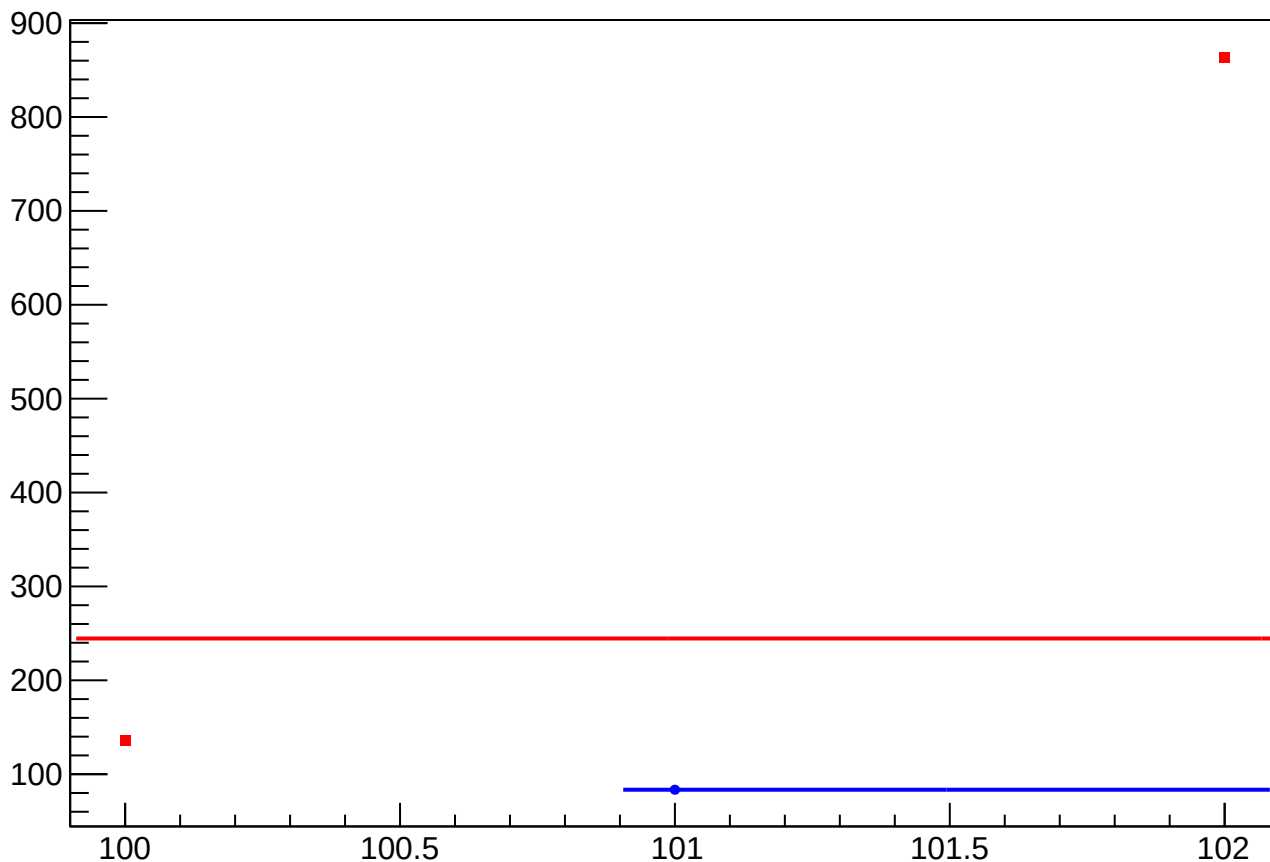
Right: 0.016+/-0.107 χ^2/NDF : 2.1/2

In: 0.001+/-0.110 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.107 χ^2/NDF : 2.1/2

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 83.468+/-0.077 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 244.540+/-0.343 χ^2/NDF : 571088.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

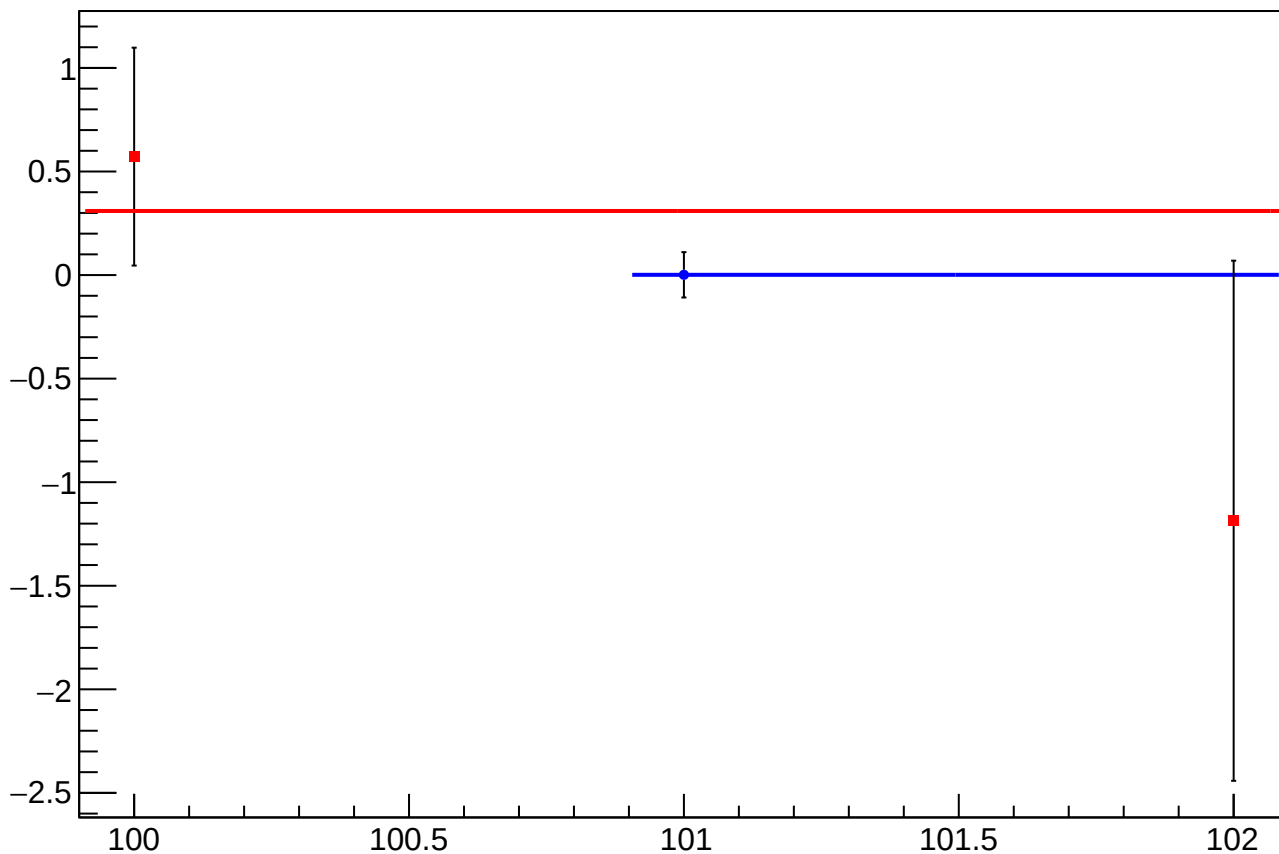
Right: 91.277+/-0.076 χ^2/NDF : 780864.5/2

In: 83.468+/-0.077 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.277+/-0.076 χ^2/NDF : 780864.5/2

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.110 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.309+/-0.485 χ^2/NDF : 1.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

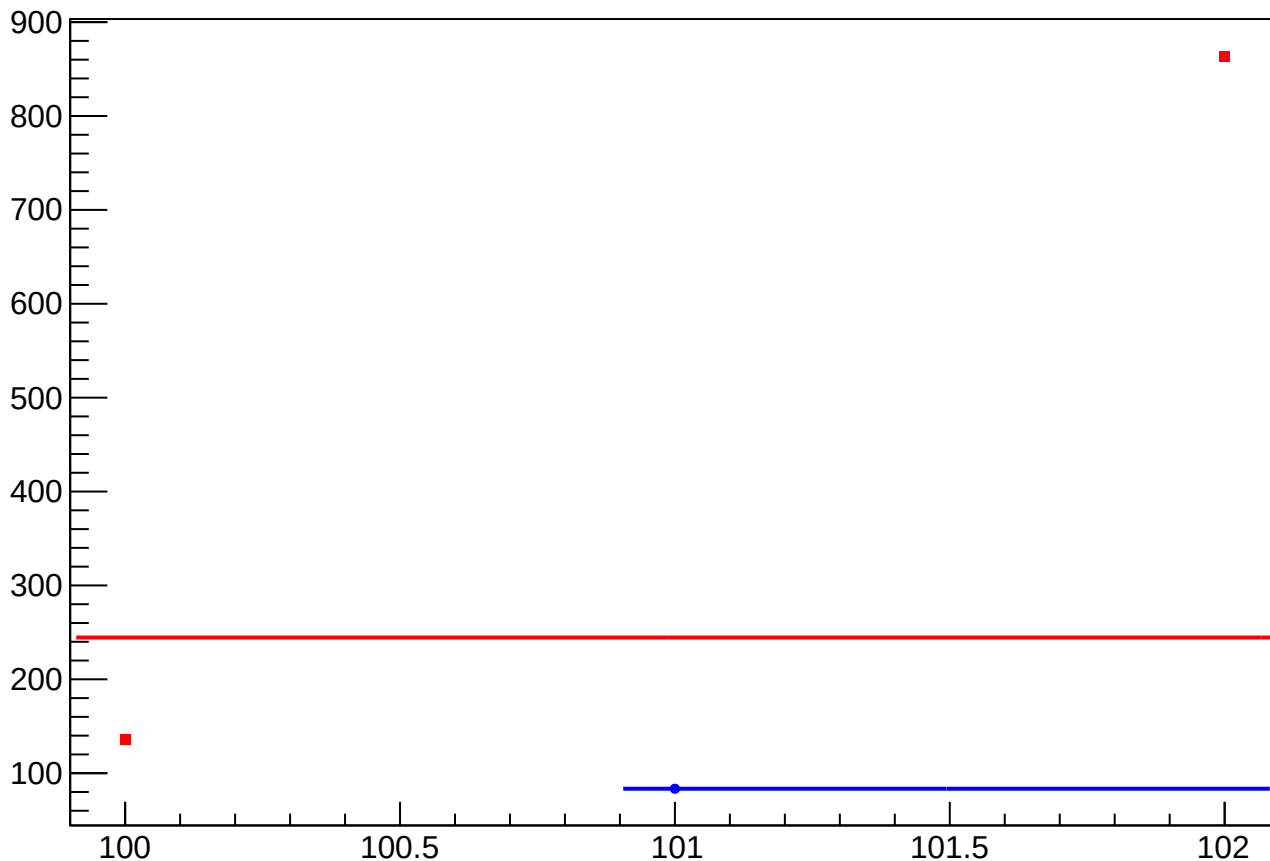
Right: 0.016+/-0.107 χ^2/NDF : 2.1/2

In: 0.001+/-0.110 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.107 χ^2/NDF : 2.1/2

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 83.468+/-0.077 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 244.540+/-0.343 χ^2/NDF : 571088.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

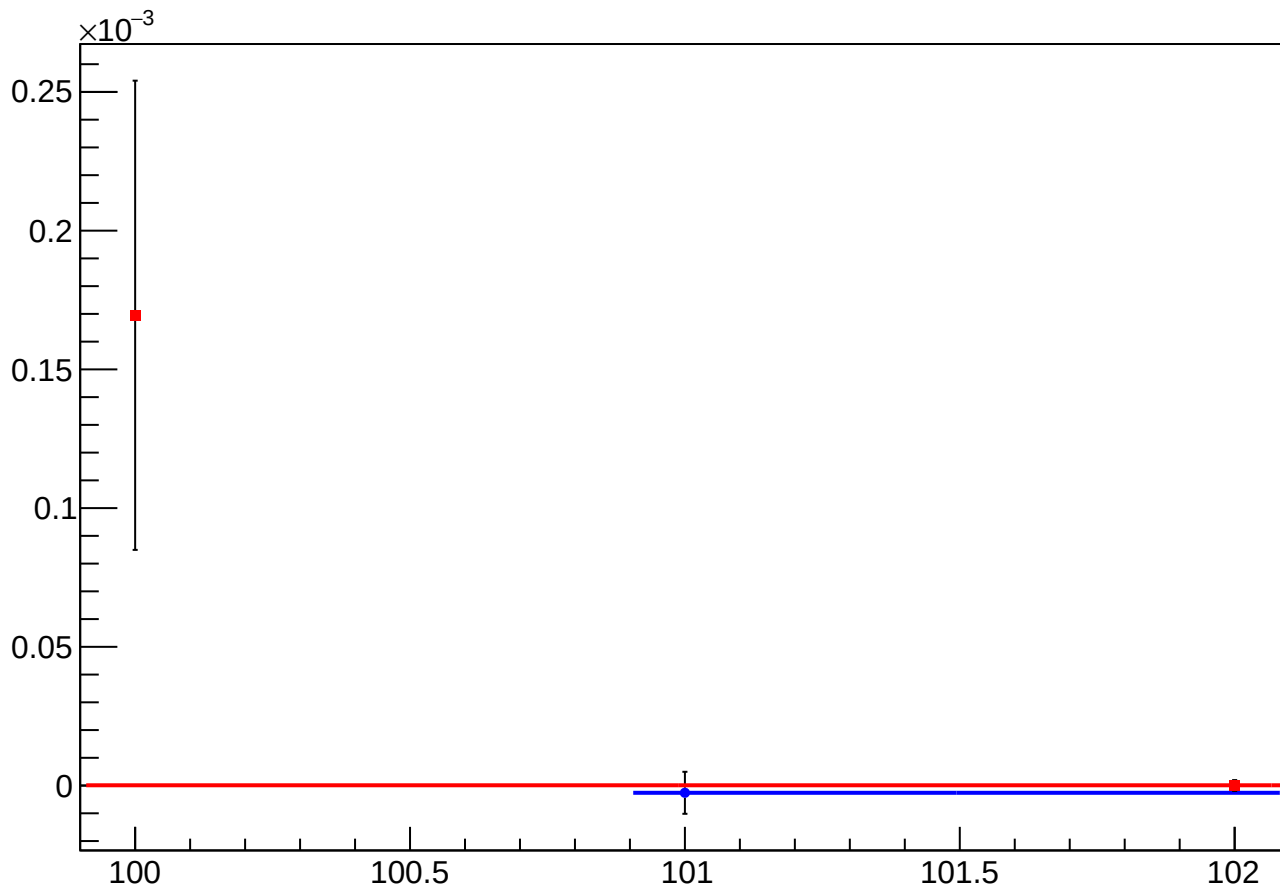
Right: 91.277+/-0.076 χ^2/NDF : 780864.5/2

In: 83.468+/-0.077 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.277+/-0.076 χ^2/NDF : 780864.5/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

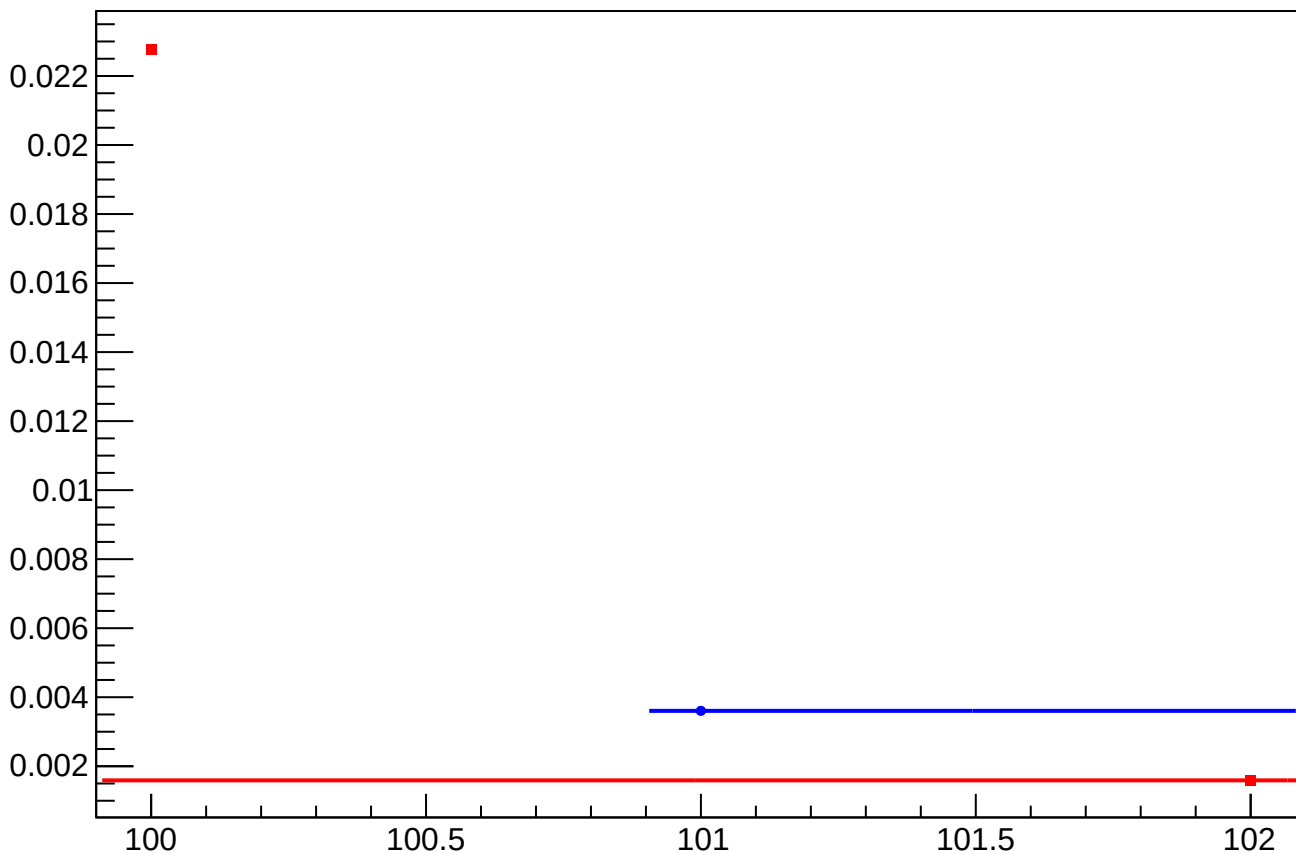
Right: -0.000+/-0.000 χ^2/NDF : 4.1/2

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 : 4.1/2

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 125420.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

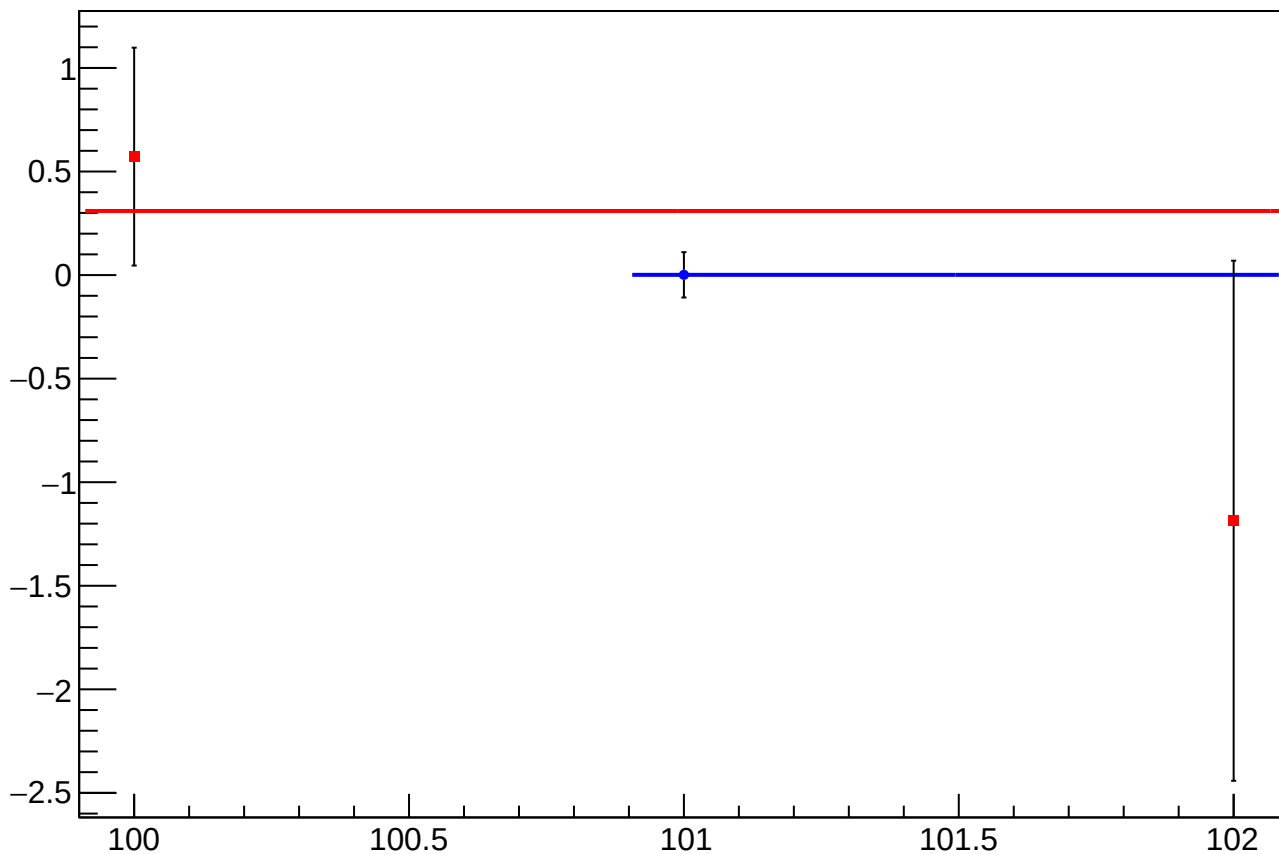
Right: 0.002+/-0.000 χ^2/NDF : 258077.3/2

In: 0.004+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 258077.3/2

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.110 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.309+/-0.485 χ^2/NDF : 1.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

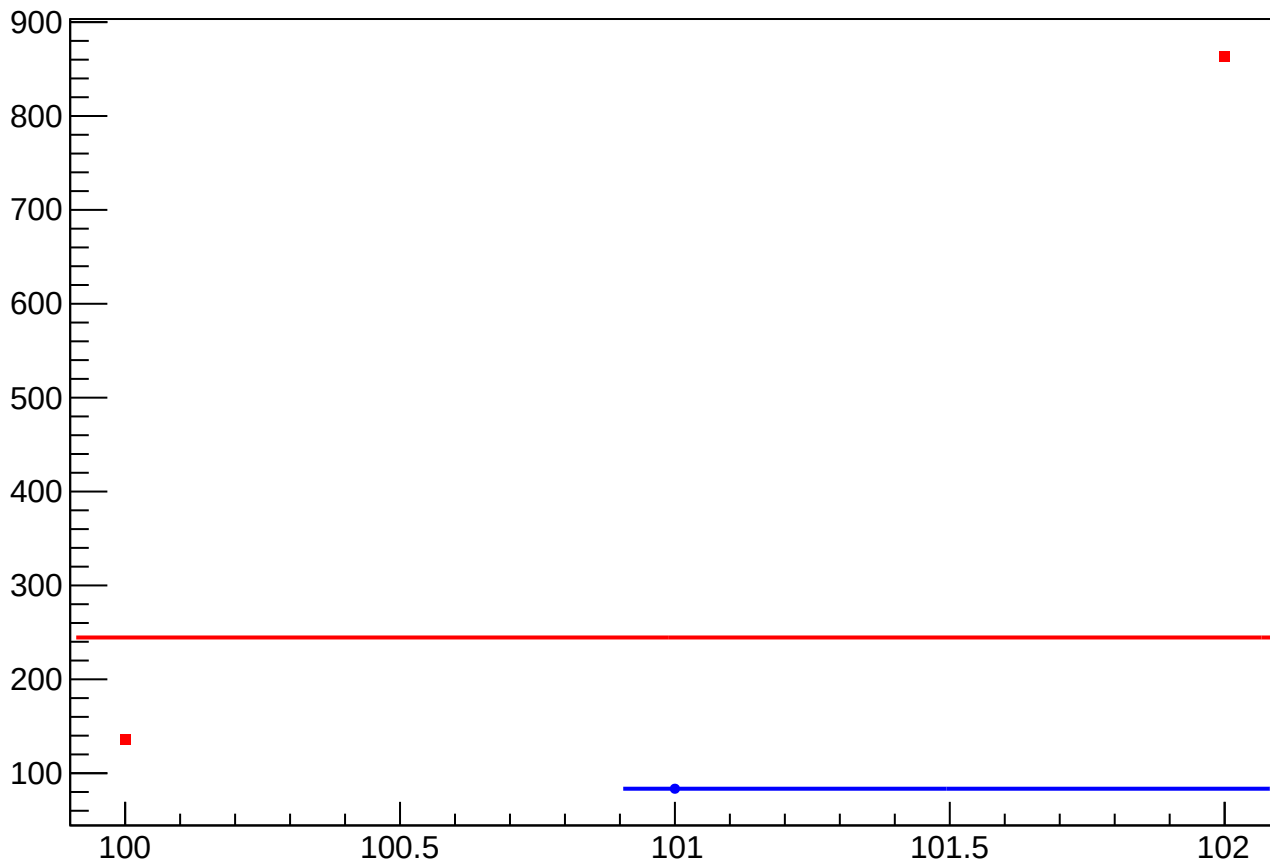
Right: 0.016+/-0.107 χ^2/NDF : 2.1/2

In: 0.001+/-0.110 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.107 χ^2/NDF : 2.1/2

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 83.473+/-0.077 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 244.558+/-0.343 χ^2/NDF : 571064.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

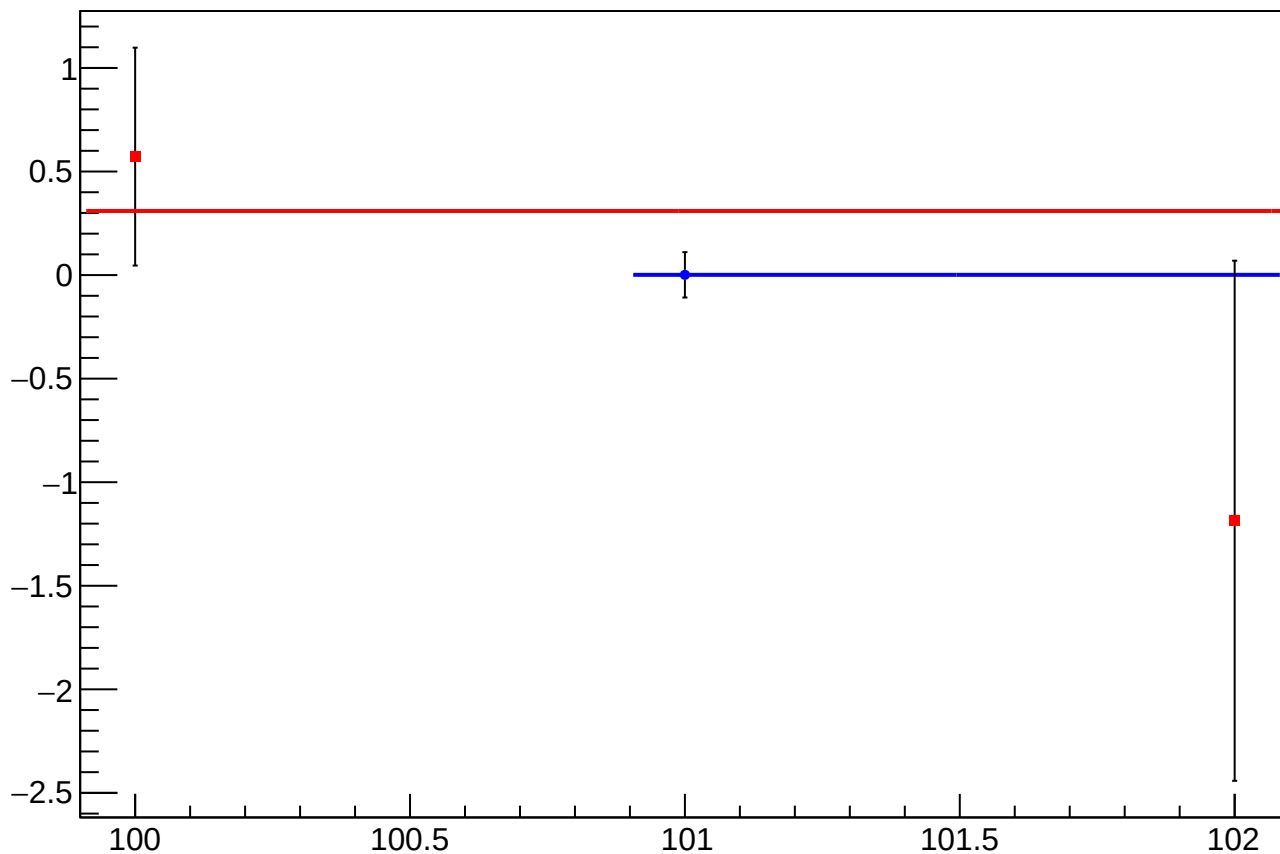
Right: 91.283+/-0.076 χ^2/NDF : 780853.2/2

In: 83.473+/-0.077 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.283+/-0.076 χ^2/NDF : 780853.2/2

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.110 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.309+/-0.485 χ^2/NDF : 1.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

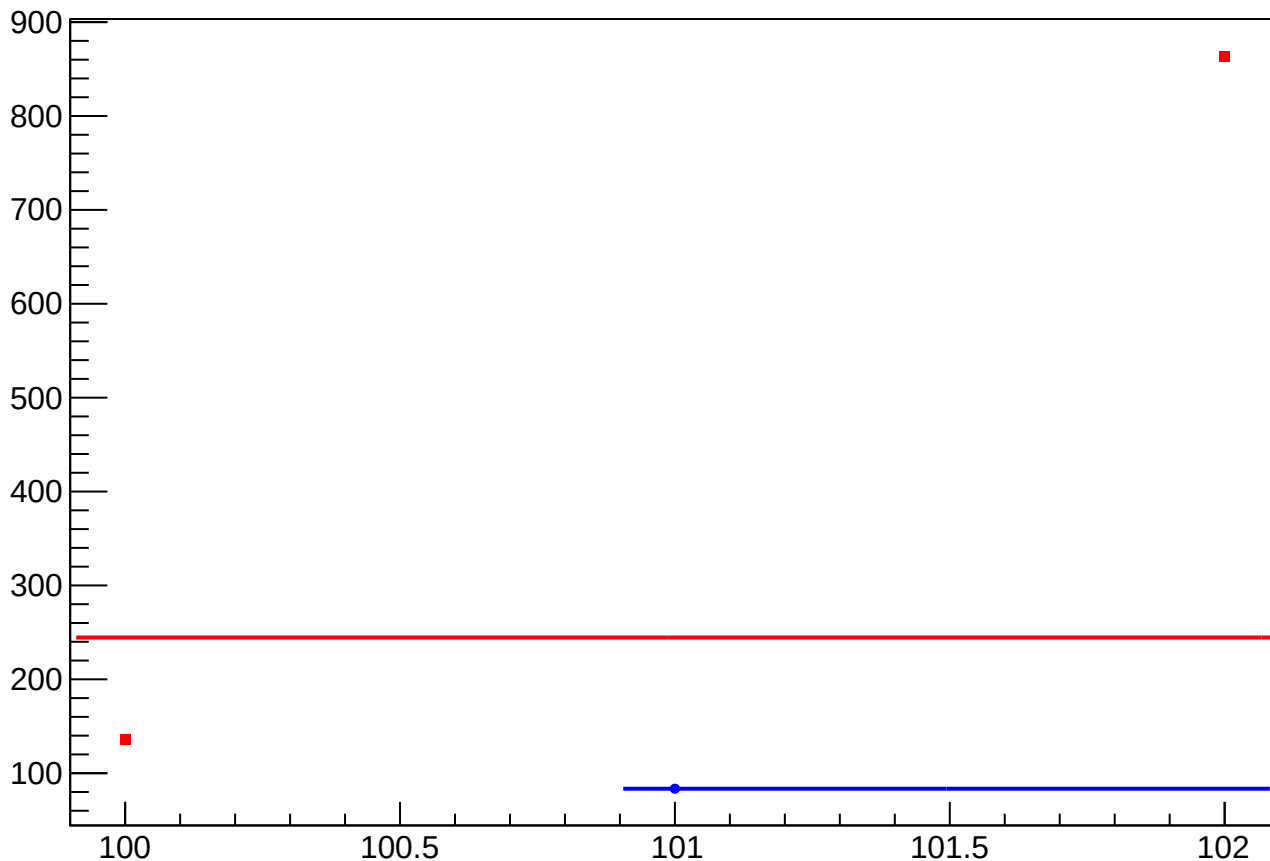
Right: 0.016+/-0.107 χ^2/NDF : 2.1/2

In: 0.001+/-0.110 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.107 χ^2/NDF : 2.1/2

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 83.473+/-0.077 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 244.558+/-0.343 χ^2/NDF : 571064.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

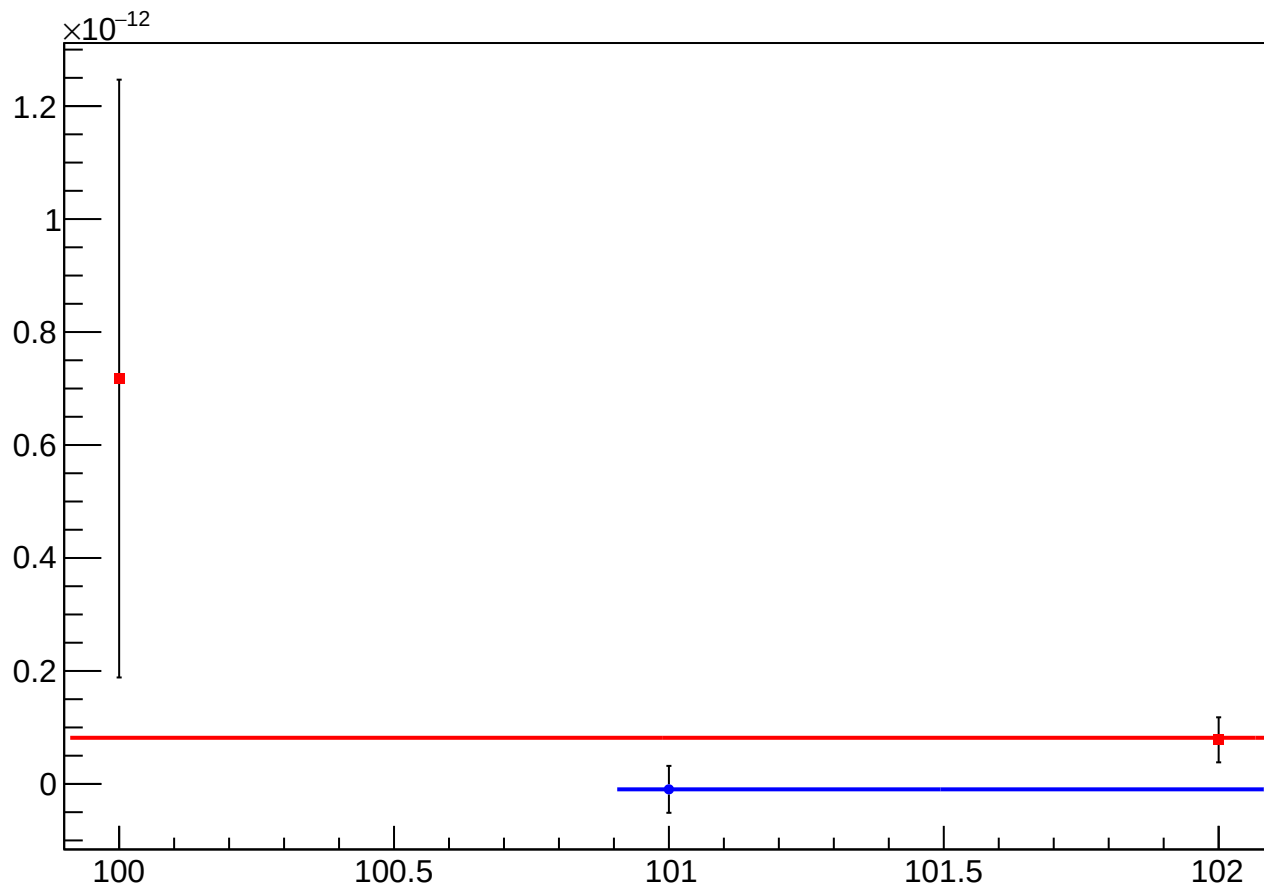
Right: 91.283+/-0.076 χ^2/NDF : 780853.2/2

In: 83.473+/-0.077 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.283+/-0.076 χ^2/NDF : 780853.2/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

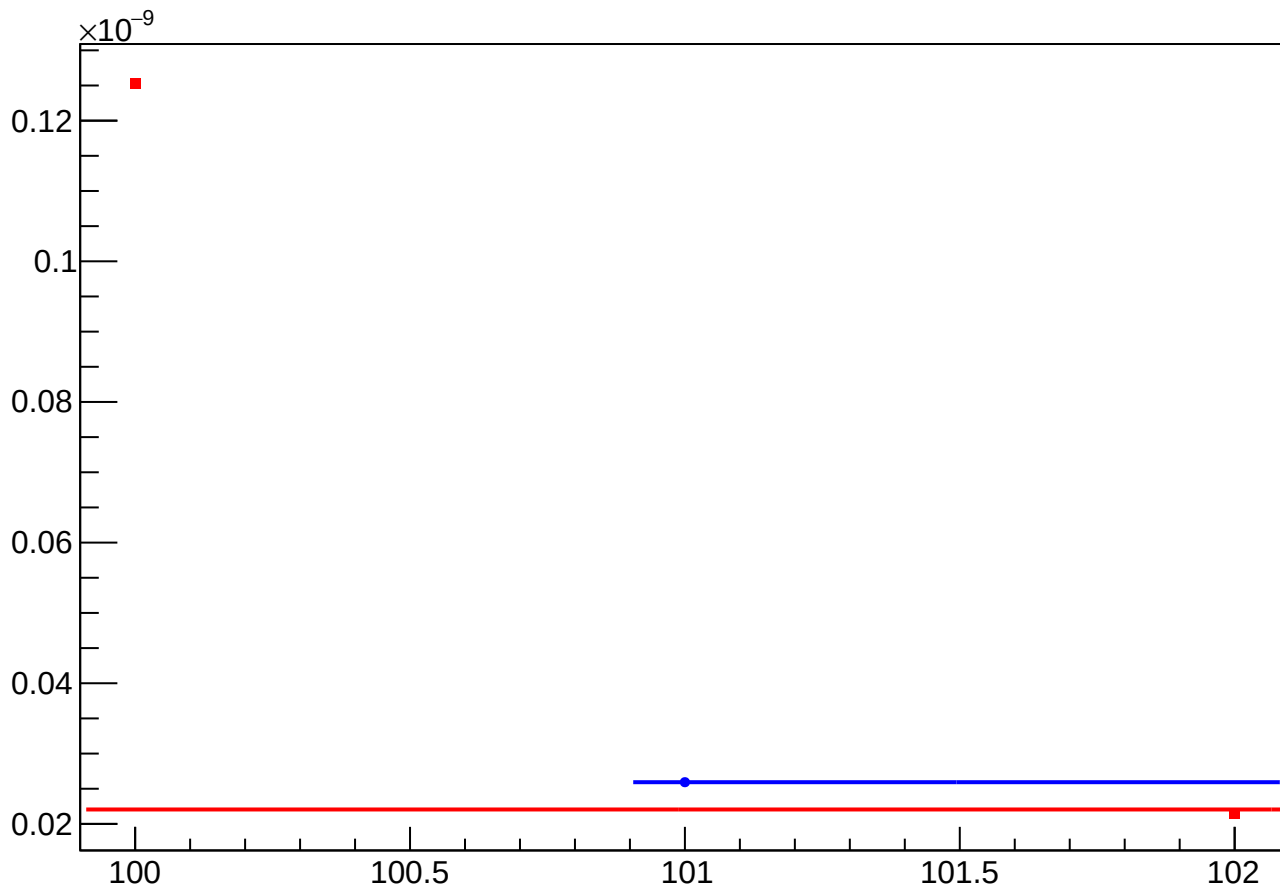
Right: 0.000+/-0.000 χ^2/NDF : 4.0/2

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 : 4.0/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 76598.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

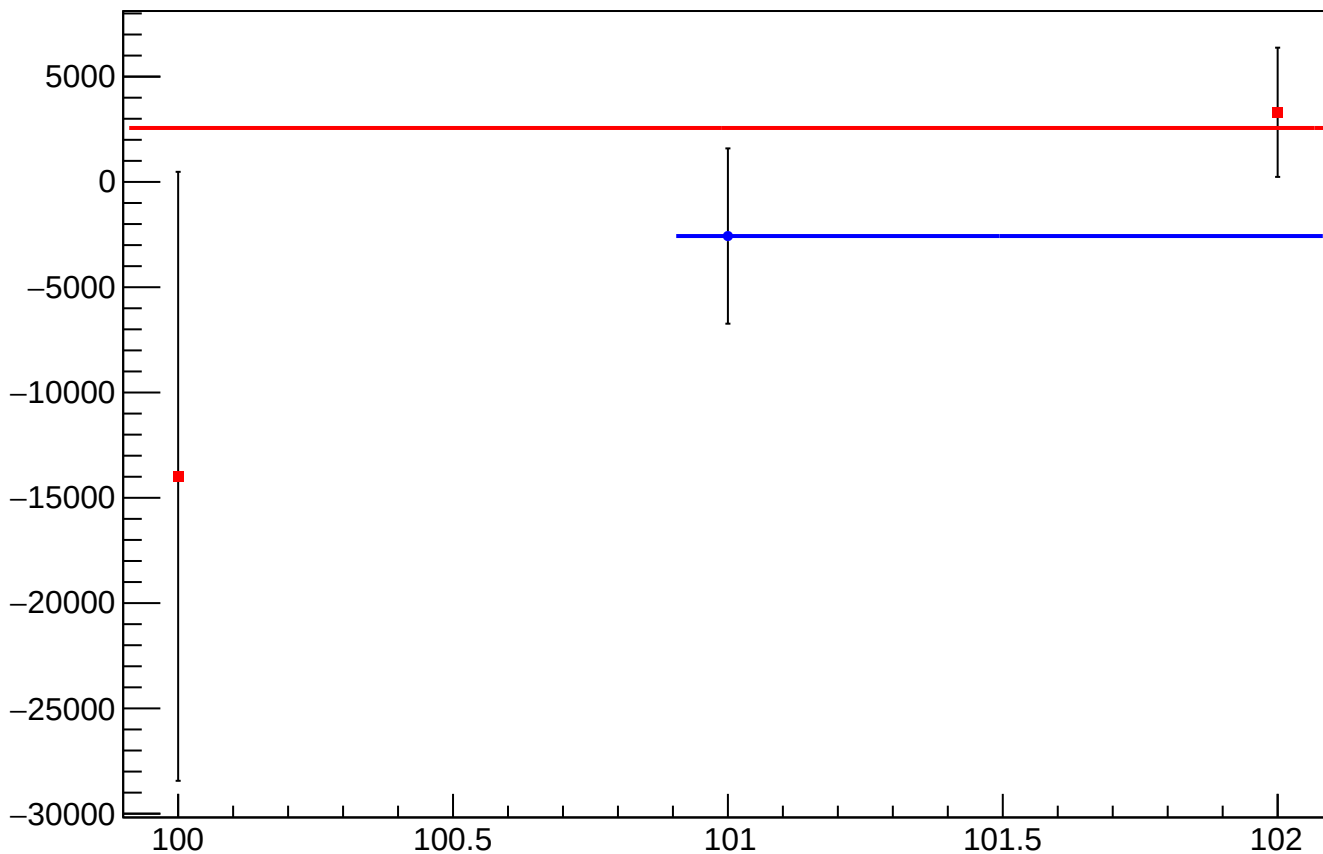
Right: 0.000+/-0.000 χ^2/NDF : 85706.0/2

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 : 85706.0/2

reg_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -2569.480+/-4161.893 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2562.025+/-3001.538 χ^2/NDF : 1.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

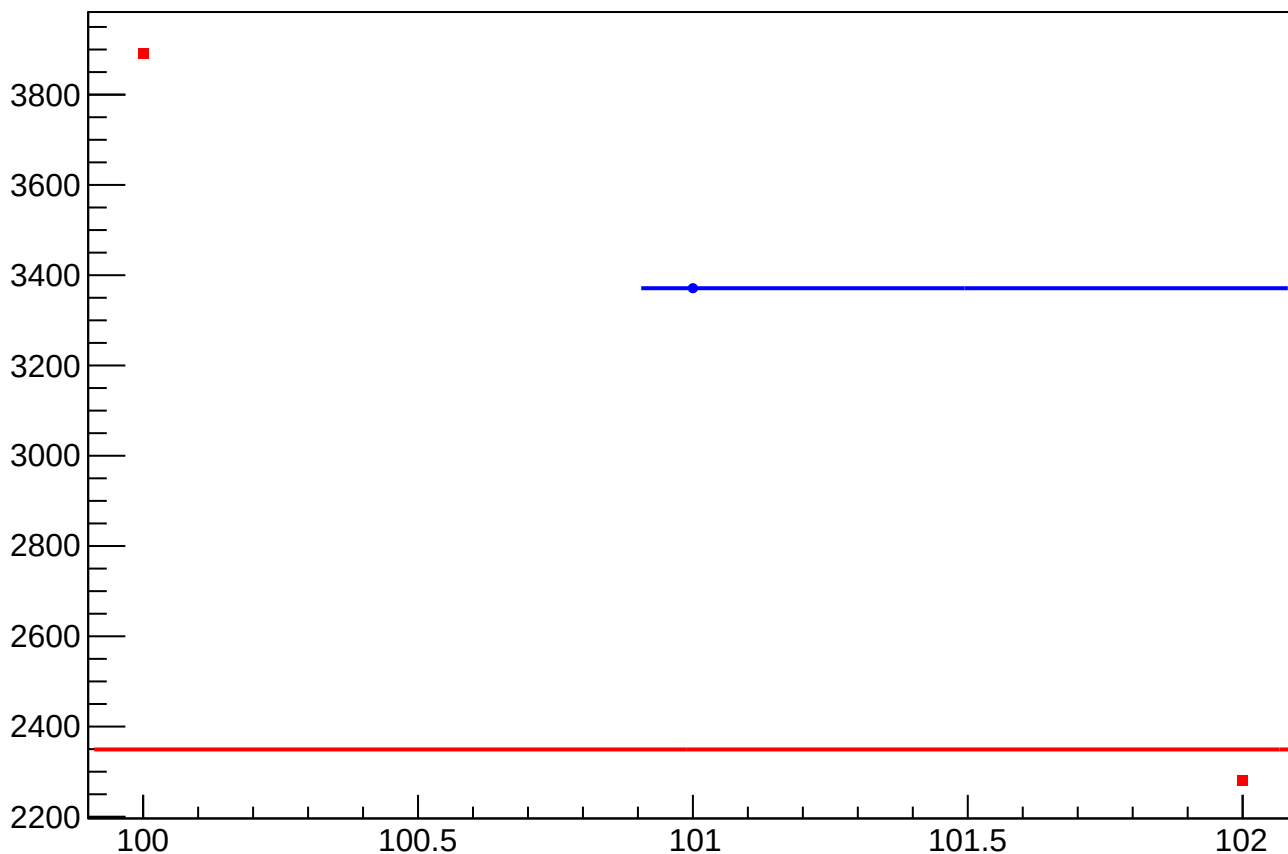
Right: 806.238+/-2434.470 χ^2/NDF : 2.4/2

In: -2569.480+/-4161.893 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 806.238+/-2434.470 χ^2/NDF : 2.4/2

reg_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3371.167 $\pm$ 2.943 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2349.255 $\pm$ 2.122 χ^2 /NDF: 23784.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

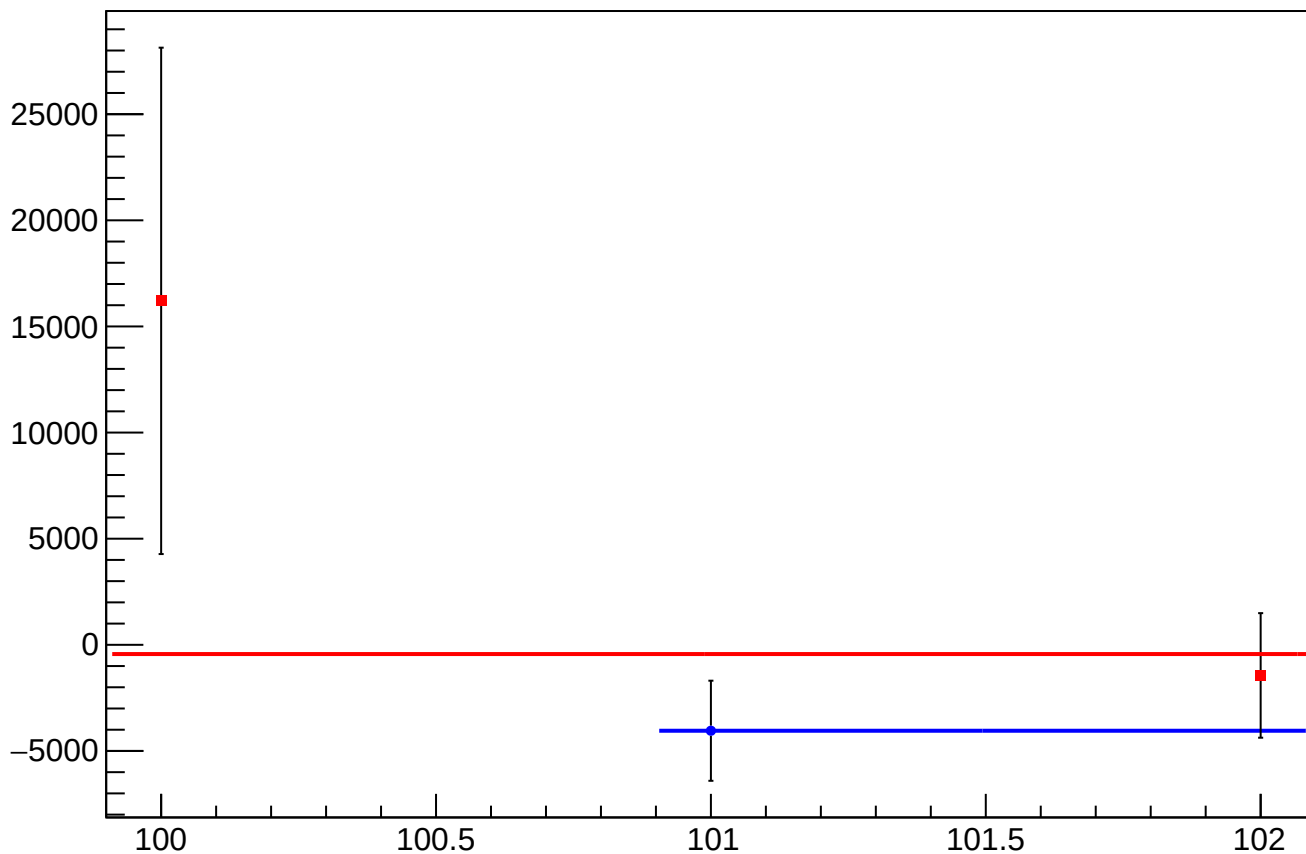
Right: 2698.905 $\pm$ 1.721 χ^2 /NDF: 103107.3/2

In: 3371.167 $\pm$ 2.943 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2698.905 $\pm$ 1.721 χ^2 /NDF: 103107.3/2

asym_us_dd_atlr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -4048.356+/-2358.148 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -434.914+/-2849.472 χ^2 /NDF: 2.1/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

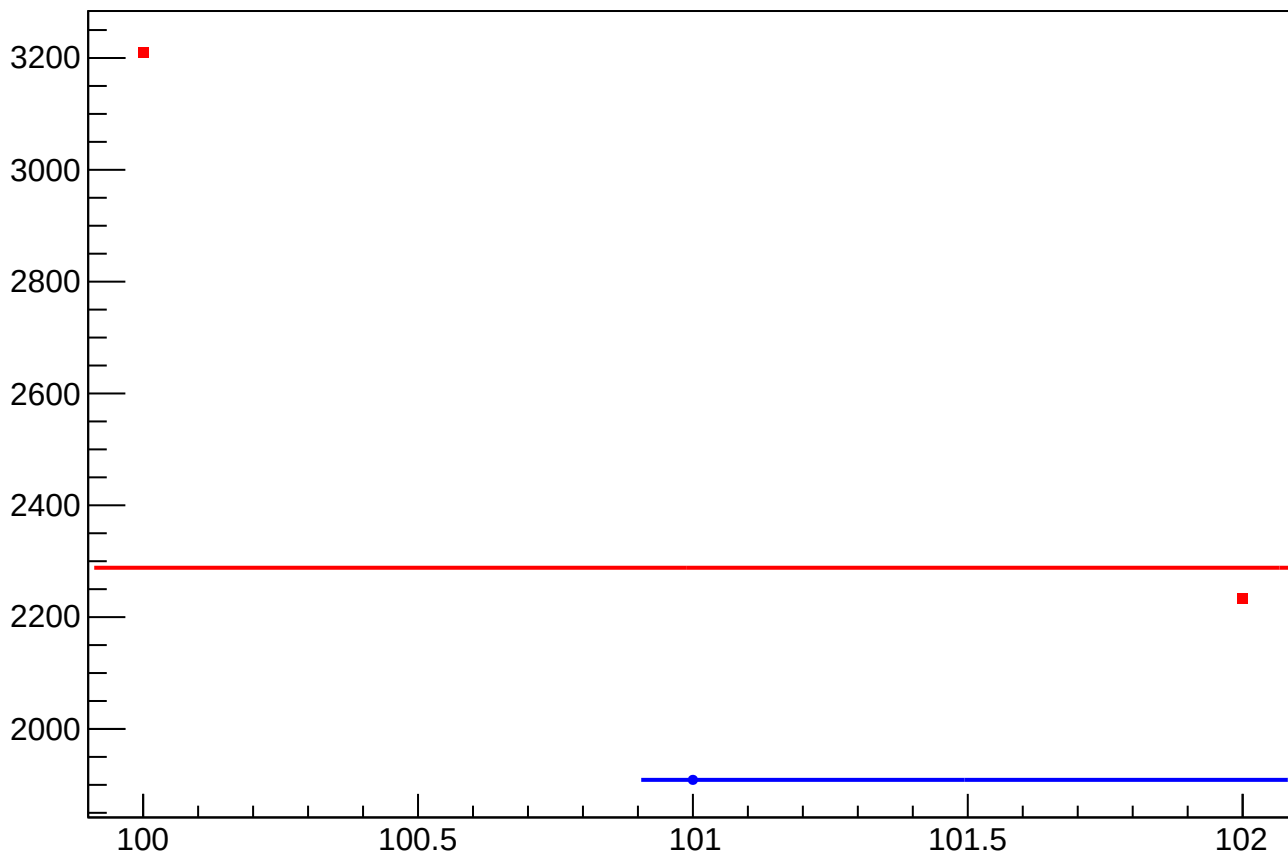
Right: -2579.545+/-1816.715 χ^2 /NDF: 3.0/2

In: -4048.356+/-2358.148 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -2579.545+/-1816.715 χ^2 /NDF: 3.0/2

asym_us_dd_atlr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1908.936 $\pm$ 1.667 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2288.308 $\pm$ 2.015 χ^2 /NDF: 12663.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

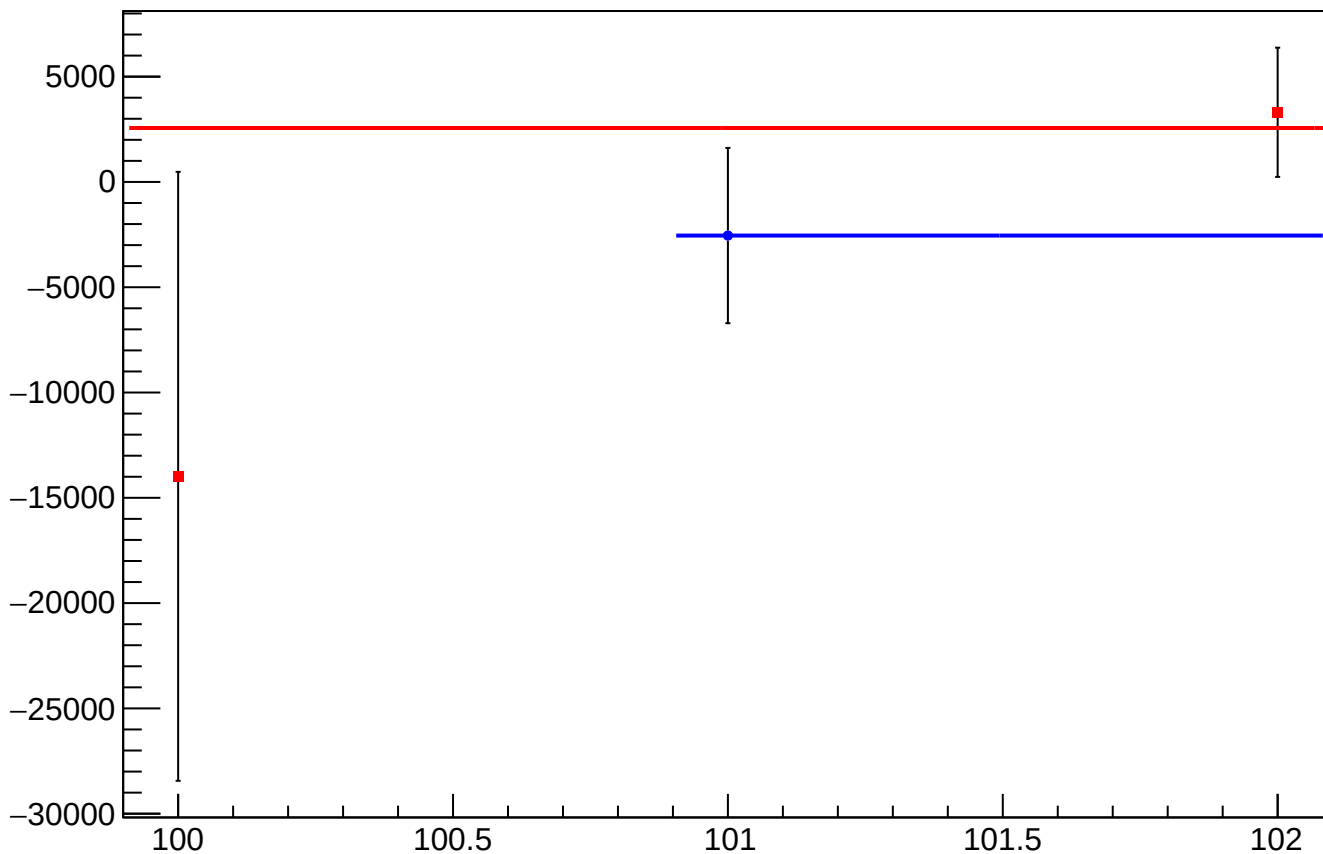
Right: 2063.145 $\pm$ 1.285 χ^2 /NDF: 33704.3/2

In: 1908.936 $\pm$ 1.667 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2063.145 $\pm$ 1.285 χ^2 /NDF: 33704.3/2

cor_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -2546.471+/-4161.913 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2562.700+/-3001.544 χ^2/NDF : 1.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

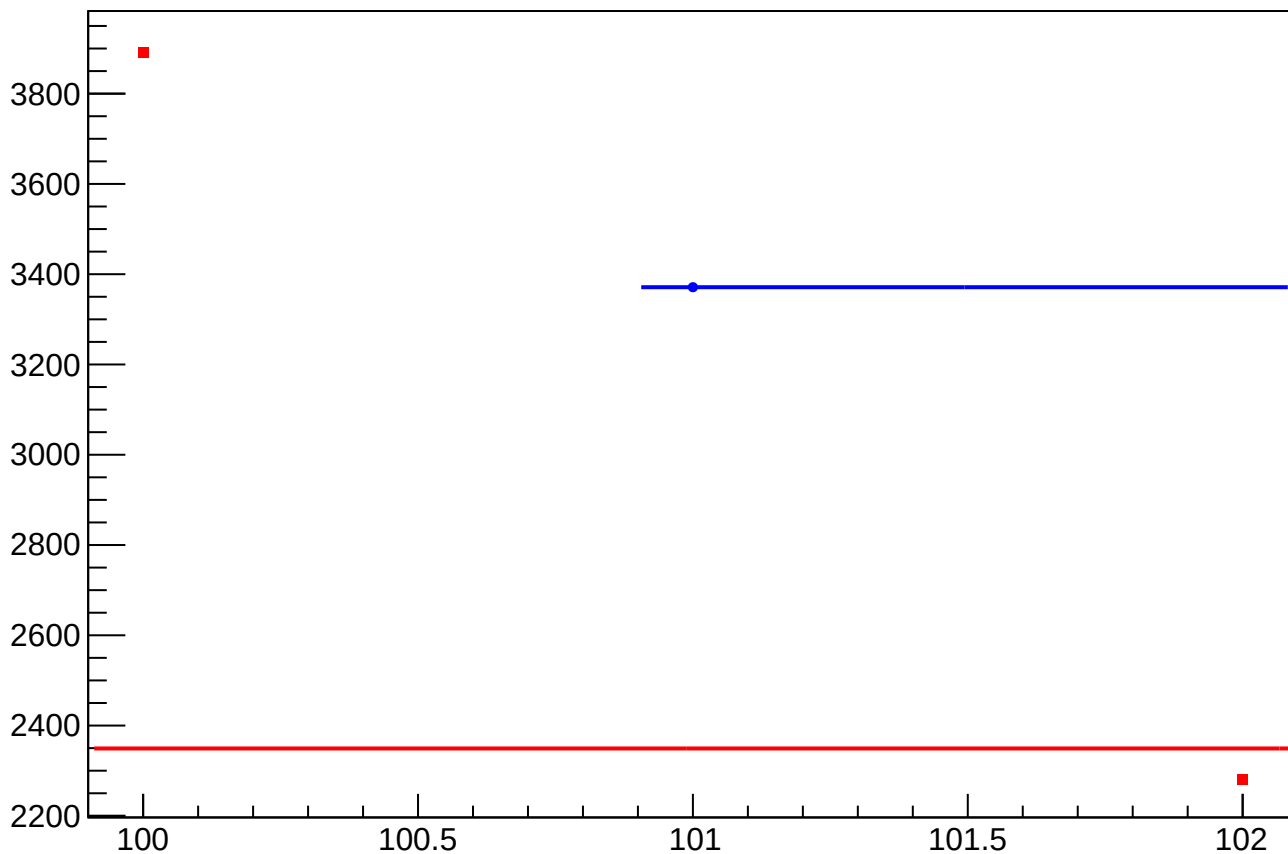
Right: 814.560+/-2434.478 χ^2/NDF : 2.4/2

In: -2546.471+/-4161.913 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 814.560+/-2434.478 χ^2/NDF : 2.4/2

cor_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3371.179+/-2.943 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2349.252+/-2.122 χ^2/NDF : 23784.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

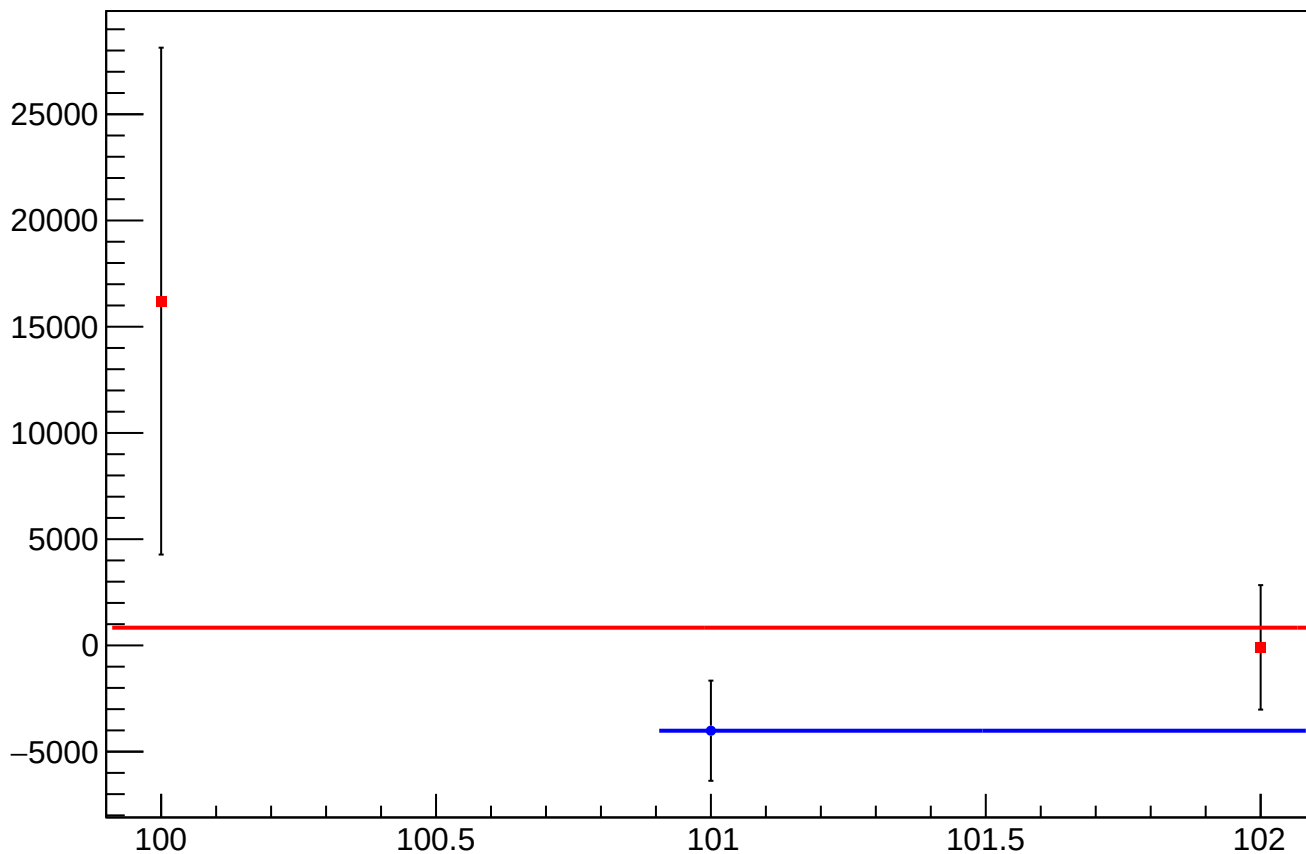
Right: 2698.907+/-1.721 χ^2/NDF : 103109.2/2

In: 3371.179+/-2.943 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2698.907+/-1.721 χ^2/NDF : 103109.2/2

asym_us_dd_atlr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -4015.057 $\pm$ 2357.077 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 834.874 $\pm$ 2844.675 χ^2/NDF : 1.8/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

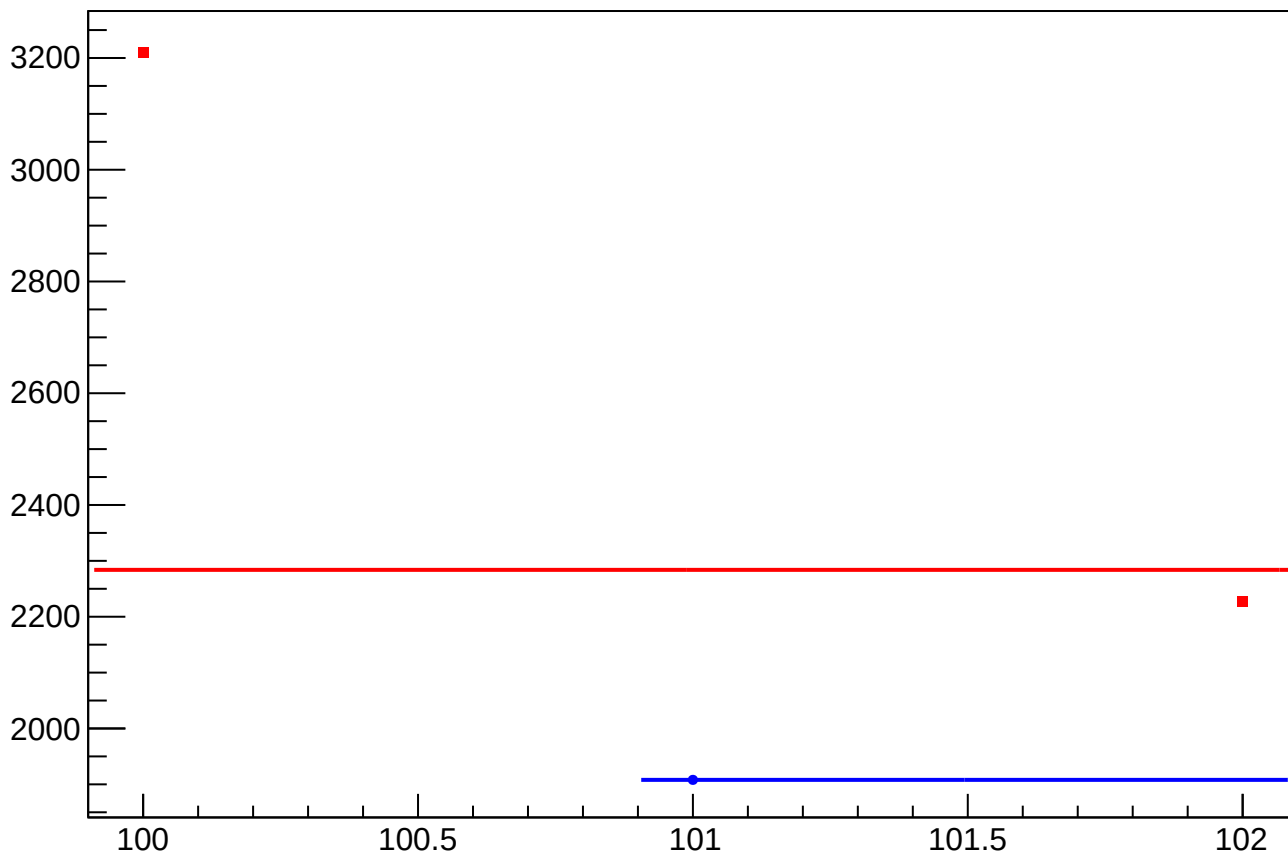
Right: -2040.750 $\pm$ 1814.981 χ^2/NDF : 3.5/2

In: -4015.057 $\pm$ 2357.077 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -2040.750 $\pm$ 1814.981 χ^2/NDF : 3.5/2

asym_us_dd_atlr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1908.018 $\pm$ 1.667 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2283.882 $\pm$ 2.011 χ^2 /NDF: 12783.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

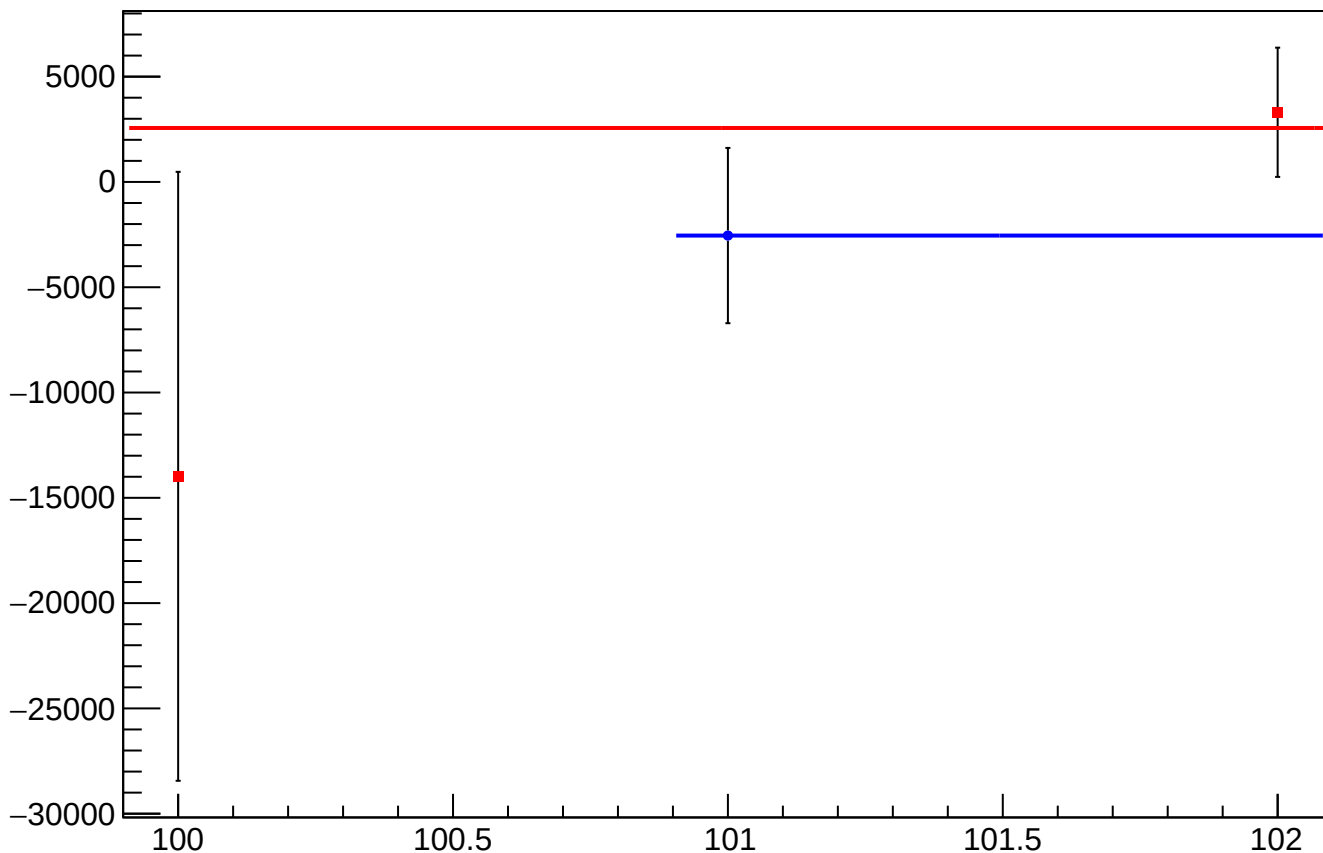
Right: 2061.024 $\pm$ 1.283 χ^2 /NDF: 33485.5/2

In: 1908.018 $\pm$ 1.667 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2061.024 $\pm$ 1.283 χ^2 /NDF: 33485.5/2

eigen_cor_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -2546.471+/-4161.913 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 2562.700+/-3001.544 χ^2 /NDF: 1.4/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

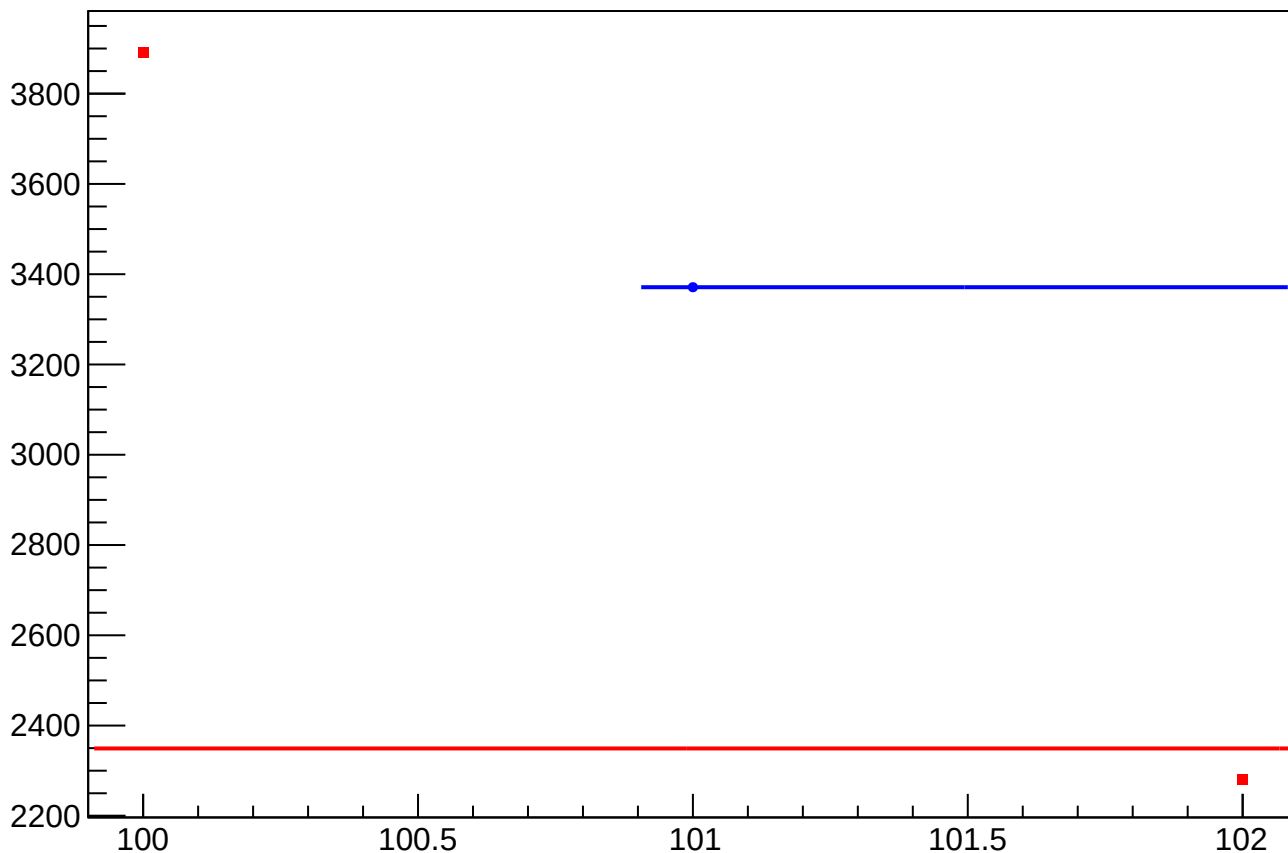
Right: 814.560+/-2434.478 χ^2 /NDF: 2.4/2

In: -2546.471+/-4161.913 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 814.560+/-2434.478 χ^2 /NDF: 2.4/2

eigen_cor_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3371.179 $\pm$ 2.943 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2349.252 $\pm$ 2.122 χ^2 /NDF: 23784.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

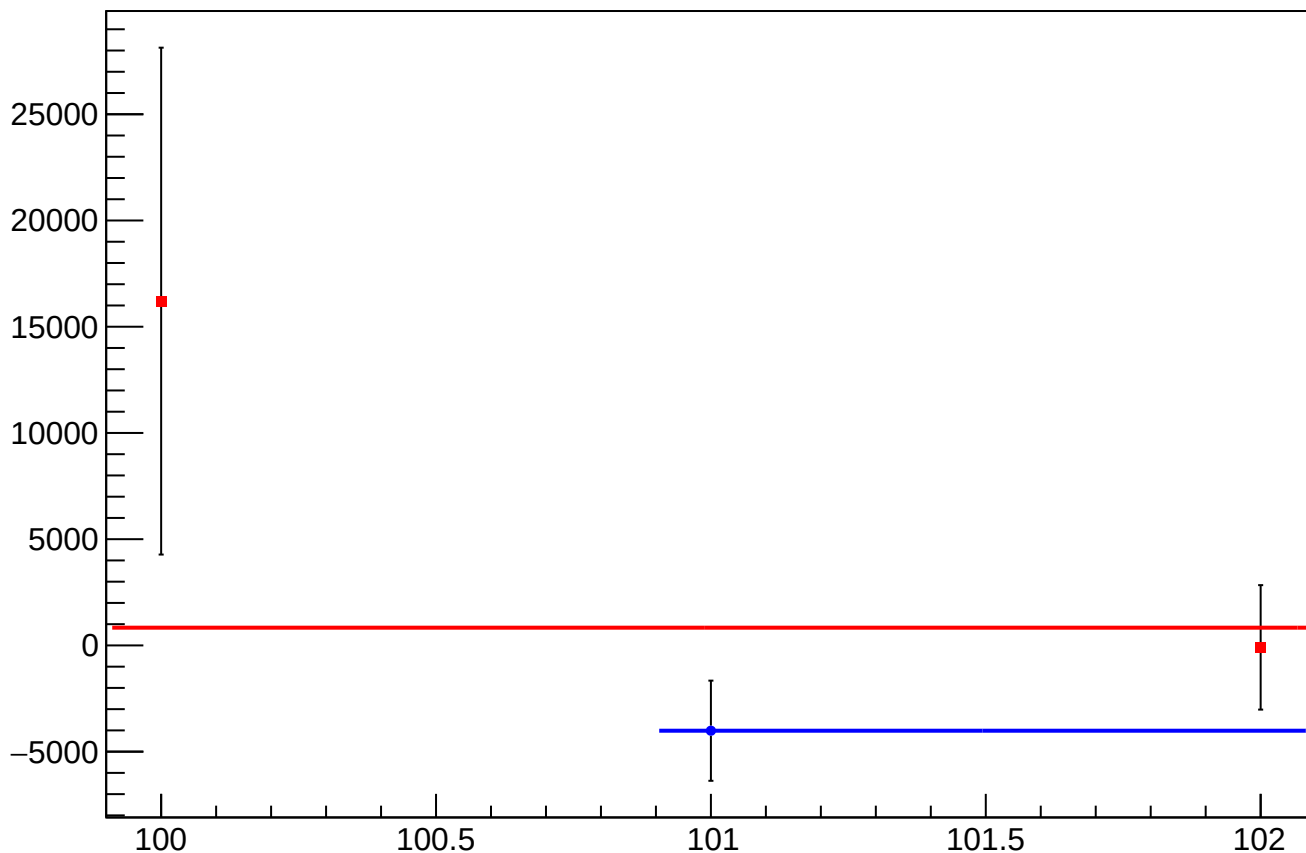
Right: 2698.907 $\pm$ 1.721 χ^2 /NDF: 103109.2/2

In: 3371.179 $\pm$ 2.943 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2698.907 $\pm$ 1.721 χ^2 /NDF: 103109.2/2

asym_us_dd_atlr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -4015.057+/-2357.077 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 834.874+/-2844.675 χ^2/NDF : 1.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

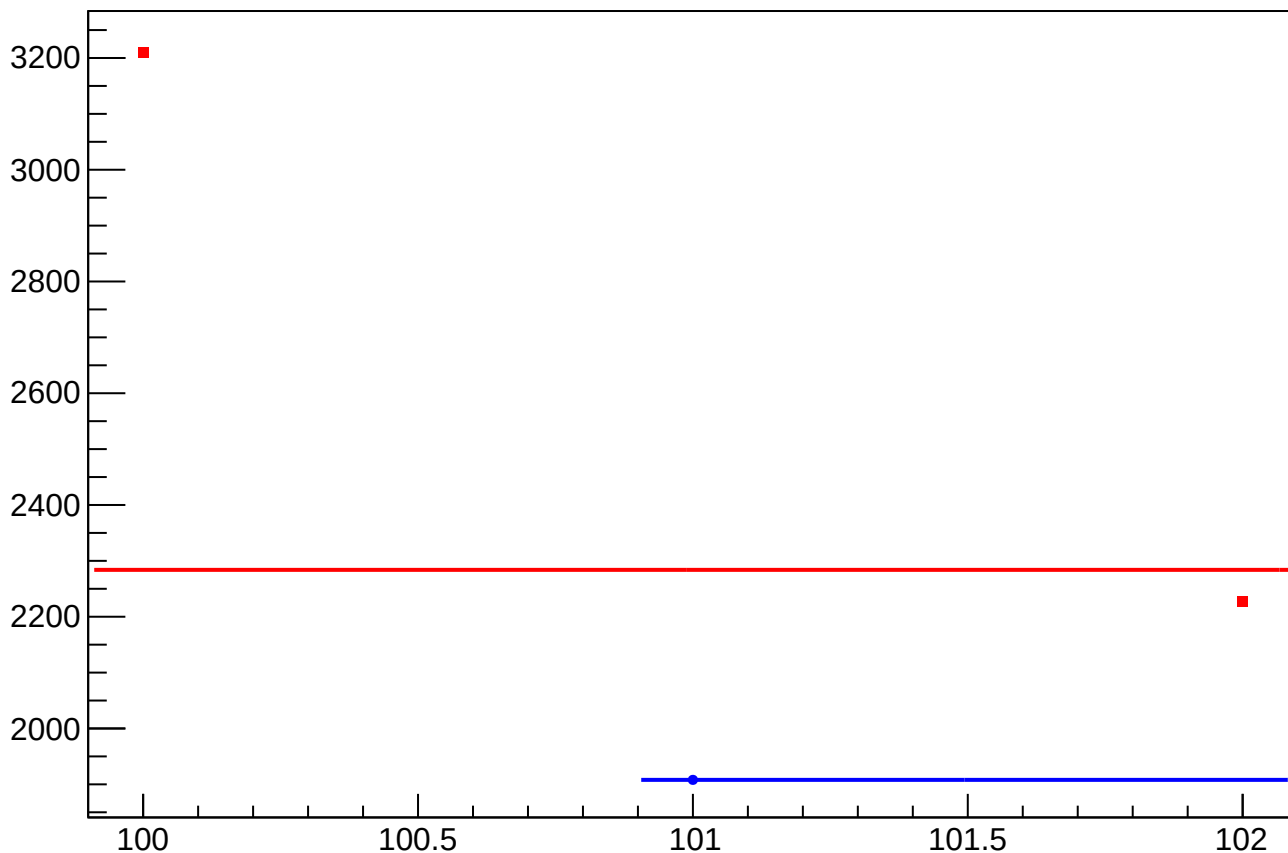
Right: -2040.750+/-1814.981 χ^2/NDF : 3.5/2

In: -4015.057+/-2357.077 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2040.750+/-1814.981 χ^2/NDF : 3.5/2

asym_us_dd_atlr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1908.018+/-1.667 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2283.882+/-2.011 χ^2/NDF : 12783.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

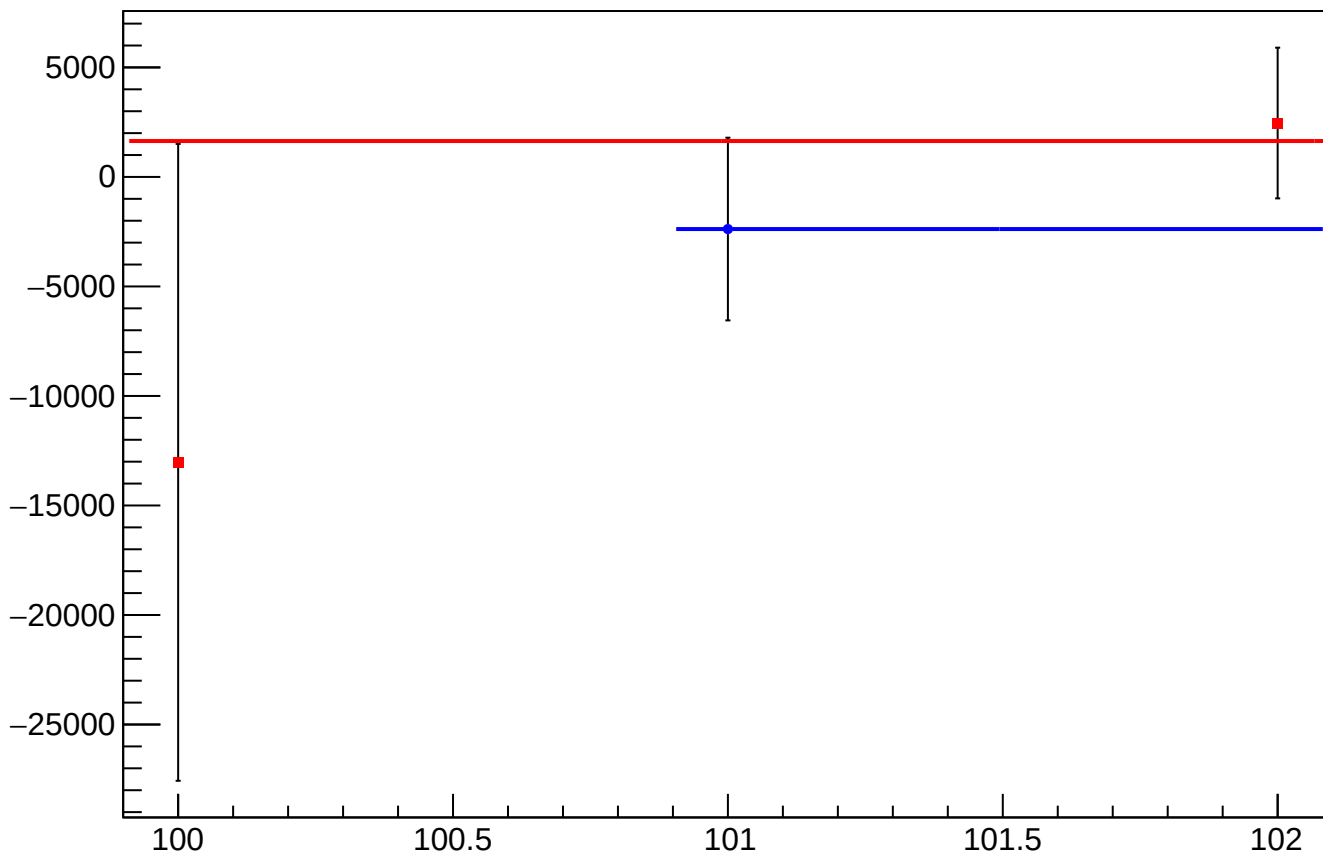
Right: 2061.024+/-1.283 χ^2/NDF : 33485.5/2

In: 1908.018+/-1.667 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2061.024+/-1.283 χ^2/NDF : 33485.5/2

dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -2379.682 $\pm$ 4170.478 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1639.554 $\pm$ 3347.995 χ^2 /NDF: 1.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

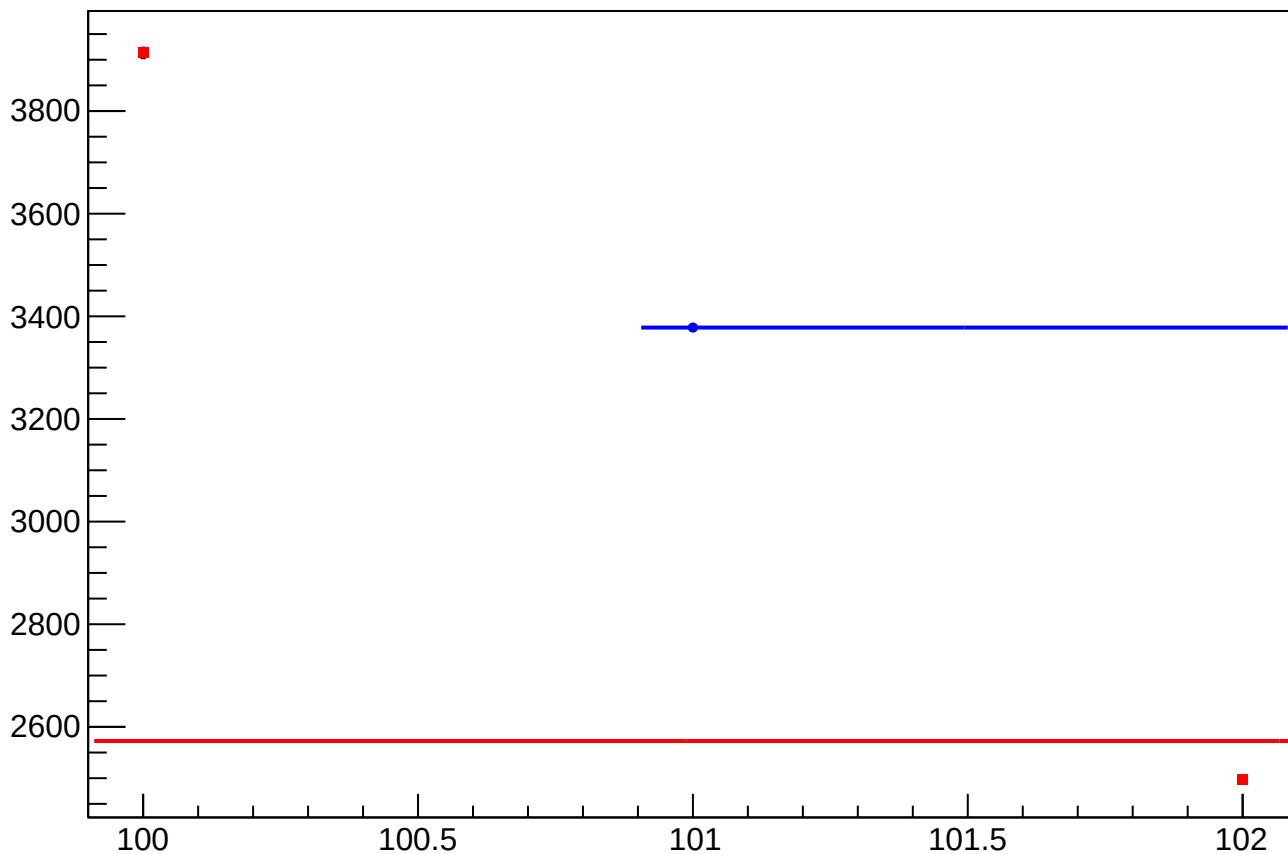
Right: 64.421 $\pm$ 2610.795 χ^2 /NDF: 1.6/2

In: -2379.682 $\pm$ 4170.478 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 64.421 $\pm$ 2610.795 χ^2 /NDF: 1.6/2

dit_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3378.107 $\pm$ 2.949 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2572.440 $\pm$ 2.367 χ^2 /NDF: 17962.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

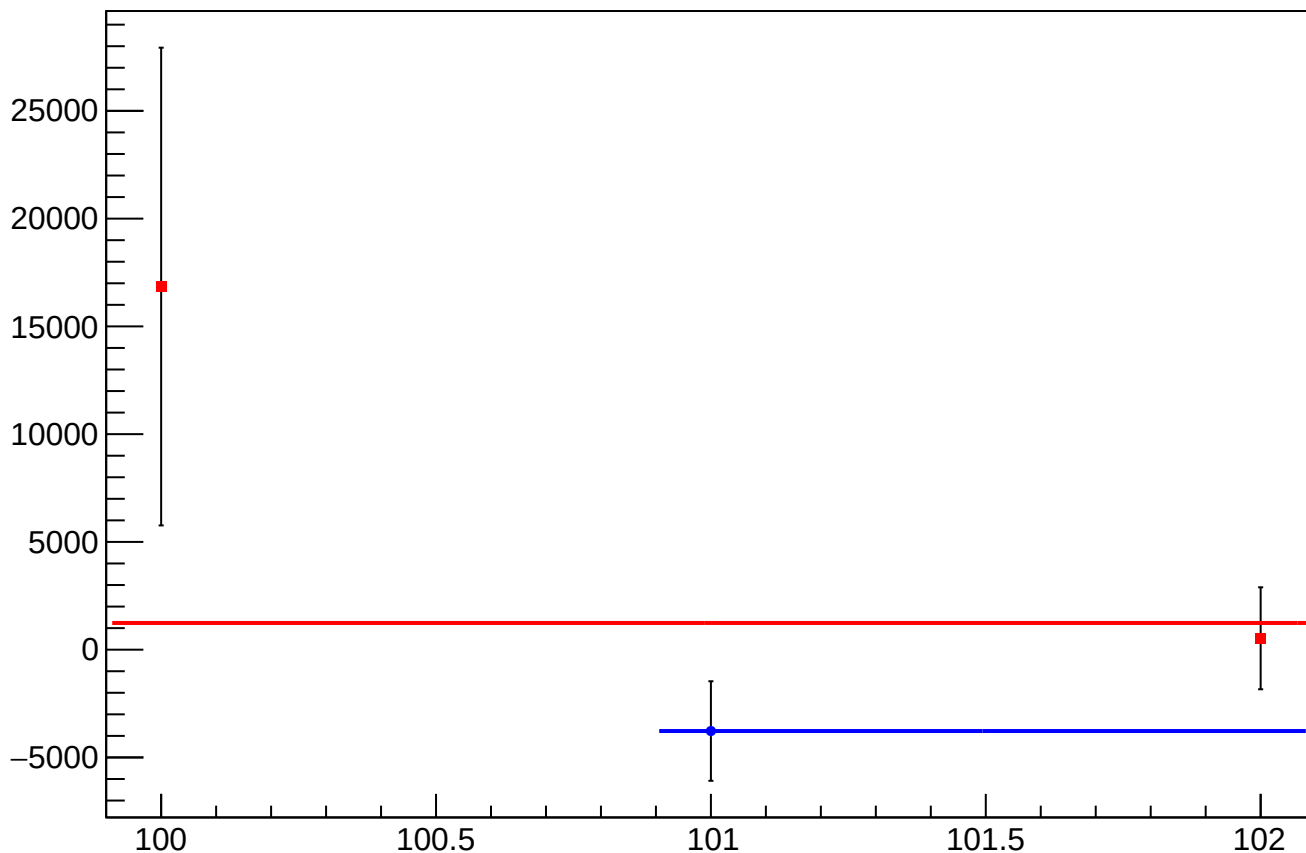
Right: 2888.175 $\pm$ 1.846 χ^2 /NDF: 63351.1/2

In: 3378.107 $\pm$ 2.949 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2888.175 $\pm$ 1.846 χ^2 /NDF: 63351.1/2

asym_us_dd_atlr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -3774.212+/-2309.415 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1239.670+/-2313.340 χ^2/NDF : 2.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

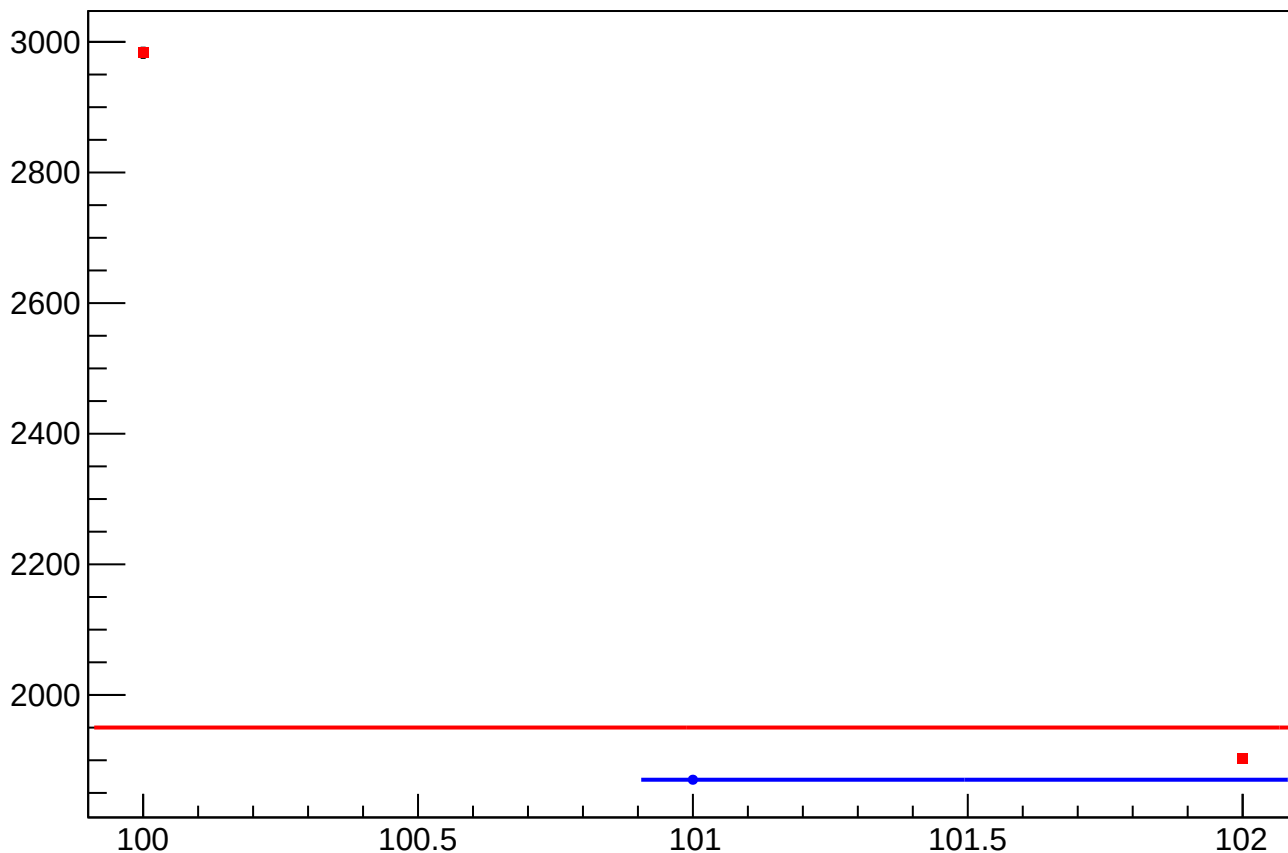
Right: -1271.528+/-1634.389 χ^2/NDF : 4.4/2

In: -3774.212+/-2309.415 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1271.528+/-1634.389 χ^2/NDF : 4.4/2

asym_us_dd_atlr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1870.196+/-1.633 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1950.127+/-1.636 χ^2/NDF : 18170.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

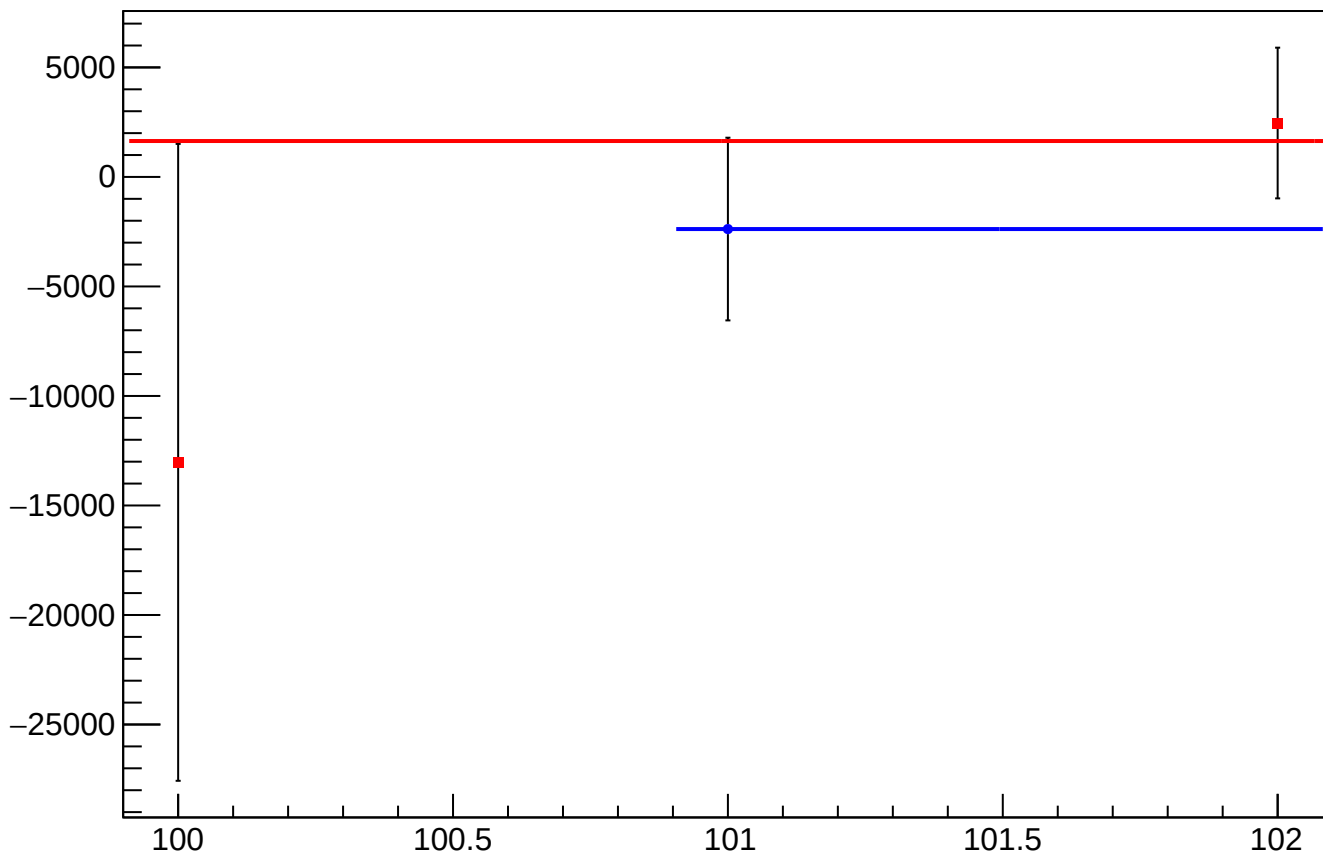
Right: 1910.094+/-1.156 χ^2/NDF : 19365.9/2

In: 1870.196+/-1.633 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1910.094+/-1.156 χ^2/NDF : 19365.9/2

eigen_dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -2379.664 $\pm$ 4170.478 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1639.555 $\pm$ 3347.995 χ^2 /NDF: 1.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

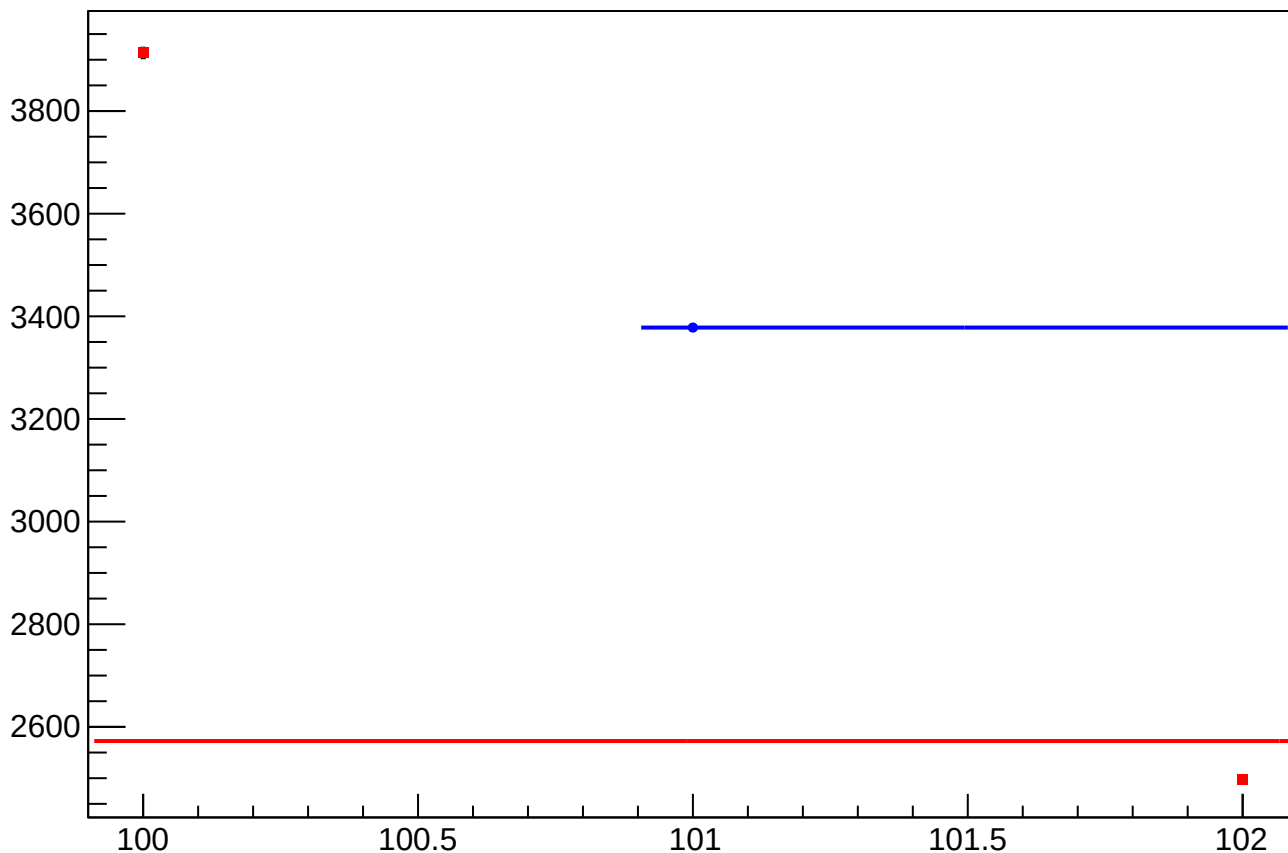
Right: 64.428 $\pm$ 2610.795 χ^2 /NDF: 1.6/2

In: -2379.664 $\pm$ 4170.478 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 64.428 $\pm$ 2610.795 χ^2 /NDF: 1.6/2

eigen_dit_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3378.107+/-2.949 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2572.441+/-2.367 χ^2/NDF : 17962.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

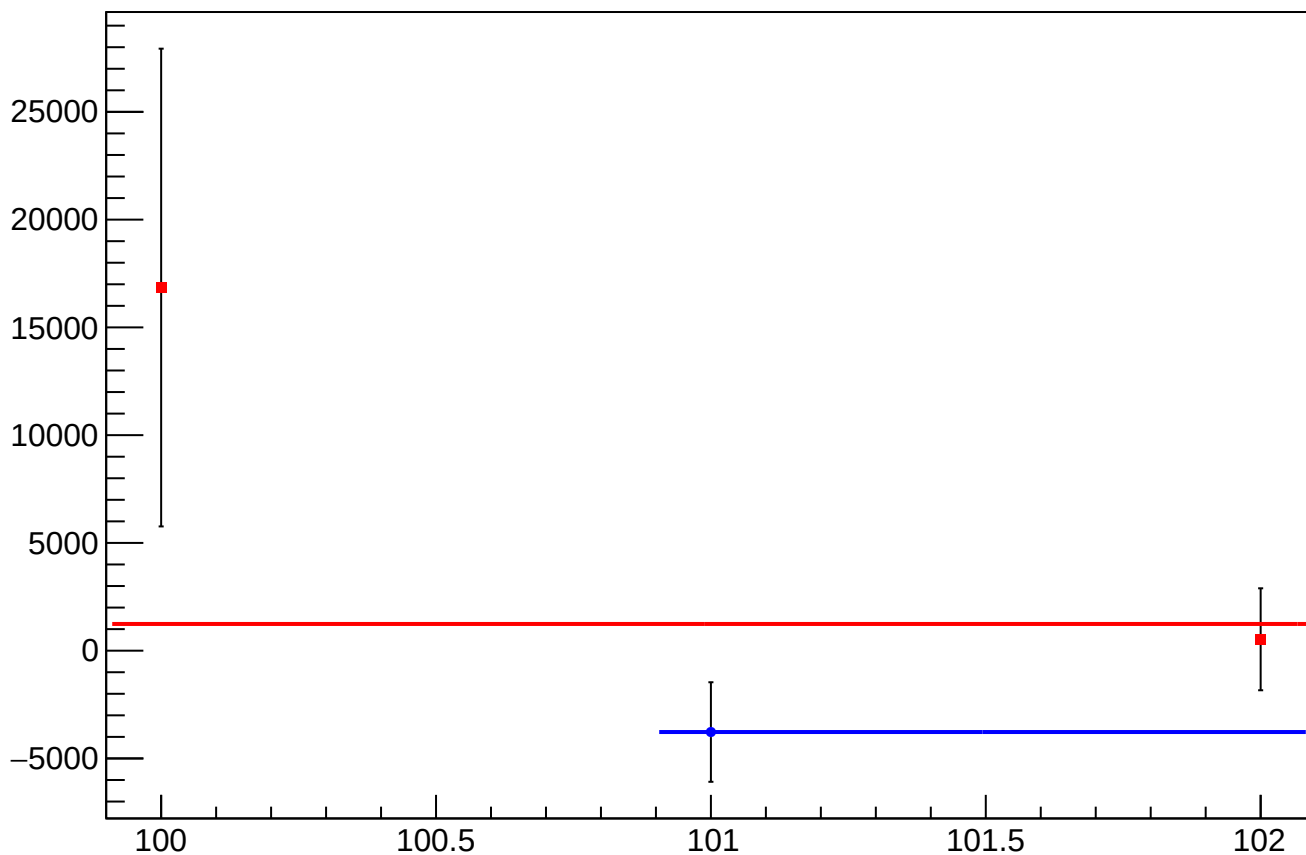
Right: 2888.175+/-1.846 χ^2/NDF : 63351.1/2

In: 3378.107+/-2.949 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2888.175+/-1.846 χ^2/NDF : 63351.1/2

asym_us_dd_atlr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -3774.198+/-2309.408 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1239.674+/-2313.342 χ^2/NDF : 2.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

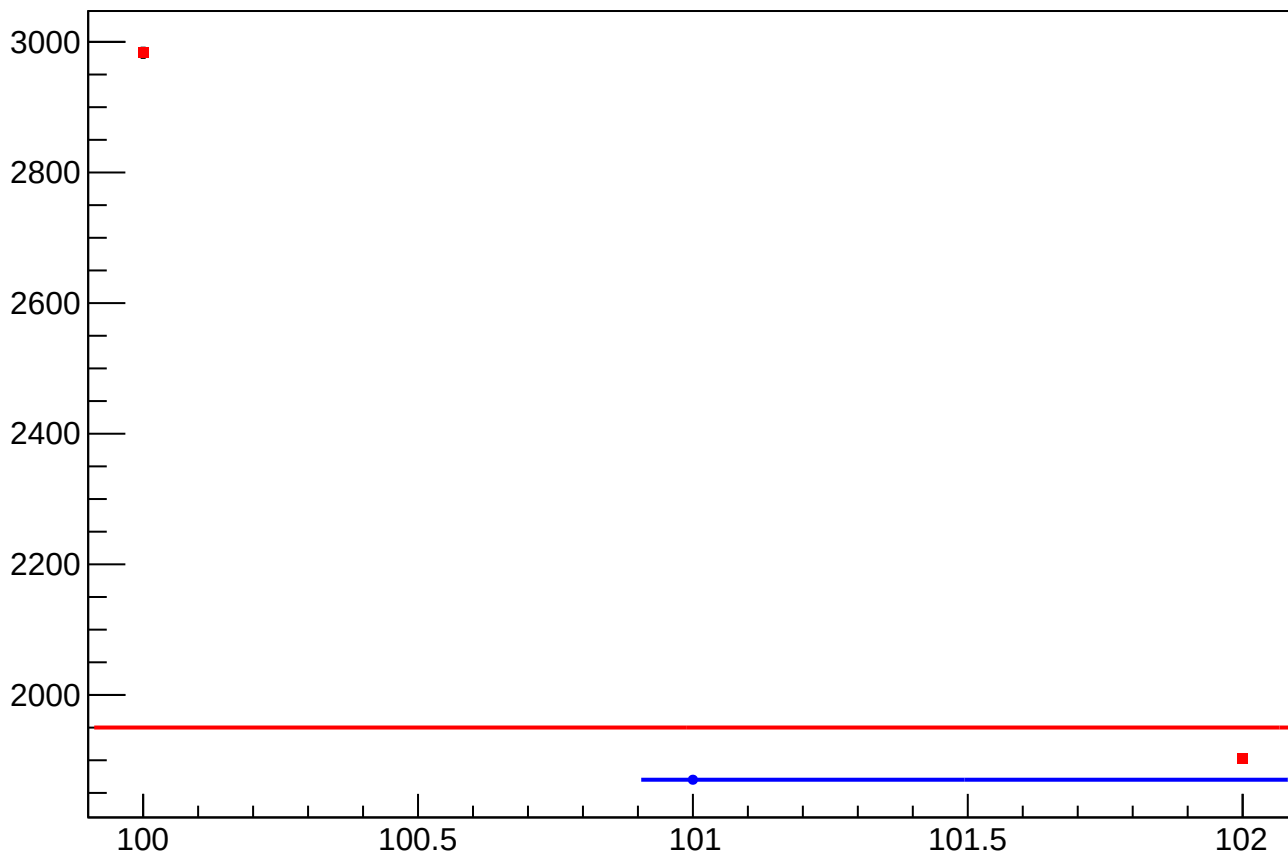
Right: -1271.529+/-1634.387 χ^2/NDF : 4.4/2

In: -3774.198+/-2309.408 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1271.529+/-1634.387 χ^2/NDF : 4.4/2

asym_us_dd_atlr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1870.191+/-1.633 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1950.129+/-1.636 χ^2/NDF : 18169.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

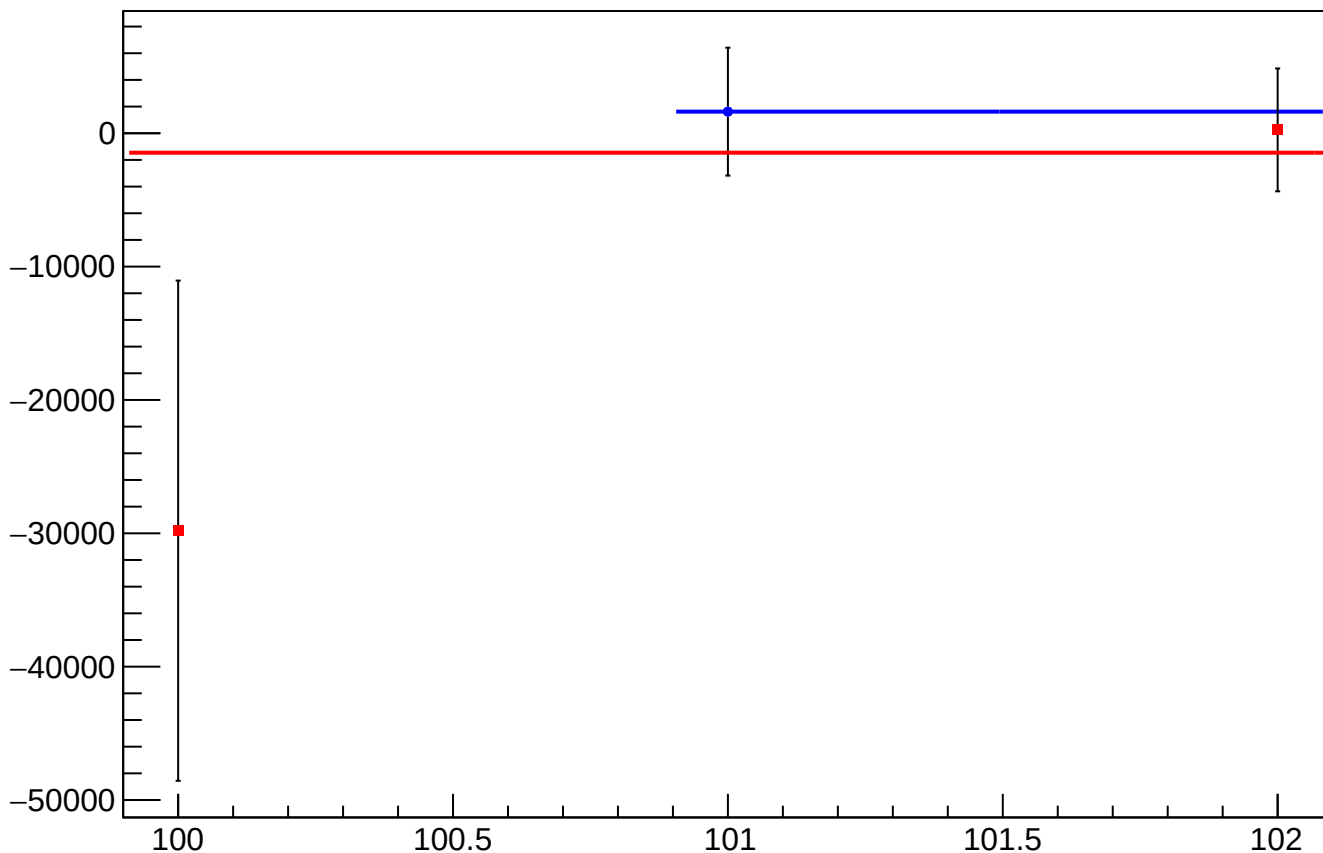
Right: 1910.092+/-1.156 χ^2/NDF : 19365.8/2

In: 1870.191+/-1.633 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1910.092+/-1.156 χ^2/NDF : 19365.8/2

asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: 1620.318+/-4796.703 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1459.315+/-4473.956 χ^2/NDF : 2.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

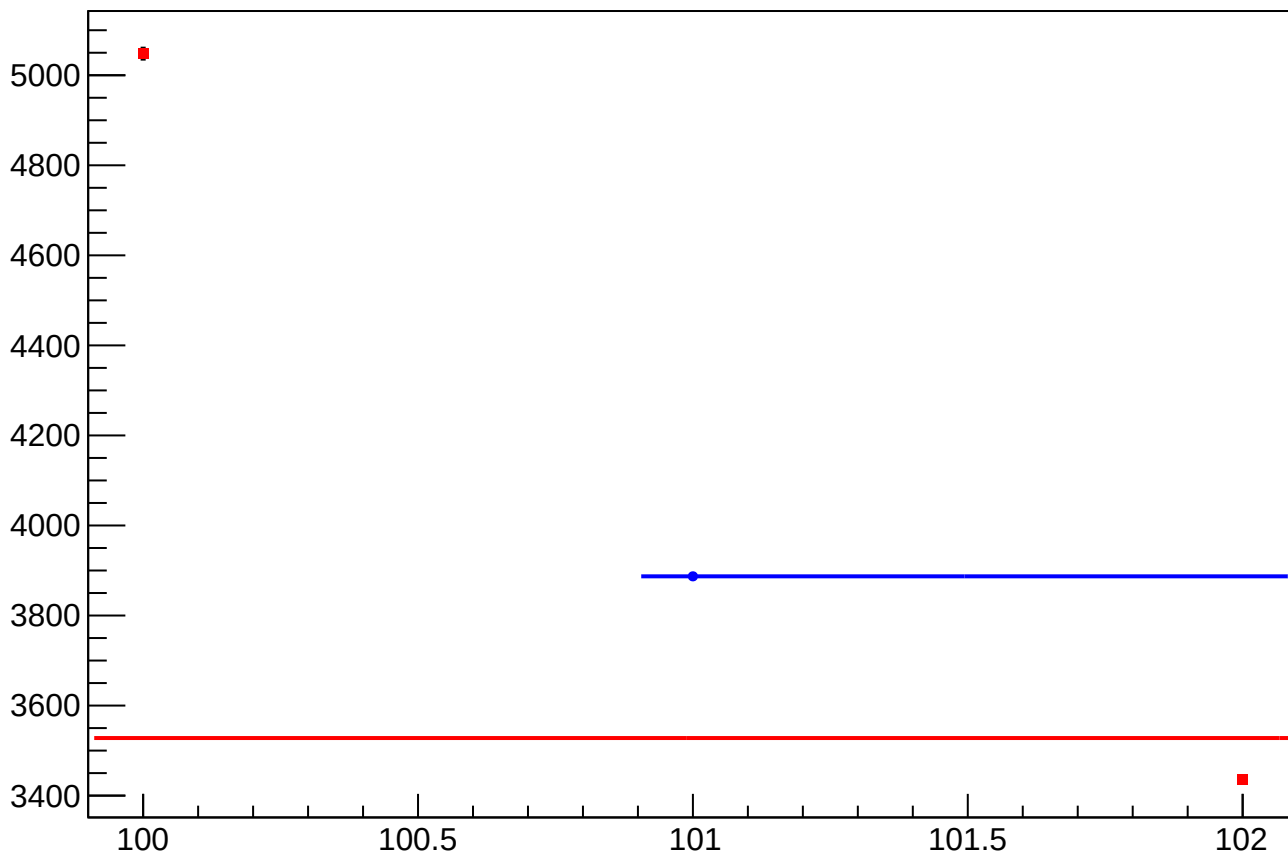
Right: -26.583+/-3271.718 χ^2/NDF : 2.6/2

In: 1620.318+/-4796.703 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.583+/-3271.718 χ^2/NDF : 2.6/2

asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3887.056+/-3.392 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3527.898+/-3.163 χ^2/NDF : 13932.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

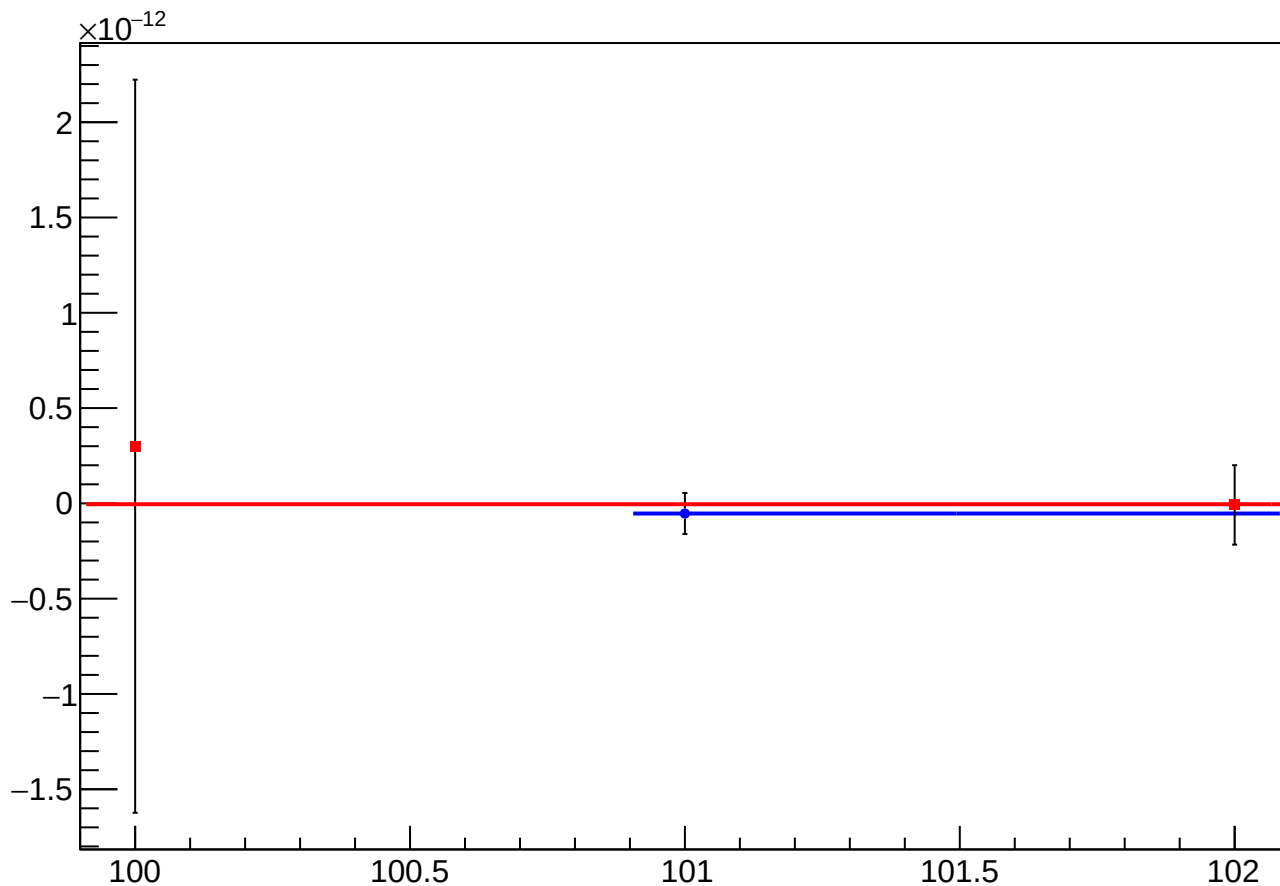
Right: 3694.984+/-2.313 χ^2/NDF : 19928.8/2

In: 3887.056+/-3.392 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3694.984+/-2.313 χ^2/NDF : 19928.8/2

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

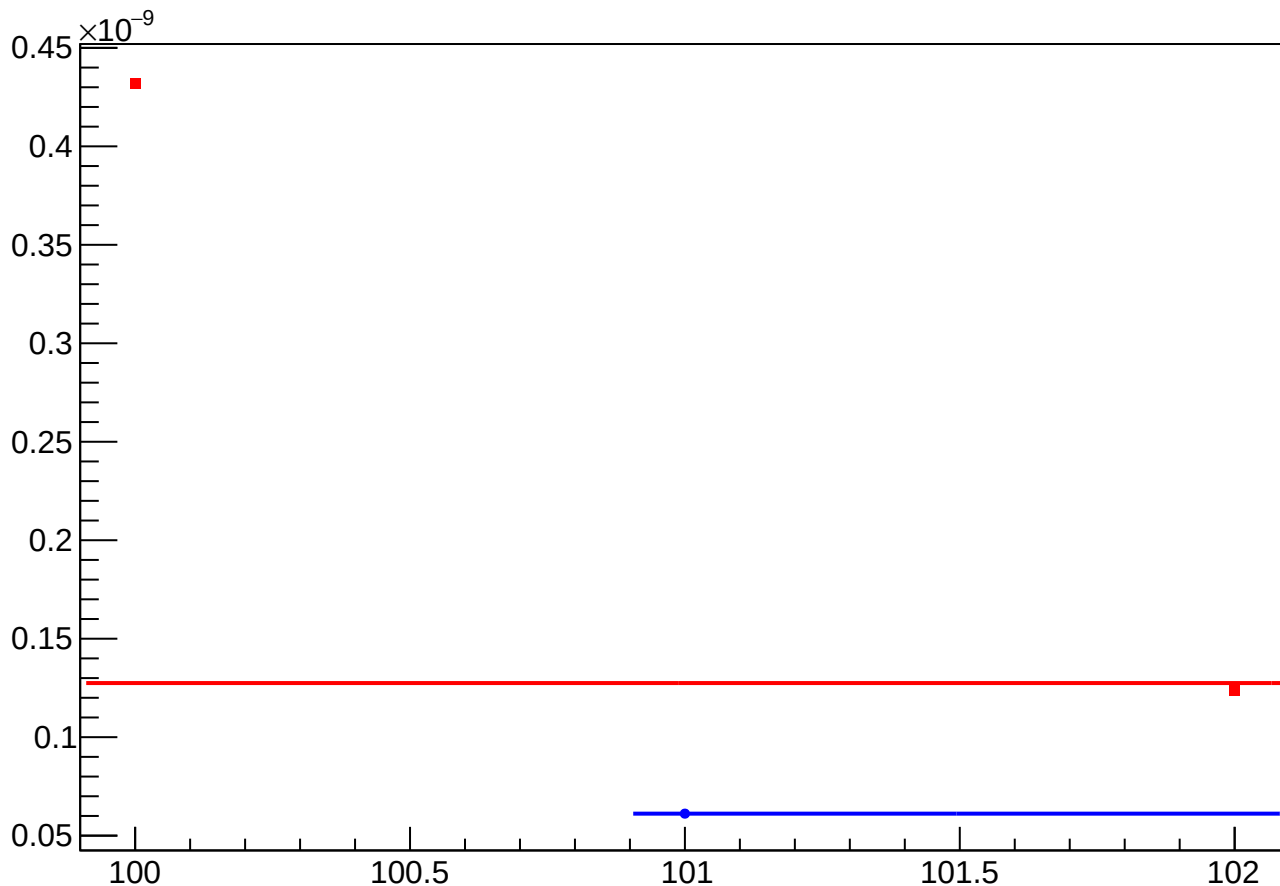
Right: -0.000+/-0.000 χ^2/NDF : 0.1/2

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 : 0.1/2

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_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 : 50718.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

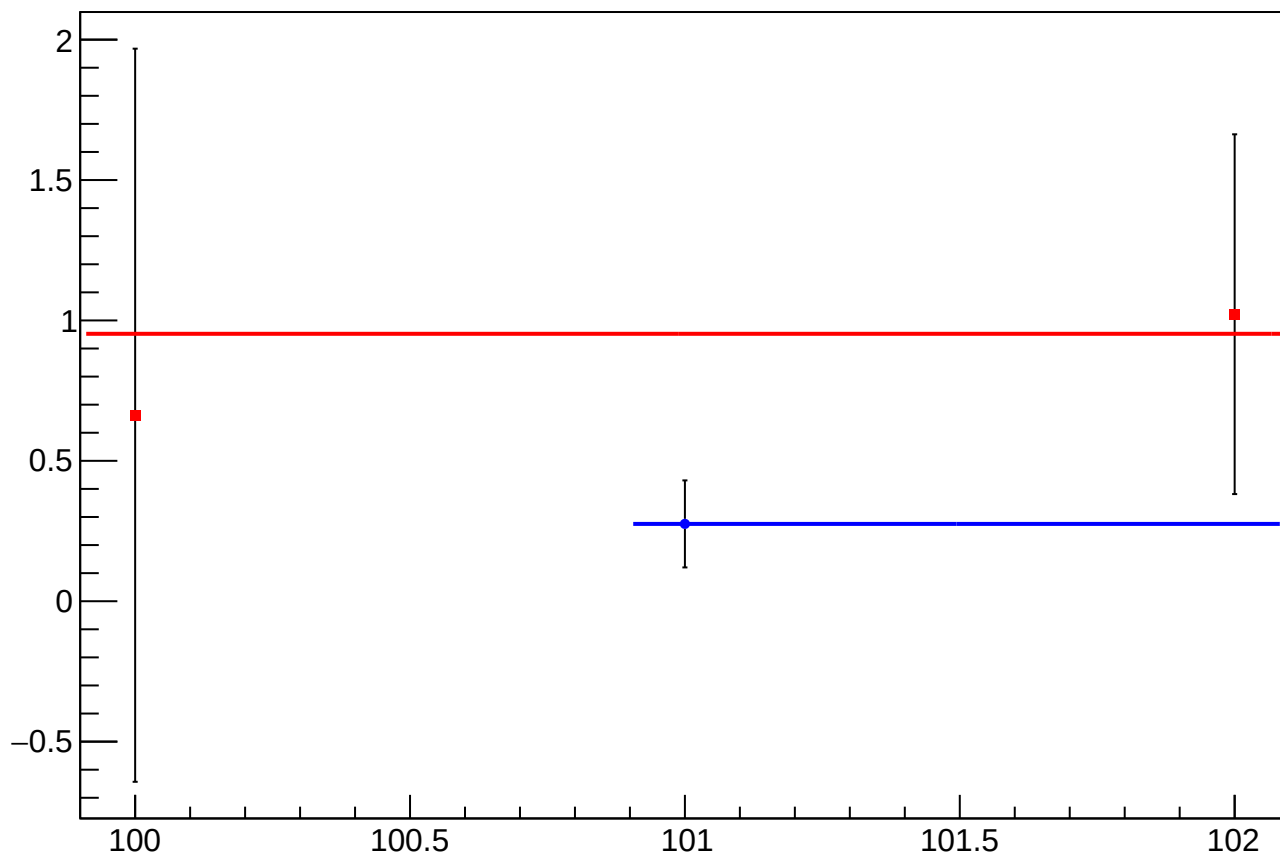
Right: 0.000+/-0.000 χ^2/NDF : 212085.3/2

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 : 212085.3/2

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.275 $\pm$ 0.155 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.952 $\pm$ 0.575 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

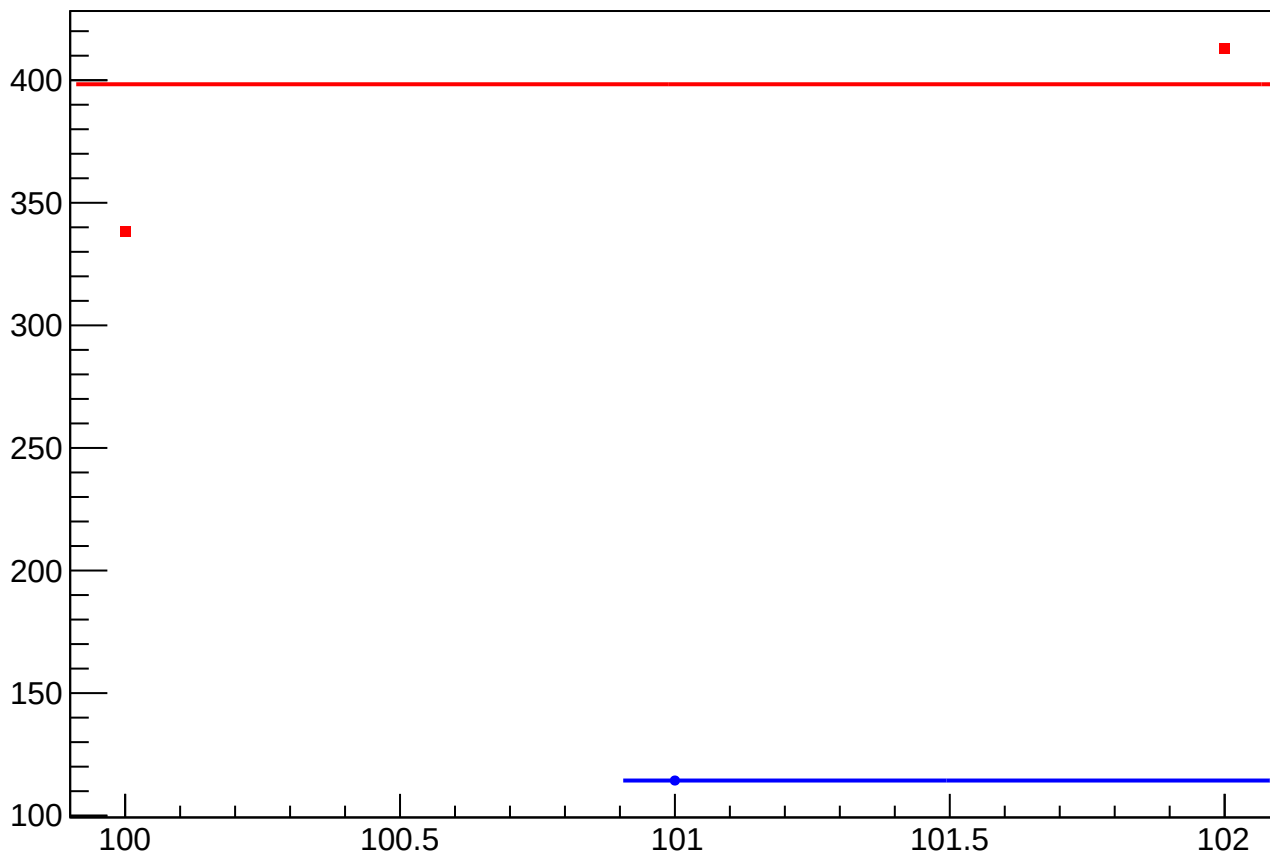
Right: 0.321 $\pm$ 0.150 χ^2 /NDF: 1.4/2

In: 0.275 $\pm$ 0.155 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.321 $\pm$ 0.150 χ^2 /NDF: 1.4/2

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 114.343+/-0.110 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 398.350+/-0.407 χ^2/NDF : 5257.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

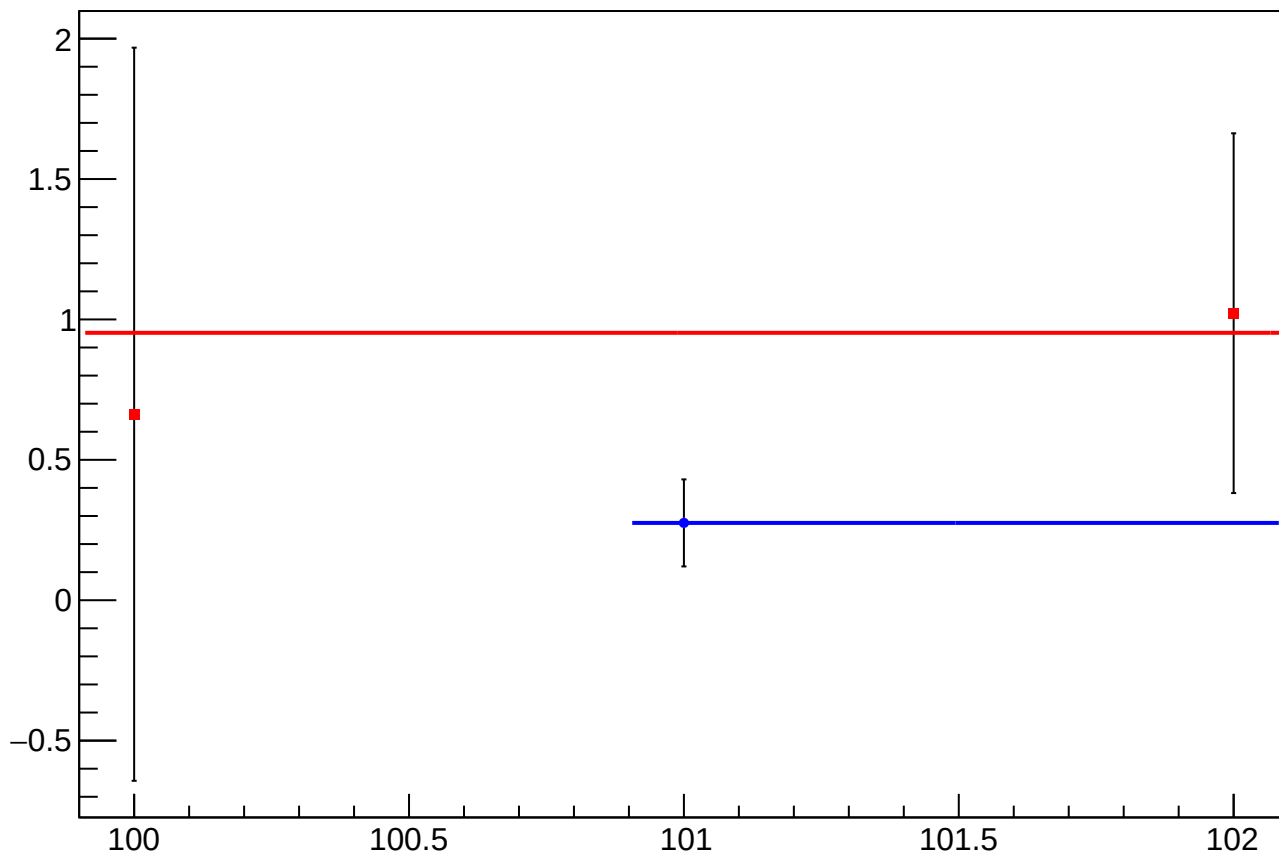
Right: 133.571+/-0.106 χ^2/NDF : 459957.1/2

In: 114.343+/-0.110 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.571+/-0.106 χ^2/NDF : 459957.1/2

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.275+/-0.155 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.952+/-0.575 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

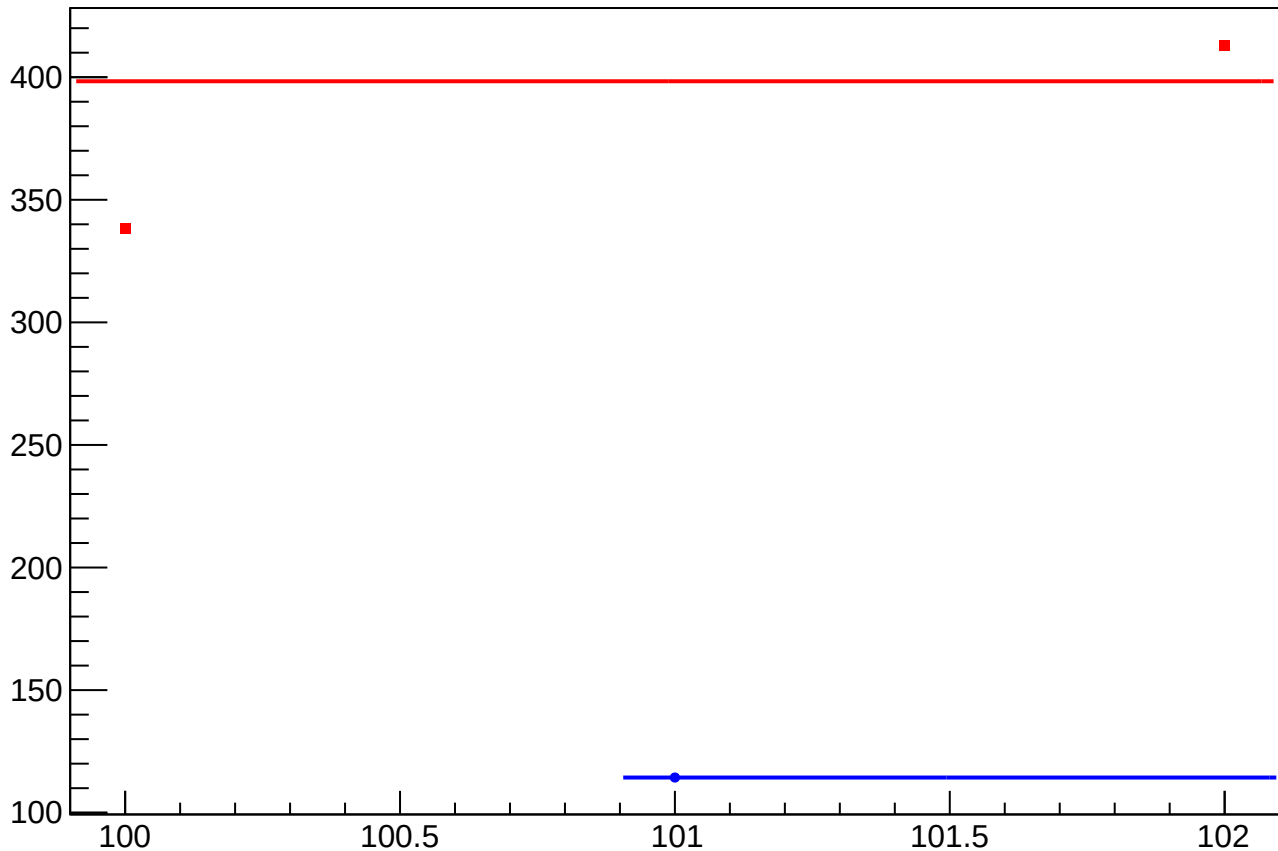
Right: 0.321+/-0.150 χ^2/NDF : 1.4/2

In: 0.275+/-0.155 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.321+/-0.150 χ^2/NDF : 1.4/2

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 114.343+/-0.110 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 398.350+/-0.407 χ^2/NDF : 5257.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

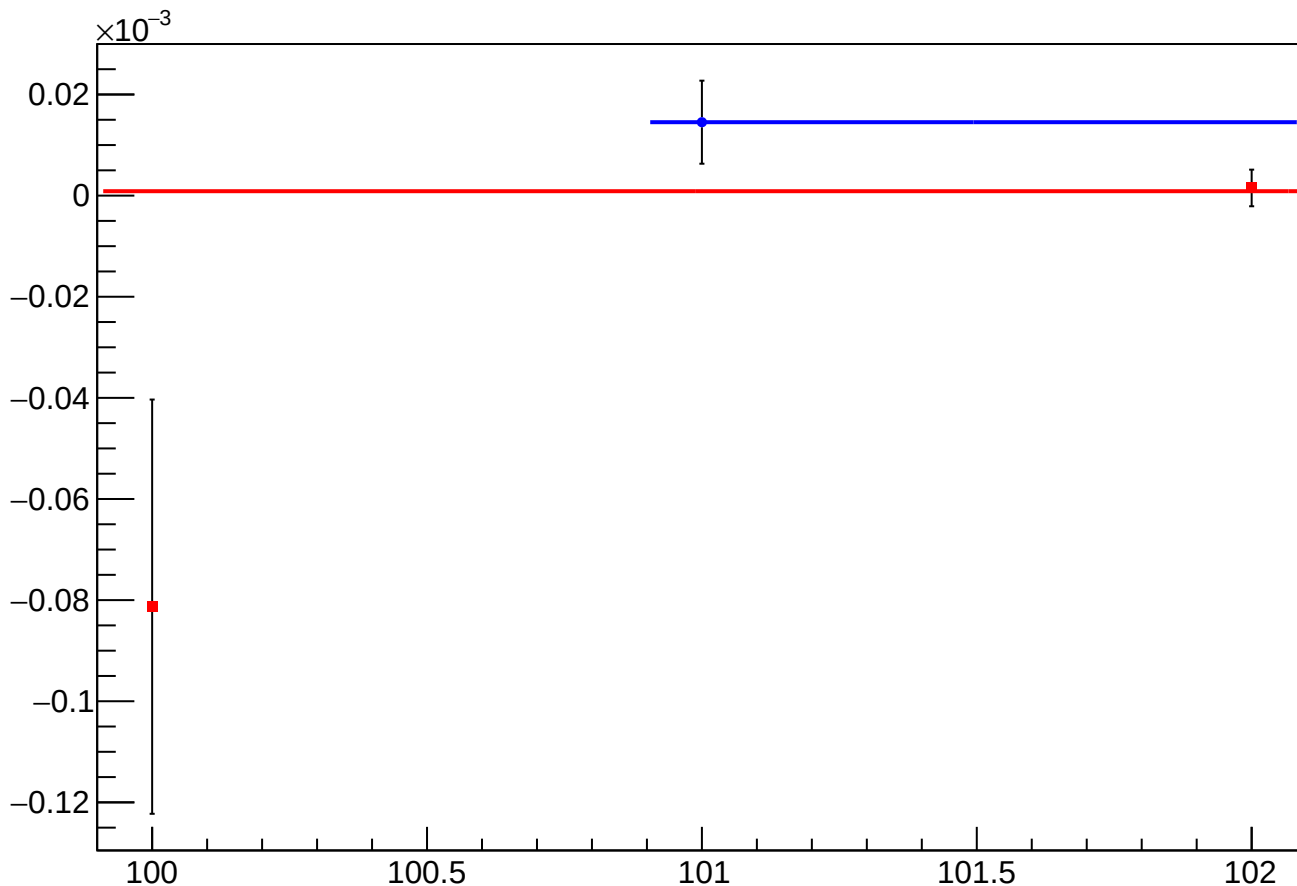
Right: 133.571+/-0.106 χ^2/NDF : 459957.1/2

In: 114.343+/-0.110 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.571+/-0.106 χ^2/NDF : 459957.1/2

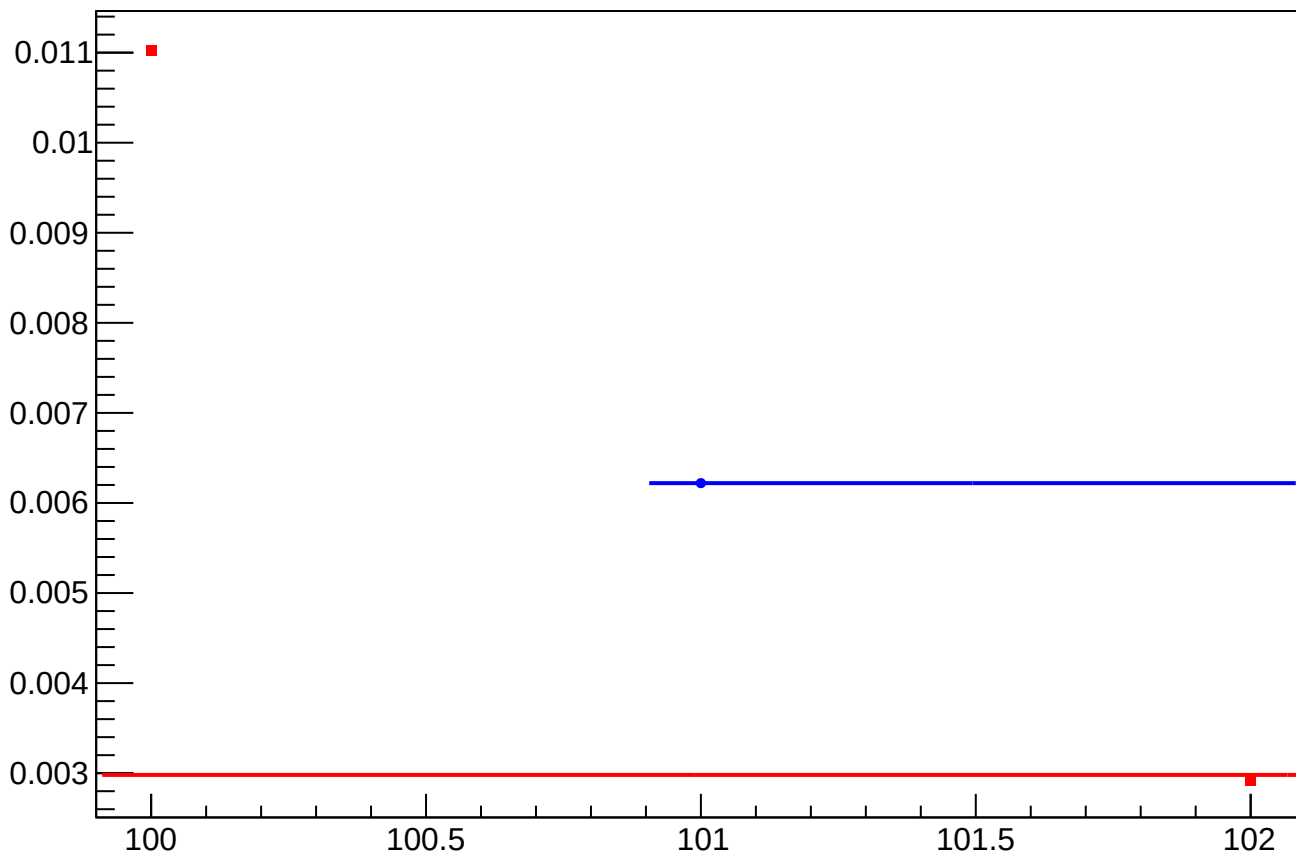
asym_us_dd_atlr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 4.1/1
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 6.4/2
 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 : 6.4/2

asym_us_dd_atlr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 77748.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

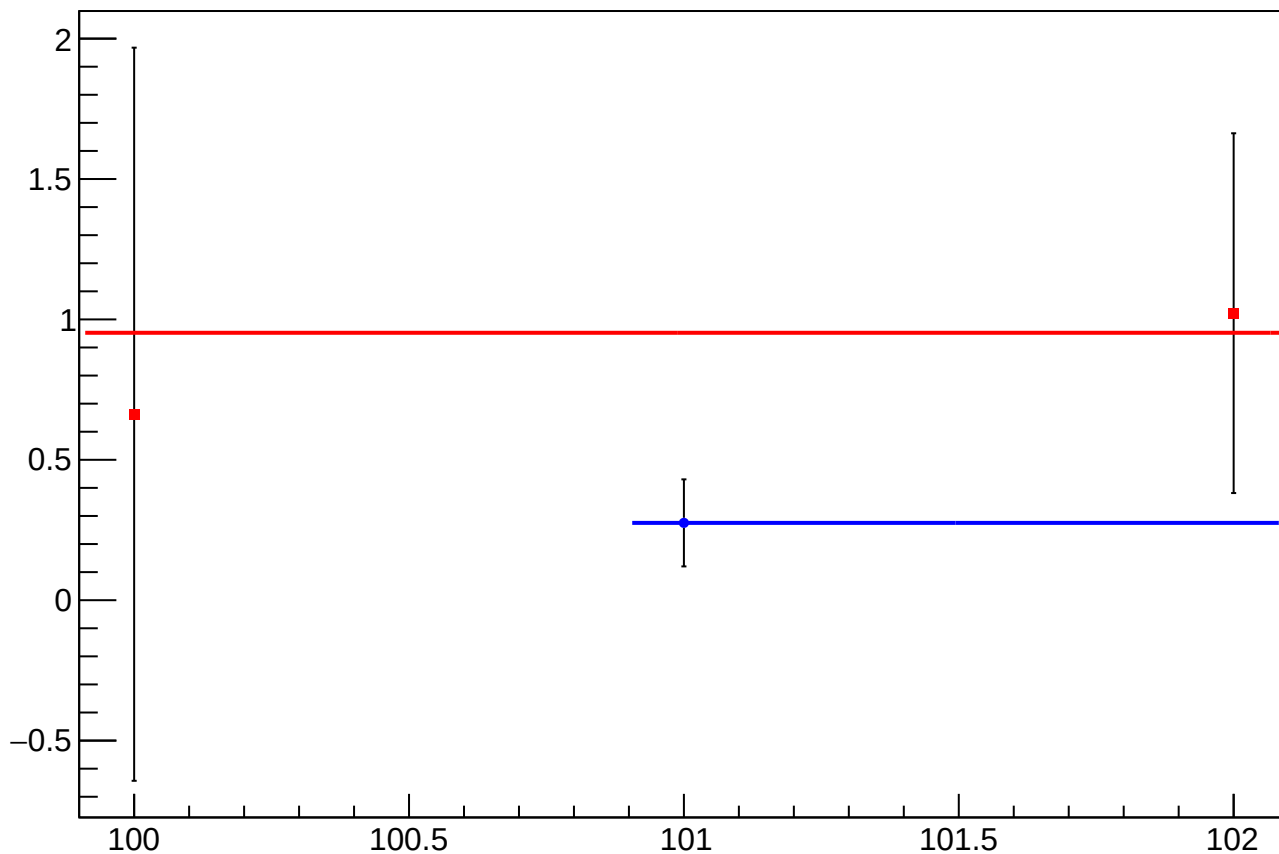
Right: 0.004+/-0.000 χ^2/NDF : 338614.0/2

In: 0.006+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 338614.0/2

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.275+/-0.155 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.952+/-0.575 χ^2 /NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

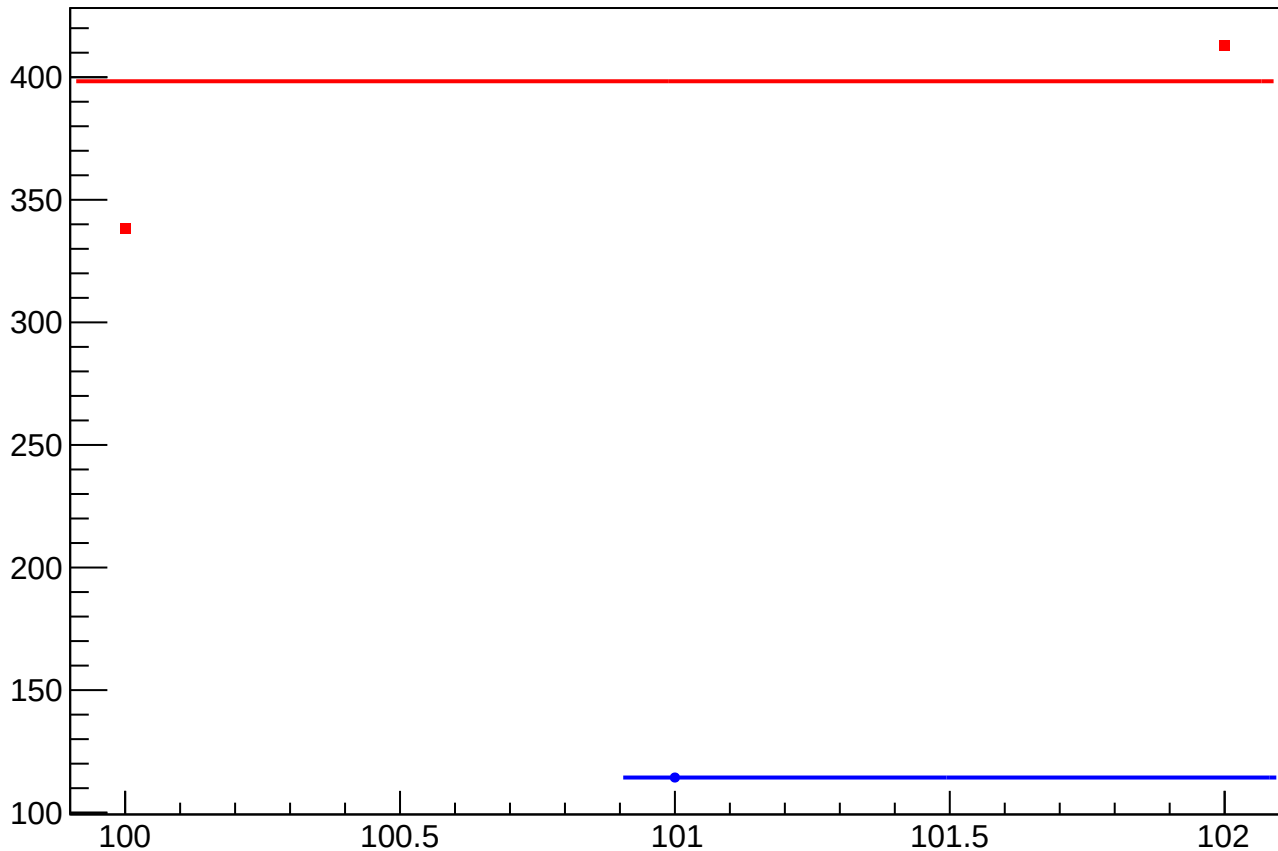
Right: 0.321+/-0.150 χ^2 /NDF: 1.4/2

In: 0.275+/-0.155 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.321+/-0.150 χ^2 /NDF: 1.4/2

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 114.344 $\pm$ 0.110 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 398.352 $\pm$ 0.407 χ^2 /NDF: 5257.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

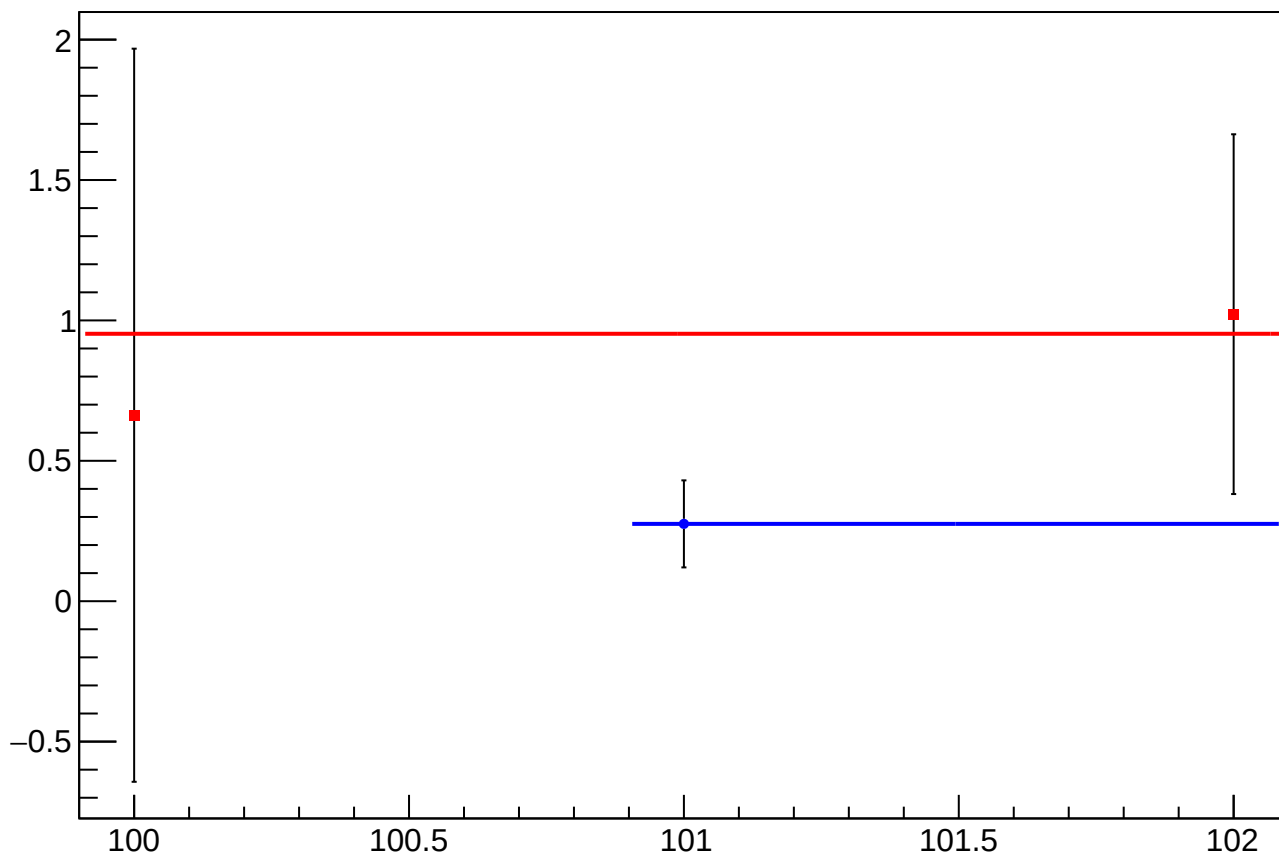
Right: 133.573 $\pm$ 0.106 χ^2 /NDF: 459957.3/2

In: 114.344 $\pm$ 0.110 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 133.573 $\pm$ 0.106 χ^2 /NDF: 459957.3/2

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.275 $\pm$ 0.155 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.952 $\pm$ 0.575 χ^2/NDF : 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

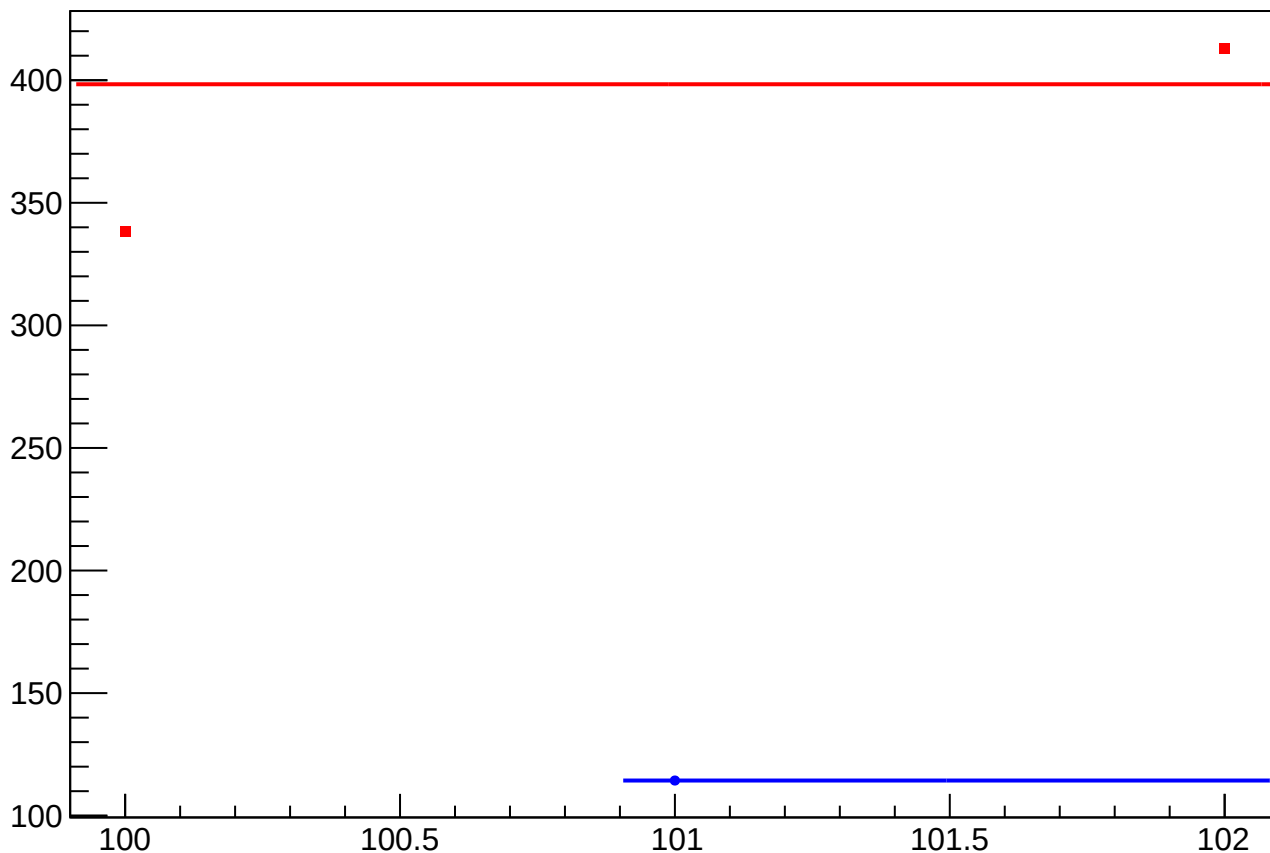
Right: 0.321 $\pm$ 0.150 χ^2/NDF : 1.4/2

In: 0.275 $\pm$ 0.155 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.321 $\pm$ 0.150 χ^2/NDF : 1.4/2

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 114.344 $\pm$ 0.110 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 398.352 $\pm$ 0.407 χ^2 /NDF: 5257.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

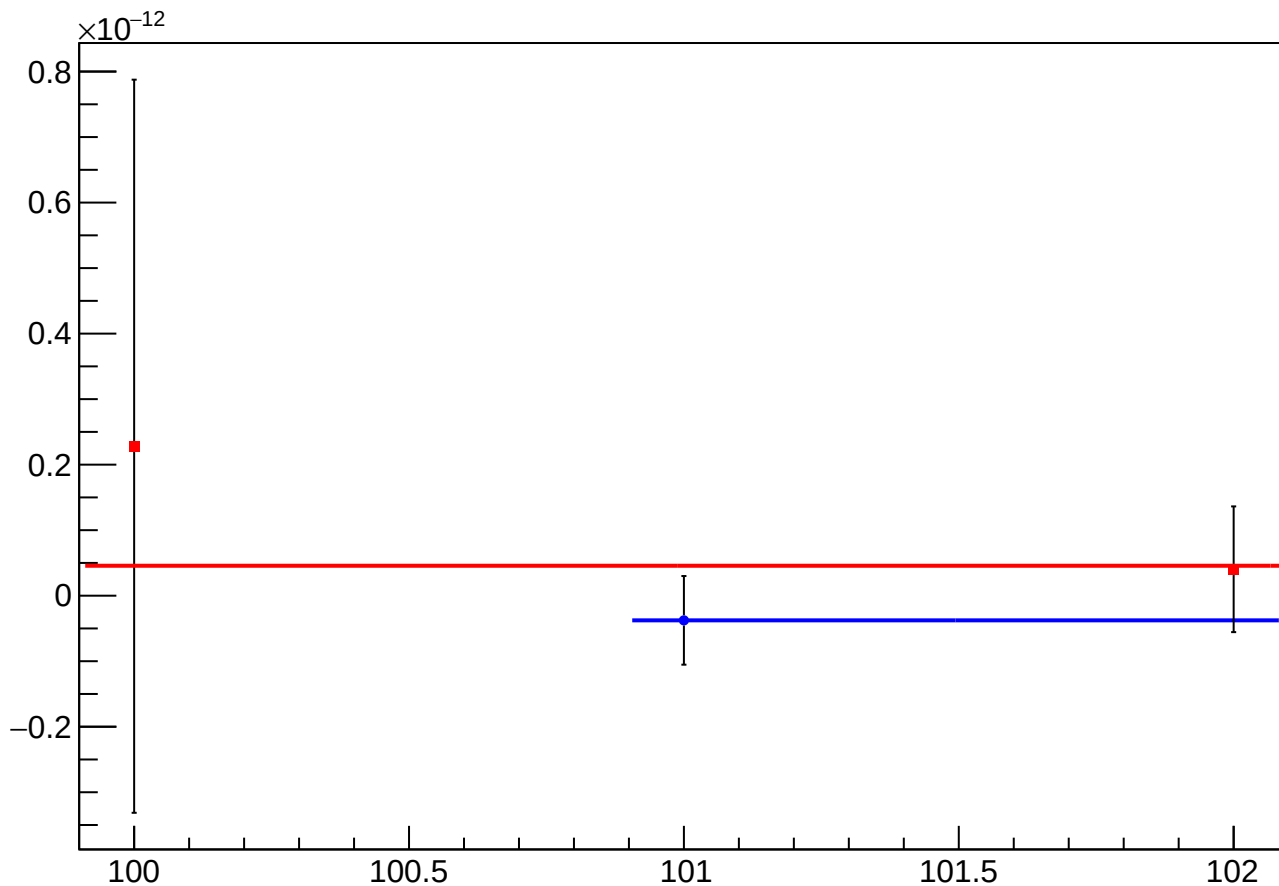
Right: 133.573 $\pm$ 0.106 χ^2 /NDF: 459957.3/2

In: 114.344 $\pm$ 0.110 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 133.573 $\pm$ 0.106 χ^2 /NDF: 459957.3/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

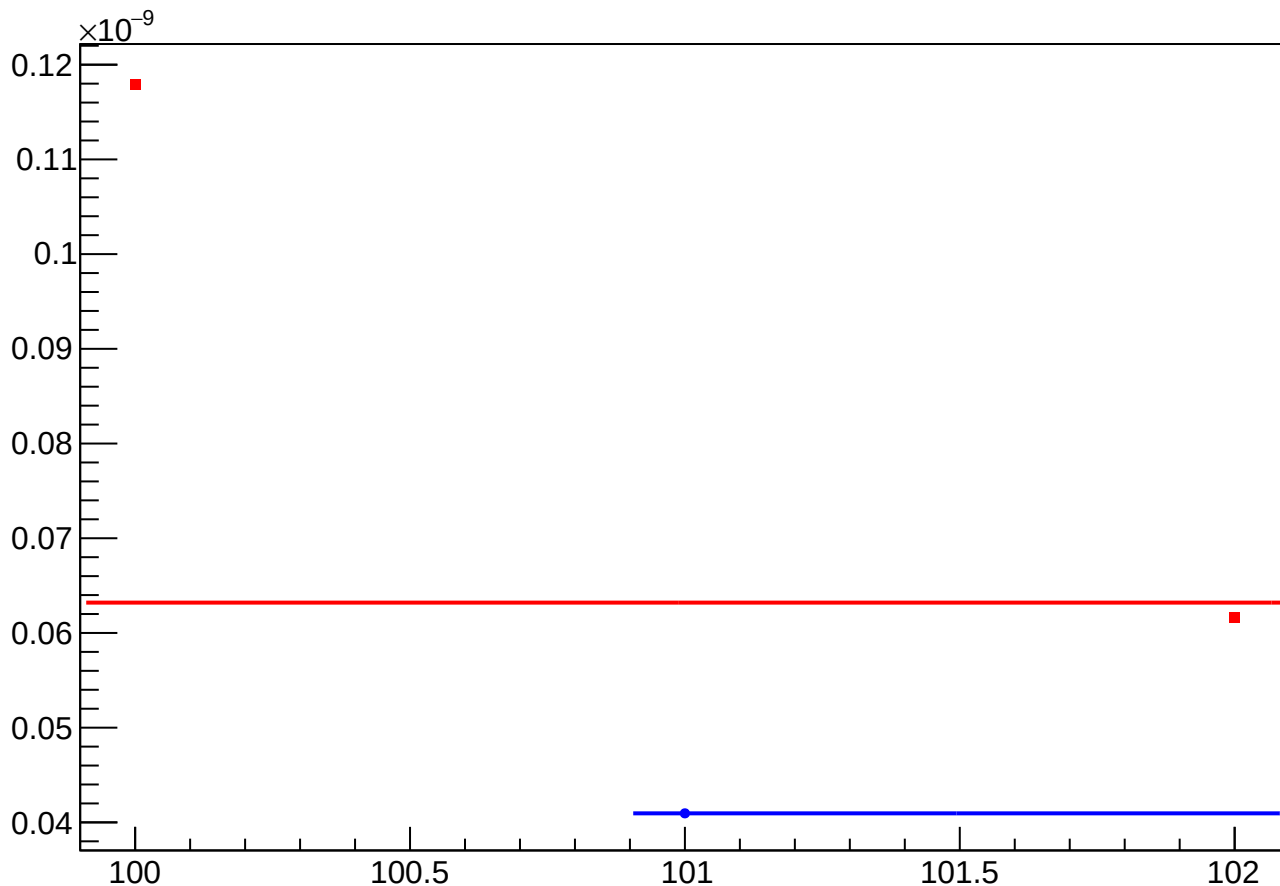
Right: -0.000+/-0.000 χ^2/NDF : 0.6/2

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 : 0.6/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 19689.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

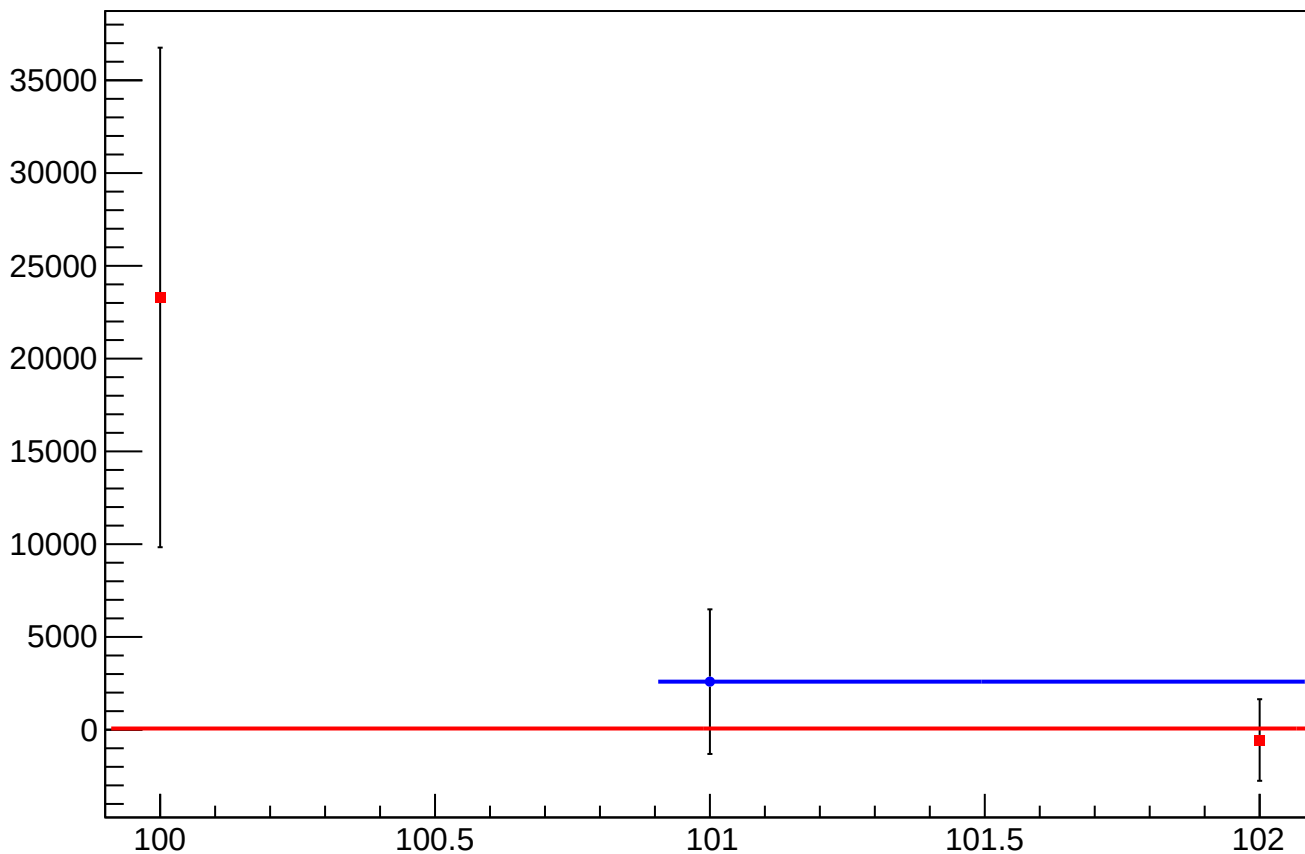
Right: 0.000+/-0.000 χ^2/NDF : 92923.2/2

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 : 92923.2/2

reg_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 2590.700+/-3897.044 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.192+/-2169.665 χ^2/NDF : 3.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

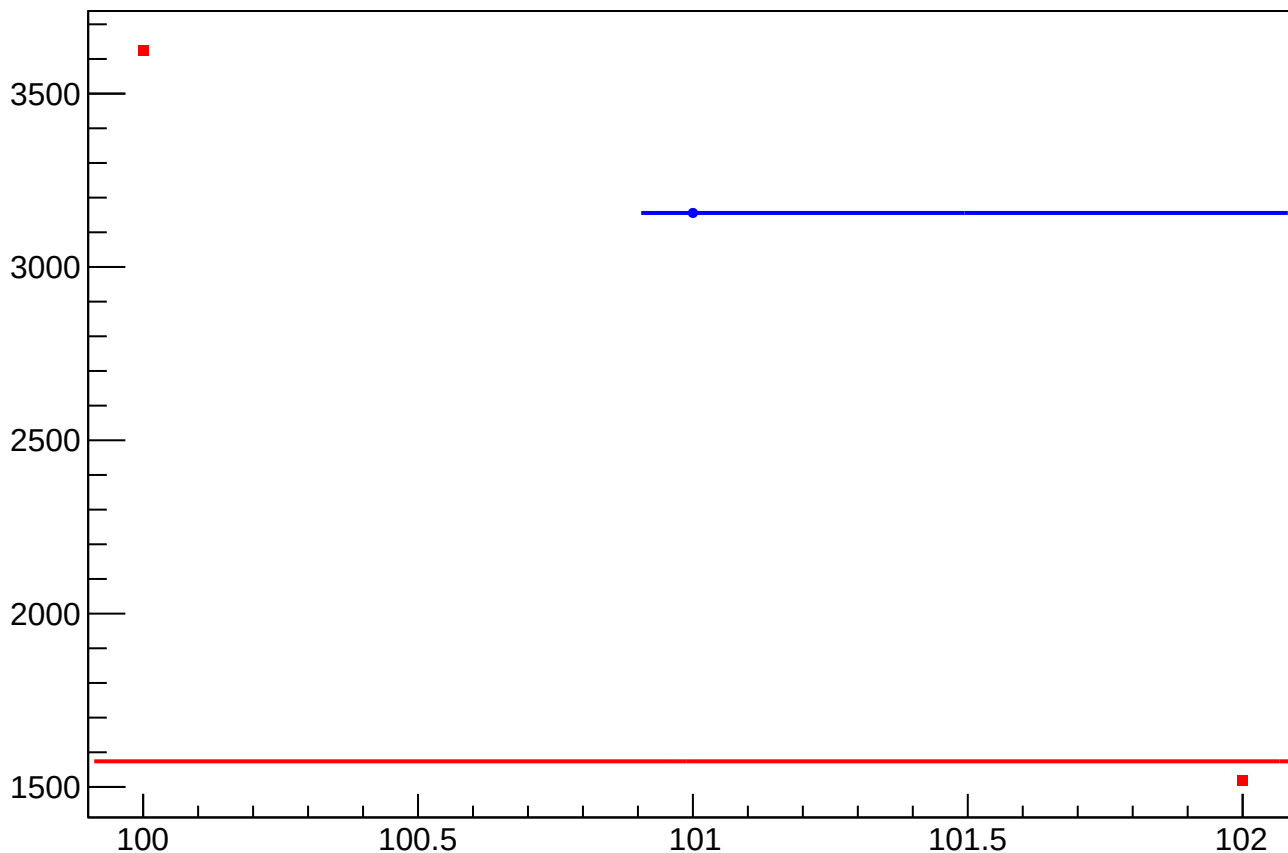
Right: 662.782+/-1895.669 χ^2/NDF : 3.4/2

In: 2590.700+/-3897.044 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 662.782+/-1895.669 χ^2/NDF : 3.4/2

reg_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 3155.823+/-2.756 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1573.962+/-1.534 χ^2/NDF : 47580.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

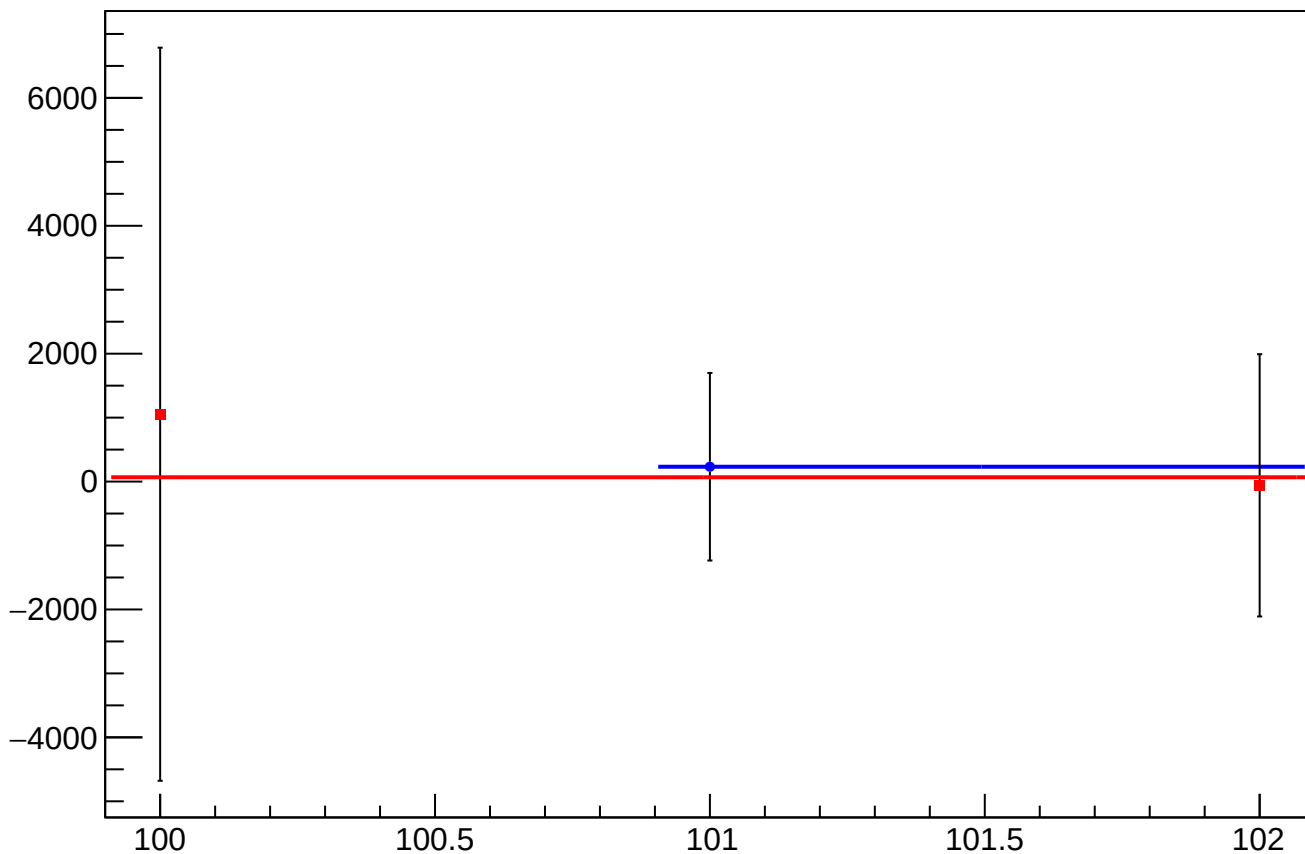
Right: 1948.261+/-1.340 χ^2/NDF : 299138.0/2

In: 3155.823+/-2.756 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1948.261+/-1.340 χ^2/NDF : 299138.0/2

asym_us_dd_atlr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 231.869+/-1466.635 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 67.322+/-1930.865 χ^2 /NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

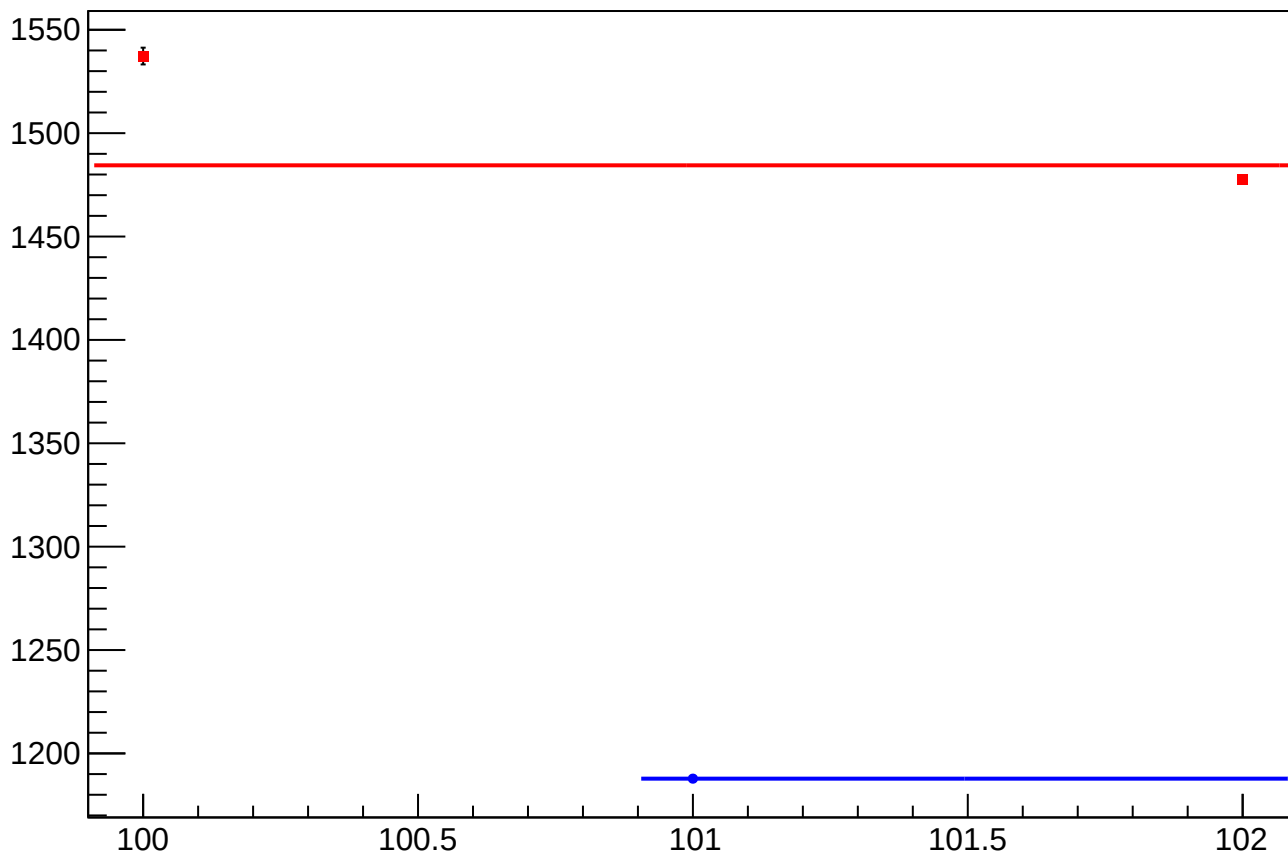
Right: 171.667+/-1167.919 χ^2 /NDF: 0.0/2

In: 231.869+/-1466.635 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 171.667+/-1167.919 χ^2 /NDF: 0.0/2

asym_us_dd_atlr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1187.791 $\pm$ 1.037 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1484.445 $\pm$ 1.365 χ^2 /NDF: 191.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

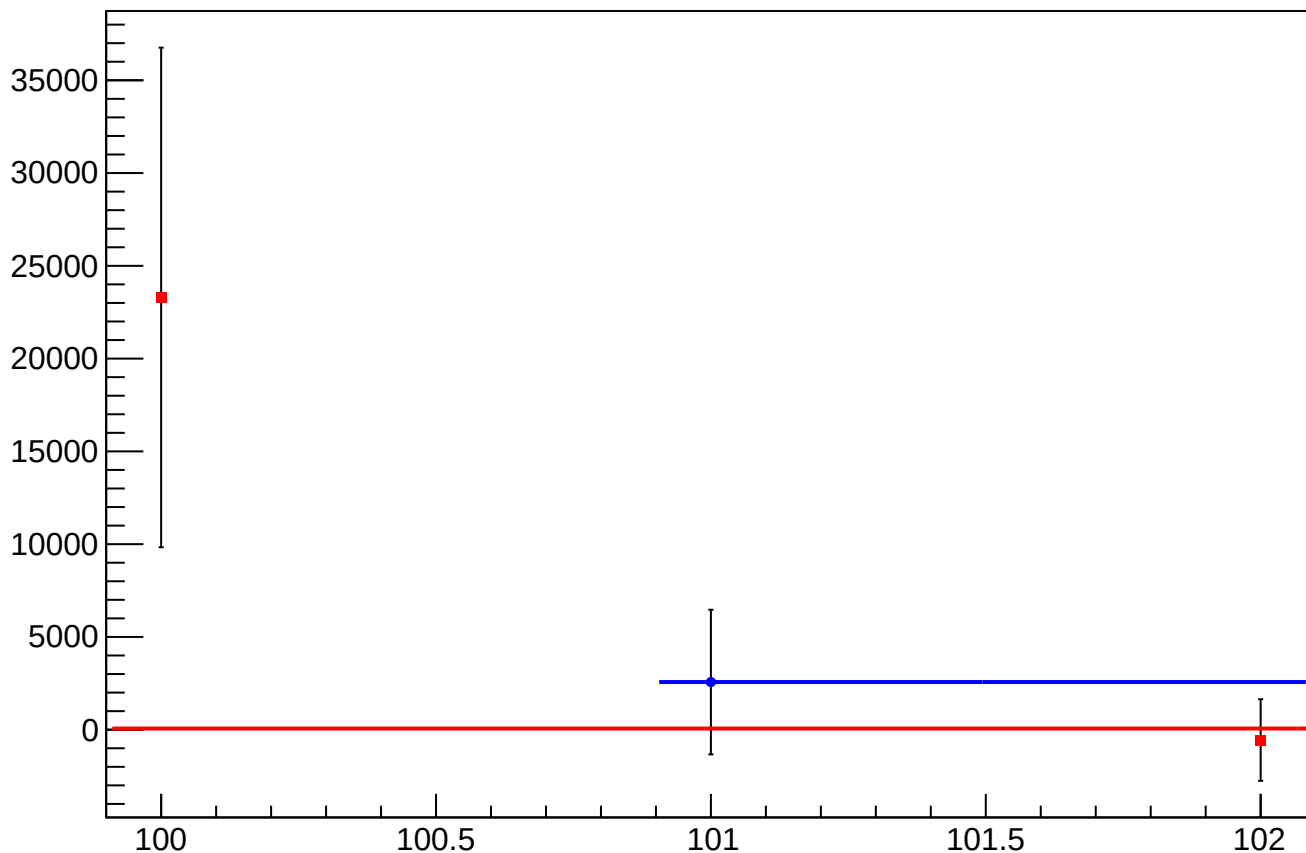
Right: 1296.327 $\pm$ 0.826 χ^2 /NDF: 30128.8/2

In: 1187.791 $\pm$ 1.037 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1296.327 $\pm$ 0.826 χ^2 /NDF: 30128.8/2

cor_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 2568.727+/-3897.063 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.583+/-2169.668 χ^2/NDF : 3.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

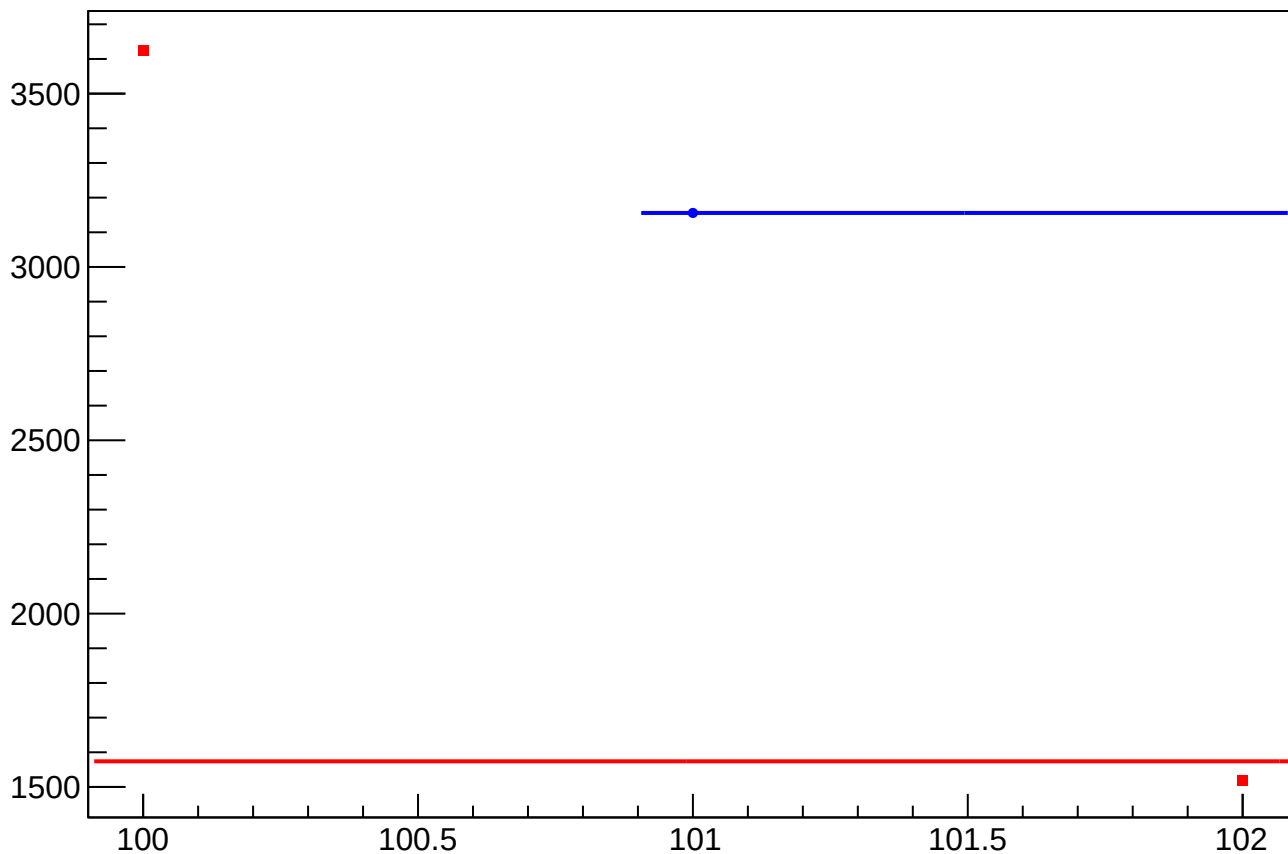
Right: 657.115+/-1895.674 χ^2/NDF : 3.4/2

In: 2568.727+/-3897.063 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 657.115+/-1895.674 χ^2/NDF : 3.4/2

cor_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 3155.834 $\pm$ 2.756 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1573.959 $\pm$ 1.534 χ^2 /NDF: 47580.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

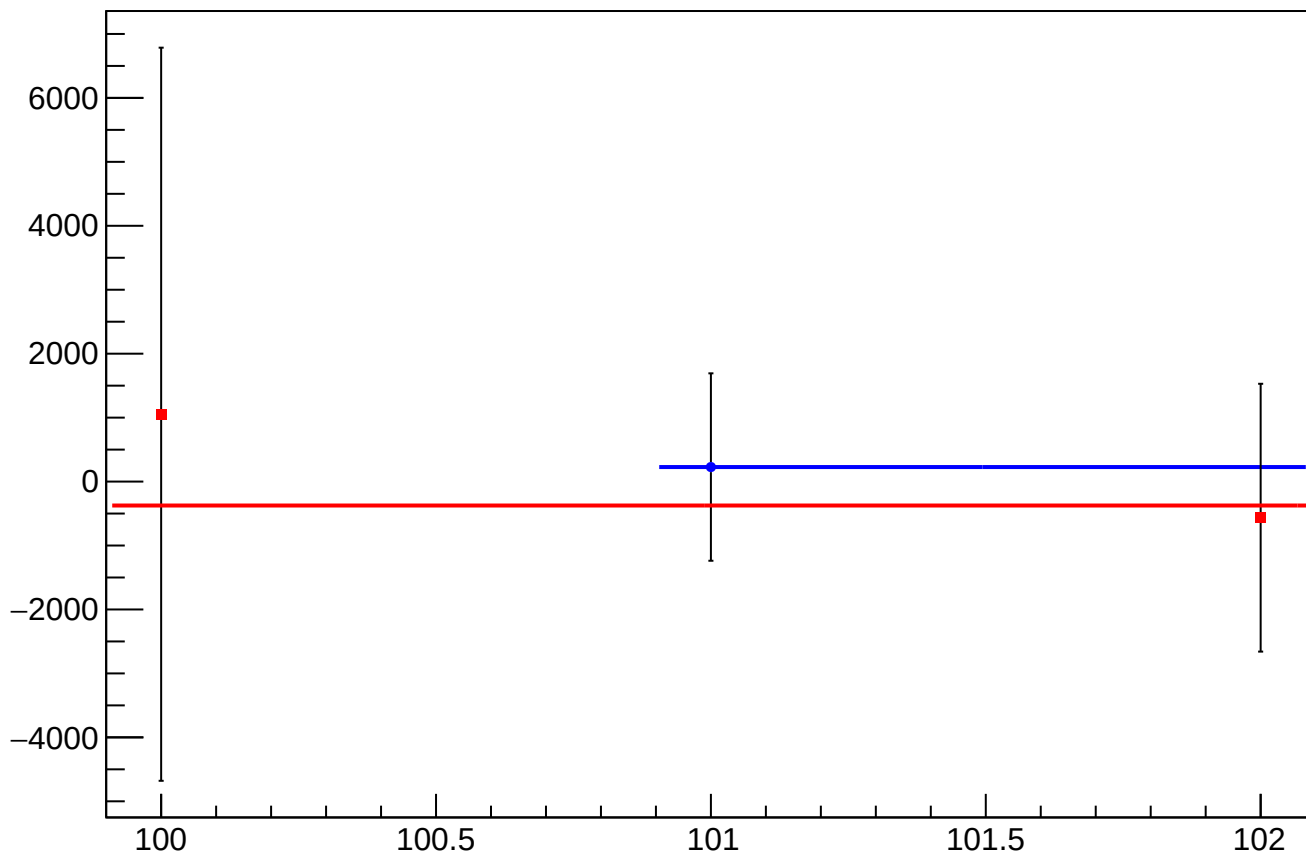
Right: 1948.260 $\pm$ 1.340 χ^2 /NDF: 299140.7/2

In: 3155.834 $\pm$ 2.756 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1948.260 $\pm$ 1.340 χ^2 /NDF: 299140.7/2

asym_us_dd_atlr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 227.210+/-1465.485 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -374.354+/-1967.035 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

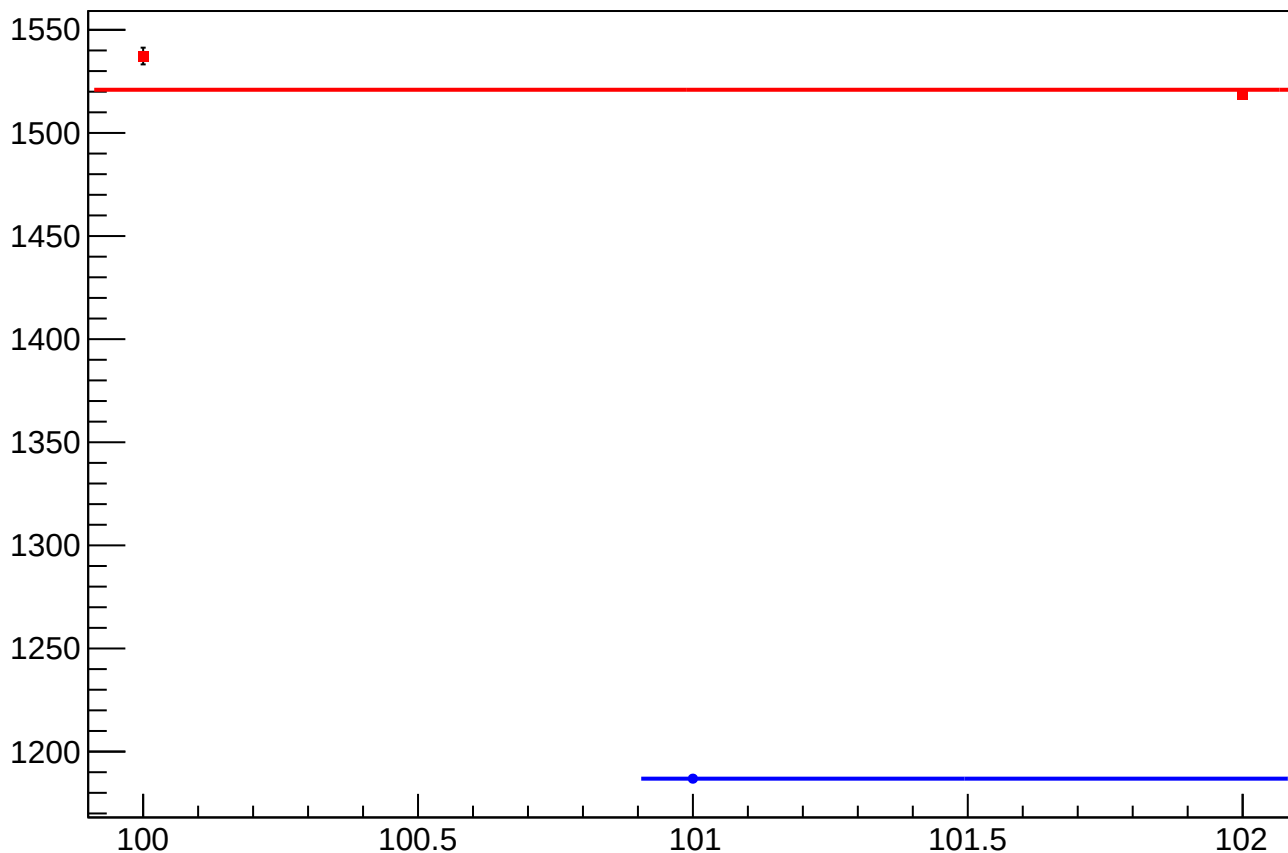
Right: 12.490+/-1175.190 χ^2/NDF : 0.1/2

In: 227.210+/-1465.485 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.490+/-1175.190 χ^2/NDF : 0.1/2

asym_us_dd_atlr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1186.874 $\pm$ 1.036 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1520.939 $\pm$ 1.391 χ^2 /NDF: 18.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

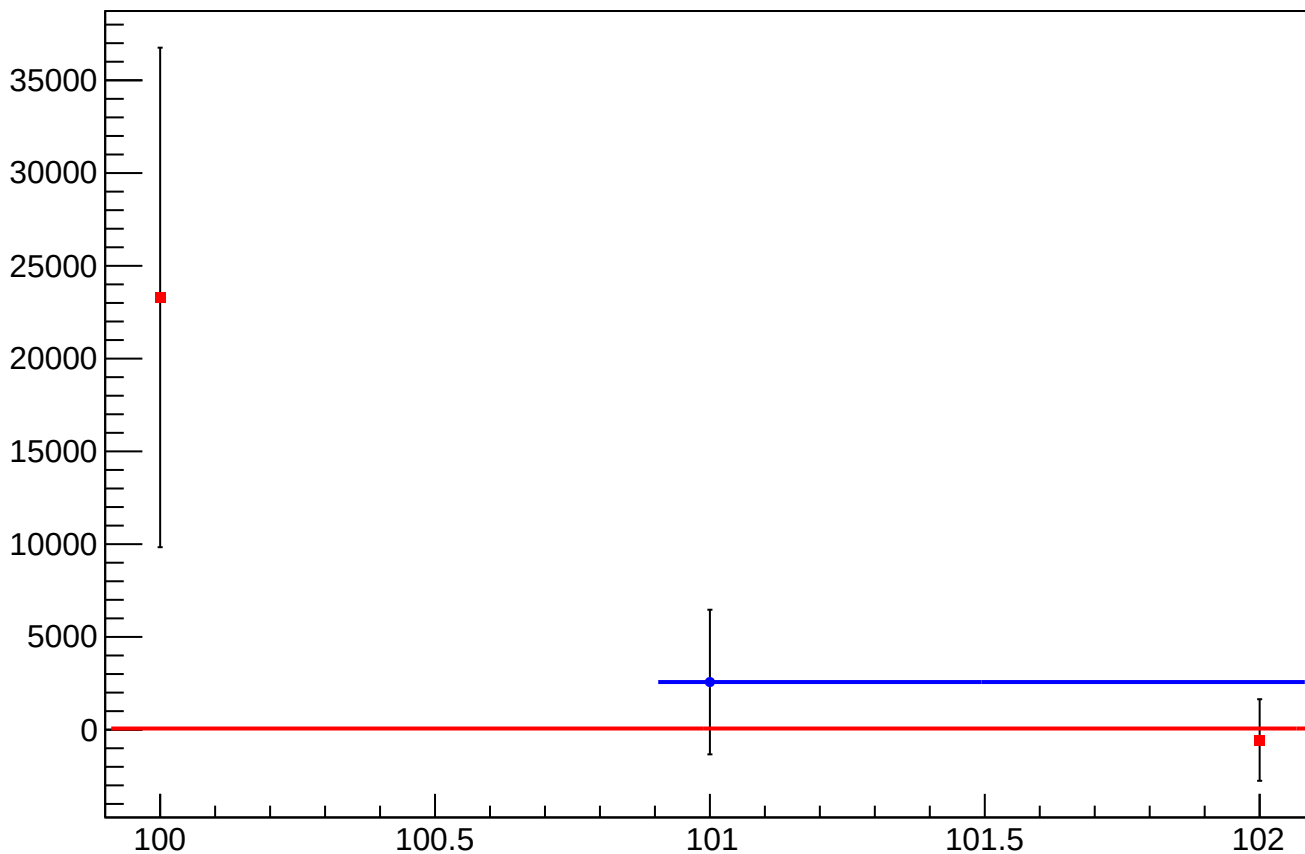
Right: 1306.114 $\pm$ 0.831 χ^2 /NDF: 37113.9/2

In: 1186.874 $\pm$ 1.036 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1306.114 $\pm$ 0.831 χ^2 /NDF: 37113.9/2

eigen_cor_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 2568.727 $\pm$ 3897.063 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 64.583 $\pm$ 2169.668 χ^2 /NDF: 3.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

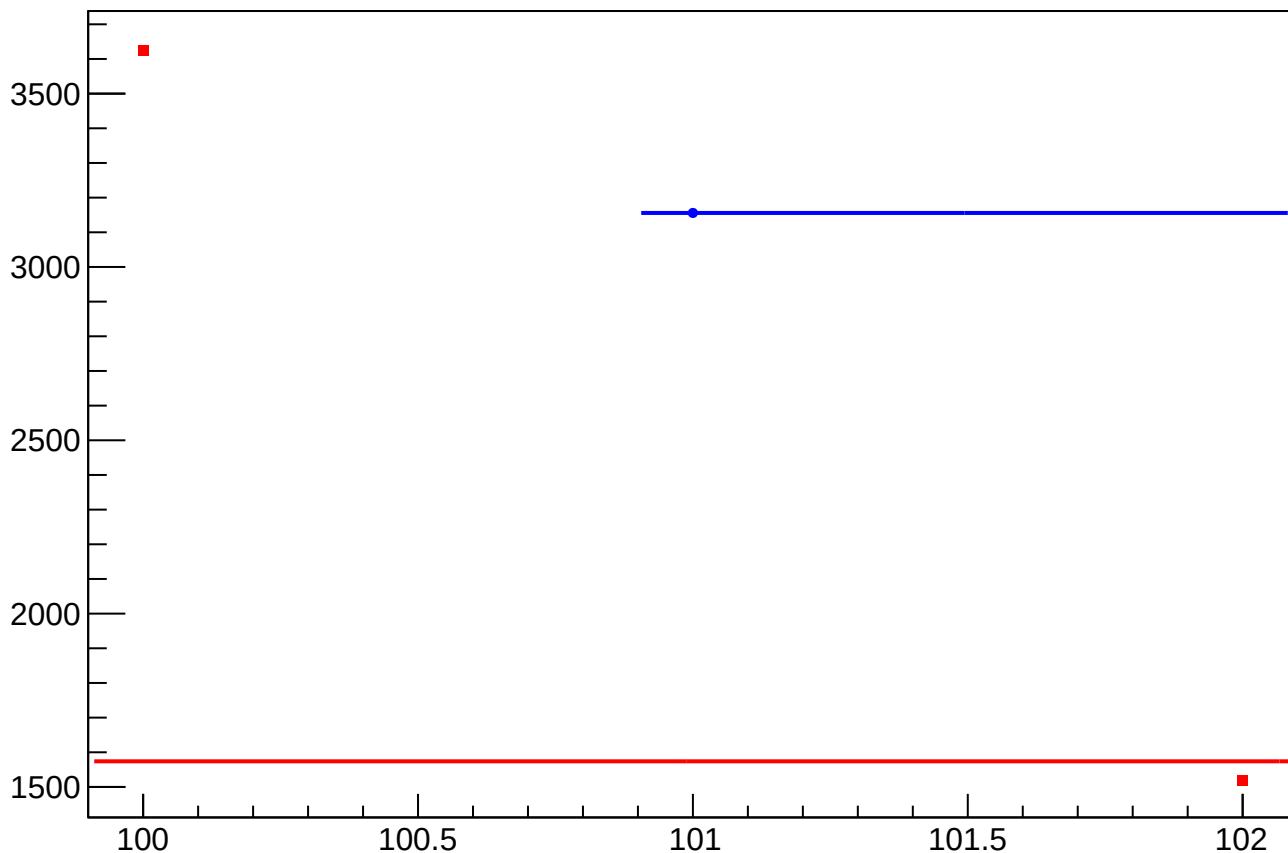
Right: 657.115 $\pm$ 1895.674 χ^2 /NDF: 3.4/2

In: 2568.727 $\pm$ 3897.063 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 657.115 $\pm$ 1895.674 χ^2 /NDF: 3.4/2

eigen_cor_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 3155.834+/-2.756 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1573.959+/-1.534 χ^2/NDF : 47580.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

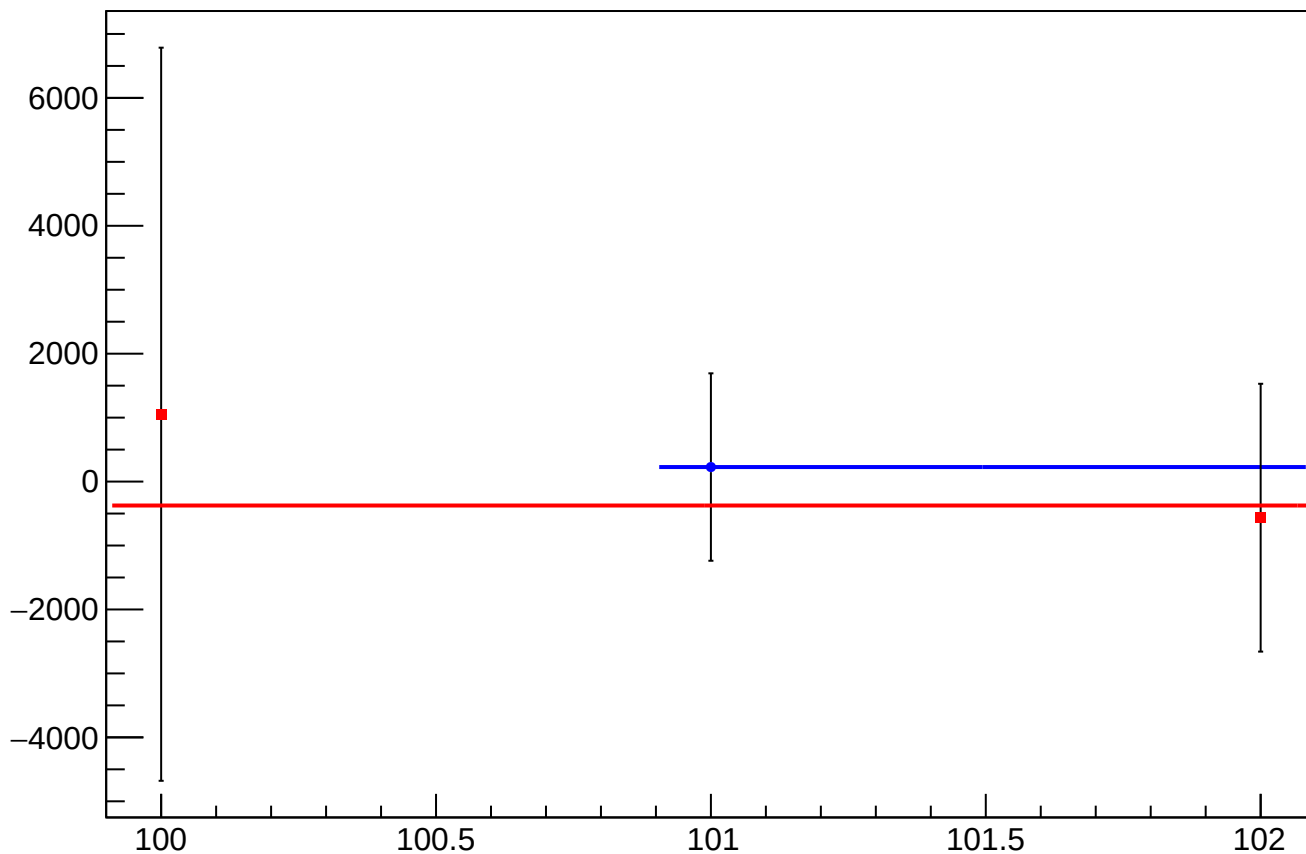
Right: 1948.260+/-1.340 χ^2/NDF : 299140.7/2

In: 3155.834+/-2.756 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1948.260+/-1.340 χ^2/NDF : 299140.7/2

asym_us_dd_atlr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 227.210+/-1465.485 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -374.354+/-1967.035 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

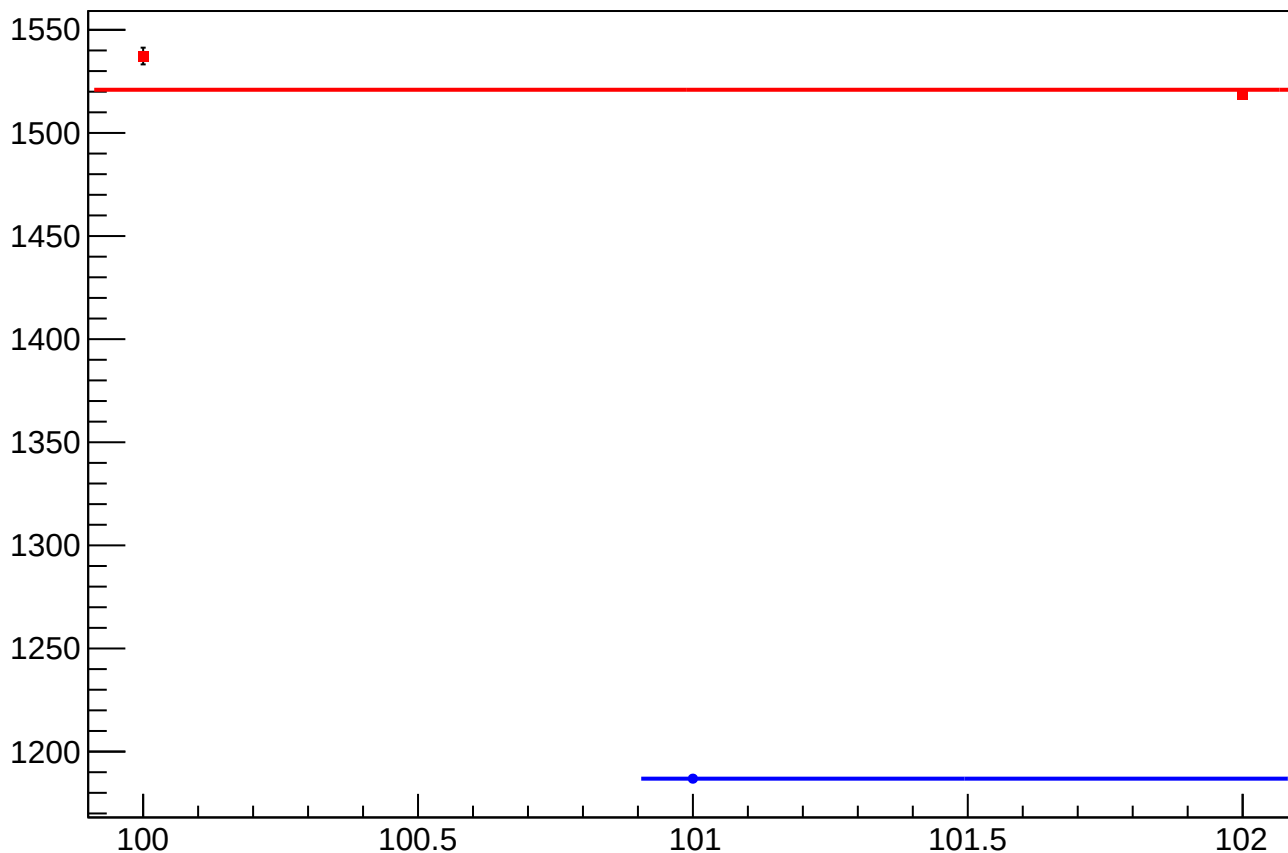
Right: 12.490+/-1175.190 χ^2/NDF : 0.1/2

In: 227.210+/-1465.485 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.490+/-1175.190 χ^2/NDF : 0.1/2

asym_us_dd_atlr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1186.874 $\pm$ 1.036 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1520.939 $\pm$ 1.391 χ^2 /NDF: 18.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

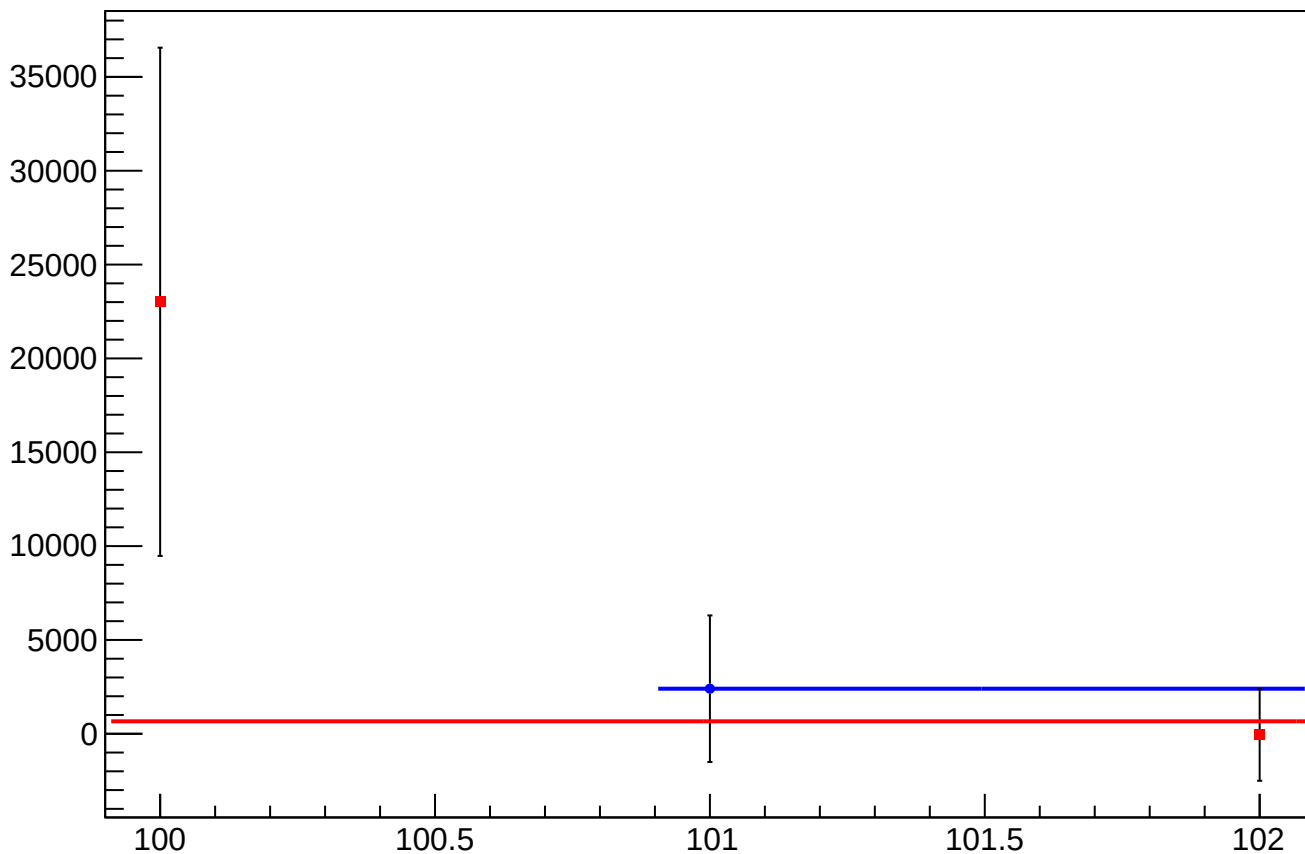
Right: 1306.114 $\pm$ 0.831 χ^2 /NDF: 37113.9/2

In: 1186.874 $\pm$ 1.036 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1306.114 $\pm$ 0.831 χ^2 /NDF: 37113.9/2

dit_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 2401.751+/-3904.105 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 664.119+/-2403.546 χ^2/NDF : 2.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

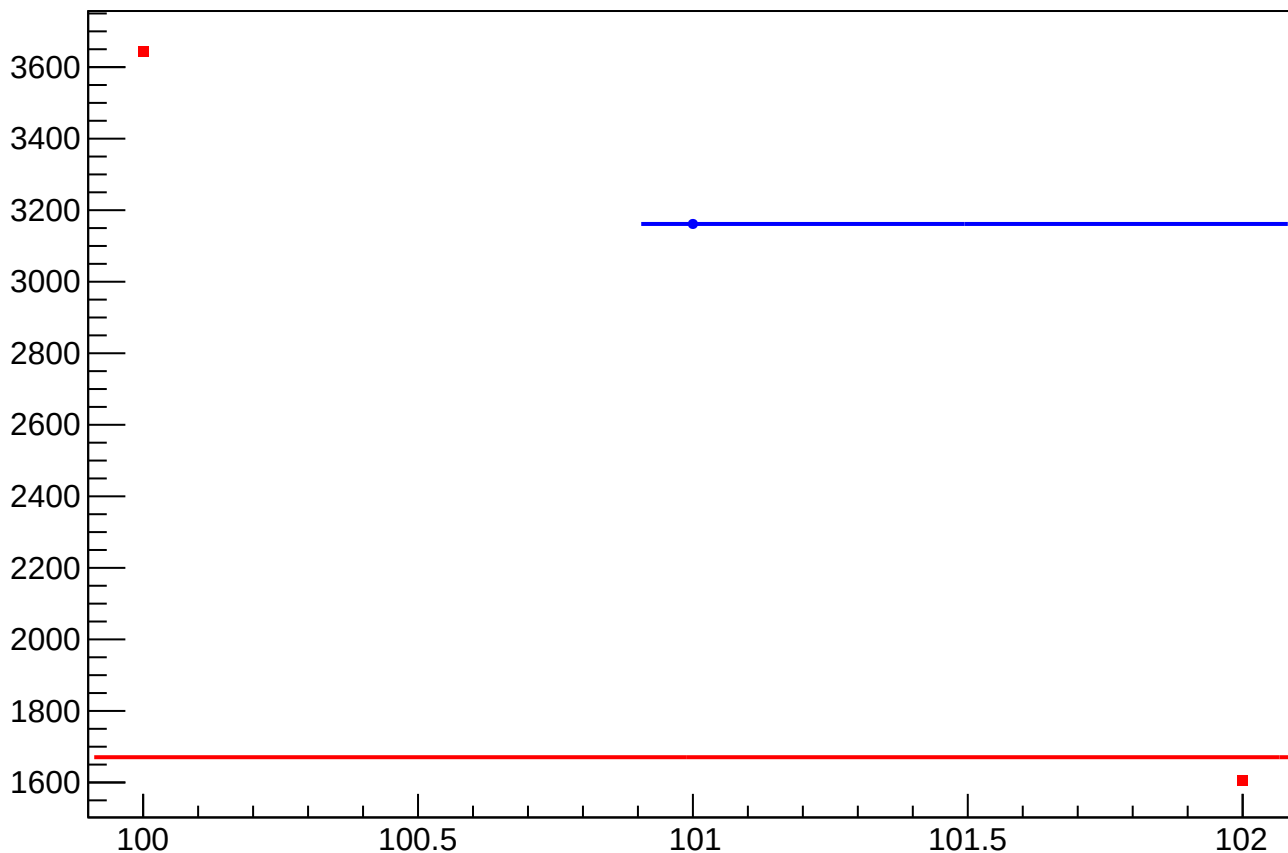
Right: 1141.703+/-2046.761 χ^2/NDF : 3.0/2

In: 2401.751+/-3904.105 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1141.703+/-2046.761 χ^2/NDF : 3.0/2

dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 3161.517 $\pm$ 2.761 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1670.613 $\pm$ 1.700 χ^2 /NDF: 43892.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

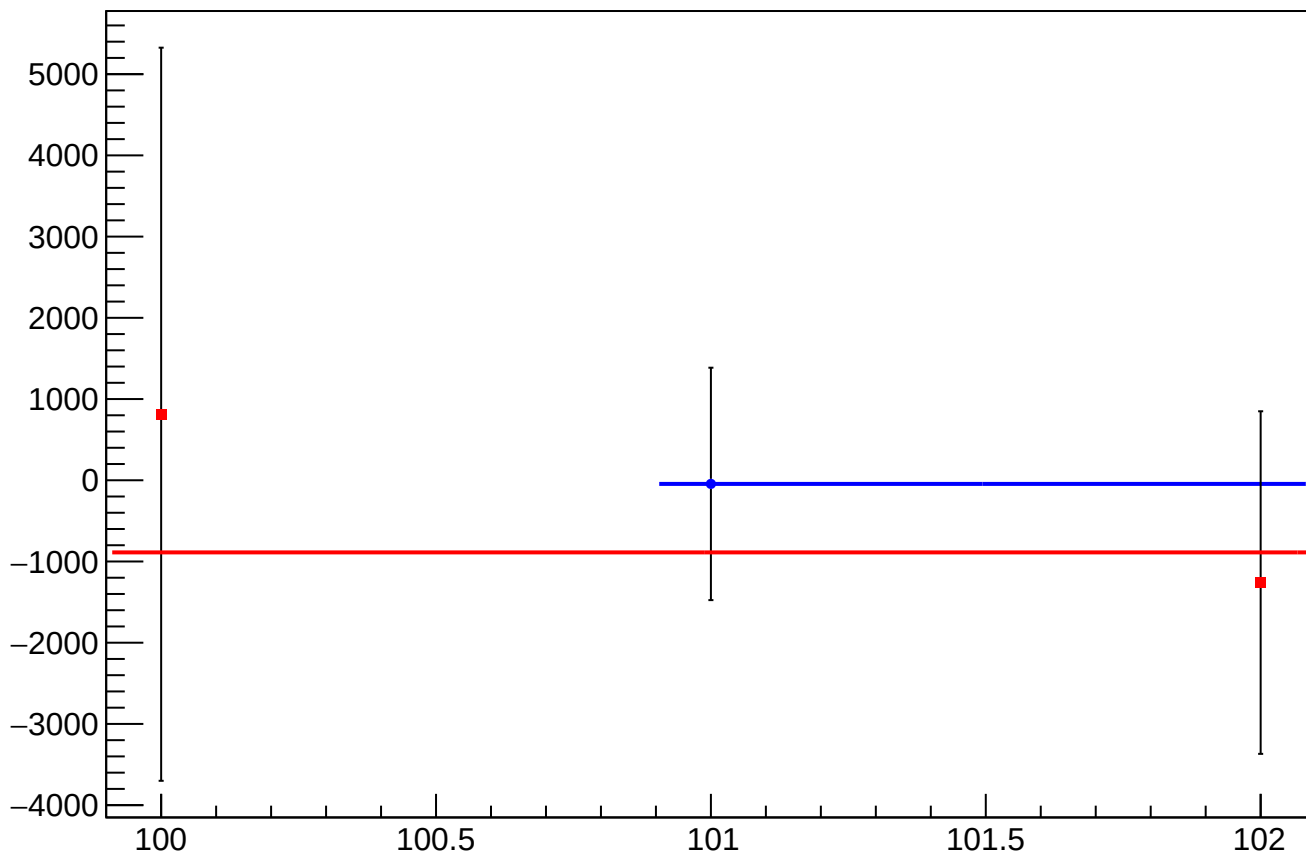
Right: 2080.379 $\pm$ 1.447 χ^2 /NDF: 255395.7/2

In: 3161.517 $\pm$ 2.761 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2080.379 $\pm$ 1.447 χ^2 /NDF: 255395.7/2

asym_us_dd_atlr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -44.892 $\pm$ 1430.687 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -888.117 $\pm$ 1910.680 χ^2 /NDF: 0.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

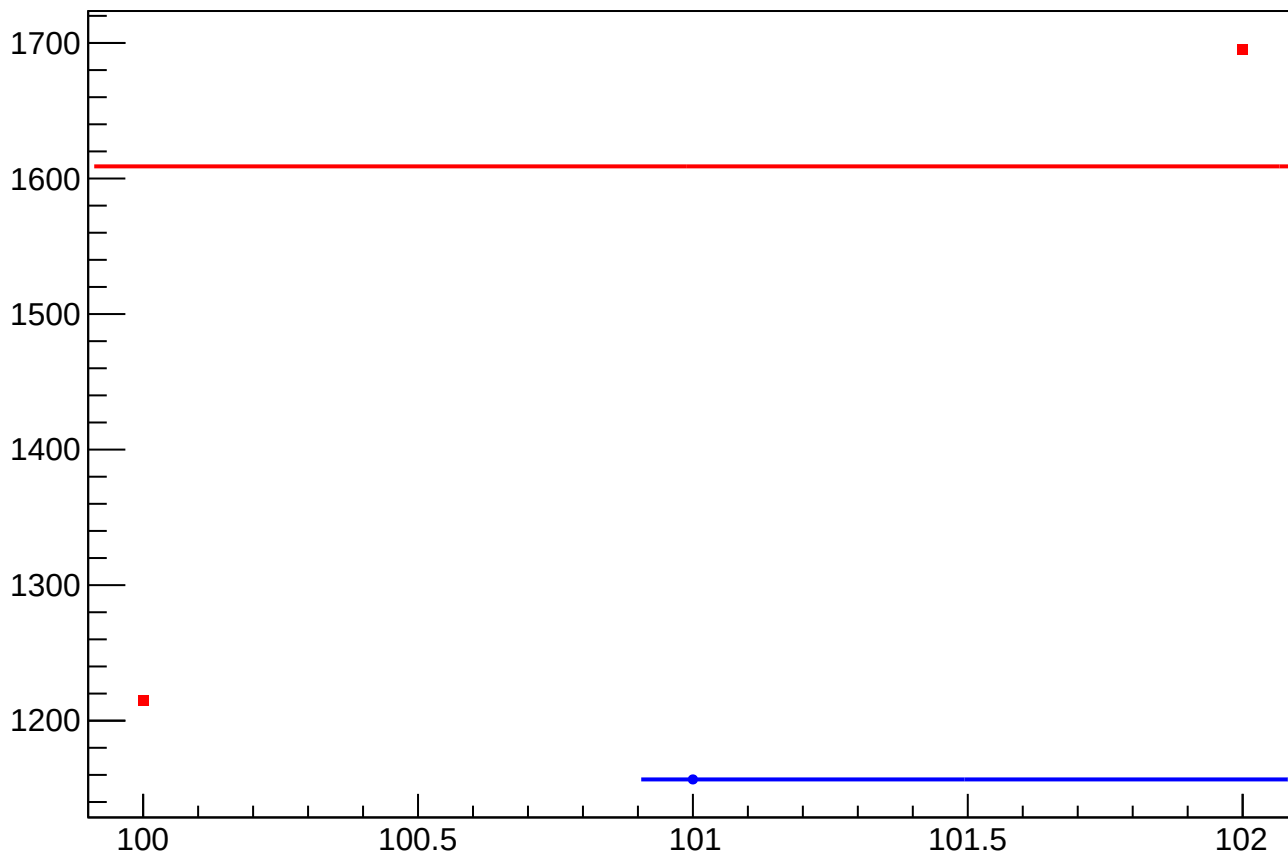
Right: -347.823 $\pm$ 1145.218 χ^2 /NDF: 0.3/2

In: -44.892 $\pm$ 1430.687 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -347.823 $\pm$ 1145.218 χ^2 /NDF: 0.3/2

asym_us_dd_atlr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1156.661 $\pm$ 1.012 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1608.958 $\pm$ 1.351 χ^2 /NDF: 18591.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

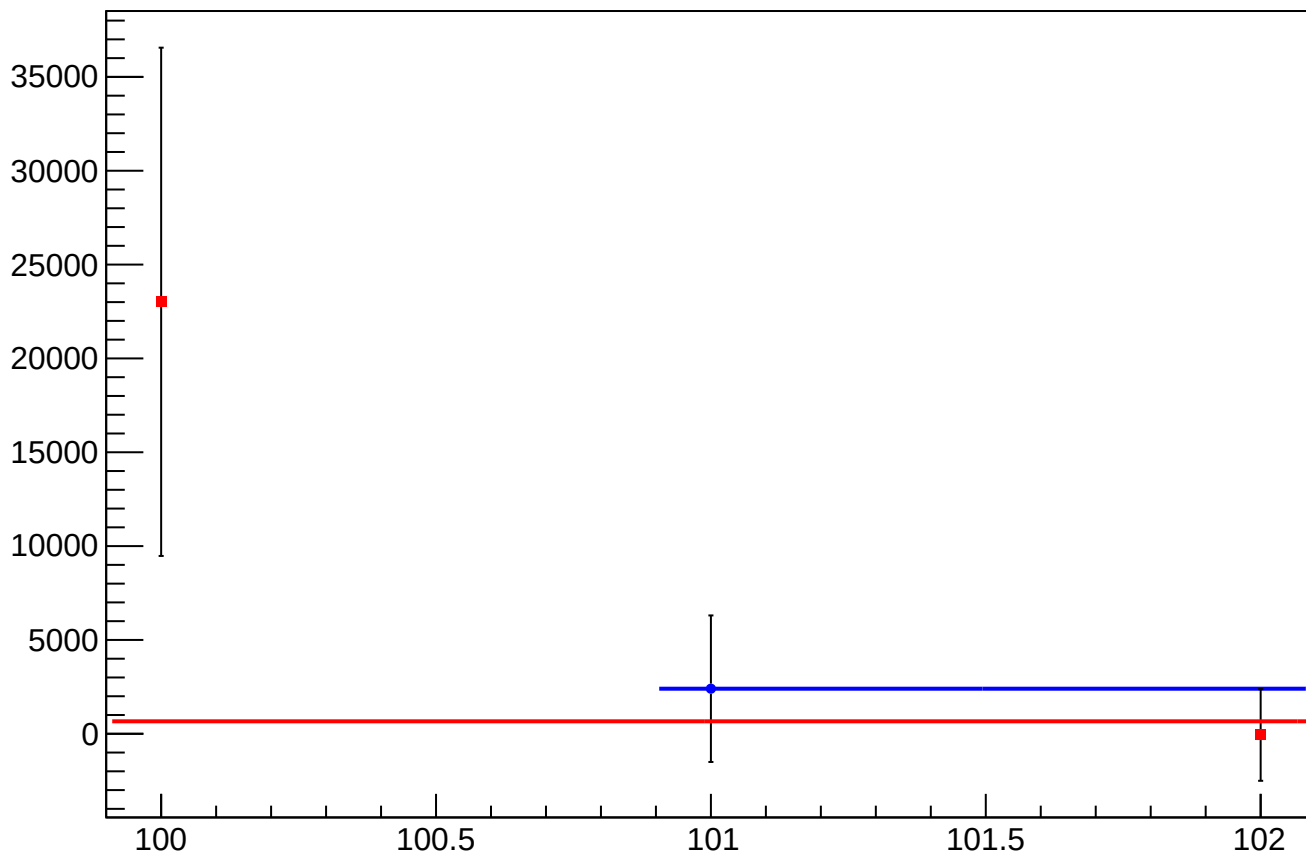
Right: 1319.150 $\pm$ 0.810 χ^2 /NDF: 90401.4/2

In: 1156.661 $\pm$ 1.012 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1319.150 $\pm$ 0.810 χ^2 /NDF: 90401.4/2

eigen_dit_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 2401.737+/-3904.105 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 664.139+/-2403.547 χ^2/NDF : 2.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

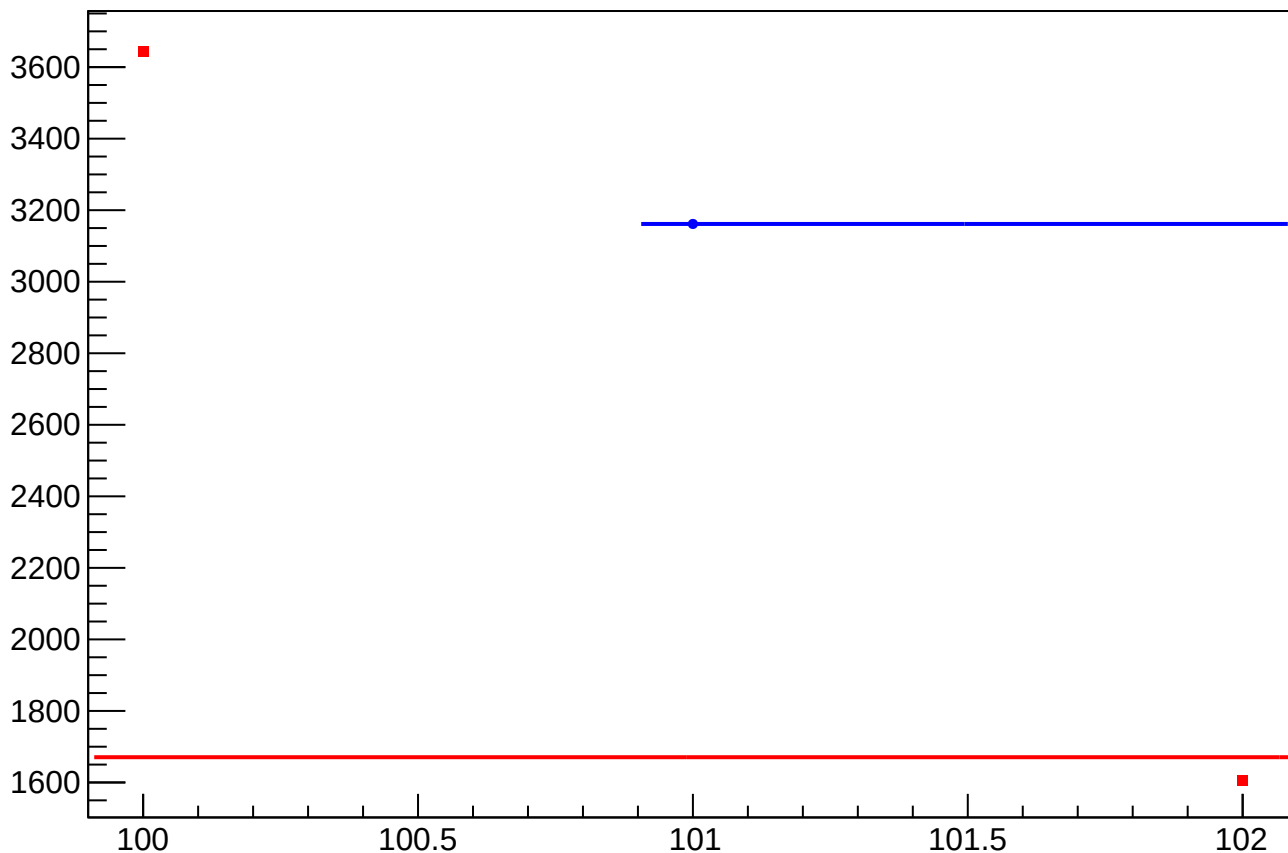
Right: 1141.713+/-2046.762 χ^2/NDF : 3.0/2

In: 2401.737+/-3904.105 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1141.713+/-2046.762 χ^2/NDF : 3.0/2

eigen_dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 3161.517 $\pm$ 2.761 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1670.613 $\pm$ 1.700 χ^2 /NDF: 43892.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

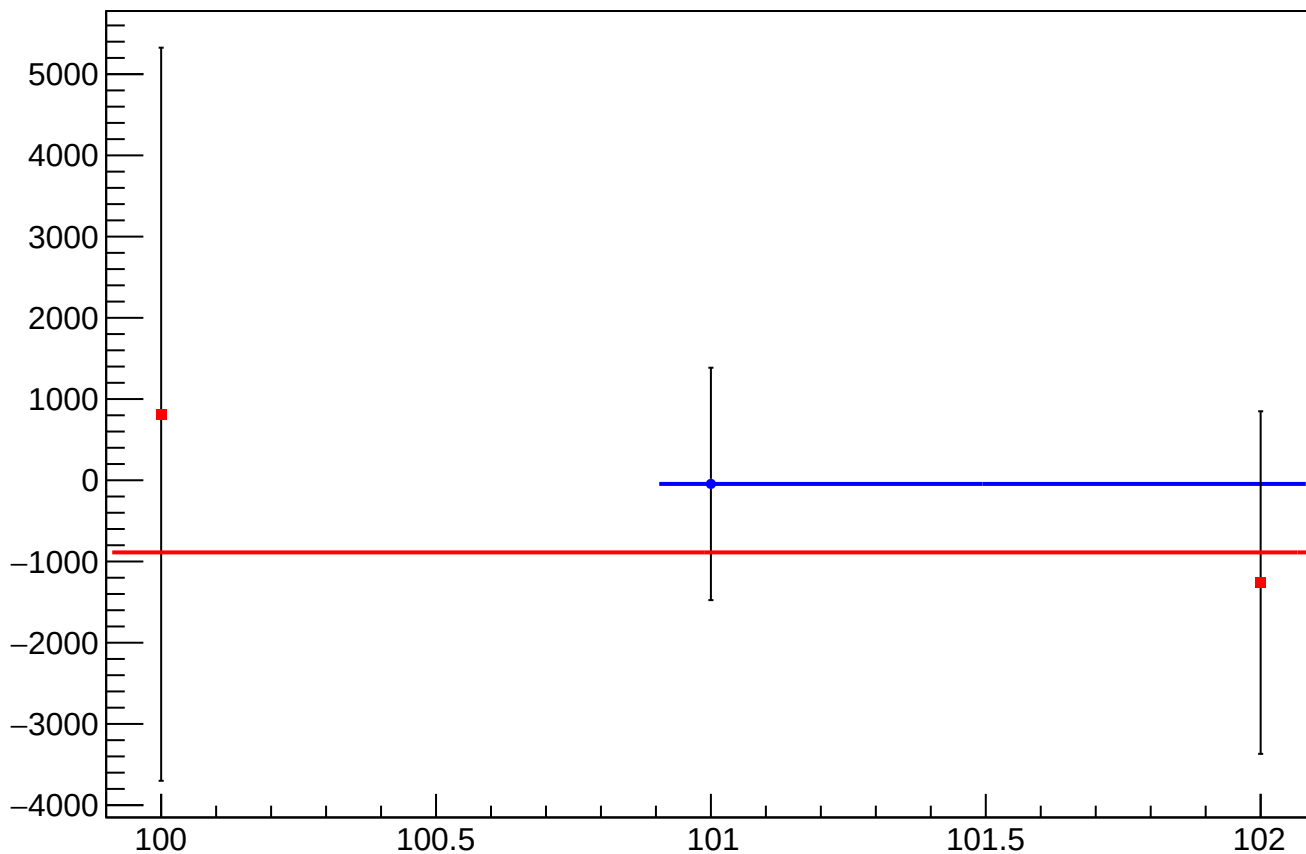
Right: 2080.380 $\pm$ 1.447 χ^2 /NDF: 255395.6/2

In: 3161.517 $\pm$ 2.761 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2080.380 $\pm$ 1.447 χ^2 /NDF: 255395.6/2

asym_us_dd_atlr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -44.907 $\pm$ 1430.687 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -888.104 $\pm$ 1910.682 χ^2 /NDF: 0.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

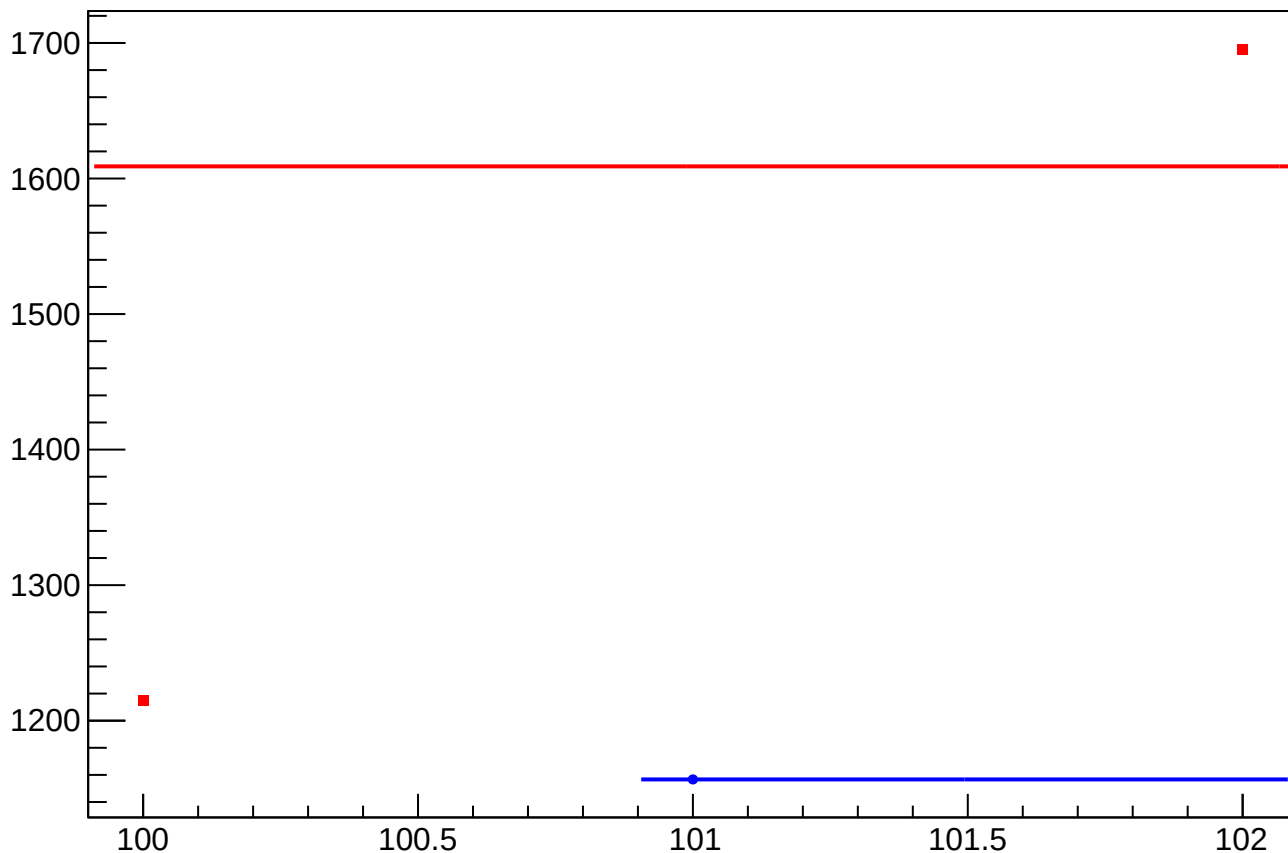
Right: -347.827 $\pm$ 1145.218 χ^2 /NDF: 0.3/2

In: -44.907 $\pm$ 1430.687 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -347.827 $\pm$ 1145.218 χ^2 /NDF: 0.3/2

asym_us_dd_atlr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1156.661 $\pm$ 1.012 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1608.959 $\pm$ 1.351 χ^2 /NDF: 18591.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

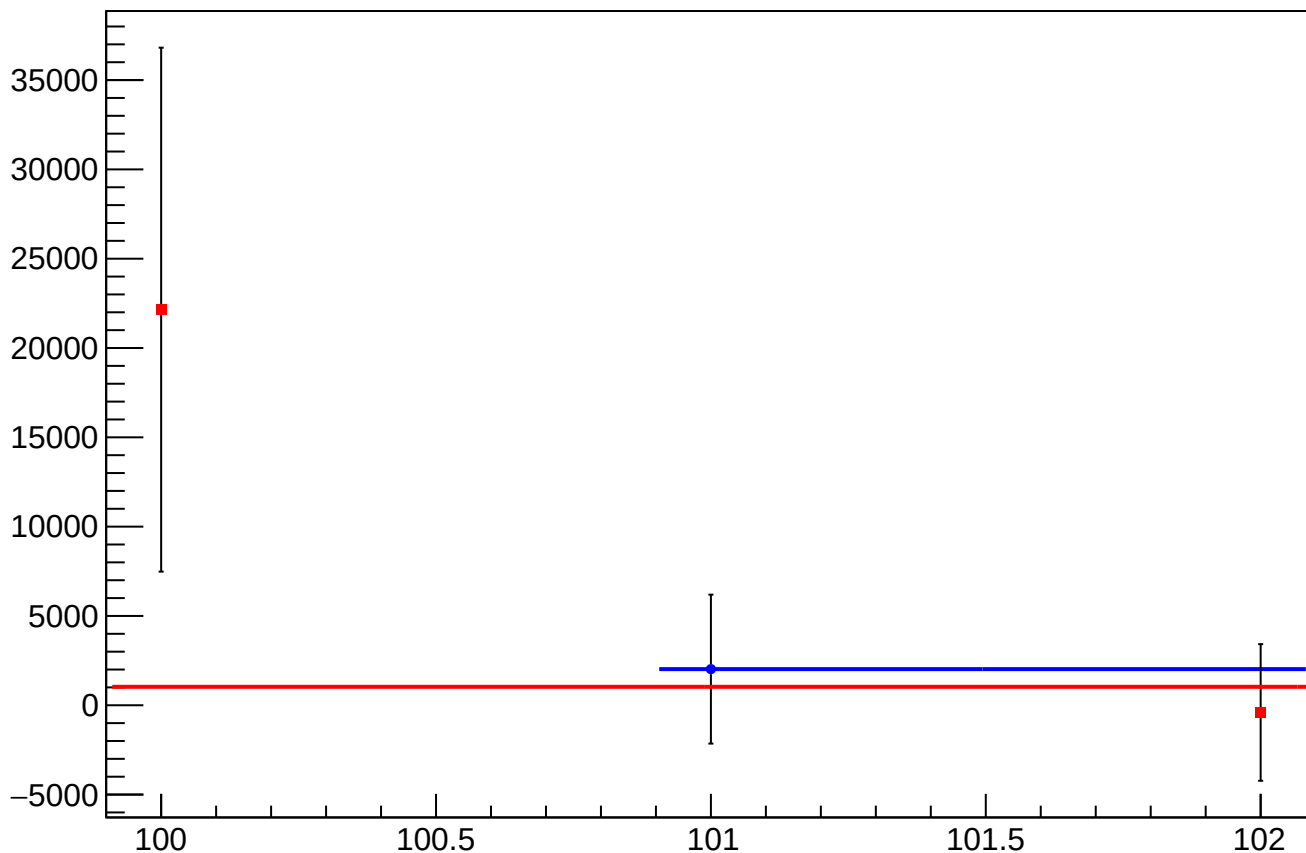
Right: 1319.150 $\pm$ 0.810 χ^2 /NDF: 90402.3/2

In: 1156.661 $\pm$ 1.012 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1319.150 $\pm$ 0.810 χ^2 /NDF: 90402.3/2

asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 2023.256+/-4168.918 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1032.806+/-3701.582 χ^2/NDF : 2.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

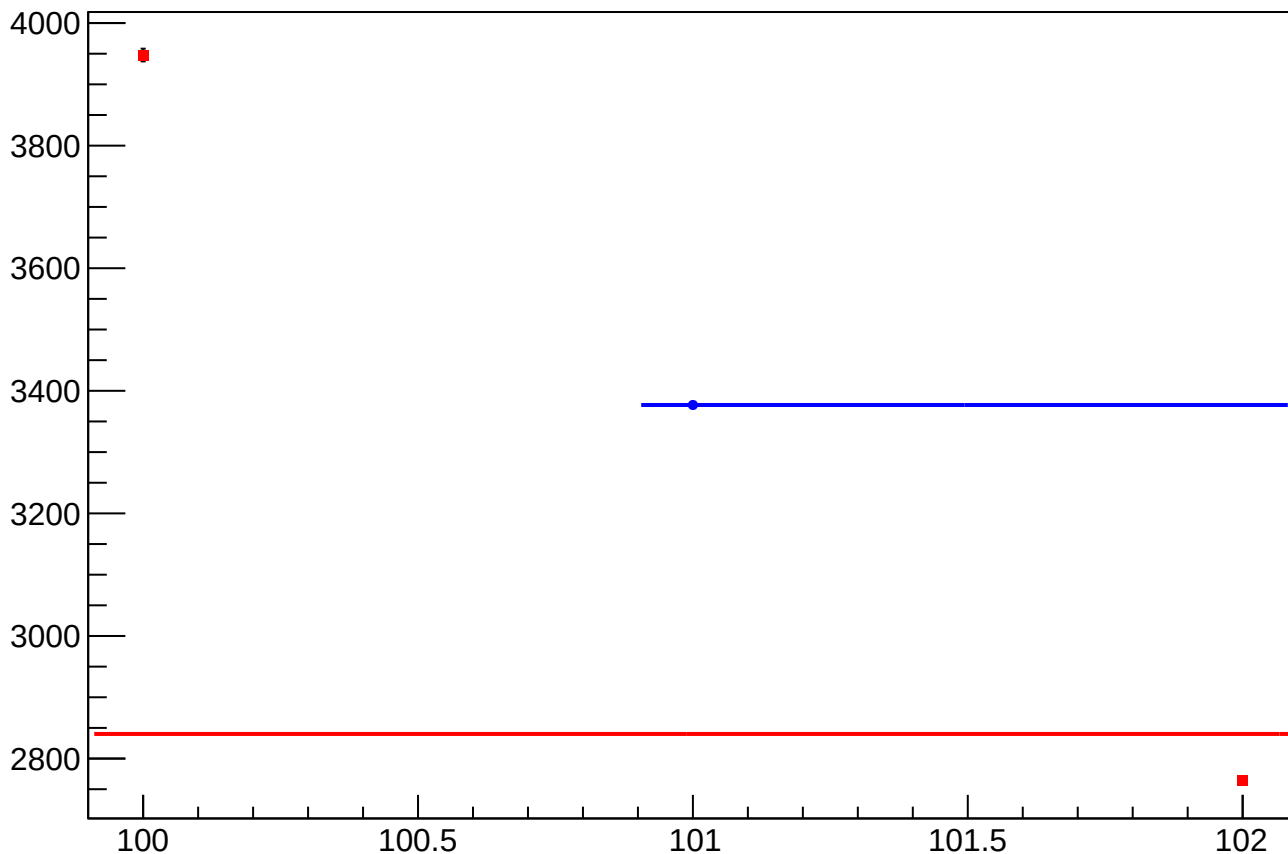
Right: 1469.427+/-2767.956 χ^2/NDF : 2.2/2

In: 2023.256+/-4168.918 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1469.427+/-2767.956 χ^2/NDF : 2.2/2

asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 3376.860+/-2.948 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2840.144+/-2.617 χ^2/NDF : 12183.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

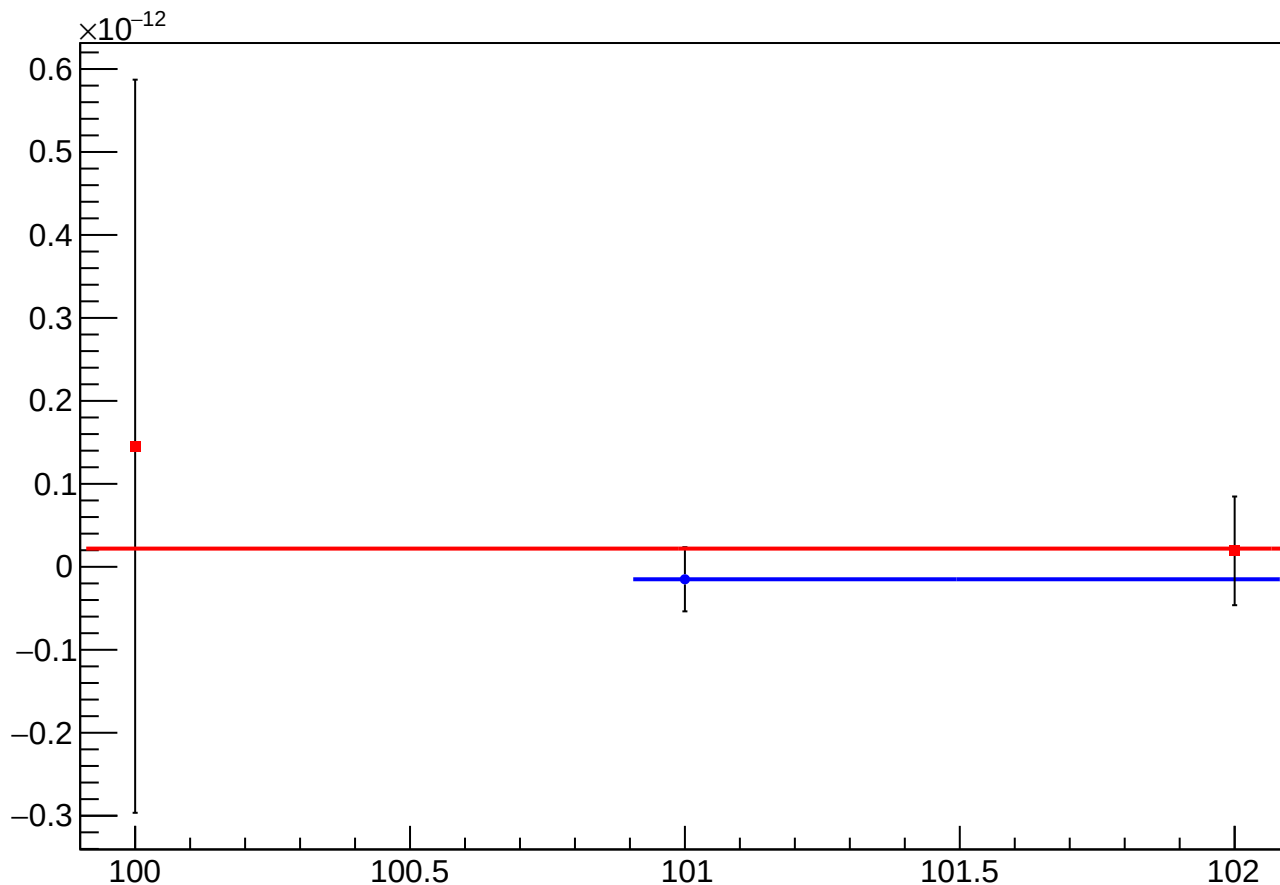
Right: 3076.740+/-1.957 χ^2/NDF : 30719.9/2

In: 3376.860+/-2.948 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3076.740+/-1.957 χ^2/NDF : 30719.9/2

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_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 : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

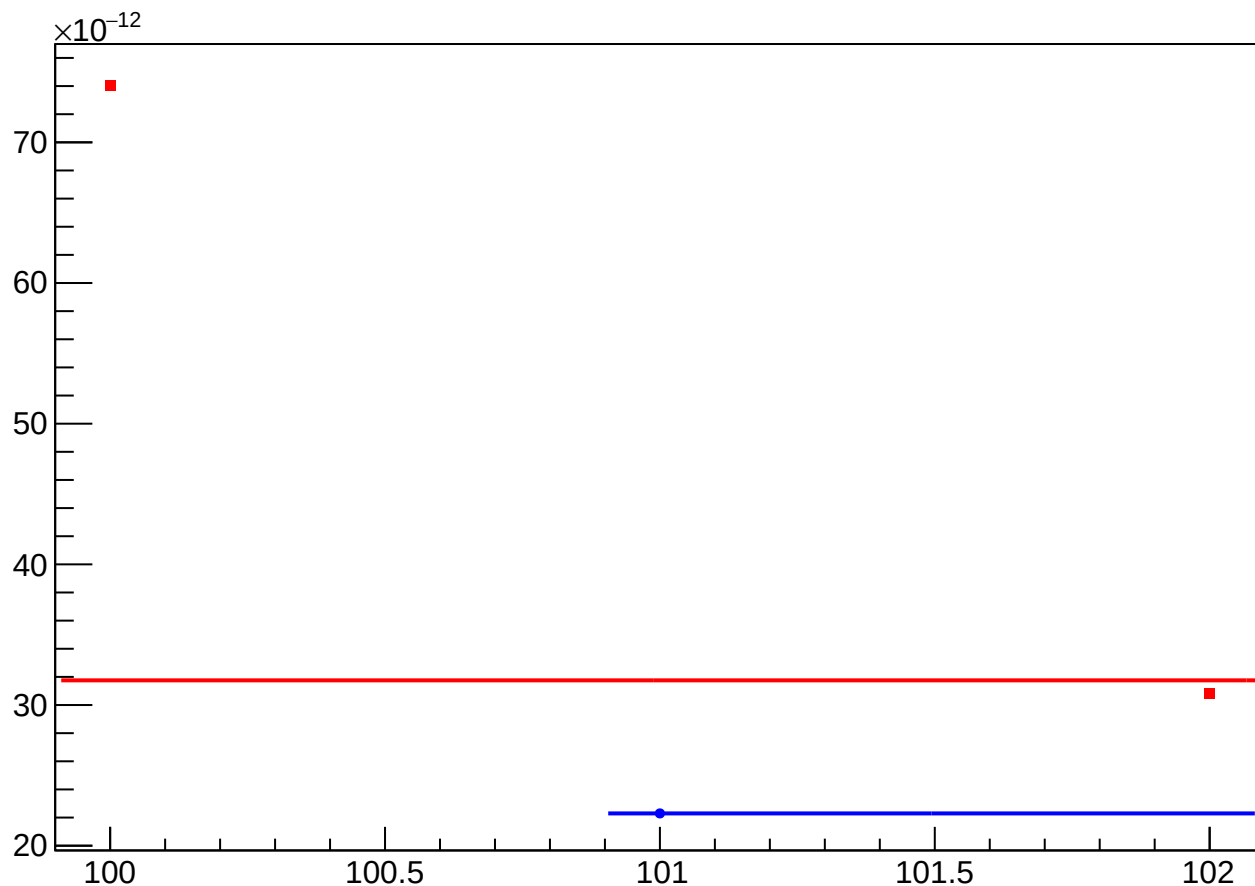
Right: -0.000+/-0.000 χ^2/NDF : 0.3/2

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 : 0.3/2

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_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 : 18751.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

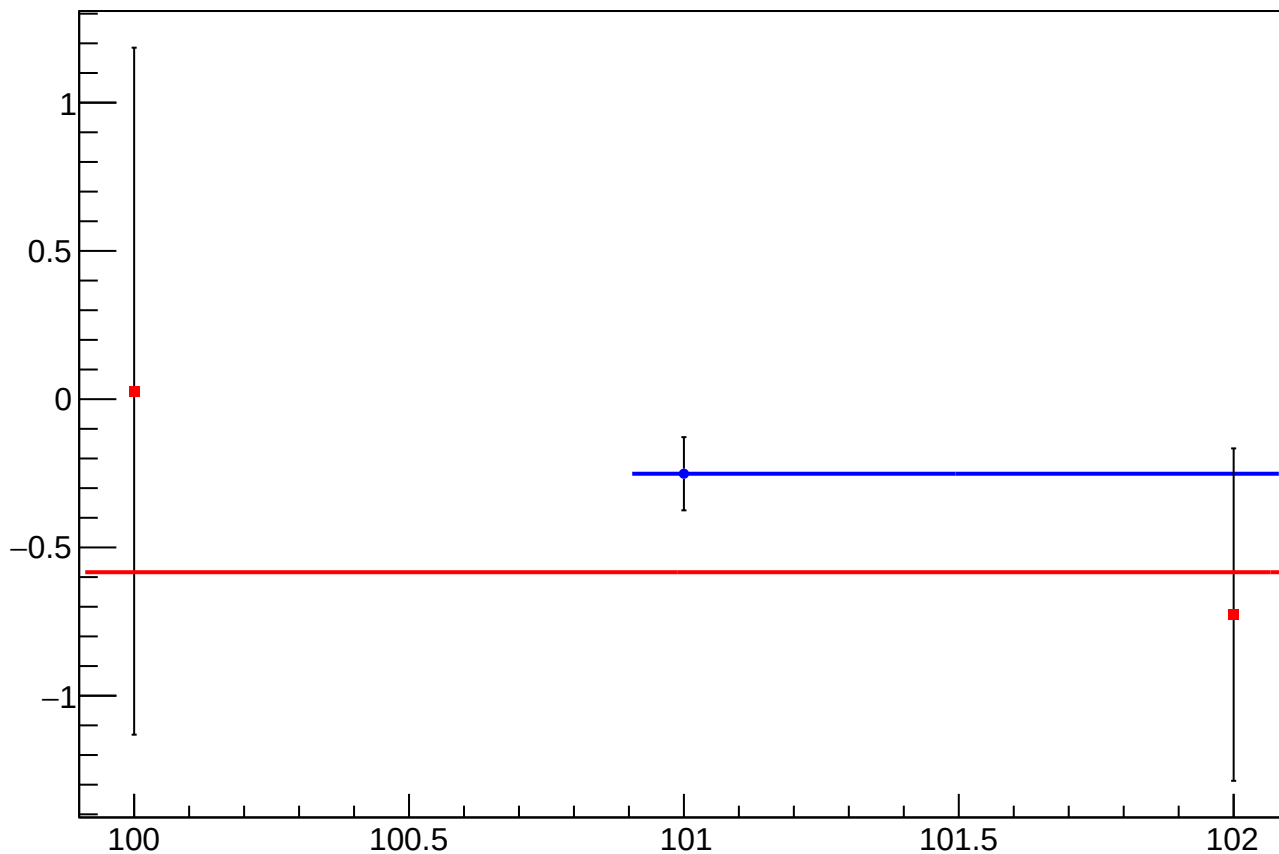
Right: 0.000+/-0.000 χ^2/NDF : 50191.7/2

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 : 50191.7/2

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.251 $\pm$ 0.123 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.584 $\pm$ 0.505 χ^2 /NDF: 0.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

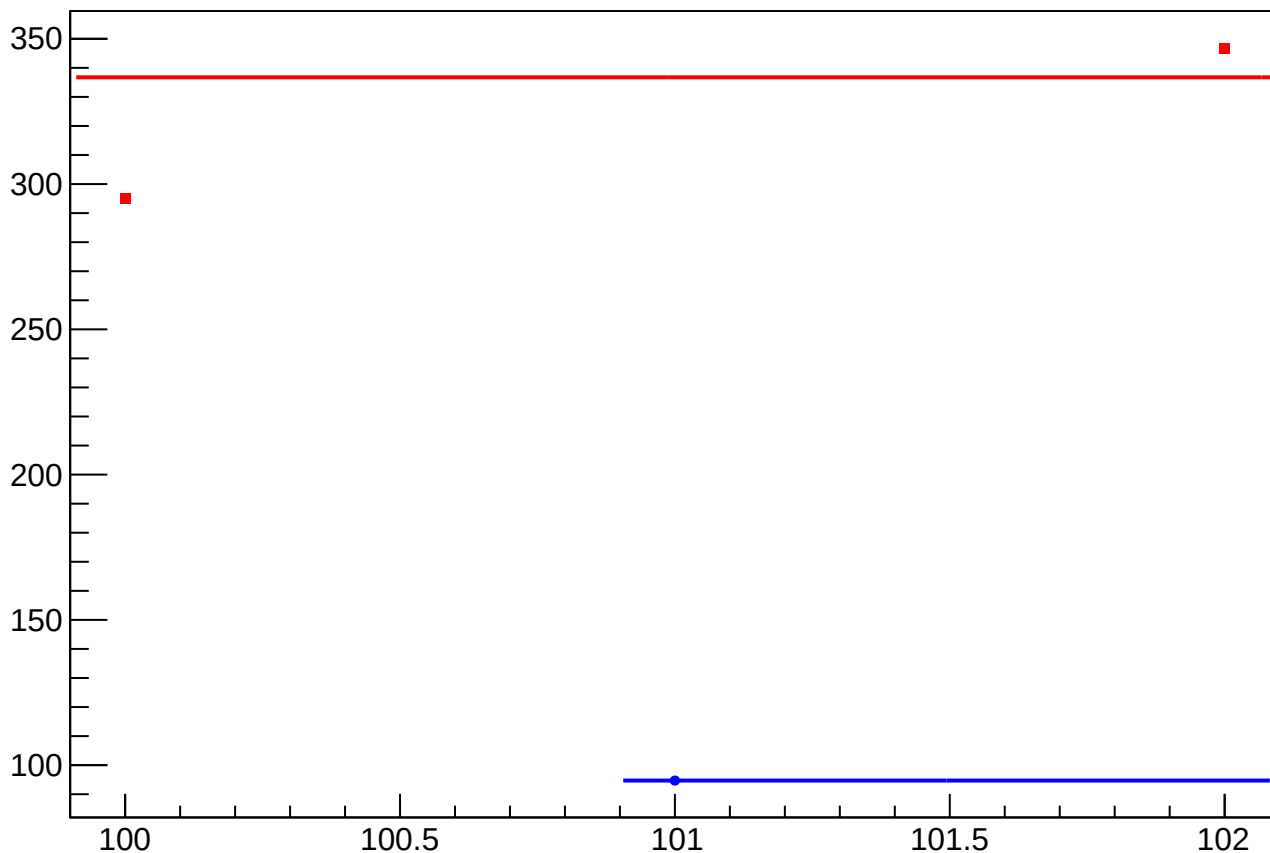
Right: -0.270 $\pm$ 0.120 χ^2 /NDF: 0.8/2

In: -0.251 $\pm$ 0.123 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.270 $\pm$ 0.120 χ^2 /NDF: 0.8/2

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 94.703+/-0.087 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 336.750+/-0.357 χ^2/NDF : 3223.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

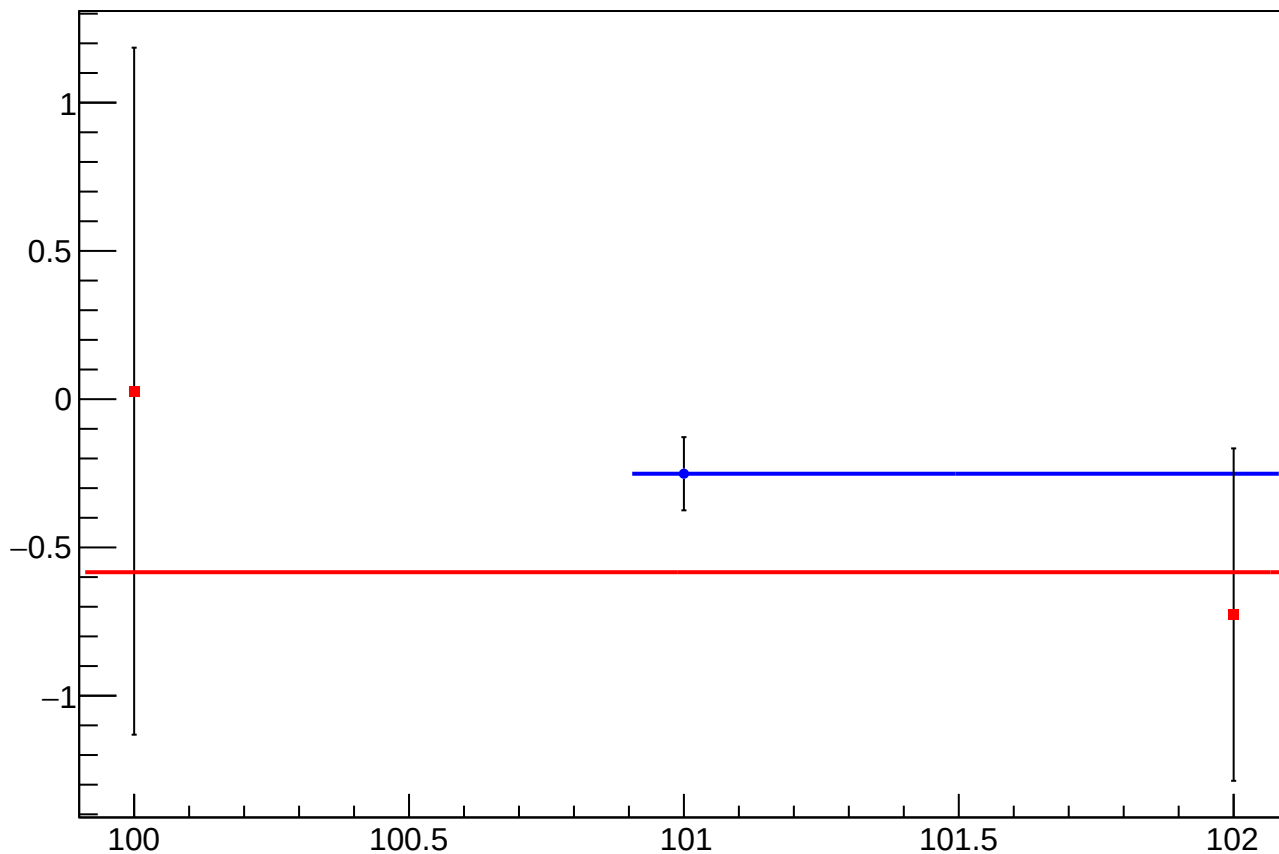
Right: 108.371+/-0.085 χ^2/NDF : 437543.1/2

In: 94.703+/-0.087 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.371+/-0.085 χ^2/NDF : 437543.1/2

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.251+/-0.123 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.584+/-0.505 χ^2/NDF : 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

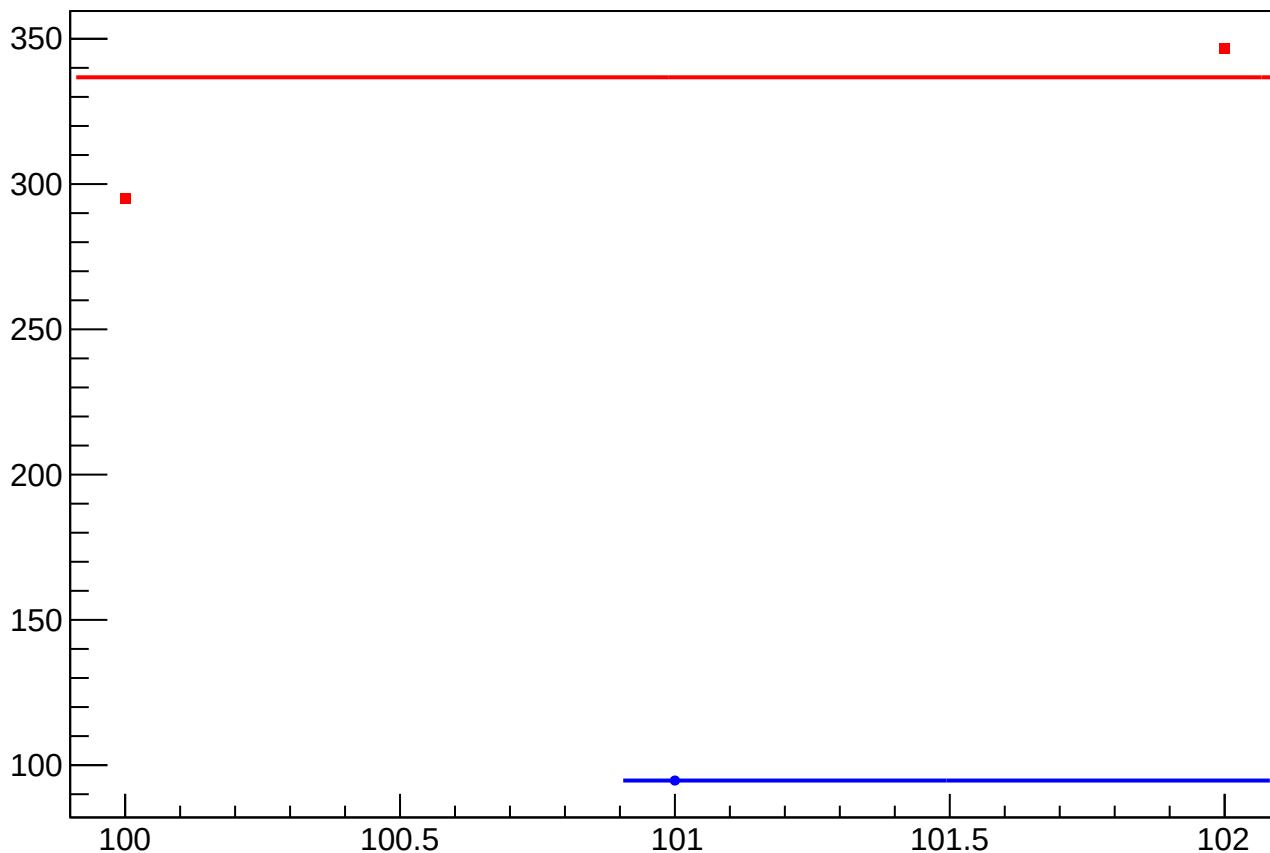
Right: -0.270+/-0.120 χ^2/NDF : 0.8/2

In: -0.251+/-0.123 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.270+/-0.120 χ^2/NDF : 0.8/2

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 94.703 $\pm$ 0.087 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 336.750 $\pm$ 0.357 χ^2 /NDF: 3223.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

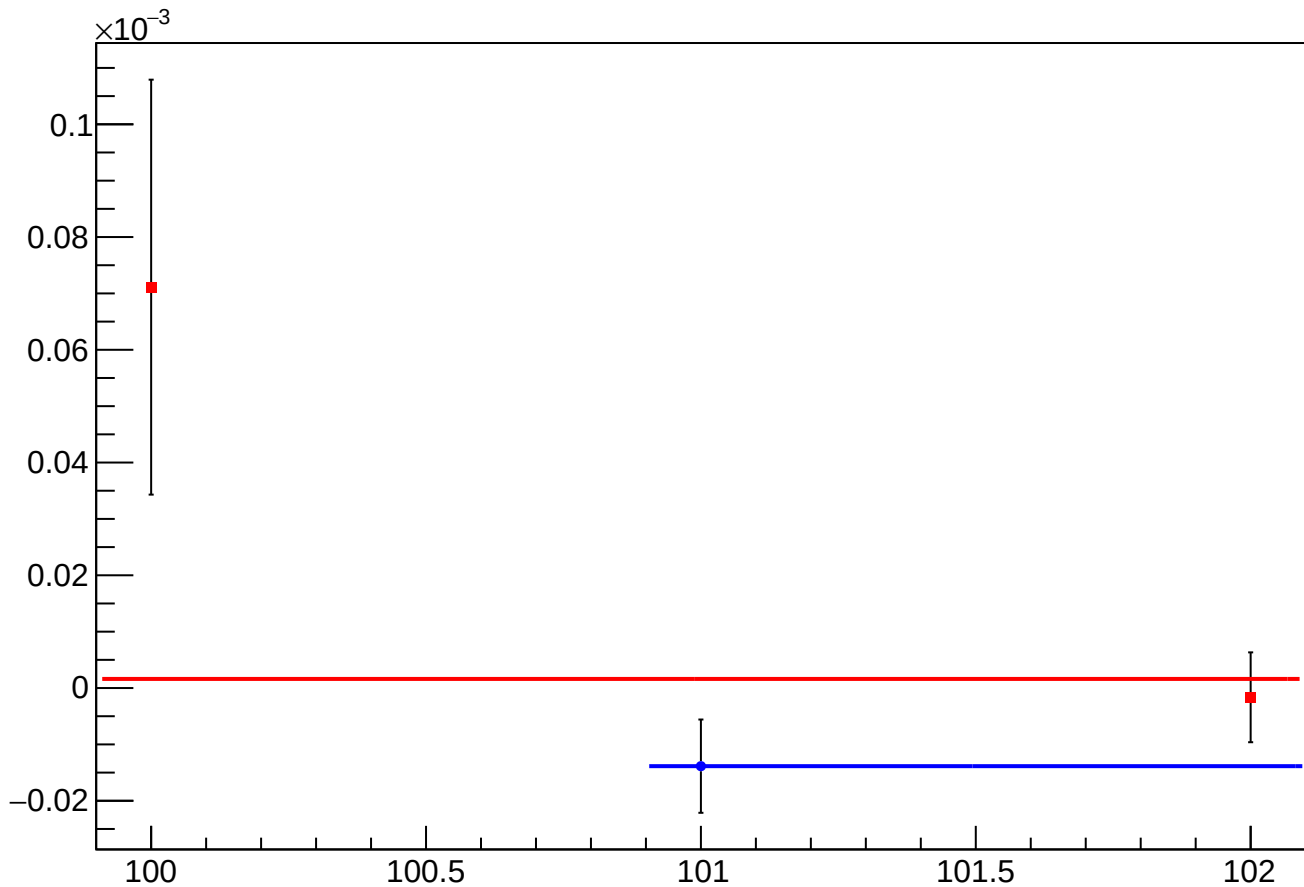
Right: 108.371 $\pm$ 0.085 χ^2 /NDF: 437543.1/2

In: 94.703 $\pm$ 0.087 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 108.371 $\pm$ 0.085 χ^2 /NDF: 437543.1/2

asym_us_dd_atlr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

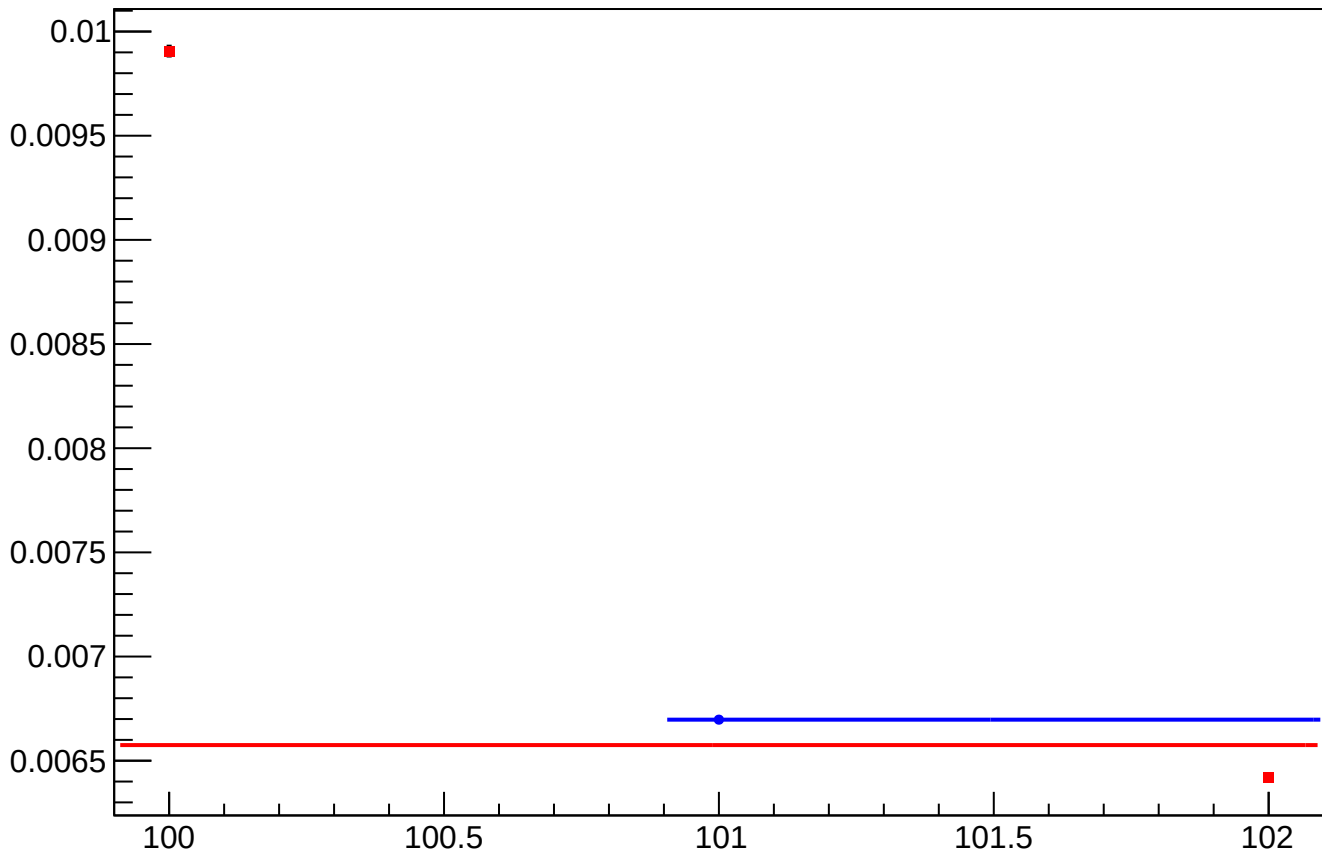
Right: -0.000+/-0.000 χ^2/NDF : 5.6/2

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 : 5.6/2

asym_us_dd_atlr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.007 $\pm$ 0.000 χ^2 /NDF: 17152.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

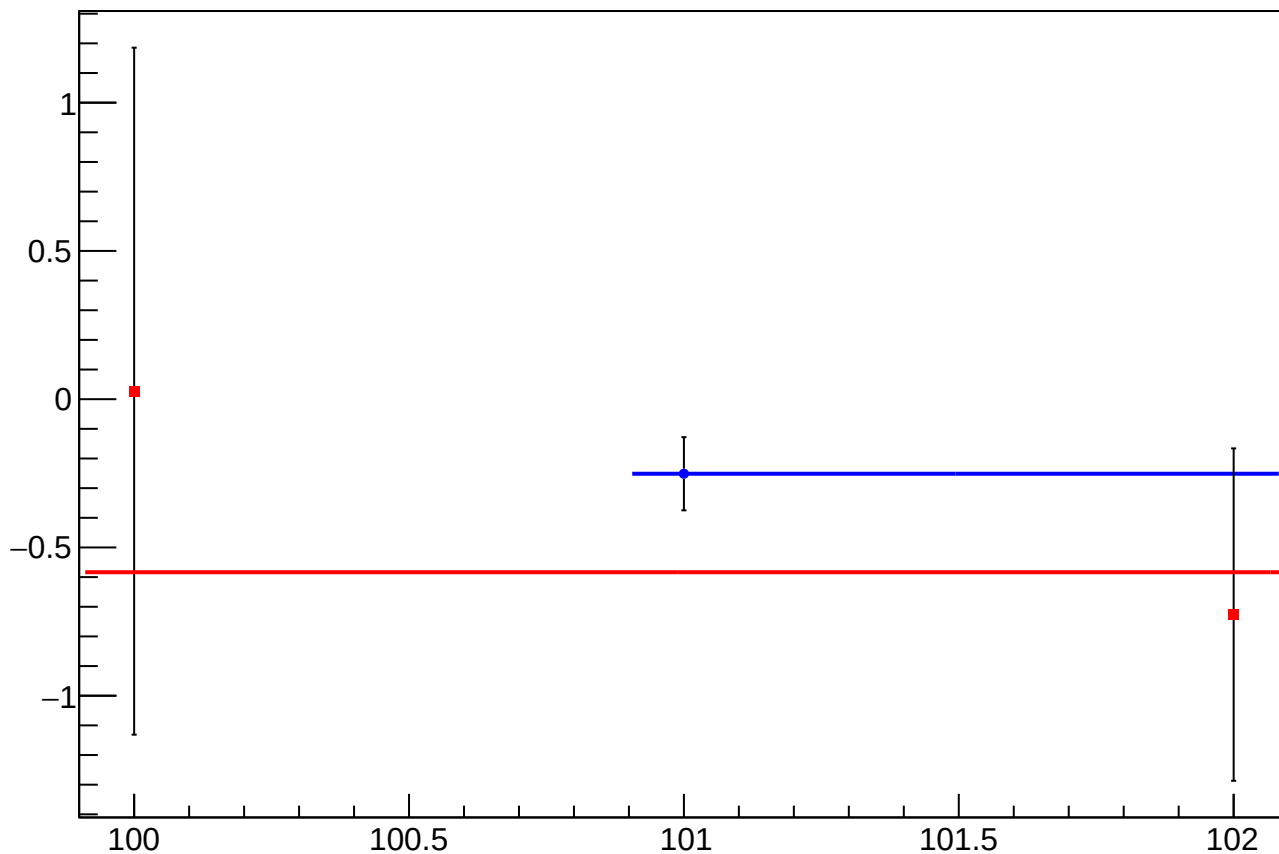
Right: 0.007 $\pm$ 0.000 χ^2 /NDF: 17383.5/2

In: 0.007 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.000 χ^2 /NDF: 17383.5/2

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.251 $\pm$ 0.123 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.583 $\pm$ 0.505 χ^2 /NDF: 0.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

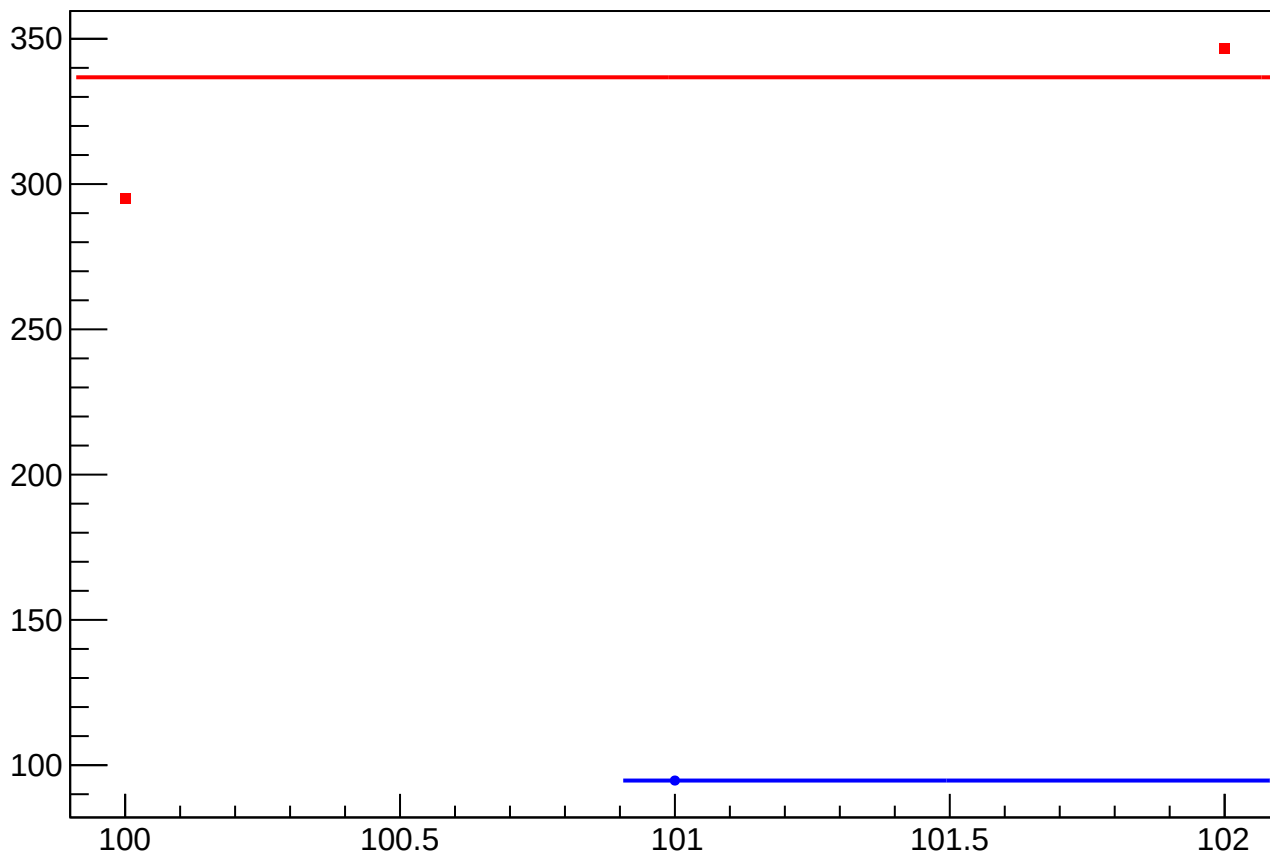
Right: -0.270 $\pm$ 0.120 χ^2 /NDF: 0.8/2

In: -0.251 $\pm$ 0.123 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.270 $\pm$ 0.120 χ^2 /NDF: 0.8/2

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 94.705+/-0.087 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 336.753+/-0.357 χ^2/NDF : 3222.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

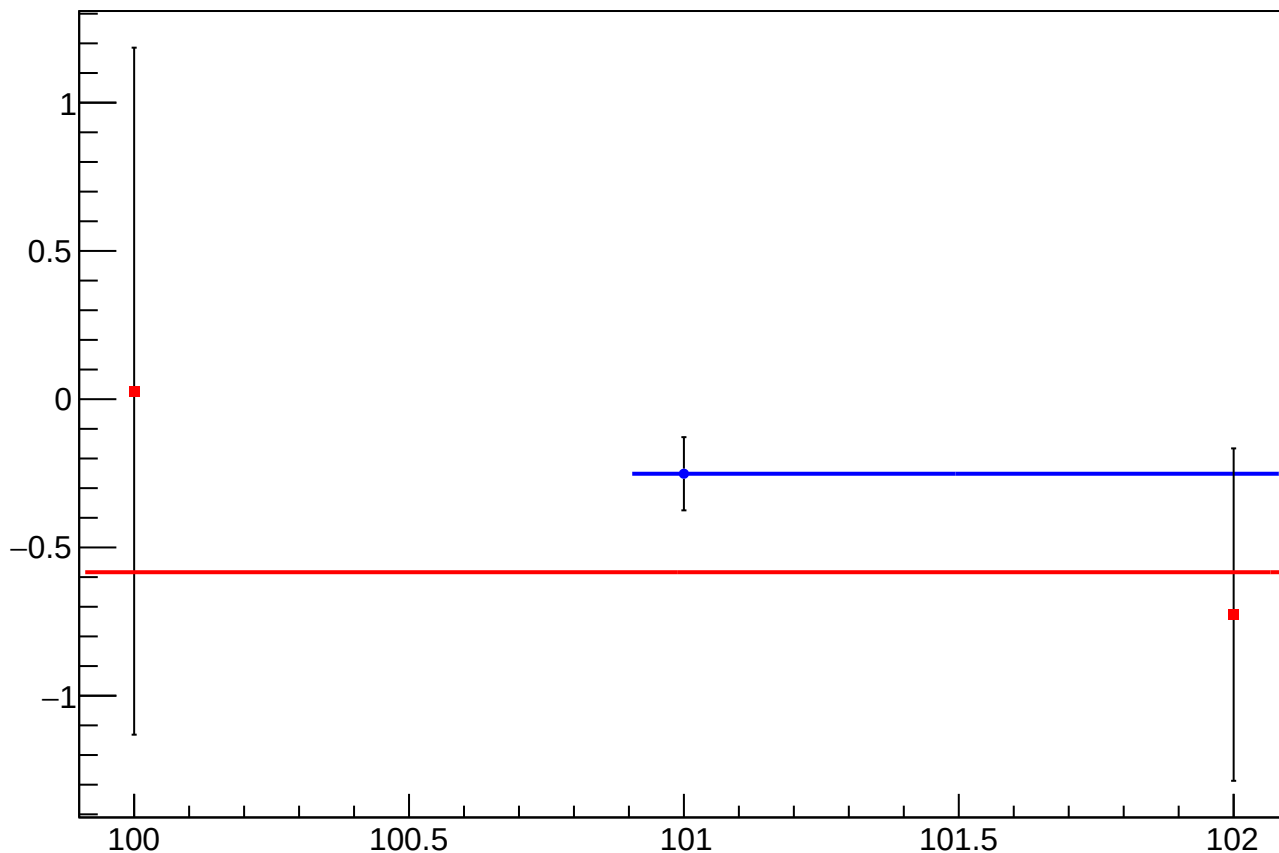
Right: 108.373+/-0.085 χ^2/NDF : 437538.6/2

In: 94.705+/-0.087 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.373+/-0.085 χ^2/NDF : 437538.6/2

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.251 $\pm$ 0.123 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.583 $\pm$ 0.505 χ^2/NDF : 0.3/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

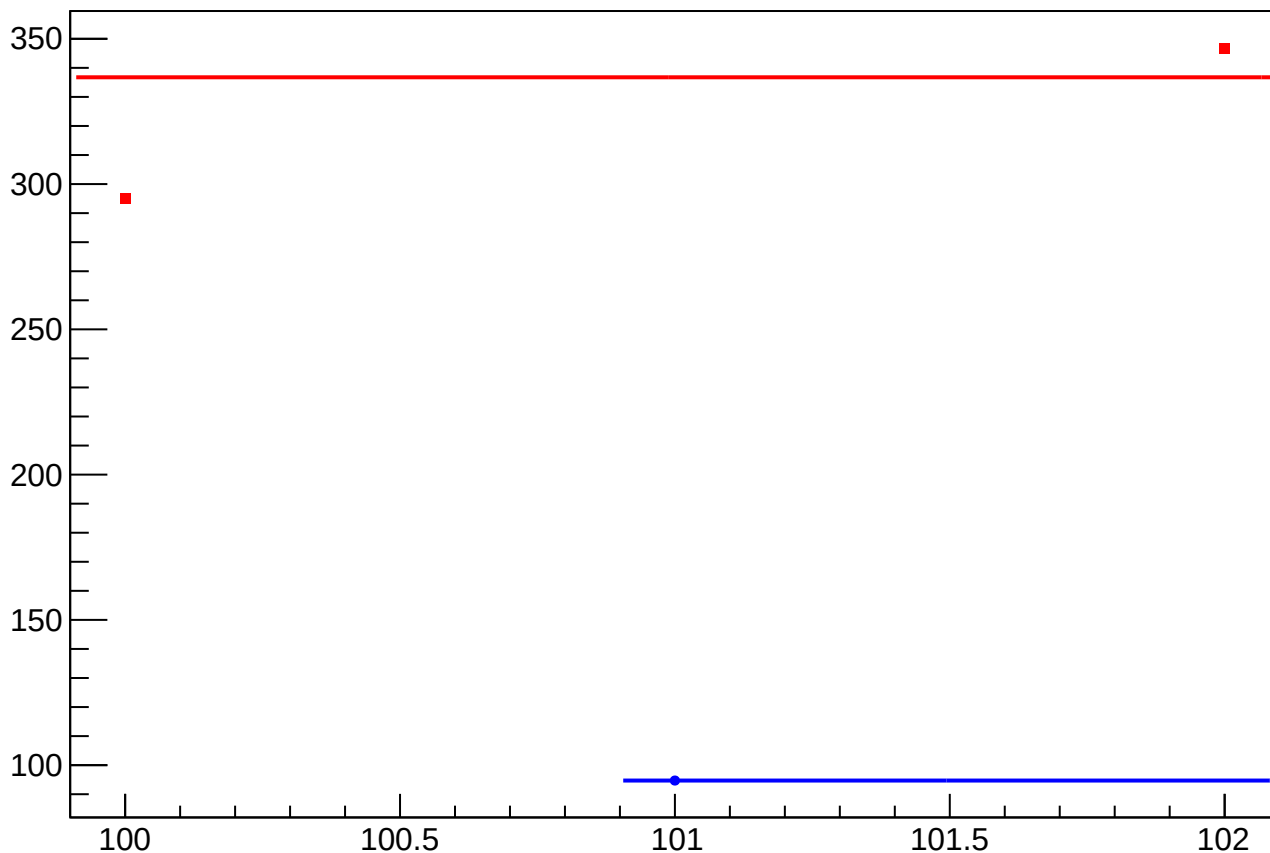
Right: -0.270 $\pm$ 0.120 χ^2/NDF : 0.8/2

In: -0.251 $\pm$ 0.123 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.270 $\pm$ 0.120 χ^2/NDF : 0.8/2

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 94.705 $\pm$ 0.087 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 336.753 $\pm$ 0.357 χ^2 /NDF: 3222.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

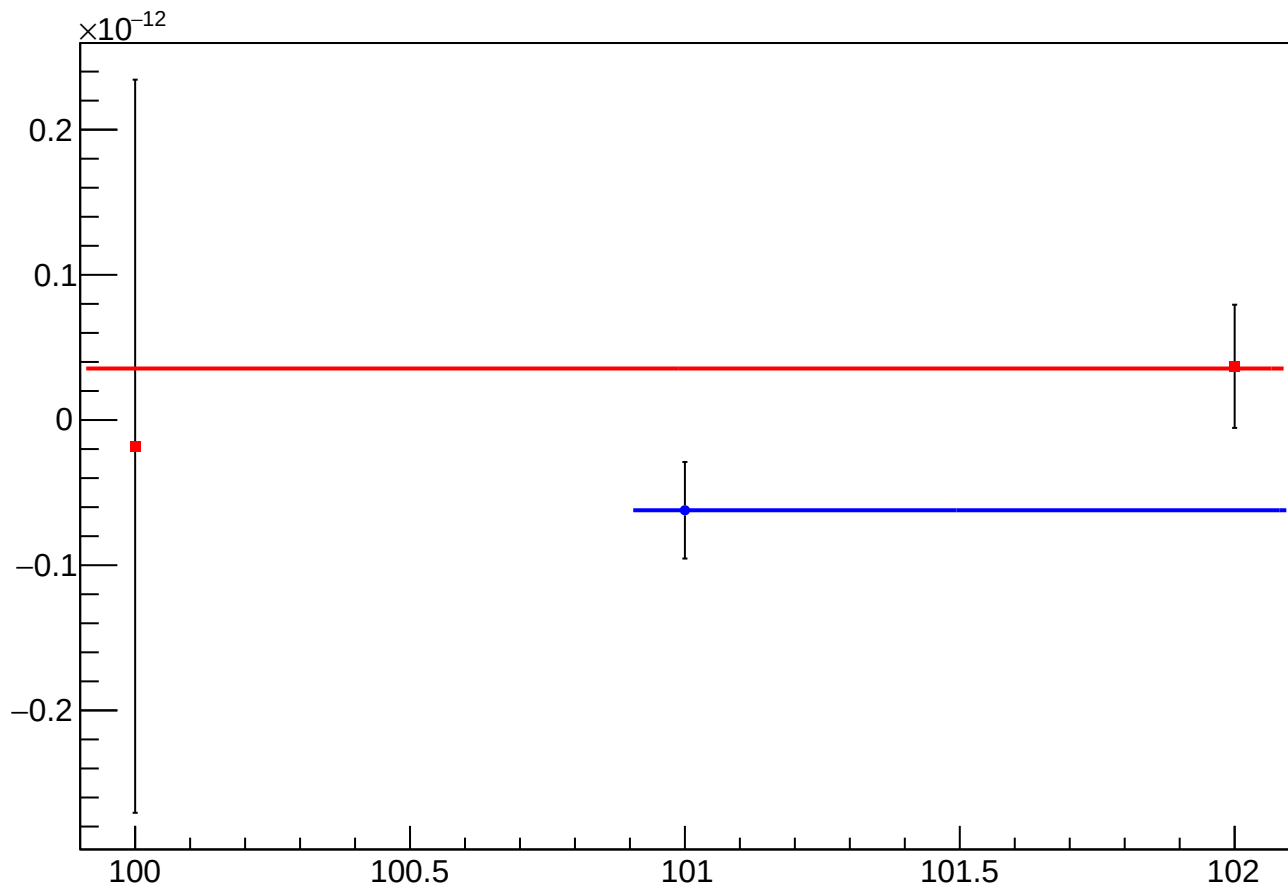
Right: 108.373 $\pm$ 0.085 χ^2 /NDF: 437538.6/2

In: 94.705 $\pm$ 0.087 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 108.373 $\pm$ 0.085 χ^2 /NDF: 437538.6/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

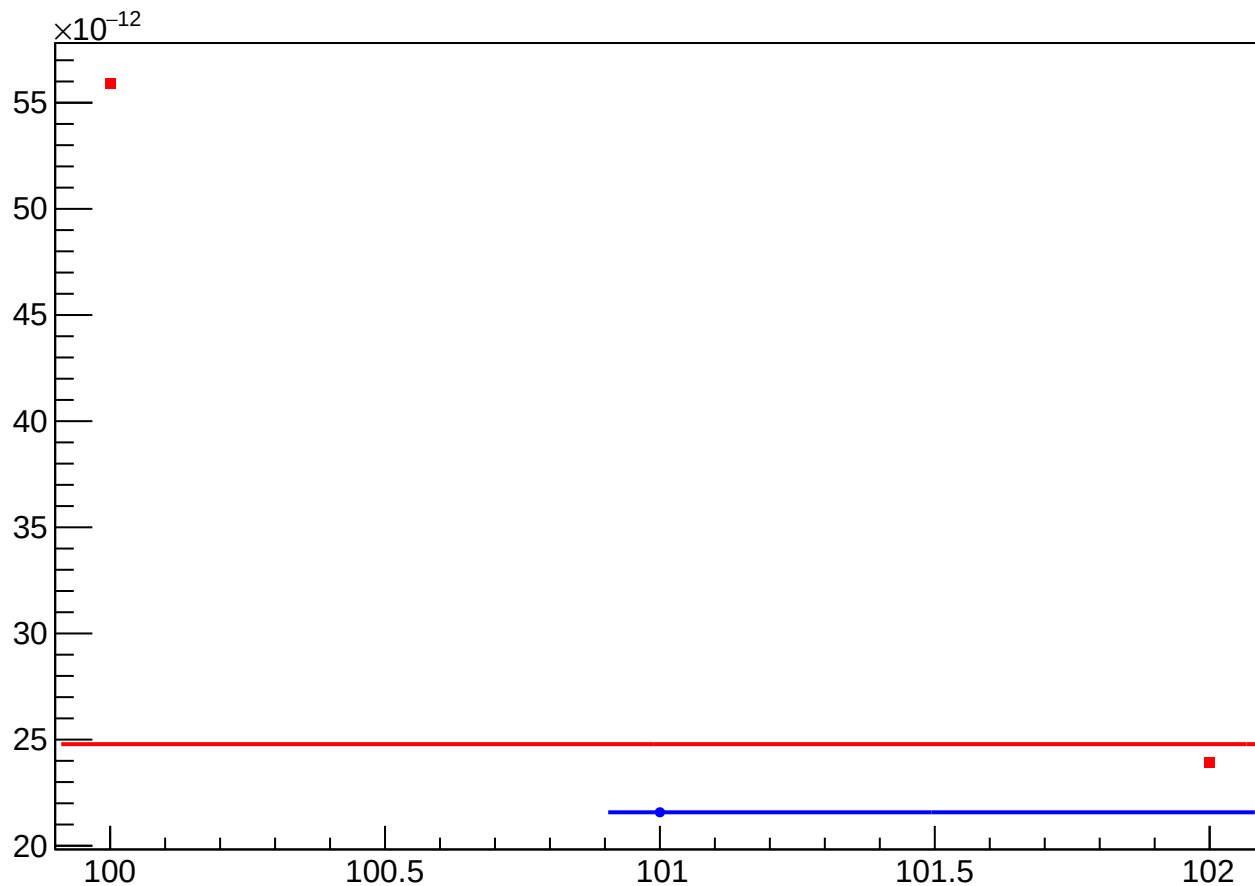
Right: -0.000+/-0.000 χ^2/NDF : 3.4/2

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 : 3.4/2

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 : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 31245.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

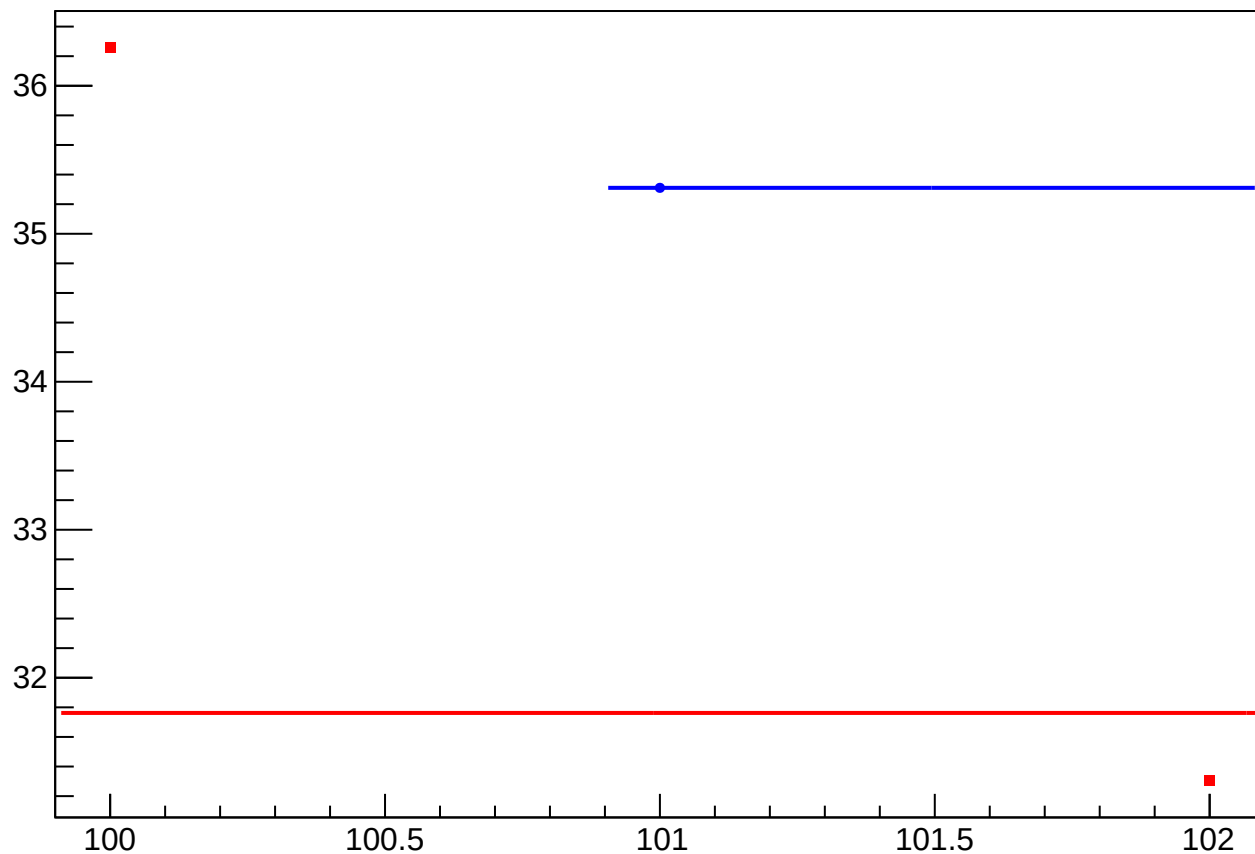
Right: 0.000+/-0.000 χ^2/NDF : 38457.2/2

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 : 38457.2/2

yield_usl_mean vs Slug, Sign Corrected



Right In: 35.310 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 31.762 $\pm$ 0.000 χ^2 /NDF: 57638229.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

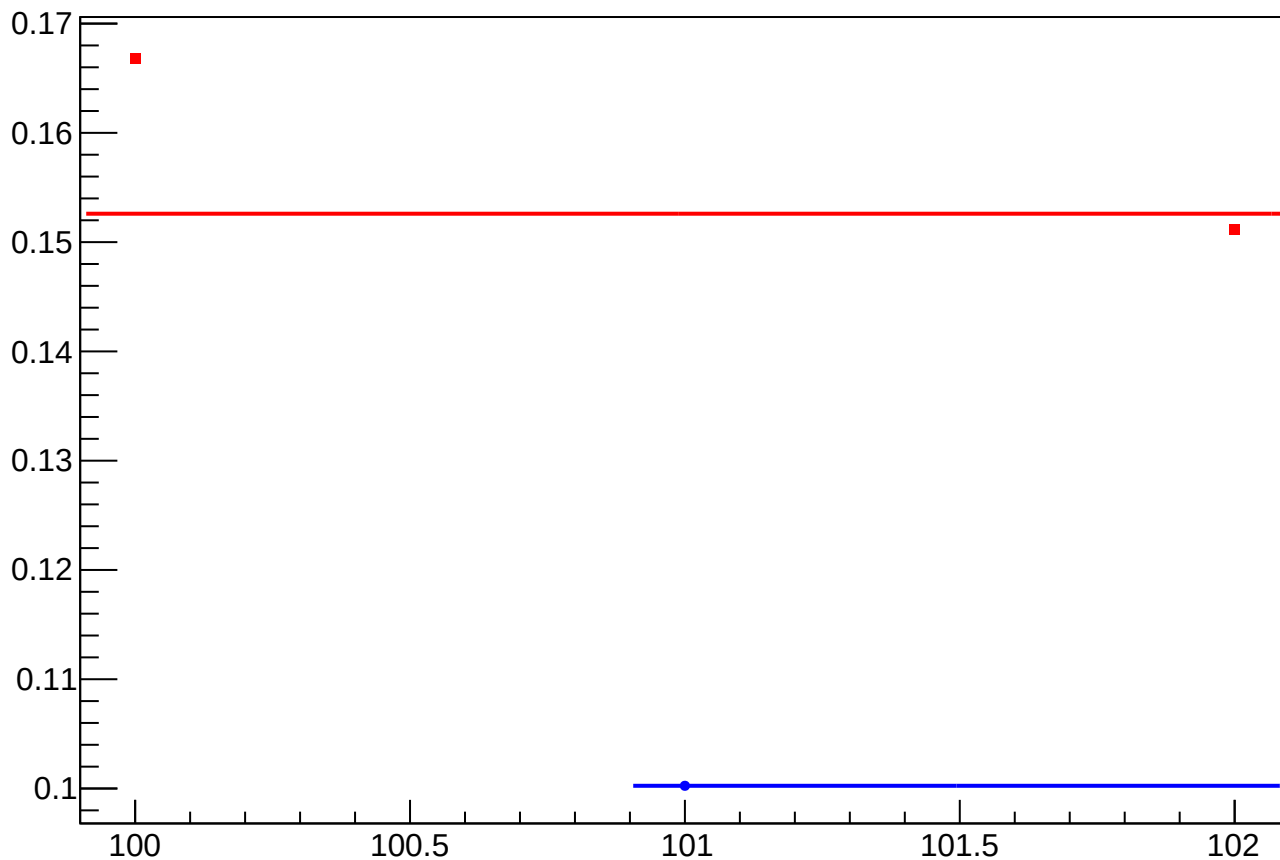
Right: 34.162 $\pm$ 0.000 χ^2 /NDF: 295840586.8/2

In: 35.310 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.162 $\pm$ 0.000 χ^2 /NDF: 295840586.8/2

yield_usl_rms vs Slug, Sign Corrected



Right In: 0.100+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.153+/-0.000 χ^2/NDF : 1151.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

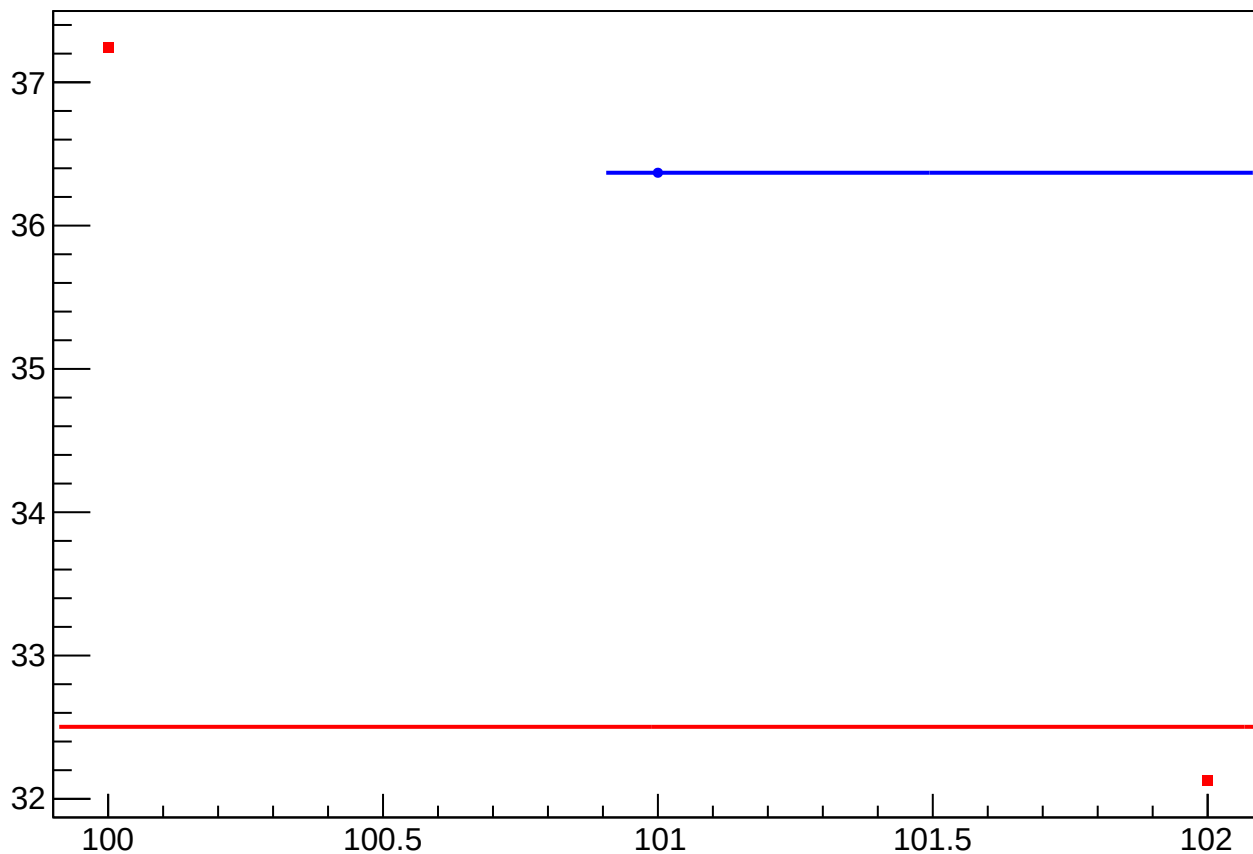
Right: 0.117+/-0.000 χ^2/NDF : 104862.9/2

In: 0.100+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.117+/-0.000 χ^2/NDF : 104862.9/2

yield_usr_mean vs Slug, Sign Corrected



Right In: 36.369+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 32.503+/-0.000 χ^2 /NDF: 39557900.9/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

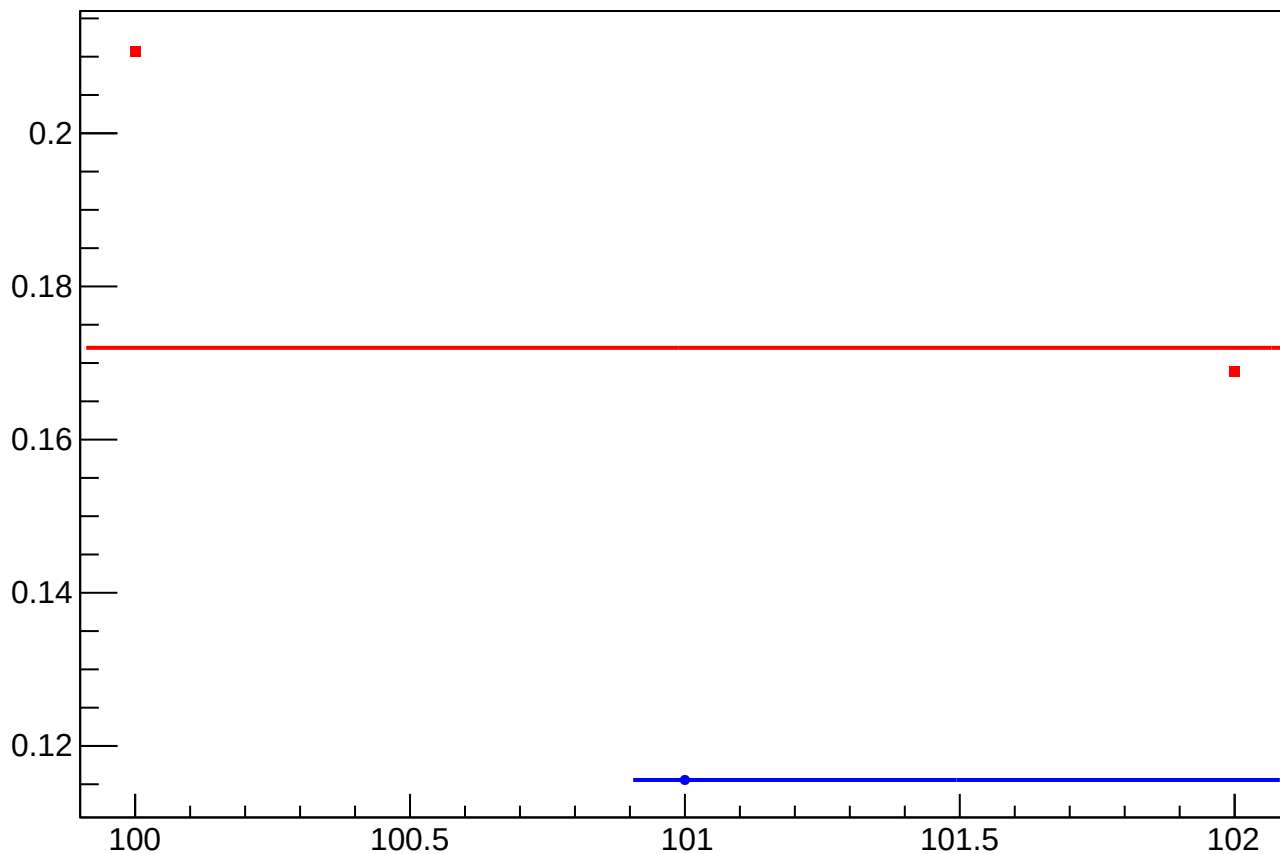
Right: 35.062+/-0.000 χ^2 /NDF: 258996393.0/2

In: 36.369+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 35.062+/-0.000 χ^2 /NDF: 258996393.0/2

yield_usr_rms vs Slug, Sign Corrected



Right In: 0.116+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.172+/-0.000 χ^2/NDF : 5260.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

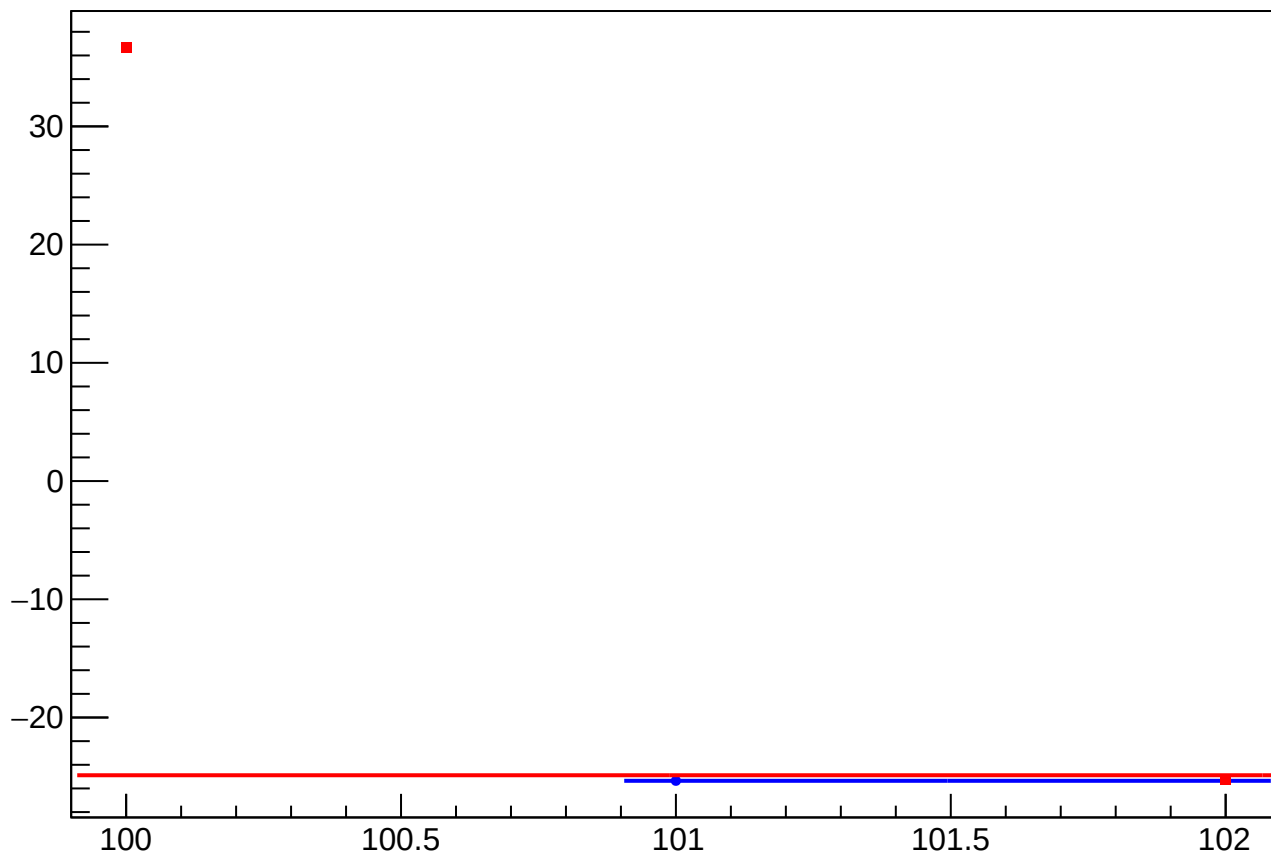
Right: 0.135+/-0.000 χ^2/NDF : 98757.6/2

In: 0.116+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.135+/-0.000 χ^2/NDF : 98757.6/2

yield_dsl_mean vs Slug, Sign Corrected



Right In: -25.354+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -24.885+/-0.000 χ^2/NDF : 8663107613.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

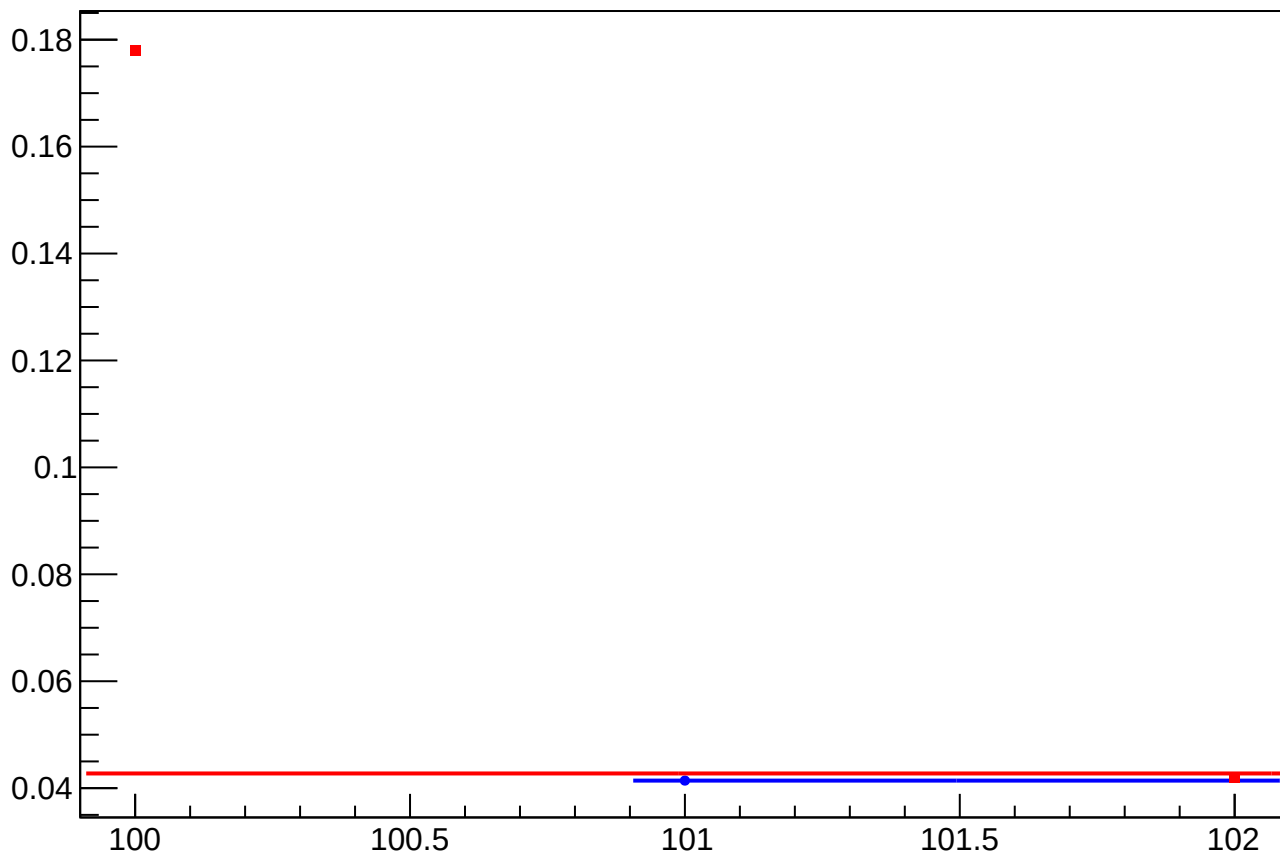
Right: -25.122+/-0.000 χ^2/NDF : 8704189110.3/2

In: -25.354+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.122+/-0.000 χ^2/NDF : 8704189110.3/3

yield_dsl_rms vs Slug, Sign Corrected



Right In: 0.041+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.043+/-0.000 χ^2/NDF : 83730.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

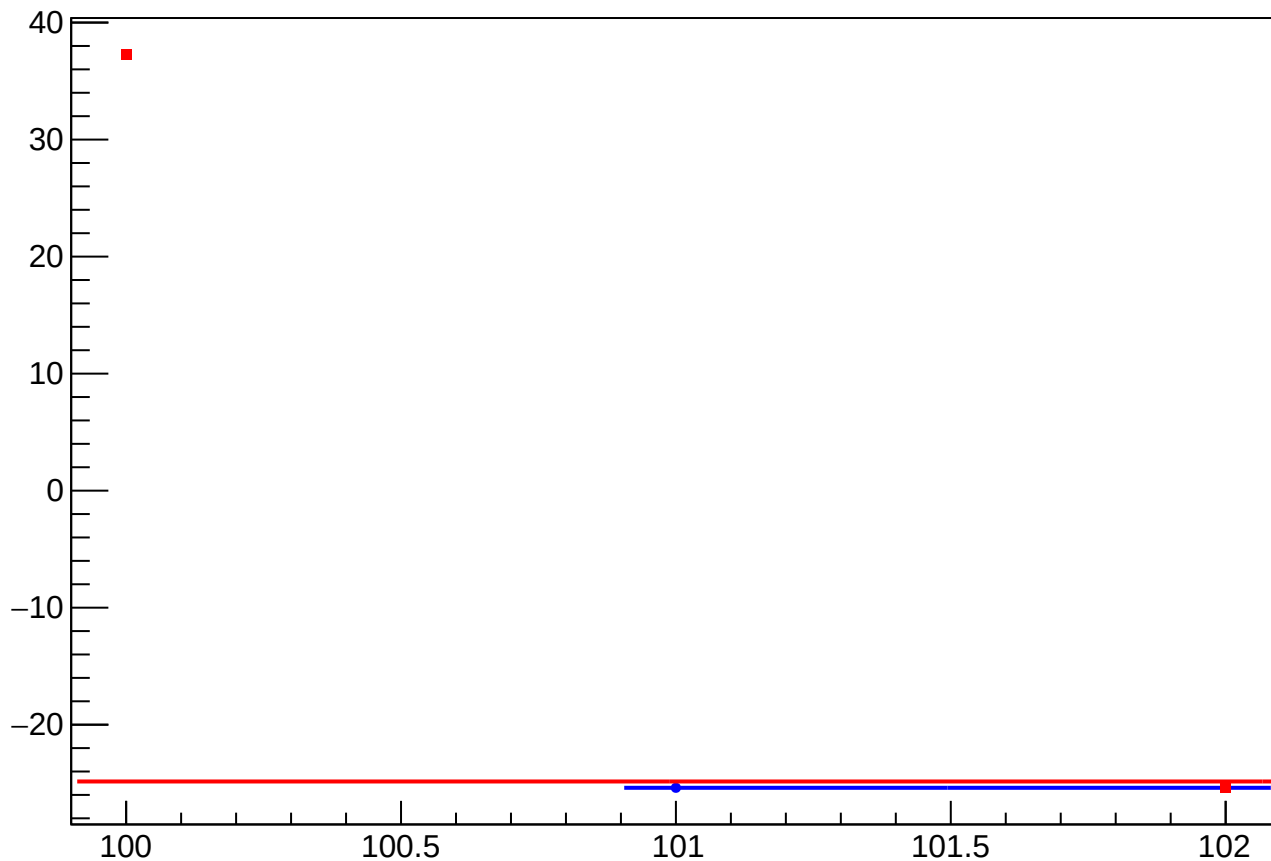
Right: 0.042+/-0.000 χ^2/NDF : 84397.0/2

In: 0.041+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.042+/-0.000 χ^2/NDF : 84397.0/2

yield_dsr_mean vs Slug, Sign Corrected



Right In: -25.392+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -24.852+/-0.000 χ^2/NDF : 6252809386.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

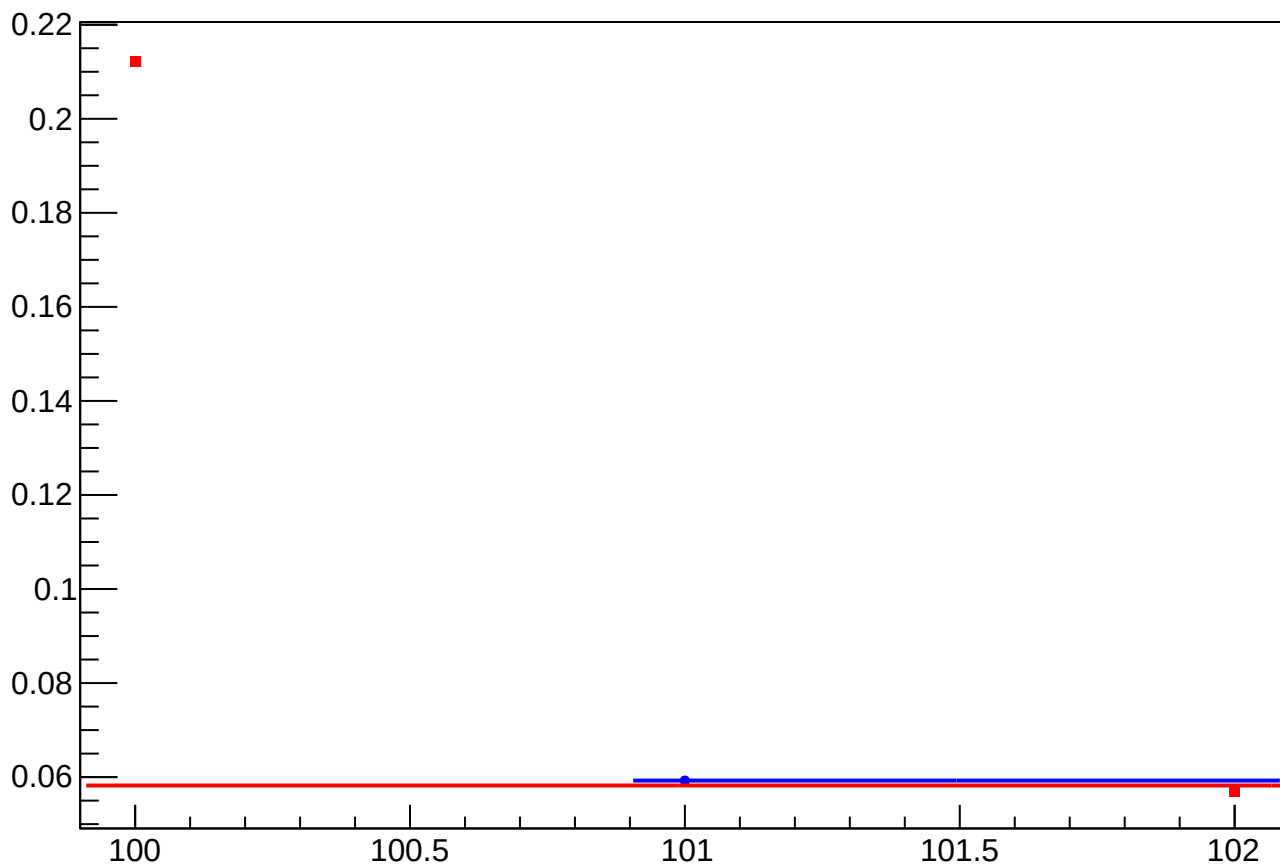
Right: -25.113+/-0.000 χ^2/NDF : 6280155717.8/2

In: -25.392+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.113+/-0.000 χ^2/NDF : 6280155717.8/3

yield_dsr_rms vs Slug, Sign Corrected



Right In: 0.059+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.058+/-0.000 χ^2/NDF : 76903.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

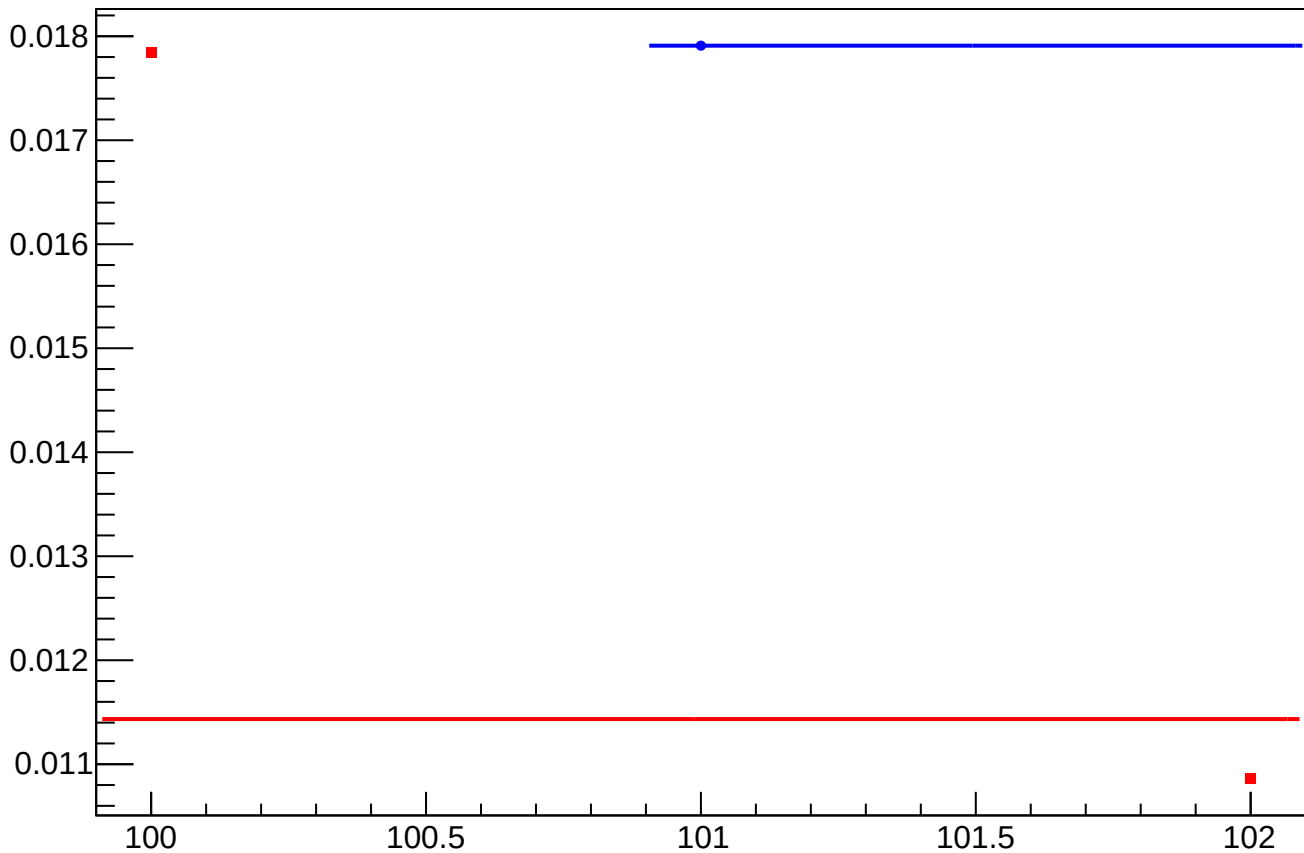
Right: 0.059+/-0.000 χ^2/NDF : 77110.0/2

In: 0.059+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.059+/-0.000 χ^2/NDF : 77110.0/2

yield_atl1_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 626489089.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

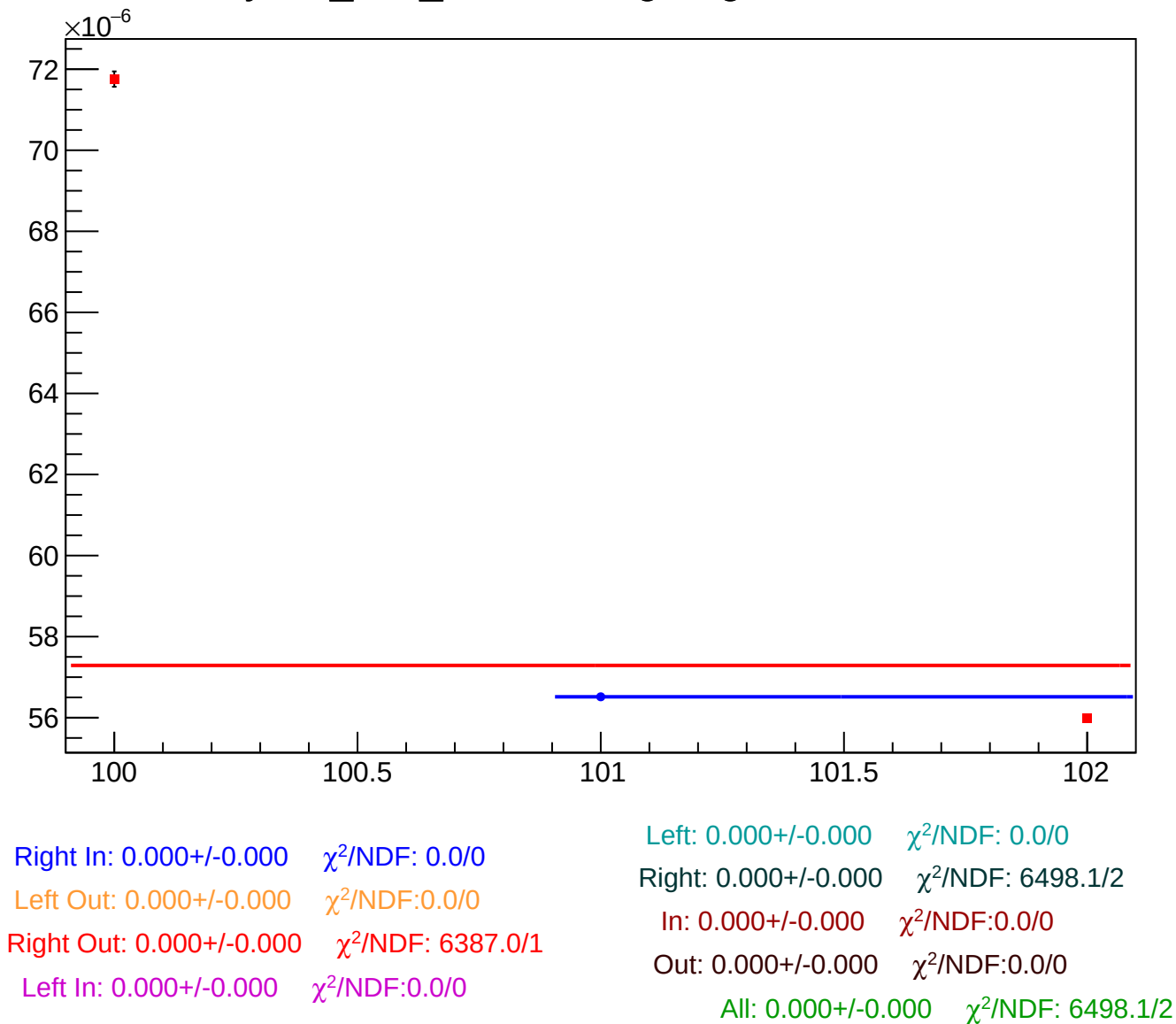
Right: 0.015+/-0.000 χ^2/NDF : 4508089140.6/2

In: 0.018+/-0.000 χ^2/NDF : 0.0/0

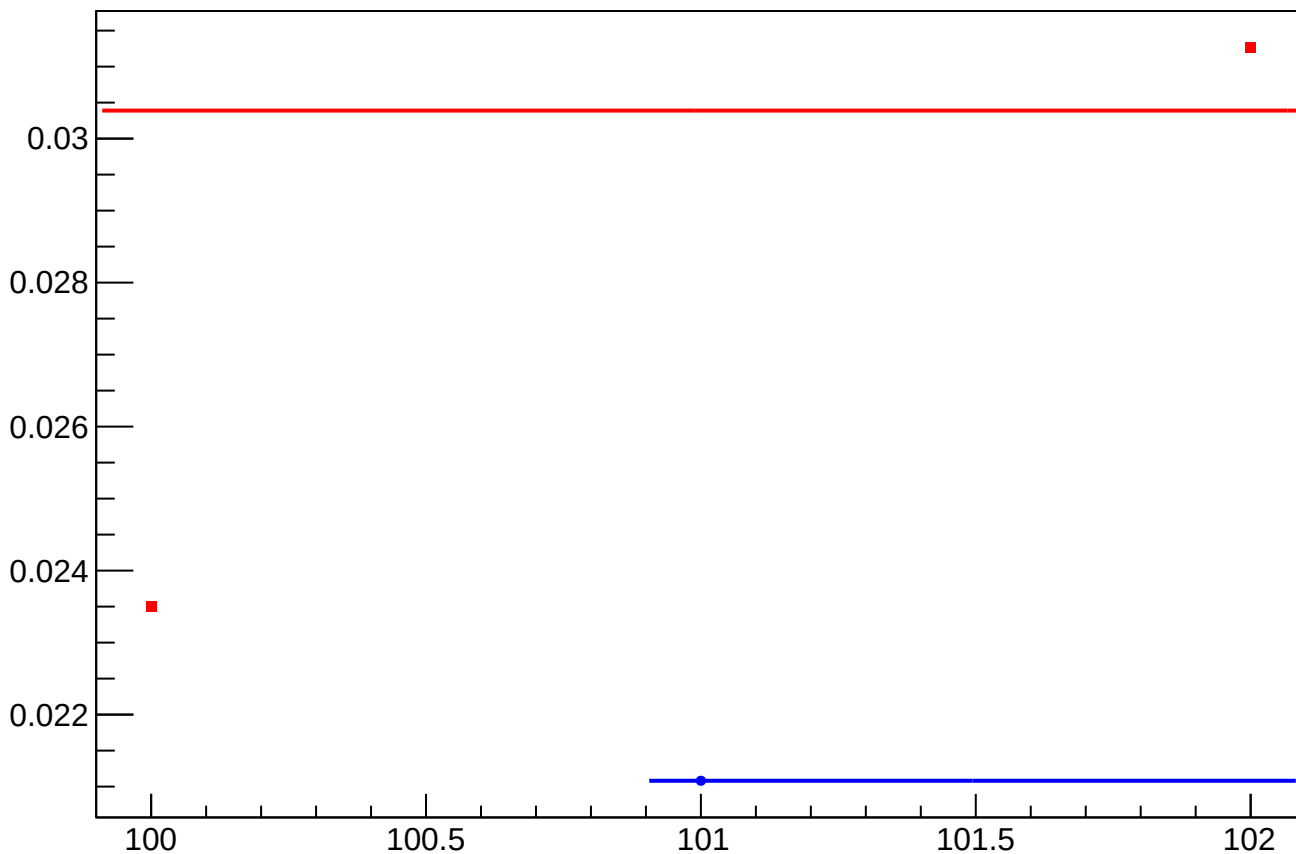
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 4508089140.6/2

yield_atl1_rms vs Slug, Sign Corrected



yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.030+/-0.000 χ^2/NDF : 11906959.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

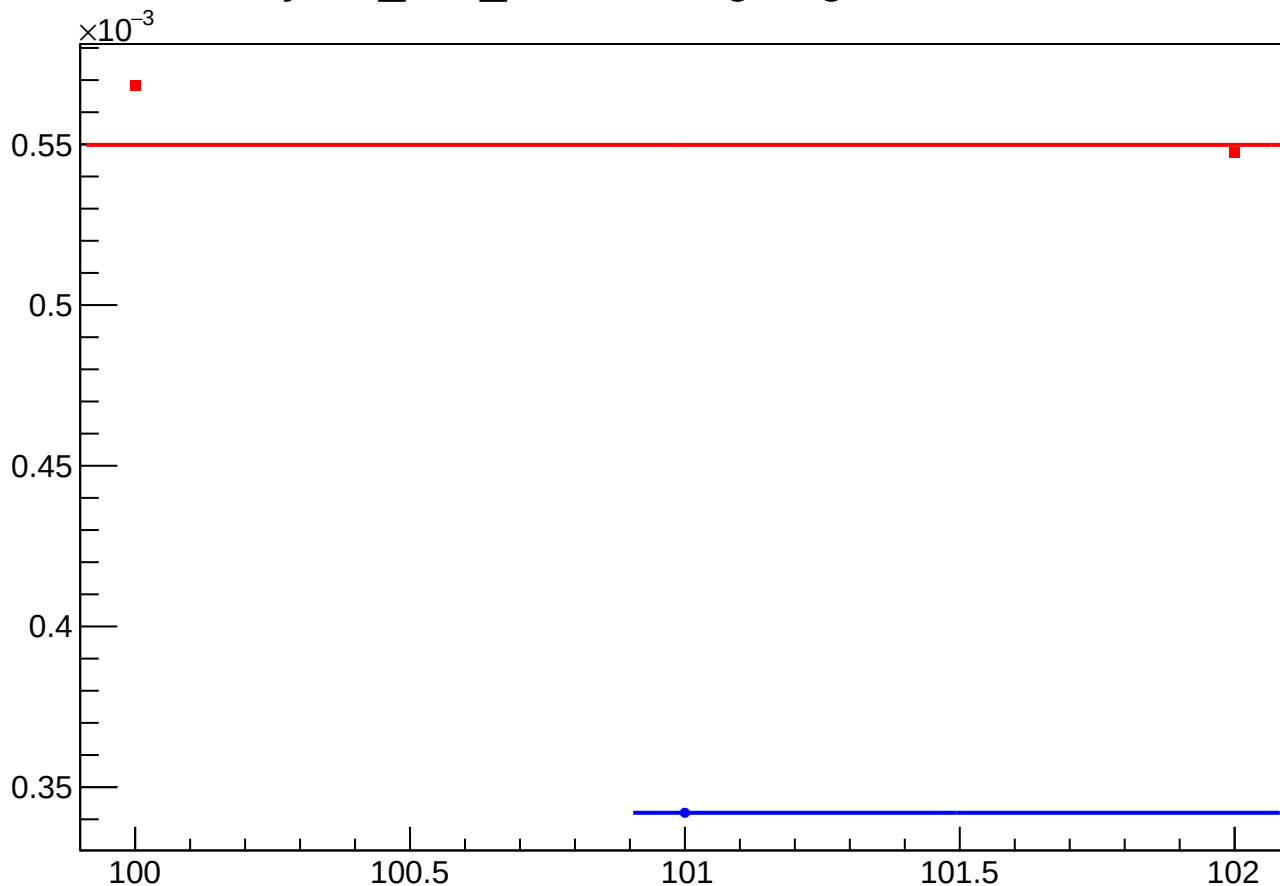
Right: 0.024+/-0.000 χ^2/NDF : 134910696.2/2

In: 0.021+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 134910696.2/2

yield_atl2_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: 0.001+/-0.000 χ^2/NDF : 171.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

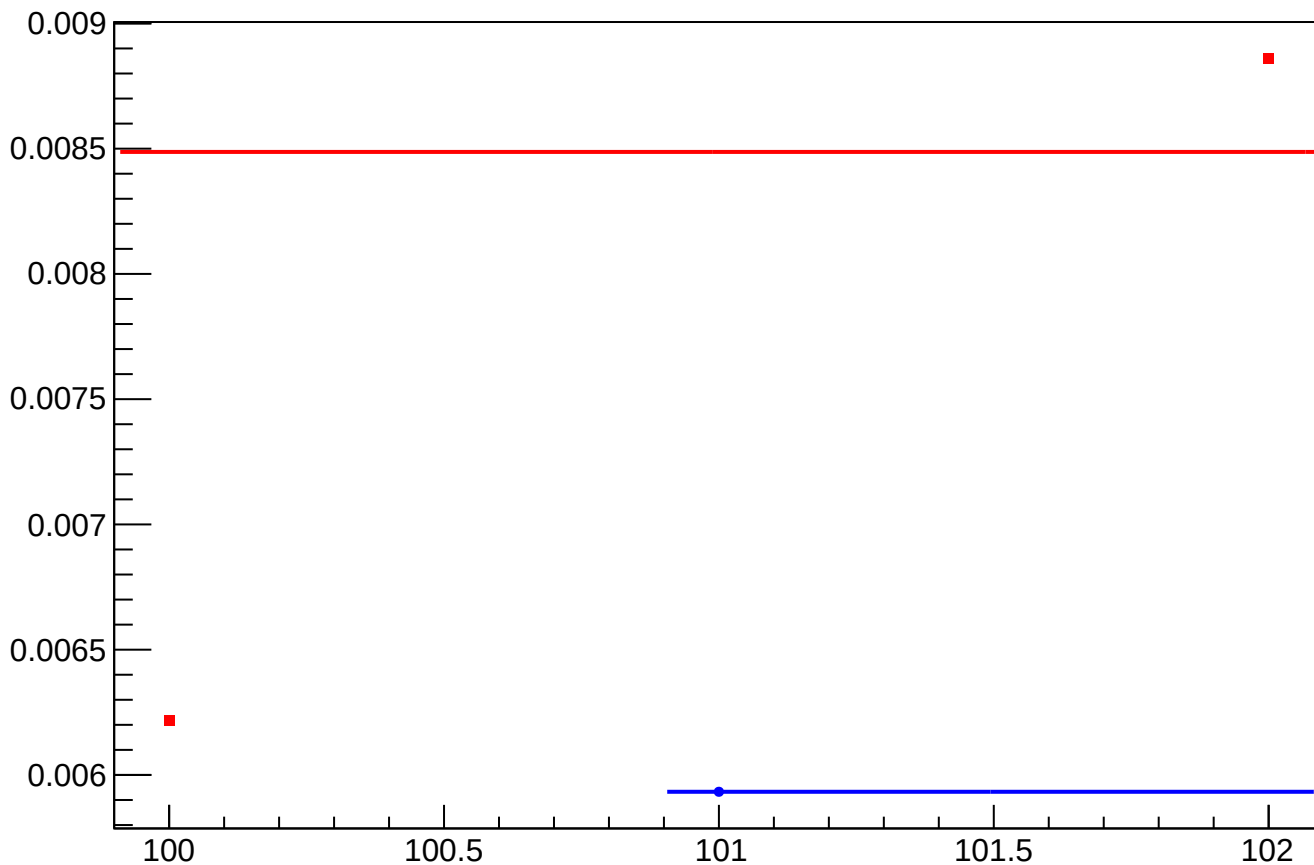
Right: 0.000+/-0.000 χ^2/NDF : 122794.0/2

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 : 122794.0/2

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 49979390.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

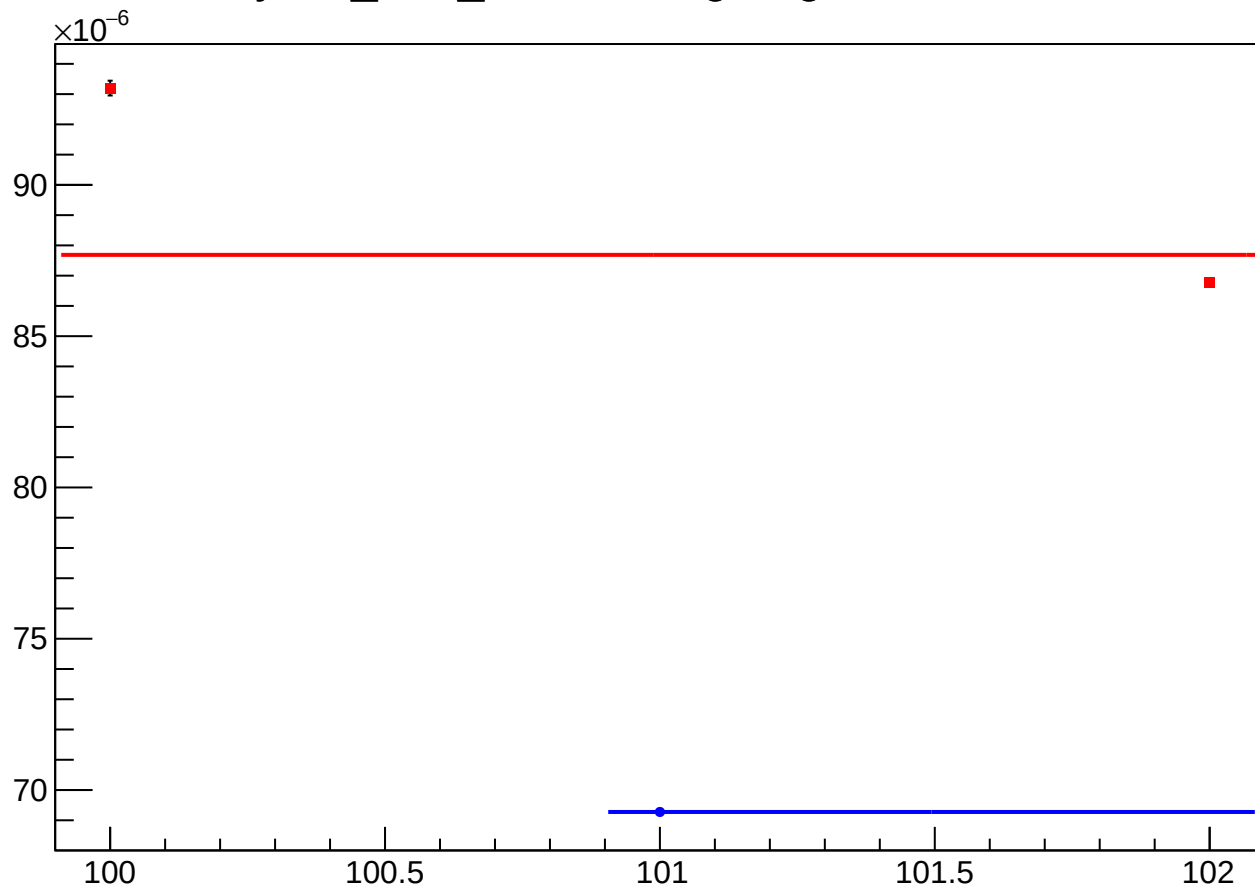
Right: 0.007+/-0.000 χ^2/NDF : 319317018.2/2

In: 0.006+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 319317018.2/2

yield_atr1_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 : 588.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

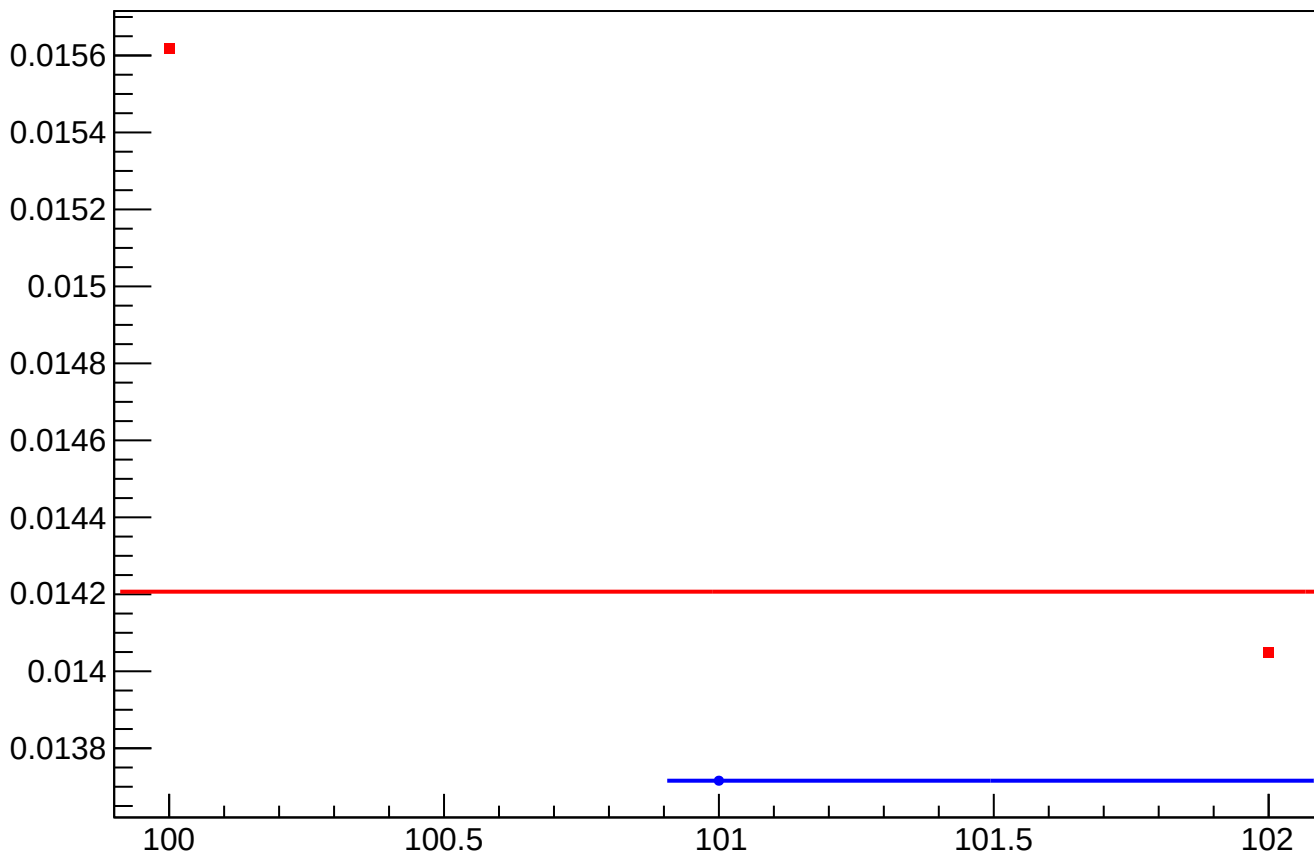
Right: 0.000+/-0.000 χ^2/NDF : 28581.5/2

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 : 28581.5/2

yield_atr2_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 1376208.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

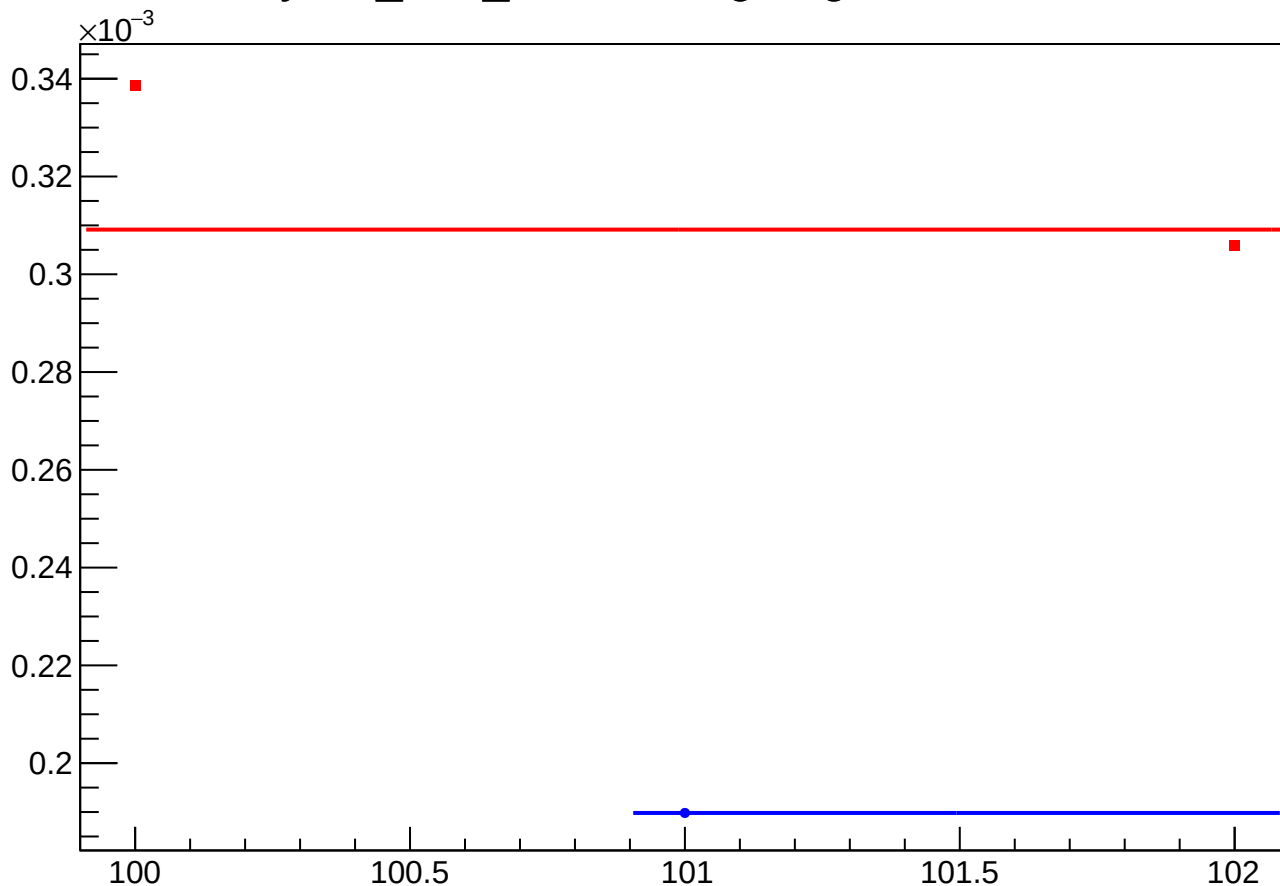
Right: 0.014+/-0.000 χ^2/NDF : 2466076.7/2

In: 0.014+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 2466076.7/2

yield_atr2_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 : 1206.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

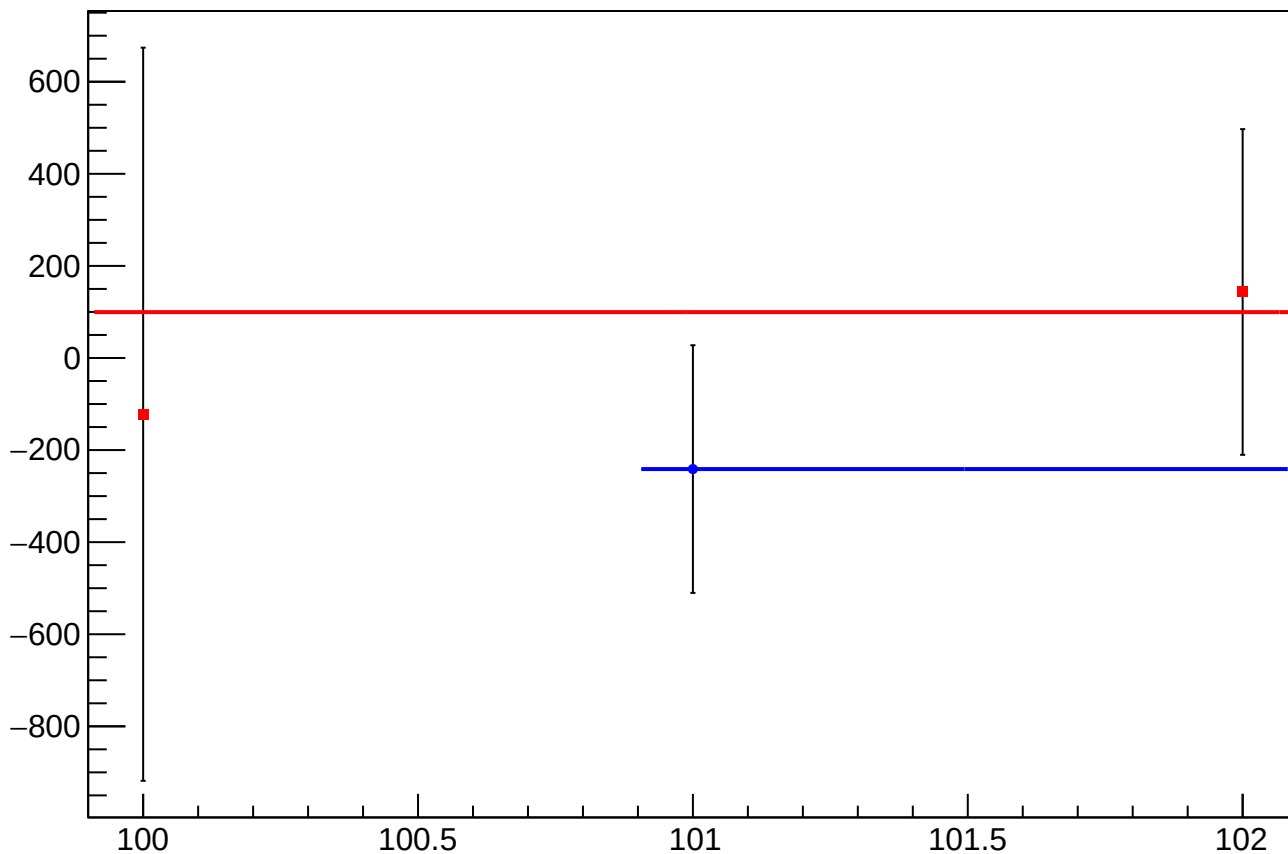
Right: 0.000+/-0.000 χ^2/NDF : 129873.6/2

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 : 129873.6/2

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -241.255+/-268.952 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.626+/-323.202 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

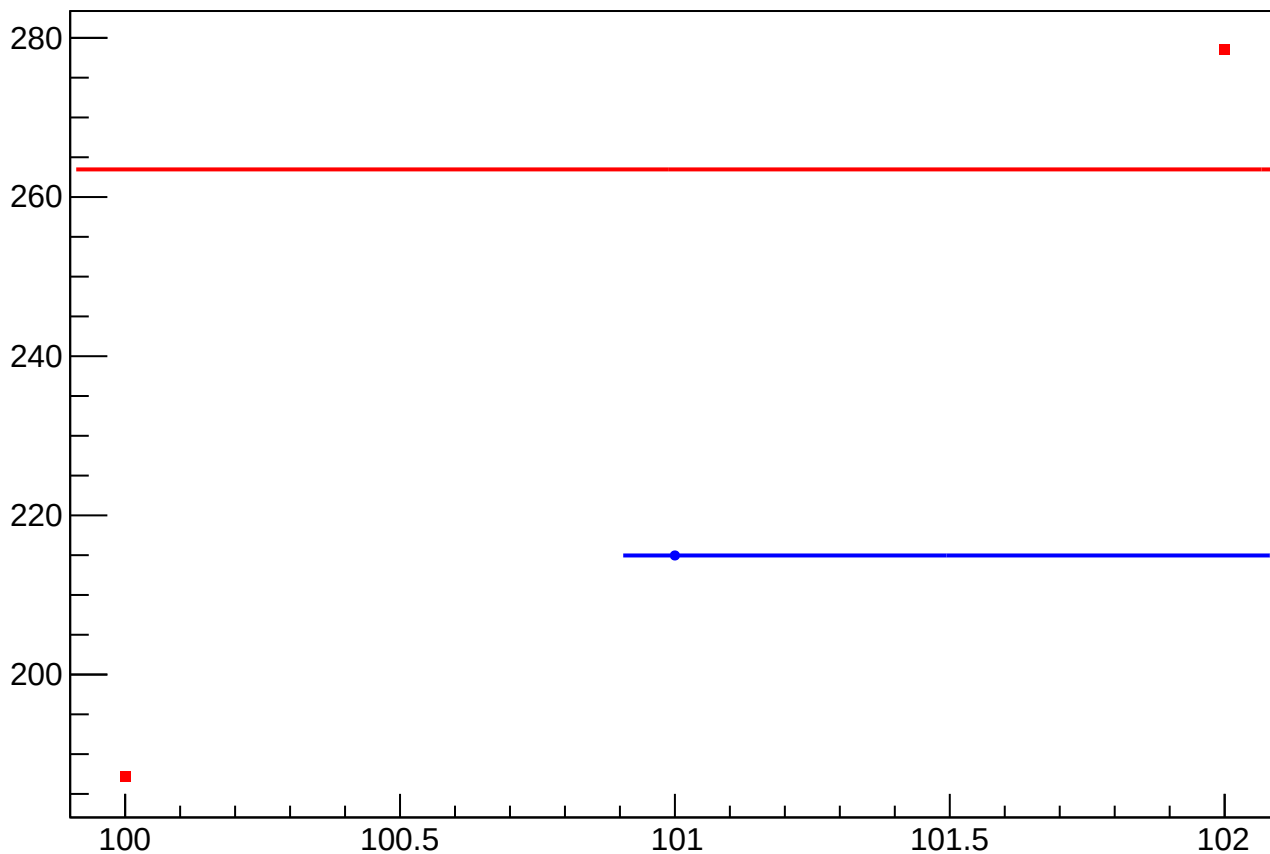
Right: -101.784+/-206.735 χ^2/NDF : 0.8/2

In: -241.255+/-268.952 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -101.784+/-206.735 χ^2/NDF : 0.8/2

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 214.962 $\pm$ 0.190 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 263.472 $\pm$ 0.229 χ^2 /NDF: 21970.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

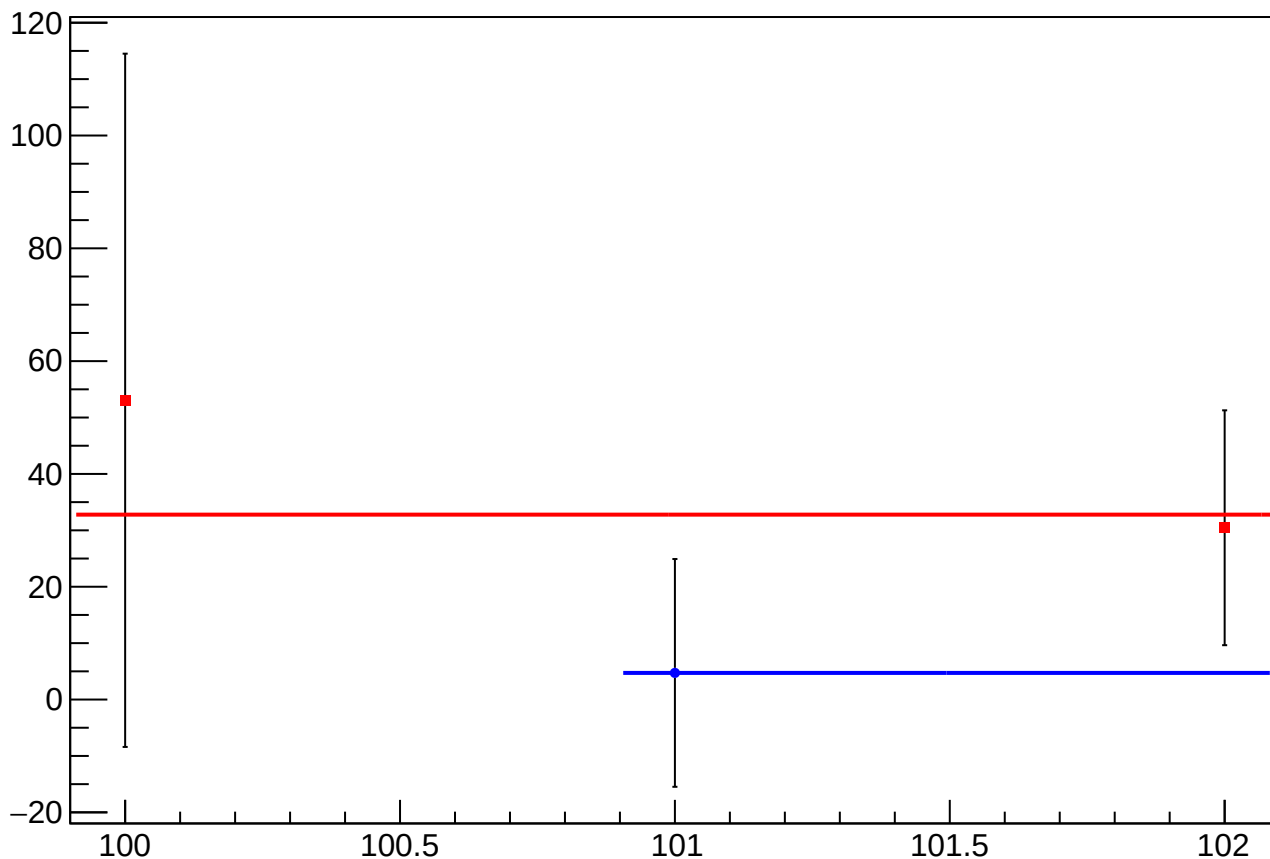
Right: 234.810 $\pm$ 0.146 χ^2 /NDF: 48591.5/2

In: 214.962 $\pm$ 0.190 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 234.810 $\pm$ 0.146 χ^2 /NDF: 48591.5/2

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 4.722+/-20.192 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.784+/-19.720 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

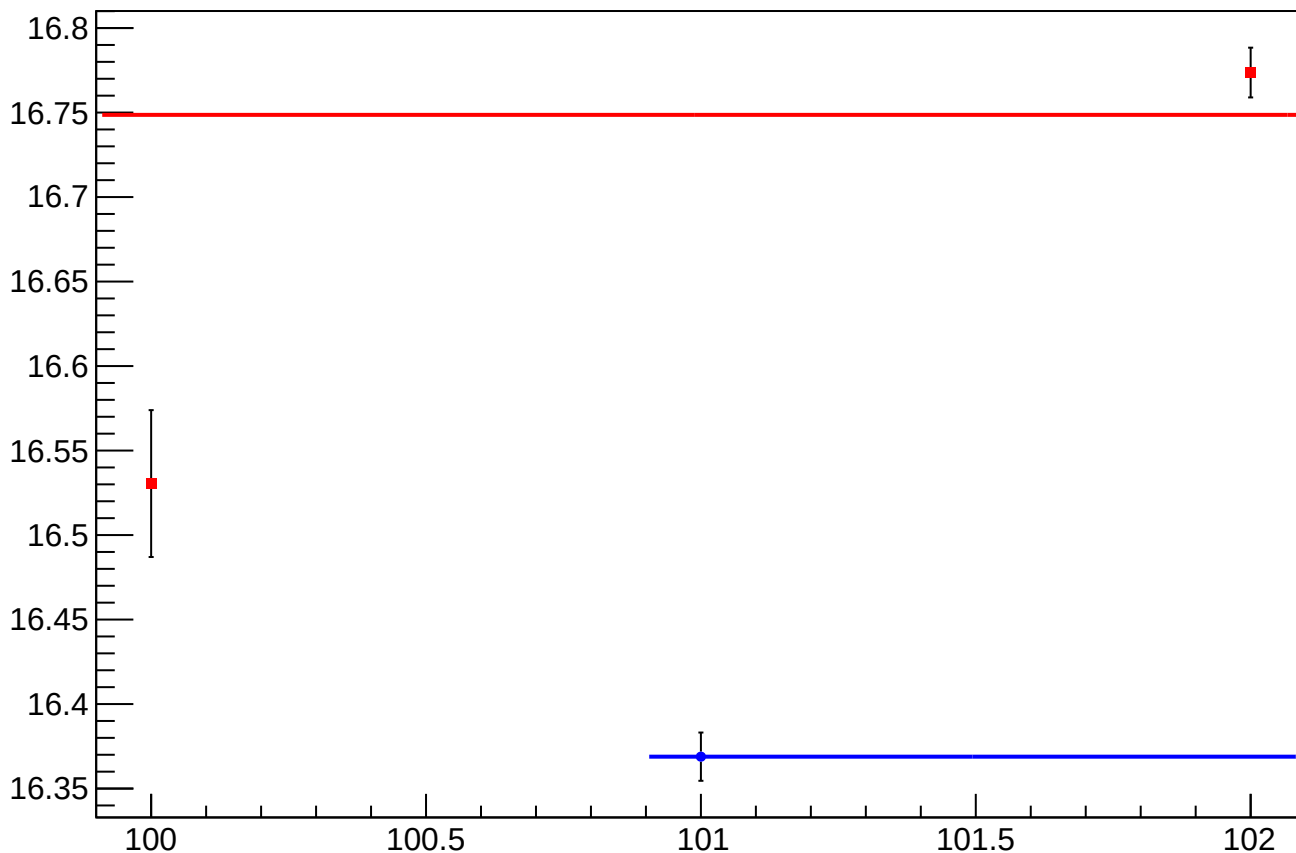
Right: 19.085+/-14.108 χ^2/NDF : 1.1/2

In: 4.722+/-20.192 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.085+/-14.108 χ^2/NDF : 1.1/2

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.369 $\pm$ 0.014 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.749 $\pm$ 0.014 χ^2 /NDF: 28.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

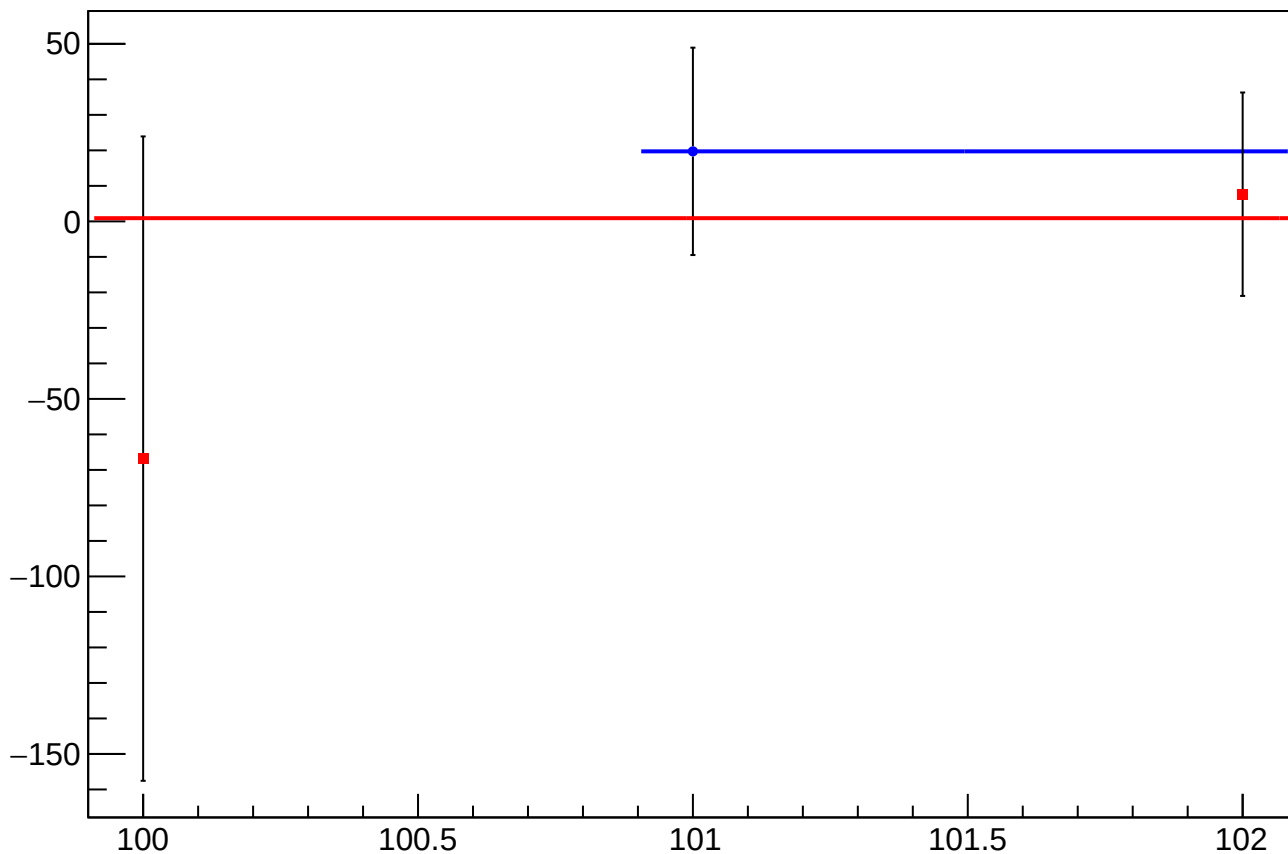
Right: 16.563 $\pm$ 0.010 χ^2 /NDF: 390.2/2

In: 16.369 $\pm$ 0.014 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.563 $\pm$ 0.010 χ^2 /NDF: 390.2/2

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 19.722 $\pm$ 29.202 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.902 $\pm$ 27.318 χ^2 /NDF: 0.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

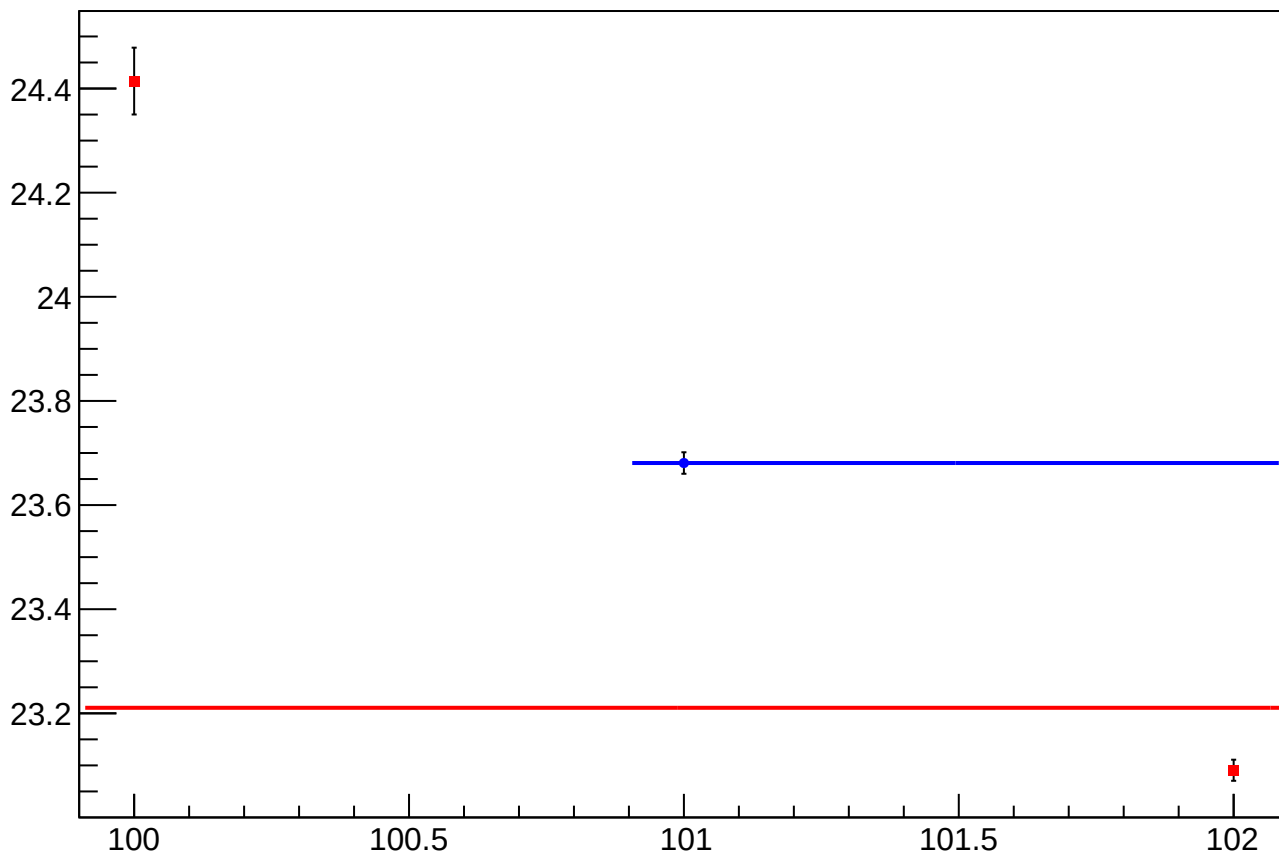
Right: 9.686 $\pm$ 19.949 χ^2 /NDF: 0.8/2

In: 19.722 $\pm$ 29.202 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.686 $\pm$ 19.949 χ^2 /NDF: 0.8/2

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 23.681+/-0.021 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 23.211+/-0.019 χ^2 /NDF: 387.0/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

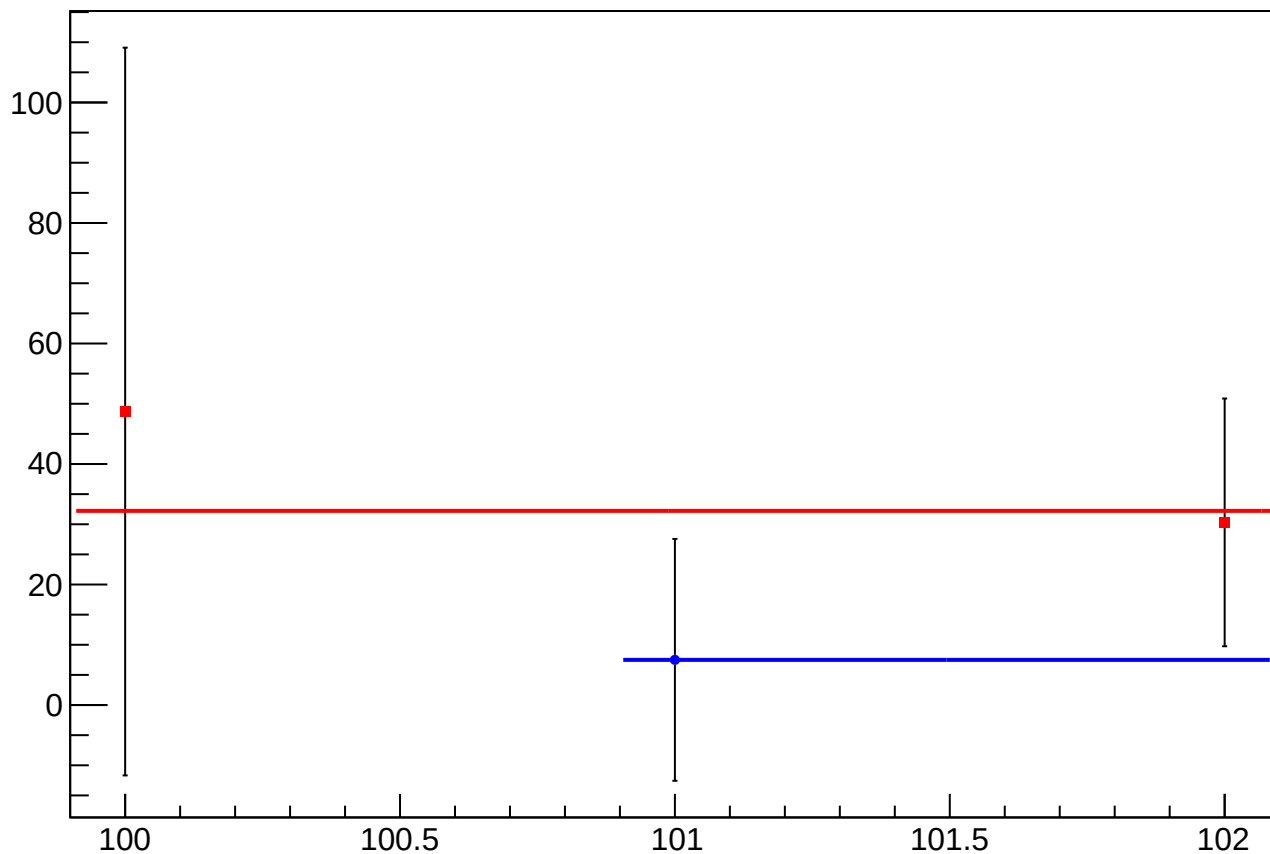
Right: 23.430+/-0.014 χ^2 /NDF: 663.4/2

In: 23.681+/-0.021 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 23.430+/-0.014 χ^2 /NDF: 663.4/2

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 7.497+/-20.069 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.224+/-19.459 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

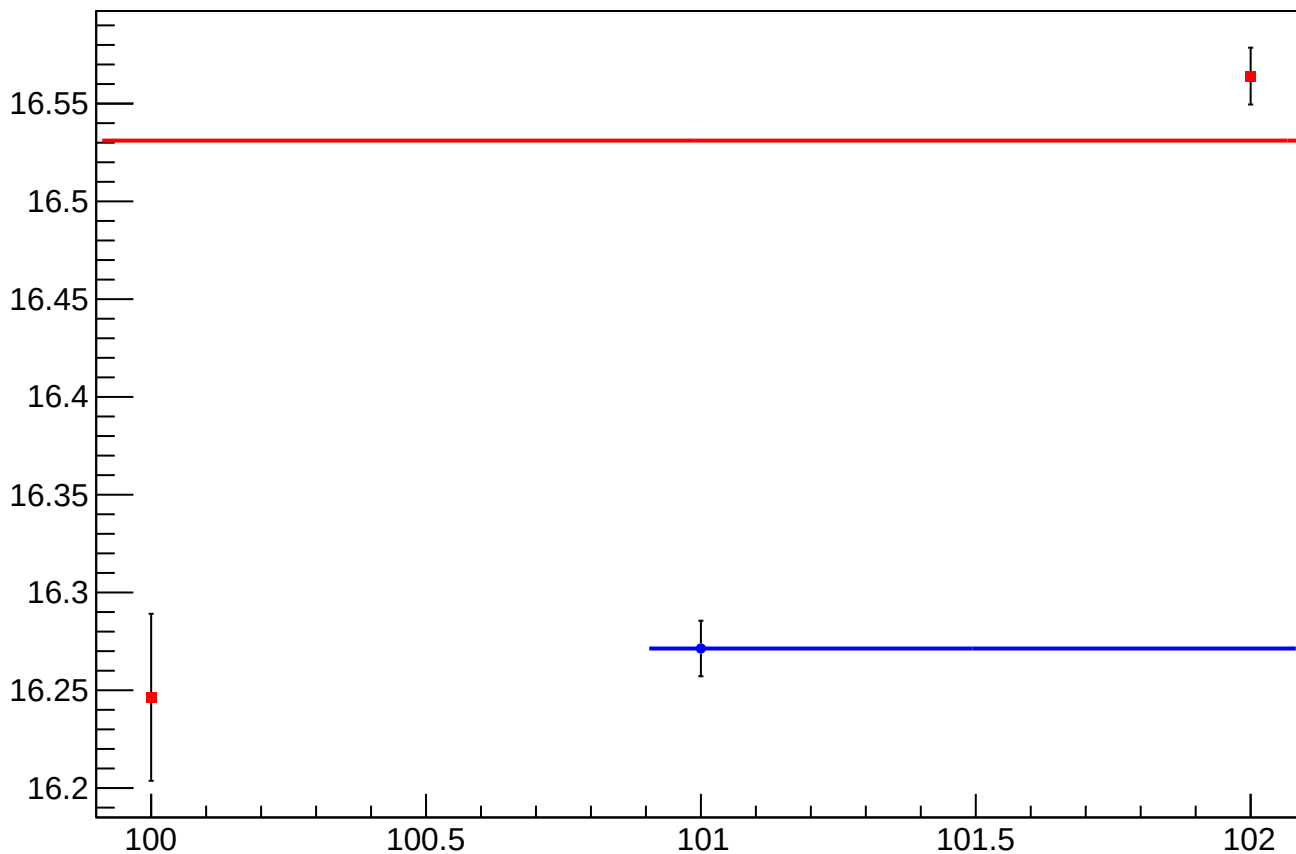
Right: 20.242+/-13.970 χ^2/NDF : 0.9/2

In: 7.497+/-20.069 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.242+/-13.970 χ^2/NDF : 0.9/2

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.271+/-0.014 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.531+/-0.014 χ^2/NDF : 49.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

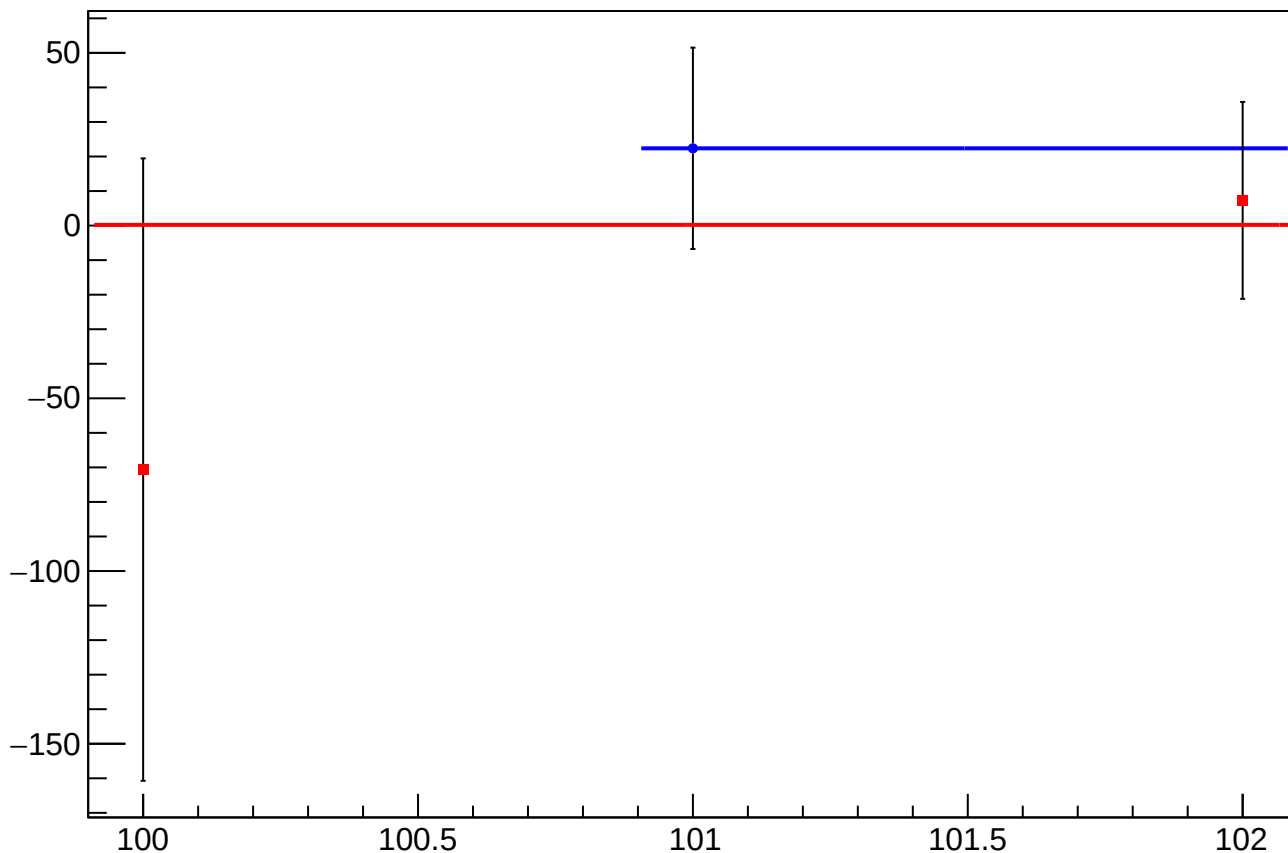
Right: 16.405+/-0.010 χ^2/NDF : 222.2/2

In: 16.271+/-0.014 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.405+/-0.010 χ^2/NDF : 222.2/2

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 22.369+/-29.139 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.209+/-27.173 χ^2/NDF : 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

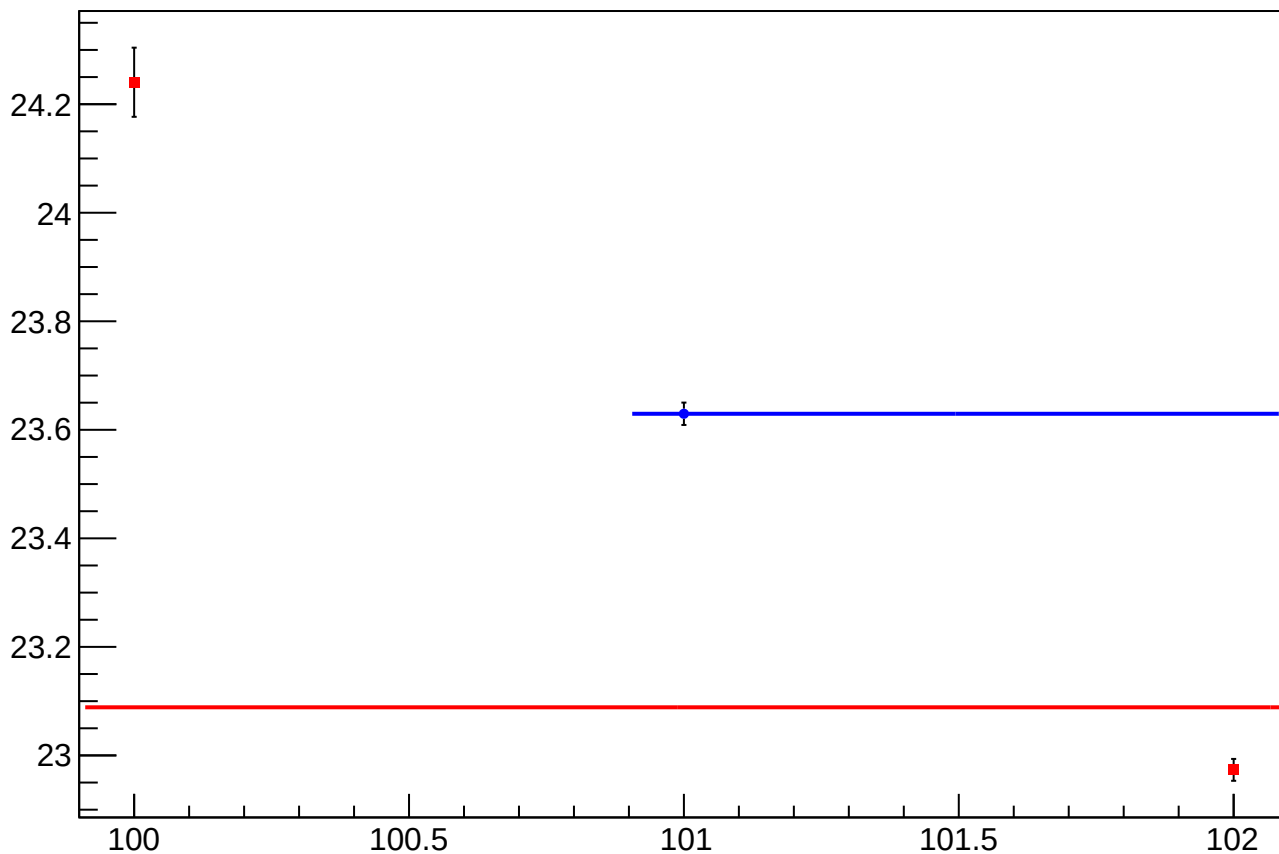
Right: 10.516+/-19.873 χ^2/NDF : 1.0/2

In: 22.369+/-29.139 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.516+/-19.873 χ^2/NDF : 1.0/2

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 23.630 $\pm$ 0.021 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 23.089 $\pm$ 0.019 χ^2 /NDF: 359.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

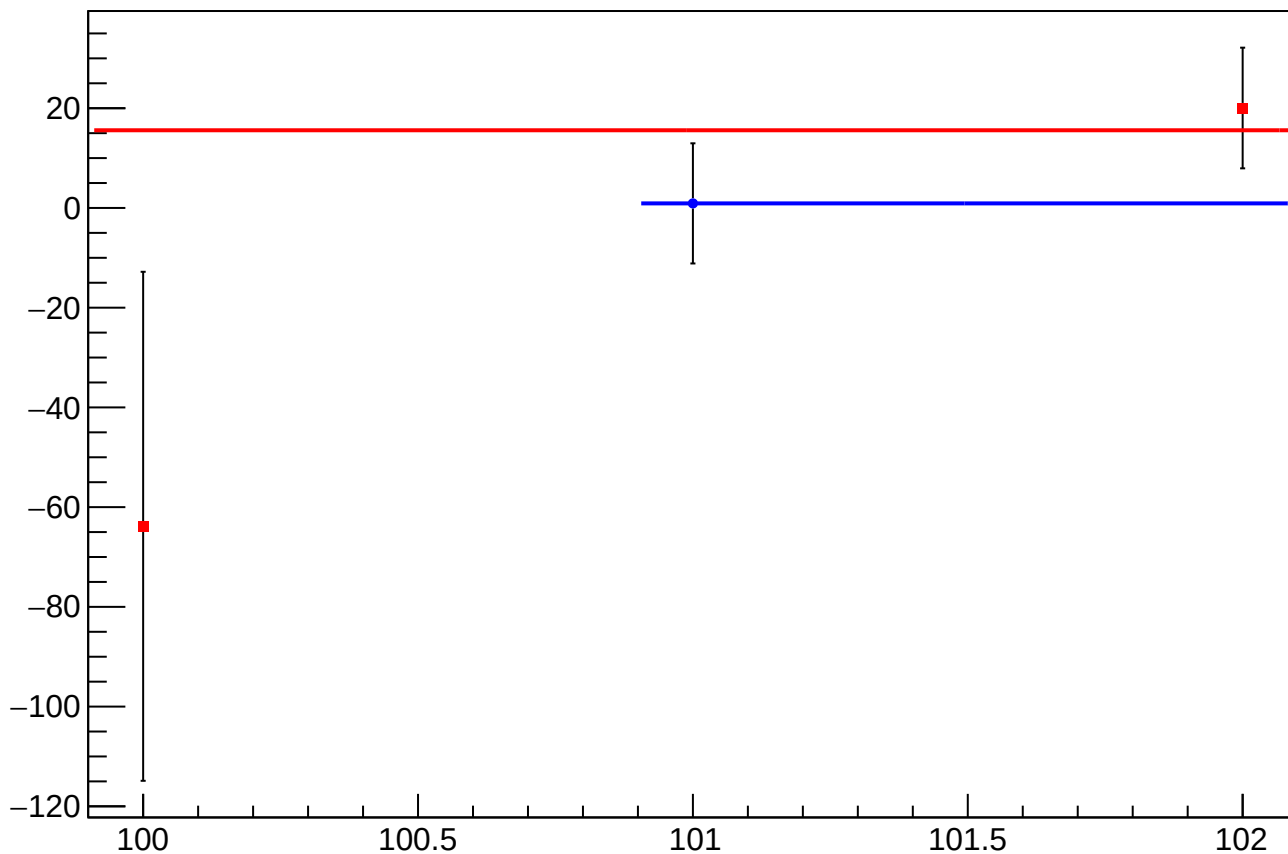
Right: 23.340 $\pm$ 0.014 χ^2 /NDF: 728.2/2

In: 23.630 $\pm$ 0.021 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 23.340 $\pm$ 0.014 χ^2 /NDF: 728.2/2

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.914+/-12.049 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.579+/-11.774 χ^2/NDF : 2.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

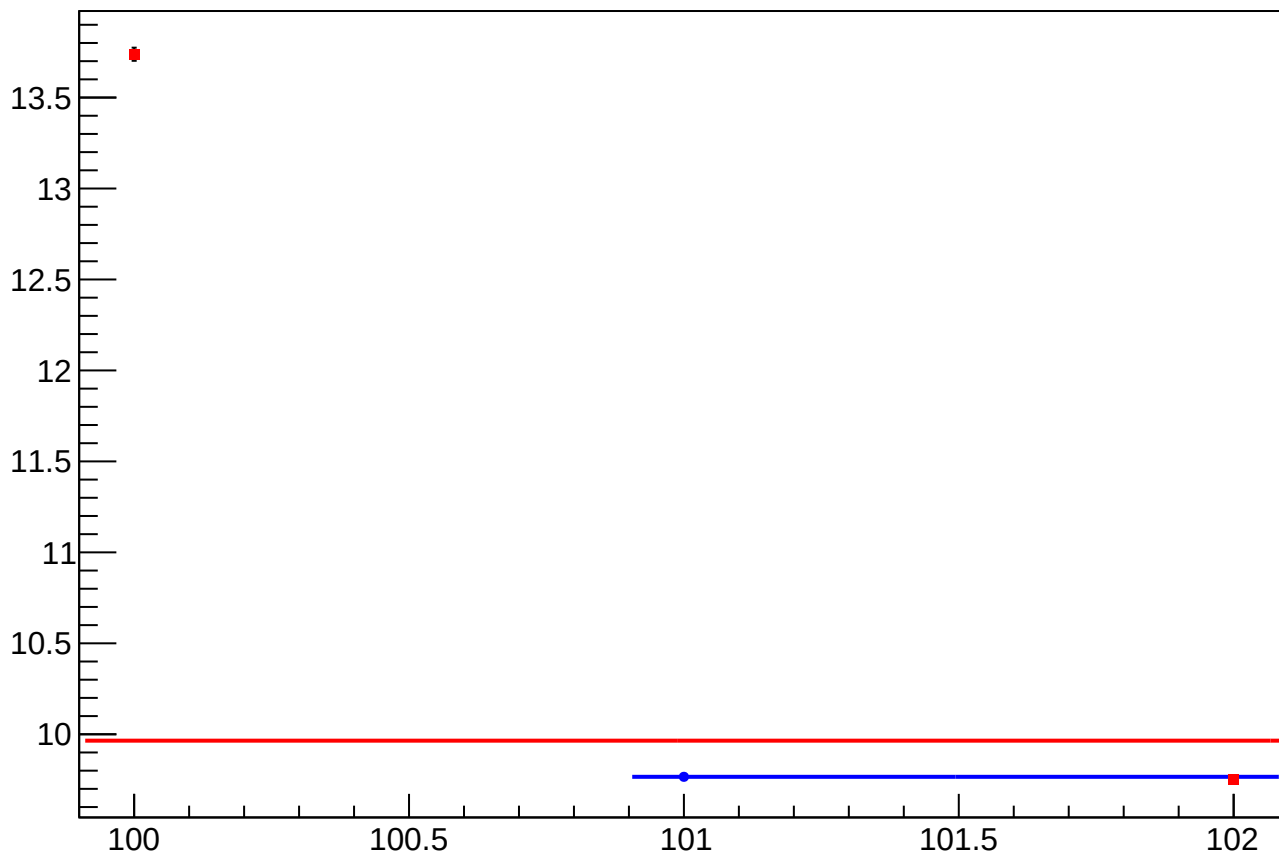
Right: 8.415+/-8.421 χ^2/NDF : 3.3/2

In: 0.914+/-12.049 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.415+/-8.421 χ^2/NDF : 3.3/2

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 9.766 ± 0.009 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 9.965 ± 0.008 $\chi^2/\text{NDF}: 11544.7/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

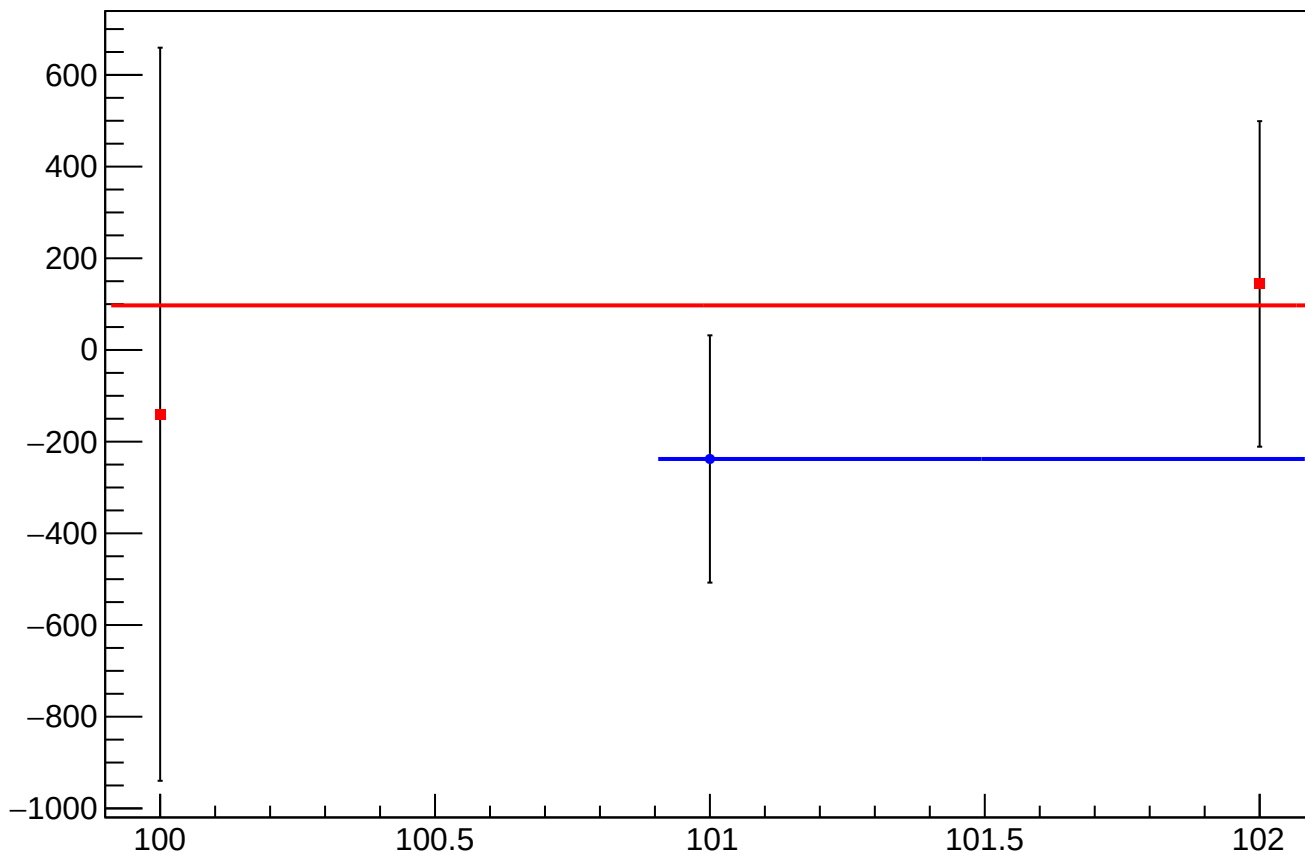
Right: 9.868 ± 0.006 $\chi^2/\text{NDF}: 11823.1/2$

In: 9.766 ± 0.009 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 9.868 ± 0.006 $\chi^2/\text{NDF}: 11823.1/2$

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: -237.777 $\pm$ 269.707 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 97.276 $\pm$ 324.506 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

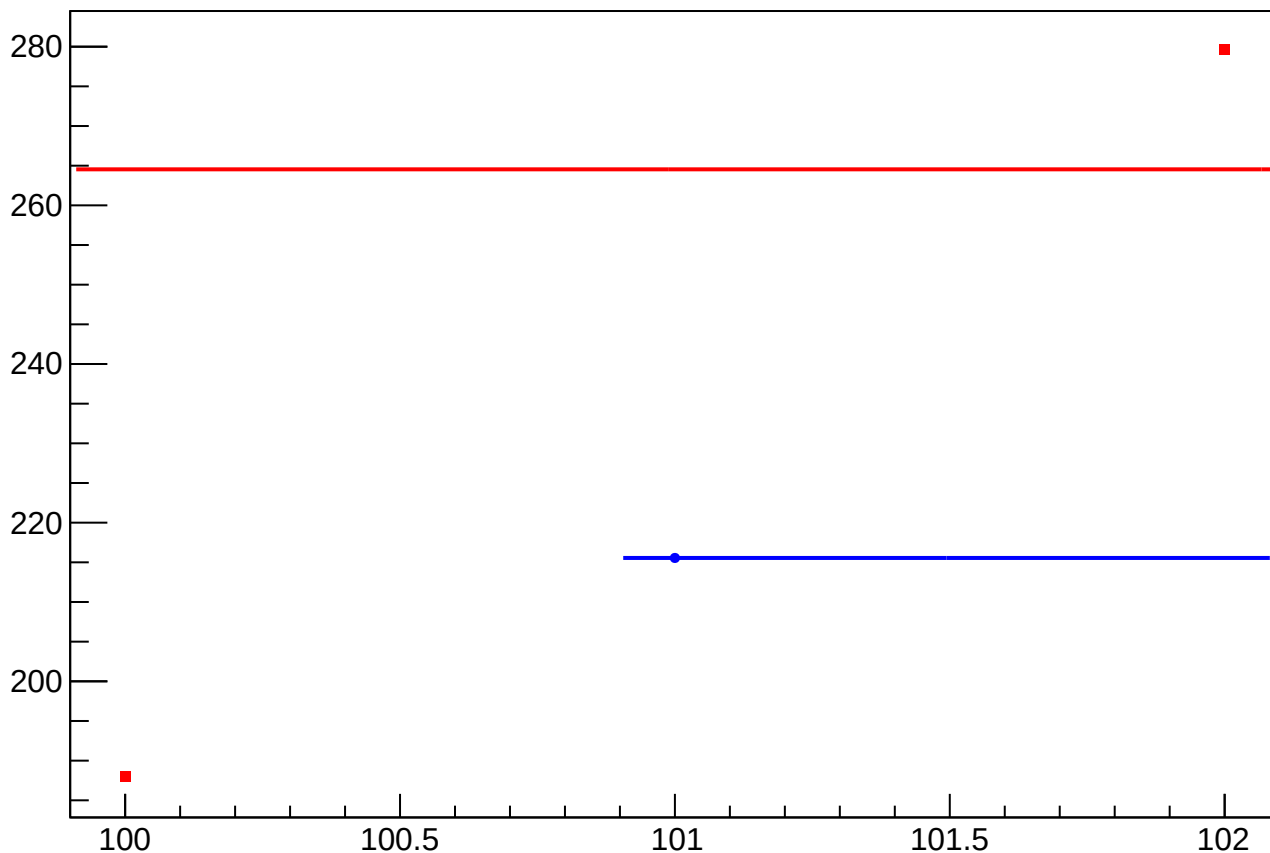
Right: -100.889 $\pm$ 207.419 χ^2 /NDF: 0.7/2

In: -237.777 $\pm$ 269.707 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -100.889 $\pm$ 207.419 χ^2 /NDF: 0.7/2

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 215.552 $\pm$ 0.191 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 264.540 $\pm$ 0.229 χ^2 /NDF: 21922.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

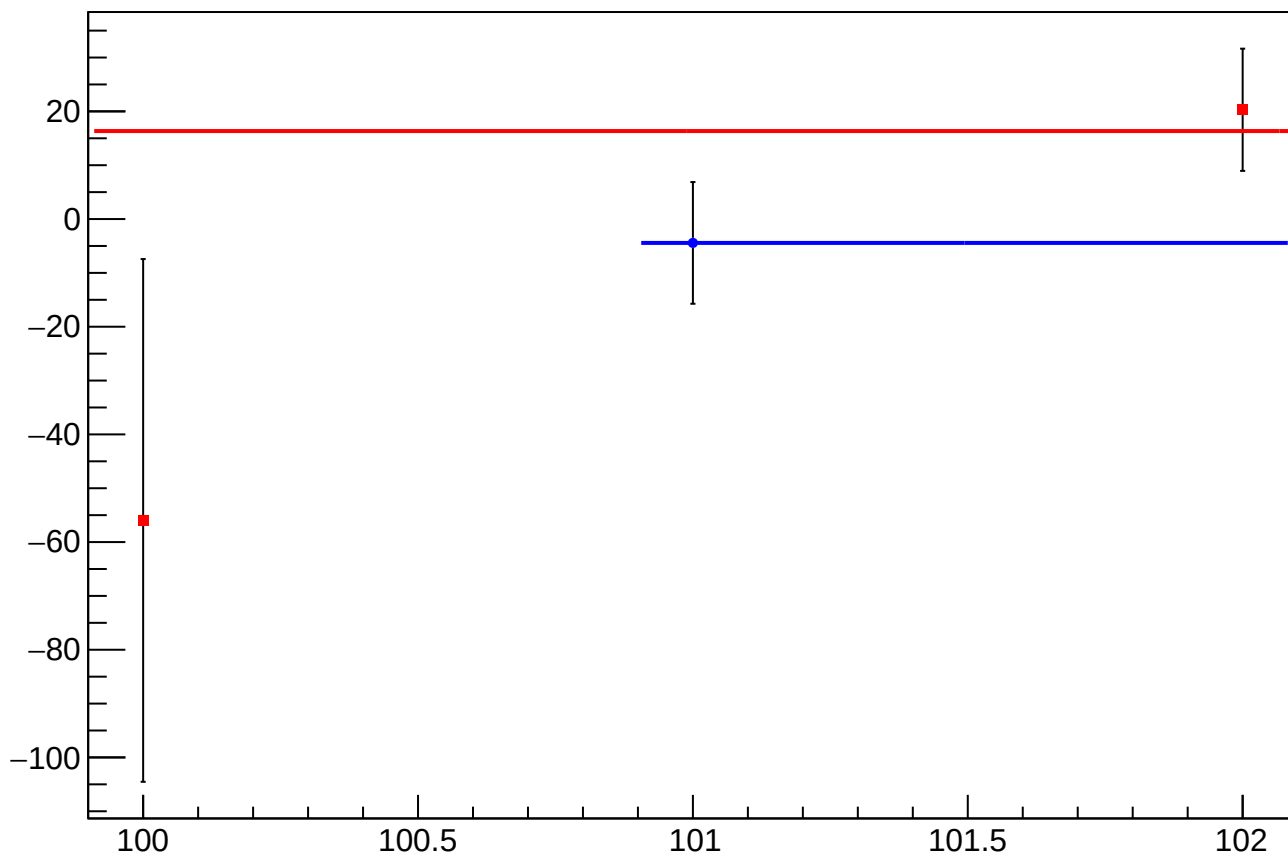
Right: 235.566 $\pm$ 0.147 χ^2 /NDF: 48880.3/2

In: 215.552 $\pm$ 0.191 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 235.566 $\pm$ 0.147 χ^2 /NDF: 48880.3/2

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.432+/-11.302 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.345+/-11.051 χ^2/NDF : 2.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

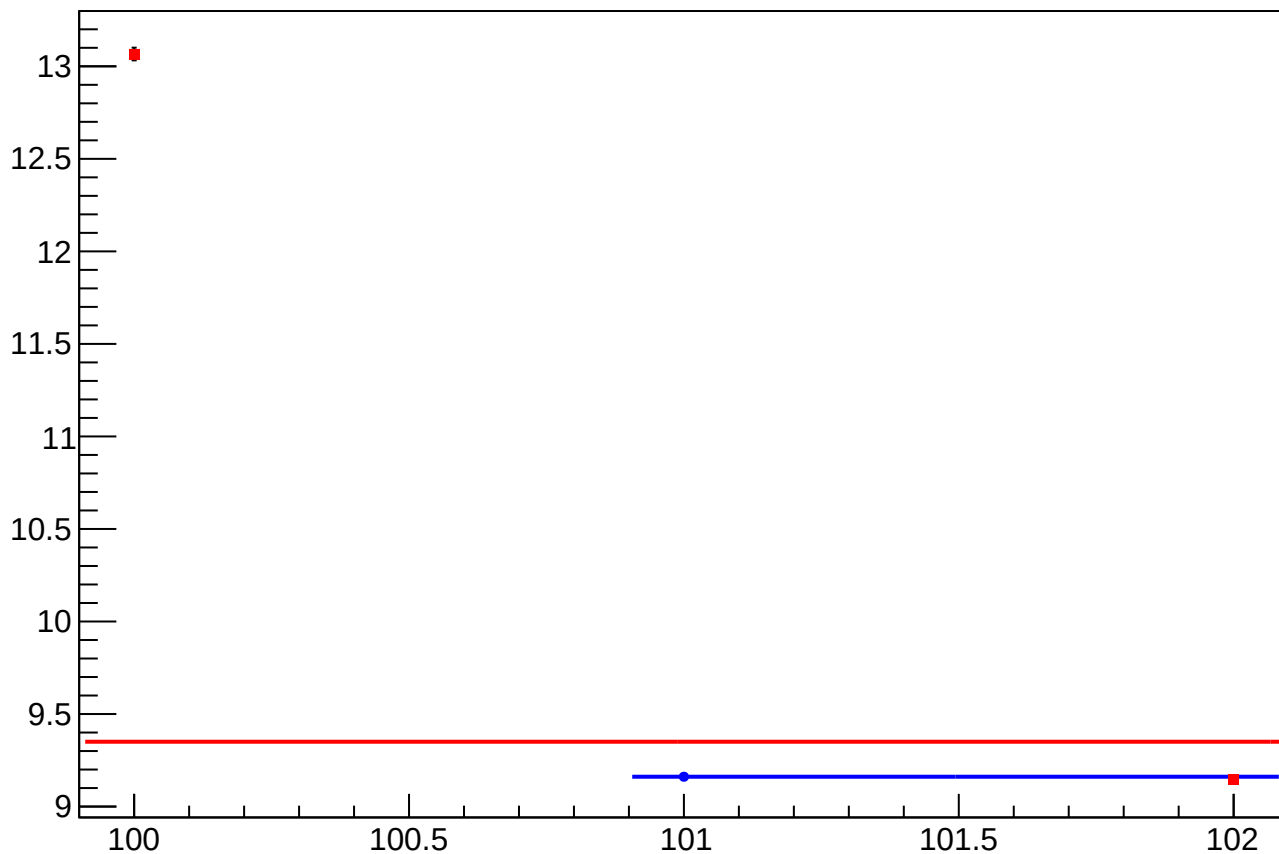
Right: 6.190+/-7.902 χ^2/NDF : 4.1/2

In: -4.432+/-11.302 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.190+/-7.902 χ^2/NDF : 4.1/2

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 9.161 $\pm$ 0.008 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.350 $\pm$ 0.008 χ^2 /NDF: 12358.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

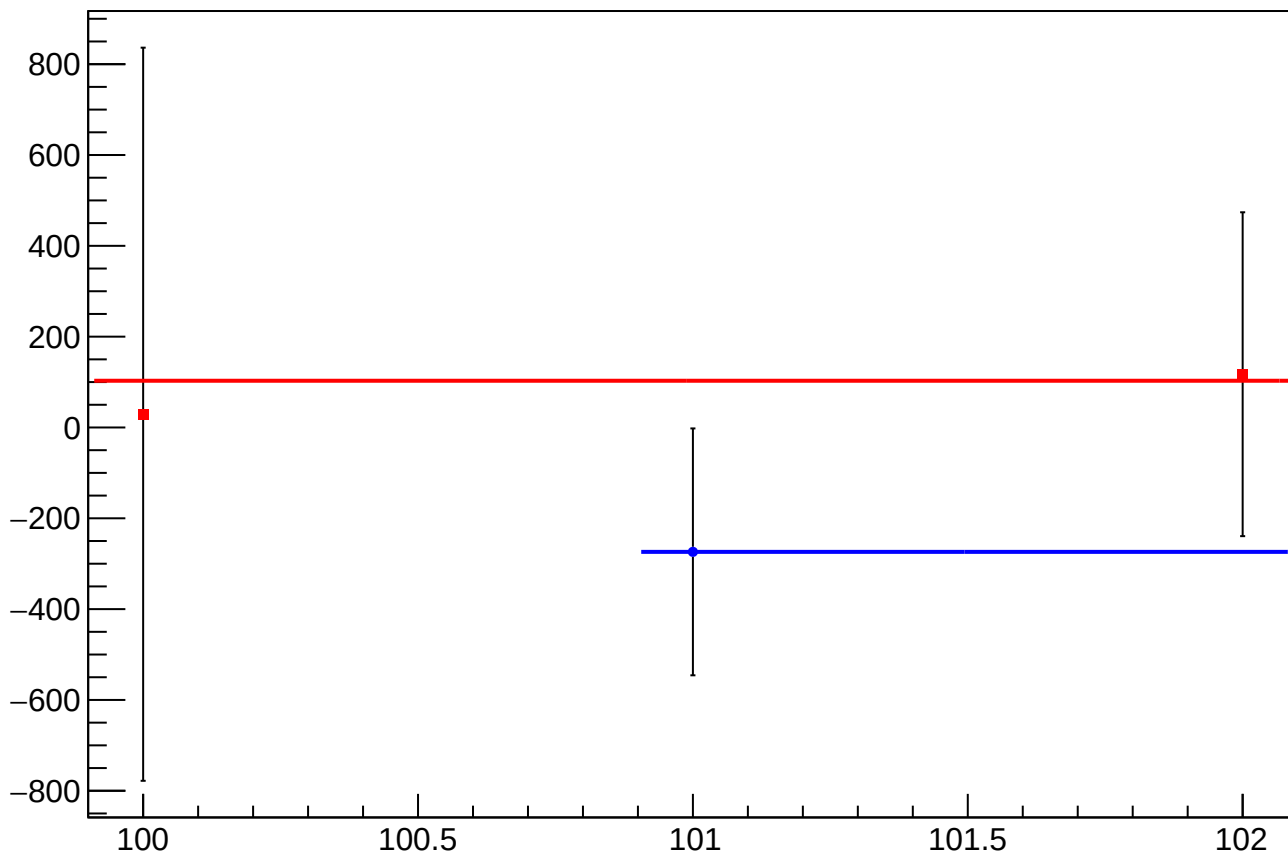
Right: 9.258 $\pm$ 0.006 χ^2 /NDF: 12644.4/2

In: 9.161 $\pm$ 0.008 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.258 $\pm$ 0.006 χ^2 /NDF: 12644.4/2

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -273.924+/-271.829 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.895+/-326.193 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

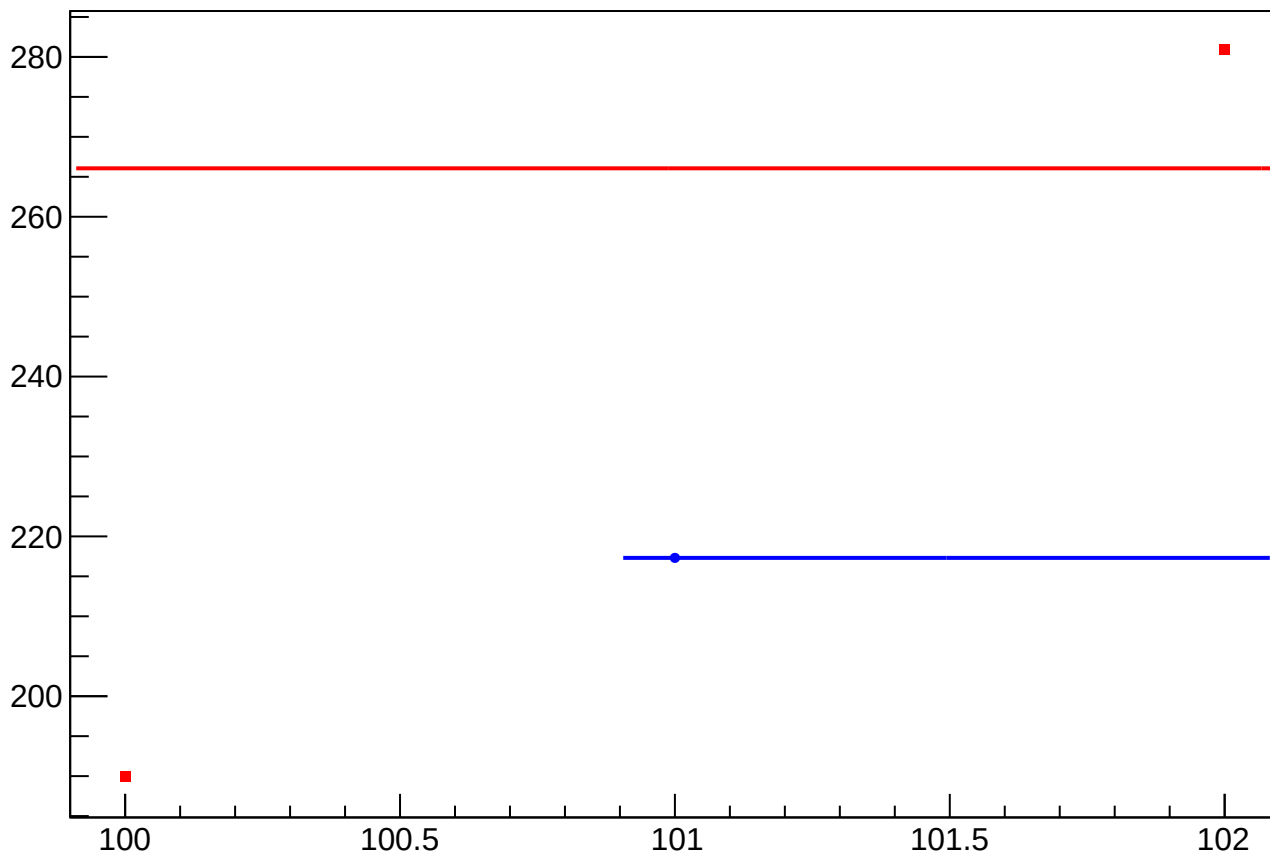
Right: -119.489+/-208.824 χ^2/NDF : 0.8/2

In: -273.924+/-271.829 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -119.489+/-208.824 χ^2/NDF : 0.8/2

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 217.311 $\pm$ 0.192 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 266.060 $\pm$ 0.231 χ^2 /NDF: 21230.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

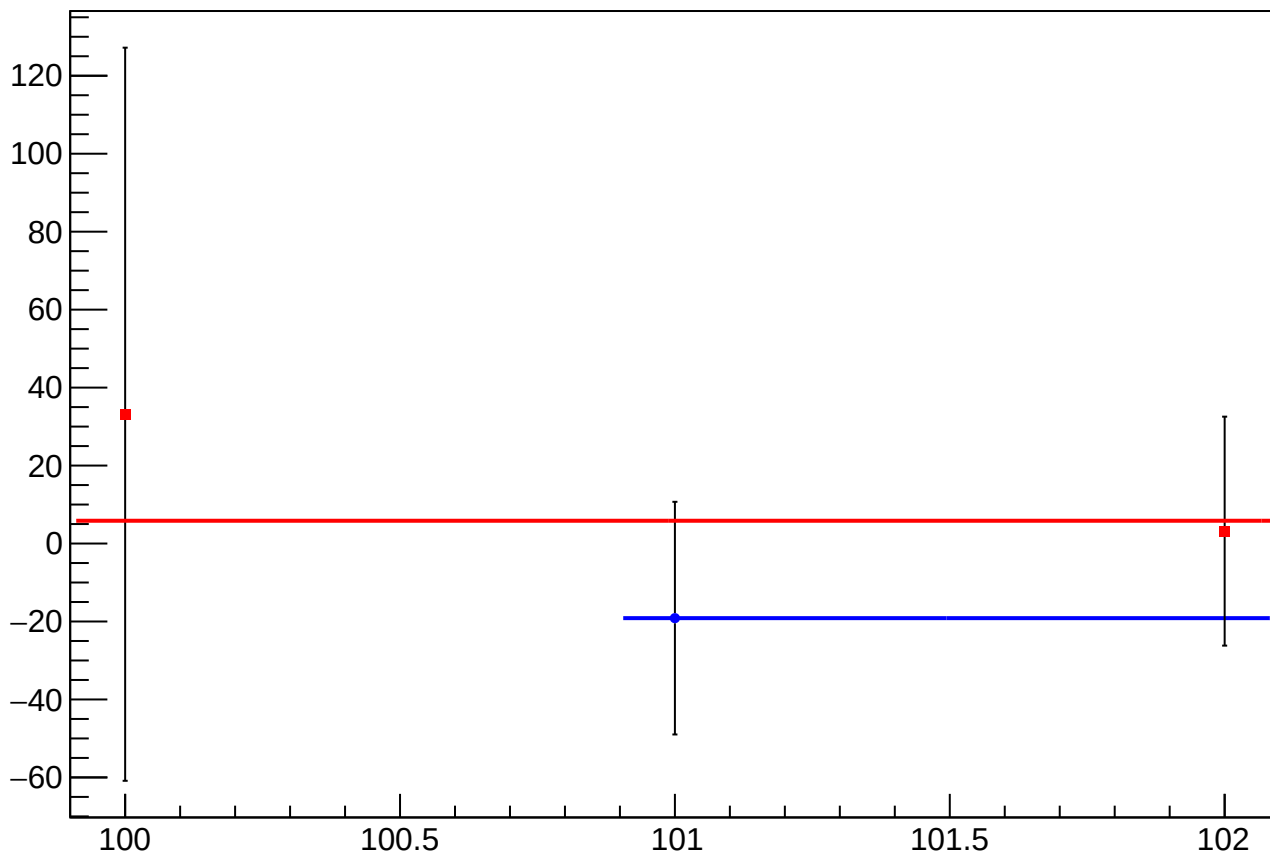
Right: 237.290 $\pm$ 0.148 χ^2 /NDF: 47592.1/2

In: 217.311 $\pm$ 0.192 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 237.290 $\pm$ 0.148 χ^2 /NDF: 47592.1/2

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -19.139+/-29.841 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.844+/-28.032 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

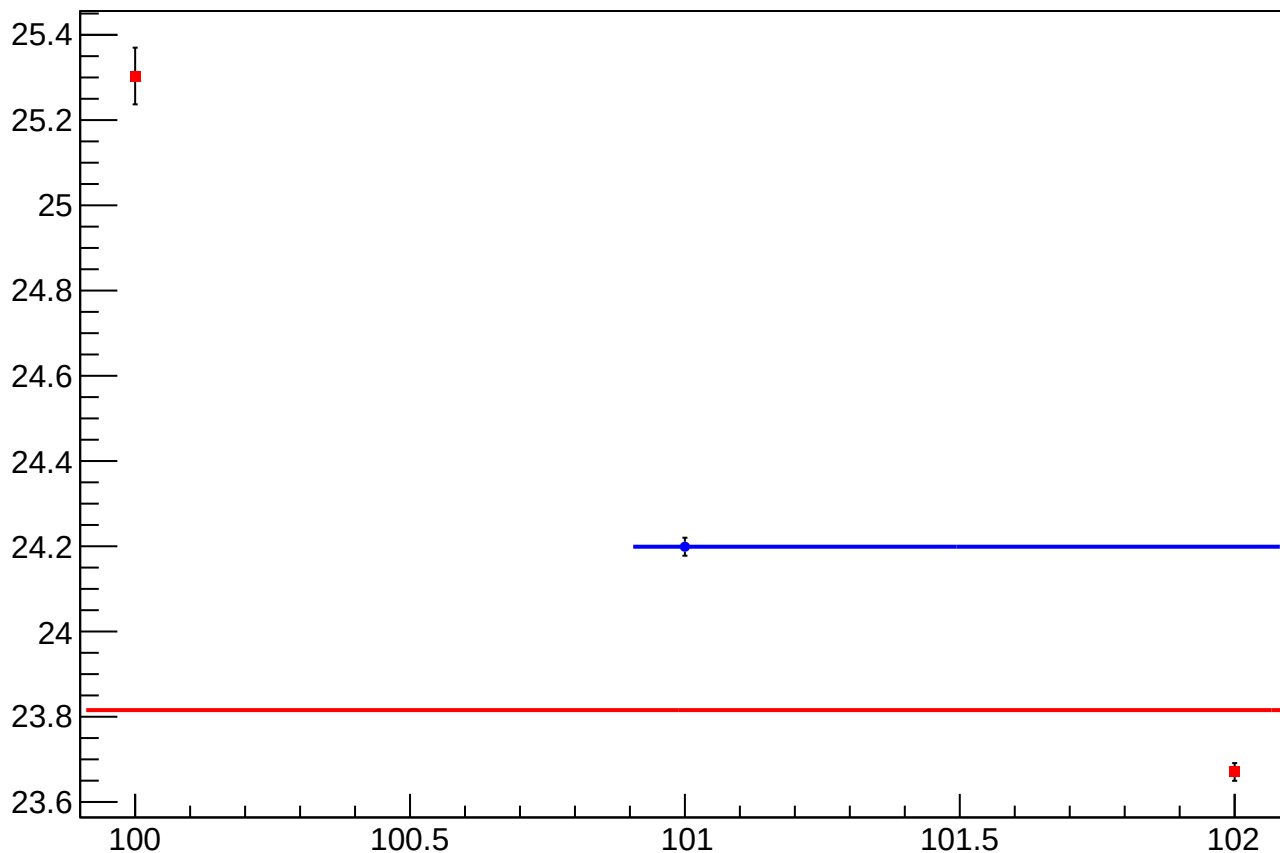
Right: -5.867+/-20.431 χ^2/NDF : 0.5/2

In: -19.139+/-29.841 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.867+/-20.431 χ^2/NDF : 0.5/2

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 24.199+/-0.021 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.816+/-0.020 χ^2/NDF : 549.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

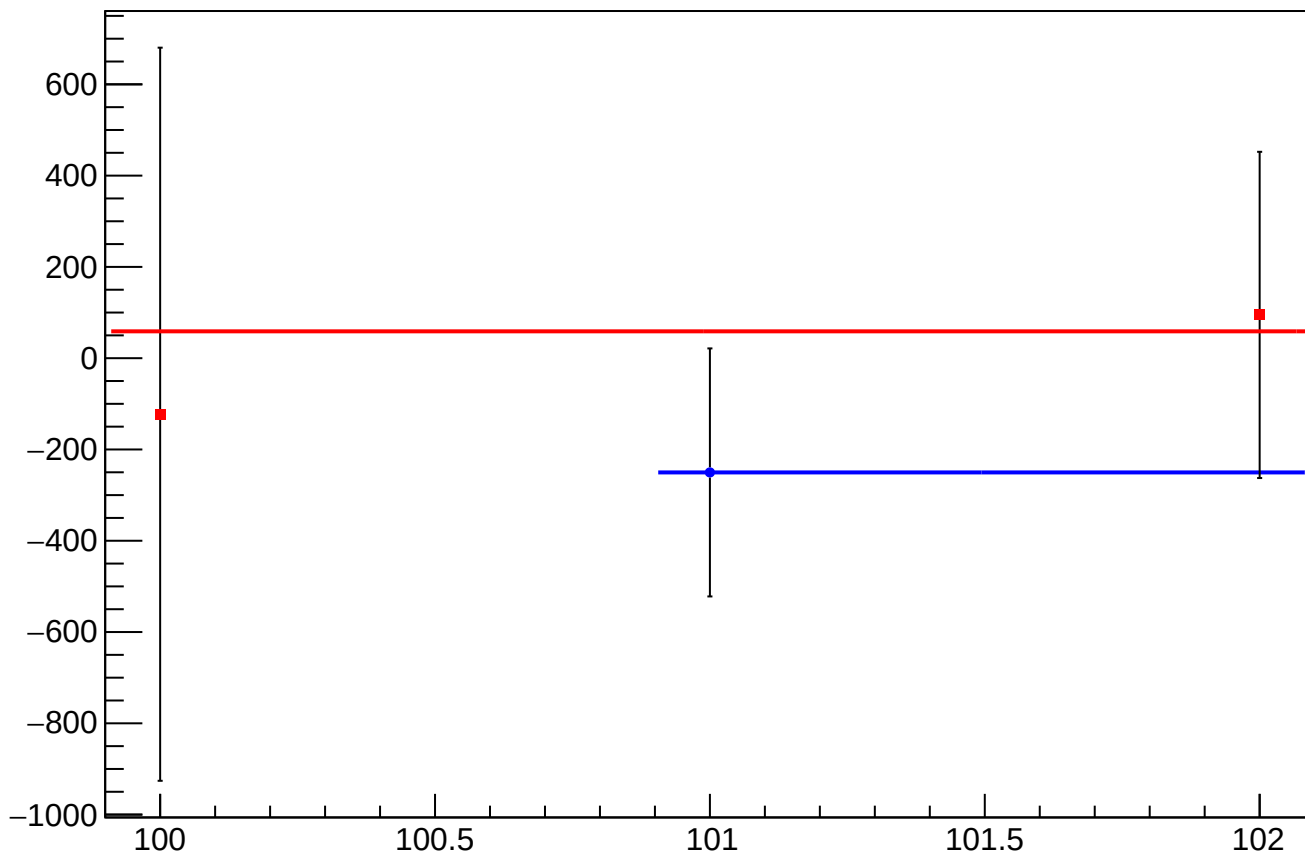
Right: 23.995+/-0.014 χ^2/NDF : 724.9/2

In: 24.199+/-0.021 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.995+/-0.014 χ^2/NDF : 724.9/2

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -250.294+/-271.719 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.836+/-326.513 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

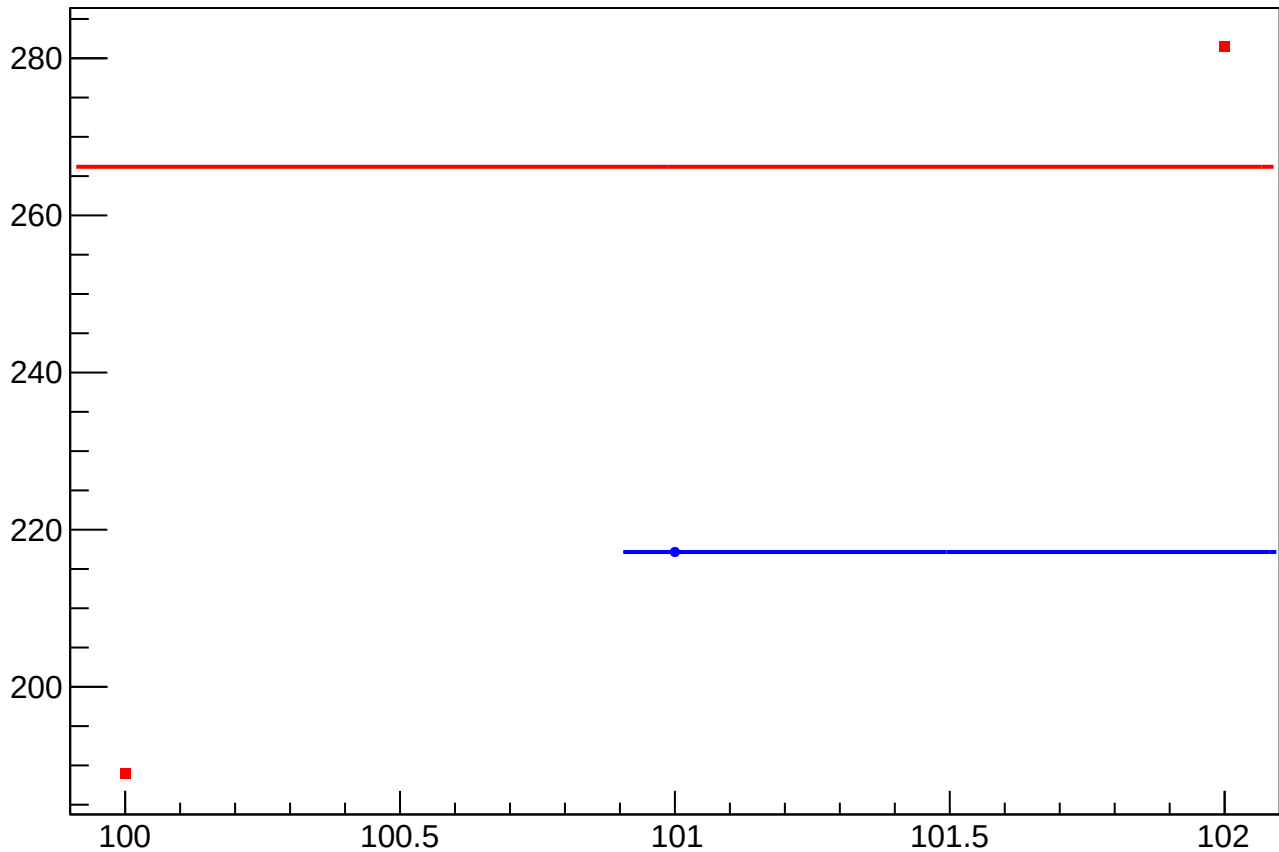
Right: -123.807+/-208.858 χ^2/NDF : 0.6/2

In: -250.294+/-271.719 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -123.807+/-208.858 χ^2/NDF : 0.6/2

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 217.160 $\pm$ 0.192 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 266.191 $\pm$ 0.231 χ^2 /NDF: 22137.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

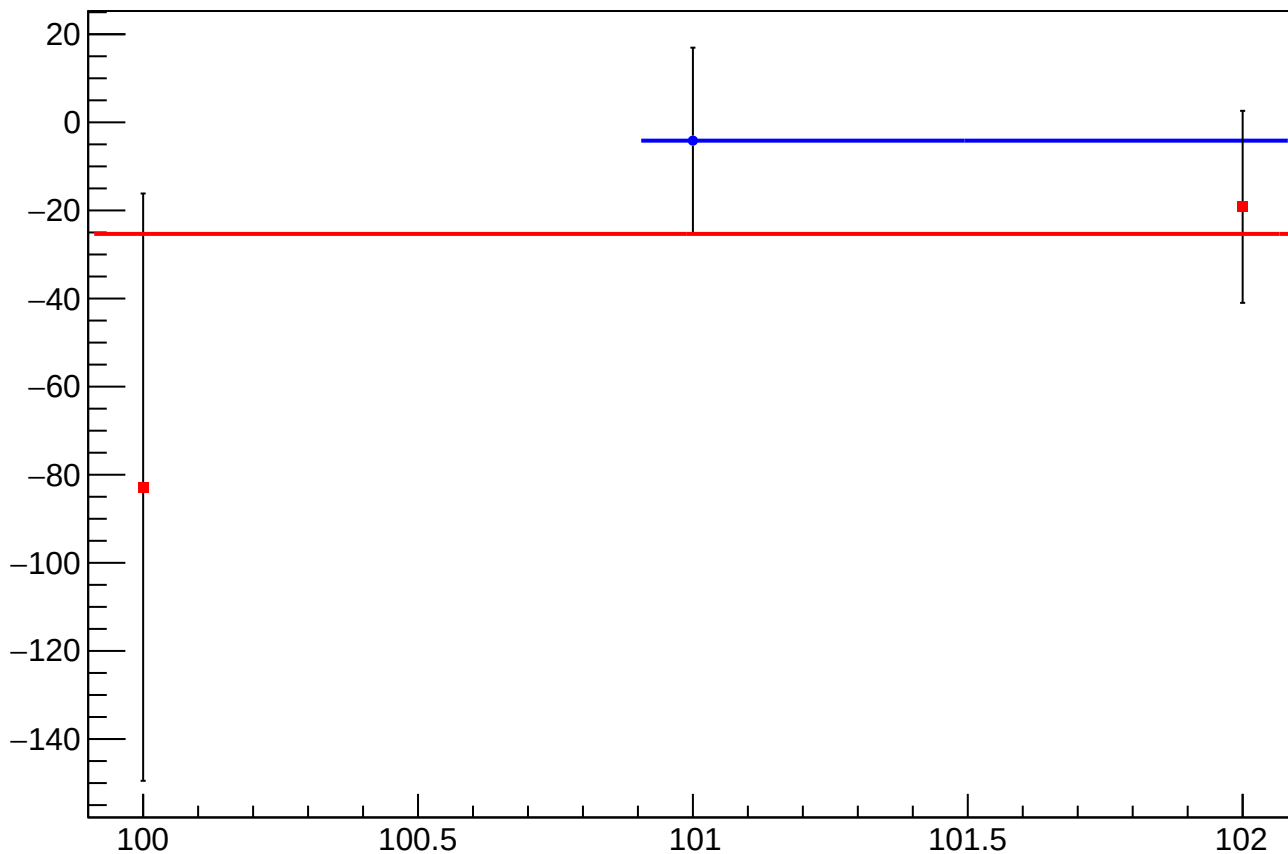
Right: 237.222 $\pm$ 0.148 χ^2 /NDF: 48784.2/2

In: 217.160 $\pm$ 0.192 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 237.222 $\pm$ 0.148 χ^2 /NDF: 48784.2/2

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.155+/-21.108 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.325+/-20.715 χ^2/NDF : 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

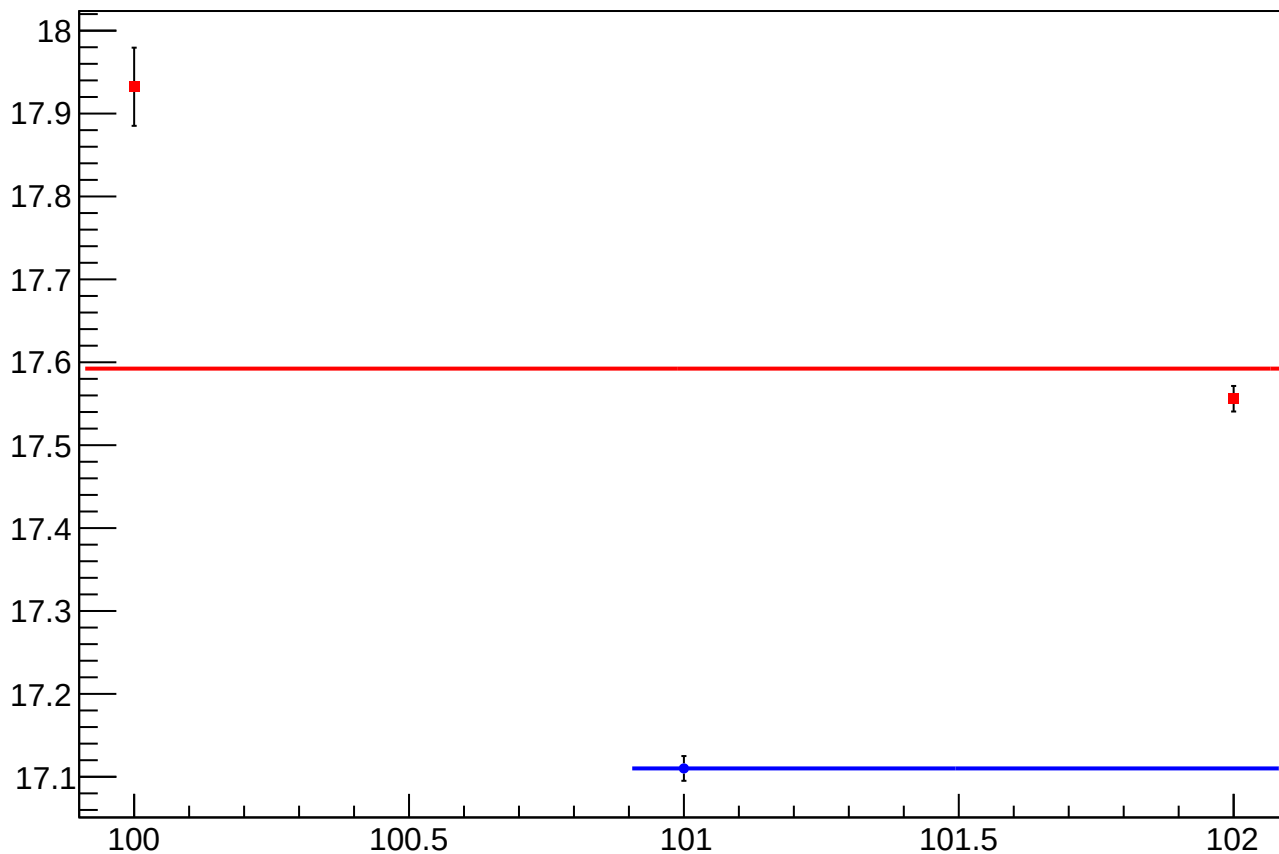
Right: -14.939+/-14.785 χ^2/NDF : 1.3/2

In: -4.155+/-21.108 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.939+/-14.785 χ^2/NDF : 1.3/2

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.110+/-0.015 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.592+/-0.015 χ^2/NDF : 57.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

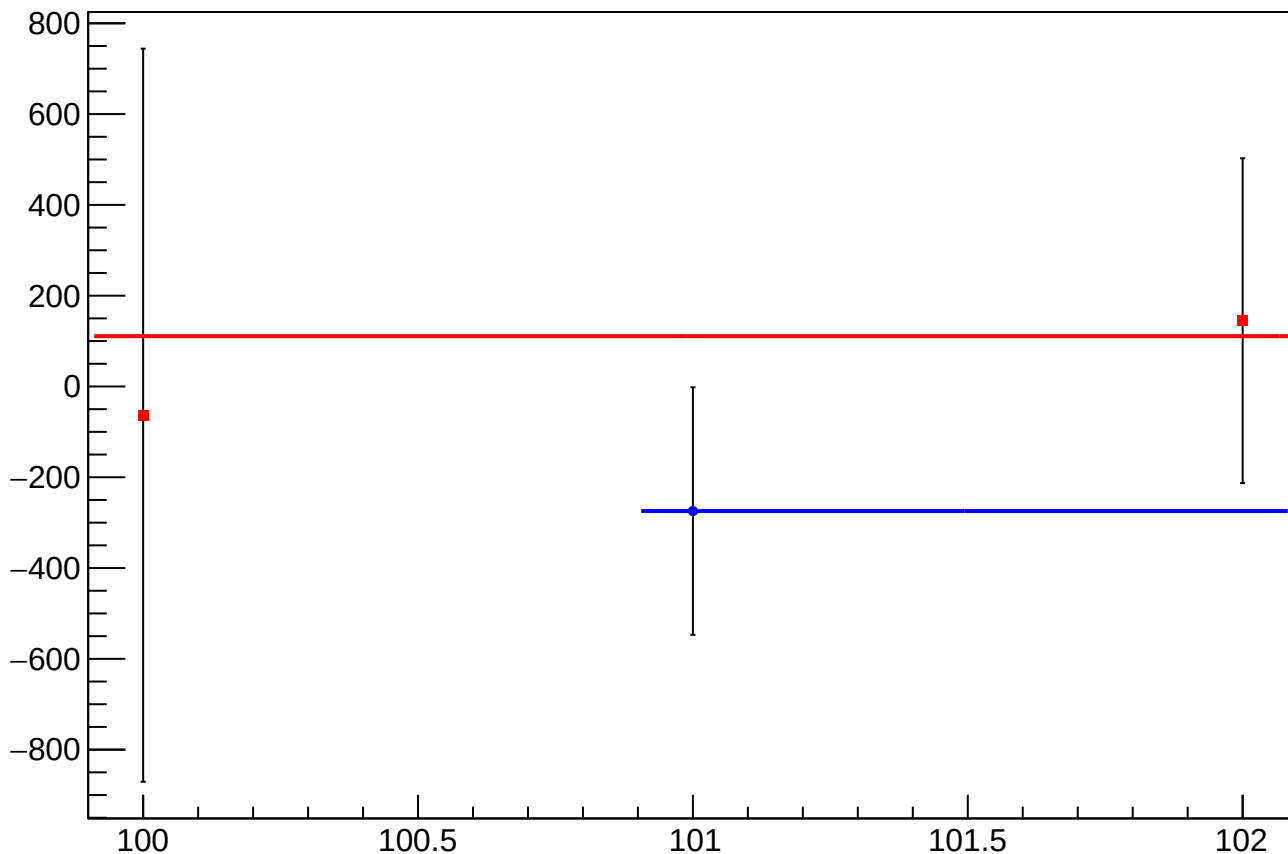
Right: 17.356+/-0.010 χ^2/NDF : 589.4/2

In: 17.110+/-0.015 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.356+/-0.010 χ^2/NDF : 589.4/2

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -274.445 $\pm$ 272.581 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 110.646 $\pm$ 327.093 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

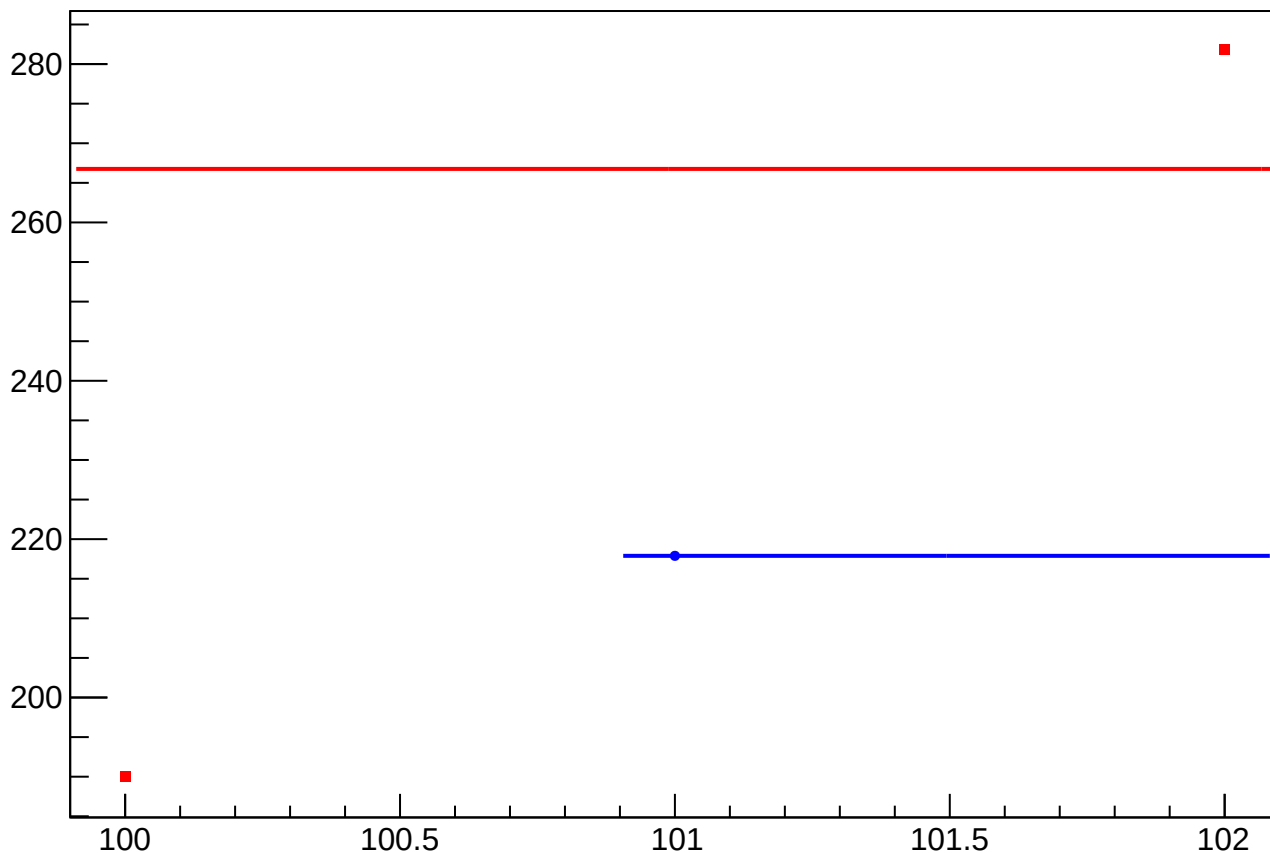
Right: -116.619 $\pm$ 209.401 χ^2 /NDF: 0.9/2

In: -274.445 $\pm$ 272.581 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -116.619 $\pm$ 209.401 χ^2 /NDF: 0.9/2

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 217.894 $\pm$ 0.193 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 266.761 $\pm$ 0.231 χ^2 /NDF: 21592.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

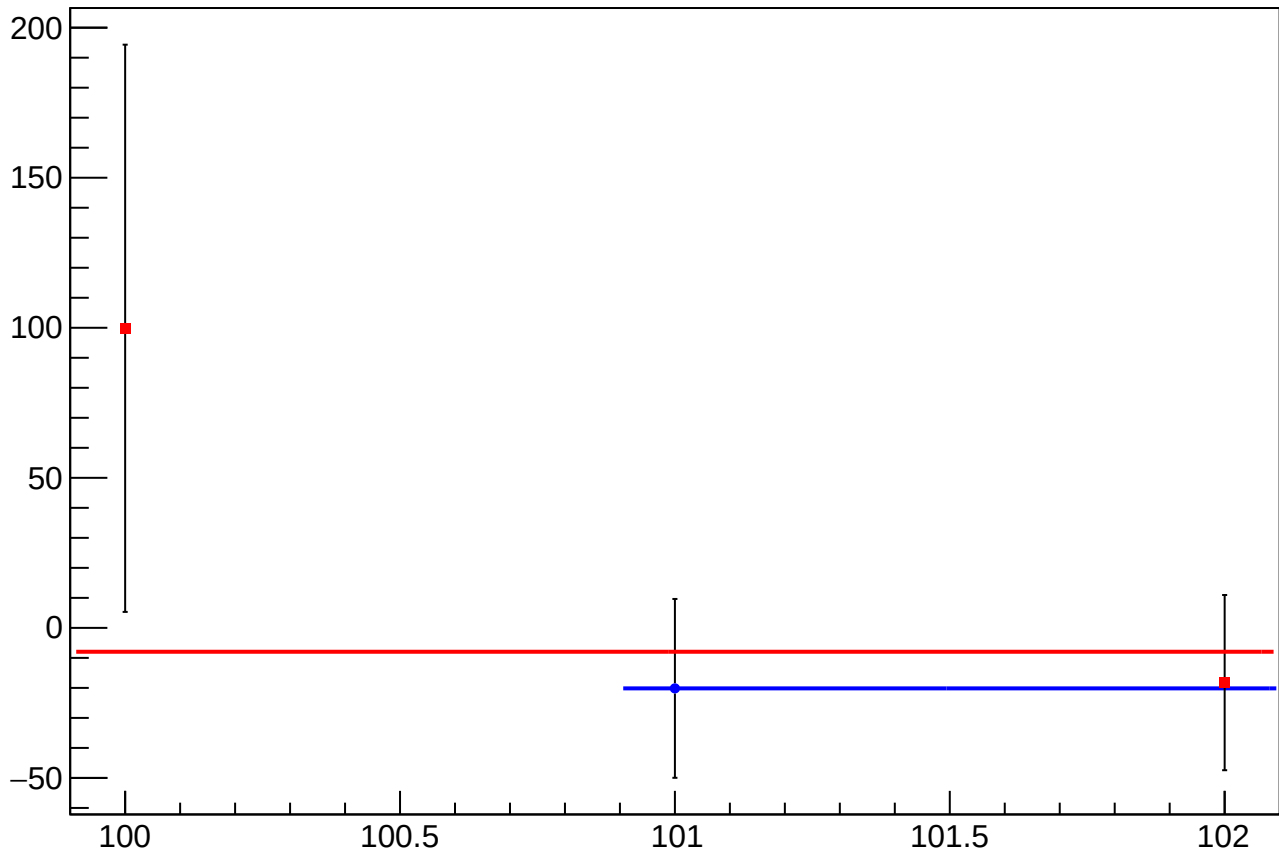
Right: 237.922 $\pm$ 0.148 χ^2 /NDF: 47936.9/2

In: 217.894 $\pm$ 0.193 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 237.922 $\pm$ 0.148 χ^2 /NDF: 47936.9/2

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -20.160 $\pm$ 29.796 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -7.954 $\pm$ 27.892 χ^2 /NDF: 1.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

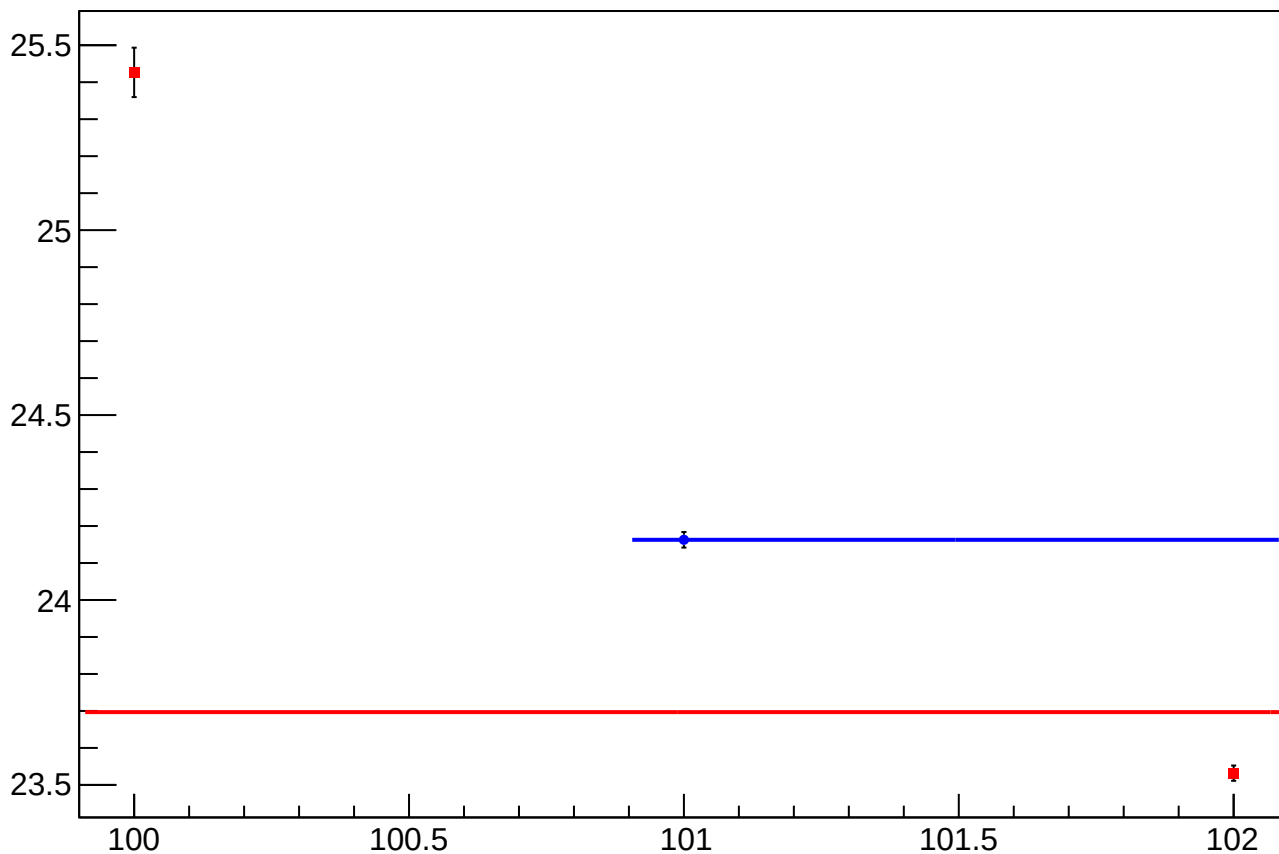
Right: -13.655 $\pm$ 20.363 χ^2 /NDF: 1.5/2

In: -20.160 $\pm$ 29.796 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -13.655 $\pm$ 20.363 χ^2 /NDF: 1.5/2

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 24.163+/-0.021 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.697+/-0.020 χ^2/NDF : 733.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

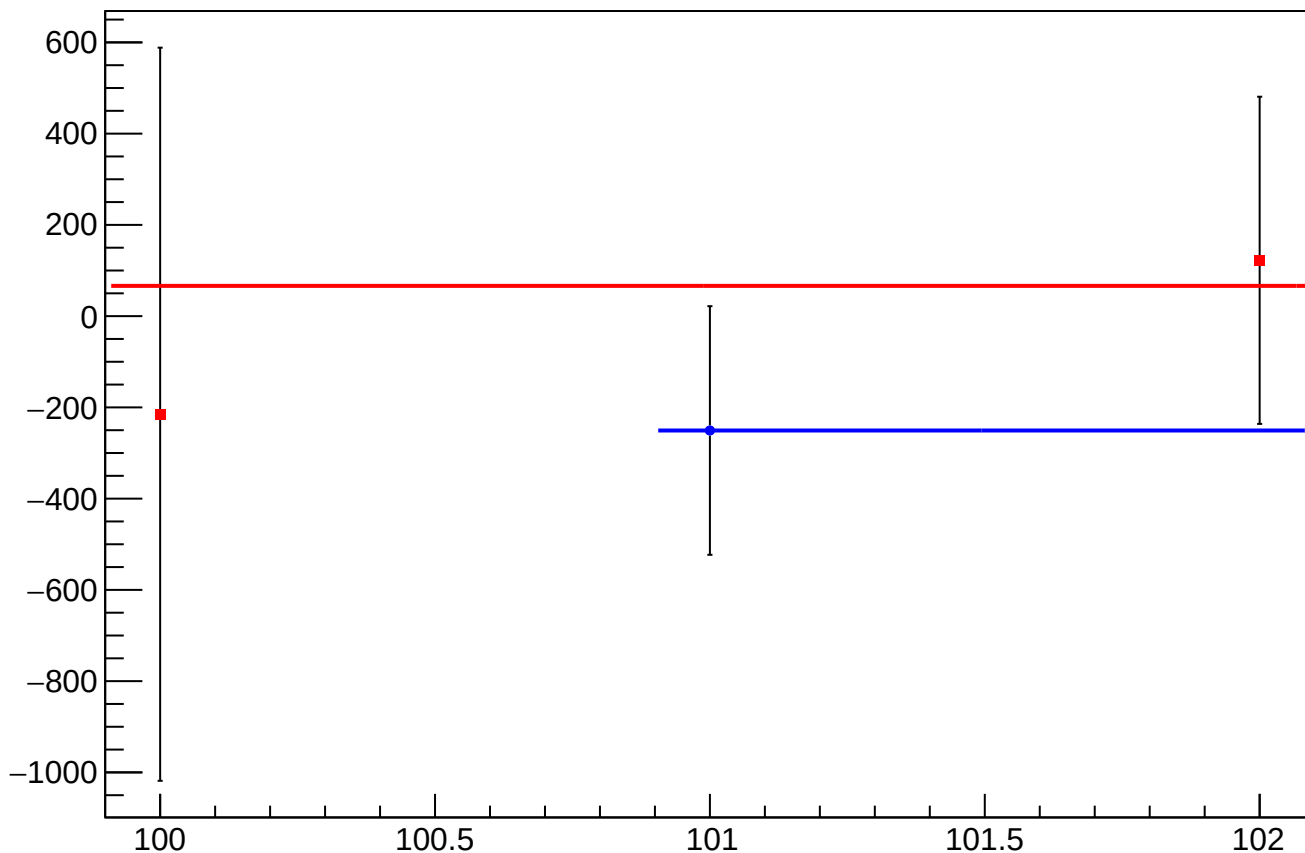
Right: 23.914+/-0.014 χ^2/NDF : 994.5/2

In: 24.163+/-0.021 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.914+/-0.014 χ^2/NDF : 994.5/2

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -250.651 $\pm$ 272.464 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 66.350 $\pm$ 327.408 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

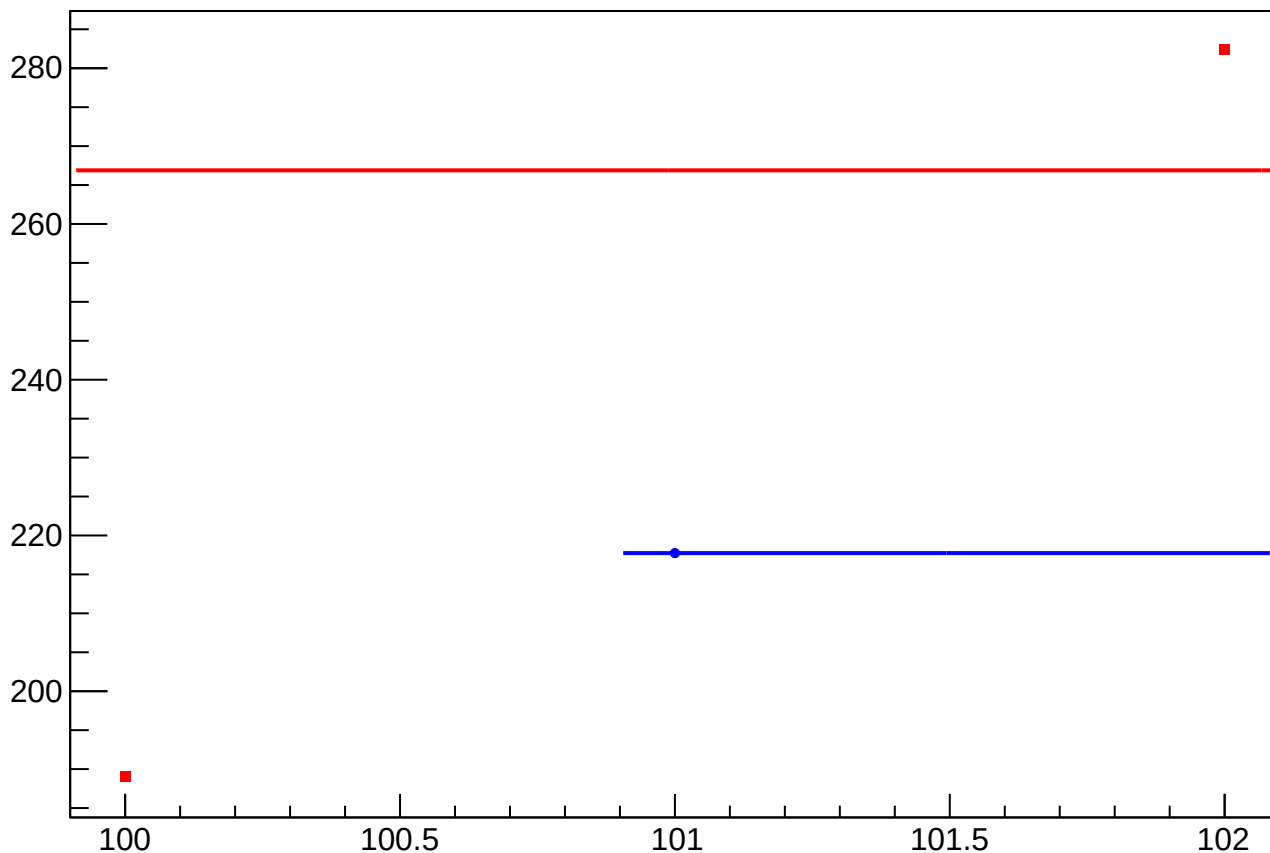
Right: -120.944 $\pm$ 209.431 χ^2 /NDF: 0.7/2

In: -250.651 $\pm$ 272.464 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -120.944 $\pm$ 209.431 χ^2 /NDF: 0.7/2

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 217.736 $\pm$ 0.193 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 266.888 $\pm$ 0.232 χ^2 /NDF: 22502.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

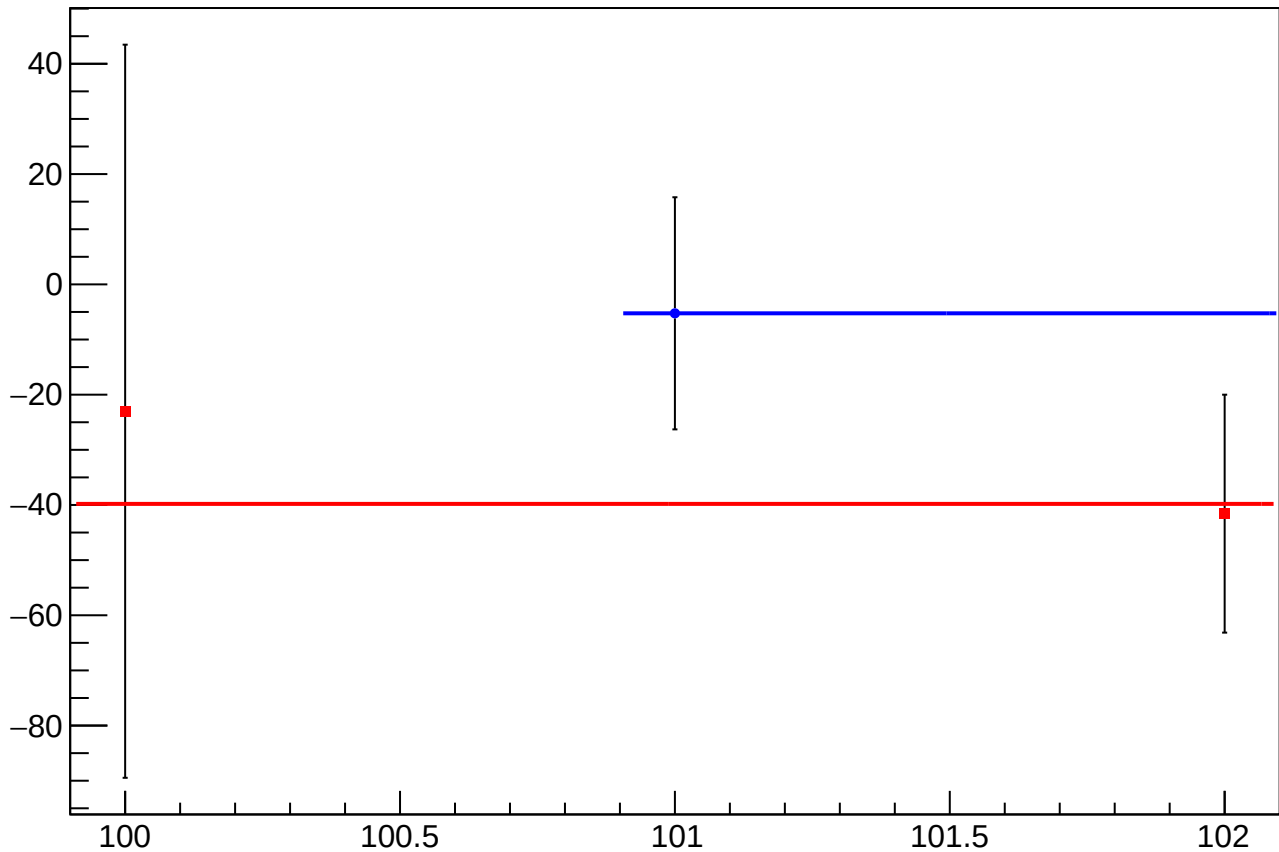
Right: 237.847 $\pm$ 0.148 χ^2 /NDF: 49134.4/2

In: 217.736 $\pm$ 0.193 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 237.847 $\pm$ 0.148 χ^2 /NDF: 49134.4/2

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -5.247+/-21.045 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -39.804+/-20.519 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

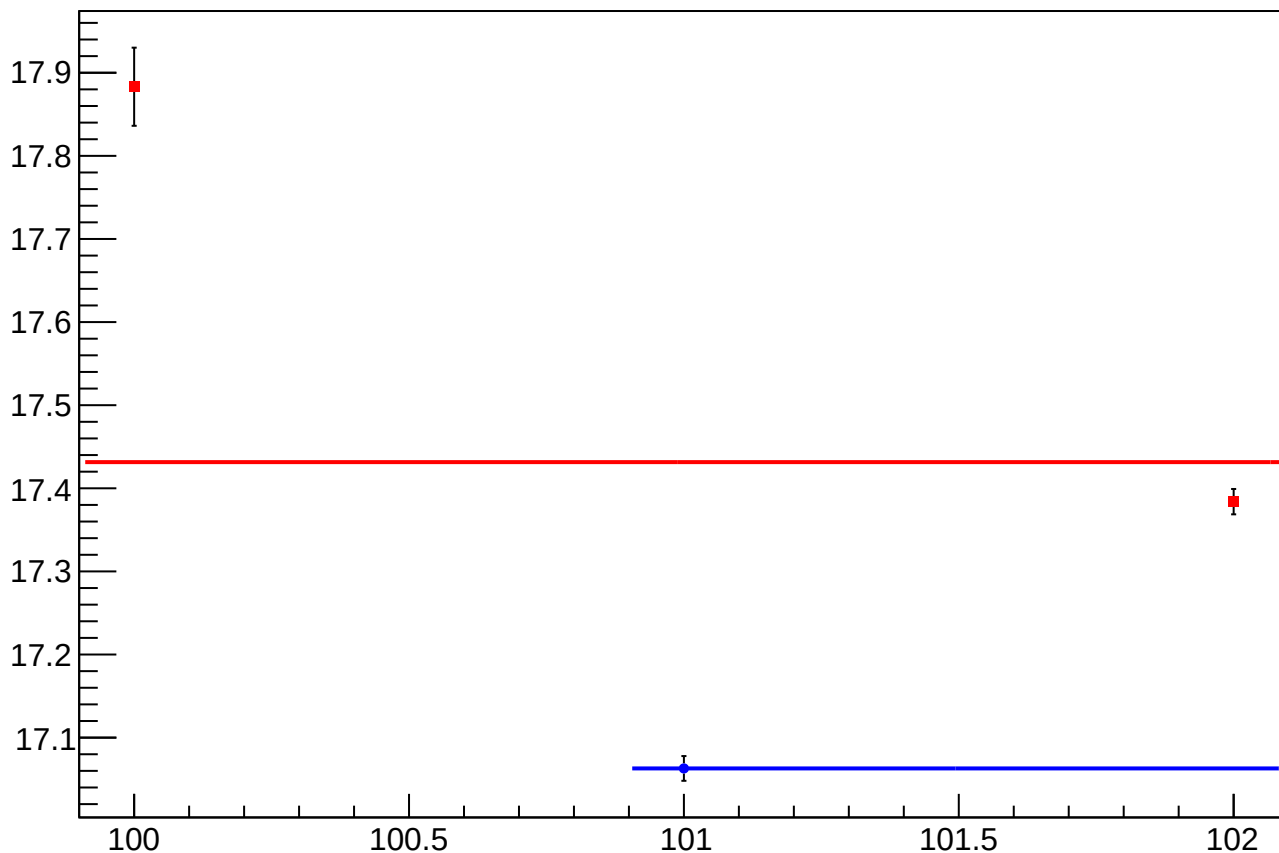
Right: -22.963+/-14.691 χ^2/NDF : 1.5/2

In: -5.247+/-21.045 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.963+/-14.691 χ^2/NDF : 1.5/2

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.063 $\pm$ 0.015 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.432 $\pm$ 0.015 χ^2 /NDF: 102.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

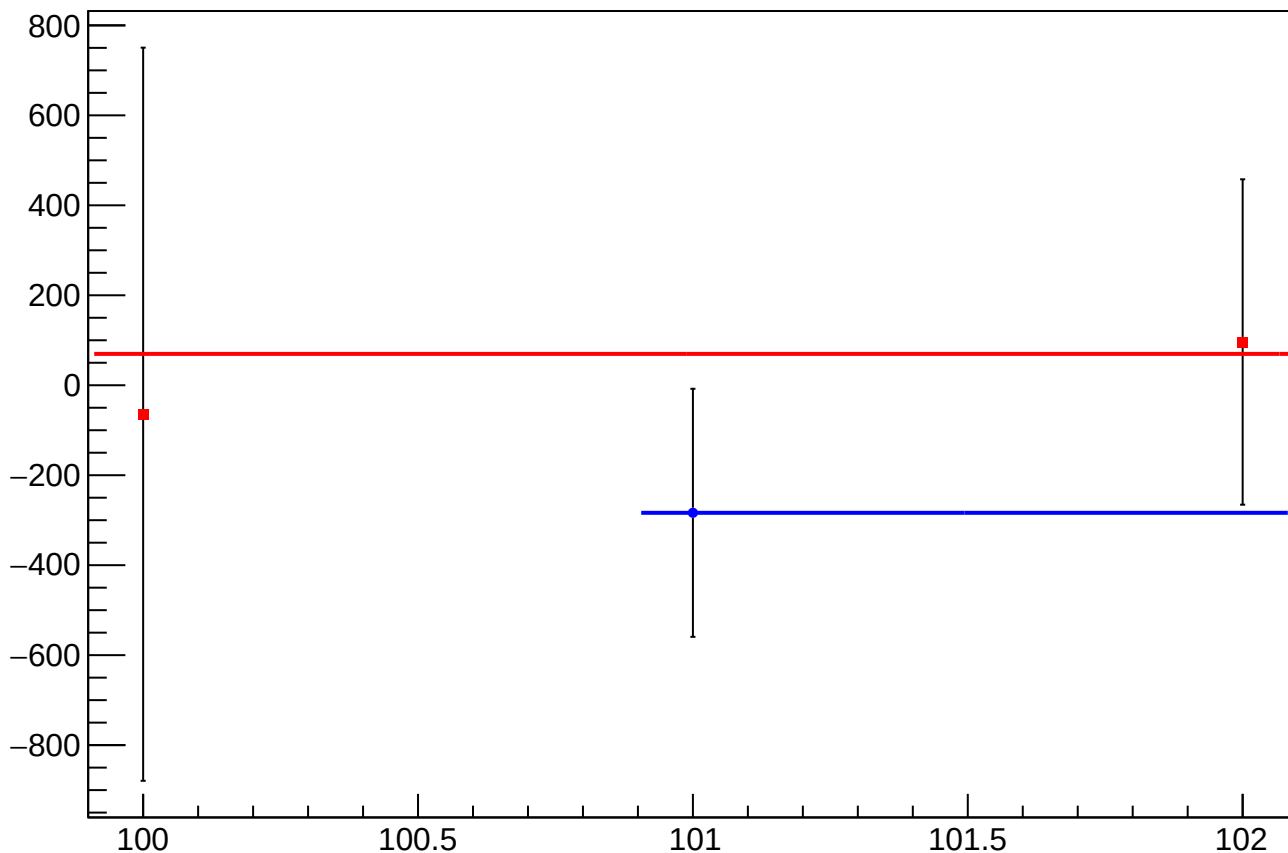
Right: 17.252 $\pm$ 0.010 χ^2 /NDF: 416.6/2

In: 17.063 $\pm$ 0.015 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.252 $\pm$ 0.010 χ^2 /NDF: 416.6/2

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -283.563+/-275.717 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.716+/-330.585 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

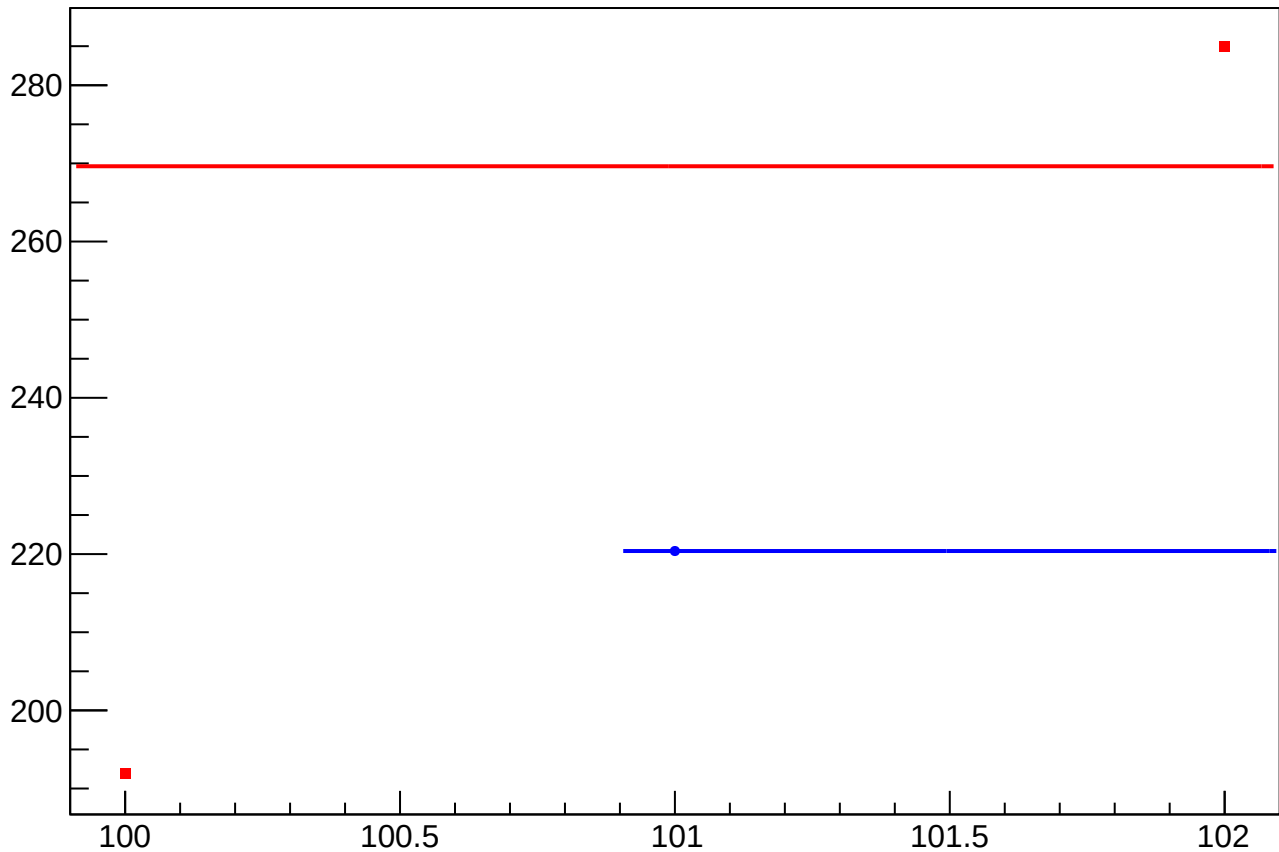
Right: -138.634+/-211.739 χ^2/NDF : 0.7/2

In: -283.563+/-275.717 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -138.634+/-211.739 χ^2/NDF : 0.7/2

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 220.394 $\pm$ 0.195 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 269.633 $\pm$ 0.234 χ^2 /NDF: 21758.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

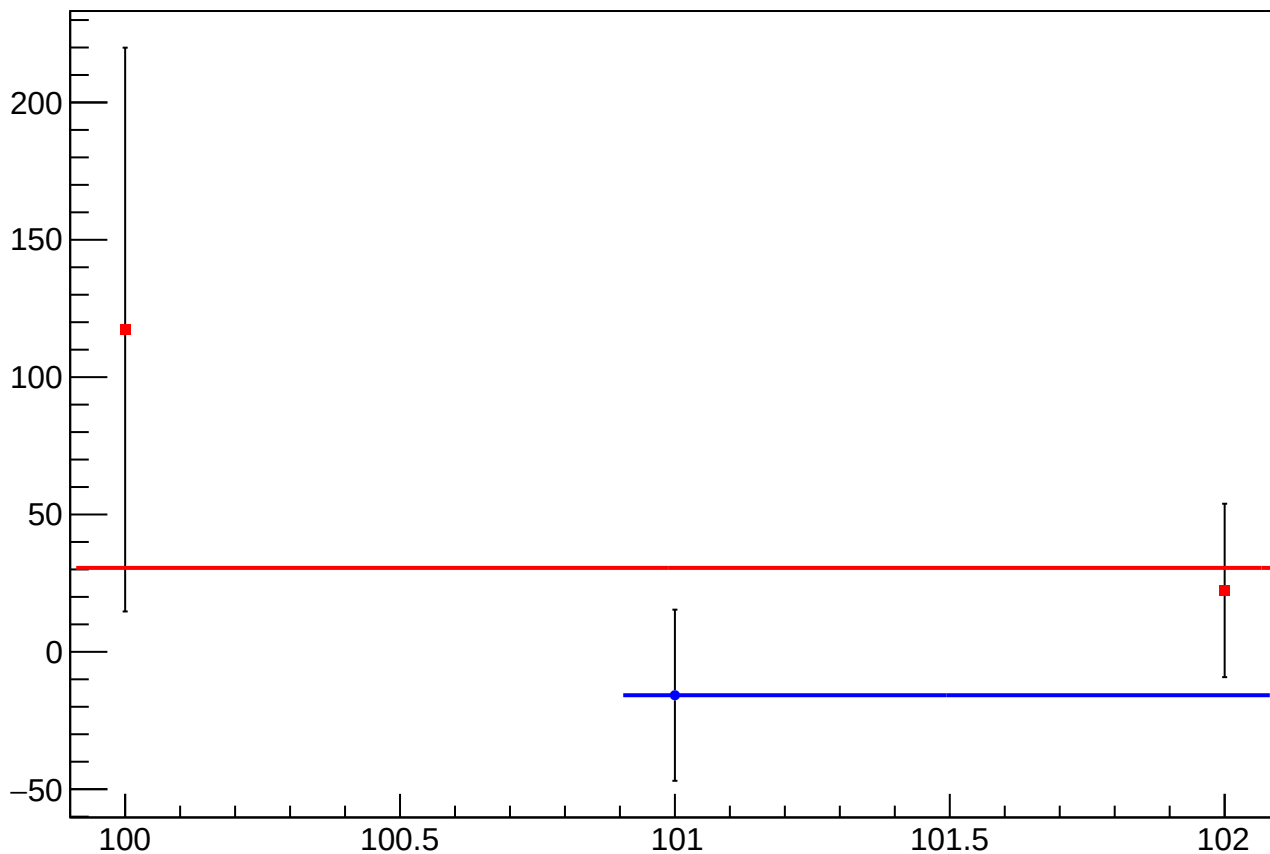
Right: 240.594 $\pm$ 0.150 χ^2 /NDF: 47925.4/2

In: 220.394 $\pm$ 0.195 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 240.594 $\pm$ 0.150 χ^2 /NDF: 47925.4/2

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -15.794+/-31.151 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.559+/-30.173 χ^2/NDF : 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

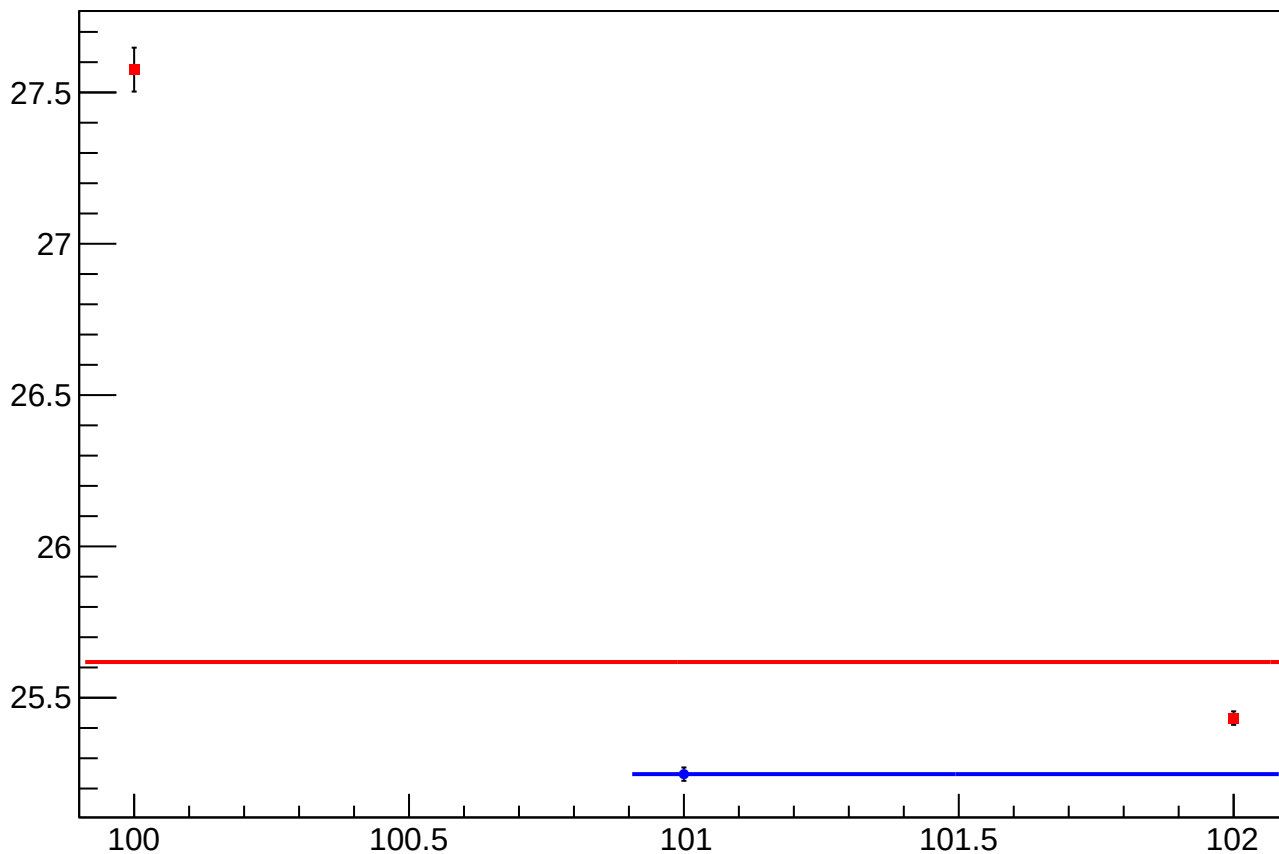
Right: 8.121+/-21.673 χ^2/NDF : 1.9/2

In: -15.794+/-31.151 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.121+/-21.673 χ^2/NDF : 1.9/2

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.248+/-0.022 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.618+/-0.021 χ^2/NDF : 796.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

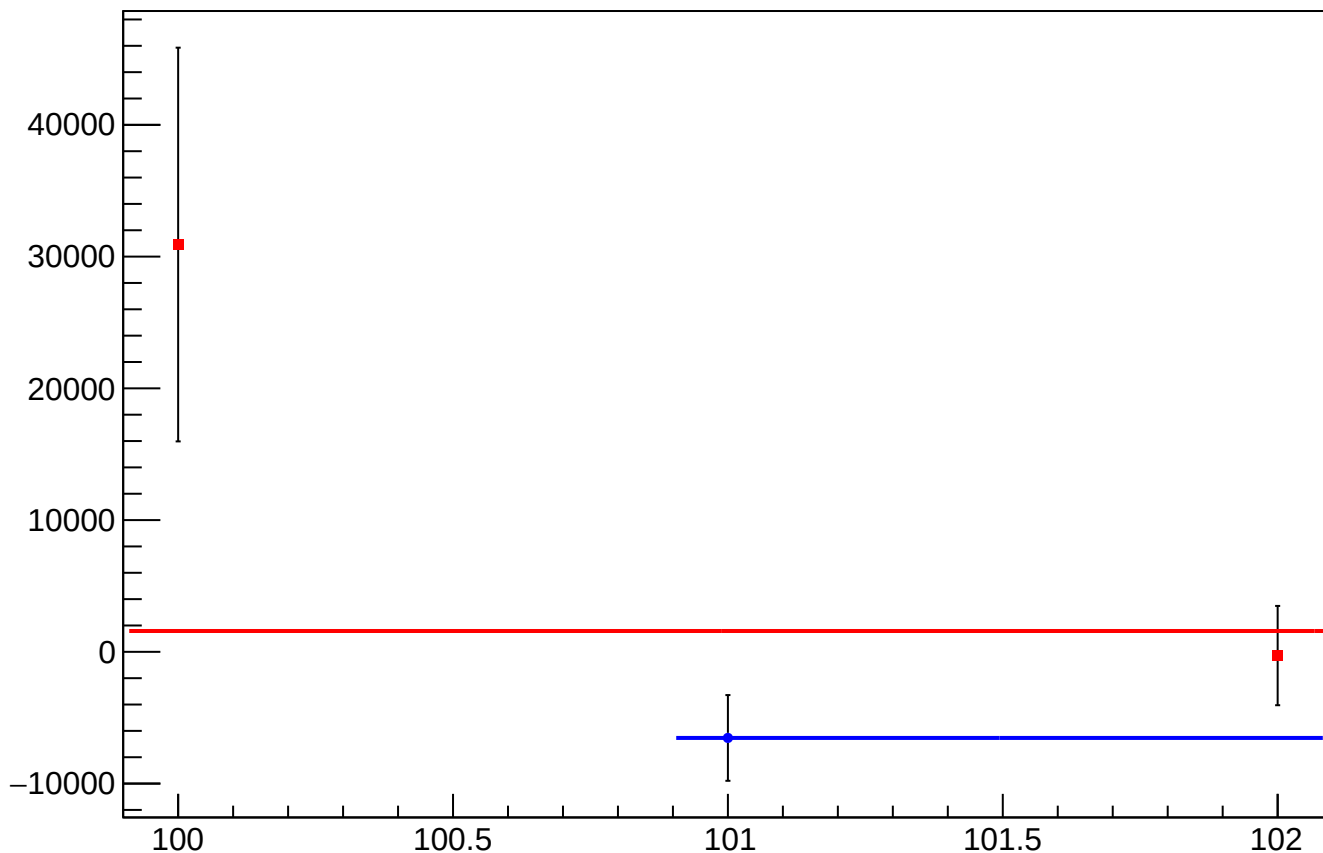
Right: 25.439+/-0.015 χ^2/NDF : 942.4/2

In: 25.248+/-0.022 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.439+/-0.015 χ^2/NDF : 942.4/2

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -6535.352+/-3253.604 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1582.126+/-3654.250 χ^2/NDF : 4.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

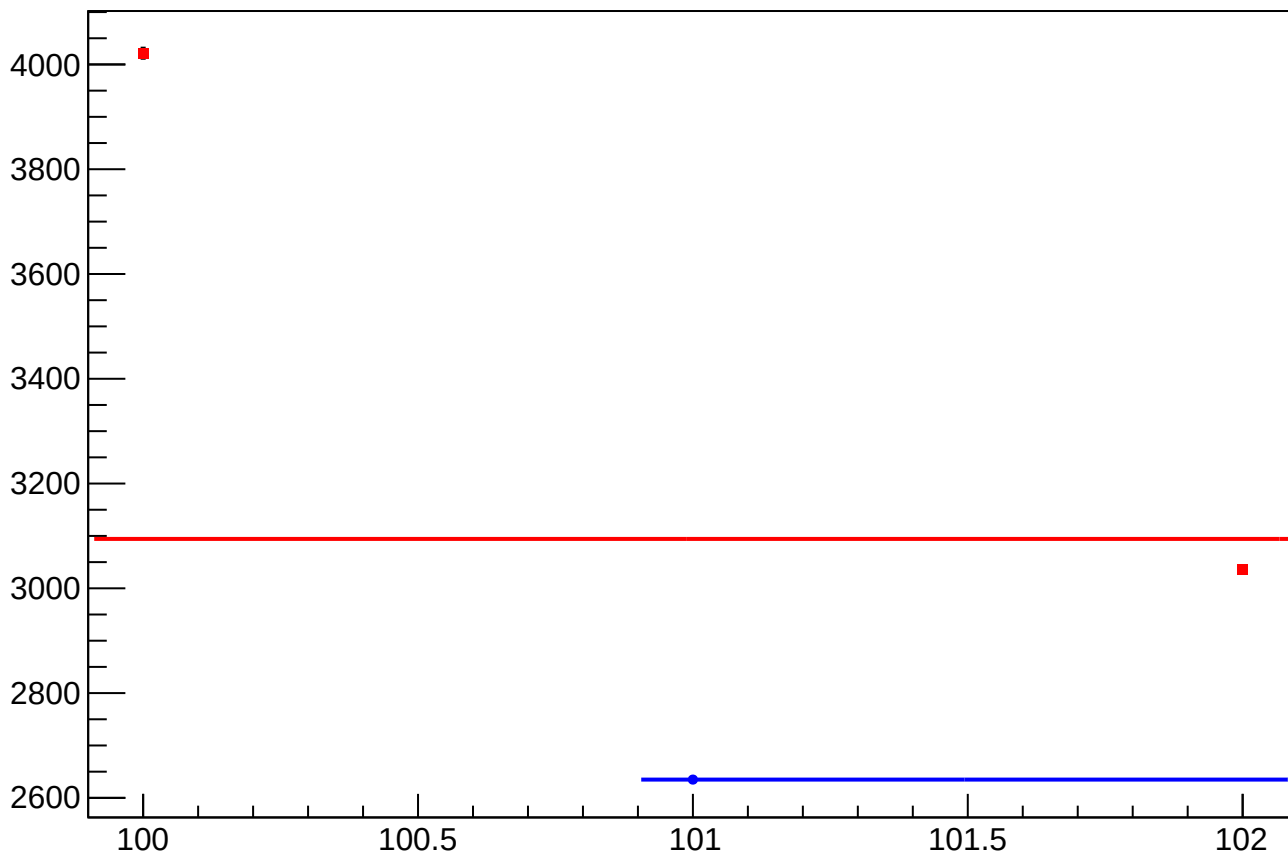
Right: -2945.838+/-2429.996 χ^2/NDF : 6.9/2

In: -6535.352+/-3253.604 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2945.838+/-2429.996 χ^2/NDF : 6.9/2

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 2634.876 $\pm$ 2.301 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3094.296 $\pm$ 2.584 χ^2 /NDF: 8189.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

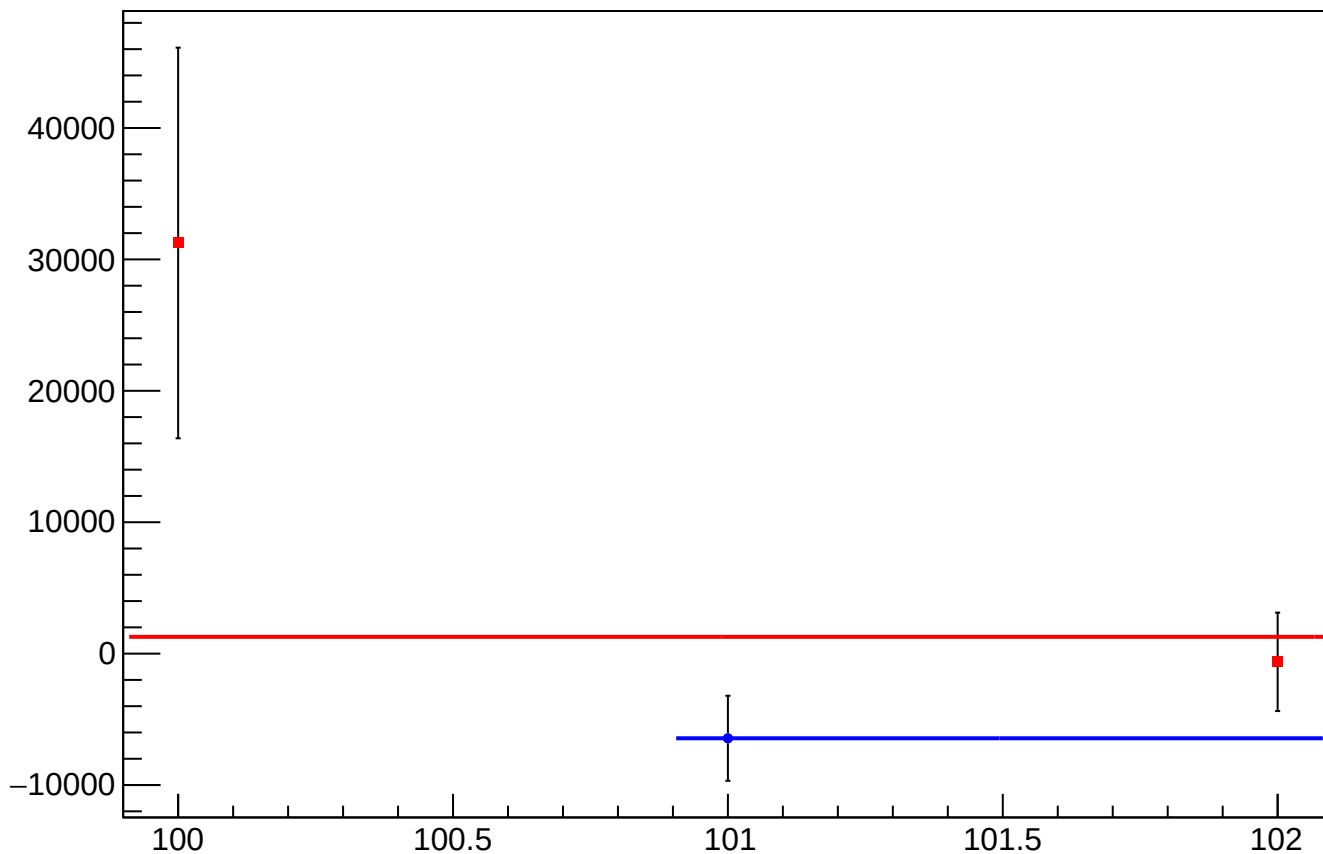
Right: 2838.029 $\pm$ 1.718 χ^2 /NDF: 25822.8/2

In: 2634.876 $\pm$ 2.301 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2838.029 $\pm$ 1.718 χ^2 /NDF: 25822.8/2

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -6441.767+/-3235.351 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1277.895+/-3630.954 χ^2/NDF : 4.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

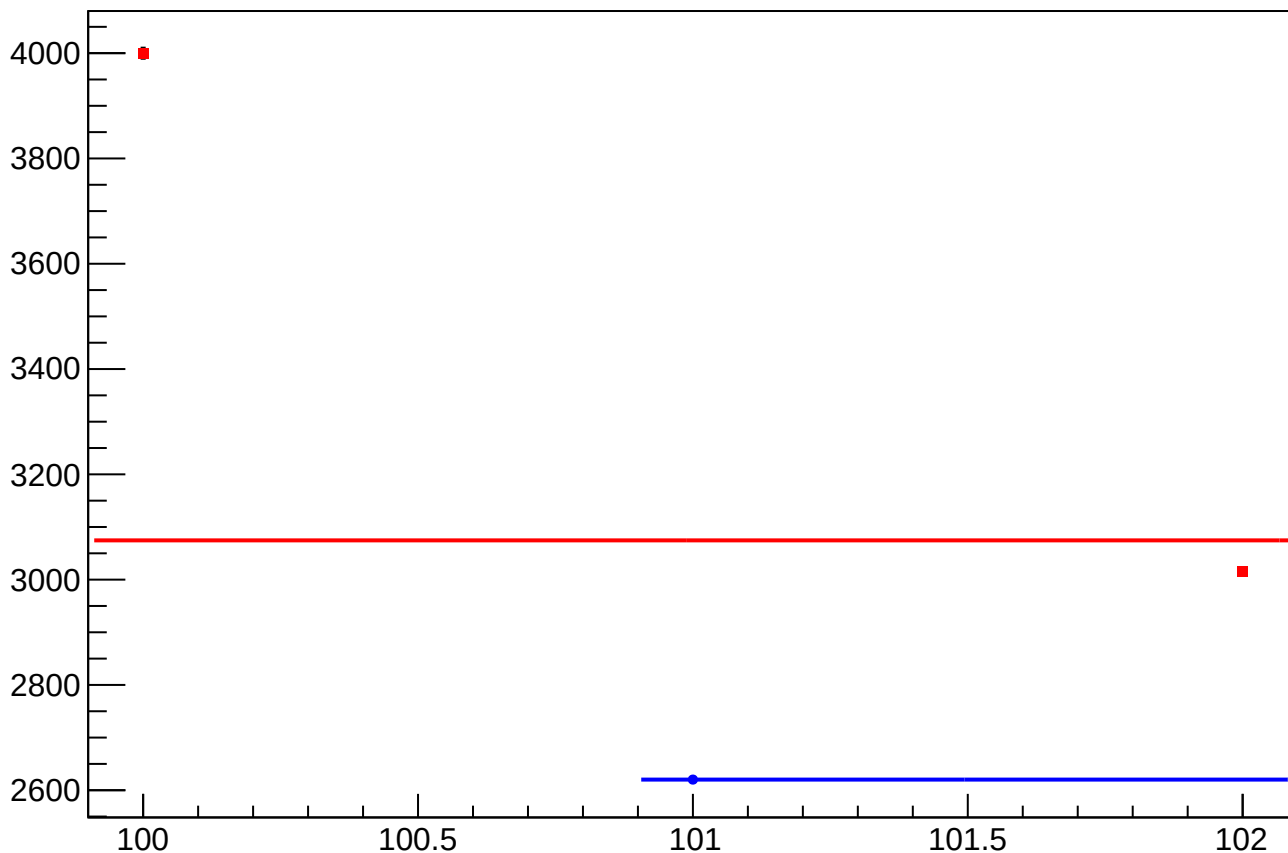
Right: -3025.234+/-2415.541 χ^2/NDF : 6.8/2

In: -6441.767+/-3235.351 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3025.234+/-2415.541 χ^2/NDF : 6.8/2

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 2620.197 $\pm$ 2.288 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3074.577 $\pm$ 2.567 χ^2 /NDF: 8244.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

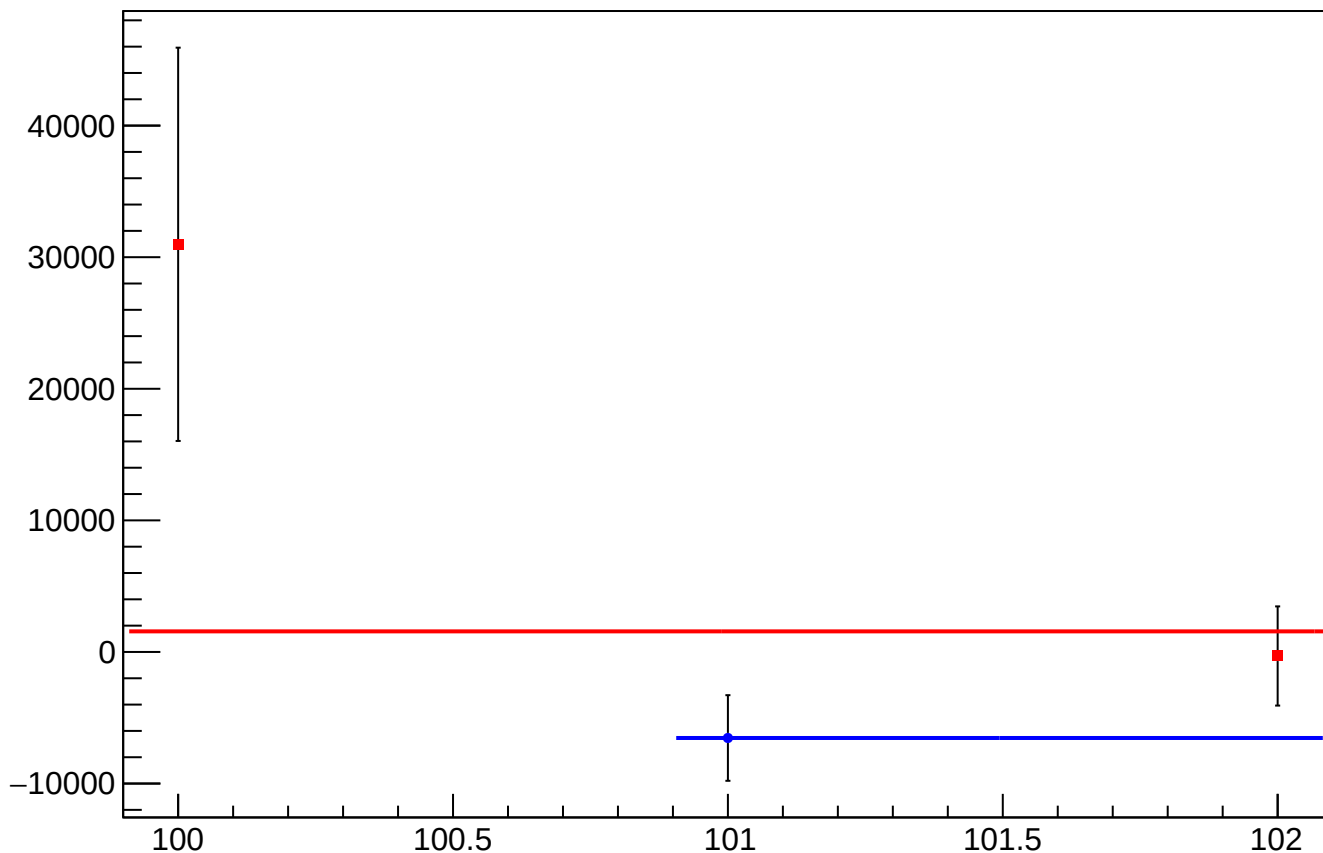
Right: 2821.294 $\pm$ 1.708 χ^2 /NDF: 25702.9/2

In: 2620.197 $\pm$ 2.288 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2821.294 $\pm$ 1.708 χ^2 /NDF: 25702.9/2

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -6537.401+/-3253.626 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1564.670+/-3654.249 χ^2/NDF : 4.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

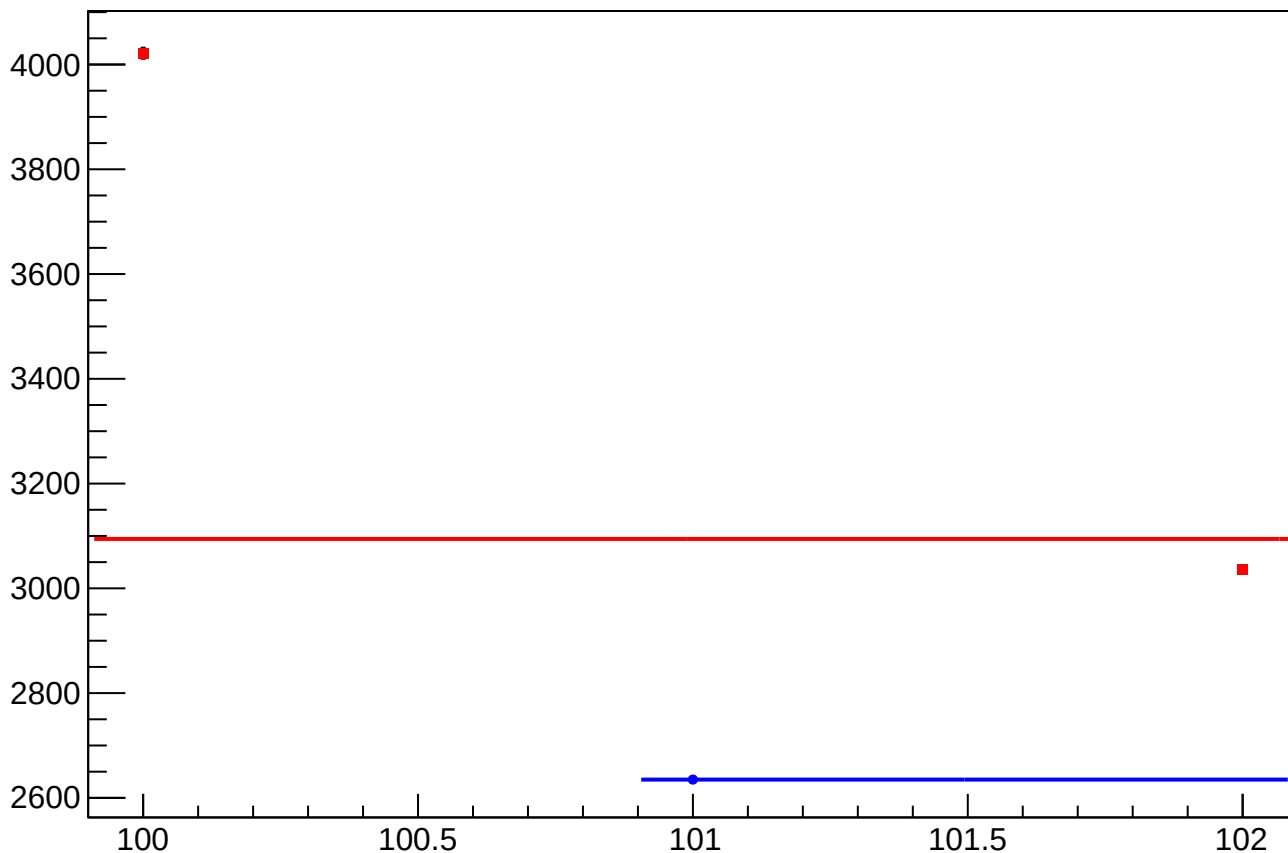
Right: -2954.671+/-2430.005 χ^2/NDF : 6.9/2

In: -6537.401+/-3253.626 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2954.671+/-2430.005 χ^2/NDF : 6.9/2

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 2634.896 $\pm$ 2.301 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3094.293 $\pm$ 2.584 χ^2 /NDF: 8191.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

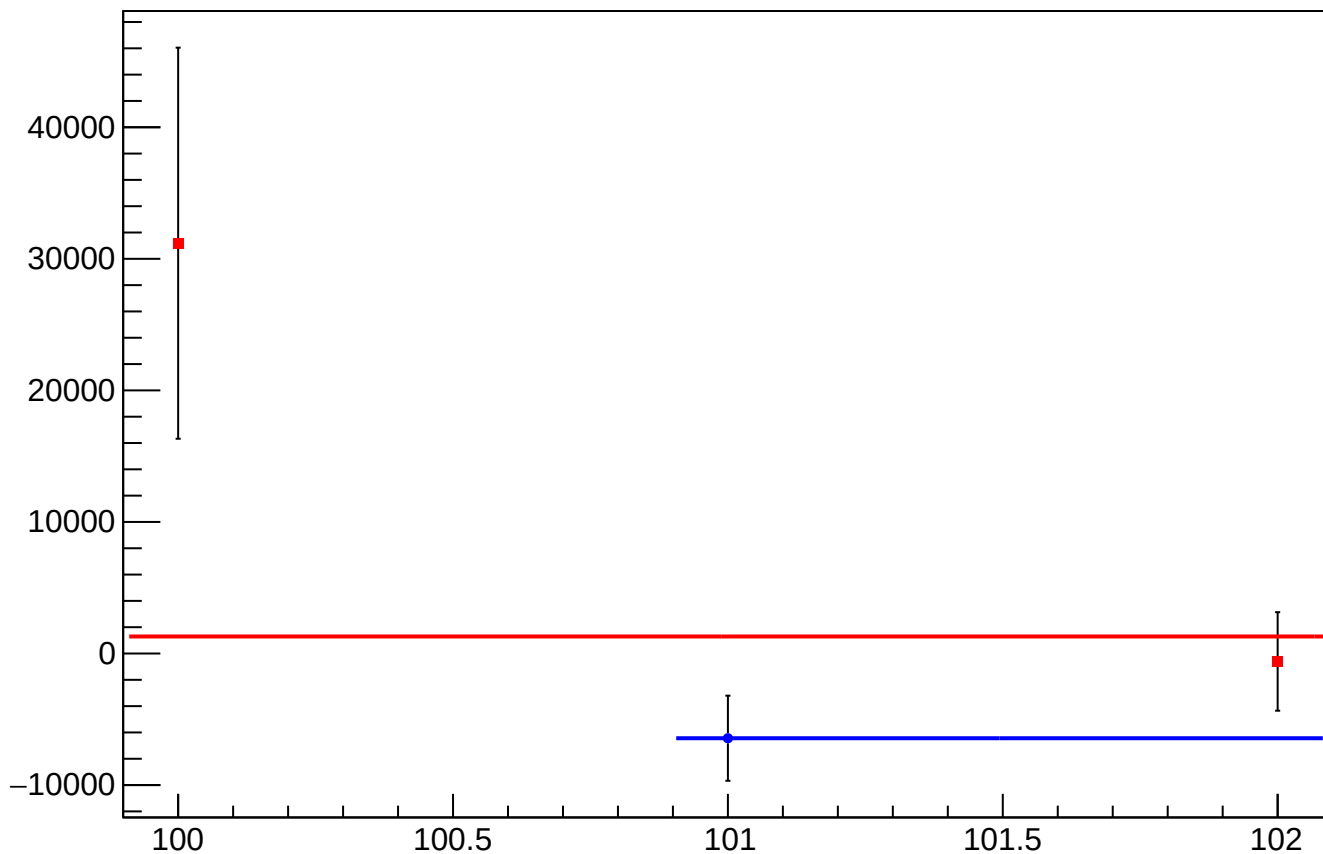
Right: 2838.041 $\pm$ 1.718 χ^2 /NDF: 25822.6/2

In: 2634.896 $\pm$ 2.301 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2838.041 $\pm$ 1.718 χ^2 /NDF: 25822.6/2

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -6439.681+/-3235.233 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1294.282+/-3630.814 χ^2/NDF : 4.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

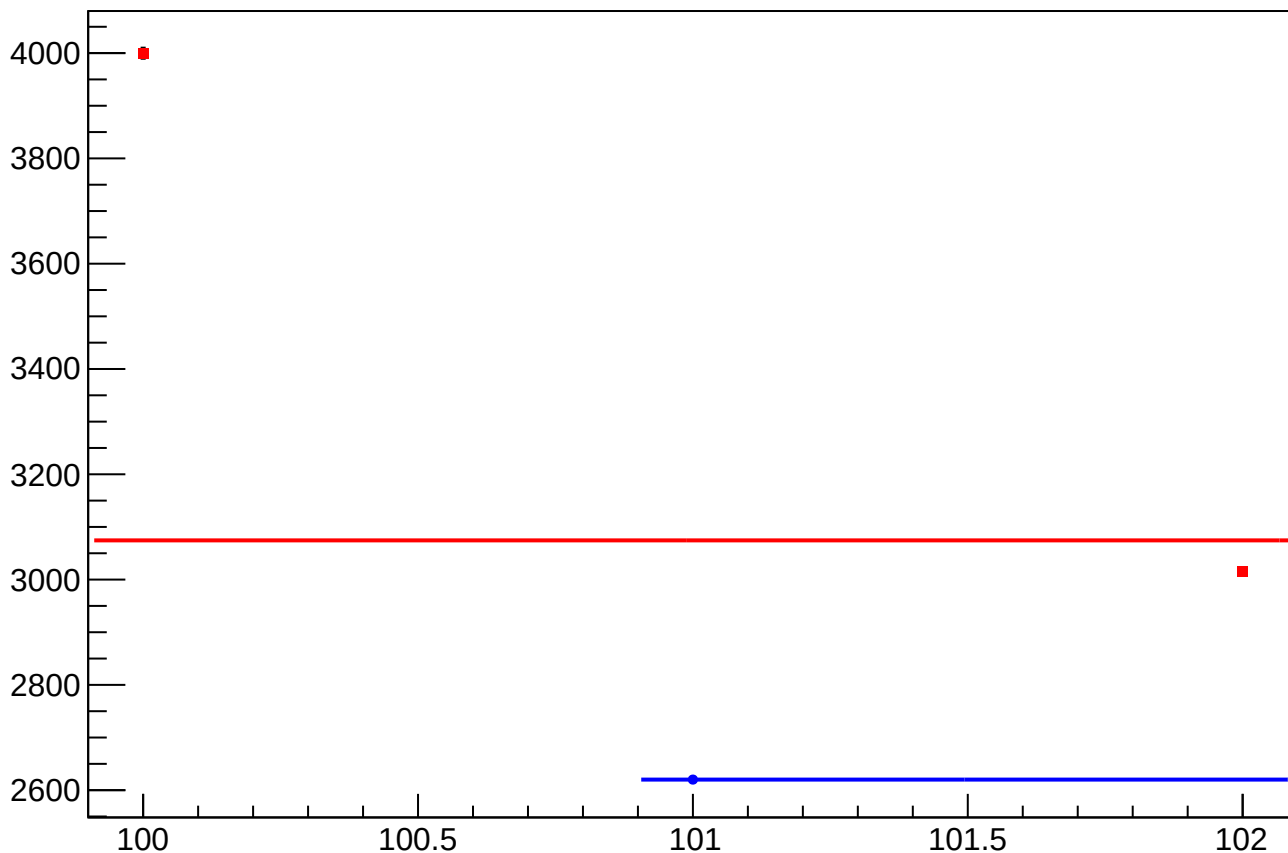
Right: -3016.810+/-2415.451 χ^2/NDF : 6.8/2

In: -6439.681+/-3235.233 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3016.810+/-2415.451 χ^2/NDF : 6.8/2

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 2620.100+/-2.288 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3074.458+/-2.567 χ^2/NDF : 8244.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

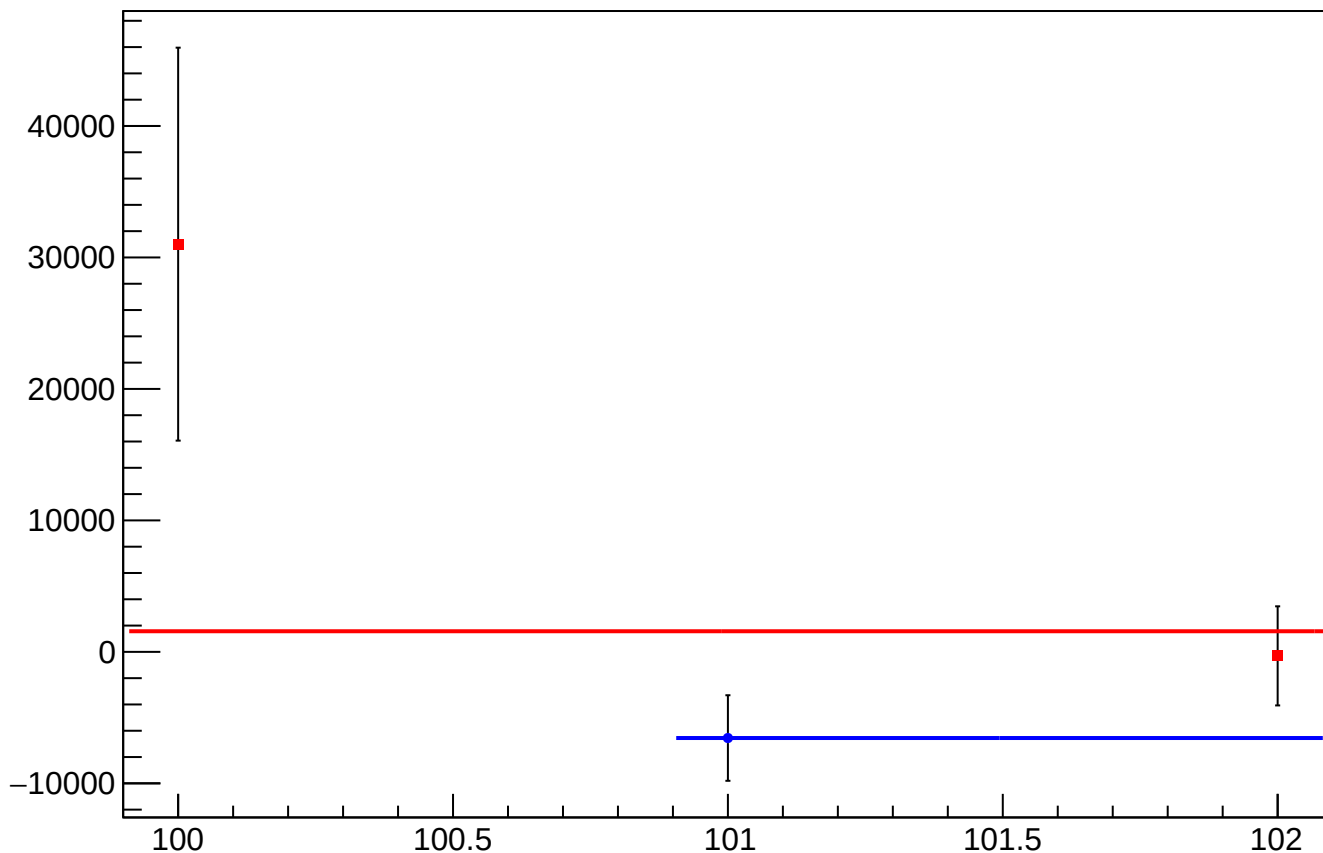
Right: 2821.188+/-1.708 χ^2/NDF : 25703.0/2

In: 2620.100+/-2.288 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2821.188+/-1.708 χ^2/NDF : 25703.0/2

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -6552.526+/-3253.964 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1568.441+/-3654.708 χ^2/NDF : 4.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

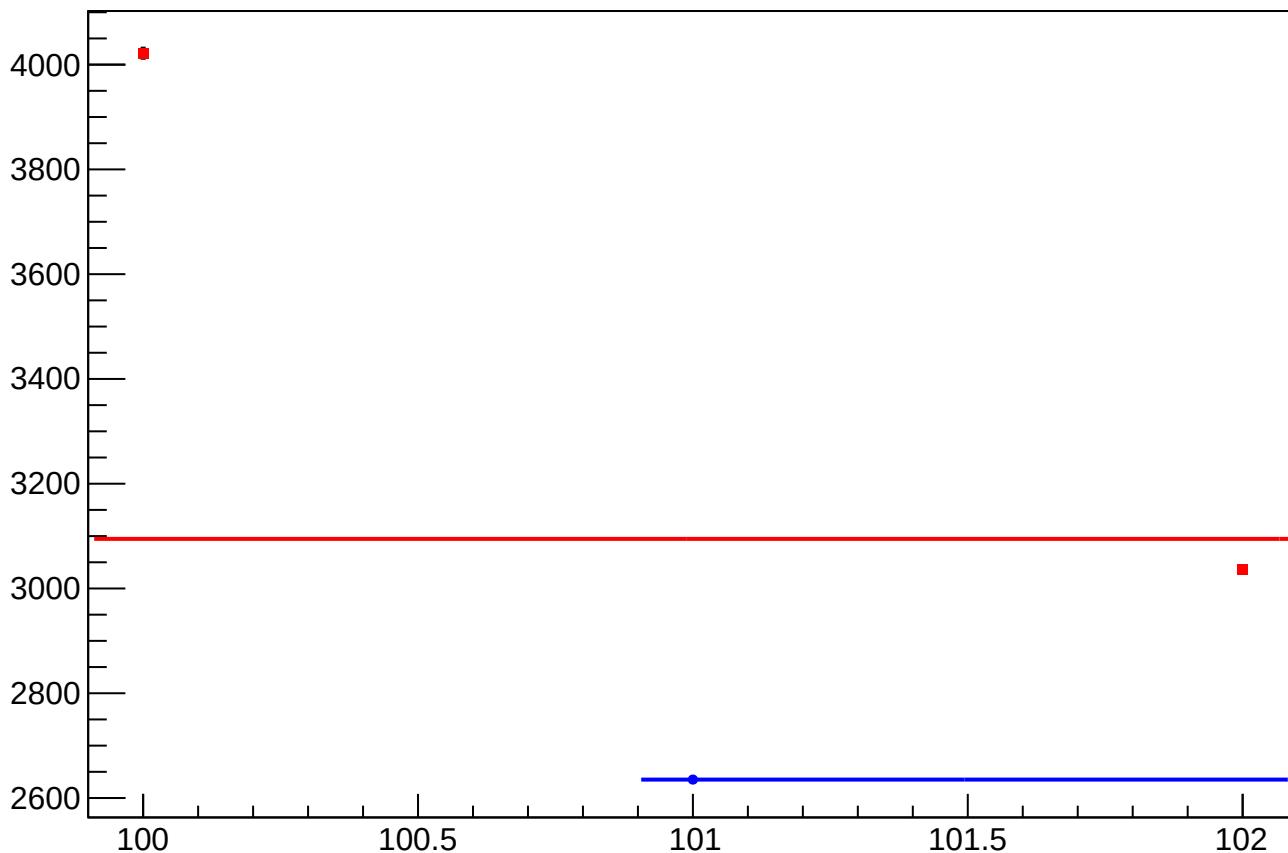
Right: -2961.527+/-2430.281 χ^2/NDF : 6.9/2

In: -6552.526+/-3253.964 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2961.527+/-2430.281 χ^2/NDF : 6.9/2

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 2635.168+/-2.301 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3094.685+/-2.584 χ^2/NDF : 8187.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

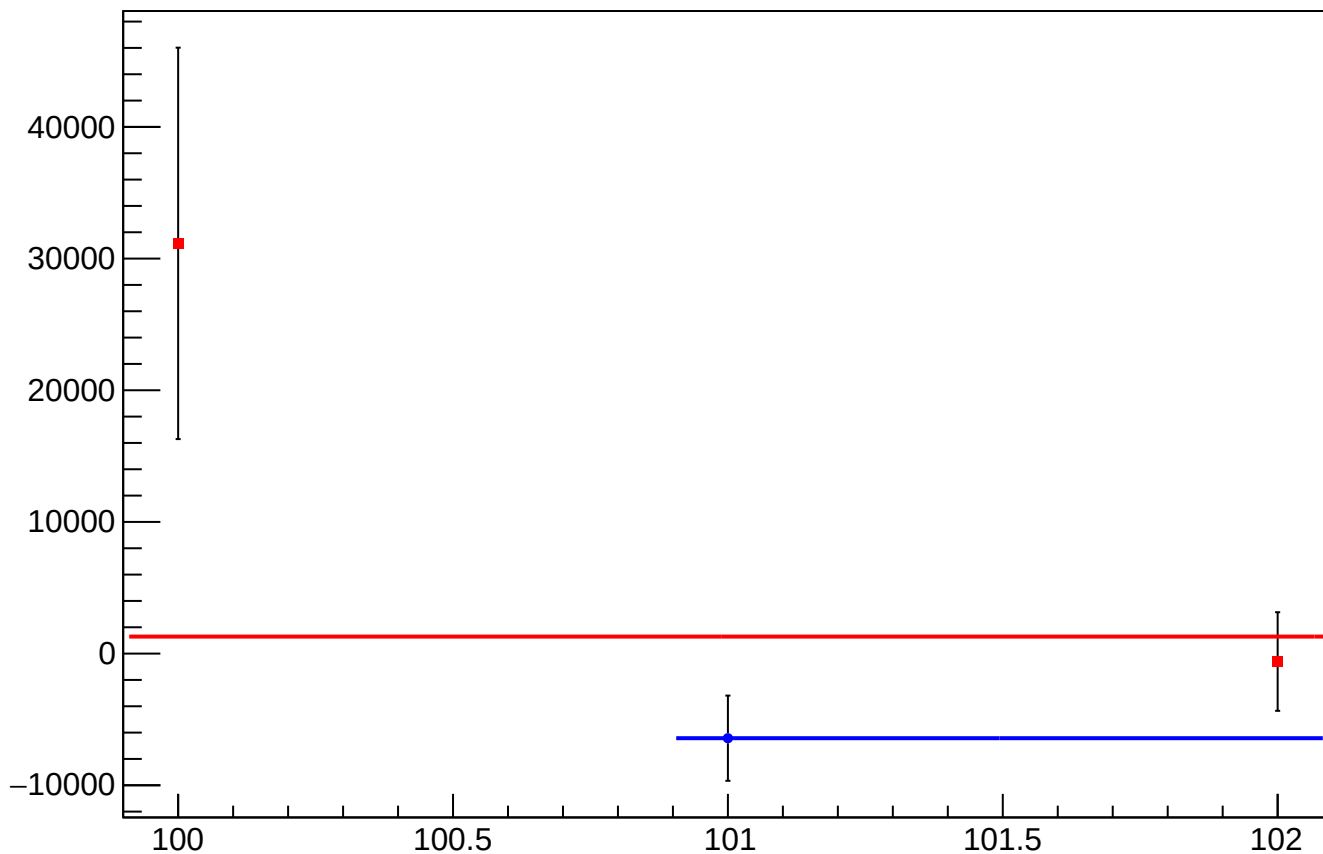
Right: 2838.361+/-1.718 χ^2/NDF : 25823.9/2

In: 2635.168+/-2.301 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2838.361+/-1.718 χ^2/NDF : 25823.9/2

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -6425.103 $\pm$ 3235.374 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1292.499 $\pm$ 3630.914 χ^2 /NDF: 4.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

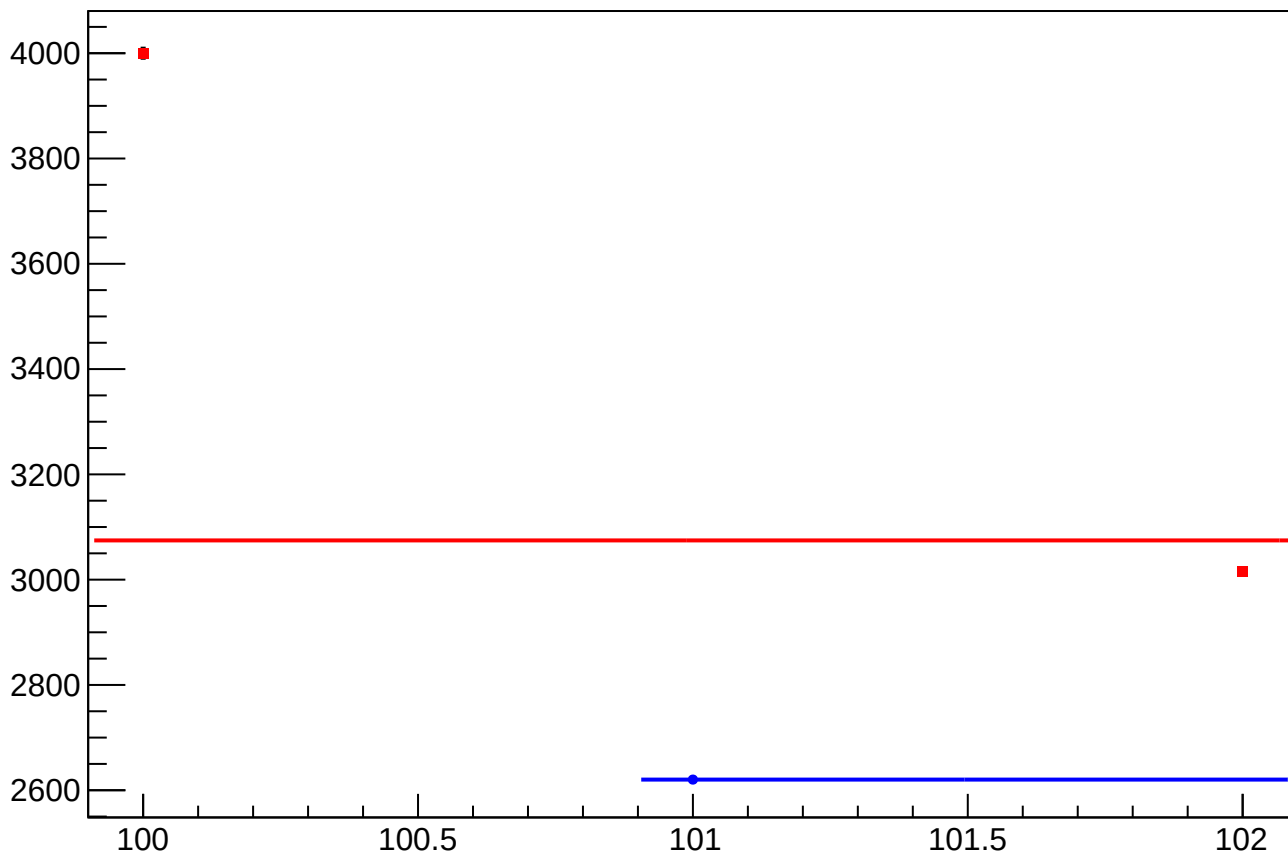
Right: -3009.413 $\pm$ 2415.539 χ^2 /NDF: 6.8/2

In: -6425.103 $\pm$ 3235.374 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3009.413 $\pm$ 2415.539 χ^2 /NDF: 6.8/2

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 2620.214 $\pm$ 2.288 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3074.541 $\pm$ 2.567 χ^2 /NDF: 8246.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

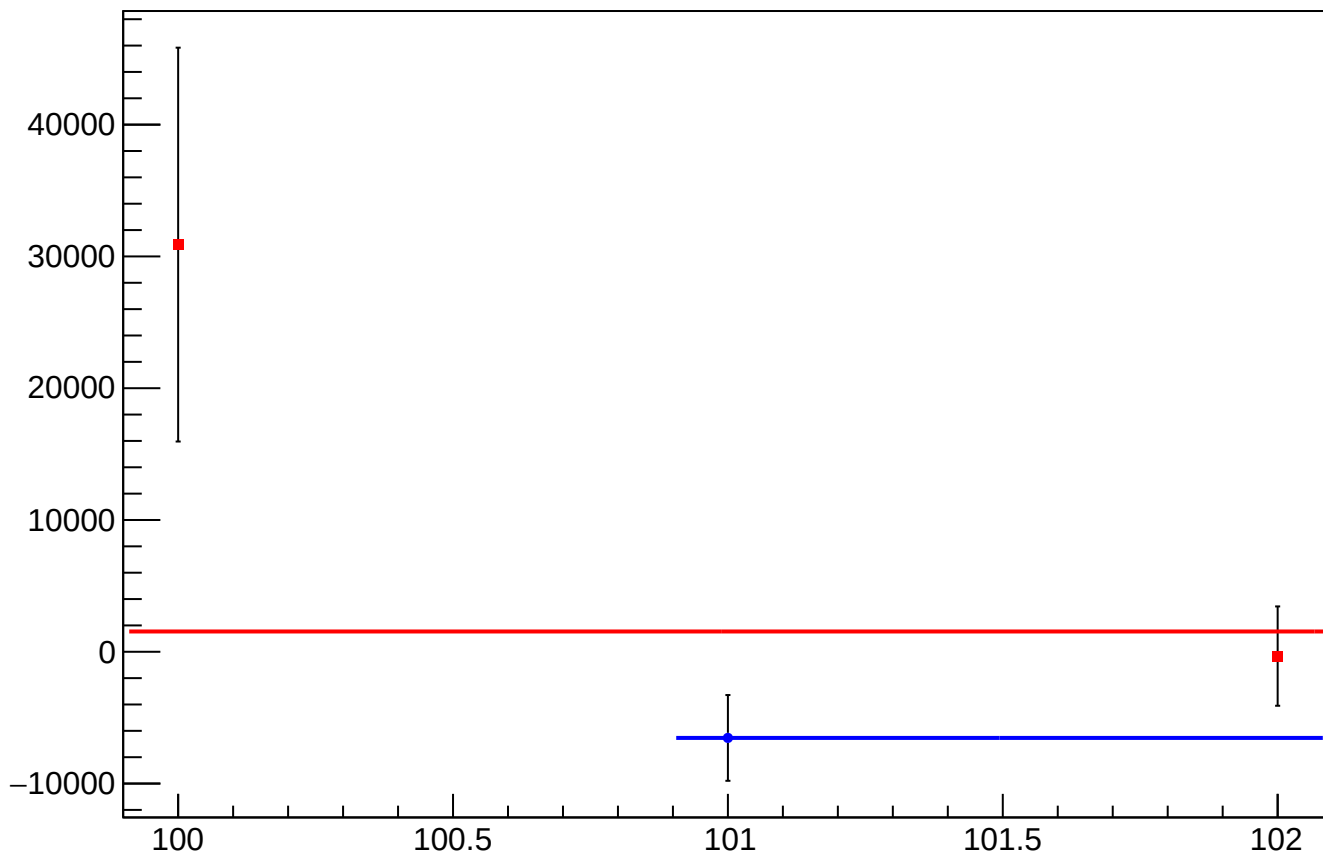
Right: 2821.292 $\pm$ 1.708 χ^2 /NDF: 25701.1/2

In: 2620.214 $\pm$ 2.288 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2821.292 $\pm$ 1.708 χ^2 /NDF: 25701.1/2

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -6536.663+/-3253.964 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1540.174+/-3654.672 χ^2/NDF : 4.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

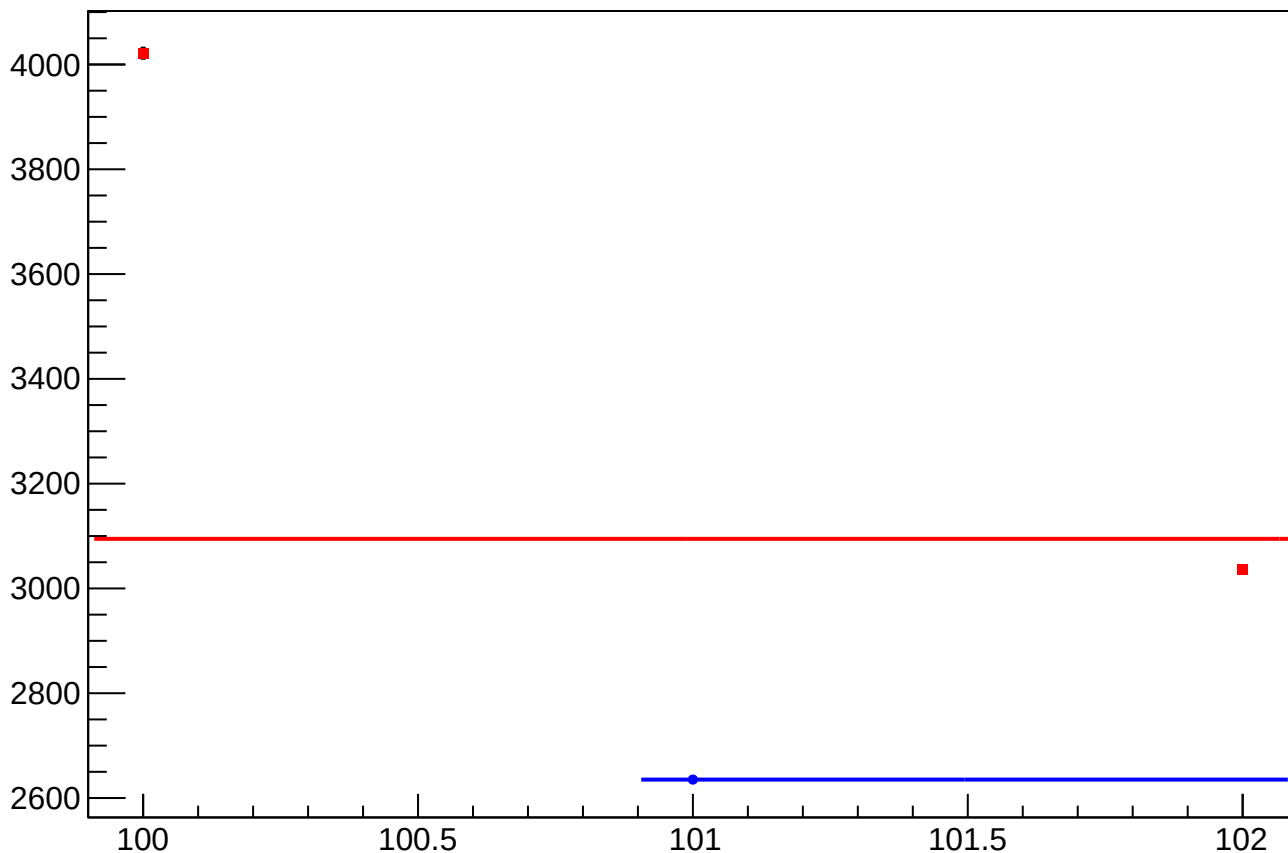
Right: -2965.139+/-2430.270 χ^2/NDF : 6.8/2

In: -6536.663+/-3253.964 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2965.139+/-2430.270 χ^2/NDF : 6.8/2

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 2635.167 $\pm$ 2.301 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3094.655 $\pm$ 2.584 χ^2 /NDF: 8184.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

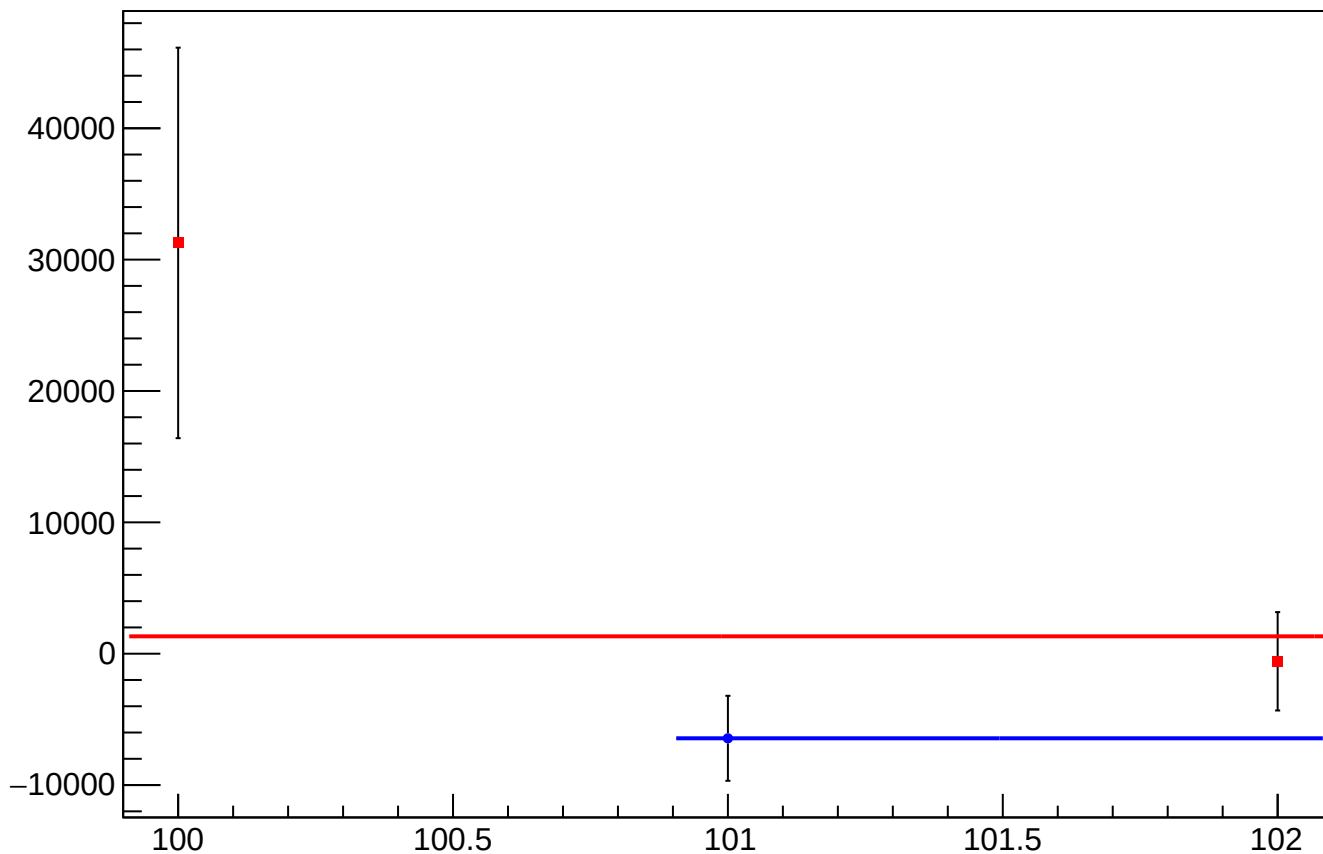
Right: 2838.350 $\pm$ 1.718 χ^2 /NDF: 25818.8/2

In: 2635.167 $\pm$ 2.301 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2838.350 $\pm$ 1.718 χ^2 /NDF: 25818.8/2

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -6439.759+/-3235.345 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1322.537+/-3631.018 χ^2/NDF : 4.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

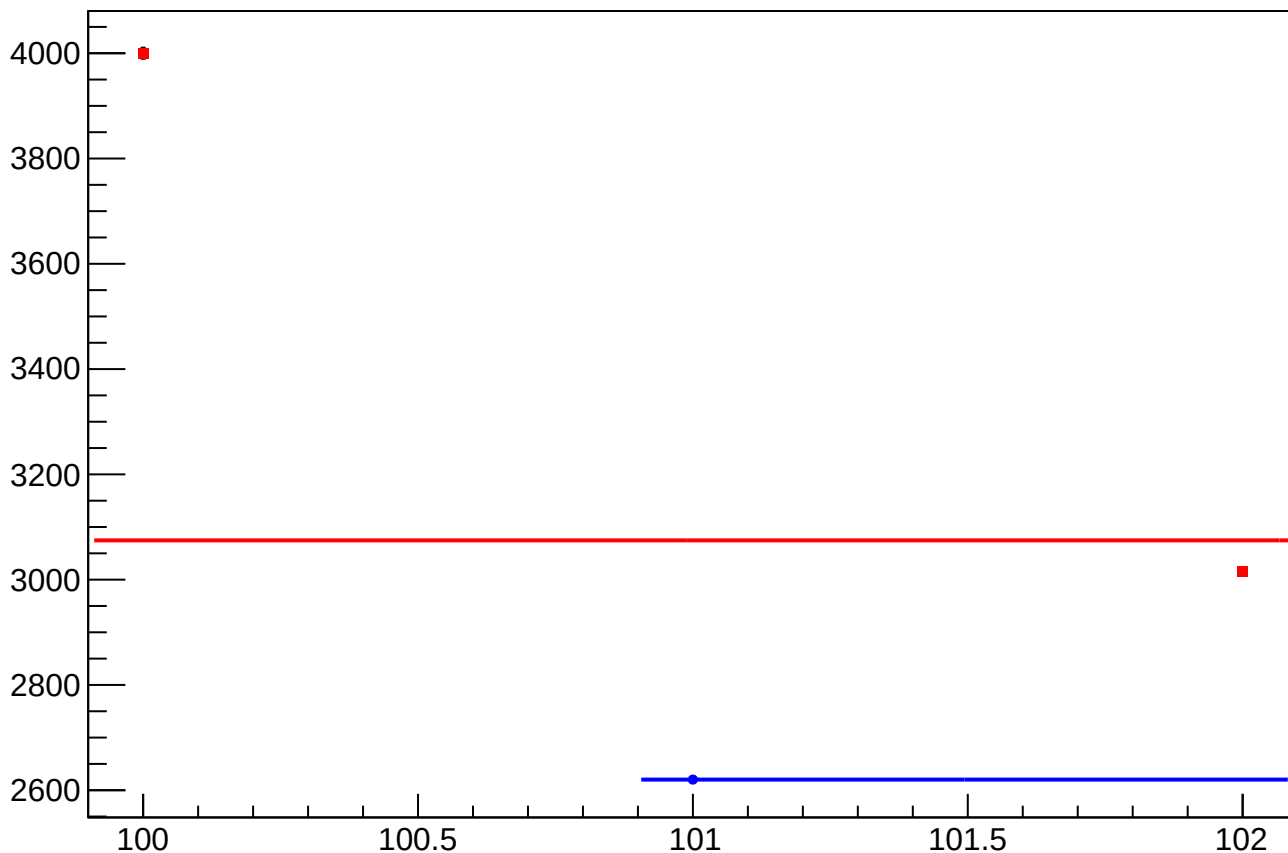
Right: -3004.432+/-2415.557 χ^2/NDF : 6.9/2

In: -6439.759+/-3235.345 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3004.432+/-2415.557 χ^2/NDF : 6.9/2

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 2620.190+/-2.288 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3074.630+/-2.568 χ^2/NDF : 8245.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

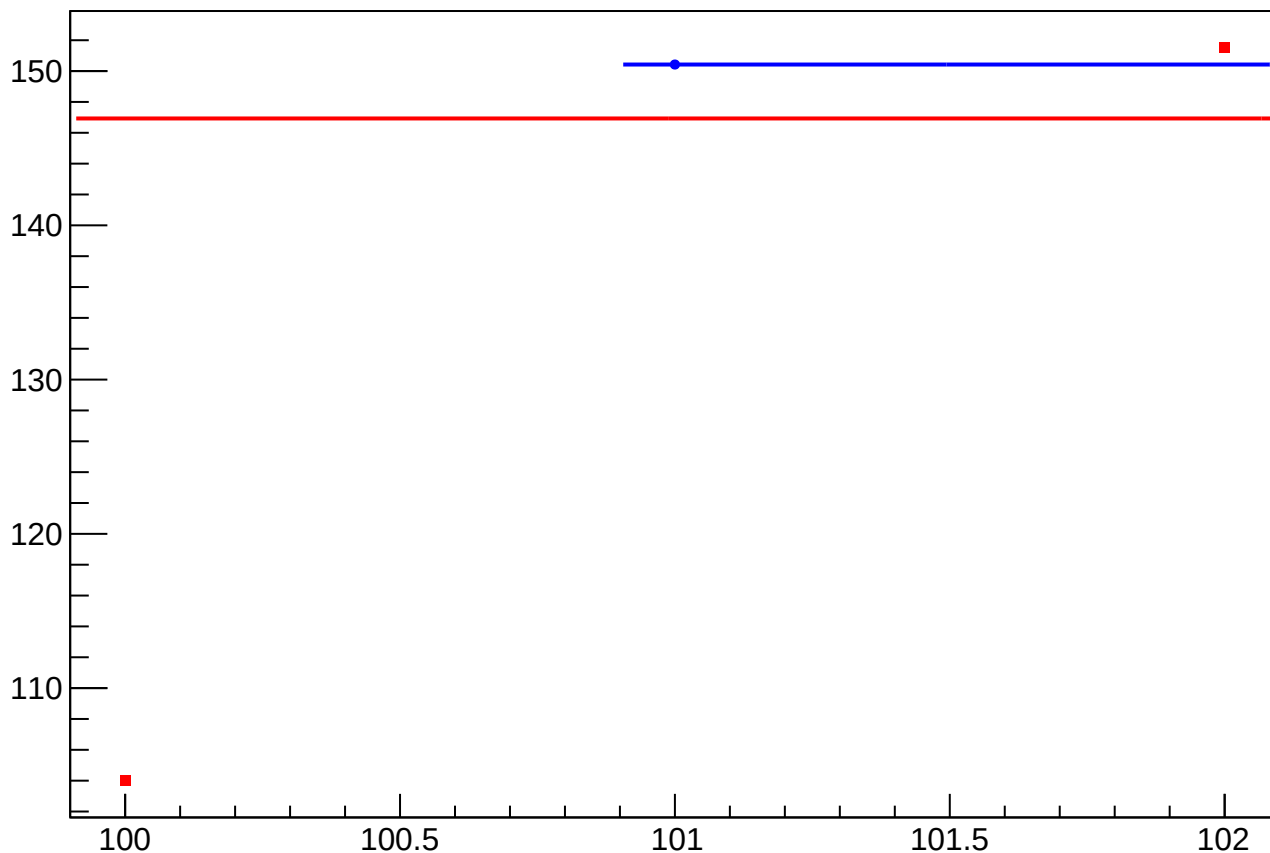
Right: 2821.309+/-1.708 χ^2/NDF : 25708.2/2

In: 2620.190+/-2.288 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2821.309+/-1.708 χ^2/NDF : 25708.2/2

yield_bcm_target_mean vs Slug, Sign Corrected



Right In: 150.425+/-0.001 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.928+/-0.001 χ^2/NDF : 183900420.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

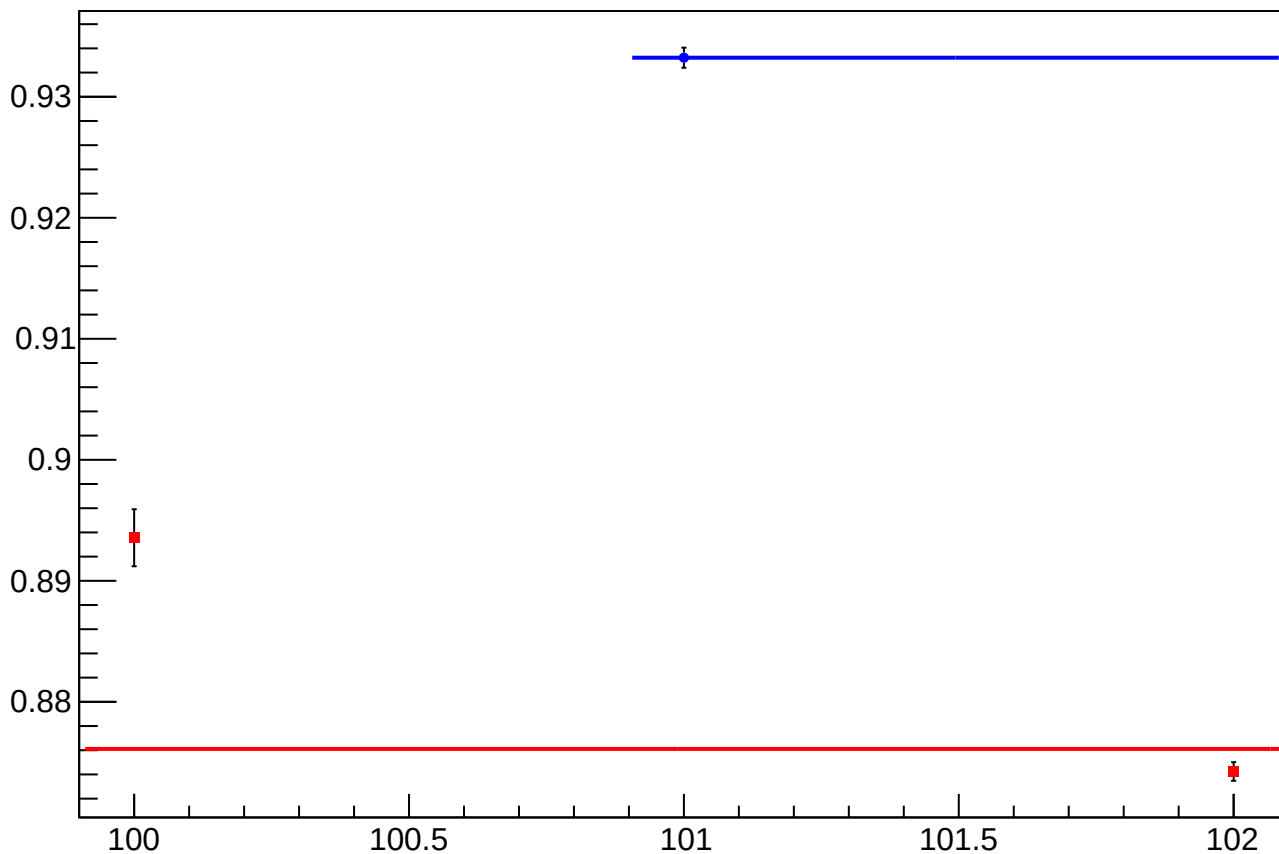
Right: 148.459+/-0.001 χ^2/NDF : 188897302.9/2

In: 150.425+/-0.001 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.459+/-0.001 χ^2/NDF : 188897302.9/2

yield_bcm_target_rms vs Slug, Sign Corrected



Right In: 0.933+/-0.001 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.876+/-0.001 χ^2/NDF : 60.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

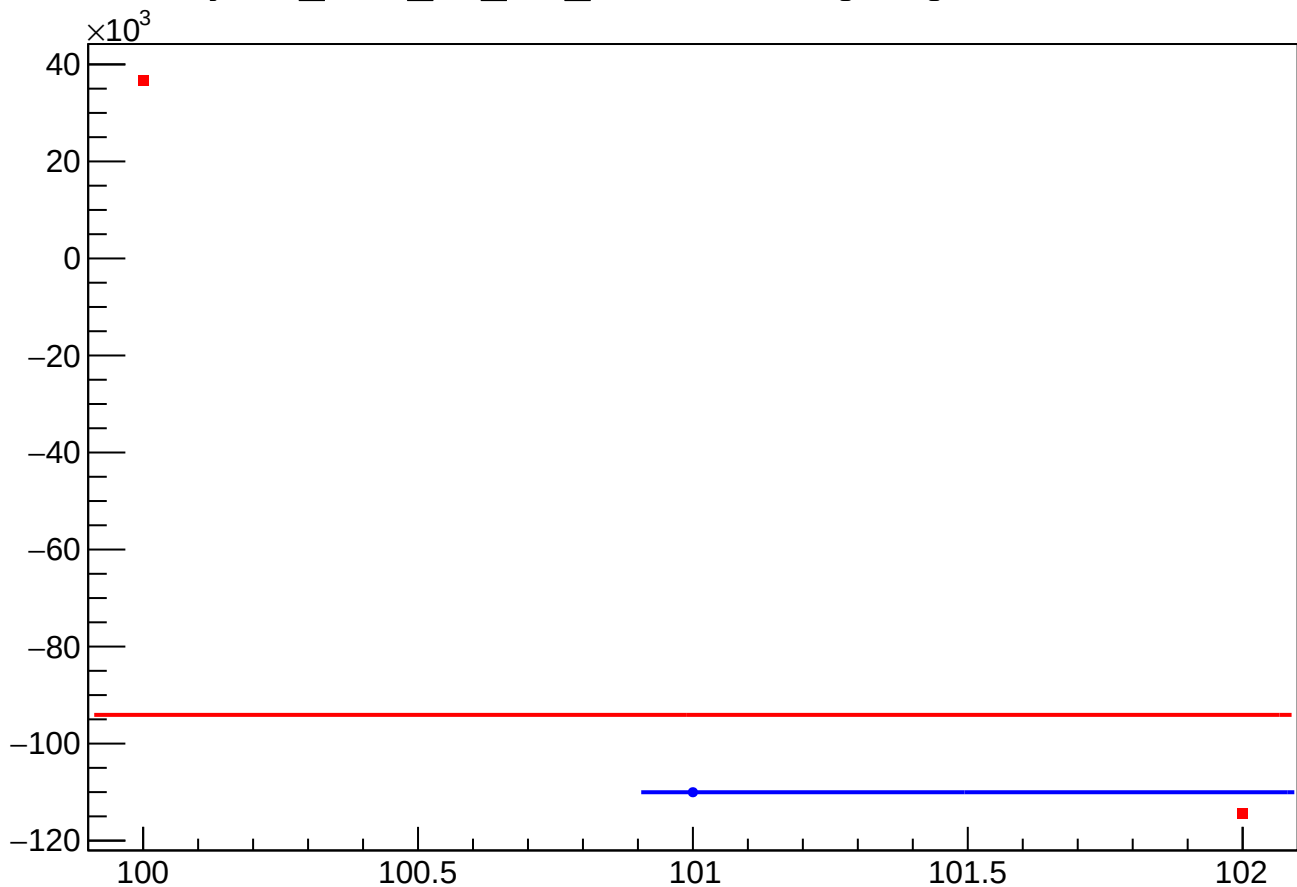
Right: 0.901+/-0.001 χ^2/NDF : 2727.5/2

In: 0.933+/-0.001 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.901+/-0.001 χ^2/NDF : 2727.5/2

yield_bcm_an_diff_mean vs Slug, Sign Corrected



Right In: -110026.328+/-7.018 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -94079.163+/-5.622 χ^2/NDF : 84298733.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

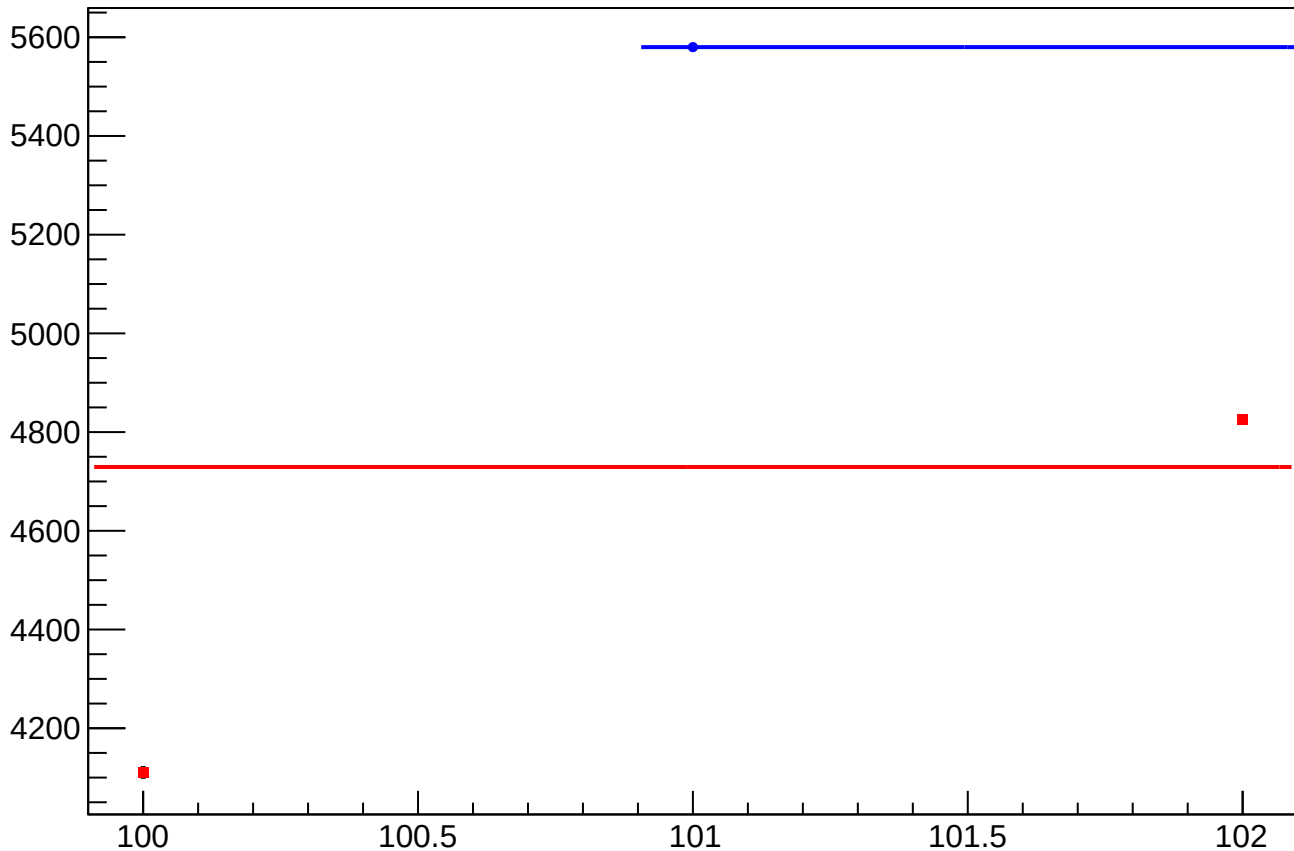
Right: -100312.836+/-4.388 χ^2/NDF : 87443889.7/2

In: -110026.328+/-7.018 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -100312.836+/-4.388 χ^2/NDF : 87443889

yield_bcm_an_diff_rms vs Slug, Sign Corrected



Right In: 5579.997 $\pm$ 4.962 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4729.280 $\pm$ 3.975 χ^2 /NDF: 3779.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

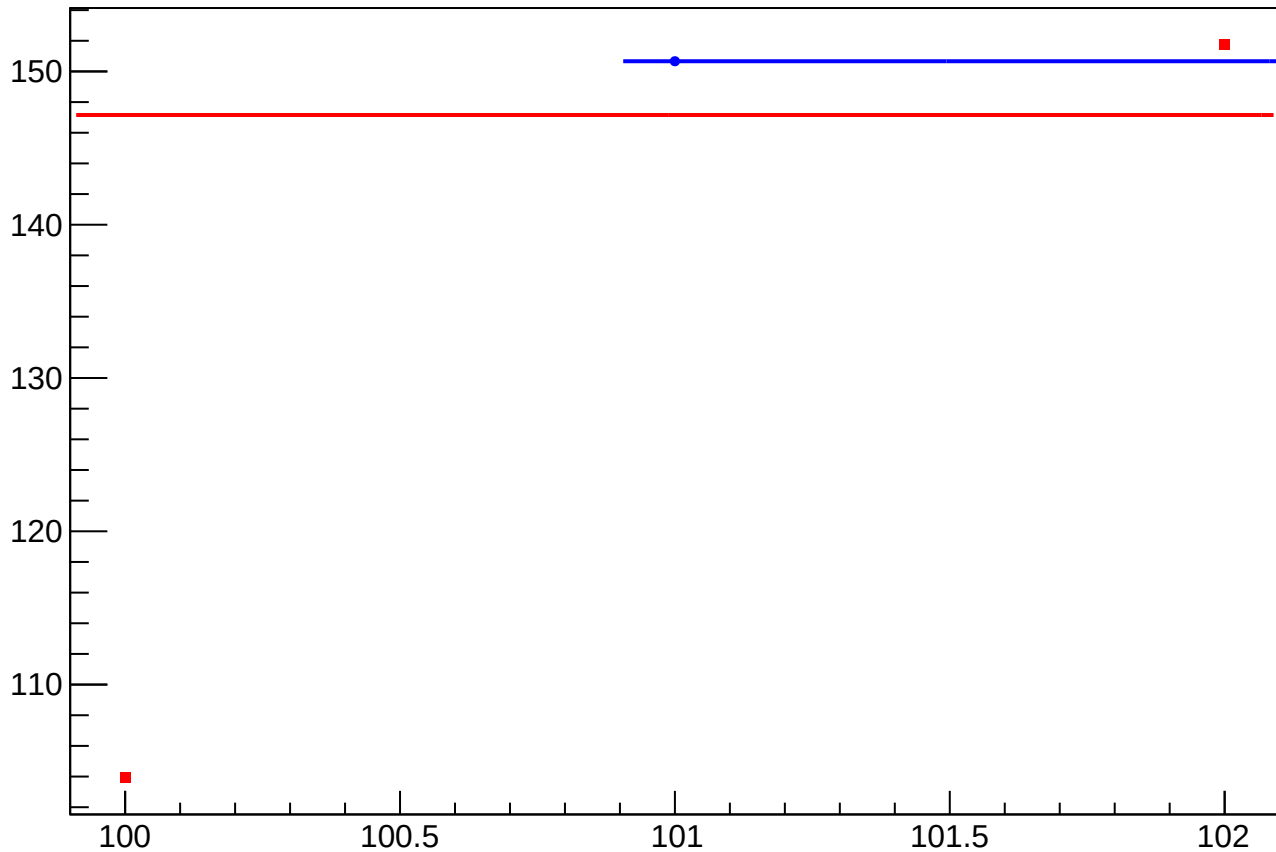
Right: 5061.821 $\pm$ 3.103 χ^2 /NDF: 21680.5/2

In: 5579.997 $\pm$ 4.962 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5061.821 $\pm$ 3.103 χ^2 /NDF: 21680.5/2

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 150.665 $\pm$ 0.001 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 147.158 $\pm$ 0.001 χ^2 /NDF: 186827486.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

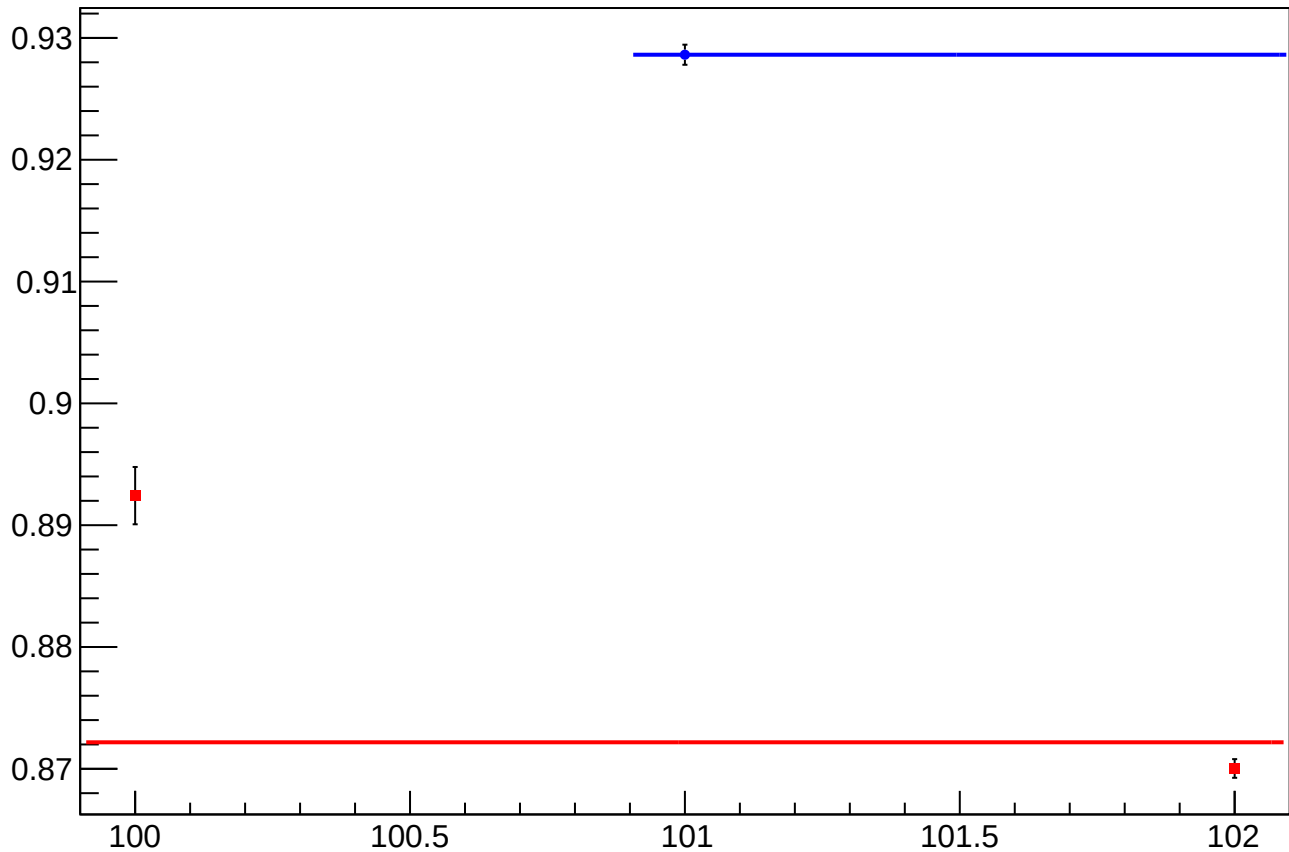
Right: 148.694 $\pm$ 0.001 χ^2 /NDF: 191904335.7/2

In: 150.665 $\pm$ 0.001 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 148.694 $\pm$ 0.001 χ^2 /NDF: 191904335.7/2

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.929 $\pm$ 0.001 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.872 $\pm$ 0.001 χ^2 /NDF: 82.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

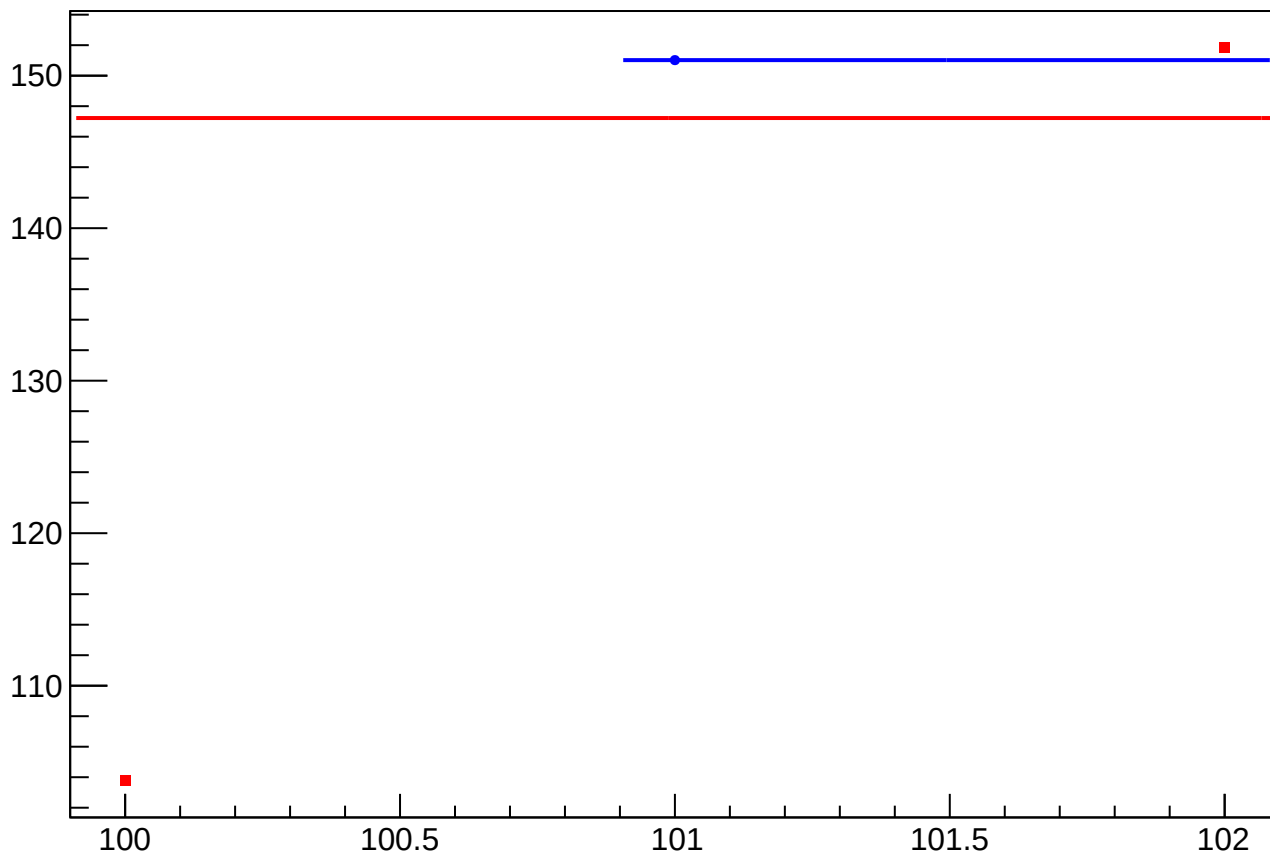
Right: 0.897 $\pm$ 0.001 χ^2 /NDF: 2711.0/2

In: 0.929 $\pm$ 0.001 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.897 $\pm$ 0.001 χ^2 /NDF: 2711.0/2

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 151.020 $\pm$ 0.001 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 147.223 $\pm$ 0.001 χ^2 /NDF: 185735213.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

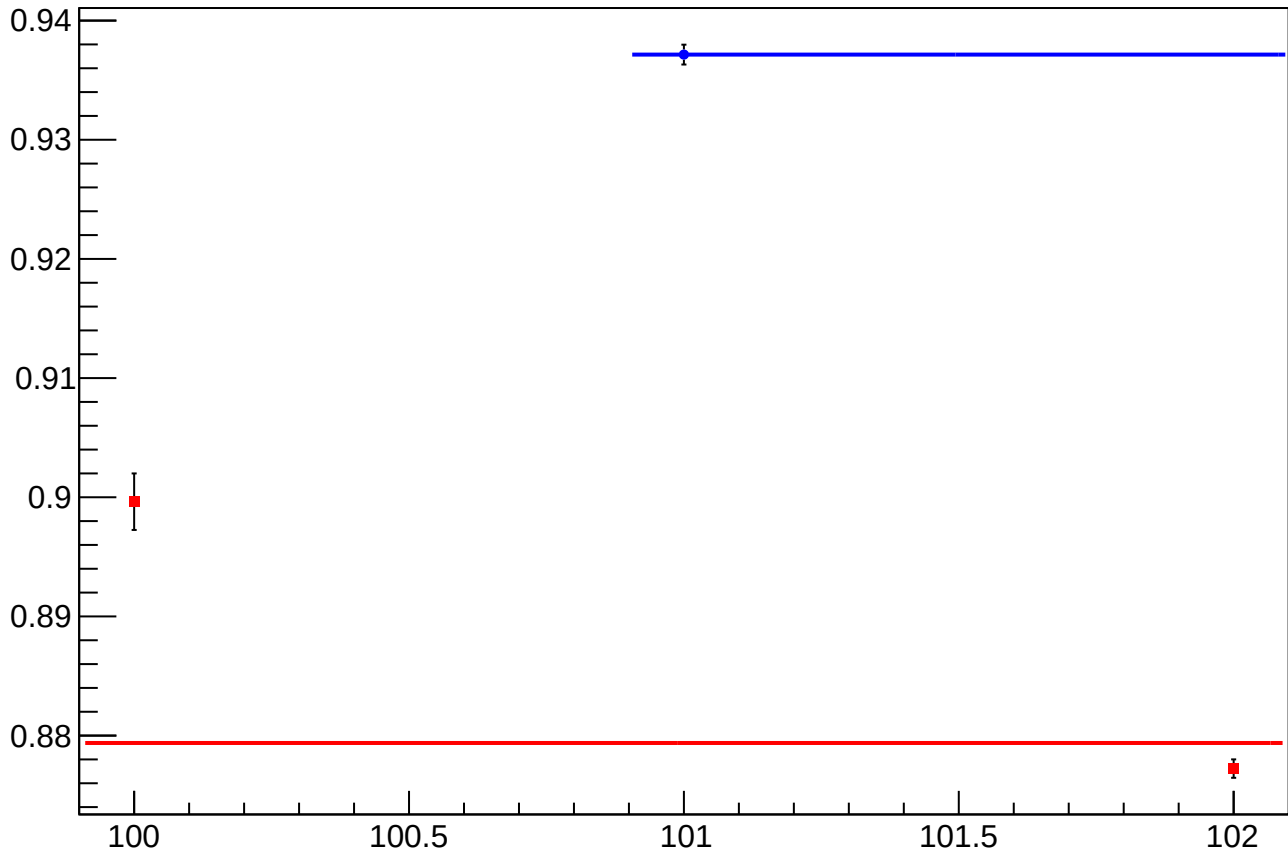
Right: 148.884 $\pm$ 0.001 χ^2 /NDF: 191582526.1/2

In: 151.020 $\pm$ 0.001 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 148.884 $\pm$ 0.001 χ^2 /NDF: 191582526.1/2

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.937 $\pm$ 0.001 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.879 $\pm$ 0.001 χ^2 /NDF: 80.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

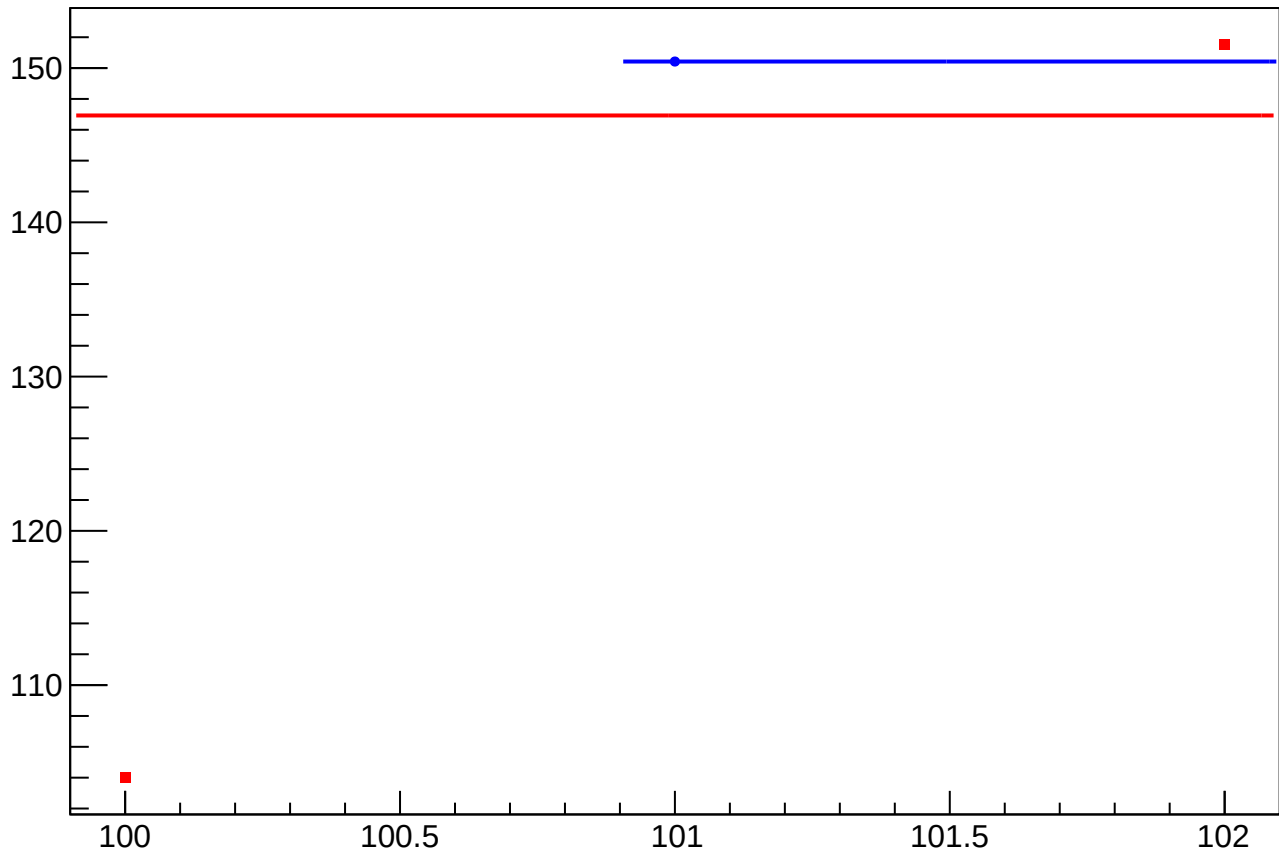
Right: 0.905 $\pm$ 0.001 χ^2 /NDF: 2786.5/2

In: 0.937 $\pm$ 0.001 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.905 $\pm$ 0.001 χ^2 /NDF: 2786.5/2

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 150.425+/-0.001 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.928+/-0.001 χ^2/NDF : 183900420.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

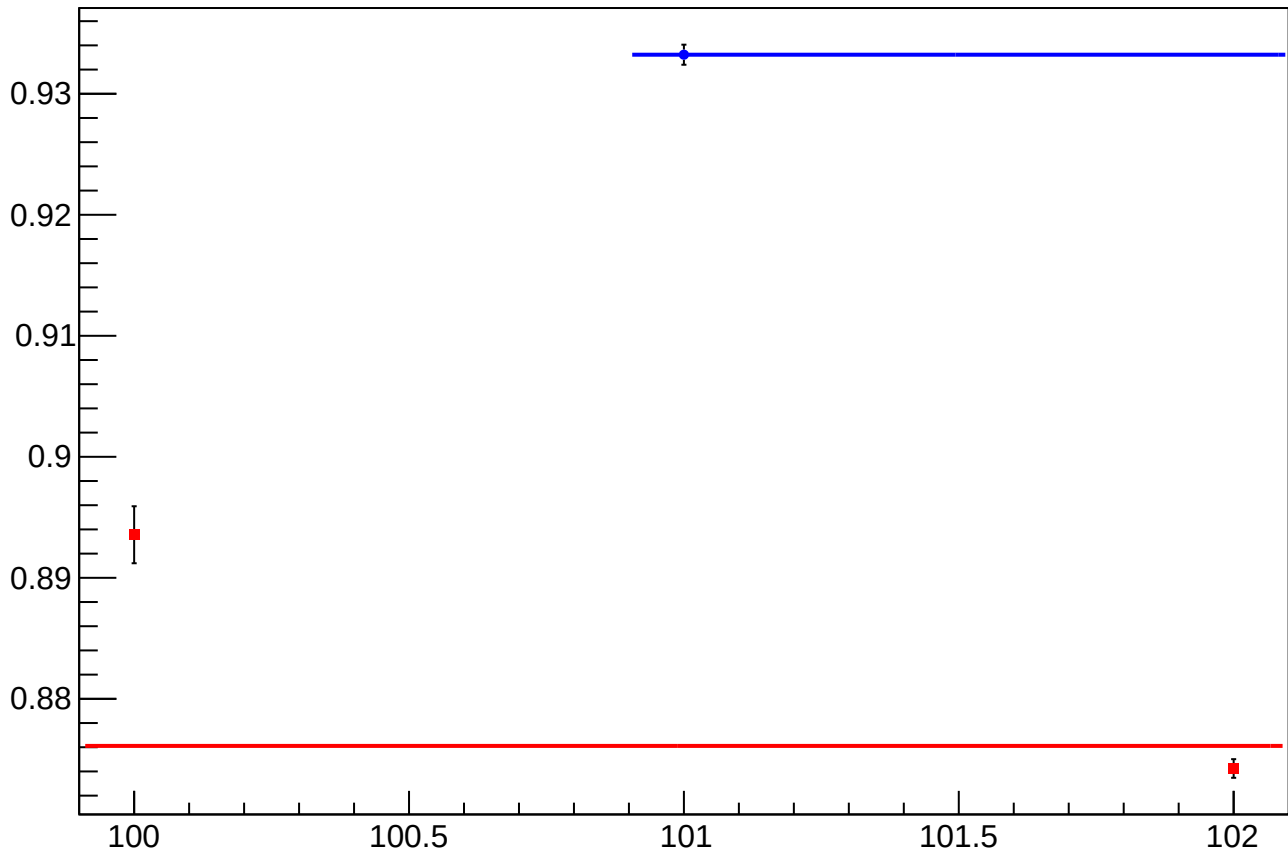
Right: 148.459+/-0.001 χ^2/NDF : 188897302.9/2

In: 150.425+/-0.001 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.459+/-0.001 χ^2/NDF : 188897302.9/2

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.933 $\pm$ 0.001 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.876 $\pm$ 0.001 χ^2/NDF : 60.8/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

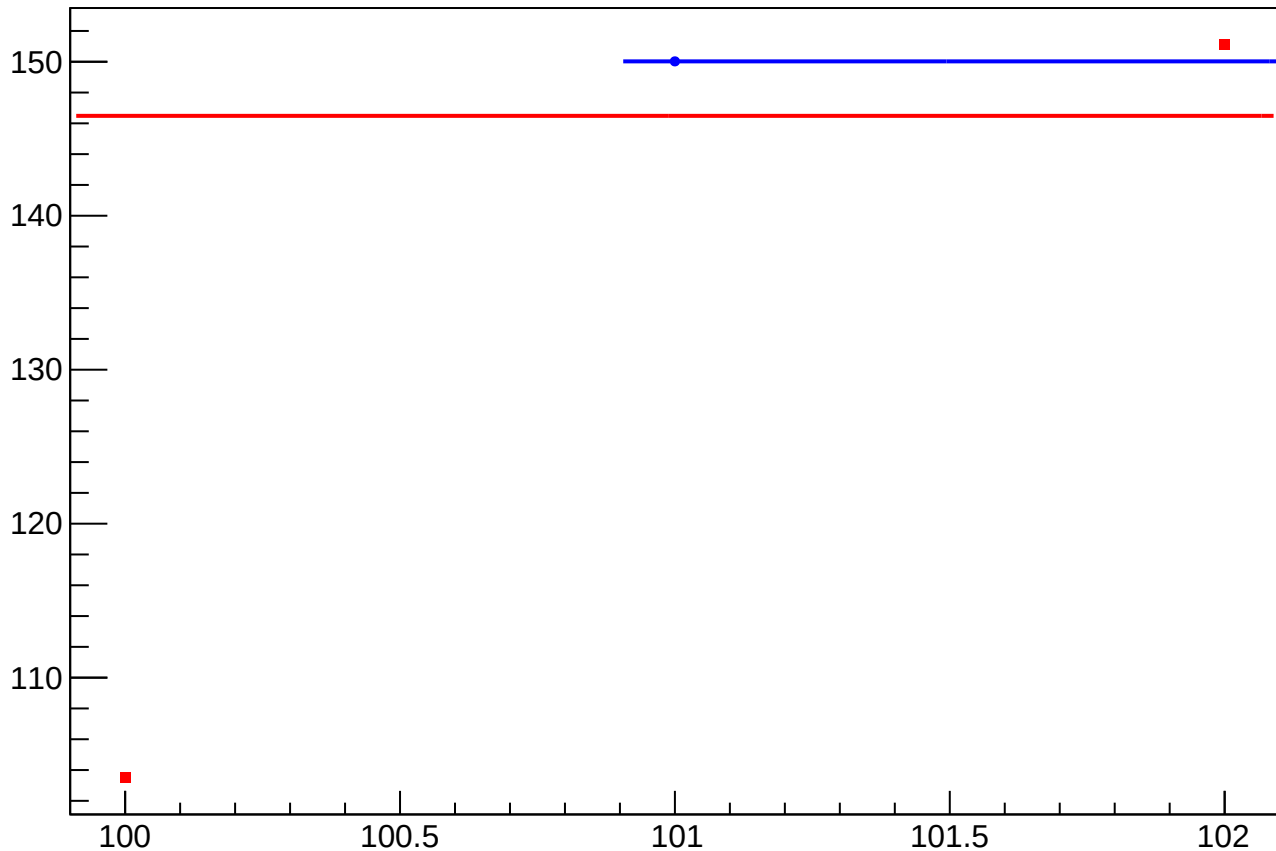
Right: 0.901 $\pm$ 0.001 χ^2/NDF : 2727.5/2

In: 0.933 $\pm$ 0.001 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.901 $\pm$ 0.001 χ^2/NDF : 2727.5/2

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 150.025+/-0.001 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.487+/-0.001 χ^2/NDF : 182675295.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

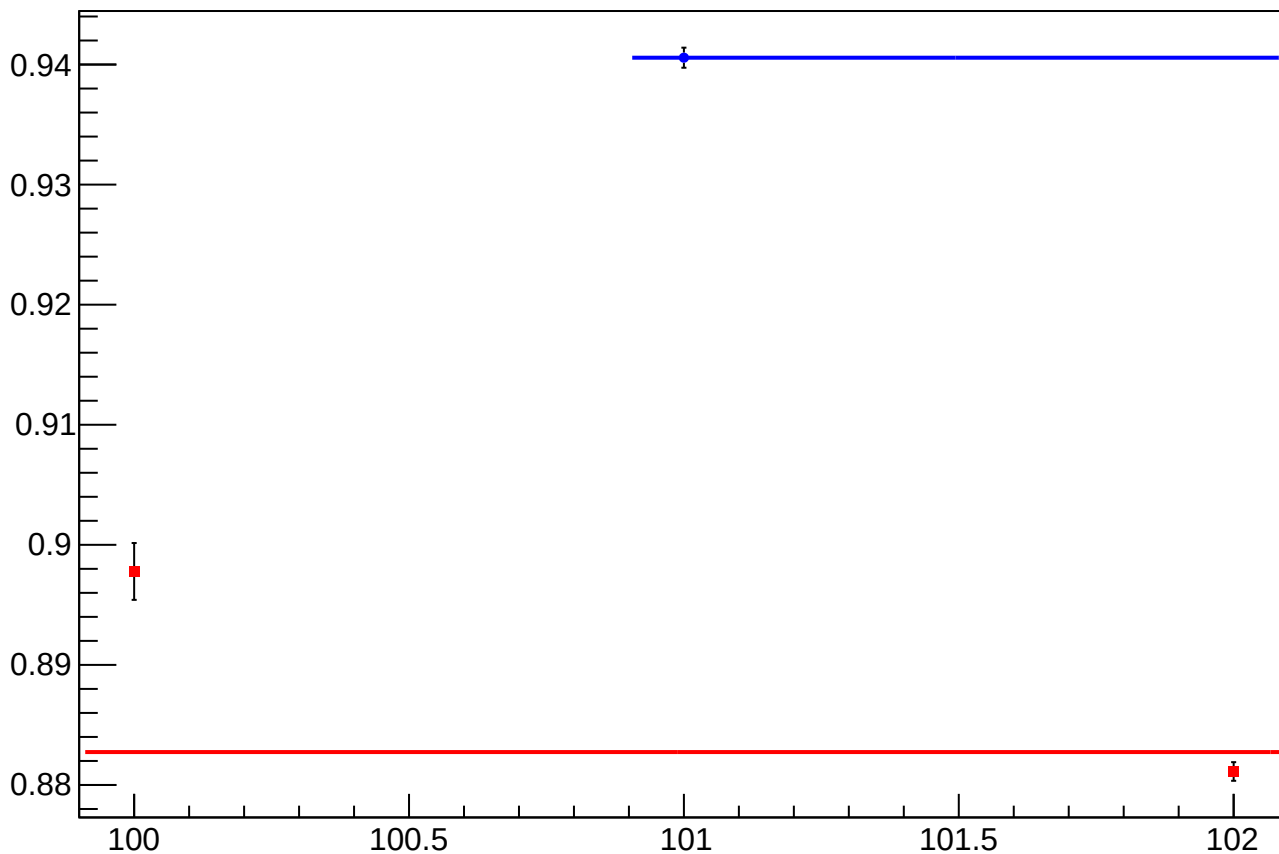
Right: 148.036+/-0.001 χ^2/NDF : 187714820.1/2

In: 150.025+/-0.001 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.036+/-0.001 χ^2/NDF : 187714820.1/2

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.941+/-0.001 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.883+/-0.001 χ^2/NDF : 44.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

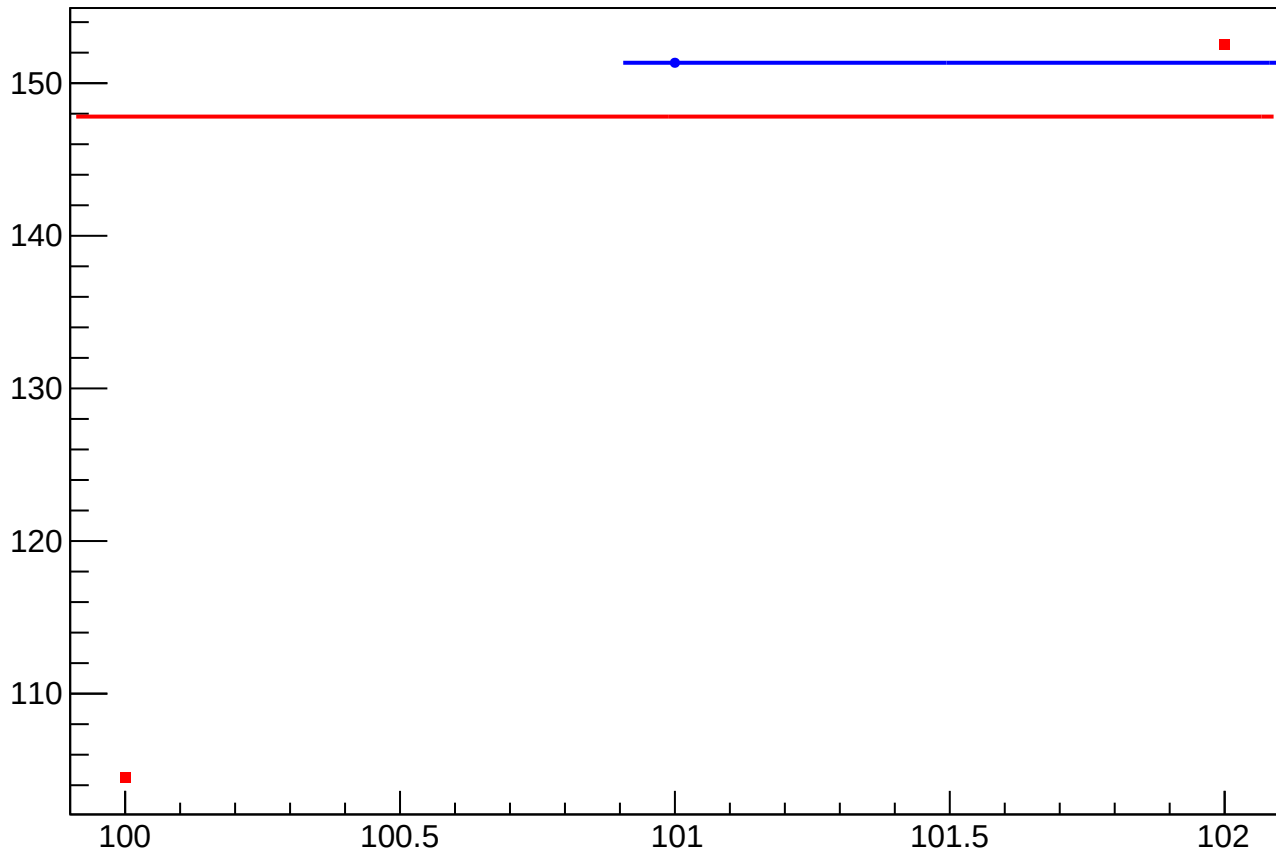
Right: 0.908+/-0.001 χ^2/NDF : 2736.7/2

In: 0.941+/-0.001 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.908+/-0.001 χ^2/NDF : 2736.7/2

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 151.338+/-0.001 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.811+/-0.001 χ^2/NDF : 181580633.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

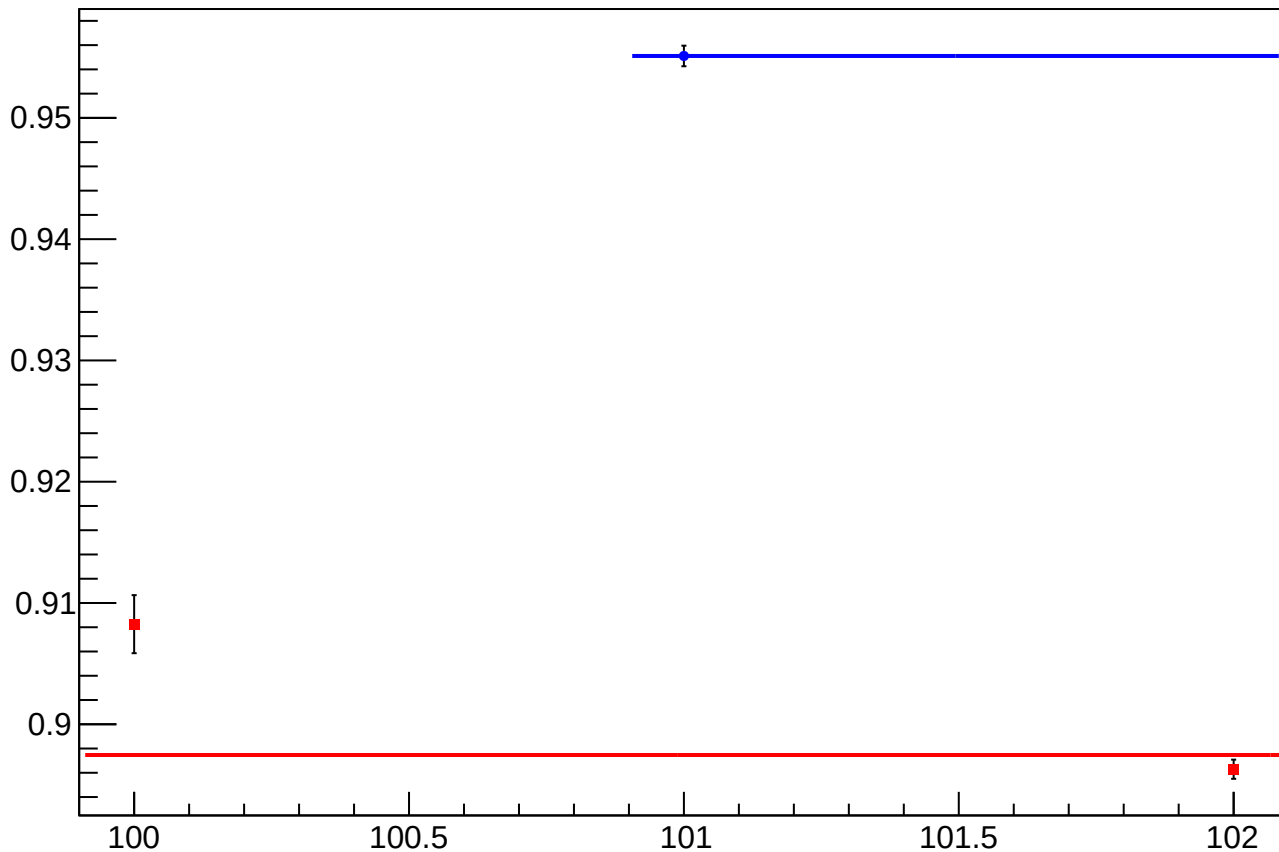
Right: 149.357+/-0.001 χ^2/NDF : 186430511.4/2

In: 151.338+/-0.001 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.357+/-0.001 χ^2/NDF : 186430511.4/2

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.955+/-0.001 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.897+/-0.001 χ^2/NDF : 22.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

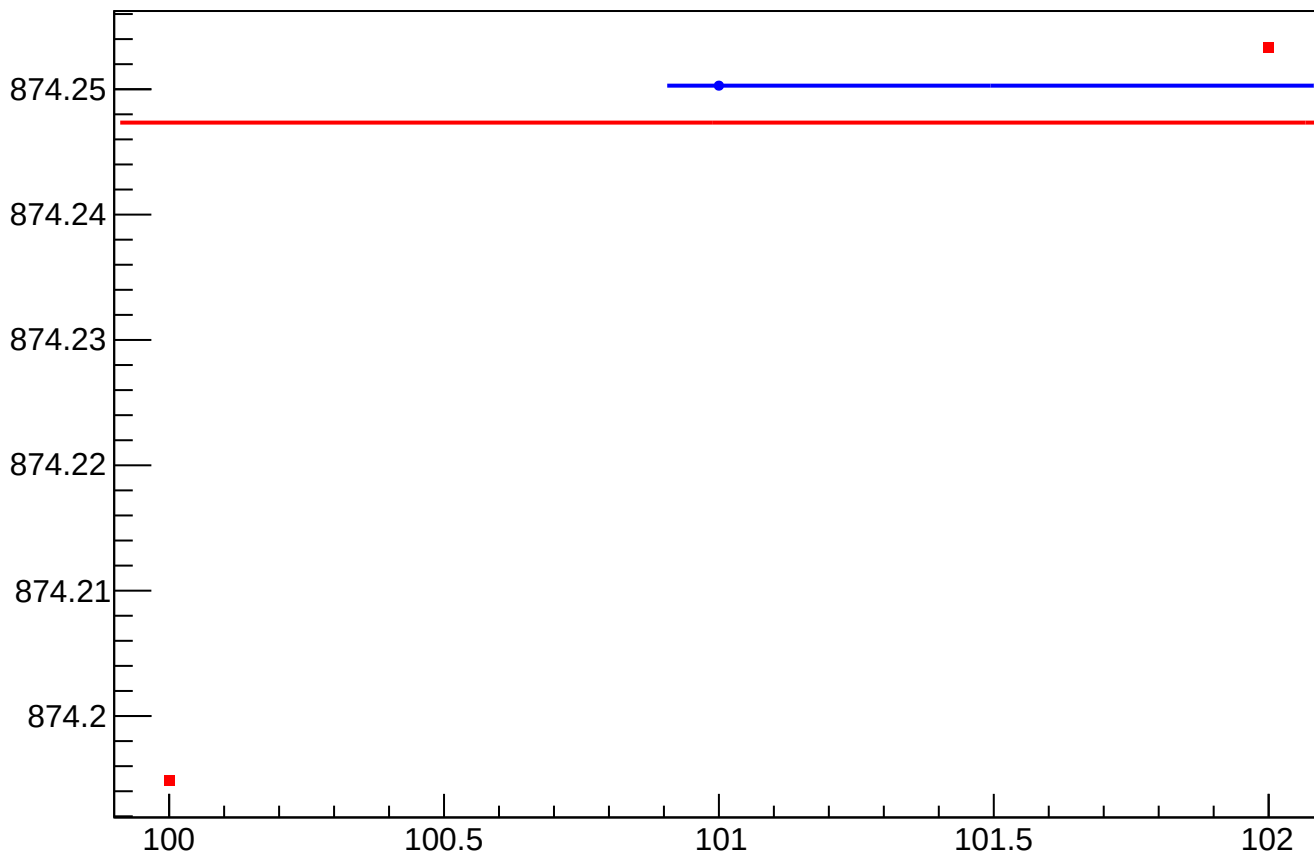
Right: 0.923+/-0.001 χ^2/NDF : 2613.5/2

In: 0.955+/-0.001 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.923+/-0.001 χ^2/NDF : 2613.5/2

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 874.250+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 874.247+/-0.000 χ^2/NDF : 1246827.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

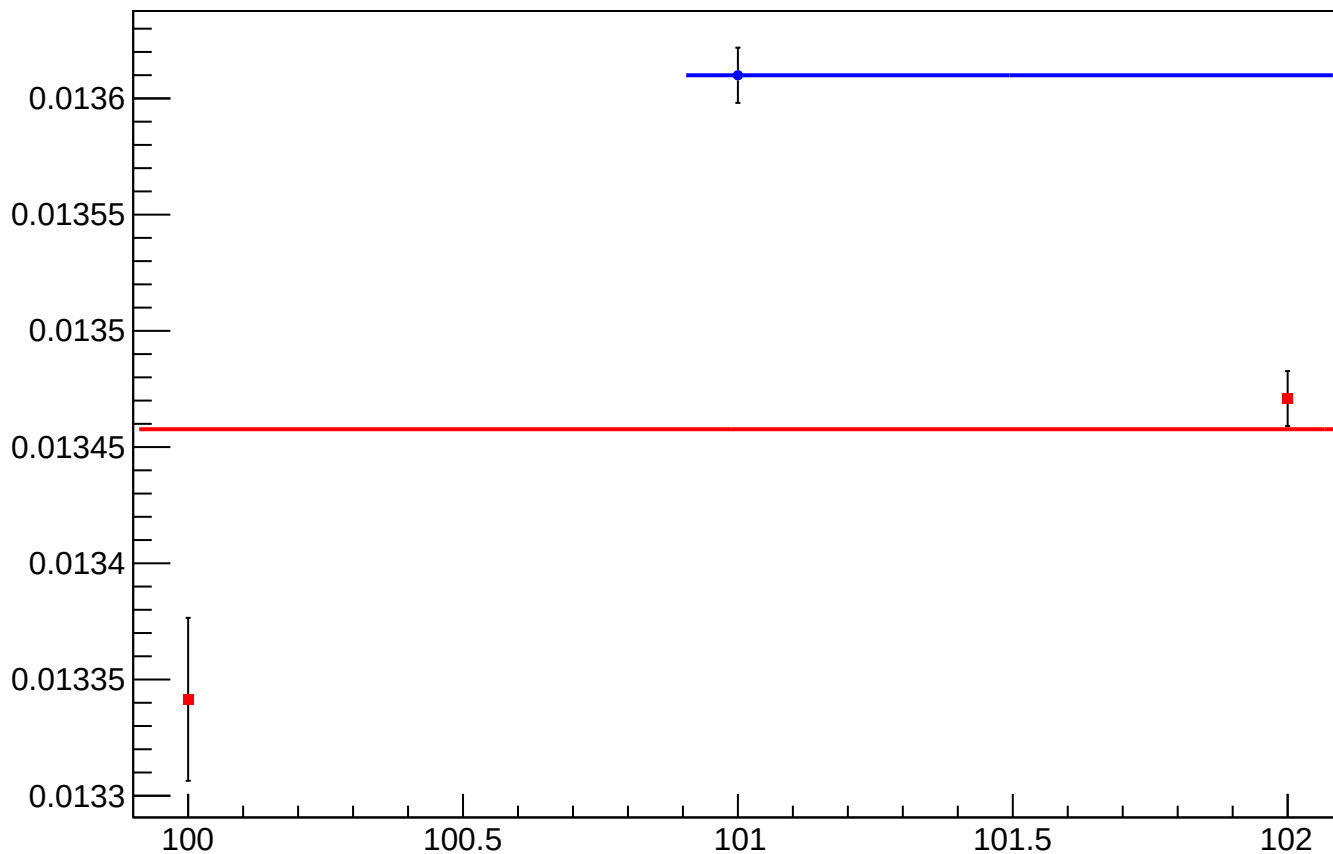
Right: 874.249+/-0.000 χ^2/NDF : 1263128.0/2

In: 874.250+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 874.249+/-0.000 χ^2/NDF : 1263128.0/2

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 12.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

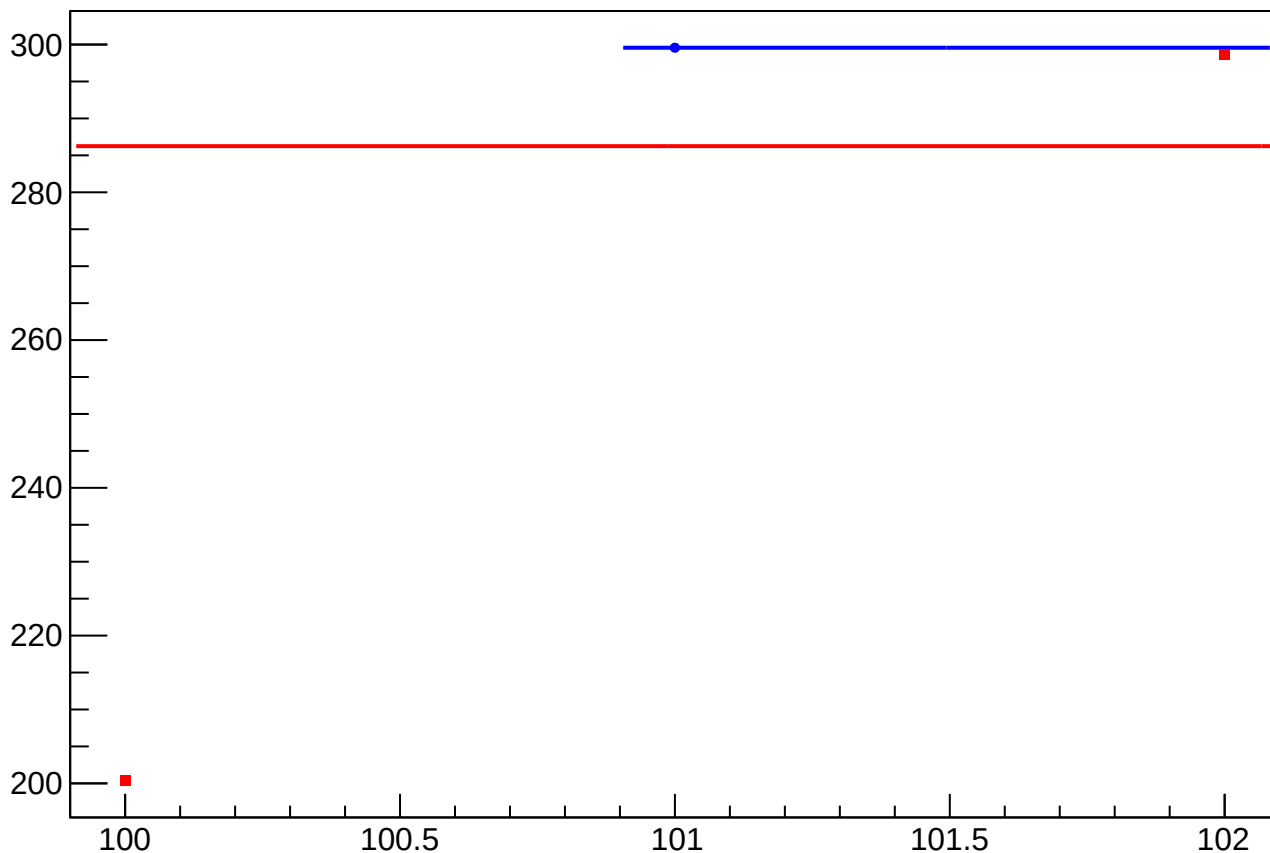
Right: 0.014+/-0.000 χ^2/NDF : 99.3/2

In: 0.014+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 99.3/2

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 299.569 $\pm$ 0.007 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 286.246 $\pm$ 0.010 χ^2 /NDF: 10175919.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

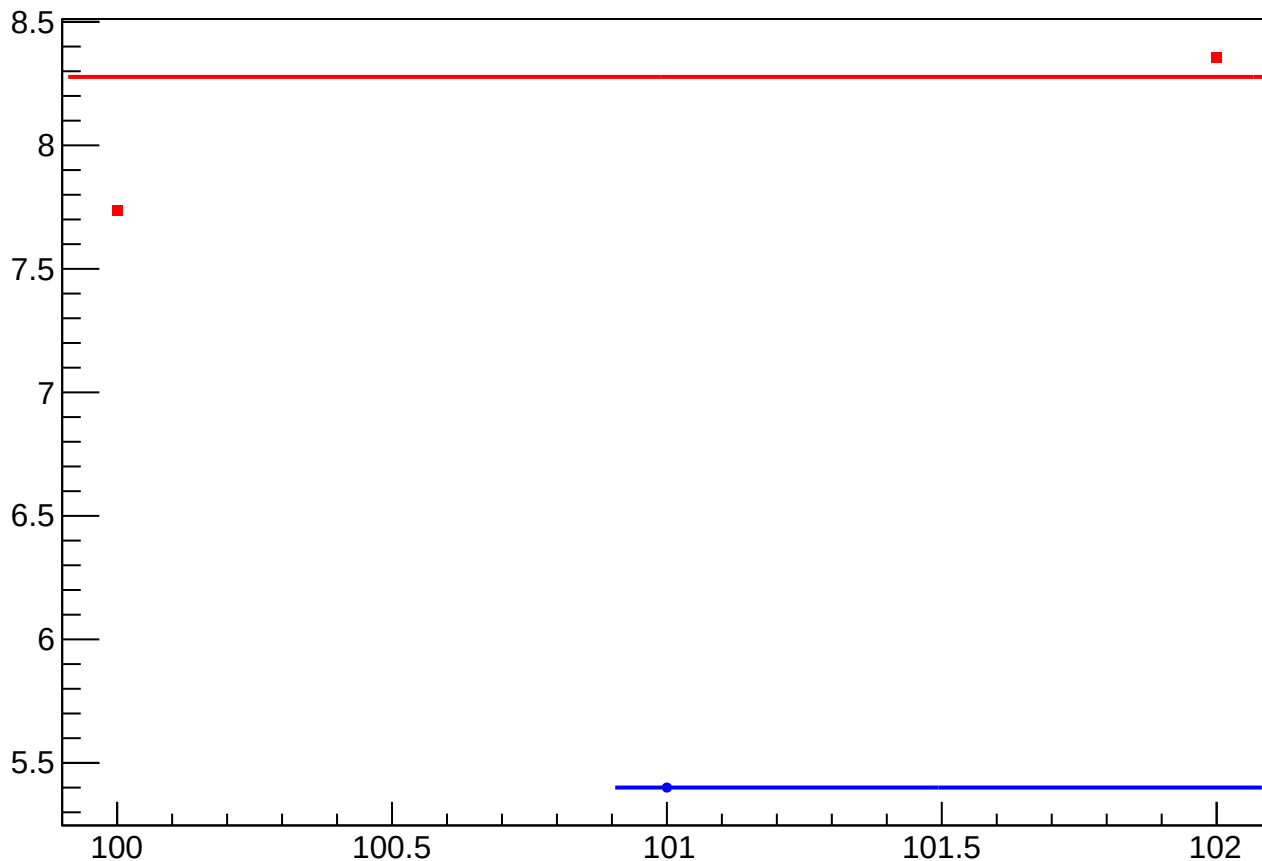
Right: 295.219 $\pm$ 0.006 χ^2 /NDF: 11318244.5/2

In: 299.569 $\pm$ 0.007 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 295.219 $\pm$ 0.006 χ^2 /NDF: 11318244.5/2

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 5.400+/-0.005 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.277+/-0.007 χ^2/NDF : 808.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

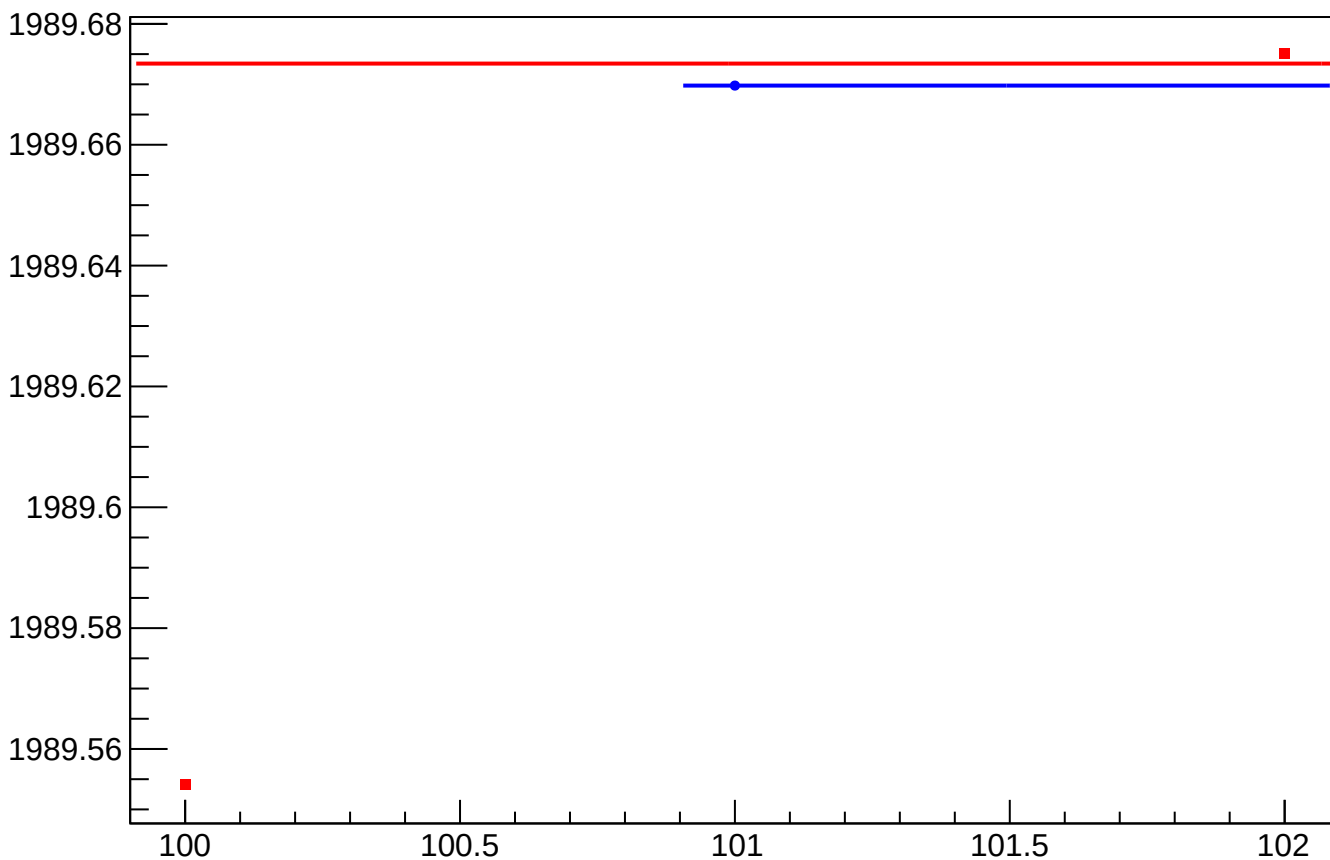
Right: 6.340+/-0.004 χ^2/NDF : 107344.3/2

In: 5.400+/-0.005 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.340+/-0.004 χ^2/NDF : 107344.3/2

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 1989.670+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1989.673+/-0.000 χ^2/NDF : 87074.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

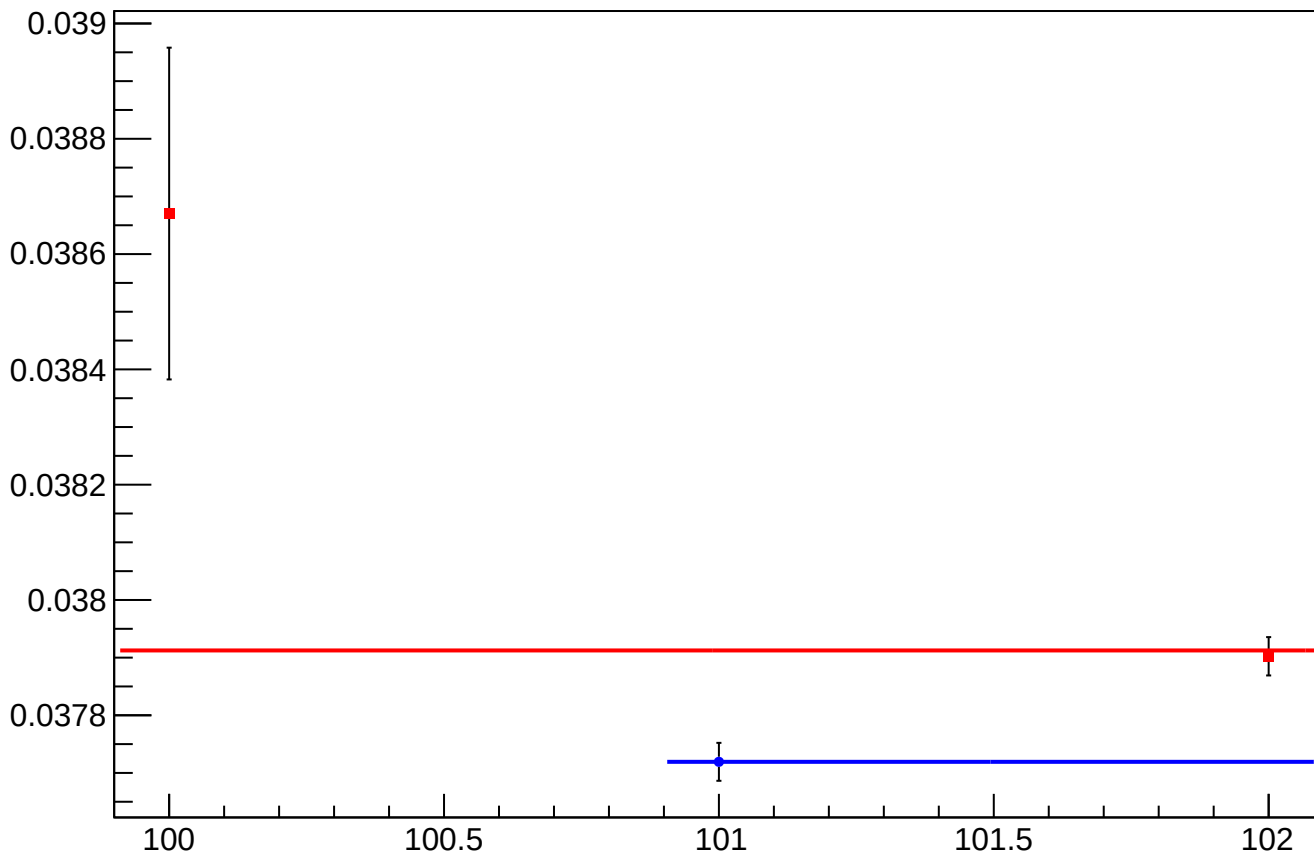
Right: 1989.672+/-0.000 χ^2/NDF : 90124.5/2

In: 1989.670+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1989.672+/-0.000 χ^2/NDF : 90124.5/2

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.038+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.038+/-0.000 χ^2 /NDF: 7.0/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

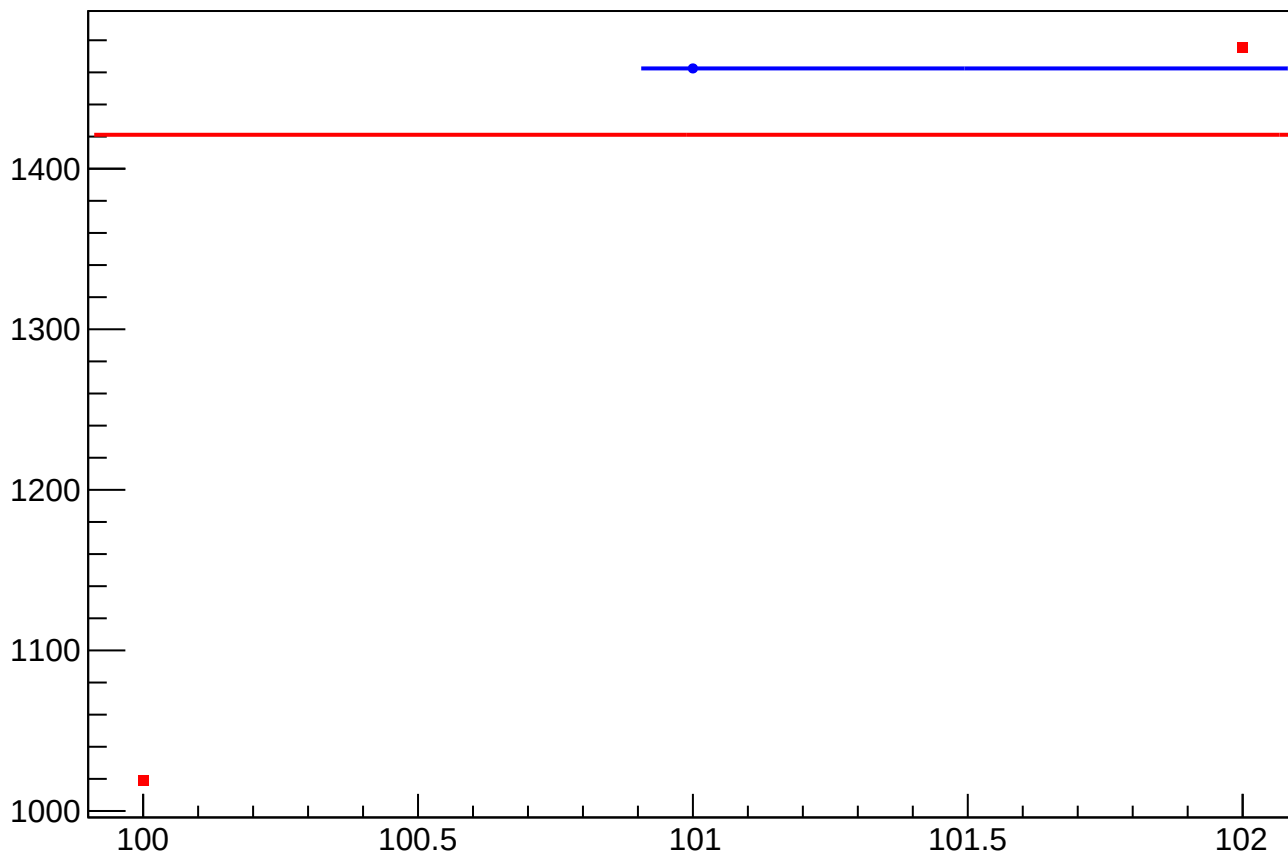
Right: 0.038+/-0.000 χ^2 /NDF: 24.2/2

In: 0.038+/-0.000 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.038+/-0.000 χ^2 /NDF: 24.2/2

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 1462.459+/-0.016 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1421.136+/-0.013 χ^2/NDF : 128349677.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

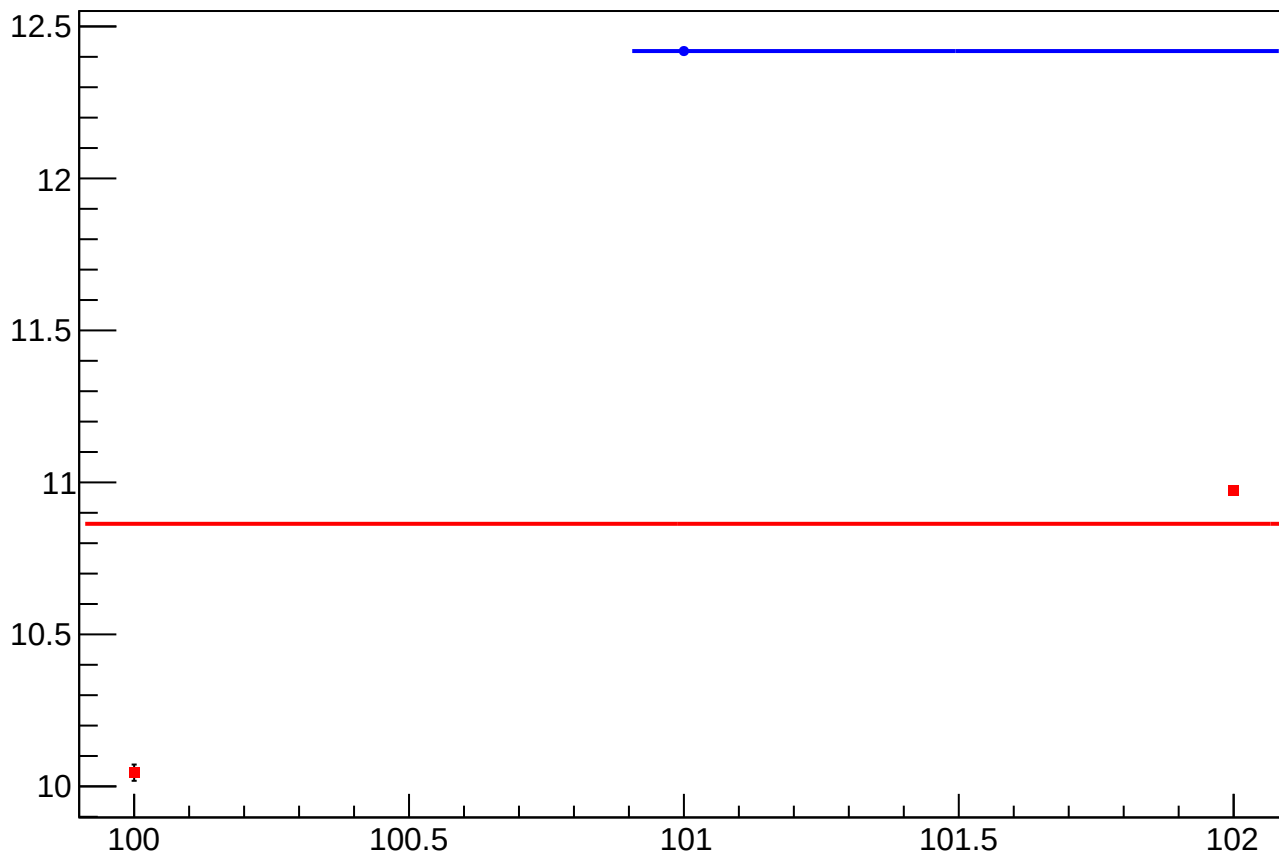
Right: 1437.961+/-0.010 χ^2/NDF : 132439666.1/2

In: 1462.459+/-0.016 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1437.961+/-0.010 χ^2/NDF : 132439666.1

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 12.419+/-0.011 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.864+/-0.009 χ^2/NDF : 1063.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

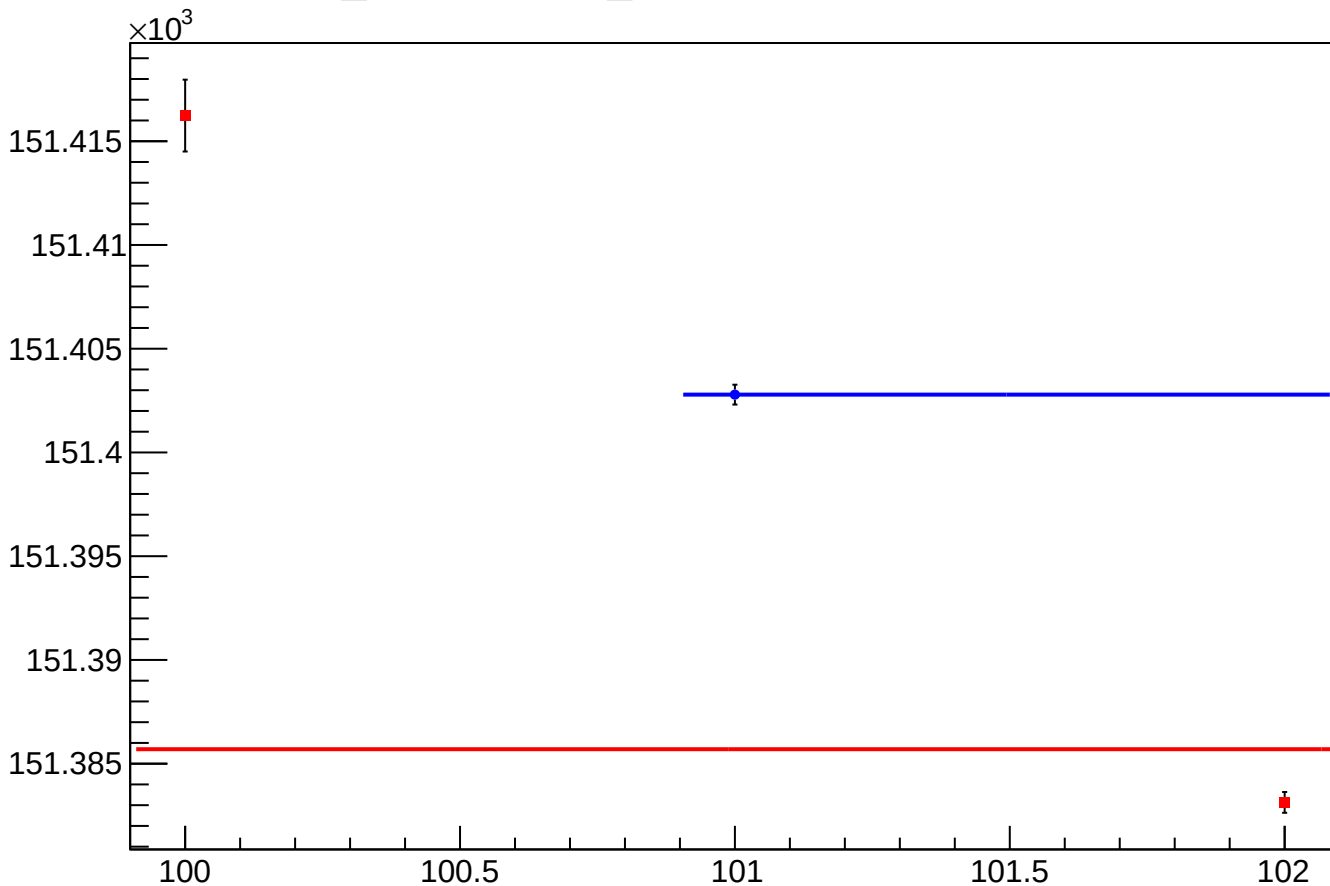
Right: 11.497+/-0.007 χ^2/NDF : 12649.7/2

In: 12.419+/-0.011 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.497+/-0.007 χ^2/NDF : 12649.7/2

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 151402.787 $\pm$ 0.479 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 151385.698 $\pm$ 0.482 χ^2 /NDF: 337.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

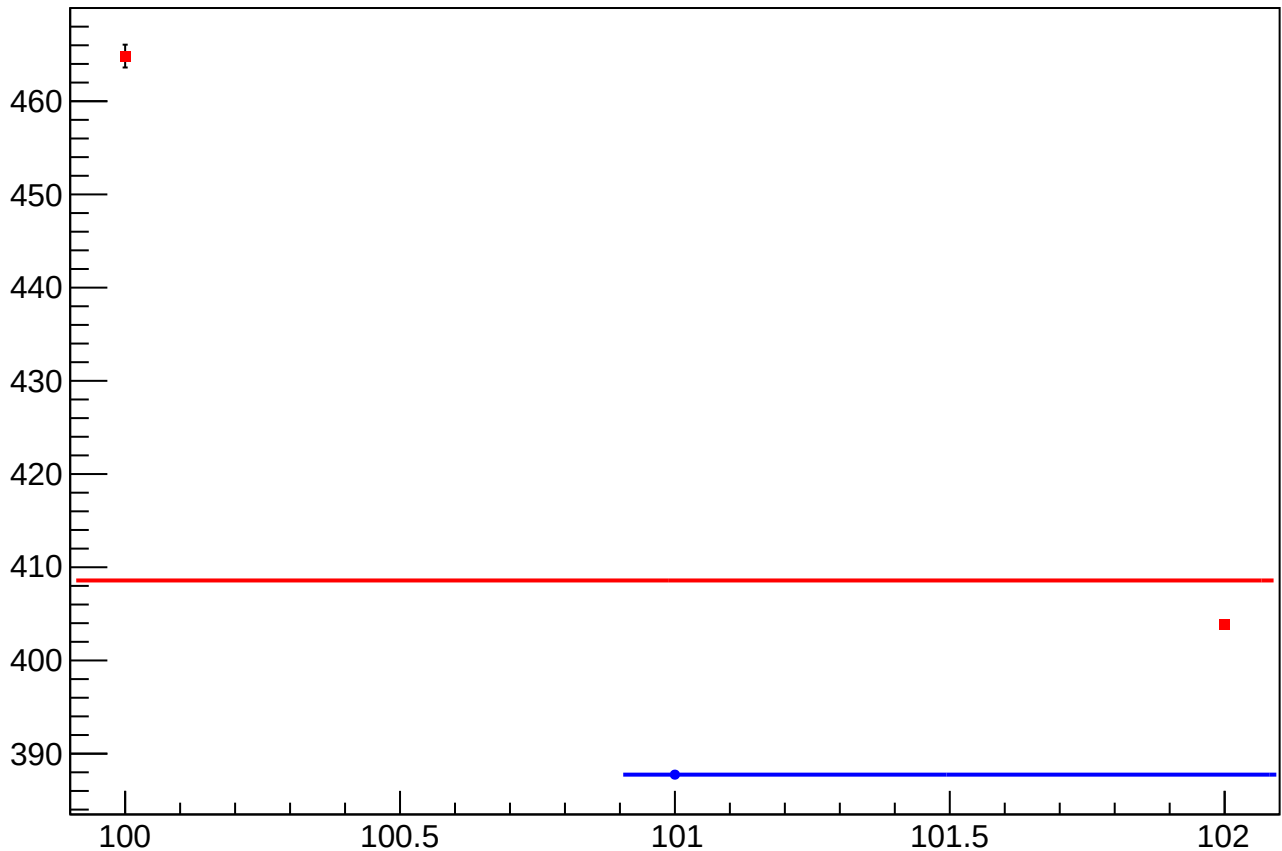
Right: 151394.298 $\pm$ 0.340 χ^2 /NDF: 970.5/2

In: 151402.787 $\pm$ 0.479 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 151394.298 $\pm$ 0.340 χ^2 /NDF: 970.5/2

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 387.750 $\pm$ 0.338 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 408.582 $\pm$ 0.341 χ^2 /NDF: 2289.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

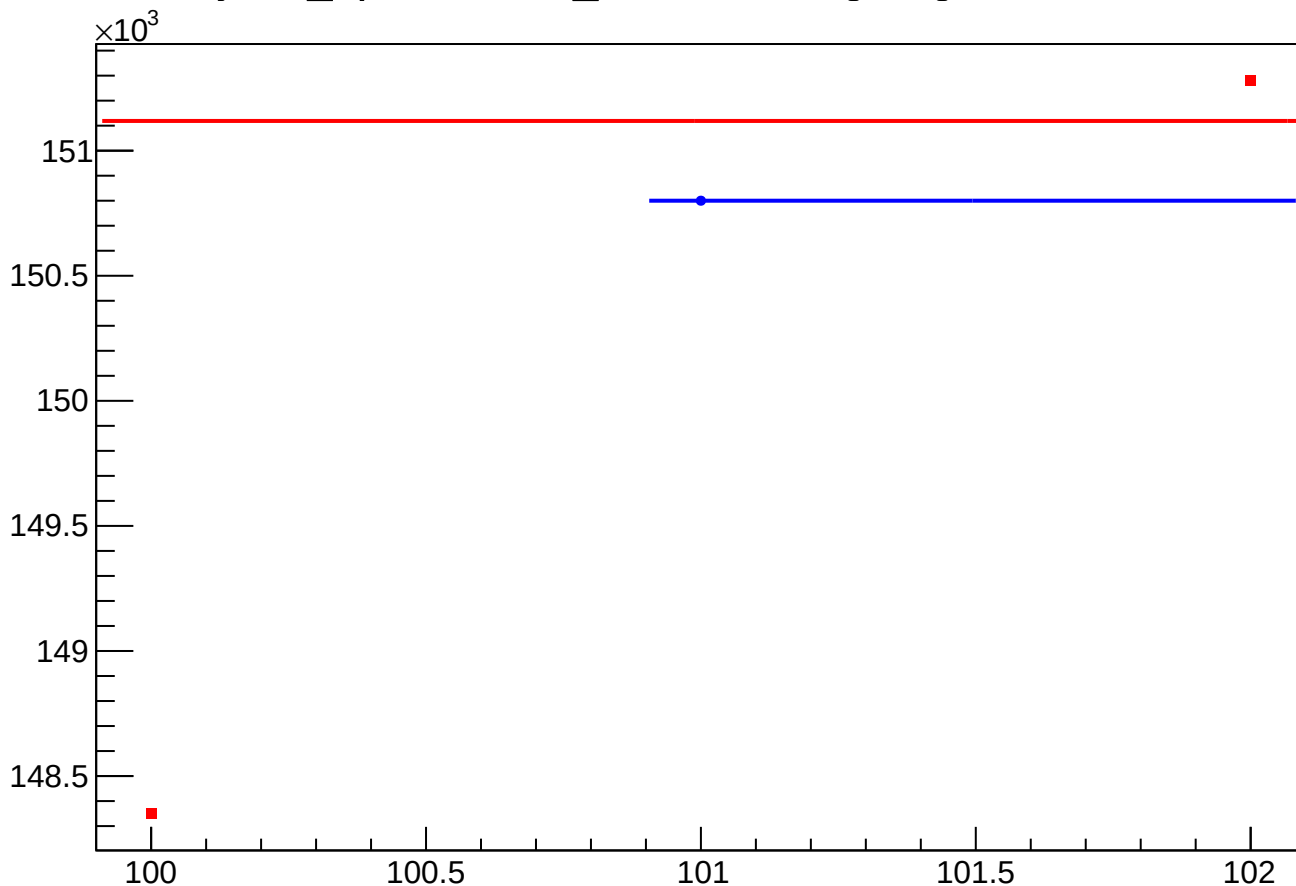
Right: 398.099 $\pm$ 0.240 χ^2 /NDF: 4171.4/2

In: 387.750 $\pm$ 0.338 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 398.099 $\pm$ 0.240 χ^2 /NDF: 4171.4/2

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 150800.026 $\pm$ 0.465 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 151118.864 $\pm$ 0.453 χ^2 /NDF: 2165176.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

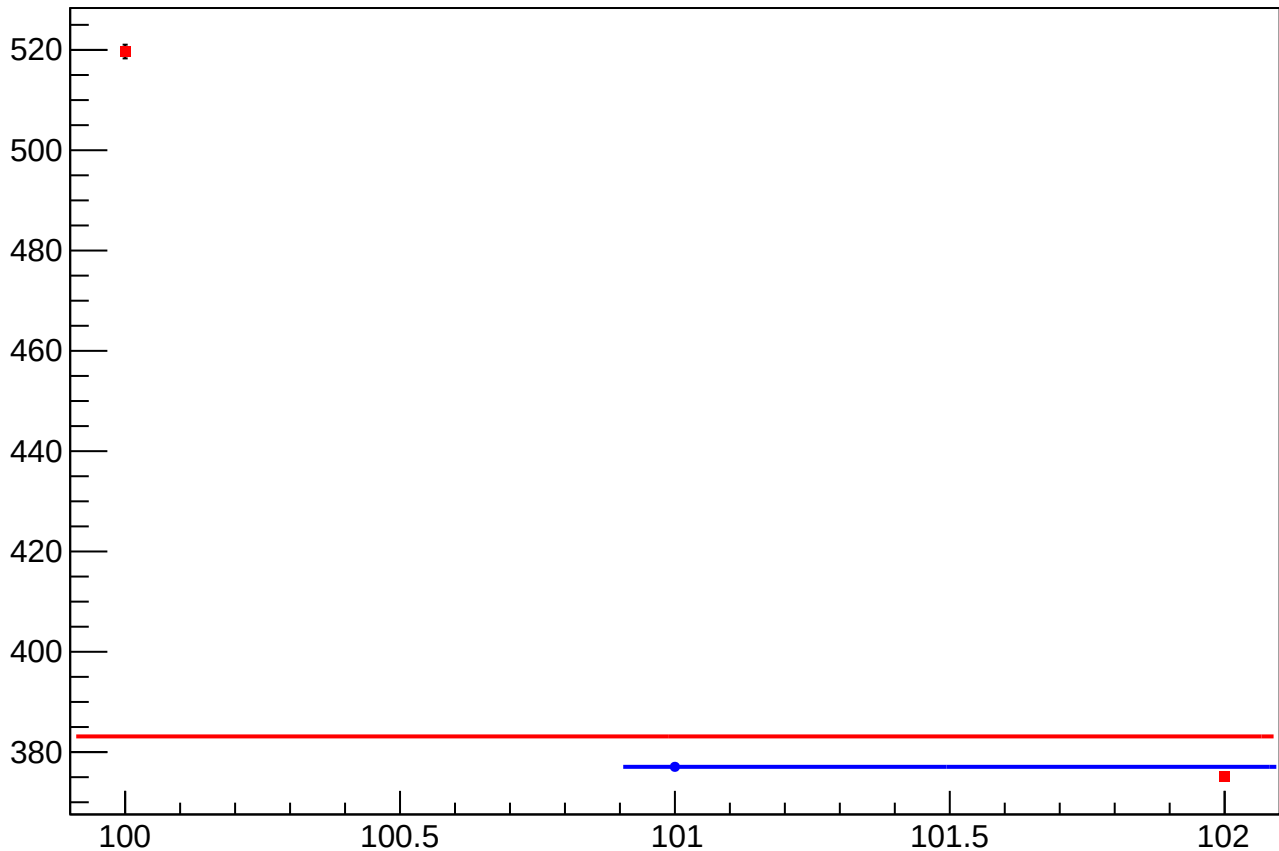
Right: 150963.735 $\pm$ 0.325 χ^2 /NDF: 2406171.4/2

In: 150800.026 $\pm$ 0.465 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 150963.735 $\pm$ 0.325 χ^2 /NDF: 2406171.4

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 377.063+/-0.329 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 383.127+/-0.320 χ^2/NDF : 10540.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

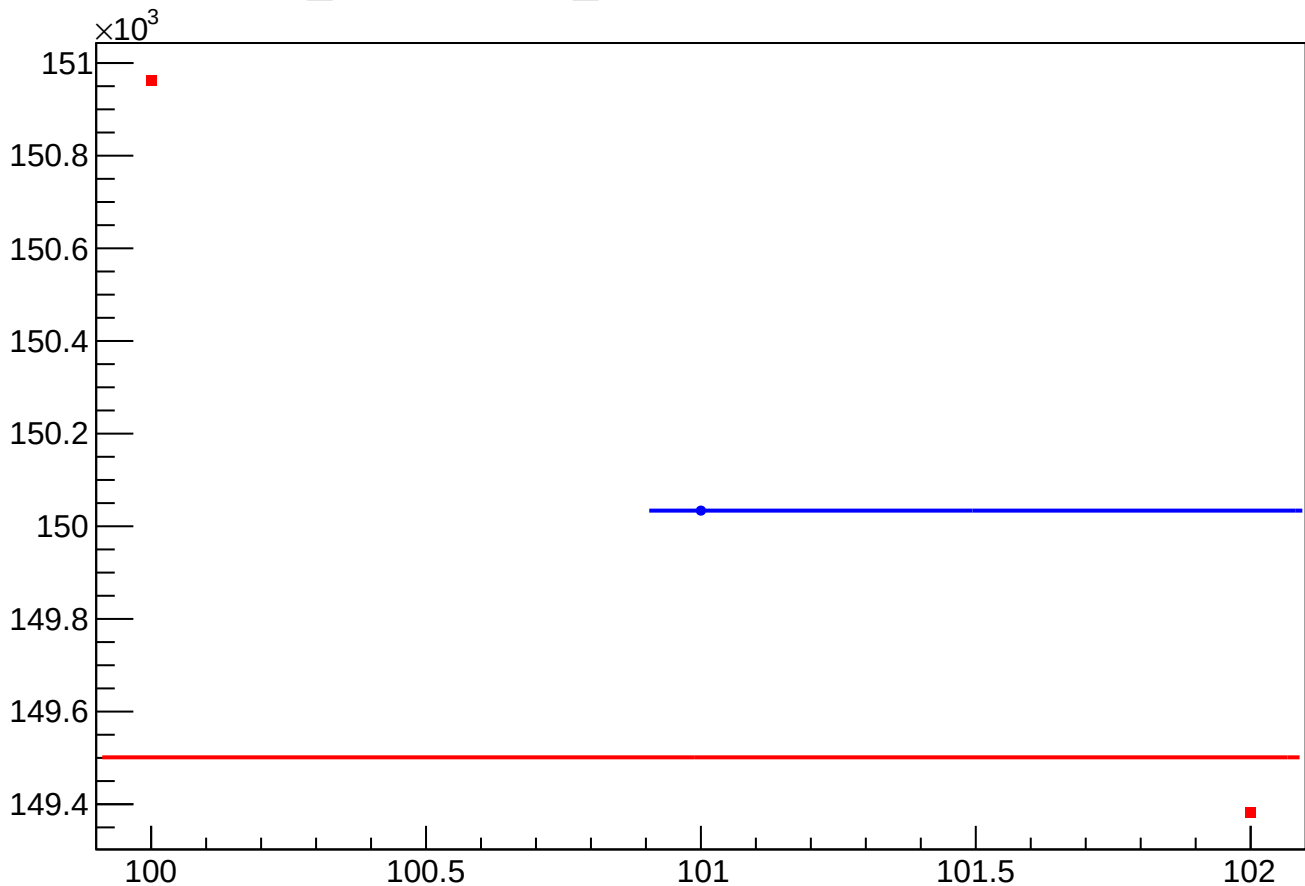
Right: 380.177+/-0.230 χ^2/NDF : 10714.7/2

In: 377.063+/-0.329 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 380.177+/-0.230 χ^2/NDF : 10714.7/2

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 150033.813 $\pm$ 0.482 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 149501.216 $\pm$ 0.481 χ^2 /NDF: 752663.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

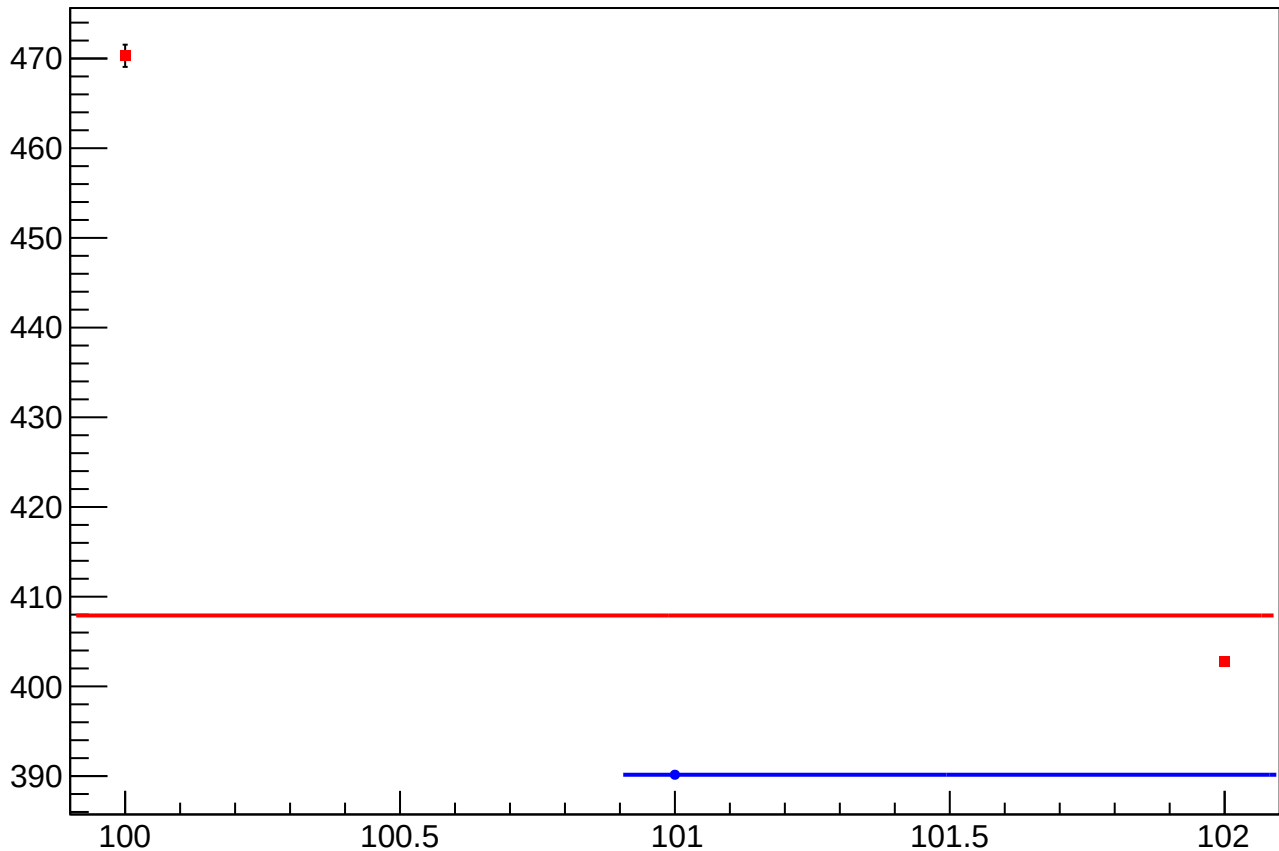
Right: 149767.218 $\pm$ 0.340 χ^2 /NDF: 1364825.0/2

In: 150033.813 $\pm$ 0.482 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 149767.218 $\pm$ 0.340 χ^2 /NDF: 1364825.0

yield_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 390.149+/-0.341 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 407.905+/-0.340 χ^2/NDF : 2745.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

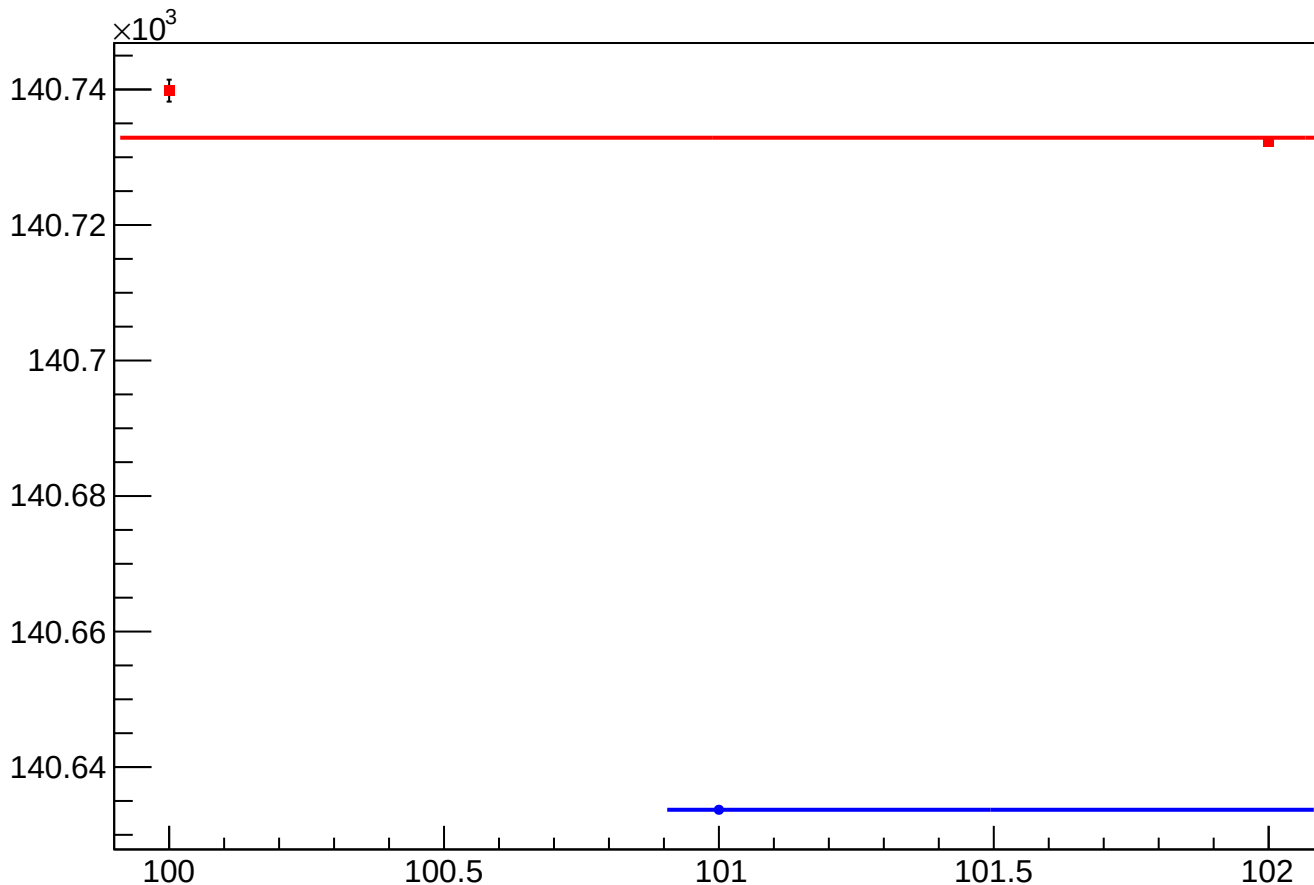
Right: 399.037+/-0.241 χ^2/NDF : 4106.3/2

In: 390.149+/-0.341 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 399.037+/-0.241 χ^2/NDF : 4106.3/2

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 140633.698 $\pm$ 0.446 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 140732.883 $\pm$ 0.449 χ^2 /NDF: 20.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

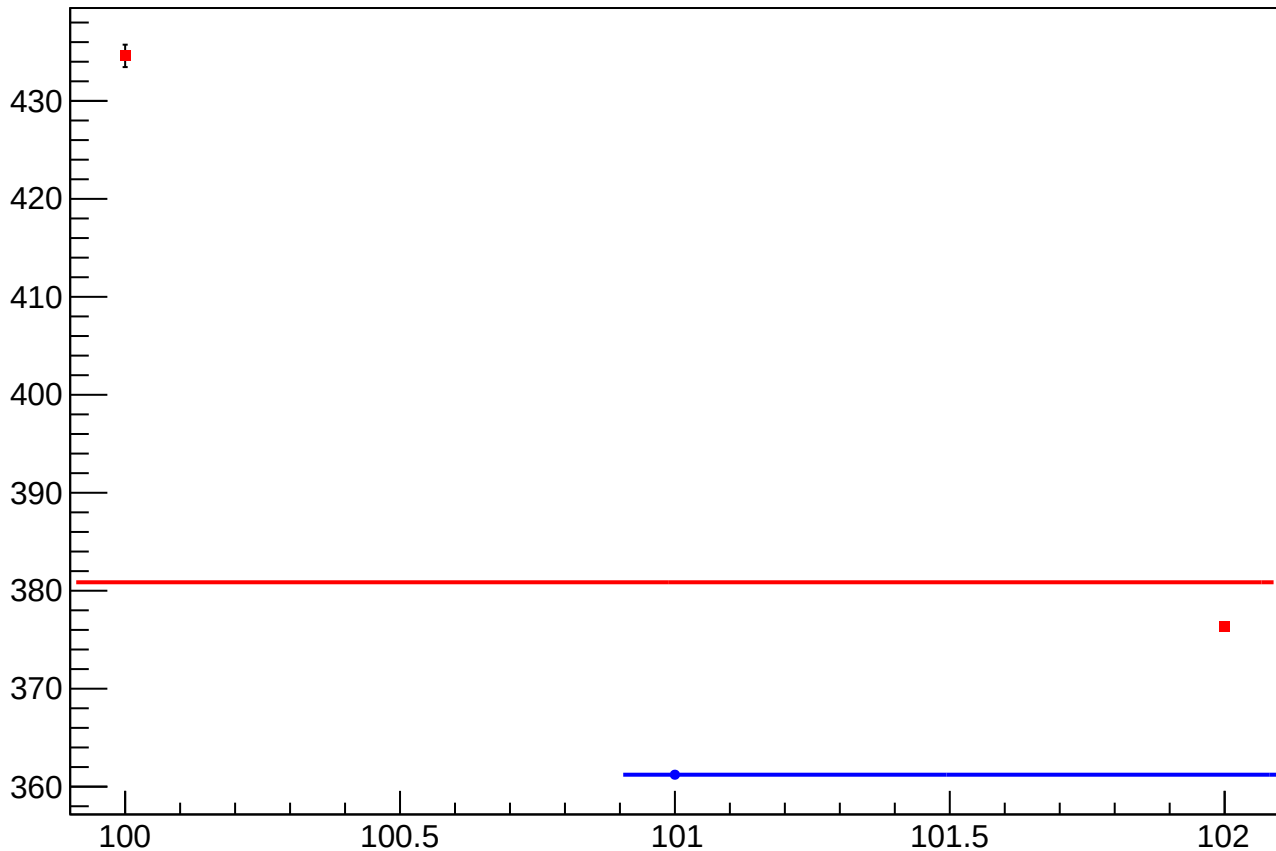
Right: 140682.936 $\pm$ 0.316 χ^2 /NDF: 24580.2/2

In: 140633.698 $\pm$ 0.446 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 140682.936 $\pm$ 0.316 χ^2 /NDF: 24580.2/2

yield_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 361.219+/-0.315 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 380.863+/-0.318 χ^2/NDF : 2388.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

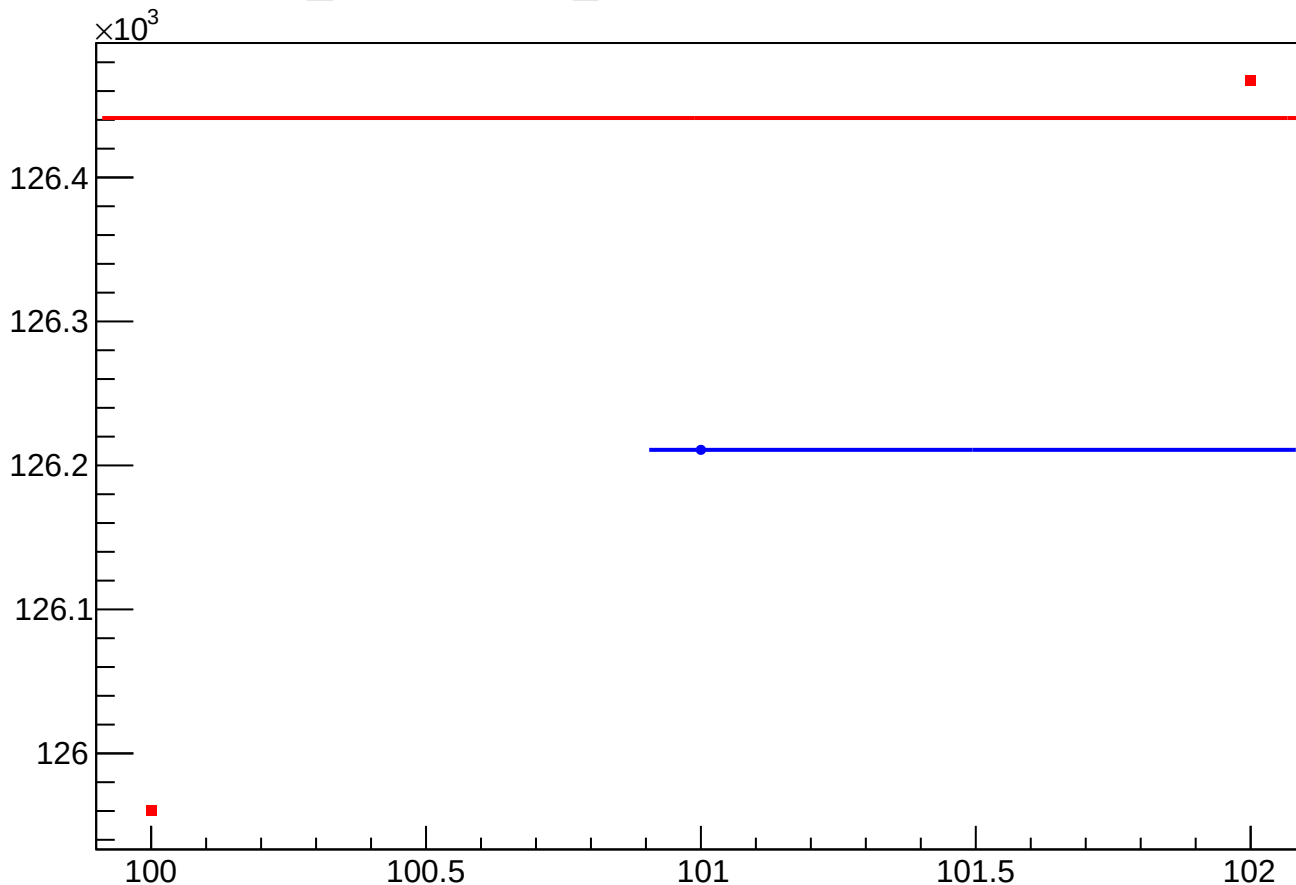
Right: 370.971+/-0.224 χ^2/NDF : 4315.4/2

In: 361.219+/-0.315 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 370.971+/-0.224 χ^2/NDF : 4315.4/2

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 126210.826 $\pm$ 0.376 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 126441.279 $\pm$ 0.367 χ^2 /NDF: 93813.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

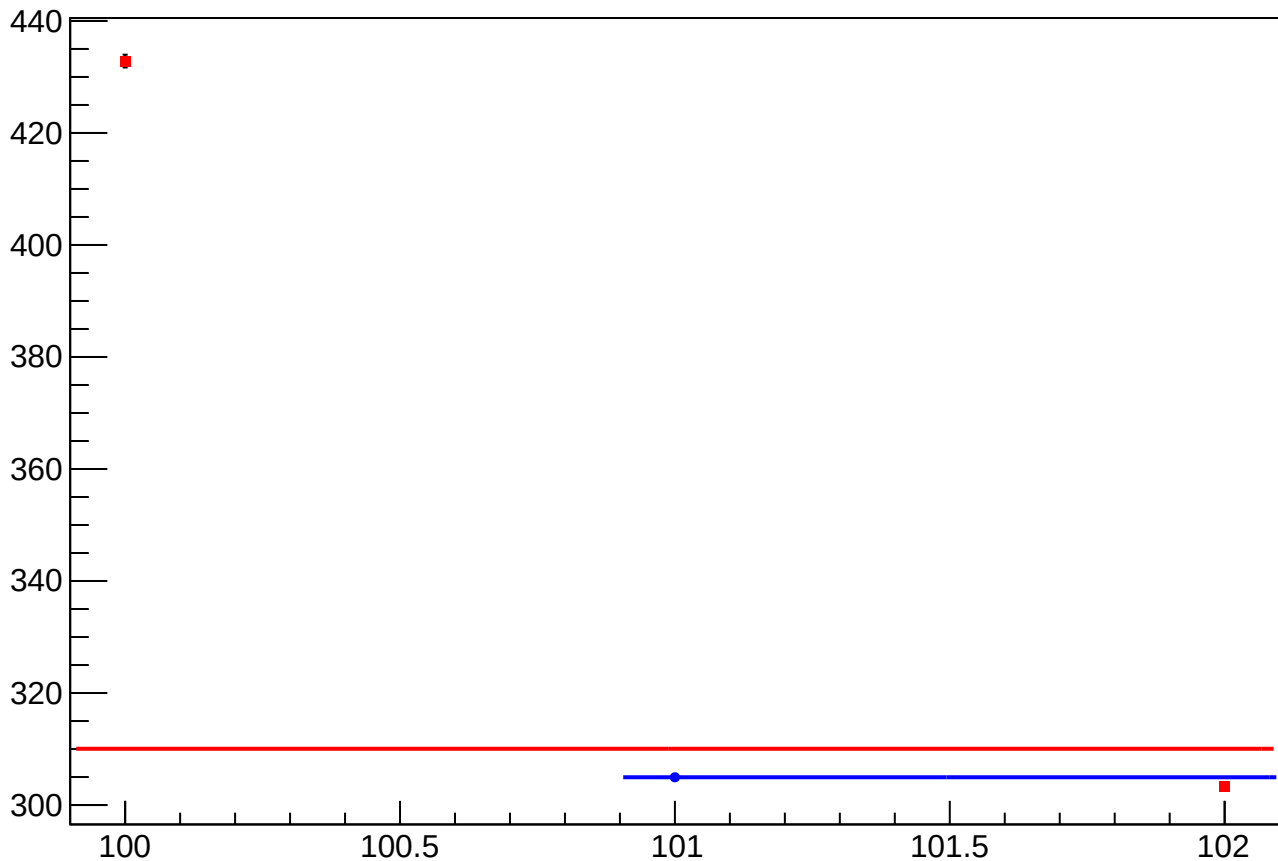
Right: 126329.009 $\pm$ 0.263 χ^2 /NDF: 286014.7/2

In: 126210.826 $\pm$ 0.376 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 126329.009 $\pm$ 0.263 χ^2 /NDF: 286014.7/2

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 304.959+/-0.266 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 310.048+/-0.259 χ^2/NDF : 12231.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

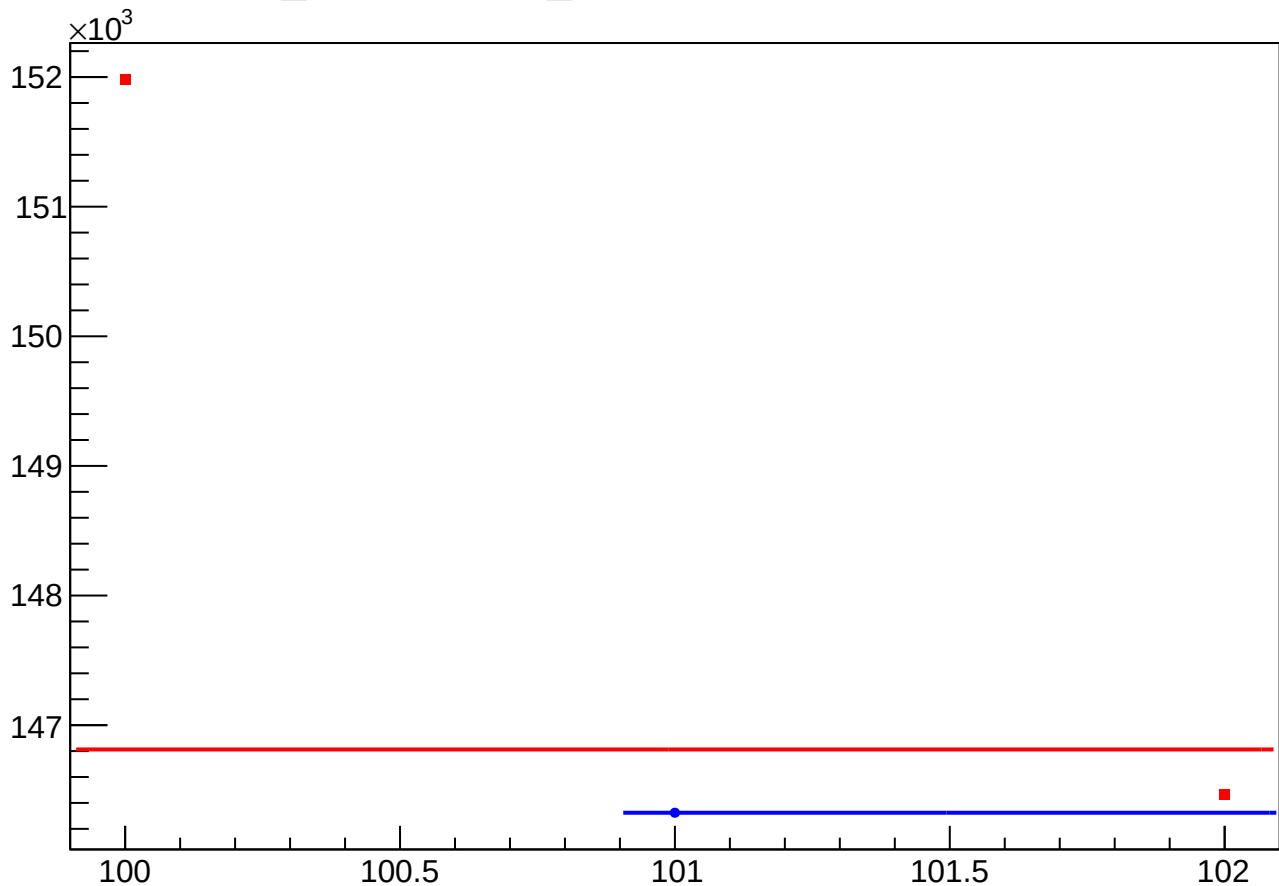
Right: 307.569+/-0.186 χ^2/NDF : 12419.3/2

In: 304.959+/-0.266 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 307.569+/-0.186 χ^2/NDF : 12419.3/2

yield_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: 146324.409 $\pm$ 0.509 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 146812.588 $\pm$ 0.494 χ^2 /NDF: 7304416.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

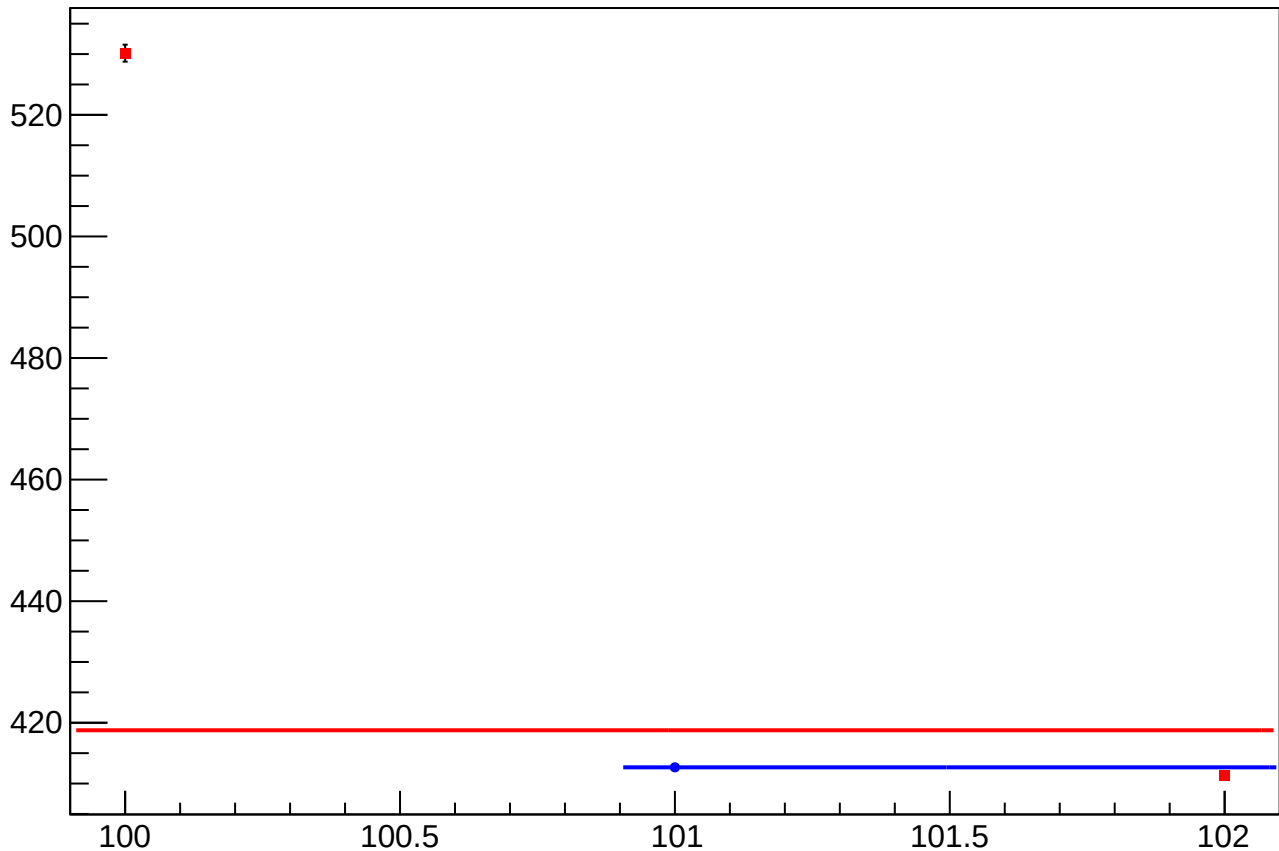
Right: 146575.697 $\pm$ 0.355 χ^2 /NDF: 7777428.1/2

In: 146324.409 $\pm$ 0.509 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 146575.697 $\pm$ 0.355 χ^2 /NDF: 7777428.1

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 412.668 $\pm$ 0.360 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 418.764 $\pm$ 0.350 χ^2 /NDF: 6793.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

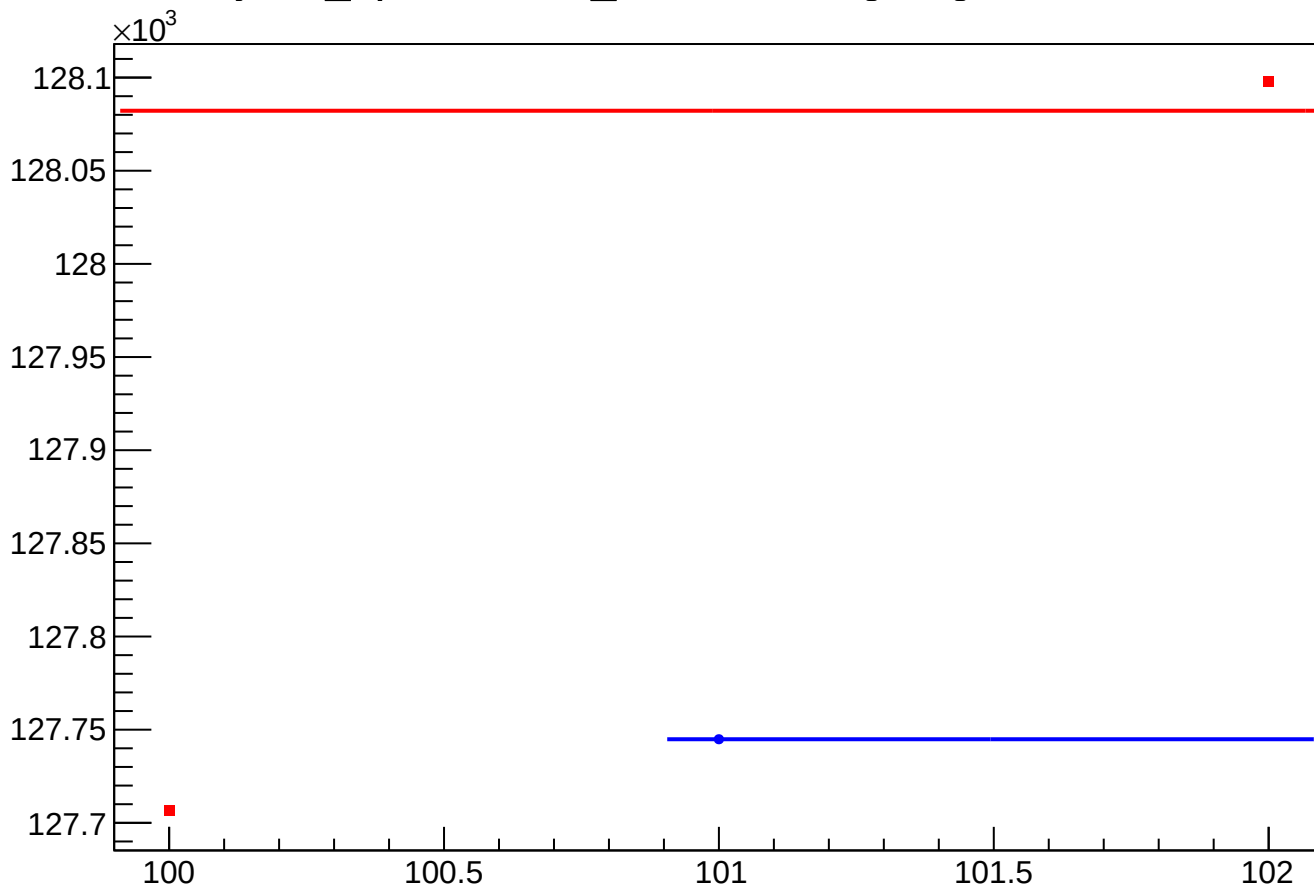
Right: 415.806 $\pm$ 0.251 χ^2 /NDF: 6941.1/2

In: 412.668 $\pm$ 0.360 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 415.806 $\pm$ 0.251 χ^2 /NDF: 6941.1/2

yield_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: 127744.866 $\pm$ 0.387 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 128082.194 $\pm$ 0.384 χ^2 /NDF: 39991.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

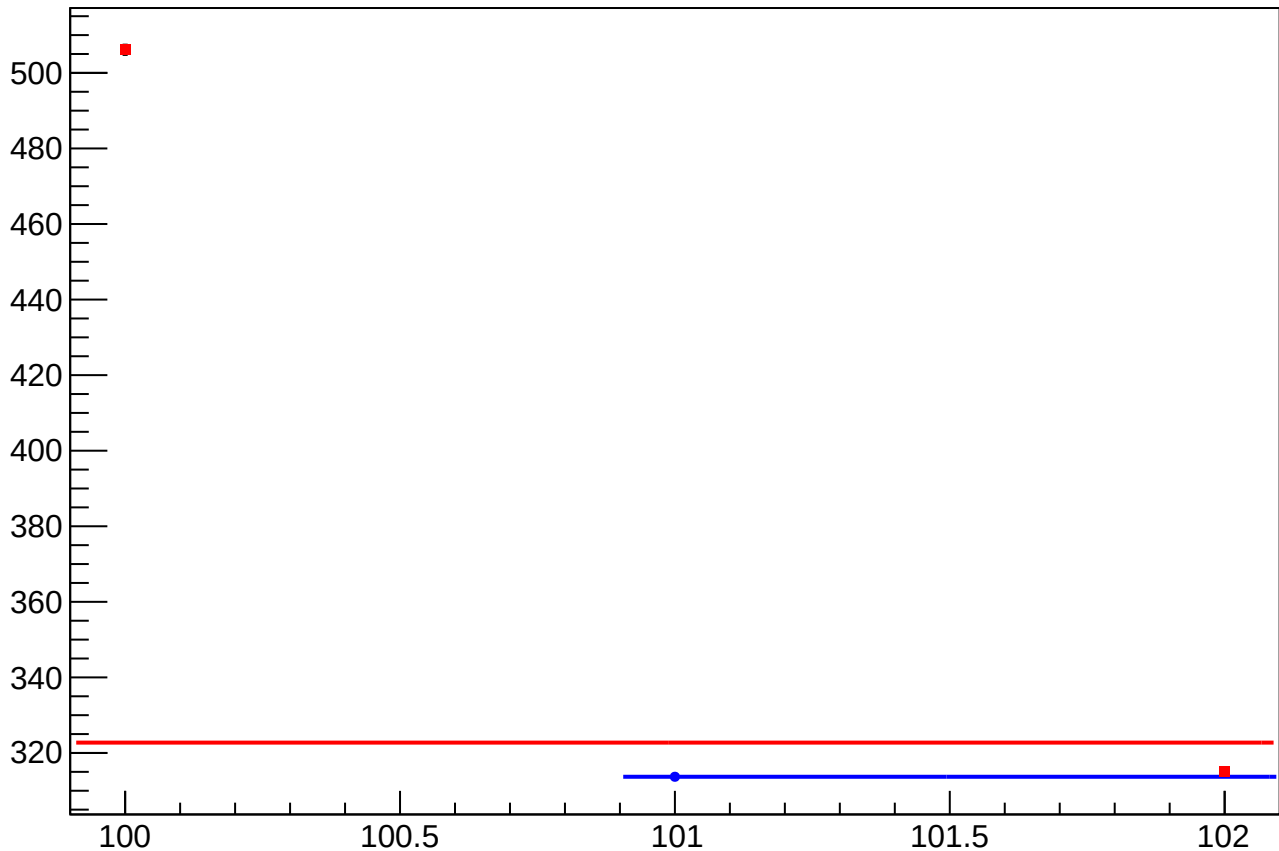
Right: 127914.763 $\pm$ 0.273 χ^2 /NDF: 422022.7/2

In: 127744.866 $\pm$ 0.387 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 127914.763 $\pm$ 0.273 χ^2 /NDF: 422022.7/2

yield_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 313.701 $\pm$ 0.274 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 322.740 $\pm$ 0.272 χ^2 /NDF: 19081.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

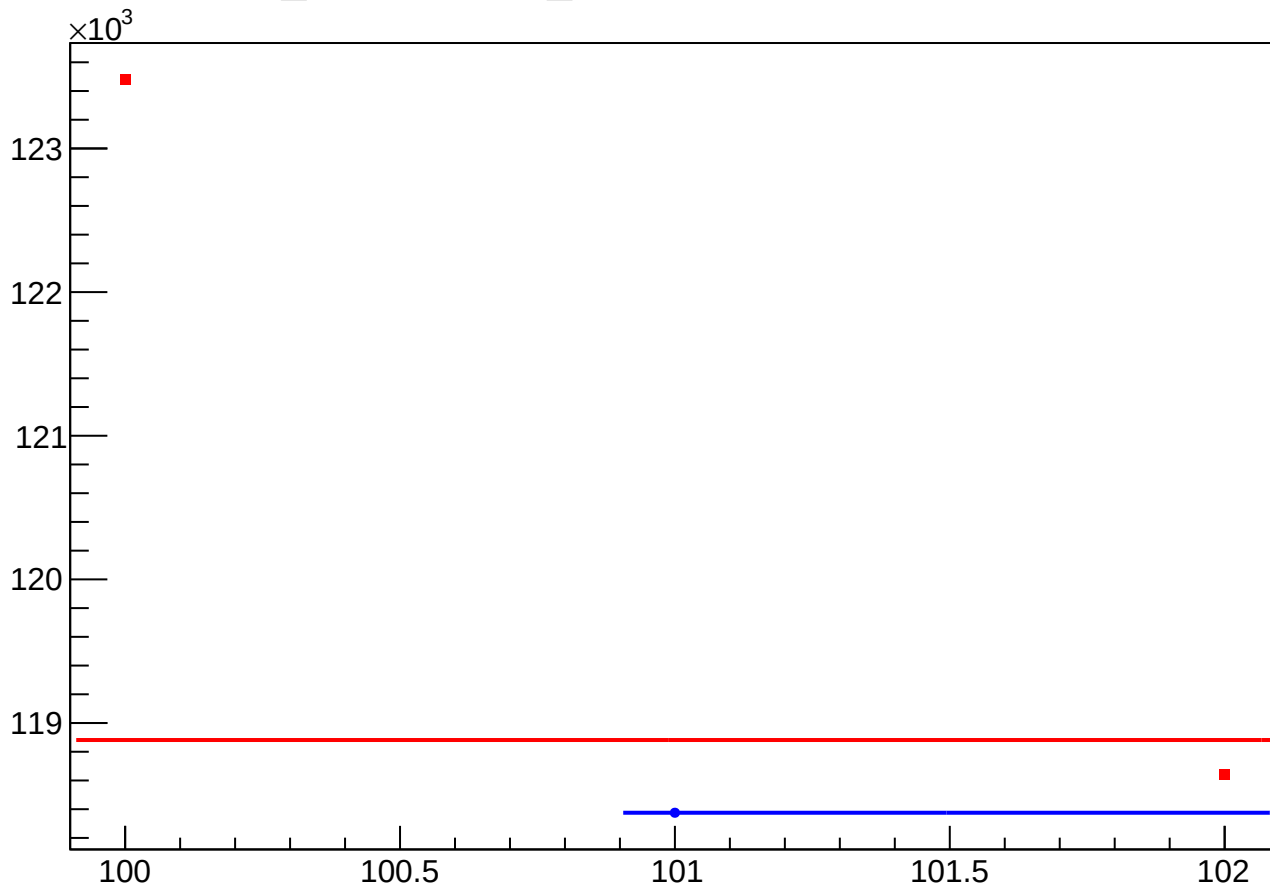
Right: 318.254 $\pm$ 0.193 χ^2 /NDF: 19630.1/2

In: 313.701 $\pm$ 0.274 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 318.254 $\pm$ 0.193 χ^2 /NDF: 19630.1/2

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: 118375.369+/-0.410 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 118881.685+/-0.399 χ^2 /NDF: 6842291.3/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

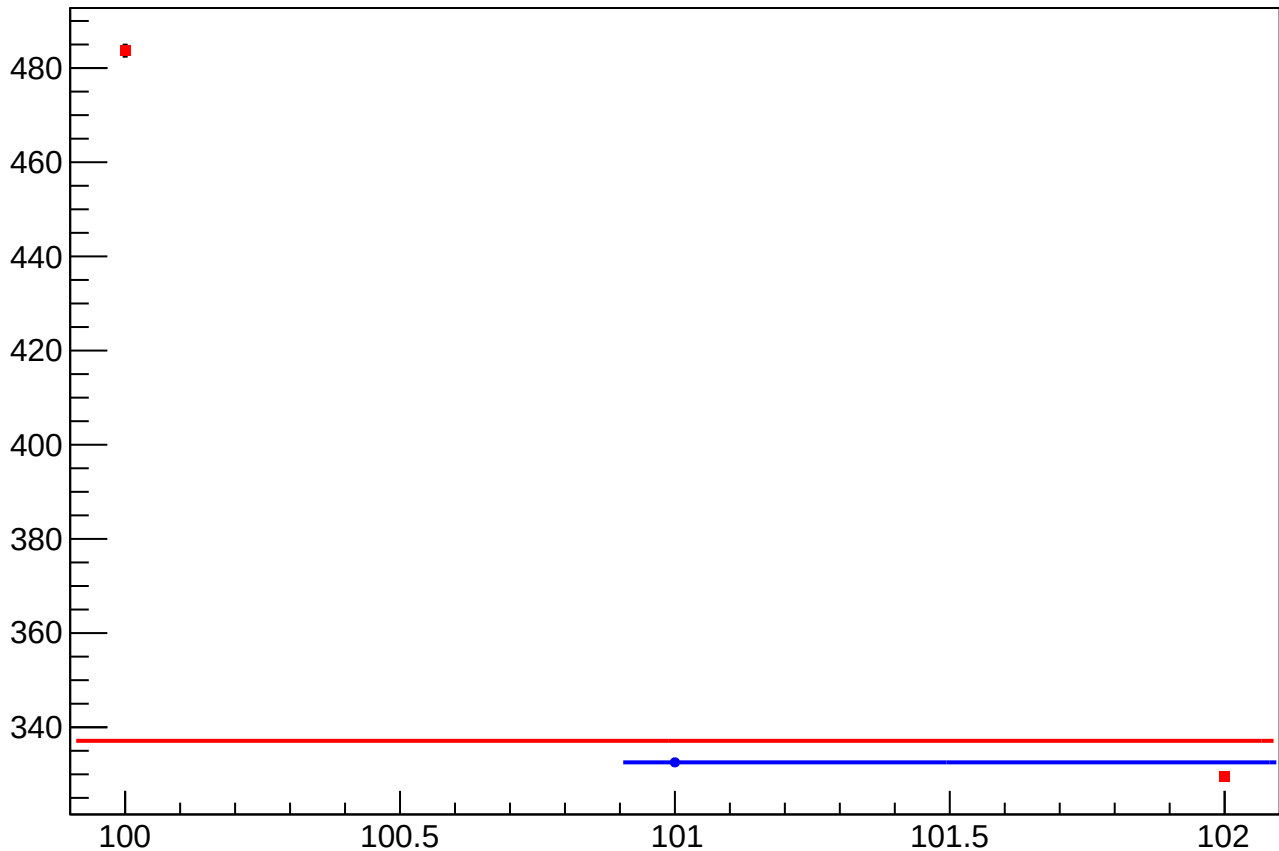
Right: 118635.621+/-0.286 χ^2 /NDF: 7624571.2/2

In: 118375.369+/-0.410 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 118635.621+/-0.286 χ^2 /NDF: 7624571.2

yield_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 332.546 $\pm$ 0.290 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 337.119 $\pm$ 0.282 χ^2 /NDF: 13921.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

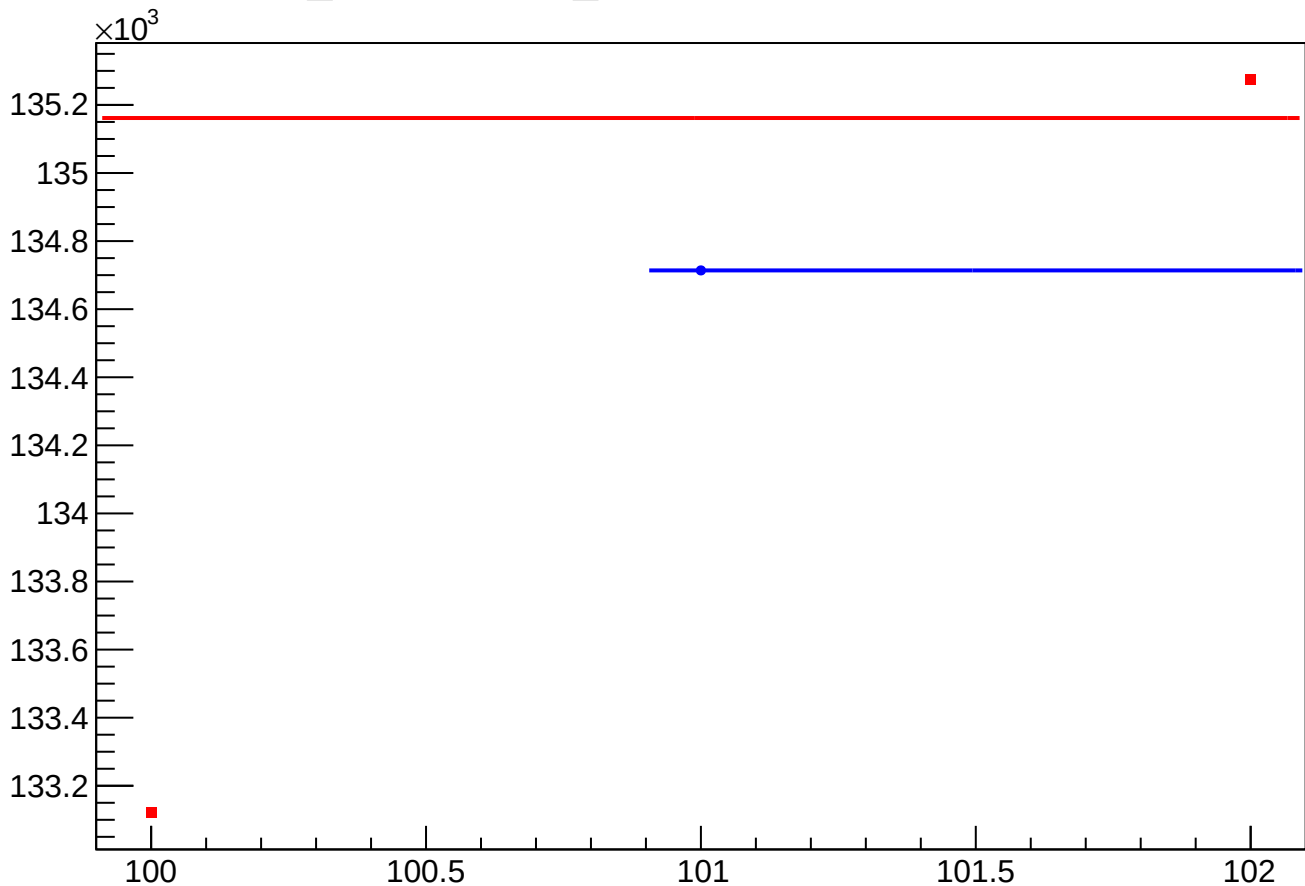
Right: 334.896 $\pm$ 0.202 χ^2 /NDF: 14049.0/2

In: 332.546 $\pm$ 0.290 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 334.896 $\pm$ 0.202 χ^2 /NDF: 14049.0/2

yield_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: 134713.885+/-0.449 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135161.552+/-0.436 χ^2/NDF : 1201305.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

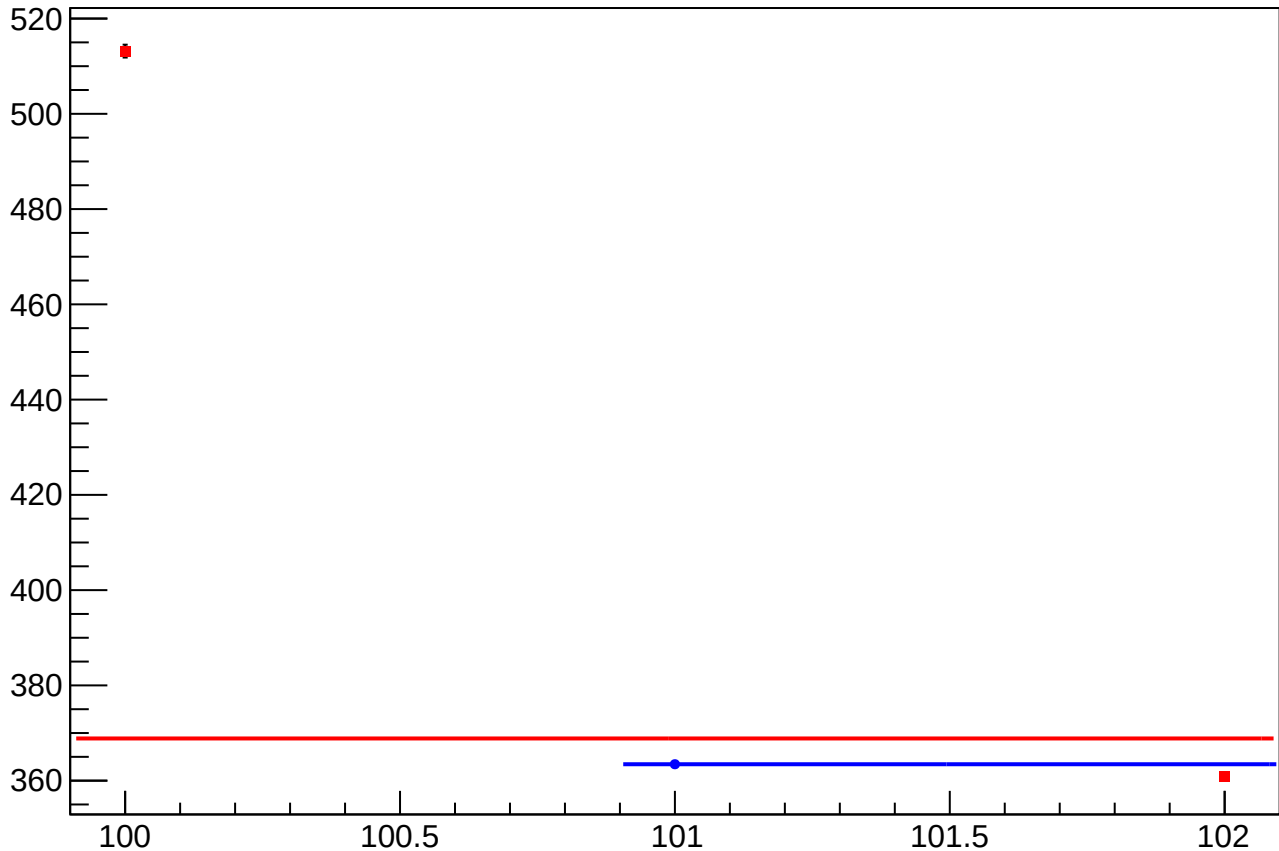
Right: 134943.898+/-0.313 χ^2/NDF : 1713007.8/2

In: 134713.885+/-0.449 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134943.898+/-0.313 χ^2/NDF : 1713007.8

yield_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 363.447 $\pm$ 0.317 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 368.857 $\pm$ 0.309 χ^2 /NDF: 12034.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

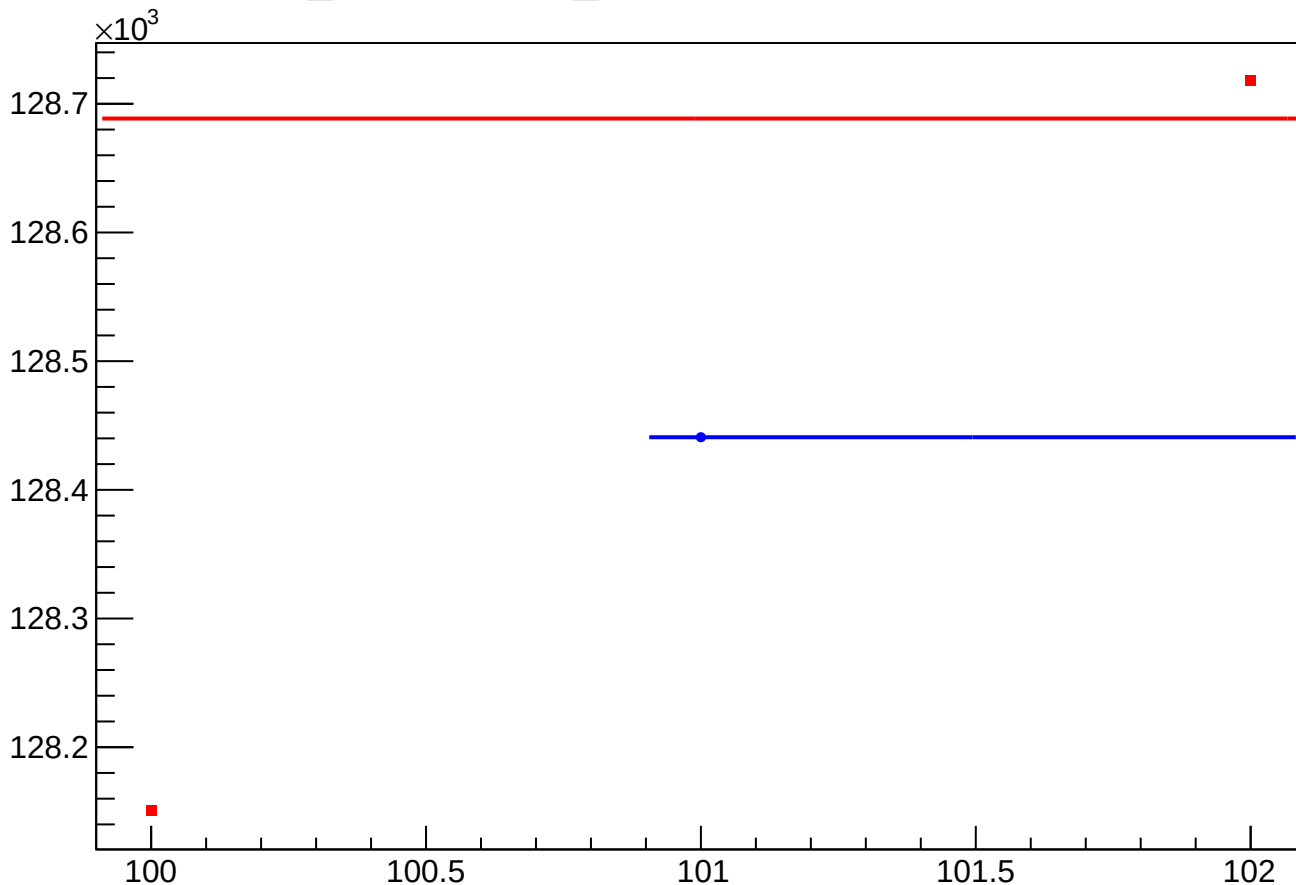
Right: 366.227 $\pm$ 0.221 χ^2 /NDF: 12183.9/2

In: 363.447 $\pm$ 0.317 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 366.227 $\pm$ 0.221 χ^2 /NDF: 12183.9/2

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: 128440.889+/-0.430 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128688.571+/-0.417 χ^2/NDF : 92073.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

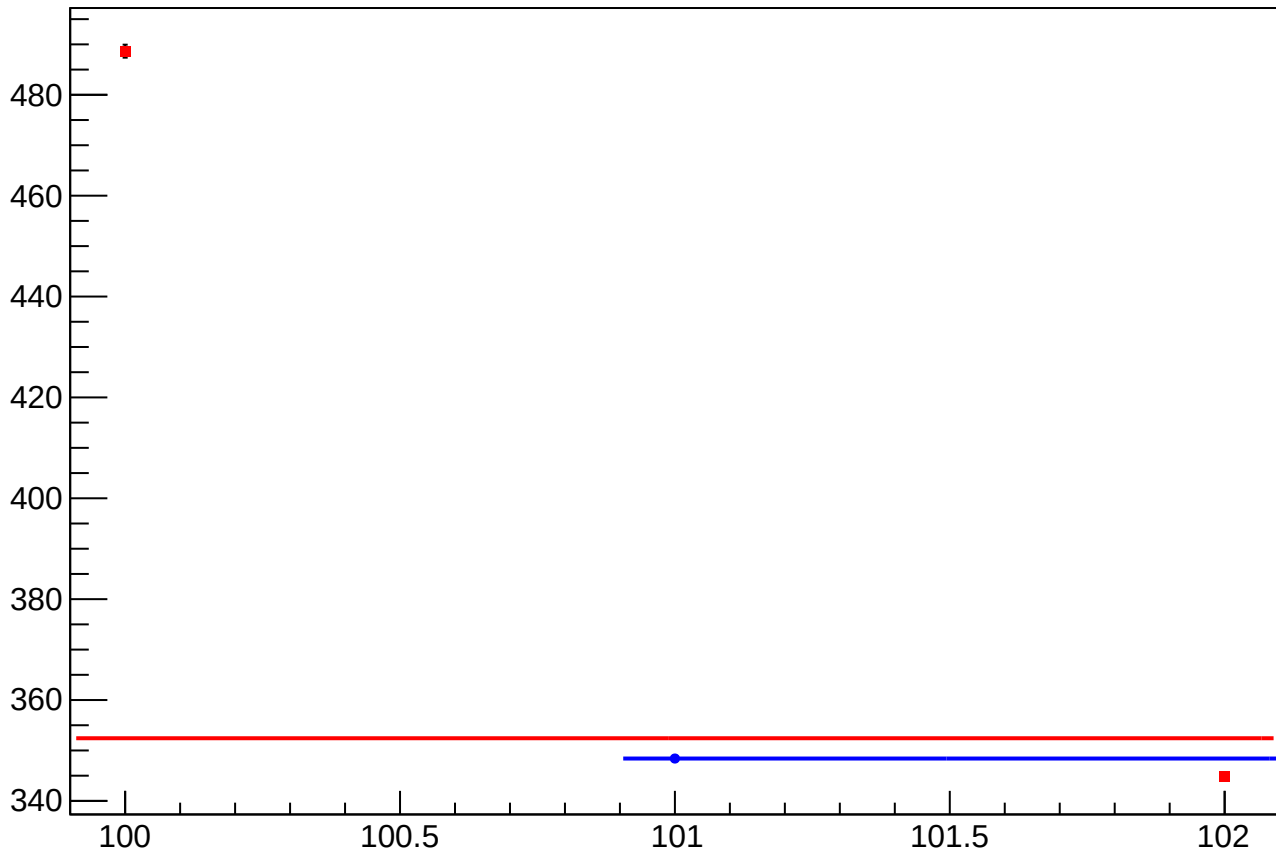
Right: 128568.566+/-0.299 χ^2/NDF : 263073.3/2

In: 128440.889+/-0.430 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128568.566+/-0.299 χ^2/NDF : 263073.3/2

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 348.401 $\pm$ 0.304 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 352.424 $\pm$ 0.295 χ^2 /NDF: 11818.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

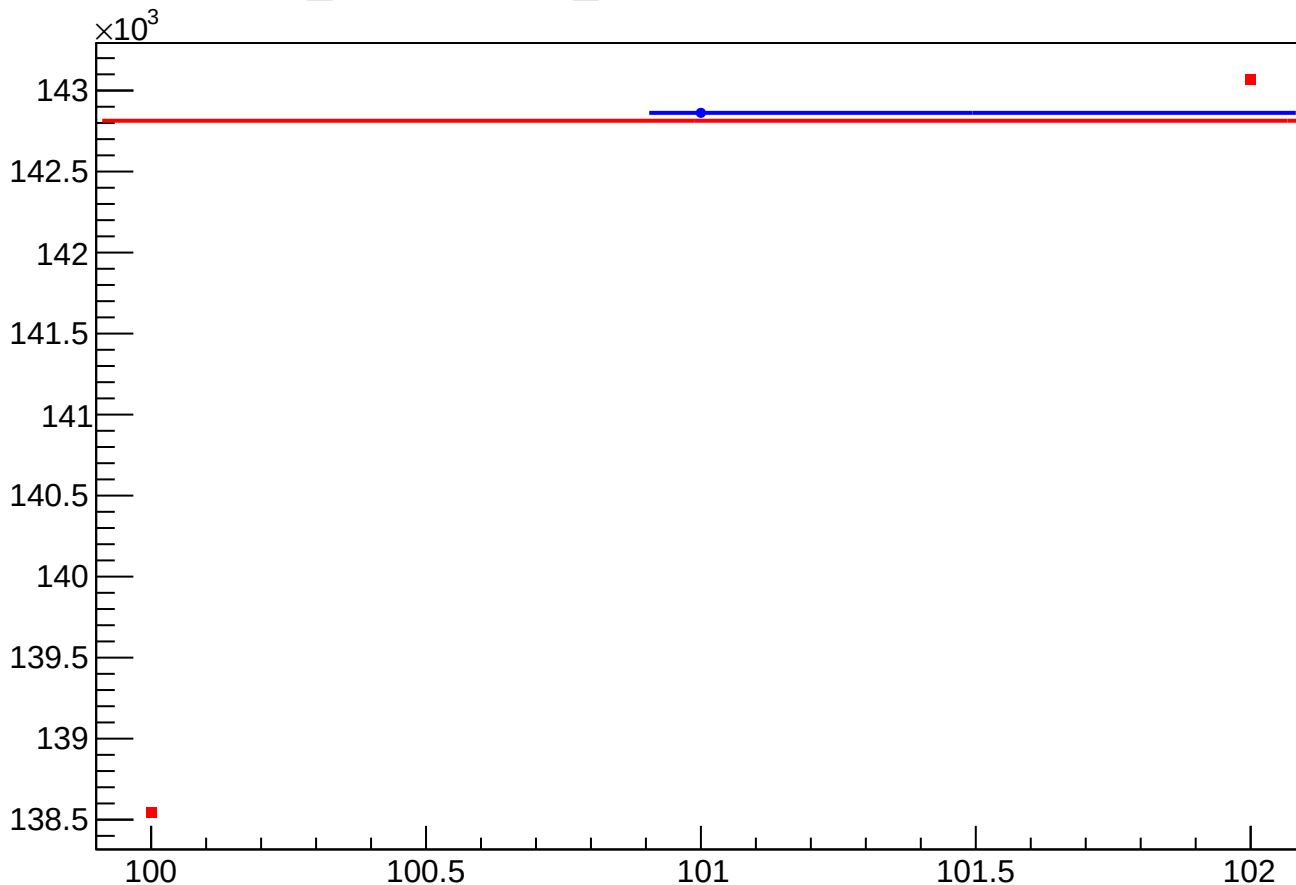
Right: 350.475 $\pm$ 0.212 χ^2 /NDF: 11909.2/2

In: 348.401 $\pm$ 0.304 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 350.475 $\pm$ 0.212 χ^2 /NDF: 11909.2/2

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: 142862.320+/-0.493 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142813.636+/-0.478 χ^2/NDF : 4725993.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

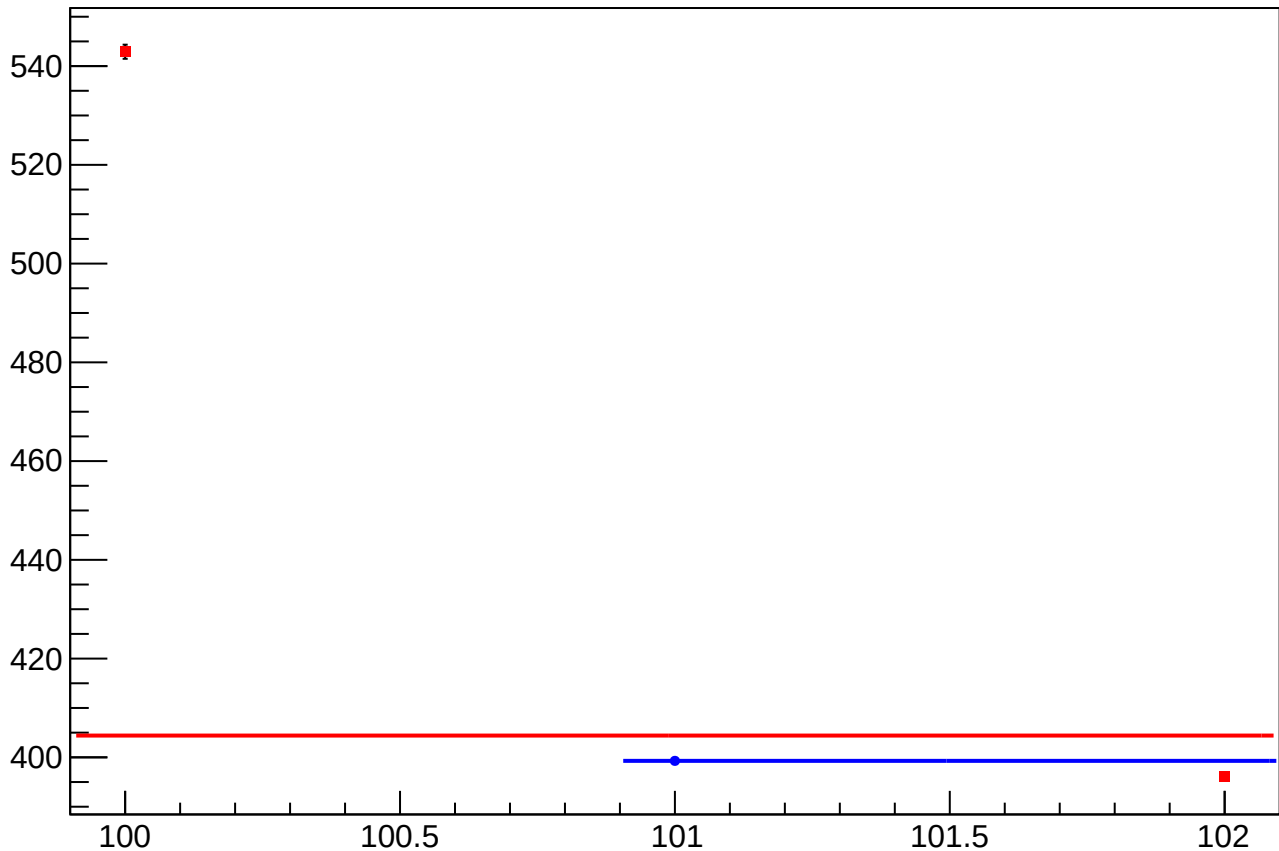
Right: 142837.231+/-0.343 χ^2/NDF : 4731020.7/2

In: 142862.320+/-0.493 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142837.231+/-0.343 χ^2/NDF : 4731020.7

yield_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 399.287 $\pm$ 0.349 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 404.411 $\pm$ 0.338 χ^2 /NDF: 9947.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

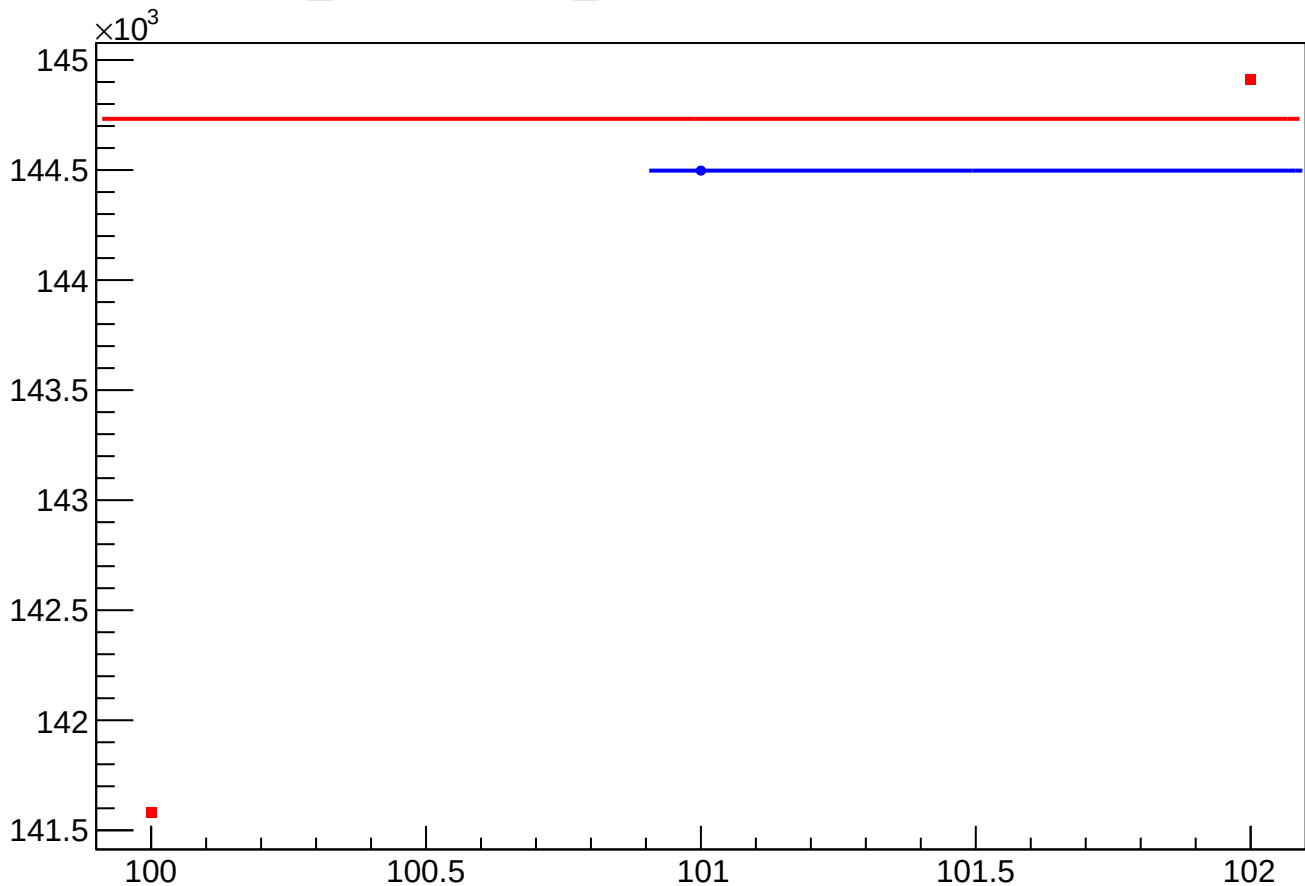
Right: 401.927 $\pm$ 0.243 χ^2 /NDF: 10059.0/2

In: 399.287 $\pm$ 0.349 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 401.927 $\pm$ 0.243 χ^2 /NDF: 10059.0/2

yield_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: 144497.394+/-0.486 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144732.694+/-0.471 χ^2/NDF : 2522145.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

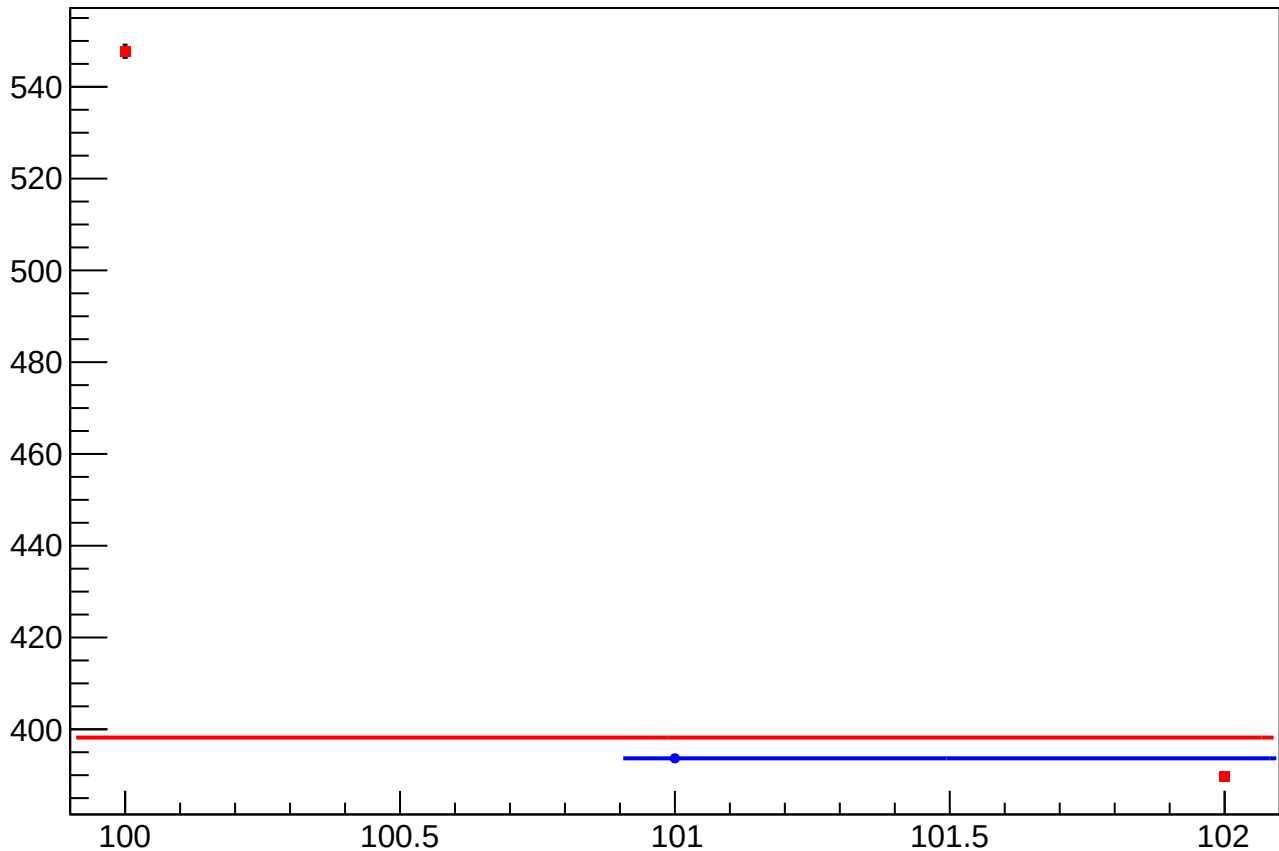
Right: 144618.729+/-0.338 χ^2/NDF : 2643081.5/2

In: 144497.394+/-0.486 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144618.729+/-0.338 χ^2/NDF : 2643081.5

yield_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 393.668 $\pm$ 0.344 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 398.192 $\pm$ 0.333 χ^2 /NDF: 11361.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

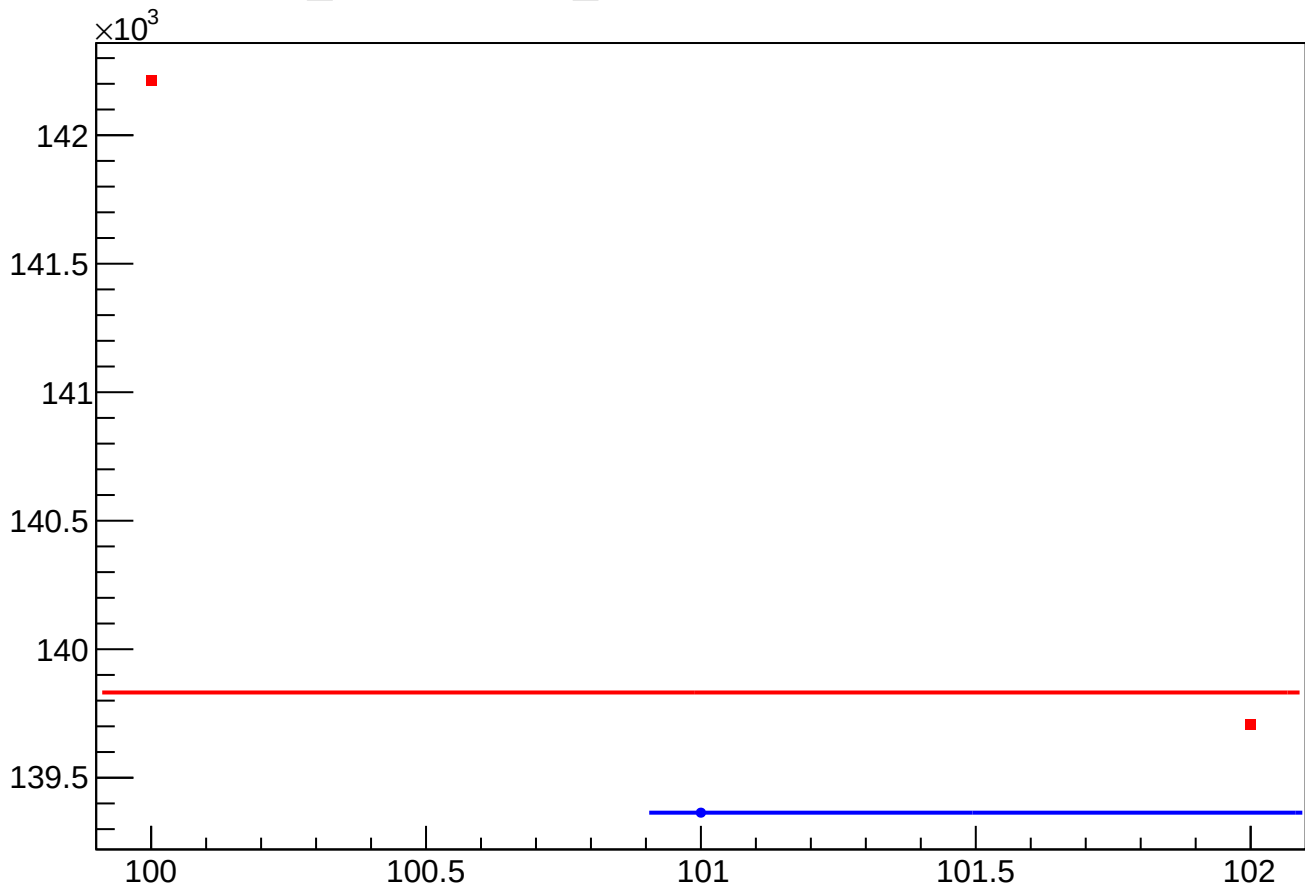
Right: 396.001 $\pm$ 0.239 χ^2 /NDF: 11451.3/2

In: 393.668 $\pm$ 0.344 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 396.001 $\pm$ 0.239 χ^2 /NDF: 11451.3/2

yield_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 139364.062 $\pm$ 0.485 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 139831.700 $\pm$ 0.467 χ^2 /NDF: 1357892.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

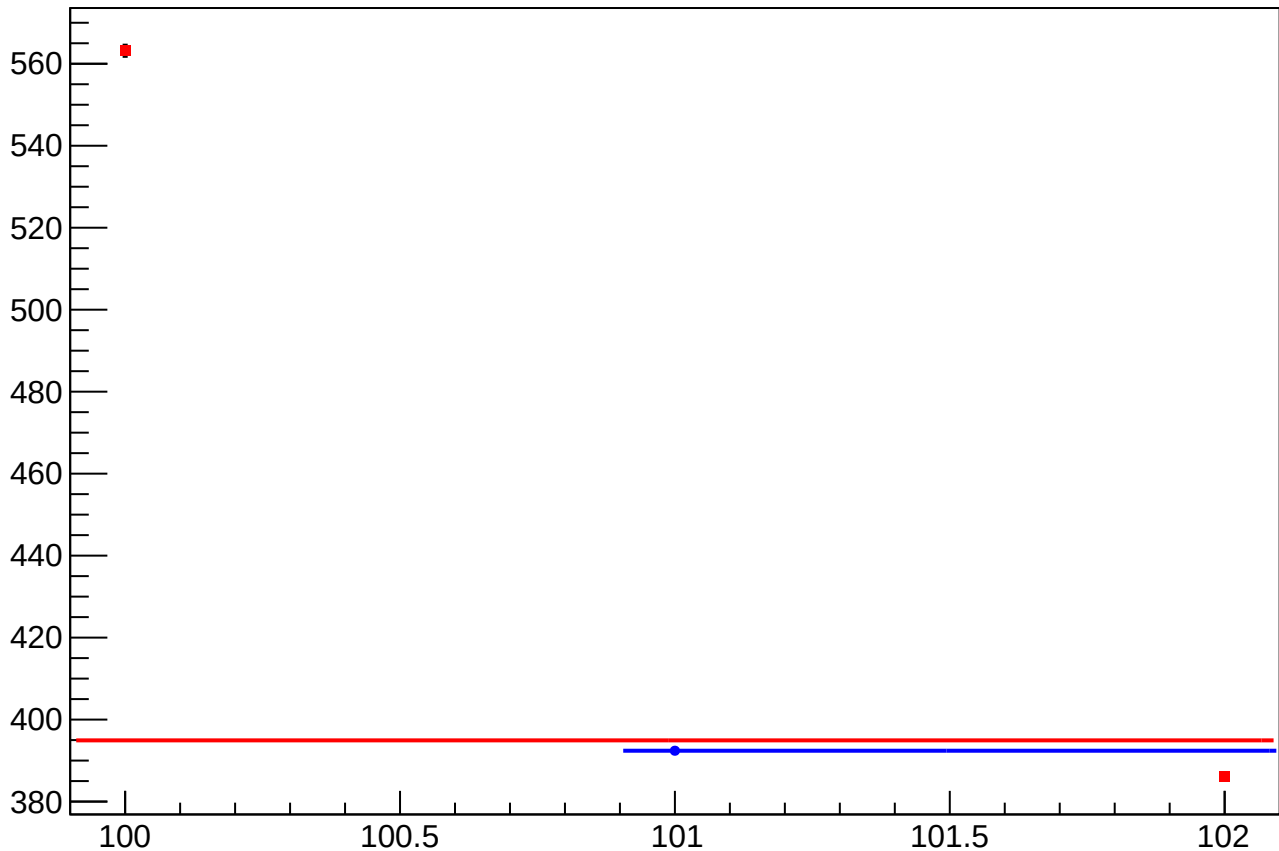
Right: 139606.332 $\pm$ 0.336 χ^2 /NDF: 1840378.3/2

In: 139364.062 $\pm$ 0.485 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 139606.332 $\pm$ 0.336 χ^2 /NDF: 1840378.3

yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 392.404+/-0.343 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 394.931+/-0.330 χ^2/NDF : 13544.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

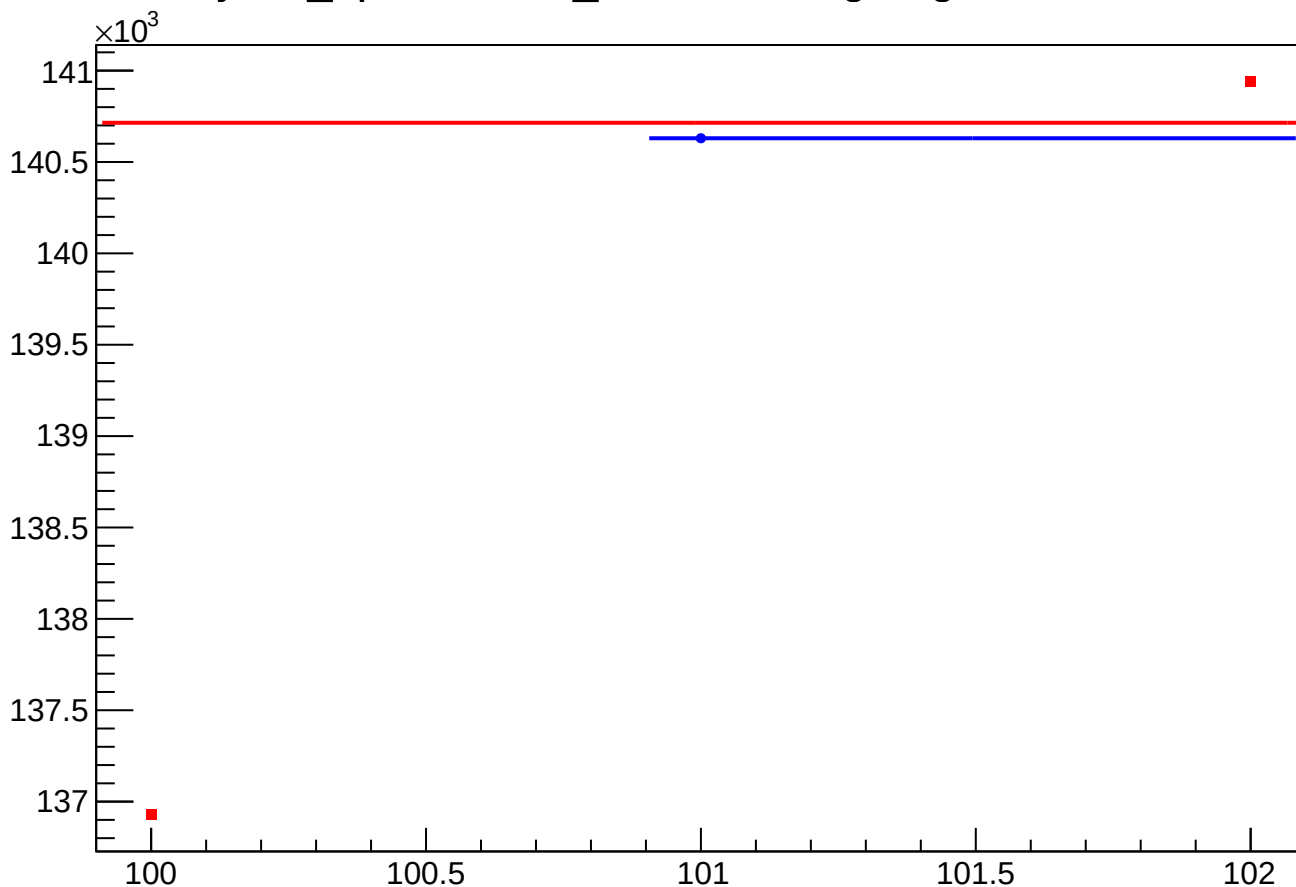
Right: 393.713+/-0.238 χ^2/NDF : 13573.1/2

In: 392.404+/-0.343 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 393.713+/-0.238 χ^2/NDF : 13573.1/2

yield_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: 140629.879+/-0.486 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 140714.581+/-0.469 χ^2/NDF : 3854233.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

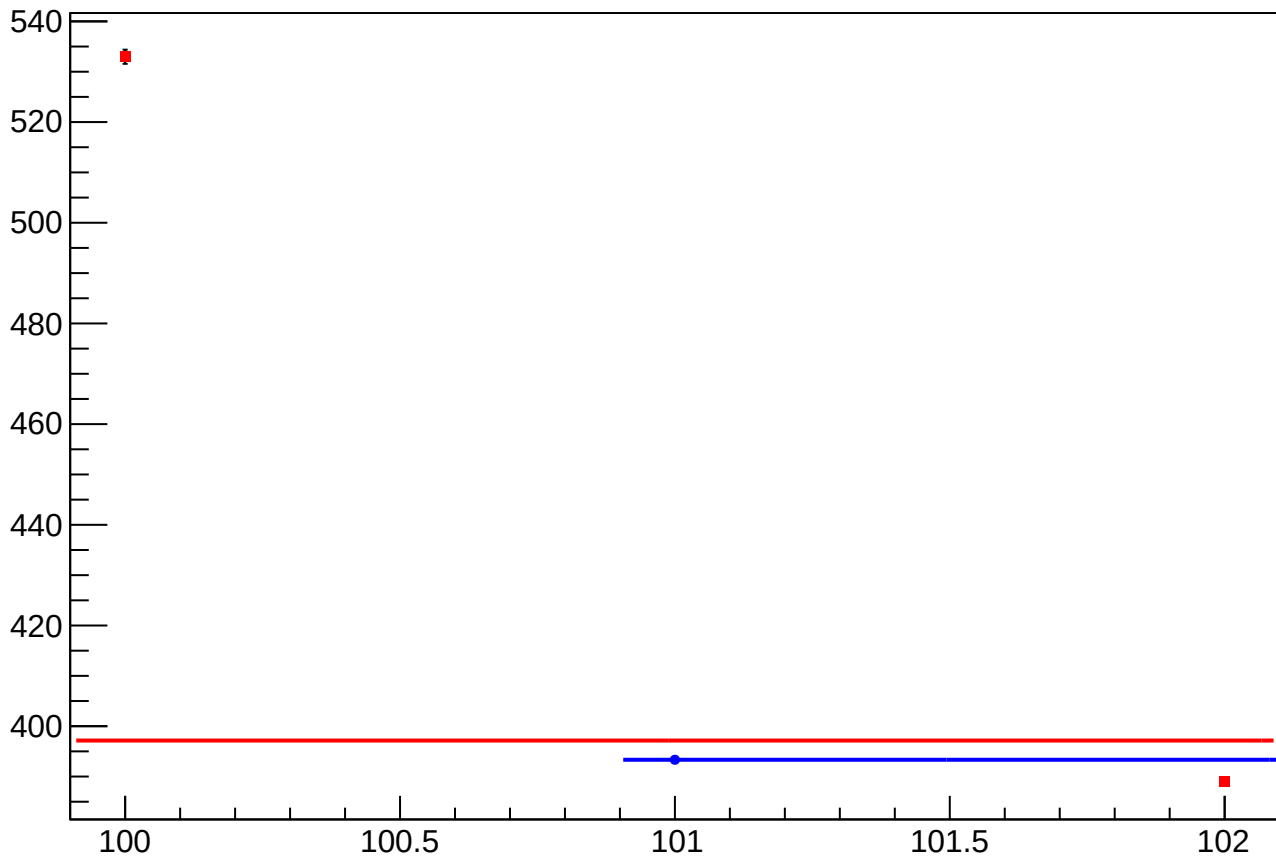
Right: 140673.666+/-0.338 χ^2/NDF : 3869958.2/2

In: 140629.879+/-0.486 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140673.666+/-0.338 χ^2/NDF : 3869958.2

yield_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 393.332 $\pm$ 0.343 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 397.154 $\pm$ 0.332 χ^2 /NDF: 9927.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

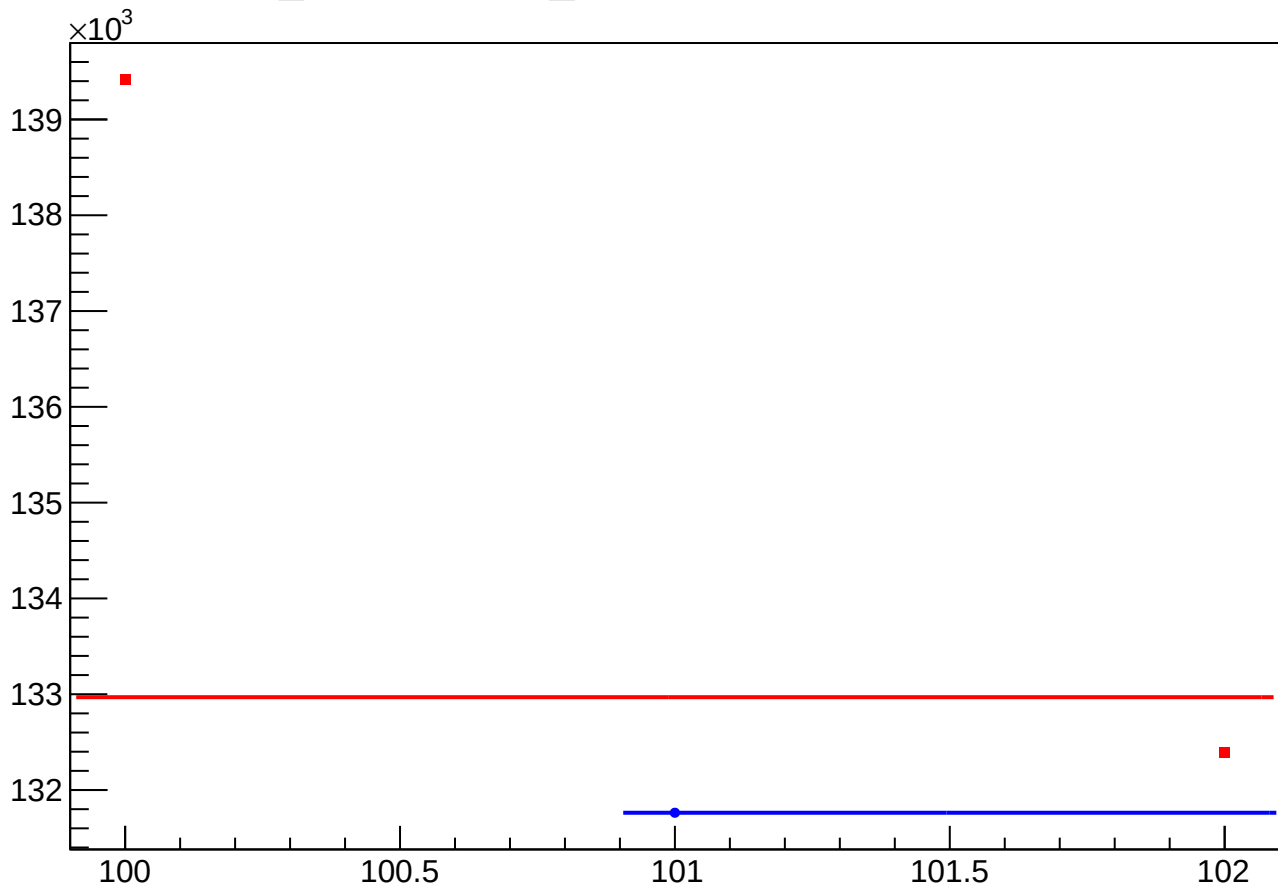
Right: 395.308 $\pm$ 0.239 χ^2 /NDF: 9991.4/2

In: 393.332 $\pm$ 0.343 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 395.308 $\pm$ 0.239 χ^2 /NDF: 9991.4/2

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: 131762.865 $\pm$ 0.580 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 132969.146 $\pm$ 0.557 χ^2 /NDF: 11999089.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

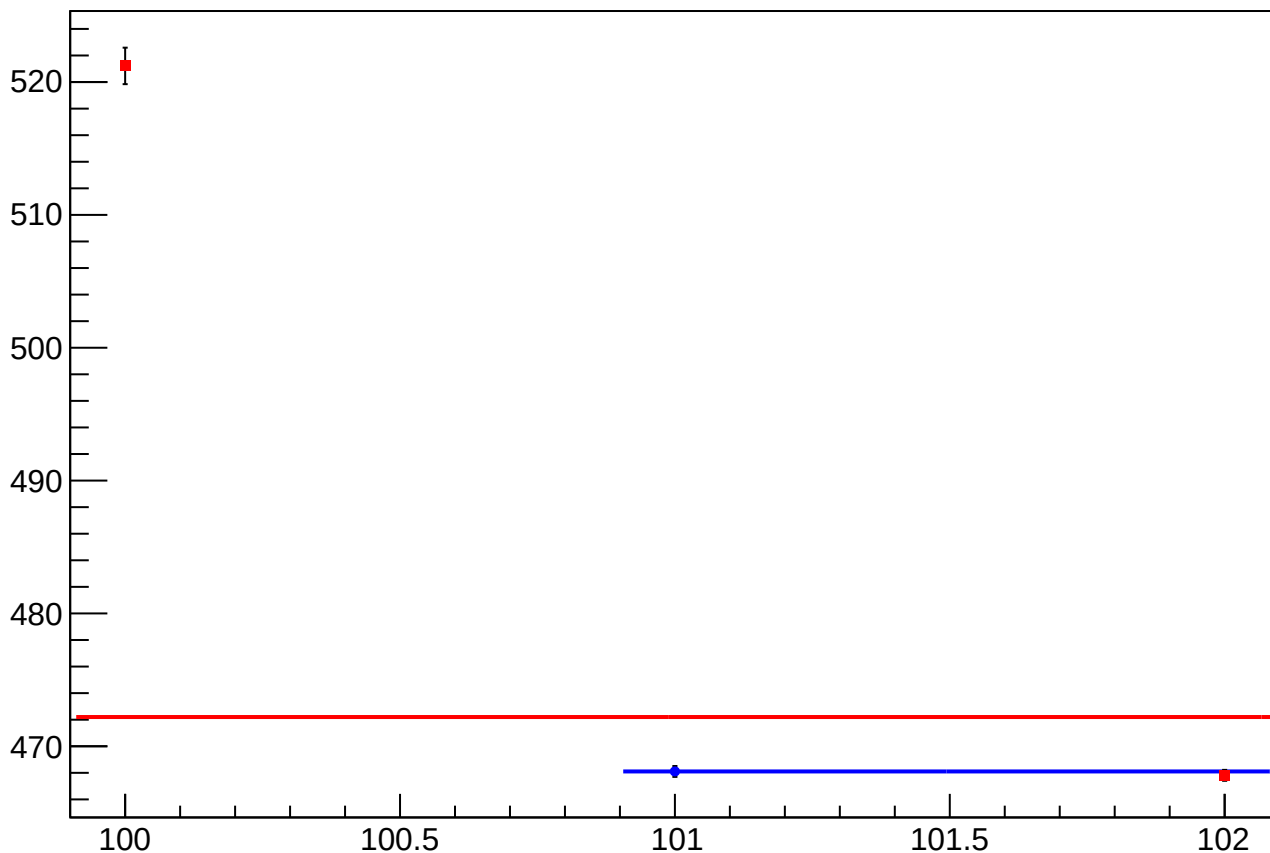
Right: 132390.177 $\pm$ 0.401 χ^2 /NDF: 14252181.4/2

In: 131762.865 $\pm$ 0.580 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 132390.177 $\pm$ 0.401 χ^2 /NDF: 14252181.4

yield_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 468.105 +/- 0.410 χ^2/NDF : 0.0/0

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 472.201 +/- 0.394 χ^2/NDF : 1388.2/1

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

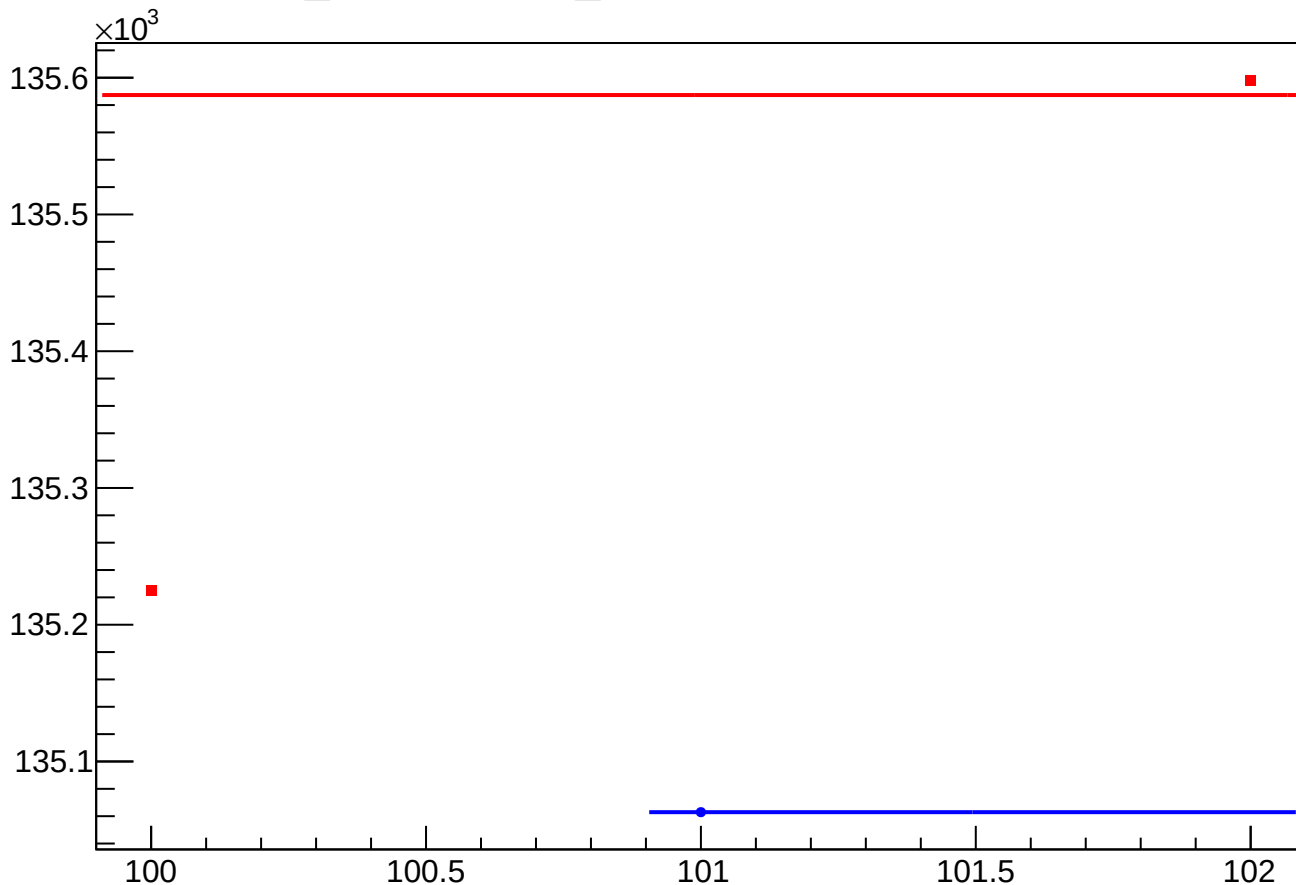
Right: 470.235 +/- 0.284 χ^2/NDF : 1440.2/2

In: 468.105 +/- 0.410 χ^2/NDF : 0.0/0

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 470.235 +/- 0.284 χ^2/NDF : 1440.2/2

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 135062.931 $\pm$ 0.457 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 135587.325 $\pm$ 0.451 χ^2 /NDF: 19261.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

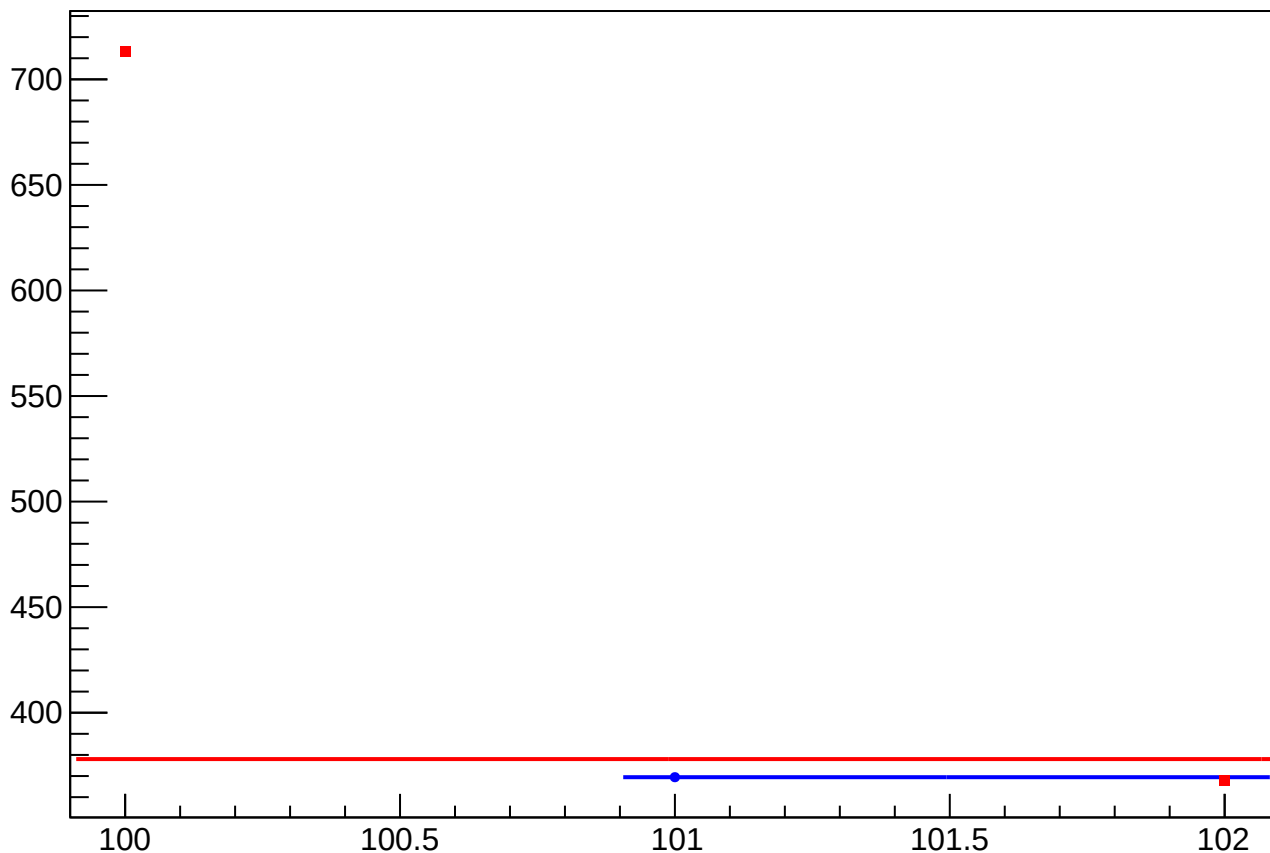
Right: 135328.583 $\pm$ 0.321 χ^2 /NDF: 687584.5/2

In: 135062.931 $\pm$ 0.457 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 135328.583 $\pm$ 0.321 χ^2 /NDF: 687584.5/2

yield_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 369.453 $\pm$ 0.323 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 378.033 $\pm$ 0.319 χ^2 /NDF: 32890.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

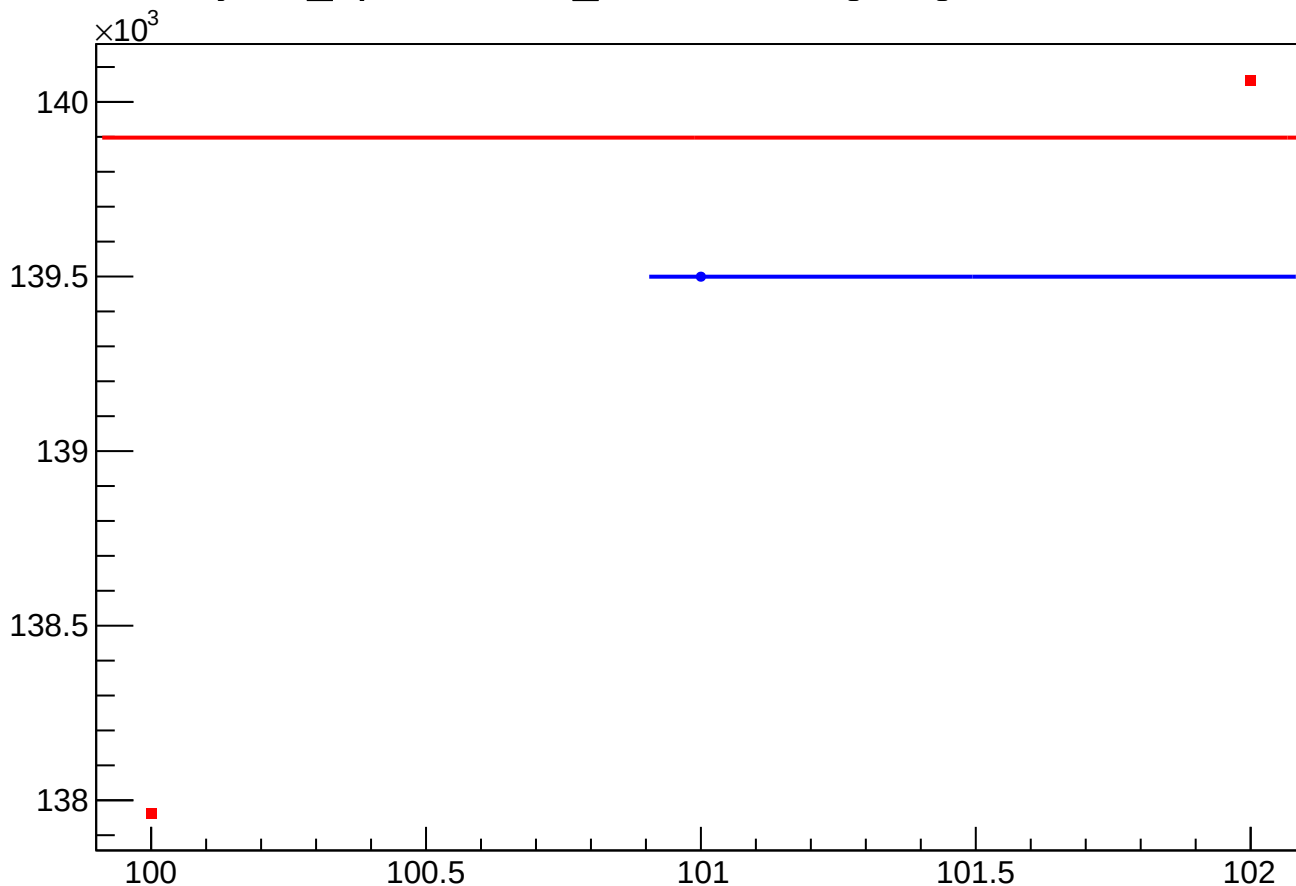
Right: 373.800 $\pm$ 0.227 χ^2 /NDF: 33248.2/2

In: 369.453 $\pm$ 0.323 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 373.800 $\pm$ 0.227 χ^2 /NDF: 33248.2/2

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 139499.522 ± 0.456 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 139897.802 ± 0.460 $\chi^2/\text{NDF}: 1488032.1/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

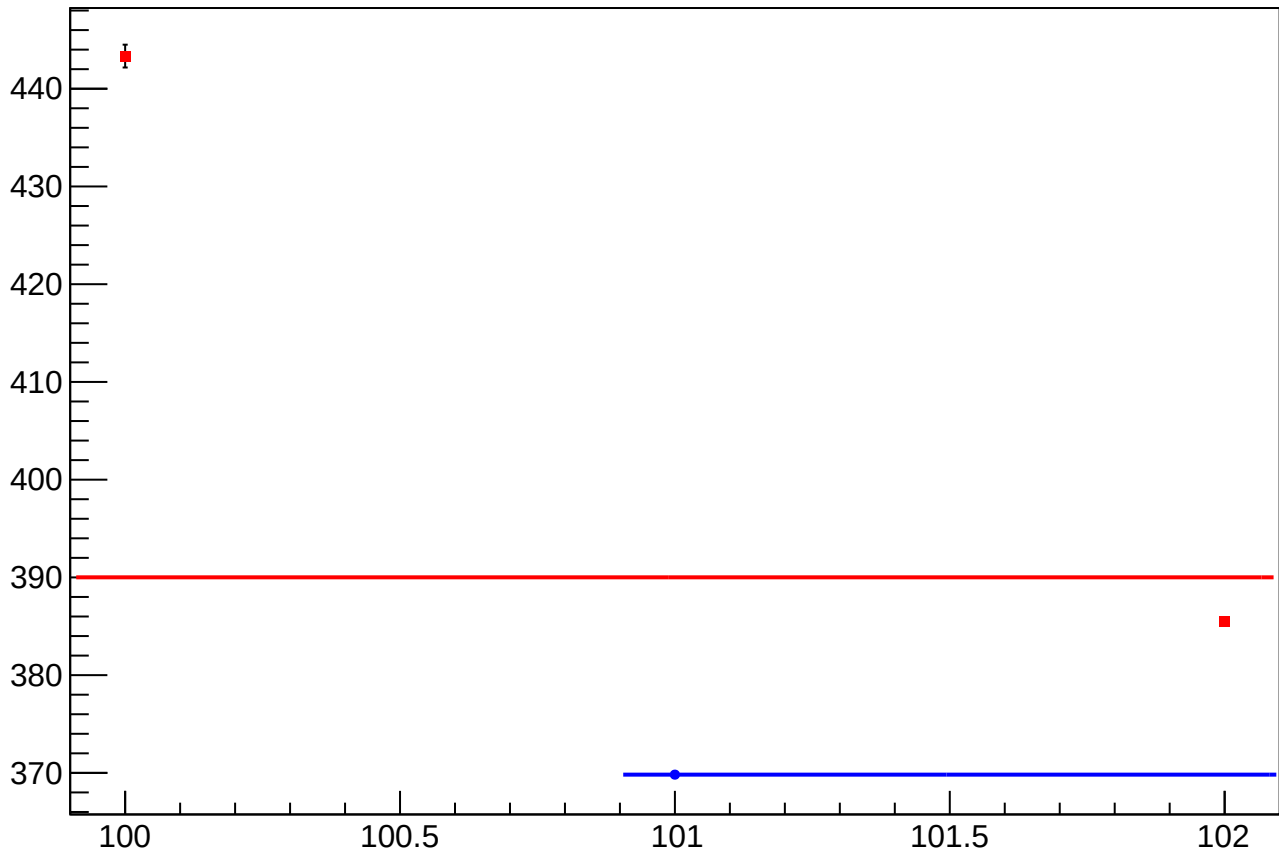
Right: 139697.196 ± 0.324 $\chi^2/\text{NDF}: 1865905.4/2$

In: 139499.522 ± 0.456 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 139697.196 ± 0.324 $\chi^2/\text{NDF}: 1865905.4$

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 369.820+/-0.323 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 390.008+/-0.325 χ^2/NDF : 2261.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

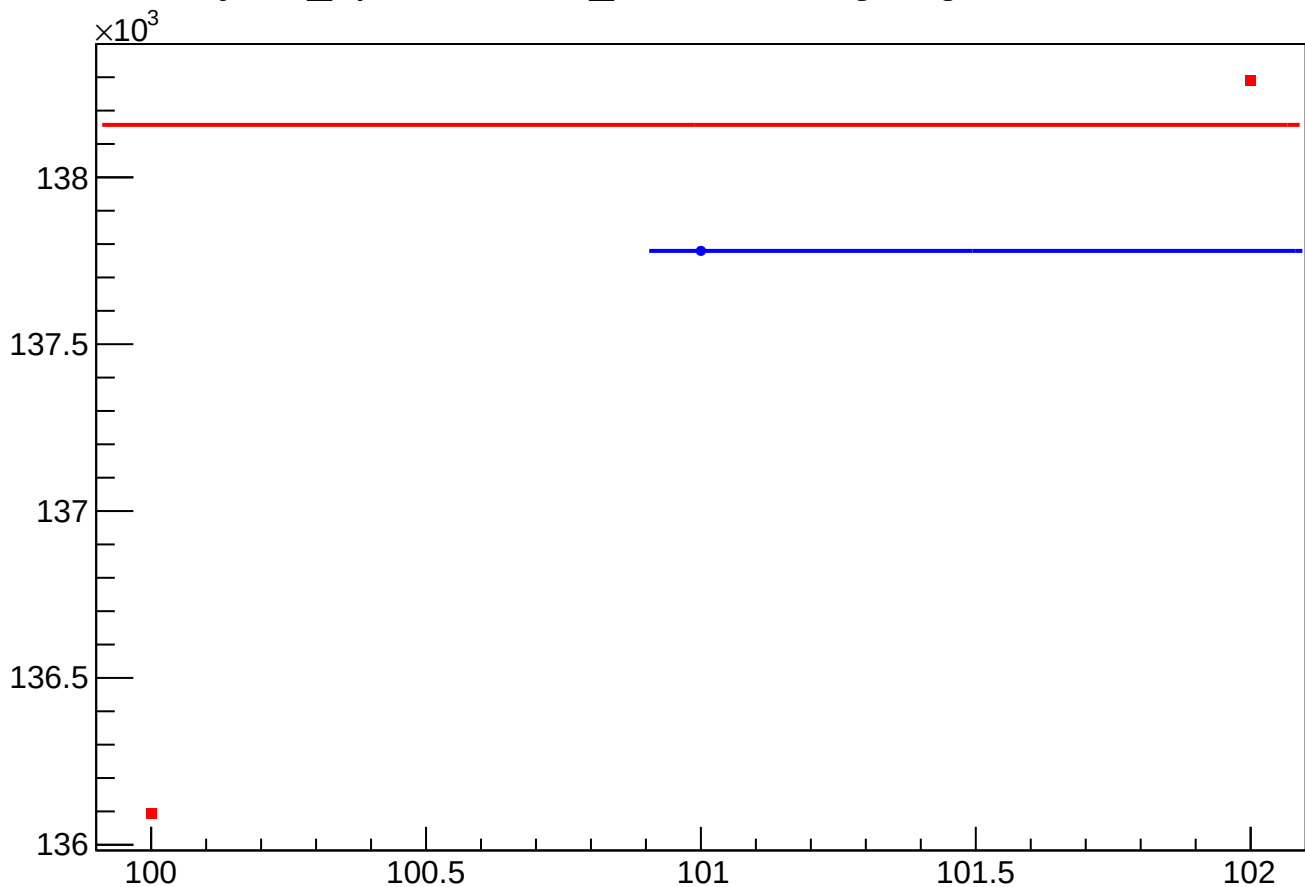
Right: 379.840+/-0.229 χ^2/NDF : 4202.9/2

In: 369.820+/-0.323 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 379.840+/-0.229 χ^2/NDF : 4202.9/2

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 137779.607 $\pm$ 0.447 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 138157.238 $\pm$ 0.436 χ^2 /NDF: 1431525.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

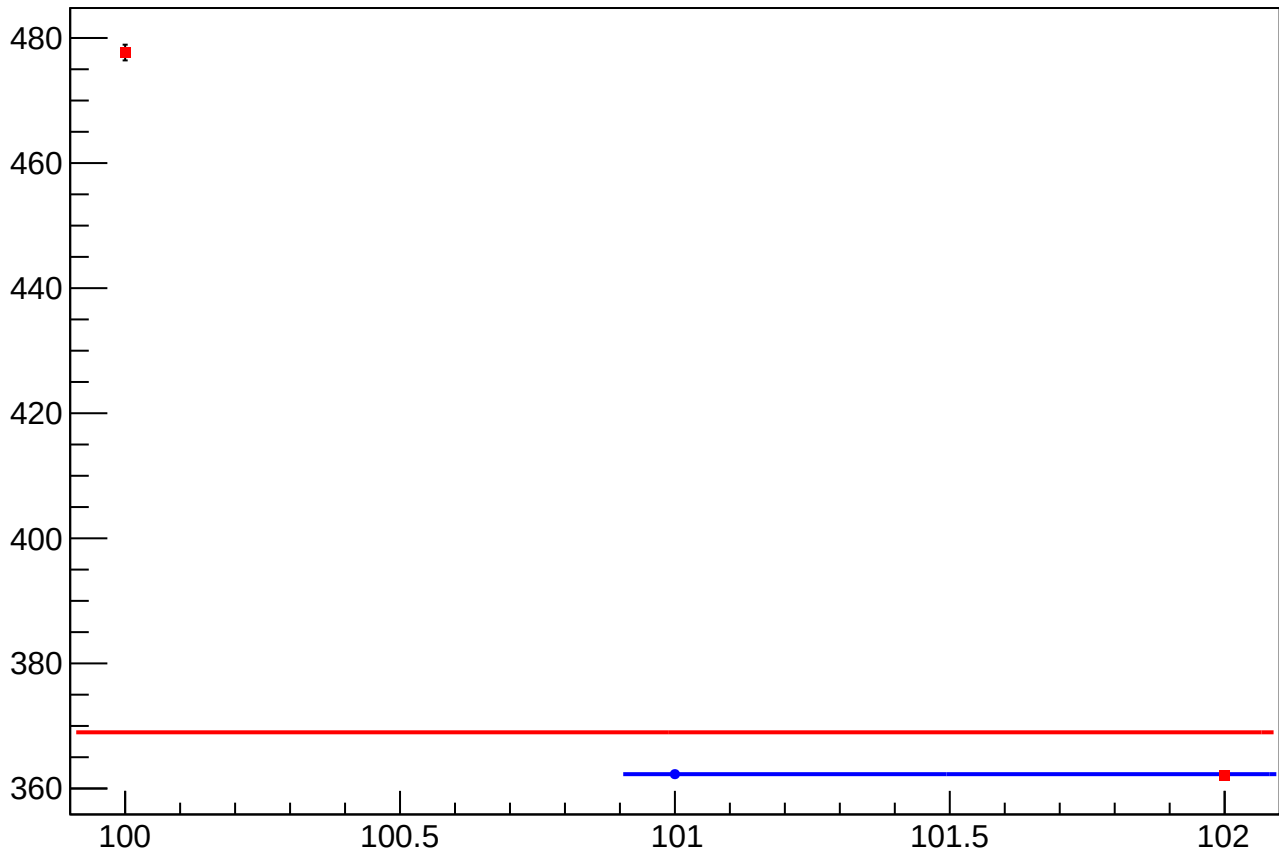
Right: 137973.167 $\pm$ 0.312 χ^2 /NDF: 1797036.0/2

In: 137779.607 $\pm$ 0.447 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 137973.167 $\pm$ 0.312 χ^2 /NDF: 1797036.0

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 362.290 $\pm$ 0.316 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 368.983 $\pm$ 0.308 χ^2 /NDF: 7950.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

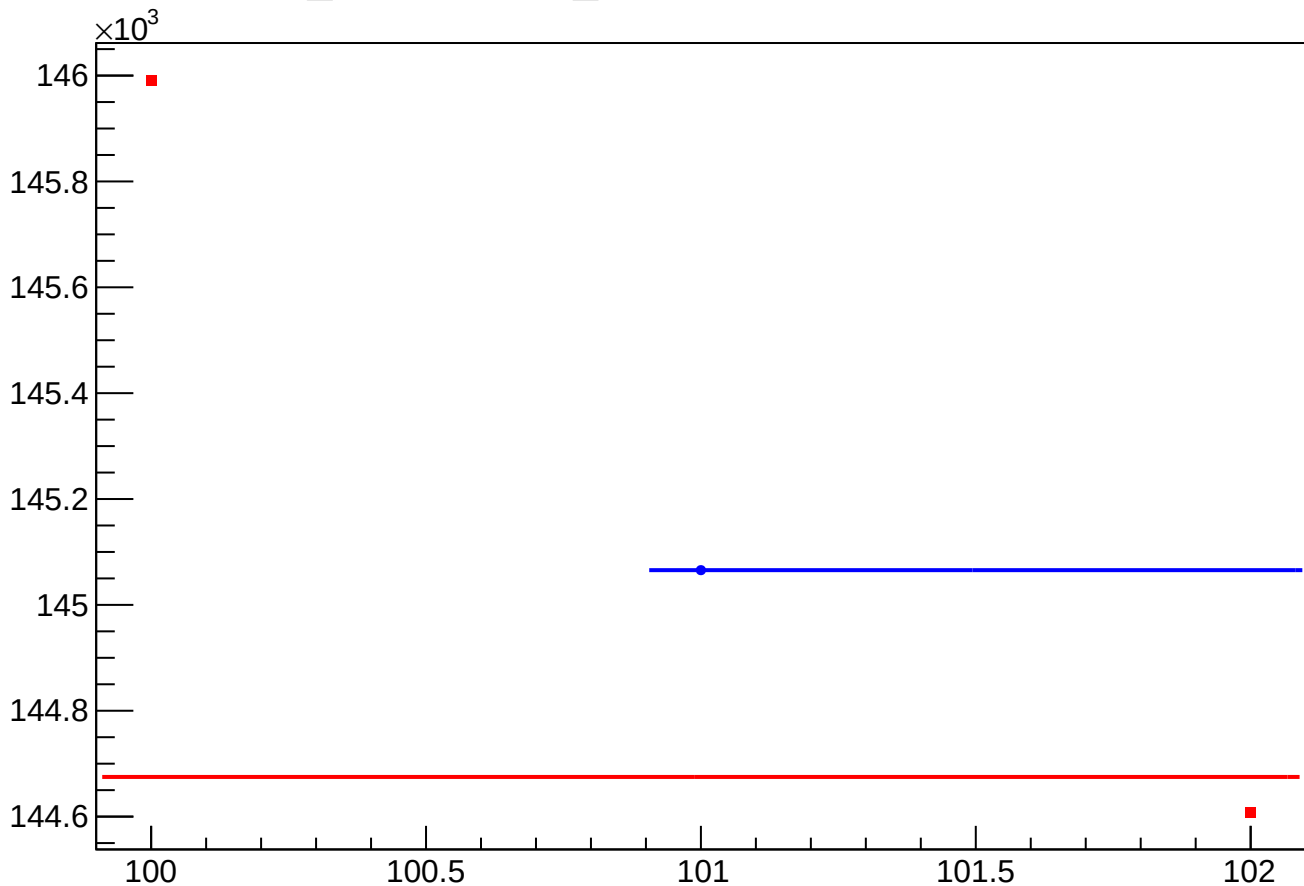
Right: 365.720 $\pm$ 0.221 χ^2 /NDF: 8179.9/2

In: 362.290 $\pm$ 0.316 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 365.720 $\pm$ 0.221 χ^2 /NDF: 8179.9/2

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 145065.613 $\pm$ 0.447 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 144674.935 $\pm$ 0.431 χ^2 /NDF: 477329.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

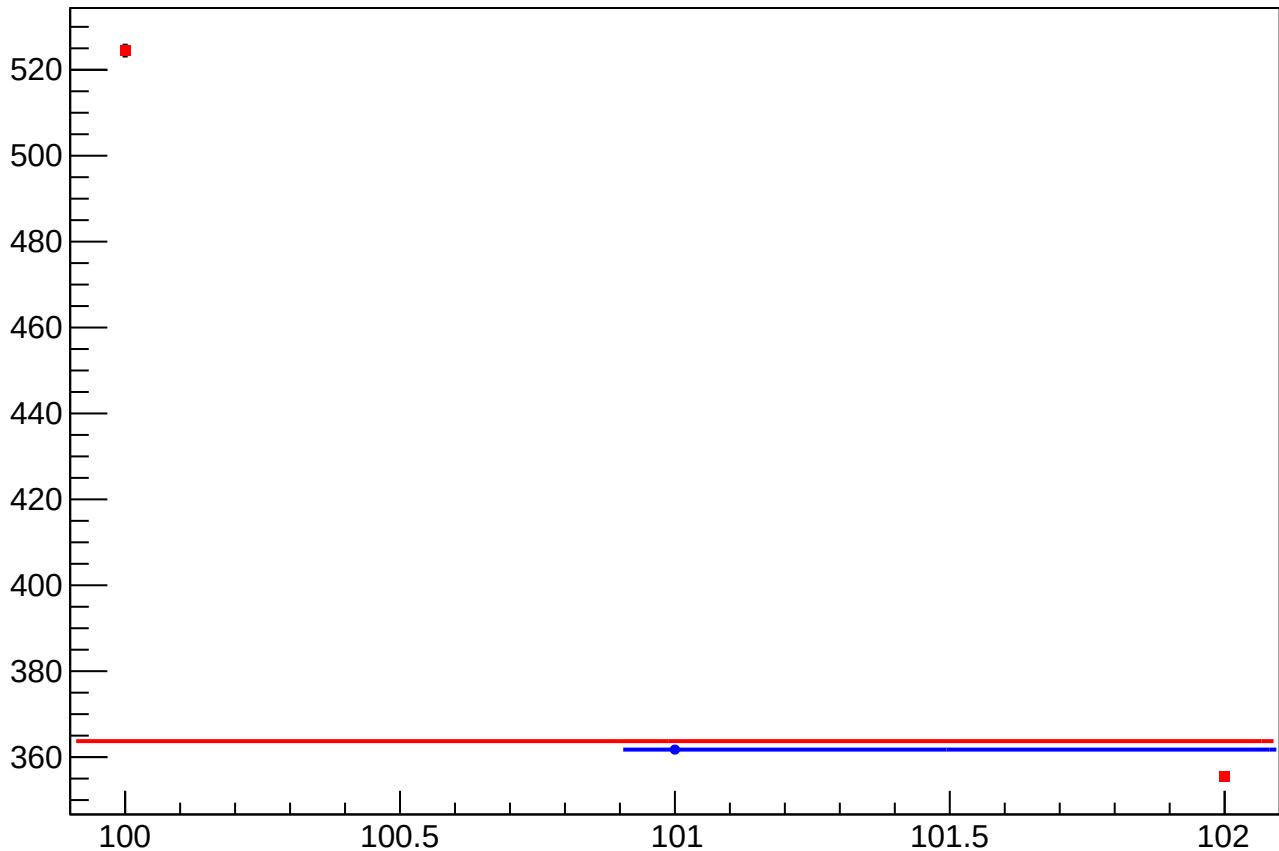
Right: 144863.213 $\pm$ 0.310 χ^2 /NDF: 873932.8/2

In: 145065.613 $\pm$ 0.447 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 144863.213 $\pm$ 0.310 χ^2 /NDF: 873932.8/2

yield_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 361.749+/-0.316 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 363.720+/-0.305 χ^2/NDF : 14257.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

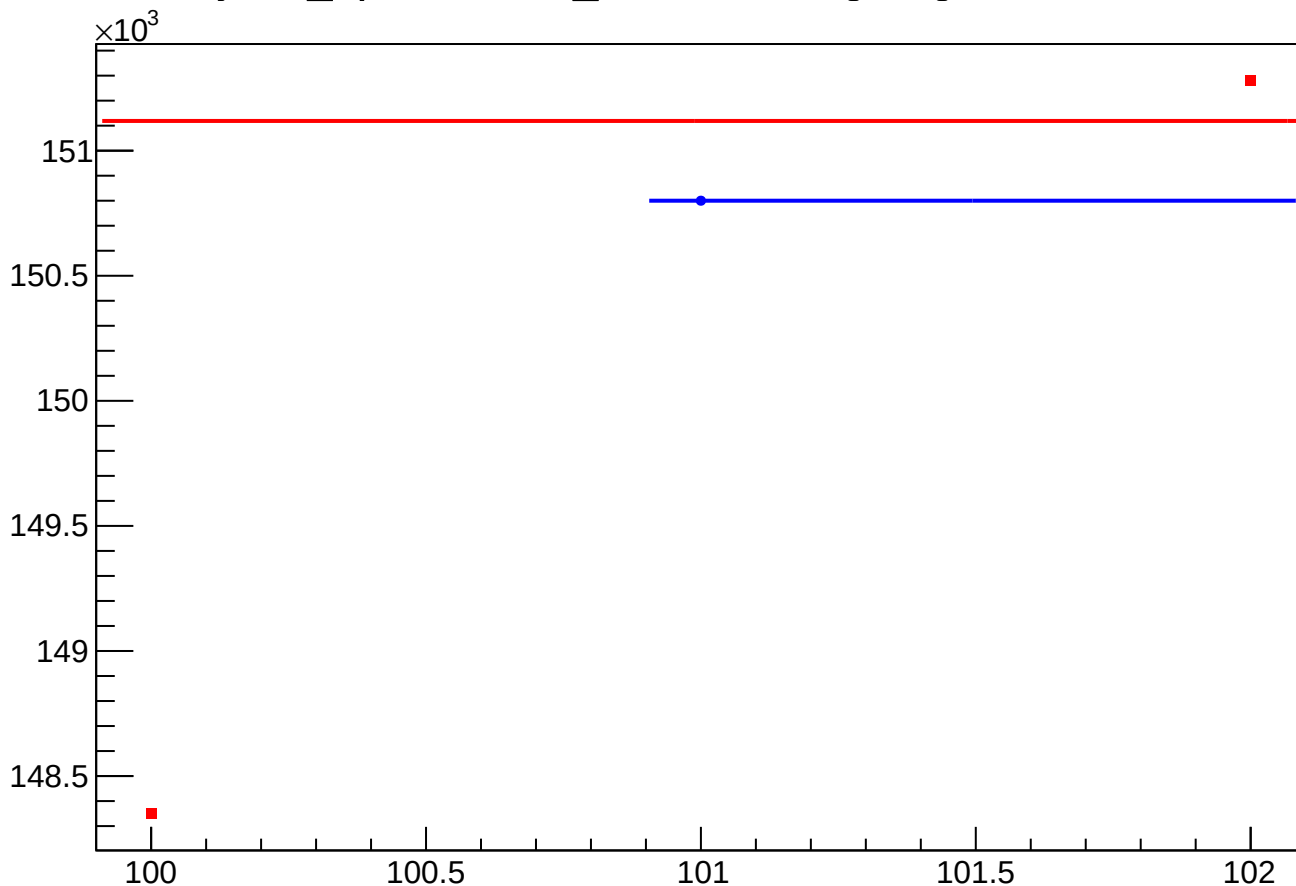
Right: 362.770+/-0.219 χ^2/NDF : 14277.7/2

In: 361.749+/-0.316 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 362.770+/-0.219 χ^2/NDF : 14277.7/2

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 150800.026 $\pm$ 0.465 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 151118.864 $\pm$ 0.453 χ^2 /NDF: 2165176.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

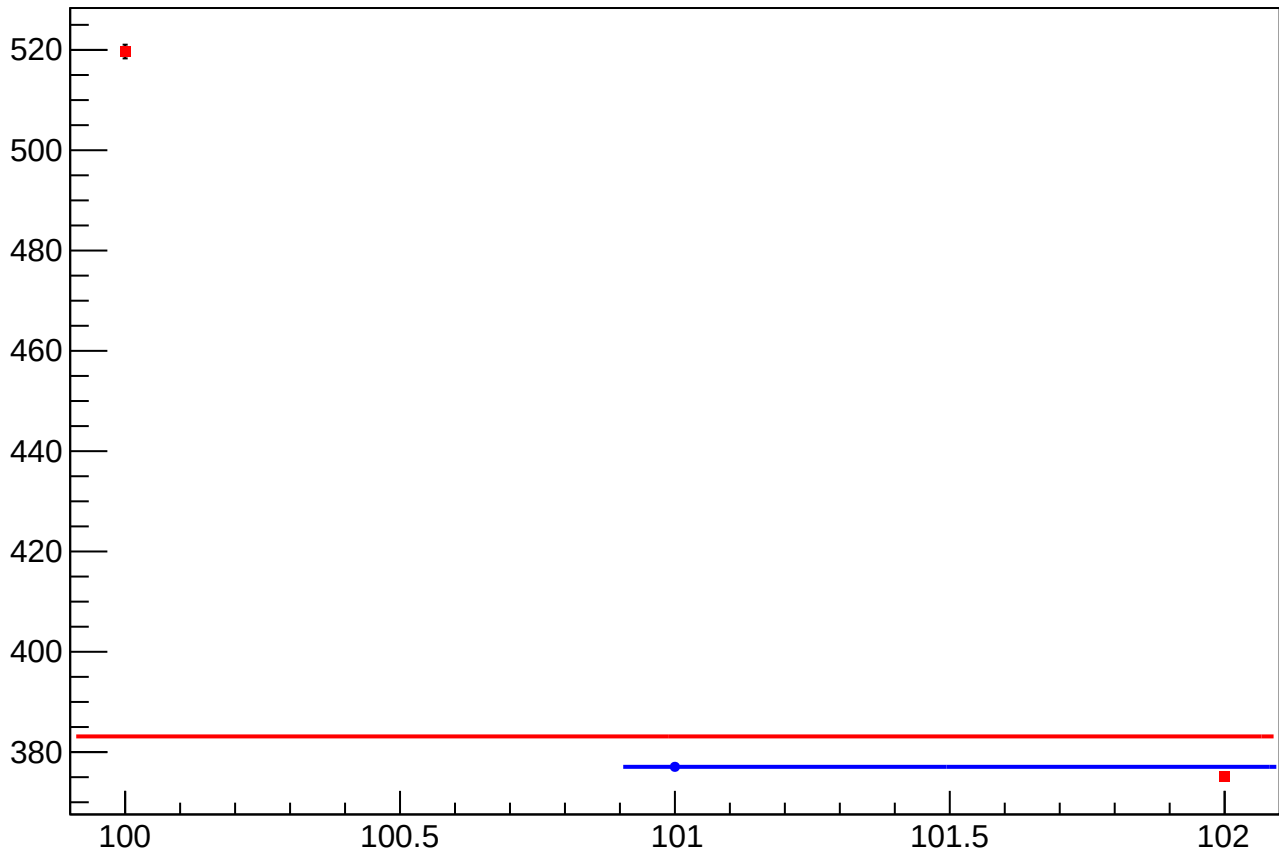
Right: 150963.735 $\pm$ 0.325 χ^2 /NDF: 2406171.4/2

In: 150800.026 $\pm$ 0.465 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 150963.735 $\pm$ 0.325 χ^2 /NDF: 2406171.4

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 377.063+/-0.329 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 383.127+/-0.320 χ^2/NDF : 10540.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

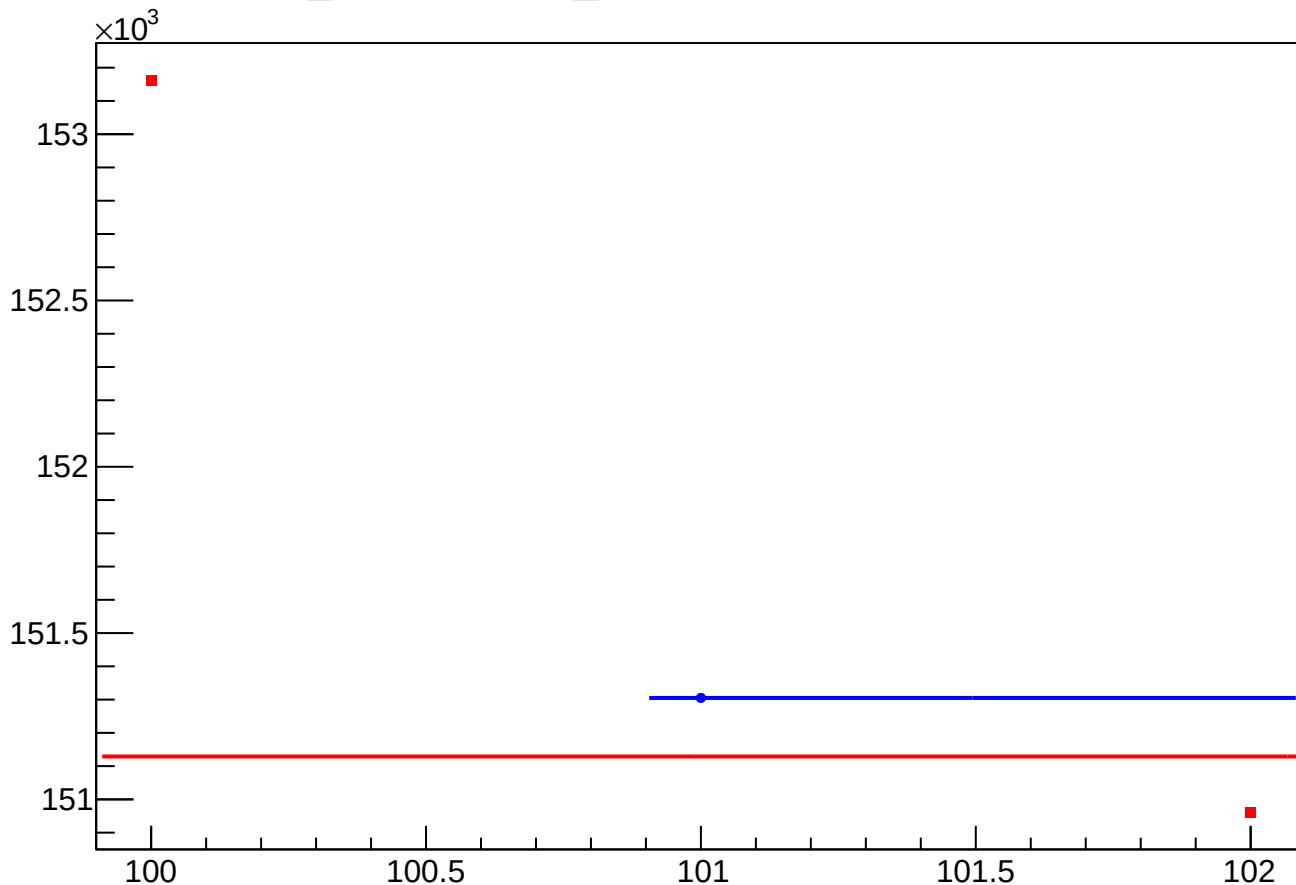
Right: 380.177+/-0.230 χ^2/NDF : 10714.7/2

In: 377.063+/-0.329 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 380.177+/-0.230 χ^2/NDF : 10714.7/2

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: 151305.014 $\pm$ 0.496 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 151129.008 $\pm$ 0.498 χ^2 /NDF: 1385681.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

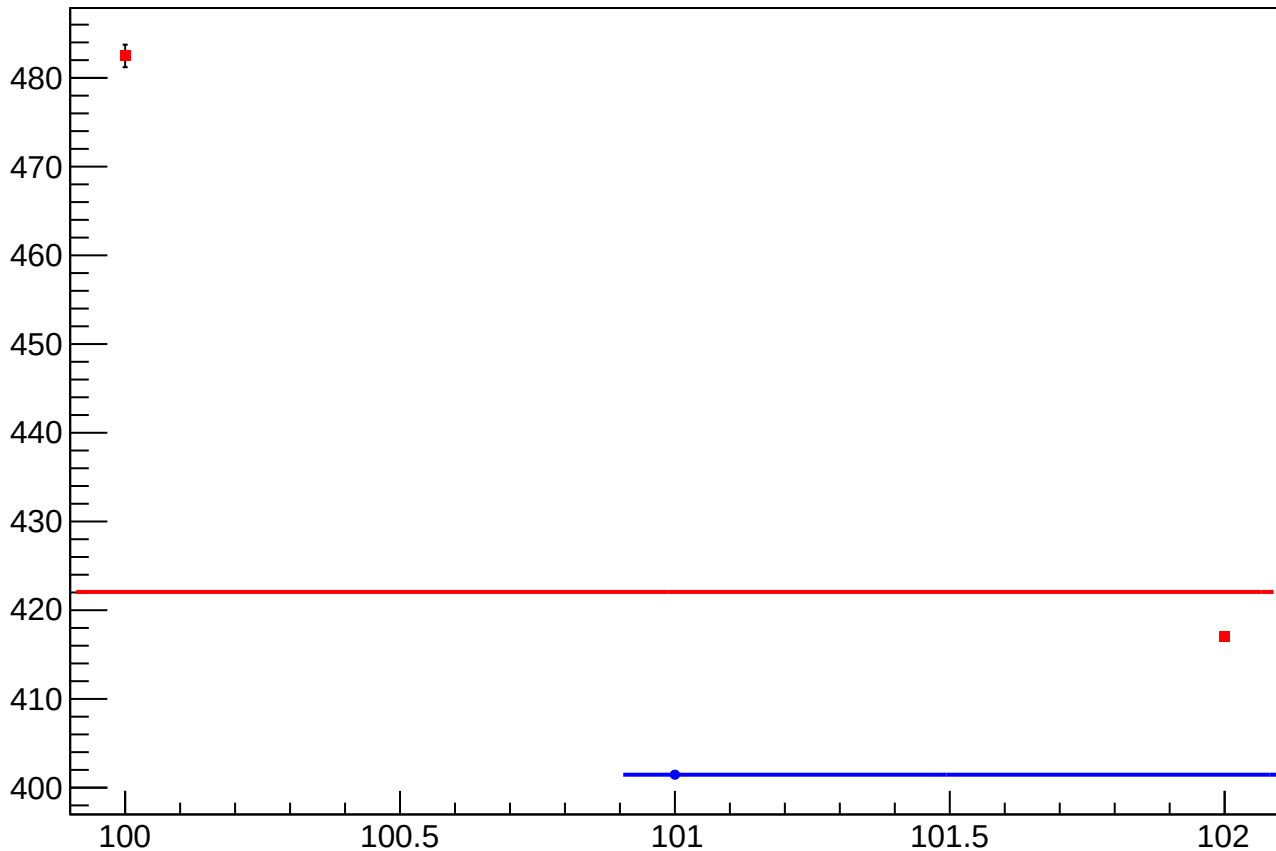
Right: 151217.390 $\pm$ 0.351 χ^2 /NDF: 1448478.4/2

In: 151305.014 $\pm$ 0.496 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 151217.390 $\pm$ 0.351 χ^2 /NDF: 1448478.4/2

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 401.461 ± 0.350 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 422.061 ± 0.352 $\chi^2/\text{NDF}: 2447.0/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

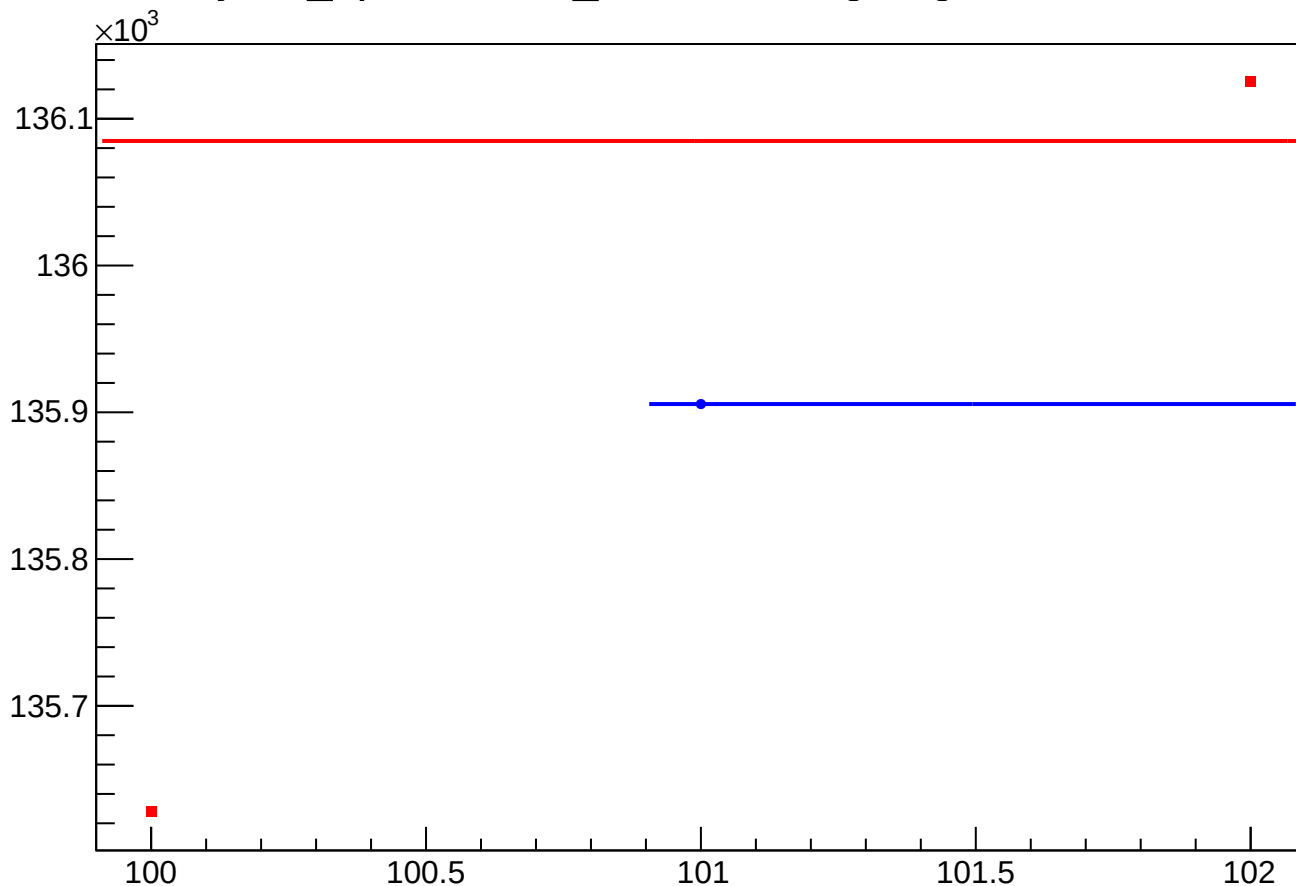
Right: 411.716 ± 0.248 $\chi^2/\text{NDF}: 4167.4/2$

In: 401.461 ± 0.350 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 411.716 ± 0.248 $\chi^2/\text{NDF}: 4167.4/2$

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 135905.616 $\pm$ 0.446 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 136084.866 $\pm$ 0.448 χ^2 /NDF: 92568.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

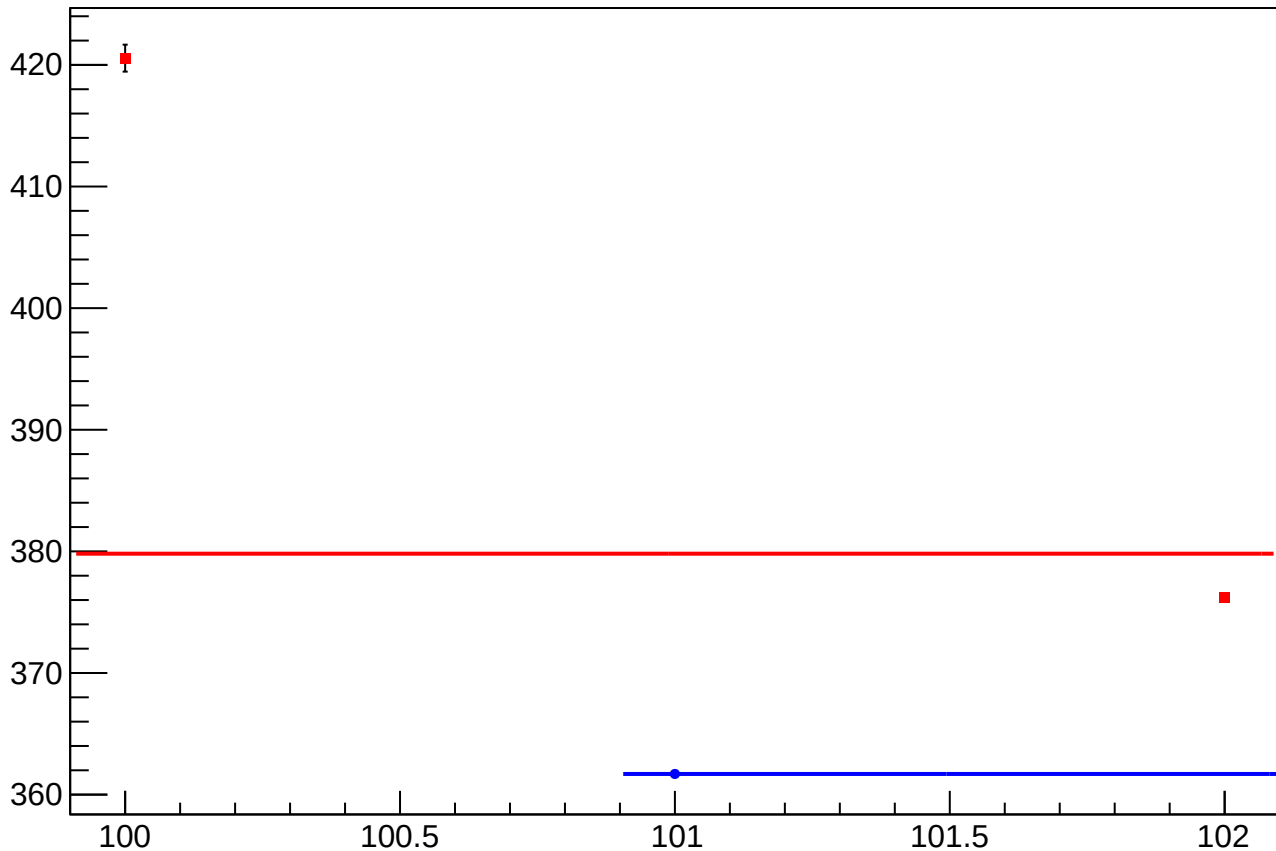
Right: 135995.004 $\pm$ 0.316 χ^2 /NDF: 172947.3/2

In: 135905.616 $\pm$ 0.446 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 135995.004 $\pm$ 0.316 χ^2 /NDF: 172947.3/2

yield_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 361.699+/-0.316 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 379.811+/-0.317 χ^2/NDF : 1472.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

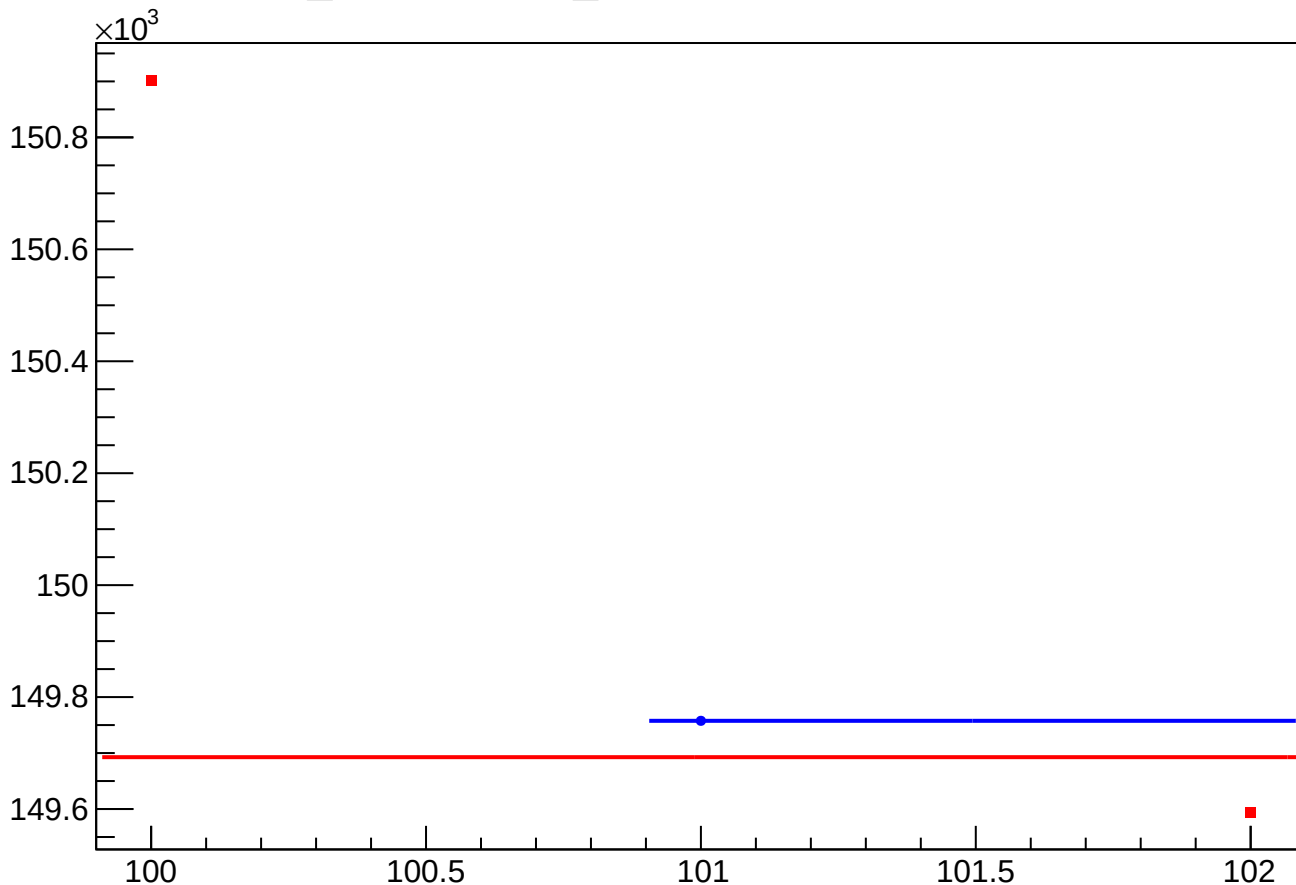
Right: 370.731+/-0.224 χ^2/NDF : 3114.1/2

In: 361.699+/-0.316 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 370.731+/-0.224 χ^2/NDF : 3114.1/2

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 149757.594 $\pm$ 0.487 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 149692.644 $\pm$ 0.491 χ^2 /NDF: 495086.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

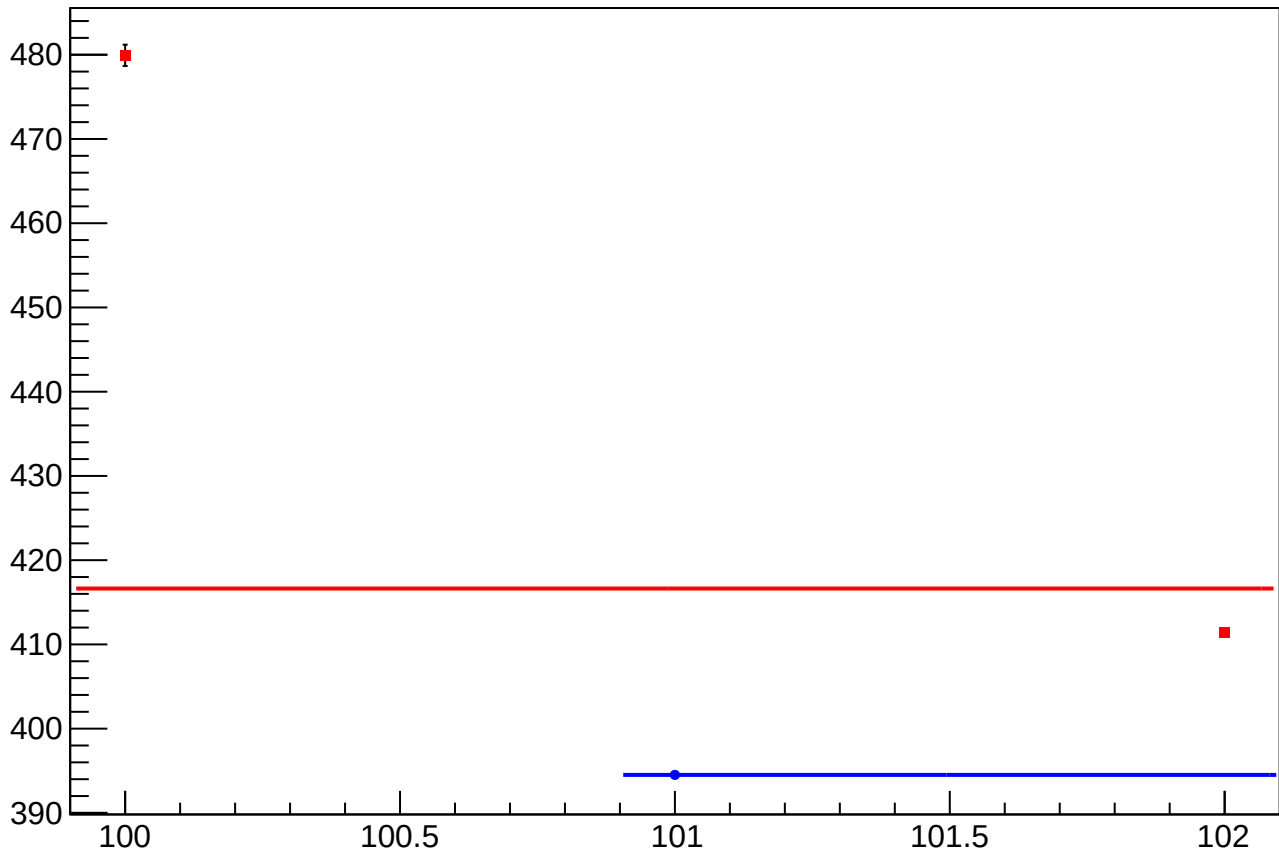
Right: 149725.405 $\pm$ 0.346 χ^2 /NDF: 503900.6/2

In: 149757.594 $\pm$ 0.487 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 149725.405 $\pm$ 0.346 χ^2 /NDF: 503900.6/2

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 394.510 $\pm$ 0.344 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 416.634 $\pm$ 0.347 χ^2 /NDF: 2715.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

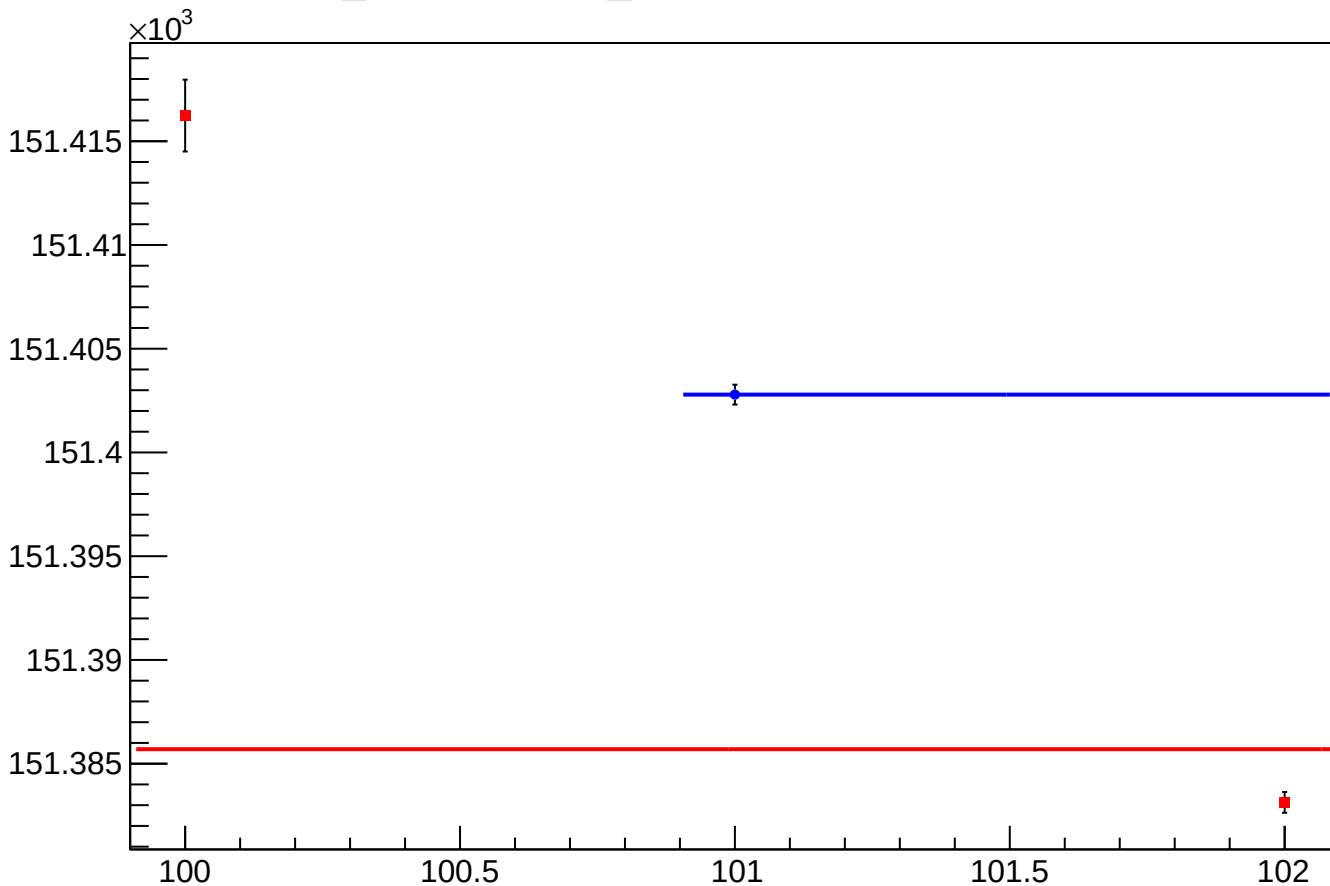
Right: 405.475 $\pm$ 0.245 χ^2 /NDF: 4761.1/2

In: 394.510 $\pm$ 0.344 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 405.475 $\pm$ 0.245 χ^2 /NDF: 4761.1/2

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 151402.787 $\pm$ 0.479 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 151385.698 $\pm$ 0.482 χ^2 /NDF: 337.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

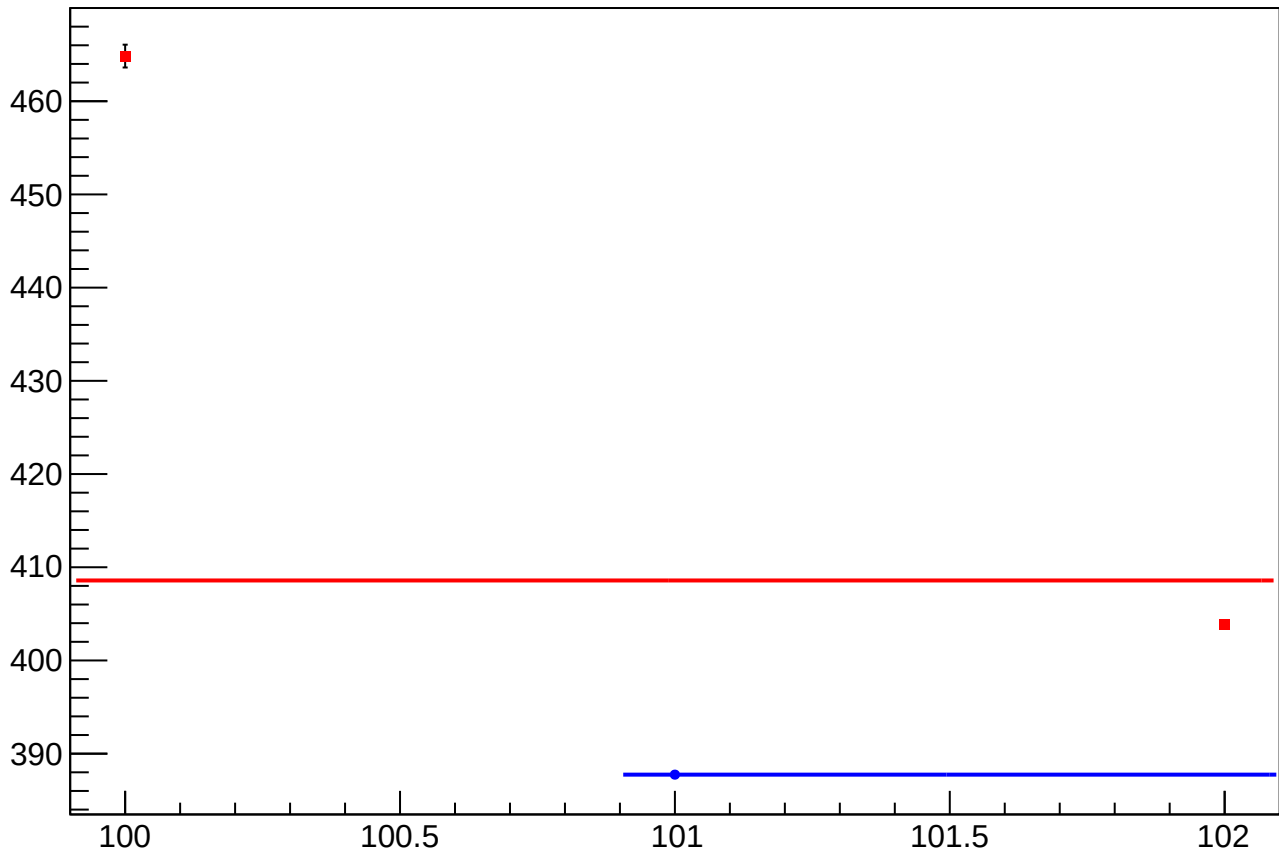
Right: 151394.298 $\pm$ 0.340 χ^2 /NDF: 970.5/2

In: 151402.787 $\pm$ 0.479 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 151394.298 $\pm$ 0.340 χ^2 /NDF: 970.5/2

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 387.750 $\pm$ 0.338 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 408.582 $\pm$ 0.341 χ^2 /NDF: 2289.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

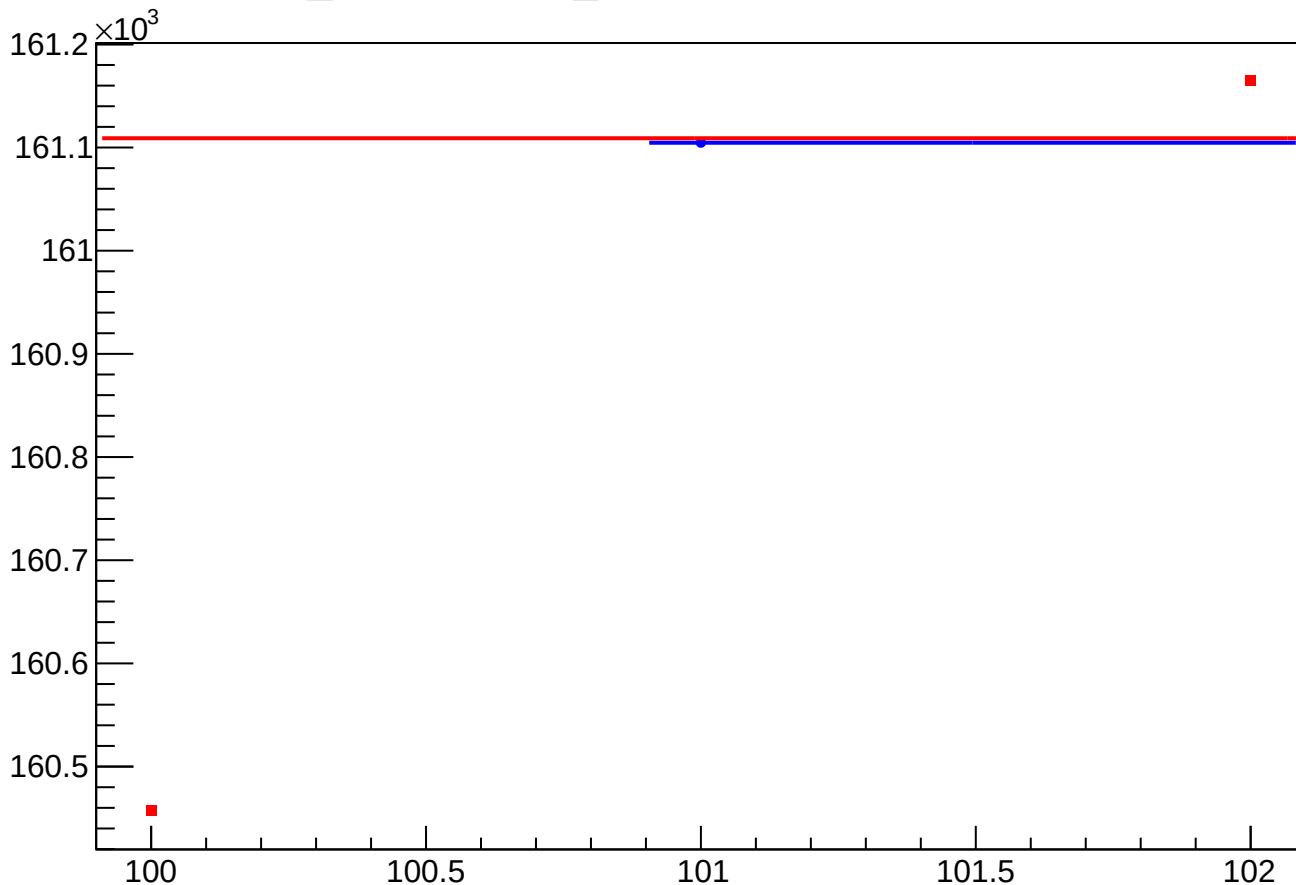
Right: 398.099 $\pm$ 0.240 χ^2 /NDF: 4171.4/2

In: 387.750 $\pm$ 0.338 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 398.099 $\pm$ 0.240 χ^2 /NDF: 4171.4/2

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: 161104.640 $\pm$ 0.507 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 161108.993 $\pm$ 0.508 χ^2 /NDF: 141880.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

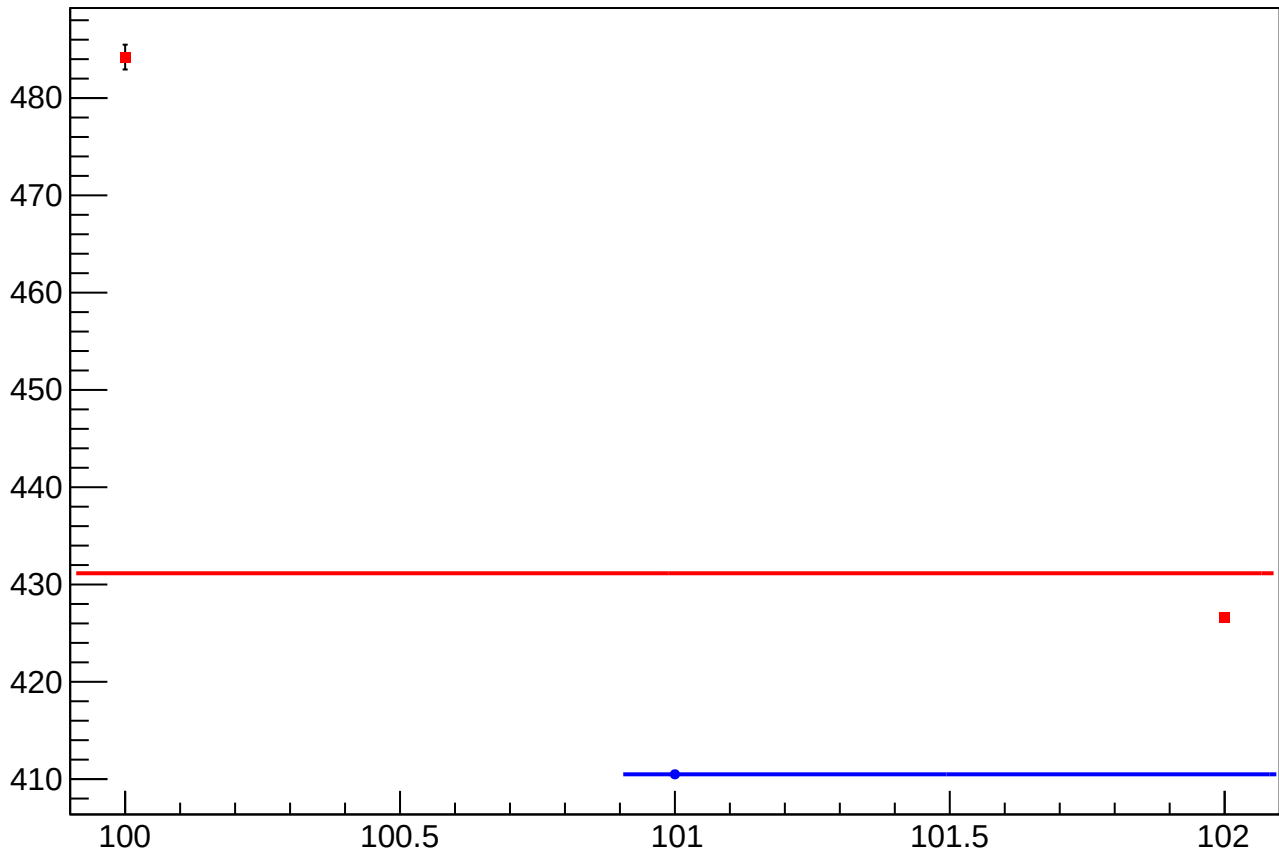
Right: 161106.810 $\pm$ 0.359 χ^2 /NDF: 141917.3/2

In: 161104.640 $\pm$ 0.507 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 161106.810 $\pm$ 0.359 χ^2 /NDF: 141917.3/2

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 410.492+/-0.358 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 431.157+/-0.359 χ^2/NDF : 1879.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

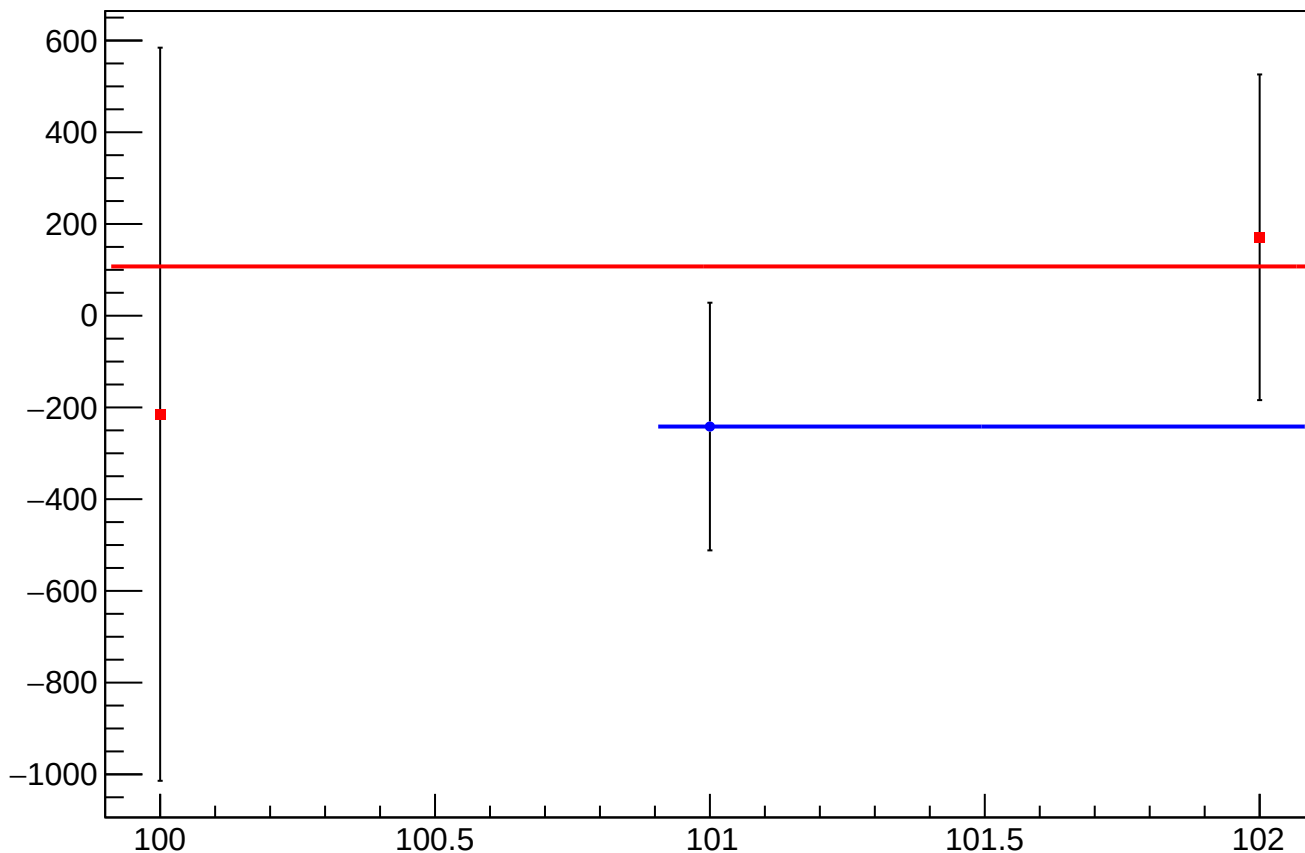
Right: 420.791+/-0.254 χ^2/NDF : 3536.8/2

In: 410.492+/-0.358 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 420.791+/-0.254 χ^2/NDF : 3536.8/2

asym_bcm_target_mean vs Slug, Sign Corrected



Right In: -241.661+/-270.002 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.413+/-324.465 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

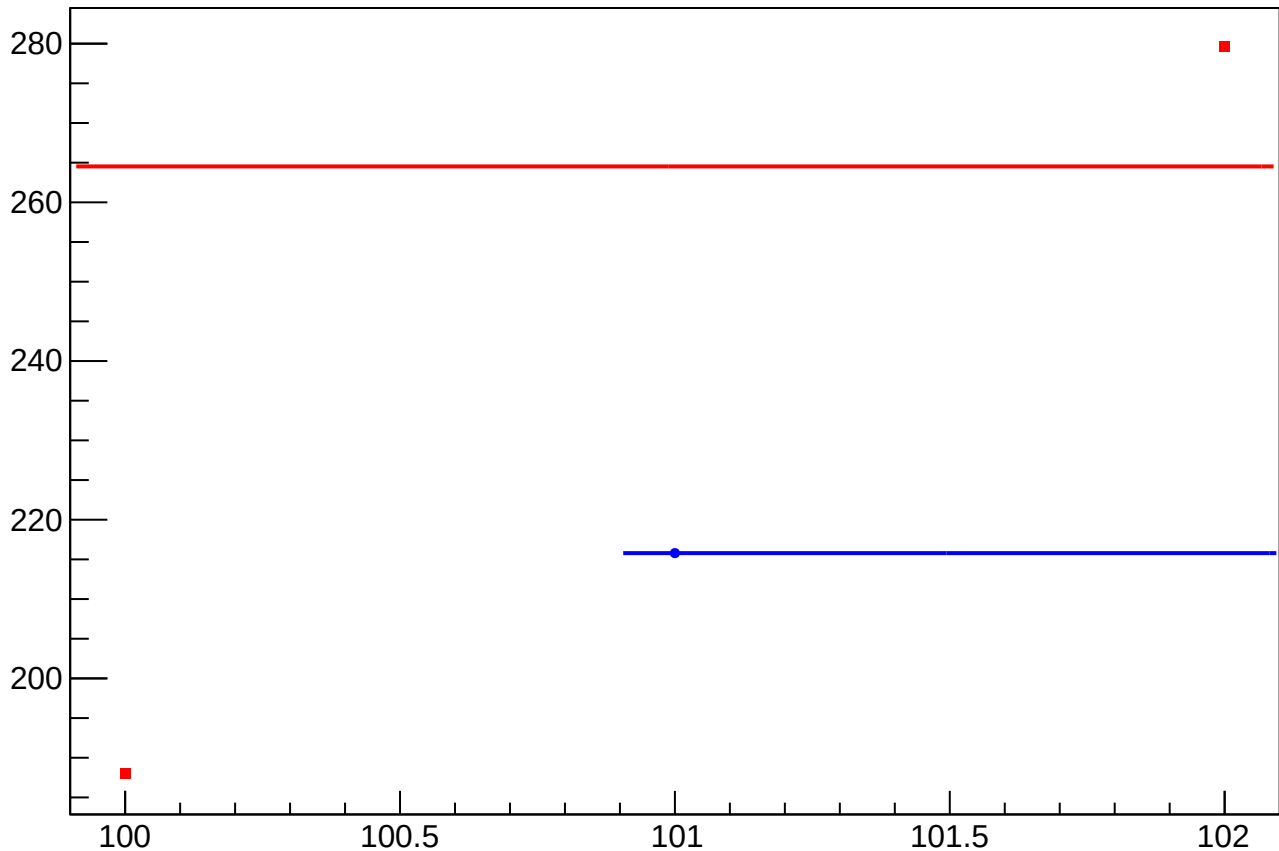
Right: -98.838+/-207.542 χ^2/NDF : 0.9/2

In: -241.661+/-270.002 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -98.838+/-207.542 χ^2/NDF : 0.9/2

asym_bcm_target_rms vs Slug, Sign Corrected



Right In: 215.790 $\pm$ 0.191 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 264.527 $\pm$ 0.229 χ^2 /NDF: 21932.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

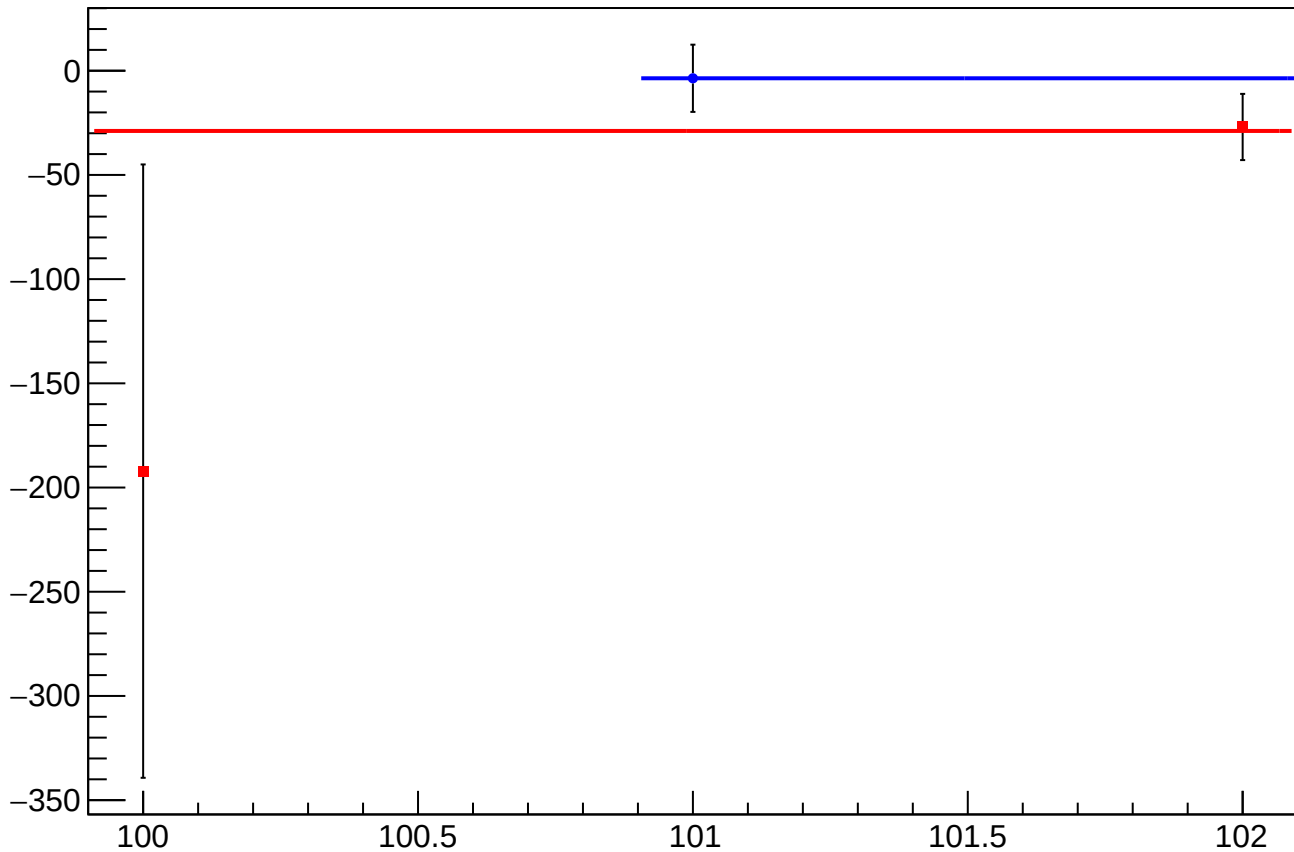
Right: 235.731 $\pm$ 0.147 χ^2 /NDF: 48594.4/2

In: 215.790 $\pm$ 0.191 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 235.731 $\pm$ 0.147 χ^2 /NDF: 48594.4/2

asym_bcm_an_diff_mean vs Slug, Sign Corrected



Right In: -3.627+/-16.128 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -28.896+/-15.790 χ^2/NDF : 1.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

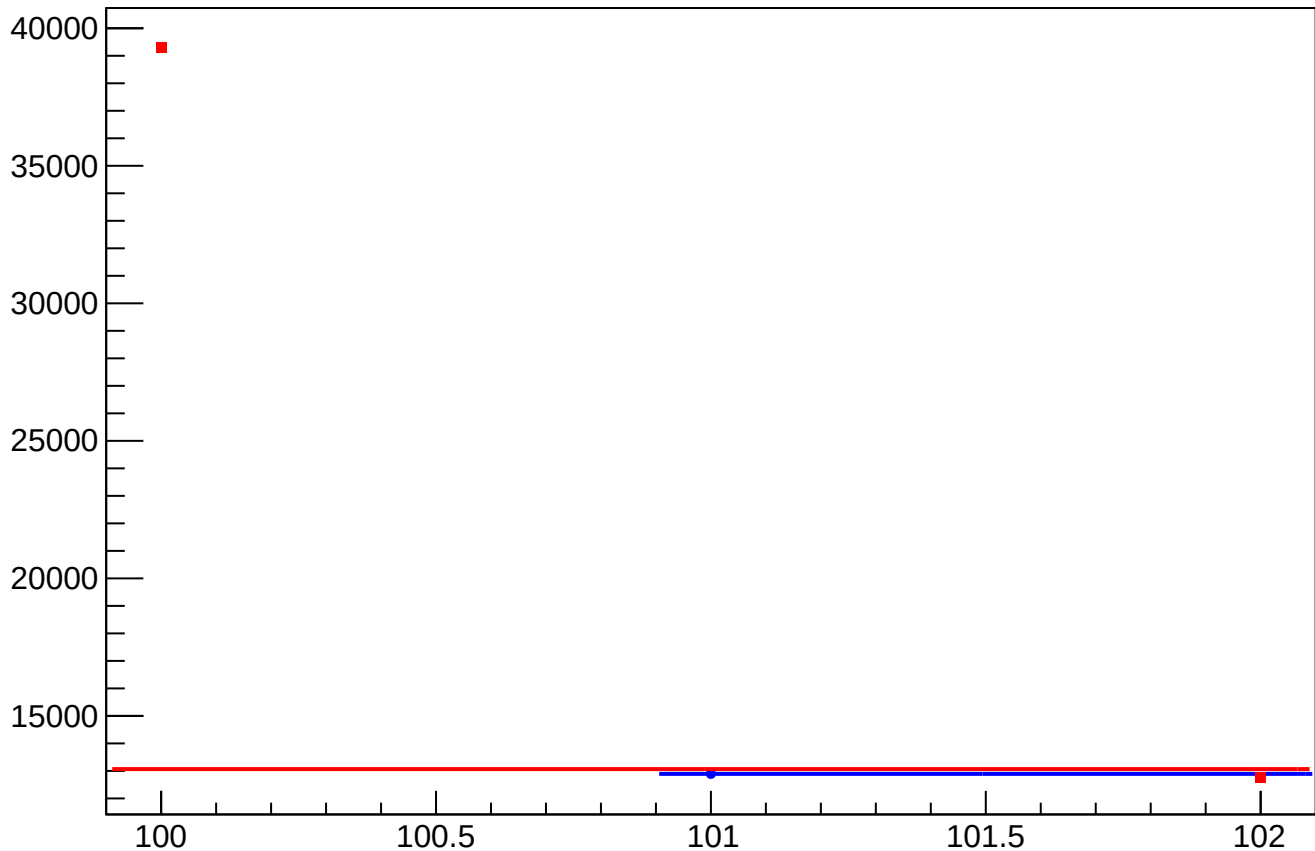
Right: -16.529+/-11.283 χ^2/NDF : 2.5/2

In: -3.627+/-16.128 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.529+/-11.283 χ^2/NDF : 2.5/2

asym_bcm_an_diff_rms vs Slug, Sign Corrected



Right In: 12893.139+/-11.405 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13066.967+/-11.165 χ^2/NDF : 64300.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

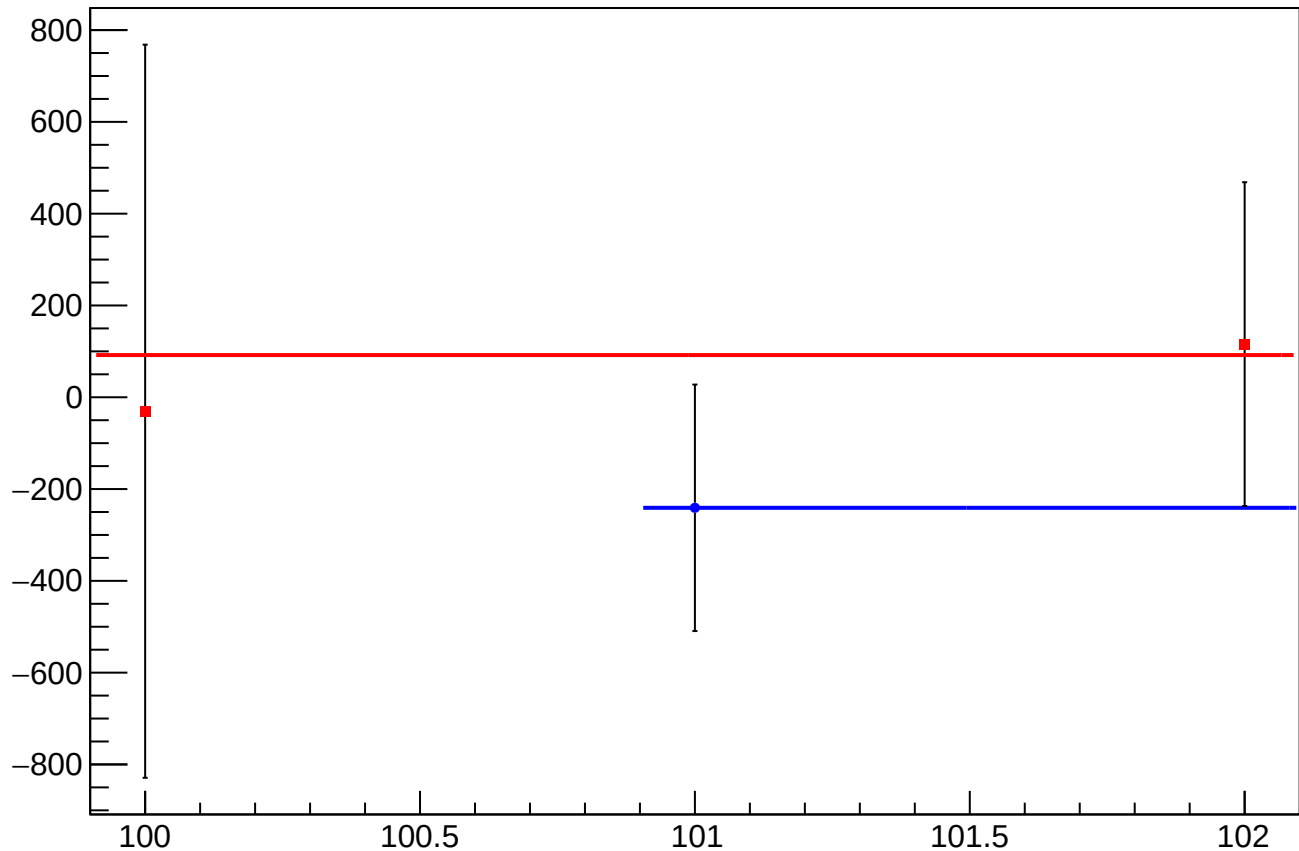
Right: 12981.895+/-7.978 χ^2/NDF : 64418.7/2

In: 12893.139+/-11.405 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12981.895+/-7.978 χ^2/NDF : 64418.7/2

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: -240.856+/-268.490 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.938+/-322.661 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

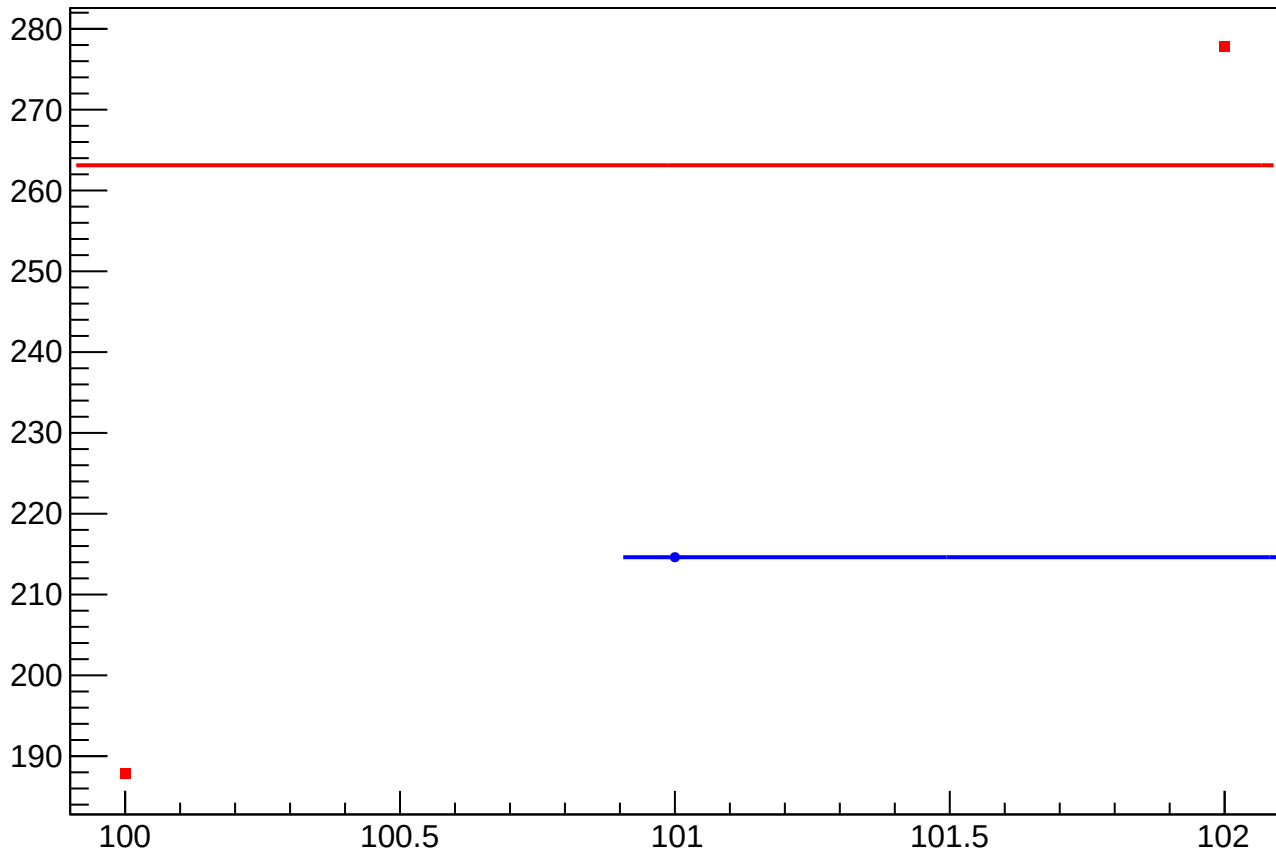
Right: -104.701+/-206.384 χ^2/NDF : 0.7/2

In: -240.856+/-268.490 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -104.701+/-206.384 χ^2/NDF : 0.7/2

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 214.618 $\pm$ 0.190 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 263.120 $\pm$ 0.228 χ^2 /NDF: 21208.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

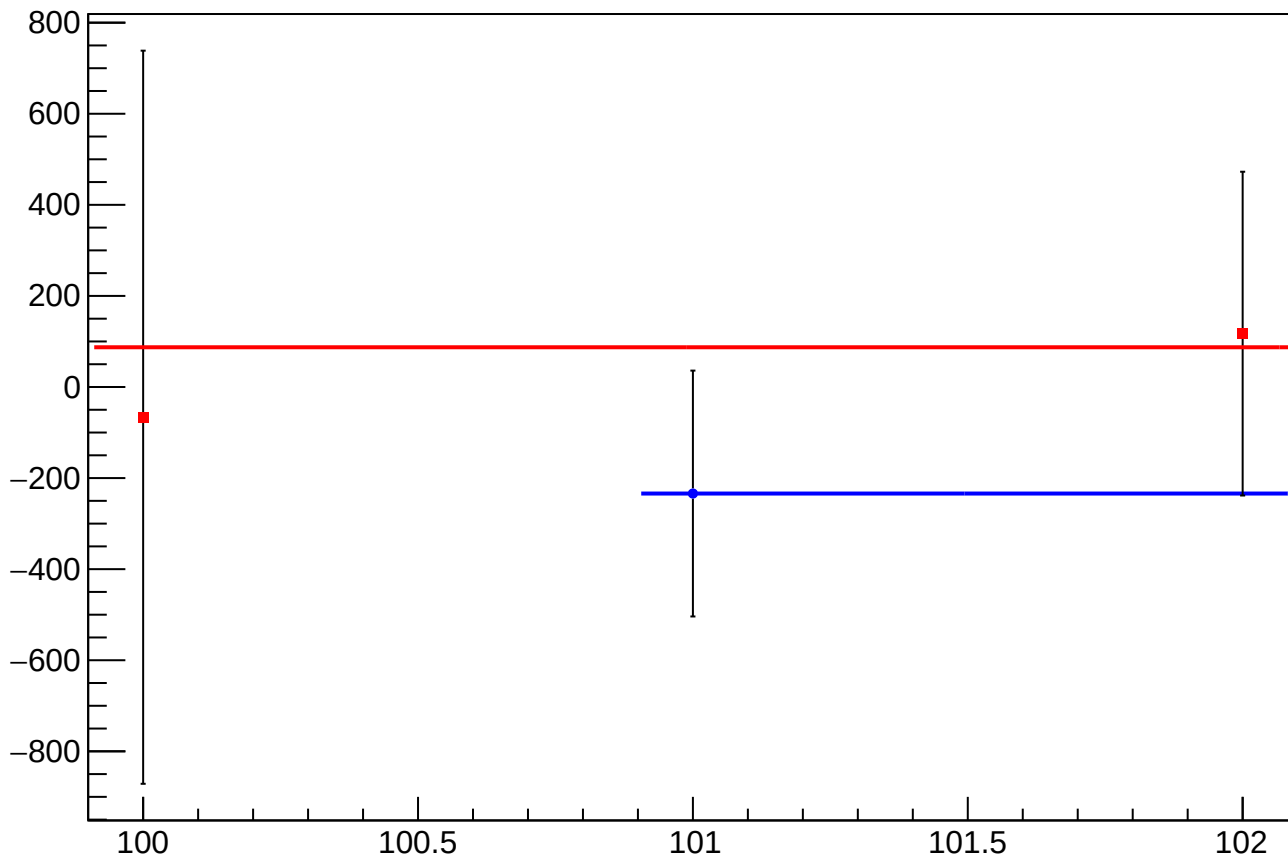
Right: 234.462 $\pm$ 0.146 χ^2 /NDF: 47910.8/2

In: 214.618 $\pm$ 0.190 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 234.462 $\pm$ 0.146 χ^2 /NDF: 47910.8/2

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: -233.954+/-269.932 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.238+/-325.184 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

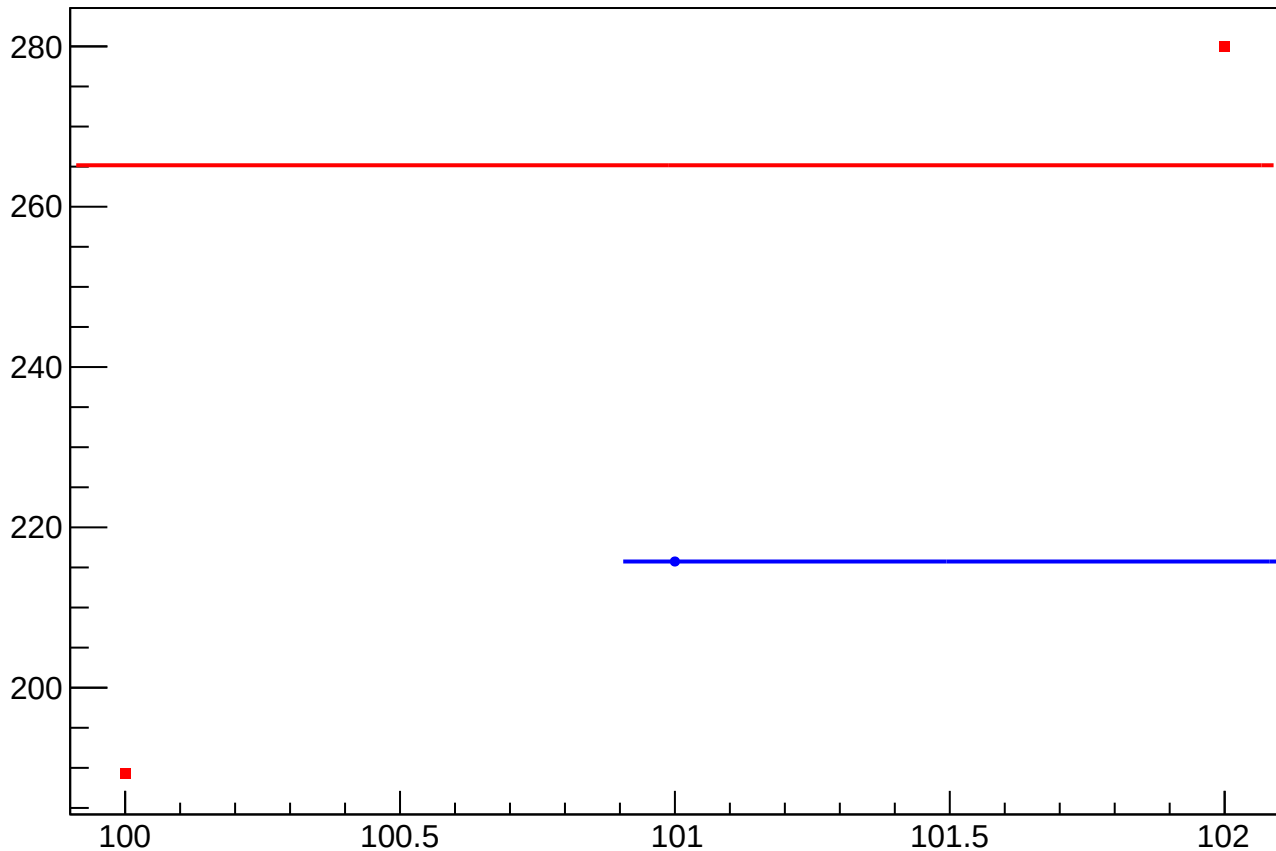
Right: -102.924+/-207.698 χ^2/NDF : 0.6/2

In: -233.954+/-269.932 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -102.924+/-207.698 χ^2/NDF : 0.6/2

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 215.742 $\pm$ 0.191 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 265.171 $\pm$ 0.230 χ^2 /NDF: 21218.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

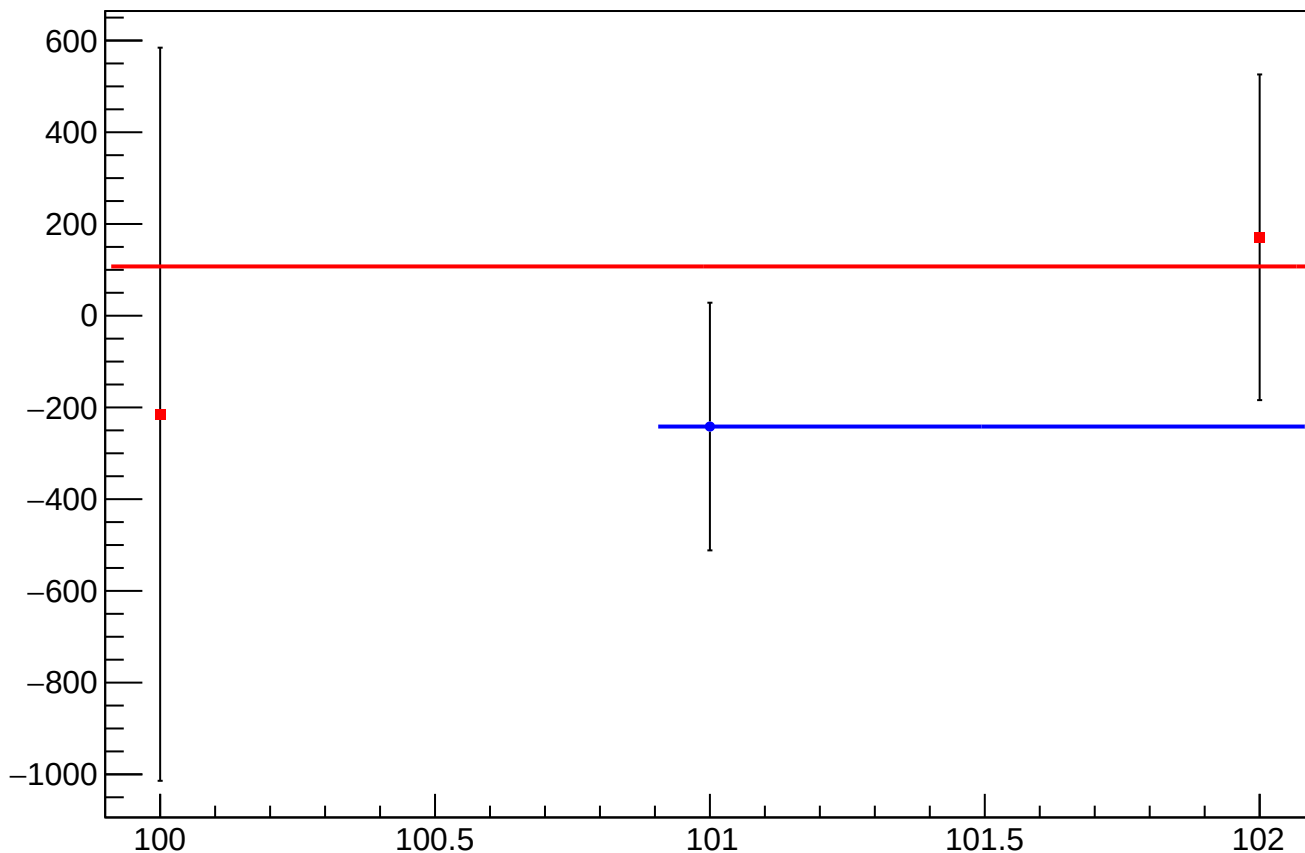
Right: 235.907 $\pm$ 0.147 χ^2 /NDF: 48577.5/2

In: 215.742 $\pm$ 0.191 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 235.907 $\pm$ 0.147 χ^2 /NDF: 48577.5/2

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: -241.661 $\pm$ 270.002 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 107.413 $\pm$ 324.465 χ^2 /NDF: 0.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

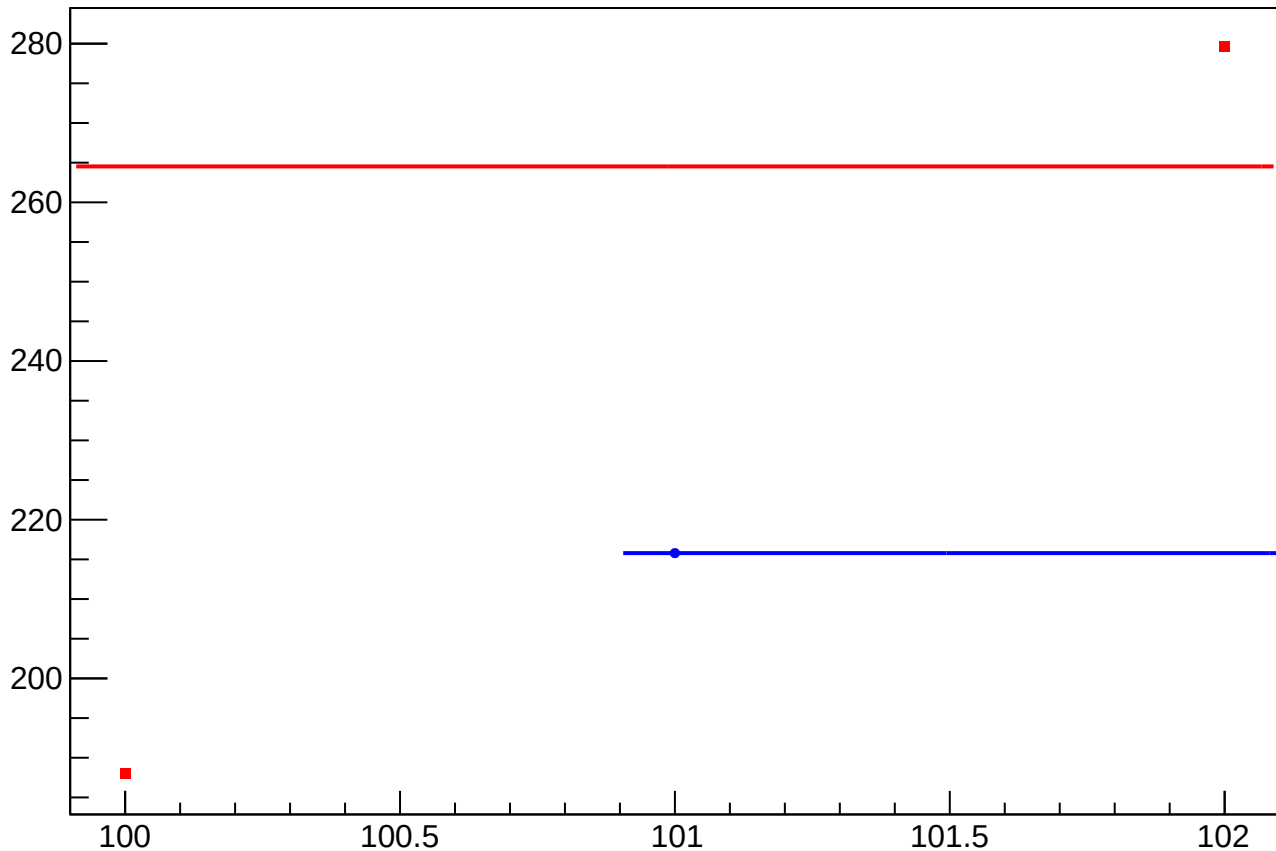
Right: -98.838 $\pm$ 207.542 χ^2 /NDF: 0.9/2

In: -241.661 $\pm$ 270.002 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -98.838 $\pm$ 207.542 χ^2 /NDF: 0.9/2

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 215.790 $\pm$ 0.191 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 264.527 $\pm$ 0.229 χ^2 /NDF: 21932.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

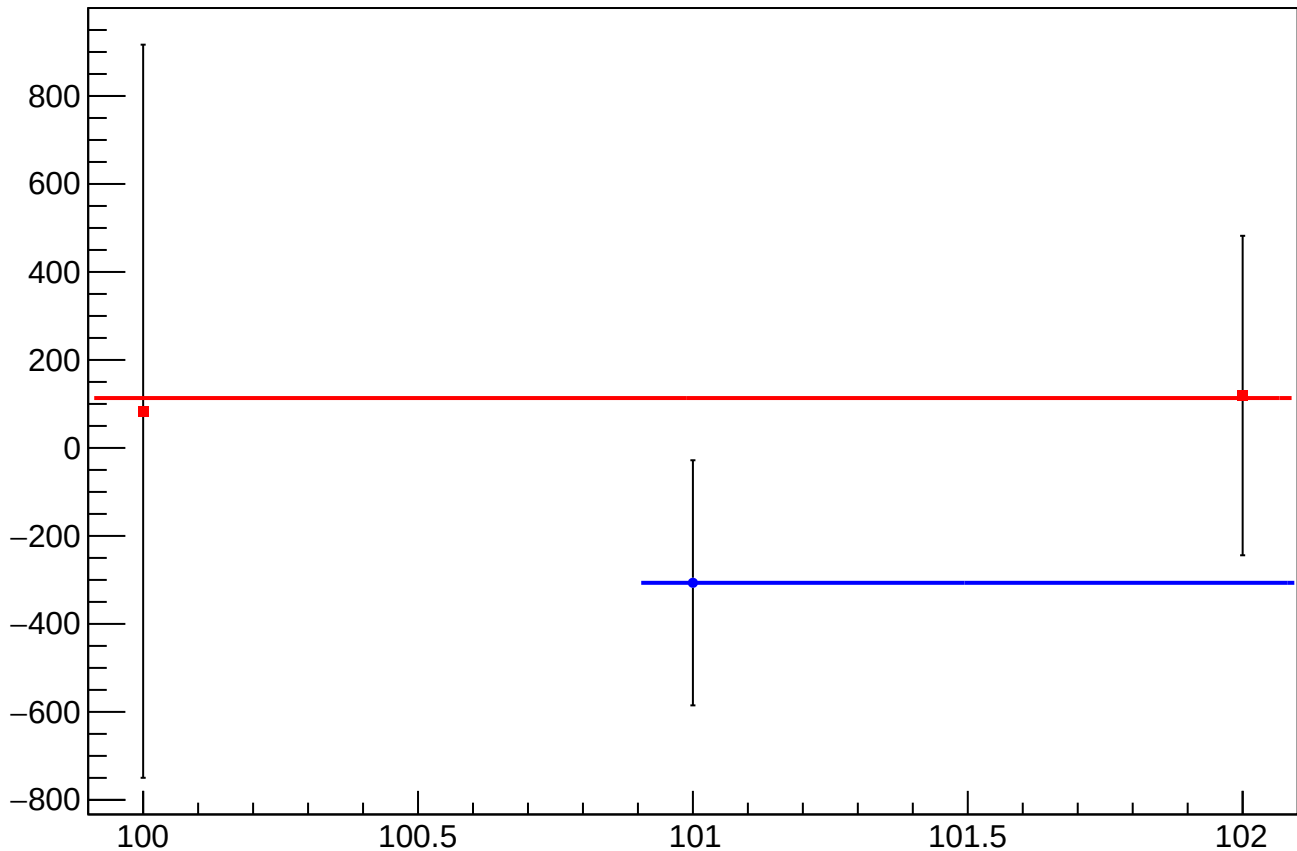
Right: 235.731 $\pm$ 0.147 χ^2 /NDF: 48594.4/2

In: 215.790 $\pm$ 0.191 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 235.731 $\pm$ 0.147 χ^2 /NDF: 48594.4/2

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: -306.596 ± 278.579 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 113.382 ± 332.856 $\chi^2/\text{NDF}: 0.0/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

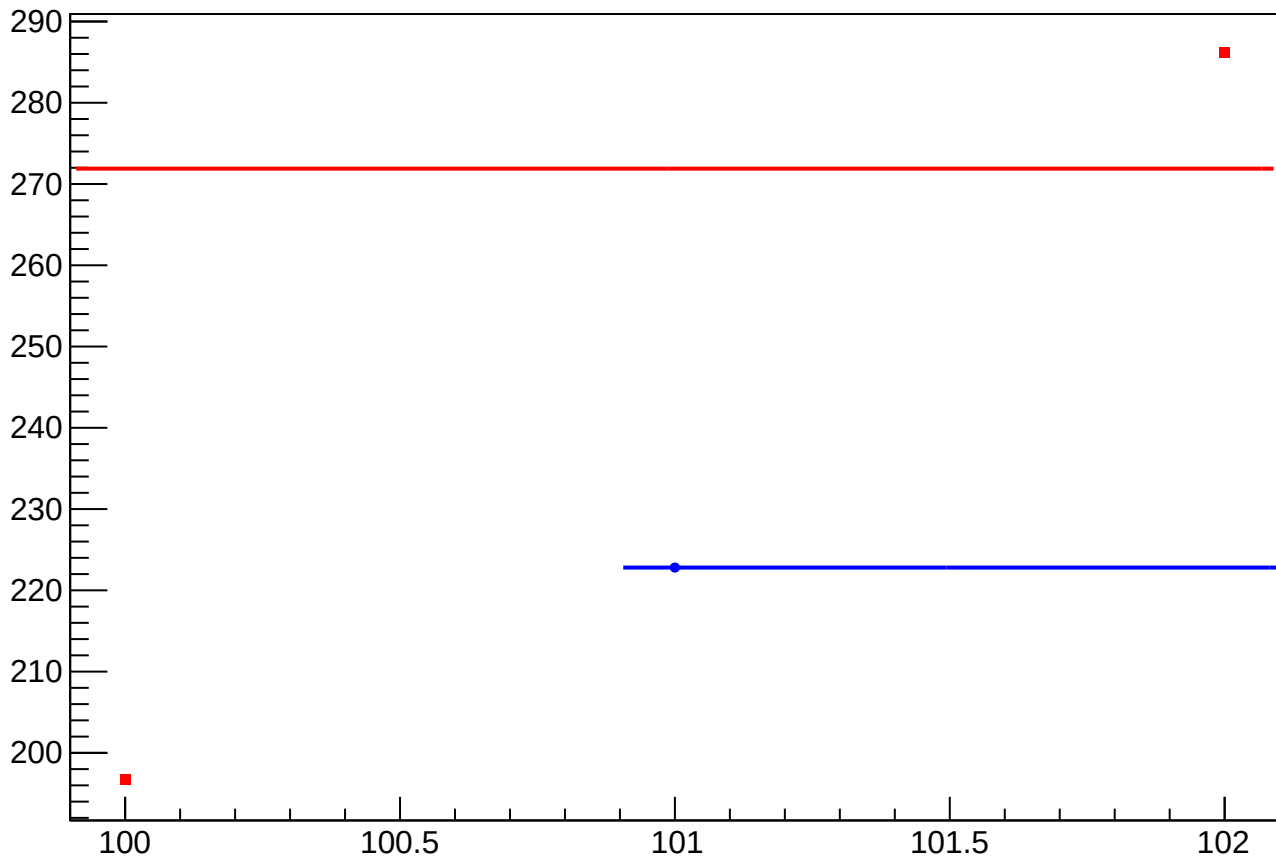
Right: -133.596 ± 213.631 $\chi^2/\text{NDF}: 0.9/2$

In: -306.596 ± 278.579 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -133.596 ± 213.631 $\chi^2/\text{NDF}: 0.9/2$

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 222.803 $\pm$ 0.197 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 271.891 $\pm$ 0.235 χ^2 /NDF: 19337.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

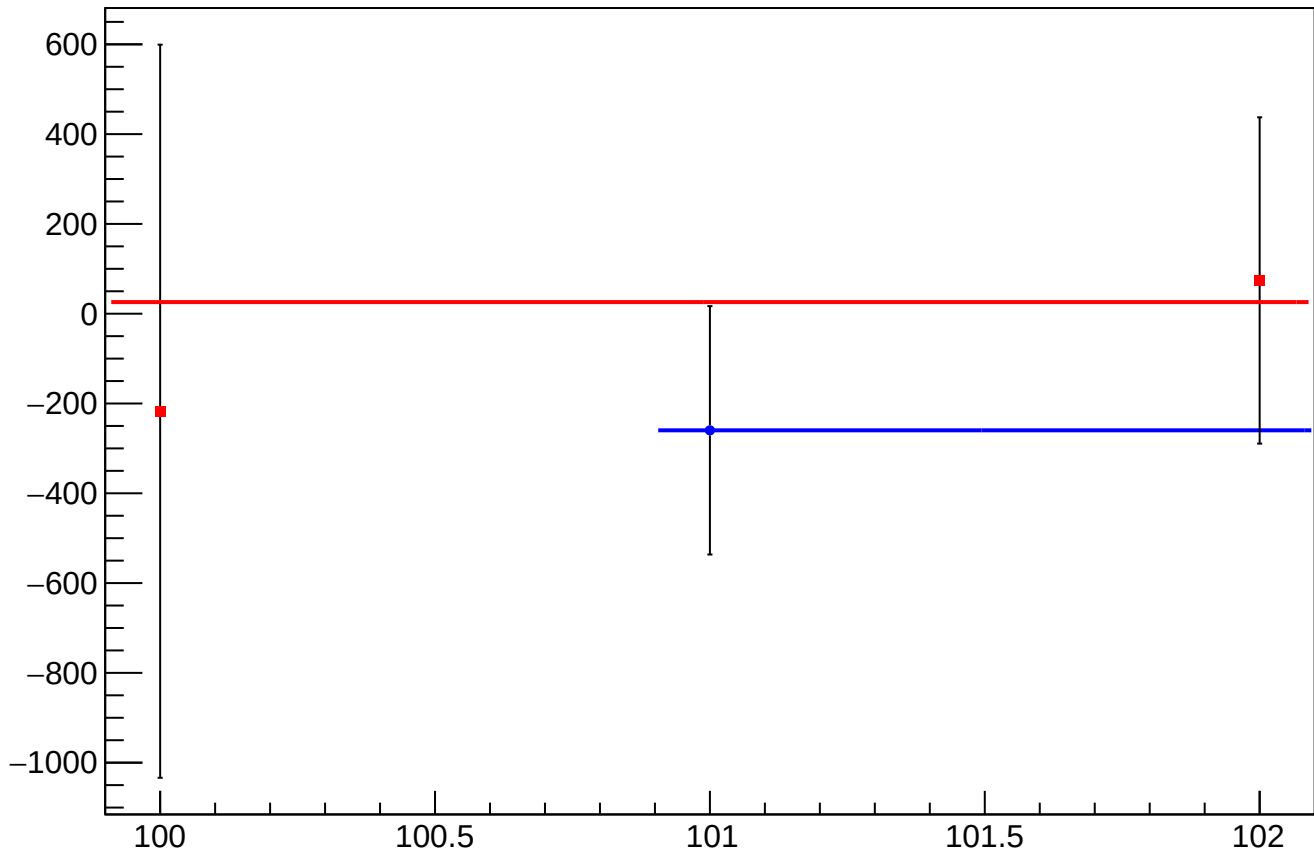
Right: 243.024 $\pm$ 0.151 χ^2 /NDF: 44916.8/2

In: 222.803 $\pm$ 0.197 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 243.024 $\pm$ 0.151 χ^2 /NDF: 44916.8/2

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: -259.743+/-276.616 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.882+/-332.005 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

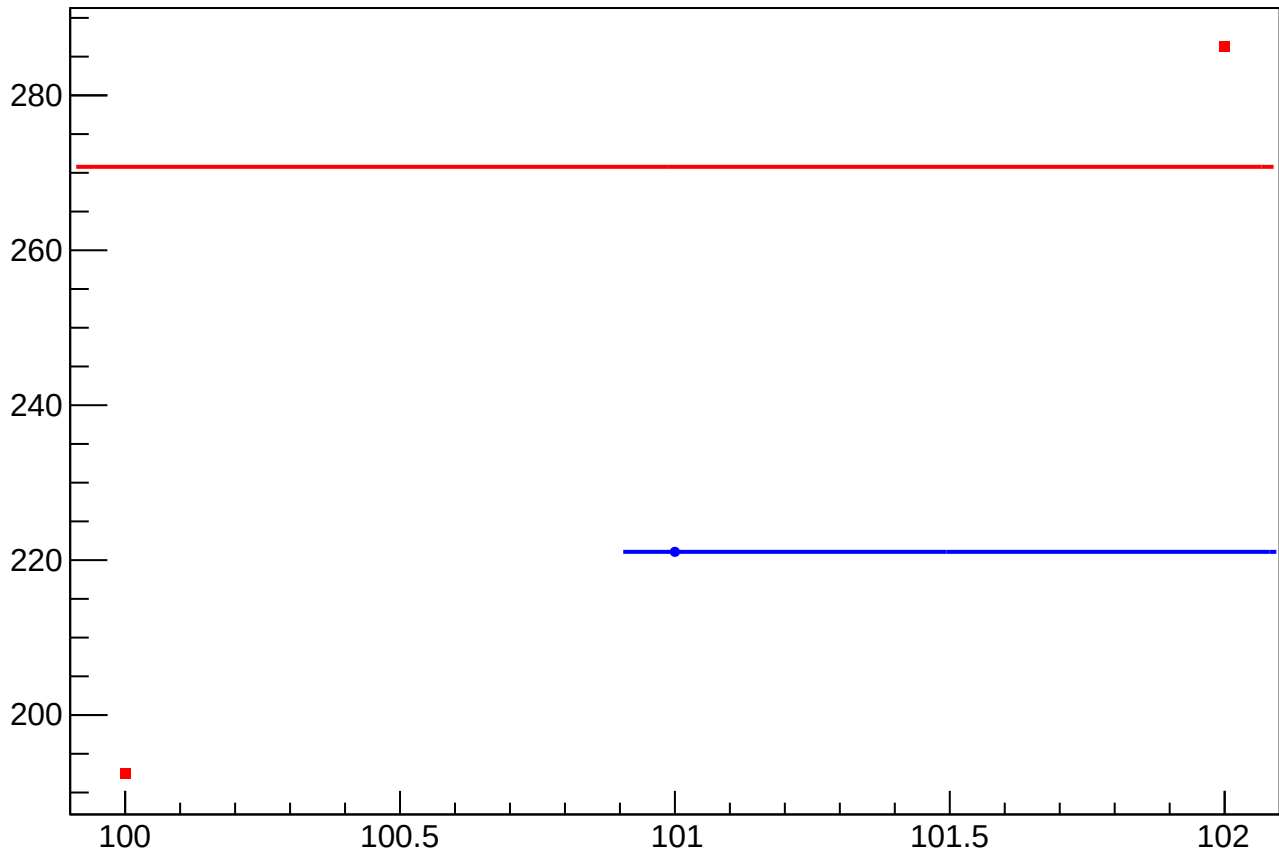
Right: -142.711+/-212.520 χ^2/NDF : 0.5/2

In: -259.743+/-276.616 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -142.711+/-212.520 χ^2/NDF : 0.5/2

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 221.068+/-0.196 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 270.775+/-0.235 χ^2/NDF : 22036.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

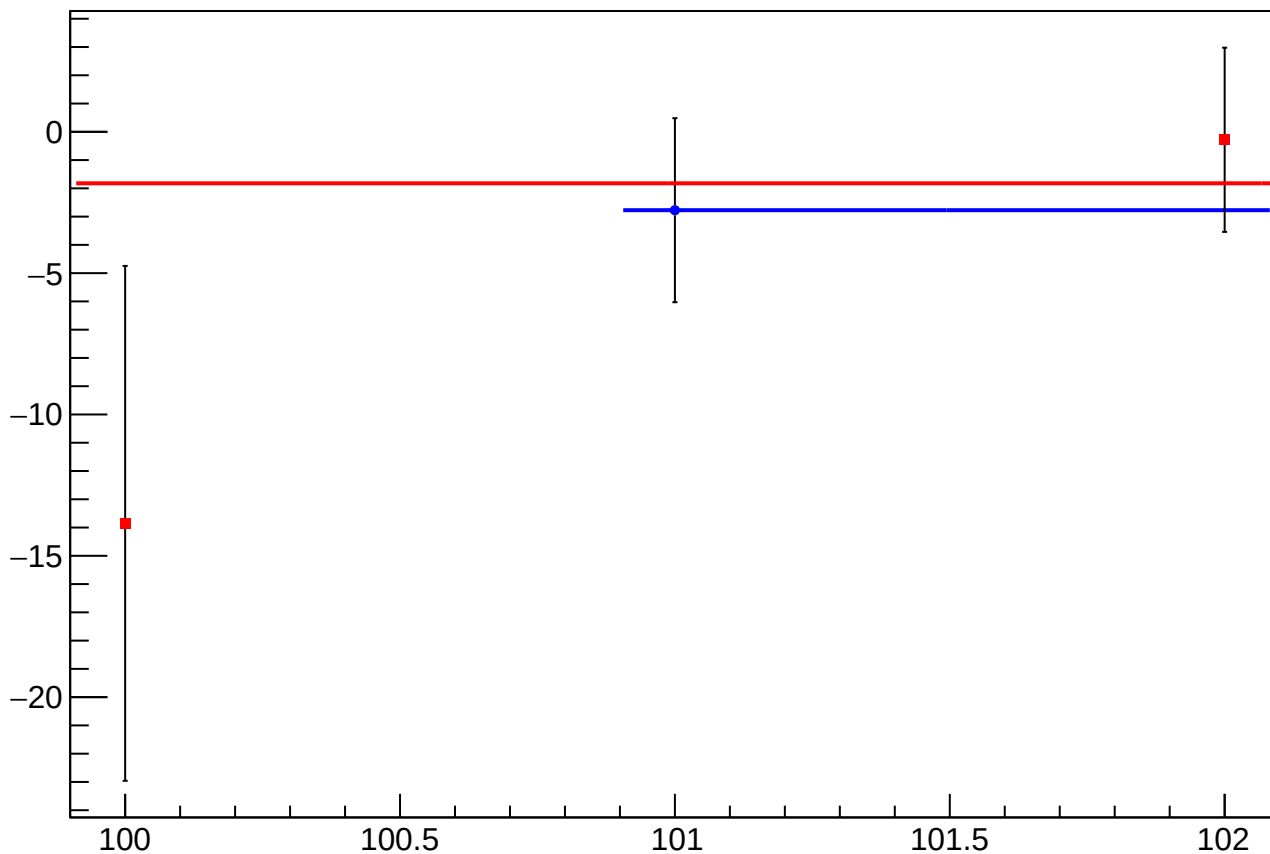
Right: 241.435+/-0.150 χ^2/NDF : 48498.4/2

In: 221.068+/-0.196 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 241.435+/-0.150 χ^2/NDF : 48498.4/2

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -2.773+/-3.256 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.822+/-3.068 χ^2/NDF : 2.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

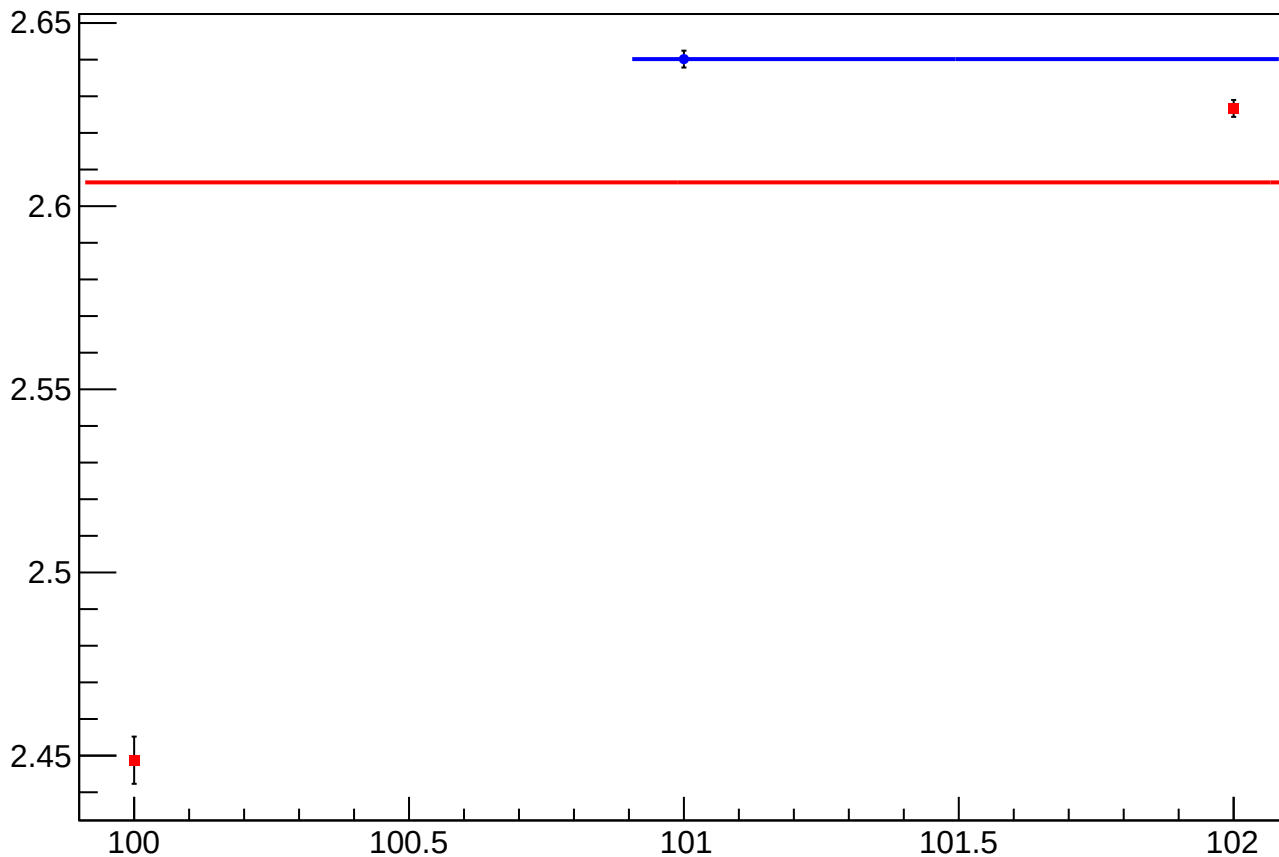
Right: -2.269+/-2.233 χ^2/NDF : 2.0/2

In: -2.773+/-3.256 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.269+/-2.233 χ^2/NDF : 2.0/2

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.640 $\pm$ 0.002 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.606 $\pm$ 0.002 χ^2 /NDF: 676.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

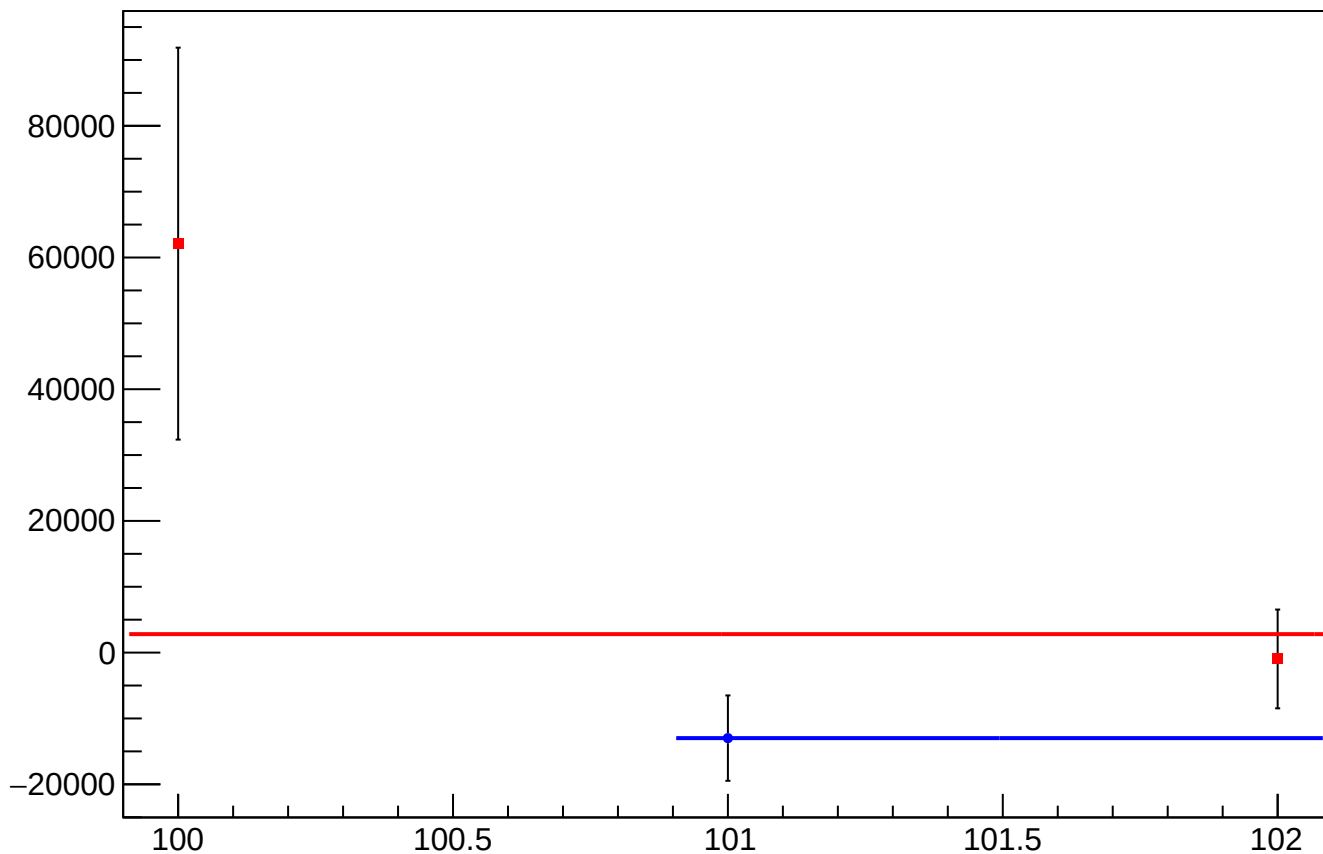
Right: 2.622 $\pm$ 0.002 χ^2 /NDF: 789.9/2

In: 2.640 $\pm$ 0.002 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.622 $\pm$ 0.002 χ^2 /NDF: 789.9/2

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: -12986.629+/-6481.324 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2803.736+/-7273.598 χ^2/NDF : 4.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

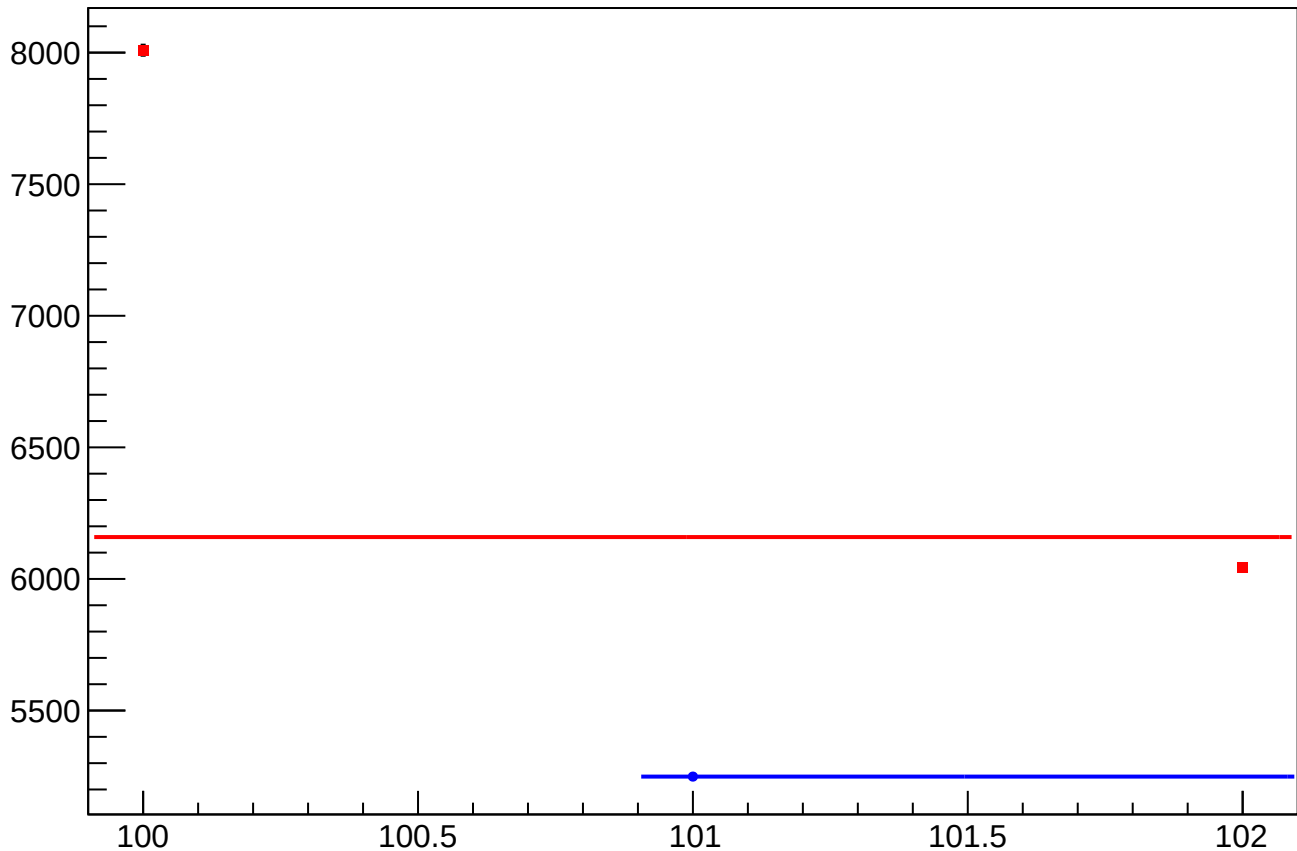
Right: -5997.952+/-4838.945 χ^2/NDF : 6.9/2

In: -12986.629+/-6481.324 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5997.952+/-4838.945 χ^2/NDF : 6.9/2

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 5248.972 $\pm$ 4.583 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6159.147 $\pm$ 5.143 χ^2 /NDF: 8219.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

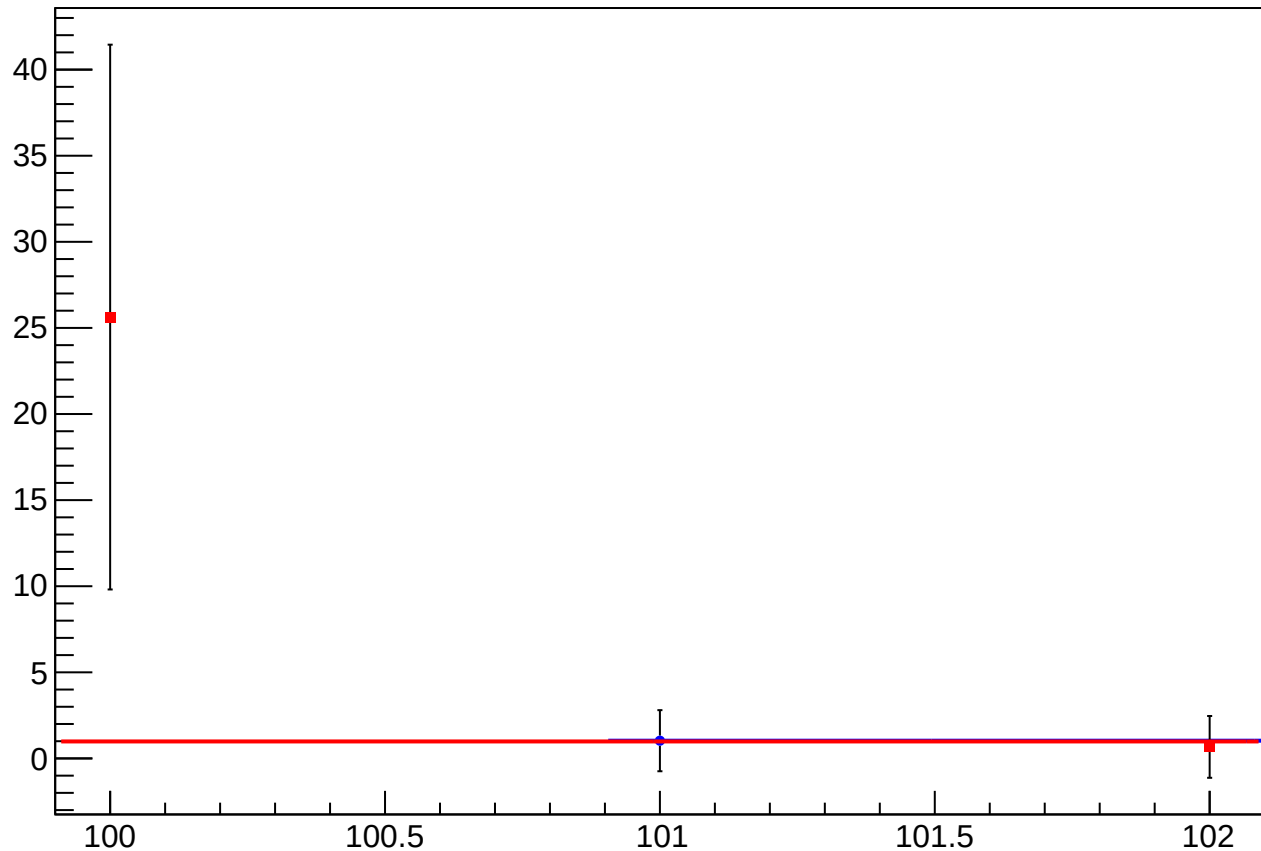
Right: 5651.807 $\pm$ 3.422 χ^2 /NDF: 25675.7/2

In: 5248.972 $\pm$ 4.583 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5651.807 $\pm$ 3.422 χ^2 /NDF: 25675.7/2

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: 1.029+/-1.774 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.986+/-1.783 χ^2/NDF : 2.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

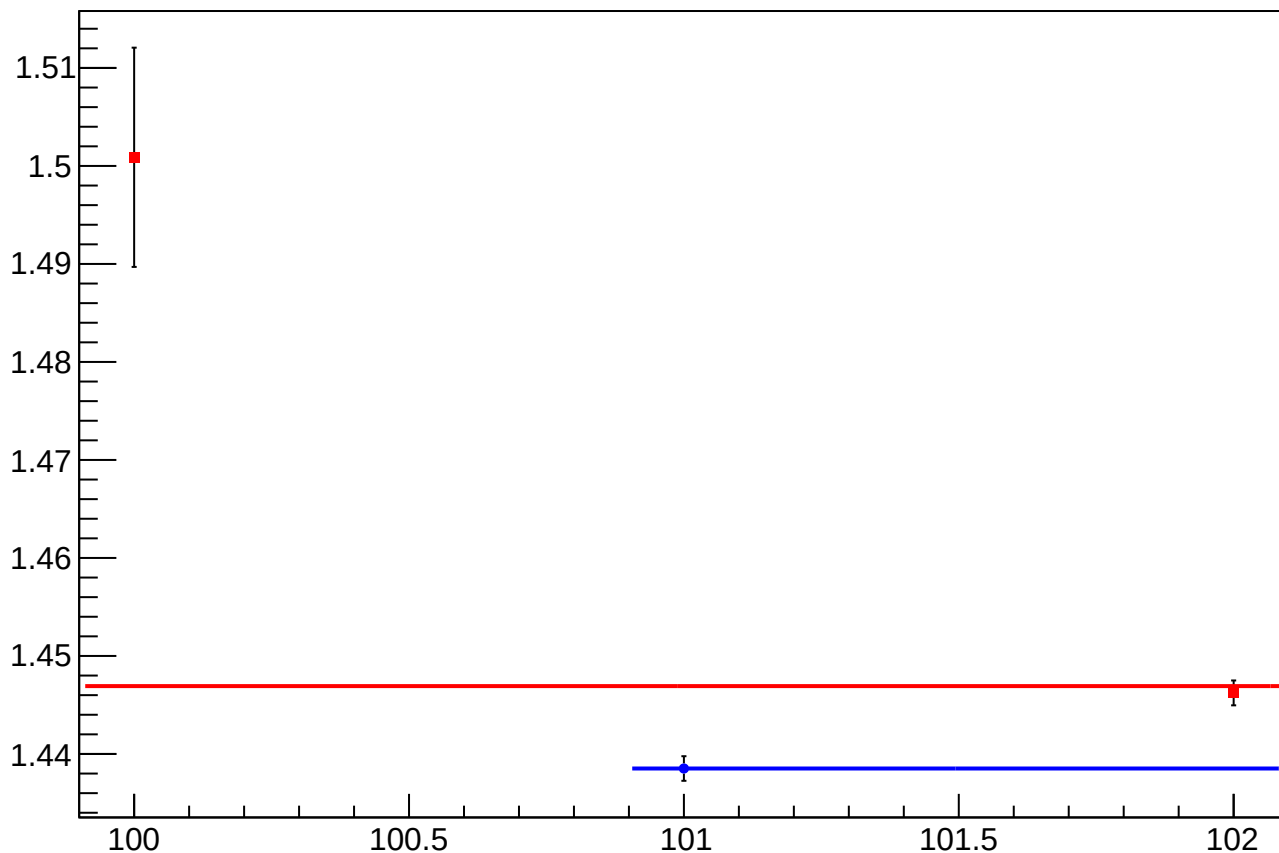
Right: 1.008+/-1.258 χ^2/NDF : 2.5/2

In: 1.029+/-1.774 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.008+/-1.258 χ^2/NDF : 2.5/2

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.439+/-0.001 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.447+/-0.001 χ^2/NDF : 23.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

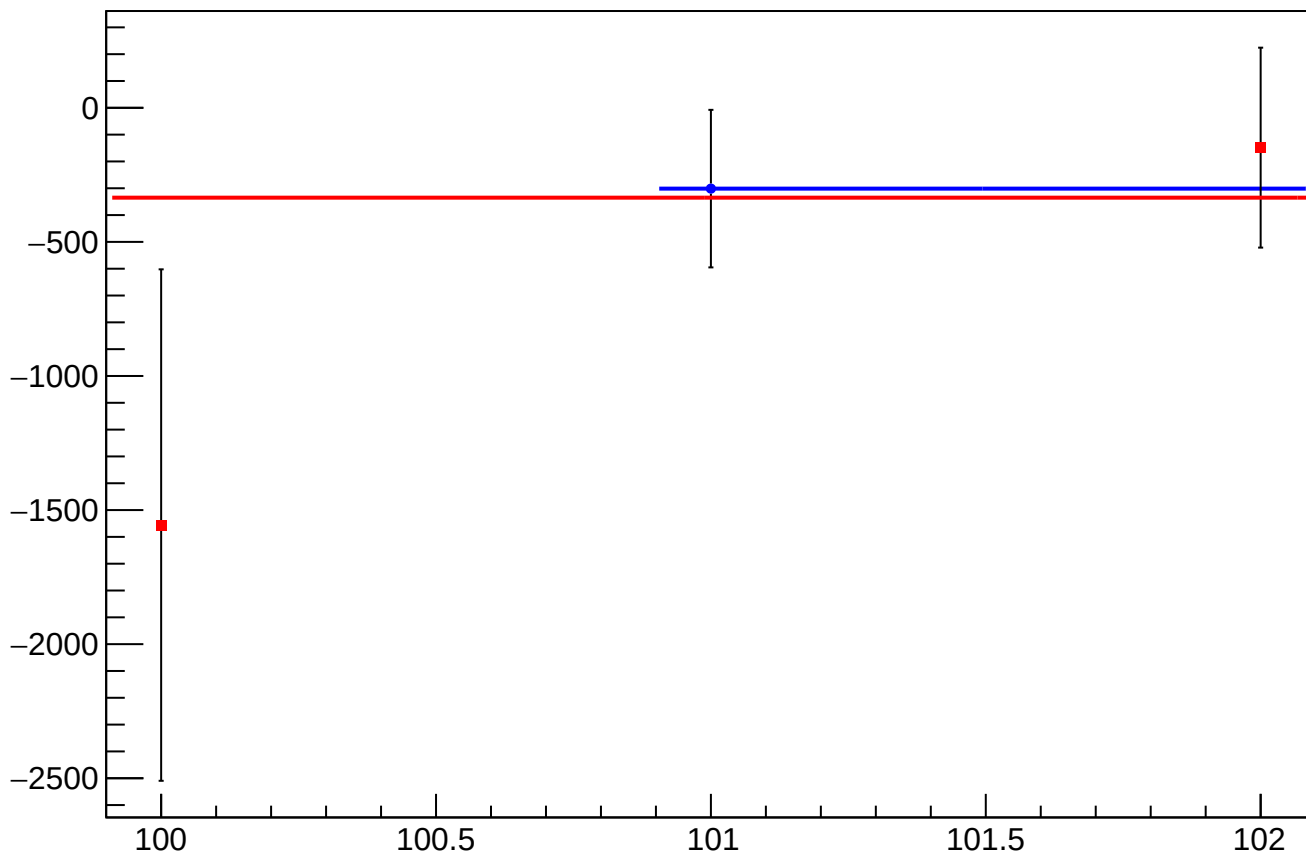
Right: 1.443+/-0.001 χ^2/NDF : 45.9/2

In: 1.439+/-0.001 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.443+/-0.001 χ^2/NDF : 45.9/2

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: -301.369+/-293.719 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -335.078+/-347.183 χ^2 /NDF: 1.9/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

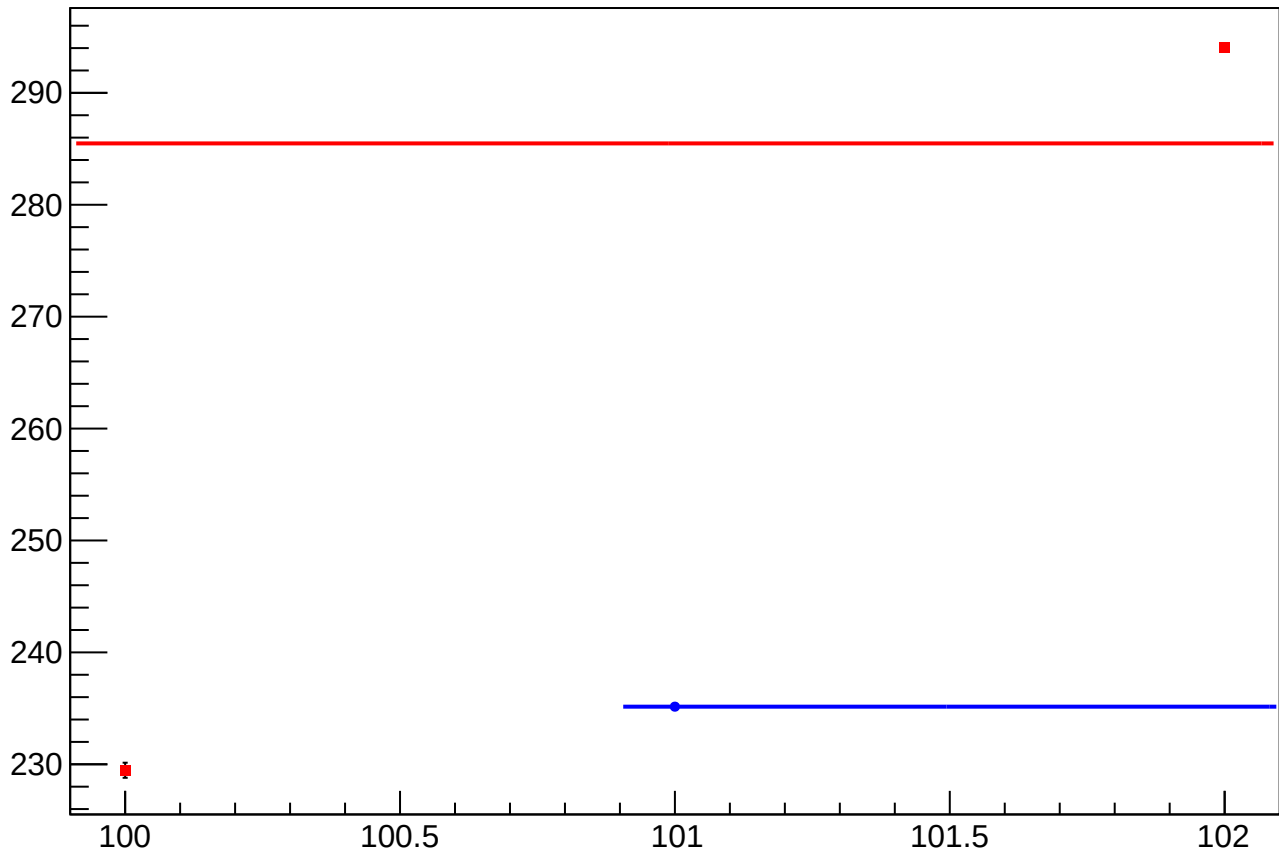
Right: -315.431+/-224.237 χ^2 /NDF: 1.9/2

In: -301.369+/-293.719 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -315.431+/-224.237 χ^2 /NDF: 1.9/2

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 235.149 $\pm$ 0.208 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 285.483 $\pm$ 0.245 χ^2 /NDF: 7955.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

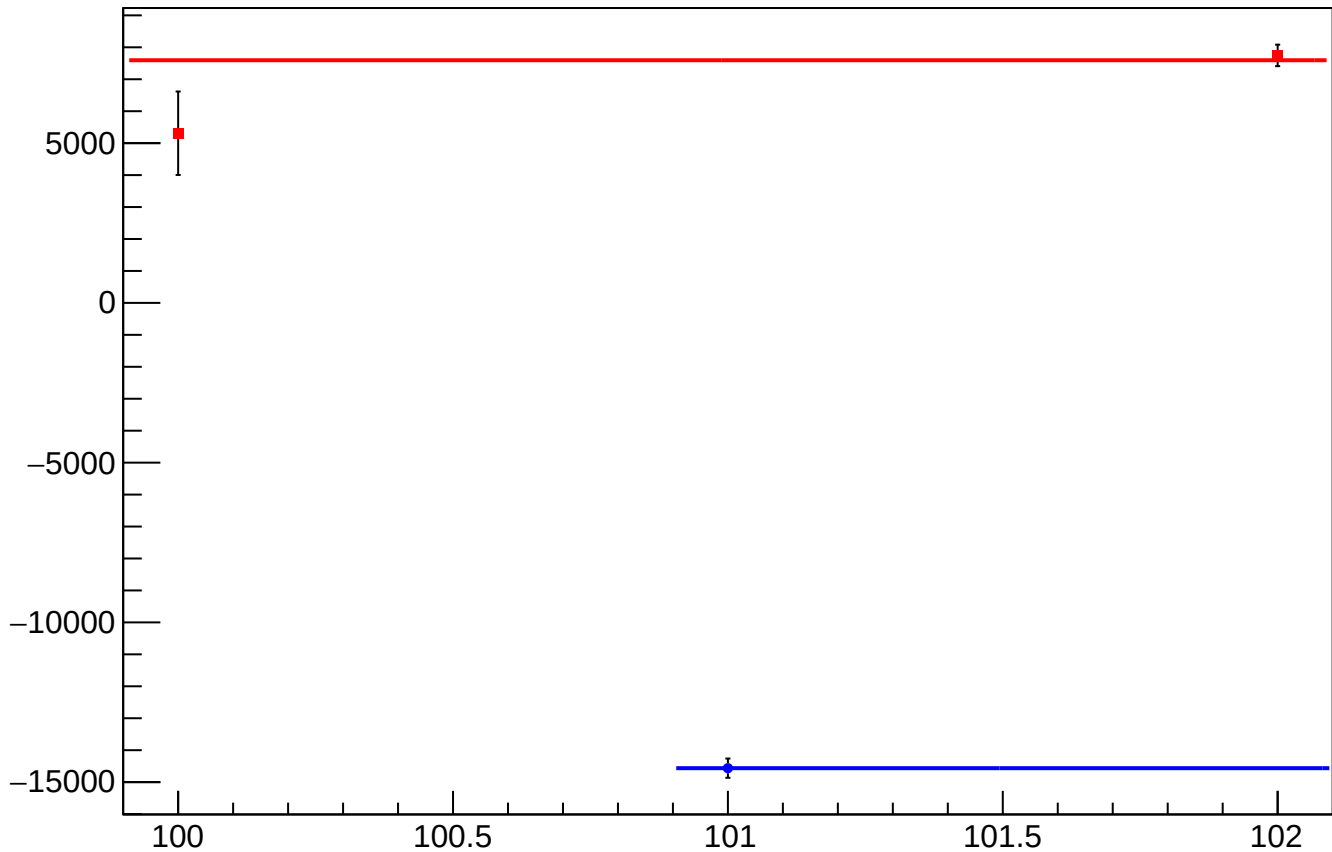
Right: 256.146 $\pm$ 0.159 χ^2 /NDF: 32456.5/2

In: 235.149 $\pm$ 0.208 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 256.146 $\pm$ 0.159 χ^2 /NDF: 32456.5/2

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: -14563.057 $\pm$ 301.132 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 7595.190 $\pm$ 325.388 χ^2/NDF : 3.3/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

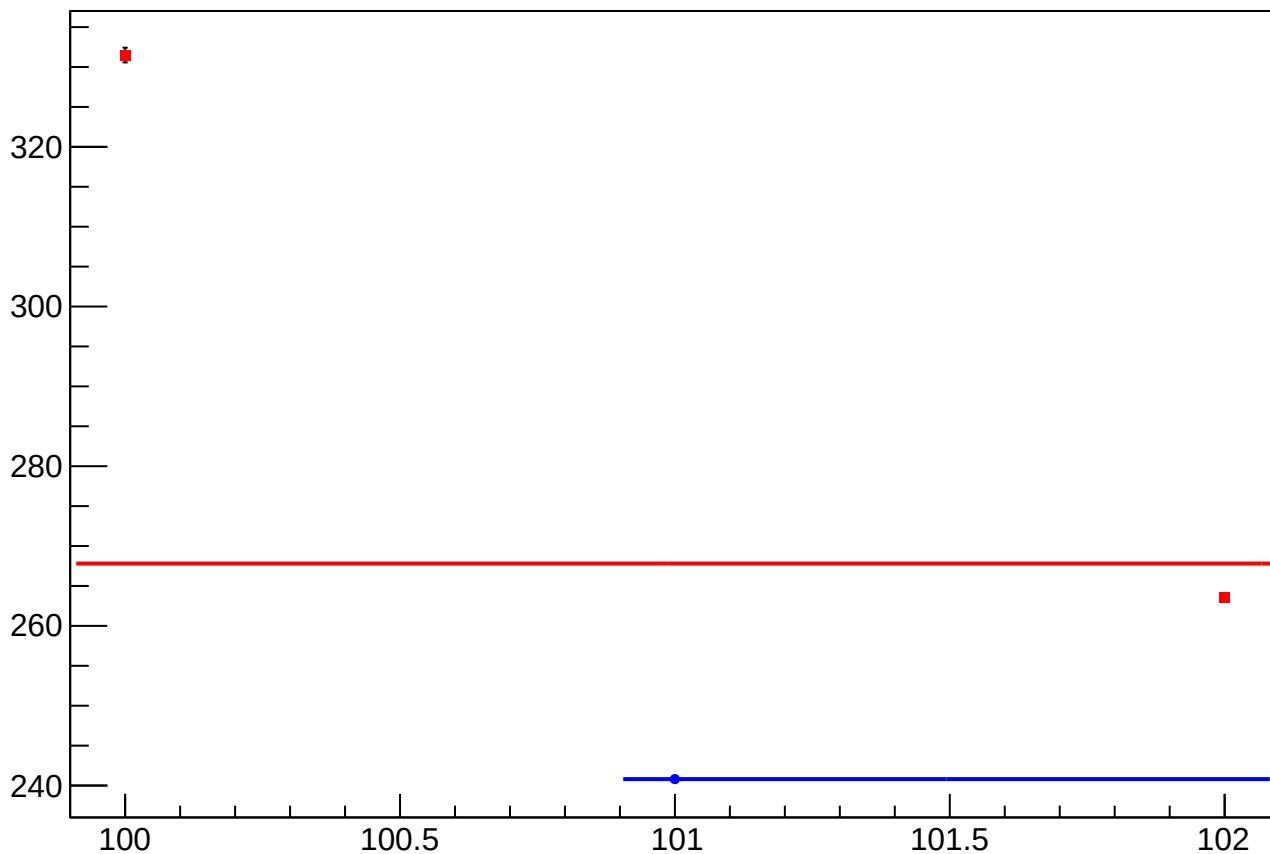
Right: -4340.498 $\pm$ 221.011 χ^2/NDF : 2501.2/2

In: -14563.057 $\pm$ 301.132 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -4340.498 $\pm$ 221.011 χ^2/NDF : 2501.2/2

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 240.808 $\pm$ 0.213 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 267.808 $\pm$ 0.230 χ^2 /NDF: 5070.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

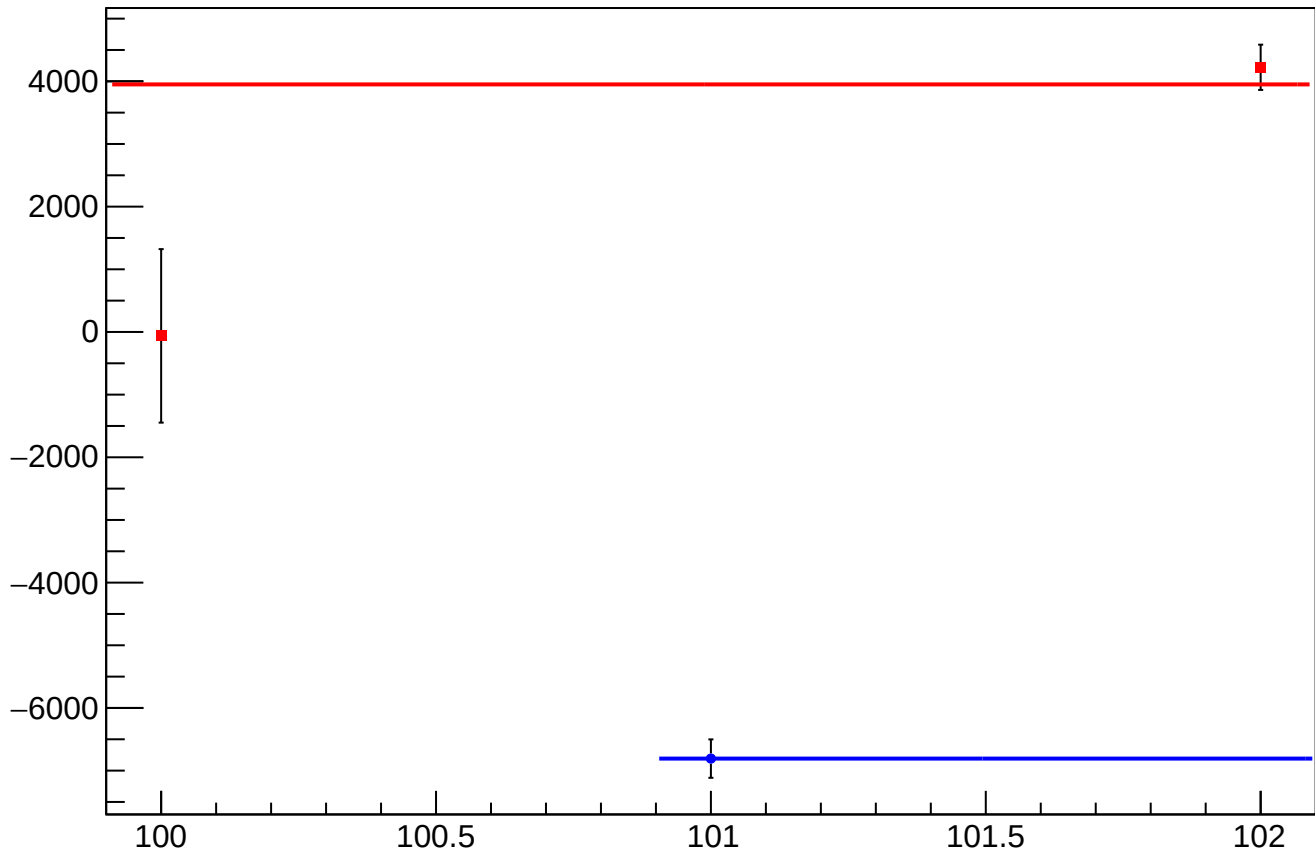
Right: 253.264 $\pm$ 0.156 χ^2 /NDF: 12488.7/2

In: 240.808 $\pm$ 0.213 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 253.264 $\pm$ 0.156 χ^2 /NDF: 12488.7/2

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: -6808.103+/-306.531 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3950.434+/-349.435 χ^2/NDF : 9.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

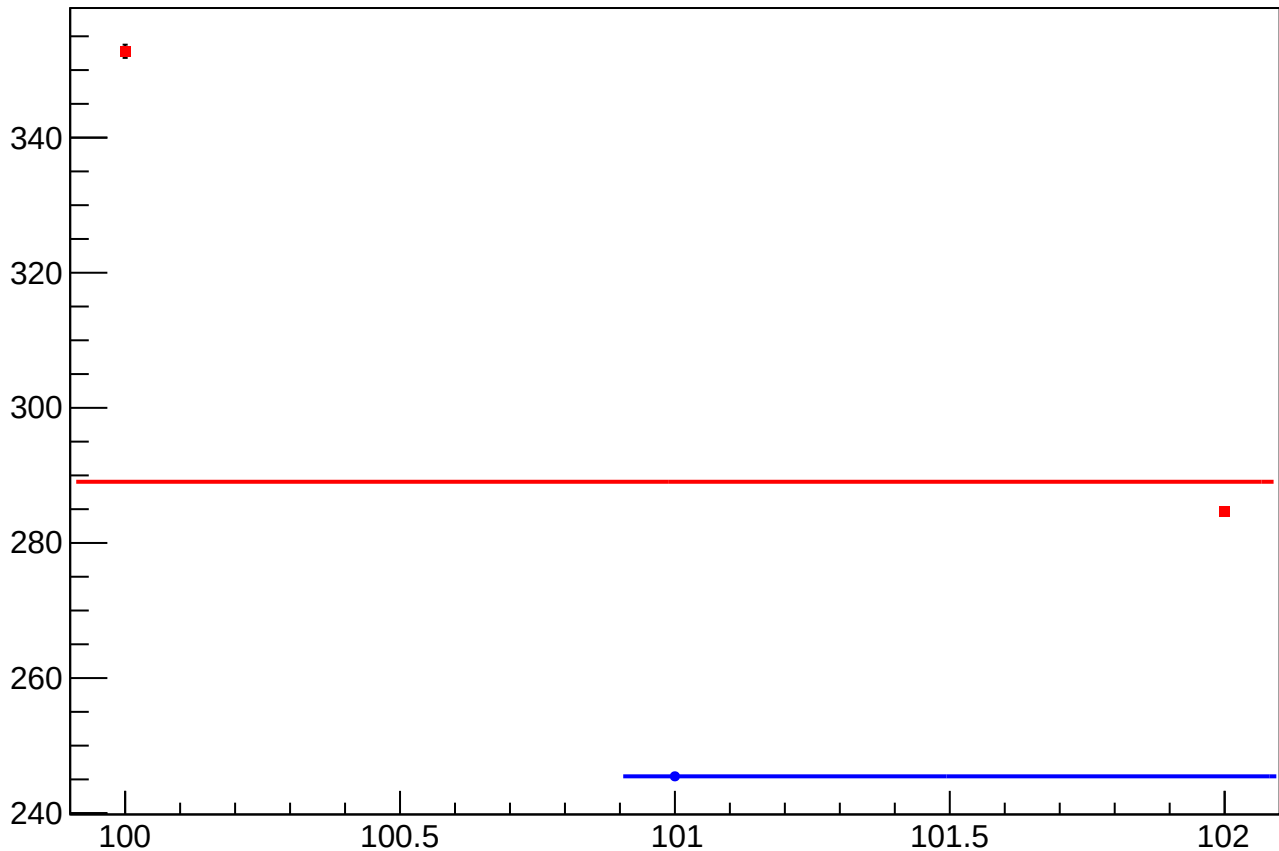
Right: -2129.498+/-230.434 χ^2/NDF : 544.7/2

In: -6808.103+/-306.531 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2129.498+/-230.434 χ^2/NDF : 544.7/2

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 245.454+/-0.217 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 289.058+/-0.247 χ^2/NDF : 4525.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

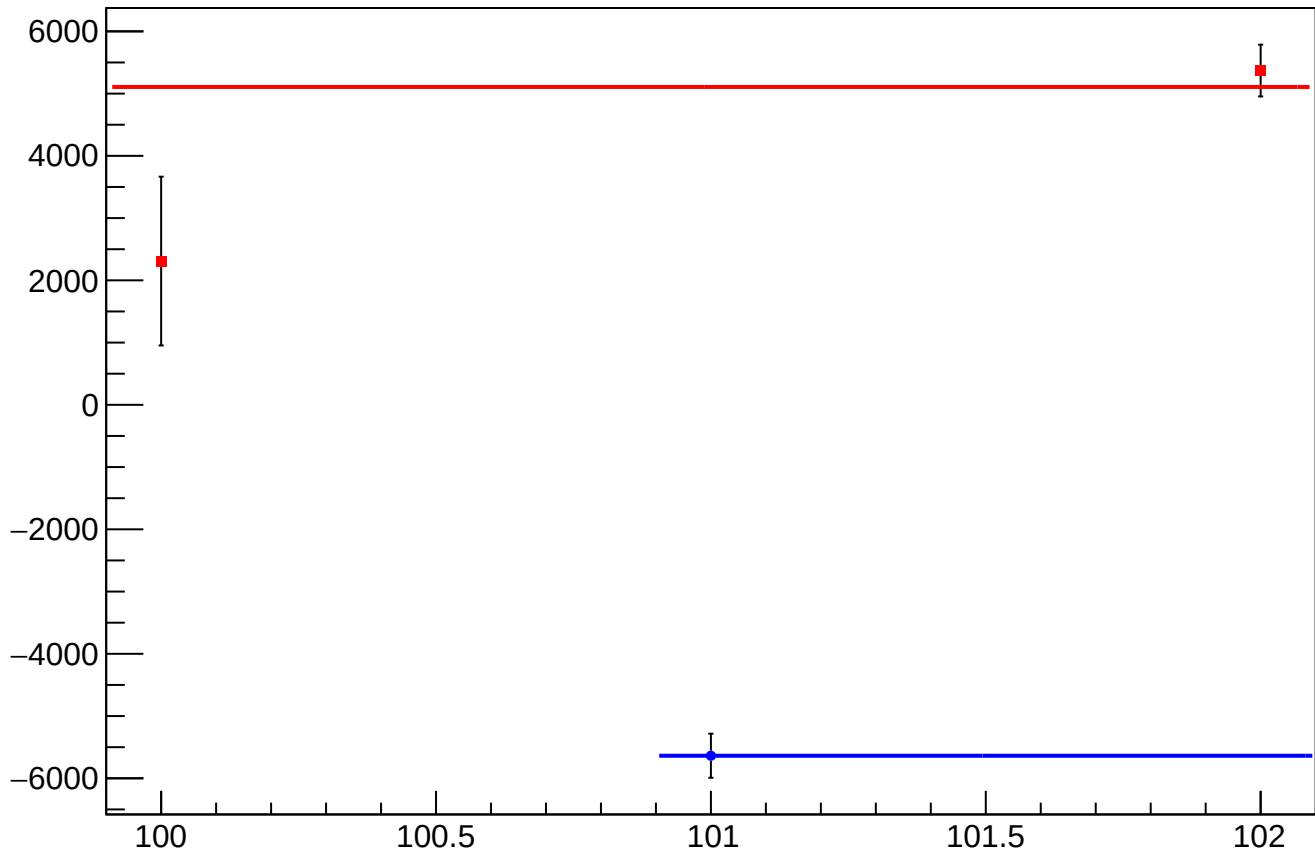
Right: 264.417+/-0.163 χ^2/NDF : 22124.7/2

In: 245.454+/-0.217 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 264.417+/-0.163 χ^2/NDF : 22124.7/2

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: -5637.662+/-354.270 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5106.723+/-397.698 χ^2/NDF : 4.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

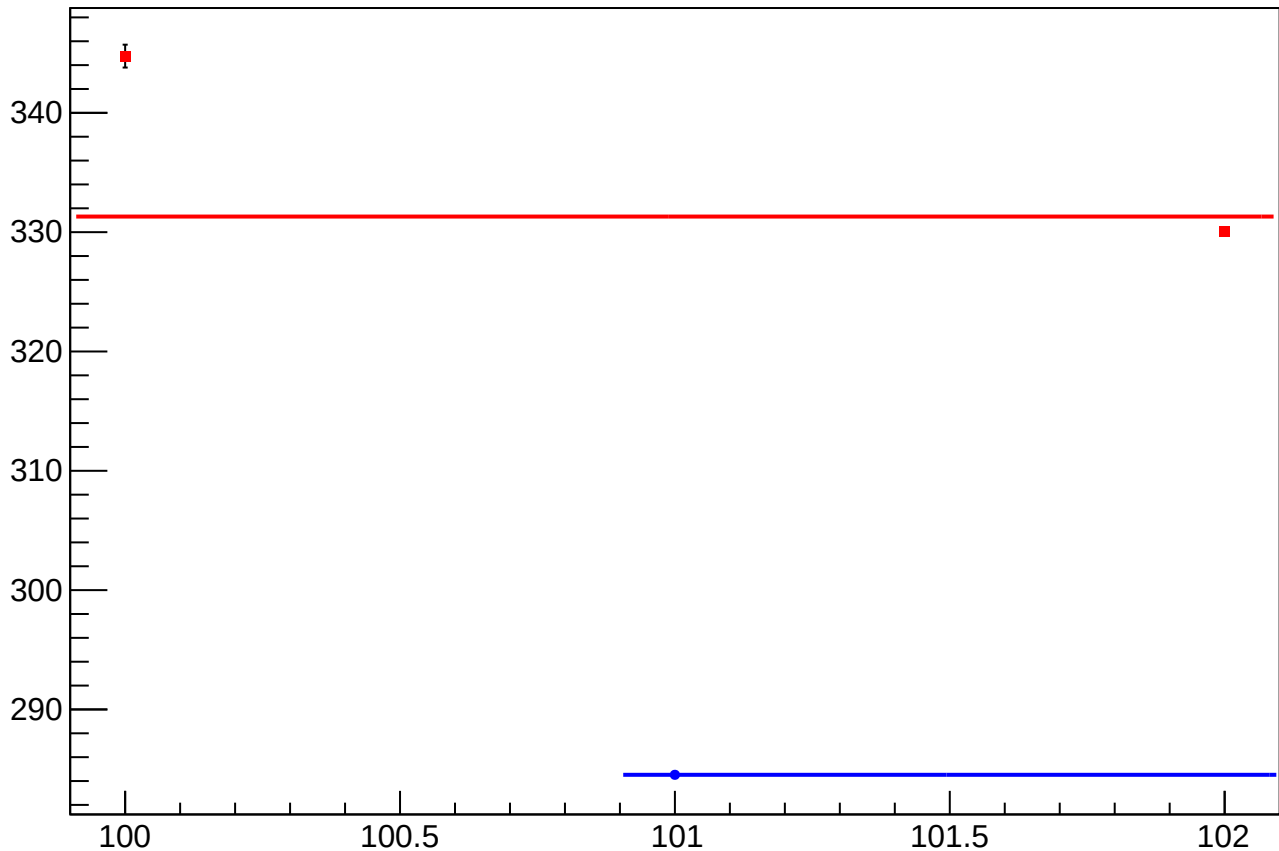
Right: -883.920+/-264.533 χ^2/NDF : 411.6/2

In: -5637.662+/-354.270 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -883.920+/-264.533 χ^2/NDF : 411.6/2

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 284.522 $\pm$ 0.251 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 331.308 $\pm$ 0.281 χ^2 /NDF: 215.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

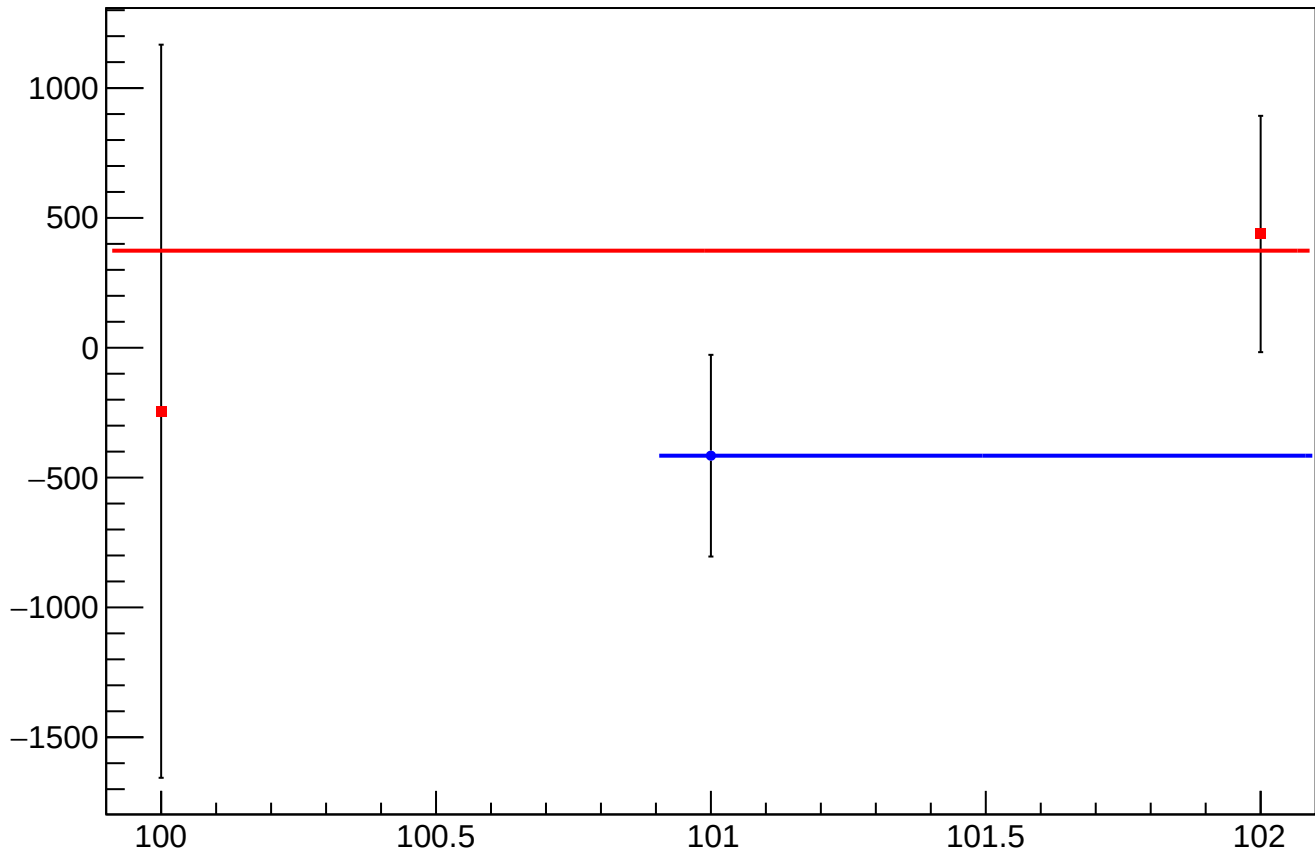
Right: 305.222 $\pm$ 0.187 χ^2 /NDF: 15648.5/2

In: 284.522 $\pm$ 0.251 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 305.222 $\pm$ 0.187 χ^2 /NDF: 15648.5/2

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -415.703+/-388.400 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 373.848+/-433.114 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

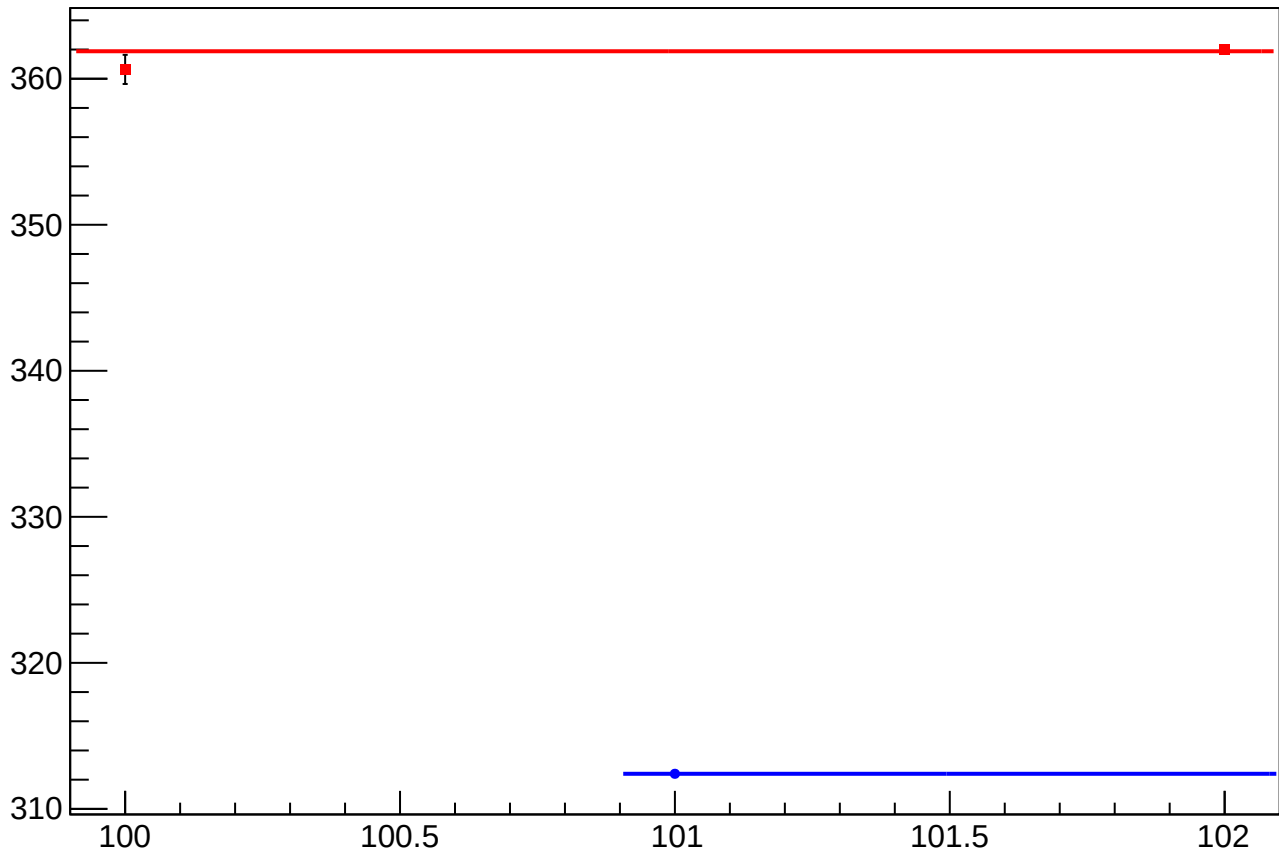
Right: -63.775+/-289.161 χ^2/NDF : 2.1/2

In: -415.703+/-388.400 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

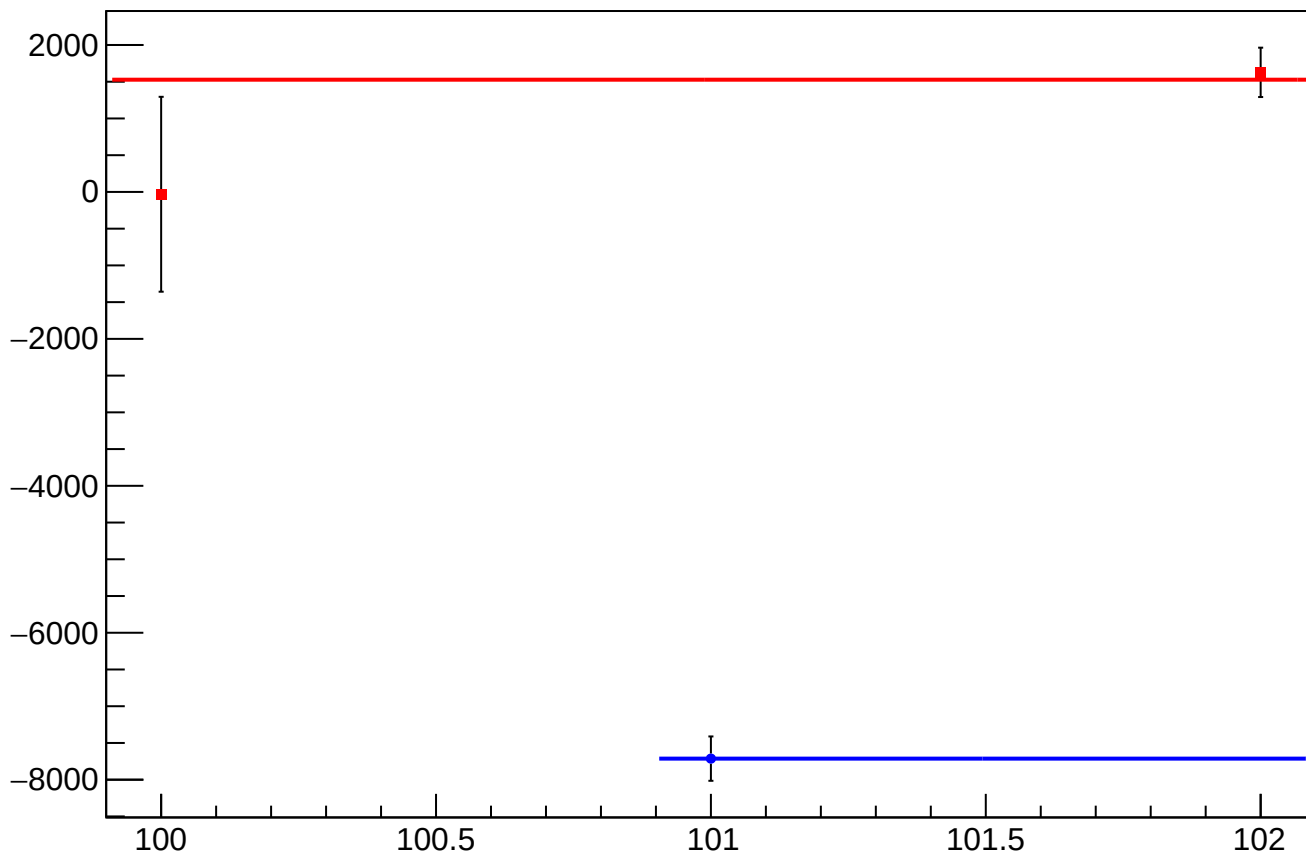
All: -63.775+/-289.161 χ^2/NDF : 2.1/2

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Right: 334.458 $\pm$ 0.204 χ^2 /NDF: 14468.6/2
In: 312.404 $\pm$ 0.275 χ^2 /NDF: 0.0/0
Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
All: 334.458 $\pm$ 0.204 χ^2 /NDF: 14468.6/2

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -7713.224+/-301.805 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1527.576+/-325.631 χ^2/NDF : 1.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

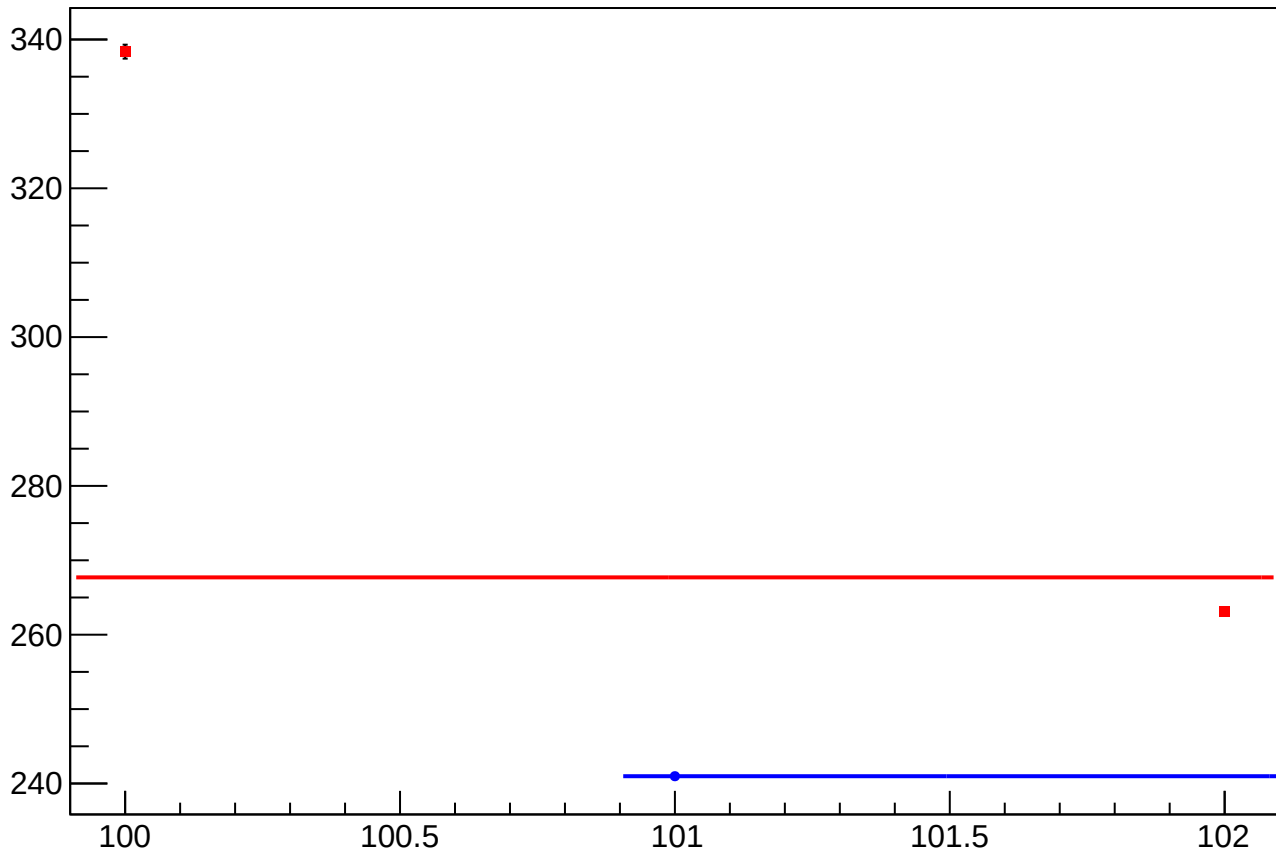
Right: -3443.219+/-221.353 χ^2/NDF : 434.7/2

In: -7713.224+/-301.805 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3443.219+/-221.353 χ^2/NDF : 434.7/2

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 240.979+/-0.213 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 267.704+/-0.230 χ^2/NDF : 6041.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

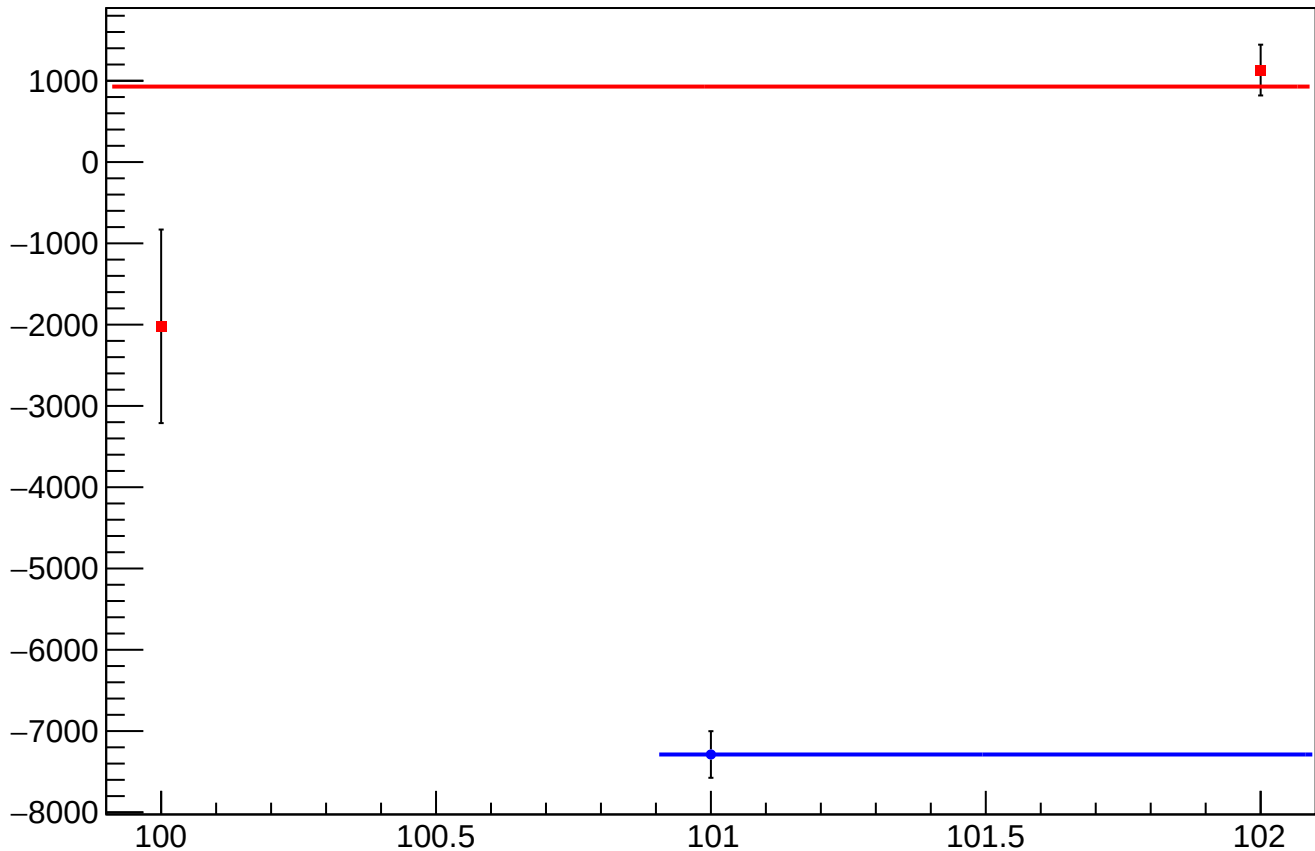
Right: 253.328+/-0.157 χ^2/NDF : 13287.6/2

In: 240.979+/-0.213 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 253.328+/-0.157 χ^2/NDF : 13287.6/2

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -7288.140+/-286.732 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 928.727+/-302.187 χ^2/NDF : 6.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

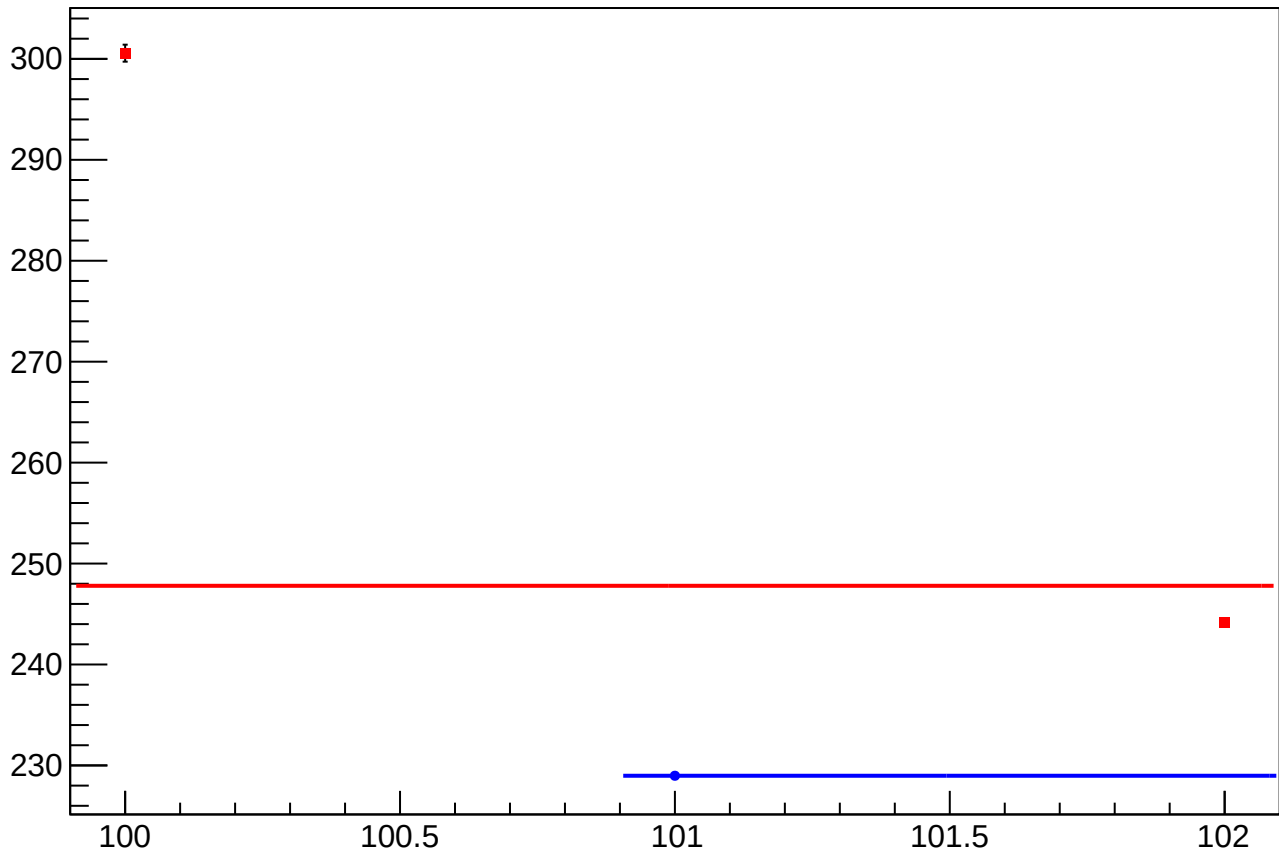
Right: -3395.190+/-208.000 χ^2/NDF : 395.6/2

In: -7288.140+/-286.732 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3395.190+/-208.000 χ^2/NDF : 395.6/2

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 228.977 $\pm$ 0.203 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 247.796 $\pm$ 0.214 χ^2 /NDF: 4199.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

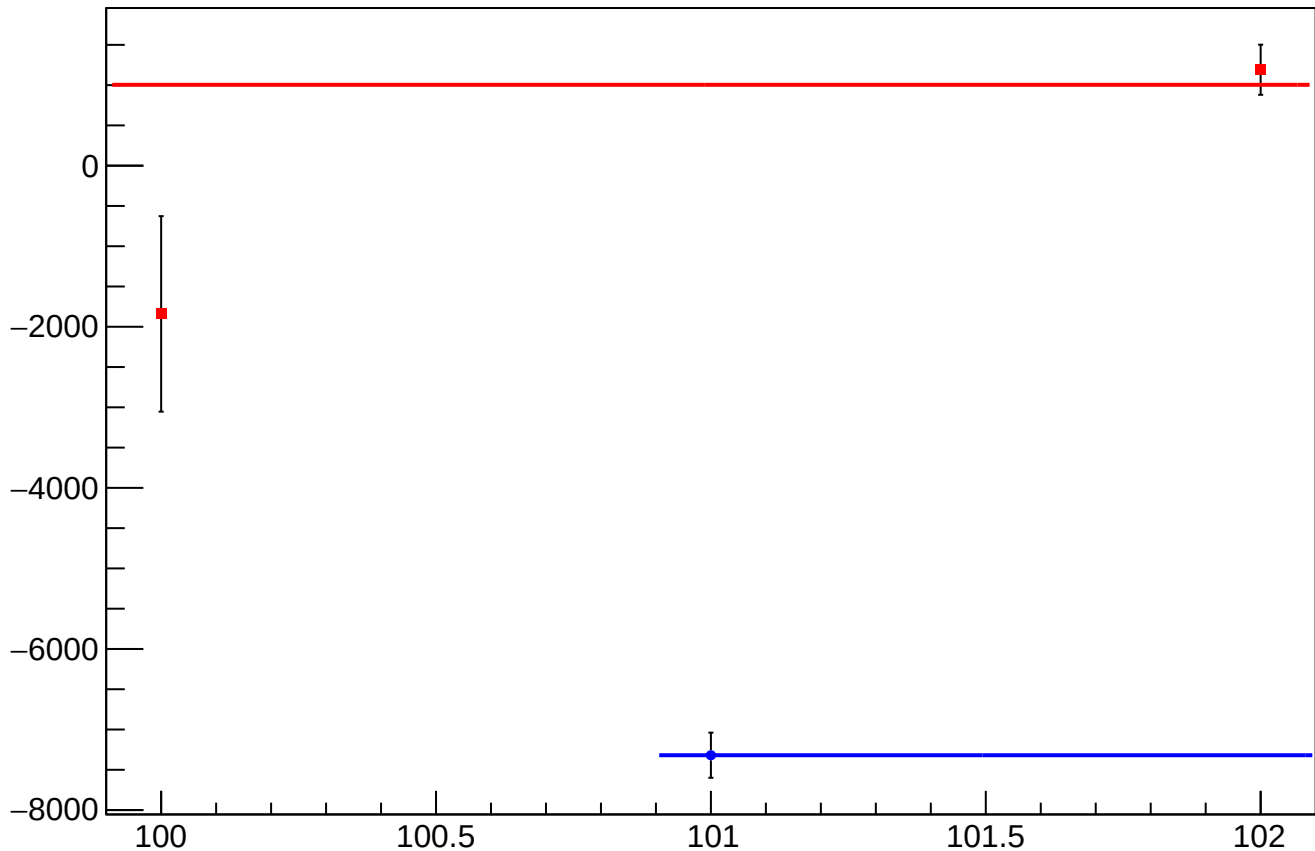
Right: 237.893 $\pm$ 0.147 χ^2 /NDF: 8281.1/2

In: 228.977 $\pm$ 0.203 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 237.893 $\pm$ 0.147 χ^2 /NDF: 8281.1/2

asym_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: -7319.233+/-280.190 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1003.932+/-301.483 χ^2/NDF : 5.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

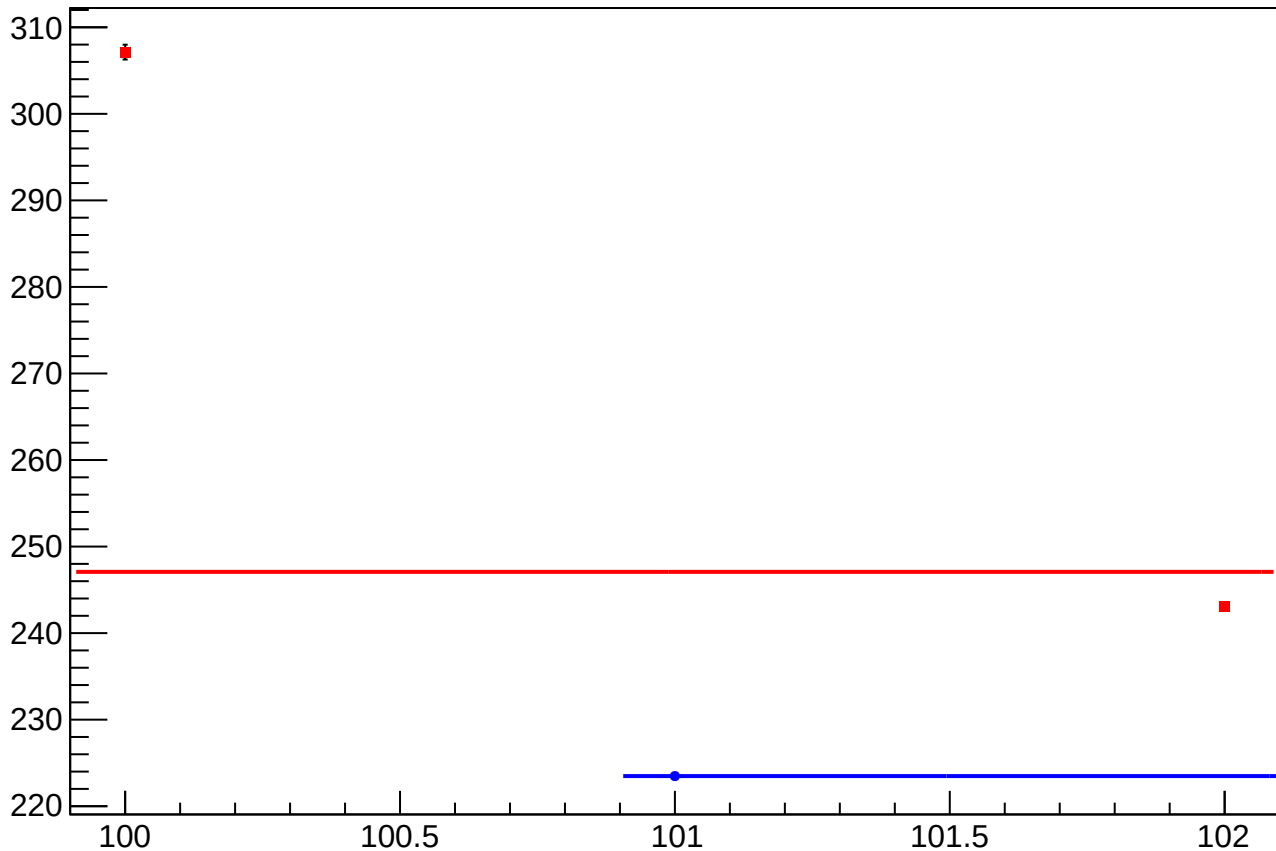
Right: -3461.929+/-205.240 χ^2/NDF : 414.8/2

In: -7319.233+/-280.190 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3461.929+/-205.240 χ^2/NDF : 414.8/2

asym_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 223.481+/-0.198 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 247.079+/-0.213 χ^2/NDF : 5218.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

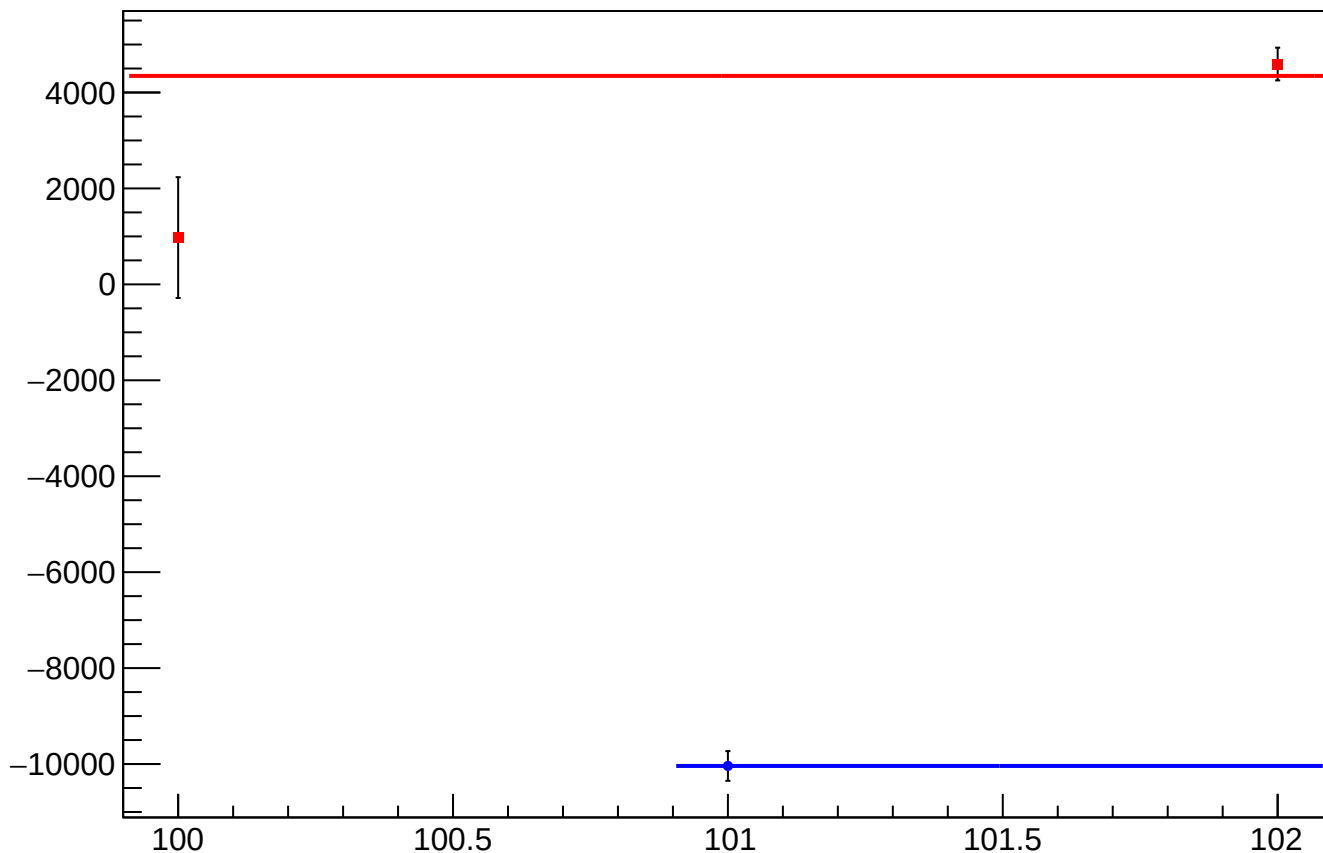
Right: 234.417+/-0.145 χ^2/NDF : 11793.3/2

In: 223.481+/-0.198 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 234.417+/-0.145 χ^2/NDF : 11793.3/2

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: -10039.916+/-309.768 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4345.776+/-329.379 χ^2/NDF : 7.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

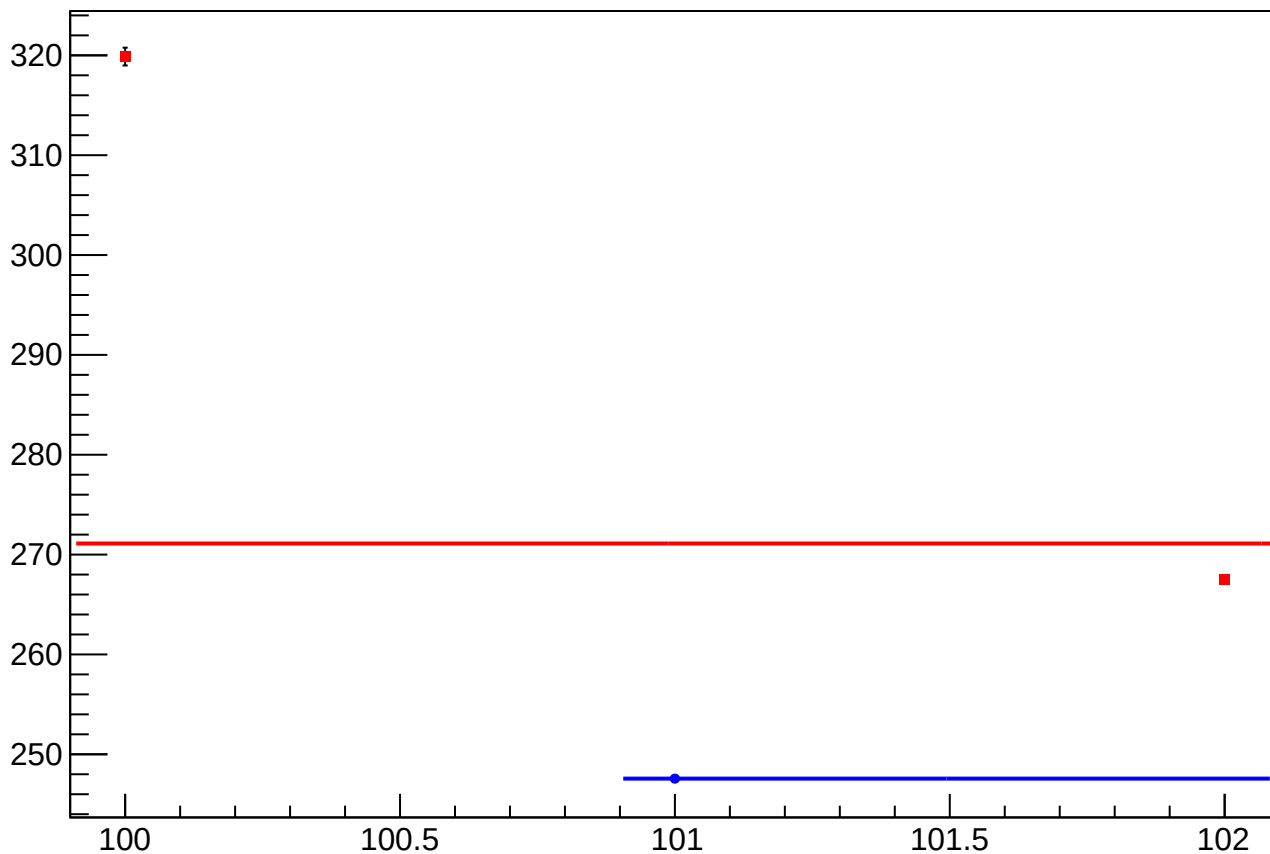
Right: -3288.030+/-225.654 χ^2/NDF : 1019.9/2

In: -10039.916+/-309.768 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3288.030+/-225.654 χ^2/NDF : 1019.9/2

asym_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 247.564 $\pm$ 0.219 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 271.110 $\pm$ 0.233 χ^2 /NDF: 3218.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

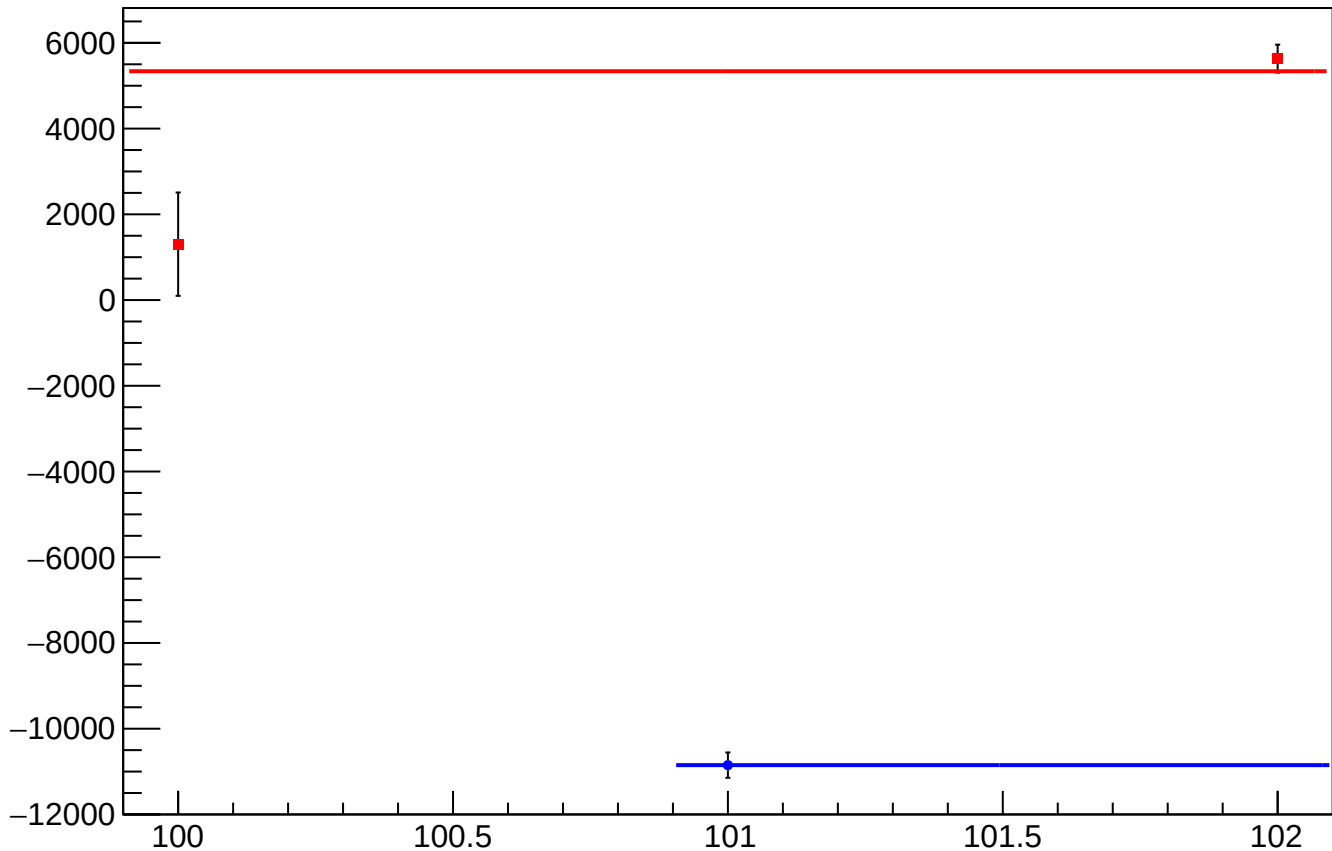
Right: 258.616 $\pm$ 0.160 χ^2 /NDF: 8642.1/2

In: 247.564 $\pm$ 0.219 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 258.616 $\pm$ 0.160 χ^2 /NDF: 8642.1/2

asym_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: -10849.920+/-295.437 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 5337.860+/-314.372 χ^2 /NDF: 12.0/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

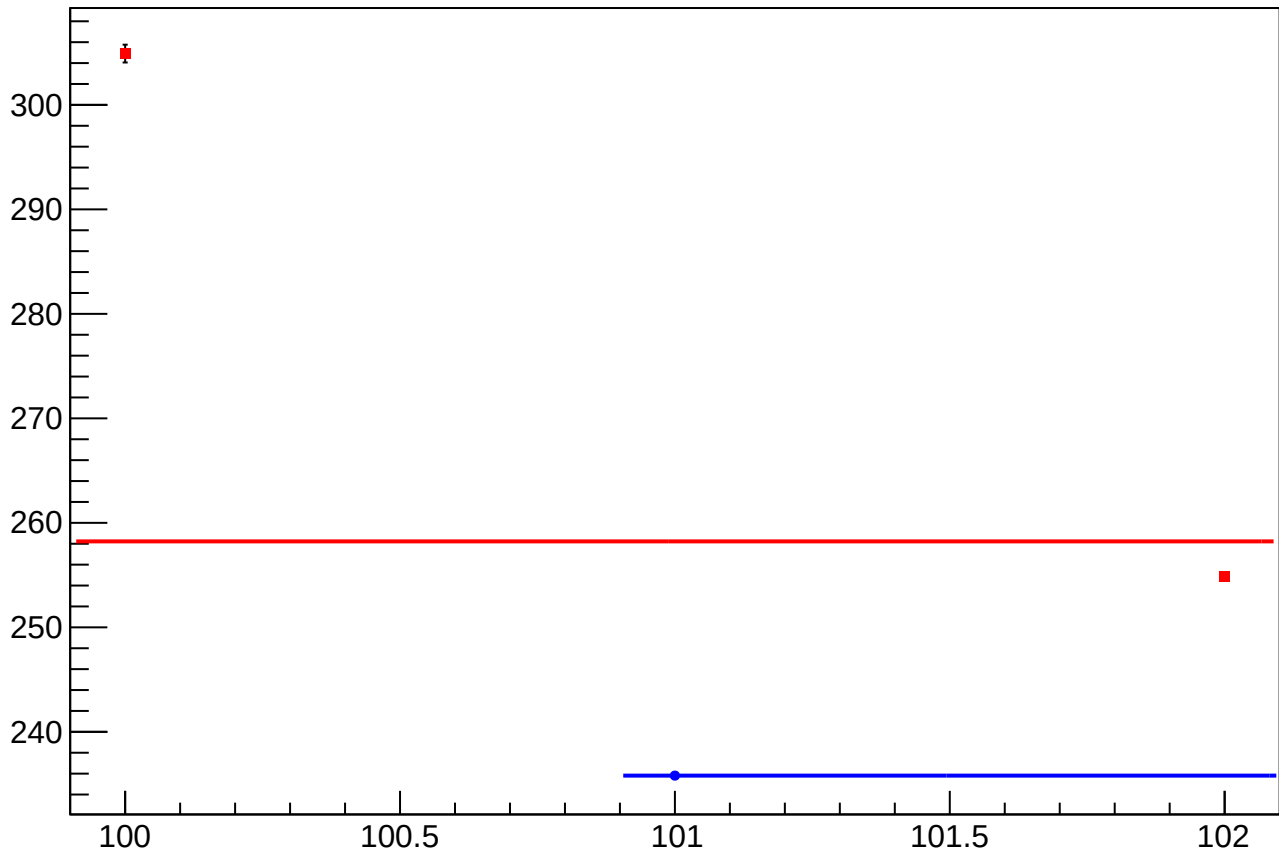
Right: -3258.198+/-215.288 χ^2 /NDF: 1420.0/2

In: -10849.920+/-295.437 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -3258.198+/-215.288 χ^2 /NDF: 1420.0/2

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 235.810 $\pm$ 0.209 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 258.226 $\pm$ 0.222 χ^2 /NDF: 3217.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

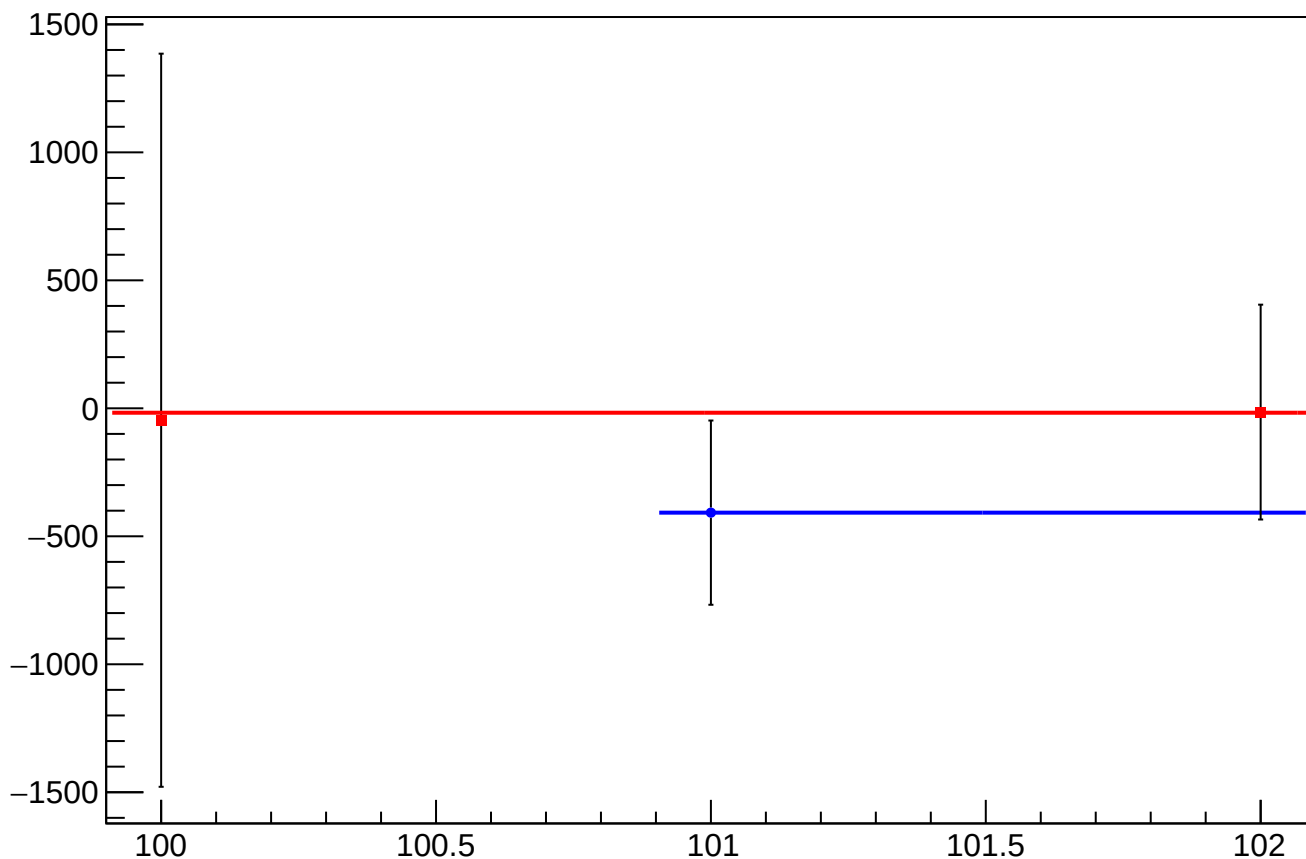
Right: 246.323 $\pm$ 0.152 χ^2 /NDF: 8617.1/2

In: 235.810 $\pm$ 0.209 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 246.323 $\pm$ 0.152 χ^2 /NDF: 8617.1/2

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -407.655+/-359.903 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.255+/-402.727 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

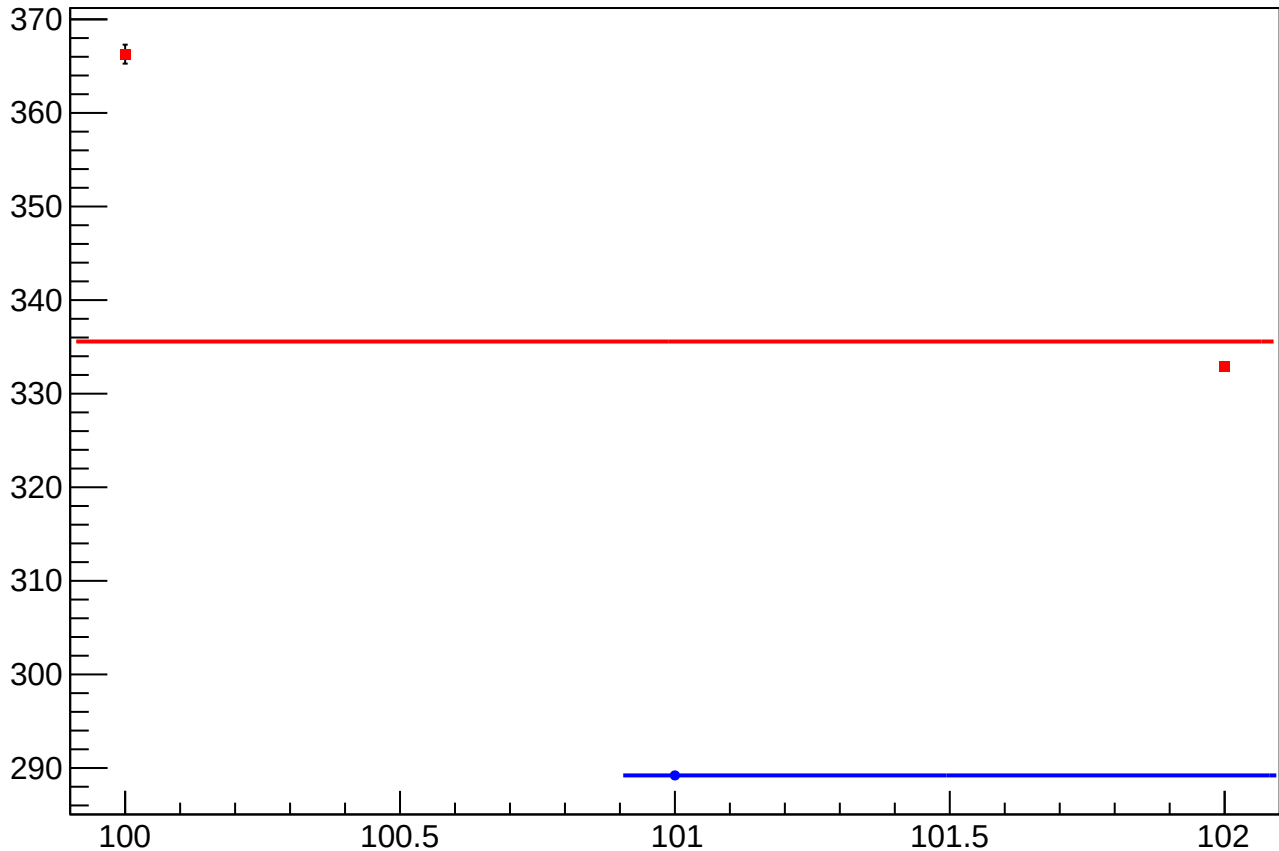
Right: -234.308+/-268.358 χ^2/NDF : 0.5/2

In: -407.655+/-359.903 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -234.308+/-268.358 χ^2/NDF : 0.5/2

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 289.209 $\pm$ 0.254 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 335.574 $\pm$ 0.285 χ^2 /NDF: 998.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

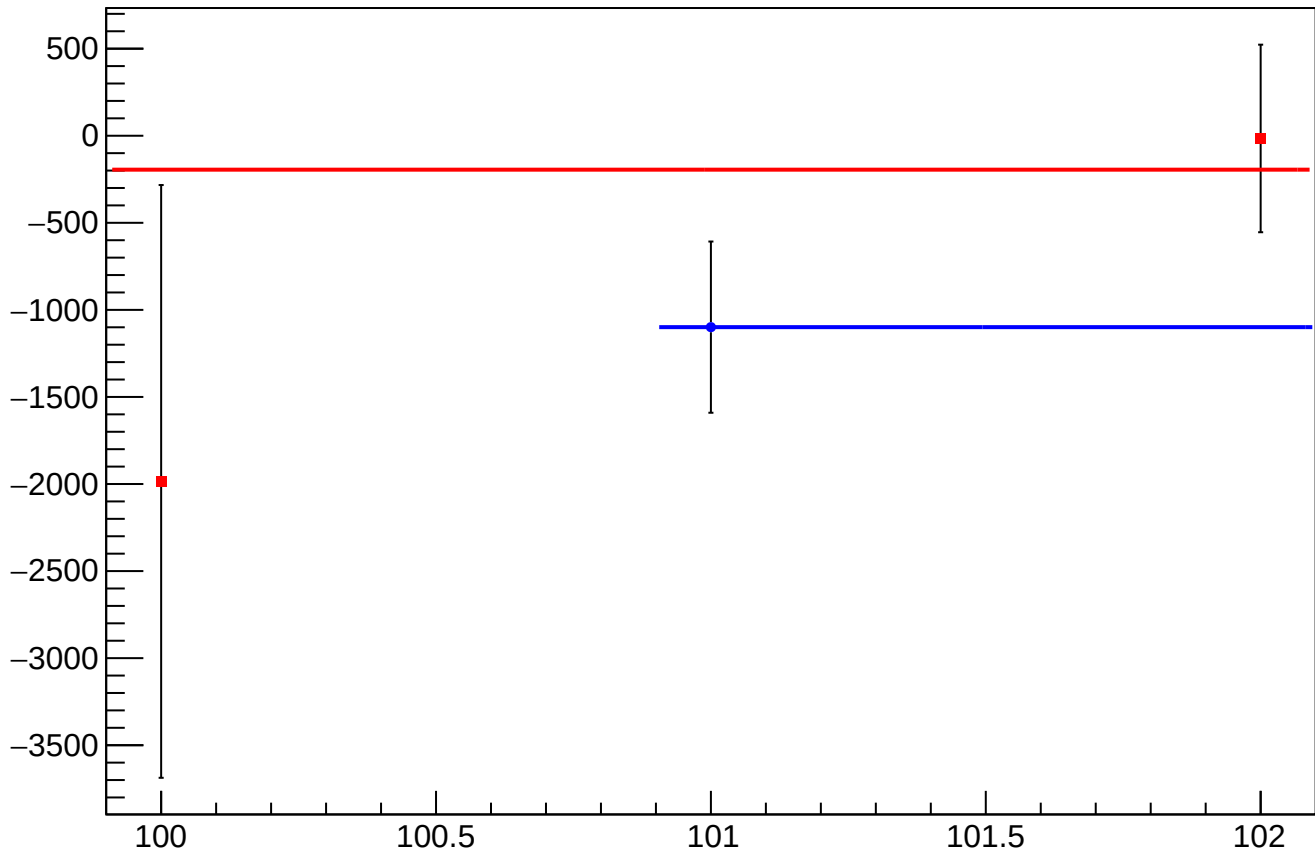
Right: 309.796 $\pm$ 0.190 χ^2 /NDF: 15736.6/2

In: 289.209 $\pm$ 0.254 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 309.796 $\pm$ 0.190 χ^2 /NDF: 15736.6/2

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: -1099.138+/-491.618 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -194.809+/-513.470 χ^2/NDF : 1.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

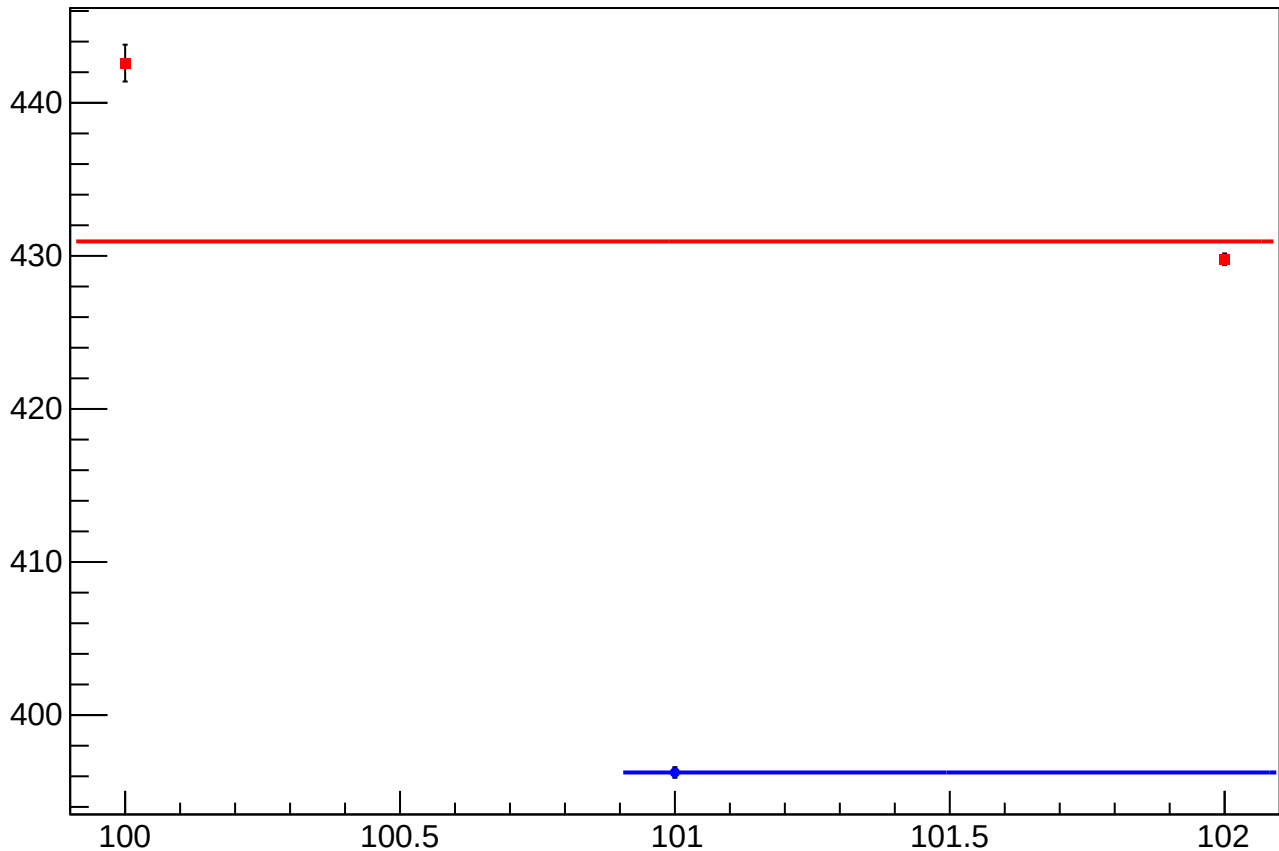
Right: -666.626+/-355.100 χ^2/NDF : 2.8/2

In: -1099.138+/-491.618 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -666.626+/-355.100 χ^2/NDF : 2.8/2

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 396.251 $\pm$ 0.348 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 430.945 $\pm$ 0.363 χ^2 /NDF: 103.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

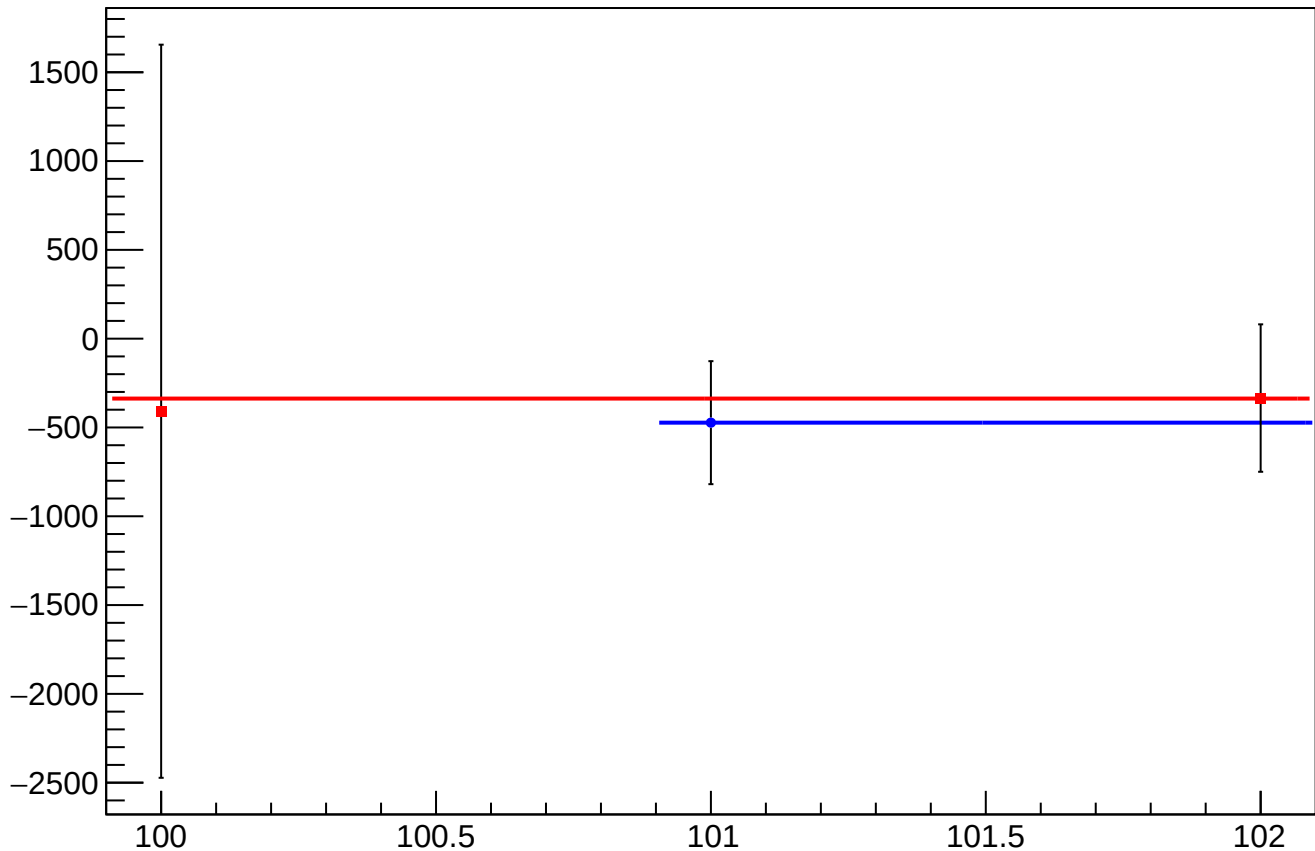
Right: 412.844 $\pm$ 0.251 χ^2 /NDF: 4867.1/2

In: 396.251 $\pm$ 0.348 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 412.844 $\pm$ 0.251 χ^2 /NDF: 4867.1/2

asym_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: -472.947+/-346.271 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -337.310+/-406.923 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

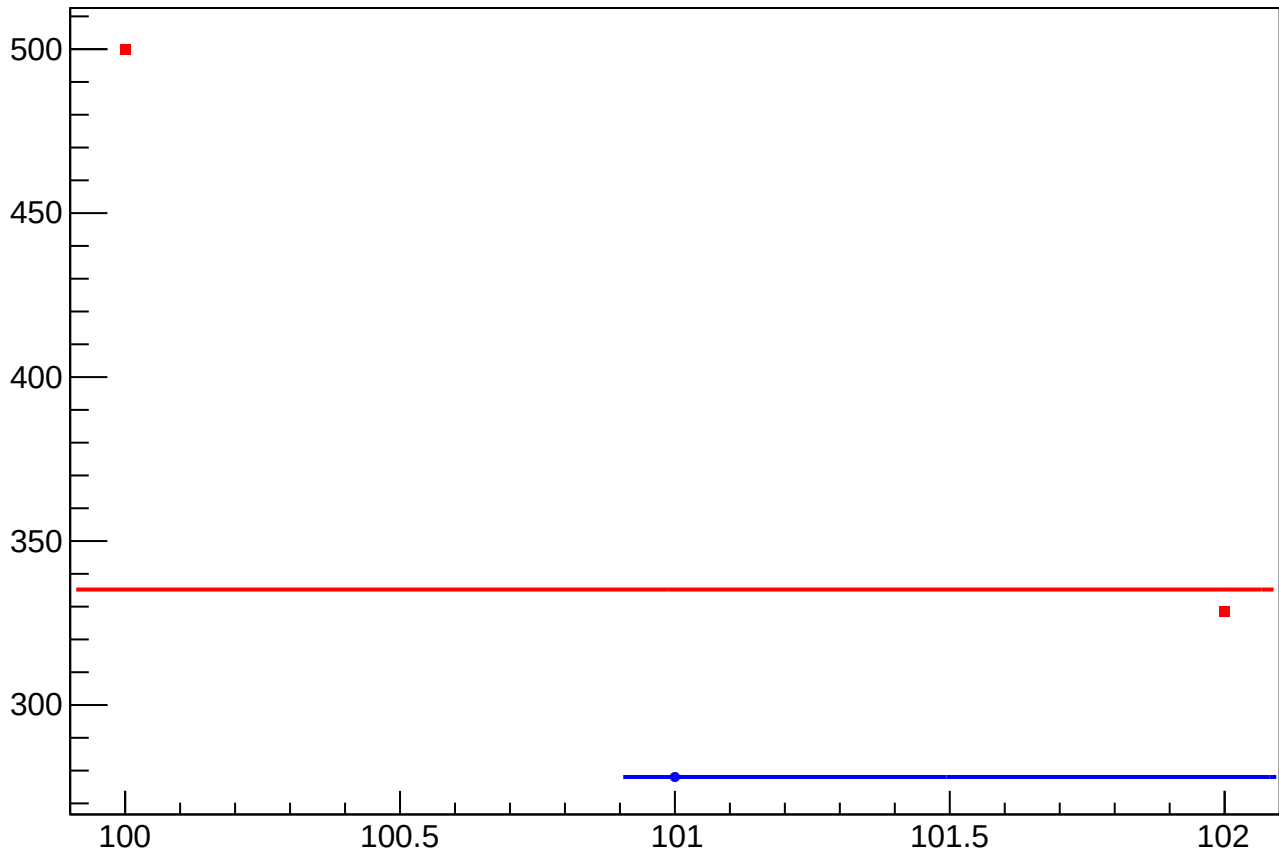
Right: -415.981+/-263.714 χ^2/NDF : 0.1/2

In: -472.947+/-346.271 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -415.981+/-263.714 χ^2/NDF : 0.1/2

asym_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 278.051+/-0.245 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 335.215+/-0.288 χ^2/NDF : 13249.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

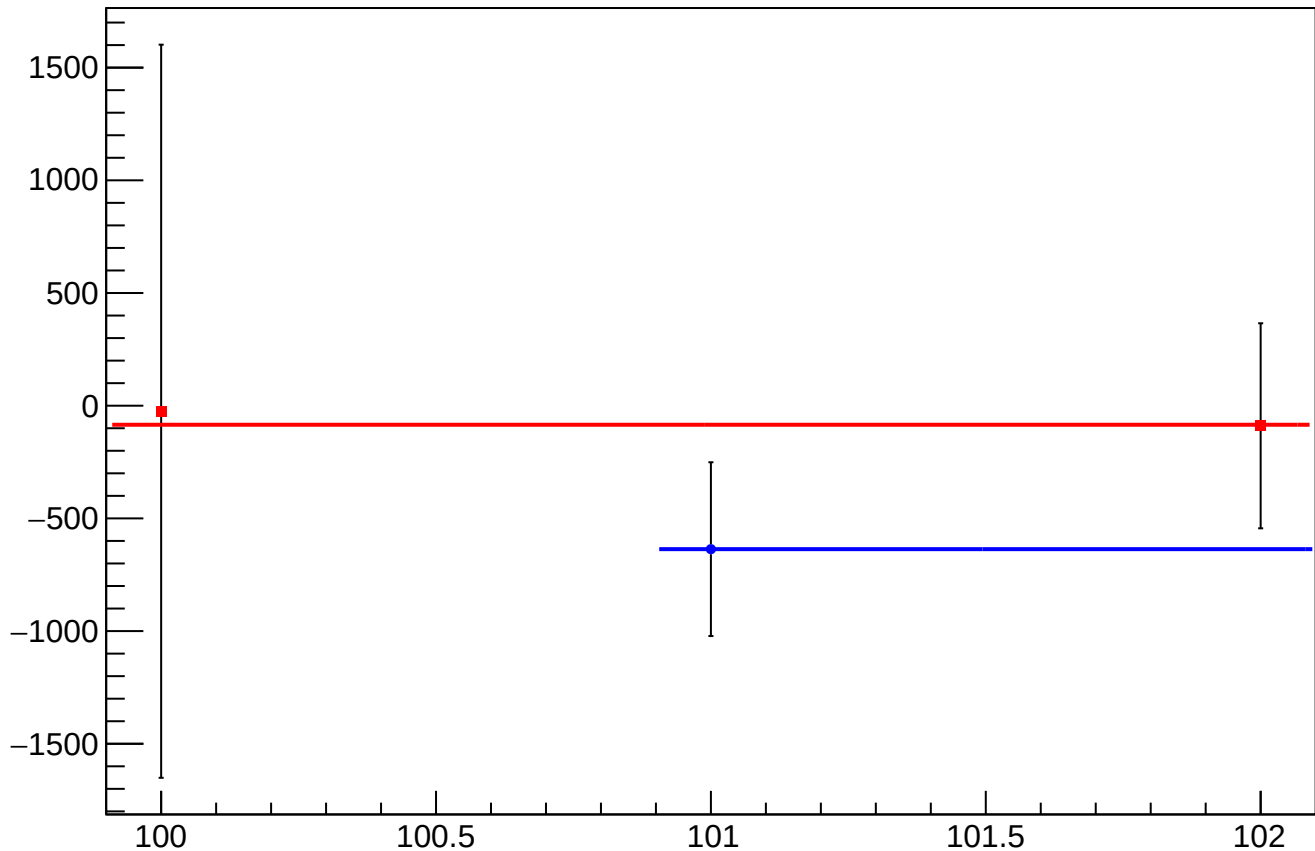
Right: 302.059+/-0.186 χ^2/NDF : 36142.1/2

In: 278.051+/-0.245 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 302.059+/-0.186 χ^2/NDF : 36142.1/2

asym_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: -636.473+/-385.549 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -84.504+/-438.069 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

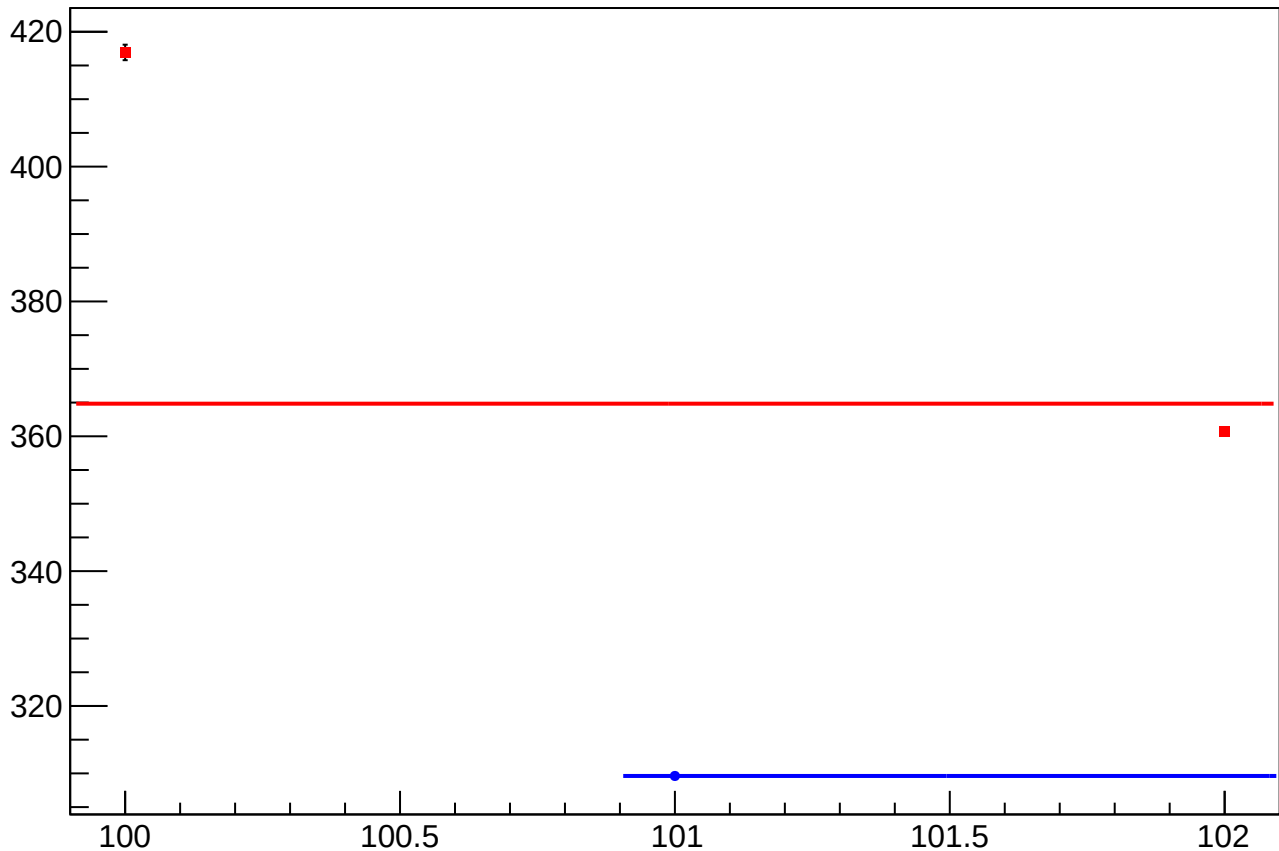
Right: -395.543+/-289.421 χ^2/NDF : 0.9/2

In: -636.473+/-385.549 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -395.543+/-289.421 χ^2/NDF : 0.9/2

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 309.619+/-0.273 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 364.837+/-0.310 χ^2/NDF : 2212.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

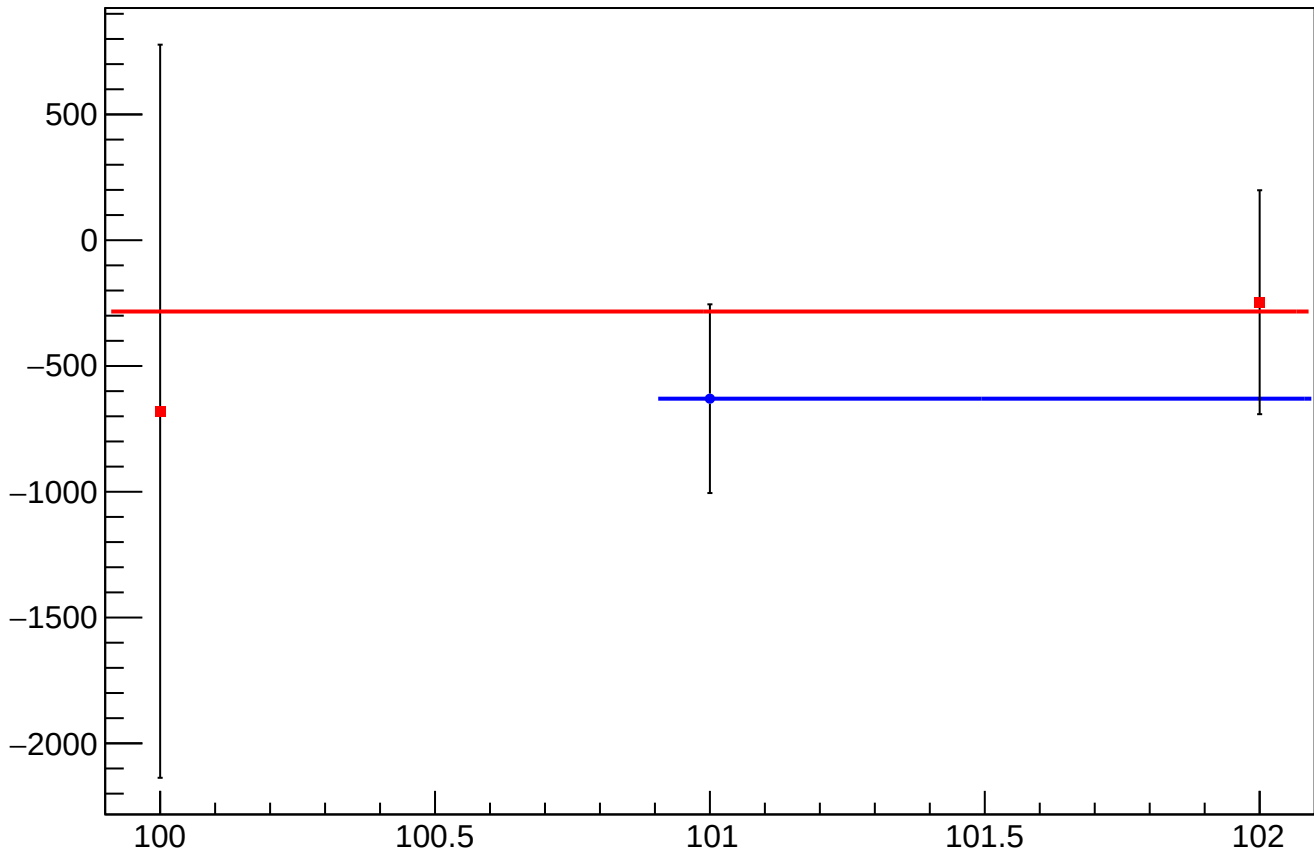
Right: 333.721+/-0.205 χ^2/NDF : 20119.3/2

In: 309.619+/-0.273 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 333.721+/-0.205 χ^2/NDF : 20119.3/2

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: -629.954 $\pm$ 375.120 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -283.436 $\pm$ 425.679 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

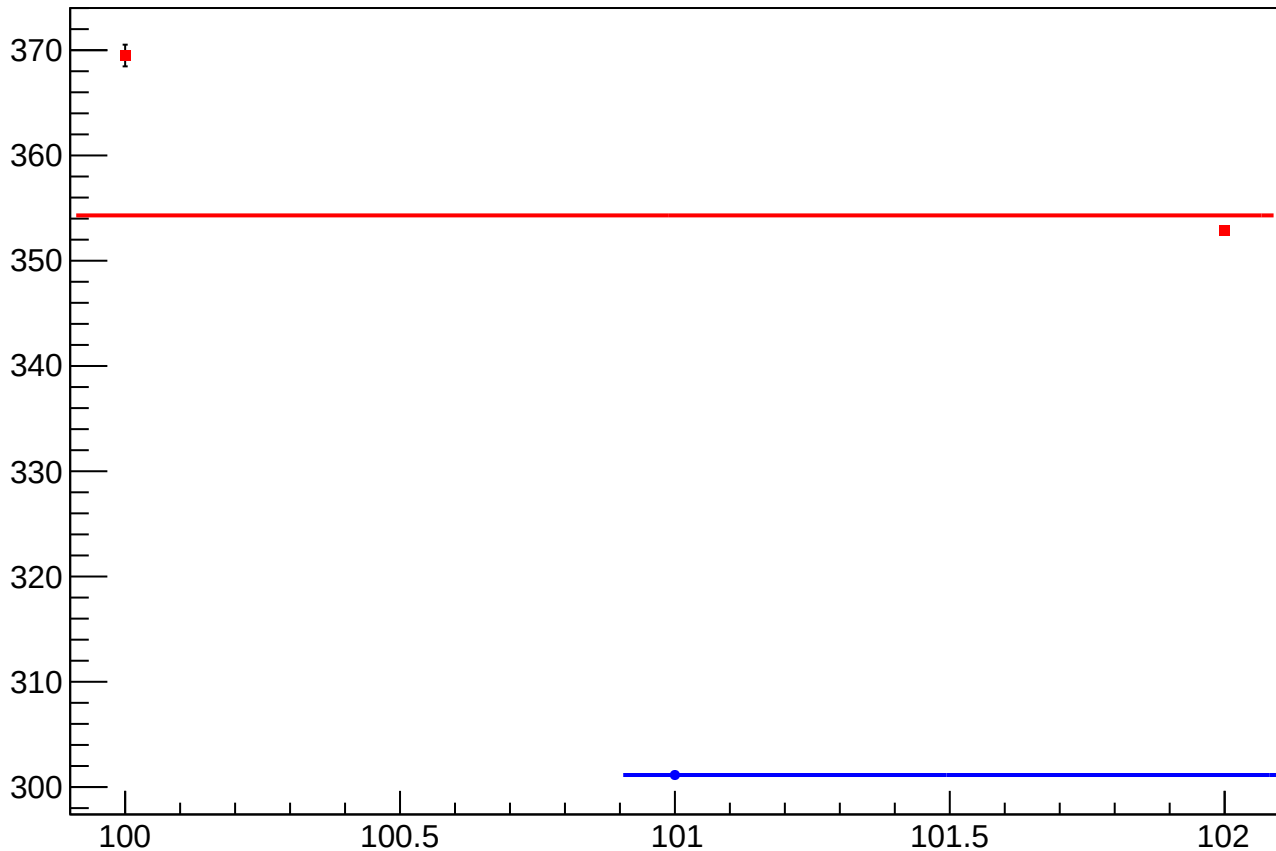
Right: -478.486 $\pm$ 281.436 χ^2 /NDF: 0.5/2

In: -629.954 $\pm$ 375.120 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -478.486 $\pm$ 281.436 χ^2 /NDF: 0.5/2

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 301.144 $\pm$ 0.265 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 354.305 $\pm$ 0.301 χ^2 /NDF: 237.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

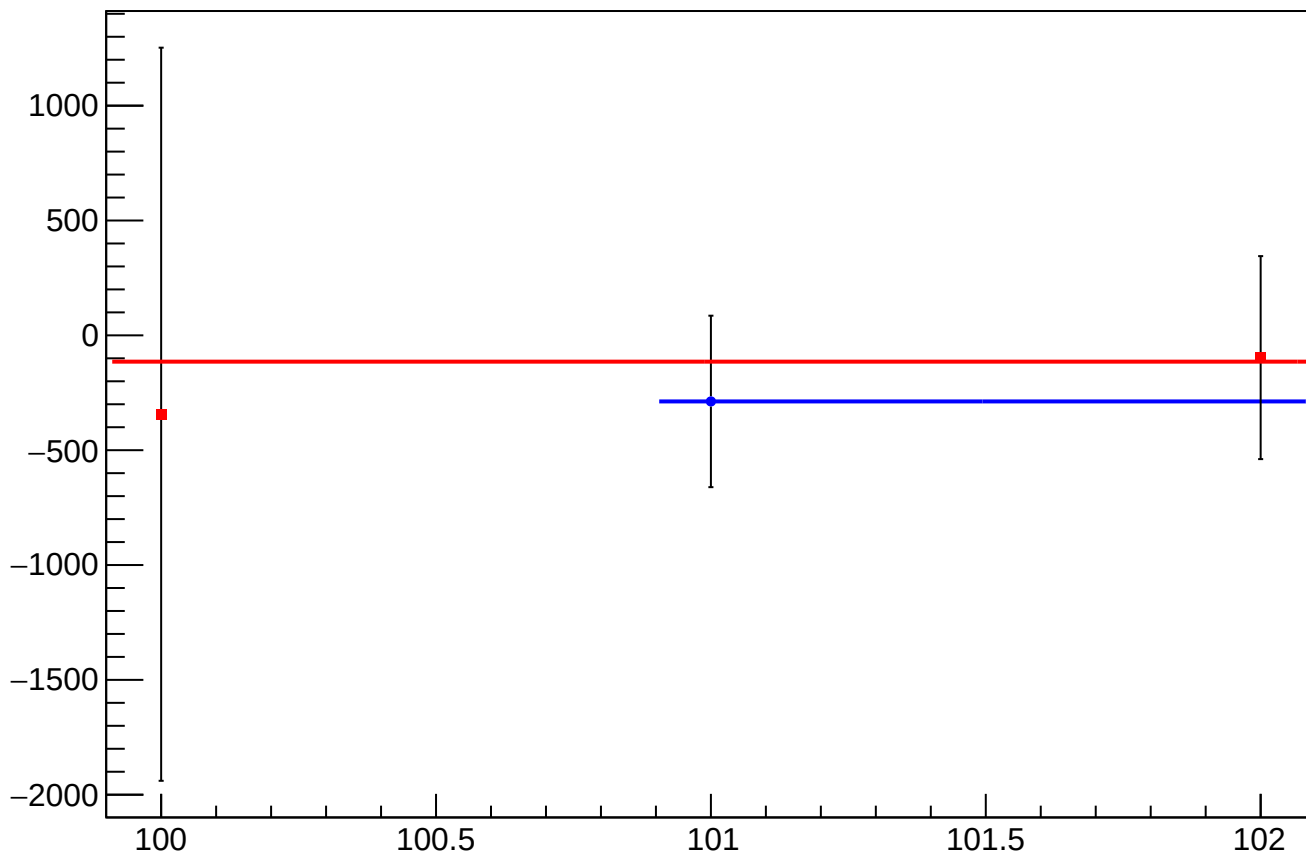
Right: 324.382 $\pm$ 0.199 χ^2 /NDF: 17795.4/2

In: 301.144 $\pm$ 0.265 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 324.382 $\pm$ 0.199 χ^2 /NDF: 17795.4/2

asym_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: -287.680 $\pm$ 373.272 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Right Out: -114.498 $\pm$ 425.878 χ^2/NDF : 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

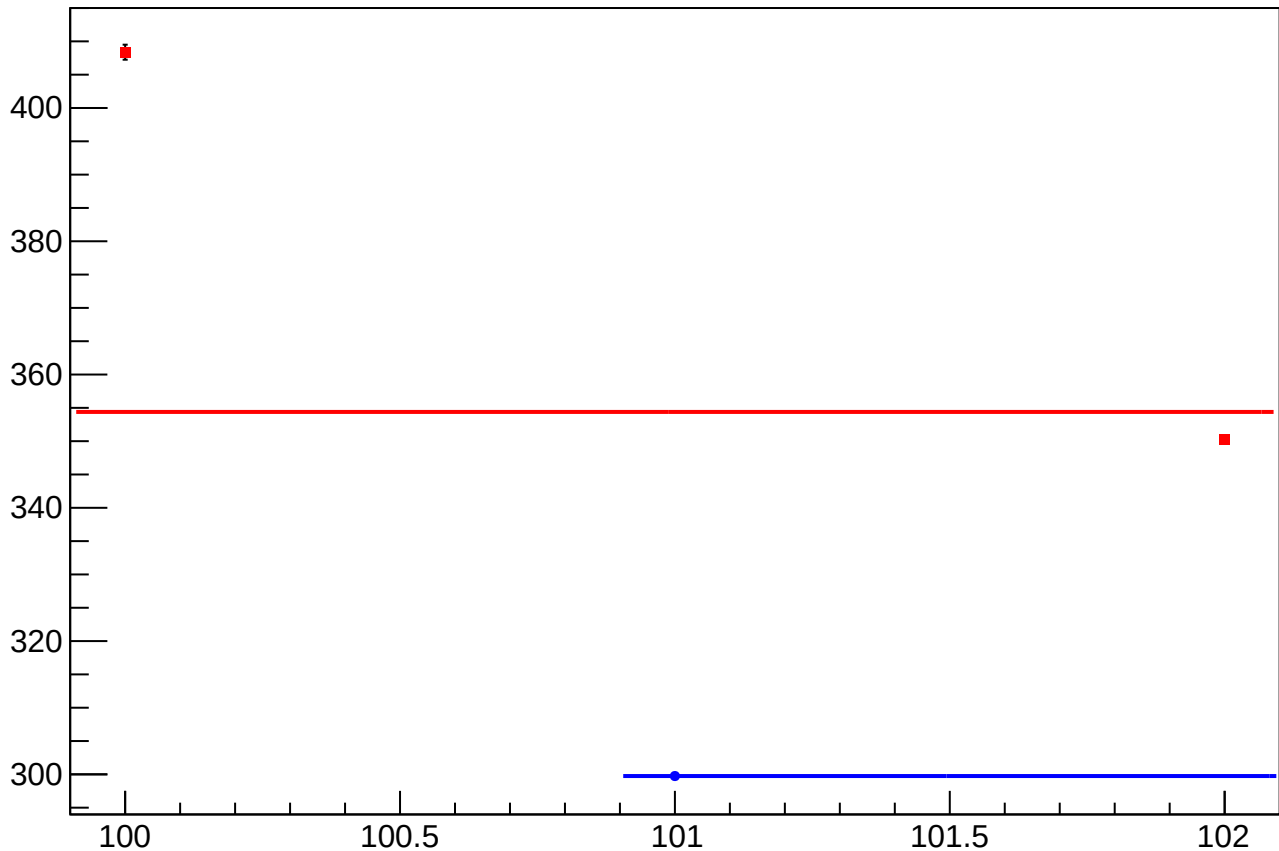
Right: -212.440 $\pm$ 280.711 χ^2/NDF : 0.1/2

In: -287.680 $\pm$ 373.272 χ^2/NDF :0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

All: -212.440 $\pm$ 280.711 χ^2/NDF : 0.1/2

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 299.747 $\pm$ 0.264 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 354.389 $\pm$ 0.301 χ^2 /NDF: 2463.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

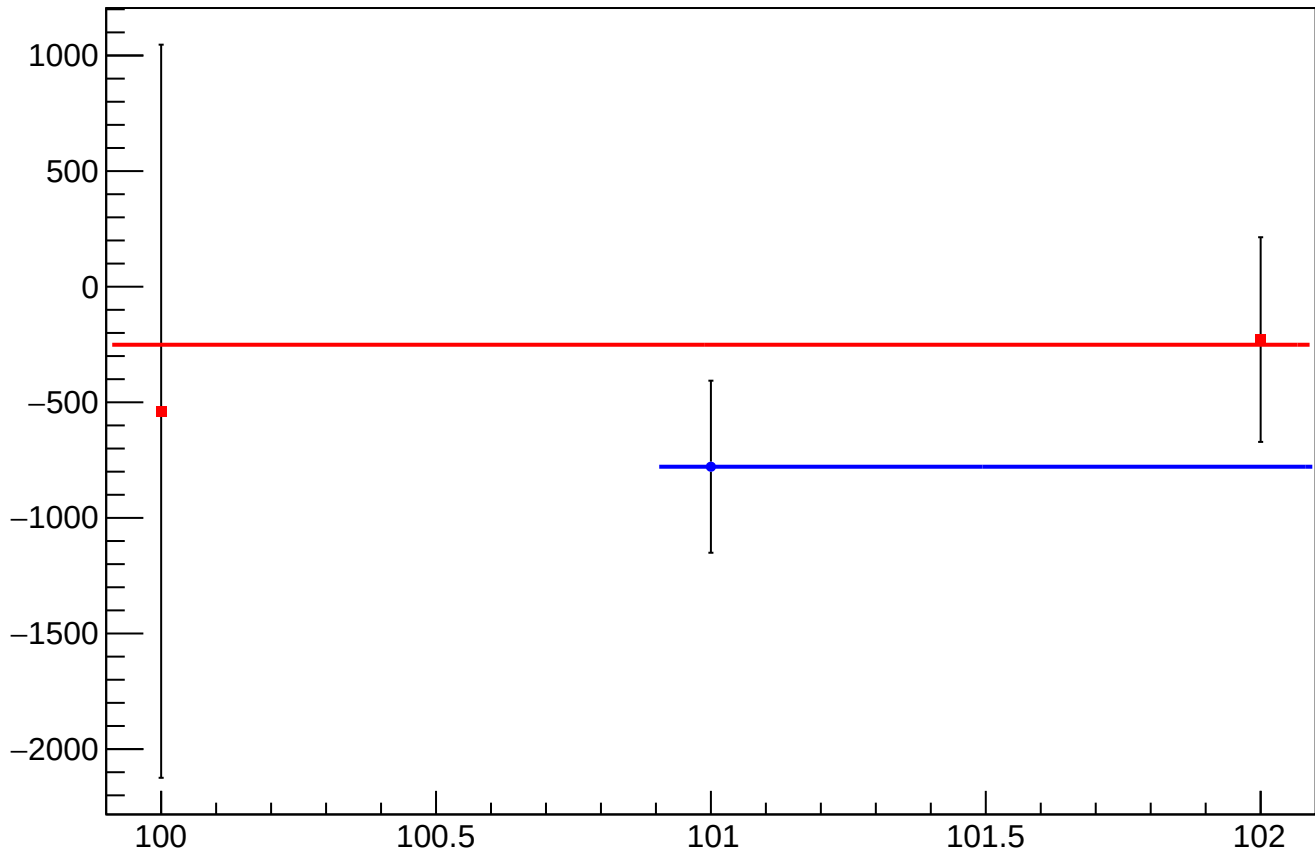
Right: 323.487 $\pm$ 0.198 χ^2 /NDF: 21083.6/2

In: 299.747 $\pm$ 0.264 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 323.487 $\pm$ 0.198 χ^2 /NDF: 21083.6/2

asym_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: -778.646+/-372.105 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -251.067+/-426.329 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

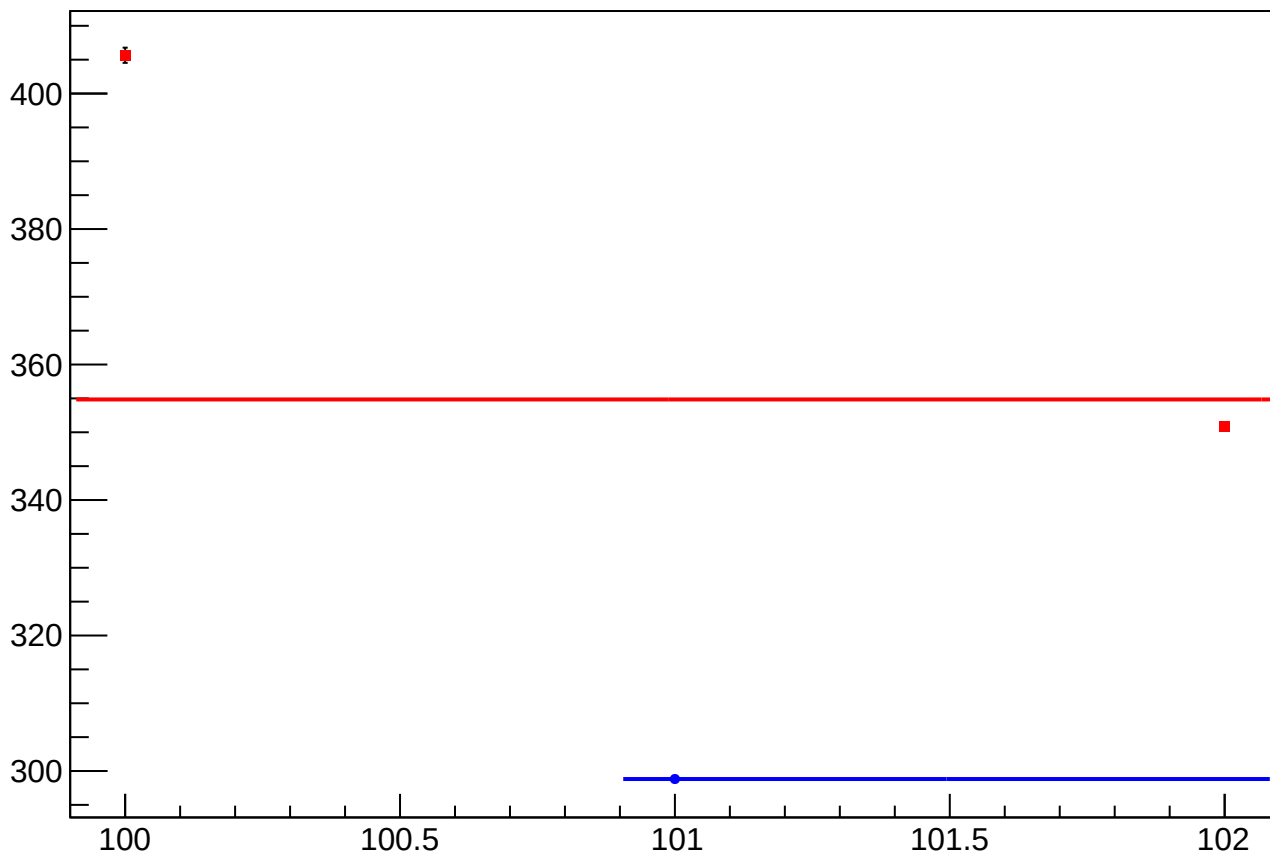
Right: -550.521+/-280.342 χ^2/NDF : 0.9/2

In: -778.646+/-372.105 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -550.521+/-280.342 χ^2/NDF : 0.9/2

asym_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 298.818 $\pm$ 0.263 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 354.846 $\pm$ 0.301 χ^2 /NDF: 2213.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

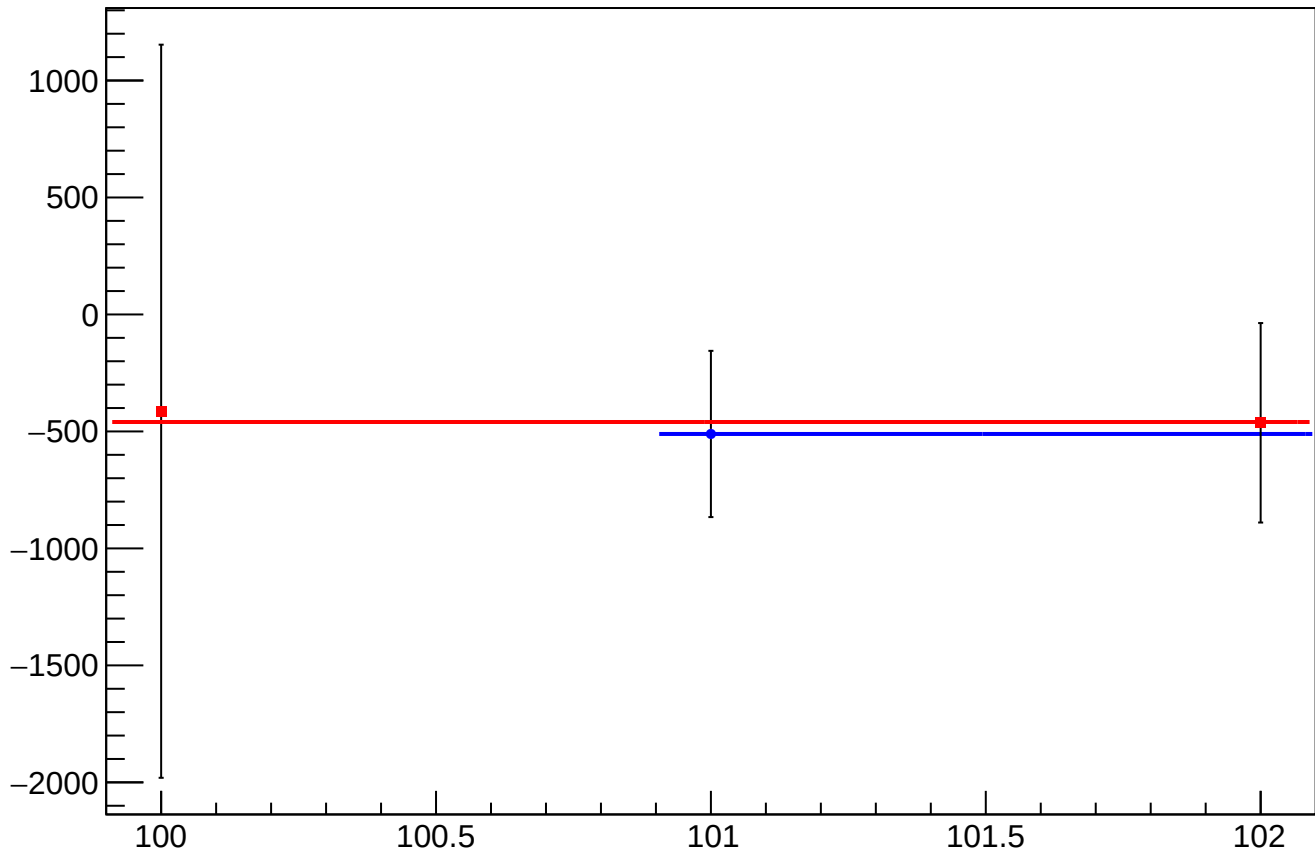
Right: 323.044 $\pm$ 0.198 χ^2 /NDF: 21819.8/2

In: 298.818 $\pm$ 0.263 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 323.044 $\pm$ 0.198 χ^2 /NDF: 21819.8/2

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: -510.842+/-355.291 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -459.675+/-411.359 χ^2 /NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

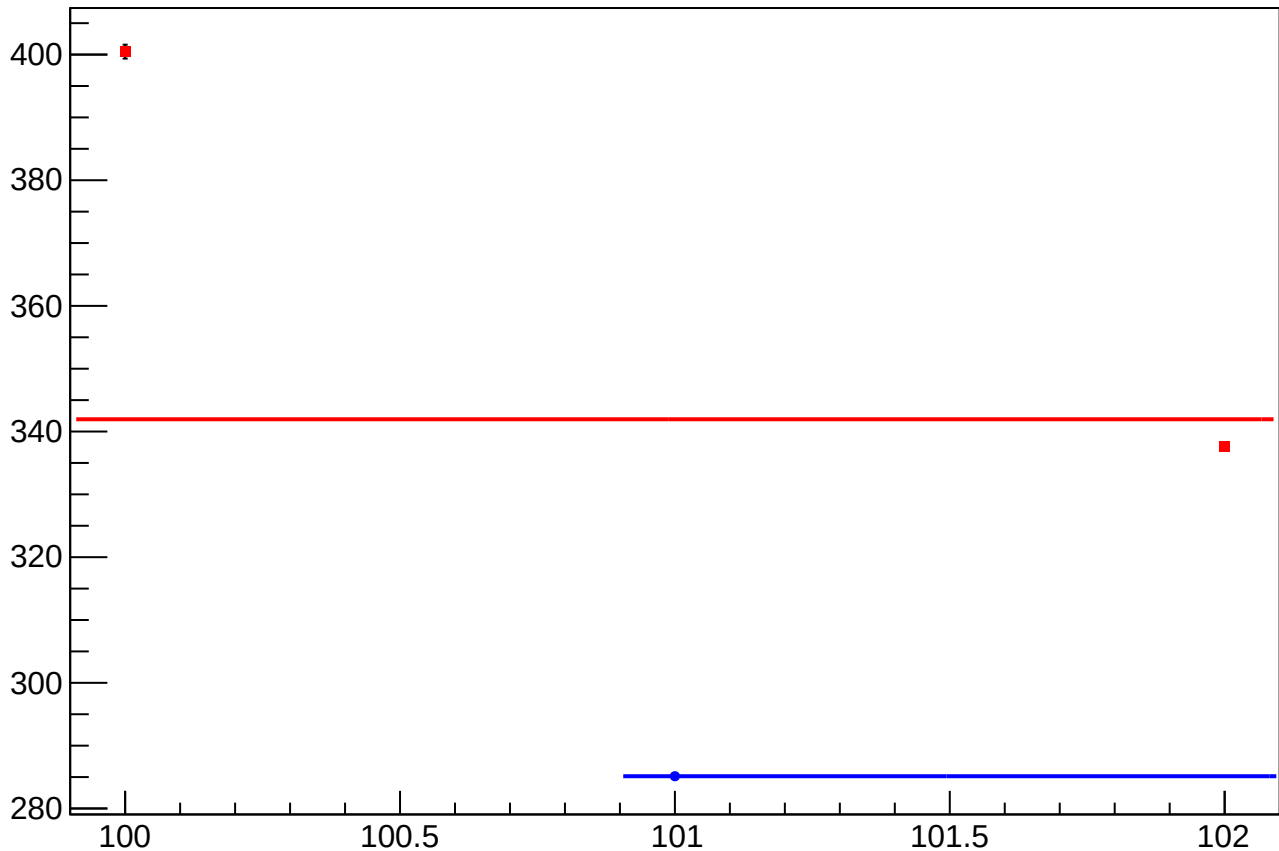
Right: -488.981+/-268.884 χ^2 /NDF: 0.0/2

In: -510.842+/-355.291 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -488.981+/-268.884 χ^2 /NDF: 0.0/2

asym_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 285.135 $\pm$ 0.251 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 341.952 $\pm$ 0.291 χ^2 /NDF: 2996.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

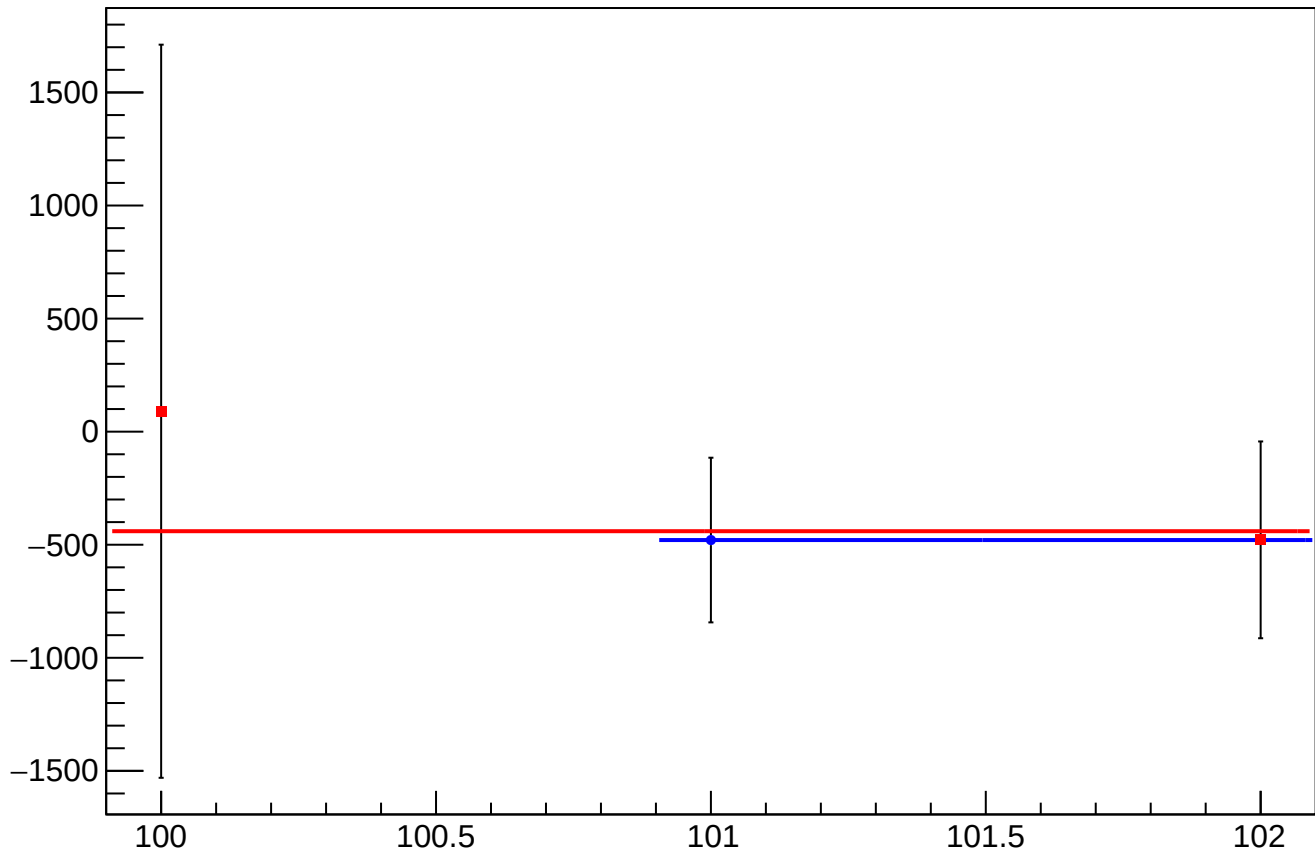
Right: 309.410 $\pm$ 0.190 χ^2 /NDF: 24848.5/2

In: 285.135 $\pm$ 0.251 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 309.410 $\pm$ 0.190 χ^2 /NDF: 24848.5/2

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: -479.307+/-364.091 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -440.193+/-420.240 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

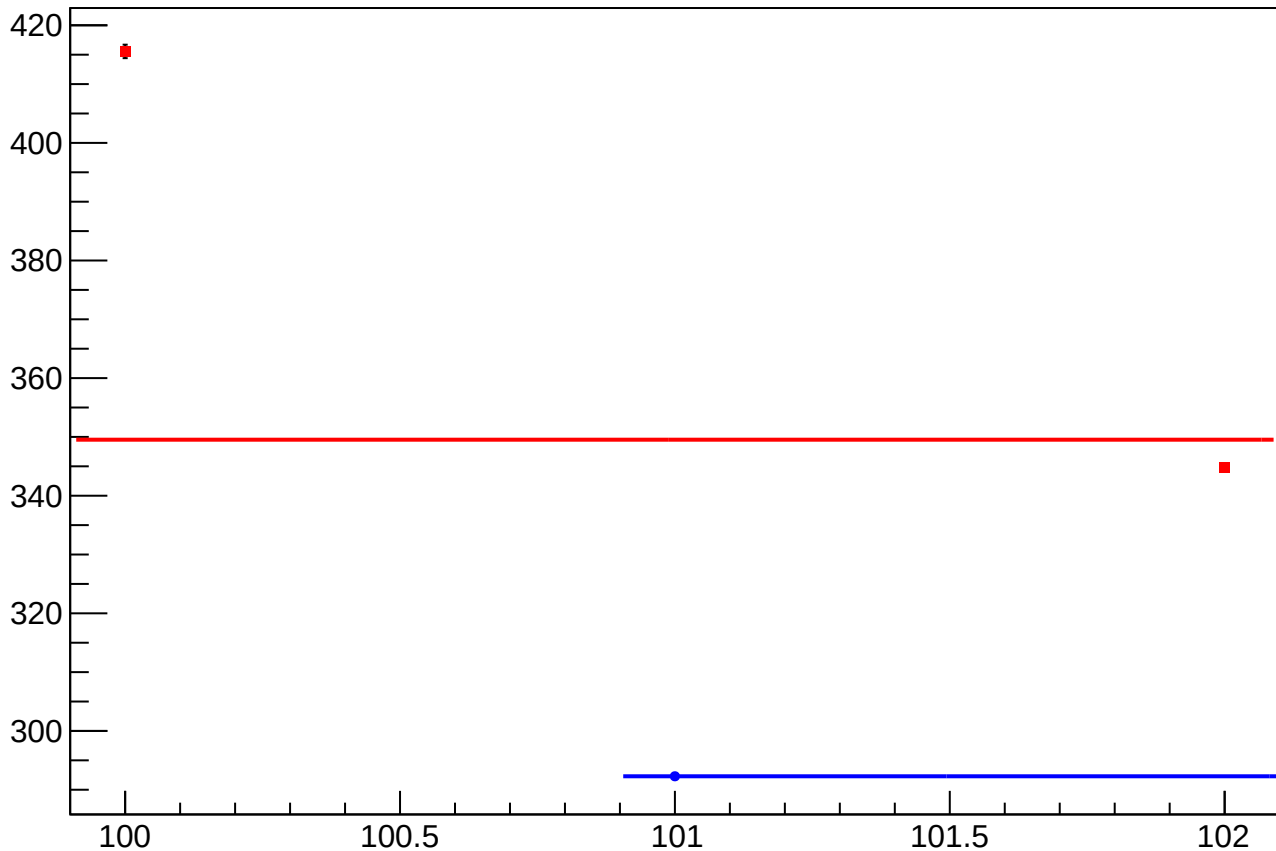
Right: -462.536+/-275.178 χ^2/NDF : 0.1/2

In: -479.307+/-364.091 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -462.536+/-275.178 χ^2/NDF : 0.1/2

asym_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 292.288 ± 0.257 χ^2/NDF : 0.0/0

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 349.527 ± 0.297 χ^2/NDF : 3557.8/1

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

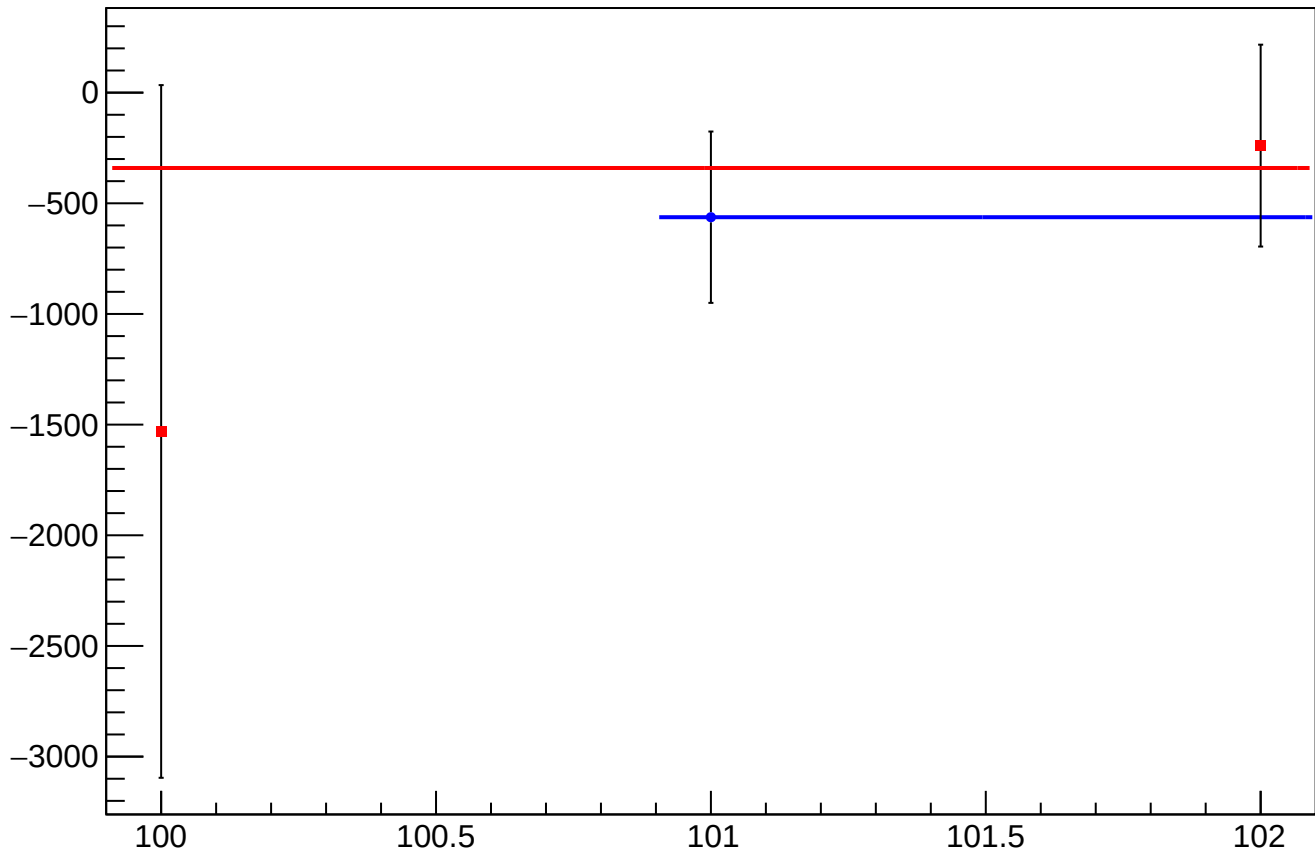
Right: 316.831 ± 0.195 χ^2/NDF : 24752.7/2

In: 292.288 ± 0.257 χ^2/NDF : 0.0/0

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 316.831 ± 0.195 χ^2/NDF : 24752.7/2

asym_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: -562.862 $\pm$ 387.090 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -340.494 $\pm$ 437.863 χ^2 /NDF: 0.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

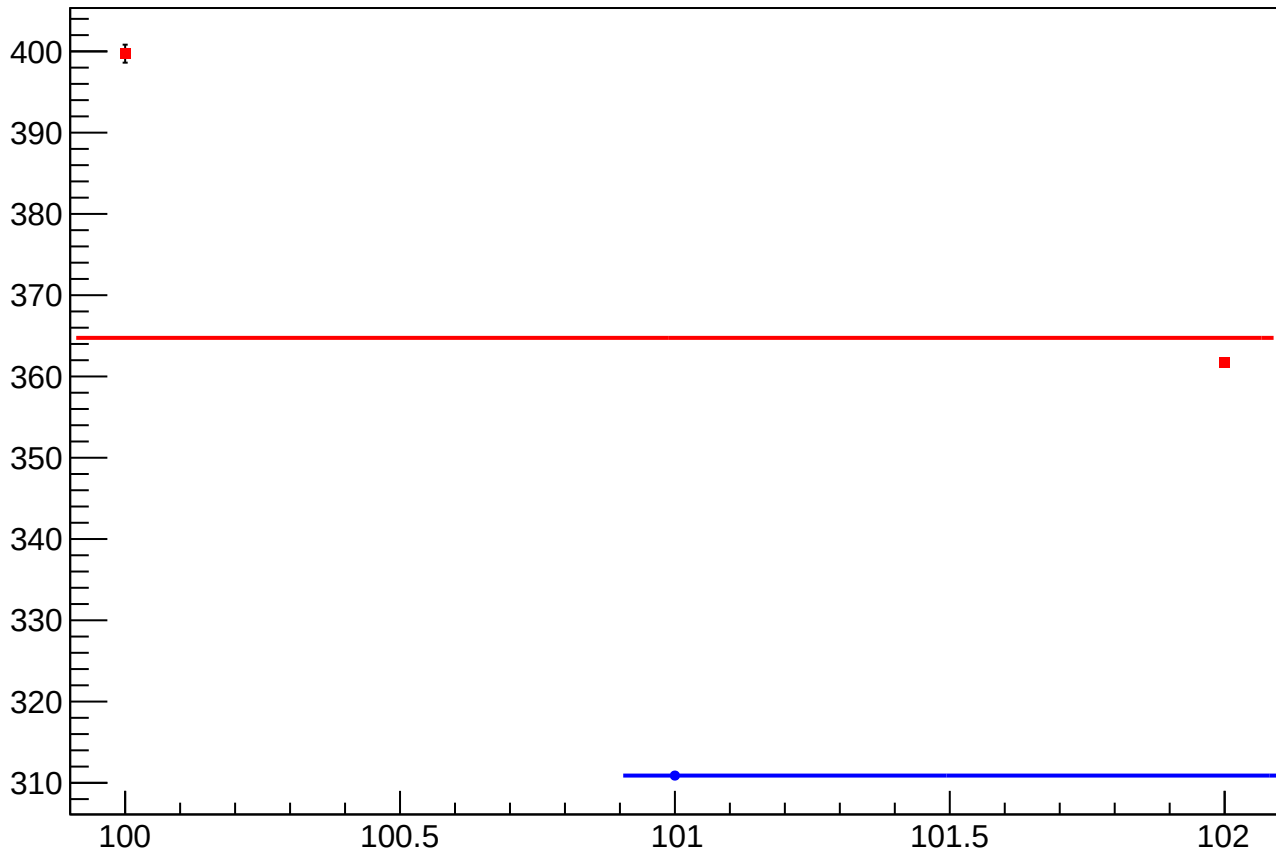
Right: -465.312 $\pm$ 290.011 χ^2 /NDF: 0.8/2

In: -562.862 $\pm$ 387.090 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -465.312 $\pm$ 290.011 χ^2 /NDF: 0.8/2

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 310.894 $\pm$ 0.274 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 364.749 $\pm$ 0.310 χ^2 /NDF: 1083.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

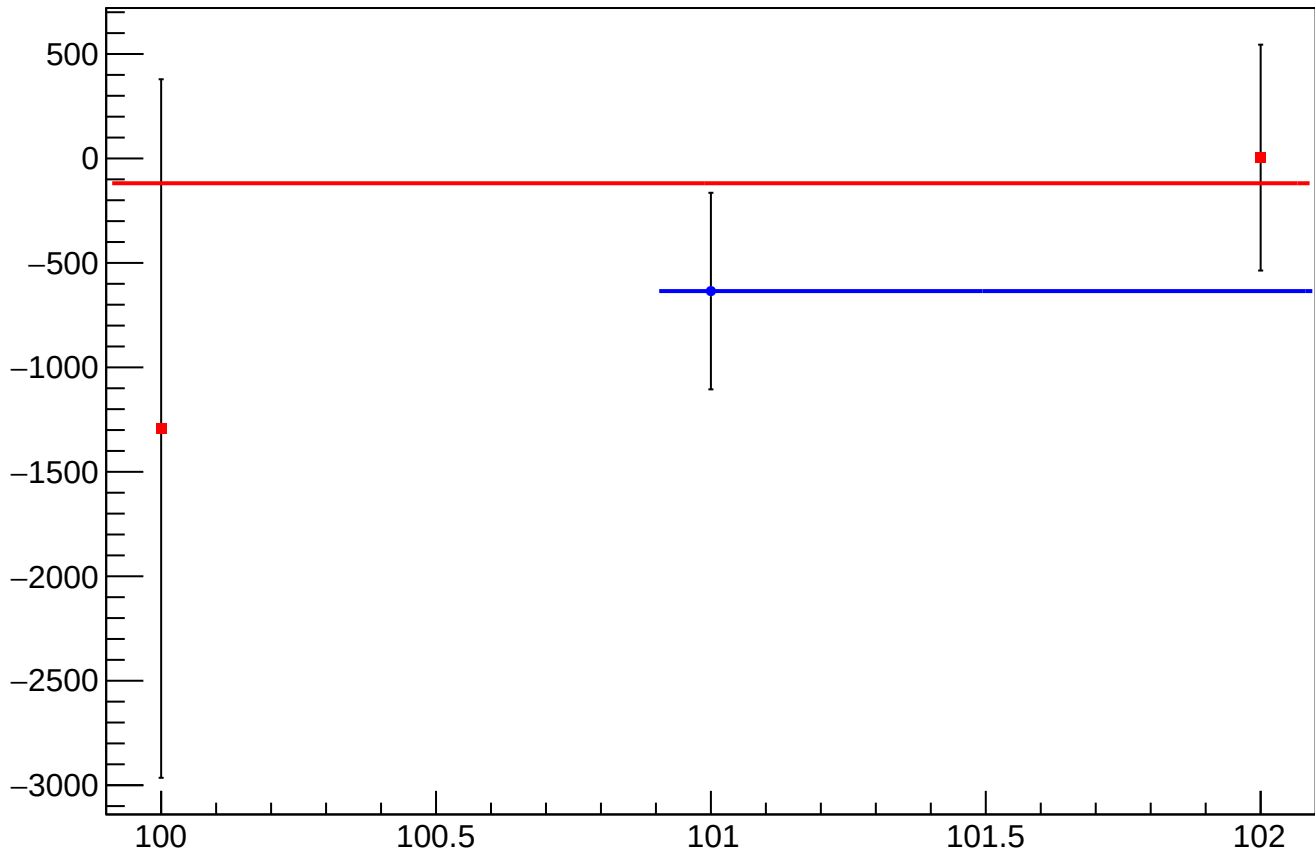
Right: 334.520 $\pm$ 0.205 χ^2 /NDF: 18066.2/2

In: 310.894 $\pm$ 0.274 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 334.520 $\pm$ 0.205 χ^2 /NDF: 18066.2/2

asym_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: -634.796+/-470.480 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -118.657+/-514.364 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

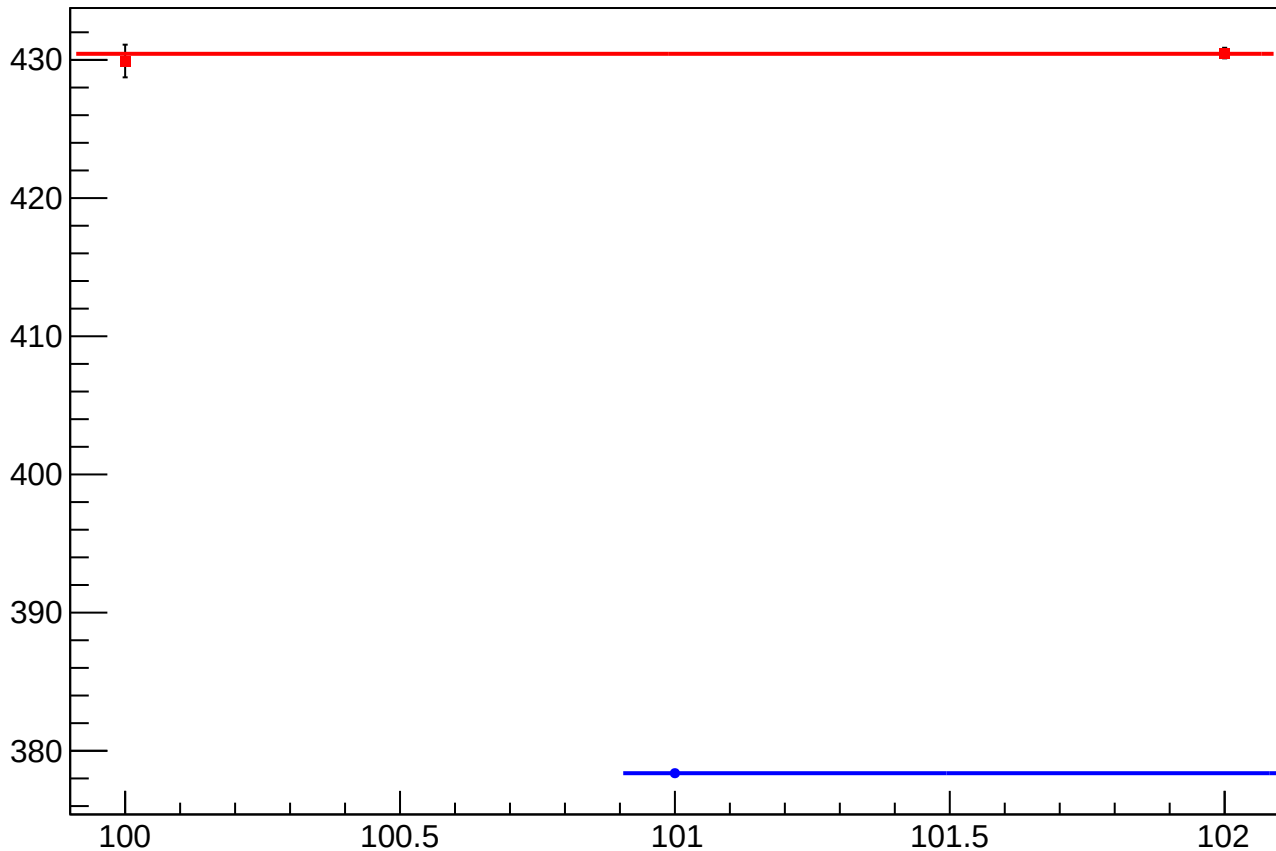
Right: -399.680+/-347.159 χ^2/NDF : 1.1/2

In: -634.796+/-470.480 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -399.680+/-347.159 χ^2/NDF : 1.1/2

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 378.379 $\pm$ 0.333 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 430.442 $\pm$ 0.364 χ^2/NDF : 0.2/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

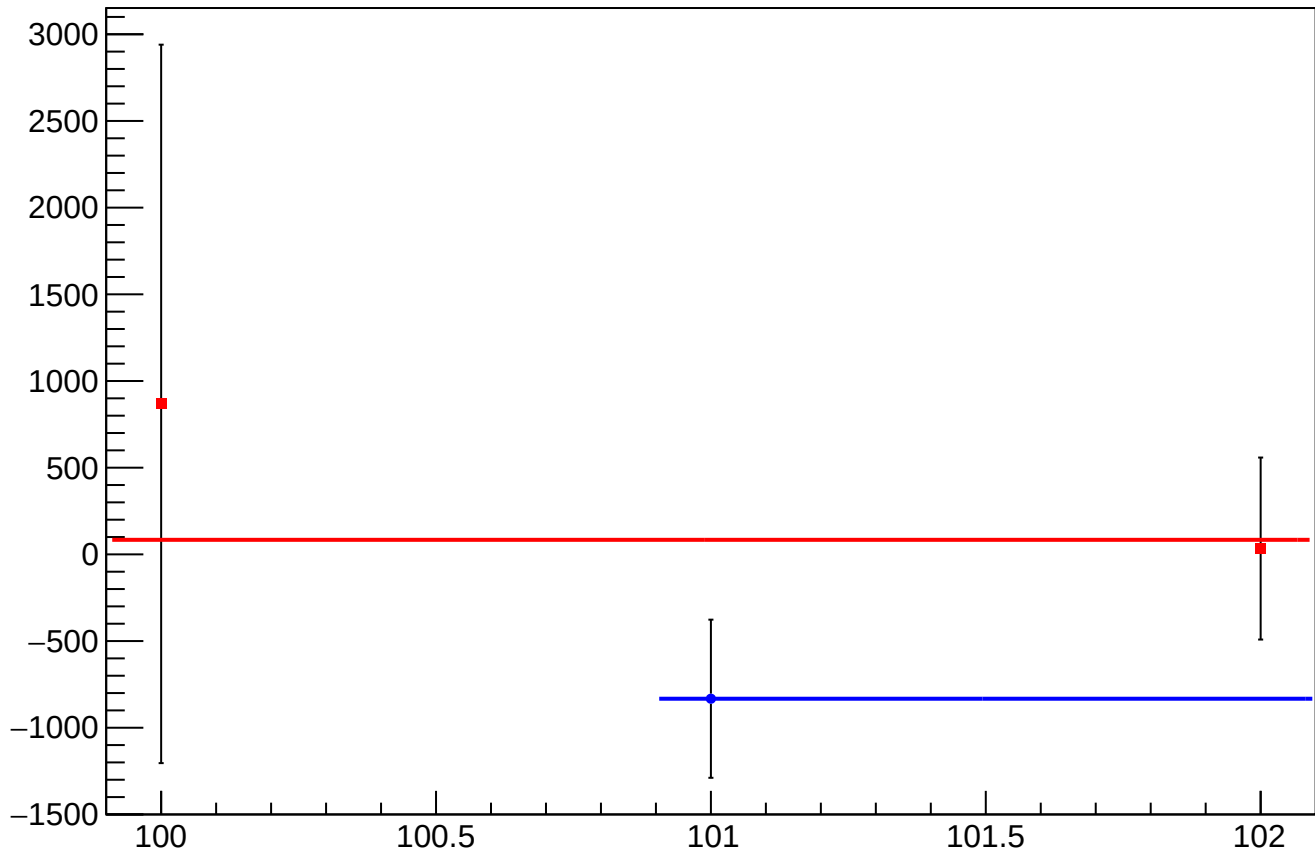
Right: 402.095 $\pm$ 0.245 χ^2/NDF : 11156.4/2

In: 378.379 $\pm$ 0.333 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 402.095 $\pm$ 0.245 χ^2/NDF : 11156.4/2

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -832.686+/-456.078 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 83.892+/-508.825 χ^2 /NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

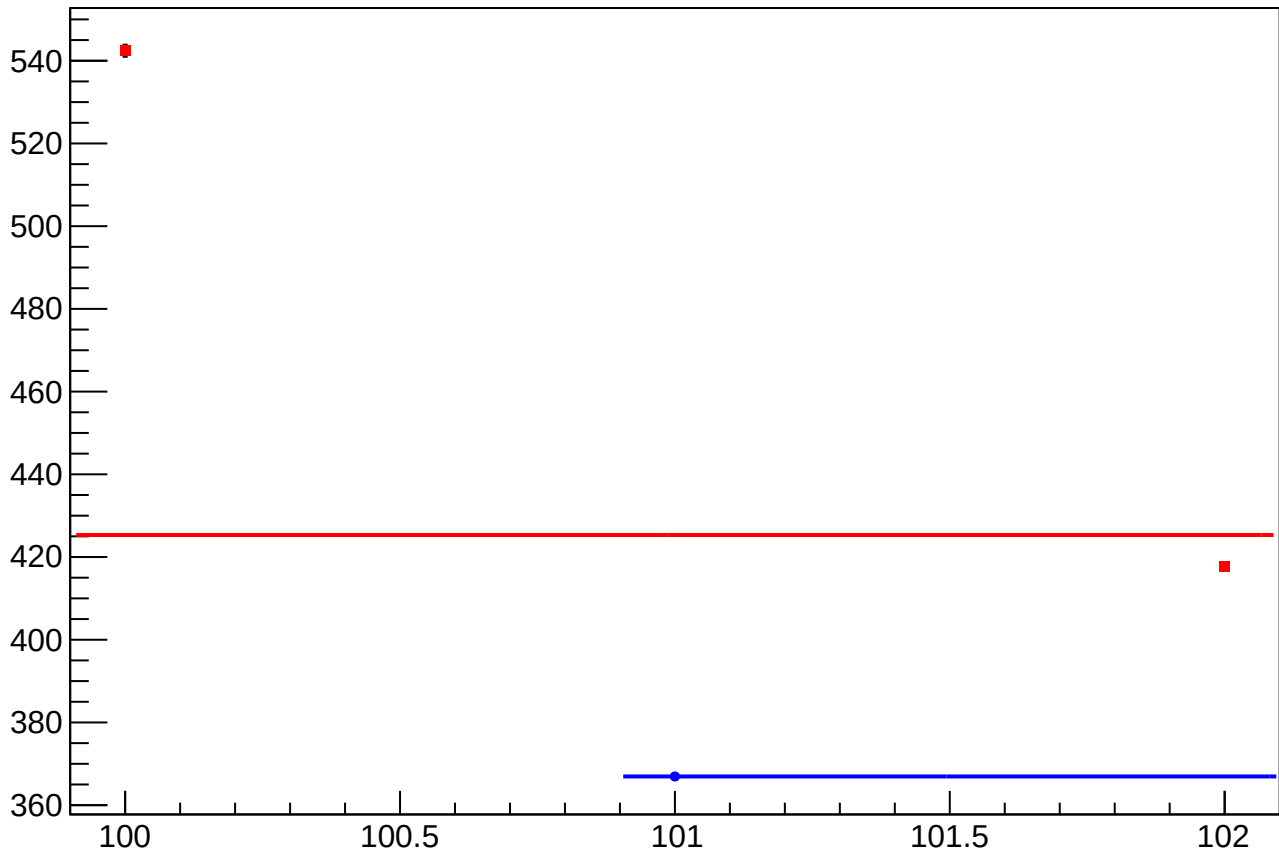
Right: -424.353+/-339.618 χ^2 /NDF: 2.0/2

In: -832.686+/-456.078 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -424.353+/-339.618 χ^2 /NDF: 2.0/2

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 366.940 $\pm$ 0.322 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 425.323 $\pm$ 0.360 χ^2 /NDF: 6797.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

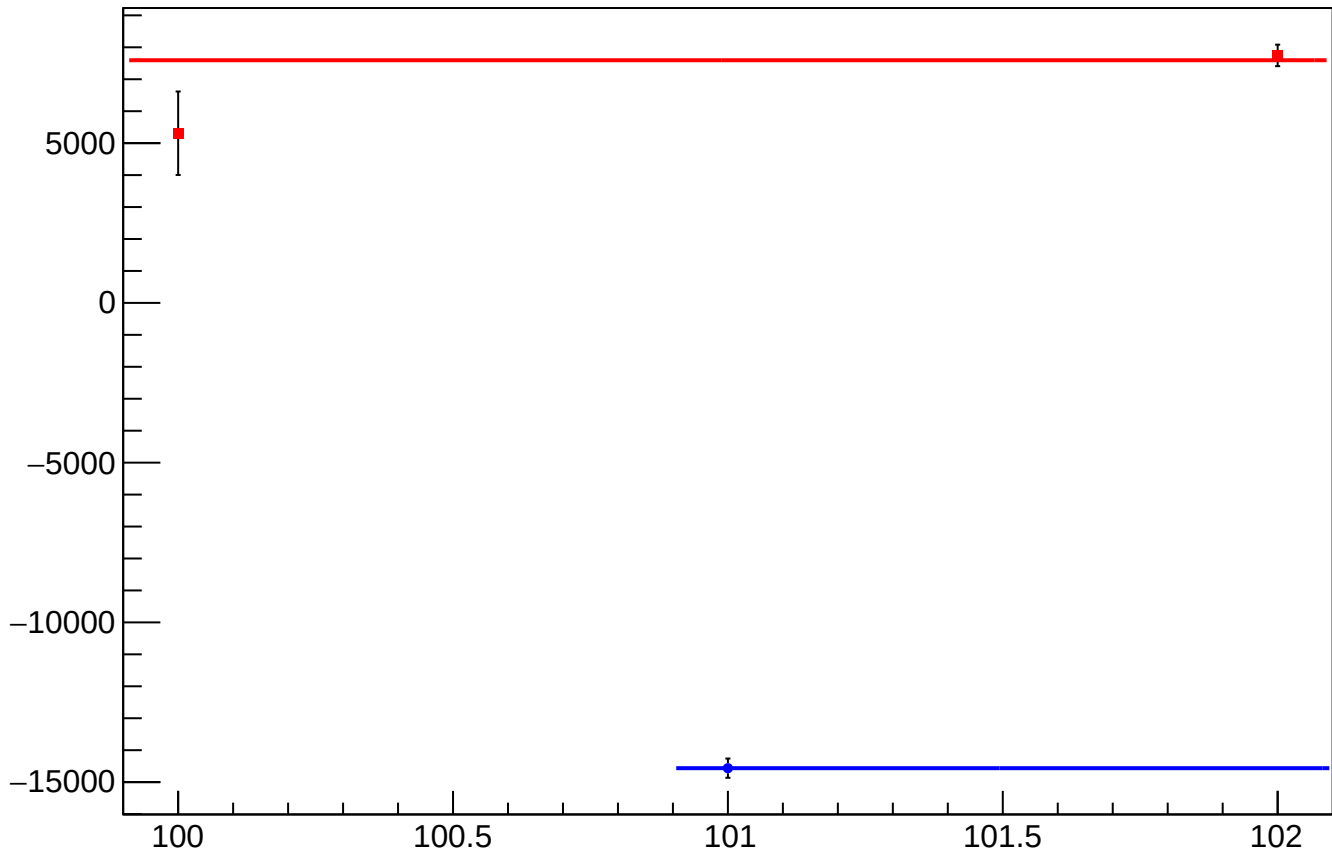
Right: 392.950 $\pm$ 0.240 χ^2 /NDF: 21398.0/2

In: 366.940 $\pm$ 0.322 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 392.950 $\pm$ 0.240 χ^2 /NDF: 21398.0/2

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: -14563.057 +/- 301.132 χ^2/NDF : 0.0/0

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 7595.190 +/- 325.388 χ^2/NDF : 3.3/1

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

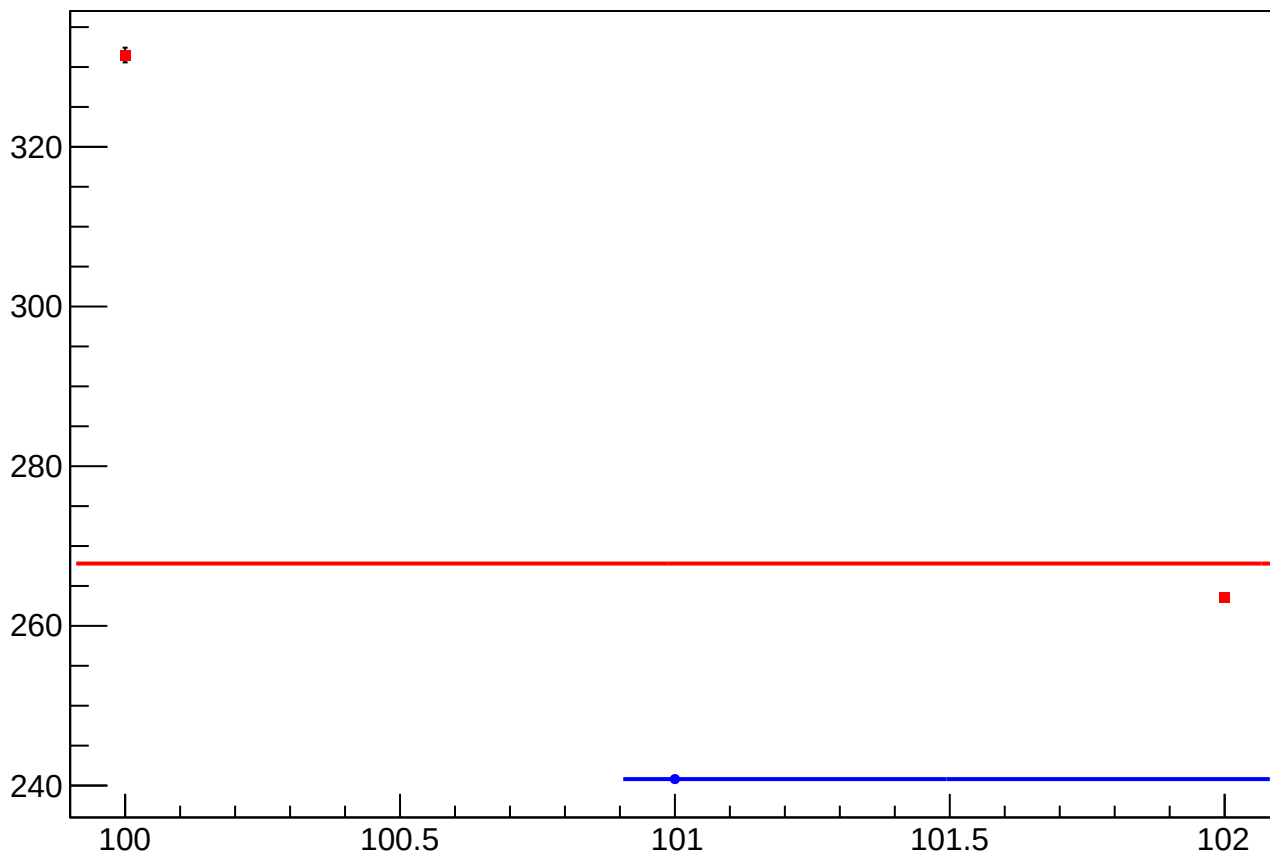
Right: -4340.498 +/- 221.011 χ^2/NDF : 2501.2/2

In: -14563.057 +/- 301.132 χ^2/NDF : 0.0/0

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -4340.498 +/- 221.011 χ^2/NDF : 2501.2/2

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 240.808 $\pm$ 0.213 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 267.808 $\pm$ 0.230 χ^2 /NDF: 5070.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

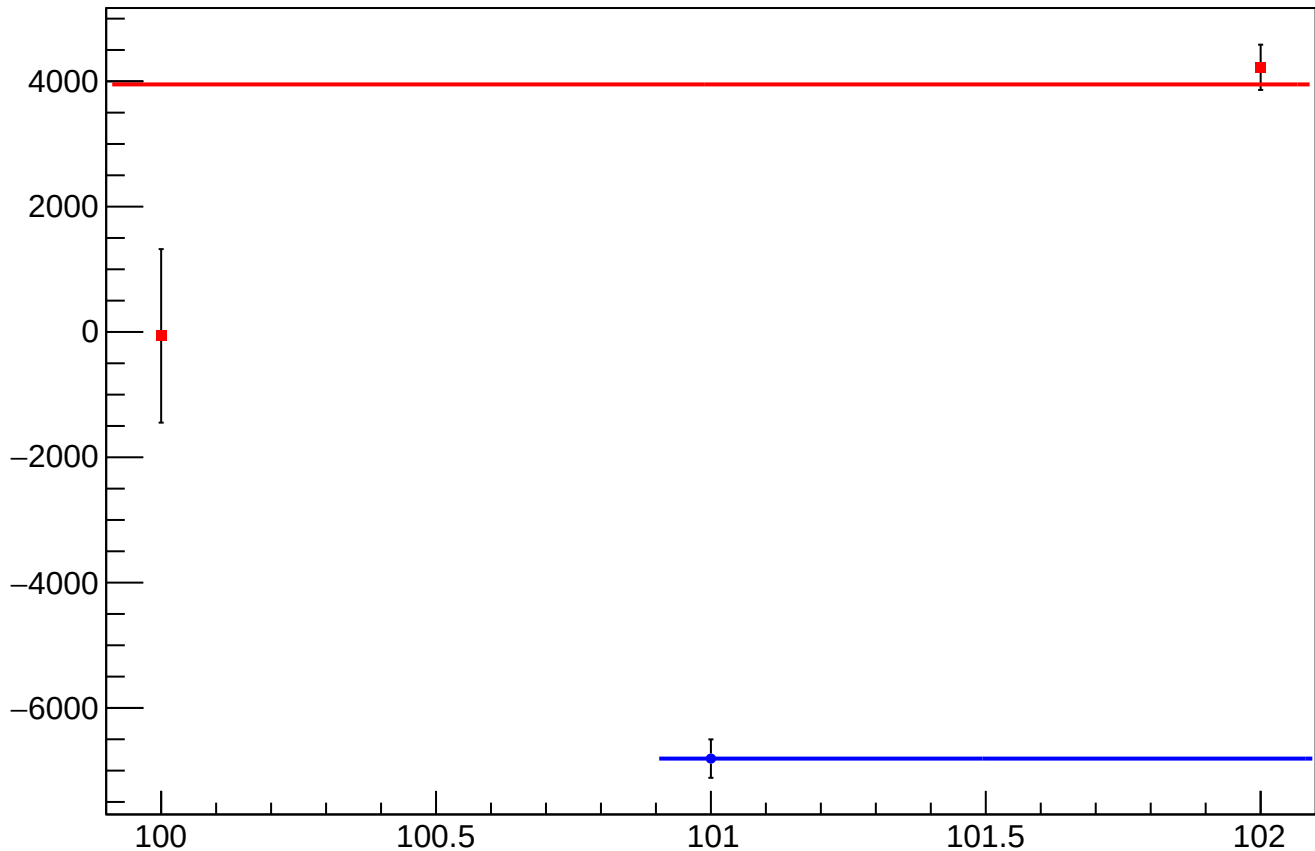
Right: 253.264 $\pm$ 0.156 χ^2 /NDF: 12488.7/2

In: 240.808 $\pm$ 0.213 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 253.264 $\pm$ 0.156 χ^2 /NDF: 12488.7/2

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: -6808.103+/-306.531 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3950.434+/-349.435 χ^2/NDF : 9.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

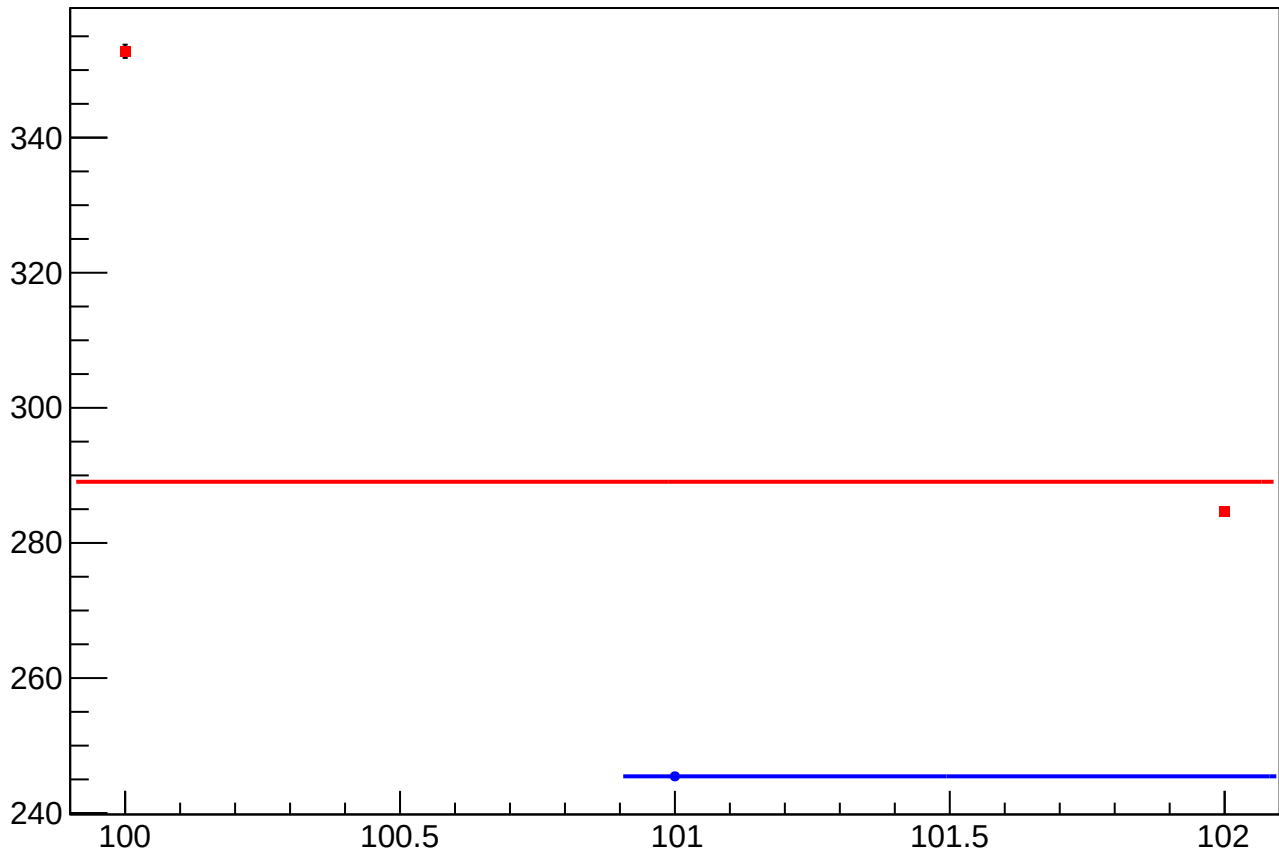
Right: -2129.498+/-230.434 χ^2/NDF : 544.7/2

In: -6808.103+/-306.531 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2129.498+/-230.434 χ^2/NDF : 544.7/2

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 245.454+/-0.217 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 289.058+/-0.247 χ^2/NDF : 4525.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

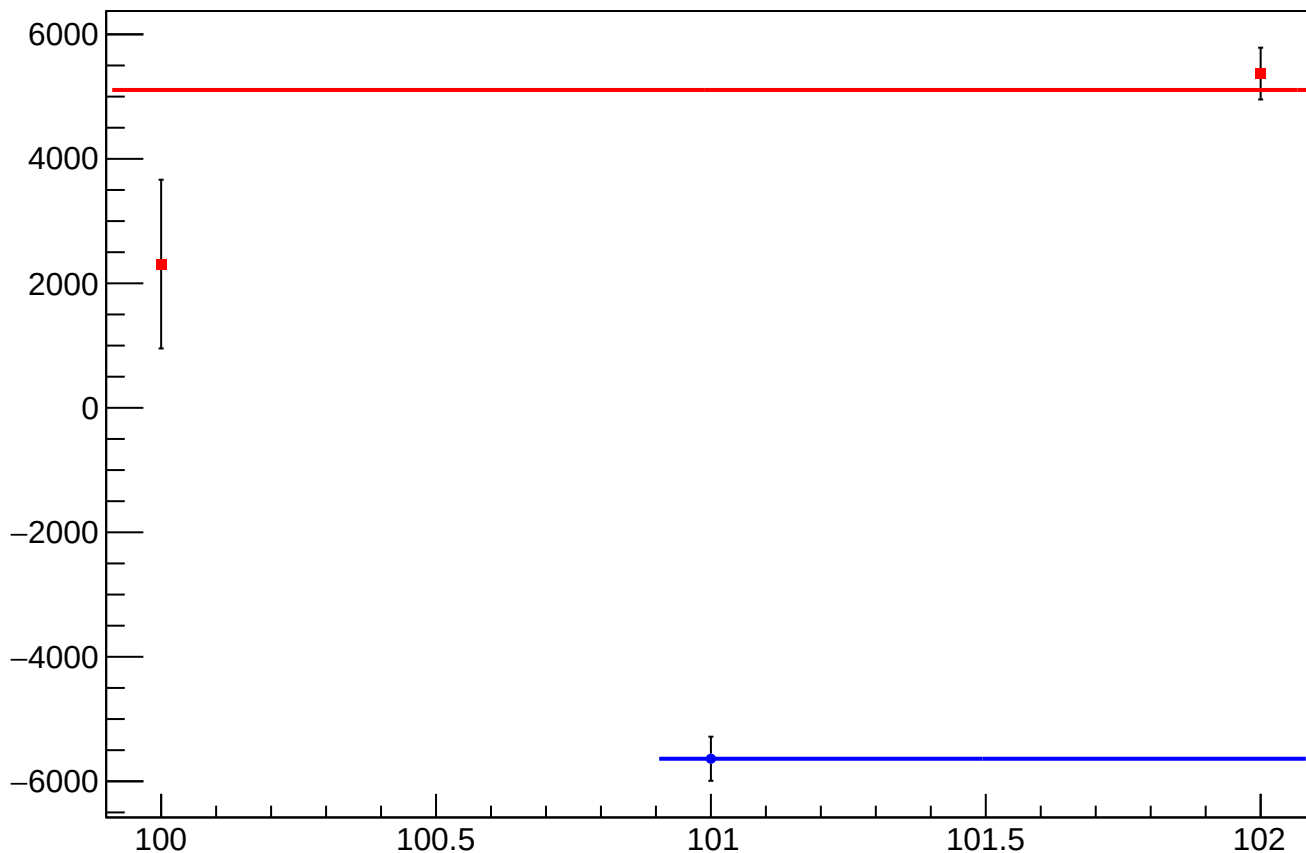
Right: 264.417+/-0.163 χ^2/NDF : 22124.7/2

In: 245.454+/-0.217 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 264.417+/-0.163 χ^2/NDF : 22124.7/2

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: -5637.662+/-354.270 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5106.723+/-397.698 χ^2/NDF : 4.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

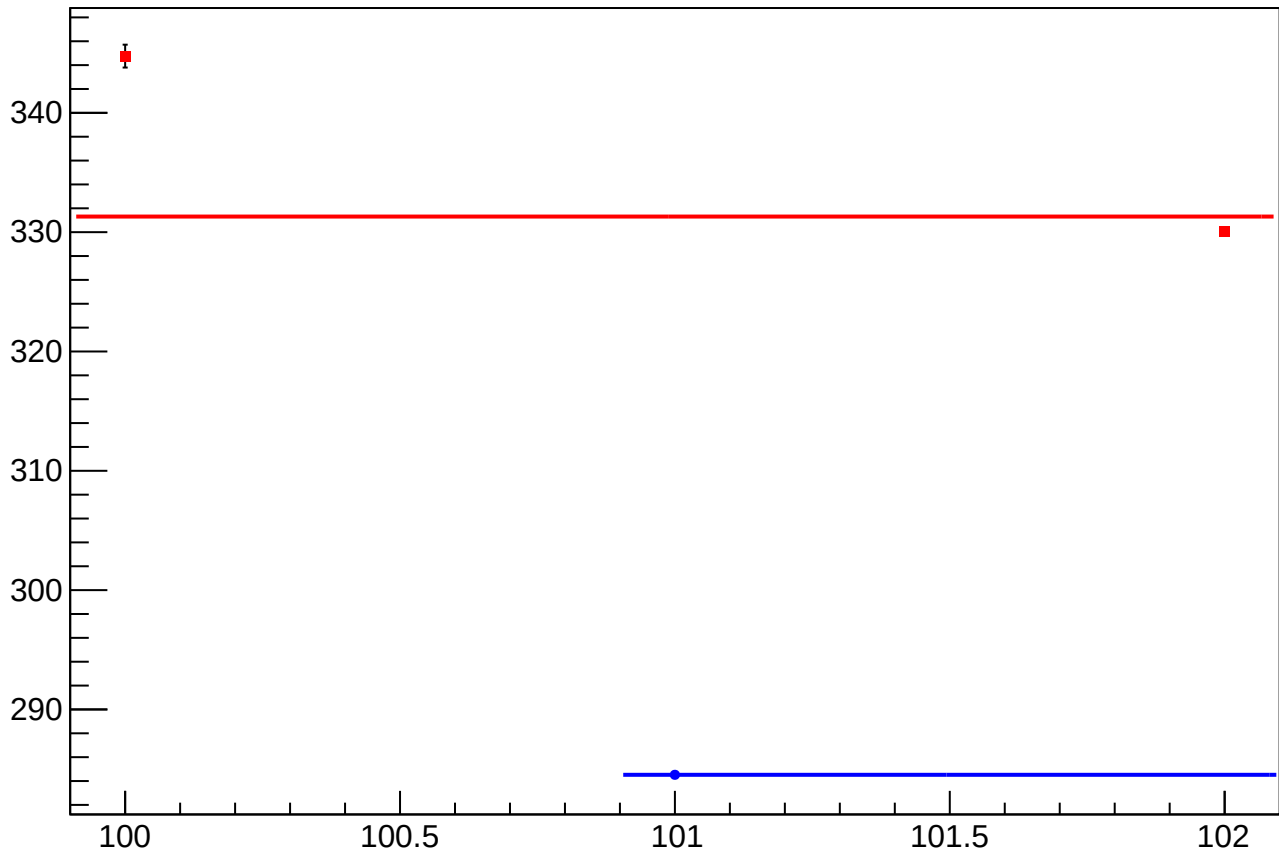
Right: -883.920+/-264.533 χ^2/NDF : 411.6/2

In: -5637.662+/-354.270 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -883.920+/-264.533 χ^2/NDF : 411.6/2

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 284.522 $\pm$ 0.251 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 331.308 $\pm$ 0.281 χ^2 /NDF: 215.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

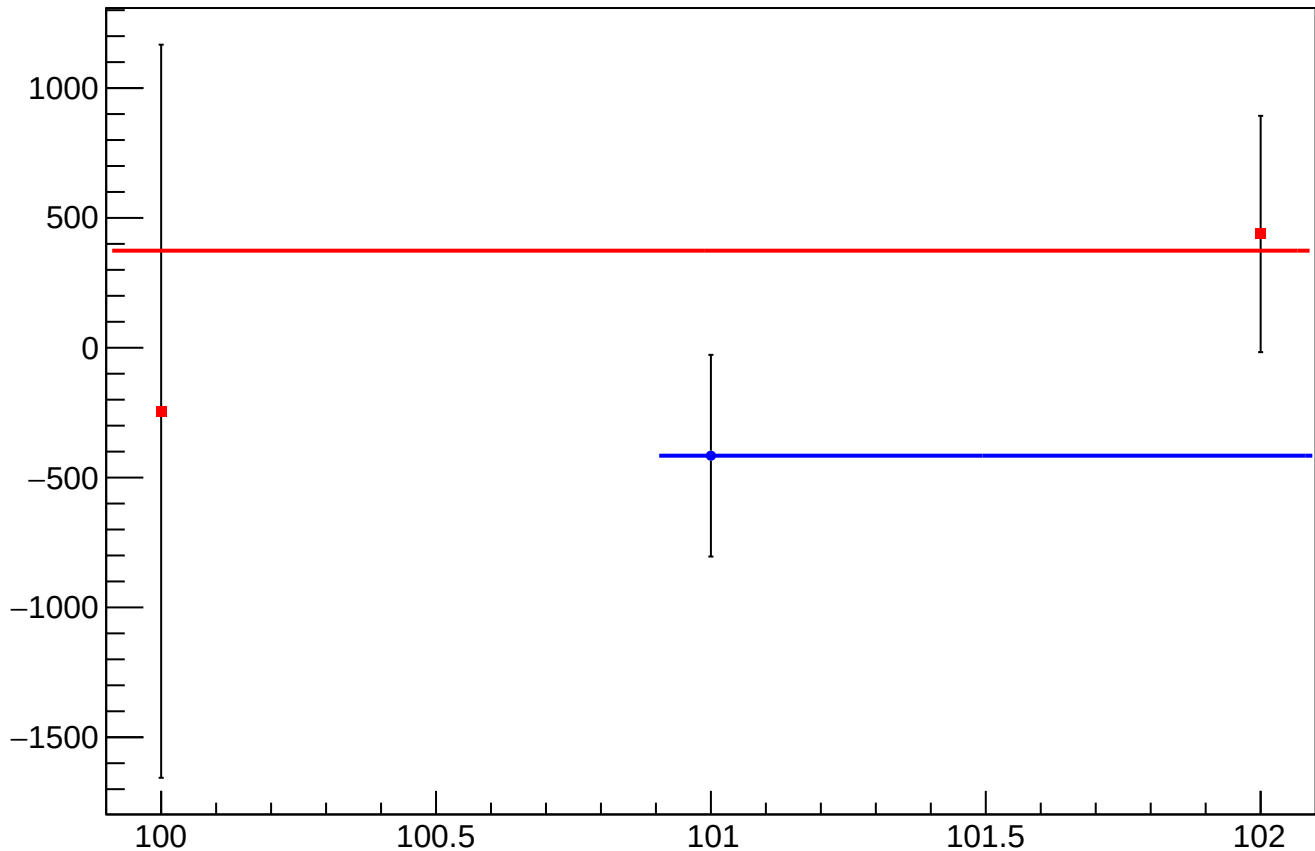
Right: 305.222 $\pm$ 0.187 χ^2 /NDF: 15648.5/2

In: 284.522 $\pm$ 0.251 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 305.222 $\pm$ 0.187 χ^2 /NDF: 15648.5/2

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -415.703+/-388.400 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 373.848+/-433.114 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

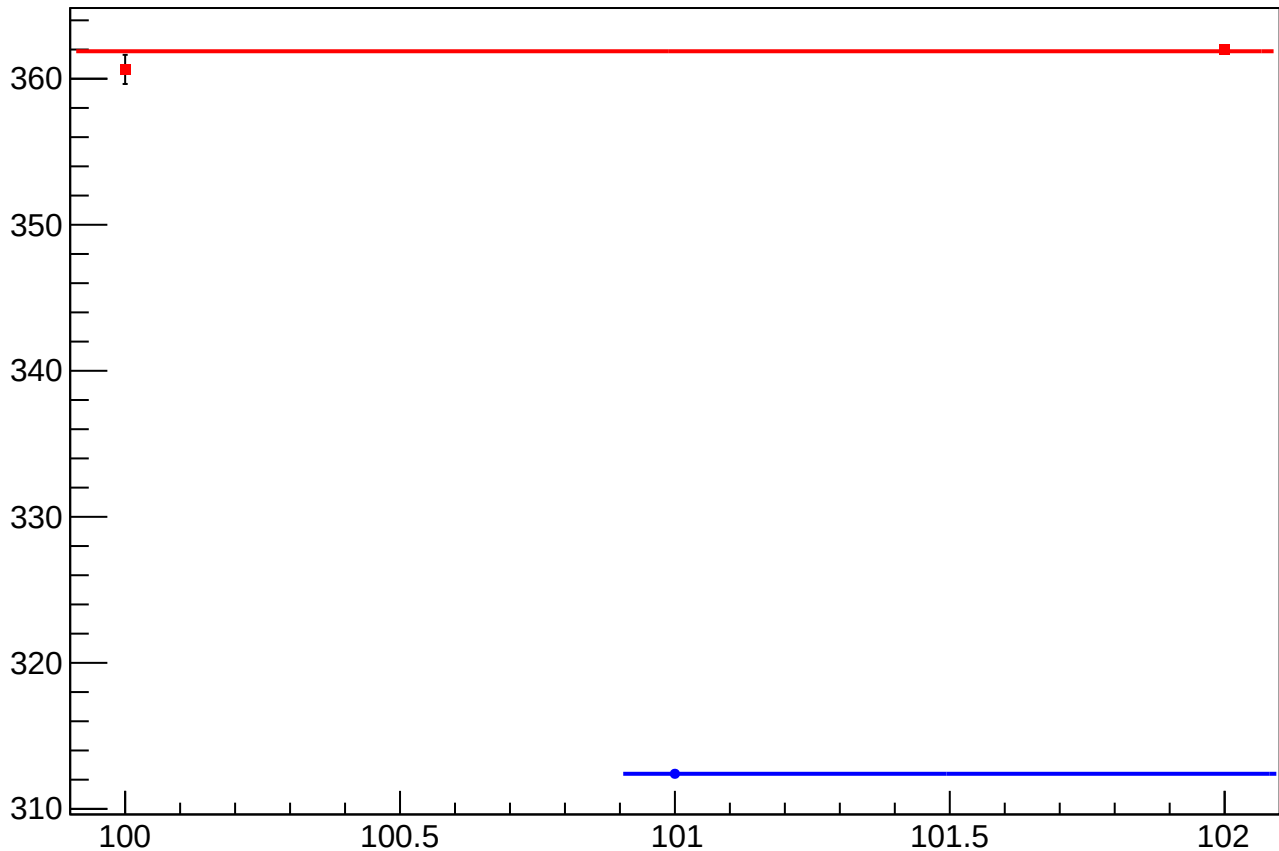
Right: -63.775+/-289.161 χ^2/NDF : 2.1/2

In: -415.703+/-388.400 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -63.775+/-289.161 χ^2/NDF : 2.1/2

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 312.404 $\pm$ 0.275 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 361.882 $\pm$ 0.306 χ^2 /NDF: 1.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

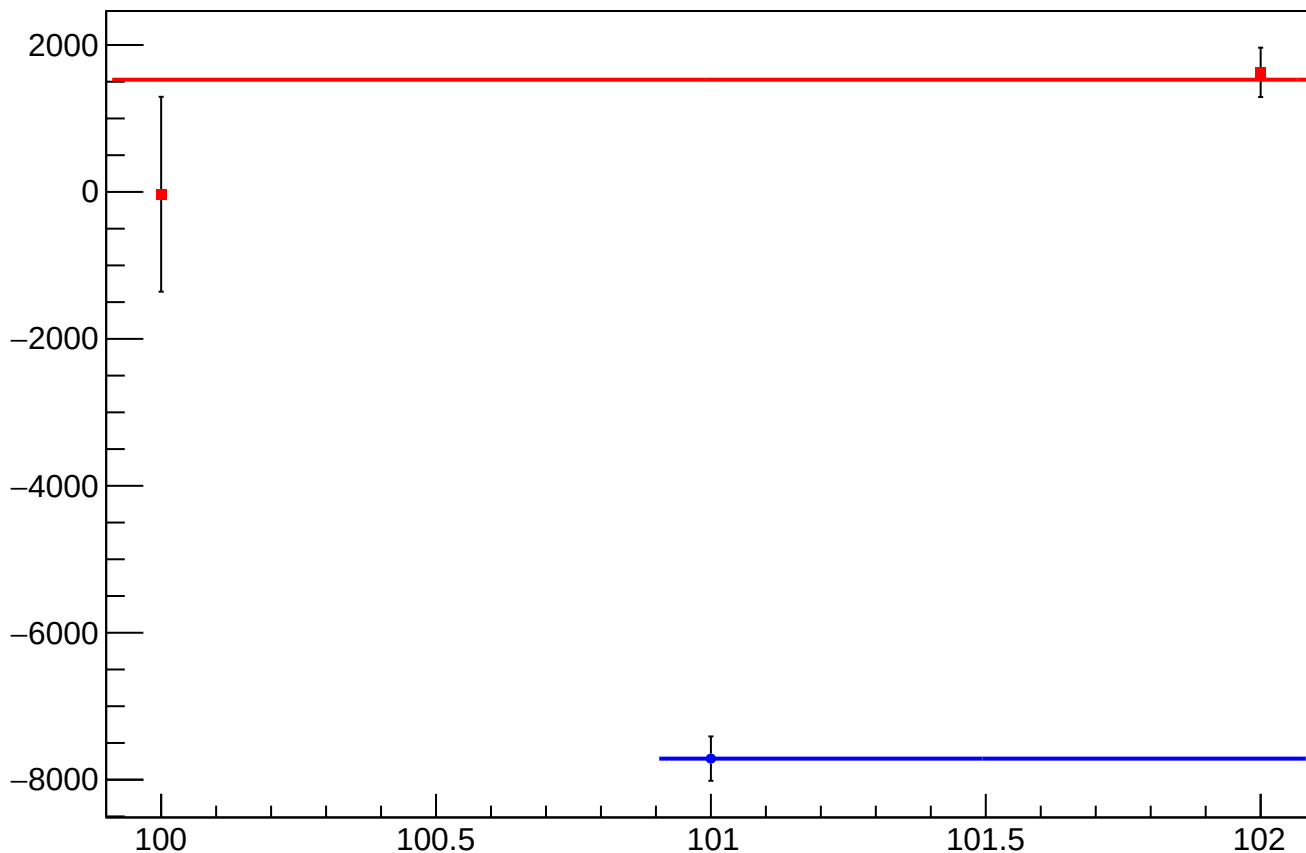
Right: 334.458 $\pm$ 0.204 χ^2 /NDF: 14468.6/2

In: 312.404 $\pm$ 0.275 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 334.458 $\pm$ 0.204 χ^2 /NDF: 14468.6/2

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -7713.224+/-301.805 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1527.576+/-325.631 χ^2/NDF : 1.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

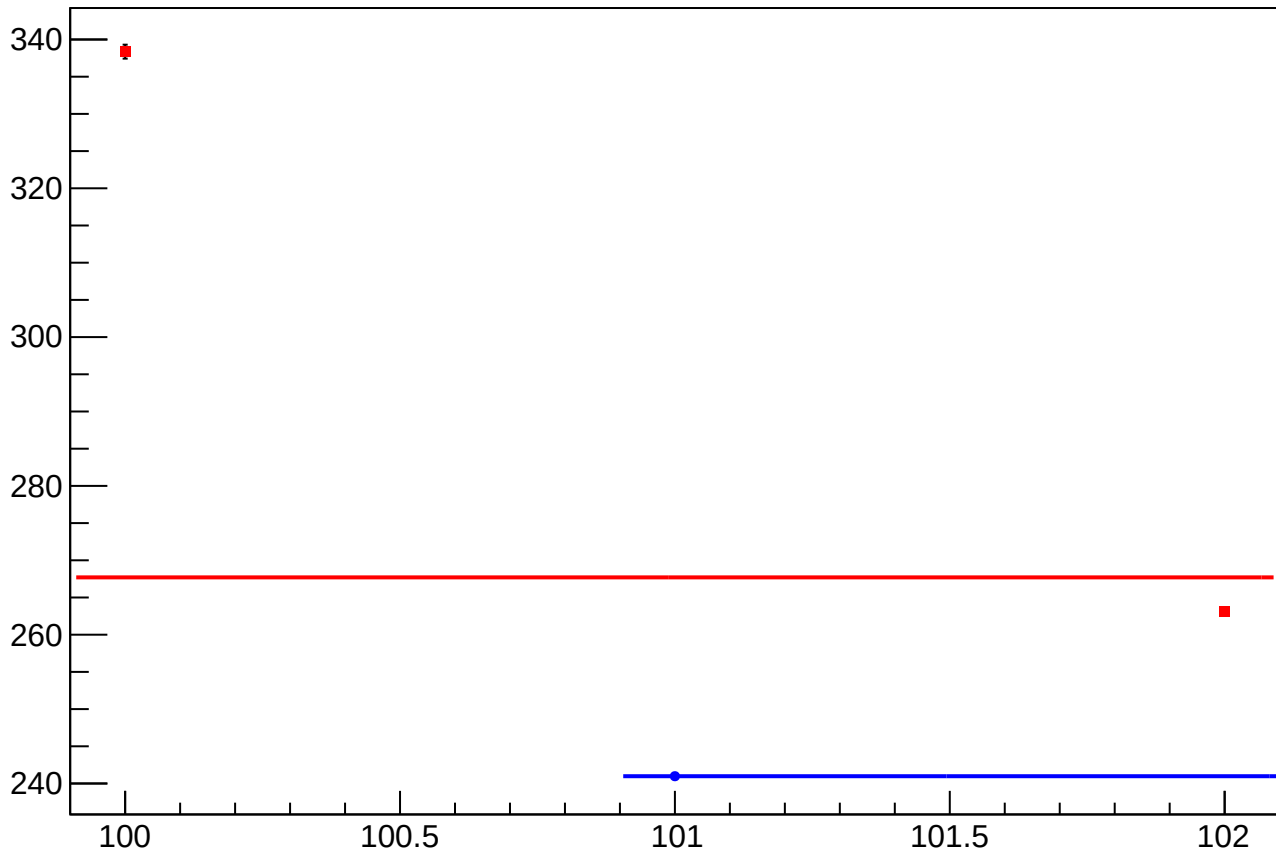
Right: -3443.219+/-221.353 χ^2/NDF : 434.7/2

In: -7713.224+/-301.805 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3443.219+/-221.353 χ^2/NDF : 434.7/2

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 240.979+/-0.213 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 267.704+/-0.230 χ^2/NDF : 6041.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

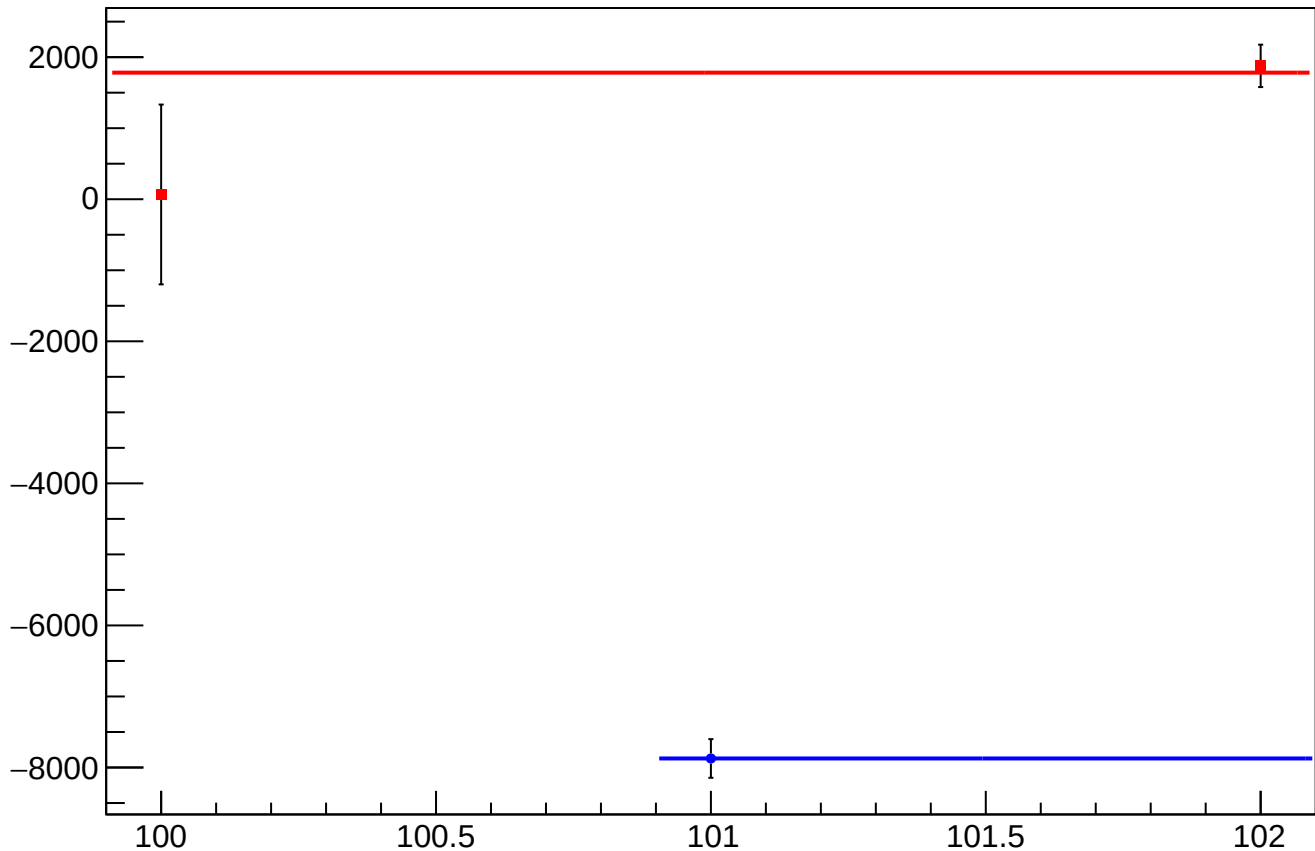
Right: 253.328+/-0.157 χ^2/NDF : 13287.6/2

In: 240.979+/-0.213 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 253.328+/-0.157 χ^2/NDF : 13287.6/2

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: -7872.726+/-272.183 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1782.070+/-290.433 χ^2/NDF : 1.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

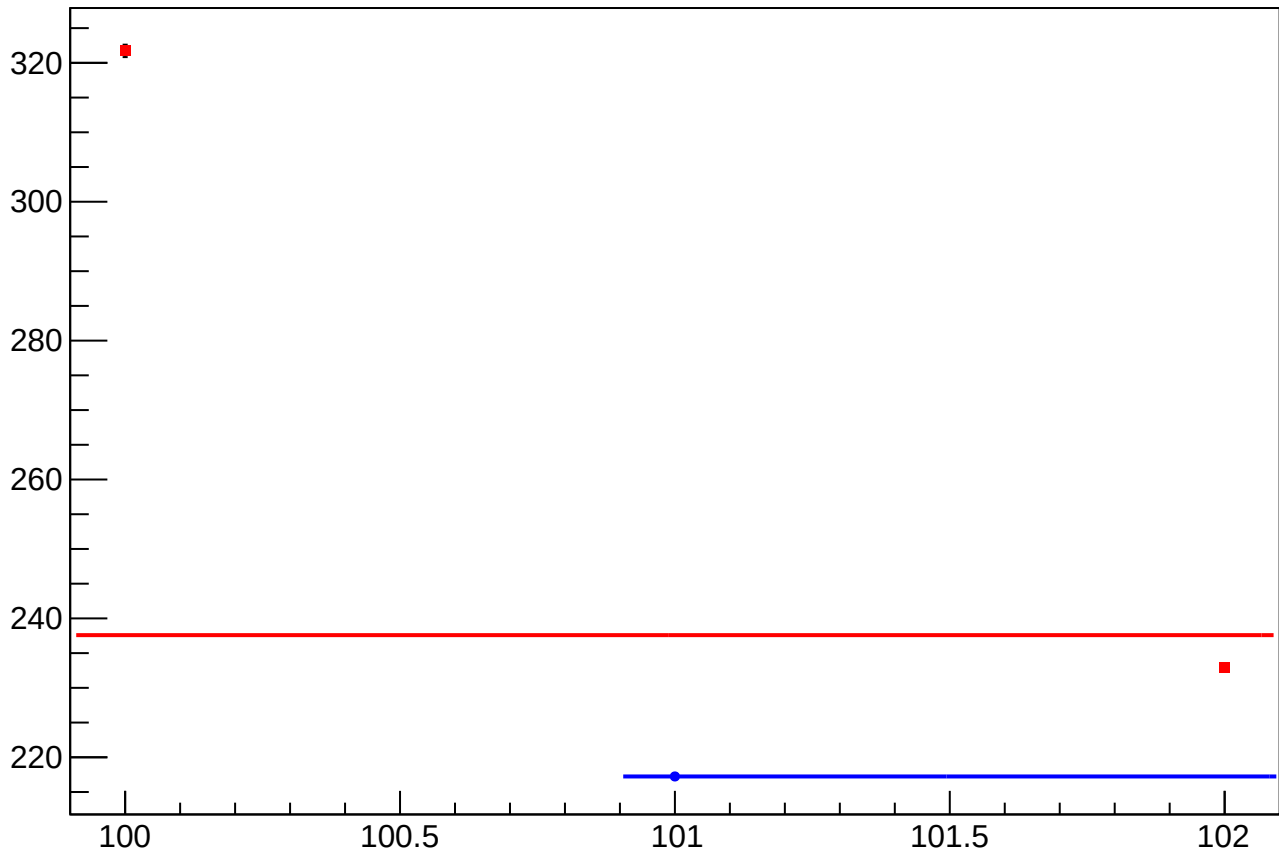
Right: -3358.183+/-198.601 χ^2/NDF : 590.3/2

In: -7872.726+/-272.183 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3358.183+/-198.601 χ^2/NDF : 590.3/2

asym_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 217.239+/-0.192 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 237.590+/-0.205 χ^2/NDF : 9330.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

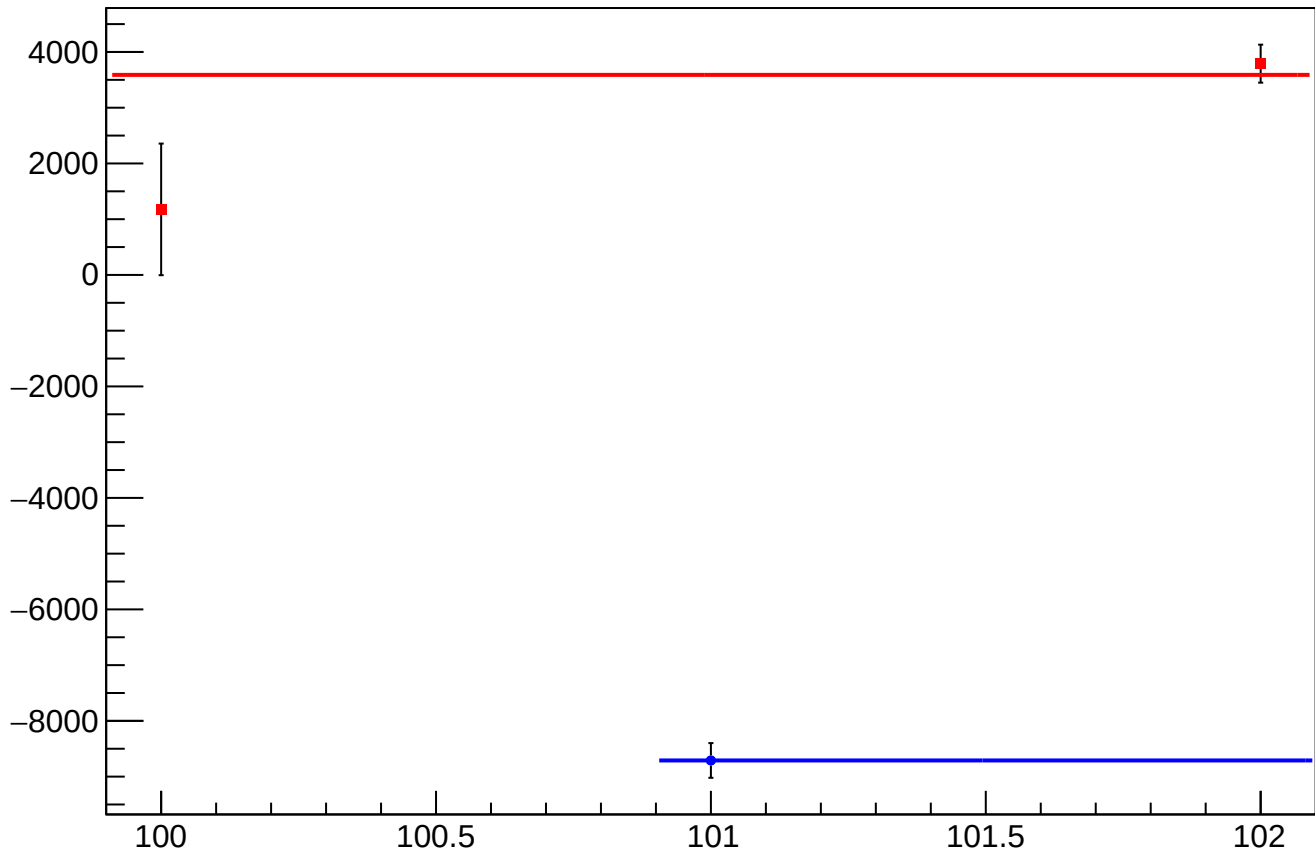
Right: 226.755+/-0.140 χ^2/NDF : 14558.4/2

In: 217.239+/-0.192 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 226.755+/-0.140 χ^2/NDF : 14558.4/2

asym_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: -8709.959+/-311.315 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 3589.056+/-327.379 χ^2 /NDF: 4.5/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

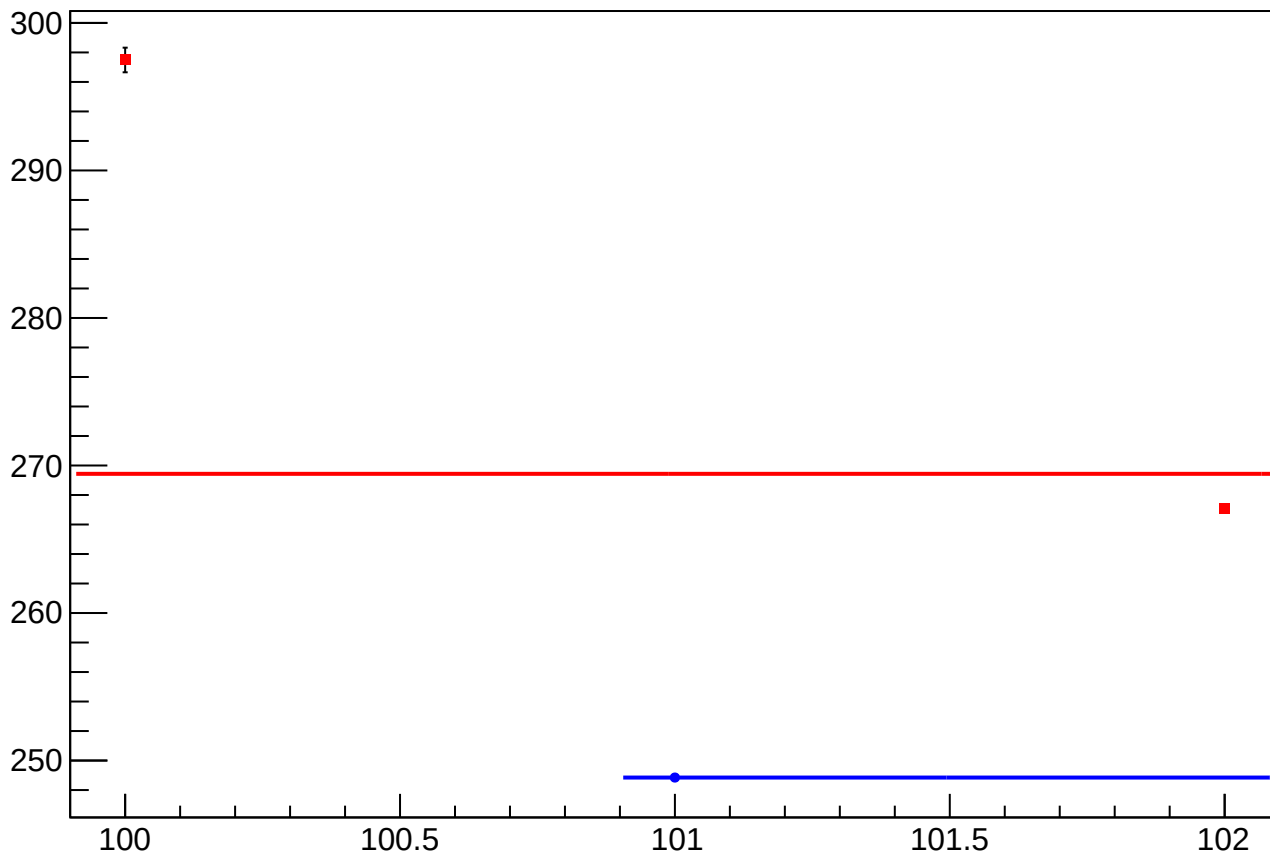
Right: -2869.590+/-225.598 χ^2 /NDF: 745.7/2

In: -8709.959+/-311.315 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -2869.590+/-225.598 χ^2 /NDF: 745.7/2

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 248.847 $\pm$ 0.220 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 269.435 $\pm$ 0.231 χ^2 /NDF: 1223.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

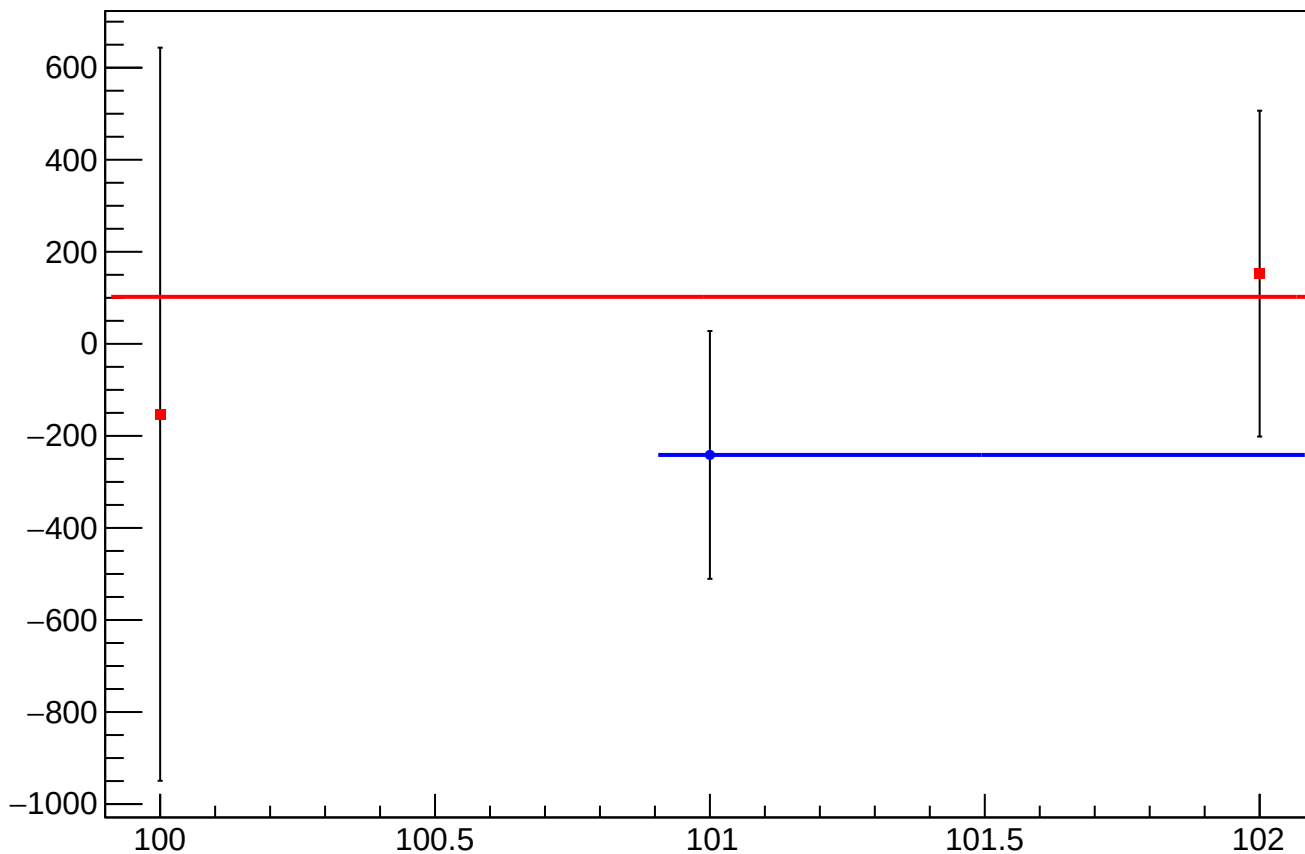
Right: 258.623 $\pm$ 0.160 χ^2 /NDF: 5377.5/2

In: 248.847 $\pm$ 0.220 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 258.623 $\pm$ 0.160 χ^2 /NDF: 5377.5/2

asym_bcm_2an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -241.364+/-269.210 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.173+/-323.510 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

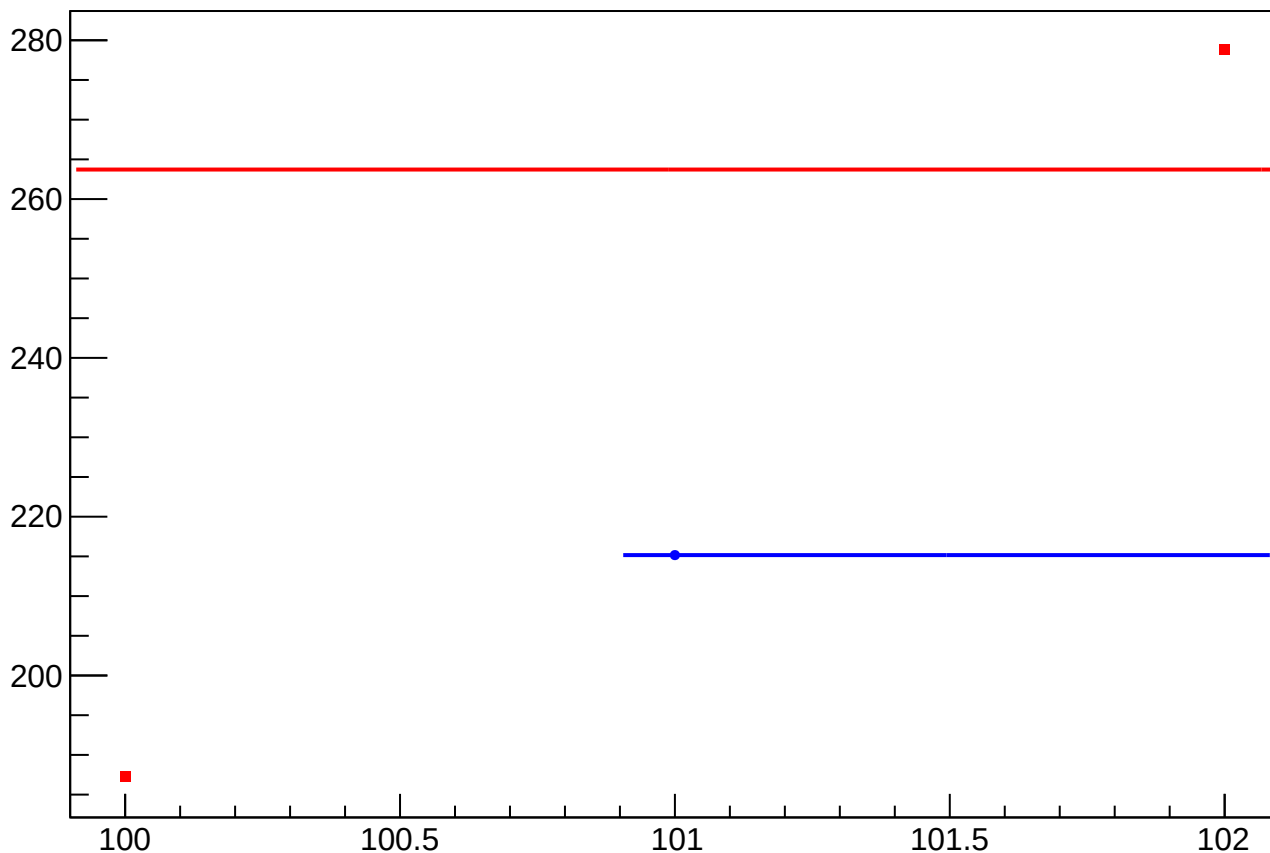
Right: -100.806+/-206.933 χ^2/NDF : 0.8/2

In: -241.364+/-269.210 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -100.806+/-206.933 χ^2/NDF : 0.8/2

asym_bcm_2an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 215.163 $\pm$ 0.190 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 263.719 $\pm$ 0.229 χ^2 /NDF: 22047.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

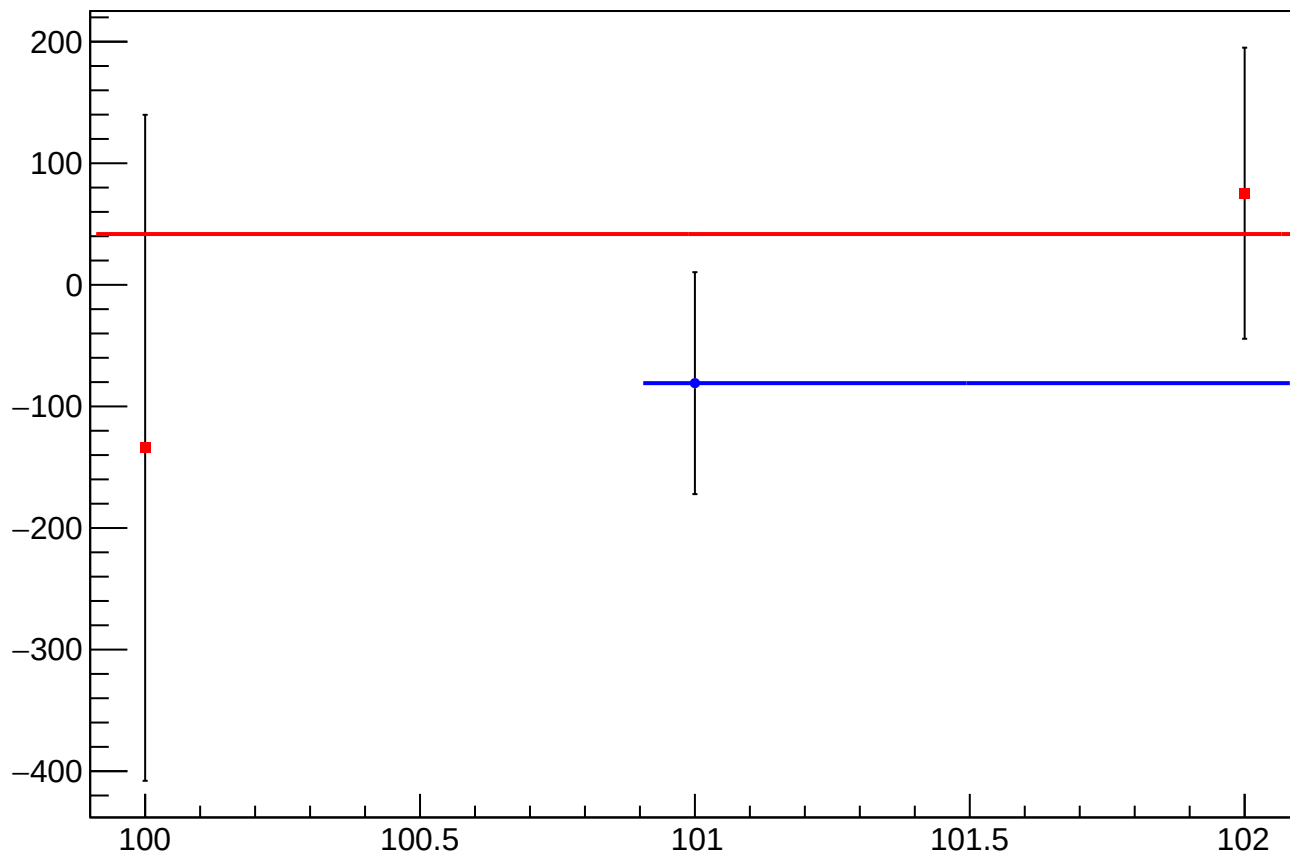
Right: 235.030 $\pm$ 0.146 χ^2 /NDF: 48668.5/2

In: 215.163 $\pm$ 0.190 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 235.030 $\pm$ 0.146 χ^2 /NDF: 48668.5/2

asym_bcm_2an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -80.847 $\pm$ 91.270 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 41.780 $\pm$ 109.687 χ^2 /NDF: 0.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

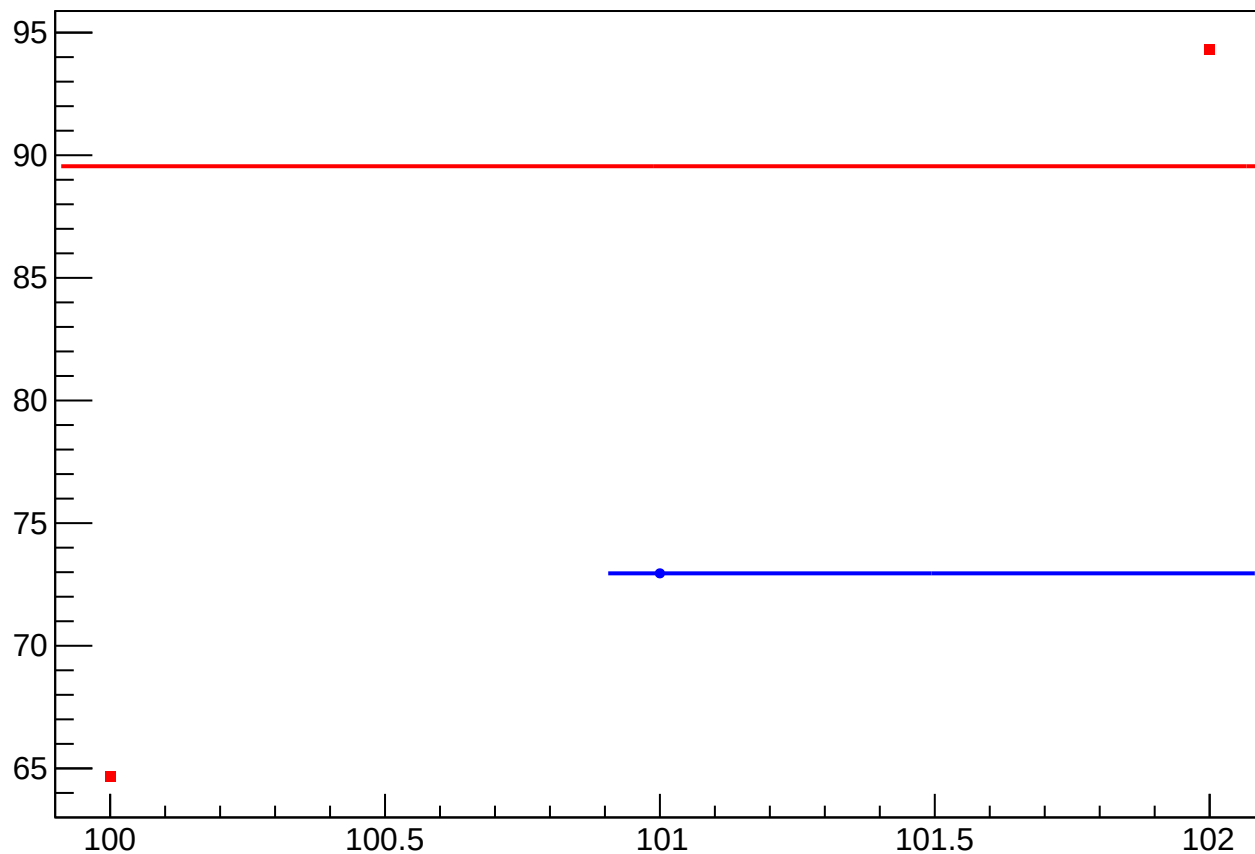
Right: -30.678 $\pm$ 70.158 χ^2 /NDF: 1.2/2

In: -80.847 $\pm$ 91.270 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -30.678 $\pm$ 70.158 χ^2 /NDF: 1.2/2

asym_bcm_2an_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 72.953+/-0.065 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.551+/-0.078 χ^2/NDF : 19630.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

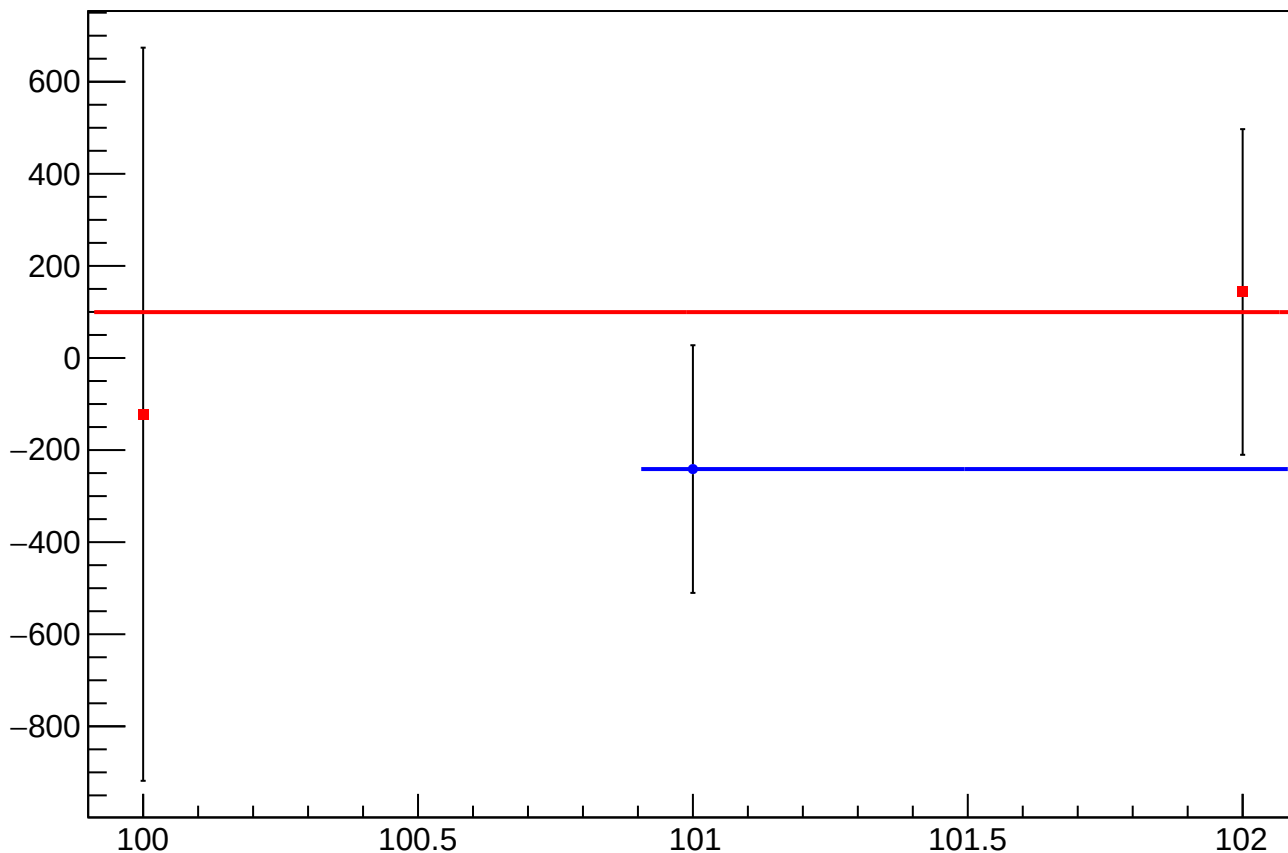
Right: 79.744+/-0.050 χ^2/NDF : 46692.6/2

In: 72.953+/-0.065 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.744+/-0.050 χ^2/NDF : 46692.6/2

asym_bcm_an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -241.255+/-268.952 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.626+/-323.202 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

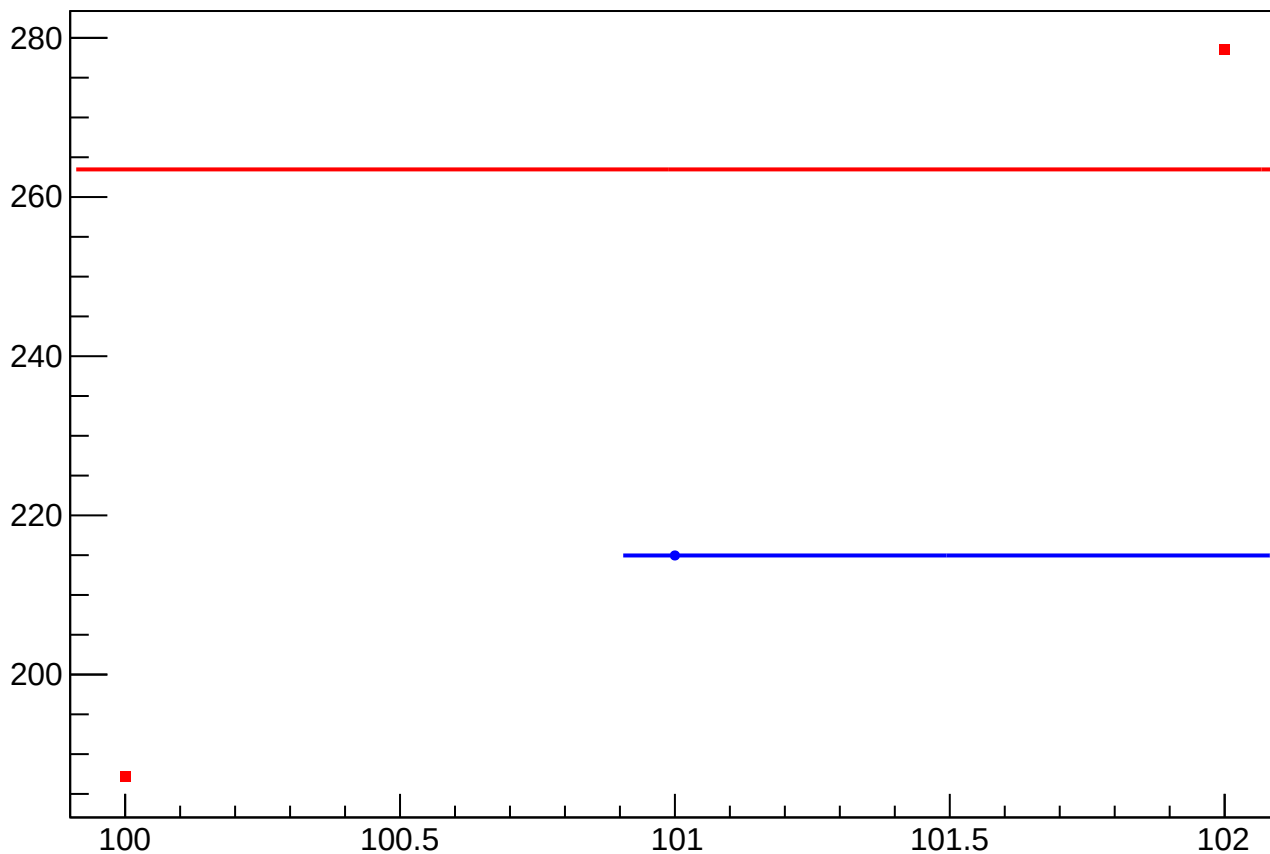
Right: -101.784+/-206.735 χ^2/NDF : 0.8/2

In: -241.255+/-268.952 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -101.784+/-206.735 χ^2/NDF : 0.8/2

asym_bcm_an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 214.962 $\pm$ 0.190 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 263.472 $\pm$ 0.229 χ^2 /NDF: 21970.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

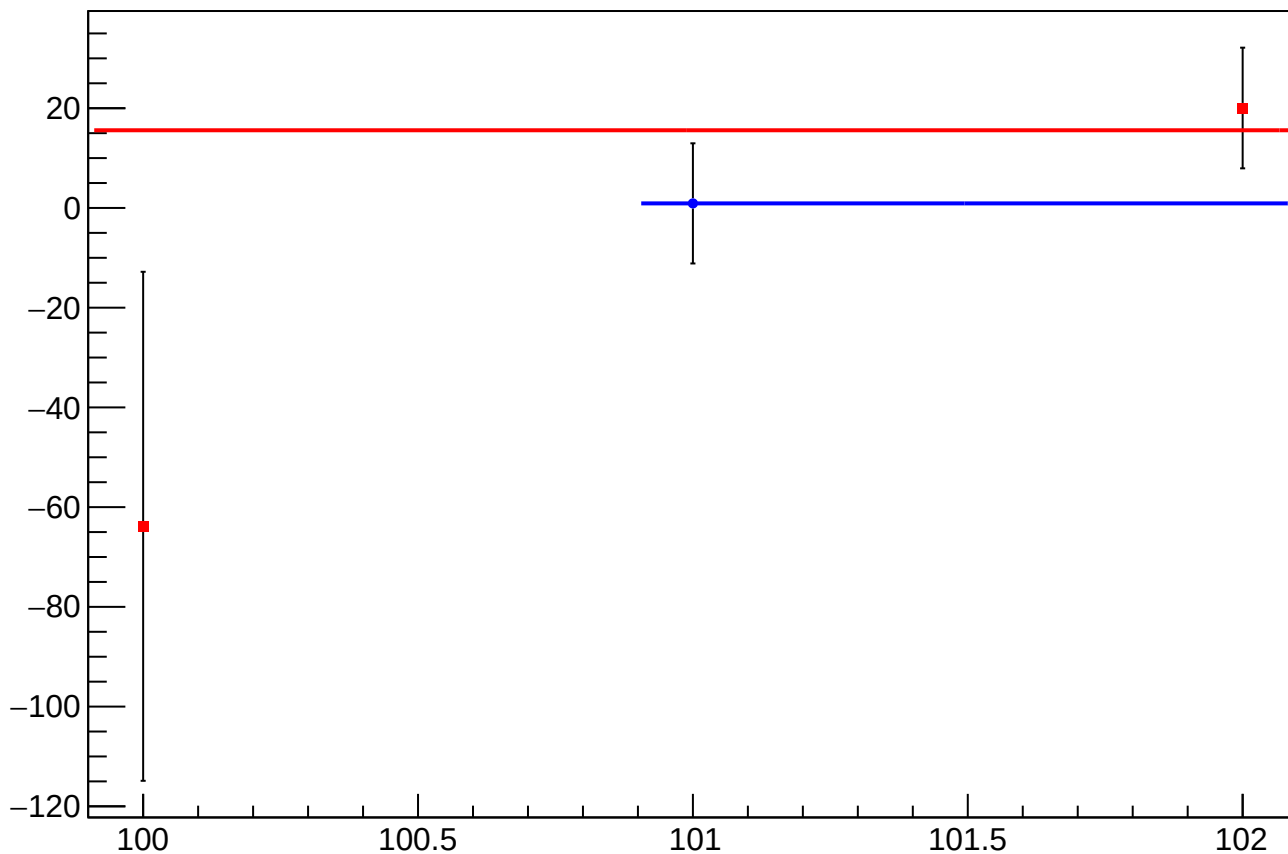
Right: 234.810 $\pm$ 0.146 χ^2 /NDF: 48591.5/2

In: 214.962 $\pm$ 0.190 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 234.810 $\pm$ 0.146 χ^2 /NDF: 48591.5/2

asym_bcm_an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: 0.914 ± 12.049 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 15.579 ± 11.774 $\chi^2/\text{NDF}: 2.6/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

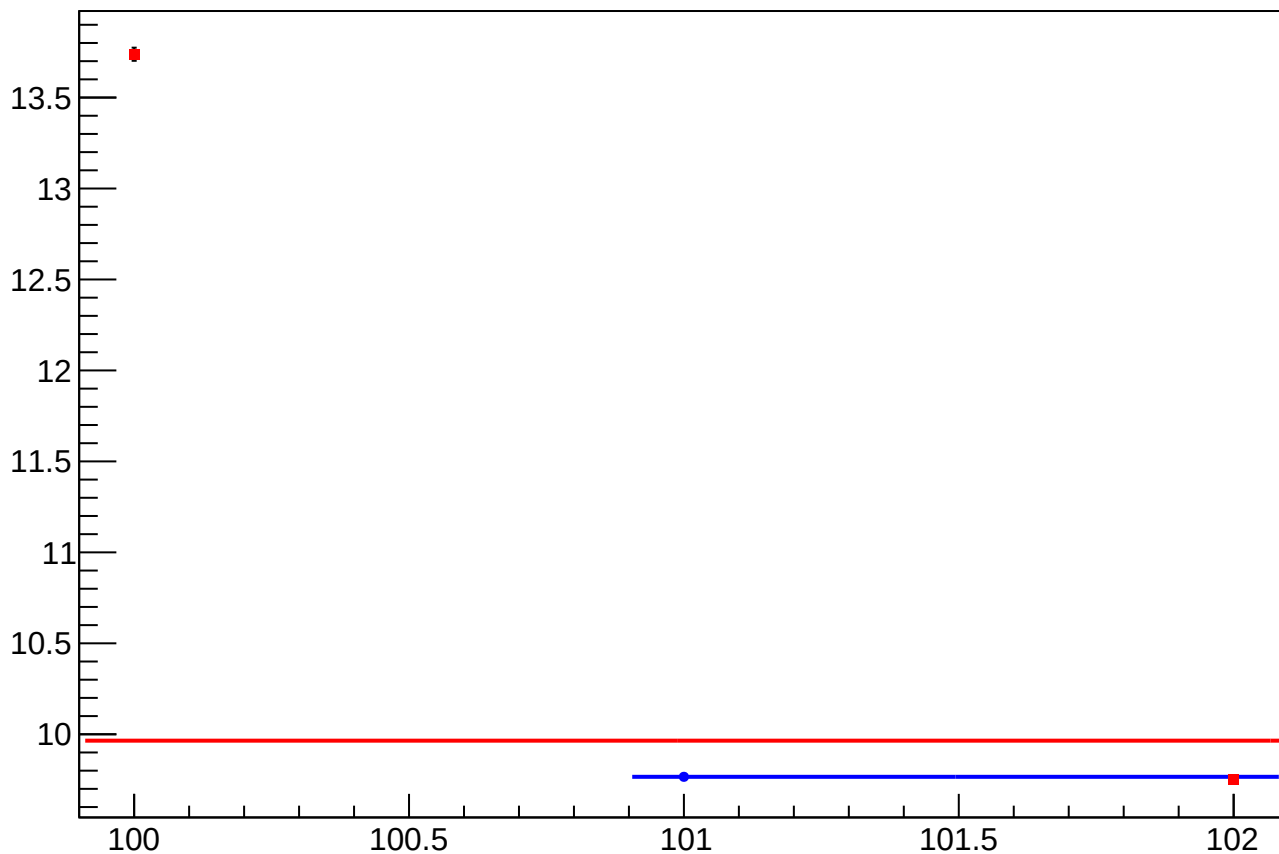
Right: 8.415 ± 8.421 $\chi^2/\text{NDF}: 3.3/2$

In: 0.914 ± 12.049 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 8.415 ± 8.421 $\chi^2/\text{NDF}: 3.3/2$

asym_bcm_an_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 9.766+/-0.009 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.965+/-0.008 χ^2/NDF : 11544.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

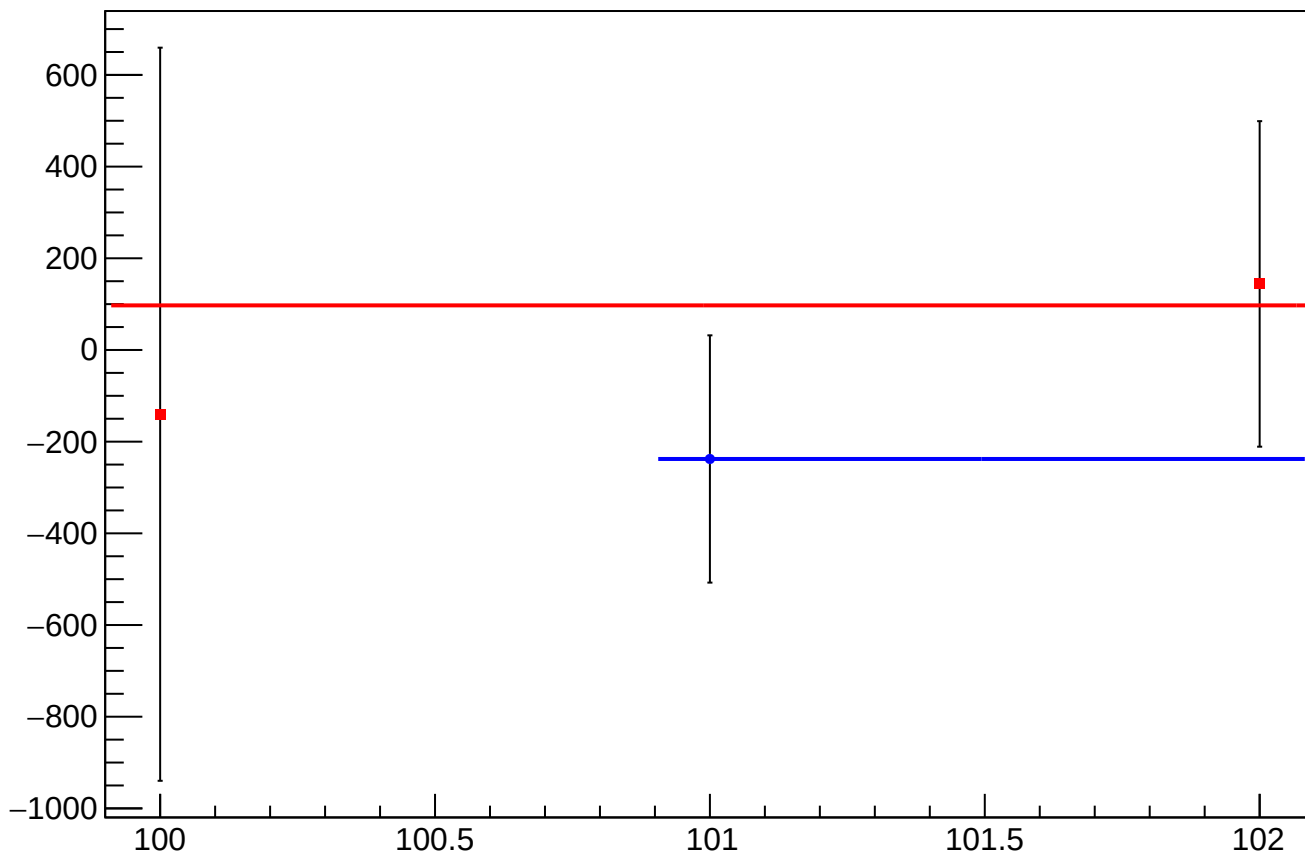
Right: 9.868+/-0.006 χ^2/NDF : 11823.1/2

In: 9.766+/-0.009 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.868+/-0.006 χ^2/NDF : 11823.1/2

asym_bcm_an_us_an_ds3_avg_mean vs Slug, Sign Corrected



Right In: -237.777 $\pm$ 269.707 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 97.276 $\pm$ 324.506 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

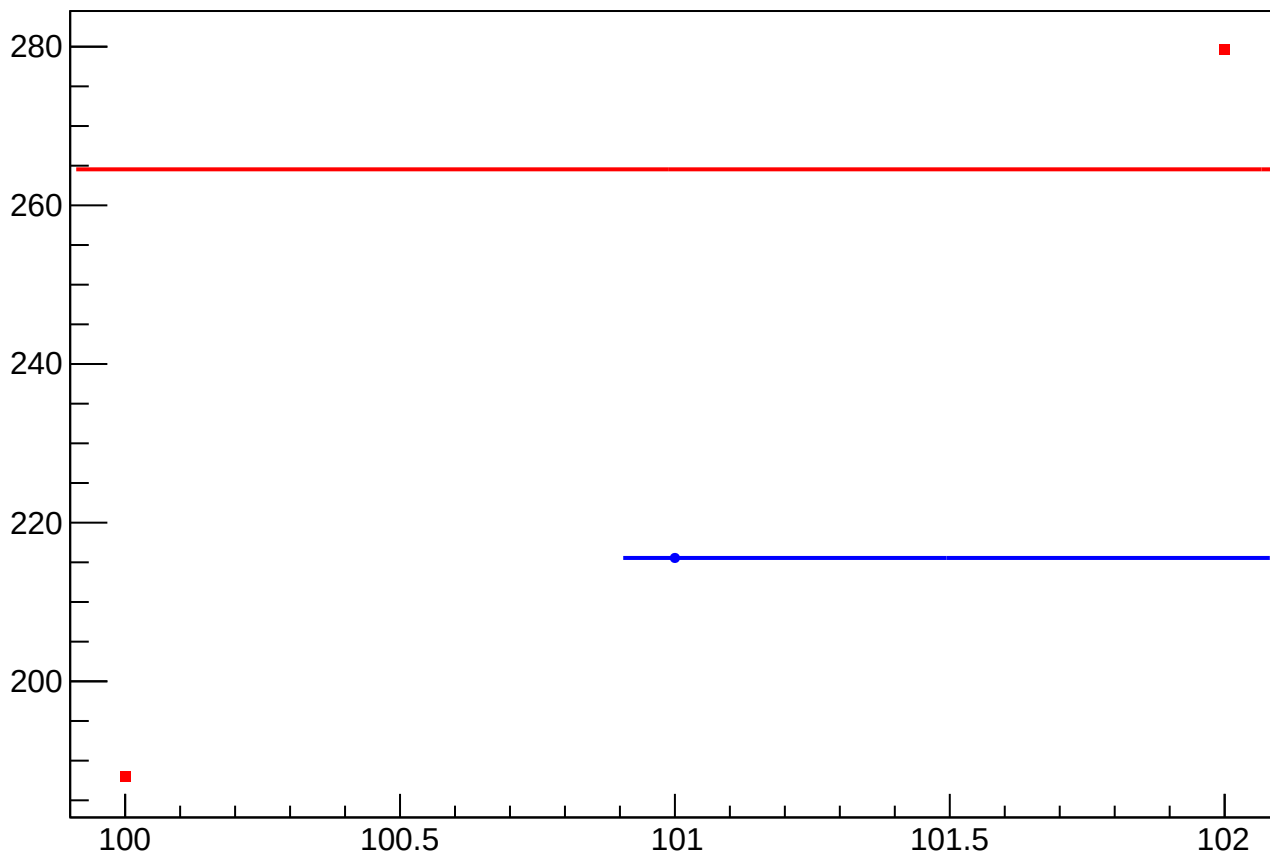
Right: -100.889 $\pm$ 207.419 χ^2 /NDF: 0.7/2

In: -237.777 $\pm$ 269.707 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -100.889 $\pm$ 207.419 χ^2 /NDF: 0.7/2

asym_bcm_an_us_an_ds3_avg_rms vs Slug, Sign Corrected



Right In: 215.552 $\pm$ 0.191 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 264.540 $\pm$ 0.229 χ^2 /NDF: 21922.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

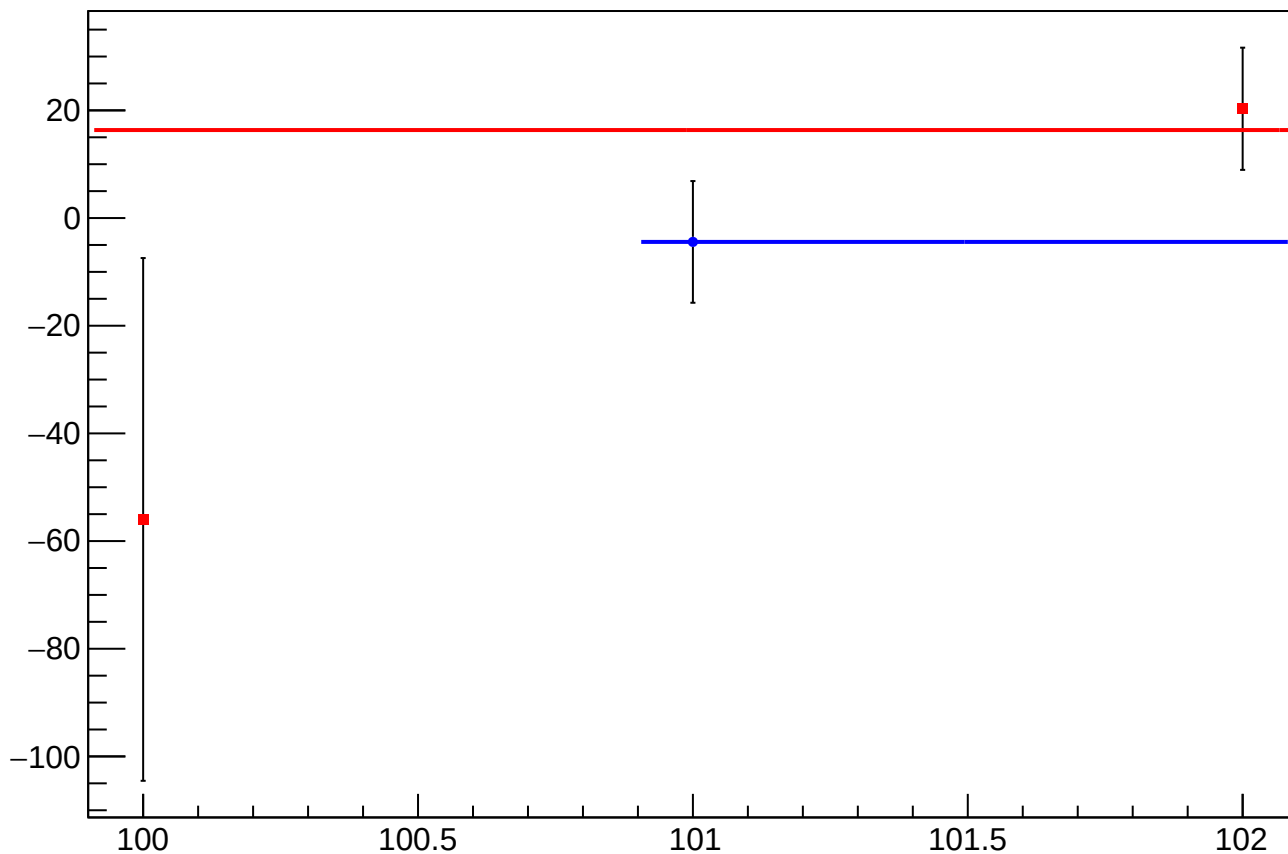
Right: 235.566 $\pm$ 0.147 χ^2 /NDF: 48880.3/2

In: 215.552 $\pm$ 0.191 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 235.566 $\pm$ 0.147 χ^2 /NDF: 48880.3/2

asym_bcm_an_us_an_ds3_dd_mean vs Slug, Sign Corrected



Right In: -4.432 $\pm$ 11.302 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.345 $\pm$ 11.051 χ^2 /NDF: 2.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

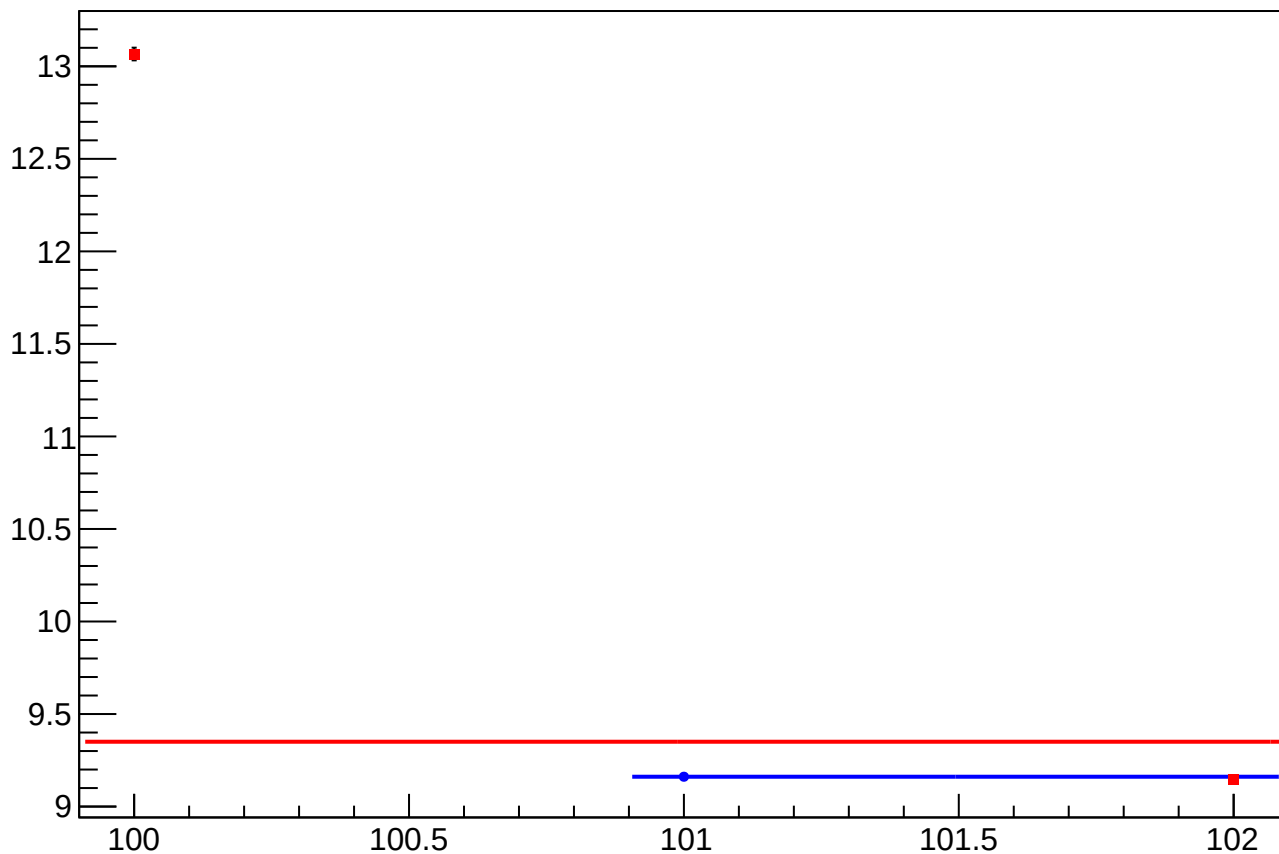
Right: 6.190 $\pm$ 7.902 χ^2 /NDF: 4.1/2

In: -4.432 $\pm$ 11.302 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.190 $\pm$ 7.902 χ^2 /NDF: 4.1/2

asym_bcm_an_us_an_ds3_dd_rms vs Slug, Sign Corrected



Right In: 9.161 $\pm$ 0.008 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.350 $\pm$ 0.008 χ^2 /NDF: 12358.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

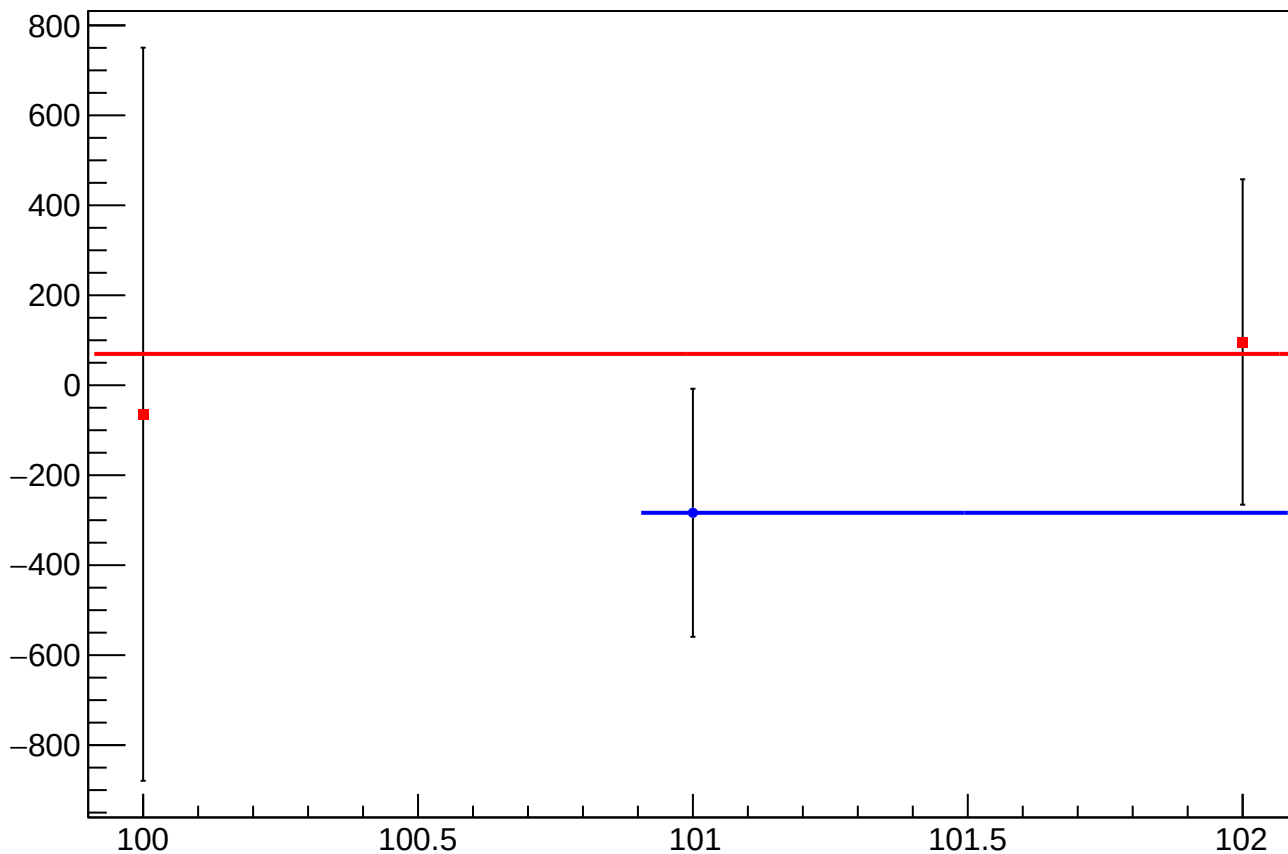
Right: 9.258 $\pm$ 0.006 χ^2 /NDF: 12644.4/2

In: 9.161 $\pm$ 0.008 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.258 $\pm$ 0.006 χ^2 /NDF: 12644.4/2

asym_bcm_dg_us_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: -283.563 $\pm$ 275.717 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 69.716 $\pm$ 330.585 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

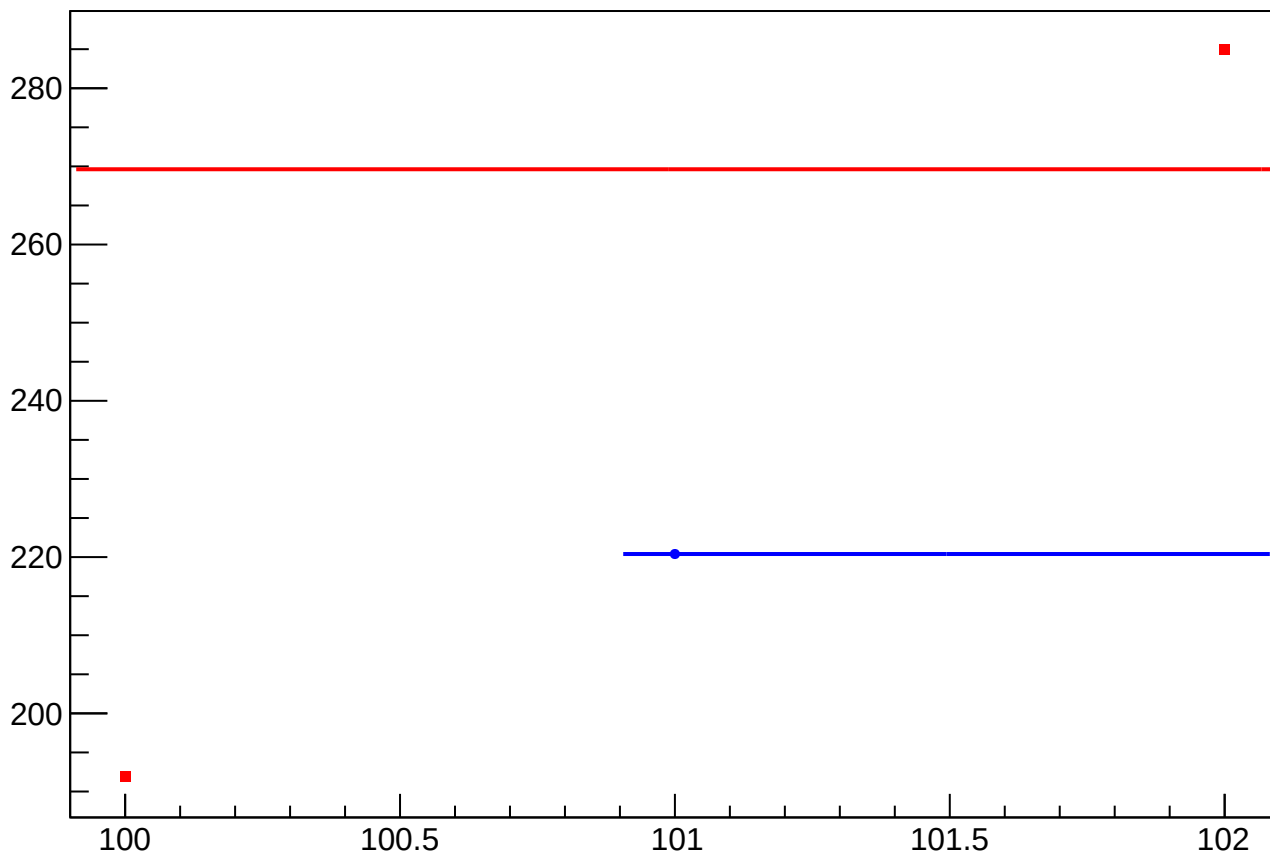
Right: -138.634 $\pm$ 211.739 χ^2 /NDF: 0.7/2

In: -283.563 $\pm$ 275.717 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -138.634 $\pm$ 211.739 χ^2 /NDF: 0.7/2

asym_bcm_dg_us_dg_ds_avg_rms vs Slug, Sign Corrected



Right In: 220.394 $\pm$ 0.195 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 269.633 $\pm$ 0.234 χ^2 /NDF: 21758.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

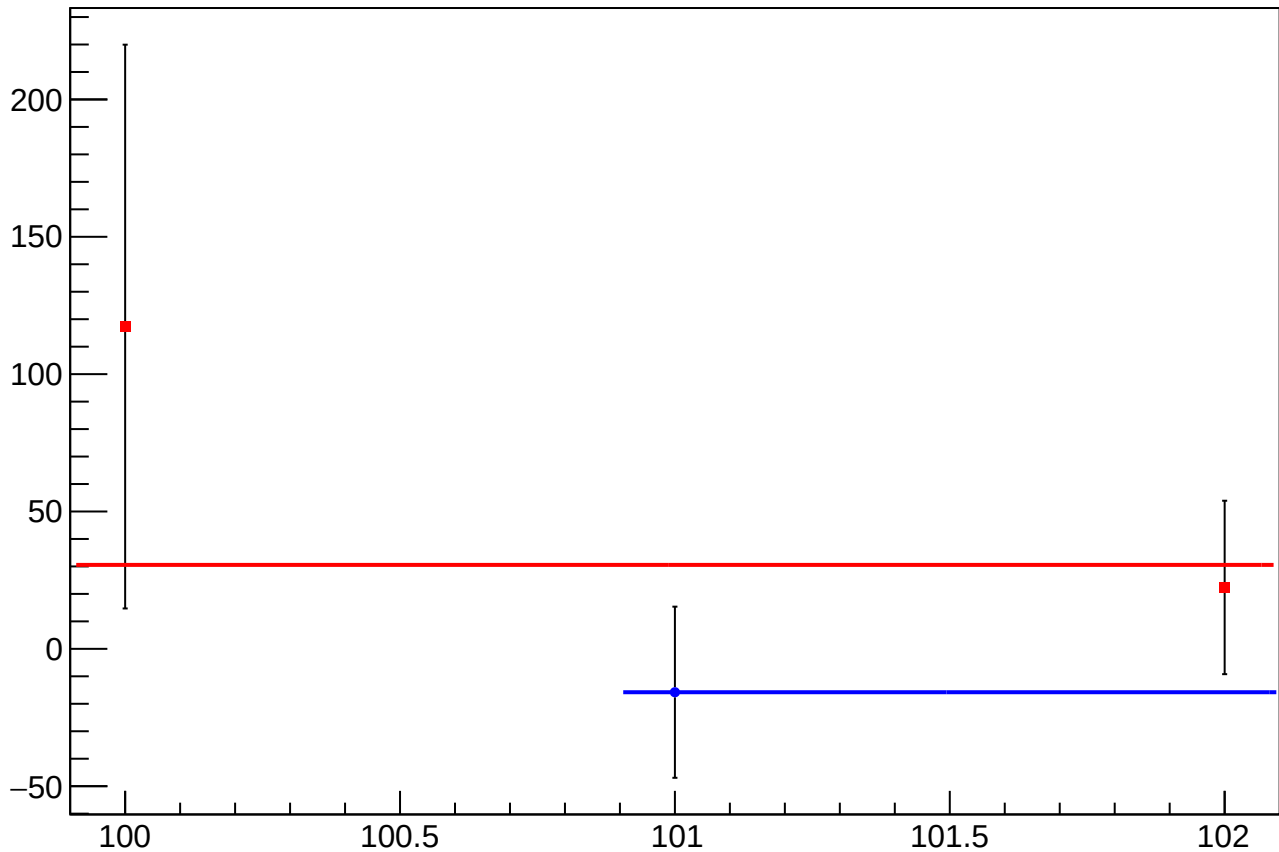
Right: 240.594 $\pm$ 0.150 χ^2 /NDF: 47925.4/2

In: 220.394 $\pm$ 0.195 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 240.594 $\pm$ 0.150 χ^2 /NDF: 47925.4/2

asym_bcm_dg_us_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: -15.794+/-31.151 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.559+/-30.173 χ^2/NDF : 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

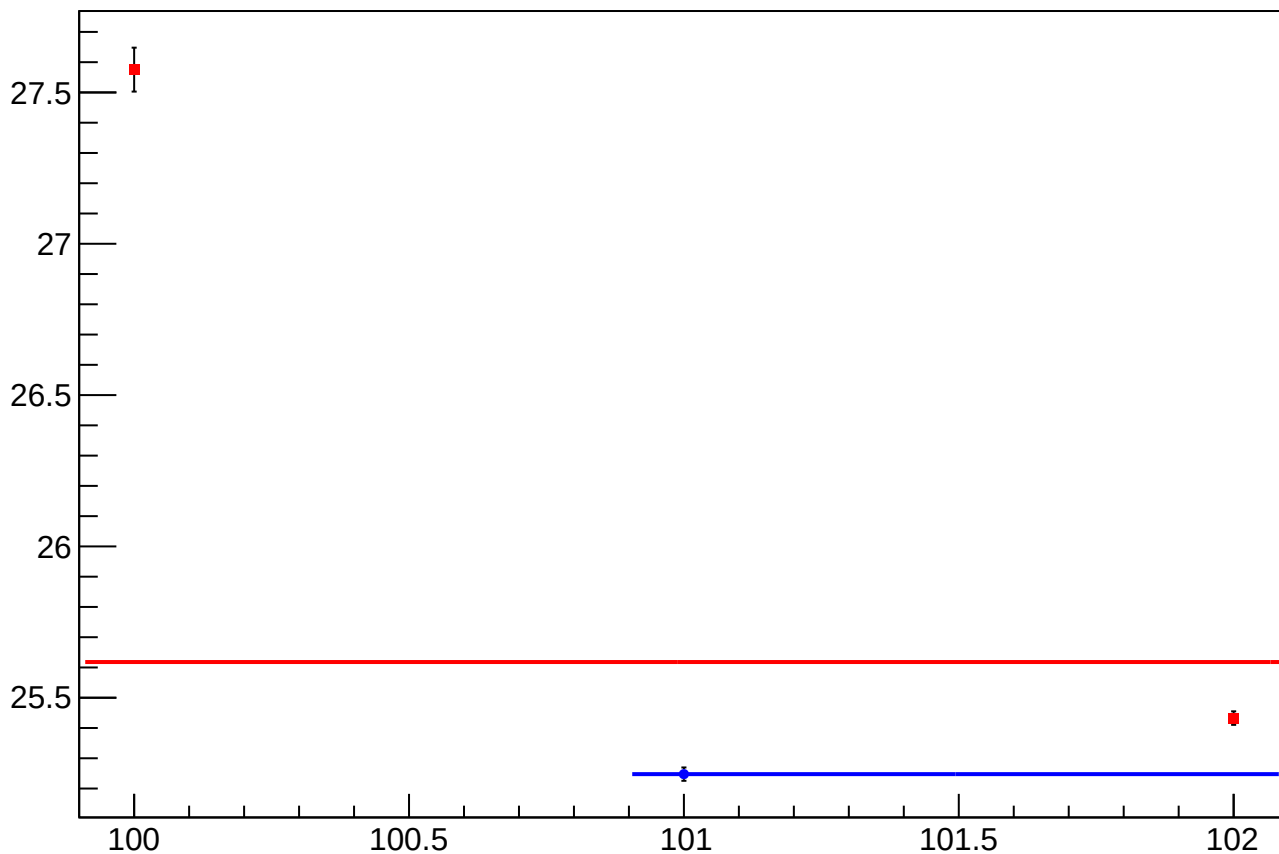
Right: 8.121+/-21.673 χ^2/NDF : 1.9/2

In: -15.794+/-31.151 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.121+/-21.673 χ^2/NDF : 1.9/2

asym_bcm_dg_us_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 25.248 $\pm$ 0.022 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 25.618 $\pm$ 0.021 χ^2 /NDF: 796.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

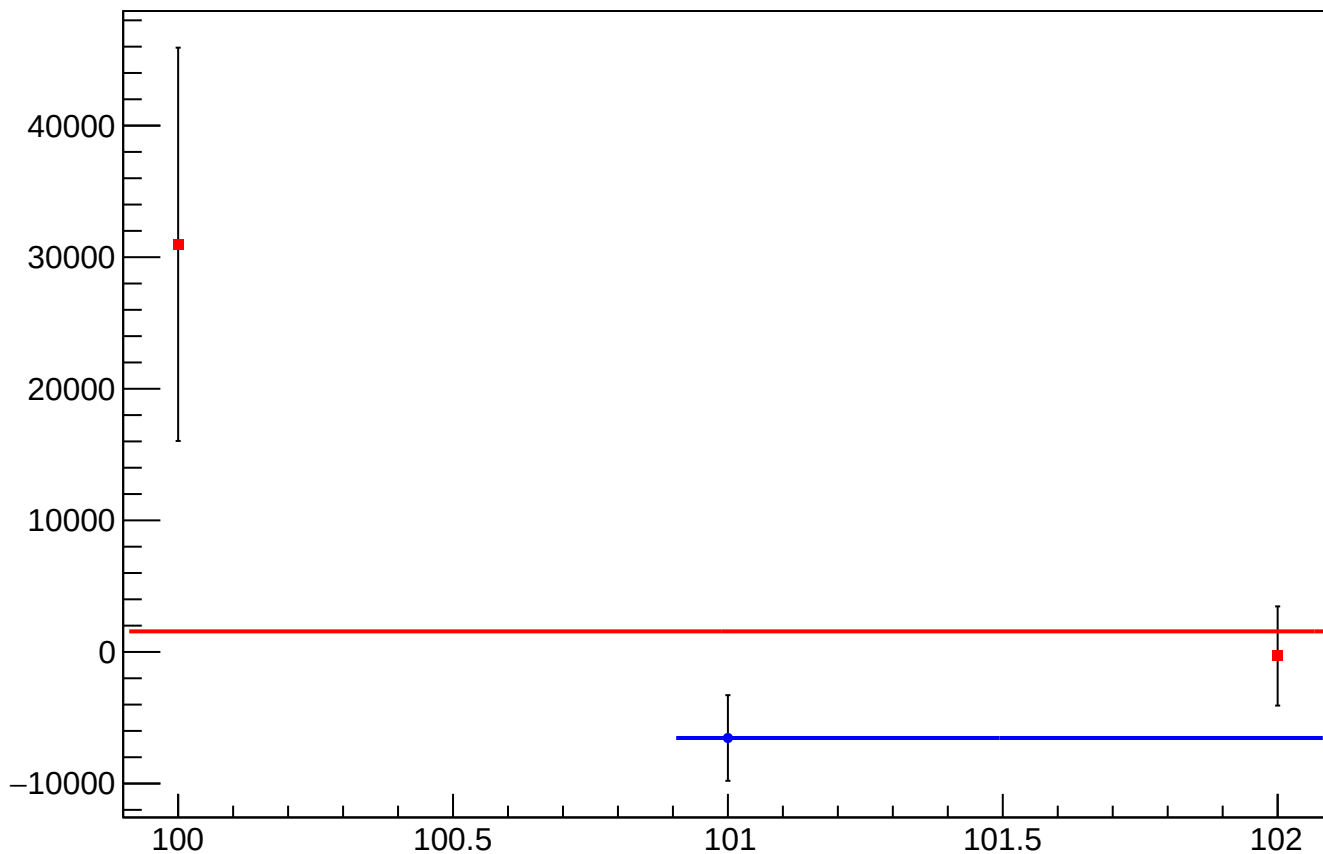
Right: 25.439 $\pm$ 0.015 χ^2 /NDF: 942.4/2

In: 25.248 $\pm$ 0.022 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 25.439 $\pm$ 0.015 χ^2 /NDF: 942.4/2

asym_bcm_cav4cQ_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -6537.401 $\pm$ 3253.626 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1564.670 $\pm$ 3654.249 χ^2 /NDF: 4.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

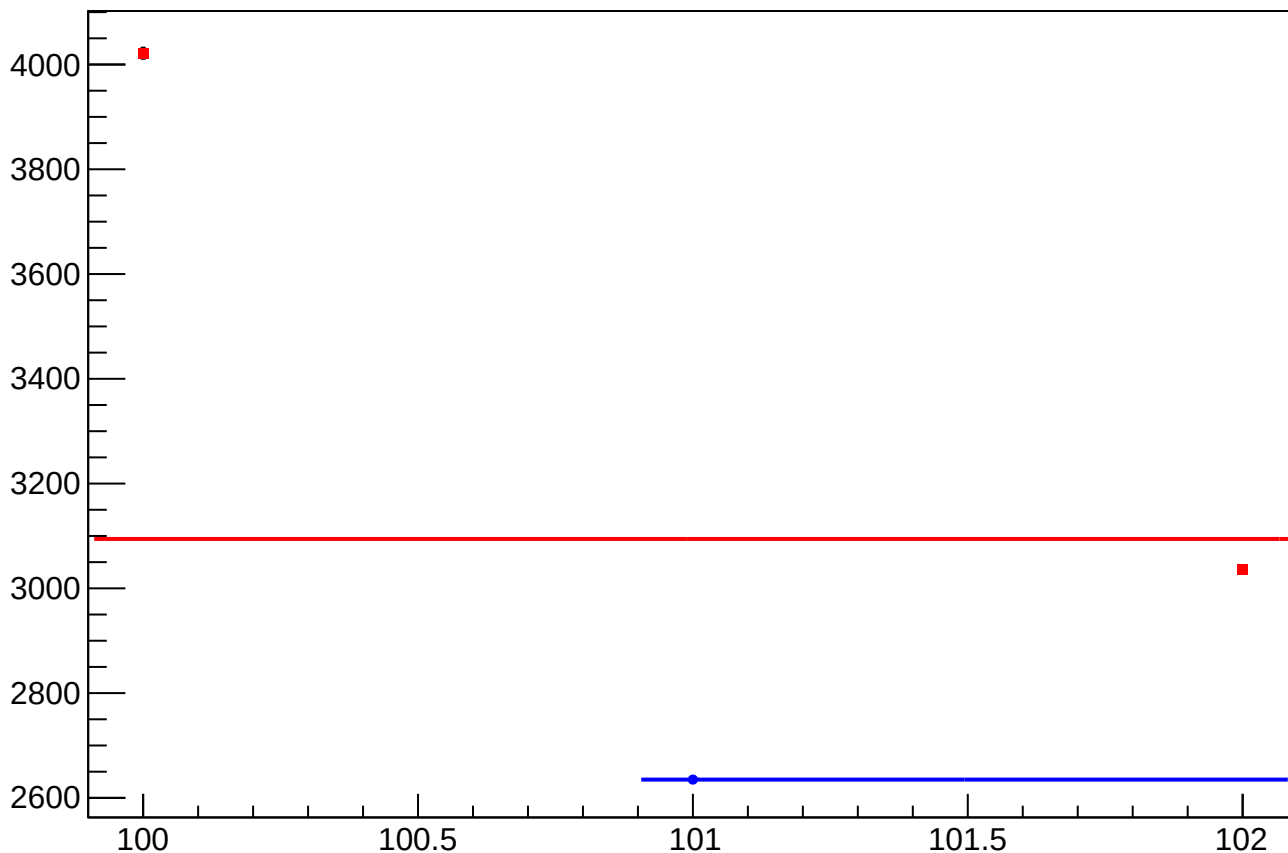
Right: -2954.671 $\pm$ 2430.005 χ^2 /NDF: 6.9/2

In: -6537.401 $\pm$ 3253.626 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2954.671 $\pm$ 2430.005 χ^2 /NDF: 6.9/2

asym_bcm_cav4cQ_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 2634.896 $\pm$ 2.301 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3094.293 $\pm$ 2.584 χ^2 /NDF: 8191.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

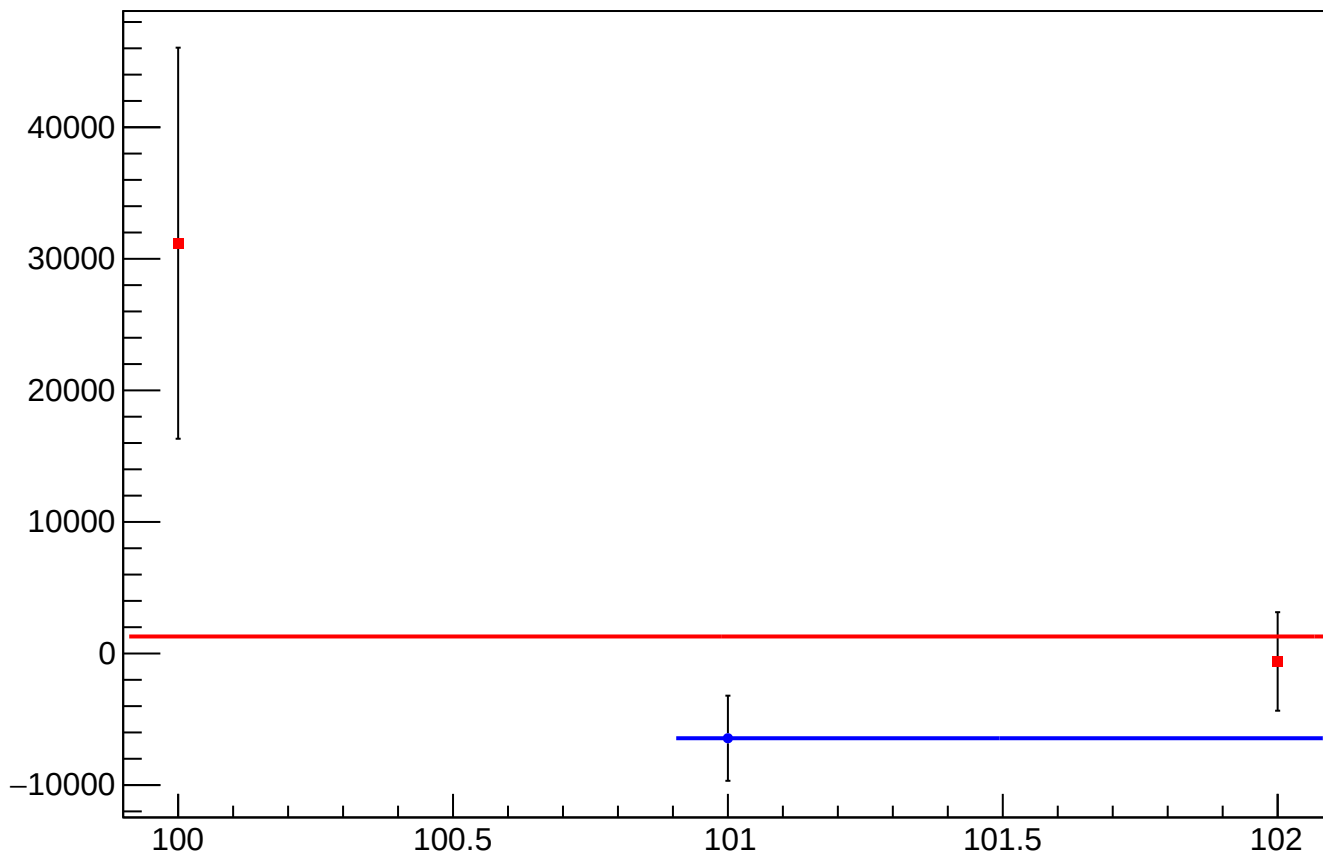
Right: 2838.041 $\pm$ 1.718 χ^2 /NDF: 25822.6/2

In: 2634.896 $\pm$ 2.301 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2838.041 $\pm$ 1.718 χ^2 /NDF: 25822.6/2

asym_bcm_cav4cQ_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -6439.681+/-3235.233 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1294.282+/-3630.814 χ^2 /NDF: 4.3/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

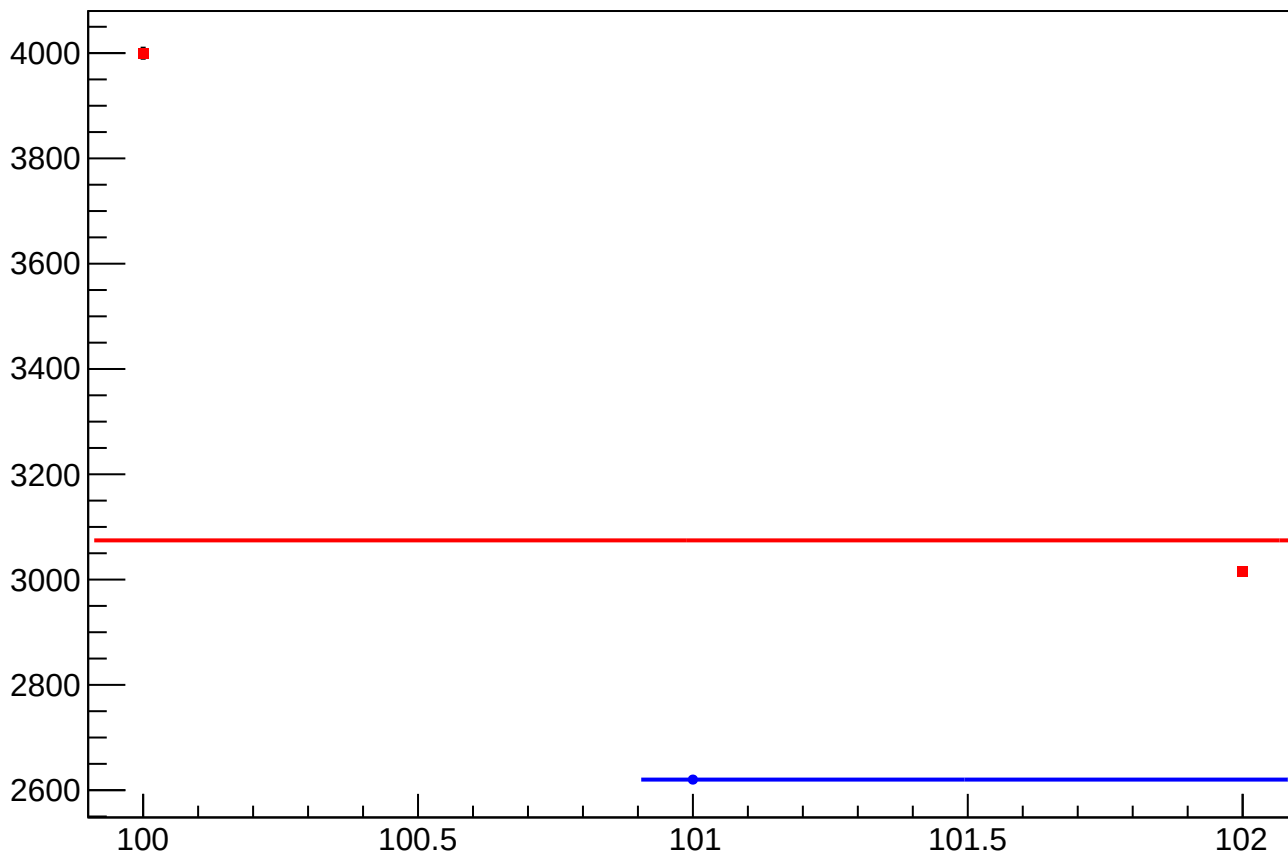
Right: -3016.810+/-2415.451 χ^2 /NDF: 6.8/2

In: -6439.681+/-3235.233 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -3016.810+/-2415.451 χ^2 /NDF: 6.8/2

asym_bcm_cav4cQ_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 2620.100+/-2.288 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3074.458+/-2.567 χ^2/NDF : 8244.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

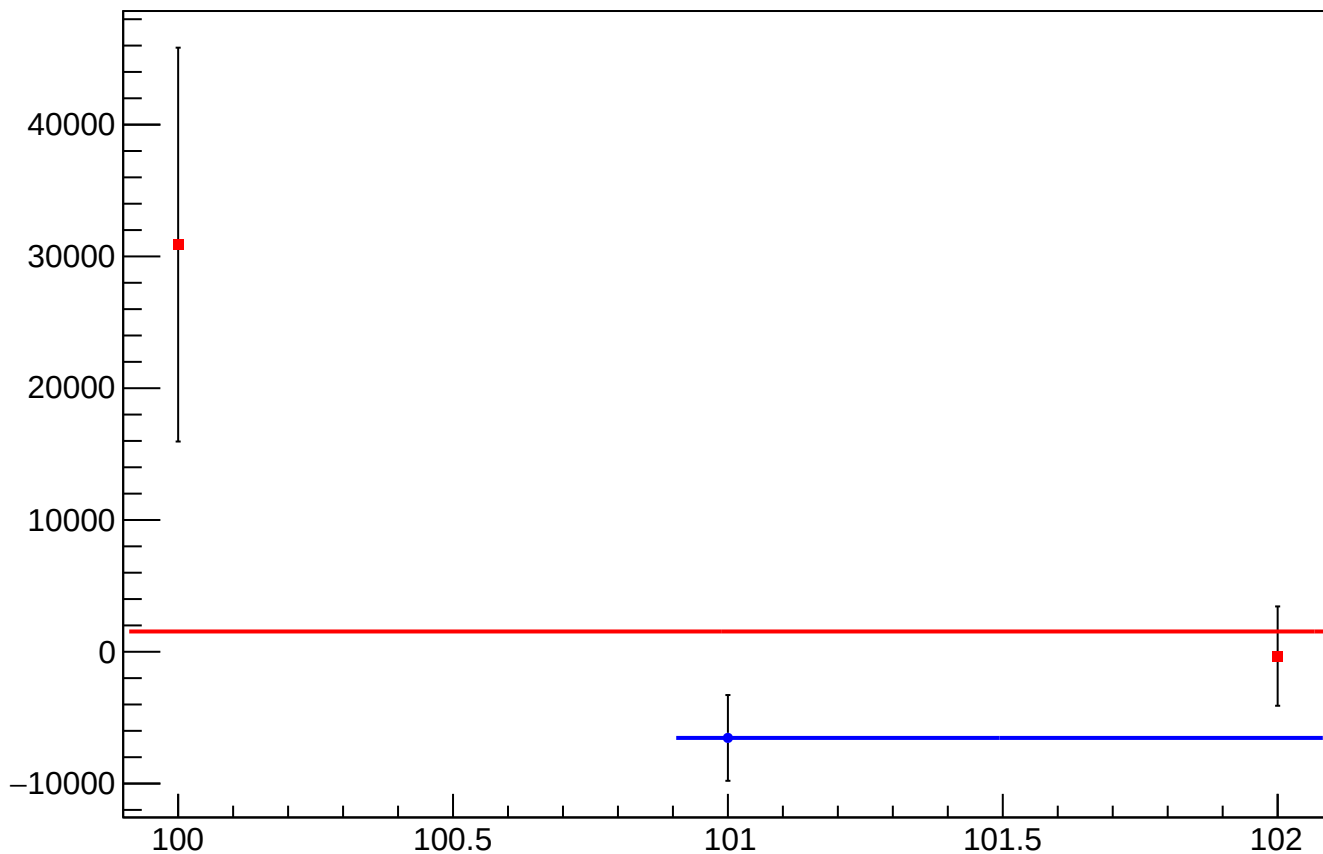
Right: 2821.188+/-1.708 χ^2/NDF : 25703.0/2

In: 2620.100+/-2.288 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2821.188+/-1.708 χ^2/NDF : 25703.0/2

asym_bcm_cav4cQ_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: -6536.663+/-3253.964 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1540.174+/-3654.672 χ^2/NDF : 4.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

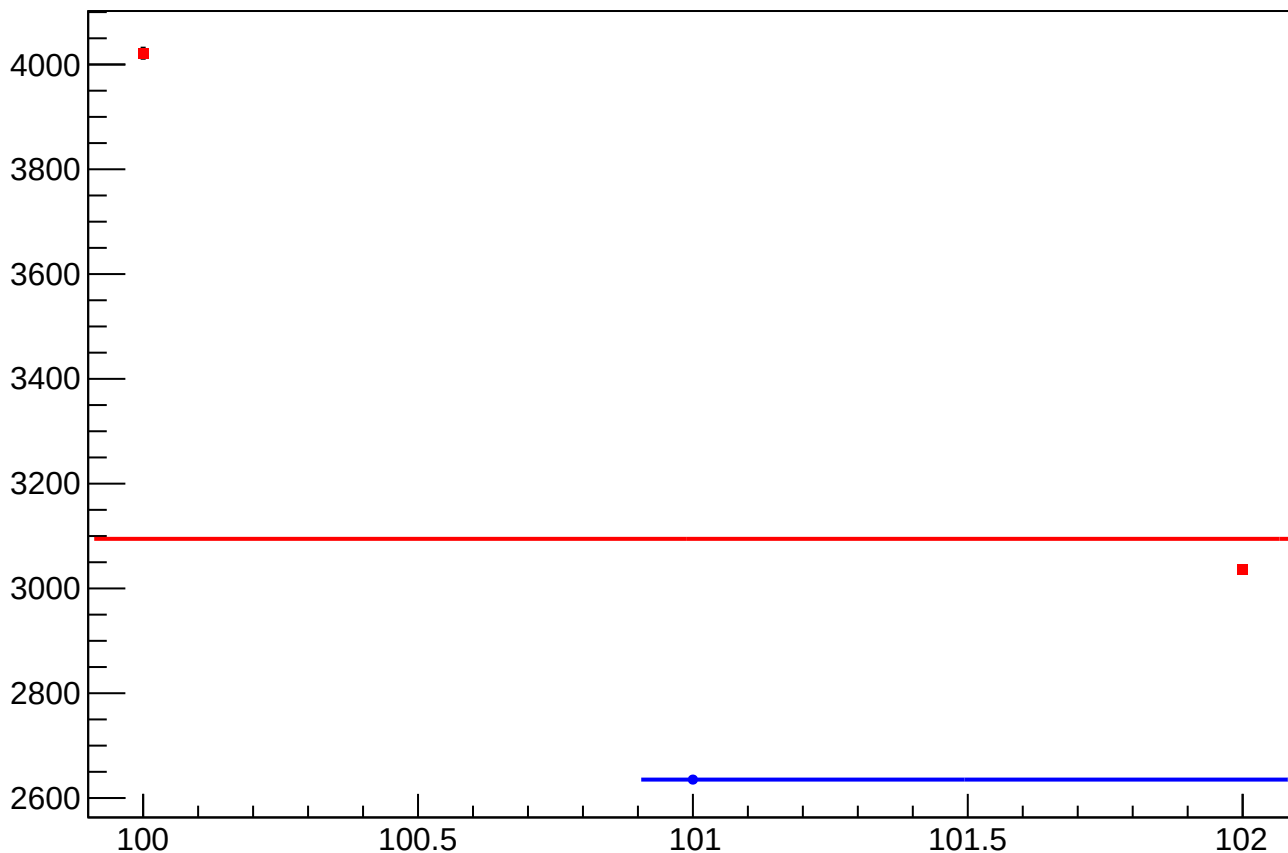
Right: -2965.139+/-2430.270 χ^2/NDF : 6.8/2

In: -6536.663+/-3253.964 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2965.139+/-2430.270 χ^2/NDF : 6.8/2

asym_bcm_cav4cQ_dg_ds_avg_rms vs Slug, Sign Corrected



Right In: 2635.167 $\pm$ 2.301 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3094.655 $\pm$ 2.584 χ^2 /NDF: 8184.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

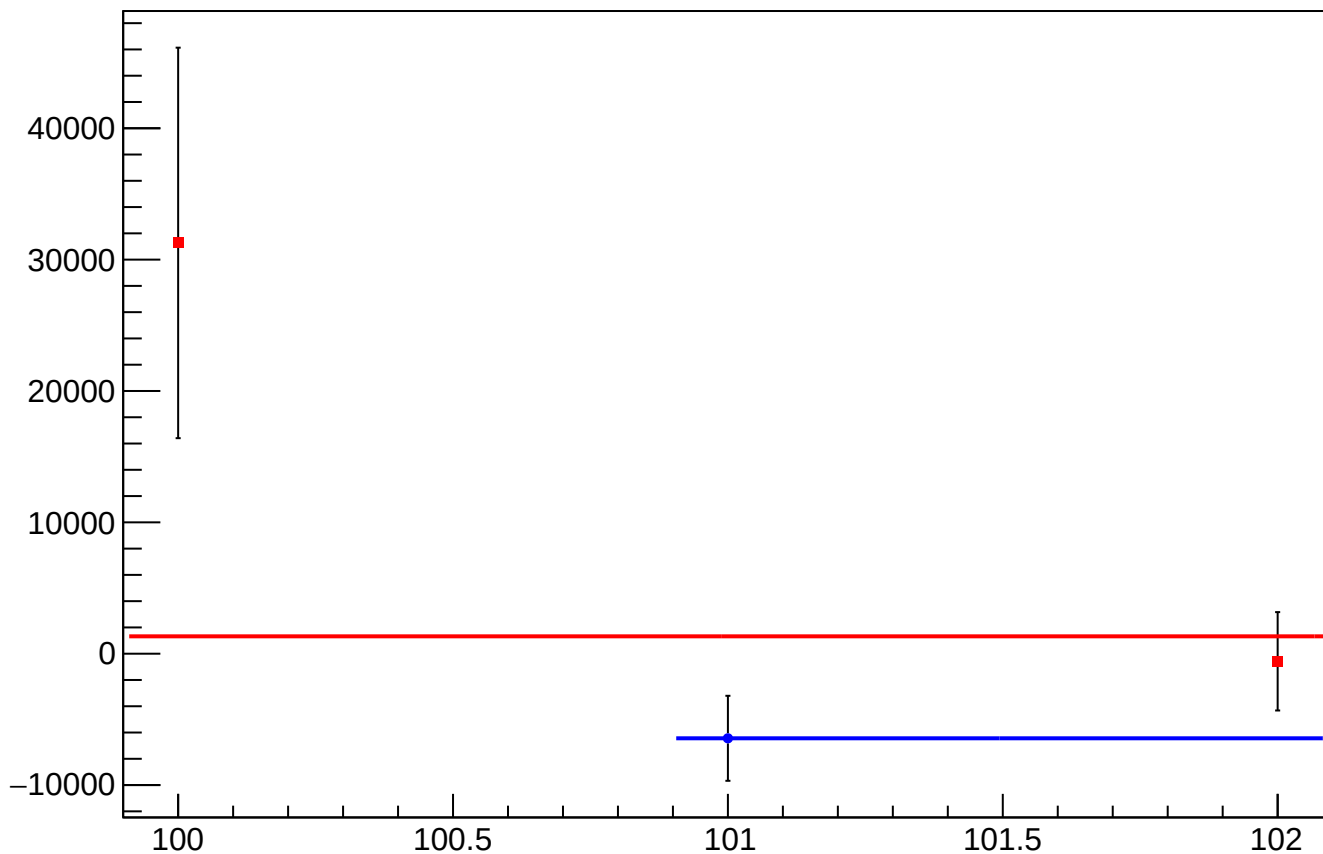
Right: 2838.350 $\pm$ 1.718 χ^2 /NDF: 25818.8/2

In: 2635.167 $\pm$ 2.301 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2838.350 $\pm$ 1.718 χ^2 /NDF: 25818.8/2

asym_bcm_cav4cQ_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: -6439.759+/-3235.345 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1322.537+/-3631.018 χ^2/NDF : 4.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

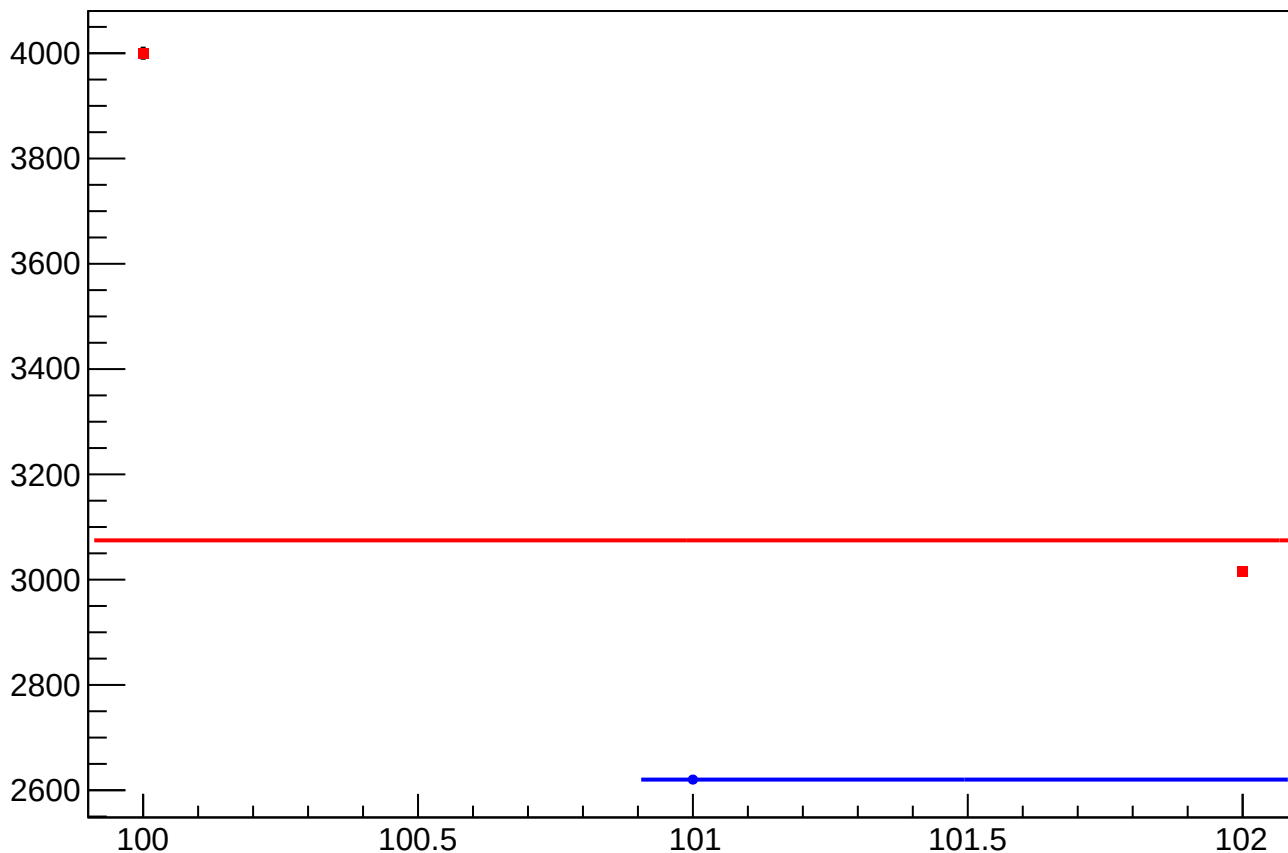
Right: -3004.432+/-2415.557 χ^2/NDF : 6.9/2

In: -6439.759+/-3235.345 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3004.432+/-2415.557 χ^2/NDF : 6.9/2

asym_bcm_cav4cQ_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 2620.190+/-2.288 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3074.630+/-2.568 χ^2/NDF : 8245.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

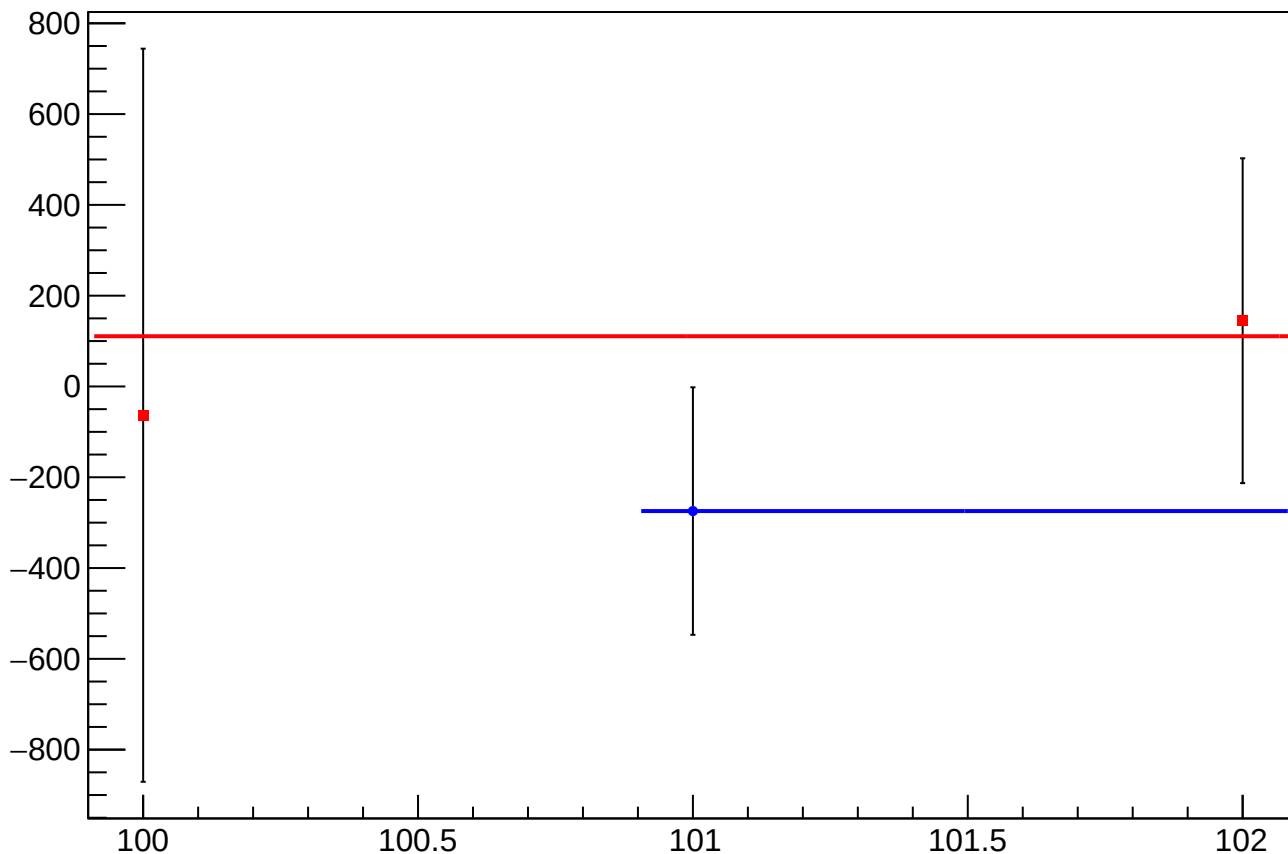
Right: 2821.309+/-1.708 χ^2/NDF : 25708.2/2

In: 2620.190+/-2.288 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2821.309+/-1.708 χ^2/NDF : 25708.2/2

asym_bcm_dg_us_an_us_avg_mean vs Slug, Sign Corrected



Right In: -274.445 $\pm$ 272.581 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 110.646 $\pm$ 327.093 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

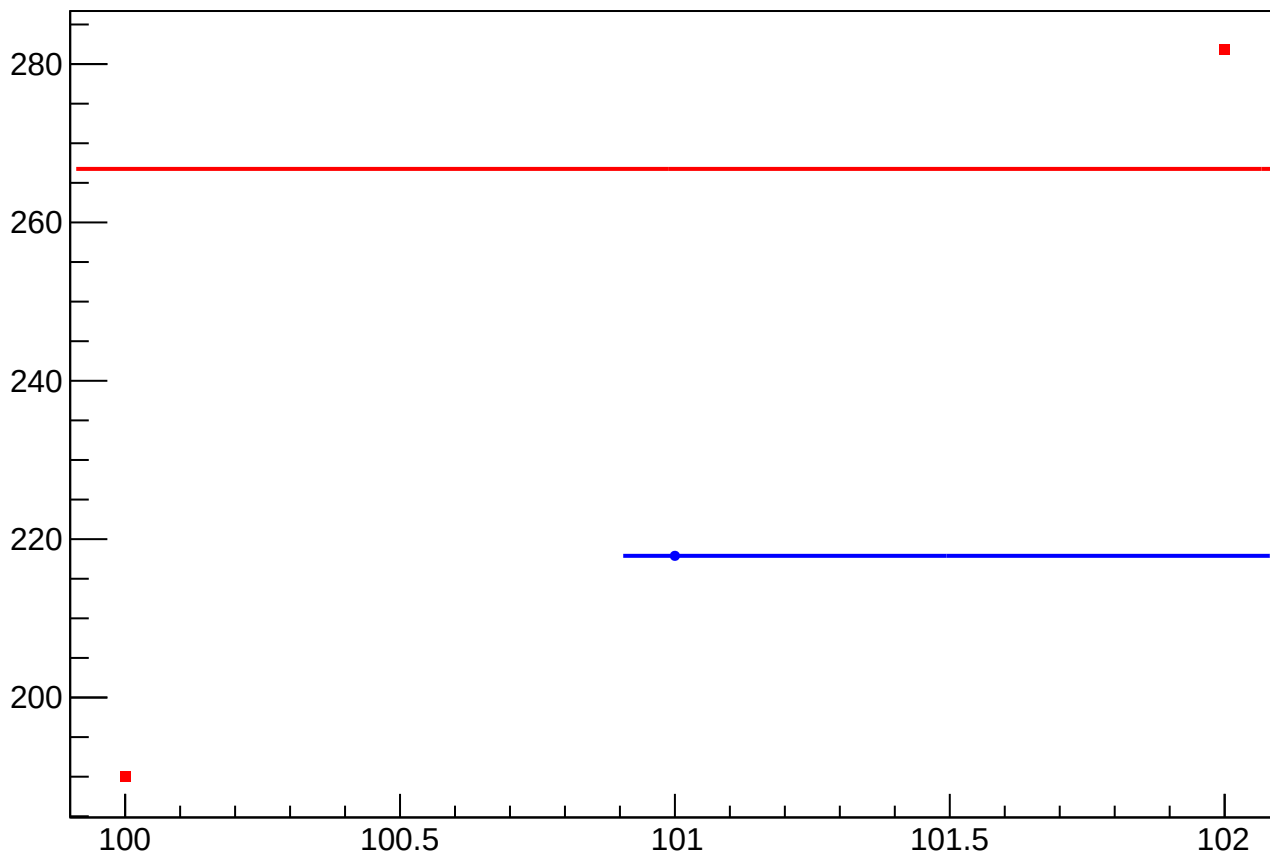
Right: -116.619 $\pm$ 209.401 χ^2 /NDF: 0.9/2

In: -274.445 $\pm$ 272.581 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -116.619 $\pm$ 209.401 χ^2 /NDF: 0.9/2

asym_bcm_dg_us_an_us_avg_rms vs Slug, Sign Corrected



Right In: 217.894 $\pm$ 0.193 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 266.761 $\pm$ 0.231 χ^2 /NDF: 21592.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

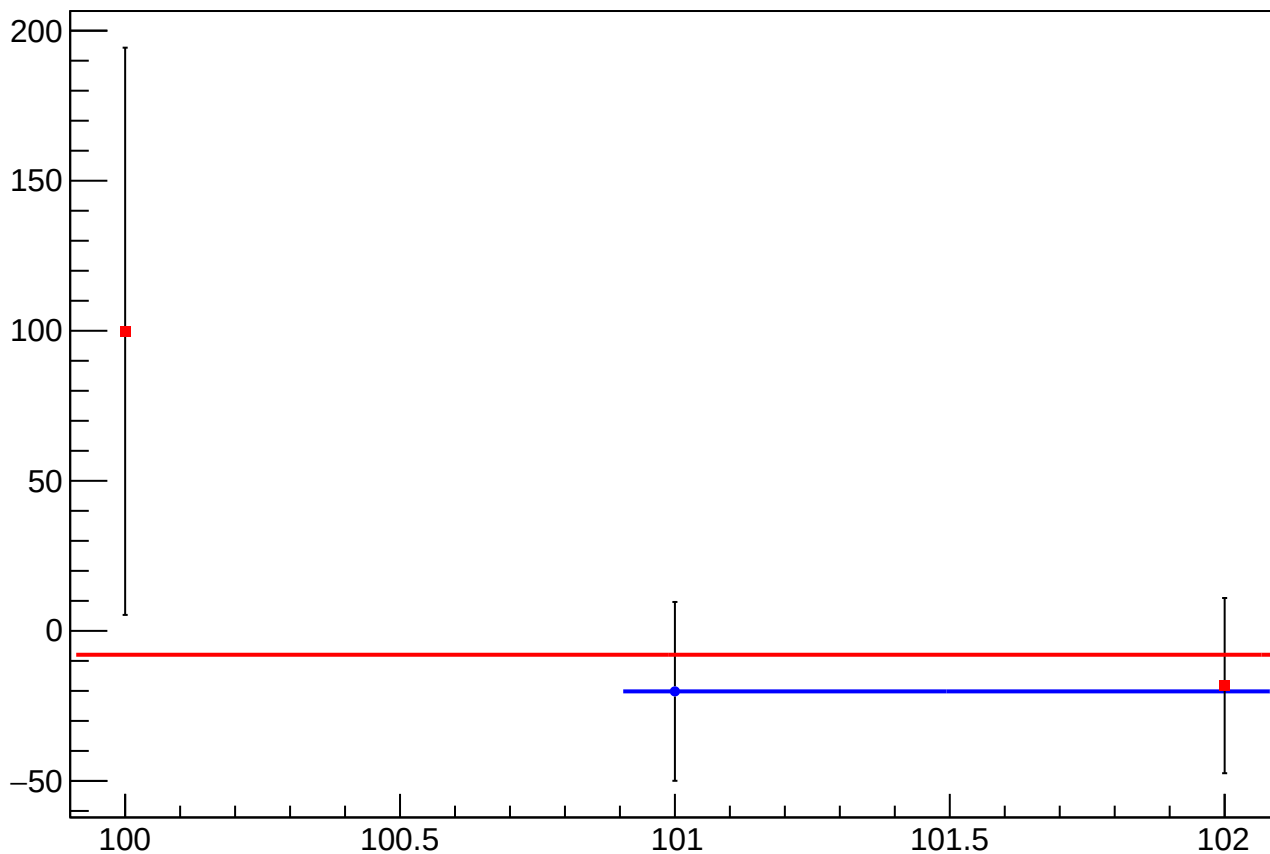
Right: 237.922 $\pm$ 0.148 χ^2 /NDF: 47936.9/2

In: 217.894 $\pm$ 0.193 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 237.922 $\pm$ 0.148 χ^2 /NDF: 47936.9/2

asym_bcm_dg_us_an_us_dd_mean vs Slug, Sign Corrected



Right In: -20.160 ± 29.796 χ^2/NDF : 0.0/0

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.954 ± 27.892 χ^2/NDF : 1.4/1

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

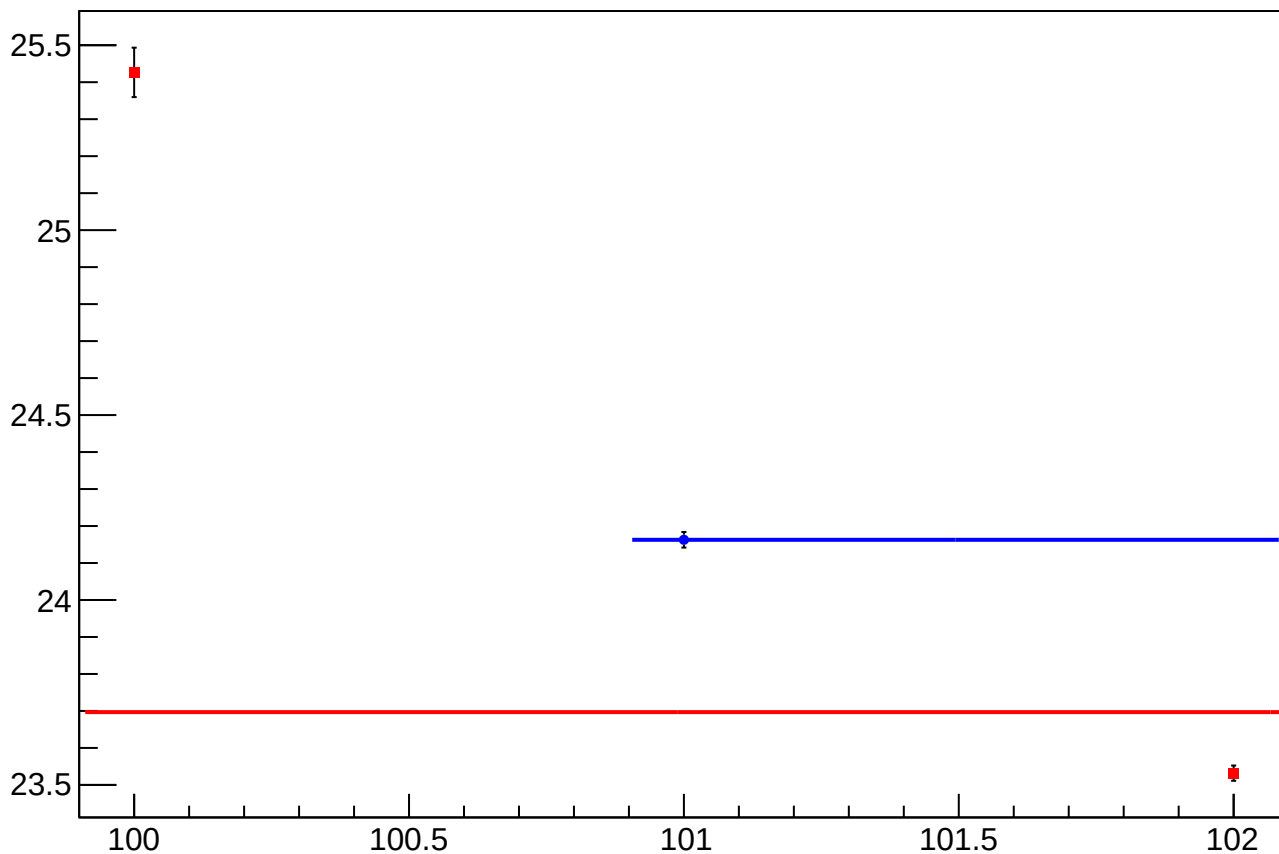
Right: -13.655 ± 20.363 χ^2/NDF : 1.5/2

In: -20.160 ± 29.796 χ^2/NDF : 0.0/0

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.655 ± 20.363 χ^2/NDF : 1.5/2

asym_bcm_dg_us_an_us_dd_rms vs Slug, Sign Corrected



Right In: 24.163 $\pm$ 0.021 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 23.697 $\pm$ 0.020 χ^2/NDF : 733.8/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

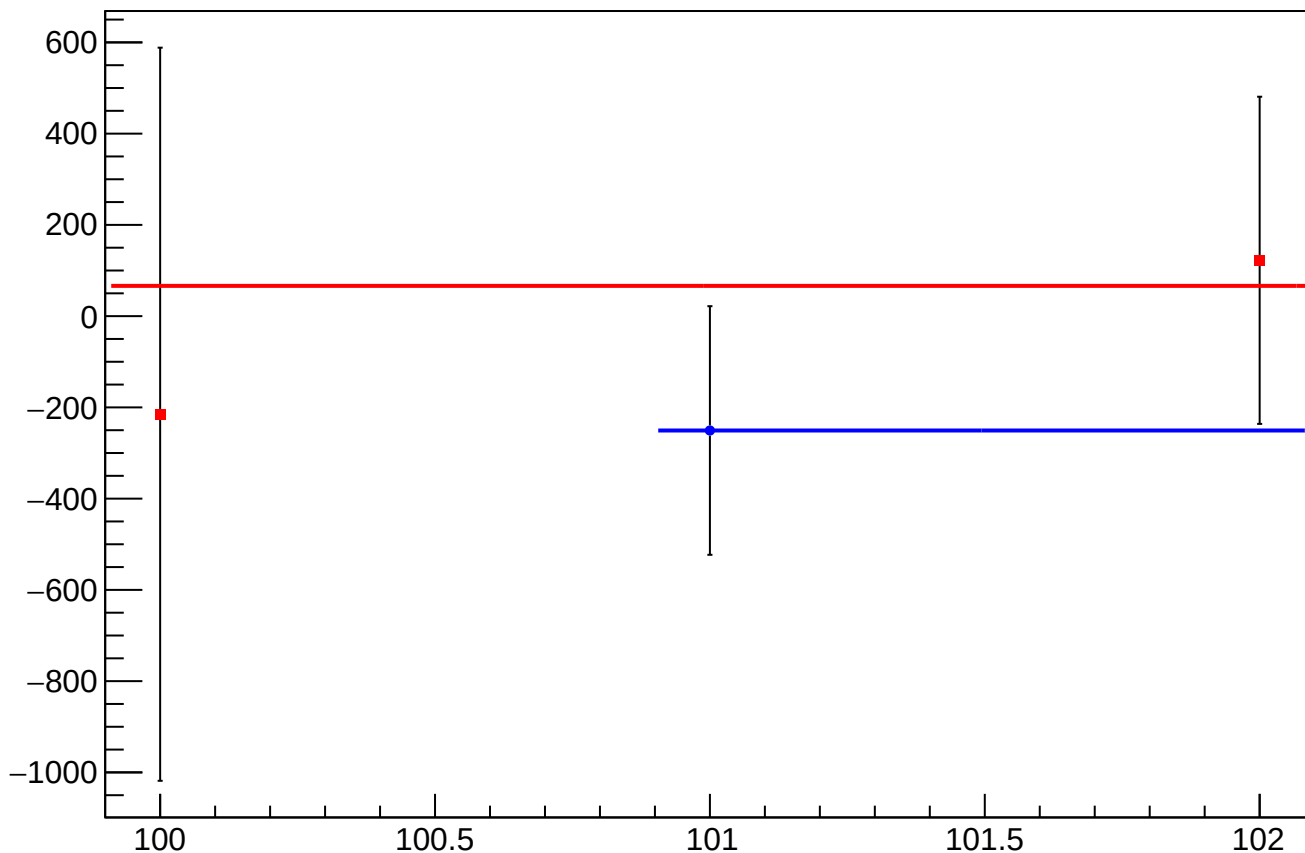
Right: 23.914 $\pm$ 0.014 χ^2/NDF : 994.5/2

In: 24.163 $\pm$ 0.021 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 23.914 $\pm$ 0.014 χ^2/NDF : 994.5/2

asym_bcm_dg_ds_an_us_avg_mean vs Slug, Sign Corrected



Right In: -250.651+/-272.464 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 66.350+/-327.408 χ^2 /NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

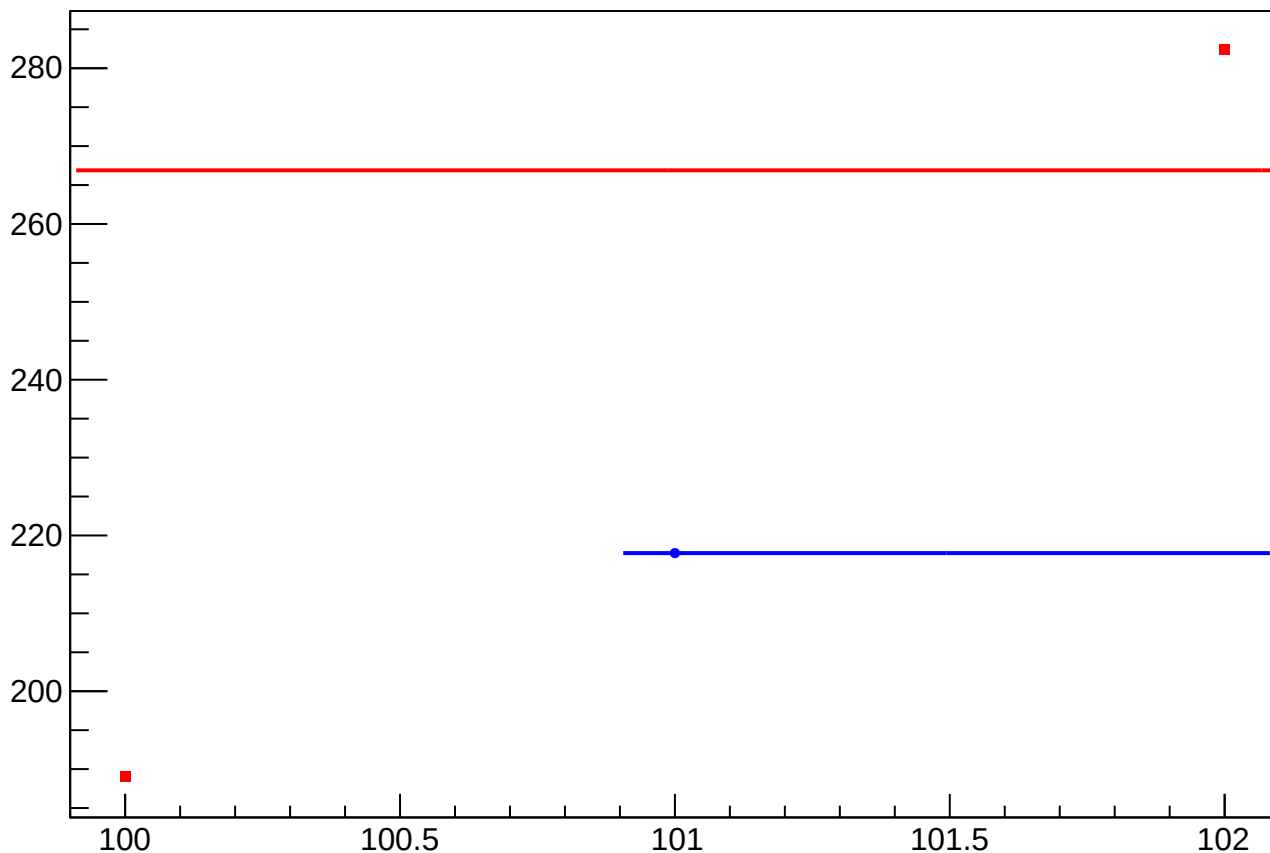
Right: -120.944+/-209.431 χ^2 /NDF: 0.7/2

In: -250.651+/-272.464 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -120.944+/-209.431 χ^2 /NDF: 0.7/2

asym_bcm_dg_ds_an_us_avg_rms vs Slug, Sign Corrected



Right In: 217.736 $\pm$ 0.193 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 266.888 $\pm$ 0.232 χ^2 /NDF: 22502.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

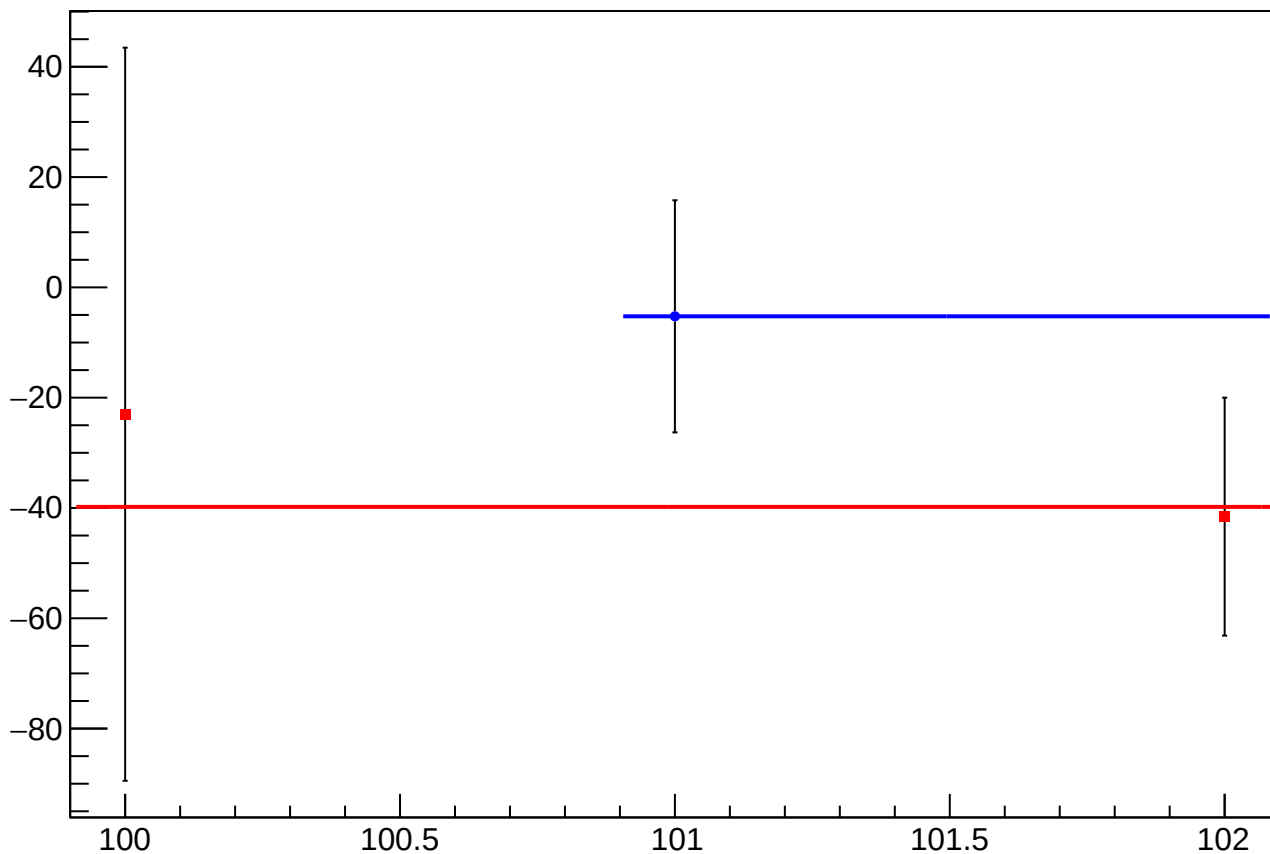
Right: 237.847 $\pm$ 0.148 χ^2 /NDF: 49134.4/2

In: 217.736 $\pm$ 0.193 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 237.847 $\pm$ 0.148 χ^2 /NDF: 49134.4/2

asym_bcm_dg_ds_an_us_dd_mean vs Slug, Sign Corrected



Right In: -5.247+/-21.045 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -39.804+/-20.519 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

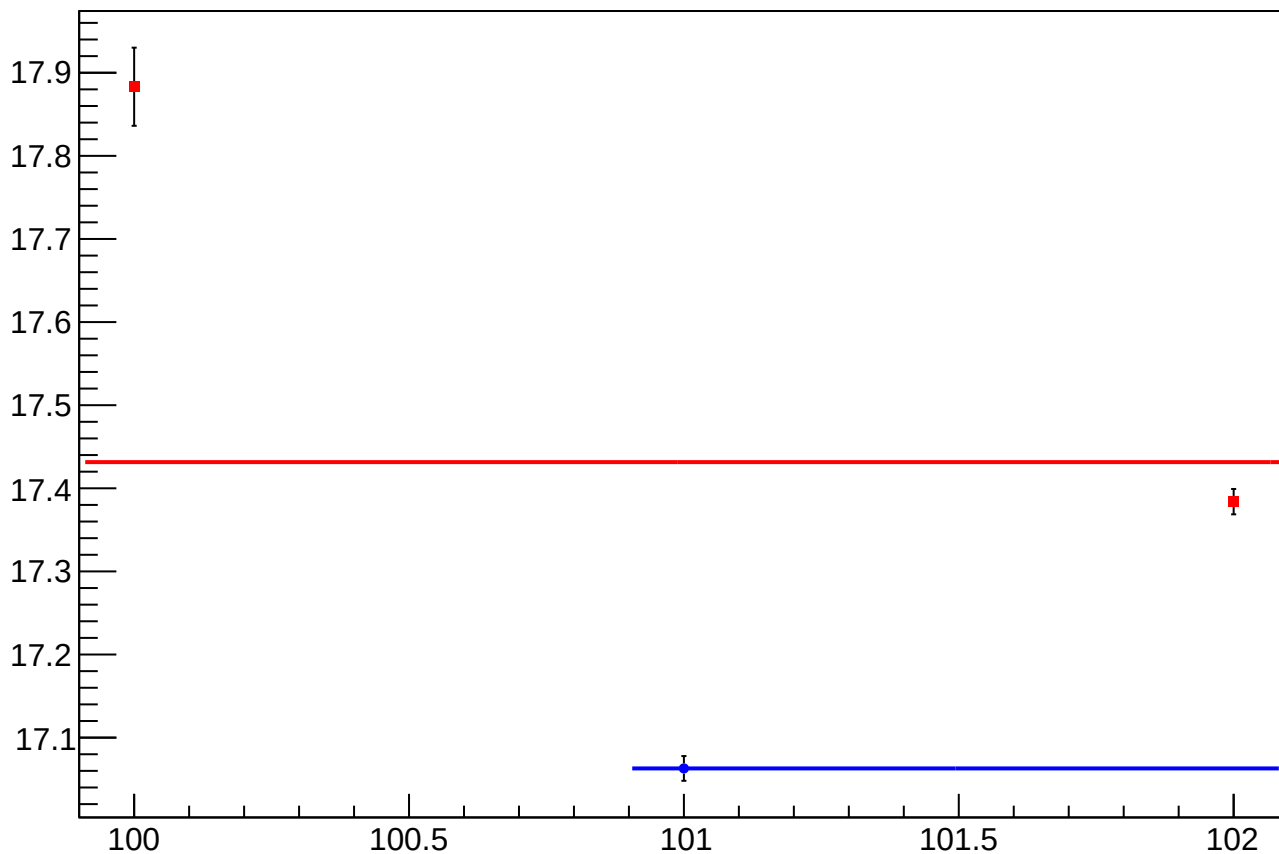
Right: -22.963+/-14.691 χ^2/NDF : 1.5/2

In: -5.247+/-21.045 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.963+/-14.691 χ^2/NDF : 1.5/2

asym_bcm_dg_ds_an_us_dd_rms vs Slug, Sign Corrected



Right In: 17.063 $\pm$ 0.015 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.432 $\pm$ 0.015 χ^2 /NDF: 102.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

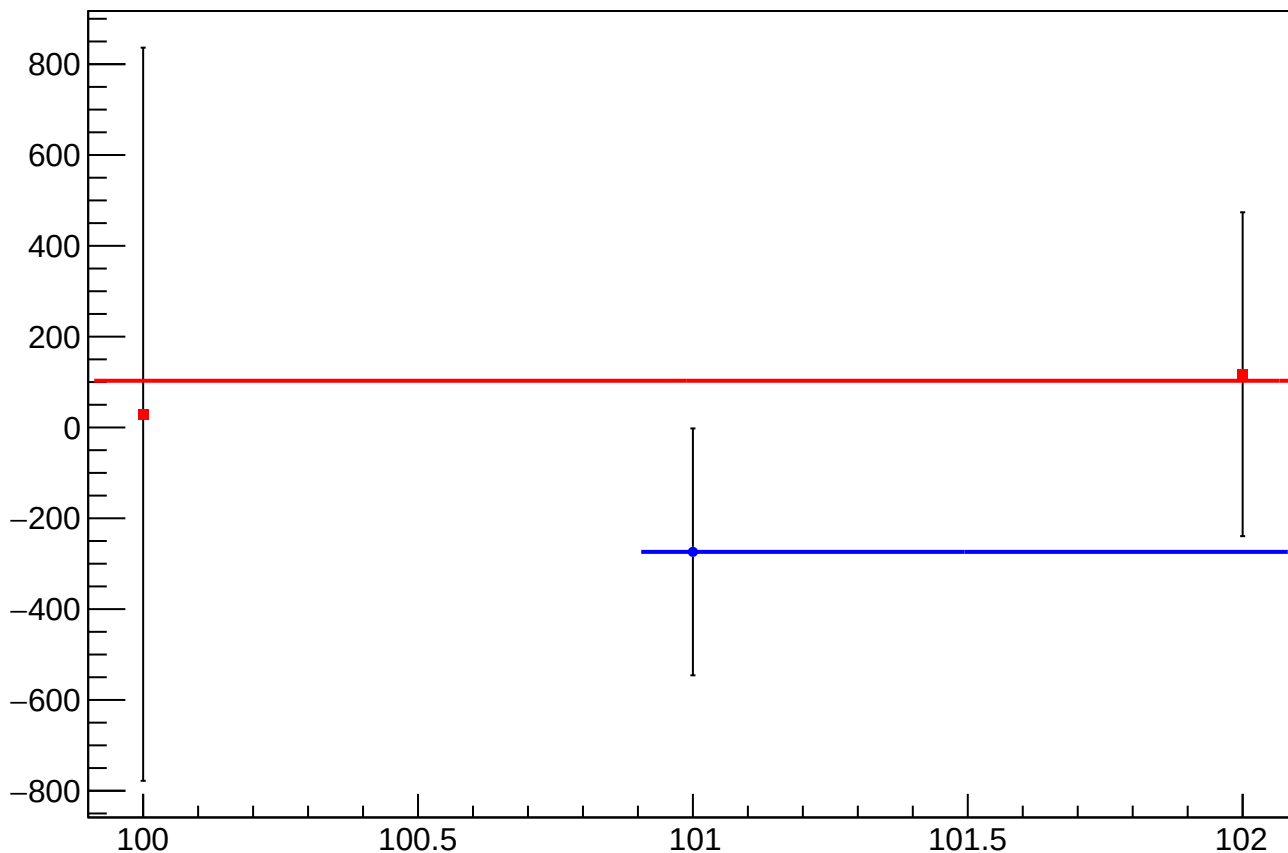
Right: 17.252 $\pm$ 0.010 χ^2 /NDF: 416.6/2

In: 17.063 $\pm$ 0.015 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.252 $\pm$ 0.010 χ^2 /NDF: 416.6/2

asym_bcm_dg_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -273.924+/-271.829 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.895+/-326.193 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

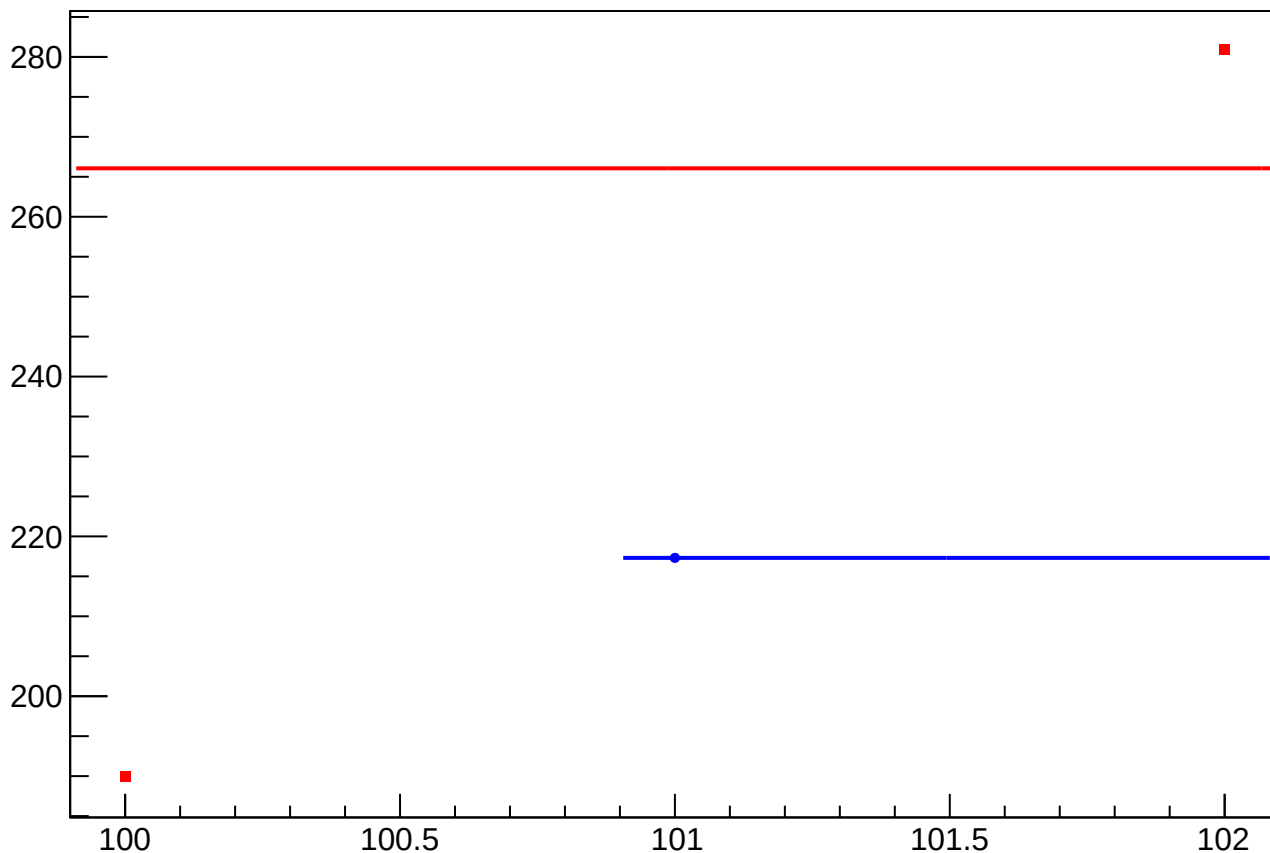
Right: -119.489+/-208.824 χ^2/NDF : 0.8/2

In: -273.924+/-271.829 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -119.489+/-208.824 χ^2/NDF : 0.8/2

asym_bcm_dg_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 217.311 $\pm$ 0.192 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 266.060 $\pm$ 0.231 χ^2 /NDF: 21230.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

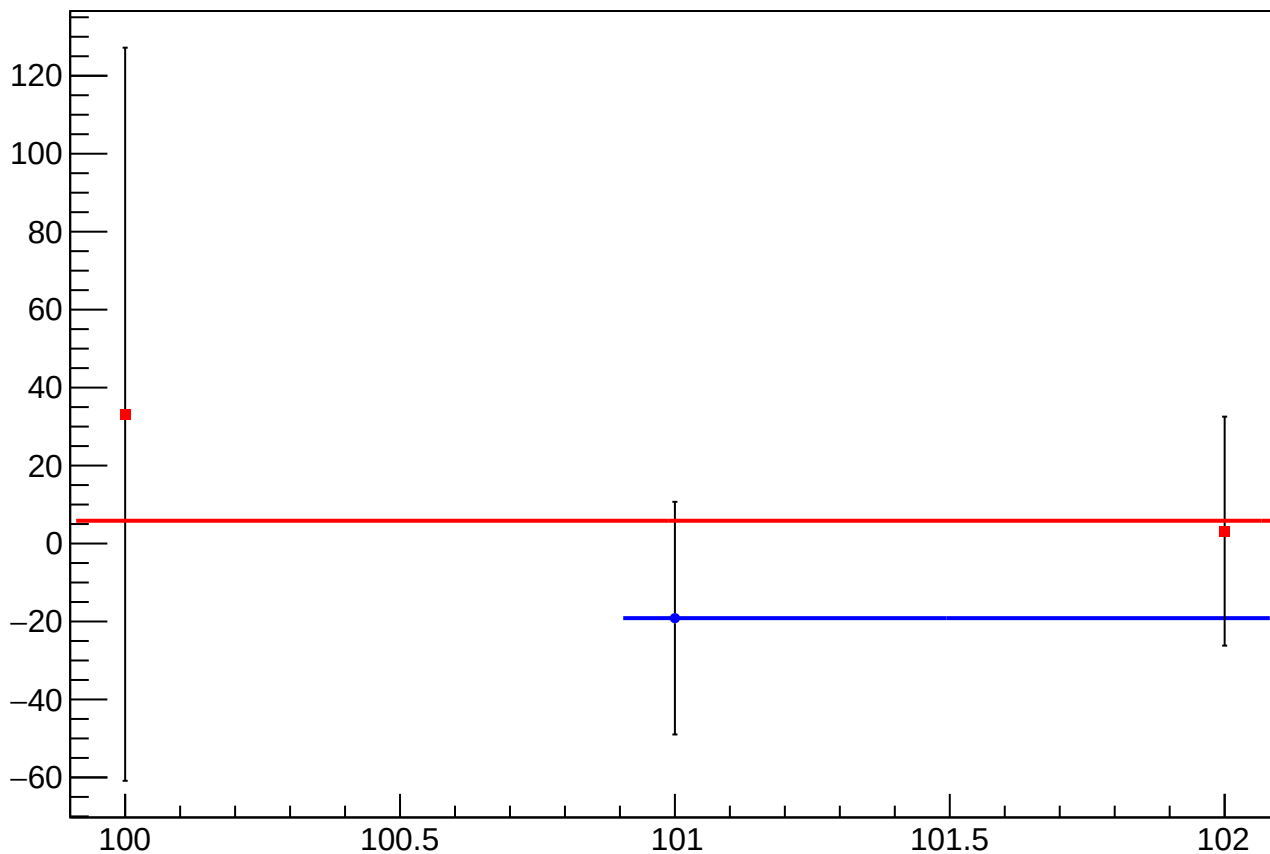
Right: 237.290 $\pm$ 0.148 χ^2 /NDF: 47592.1/2

In: 217.311 $\pm$ 0.192 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 237.290 $\pm$ 0.148 χ^2 /NDF: 47592.1/2

asym_bcm_dg_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -19.139 $\pm$ 29.841 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 5.844 $\pm$ 28.032 χ^2/NDF : 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

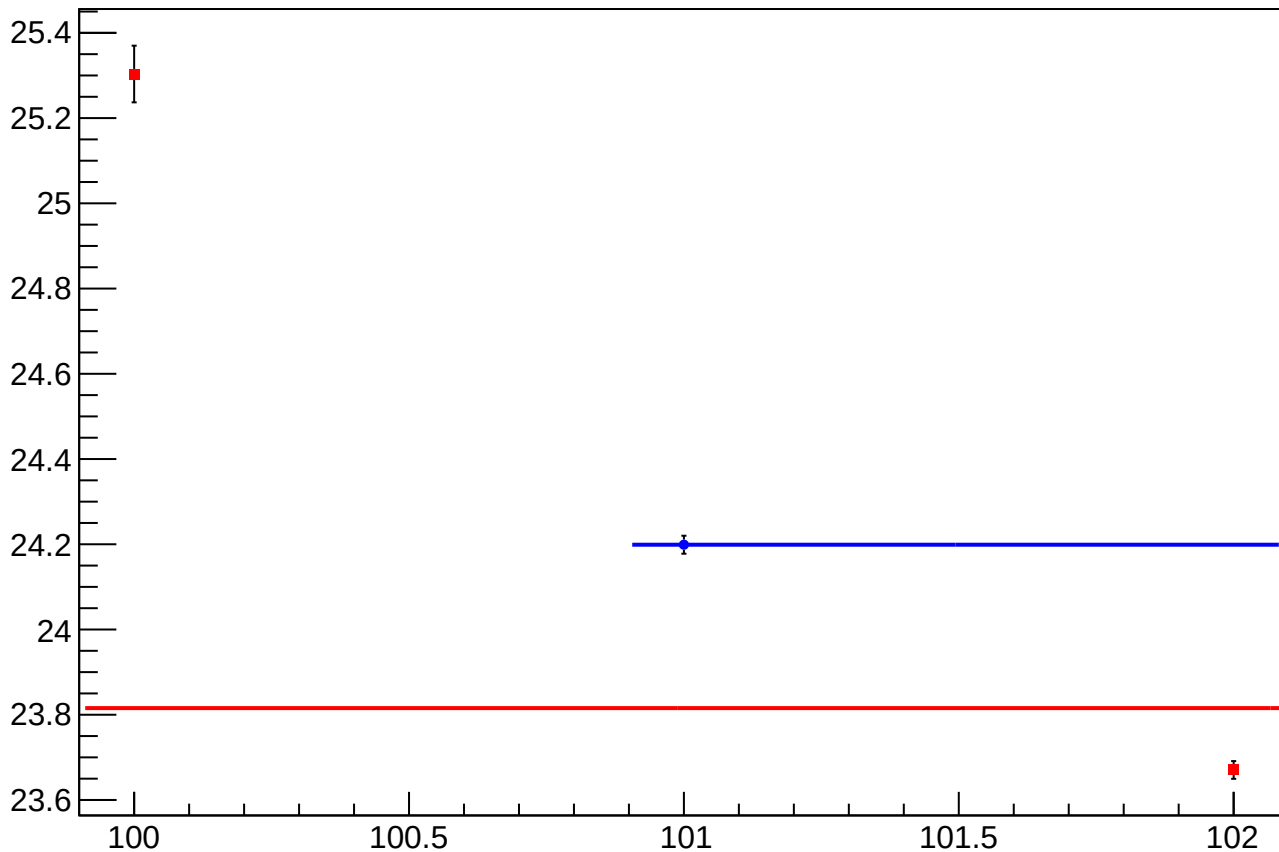
Right: -5.867 $\pm$ 20.431 χ^2/NDF : 0.5/2

In: -19.139 $\pm$ 29.841 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -5.867 $\pm$ 20.431 χ^2/NDF : 0.5/2

asym_bcm_dg_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 24.199 $\pm$ 0.021 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 23.816 $\pm$ 0.020 χ^2/NDF : 549.5/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

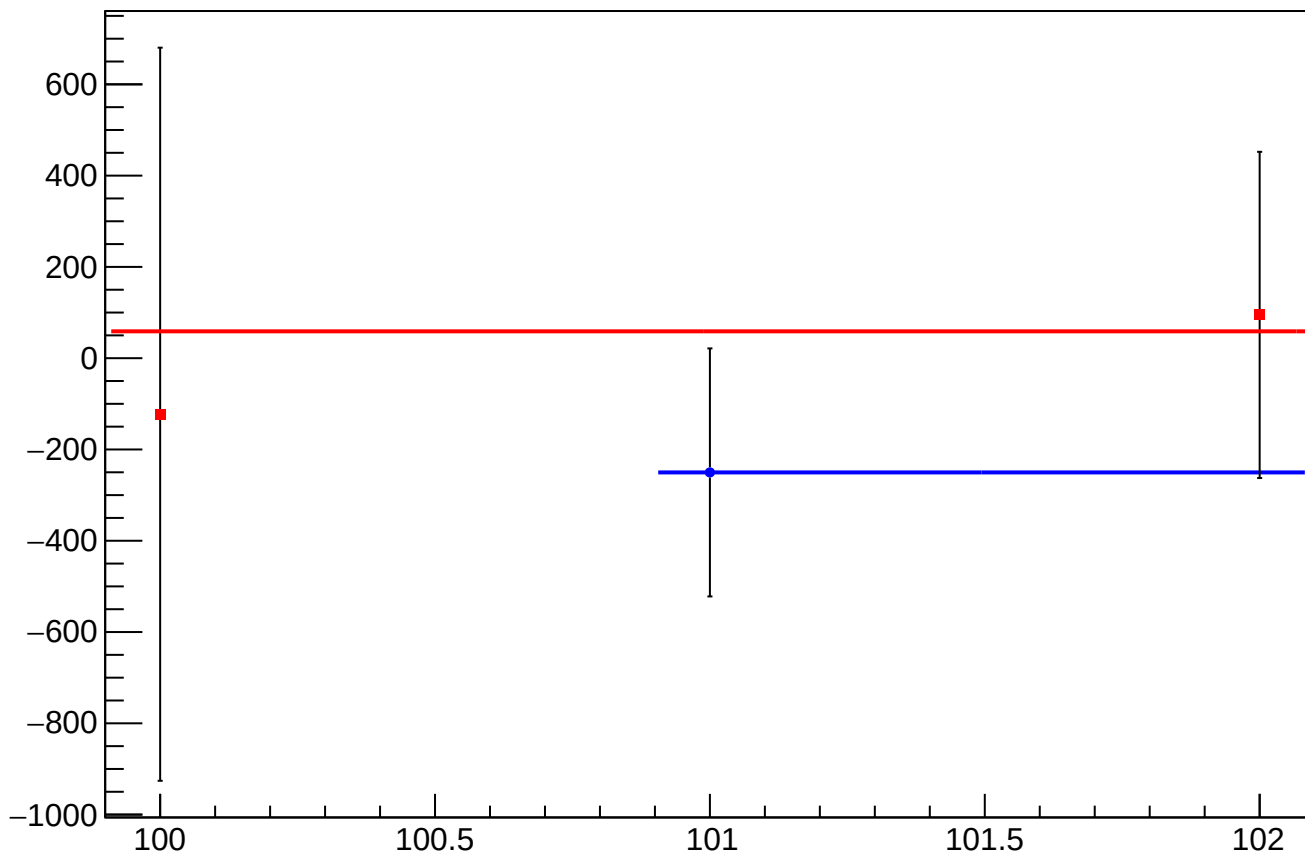
Right: 23.995 $\pm$ 0.014 χ^2/NDF : 724.9/2

In: 24.199 $\pm$ 0.021 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 23.995 $\pm$ 0.014 χ^2/NDF : 724.9/2

asym_bcm_dg_ds_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -250.294+/-271.719 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.836+/-326.513 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

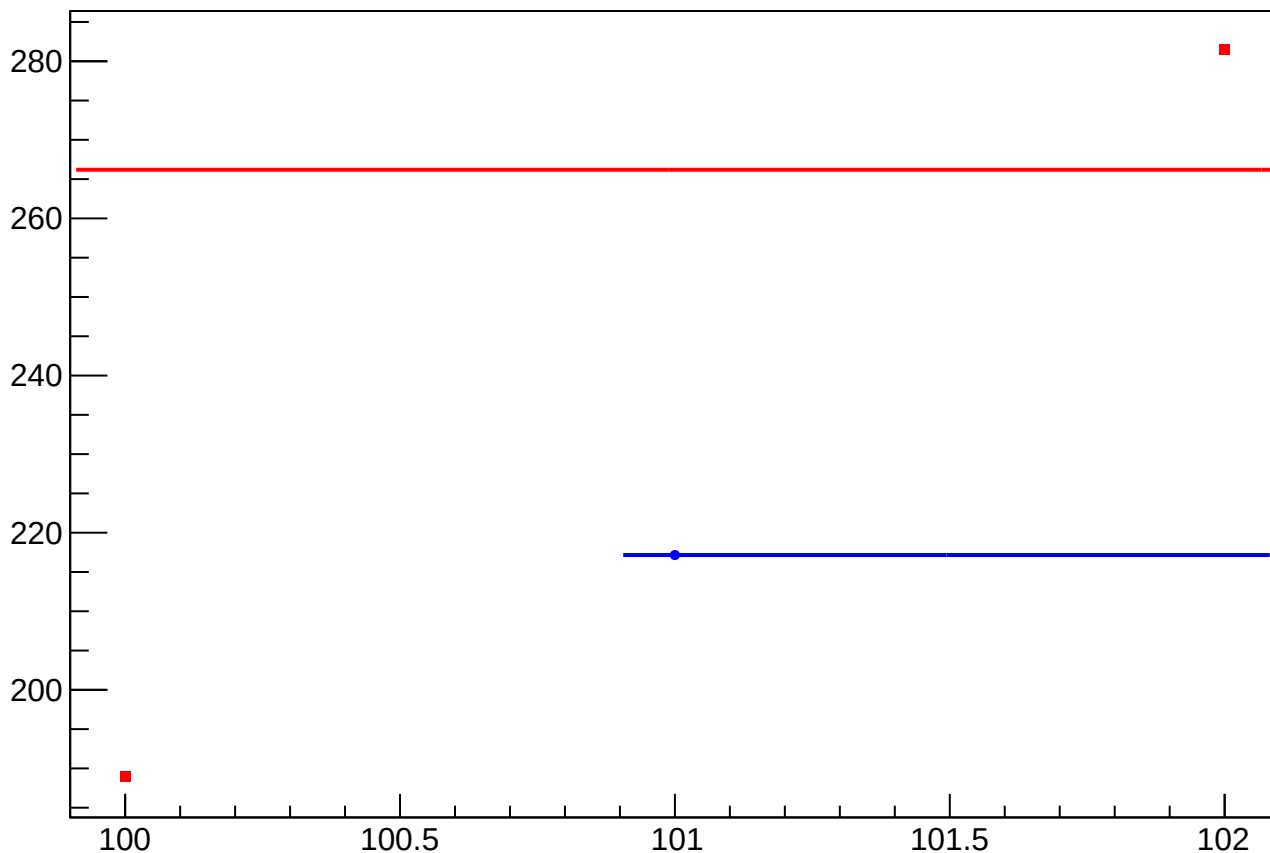
Right: -123.807+/-208.858 χ^2/NDF : 0.6/2

In: -250.294+/-271.719 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -123.807+/-208.858 χ^2/NDF : 0.6/2

asym_bcm_dg_ds_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 217.160 $\pm$ 0.192 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 266.191 $\pm$ 0.231 χ^2 /NDF: 22137.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

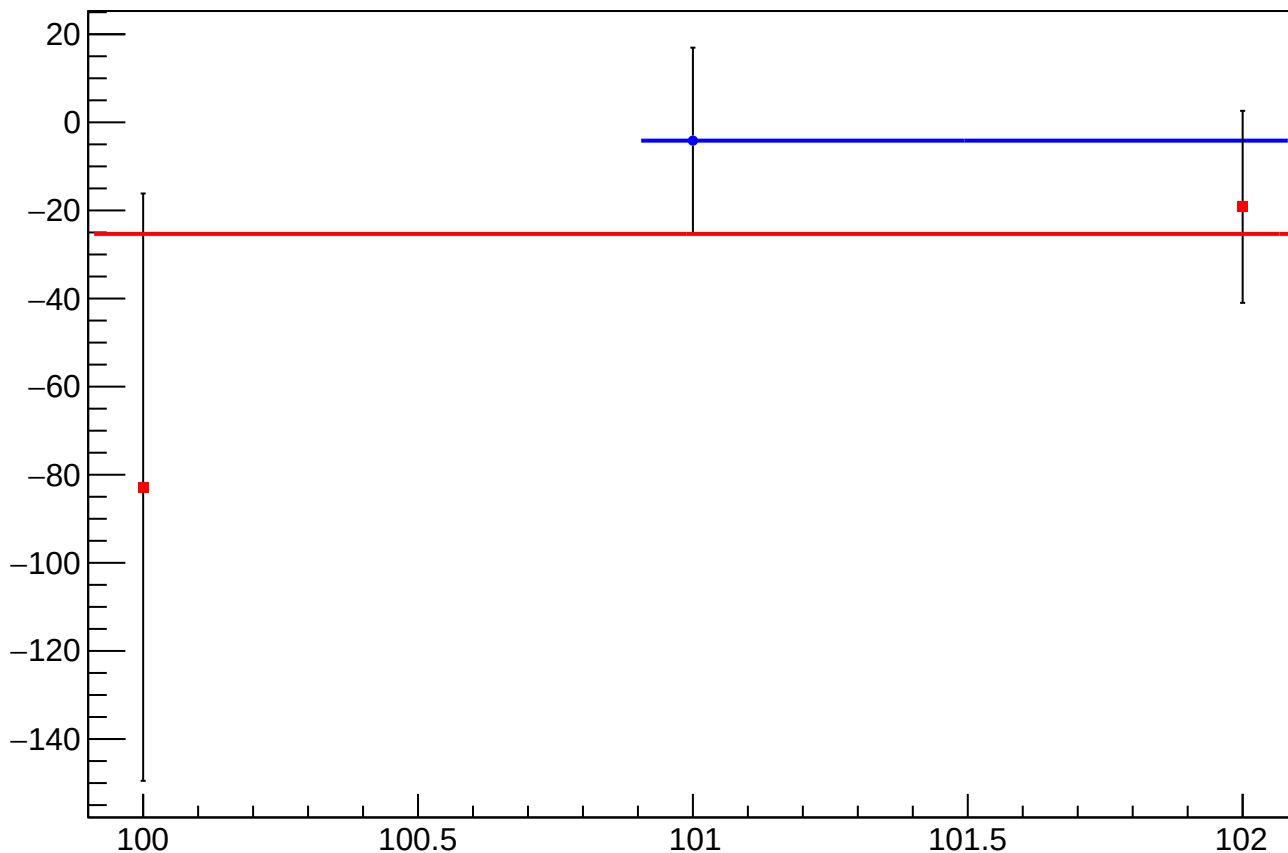
Right: 237.222 $\pm$ 0.148 χ^2 /NDF: 48784.2/2

In: 217.160 $\pm$ 0.192 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 237.222 $\pm$ 0.148 χ^2 /NDF: 48784.2/2

asym_bcm_dg_ds_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -4.155+/-21.108 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.325+/-20.715 χ^2/NDF : 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

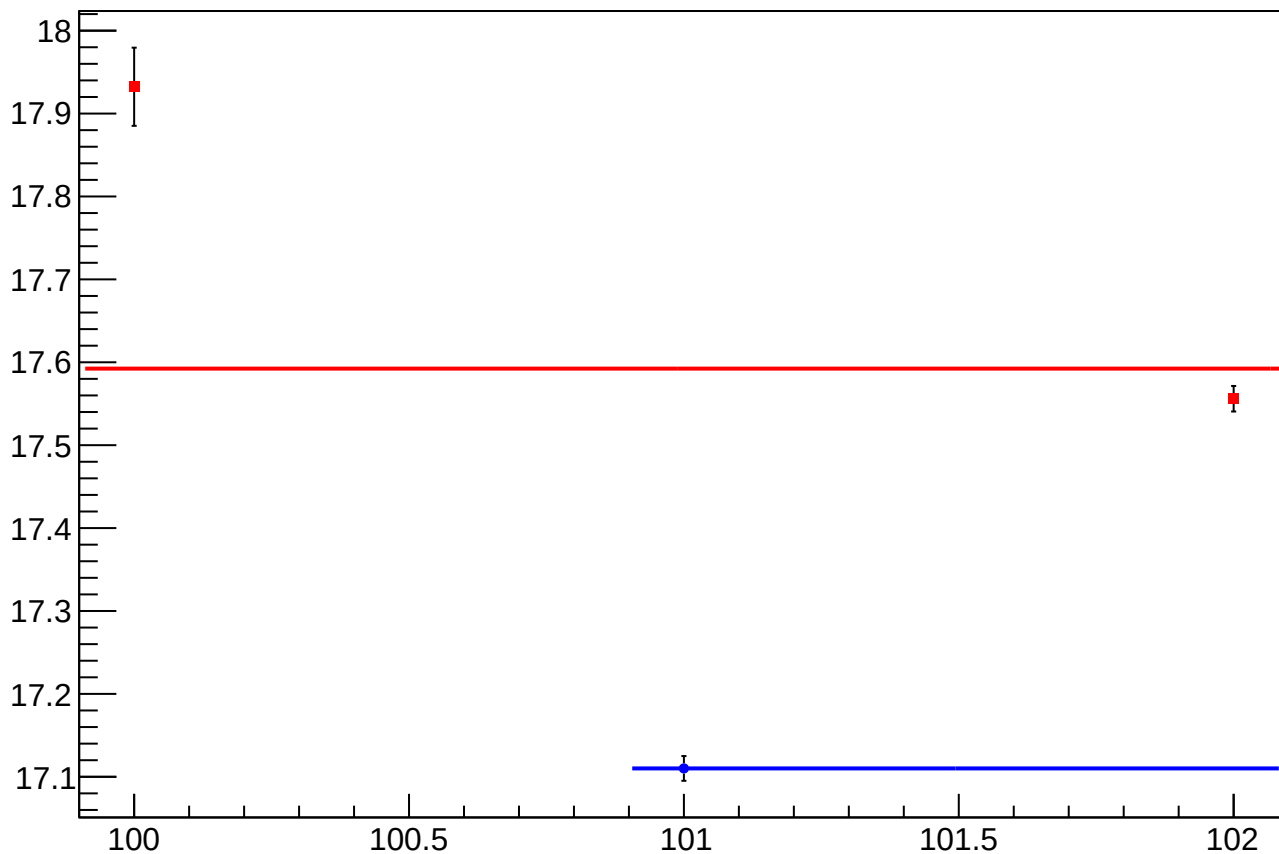
Right: -14.939+/-14.785 χ^2/NDF : 1.3/2

In: -4.155+/-21.108 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.939+/-14.785 χ^2/NDF : 1.3/2

asym_bcm_dg_ds_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 17.110 $\pm$ 0.015 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 17.592 $\pm$ 0.015 χ^2/NDF : 57.6/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

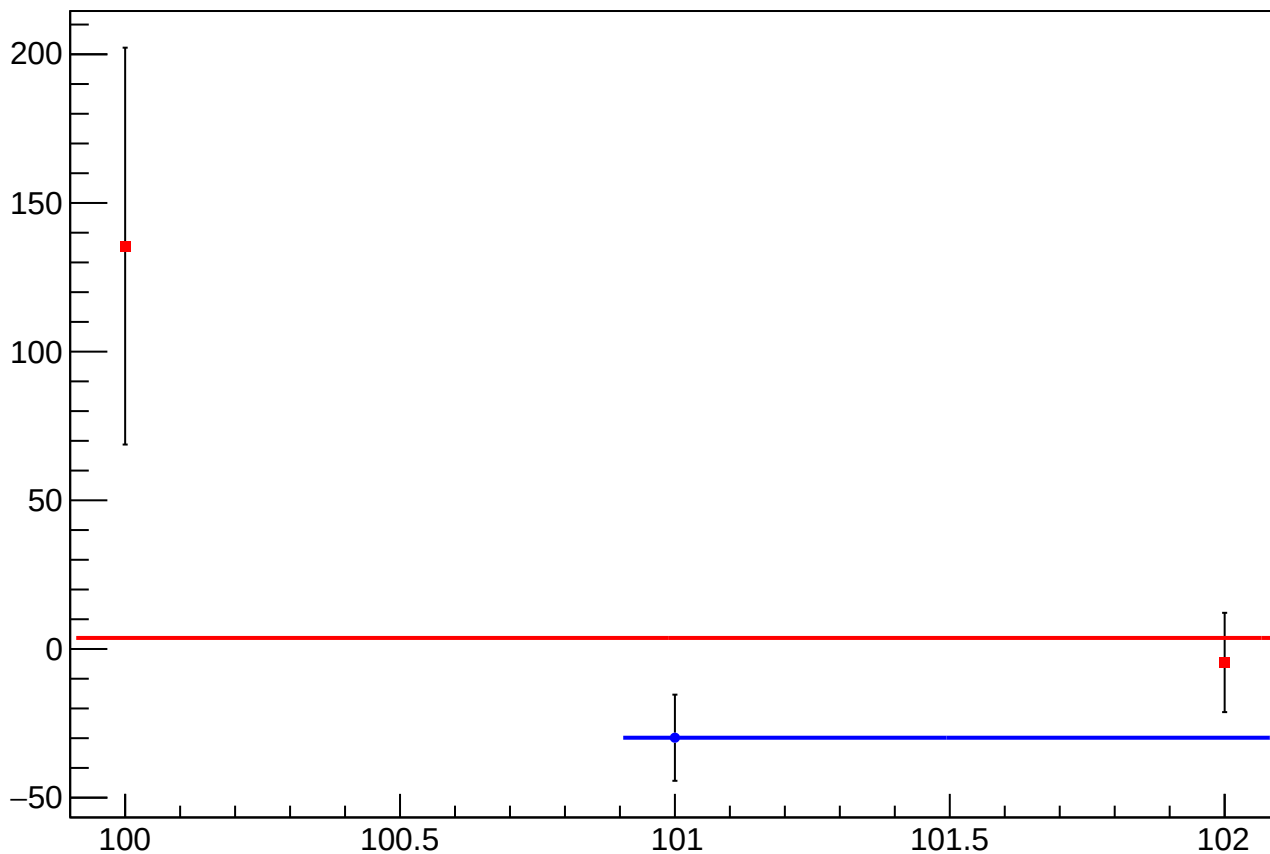
Right: 17.356 $\pm$ 0.010 χ^2/NDF : 589.4/2

In: 17.110 $\pm$ 0.015 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 17.356 $\pm$ 0.010 χ^2/NDF : 589.4/2

diff_bpm_4aX_4acX_avg_mean vs Slug, Sign Corrected



Right In: -29.843 $\pm$ 14.486 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.714 $\pm$ 16.197 χ^2 /NDF: 4.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

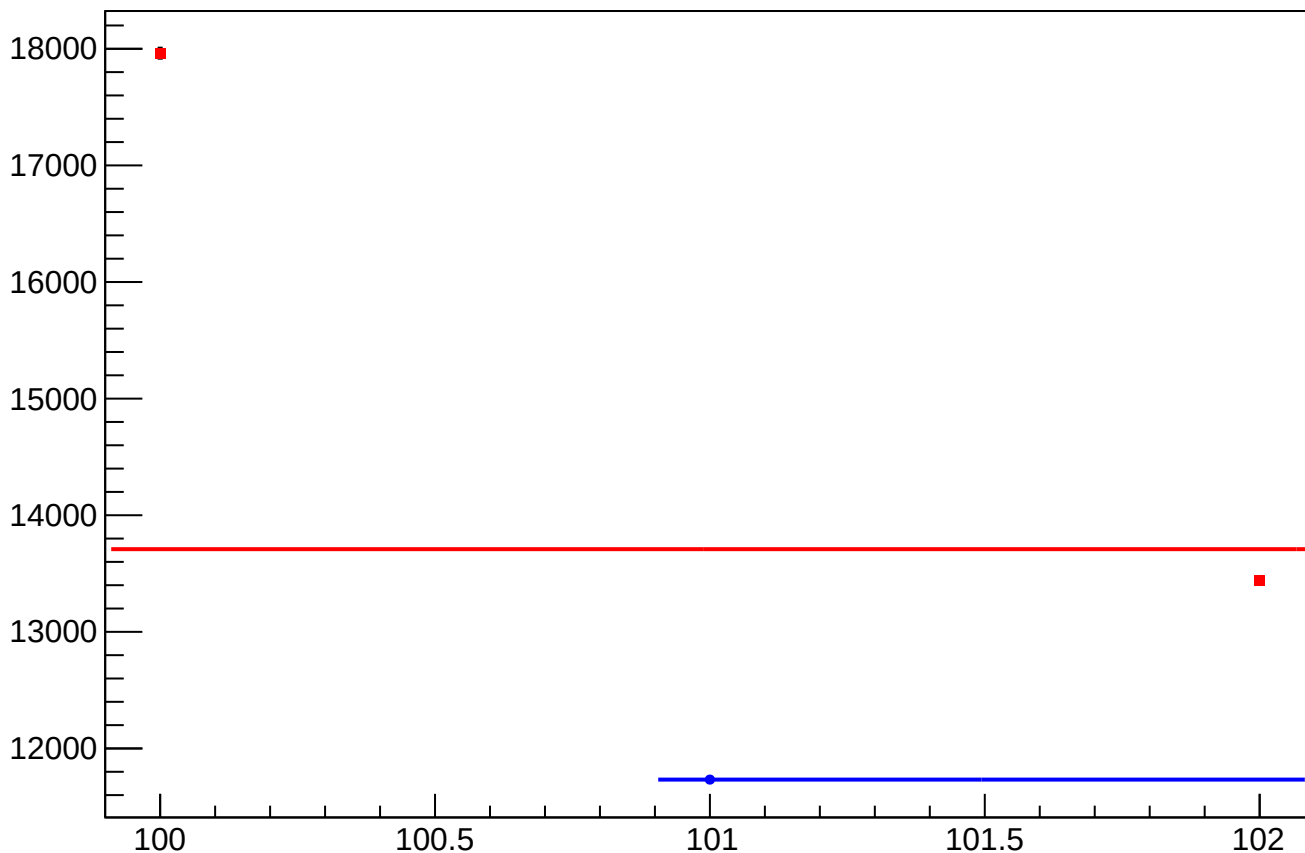
Right: -14.929 $\pm$ 10.798 χ^2 /NDF: 6.5/2

In: -29.843 $\pm$ 14.486 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.929 $\pm$ 10.798 χ^2 /NDF: 6.5/2

diff_bpm_4aX_4acX_avg_rms vs Slug, Sign Corrected



Right In: 11732.968+/-10.243 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13709.135+/-11.453 χ^2/NDF : 8632.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

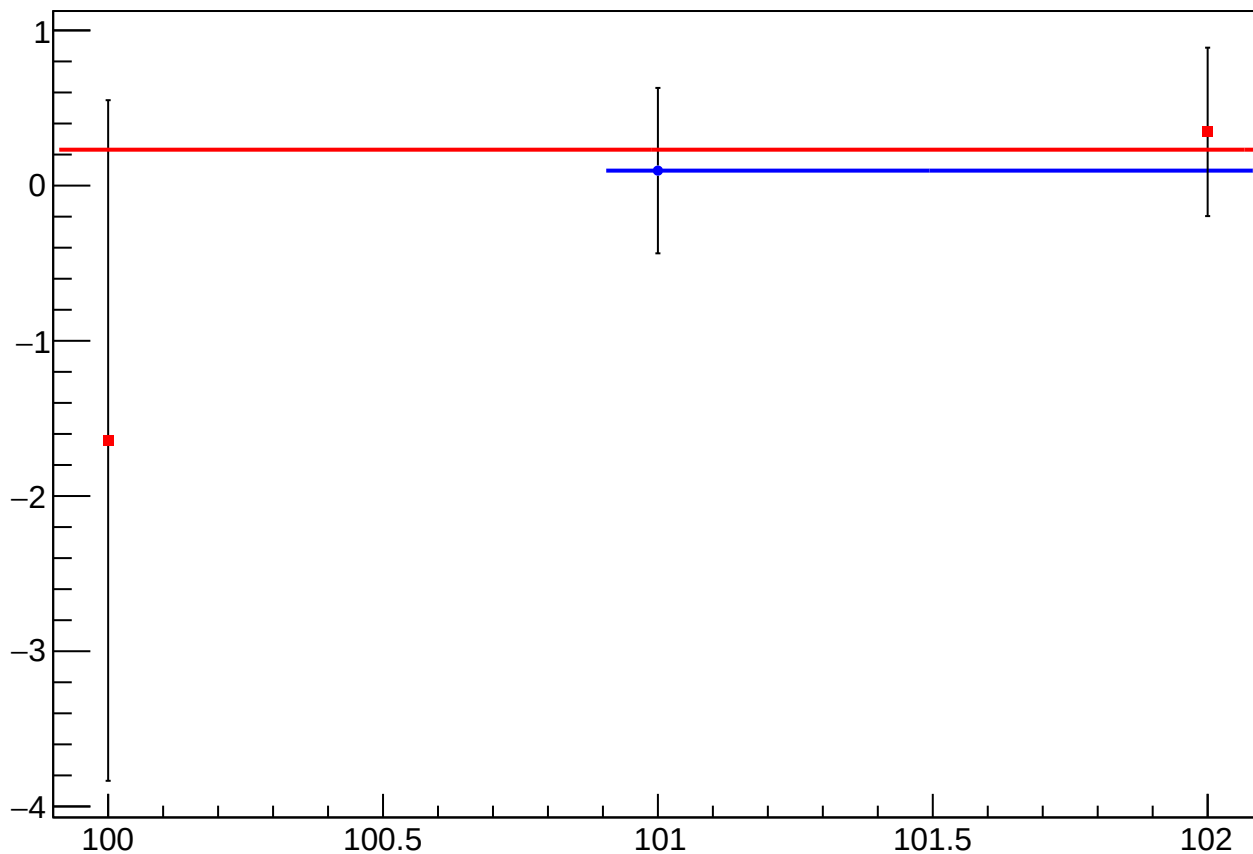
Right: 12611.245+/-7.635 χ^2/NDF : 25174.1/2

In: 11732.968+/-10.243 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12611.245+/-7.635 χ^2/NDF : 25174.1/2

diff_bpm_4aX_4acX_dd_mean vs Slug, Sign Corrected



Right In: 0.097 $\pm$ 0.533 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.231 $\pm$ 0.527 χ^2 /NDF: 0.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

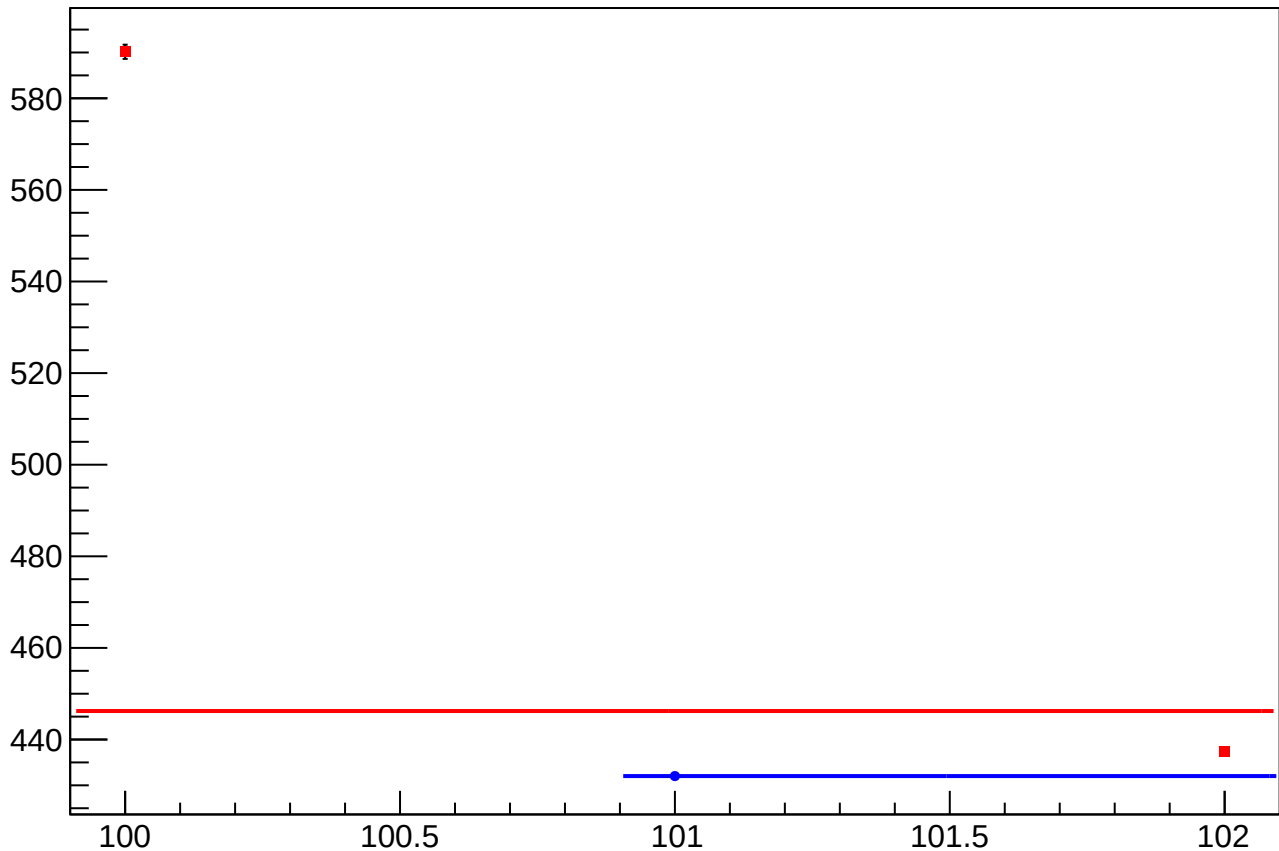
Right: 0.165 $\pm$ 0.375 χ^2 /NDF: 0.8/2

In: 0.097 $\pm$ 0.533 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.165 $\pm$ 0.375 χ^2 /NDF: 0.8/2

diff_bpm_4aX_4acX_dd_rms vs Slug, Sign Corrected



Right In: 432.021+/-0.377 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 446.224+/-0.372 χ^2/NDF : 9146.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

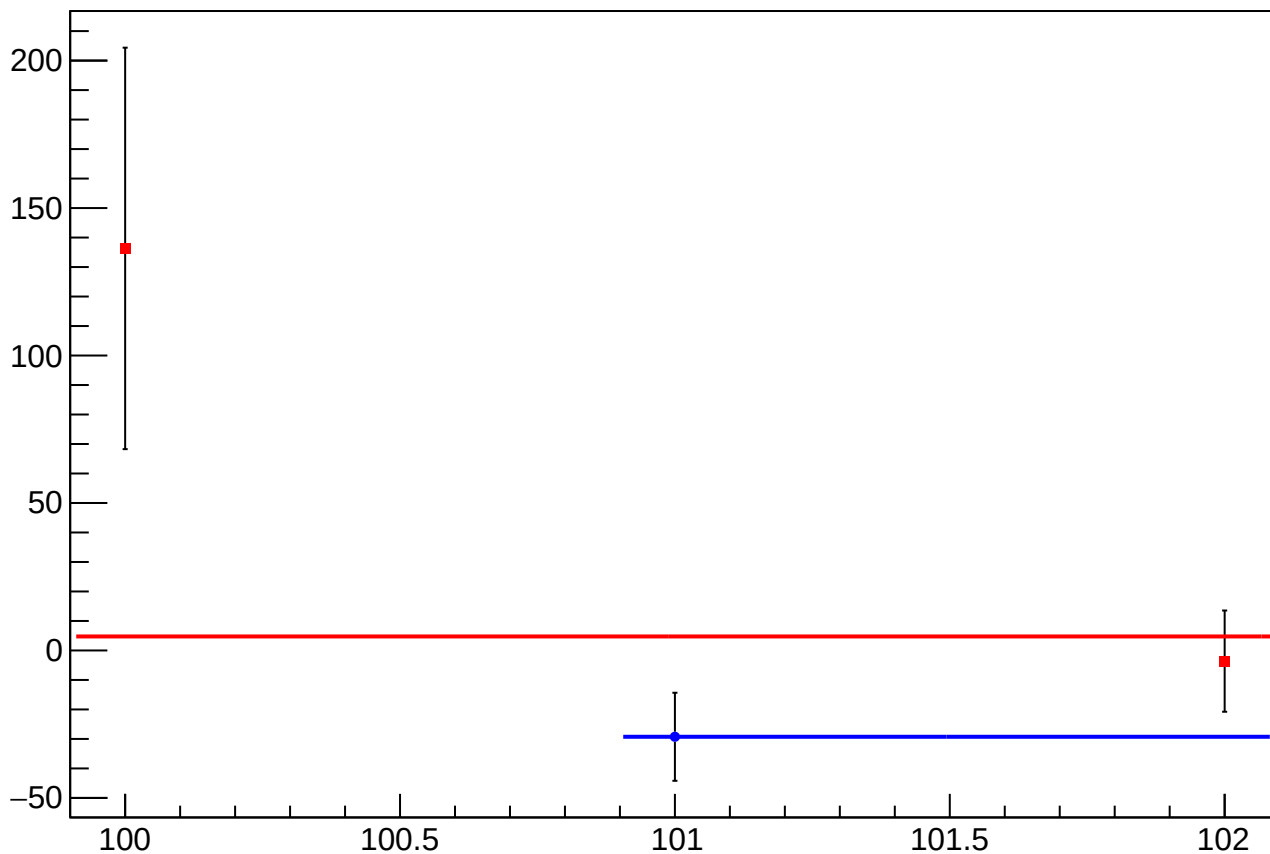
Right: 439.205+/-0.265 χ^2/NDF : 9865.3/2

In: 432.021+/-0.377 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 439.205+/-0.265 χ^2/NDF : 9865.3/2

diff_bpm_4aX_4eX_avg_mean vs Slug, Sign Corrected



Right In: -29.267 $\pm$ 14.926 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4.748 $\pm$ 16.641 χ^2 /NDF: 4.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

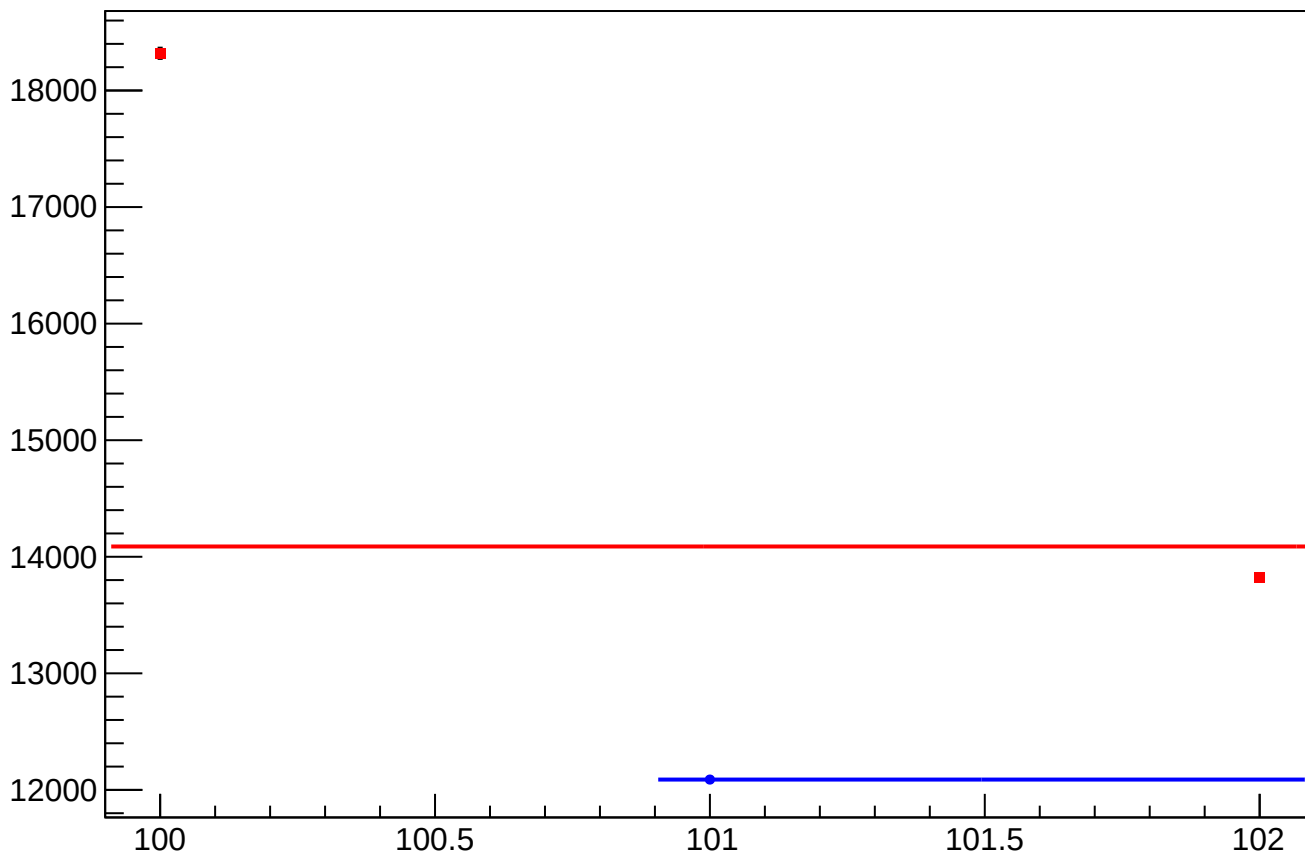
Right: -14.102 $\pm$ 11.111 χ^2 /NDF: 6.3/2

In: -29.267 $\pm$ 14.926 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -14.102 $\pm$ 11.111 χ^2 /NDF: 6.3/2

diff_bpm_4aX_4eX_avg_rms vs Slug, Sign Corrected



Right In: 12088.663 $\pm$ 10.554 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 14088.191 $\pm$ 11.767 χ^2 /NDF: 8221.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

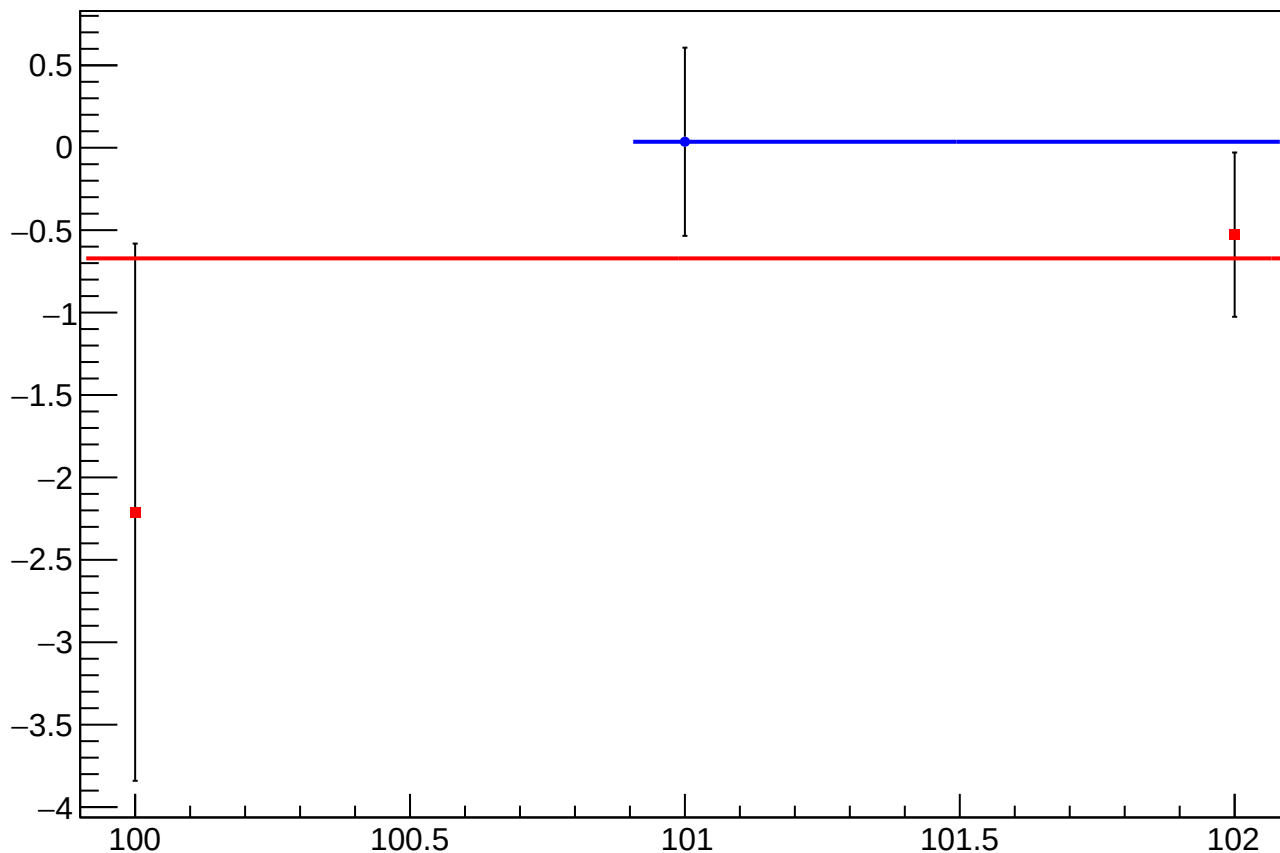
Right: 12980.113 $\pm$ 7.857 χ^2 /NDF: 24222.4/2

In: 12088.663 $\pm$ 10.554 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 12980.113 $\pm$ 7.857 χ^2 /NDF: 24222.4/2

diff_bpm_4aX_4eX_dd_mean vs Slug, Sign Corrected



Right In: 0.036 $\pm$ 0.571 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.671 $\pm$ 0.476 χ^2 /NDF: 1.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

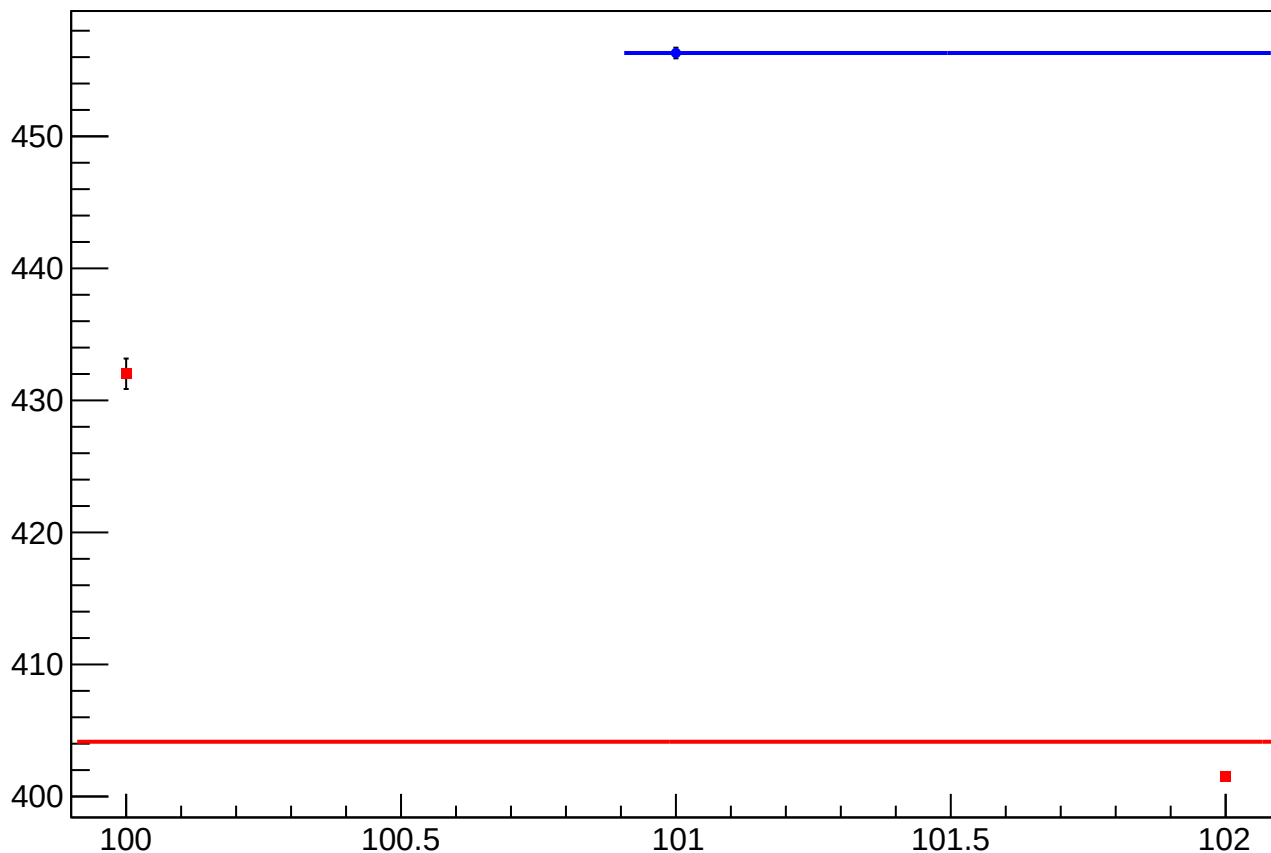
Right: -0.381 $\pm$ 0.366 χ^2 /NDF: 1.9/2

In: 0.036 $\pm$ 0.571 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.381 $\pm$ 0.366 χ^2 /NDF: 1.9/2

diff_bpm_4aX_4eX_dd_rms vs Slug, Sign Corrected



Right In: 456.313+/-0.404 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 404.147+/-0.337 χ^2/NDF : 639.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

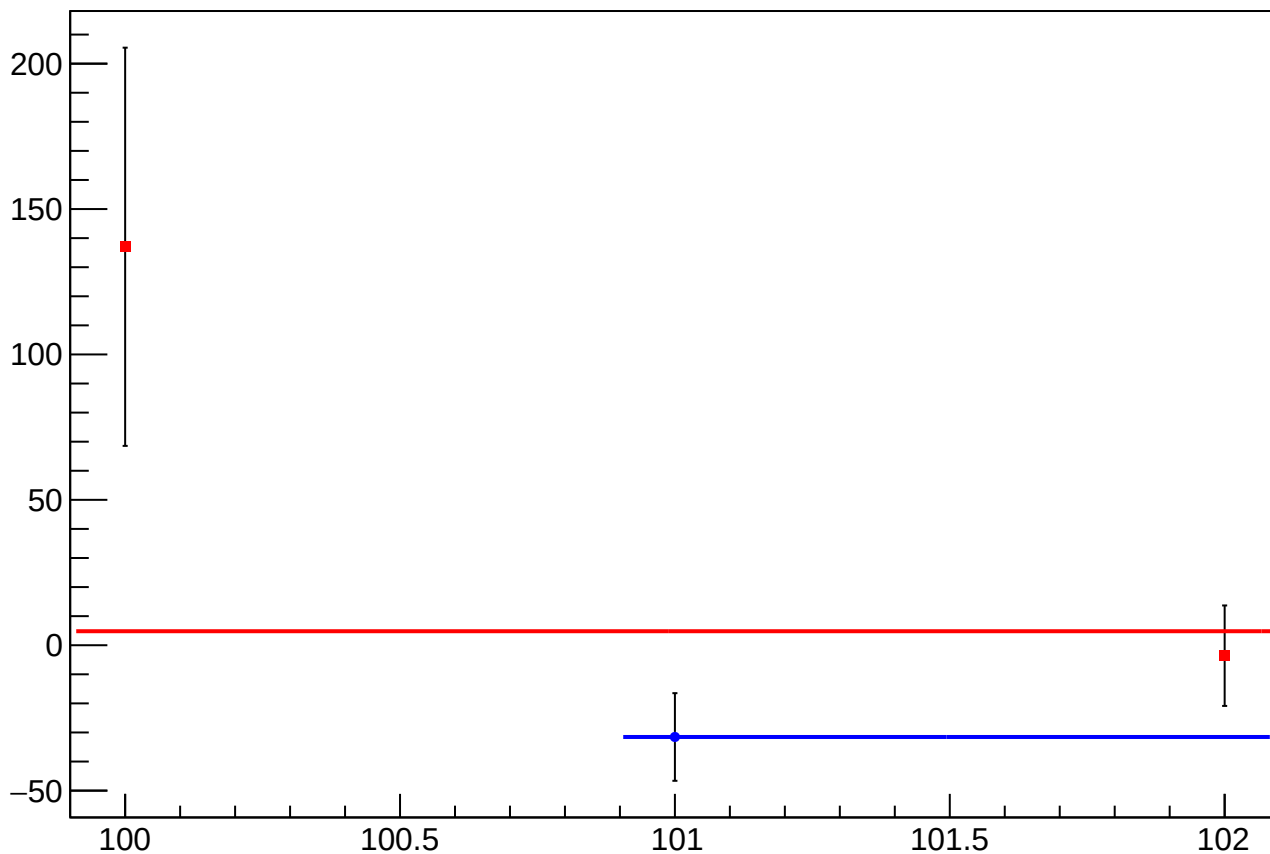
Right: 425.570+/-0.259 χ^2/NDF : 10484.6/2

In: 456.313+/-0.404 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 425.570+/-0.259 χ^2/NDF : 10484.6/2

diff_bpm_4aX_4ecX_avg_mean vs Slug, Sign Corrected



Right In: -31.552 $\pm$ 15.068 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4.818 $\pm$ 16.751 χ^2 /NDF: 4.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

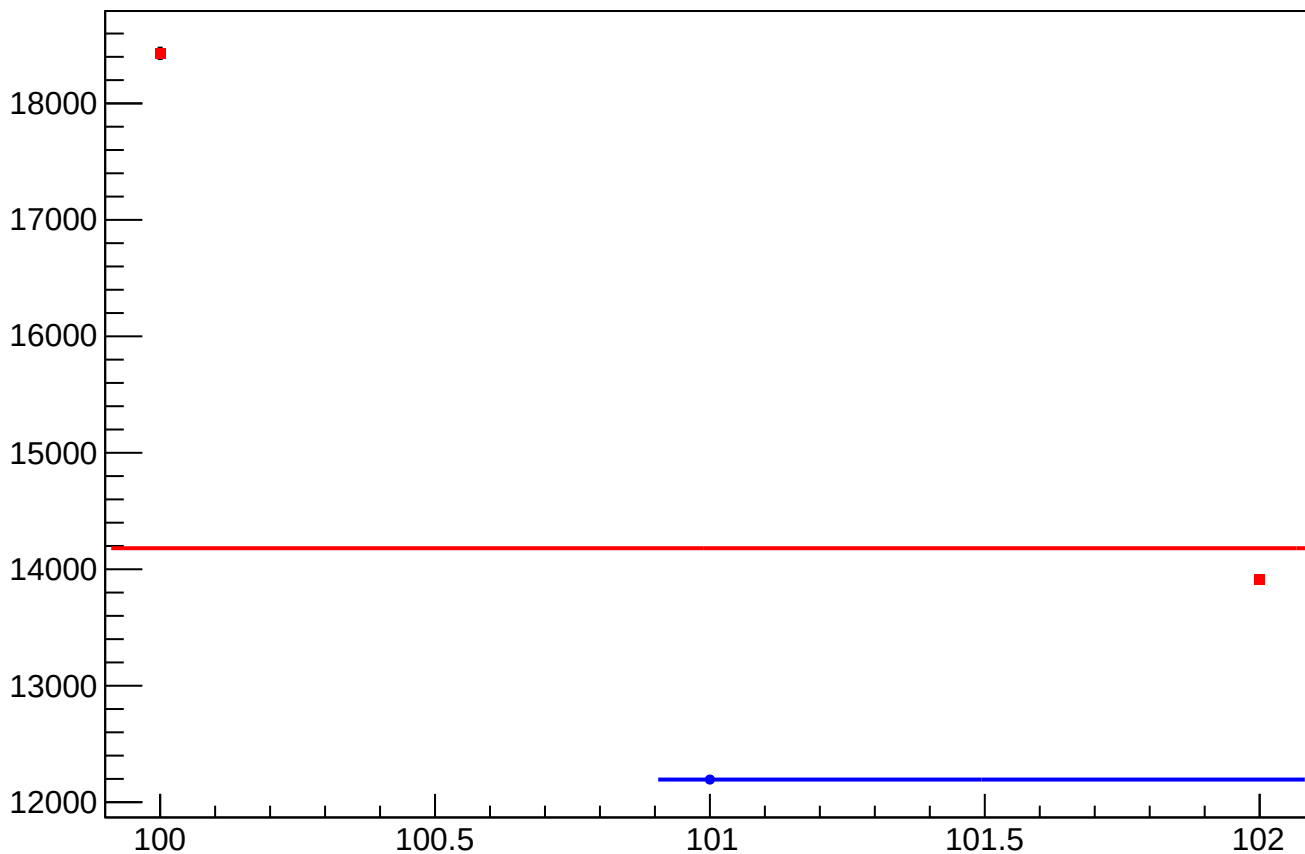
Right: -15.285 $\pm$ 11.203 χ^2 /NDF: 6.6/2

In: -31.552 $\pm$ 15.068 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -15.285 $\pm$ 11.203 χ^2 /NDF: 6.6/2

diff_bpm_4aX_4ecX_avg_rms vs Slug, Sign Corrected



Right In: 12194.408+/-10.655 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14180.881+/-11.844 χ^2/NDF : 8193.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

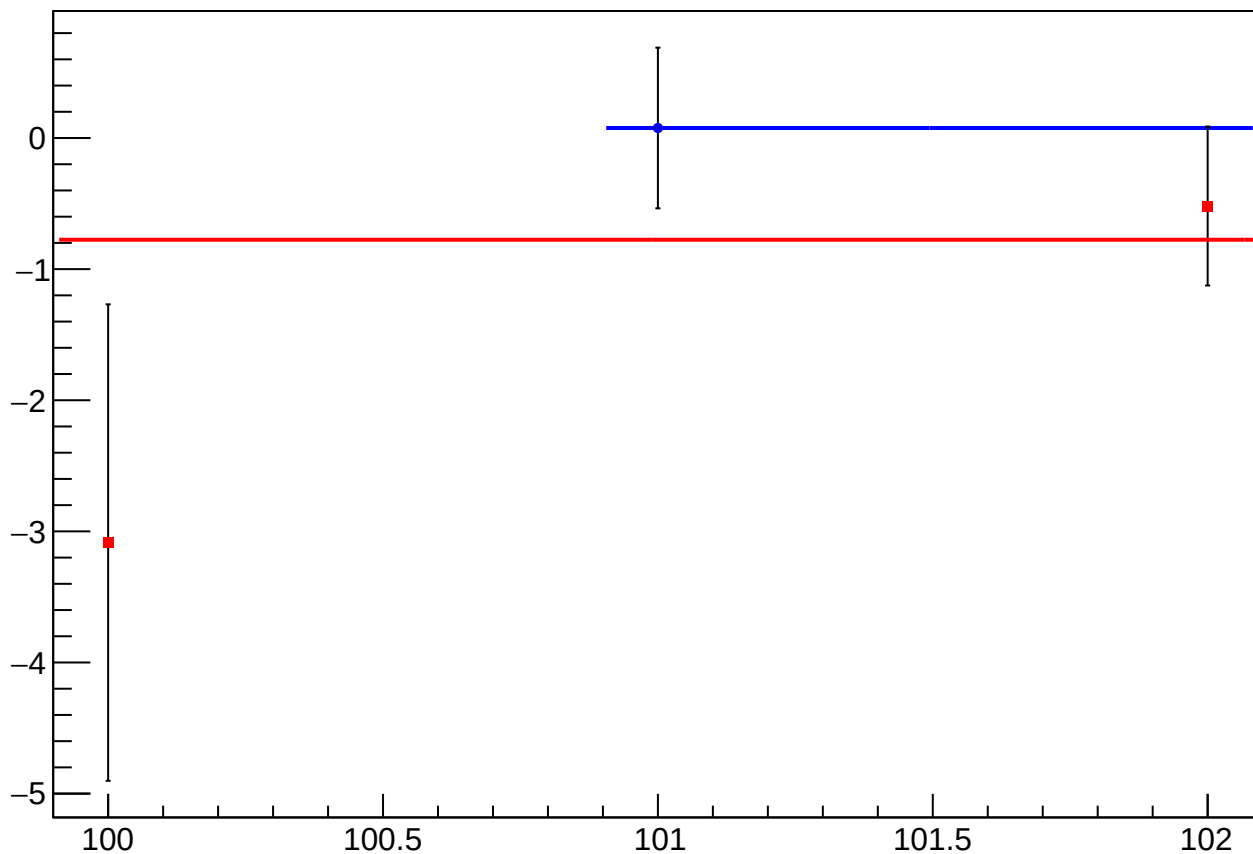
Right: 13082.917+/-7.921 χ^2/NDF : 23739.9/2

In: 12194.408+/-10.655 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13082.917+/-7.921 χ^2/NDF : 23739.9/2

diff_bpm_4aX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: 0.076 $\pm$ 0.613 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.776 $\pm$ 0.575 χ^2 /NDF: 1.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

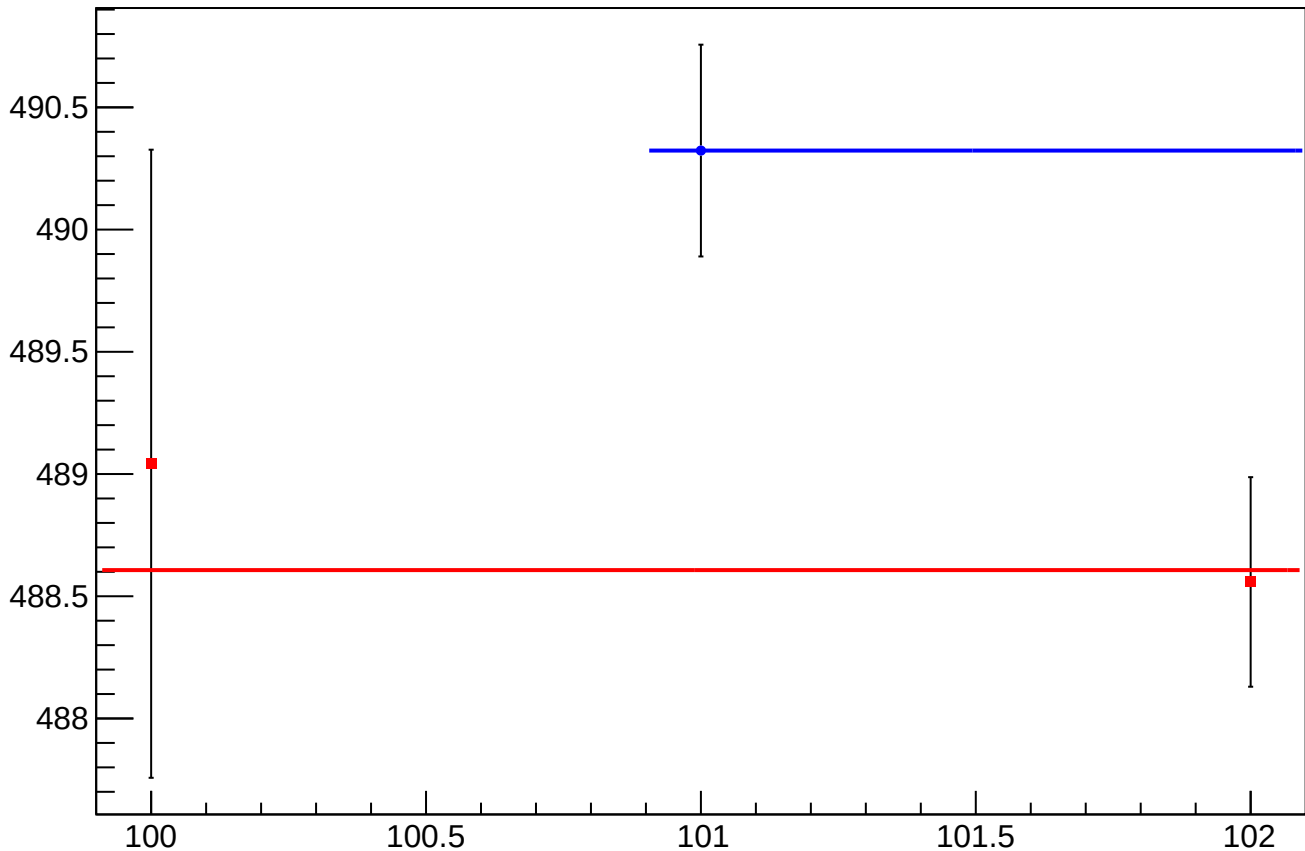
Right: -0.377 $\pm$ 0.419 χ^2 /NDF: 2.8/2

In: 0.076 $\pm$ 0.613 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.377 $\pm$ 0.419 χ^2 /NDF: 2.8/2

diff_bpm_4aX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 490.323+/-0.433 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 488.607+/-0.407 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

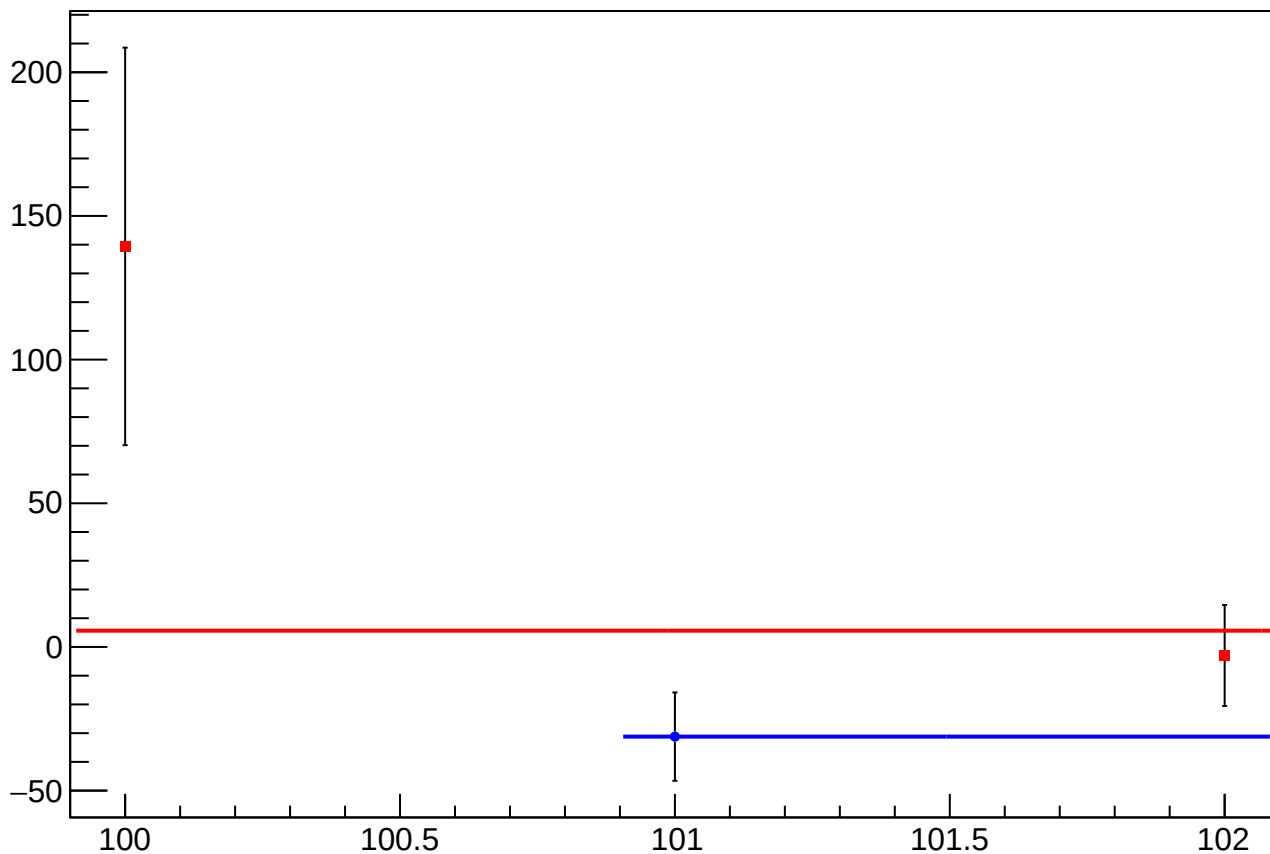
Right: 489.411+/-0.296 χ^2/NDF : 8.5/2

In: 490.323+/-0.433 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 489.411+/-0.296 χ^2/NDF : 8.5/2

diff_bpm_4eX_4ecX_avg_mean vs Slug, Sign Corrected



Right In: -31.203+/-15.377 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.668+/-17.045 χ^2/NDF : 4.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

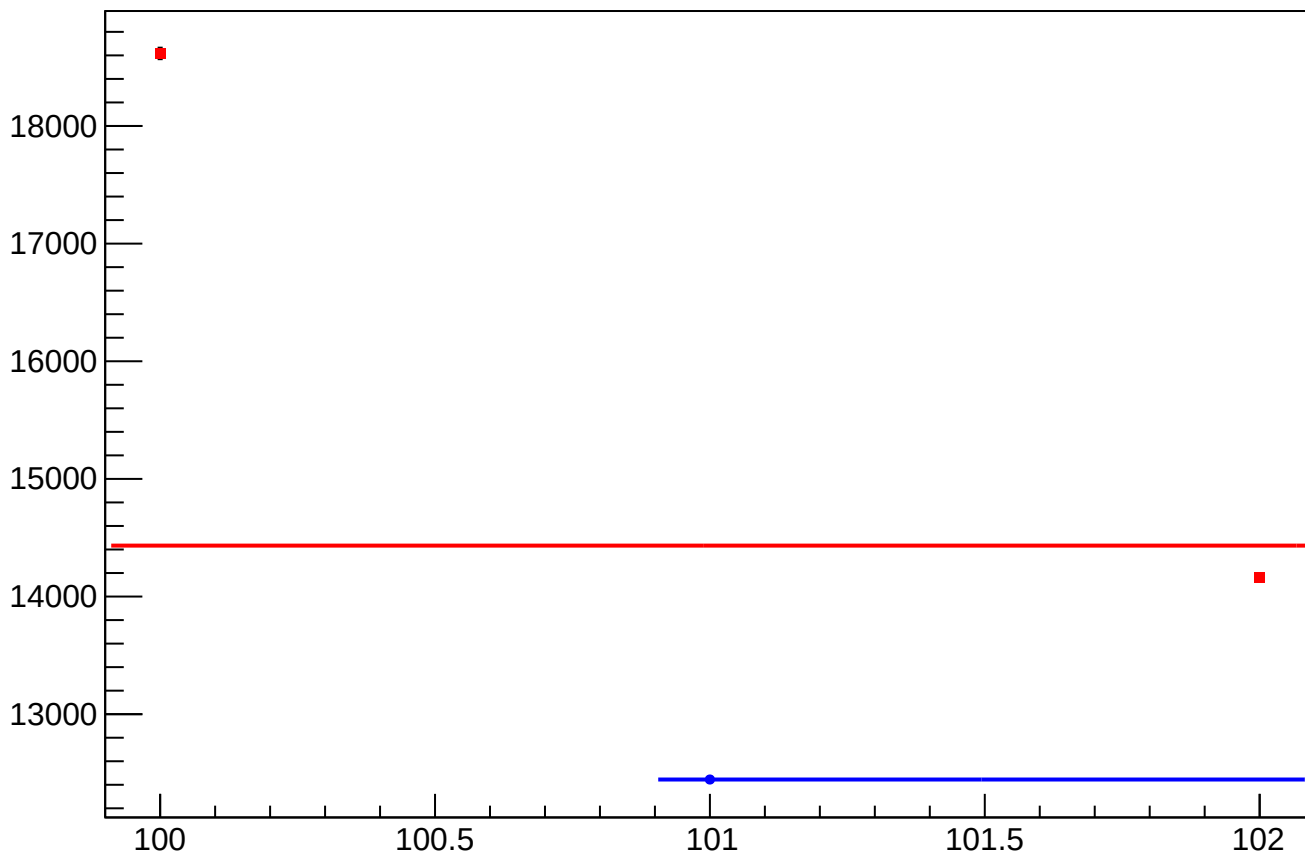
Right: -14.660+/-11.418 χ^2/NDF : 6.6/2

In: -31.203+/-15.377 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.660+/-11.418 χ^2/NDF : 6.6/2

diff_bpm_4eX_4ecX_avg_rms vs Slug, Sign Corrected



Right In: 12444.717 $\pm$ 10.873 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14433.022 $\pm$ 12.053 χ^2 /NDF: 7790.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

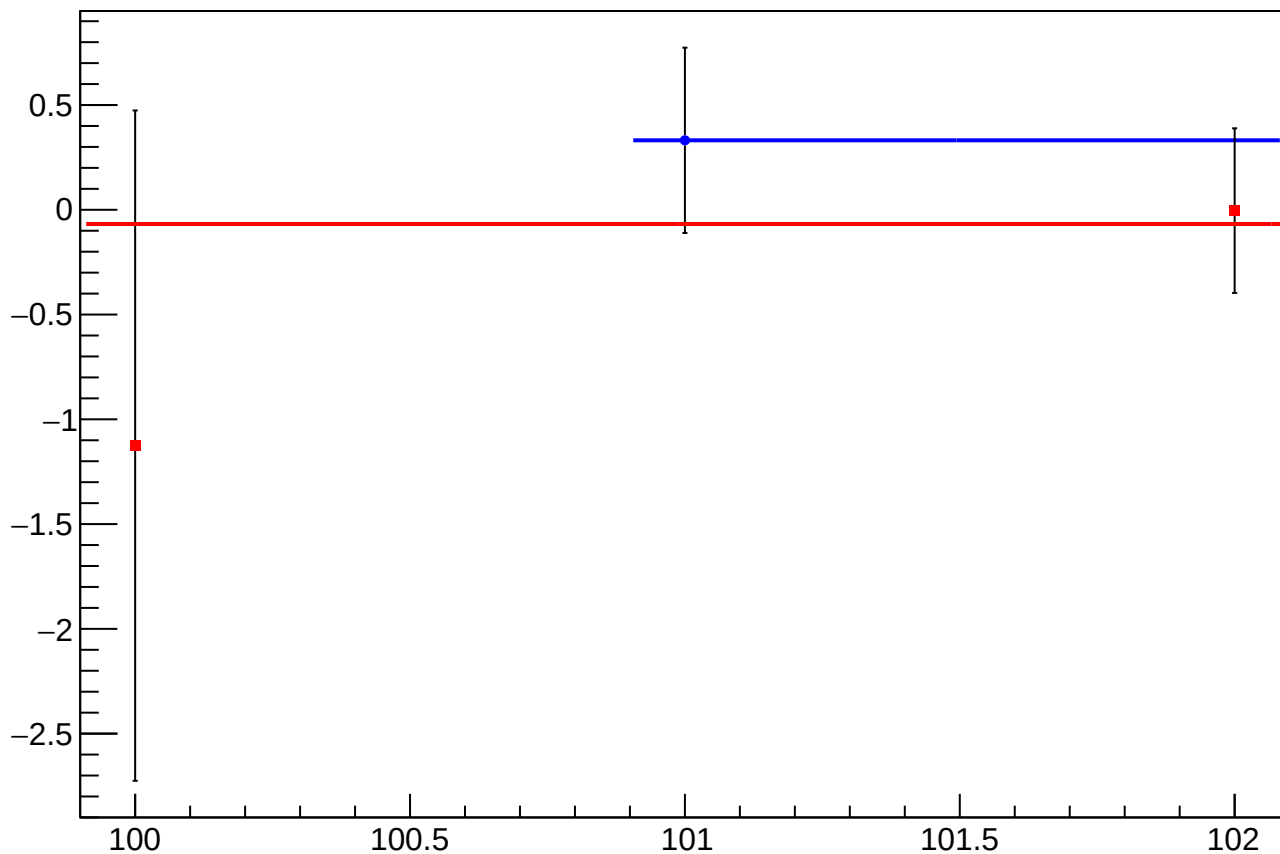
Right: 13336.833 $\pm$ 8.073 χ^2 /NDF: 22794.3/2

In: 12444.717 $\pm$ 10.873 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13336.833 $\pm$ 8.073 χ^2 /NDF: 22794.3/2

diff_bpm_4eX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: 0.332 $\pm$ 0.442 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.068 $\pm$ 0.382 χ^2 /NDF: 0.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

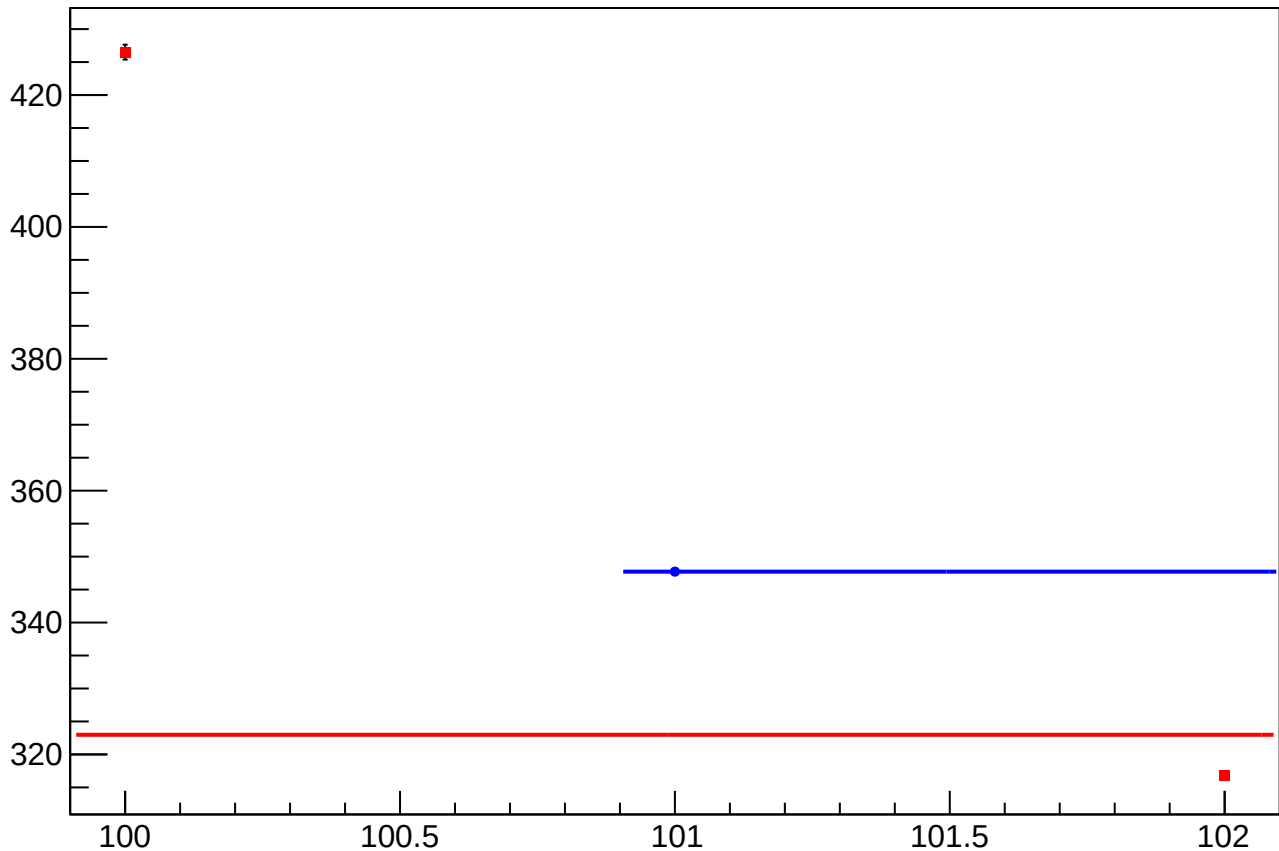
Right: 0.103 $\pm$ 0.289 χ^2 /NDF: 0.9/2

In: 0.332 $\pm$ 0.442 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.103 $\pm$ 0.289 χ^2 /NDF: 0.9/2

diff_bpm_4eX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 347.720 $\pm$ 0.313 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 322.979 $\pm$ 0.270 χ^2 /NDF: 8882.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

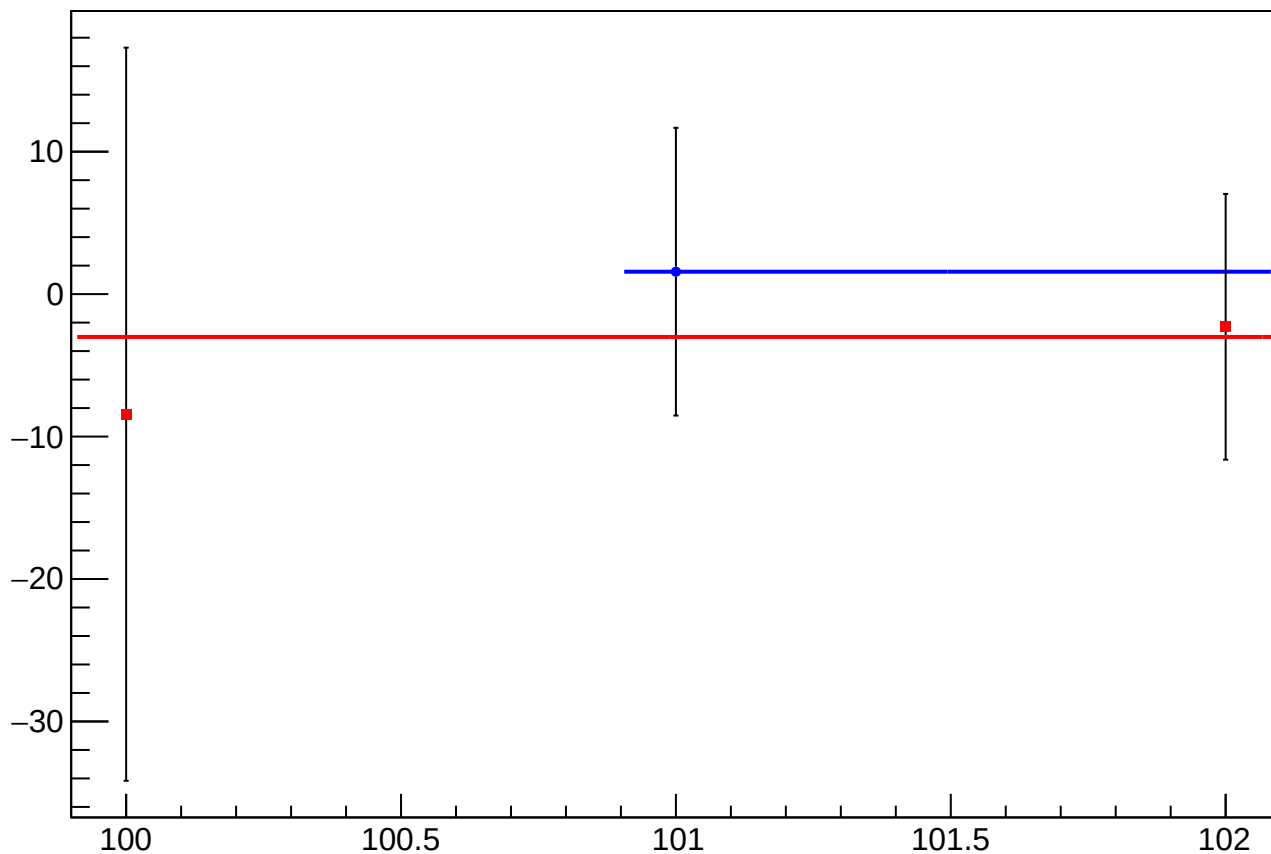
Right: 333.539 $\pm$ 0.204 χ^2 /NDF: 12472.4/2

In: 347.720 $\pm$ 0.313 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 333.539 $\pm$ 0.204 χ^2 /NDF: 12472.4/2

diff_bpm_4aY_4acY_avg_mean vs Slug, Sign Corrected



Right In: 1.573+/-10.099 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.006+/-8.769 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

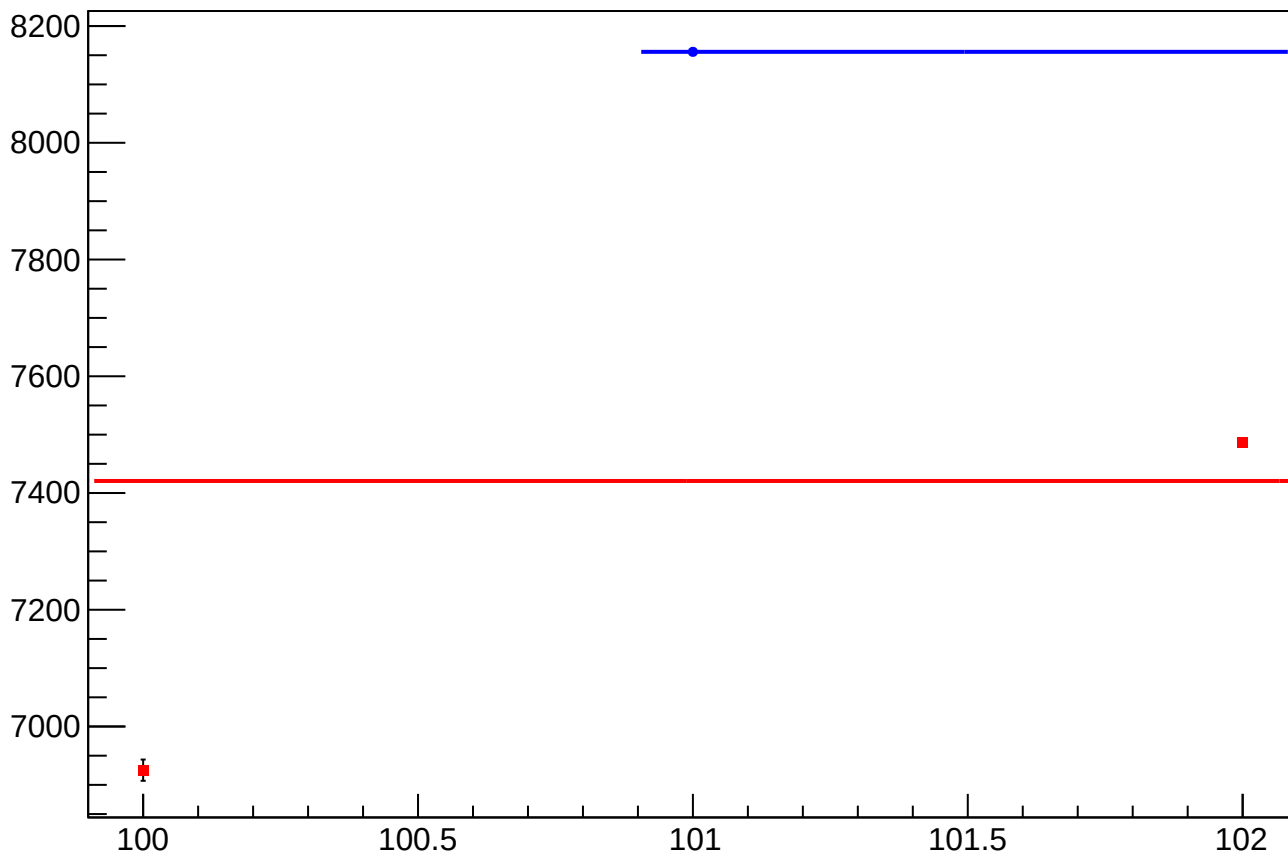
Right: -1.038+/-6.621 χ^2/NDF : 0.2/2

In: 1.573+/-10.099 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.038+/-6.621 χ^2/NDF : 0.2/2

diff_bpm_4aY_4acY_avg_rms vs Slug, Sign Corrected



Right In: 8155.815 $\pm$ 7.141 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7420.639 $\pm$ 6.201 χ^2 /NDF: 838.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

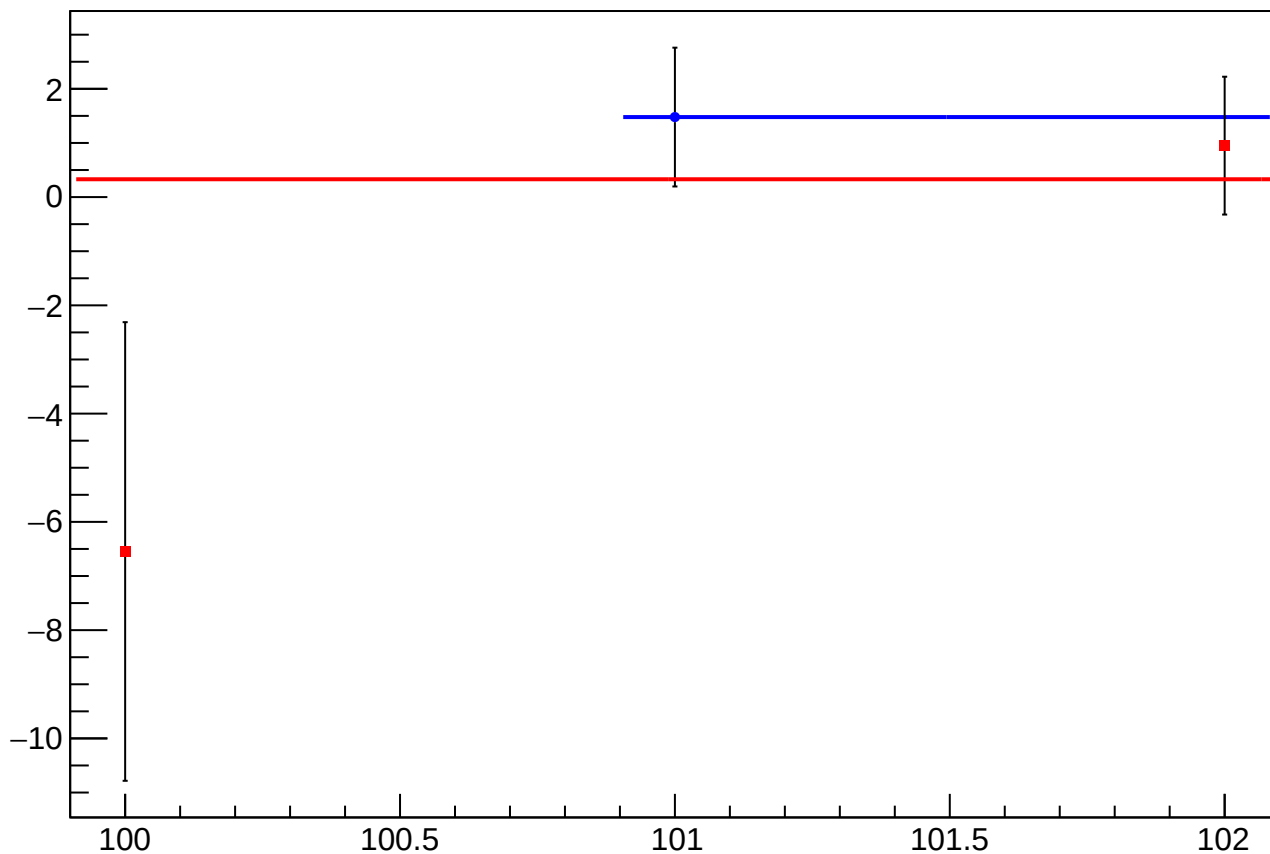
Right: 7736.663 $\pm$ 4.682 χ^2 /NDF: 6881.5/2

In: 8155.815 $\pm$ 7.141 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7736.663 $\pm$ 4.682 χ^2 /NDF: 6881.5/2

diff_bpm_4aY_4acY_dd_mean vs Slug, Sign Corrected



Right In: 1.478+/-1.282 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.329+/-1.219 χ^2/NDF : 2.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

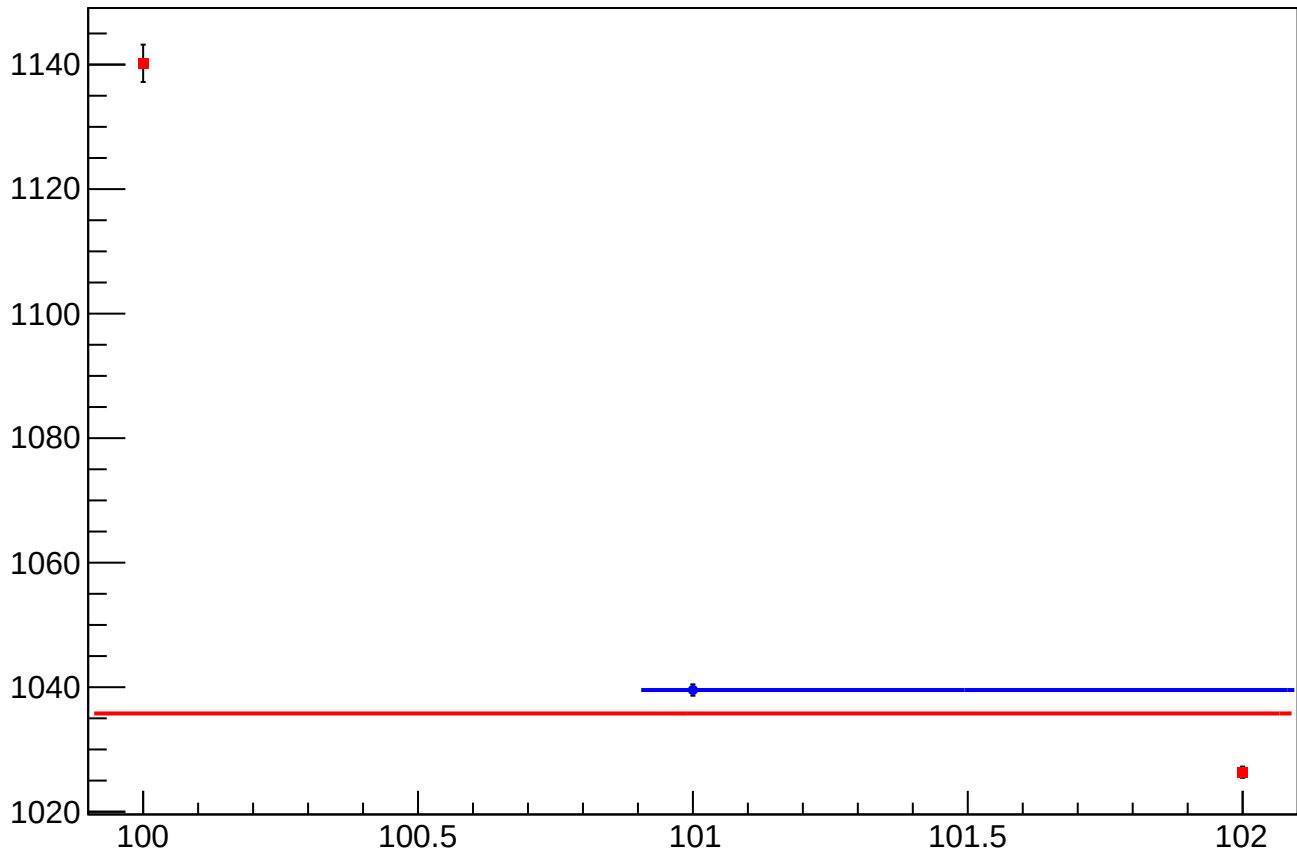
Right: 0.875+/-0.883 χ^2/NDF : 3.3/2

In: 1.478+/-1.282 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.875+/-0.883 χ^2/NDF : 3.3/2

diff_bpm_4aY_4acY_dd_rms vs Slug, Sign Corrected



Right In: 1039.545 $\pm$ 0.907 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1035.780 $\pm$ 0.862 χ^2 /NDF: 1325.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

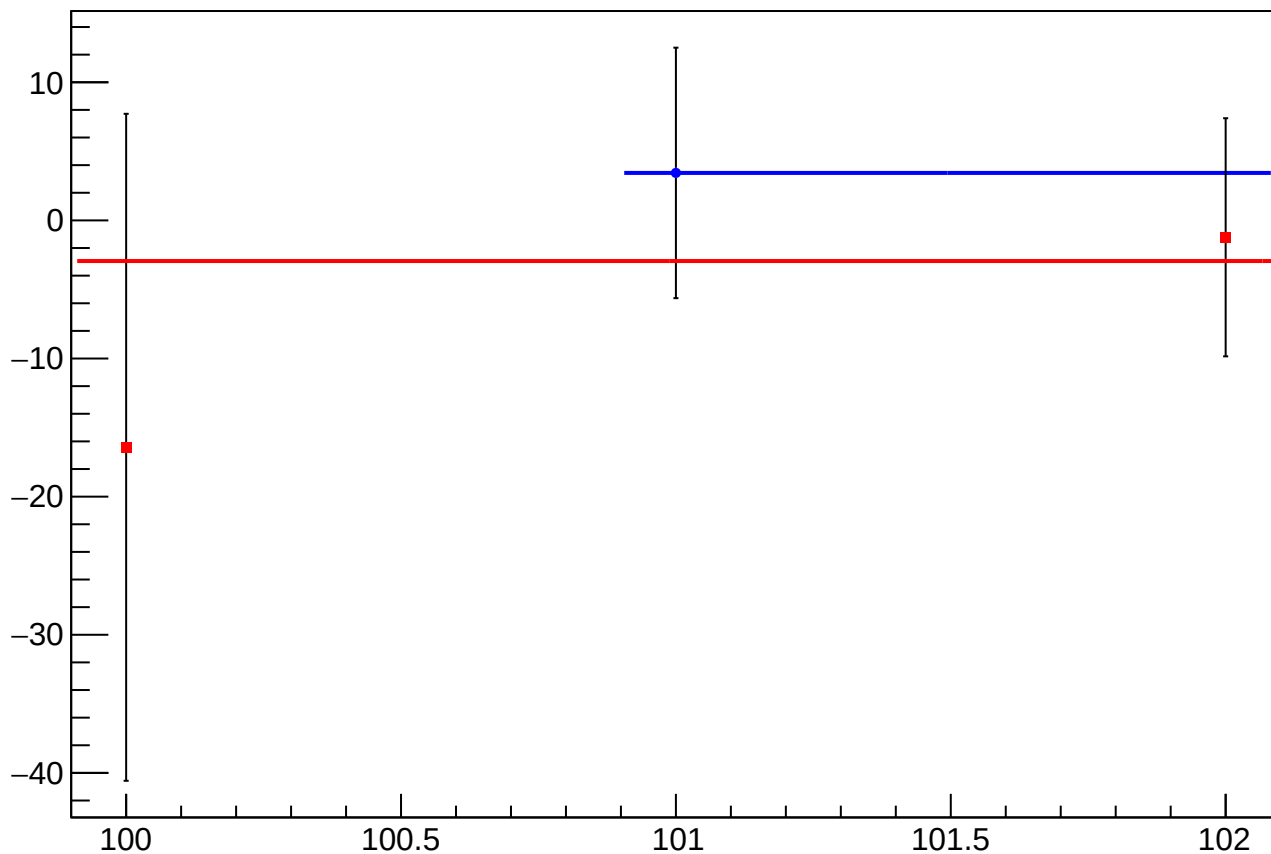
Right: 1037.568 $\pm$ 0.625 χ^2 /NDF: 1334.1/2

In: 1039.545 $\pm$ 0.907 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1037.568 $\pm$ 0.625 χ^2 /NDF: 1334.1/2

diff_bpm_4aY_4eY_avg_mean vs Slug, Sign Corrected



Right In: 3.438+/-9.067 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.942+/-8.118 χ^2/NDF : 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

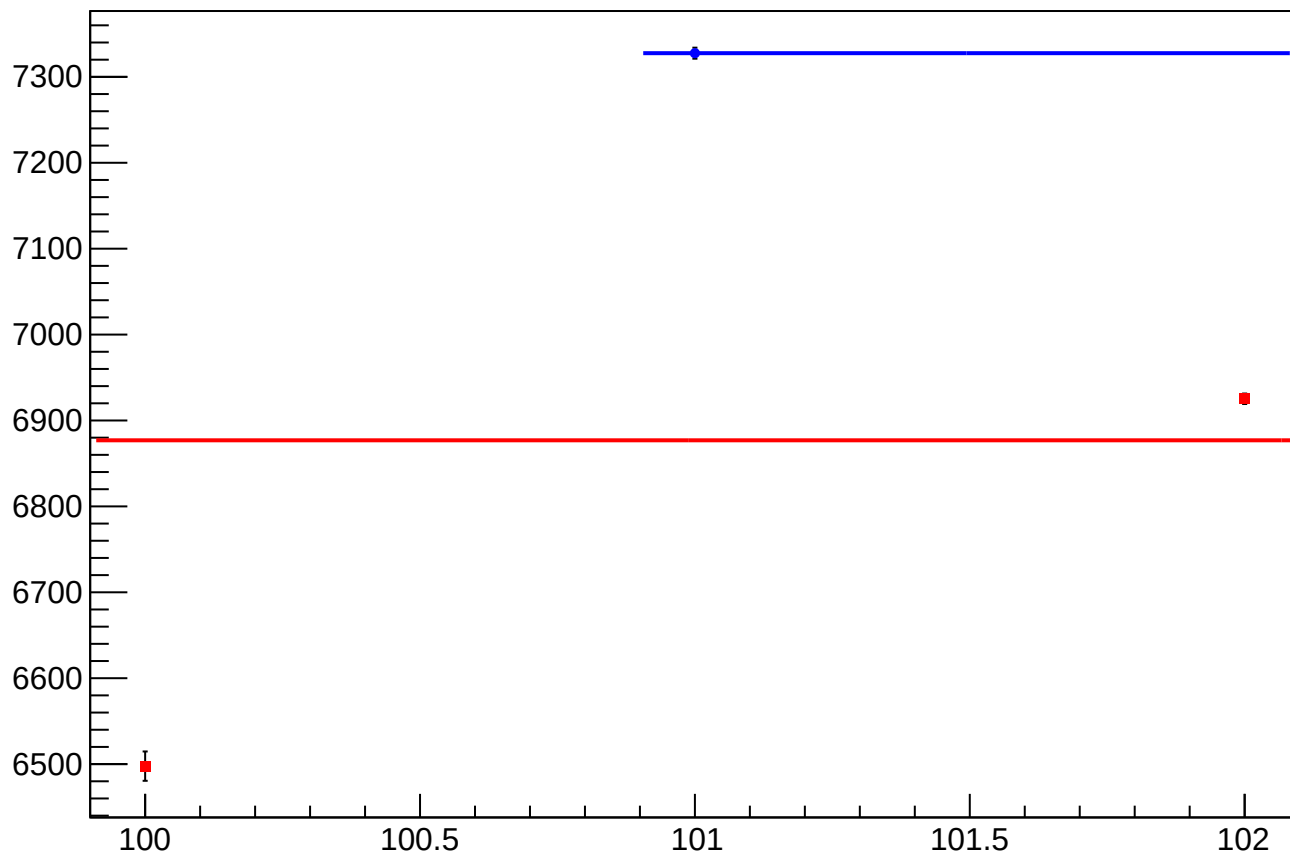
Right: -0.103+/-6.048 χ^2/NDF : 0.6/2

In: 3.438+/-9.067 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.103+/-6.048 χ^2/NDF : 0.6/2

diff_bpm_4aY_4eY_avg_rms vs Slug, Sign Corrected



Right In: 7327.580 $\pm$ 6.412 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6876.931 $\pm$ 5.740 χ^2 /NDF: 556.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

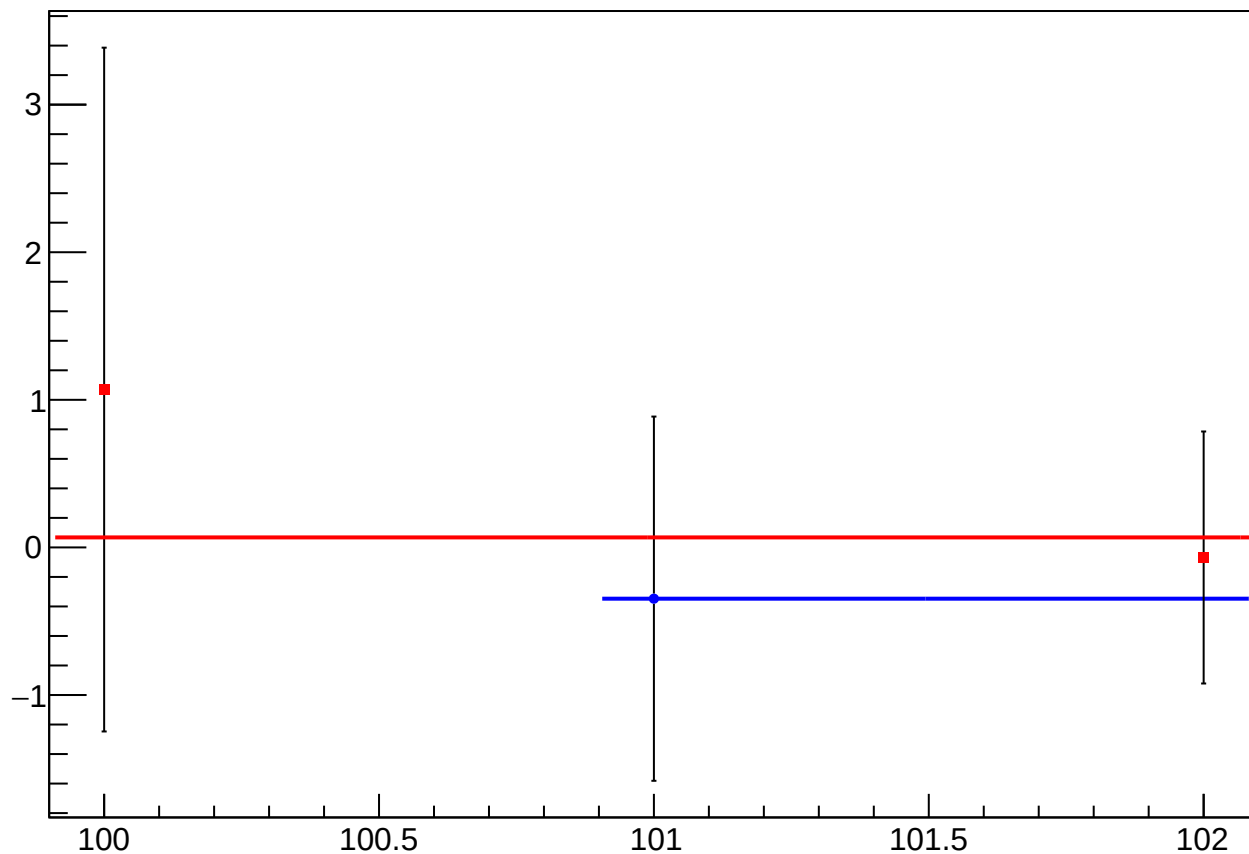
Right: 7077.441 $\pm$ 4.277 χ^2 /NDF: 3298.6/2

In: 7327.580 $\pm$ 6.412 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7077.441 $\pm$ 4.277 χ^2 /NDF: 3298.6/2

diff_bpm_4aY_4eY_dd_mean vs Slug, Sign Corrected



Right In: -0.347+/-1.234 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.068+/-0.801 χ^2 /NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

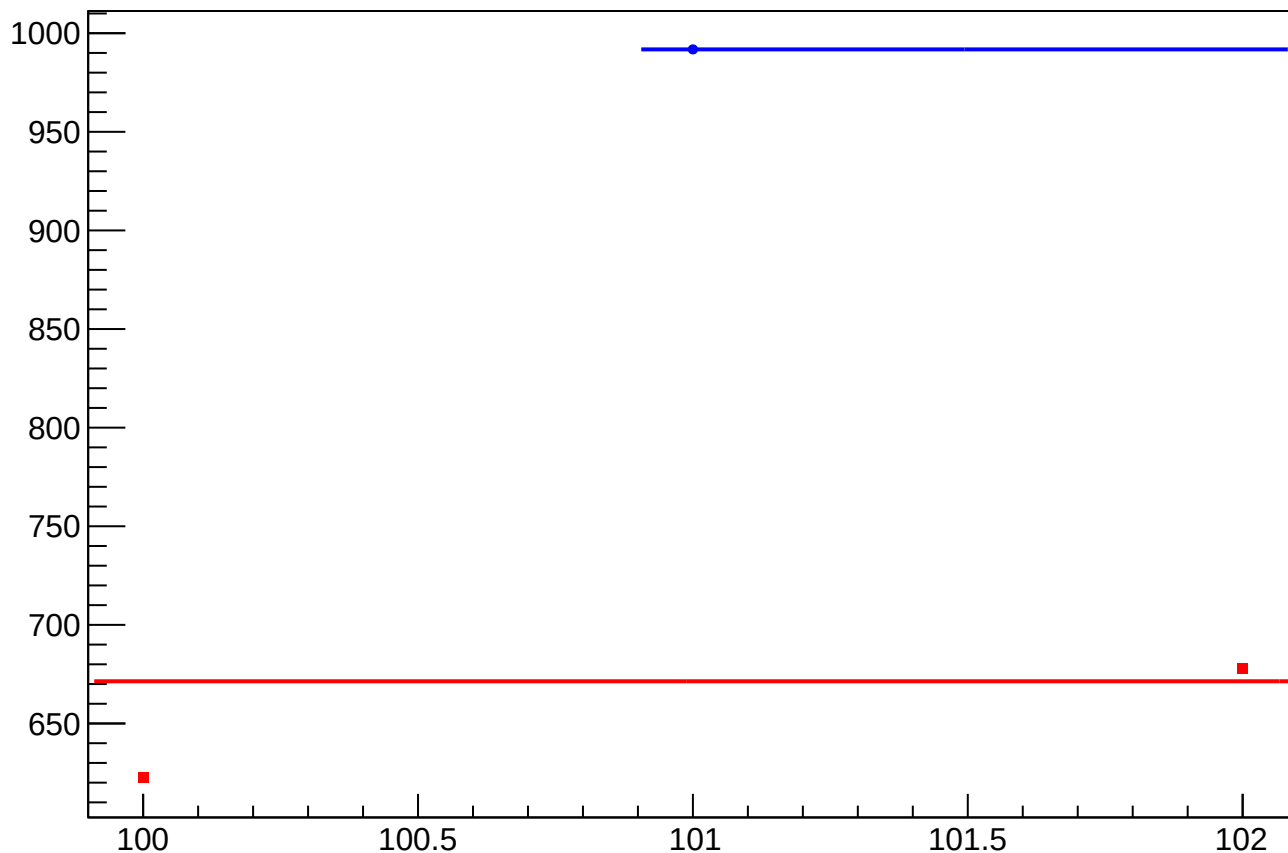
Right: -0.055+/-0.672 χ^2 /NDF: 0.3/2

In: -0.347+/-1.234 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.055+/-0.672 χ^2 /NDF: 0.3/2

diff_bpm_4aY_4eY_dd_rms vs Slug, Sign Corrected



Right In: 991.795 $\pm$ 0.872 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 671.404 $\pm$ 0.566 χ^2 /NDF: 1009.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

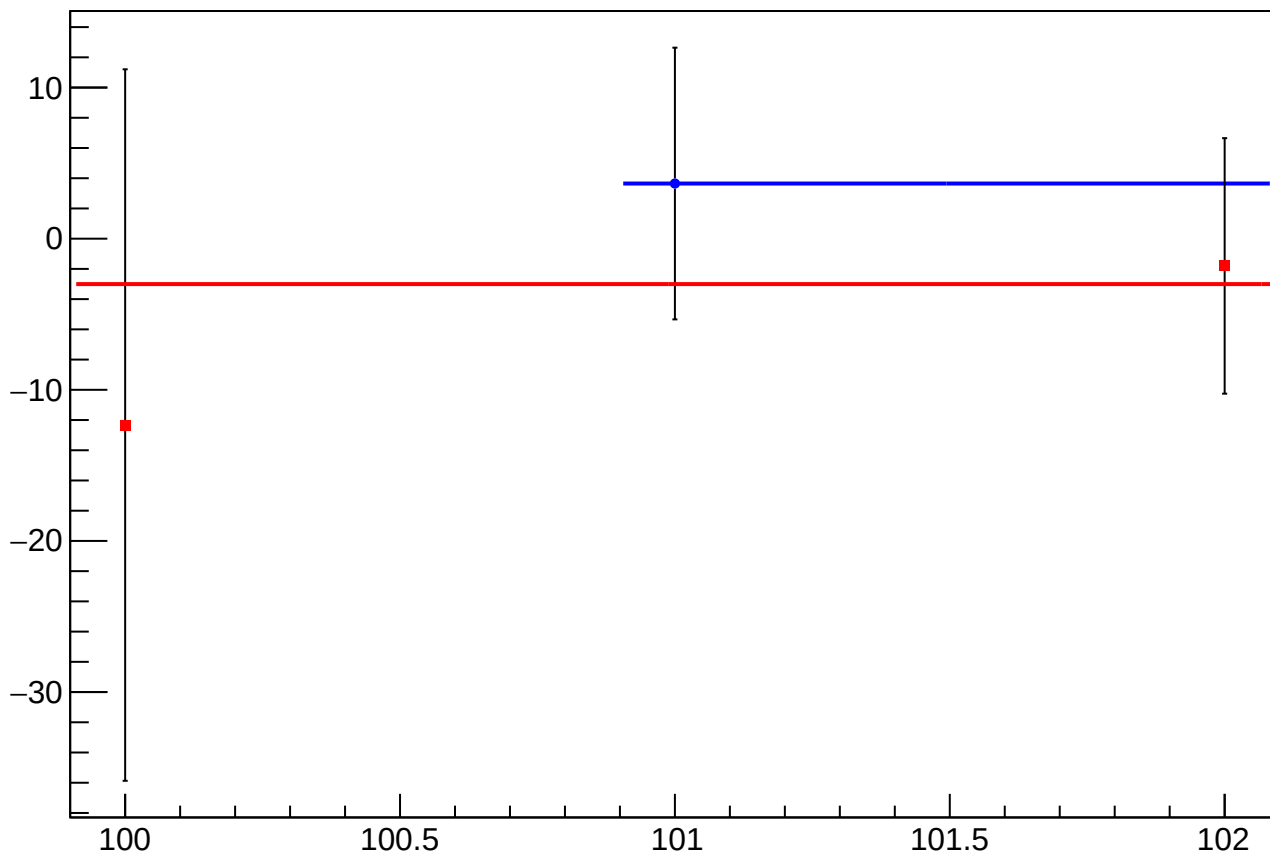
Right: 766.403 $\pm$ 0.475 χ^2 /NDF: 95874.5/2

In: 991.795 $\pm$ 0.872 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 766.403 $\pm$ 0.475 χ^2 /NDF: 95874.5/2

diff_bpm_4aY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: 3.649+/-8.989 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.005+/-7.956 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

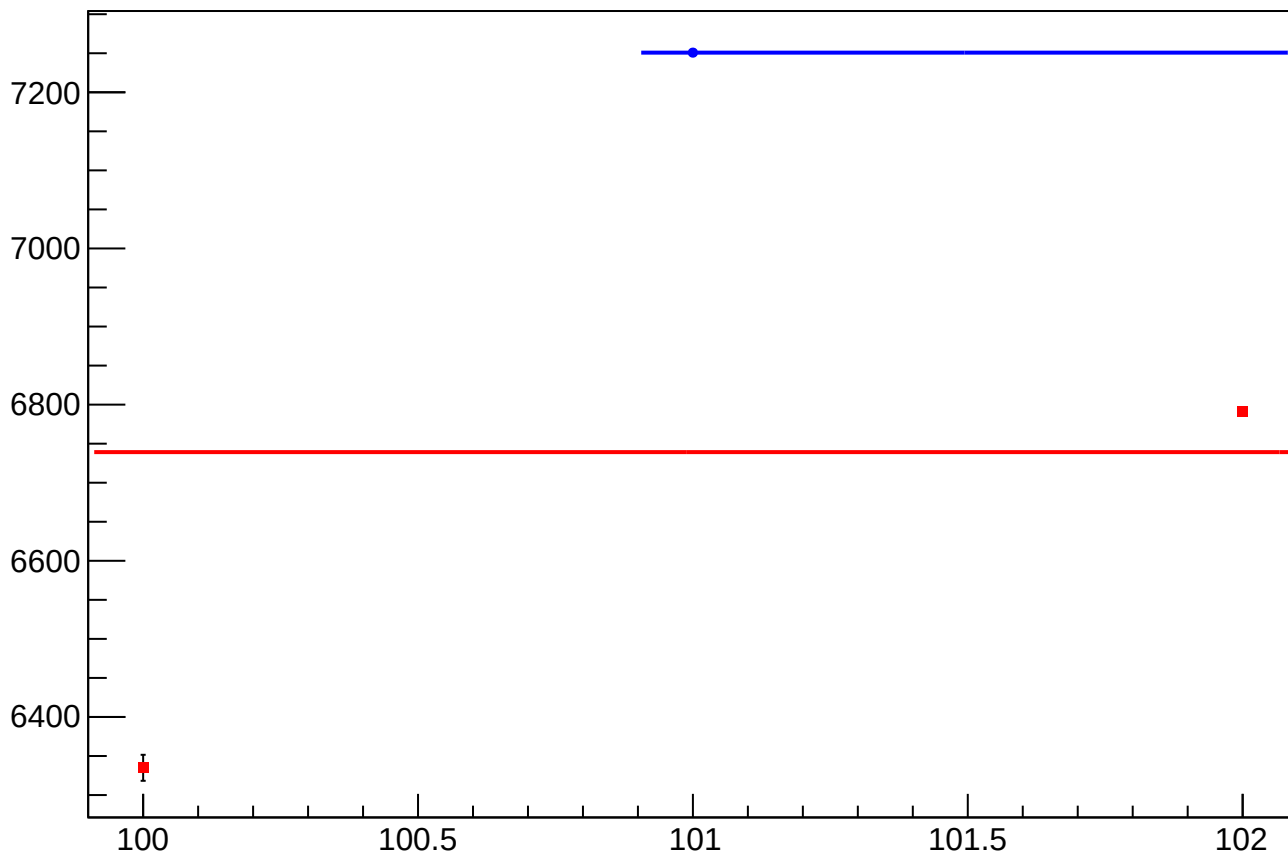
Right: -0.082+/-5.958 χ^2/NDF : 0.5/2

In: 3.649+/-8.989 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.082+/-5.958 χ^2/NDF : 0.5/2

diff_bpm_4aY_4ecY_avg_rms vs Slug, Sign Corrected



Right In: 7250.787 $\pm$ 6.356 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6739.187 $\pm$ 5.626 χ^2 /NDF: 666.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

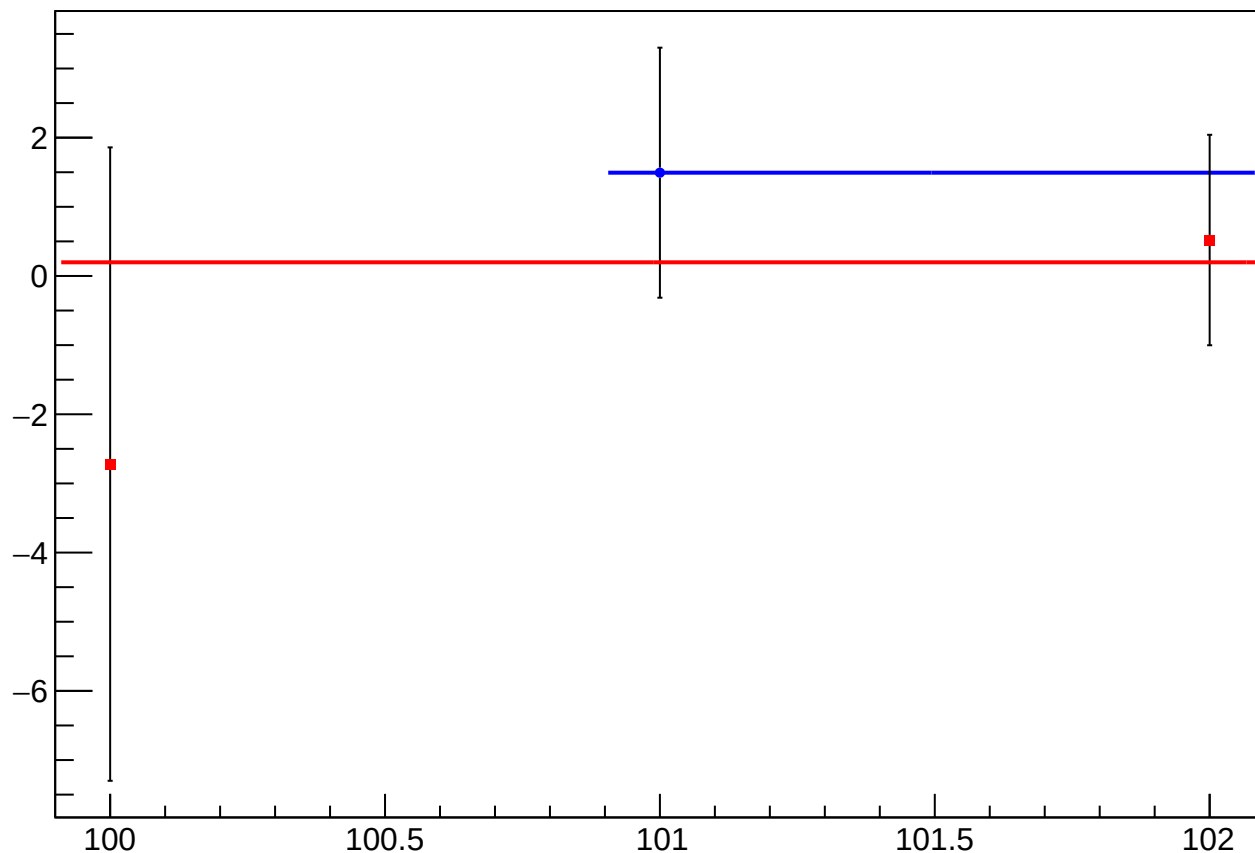
Right: 6963.916 $\pm$ 4.213 χ^2 /NDF: 4298.3/2

In: 7250.787 $\pm$ 6.356 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6963.916 $\pm$ 4.213 χ^2 /NDF: 4298.3/2

diff_bpm_4aY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 1.493+/-1.808 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.198+/-1.444 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

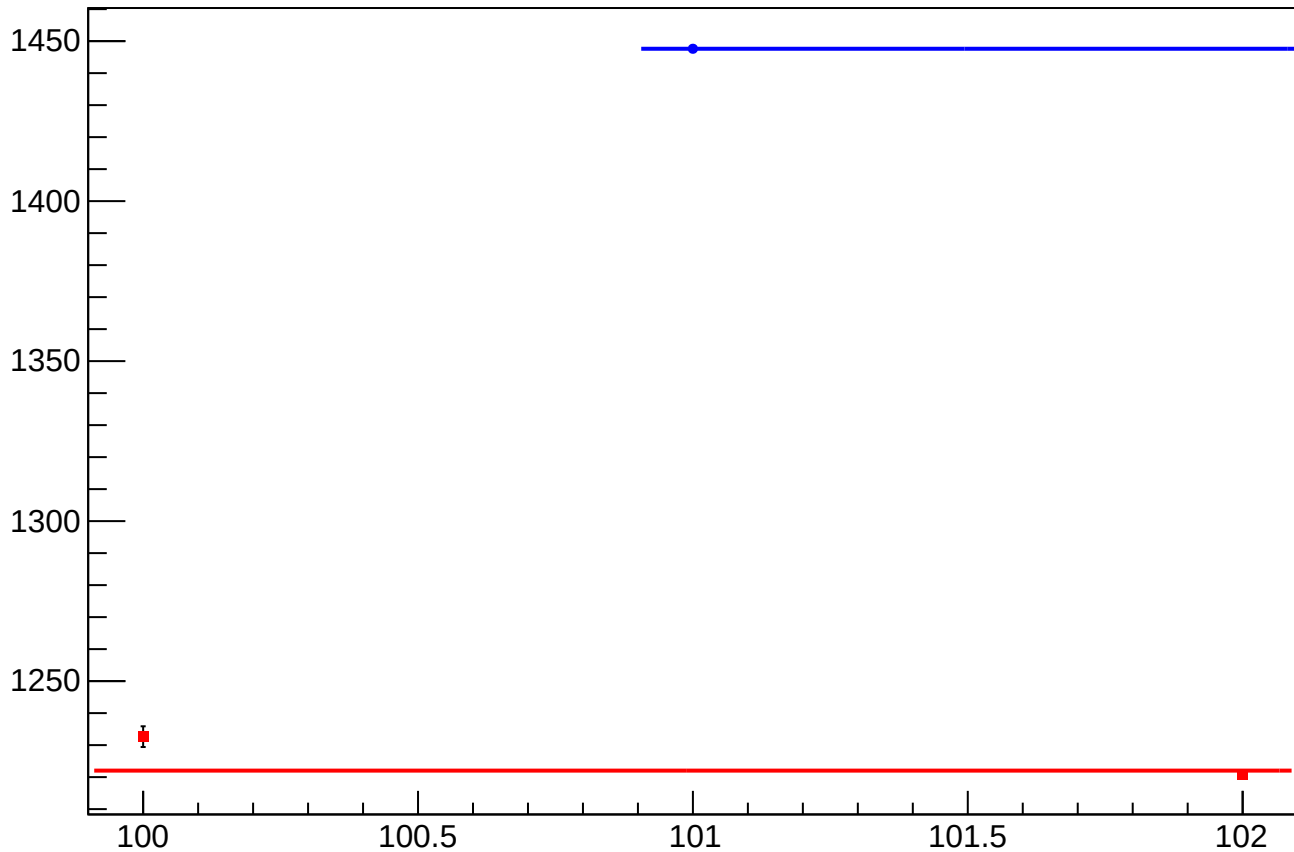
Right: 0.702+/-1.128 χ^2/NDF : 0.8/2

In: 1.493+/-1.808 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.702+/-1.128 χ^2/NDF : 0.8/2

diff_bpm_4aY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 1447.616 $\pm$ 1.278 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1222.034 $\pm$ 1.021 χ^2 /NDF: 11.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

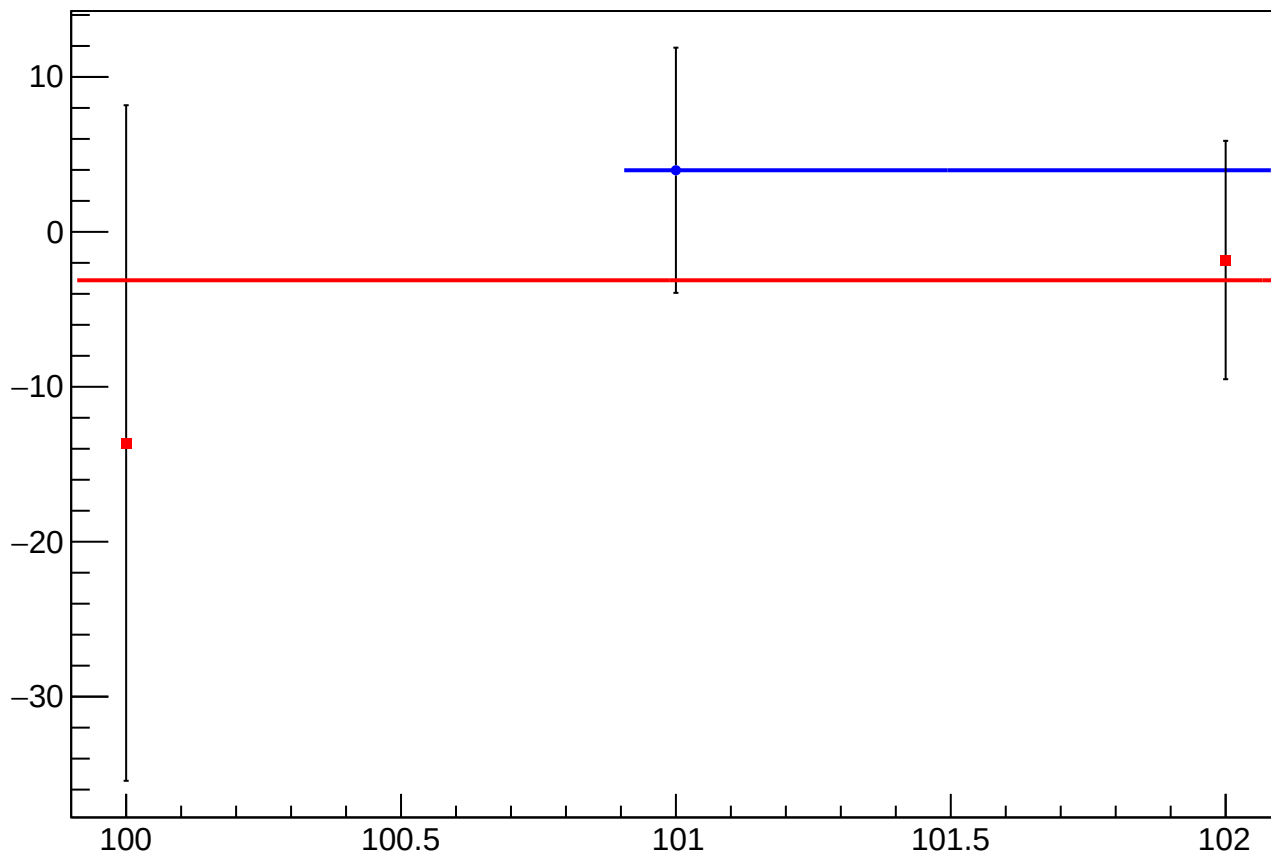
Right: 1309.895 $\pm$ 0.798 χ^2 /NDF: 19023.3/2

In: 1447.616 $\pm$ 1.278 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1309.895 $\pm$ 0.798 χ^2 /NDF: 19023.3/2

diff_bpm_4eY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: 3.977 $\pm$ 7.913 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.124 $\pm$ 7.255 χ^2 /NDF: 0.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

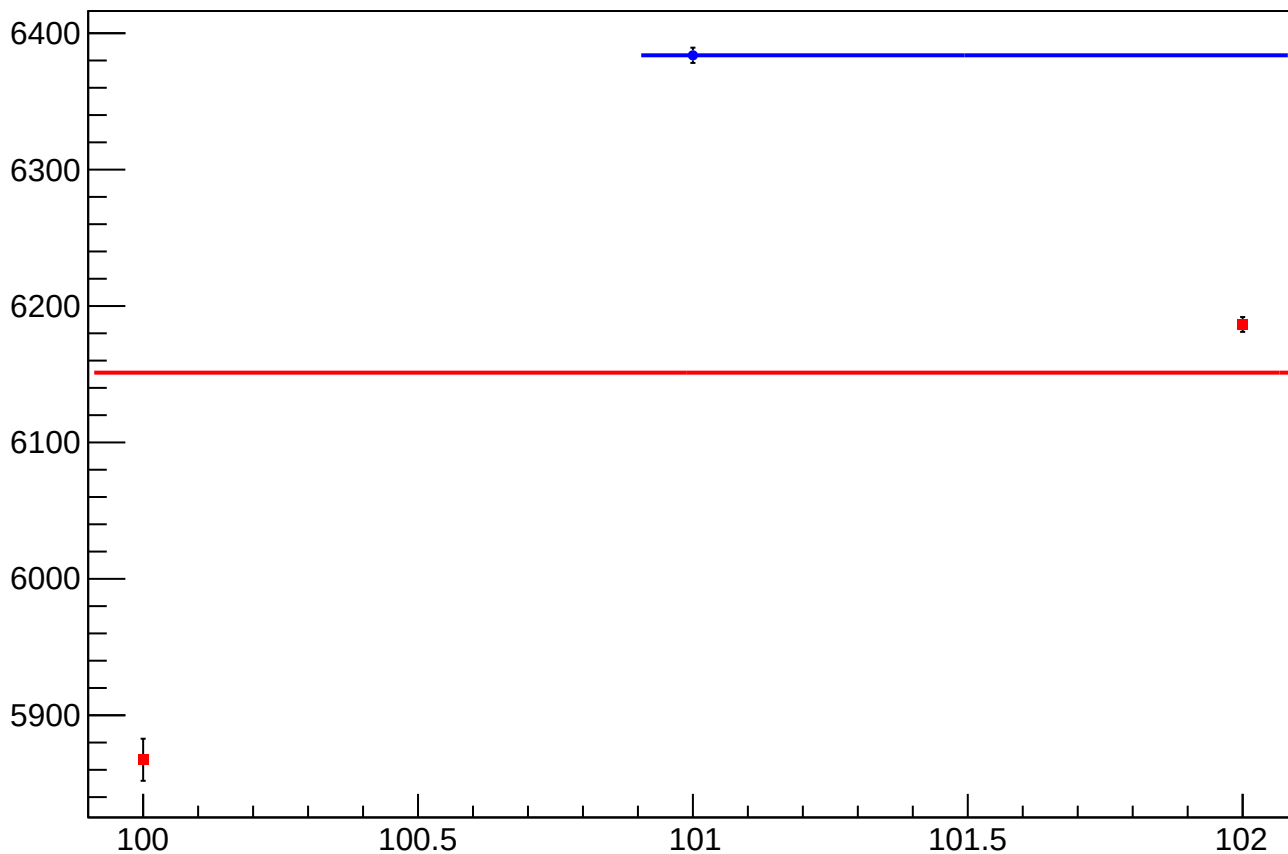
Right: 0.118 $\pm$ 5.348 χ^2 /NDF: 0.7/2

In: 3.977 $\pm$ 7.913 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.118 $\pm$ 5.348 χ^2 /NDF: 0.7/2

diff_bpm_4eY_4ecY_avg_rms vs Slug, Sign Corrected



Right In: 6383.807+/-5.596 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6151.169+/-5.130 χ^2/NDF : 381.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

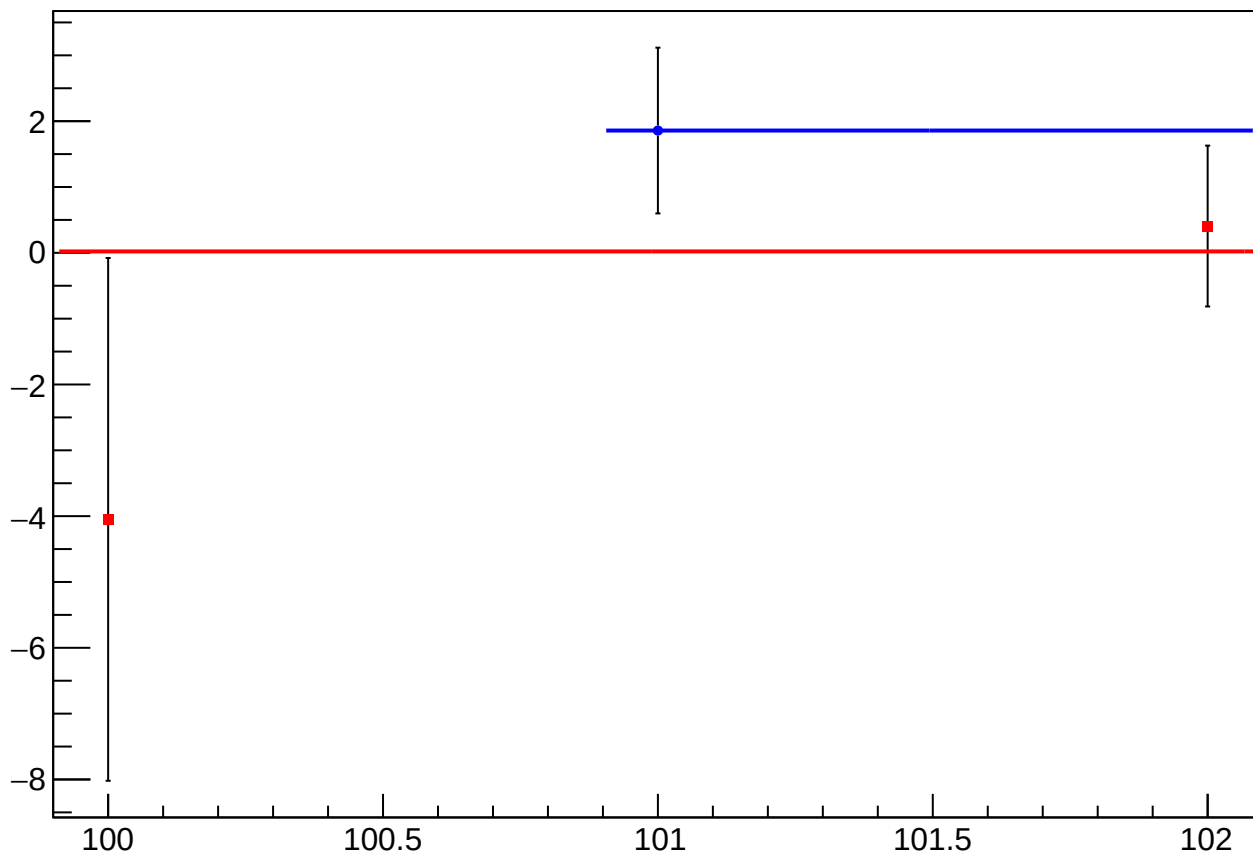
Right: 6257.406+/-3.781 χ^2/NDF : 1320.2/2

In: 6383.807+/-5.596 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6257.406+/-3.781 χ^2/NDF : 1320.2/2

diff_bpm_4eY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 1.858+/-1.259 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-1.168 χ^2/NDF : 1.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

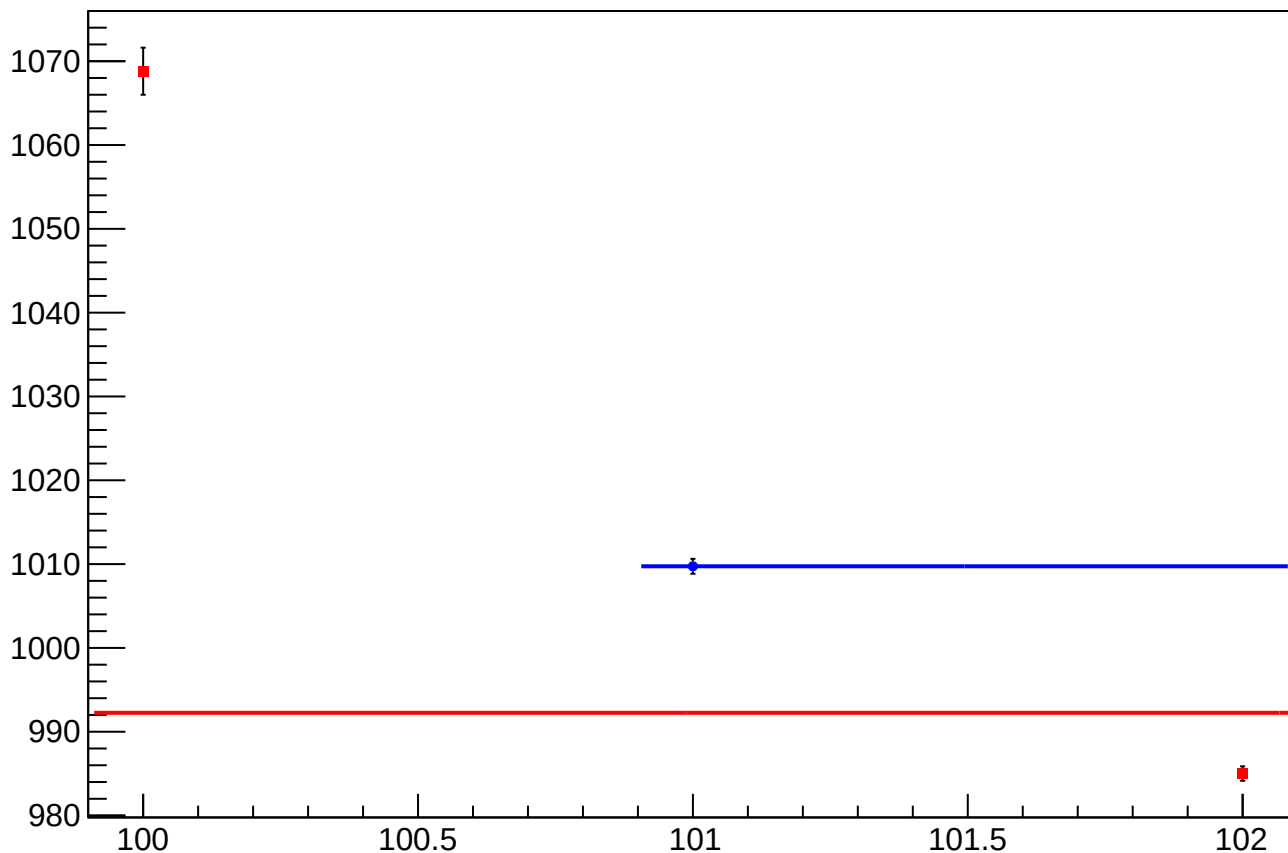
Right: 0.871+/-0.856 χ^2/NDF : 2.3/2

In: 1.858+/-1.259 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.871+/-0.856 χ^2/NDF : 2.3/2

diff_bpm_4eY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 1009.741 $\pm$ 0.890 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 992.258 $\pm$ 0.826 χ^2 /NDF: 813.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

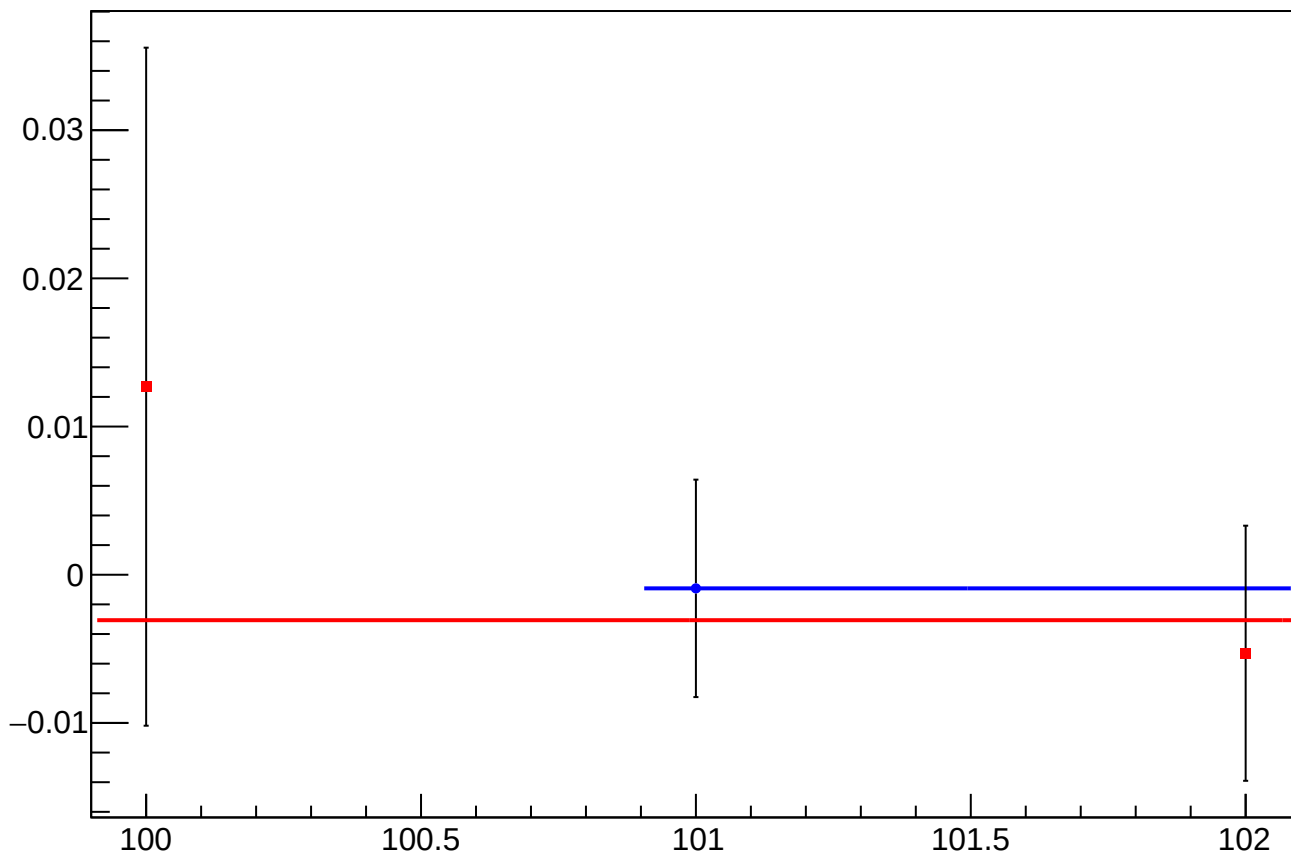
Right: 1000.343 $\pm$ 0.605 χ^2 /NDF: 1020.9/2

In: 1009.741 $\pm$ 0.890 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1000.343 $\pm$ 0.605 χ^2 /NDF: 1020.9/2

diff_dispE_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.001 $\pm$ 0.007 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.003 $\pm$ 0.008 χ^2 /NDF: 0.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

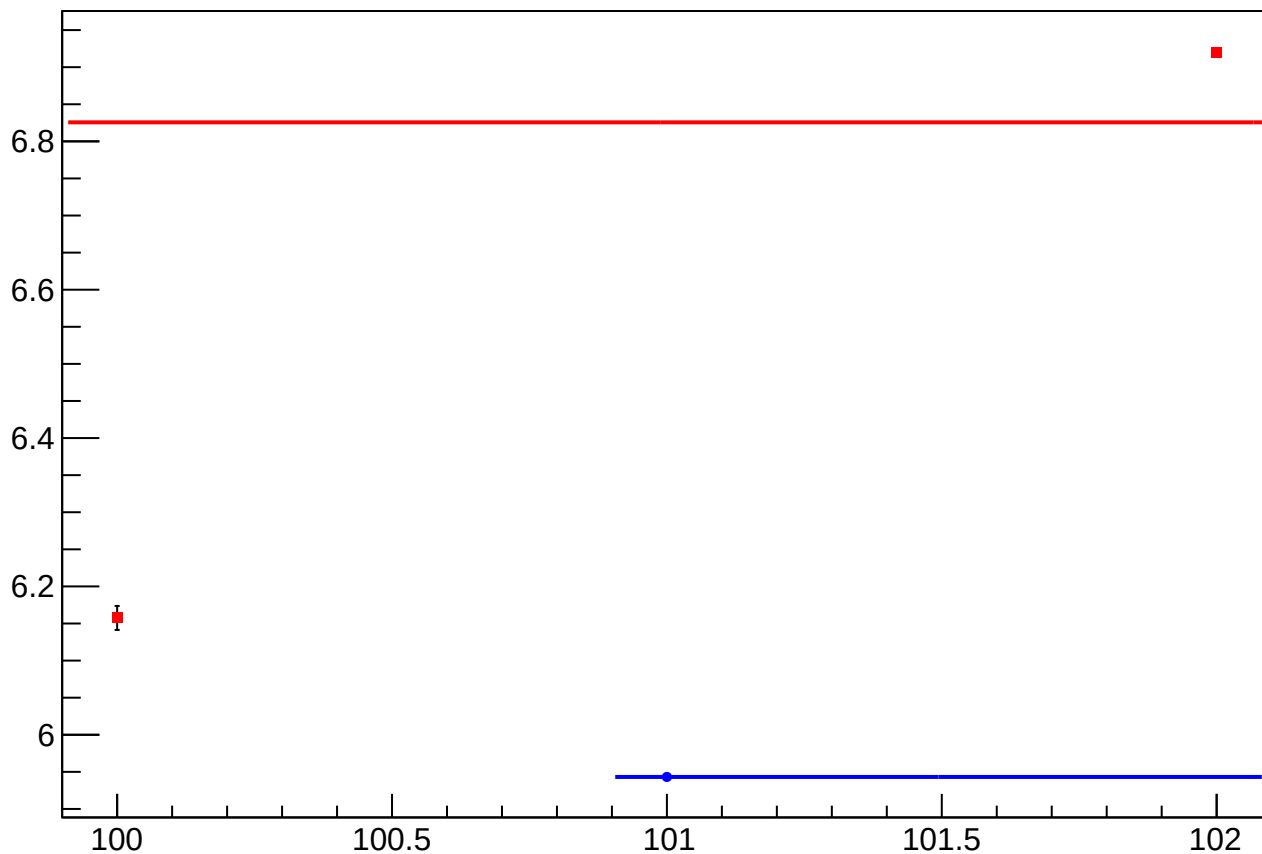
Right: -0.002 $\pm$ 0.005 χ^2 /NDF: 0.6/2

In: -0.001 $\pm$ 0.007 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.002 $\pm$ 0.005 χ^2 /NDF: 0.6/2

diff_dispE_bpm12X_rms vs Slug, Sign Corrected



Right In: 5.943 $\pm$ 0.005 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 6.826 $\pm$ 0.006 χ^2/NDF : 1947.2/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

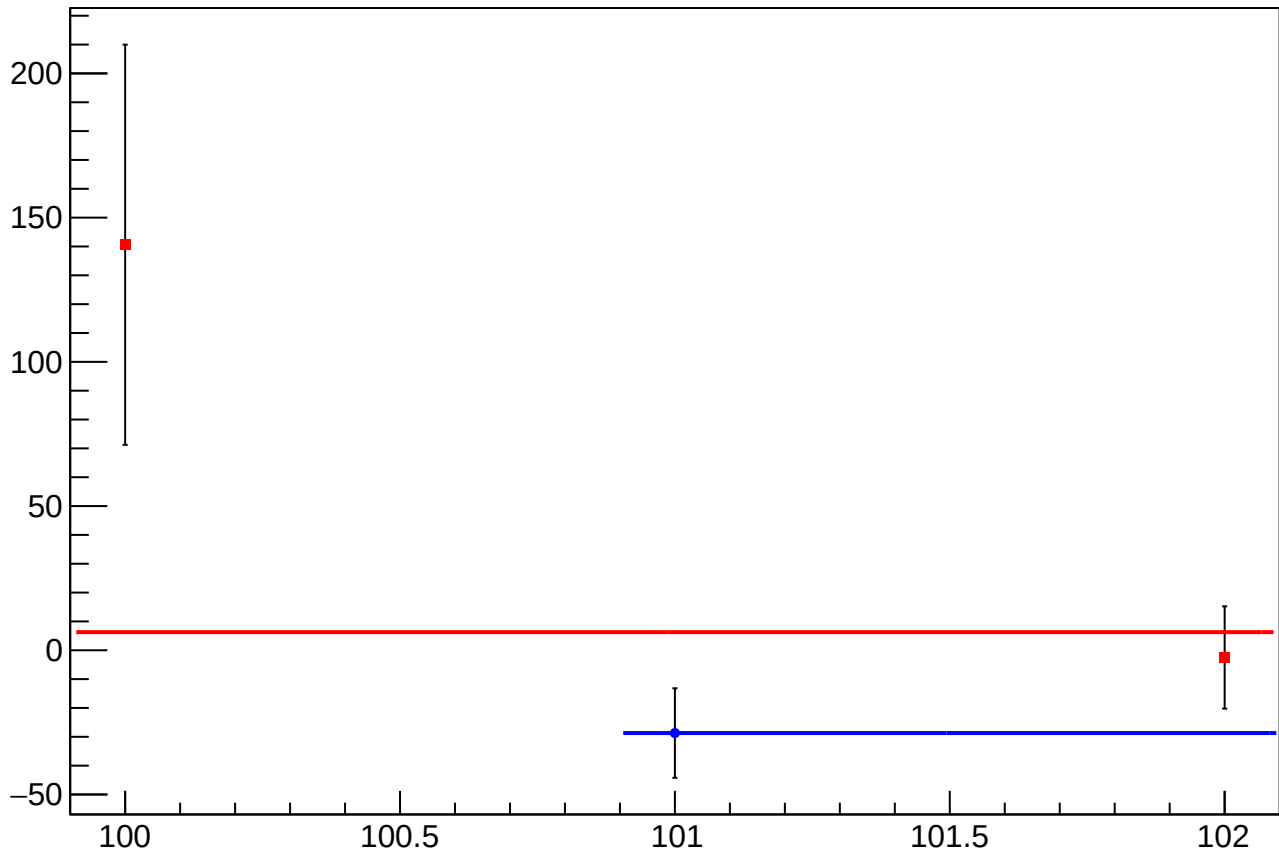
Right: 6.343 $\pm$ 0.004 χ^2/NDF : 15066.3/2

In: 5.943 $\pm$ 0.005 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 6.343 $\pm$ 0.004 χ^2/NDF : 15066.3/2

diff_targ_positionX_mean vs Slug, Sign Corrected



Right In: -28.699 $\pm$ 15.517 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.280 $\pm$ 17.184 χ^2 /NDF: 4.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

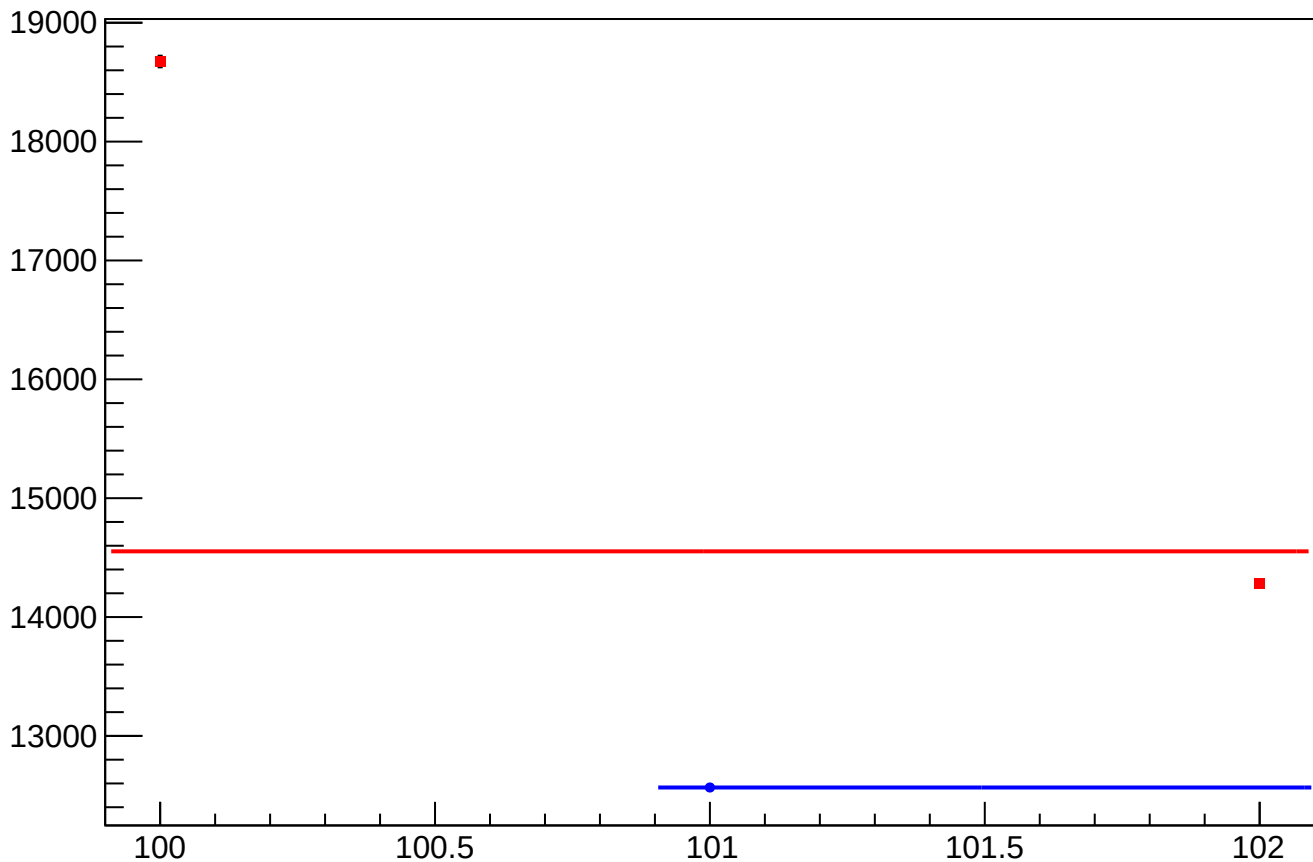
Right: -12.989 $\pm$ 11.517 χ^2 /NDF: 6.3/2

In: -28.699 $\pm$ 15.517 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -12.989 $\pm$ 11.517 χ^2 /NDF: 6.3/2

diff_targ_positionX_rms vs Slug, Sign Corrected



Right In: 12566.005+/-10.972 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14552.828+/-12.151 χ^2/NDF : 7518.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

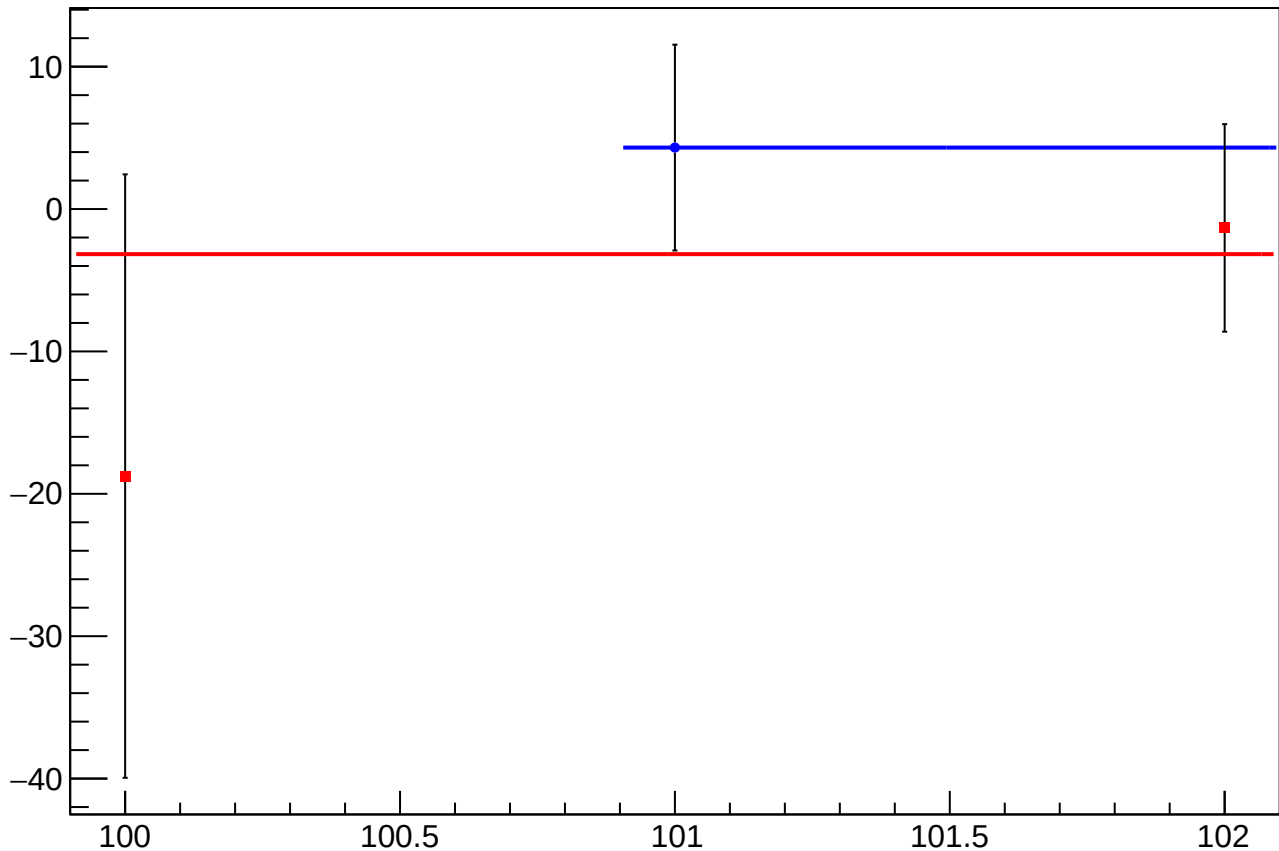
Right: 13458.355+/-8.143 χ^2/NDF : 22245.5/2

In: 12566.005+/-10.972 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13458.355+/-8.143 χ^2/NDF : 22245.5/2

diff_targ_positionY_mean vs Slug, Sign Corrected



Right In: 4.317+/-7.227 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.168+/-6.891 χ^2/NDF : 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

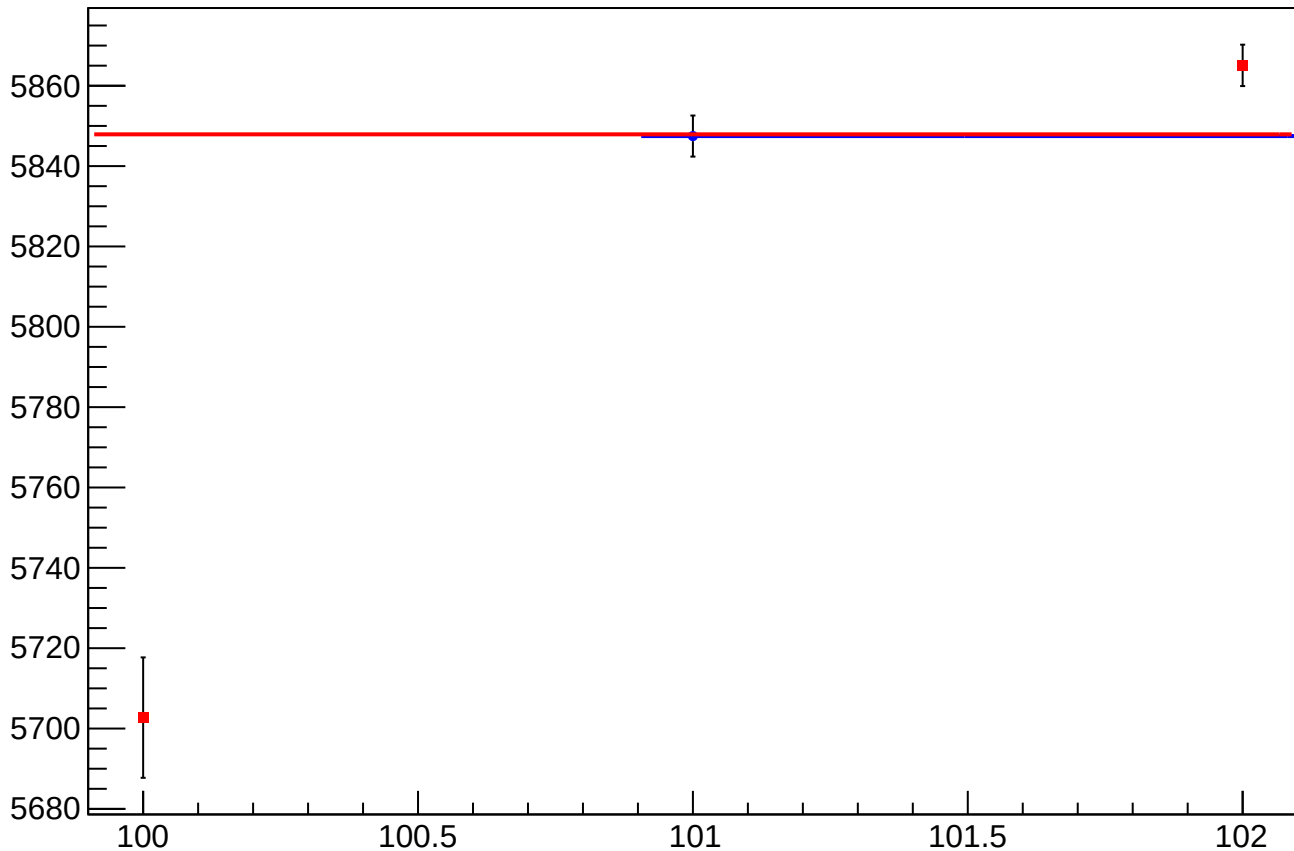
Right: 0.396+/-4.987 χ^2/NDF : 1.2/2

In: 4.317+/-7.227 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.396+/-4.987 χ^2/NDF : 1.2/2

diff_targ_positionY_rms vs Slug, Sign Corrected



Right In: 5847.476+/-5.110 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5847.907+/-4.873 χ^2/NDF : 105.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

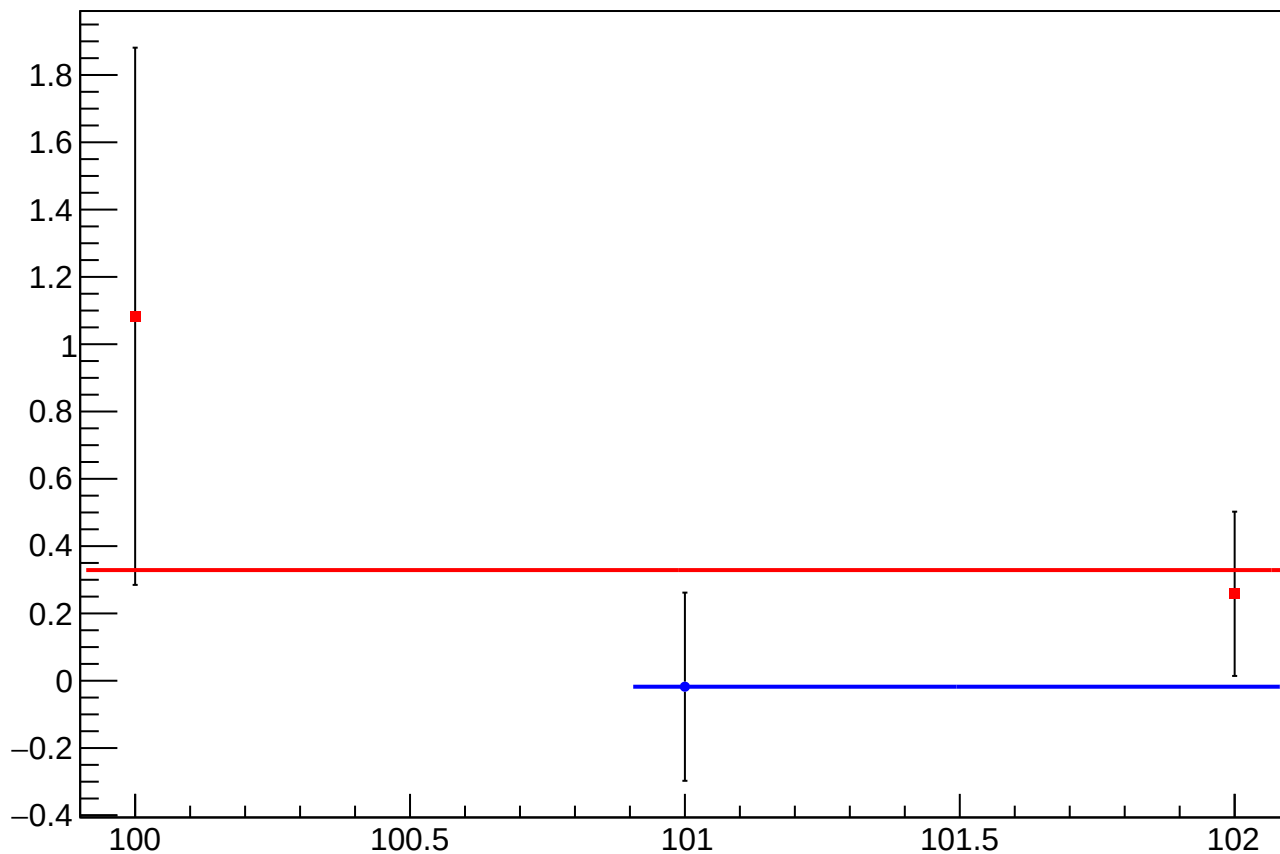
Right: 5847.702+/-3.527 χ^2/NDF : 105.0/2

In: 5847.476+/-5.110 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5847.702+/-3.527 χ^2/NDF : 105.0/2

diff_targ_thetaX_mean vs Slug, Sign Corrected



Right In: -0.018 $\pm$ 0.280 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.329 $\pm$ 0.233 χ^2 /NDF: 1.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

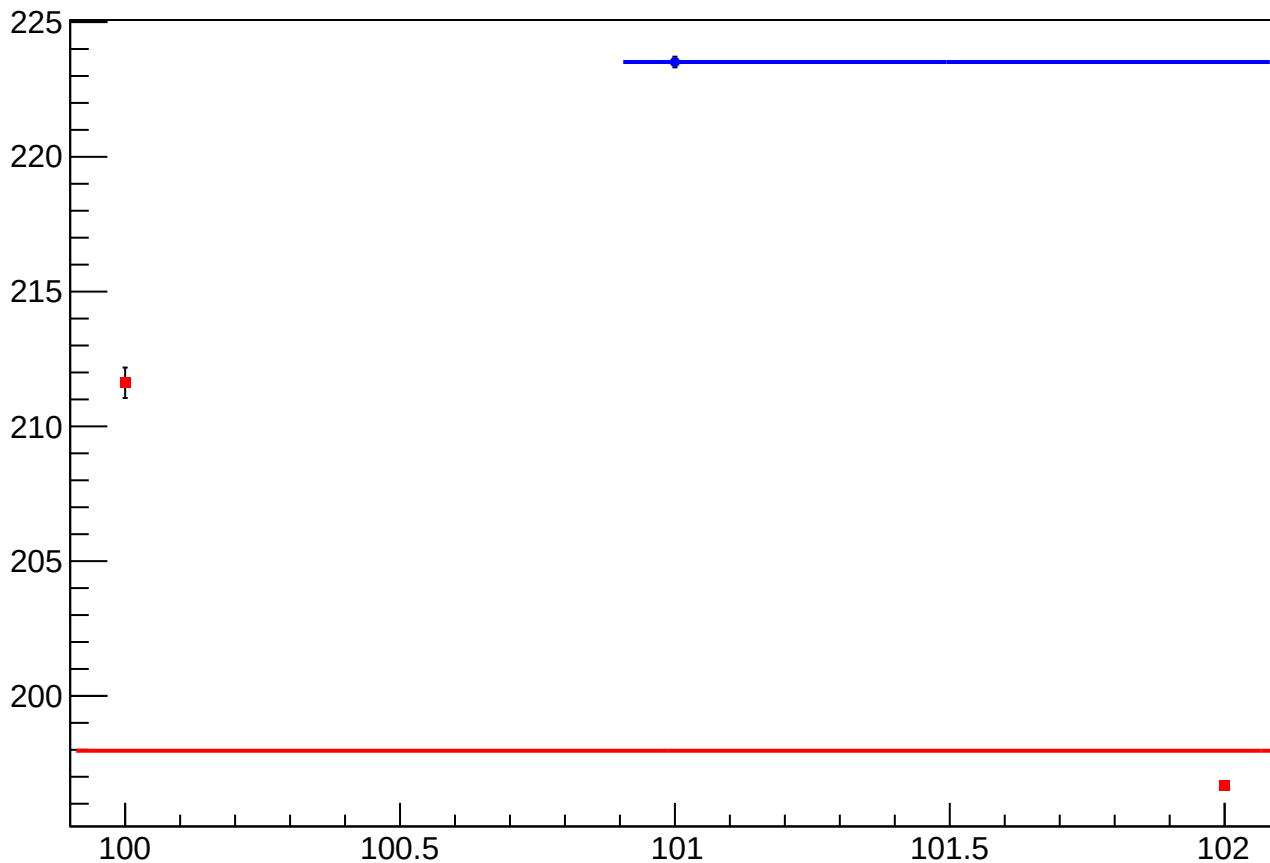
Right: 0.186 $\pm$ 0.179 χ^2 /NDF: 1.9/2

In: -0.018 $\pm$ 0.280 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.186 $\pm$ 0.179 χ^2 /NDF: 1.9/2

diff_targ_thetaX_rms vs Slug, Sign Corrected



Right In: 223.518 $\pm$ 0.198 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 197.966 $\pm$ 0.165 χ^2 /NDF: 639.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

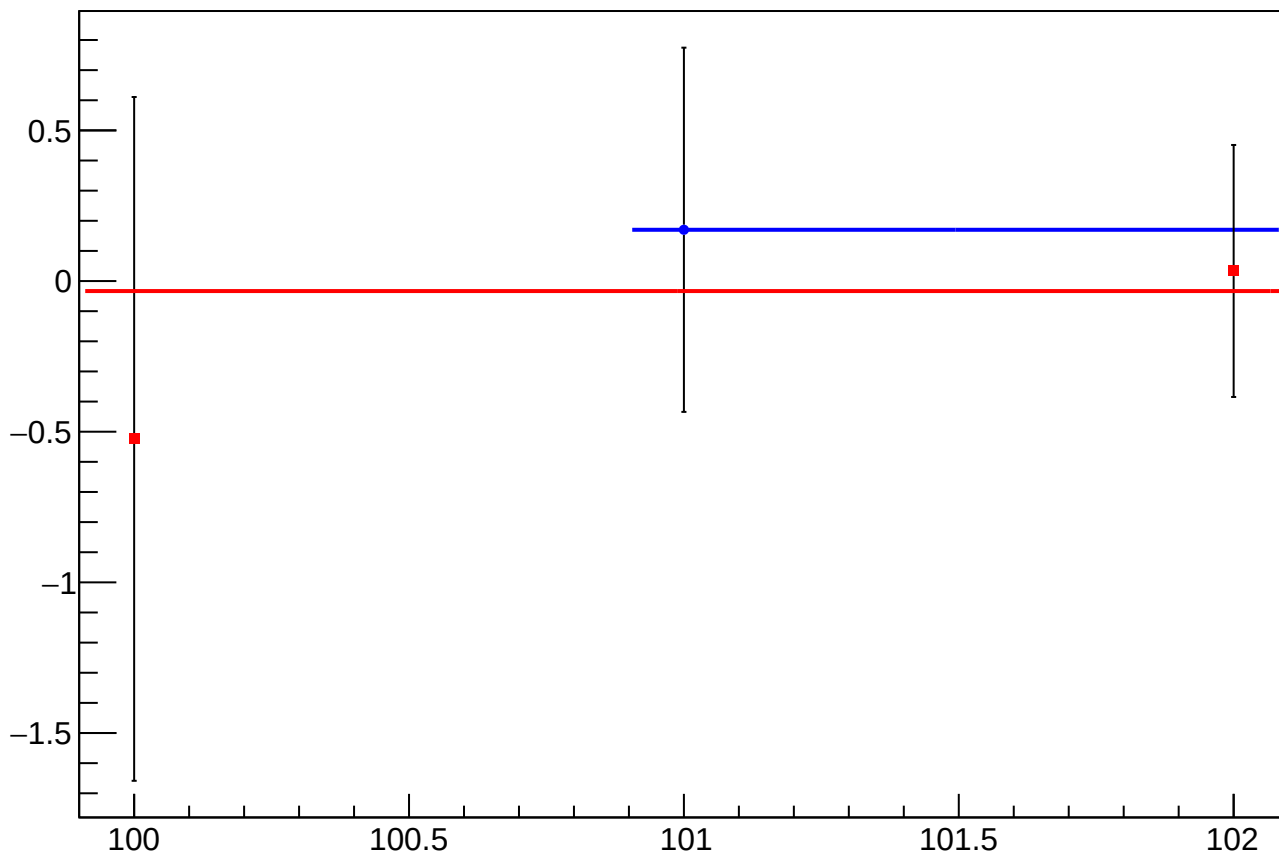
Right: 208.459 $\pm$ 0.127 χ^2 /NDF: 10484.6/2

In: 223.518 $\pm$ 0.198 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 208.459 $\pm$ 0.127 χ^2 /NDF: 10484.6/2

diff_targ_thetaY_mean vs Slug, Sign Corrected



Right In: 0.170+/-0.604 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.033+/-0.392 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

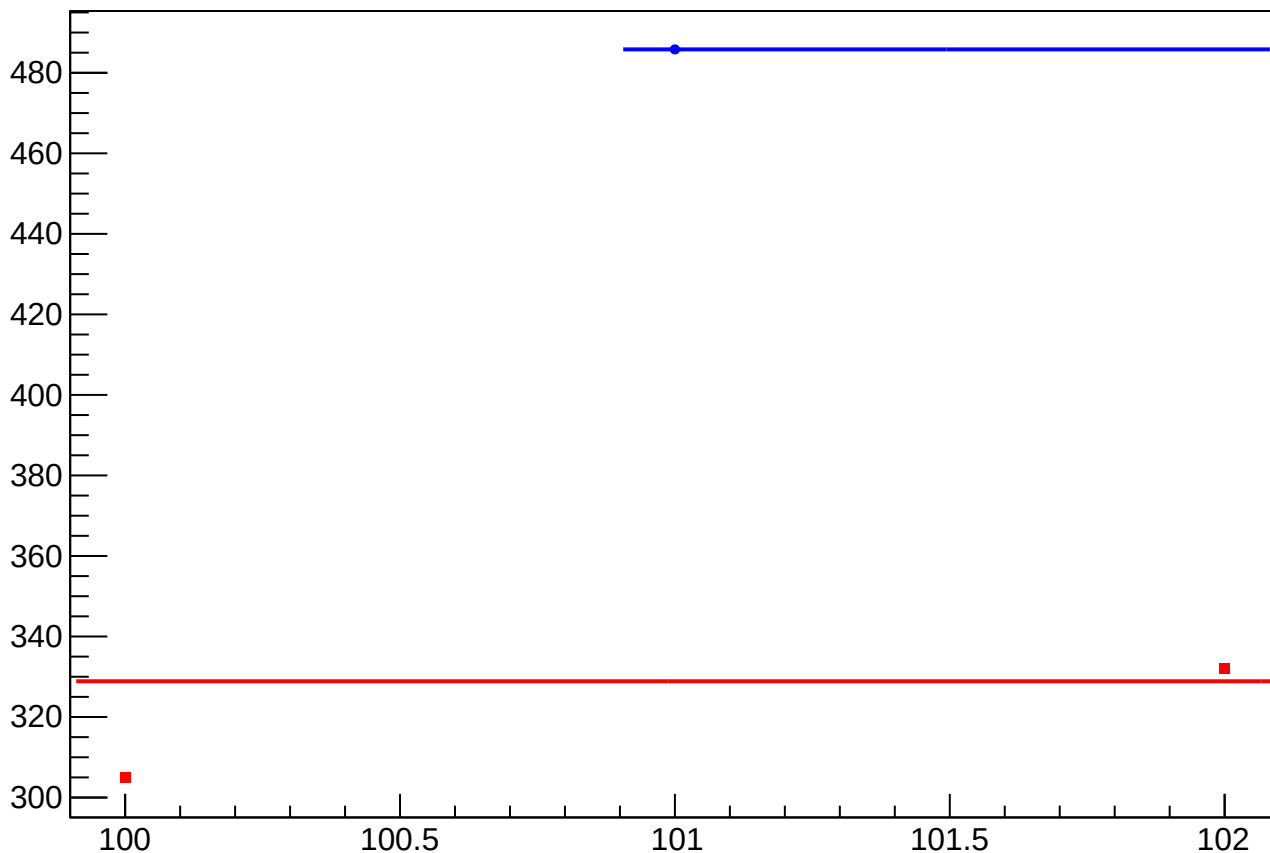
Right: 0.027+/-0.329 χ^2/NDF : 0.3/2

In: 0.170+/-0.604 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.027+/-0.329 χ^2/NDF : 0.3/2

diff_targ_thetaY_rms vs Slug, Sign Corrected



Right In: 485.817 $\pm$ 0.427 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 328.878 $\pm$ 0.277 χ^2 /NDF: 1009.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

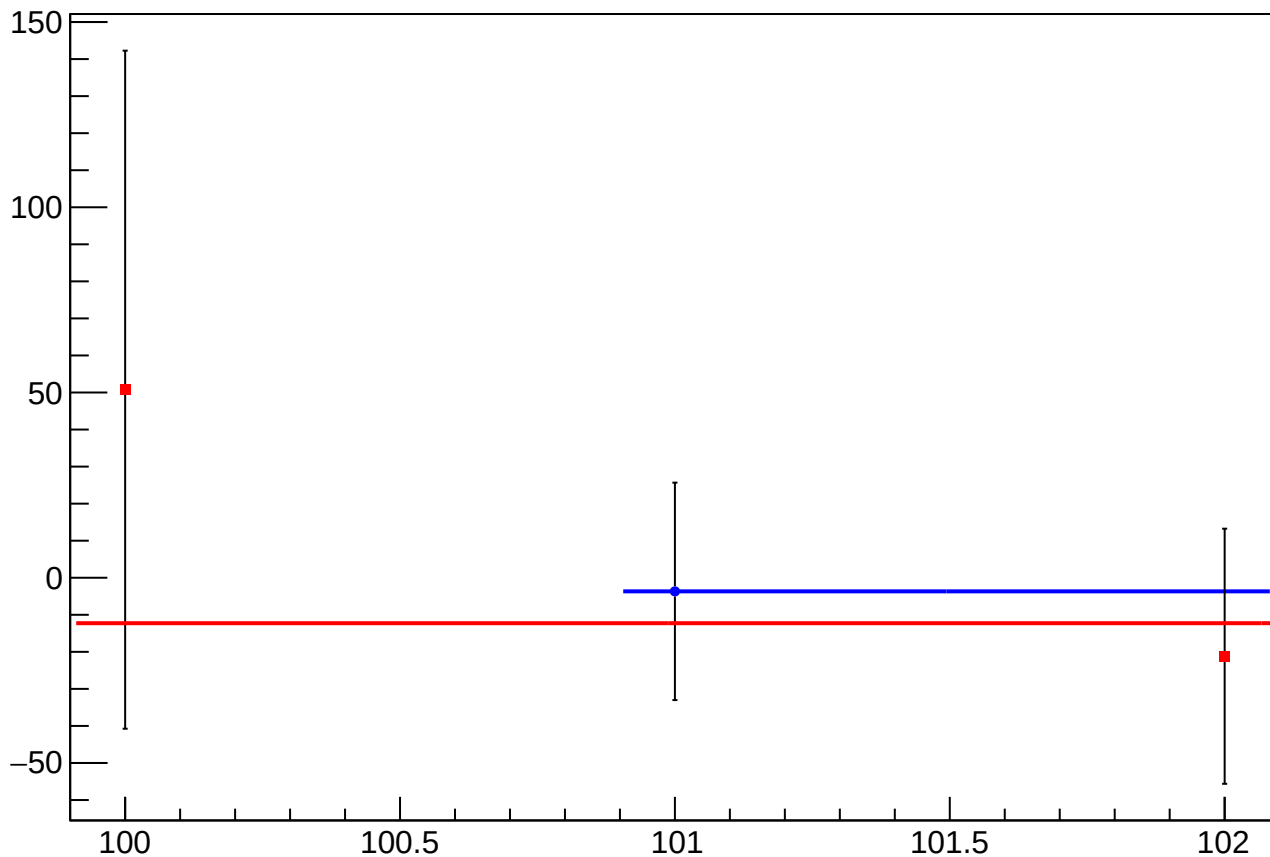
Right: 375.411 $\pm$ 0.233 χ^2 /NDF: 95874.5/2

In: 485.817 $\pm$ 0.427 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 375.411 $\pm$ 0.233 χ^2 /NDF: 95874.5/2

diff_bpmE_mean vs Slug, Sign Corrected



Right In: -3.676+/-29.346 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.267+/-32.225 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

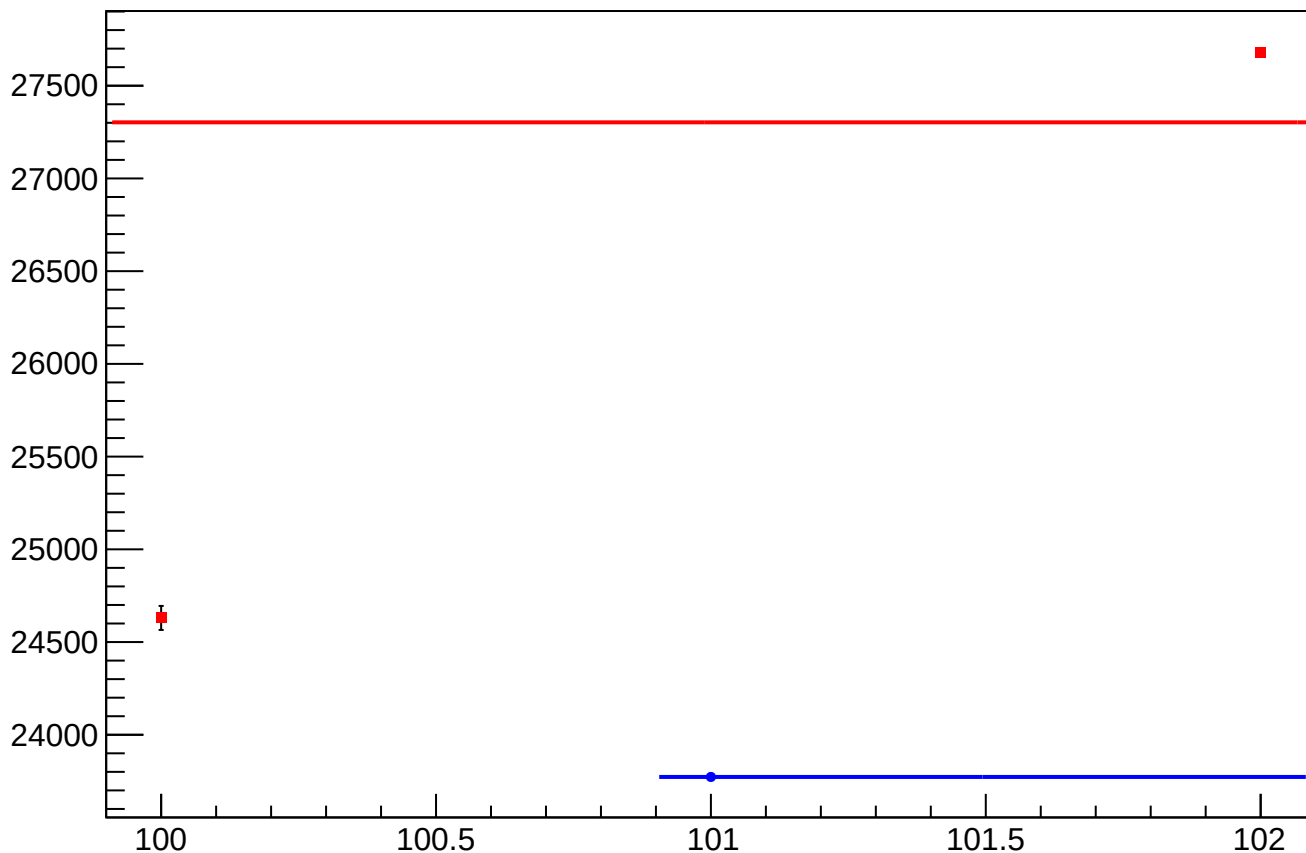
Right: -7.570+/-21.697 χ^2/NDF : 0.6/2

In: -3.676+/-29.346 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.570+/-21.697 χ^2/NDF : 0.6/2

diff_bpmE_rms vs Slug, Sign Corrected



Right In: 23772.559+/-20.751 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 27302.514+/-22.786 χ^2 /NDF: 1947.2/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

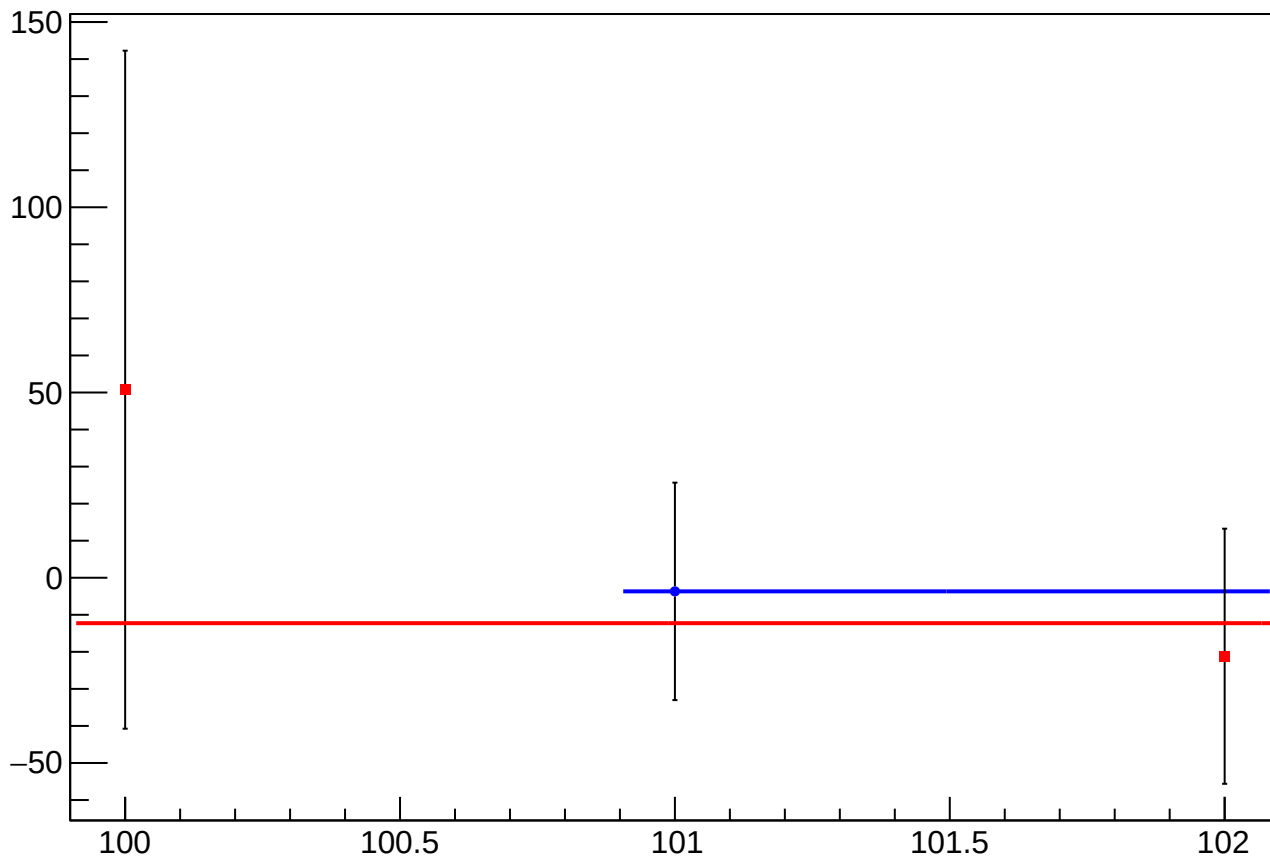
Right: 25372.830+/-15.342 χ^2 /NDF: 15066.3/2

In: 23772.559+/-20.751 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 25372.830+/-15.342 χ^2 /NDF: 15066.3/2

diff_bpmEX_mean vs Slug, Sign Corrected



Right In: -3.676+/-29.346 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.267+/-32.225 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

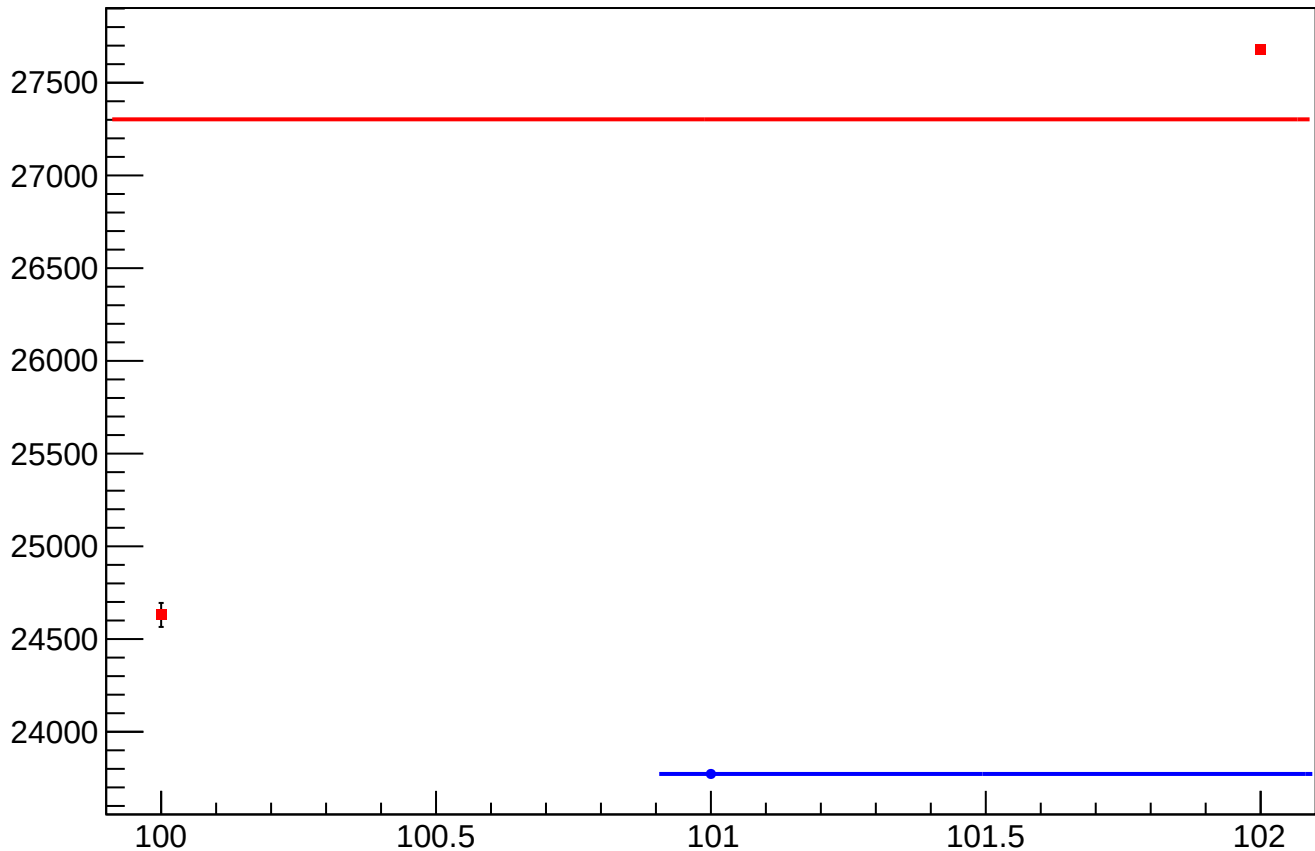
Right: -7.570+/-21.697 χ^2/NDF : 0.6/2

In: -3.676+/-29.346 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.570+/-21.697 χ^2/NDF : 0.6/2

diff_bpmEX_rms vs Slug, Sign Corrected



Right In: 23772.559+/-20.751 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 27302.514+/-22.786 χ^2 /NDF: 1947.2/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

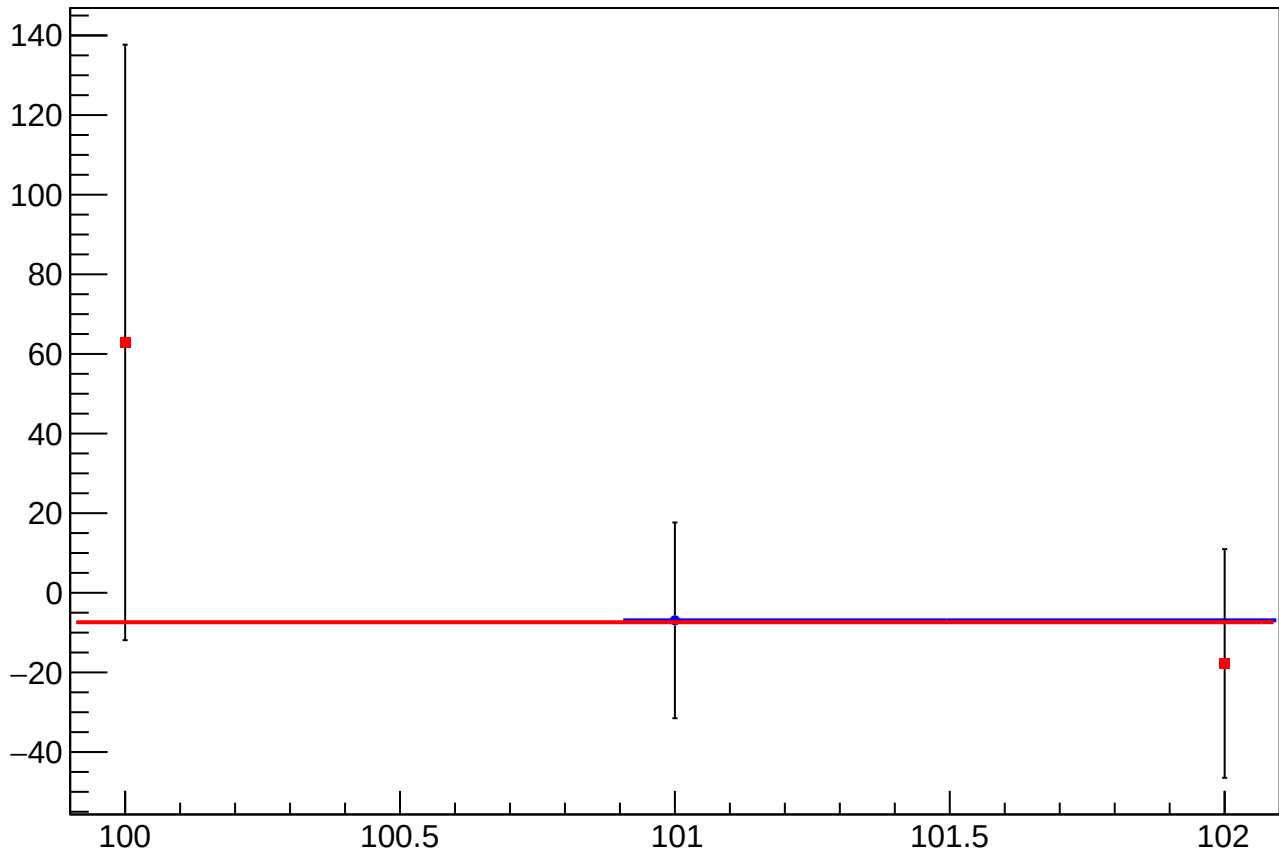
Right: 25372.830+/-15.342 χ^2 /NDF: 15066.3/2

In: 23772.559+/-20.751 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 25372.830+/-15.342 χ^2 /NDF: 15066.3/2

diff_bpmE_11X12X_mean vs Slug, Sign Corrected



Right In: -6.917+/-24.584 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.390+/-26.810 χ^2/NDF : 1.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

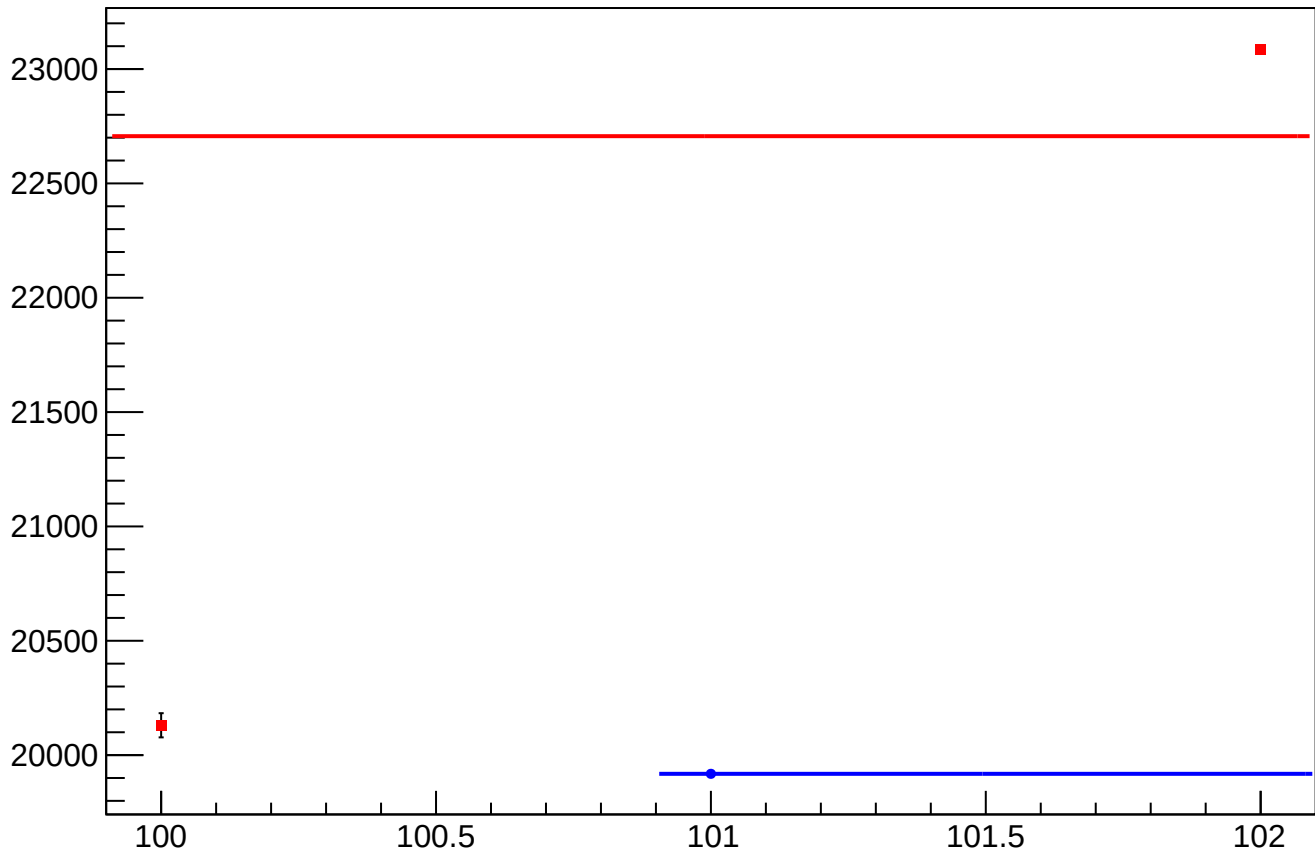
Right: -7.133+/-18.119 χ^2/NDF : 1.0/2

In: -6.917+/-24.584 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.133+/-18.119 χ^2/NDF : 1.0/2

diff_bpmE_11X12X_rms vs Slug, Sign Corrected



Right In: 19918.226+/-17.384 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22706.545+/-18.957 χ^2/NDF : 2722.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

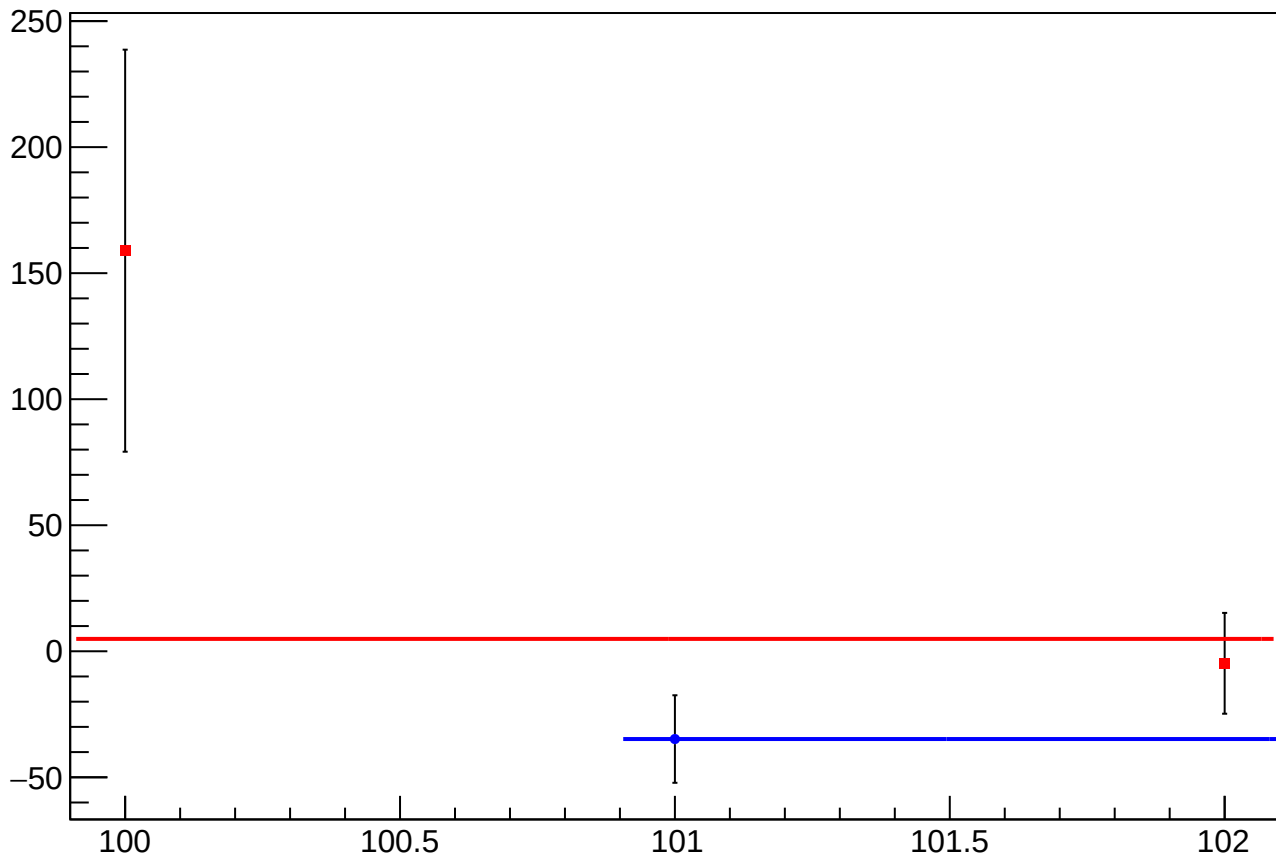
Right: 21191.848+/-12.812 χ^2/NDF : 14474.3/2

In: 19918.226+/-17.384 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21191.848+/-12.812 χ^2/NDF : 14474.3/2

diff_bpm4aesumX_mean vs Slug, Sign Corrected



Right In: -34.820 $\pm$ 17.362 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.906 $\pm$ 19.398 χ^2 /NDF: 4.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

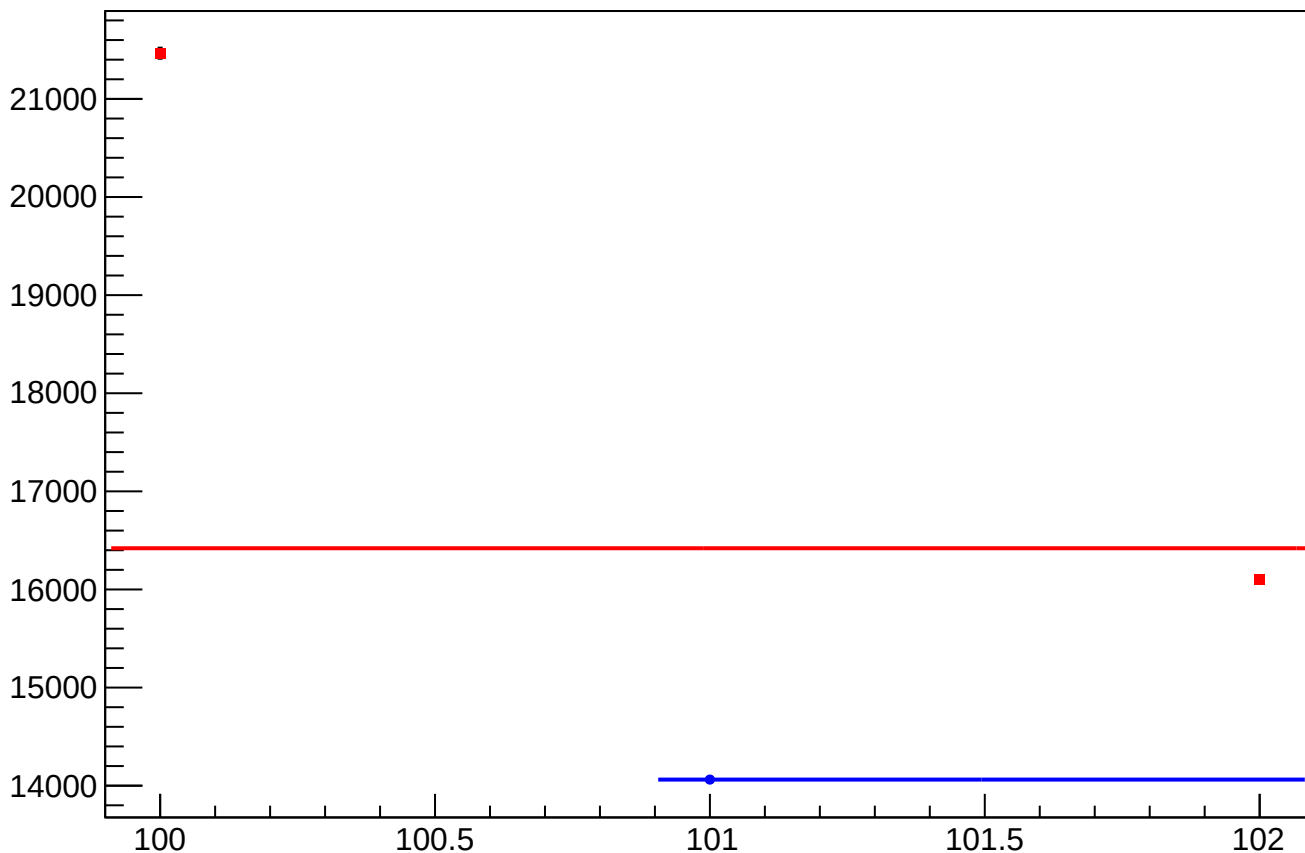
Right: -17.150 $\pm$ 12.937 χ^2 /NDF: 6.3/2

In: -34.820 $\pm$ 17.362 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -17.150 $\pm$ 12.937 χ^2 /NDF: 6.3/2

diff_bpm4aesumX_rms vs Slug, Sign Corrected



Right In: 14062.100 $\pm$ 12.277 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16420.125 $\pm$ 13.717 χ^2 /NDF: 8509.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

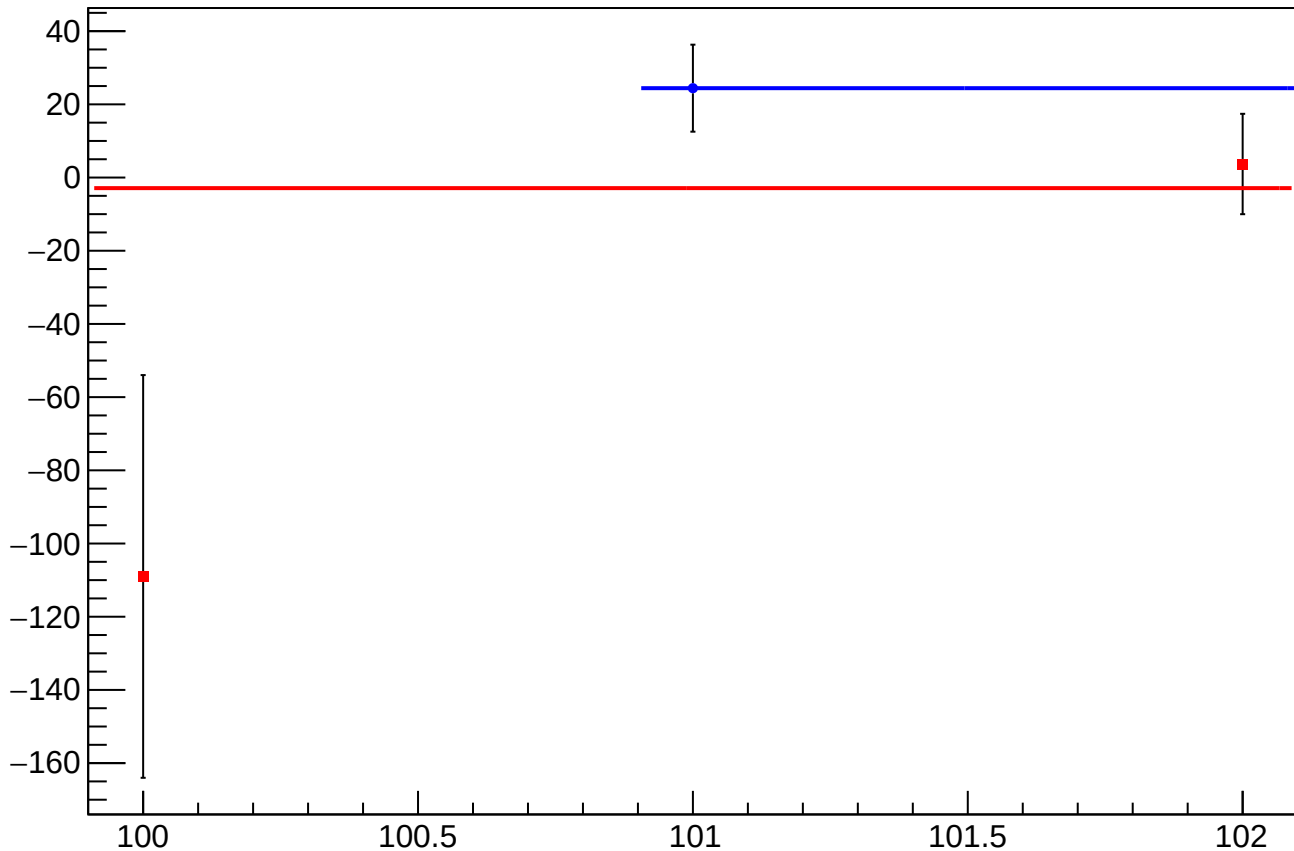
Right: 15110.915 $\pm$ 9.148 χ^2 /NDF: 24917.7/2

In: 14062.100 $\pm$ 12.277 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 15110.915 $\pm$ 9.148 χ^2 /NDF: 24917.7/2

diff_bpm4aediX_mean vs Slug, Sign Corrected



Right In: 24.419 $\pm$ 11.887 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.892 $\pm$ 13.307 χ^2 /NDF: 3.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

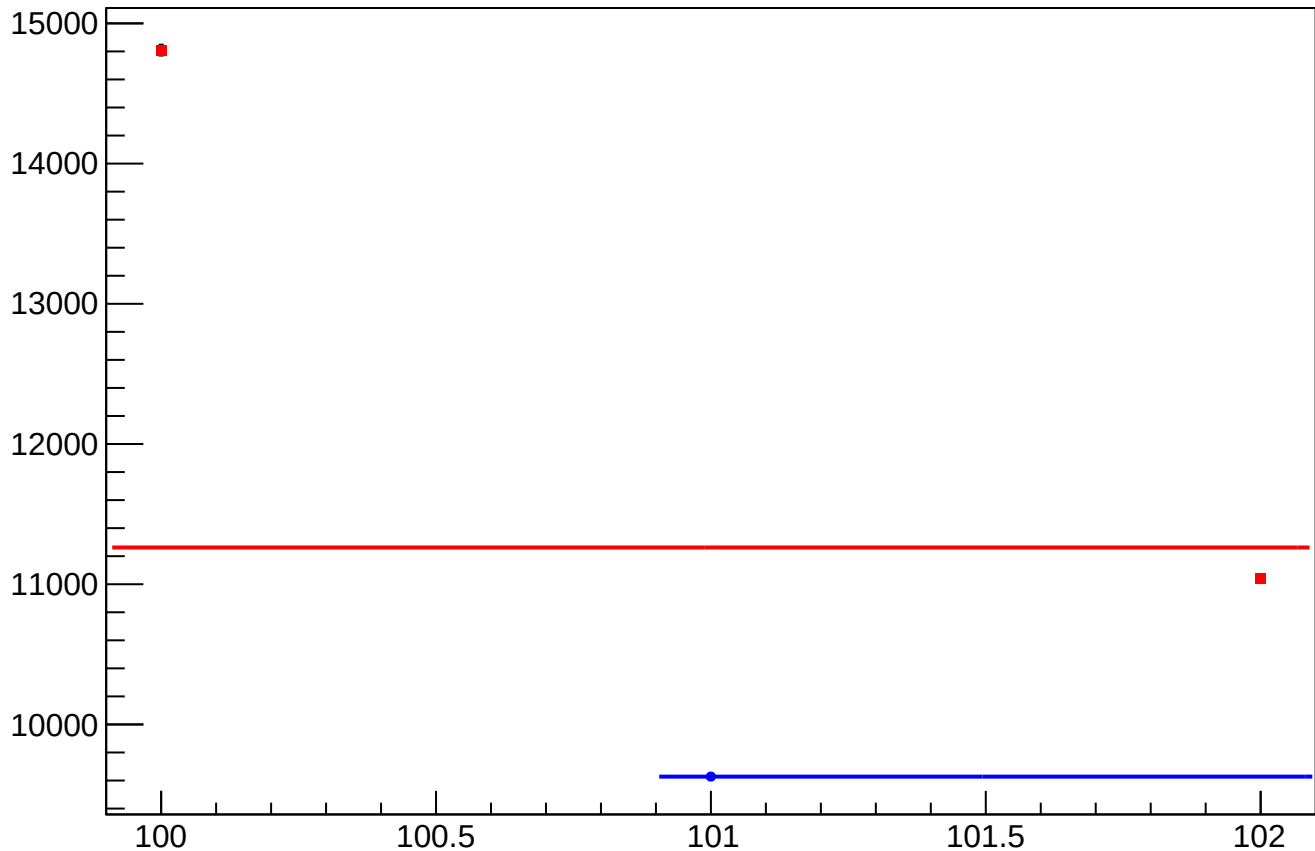
Right: 12.298 $\pm$ 8.865 χ^2 /NDF: 6.3/2

In: 24.419 $\pm$ 11.887 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 12.298 $\pm$ 8.865 χ^2 /NDF: 6.3/2

diff_bpm4aediffX_rms vs Slug, Sign Corrected



Right In: 9627.890+/-8.405 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11262.128+/-9.409 χ^2/NDF : 8829.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

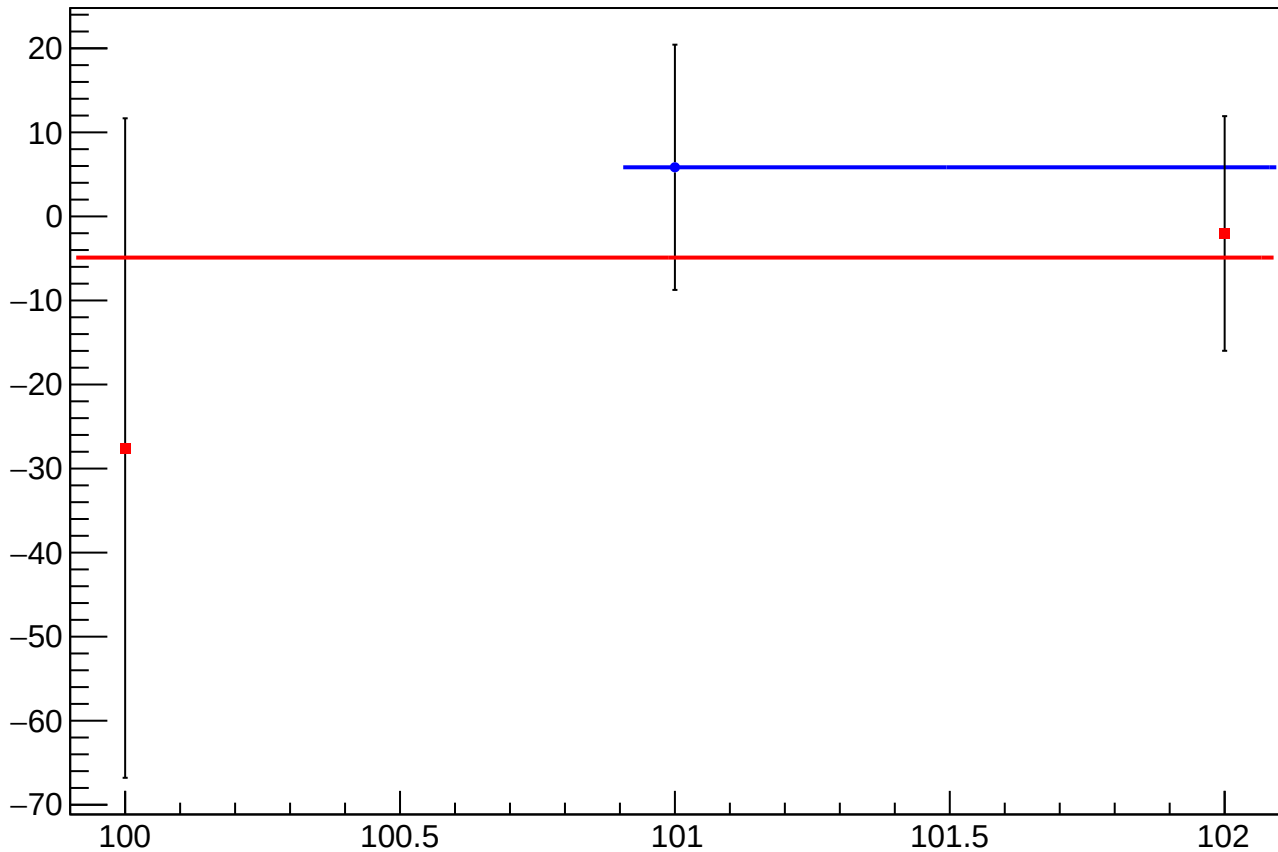
Right: 10353.218+/-6.269 χ^2/NDF : 25606.7/2

In: 9627.890+/-8.405 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10353.218+/-6.269 χ^2/NDF : 25606.7/2

diff_bpm4aesumY_mean vs Slug, Sign Corrected



Right In: 5.845±14.589 χ^2/NDF : 0.0/0

Left Out: 0.000±0.000 χ^2/NDF : 0.0/0

Right Out: -4.898±13.151 χ^2/NDF : 0.4/1

Left In: 0.000±0.000 χ^2/NDF : 0.0/0

Left: 0.000±0.000 χ^2/NDF : 0.0/0

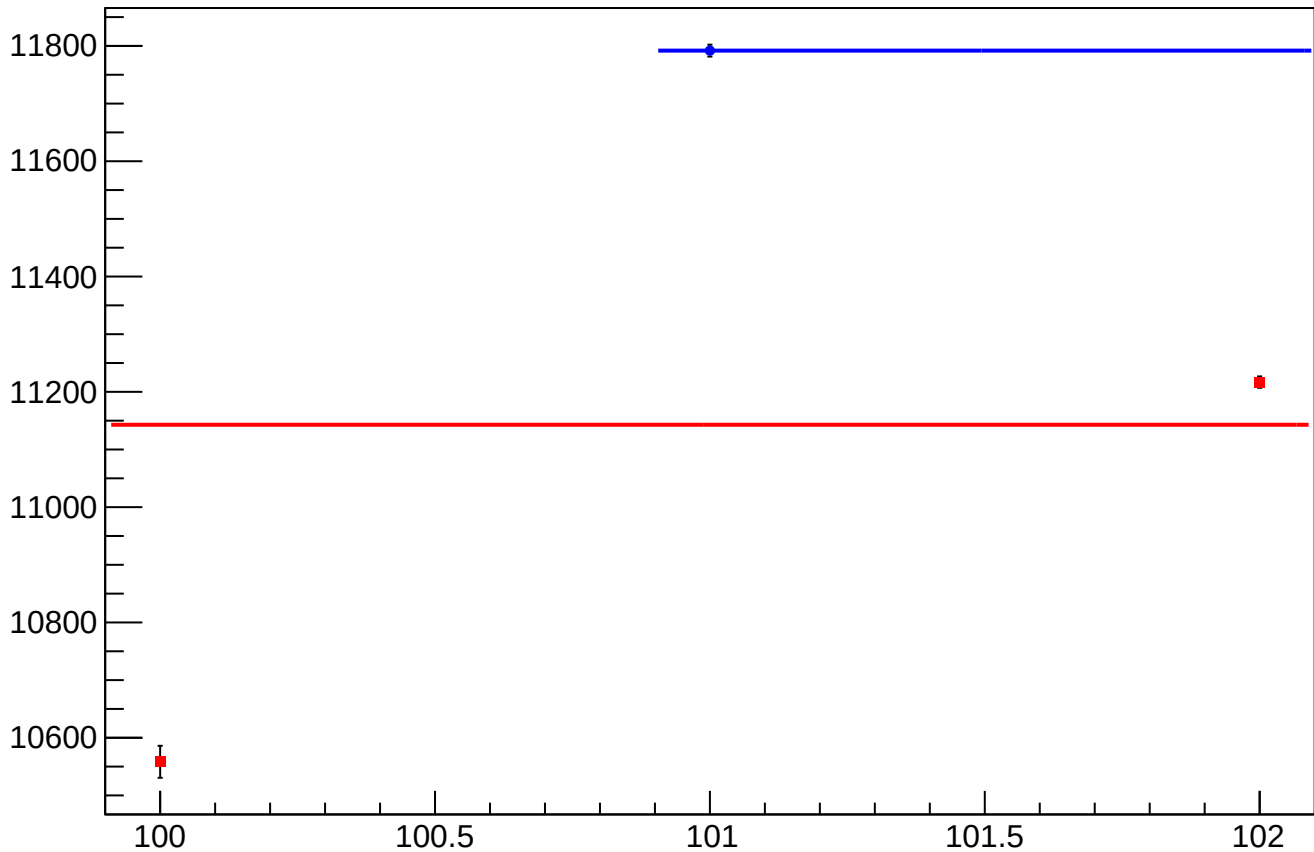
Right: -0.082±9.768 χ^2/NDF : 0.7/2

In: 5.845±14.589 χ^2/NDF : 0.0/0

Out: 0.000±0.000 χ^2/NDF : 0.0/0

All: -0.082±9.768 χ^2/NDF : 0.7/2

diff_bpm4aesumY_rms vs Slug, Sign Corrected



Right In: 11791.861 $\pm$ 10.316 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11142.885 $\pm$ 9.299 χ^2 /NDF: 500.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

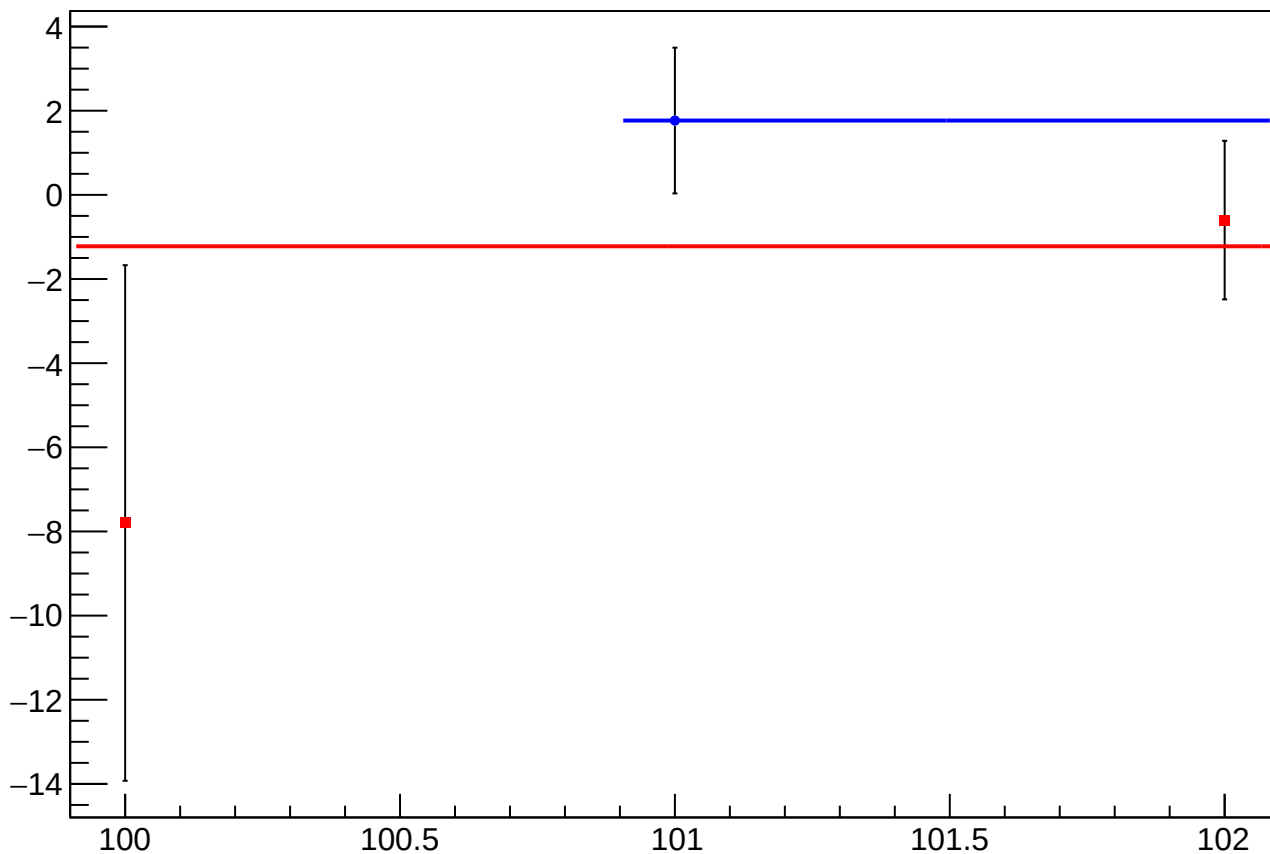
Right: 11433.816 $\pm$ 6.907 χ^2 /NDF: 2683.6/2

In: 11791.861 $\pm$ 10.316 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11433.816 $\pm$ 6.907 χ^2 /NDF: 2683.6/2

diff_bpm4aediffY_mean vs Slug, Sign Corrected



Right In: 1.766+/-1.732 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.222+/-1.801 χ^2/NDF : 1.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

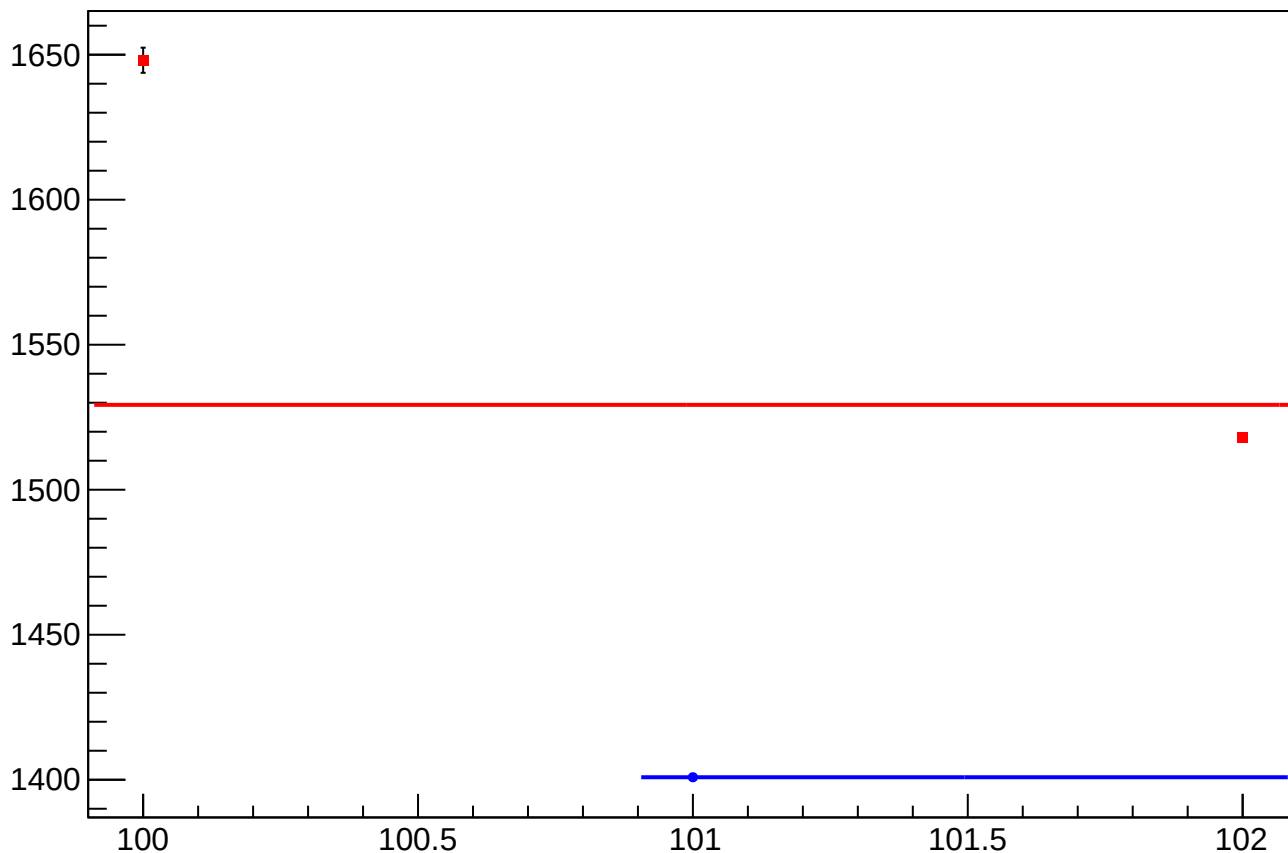
Right: 0.330+/-1.248 χ^2/NDF : 2.7/2

In: 1.766+/-1.732 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.330+/-1.248 χ^2/NDF : 2.7/2

diff_bpm4aediY_rms vs Slug, Sign Corrected



Right In: 1400.861 $\pm$ 1.225 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1529.266 $\pm$ 1.273 χ^2 /NDF: 823.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

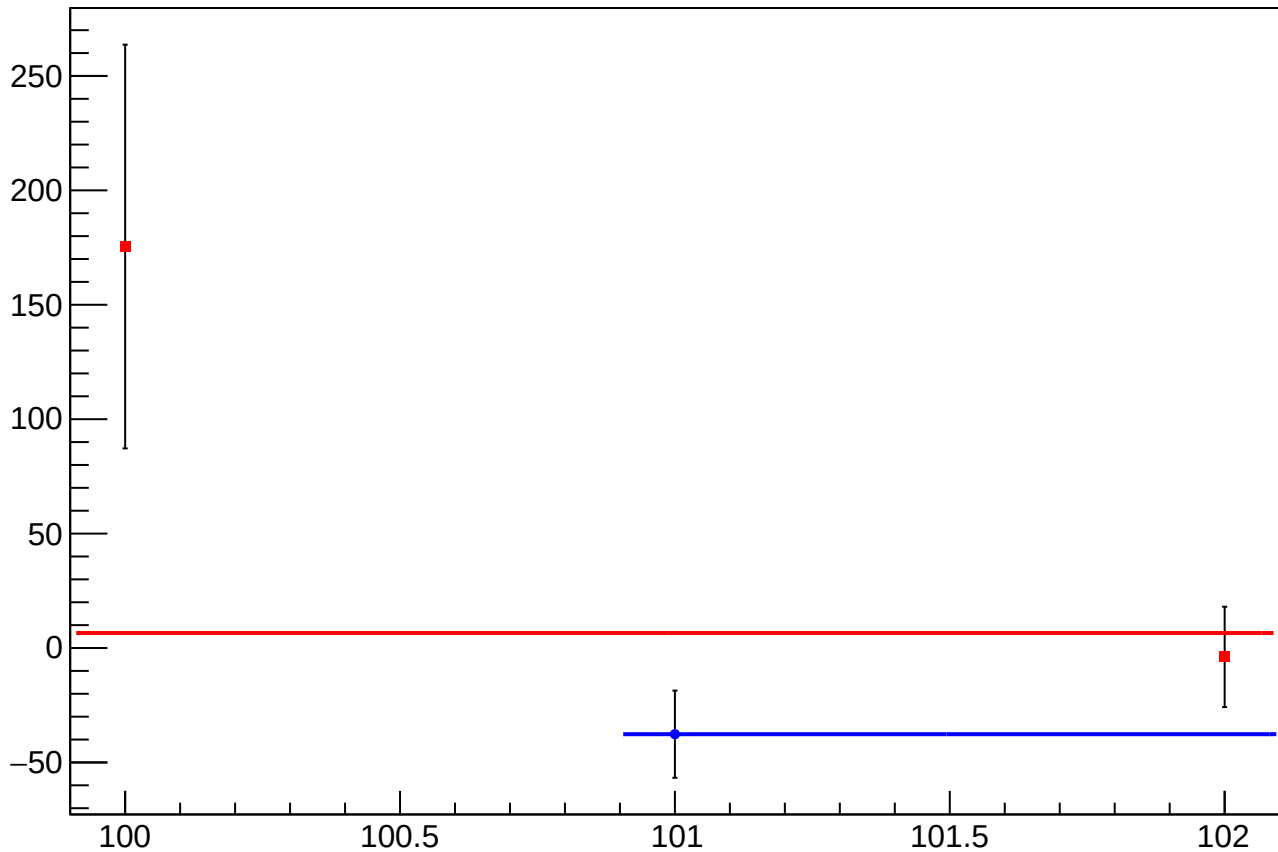
Right: 1462.562 $\pm$ 0.883 χ^2 /NDF: 6105.4/2

In: 1400.861 $\pm$ 1.225 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1462.562 $\pm$ 0.883 χ^2 /NDF: 6105.4/2

diff_bpmtargetsumX_mean vs Slug, Sign Corrected



Right In: -37.661+/-19.053 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.557+/-21.286 χ^2/NDF : 3.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

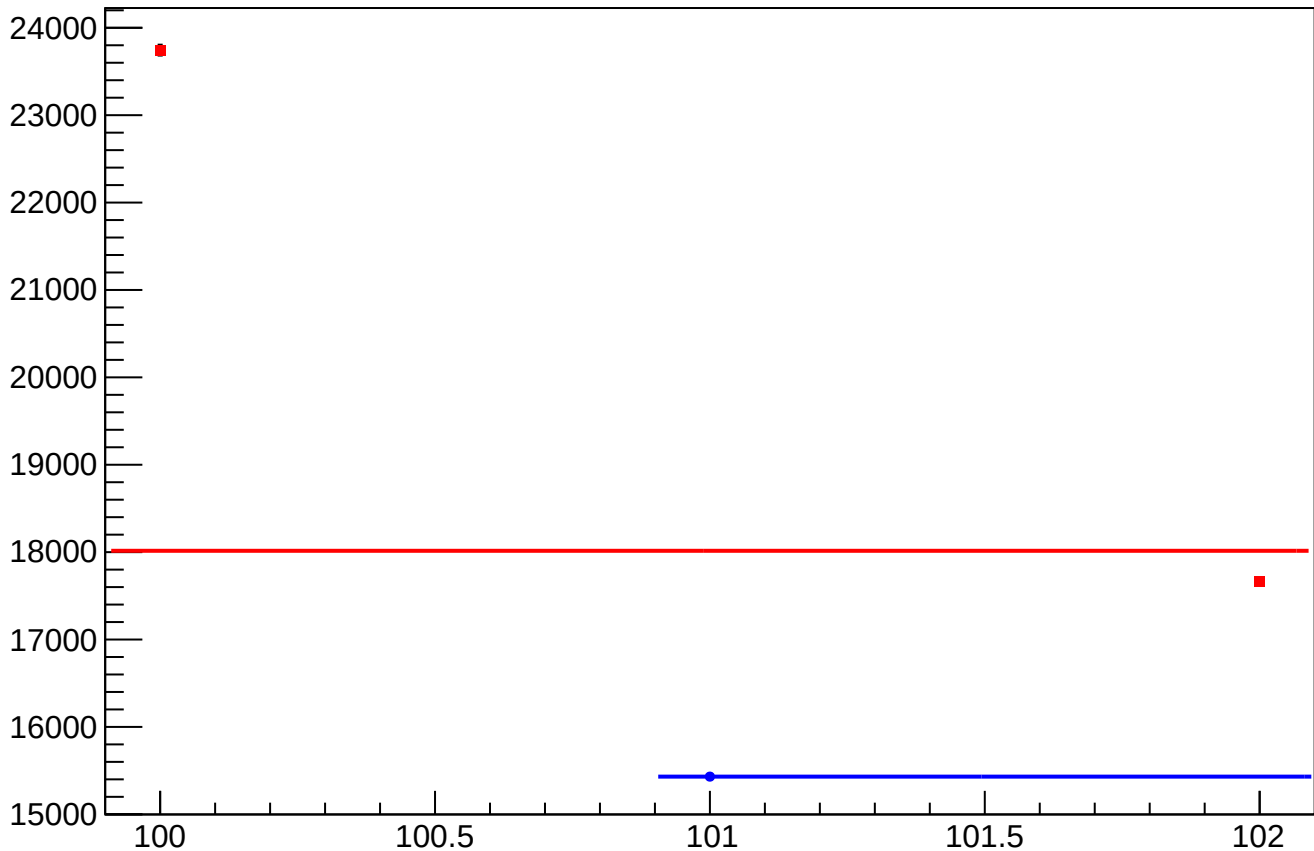
Right: -17.992+/-14.196 χ^2/NDF : 6.3/2

In: -37.661+/-19.053 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.992+/-14.196 χ^2/NDF : 6.3/2

diff_bpmtargetsumX_rms vs Slug, Sign Corrected



Right In: 15431.273+/-13.472 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18015.350+/-15.051 χ^2/NDF : 8957.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

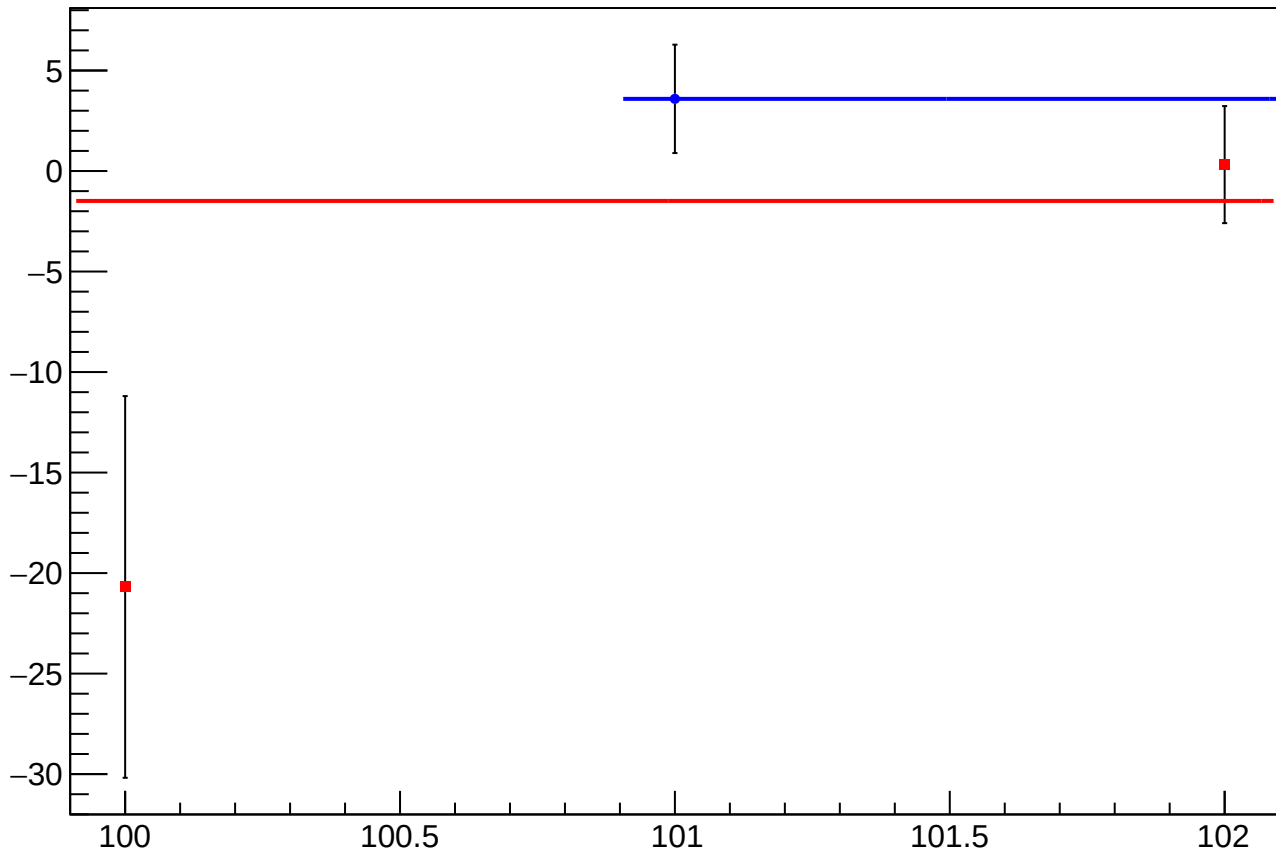
Right: 16580.687+/-10.038 χ^2/NDF : 25321.6/2

In: 15431.273+/-13.472 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16580.687+/-10.038 χ^2/NDF : 25321.6/2

diff_bpmtargetdiffX_mean vs Slug, Sign Corrected



Right In: 3.590 $\pm$ 2.696 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -1.487 $\pm$ 2.784 χ^2/NDF : 4.5/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

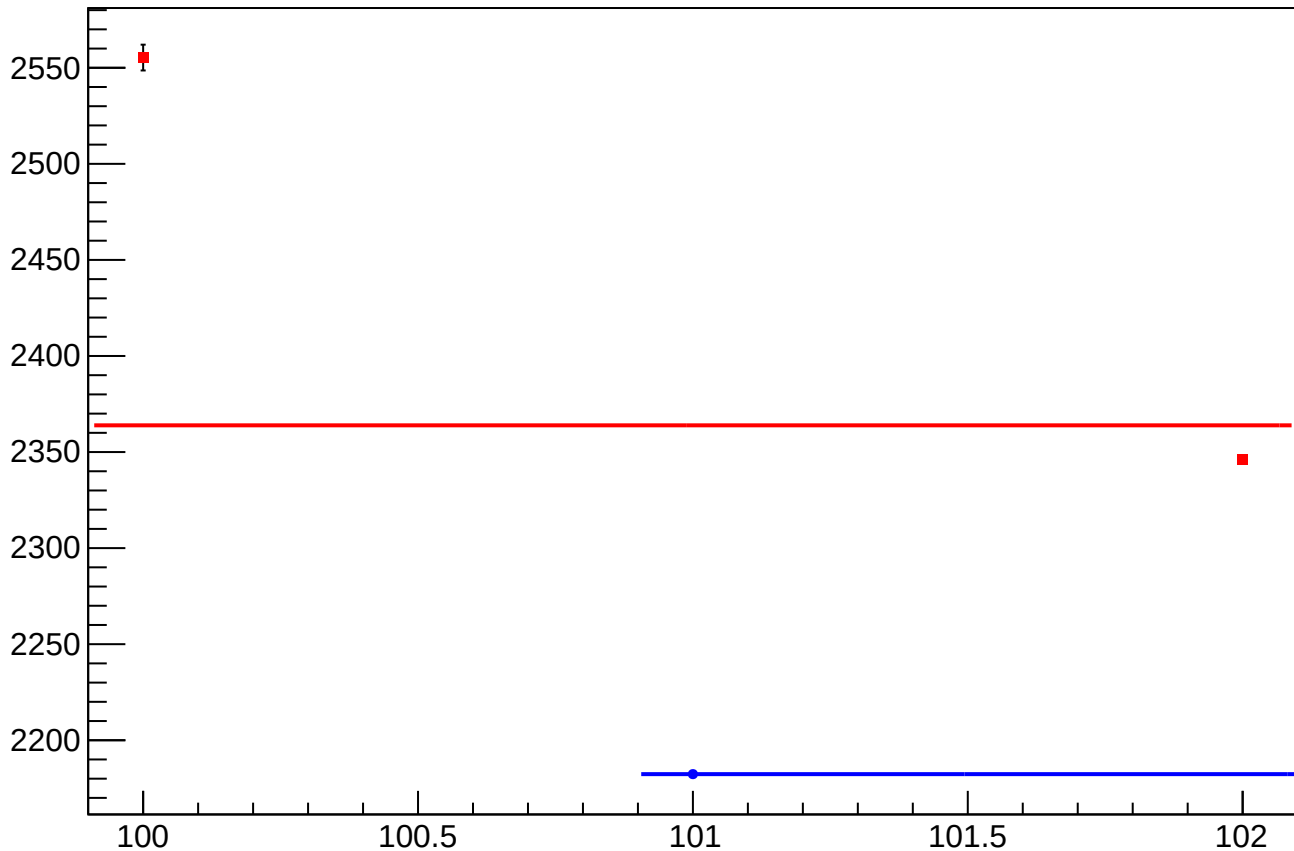
Right: 1.133 $\pm$ 1.936 χ^2/NDF : 6.2/2

In: 3.590 $\pm$ 2.696 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1.133 $\pm$ 1.936 χ^2/NDF : 6.2/2

diff_bpmtargetdiffX_rms vs Slug, Sign Corrected



Right In: 2182.362 $\pm$ 1.906 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2363.904 $\pm$ 1.968 χ^2 /NDF: 889.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

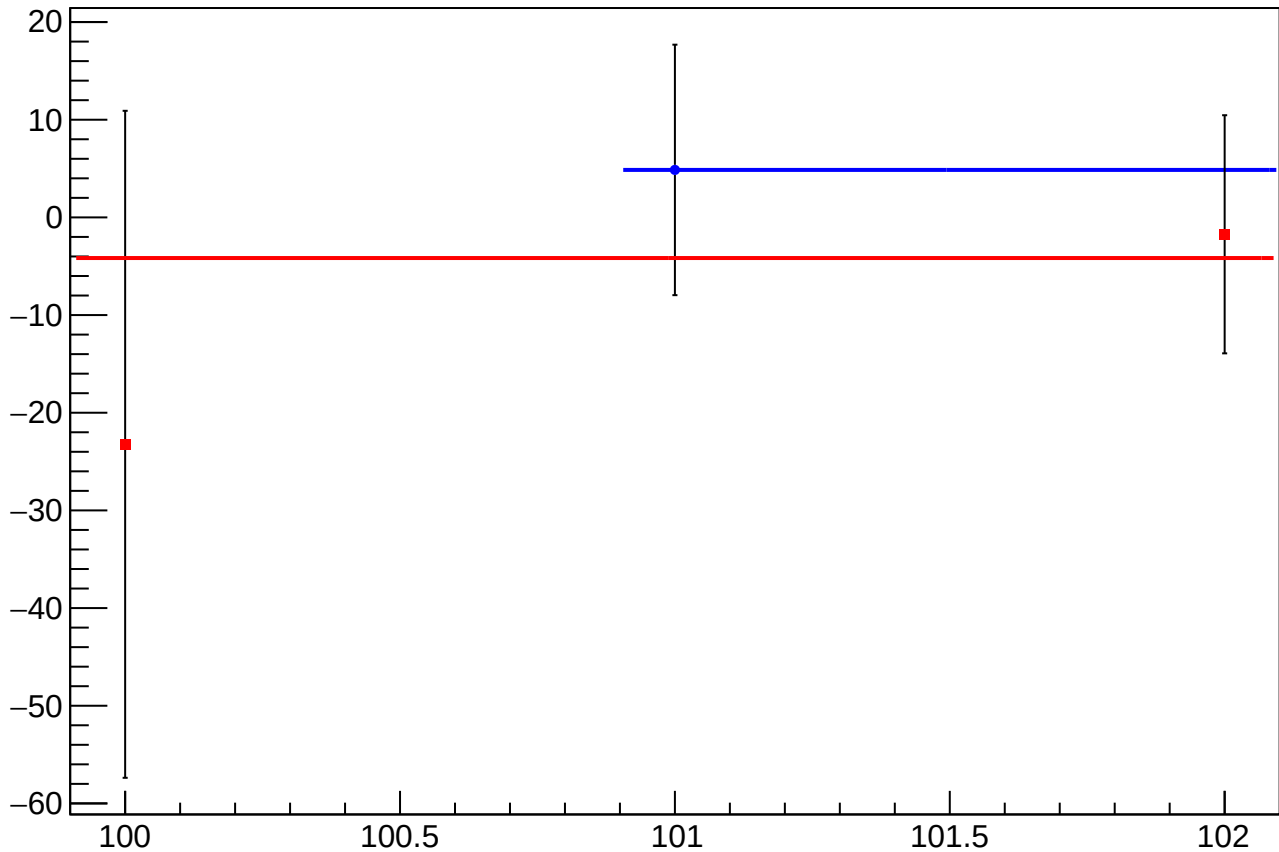
Right: 2270.222 $\pm$ 1.369 χ^2 /NDF: 5279.3/2

In: 2182.362 $\pm$ 1.906 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2270.222 $\pm$ 1.369 χ^2 /NDF: 5279.3/2

diff_bpmtargetsumY_mean vs Slug, Sign Corrected



Right In: 4.861 ± 12.823 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -4.161 ± 11.481 $\chi^2/\text{NDF}: 0.4/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

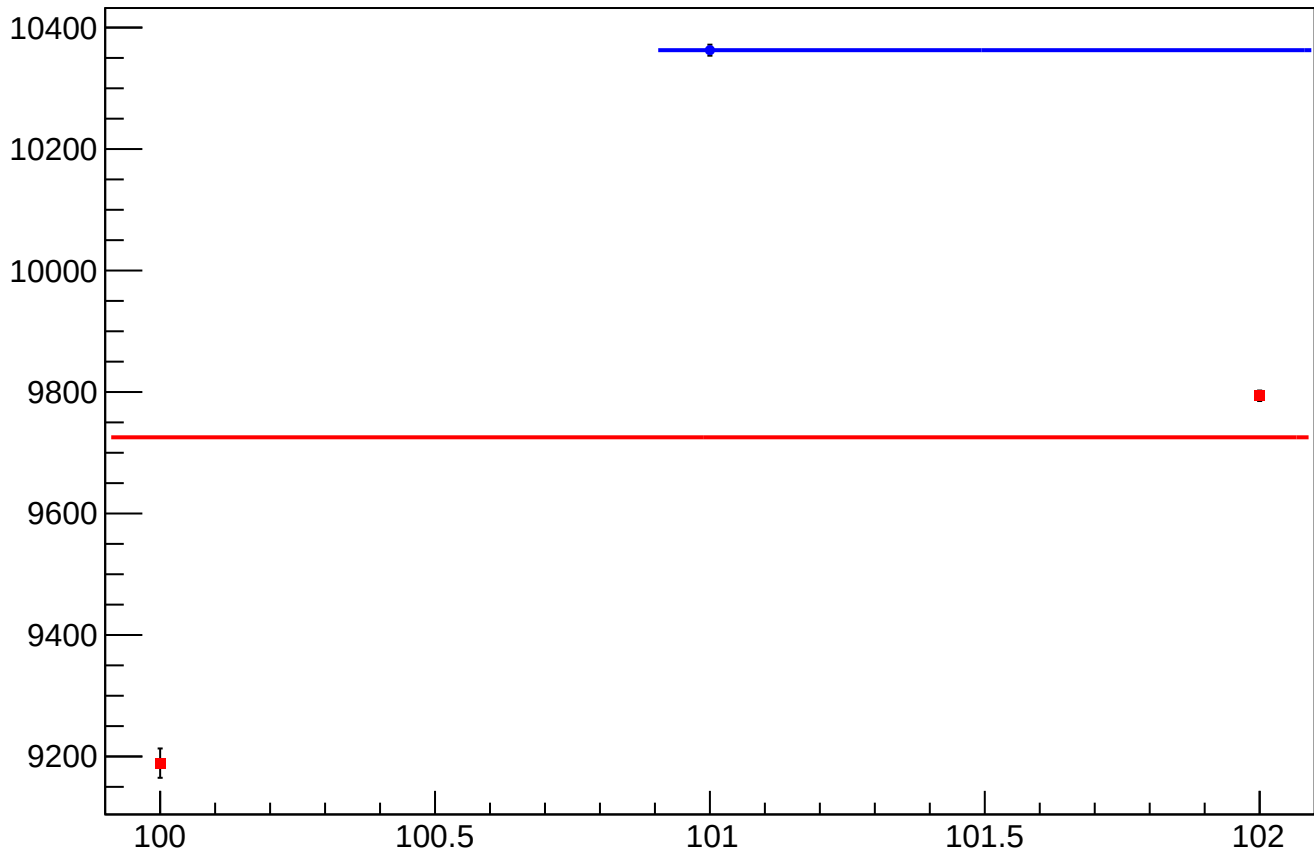
Right: -0.146 ± 8.553 $\chi^2/\text{NDF}: 0.6/2$

In: 4.861 ± 12.823 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.146 ± 8.553 $\chi^2/\text{NDF}: 0.6/2$

diff_bpmtargetsumY_rms vs Slug, Sign Corrected



Right In: 10362.766 $\pm$ 9.067 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9725.453 $\pm$ 8.118 χ^2 /NDF: 556.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

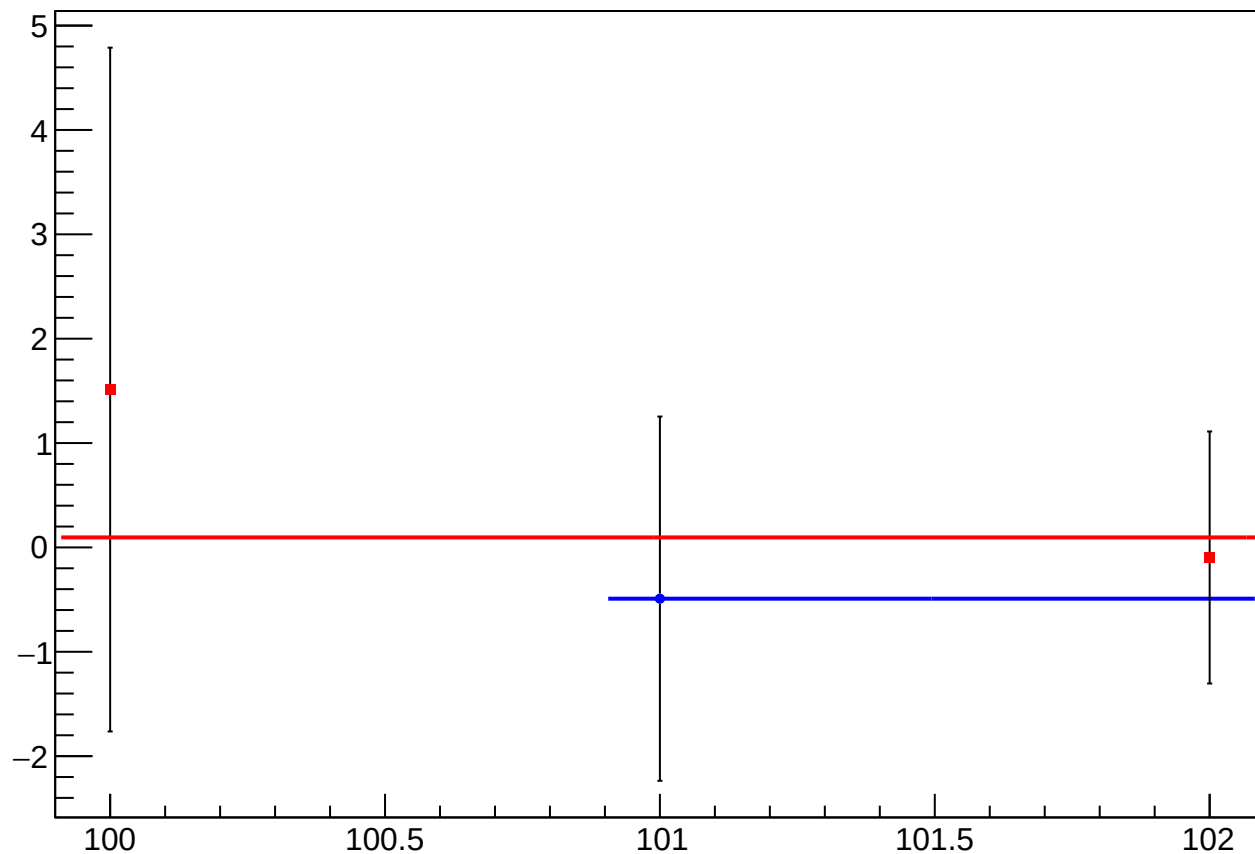
Right: 10009.016 $\pm$ 6.048 χ^2 /NDF: 3298.6/2

In: 10362.766 $\pm$ 9.067 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10009.016 $\pm$ 6.048 χ^2 /NDF: 3298.6/2

diff_bpmtargetdiffY_mean vs Slug, Sign Corrected



Right In: -0.491+/-1.745 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.096+/-1.133 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

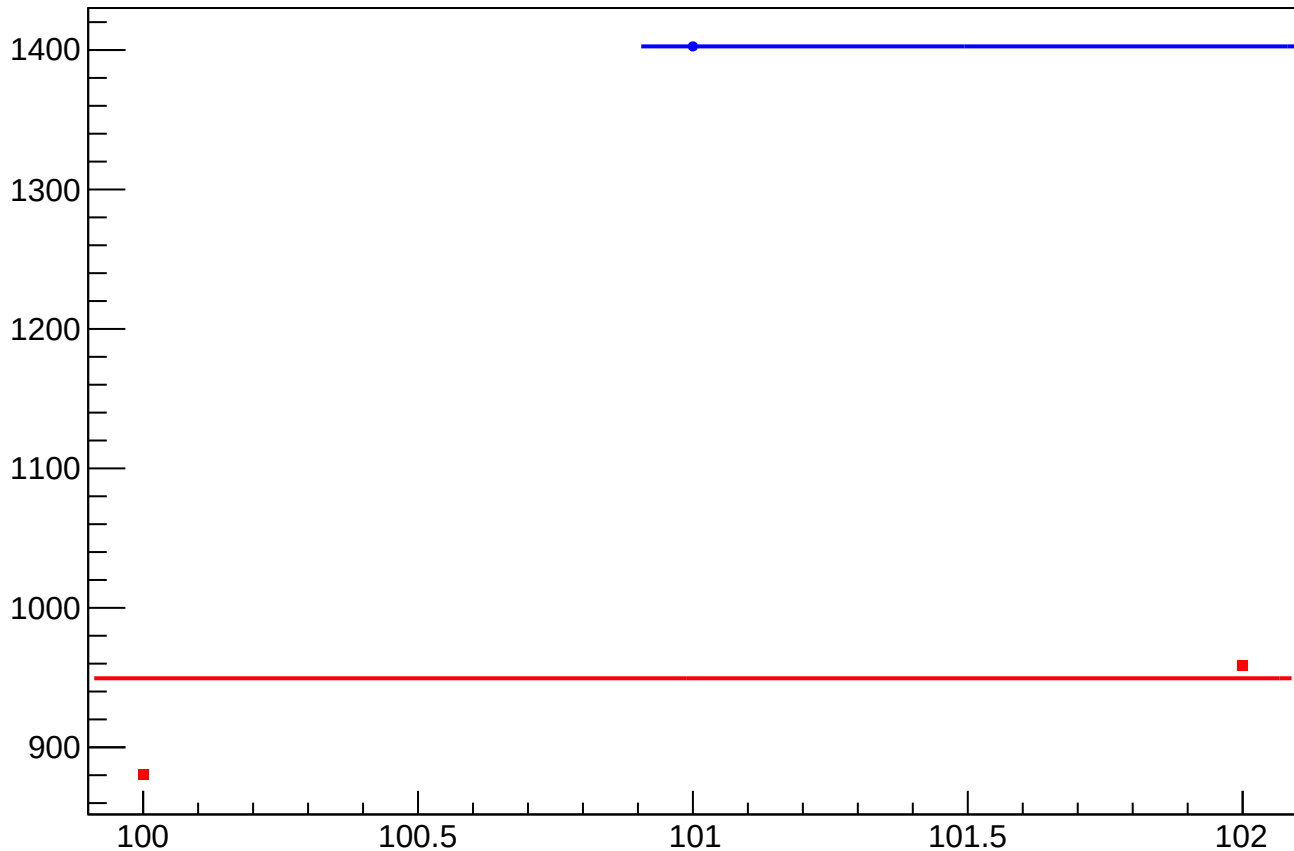
Right: -0.078+/-0.950 χ^2/NDF : 0.3/2

In: -0.491+/-1.745 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.078+/-0.950 χ^2/NDF : 0.3/2

diff_bpmtargetdiffY_rms vs Slug, Sign Corrected



Right In: 1402.610 $\pm$ 1.234 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 949.509 $\pm$ 0.801 χ^2 /NDF: 1009.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

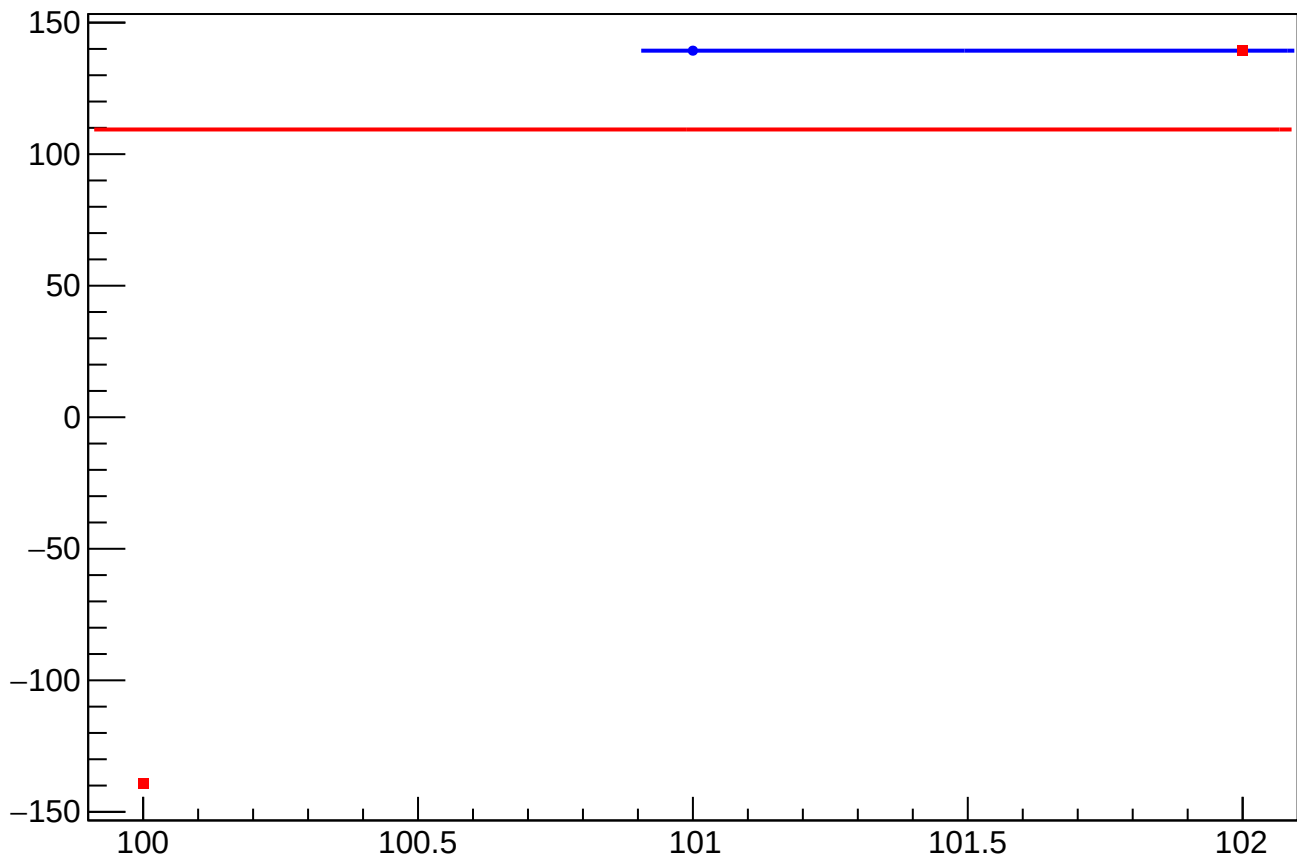
Right: 1083.857 $\pm$ 0.672 χ^2 /NDF: 95874.5/2

In: 1402.610 $\pm$ 1.234 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1083.857 $\pm$ 0.672 χ^2 /NDF: 95874.5/2

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 139.336+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.379+/-0.000 χ^2/NDF : 727278925692138.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

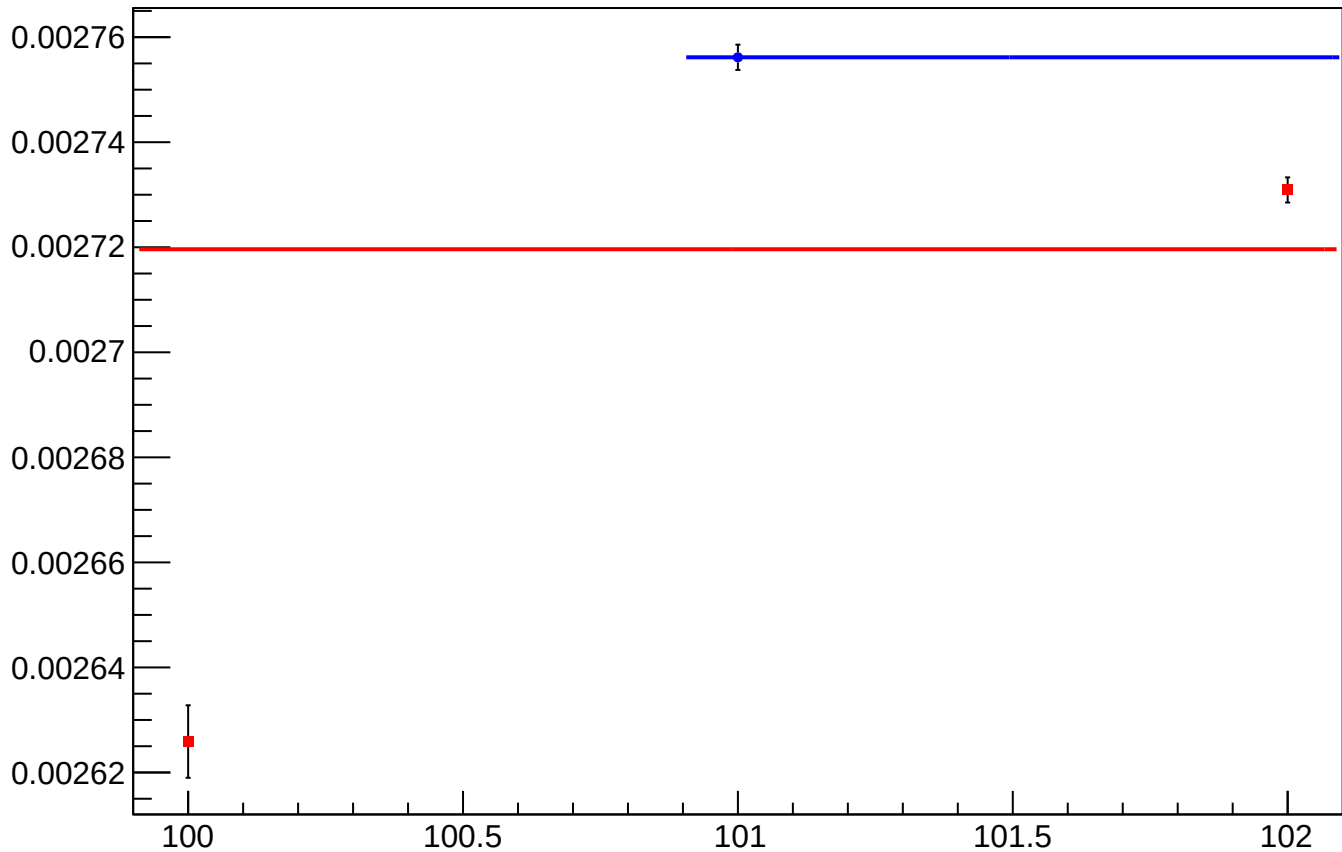
Right: 123.451+/-0.000 χ^2/NDF : 768429610809010

In: 139.336+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.451+/-0.000 χ^2/NDF : 768429610809

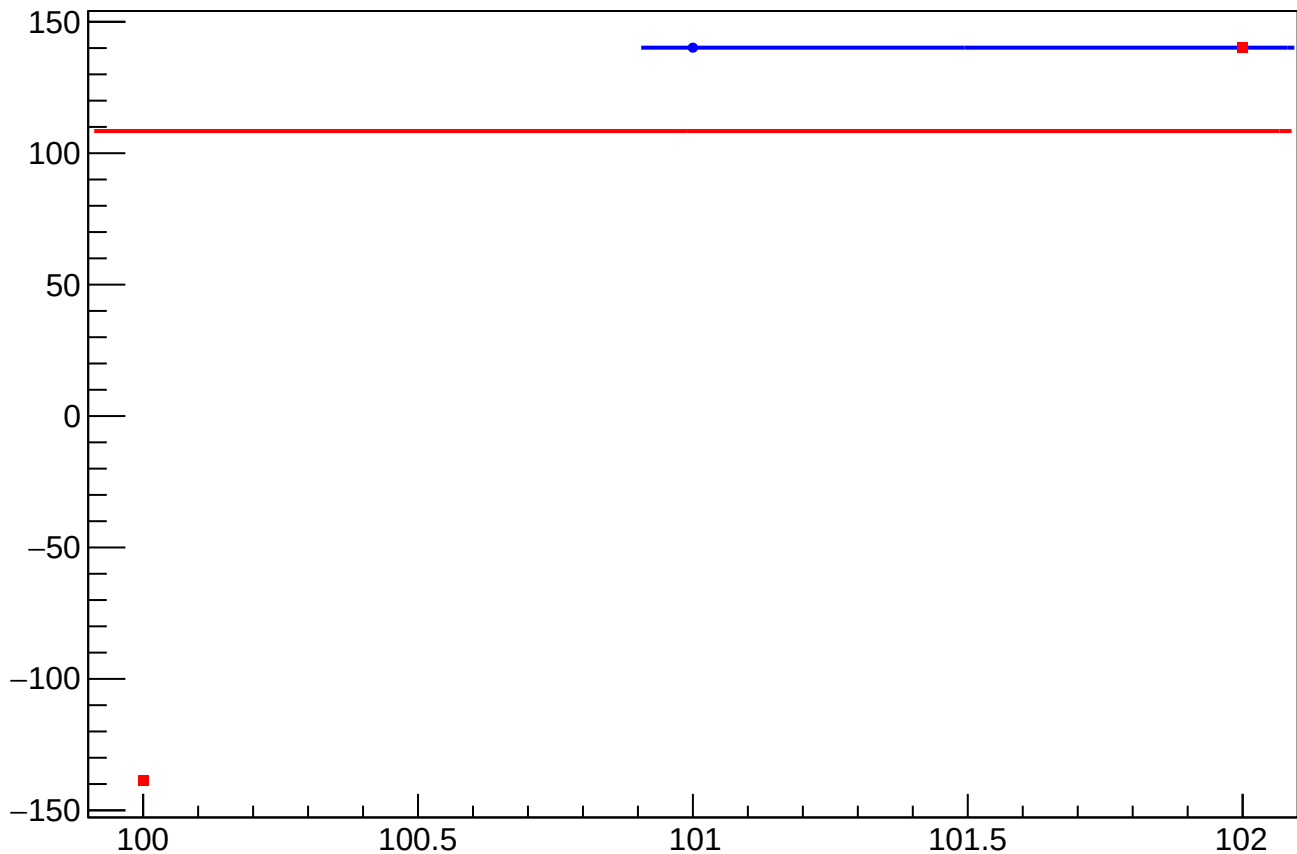
yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.003+/-0.000 χ^2/NDF : 206.6/1
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.003+/-0.000 χ^2/NDF : 329.1/2
In: 0.003+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.003+/-0.000 χ^2/NDF : 329.1/2

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 140.154+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.430+/-0.000 χ^2/NDF : 758220624895926.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

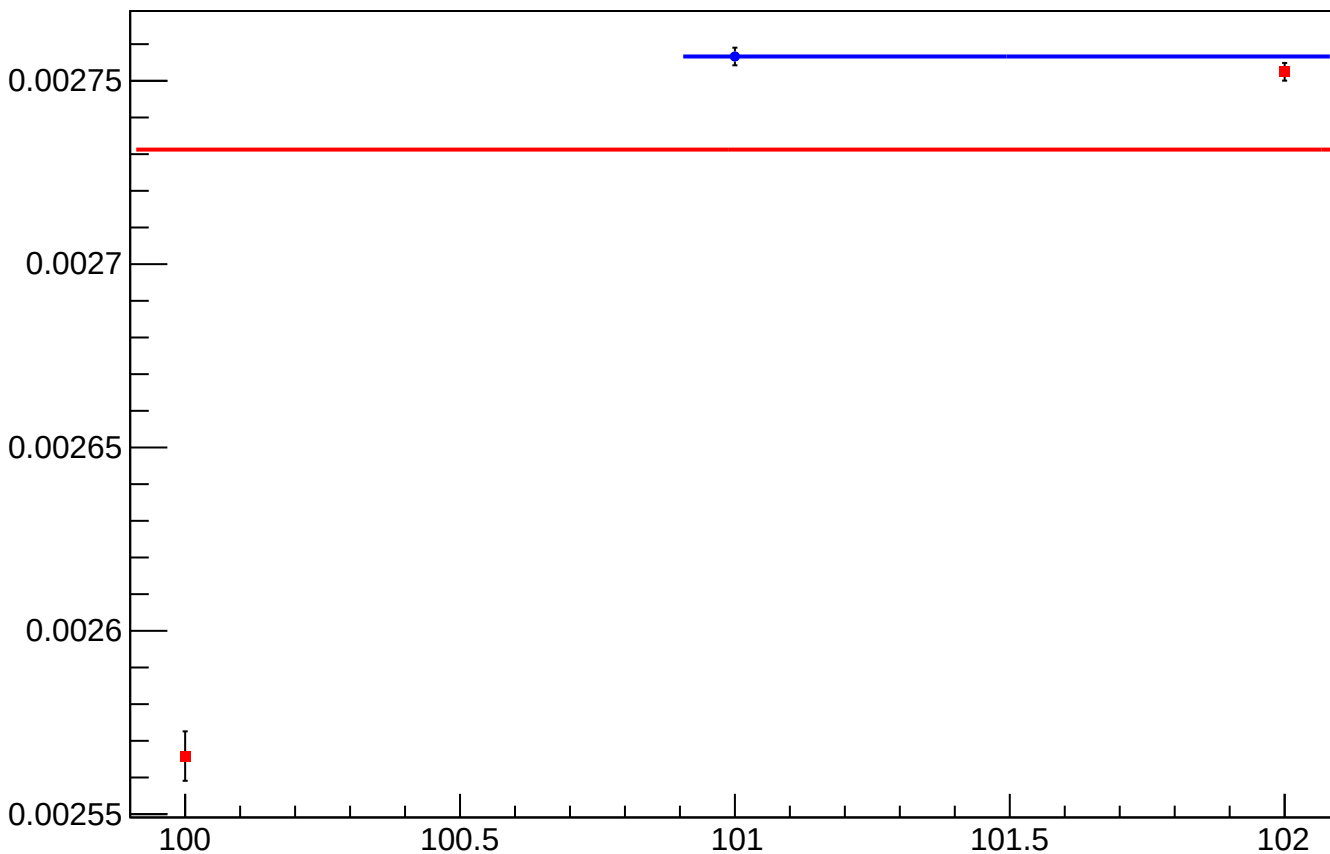
Right: 123.403+/-0.000 χ^2/NDF : 804164957220167

In: 140.154+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.403+/-0.000 χ^2/NDF : 804164957220

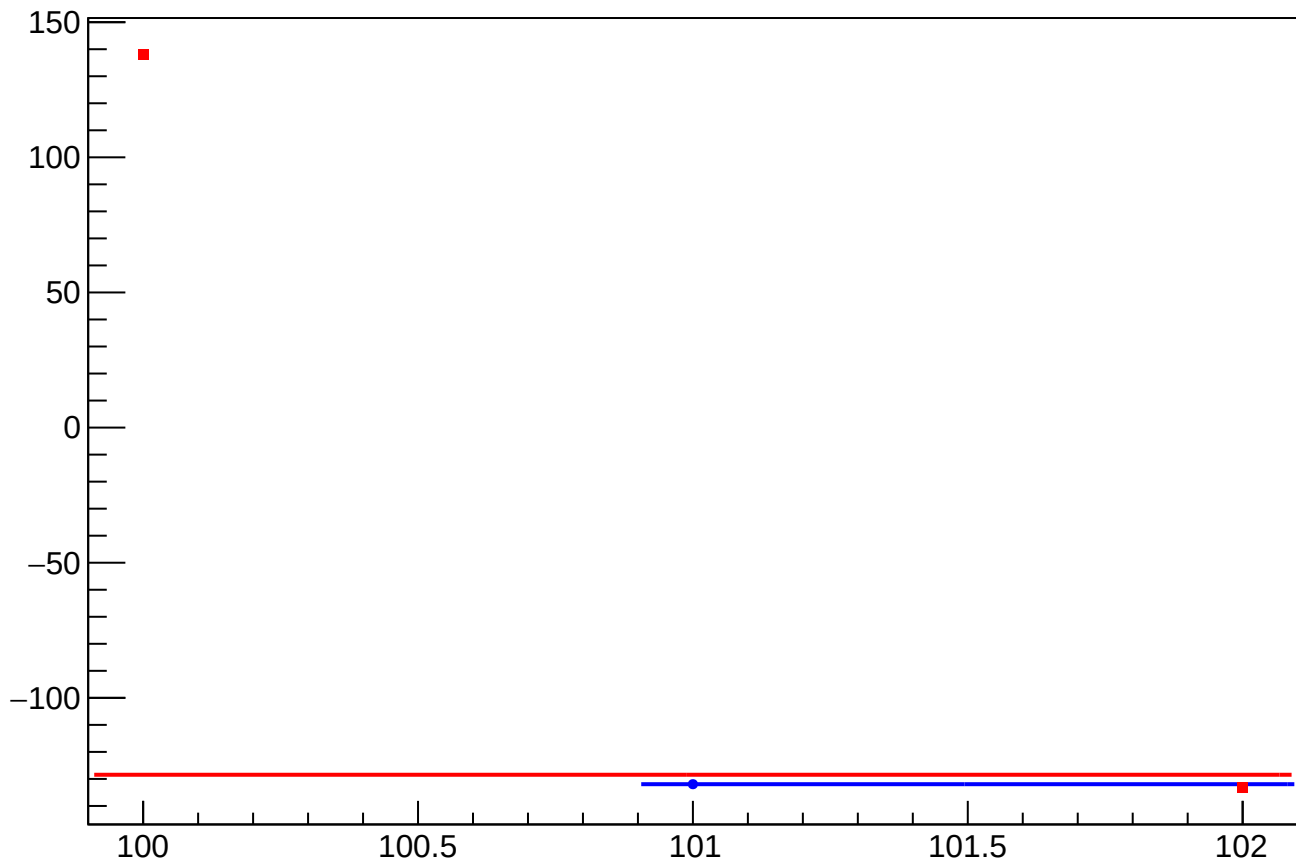
yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.003+/-0.000 χ^2/NDF : 678.9/1
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.003+/-0.000 χ^2/NDF : 737.8/2
In: 0.003+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.003+/-0.000 χ^2/NDF : 737.8/2

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -131.946 $\pm$ 0.002 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -128.455 $\pm$ 0.003 χ^2 /NDF: 181576223.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

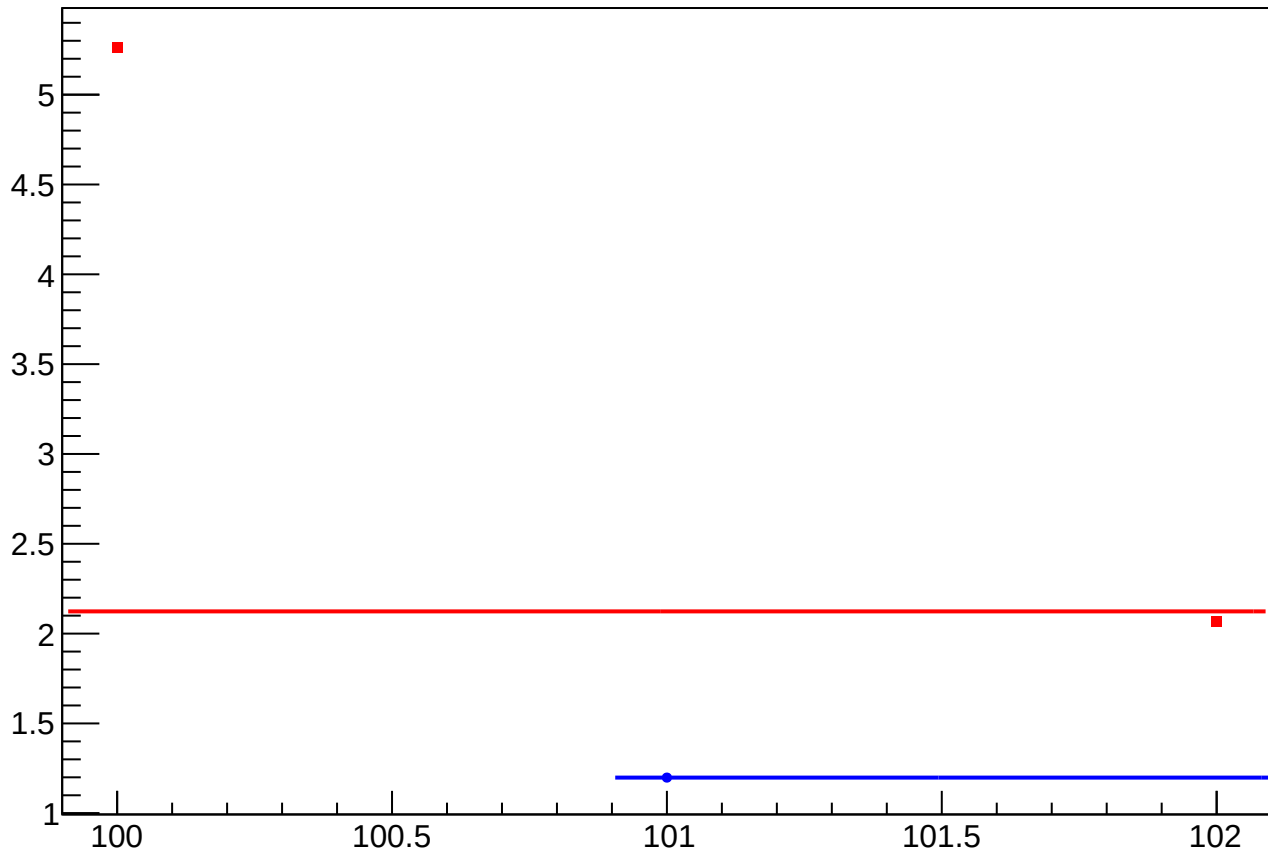
Right: -131.026 $\pm$ 0.001 χ^2 /NDF: 182844947.8/2

In: -131.946 $\pm$ 0.002 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -131.026 $\pm$ 0.001 χ^2 /NDF: 182844947.8/2

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 1.198 $\pm$ 0.001 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.124 $\pm$ 0.002 χ^2 /NDF: 50463.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

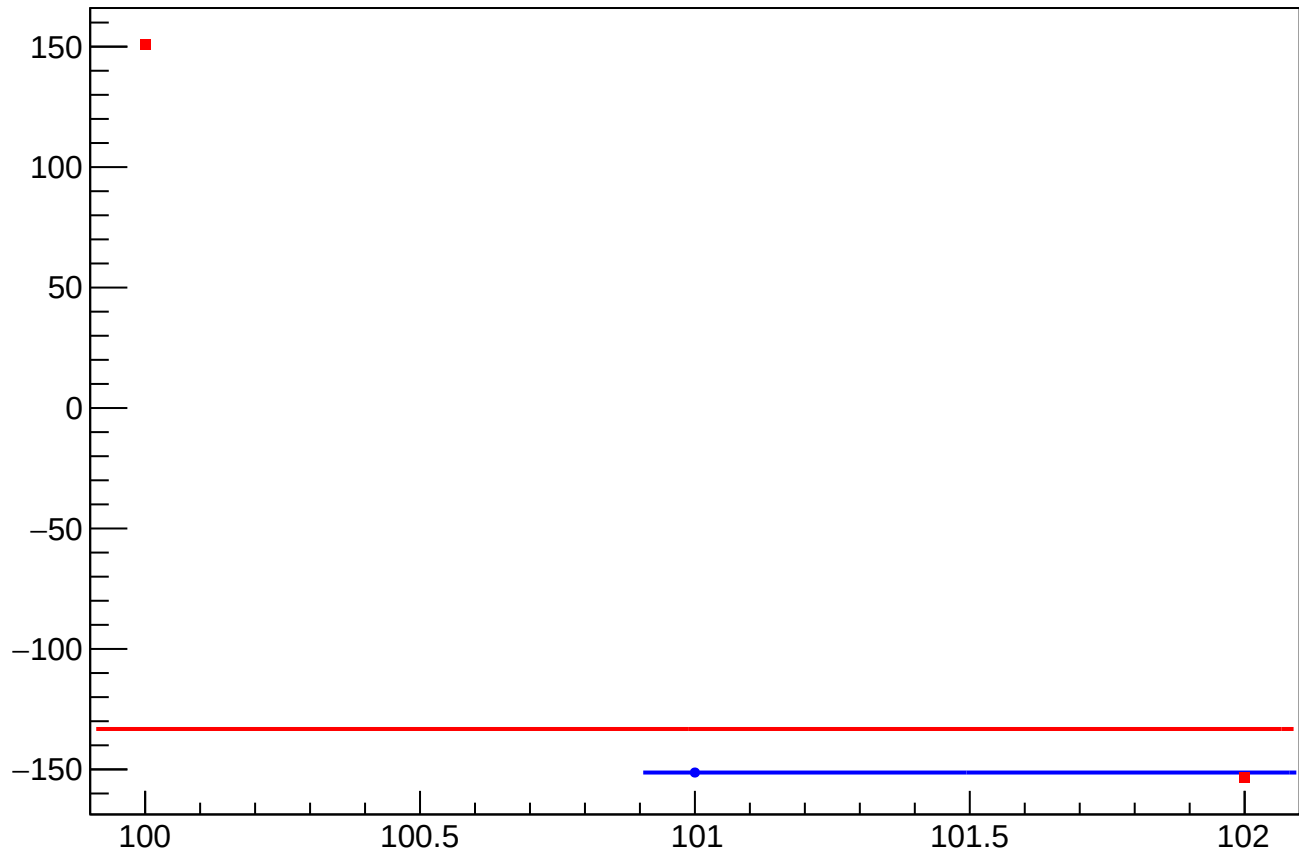
Right: 1.442 $\pm$ 0.001 χ^2 /NDF: 228680.1/2

In: 1.198 $\pm$ 0.001 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.442 $\pm$ 0.001 χ^2 /NDF: 228680.1/2

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -151.302 $\pm$ 0.003 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -133.224 $\pm$ 0.005 χ^2 /NDF: 205914775.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

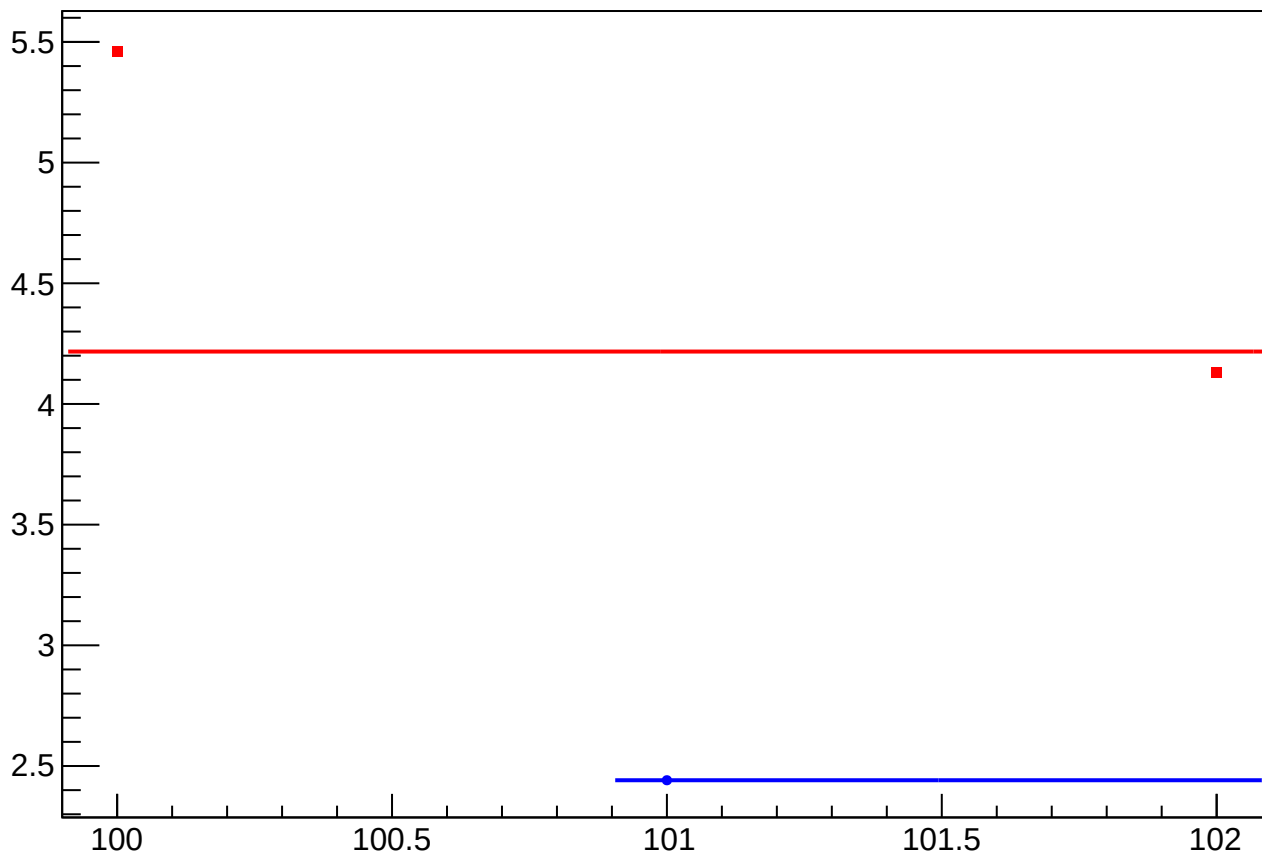
Right: -146.363 $\pm$ 0.003 χ^2 /NDF: 214416369.5/2

In: -151.302 $\pm$ 0.003 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -146.363 $\pm$ 0.003 χ^2 /NDF: 214416369.5/3

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 2.441 $\pm$ 0.002 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.217 $\pm$ 0.004 χ^2 /NDF: 7907.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

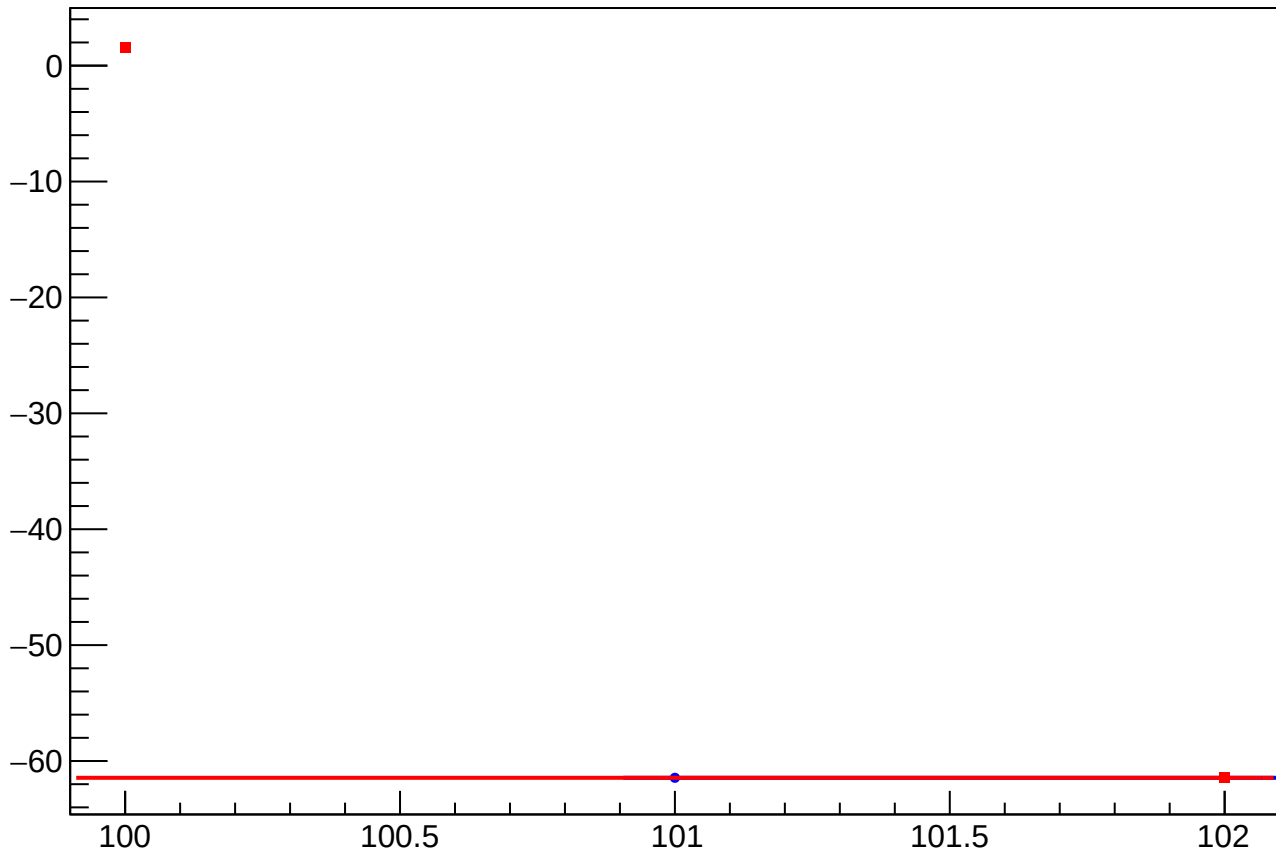
Right: 2.926 $\pm$ 0.002 χ^2 /NDF: 172034.2/2

In: 2.441 $\pm$ 0.002 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.926 $\pm$ 0.002 χ^2 /NDF: 172034.2/2

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -61.449+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -61.448+/-0.000 χ^2/NDF : 69945.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

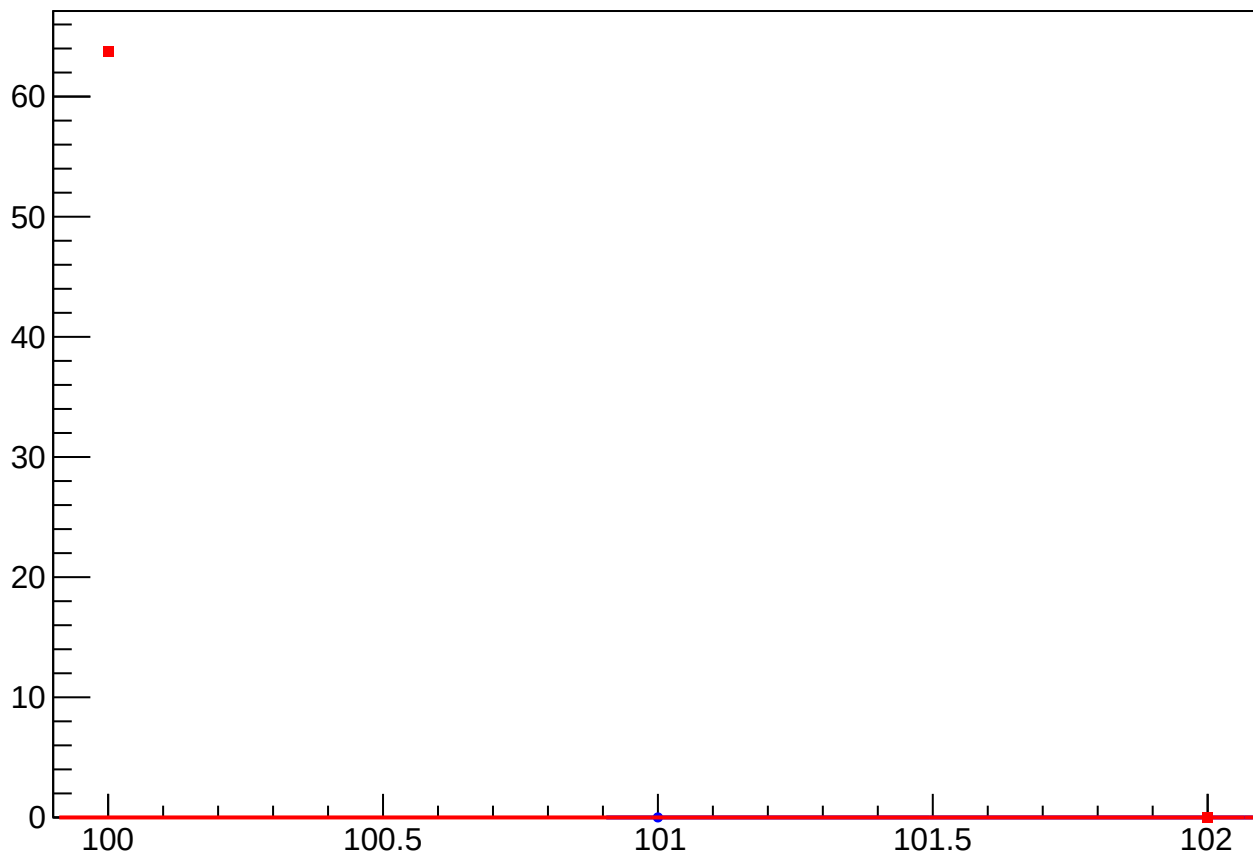
Right: -61.449+/-0.000 χ^2/NDF : 76460.4/2

In: -61.449+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -61.449+/-0.000 χ^2/NDF : 76460.4/2

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 143170.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

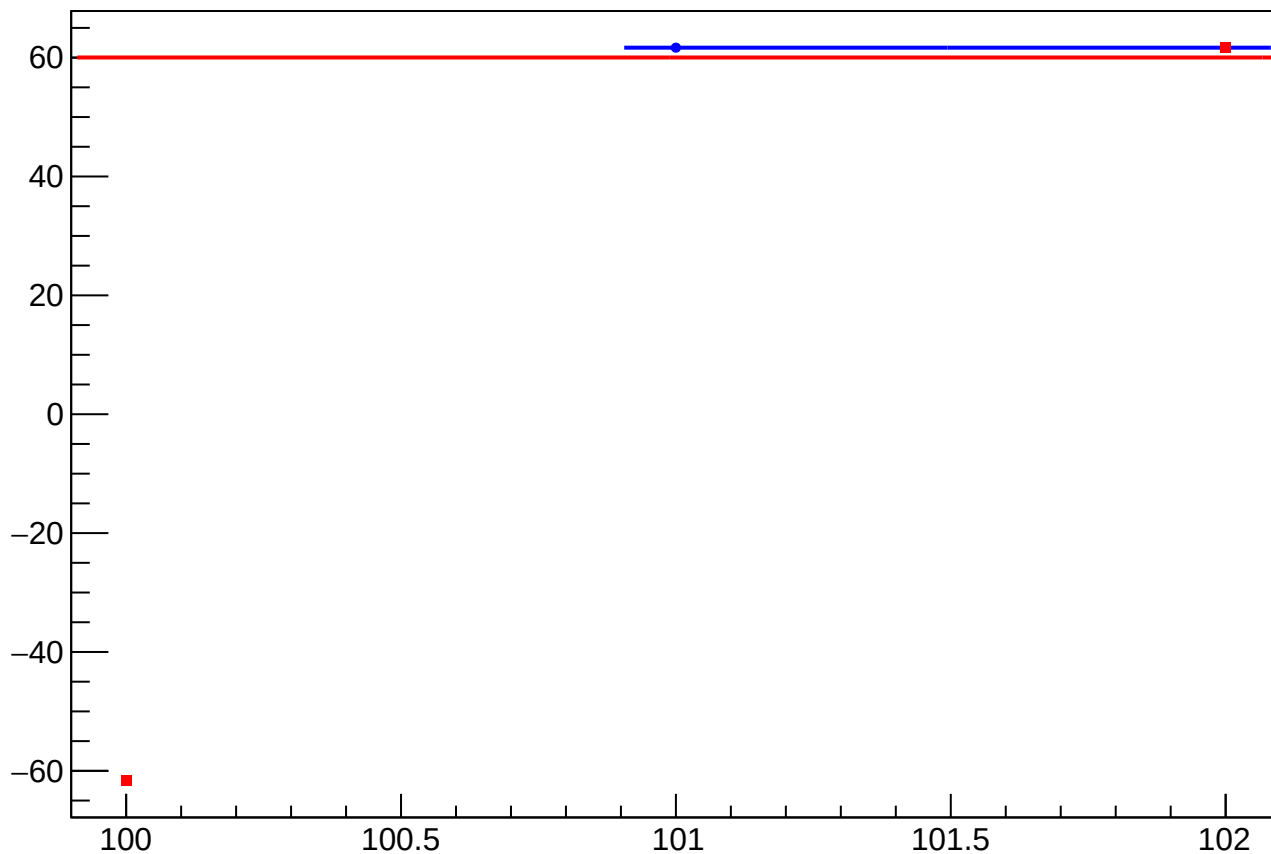
Right: 0.001+/-0.000 χ^2/NDF : 143184.5/2

In: 0.001+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 143184.5/2

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 61.674+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.023+/-0.000 χ^2/NDF : 57970861228257.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

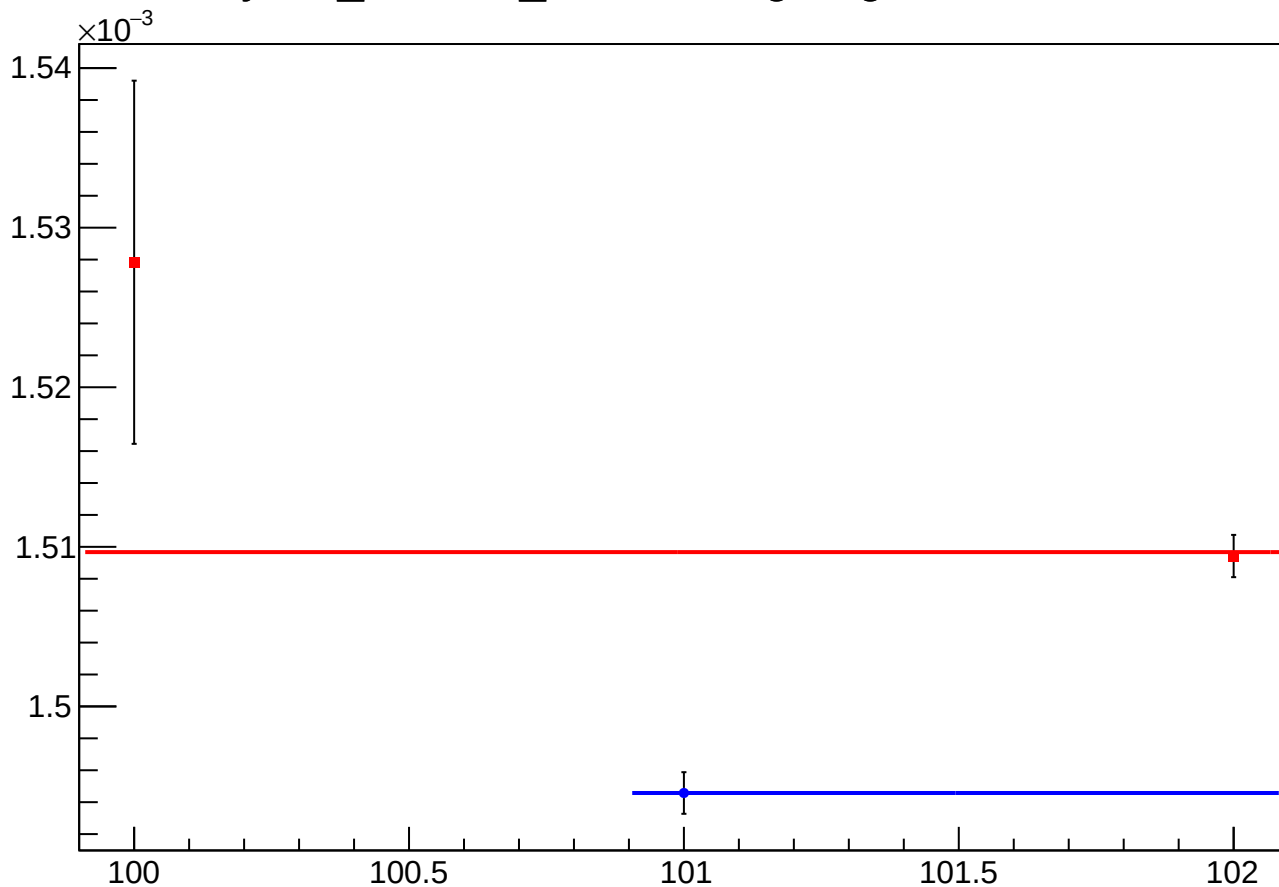
Right: 60.856+/-0.000 χ^2/NDF : 58367653265159.6/1

In: 61.674+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.856+/-0.000 χ^2/NDF : 58367653265159.6/1

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 2.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

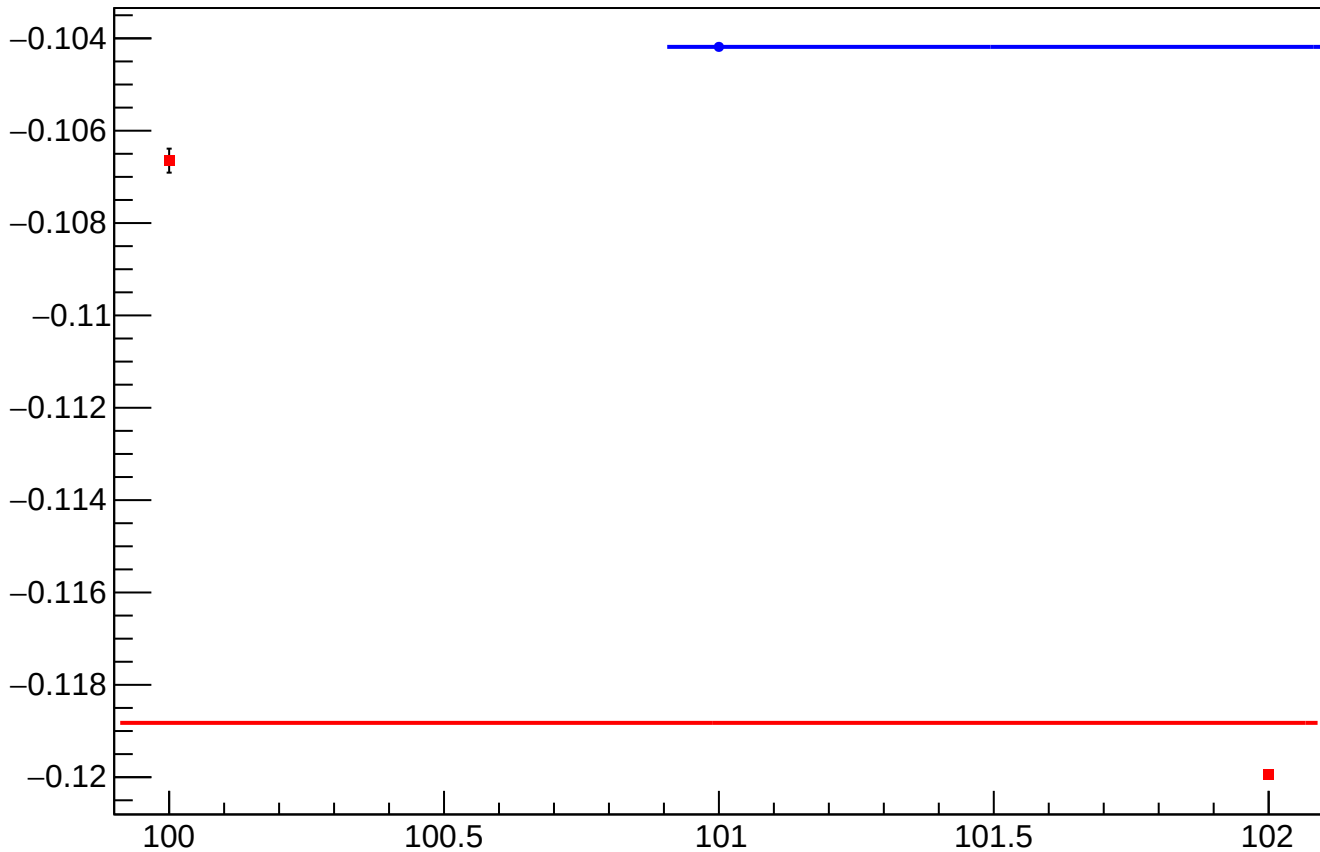
Right: 0.002 $\pm$ 0.000 χ^2 /NDF: 69.0/2

In: 0.001 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 69.0/2

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.104+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.119+/-0.000 χ^2/NDF : 2396.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

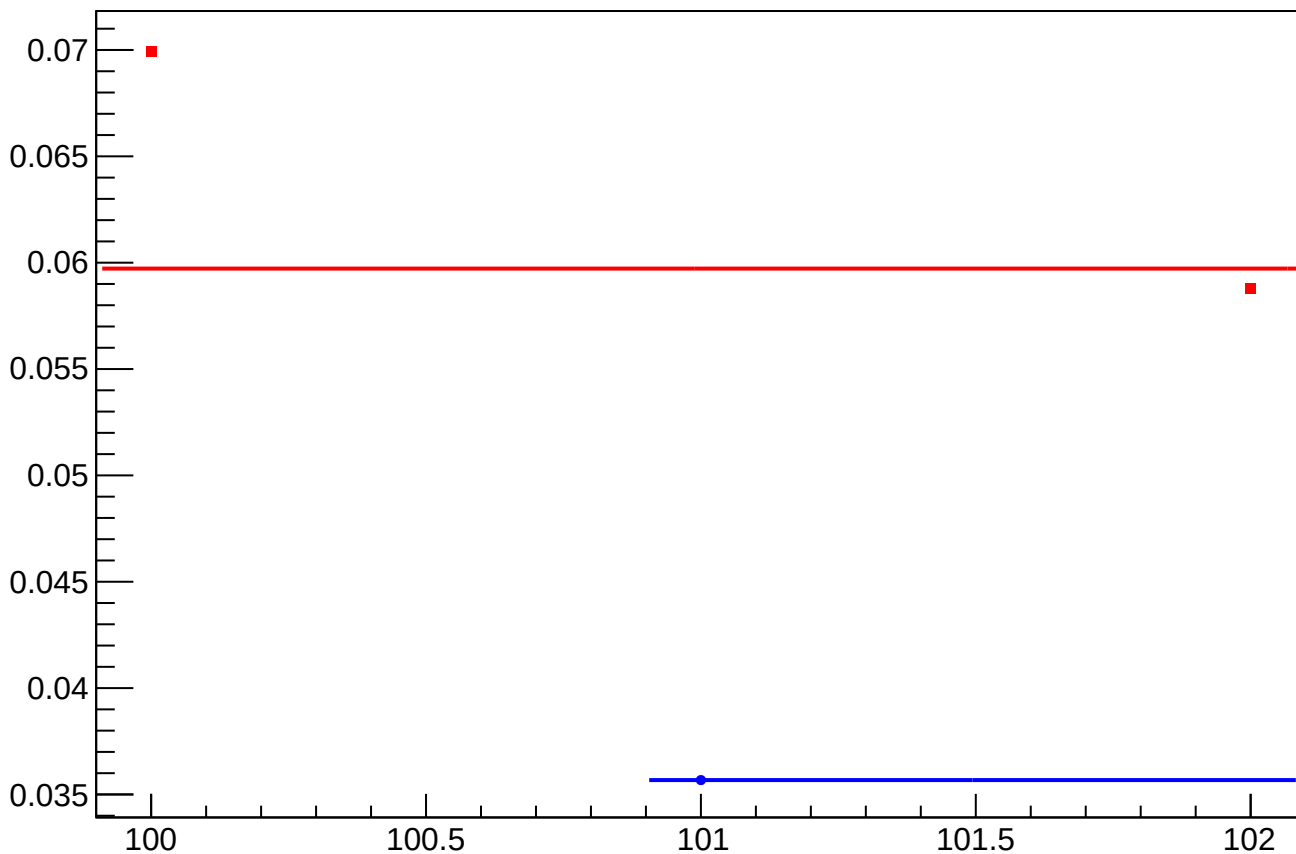
Right: -0.108+/-0.000 χ^2/NDF : 29448.7/2

In: -0.104+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.108+/-0.000 χ^2/NDF : 29448.7/2

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.036+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.060+/-0.000 χ^2/NDF : 3365.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

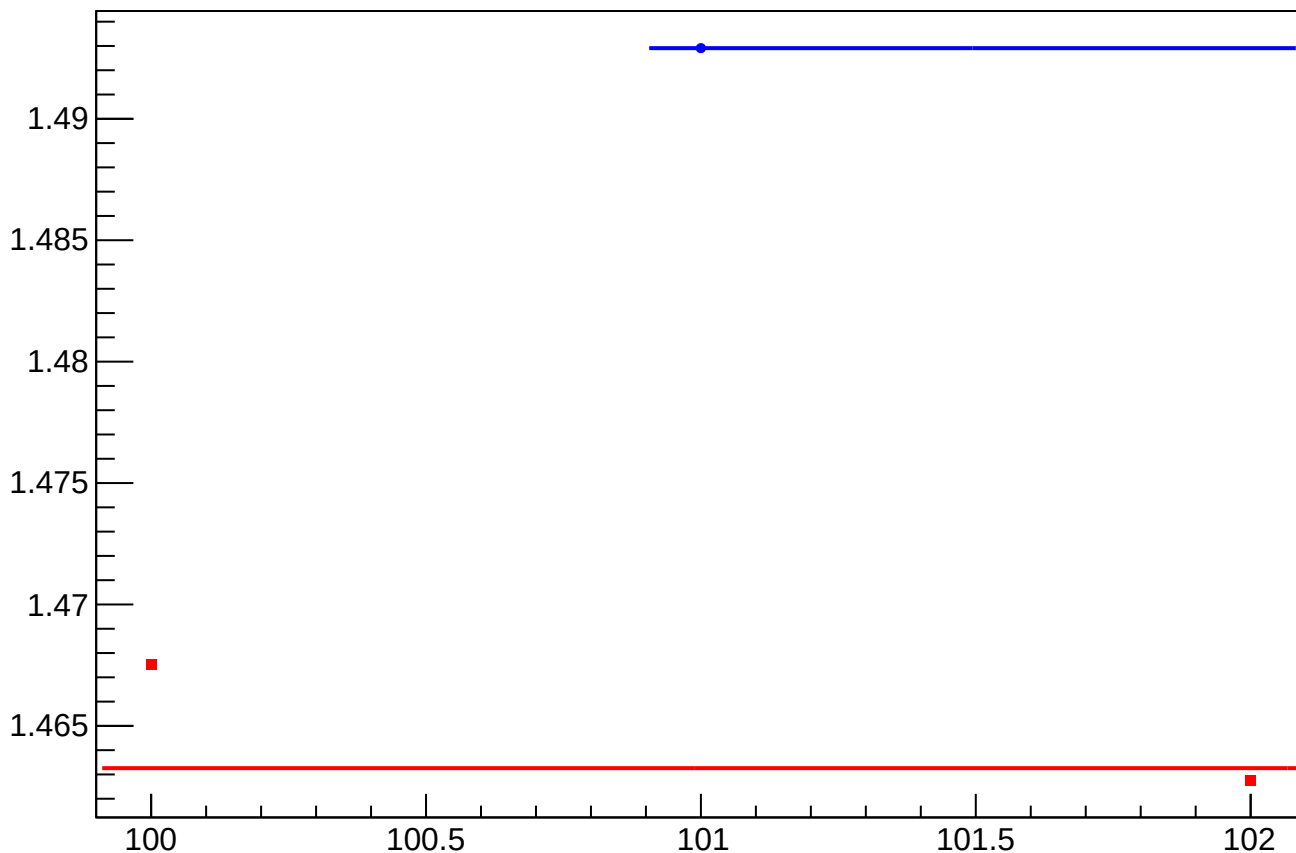
Right: 0.043+/-0.000 χ^2/NDF : 149368.5/2

In: 0.036+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.043+/-0.000 χ^2/NDF : 149368.5/2

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 1.493+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.463+/-0.000 χ^2/NDF : 3967.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

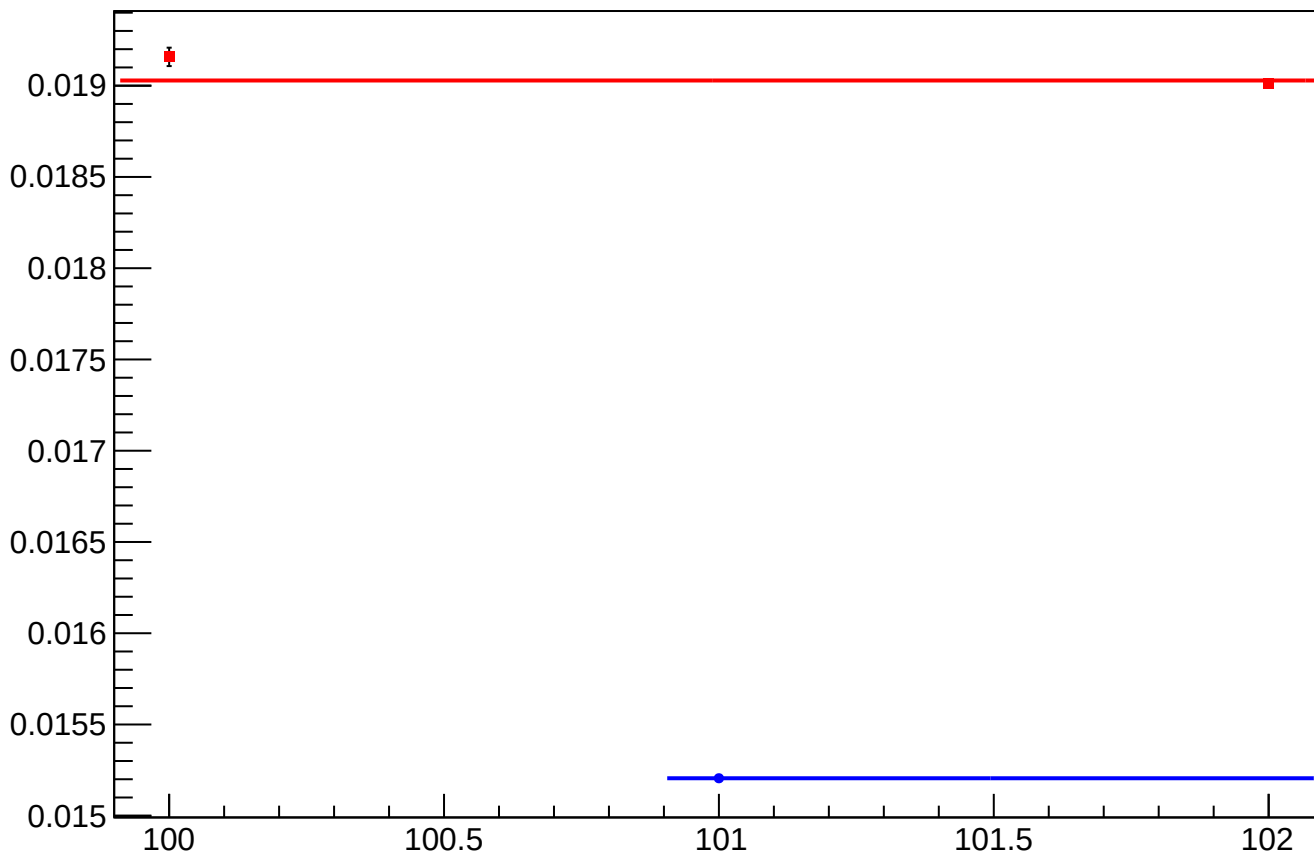
Right: 1.480+/-0.000 χ^2/NDF : 959093.2/2

In: 1.493+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.480+/-0.000 χ^2/NDF : 959093.2/2

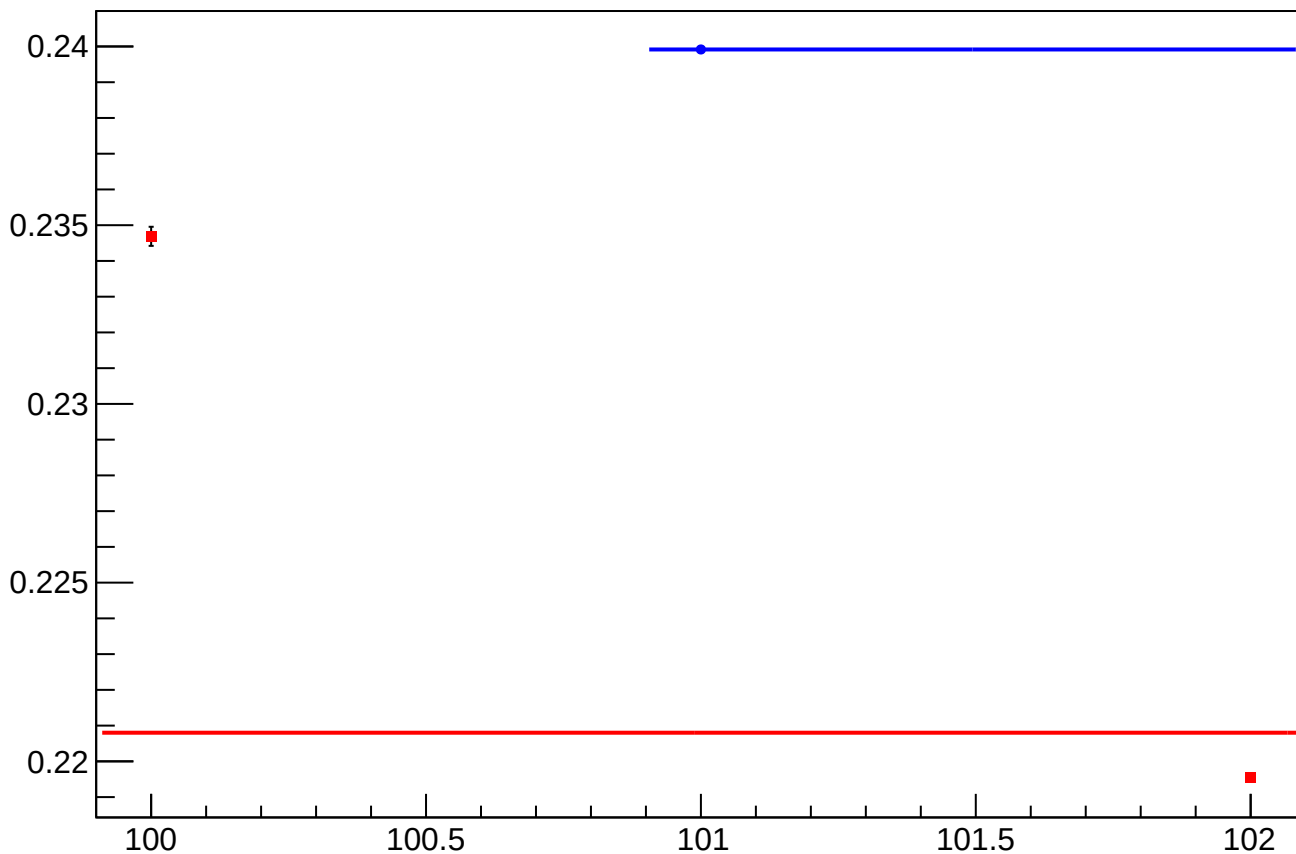
yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.019+/-0.000 χ^2/NDF : 7.4/1
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.017+/-0.000 χ^2/NDF : 31765.4/2
In: 0.015+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.017+/-0.000 χ^2/NDF : 31765.4/2

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: 0.240+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.221+/-0.000 χ^2/NDF : 2952.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

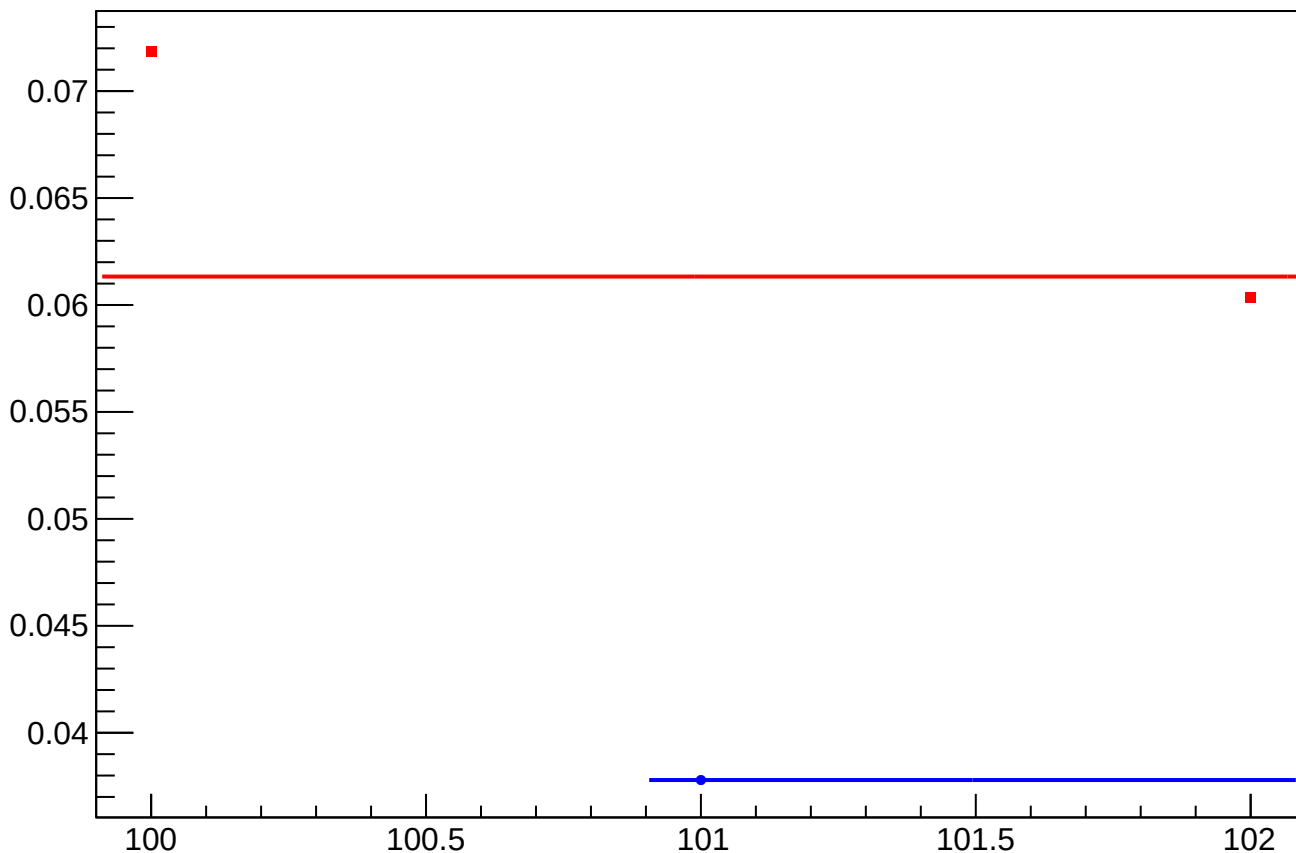
Right: 0.234+/-0.000 χ^2/NDF : 46001.1/2

In: 0.240+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.234+/-0.000 χ^2/NDF : 46001.1/2

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.038+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.061+/-0.000 χ^2/NDF : 3383.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

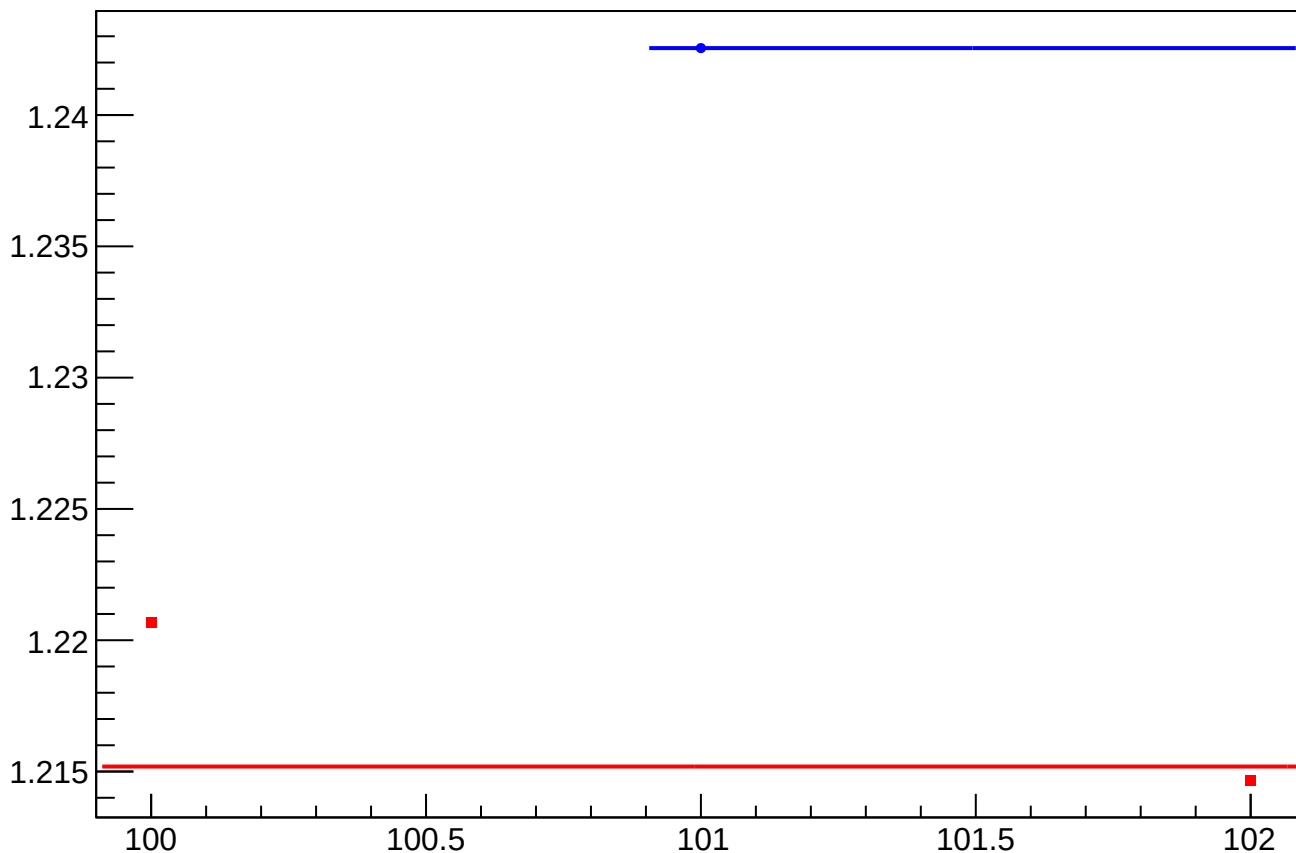
Right: 0.045+/-0.000 χ^2/NDF : 133946.4/2

In: 0.038+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.045+/-0.000 χ^2/NDF : 133946.4/2

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 1.243+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.215+/-0.000 χ^2/NDF : 7233.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

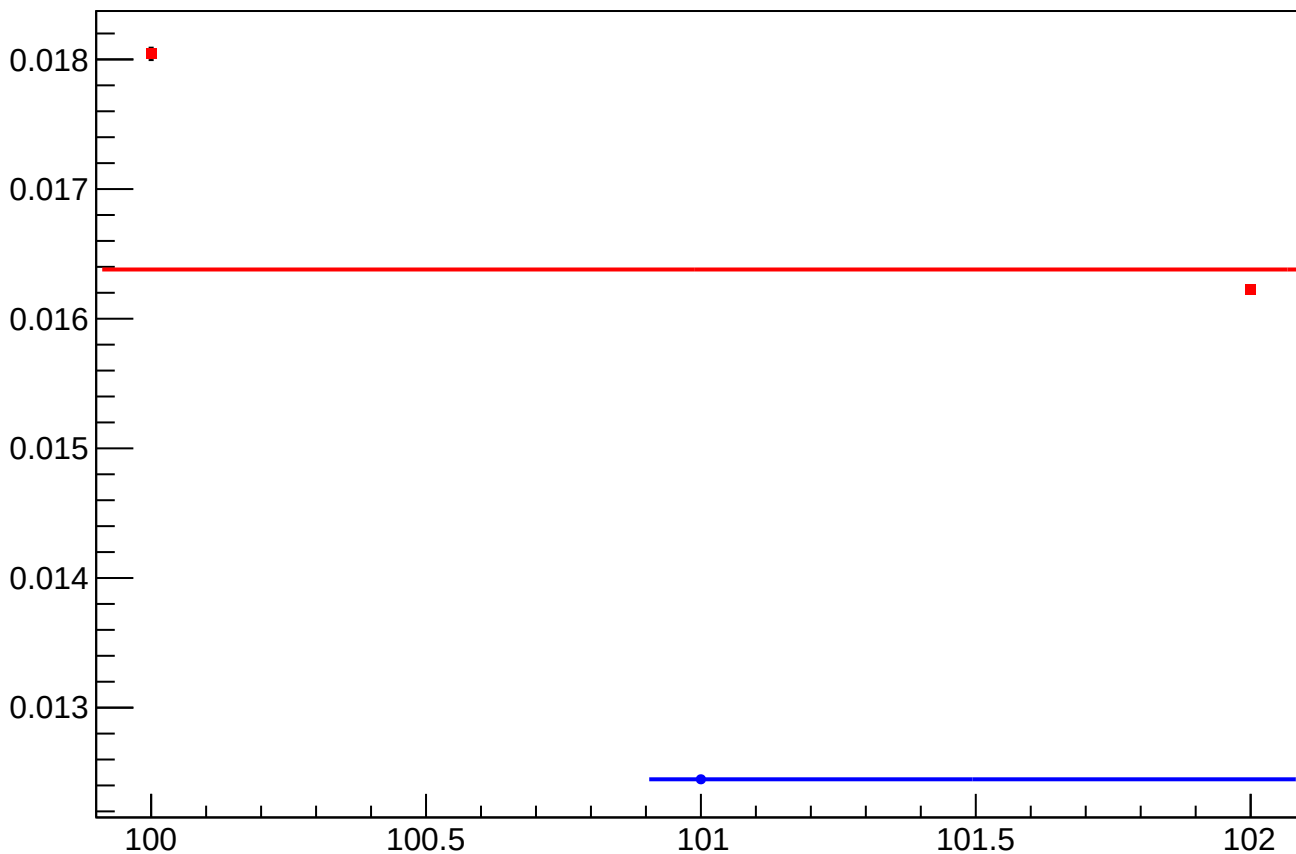
Right: 1.232+/-0.000 χ^2/NDF : 1133542.0/2

In: 1.243+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.232+/-0.000 χ^2/NDF : 1133542.0/2

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 1323.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

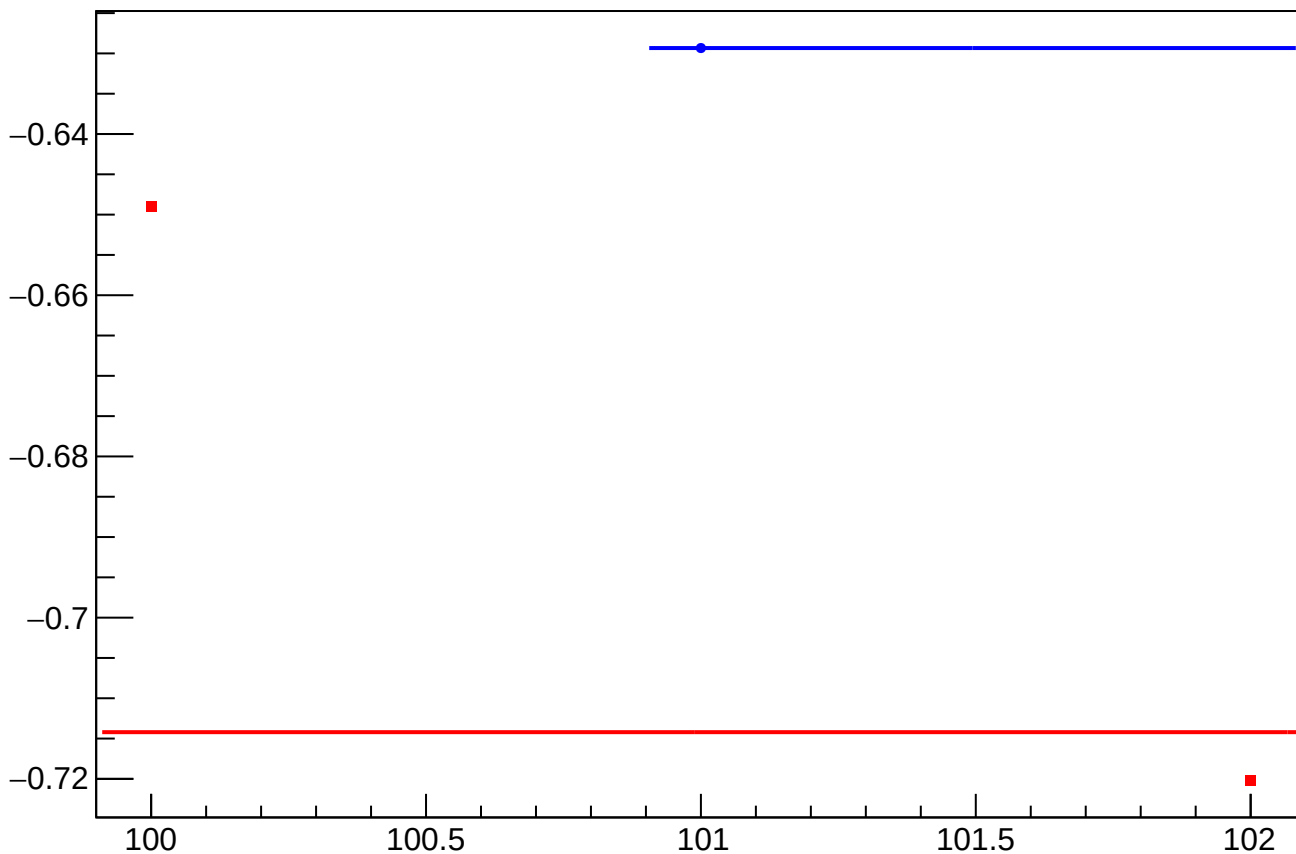
Right: 0.014+/-0.000 χ^2/NDF : 47853.6/2

In: 0.012+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 47853.6/2

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -0.629 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.714 $\pm$ 0.000 χ^2 /NDF: 71280.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

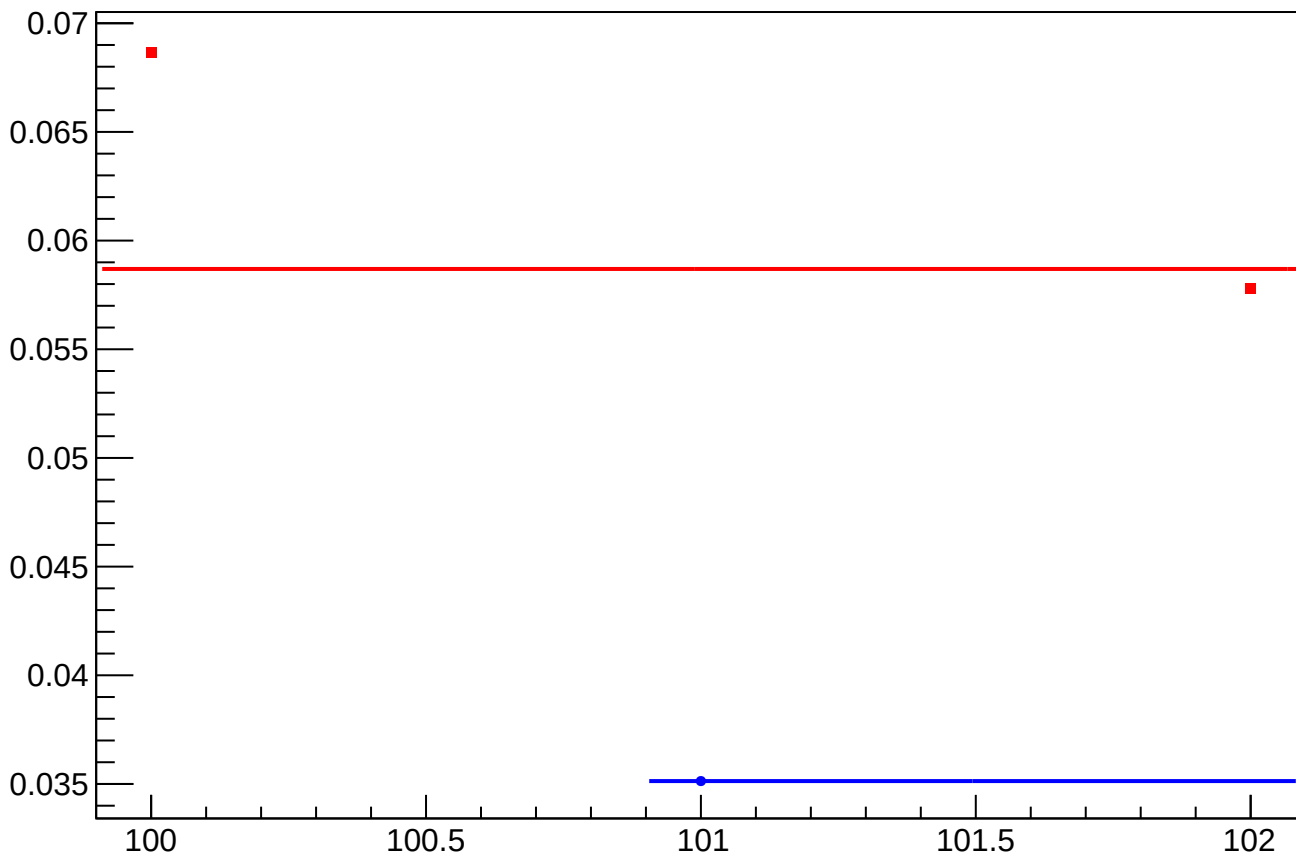
Right: -0.654 $\pm$ 0.000 χ^2 /NDF: 1011528.4/2

In: -0.629 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.654 $\pm$ 0.000 χ^2 /NDF: 1011528.4/2

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.035+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.059+/-0.000 χ^2/NDF : 3324.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

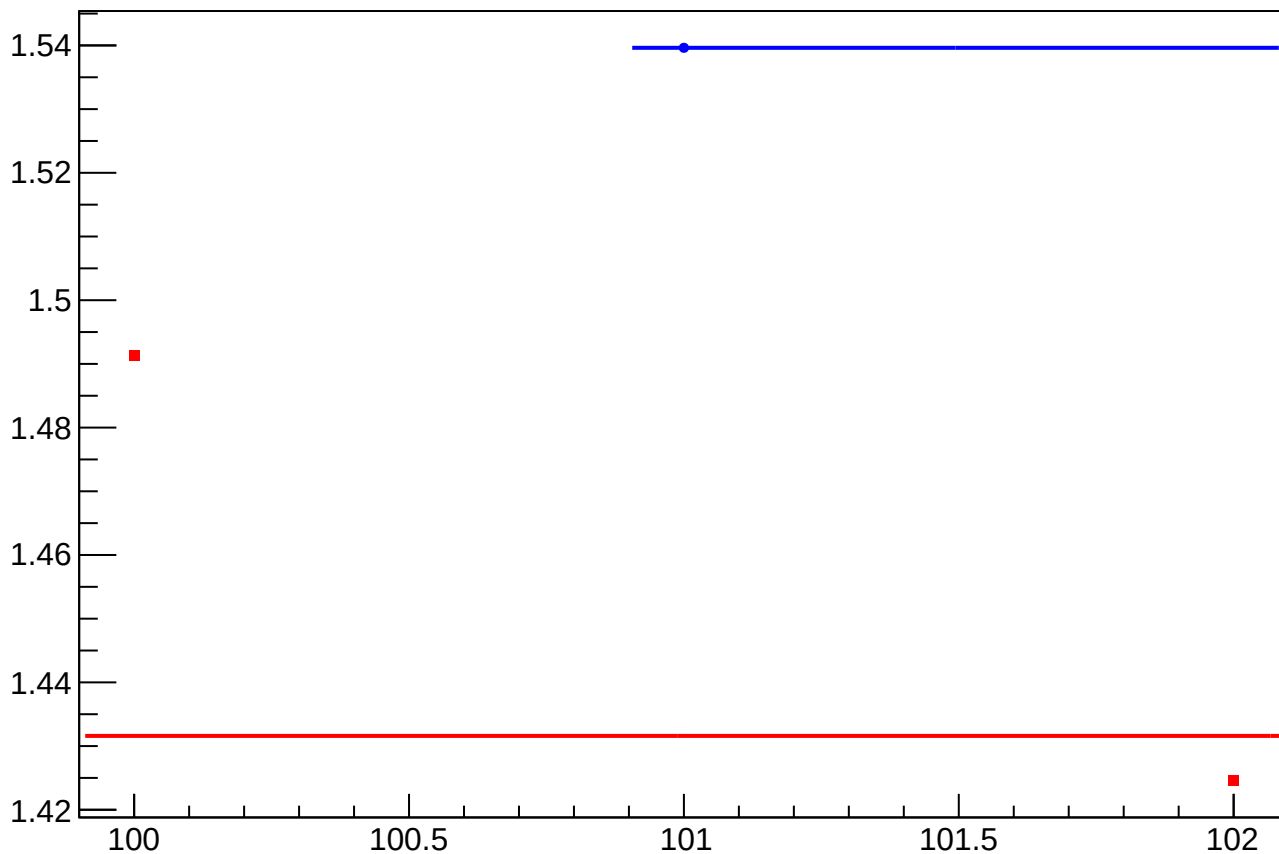
Right: 0.042+/-0.000 χ^2/NDF : 148257.3/2

In: 0.035+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.042+/-0.000 χ^2/NDF : 148257.3/2

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 1.540+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.432+/-0.000 χ^2/NDF : 786240.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

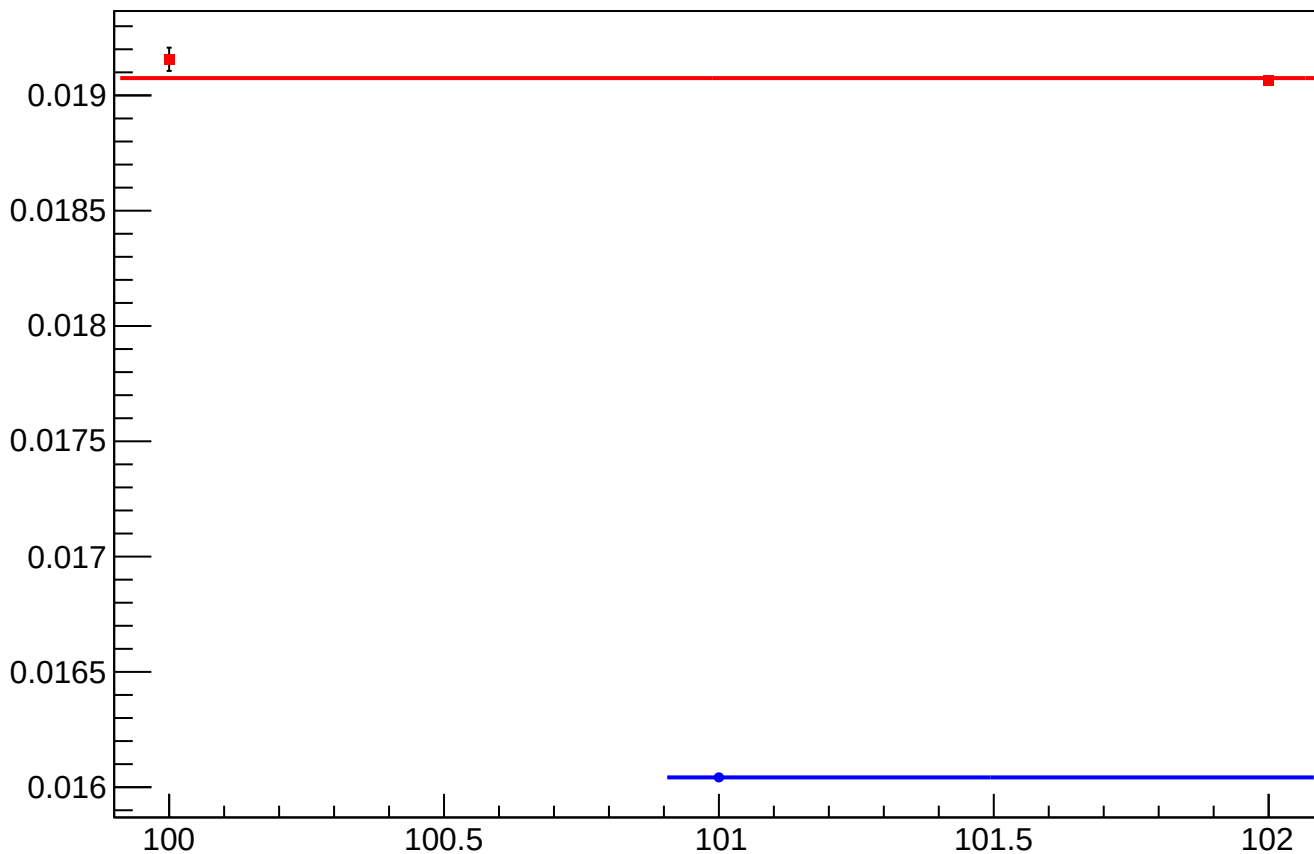
Right: 1.491+/-0.000 χ^2/NDF : 12827145.4/2

In: 1.540+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.491+/-0.000 χ^2/NDF : 12827145.4/2

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.019+/-0.000 χ^2/NDF : 2.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

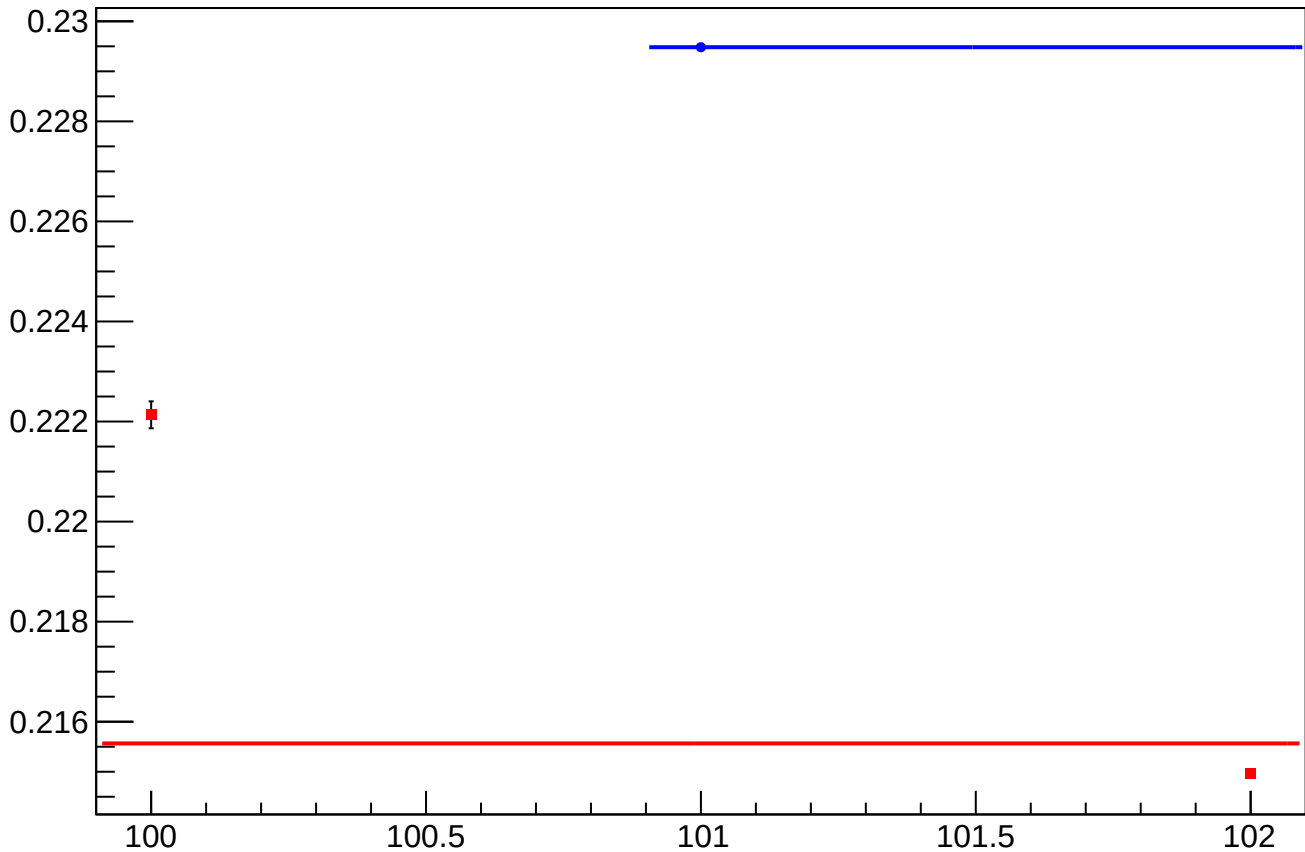
Right: 0.017+/-0.000 χ^2/NDF : 18979.5/2

In: 0.016+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.000 χ^2/NDF : 18979.5/2

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: 0.229+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.216+/-0.000 χ^2/NDF : 650.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

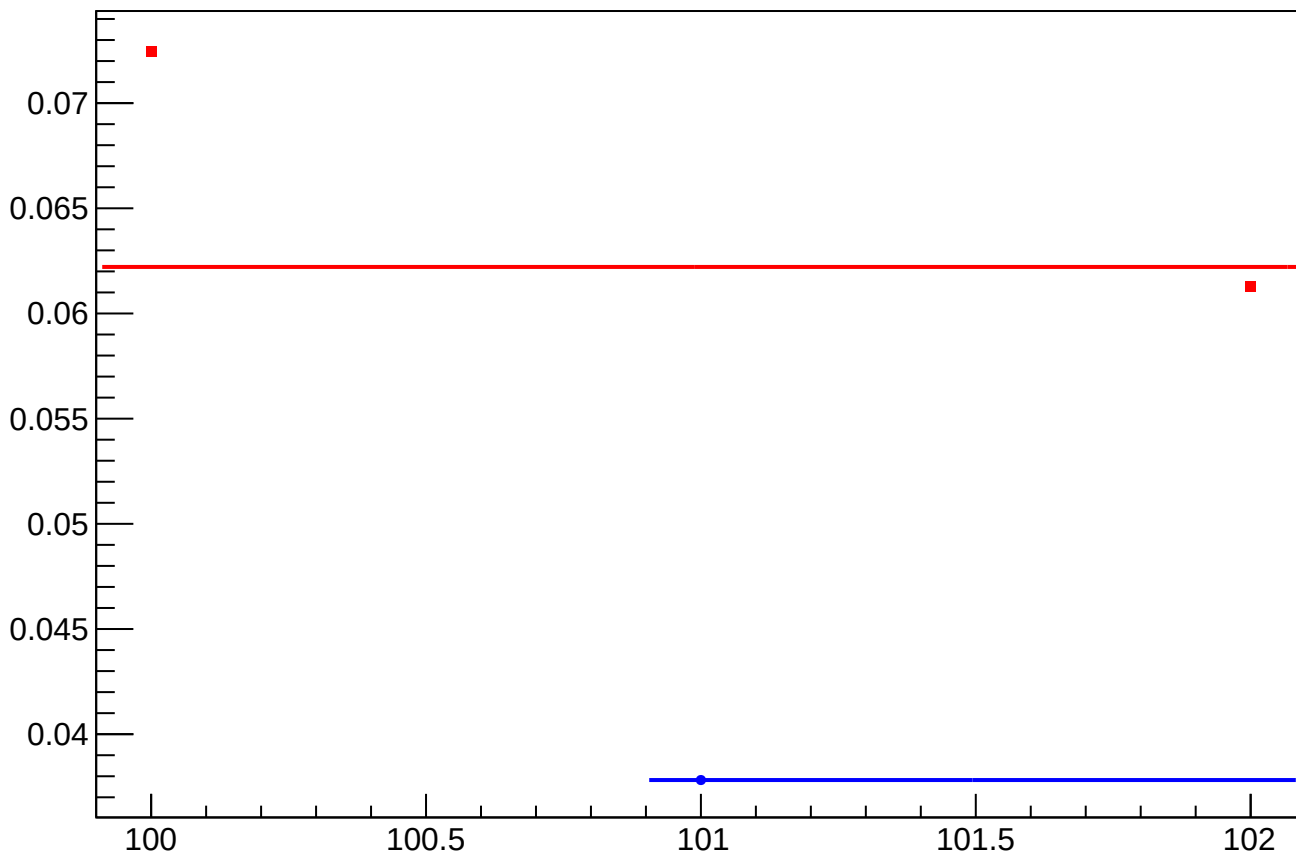
Right: 0.225+/-0.000 χ^2/NDF : 22921.2/2

In: 0.229+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.225+/-0.000 χ^2/NDF : 22921.2/2

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.038+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.062+/-0.000 χ^2/NDF : 3156.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

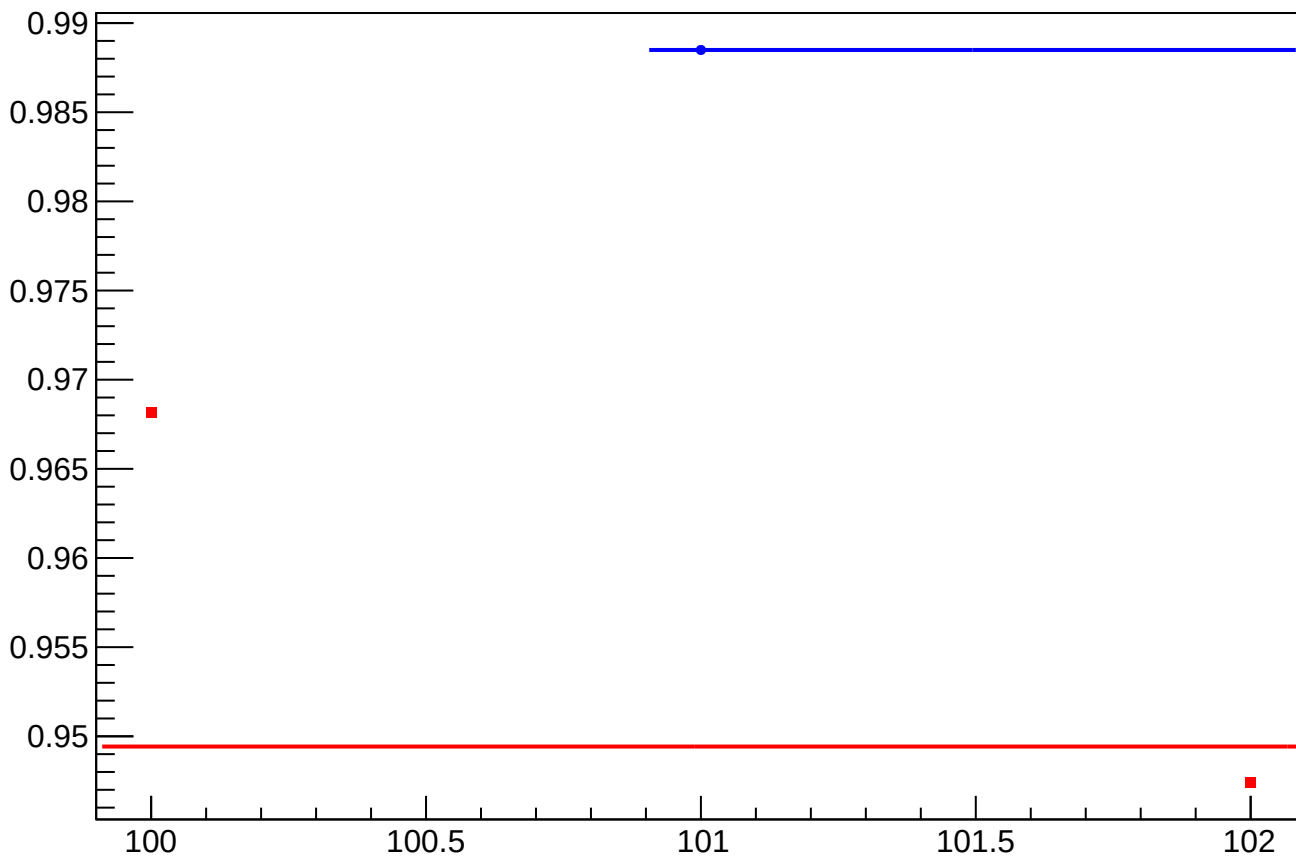
Right: 0.045+/-0.000 χ^2/NDF : 139997.5/2

In: 0.038+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.045+/-0.000 χ^2/NDF : 139997.5/2

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.988 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.949 $\pm$ 0.000 χ^2 /NDF: 94204.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

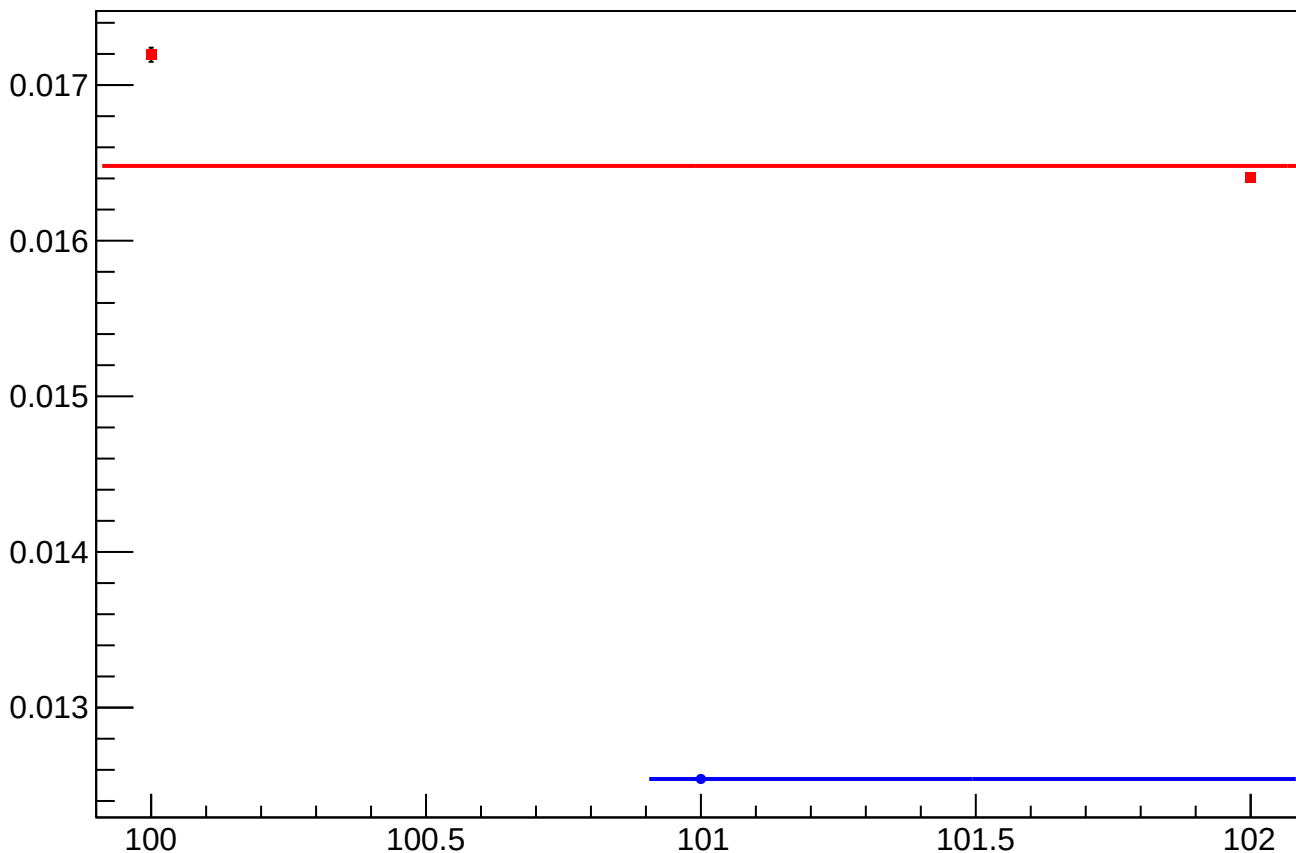
Right: 0.973 $\pm$ 0.000 χ^2 /NDF: 2358163.7/2

In: 0.988 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.973 $\pm$ 0.000 χ^2 /NDF: 2358163.7/2

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 273.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

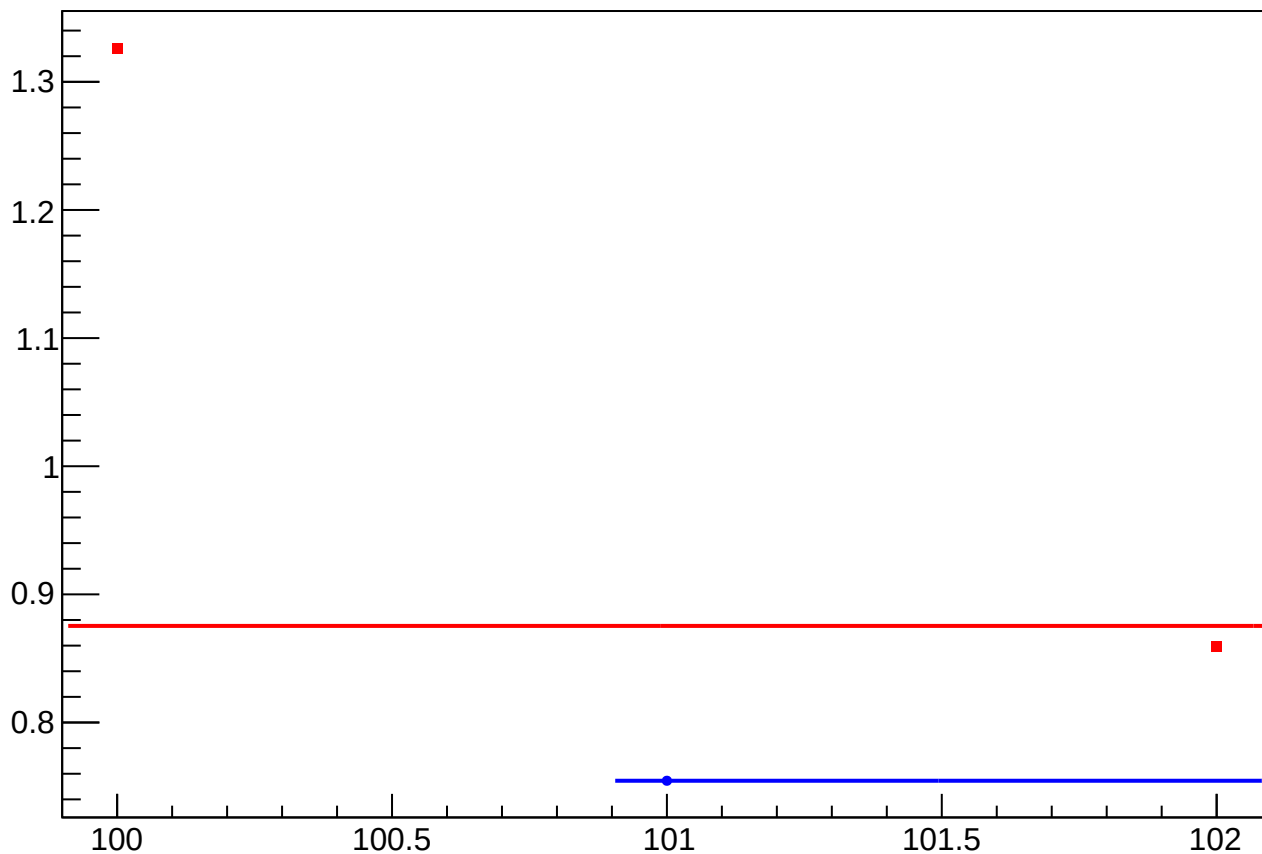
Right: 0.014+/-0.000 χ^2/NDF : 46309.0/2

In: 0.013+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 46309.0/2

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.755+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.875+/-0.000 χ^2/NDF : 1698335.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

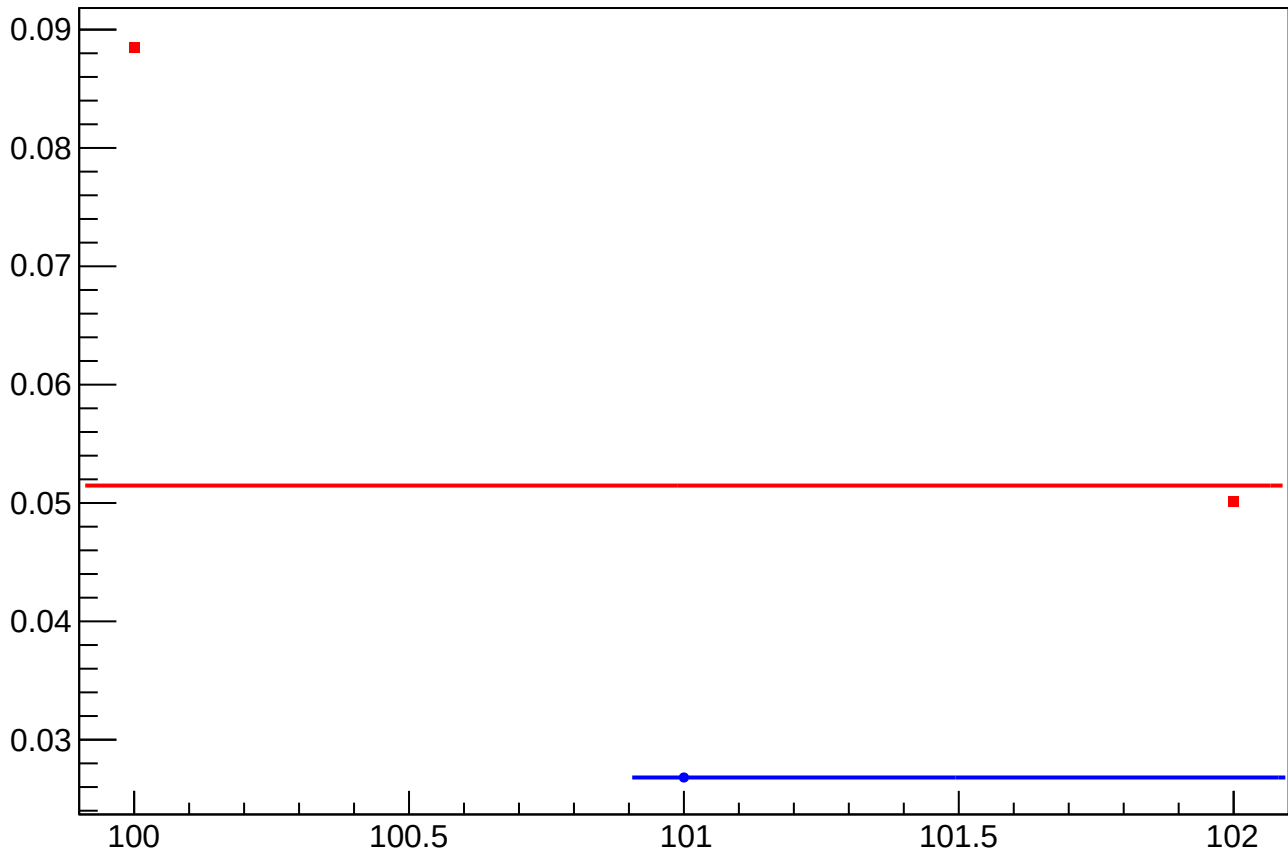
Right: 0.782+/-0.000 χ^2/NDF : 4284867.2/2

In: 0.755+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.782+/-0.000 χ^2/NDF : 4284867.2/2

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.027+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.051+/-0.000 χ^2/NDF : 22873.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

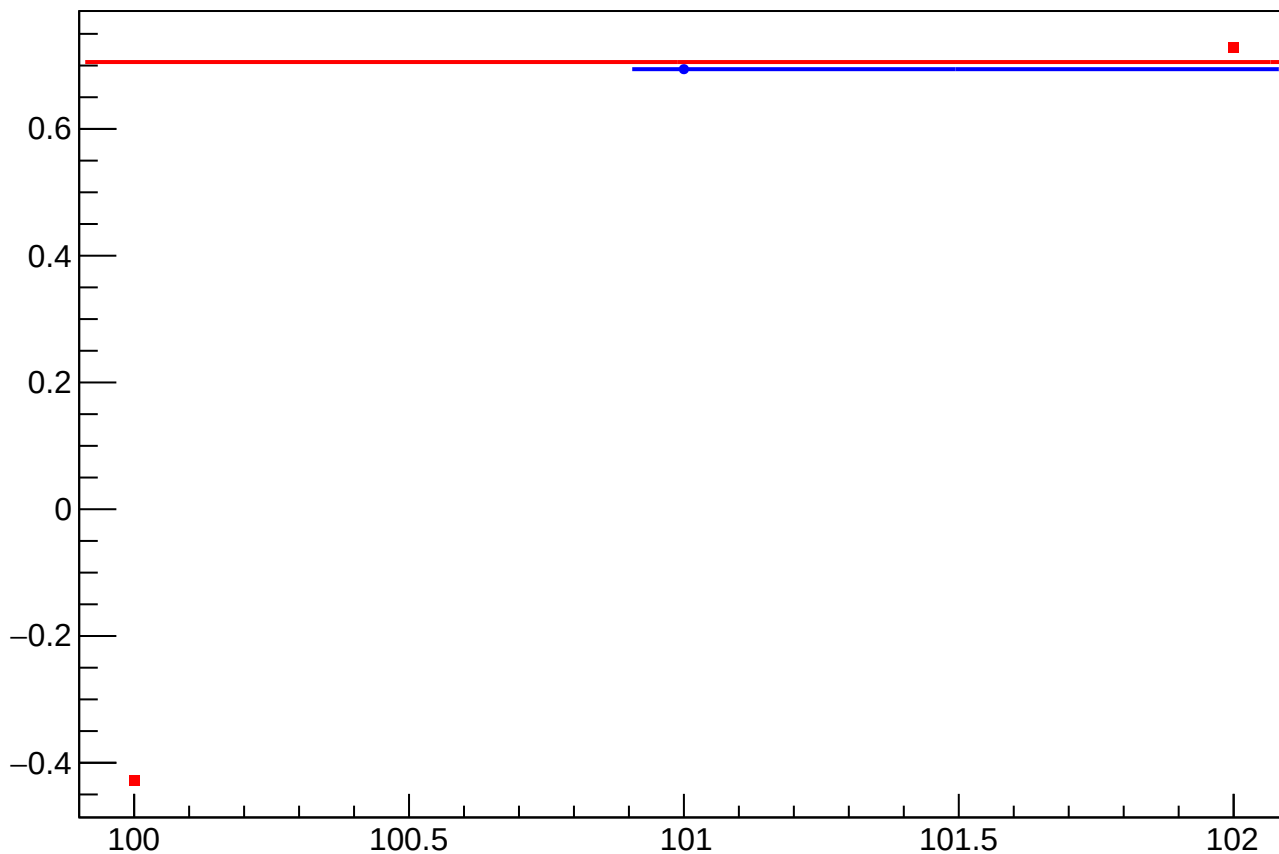
Right: 0.032+/-0.000 χ^2/NDF : 238419.9/2

In: 0.027+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.032+/-0.000 χ^2/NDF : 238419.9/2

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.694+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.706+/-0.000 χ^2/NDF : 32103441.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

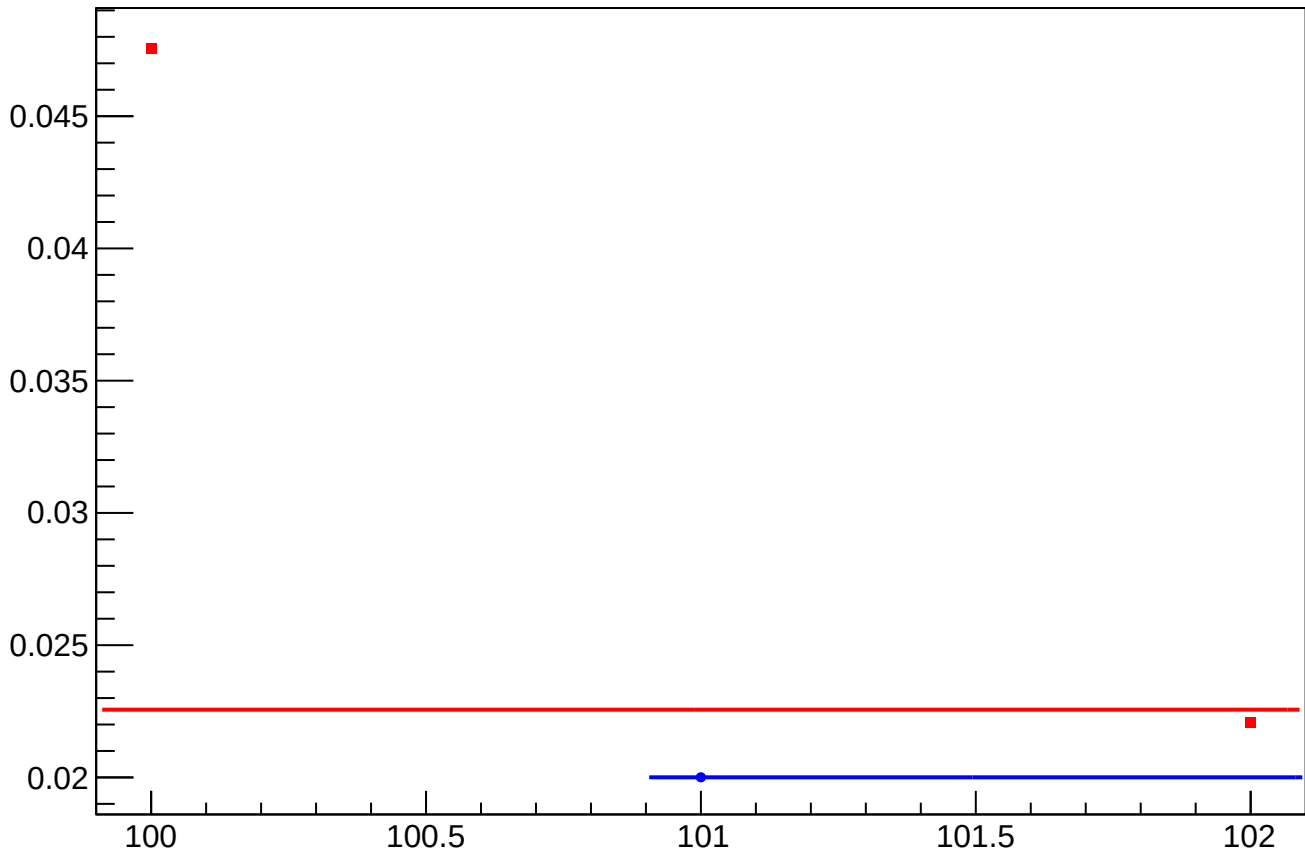
Right: 0.699+/-0.000 χ^2/NDF : 32188624.9/2

In: 0.694+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.699+/-0.000 χ^2/NDF : 32188624.9/2

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.023+/-0.000 χ^2/NDF : 31218.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

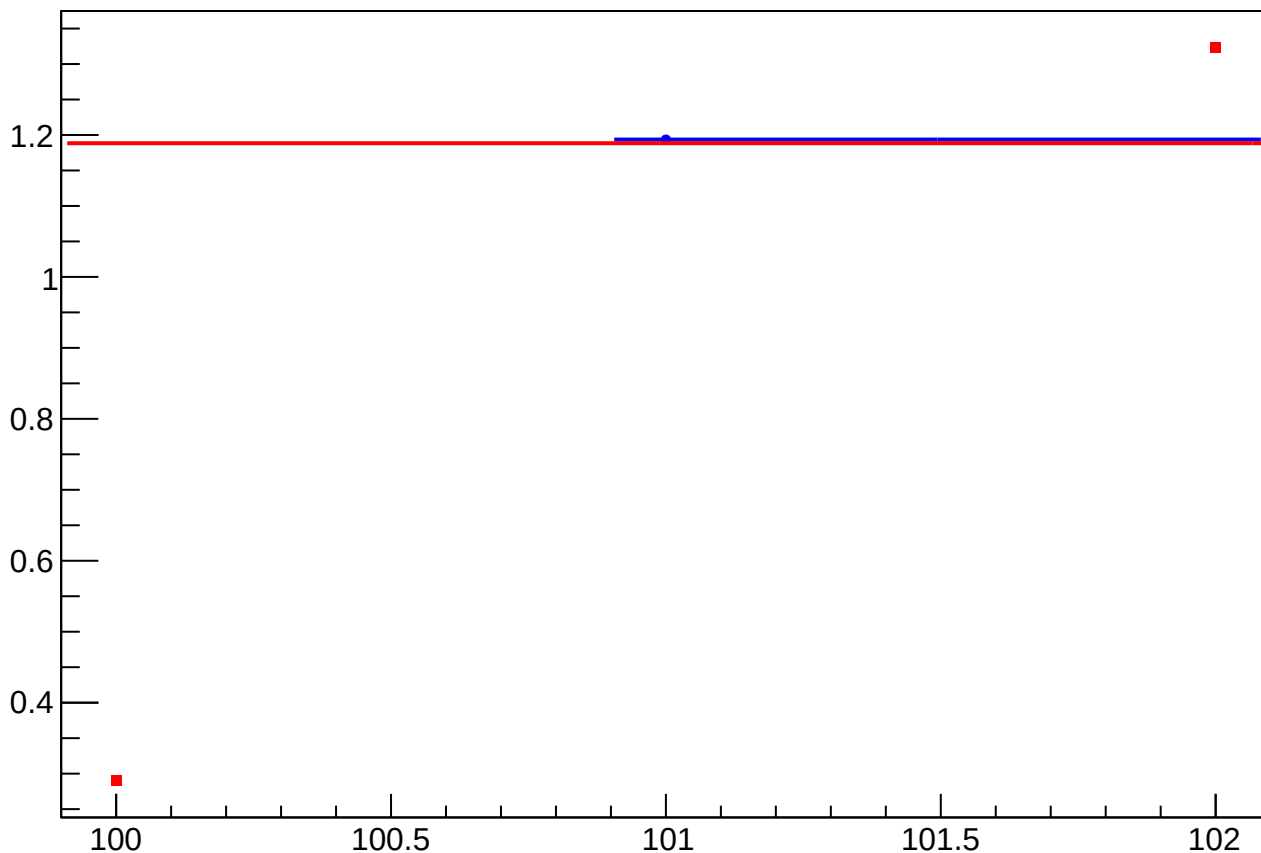
Right: 0.021+/-0.000 χ^2/NDF : 40005.9/2

In: 0.020+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.000 χ^2/NDF : 40005.9/2

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 1.194+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.188+/-0.000 χ^2/NDF : 89349290.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

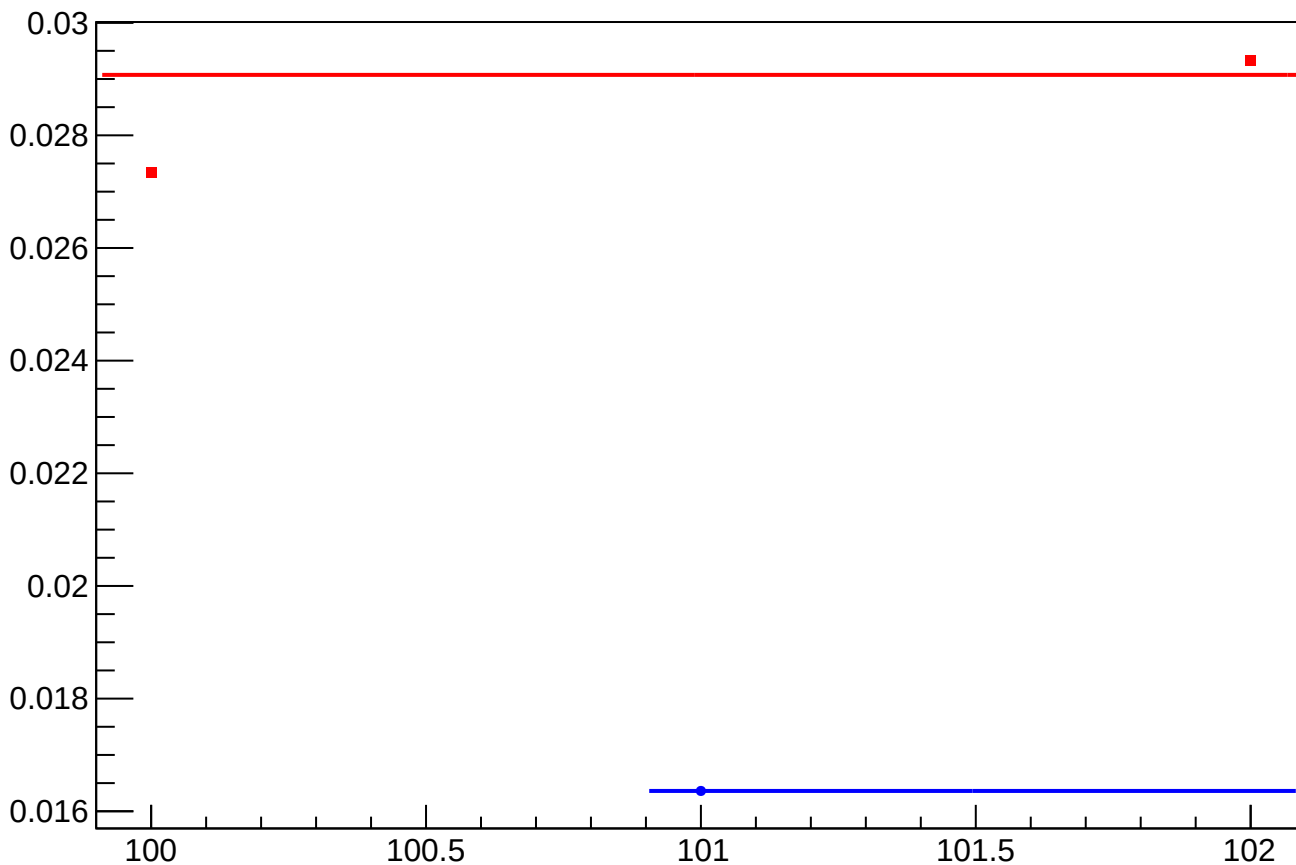
Right: 1.192+/-0.000 χ^2/NDF : 89363956.4/2

In: 1.194+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.192+/-0.000 χ^2/NDF : 89363956.4/2

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.029+/-0.000 χ^2/NDF : 665.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

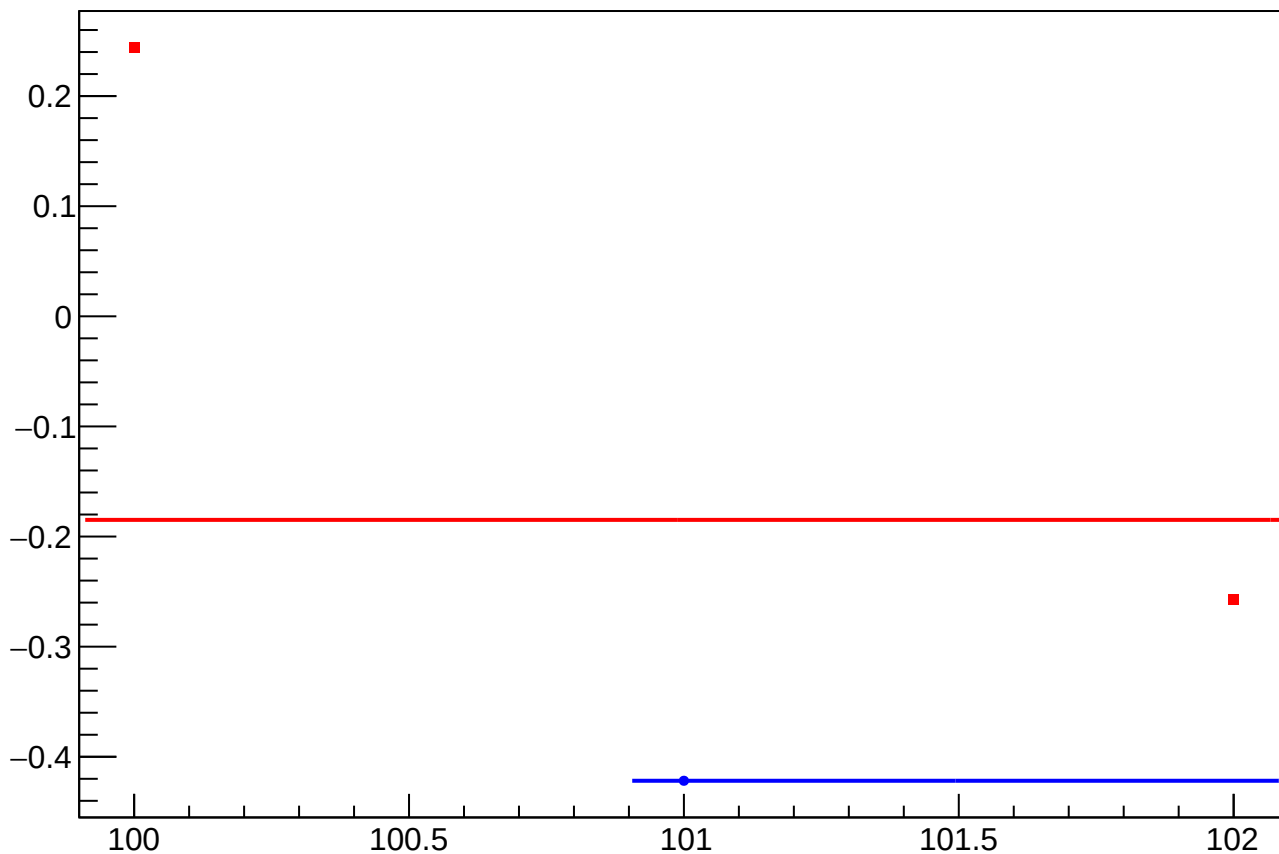
Right: 0.020+/-0.000 χ^2/NDF : 178668.7/2

In: 0.016+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.000 χ^2/NDF : 178668.7/2

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.422+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.185+/-0.000 χ^2/NDF : 95876117.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

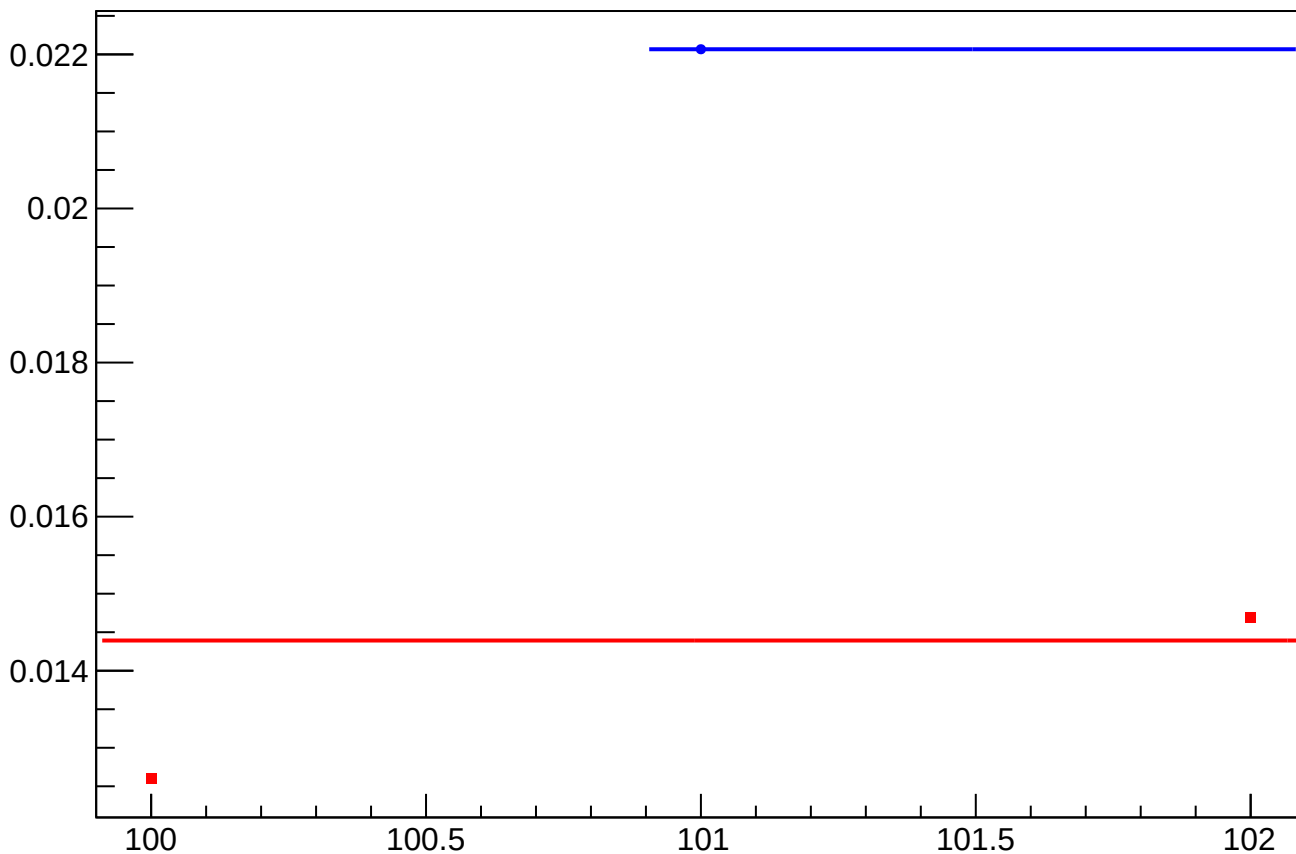
Right: -0.251+/-0.000 χ^2/NDF : 144167671.2/2

In: -0.422+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.251+/-0.000 χ^2/NDF : 144167671.2/2

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.022+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 3332.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

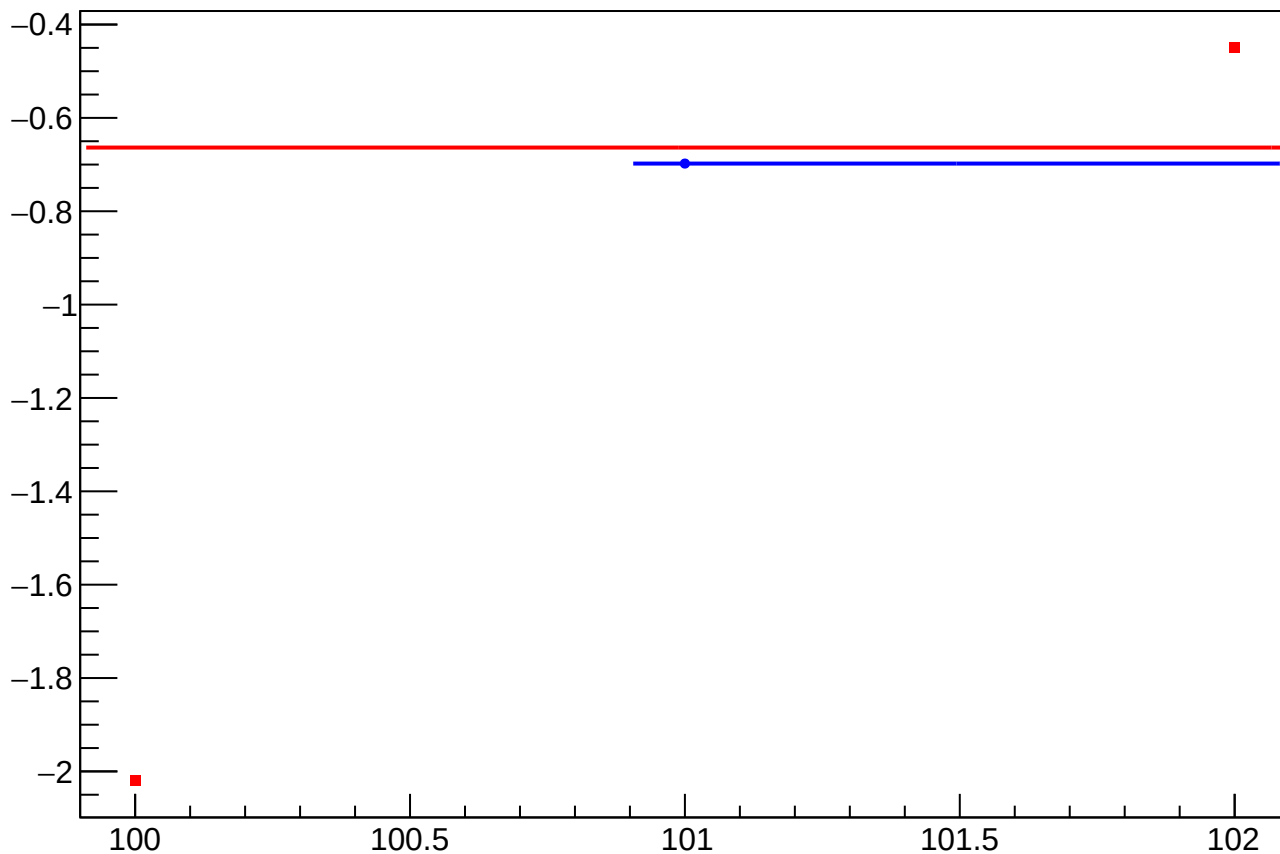
Right: 0.017+/-0.000 χ^2/NDF : 104680.8/2

In: 0.022+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.000 χ^2/NDF : 104680.8/2

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.698+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.664+/-0.000 χ^2/NDF : 54534402.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

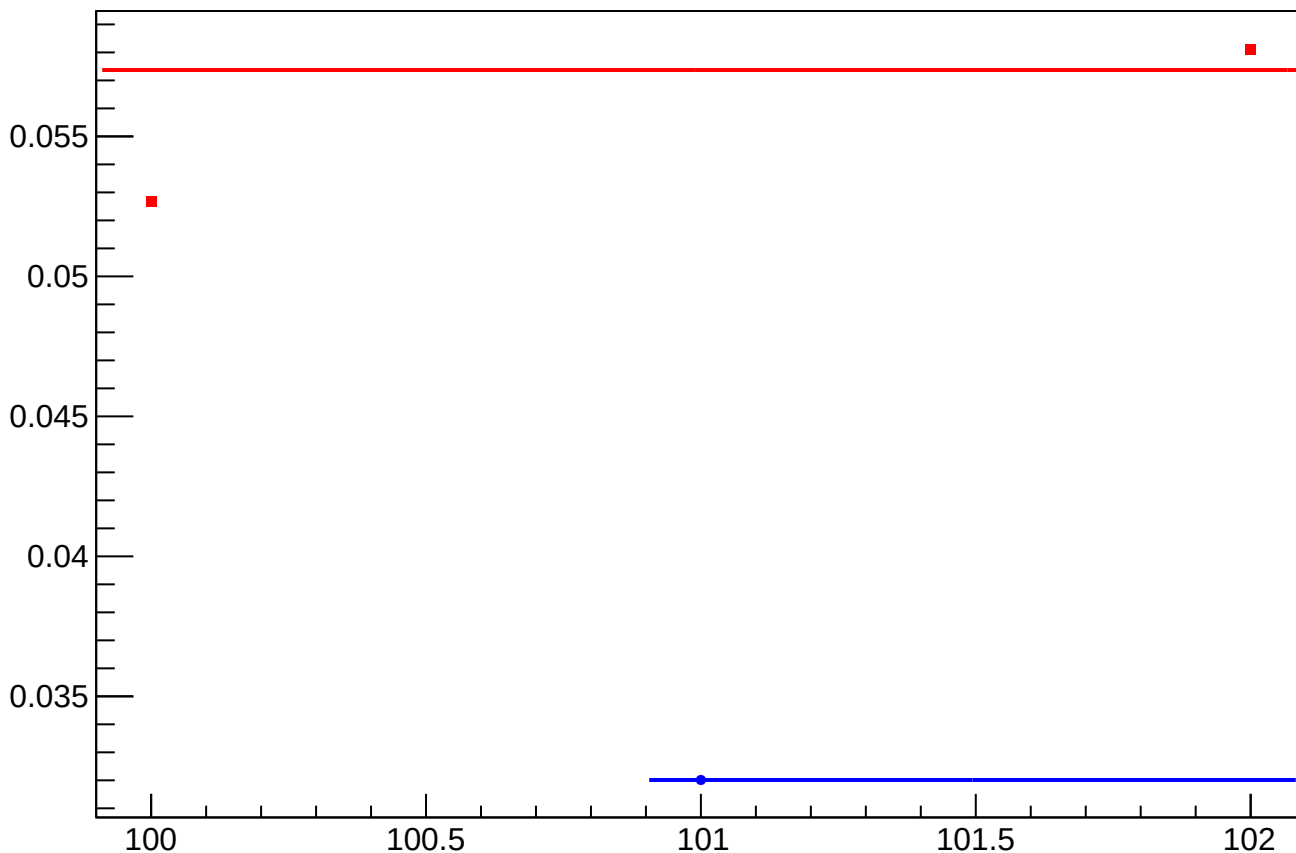
Right: -0.689+/-0.000 χ^2/NDF : 54701490.8/2

In: -0.698+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.689+/-0.000 χ^2/NDF : 54701490.8/2

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.032+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.057+/-0.000 χ^2/NDF : 1312.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

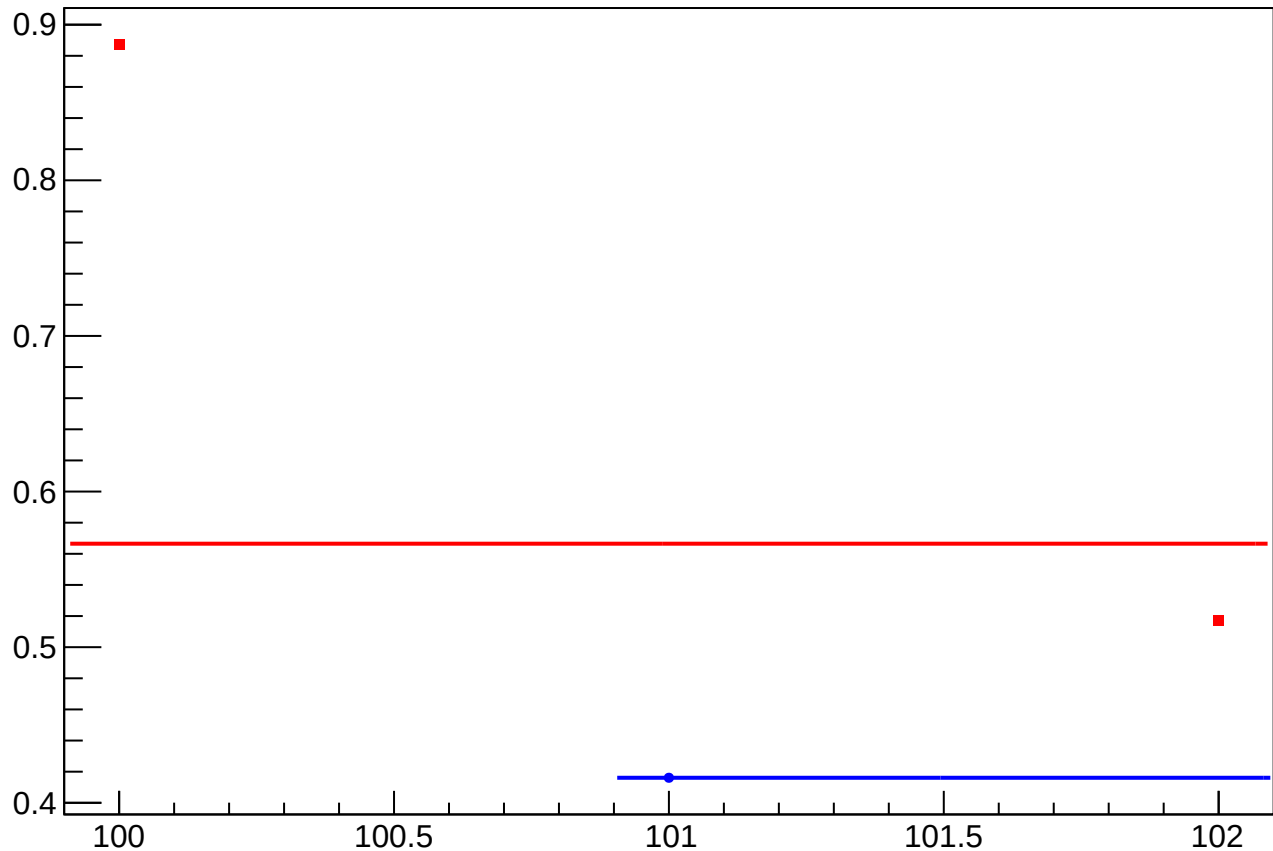
Right: 0.038+/-0.000 χ^2/NDF : 183854.8/2

In: 0.032+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.038+/-0.000 χ^2/NDF : 183854.8/2

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.416+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.566+/-0.000 χ^2/NDF : 85841885.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

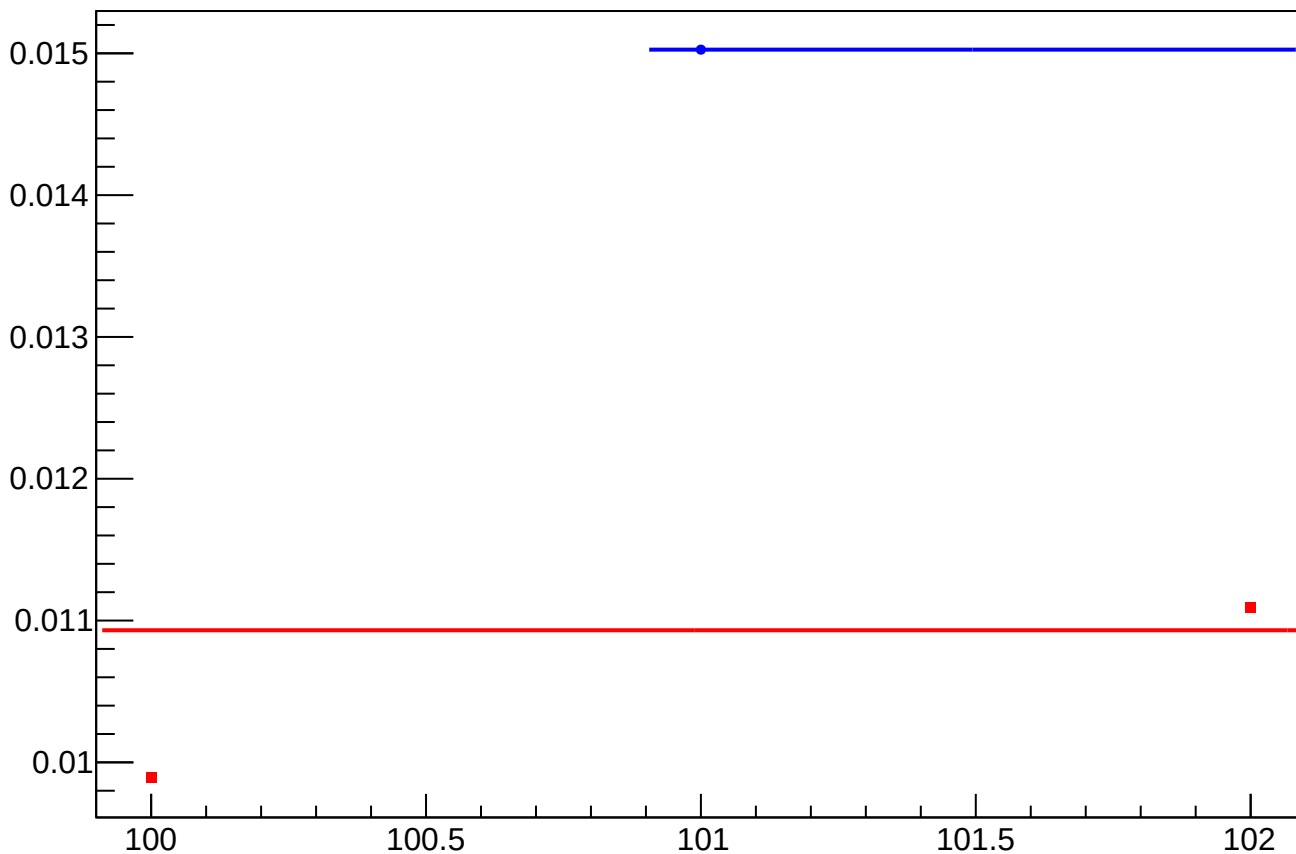
Right: 0.518+/-0.000 χ^2/NDF : 125357616.8/2

In: 0.416+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.518+/-0.000 χ^2/NDF : 125357616.8/2

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 1790.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

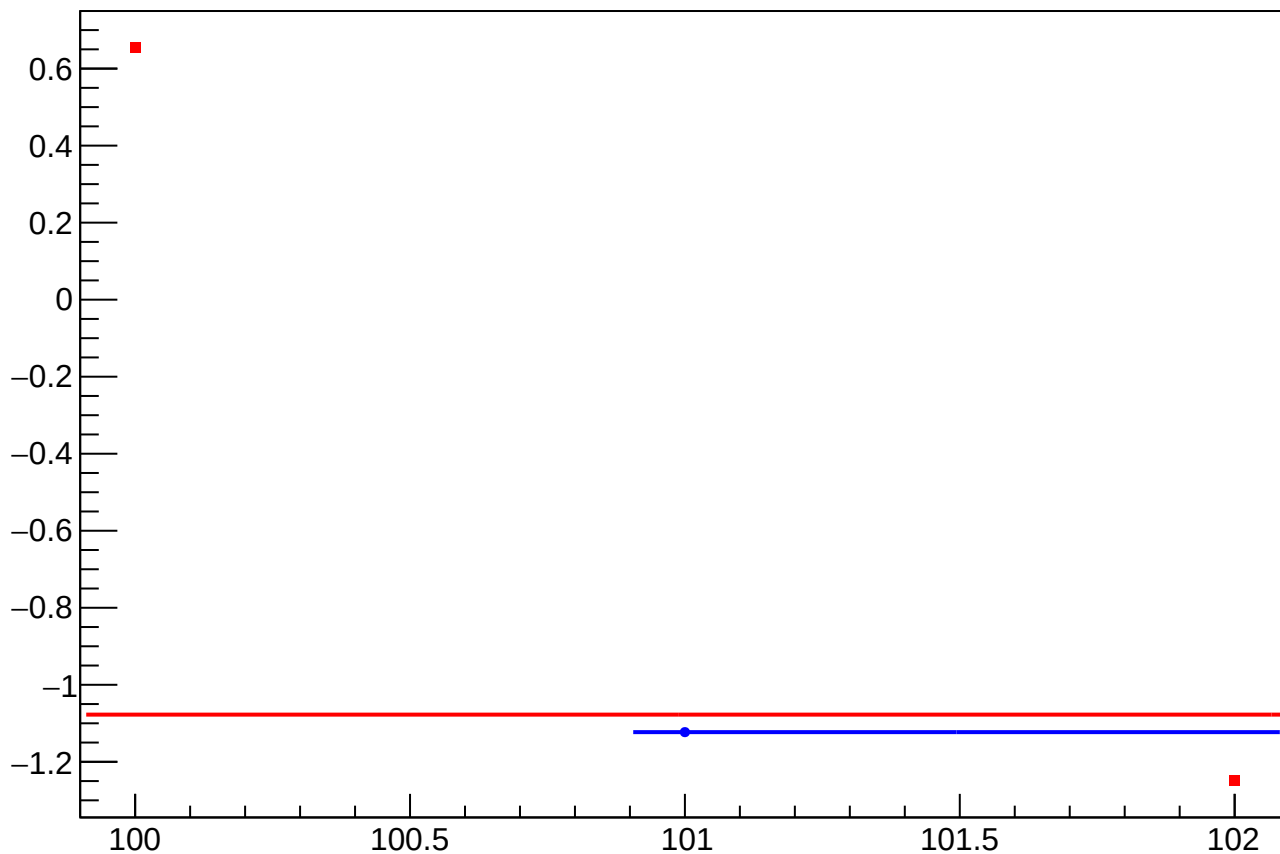
Right: 0.012+/-0.000 χ^2/NDF : 60353.9/2

In: 0.015+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 60353.9/2

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -1.123+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.077+/-0.000 χ^2/NDF : 49742583.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

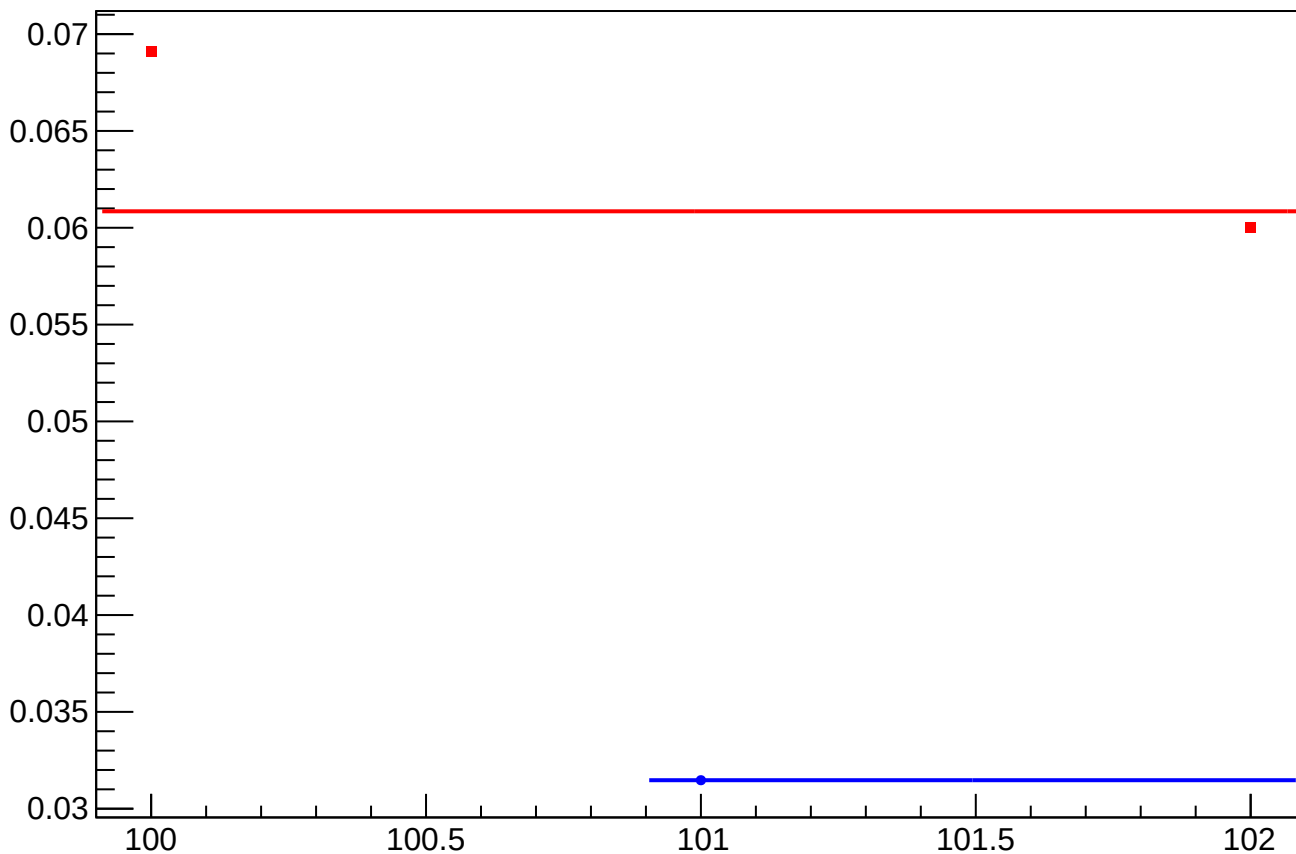
Right: -1.112+/-0.000 χ^2/NDF : 50007443.5/2

In: -1.123+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.112+/-0.000 χ^2/NDF : 50007443.5/2

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.031+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.061+/-0.000 χ^2/NDF : 2268.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

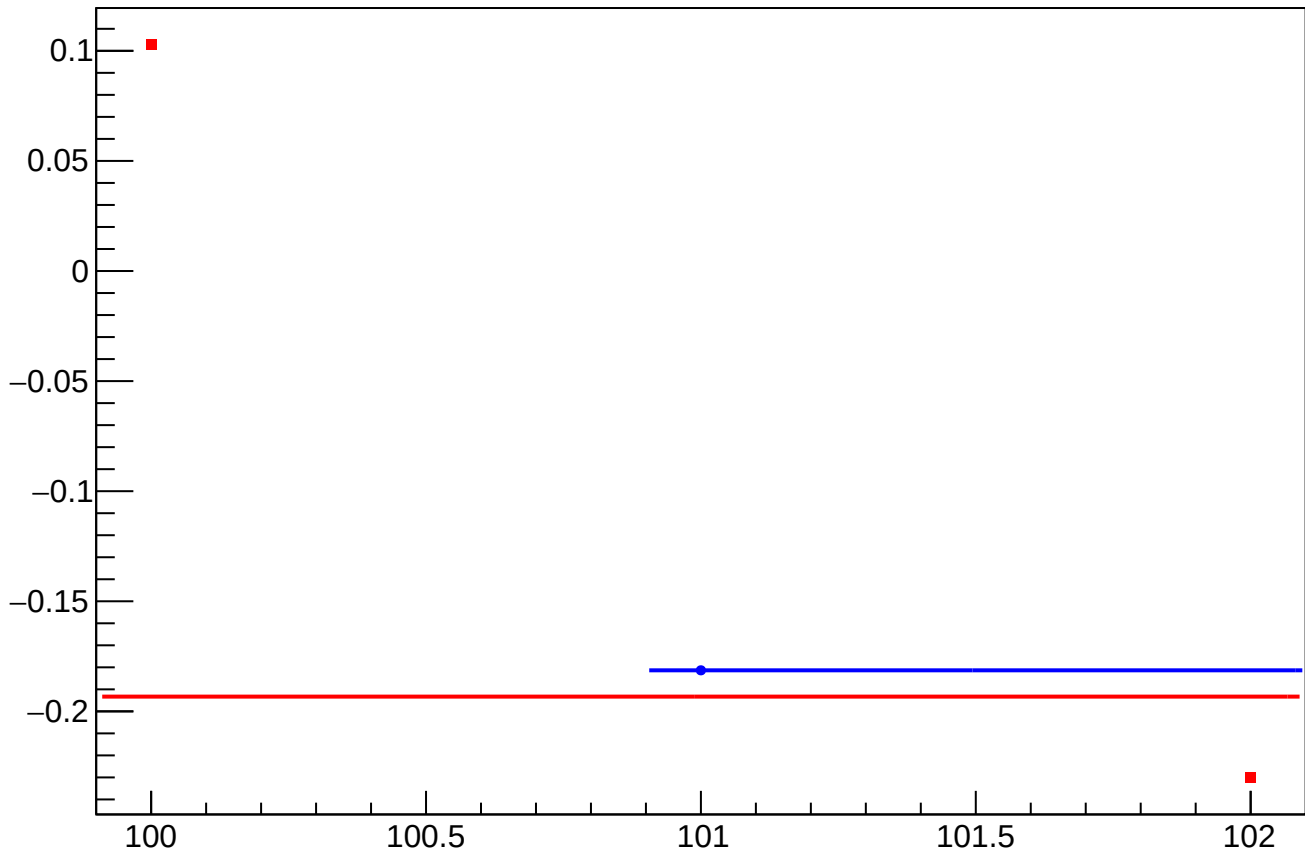
Right: 0.038+/-0.000 χ^2/NDF : 223446.8/2

In: 0.031+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.038+/-0.000 χ^2/NDF : 223446.8/2

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.181+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.193+/-0.000 χ^2/NDF : 131183335.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

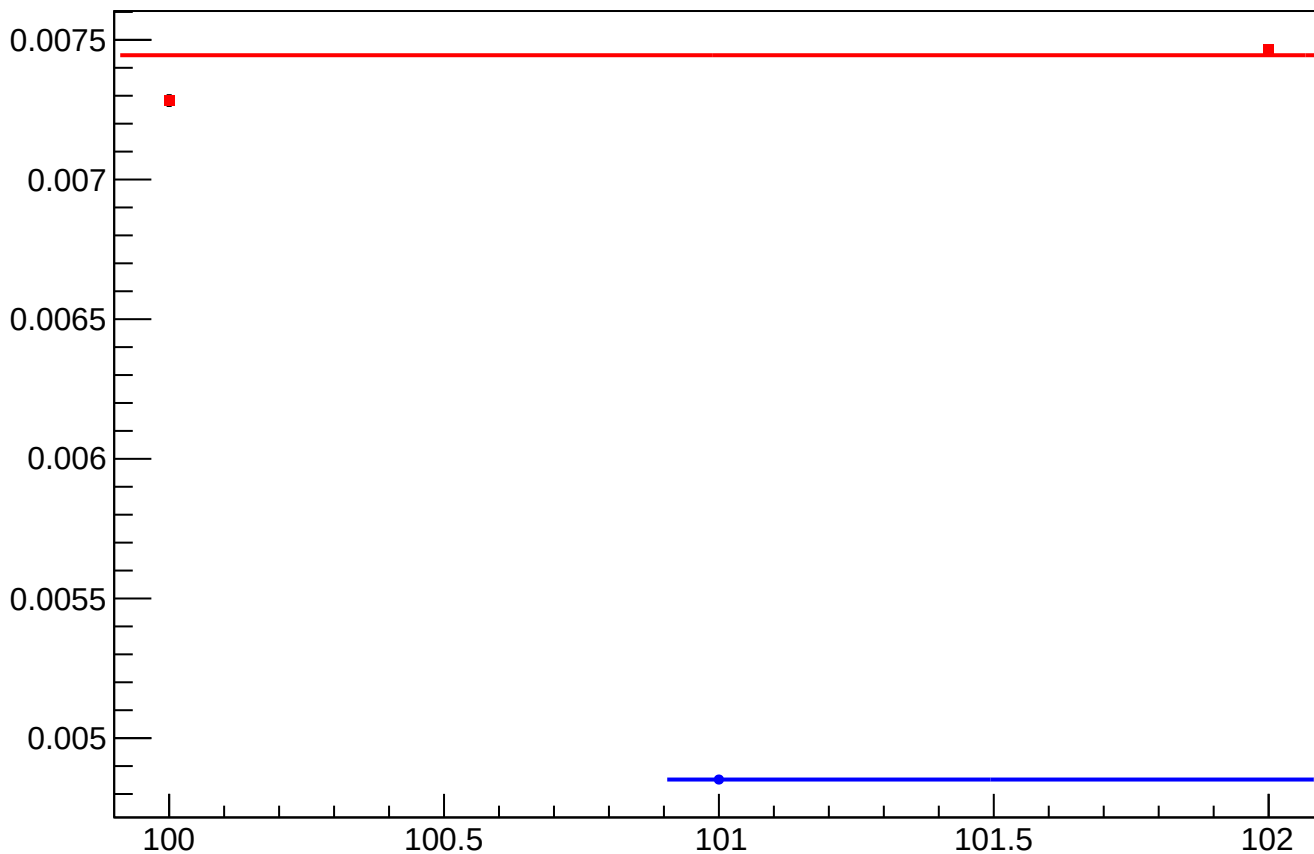
Right: -0.185+/-0.000 χ^2/NDF : 132334802.3/2

In: -0.181+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.185+/-0.000 χ^2/NDF : 132334802.3/2

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.007 $\pm$ 0.000 χ^2 /NDF: 78.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

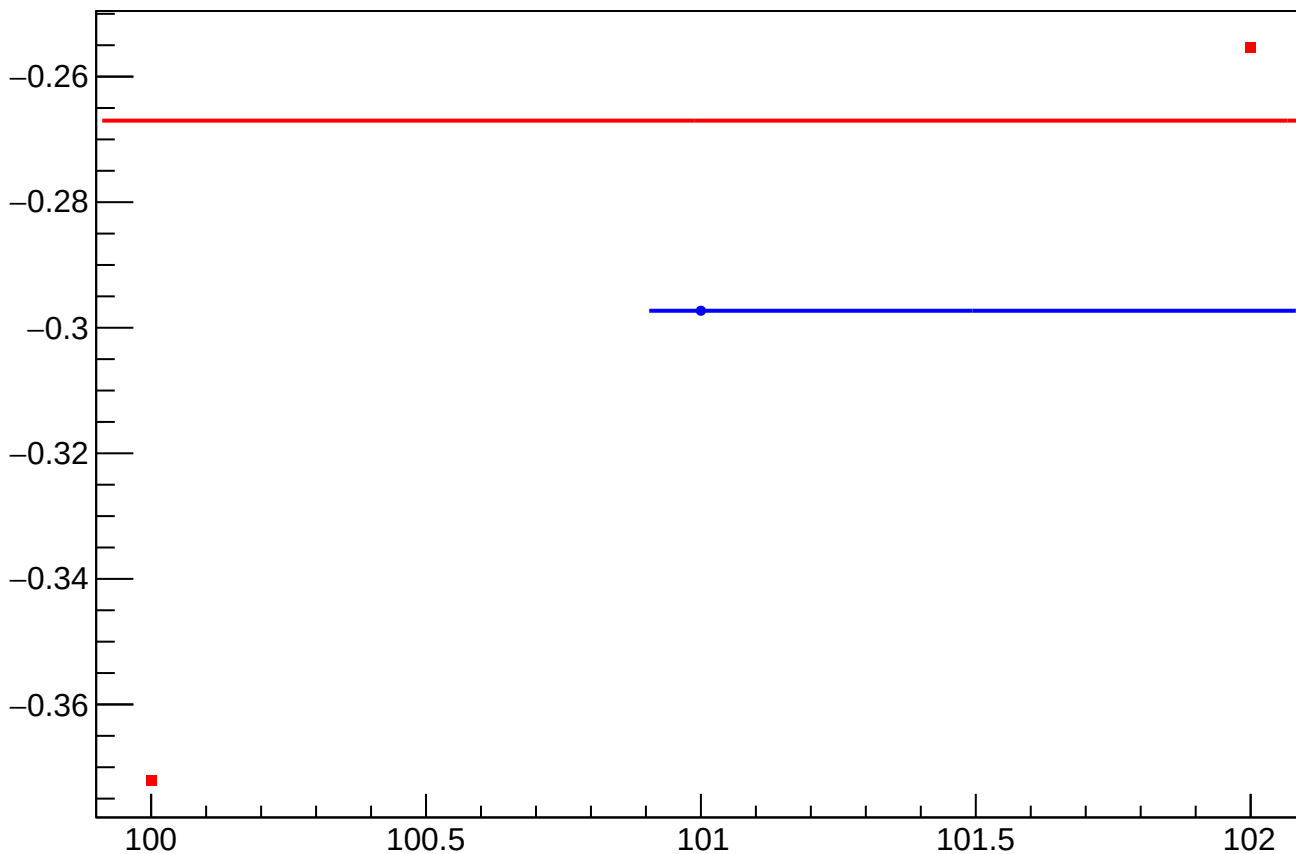
Right: 0.006 $\pm$ 0.000 χ^2 /NDF: 108700.8/2

In: 0.005 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.006 $\pm$ 0.000 χ^2 /NDF: 108700.8/2

yield_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -0.297+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.267+/-0.000 χ^2/NDF : 14979249.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

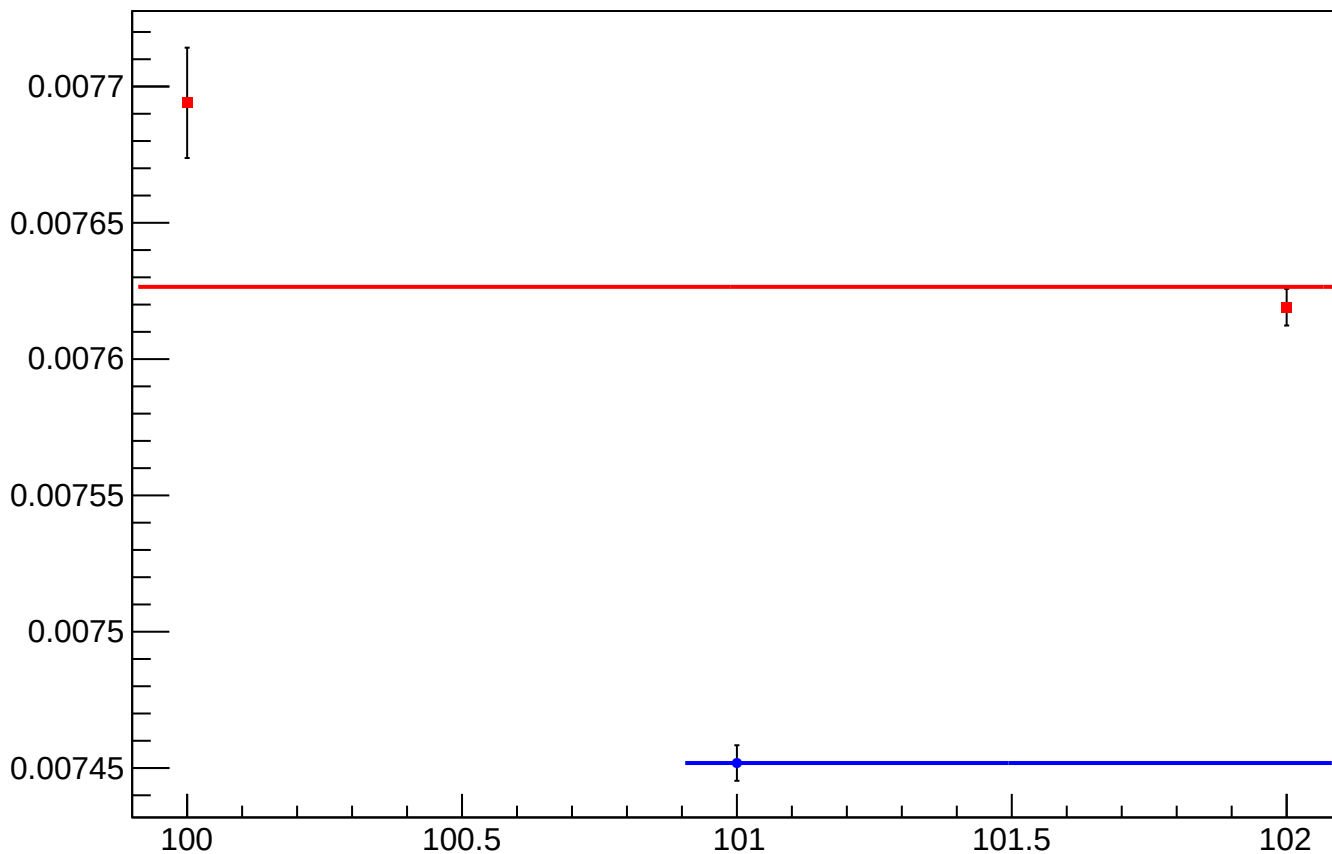
Right: -0.282+/-0.000 χ^2/NDF : 20485804.0/2

In: -0.297+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.282+/-0.000 χ^2/NDF : 20485804.0/2

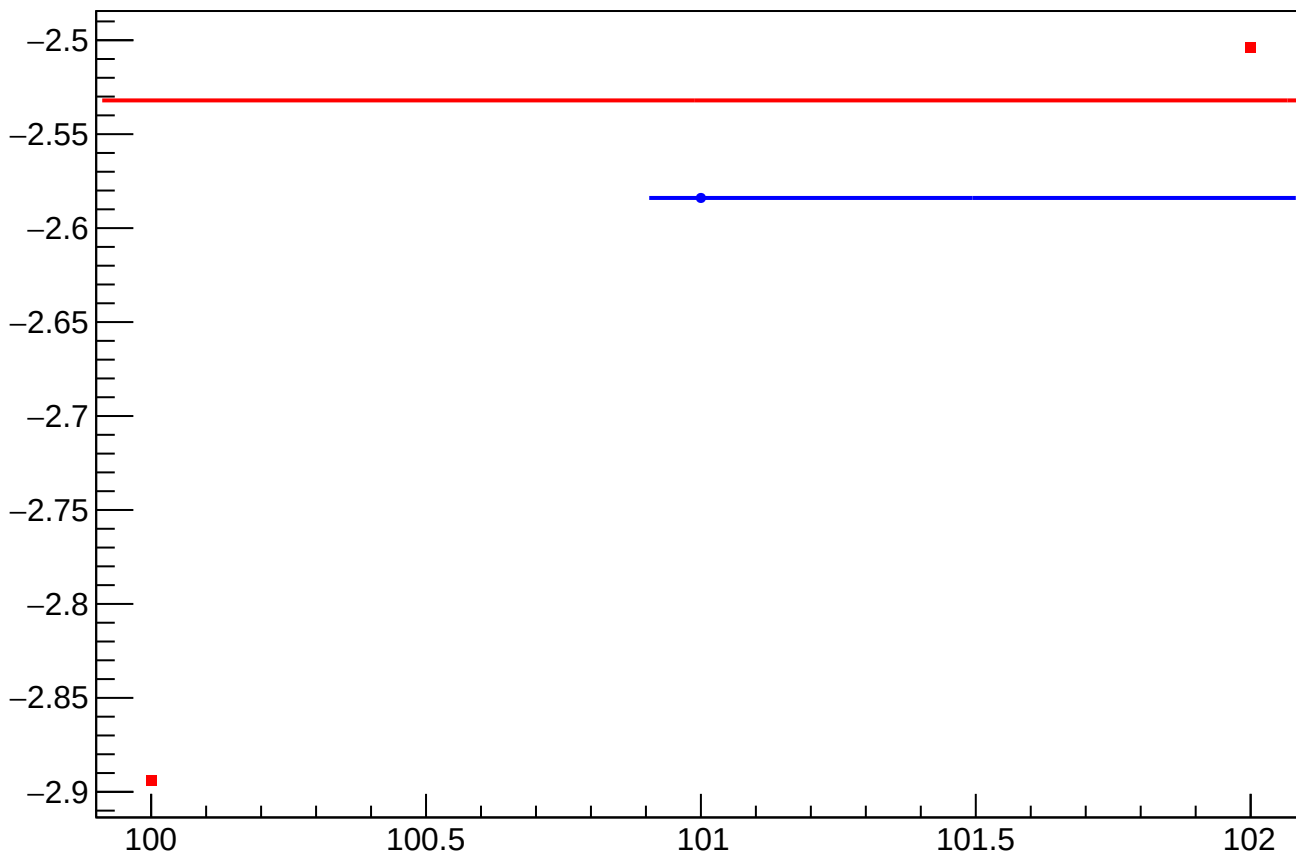
yield_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2 /NDF: 0.0/0
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Right Out: 0.008+/-0.000 χ^2 /NDF: 12.4/1
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Right: 0.008+/-0.000 χ^2 /NDF: 378.8/2
In: 0.007+/-0.000 χ^2 /NDF: 0.0/0
Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
All: 0.008+/-0.000 χ^2 /NDF: 378.8/2

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -2.584+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.532+/-0.000 χ^2/NDF : 133608205.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

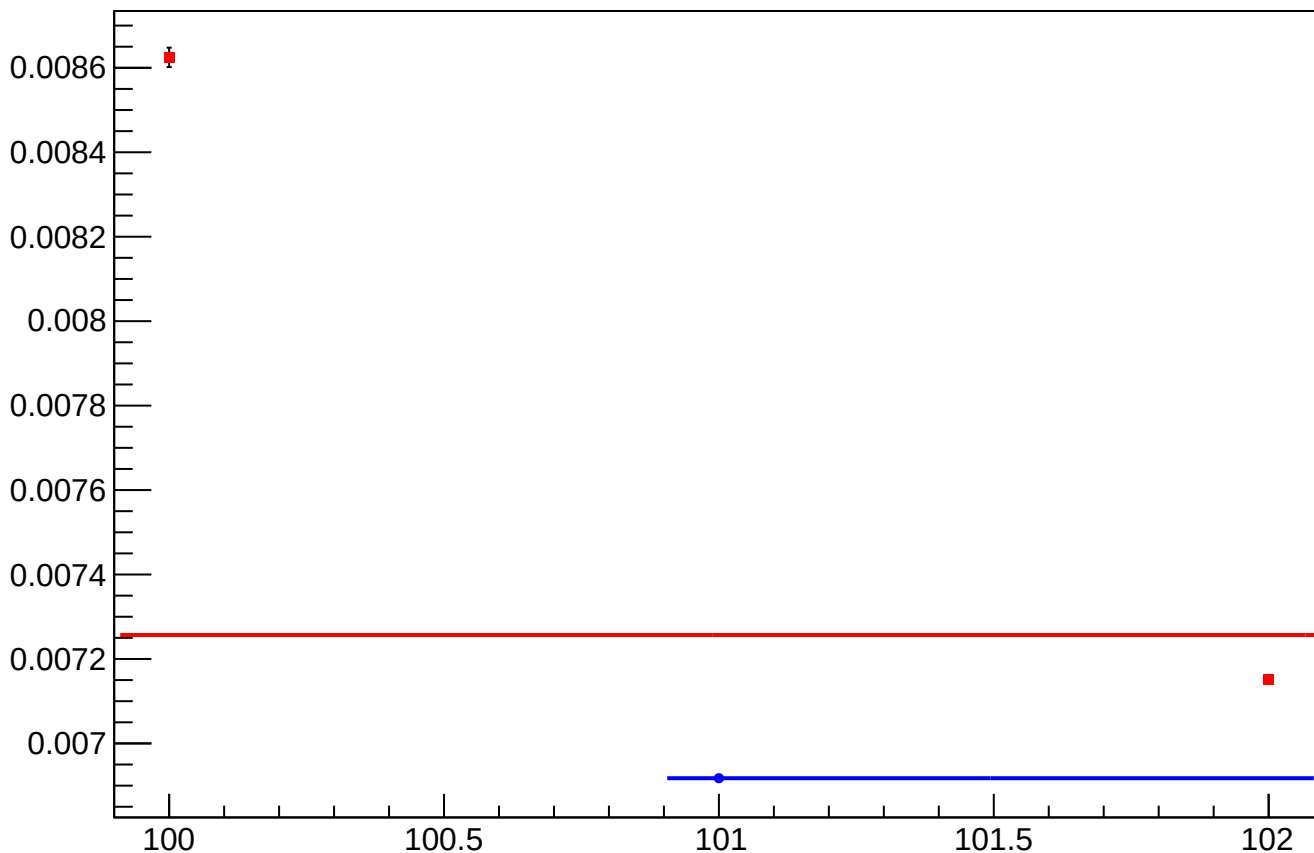
Right: -2.558+/-0.000 χ^2/NDF : 151418119.7/2

In: -2.584+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.558+/-0.000 χ^2/NDF : 151418119.7/2

yield_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 3814.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

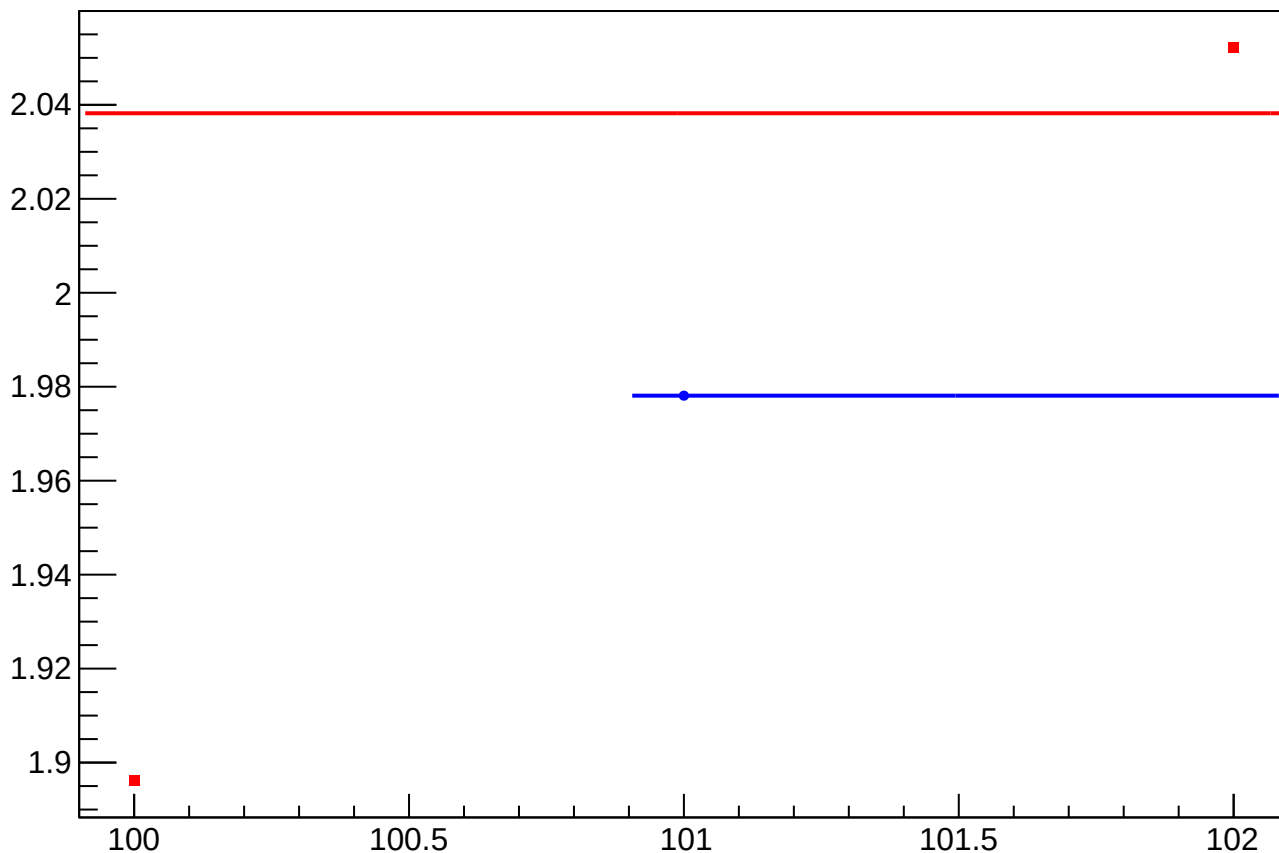
Right: 0.007+/-0.000 χ^2/NDF : 5335.0/2

In: 0.007+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 5335.0/2

yield_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: 1.978+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.038+/-0.000 χ^2/NDF : 8375138.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

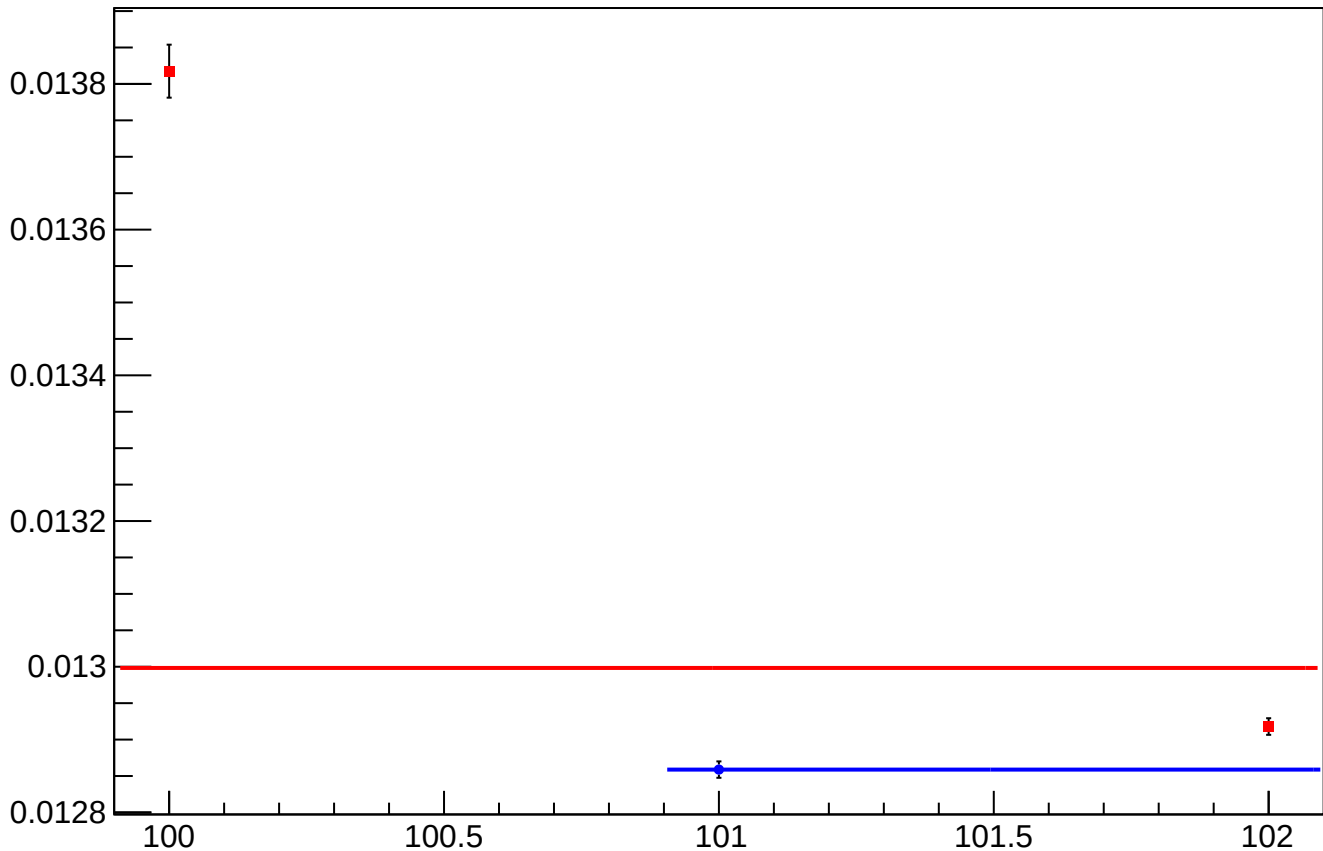
Right: 2.009+/-0.000 χ^2/NDF : 15753734.8/2

In: 1.978+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.009+/-0.000 χ^2/NDF : 15753734.8/2

yield_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.013+/-0.000 χ^2 /NDF: 557.1/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

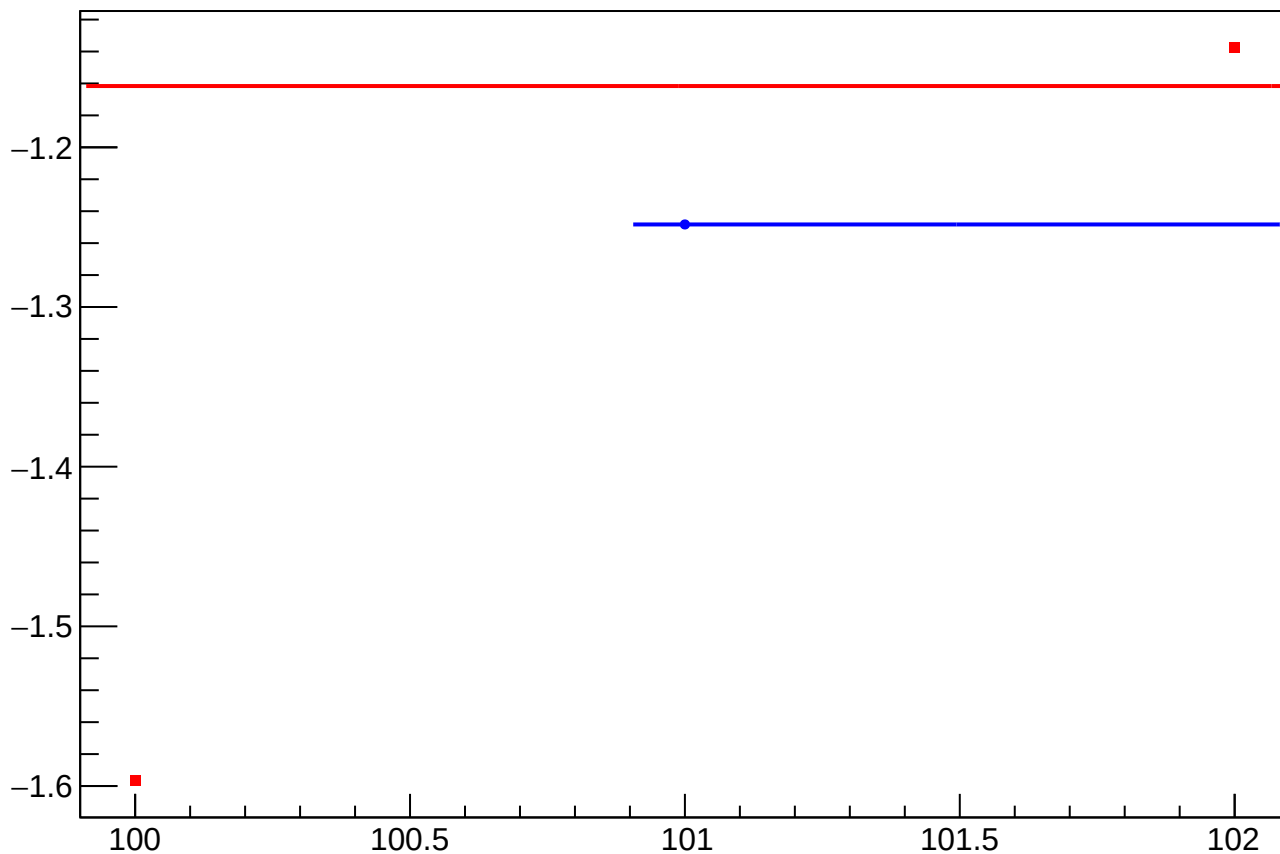
Right: 0.013+/-0.000 χ^2 /NDF: 636.7/2

In: 0.013+/-0.000 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.013+/-0.000 χ^2 /NDF: 636.7/2

yield_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -1.248+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.162+/-0.000 χ^2/NDF : 134277222.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

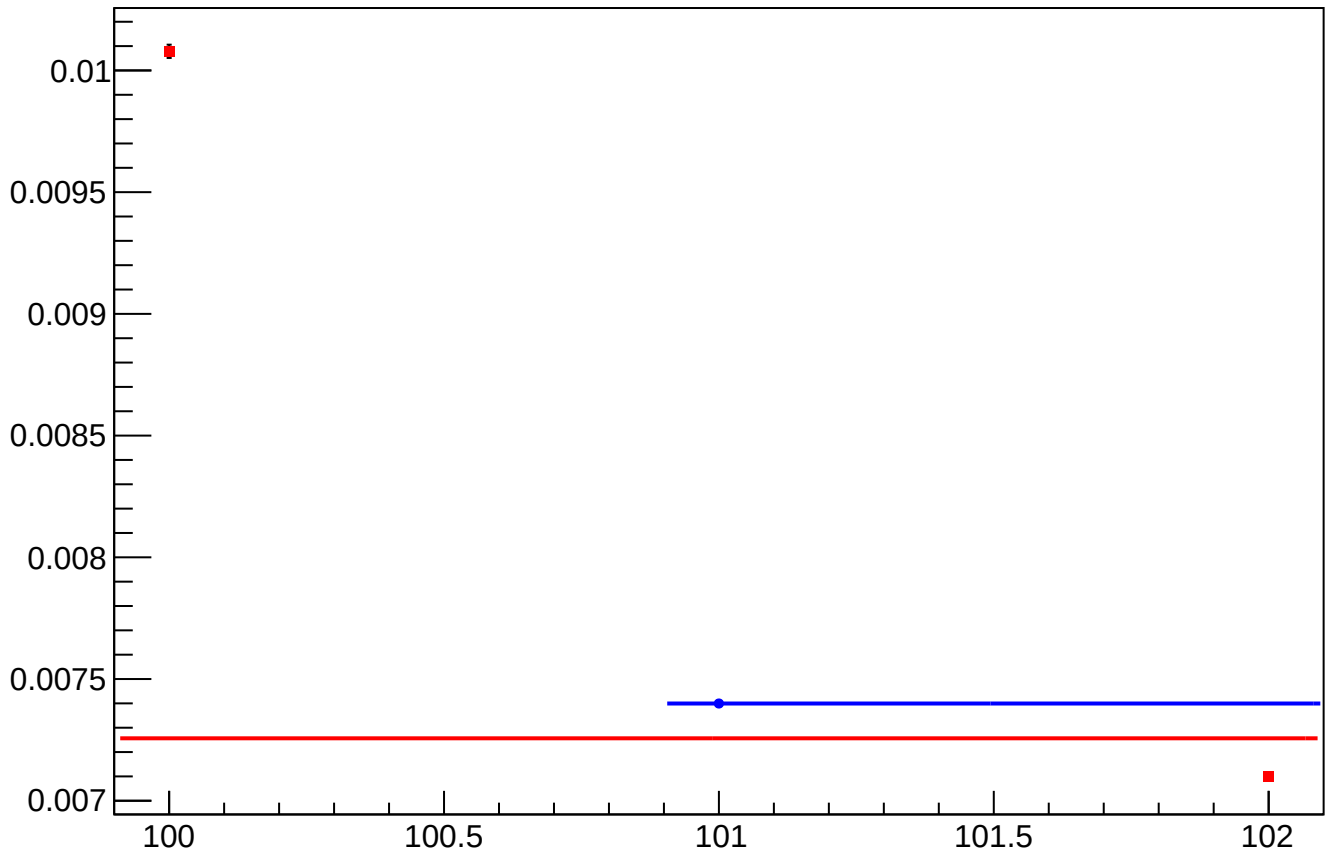
Right: -1.202+/-0.000 χ^2/NDF : 179518649.0/2

In: -1.248+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.202+/-0.000 χ^2/NDF : 179518649.0/2

yield_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 11299.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

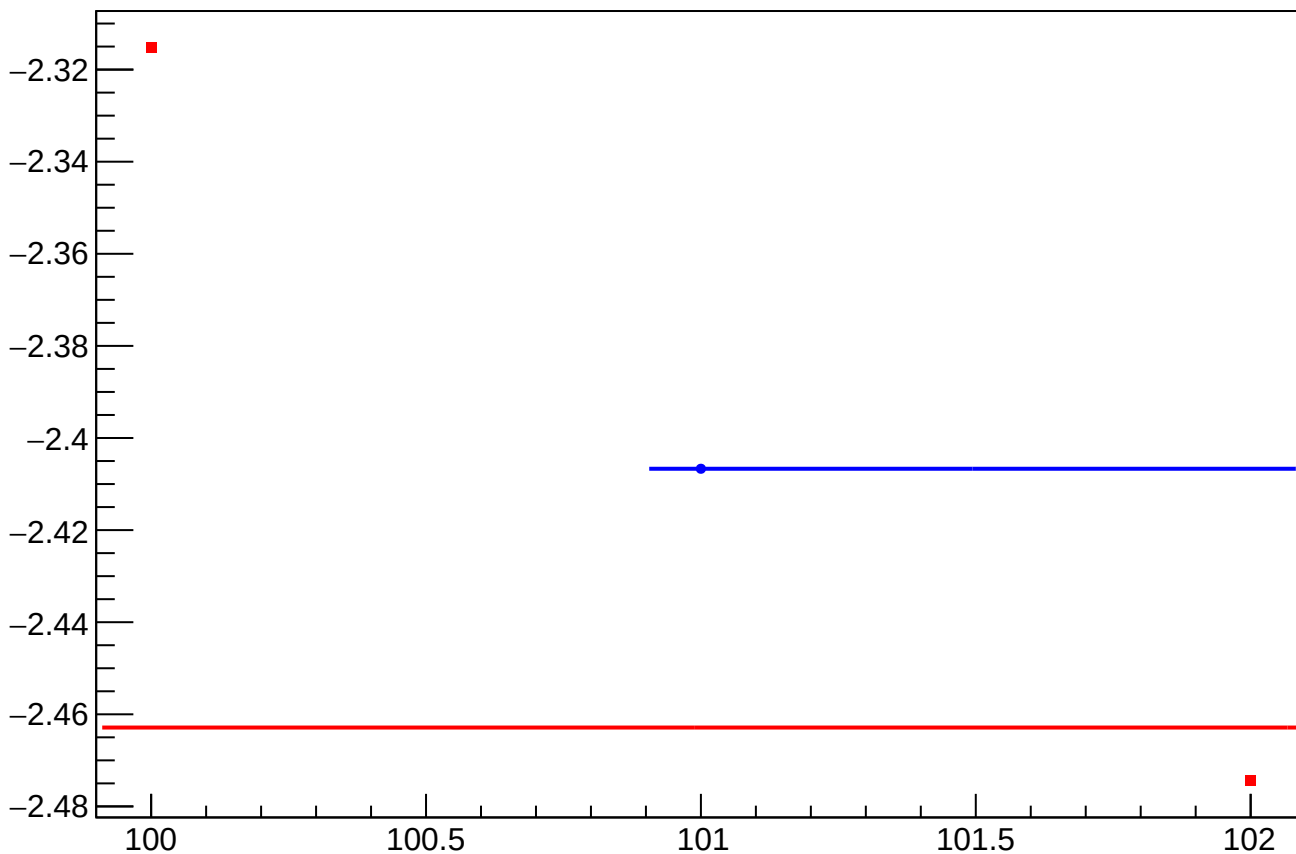
Right: 0.007+/-0.000 χ^2/NDF : 11545.8/2

In: 0.007+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 11545.8/2

yield_bpm0i05X_mean vs Slug, Sign Corrected



Right In: -2.407+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.463+/-0.000 χ^2/NDF : 45656694.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

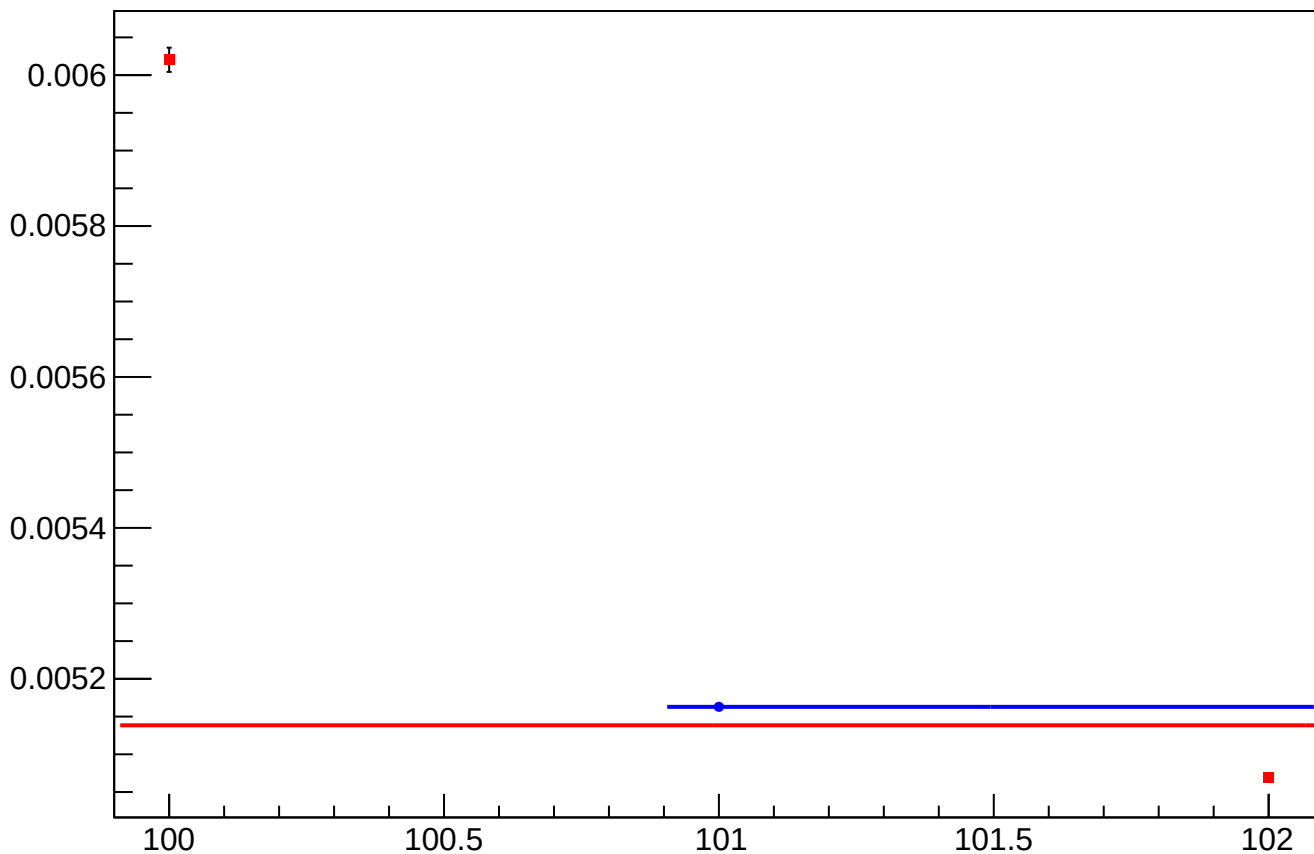
Right: -2.436+/-0.000 χ^2/NDF : 85628518.9/2

In: -2.407+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.436+/-0.000 χ^2/NDF : 85628518.9/2

yield_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 3259.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

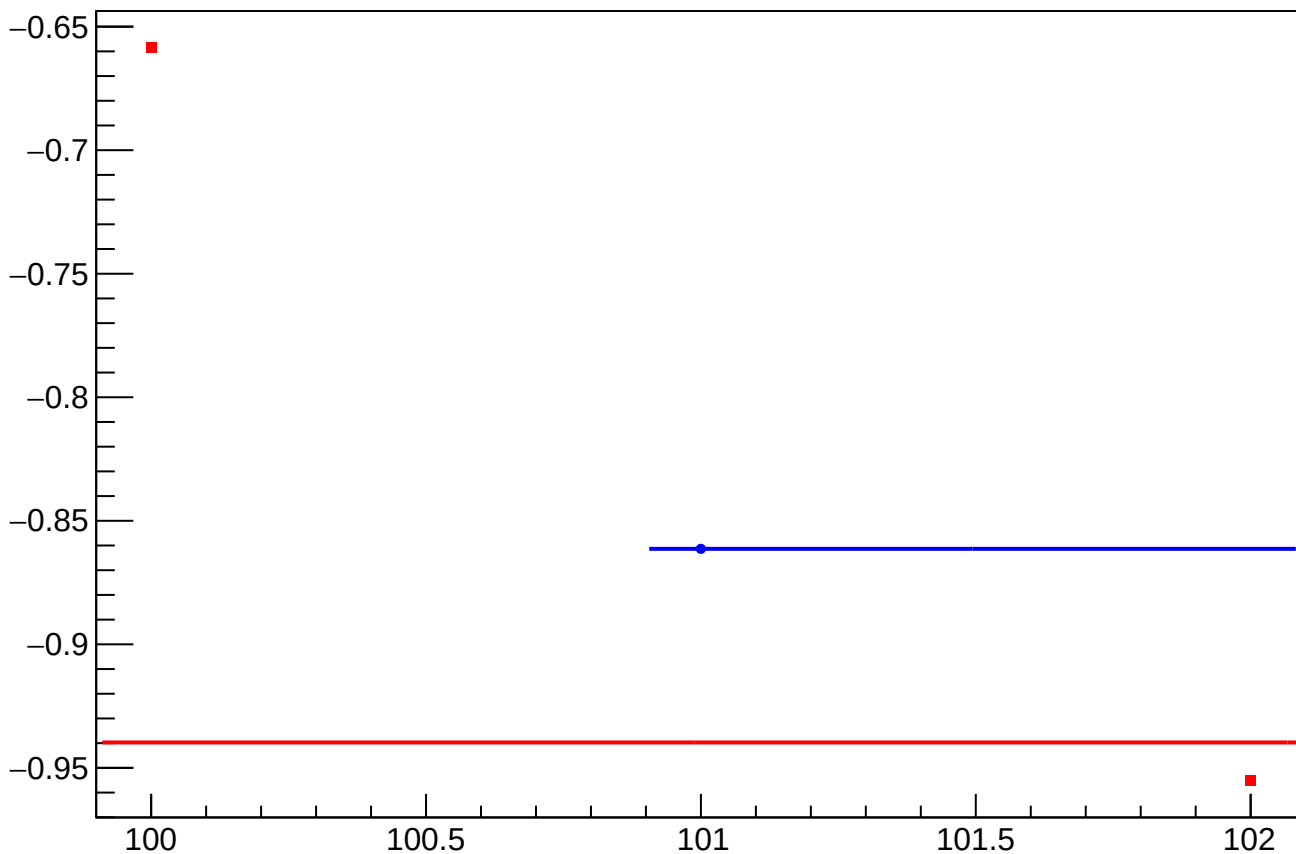
Right: 0.005+/-0.000 χ^2/NDF : 3274.6/2

In: 0.005+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 3274.6/2

yield_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: -0.861 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.940 $\pm$ 0.000 χ^2 /NDF: 116528086.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

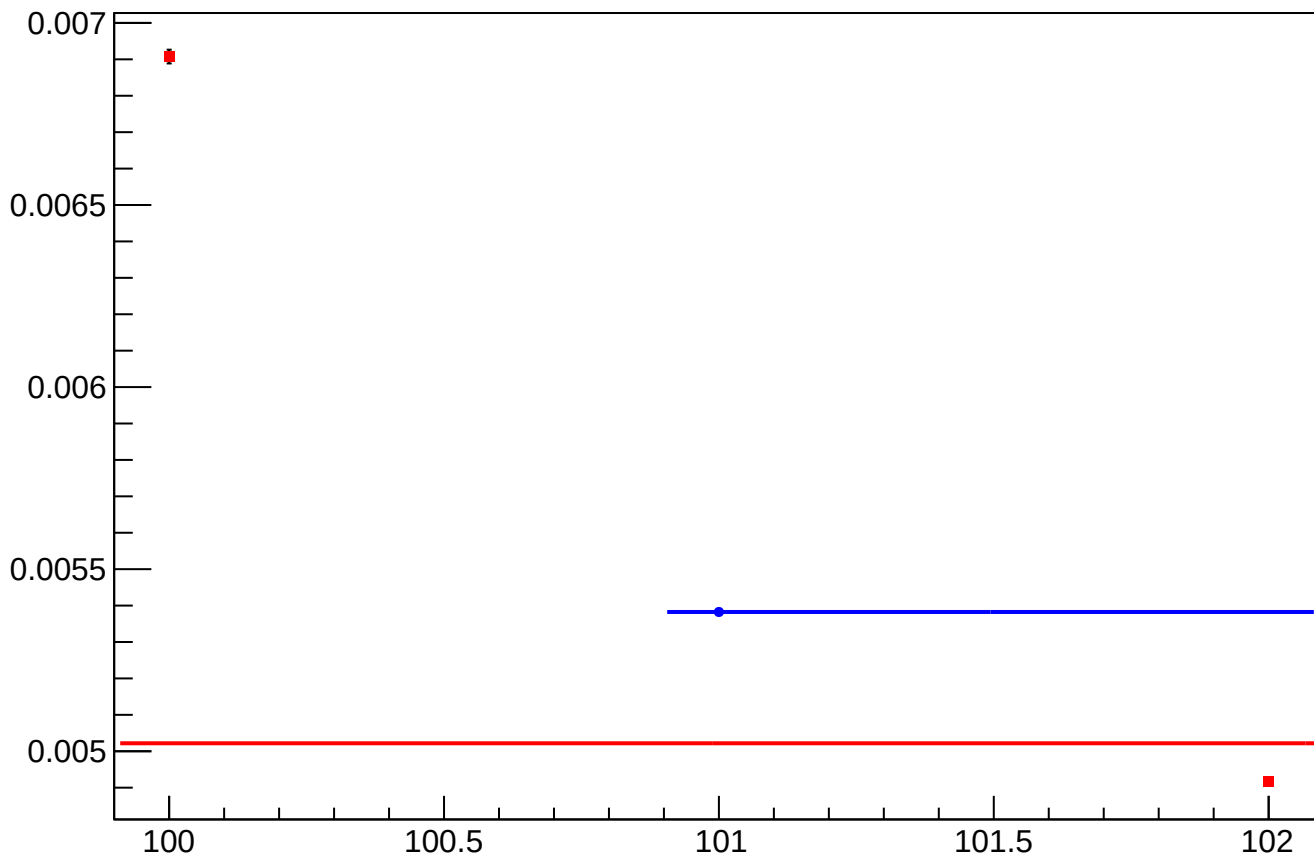
Right: -0.905 $\pm$ 0.000 χ^2 /NDF: 189851442.4/2

In: -0.861 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.905 $\pm$ 0.000 χ^2 /NDF: 189851442.4/2

yield_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 10482.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

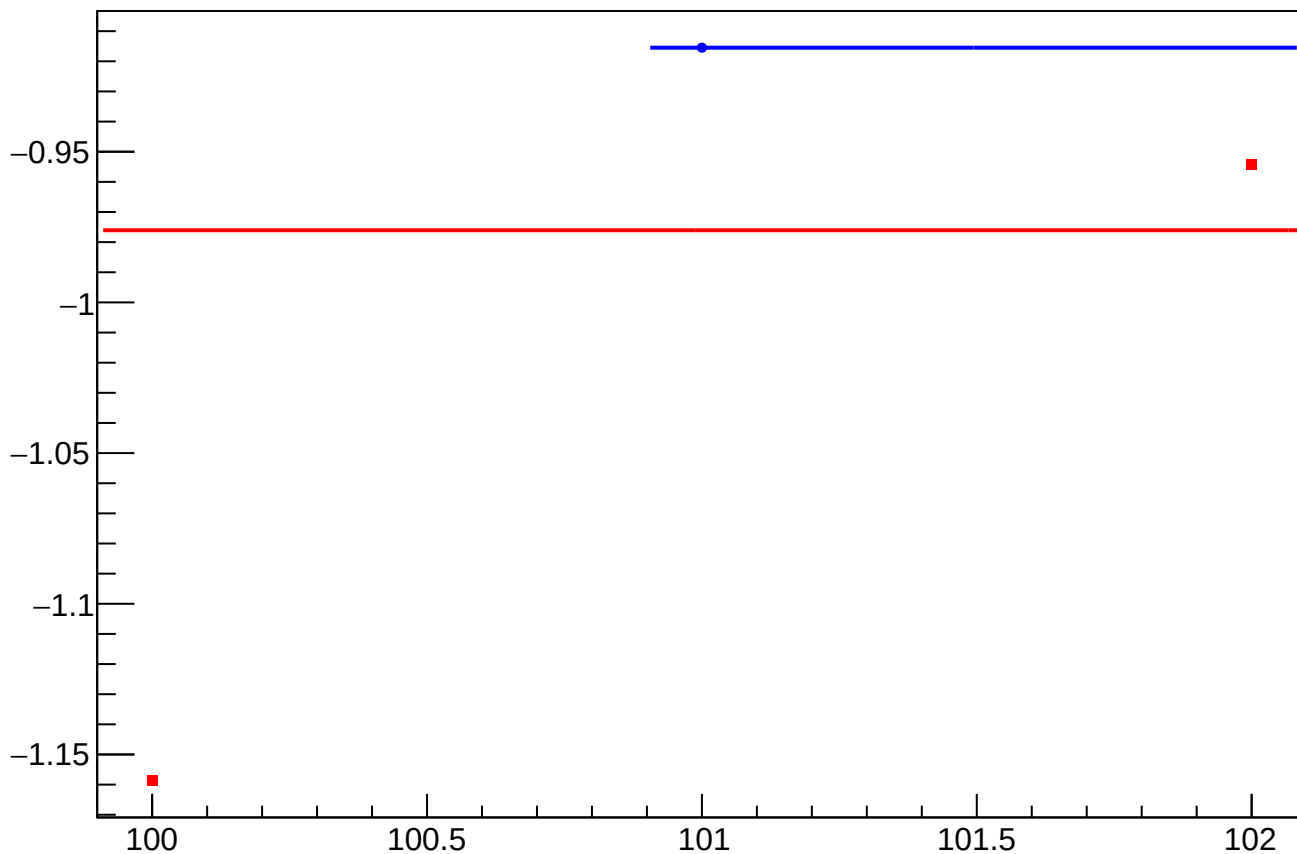
Right: 0.005+/-0.000 χ^2/NDF : 13587.3/2

In: 0.005+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 13587.3/2

yield_bpm0i07X_mean vs Slug, Sign Corrected



Right In: -0.915+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.976+/-0.000 χ^2/NDF : 143760395.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

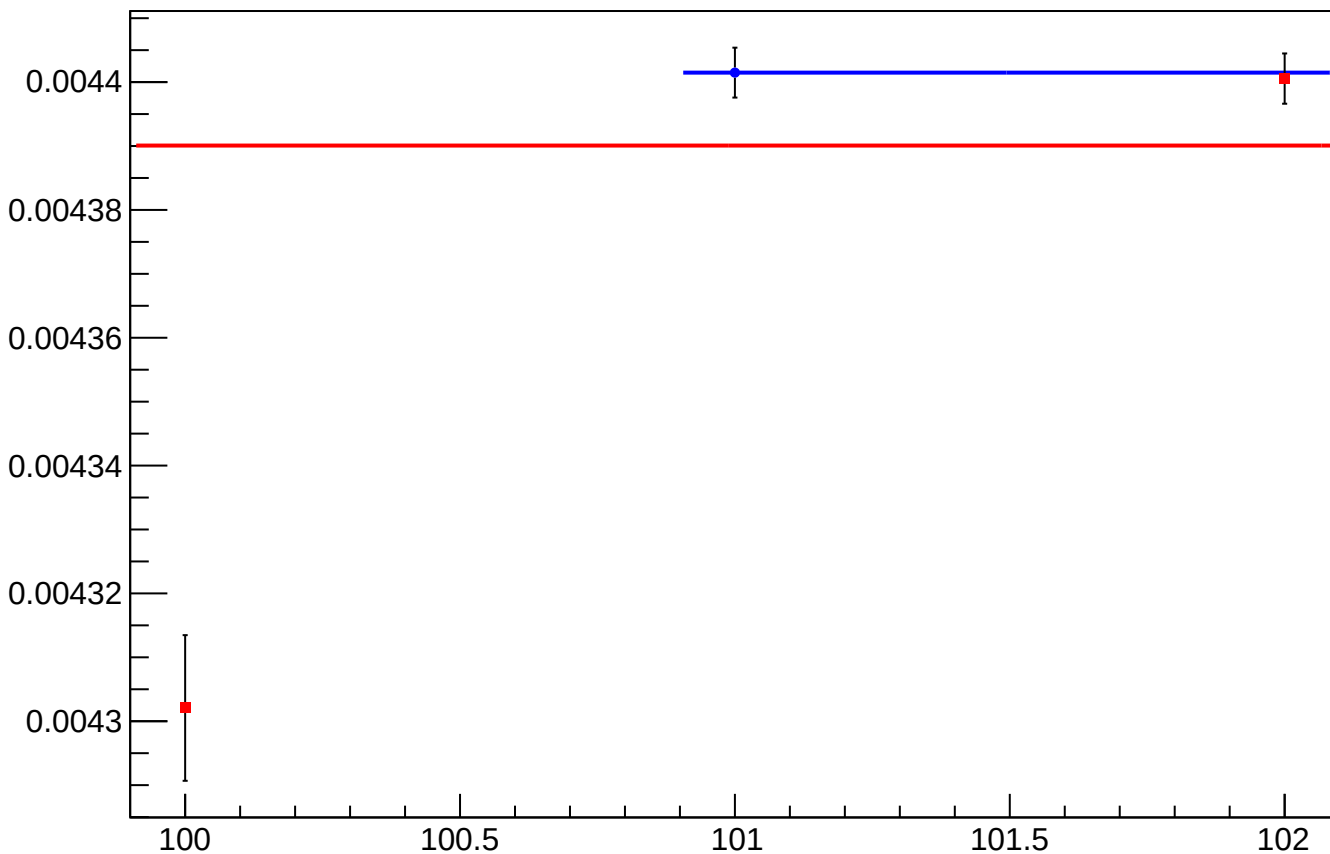
Right: -0.947+/-0.000 χ^2/NDF : 206905172.7/2

In: -0.915+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.947+/-0.000 χ^2/NDF : 206905172.7/2

yield_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.004+/-0.000 χ^2 /NDF: 66.7/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

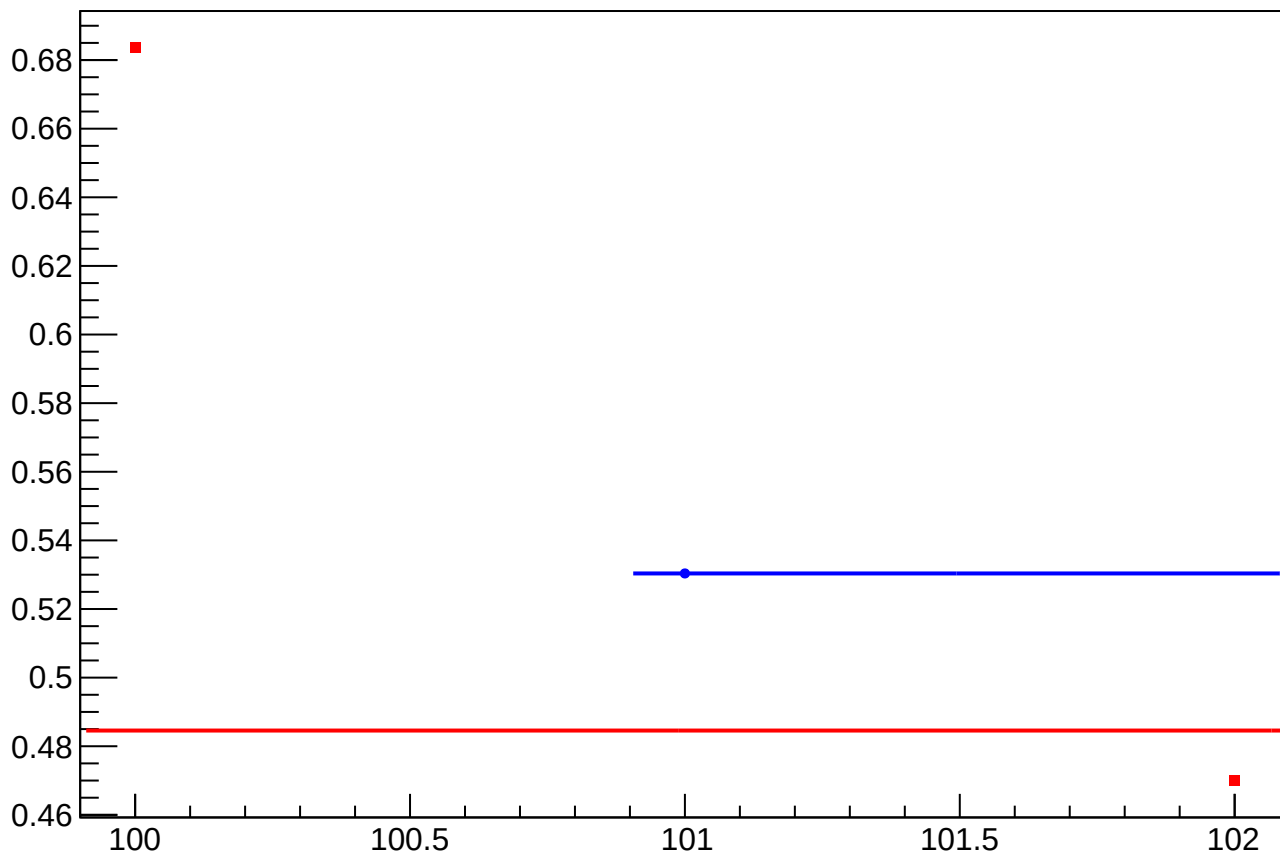
Right: 0.004+/-0.000 χ^2 /NDF: 71.2/2

In: 0.004+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.004+/-0.000 χ^2 /NDF: 71.2/2

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.530+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.485+/-0.000 χ^2/NDF : 172382146.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

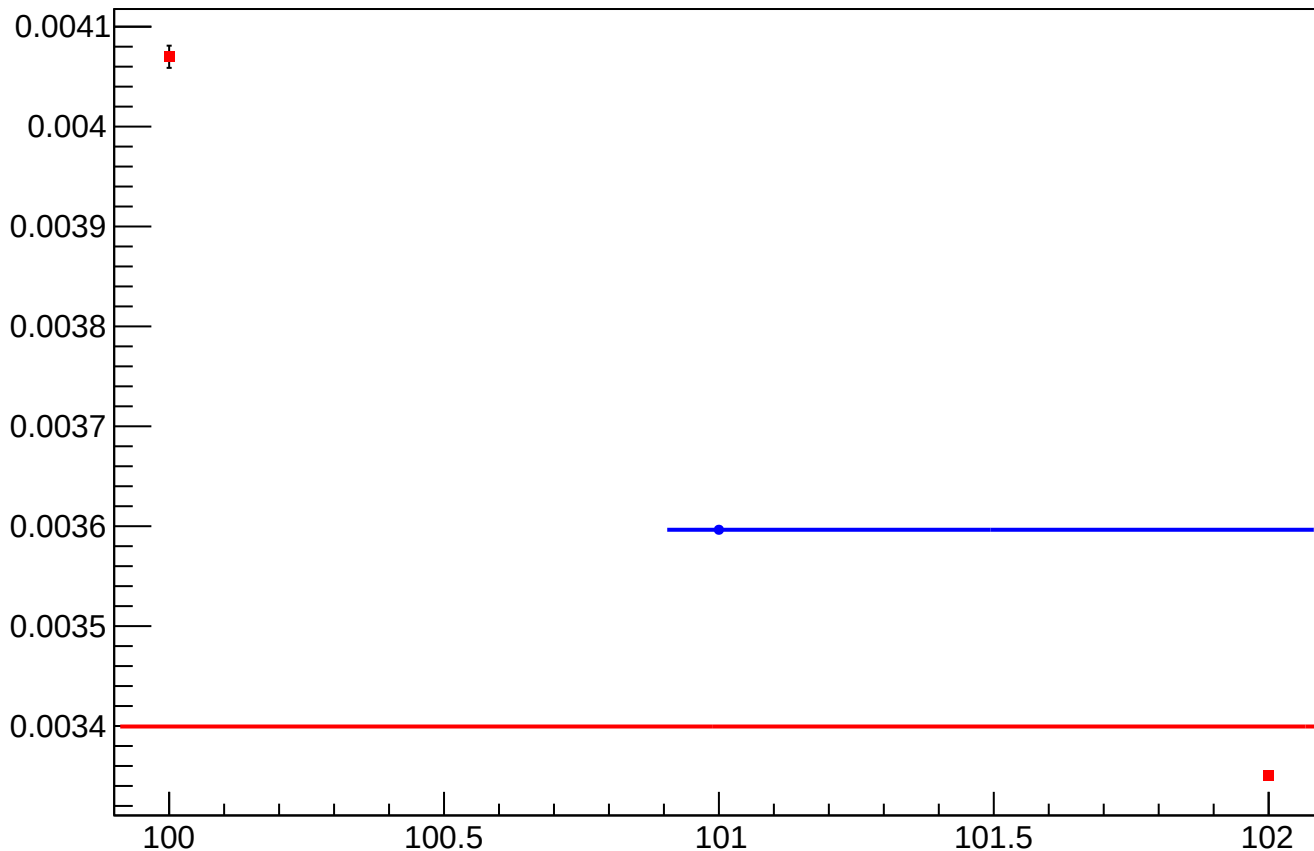
Right: 0.505+/-0.000 χ^2/NDF : 228397722.5/2

In: 0.530+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.505+/-0.000 χ^2/NDF : 228397722.5/2

yield_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 3912.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

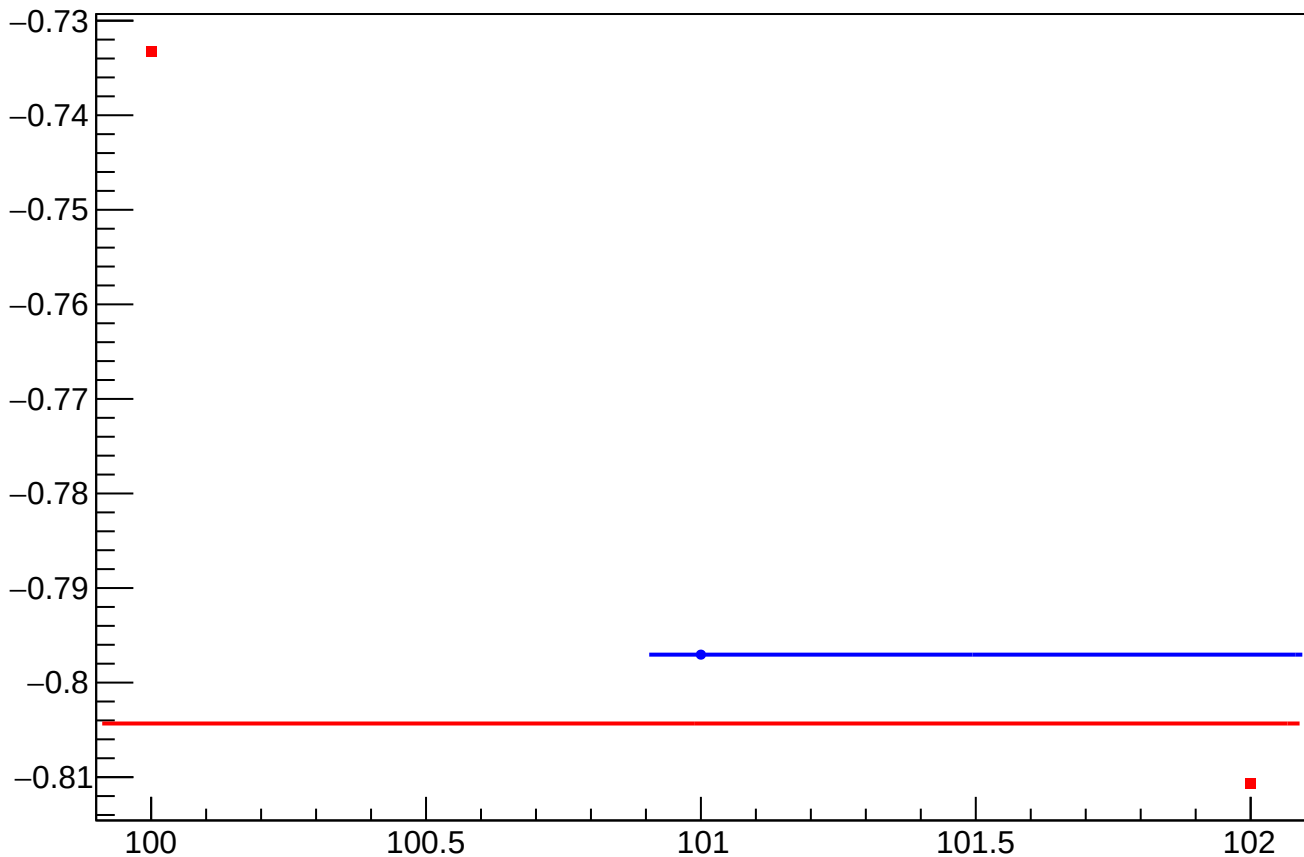
Right: 0.003+/-0.000 χ^2/NDF : 5984.5/2

In: 0.004+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 5984.5/2

yield_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -0.797+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.804+/-0.000 χ^2/NDF : 2246385.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

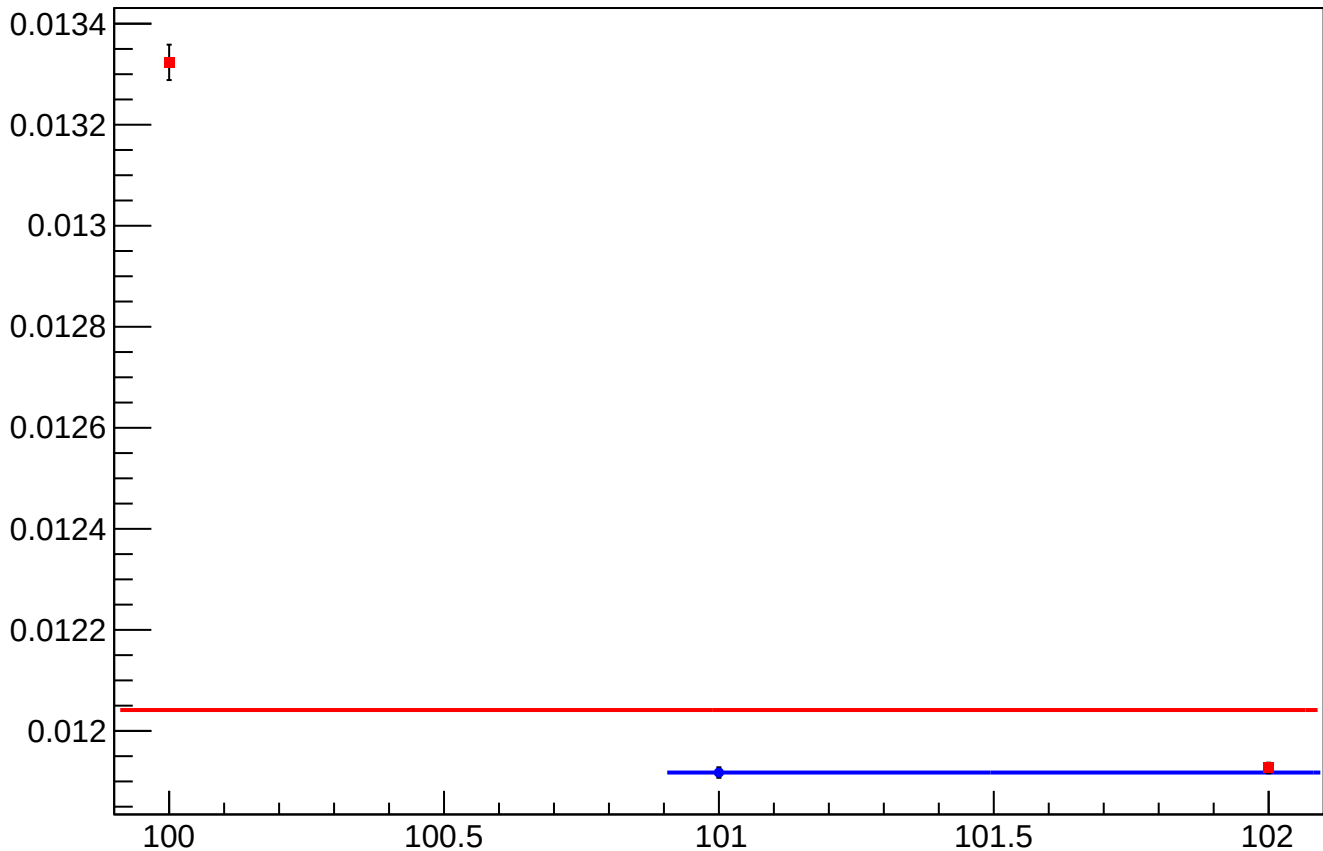
Right: -0.801+/-0.000 χ^2/NDF : 2373310.1/2

In: -0.797+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.801+/-0.000 χ^2/NDF : 2373310.1/2

yield_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 1460.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

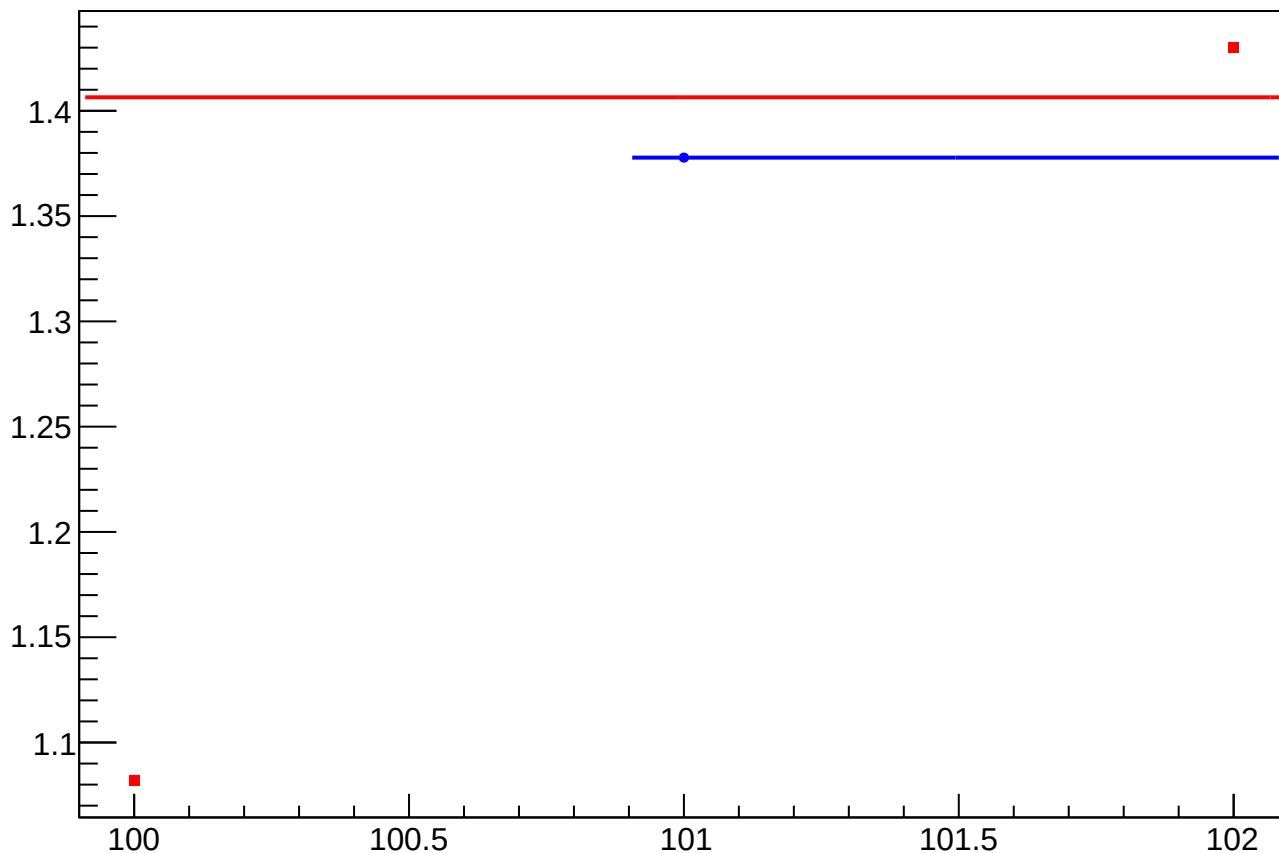
Right: 0.012+/-0.000 χ^2/NDF : 1534.0/2

In: 0.012+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 1534.0/2

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.378+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.406+/-0.000 χ^2/NDF : 155438711.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

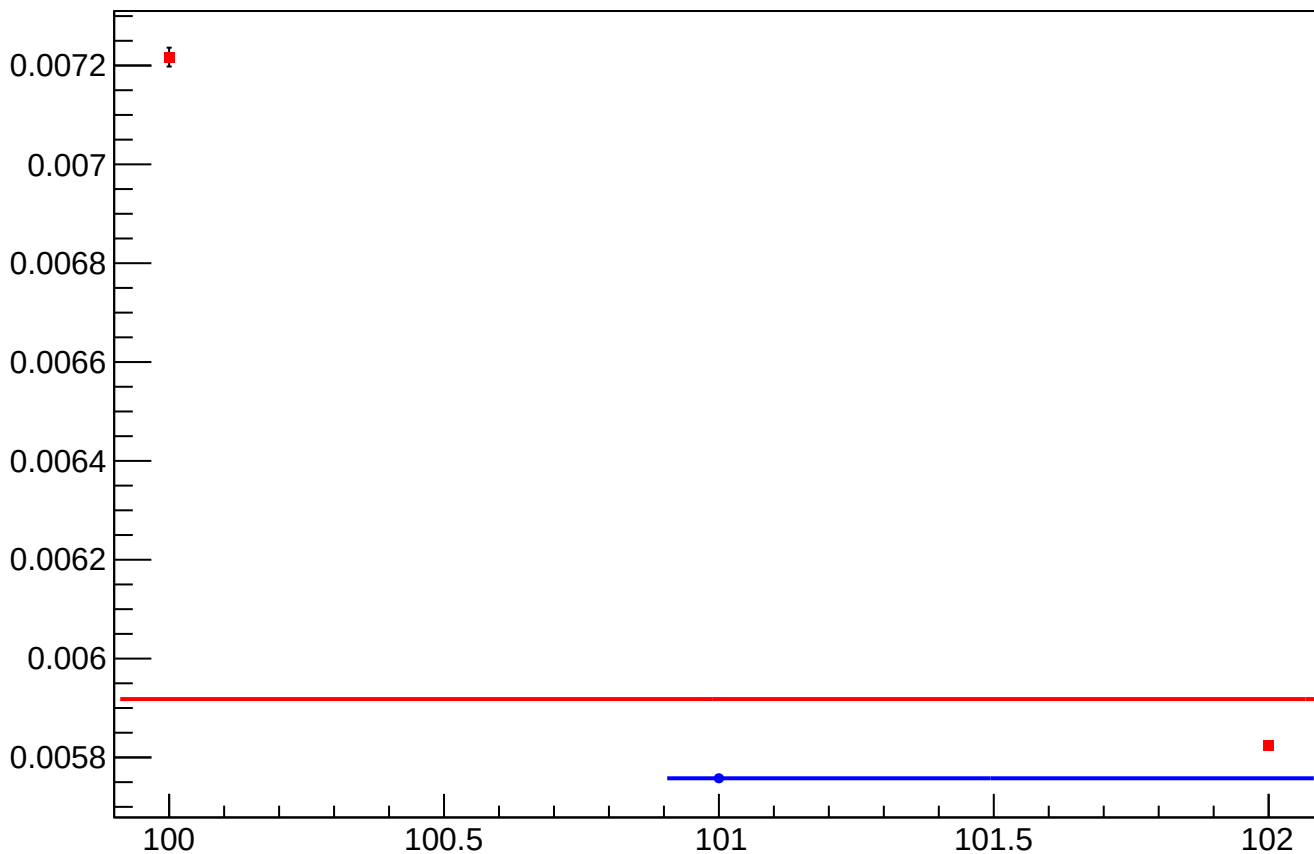
Right: 1.392+/-0.000 χ^2/NDF : 163590257.9/2

In: 1.378+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.392+/-0.000 χ^2/NDF : 163590257.9/2

yield_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 4978.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

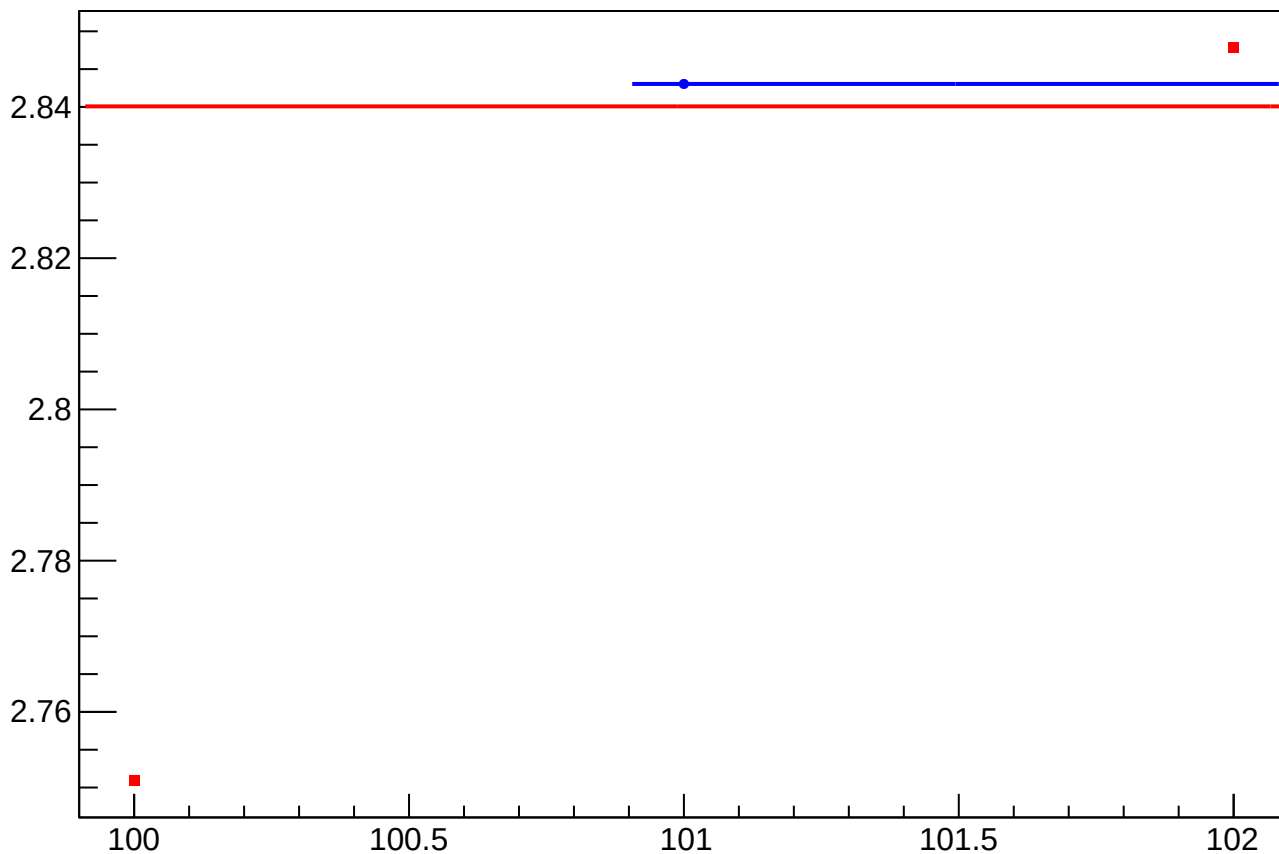
Right: 0.006+/-0.000 χ^2/NDF : 5489.2/2

In: 0.006+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 5489.2/2

yield_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 2.843+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.840+/-0.000 χ^2/NDF : 7532428.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

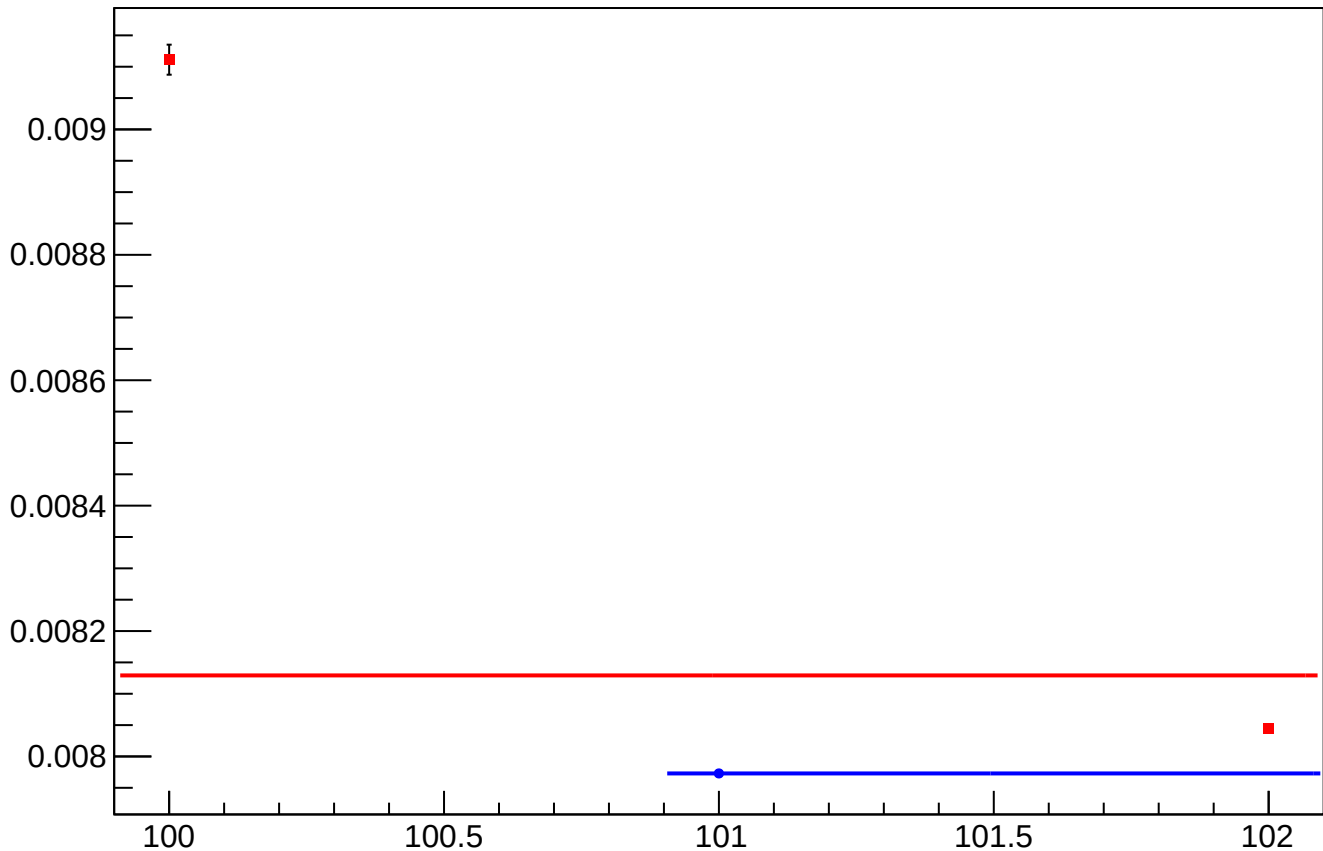
Right: 2.842+/-0.000 χ^2/NDF : 7579087.9/2

In: 2.843+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.842+/-0.000 χ^2/NDF : 7579087.9/2

yield_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 1827.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

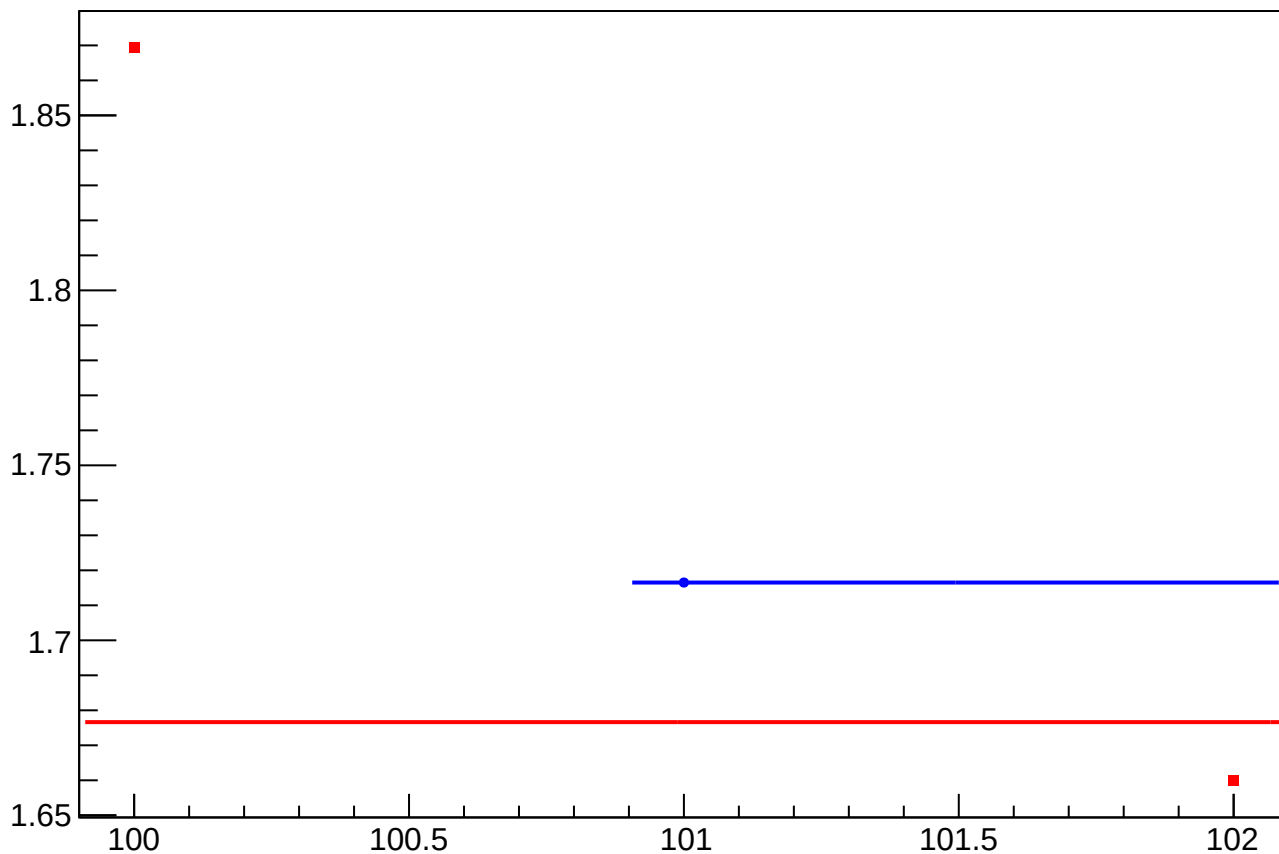
Right: 0.008+/-0.000 χ^2/NDF : 2087.0/2

In: 0.008+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 2087.0/2

yield_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 1.717+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.677+/-0.000 χ^2/NDF : 88354840.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

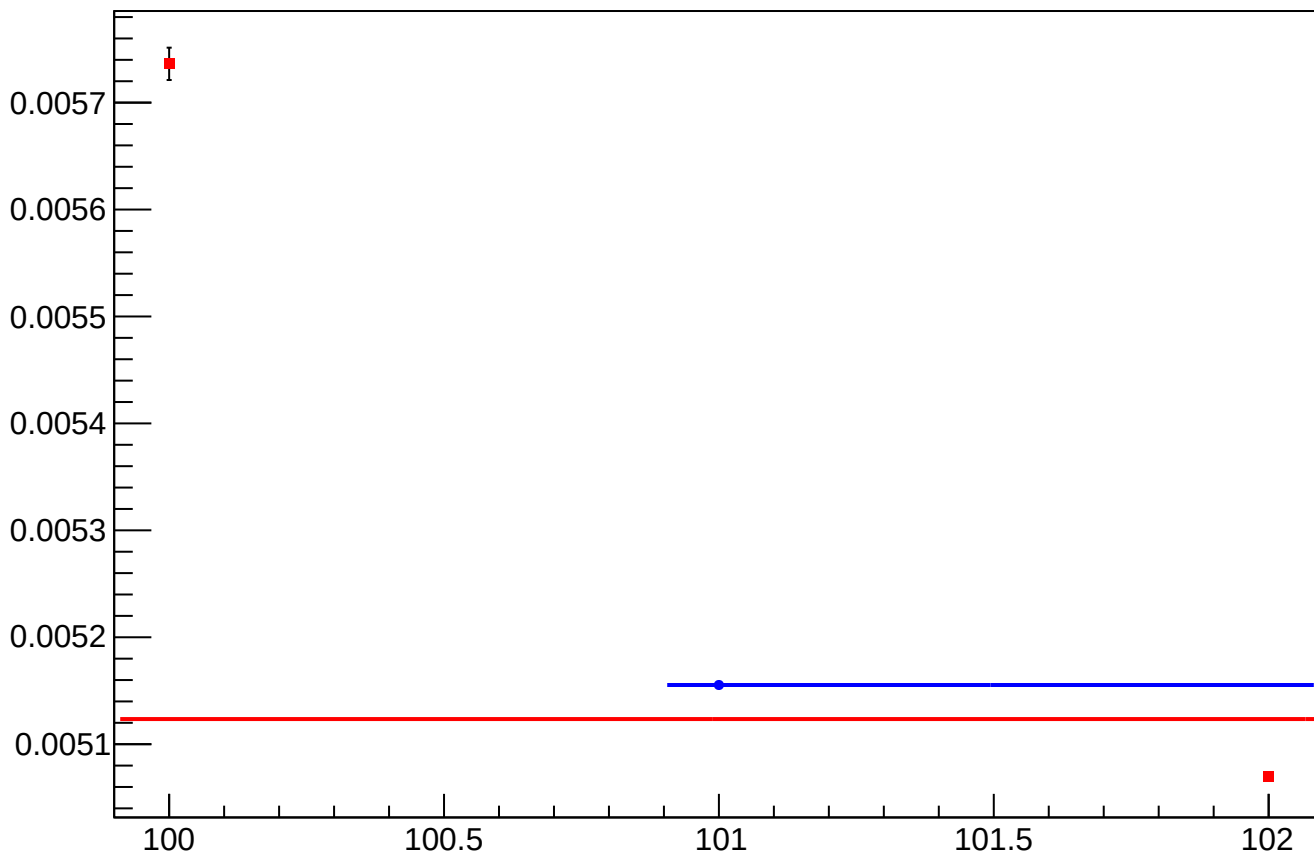
Right: 1.695+/-0.000 χ^2/NDF : 108930898.8/2

In: 1.717+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.695+/-0.000 χ^2/NDF : 108930898.8/2

yield_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1786.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

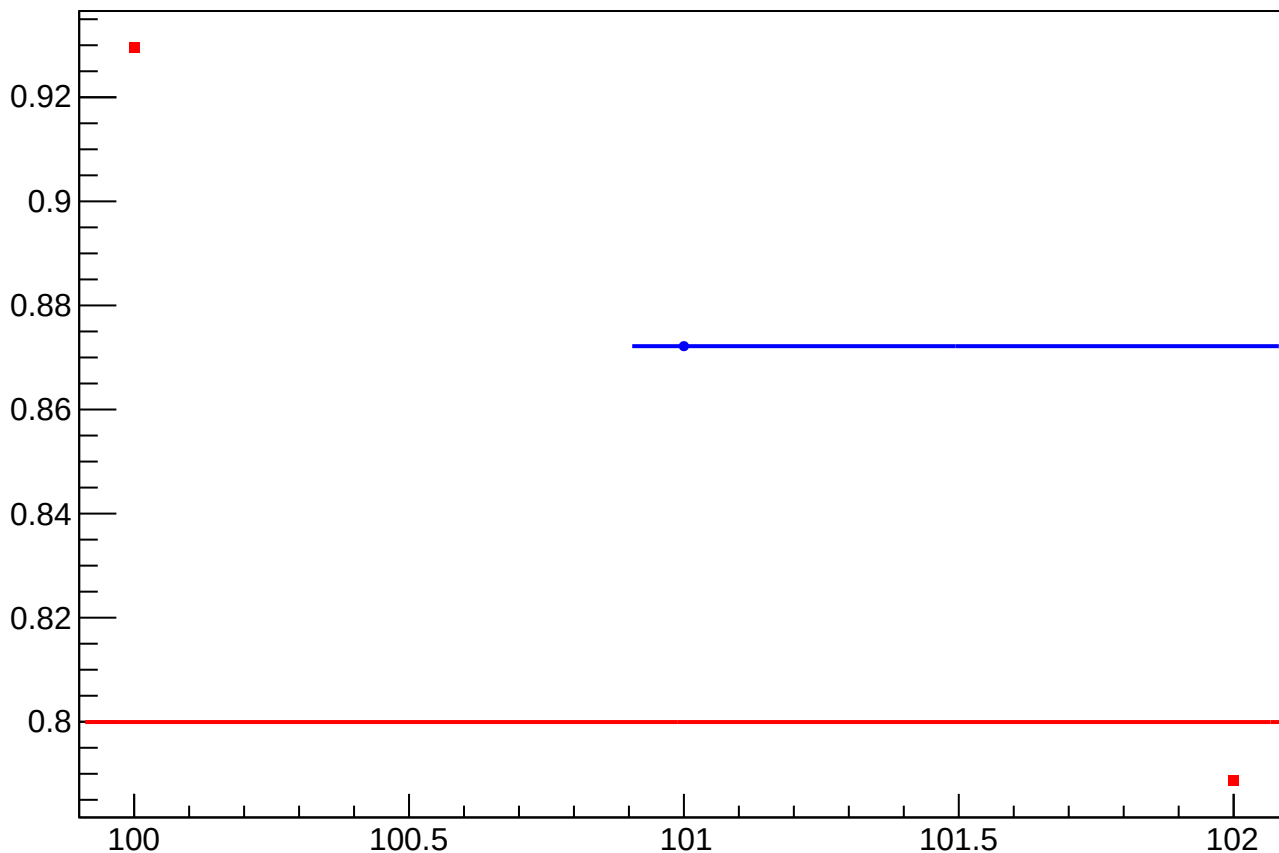
Right: 0.005+/-0.000 χ^2/NDF : 1812.9/2

In: 0.005+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1812.9/2

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.872+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.800+/-0.000 χ^2/NDF : 5119827.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

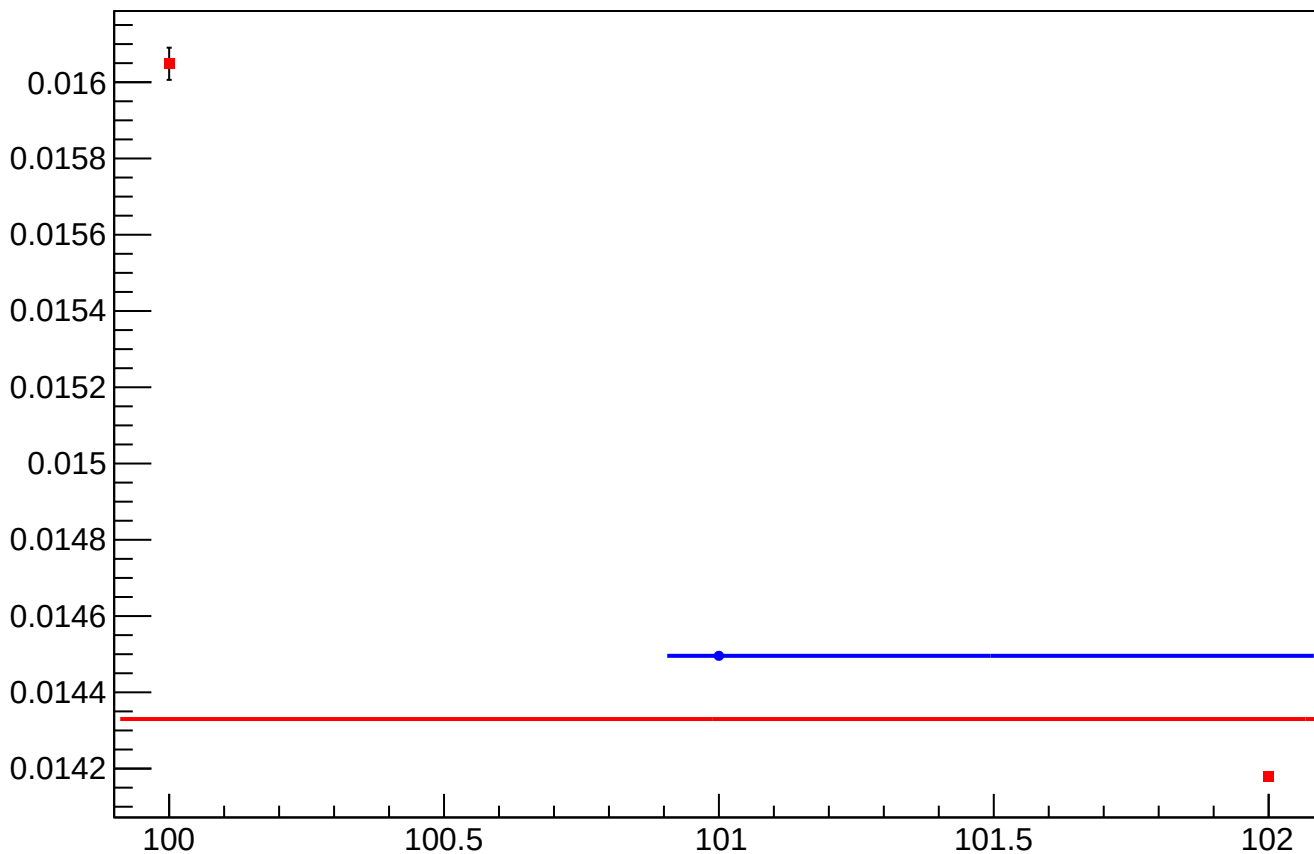
Right: 0.834+/-0.000 χ^2/NDF : 13730656.2/2

In: 0.872+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.834+/-0.000 χ^2/NDF : 13730656.2/2

yield_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 1802.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

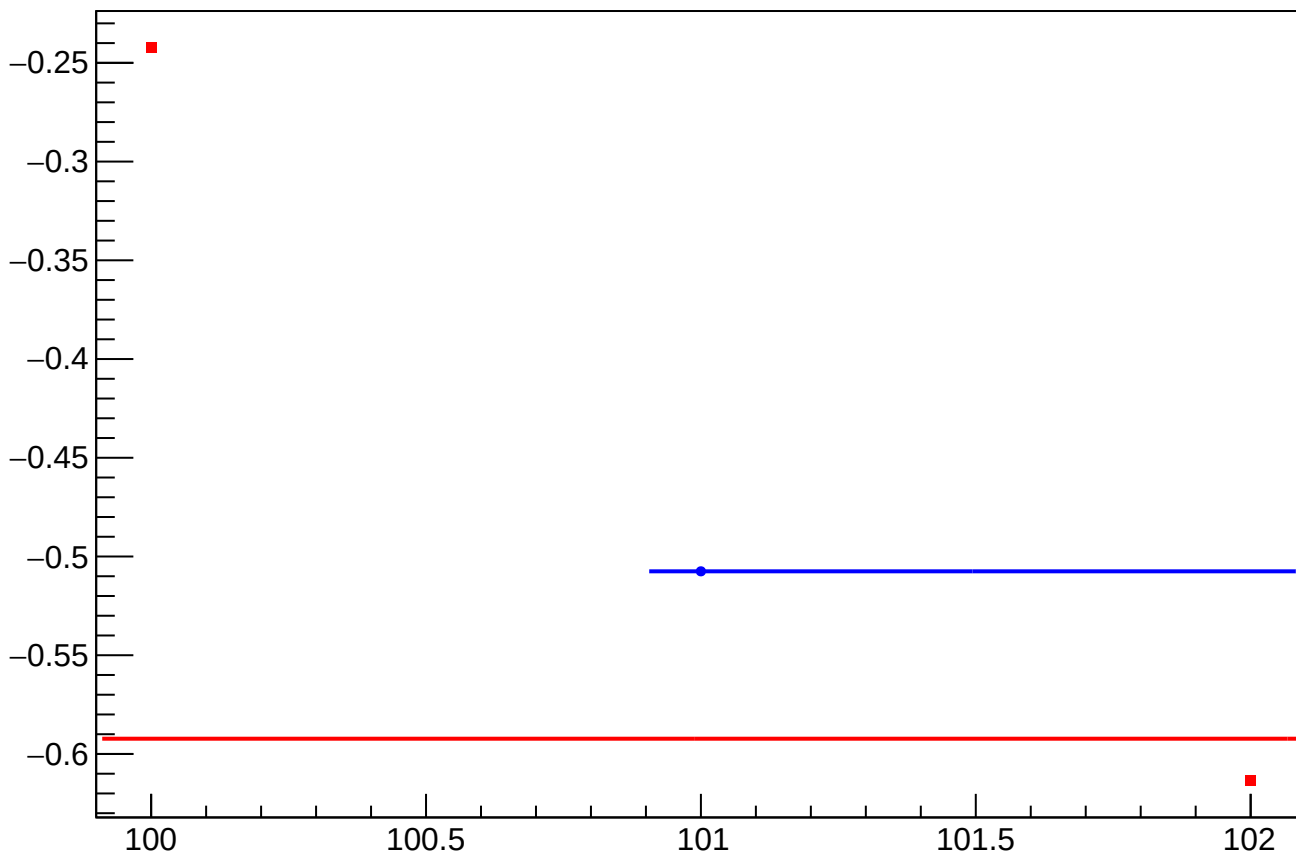
Right: 0.014+/-0.000 χ^2/NDF : 1892.9/2

In: 0.014+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 1892.9/2

yield_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: -0.508+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.592+/-0.000 χ^2/NDF : 371642132.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

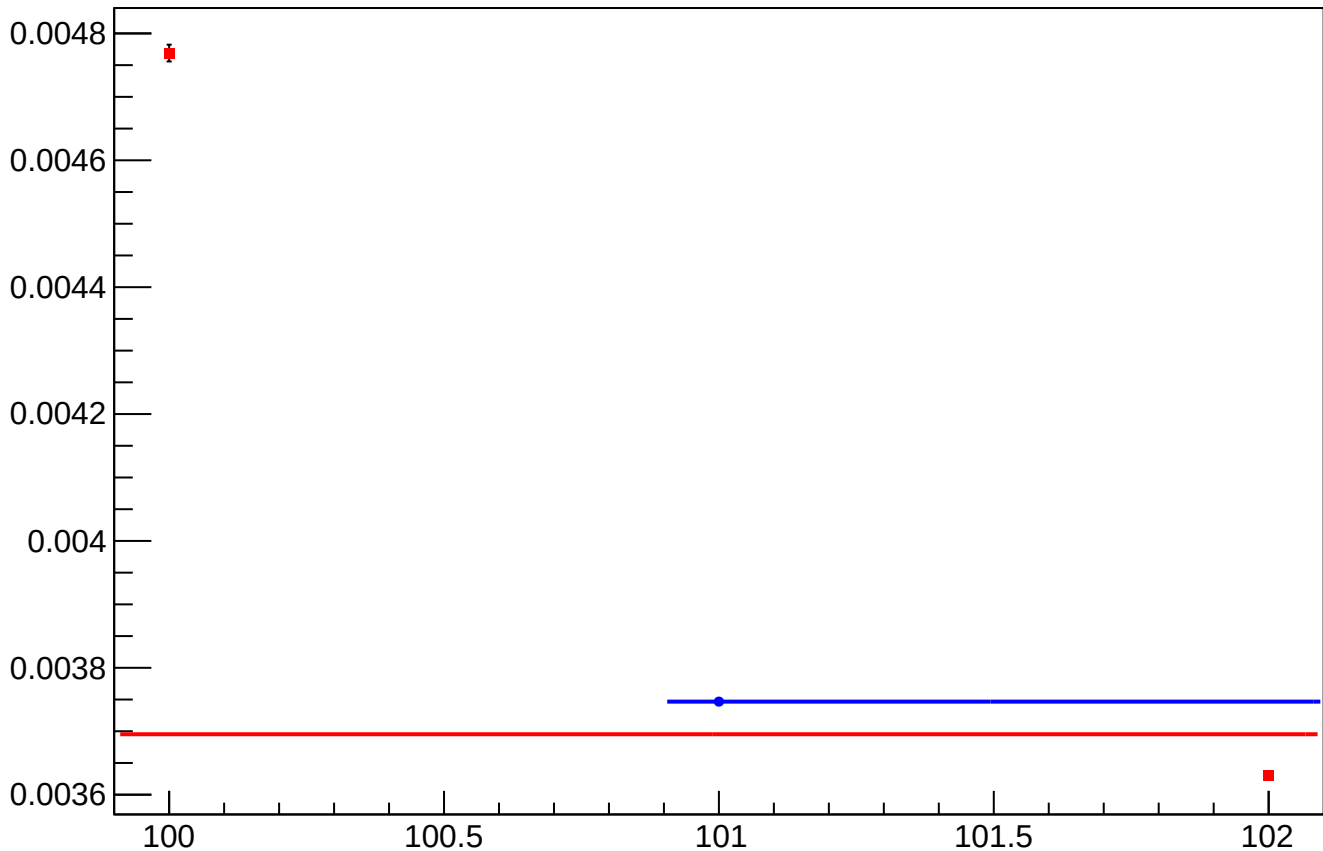
Right: -0.553+/-0.000 χ^2/NDF : 535730795.3/2

In: -0.508+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.553+/-0.000 χ^2/NDF : 535730795.3/2

yield_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 6998.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

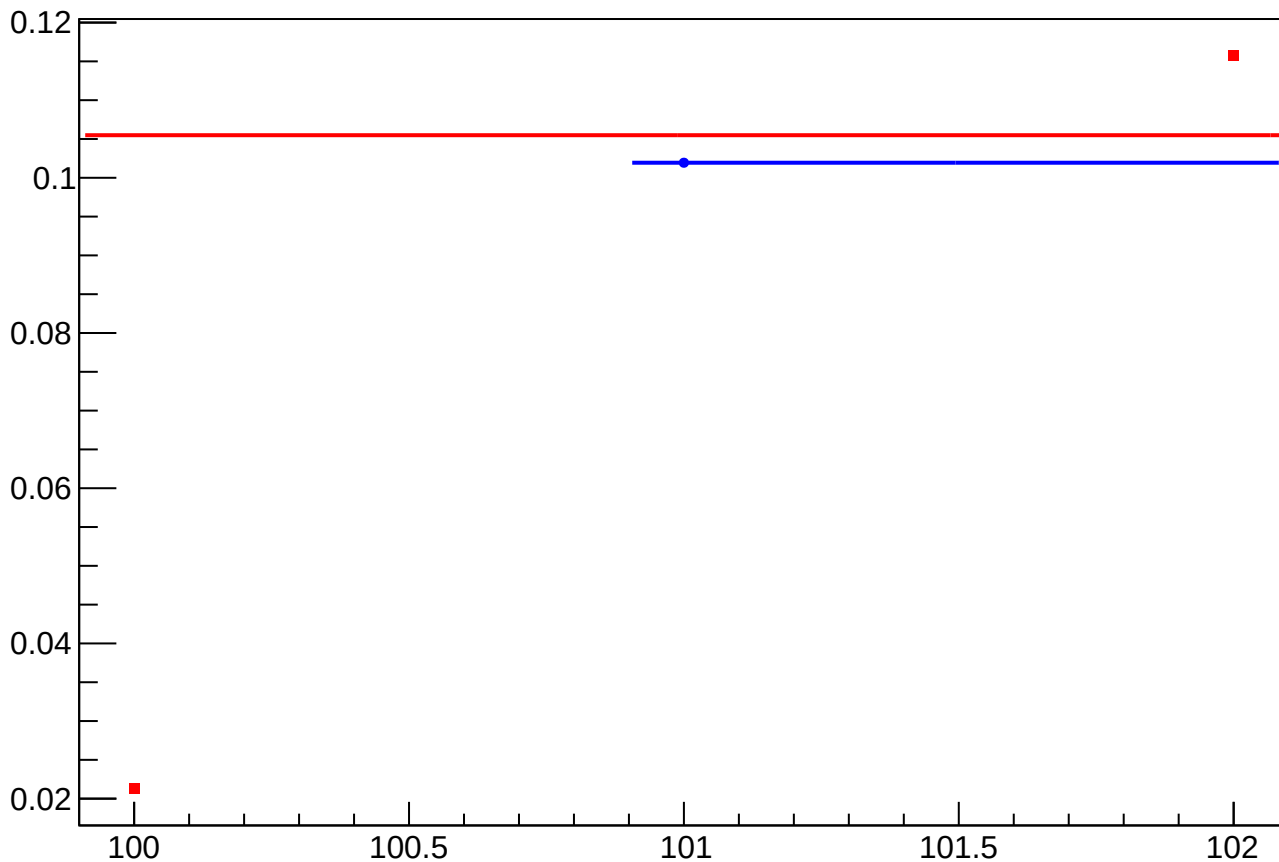
Right: 0.004+/-0.000 χ^2/NDF : 7119.1/2

In: 0.004+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 7119.1/2

yield_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 0.102+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.105+/-0.000 χ^2/NDF : 304645529.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

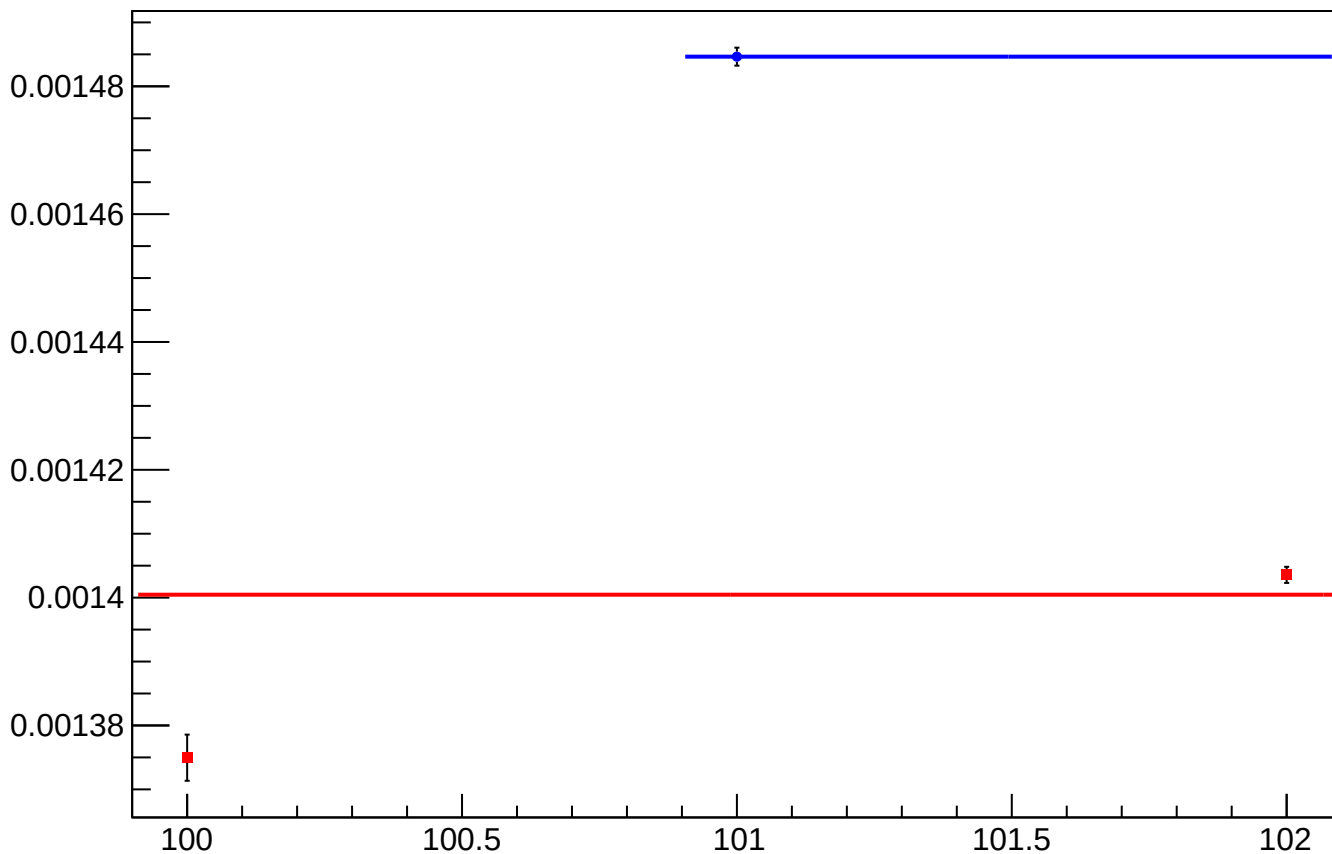
Right: 0.104+/-0.000 χ^2/NDF : 306496818.8/2

In: 0.102+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.104+/-0.000 χ^2/NDF : 306496818.8/2

yield_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 55.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

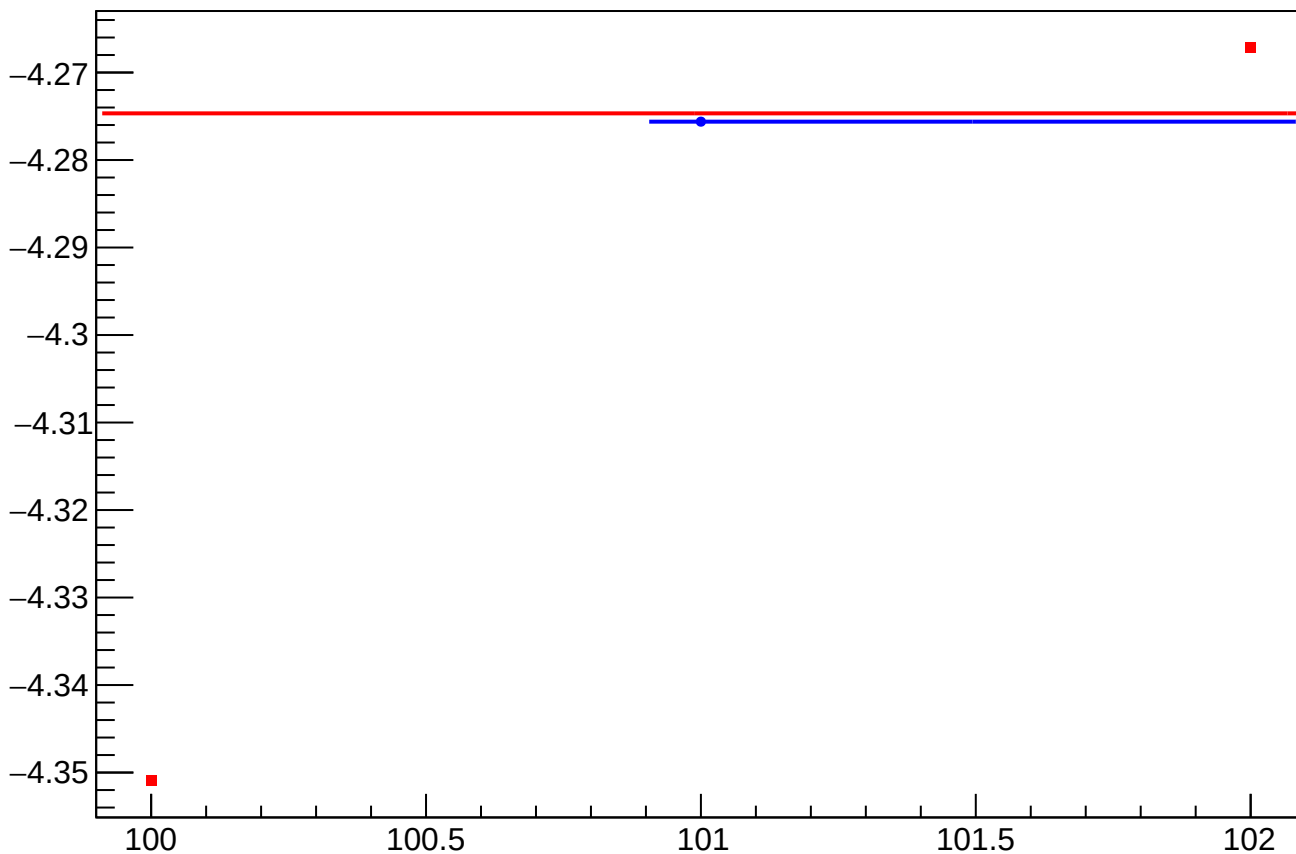
Right: 0.001+/-0.000 χ^2/NDF : 2142.3/2

In: 0.001+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2142.3/2

yield_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -4.276+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.275+/-0.000 χ^2/NDF : 102850311.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

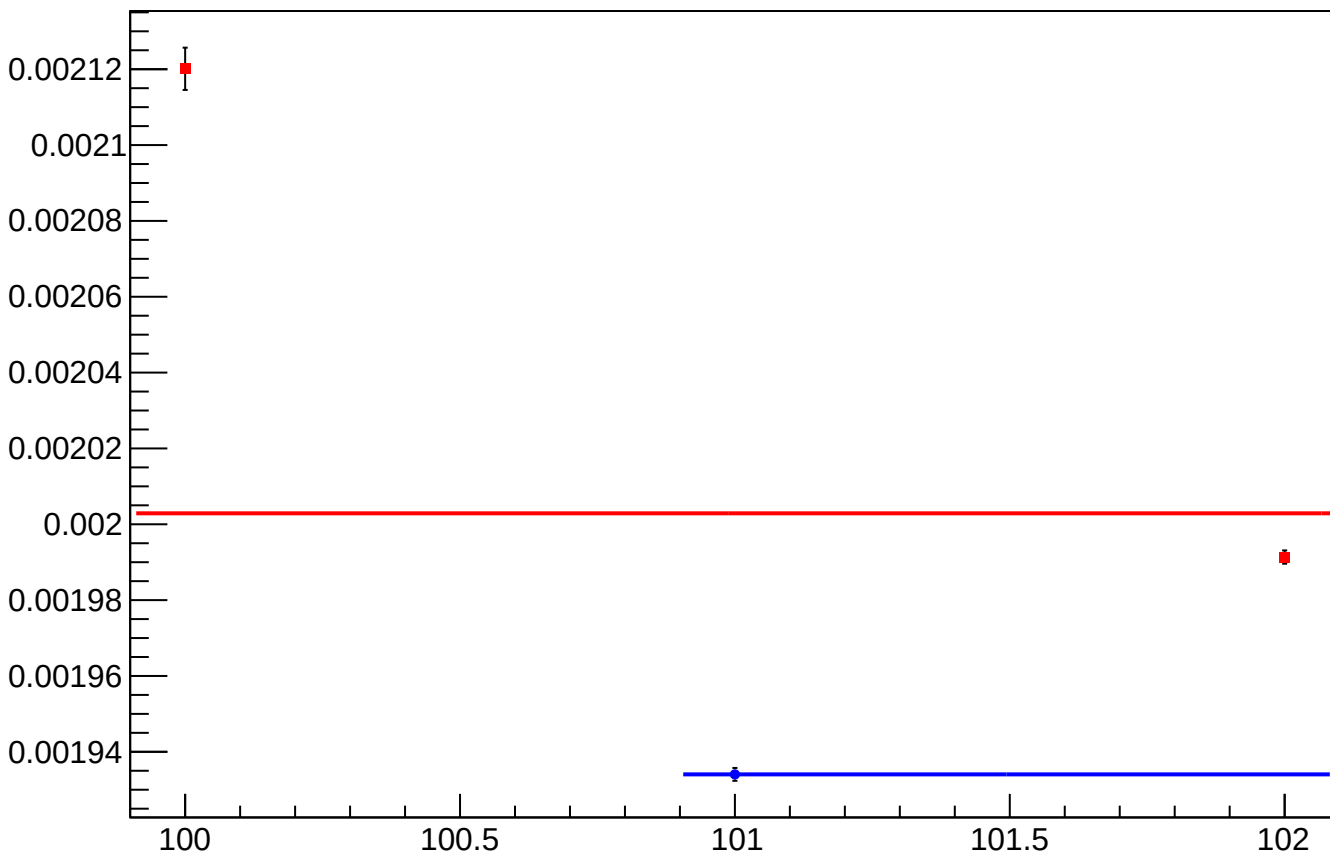
Right: -4.275+/-0.000 χ^2/NDF : 102929941.7/2

In: -4.276+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.275+/-0.000 χ^2/NDF : 102929941.7/2

yield_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 485.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

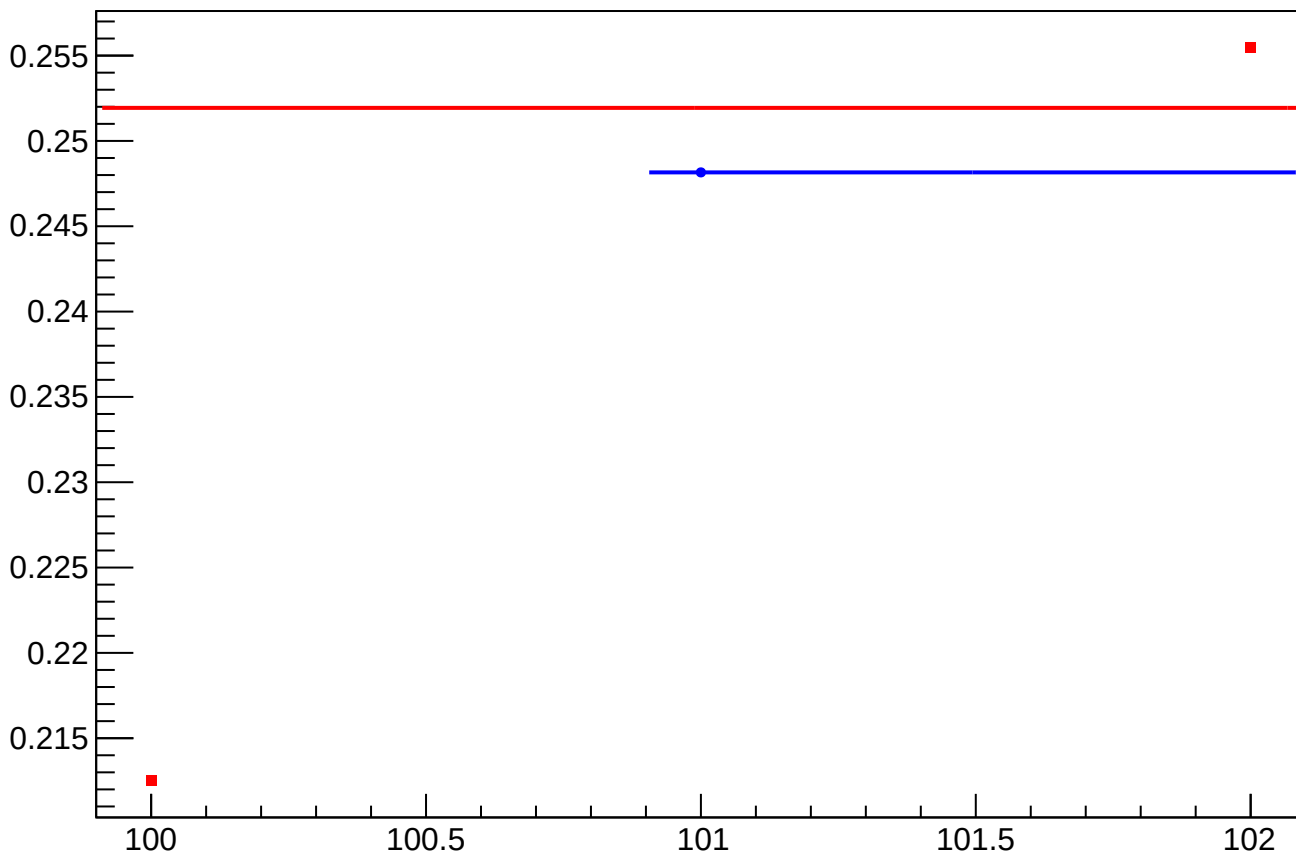
Right: 0.002+/-0.000 χ^2/NDF : 1324.4/2

In: 0.002+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1324.4/2

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 0.248 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.252 $\pm$ 0.000 χ^2 /NDF: 1297948.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

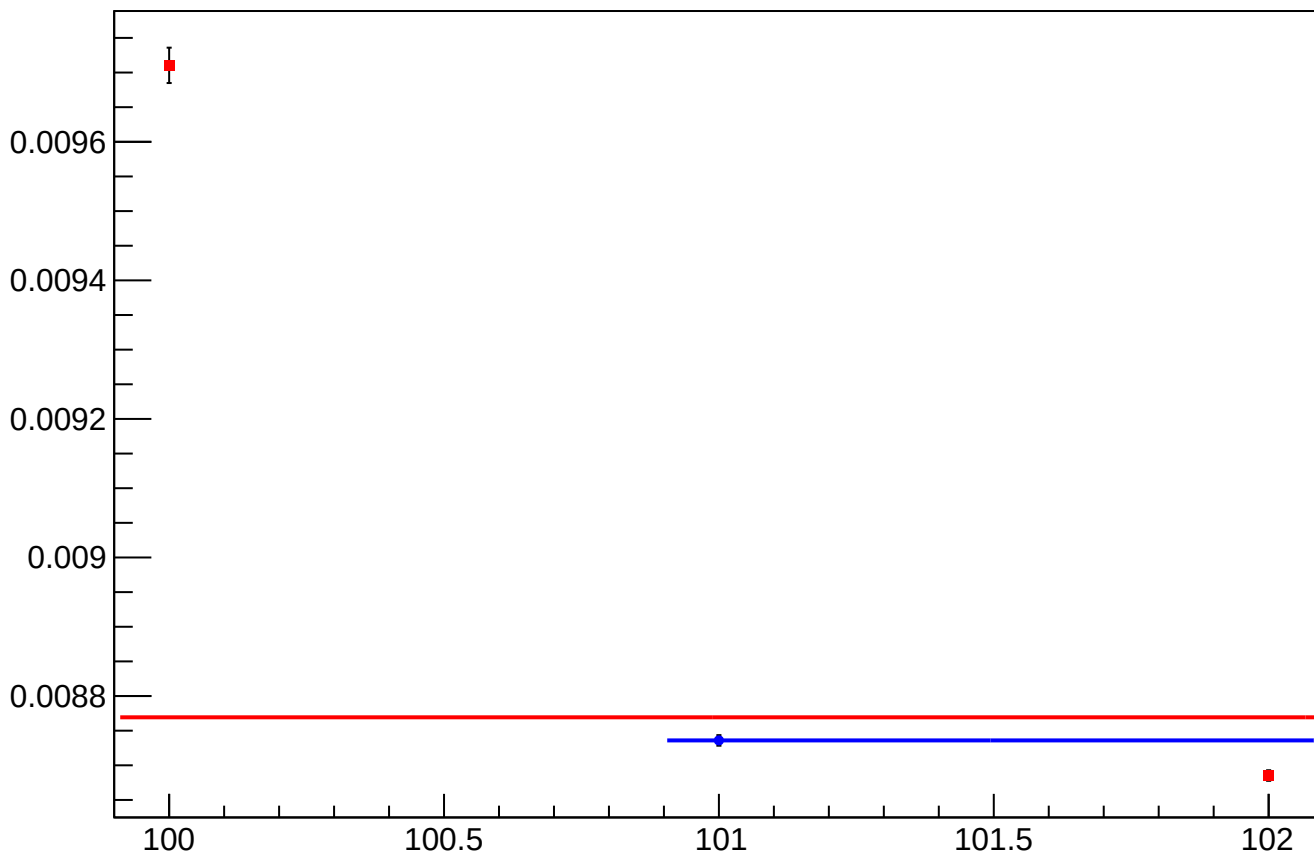
Right: 0.250 $\pm$ 0.000 χ^2 /NDF: 1361993.5/2

In: 0.248 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.250 $\pm$ 0.000 χ^2 /NDF: 1361993.5/2

yield_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 1481.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

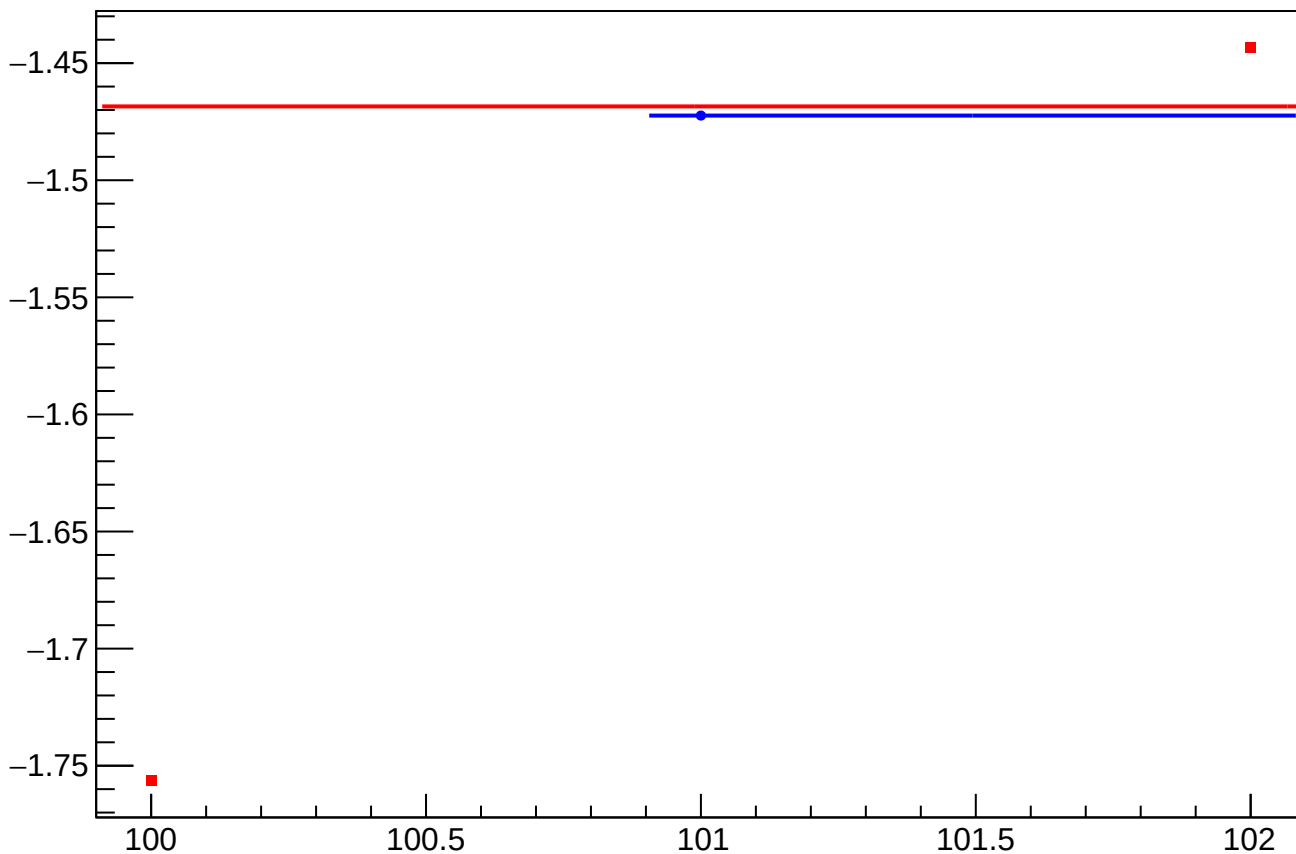
Right: 0.009+/-0.000 χ^2/NDF : 1491.2/2

In: 0.009+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 1491.2/2

yield_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -1.472+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.468+/-0.000 χ^2/NDF : 157822606.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

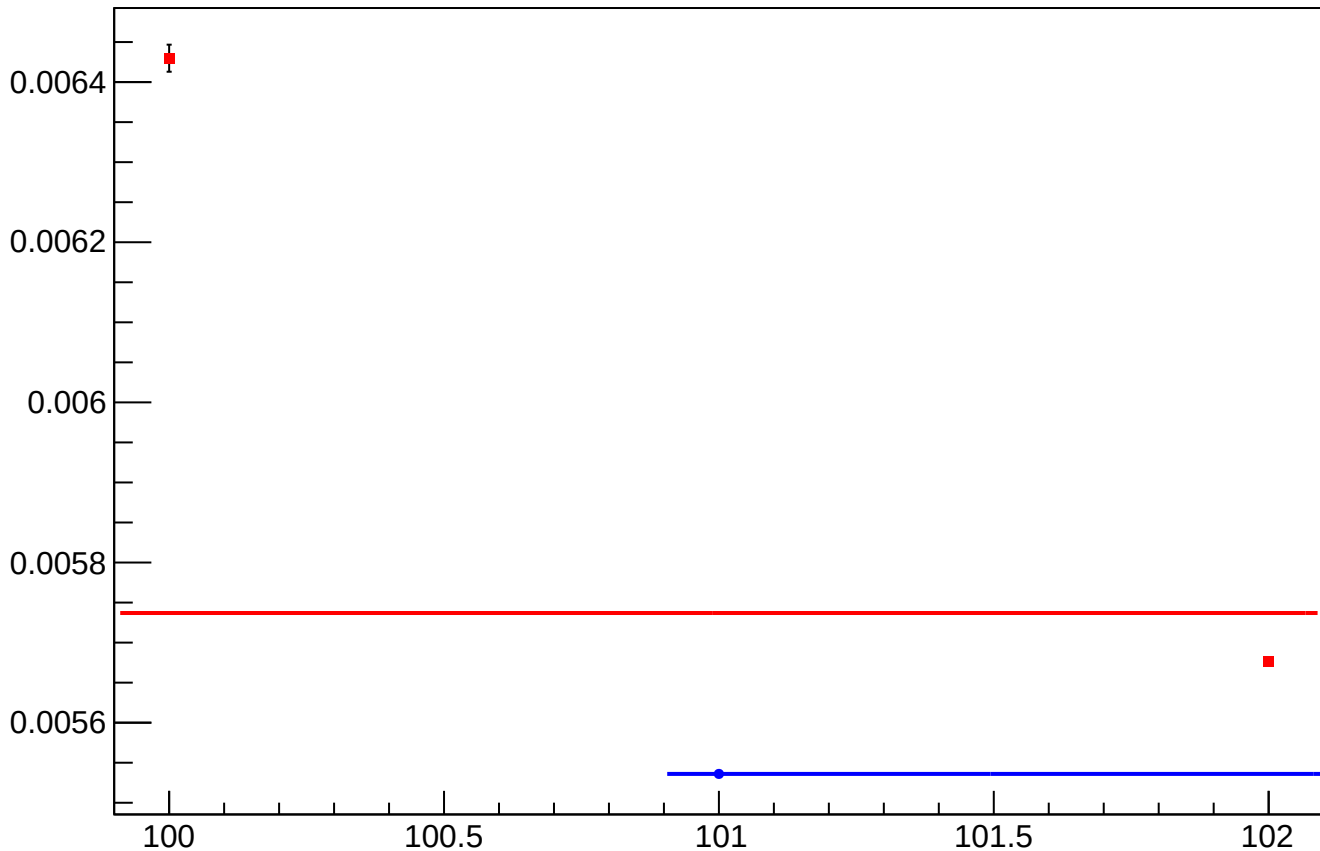
Right: -1.470+/-0.000 χ^2/NDF : 157987655.7/2

In: -1.472+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.470+/-0.000 χ^2/NDF : 157987655.7/2

yield_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1827.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

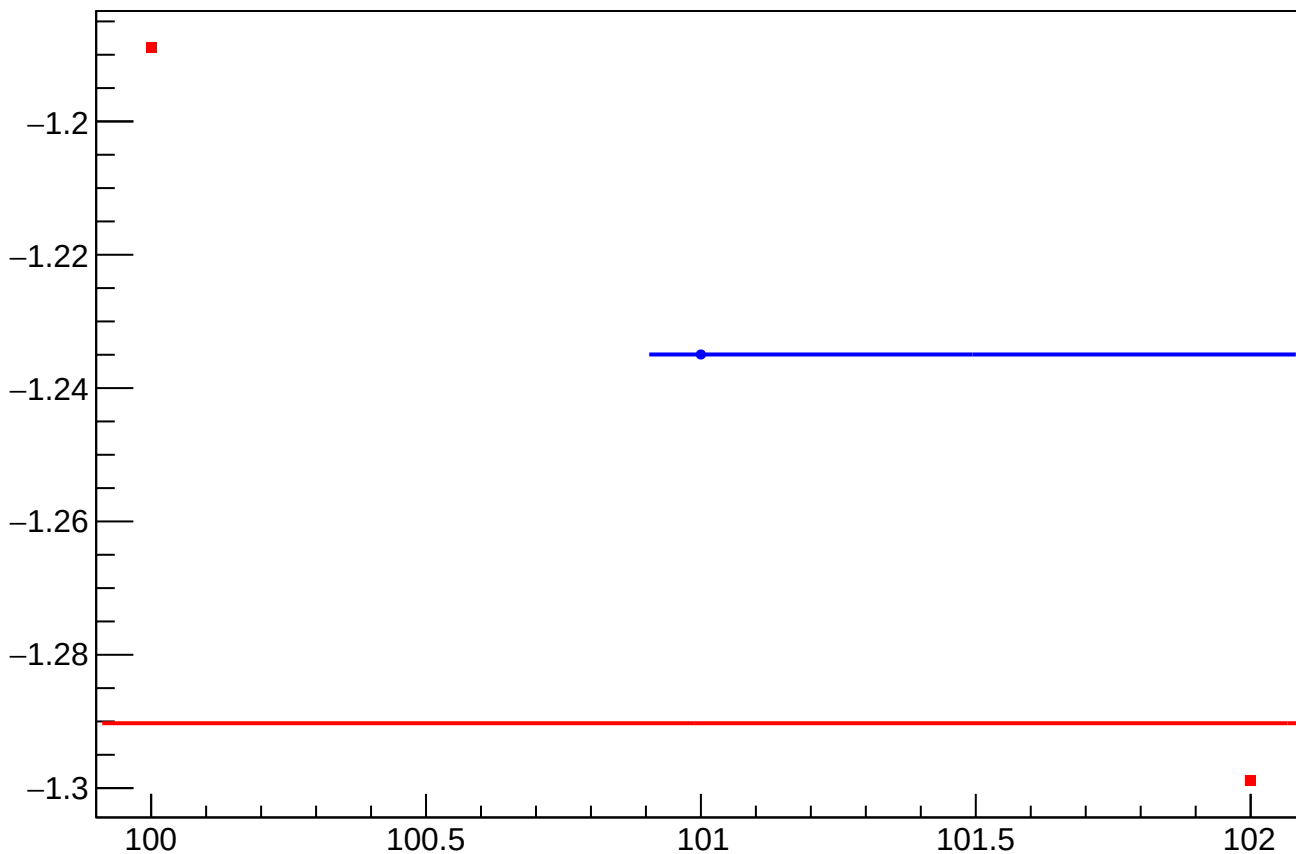
Right: 0.006+/-0.000 χ^2/NDF : 2698.0/2

In: 0.006+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 2698.0/2

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -1.235+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.290+/-0.000 χ^2/NDF : 6596303.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

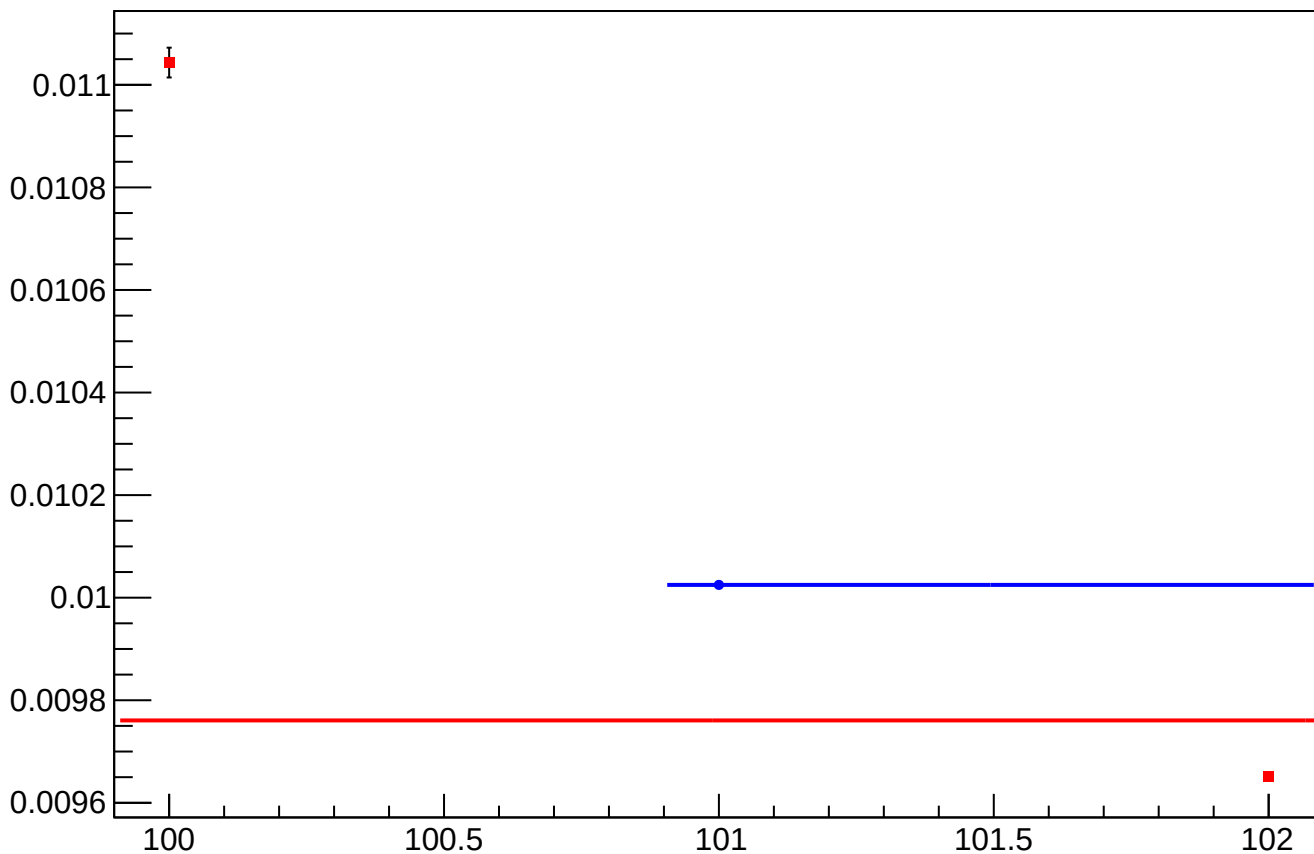
Right: -1.265+/-0.000 χ^2/NDF : 17280477.7/2

In: -1.235+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.265+/-0.000 χ^2/NDF : 17280477.7/2

yield_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 2116.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

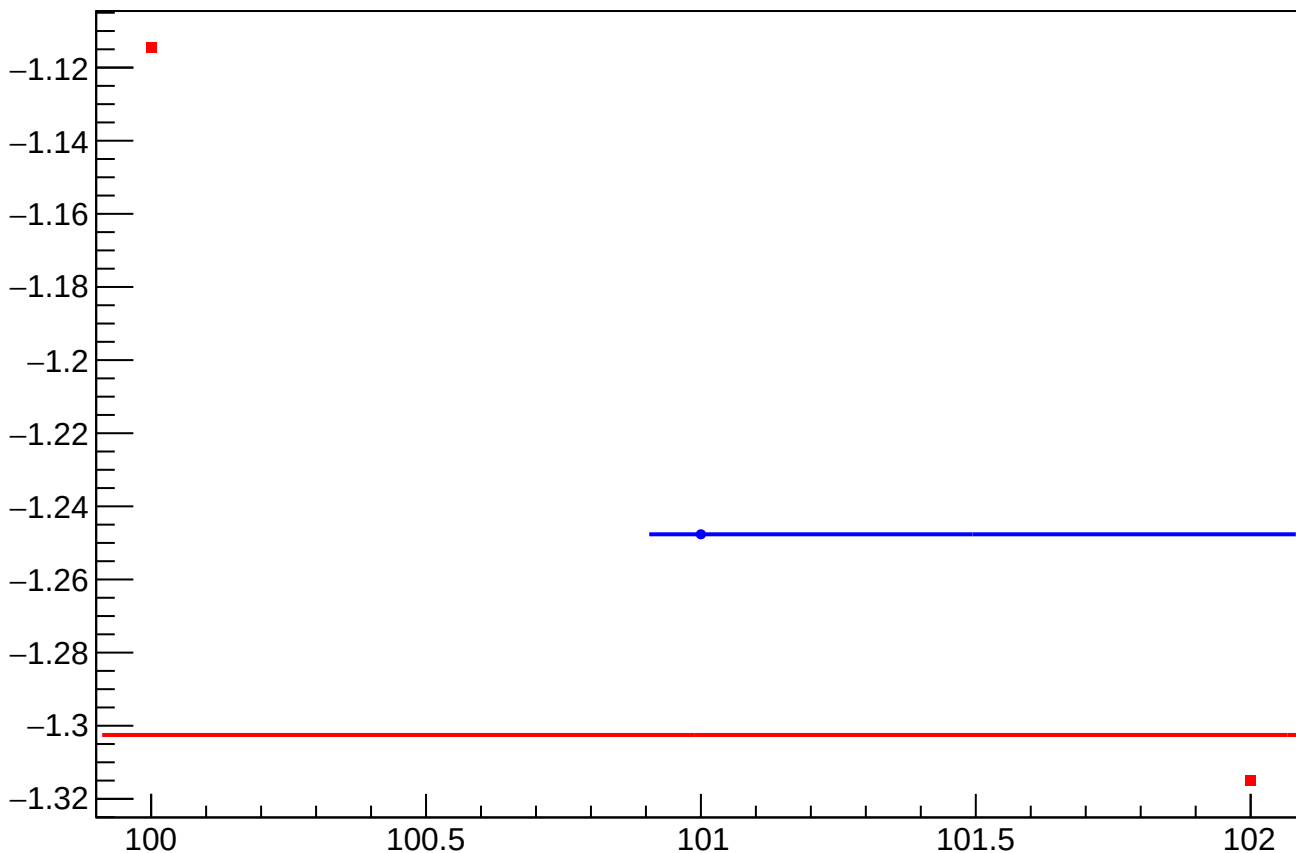
Right: 0.010+/-0.000 χ^2/NDF : 2604.0/2

In: 0.010+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 2604.0/2

yield_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: -1.248+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.303+/-0.000 χ^2/NDF : 684103462.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

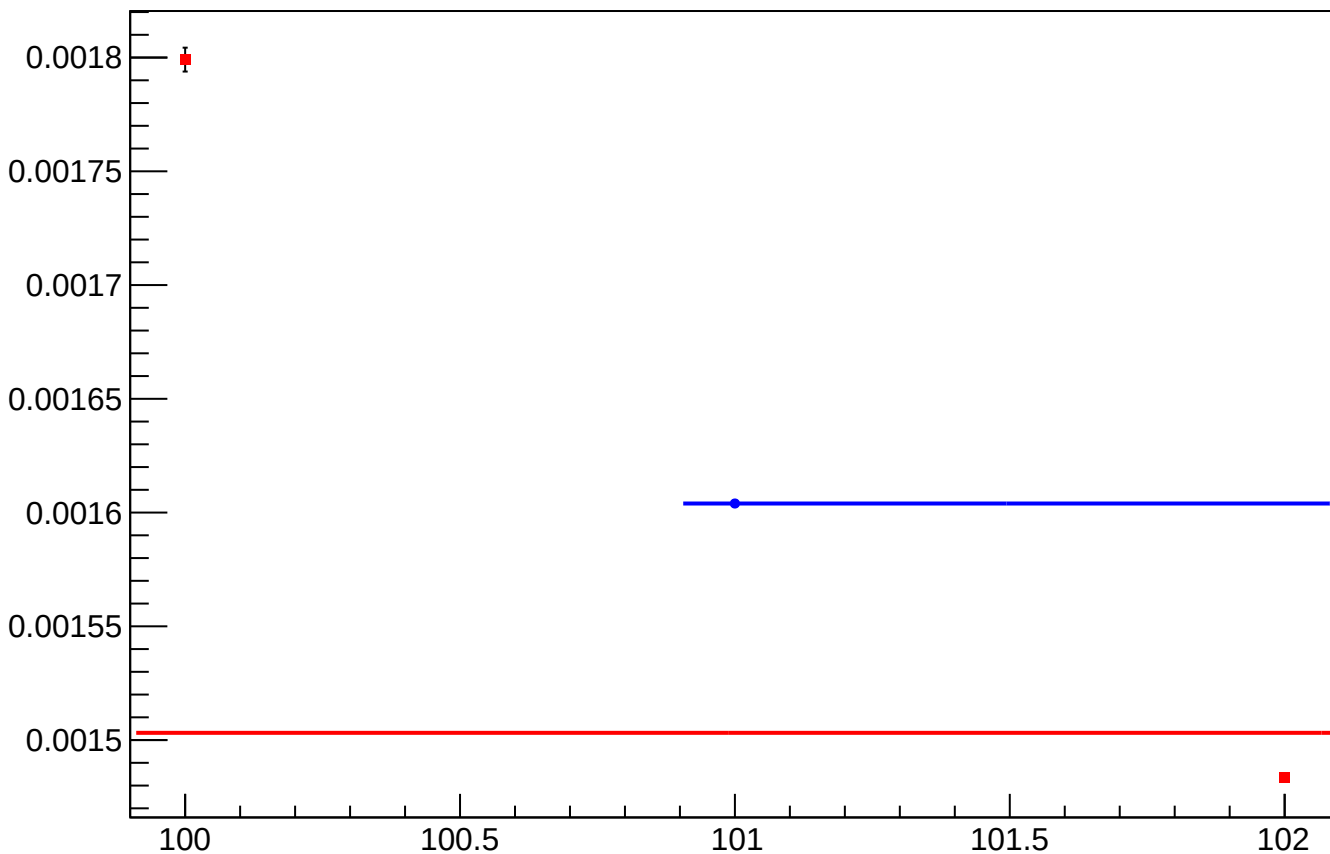
Right: -1.279+/-0.000 χ^2/NDF : 1060904719.3/2

In: -1.248+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.279+/-0.000 χ^2/NDF : 1060904719.3/2

yield_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3391.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

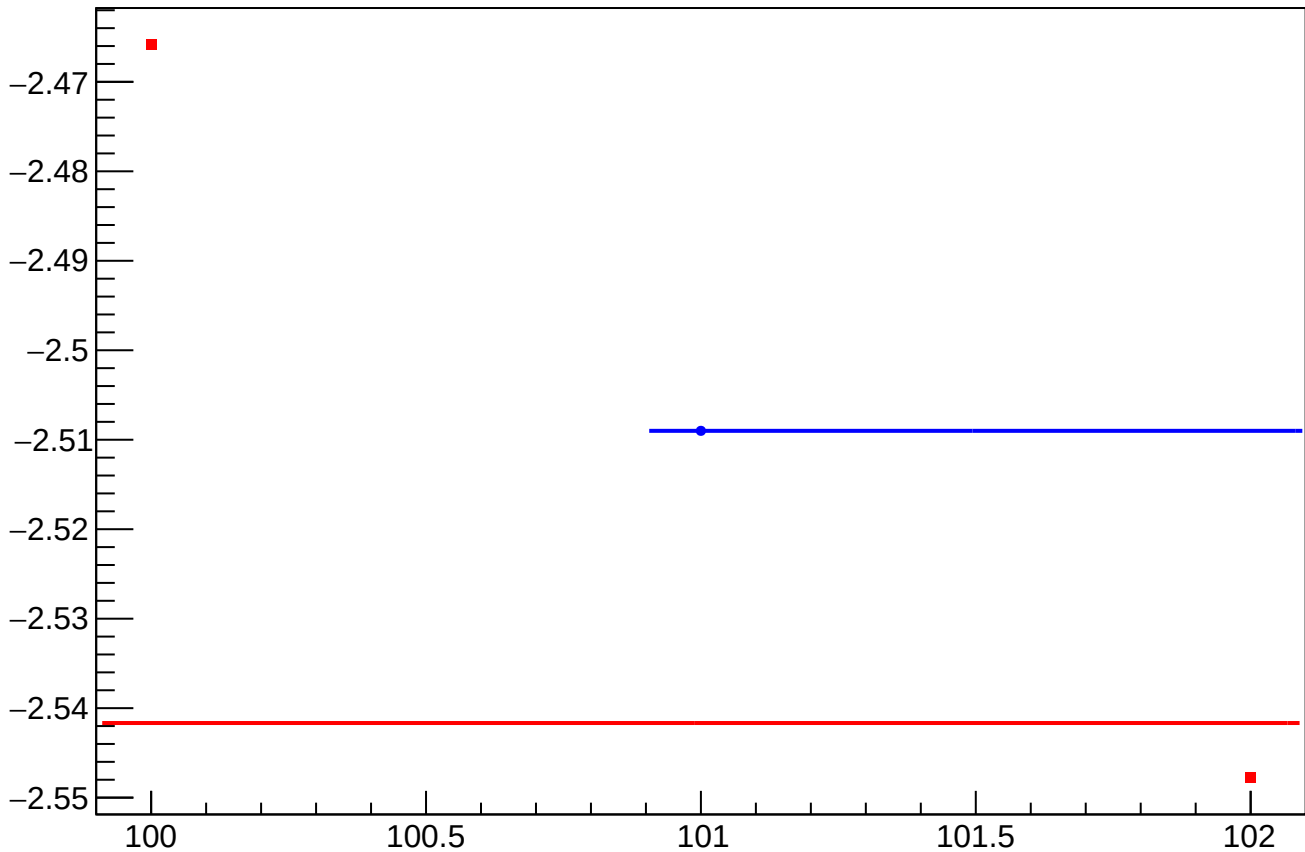
Right: 0.002+/-0.000 χ^2/NDF : 5933.0/2

In: 0.002+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5933.0/2

yield_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: -2.509+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.542+/-0.000 χ^2/NDF : 11367920.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

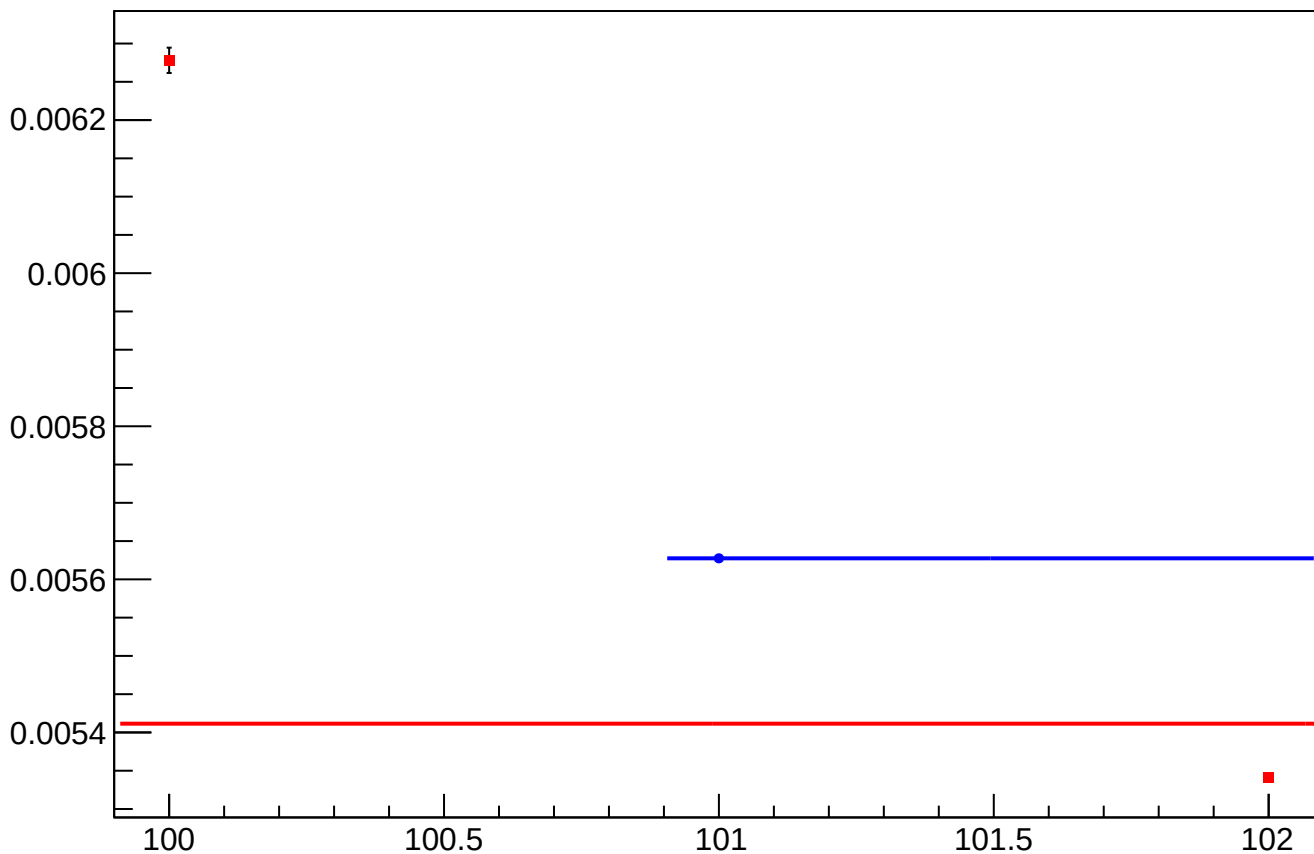
Right: -2.527+/-0.000 χ^2/NDF : 23266011.5/2

In: -2.509+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.527+/-0.000 χ^2/NDF : 23266011.5/2

yield_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 2972.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

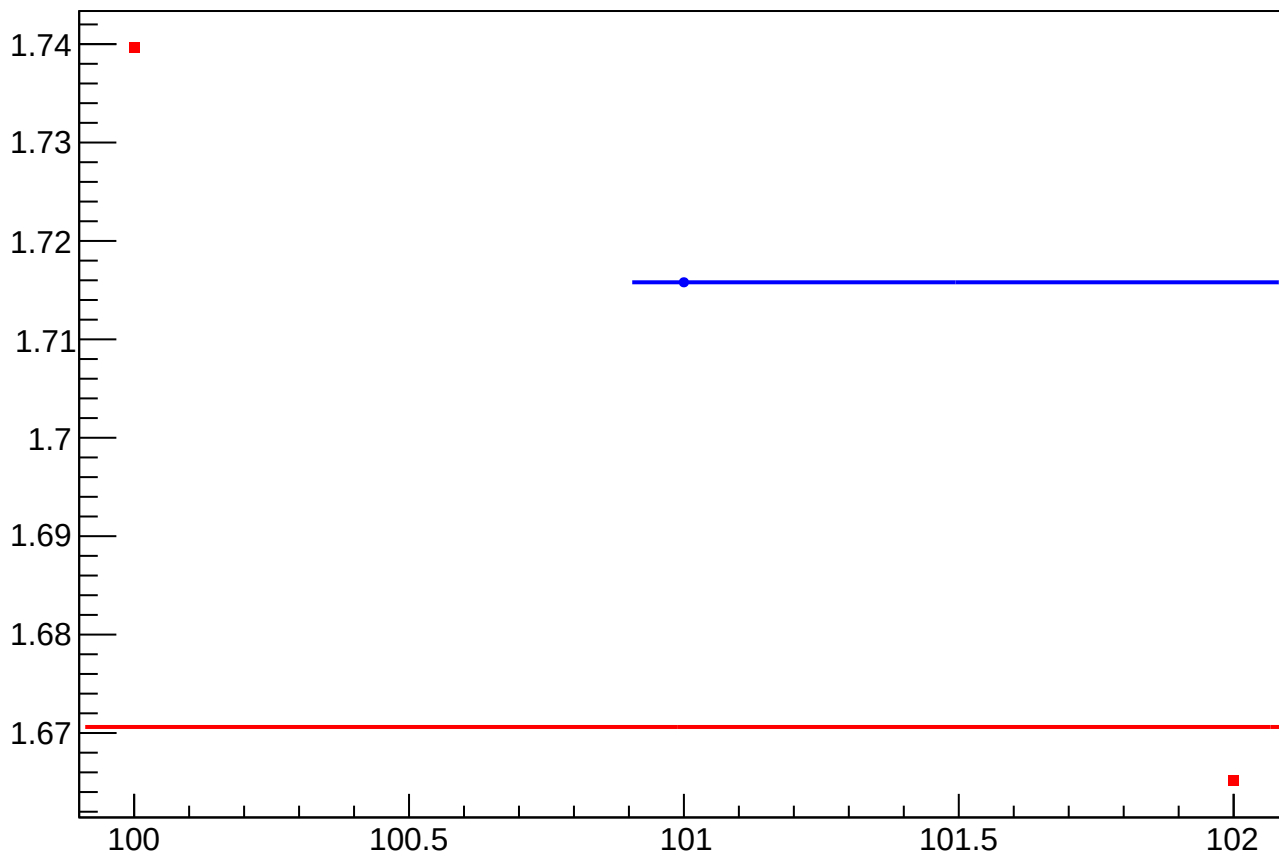
Right: 0.006+/-0.000 χ^2/NDF : 4013.9/2

In: 0.006+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 4013.9/2

yield_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 1.716+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.671+/-0.000 χ^2/NDF : 54872290.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

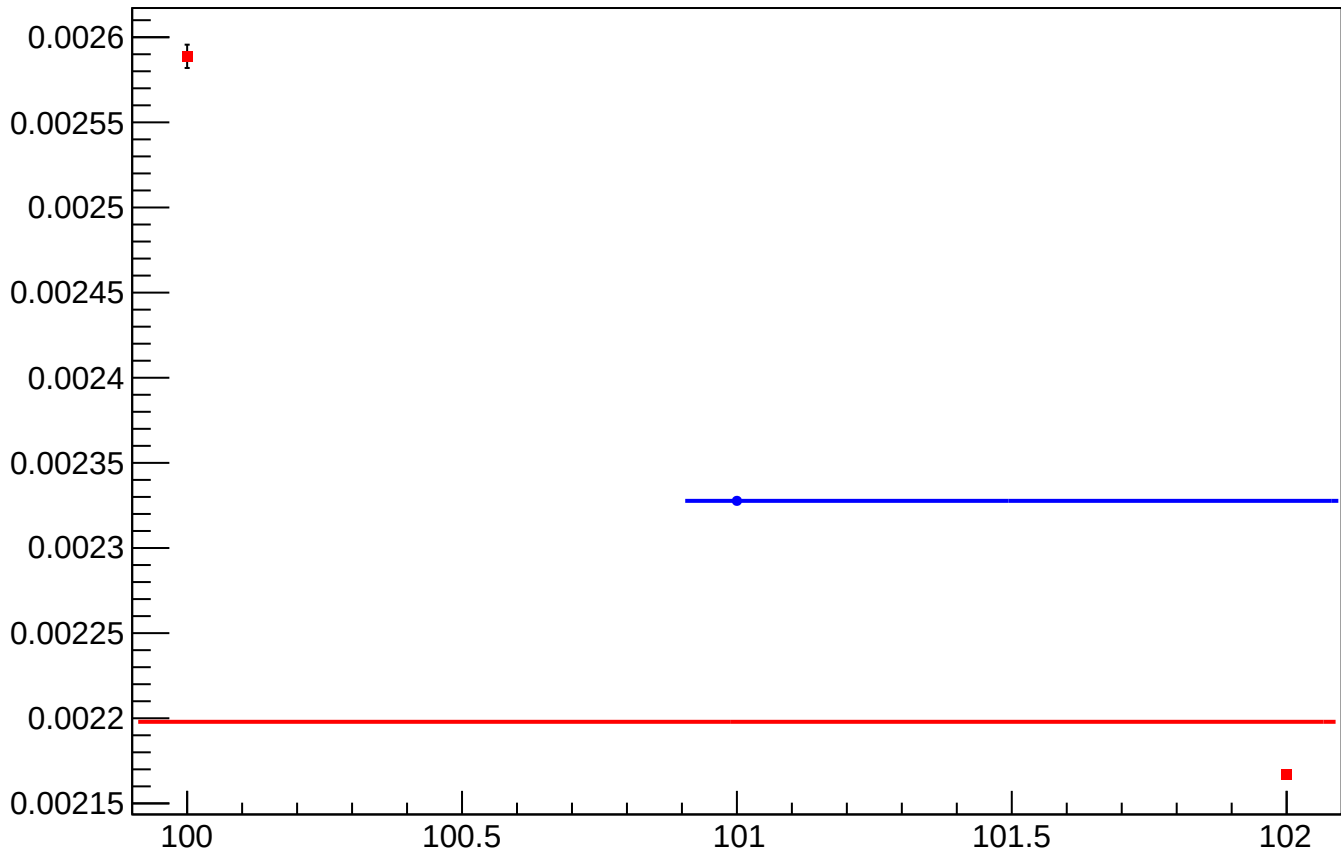
Right: 1.690+/-0.000 χ^2/NDF : 185004858.1/2

In: 1.716+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.690+/-0.000 χ^2/NDF : 185004858.1/2

yield_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3519.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

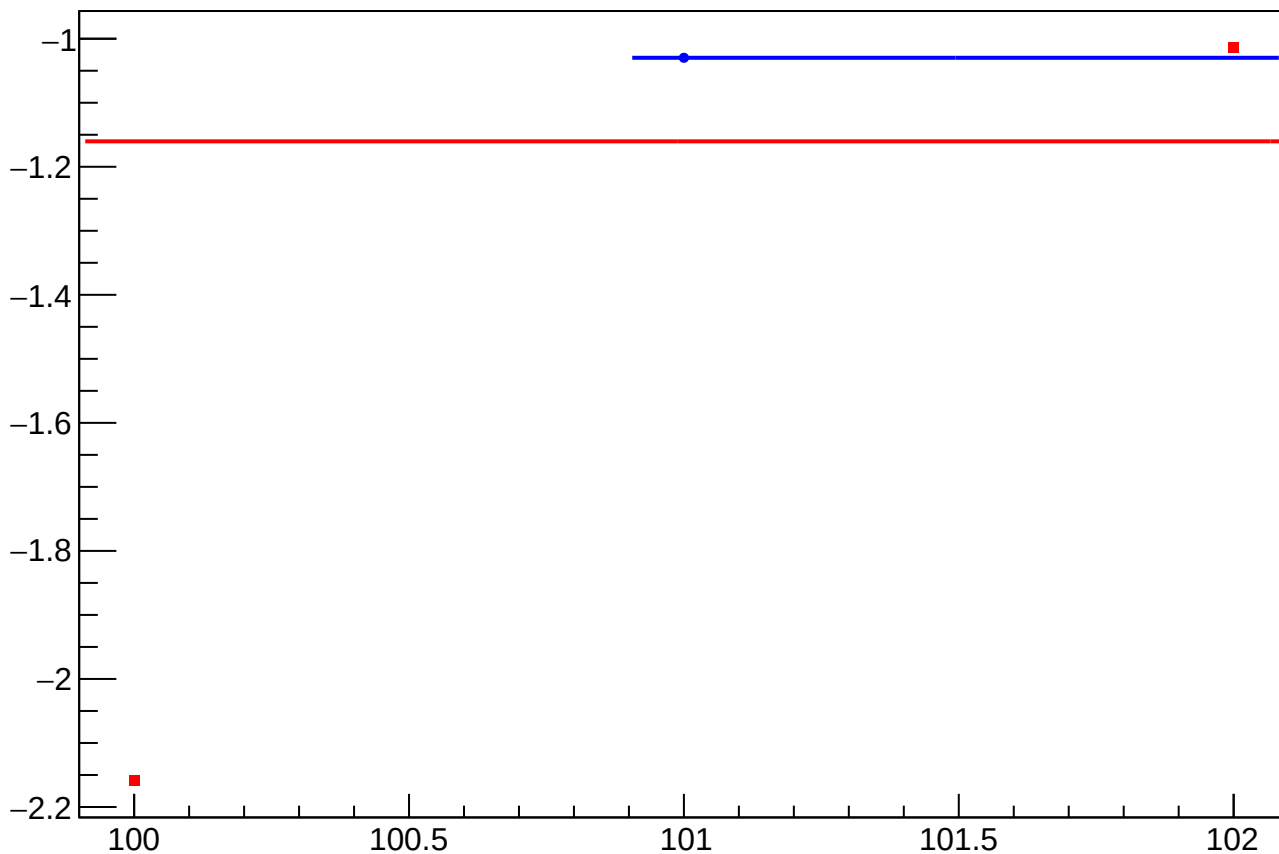
Right: 0.002+/-0.000 χ^2/NDF : 5666.7/2

In: 0.002+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5666.7/2

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.030+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.160+/-0.000 χ^2/NDF : 2033875611.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

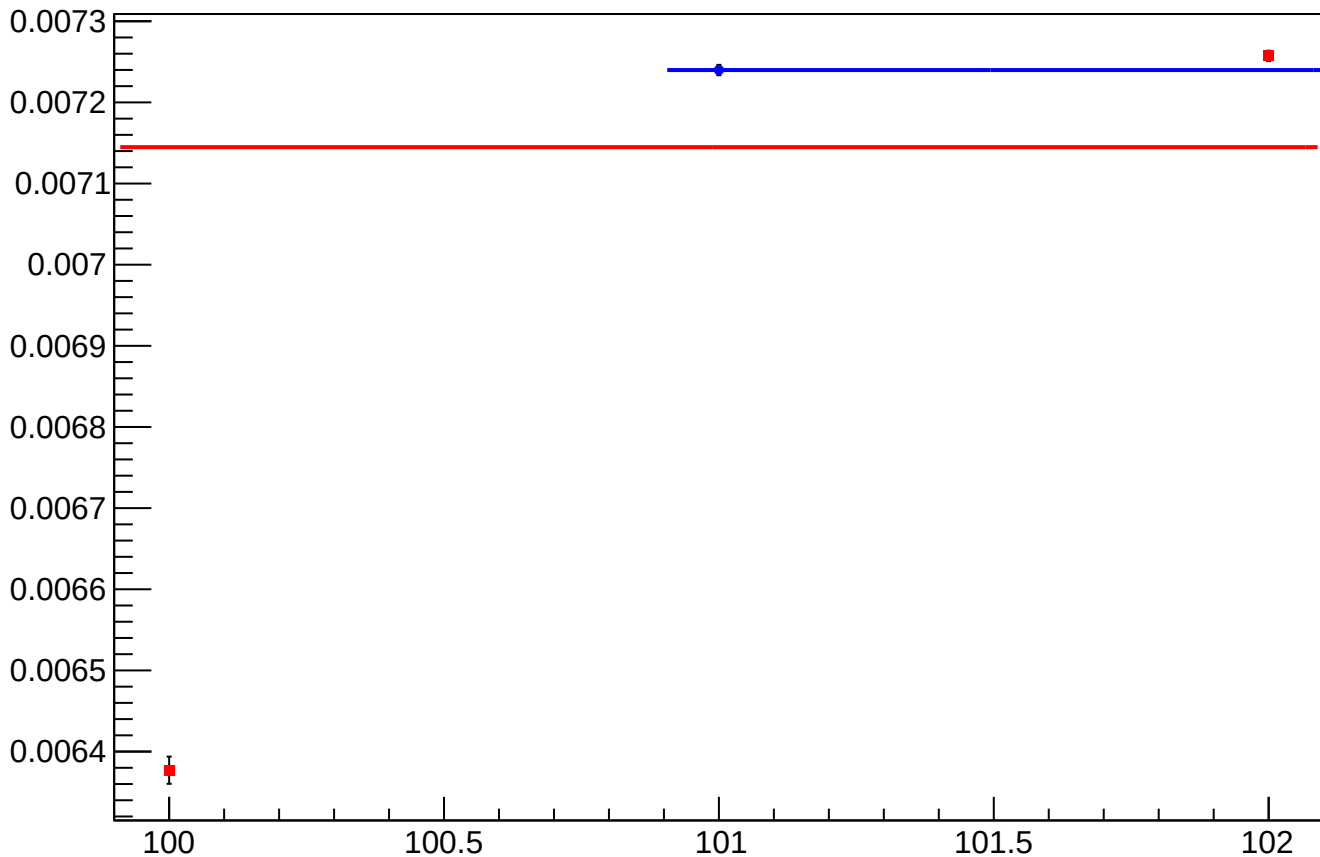
Right: -1.099+/-0.000 χ^2/NDF : 2145384933.7/2

In: -1.030+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.099+/-0.000 χ^2/NDF : 2145384933.7/2

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 2403.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

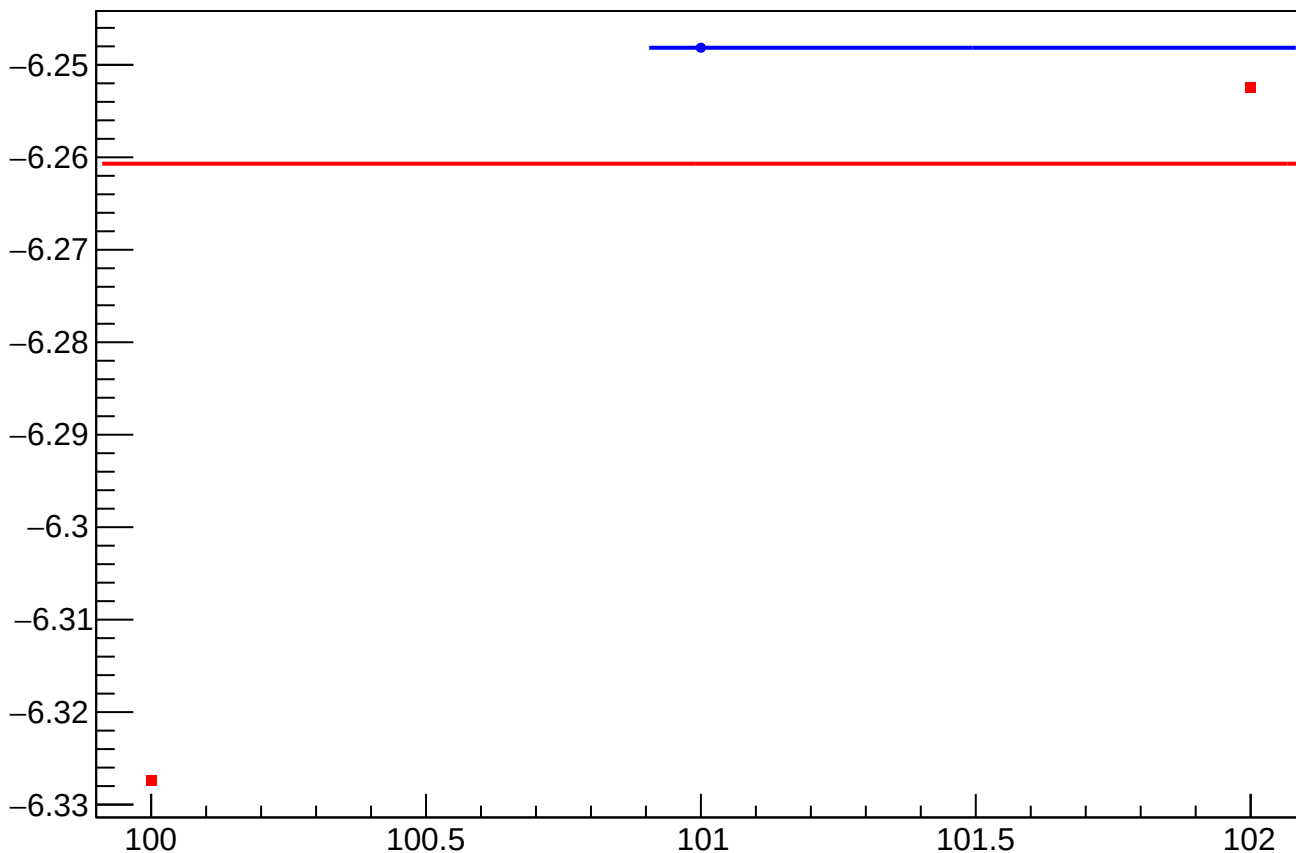
Right: 0.007+/-0.000 χ^2/NDF : 2522.1/2

In: 0.007+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 2522.1/2

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -6.248+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.261+/-0.000 χ^2/NDF : 15260049.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

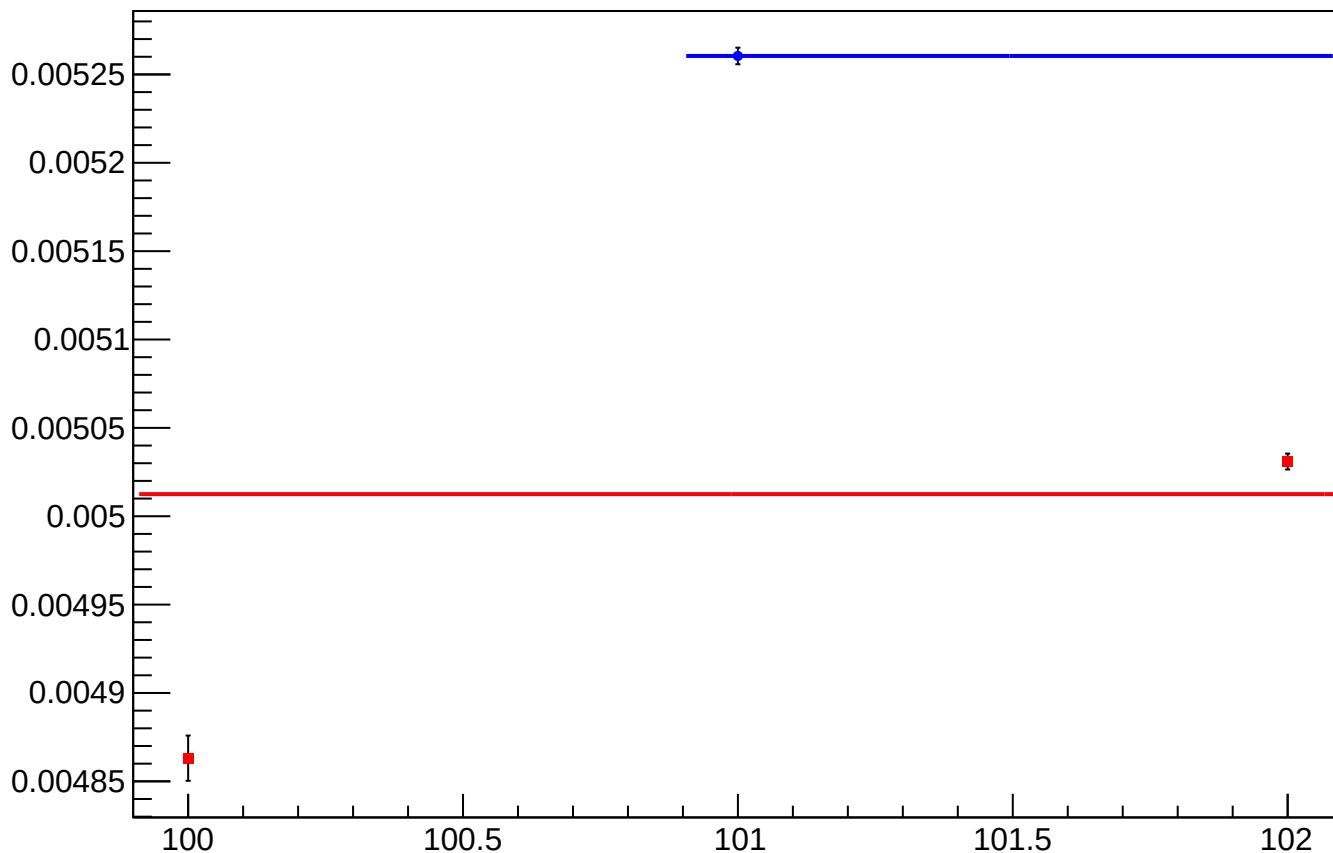
Right: -6.255+/-0.000 χ^2/NDF : 17225365.7/2

In: -6.248+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.255+/-0.000 χ^2/NDF : 17225365.7/2

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 153.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

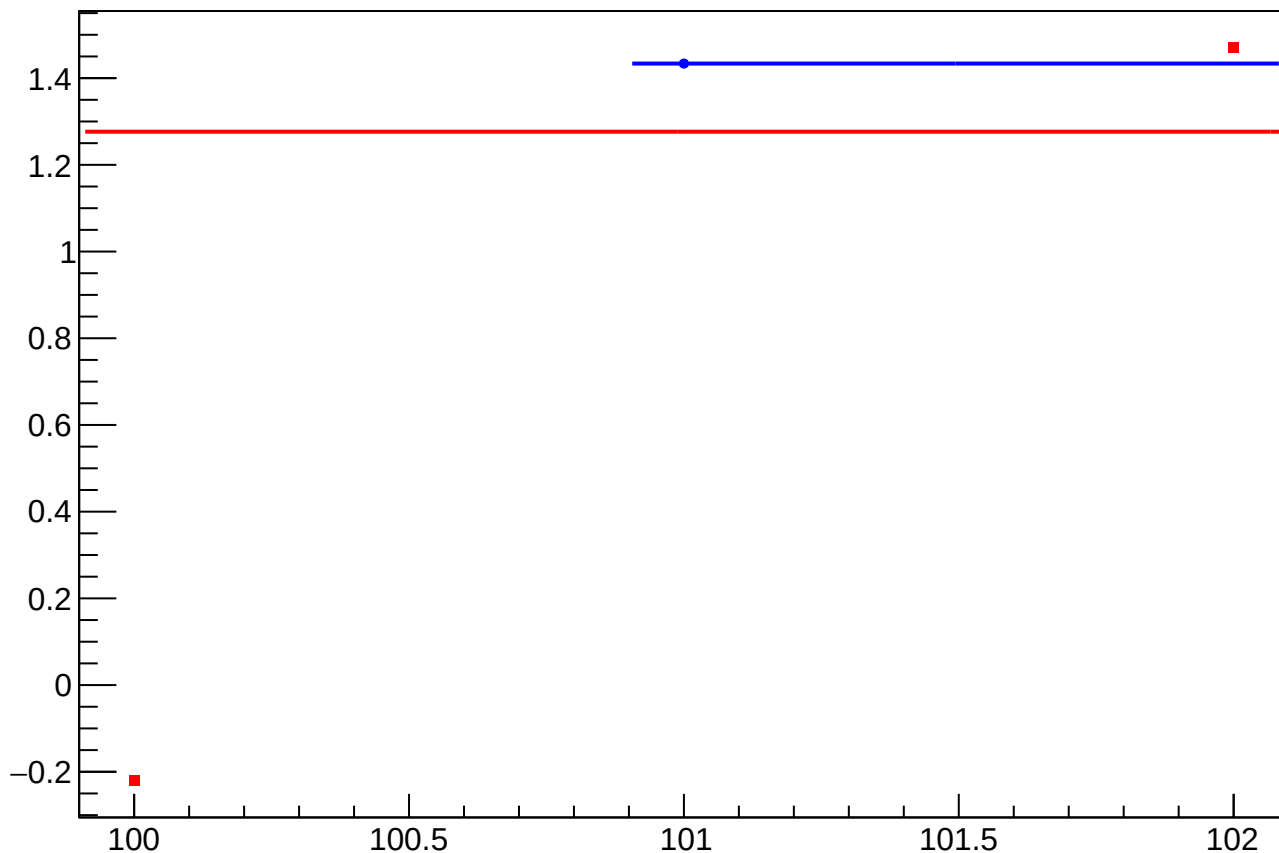
Right: 0.005+/-0.000 χ^2/NDF : 1689.3/2

In: 0.005+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1689.3/2

yield_bpm0l02X_mean vs Slug, Sign Corrected



Right In: 1.434+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.276+/-0.000 χ^2/NDF : 980122799.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

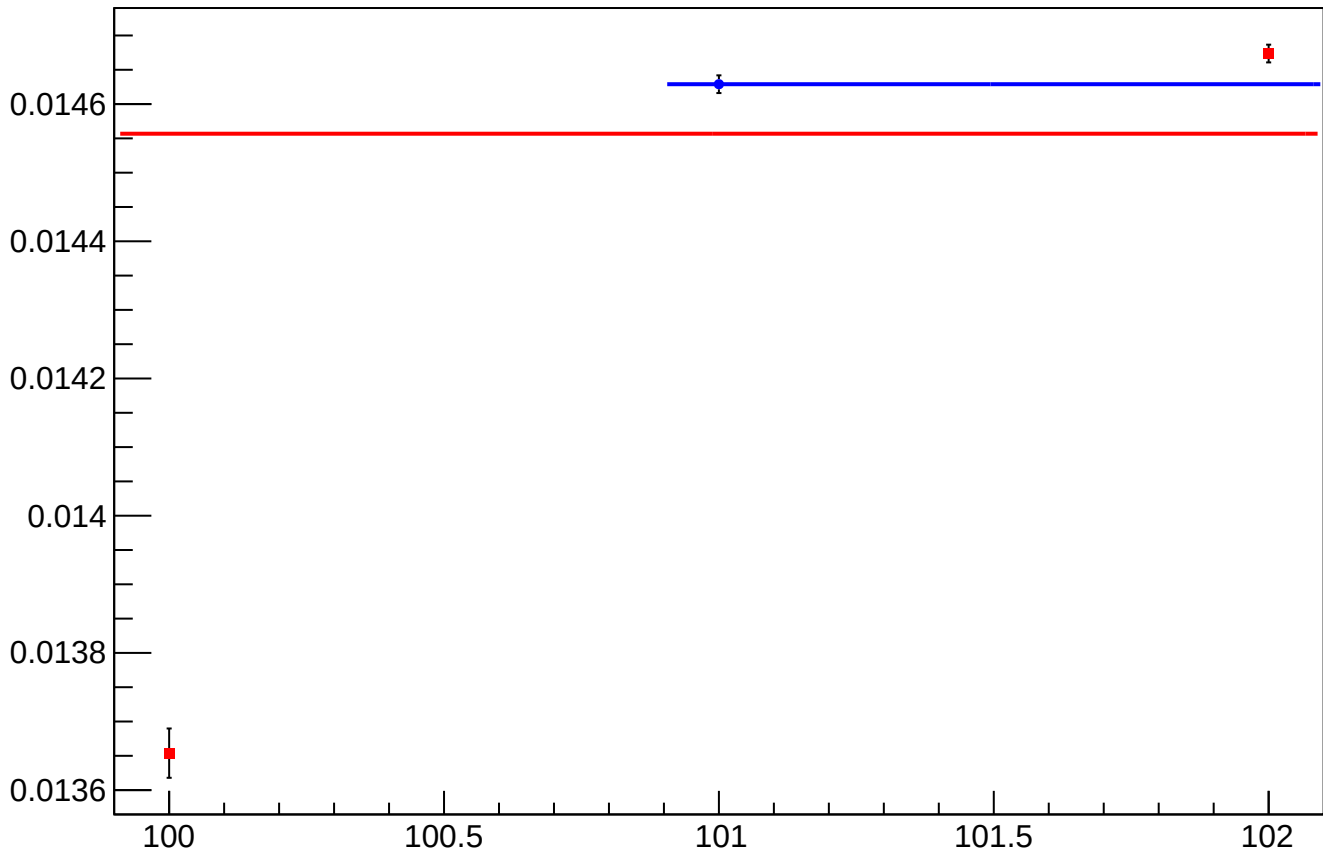
Right: 1.350+/-0.000 χ^2/NDF : 1019371818.9/2

In: 1.434+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.350+/-0.000 χ^2/NDF : 1019371818.9/2

yield_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 712.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

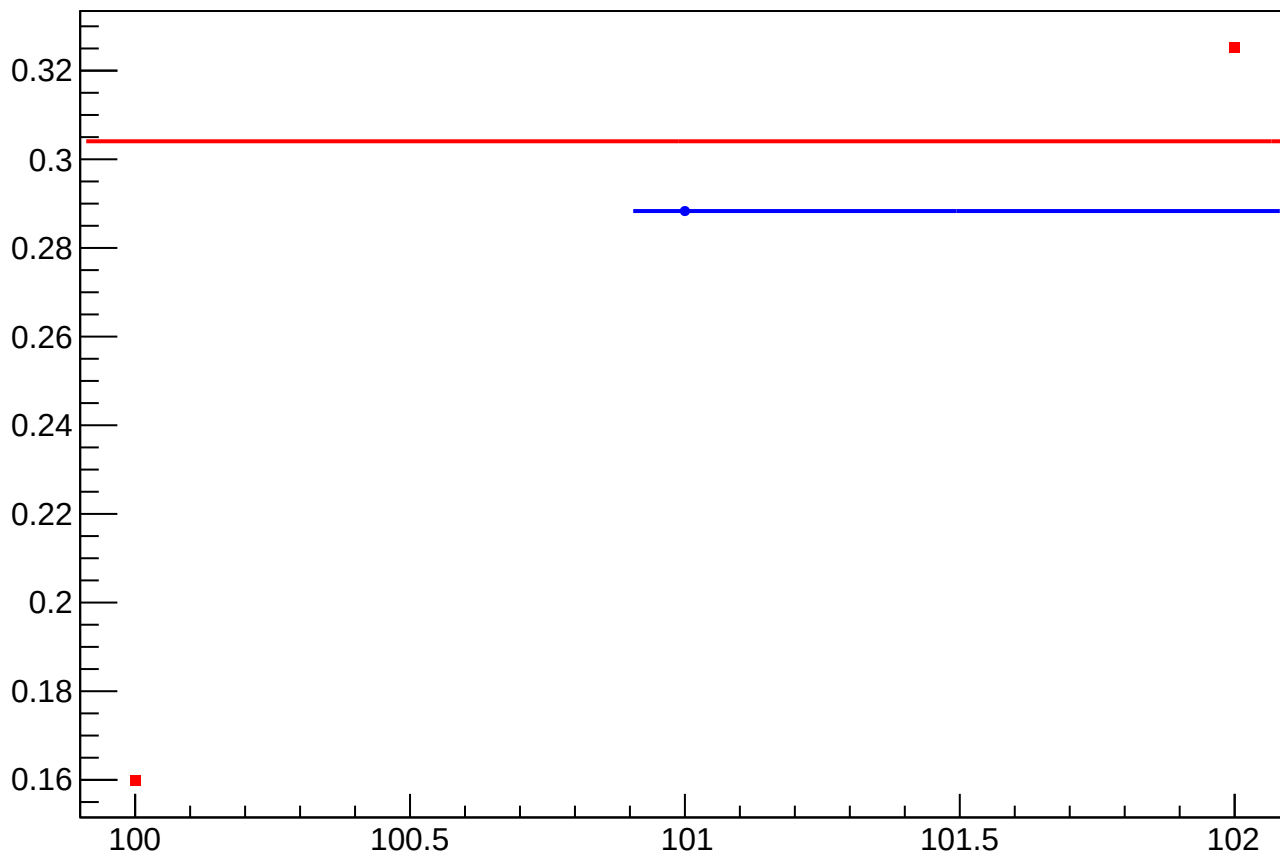
Right: 0.015+/-0.000 χ^2/NDF : 729.4/2

In: 0.015+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 729.4/2

yield_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 0.288 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.304 $\pm$ 0.000 χ^2 /NDF: 44840085.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

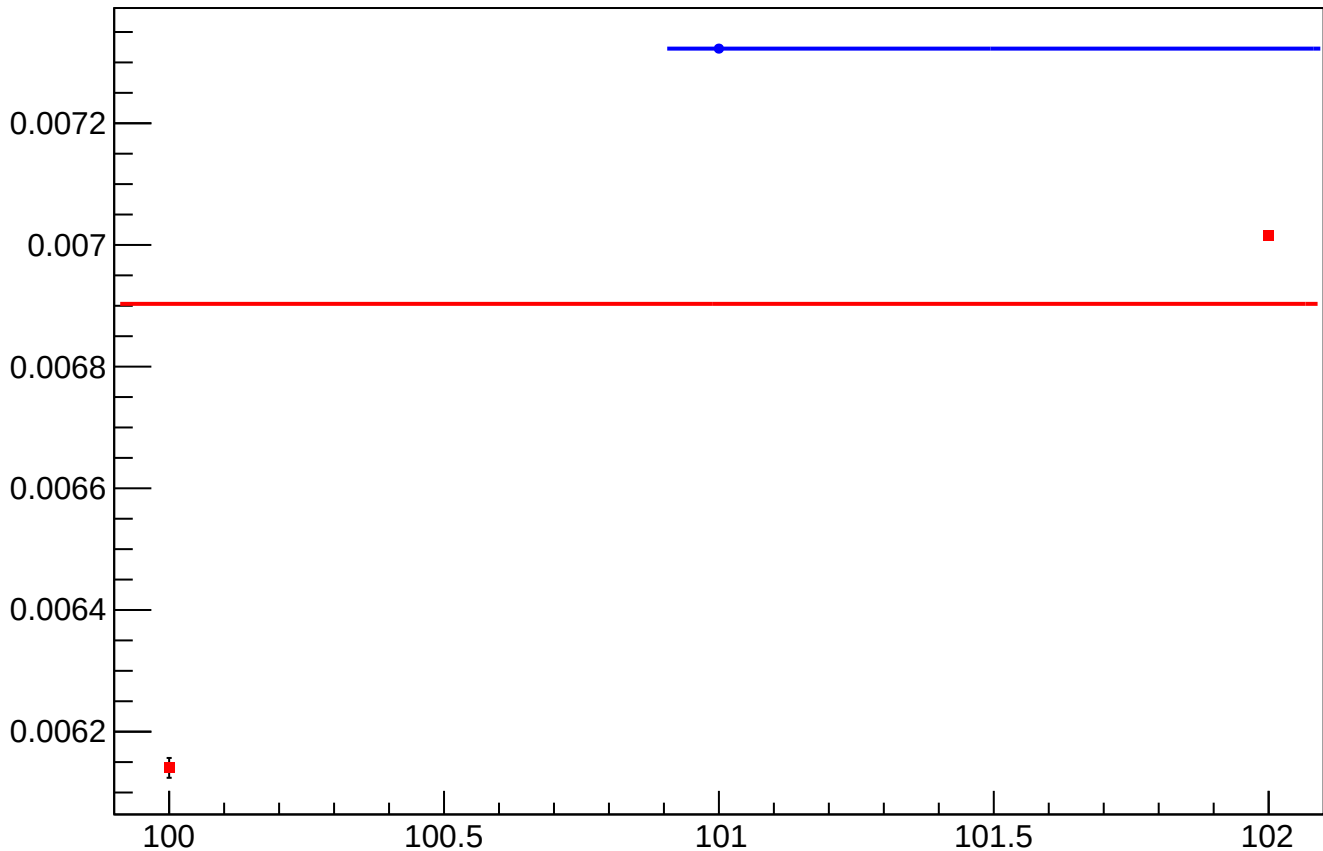
Right: 0.297 $\pm$ 0.000 χ^2 /NDF: 46469031.0/2

In: 0.288 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.297 $\pm$ 0.000 χ^2 /NDF: 46469031.0/2

yield_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 2507.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

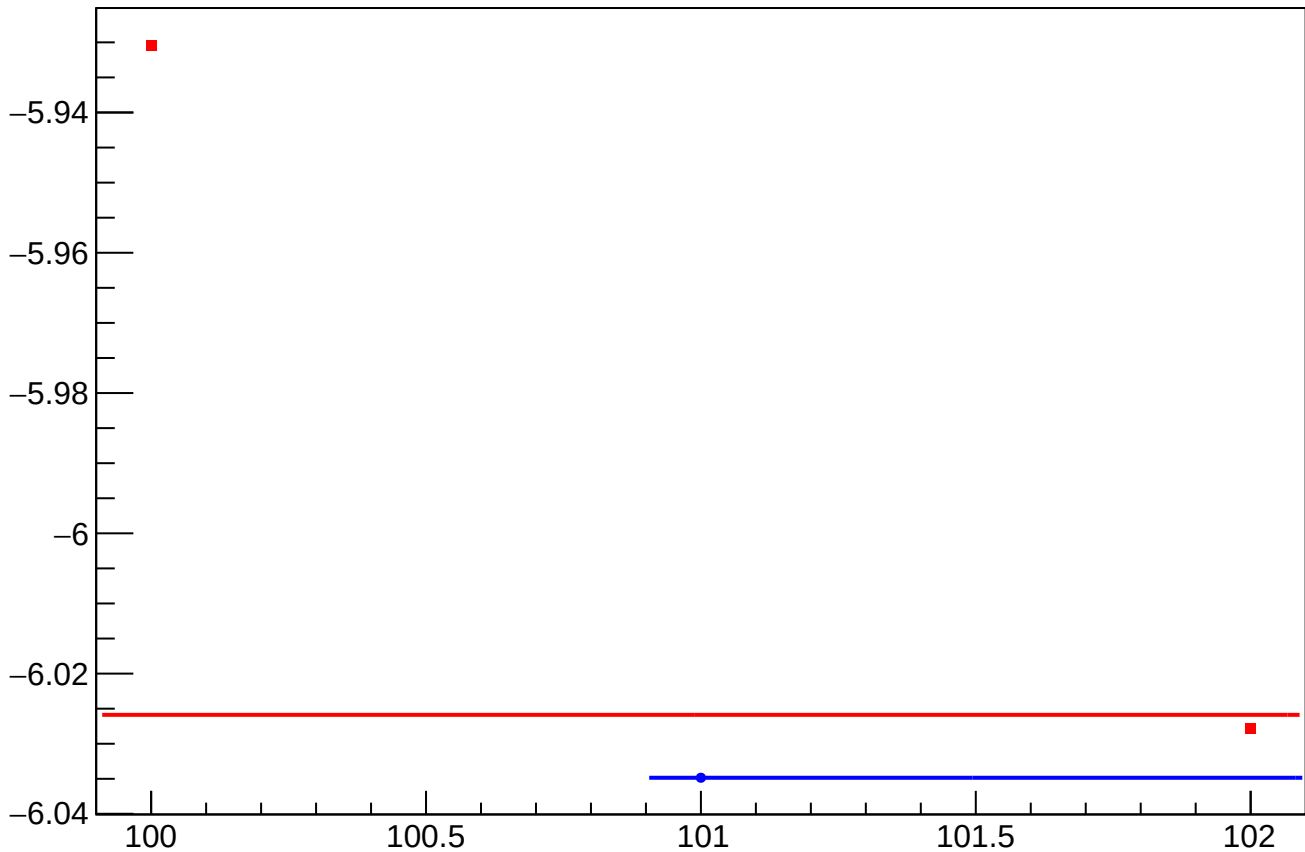
Right: 0.007+/-0.000 χ^2/NDF : 4822.0/2

In: 0.007+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 4822.0/2

yield_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -6.035+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.026+/-0.000 χ^2/NDF : 3670562.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

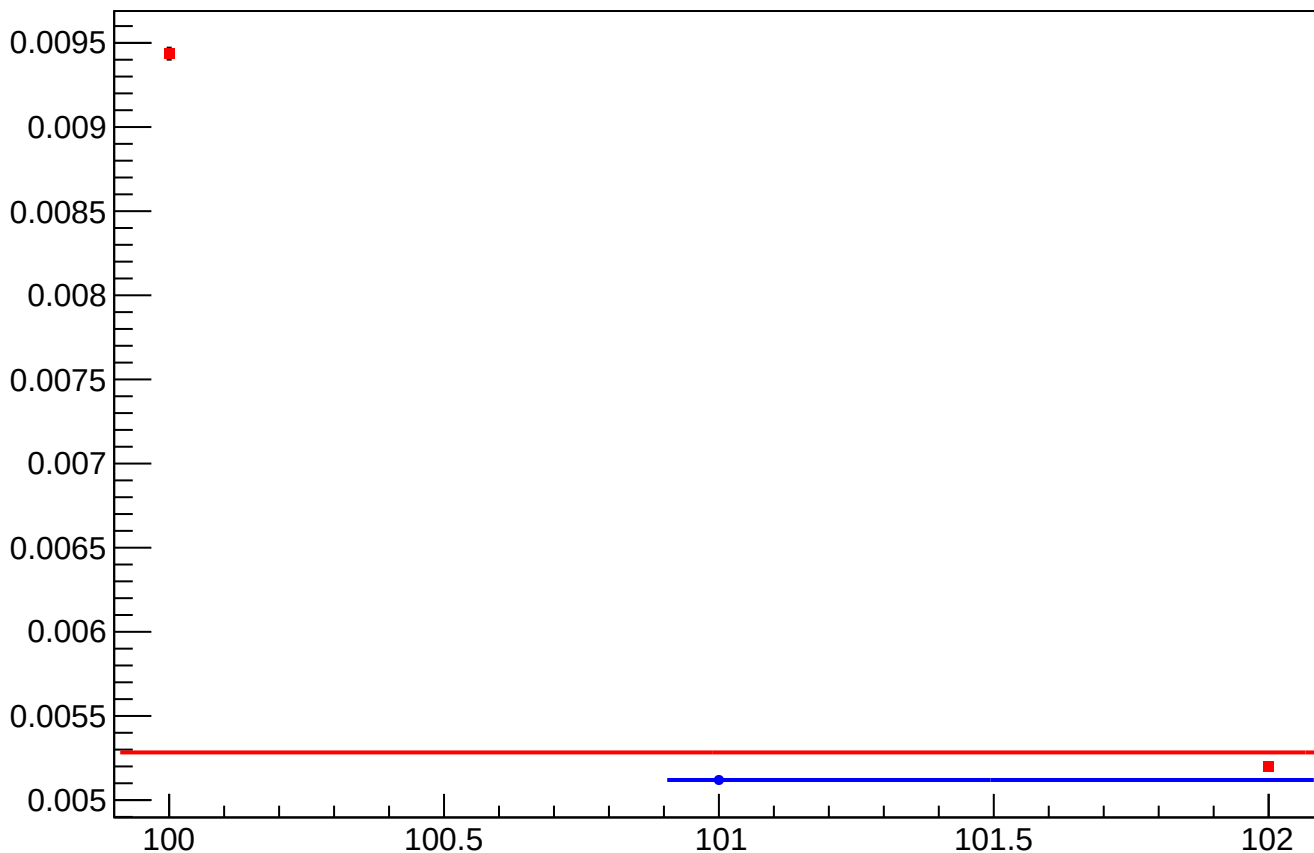
Right: -6.030+/-0.000 χ^2/NDF : 4513751.5/2

In: -6.035+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.030+/-0.000 χ^2/NDF : 4513751.5/2

yield_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 13882.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

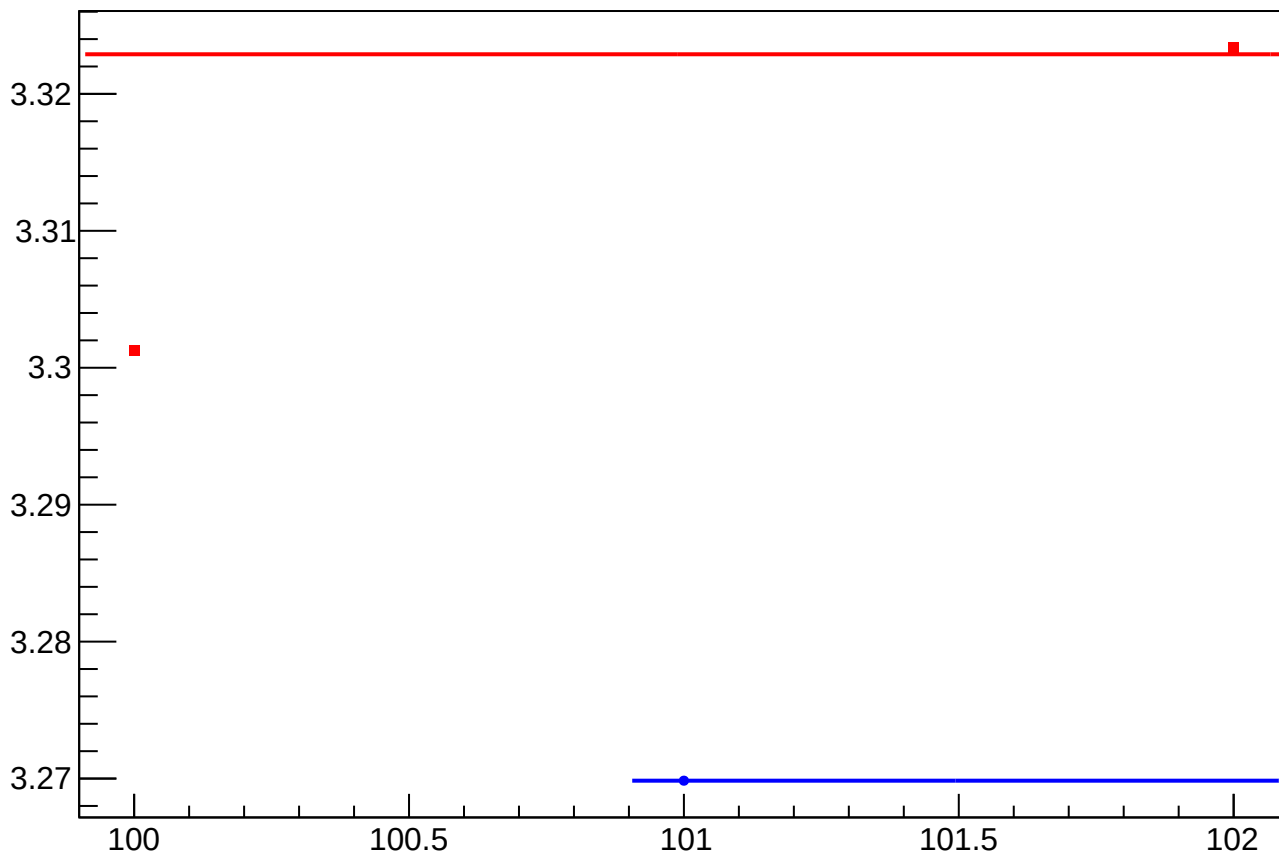
Right: 0.005+/-0.000 χ^2/NDF : 14444.5/2

In: 0.005+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 14444.5/2

yield_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: 3.270+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.323+/-0.000 χ^2/NDF : 149878.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

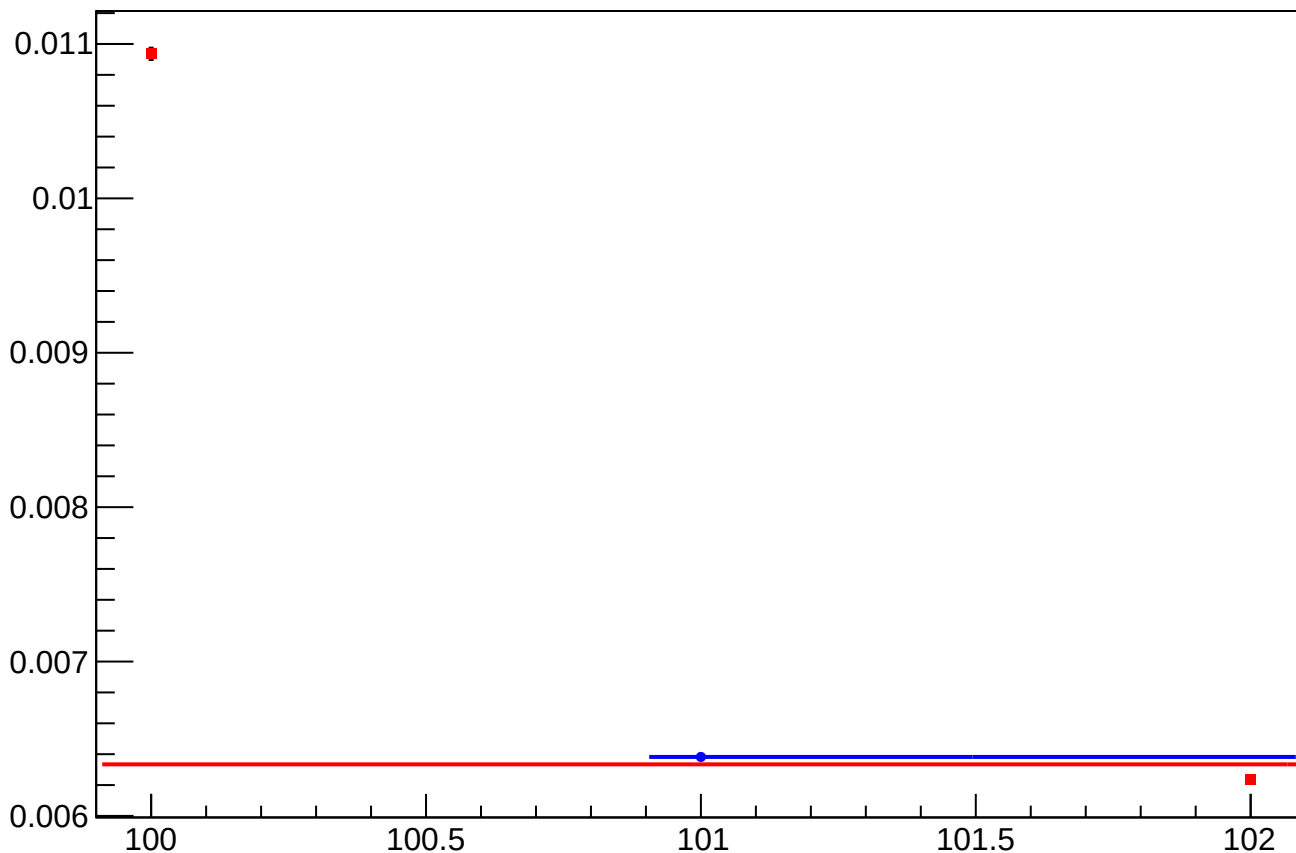
Right: 3.296+/-0.000 χ^2/NDF : 20611023.7/2

In: 3.270+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.296+/-0.000 χ^2/NDF : 20611023.7/2

yield_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 13532.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

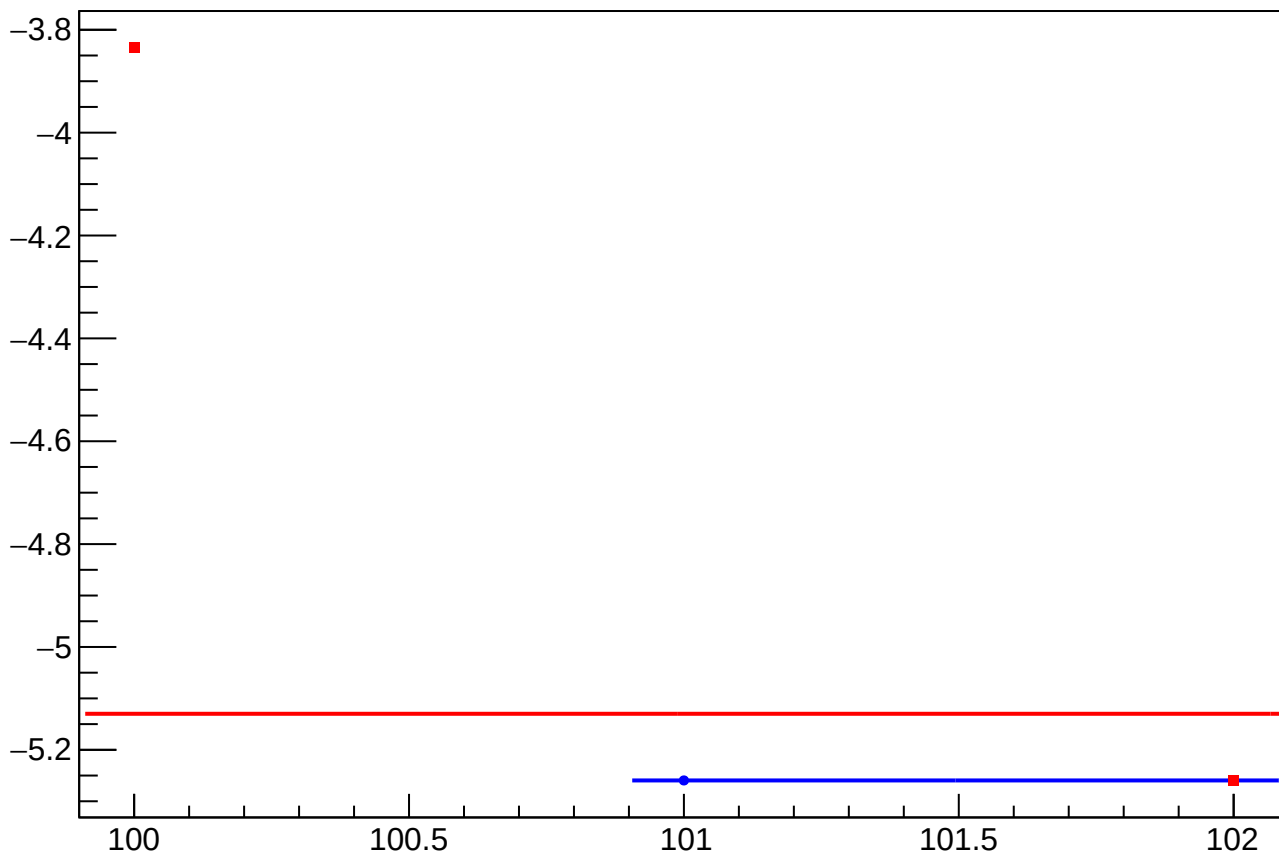
Right: 0.006+/-0.000 χ^2/NDF : 13566.3/2

In: 0.006+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 13566.3/2

yield_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -5.260+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.130+/-0.000 χ^2/NDF : 861742369.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

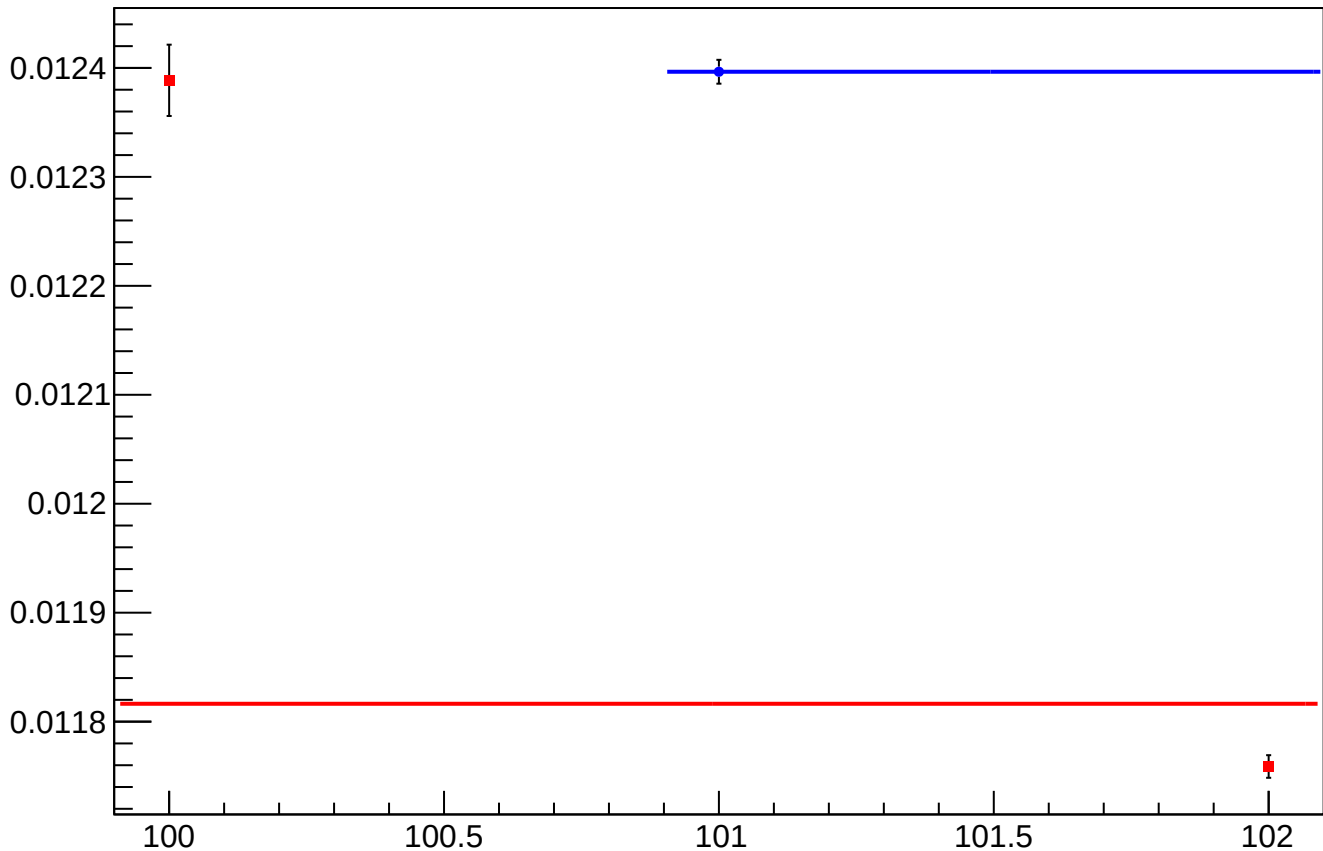
Right: -5.188+/-0.000 χ^2/NDF : 900326233.2/2

In: -5.260+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.188+/-0.000 χ^2/NDF : 900326233.2/2

yield_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 336.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

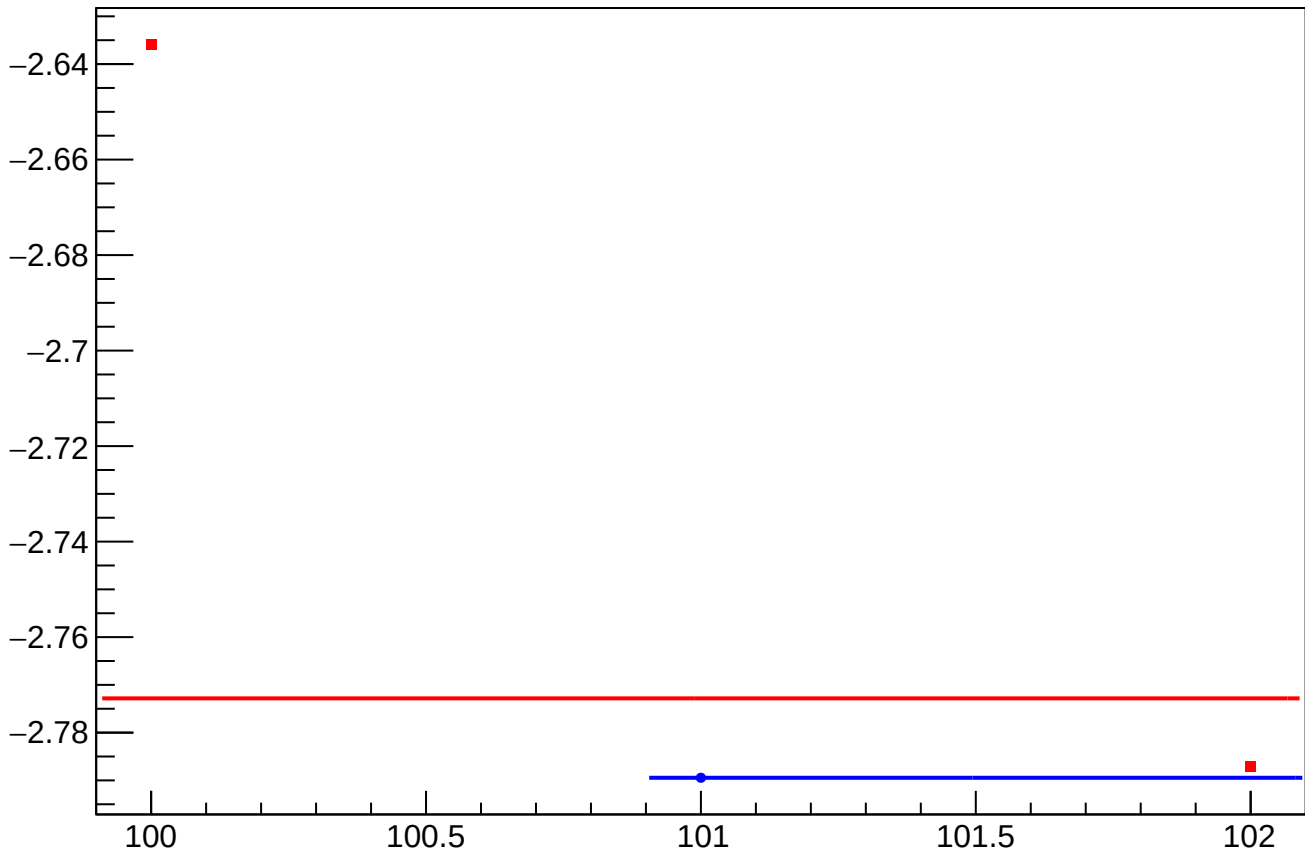
Right: 0.012+/-0.000 χ^2/NDF : 1882.6/2

In: 0.012+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 1882.6/2

yield_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -2.789+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.773+/-0.000 χ^2/NDF : 100261438.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

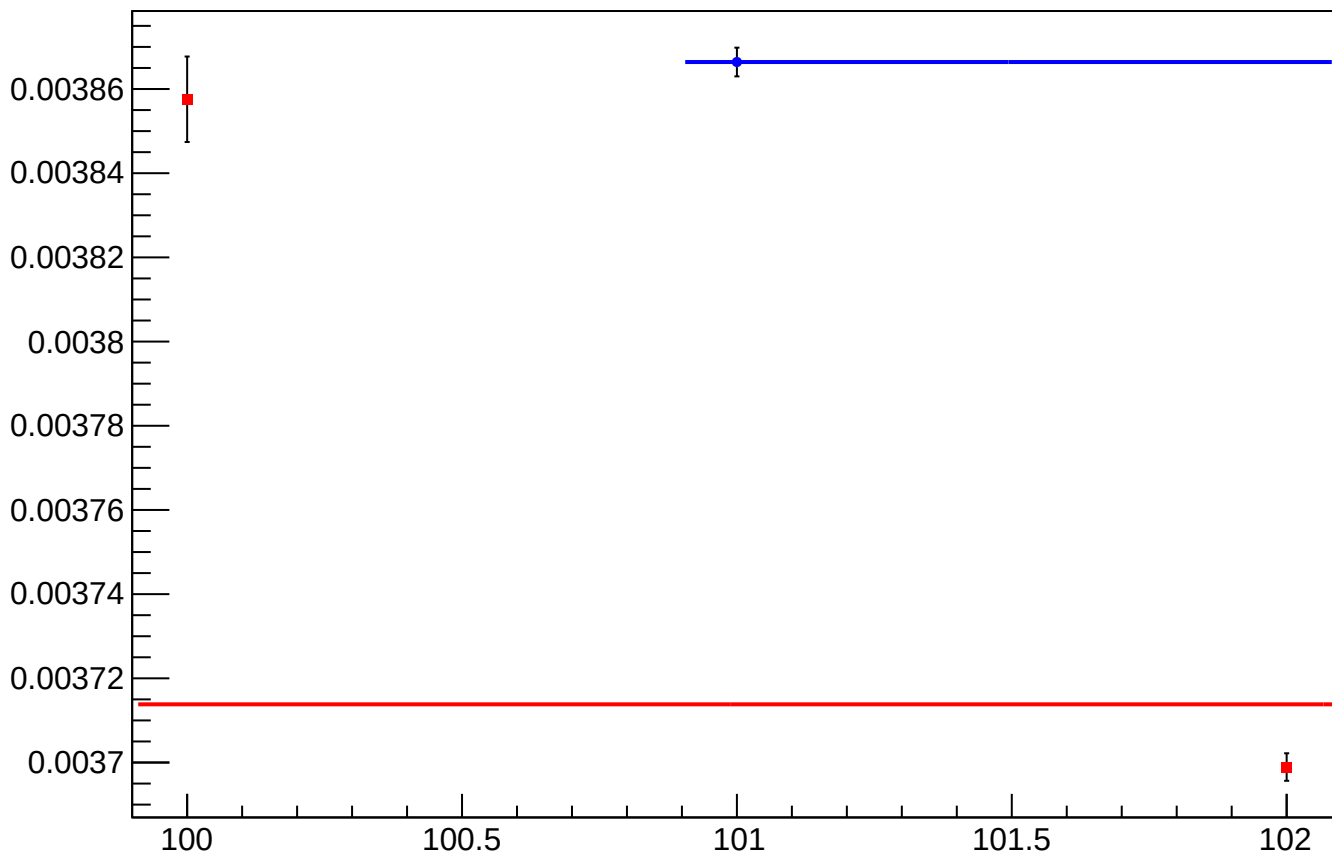
Right: -2.780+/-0.000 χ^2/NDF : 106747781.8/2

In: -2.789+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.780+/-0.000 χ^2/NDF : 106747781.8/2

yield_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 221.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

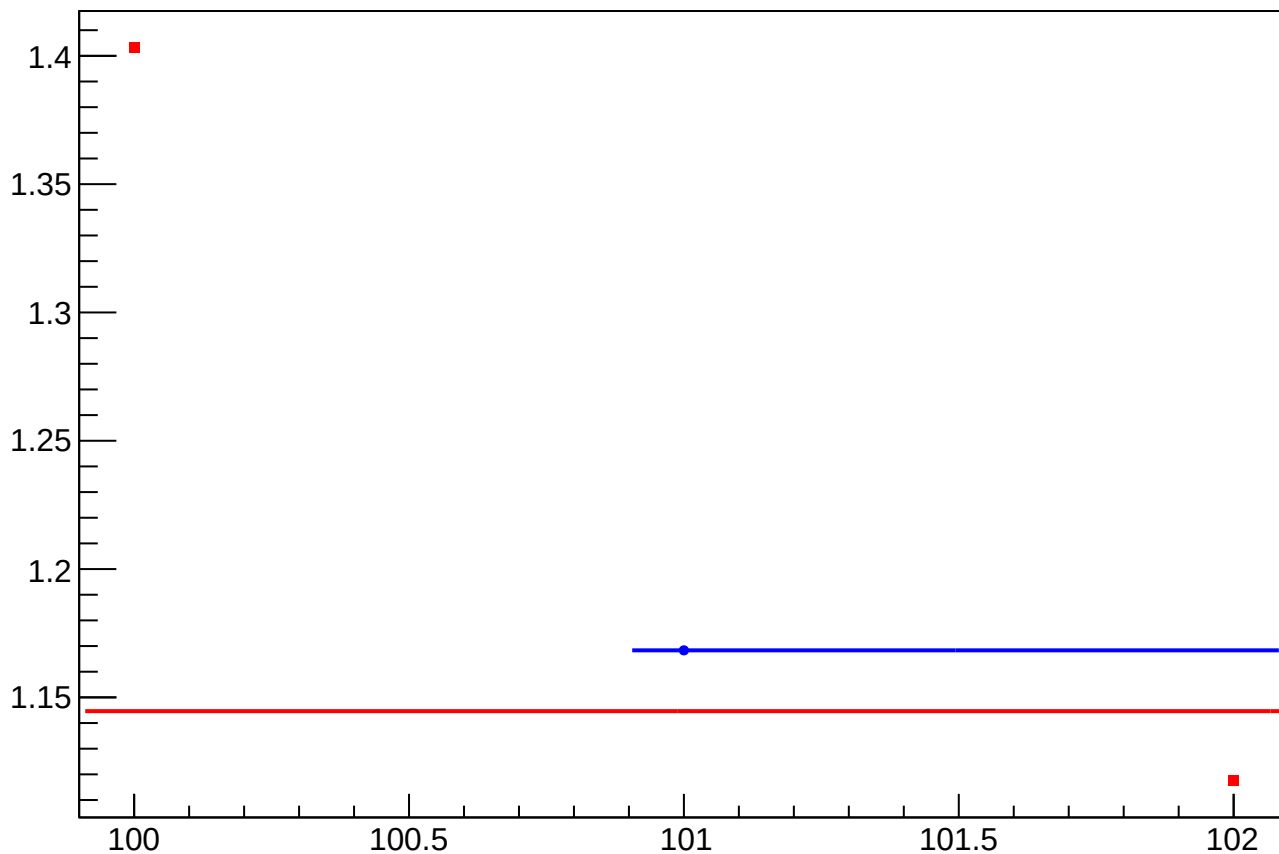
Right: 0.004+/-0.000 χ^2/NDF : 1313.5/2

In: 0.004+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 1313.5/2

yield_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 1.168+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.145+/-0.000 χ^2/NDF : 263695398.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

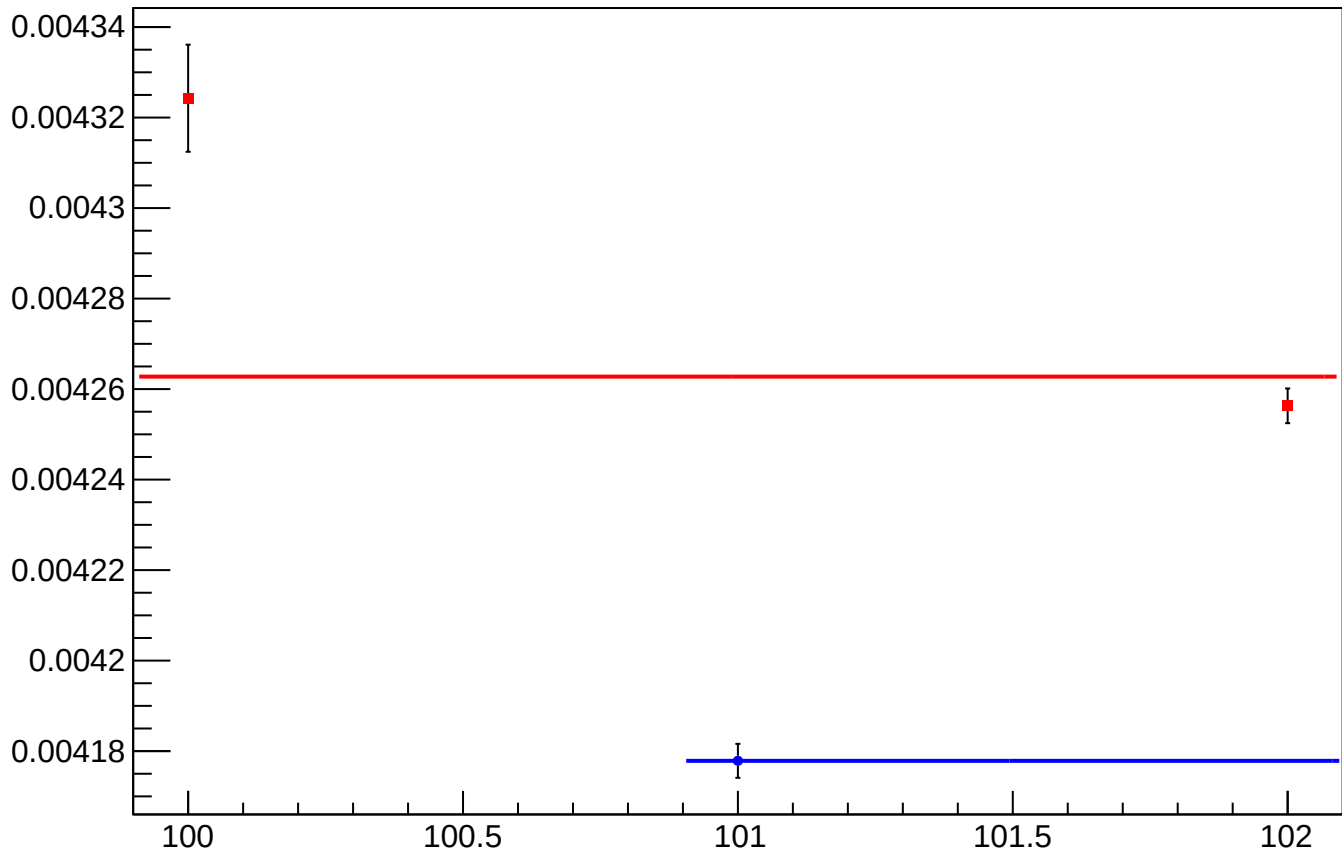
Right: 1.156+/-0.000 χ^2/NDF : 273941939.3/2

In: 1.168+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.156+/-0.000 χ^2/NDF : 273941939.3/2

yield_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 29.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

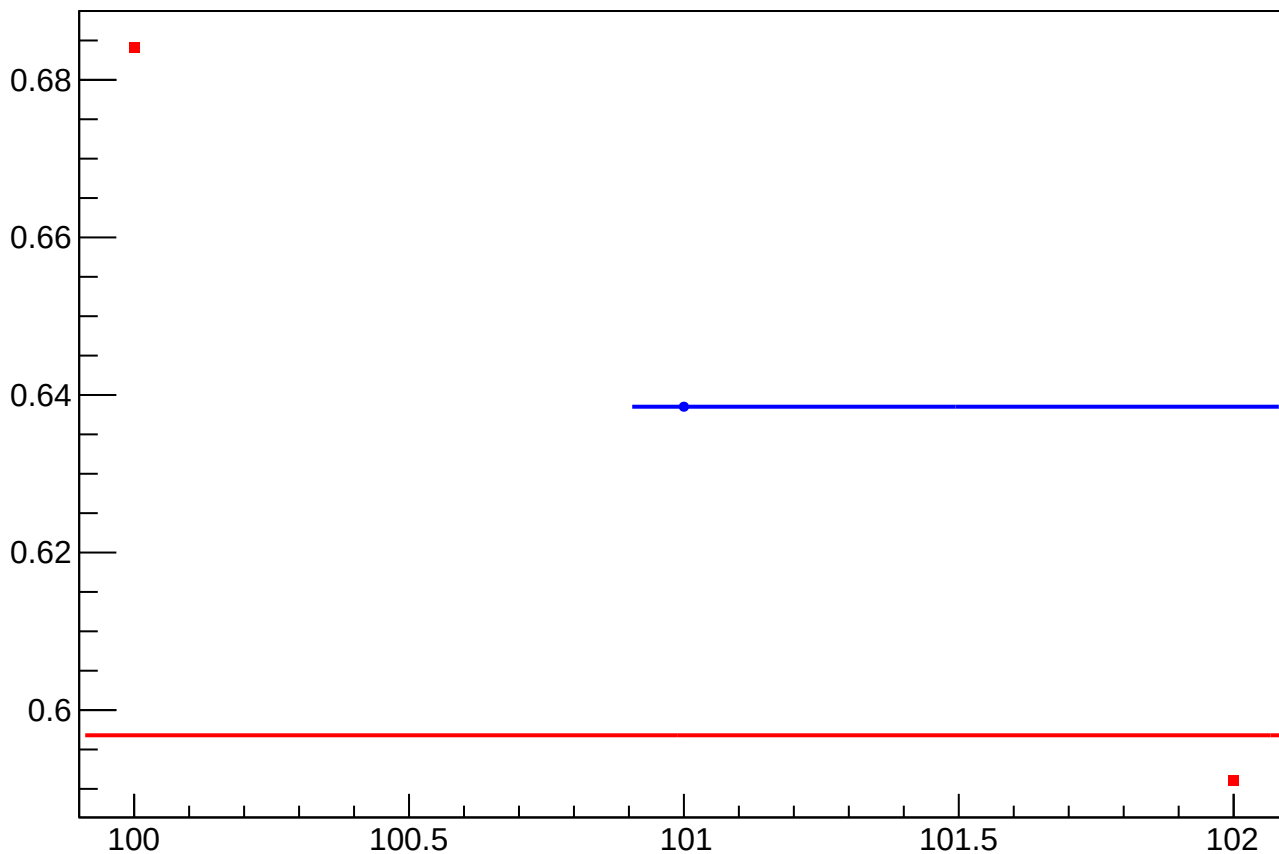
Right: 0.004+/-0.000 χ^2/NDF : 293.1/2

In: 0.004+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 293.1/2

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 0.639+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.597+/-0.000 χ^2/NDF : 26688827.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

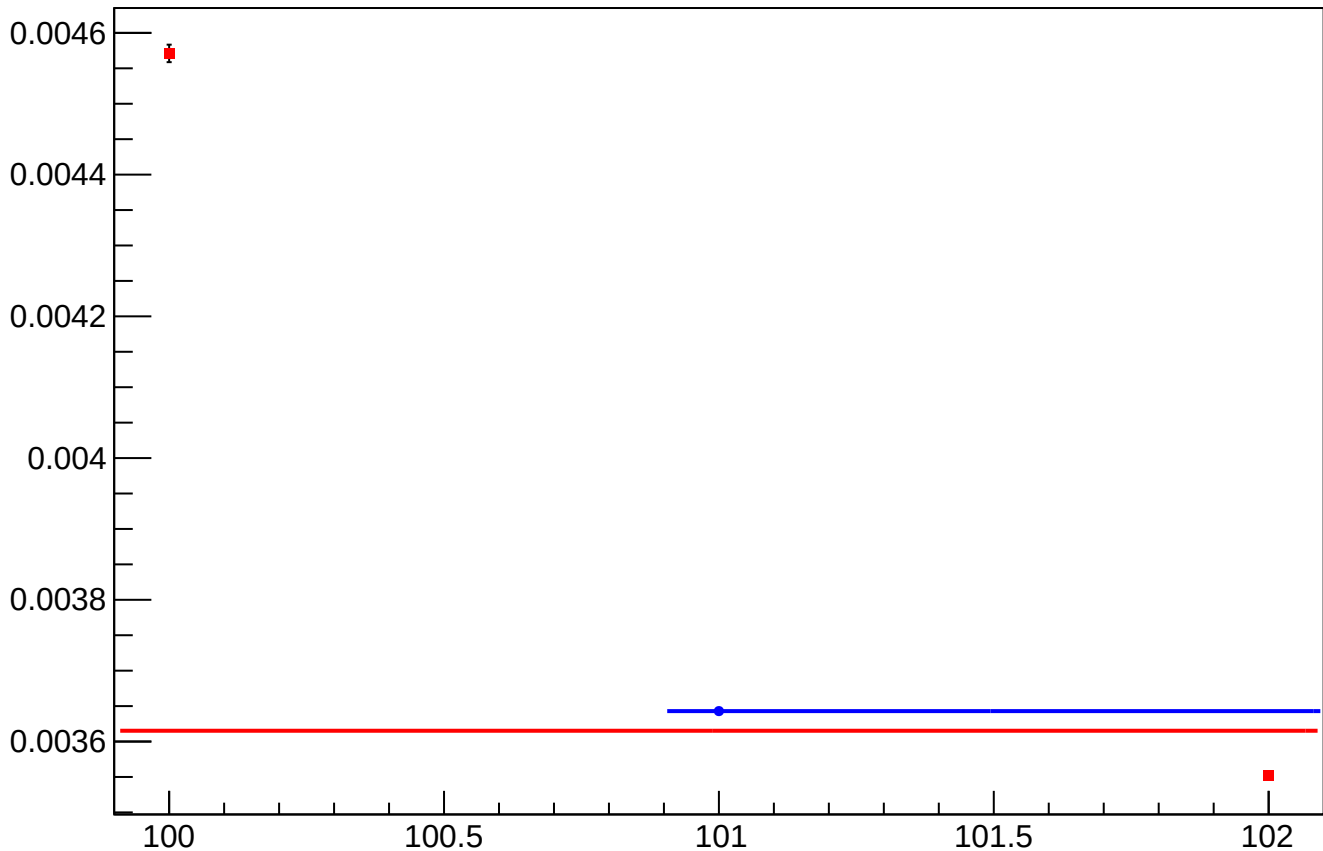
Right: 0.617+/-0.000 χ^2/NDF : 70296969.6/2

In: 0.639+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.617+/-0.000 χ^2/NDF : 70296969.6/2

yield_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 6403.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

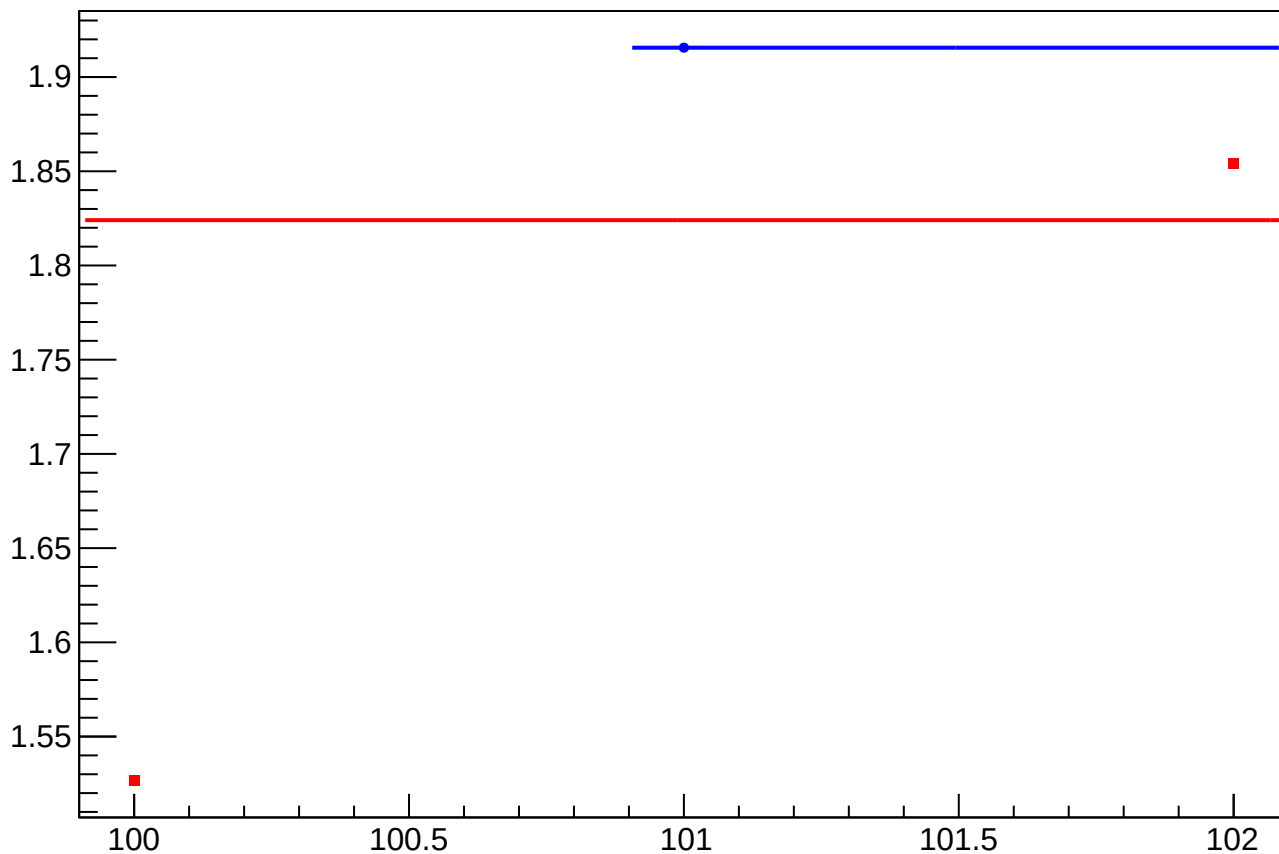
Right: 0.004+/-0.000 χ^2/NDF : 6441.8/2

In: 0.004+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 6441.8/2

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 1.916+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.824+/-0.000 χ^2/NDF : 101114989.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

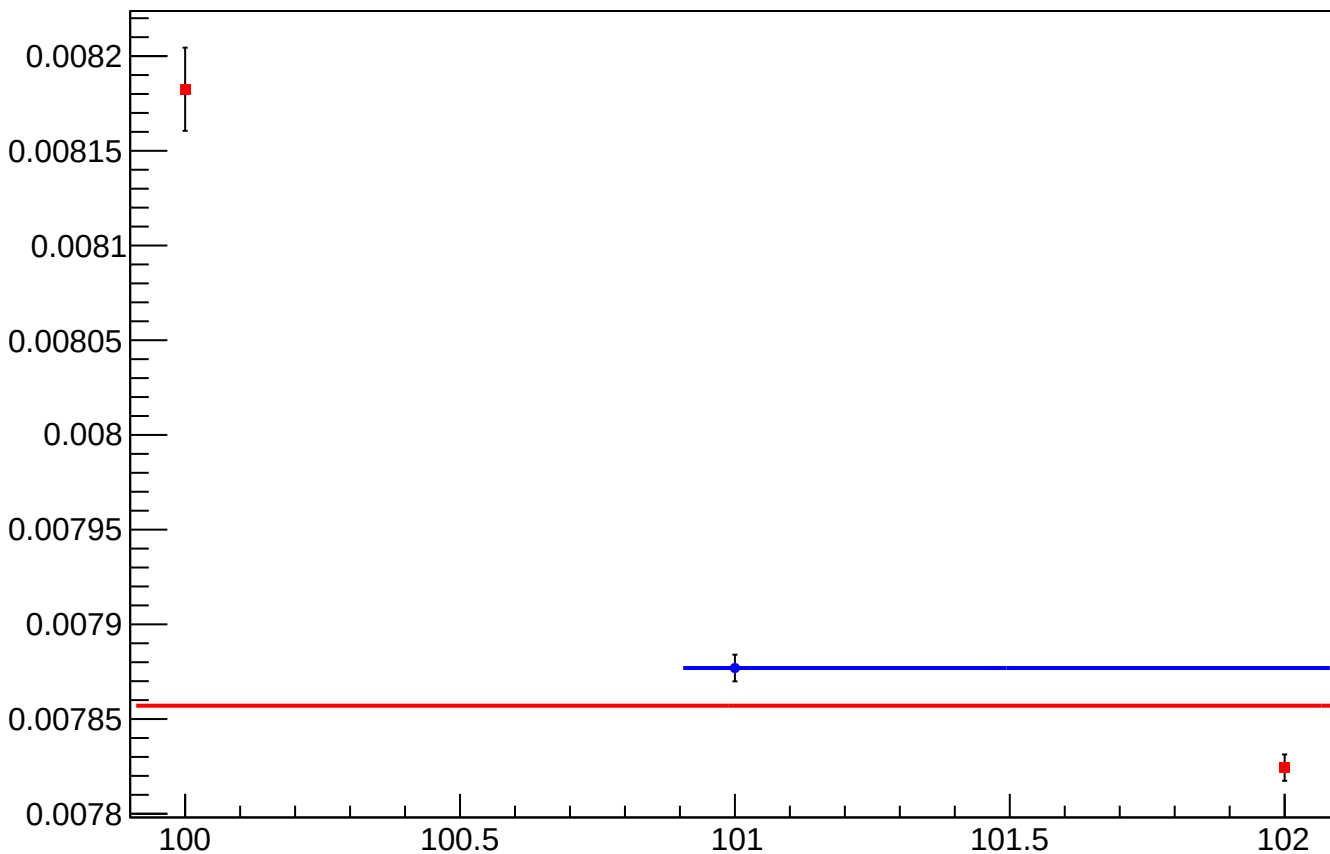
Right: 1.867+/-0.000 χ^2/NDF : 145830021.9/2

In: 1.916+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.867+/-0.000 χ^2/NDF : 145830021.9/2

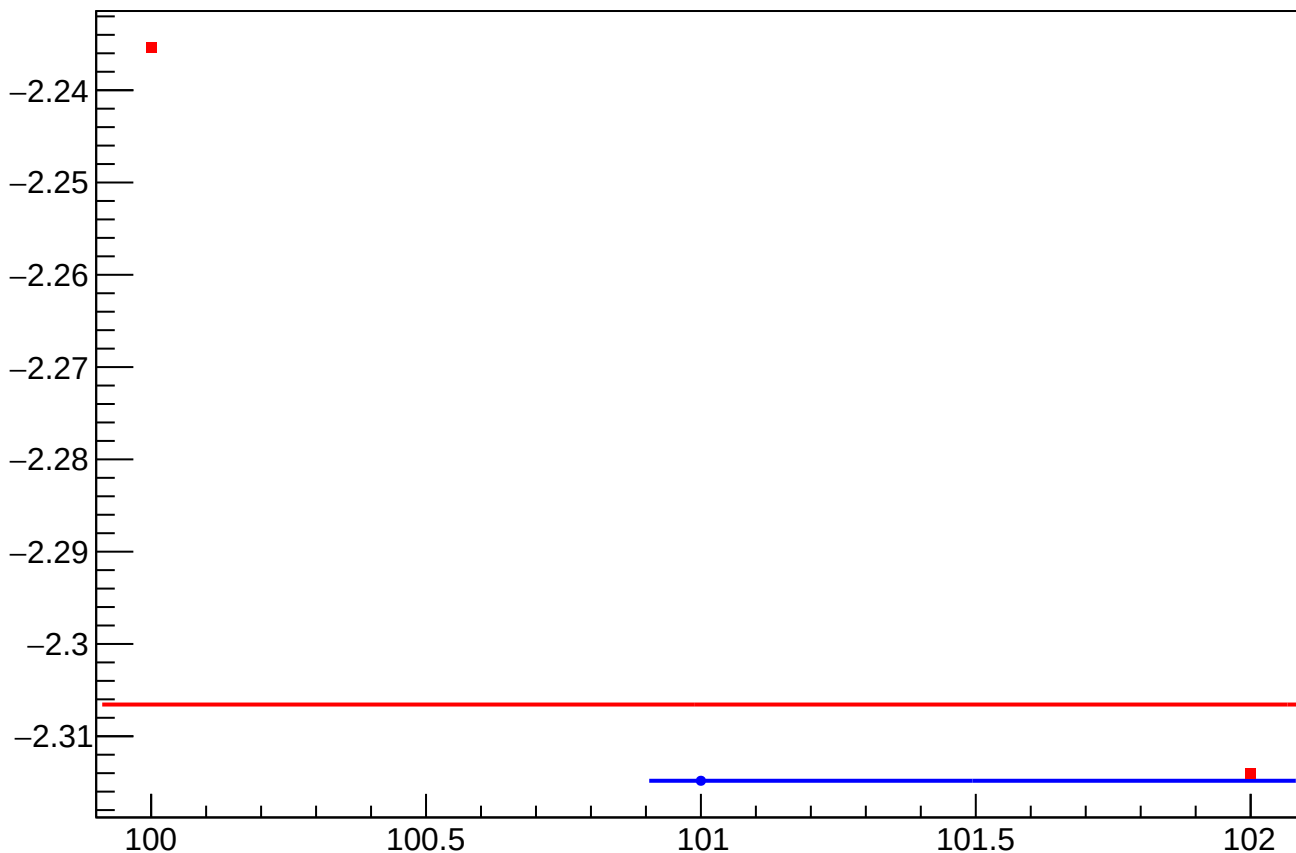
yield_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.008+/-0.000 χ^2/NDF : 242.0/1
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.008+/-0.000 χ^2/NDF : 246.2/2
In: 0.008+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.008+/-0.000 χ^2/NDF : 246.2/2

yield_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -2.315+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.307+/-0.000 χ^2/NDF : 63619339.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

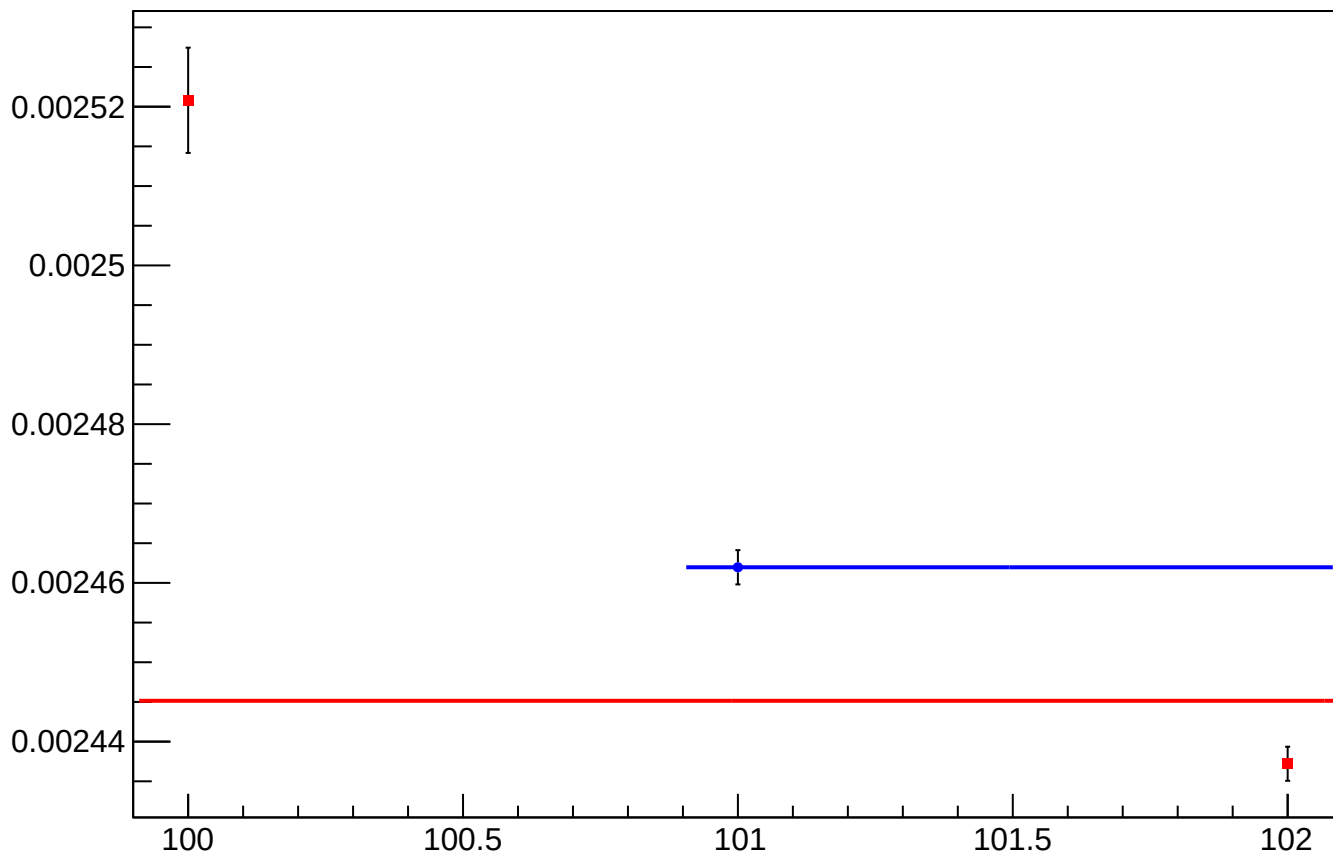
Right: -2.310+/-0.000 χ^2/NDF : 67480982.2/2

In: -2.315+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.310+/-0.000 χ^2/NDF : 67480982.2/2

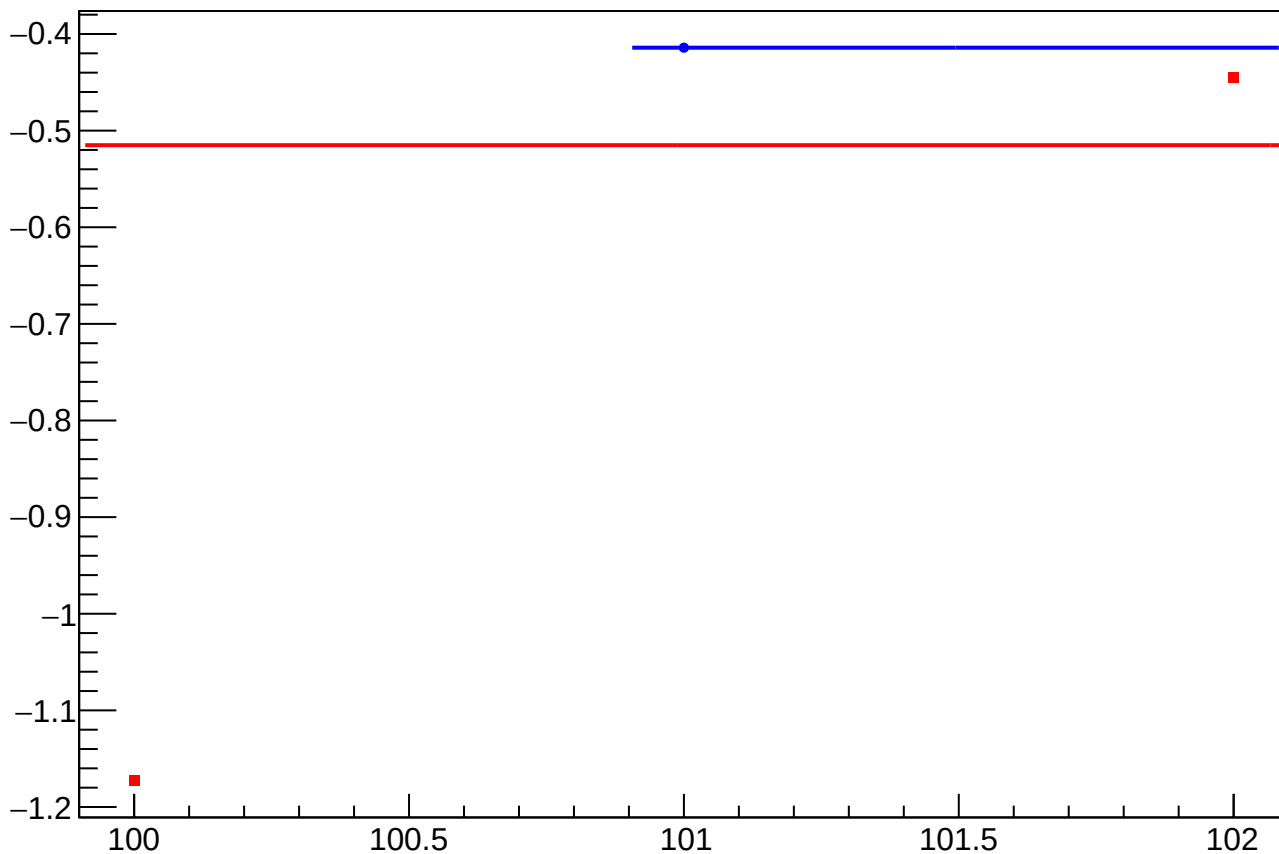
yield_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.002+/-0.000 χ^2/NDF : 143.8/1
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.002+/-0.000 χ^2/NDF : 175.9/2
In: 0.002+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.002+/-0.000 χ^2/NDF : 175.9/2

yield_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -0.414+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.515+/-0.000 χ^2/NDF : 197094648.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

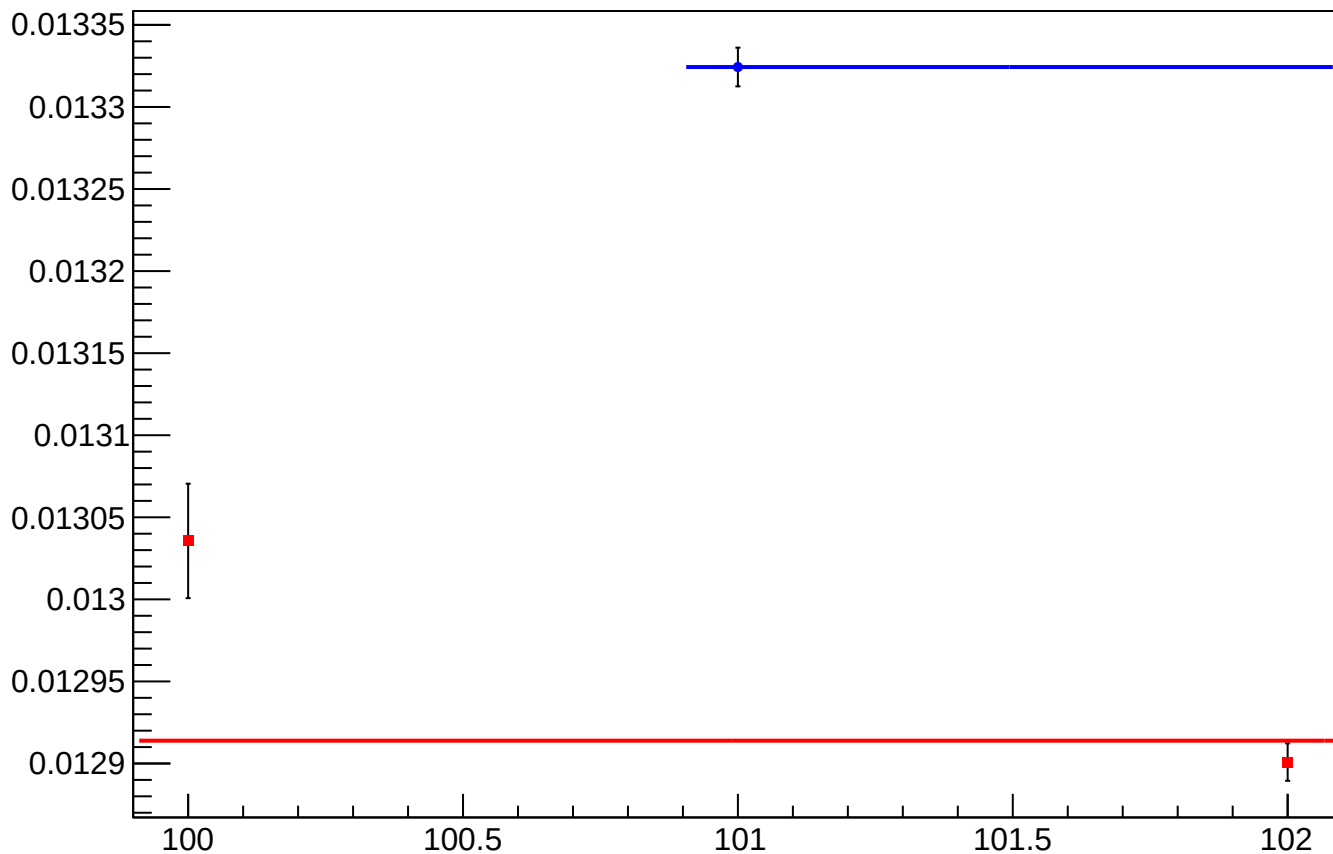
Right: -0.469+/-0.000 χ^2/NDF : 216933332.8/2

In: -0.414+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.469+/-0.000 χ^2/NDF : 216933332.8/2

yield_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 13.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

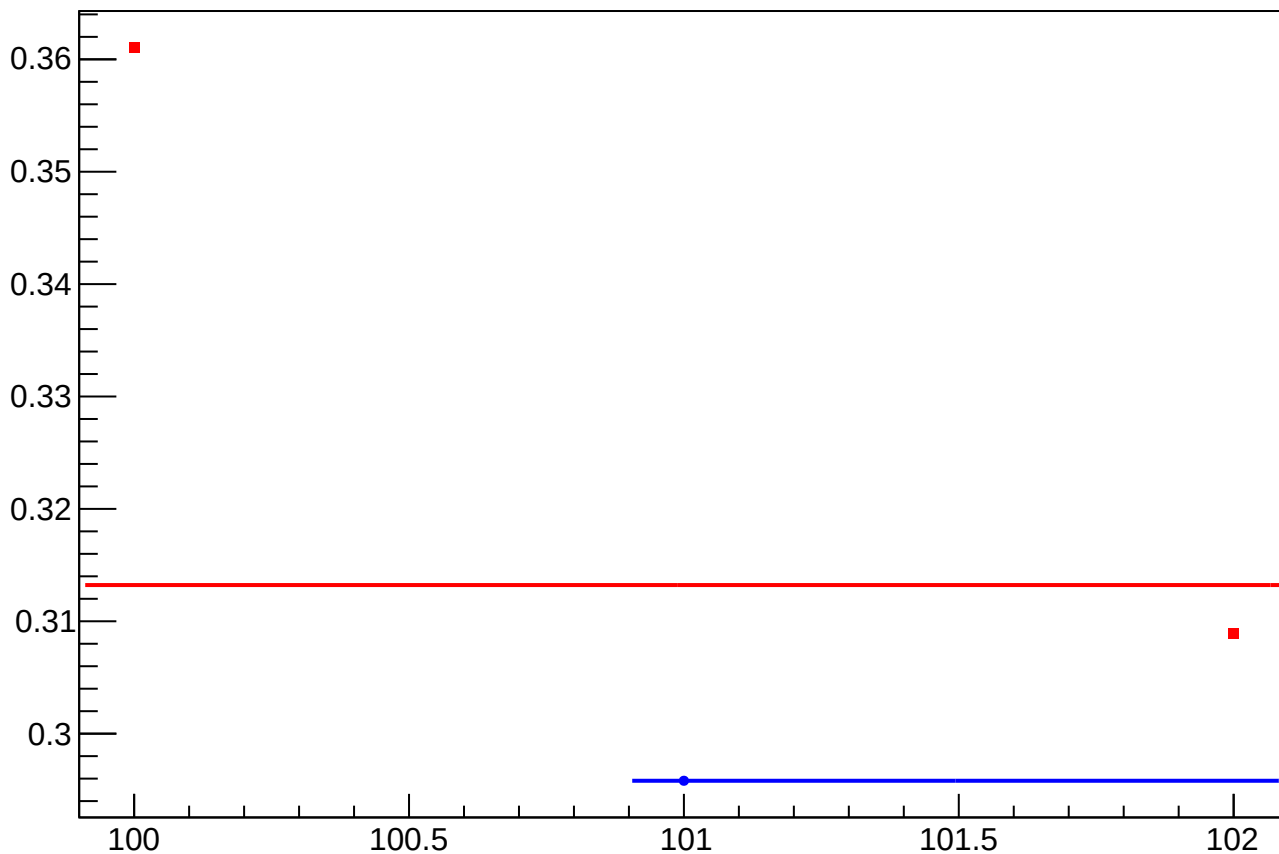
Right: 0.013+/-0.000 χ^2/NDF : 669.9/2

In: 0.013+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 669.9/2

yield_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: 0.296+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.313+/-0.000 χ^2/NDF : 25529534.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

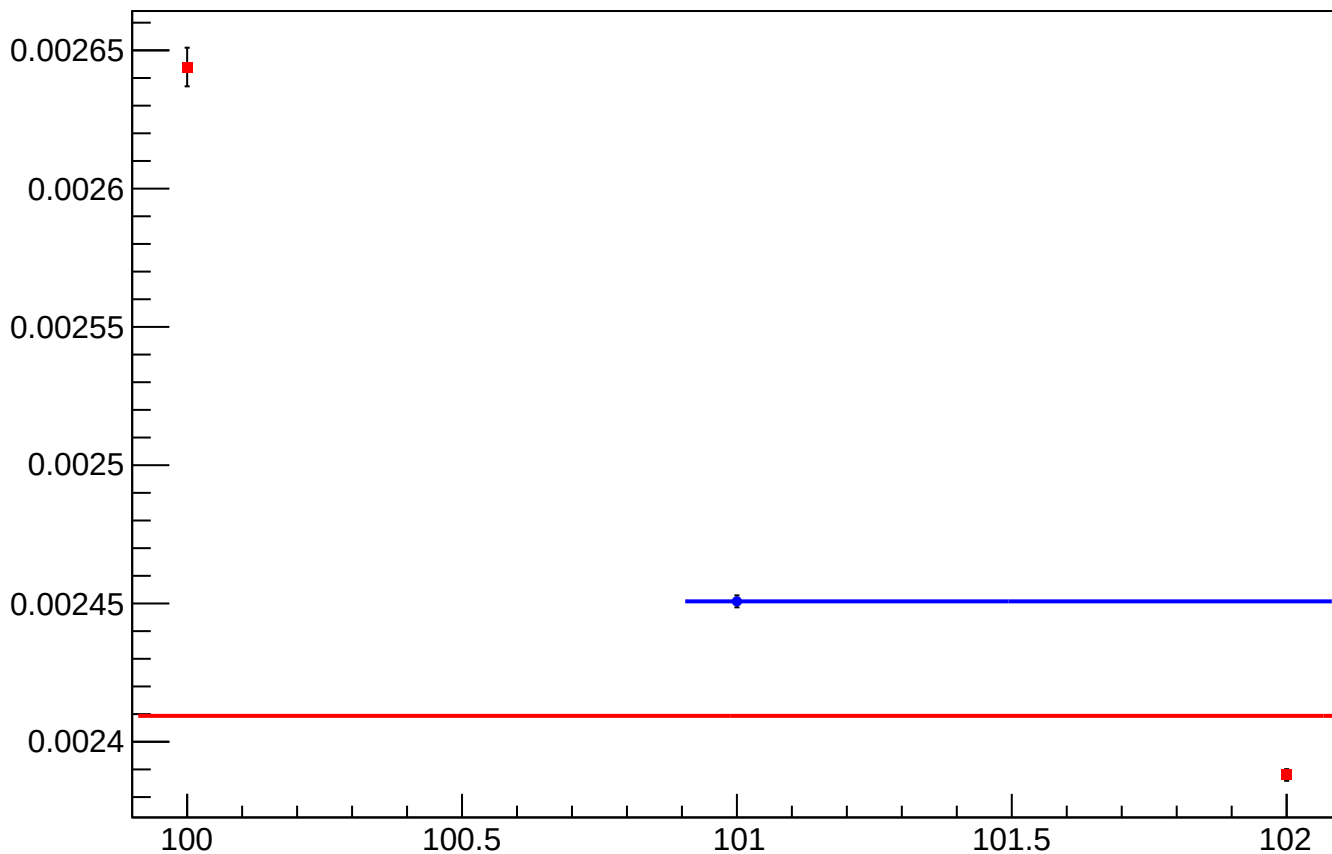
Right: 0.305+/-0.000 χ^2/NDF : 42872357.0/2

In: 0.296+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.305+/-0.000 χ^2/NDF : 42872357.0/2

yield_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1229.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

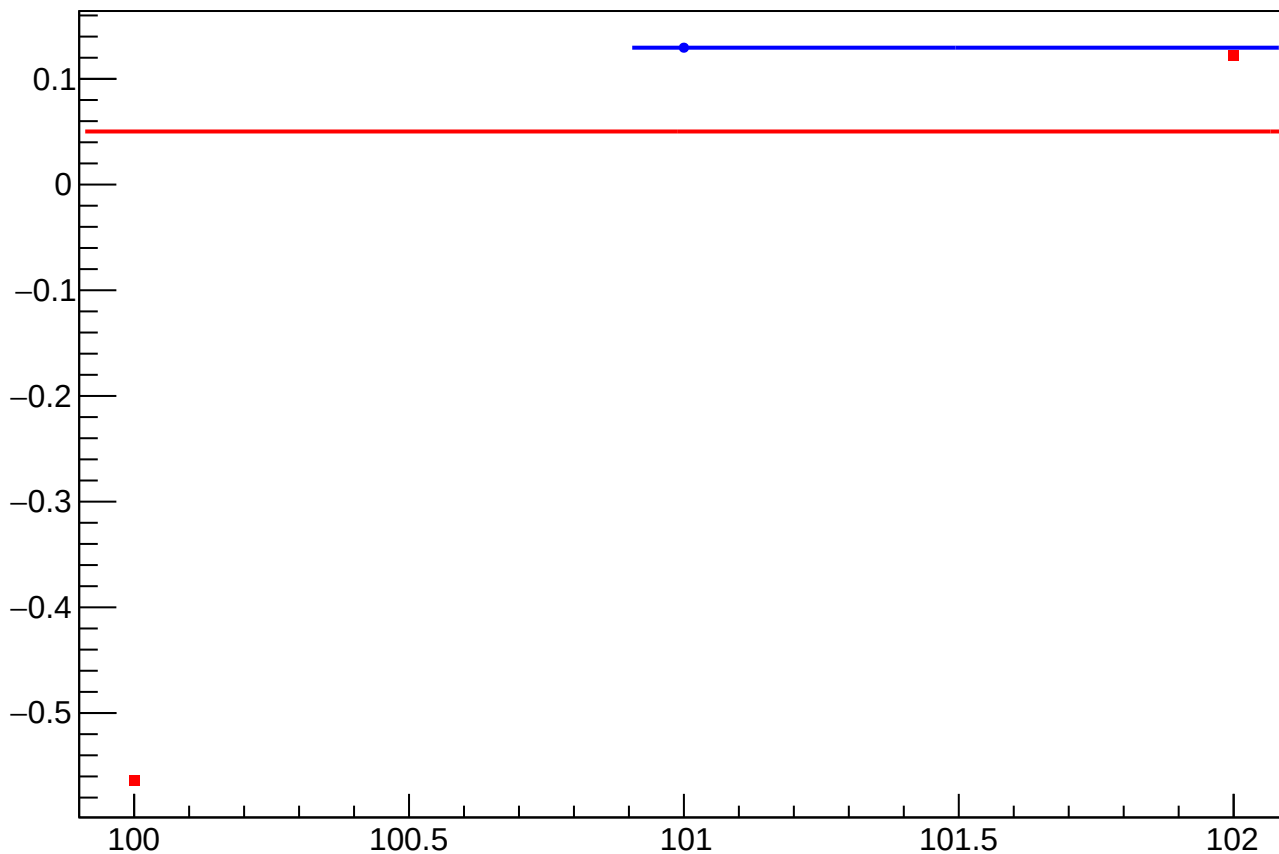
Right: 0.002+/-0.000 χ^2/NDF : 1425.7/2

In: 0.002+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1425.7/2

yield_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 0.130+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.050+/-0.000 χ^2/NDF : 212926090.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

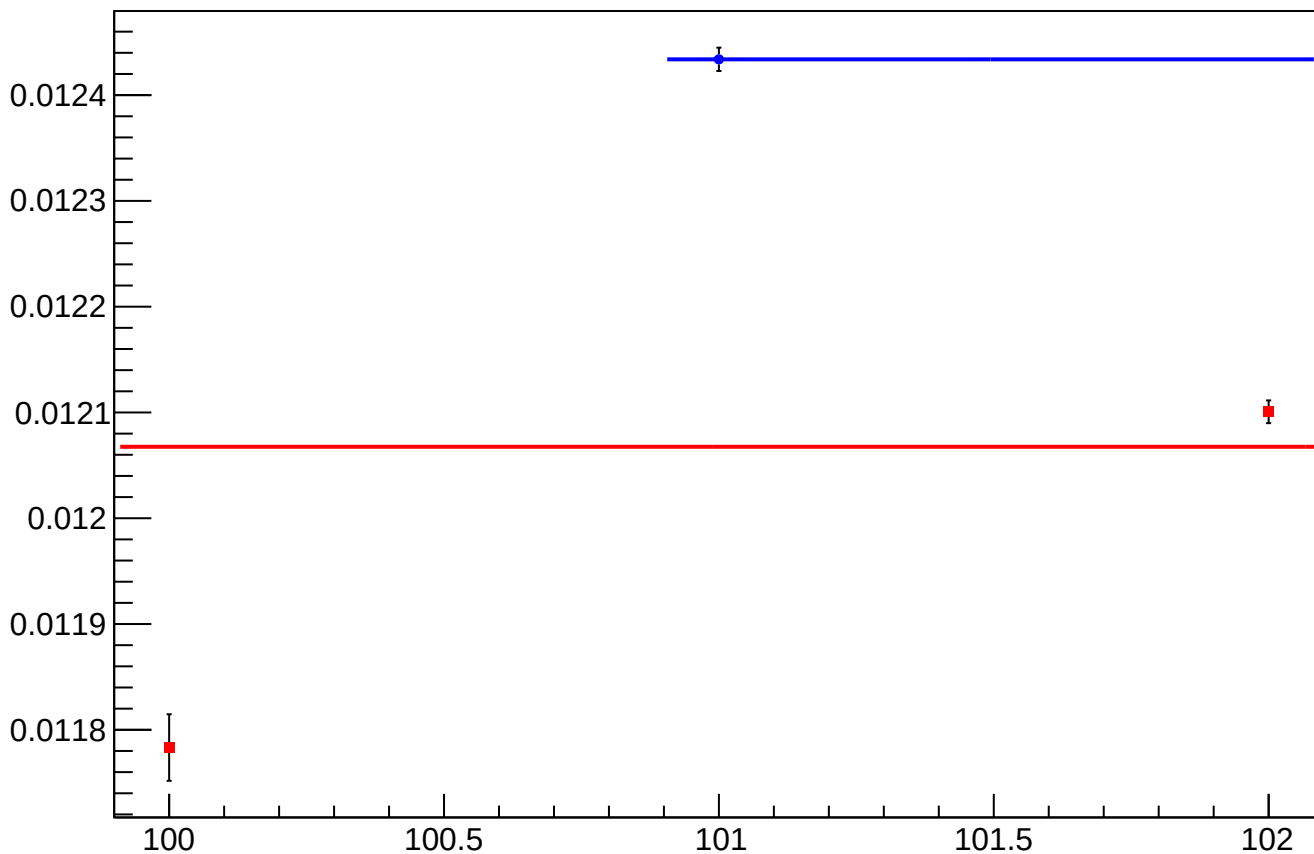
Right: 0.087+/-0.000 χ^2/NDF : 226905409.2/2

In: 0.130+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.087+/-0.000 χ^2/NDF : 226905409.2/2

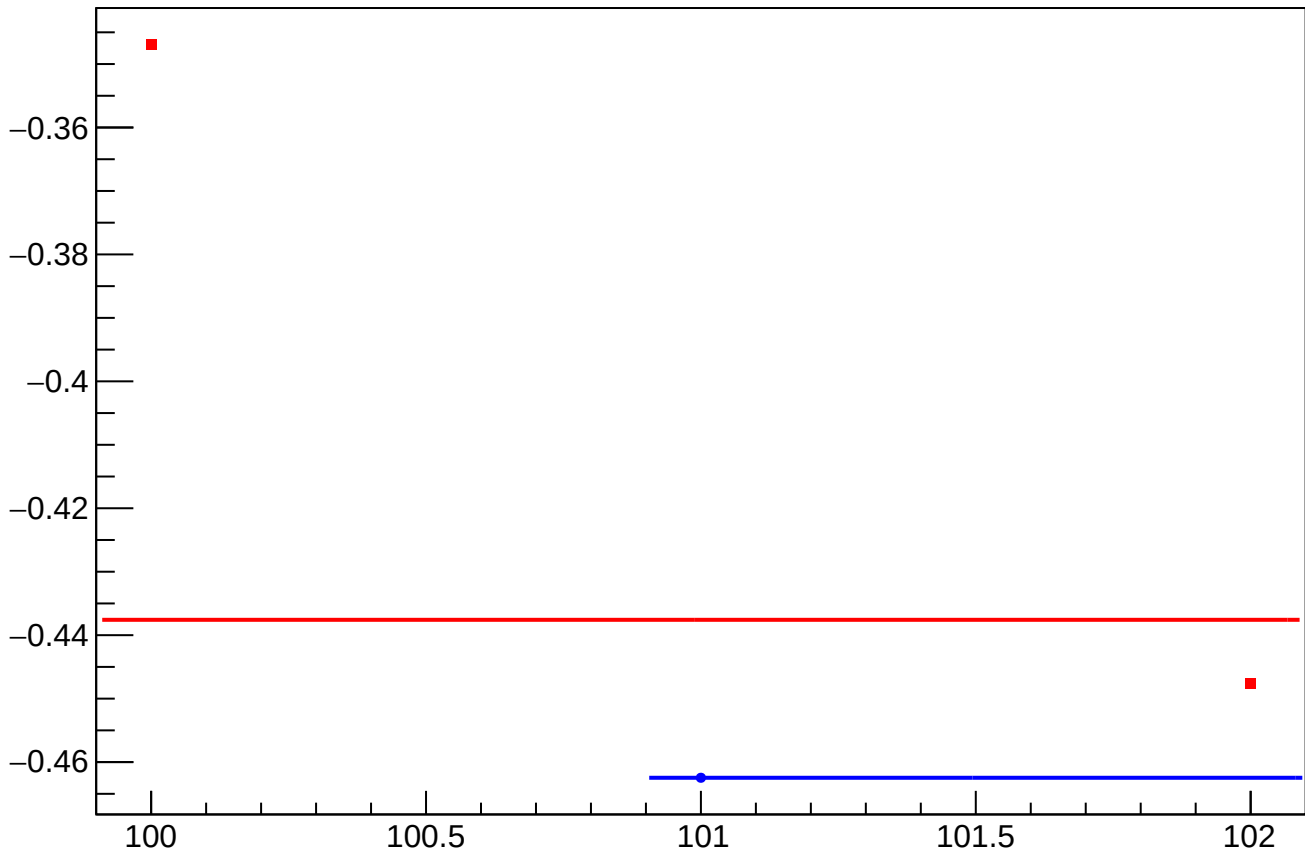
yield_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 0.012 +/- 0.000 χ^2/NDF : 0.0/0
Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
Right Out: 0.012 +/- 0.000 χ^2/NDF : 91.2/1
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
Right: 0.012 +/- 0.000 χ^2/NDF : 687.9/2
In: 0.012 +/- 0.000 χ^2/NDF : 0.0/0
Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
All: 0.012 +/- 0.000 χ^2/NDF : 687.9/2

yield_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -0.462 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.438 $\pm$ 0.000 χ^2 /NDF: 47700930.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

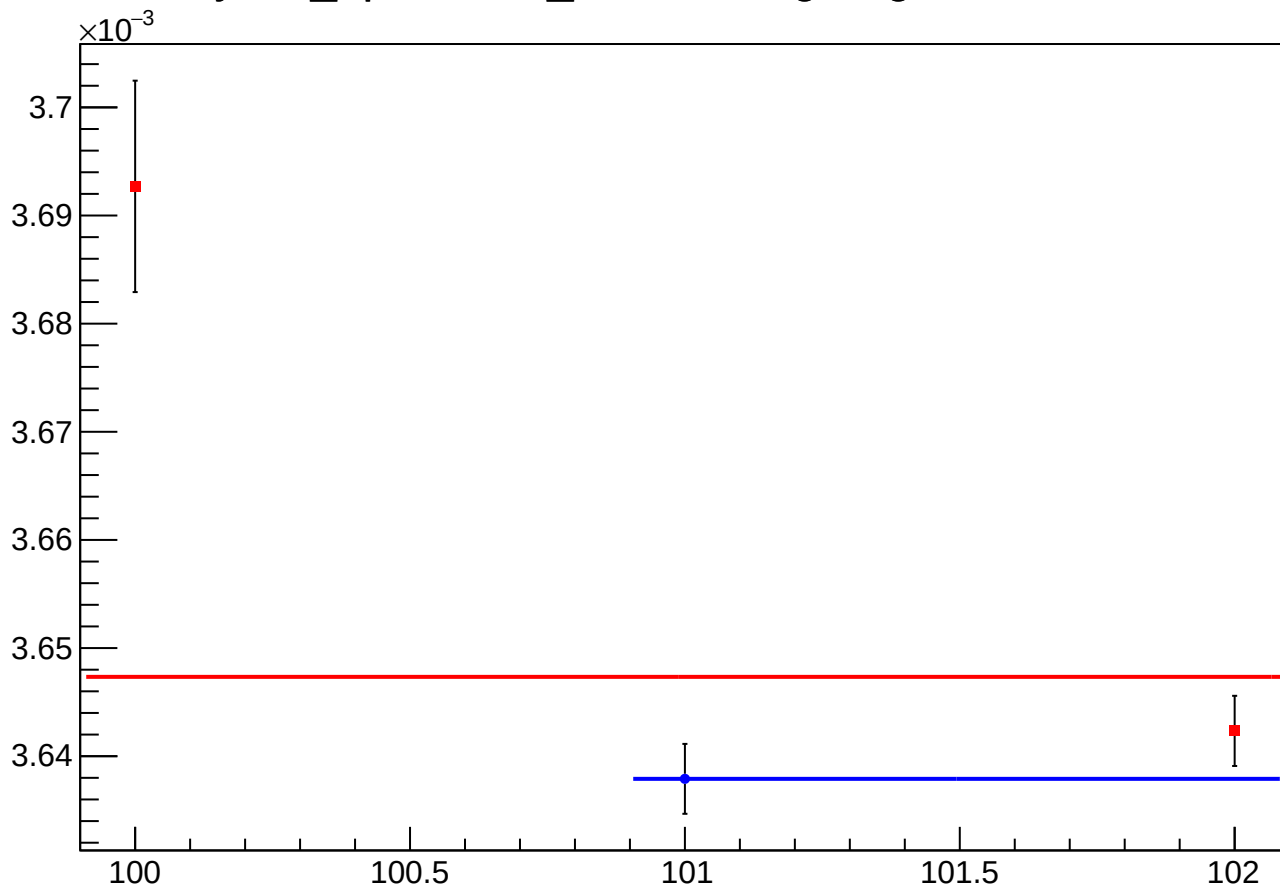
Right: -0.449 $\pm$ 0.000 χ^2 /NDF: 63246126.9/2

In: -0.462 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.449 $\pm$ 0.000 χ^2 /NDF: 63246126.9/2

yield_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 23.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

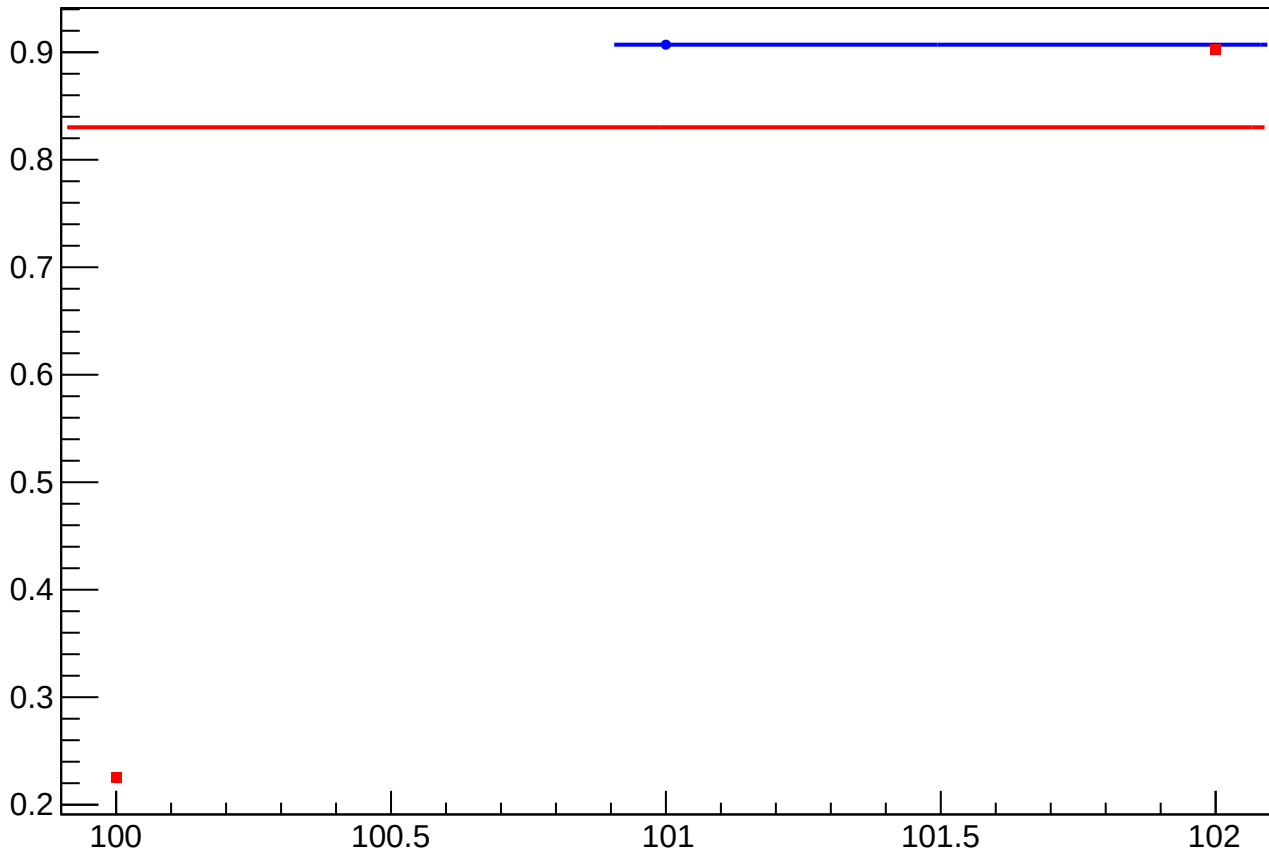
Right: 0.004+/-0.000 χ^2/NDF : 28.4/2

In: 0.004+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 28.4/2

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.907+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.830+/-0.000 χ^2/NDF : 188010543.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

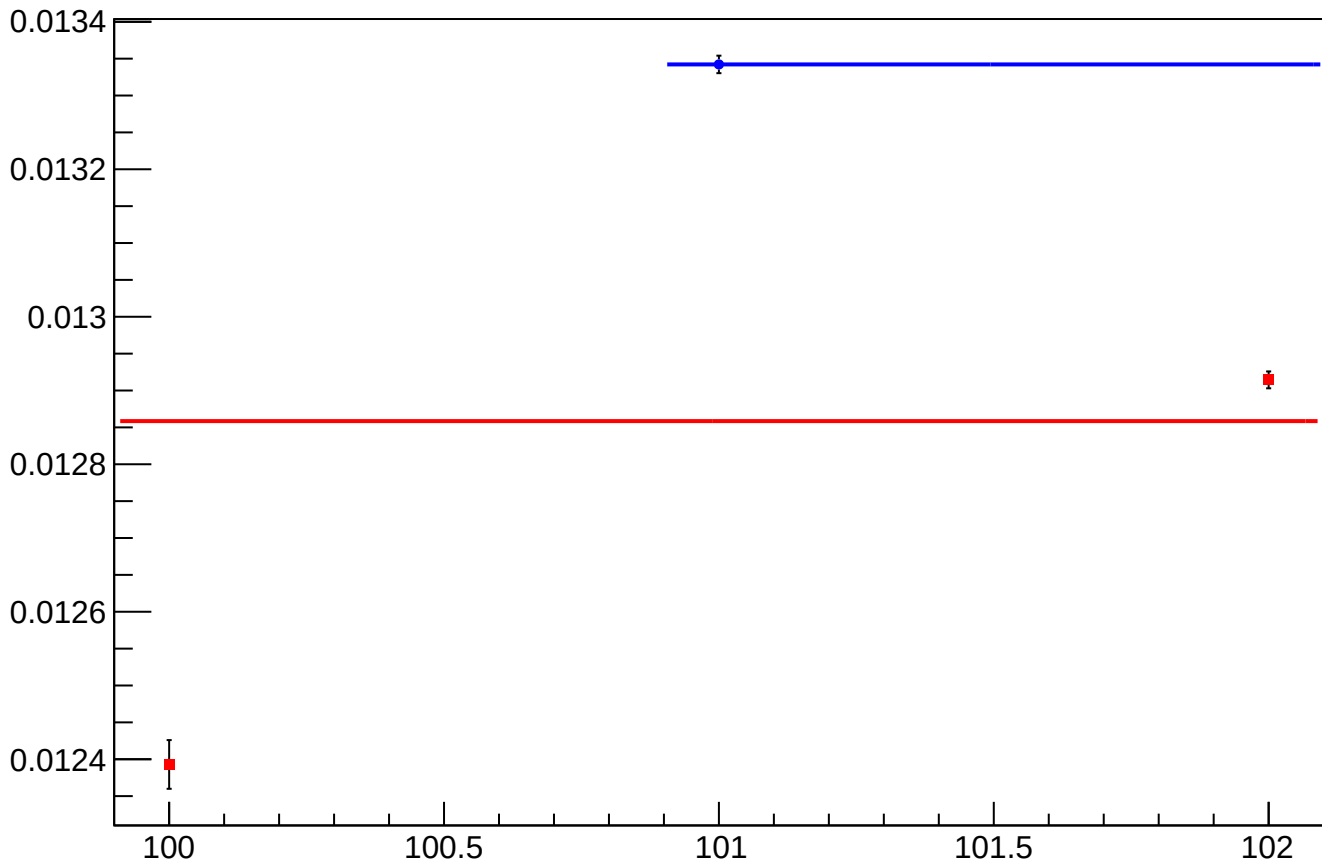
Right: 0.865+/-0.000 χ^2/NDF : 199459994.7/2

In: 0.907+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.865+/-0.000 χ^2/NDF : 199459994.7/2

yield_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 222.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

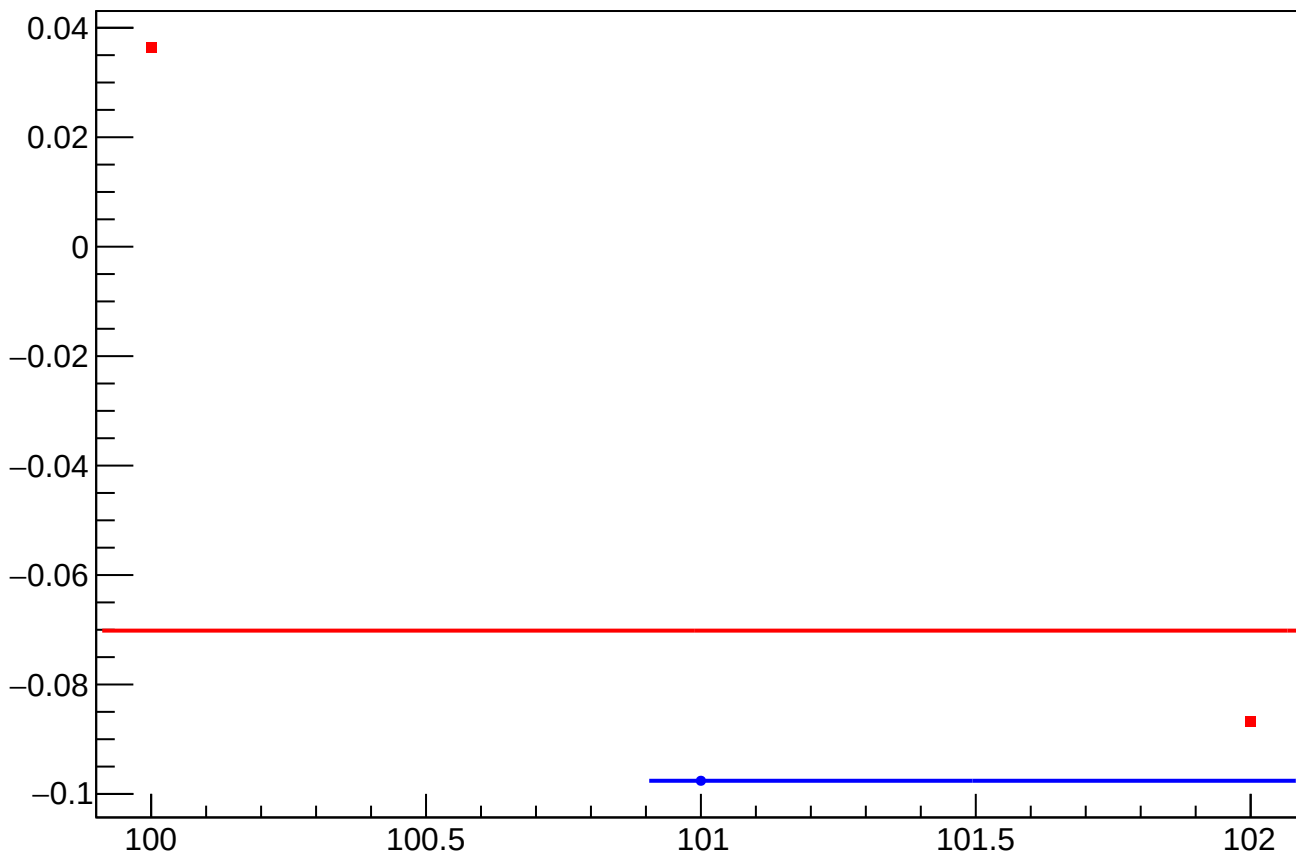
Right: 0.013+/-0.000 χ^2/NDF : 1130.4/2

In: 0.013+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 1130.4/2

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -0.098+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.070+/-0.000 χ^2/NDF : 76552122.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

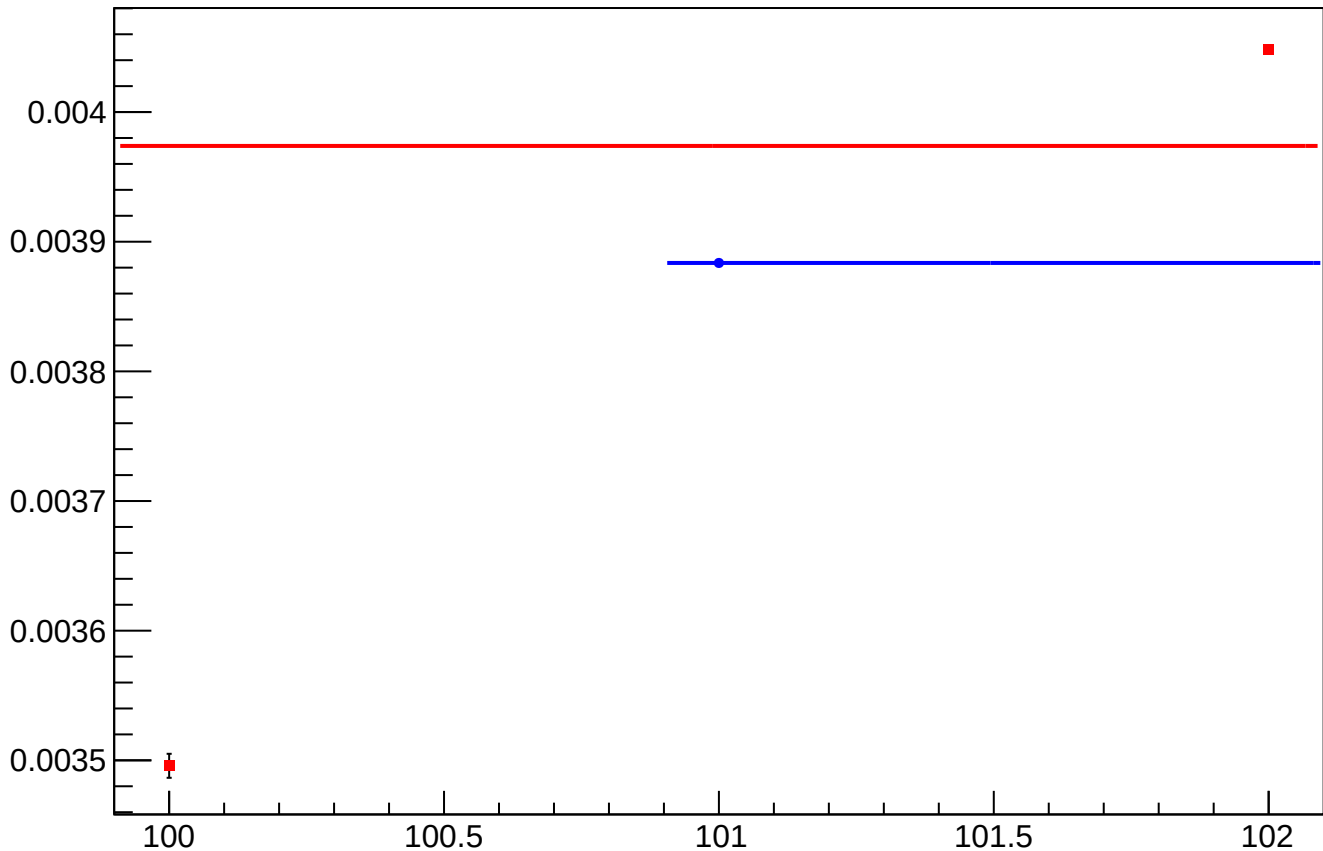
Right: -0.084+/-0.000 χ^2/NDF : 92483664.4/2

In: -0.098+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.084+/-0.000 χ^2/NDF : 92483664.4/2

yield_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 3084.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

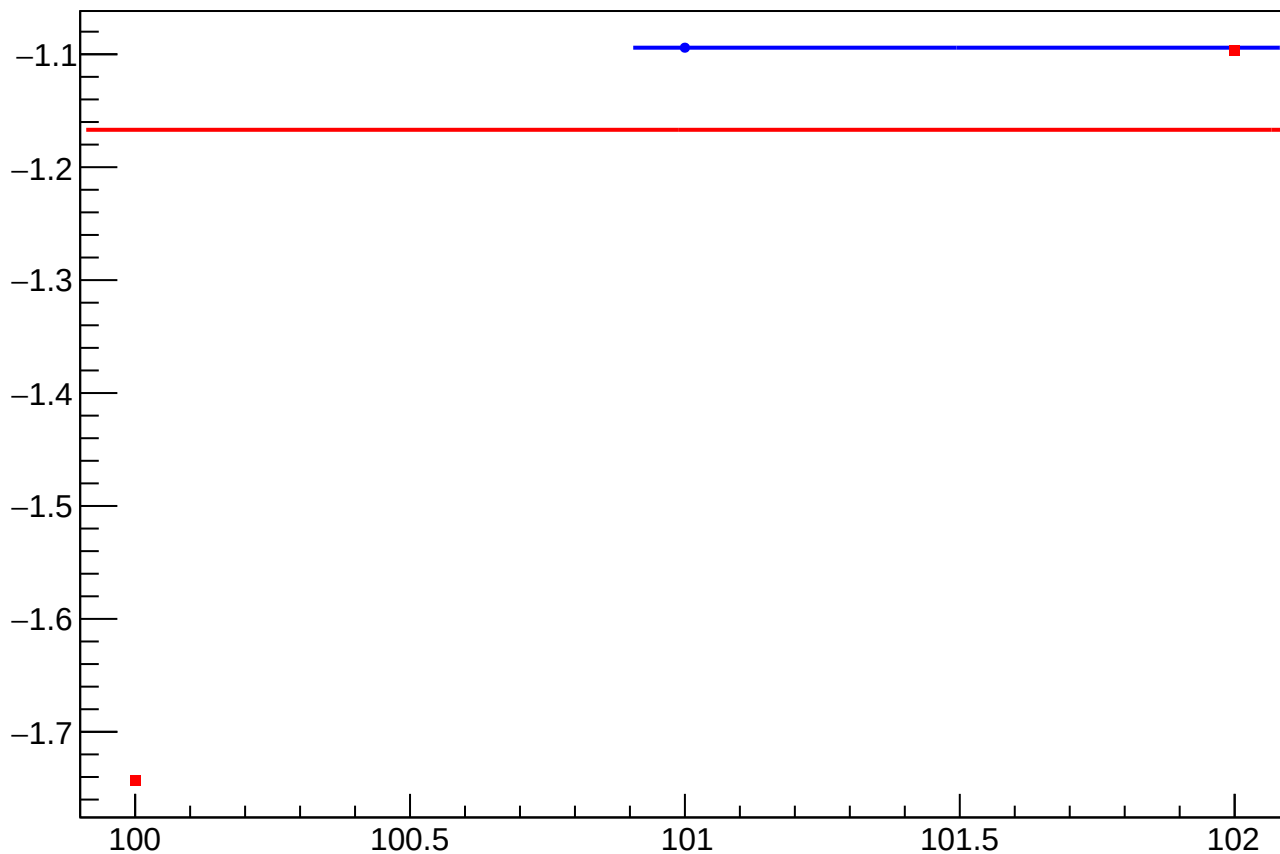
Right: 0.004+/-0.000 χ^2/NDF : 3429.6/2

In: 0.004+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 3429.6/2

yield_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -1.094+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.167+/-0.000 χ^2/NDF : 196148827.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

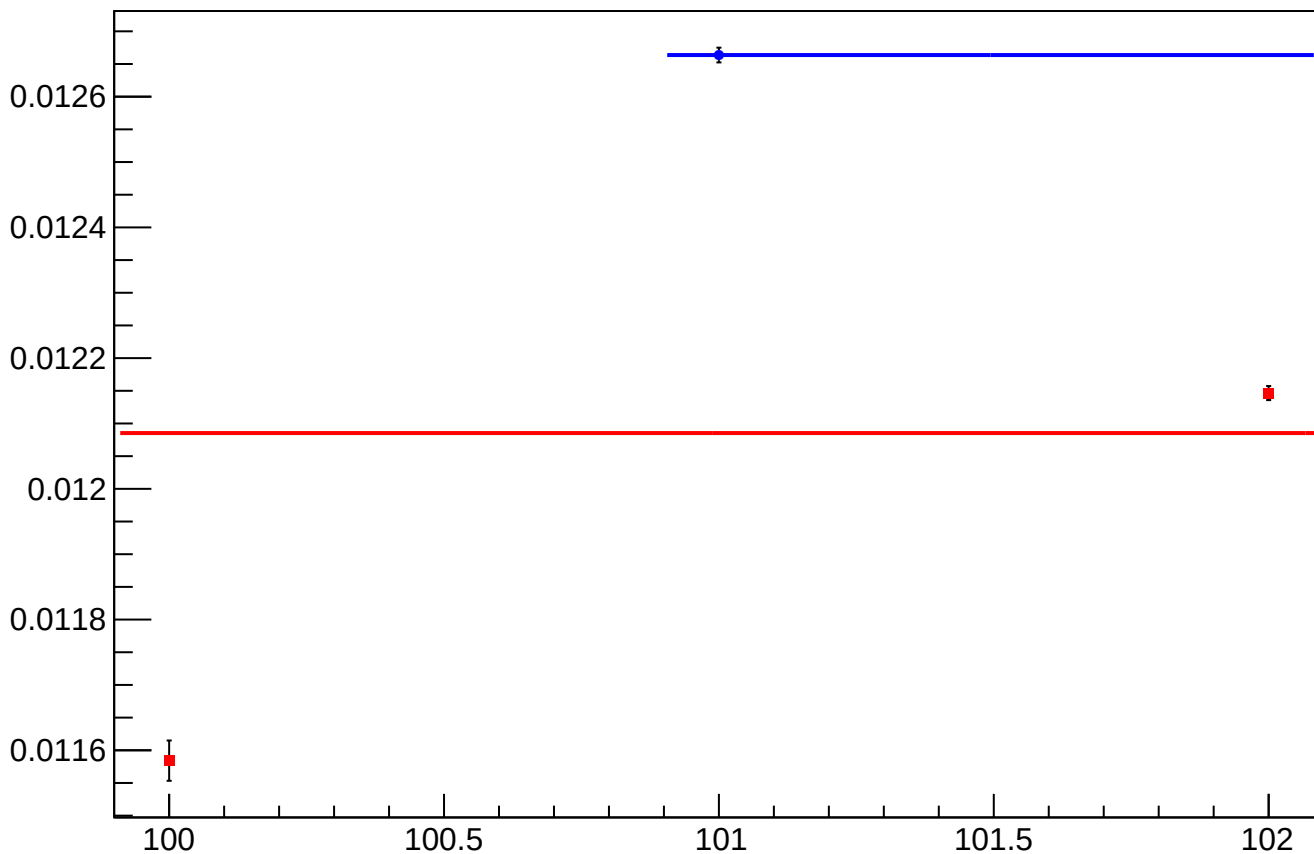
Right: -1.134+/-0.000 χ^2/NDF : 207607668.6/2

In: -1.094+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.134+/-0.000 χ^2/NDF : 207607668.6/2

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 296.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

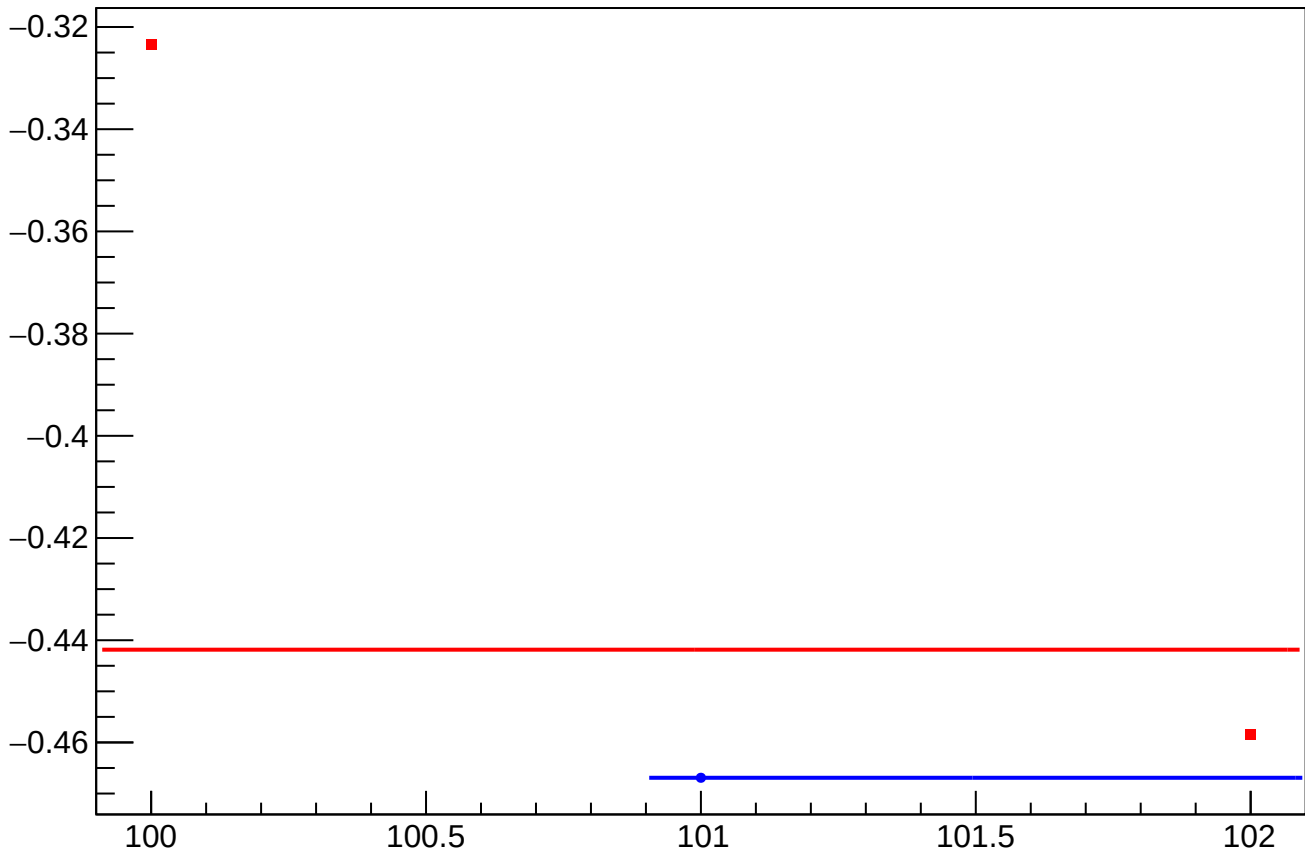
Right: 0.012+/-0.000 χ^2/NDF : 1746.5/2

In: 0.013+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 1746.5/2

yield_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -0.467+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.442+/-0.000 χ^2/NDF : 97416911.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

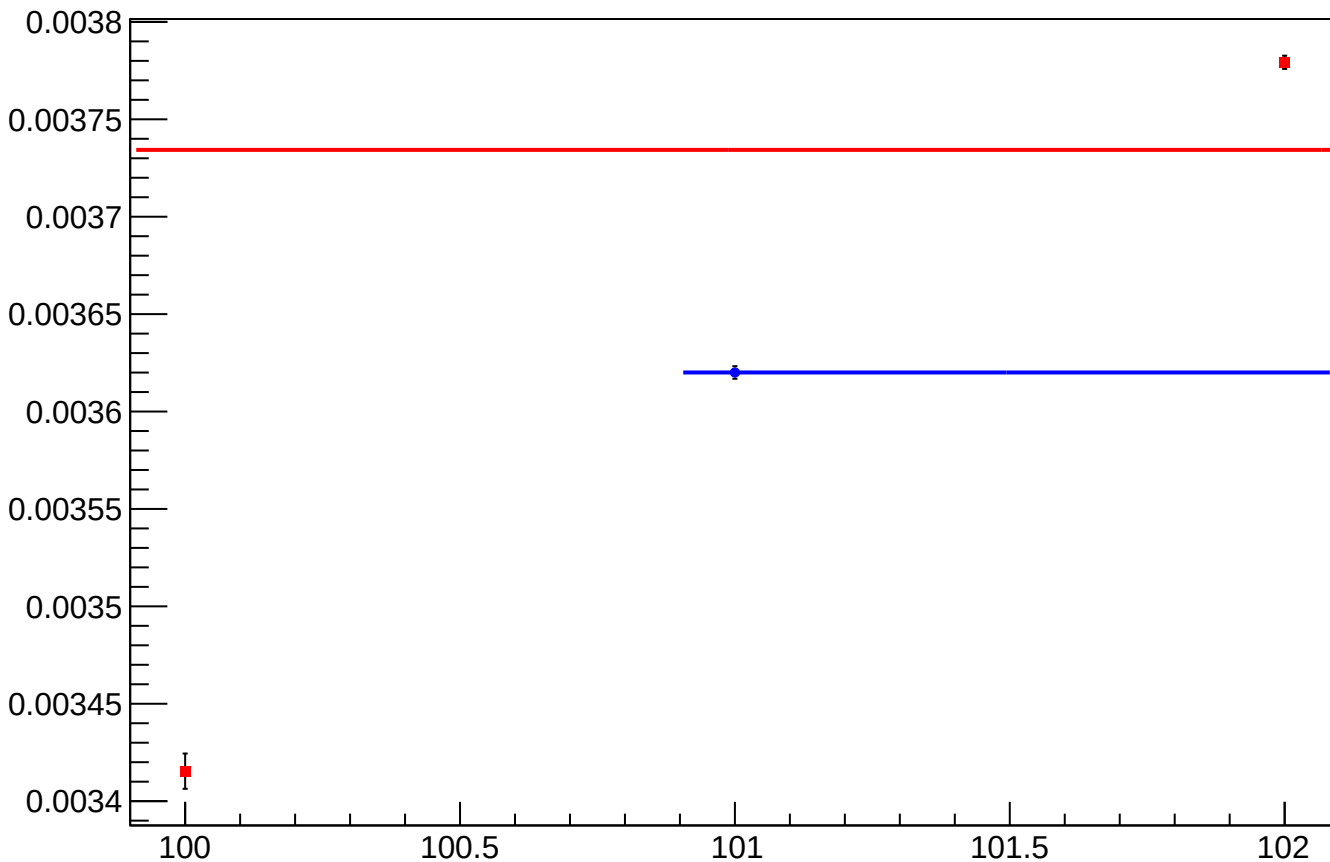
Right: -0.454+/-0.000 χ^2/NDF : 112688615.8/2

In: -0.467+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.454+/-0.000 χ^2/NDF : 112688615.8/2

yield_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 1414.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

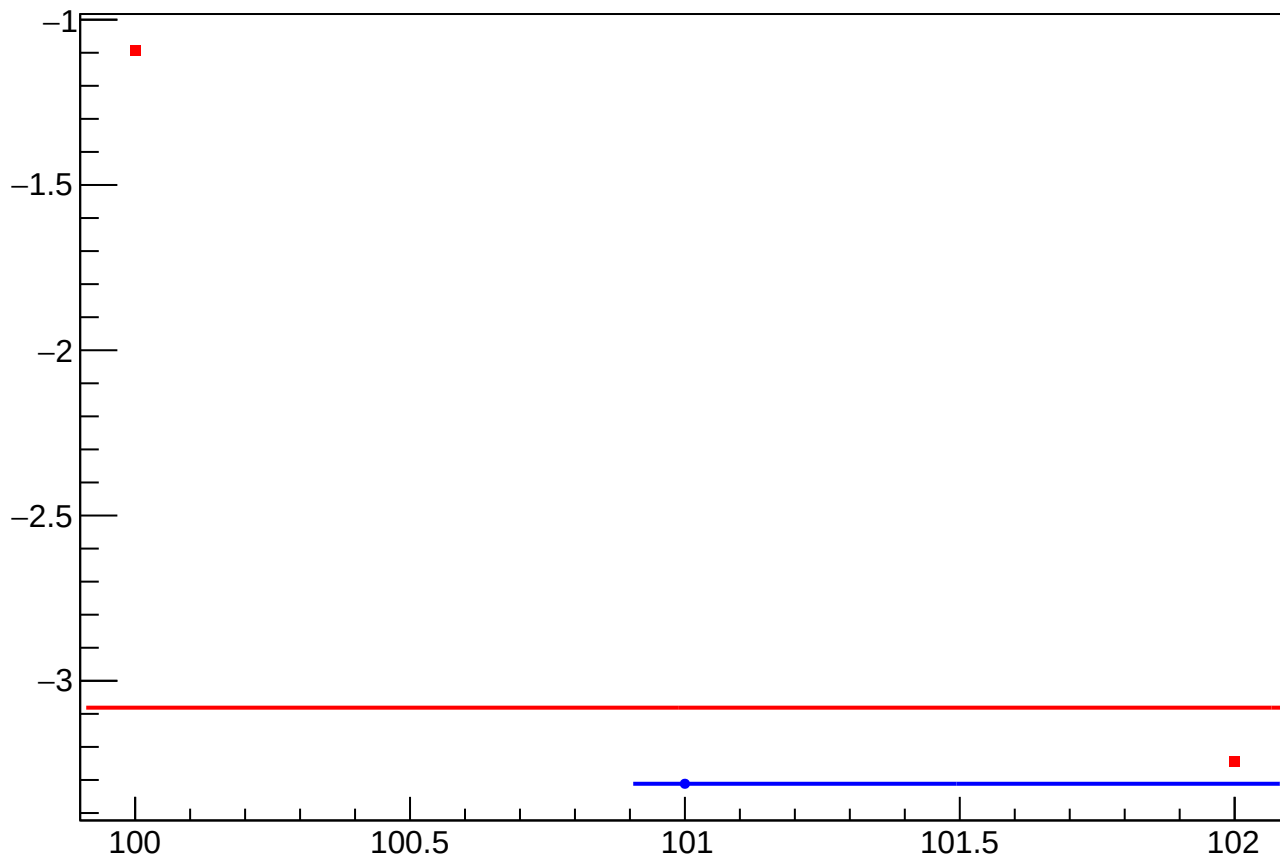
Right: 0.004+/-0.000 χ^2/NDF : 2048.7/2

In: 0.004+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 2048.7/2

yield_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -3.311+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.081+/-0.000 χ^2/NDF : 42190279.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

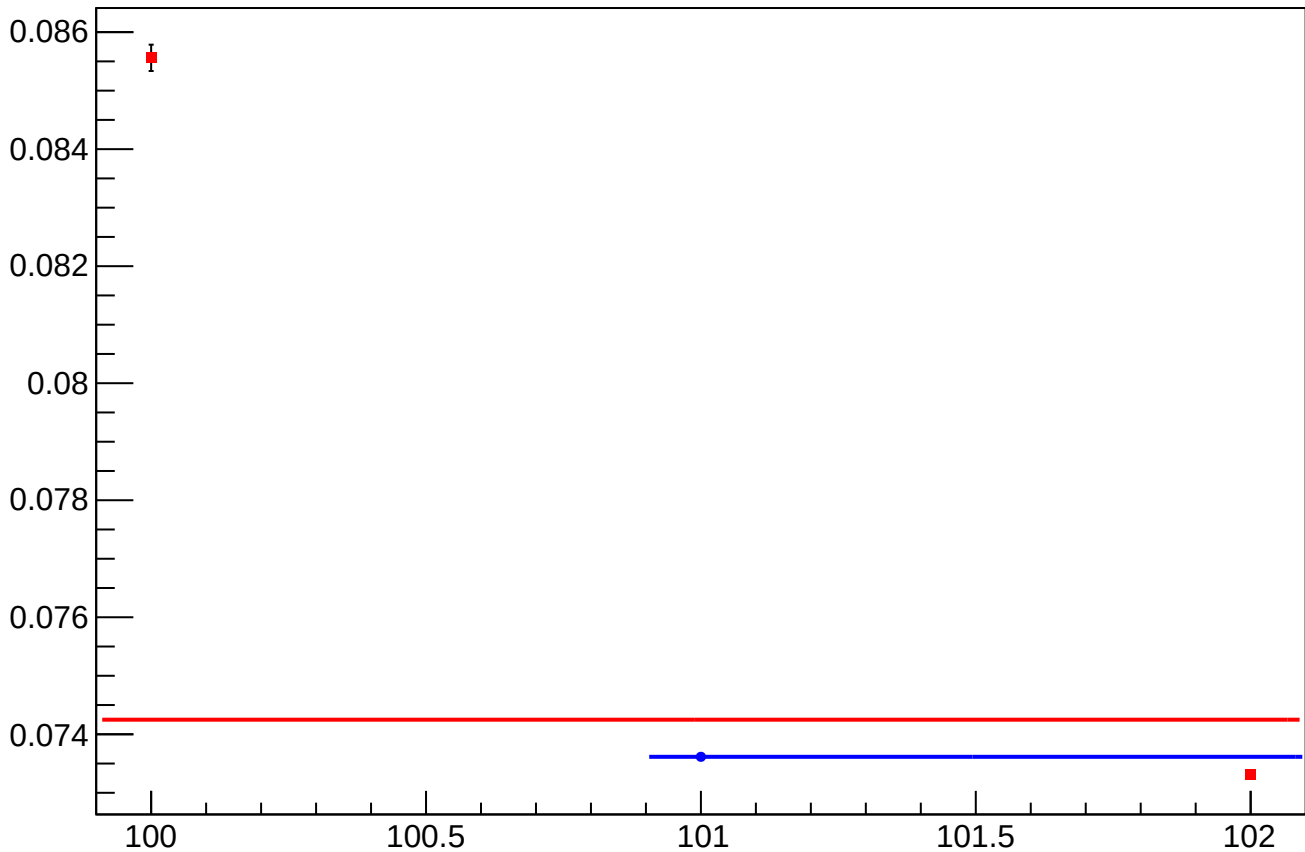
Right: -3.192+/-0.000 χ^2/NDF : 45495612.4/2

In: -3.311+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.192+/-0.000 χ^2/NDF : 45495612.4/2

yield_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 0.074+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.074+/-0.000 χ^2/NDF : 2733.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

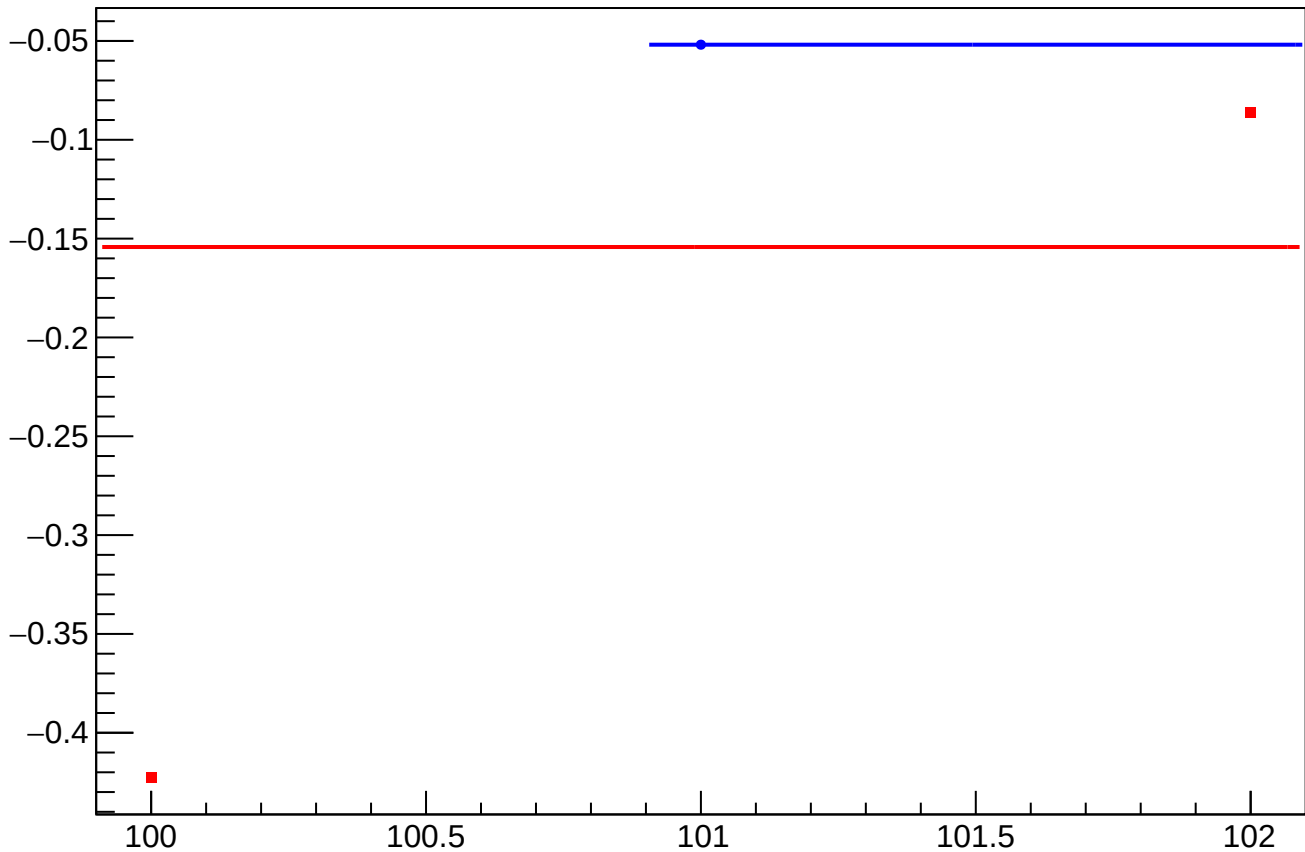
Right: 0.074+/-0.000 χ^2/NDF : 2783.9/2

In: 0.074+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.074+/-0.000 χ^2/NDF : 2783.9/2

yield_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: -0.052+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.154+/-0.000 χ^2/NDF : 180323917.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

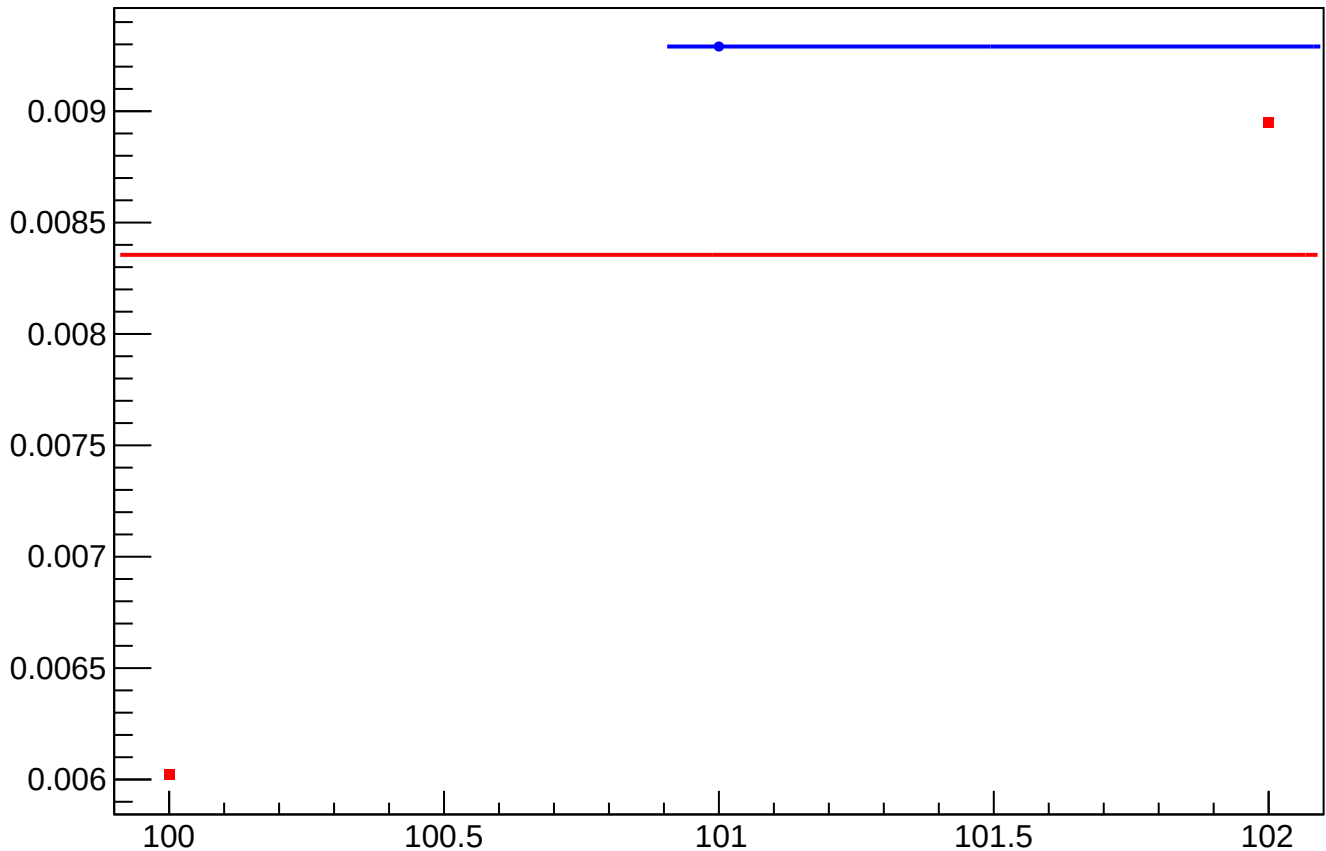
Right: -0.111+/-0.000 χ^2/NDF : 224141533.9/2

In: -0.052+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.111+/-0.000 χ^2/NDF : 224141533.9/2

yield_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 27196.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

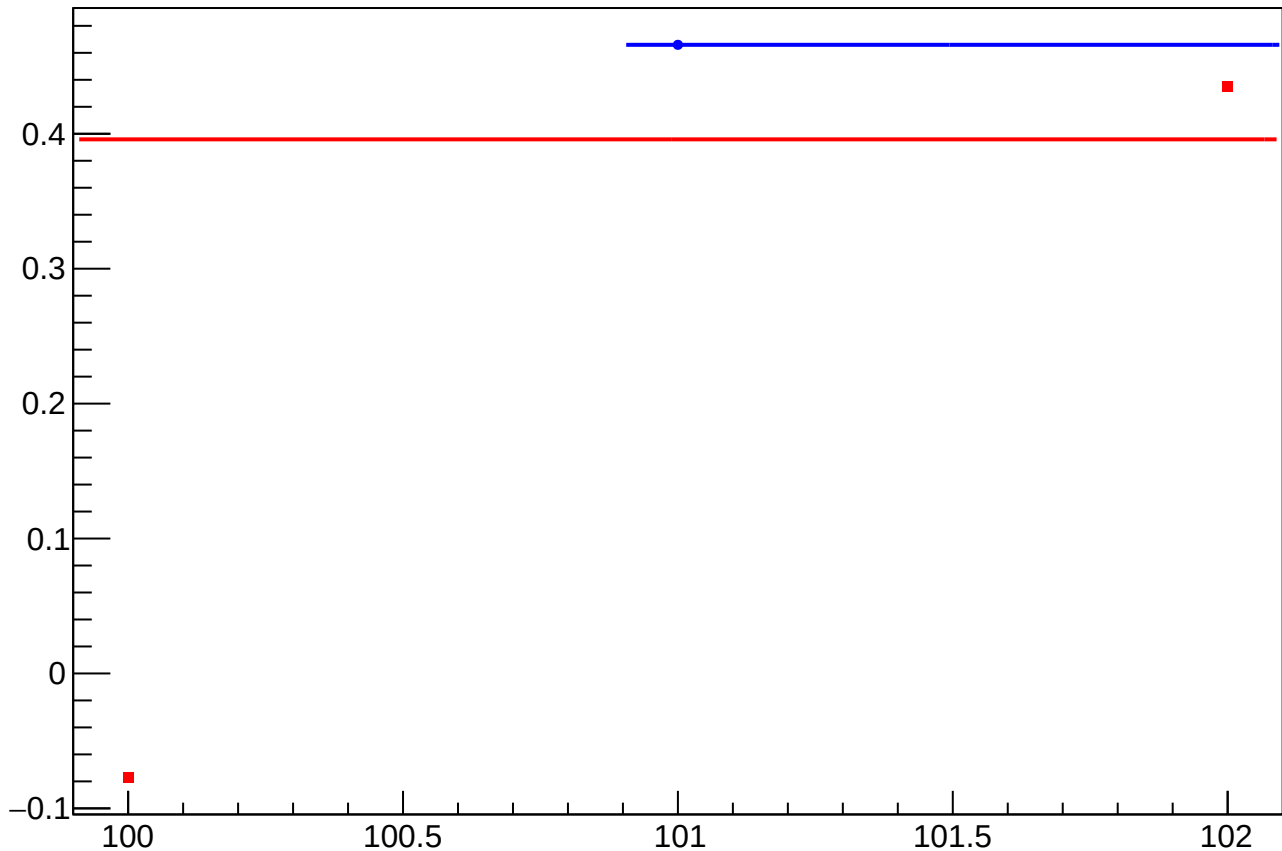
Right: 0.009+/-0.000 χ^2/NDF : 34511.3/2

In: 0.009+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 34511.3/2

yield_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 0.466+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.396+/-0.000 χ^2/NDF : 1619535.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

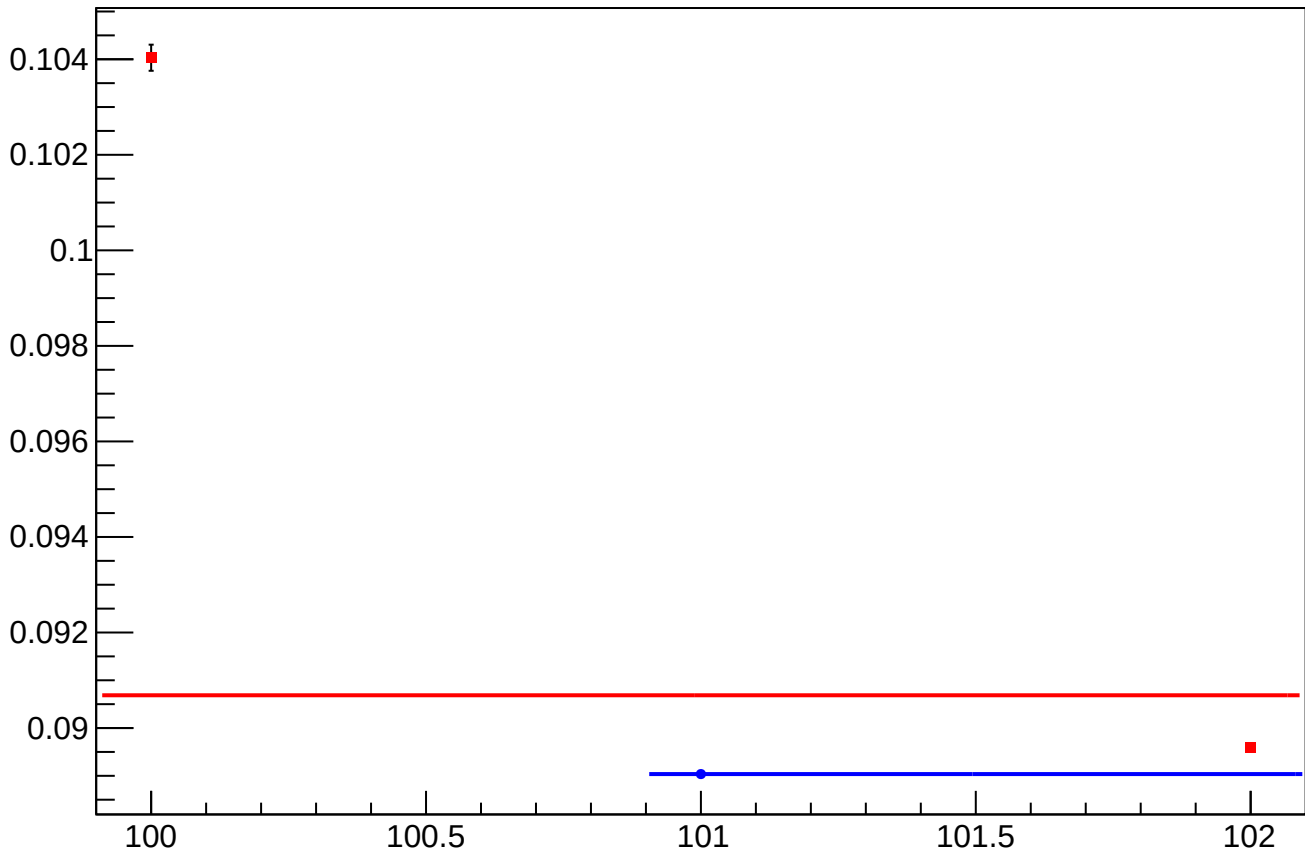
Right: 0.430+/-0.000 χ^2/NDF : 1827860.9/2

In: 0.466+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.430+/-0.000 χ^2/NDF : 1827860.9/2

yield_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 0.089+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.091+/-0.000 χ^2/NDF : 2580.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

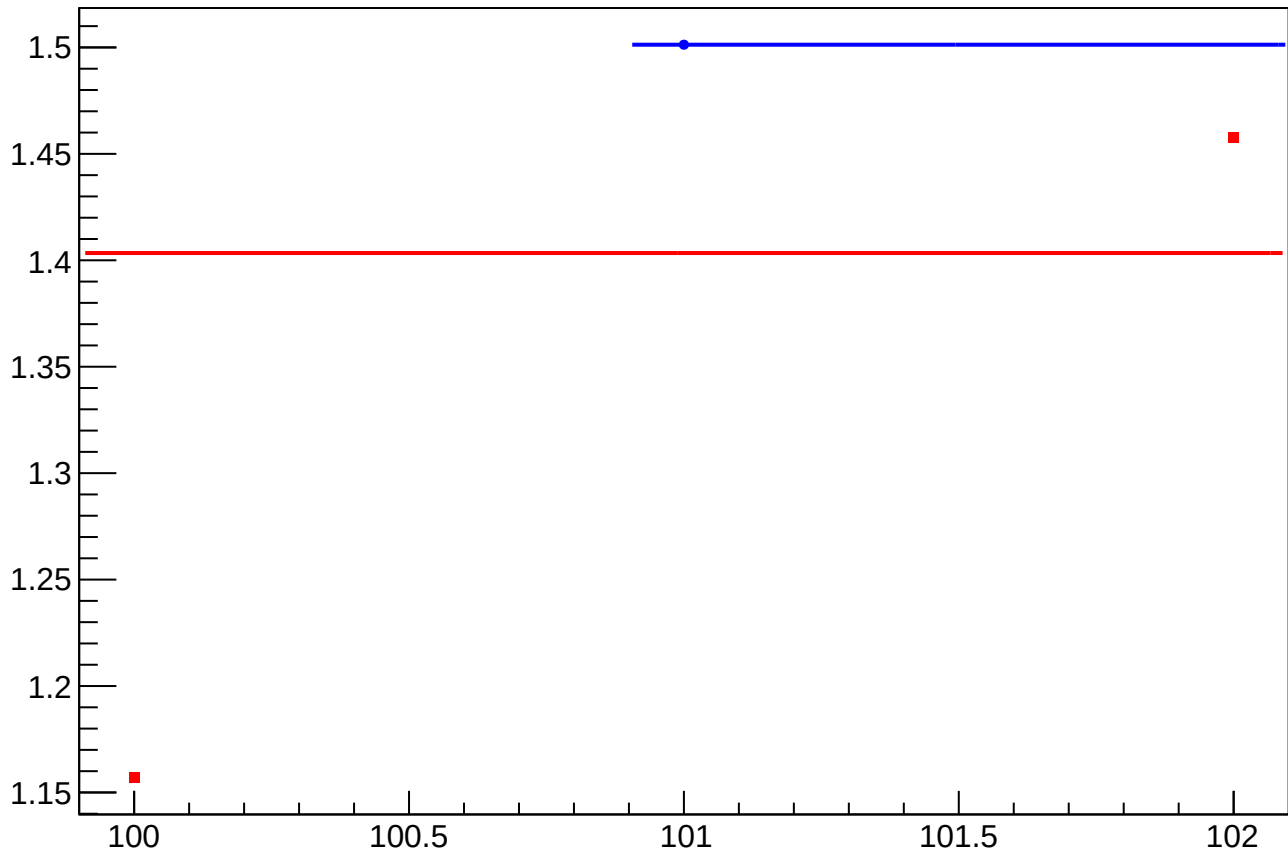
Right: 0.090+/-0.000 χ^2/NDF : 2811.6/2

In: 0.089+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.090+/-0.000 χ^2/NDF : 2811.6/2

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.501+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.403+/-0.000 χ^2/NDF : 58686929.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

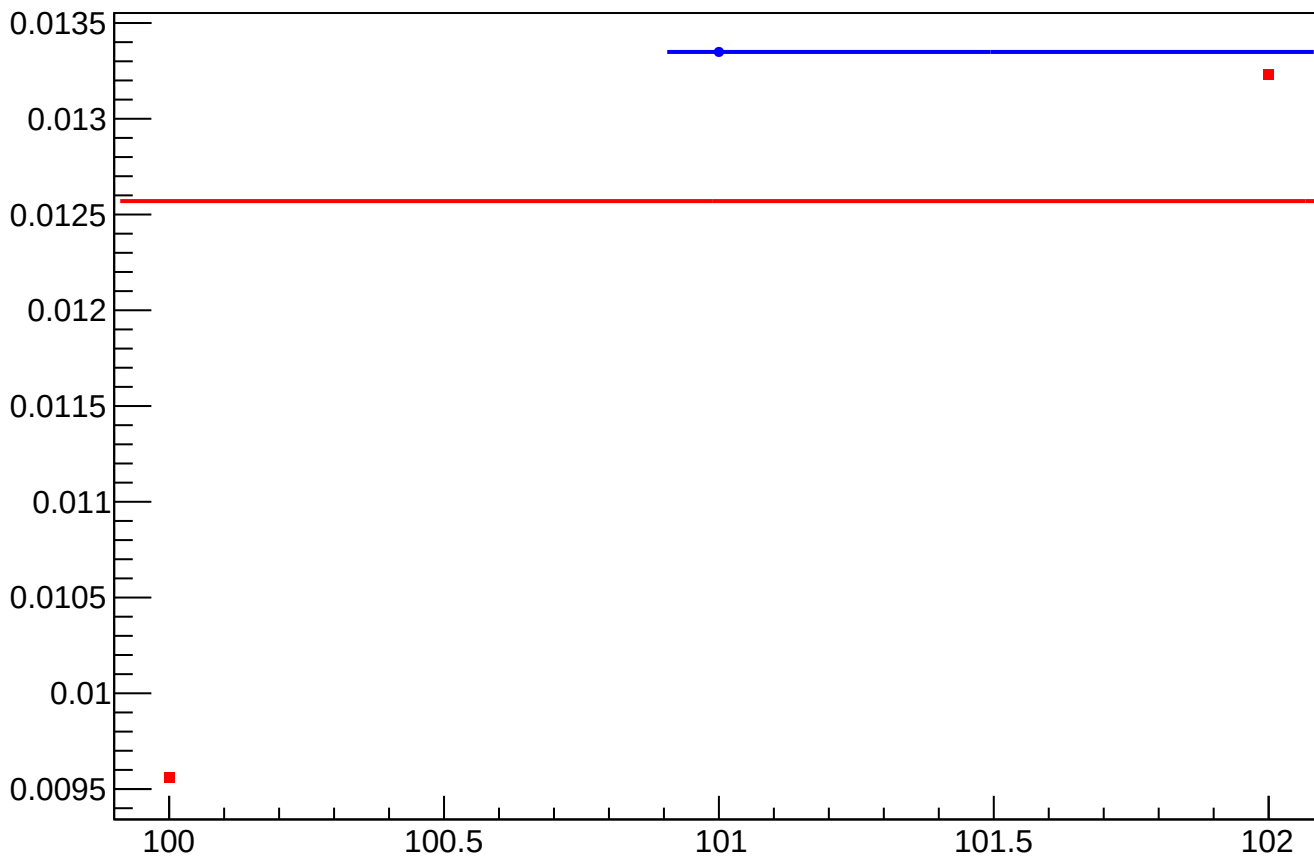
Right: 1.447+/-0.000 χ^2/NDF : 77519398.2/2

In: 1.501+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.447+/-0.000 χ^2/NDF : 77519398.2/2

yield_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 17530.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

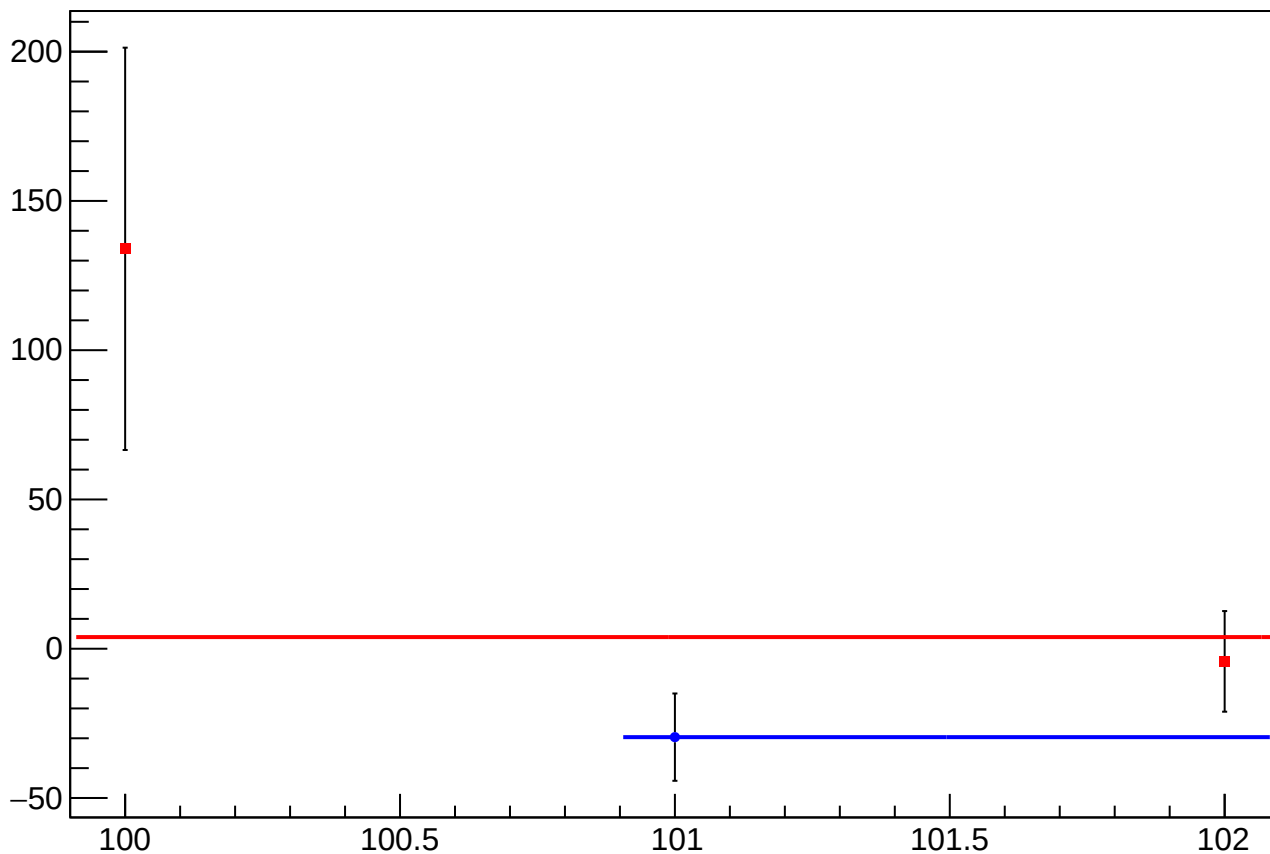
Right: 0.013+/-0.000 χ^2/NDF : 19914.9/2

In: 0.013+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 19914.9/2

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -29.618 $\pm$ 14.623 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.899 $\pm$ 16.352 χ^2 /NDF: 4.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

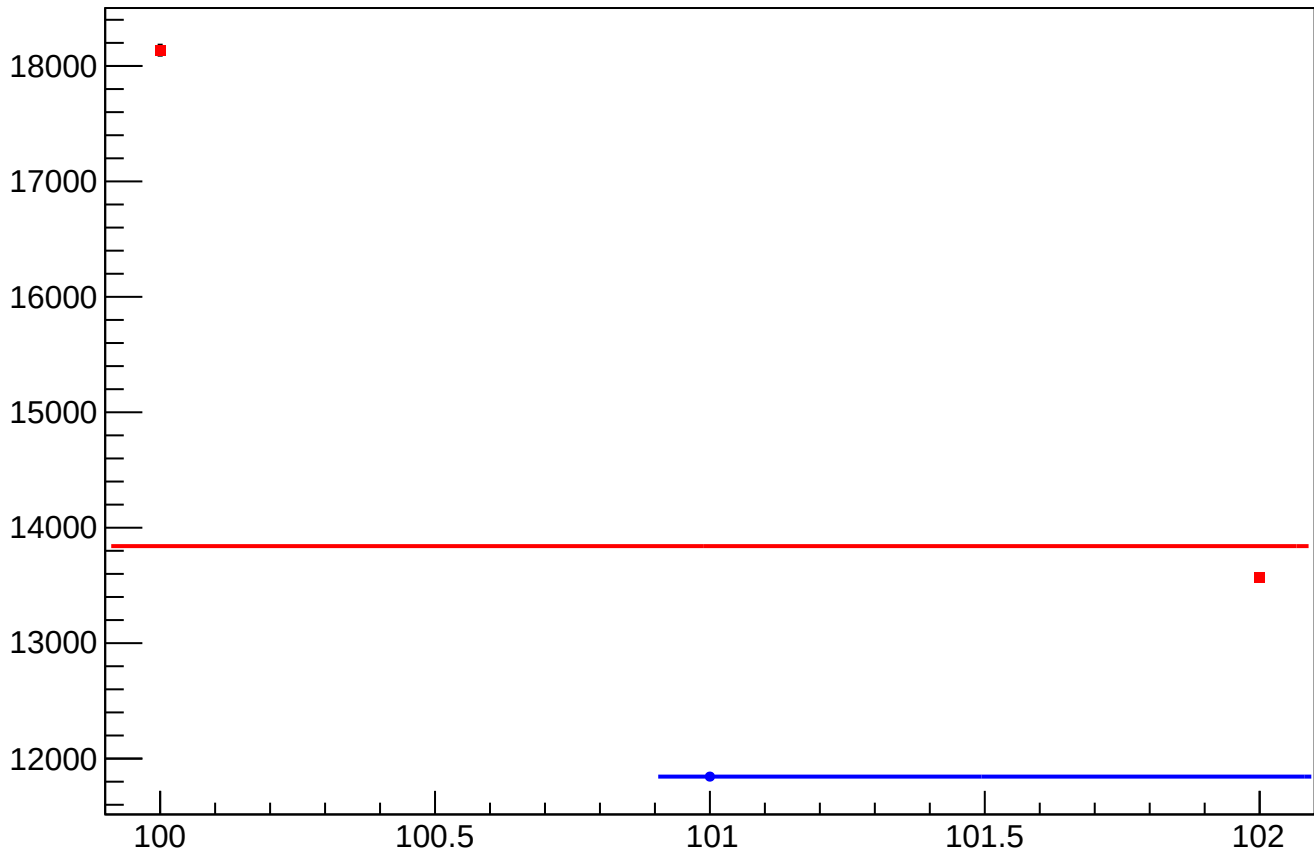
Right: -14.724 $\pm$ 10.900 χ^2 /NDF: 6.3/2

In: -29.618 $\pm$ 14.623 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -14.724 $\pm$ 10.900 χ^2 /NDF: 6.3/2

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 11843.965+/-10.340 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13840.616+/-11.563 χ^2/NDF : 8639.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

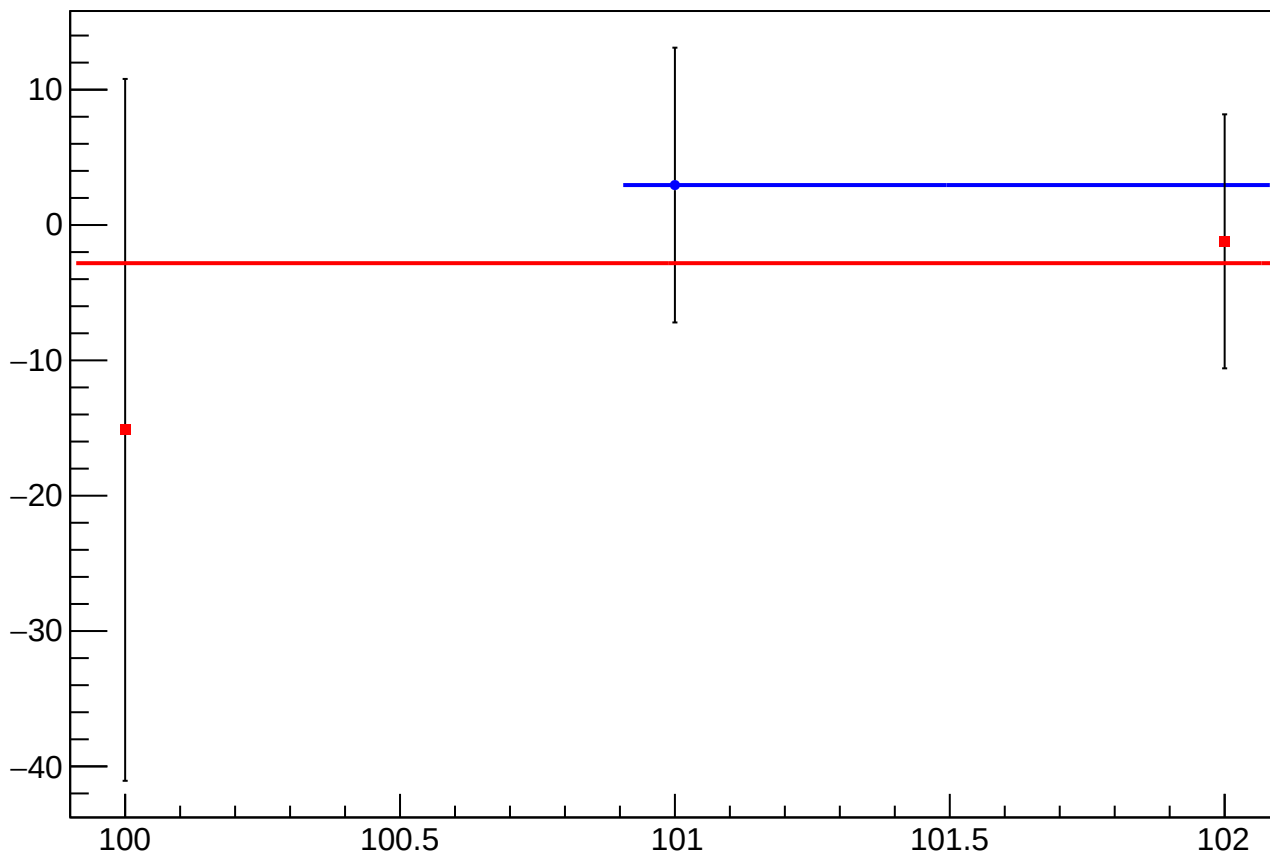
Right: 12731.222+/-7.708 χ^2/NDF : 25207.7/2

In: 11843.965+/-10.340 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12731.222+/-7.708 χ^2/NDF : 25207.7/2

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: 2.952+/-10.152 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.819+/-8.824 χ^2/NDF : 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

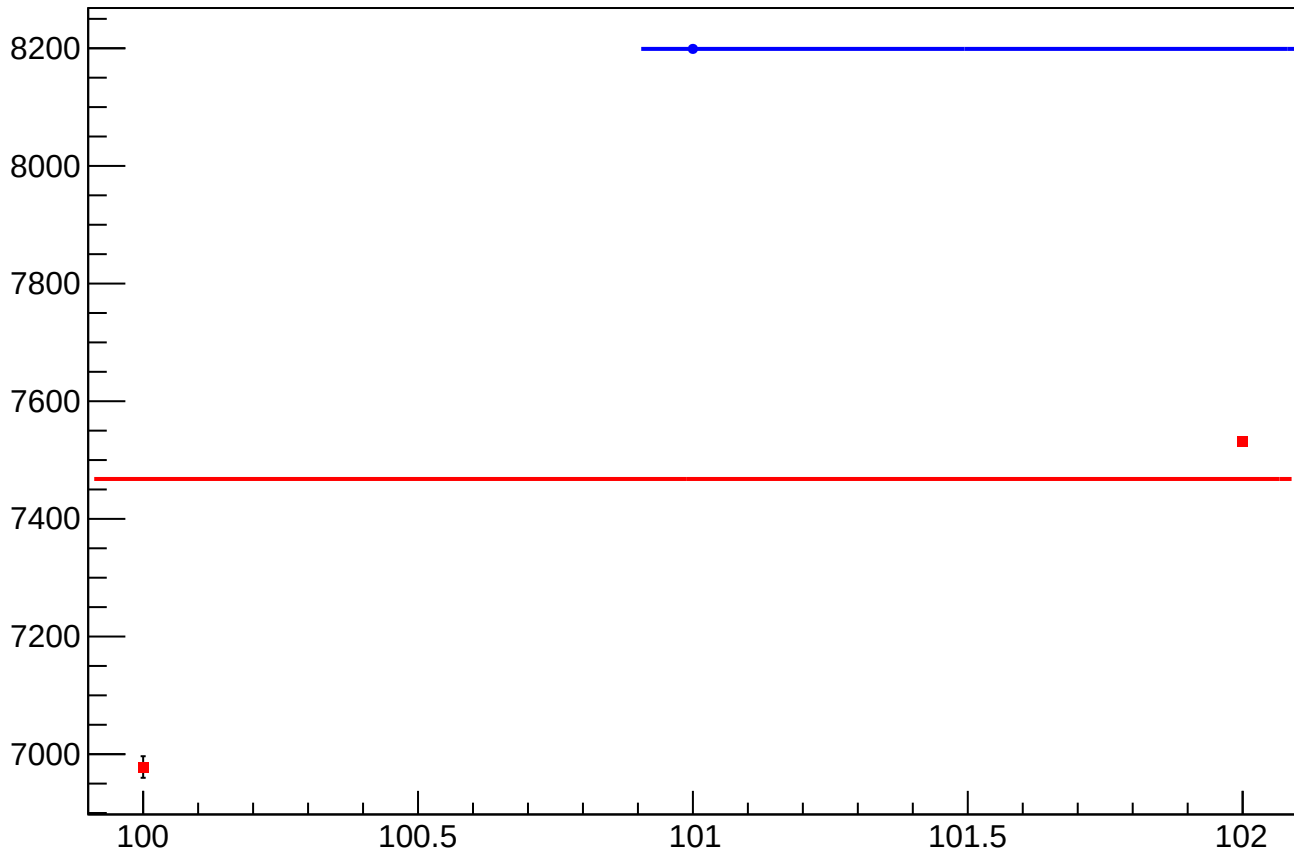
Right: -0.335+/-6.660 χ^2/NDF : 0.4/2

In: 2.952+/-10.152 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.335+/-6.660 χ^2/NDF : 0.4/2

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8198.940+/-7.178 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7467.841+/-6.240 χ^2/NDF : 806.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

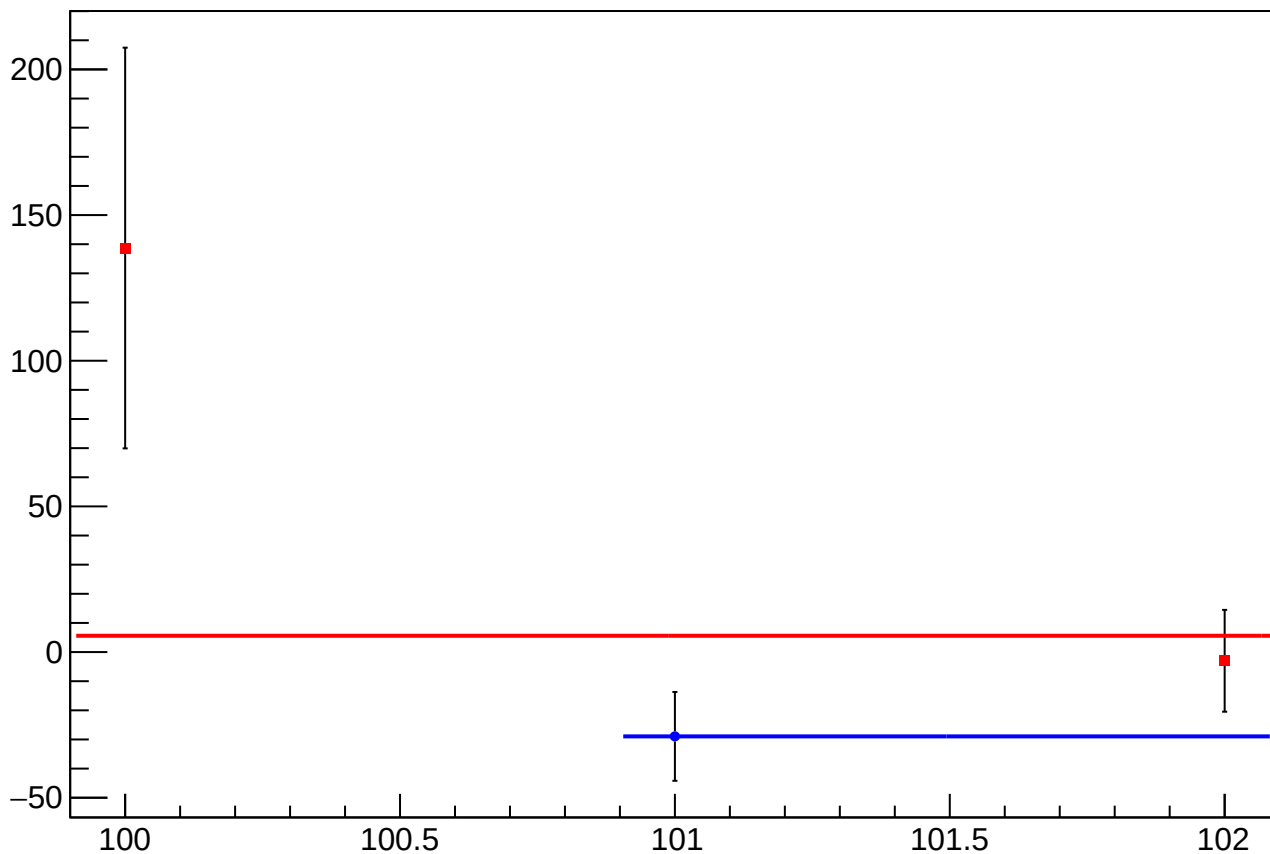
Right: 7782.490+/-4.709 χ^2/NDF : 6715.3/2

In: 8198.940+/-7.178 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7782.490+/-4.709 χ^2/NDF : 6715.3/2

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: -28.942 $\pm$ 15.247 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.597 $\pm$ 16.939 χ^2 /NDF: 4.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

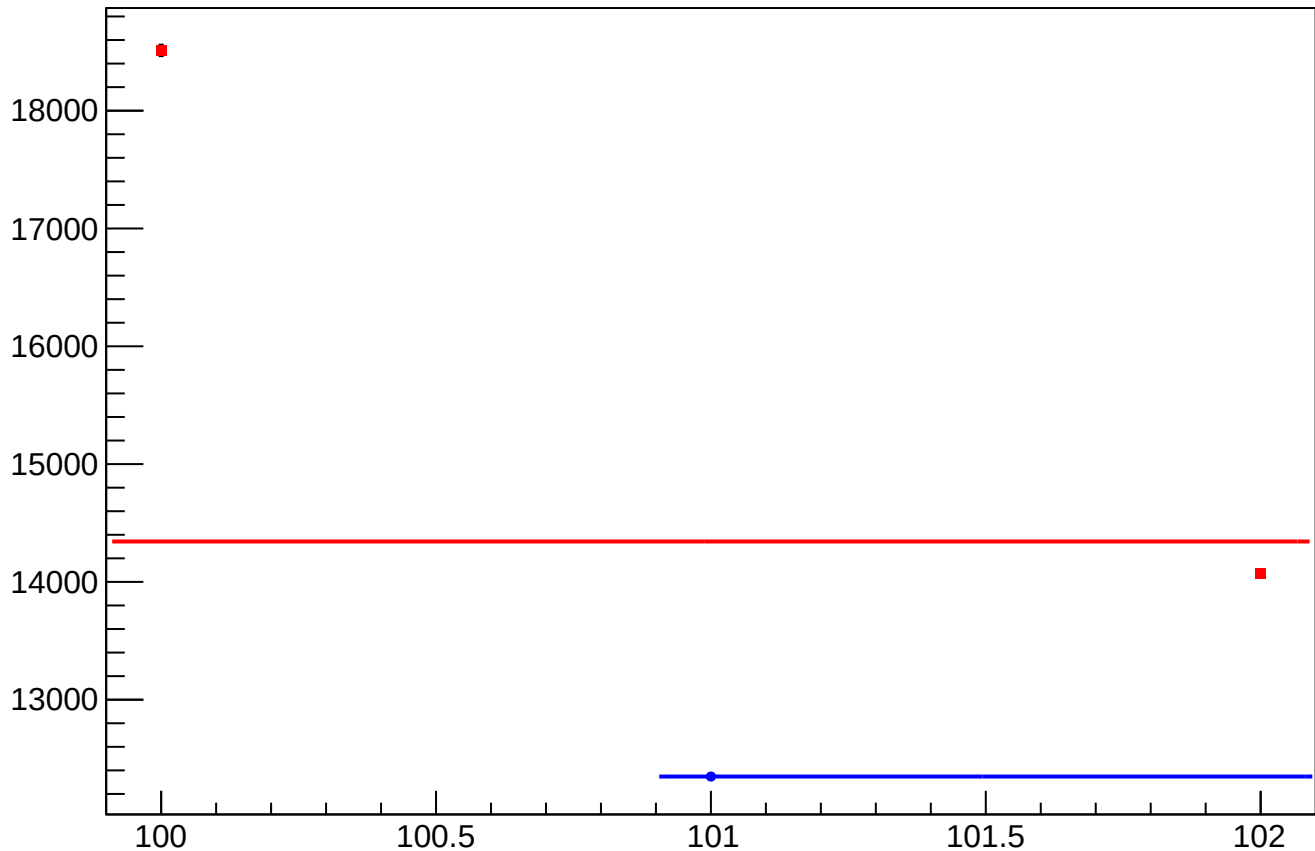
Right: -13.483 $\pm$ 11.332 χ^2 /NDF: 6.3/2

In: -28.942 $\pm$ 15.247 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -13.483 $\pm$ 11.332 χ^2 /NDF: 6.3/2

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 12347.781+/-10.781 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14342.961+/-11.978 χ^2/NDF : 7823.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

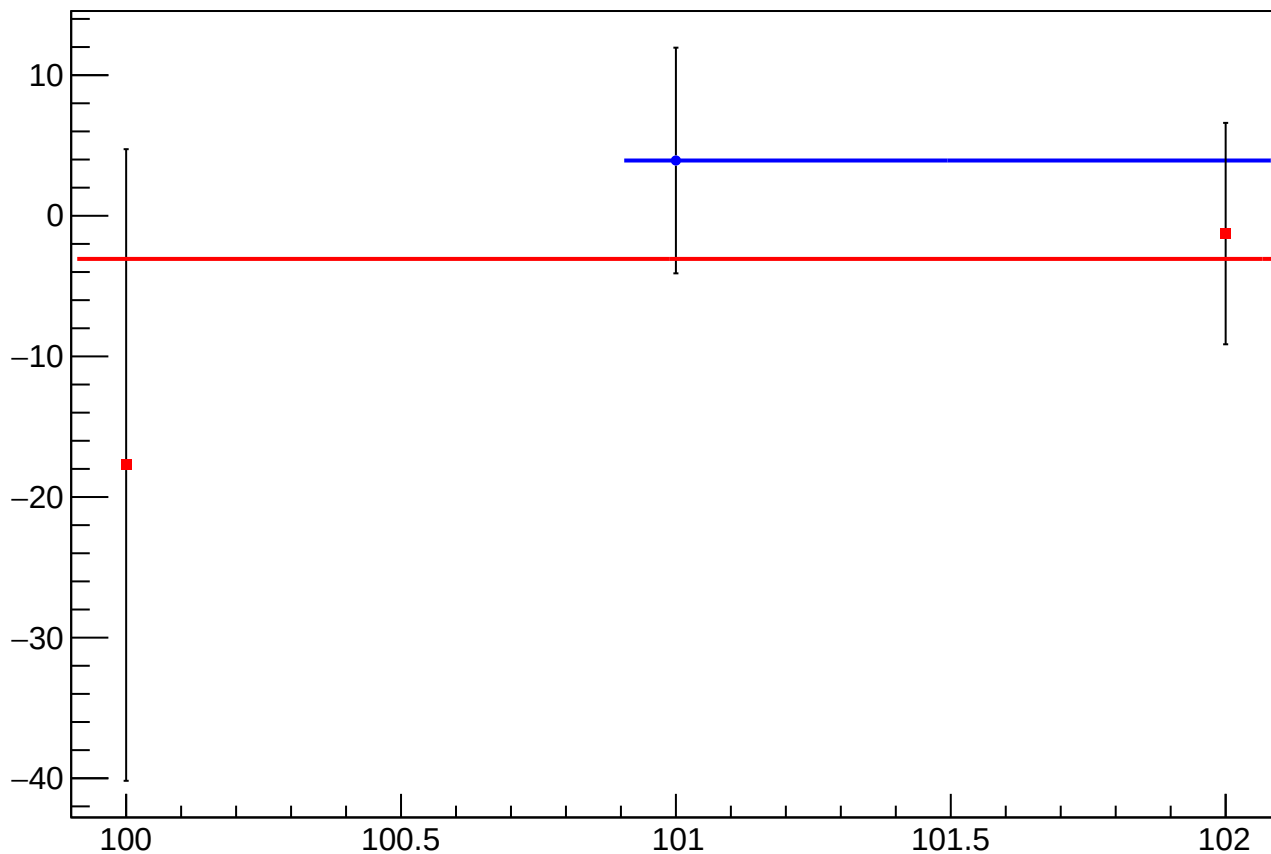
Right: 13240.756+/-8.013 χ^2/NDF : 23151.7/2

In: 12347.781+/-10.781 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13240.756+/-8.013 χ^2/NDF : 23151.7/2

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: 3.931+/-8.024 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.067+/-7.429 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

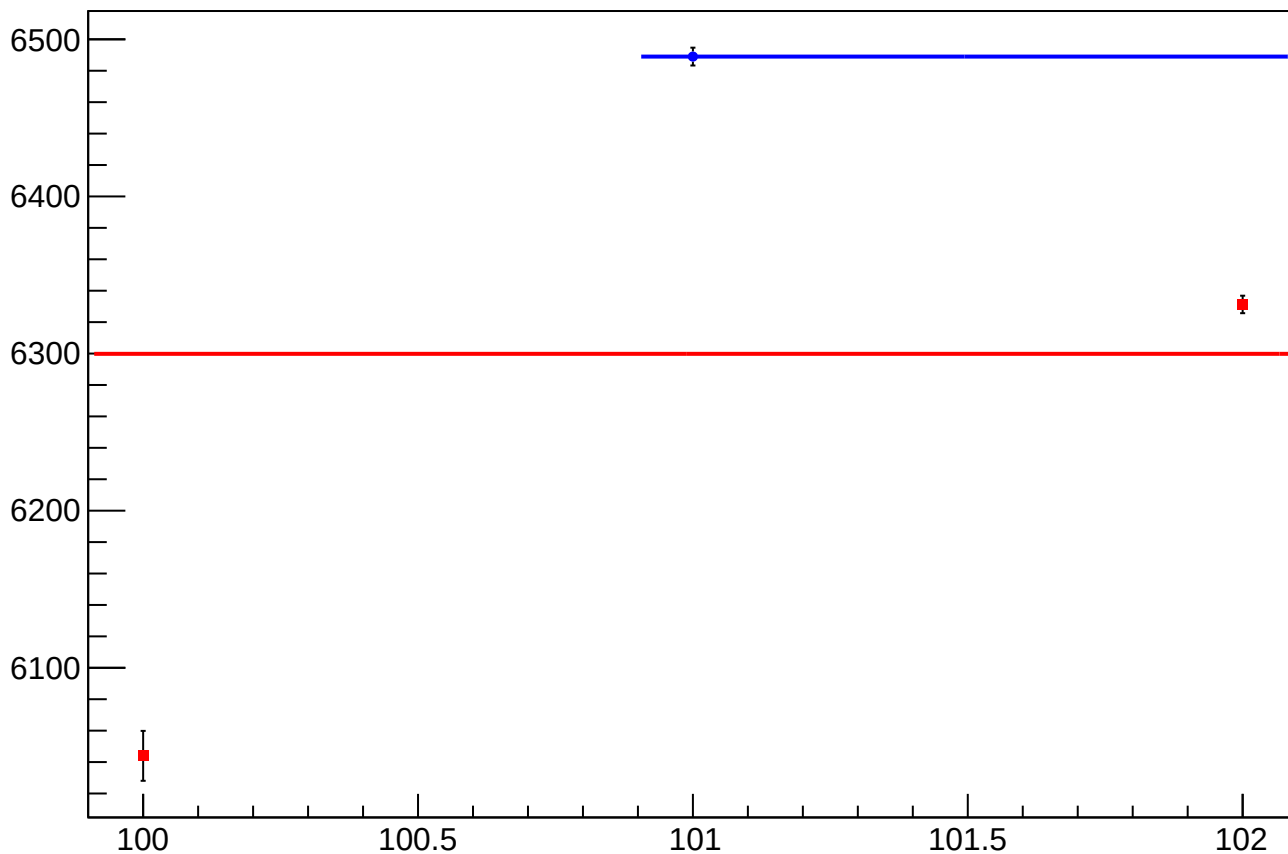
Right: 0.163+/-5.452 χ^2/NDF : 0.9/2

In: 3.931+/-8.024 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.163+/-5.452 χ^2/NDF : 0.9/2

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 6489.010 $\pm$ 5.674 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6299.824 $\pm$ 5.253 χ^2 /NDF: 291.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

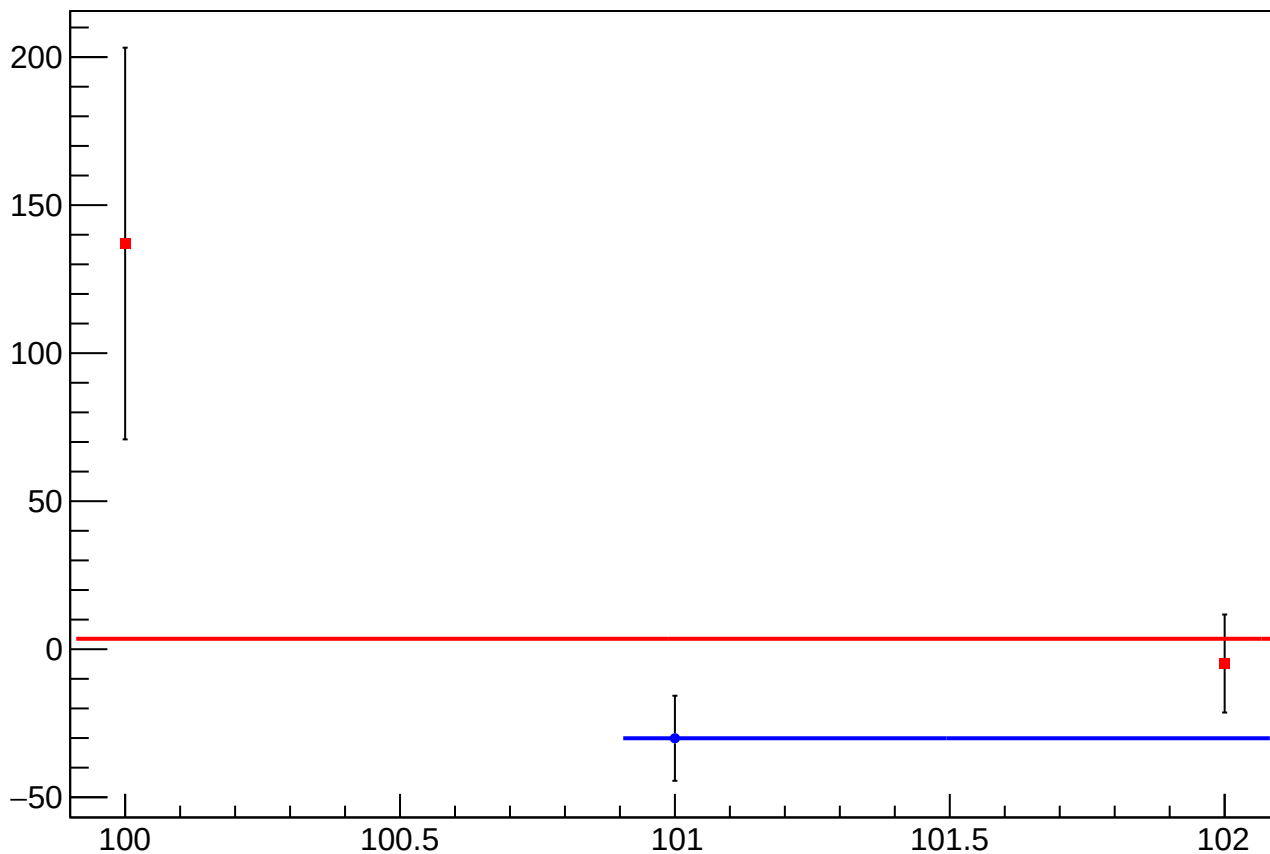
Right: 6387.144 $\pm$ 3.855 χ^2 /NDF: 890.1/2

In: 6489.010 $\pm$ 5.674 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6387.144 $\pm$ 3.855 χ^2 /NDF: 890.1/2

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -30.074 $\pm$ 14.368 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.529 $\pm$ 16.057 χ^2 /NDF: 4.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

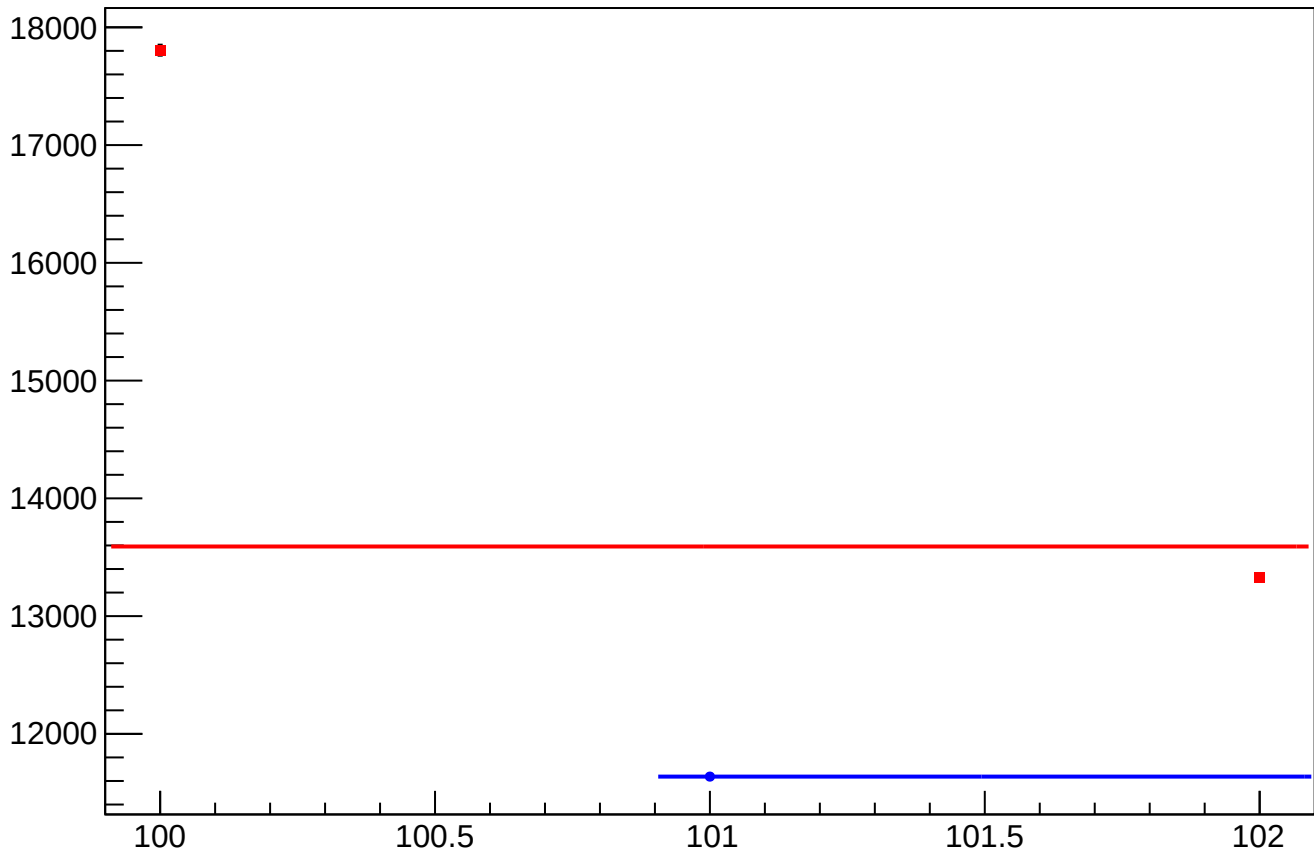
Right: -15.132 $\pm$ 10.707 χ^2 /NDF: 6.8/2

In: -30.074 $\pm$ 14.368 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -15.132 $\pm$ 10.707 χ^2 /NDF: 6.8/2

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 11637.202 $\pm$ 10.160 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13591.208 $\pm$ 11.354 χ^2 /NDF: 8626.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

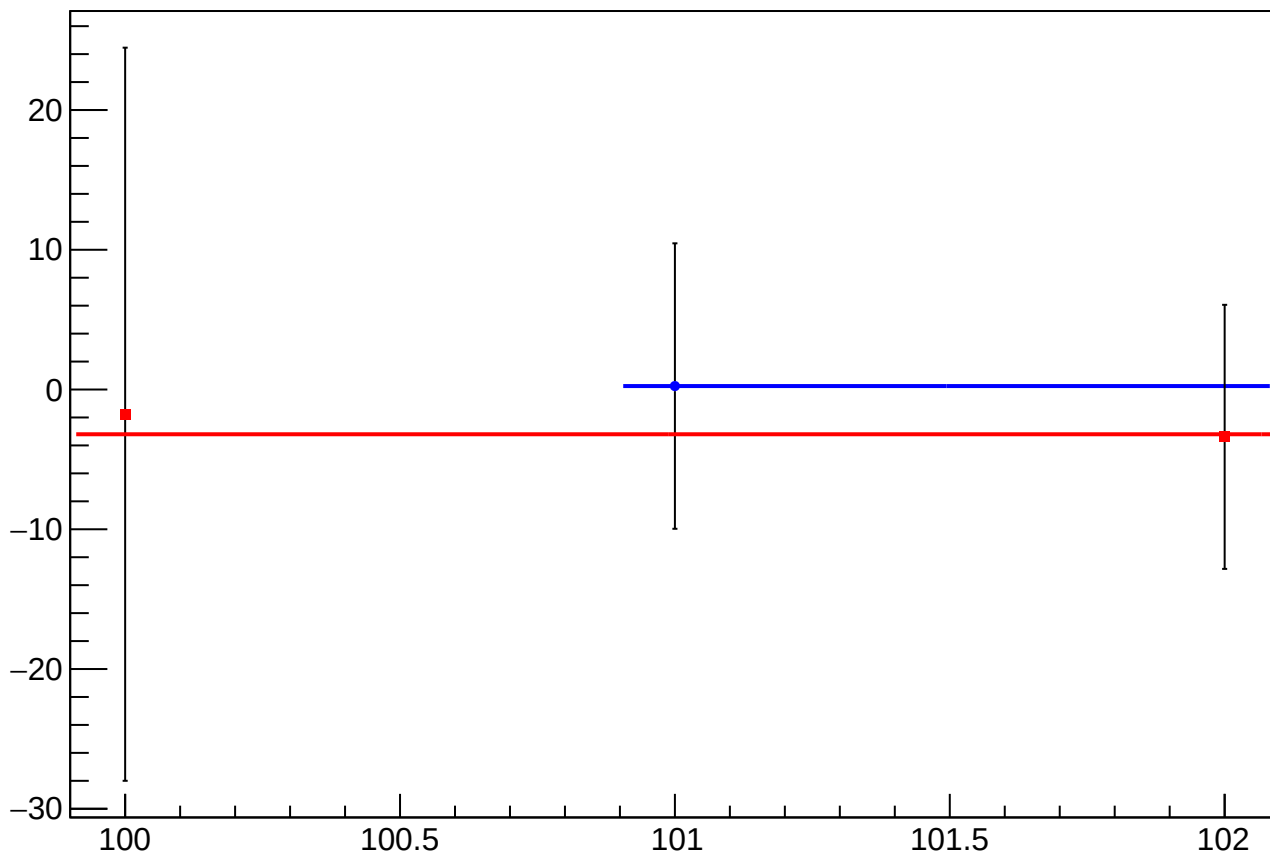
Right: 12506.051 $\pm$ 7.571 χ^2 /NDF: 25074.6/2

In: 11637.202 $\pm$ 10.160 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12506.051 $\pm$ 7.571 χ^2 /NDF: 25074.6/2

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: 0.248+/-10.213 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.201+/-8.889 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

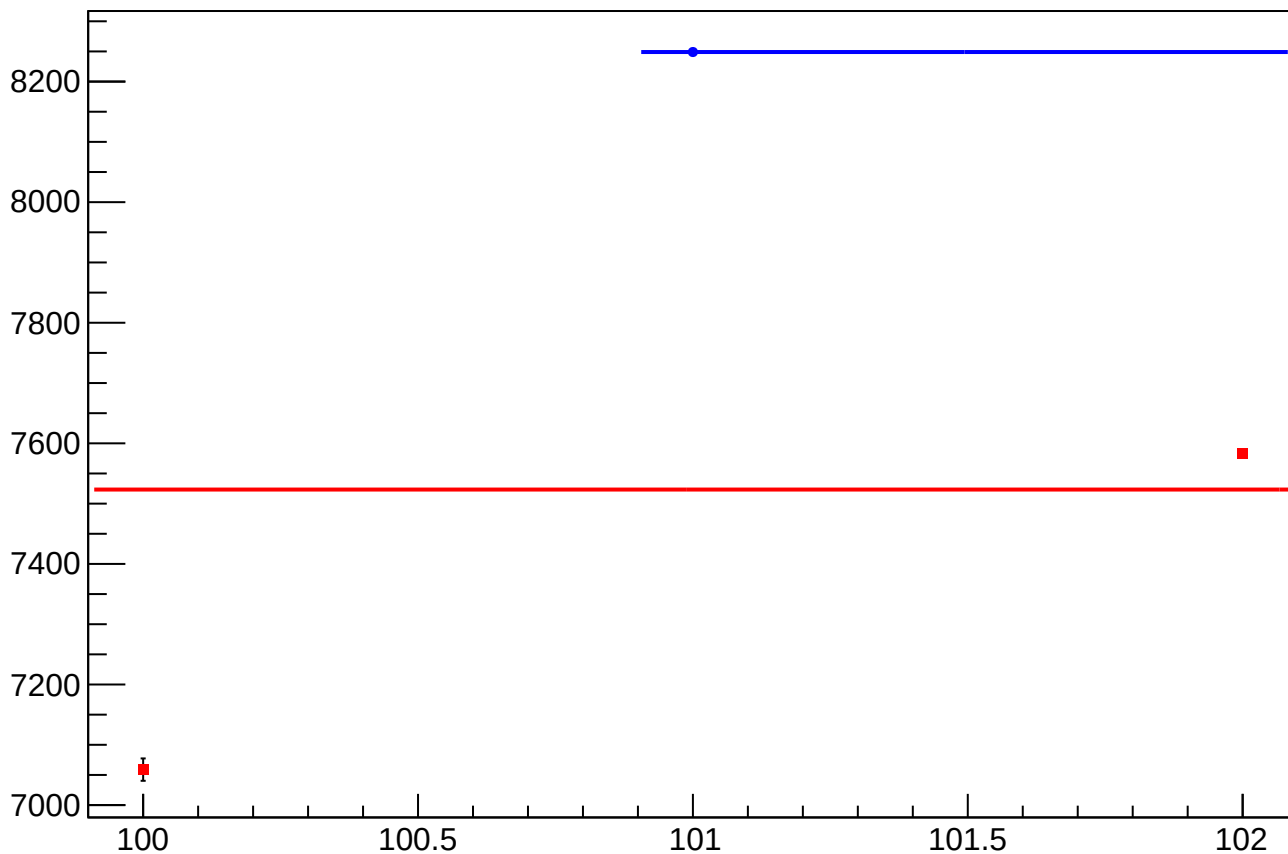
Right: -1.715+/-6.705 χ^2/NDF : 0.1/2

In: 0.248+/-10.213 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.715+/-6.705 χ^2/NDF : 0.1/2

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8249.019+/-7.222 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7523.355+/-6.285 χ^2/NDF : 708.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

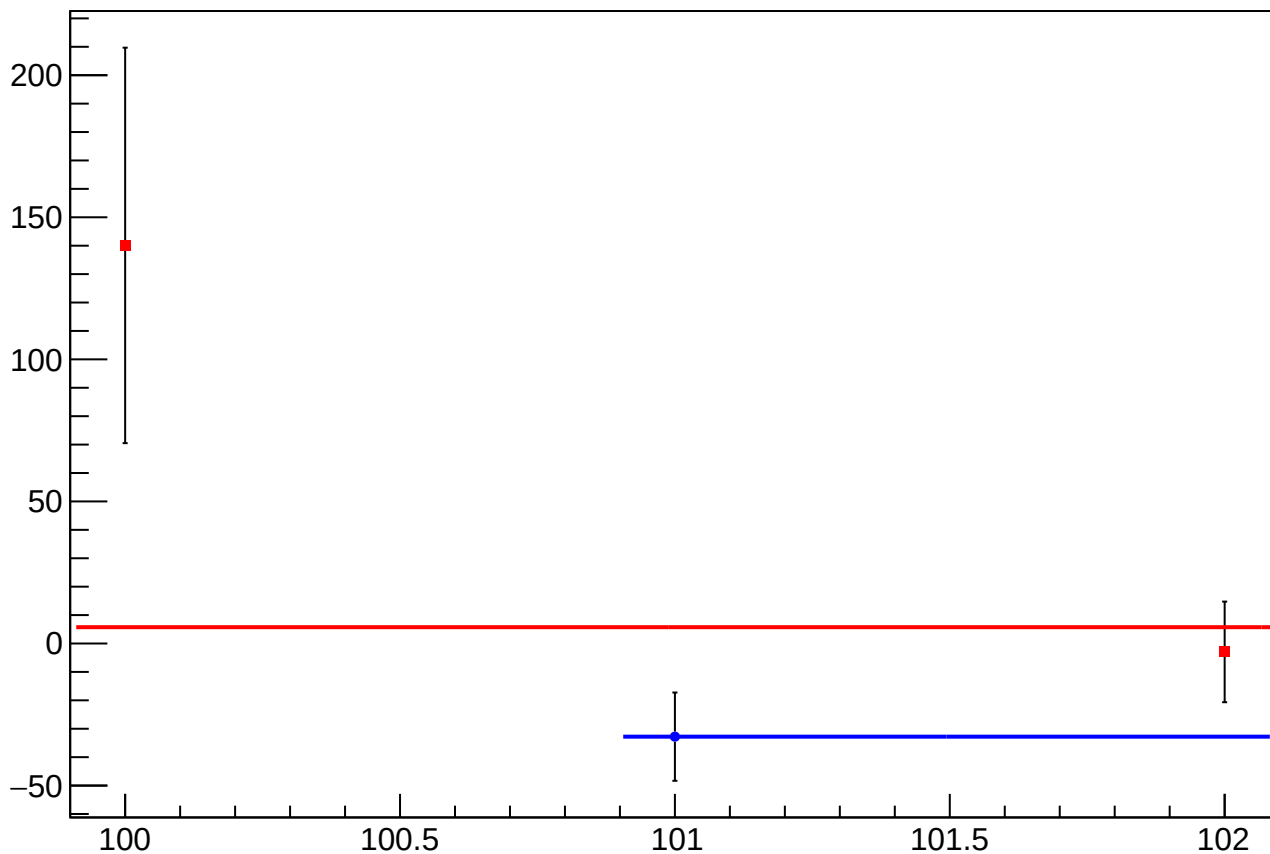
Right: 7836.125+/-4.741 χ^2/NDF : 6453.8/2

In: 8249.019+/-7.222 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7836.125+/-4.741 χ^2/NDF : 6453.8/2

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -32.786 $\pm$ 15.534 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.737 $\pm$ 17.159 χ^2 /NDF: 4.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

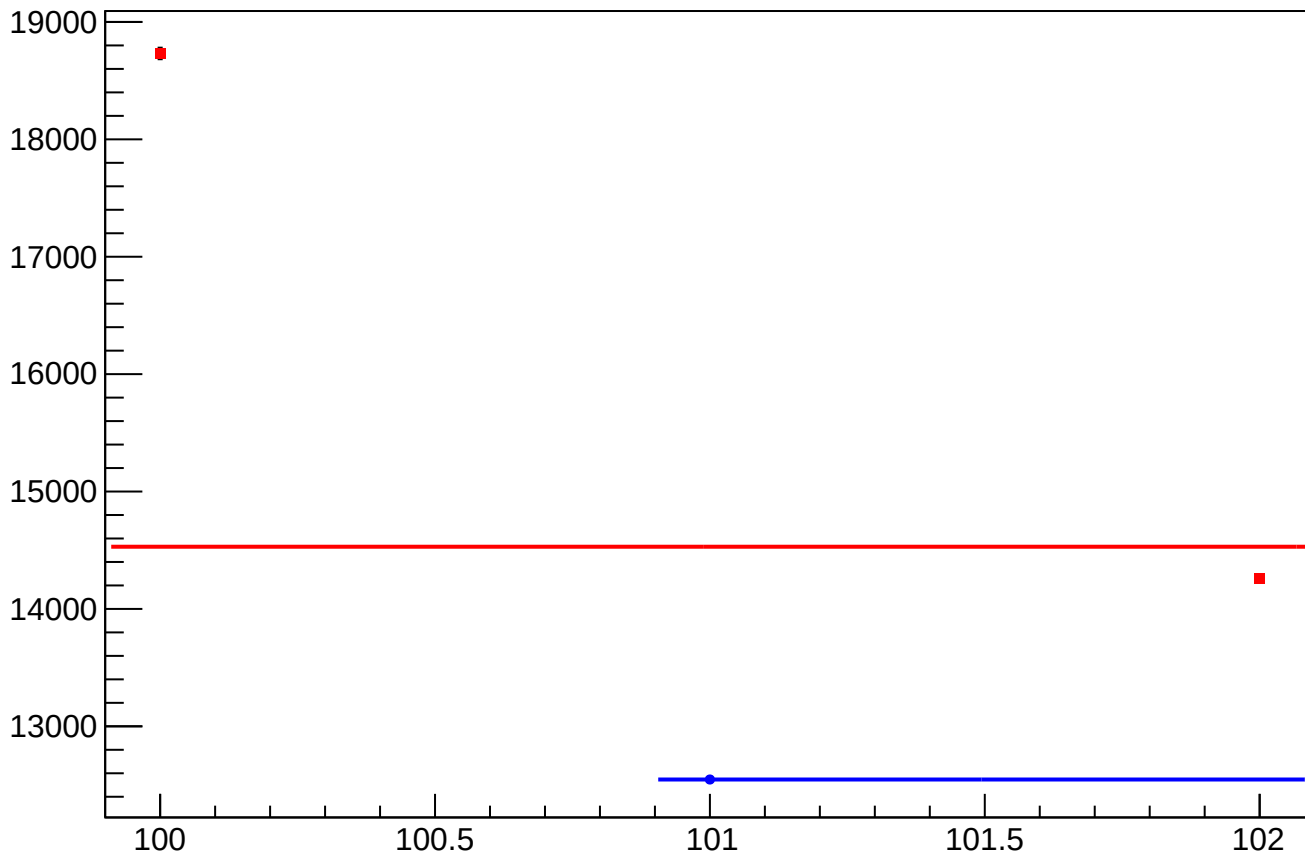
Right: -15.435 $\pm$ 11.516 χ^2 /NDF: 6.7/2

In: -32.786 $\pm$ 15.534 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -15.435 $\pm$ 11.516 χ^2 /NDF: 6.7/2

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 12546.900+/-10.984 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14529.821+/-12.134 χ^2/NDF : 7763.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

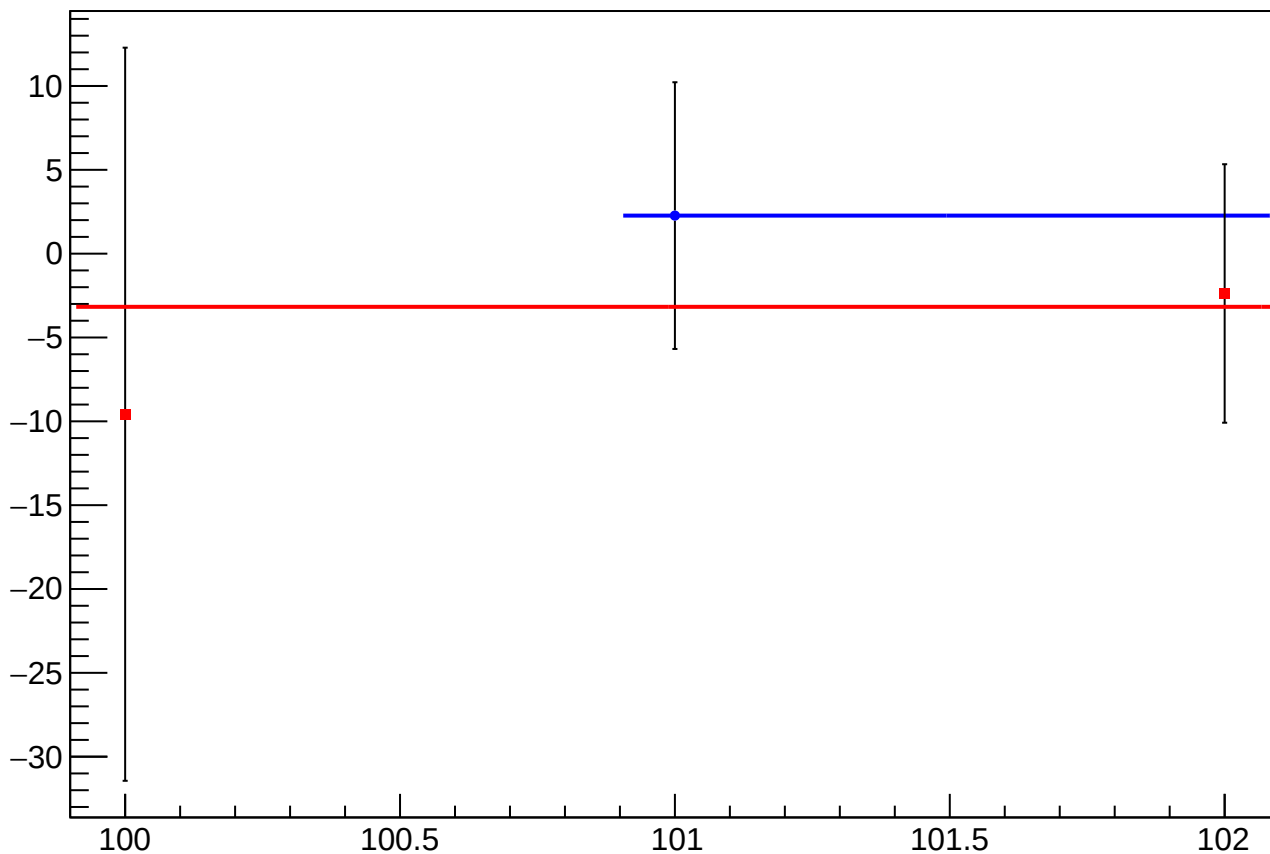
Right: 13439.993+/-8.143 χ^2/NDF : 22441.9/2

In: 12546.900+/-10.984 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13439.993+/-8.143 χ^2/NDF : 22441.9/2

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 2.270 +/- 7.954 χ^2/NDF : 0.0/0

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -3.171 +/- 7.270 χ^2/NDF : 0.1/1

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

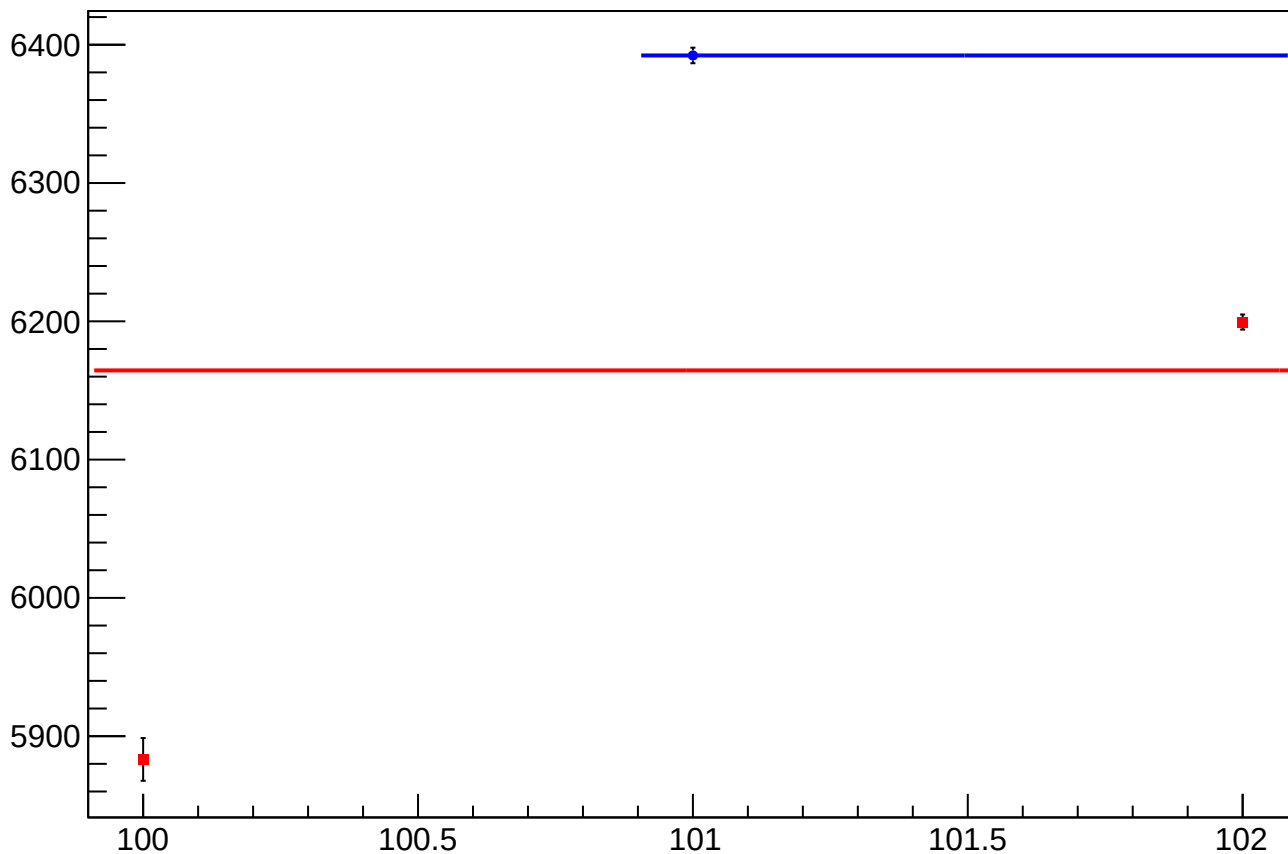
Right: -0.695 +/- 5.366 χ^2/NDF : 0.4/2

In: 2.270 +/- 7.954 χ^2/NDF : 0.0/0

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -0.695 +/- 5.366 χ^2/NDF : 0.4/2

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 6392.255 $\pm$ 5.624 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 6164.503 $\pm$ 5.140 χ^2/NDF : 372.3/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

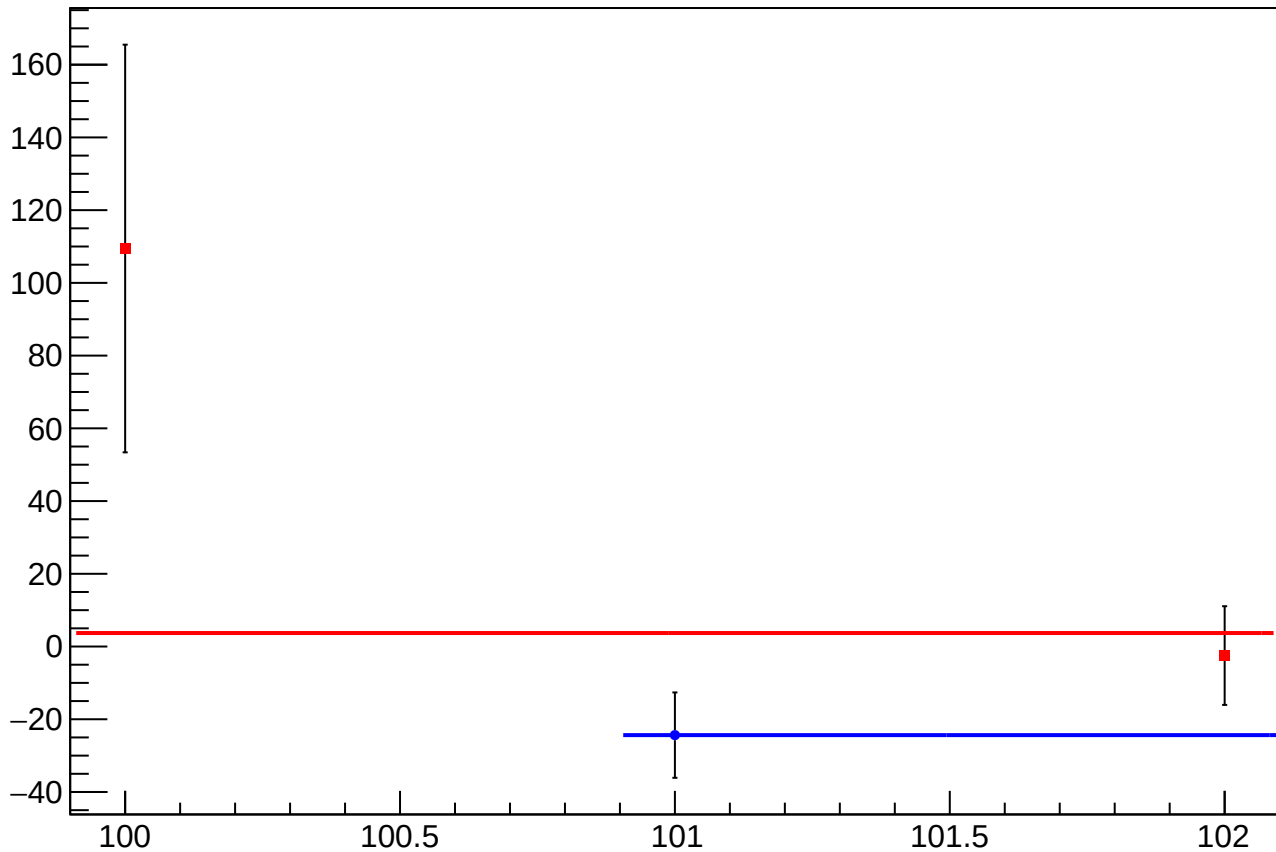
Right: 6268.168 $\pm$ 3.794 χ^2/NDF : 1265.8/2

In: 6392.255 $\pm$ 5.624 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 6268.168 $\pm$ 3.794 χ^2/NDF : 1265.8/2

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -24.361+/-11.739 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 3.710+/-13.188 χ^2 /NDF: 3.8/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

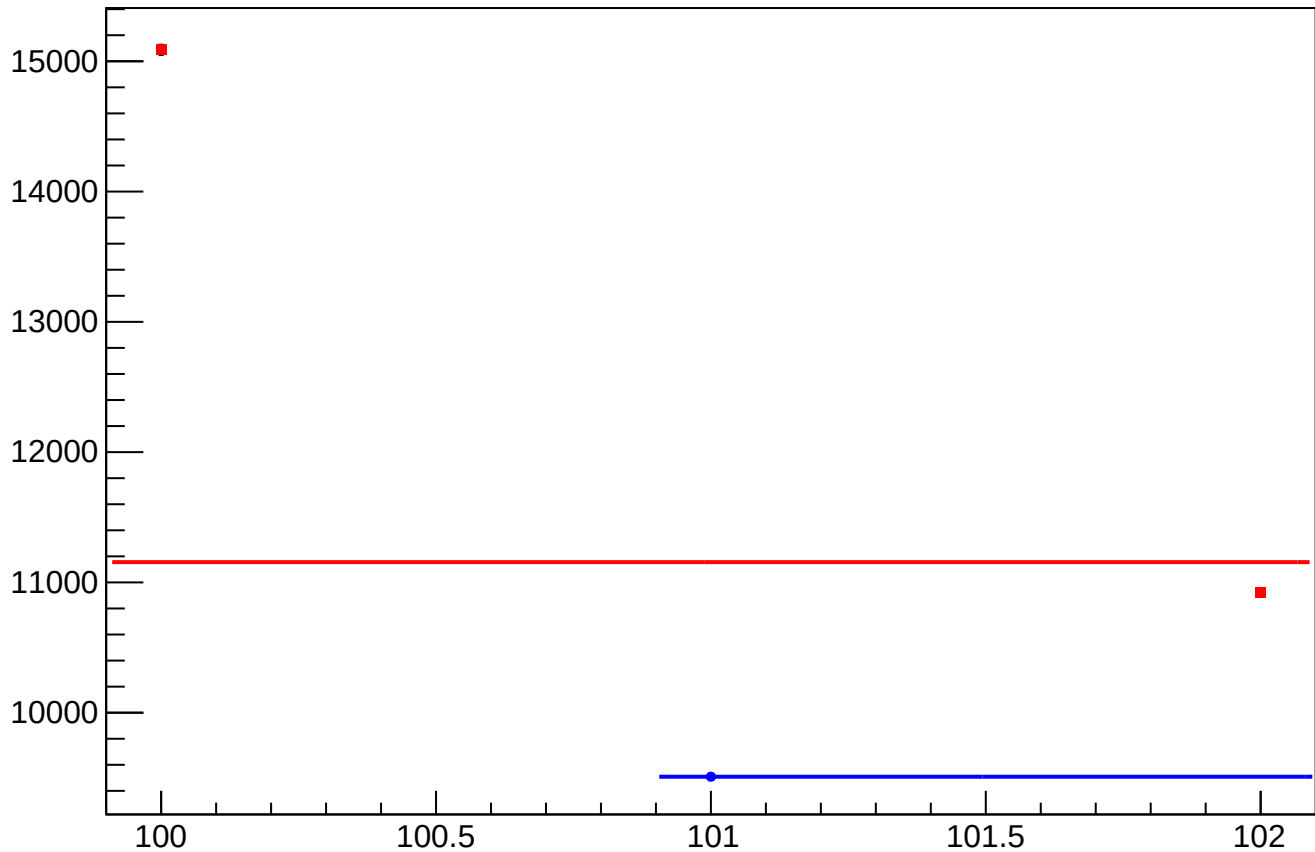
Right: -11.952+/-8.768 χ^2 /NDF: 6.3/2

In: -24.361+/-11.739 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -11.952+/-8.768 χ^2 /NDF: 6.3/2

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 9508.598 $\pm$ 8.301 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11155.450 $\pm$ 9.325 χ^2 /NDF: 10419.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

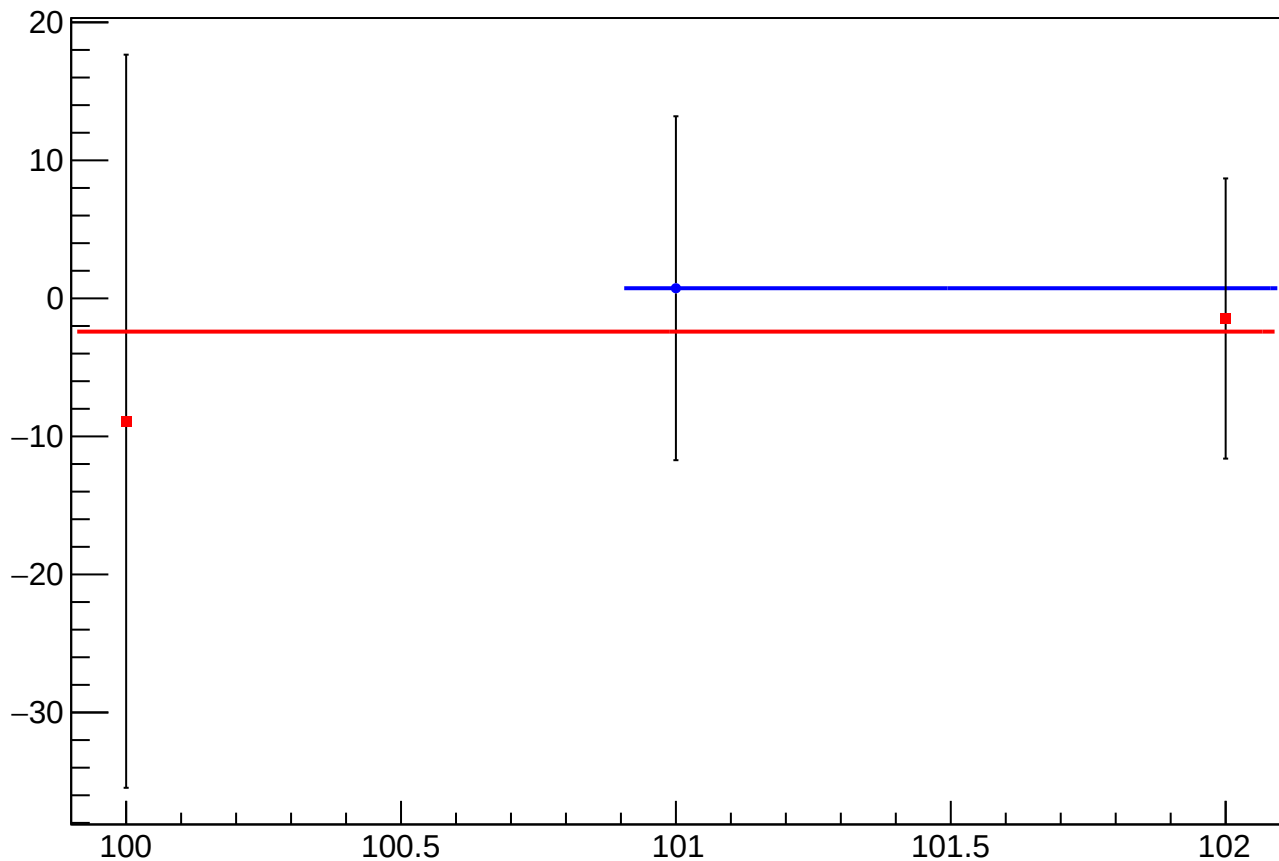
Right: 10236.586 $\pm$ 6.200 χ^2 /NDF: 27820.4/2

In: 9508.598 $\pm$ 8.301 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10236.586 $\pm$ 6.200 χ^2 /NDF: 27820.4/2

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.736+/-12.458 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.407+/-9.481 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

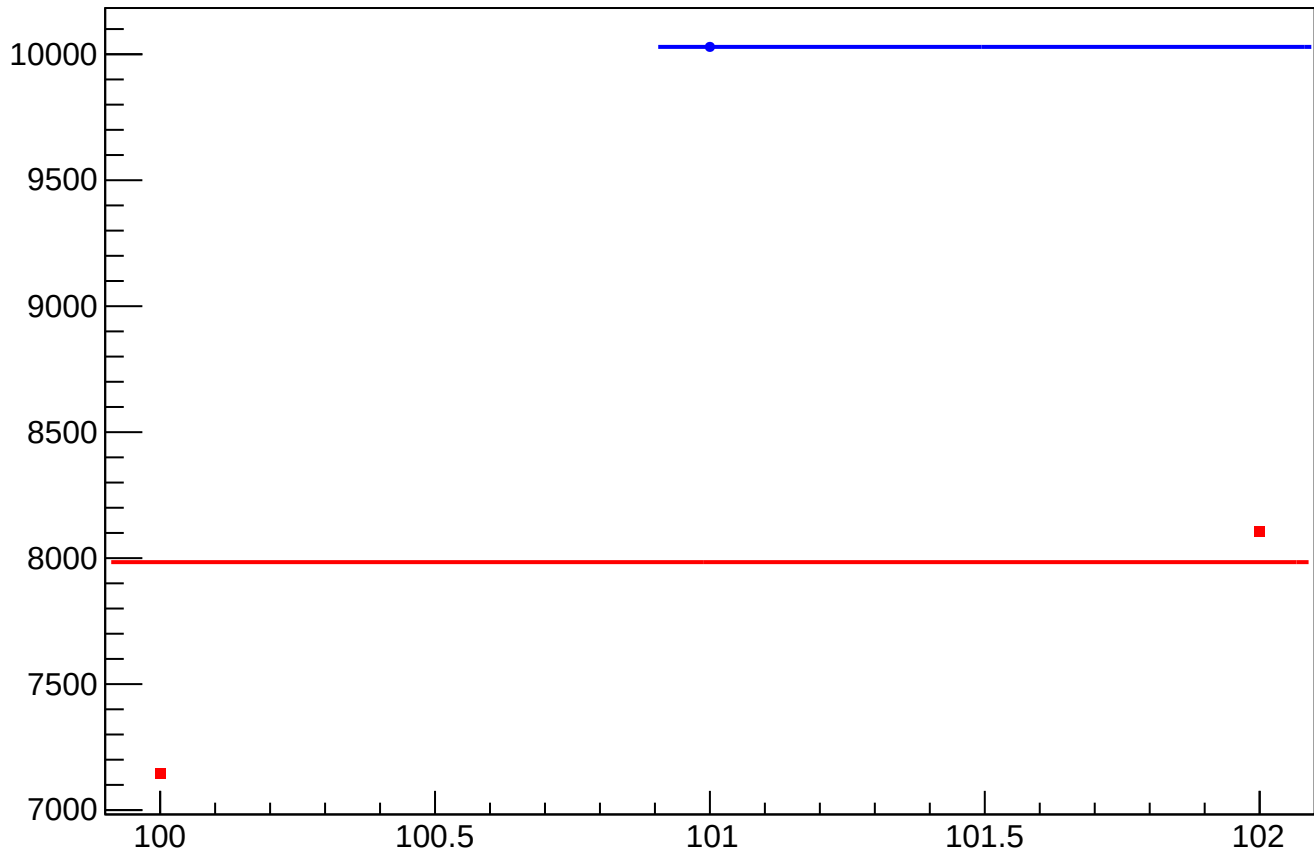
Right: -1.255+/-7.544 χ^2/NDF : 0.1/2

In: 0.736+/-12.458 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.255+/-7.544 χ^2/NDF : 0.1/2

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 10029.235 $\pm$ 8.809 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7984.141 $\pm$ 6.704 χ^2 /NDF: 2278.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

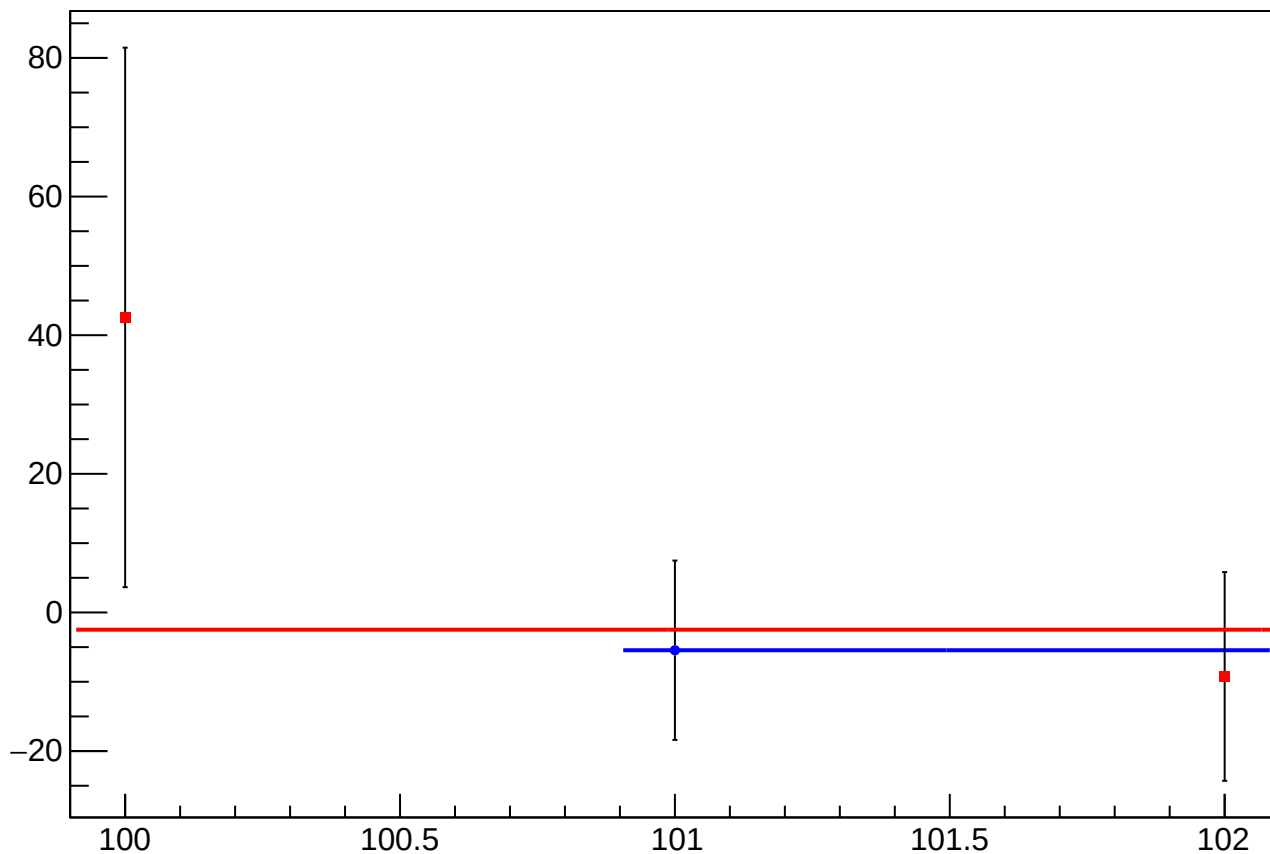
Right: 8734.160 $\pm$ 5.335 χ^2 /NDF: 36408.6/2

In: 10029.235 $\pm$ 8.809 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8734.160 $\pm$ 5.335 χ^2 /NDF: 36408.6/2

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -5.450+/-12.937 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.485+/-14.042 χ^2/NDF : 1.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

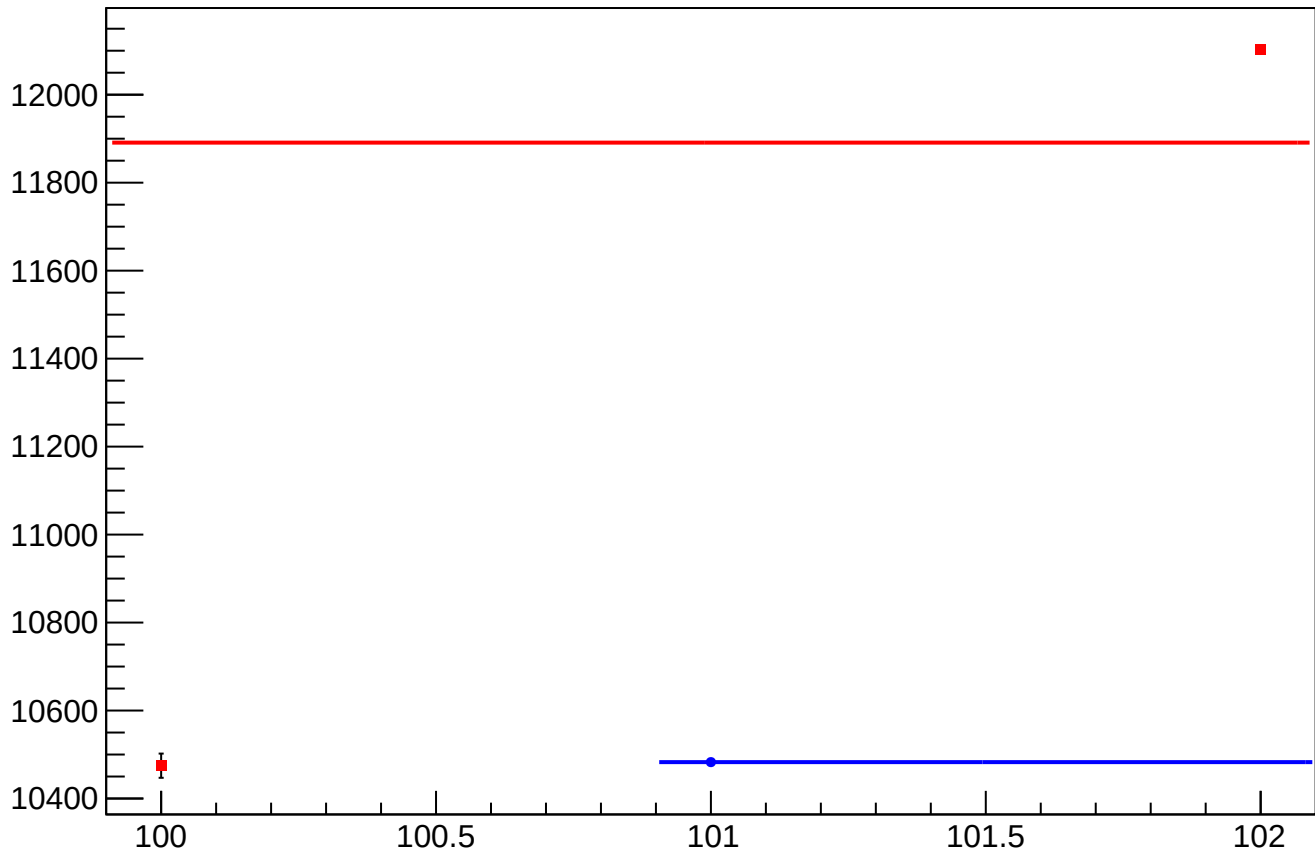
Right: -4.089+/-9.515 χ^2/NDF : 1.6/2

In: -5.450+/-12.937 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.089+/-9.515 χ^2/NDF : 1.6/2

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 10482.742 $\pm$ 9.148 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11891.065 $\pm$ 9.930 χ^2 /NDF: 3046.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

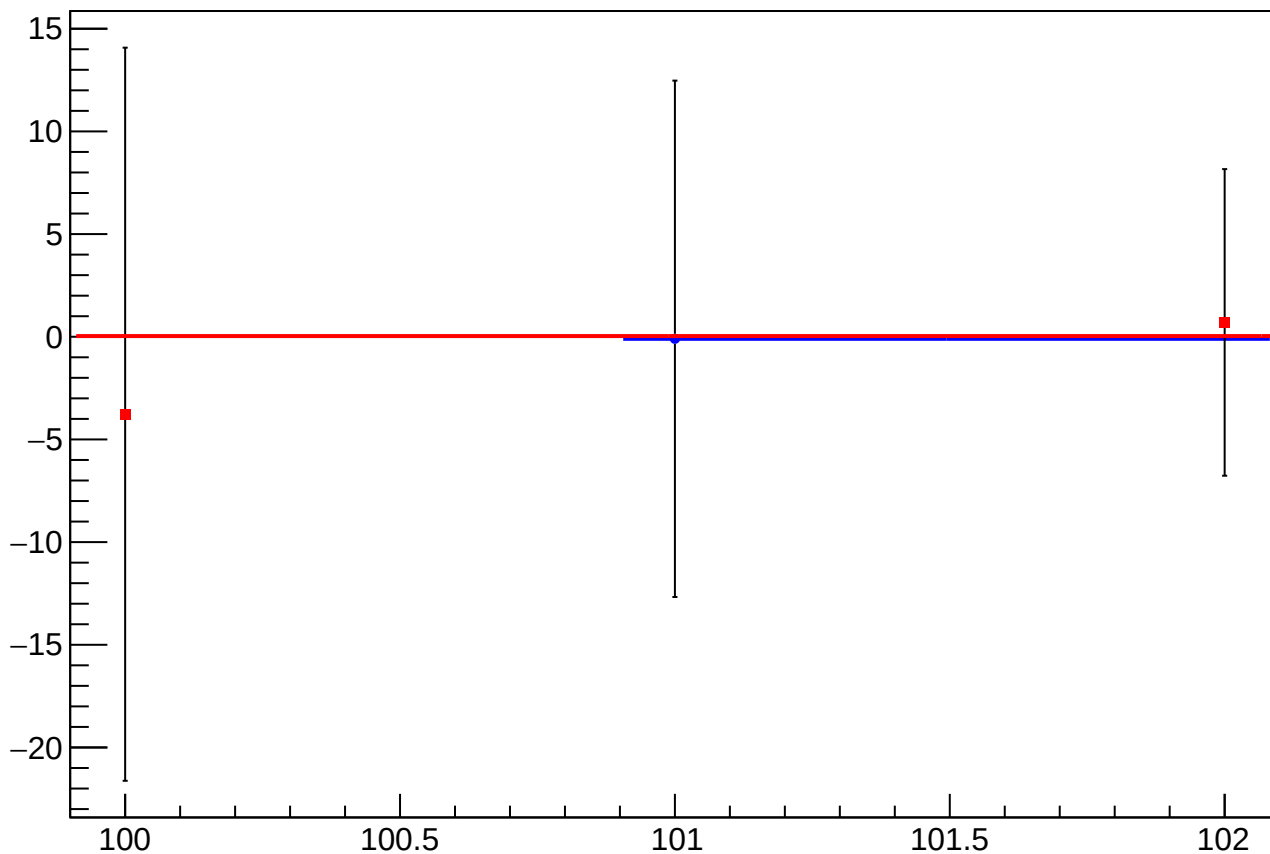
Right: 11129.304 $\pm$ 6.728 χ^2 /NDF: 13926.8/2

In: 10482.742 $\pm$ 9.148 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11129.304 $\pm$ 6.728 χ^2 /NDF: 13926.8/2

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.100+/-12.573 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.033+/-6.887 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

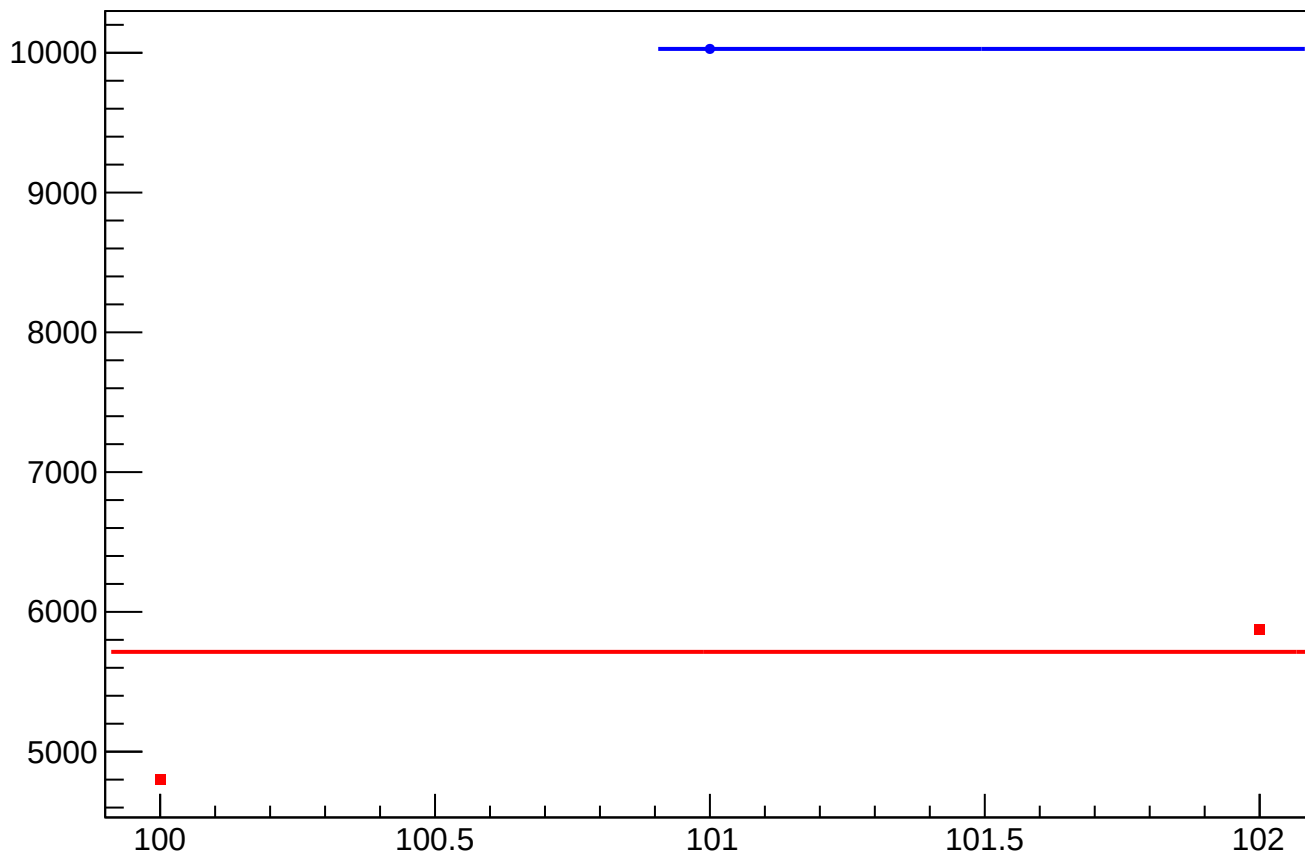
Right: 0.002+/-6.040 χ^2/NDF : 0.1/2

In: -0.100+/-12.573 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-6.040 χ^2/NDF : 0.1/2

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 10027.736+/-8.890 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5714.008+/-4.870 χ^2/NDF : 6104.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

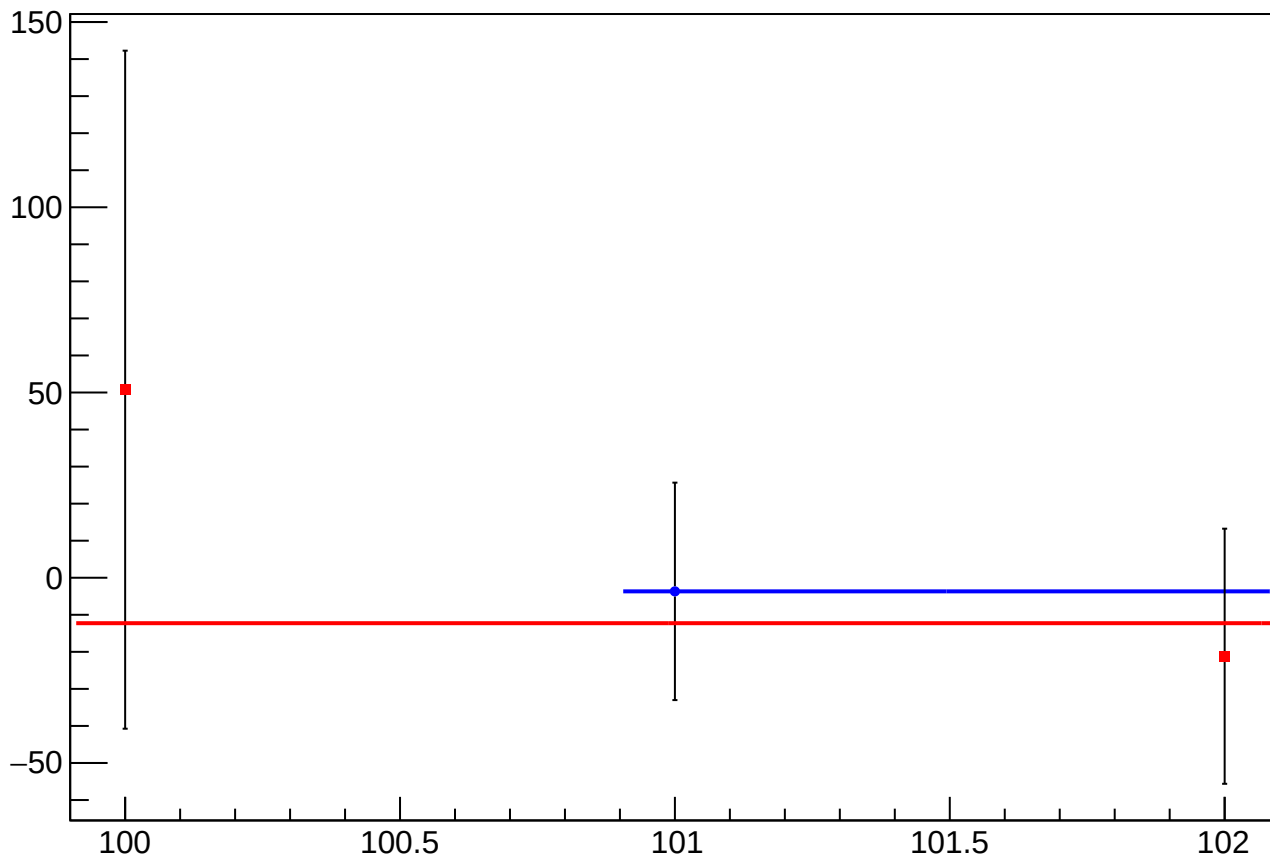
Right: 6709.653+/-4.271 χ^2/NDF : 187201.3/2

In: 10027.736+/-8.890 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6709.653+/-4.271 χ^2/NDF : 187201.3/2

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -3.676+/-29.346 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.267+/-32.225 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

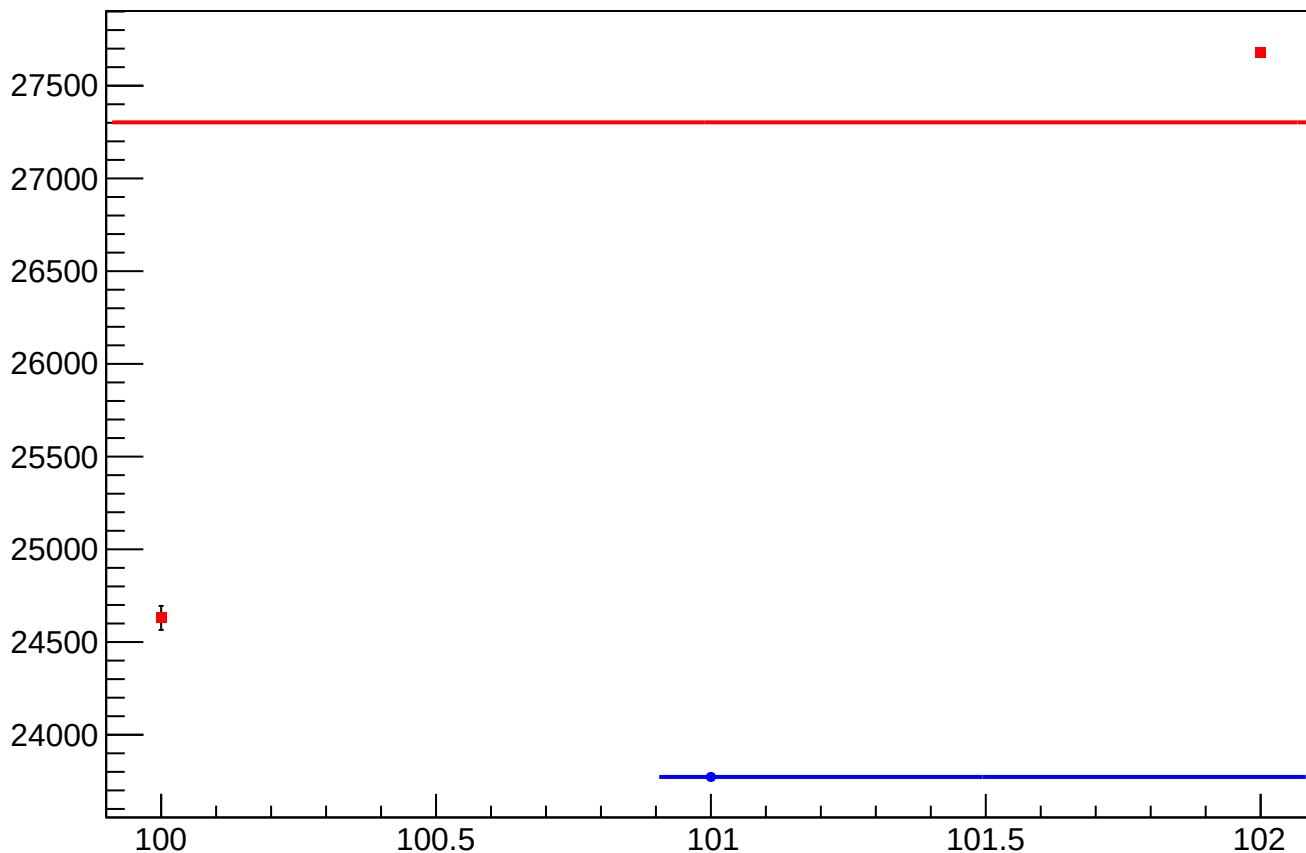
Right: -7.570+/-21.697 χ^2/NDF : 0.6/2

In: -3.676+/-29.346 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.570+/-21.697 χ^2/NDF : 0.6/2

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 23772.559+/-20.751 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 27302.514+/-22.786 χ^2 /NDF: 1947.2/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

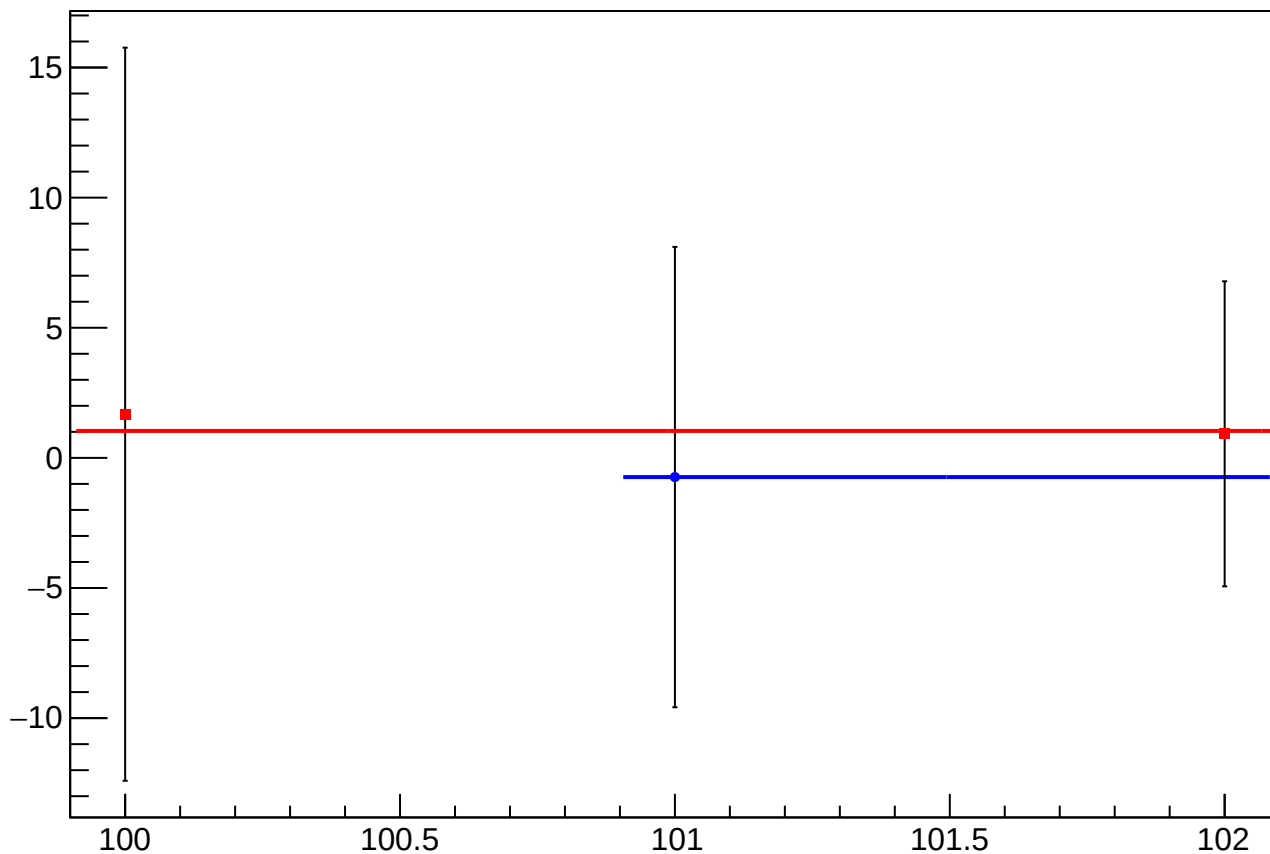
Right: 25372.830+/-15.342 χ^2 /NDF: 15066.3/2

In: 23772.559+/-20.751 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 25372.830+/-15.342 χ^2 /NDF: 15066.3/2

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -0.738+/-8.845 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.035+/-5.411 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

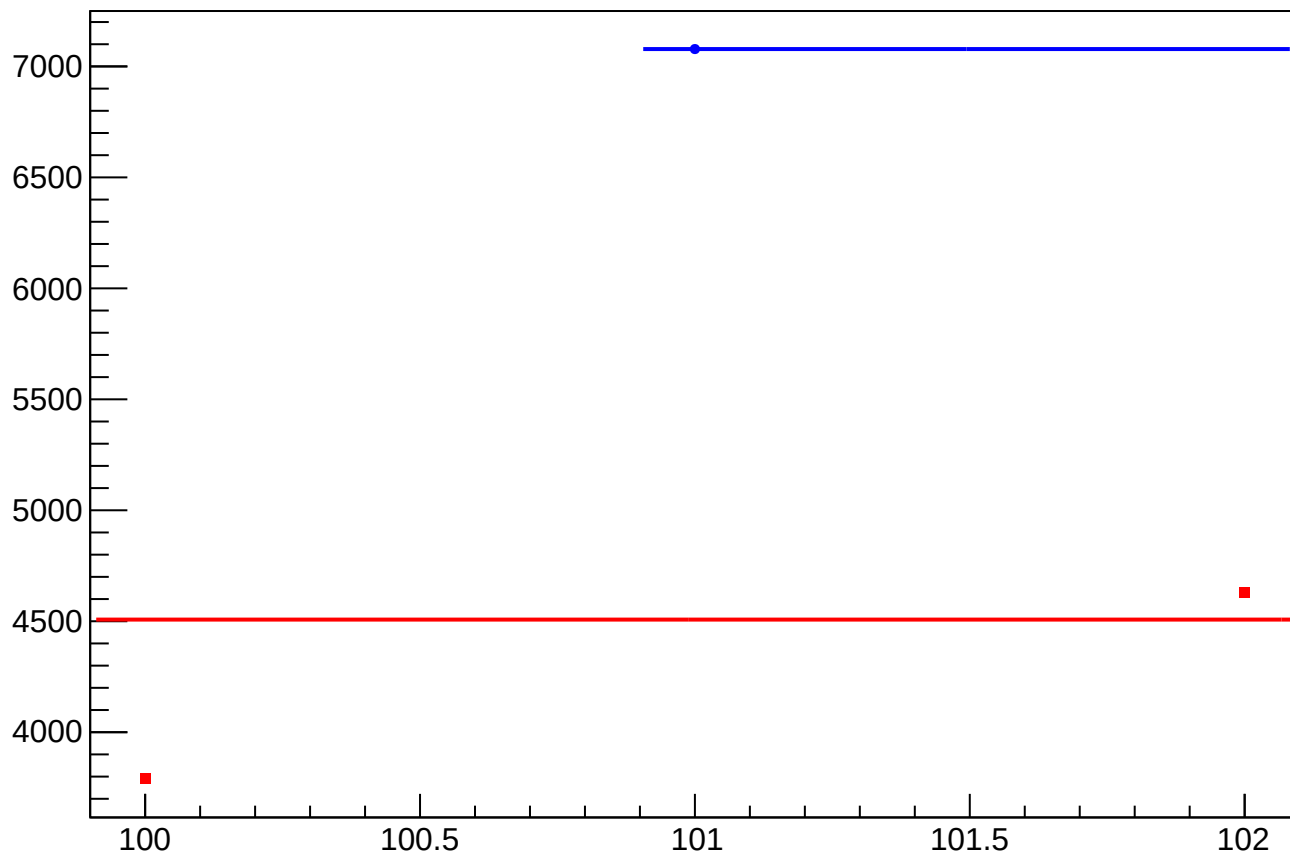
Right: 0.552+/-4.616 χ^2/NDF : 0.0/2

In: -0.738+/-8.845 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.552+/-4.616 χ^2/NDF : 0.0/2

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 7078.233+/-6.255 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4507.479+/-3.826 χ^2/NDF : 6069.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

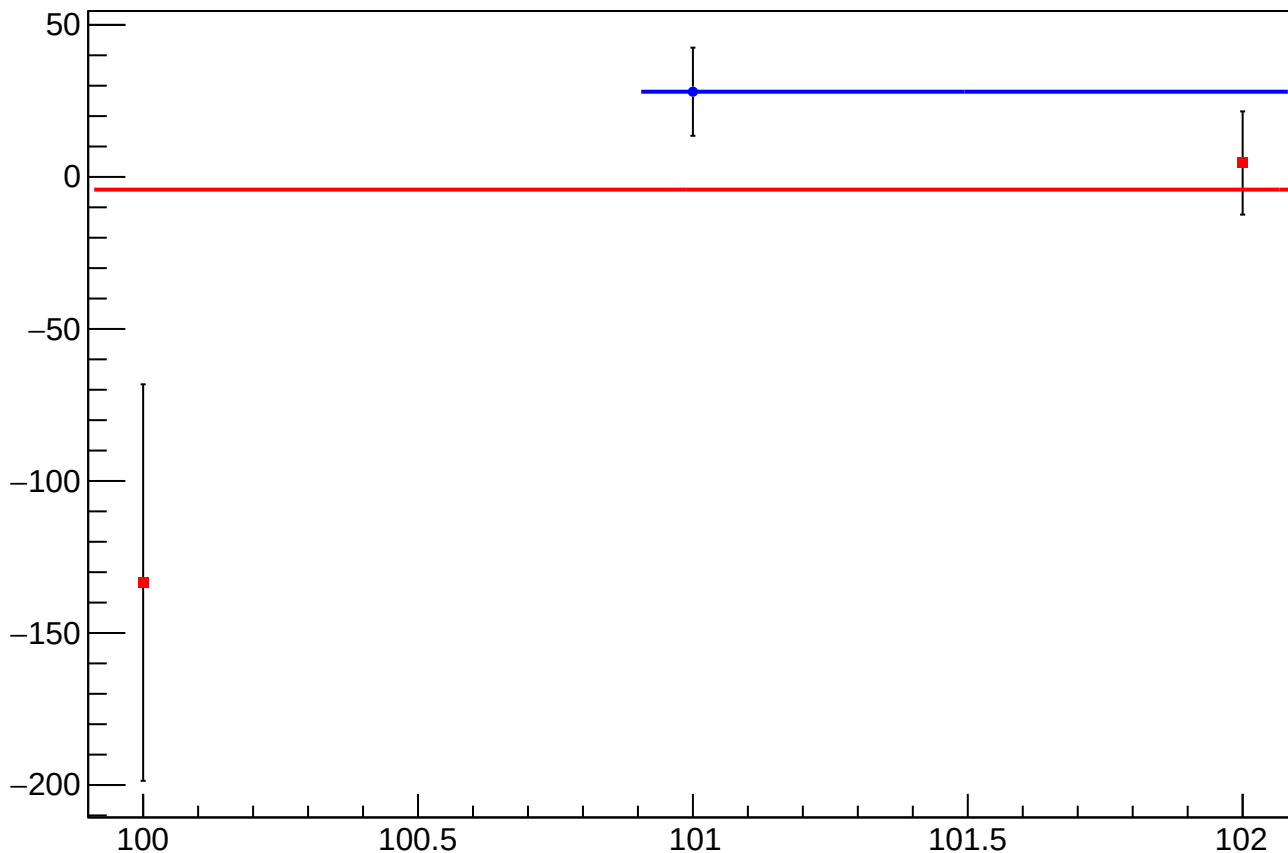
Right: 5207.541+/-3.264 χ^2/NDF : 129003.1/2

In: 7078.233+/-6.255 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5207.541+/-3.264 χ^2/NDF : 129003.1/2

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: 28.022+/-14.487 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.178+/-16.425 χ^2/NDF : 4.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

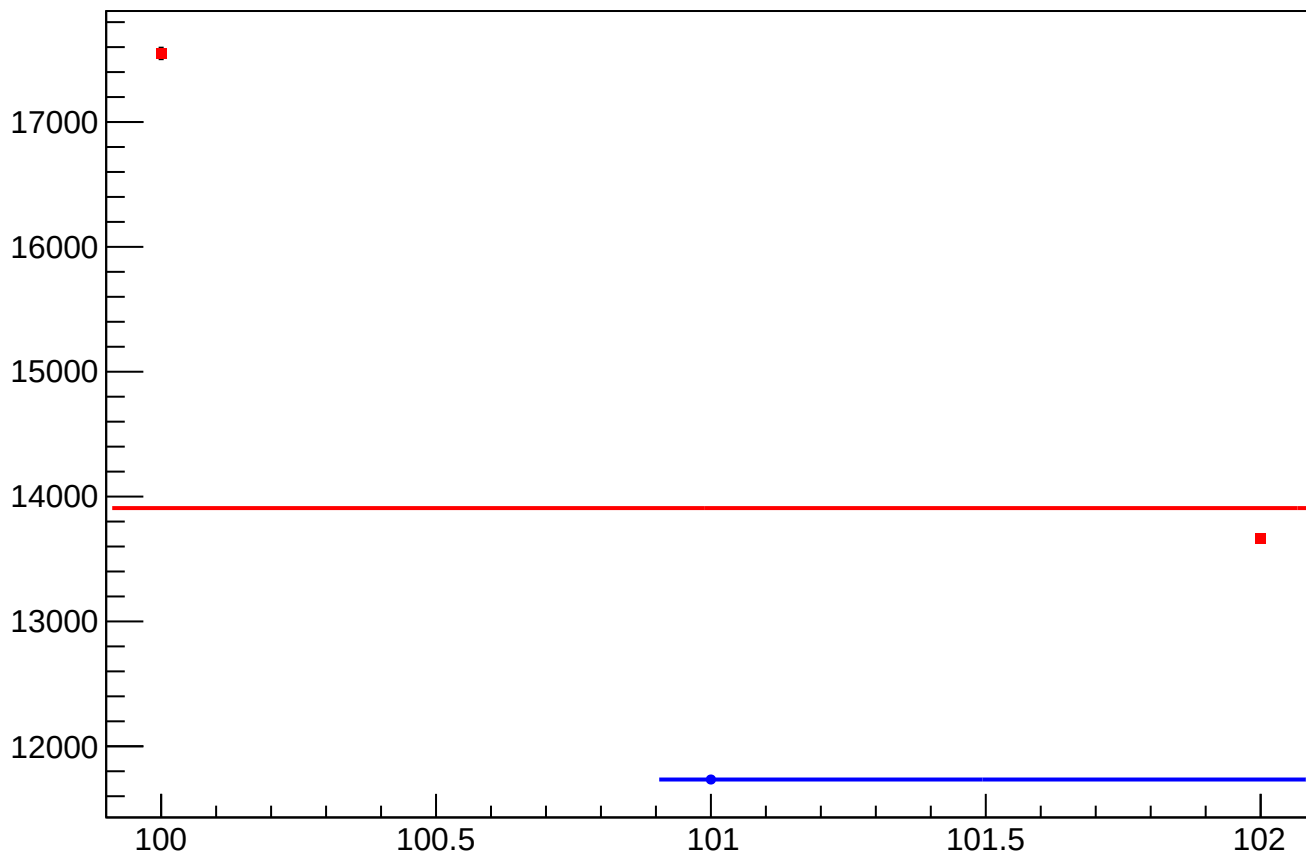
Right: 13.933+/-10.865 χ^2/NDF : 6.4/2

In: 28.022+/-14.487 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.933+/-10.865 χ^2/NDF : 6.4/2

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 11733.788 $\pm$ 10.244 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13907.800 $\pm$ 11.614 χ^2 /NDF: 6661.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

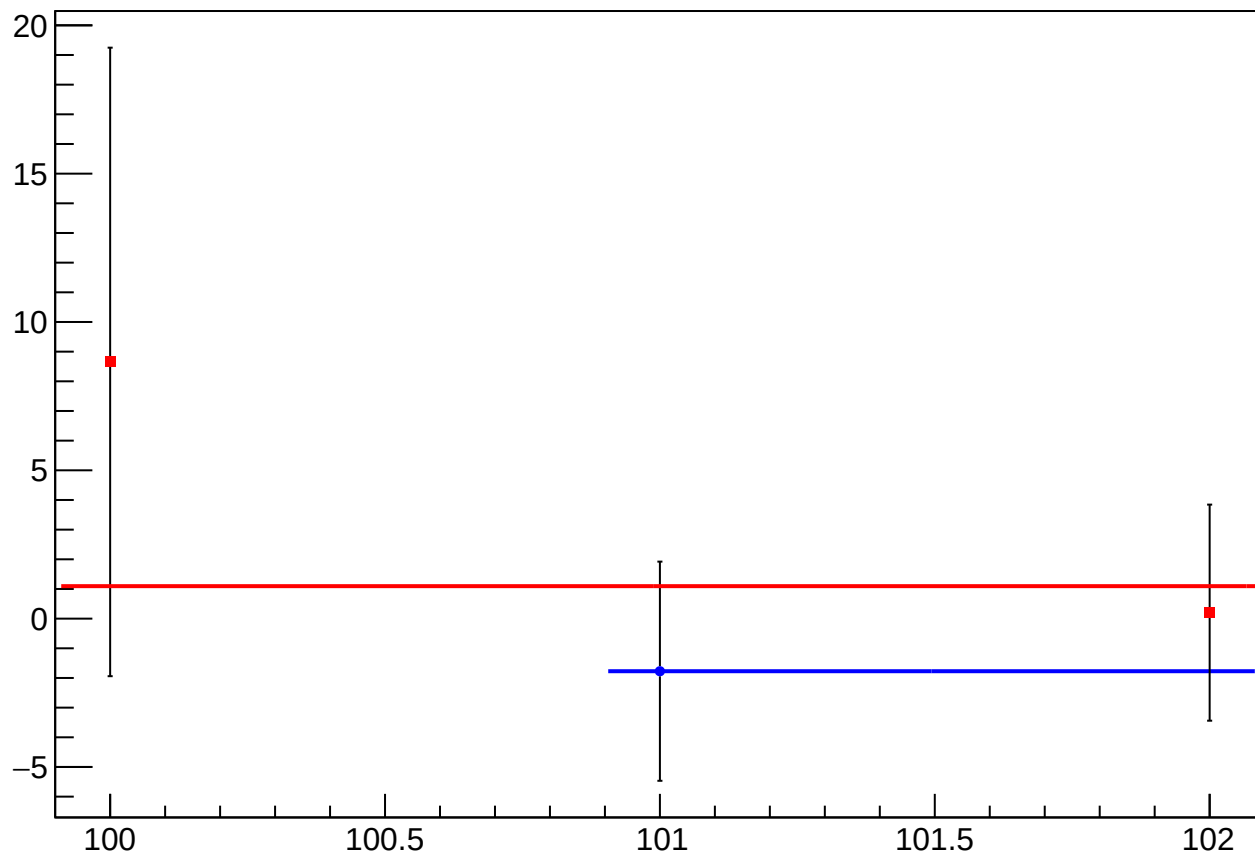
Right: 12685.029 $\pm$ 7.683 χ^2 /NDF: 26369.4/2

In: 11733.788 $\pm$ 10.244 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12685.029 $\pm$ 7.683 χ^2 /NDF: 26369.4/2

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: -1.772 ± 3.694 χ^2/NDF : 0.0/0

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.095 ± 3.444 χ^2/NDF : 0.6/1

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

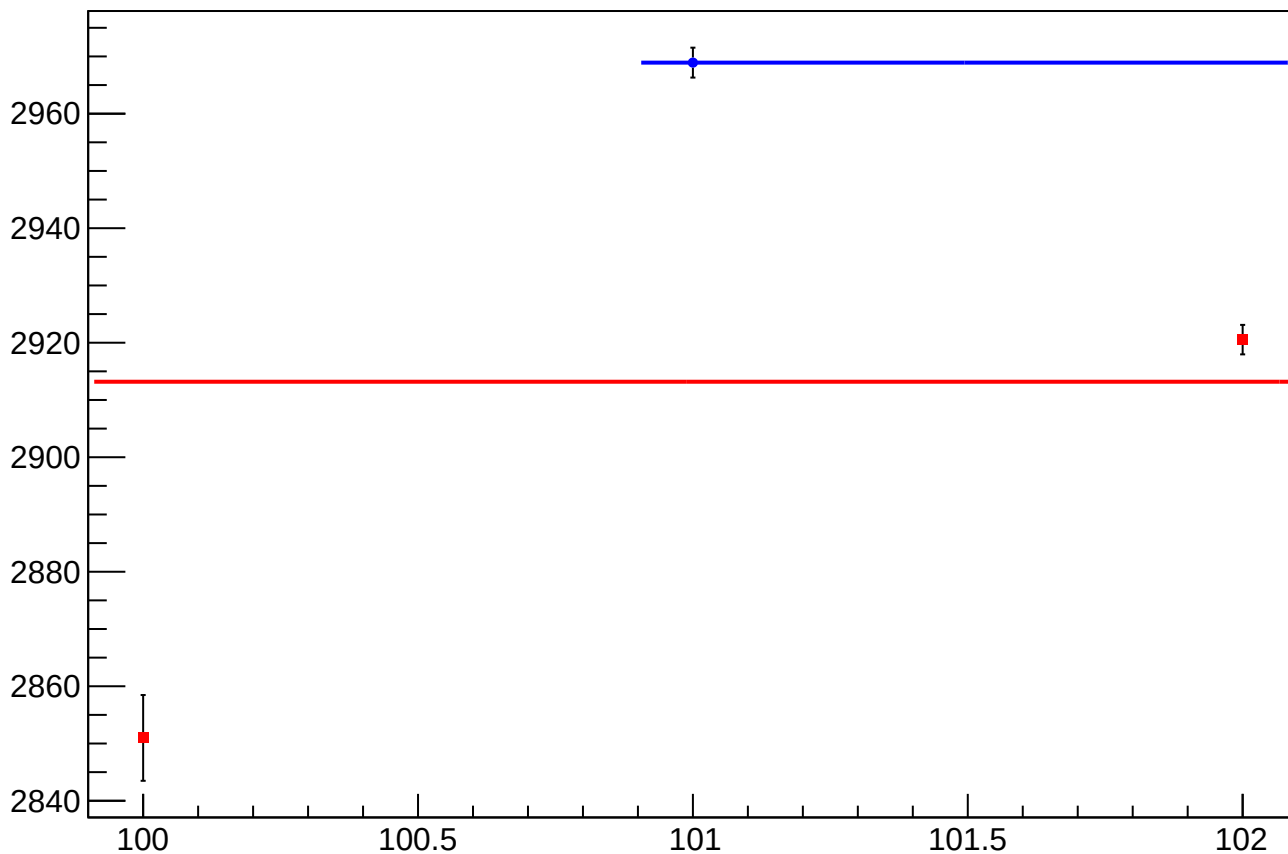
Right: -0.238 ± 2.519 χ^2/NDF : 0.9/2

In: -1.772 ± 3.694 χ^2/NDF : 0.0/0

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.238 ± 2.519 χ^2/NDF : 0.9/2

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 2968.918 $\pm$ 2.612 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2913.186 $\pm$ 2.435 χ^2 /NDF: 77.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 2939.103 $\pm$ 1.781 χ^2 /NDF: 320.7/2

In: 2968.918 $\pm$ 2.612 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2939.103 $\pm$ 1.781 χ^2 /NDF: 320.7/2

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: 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_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: 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_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

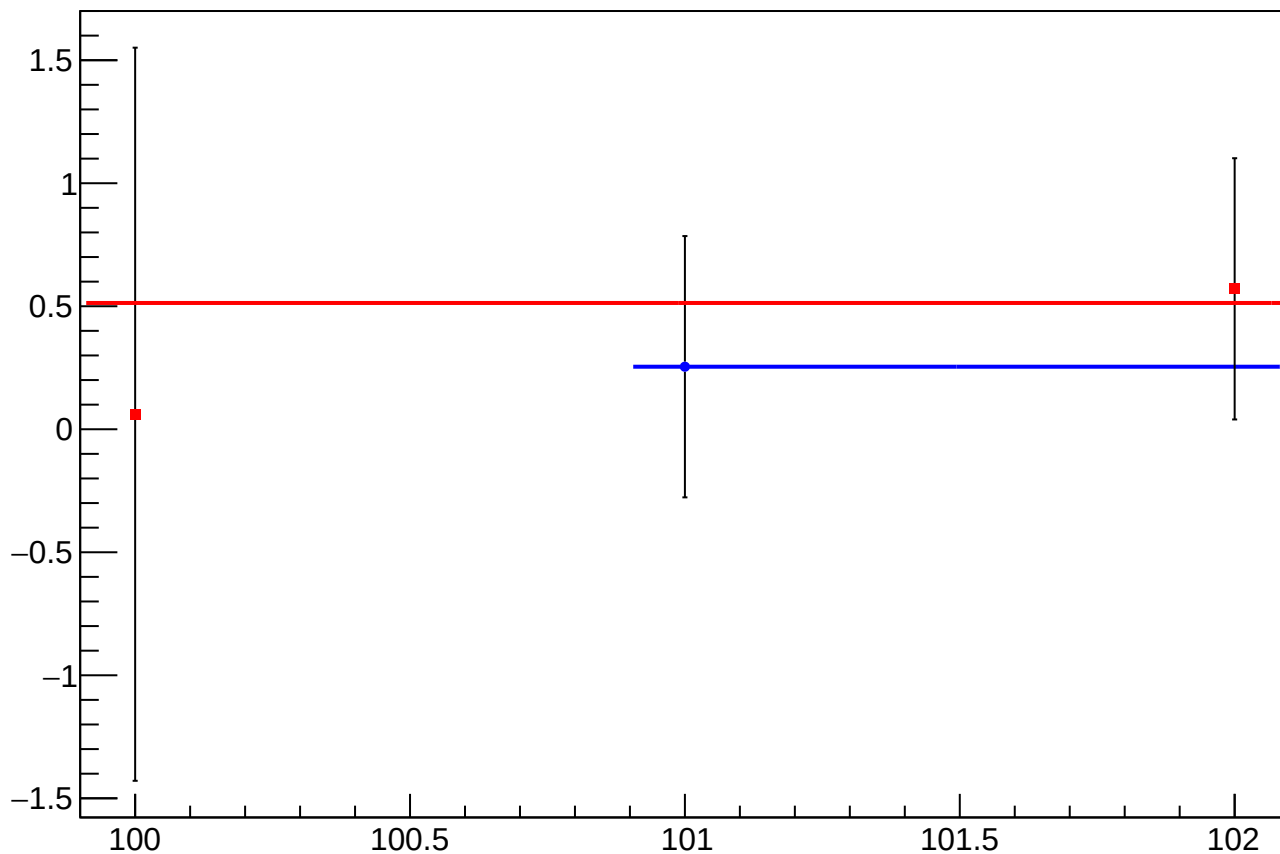
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 0.254+/-0.531 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.513+/-0.500 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

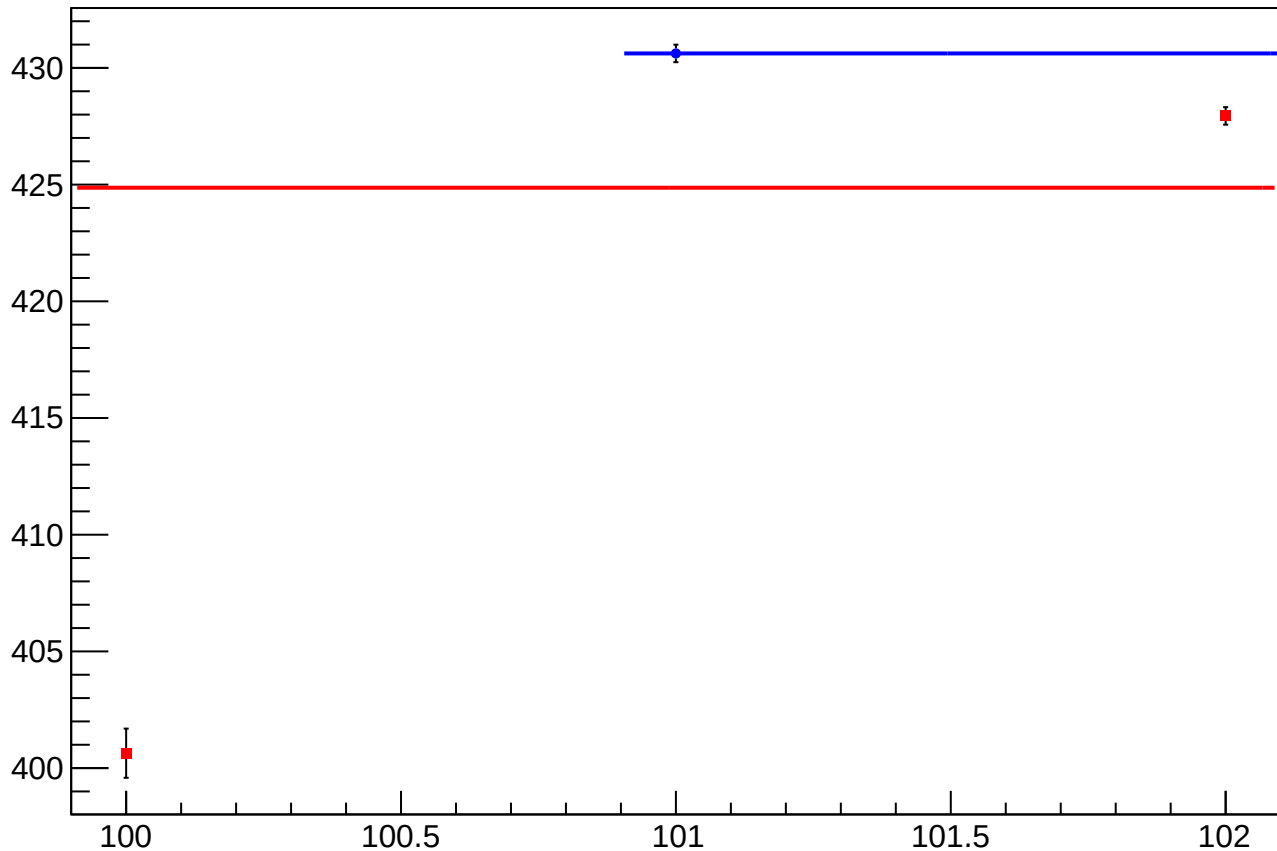
Right: 0.392+/-0.364 χ^2/NDF : 0.2/2

In: 0.254+/-0.531 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.392+/-0.364 χ^2/NDF : 0.2/2

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 430.621+/-0.376 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 424.867+/-0.354 χ^2/NDF : 596.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

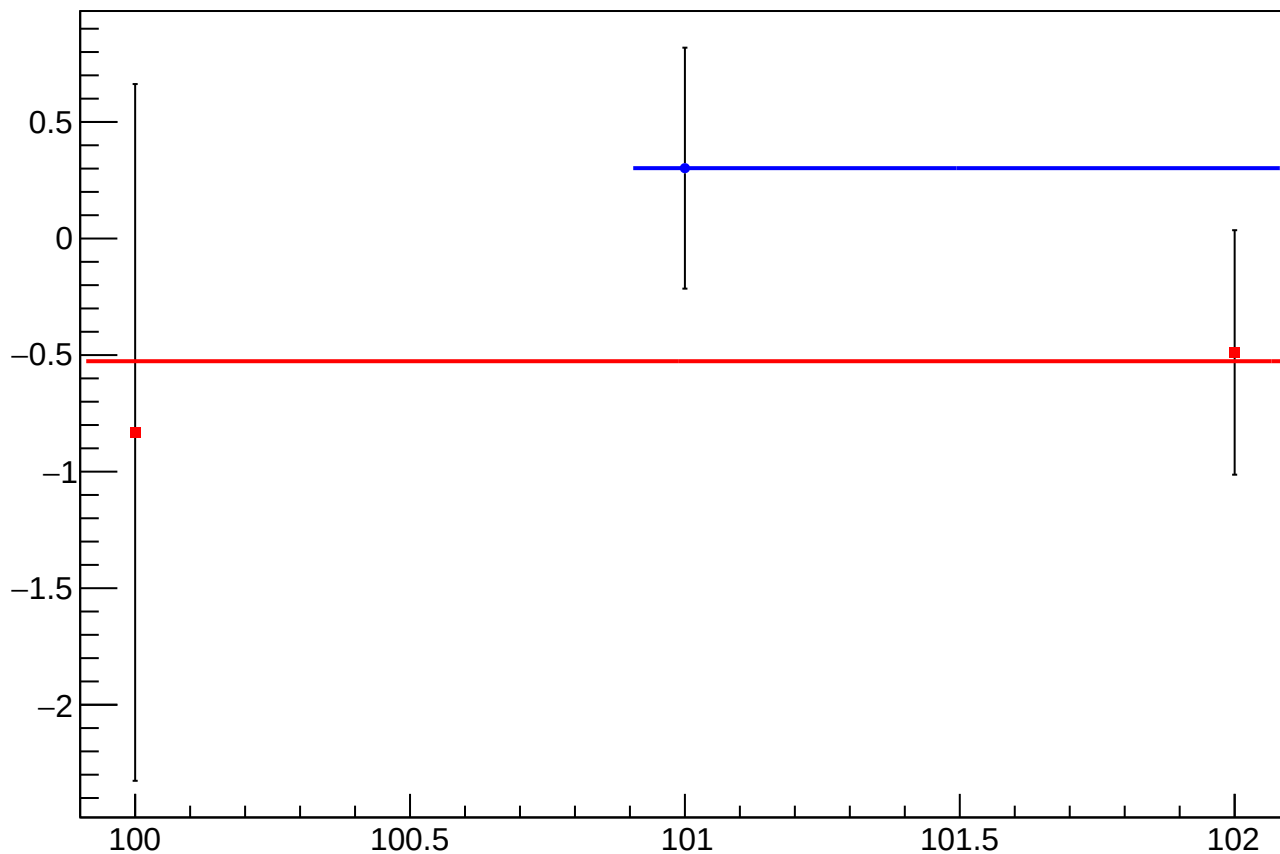
Right: 427.572+/-0.257 χ^2/NDF : 720.5/2

In: 430.621+/-0.376 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 427.572+/-0.257 χ^2/NDF : 720.5/2

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: 0.302 $\pm$ 0.517 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.526 $\pm$ 0.495 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

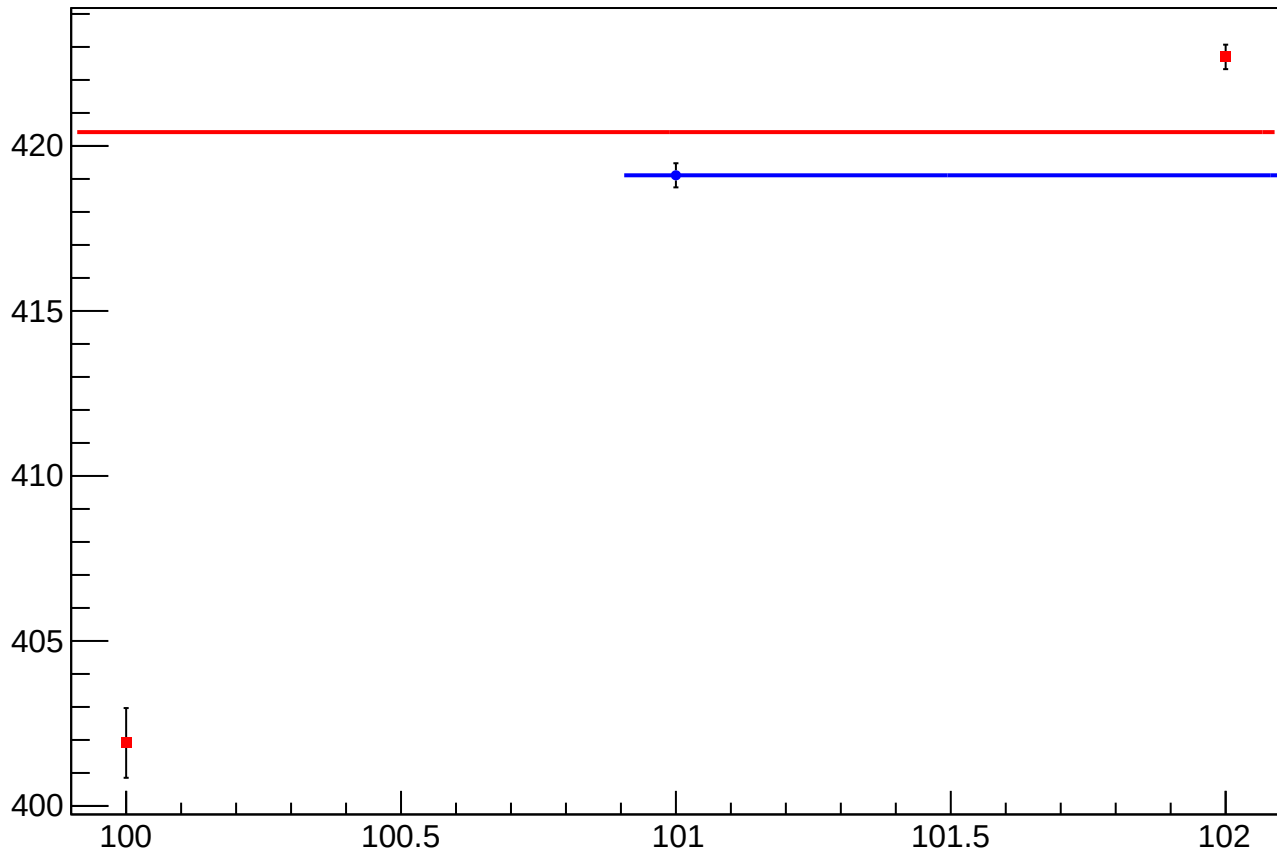
Right: -0.130 $\pm$ 0.357 χ^2 /NDF: 1.4/2

In: 0.302 $\pm$ 0.517 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.130 $\pm$ 0.357 χ^2 /NDF: 1.4/2

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 419.110 $\pm$ 0.365 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 420.419 $\pm$ 0.350 χ^2 /NDF: 344.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

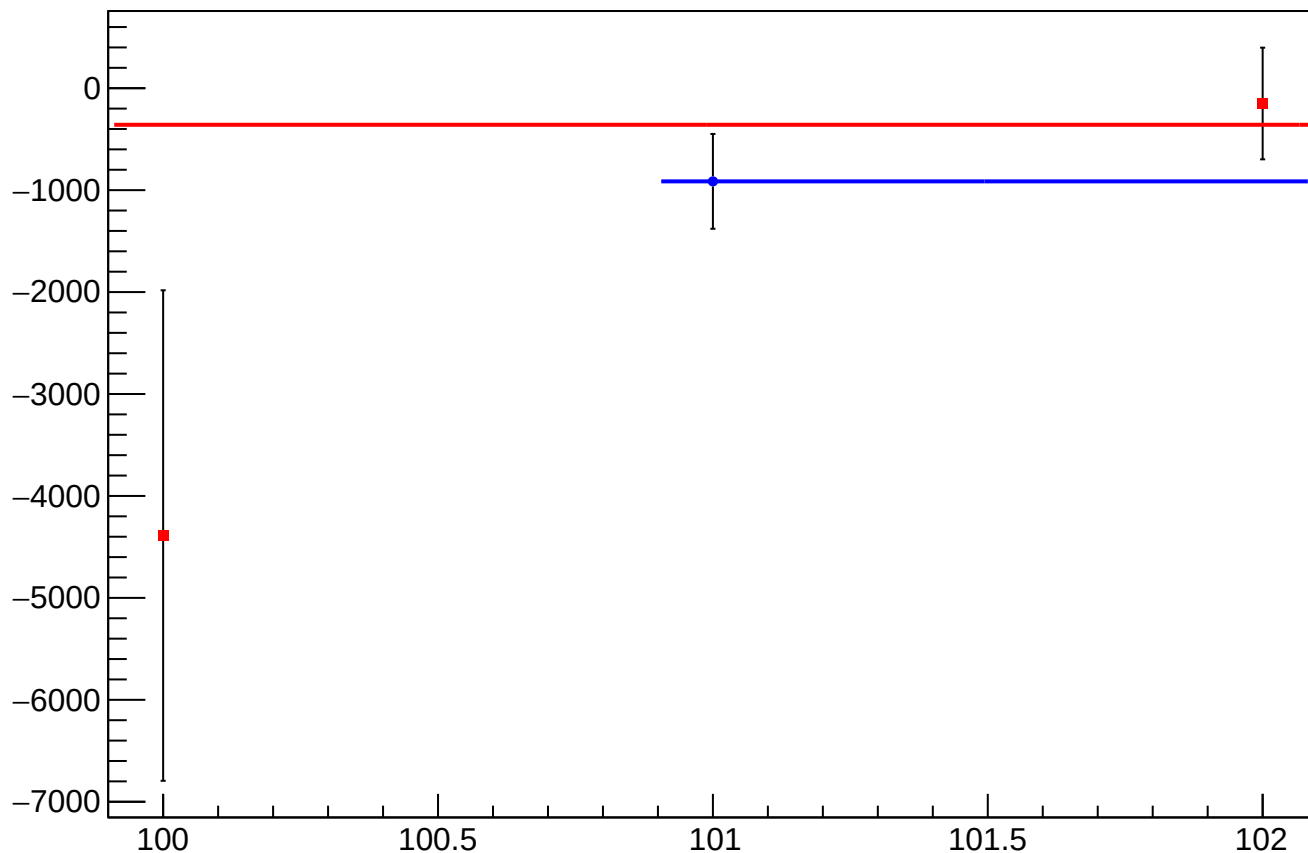
Right: 419.793 $\pm$ 0.253 χ^2 /NDF: 351.3/2

In: 419.110 $\pm$ 0.365 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 419.793 $\pm$ 0.253 χ^2 /NDF: 351.3/2

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: -913.942+/-465.114 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -358.851+/-534.050 χ^2/NDF : 3.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

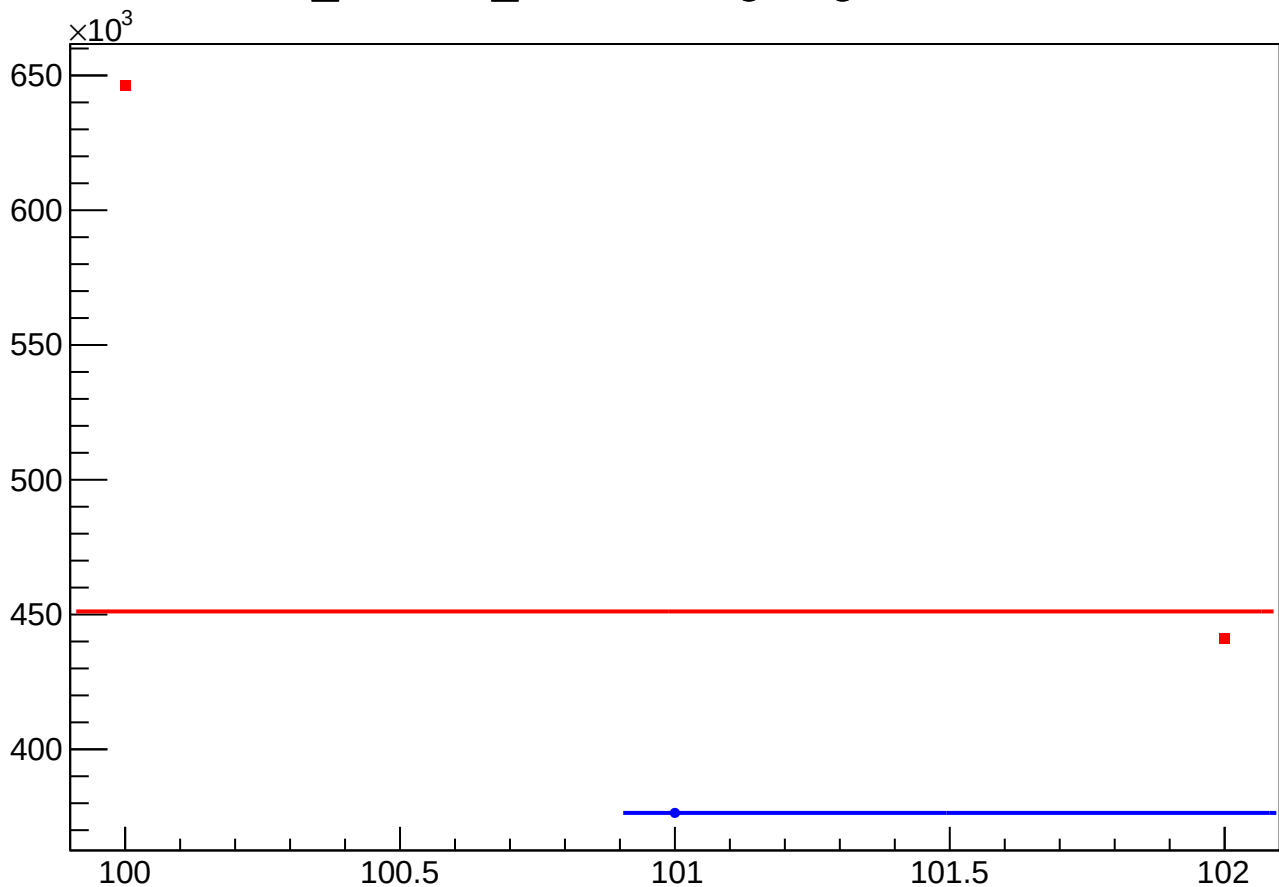
Right: -674.513+/-350.742 χ^2/NDF : 3.6/2

In: -913.942+/-465.114 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -674.513+/-350.742 χ^2/NDF : 3.6/2

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 376403.665 $\pm$ 328.885 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 451148.252 $\pm$ 377.630 χ^2 /NDF: 13848.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

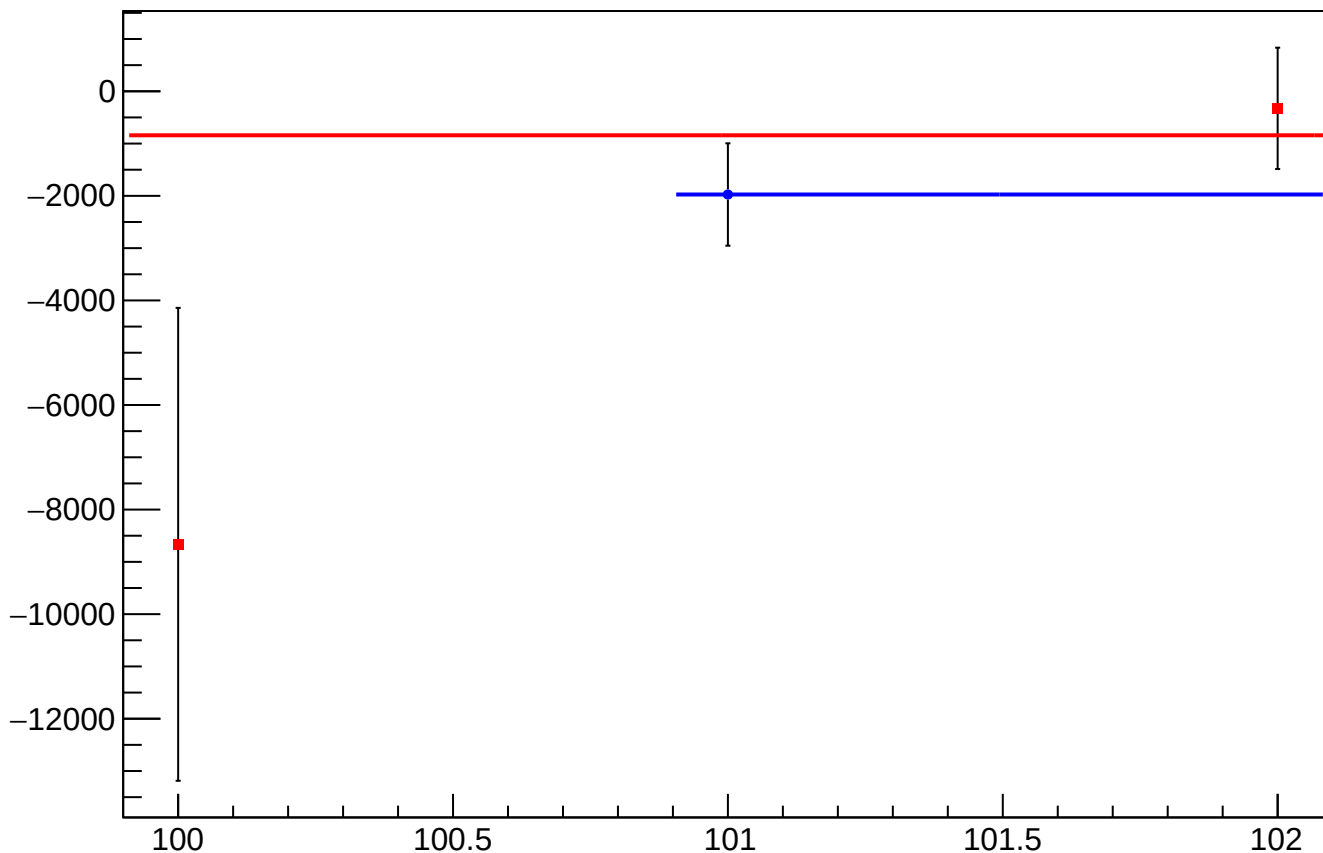
Right: 408643.483 $\pm$ 248.012 χ^2 /NDF: 36127.1/2

In: 376403.665 $\pm$ 328.885 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 408643.483 $\pm$ 248.012 χ^2 /NDF: 36127.1

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -1974.057+/-979.110 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -841.486+/-1124.072 χ^2/NDF : 3.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

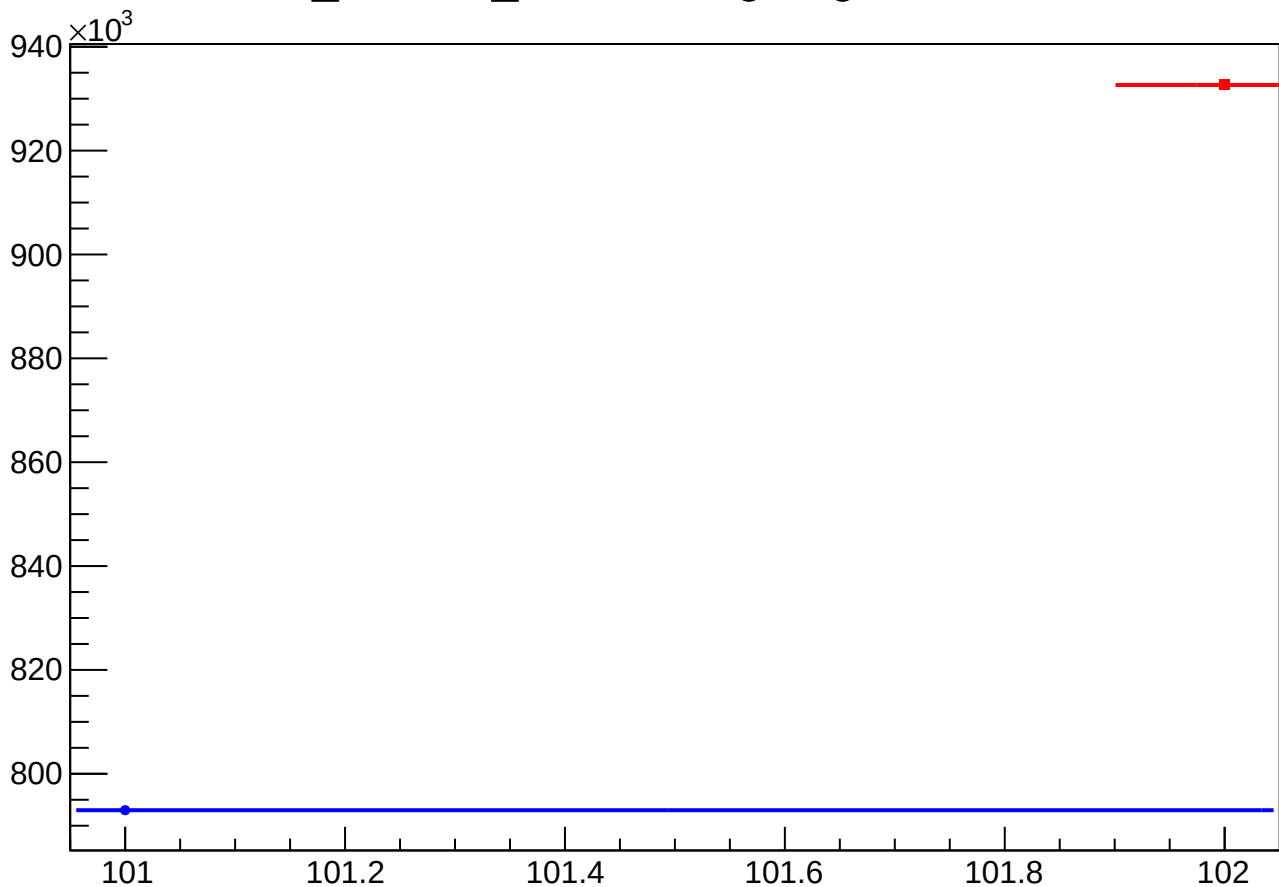
Right: -1485.465+/-738.303 χ^2/NDF : 3.8/2

In: -1974.057+/-979.110 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1485.465+/-738.303 χ^2/NDF : 3.8/2

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 792988.596 $\pm$ 692.336 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 932639.180 $\pm$ 830.456 χ^2/NDF : 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

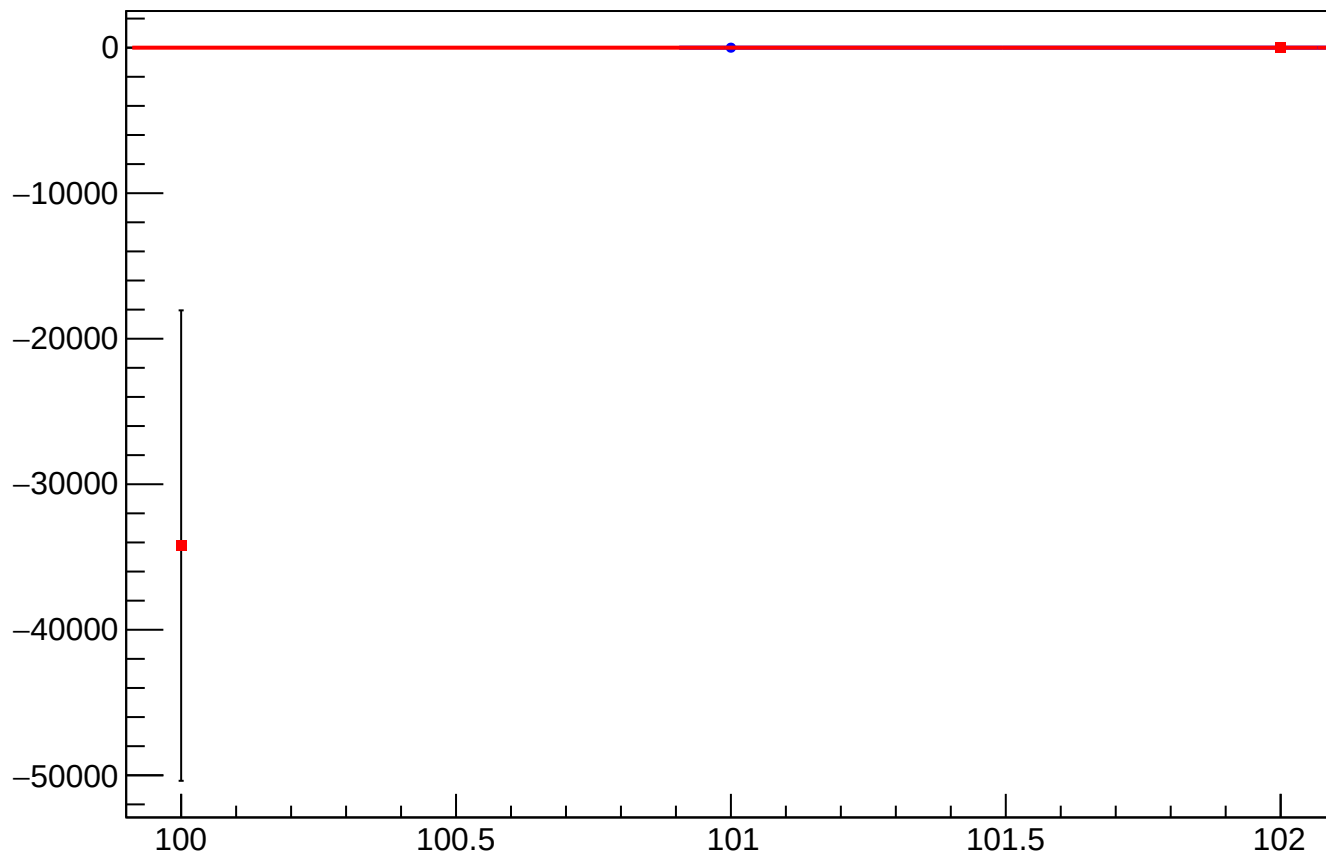
Right: 850250.674 $\pm$ 531.776 χ^2/NDF : 16683.1/1

In: 792988.596 $\pm$ 692.336 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 850250.674 $\pm$ 531.776 χ^2/NDF : 16683.1

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: 0.017 $\pm$ 0.184 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.409 $\pm$ 0.186 χ^2 /NDF: 4.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

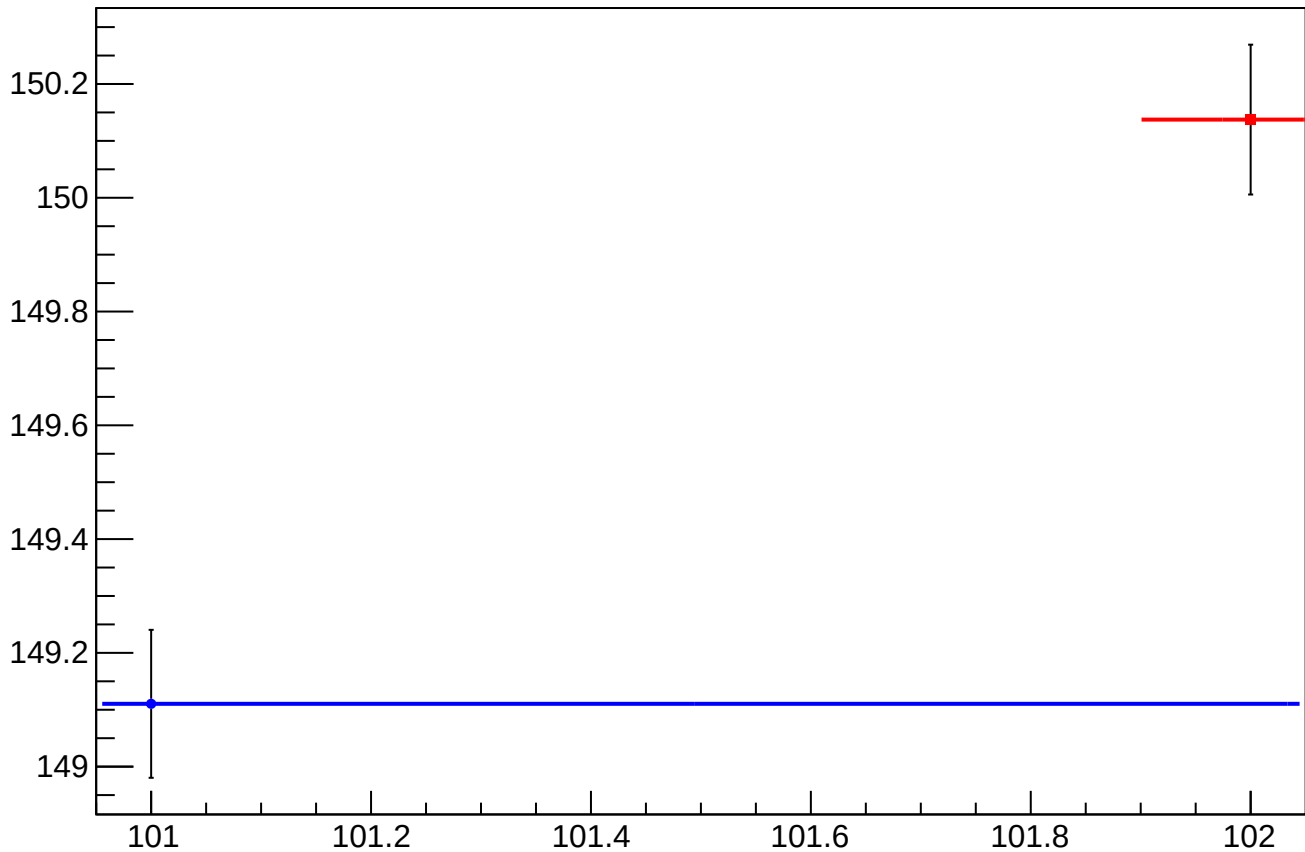
Right: 0.211 $\pm$ 0.131 χ^2 /NDF: 6.7/2

In: 0.017 $\pm$ 0.184 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.211 $\pm$ 0.131 χ^2 /NDF: 6.7/2

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 149.110 $\pm$ 0.130 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 150.137 $\pm$ 0.132 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

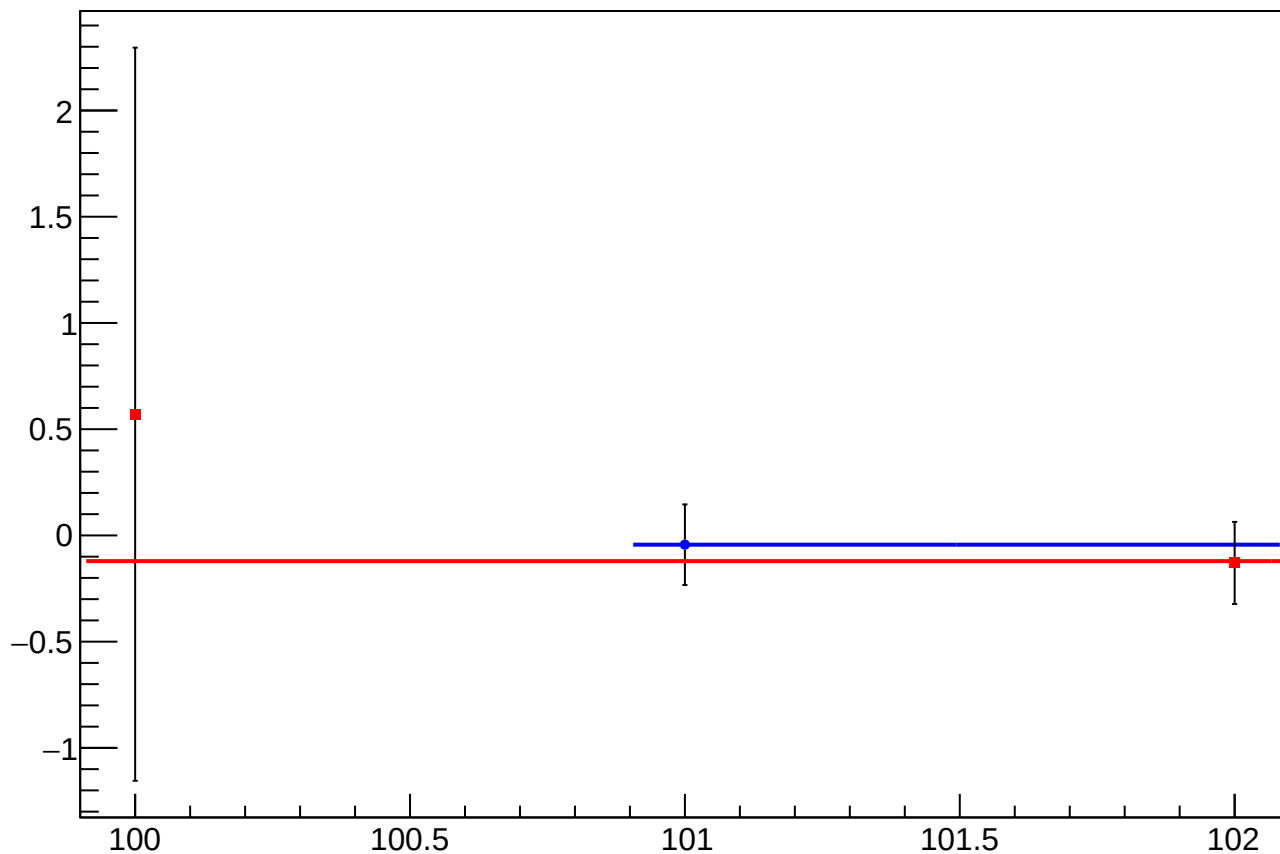
Right: 149.617 $\pm$ 0.093 χ^2 /NDF: 30.8/1

In: 149.110 $\pm$ 0.130 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 149.617 $\pm$ 0.093 χ^2 /NDF: 30.8/1

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: -0.044 $\pm$ 0.190 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.121 $\pm$ 0.192 χ^2 /NDF: 0.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

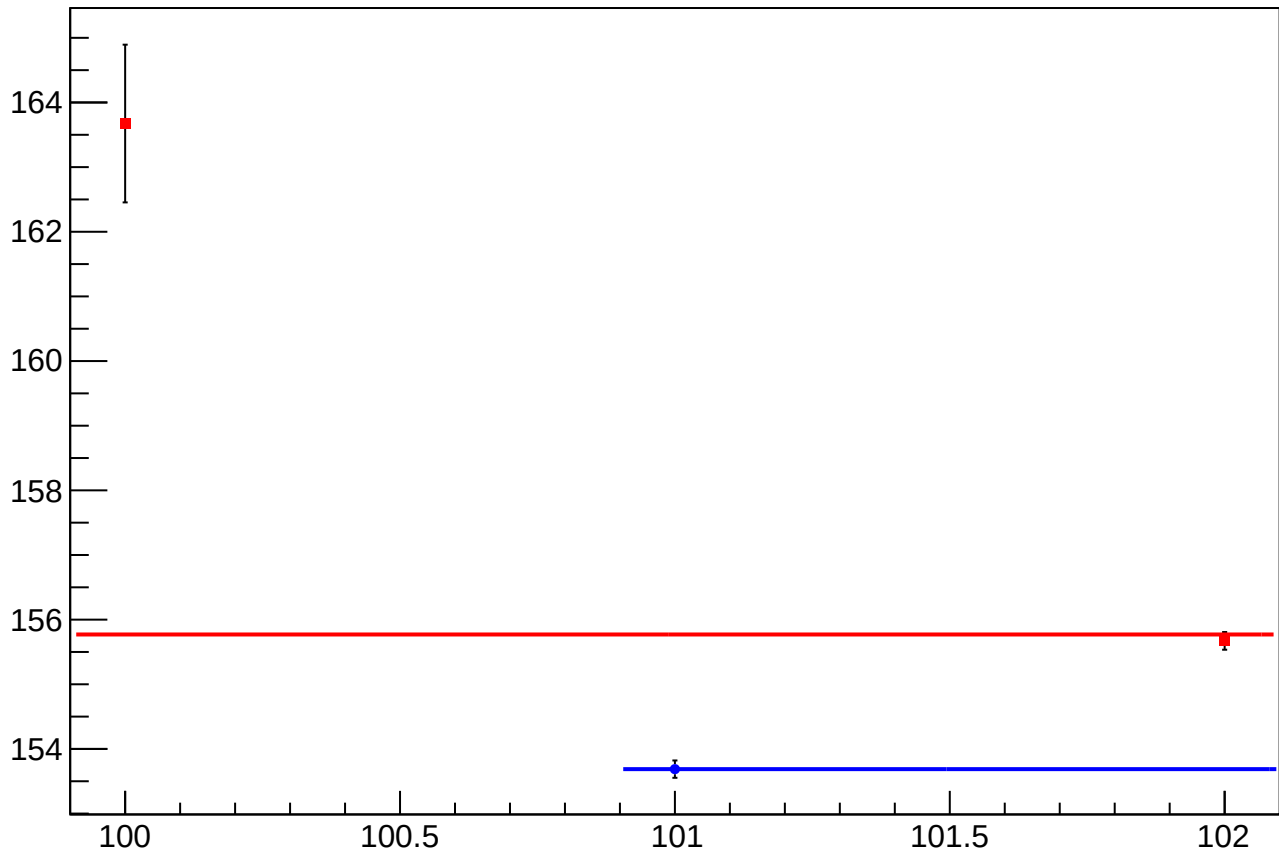
Right: -0.082 $\pm$ 0.135 χ^2 /NDF: 0.2/2

In: -0.044 $\pm$ 0.190 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.082 $\pm$ 0.135 χ^2 /NDF: 0.2/2

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 153.687 $\pm$ 0.134 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 155.770 $\pm$ 0.136 χ^2 /NDF: 42.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

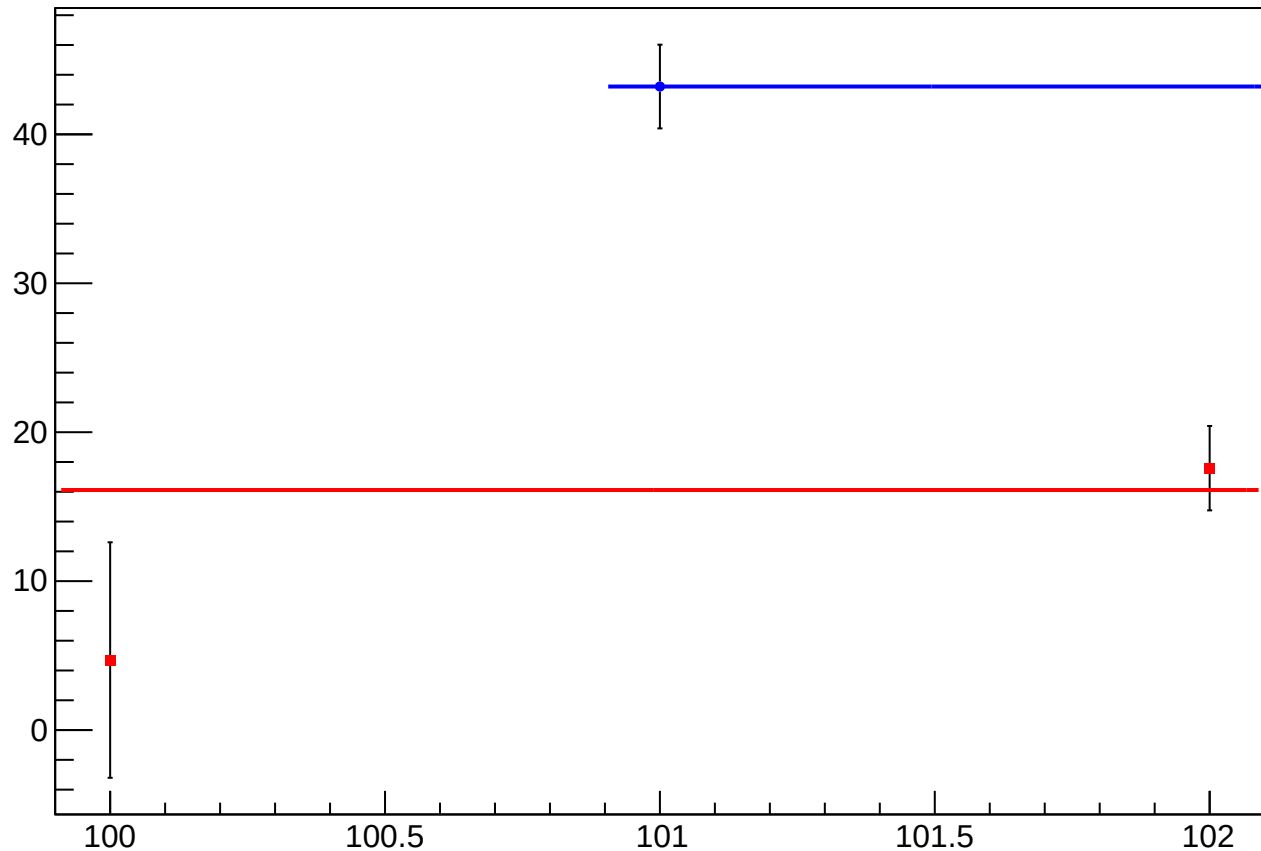
Right: 154.716 $\pm$ 0.095 χ^2 /NDF: 161.7/2

In: 153.687 $\pm$ 0.134 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 154.716 $\pm$ 0.095 χ^2 /NDF: 161.7/2

diff_bpm0i01X_mean vs Slug, Sign Corrected



Right In: 43.211+/-2.811 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 16.119+/-2.667 χ^2 /NDF: 2.4/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

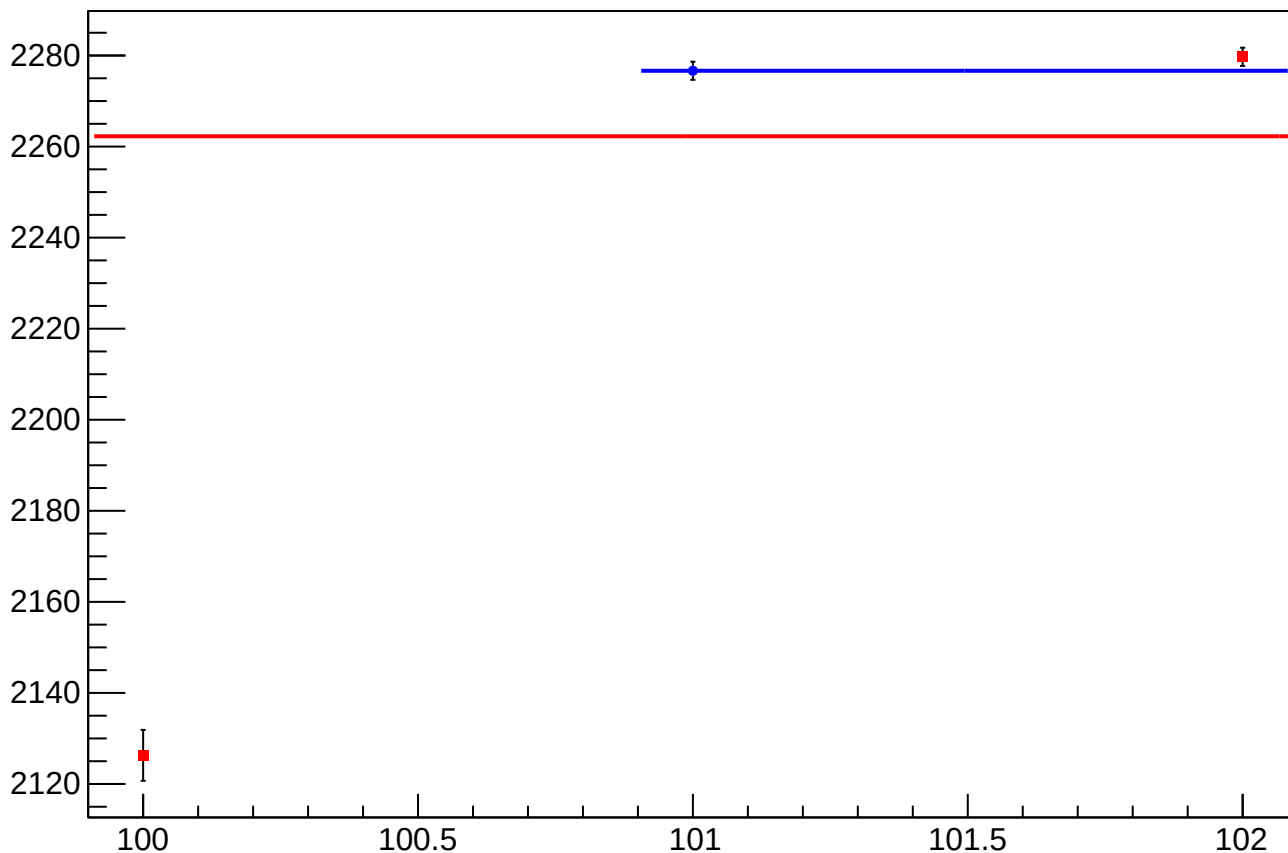
Right: 28.954+/-1.935 χ^2 /NDF: 51.2/2

In: 43.211+/-2.811 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 28.954+/-1.935 χ^2 /NDF: 51.2/2

diff_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 2276.651+/-1.988 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2262.261+/-1.886 χ^2 /NDF: 667.4/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

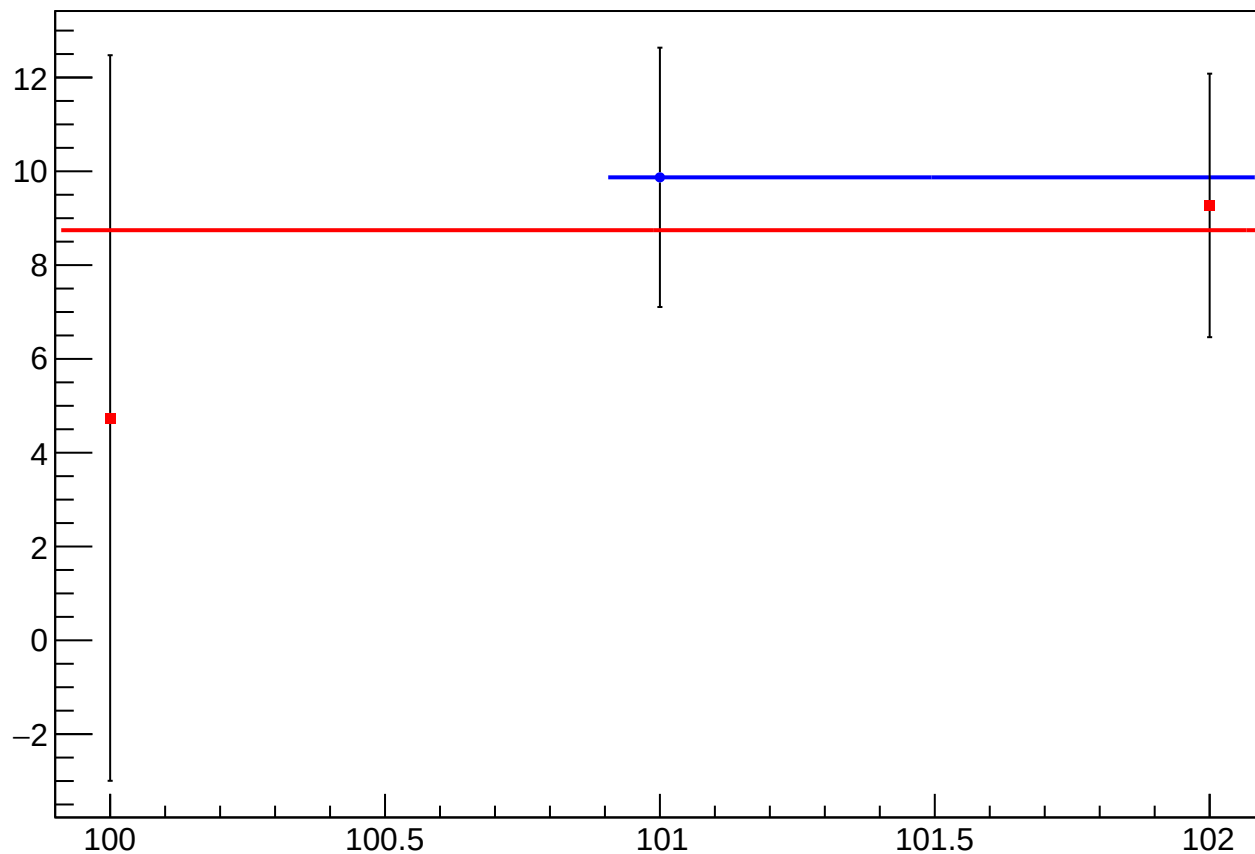
Right: 2269.079+/-1.368 χ^2 /NDF: 695.0/2

In: 2276.651+/-1.988 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2269.079+/-1.368 χ^2 /NDF: 695.0/2

diff_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: 9.871+/-2.765 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.744+/-2.640 χ^2/NDF : 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

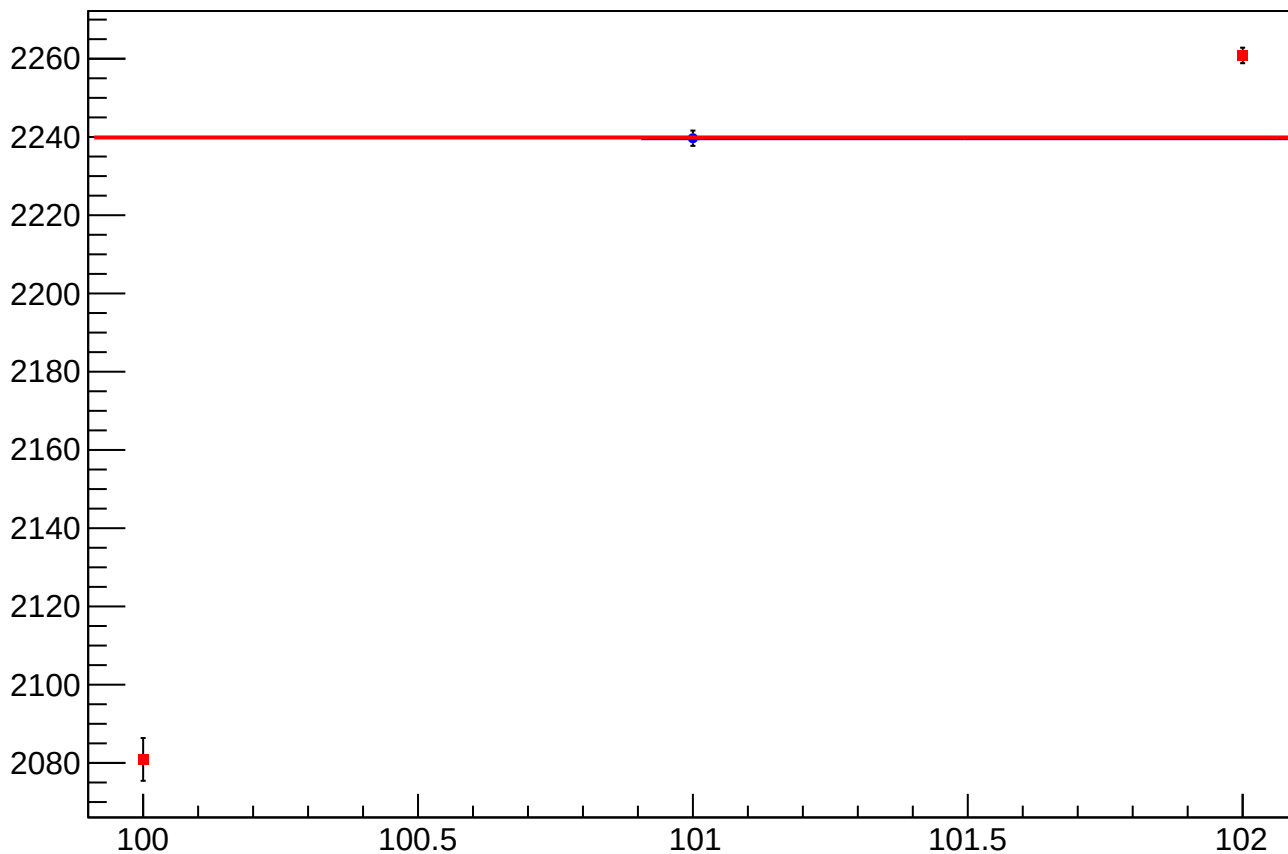
Right: 9.282+/-1.910 χ^2/NDF : 0.4/2

In: 9.871+/-2.765 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.282+/-1.910 χ^2/NDF : 0.4/2

diff_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 2239.683 $\pm$ 1.955 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2239.874 $\pm$ 1.867 χ^2 /NDF: 956.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

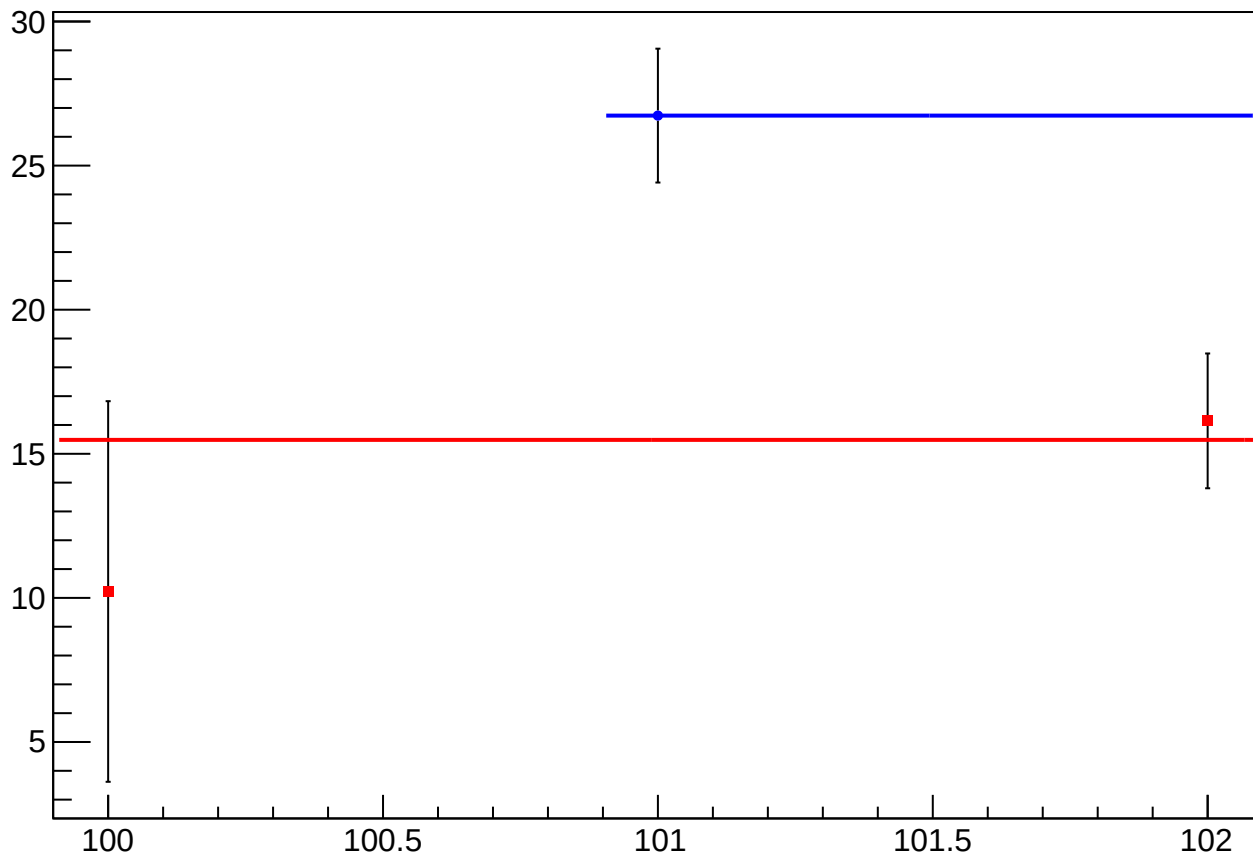
Right: 2239.783 $\pm$ 1.350 χ^2 /NDF: 956.2/2

In: 2239.683 $\pm$ 1.955 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2239.783 $\pm$ 1.350 χ^2 /NDF: 956.2/2

diff_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: 26.735 $\pm$ 2.322 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 15.483 $\pm$ 2.204 χ^2 /NDF: 0.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

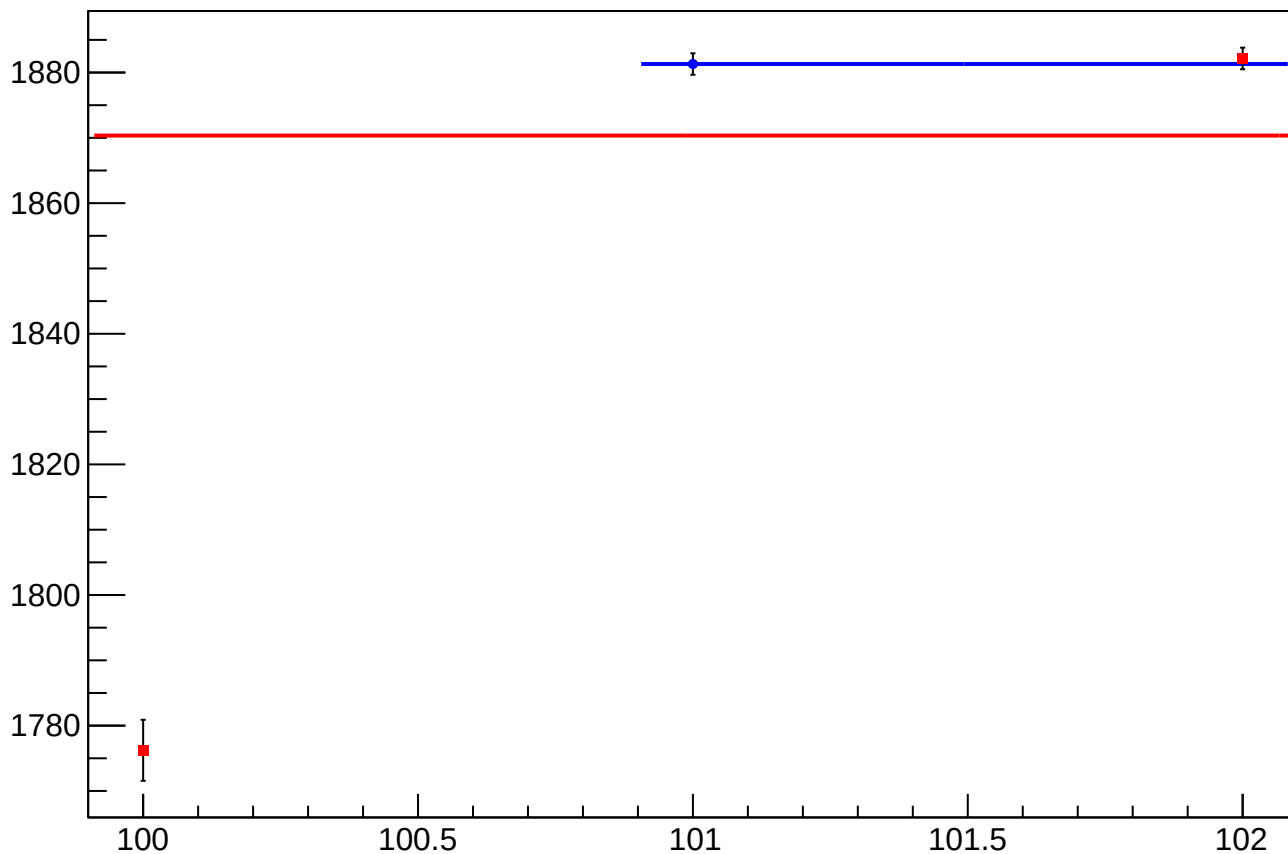
Right: 20.815 $\pm$ 1.599 χ^2 /NDF: 13.1/2

In: 26.735 $\pm$ 2.322 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.815 $\pm$ 1.599 χ^2 /NDF: 13.1/2

diff_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 1881.303+/-1.642 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1870.350+/-1.559 χ^2/NDF : 457.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

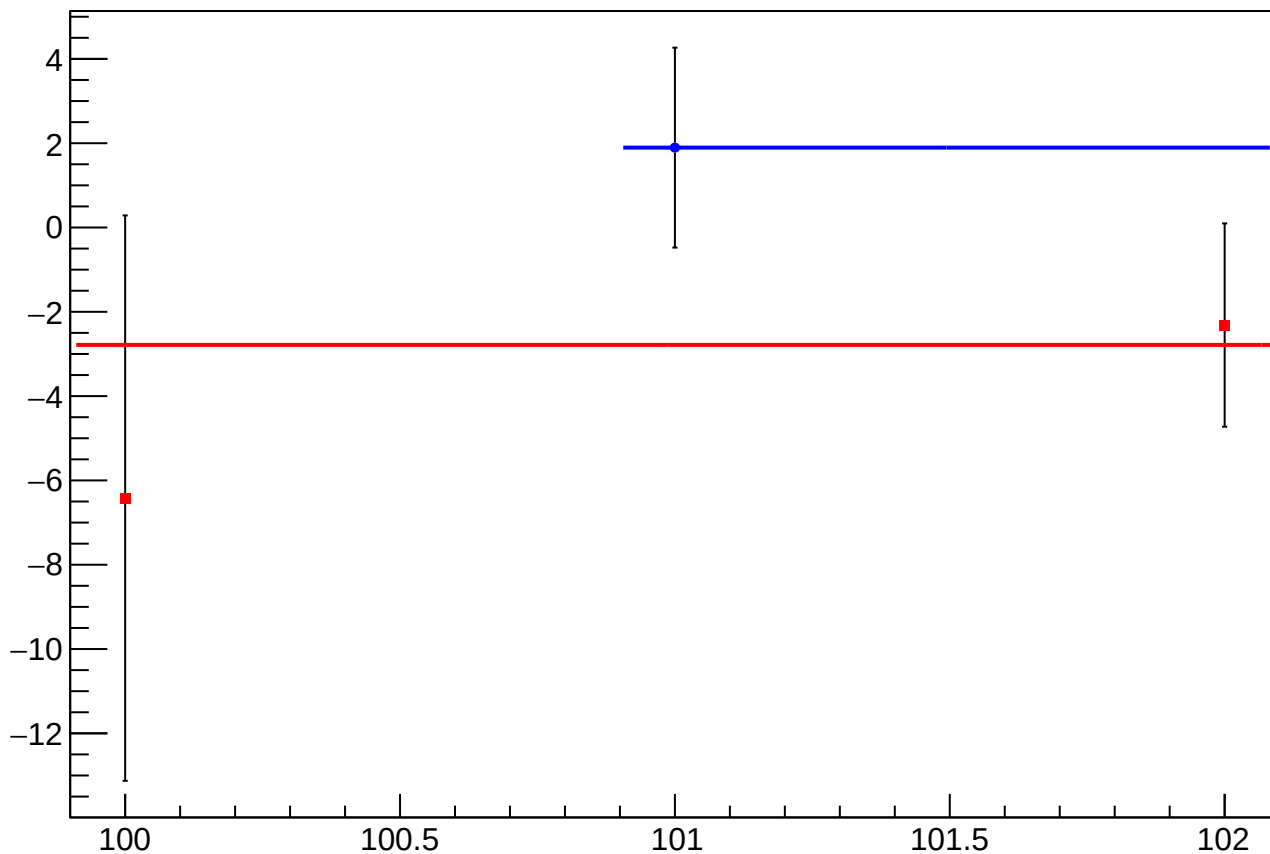
Right: 1875.540+/-1.131 χ^2/NDF : 480.7/2

In: 1881.303+/-1.642 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1875.540+/-1.131 χ^2/NDF : 480.7/2

diff_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 1.895+/-2.371 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.785+/-2.269 χ^2/NDF : 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

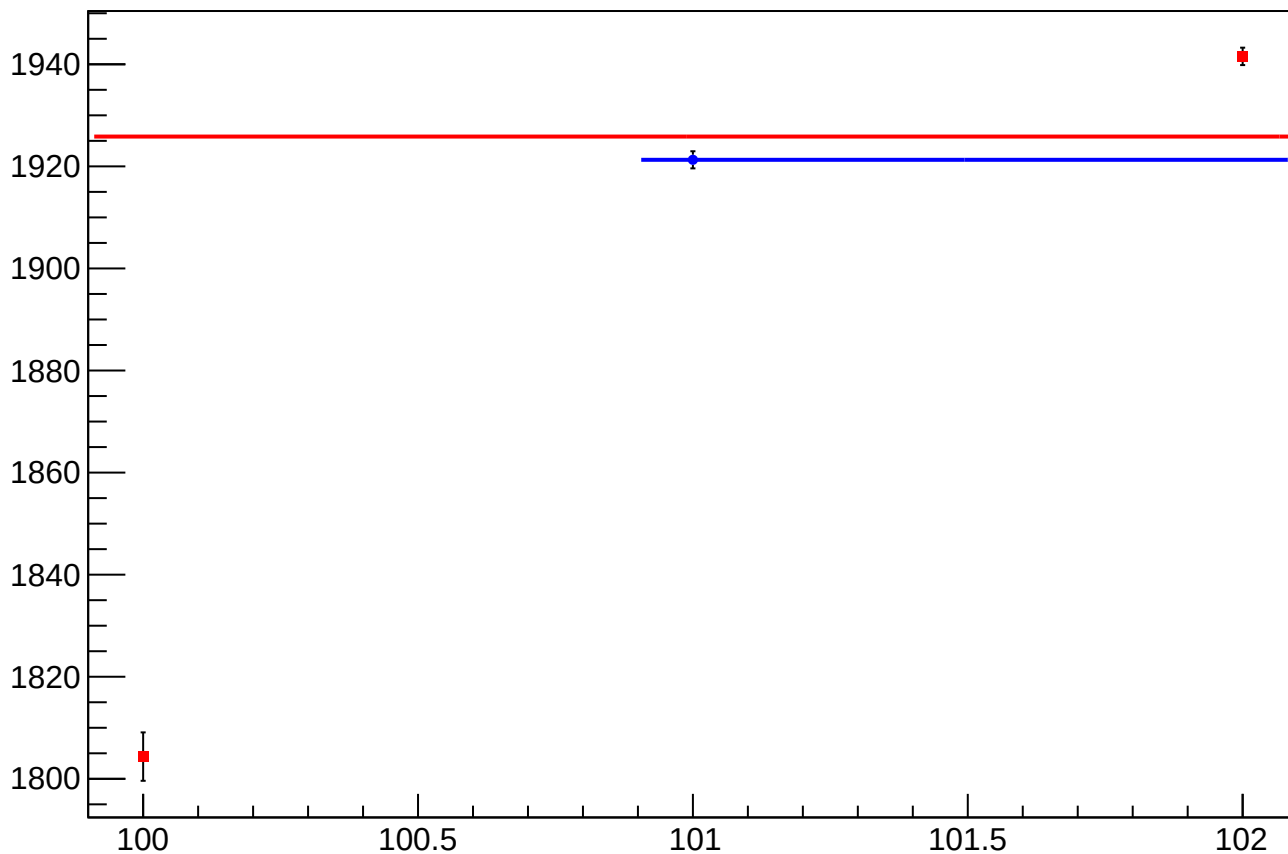
Right: -0.547+/-1.639 χ^2/NDF : 2.4/2

In: 1.895+/-2.371 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.547+/-1.639 χ^2/NDF : 2.4/2

diff_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 1921.285 ± 1.677 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1925.841 ± 1.605 $\chi^2/\text{NDF}: 741.2/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

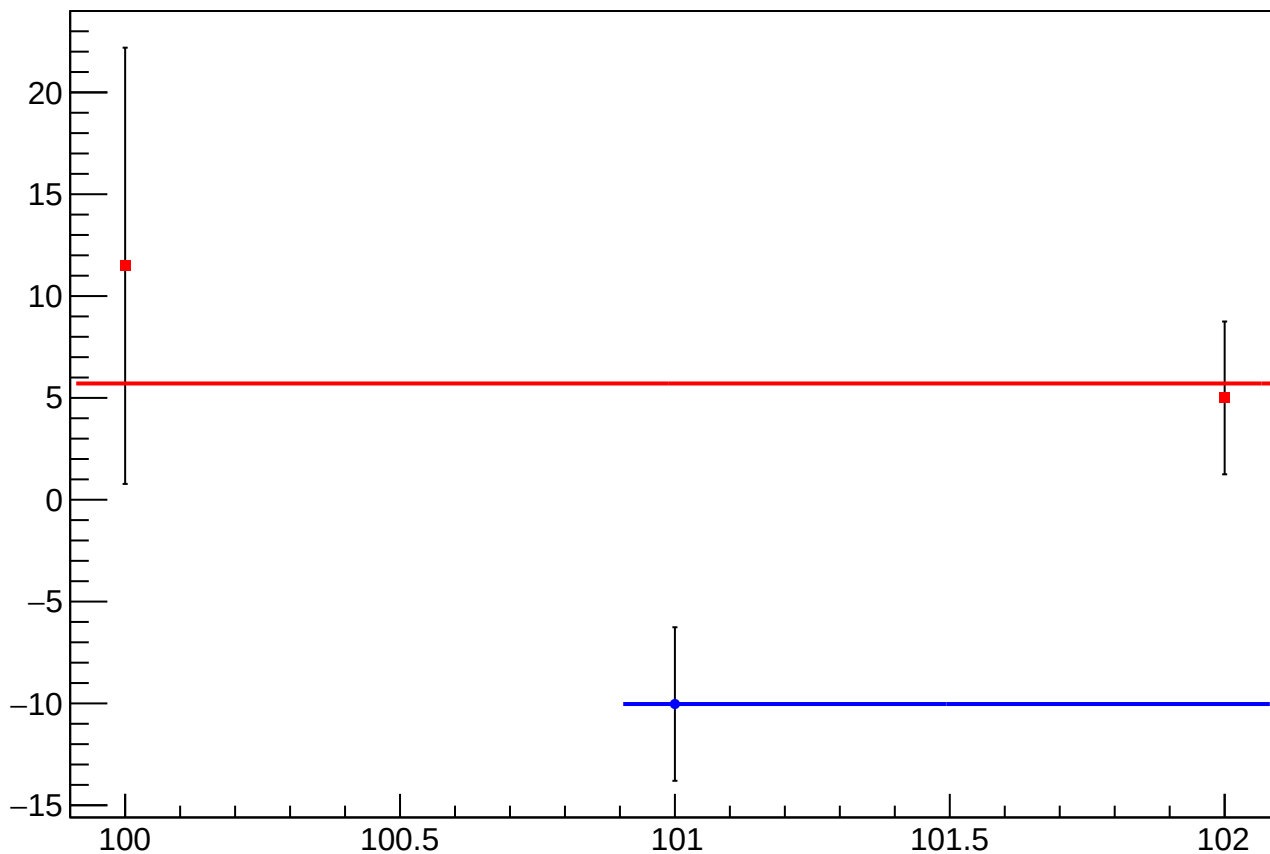
Right: 1923.663 ± 1.159 $\chi^2/\text{NDF}: 745.1/2$

In: 1921.285 ± 1.677 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 1923.663 ± 1.159 $\chi^2/\text{NDF}: 745.1/2$

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -10.030+/-3.769 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.708+/-3.541 χ^2/NDF : 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

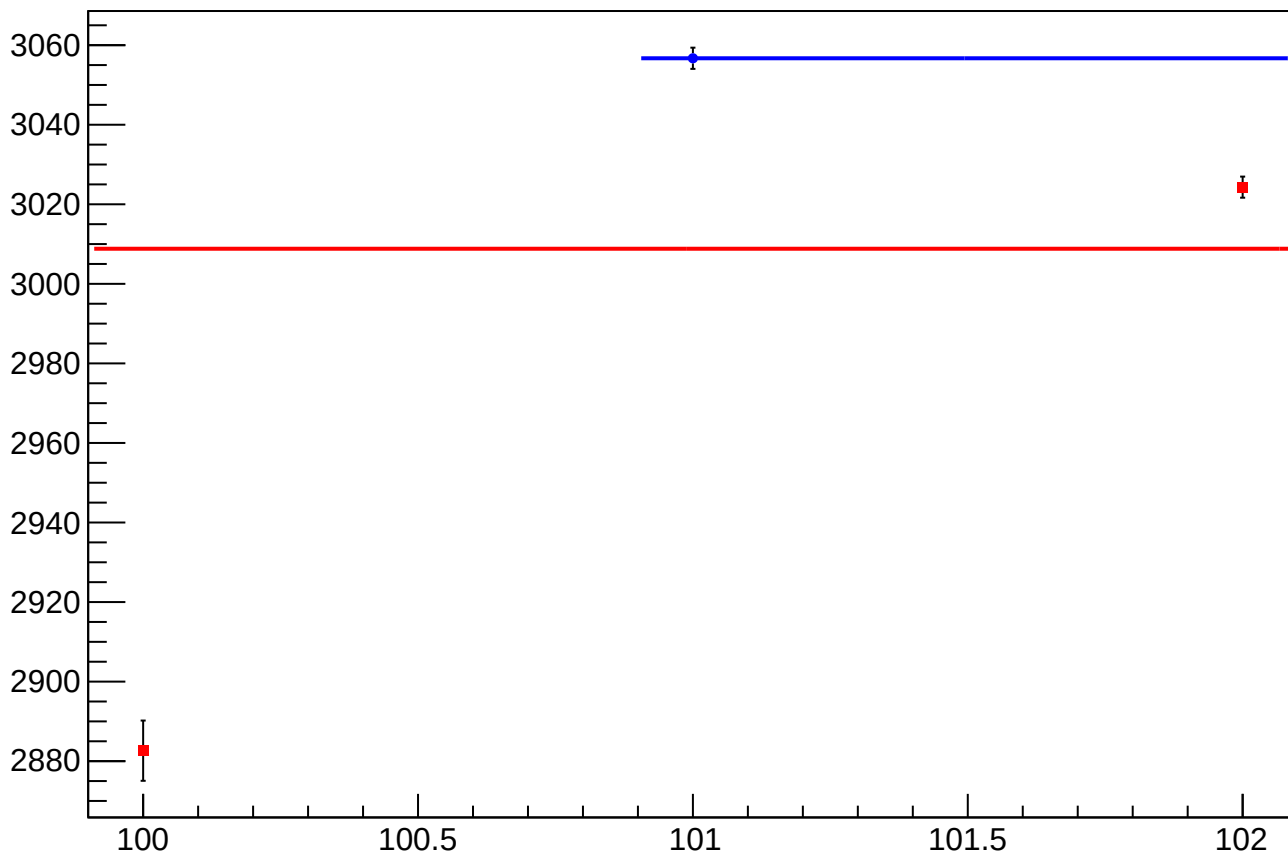
Right: -1.669+/-2.581 χ^2/NDF : 9.6/2

In: -10.030+/-3.769 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.669+/-2.581 χ^2/NDF : 9.6/2

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3056.708 $\pm$ 2.665 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3008.826 $\pm$ 2.504 χ^2 /NDF: 311.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

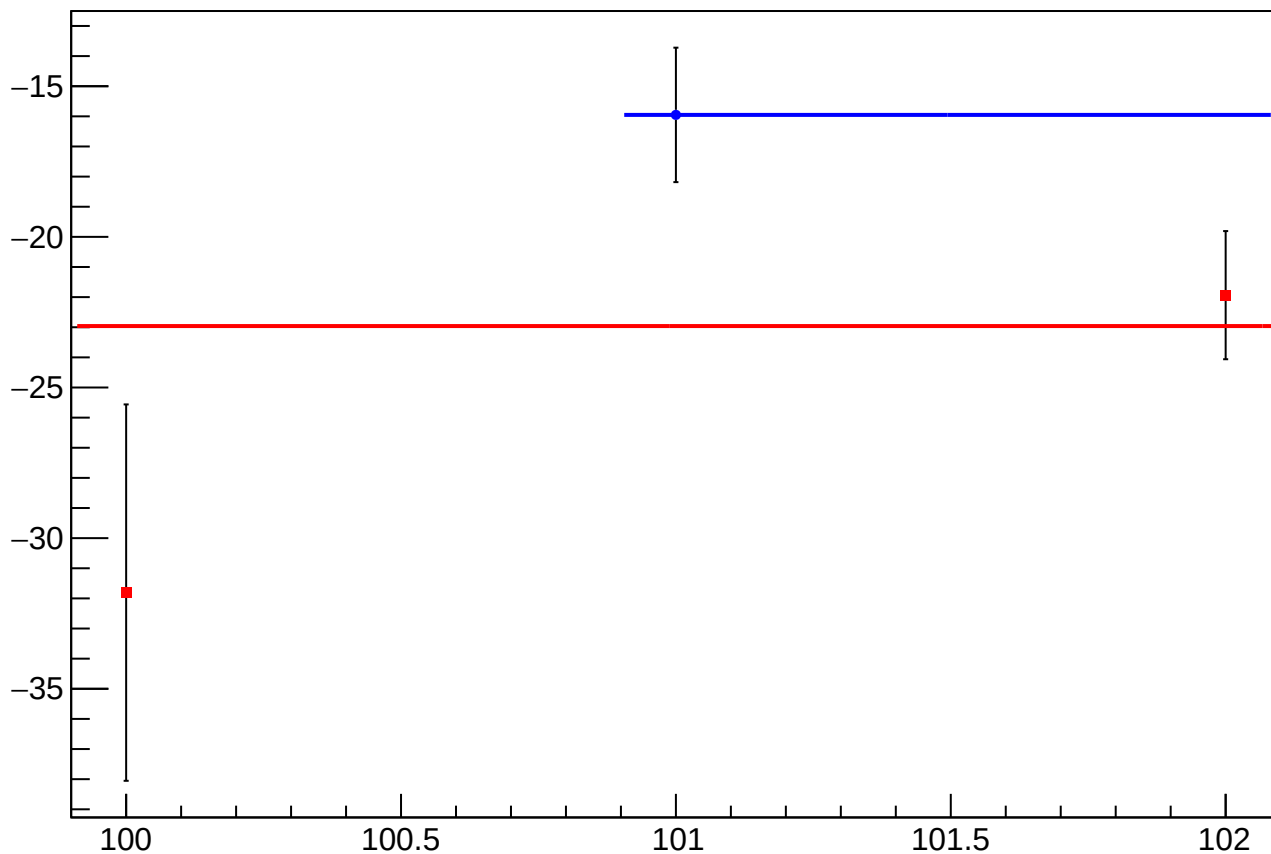
Right: 3031.269 $\pm$ 1.825 χ^2 /NDF: 483.2/2

In: 3056.708 $\pm$ 2.665 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3031.269 $\pm$ 1.825 χ^2 /NDF: 483.2/2

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -15.952+/-2.231 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -22.961+/-2.013 χ^2 /NDF: 2.2/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

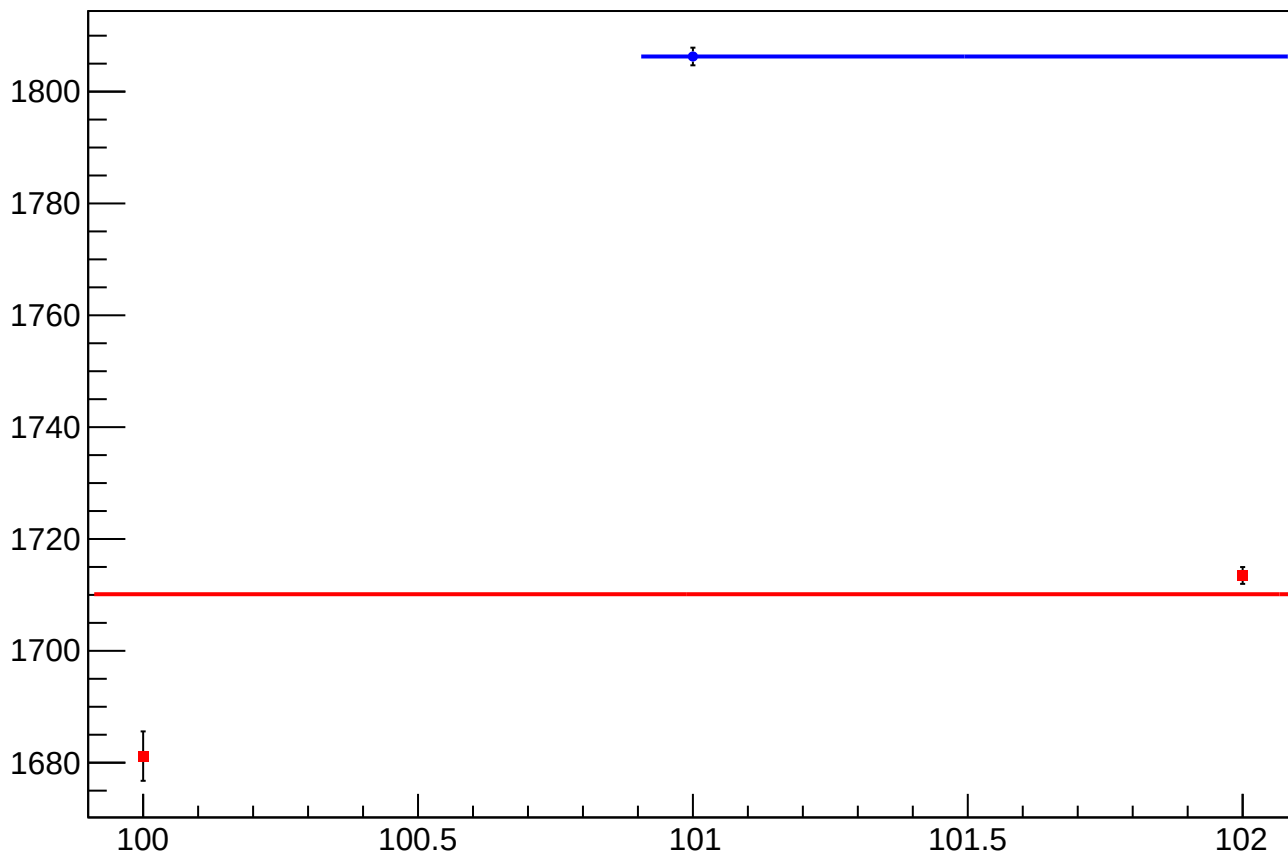
Right: -19.815+/-1.495 χ^2 /NDF: 7.7/2

In: -15.952+/-2.231 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -19.815+/-1.495 χ^2 /NDF: 7.7/2

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1806.278 $\pm$ 1.578 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1710.124 $\pm$ 1.424 χ^2 /NDF: 47.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

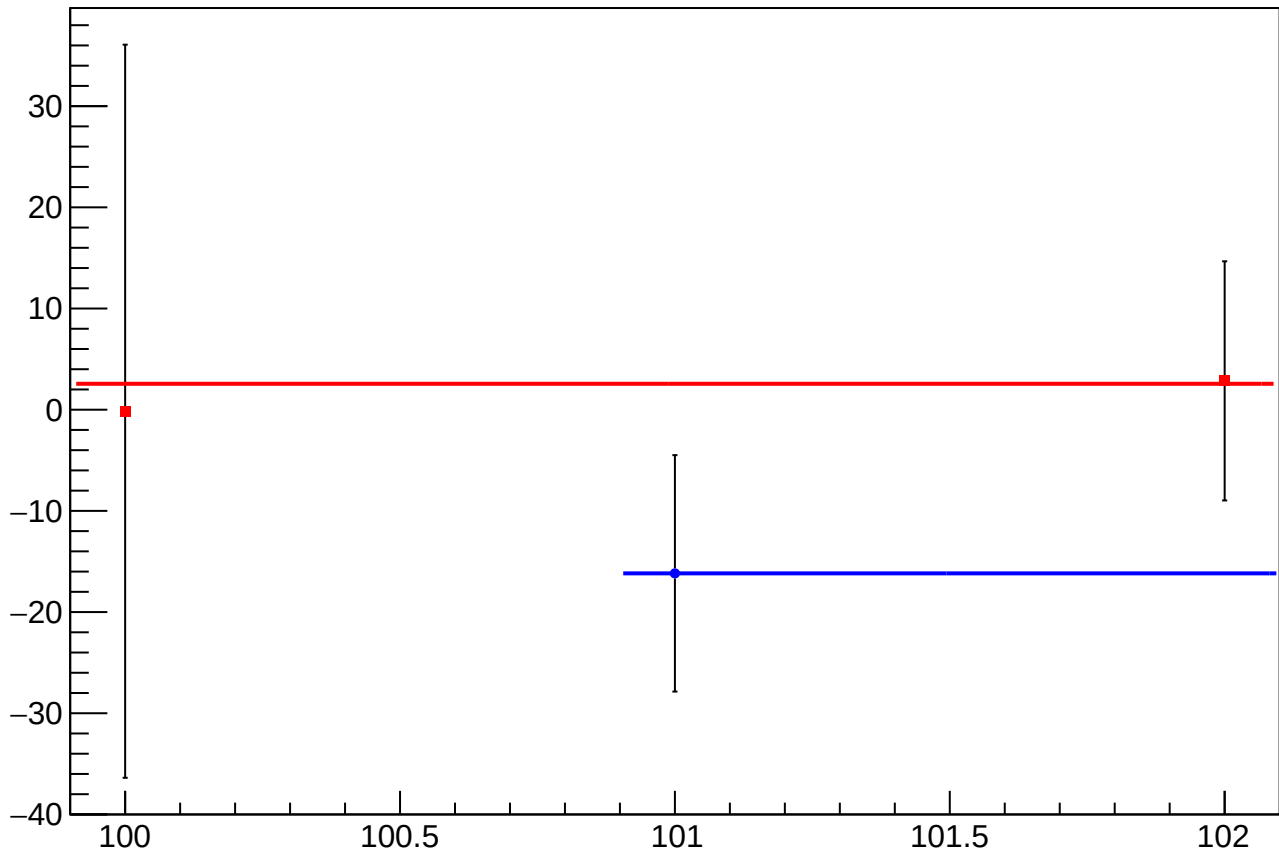
Right: 1753.275 $\pm$ 1.057 χ^2 /NDF: 2095.1/2

In: 1806.278 $\pm$ 1.578 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1753.275 $\pm$ 1.057 χ^2 /NDF: 2095.1/2

diff_bpm0l02X_mean vs Slug, Sign Corrected



Right In: -16.175+/-11.684 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.561+/-11.235 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

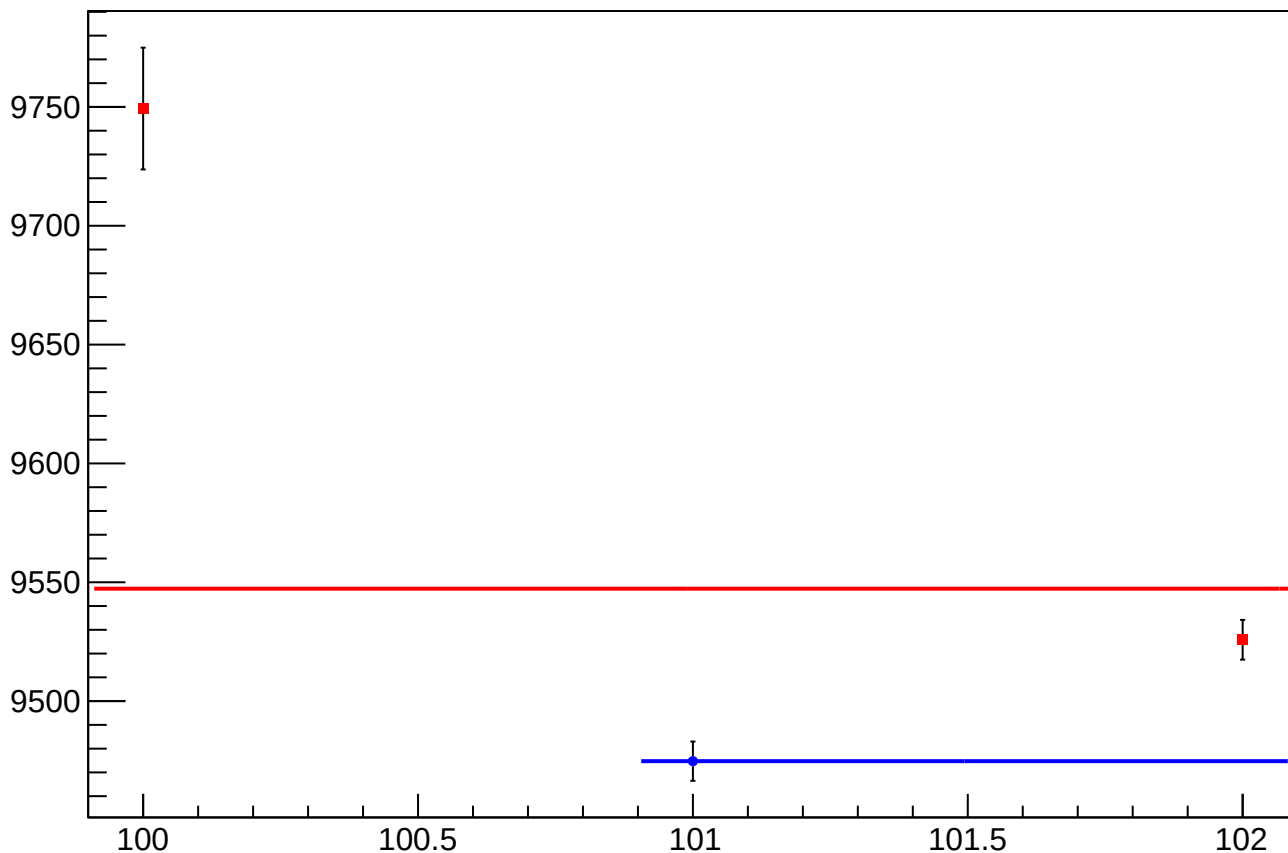
Right: -6.440+/-8.098 χ^2/NDF : 1.3/2

In: -16.175+/-11.684 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.440+/-8.098 χ^2/NDF : 1.3/2

diff_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 9474.732 $\pm$ 8.262 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9547.298 $\pm$ 7.944 χ^2 /NDF: 68.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

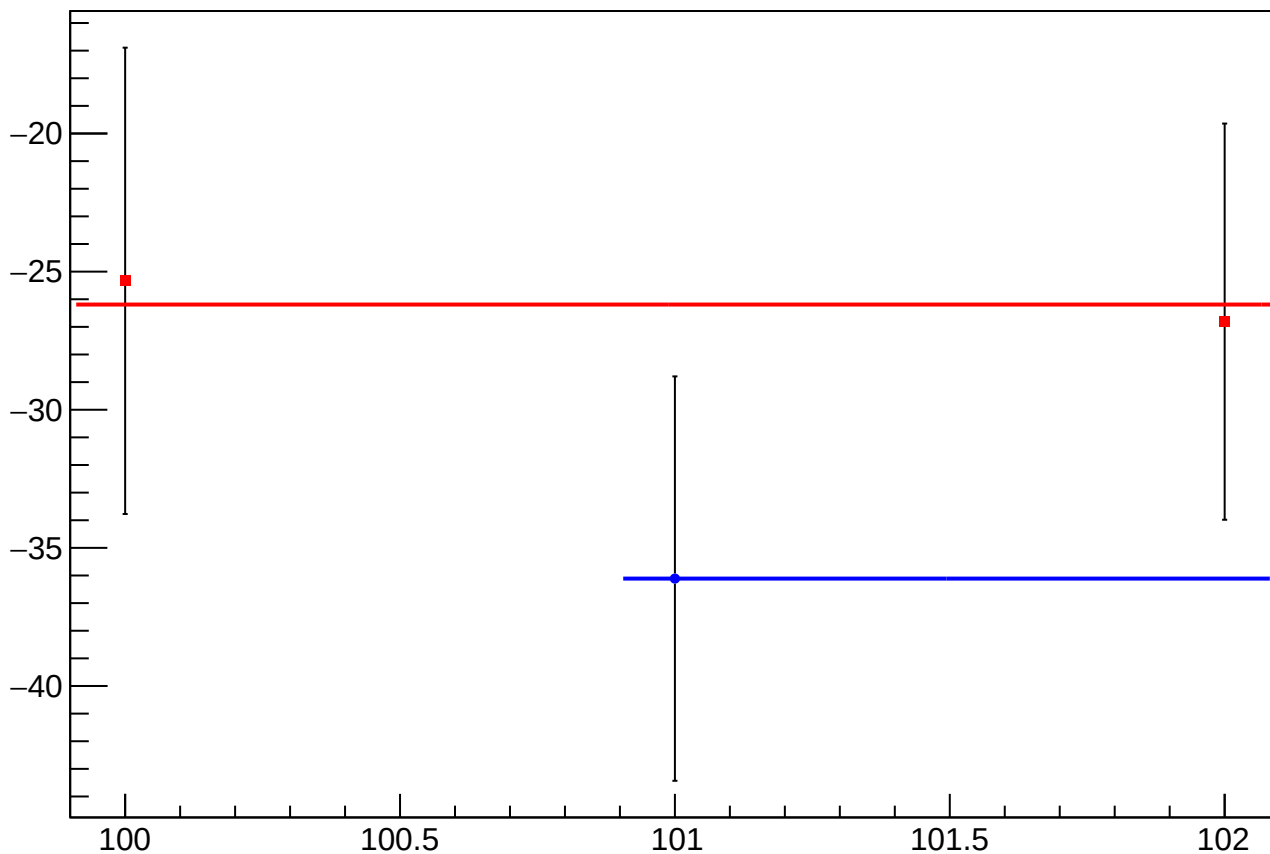
Right: 9512.438 $\pm$ 5.726 χ^2 /NDF: 108.9/2

In: 9474.732 $\pm$ 8.262 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9512.438 $\pm$ 5.726 χ^2 /NDF: 108.9/2

diff_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: -36.112 $\pm$ 7.320 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -26.192 $\pm$ 5.465 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

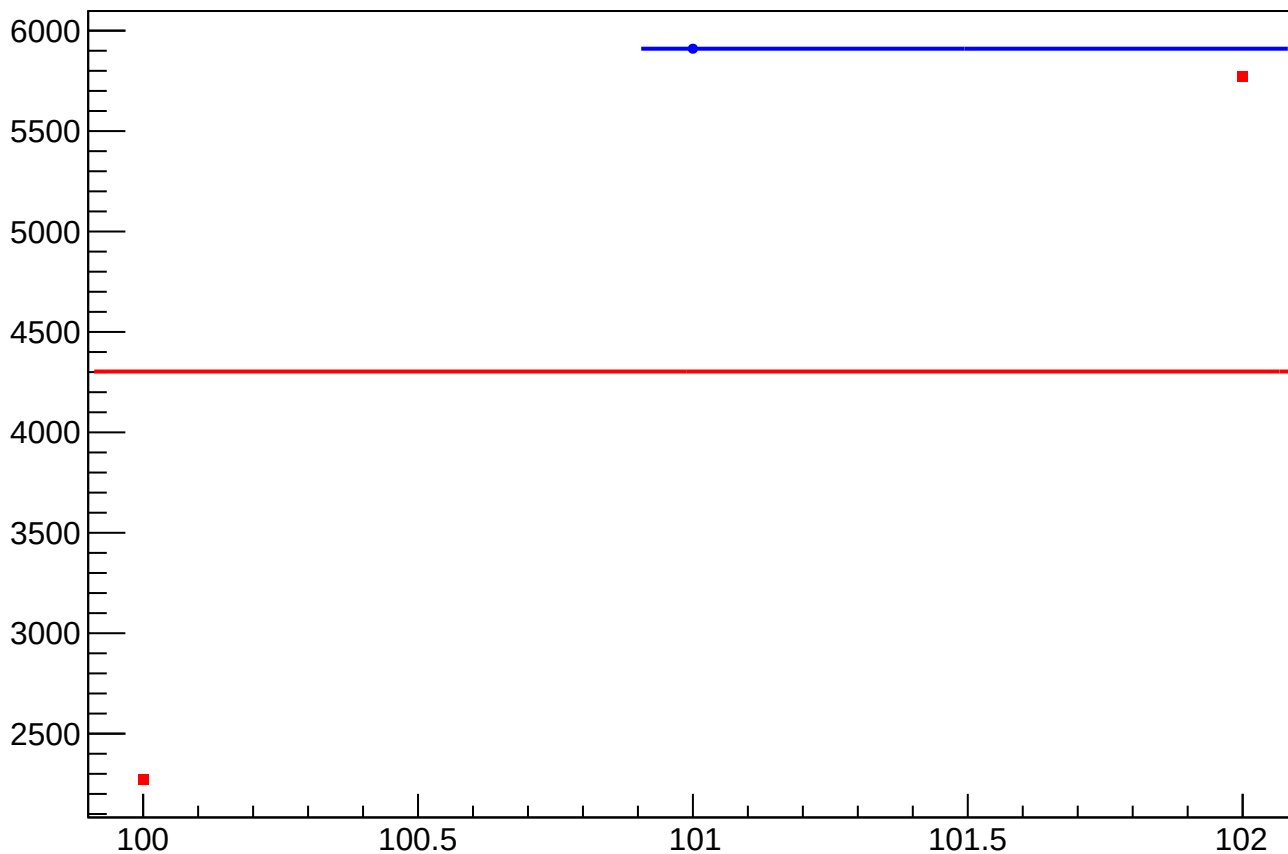
Right: -29.743 $\pm$ 4.379 χ^2 /NDF: 1.2/2

In: -36.112 $\pm$ 7.320 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -29.743 $\pm$ 4.379 χ^2 /NDF: 1.2/2

diff_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 5910.134 $\pm$ 5.176 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4302.927 $\pm$ 3.864 χ^2 /NDF: 199495.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

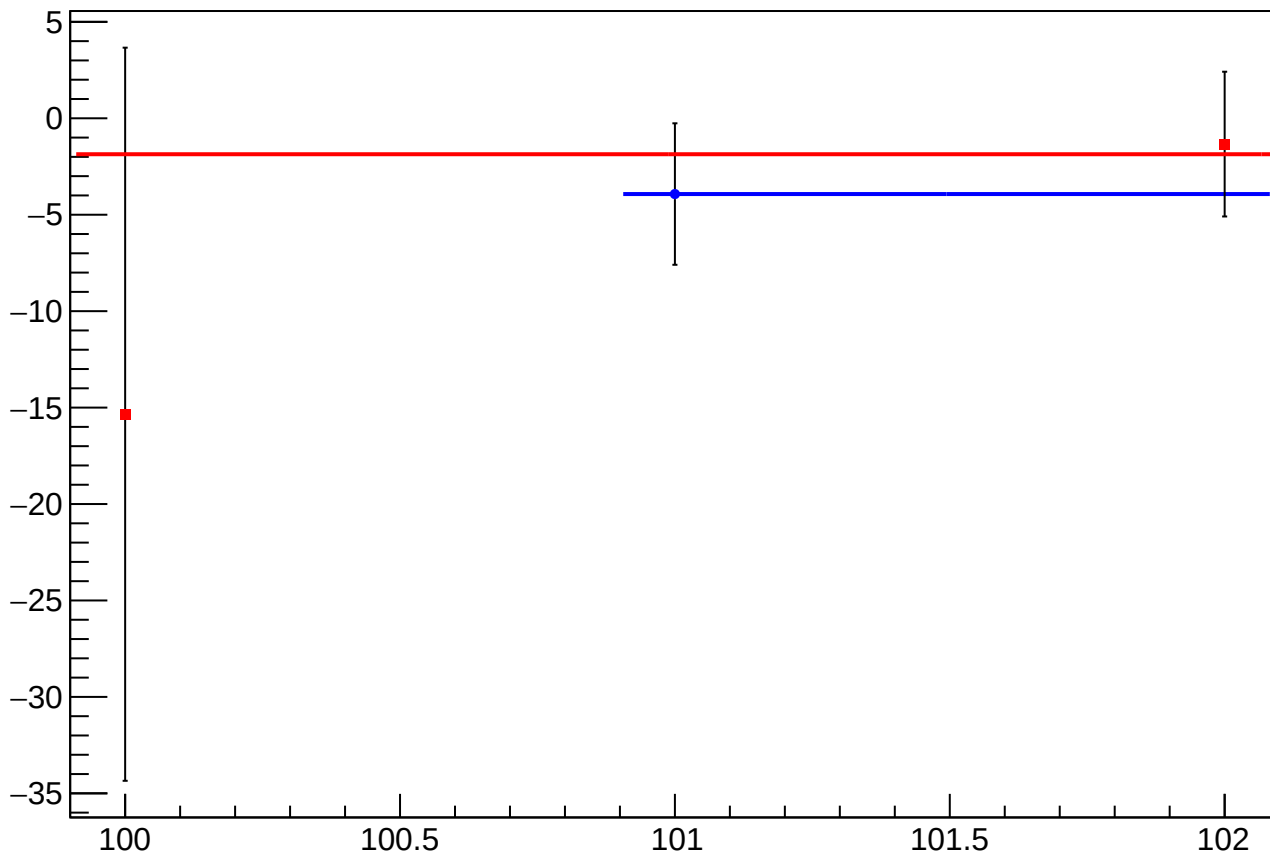
Right: 4878.189 $\pm$ 3.097 χ^2 /NDF: 261405.9/2

In: 5910.134 $\pm$ 5.176 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4878.189 $\pm$ 3.097 χ^2 /NDF: 261405.9/2

diff_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -3.928+/-3.668 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.863+/-3.682 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

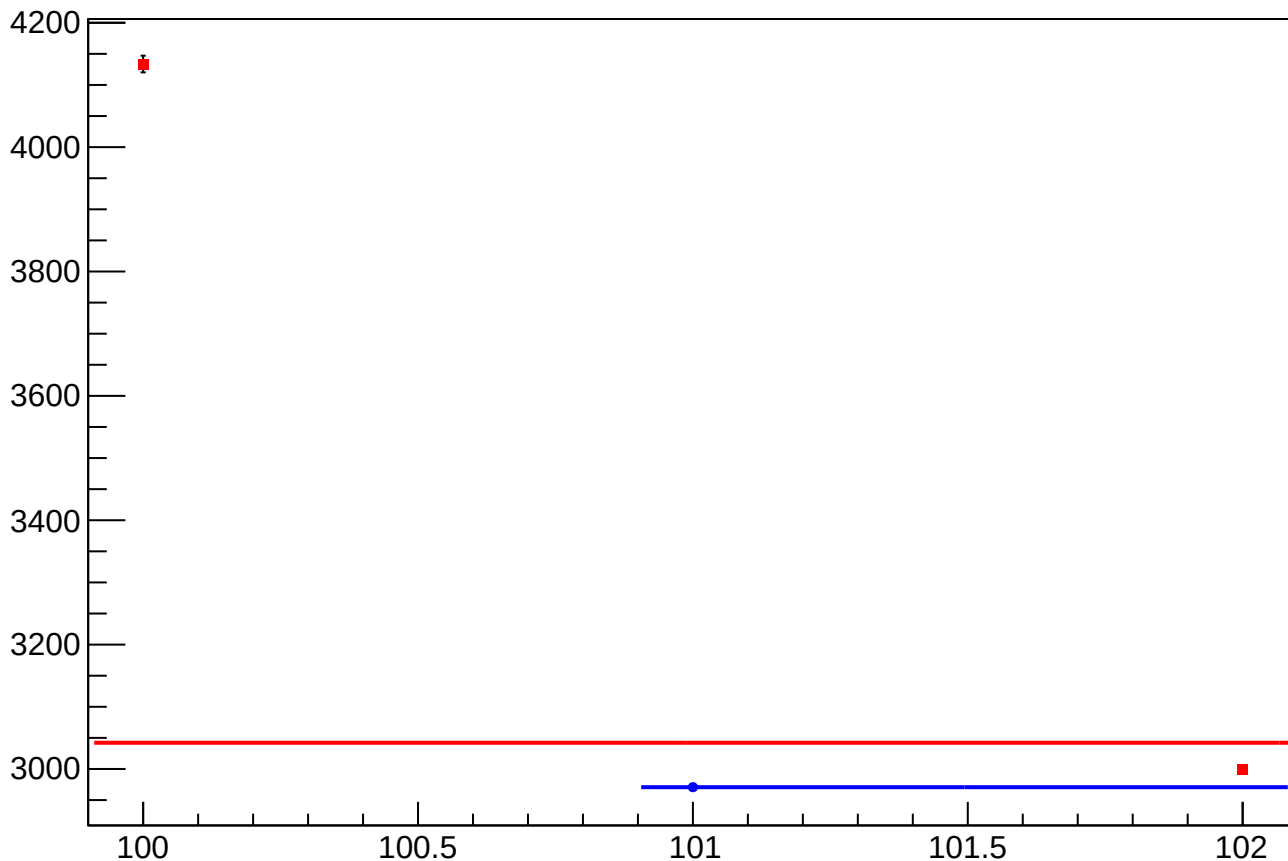
Right: -2.899+/-2.598 χ^2/NDF : 0.7/2

In: -3.928+/-3.668 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.899+/-2.598 χ^2/NDF : 0.7/2

diff_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 2970.728+/-2.593 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3042.194+/-2.603 χ^2/NDF : 6853.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

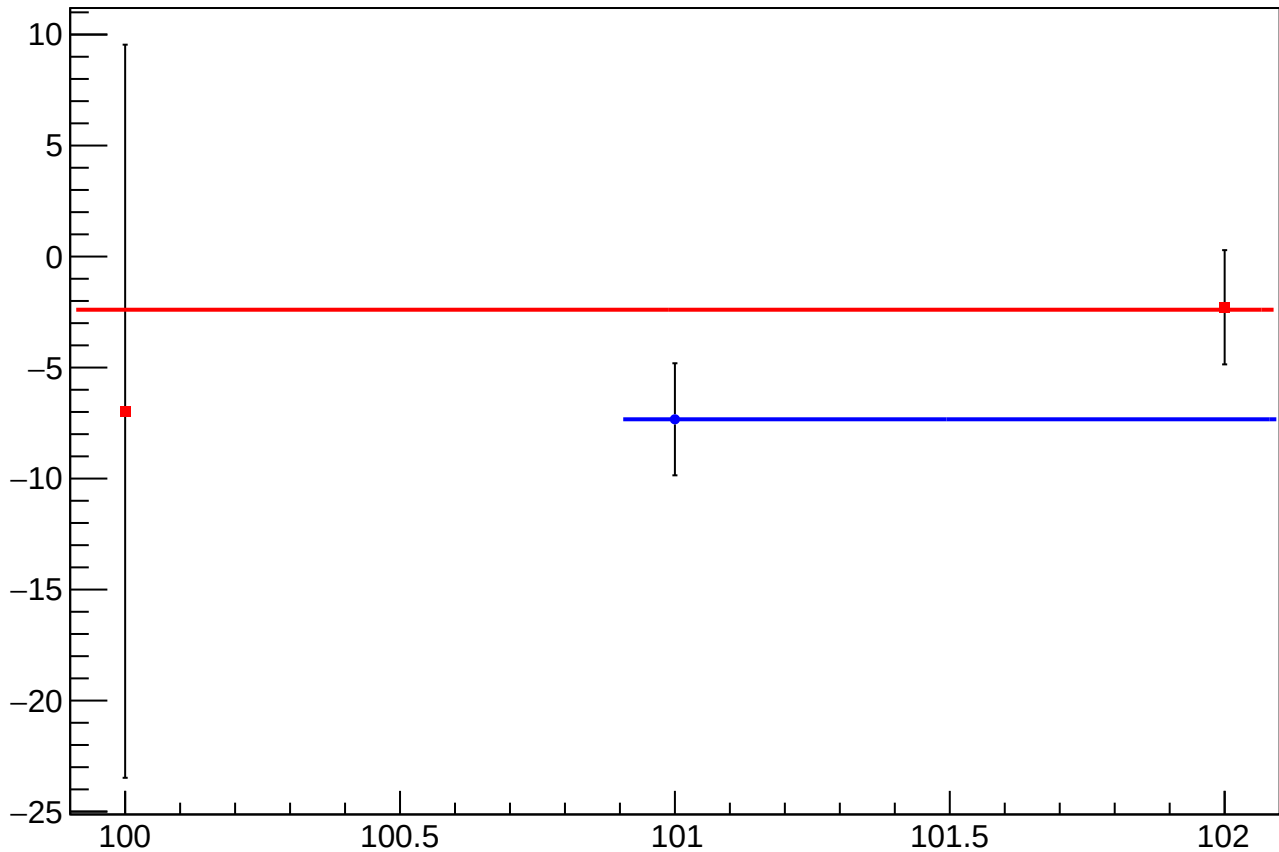
Right: 3006.325+/-1.837 χ^2/NDF : 7231.3/2

In: 2970.728+/-2.593 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3006.325+/-1.837 χ^2/NDF : 7231.3/2

diff_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: -7.330 $\pm$ 2.524 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.395 $\pm$ 2.542 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

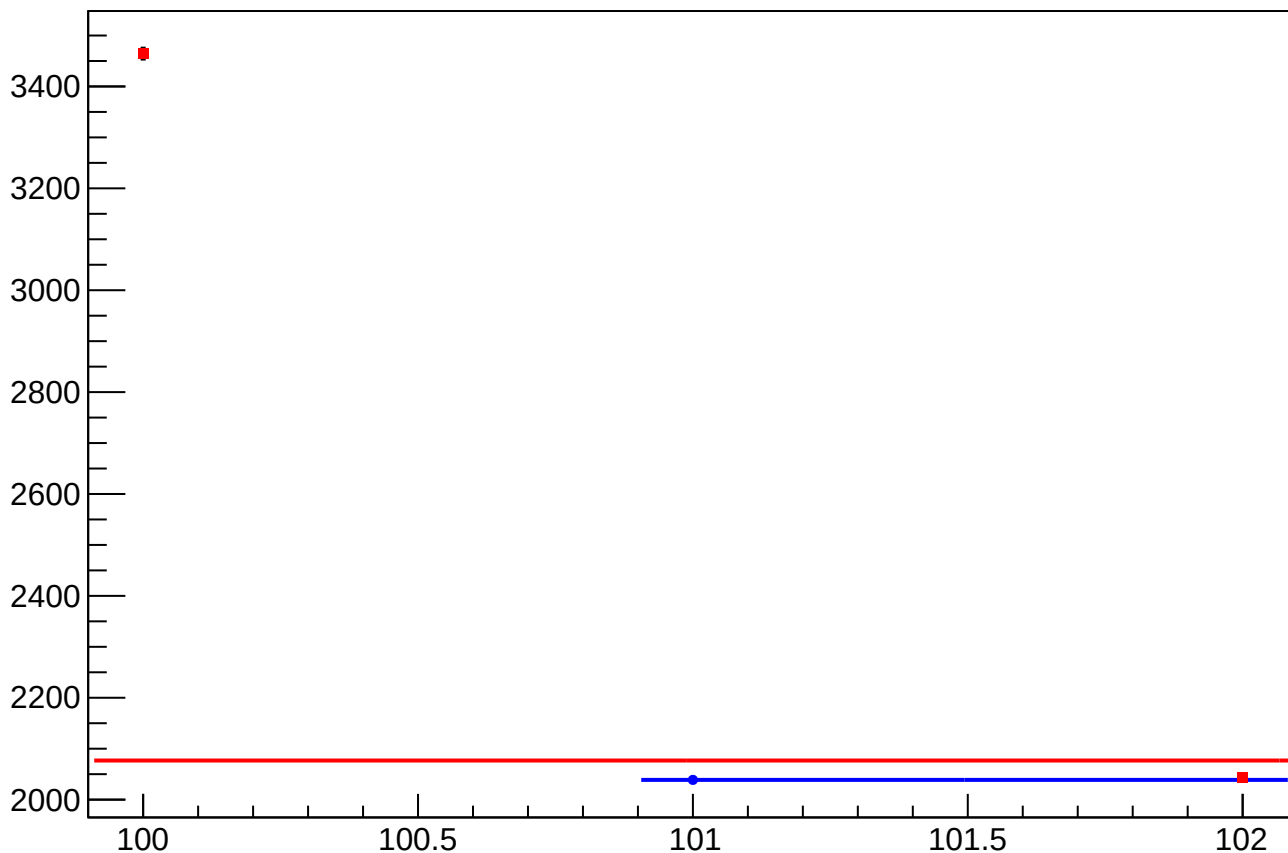
Right: -4.881 $\pm$ 1.791 χ^2 /NDF: 2.0/2

In: -7.330 $\pm$ 2.524 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.881 $\pm$ 1.791 χ^2 /NDF: 2.0/2

diff_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 2038.765 $\pm$ 1.785 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2076.792 $\pm$ 1.798 χ^2 /NDF: 14470.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

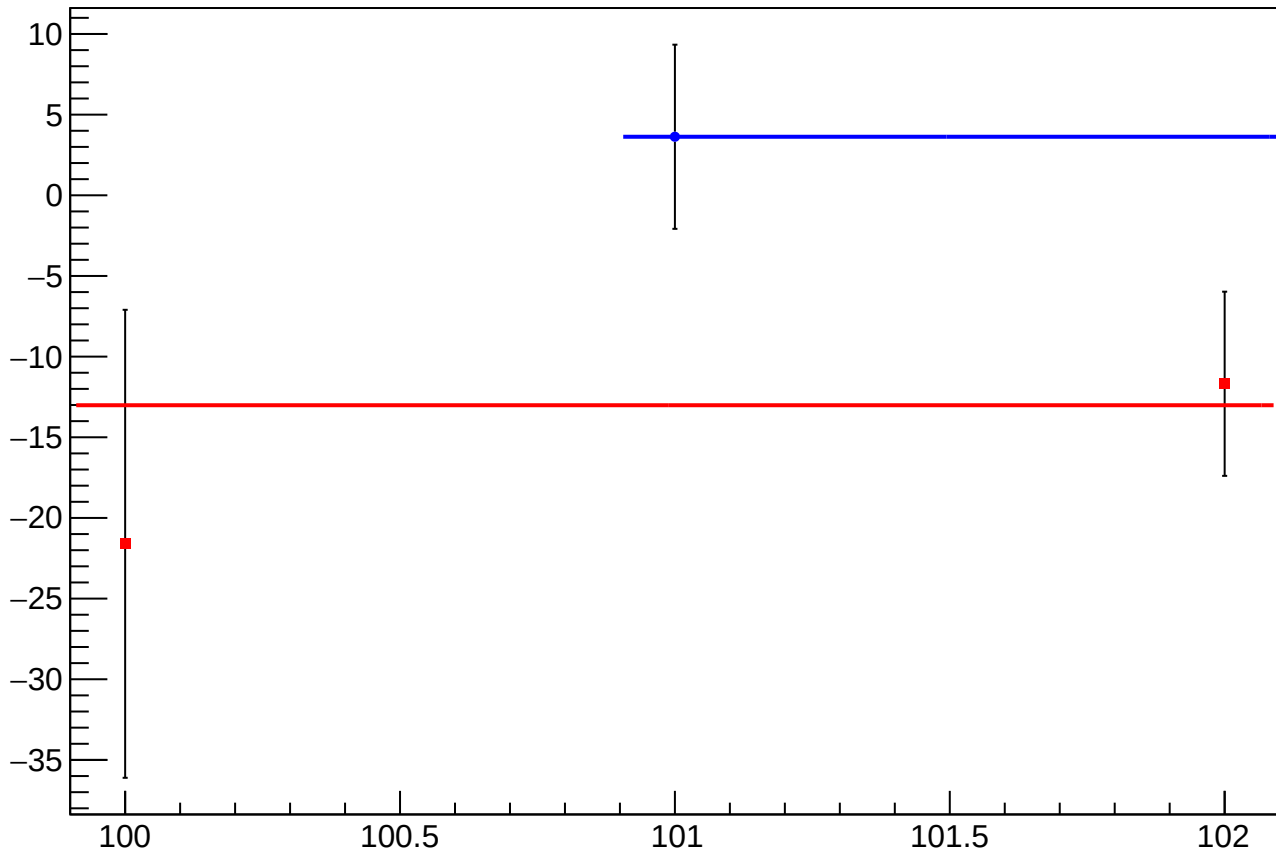
Right: 2057.640 $\pm$ 1.266 χ^2 /NDF: 14695.9/2

In: 2038.765 $\pm$ 1.785 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2057.640 $\pm$ 1.266 χ^2 /NDF: 14695.9/2

diff_bpm0l04X_mean vs Slug, Sign Corrected



Right In: 3.629+/-5.708 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.014+/-5.312 χ^2/NDF : 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

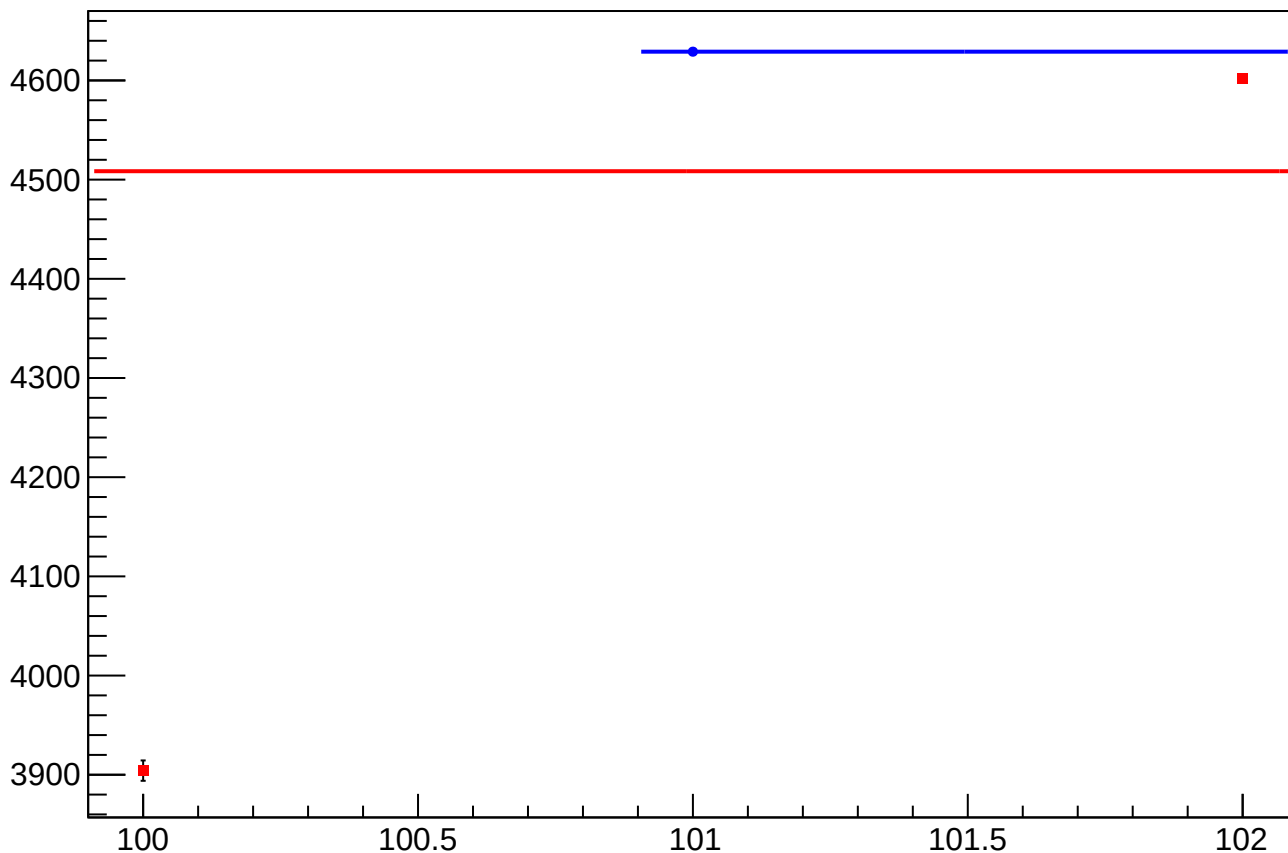
Right: -5.290+/-3.889 χ^2/NDF : 5.0/2

In: 3.629+/-5.708 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.290+/-3.889 χ^2/NDF : 5.0/2

diff_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 4629.006 $\pm$ 4.036 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4508.486 $\pm$ 3.756 χ^2 /NDF: 4009.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

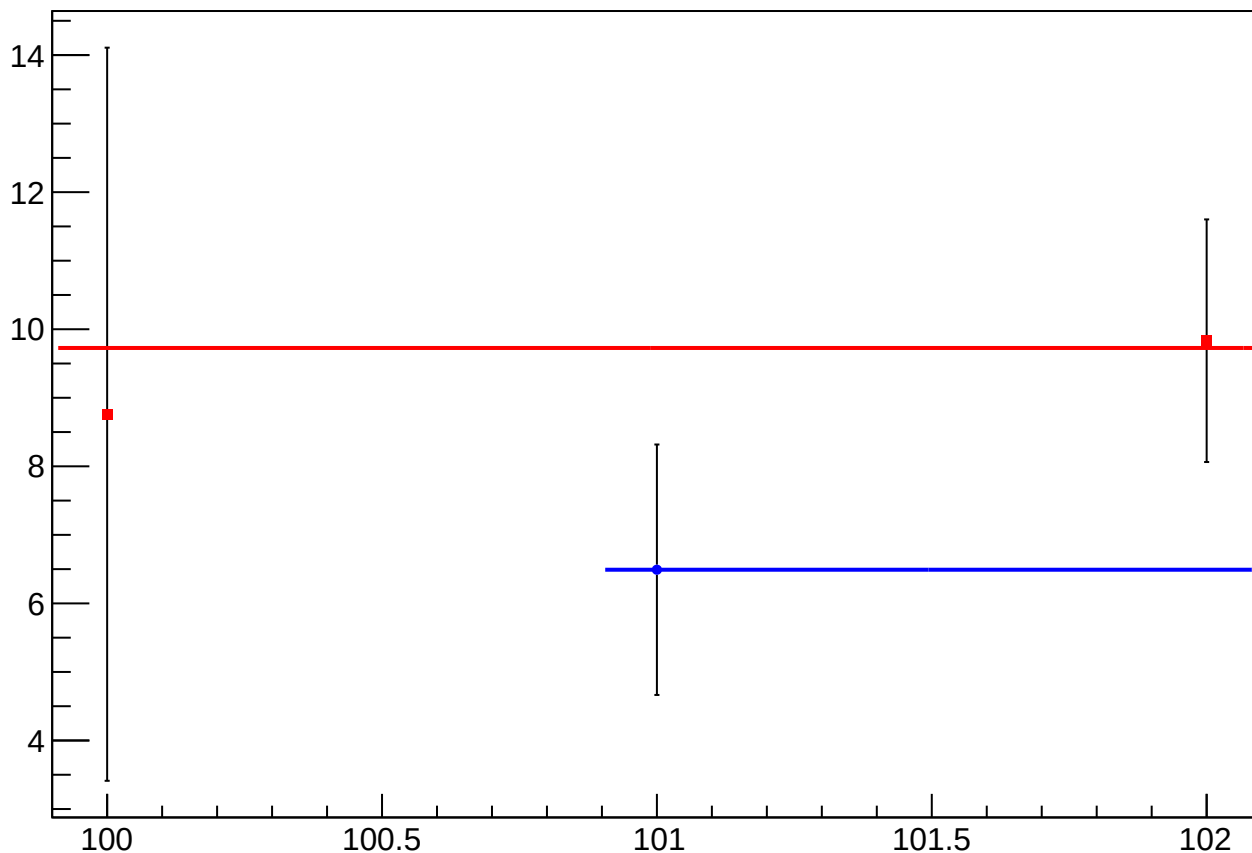
Right: 4564.419 $\pm$ 2.750 χ^2 /NDF: 4487.2/2

In: 4629.006 $\pm$ 4.036 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4564.419 $\pm$ 2.750 χ^2 /NDF: 4487.2/2

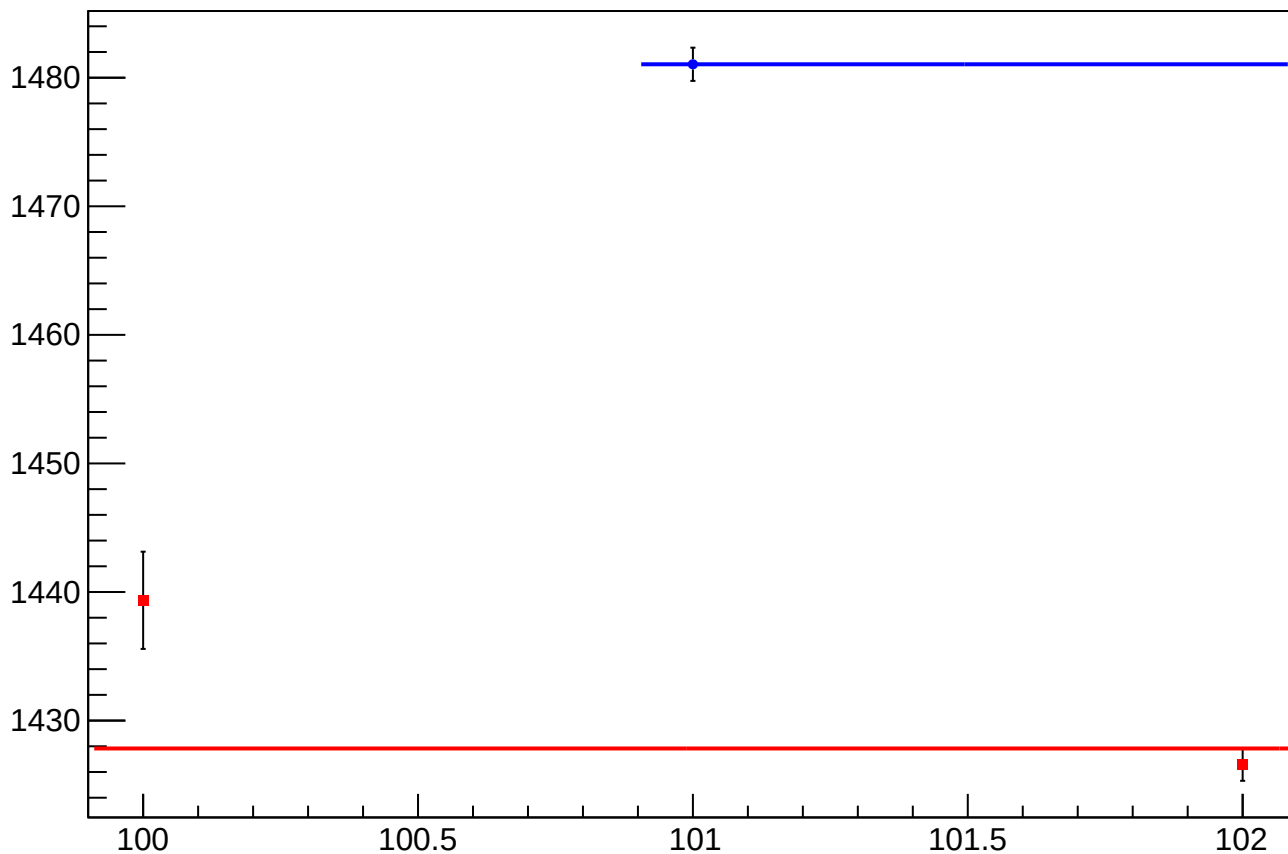
diff_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: 6.491+/-1.827 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 9.727+/-1.680 χ^2/NDF : 0.0/1
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 8.244+/-1.237 χ^2/NDF : 1.7/2
In: 6.491+/-1.827 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 8.244+/-1.237 χ^2/NDF : 1.7/2

diff_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 1481.045 $\pm$ 1.292 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1427.830 $\pm$ 1.188 χ^2/NDF : 10.3/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

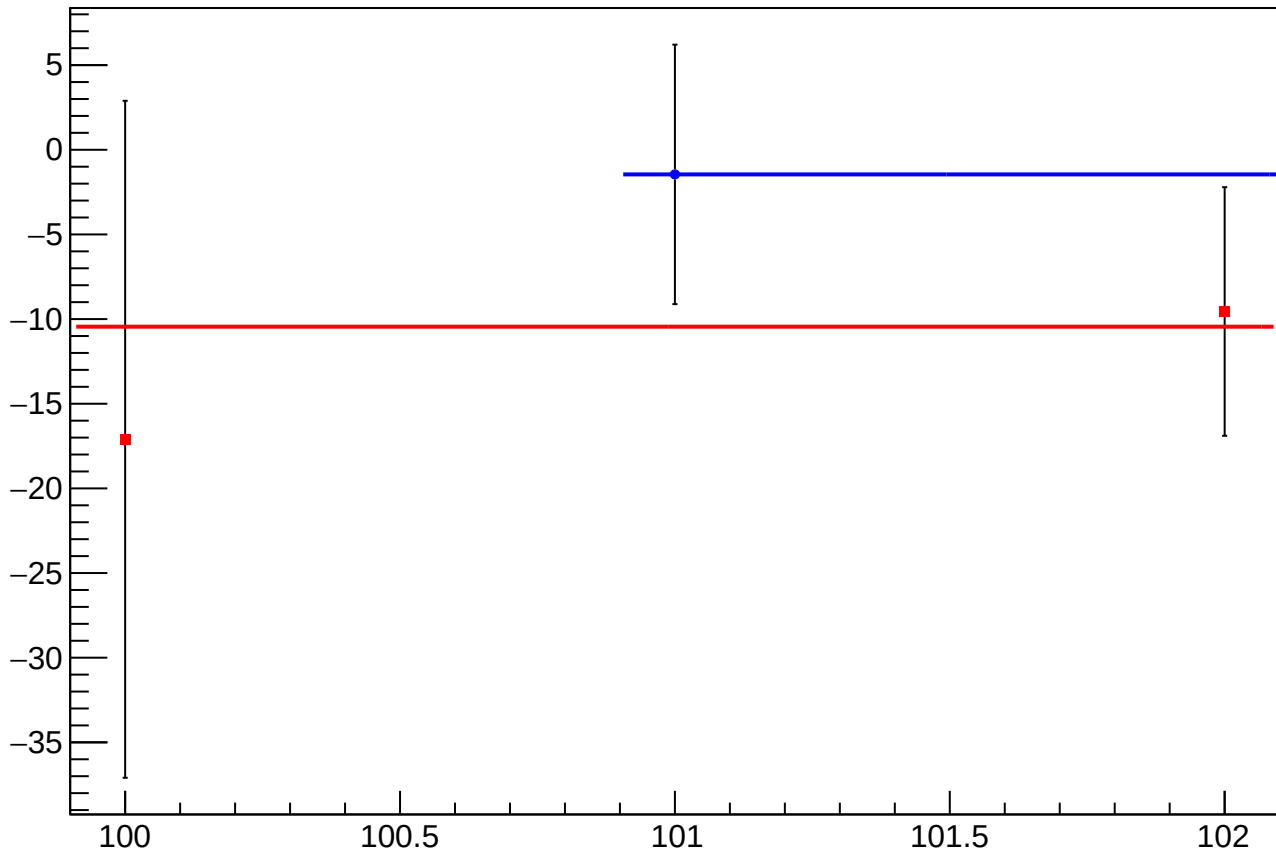
Right: 1452.214 $\pm$ 0.875 χ^2/NDF : 929.5/2

In: 1481.045 $\pm$ 1.292 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1452.214 $\pm$ 0.875 χ^2/NDF : 929.5/2

diff_bpm0l05X_mean vs Slug, Sign Corrected



Right In: -1.454+/-7.662 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.448+/-6.892 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

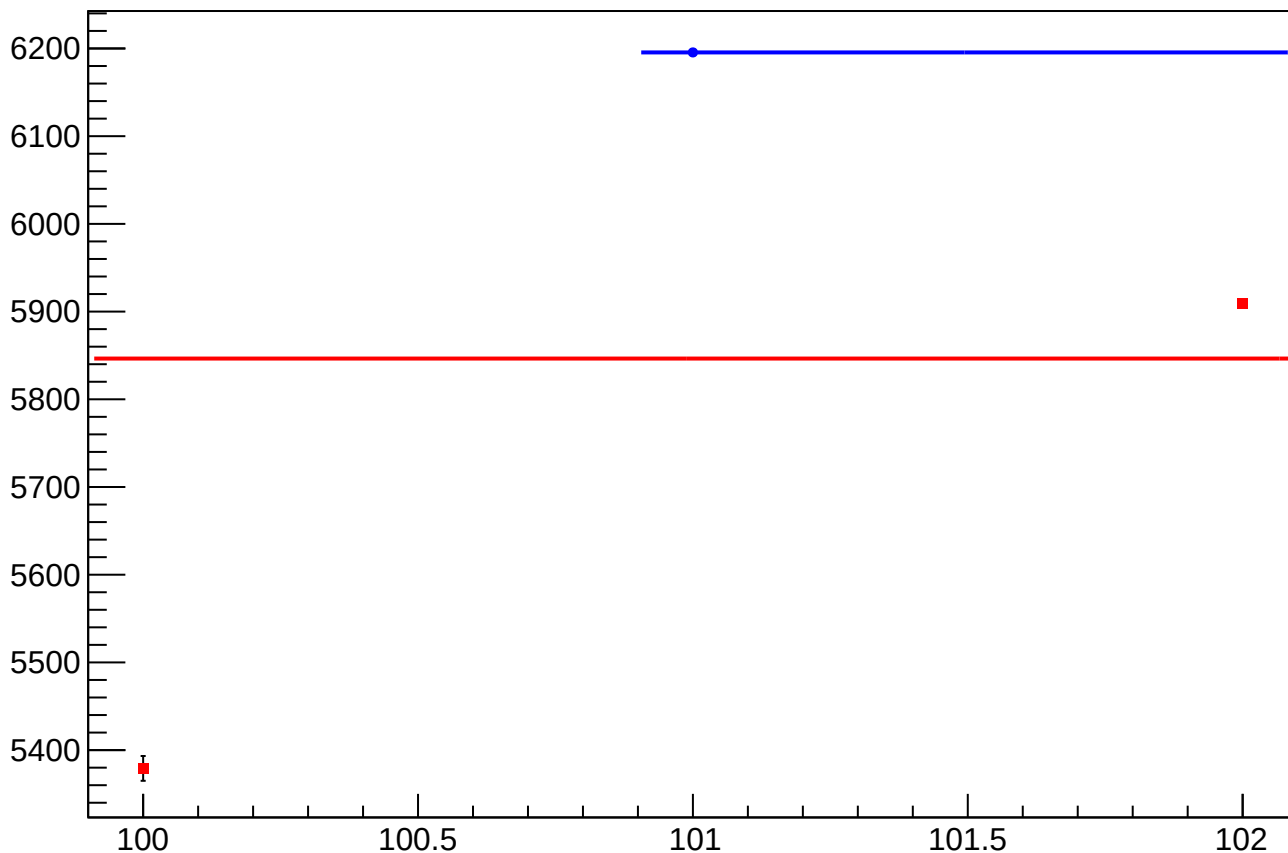
Right: -6.426+/-5.124 χ^2/NDF : 0.9/2

In: -1.454+/-7.662 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.426+/-5.124 χ^2/NDF : 0.9/2

diff_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 6195.497 $\pm$ 5.418 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5846.451 $\pm$ 4.874 χ^2 /NDF: 1239.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

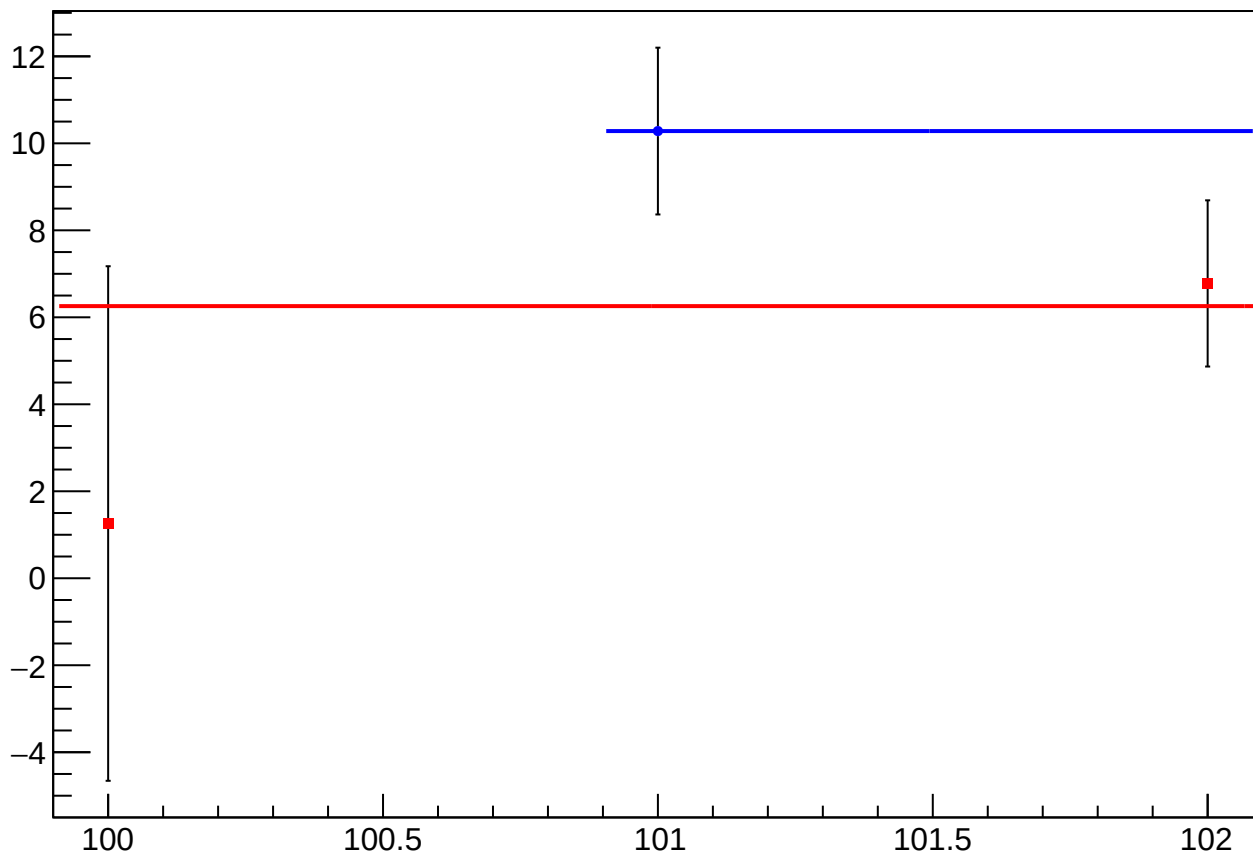
Right: 6002.562 $\pm$ 3.623 χ^2 /NDF: 3534.0/2

In: 6195.497 $\pm$ 5.418 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6002.562 $\pm$ 3.623 χ^2 /NDF: 3534.0/2

diff_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 10.282+/-1.917 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.257+/-1.818 χ^2/NDF : 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

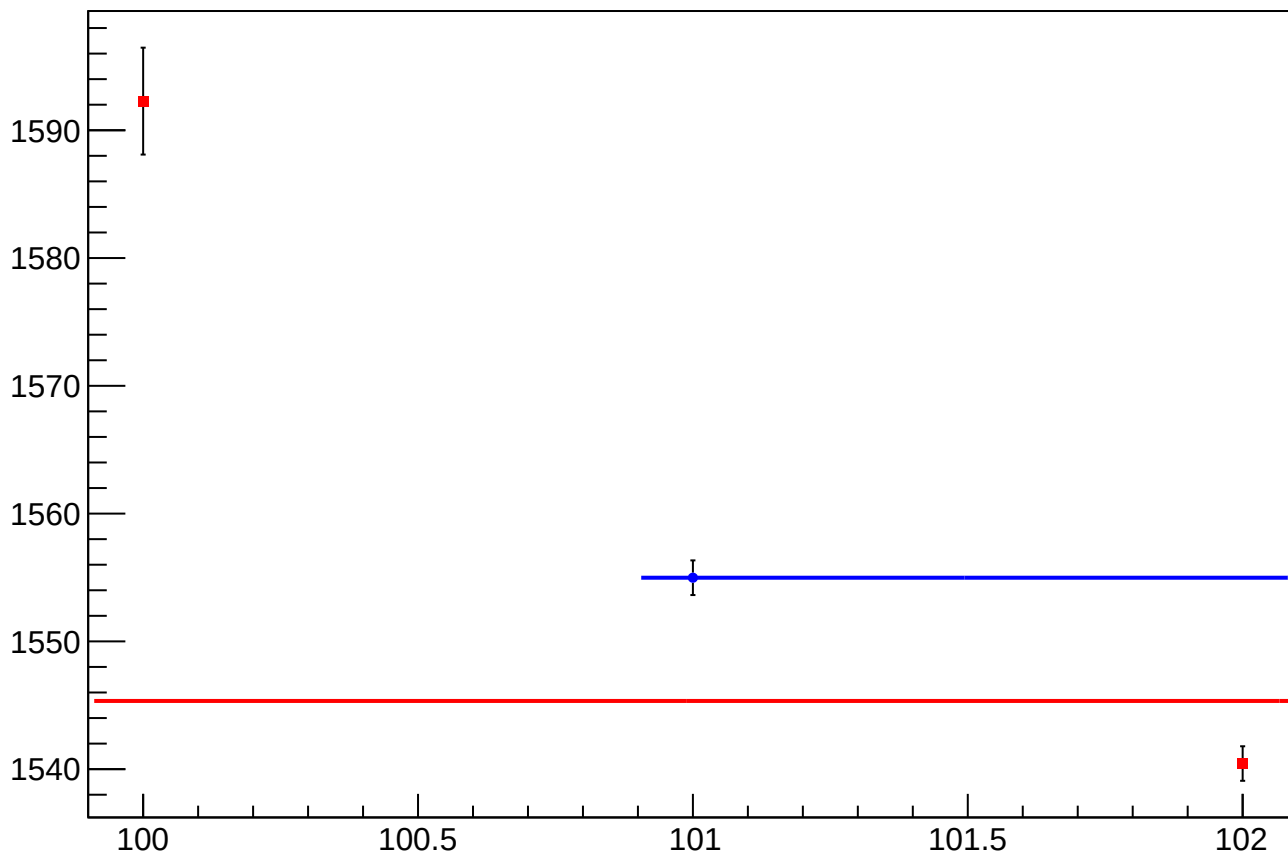
Right: 8.163+/-1.319 χ^2/NDF : 3.1/2

In: 10.282+/-1.917 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.163+/-1.319 χ^2/NDF : 3.1/2

diff_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 1554.982+/-1.356 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1545.338+/-1.286 χ^2/NDF : 139.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

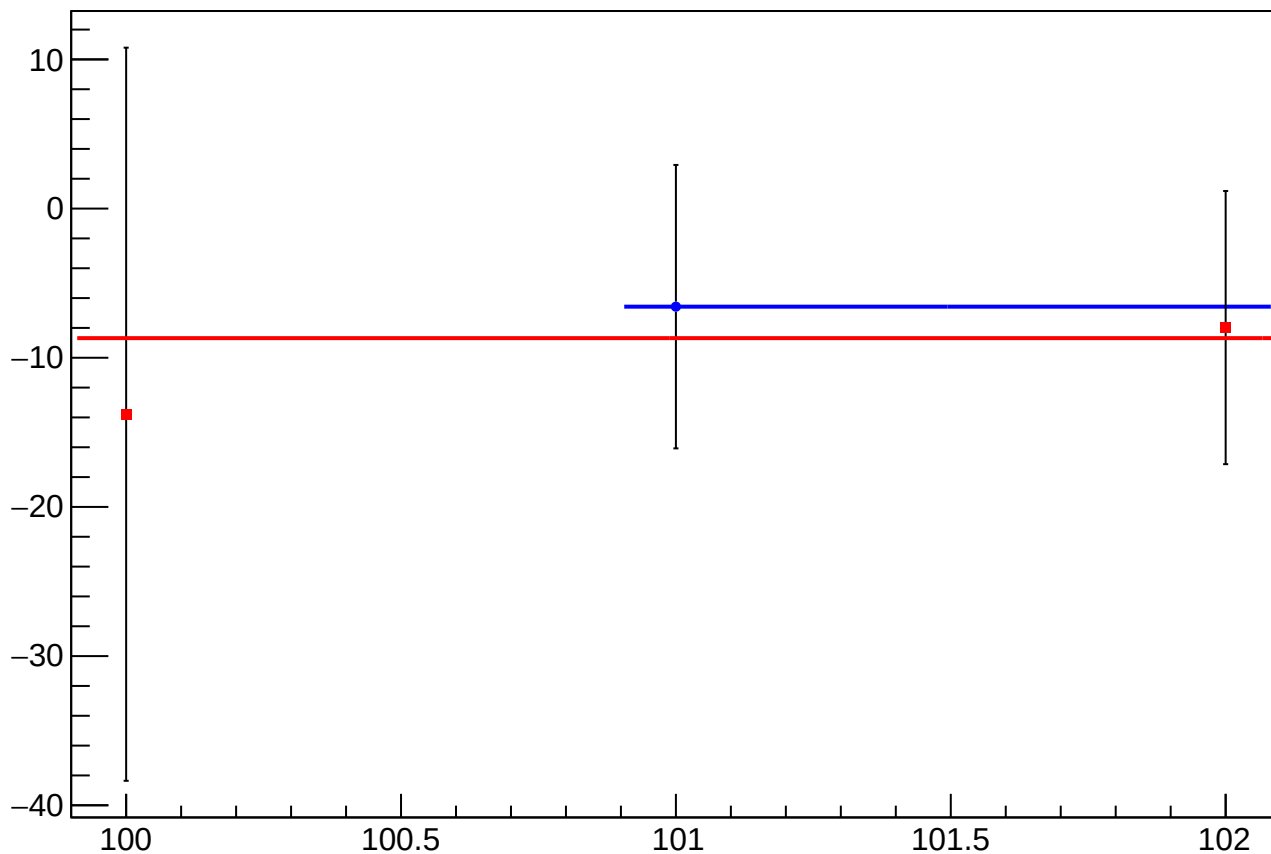
Right: 1549.904+/-0.933 χ^2/NDF : 165.7/2

In: 1554.982+/-1.356 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1549.904+/-0.933 χ^2/NDF : 165.7/2

diff_bpm0l06X_mean vs Slug, Sign Corrected



Right In: -6.575+/-9.500 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -8.685+/-8.580 χ^2 /NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

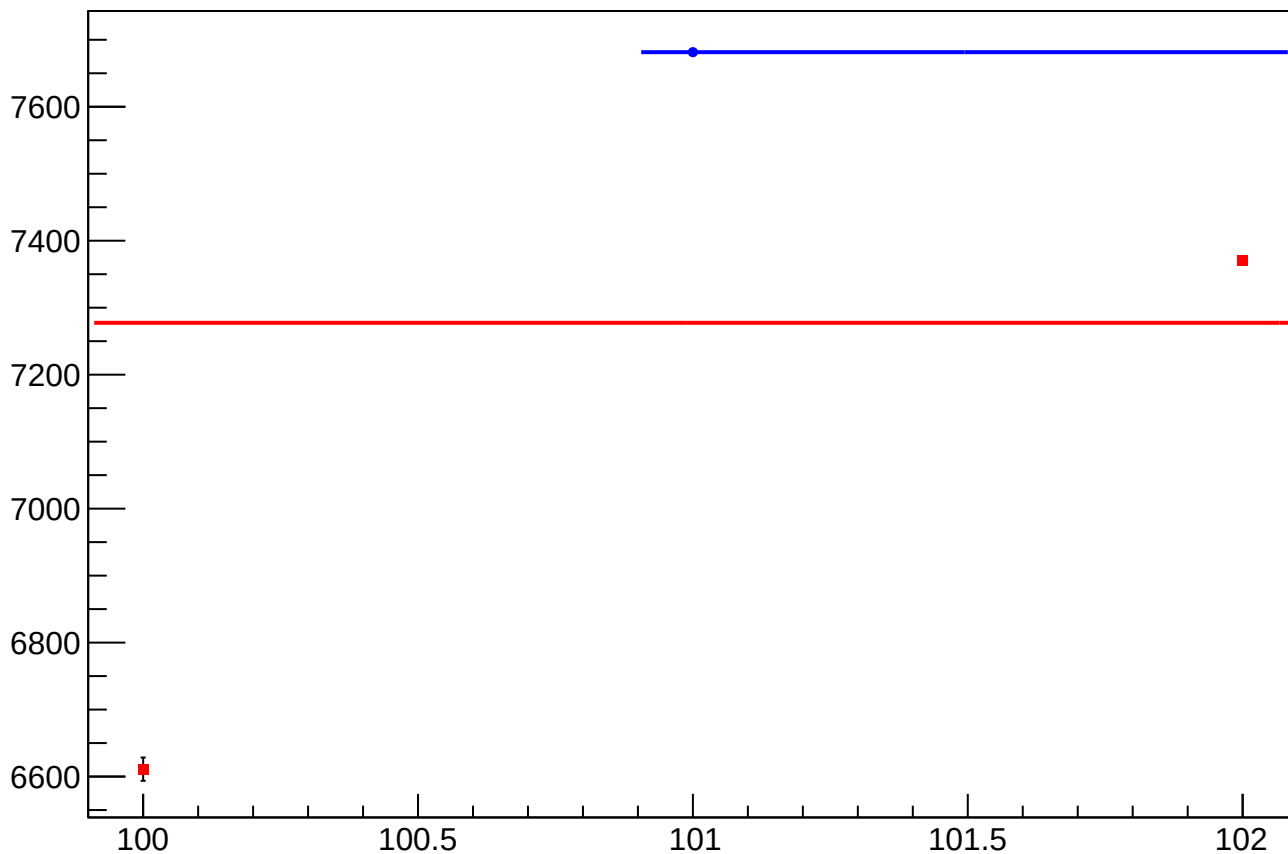
Right: -7.737+/-6.368 χ^2 /NDF: 0.1/2

In: -6.575+/-9.500 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -7.737+/-6.368 χ^2 /NDF: 0.1/2

diff_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 7681.499+/-6.718 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7277.467+/-6.067 χ^2/NDF : 1675.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

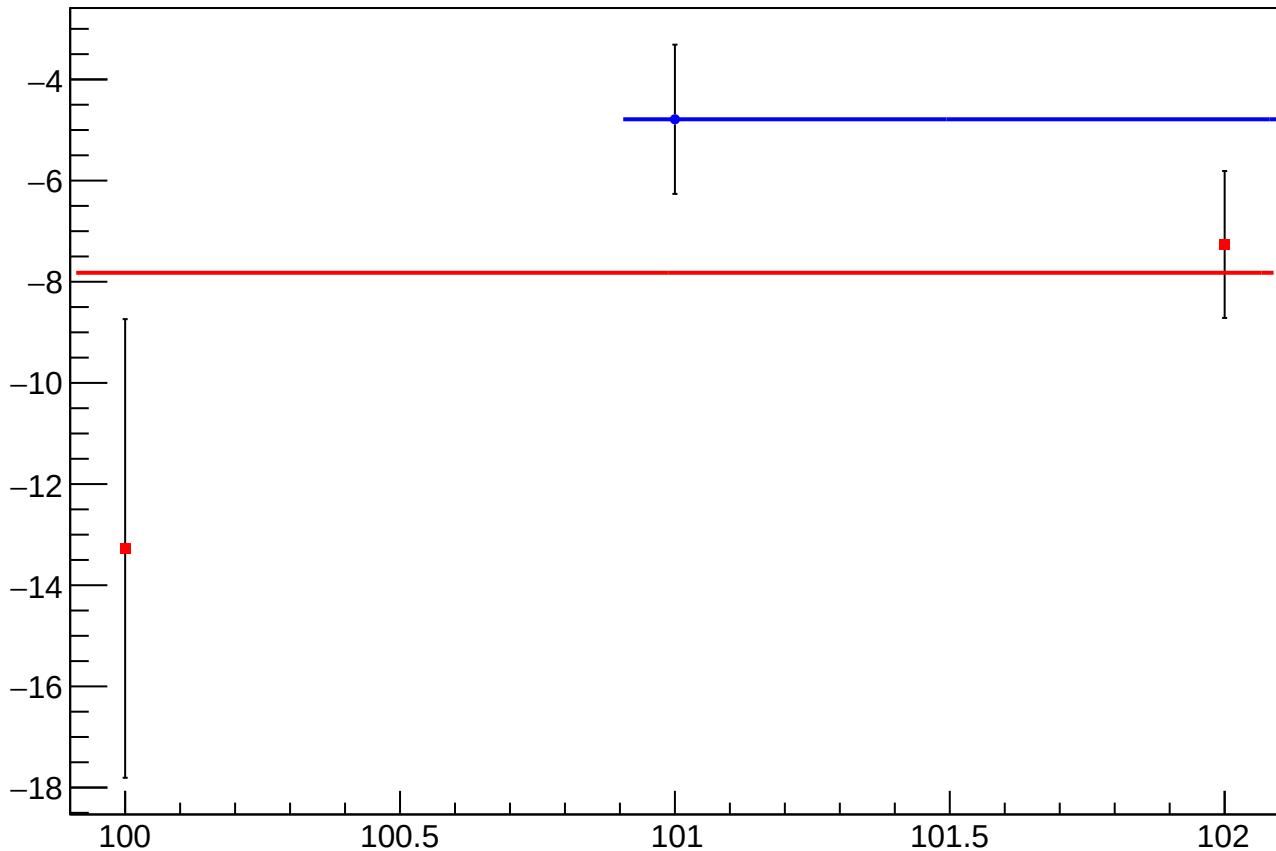
Right: 7458.979+/-4.503 χ^2/NDF : 3667.5/2

In: 7681.499+/-6.718 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7458.979+/-4.503 χ^2/NDF : 3667.5/2

diff_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -4.788+/-1.475 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.822+/-1.383 χ^2/NDF : 1.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

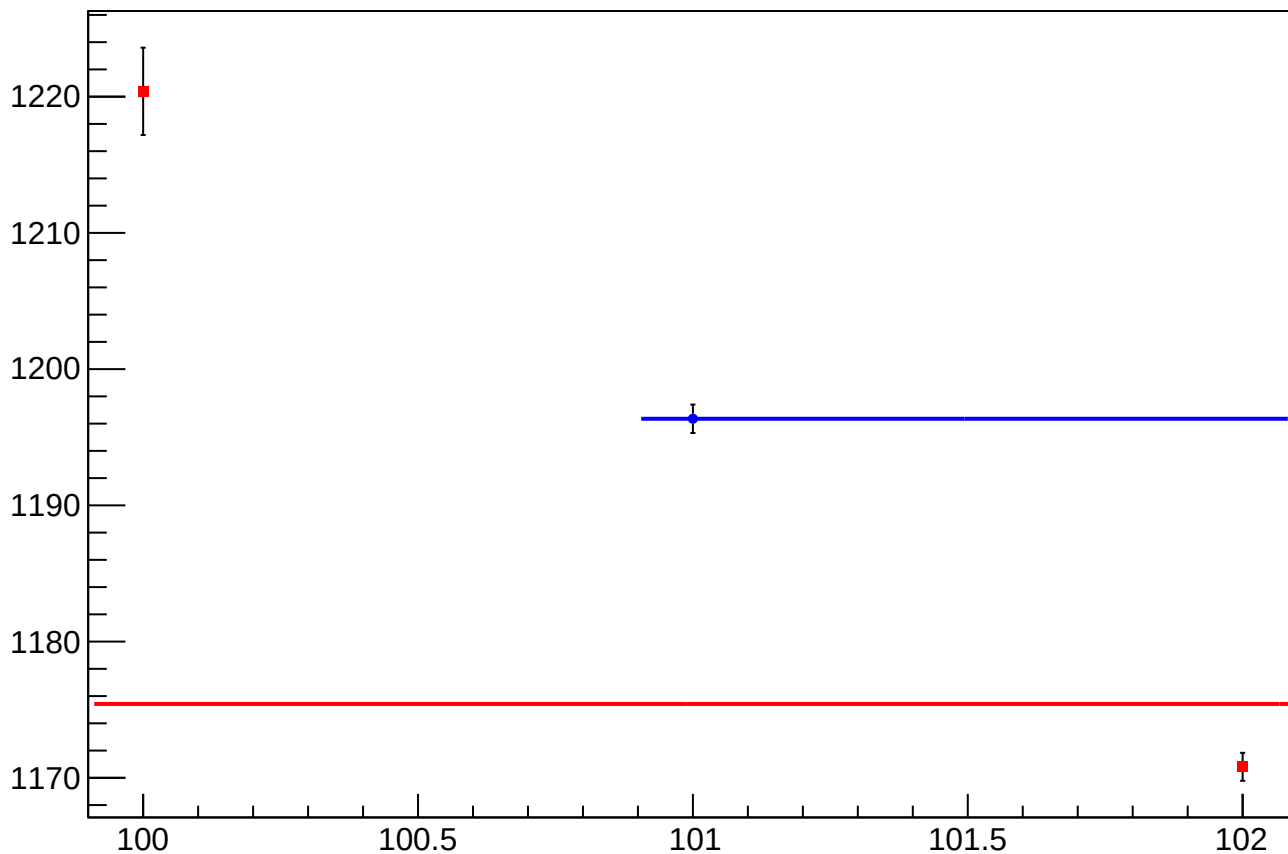
Right: -6.403+/-1.009 χ^2/NDF : 3.8/2

In: -4.788+/-1.475 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.403+/-1.009 χ^2/NDF : 3.8/2

diff_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 1196.356 $\pm$ 1.043 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1175.422 $\pm$ 0.978 χ^2 /NDF: 216.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

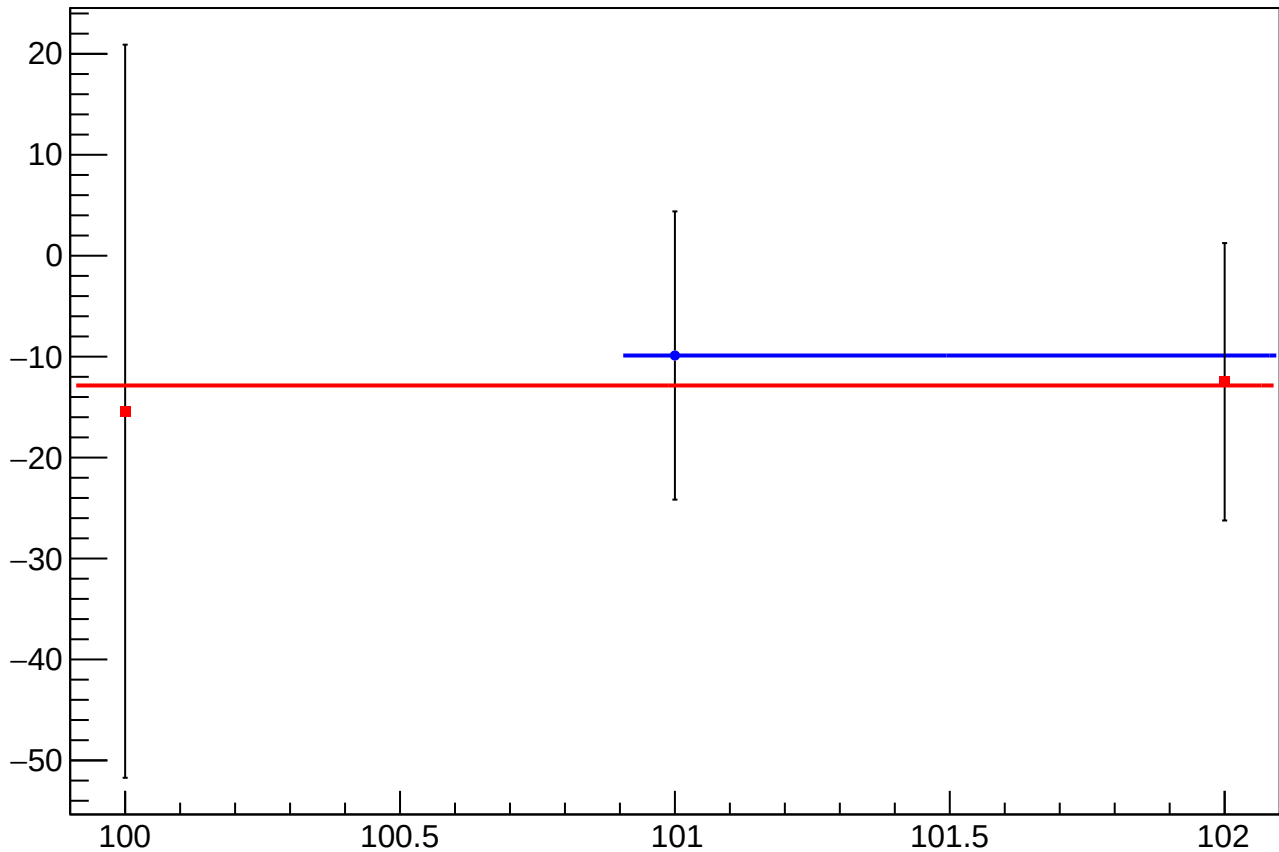
Right: 1185.215 $\pm$ 0.713 χ^2 /NDF: 431.2/2

In: 1196.356 $\pm$ 1.043 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1185.215 $\pm$ 0.713 χ^2 /NDF: 431.2/2

diff_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -9.887+/-14.279 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.856+/-12.854 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

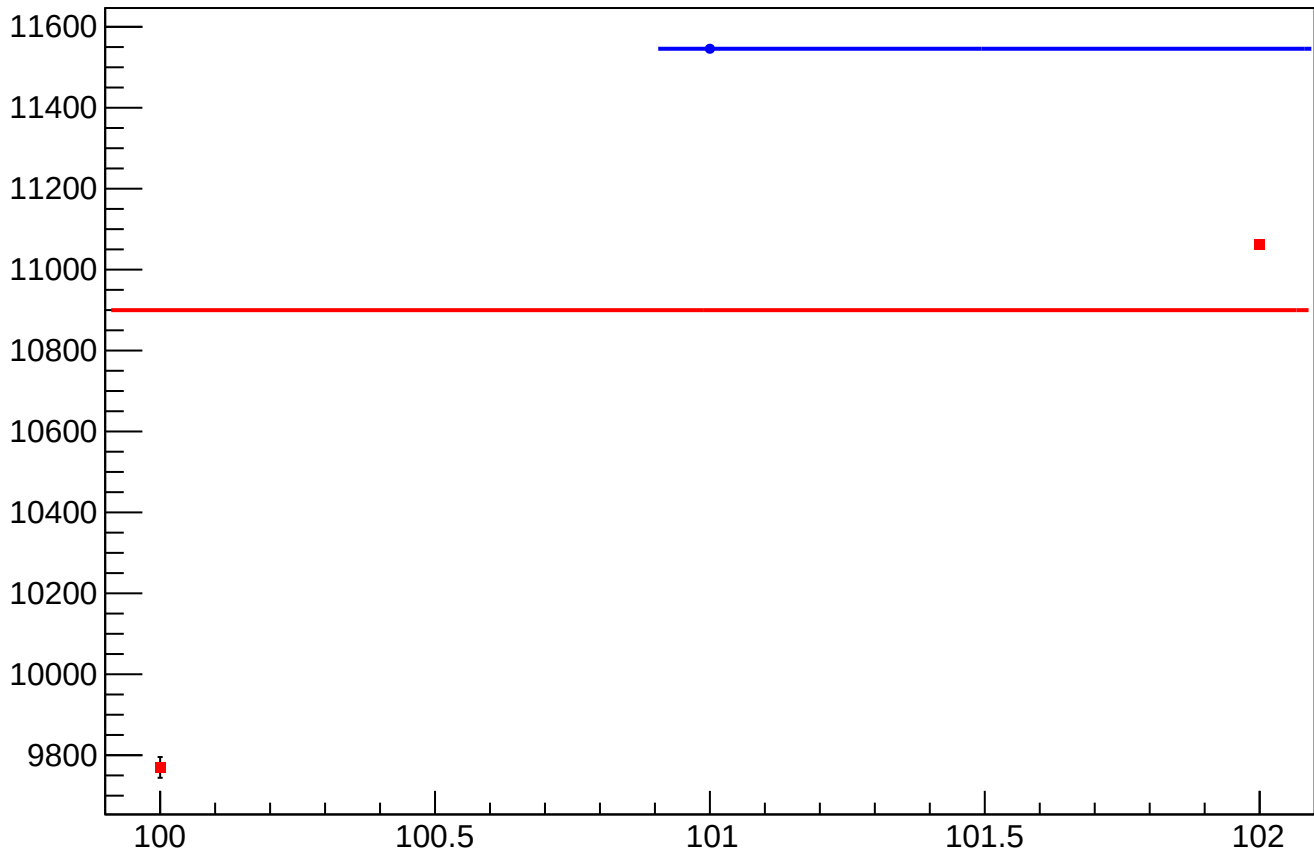
Right: -11.527+/-9.553 χ^2/NDF : 0.0/2

In: -9.887+/-14.279 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.527+/-9.553 χ^2/NDF : 0.0/2

diff_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 11545.814+/-10.097 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10899.829+/-9.089 χ^2/NDF : 2213.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

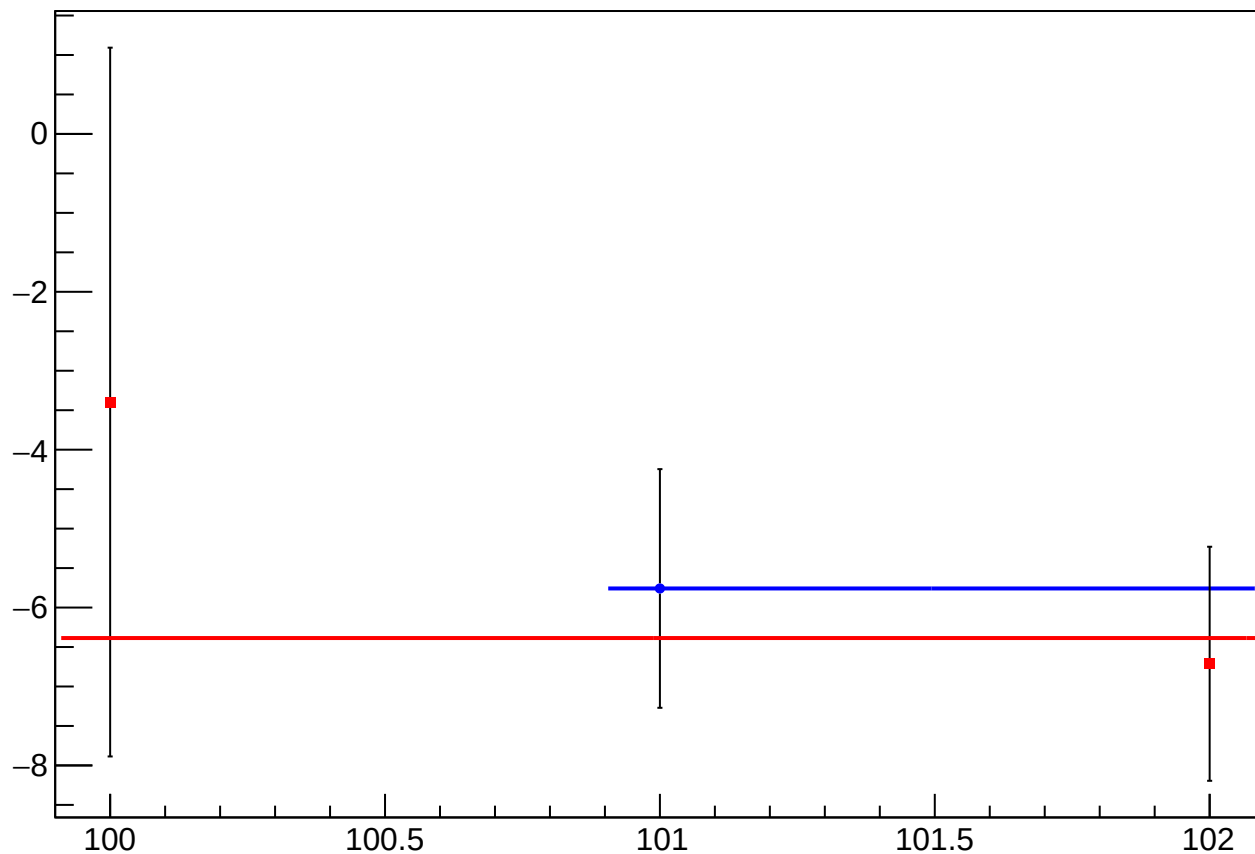
Right: 11188.984+/-6.755 χ^2/NDF : 4474.8/2

In: 11545.814+/-10.097 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11188.984+/-6.755 χ^2/NDF : 4474.8/2

diff_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: -5.758+/-1.512 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.386+/-1.408 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

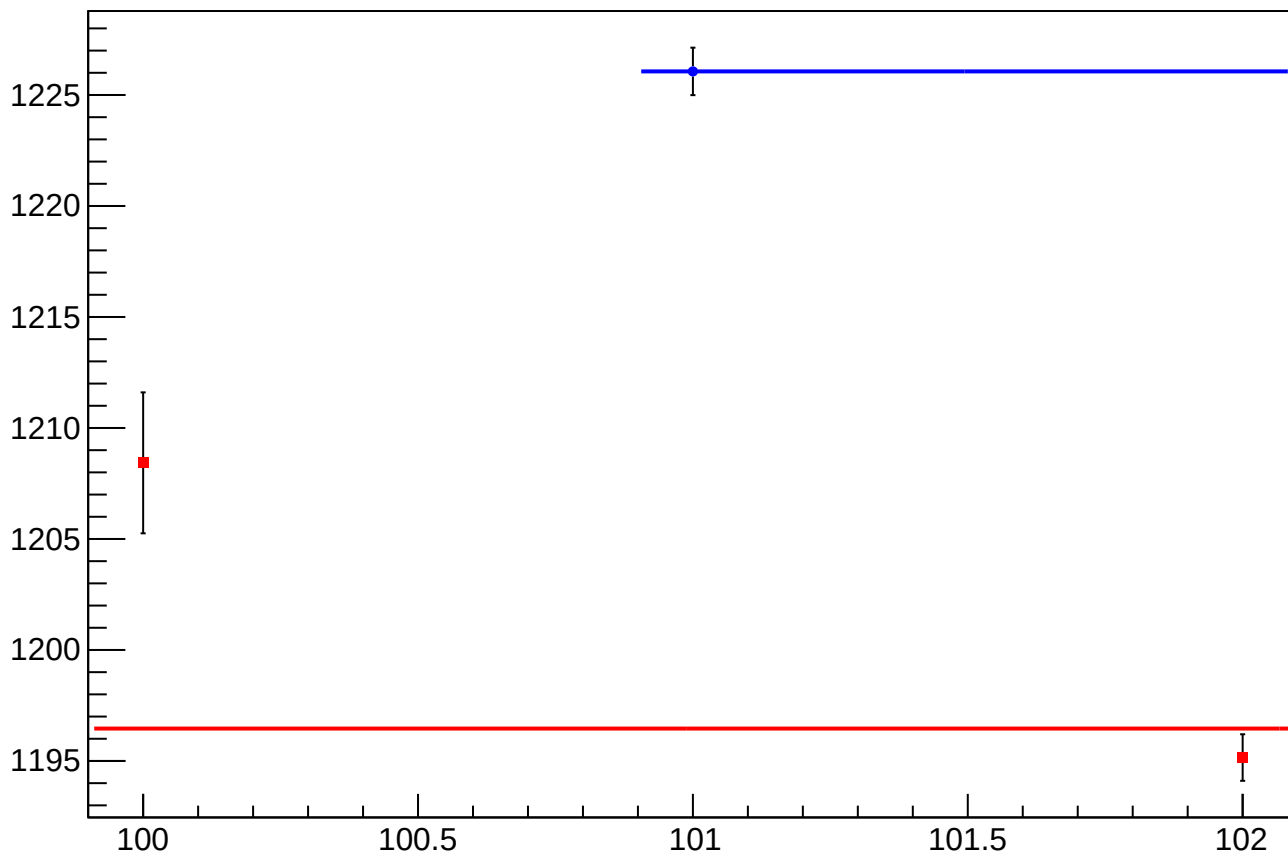
Right: -6.095+/-1.030 χ^2/NDF : 0.6/2

In: -5.758+/-1.512 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.095+/-1.030 χ^2/NDF : 0.6/2

diff_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 1226.063 $\pm$ 1.069 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1196.460 $\pm$ 0.995 χ^2 /NDF: 15.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

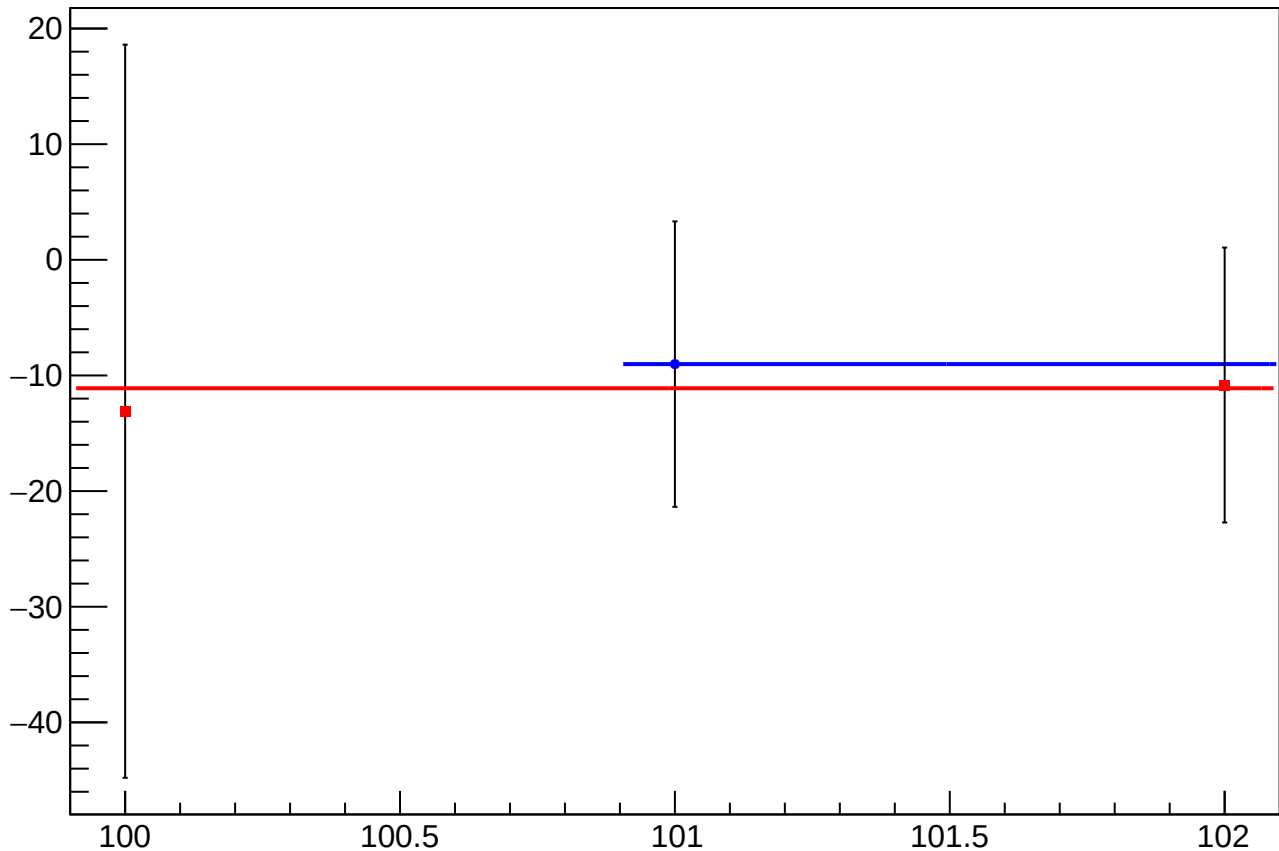
Right: 1210.207 $\pm$ 0.729 χ^2 /NDF: 426.5/2

In: 1226.063 $\pm$ 1.069 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1210.207 $\pm$ 0.729 χ^2 /NDF: 426.5/2

diff_bpm0l08X_mean vs Slug, Sign Corrected



Right In: -9.019+/-12.344 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.107+/-11.131 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

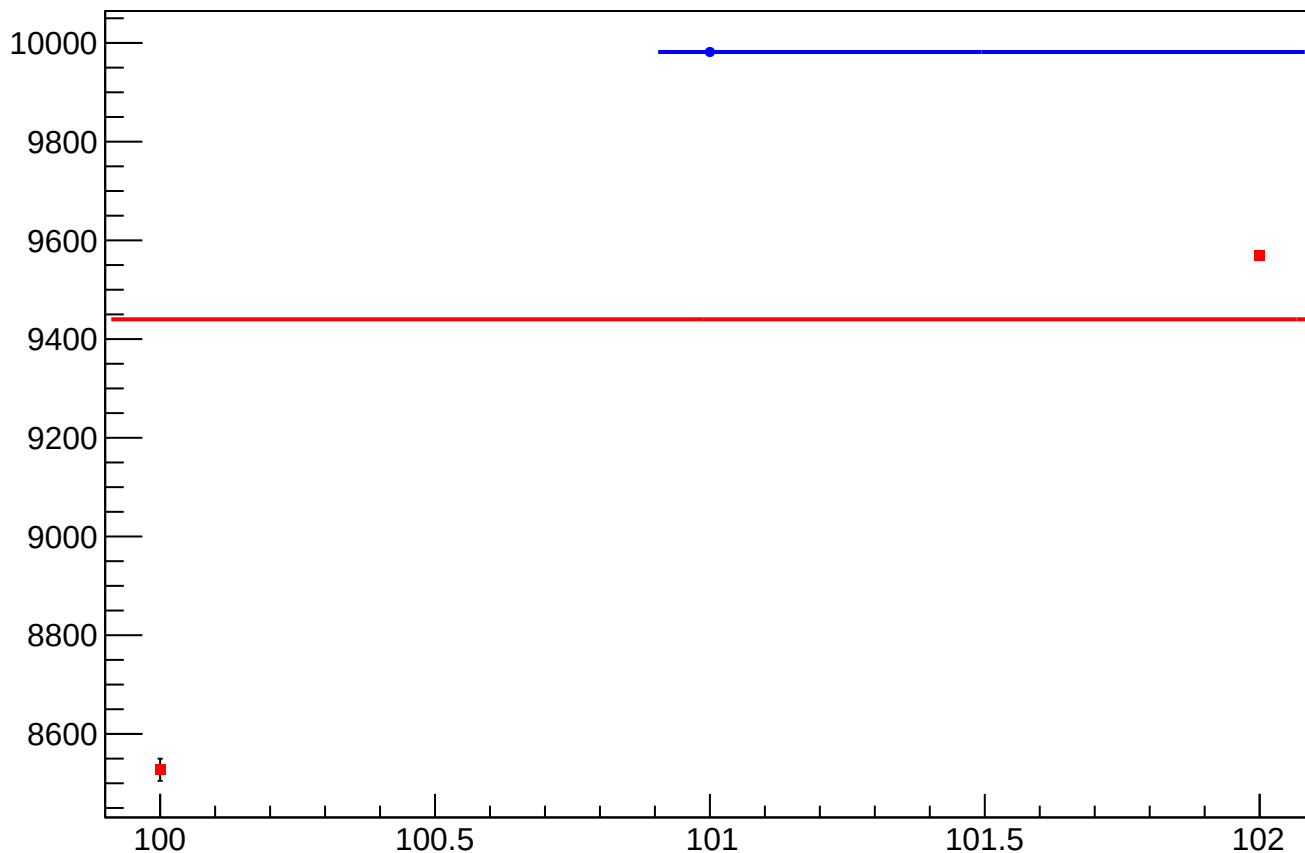
Right: -10.171+/-8.266 χ^2/NDF : 0.0/2

In: -9.019+/-12.344 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.171+/-8.266 χ^2/NDF : 0.0/2

diff_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 9981.702 $\pm$ 8.729 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9440.132 $\pm$ 7.871 χ^2 /NDF: 1891.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

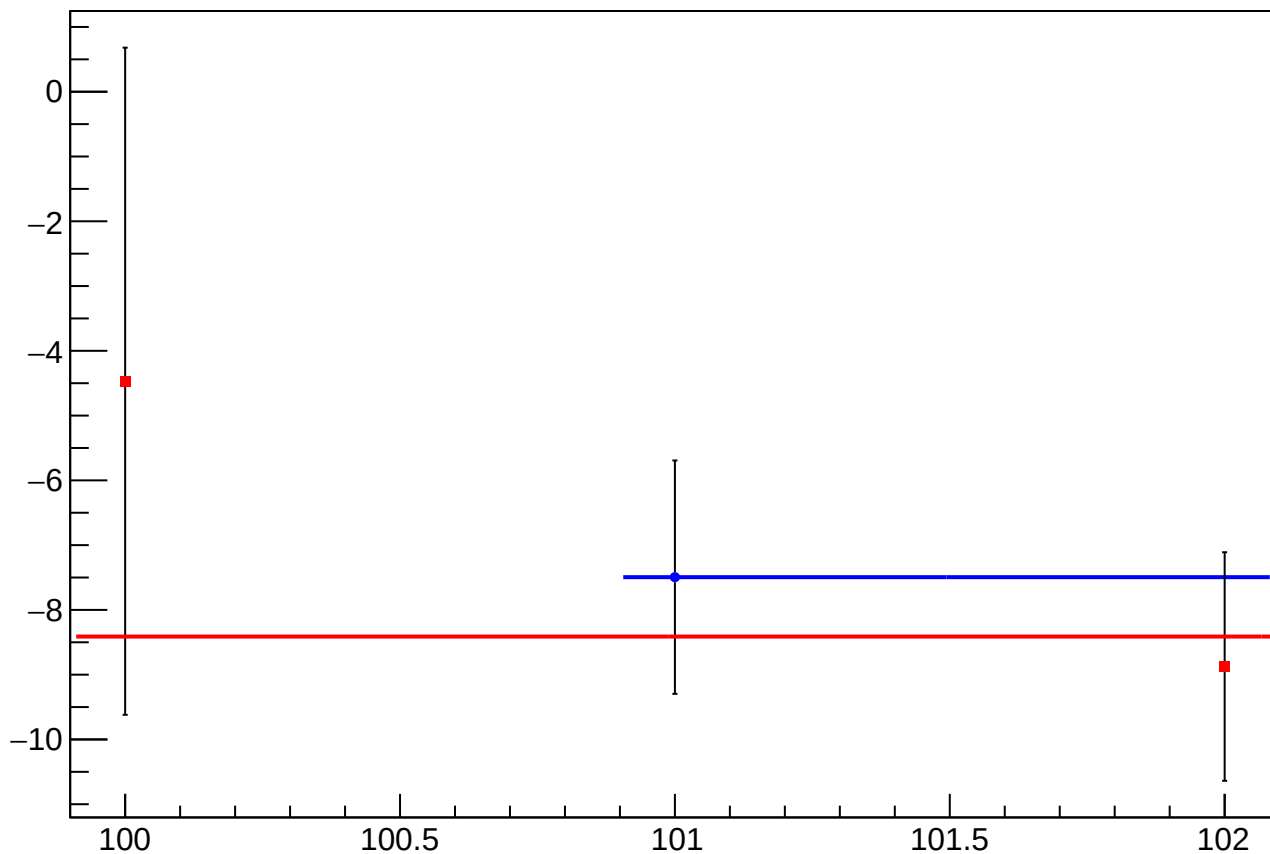
Right: 9683.002 $\pm$ 5.845 χ^2 /NDF: 4014.5/2

In: 9981.702 $\pm$ 8.729 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9683.002 $\pm$ 5.845 χ^2 /NDF: 4014.5/2

diff_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -7.495+/-1.801 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.411+/-1.669 χ^2/NDF : 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

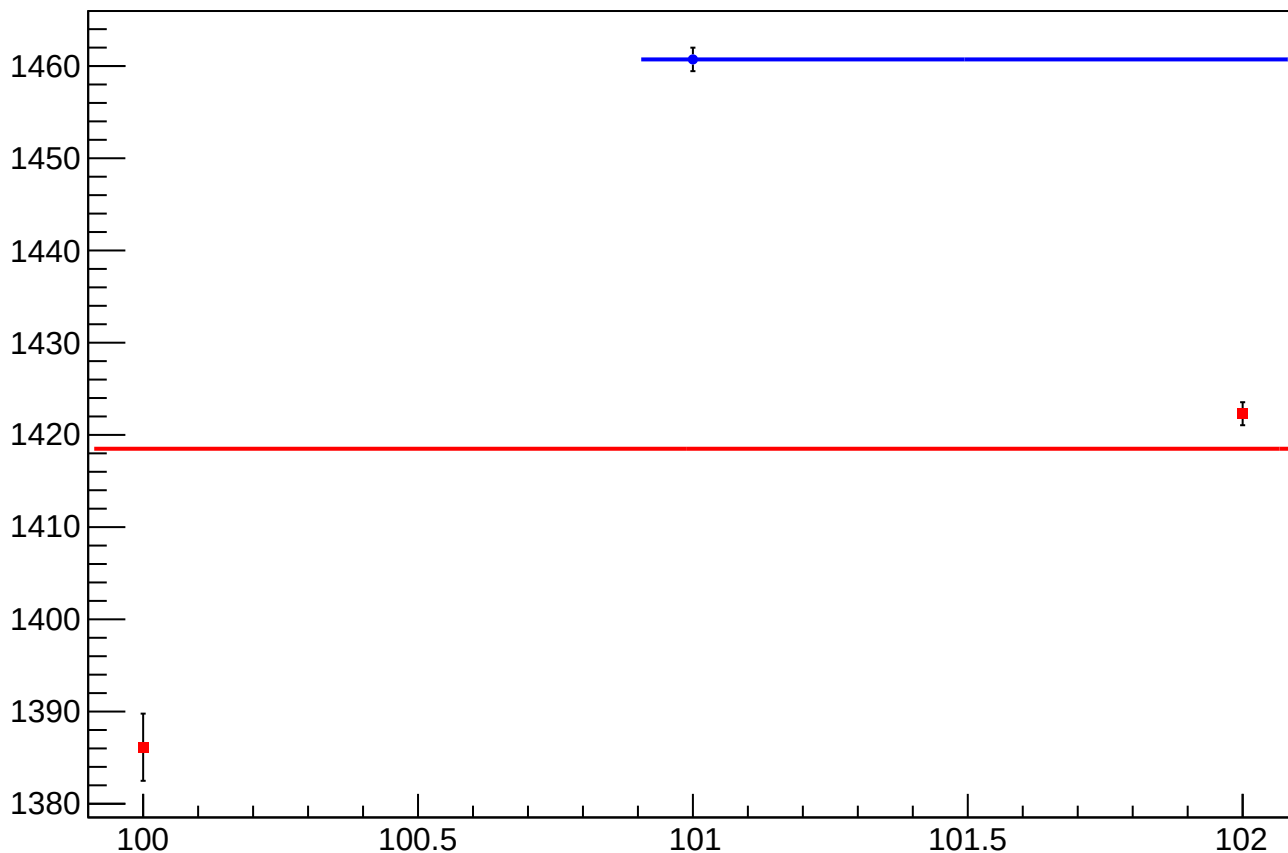
Right: -7.988+/-1.224 χ^2/NDF : 0.8/2

In: -7.495+/-1.801 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.988+/-1.224 χ^2/NDF : 0.8/2

diff_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 1460.719 $\pm$ 1.274 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1418.499 $\pm$ 1.180 χ^2 /NDF: 88.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

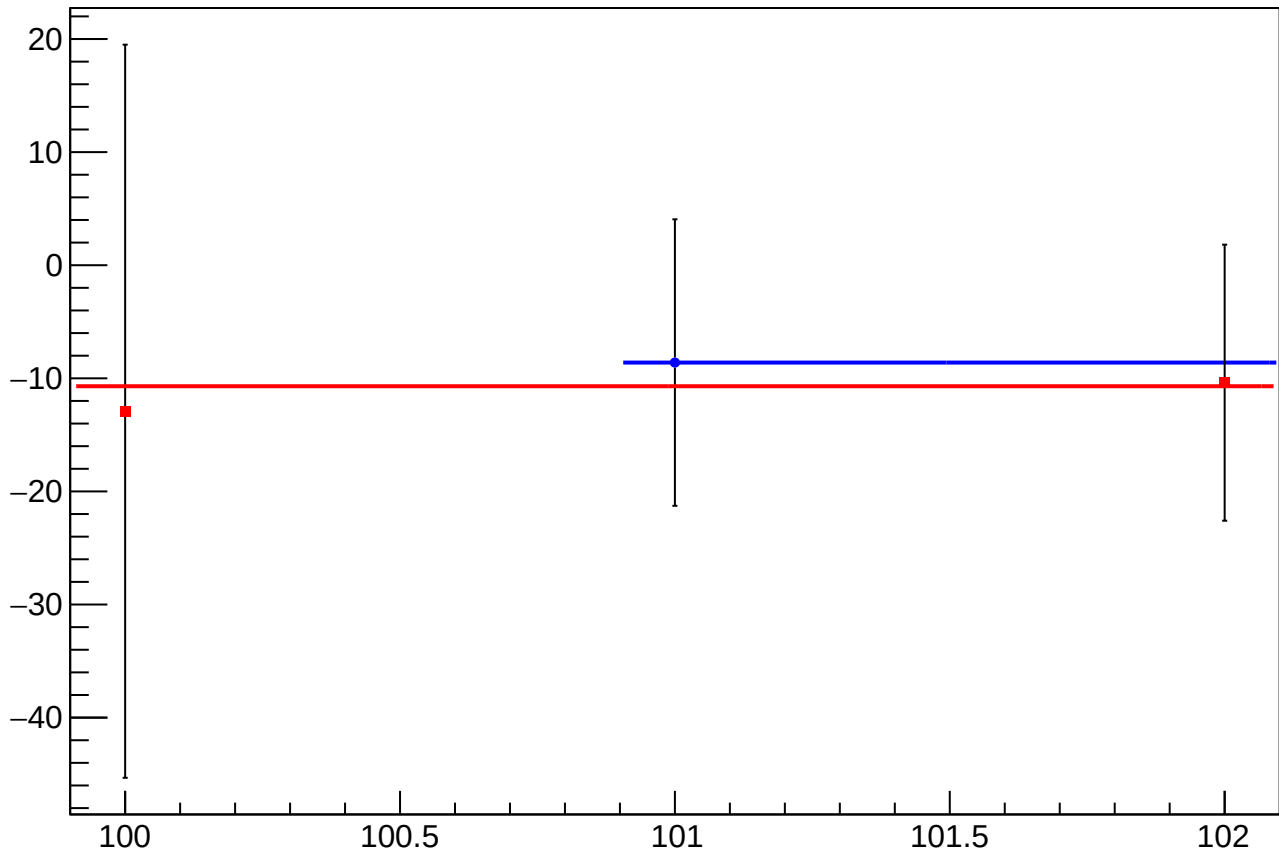
Right: 1438.001 $\pm$ 0.866 χ^2 /NDF: 679.4/2

In: 1460.719 $\pm$ 1.274 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1438.001 $\pm$ 0.866 χ^2 /NDF: 679.4/2

diff_bpm0l09X_mean vs Slug, Sign Corrected



Right In: -8.607+/-12.665 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.699+/-11.421 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

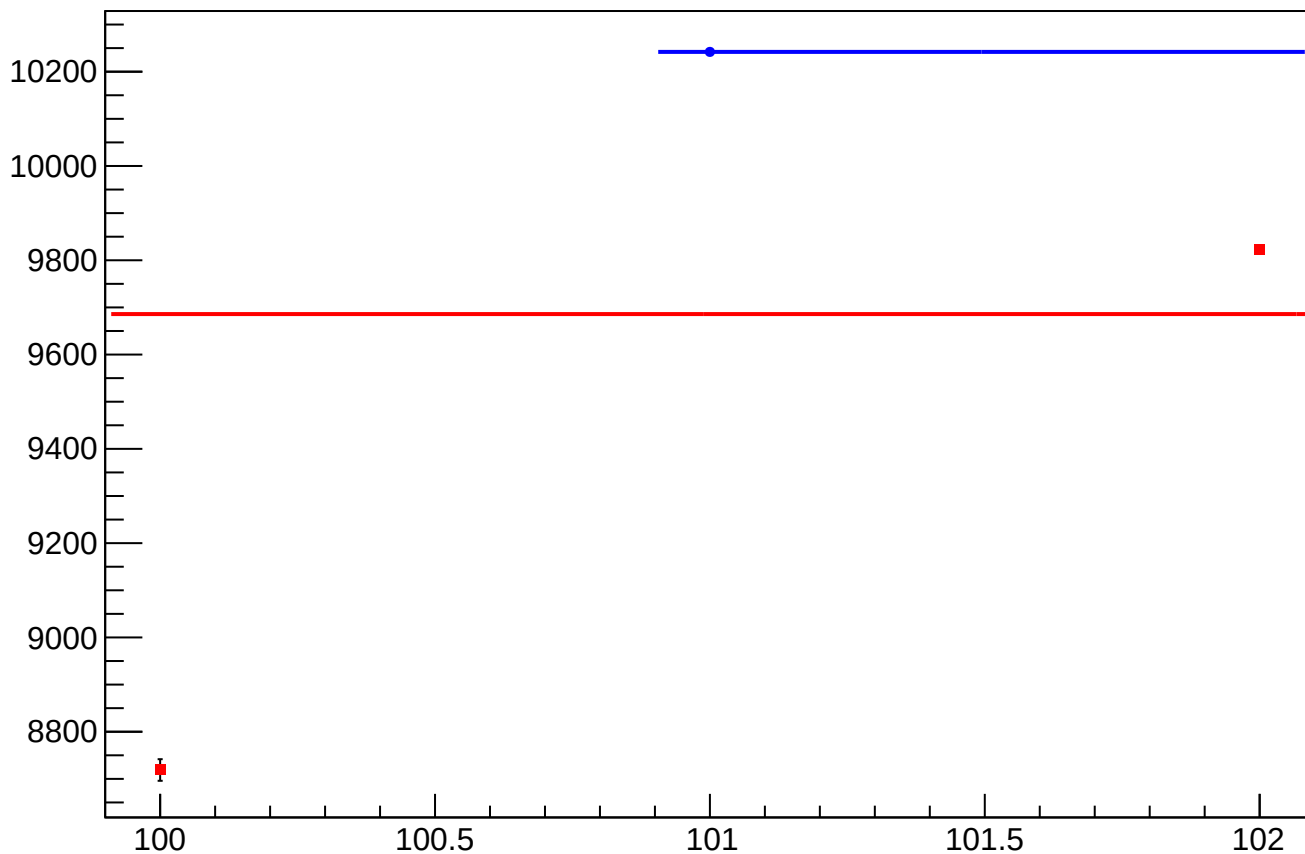
Right: -9.761+/-8.482 χ^2/NDF : 0.0/2

In: -8.607+/-12.665 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.761+/-8.482 χ^2/NDF : 0.0/2

diff_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 10241.985 $\pm$ 8.956 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9685.892 $\pm$ 8.076 χ^2 /NDF: 2033.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

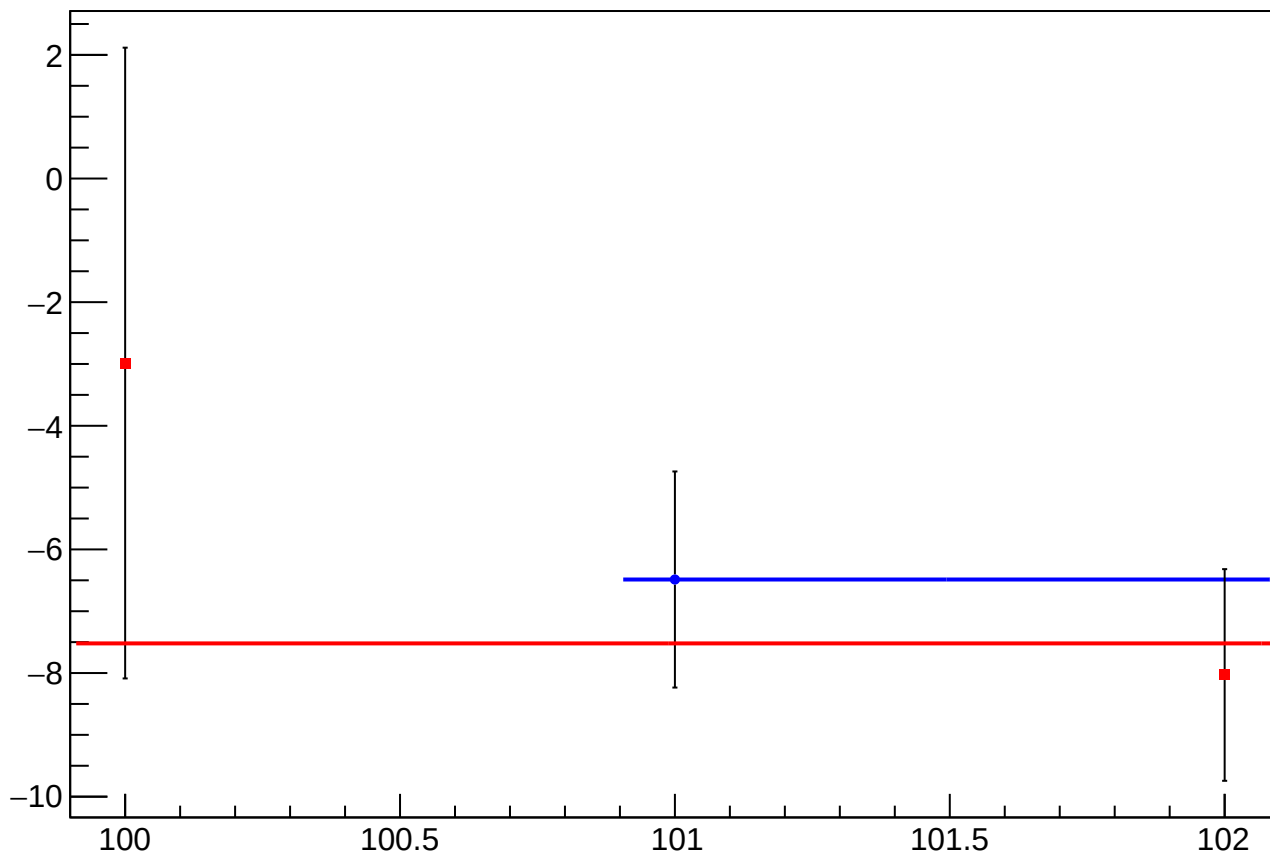
Right: 9935.287 $\pm$ 5.998 χ^2 /NDF: 4159.4/2

In: 10241.985 $\pm$ 8.956 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9935.287 $\pm$ 5.998 χ^2 /NDF: 4159.4/2

diff_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -6.487+/-1.748 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.521+/-1.623 χ^2/NDF : 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

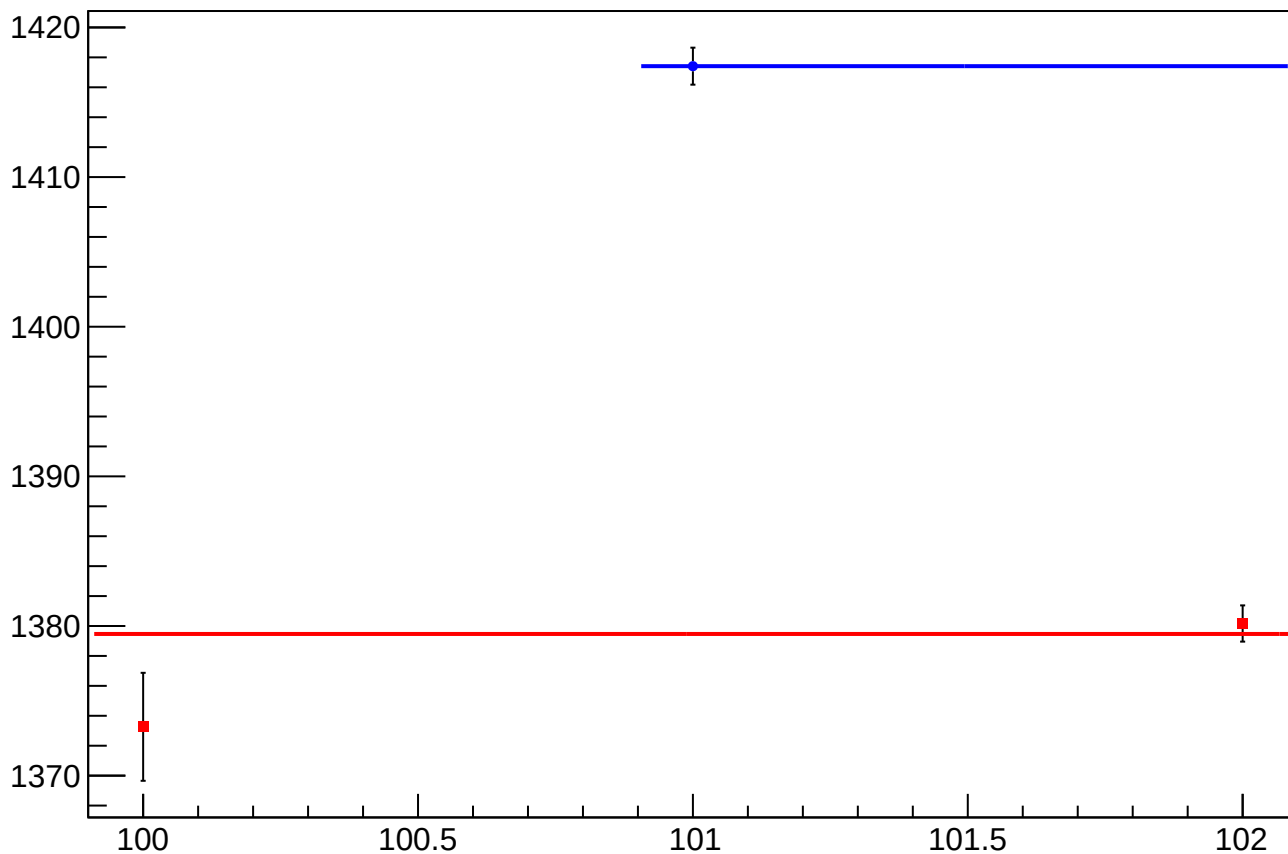
Right: -7.042+/-1.189 χ^2/NDF : 1.1/2

In: -6.487+/-1.748 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.042+/-1.189 χ^2/NDF : 1.1/2

diff_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 1417.412 $\pm$ 1.236 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1379.468 $\pm$ 1.148 χ^2/NDF : 3.3/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

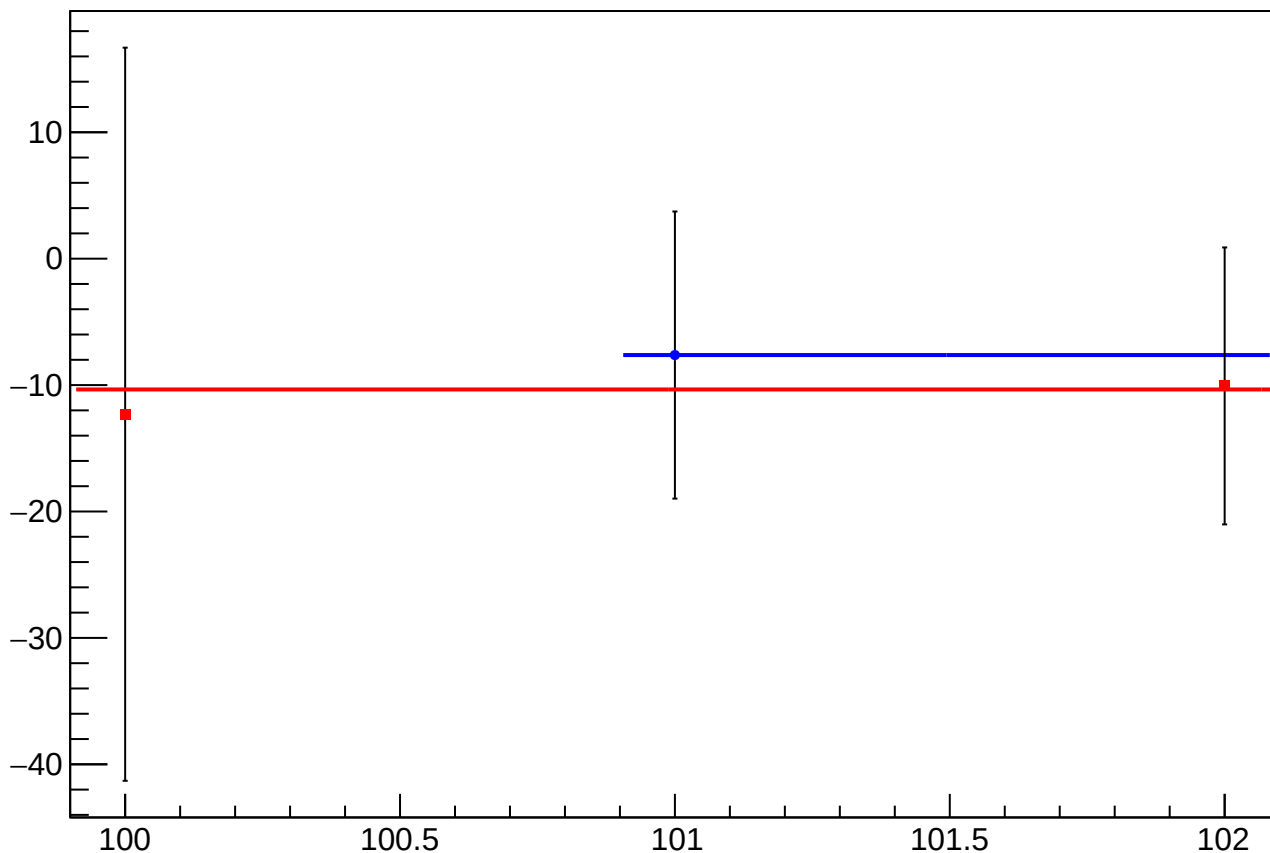
Right: 1397.036 $\pm$ 0.841 χ^2/NDF : 509.3/2

In: 1417.412 $\pm$ 1.236 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1397.036 $\pm$ 0.841 χ^2/NDF : 509.3/2

diff_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -7.624+/-11.357 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.345+/-10.248 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

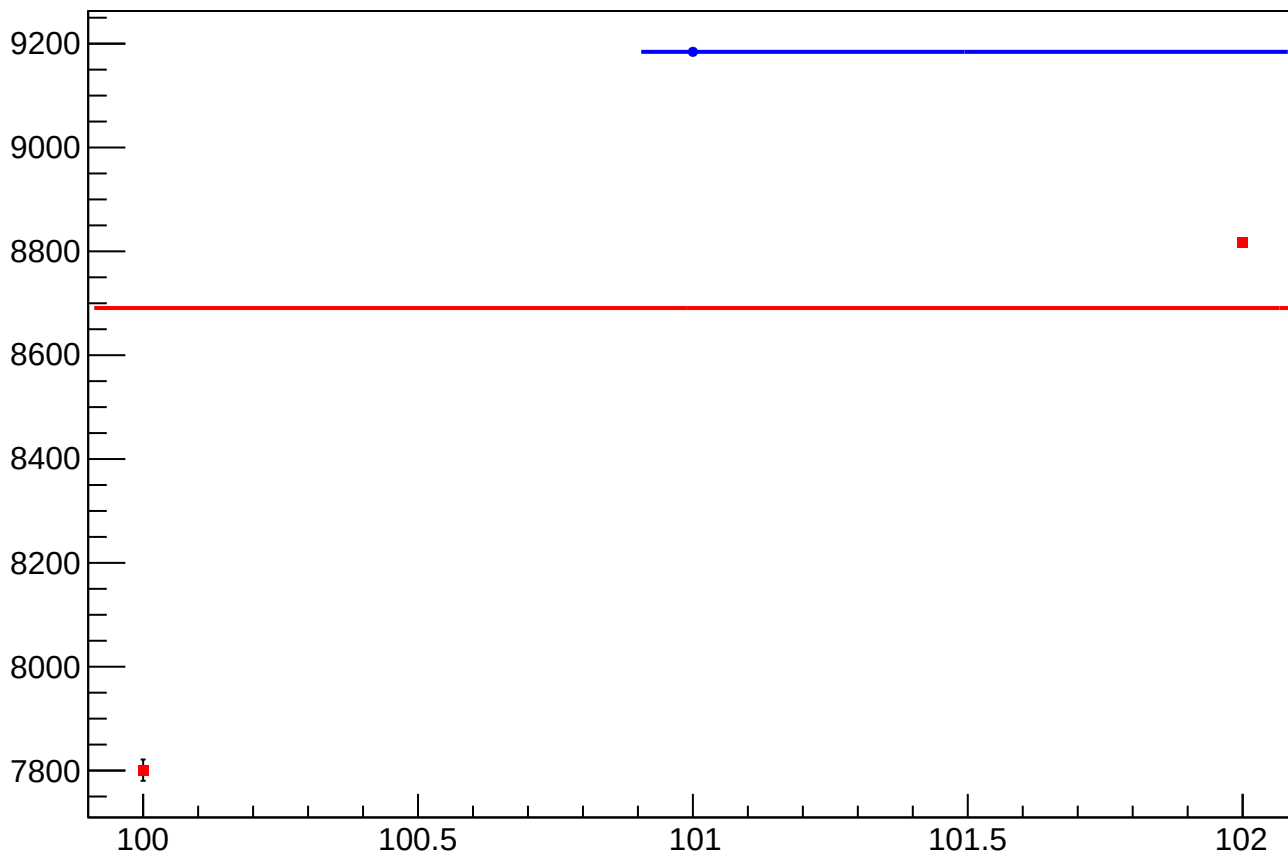
Right: -9.124+/-7.608 χ^2/NDF : 0.0/2

In: -7.624+/-11.357 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.124+/-7.608 χ^2/NDF : 0.0/2

diff_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 9184.261+/-8.031 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8690.853+/-7.246 χ^2/NDF : 2153.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

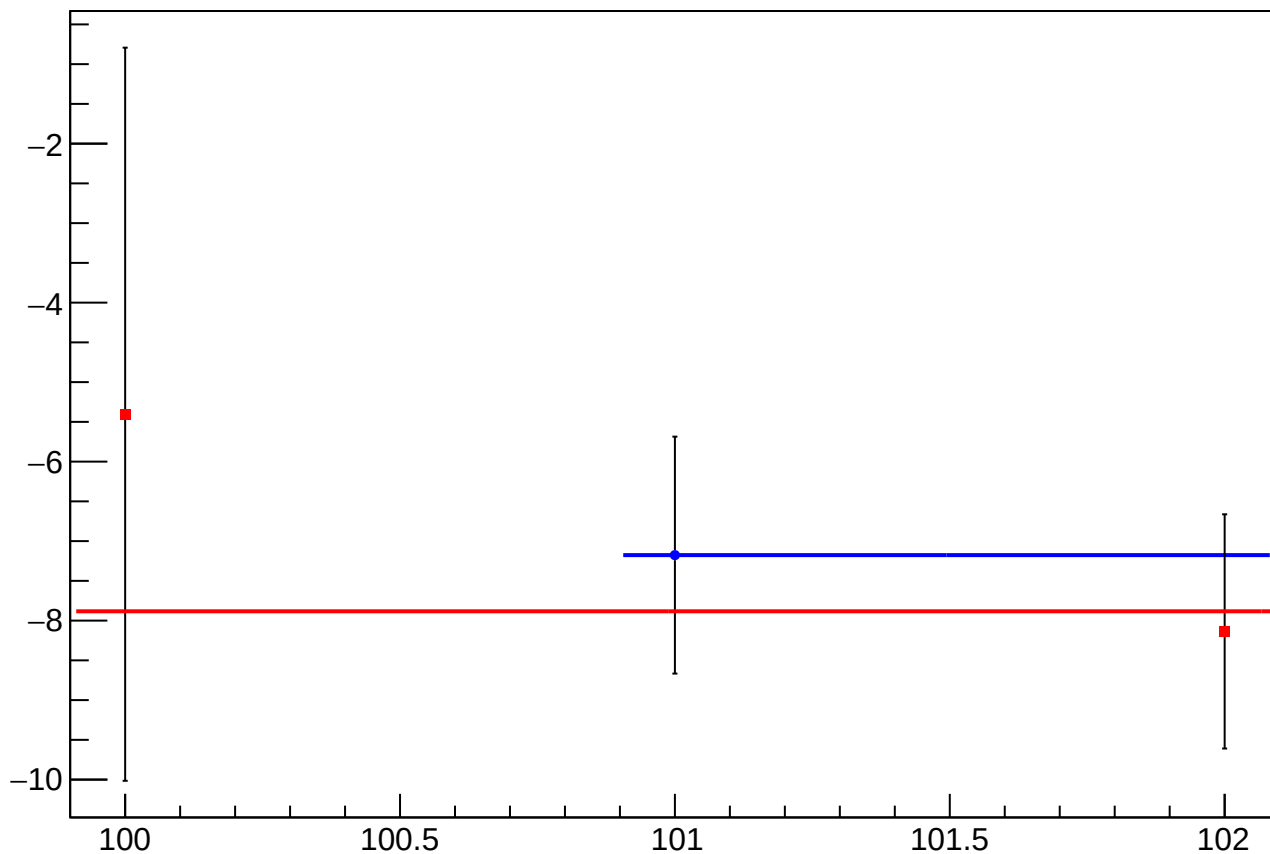
Right: 8912.299+/-5.380 χ^2/NDF : 4234.1/2

In: 9184.261+/-8.031 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8912.299+/-5.380 χ^2/NDF : 4234.1/2

diff_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -7.176+/-1.490 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.883+/-1.403 χ^2/NDF : 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

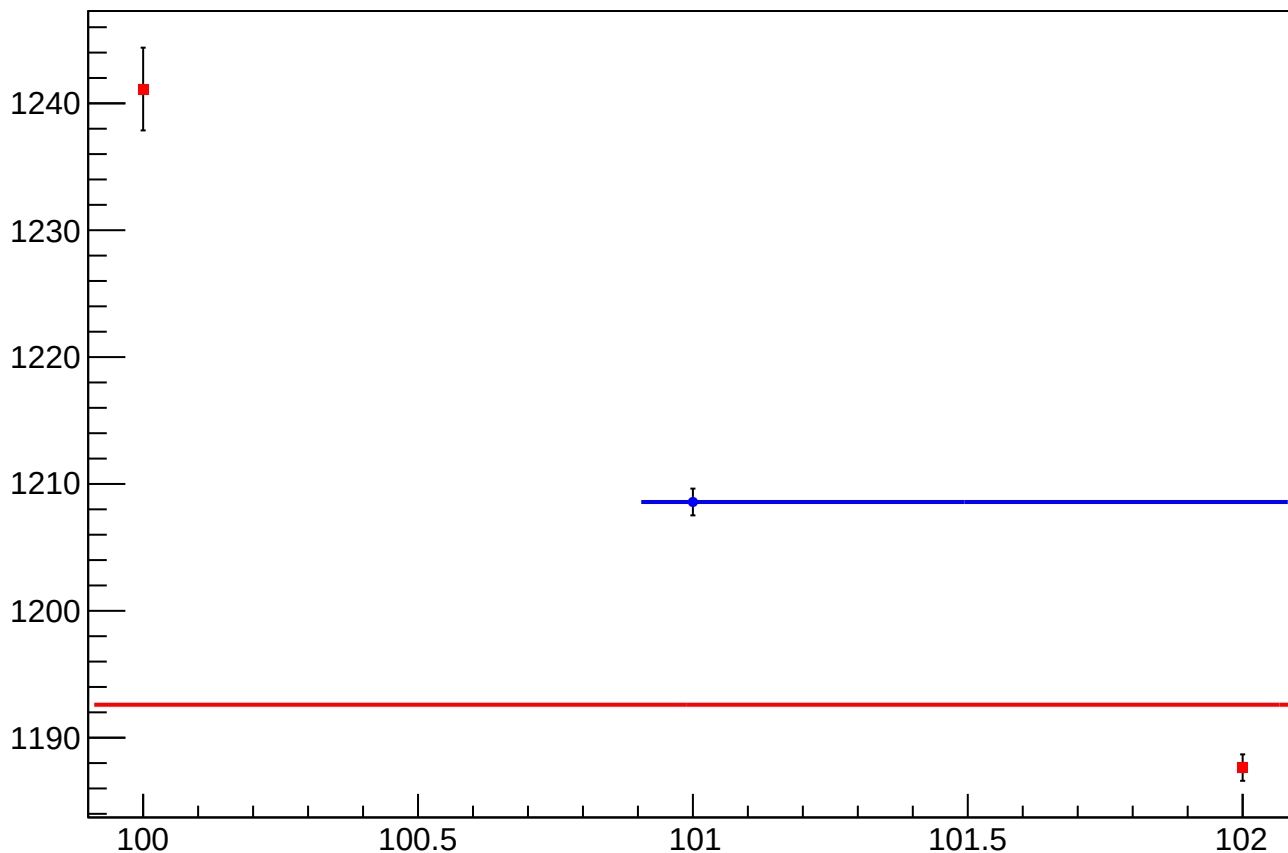
Right: -7.551+/-1.022 χ^2/NDF : 0.4/2

In: -7.176+/-1.490 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.551+/-1.022 χ^2/NDF : 0.4/2

diff_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 1208.578 $\pm$ 1.054 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1192.598 $\pm$ 0.992 χ^2 /NDF: 244.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

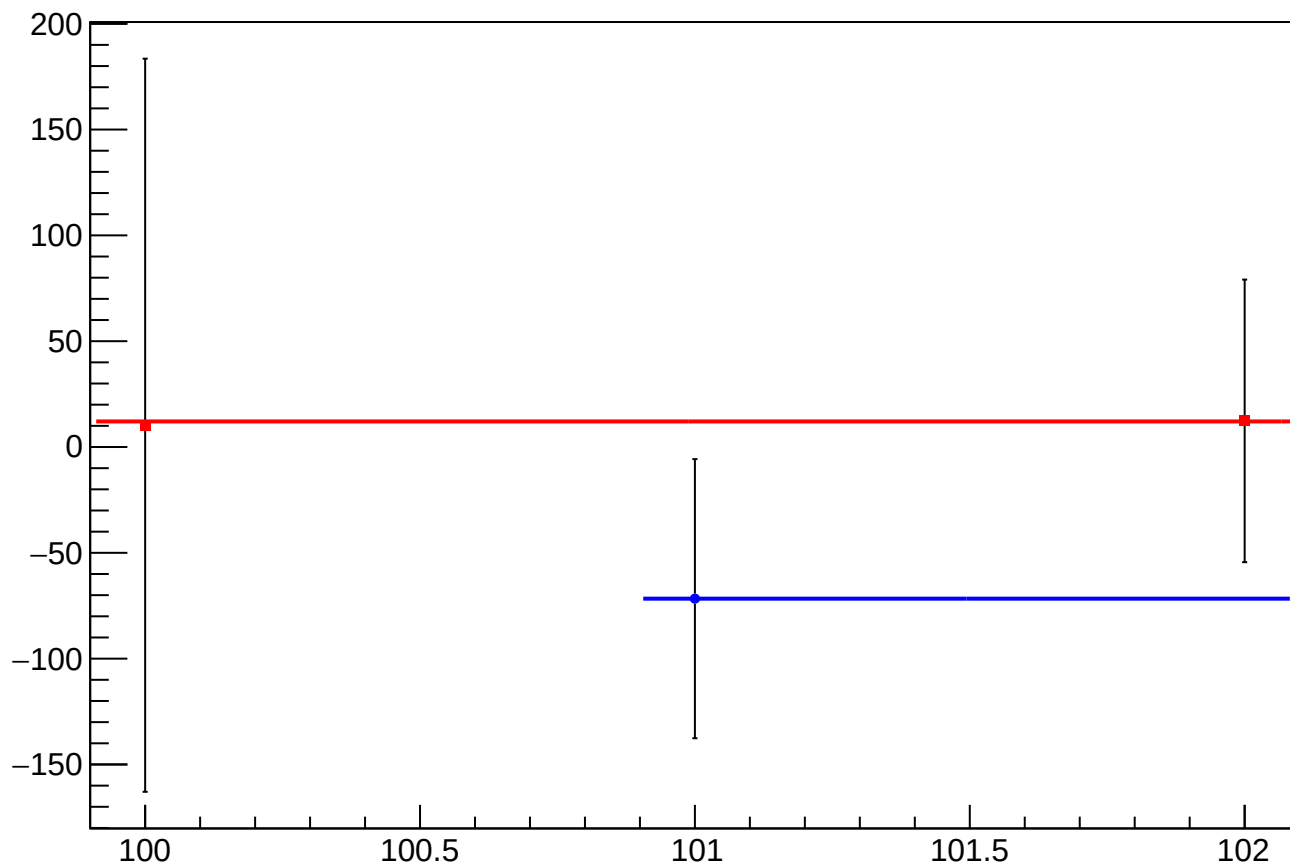
Right: 1200.108 $\pm$ 0.722 χ^2 /NDF: 366.0/2

In: 1208.578 $\pm$ 1.054 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1200.108 $\pm$ 0.722 χ^2 /NDF: 366.0/2

diff_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -71.654+/-65.947 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.076+/-62.294 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

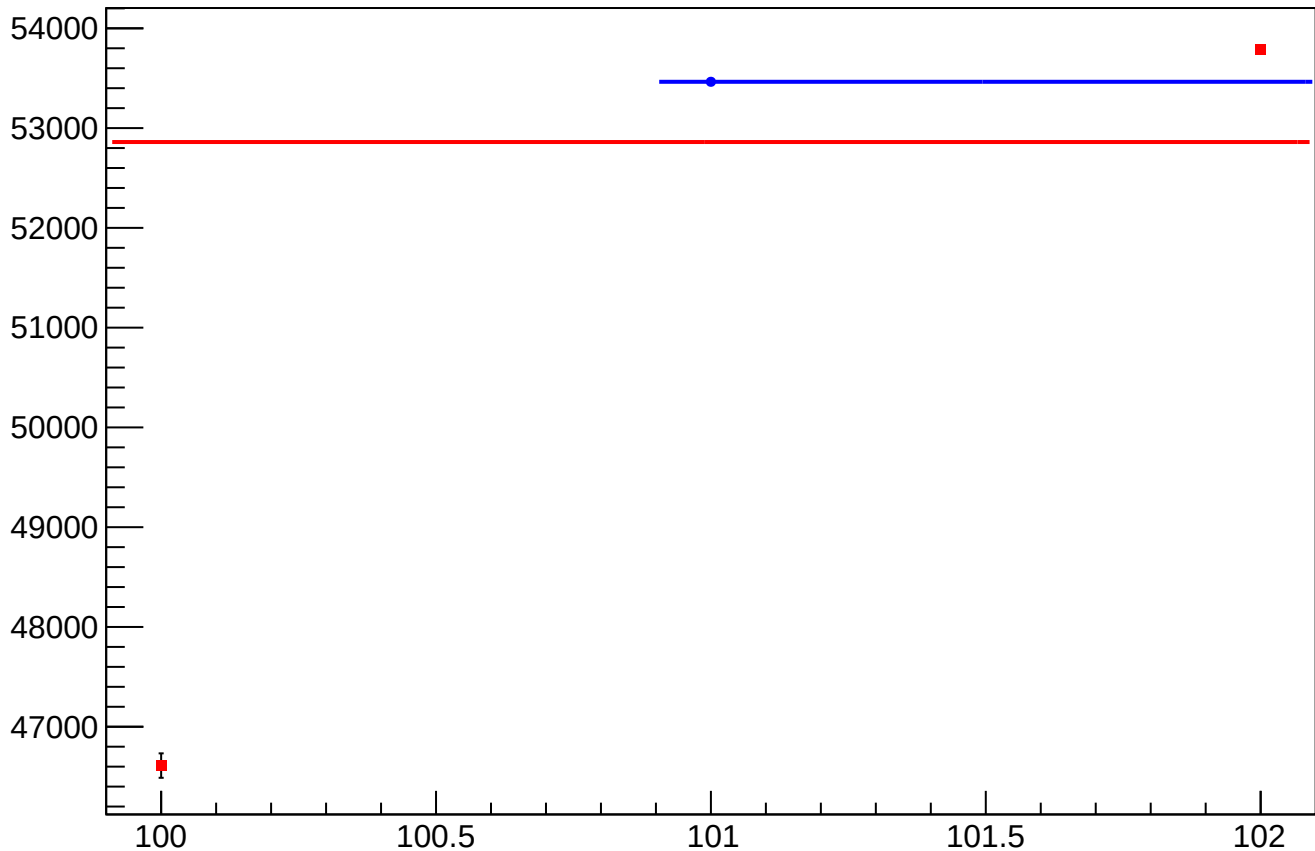
Right: -27.405+/-45.285 χ^2/NDF : 0.9/2

In: -71.654+/-65.947 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.405+/-45.285 χ^2/NDF : 0.9/2

diff_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 53464.115+/-46.632 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52860.407+/-44.048 χ^2/NDF : 2990.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

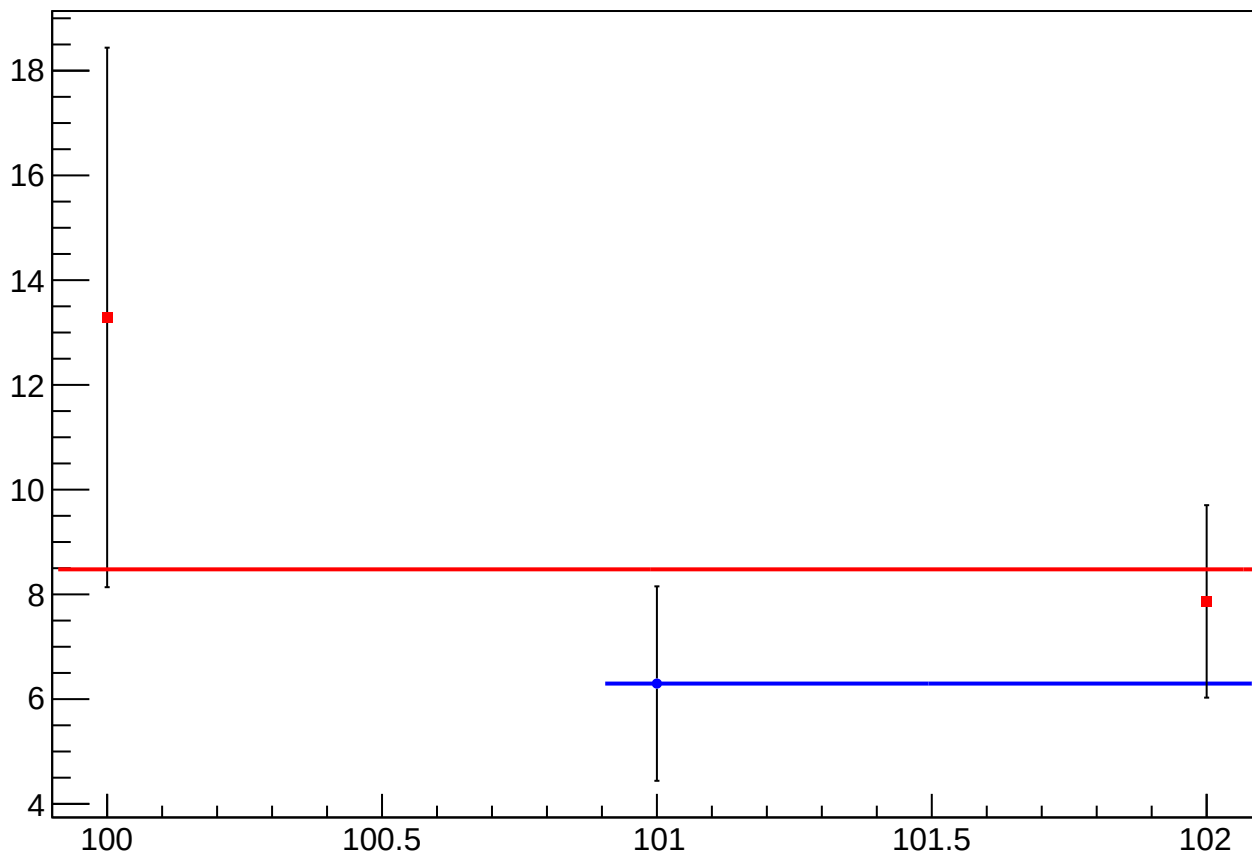
Right: 53145.075+/-32.021 χ^2/NDF : 3079.5/2

In: 53464.115+/-46.632 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53145.075+/-32.021 χ^2/NDF : 3079.5/2

diff_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 6.297+/-1.856 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.478+/-1.731 χ^2/NDF : 1.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

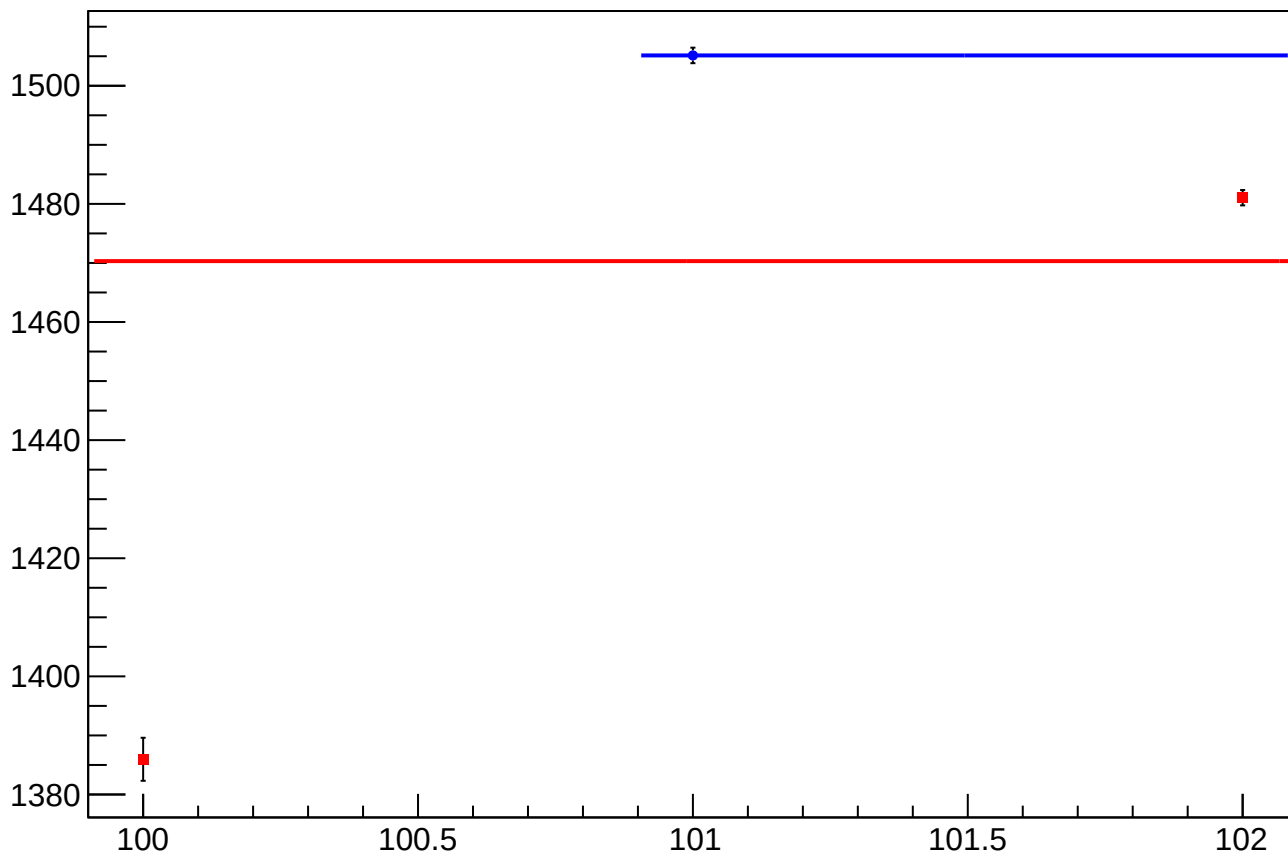
Right: 7.464+/-1.266 χ^2/NDF : 1.7/2

In: 6.297+/-1.856 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.464+/-1.266 χ^2/NDF : 1.7/2

diff_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 1505.138 $\pm$ 1.313 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1470.312 $\pm$ 1.224 χ^2/NDF : 604.6/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

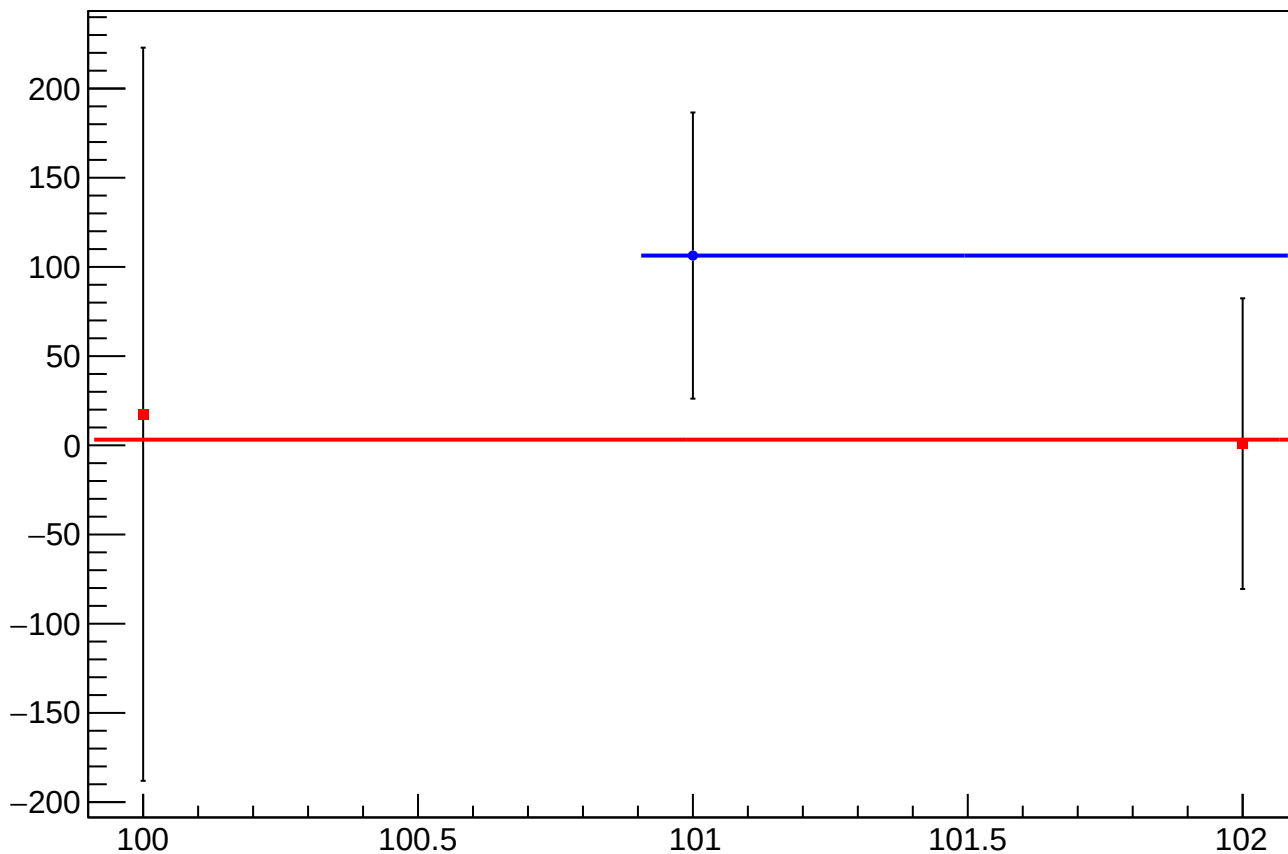
Right: 1486.506 $\pm$ 0.895 χ^2/NDF : 981.2/2

In: 1505.138 $\pm$ 1.313 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1486.506 $\pm$ 0.895 χ^2/NDF : 981.2/2

diff_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 106.361 $\pm$ 80.204 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.177 $\pm$ 75.726 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

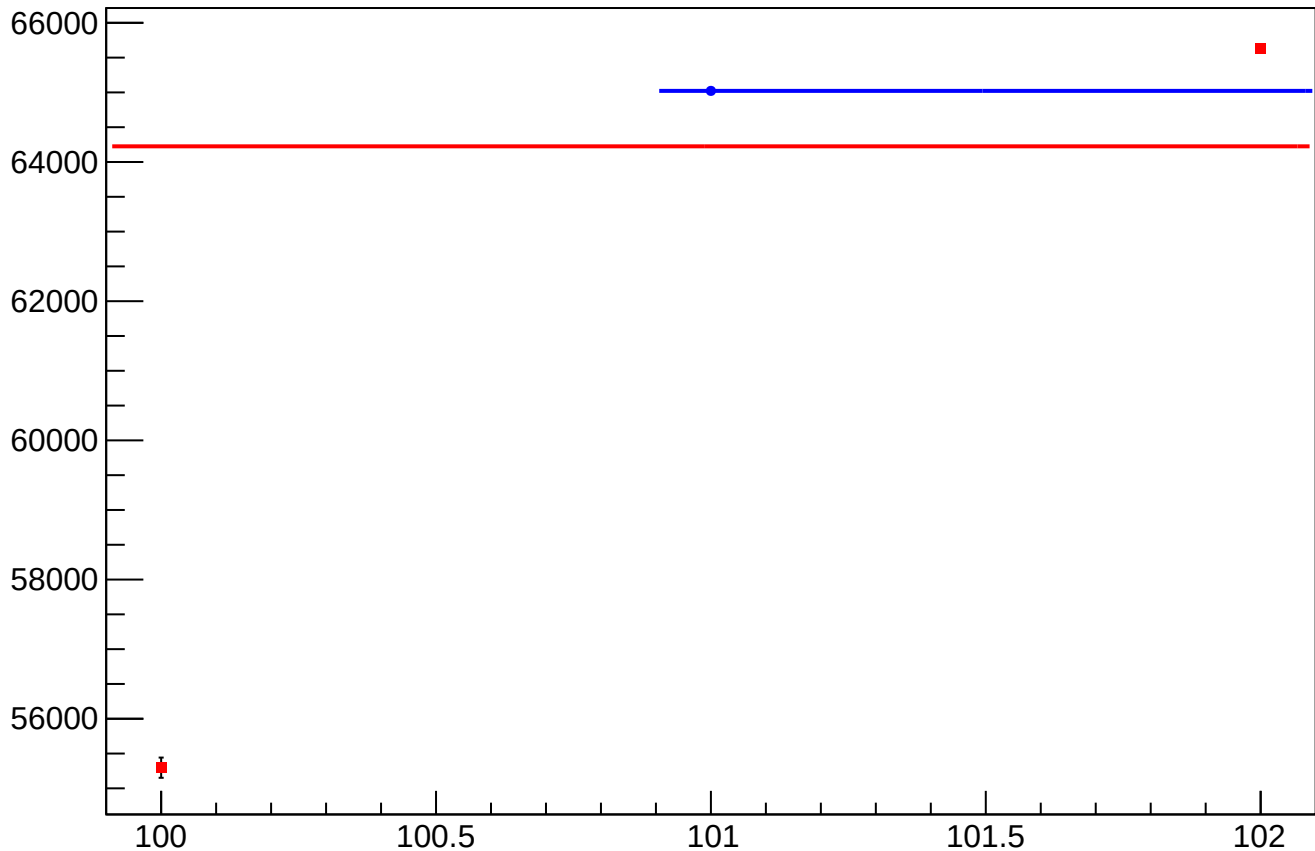
Right: 51.808 $\pm$ 55.061 χ^2 /NDF: 0.9/2

In: 106.361 $\pm$ 80.204 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 51.808 $\pm$ 55.061 χ^2 /NDF: 0.9/2

diff_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 65021.939 $\pm$ 56.713 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 64225.168 $\pm$ 53.546 χ^2 /NDF: 4369.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

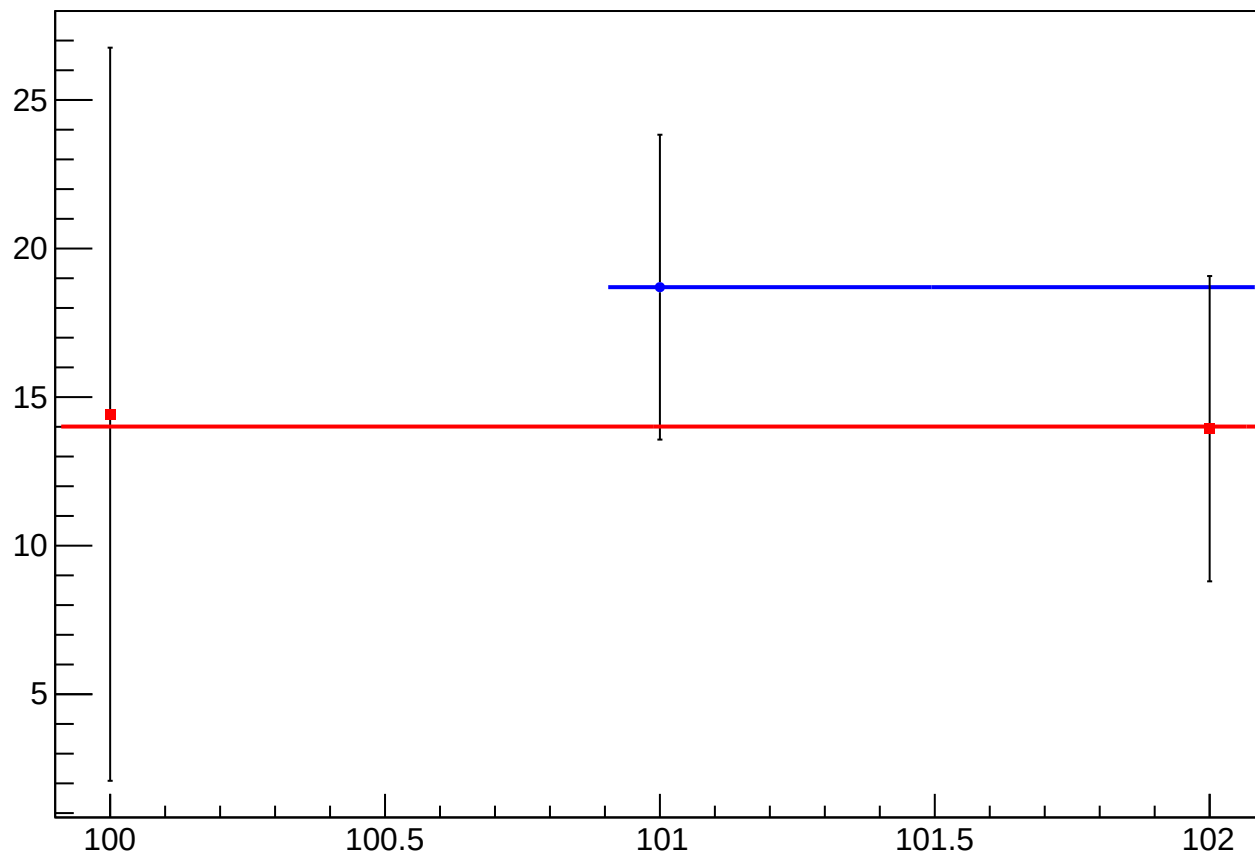
Right: 64600.690 $\pm$ 38.934 χ^2 /NDF: 4473.9/2

In: 65021.939 $\pm$ 56.713 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 64600.690 $\pm$ 38.934 χ^2 /NDF: 4473.9/2

diff_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 18.700 $\pm$ 5.130 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 14.009 $\pm$ 4.743 χ^2/NDF : 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

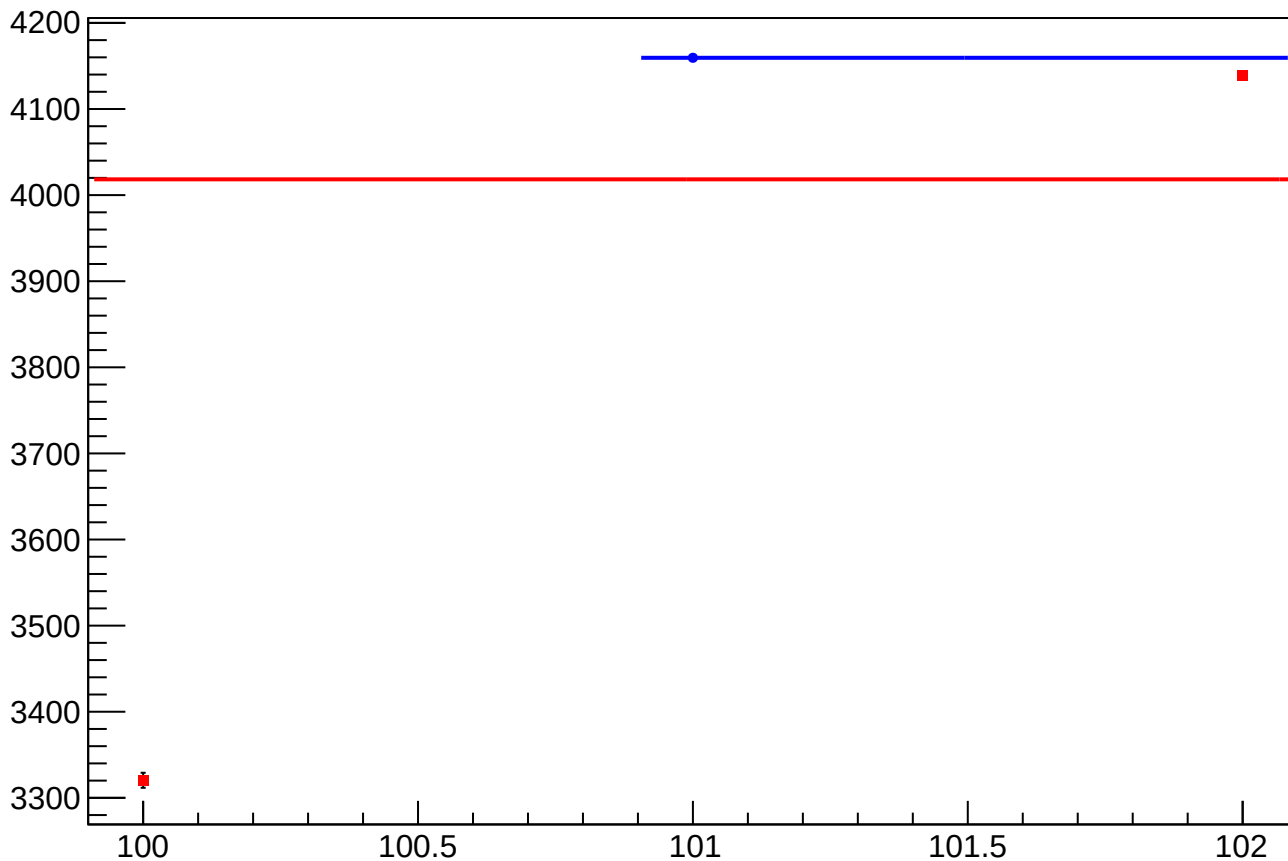
Right: 16.171 $\pm$ 3.483 χ^2/NDF : 0.5/2

In: 18.700 $\pm$ 5.130 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 16.171 $\pm$ 3.483 χ^2/NDF : 0.5/2

diff_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 4159.477 $\pm$ 3.628 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4018.316 $\pm$ 3.354 χ^2 /NDF: 7511.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

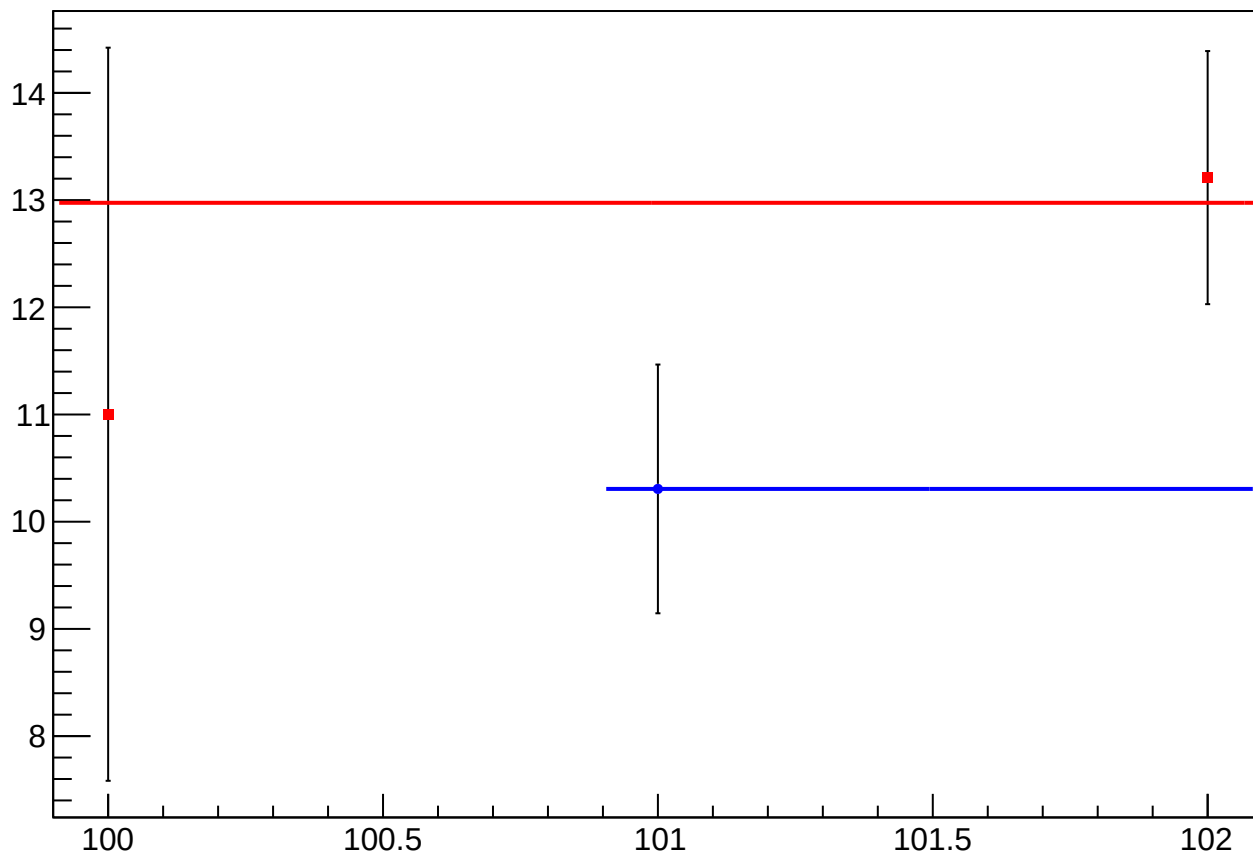
Right: 4083.366 $\pm$ 2.463 χ^2 /NDF: 8327.4/2

In: 4159.477 $\pm$ 3.628 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4083.366 $\pm$ 2.463 χ^2 /NDF: 8327.4/2

diff_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 10.306 $\pm$ 1.160 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 12.975 $\pm$ 1.116 χ^2 /NDF: 0.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

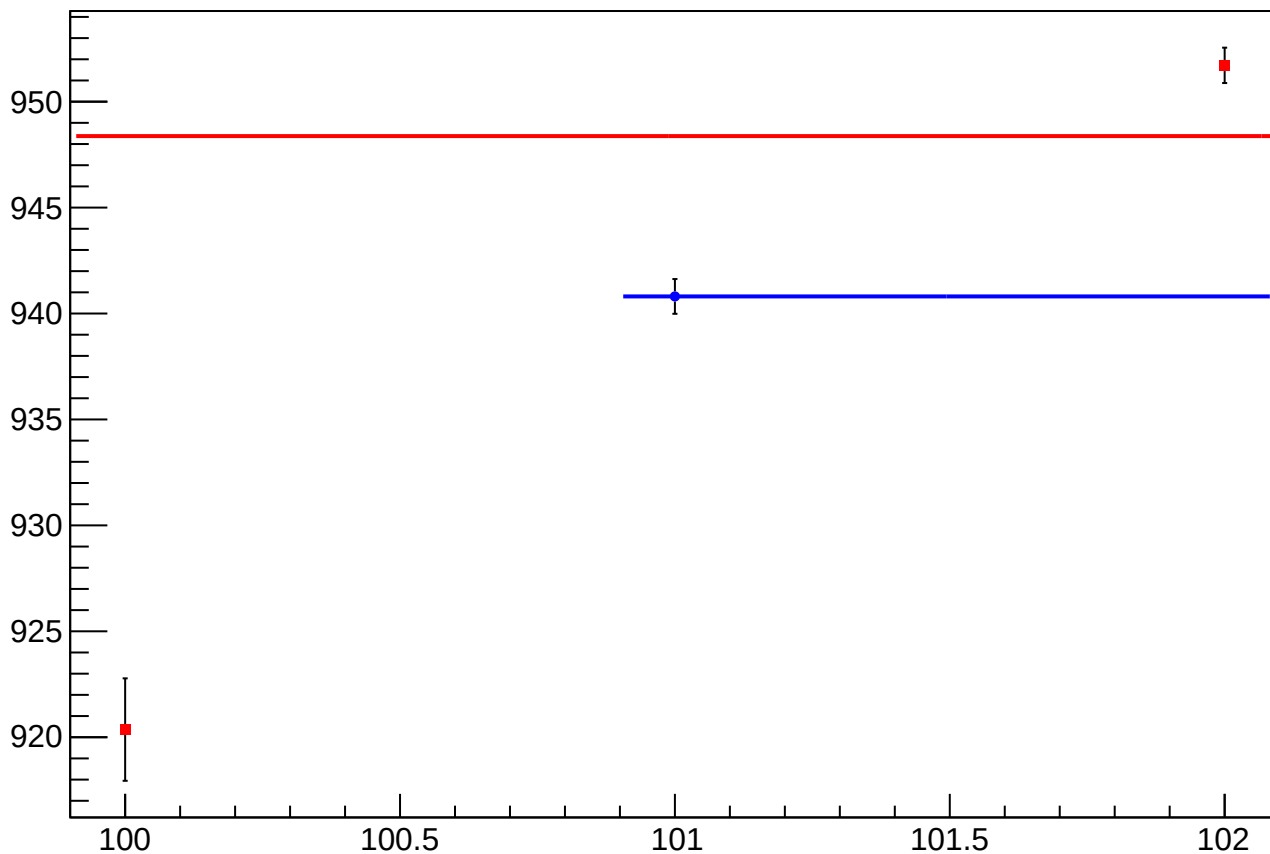
Right: 11.692 $\pm$ 0.804 χ^2 /NDF: 3.1/2

In: 10.306 $\pm$ 1.160 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.692 $\pm$ 0.804 χ^2 /NDF: 3.1/2

diff_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 940.807 $\pm$ 0.820 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 948.375 $\pm$ 0.789 χ^2 /NDF: 150.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

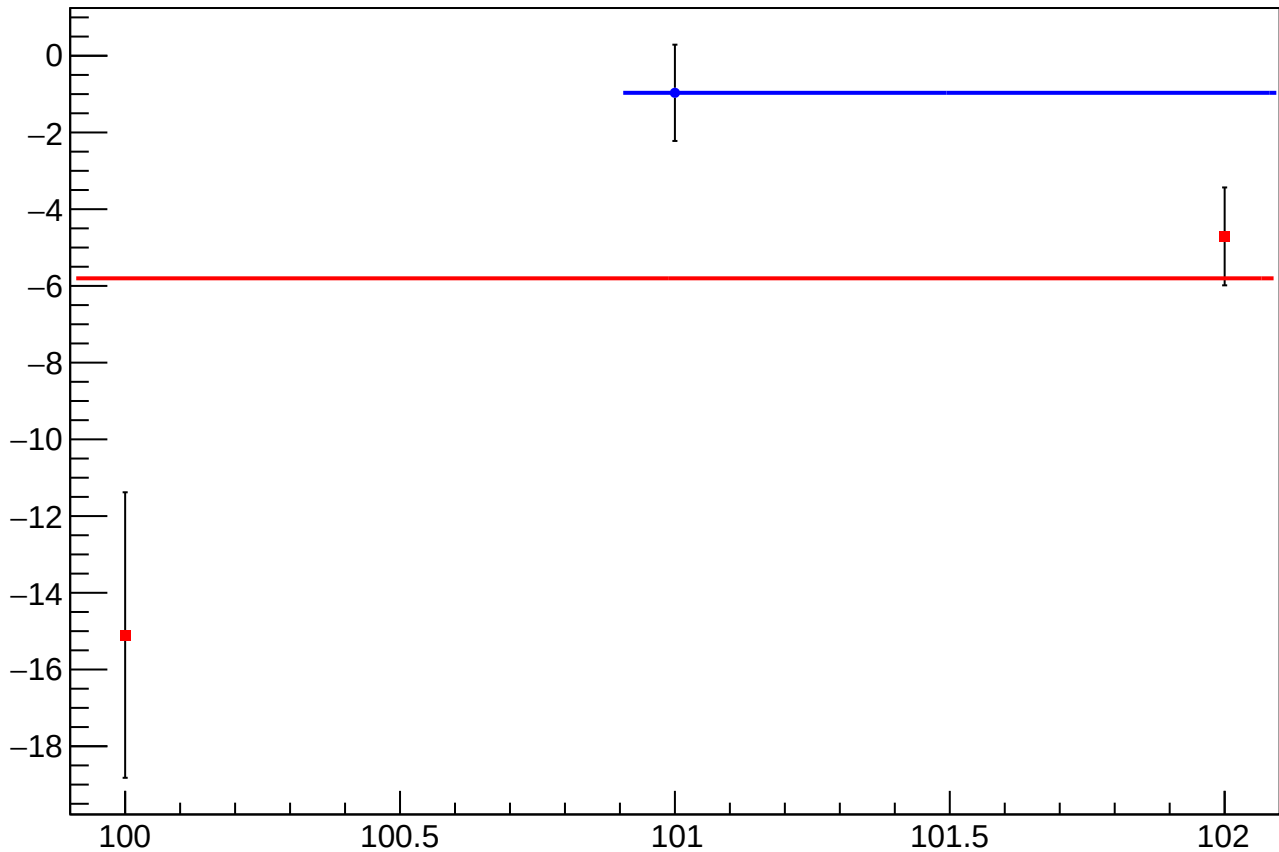
Right: 944.738 $\pm$ 0.569 χ^2 /NDF: 194.4/2

In: 940.807 $\pm$ 0.820 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 944.738 $\pm$ 0.569 χ^2 /NDF: 194.4/2

diff_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -0.966+/-1.255 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.802+/-1.207 χ^2/NDF : 7.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

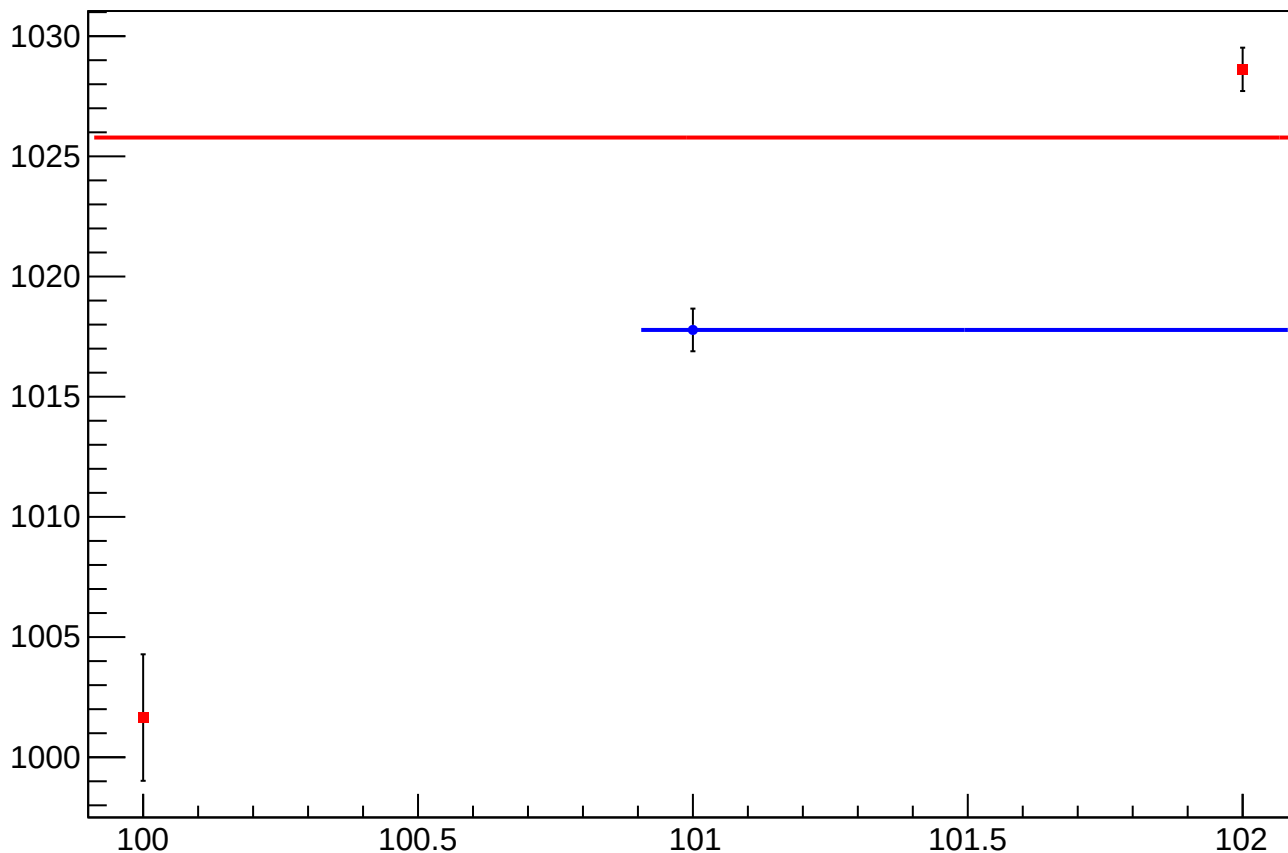
Right: -3.479+/-0.870 χ^2/NDF : 14.7/2

In: -0.966+/-1.255 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.479+/-0.870 χ^2/NDF : 14.7/2

diff_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 1017.778 $\pm$ 0.887 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1025.783 $\pm$ 0.853 χ^2 /NDF: 94.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

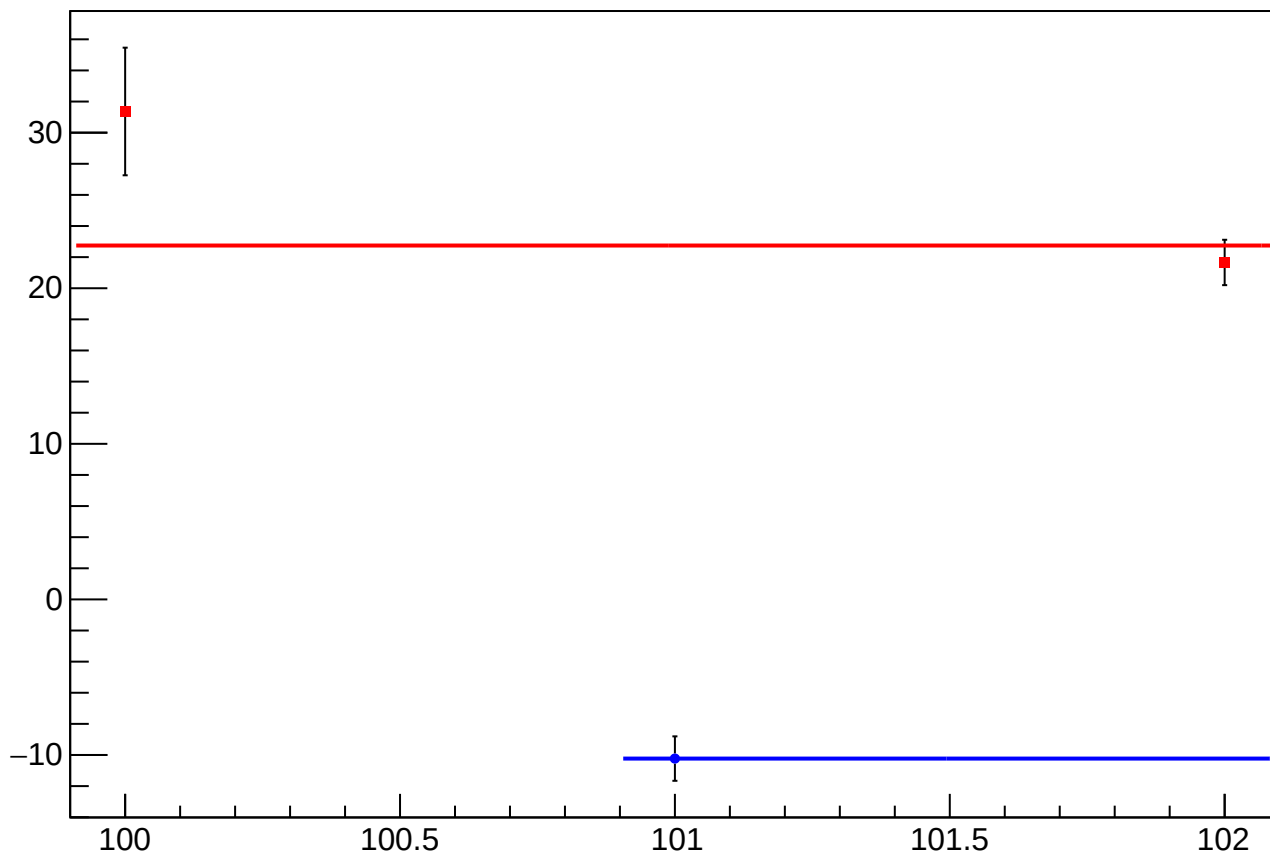
Right: 1021.937 $\pm$ 0.615 χ^2 /NDF: 136.2/2

In: 1017.778 $\pm$ 0.887 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1021.937 $\pm$ 0.615 χ^2 /NDF: 136.2/2

diff_bpm2i02X_mean vs Slug, Sign Corrected



Right In: -10.231 ± 1.428 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 22.746 ± 1.374 $\chi^2/\text{NDF}: 5.0/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

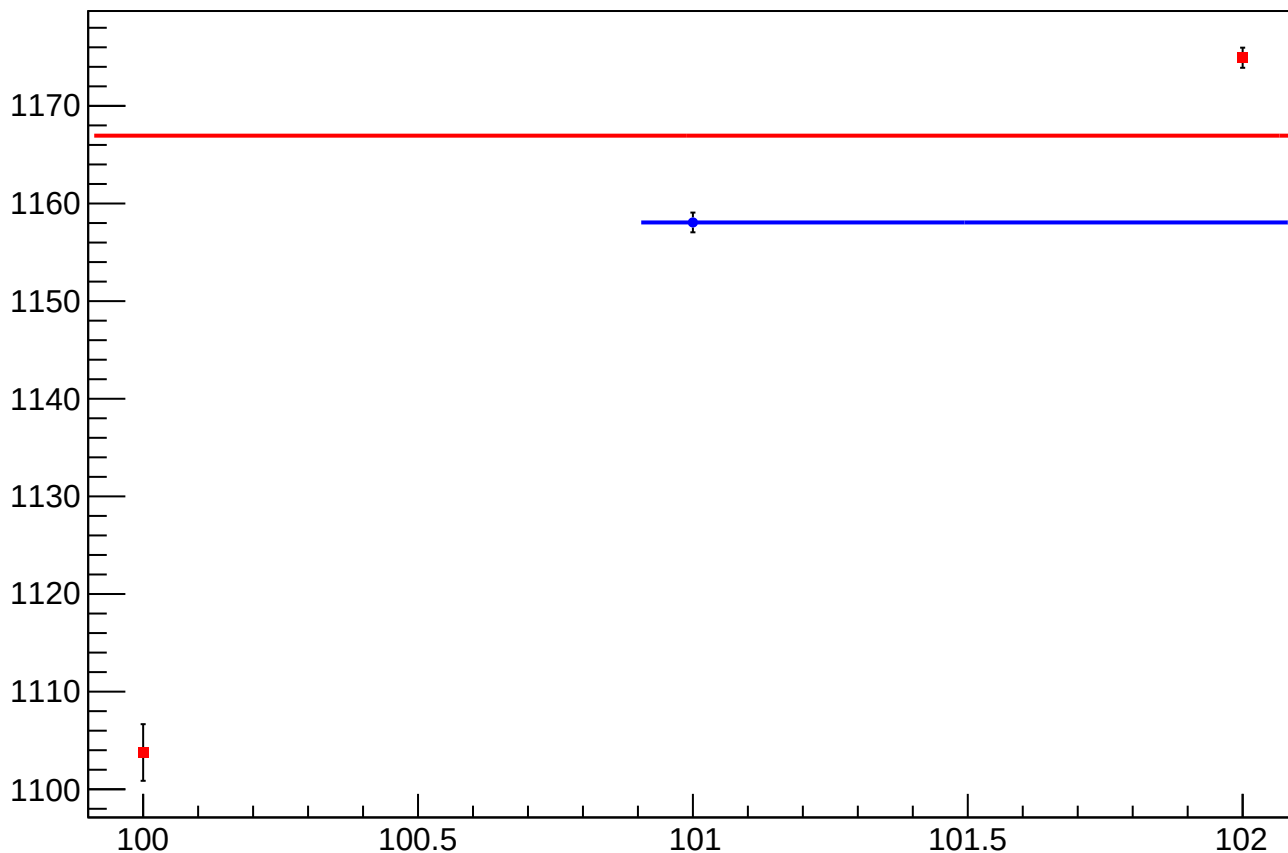
Right: 6.900 ± 0.990 $\chi^2/\text{NDF}: 281.9/2$

In: -10.231 ± 1.428 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 6.900 ± 0.990 $\chi^2/\text{NDF}: 281.9/2$

diff_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 1158.060 $\pm$ 1.010 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1166.950 $\pm$ 0.971 χ^2 /NDF: 534.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

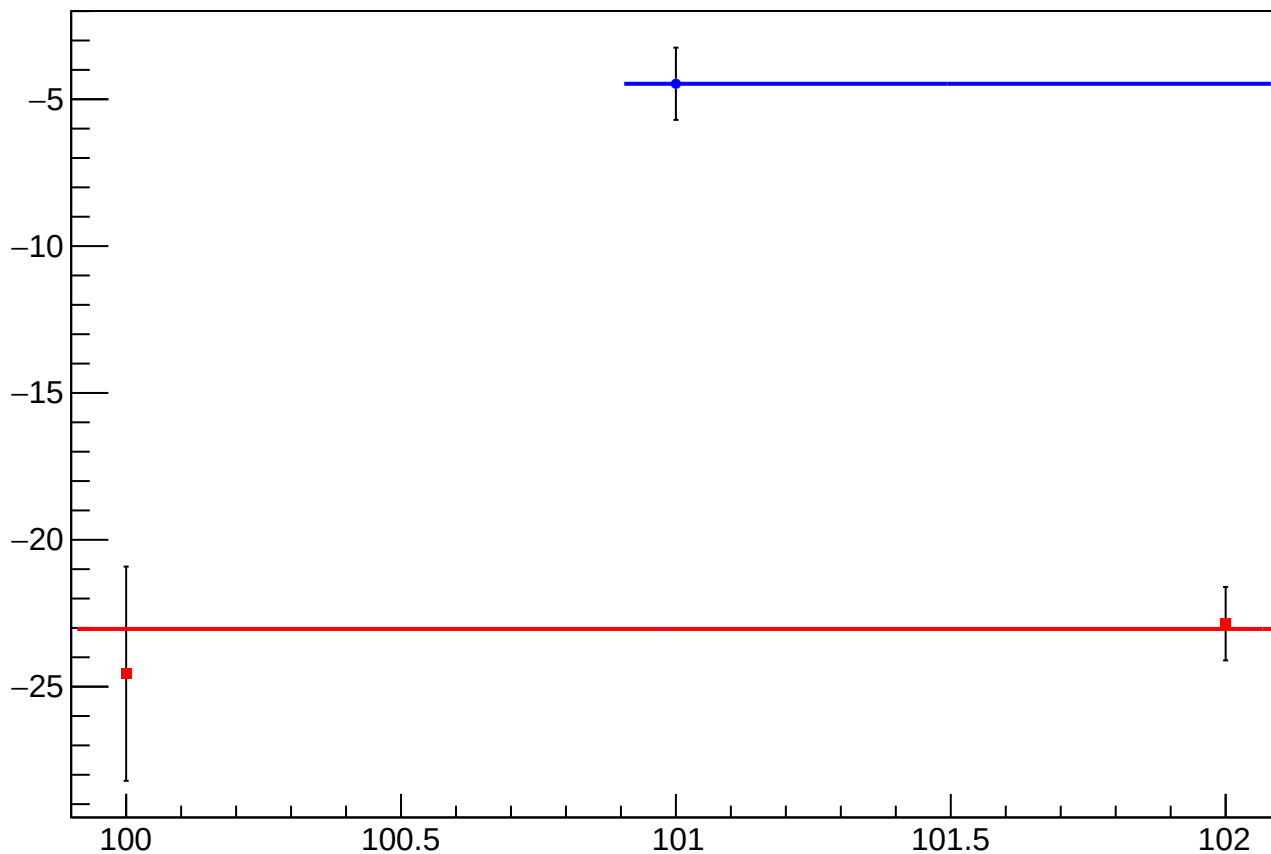
Right: 1162.678 $\pm$ 0.700 χ^2 /NDF: 574.9/2

In: 1158.060 $\pm$ 1.010 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1162.678 $\pm$ 0.700 χ^2 /NDF: 574.9/2

diff_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -4.473+/-1.229 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -23.035+/-1.182 χ^2 /NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

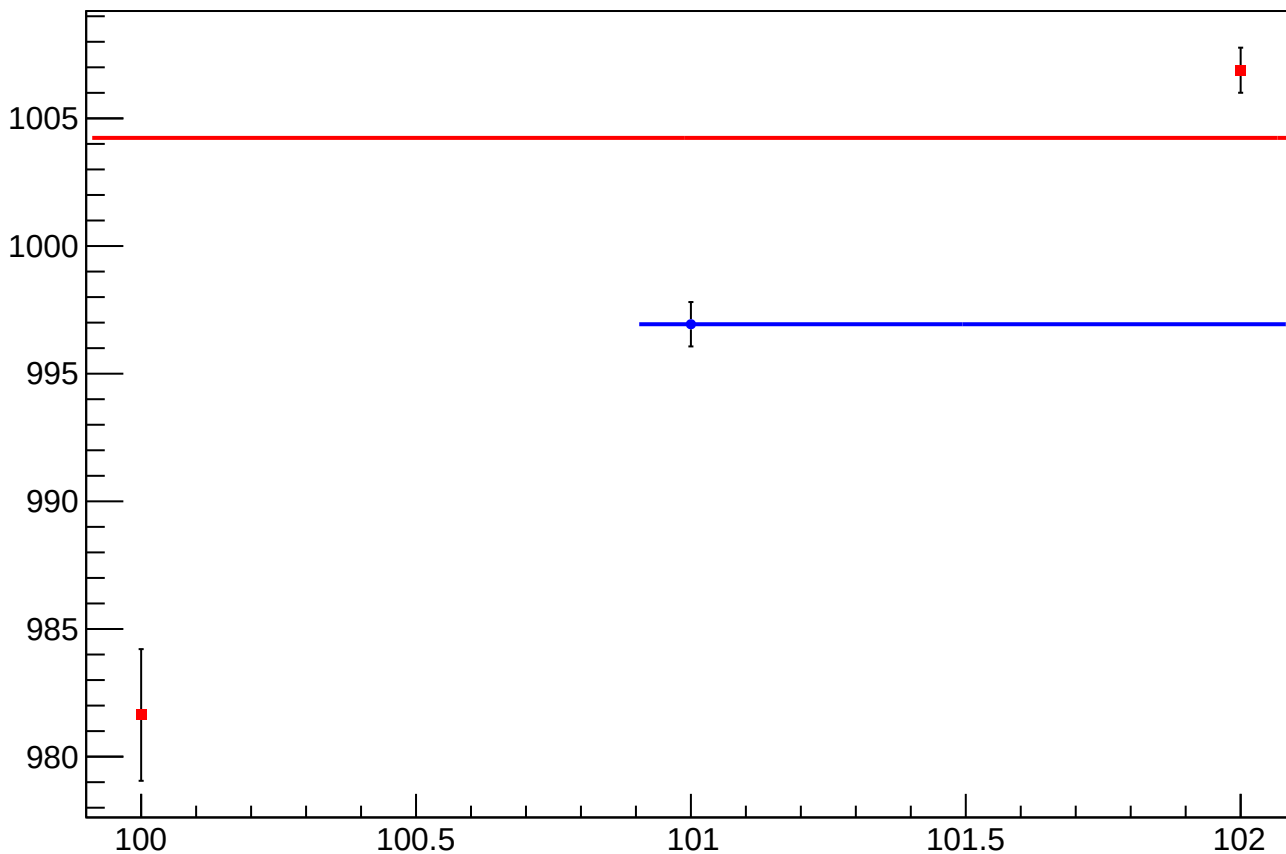
Right: -14.122+/-0.852 χ^2 /NDF: 118.7/2

In: -4.473+/-1.229 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -14.122+/-0.852 χ^2 /NDF: 118.7/2

diff_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 996.937 $\pm$ 0.869 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1004.236 $\pm$ 0.835 χ^2 /NDF: 85.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

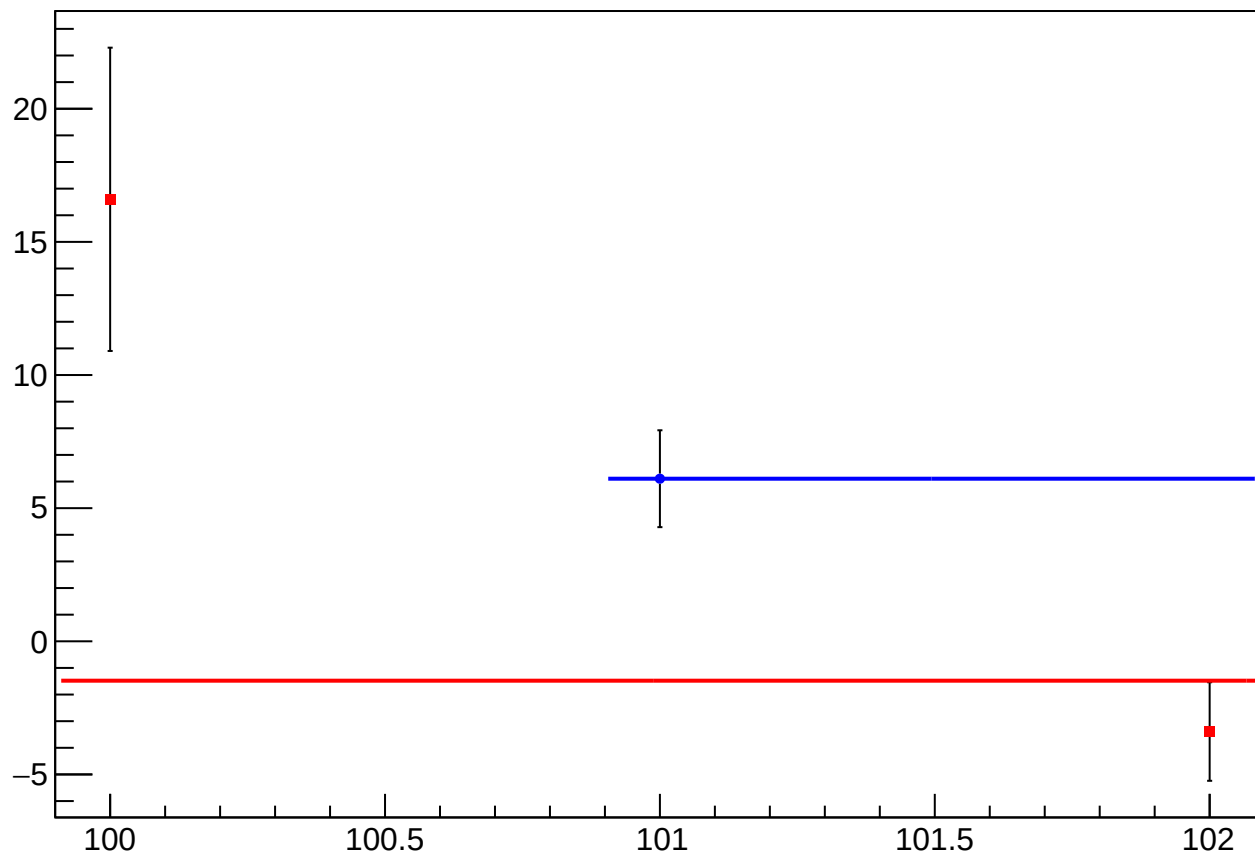
Right: 1000.731 $\pm$ 0.602 χ^2 /NDF: 122.5/2

In: 996.937 $\pm$ 0.869 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1000.731 $\pm$ 0.602 χ^2 /NDF: 122.5/2

diff_bpm0i02X_mean vs Slug, Sign Corrected



Right In: 6.106 $\pm$ 1.819 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.479 $\pm$ 1.760 χ^2 /NDF: 11.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

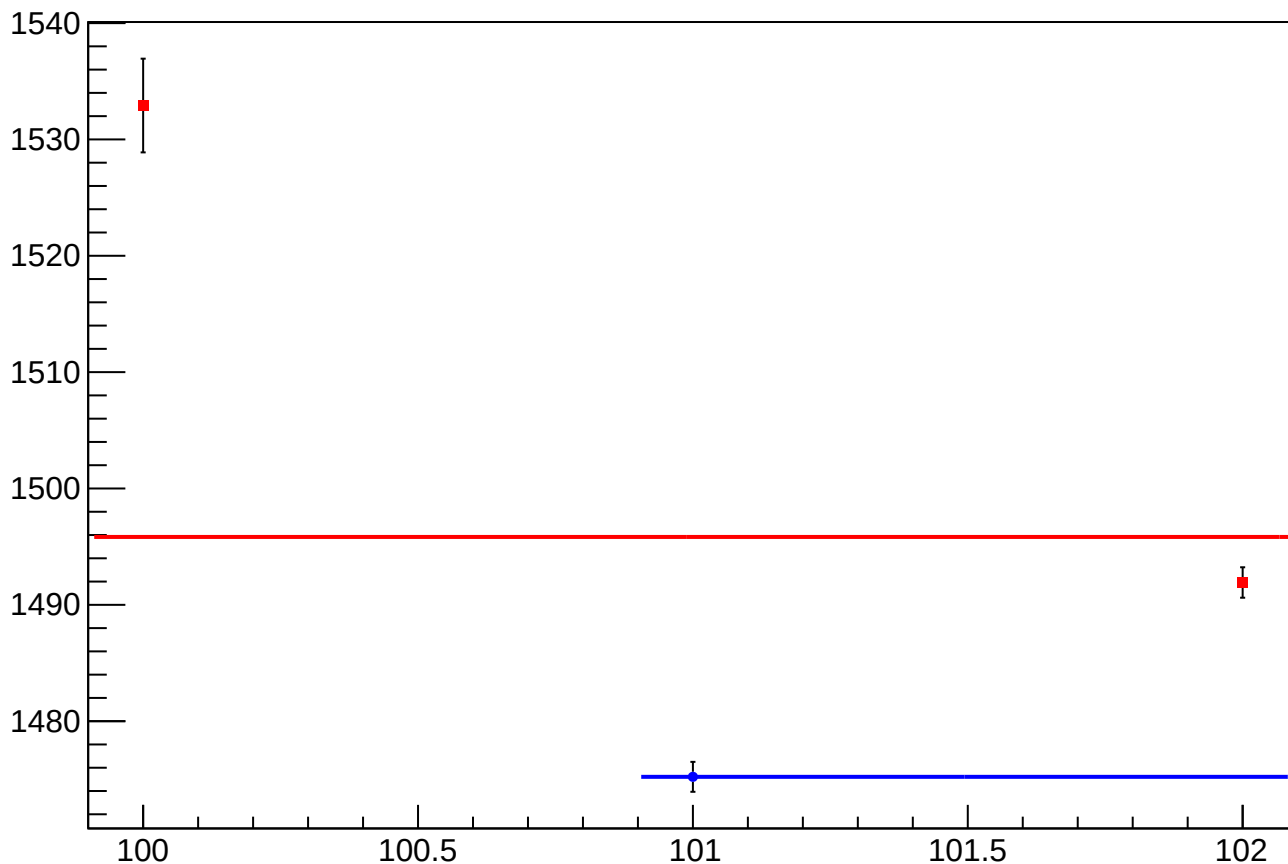
Right: 2.188 $\pm$ 1.265 χ^2 /NDF: 20.1/2

In: 6.106 $\pm$ 1.819 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.188 $\pm$ 1.265 χ^2 /NDF: 20.1/2

diff_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 1475.218 $\pm$ 1.286 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1495.835 $\pm$ 1.245 χ^2 /NDF: 93.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

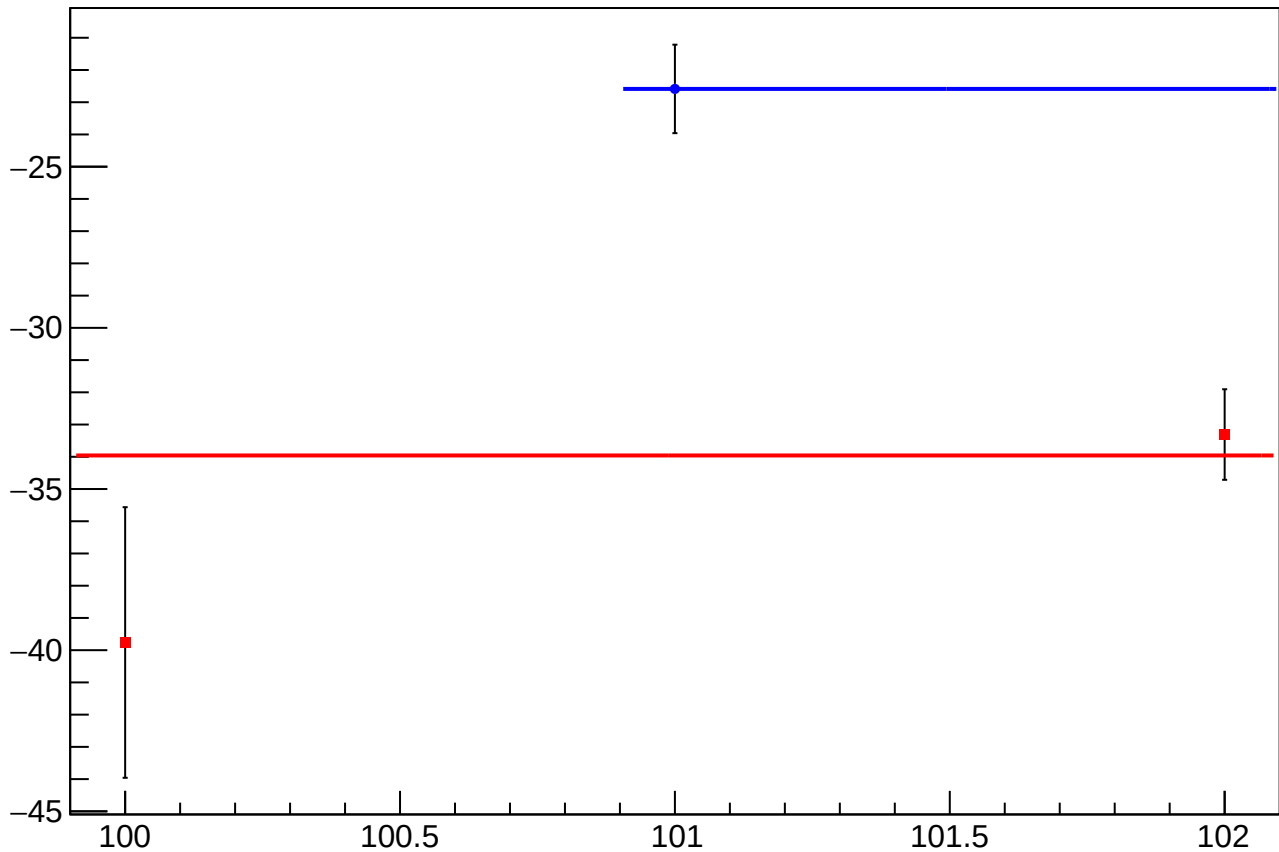
Right: 1485.866 $\pm$ 0.894 χ^2 /NDF: 226.4/2

In: 1475.218 $\pm$ 1.286 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1485.866 $\pm$ 0.894 χ^2 /NDF: 226.4/2

diff_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -22.587 $\pm$ 1.373 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -33.959 $\pm$ 1.332 χ^2 /NDF: 2.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

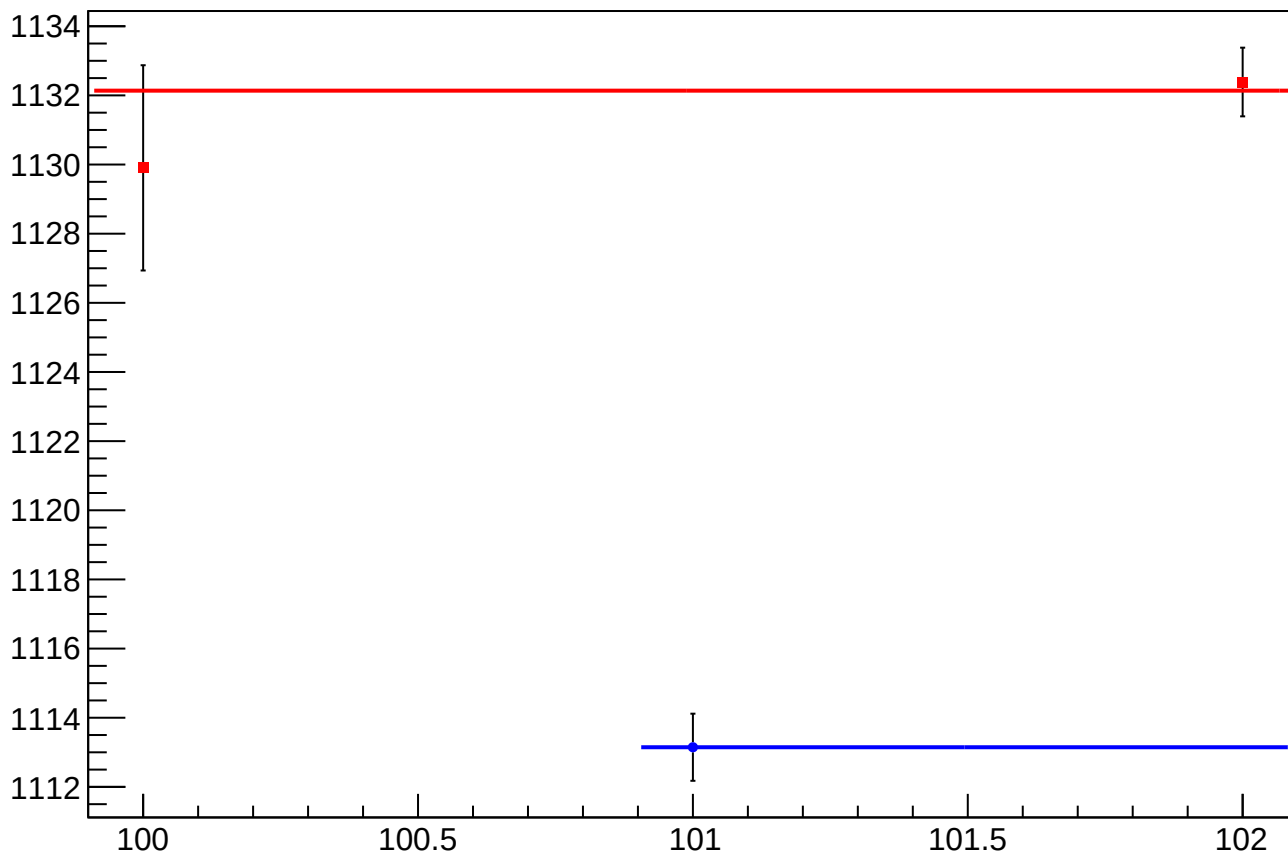
Right: -28.444 $\pm$ 0.956 χ^2 /NDF: 37.5/2

In: -22.587 $\pm$ 1.373 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -28.444 $\pm$ 0.956 χ^2 /NDF: 37.5/2

diff_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 1113.147 $\pm$ 0.971 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1132.137 $\pm$ 0.942 χ^2 /NDF: 0.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

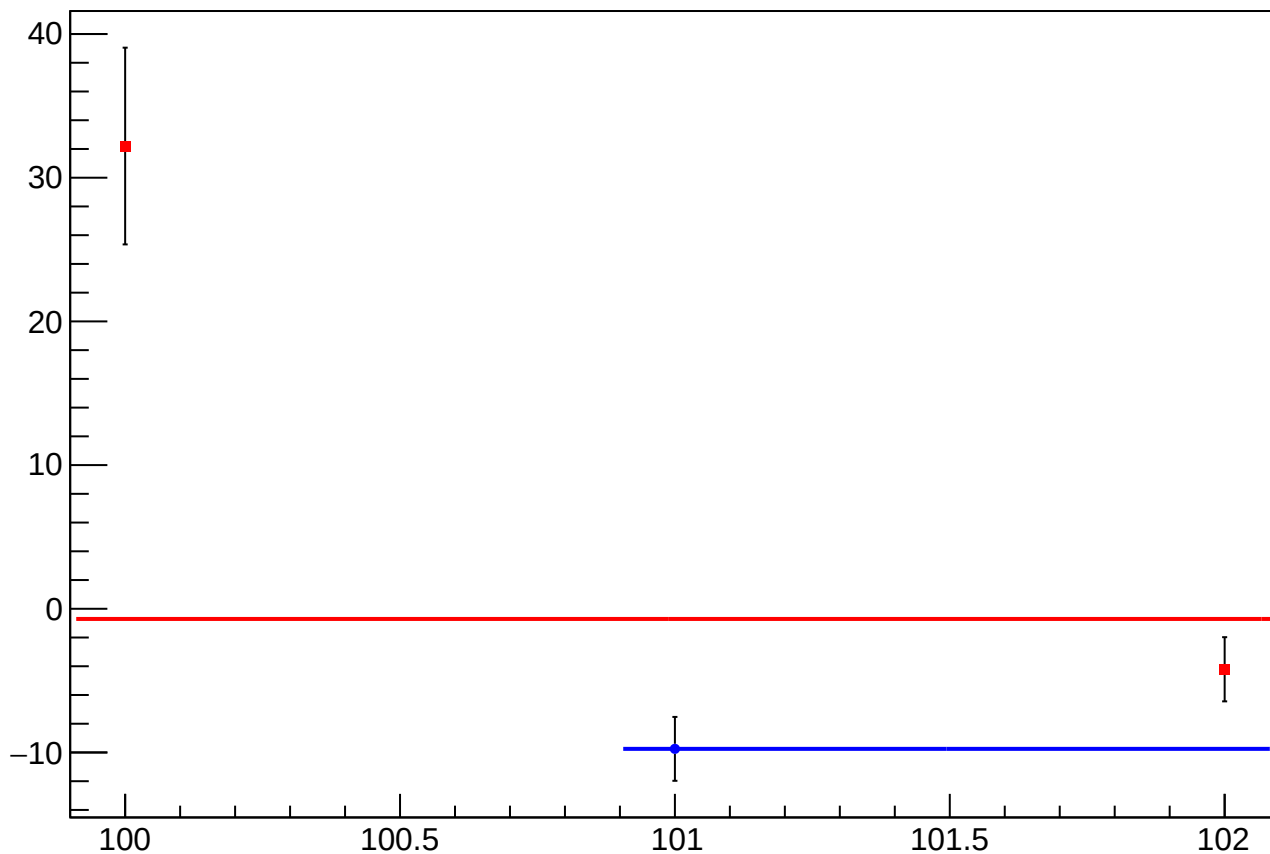
Right: 1122.926 $\pm$ 0.676 χ^2 /NDF: 197.8/2

In: 1113.147 $\pm$ 0.971 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1122.926 $\pm$ 0.676 χ^2 /NDF: 197.8/2

diff_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: -9.749+/-2.223 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.708+/-2.123 χ^2/NDF : 25.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

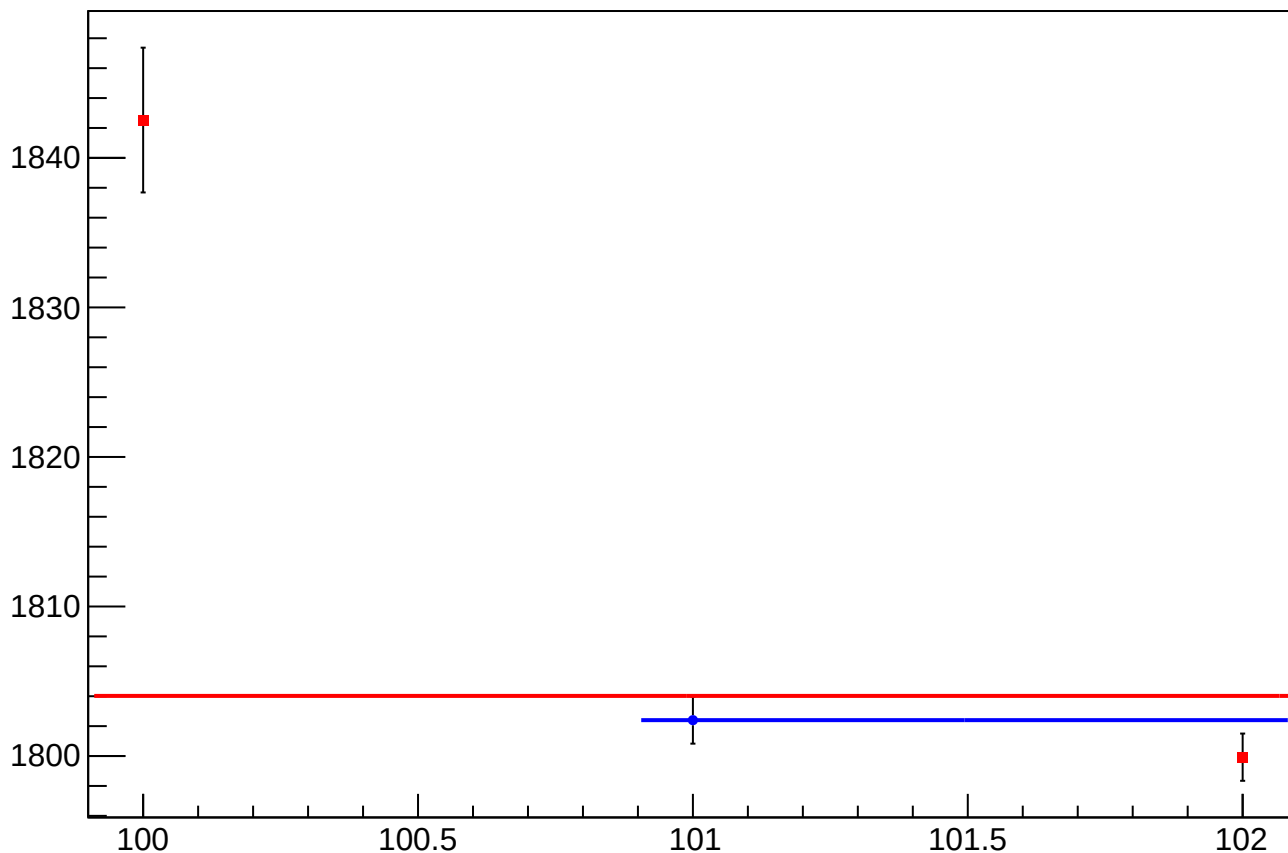
Right: -5.021+/-1.535 χ^2/NDF : 34.2/2

In: -9.749+/-2.223 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.021+/-1.535 χ^2/NDF : 34.2/2

diff_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 1802.400 ± 1.572 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1804.021 ± 1.501 $\chi^2/\text{NDF}: 70.0/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

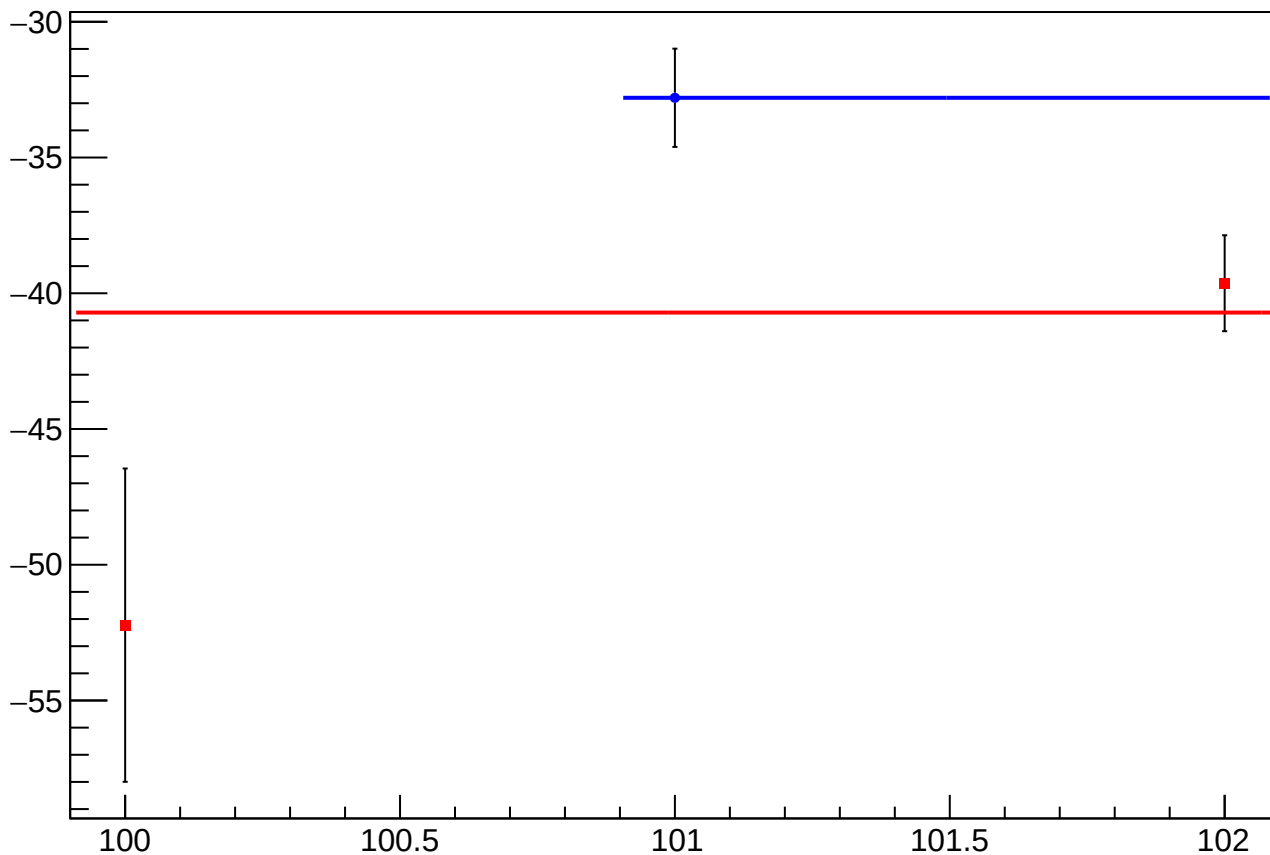
Right: 1803.248 ± 1.086 $\chi^2/\text{NDF}: 70.6/2$

In: 1802.400 ± 1.572 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 1803.248 ± 1.086 $\chi^2/\text{NDF}: 70.6/2$

diff_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -32.800+/-1.809 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -40.710+/-1.690 χ^2/NDF : 4.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

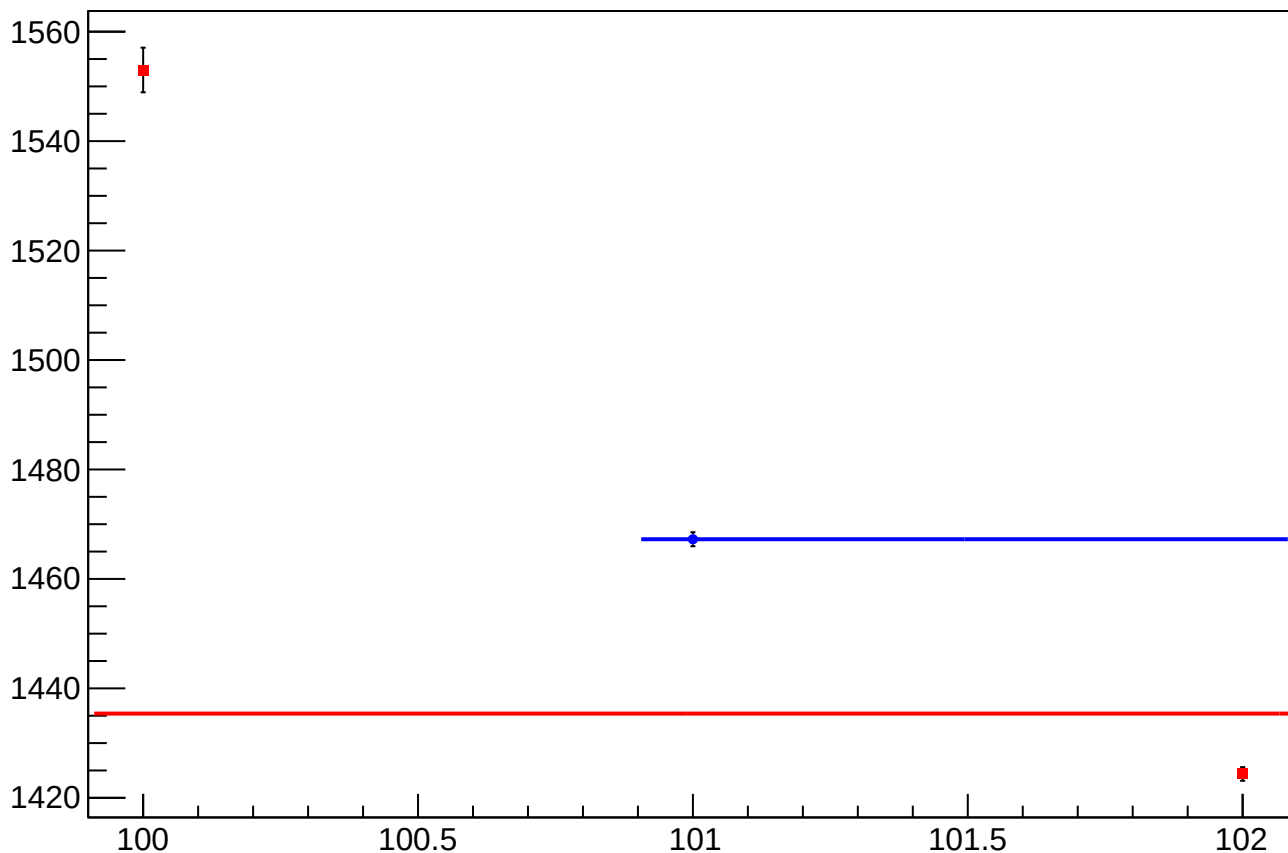
Right: -37.025+/-1.235 χ^2/NDF : 14.6/2

In: -32.800+/-1.809 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.025+/-1.235 χ^2/NDF : 14.6/2

diff_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 1467.252 $\pm$ 1.279 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1435.392 $\pm$ 1.195 χ^2 /NDF: 908.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

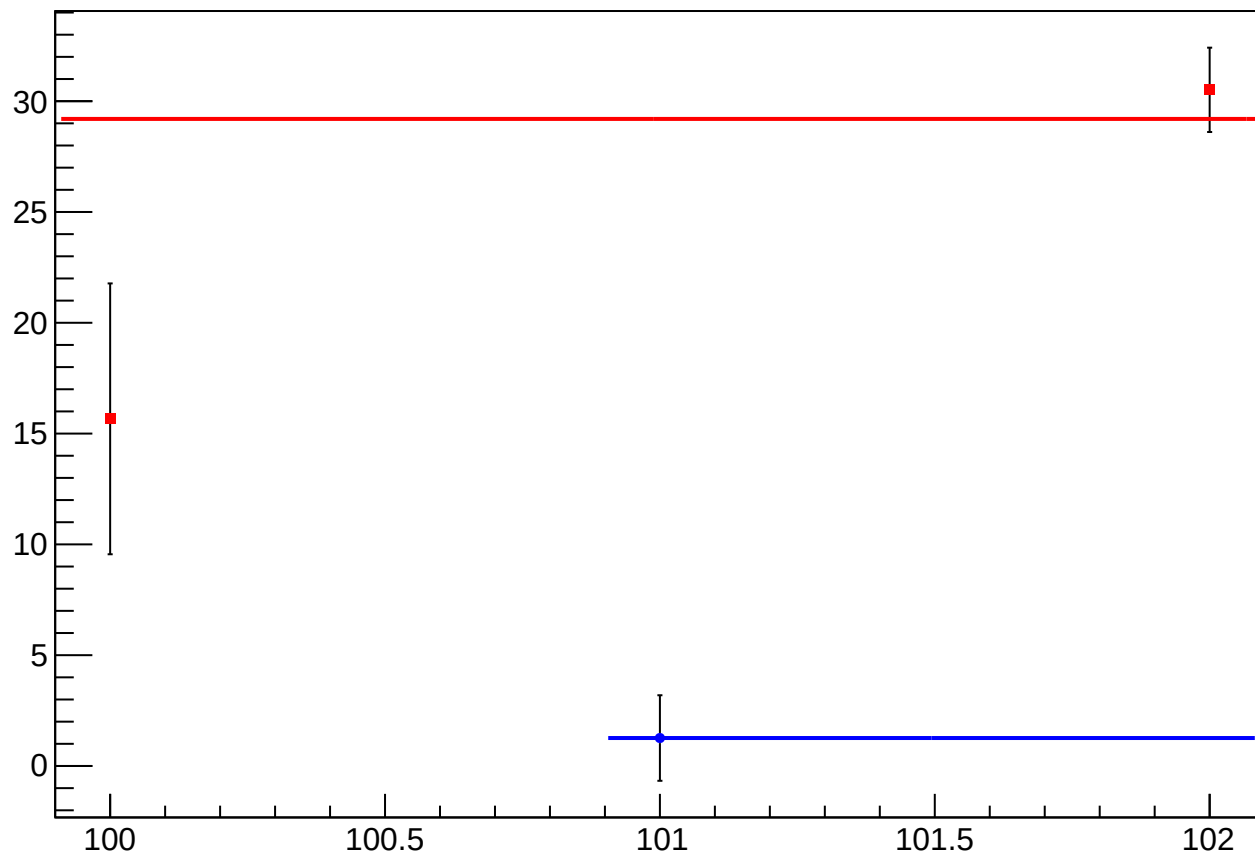
Right: 1450.233 $\pm$ 0.873 χ^2 /NDF: 1240.0/2

In: 1467.252 $\pm$ 1.279 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1450.233 $\pm$ 0.873 χ^2 /NDF: 1240.0/2

diff_bpm0i05X_mean vs Slug, Sign Corrected



Right In: 1.262+/-1.930 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.199+/-1.817 χ^2/NDF : 5.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

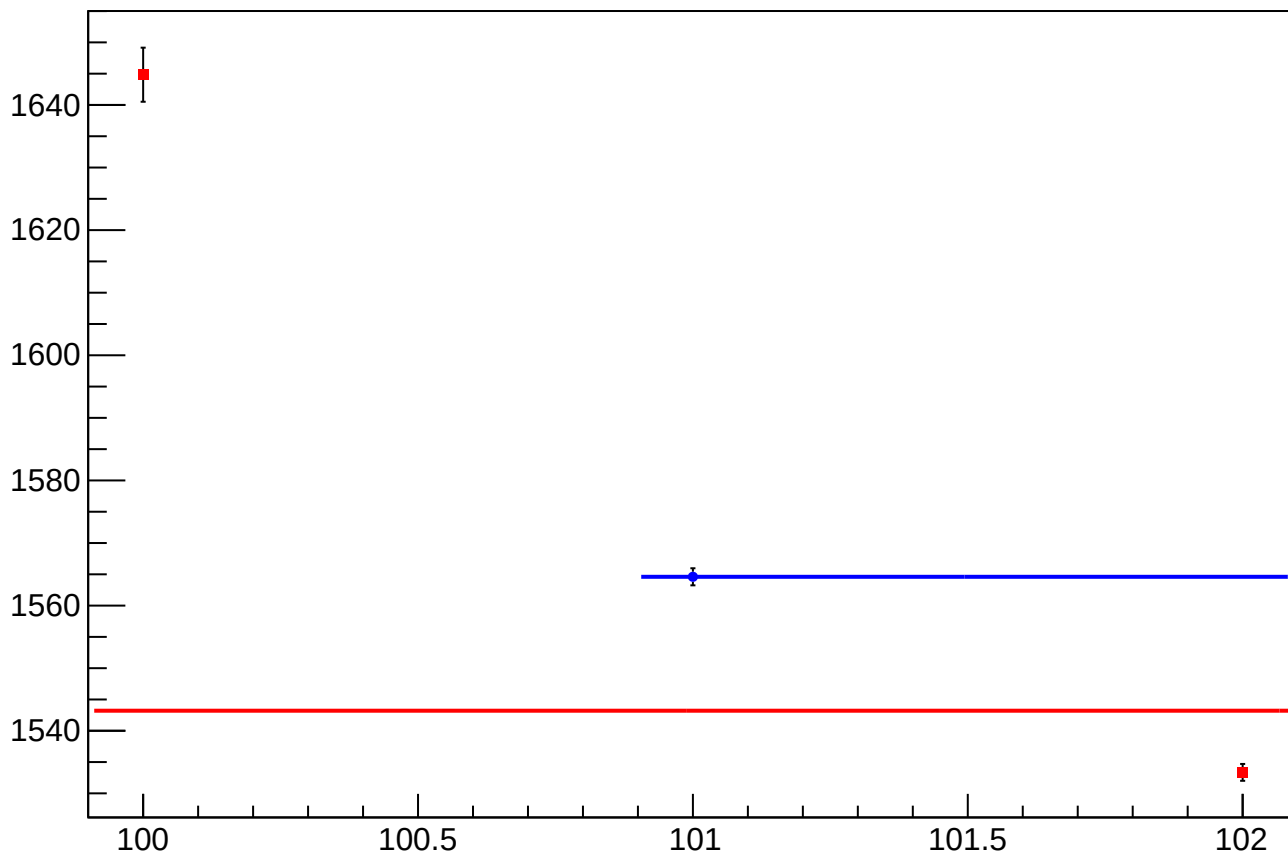
Right: 16.076+/-1.323 χ^2/NDF : 116.4/2

In: 1.262+/-1.930 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.076+/-1.323 χ^2/NDF : 116.4/2

diff_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 1564.603 $\pm$ 1.365 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1543.205 $\pm$ 1.285 χ^2 /NDF: 606.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

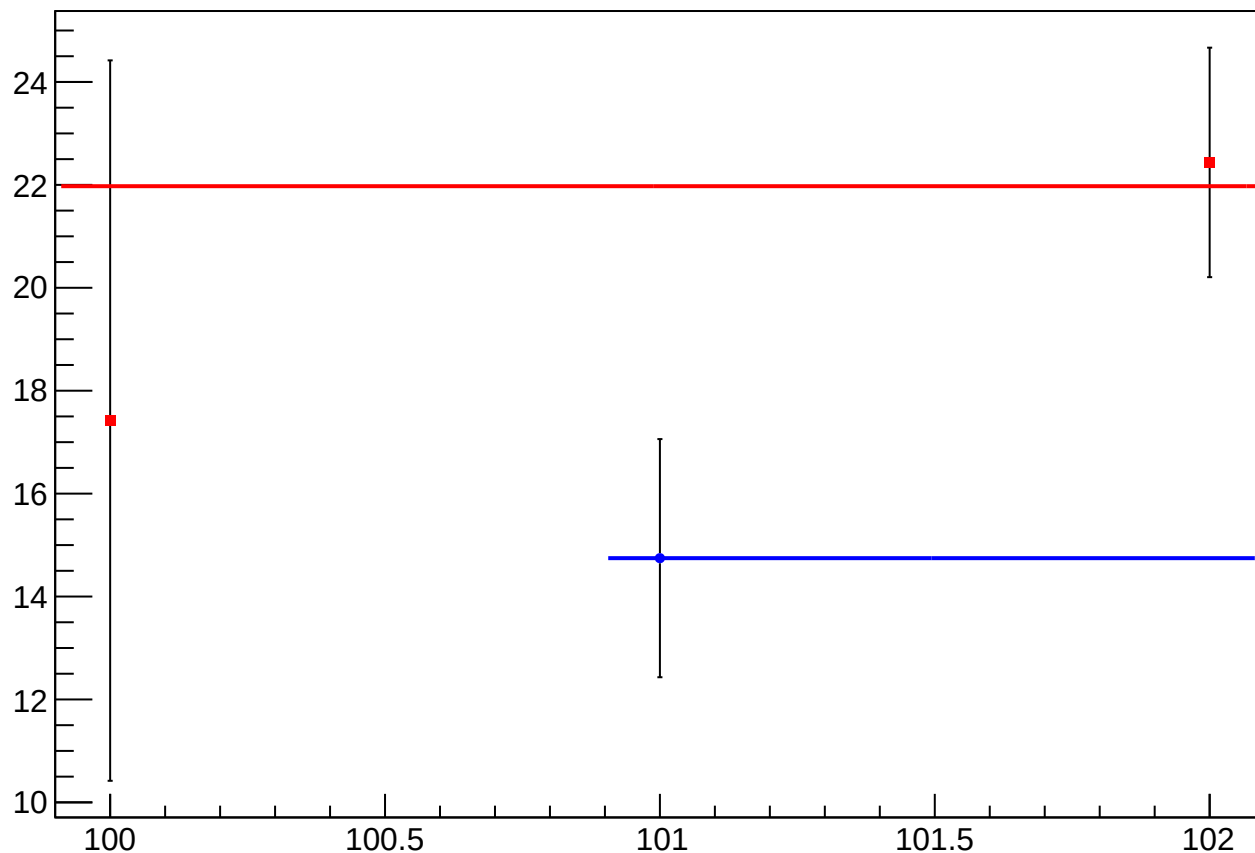
Right: 1553.257 $\pm$ 0.936 χ^2 /NDF: 737.0/2

In: 1564.603 $\pm$ 1.365 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1553.257 $\pm$ 0.936 χ^2 /NDF: 737.0/2

diff_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: 14.746 $\pm$ 2.314 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.974 $\pm$ 2.125 χ^2 /NDF: 0.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

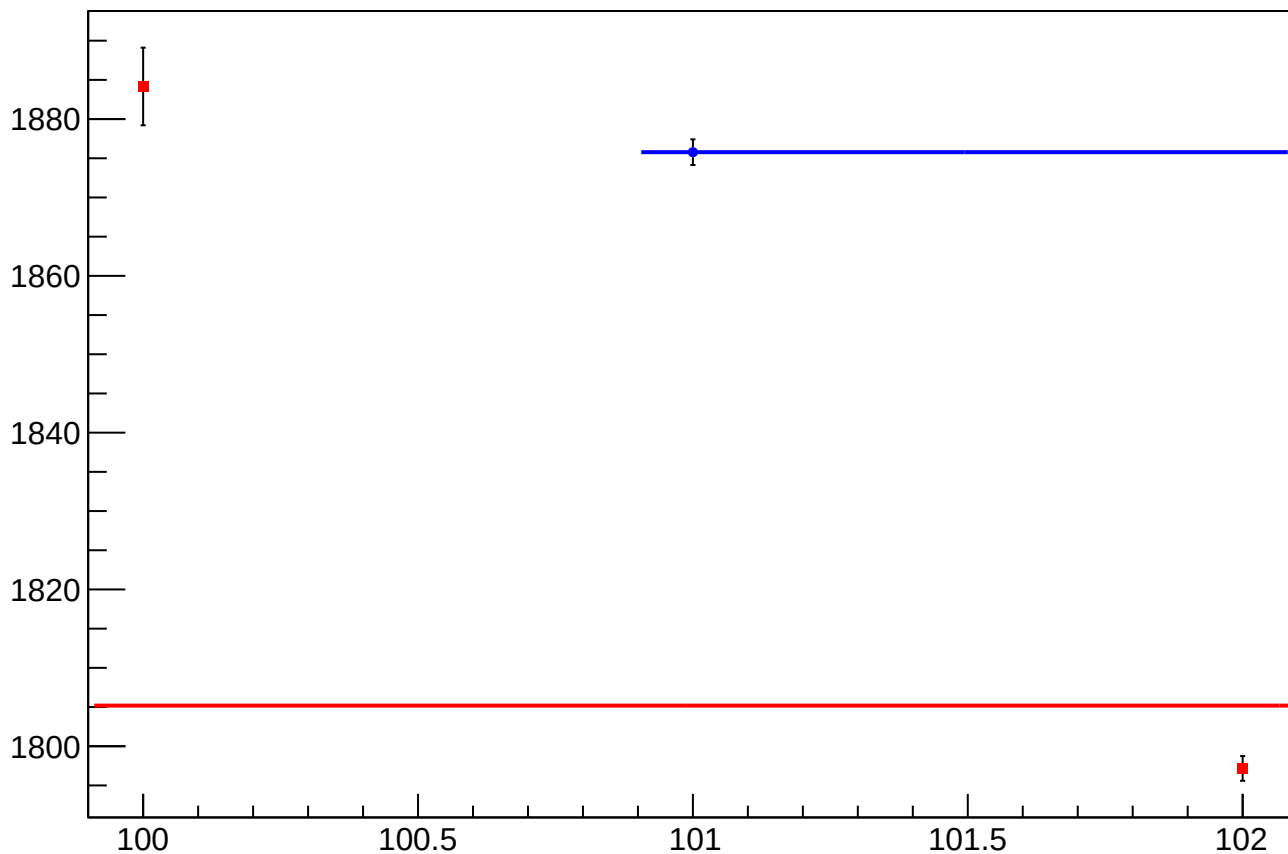
Right: 18.668 $\pm$ 1.565 χ^2 /NDF: 5.8/2

In: 14.746 $\pm$ 2.314 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.668 $\pm$ 1.565 χ^2 /NDF: 5.8/2

diff_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 1875.778 $\pm$ 1.636 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1805.182 $\pm$ 1.502 χ^2 /NDF: 280.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

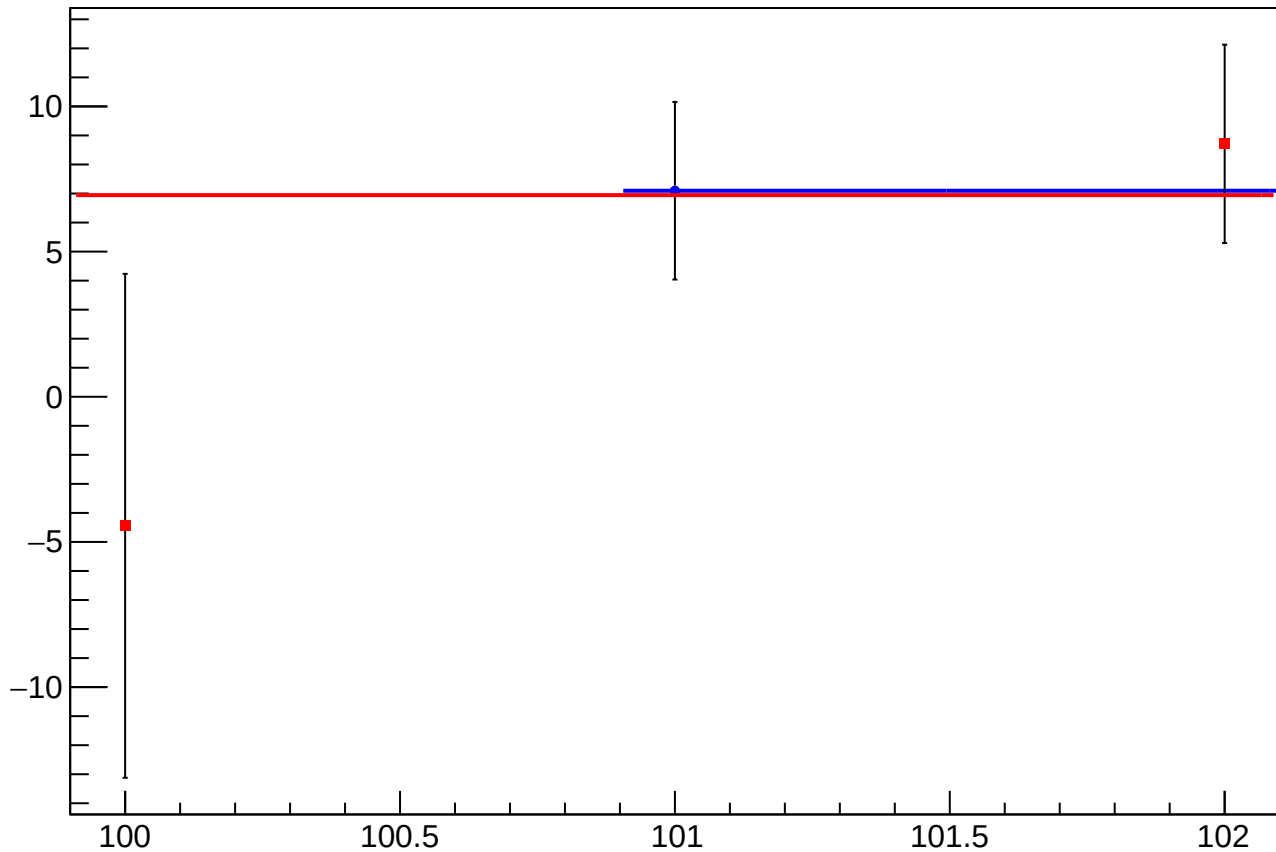
Right: 1837.472 $\pm$ 1.107 χ^2 /NDF: 1290.4/2

In: 1875.778 $\pm$ 1.636 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1837.472 $\pm$ 1.107 χ^2 /NDF: 1290.4/2

diff_bpm0i07X_mean vs Slug, Sign Corrected



Right In: 7.096+/-3.059 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.945+/-3.179 χ^2/NDF : 2.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

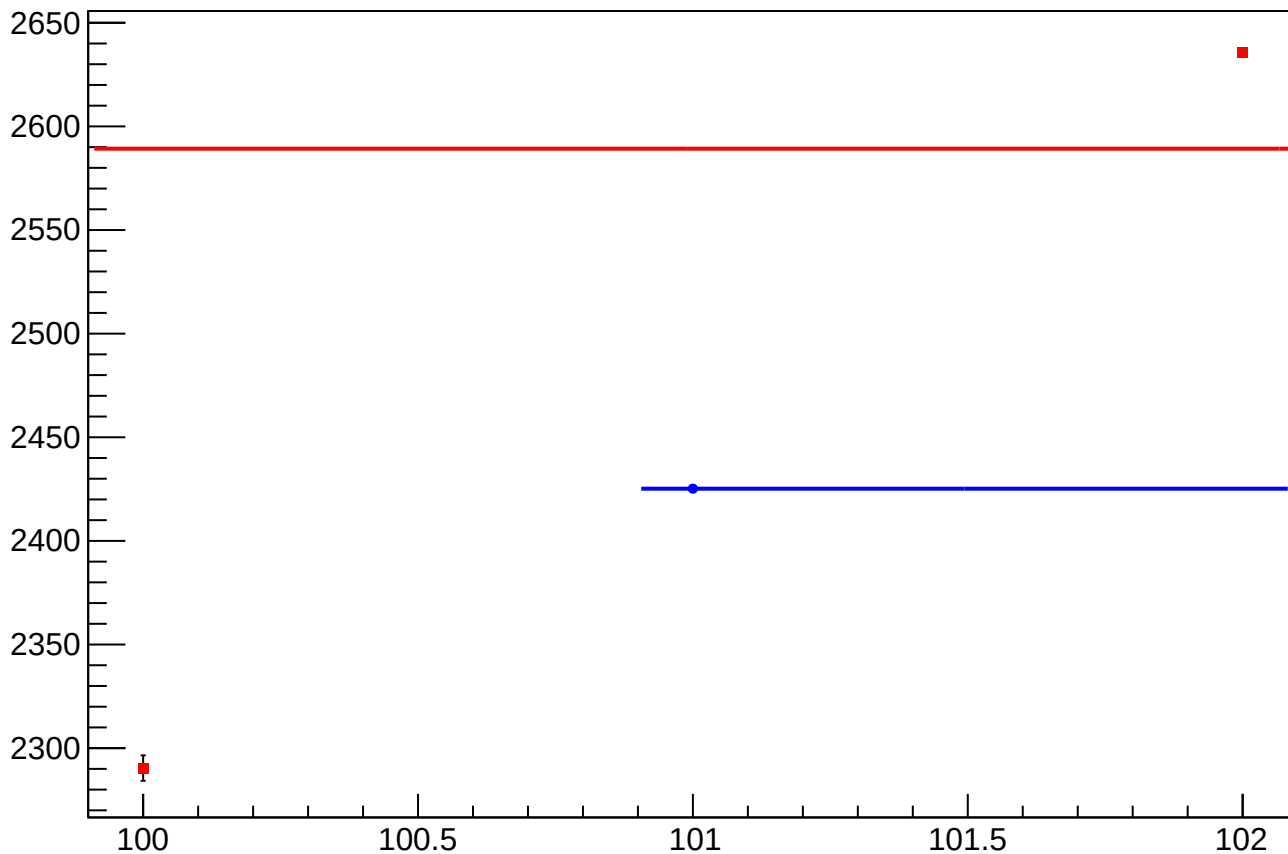
Right: 7.024+/-2.204 χ^2/NDF : 2.0/2

In: 7.096+/-3.059 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.024+/-2.204 χ^2/NDF : 2.0/2

diff_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 2425.195 $\pm$ 2.163 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2589.256 $\pm$ 2.248 χ^2 /NDF: 2739.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

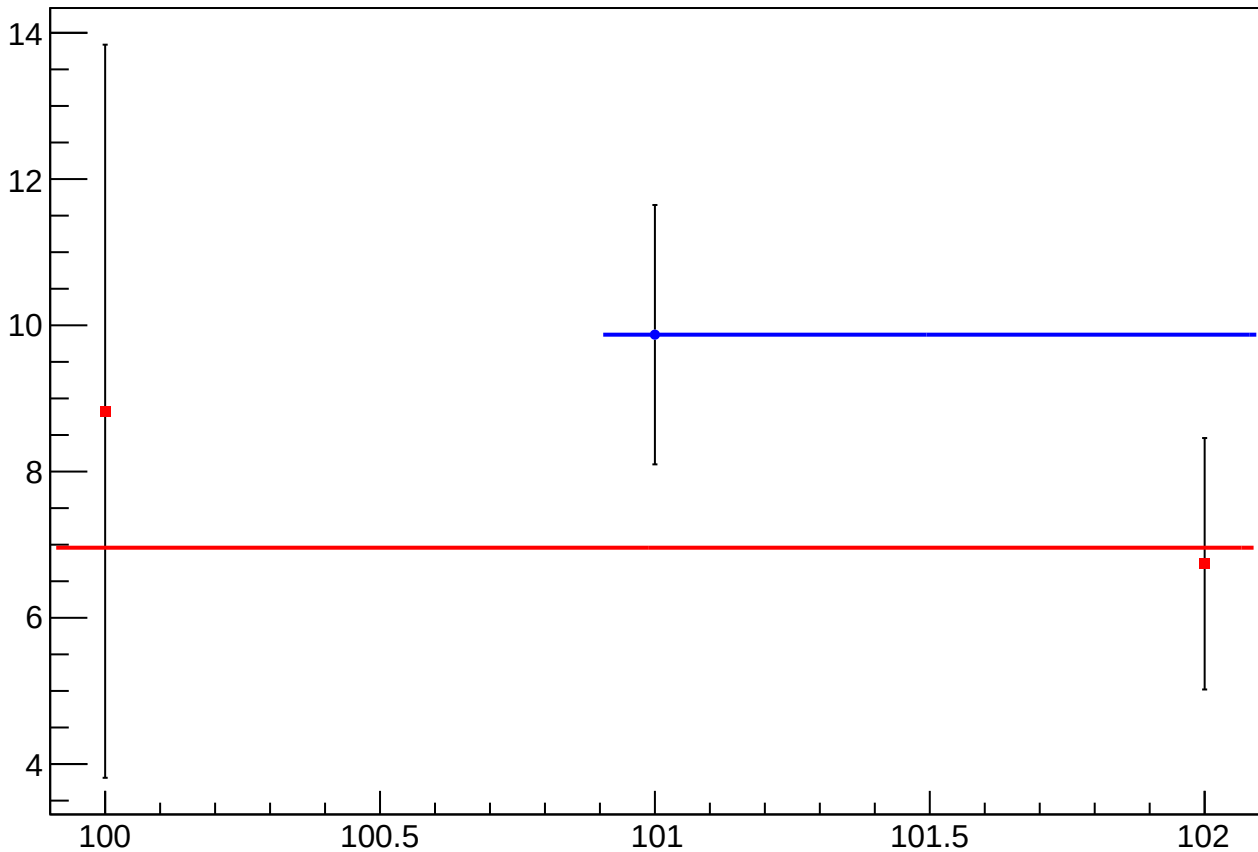
Right: 2504.068 $\pm$ 1.559 χ^2 /NDF: 5506.0/2

In: 2425.195 $\pm$ 2.163 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2504.068 $\pm$ 1.559 χ^2 /NDF: 5506.0/2

diff_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 9.872 $\pm$ 1.774 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.959 $\pm$ 1.626 χ^2 /NDF: 0.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

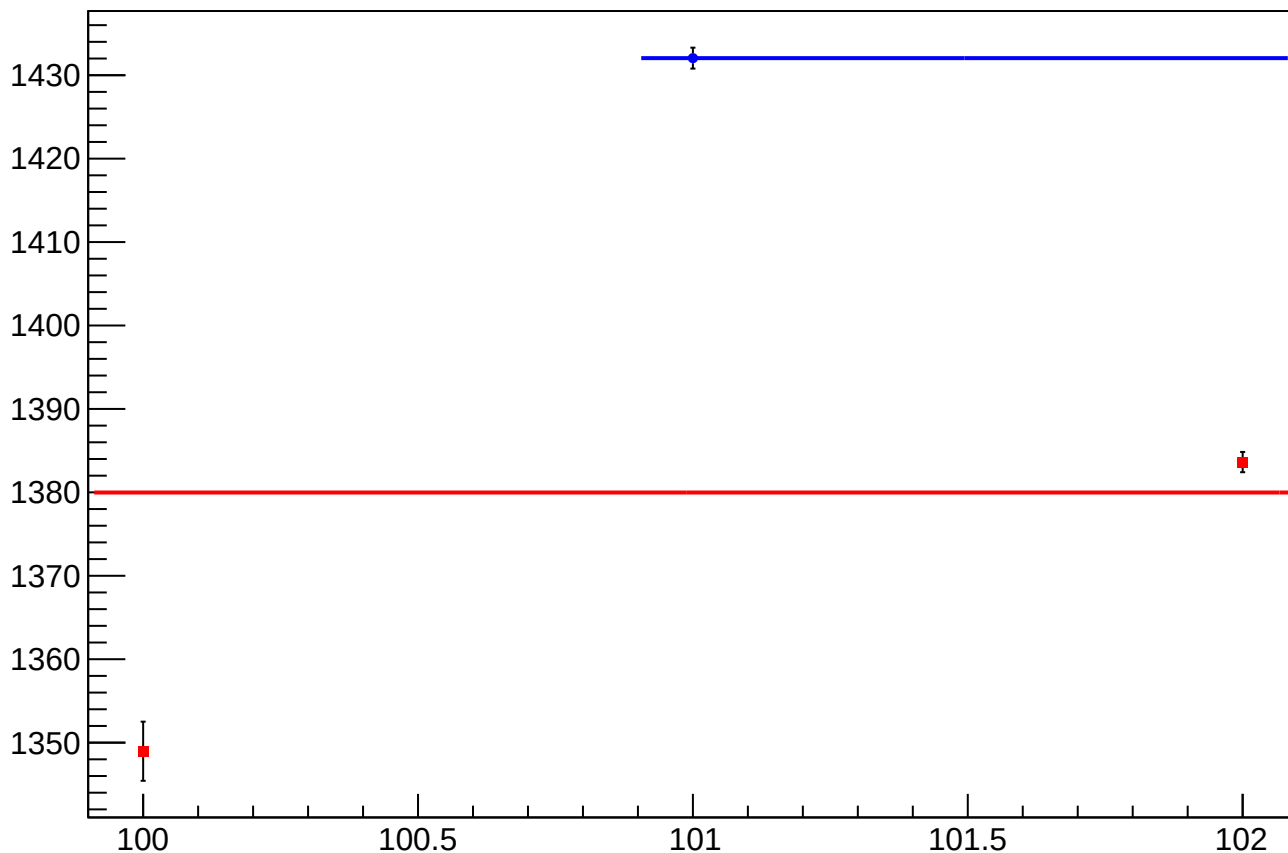
Right: 8.289 $\pm$ 1.199 χ^2 /NDF: 1.6/2

In: 9.872 $\pm$ 1.774 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.289 $\pm$ 1.199 χ^2 /NDF: 1.6/2

diff_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 1432.047+/-1.254 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1379.981+/-1.150 χ^2/NDF : 85.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

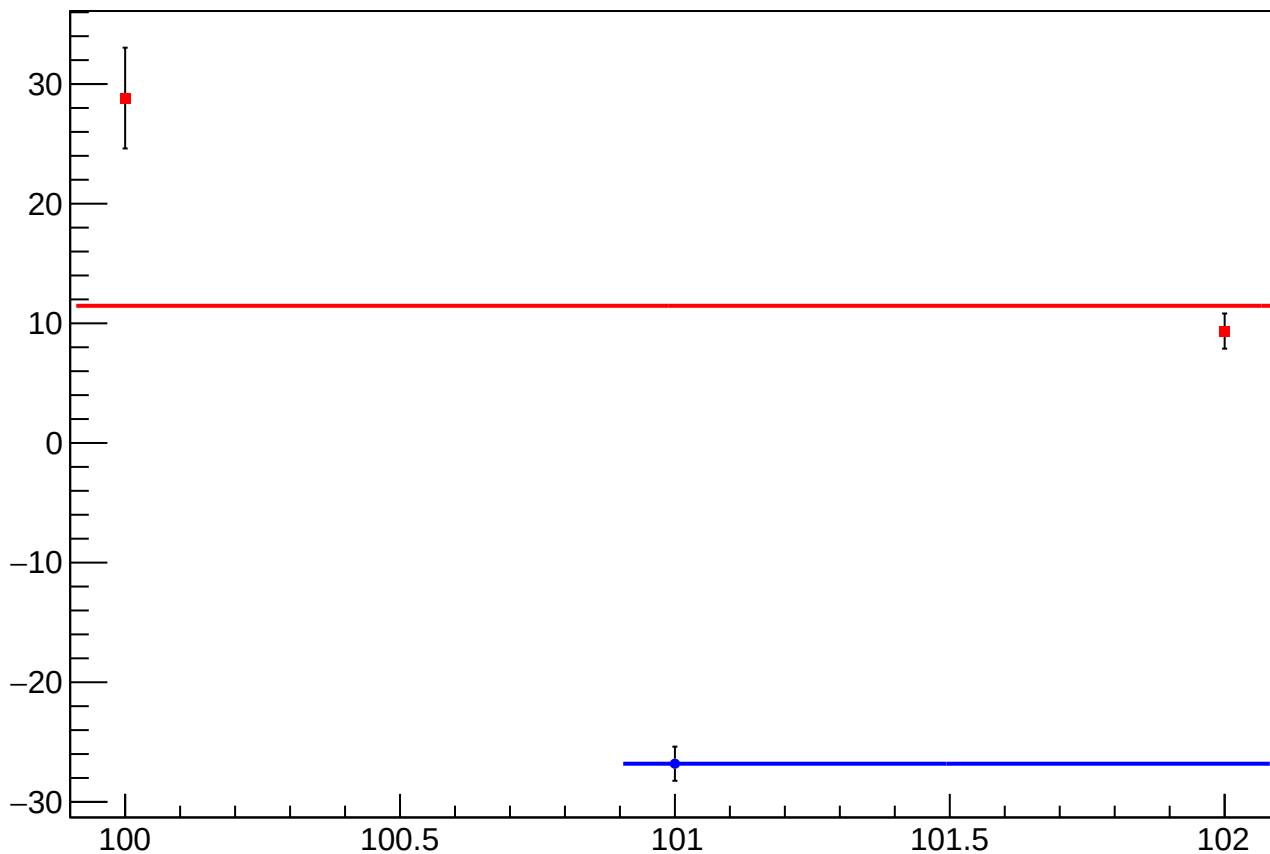
Right: 1403.765+/-0.848 χ^2/NDF : 1021.9/2

In: 1432.047+/-1.254 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1403.765+/-0.848 χ^2/NDF : 1021.9/2

diff_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -26.809 $\pm$ 1.428 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.465 $\pm$ 1.387 χ^2 /NDF: 19.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

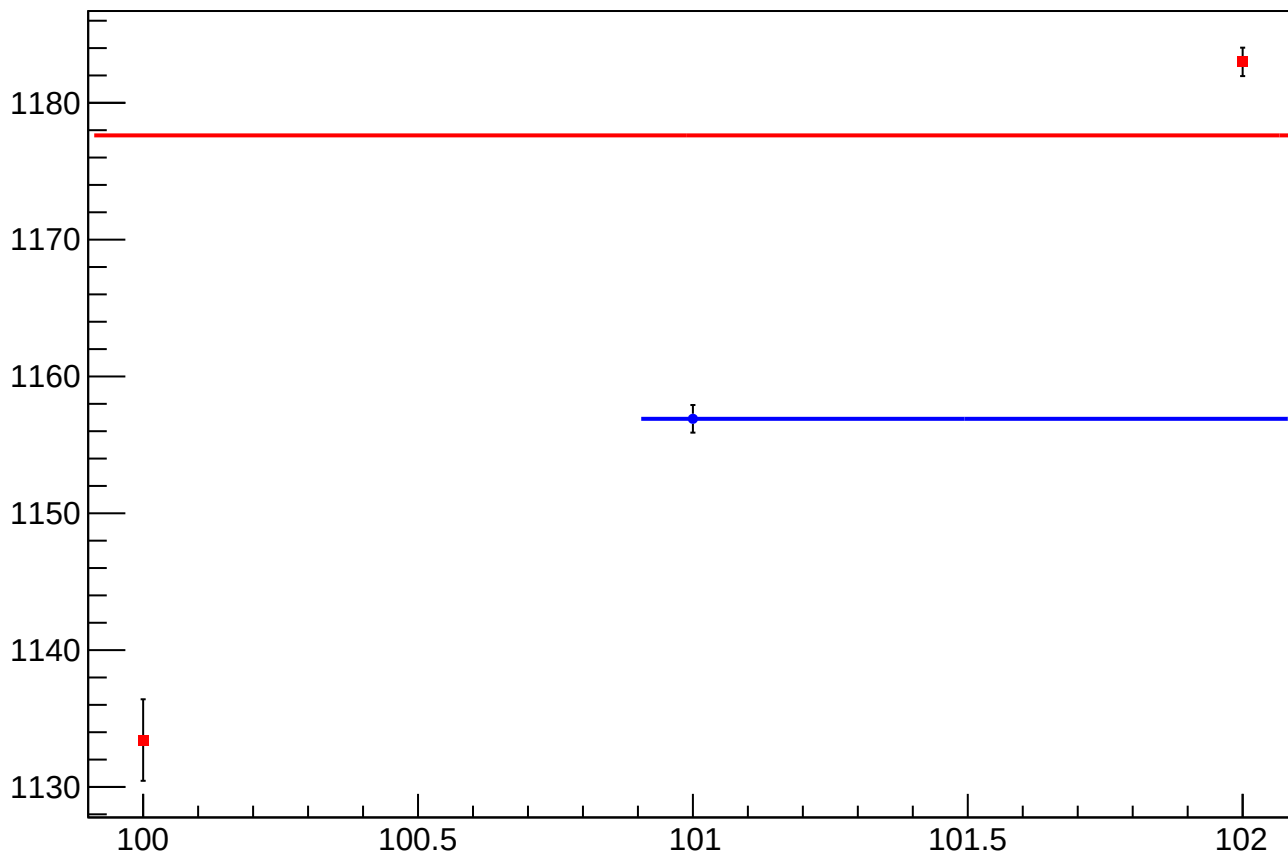
Right: -7.120 $\pm$ 0.995 χ^2 /NDF: 388.8/2

In: -26.809 $\pm$ 1.428 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -7.120 $\pm$ 0.995 χ^2 /NDF: 388.8/2

diff_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 1156.905+/-1.009 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1177.620+/-0.981 χ^2/NDF : 246.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

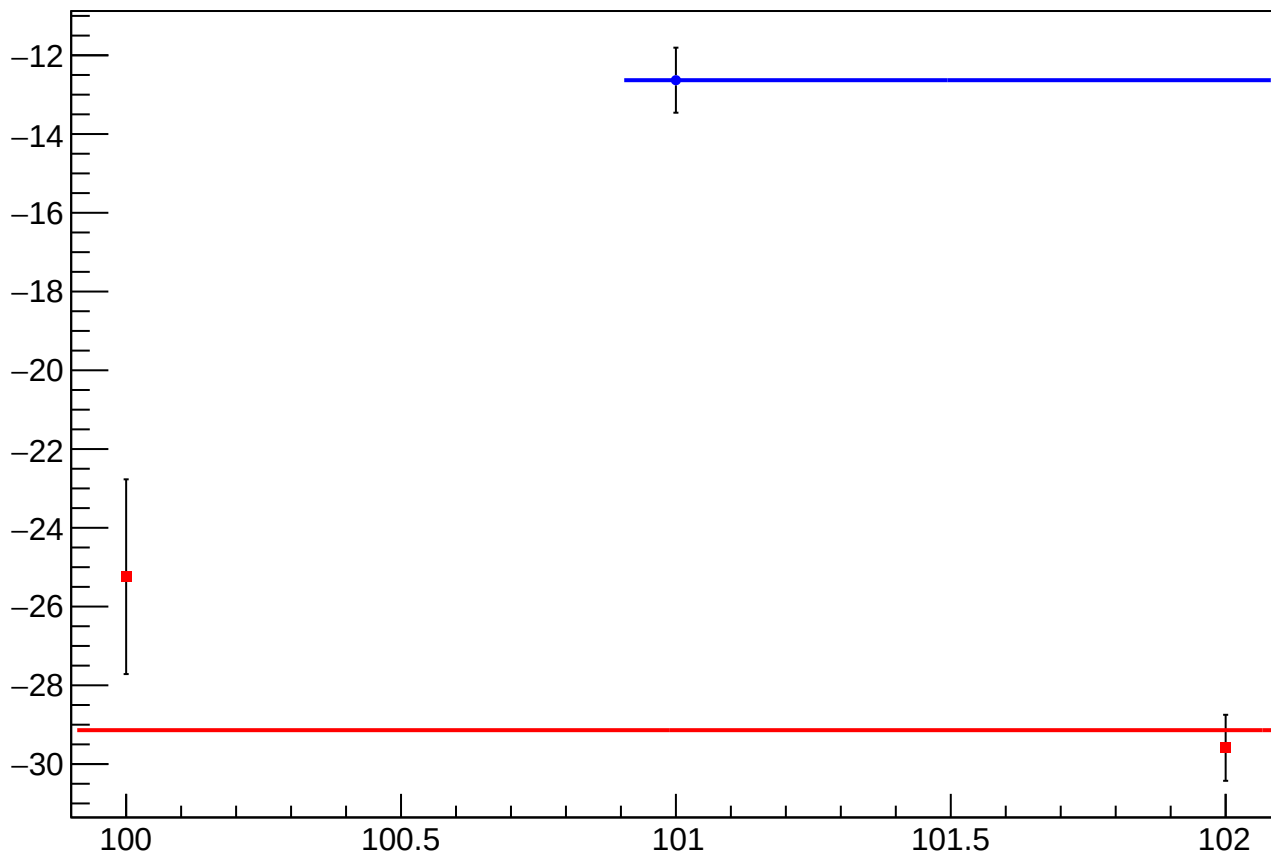
Right: 1167.561+/-0.703 χ^2/NDF : 463.5/2

In: 1156.905+/-1.009 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1167.561+/-0.703 χ^2/NDF : 463.5/2

diff_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: -12.633 $\pm$ 0.826 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -29.139 $\pm$ 0.794 χ^2 /NDF: 2.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

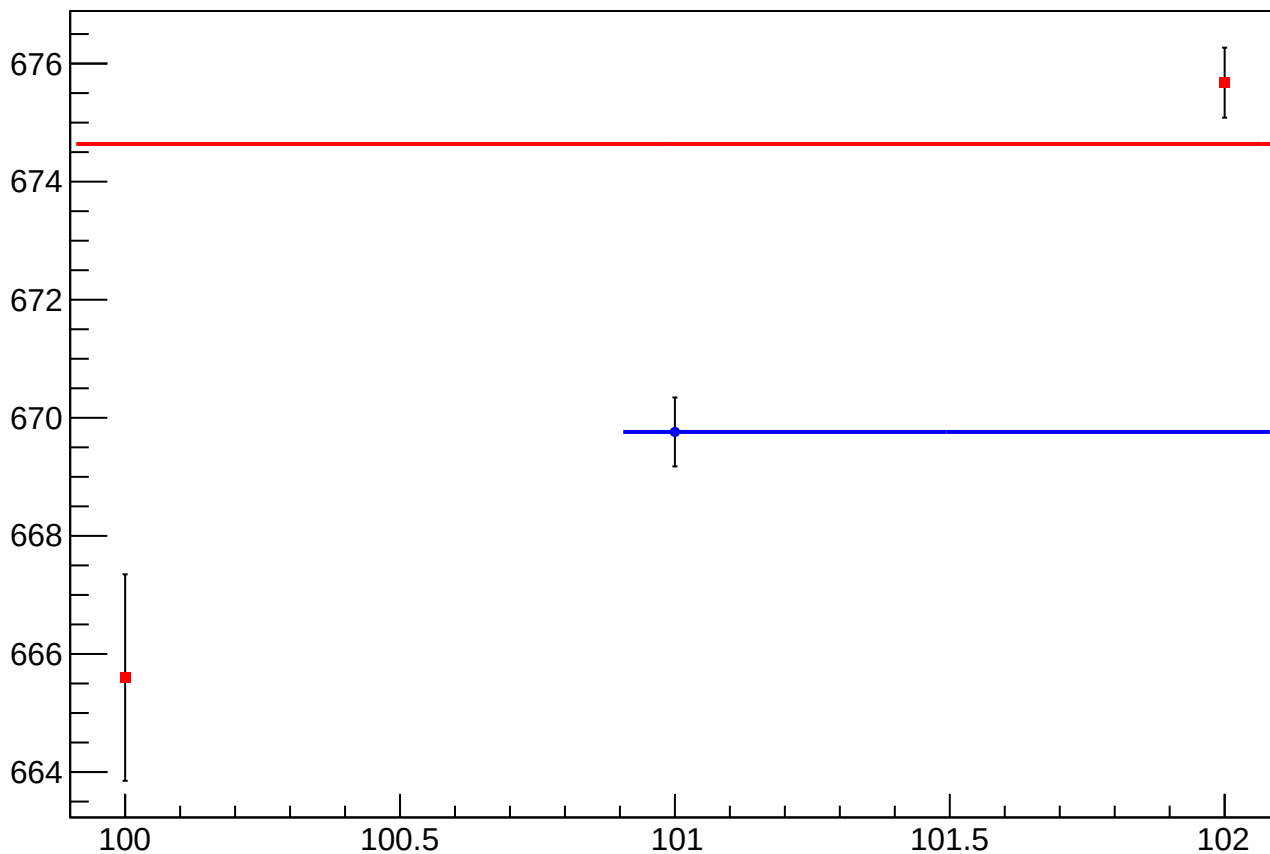
Right: -21.213 $\pm$ 0.572 χ^2 /NDF: 210.4/2

In: -12.633 $\pm$ 0.826 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -21.213 $\pm$ 0.572 χ^2 /NDF: 210.4/2

diff_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 669.761 $\pm$ 0.584 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 674.639 $\pm$ 0.561 χ^2 /NDF: 29.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

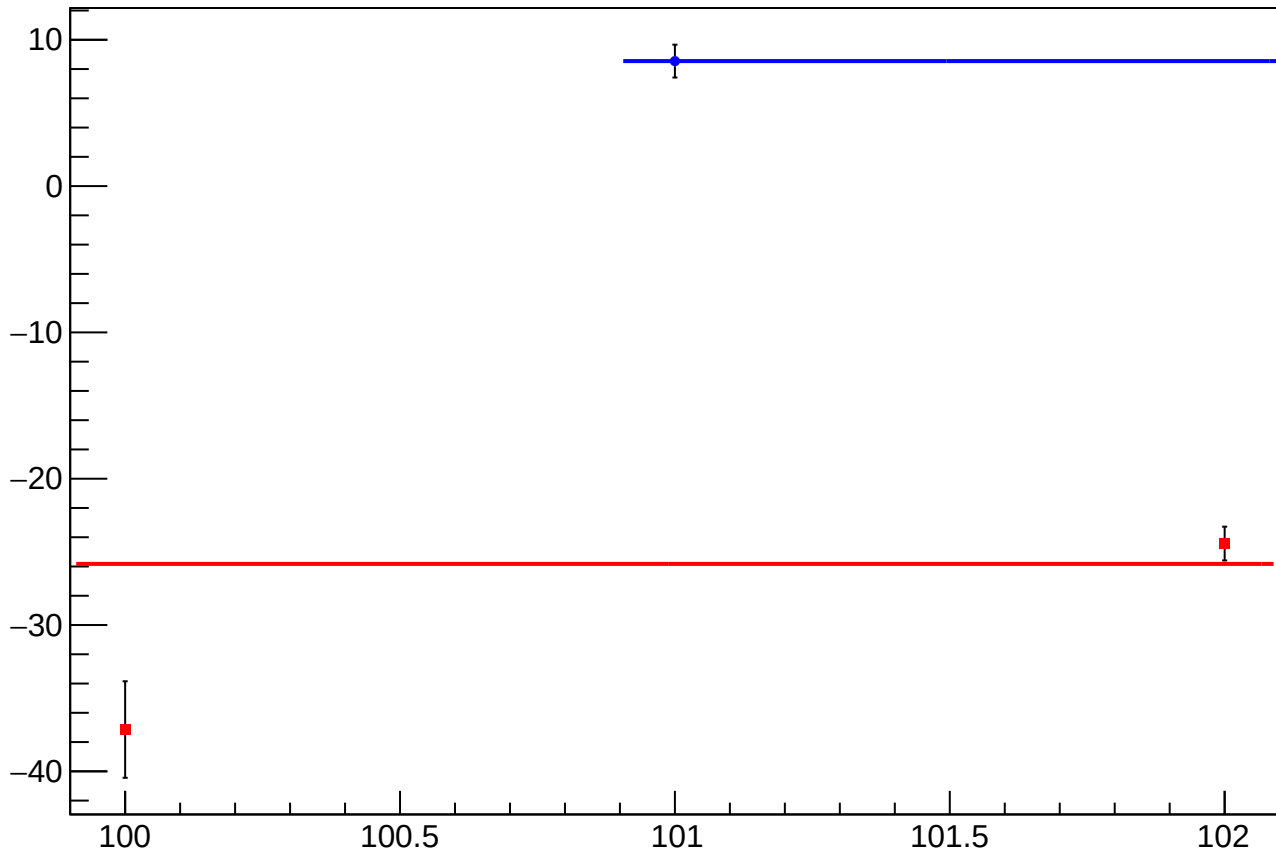
Right: 672.296 $\pm$ 0.405 χ^2 /NDF: 66.1/2

In: 669.761 $\pm$ 0.584 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 672.296 $\pm$ 0.405 χ^2 /NDF: 66.1/2

diff_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 8.544+/-1.123 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.822+/-1.091 χ^2/NDF : 13.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

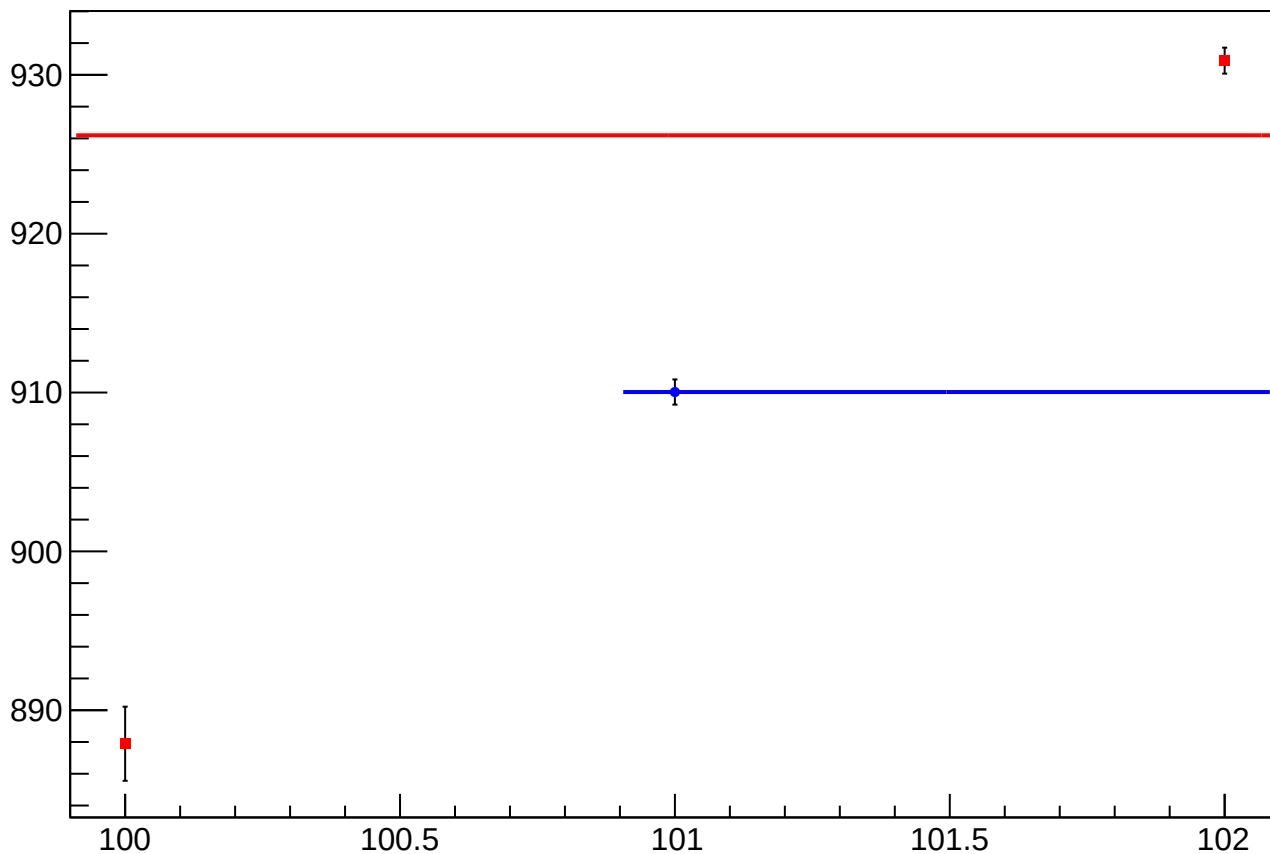
Right: -9.136+/-0.782 χ^2/NDF : 495.3/2

In: 8.544+/-1.123 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.136+/-0.782 χ^2/NDF : 495.3/2

diff_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 910.032 ± 0.794 χ^2/NDF : 0.0/0

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 926.194 ± 0.771 χ^2/NDF : 302.7/1

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

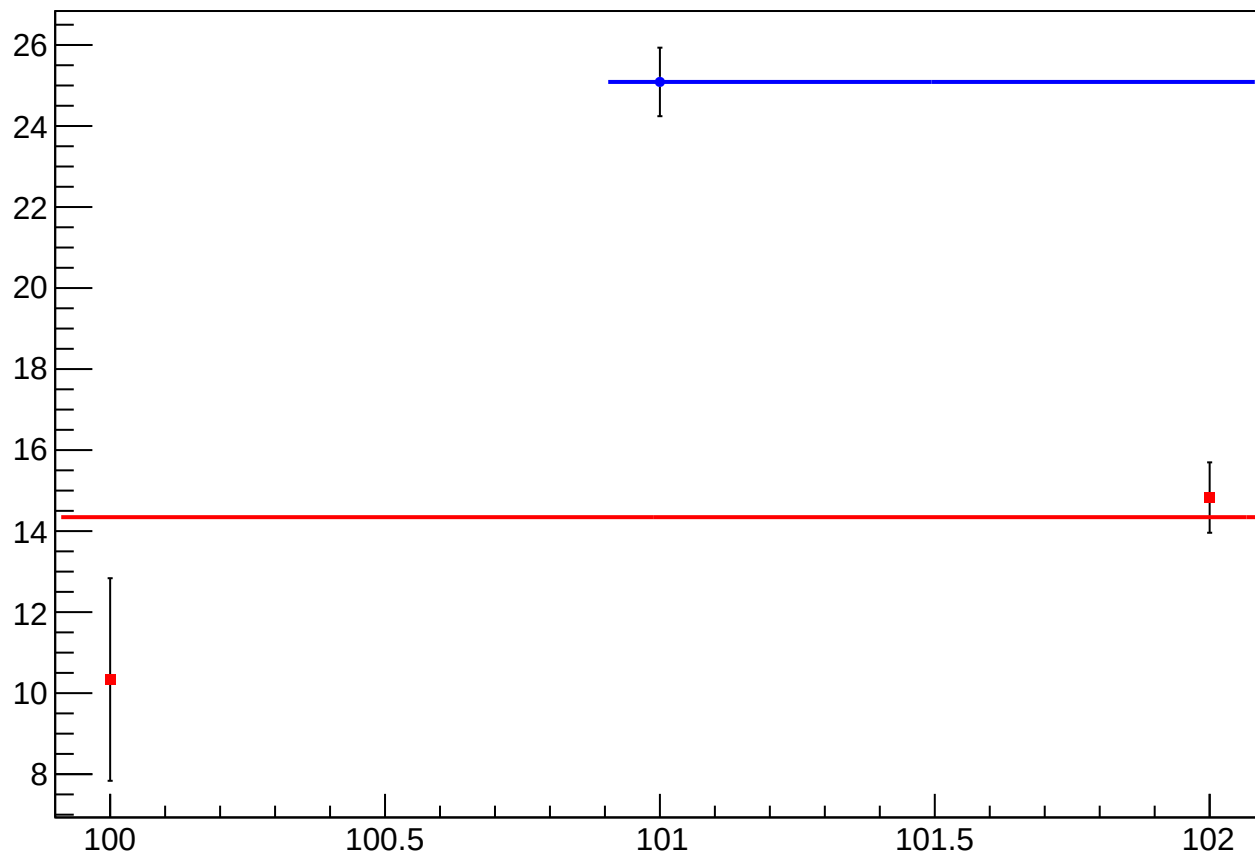
Right: 918.346 ± 0.553 χ^2/NDF : 516.0/2

In: 910.032 ± 0.794 χ^2/NDF : 0.0/0

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 918.346 ± 0.553 χ^2/NDF : 516.0/2

diff_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 25.088 $\pm$ 0.846 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 14.344 $\pm$ 0.821 χ^2/NDF : 2.9/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

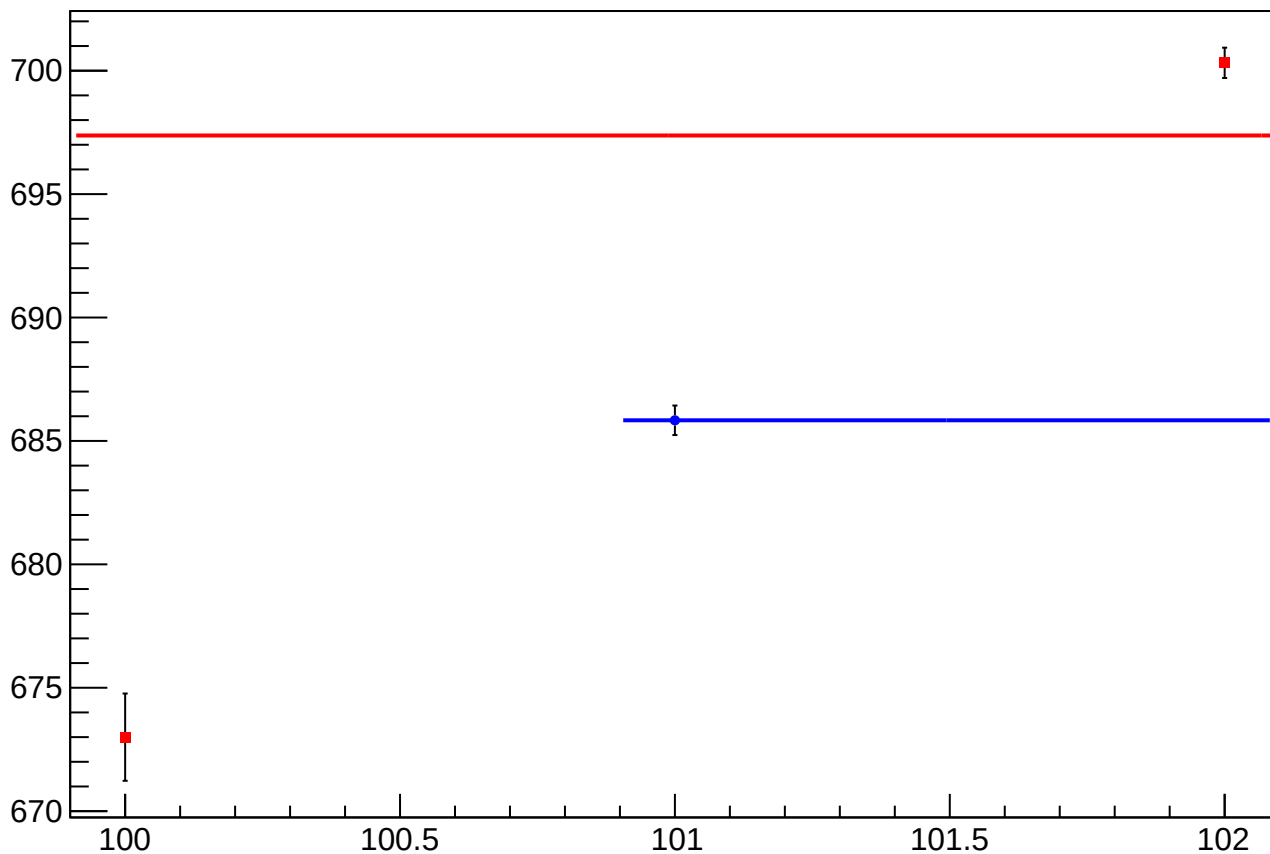
Right: 19.554 $\pm$ 0.589 χ^2/NDF : 86.0/2

In: 25.088 $\pm$ 0.846 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 19.554 $\pm$ 0.589 χ^2/NDF : 86.0/2

diff_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 685.836+/-0.598 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 697.376+/-0.580 χ^2/NDF : 213.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

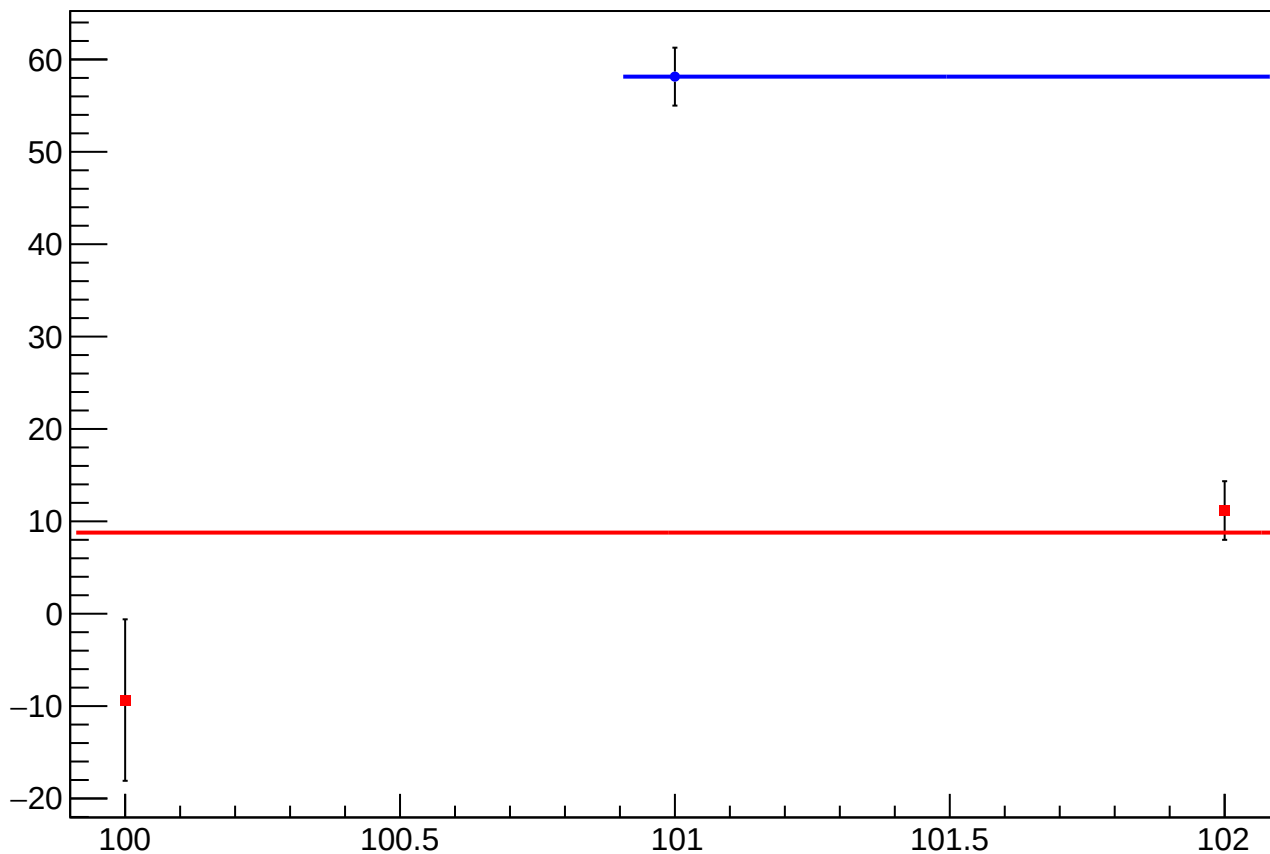
Right: 691.780+/-0.416 χ^2/NDF : 404.8/2

In: 685.836+/-0.598 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 691.780+/-0.416 χ^2/NDF : 404.8/2

diff_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 58.139+/-3.136 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.781+/-2.983 χ^2/NDF : 4.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

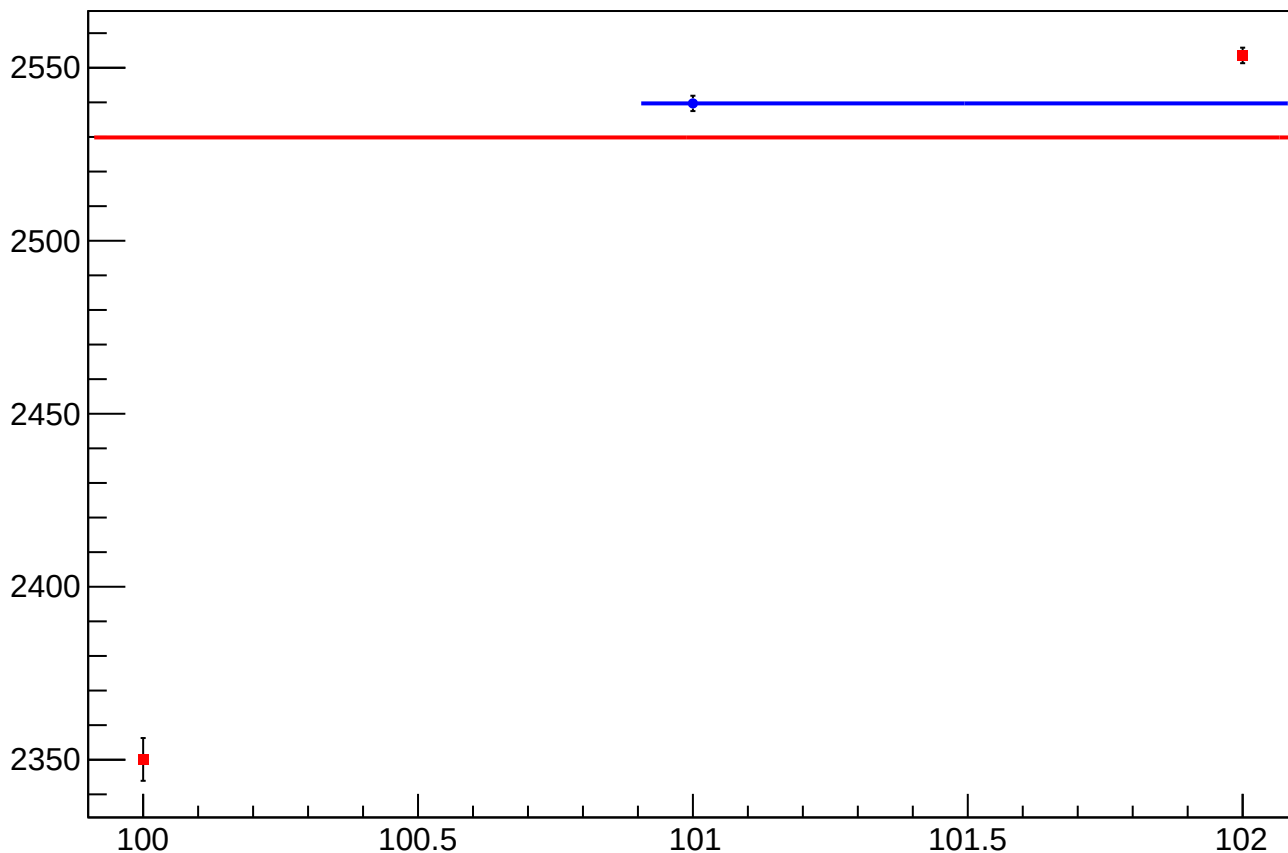
Right: 32.231+/-2.161 χ^2/NDF : 134.9/2

In: 58.139+/-3.136 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.231+/-2.161 χ^2/NDF : 134.9/2

diff_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 2539.700+/-2.217 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2529.860+/-2.109 χ^2/NDF : 957.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

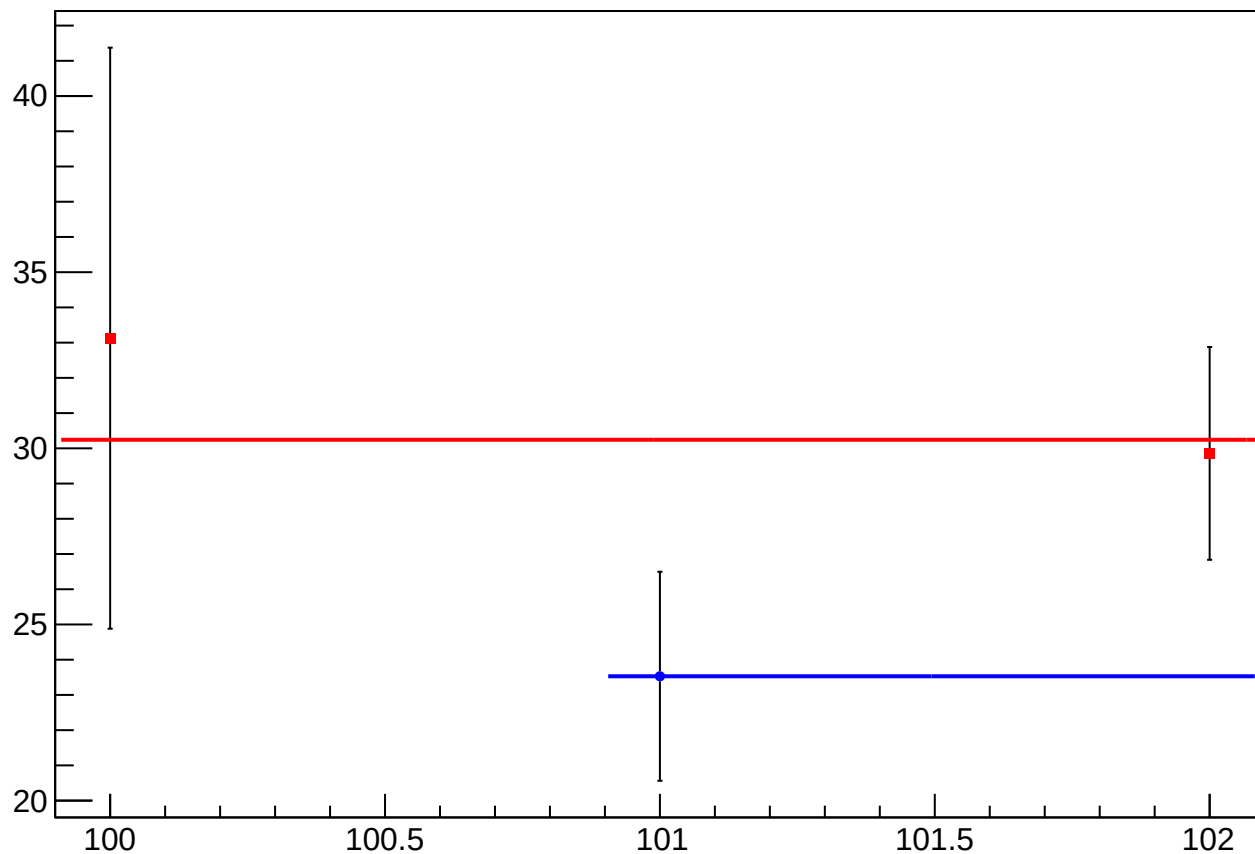
Right: 2534.535+/-1.528 χ^2/NDF : 968.0/2

In: 2539.700+/-2.217 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2534.535+/-1.528 χ^2/NDF : 968.0/2

diff_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: 23.530 $\pm$ 2.967 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 30.243 $\pm$ 2.836 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

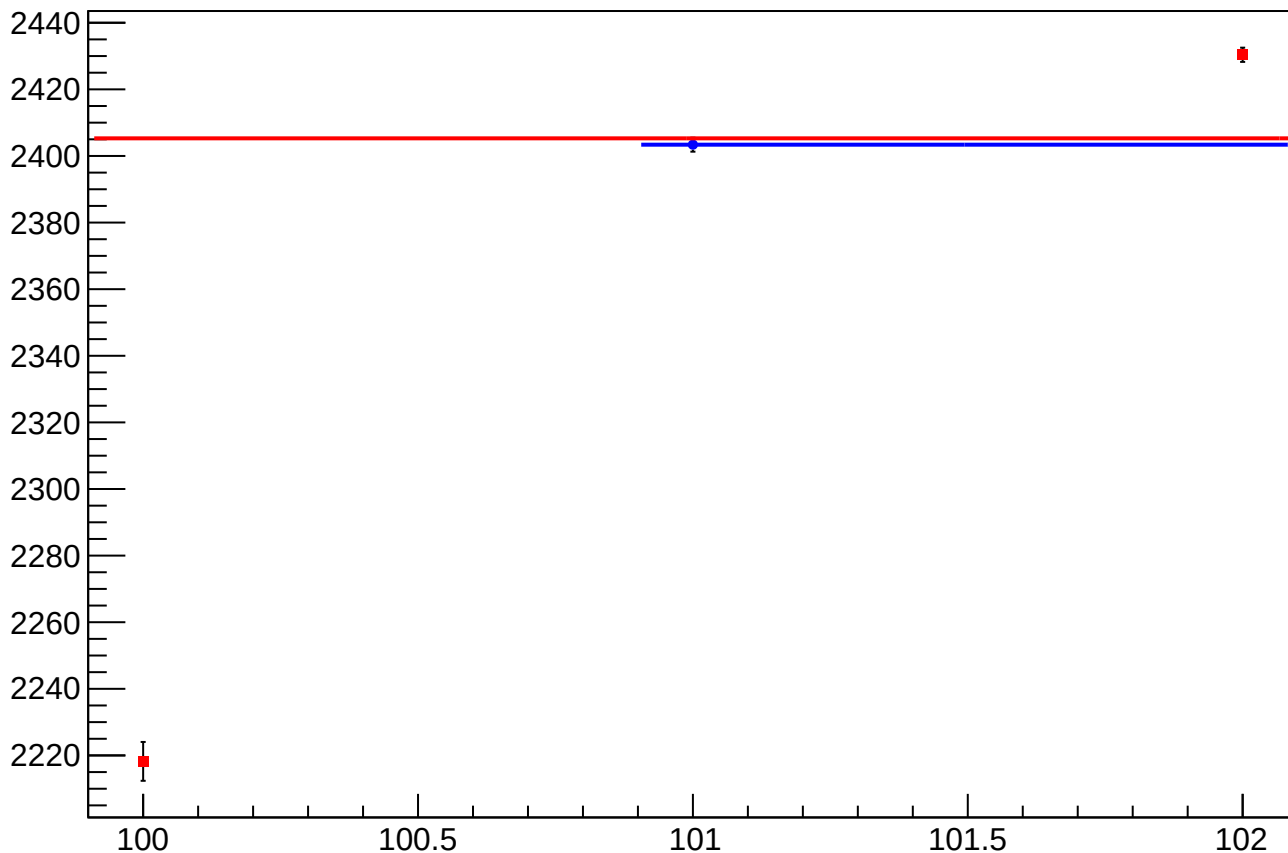
Right: 27.038 $\pm$ 2.050 χ^2 /NDF: 2.8/2

In: 23.530 $\pm$ 2.967 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.038 $\pm$ 2.050 χ^2 /NDF: 2.8/2

diff_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 2403.386 $\pm$ 2.098 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2405.290 $\pm$ 2.005 χ^2 /NDF: 1167.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

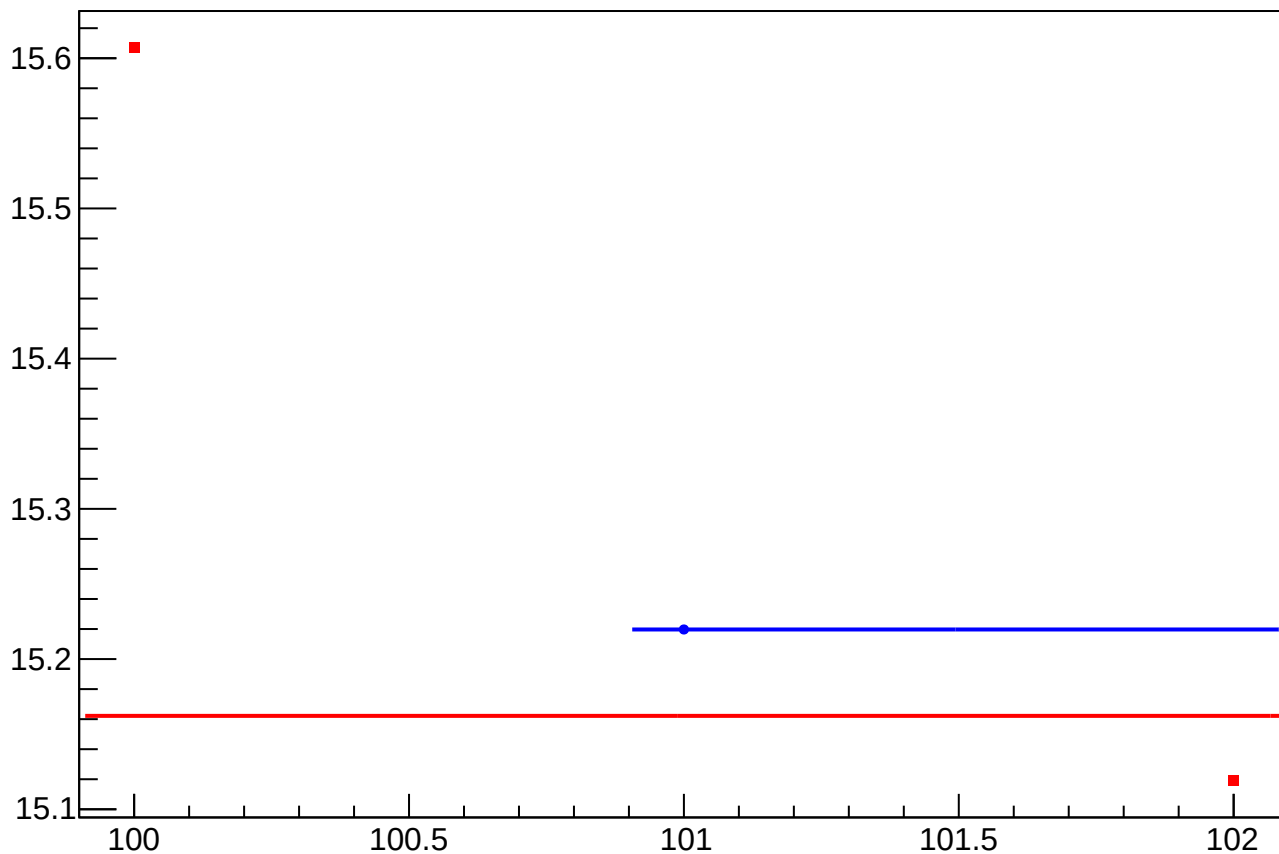
Right: 2404.381 $\pm$ 1.450 χ^2 /NDF: 1167.7/2

In: 2403.386 $\pm$ 2.098 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2404.381 $\pm$ 1.450 χ^2 /NDF: 1167.7/2

yield_sam1_mean vs Slug, Sign Corrected



Right In: 15.220+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.162+/-0.000 χ^2/NDF : 21726647.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

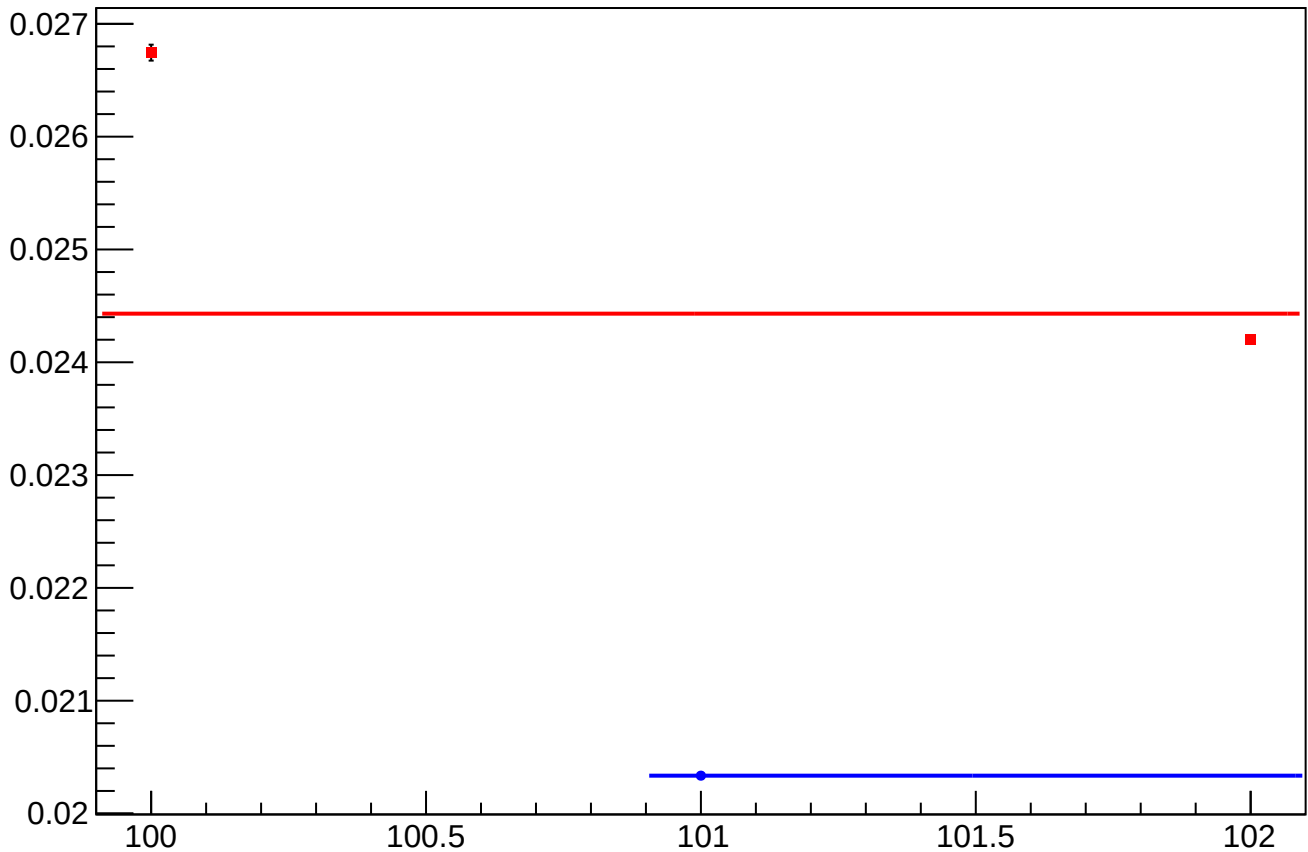
Right: 15.194+/-0.000 χ^2/NDF : 23797913.1/2

In: 15.220+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.194+/-0.000 χ^2/NDF : 23797913.1/2

yield_sam1_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.024+/-0.000 χ^2/NDF : 1176.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

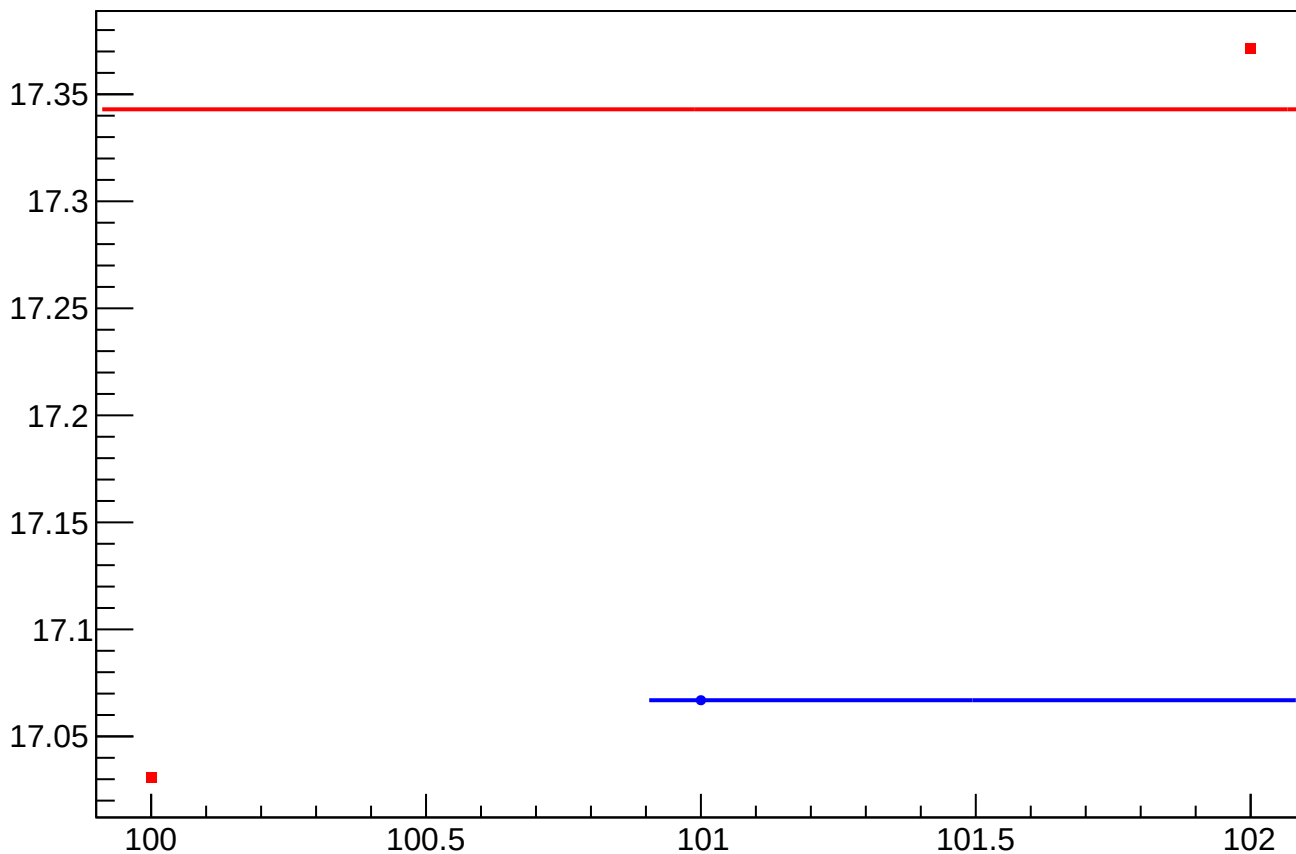
Right: 0.022+/-0.000 χ^2/NDF : 22183.9/2

In: 0.020+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.000 χ^2/NDF : 22183.9/2

yield_sam2_mean vs Slug, Sign Corrected



Right In: 17.067+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.343+/-0.000 χ^2/NDF : 53533.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

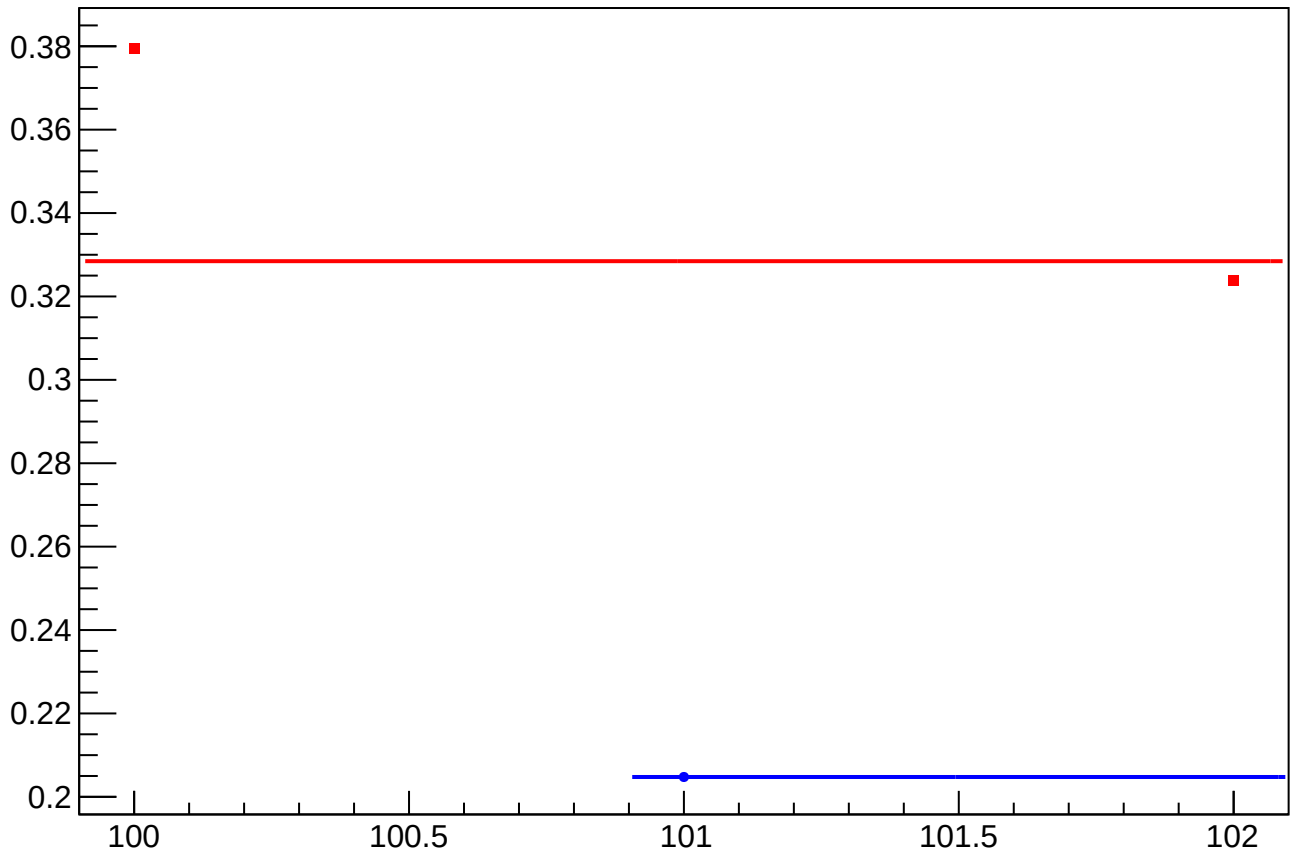
Right: 17.153+/-0.000 χ^2/NDF : 370358.6/2

In: 17.067+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.153+/-0.000 χ^2/NDF : 370358.6/2

yield_sam2_rms vs Slug, Sign Corrected



Right In: 0.205+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.328+/-0.000 χ^2/NDF : 2846.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

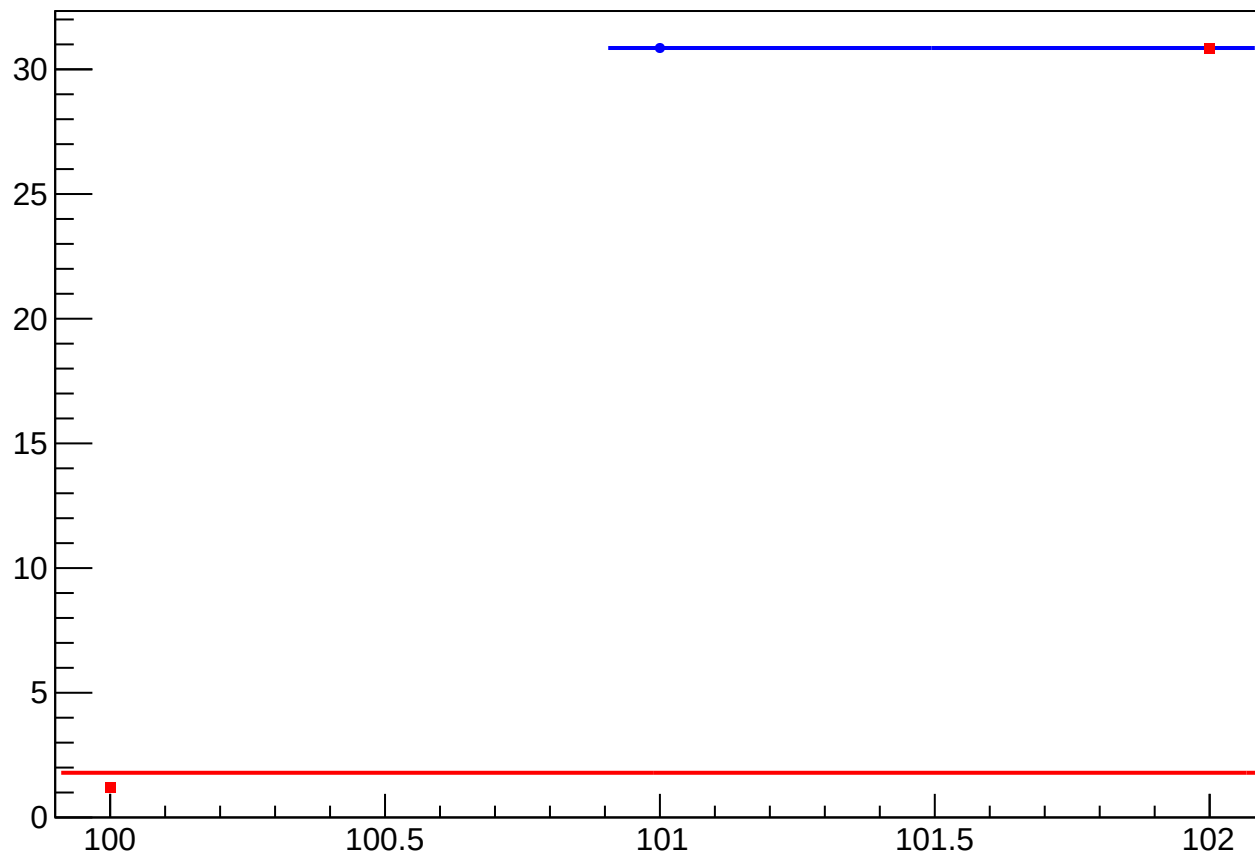
Right: 0.243+/-0.000 χ^2/NDF : 130066.0/2

In: 0.205+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.243+/-0.000 χ^2/NDF : 130066.0/2

yield_sam3_mean vs Slug, Sign Corrected



Right In: 30.855+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.792+/-0.000 χ^2/NDF : 6917639163.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

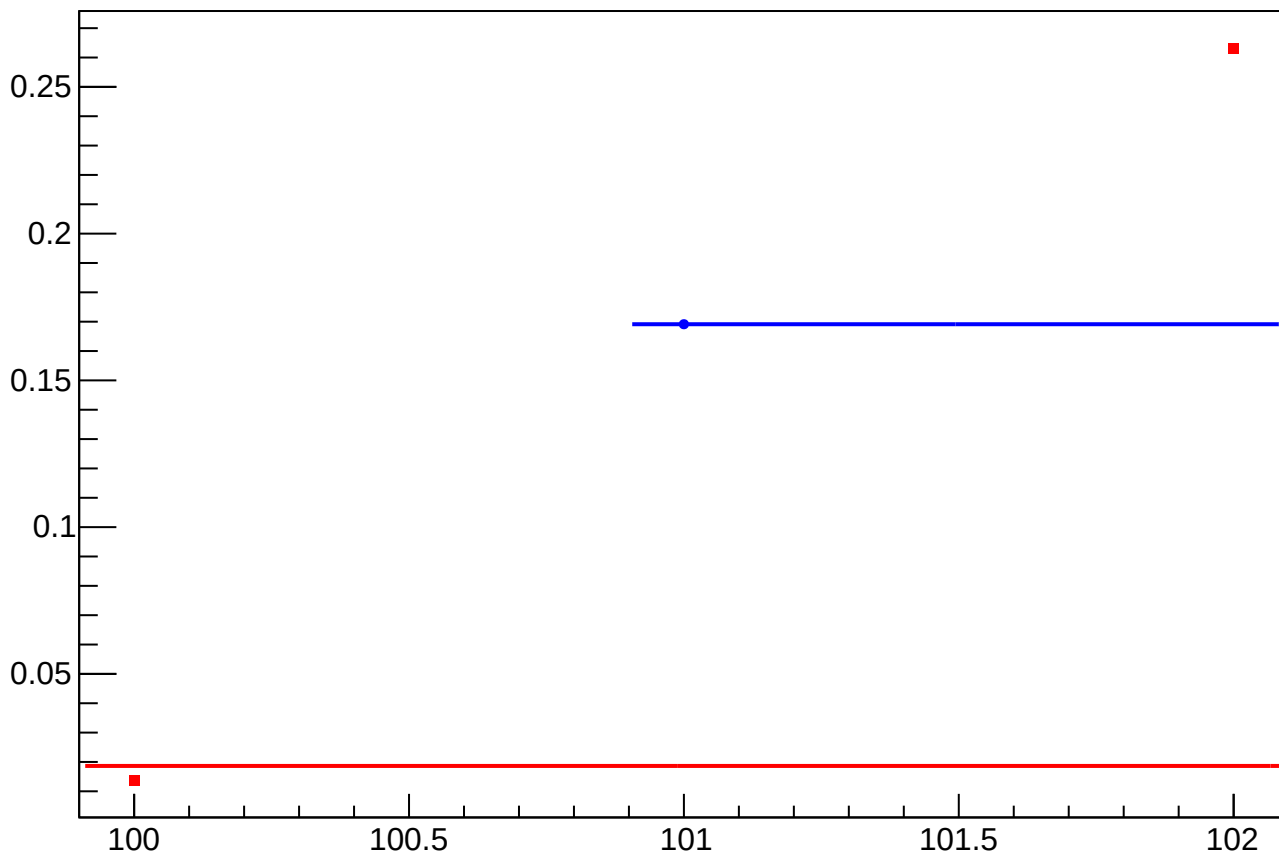
Right: 3.111+/-0.000 χ^2/NDF : 22191253739.2/2

In: 30.855+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.111+/-0.000 χ^2/NDF : 22191253739.2/2

yield_sam3_rms vs Slug, Sign Corrected



Right In: 0.169+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.019+/-0.000 χ^2/NDF : 979257.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

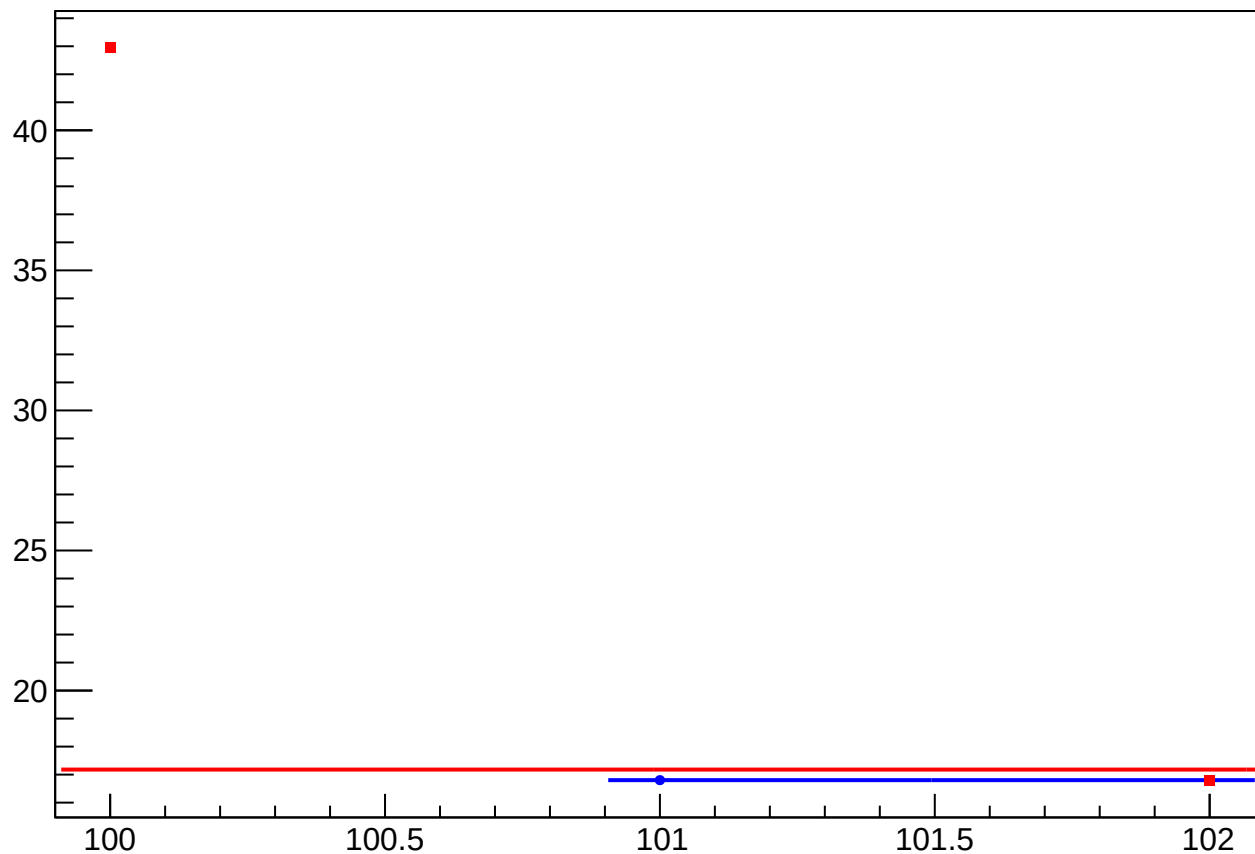
Right: 0.025+/-0.000 χ^2/NDF : 1798285.8/2

In: 0.169+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.000 χ^2/NDF : 1798285.8/2

yield_sam4_mean vs Slug, Sign Corrected



Right In: 16.802+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.180+/-0.000 χ^2/NDF : 245274936.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

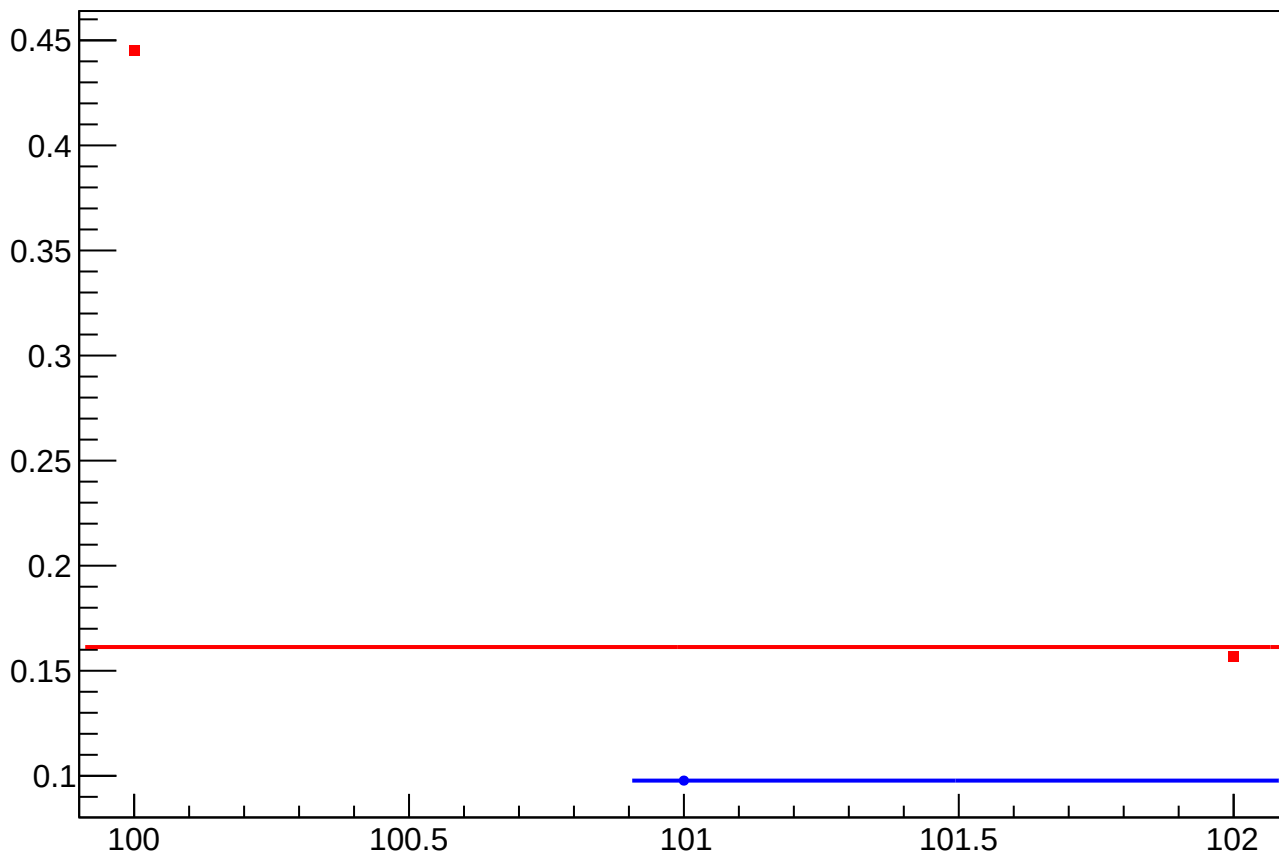
Right: 16.912+/-0.000 χ^2/NDF : 247678334.7/2

In: 16.802+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.912+/-0.000 χ^2/NDF : 247678334.7/2

yield_sam4_rms vs Slug, Sign Corrected



Right In: 0.098+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.161+/-0.000 χ^2/NDF : 59606.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

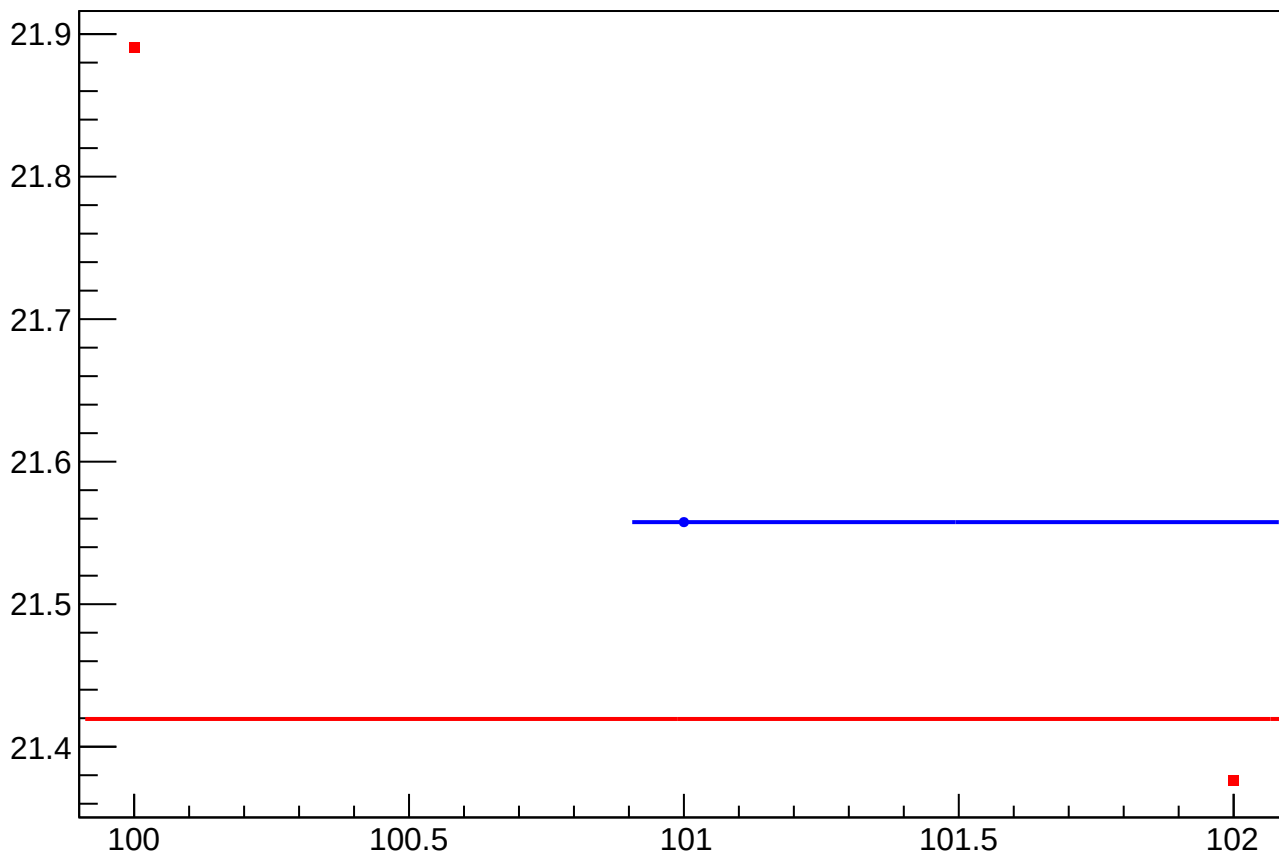
Right: 0.116+/-0.000 χ^2/NDF : 195726.7/2

In: 0.098+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.116+/-0.000 χ^2/NDF : 195726.7/2

yield_sam5_mean vs Slug, Sign Corrected



Right In: 21.558+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.419+/-0.000 χ^2/NDF : 19354287.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

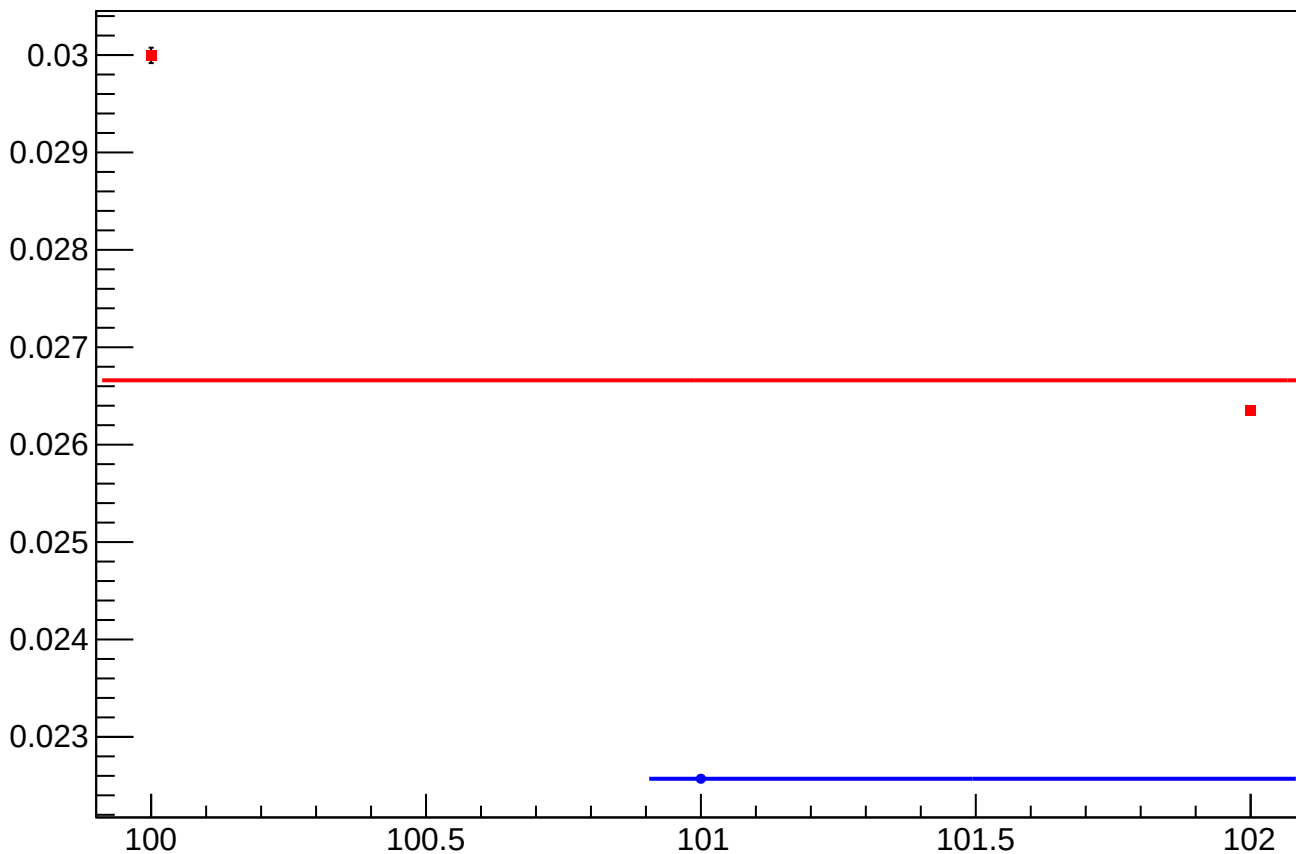
Right: 21.495+/-0.000 χ^2/NDF : 29228241.0/2

In: 21.558+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.495+/-0.000 χ^2/NDF : 29228241.0/2

yield_sam5_rms vs Slug, Sign Corrected



Right In: 0.023+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.027+/-0.000 χ^2/NDF : 1942.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

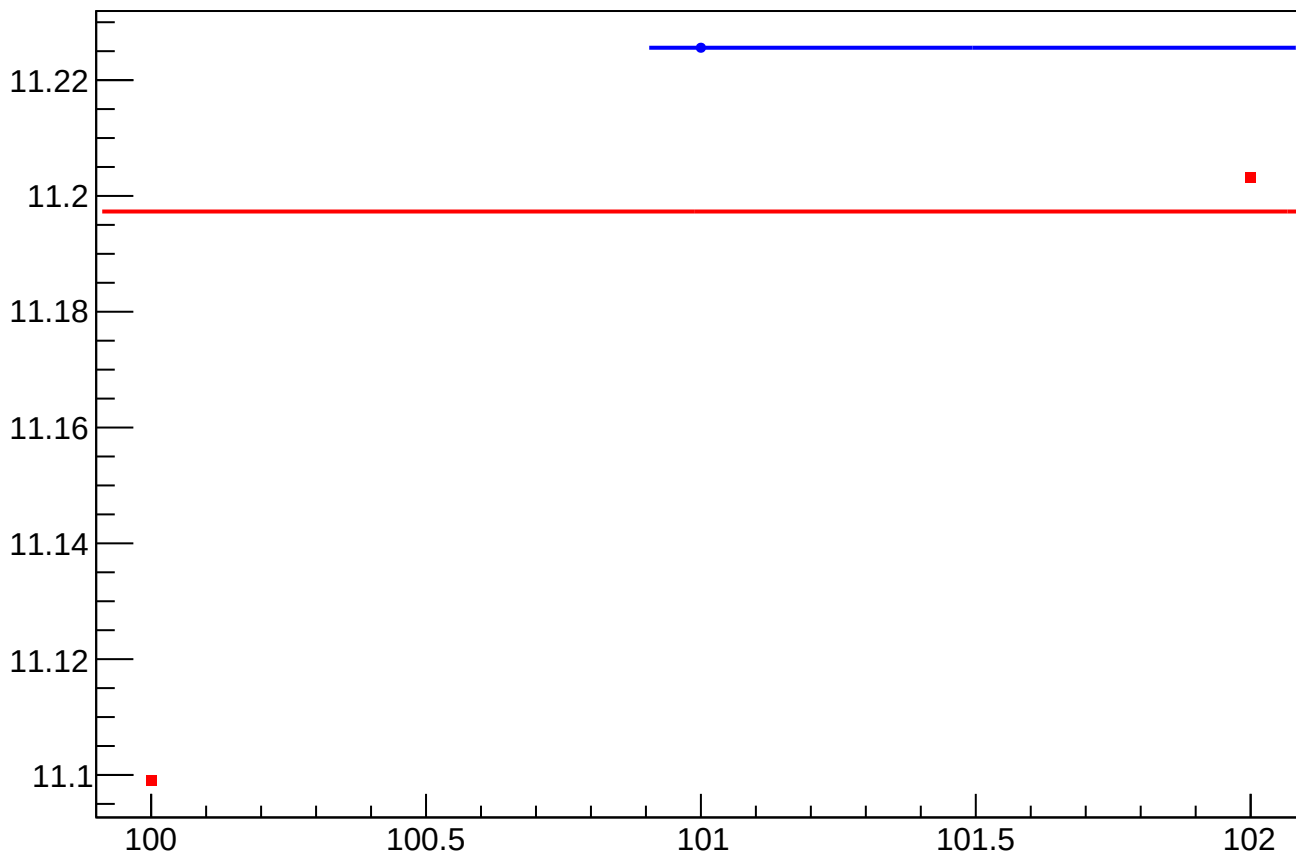
Right: 0.024+/-0.000 χ^2/NDF : 19265.9/2

In: 0.023+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 19265.9/2

yield_sam6_mean vs Slug, Sign Corrected



Right In: 11.226+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.197+/-0.000 χ^2/NDF : 2217996.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

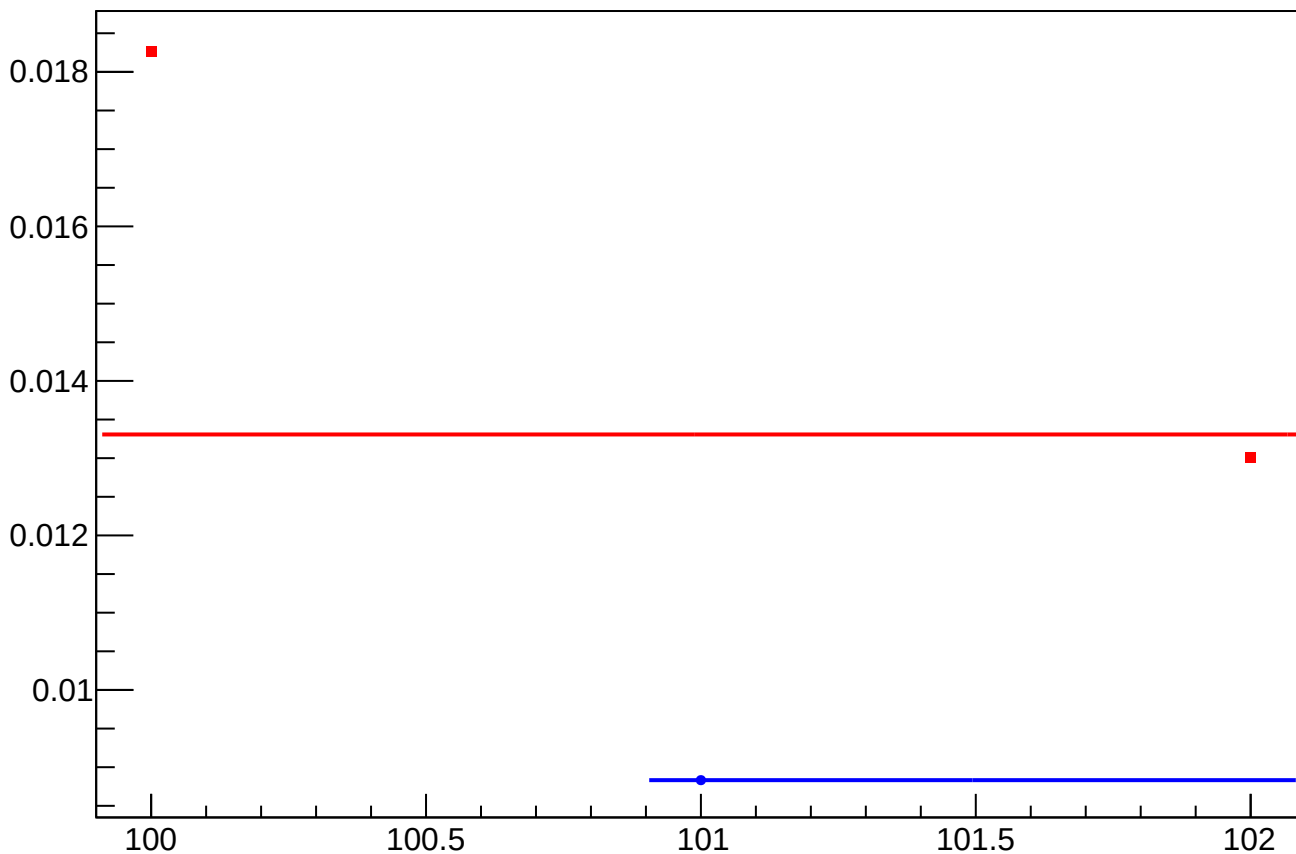
Right: 11.216+/-0.000 χ^2/NDF : 4212804.5/2

In: 11.226+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.216+/-0.000 χ^2/NDF : 4212804.5/2

yield_sam6_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 11298.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

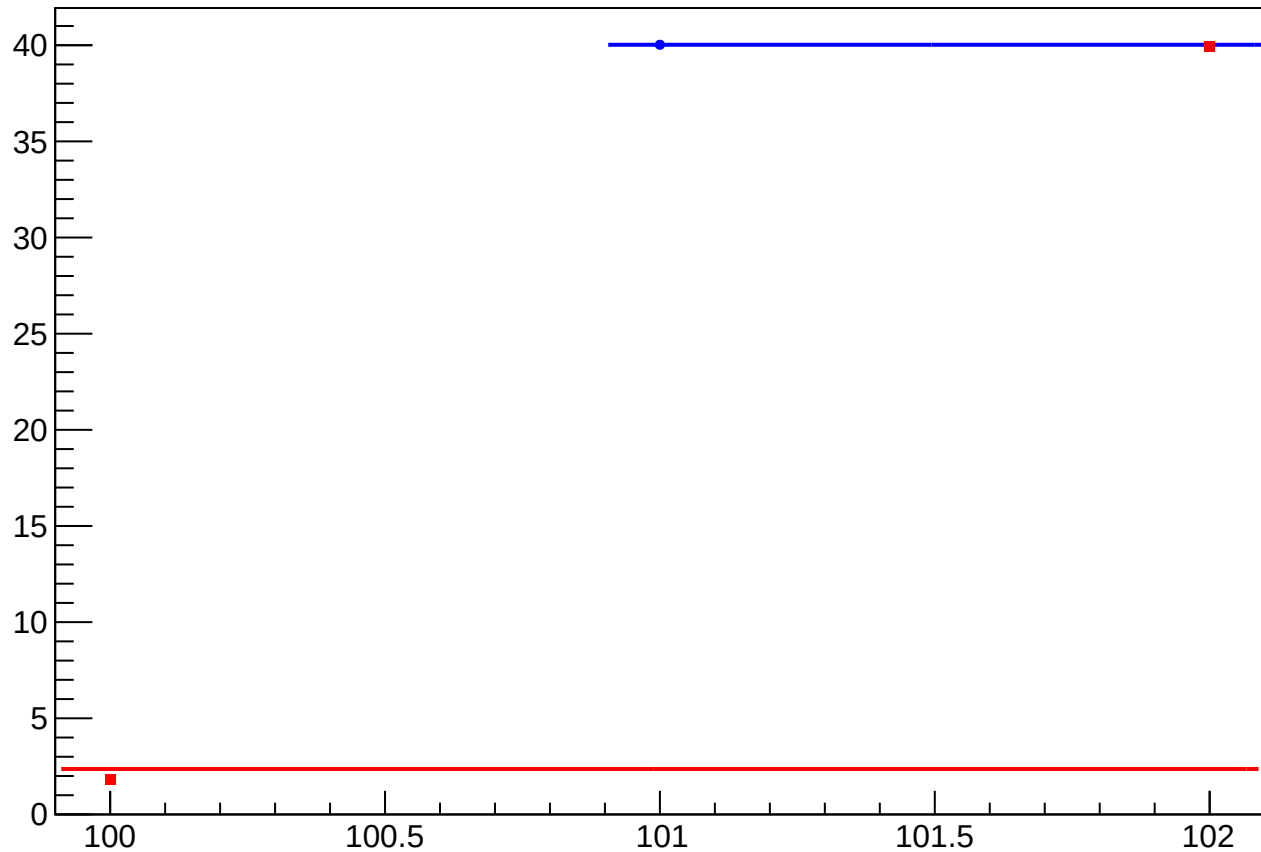
Right: 0.010+/-0.000 χ^2/NDF : 111147.8/2

In: 0.009+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 111147.8/2

yield_sam7_mean vs Slug, Sign Corrected



Right In: 40.024+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.365+/-0.000 χ^2/NDF : 59039284223.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

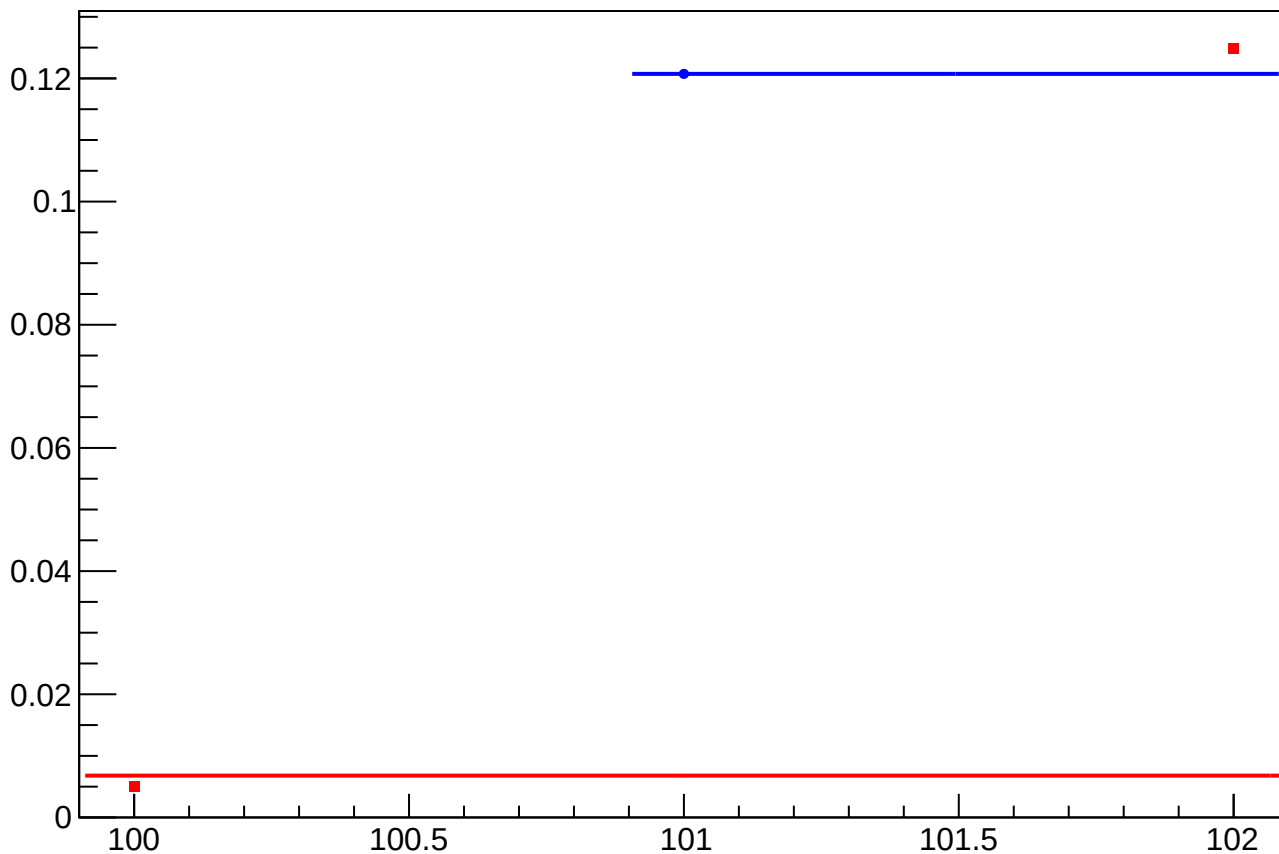
Right: 2.925+/-0.000 χ^2/NDF : 118928903346.7/2

In: 40.024+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.925+/-0.000 χ^2/NDF : 118928903346.7

yield_sam7_rms vs Slug, Sign Corrected



Right In: 0.121+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 1165353.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

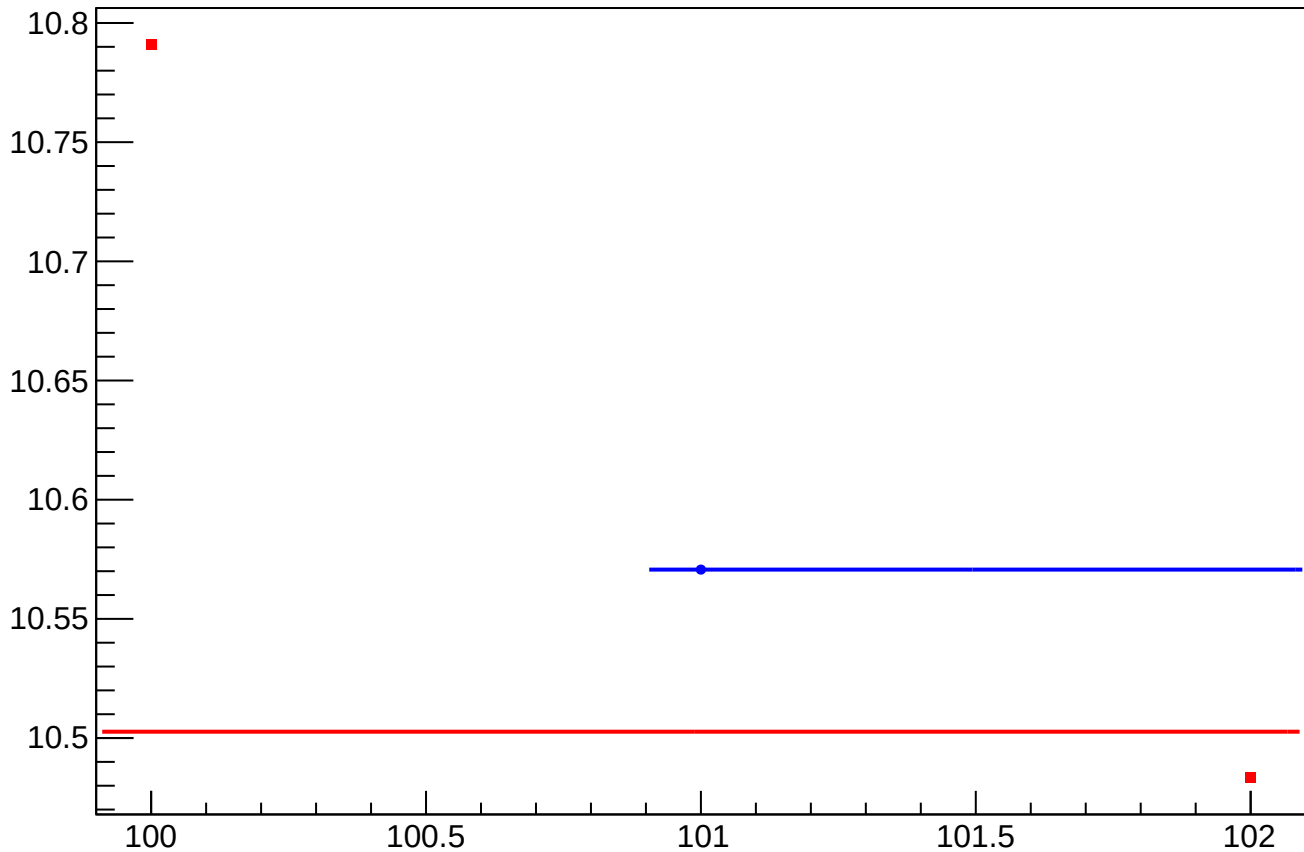
Right: 0.008+/-0.000 χ^2/NDF : 2261908.7/2

In: 0.121+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 2261908.7/2

yield_sam8_mean vs Slug, Sign Corrected



Right In: 10.571+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.503+/-0.000 χ^2/NDF : 28345630.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

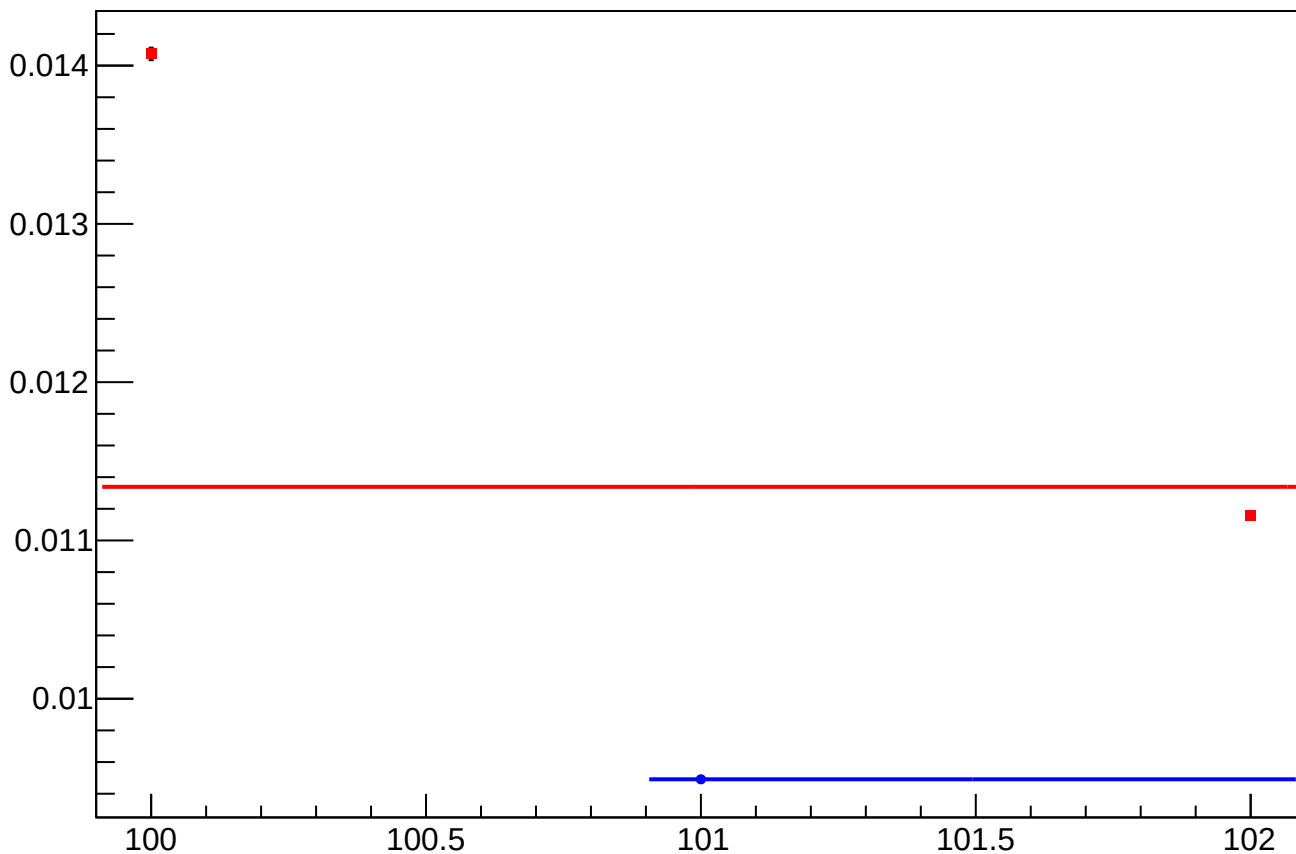
Right: 10.538+/-0.000 χ^2/NDF : 40663408.6/2

In: 10.571+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.538+/-0.000 χ^2/NDF : 40663408.6/2

yield_sam8_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 5105.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

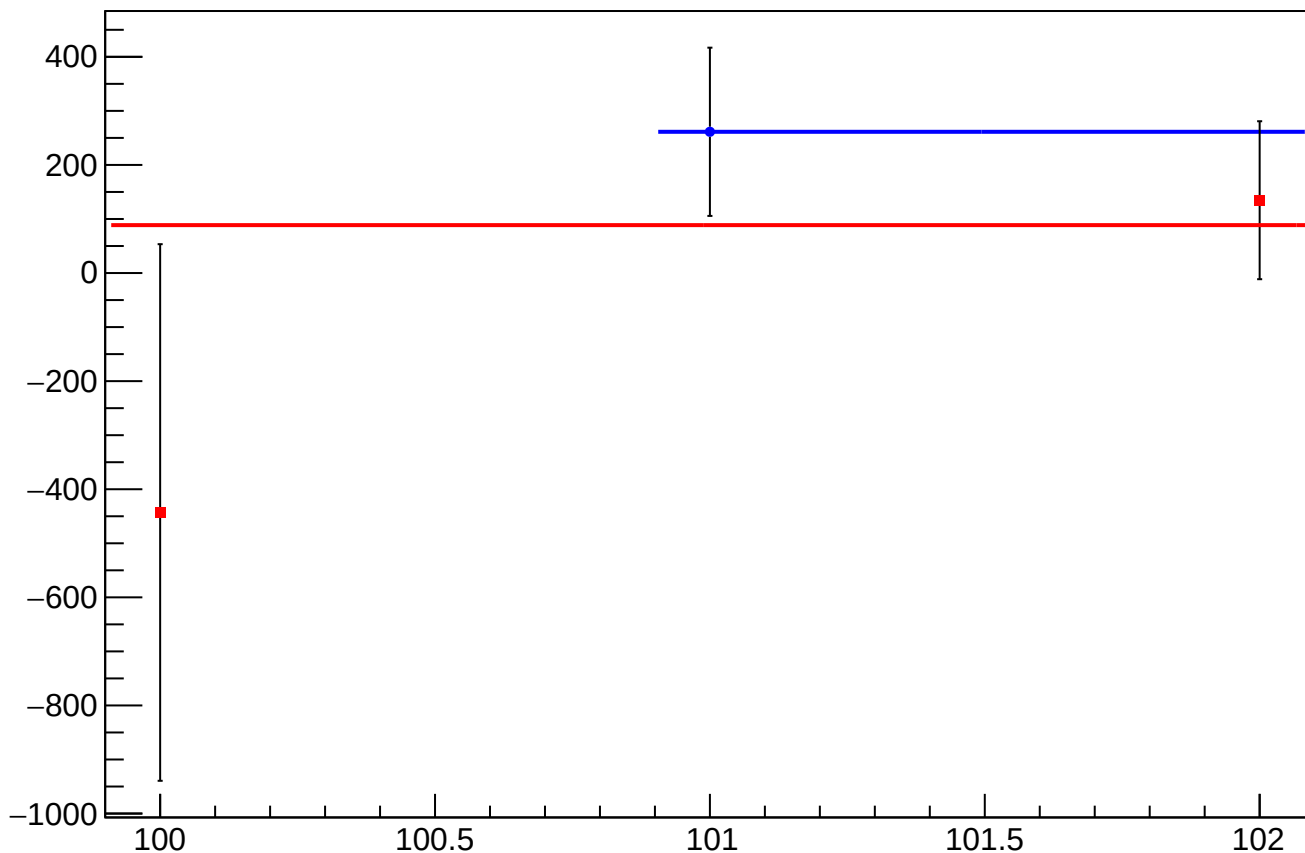
Right: 0.010+/-0.000 χ^2/NDF : 23291.6/2

In: 0.009+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 23291.6/2

reg_asym_sam1_mean vs Slug, Sign Corrected



Right In: 261.305 $\pm$ 155.640 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 88.642 $\pm$ 140.177 χ^2 /NDF: 1.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

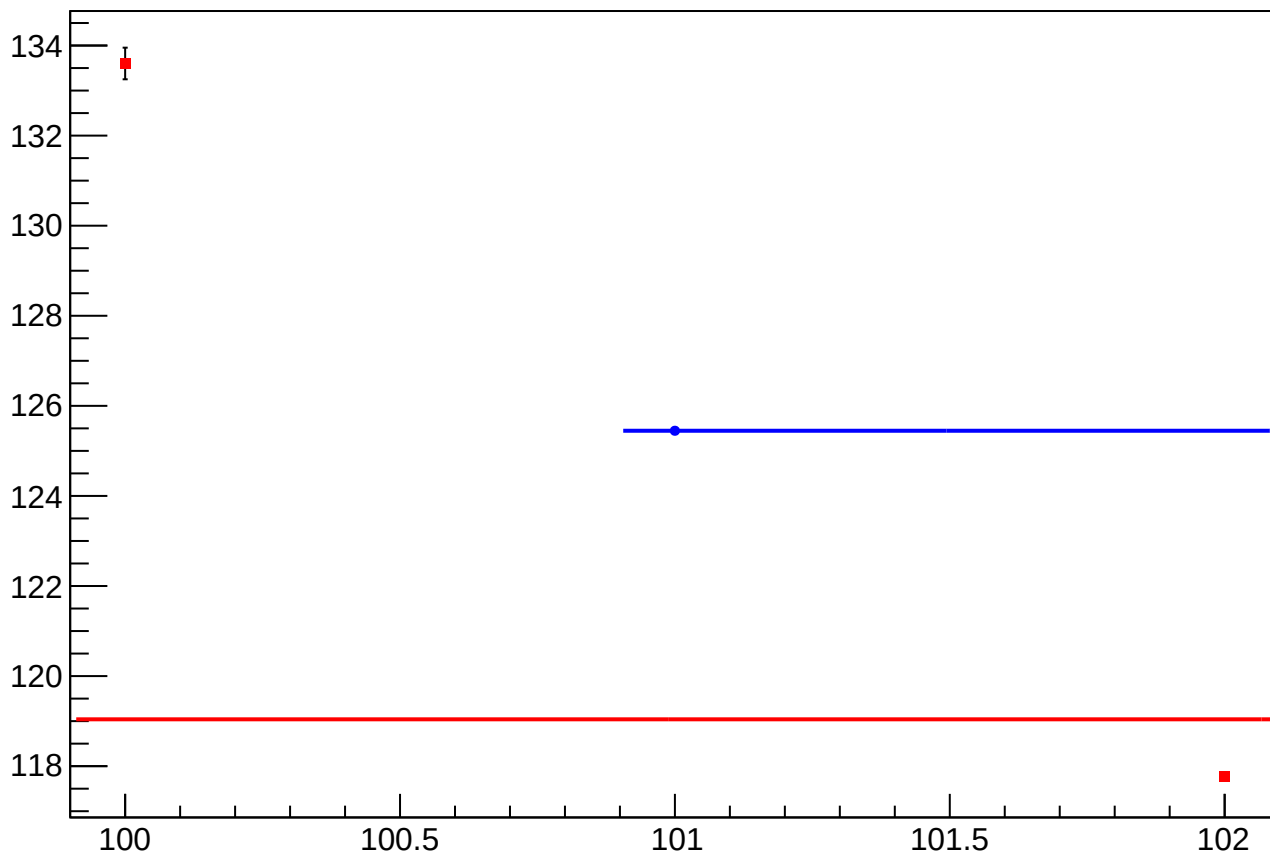
Right: 165.973 $\pm$ 104.159 χ^2 /NDF: 1.9/2

In: 261.305 $\pm$ 155.640 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 165.973 $\pm$ 104.159 χ^2 /NDF: 1.9/2

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 125.447+/-0.110 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.040+/-0.099 χ^2/NDF : 1870.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

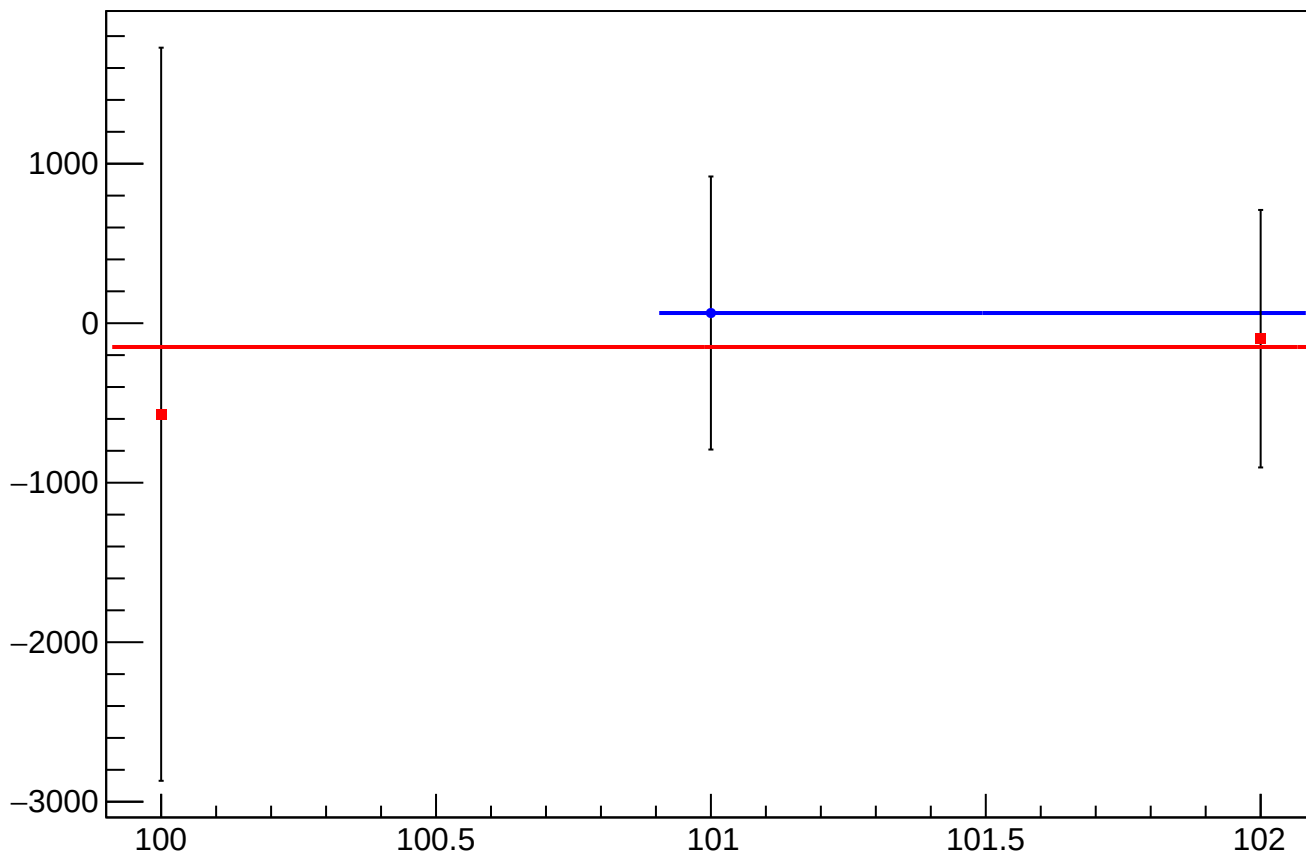
Right: 121.910+/-0.074 χ^2/NDF : 3741.3/2

In: 125.447+/-0.110 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.910+/-0.074 χ^2/NDF : 3741.3/2

asym_sam1_reg_correction_mean vs Slug, Sign Corrected



Right In: 63.908+/-855.954 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -149.118+/-761.596 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

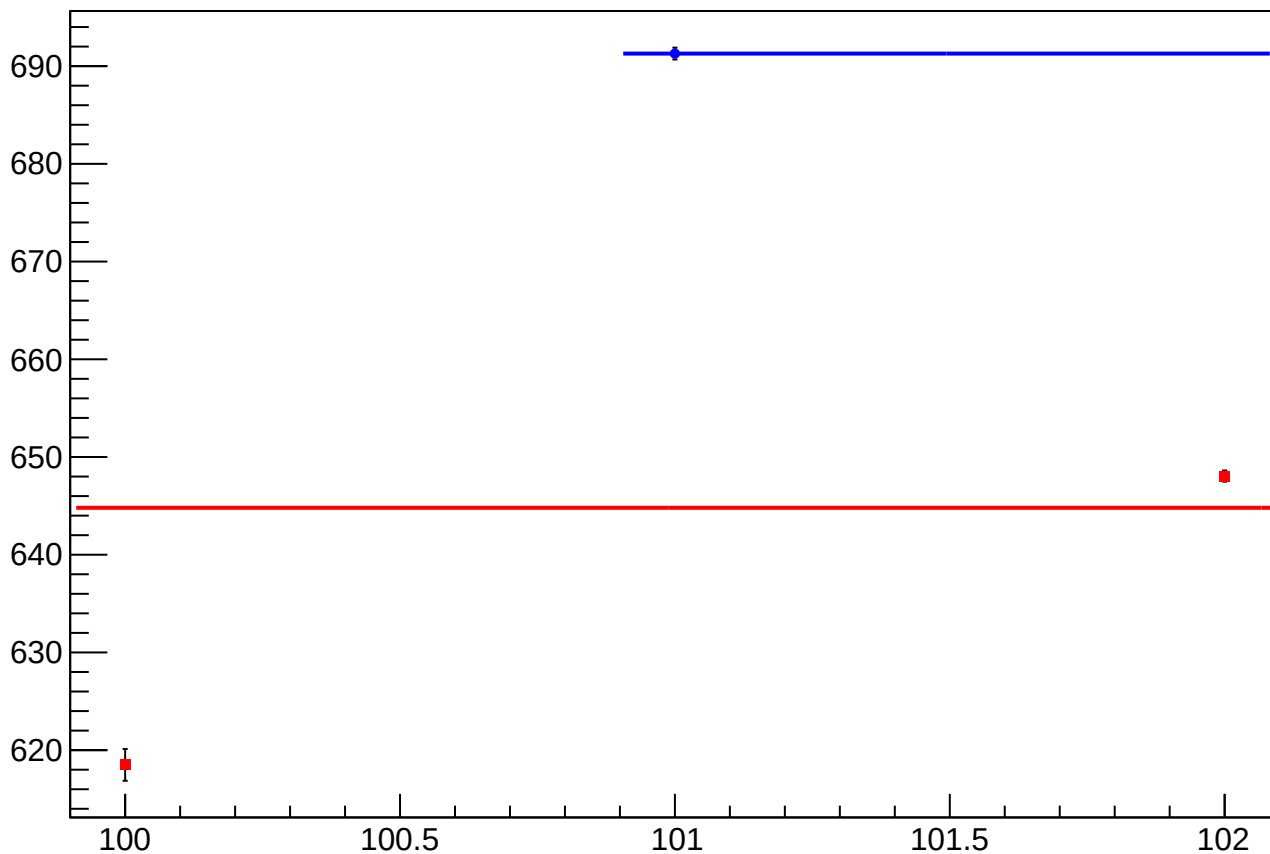
Right: -54.989+/-568.977 χ^2/NDF : 0.1/2

In: 63.908+/-855.954 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -54.989+/-568.977 χ^2/NDF : 0.1/2

asym_sam1_reg_correction_rms vs Slug, Sign Corrected



Right In: 691.284 $\pm$ 0.605 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 644.802 $\pm$ 0.539 χ^2 /NDF: 294.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

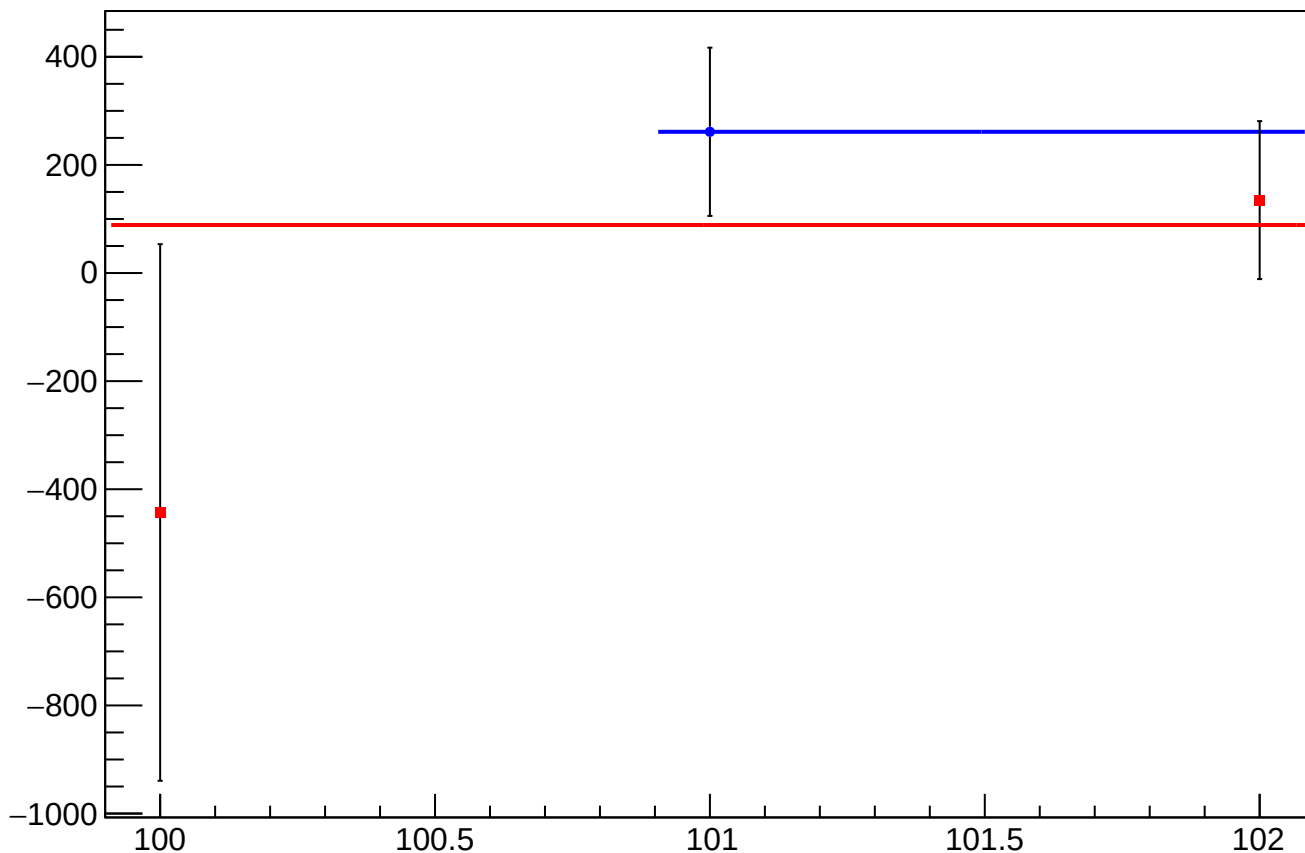
Right: 665.341 $\pm$ 0.402 χ^2 /NDF: 3586.3/2

In: 691.284 $\pm$ 0.605 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 665.341 $\pm$ 0.402 χ^2 /NDF: 3586.3/2

cor_asym_sam1_mean vs Slug, Sign Corrected



Right In: 261.289 $\pm$ 155.640 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 88.827 $\pm$ 140.188 χ^2 /NDF: 1.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

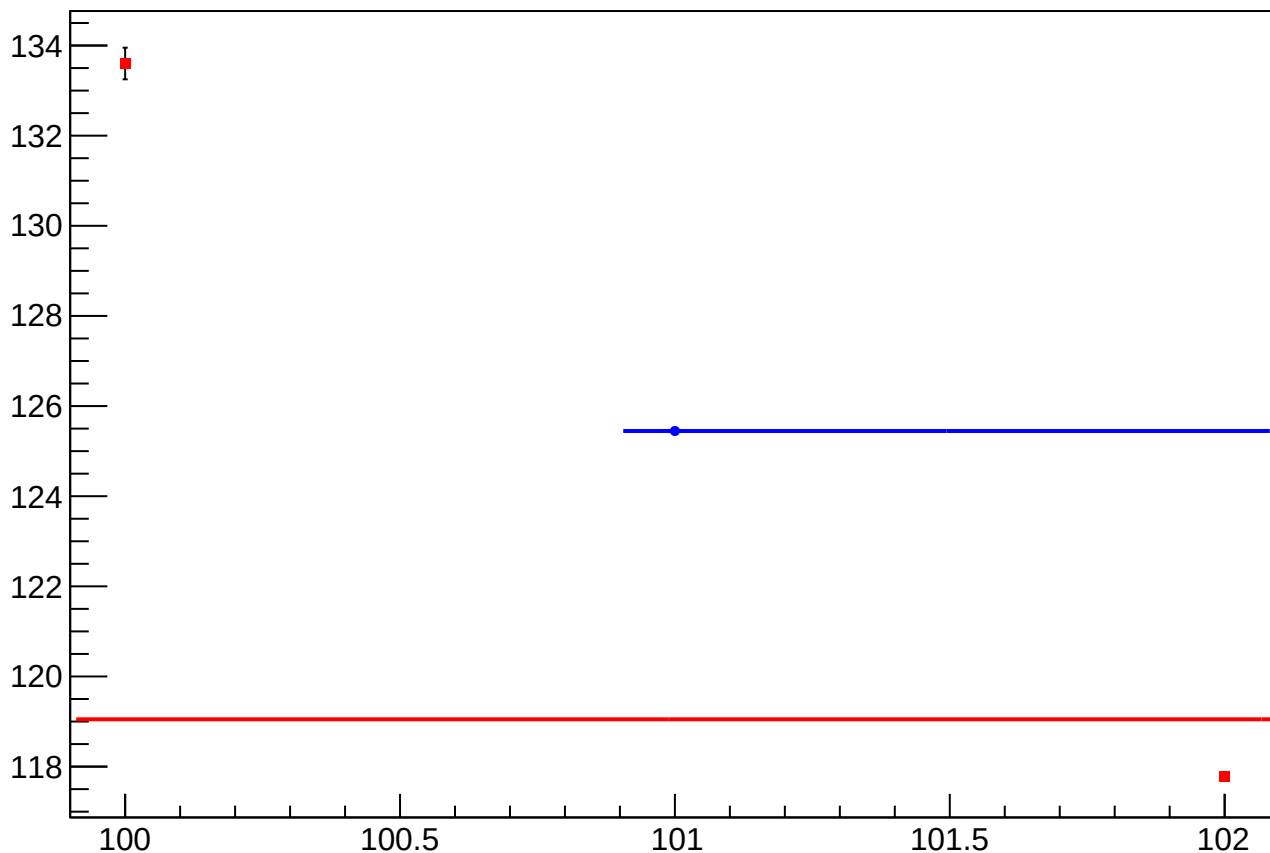
Right: 166.074 $\pm$ 104.164 χ^2 /NDF: 1.9/2

In: 261.289 $\pm$ 155.640 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 166.074 $\pm$ 104.164 χ^2 /NDF: 1.9/2

cor_asym_sam1_rms vs Slug, Sign Corrected



Right In: 125.447 $\pm$ 0.110 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 119.050 $\pm$ 0.099 χ^2/NDF : 1867.7/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

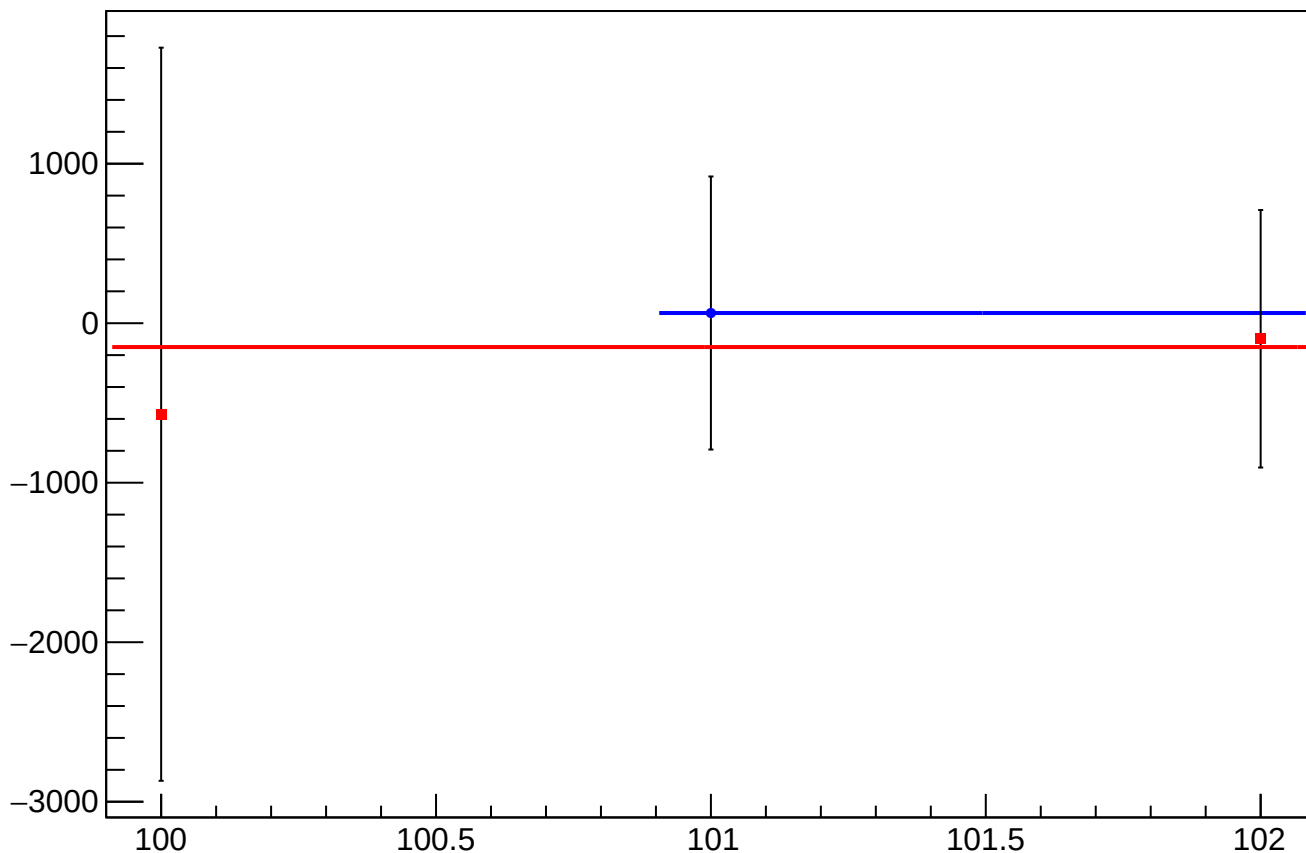
Right: 121.915 $\pm$ 0.074 χ^2/NDF : 3733.2/2

In: 125.447 $\pm$ 0.110 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 121.915 $\pm$ 0.074 χ^2/NDF : 3733.2/2

asym_sam1_cor_correction_mean vs Slug, Sign Corrected



Right In: 63.914+/-855.956 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -149.490+/-761.663 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

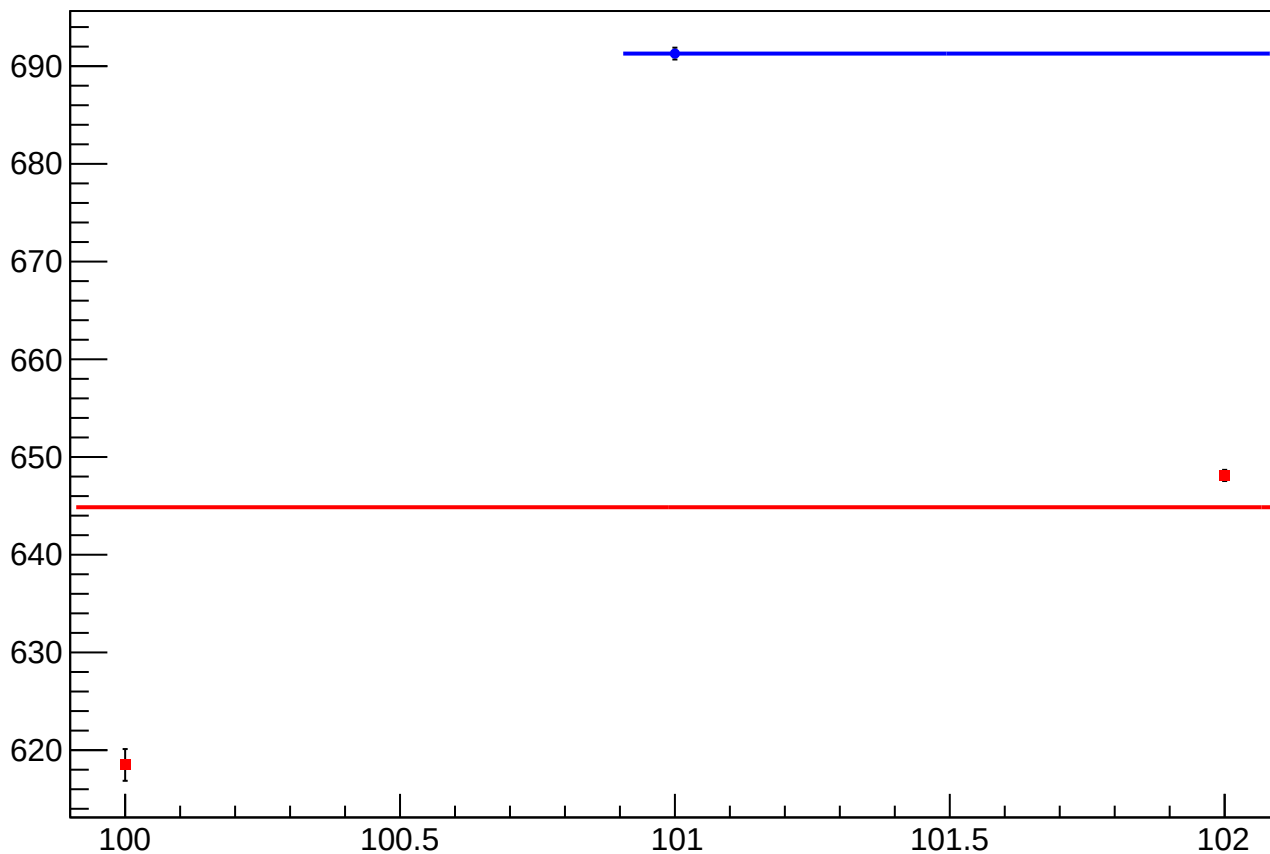
Right: -55.185+/-569.005 χ^2/NDF : 0.1/2

In: 63.914+/-855.956 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.185+/-569.005 χ^2/NDF : 0.1/2

asym_sam1_cor_correction_rms vs Slug, Sign Corrected



Right In: 691.286 $\pm$ 0.605 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 644.860 $\pm$ 0.539 χ^2 /NDF: 295.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

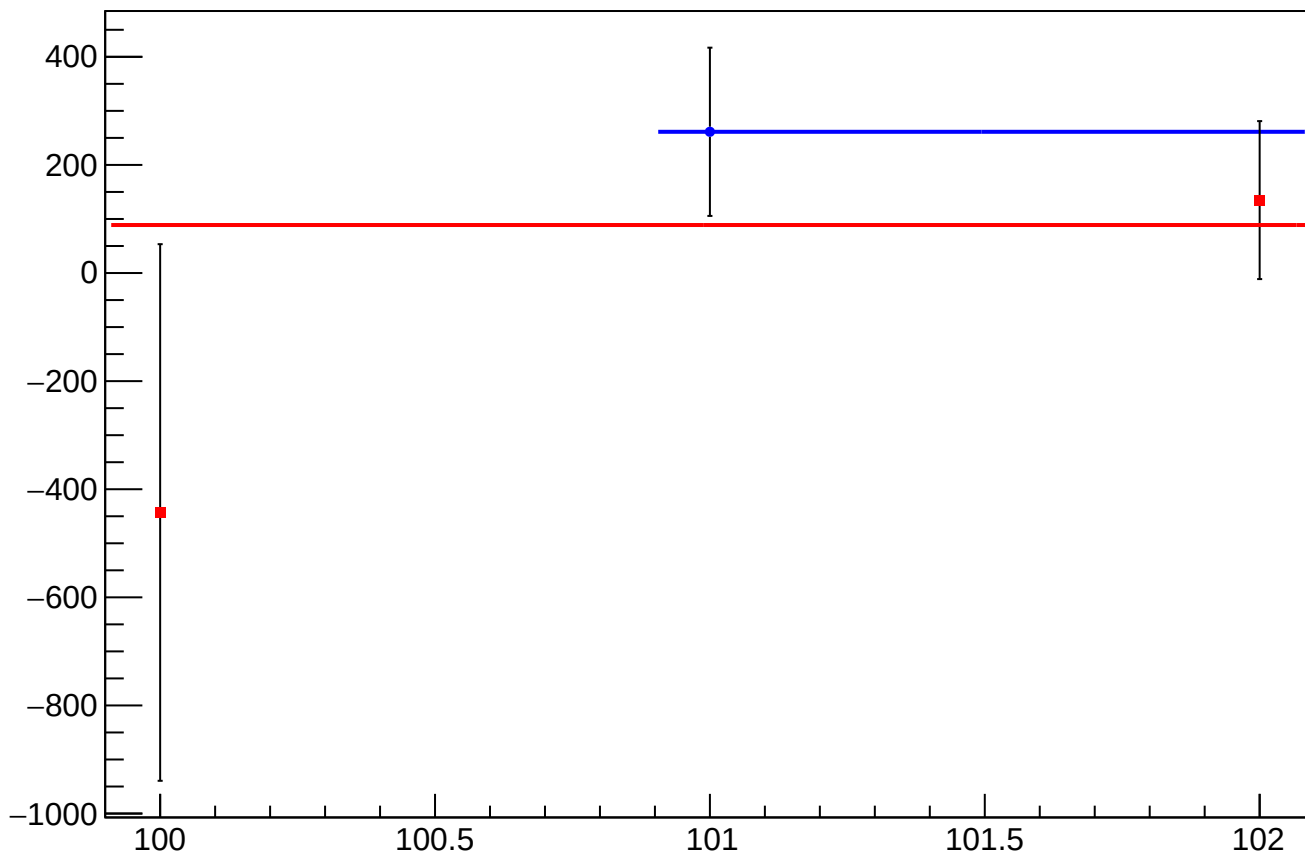
Right: 665.376 $\pm$ 0.402 χ^2 /NDF: 3579.4/2

In: 691.286 $\pm$ 0.605 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 665.376 $\pm$ 0.402 χ^2 /NDF: 3579.4/2

eigen_cor_asym_sam1_mean vs Slug, Sign Corrected



Right In: 261.289+/-155.640 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.827+/-140.188 χ^2/NDF : 1.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

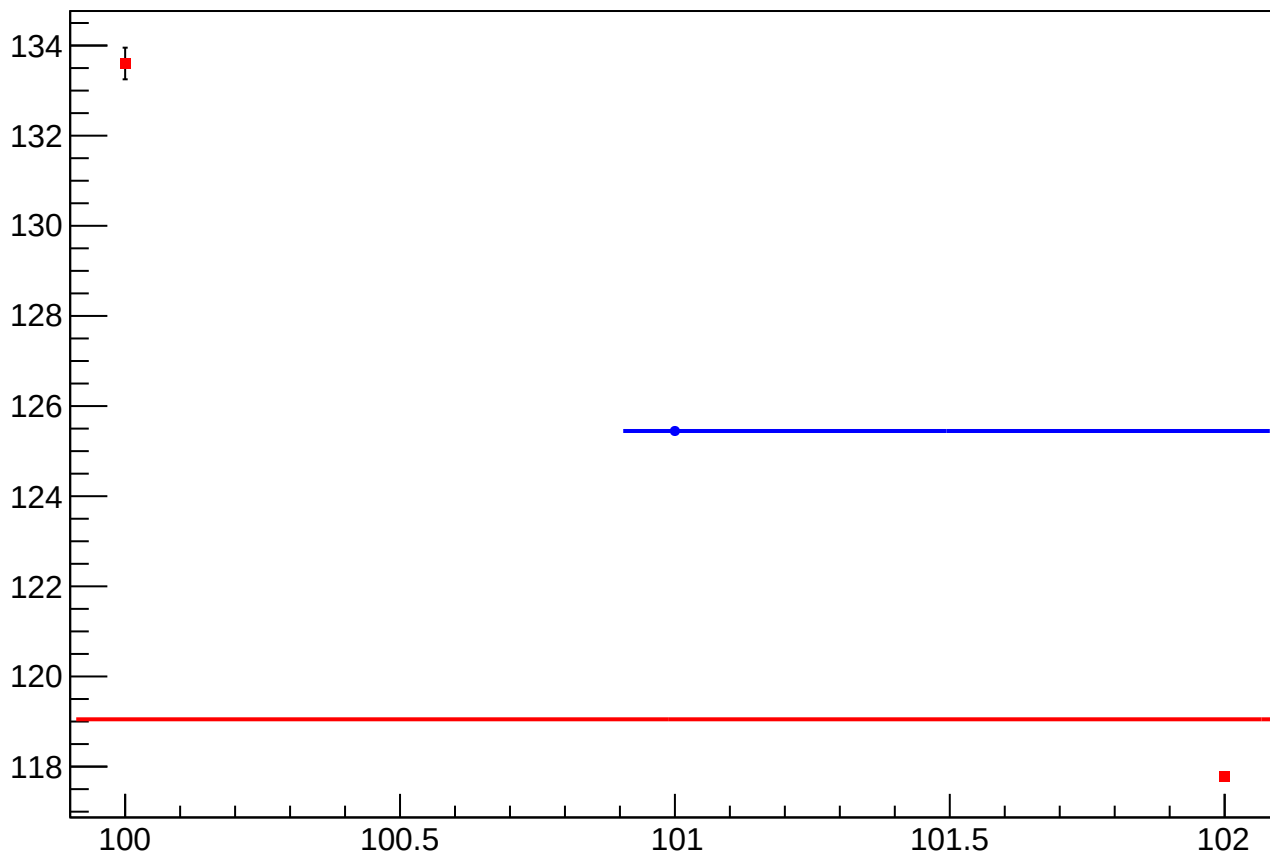
Right: 166.074+/-104.164 χ^2/NDF : 1.9/2

In: 261.289+/-155.640 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.074+/-104.164 χ^2/NDF : 1.9/2

eigen_cor_asym_sam1_rms vs Slug, Sign Corrected



Right In: 125.447 $\pm$ 0.110 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 119.050 $\pm$ 0.099 χ^2 /NDF: 1867.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

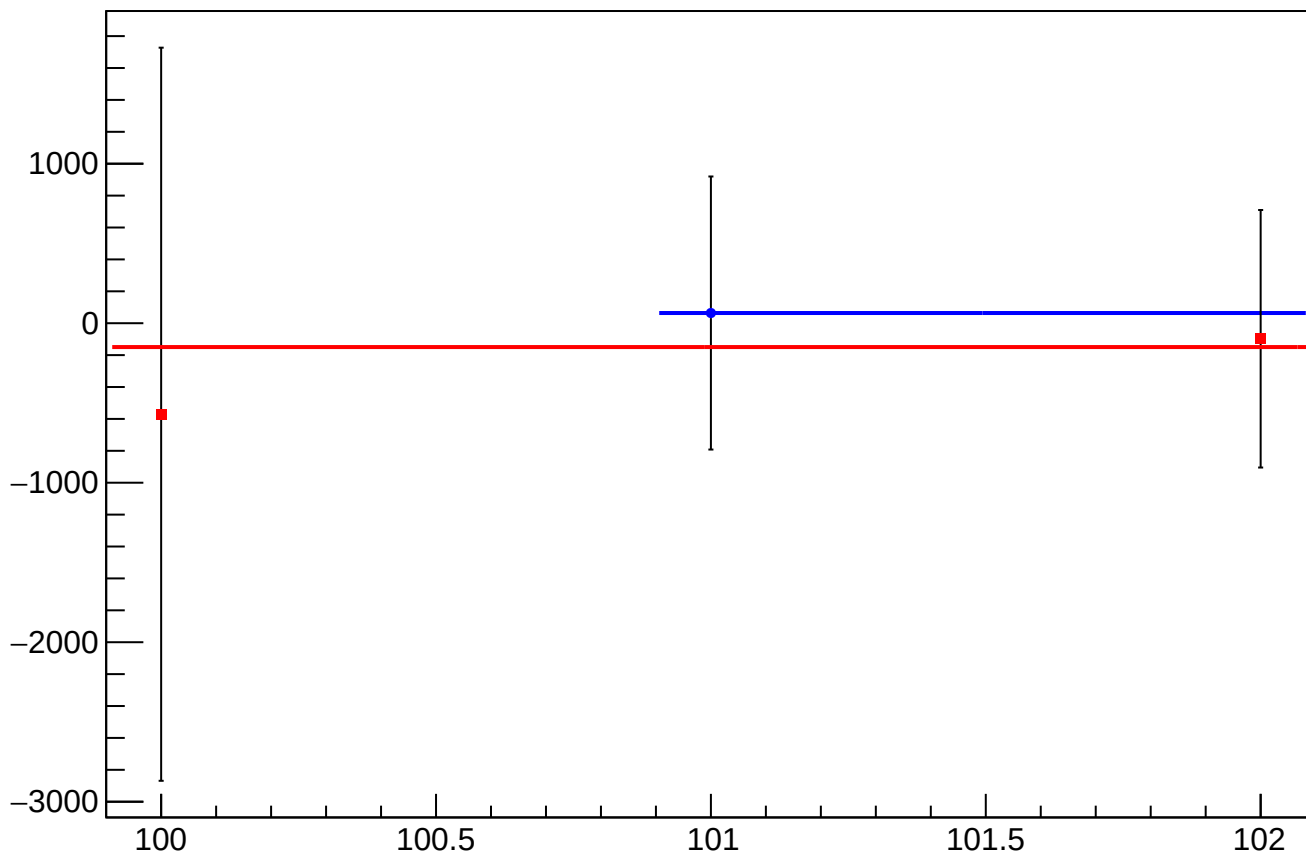
Right: 121.915 $\pm$ 0.074 χ^2 /NDF: 3733.2/2

In: 125.447 $\pm$ 0.110 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 121.915 $\pm$ 0.074 χ^2 /NDF: 3733.2/2

asym_sam1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 63.914+/-855.956 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -149.490+/-761.663 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

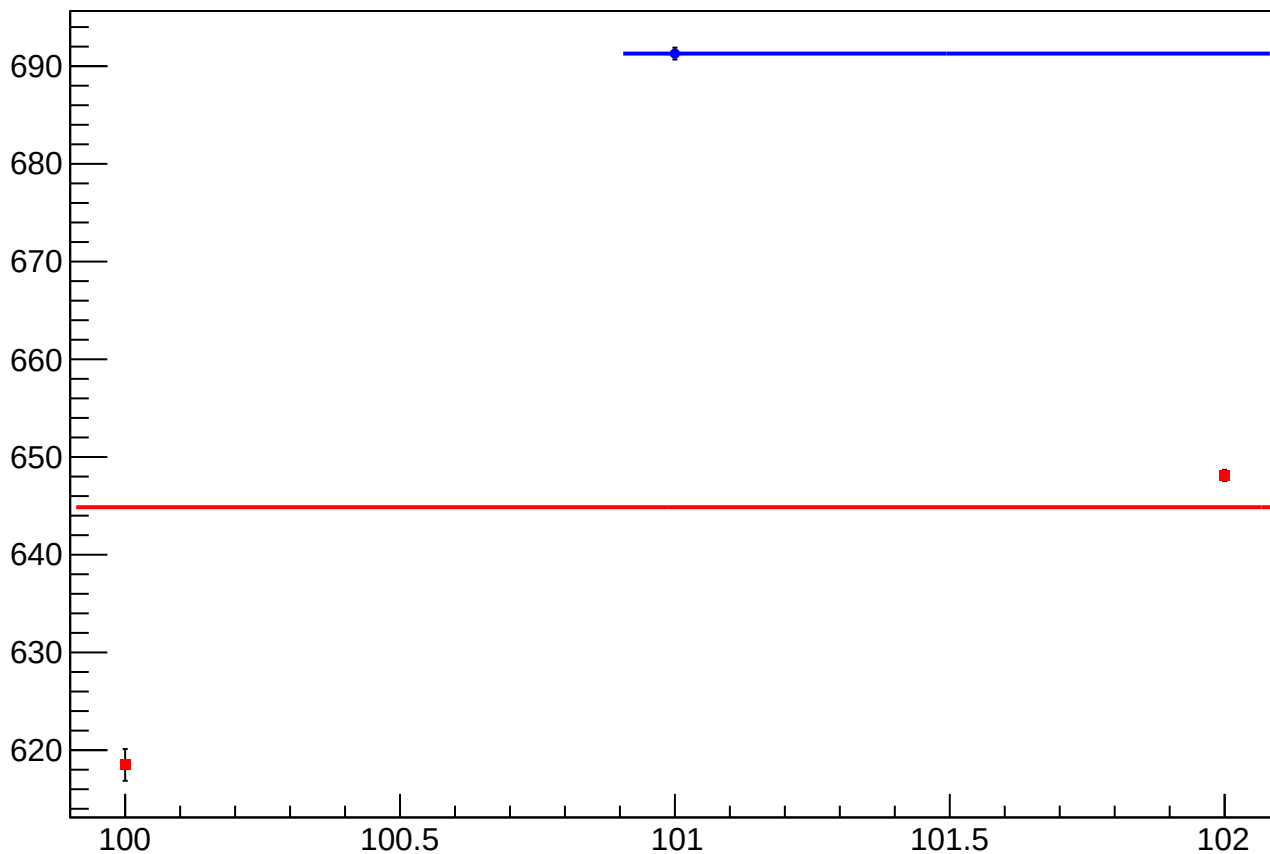
Right: -55.185+/-569.005 χ^2/NDF : 0.1/2

In: 63.914+/-855.956 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.185+/-569.005 χ^2/NDF : 0.1/2

asym_sam1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 691.286 $\pm$ 0.605 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 644.860 $\pm$ 0.539 χ^2 /NDF: 295.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

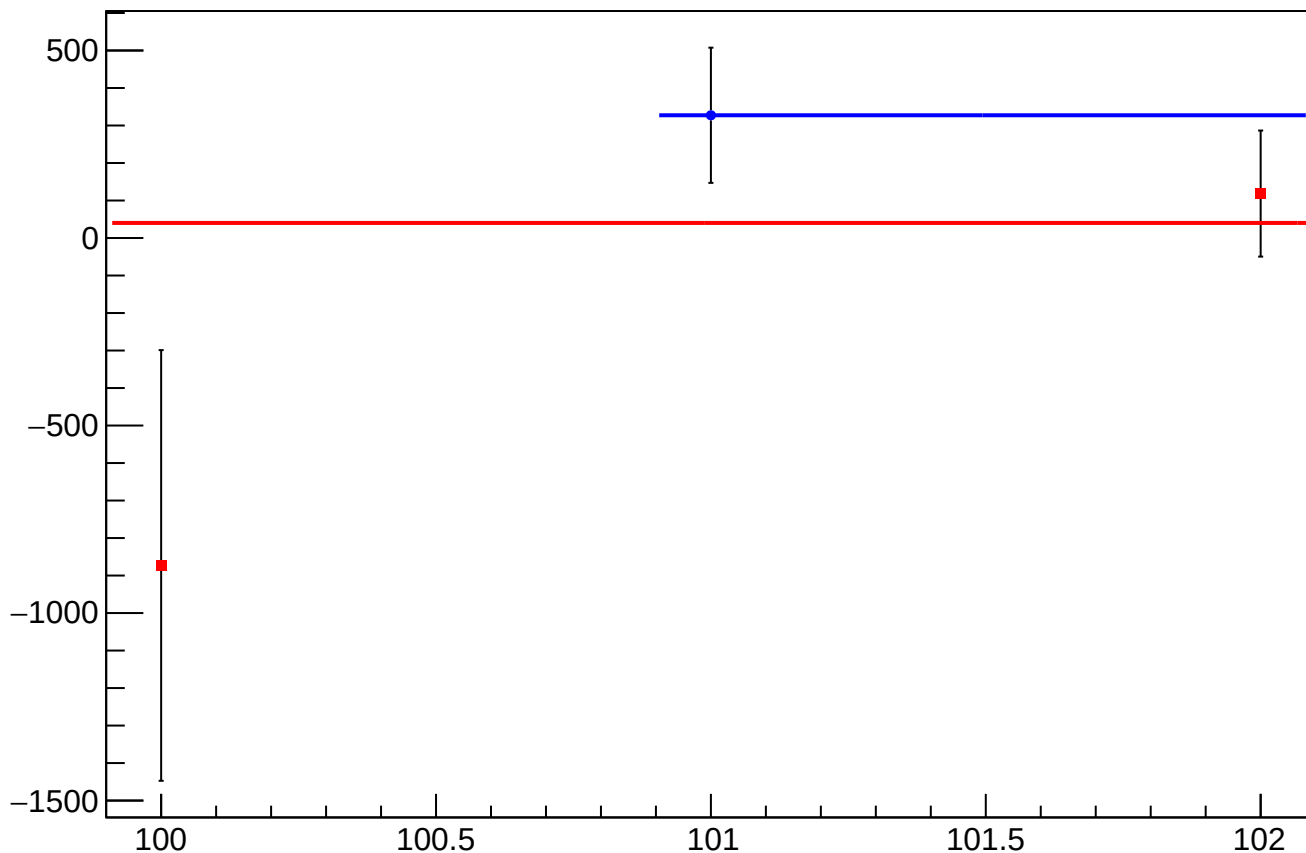
Right: 665.376 $\pm$ 0.402 χ^2 /NDF: 3579.4/2

In: 691.286 $\pm$ 0.605 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 665.376 $\pm$ 0.402 χ^2 /NDF: 3579.4/2

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 327.303 $\pm$ 180.239 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 40.224 $\pm$ 161.311 χ^2 /NDF: 2.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

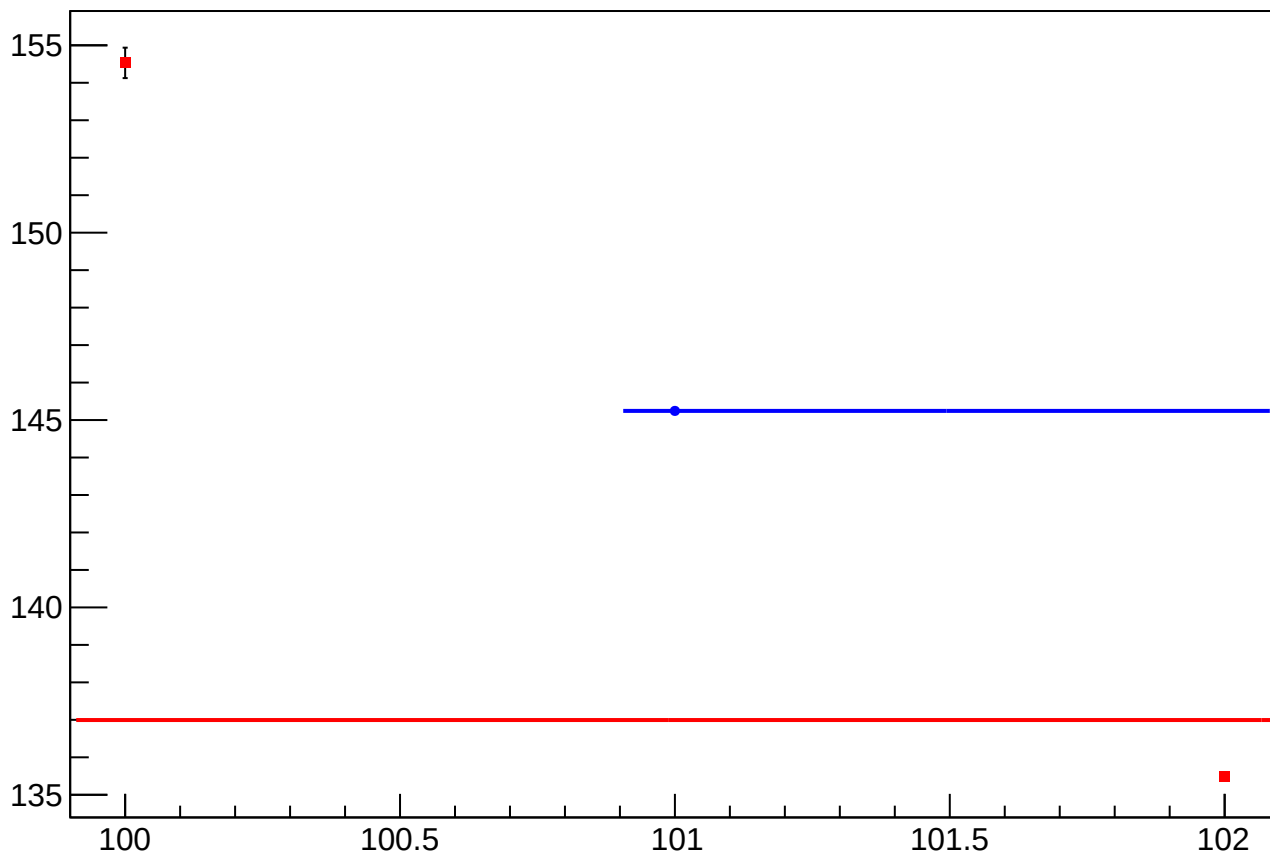
Right: 167.903 $\pm$ 120.201 χ^2 /NDF: 4.2/2

In: 327.303 $\pm$ 180.239 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 167.903 $\pm$ 120.201 χ^2 /NDF: 4.2/2

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 145.244 $\pm$ 0.127 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 136.995 $\pm$ 0.114 χ^2 /NDF: 2025.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

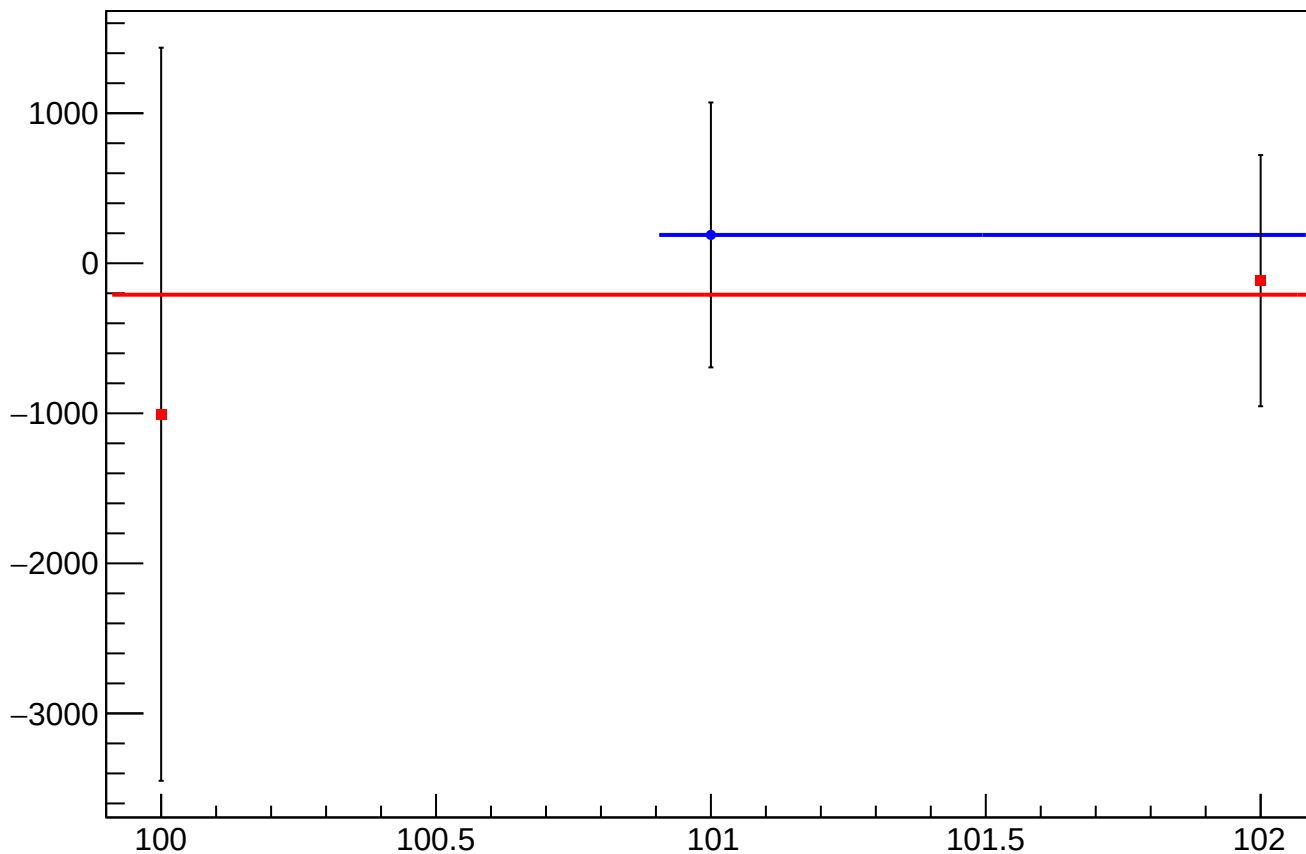
Right: 140.664 $\pm$ 0.085 χ^2 /NDF: 4351.4/2

In: 145.244 $\pm$ 0.127 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 140.664 $\pm$ 0.085 χ^2 /NDF: 4351.4/2

asym_sam1_dit_correction_mean vs Slug, Sign Corrected



Right In: 188.867+/-882.684 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -209.458+/-791.792 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

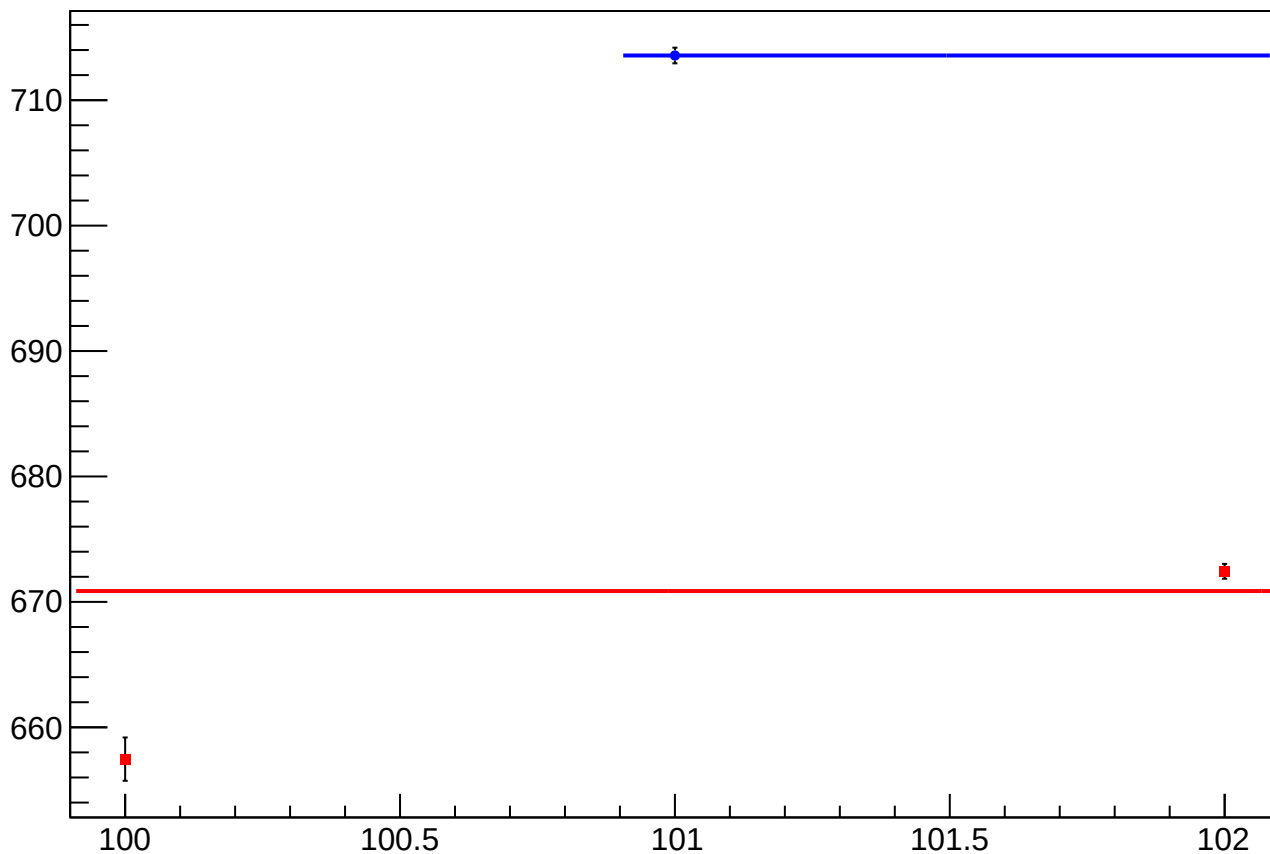
Right: -31.853+/-589.405 χ^2/NDF : 0.2/2

In: 188.867+/-882.684 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.853+/-589.405 χ^2/NDF : 0.2/2

asym_sam1_dit_correction_rms vs Slug, Sign Corrected



Right In: 713.563 $\pm$ 0.624 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 670.866 $\pm$ 0.560 χ^2 /NDF: 67.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

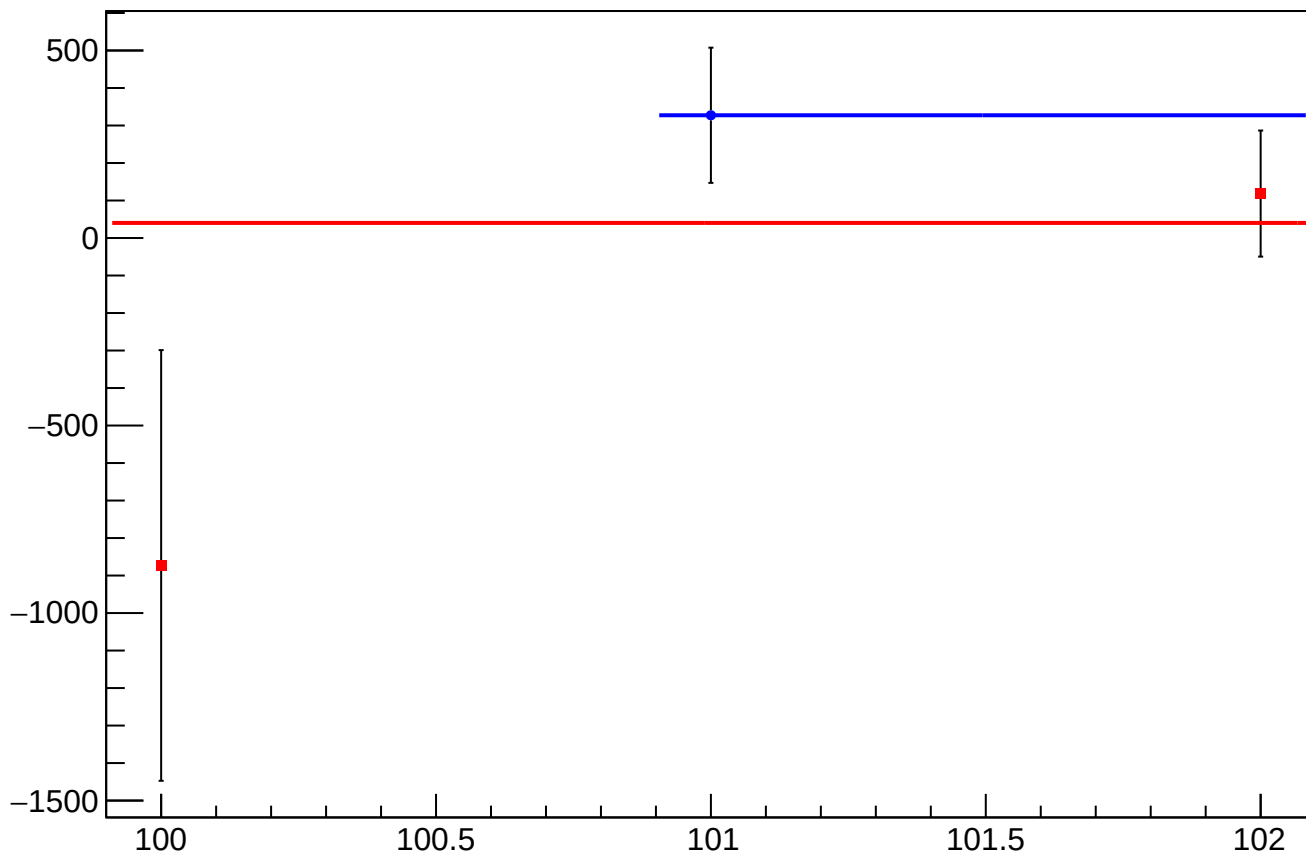
Right: 689.904 $\pm$ 0.417 χ^2 /NDF: 2660.4/2

In: 713.563 $\pm$ 0.624 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 689.904 $\pm$ 0.417 χ^2 /NDF: 2660.4/2

eigen_dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 327.304 $\pm$ 180.239 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 40.224 $\pm$ 161.311 χ^2 /NDF: 2.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

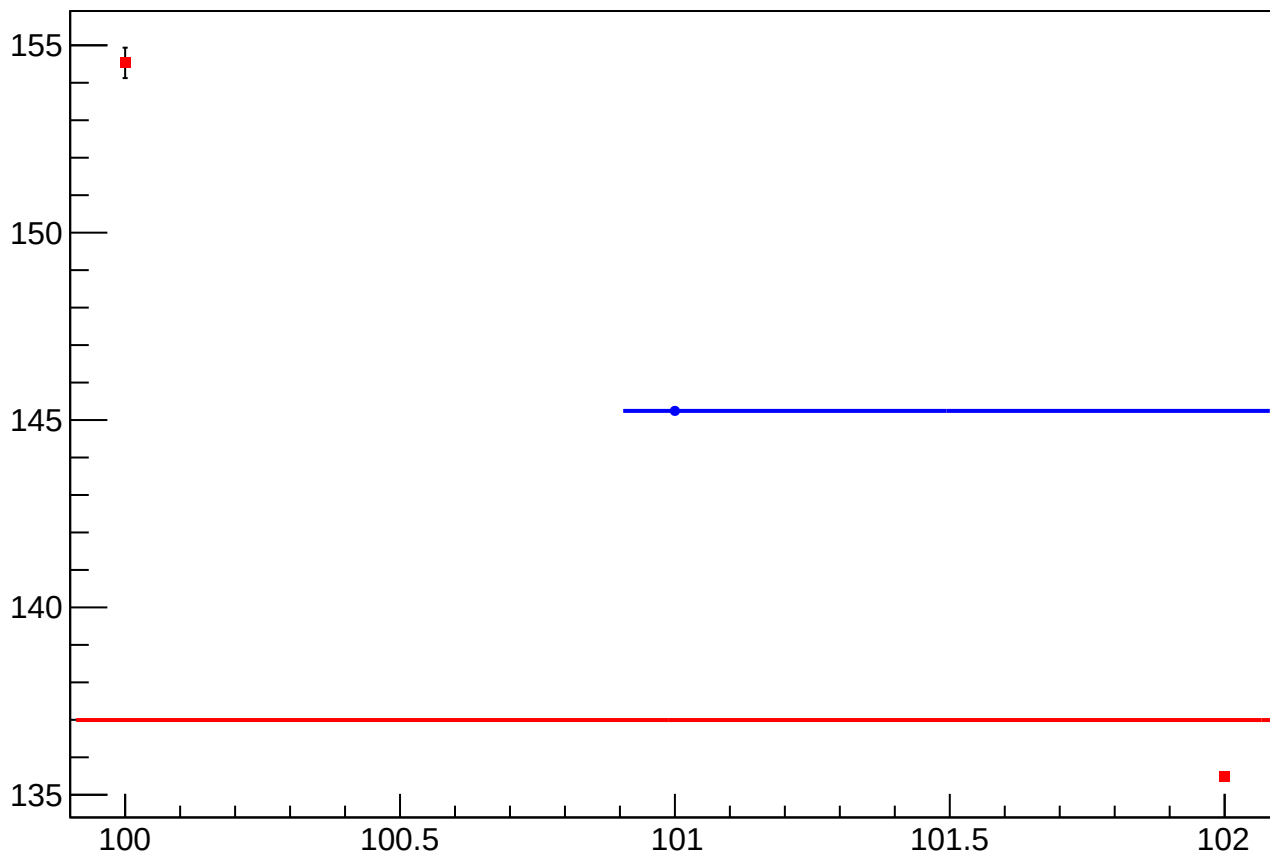
Right: 167.904 $\pm$ 120.201 χ^2 /NDF: 4.2/2

In: 327.304 $\pm$ 180.239 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 167.904 $\pm$ 120.201 χ^2 /NDF: 4.2/2

eigen_dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 145.244+/-0.127 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.995+/-0.114 χ^2/NDF : 2025.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

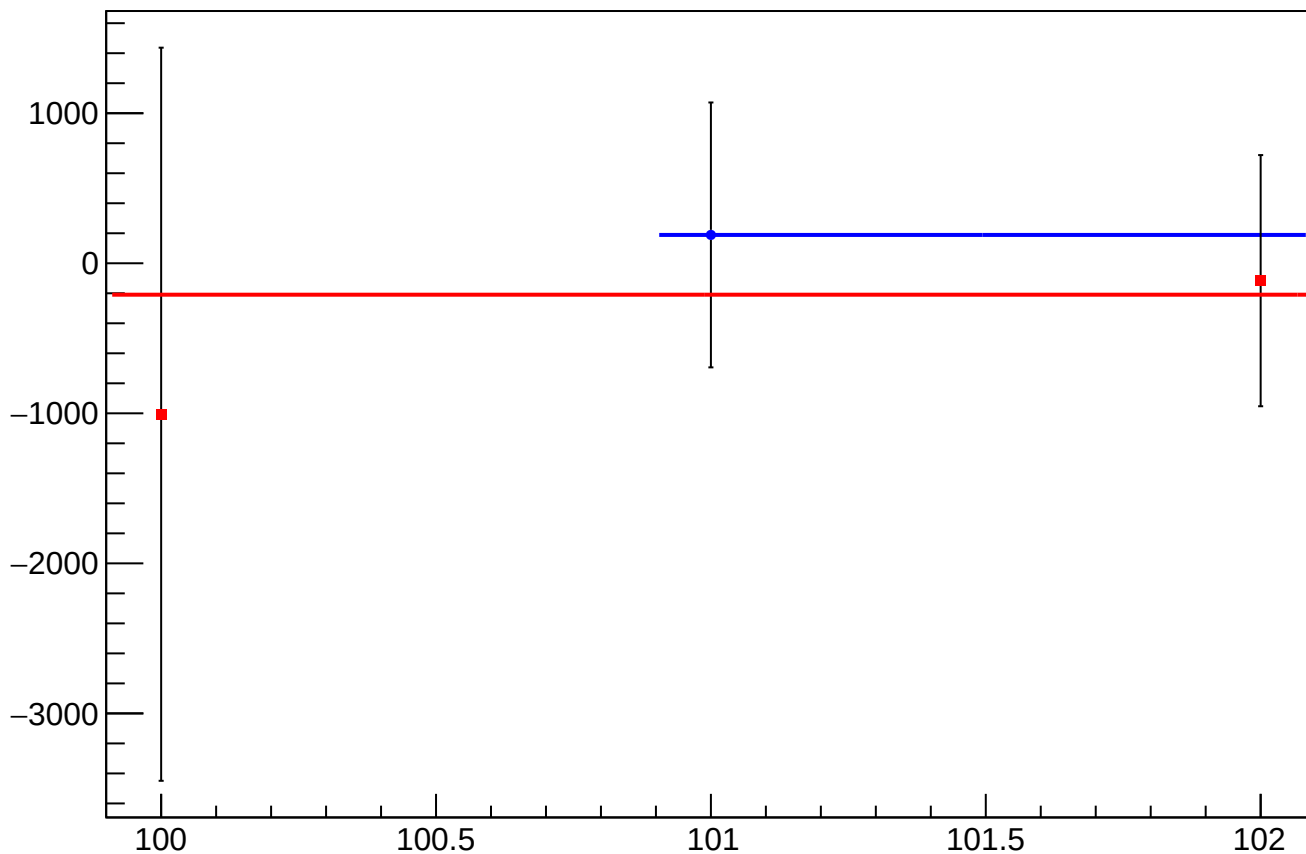
Right: 140.664+/-0.085 χ^2/NDF : 4351.4/2

In: 145.244+/-0.127 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.664+/-0.085 χ^2/NDF : 4351.4/2

asym_sam1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 188.868 $\pm$ 882.683 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -209.458 $\pm$ 791.791 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

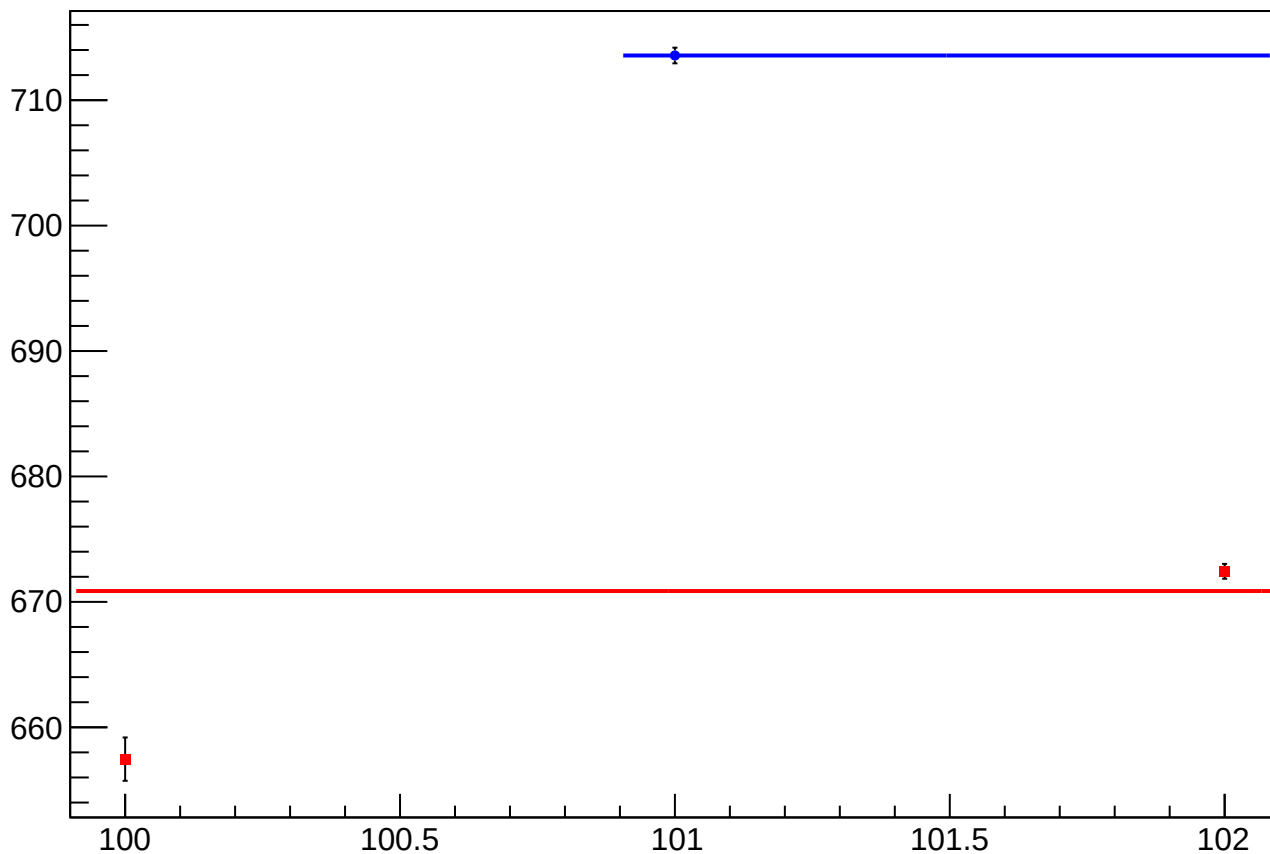
Right: -31.853 $\pm$ 589.404 χ^2 /NDF: 0.2/2

In: 188.868 $\pm$ 882.683 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -31.853 $\pm$ 589.404 χ^2 /NDF: 0.2/2

asym_sam1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 713.562 $\pm$ 0.624 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 670.865 $\pm$ 0.560 χ^2 /NDF: 67.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

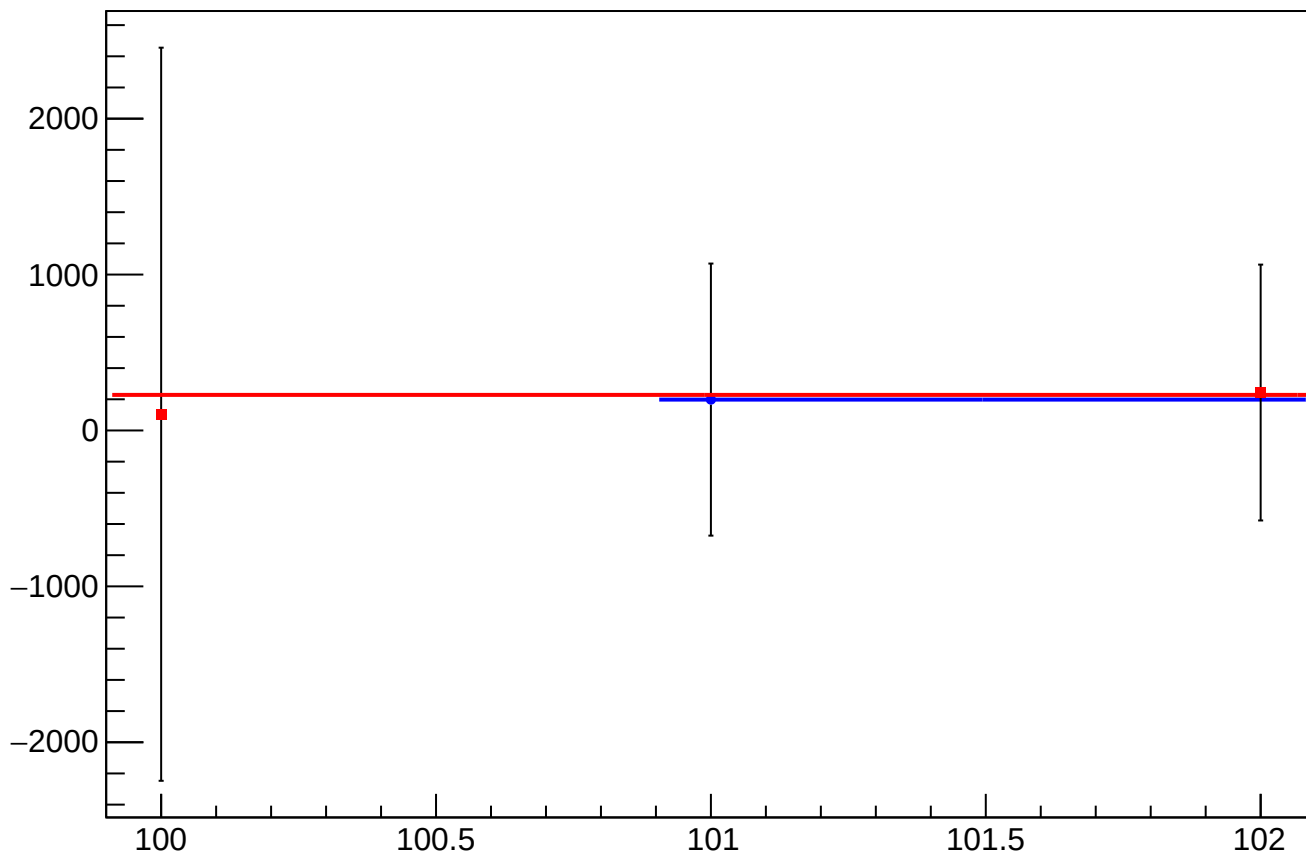
Right: 689.903 $\pm$ 0.417 χ^2 /NDF: 2660.4/2

In: 713.562 $\pm$ 0.624 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 689.903 $\pm$ 0.417 χ^2 /NDF: 2660.4/2

asym_sam1_mean vs Slug, Sign Corrected



Right In: 198.012 $\pm$ 872.573 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 228.149 $\pm$ 774.756 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

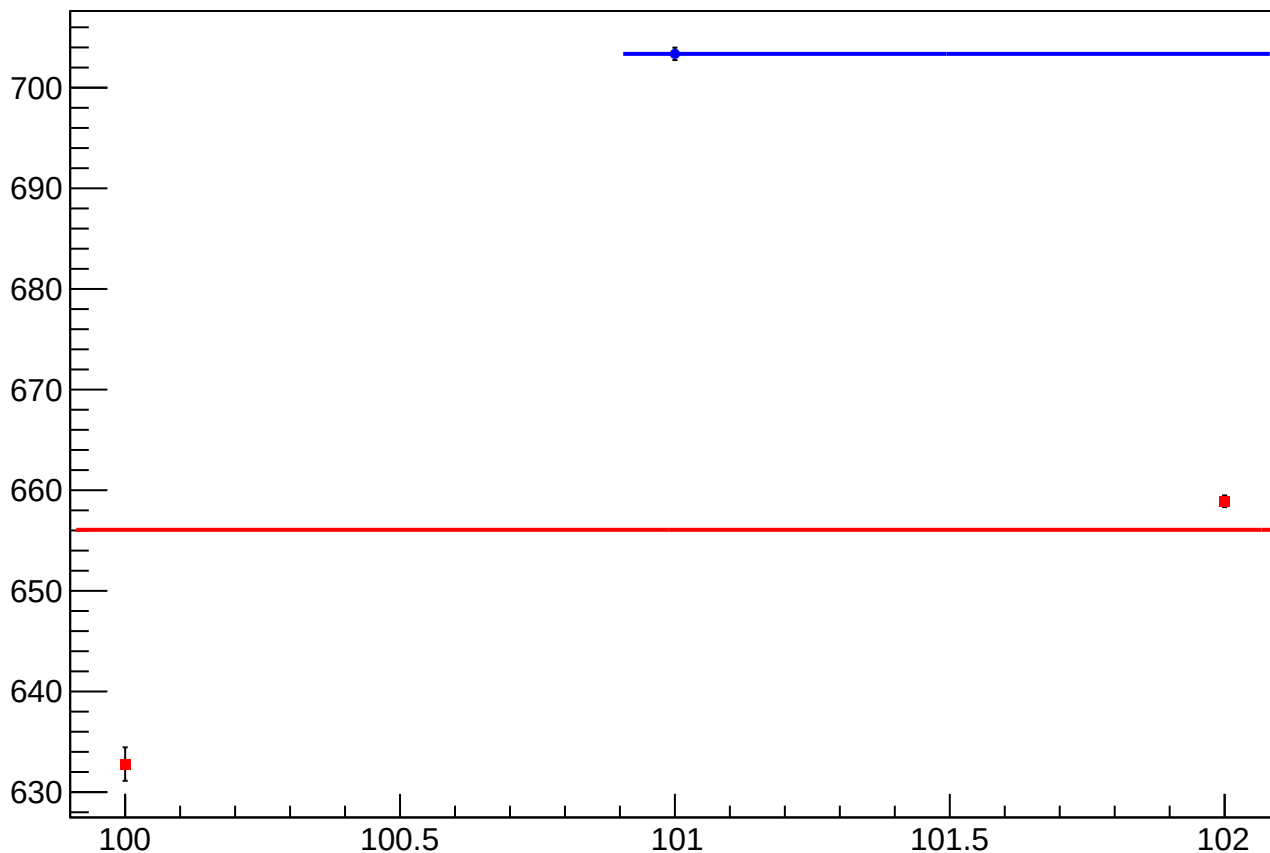
Right: 214.864 $\pm$ 579.345 χ^2 /NDF: 0.0/2

In: 198.012 $\pm$ 872.573 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 214.864 $\pm$ 579.345 χ^2 /NDF: 0.0/2

asym_sam1_rms vs Slug, Sign Corrected



Right In: 703.360 $\pm$ 0.617 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 656.067 $\pm$ 0.548 χ^2 /NDF: 219.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

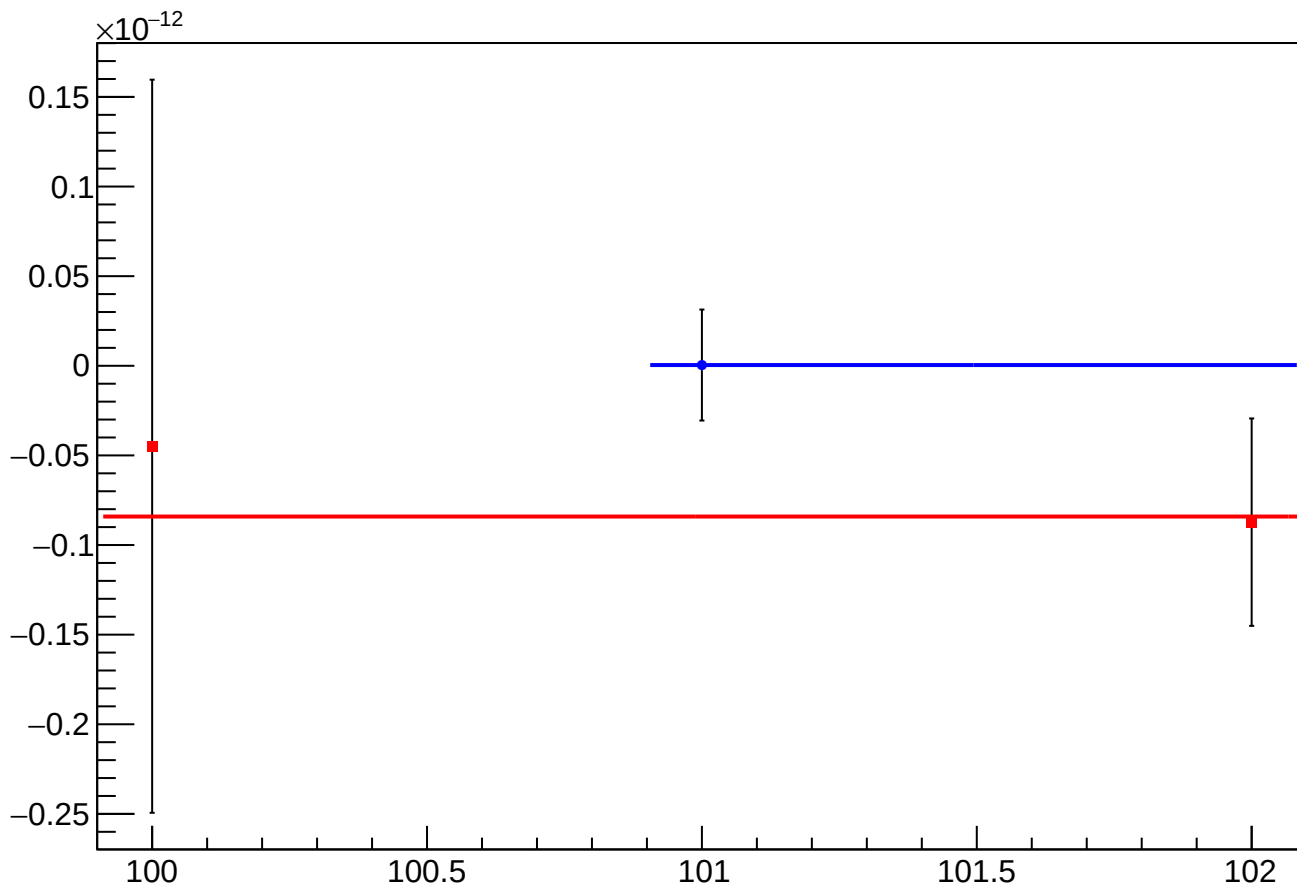
Right: 676.915 $\pm$ 0.410 χ^2 /NDF: 3505.1/2

In: 703.360 $\pm$ 0.617 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 676.915 $\pm$ 0.410 χ^2 /NDF: 3505.1/2

asym_sam1_reg_vs_cor_diff_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 : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

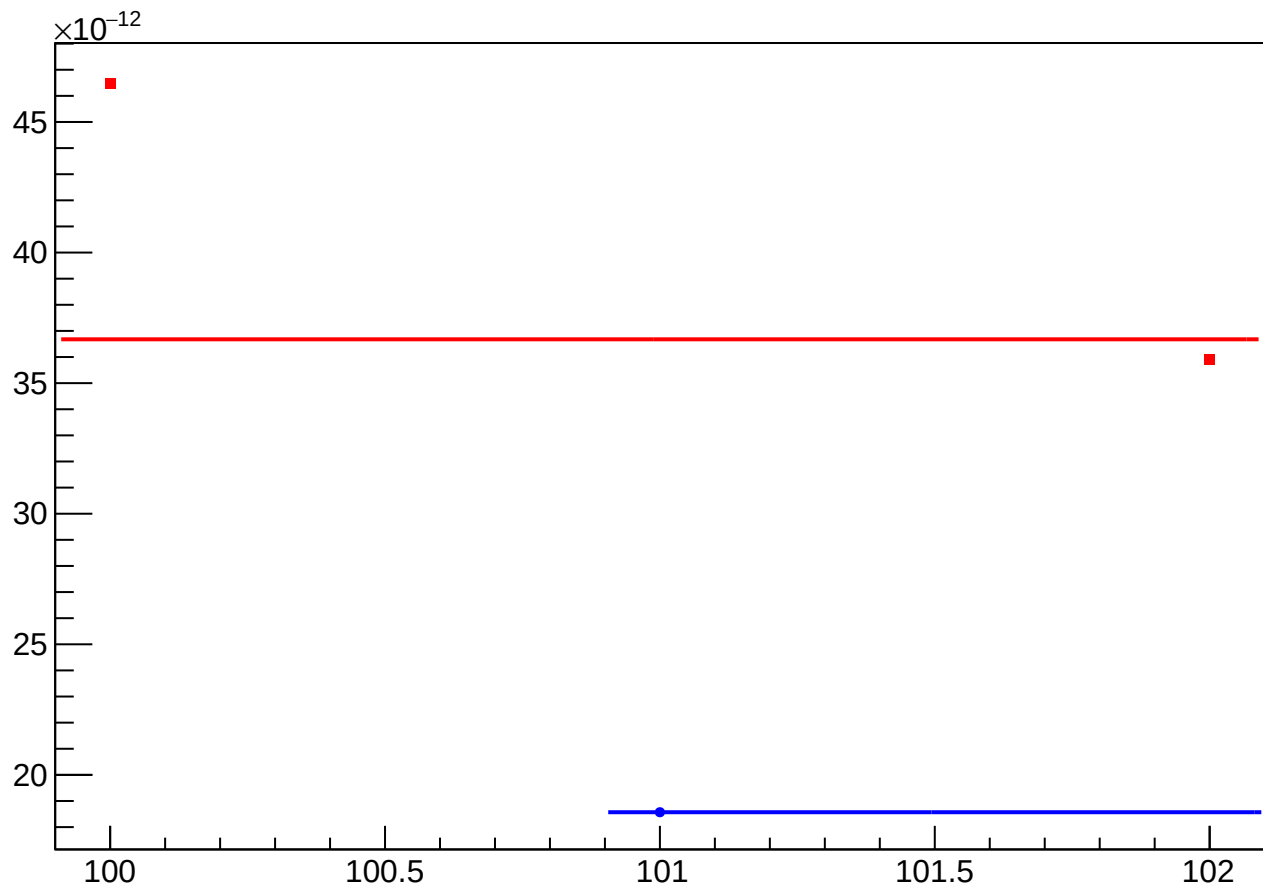
Right: -0.000+/-0.000 χ^2/NDF : 1.8/2

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 : 1.8/2

asym_sam1_reg_vs_cor_diff_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 : 4957.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

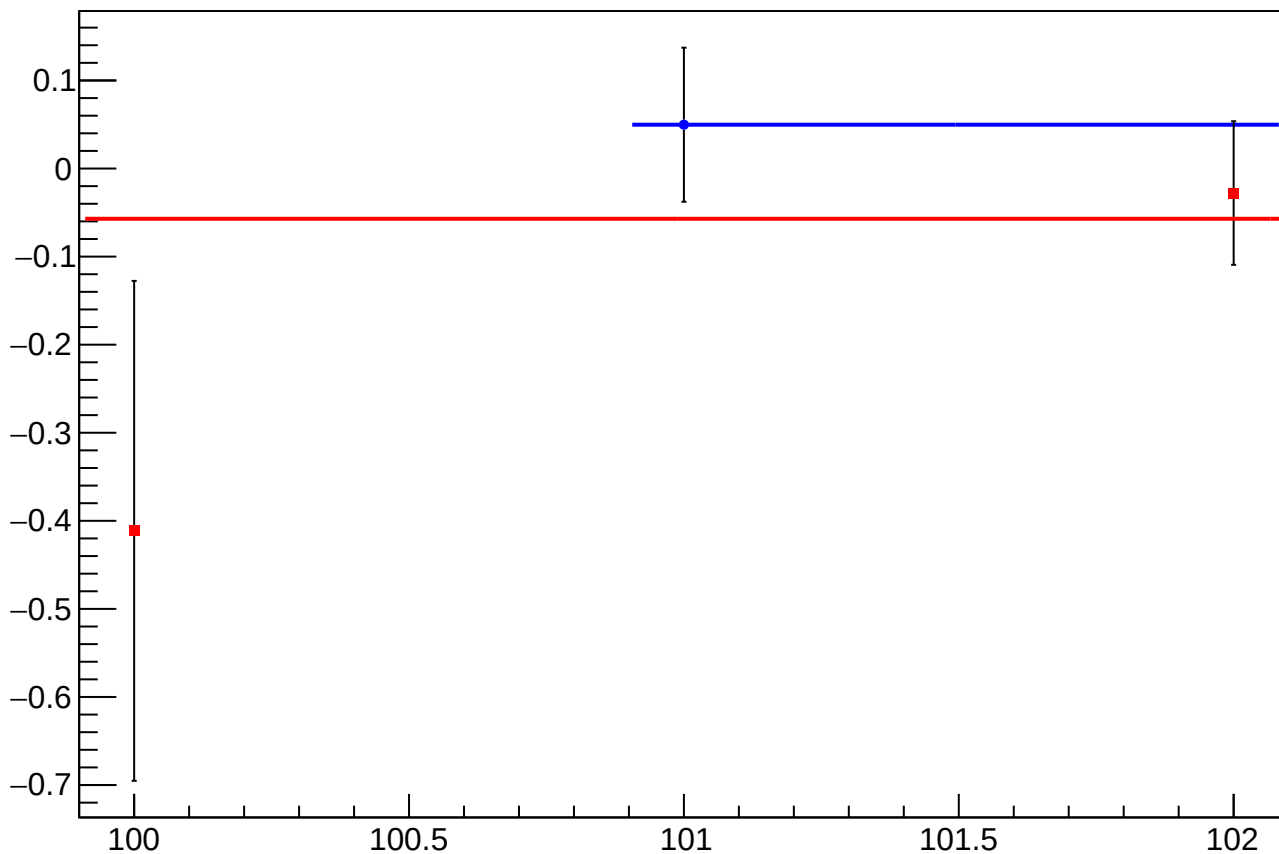
Right: 0.000+/-0.000 χ^2/NDF : 166605.4/2

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 : 166605.4/2

asym_sam1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.050 $\pm$ 0.087 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.057 $\pm$ 0.078 χ^2 /NDF: 1.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

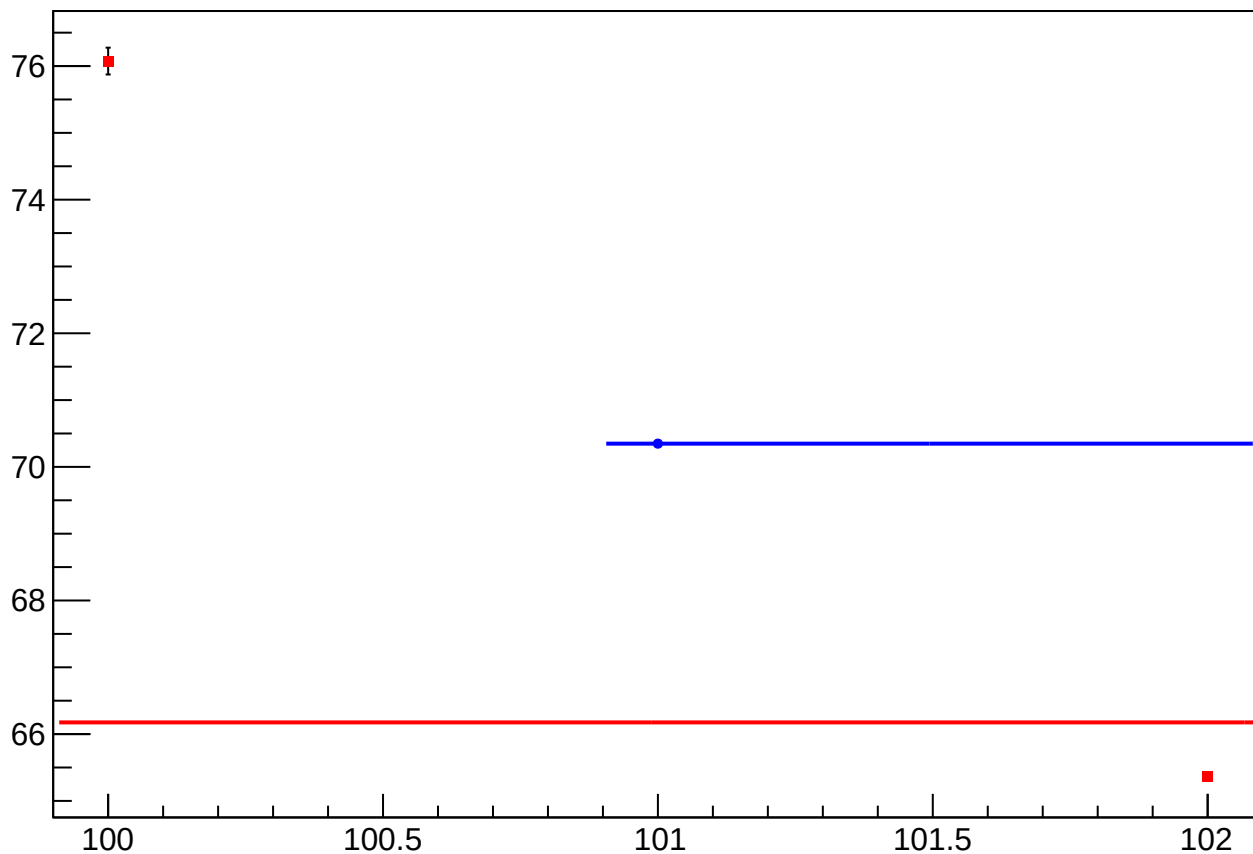
Right: -0.010 $\pm$ 0.058 χ^2 /NDF: 2.5/2

In: 0.050 $\pm$ 0.087 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.010 $\pm$ 0.058 χ^2 /NDF: 2.5/2

asym_sam1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.348+/-0.062 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 66.175+/-0.055 χ^2 /NDF: 2634.2/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

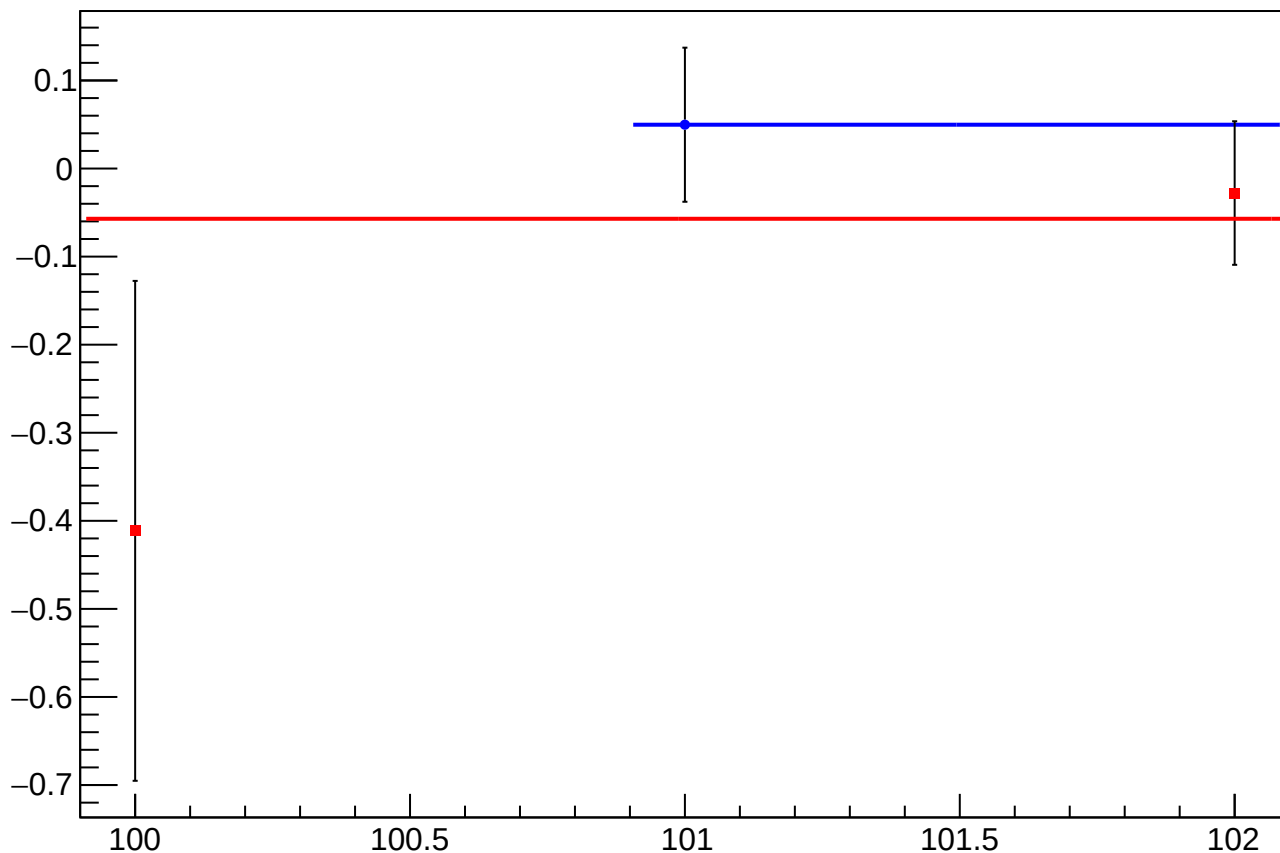
Right: 68.032+/-0.041 χ^2 /NDF: 5159.7/2

In: 70.348+/-0.062 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 68.032+/-0.041 χ^2 /NDF: 5159.7/2

asym_sam1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.050 $\pm$ 0.087 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.057 $\pm$ 0.078 χ^2 /NDF: 1.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

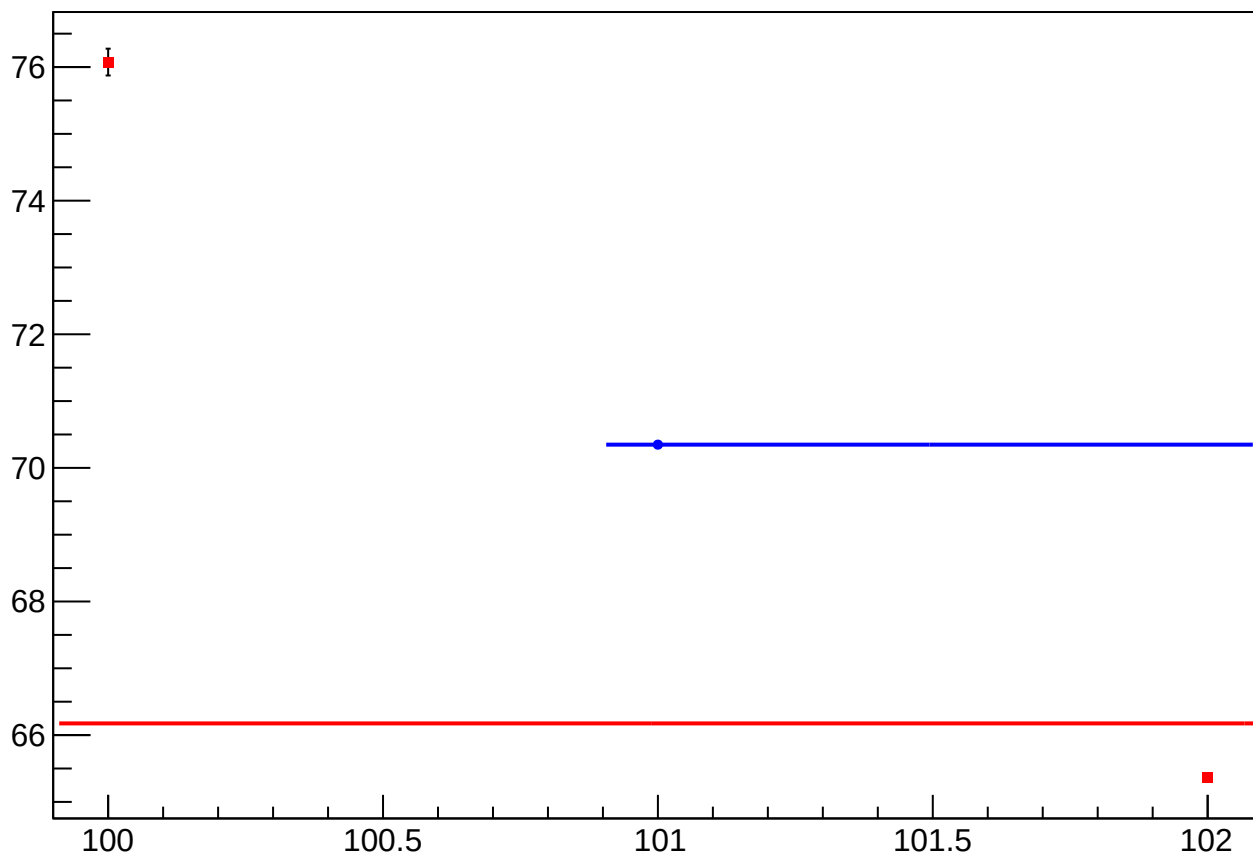
Right: -0.010 $\pm$ 0.058 χ^2 /NDF: 2.5/2

In: 0.050 $\pm$ 0.087 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.010 $\pm$ 0.058 χ^2 /NDF: 2.5/2

asym_sam1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.348+/-0.062 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 66.175+/-0.055 χ^2 /NDF: 2634.2/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

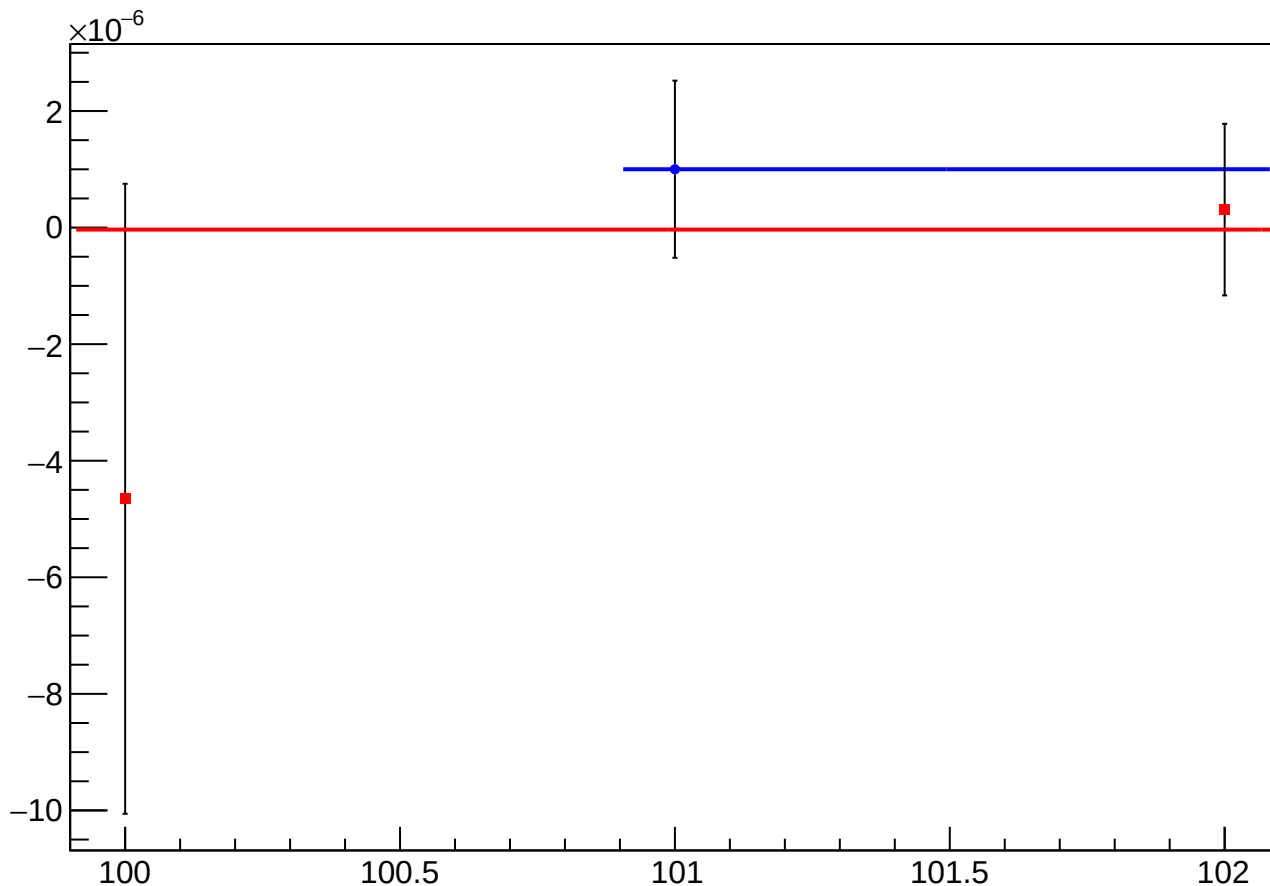
Right: 68.032+/-0.041 χ^2 /NDF: 5159.7/2

In: 70.348+/-0.062 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 68.032+/-0.041 χ^2 /NDF: 5159.7/2

asym_sam1_eigen_dit_vs_dit_diff_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: 0.8/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

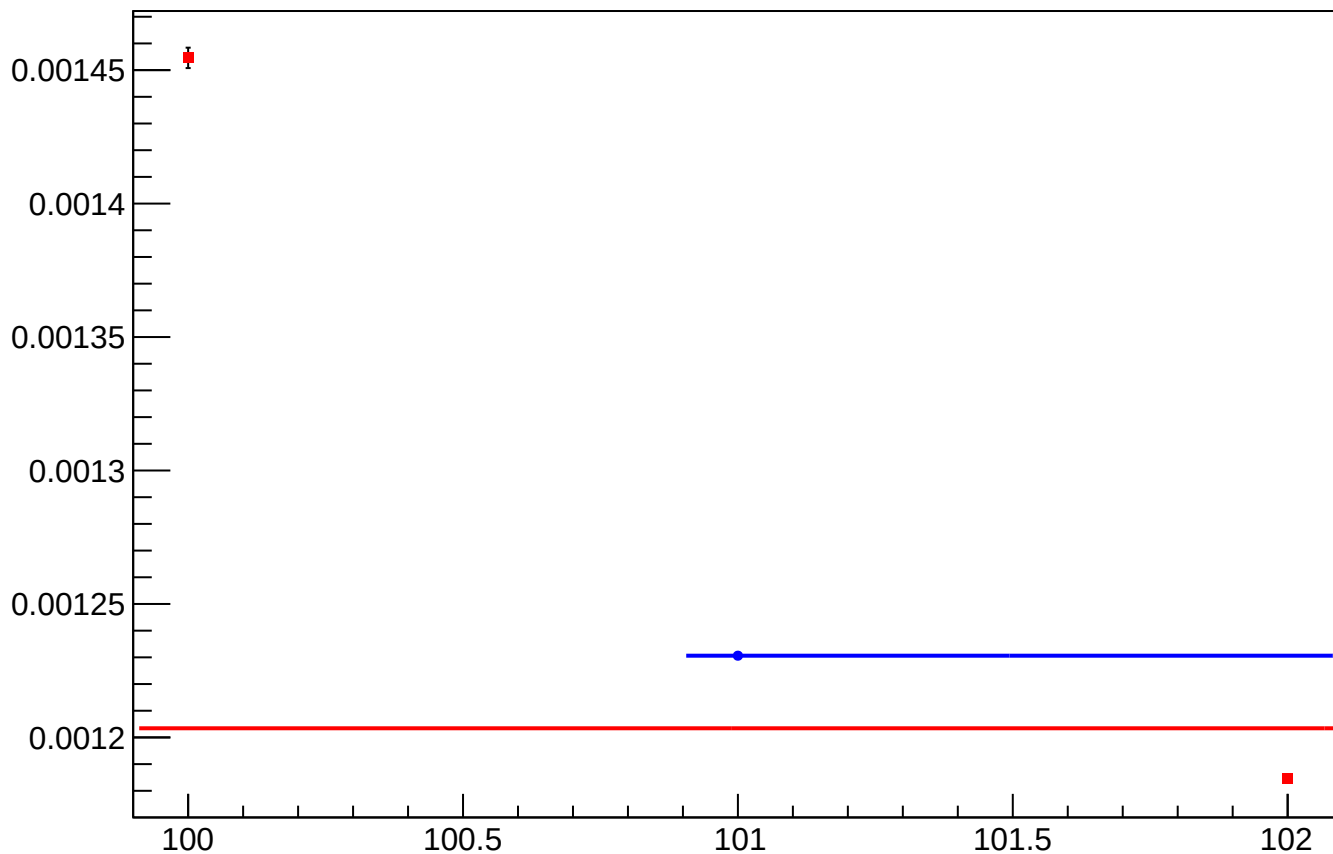
Right: 0.000+/-0.000 χ^2 /NDF: 1.0/2

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: 1.0/2

asym_sam1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4639.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

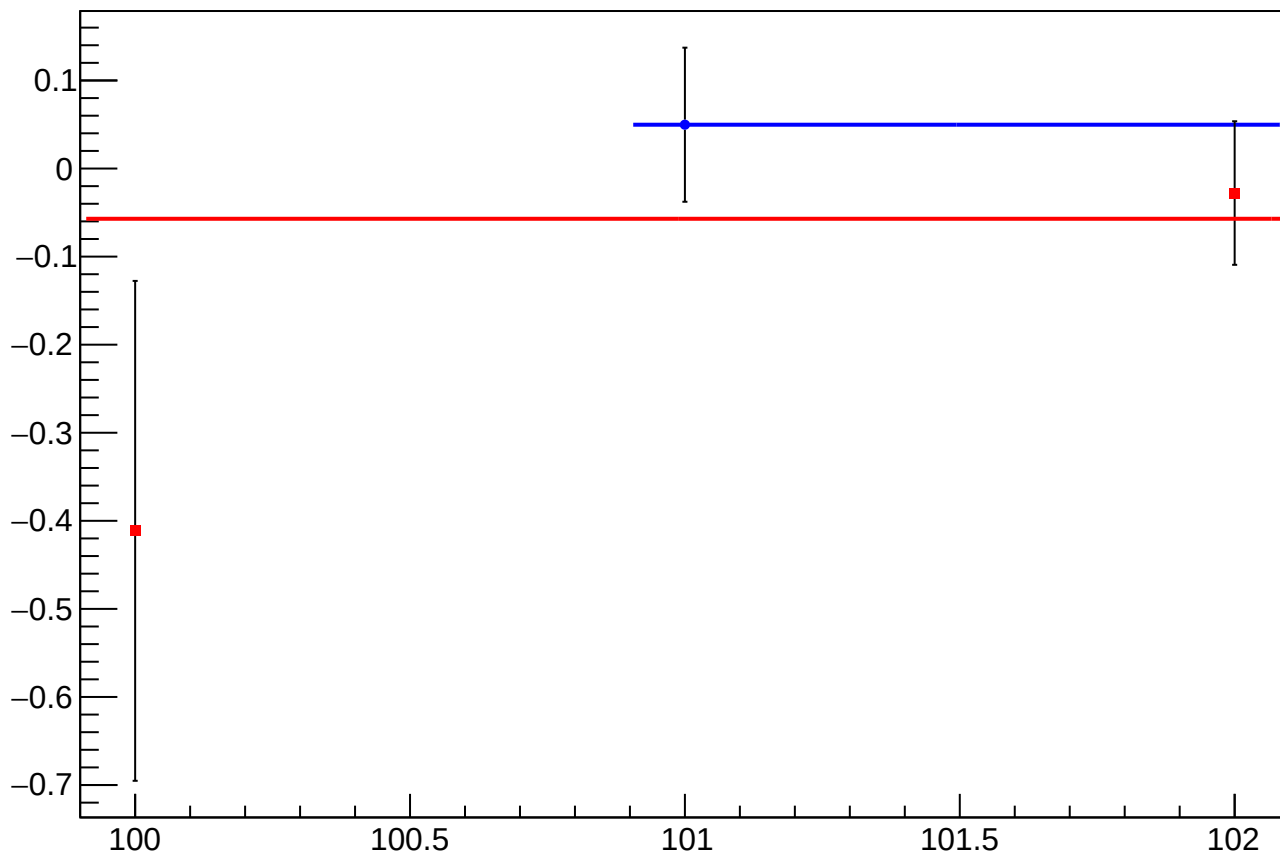
Right: 0.001+/-0.000 χ^2/NDF : 4981.5/2

In: 0.001+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4981.5/2

asym_sam1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.050 $\pm$ 0.087 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.057 $\pm$ 0.078 χ^2 /NDF: 1.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

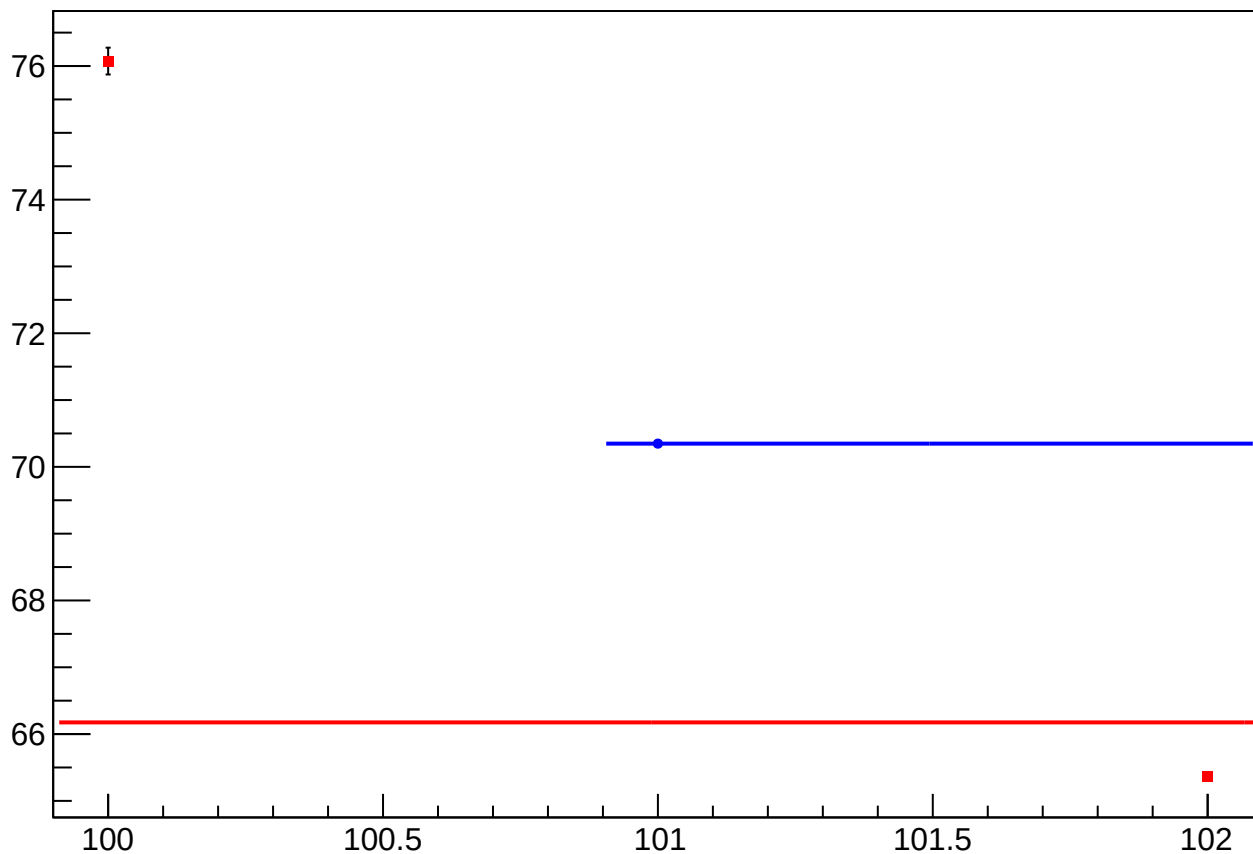
Right: -0.010 $\pm$ 0.058 χ^2 /NDF: 2.5/2

In: 0.050 $\pm$ 0.087 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.010 $\pm$ 0.058 χ^2 /NDF: 2.5/2

asym_sam1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.348 $\pm$ 0.062 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 66.175 $\pm$ 0.055 χ^2 /NDF: 2634.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

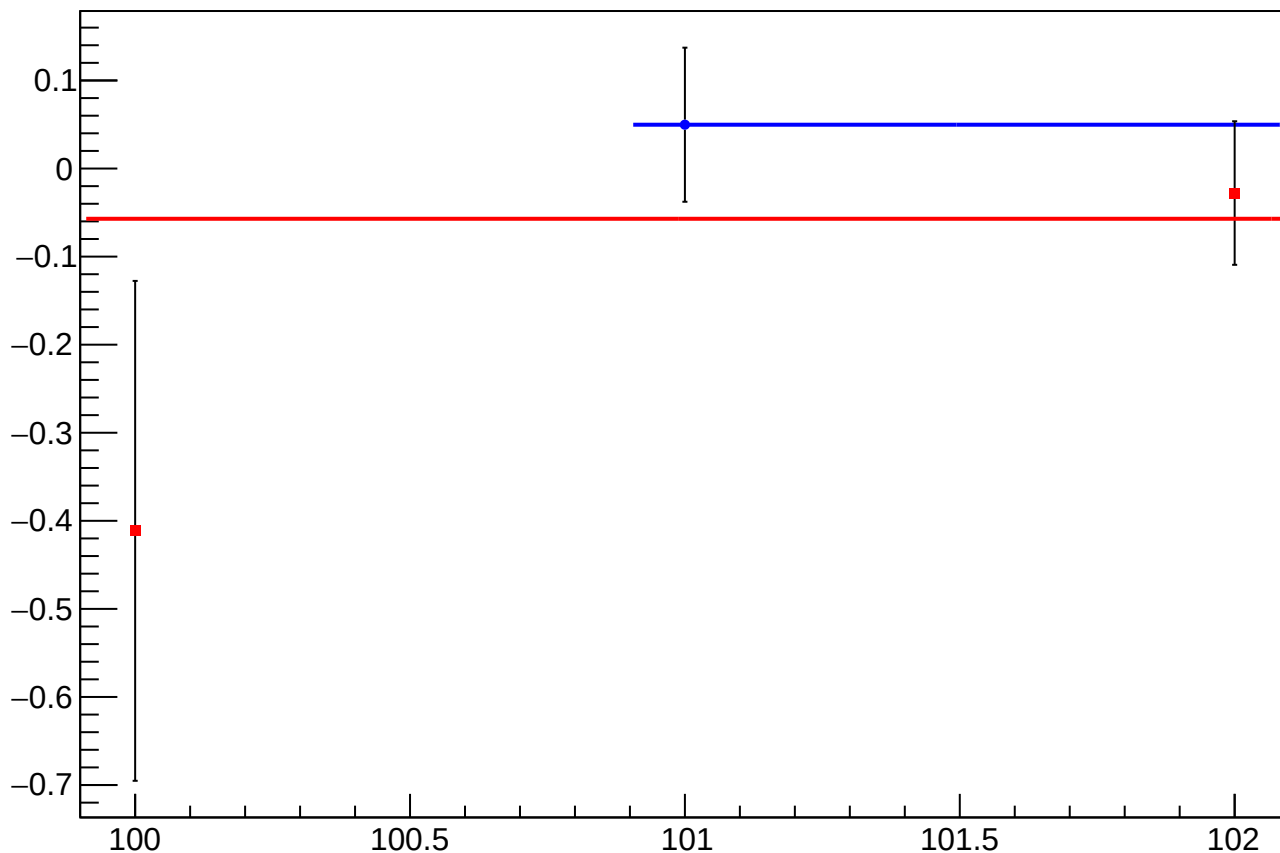
Right: 68.032 $\pm$ 0.041 χ^2 /NDF: 5159.8/2

In: 70.348 $\pm$ 0.062 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 68.032 $\pm$ 0.041 χ^2 /NDF: 5159.8/2

asym_sam1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.050+/-0.087 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.057+/-0.078 χ^2/NDF : 1.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

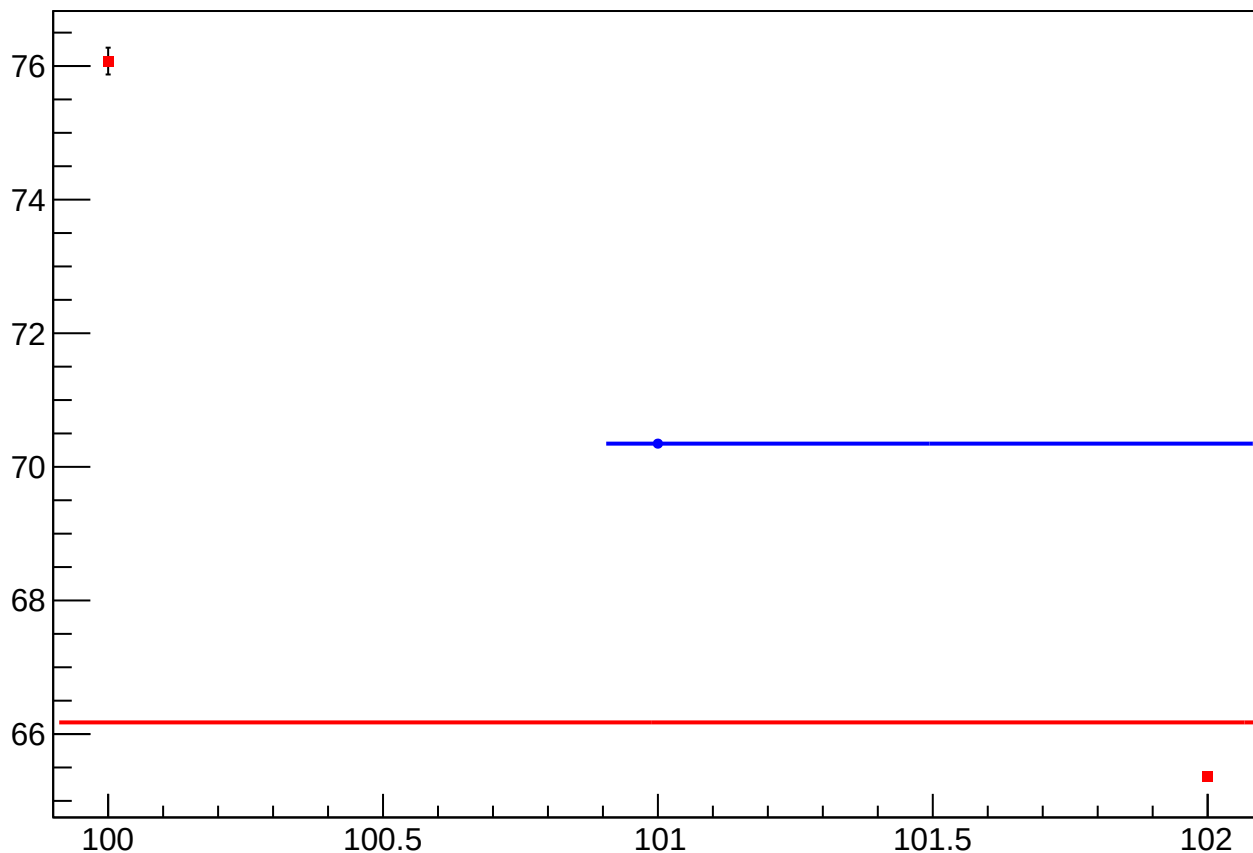
Right: -0.010+/-0.058 χ^2/NDF : 2.5/2

In: 0.050+/-0.087 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.058 χ^2/NDF : 2.5/2

asym_sam1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.348 $\pm$ 0.062 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 66.175 $\pm$ 0.055 χ^2 /NDF: 2634.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

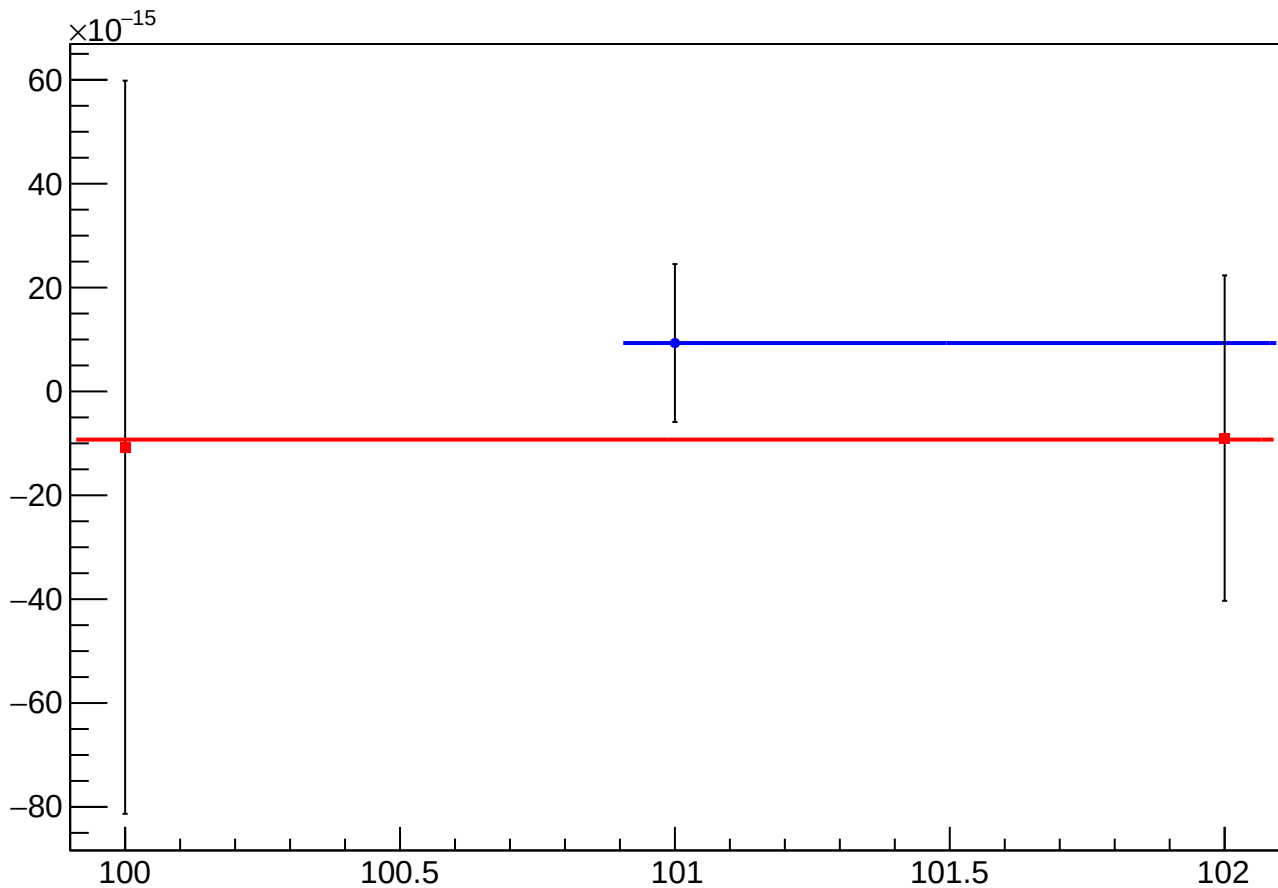
Right: 68.032 $\pm$ 0.041 χ^2 /NDF: 5159.8/2

In: 70.348 $\pm$ 0.062 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 68.032 $\pm$ 0.041 χ^2 /NDF: 5159.8/2

asym_sam1_eigen_cor_vs_cor_diff_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 : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

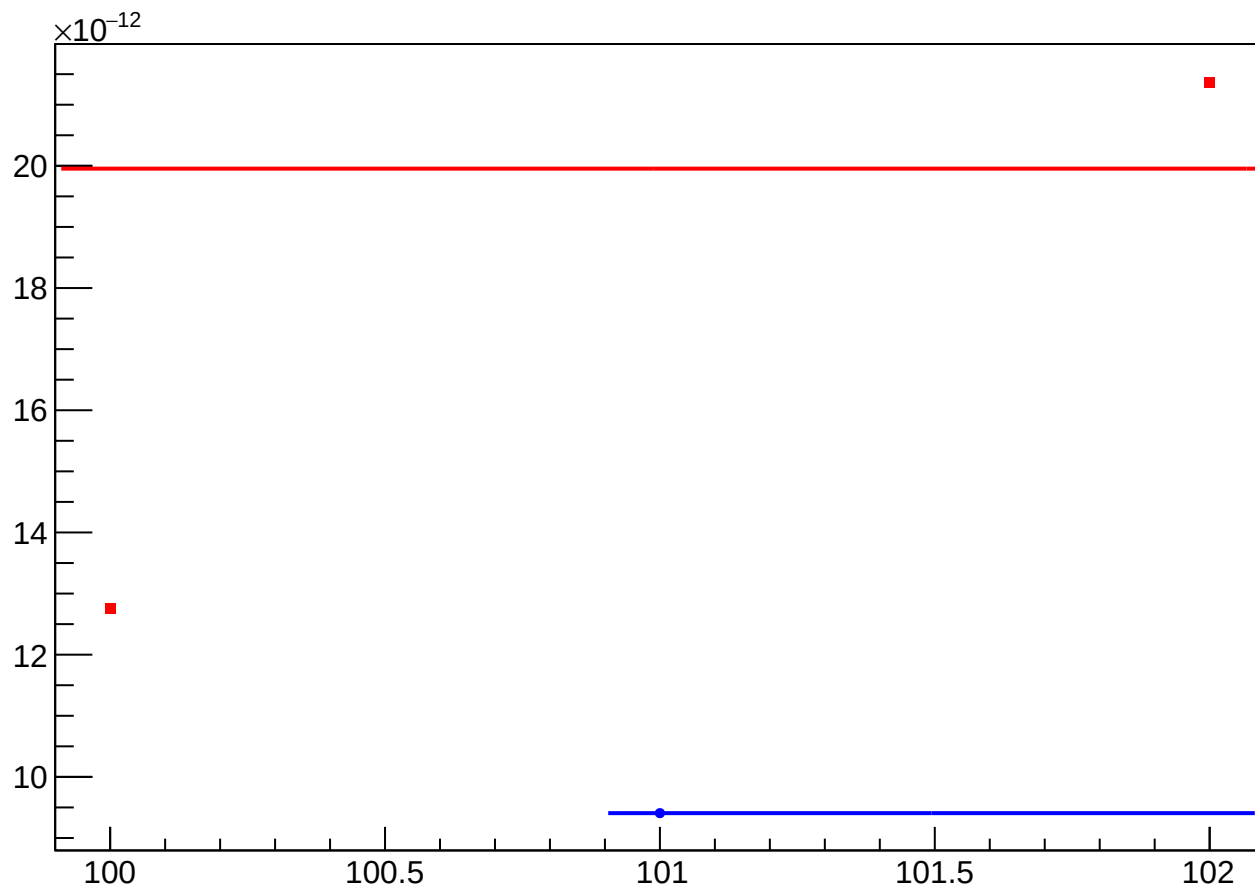
Right: 0.000+/-0.000 χ^2/NDF : 0.3/2

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 : 0.3/2

asym_sam1_eigen_cor_vs_cor_diff_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 : 24874.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

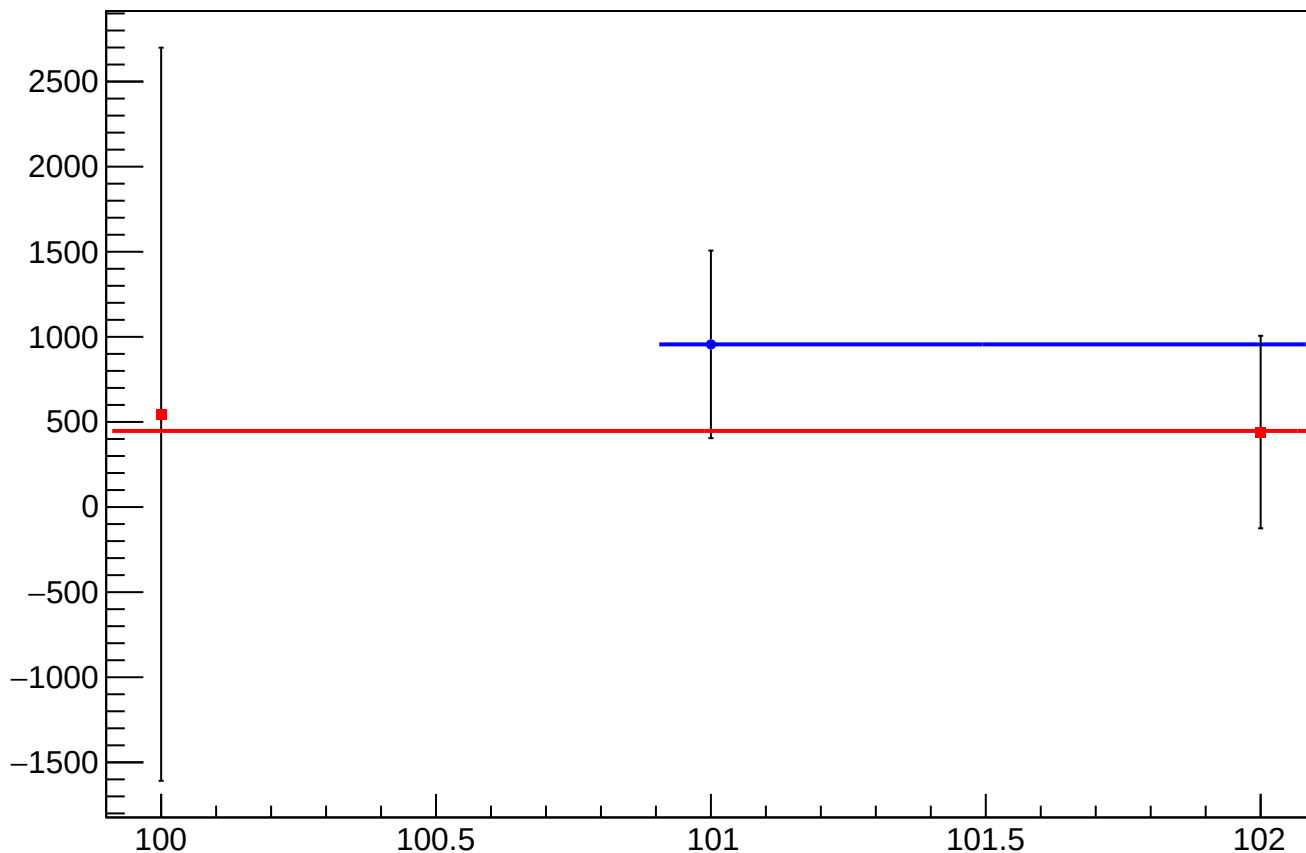
Right: 0.000+/-0.000 χ^2/NDF : 236536.0/2

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 : 236536.0/2

reg_asym_sam2_mean vs Slug, Sign Corrected



Right In: 955.798 $\pm$ 551.034 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 447.323 $\pm$ 547.024 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

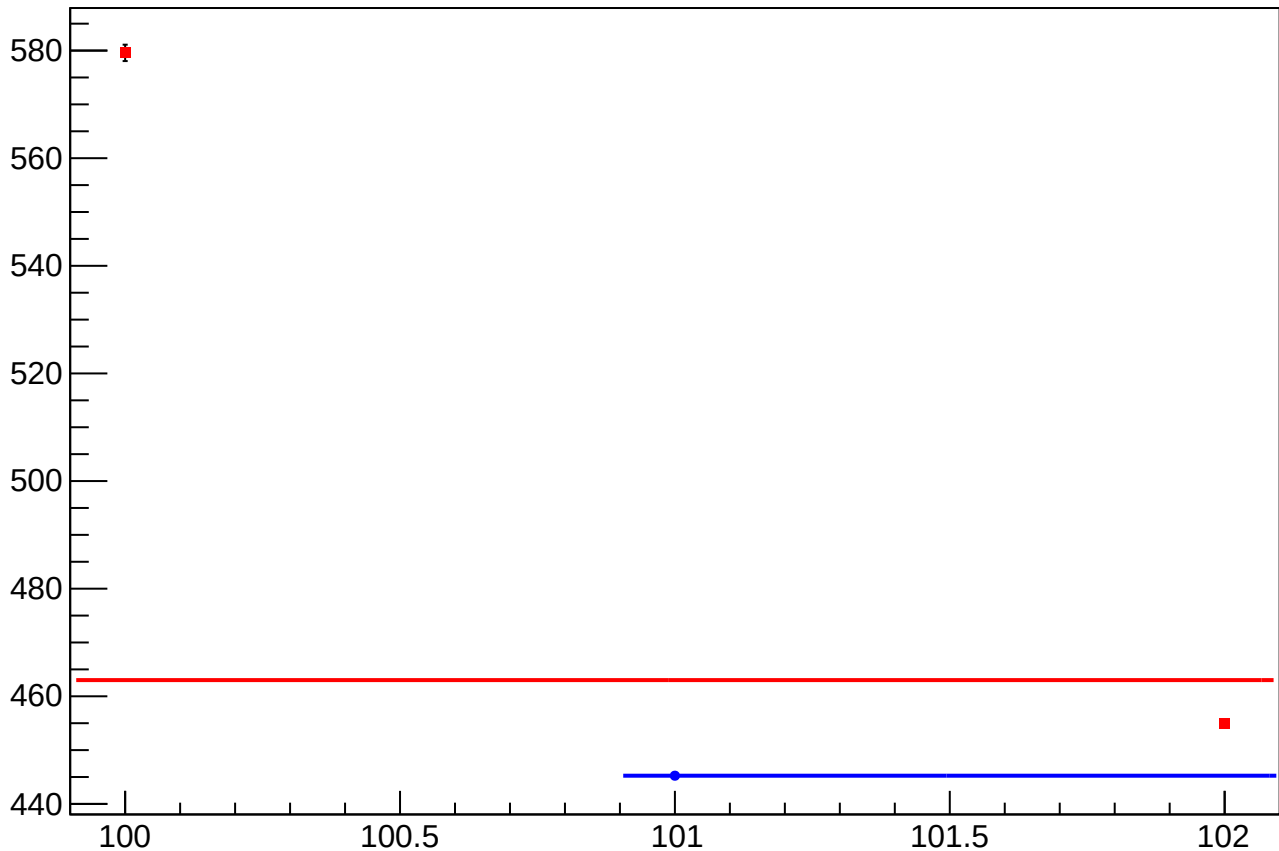
Right: 699.704 $\pm$ 388.214 χ^2 /NDF: 0.4/2

In: 955.798 $\pm$ 551.034 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 699.704 $\pm$ 388.214 χ^2 /NDF: 0.4/2

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 445.243+/-0.390 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 463.010+/-0.387 χ^2 /NDF: 6262.3/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

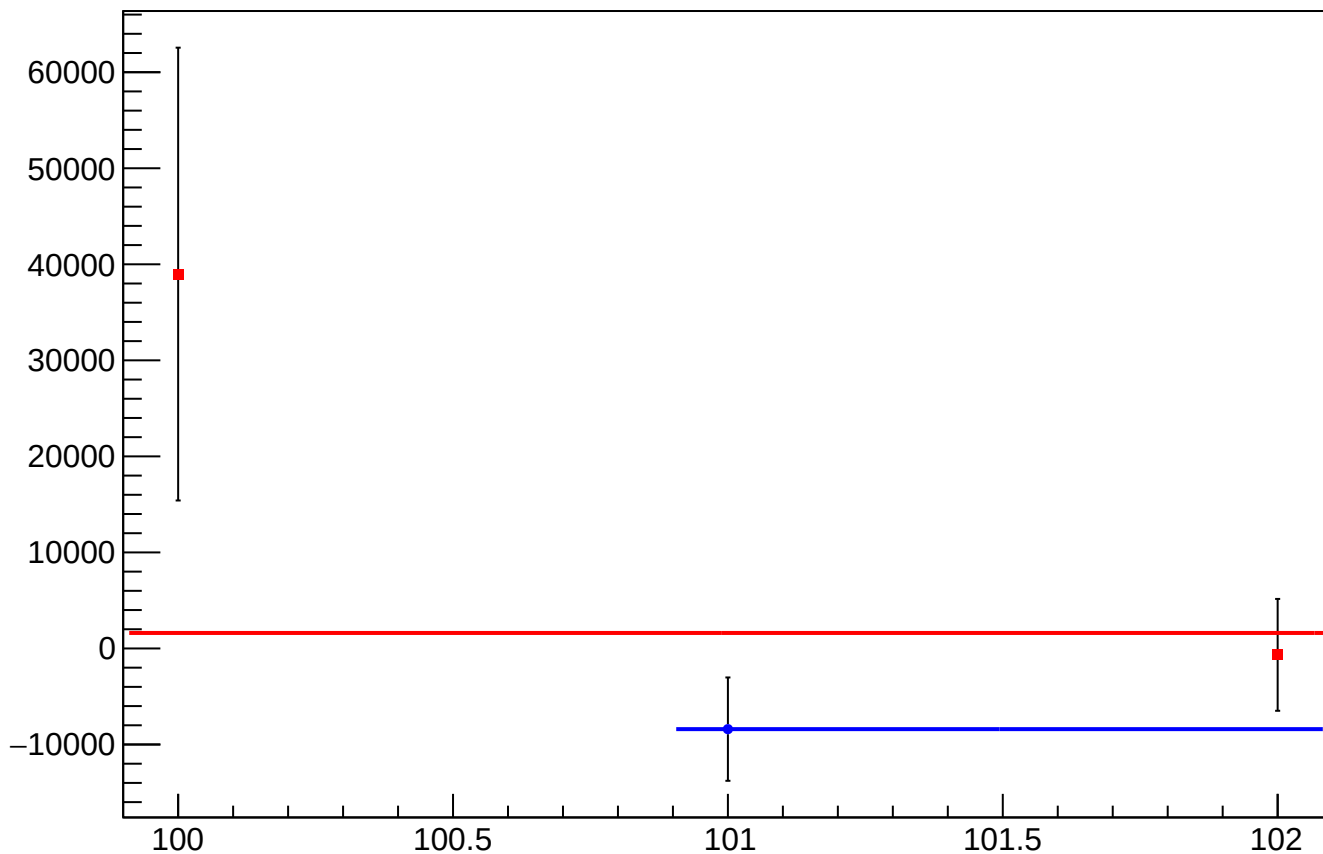
Right: 454.192+/-0.275 χ^2 /NDF: 7309.5/2

In: 445.243+/-0.390 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 454.192+/-0.275 χ^2 /NDF: 7309.5/2

asym_sam2_reg_correction_mean vs Slug, Sign Corrected



Right In: -8399.972+/-5379.803 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1613.850+/-5653.528 χ^2/NDF : 2.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

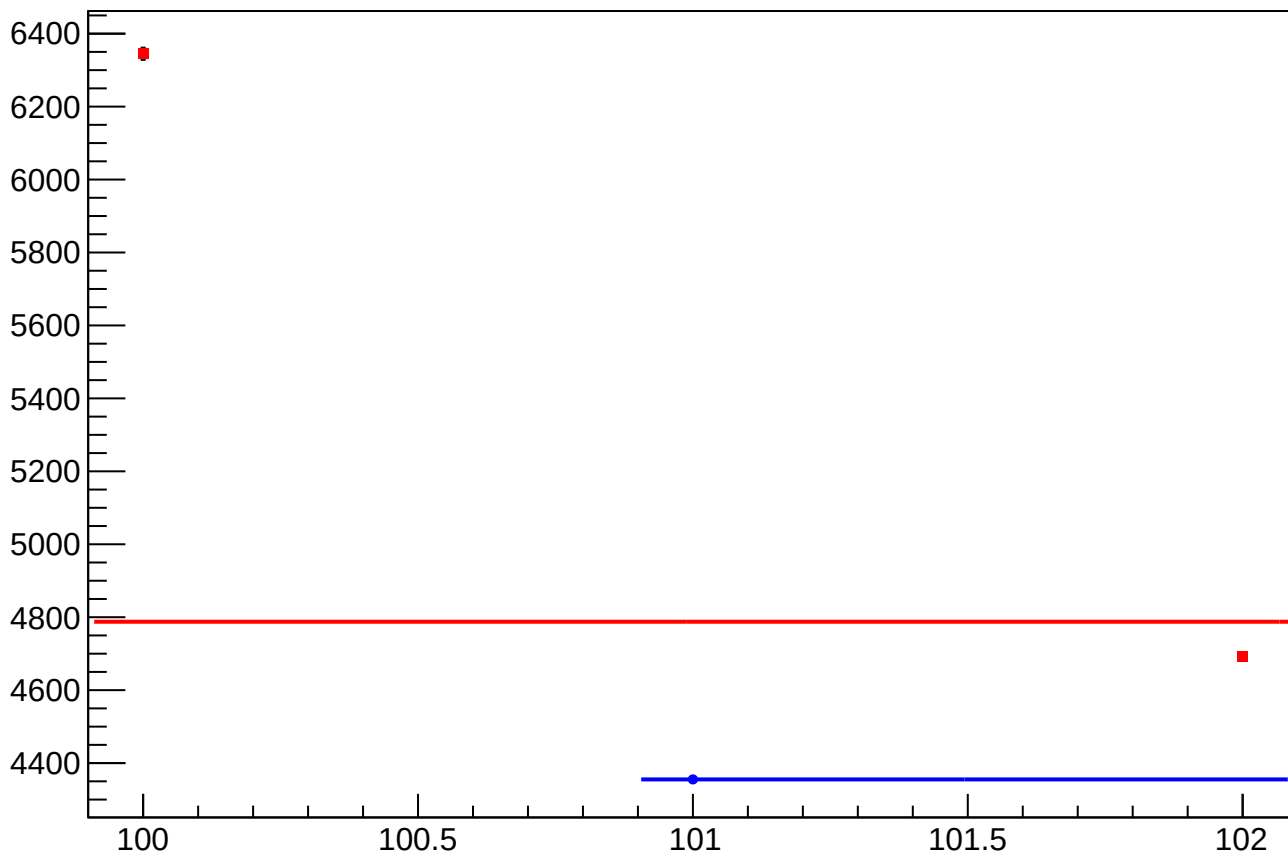
Right: -3641.340+/-3897.271 χ^2/NDF : 4.3/2

In: -8399.972+/-5379.803 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3641.340+/-3897.271 χ^2/NDF : 4.3/2

asym_sam2_reg_correction_rms vs Slug, Sign Corrected



Right In: 4355.268+/-3.804 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4787.624+/-3.998 χ^2/NDF : 9260.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

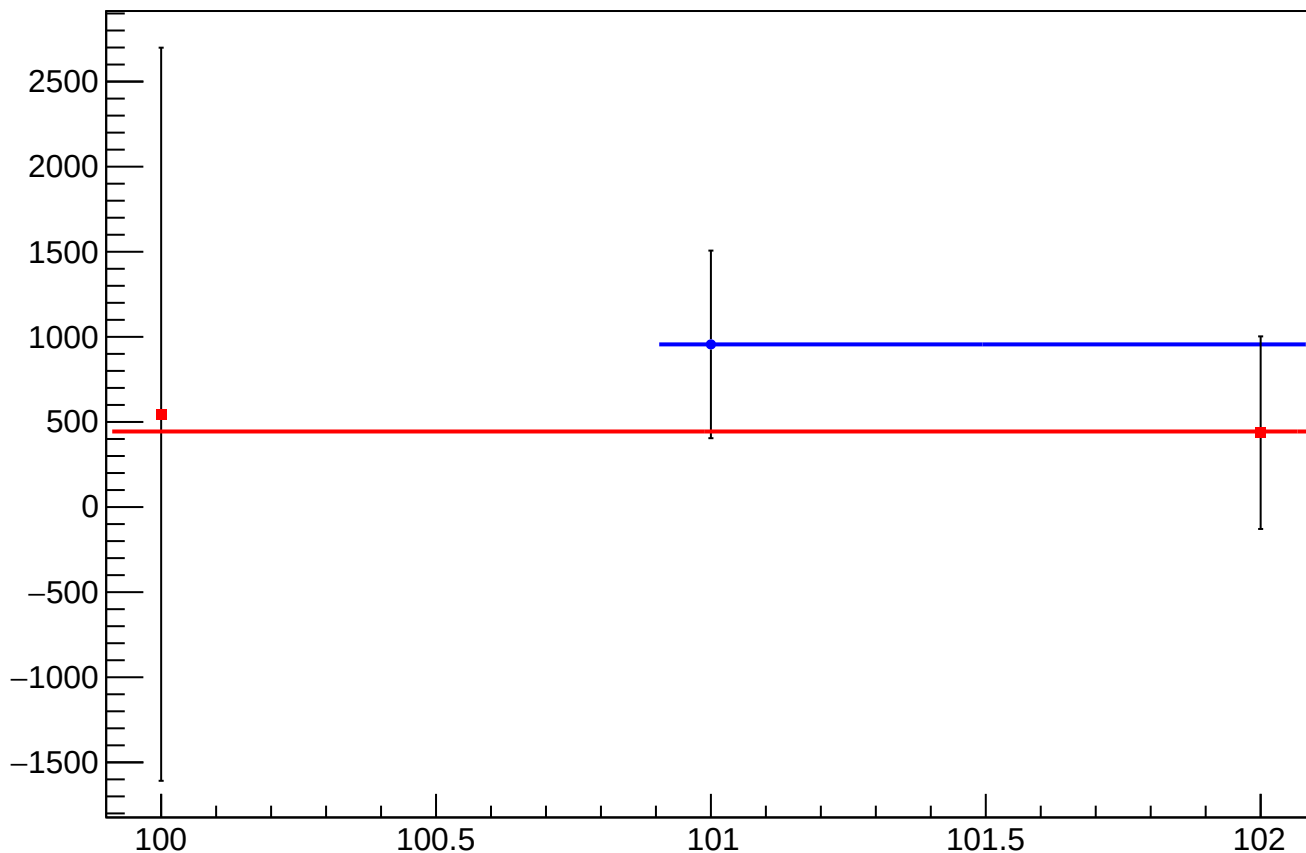
Right: 4560.726+/-2.756 χ^2/NDF : 15398.9/2

In: 4355.268+/-3.804 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4560.726+/-2.756 χ^2/NDF : 15398.9/2

cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 955.763 +/- 551.034 χ^2/NDF : 0.0/0

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 444.043 +/- 547.235 χ^2/NDF : 0.0/1

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

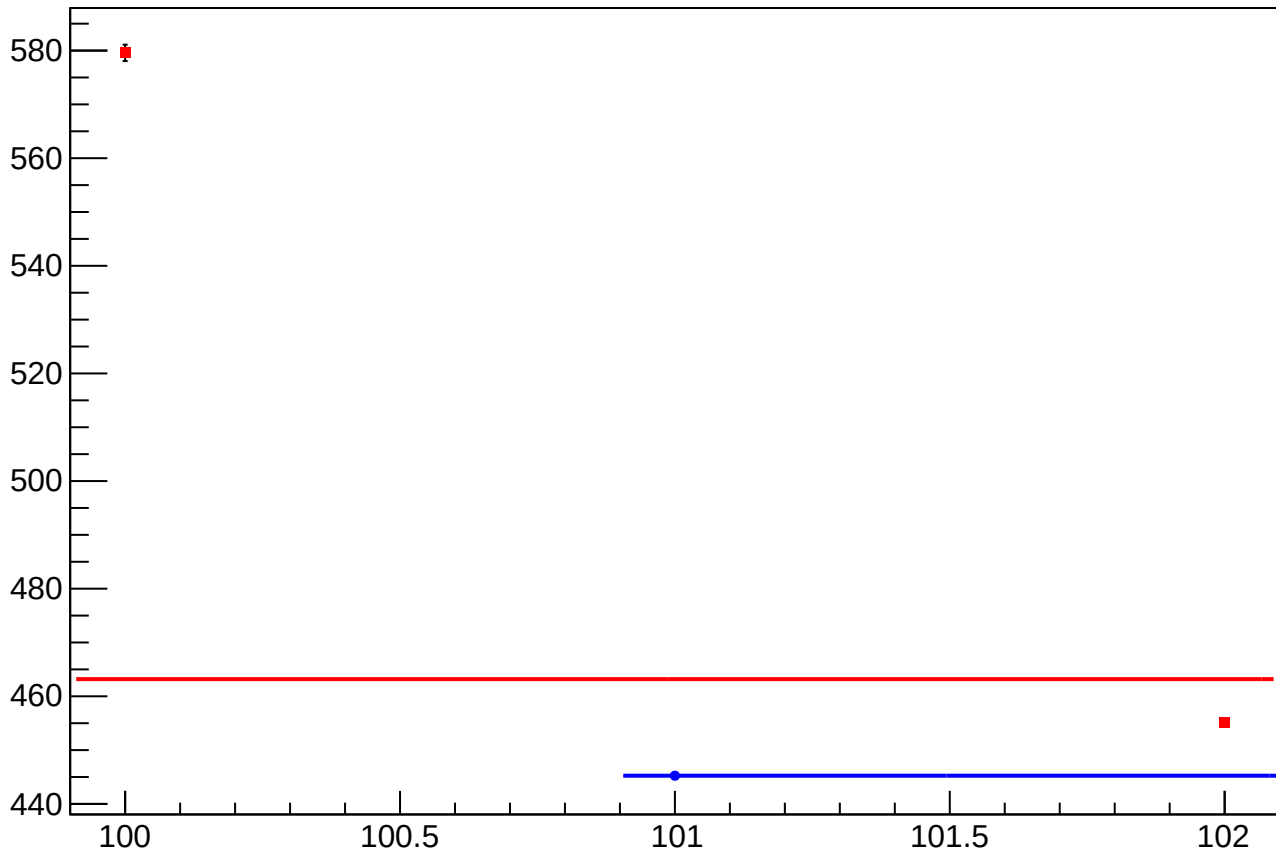
Right: 698.133 +/- 388.290 χ^2/NDF : 0.4/2

In: 955.763 +/- 551.034 χ^2/NDF : 0.0/0

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 698.133 +/- 388.290 χ^2/NDF : 0.4/2

cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 445.243+/-0.390 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 463.195+/-0.387 χ^2/NDF : 6242.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

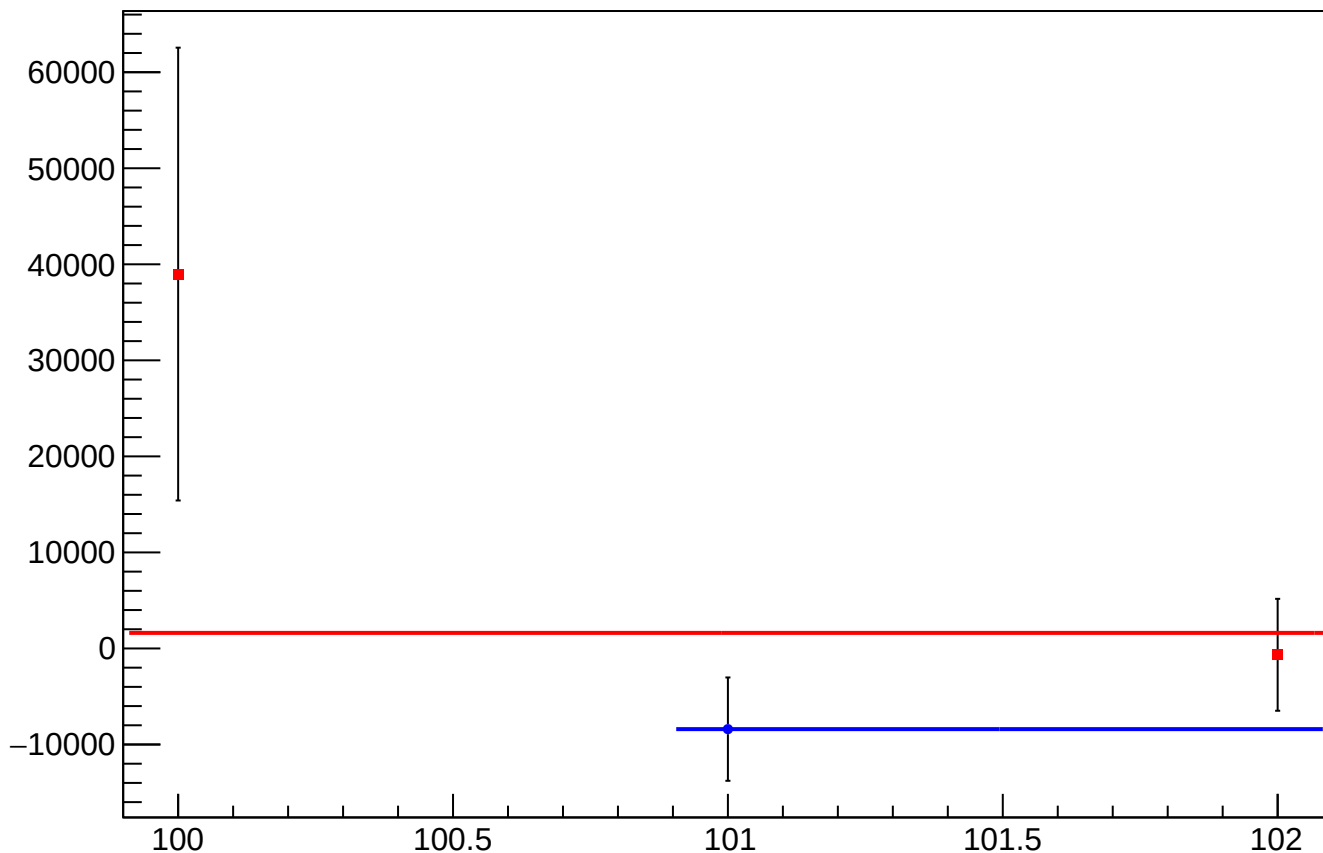
Right: 454.281+/-0.275 χ^2/NDF : 7311.4/2

In: 445.243+/-0.390 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 454.281+/-0.275 χ^2/NDF : 7311.4/2

asym_sam2_cor_correction_mean vs Slug, Sign Corrected



Right In: -8399.864+/-5379.812 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1621.506+/-5656.088 χ^2 /NDF: 2.7/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

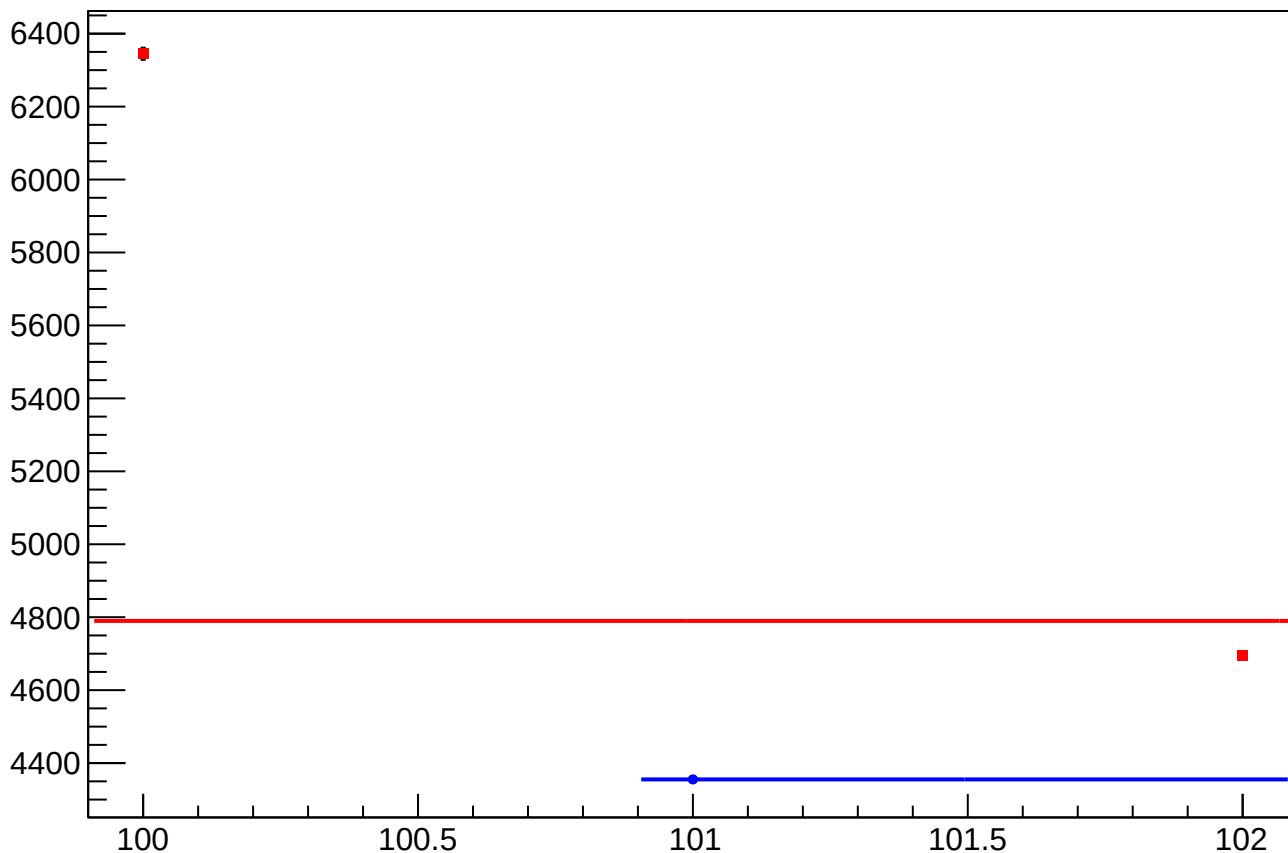
Right: -3639.901+/-3898.113 χ^2 /NDF: 4.3/2

In: -8399.864+/-5379.812 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -3639.901+/-3898.113 χ^2 /NDF: 4.3/2

asym_sam2_cor_correction_rms vs Slug, Sign Corrected



Right In: 4355.275+/-3.804 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4789.865+/-3.999 χ^2/NDF : 9234.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

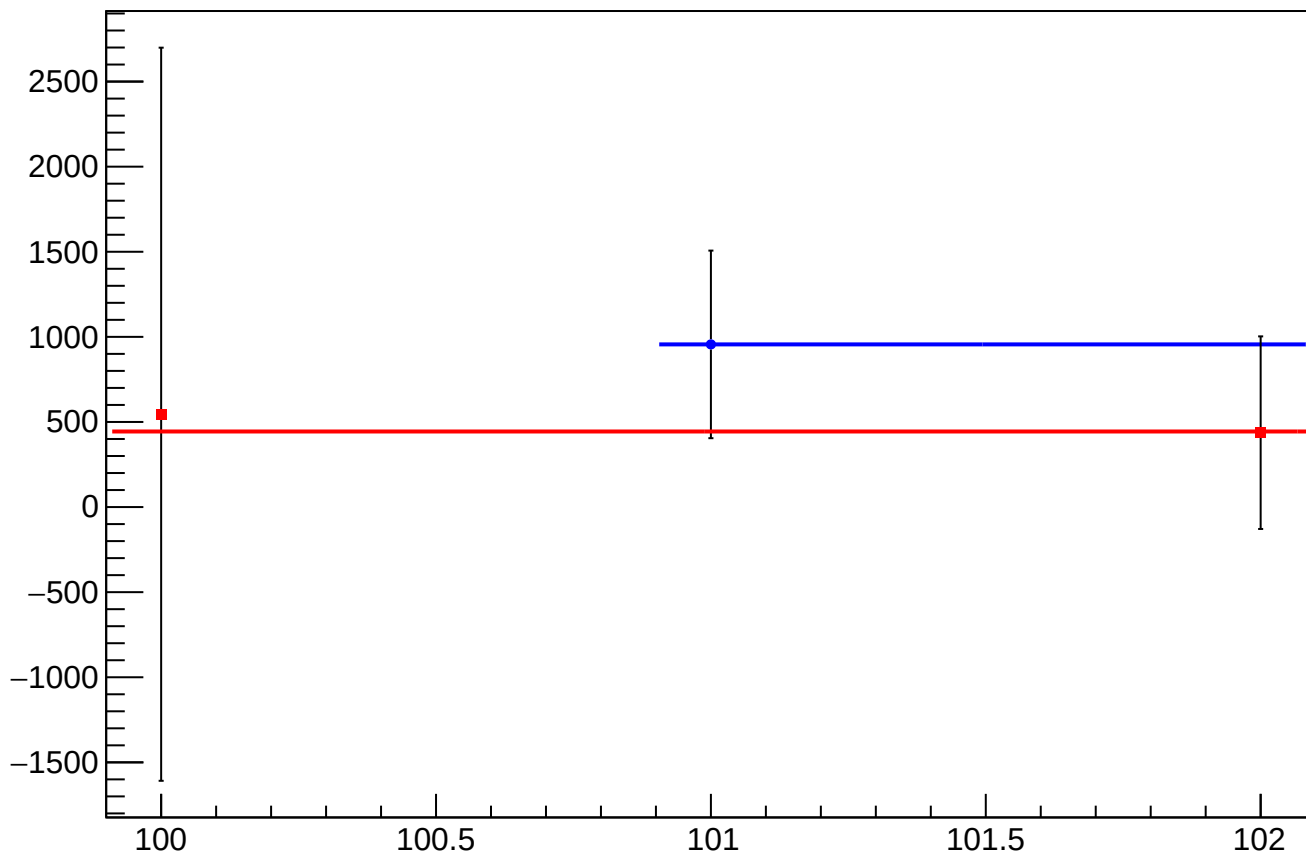
Right: 4561.697+/-2.756 χ^2/NDF : 15433.4/2

In: 4355.275+/-3.804 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4561.697+/-2.756 χ^2/NDF : 15433.4/2

eigen_cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 955.763+/-551.034 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 444.043+/-547.235 χ^2 /NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

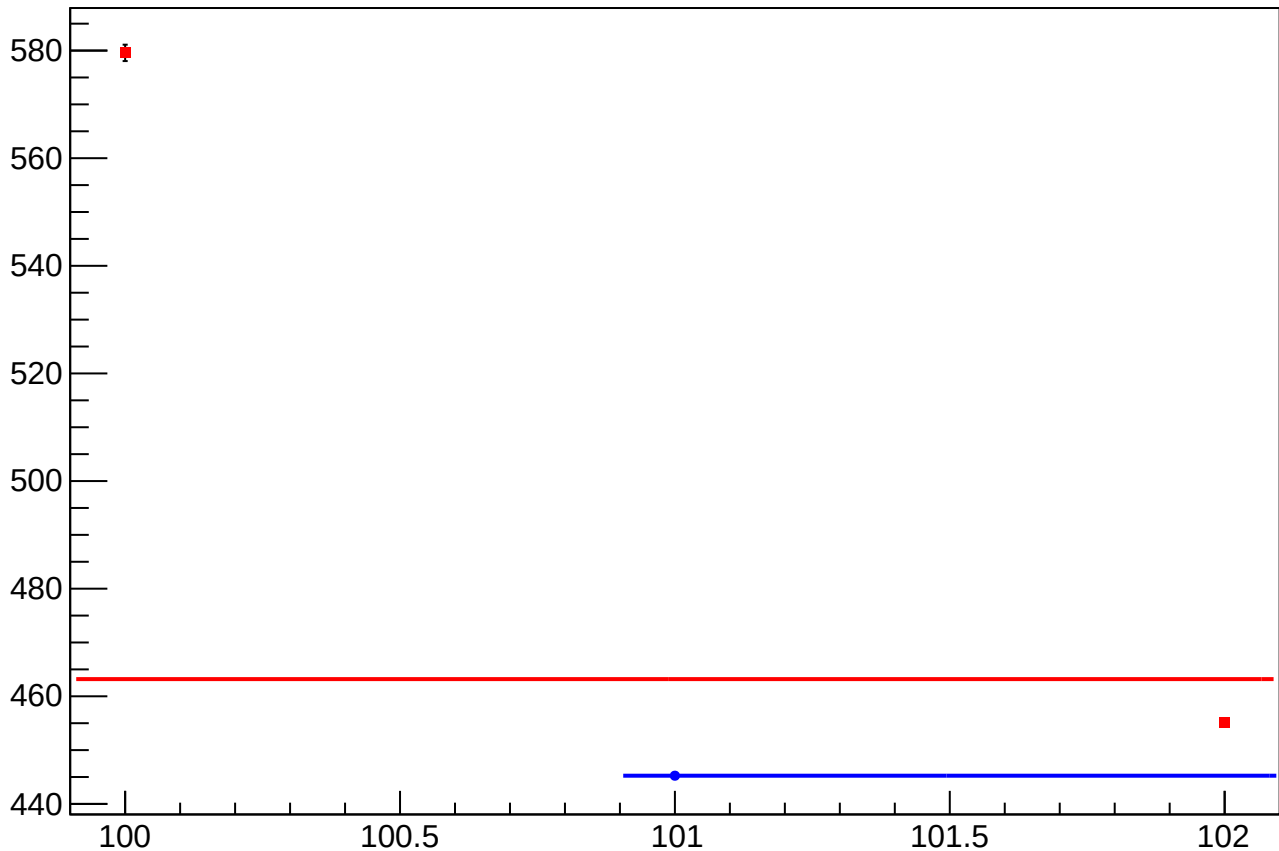
Right: 698.133+/-388.290 χ^2 /NDF: 0.4/2

In: 955.763+/-551.034 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 698.133+/-388.290 χ^2 /NDF: 0.4/2

eigen_cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 445.243+/-0.390 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 463.195+/-0.387 χ^2/NDF : 6242.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

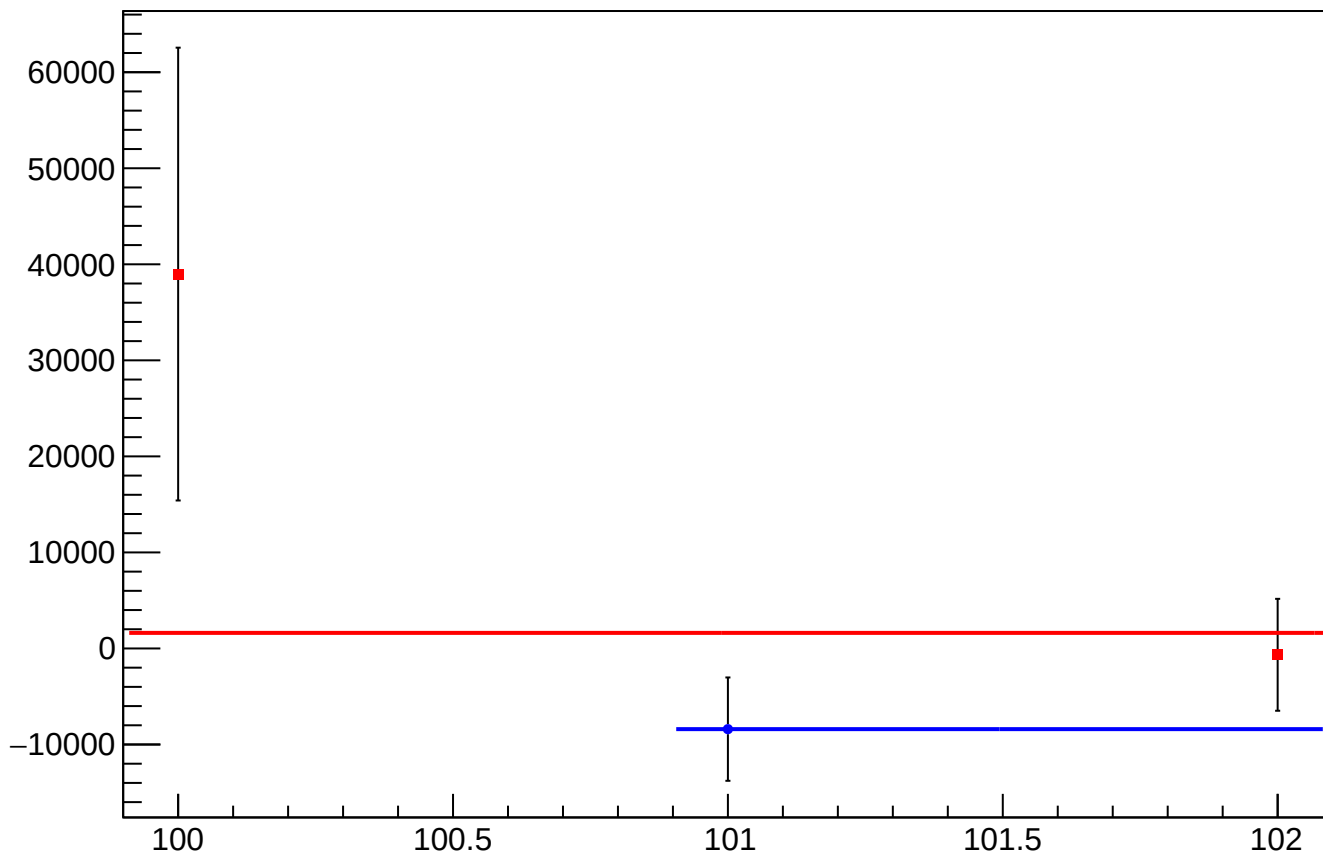
Right: 454.281+/-0.275 χ^2/NDF : 7311.4/2

In: 445.243+/-0.390 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 454.281+/-0.275 χ^2/NDF : 7311.4/2

asym_sam2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -8399.864+/-5379.812 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1621.506+/-5656.088 χ^2/NDF : 2.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

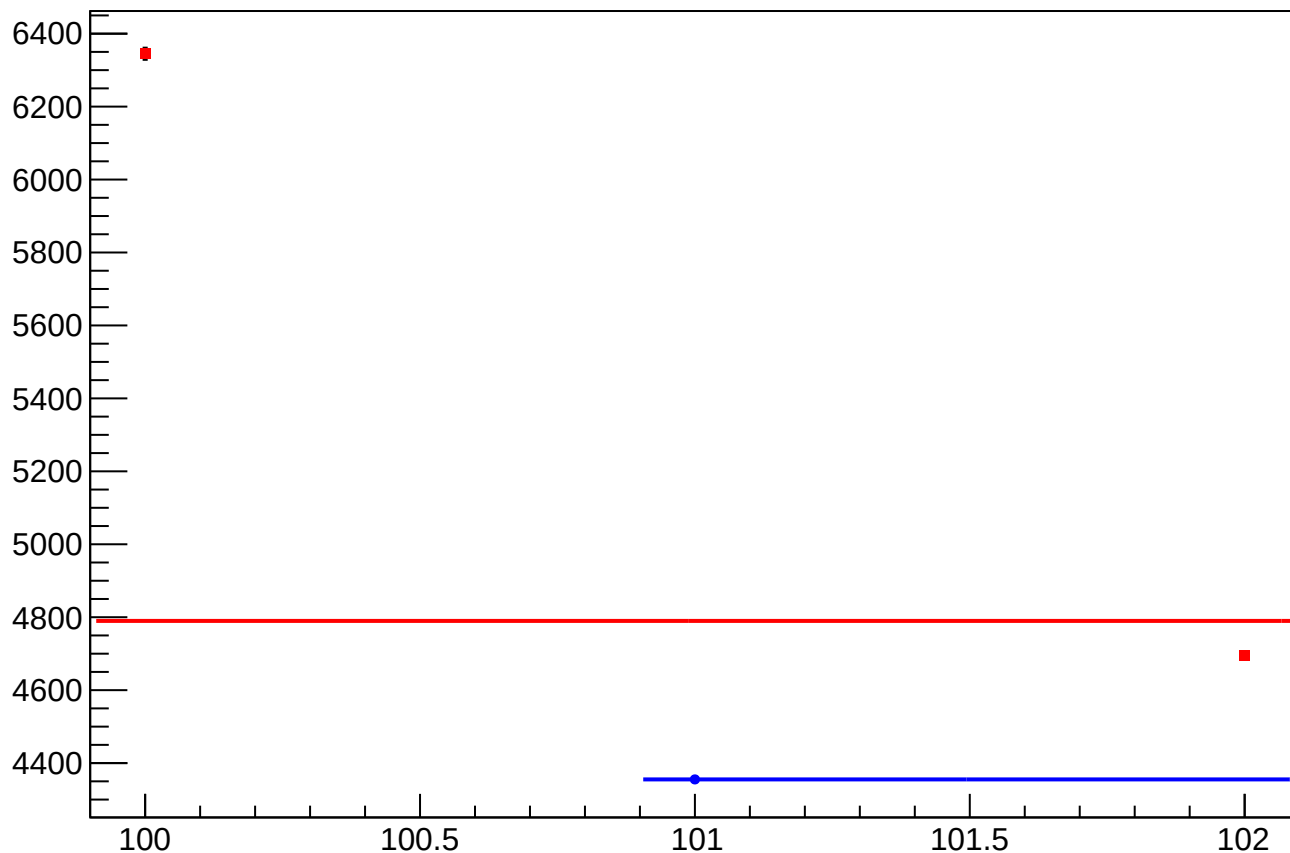
Right: -3639.901+/-3898.113 χ^2/NDF : 4.3/2

In: -8399.864+/-5379.812 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3639.901+/-3898.113 χ^2/NDF : 4.3/2

asym_sam2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4355.275+/-3.804 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4789.865+/-3.999 χ^2/NDF : 9234.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

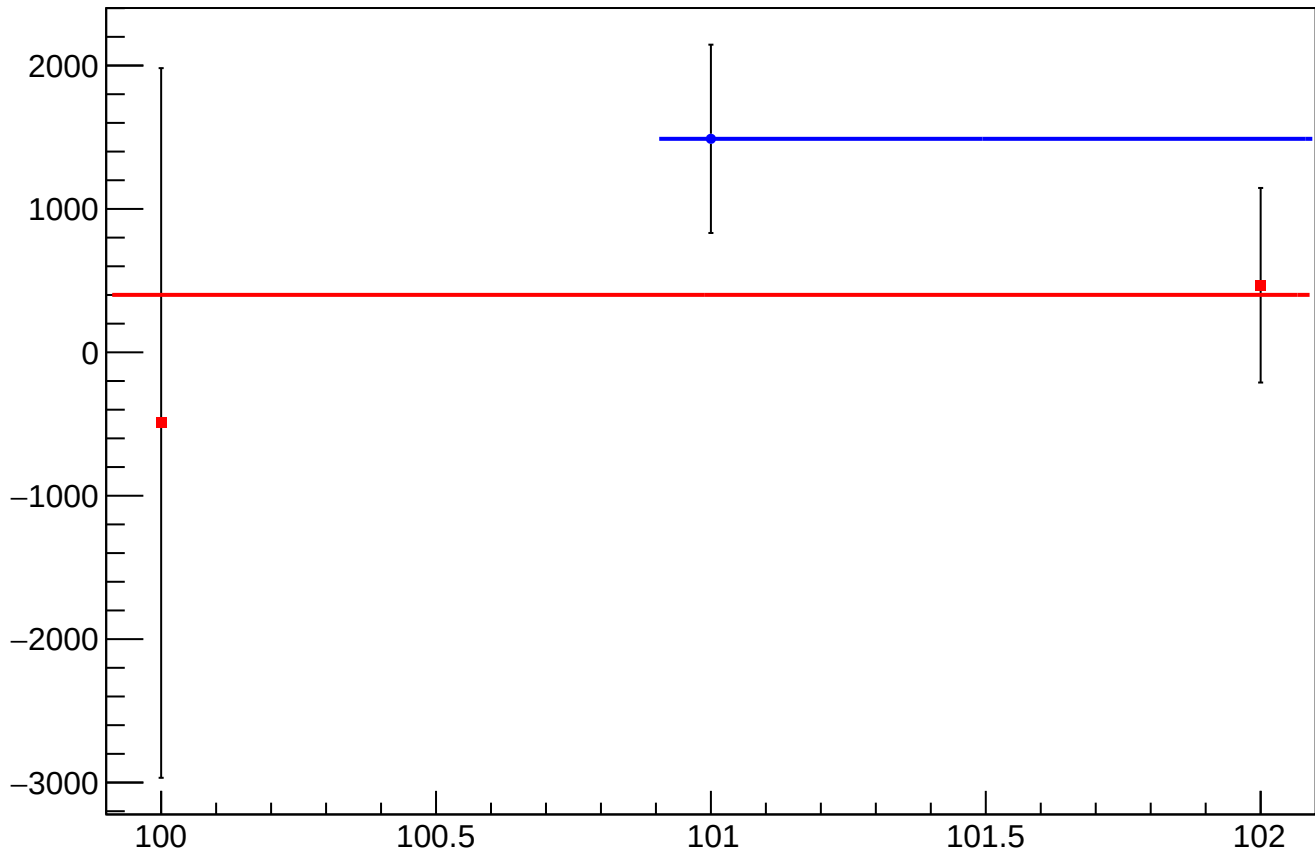
Right: 4561.697+/-2.756 χ^2/NDF : 15433.4/2

In: 4355.275+/-3.804 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4561.697+/-2.756 χ^2/NDF : 15433.4/2

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 1488.859+/-656.593 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 400.676+/-654.293 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

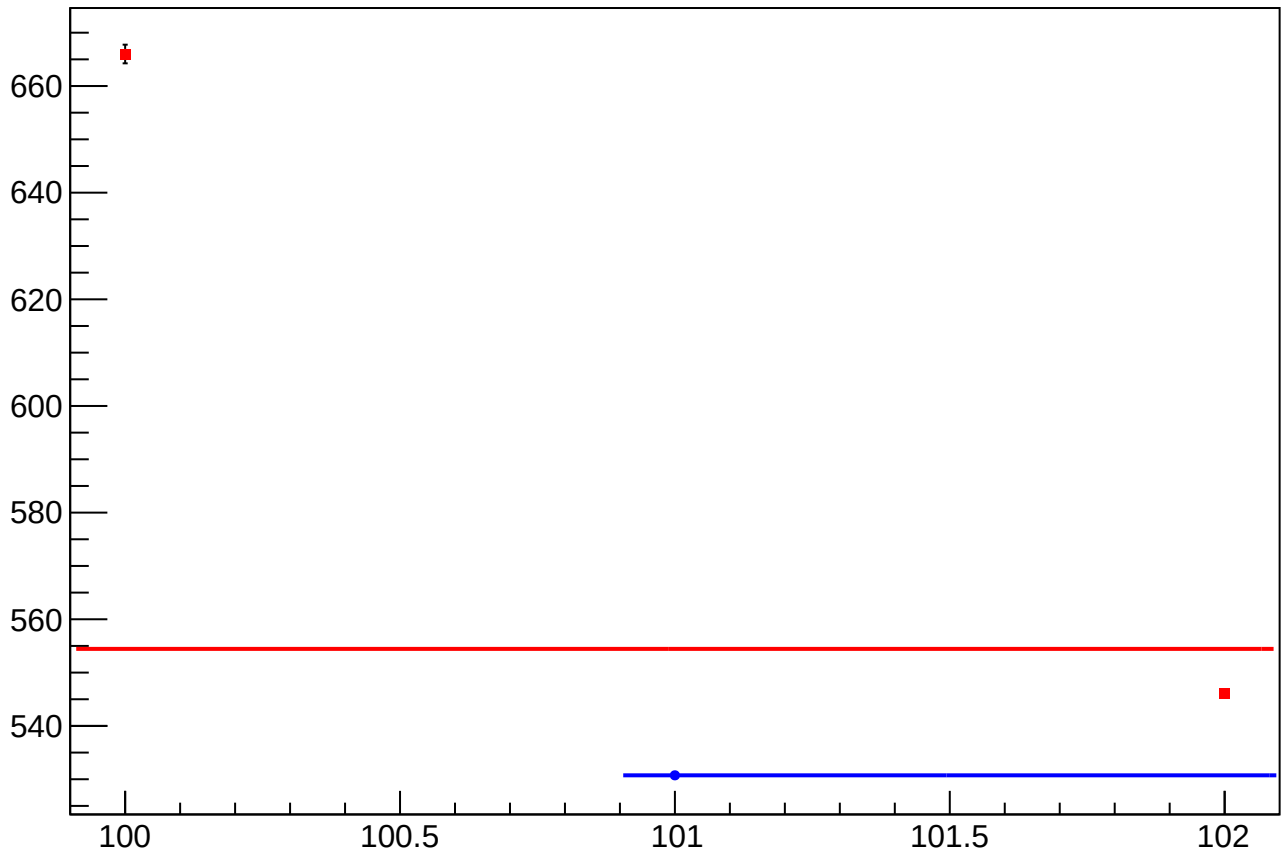
Right: 942.858+/-463.466 χ^2/NDF : 1.5/2

In: 1488.859+/-656.593 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 942.858+/-463.466 χ^2/NDF : 1.5/2

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 530.735 $\pm$ 0.464 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 554.446 $\pm$ 0.463 χ^2 /NDF: 4370.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

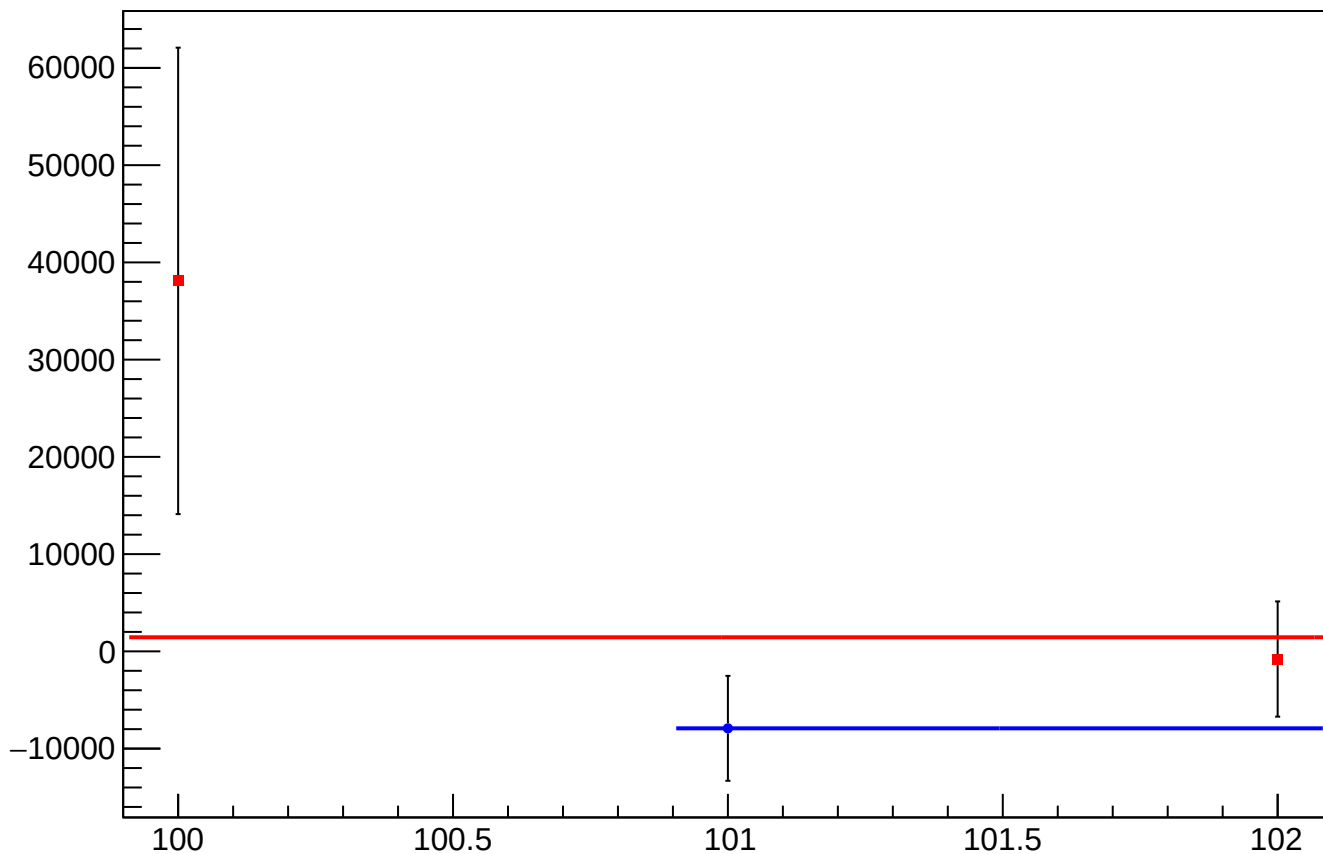
Right: 542.632 $\pm$ 0.328 χ^2 /NDF: 5679.5/2

In: 530.735 $\pm$ 0.464 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 542.632 $\pm$ 0.328 χ^2 /NDF: 5679.5/2

asym_sam2_dit_correction_mean vs Slug, Sign Corrected



Right In: -7916.019+/-5395.566 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1447.556+/-5752.406 χ^2/NDF : 2.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

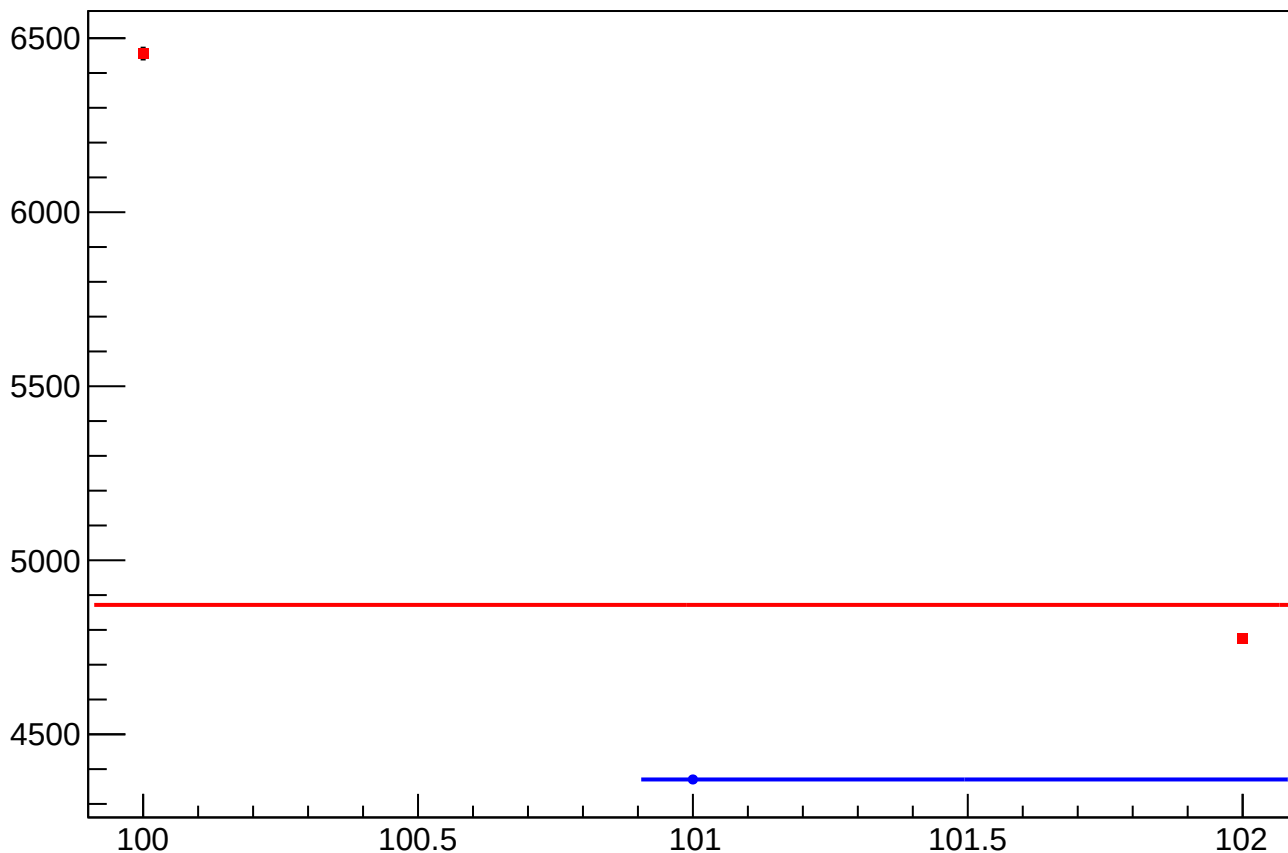
Right: -3533.647+/-3935.350 χ^2/NDF : 3.9/2

In: -7916.019+/-5395.566 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3533.647+/-3935.350 χ^2/NDF : 3.9/2

asym_sam2_dit_correction_rms vs Slug, Sign Corrected



Right In: 4370.277+/-3.815 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4871.813+/-4.068 χ^2/NDF : 9255.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

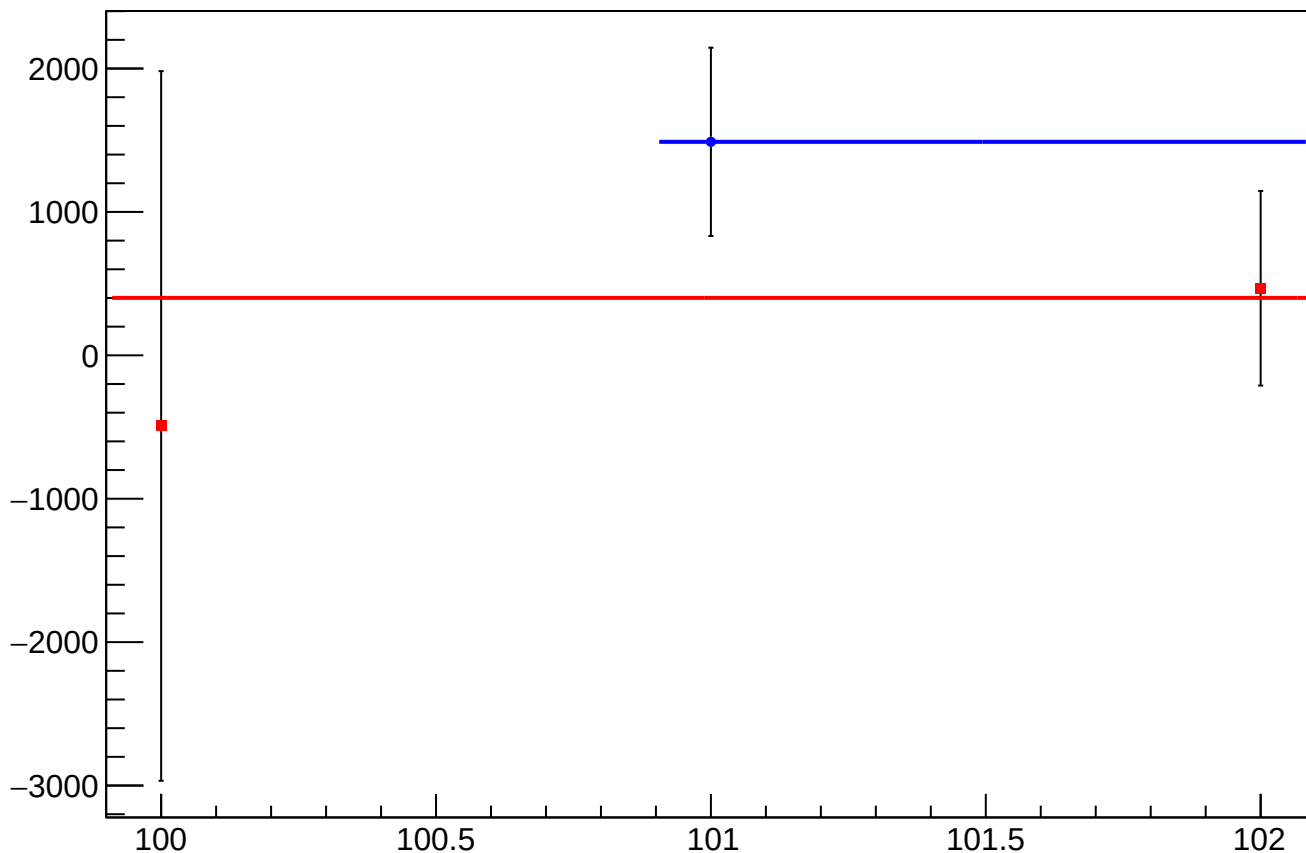
Right: 4605.008+/-2.783 χ^2/NDF : 17342.8/2

In: 4370.277+/-3.815 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4605.008+/-2.783 χ^2/NDF : 17342.8/2

eigen_dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 1488.856+/-656.593 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 400.673+/-654.290 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

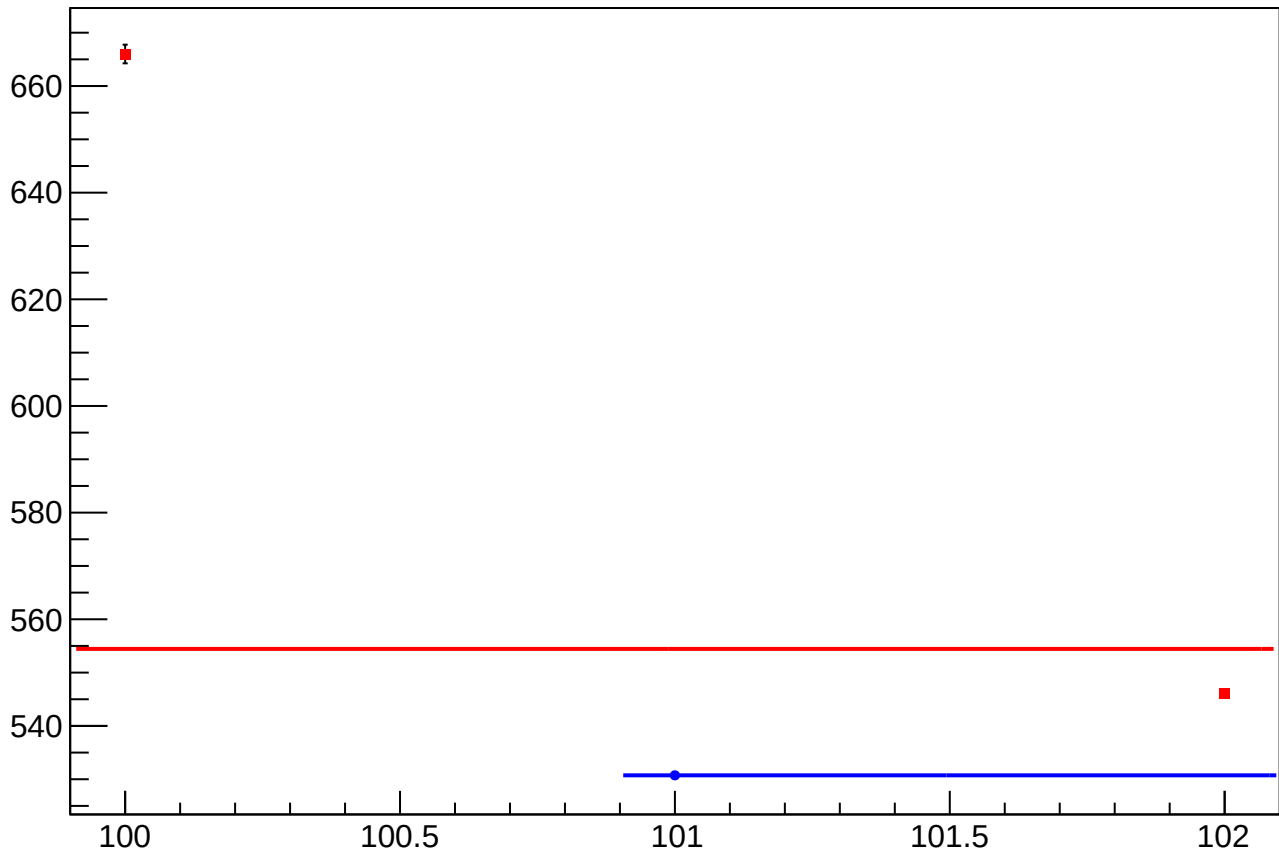
Right: 942.853+/-463.465 χ^2/NDF : 1.5/2

In: 1488.856+/-656.593 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 942.853+/-463.465 χ^2/NDF : 1.5/2

eigen_dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 530.735+/-0.464 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 554.443+/-0.463 χ^2/NDF : 4371.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

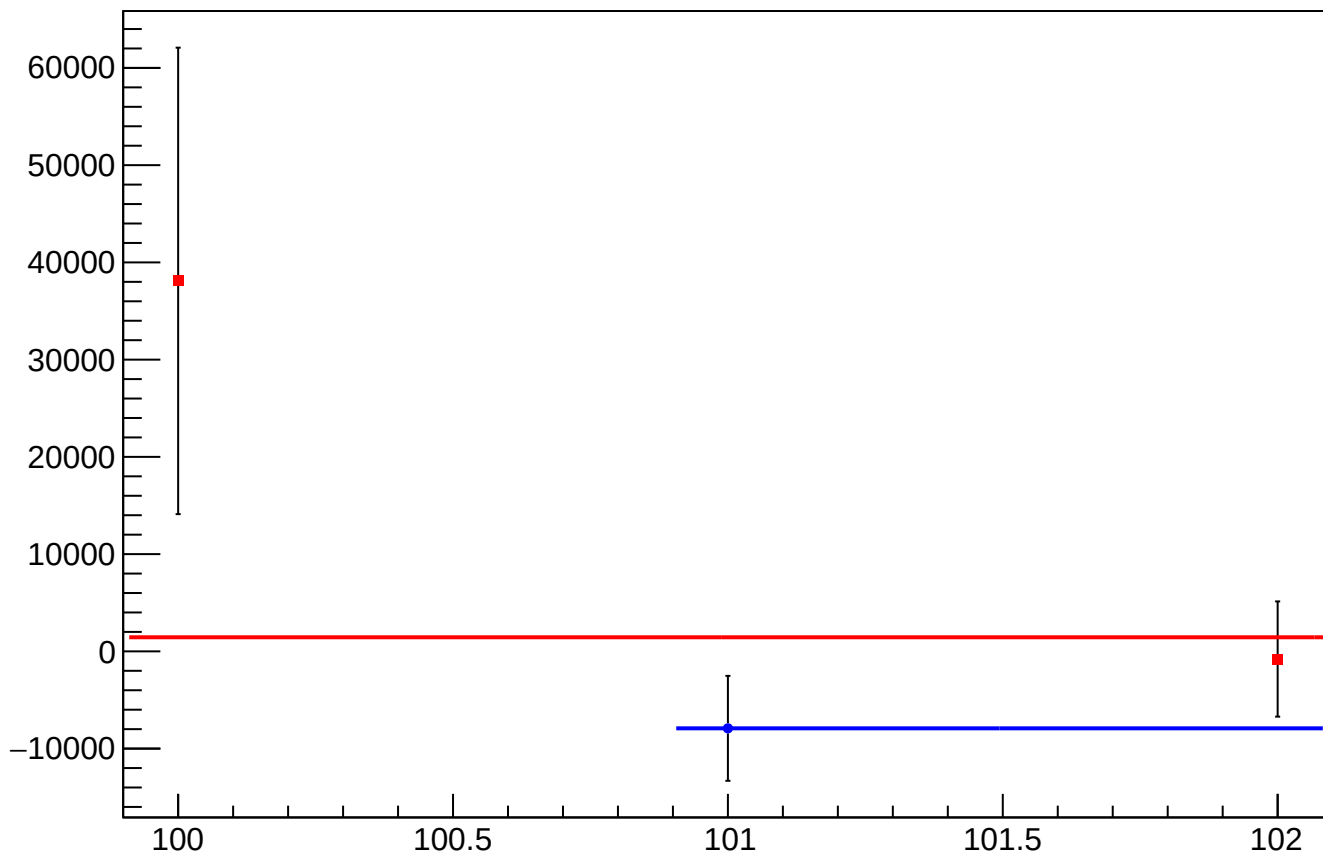
Right: 542.631+/-0.328 χ^2/NDF : 5679.4/2

In: 530.735+/-0.464 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 542.631+/-0.328 χ^2/NDF : 5679.4/2

asym_sam2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -7916.022+/-5395.563 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1447.541+/-5752.388 χ^2/NDF : 2.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

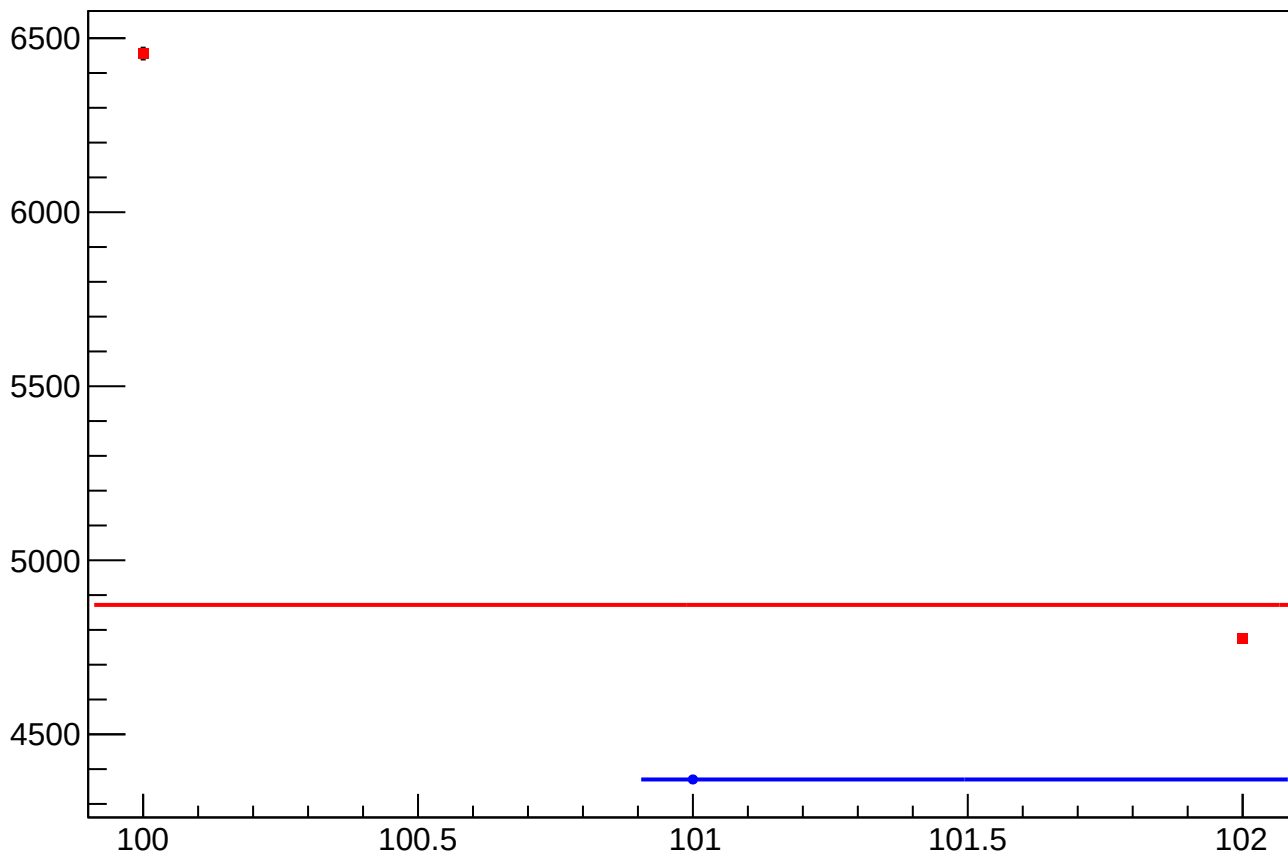
Right: -3533.644+/-3935.342 χ^2/NDF : 3.9/2

In: -7916.022+/-5395.563 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3533.644+/-3935.342 χ^2/NDF : 3.9/2

asym_sam2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4370.274+/-3.815 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4871.797+/-4.068 χ^2/NDF : 9255.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

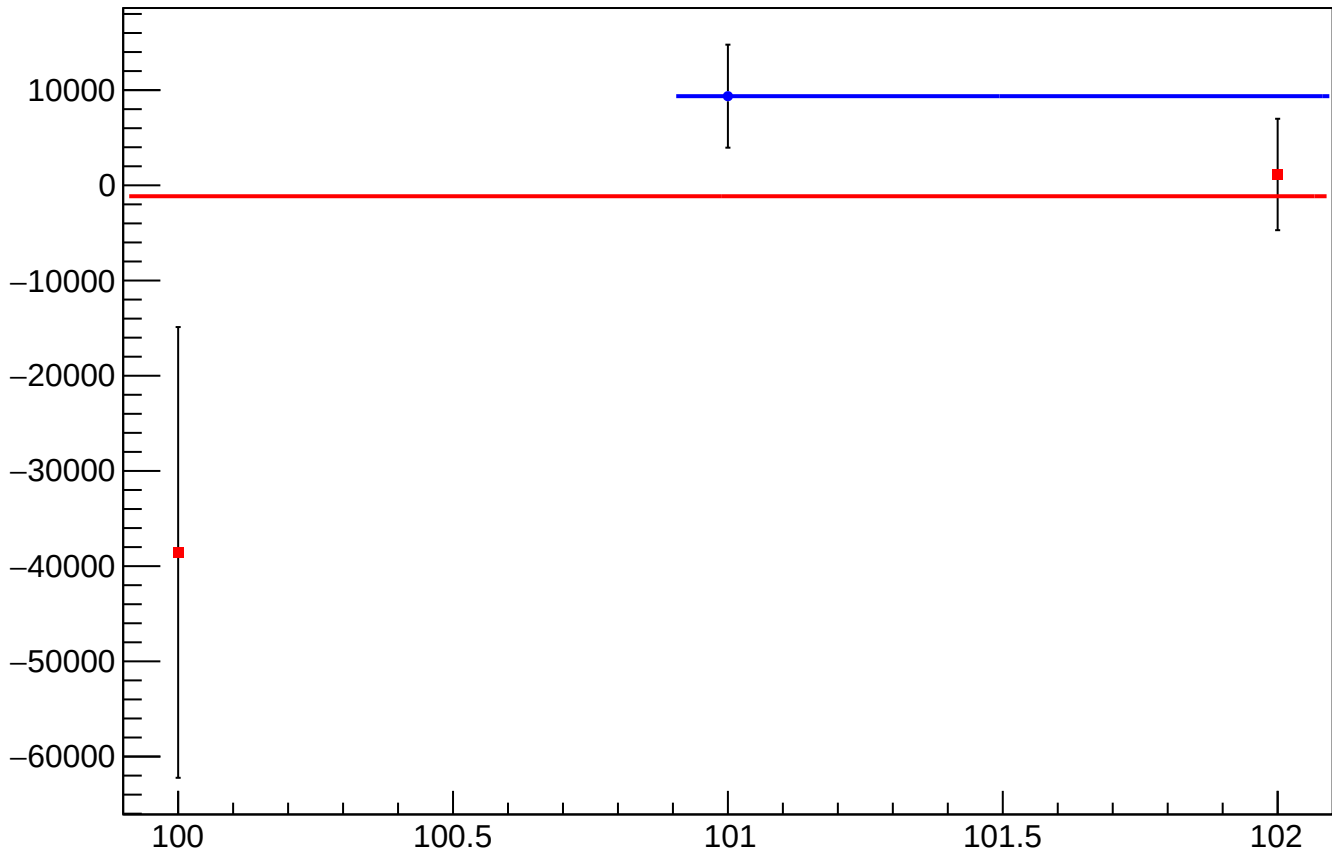
Right: 4604.999+/-2.783 χ^2/NDF : 17342.6/2

In: 4370.274+/-3.815 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4604.999+/-2.783 χ^2/NDF : 17342.6/2

asym_sam2_mean vs Slug, Sign Corrected



Right In: 9364.268+/-5409.736 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1146.174+/-5680.320 χ^2/NDF : 2.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

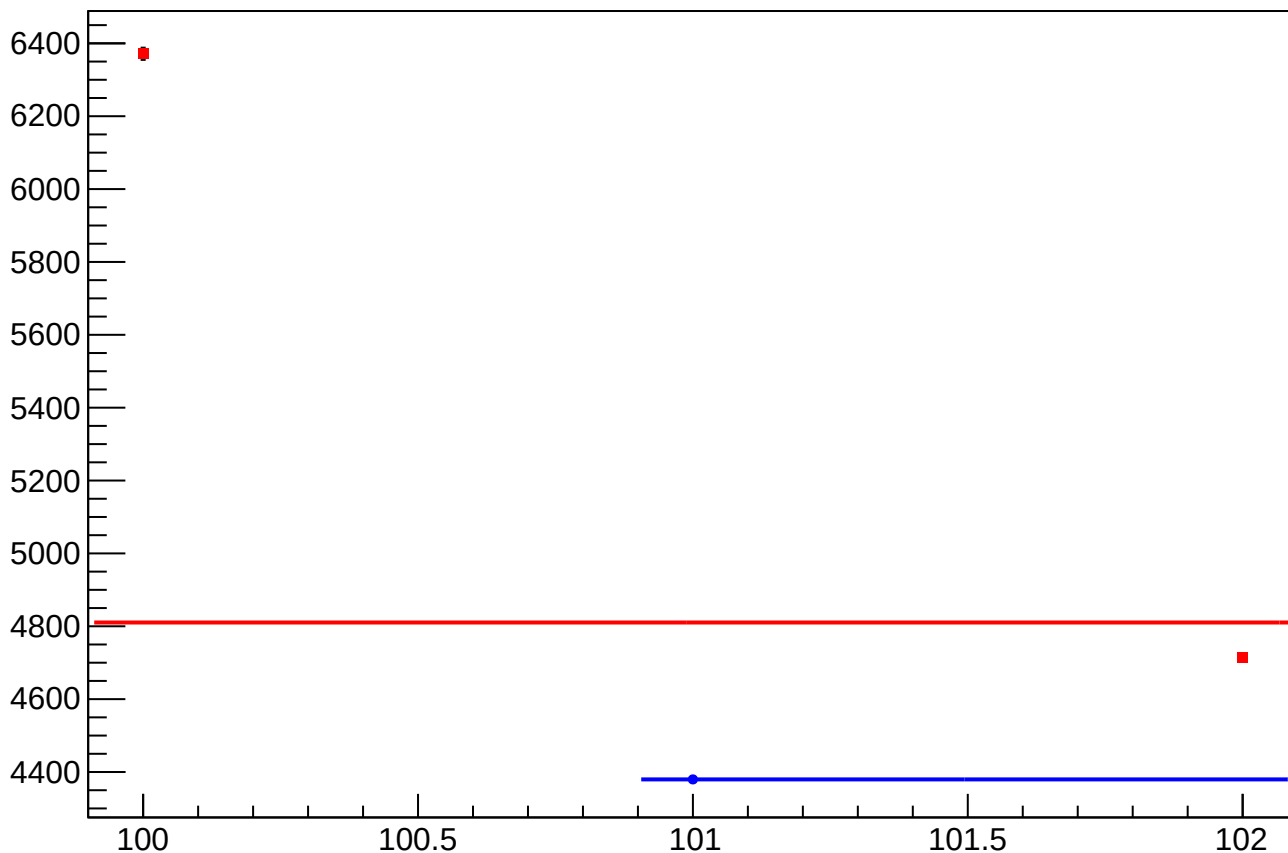
Right: 4365.337+/-3917.427 χ^2/NDF : 4.4/2

In: 9364.268+/-5409.736 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4365.337+/-3917.427 χ^2/NDF : 4.4/2

asym_sam2_rms vs Slug, Sign Corrected



Right In: 4379.690+/-3.825 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4810.363+/-4.017 χ^2/NDF : 9228.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

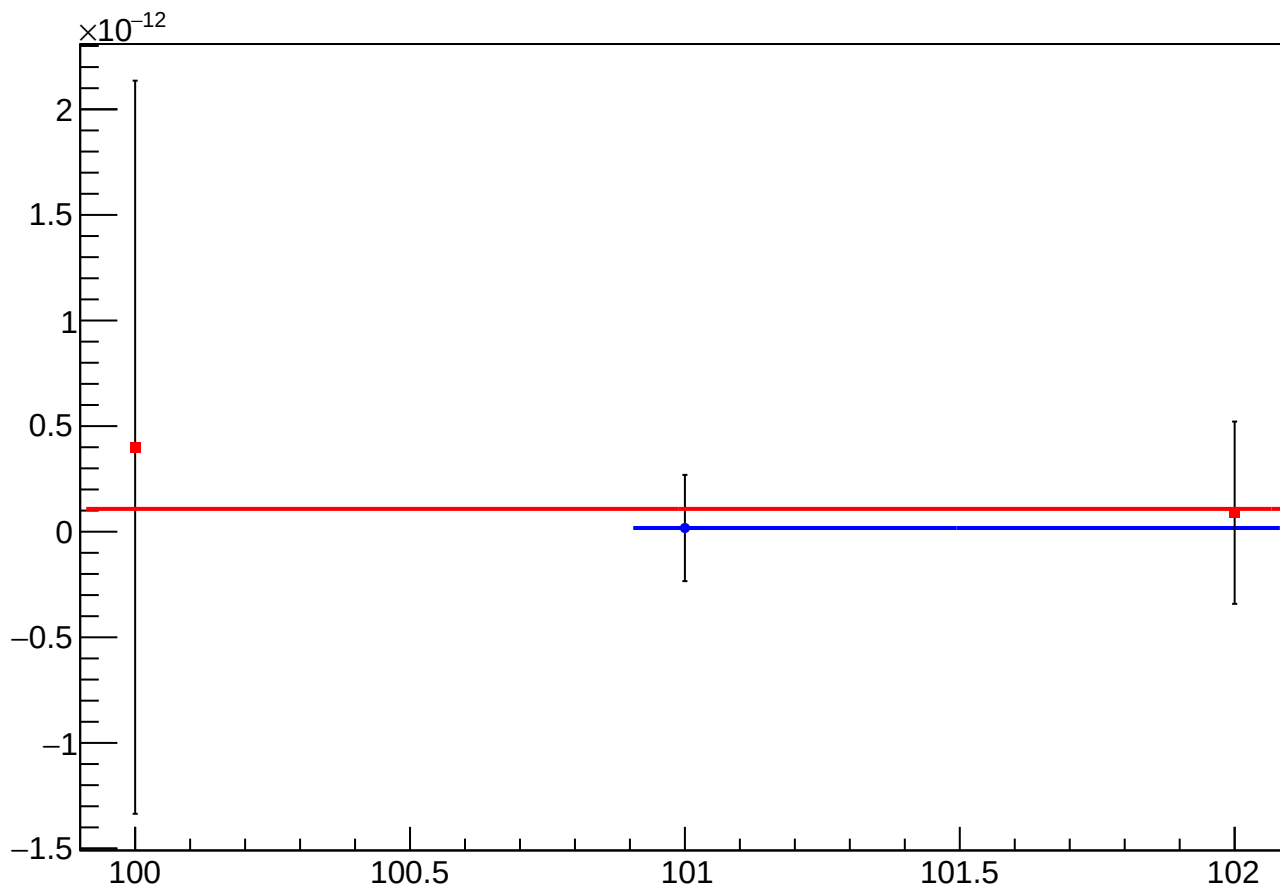
Right: 4584.525+/-2.770 χ^2/NDF : 15257.1/2

In: 4379.690+/-3.825 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4584.525+/-2.770 χ^2/NDF : 15257.1/2

asym_sam2_reg_vs_cor_diff_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 : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

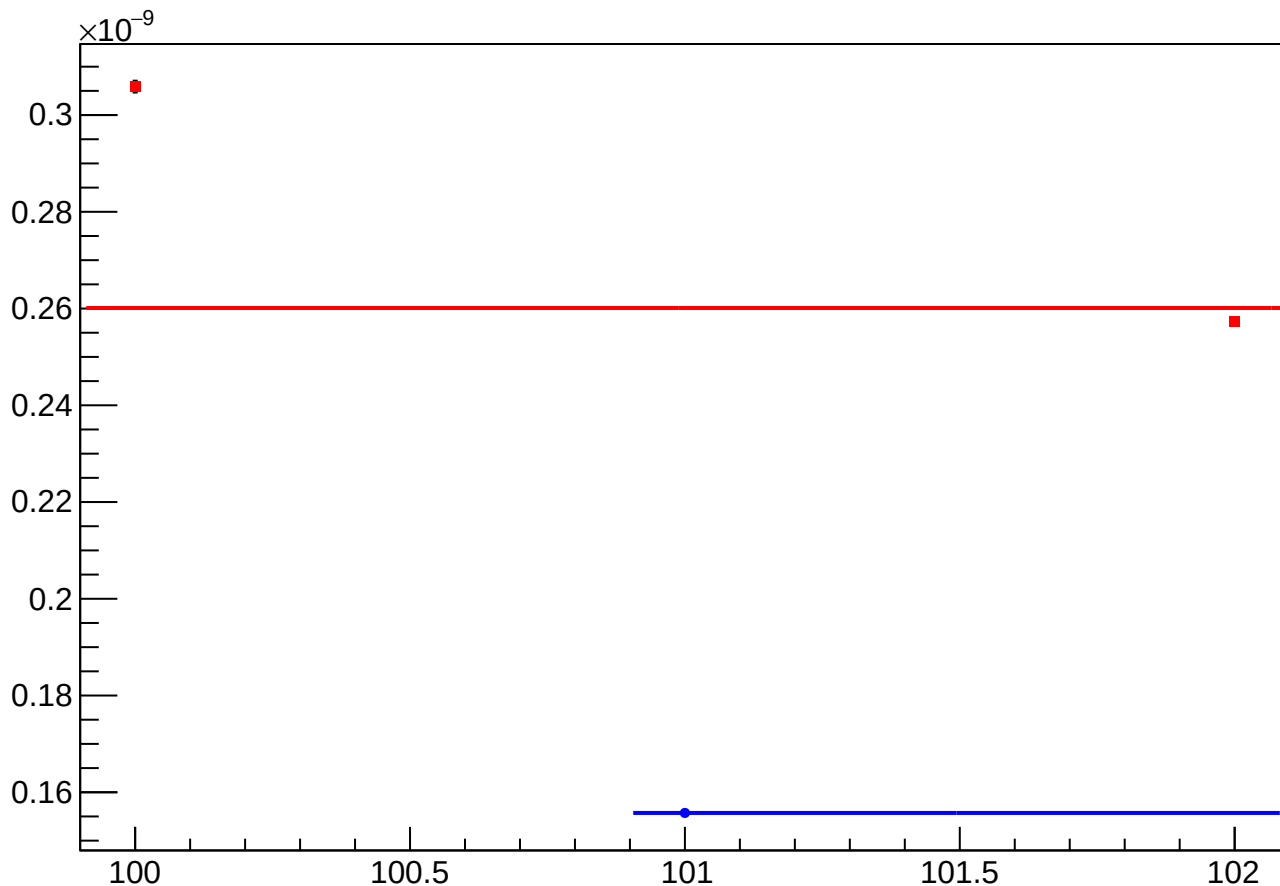
Right: 0.000+/-0.000 χ^2/NDF : 0.1/2

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 : 0.1/2

asym_sam2_reg_vs_cor_diff_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 : 1476.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

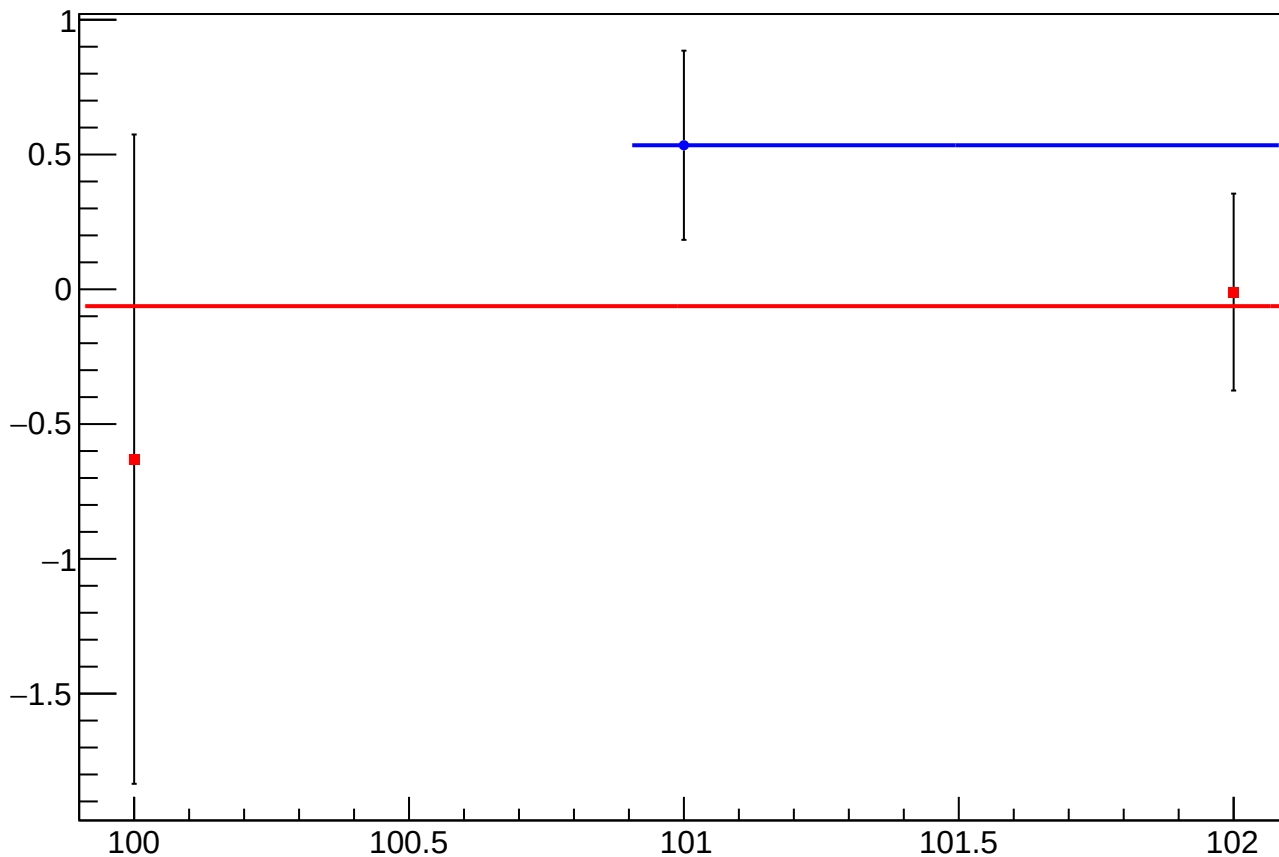
Right: 0.000+/-0.000 χ^2/NDF : 92784.5/2

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 : 92784.5/2

asym_sam2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.534+/-0.351 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.063+/-0.350 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

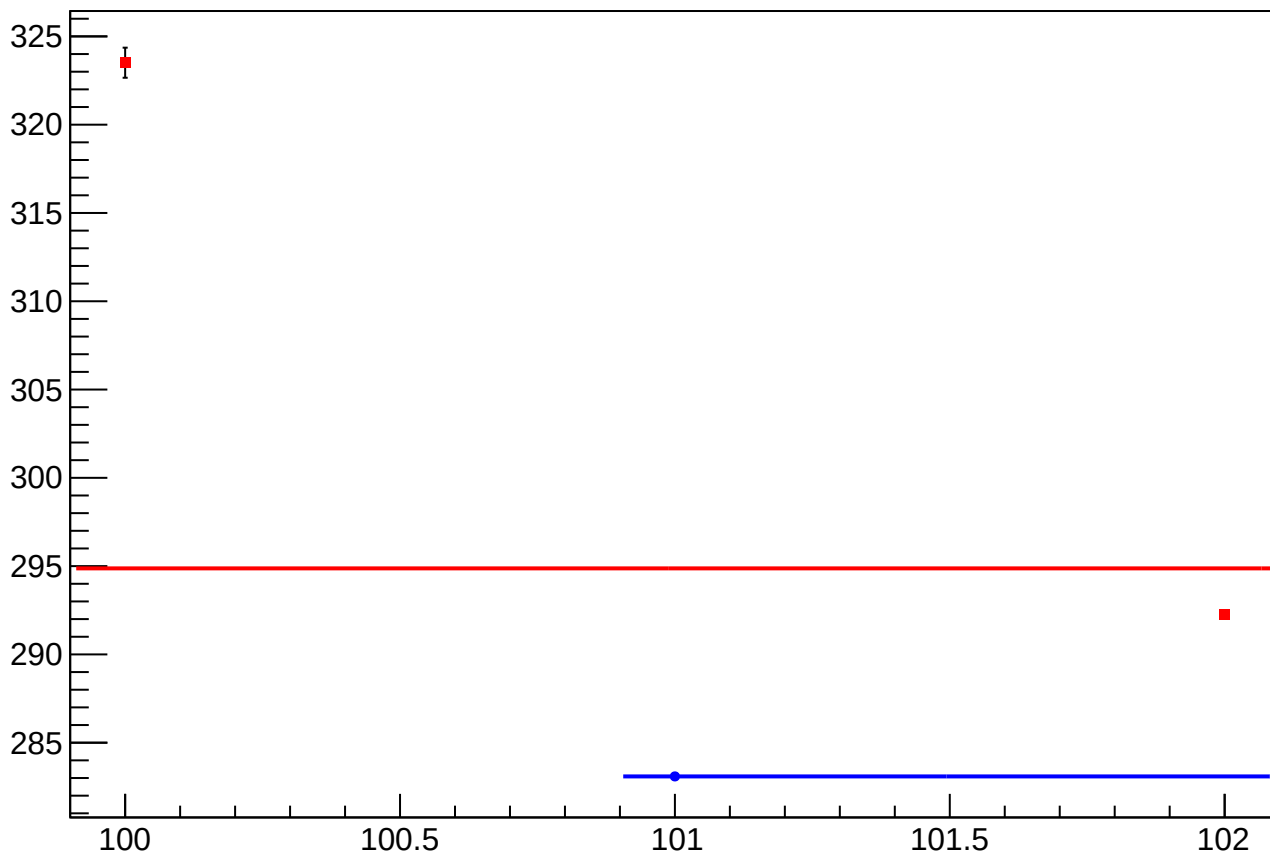
Right: 0.235+/-0.248 χ^2/NDF : 1.7/2

In: 0.534+/-0.351 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.235+/-0.248 χ^2/NDF : 1.7/2

asym_sam2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 283.090 $\pm$ 0.248 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 294.872 $\pm$ 0.247 χ^2 /NDF: 1234.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

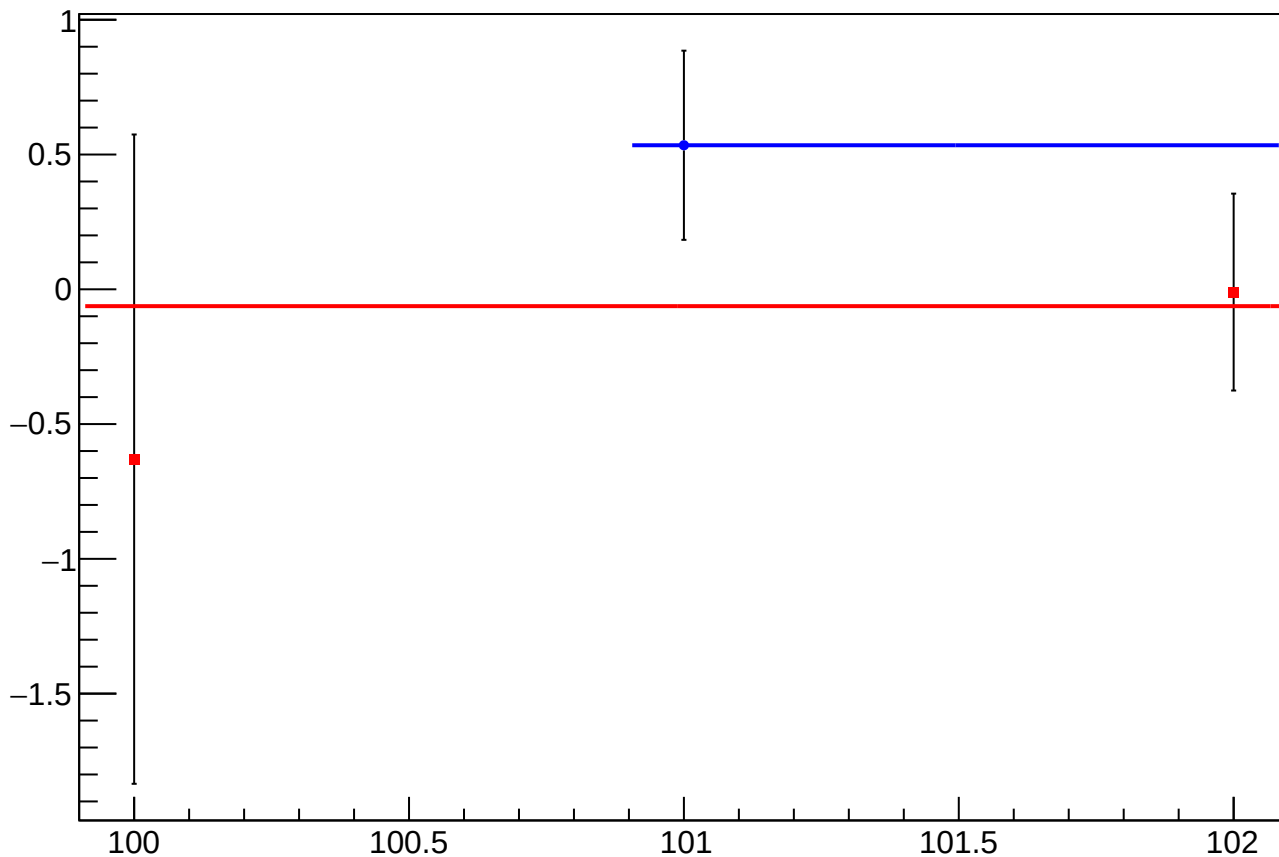
Right: 289.004 $\pm$ 0.175 χ^2 /NDF: 2366.3/2

In: 283.090 $\pm$ 0.248 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 289.004 $\pm$ 0.175 χ^2 /NDF: 2366.3/2

asym_sam2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.534+/-0.351 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.063+/-0.350 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

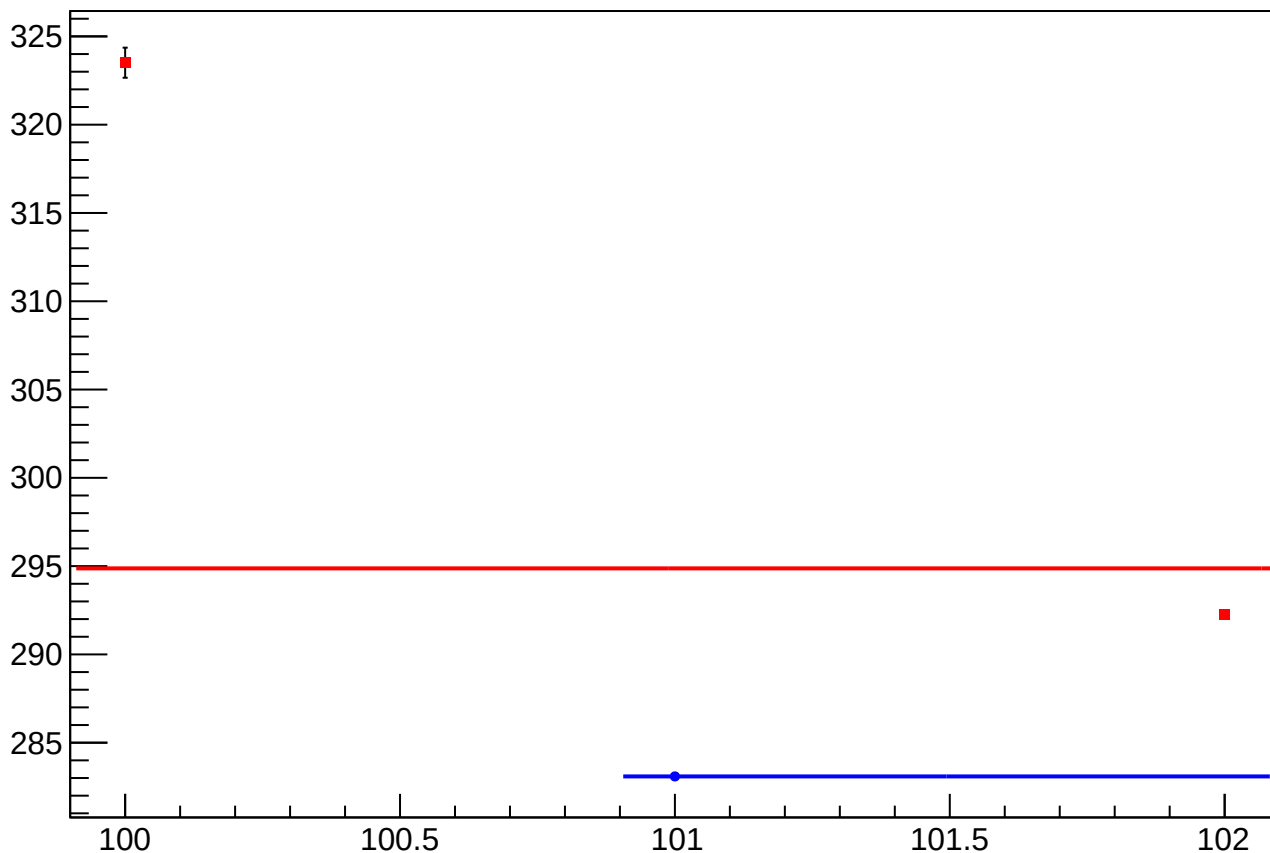
Right: 0.235+/-0.248 χ^2/NDF : 1.7/2

In: 0.534+/-0.351 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.235+/-0.248 χ^2/NDF : 1.7/2

asym_sam2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 283.090 $\pm$ 0.248 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 294.872 $\pm$ 0.247 χ^2 /NDF: 1234.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

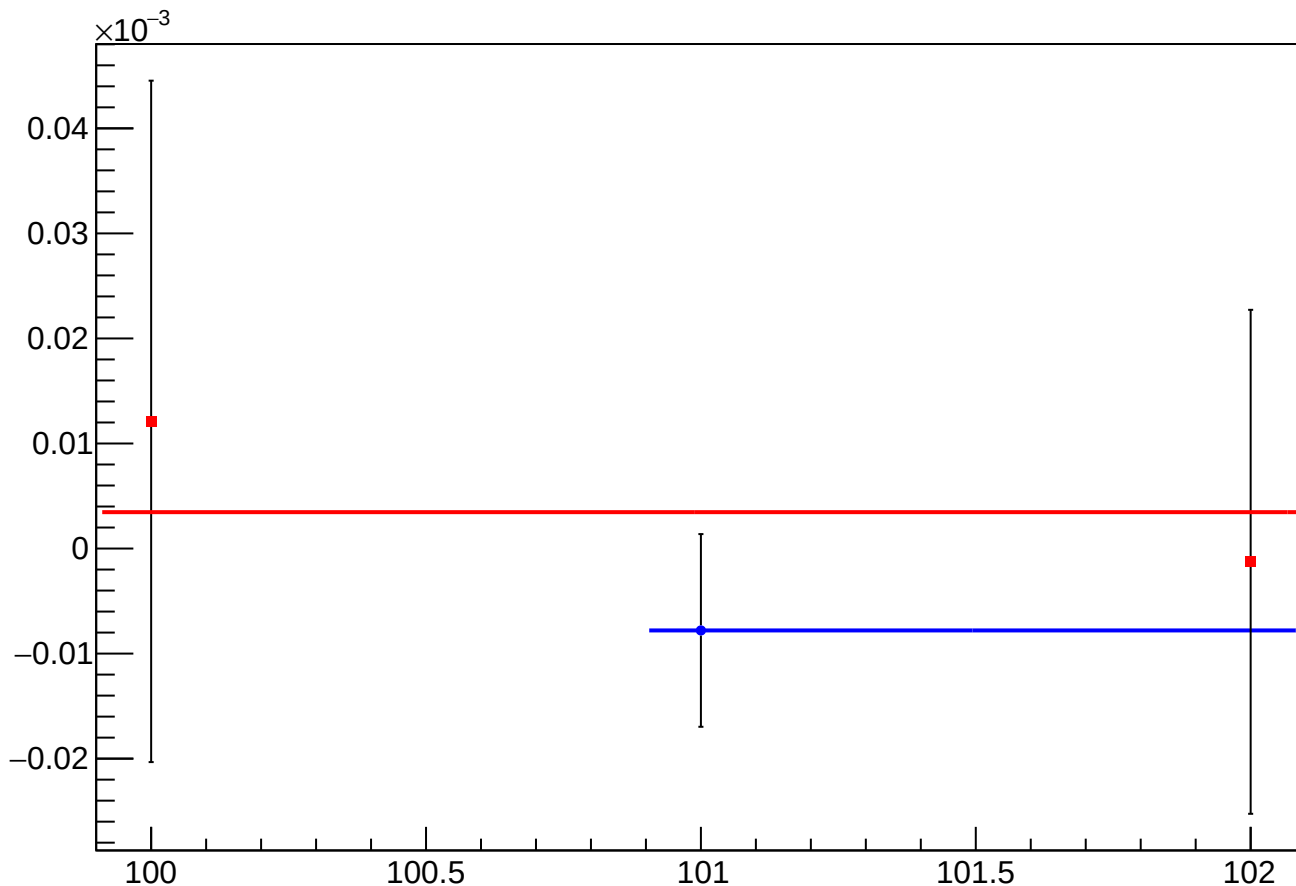
Right: 289.004 $\pm$ 0.175 χ^2 /NDF: 2366.3/2

In: 283.090 $\pm$ 0.248 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 289.004 $\pm$ 0.175 χ^2 /NDF: 2366.3/2

asym_sam2_eigen_dit_vs_dit_diff_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 : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

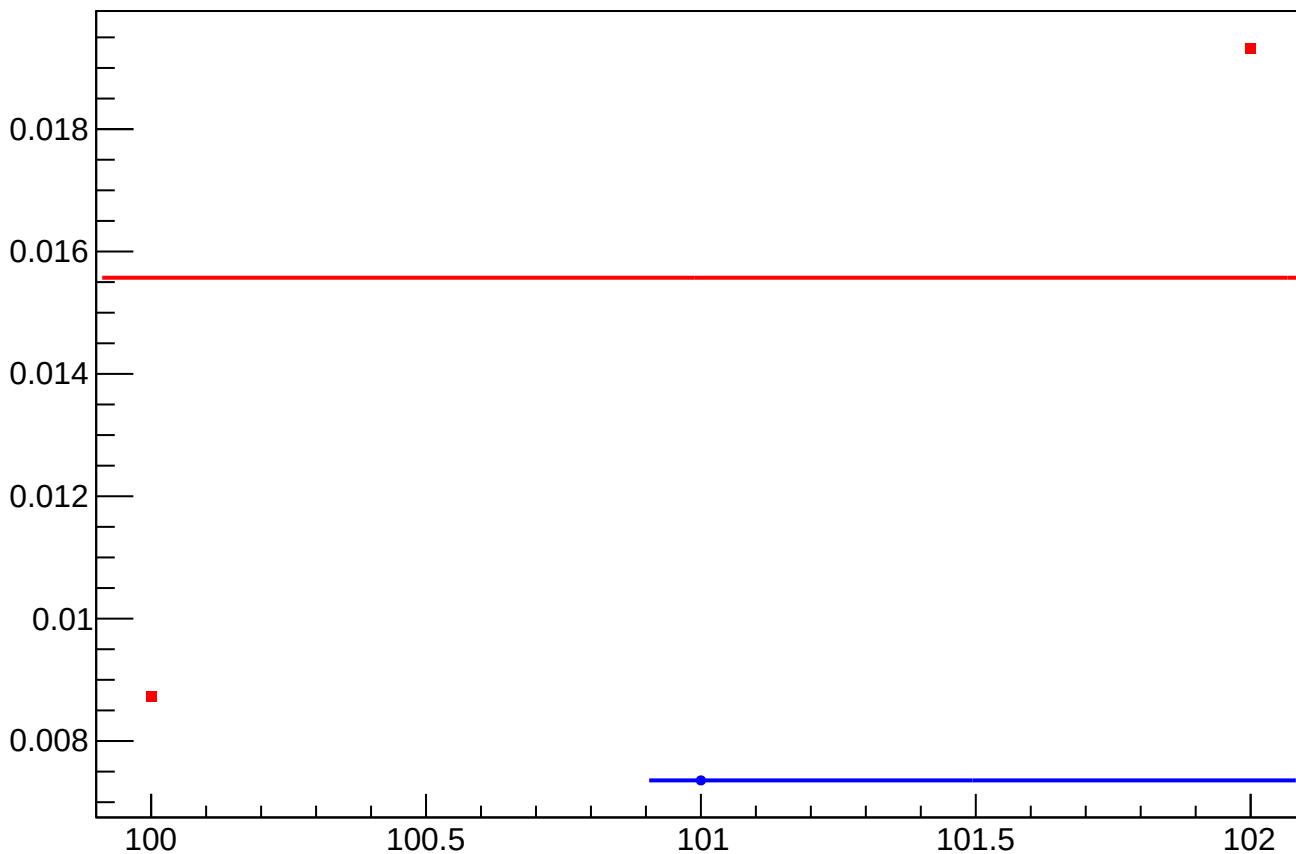
Right: -0.000+/-0.000 χ^2/NDF : 0.4/2

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 : 0.4/2

asym_sam2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 137710.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

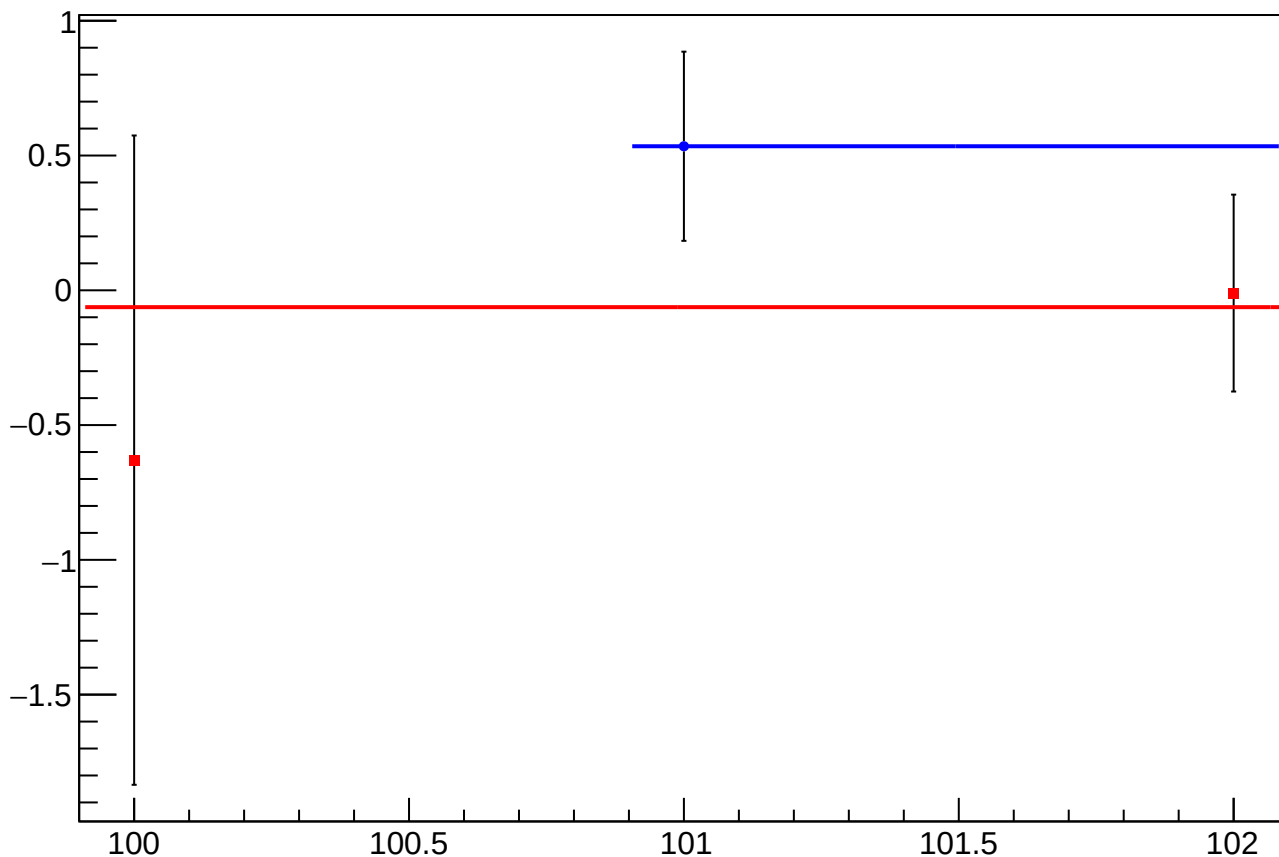
Right: 0.009+/-0.000 χ^2/NDF : 433671.7/2

In: 0.007+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 433671.7/2

asym_sam2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.534 $\pm$ 0.351 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.063 $\pm$ 0.350 χ^2 /NDF: 0.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

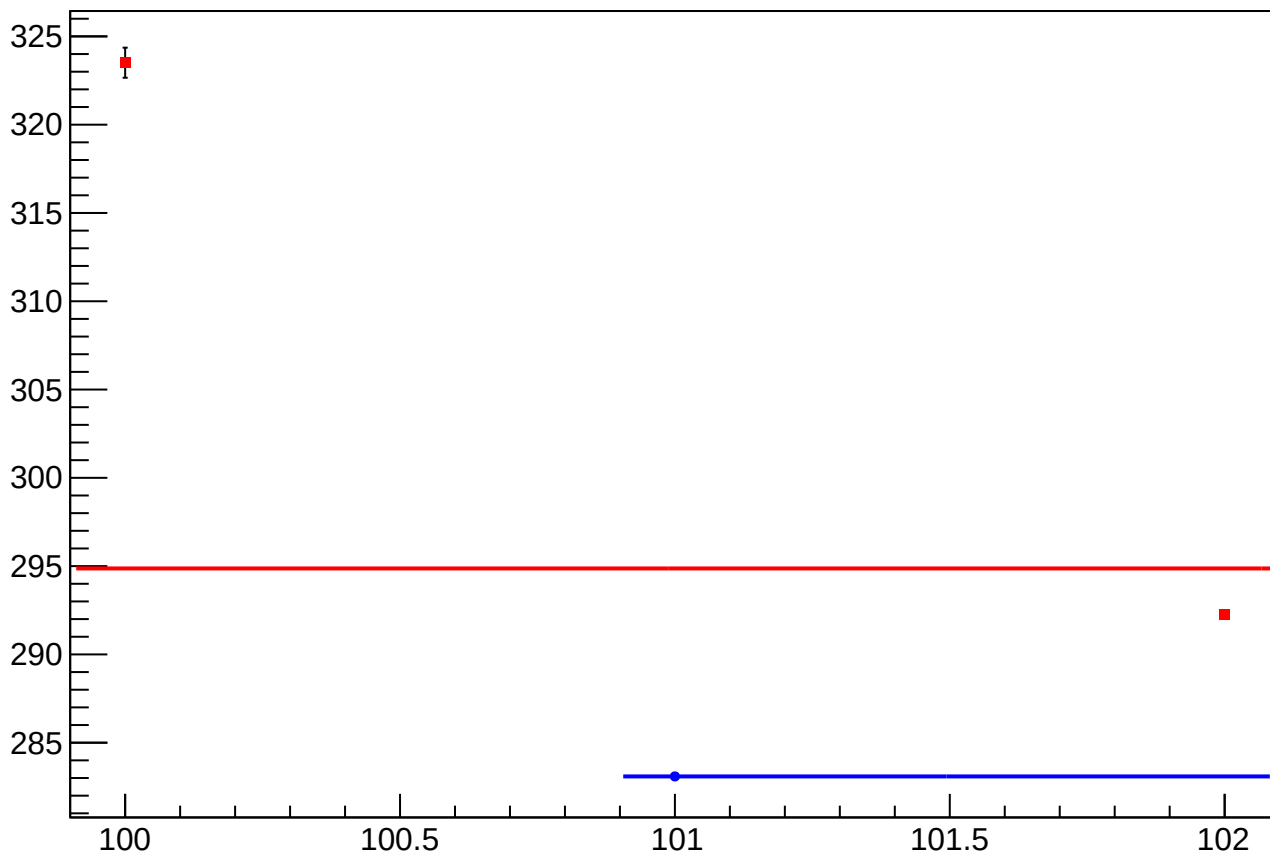
Right: 0.235 $\pm$ 0.248 χ^2 /NDF: 1.7/2

In: 0.534 $\pm$ 0.351 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.235 $\pm$ 0.248 χ^2 /NDF: 1.7/2

asym_sam2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 283.091 $\pm$ 0.248 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 294.868 $\pm$ 0.247 χ^2 /NDF: 1234.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

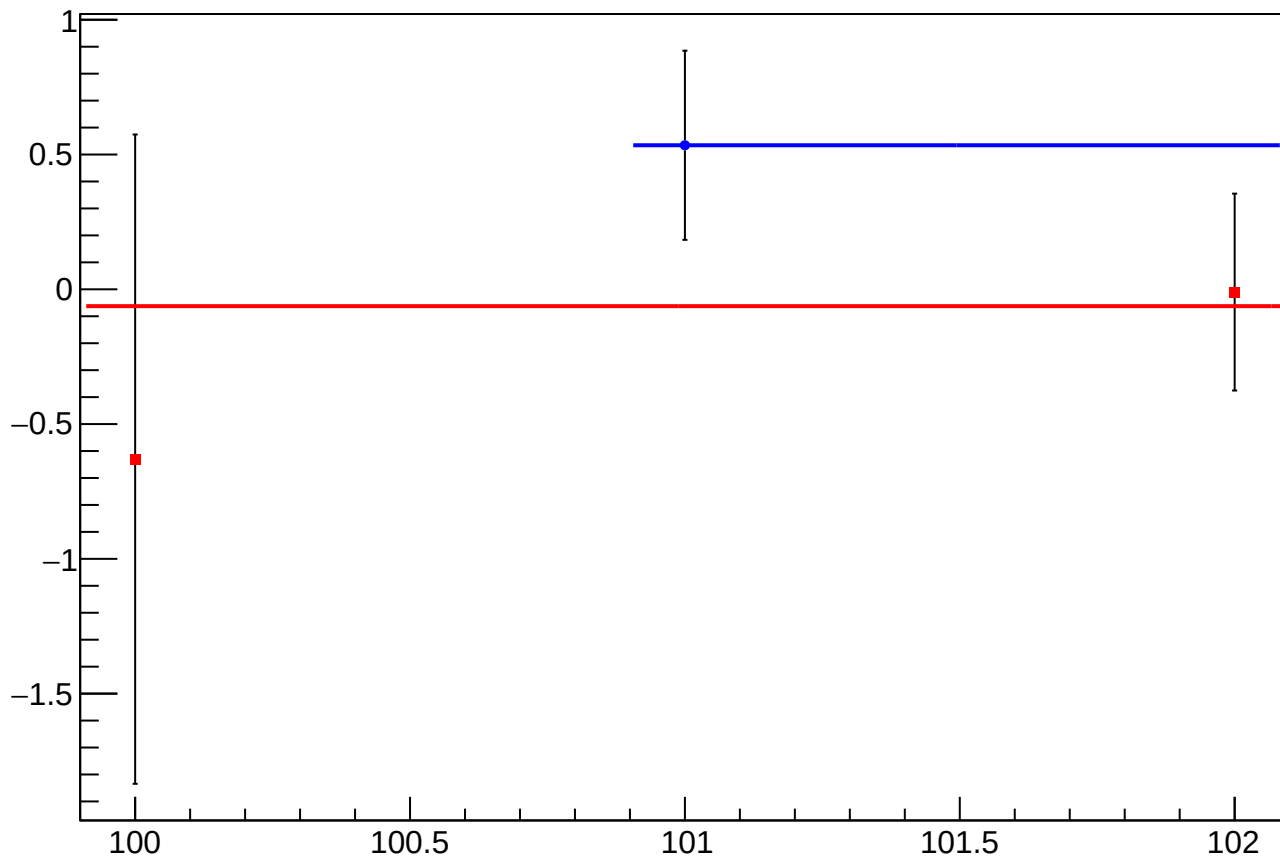
Right: 289.003 $\pm$ 0.175 χ^2 /NDF: 2365.9/2

In: 283.091 $\pm$ 0.248 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 289.003 $\pm$ 0.175 χ^2 /NDF: 2365.9/2

asym_sam2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.534 $\pm$ 0.351 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.063 $\pm$ 0.350 χ^2 /NDF: 0.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

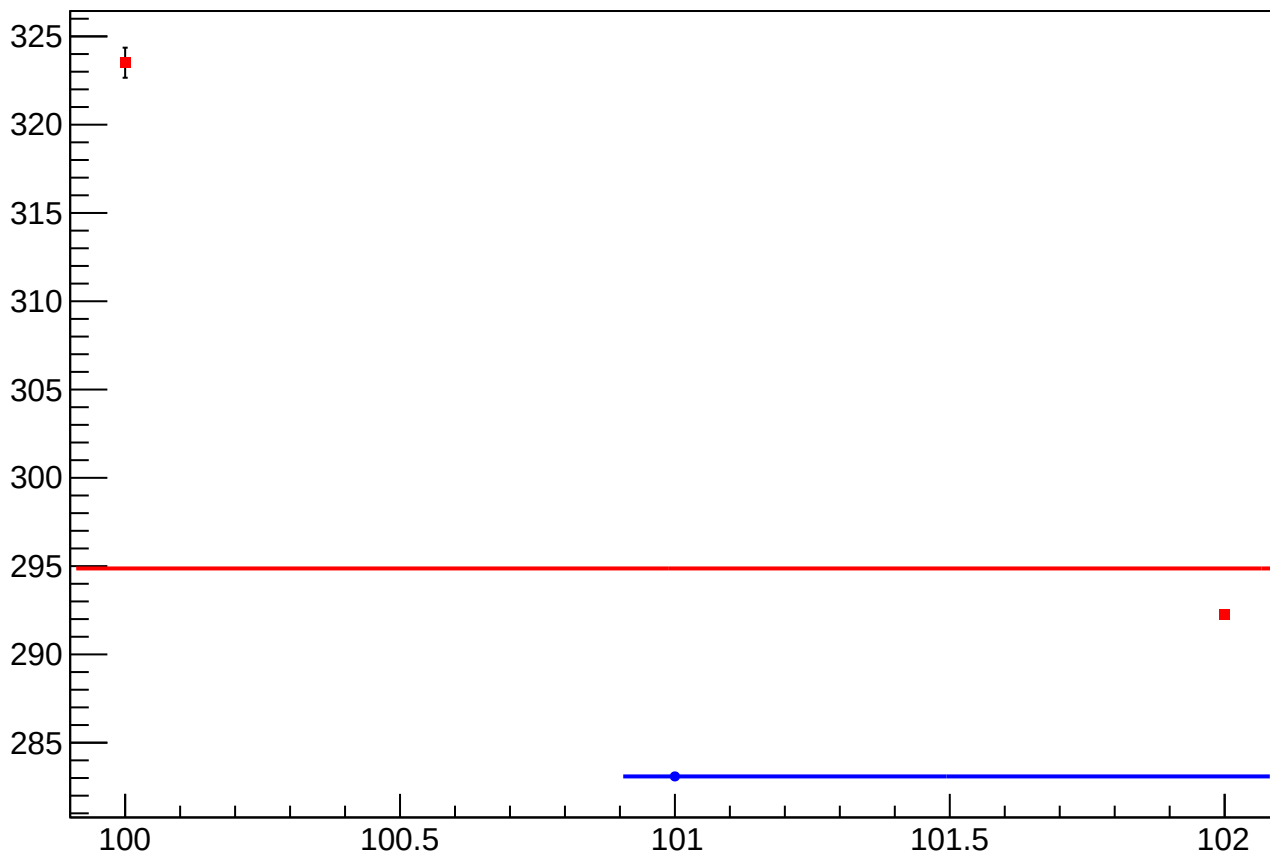
Right: 0.235 $\pm$ 0.248 χ^2 /NDF: 1.7/2

In: 0.534 $\pm$ 0.351 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.235 $\pm$ 0.248 χ^2 /NDF: 1.7/2

asym_sam2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 283.091 $\pm$ 0.248 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 294.868 $\pm$ 0.247 χ^2 /NDF: 1234.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

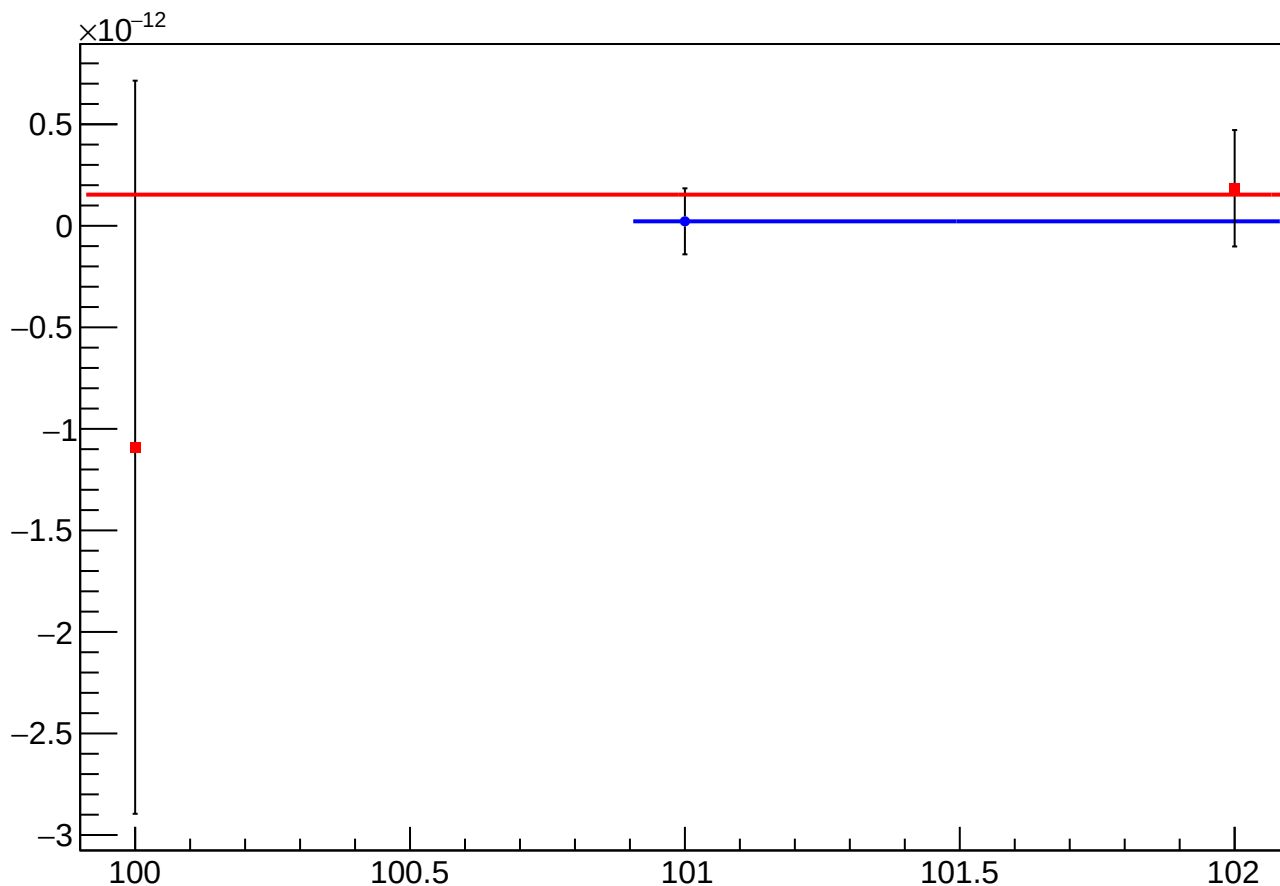
Right: 289.003 $\pm$ 0.175 χ^2 /NDF: 2365.9/2

In: 283.091 $\pm$ 0.248 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 289.003 $\pm$ 0.175 χ^2 /NDF: 2365.9/2

asym_sam2_eigen_cor_vs_cor_diff_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 : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

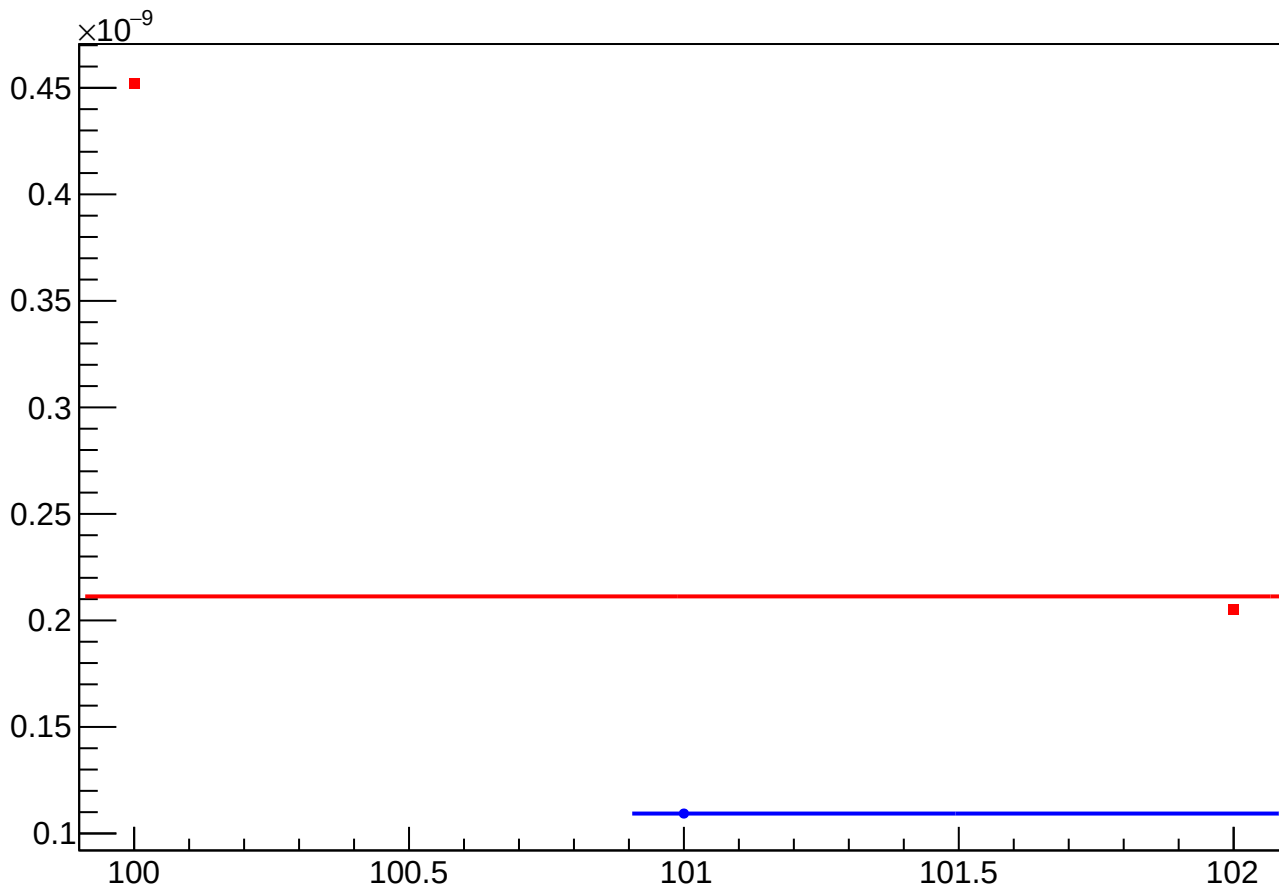
Right: 0.000+/-0.000 χ^2/NDF : 0.6/2

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 : 0.6/2

asym_sam2_eigen_cor_vs_cor_diff_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 : 36489.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

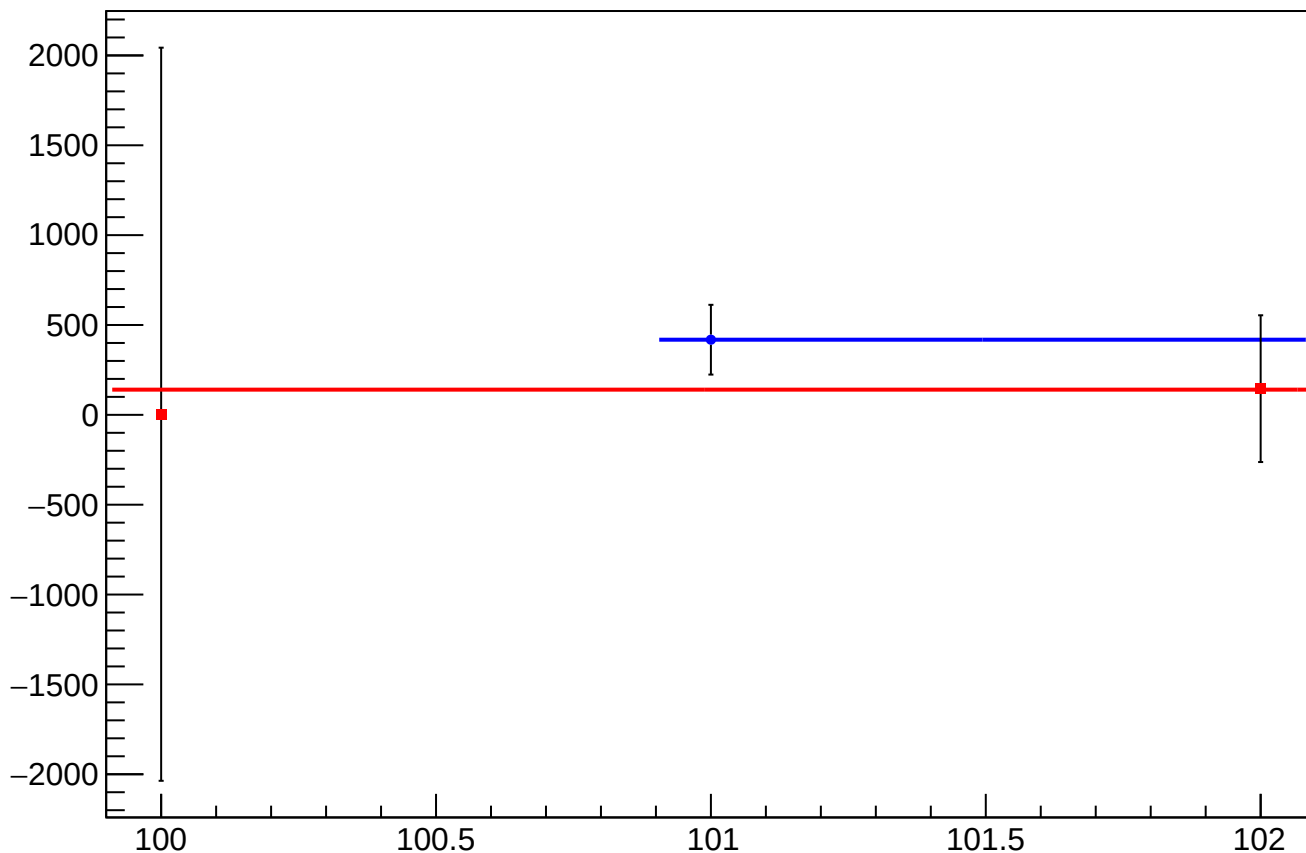
Right: 0.000+/-0.000 χ^2/NDF : 231506.9/2

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 : 231506.9/2

reg_asym_sam3_mean vs Slug, Sign Corrected



Right In: 418.142+/-194.102 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 140.223+/-400.399 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

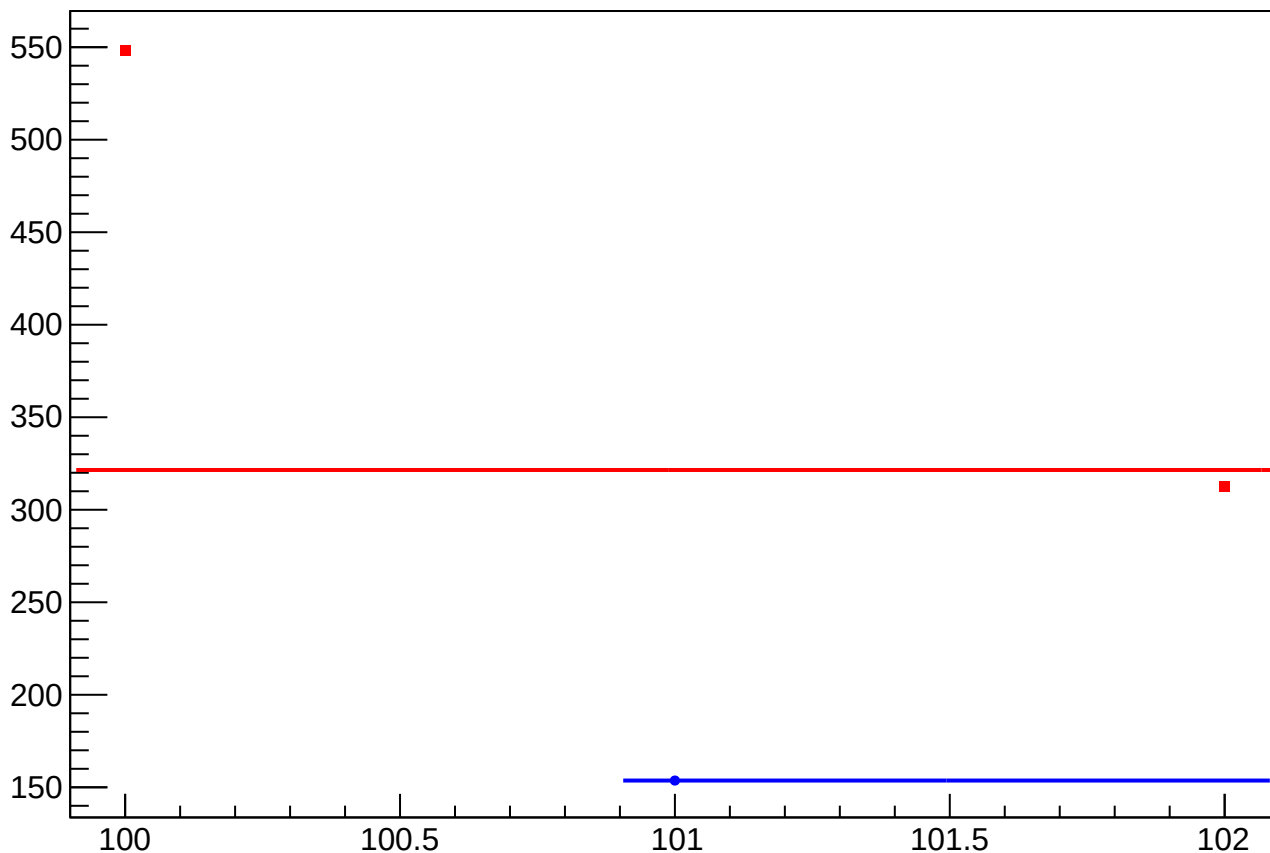
Right: 365.258+/-174.661 χ^2/NDF : 0.4/2

In: 418.142+/-194.102 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 365.258+/-174.661 χ^2/NDF : 0.4/2

reg_asym_sam3_rms vs Slug, Sign Corrected



Right In: 153.650 $\pm$ 0.137 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 321.495 $\pm$ 0.283 χ^2 /NDF: 25717.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

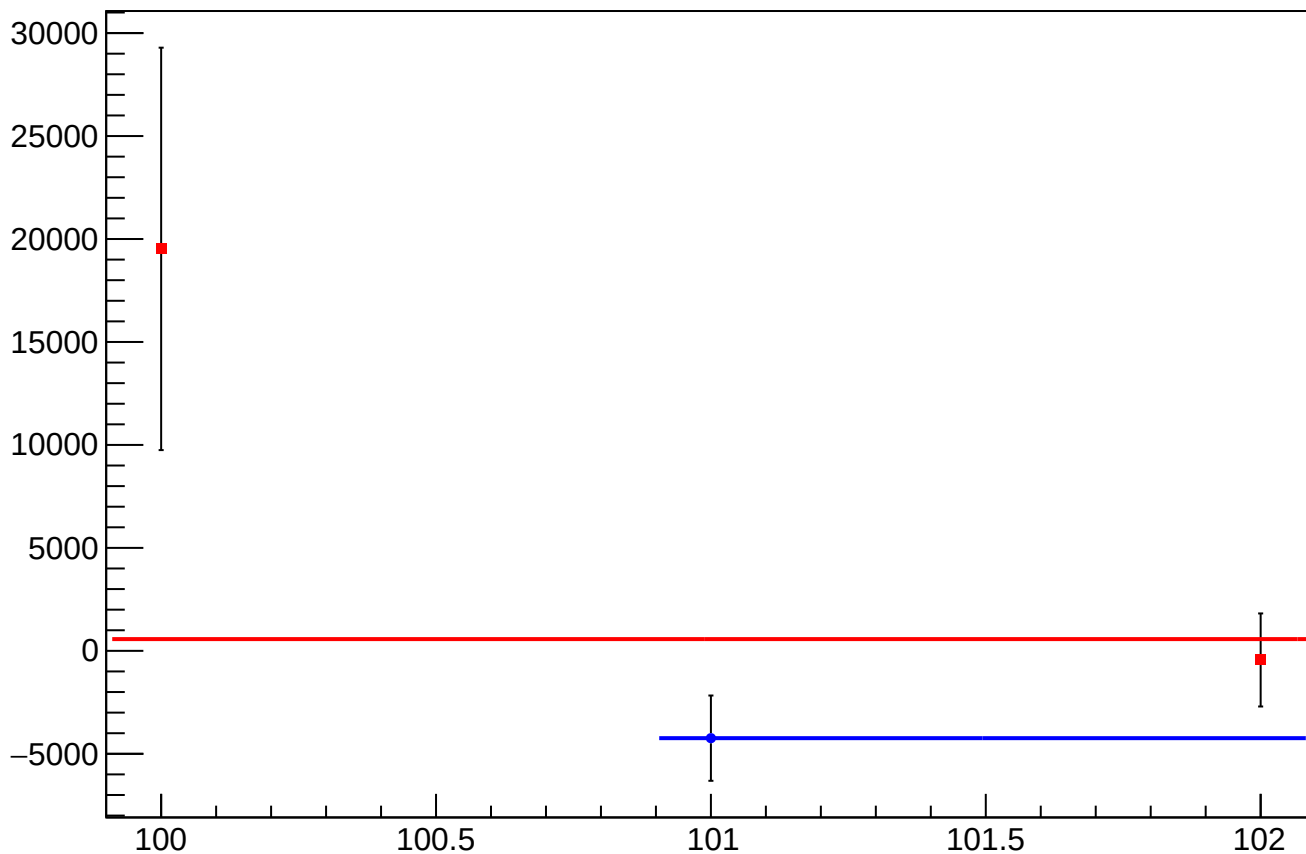
Right: 185.588 $\pm$ 0.124 χ^2 /NDF: 310289.8/2

In: 153.650 $\pm$ 0.137 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 185.588 $\pm$ 0.124 χ^2 /NDF: 310289.8/2

asym_sam3_reg_correction_mean vs Slug, Sign Corrected



Right In: -4240.081+/-2070.661 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 570.536+/-2201.508 χ^2/NDF : 4.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

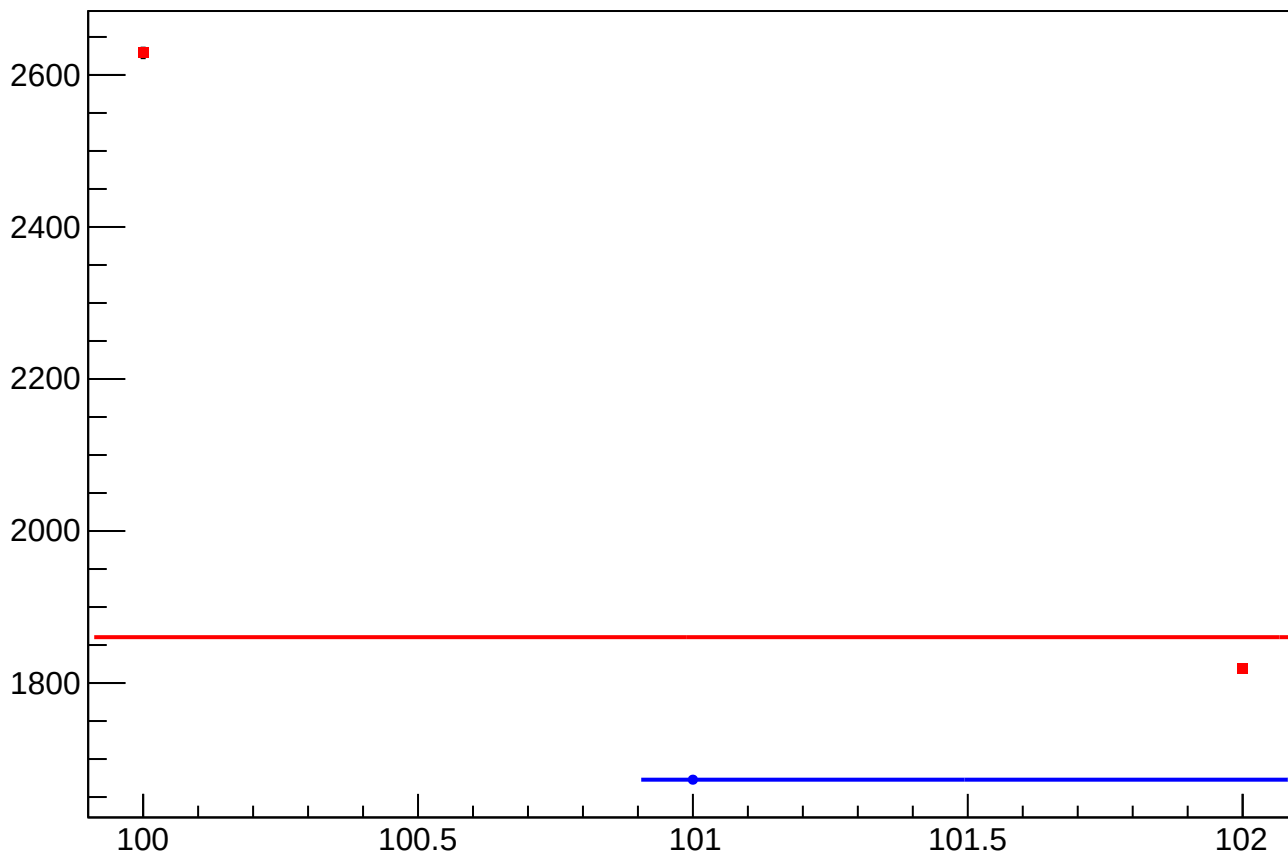
Right: -1981.973+/-1508.316 χ^2/NDF : 6.5/2

In: -4240.081+/-2070.661 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1981.973+/-1508.316 χ^2/NDF : 6.5/2

asym_sam3_reg_correction_rms vs Slug, Sign Corrected



Right In: 1672.826+/-1.464 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1860.330+/-1.557 χ^2/NDF : 13038.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

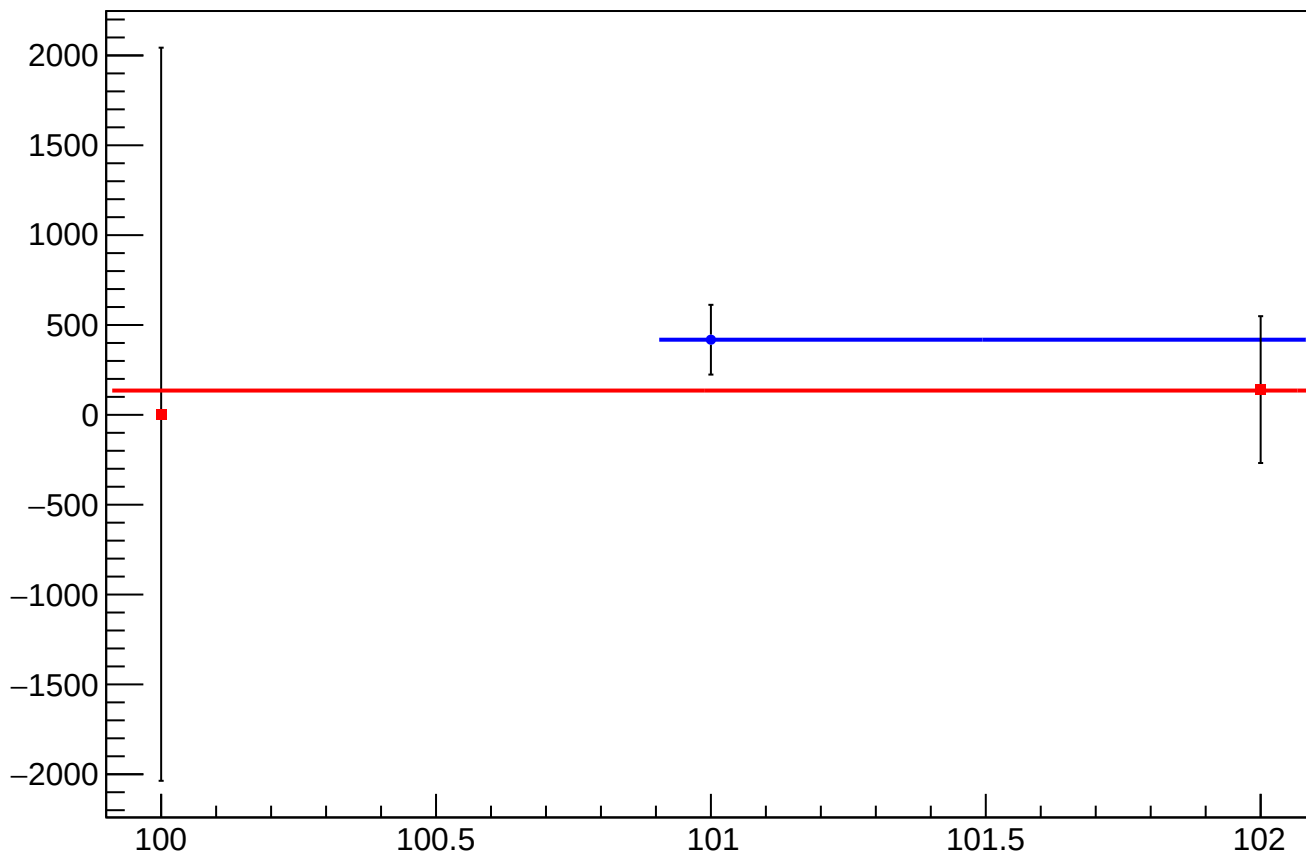
Right: 1760.840+/-1.067 χ^2/NDF : 20736.3/2

In: 1672.826+/-1.464 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1760.840+/-1.067 χ^2/NDF : 20736.3/2

cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 418.130+/-194.102 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.206+/-400.583 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

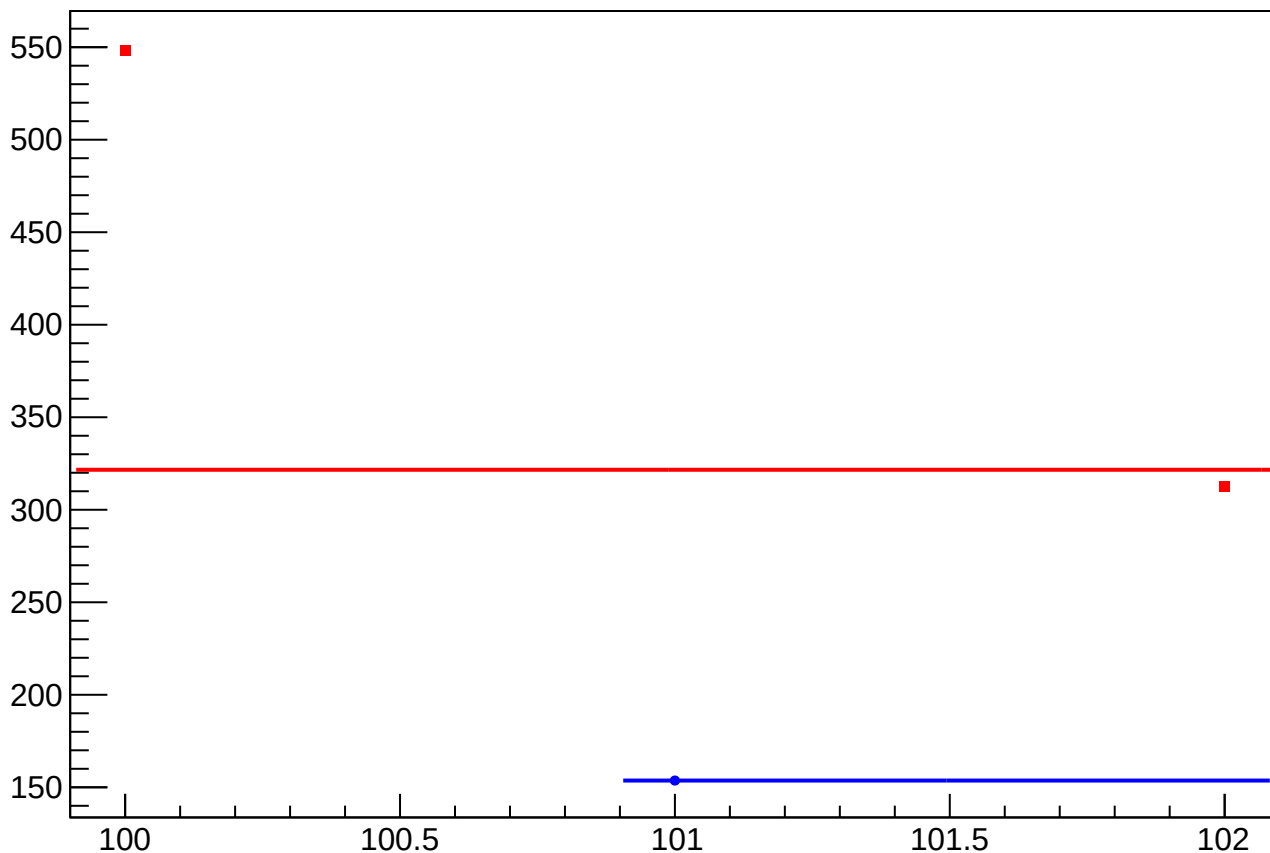
Right: 364.334+/-174.676 χ^2/NDF : 0.4/2

In: 418.130+/-194.102 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 364.334+/-174.676 χ^2/NDF : 0.4/2

cor_asym_sam3_rms vs Slug, Sign Corrected



Right In: 153.650 $\pm$ 0.137 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 321.616 $\pm$ 0.283 χ^2 /NDF: 25690.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

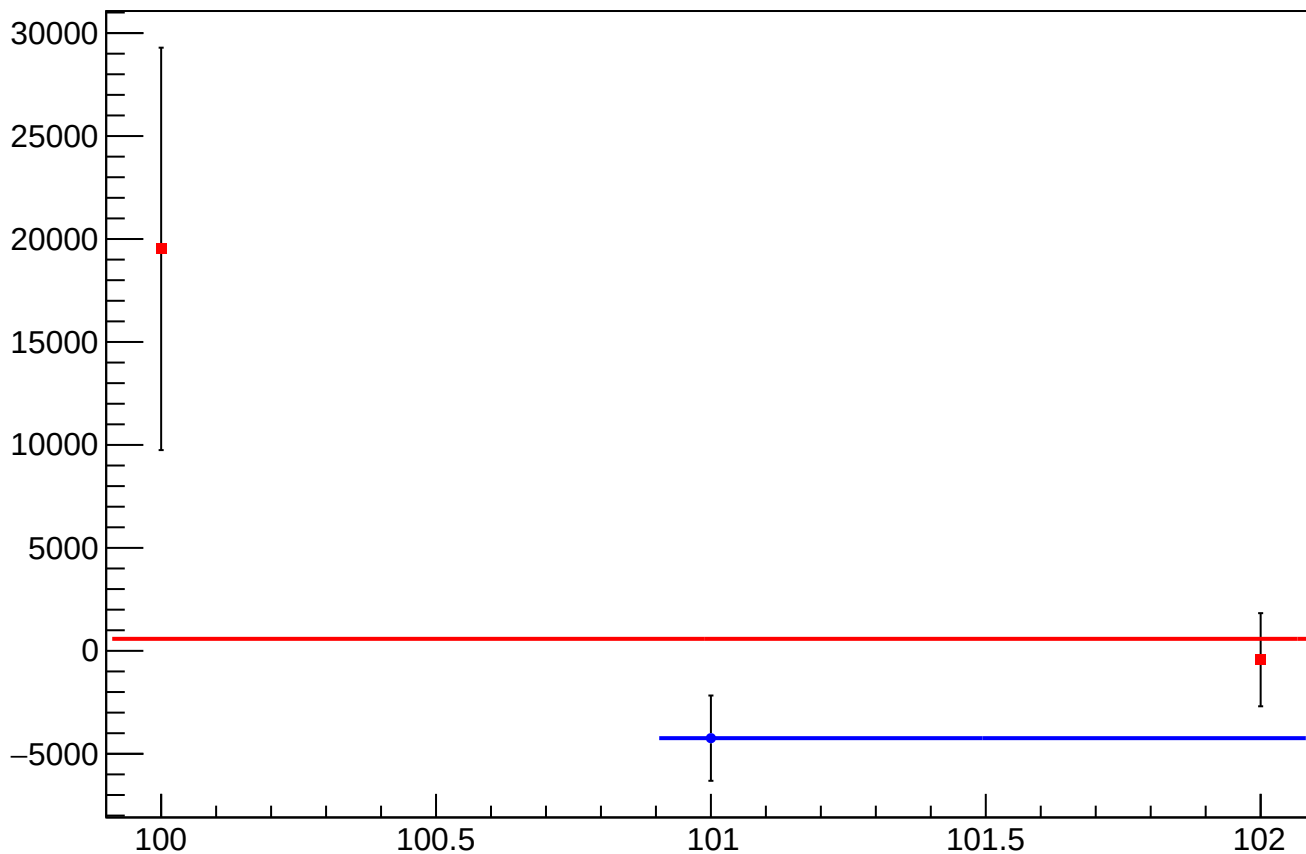
Right: 185.587 $\pm$ 0.124 χ^2 /NDF: 310462.9/2

In: 153.650 $\pm$ 0.137 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 185.587 $\pm$ 0.124 χ^2 /NDF: 310462.9/2

asym_sam3_cor_correction_mean vs Slug, Sign Corrected



Right In: -4240.083+/-2070.663 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 583.210+/-2203.300 χ^2/NDF : 4.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

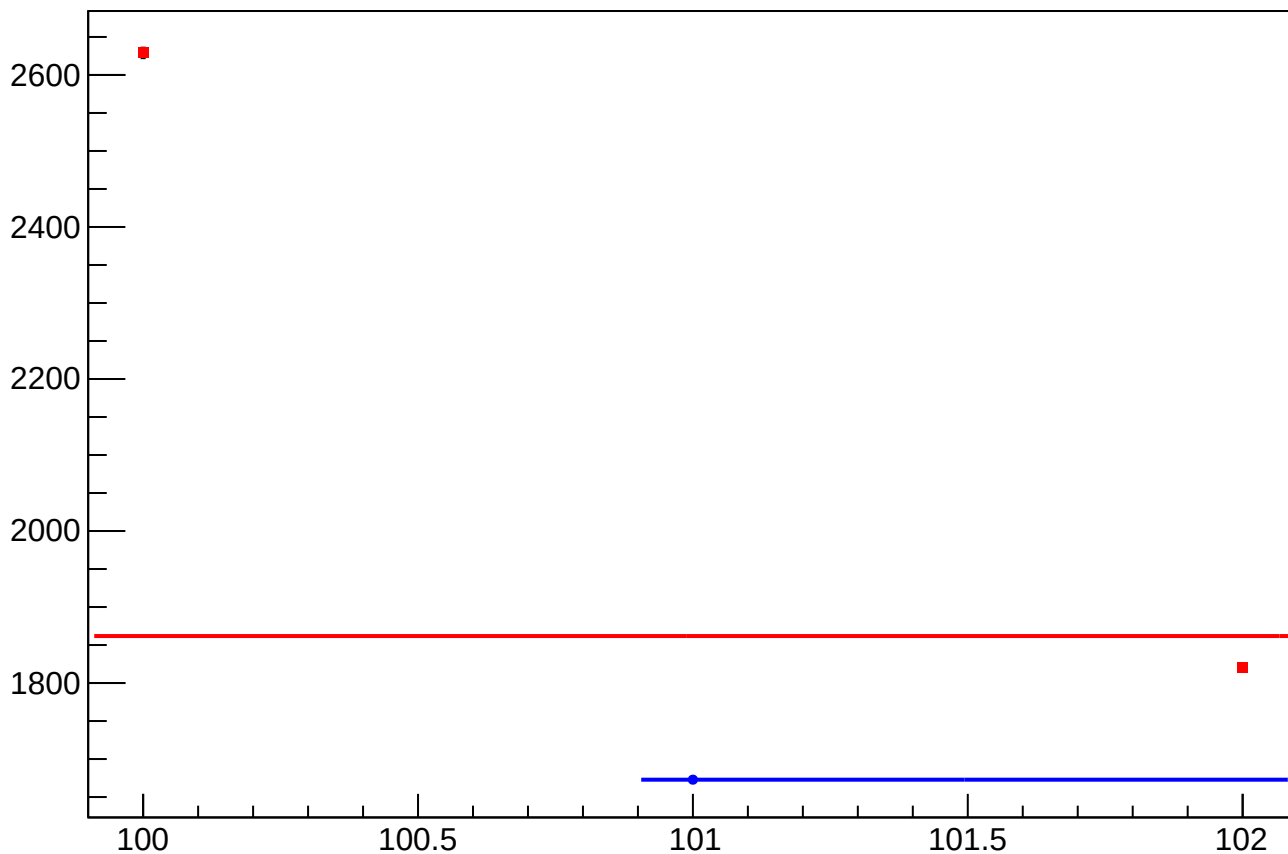
Right: -1977.977+/-1508.892 χ^2/NDF : 6.5/2

In: -4240.083+/-2070.663 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1977.977+/-1508.892 χ^2/NDF : 6.5/2

asym_sam3_cor_correction_rms vs Slug, Sign Corrected



Right In: 1672.828 $\pm$ 1.464 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1861.812 $\pm$ 1.558 χ^2 /NDF: 12989.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

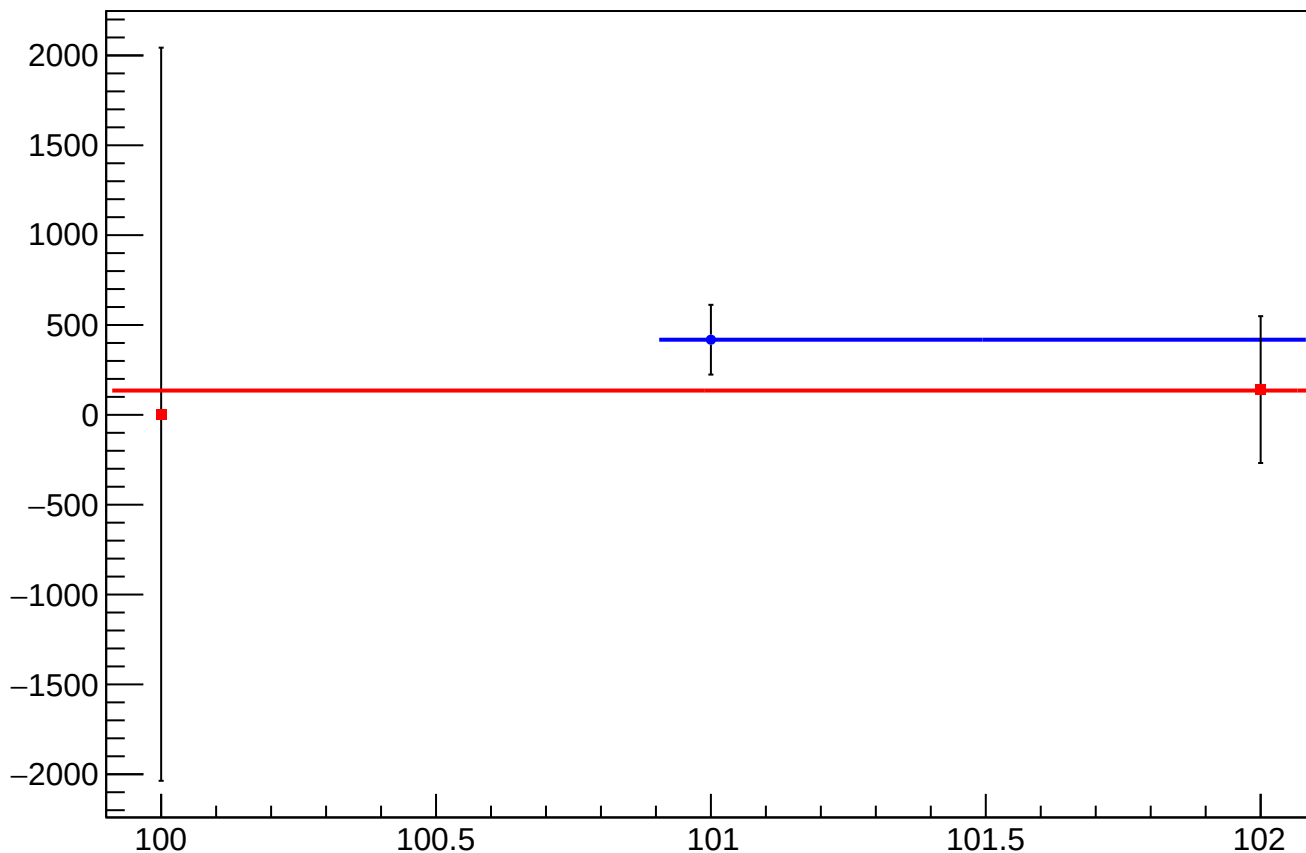
Right: 1761.460 $\pm$ 1.067 χ^2 /NDF: 20802.5/2

In: 1672.828 $\pm$ 1.464 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1761.460 $\pm$ 1.067 χ^2 /NDF: 20802.5/2

eigen_cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 418.130 $\pm$ 194.102 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 135.206 $\pm$ 400.583 χ^2/NDF : 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

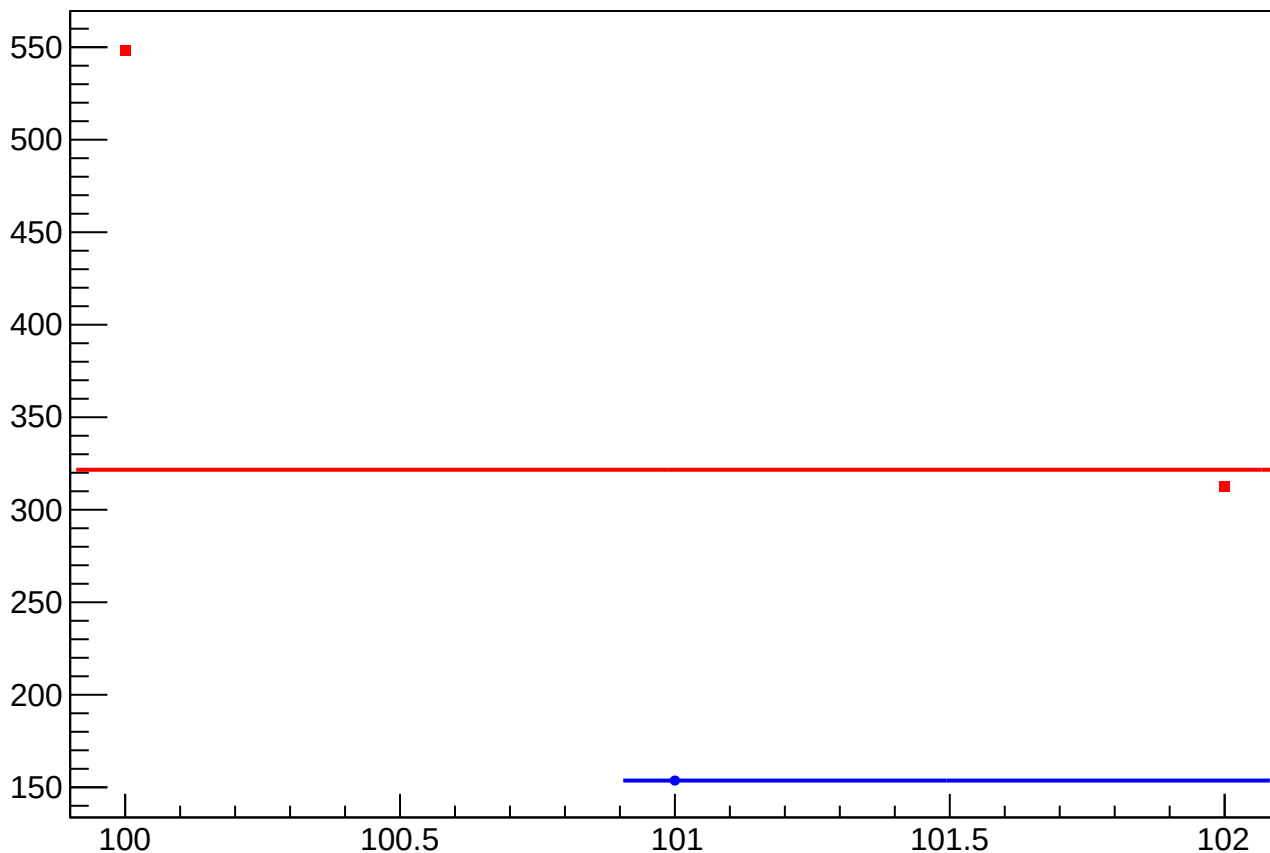
Right: 364.334 $\pm$ 174.676 χ^2/NDF : 0.4/2

In: 418.130 $\pm$ 194.102 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 364.334 $\pm$ 174.676 χ^2/NDF : 0.4/2

eigen_cor_asym_sam3_rms vs Slug, Sign Corrected



Right In: 153.650 $\pm$ 0.137 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 321.616 $\pm$ 0.283 χ^2 /NDF: 25690.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

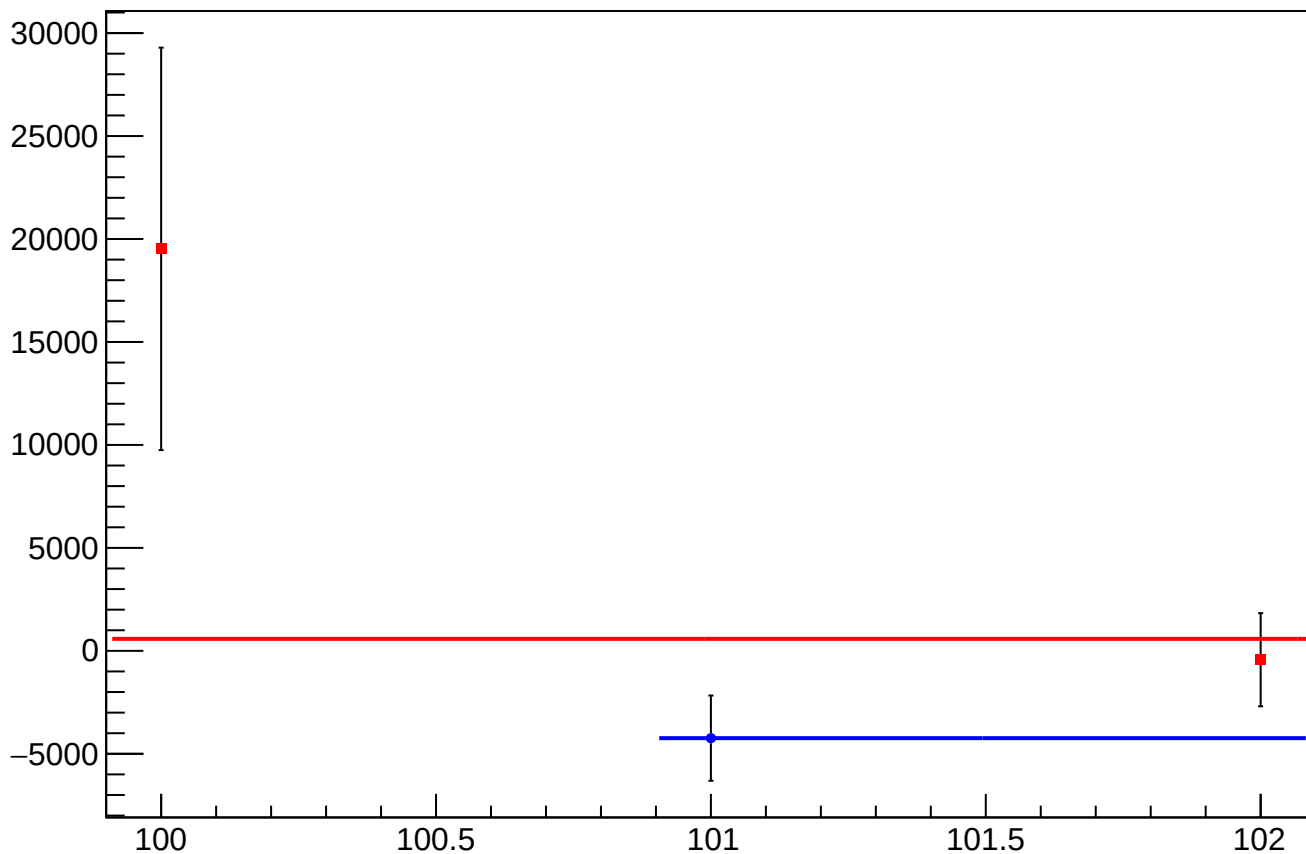
Right: 185.587 $\pm$ 0.124 χ^2 /NDF: 310462.9/2

In: 153.650 $\pm$ 0.137 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 185.587 $\pm$ 0.124 χ^2 /NDF: 310462.9/2

asym_sam3_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -4240.083+/-2070.663 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 583.210+/-2203.300 χ^2/NDF : 4.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

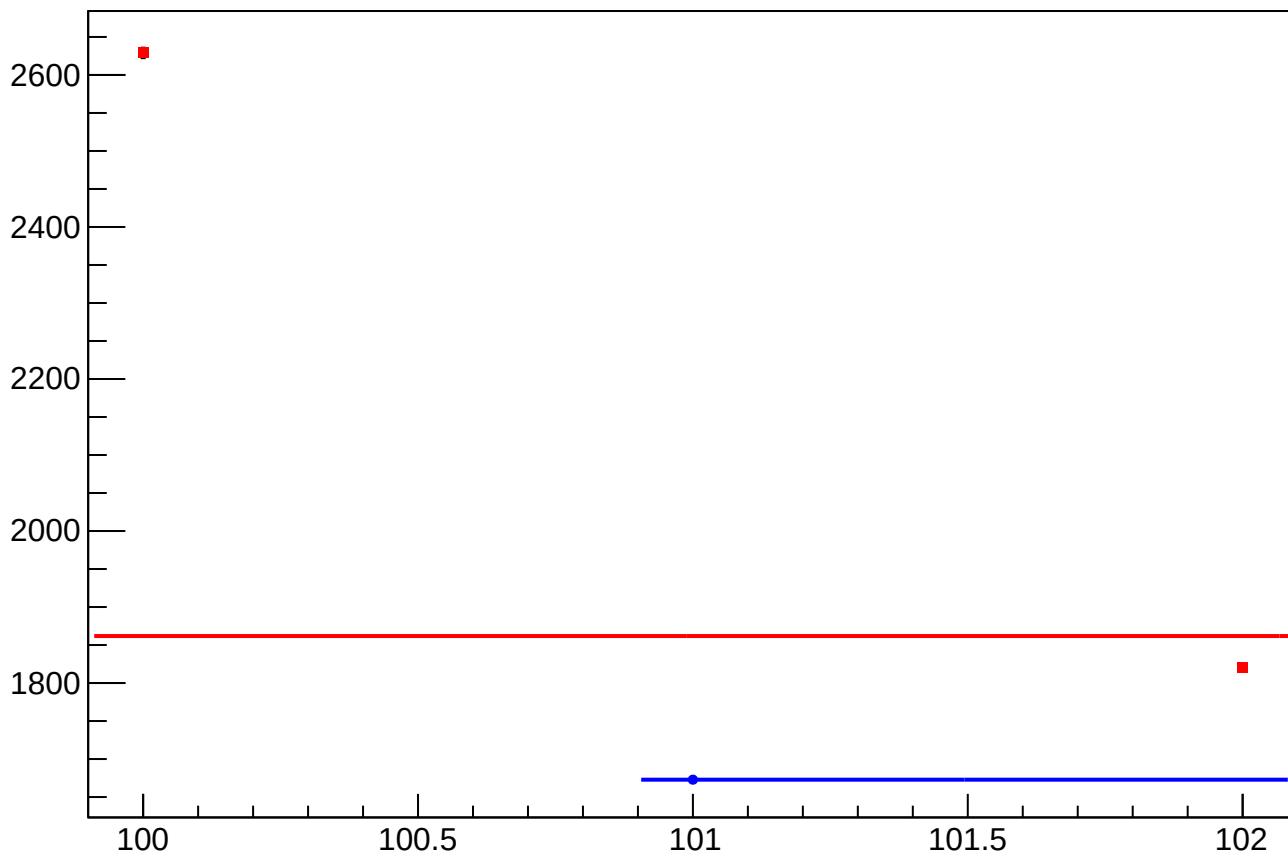
Right: -1977.977+/-1508.892 χ^2/NDF : 6.5/2

In: -4240.083+/-2070.663 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1977.977+/-1508.892 χ^2/NDF : 6.5/2

asym_sam3_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1672.828 $\pm$ 1.464 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1861.812 $\pm$ 1.558 χ^2 /NDF: 12989.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

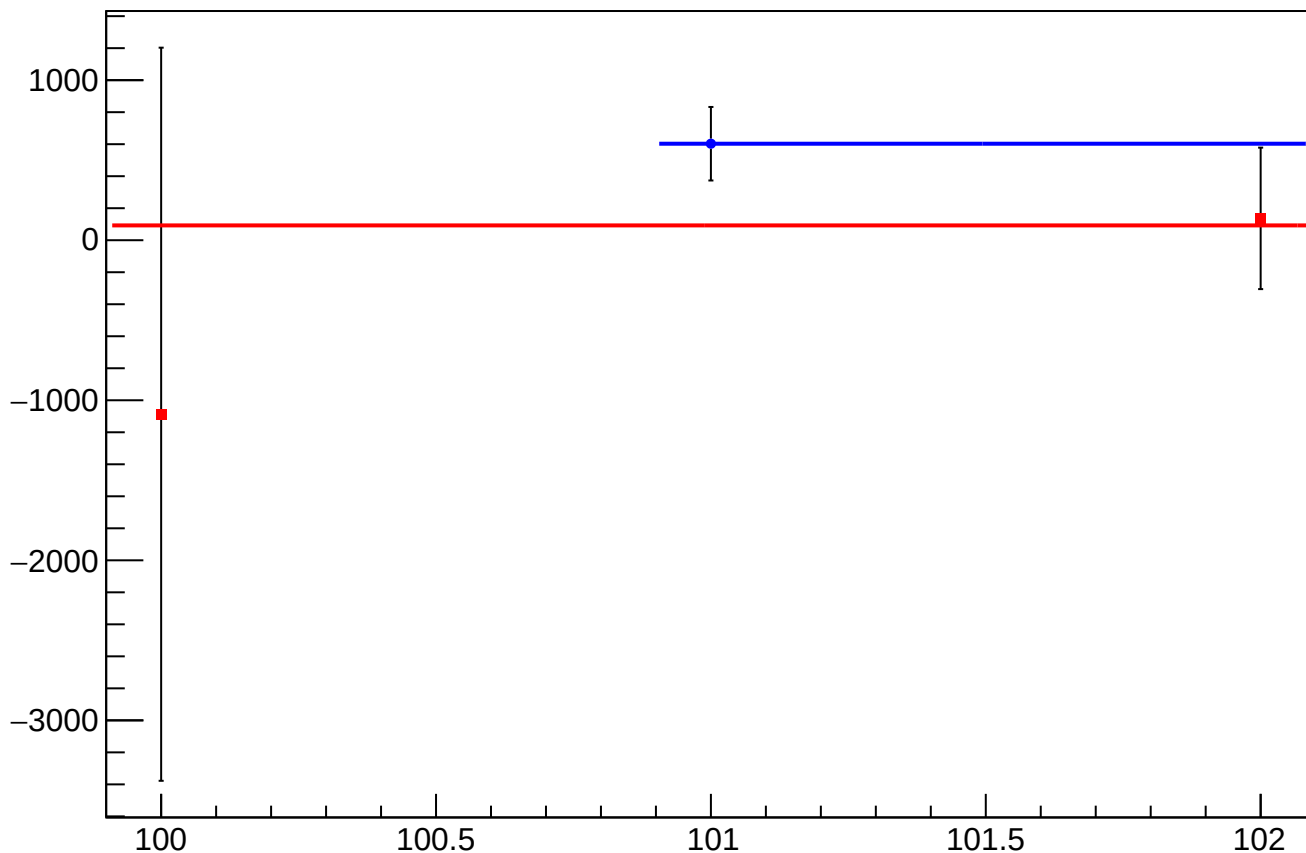
Right: 1761.460 $\pm$ 1.067 χ^2 /NDF: 20802.5/2

In: 1672.828 $\pm$ 1.464 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1761.460 $\pm$ 1.067 χ^2 /NDF: 20802.5/2

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 602.915 $\pm$ 229.689 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 92.569 $\pm$ 433.956 χ^2 /NDF: 0.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

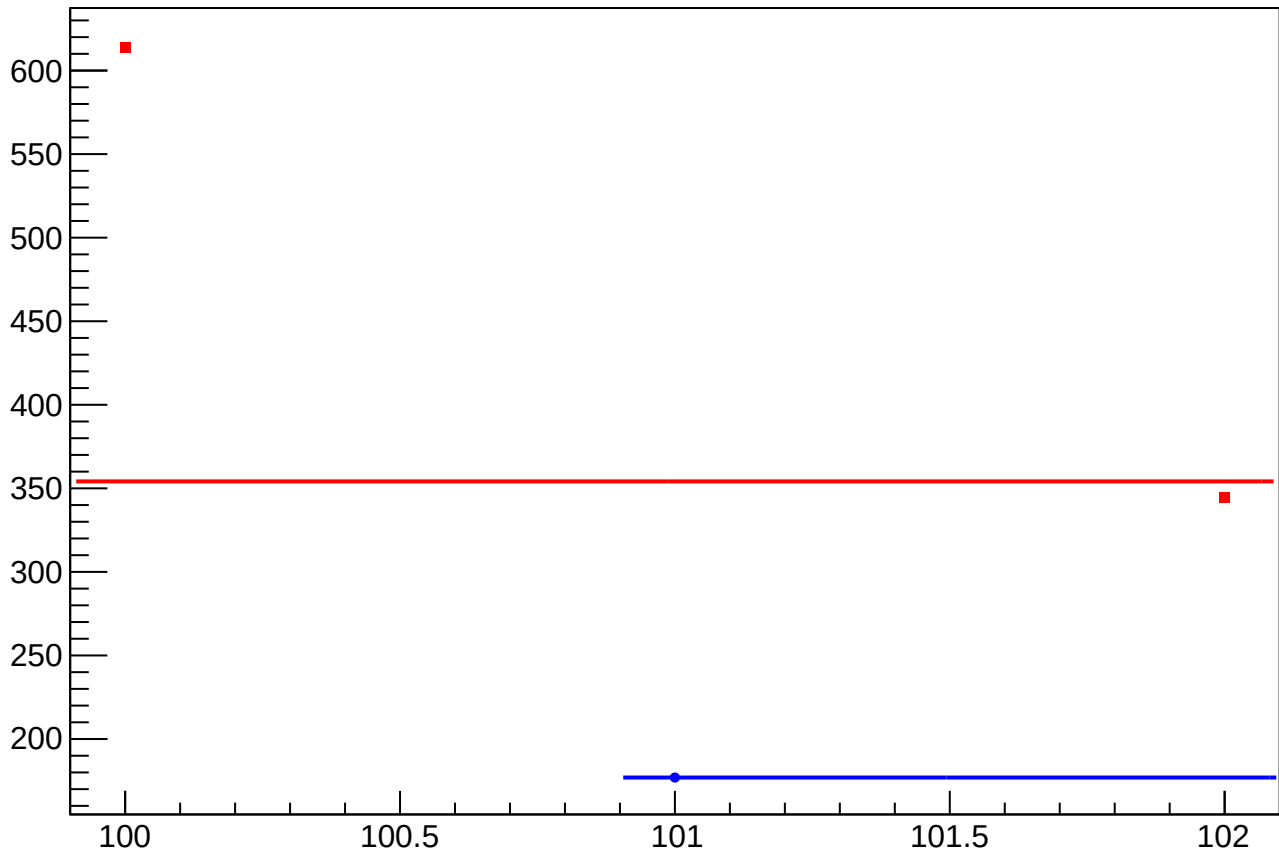
Right: 491.230 $\pm$ 203.006 χ^2 /NDF: 1.4/2

In: 602.915 $\pm$ 229.689 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 491.230 $\pm$ 203.006 χ^2 /NDF: 1.4/2

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 176.955 $\pm$ 0.162 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 354.156 $\pm$ 0.307 χ^2 /NDF: 26674.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

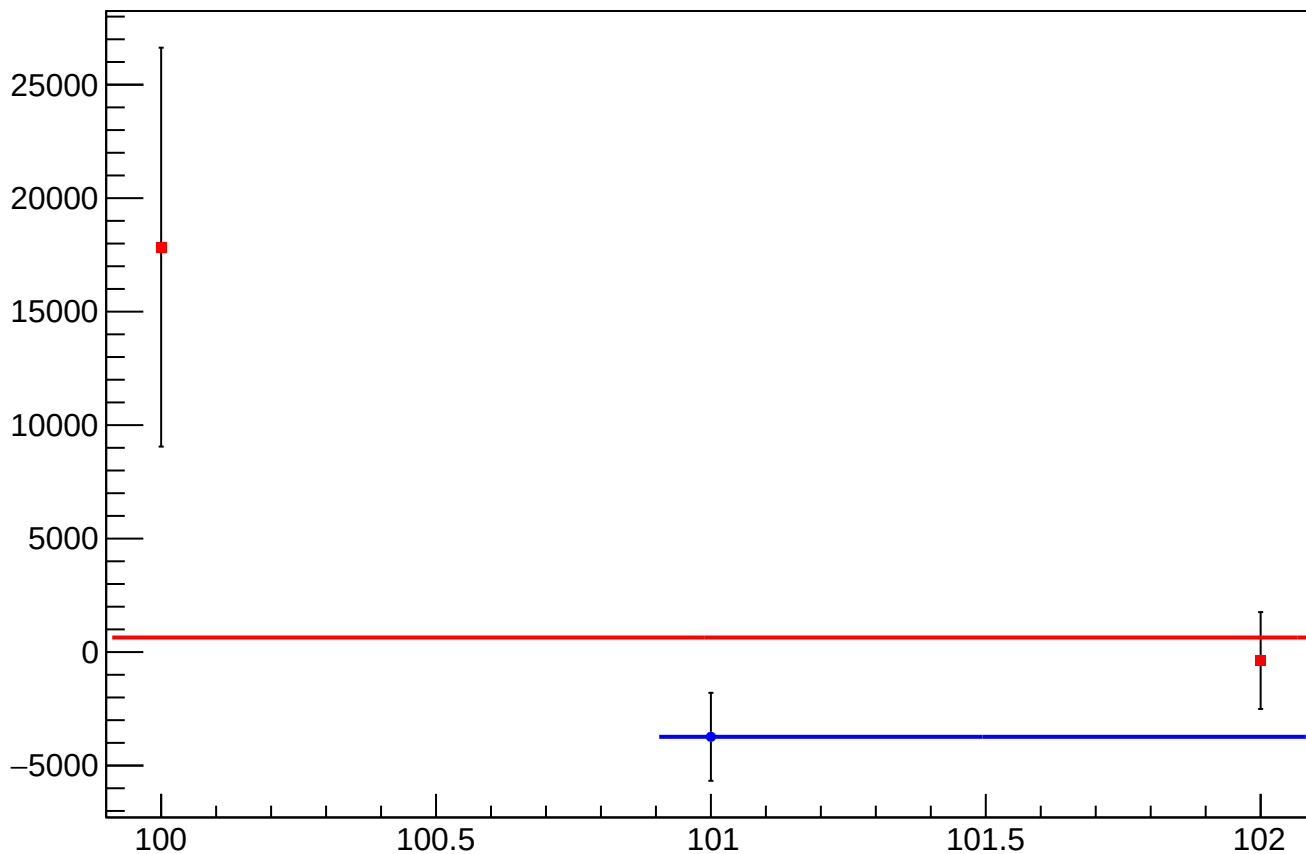
Right: 215.734 $\pm$ 0.144 χ^2 /NDF: 287177.4/2

In: 176.955 $\pm$ 0.162 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 215.734 $\pm$ 0.144 χ^2 /NDF: 287177.4/2

asym_sam3_dit_correction_mean vs Slug, Sign Corrected



Right In: -3733.18+/-1938.217 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 641.751+/-2073.199 χ^2 /NDF: 4.1/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

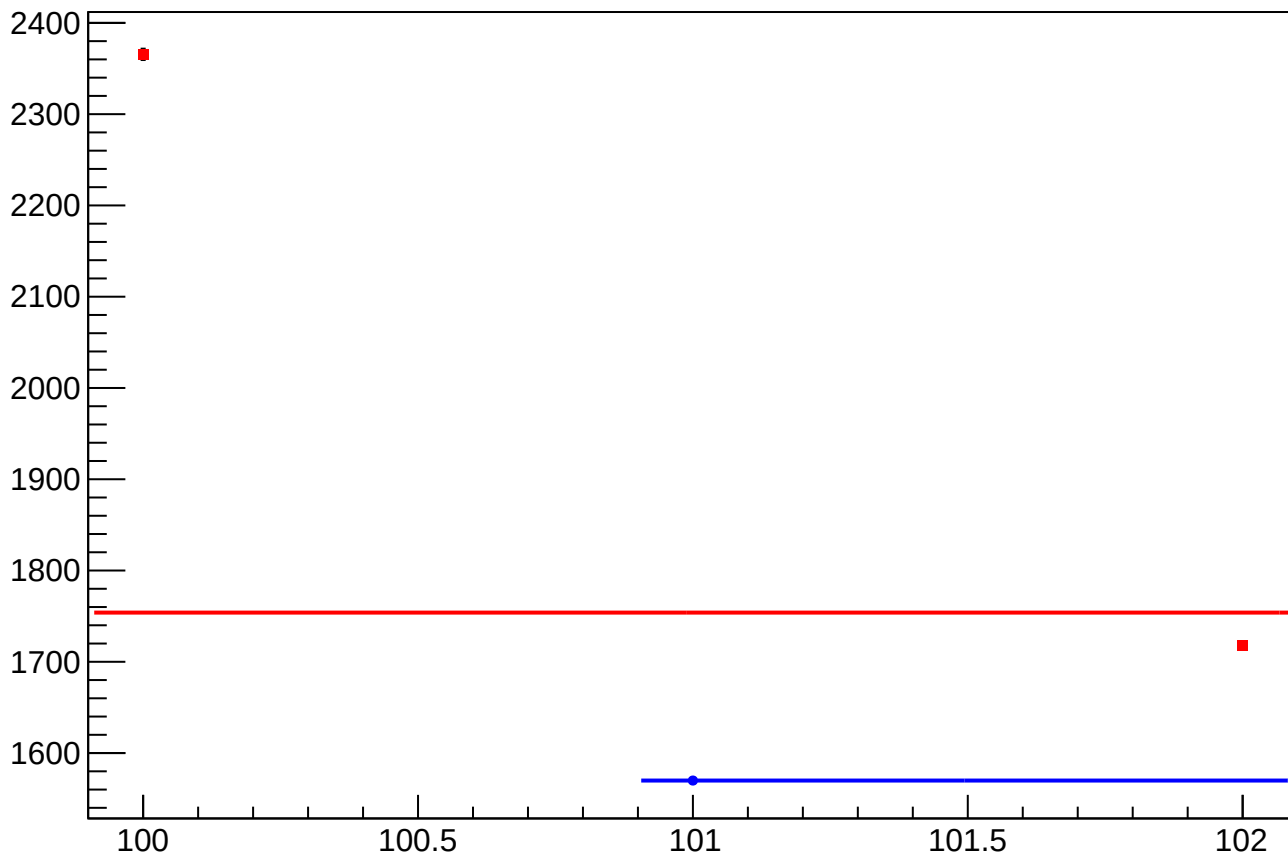
Right: -1692.729+/-1415.843 χ^2 /NDF: 6.4/2

In: -3733.18+/-1938.217 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1692.729+/-1415.843 χ^2 /NDF: 6.4/2

asym_sam3_dit_correction_rms vs Slug, Sign Corrected



Right In: 1569.888 $\pm$ 1.371 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1753.902 $\pm$ 1.466 χ^2 /NDF: 10257.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

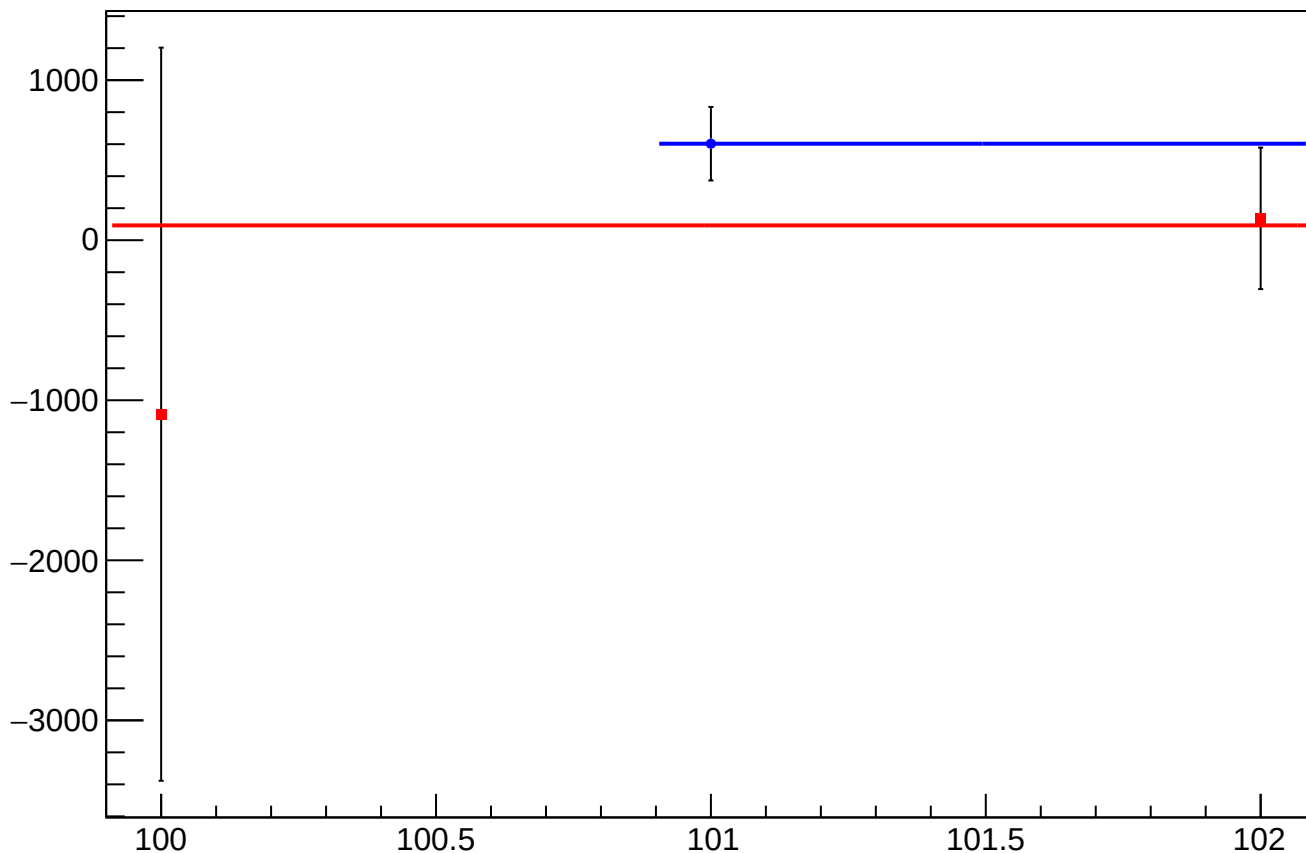
Right: 1655.710 $\pm$ 1.001 χ^2 /NDF: 18665.6/2

In: 1569.888 $\pm$ 1.371 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1655.710 $\pm$ 1.001 χ^2 /NDF: 18665.6/2

eigen_dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 602.929+/-229.692 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 92.572+/-433.959 χ^2 /NDF: 0.3/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

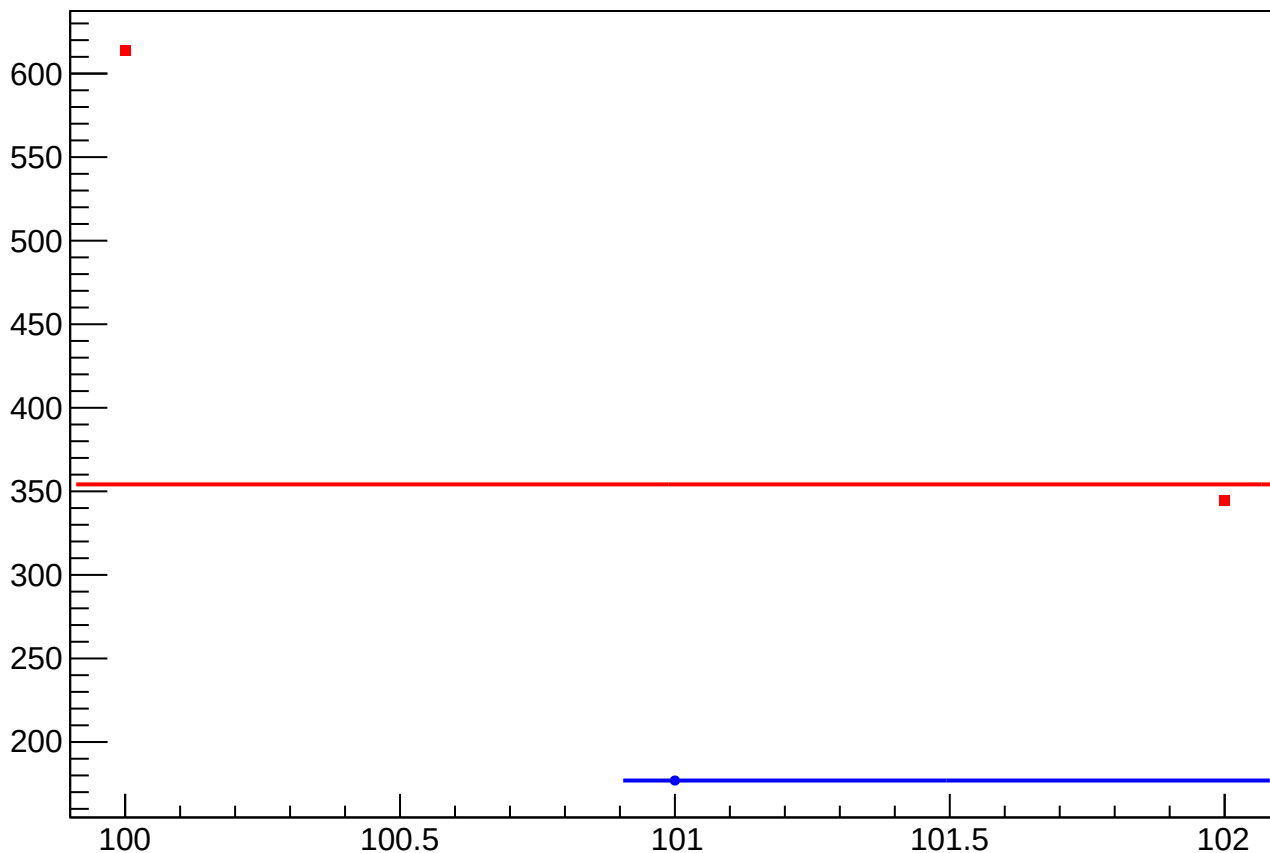
Right: 491.242+/-203.009 χ^2 /NDF: 1.4/2

In: 602.929+/-229.692 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 491.242+/-203.009 χ^2 /NDF: 1.4/2

eigen_dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 176.957 $\pm$ 0.162 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 354.159 $\pm$ 0.307 χ^2 /NDF: 26674.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

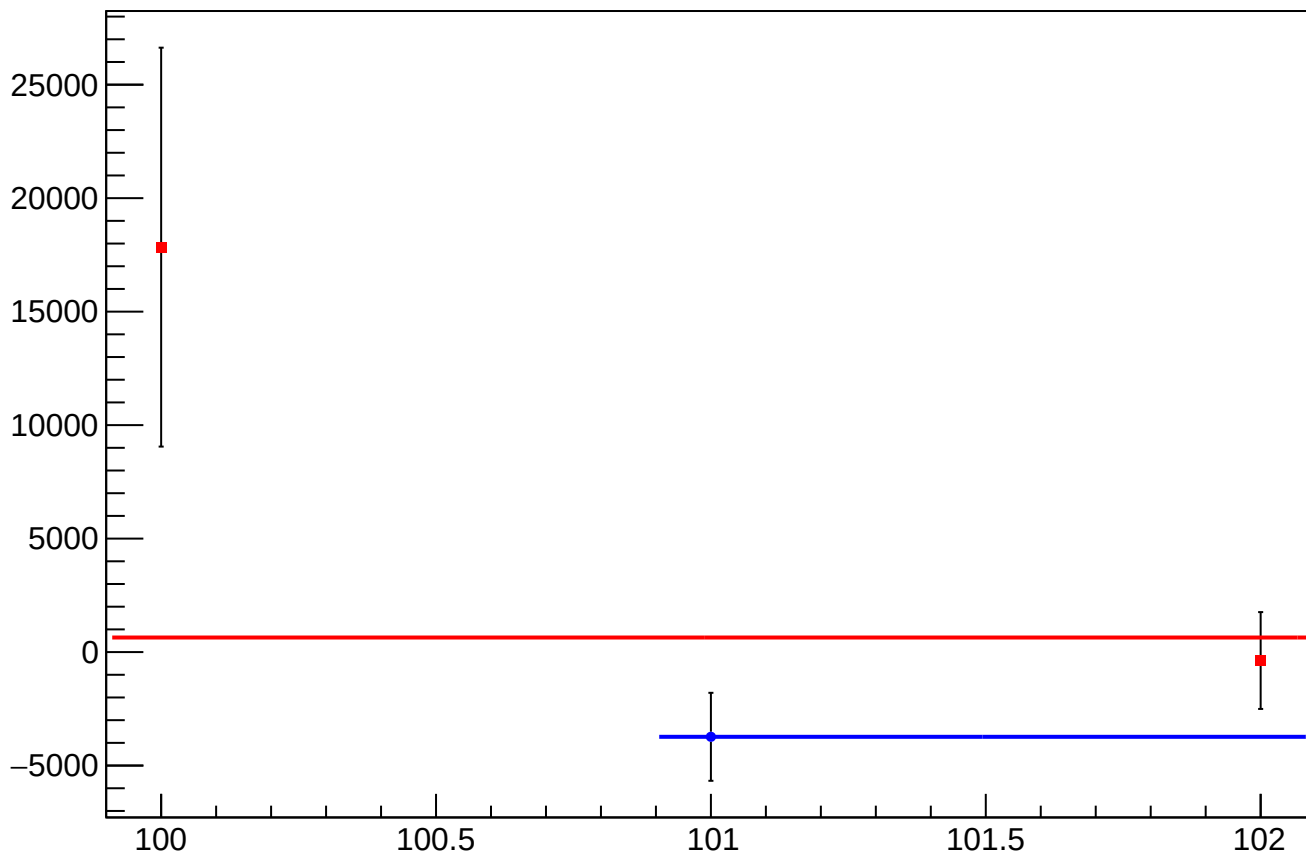
Right: 215.736 $\pm$ 0.144 χ^2 /NDF: 287175.0/2

In: 176.957 $\pm$ 0.162 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 215.736 $\pm$ 0.144 χ^2 /NDF: 287175.0/2

asym_sam3_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -3733.102+/-1938.209 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 641.749+/-2073.191 χ^2 /NDF: 4.1/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

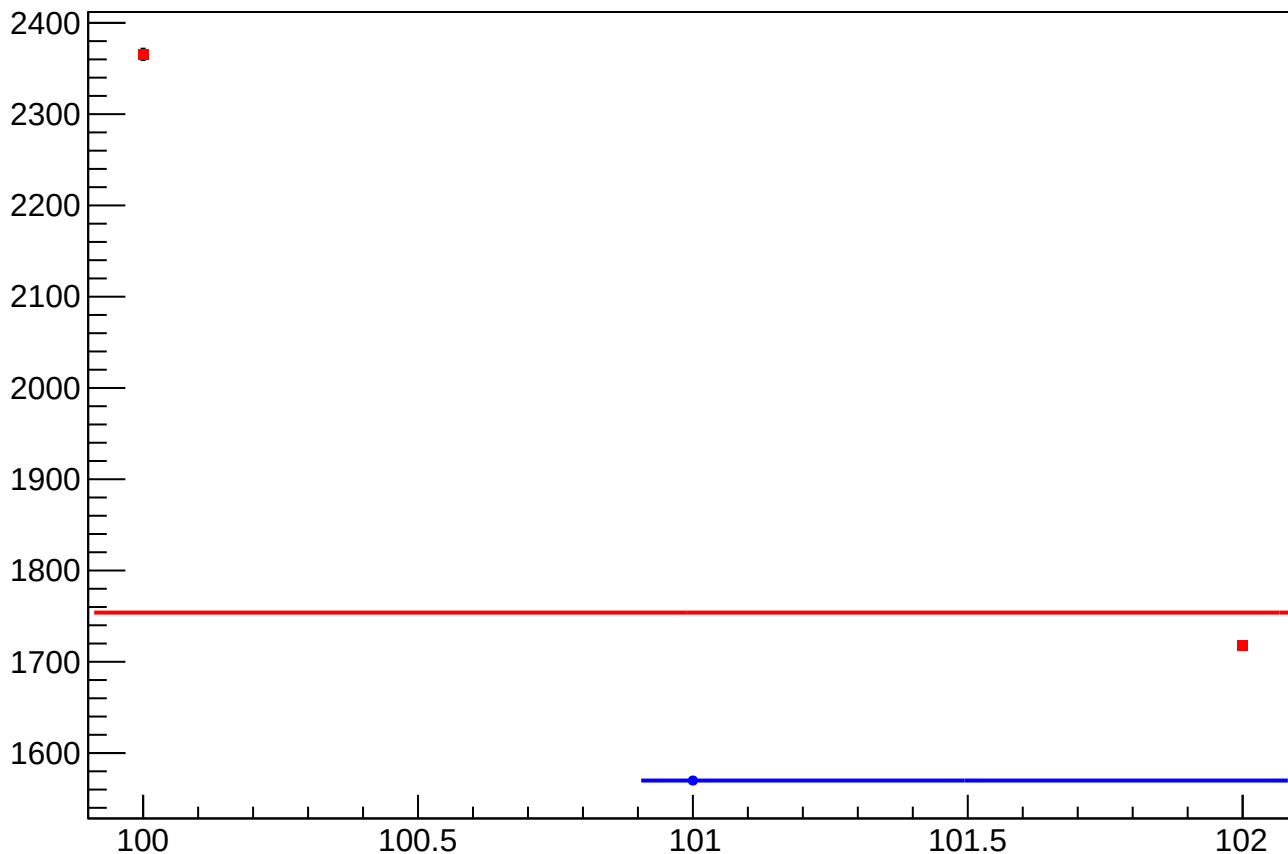
Right: -1692.722+/-1415.837 χ^2 /NDF: 6.4/2

In: -3733.102+/-1938.209 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1692.722+/-1415.837 χ^2 /NDF: 6.4/2

asym_sam3_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1569.881 $\pm$ 1.371 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1753.894 $\pm$ 1.466 χ^2 /NDF: 10257.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

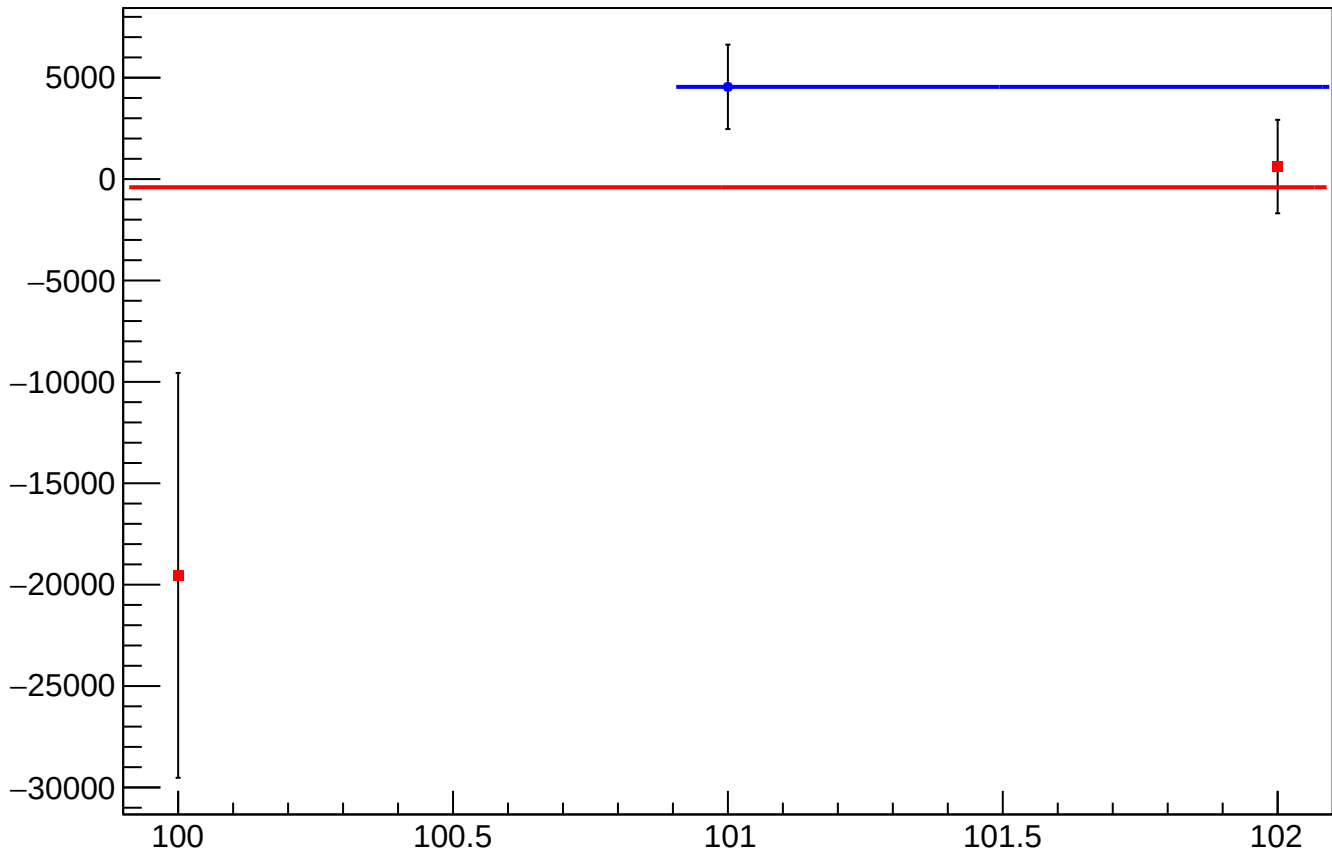
Right: 1655.702 $\pm$ 1.001 χ^2 /NDF: 18665.6/2

In: 1569.881 $\pm$ 1.371 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1655.702 $\pm$ 1.001 χ^2 /NDF: 18665.6/2

asym_sam3_mean vs Slug, Sign Corrected



Right In: 4547.534+/-2081.331 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -401.601+/-2244.994 χ^2/NDF : 3.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

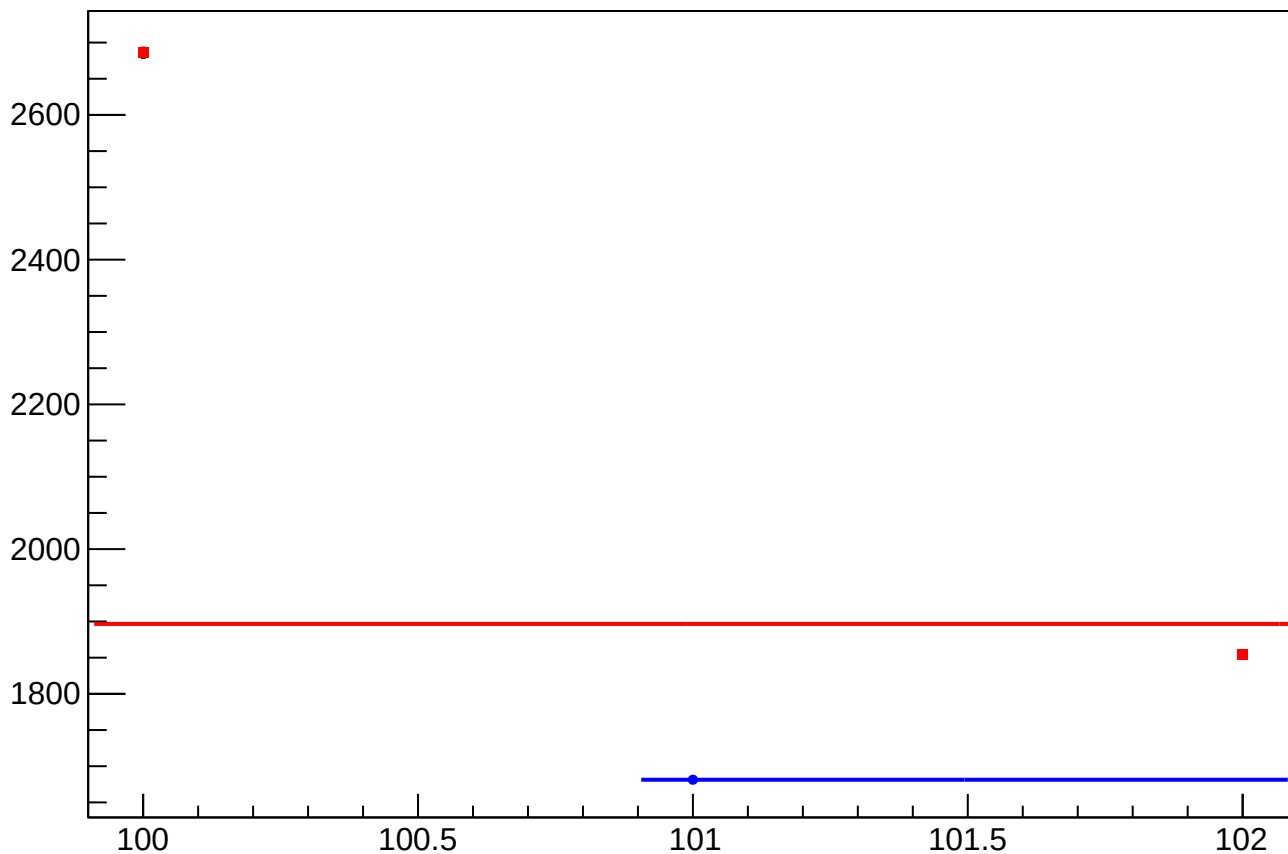
Right: 2259.923+/-1526.306 χ^2/NDF : 6.5/2

In: 4547.534+/-2081.331 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2259.923+/-1526.306 χ^2/NDF : 6.5/2

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1681.320+/-1.472 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1896.625+/-1.587 χ^2/NDF : 13167.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

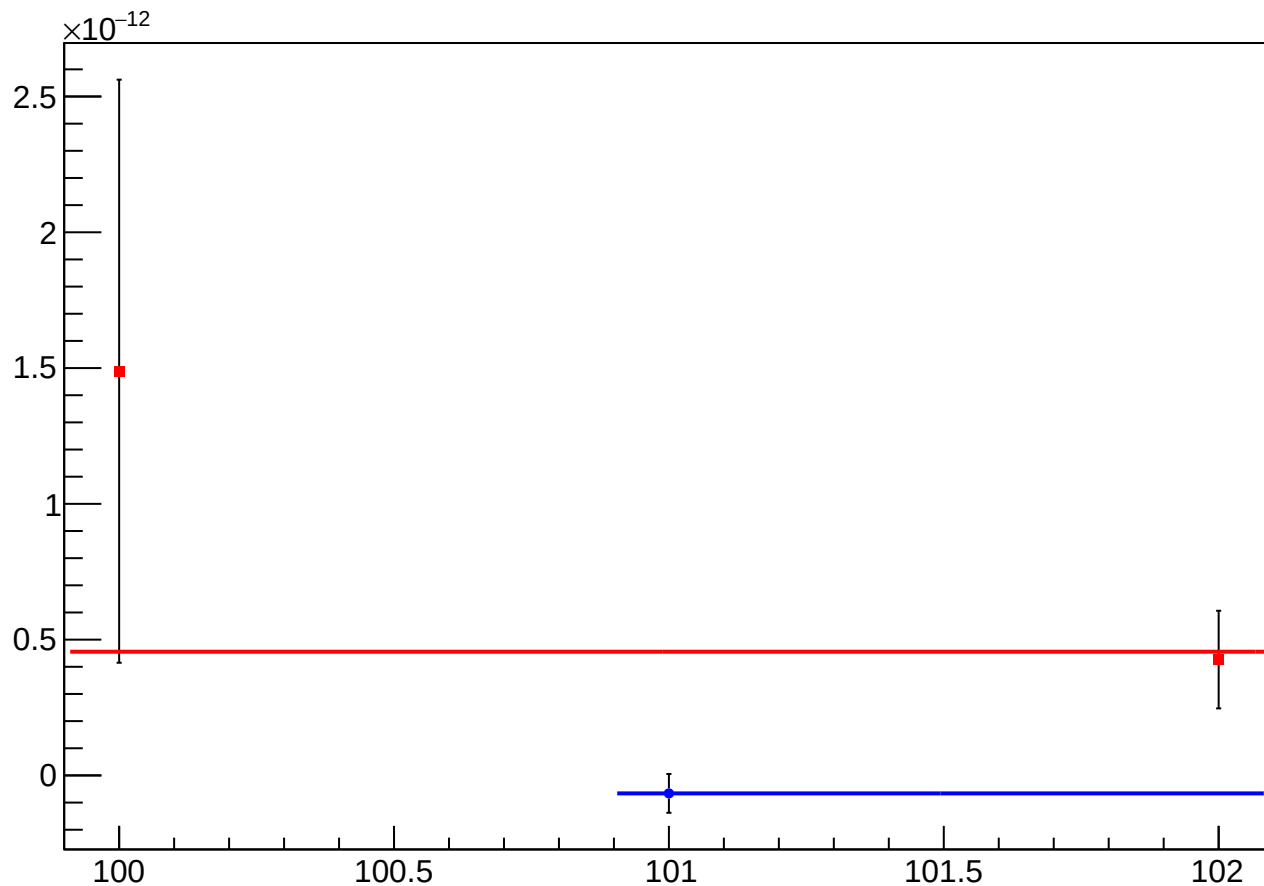
Right: 1780.839+/-1.079 χ^2/NDF : 23059.7/2

In: 1681.320+/-1.472 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1780.839+/-1.079 χ^2/NDF : 23059.7/2

asym_sam3_reg_vs_cor_diff_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: 1.0/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

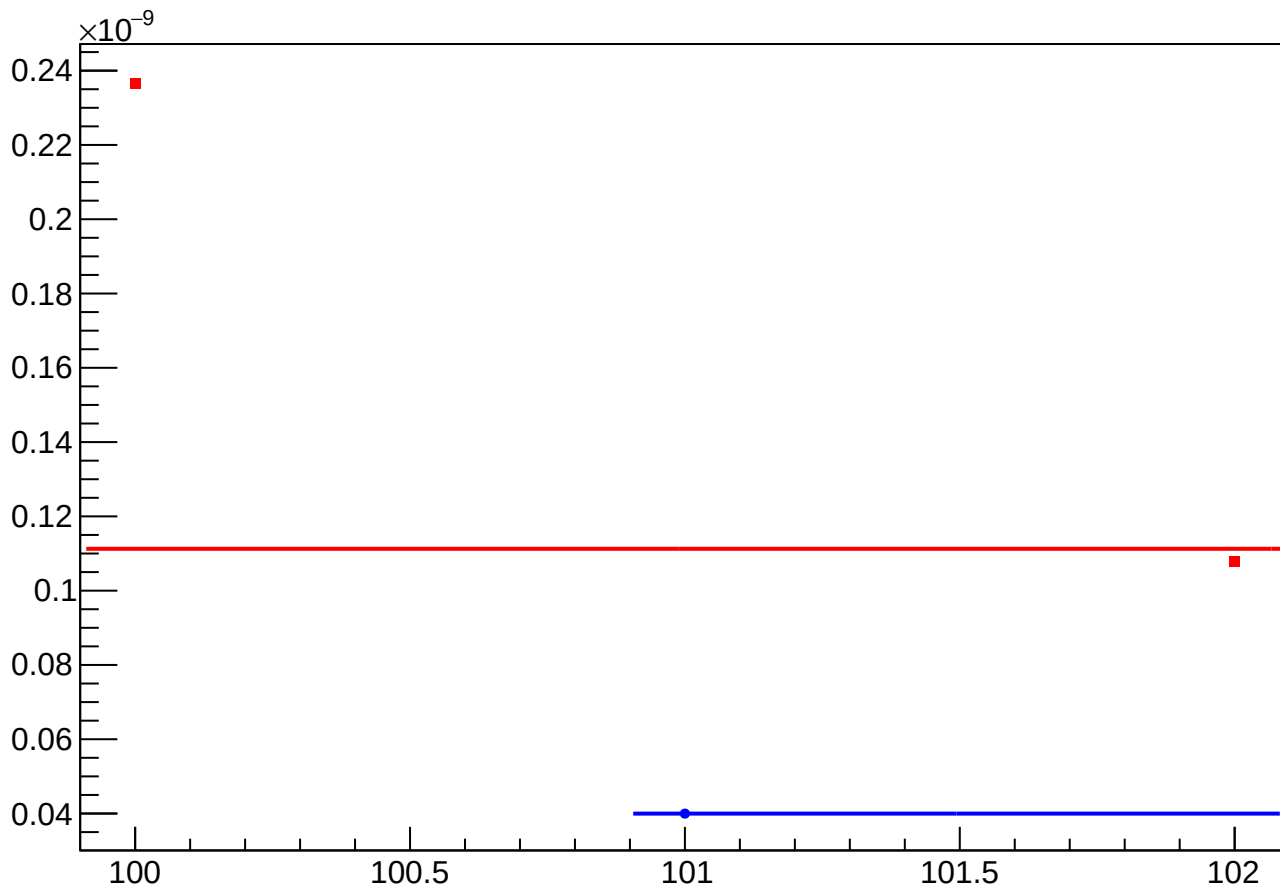
Right: 0.000+/-0.000 χ^2 /NDF: 8.4/2

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: 8.4/2

asym_sam3_reg_vs_cor_diff_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: 27998.0/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

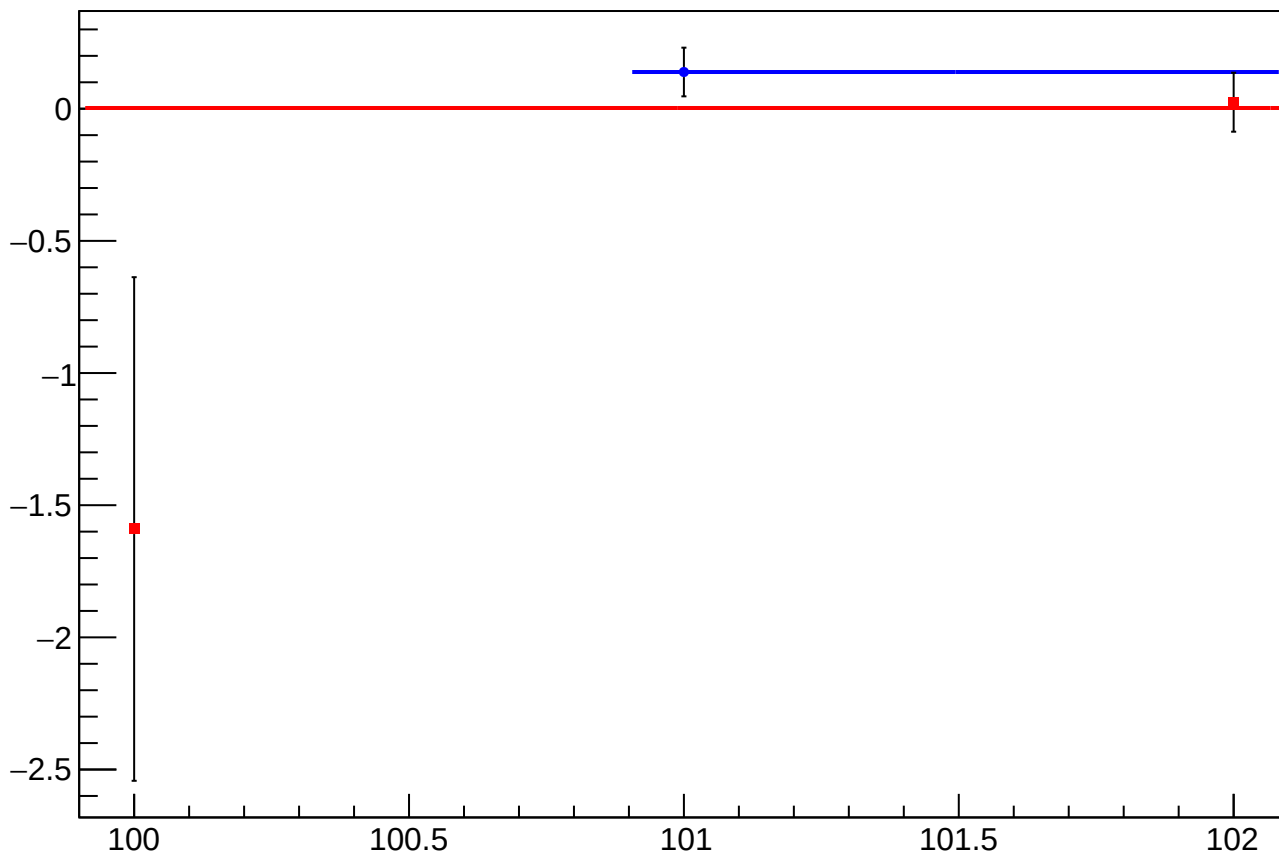
Right: 0.000+/-0.000 χ^2 /NDF: 306160.8/2

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: 306160.8/2

asym_sam3_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.139+/-0.092 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.111 χ^2/NDF : 2.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

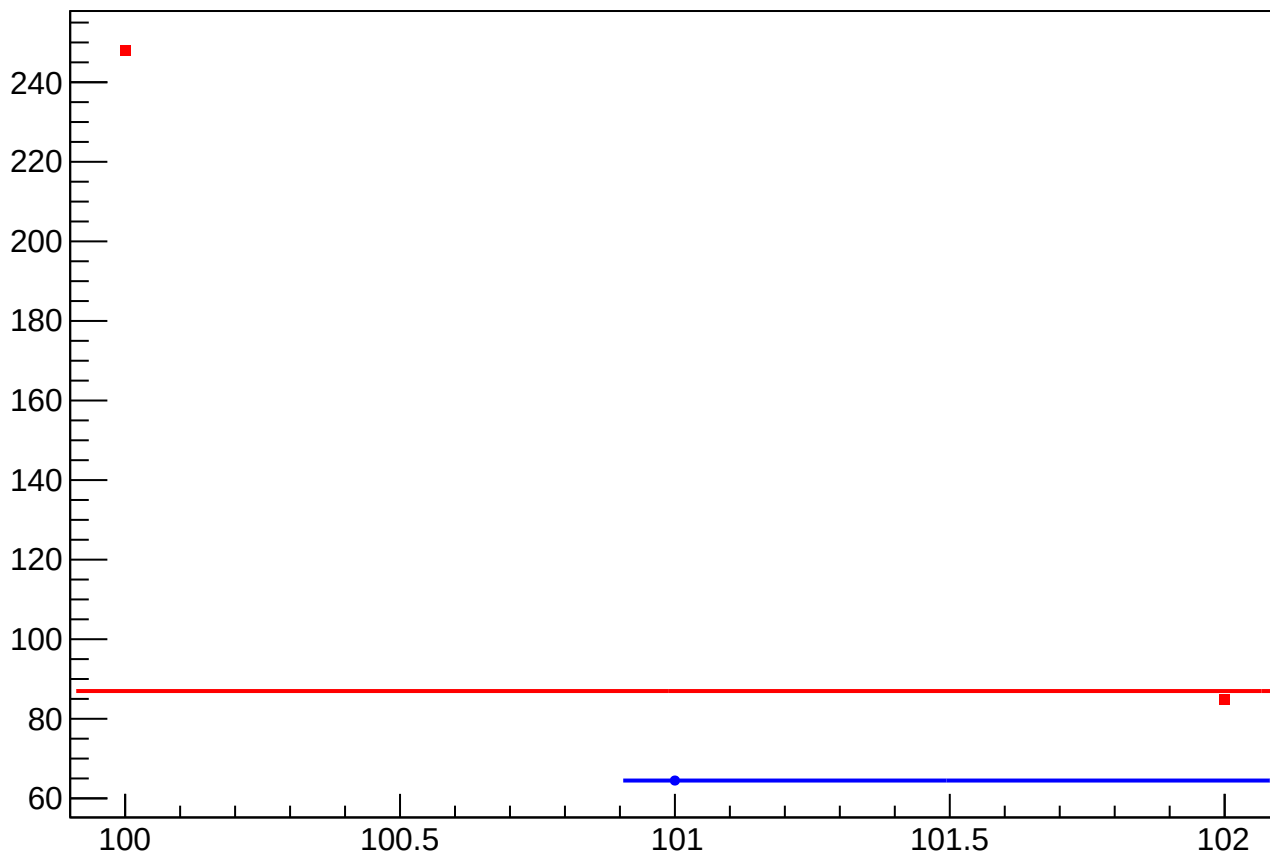
Right: 0.083+/-0.071 χ^2/NDF : 3.7/2

In: 0.139+/-0.092 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.083+/-0.071 χ^2/NDF : 3.7/2

asym_sam3_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 64.477 $\pm$ 0.065 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 86.974 $\pm$ 0.078 χ^2 /NDF: 57934.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

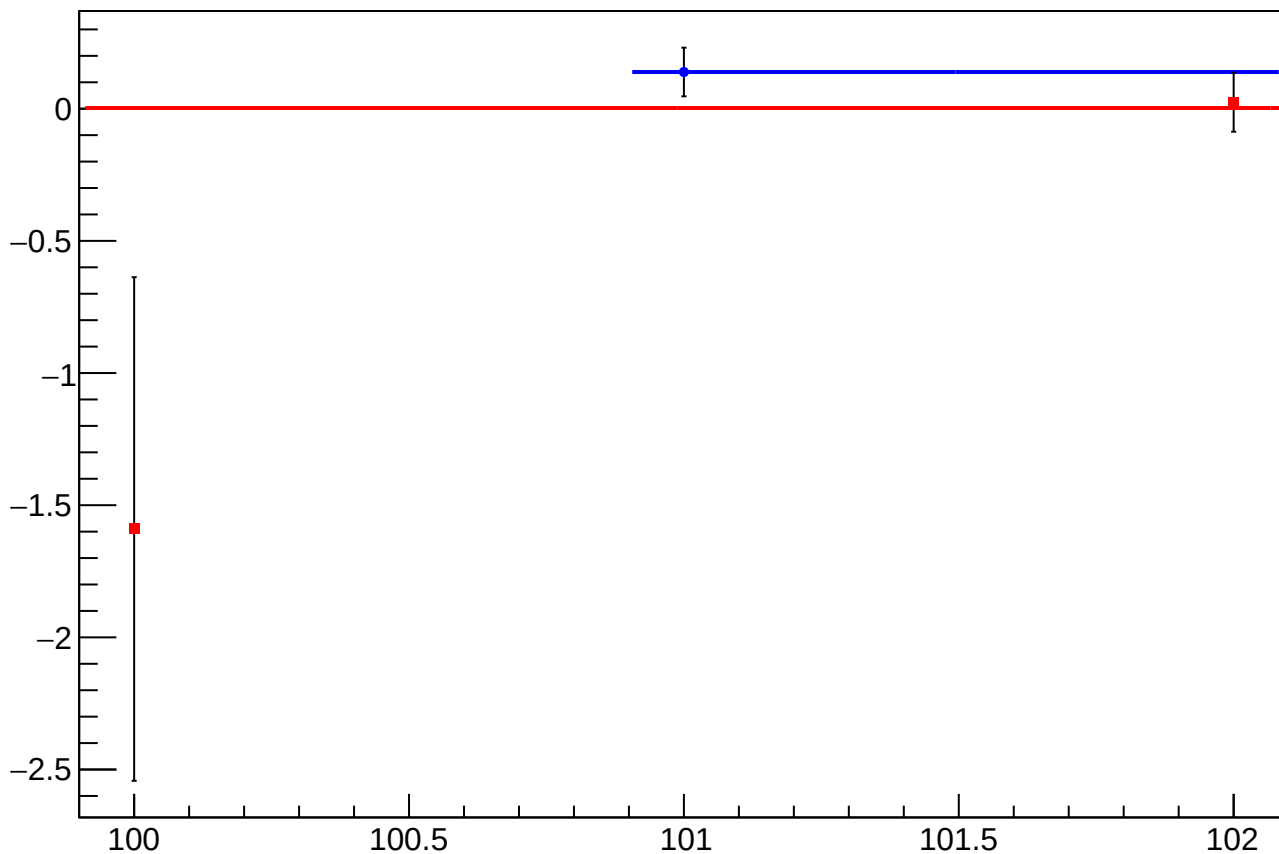
Right: 73.669 $\pm$ 0.050 χ^2 /NDF: 106719.9/2

In: 64.477 $\pm$ 0.065 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 73.669 $\pm$ 0.050 χ^2 /NDF: 106719.9/2

asym_sam3_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.139+/-0.092 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.111 χ^2/NDF : 2.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

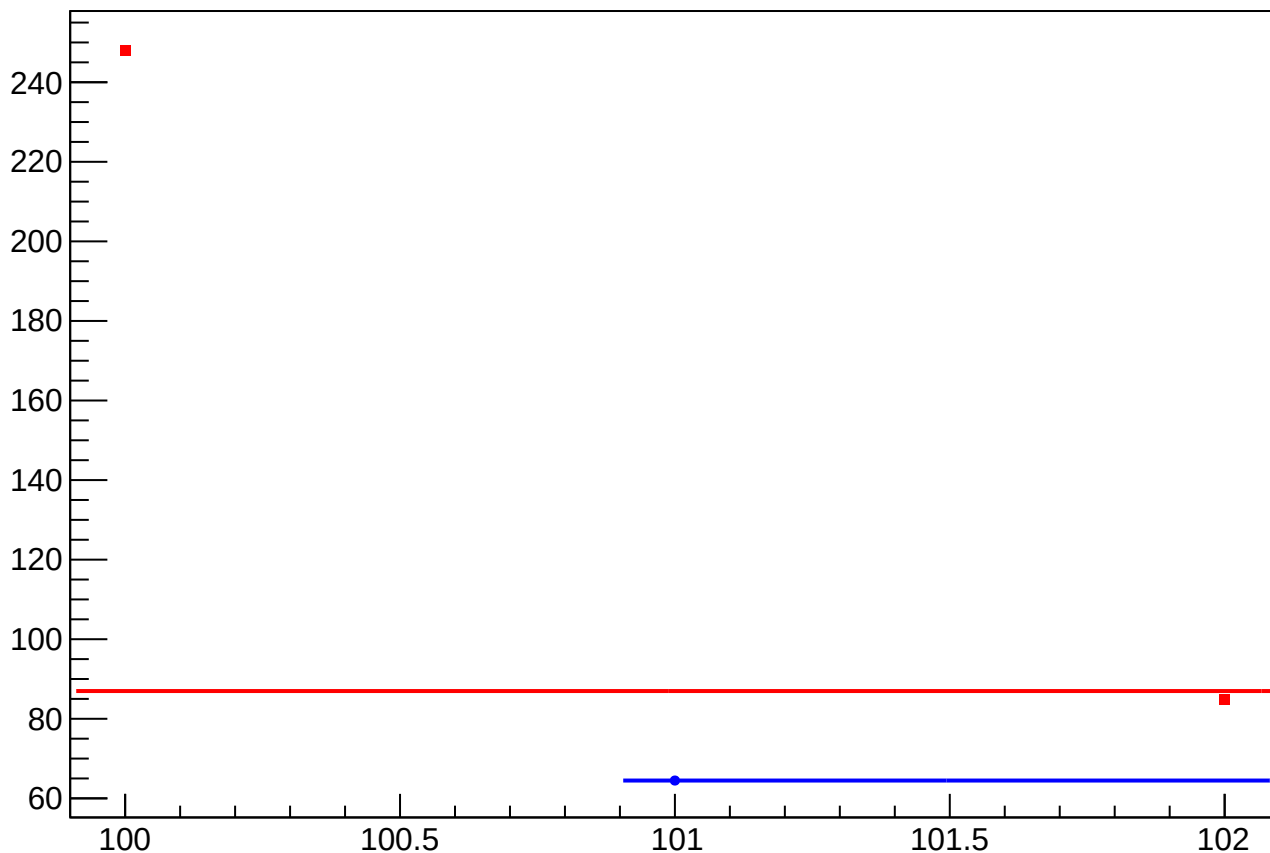
Right: 0.083+/-0.071 χ^2/NDF : 3.7/2

In: 0.139+/-0.092 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.083+/-0.071 χ^2/NDF : 3.7/2

asym_sam3_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 64.477+/-0.065 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.974+/-0.078 χ^2/NDF : 57934.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

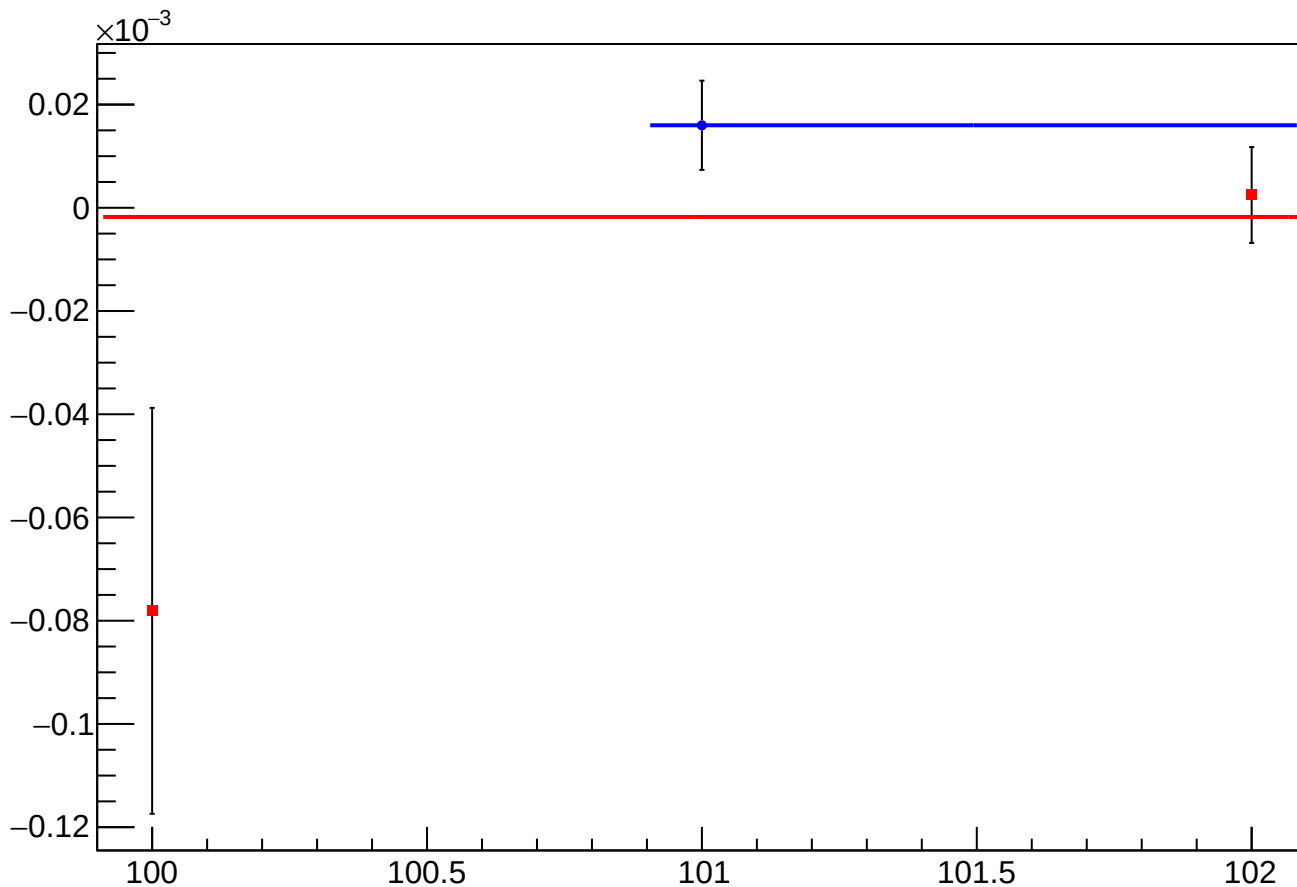
Right: 73.669+/-0.050 χ^2/NDF : 106719.9/2

In: 64.477+/-0.065 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.669+/-0.050 χ^2/NDF : 106719.9/2

asym_sam3_eigen_dit_vs_dit_diff_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: 4.0/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

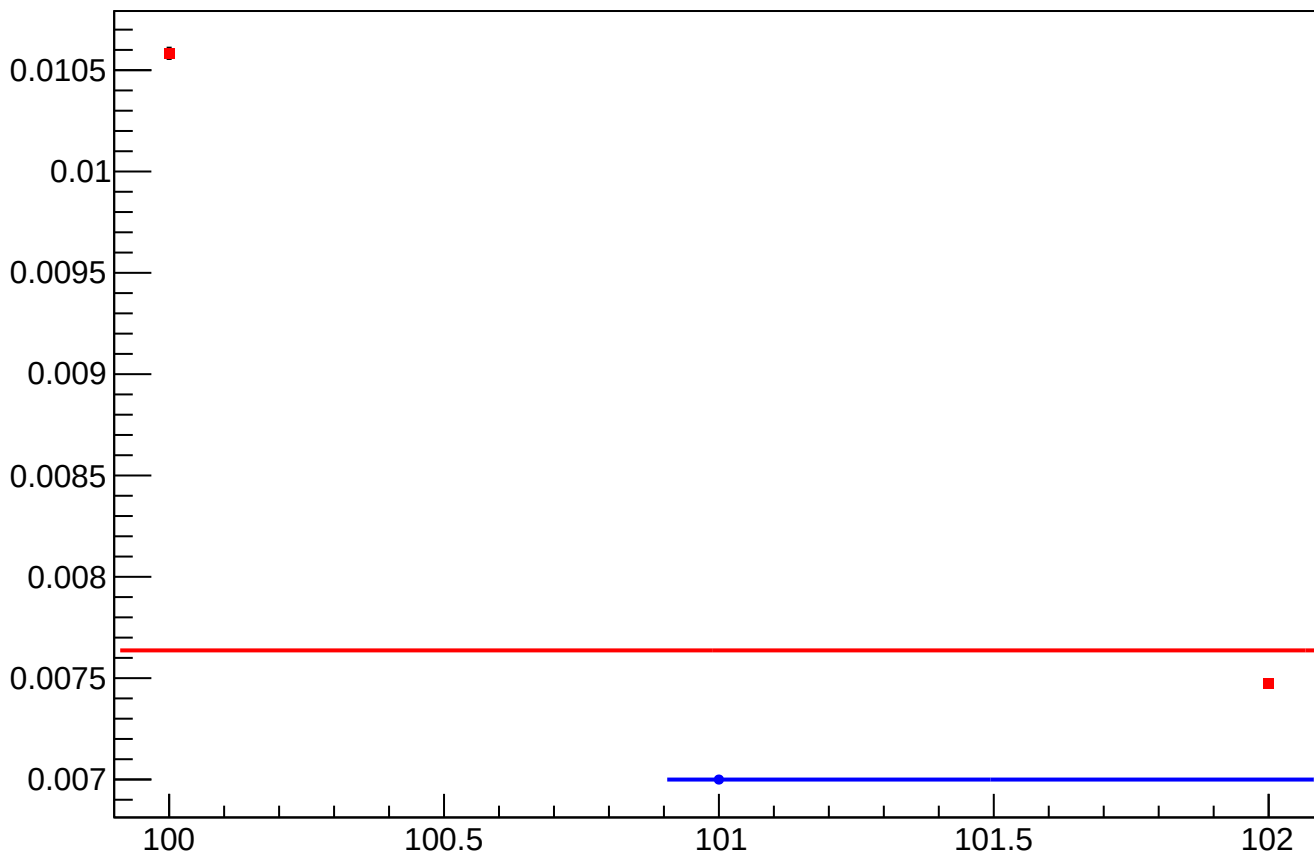
Right: 0.000+/-0.000 χ^2 /NDF: 6.0/2

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: 6.0/2

asym_sam3_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 11855.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

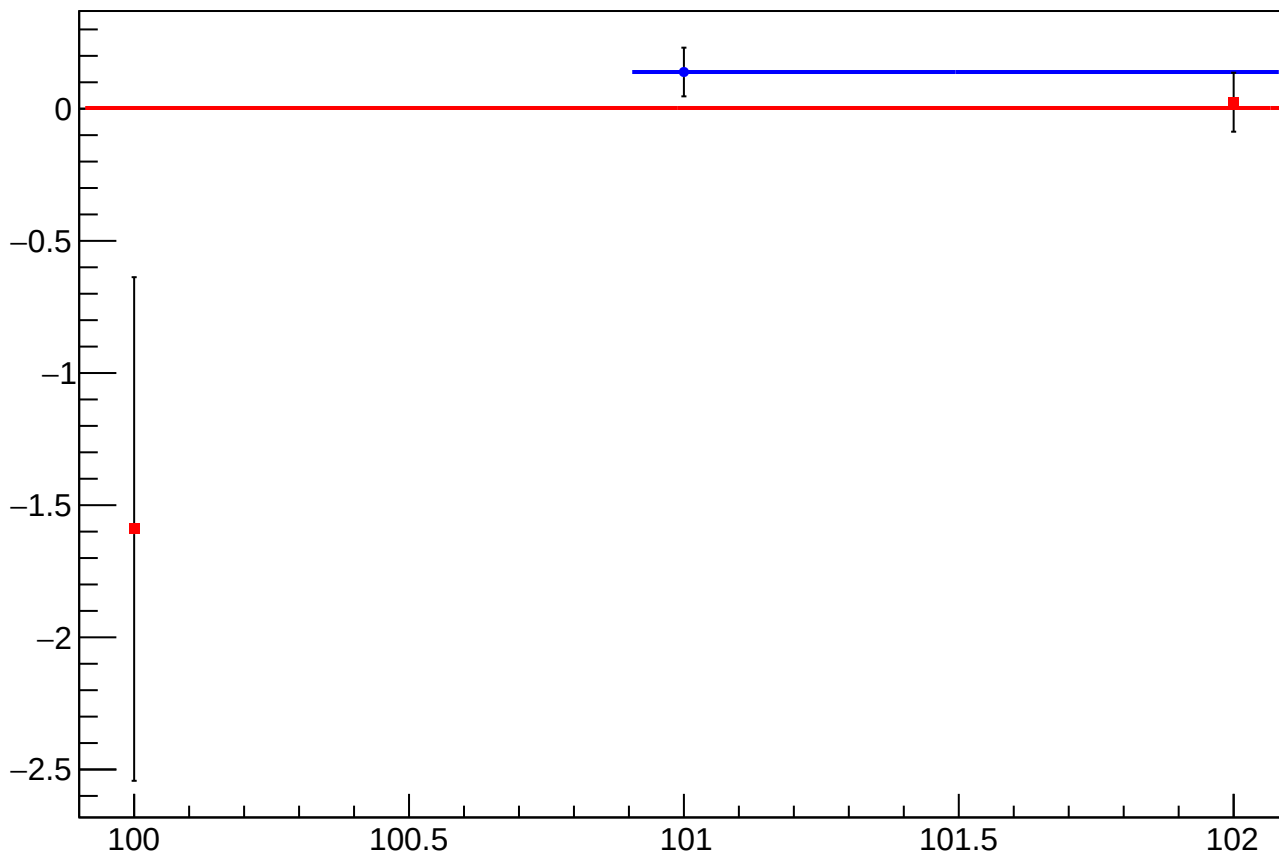
Right: 0.007+/-0.000 χ^2/NDF : 17054.3/2

In: 0.007+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 17054.3/2

asym_sam3_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.139+/-0.092 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.111 χ^2/NDF : 2.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

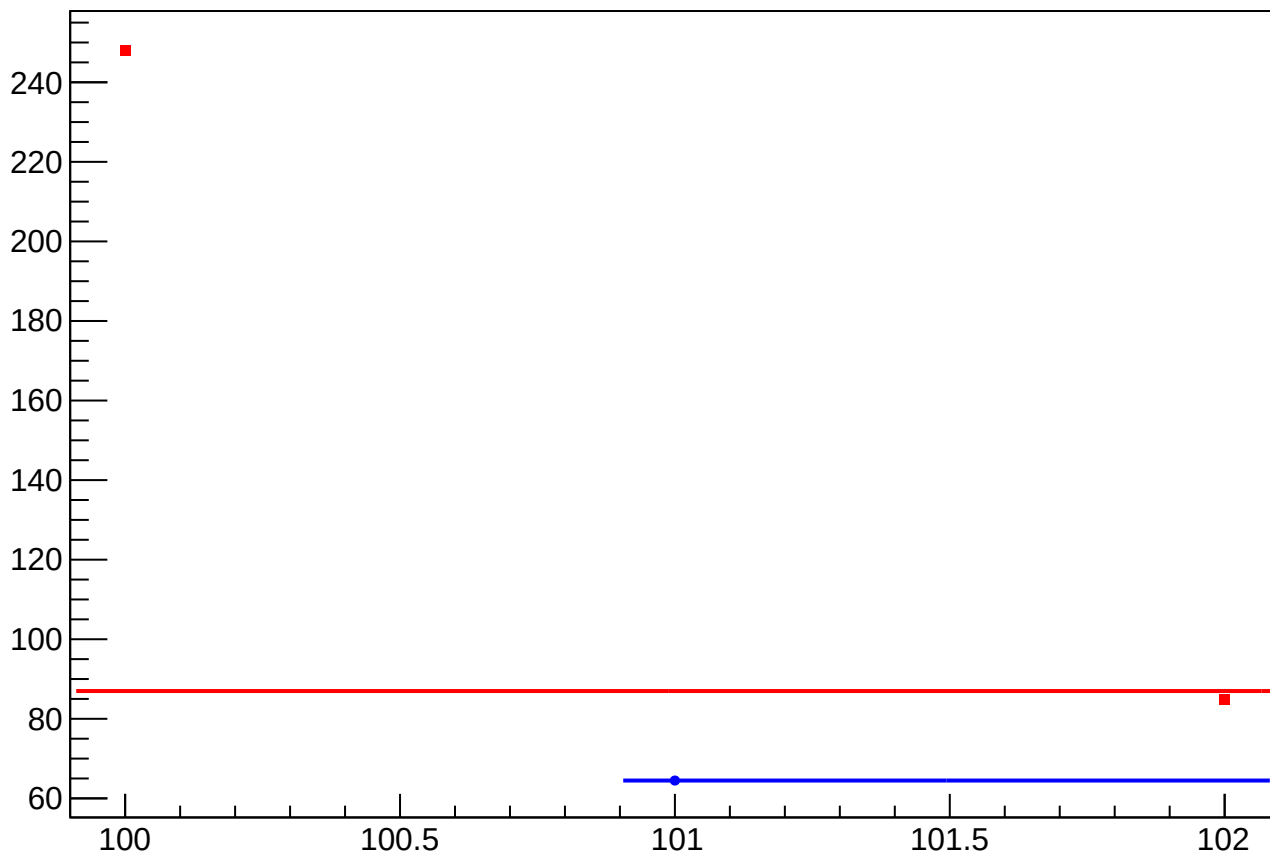
Right: 0.083+/-0.071 χ^2/NDF : 3.7/2

In: 0.139+/-0.092 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.083+/-0.071 χ^2/NDF : 3.7/2

asym_sam3_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 64.482 $\pm$ 0.065 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 86.983 $\pm$ 0.078 χ^2 /NDF: 57931.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

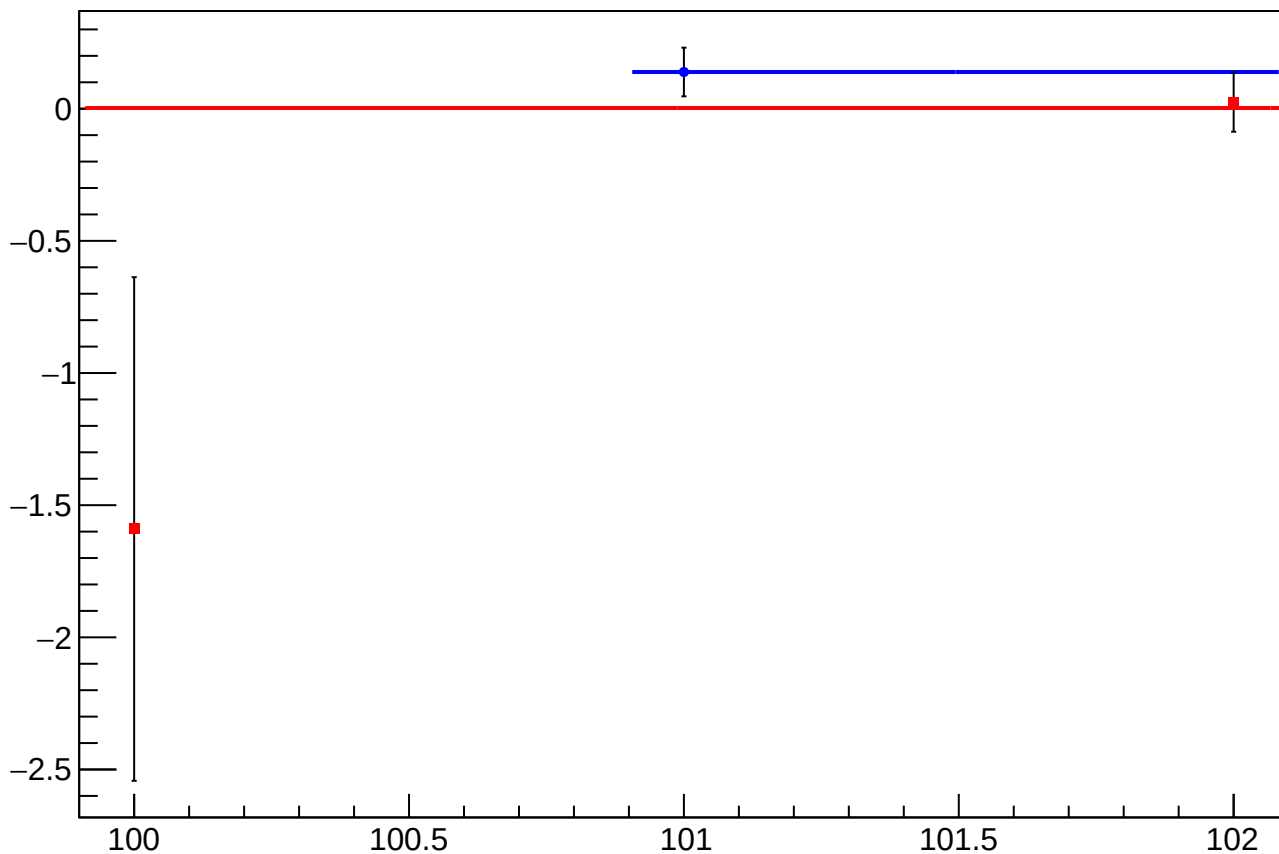
Right: 73.675 $\pm$ 0.050 χ^2 /NDF: 106725.1/2

In: 64.482 $\pm$ 0.065 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 73.675 $\pm$ 0.050 χ^2 /NDF: 106725.1/2

asym_sam3_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.139+/-0.092 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.111 χ^2/NDF : 2.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

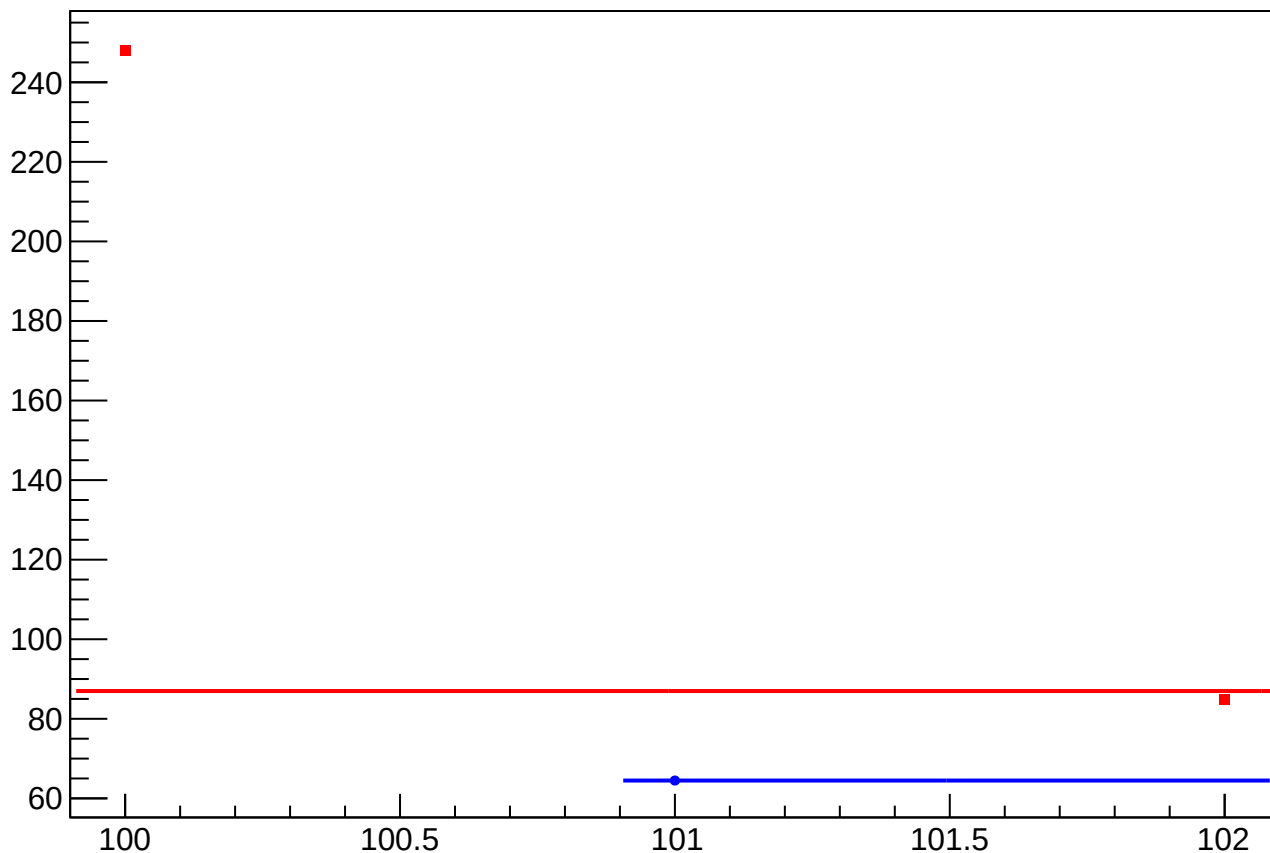
Right: 0.083+/-0.071 χ^2/NDF : 3.7/2

In: 0.139+/-0.092 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.083+/-0.071 χ^2/NDF : 3.7/2

asym_sam3_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 64.482 $\pm$ 0.065 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 86.983 $\pm$ 0.078 χ^2 /NDF: 57931.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

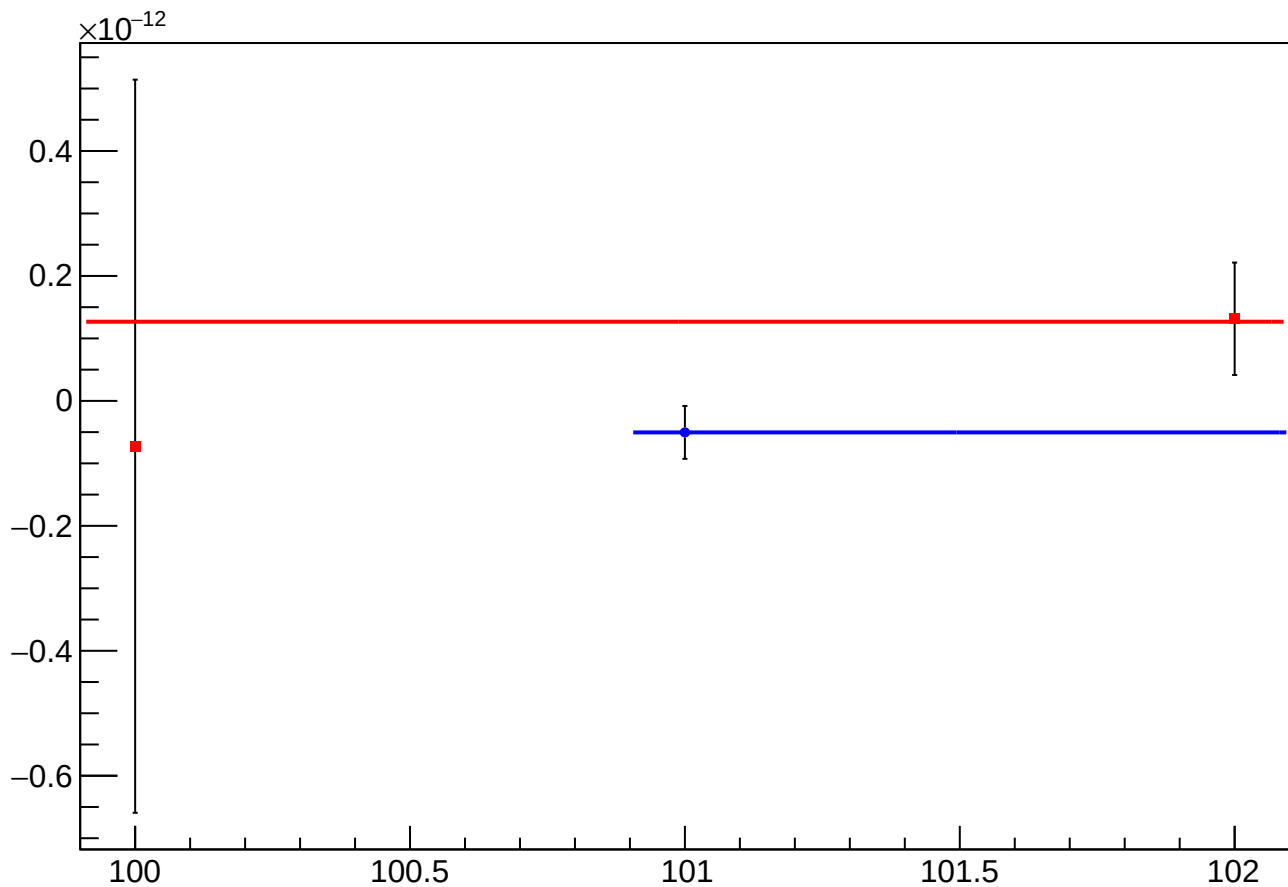
Right: 73.675 $\pm$ 0.050 χ^2 /NDF: 106725.1/2

In: 64.482 $\pm$ 0.065 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 73.675 $\pm$ 0.050 χ^2 /NDF: 106725.1/2

asym_sam3_eigen_cor_vs_cor_diff_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 : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

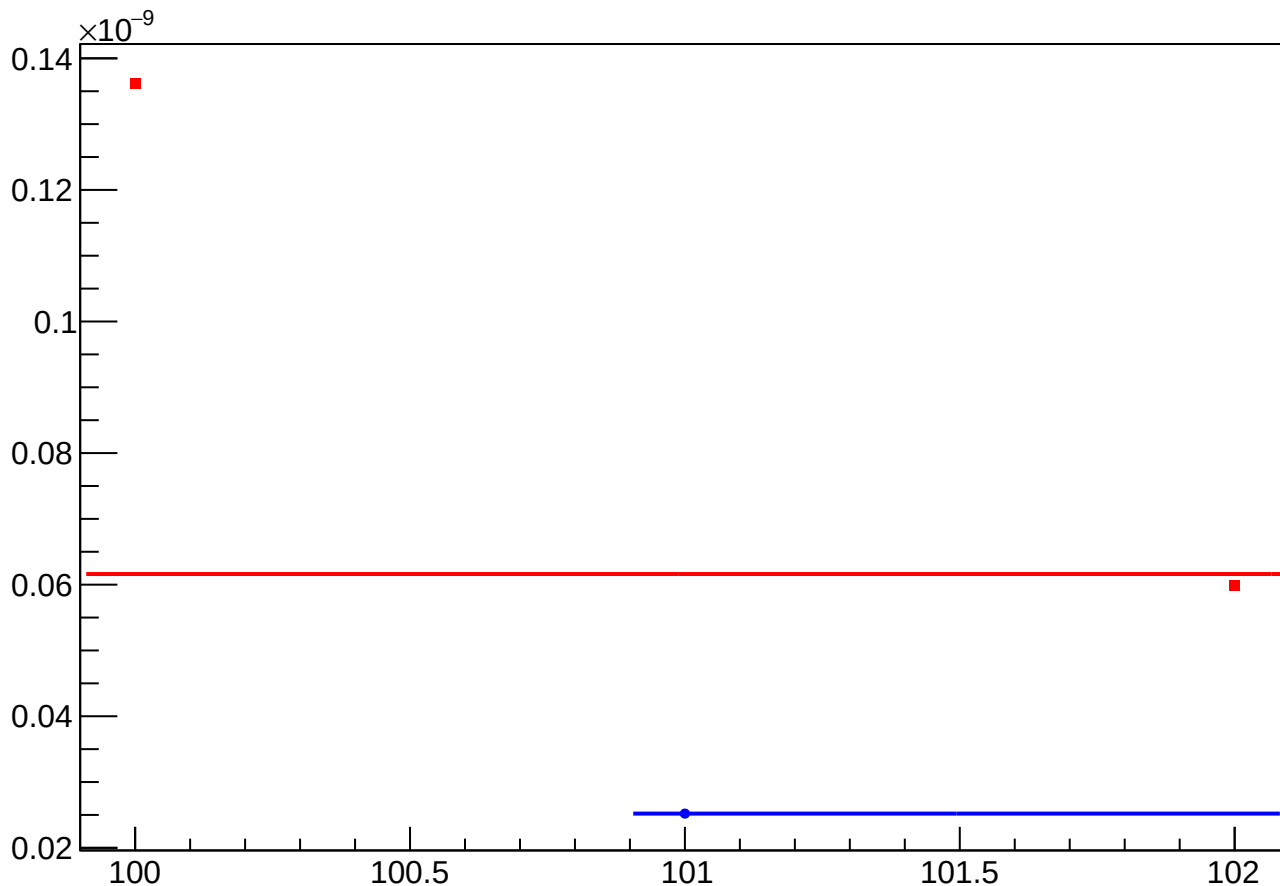
Right: -0.000+/-0.000 χ^2/NDF : 3.4/2

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 : 3.4/2

asym_sam3_eigen_cor_vs_cor_diff_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 : 33065.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

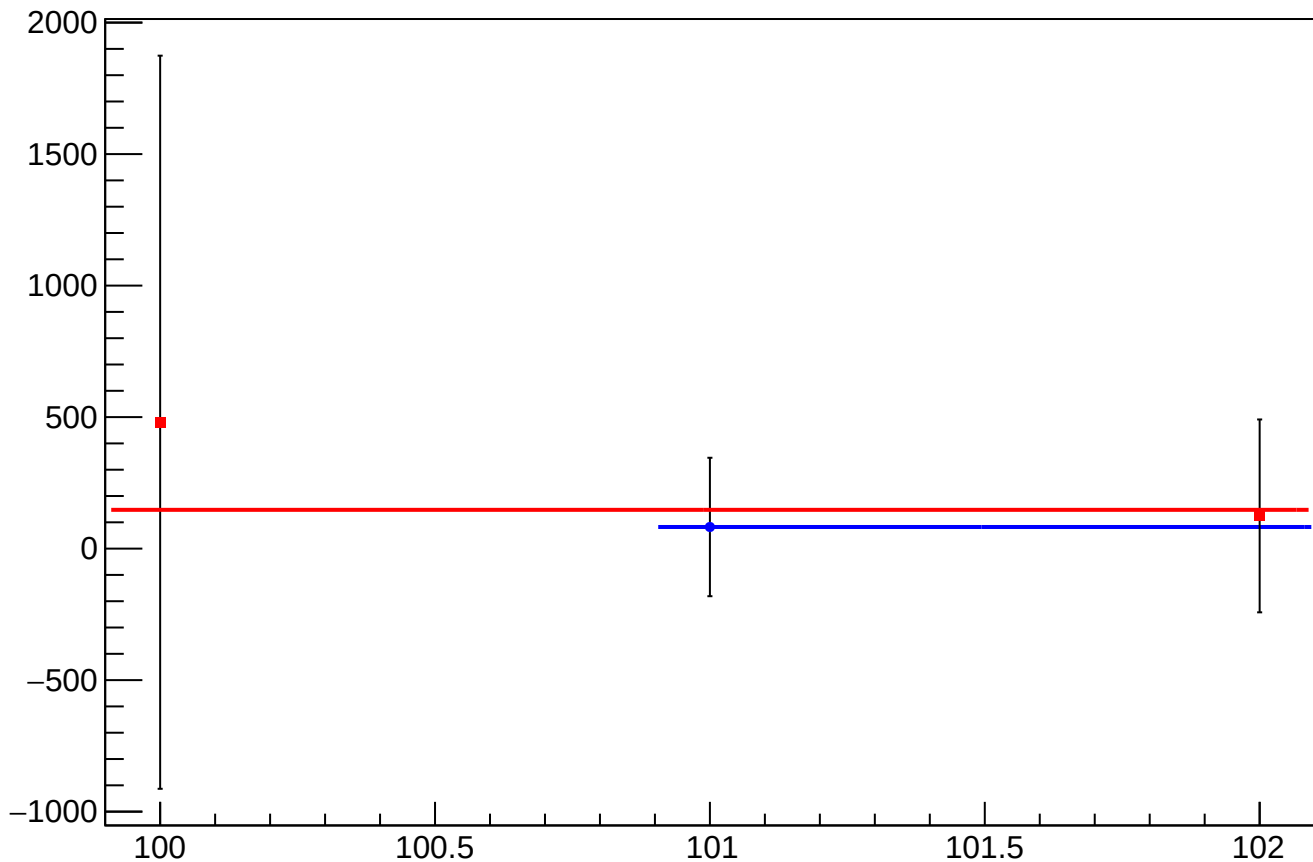
Right: 0.000+/-0.000 χ^2/NDF : 306656.4/2

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 : 306656.4/2

reg_asym_sam4_mean vs Slug, Sign Corrected



Right In: 82.219+/-263.180 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.439+/-354.606 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

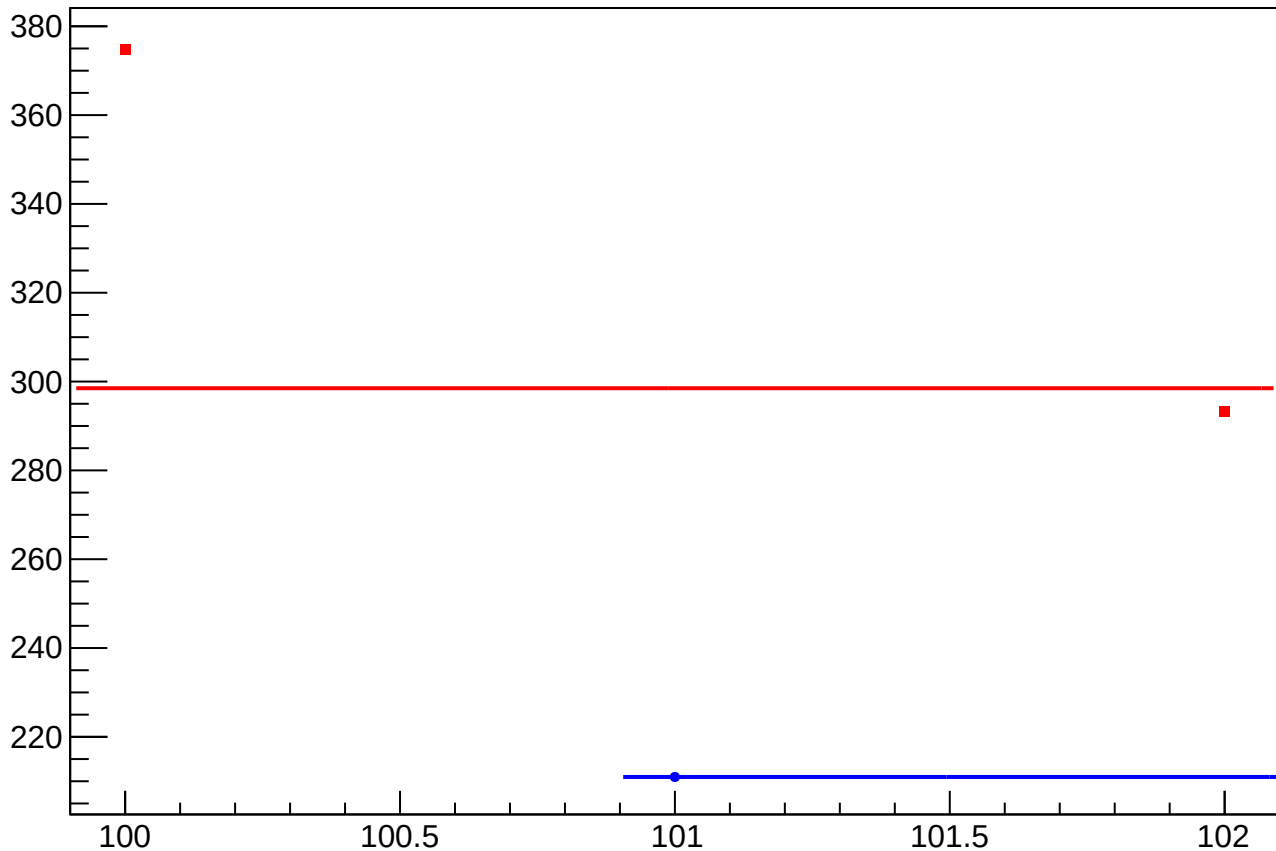
Right: 105.384+/-211.335 χ^2/NDF : 0.1/2

In: 82.219+/-263.180 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.384+/-211.335 χ^2/NDF : 0.1/2

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 210.965+/-0.186 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 298.499+/-0.251 χ^2/NDF : 6421.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

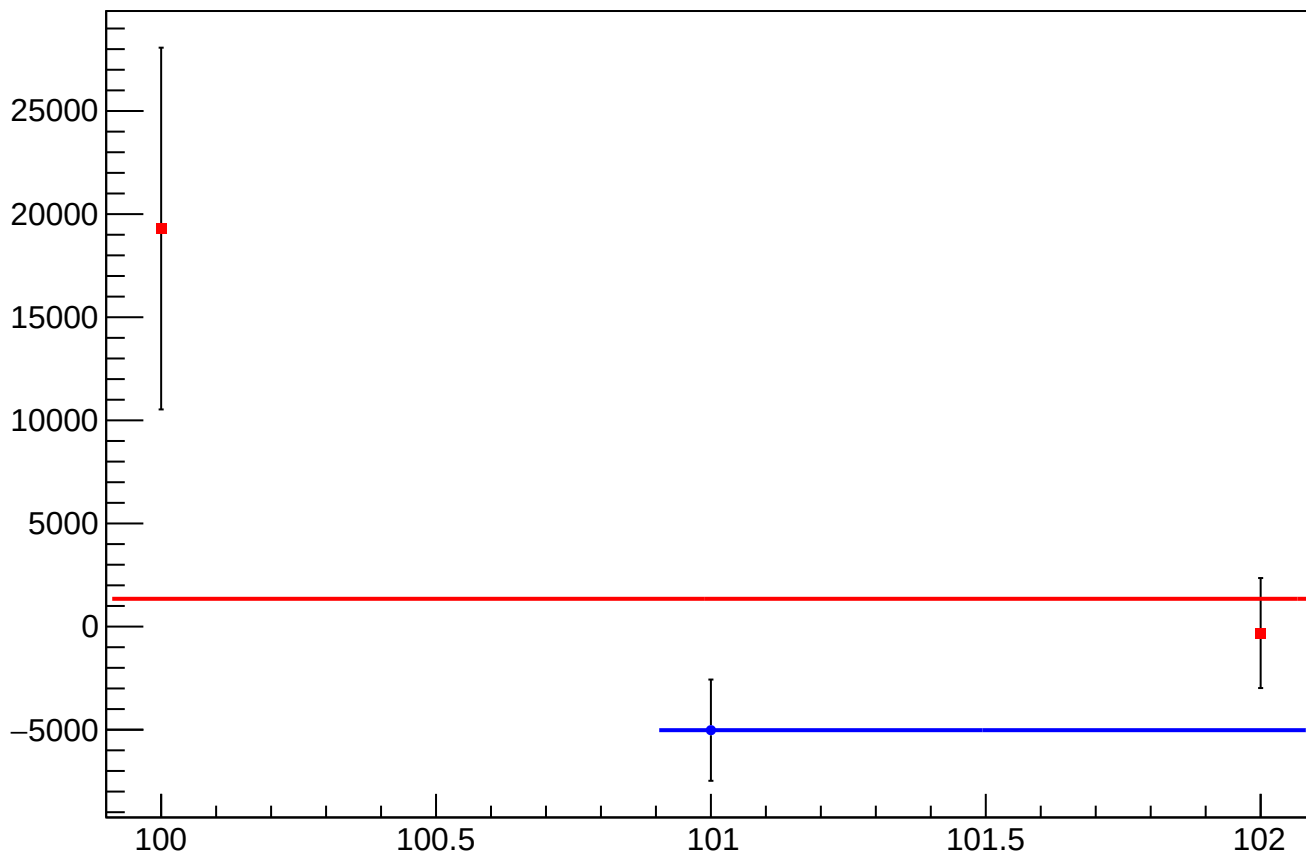
Right: 242.056+/-0.149 χ^2/NDF : 85004.3/2

In: 210.965+/-0.186 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 242.056+/-0.149 χ^2/NDF : 85004.3/2

asym_sam4_reg_correction_mean vs Slug, Sign Corrected



Right In: -5022.688+/-2454.682 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1347.308+/-2551.781 χ^2/NDF : 4.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

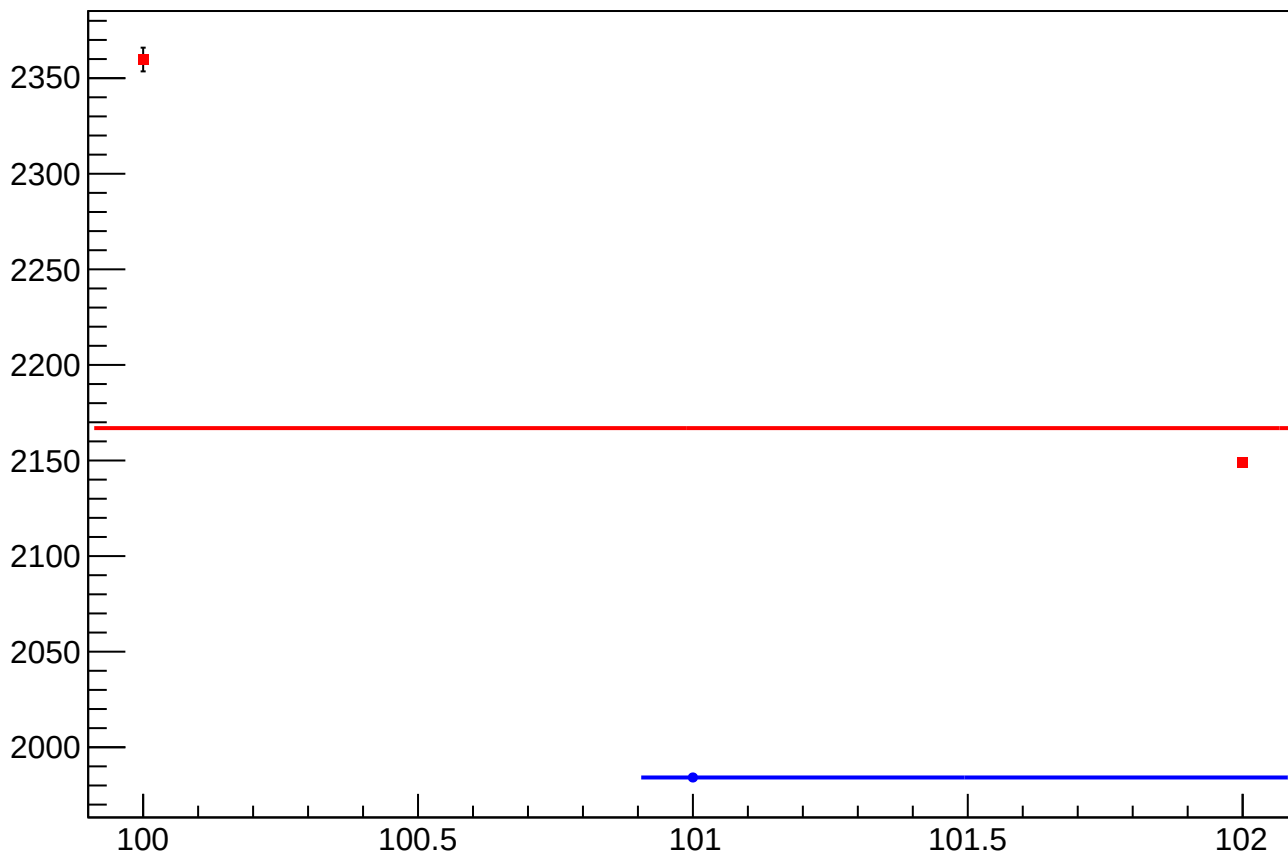
Right: -1961.188+/-1769.054 χ^2/NDF : 7.8/2

In: -5022.688+/-2454.682 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1961.188+/-1769.054 χ^2/NDF : 7.8/2

asym_sam4_reg_correction_rms vs Slug, Sign Corrected



Right In: 1984.188 $\pm$ 1.736 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2166.945 $\pm$ 1.804 χ^2 /NDF: 1056.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

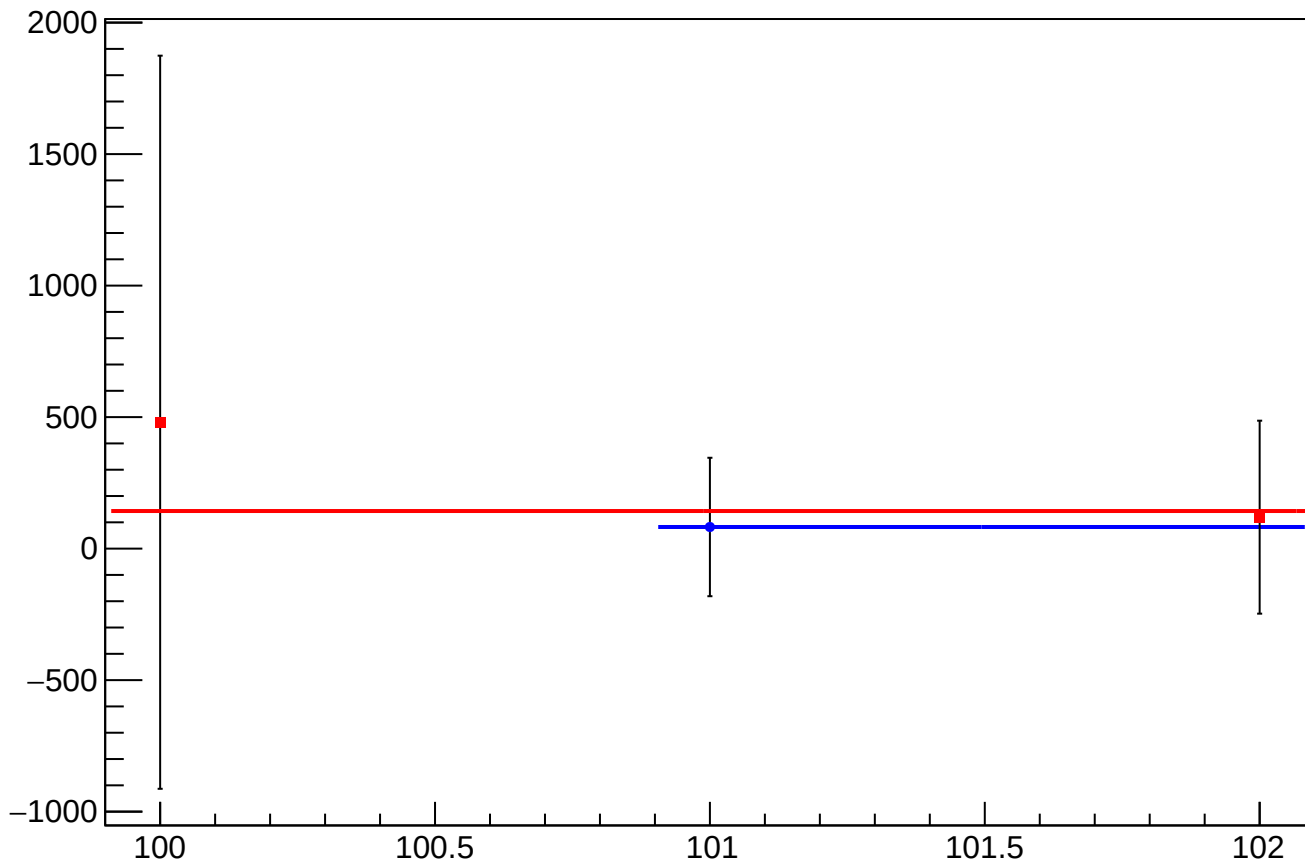
Right: 2072.023 $\pm$ 1.251 χ^2 /NDF: 6384.2/2

In: 1984.188 $\pm$ 1.736 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2072.023 $\pm$ 1.251 χ^2 /NDF: 6384.2/2

cor_asym_sam4_mean vs Slug, Sign Corrected



Right In: 82.230+/-263.180 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.952+/-354.765 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

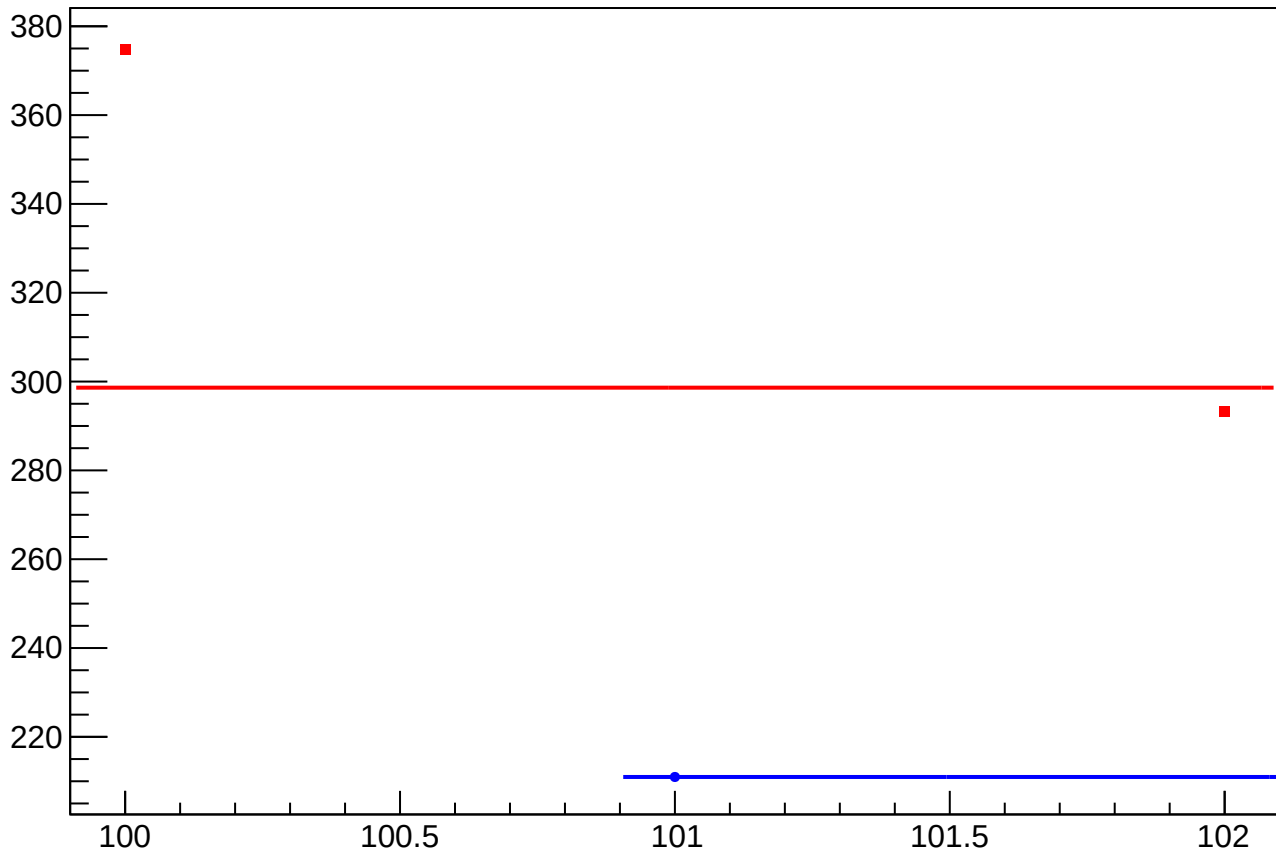
Right: 103.785+/-211.368 χ^2/NDF : 0.1/2

In: 82.230+/-263.180 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.785+/-211.368 χ^2/NDF : 0.1/2

cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 210.965 $\pm$ 0.186 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 298.627 $\pm$ 0.251 χ^2 /NDF: 6400.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

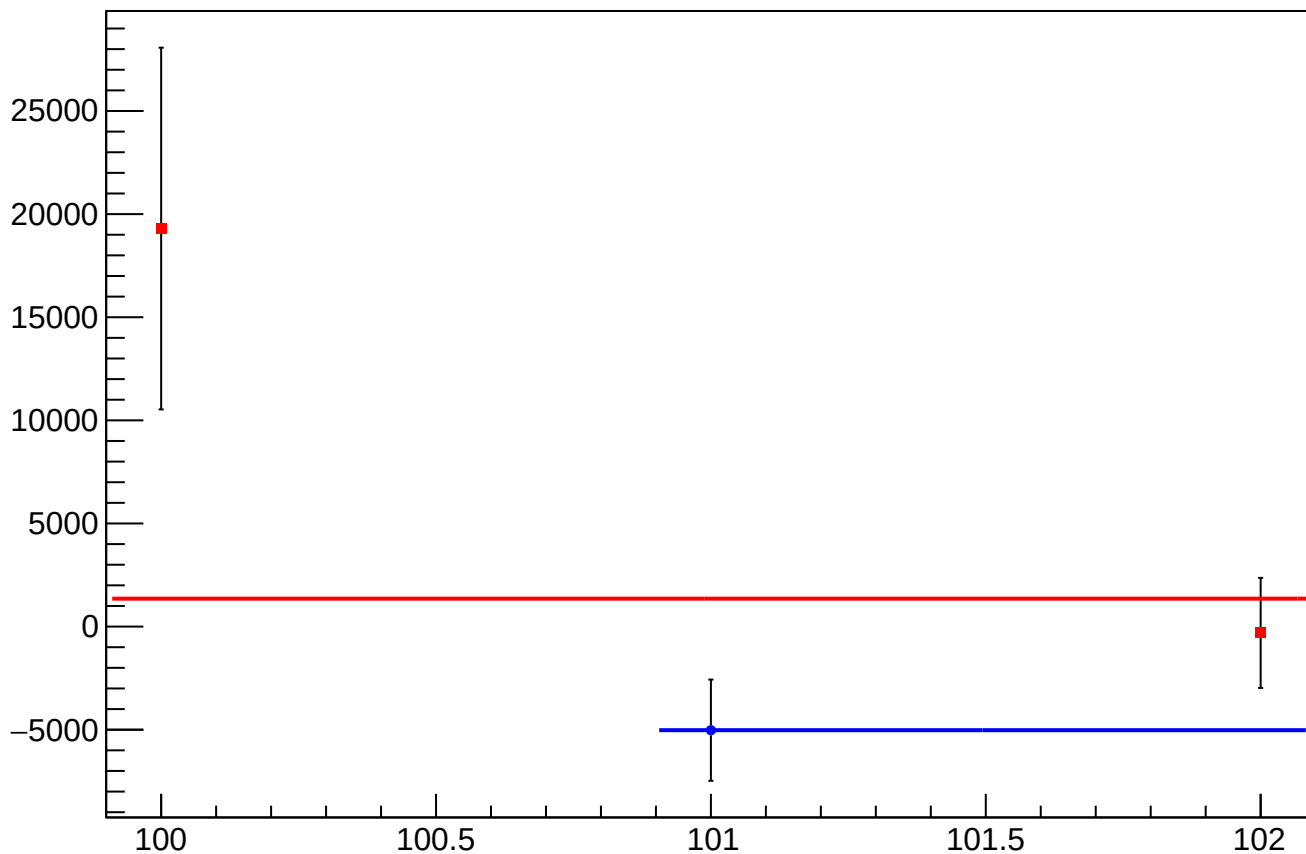
Right: 242.083 $\pm$ 0.149 χ^2 /NDF: 85167.5/2

In: 210.965 $\pm$ 0.186 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 242.083 $\pm$ 0.149 χ^2 /NDF: 85167.5/2

asym_sam4_cor_correction_mean vs Slug, Sign Corrected



Right In: -5022.683+/-2454.680 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1355.168+/-2552.768 χ^2/NDF : 4.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

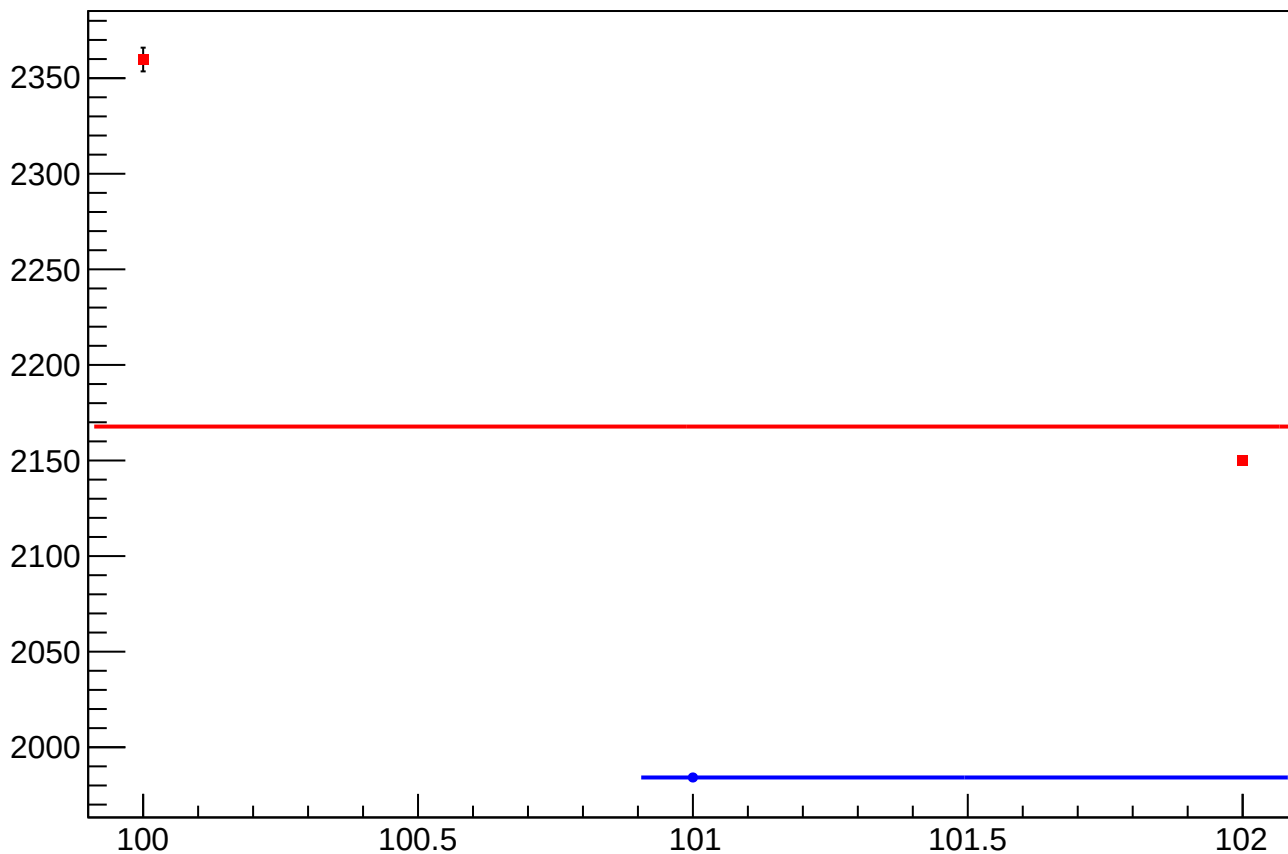
Right: -1958.642+/-1769.381 χ^2/NDF : 7.8/2

In: -5022.683+/-2454.680 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1958.642+/-1769.381 χ^2/NDF : 7.8/2

asym_sam4_cor_correction_rms vs Slug, Sign Corrected



Right In: 1984.186 $\pm$ 1.736 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2167.757 $\pm$ 1.805 χ^2 /NDF: 1047.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

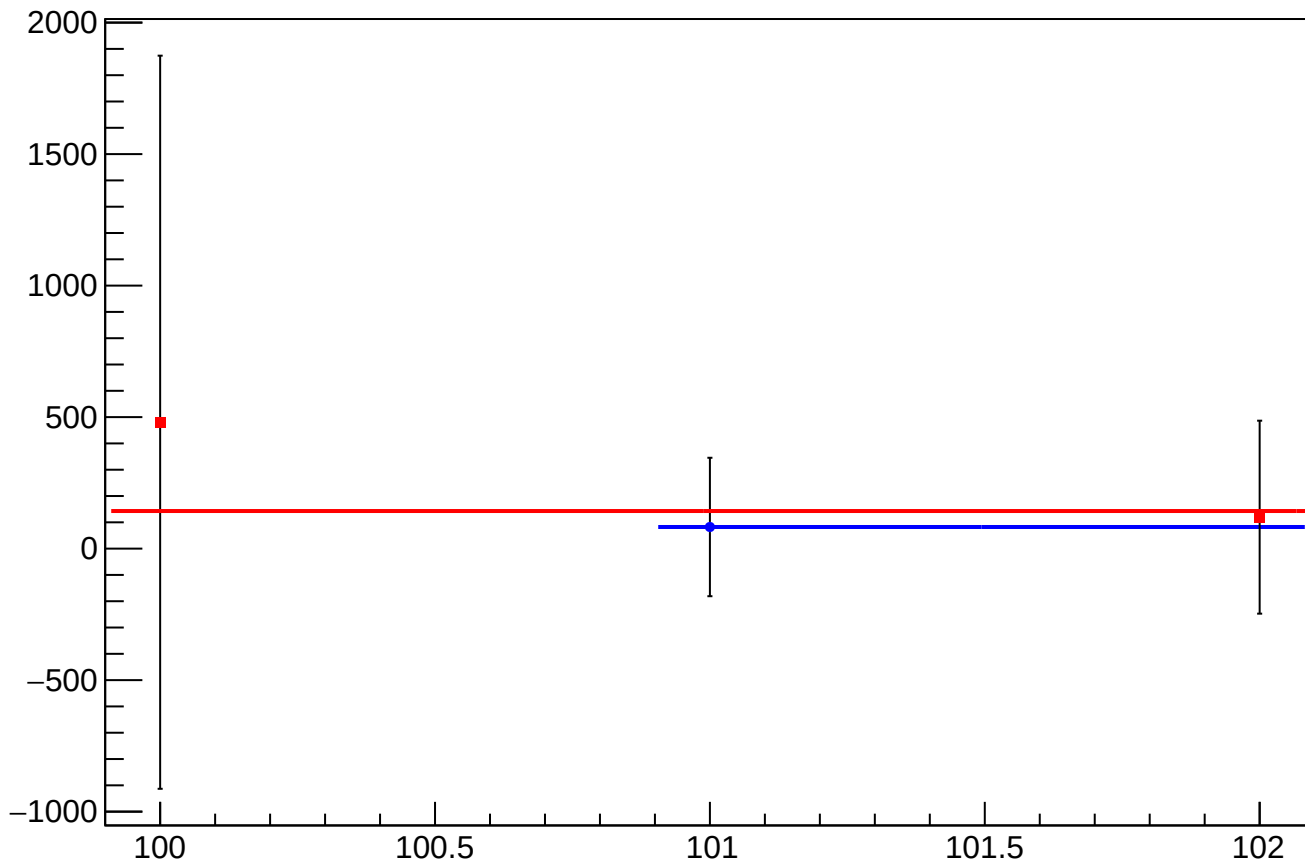
Right: 2072.377 $\pm$ 1.251 χ^2 /NDF: 6420.8/2

In: 1984.186 $\pm$ 1.736 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2072.377 $\pm$ 1.251 χ^2 /NDF: 6420.8/2

eigen_cor_asym_sam4_mean vs Slug, Sign Corrected



Right In: 82.230+/-263.180 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.952+/-354.765 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

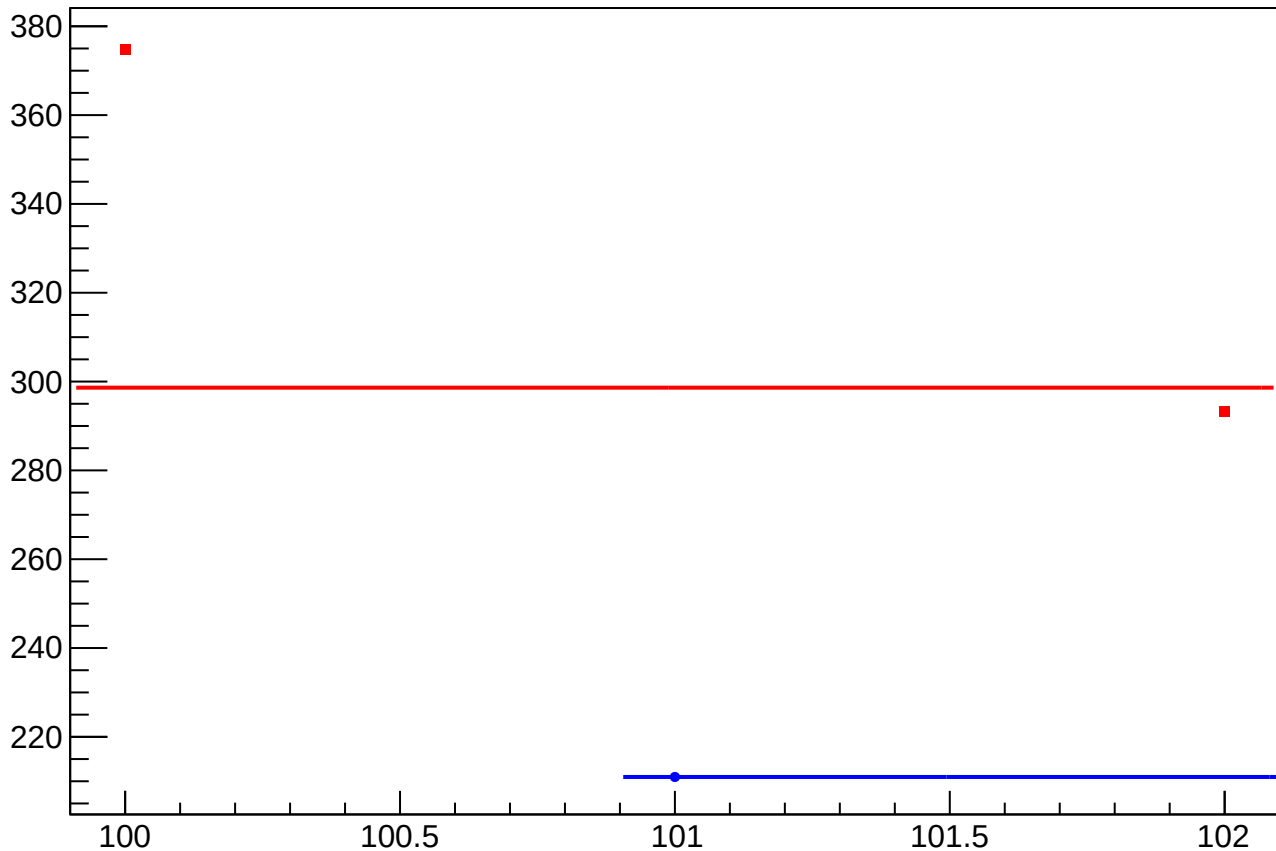
Right: 103.785+/-211.368 χ^2/NDF : 0.1/2

In: 82.230+/-263.180 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.785+/-211.368 χ^2/NDF : 0.1/2

eigen_cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 210.965+/-0.186 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 298.627+/-0.251 χ^2/NDF : 6400.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

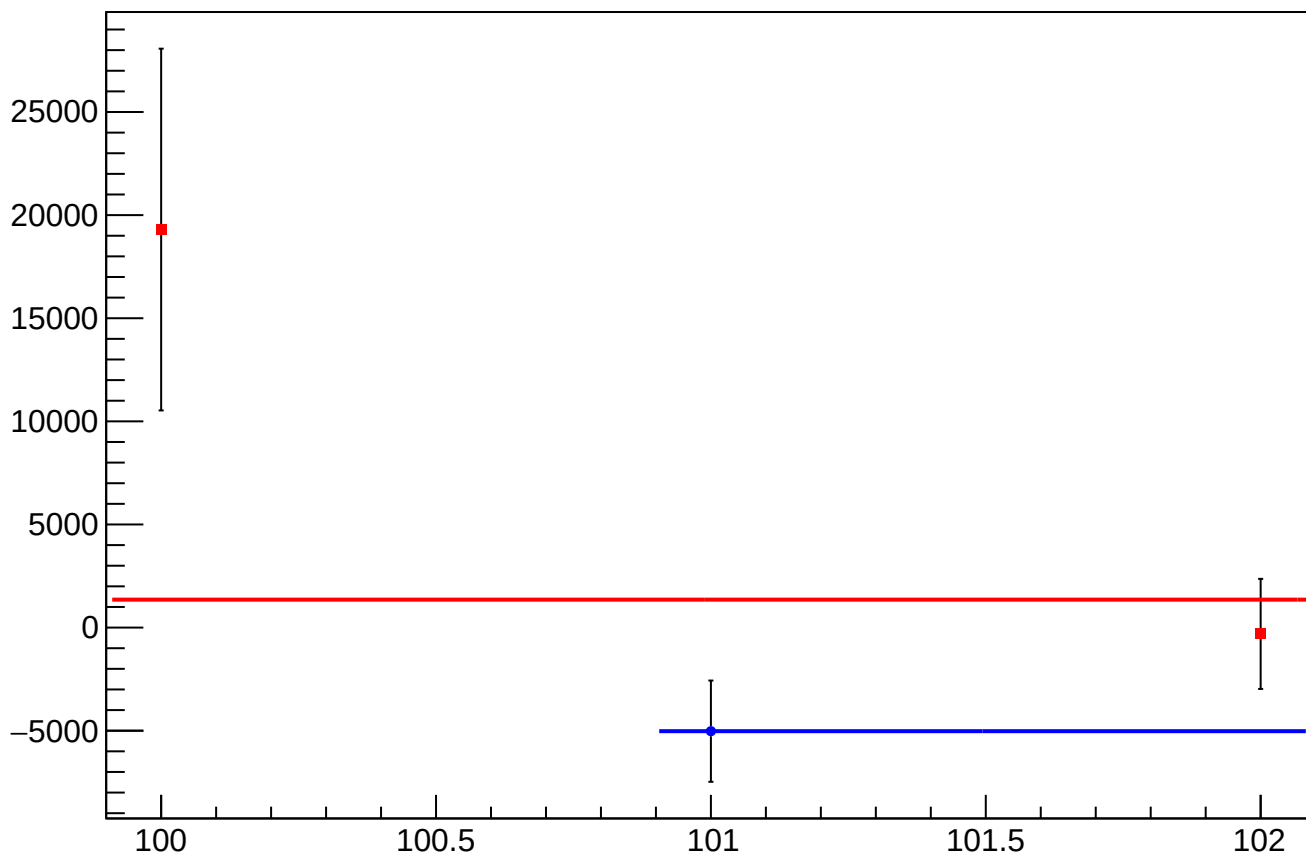
Right: 242.083+/-0.149 χ^2/NDF : 85167.5/2

In: 210.965+/-0.186 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 242.083+/-0.149 χ^2/NDF : 85167.5/2

asym_sam4_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -5022.683+/-2454.680 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1355.168+/-2552.768 χ^2/NDF : 4.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

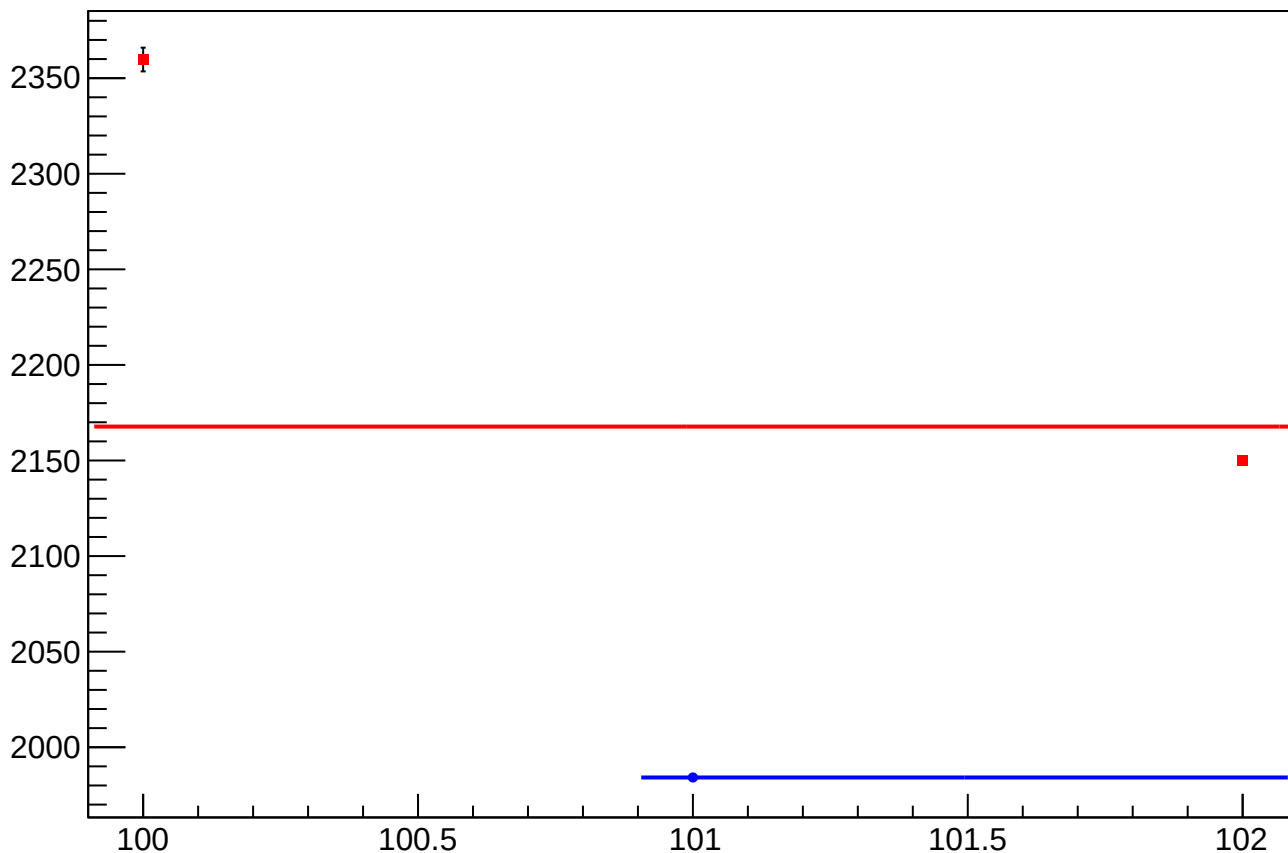
Right: -1958.642+/-1769.381 χ^2/NDF : 7.8/2

In: -5022.683+/-2454.680 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1958.642+/-1769.381 χ^2/NDF : 7.8/2

asym_sam4_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1984.186 $\pm$ 1.736 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2167.757 $\pm$ 1.805 χ^2 /NDF: 1047.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

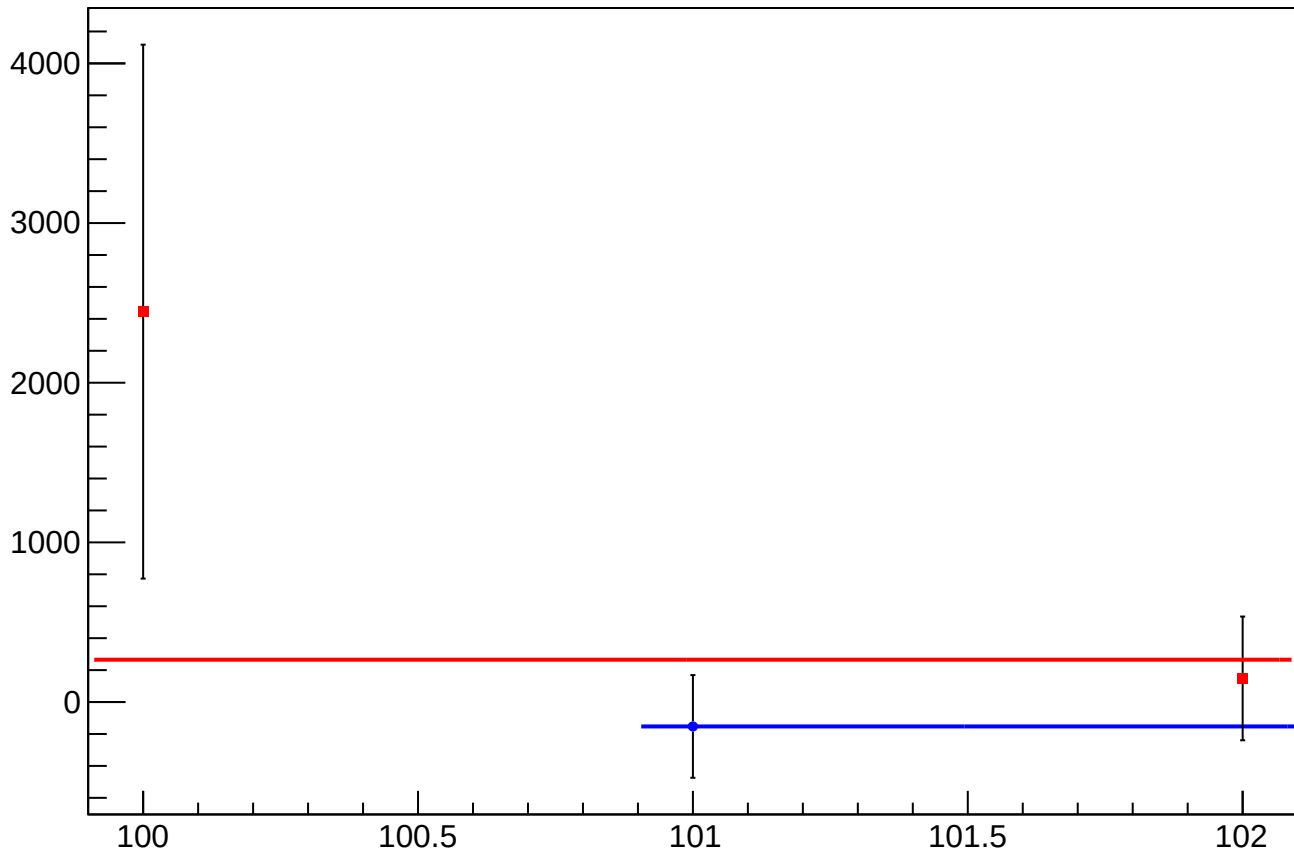
Right: 2072.377 $\pm$ 1.251 χ^2 /NDF: 6420.8/2

In: 1984.186 $\pm$ 1.736 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2072.377 $\pm$ 1.251 χ^2 /NDF: 6420.8/2

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: -152.843+/-321.656 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 265.044+/-377.465 χ^2 /NDF: 1.8/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

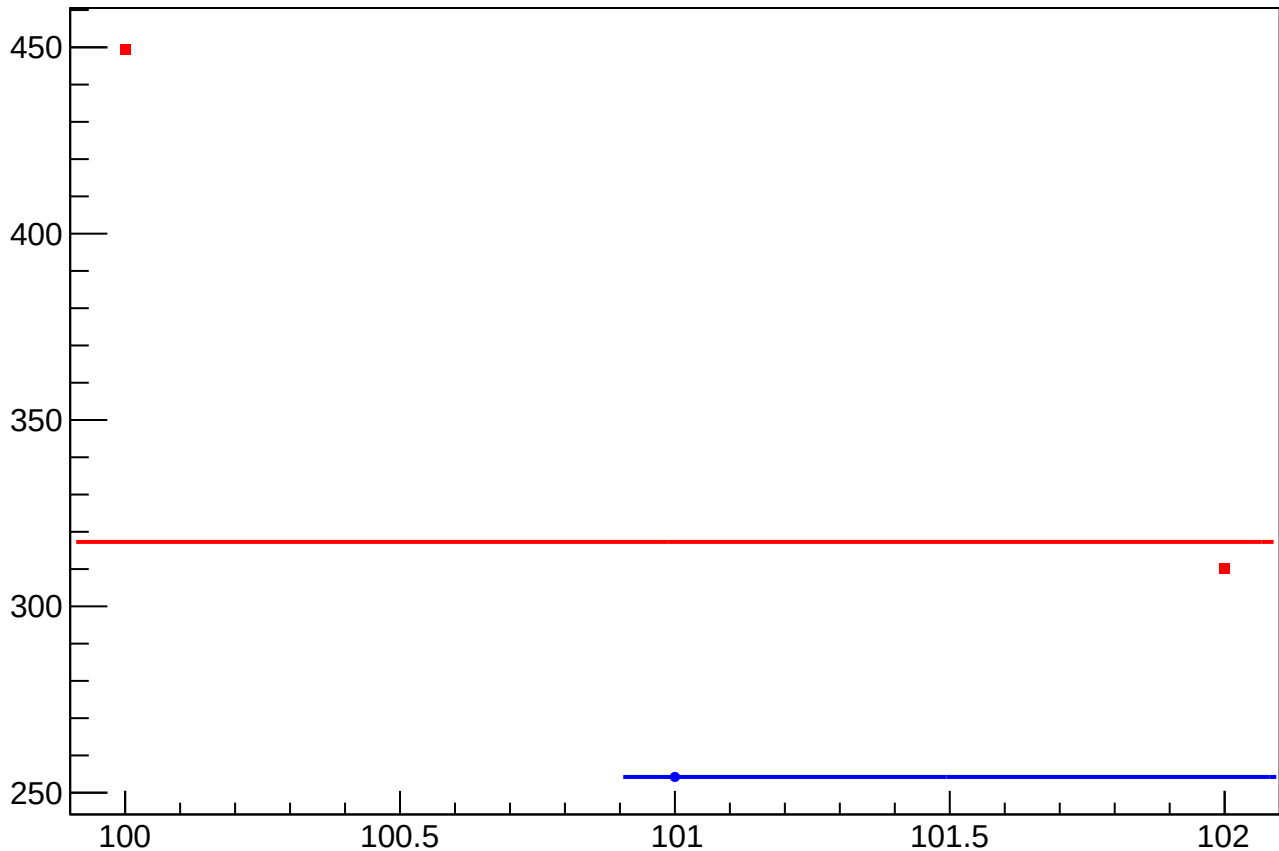
Right: 22.953+/-244.823 χ^2 /NDF: 2.5/2

In: -152.843+/-321.656 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 22.953+/-244.823 χ^2 /NDF: 2.5/2

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 254.225 ± 0.227 χ^2/NDF : 0.0/0

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 317.289 ± 0.267 χ^2/NDF : 13180.4/1

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

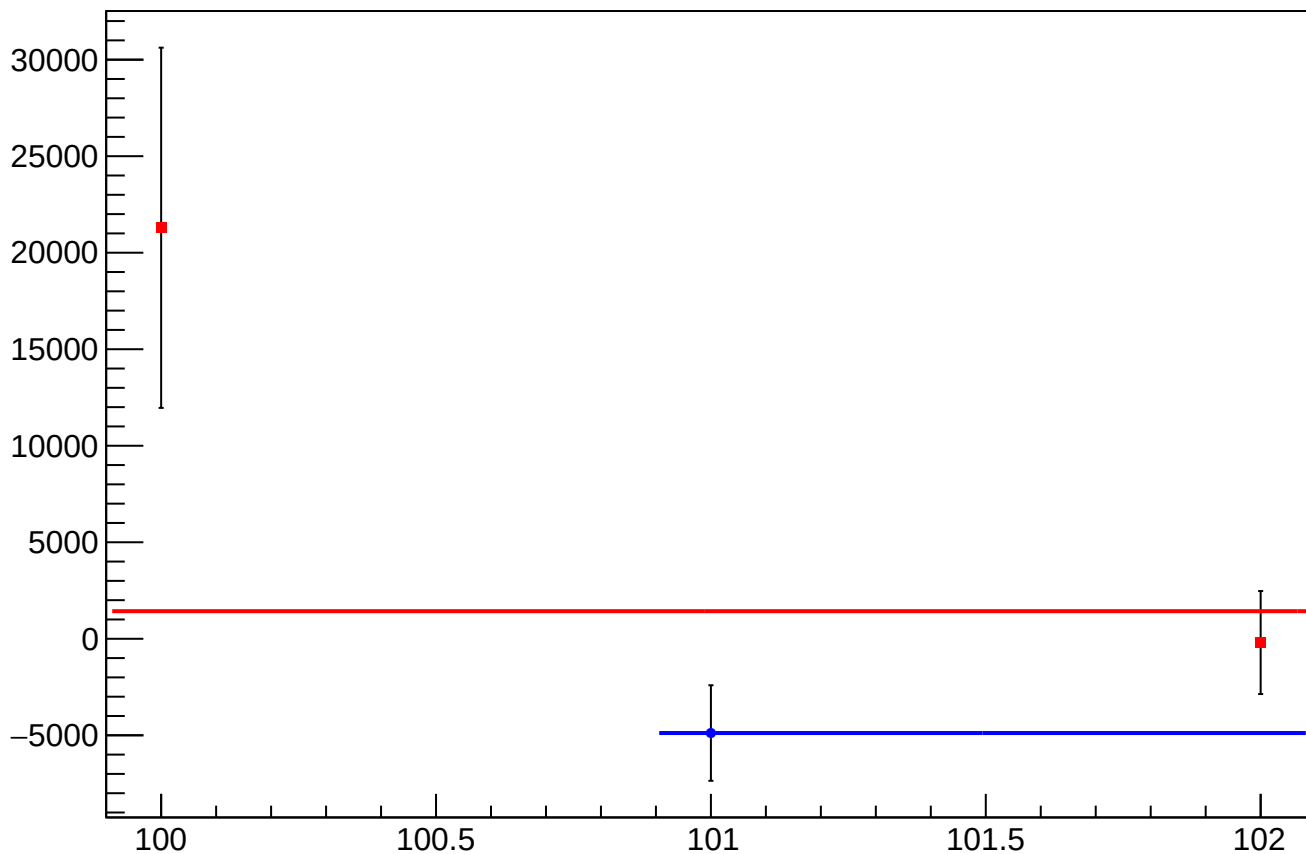
Right: 280.755 ± 0.173 χ^2/NDF : 45521.7/2

In: 254.225 ± 0.227 χ^2/NDF : 0.0/0

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 280.755 ± 0.173 χ^2/NDF : 45521.7/2

asym_sam4_dit_correction_mean vs Slug, Sign Corrected



Right In: -4882.570+/-2474.582 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1429.629+/-2565.432 χ^2/NDF : 4.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

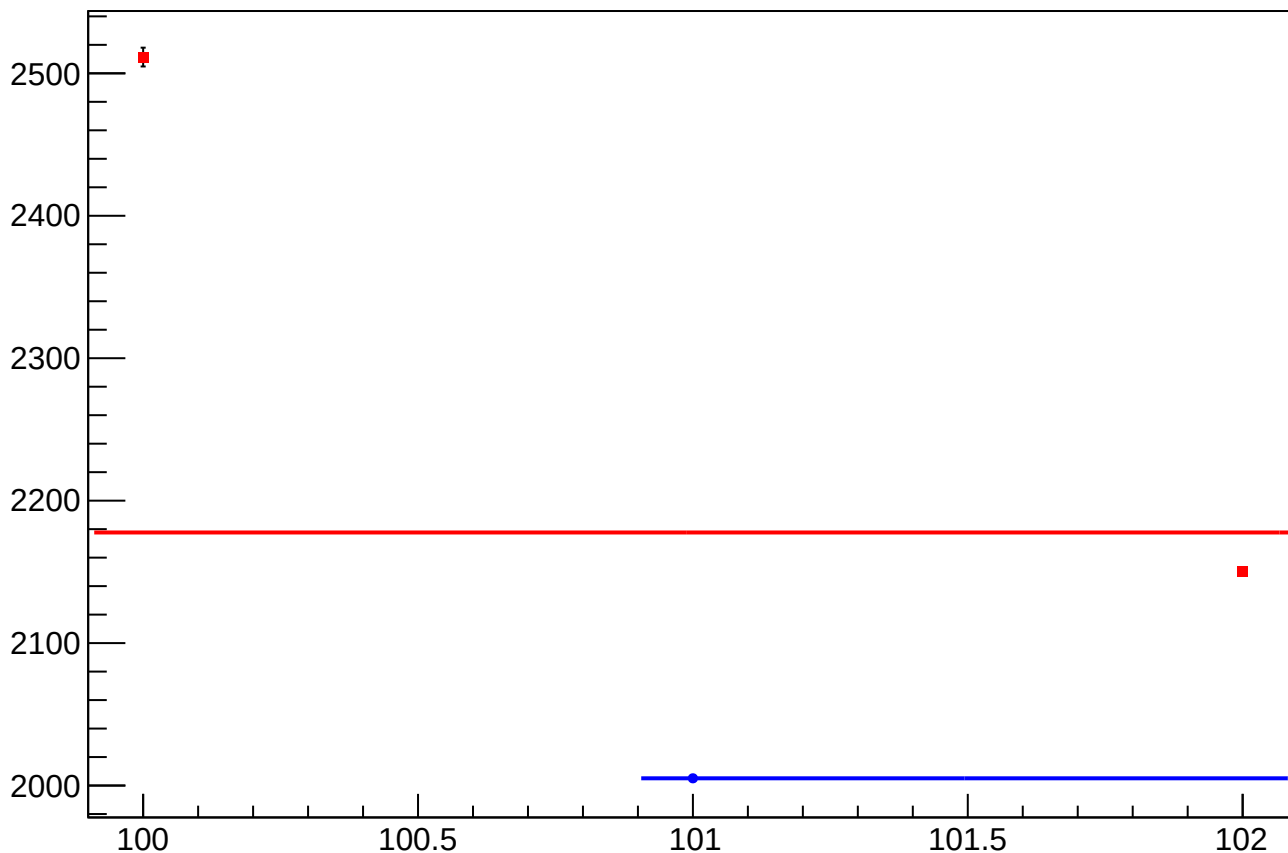
Right: -1840.215+/-1781.046 χ^2/NDF : 8.0/2

In: -4882.570+/-2474.582 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1840.215+/-1781.046 χ^2/NDF : 8.0/2

asym_sam4_dit_correction_rms vs Slug, Sign Corrected



Right In: 2005.081 $\pm$ 1.750 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2177.660 $\pm$ 1.814 χ^2 /NDF: 2768.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

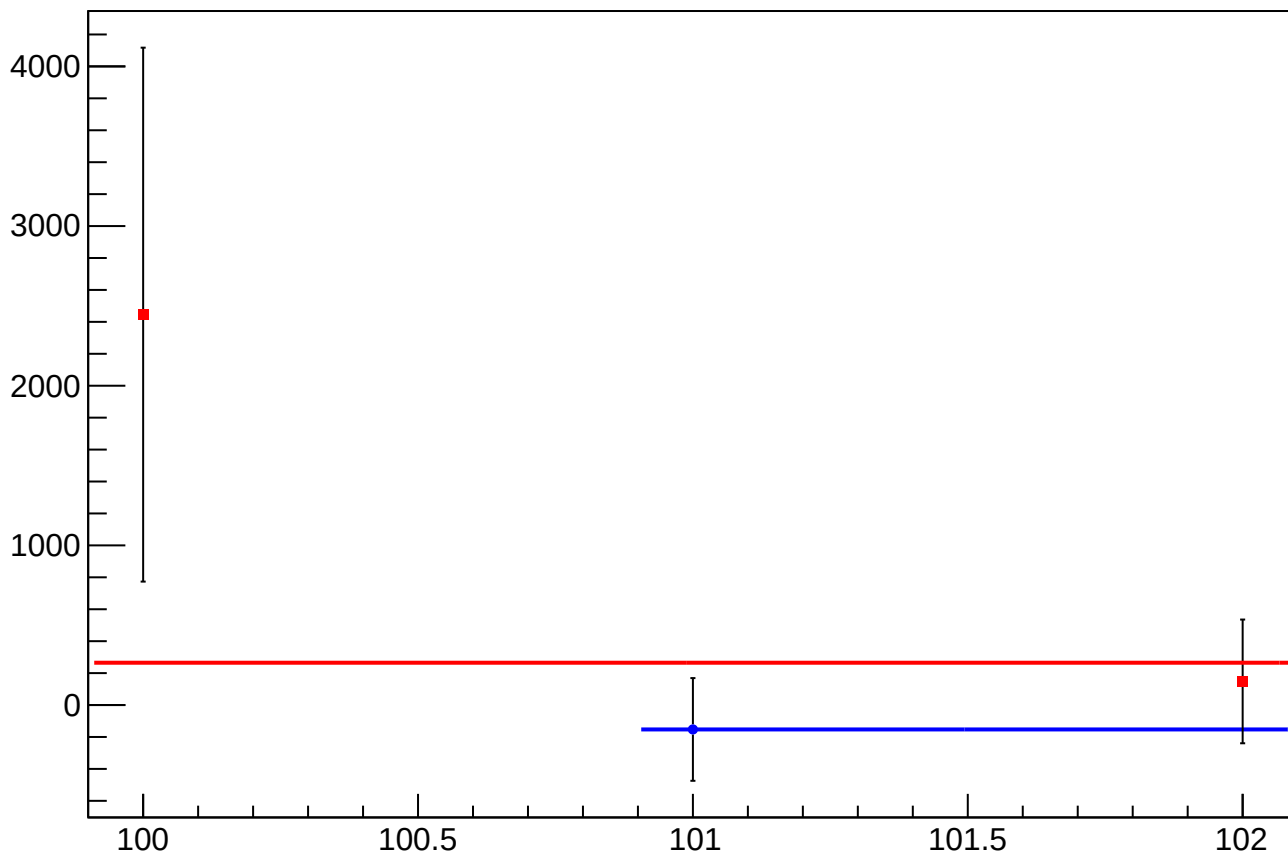
Right: 2088.260 $\pm$ 1.259 χ^2 /NDF: 7456.7/2

In: 2005.081 $\pm$ 1.750 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2088.260 $\pm$ 1.259 χ^2 /NDF: 7456.7/2

eigen_dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: -152.842+/-321.658 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 265.043+/-377.465 χ^2/NDF : 1.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

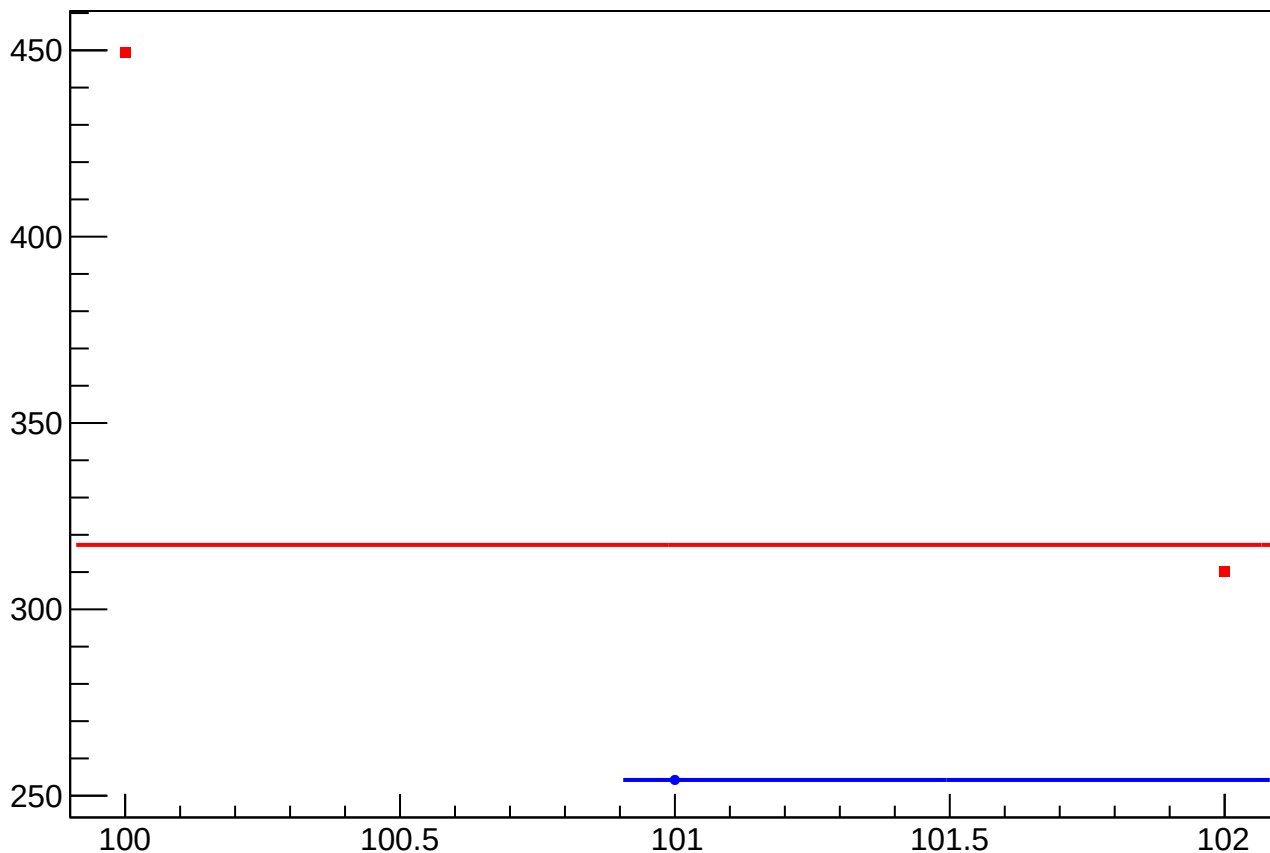
Right: 22.954+/-244.823 χ^2/NDF : 2.5/2

In: -152.842+/-321.658 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.954+/-244.823 χ^2/NDF : 2.5/2

eigen_dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 254.227 $\pm$ 0.227 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 317.289 $\pm$ 0.267 χ^2 /NDF: 13180.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

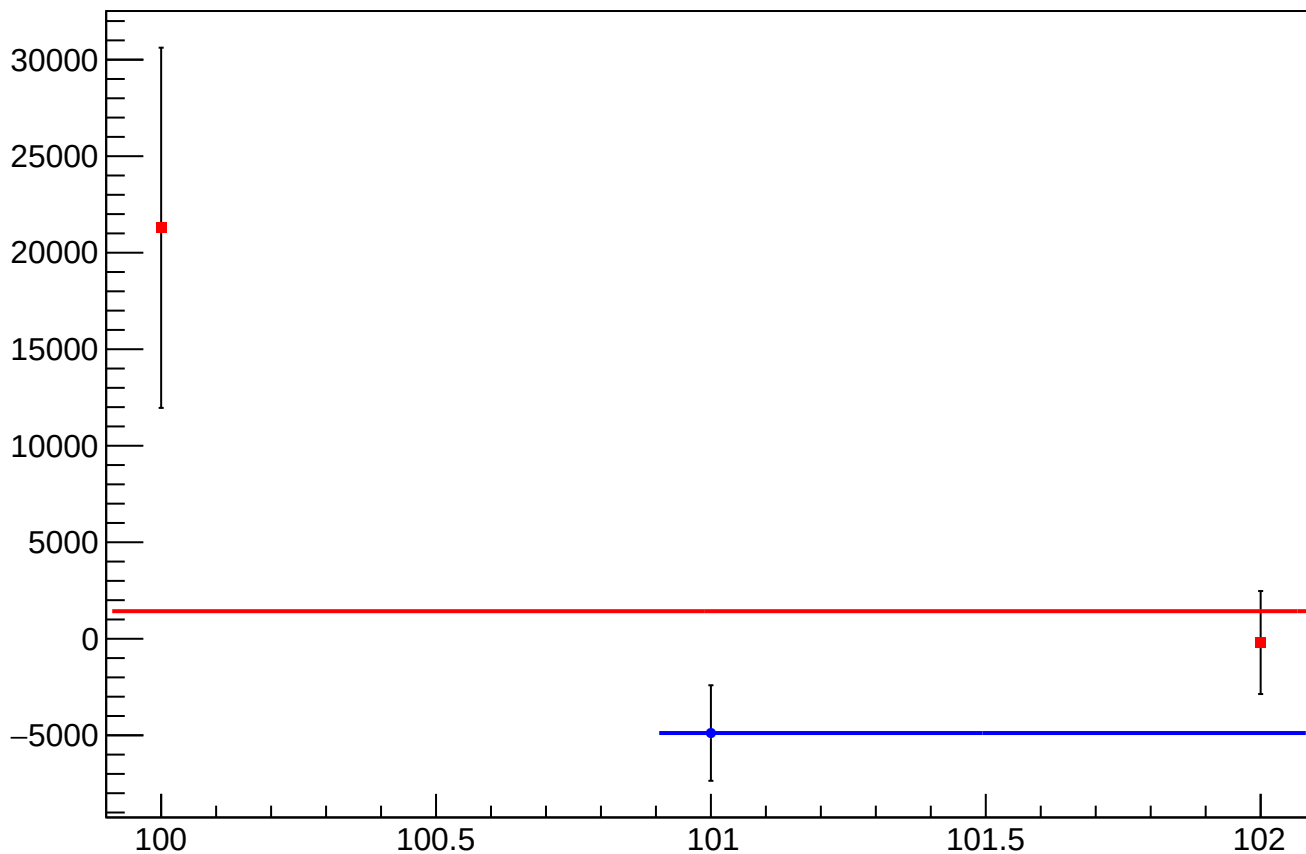
Right: 280.756 $\pm$ 0.173 χ^2 /NDF: 45520.4/2

In: 254.227 $\pm$ 0.227 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 280.756 $\pm$ 0.173 χ^2 /NDF: 45520.4/2

asym_sam4_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -4882.573+/-2474.583 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1429.631+/-2565.434 χ^2/NDF : 4.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

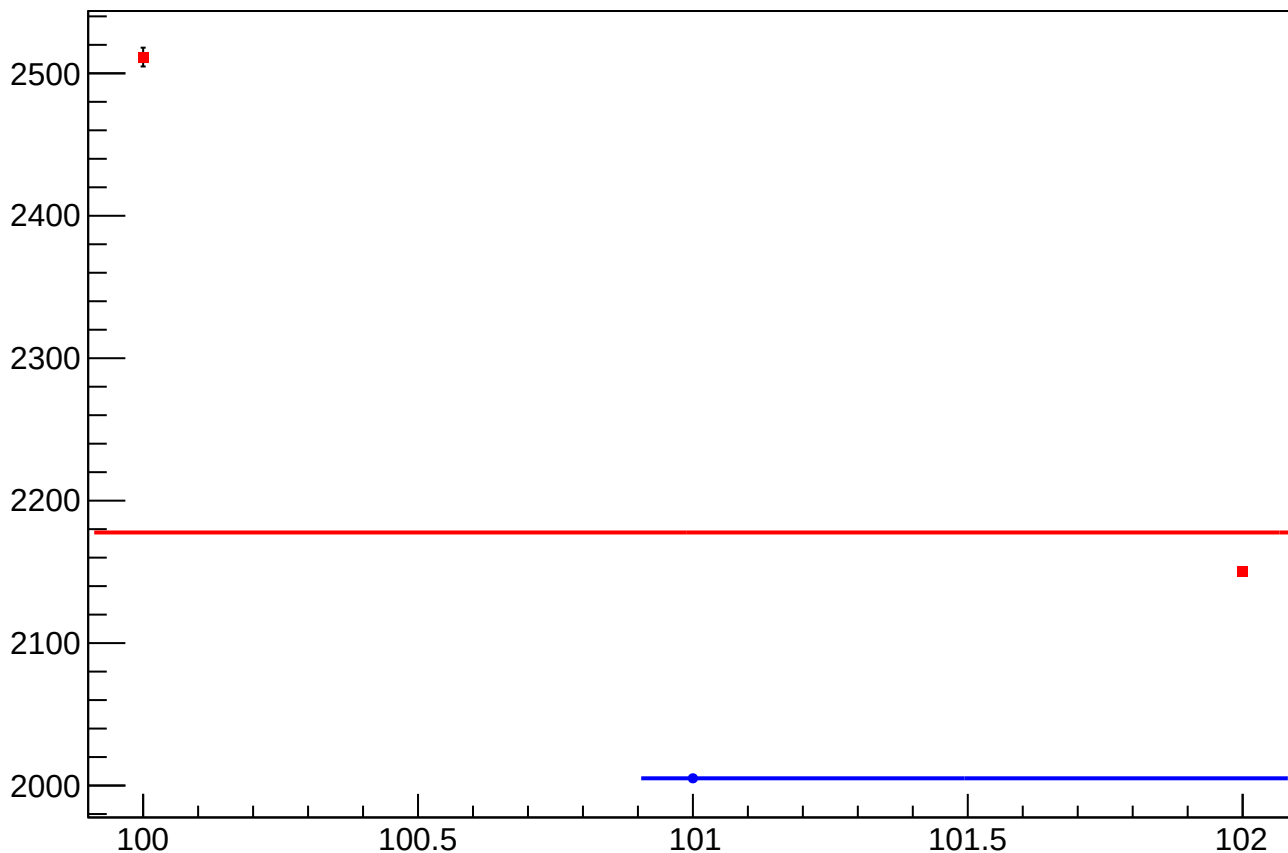
Right: -1840.217+/-1781.047 χ^2/NDF : 8.0/2

In: -4882.573+/-2474.583 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1840.217+/-1781.047 χ^2/NDF : 8.0/2

asym_sam4_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2005.082 $\pm$ 1.750 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2177.662 $\pm$ 1.814 χ^2 /NDF: 2768.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

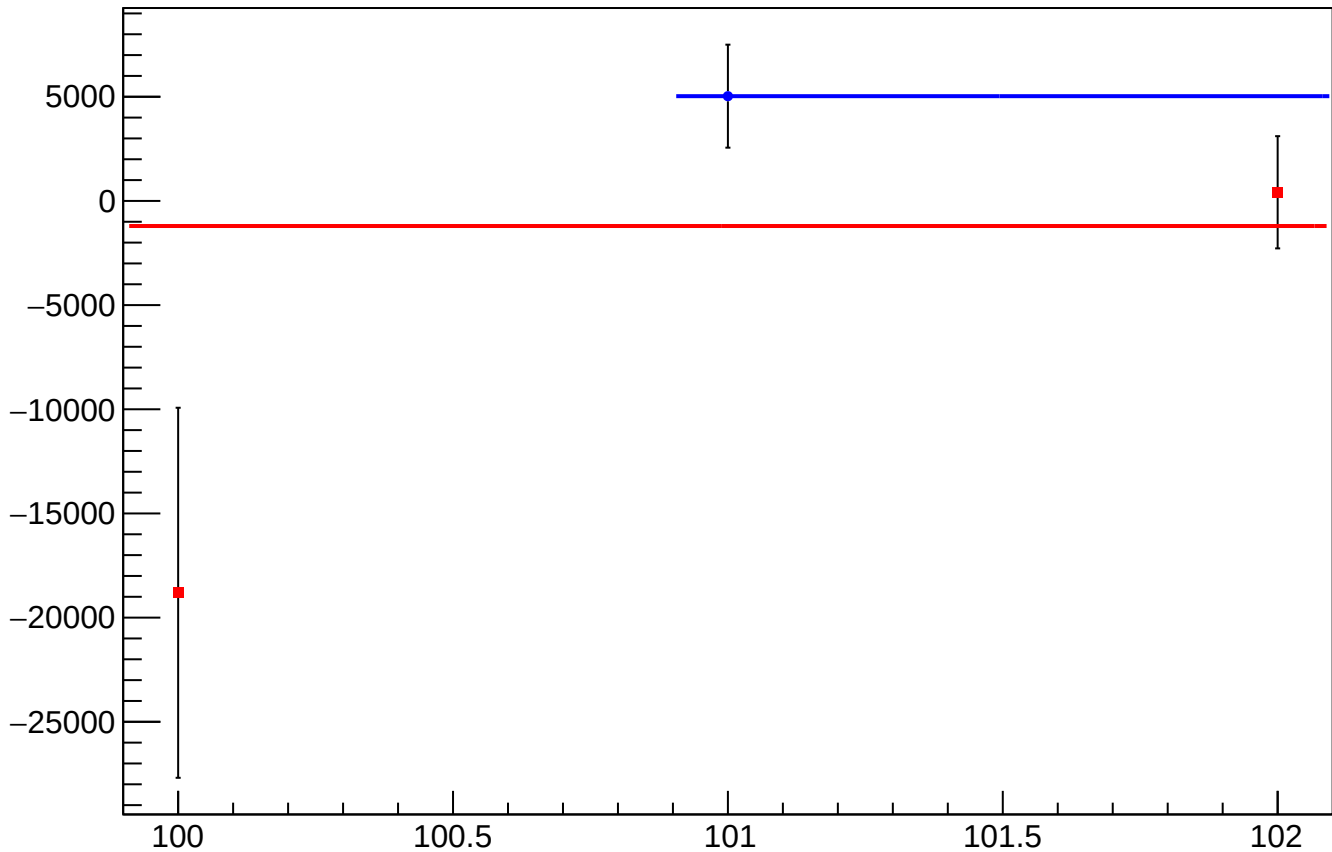
Right: 2088.262 $\pm$ 1.259 χ^2 /NDF: 7456.7/2

In: 2005.082 $\pm$ 1.750 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2088.262 $\pm$ 1.259 χ^2 /NDF: 7456.7/2

asym_sam4_mean vs Slug, Sign Corrected



Right In: 5028.145+/-2471.799 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1203.882+/-2577.294 χ^2/NDF : 4.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

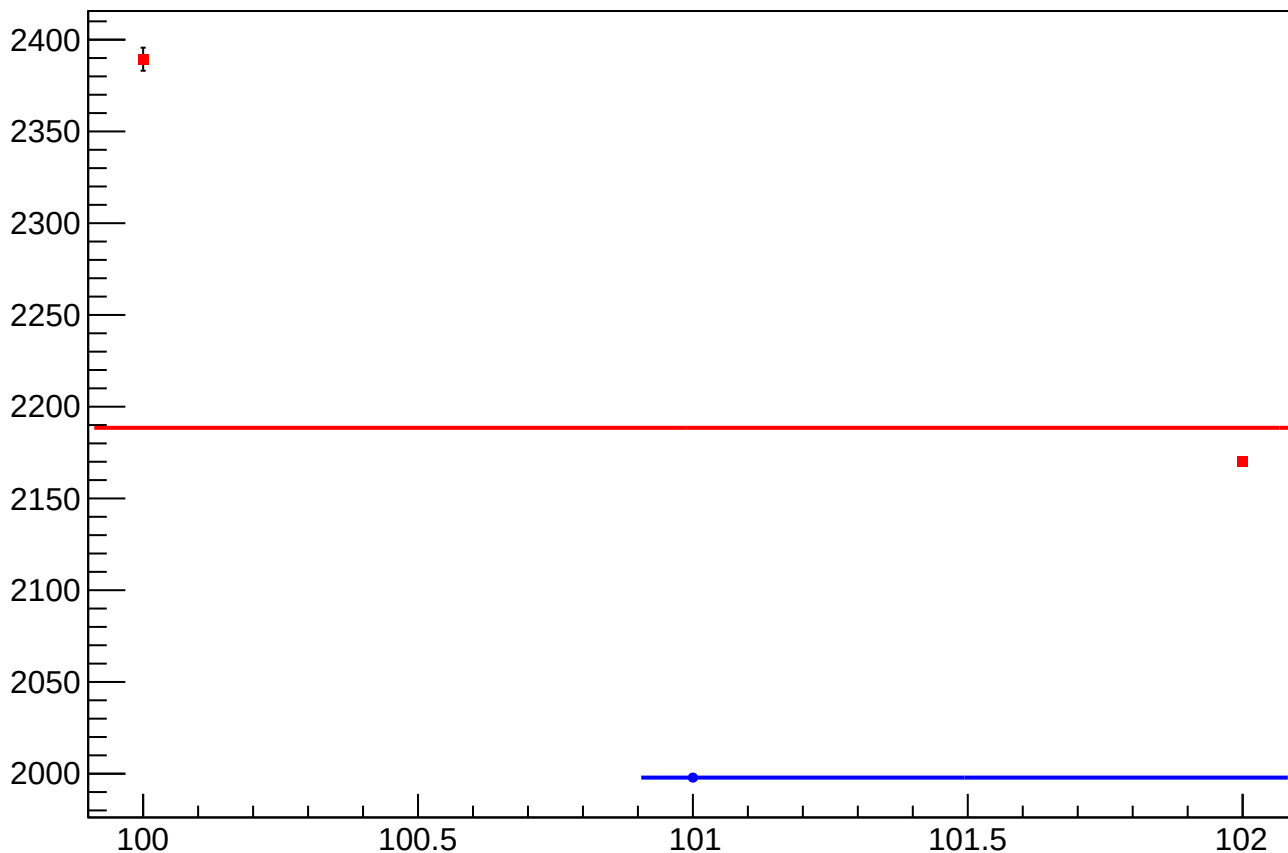
Right: 2042.287+/-1783.955 χ^2/NDF : 7.3/2

In: 5028.145+/-2471.799 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2042.287+/-1783.955 χ^2/NDF : 7.3/2

asym_sam4_rms vs Slug, Sign Corrected



Right In: 1997.884 $\pm$ 1.748 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2188.498 $\pm$ 1.822 χ^2 /NDF: 1117.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

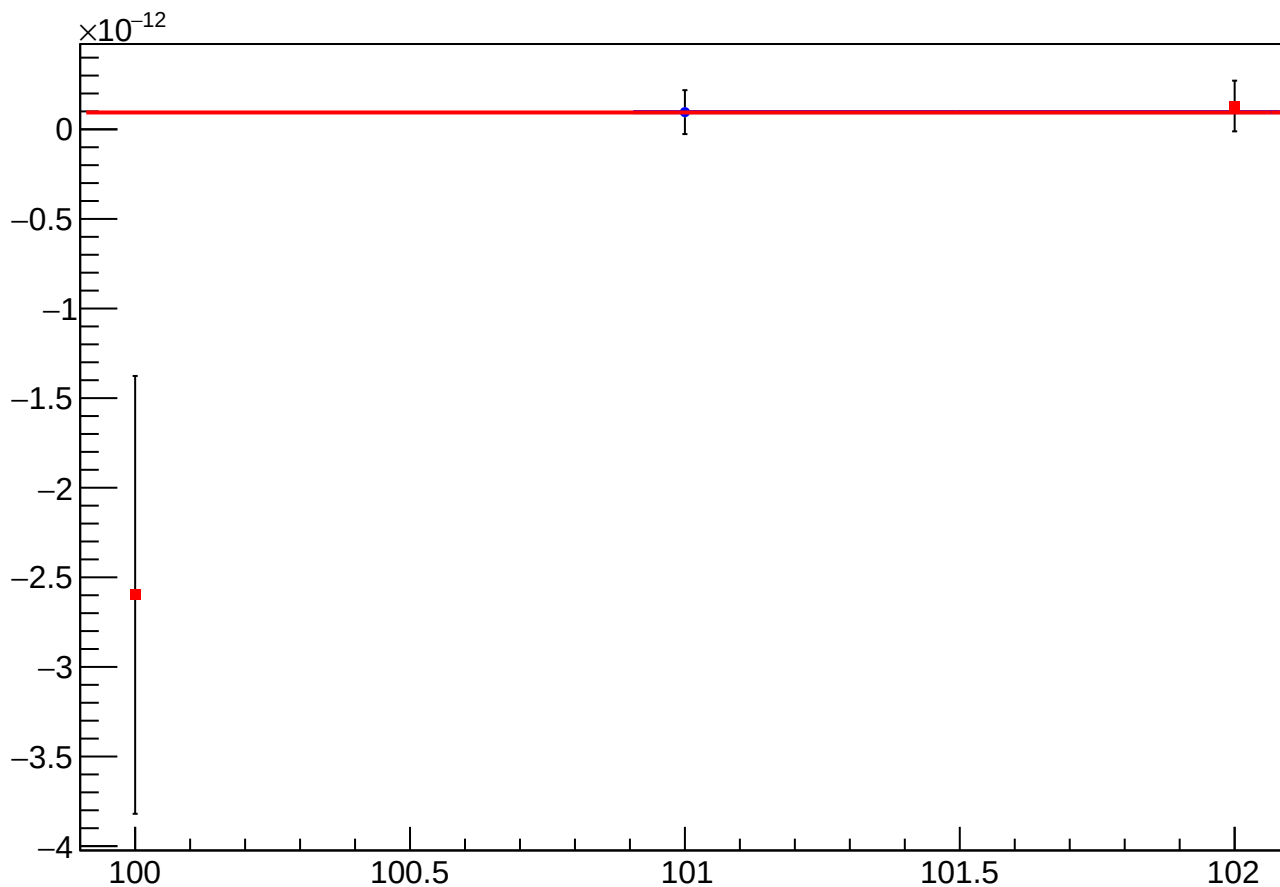
Right: 2089.210 $\pm$ 1.261 χ^2 /NDF: 6815.7/2

In: 1997.884 $\pm$ 1.748 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2089.210 $\pm$ 1.261 χ^2 /NDF: 6815.7/2

asym_sam4_reg_vs_cor_diff_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 : 4.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

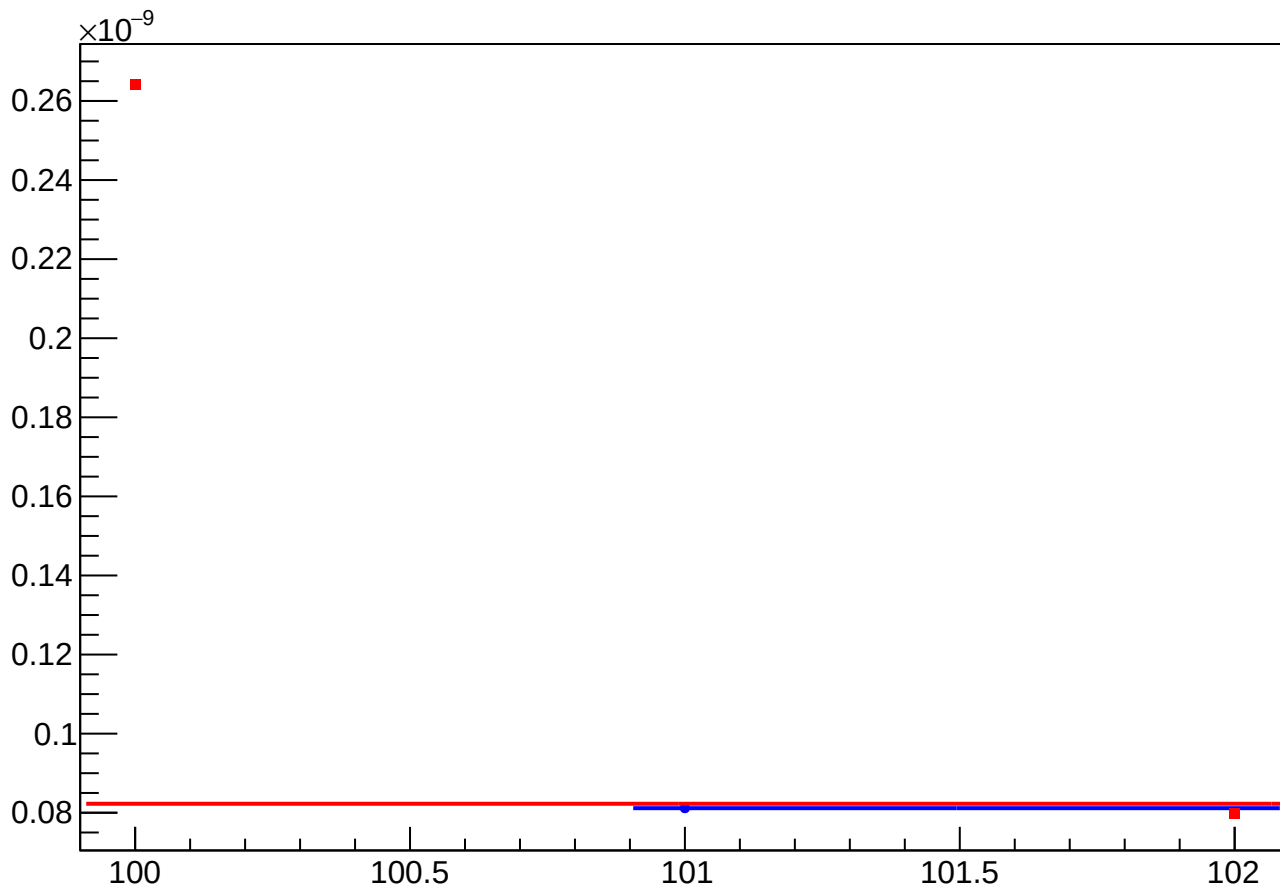
Right: 0.000+/-0.000 χ^2/NDF : 4.9/2

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 : 4.9/2

asym_sam4_reg_vs_cor_diff_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 : 44983.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

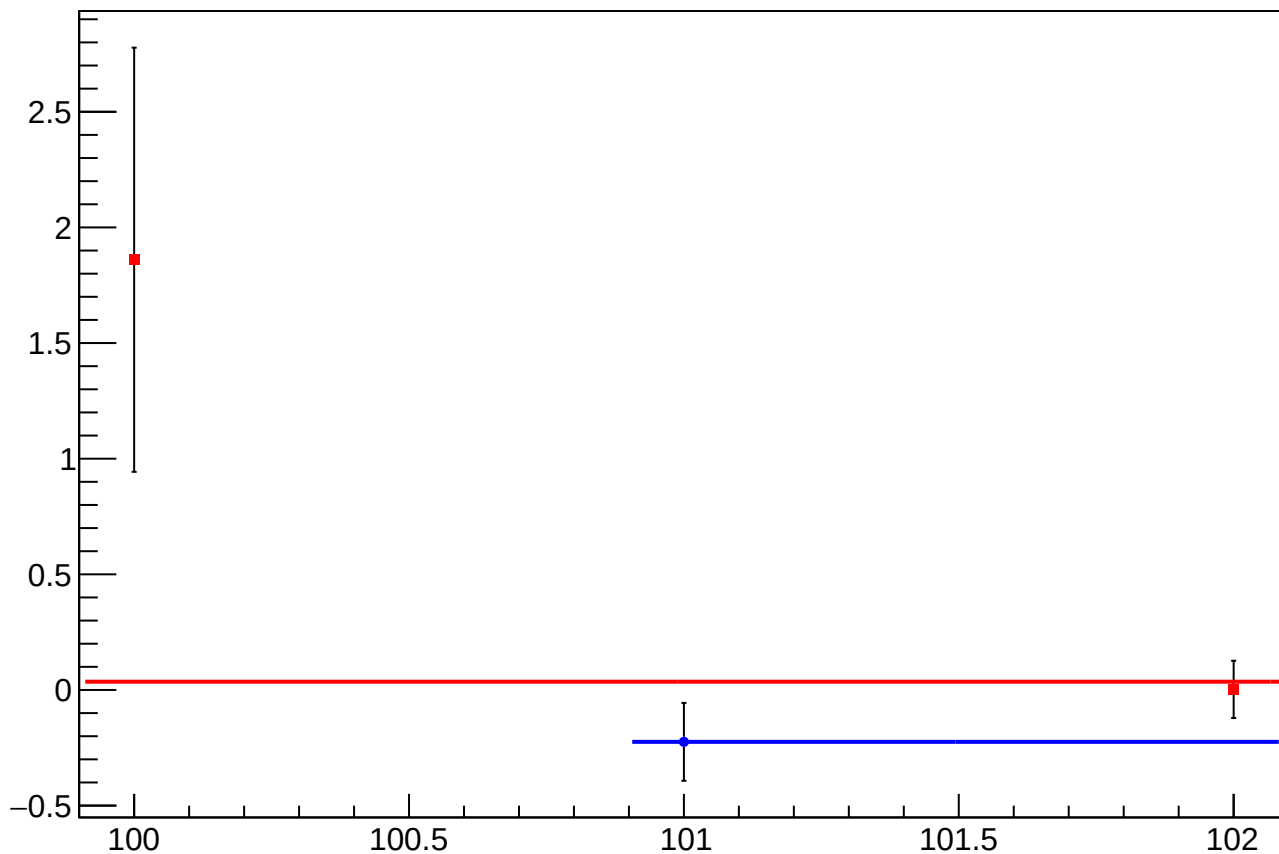
Right: 0.000+/-0.000 χ^2/NDF : 45055.4/2

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 : 45055.4/2

asym_sam4_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.224+/-0.168 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.036+/-0.123 χ^2/NDF : 4.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

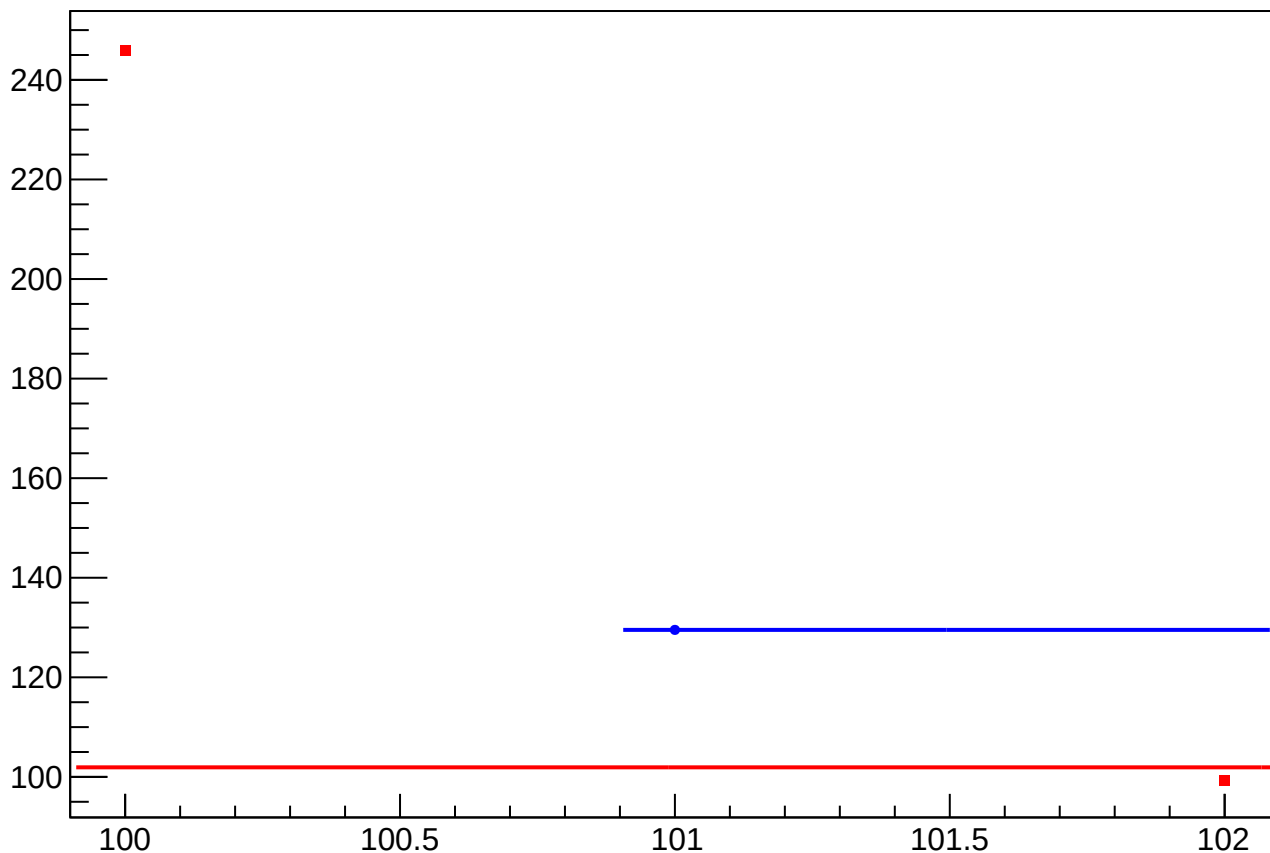
Right: -0.054+/-0.099 χ^2/NDF : 5.6/2

In: -0.224+/-0.168 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.054+/-0.099 χ^2/NDF : 5.6/2

asym_sam4_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.527 $\pm$ 0.119 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 101.919 $\pm$ 0.087 χ^2 /NDF: 50148.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

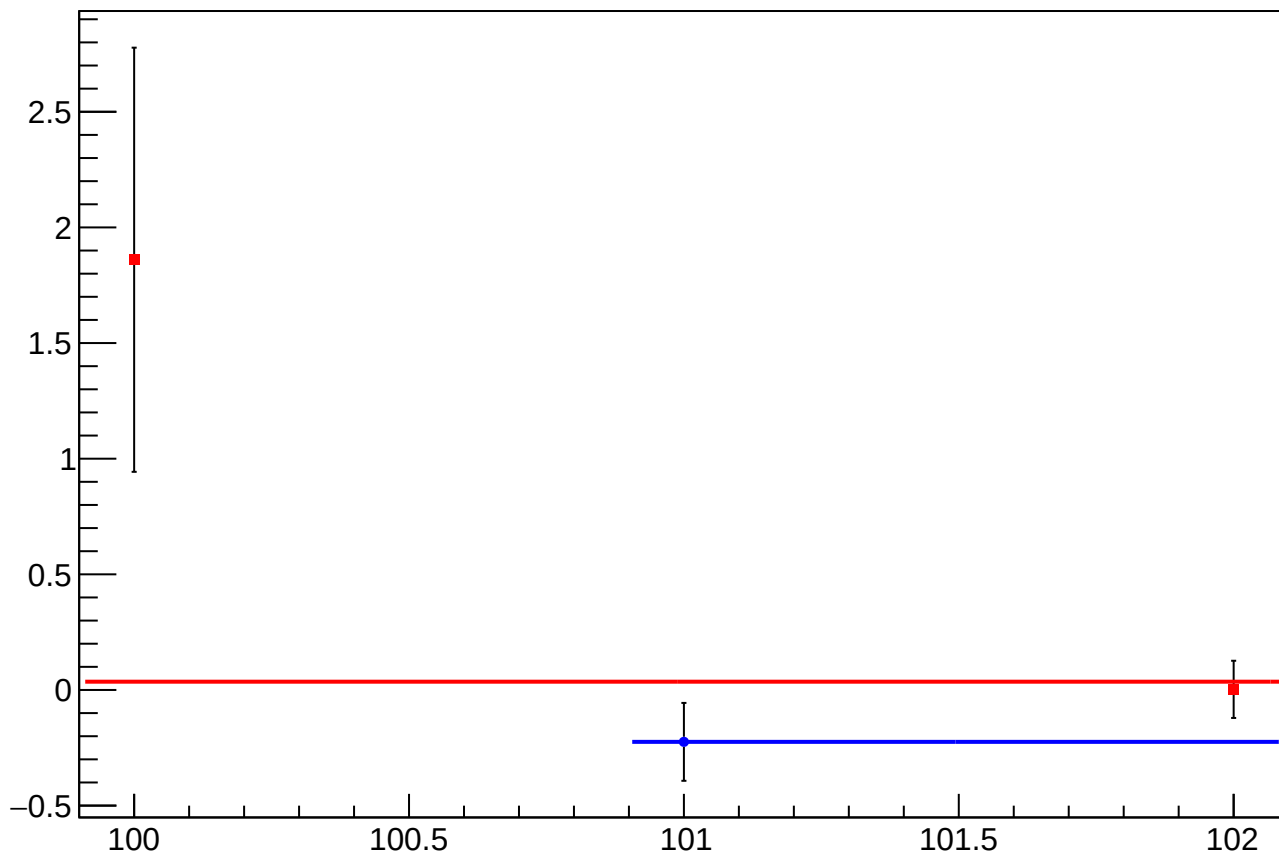
Right: 111.479 $\pm$ 0.070 χ^2 /NDF: 85302.9/2

In: 129.527 $\pm$ 0.119 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 111.479 $\pm$ 0.070 χ^2 /NDF: 85302.9/2

asym_sam4_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.224+/-0.168 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.036+/-0.123 χ^2 /NDF: 4.0/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

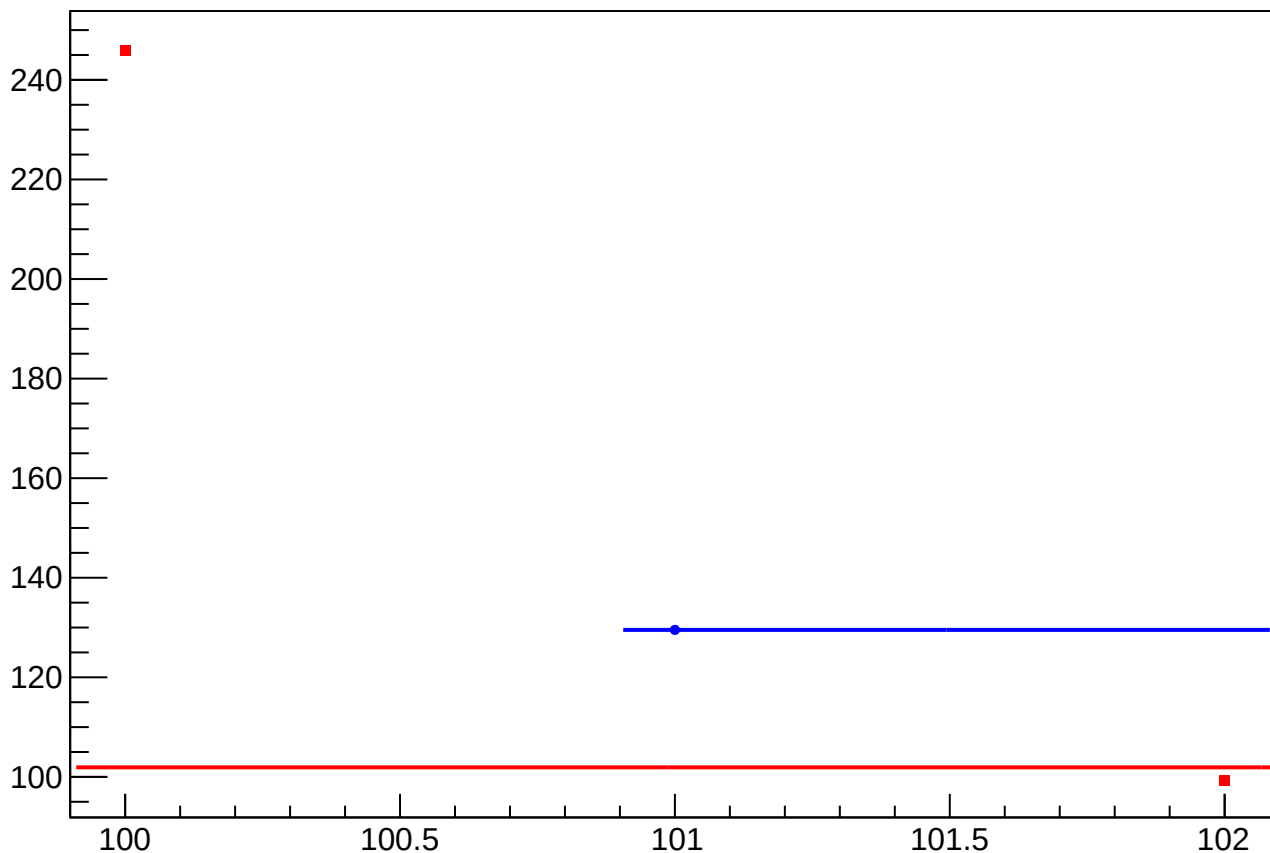
Right: -0.054+/-0.099 χ^2 /NDF: 5.6/2

In: -0.224+/-0.168 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.054+/-0.099 χ^2 /NDF: 5.6/2

asym_sam4_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.527 $\pm$ 0.119 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 101.919 $\pm$ 0.087 χ^2 /NDF: 50148.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

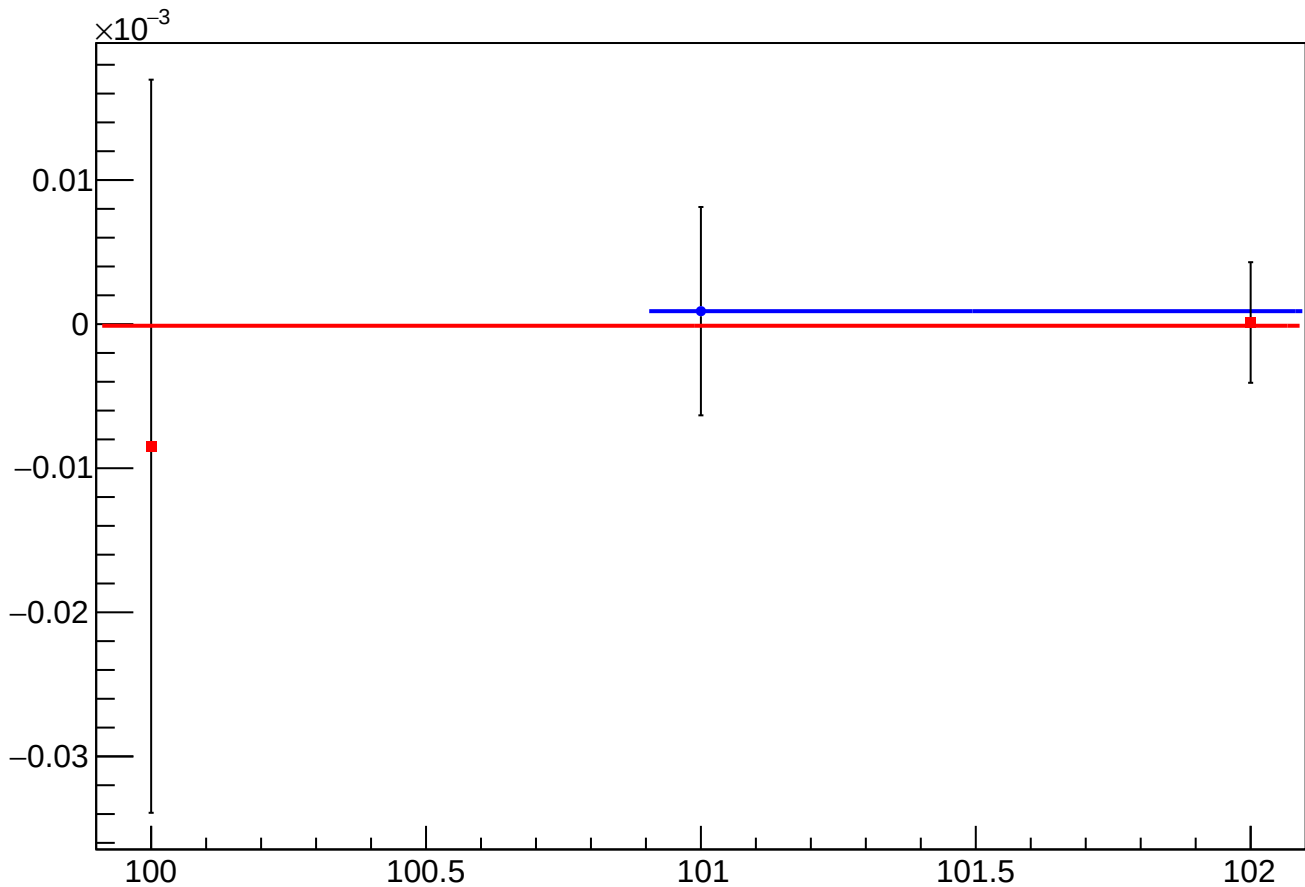
Right: 111.479 $\pm$ 0.070 χ^2 /NDF: 85302.9/2

In: 129.527 $\pm$ 0.119 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 111.479 $\pm$ 0.070 χ^2 /NDF: 85302.9/2

asym_sam4_eigen_dit_vs_dit_diff_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 : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

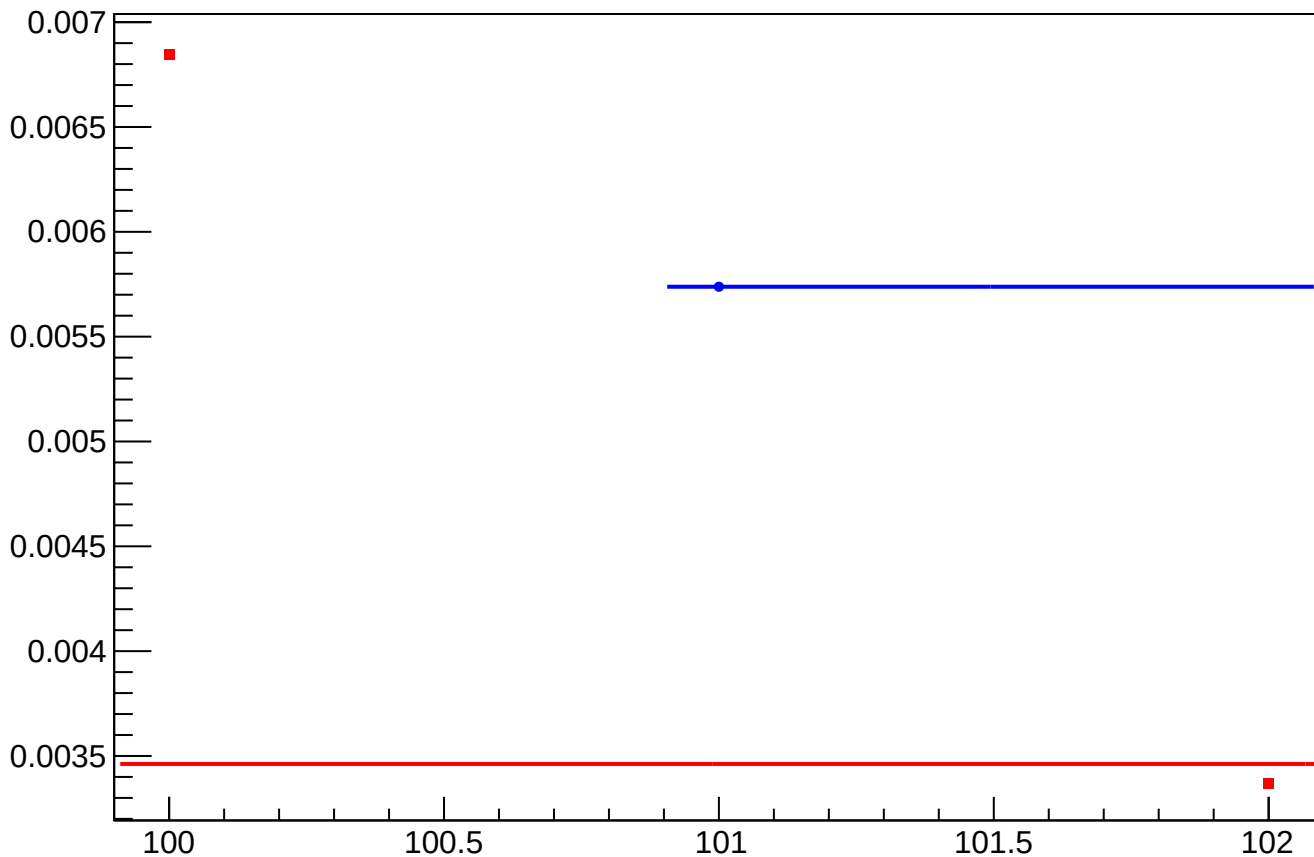
Right: 0.000+/-0.000 χ^2/NDF : 0.1/2

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 : 0.1/2

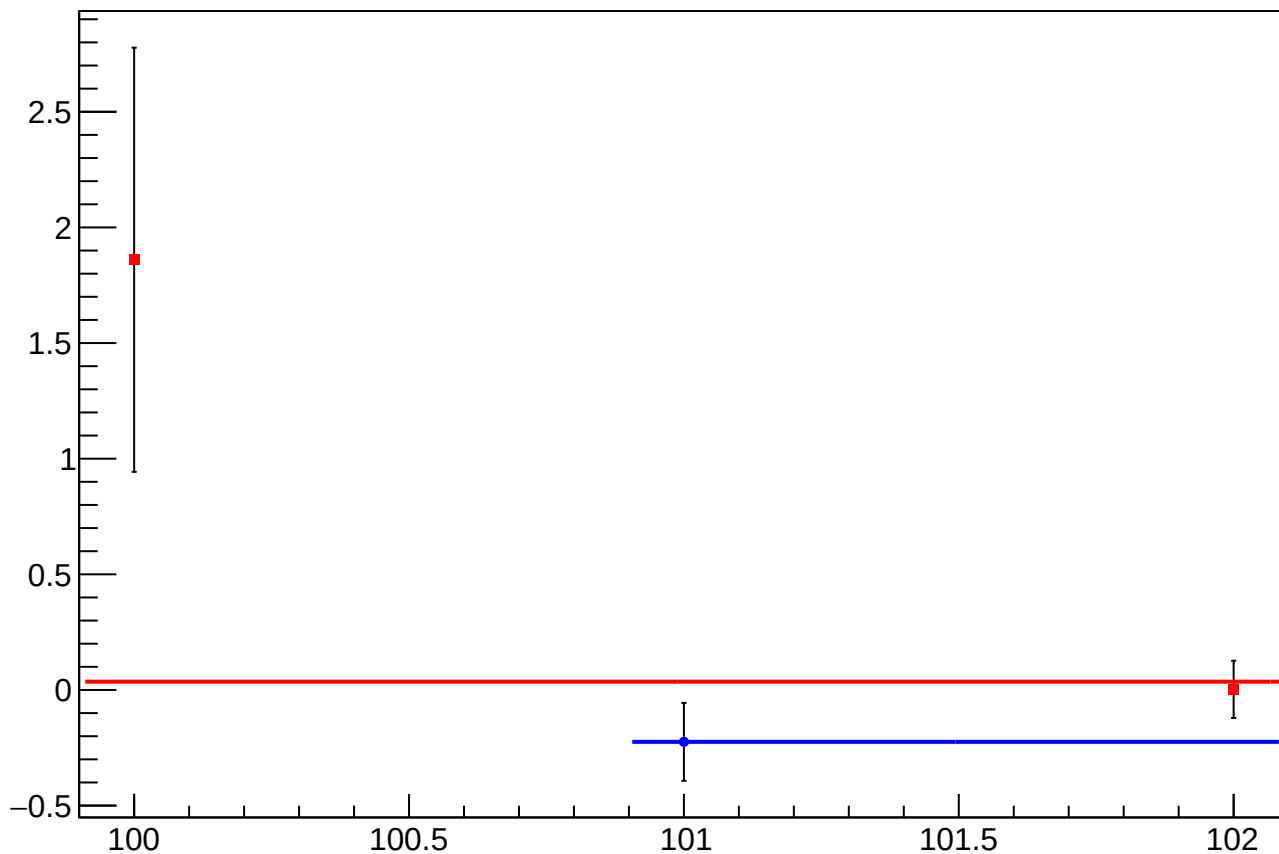
asym_sam4_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 0.003 $\pm$ 0.000 χ^2 /NDF: 36352.0/1
 Left In: 0.000 $\pm$ 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: 185842.8/2
 In: 0.006 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.004 $\pm$ 0.000 χ^2 /NDF: 185842.8/2

asym_sam4_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.224+/-0.168 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.036+/-0.123 χ^2/NDF : 4.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

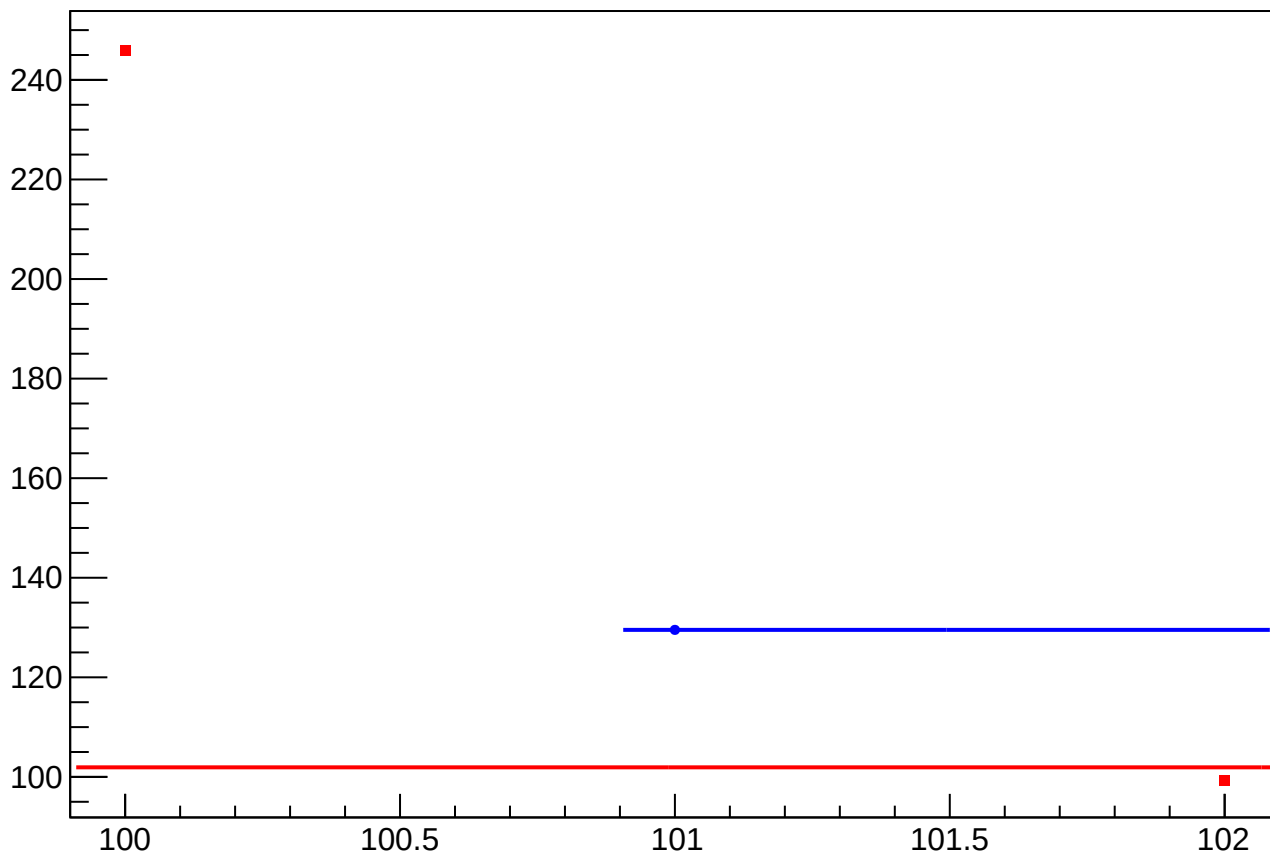
Right: -0.054+/-0.099 χ^2/NDF : 5.6/2

In: -0.224+/-0.168 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.054+/-0.099 χ^2/NDF : 5.6/2

asym_sam4_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.530 $\pm$ 0.119 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 101.919 $\pm$ 0.087 χ^2 /NDF: 50149.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

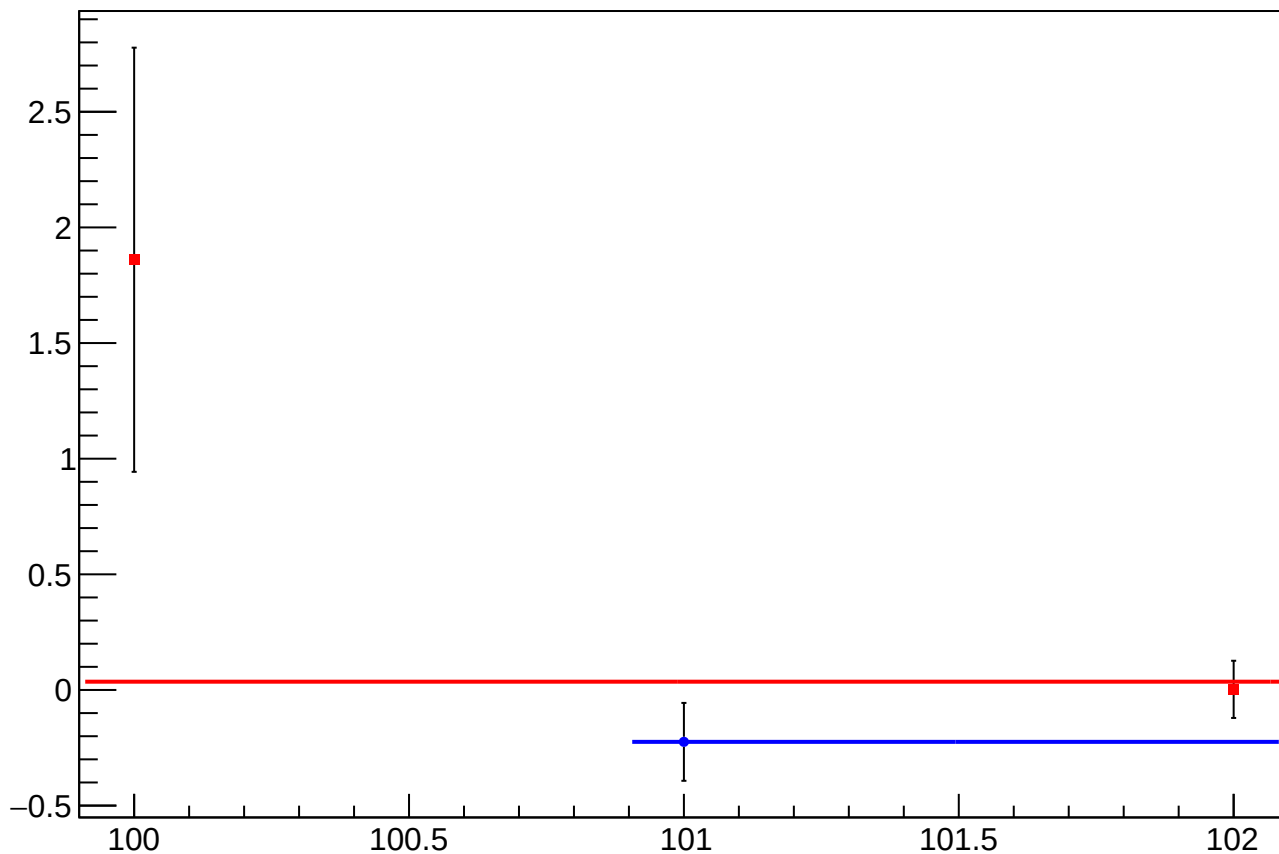
Right: 111.480 $\pm$ 0.070 χ^2 /NDF: 85309.9/2

In: 129.530 $\pm$ 0.119 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 111.480 $\pm$ 0.070 χ^2 /NDF: 85309.9/2

asym_sam4_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.224+/-0.168 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.036+/-0.123 χ^2/NDF : 4.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

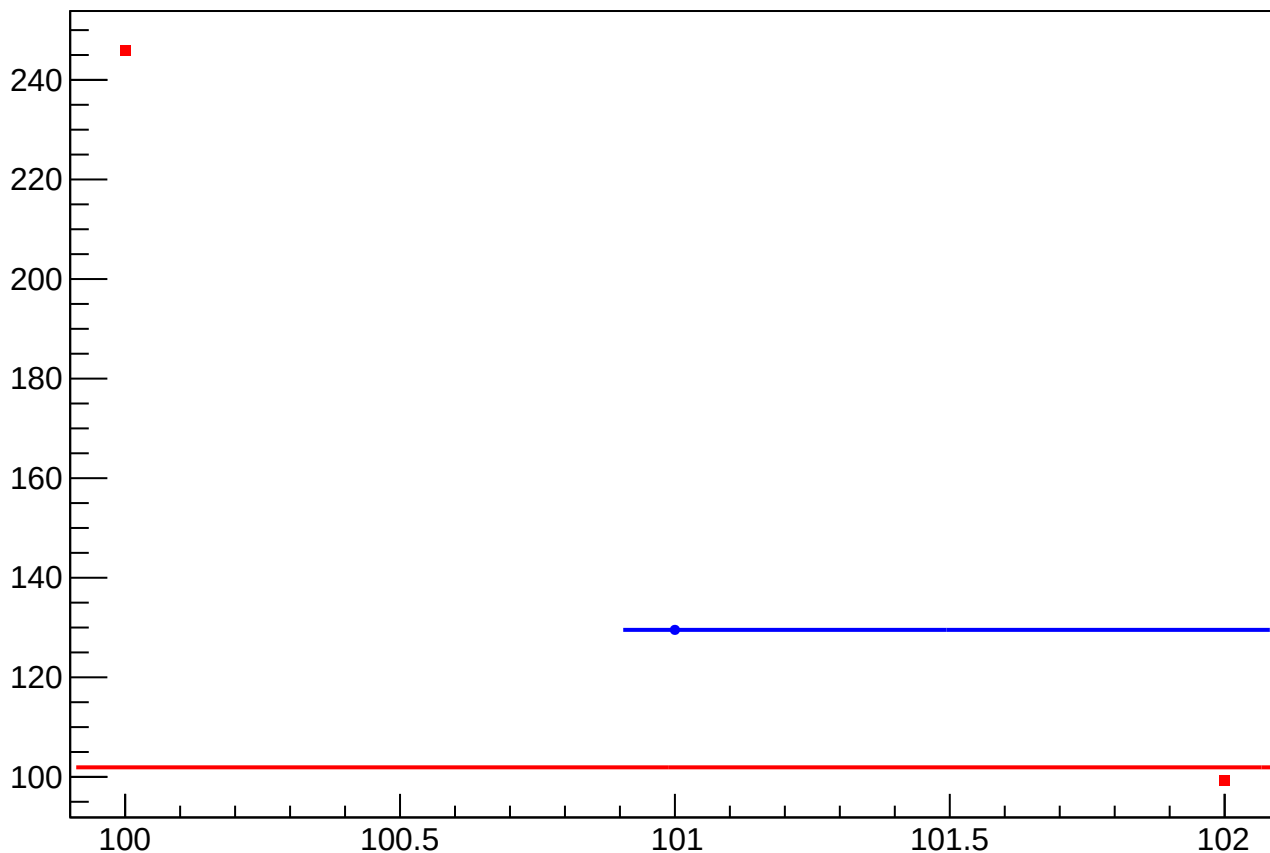
Right: -0.054+/-0.099 χ^2/NDF : 5.6/2

In: -0.224+/-0.168 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.054+/-0.099 χ^2/NDF : 5.6/2

asym_sam4_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.530 $\pm$ 0.119 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 101.919 $\pm$ 0.087 χ^2 /NDF: 50149.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

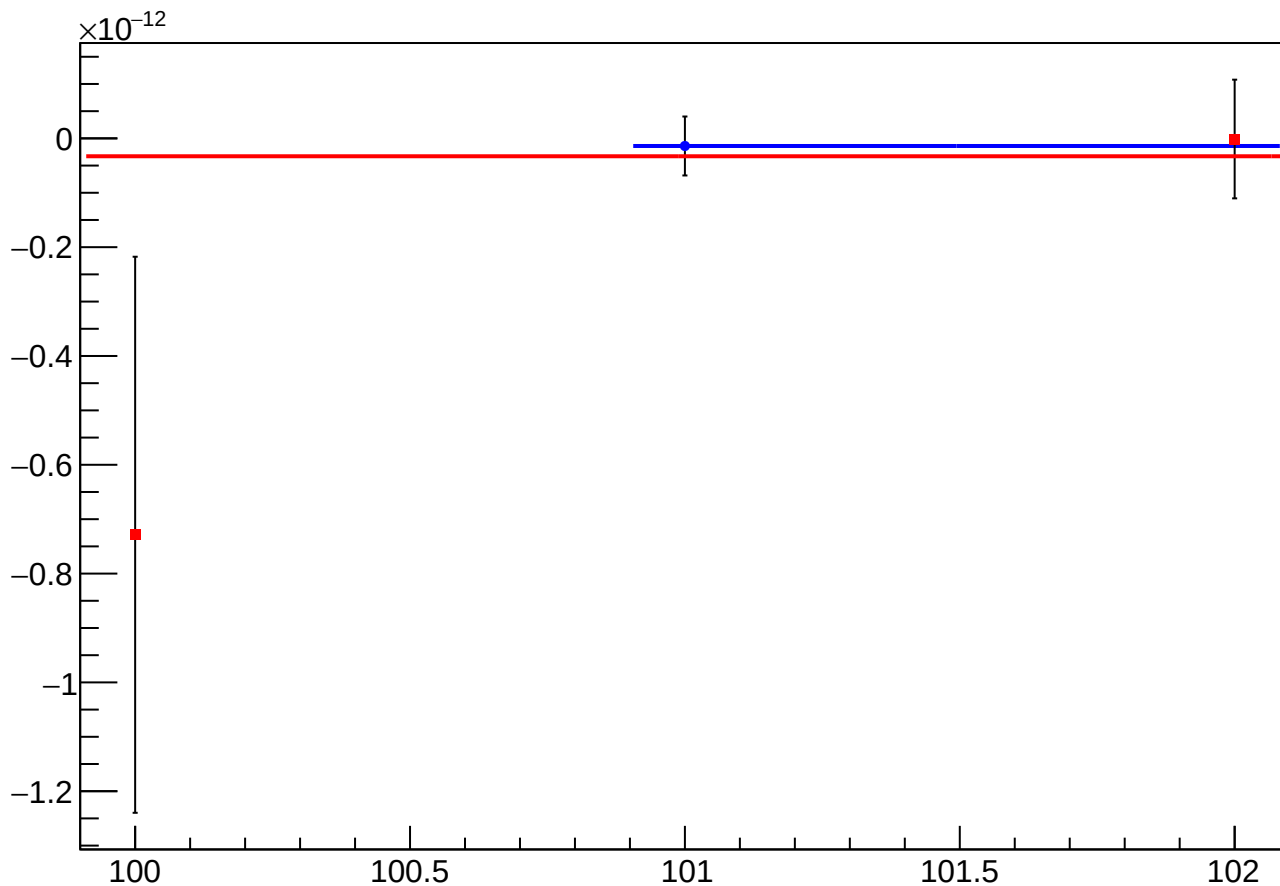
Right: 111.480 $\pm$ 0.070 χ^2 /NDF: 85309.9/2

In: 129.530 $\pm$ 0.119 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 111.480 $\pm$ 0.070 χ^2 /NDF: 85309.9/2

asym_sam4_eigen_cor_vs_cor_diff_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 : 1.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

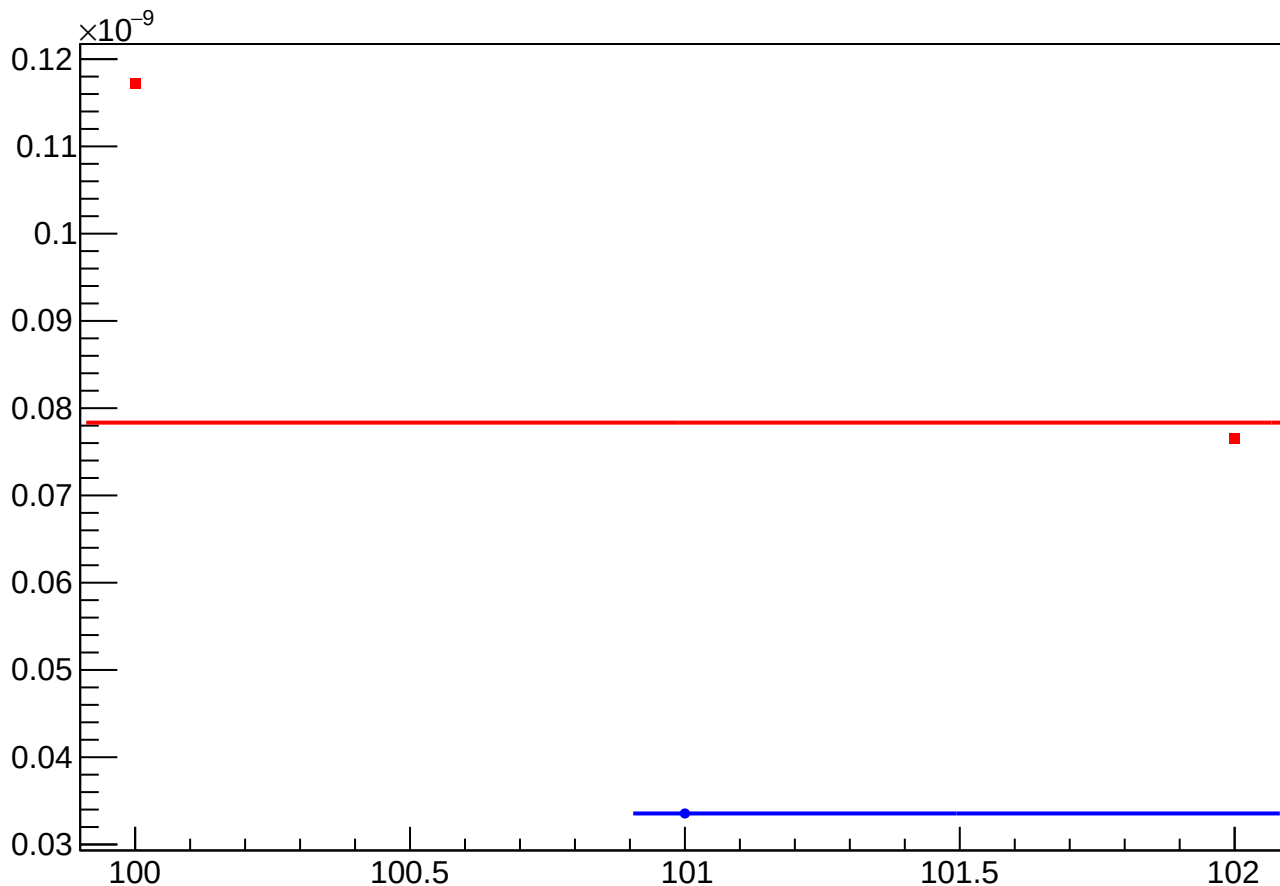
Right: -0.000+/-0.000 χ^2/NDF : 2.0/2

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 : 2.0/2

asym_sam4_eigen_cor_vs_cor_diff_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 : 12069.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

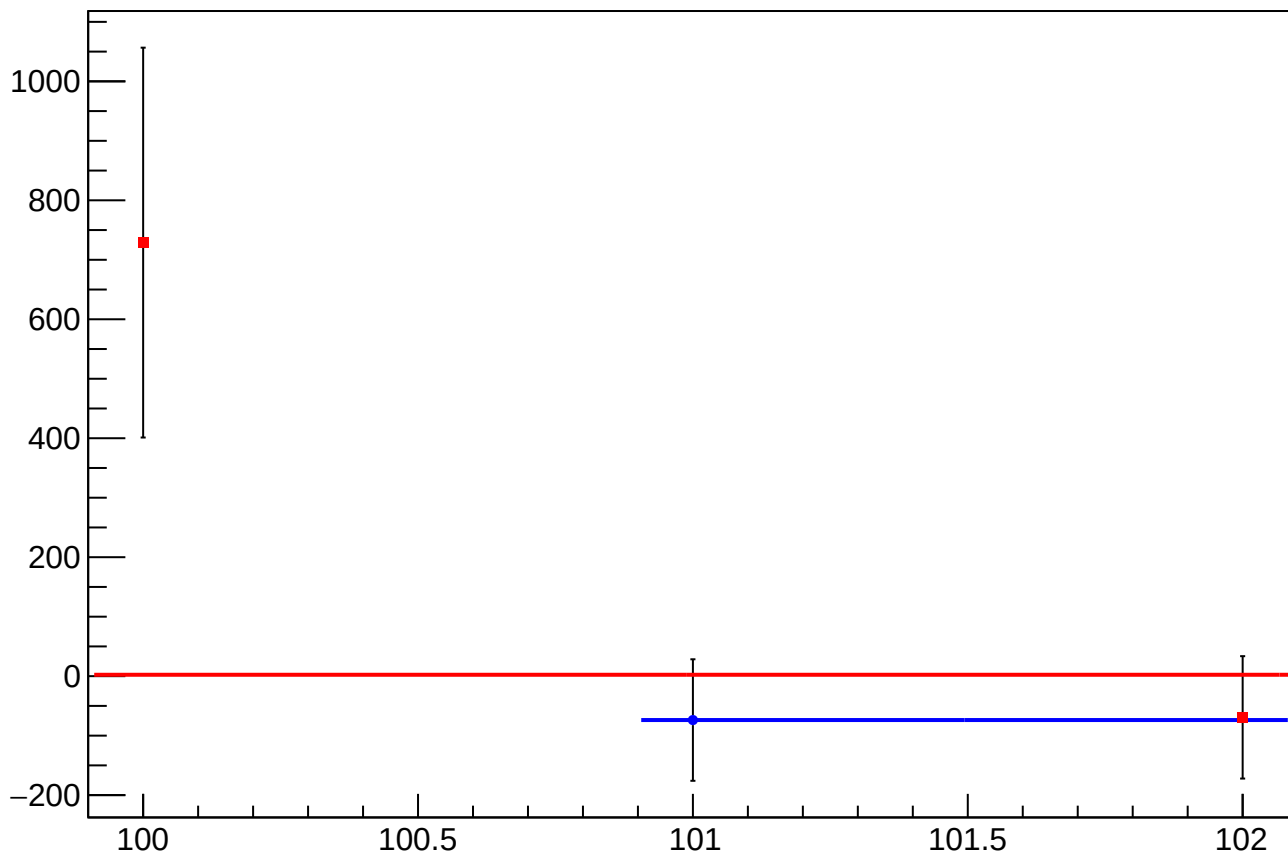
Right: 0.000+/-0.000 χ^2/NDF : 292312.9/2

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 : 292312.9/2

reg_asym_sam5_mean vs Slug, Sign Corrected



Right In: -73.771+/-102.147 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.338+/-98.159 χ^2/NDF : 5.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

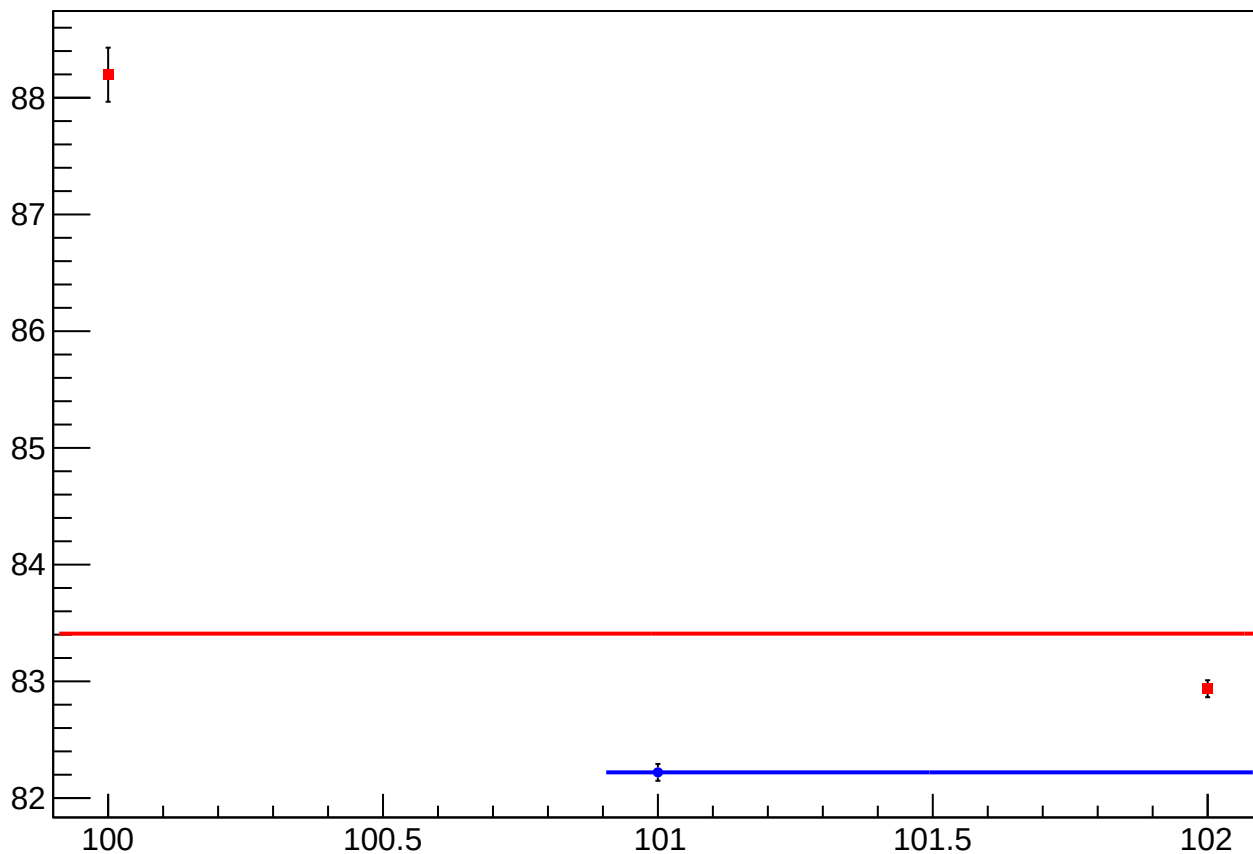
Right: -34.201+/-70.777 χ^2/NDF : 5.7/2

In: -73.771+/-102.147 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.201+/-70.777 χ^2/NDF : 5.7/2

reg_asym_sam5_rms vs Slug, Sign Corrected



Right In: 82.220 $\pm$ 0.072 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 83.409 $\pm$ 0.069 χ^2 /NDF: 469.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

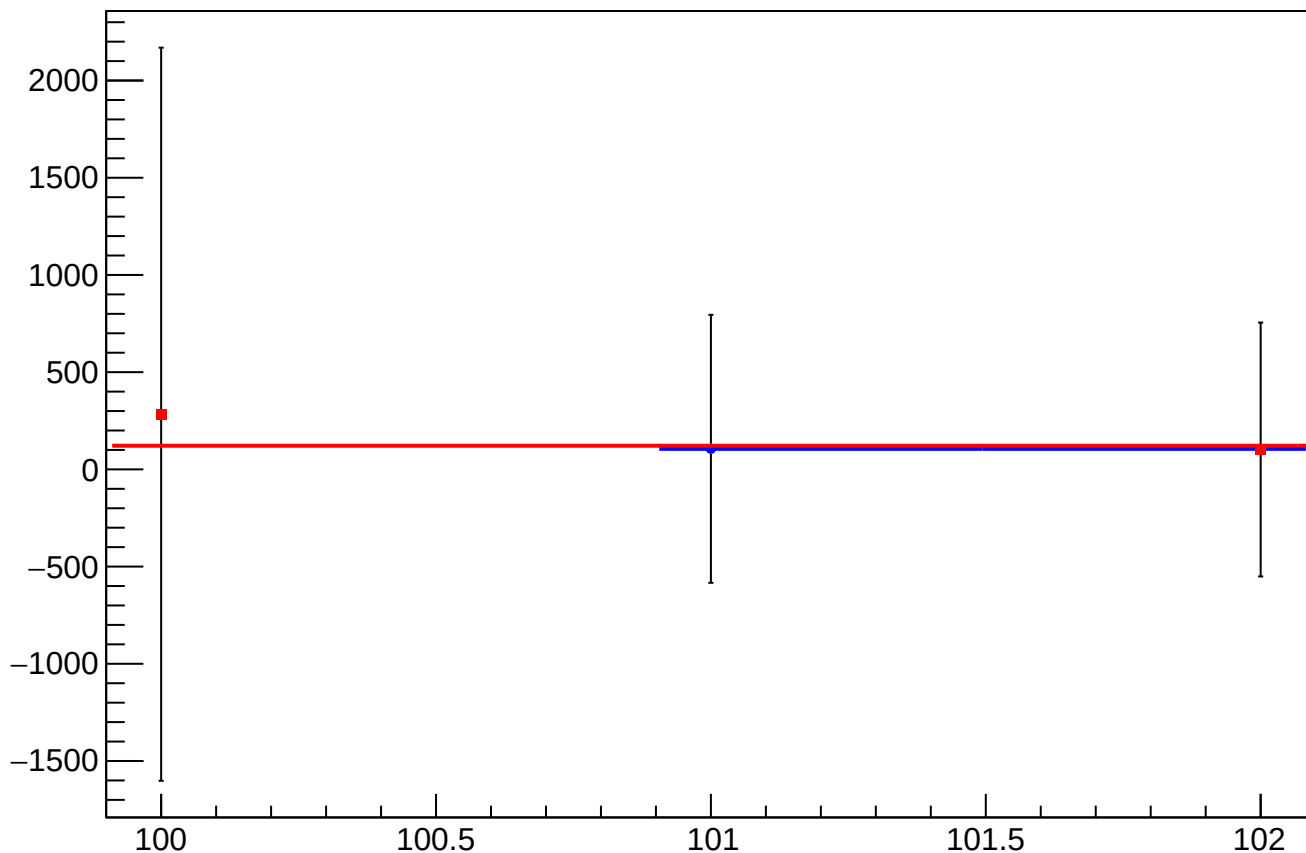
Right: 82.838 $\pm$ 0.050 χ^2 /NDF: 609.9/2

In: 82.220 $\pm$ 0.072 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 82.838 $\pm$ 0.050 χ^2 /NDF: 609.9/2

asym_sam5_reg_correction_mean vs Slug, Sign Corrected



Right In: 105.714+/-689.215 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.635+/-617.135 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

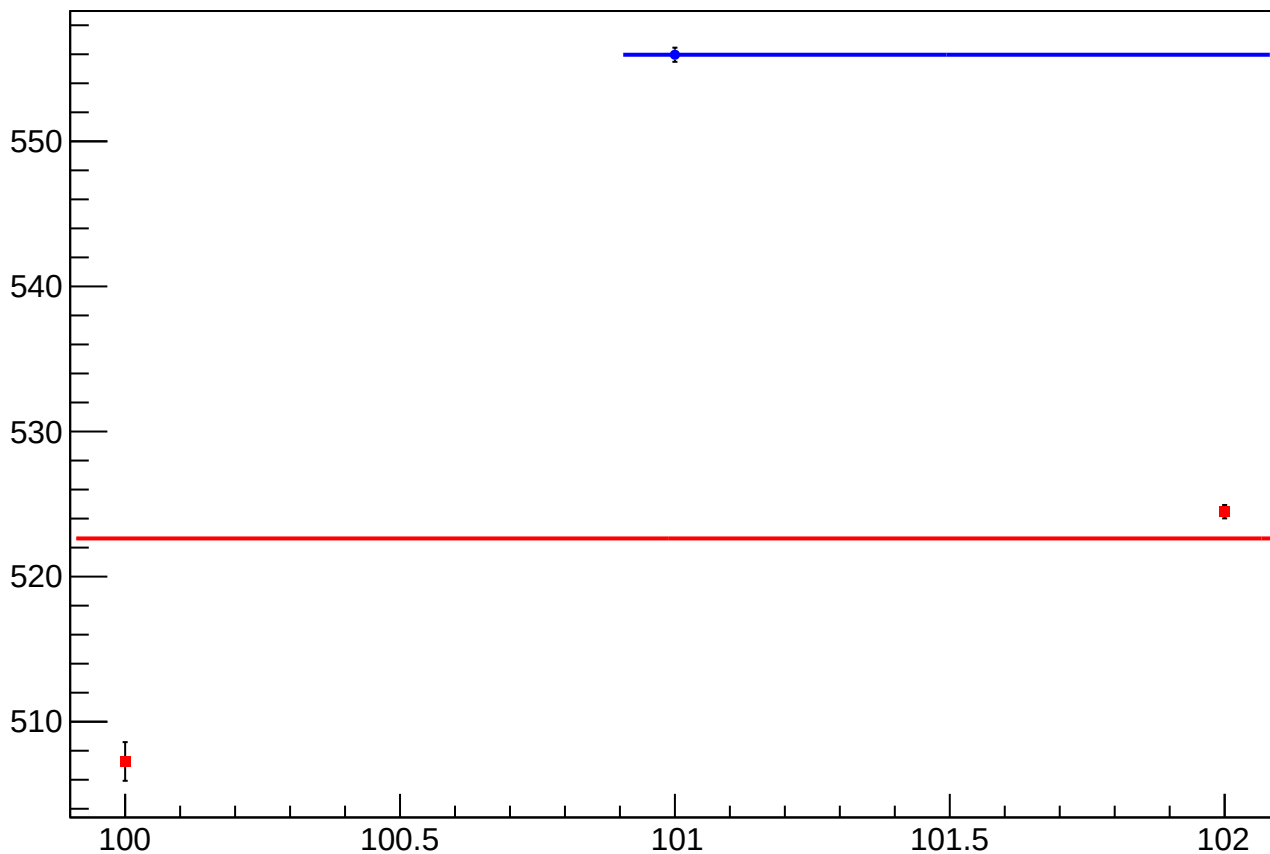
Right: 114.551+/-459.759 χ^2/NDF : 0.0/2

In: 105.714+/-689.215 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.551+/-459.759 χ^2/NDF : 0.0/2

asym_sam5_reg_correction_rms vs Slug, Sign Corrected



Right In: 555.968 $\pm$ 0.487 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 522.631 $\pm$ 0.436 χ^2 /NDF: 148.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

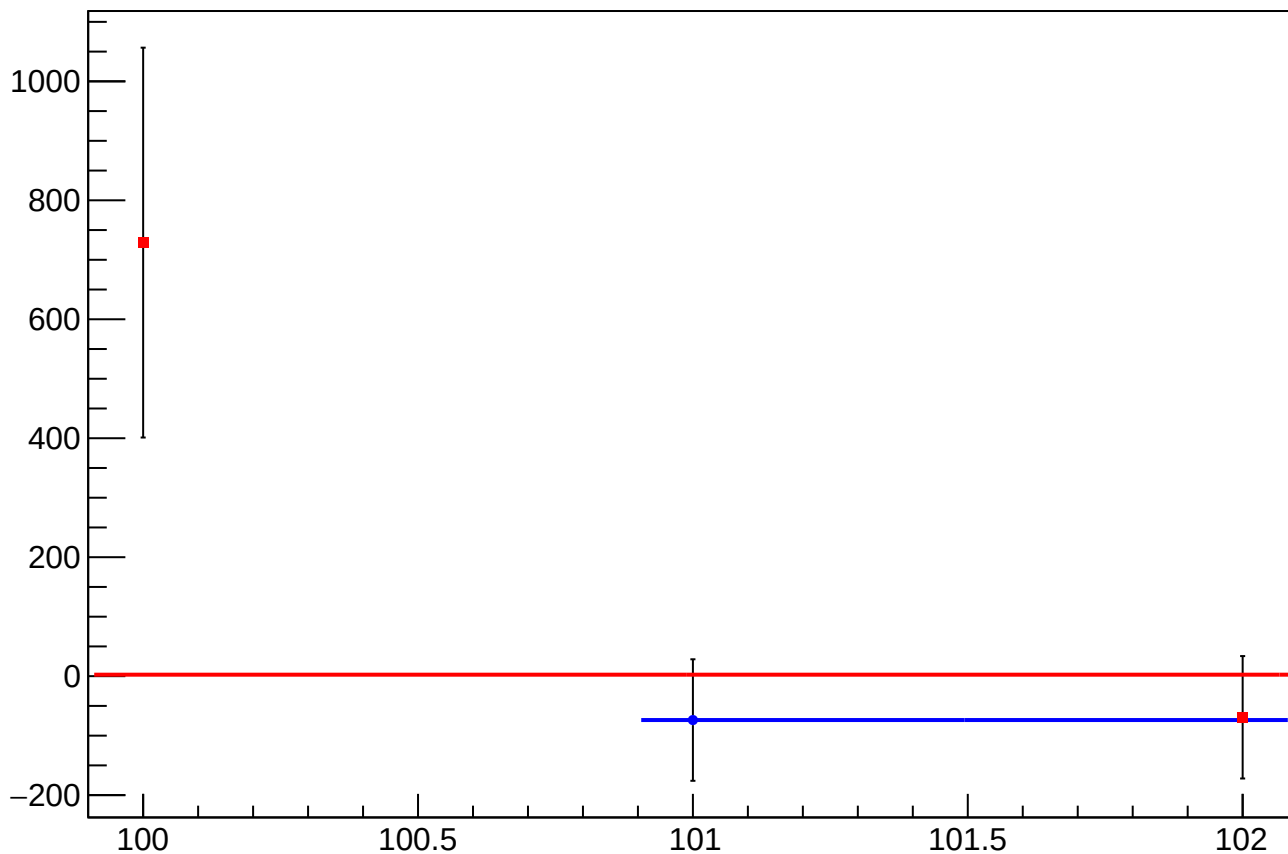
Right: 537.466 $\pm$ 0.325 χ^2 /NDF: 2745.9/2

In: 555.968 $\pm$ 0.487 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 537.466 $\pm$ 0.325 χ^2 /NDF: 2745.9/2

cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: -73.762 ± 102.147 χ^2/NDF : 0.0/0

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.487 ± 98.174 χ^2/NDF : 5.4/1

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

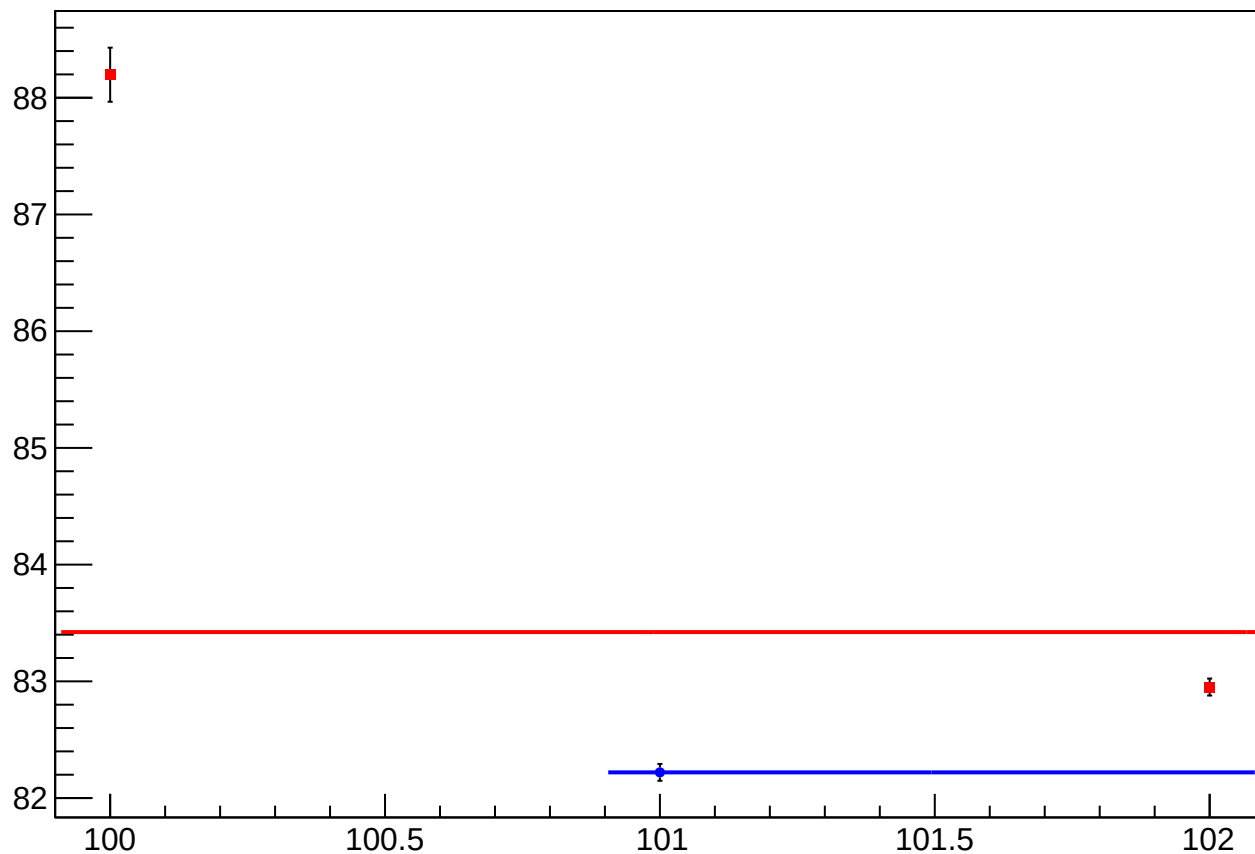
Right: -34.126 ± 70.783 χ^2/NDF : 5.7/2

In: -73.762 ± 102.147 χ^2/NDF : 0.0/0

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -34.126 ± 70.783 χ^2/NDF : 5.7/2

cor_asym_sam5_rms vs Slug, Sign Corrected



Right In: 82.220 $\pm$ 0.072 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 83.422 $\pm$ 0.069 χ^2 /NDF: 466.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

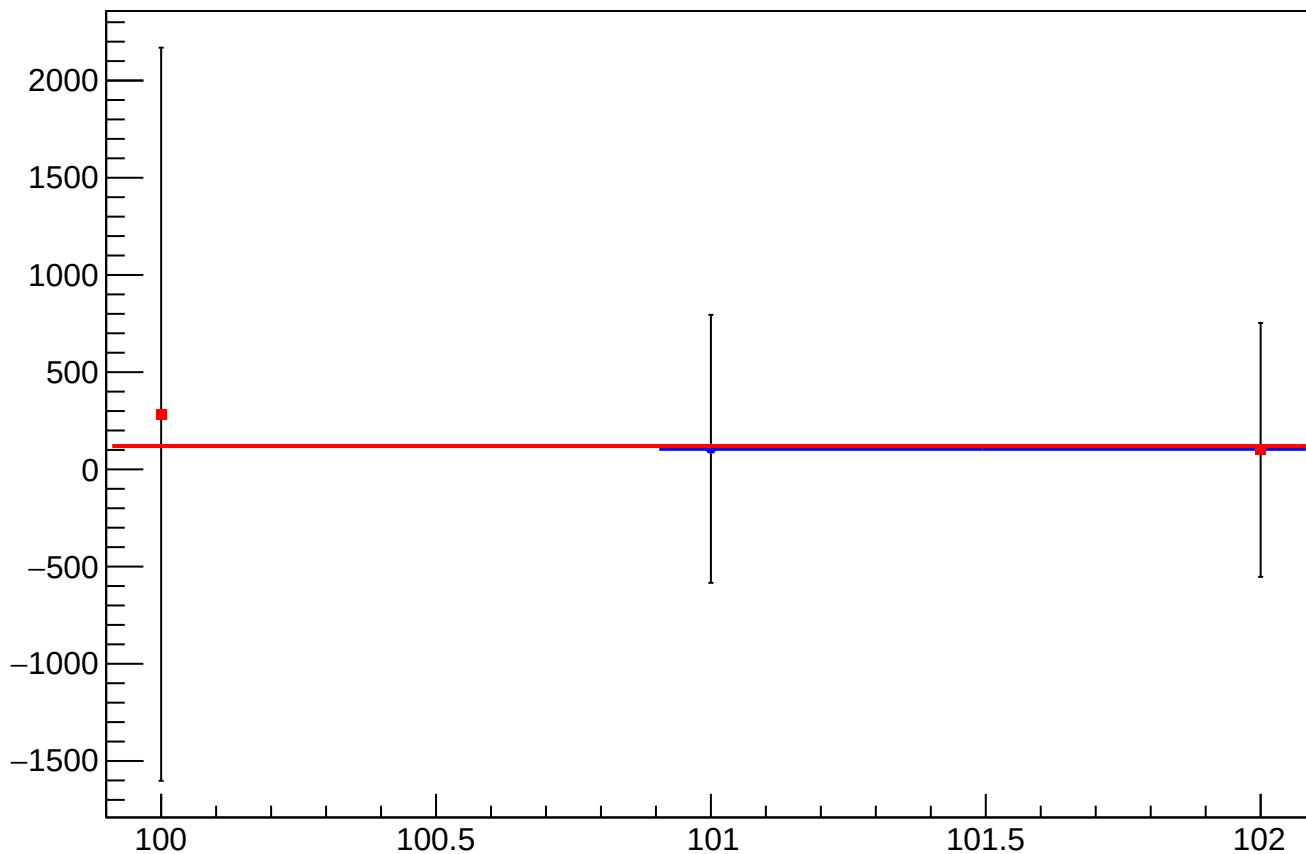
Right: 82.845 $\pm$ 0.050 χ^2 /NDF: 610.5/2

In: 82.220 $\pm$ 0.072 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 82.845 $\pm$ 0.050 χ^2 /NDF: 610.5/2

asym_sam5_cor_correction_mean vs Slug, Sign Corrected



Right In: 105.718+/-689.216 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.001+/-617.161 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

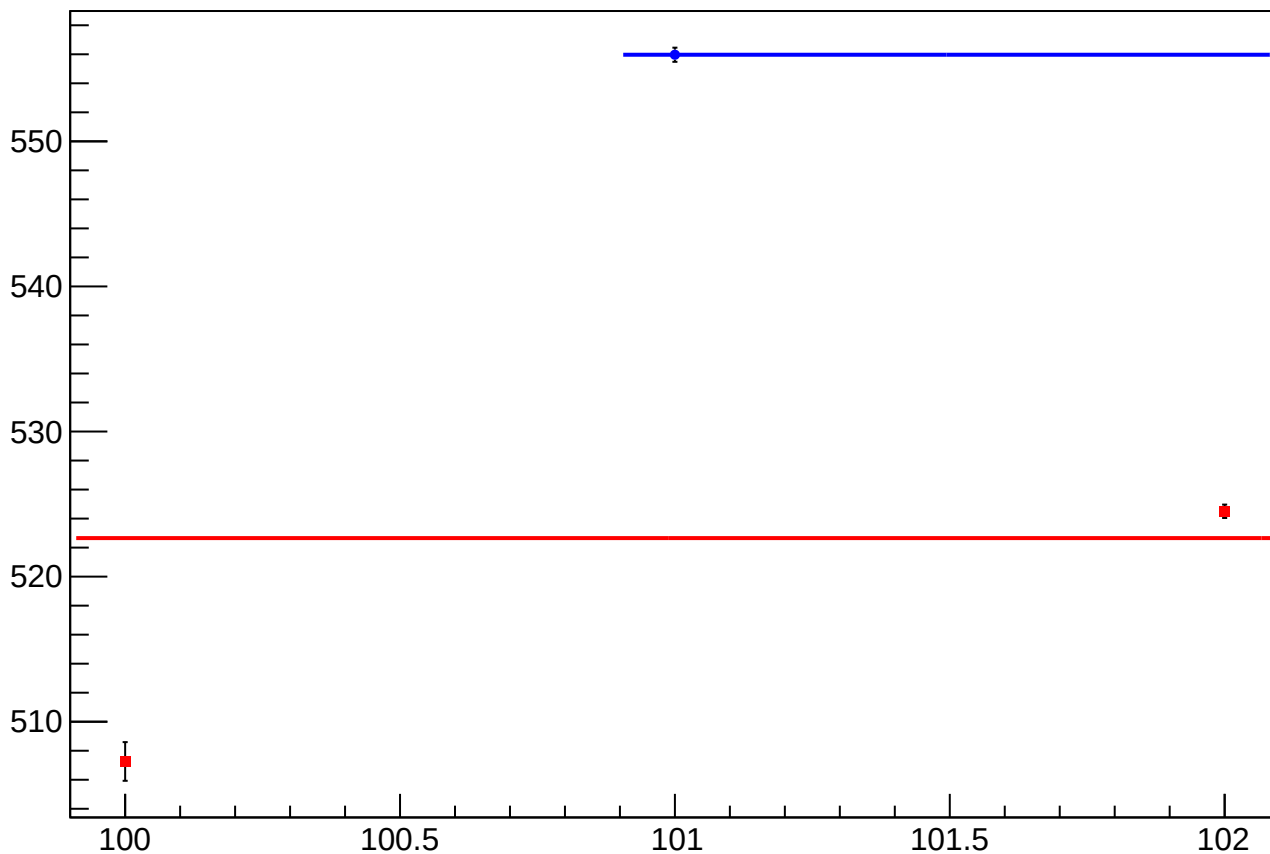
Right: 113.645+/-459.770 χ^2/NDF : 0.0/2

In: 105.718+/-689.216 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.645+/-459.770 χ^2/NDF : 0.0/2

asym_sam5_cor_correction_rms vs Slug, Sign Corrected



Right In: 555.969 +/- 0.487 χ^2/NDF : 0.0/0

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 522.655 +/- 0.436 χ^2/NDF : 149.3/1

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

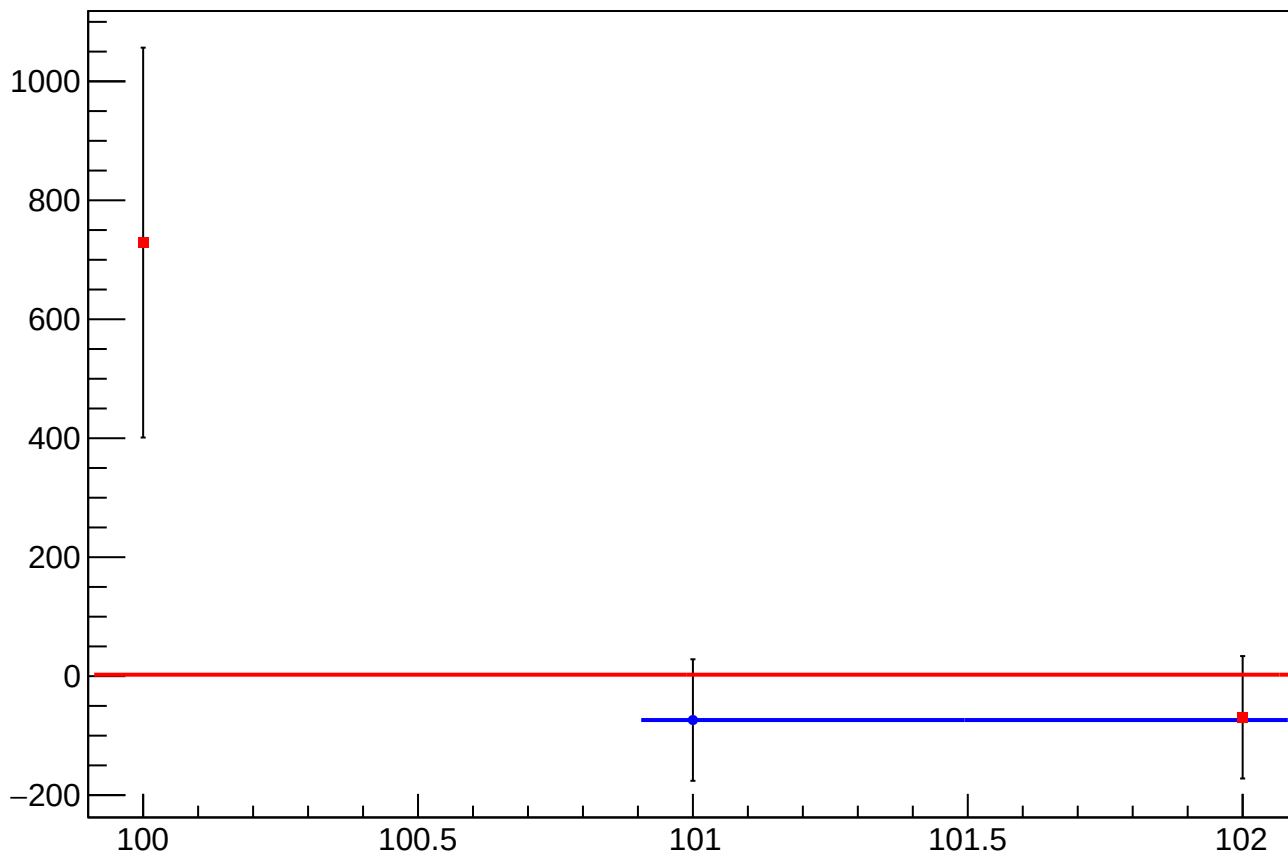
Right: 537.480 +/- 0.325 χ^2/NDF : 2742.5/2

In: 555.969 +/- 0.487 χ^2/NDF : 0.0/0

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 537.480 +/- 0.325 χ^2/NDF : 2742.5/2

eigen_cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: -73.762+/-102.147 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.487+/-98.174 χ^2/NDF : 5.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

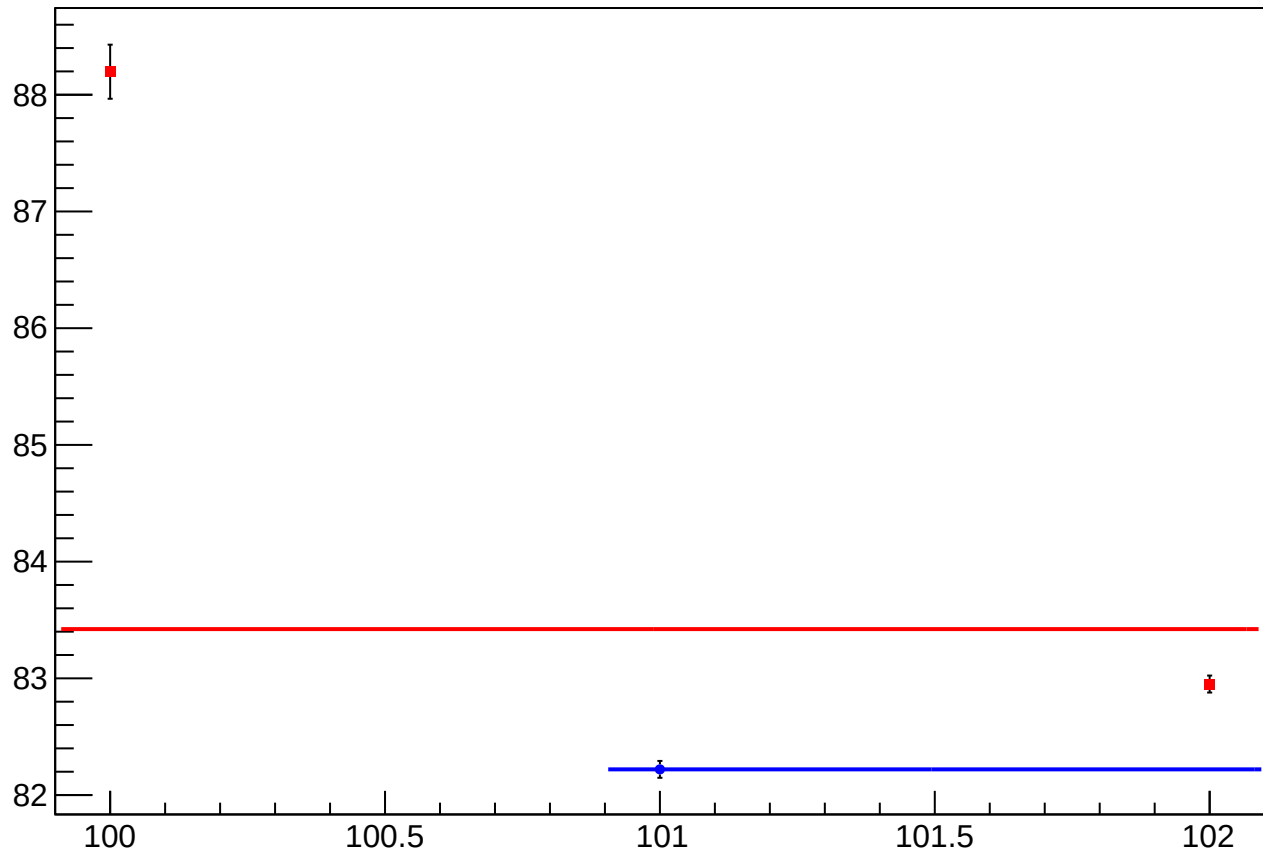
Right: -34.126+/-70.783 χ^2/NDF : 5.7/2

In: -73.762+/-102.147 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.126+/-70.783 χ^2/NDF : 5.7/2

eigen_cor_asym_sam5_rms vs Slug, Sign Corrected



Right In: 82.220 $\pm$ 0.072 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 83.422 $\pm$ 0.069 χ^2 /NDF: 466.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

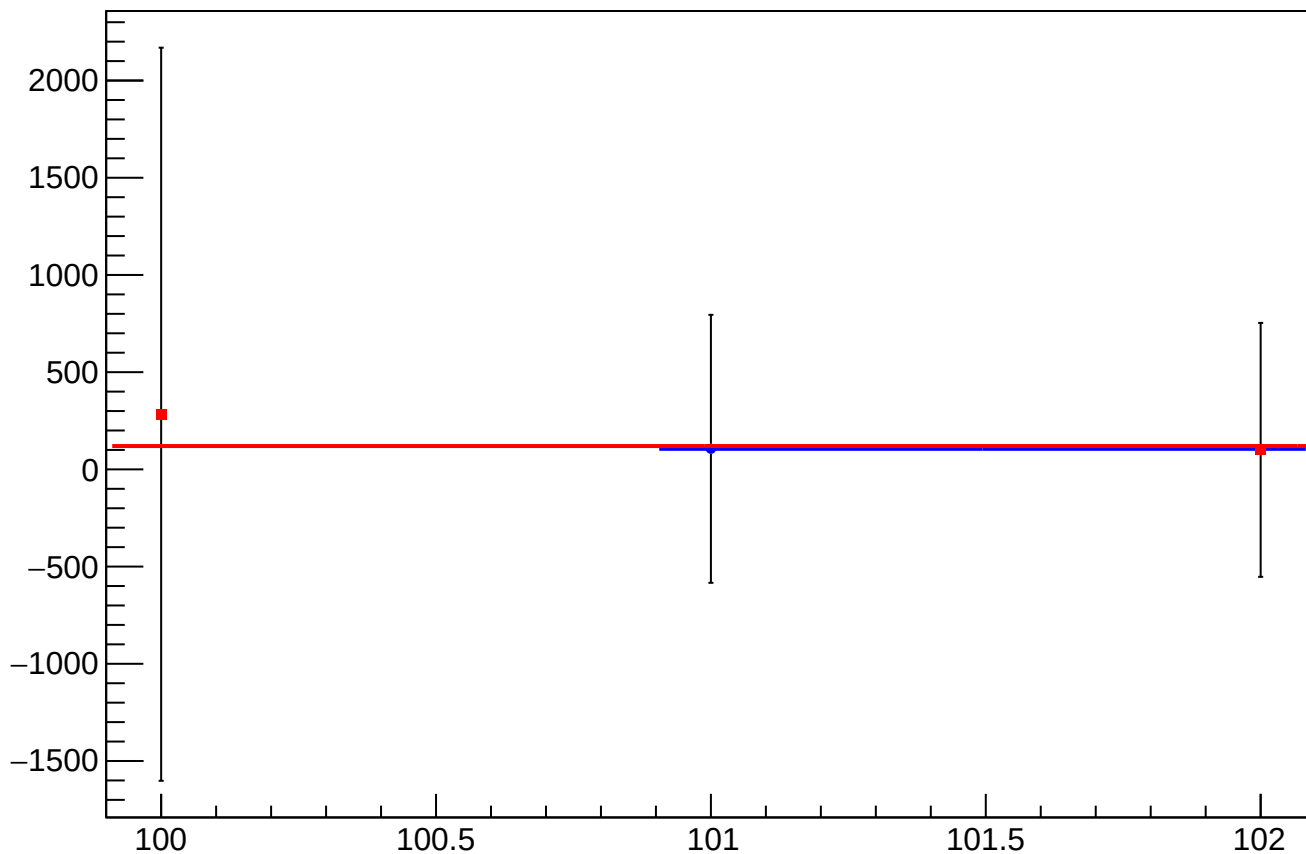
Right: 82.845 $\pm$ 0.050 χ^2 /NDF: 610.5/2

In: 82.220 $\pm$ 0.072 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 82.845 $\pm$ 0.050 χ^2 /NDF: 610.5/2

asym_sam5_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 105.718+/-689.216 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.001+/-617.161 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

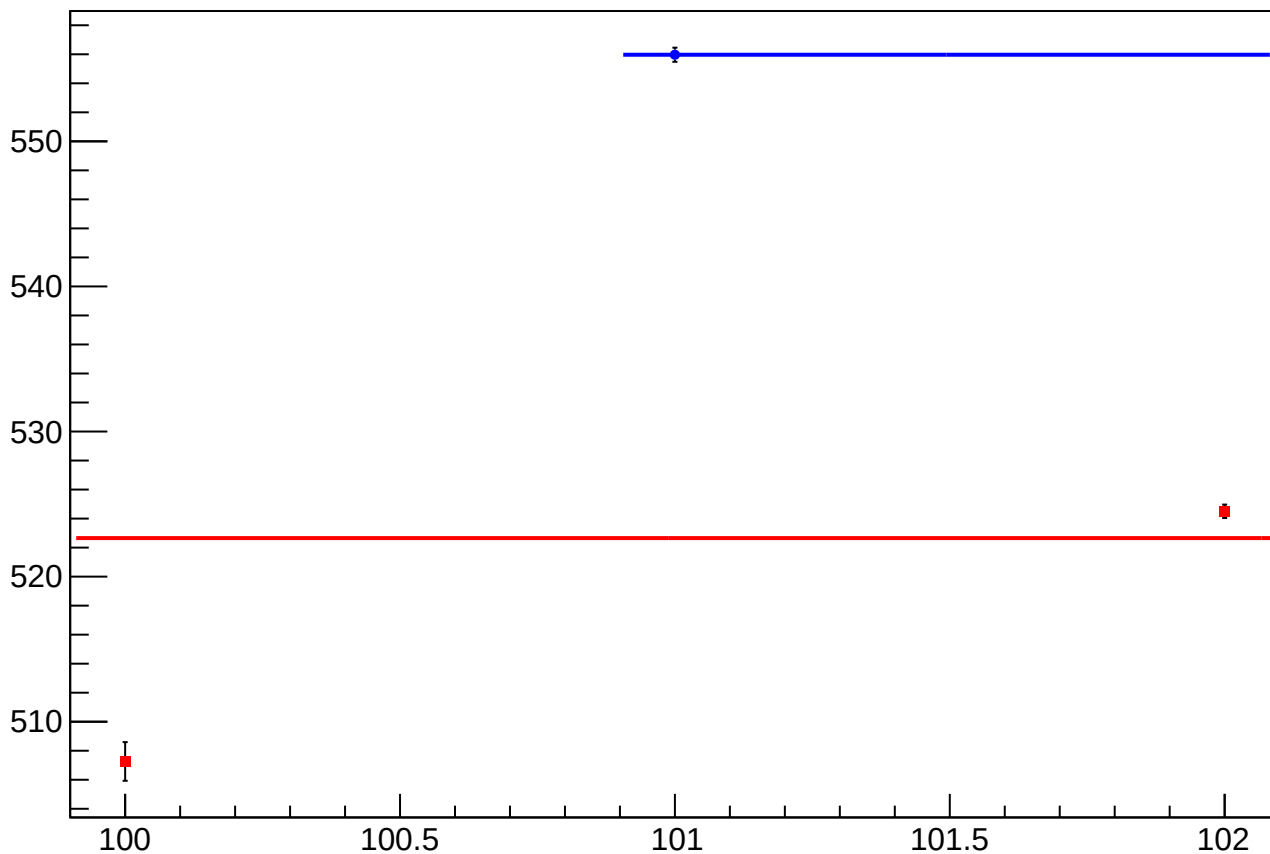
Right: 113.645+/-459.770 χ^2/NDF : 0.0/2

In: 105.718+/-689.216 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.645+/-459.770 χ^2/NDF : 0.0/2

asym_sam5_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 555.969 $\pm$ 0.487 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 522.655 $\pm$ 0.436 χ^2 /NDF: 149.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

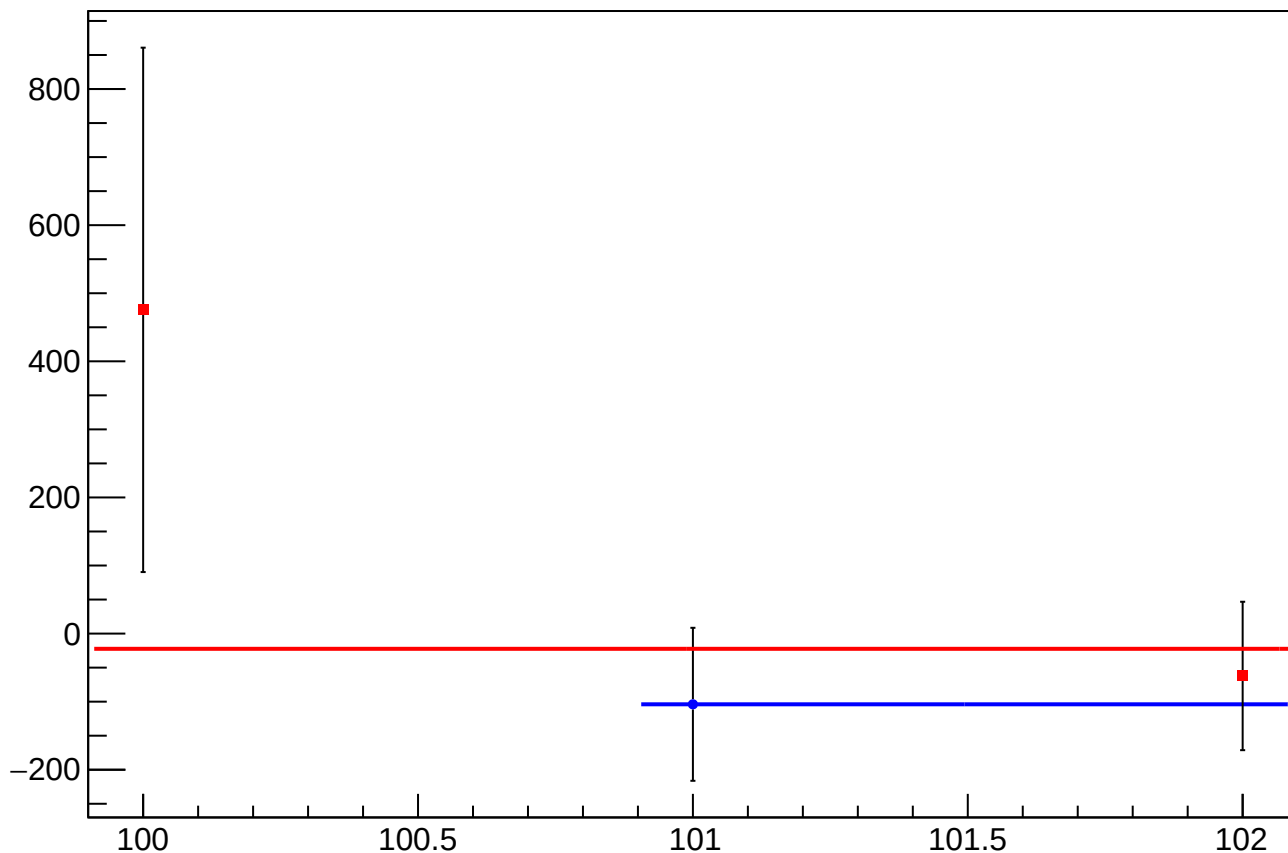
Right: 537.480 $\pm$ 0.325 χ^2 /NDF: 2742.5/2

In: 555.969 $\pm$ 0.487 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 537.480 $\pm$ 0.325 χ^2 /NDF: 2742.5/2

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: -103.884 ± 112.376 χ^2/NDF : 0.0/0

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -22.365 ± 104.893 χ^2/NDF : 1.8/1

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

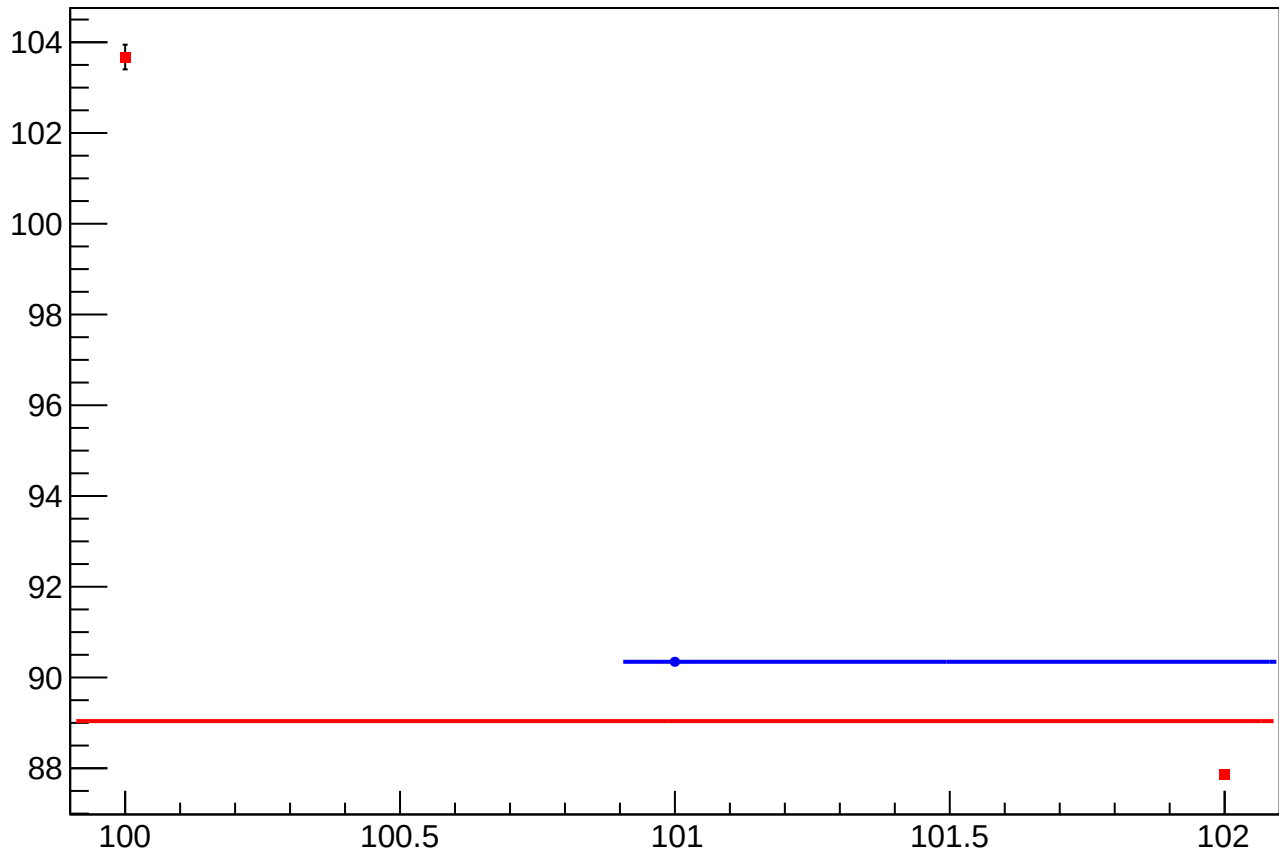
Right: -60.320 ± 76.680 χ^2/NDF : 2.1/2

In: -103.884 ± 112.376 χ^2/NDF : 0.0/0

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -60.320 ± 76.680 χ^2/NDF : 2.1/2

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 90.346+/-0.079 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.039+/-0.074 χ^2/NDF : 3118.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

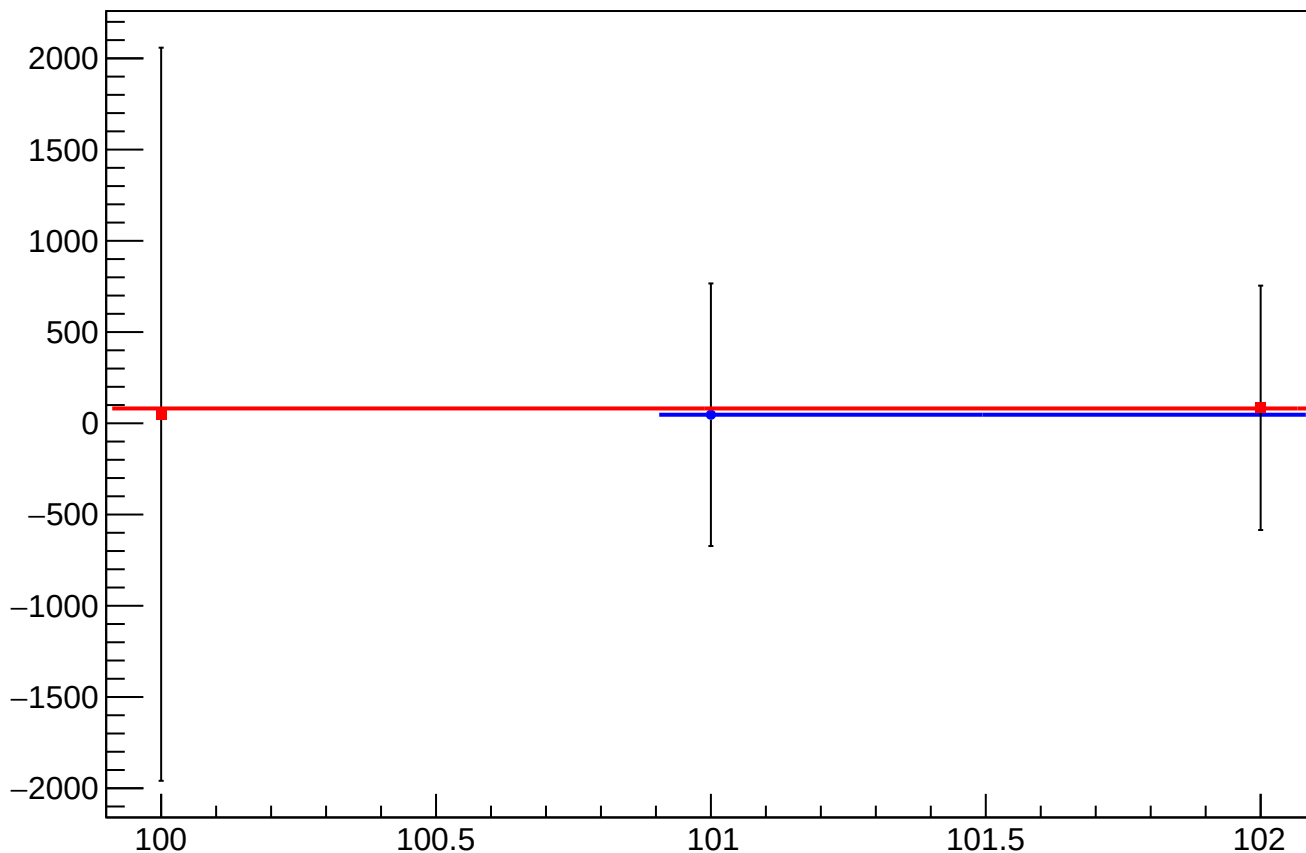
Right: 89.648+/-0.054 χ^2/NDF : 3263.3/2

In: 90.346+/-0.079 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.648+/-0.054 χ^2/NDF : 3263.3/2

asym_sam5_dit_correction_mean vs Slug, Sign Corrected



Right In: 46.982+/-719.523 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.290+/-635.251 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

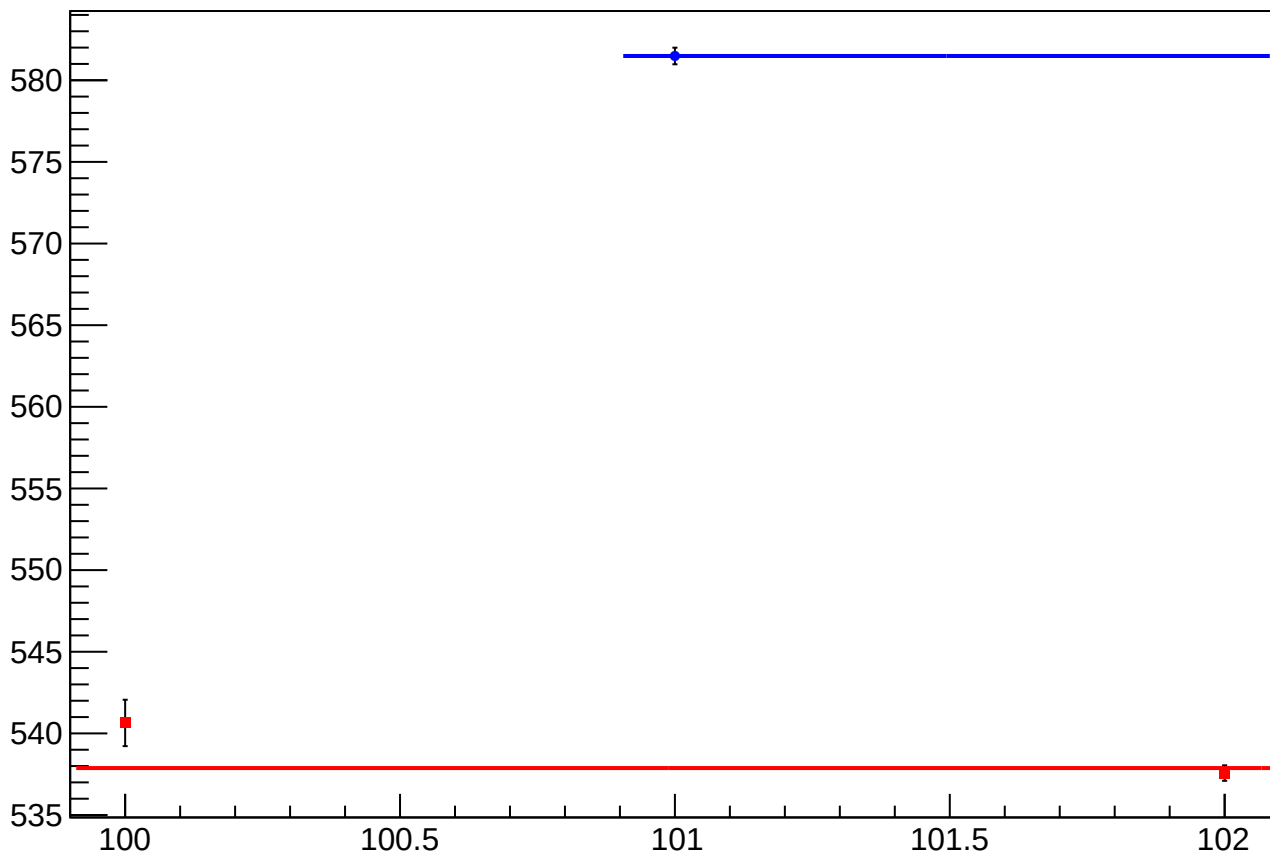
Right: 66.262+/-476.211 χ^2/NDF : 0.0/2

In: 46.982+/-719.523 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.262+/-476.211 χ^2/NDF : 0.0/2

asym_sam5_dit_correction_rms vs Slug, Sign Corrected



Right In: 581.487+/-0.509 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 537.878+/-0.449 χ^2/NDF : 4.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

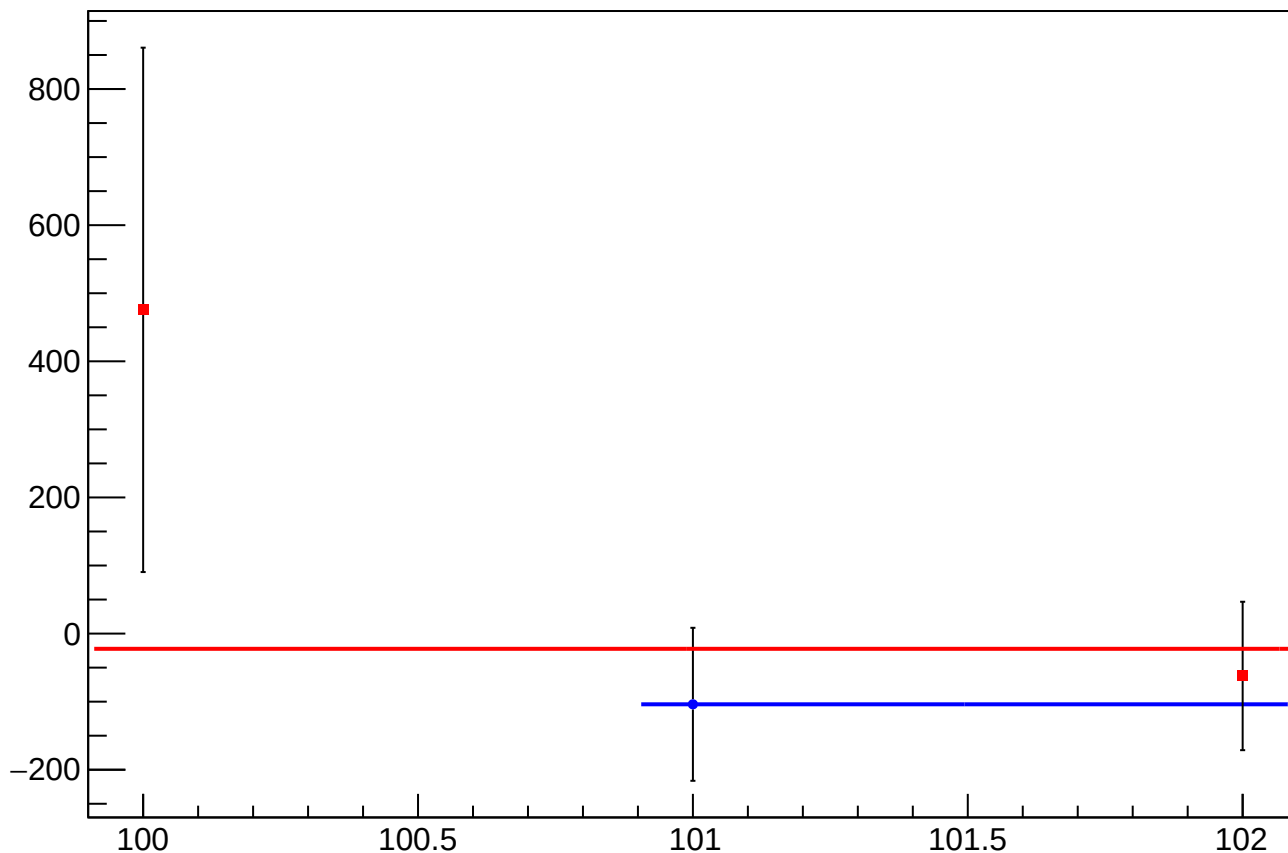
Right: 556.980+/-0.337 χ^2/NDF : 4132.8/2

In: 581.487+/-0.509 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 556.980+/-0.337 χ^2/NDF : 4132.8/2

eigen_dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: -103.886+/-112.375 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -22.364+/-104.893 χ^2/NDF : 1.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

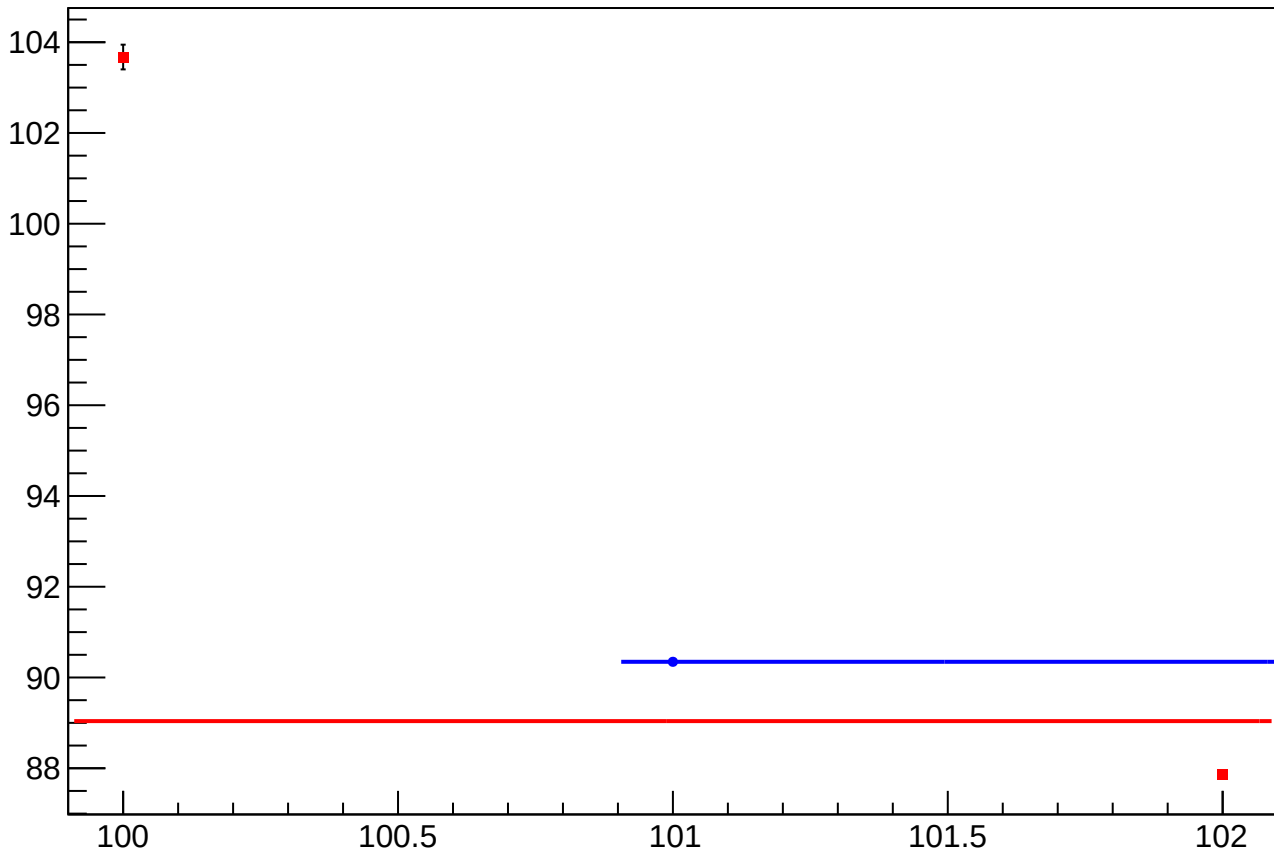
Right: -60.321+/-76.679 χ^2/NDF : 2.1/2

In: -103.886+/-112.375 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -60.321+/-76.679 χ^2/NDF : 2.1/2

eigen_dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 90.346 $\pm$ 0.079 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 89.039 $\pm$ 0.074 χ^2 /NDF: 3118.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

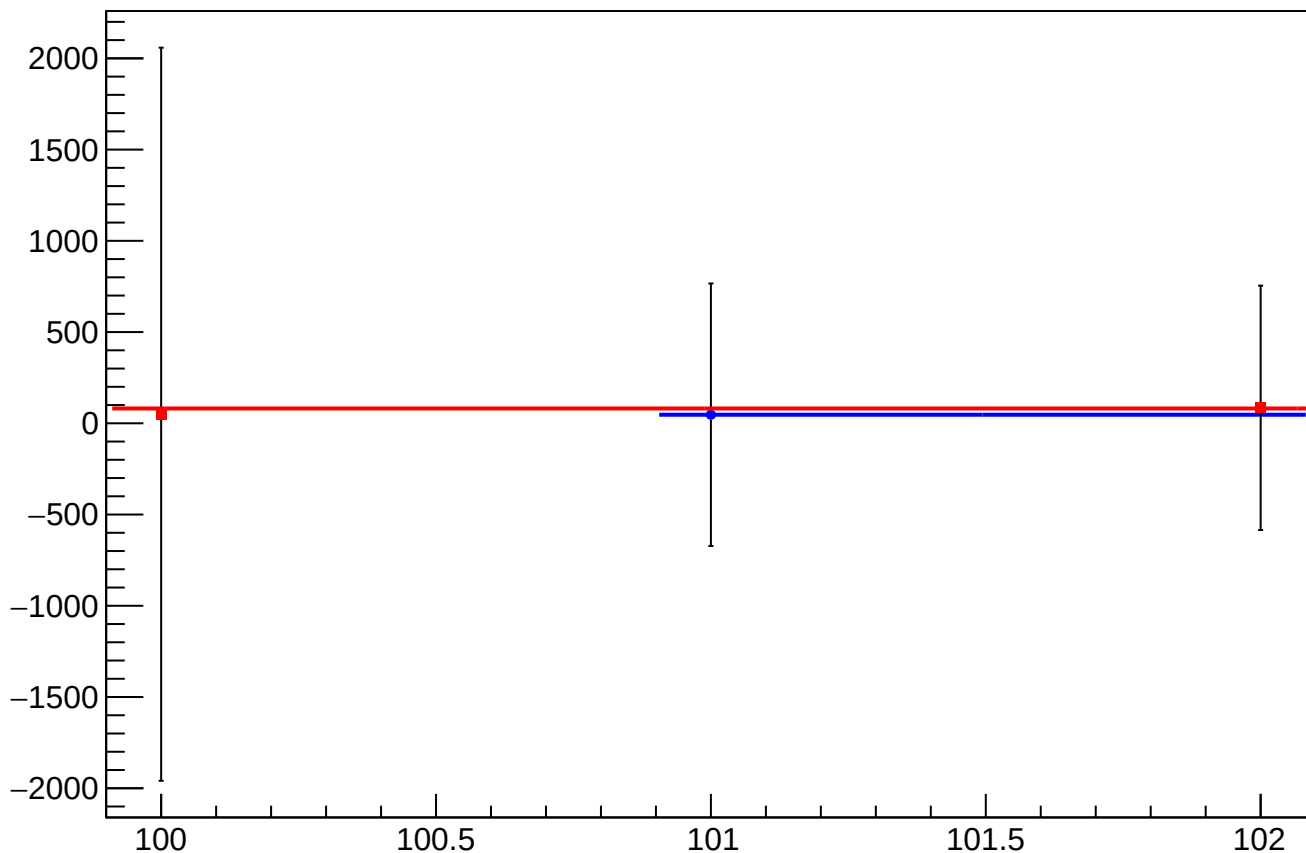
Right: 89.647 $\pm$ 0.054 χ^2 /NDF: 3263.0/2

In: 90.346 $\pm$ 0.079 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 89.647 $\pm$ 0.054 χ^2 /NDF: 3263.0/2

asym_sam5_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 46.981+/-719.521 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.290+/-635.251 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

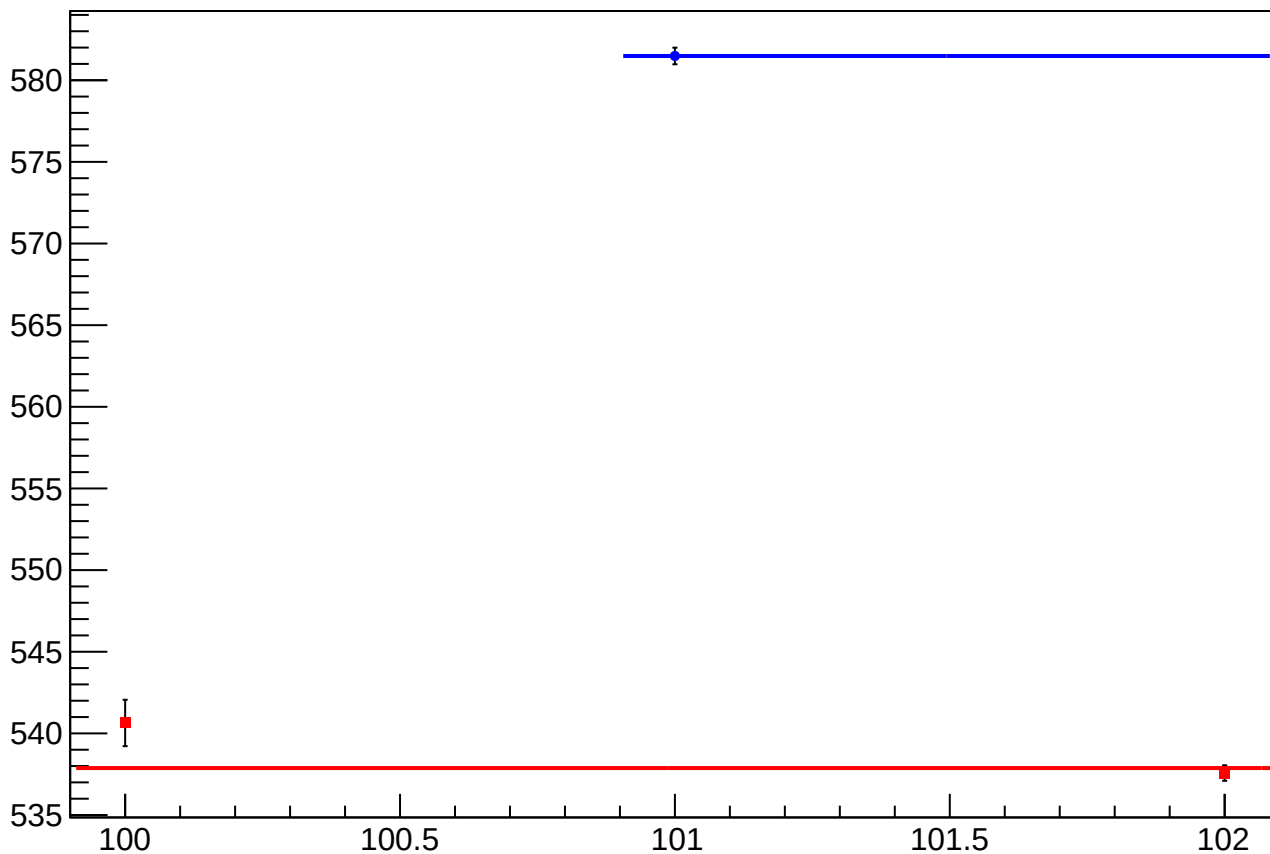
Right: 66.261+/-476.211 χ^2/NDF : 0.0/2

In: 46.981+/-719.521 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.261+/-476.211 χ^2/NDF : 0.0/2

asym_sam5_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 581.486+/-0.509 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 537.877+/-0.449 χ^2/NDF : 4.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

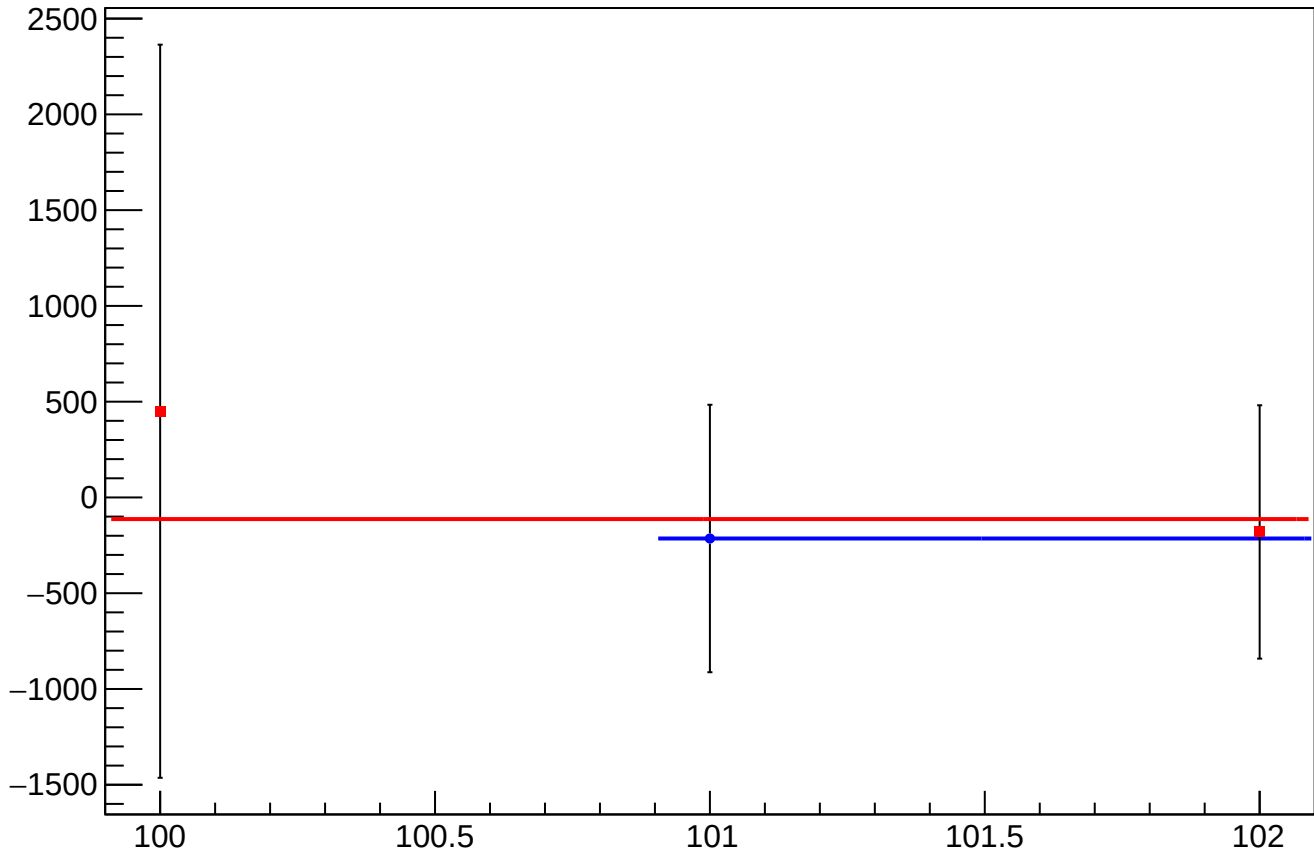
Right: 556.979+/-0.337 χ^2/NDF : 4132.7/2

In: 581.486+/-0.509 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 556.979+/-0.337 χ^2/NDF : 4132.7/2

asym_sam5_mean vs Slug, Sign Corrected



Right In: -214.352+/-698.187 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -112.934+/-625.089 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

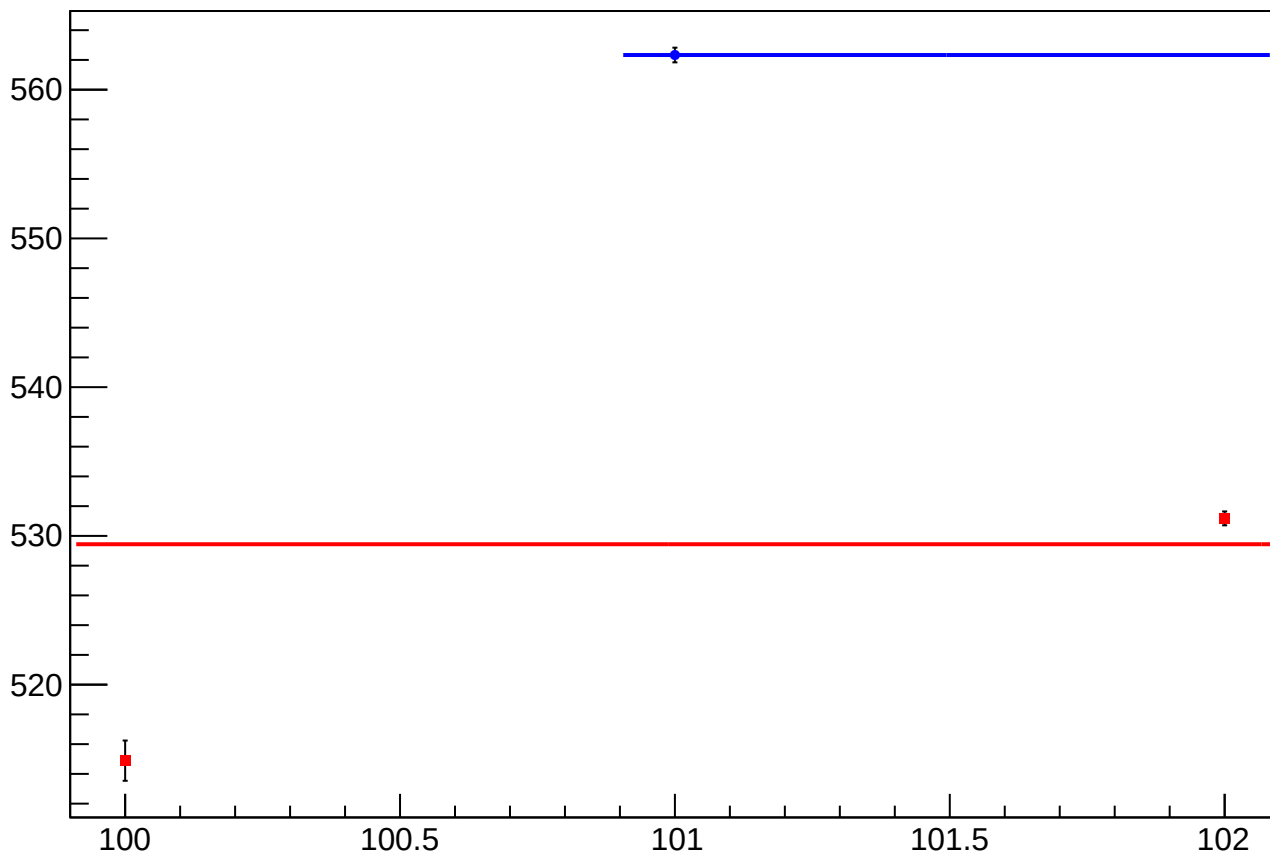
Right: -158.058+/-465.711 χ^2/NDF : 0.1/2

In: -214.352+/-698.187 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -158.058+/-465.711 χ^2/NDF : 0.1/2

asym_sam5_rms vs Slug, Sign Corrected



Right In: 562.330 +/- 0.494 χ^2/NDF : 0.0/0

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 529.440 +/- 0.442 χ^2/NDF : 129.4/1

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

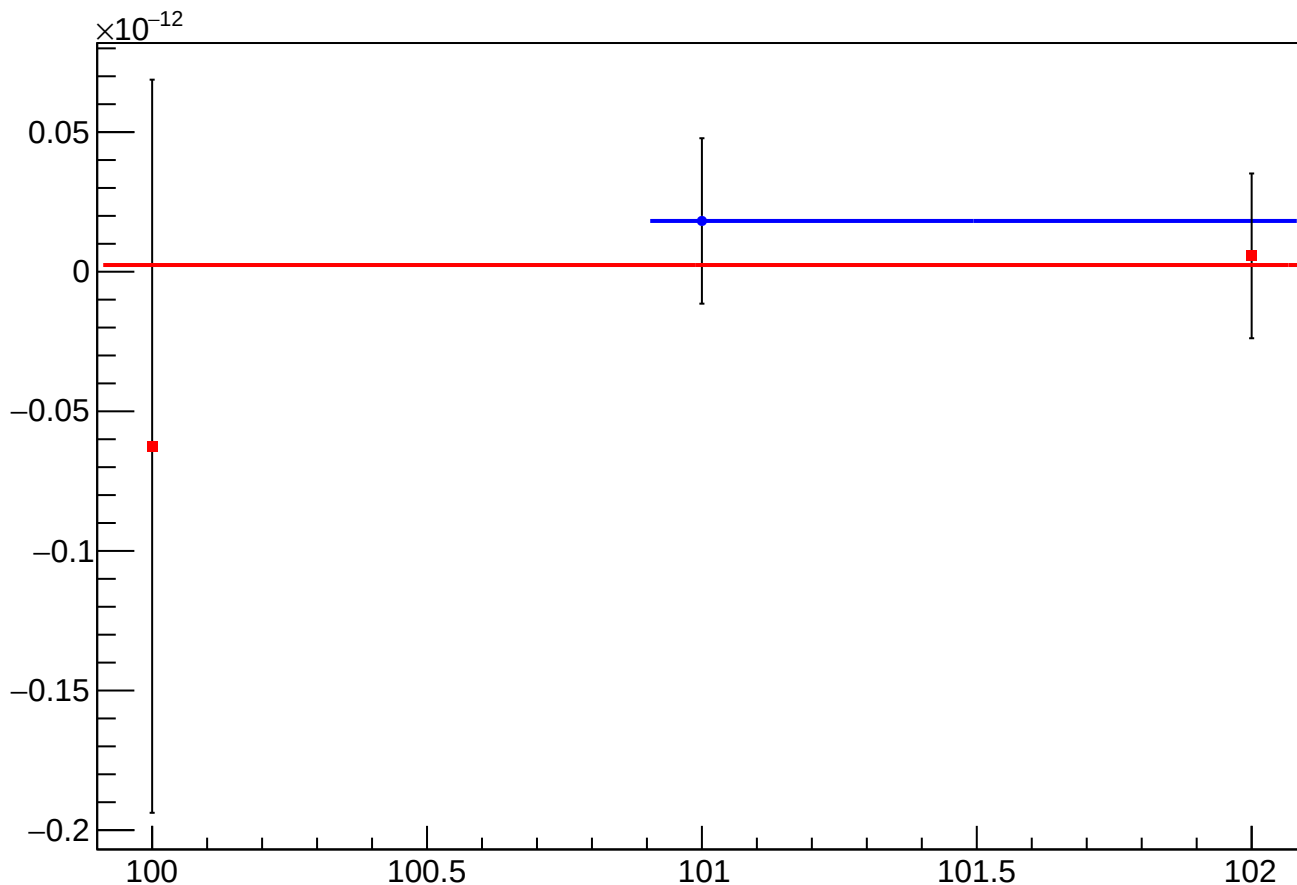
Right: 544.074 +/- 0.329 χ^2/NDF : 2593.0/2

In: 562.330 +/- 0.494 χ^2/NDF : 0.0/0

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 544.074 +/- 0.329 χ^2/NDF : 2593.0/2

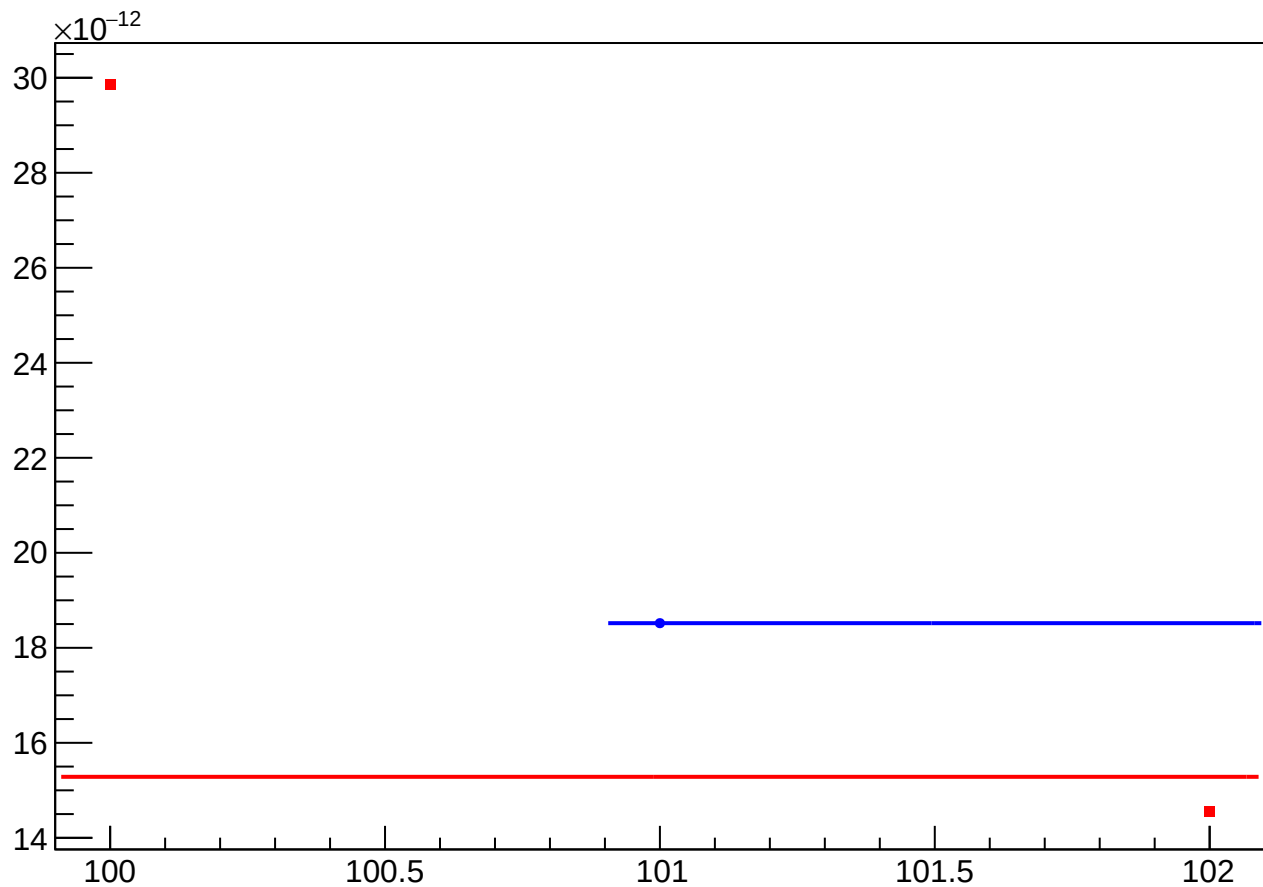
asym_sam5_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 0.3/1
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 0.4/2
 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 : 0.4/2

asym_sam5_reg_vs_cor_diff_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 : 25922.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

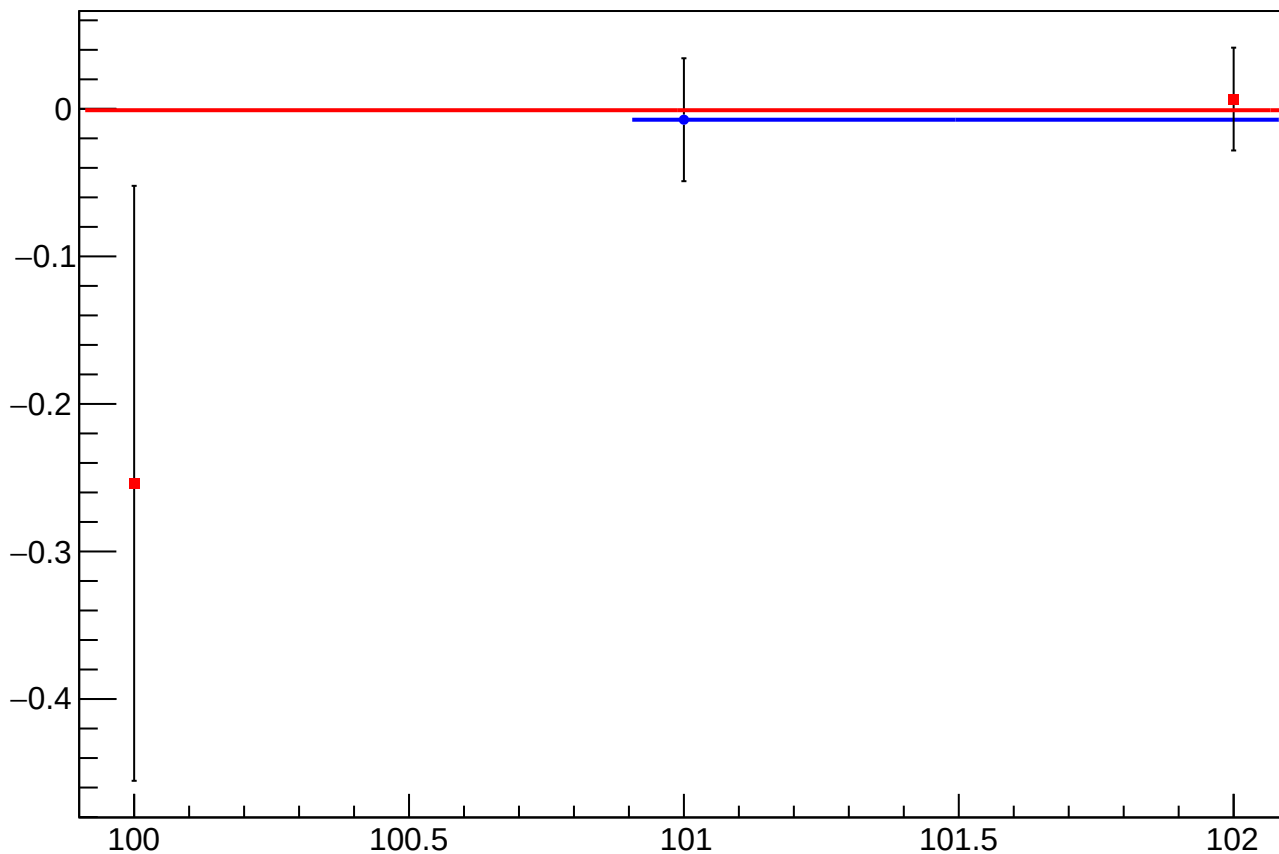
Right: 0.000+/-0.000 χ^2/NDF : 38183.2/2

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 : 38183.2/2

asym_sam5_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 +/- 0.042 χ^2/NDF : 0.0/0

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -0.001 +/- 0.034 χ^2/NDF : 1.6/1

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

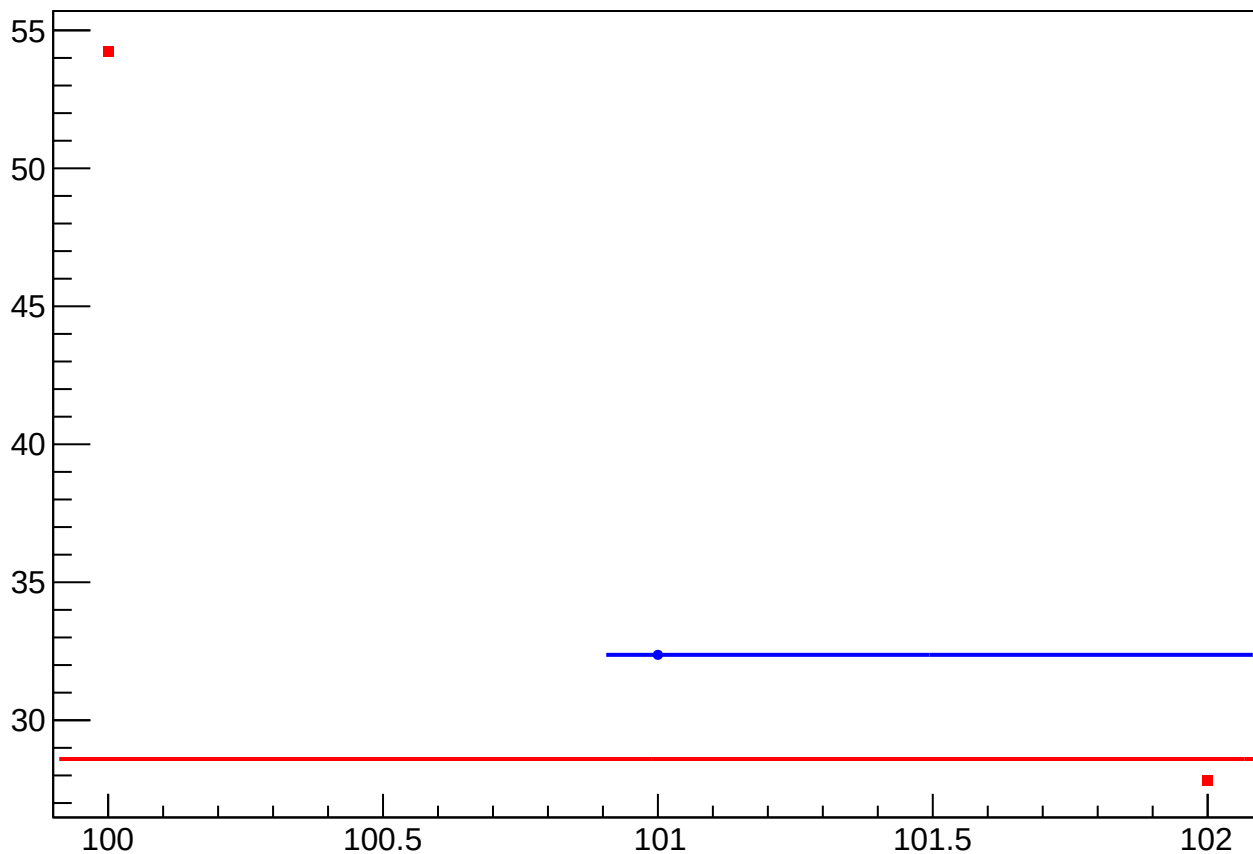
Right: -0.004 +/- 0.026 χ^2/NDF : 1.6/2

In: -0.007 +/- 0.042 χ^2/NDF : 0.0/0

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -0.004 +/- 0.026 χ^2/NDF : 1.6/2

asym_sam5_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.370 $\pm$ 0.029 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 28.596 $\pm$ 0.024 χ^2 /NDF: 33291.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

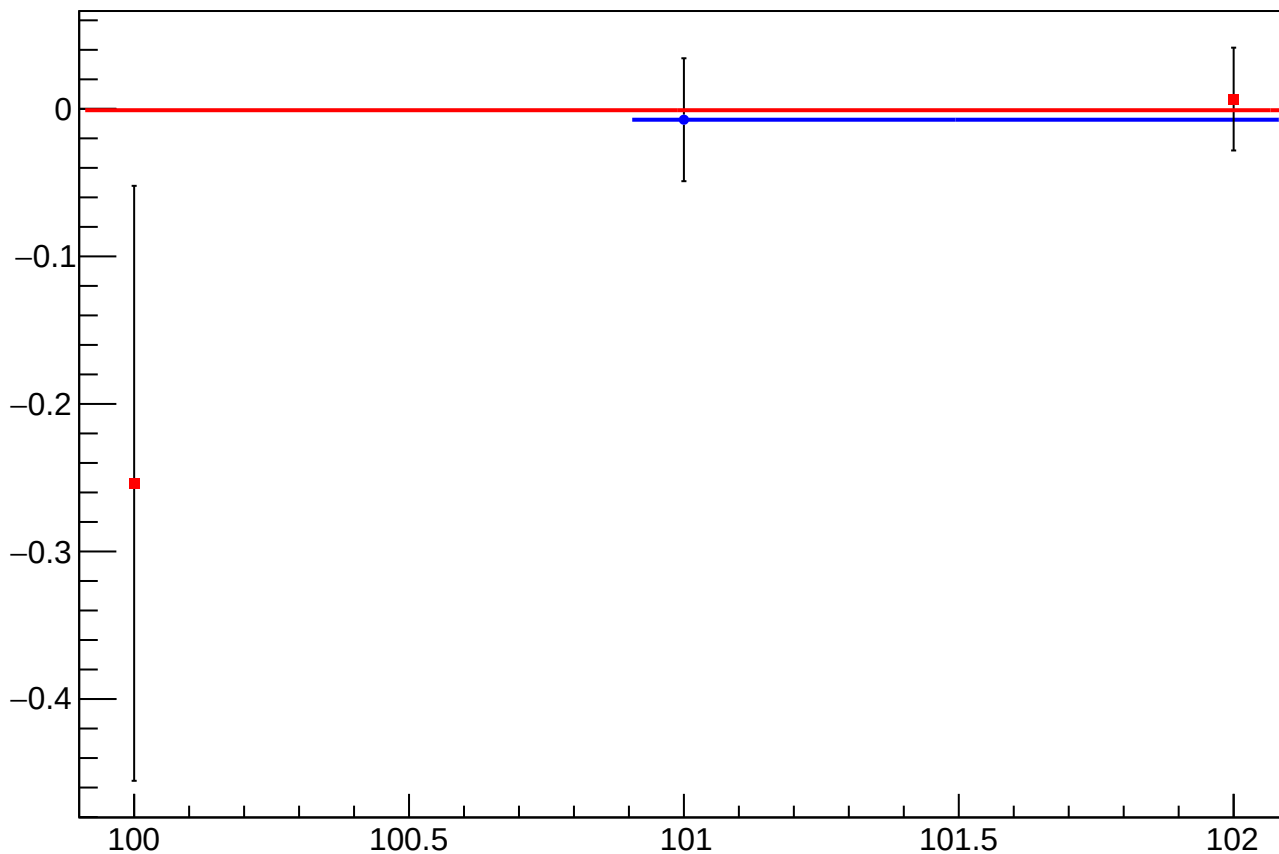
Right: 30.122 $\pm$ 0.019 χ^2 /NDF: 43069.9/2

In: 32.370 $\pm$ 0.029 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.122 $\pm$ 0.019 χ^2 /NDF: 43069.9/2

asym_sam5_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.042 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.001 $\pm$ 0.034 χ^2 /NDF: 1.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

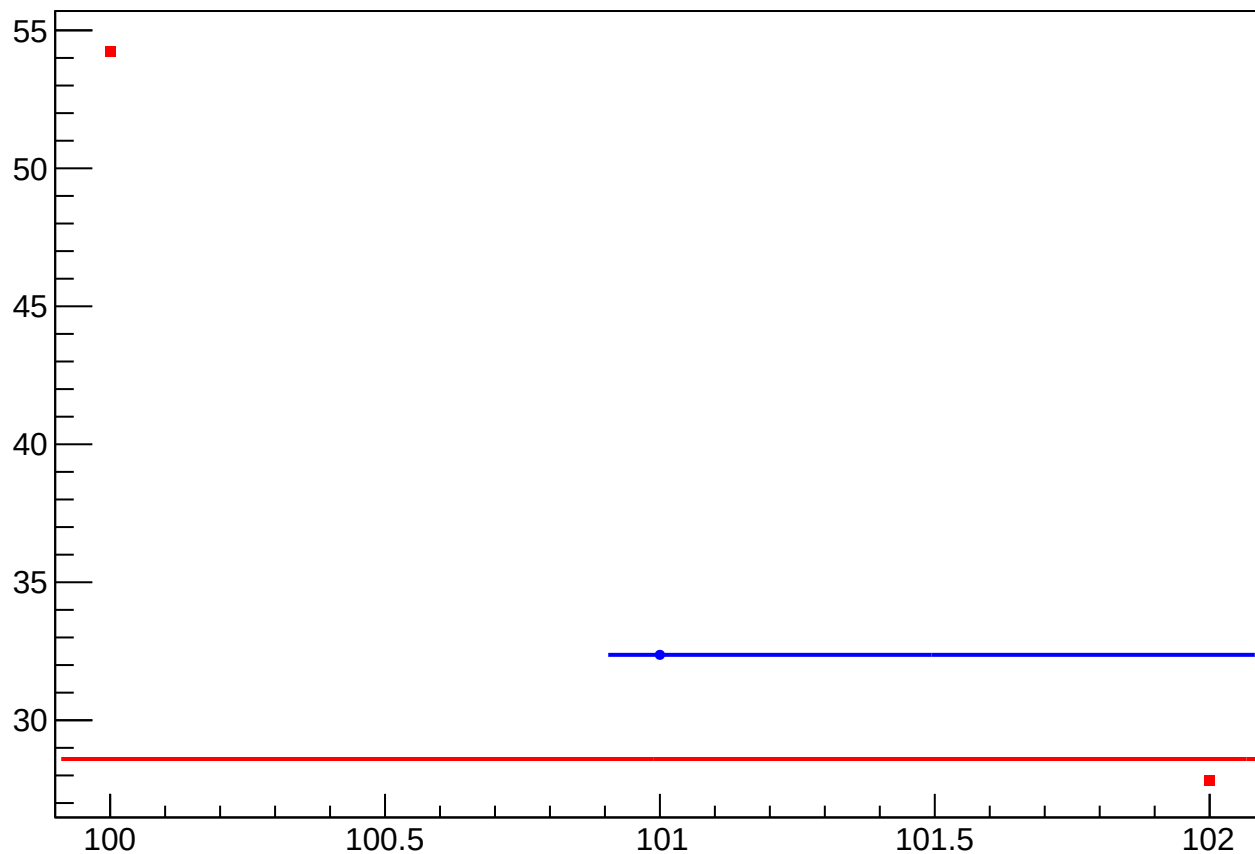
Right: -0.004 $\pm$ 0.026 χ^2 /NDF: 1.6/2

In: -0.007 $\pm$ 0.042 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.026 χ^2 /NDF: 1.6/2

asym_sam5_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.370 $\pm$ 0.029 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 28.596 $\pm$ 0.024 χ^2 /NDF: 33291.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

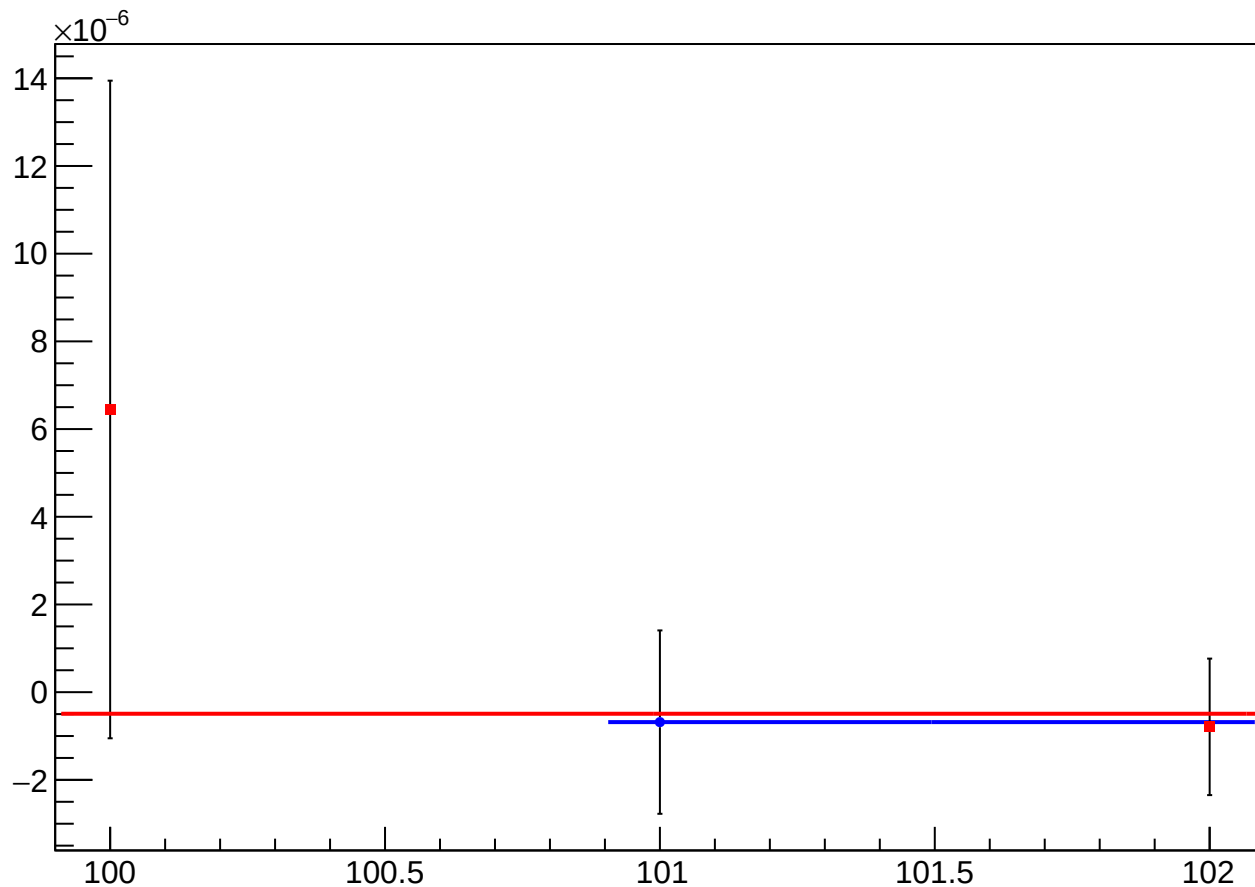
Right: 30.122 $\pm$ 0.019 χ^2 /NDF: 43069.9/2

In: 32.370 $\pm$ 0.029 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.122 $\pm$ 0.019 χ^2 /NDF: 43069.9/2

asym_sam5_eigen_dit_vs_dit_diff_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 : 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

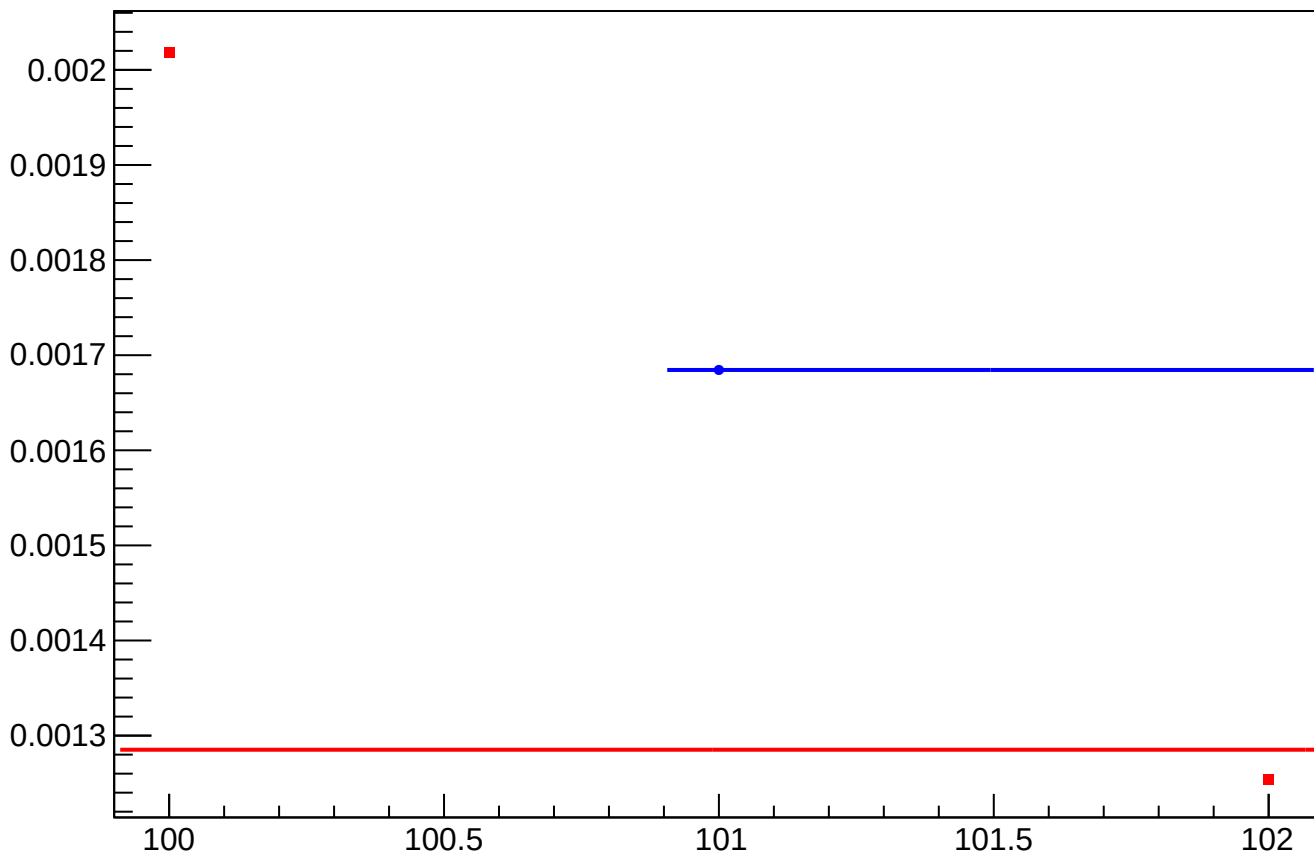
Right: -0.000+/-0.000 χ^2/NDF : 0.9/2

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 : 0.9/2

asym_sam5_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.001 $\pm$ 0.000 χ^2 /NDF: 19928.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

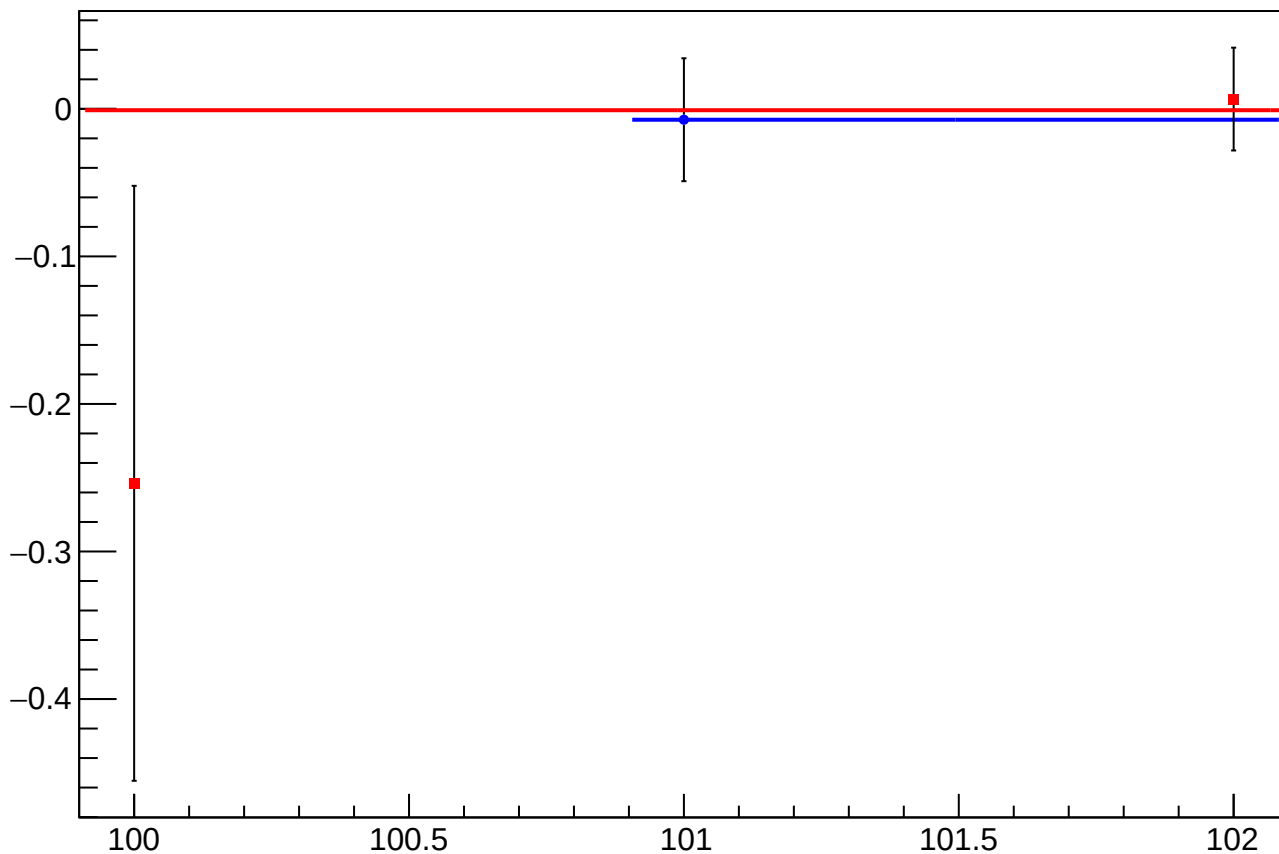
Right: 0.001 $\pm$ 0.000 χ^2 /NDF: 67566.6/2

In: 0.002 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.001 $\pm$ 0.000 χ^2 /NDF: 67566.6/2

asym_sam5_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.042 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.001 $\pm$ 0.034 χ^2 /NDF: 1.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

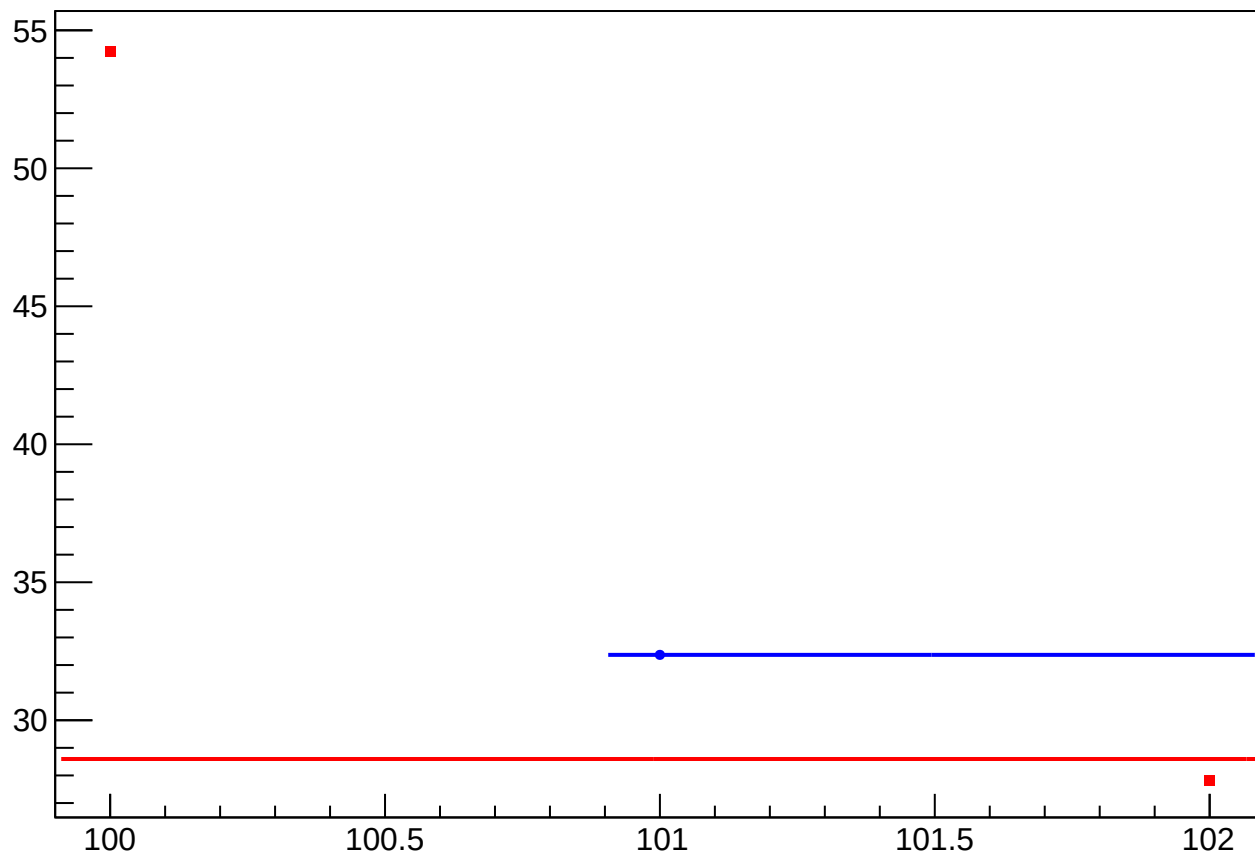
Right: -0.004 $\pm$ 0.026 χ^2 /NDF: 1.6/2

In: -0.007 $\pm$ 0.042 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.026 χ^2 /NDF: 1.6/2

asym_sam5_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.369 $\pm$ 0.029 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 28.596 $\pm$ 0.024 χ^2 /NDF: 33290.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

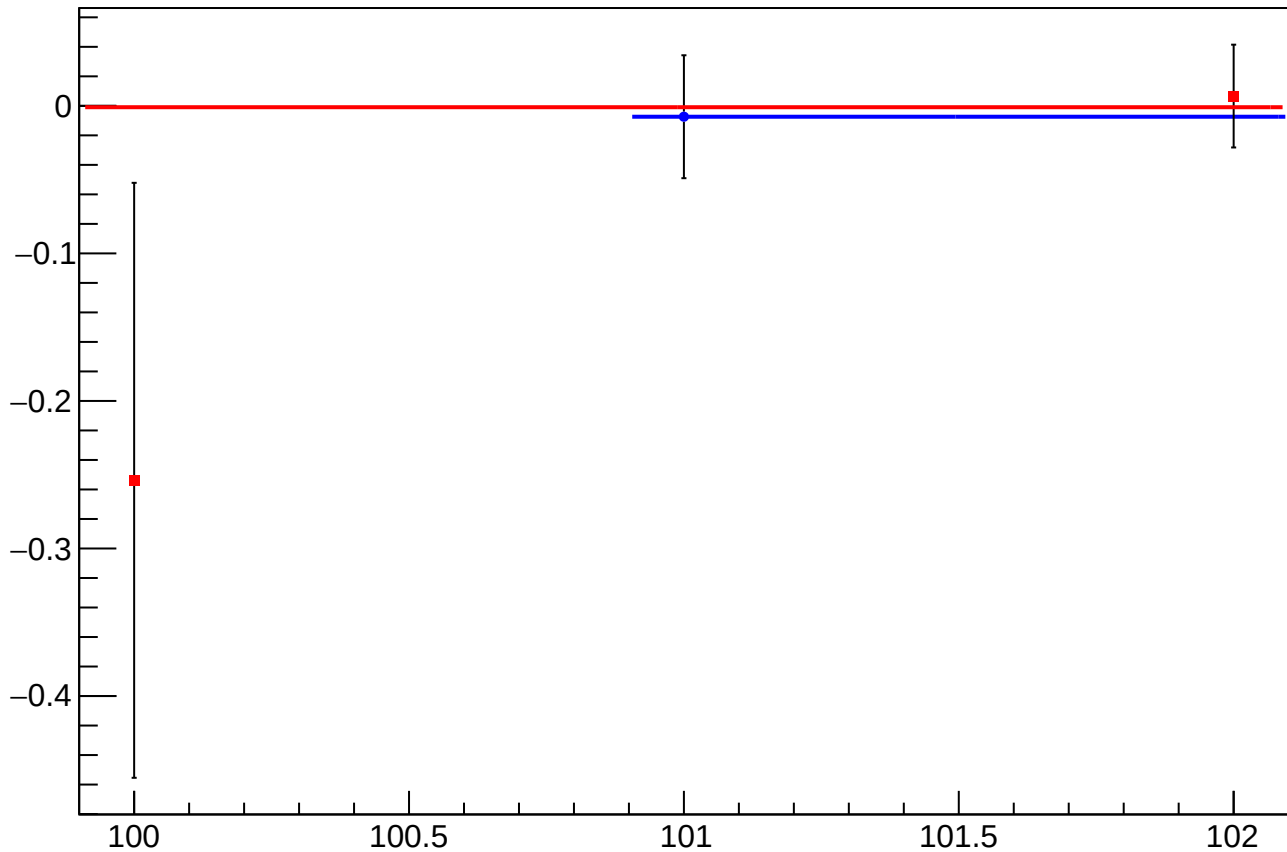
Right: 30.122 $\pm$ 0.019 χ^2 /NDF: 43063.6/2

In: 32.369 $\pm$ 0.029 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.122 $\pm$ 0.019 χ^2 /NDF: 43063.6/2

asym_sam5_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.042 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.001 $\pm$ 0.034 χ^2 /NDF: 1.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

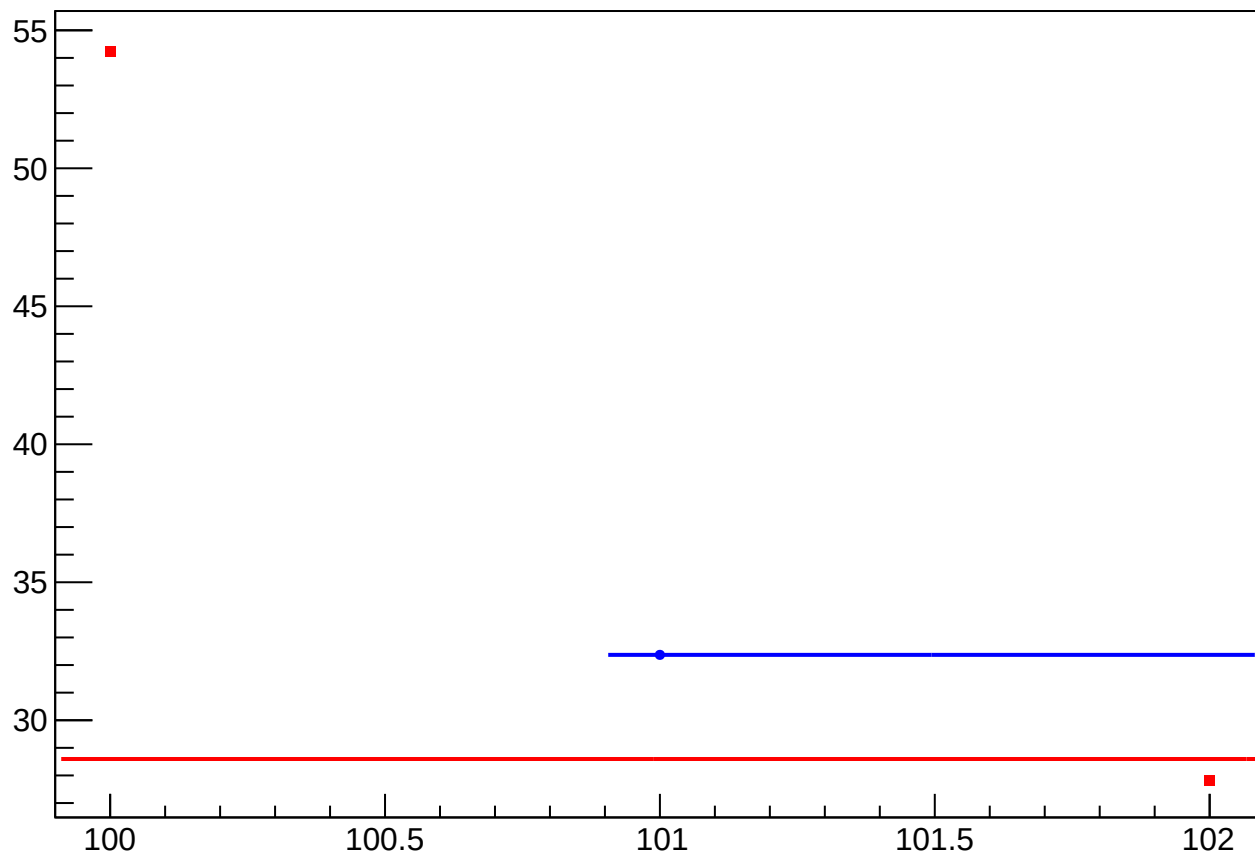
Right: -0.004 $\pm$ 0.026 χ^2 /NDF: 1.6/2

In: -0.007 $\pm$ 0.042 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.026 χ^2 /NDF: 1.6/2

asym_sam5_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.369 $\pm$ 0.029 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 28.596 $\pm$ 0.024 χ^2 /NDF: 33290.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

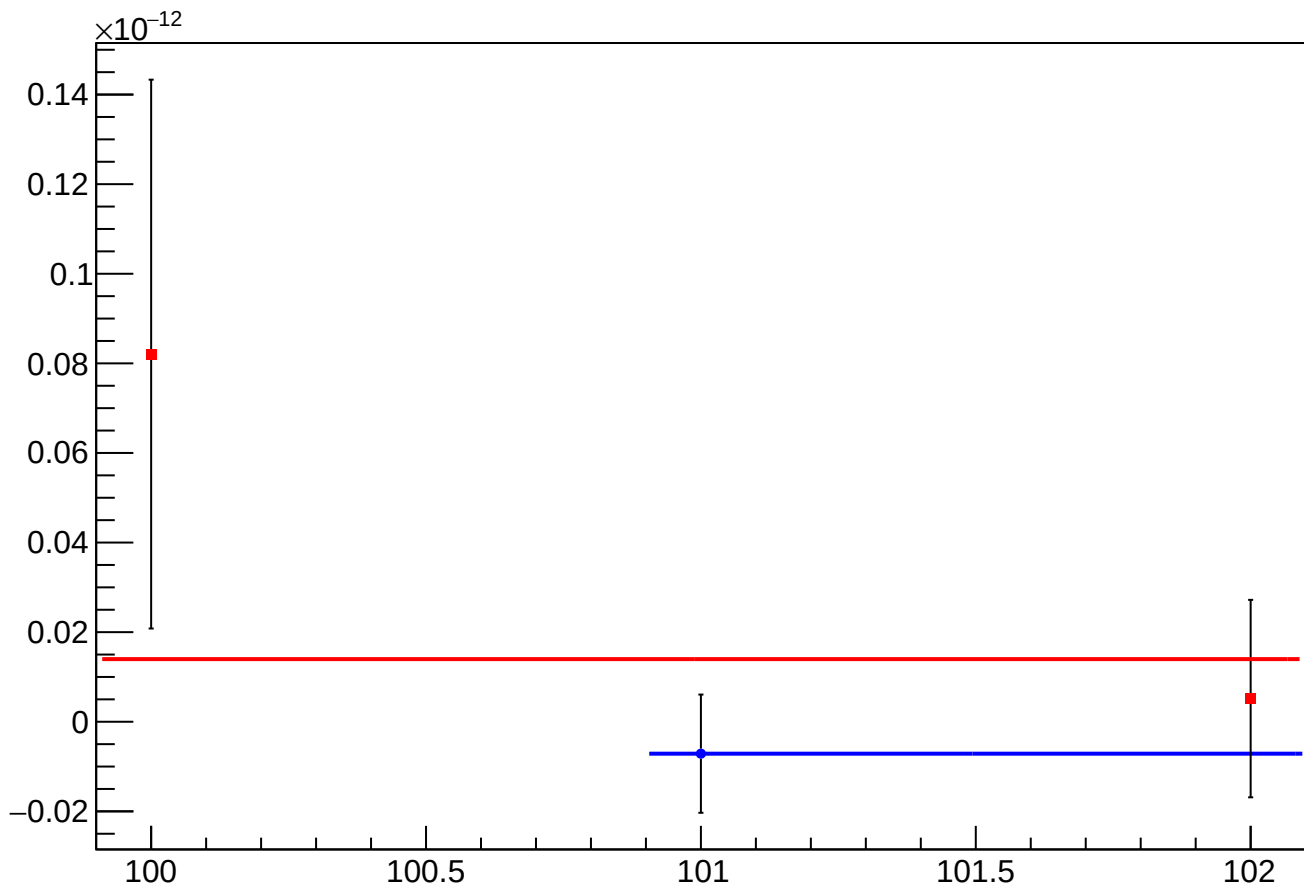
Right: 30.122 $\pm$ 0.019 χ^2 /NDF: 43063.6/2

In: 32.369 $\pm$ 0.029 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.122 $\pm$ 0.019 χ^2 /NDF: 43063.6/2

asym_sam5_eigen_cor_vs_cor_diff_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 : 1.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

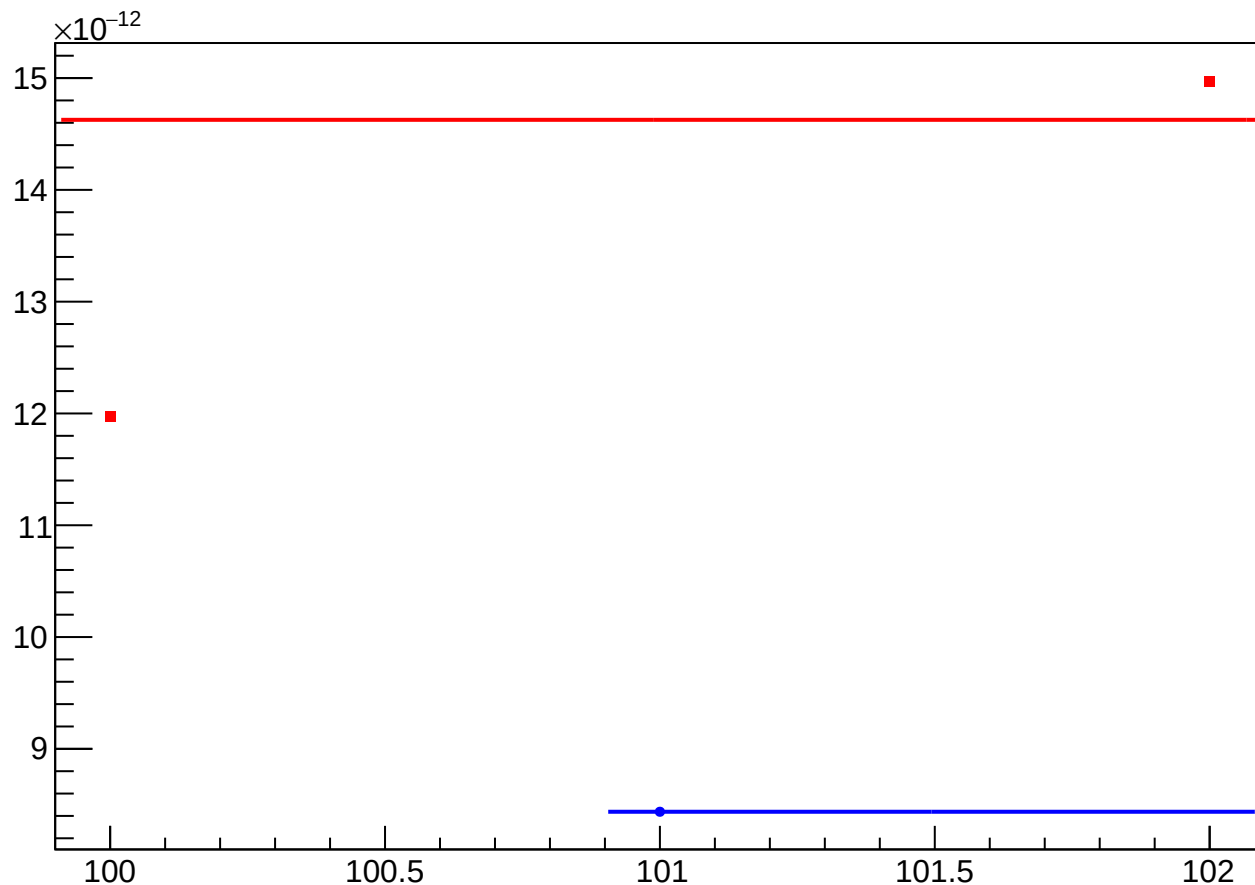
Right: -0.000+/-0.000 χ^2/NDF : 2.1/2

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 : 2.1/2

asym_sam5_eigen_cor_vs_cor_diff_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 : 4241.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

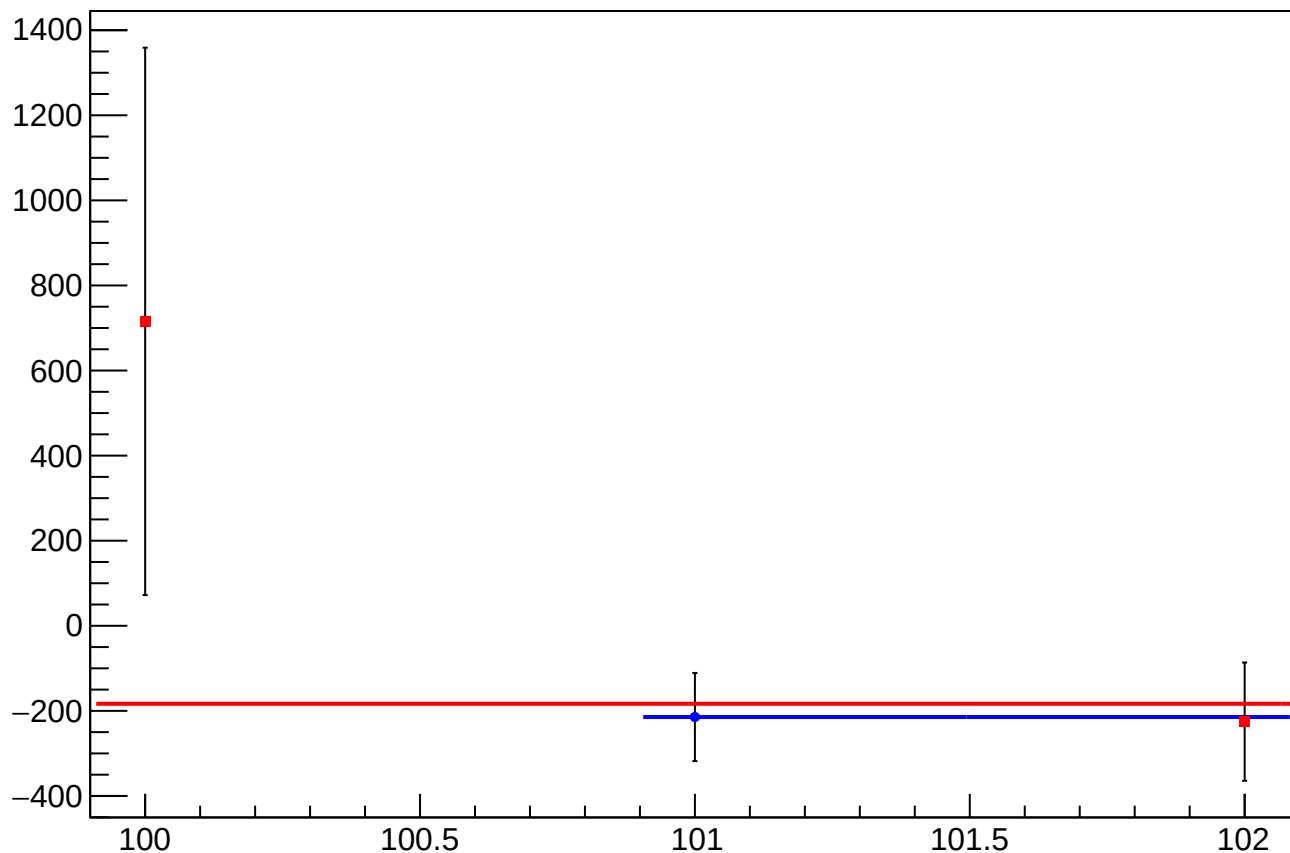
Right: 0.000+/-0.000 χ^2/NDF : 131050.9/2

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 : 131050.9/2

reg_asym_sam6_mean vs Slug, Sign Corrected



Right In: -214.461+/-103.582 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -183.355+/-135.901 χ^2/NDF : 2.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

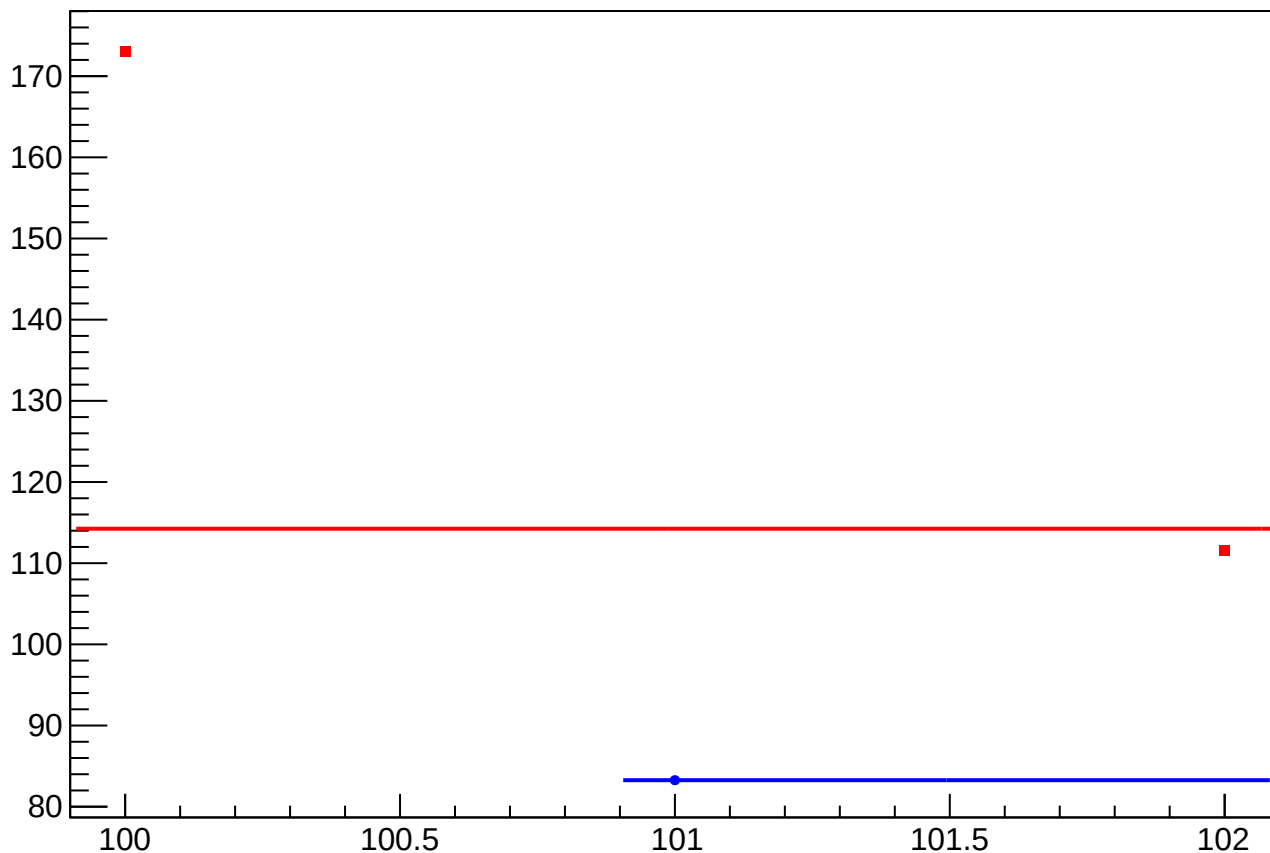
Right: -203.030+/-82.381 χ^2/NDF : 2.1/2

In: -214.461+/-103.582 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -203.030+/-82.381 χ^2/NDF : 2.1/2

reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 83.265+/-0.073 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.249+/-0.096 χ^2/NDF : 17488.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

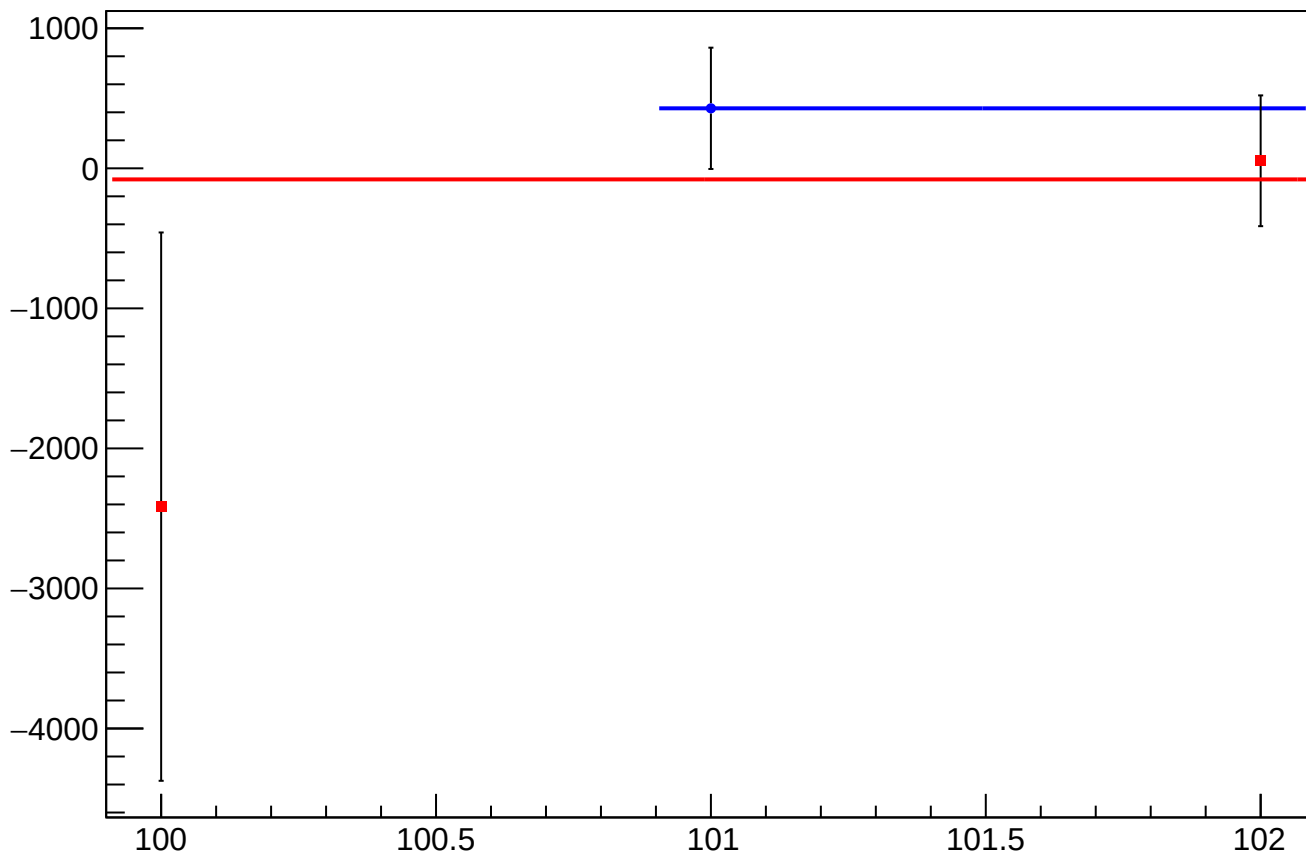
Right: 94.650+/-0.058 χ^2/NDF : 83247.9/2

In: 83.265+/-0.073 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.650+/-0.058 χ^2/NDF : 83247.9/2

asym_sam6_reg_correction_mean vs Slug, Sign Corrected



Right In: 428.422+/-433.118 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -79.068+/-454.152 χ^2/NDF : 1.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

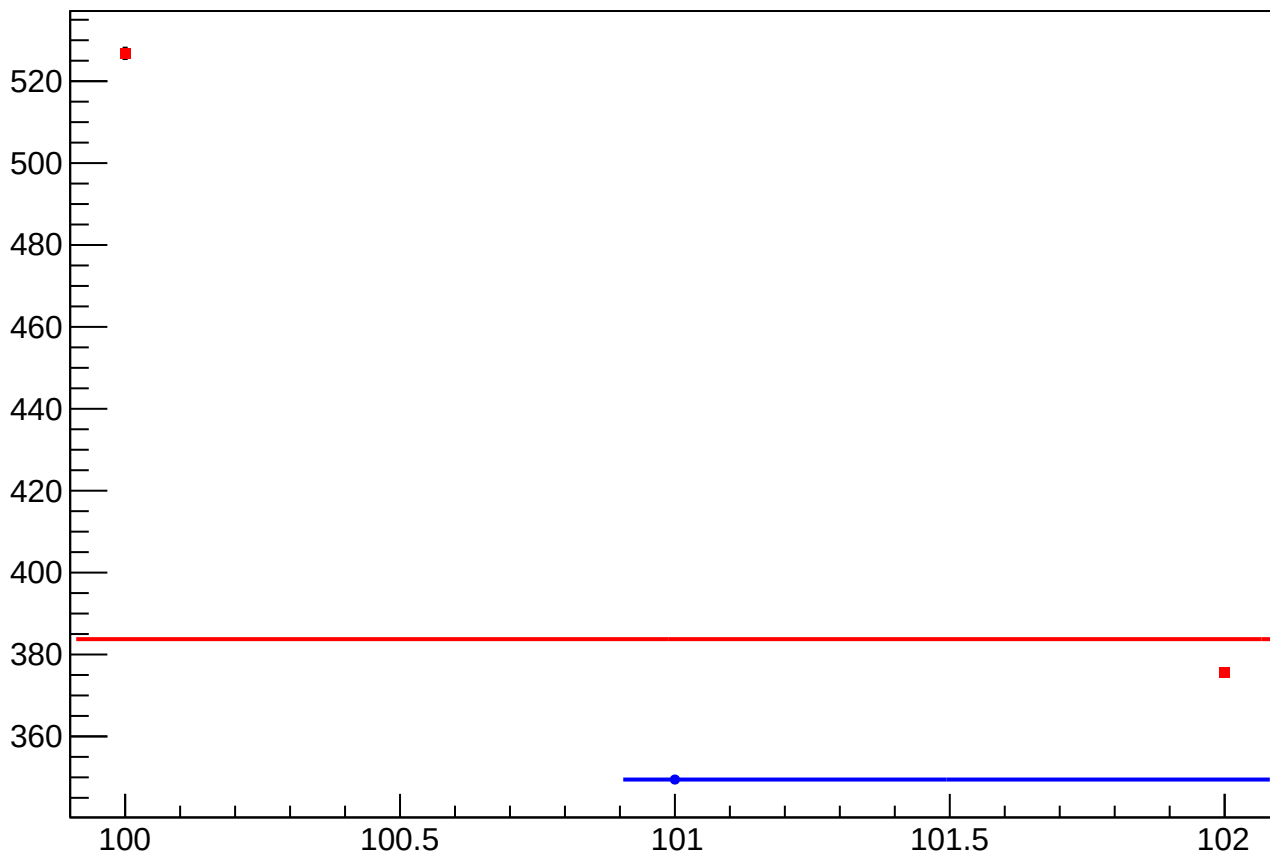
Right: 186.701+/-313.433 χ^2/NDF : 2.2/2

In: 428.422+/-433.118 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 186.701+/-313.433 χ^2/NDF : 2.2/2

asym_sam6_reg_correction_rms vs Slug, Sign Corrected



Right In: 349.467 $\pm$ 0.306 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 383.751 $\pm$ 0.321 χ^2 /NDF: 11285.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

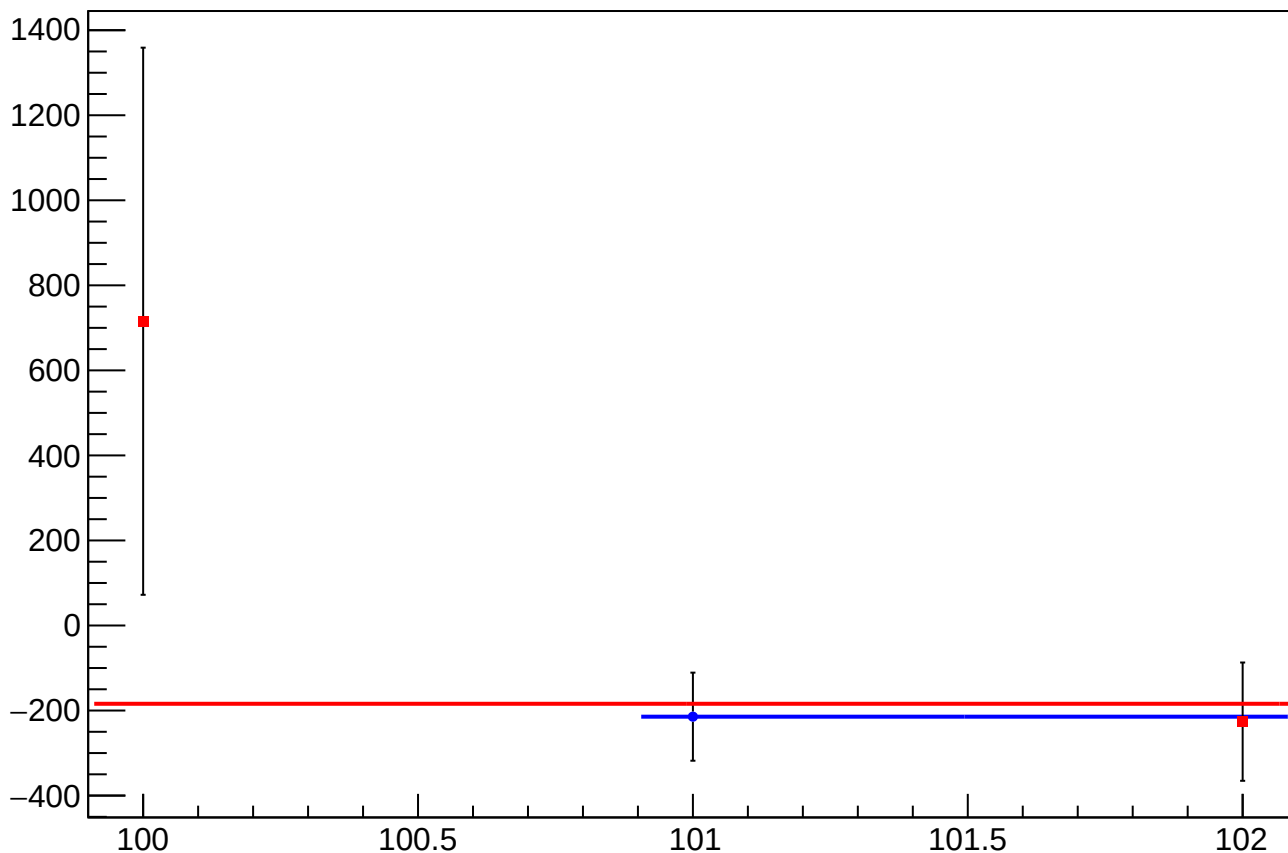
Right: 365.797 $\pm$ 0.222 χ^2 /NDF: 17254.8/2

In: 349.467 $\pm$ 0.306 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 365.797 $\pm$ 0.222 χ^2 /NDF: 17254.8/2

cor_asym_sam6_mean vs Slug, Sign Corrected



Right In: -214.454+/-103.582 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -184.107+/-135.949 χ^2/NDF : 2.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

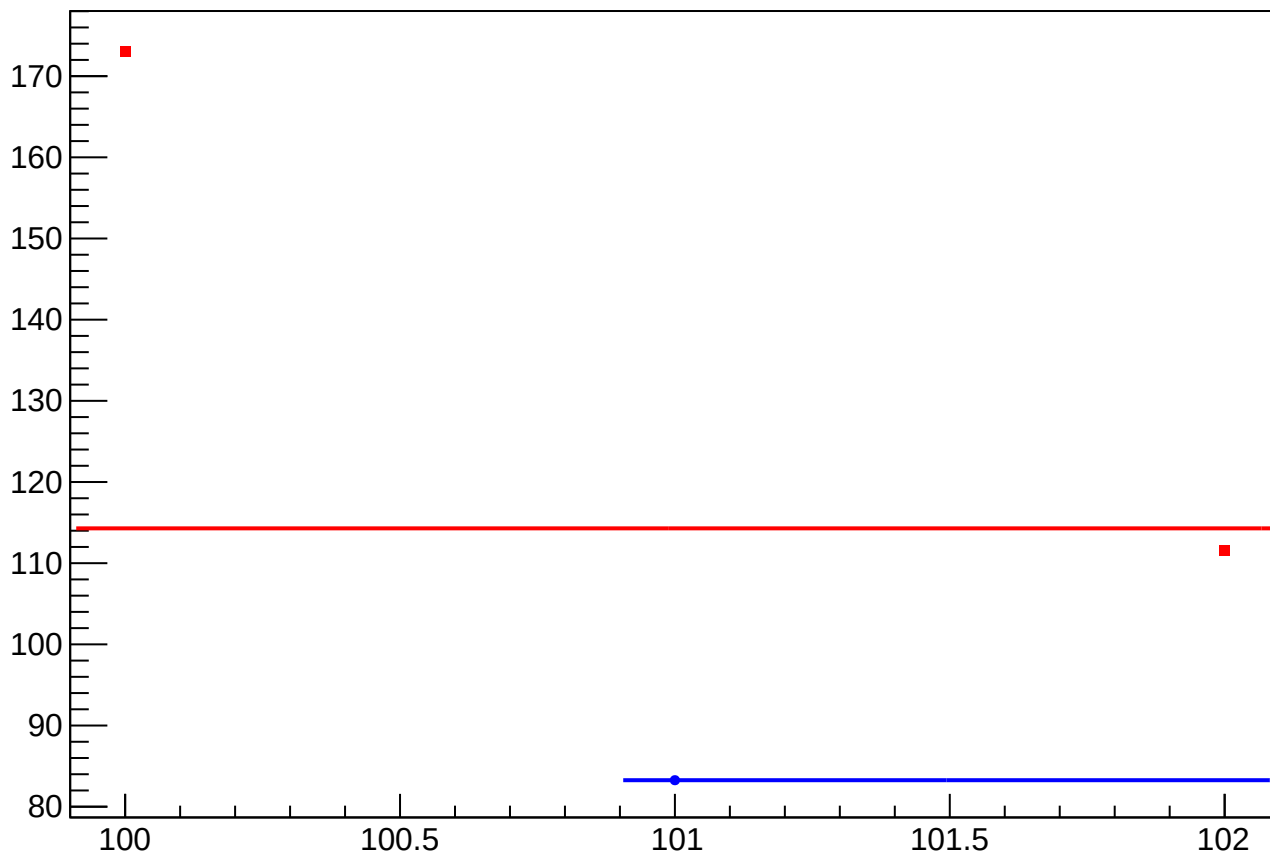
Right: -203.308+/-82.392 χ^2/NDF : 2.1/2

In: -214.454+/-103.582 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -203.308+/-82.392 χ^2/NDF : 2.1/2

cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 83.265 $\pm$ 0.073 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 114.290 $\pm$ 0.096 χ^2 /NDF: 17464.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

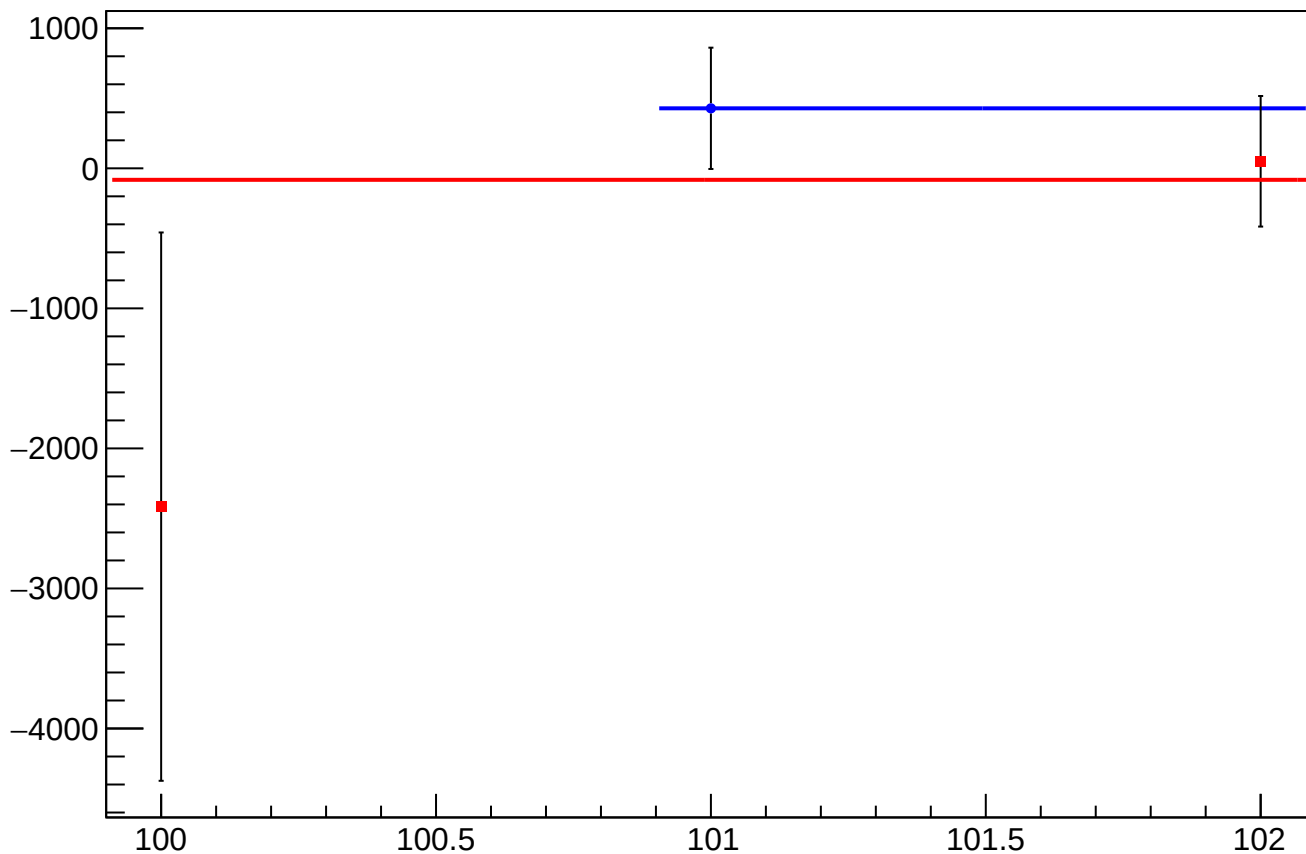
Right: 94.660 $\pm$ 0.058 χ^2 /NDF: 83370.7/2

In: 83.265 $\pm$ 0.073 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 94.660 $\pm$ 0.058 χ^2 /NDF: 83370.7/2

asym_sam6_cor_correction_mean vs Slug, Sign Corrected



Right In: 428.415+/-433.119 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -82.124+/-453.478 χ^2/NDF : 1.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

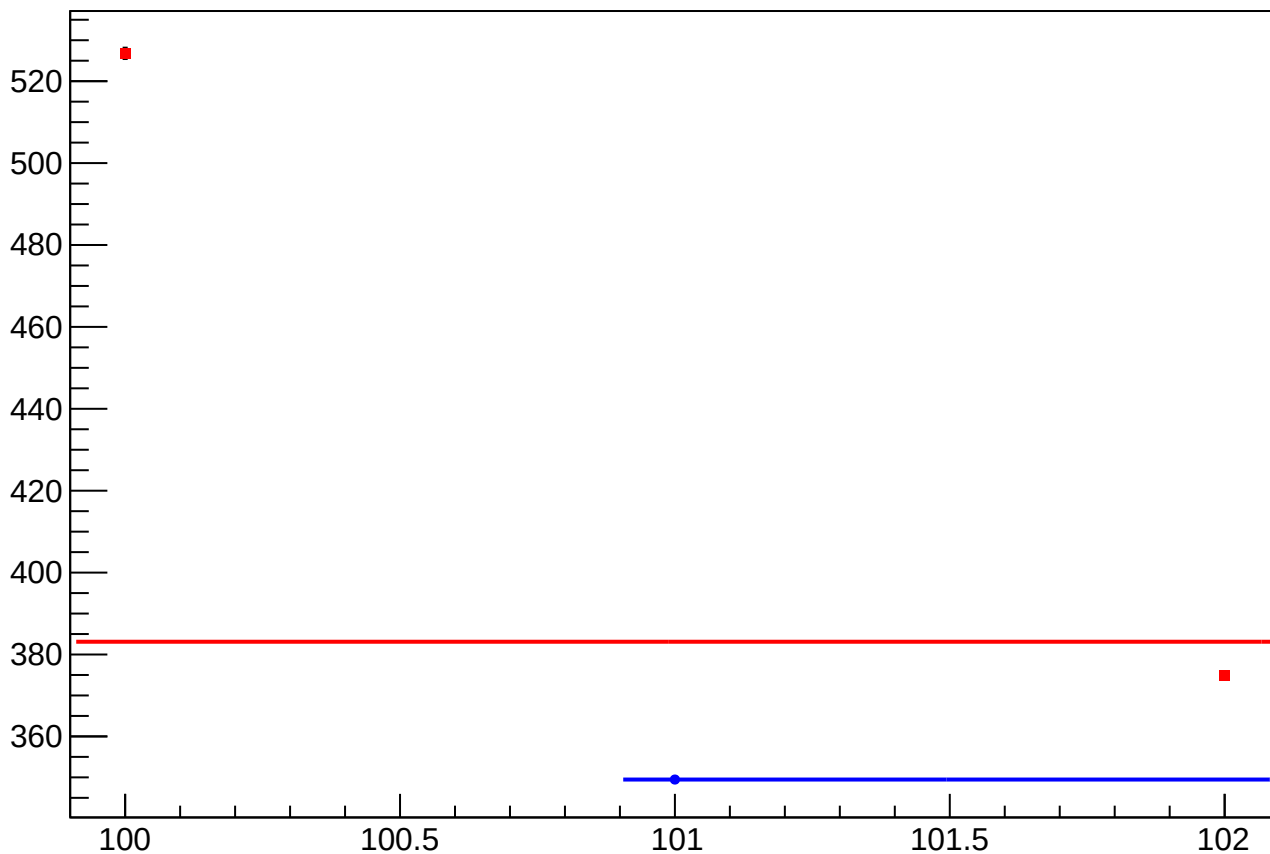
Right: 184.863+/-313.211 χ^2/NDF : 2.2/2

In: 428.415+/-433.119 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.863+/-313.211 χ^2/NDF : 2.2/2

asym_sam6_cor_correction_rms vs Slug, Sign Corrected



Right In: 349.467 $\pm$ 0.306 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 383.119 $\pm$ 0.321 χ^2 /NDF: 11383.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

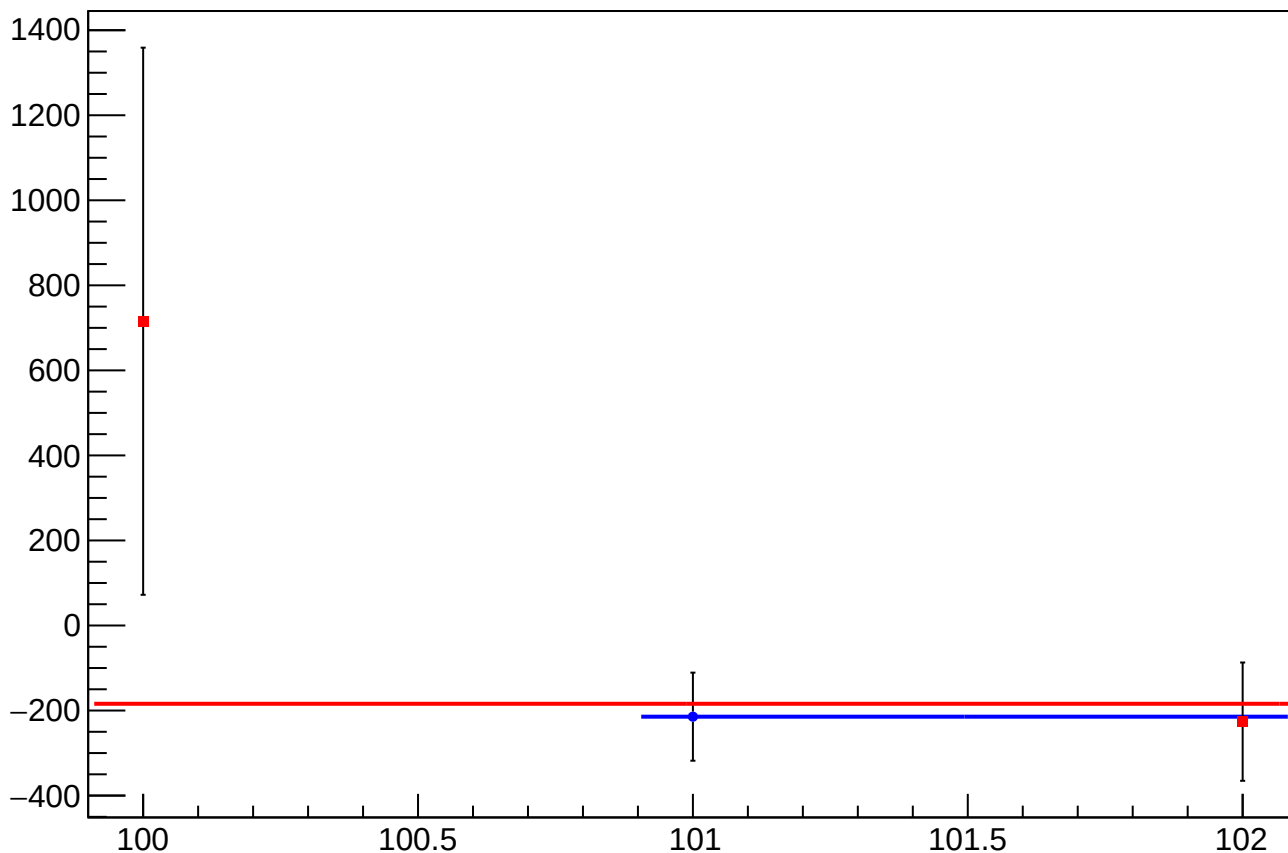
Right: 365.521 $\pm$ 0.221 χ^2 /NDF: 17143.2/2

In: 349.467 $\pm$ 0.306 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 365.521 $\pm$ 0.221 χ^2 /NDF: 17143.2/2

eigen_cor_asym_sam6_mean vs Slug, Sign Corrected



Right In: -214.454+/-103.582 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -184.107+/-135.949 χ^2 /NDF: 2.0/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

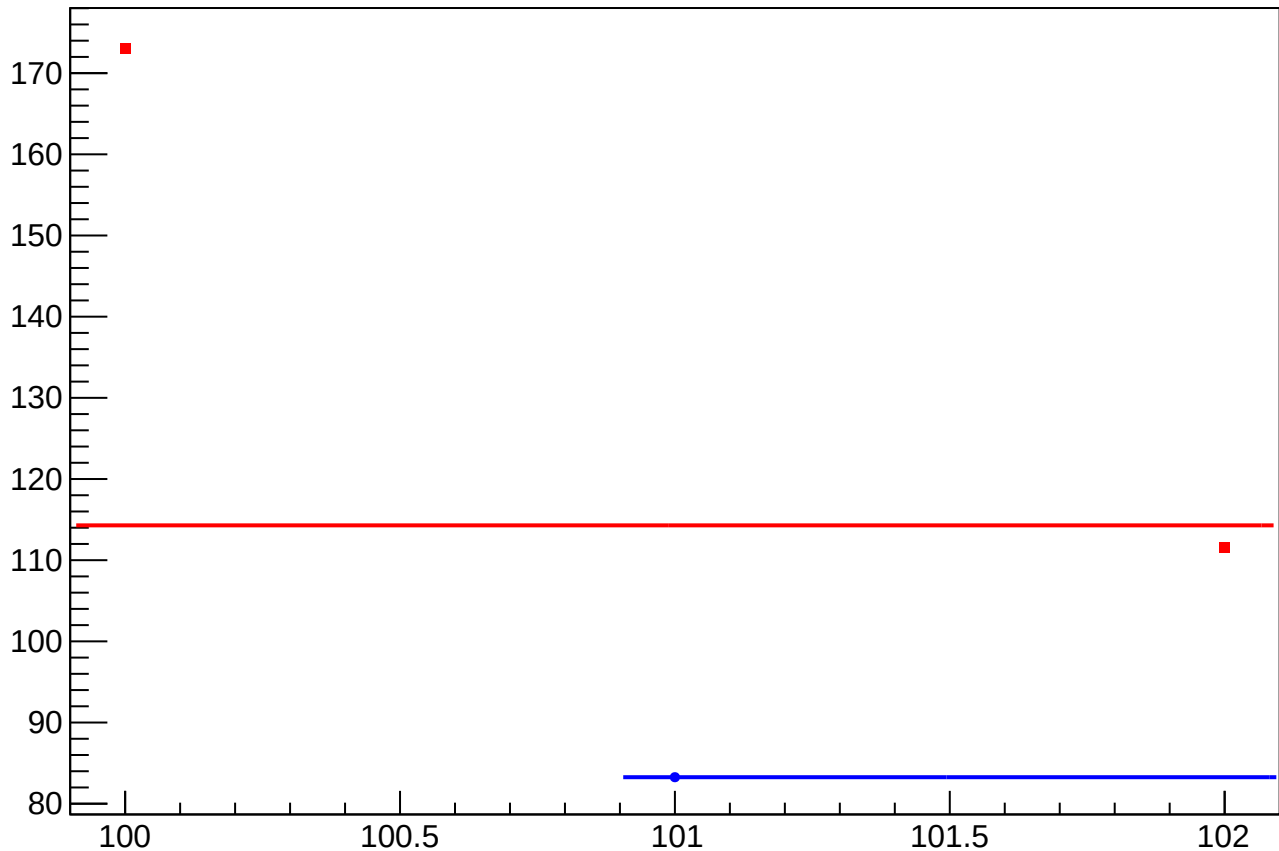
Right: -203.308+/-82.392 χ^2 /NDF: 2.1/2

In: -214.454+/-103.582 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -203.308+/-82.392 χ^2 /NDF: 2.1/2

eigen_cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 83.265+/-0.073 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.290+/-0.096 χ^2/NDF : 17464.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

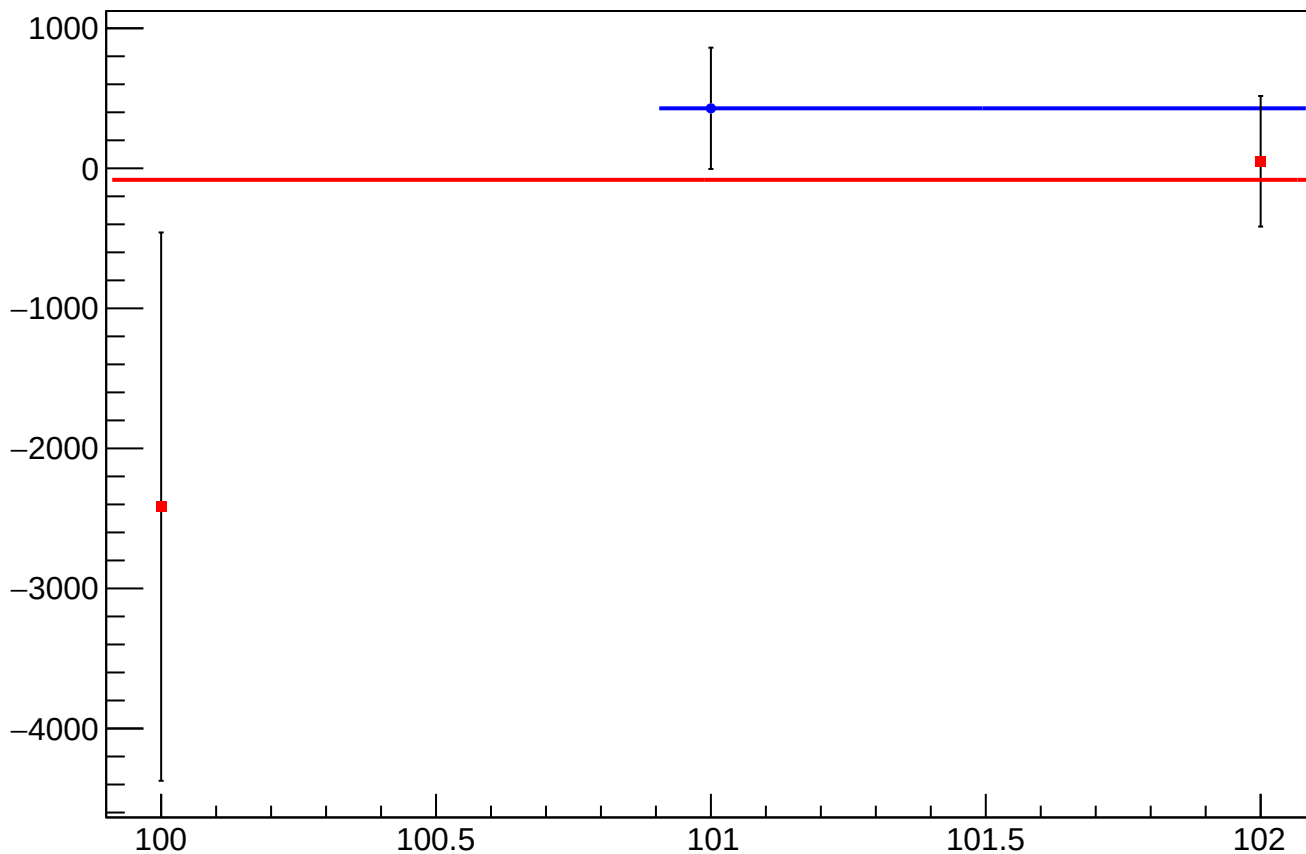
Right: 94.660+/-0.058 χ^2/NDF : 83370.7/2

In: 83.265+/-0.073 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.660+/-0.058 χ^2/NDF : 83370.7/2

asym_sam6_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 428.415+/-433.119 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -82.124+/-453.478 χ^2/NDF : 1.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

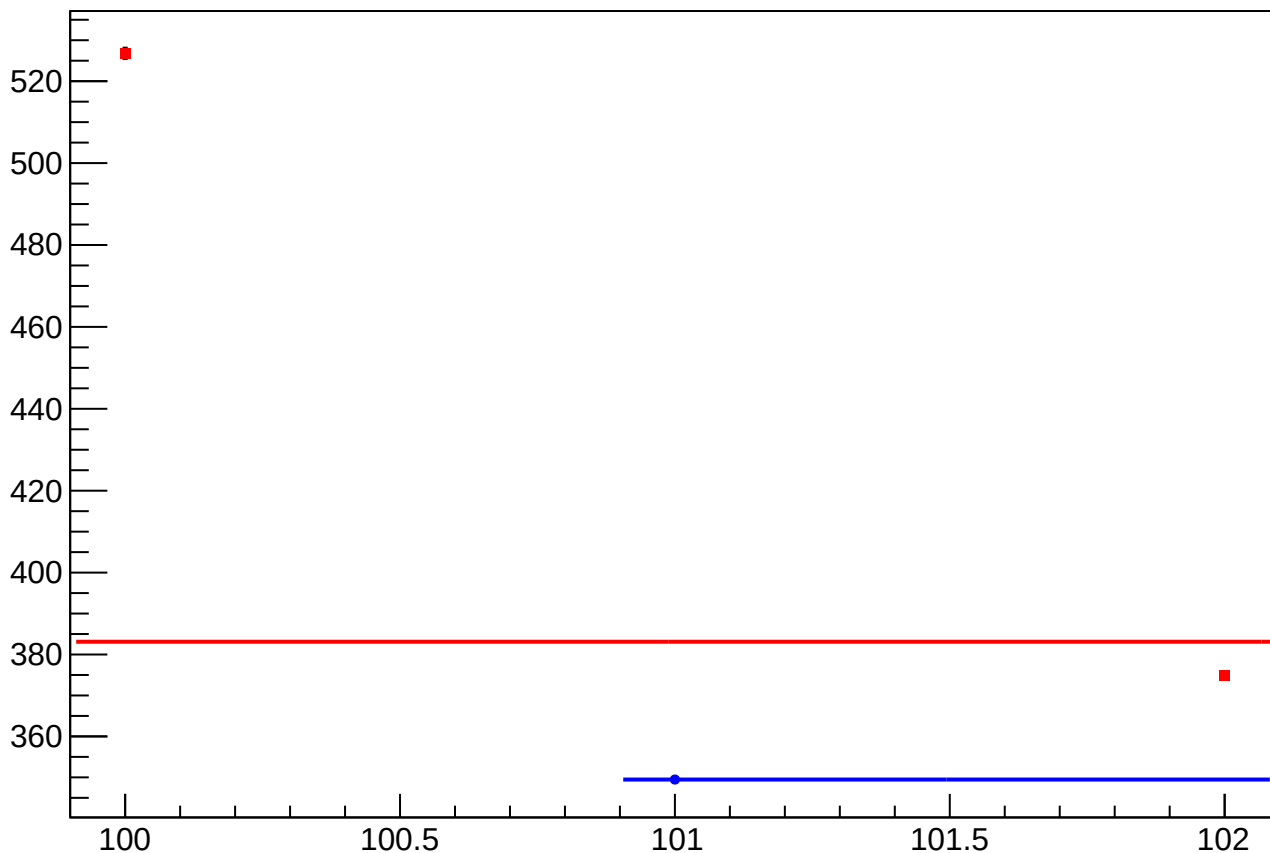
Right: 184.863+/-313.211 χ^2/NDF : 2.2/2

In: 428.415+/-433.119 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.863+/-313.211 χ^2/NDF : 2.2/2

asym_sam6_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 349.467 $\pm$ 0.306 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 383.119 $\pm$ 0.321 χ^2 /NDF: 11383.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

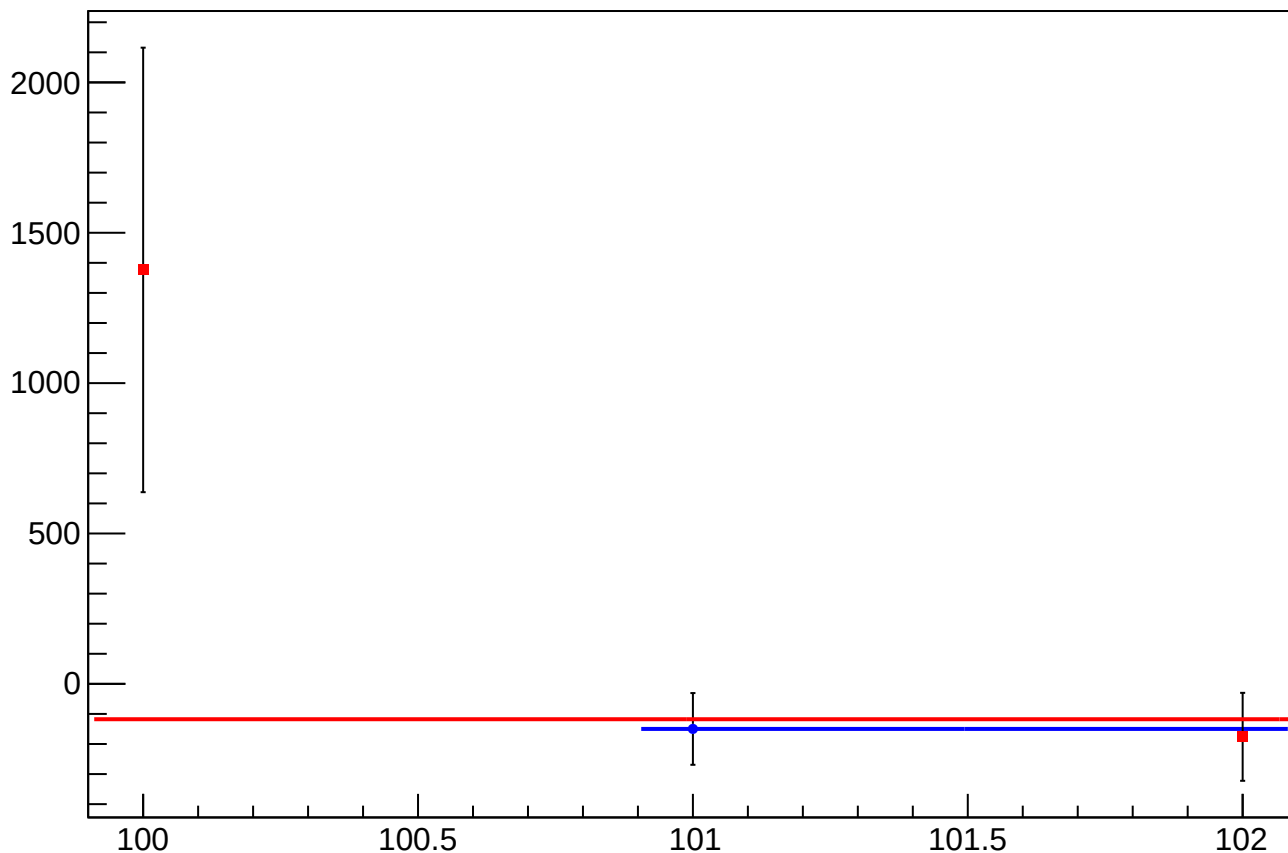
Right: 365.521 $\pm$ 0.221 χ^2 /NDF: 17143.2/2

In: 349.467 $\pm$ 0.306 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 365.521 $\pm$ 0.221 χ^2 /NDF: 17143.2/2

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -149.886+/-119.276 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -117.635+/-143.462 χ^2/NDF : 4.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

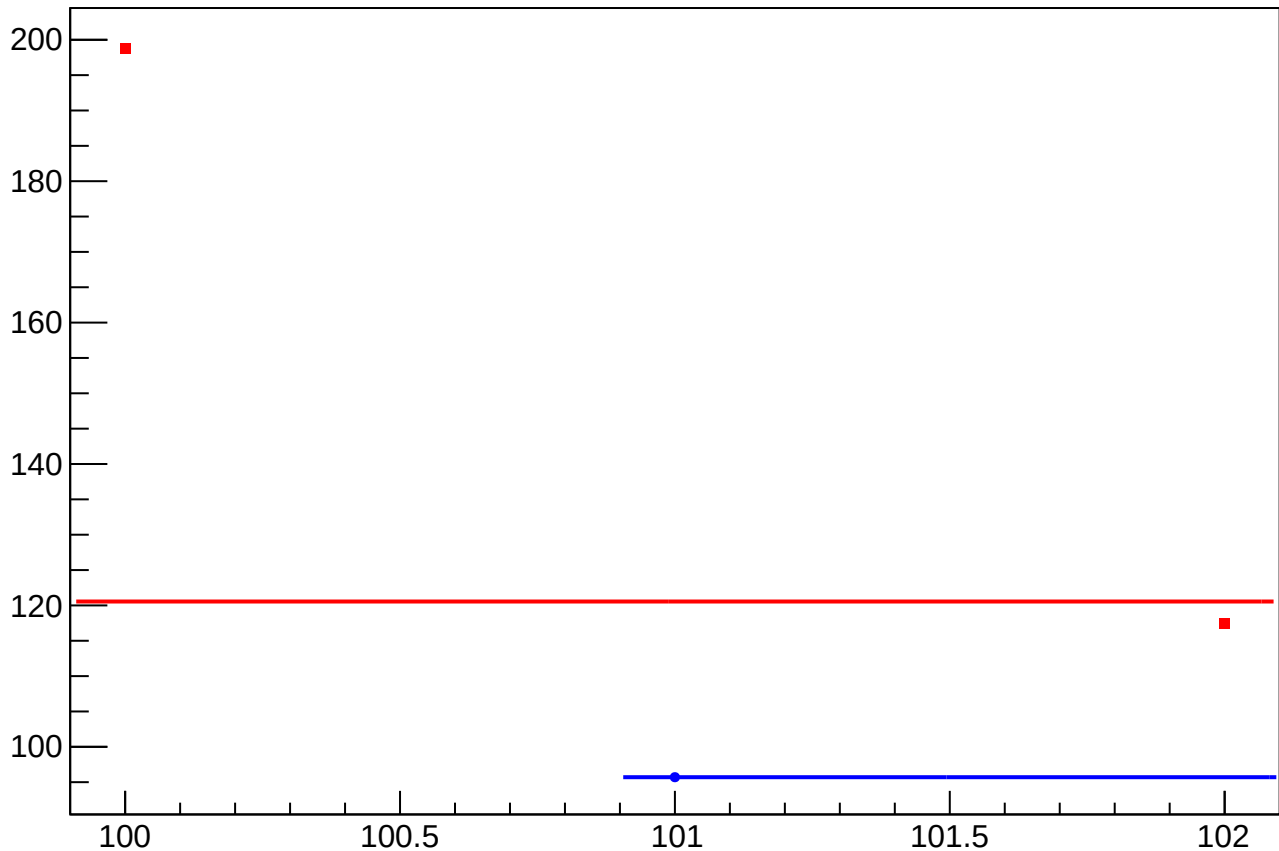
Right: -136.705+/-91.717 χ^2/NDF : 4.3/2

In: -149.886+/-119.276 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -136.705+/-91.717 χ^2/NDF : 4.3/2

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 95.703 $\pm$ 0.084 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 120.552 $\pm$ 0.101 χ^2 /NDF: 23288.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

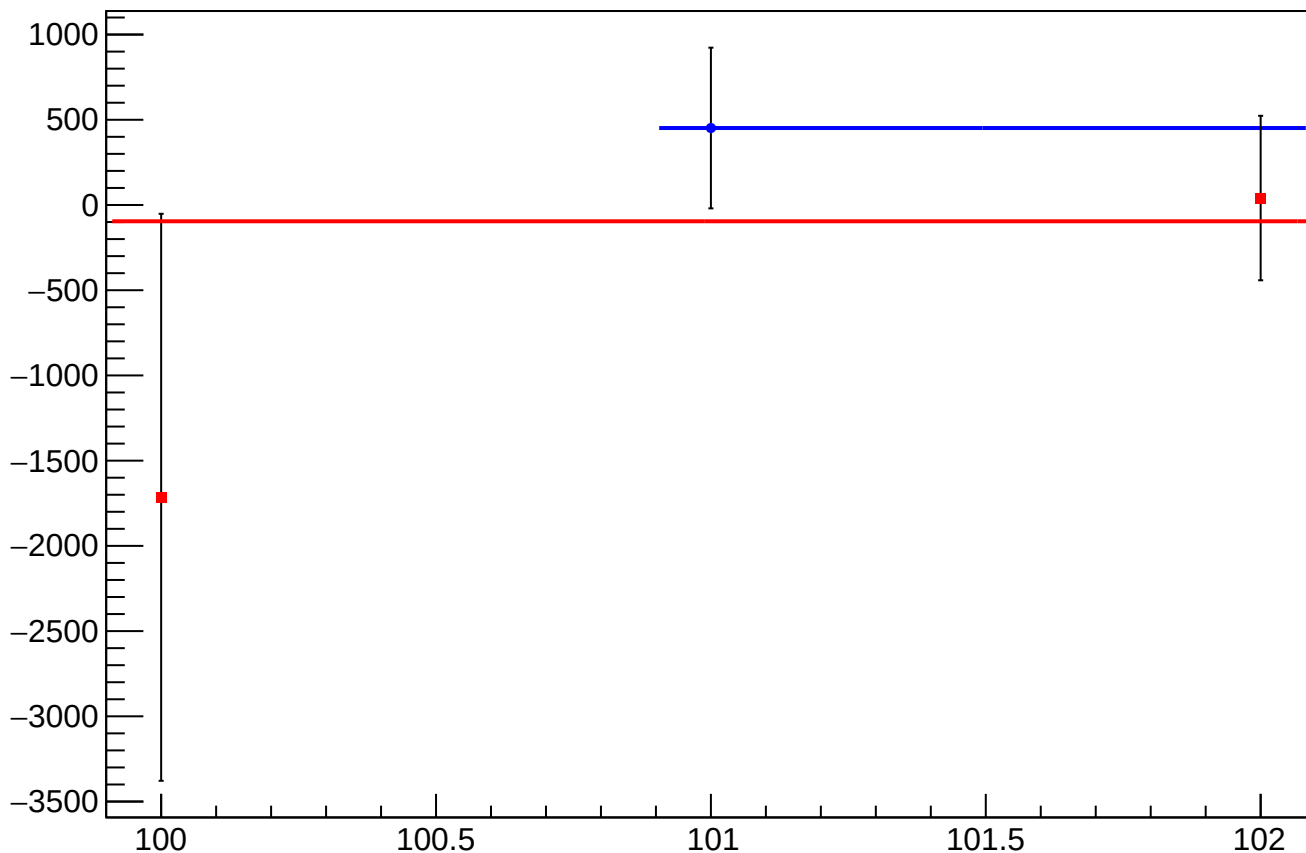
Right: 105.859 $\pm$ 0.065 χ^2 /NDF: 58767.7/2

In: 95.703 $\pm$ 0.084 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 105.859 $\pm$ 0.065 χ^2 /NDF: 58767.7/2

asym_sam6_dit_correction_mean vs Slug, Sign Corrected



Right In: 451.582 $\pm$ 471.447 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -95.548 $\pm$ 463.439 χ^2 /NDF: 1.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

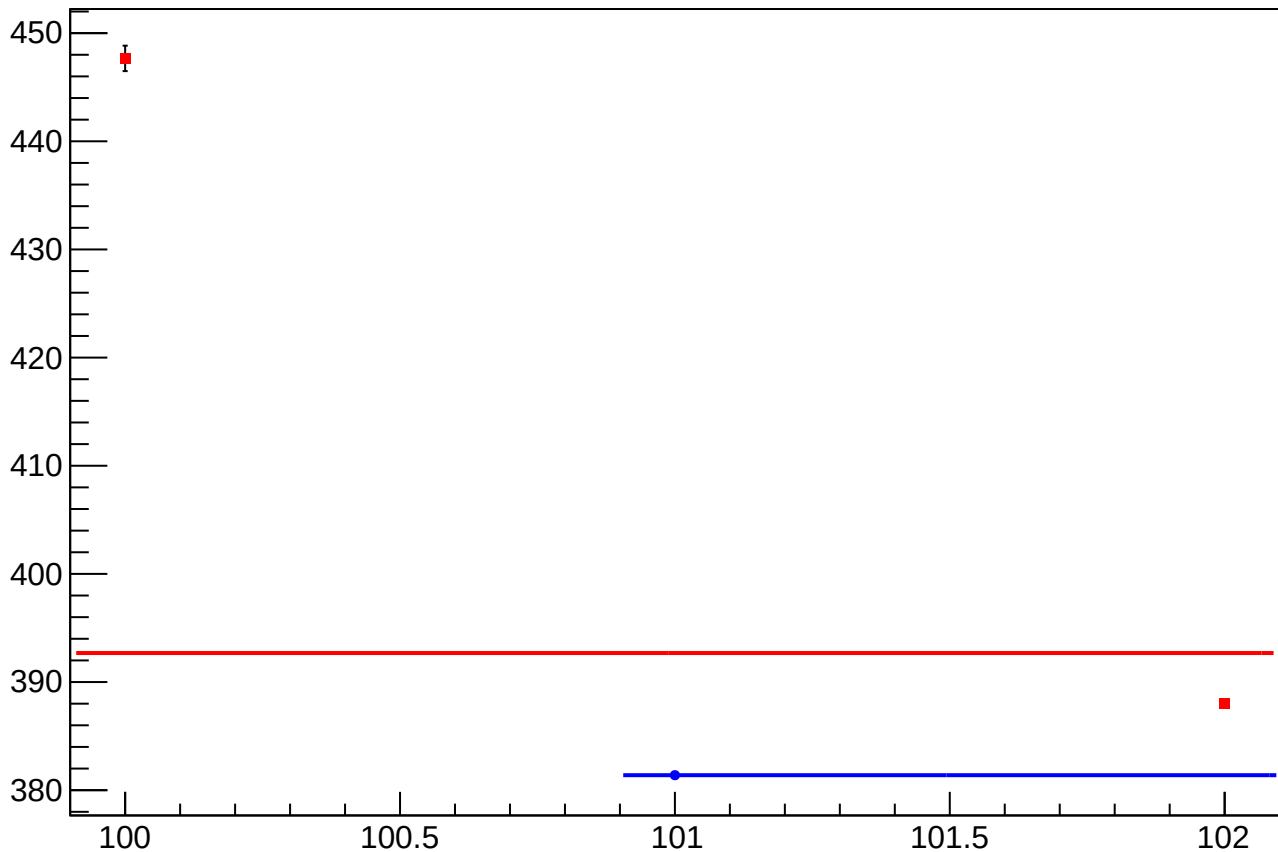
Right: 173.330 $\pm$ 330.496 χ^2 /NDF: 1.7/2

In: 451.582 $\pm$ 471.447 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 173.330 $\pm$ 330.496 χ^2 /NDF: 1.7/2

asym_sam6_dit_correction_rms vs Slug, Sign Corrected



Right In: 381.387 $\pm$ 0.333 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 392.683 $\pm$ 0.328 χ^2 /NDF: 2369.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

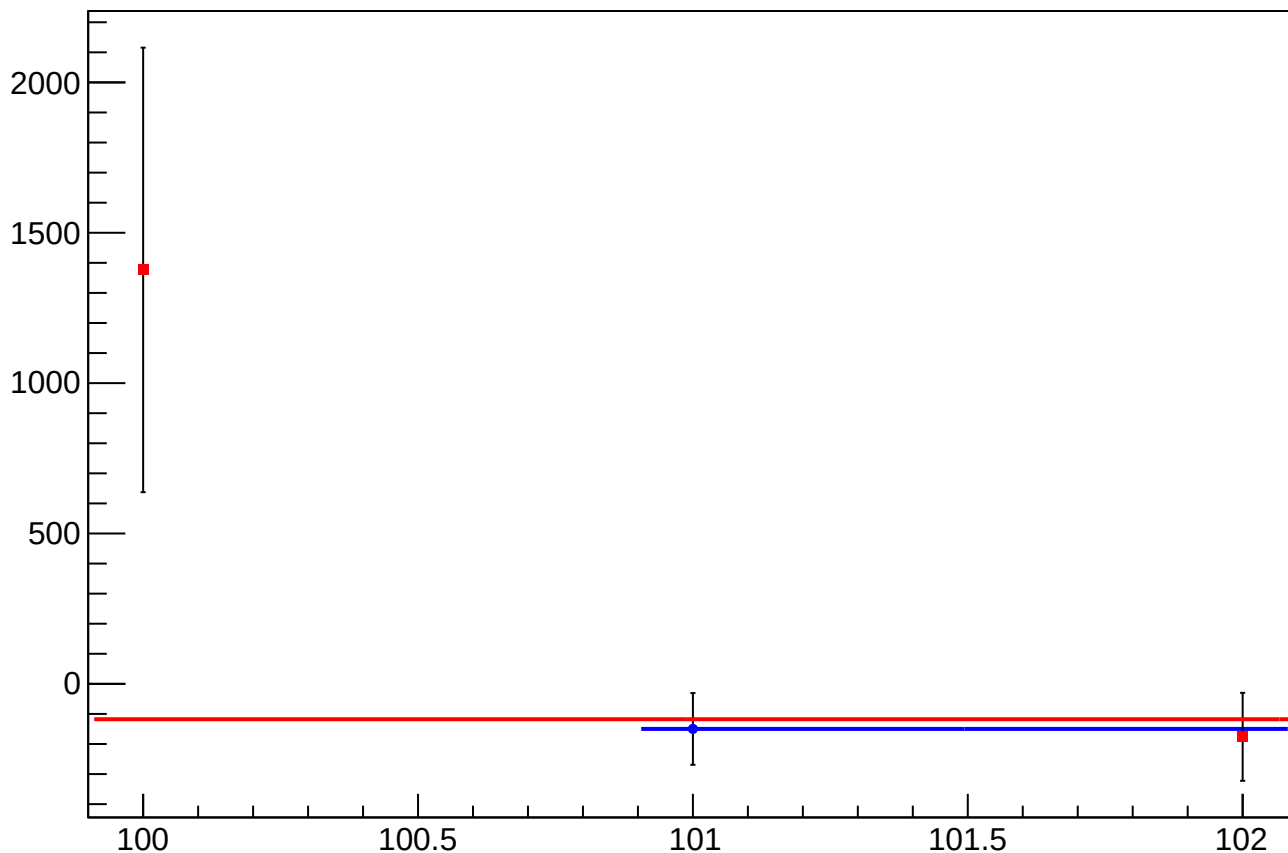
Right: 387.132 $\pm$ 0.234 χ^2 /NDF: 2953.3/2

In: 381.387 $\pm$ 0.333 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 387.132 $\pm$ 0.234 χ^2 /NDF: 2953.3/2

eigen_dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -149.888+/-119.275 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -117.636+/-143.462 χ^2/NDF : 4.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

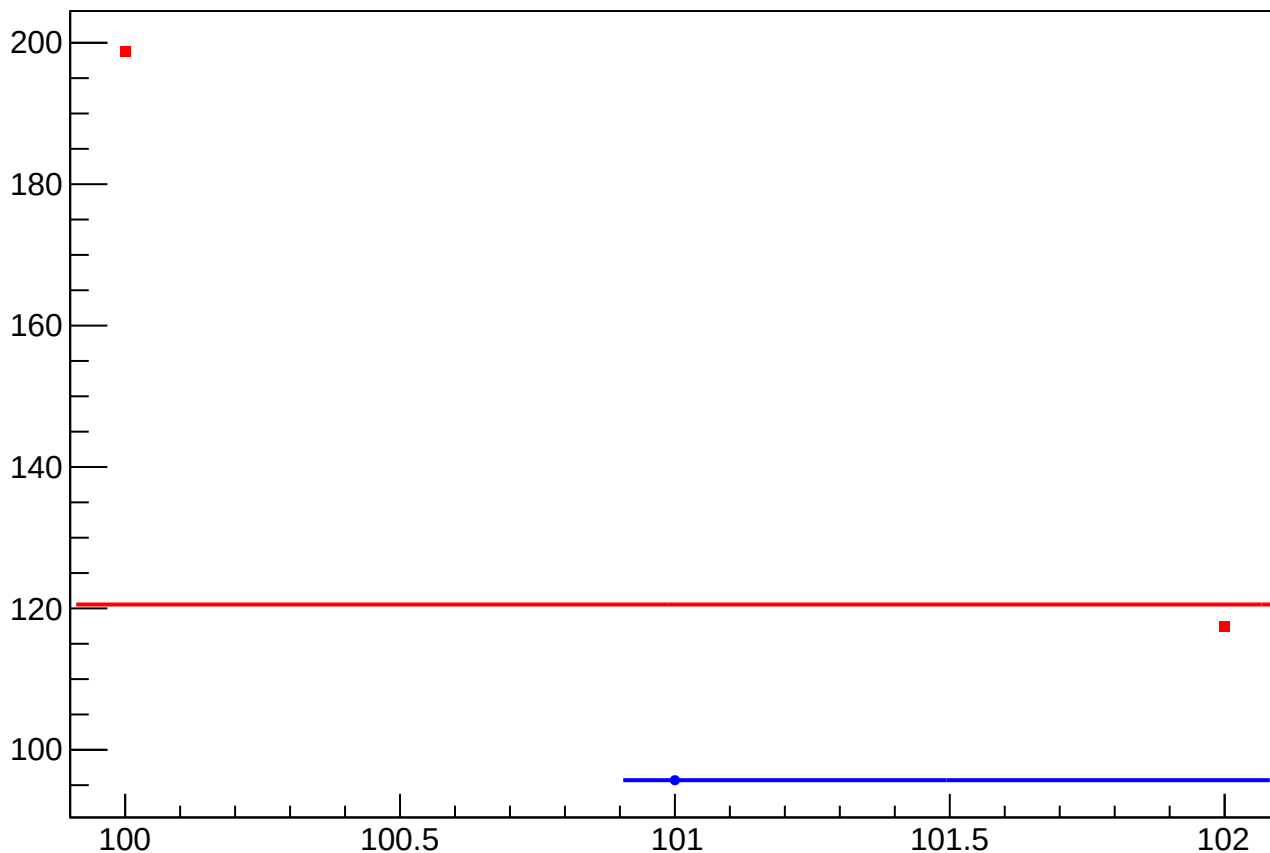
Right: -136.706+/-91.717 χ^2/NDF : 4.3/2

In: -149.888+/-119.275 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -136.706+/-91.717 χ^2/NDF : 4.3/2

eigen_dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 95.702 $\pm$ 0.084 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 120.552 $\pm$ 0.101 χ^2 /NDF: 23288.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

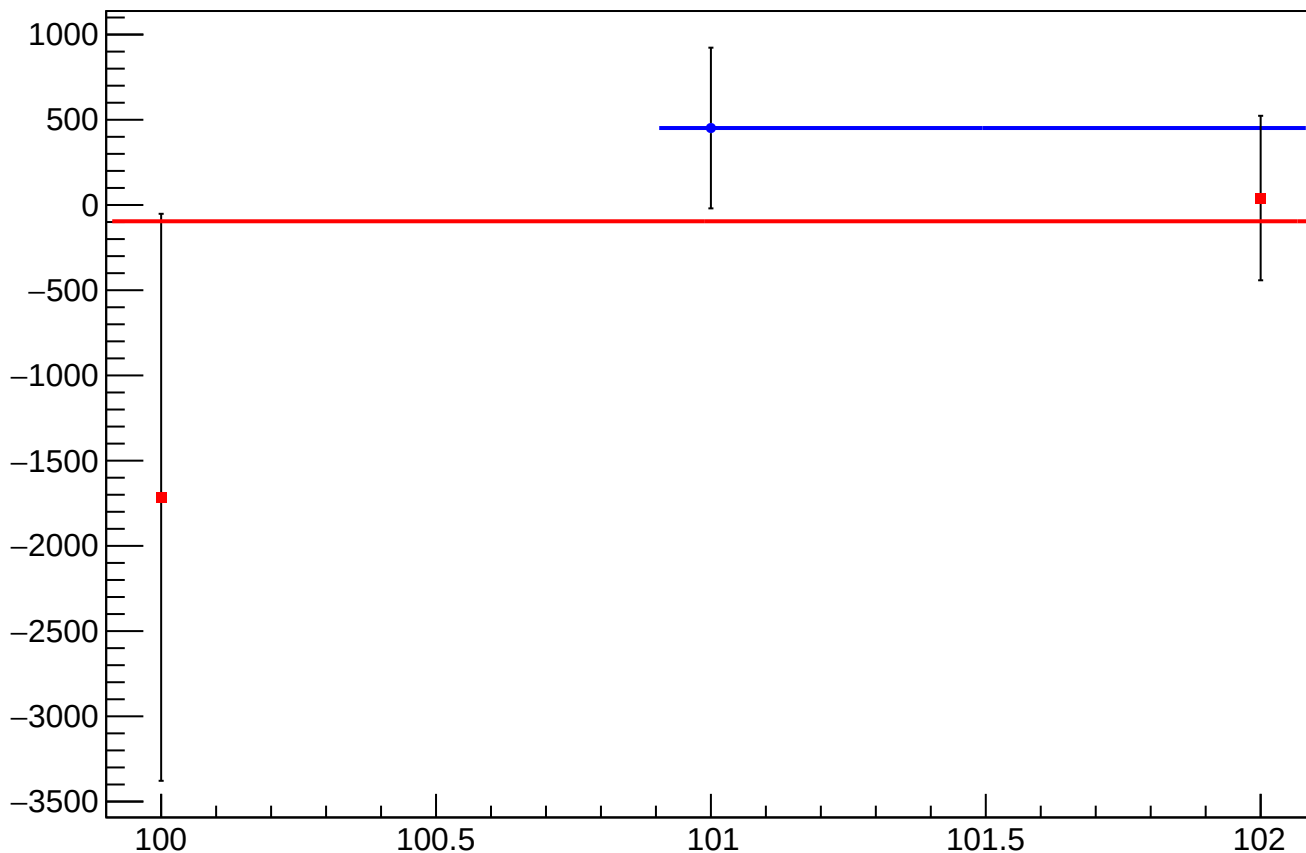
Right: 105.859 $\pm$ 0.065 χ^2 /NDF: 58770.0/2

In: 95.702 $\pm$ 0.084 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 105.859 $\pm$ 0.065 χ^2 /NDF: 58770.0/2

asym_sam6_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 451.581+/-471.446 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -95.549+/-463.438 χ^2/NDF : 1.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

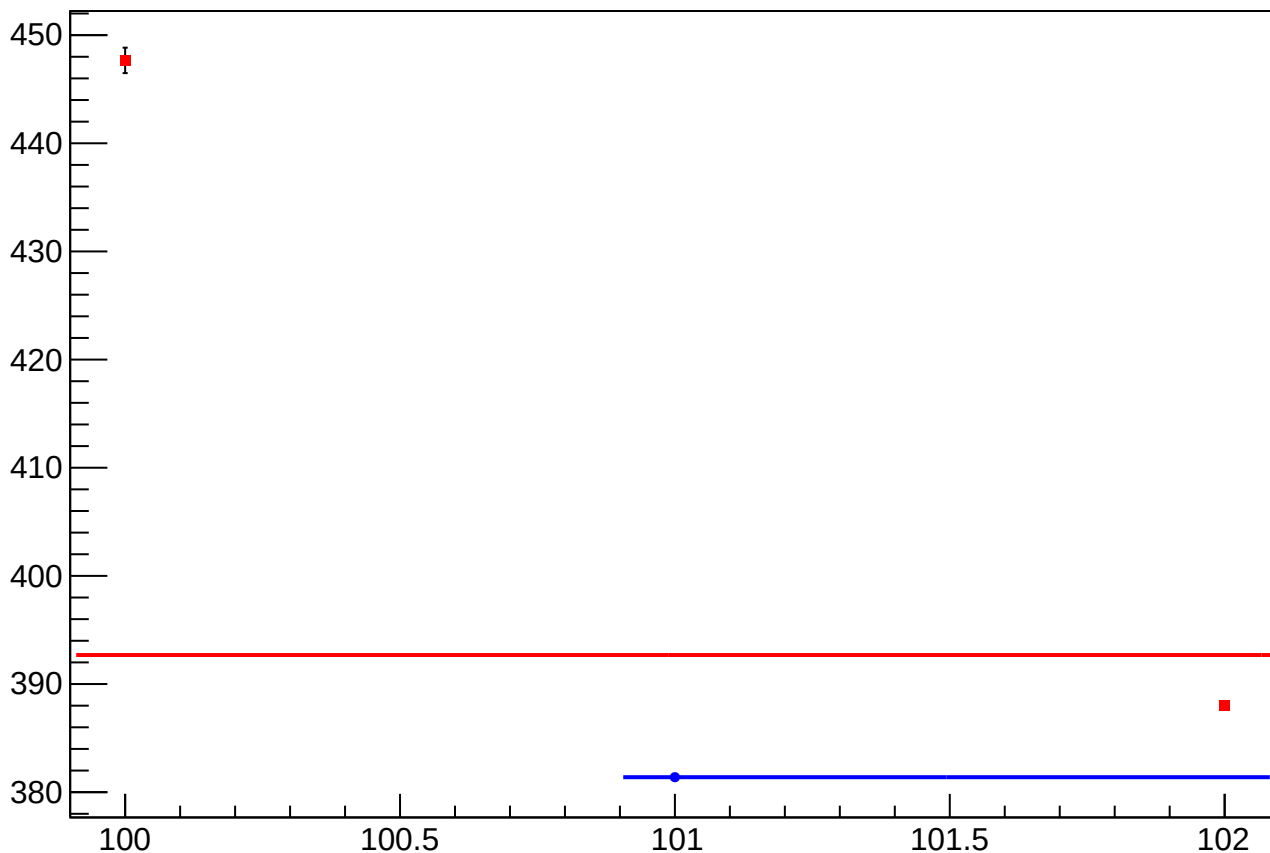
Right: 173.330+/-330.495 χ^2/NDF : 1.7/2

In: 451.581+/-471.446 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.330+/-330.495 χ^2/NDF : 1.7/2

asym_sam6_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 381.386+/-0.333 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 392.683+/-0.328 χ^2/NDF : 2369.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

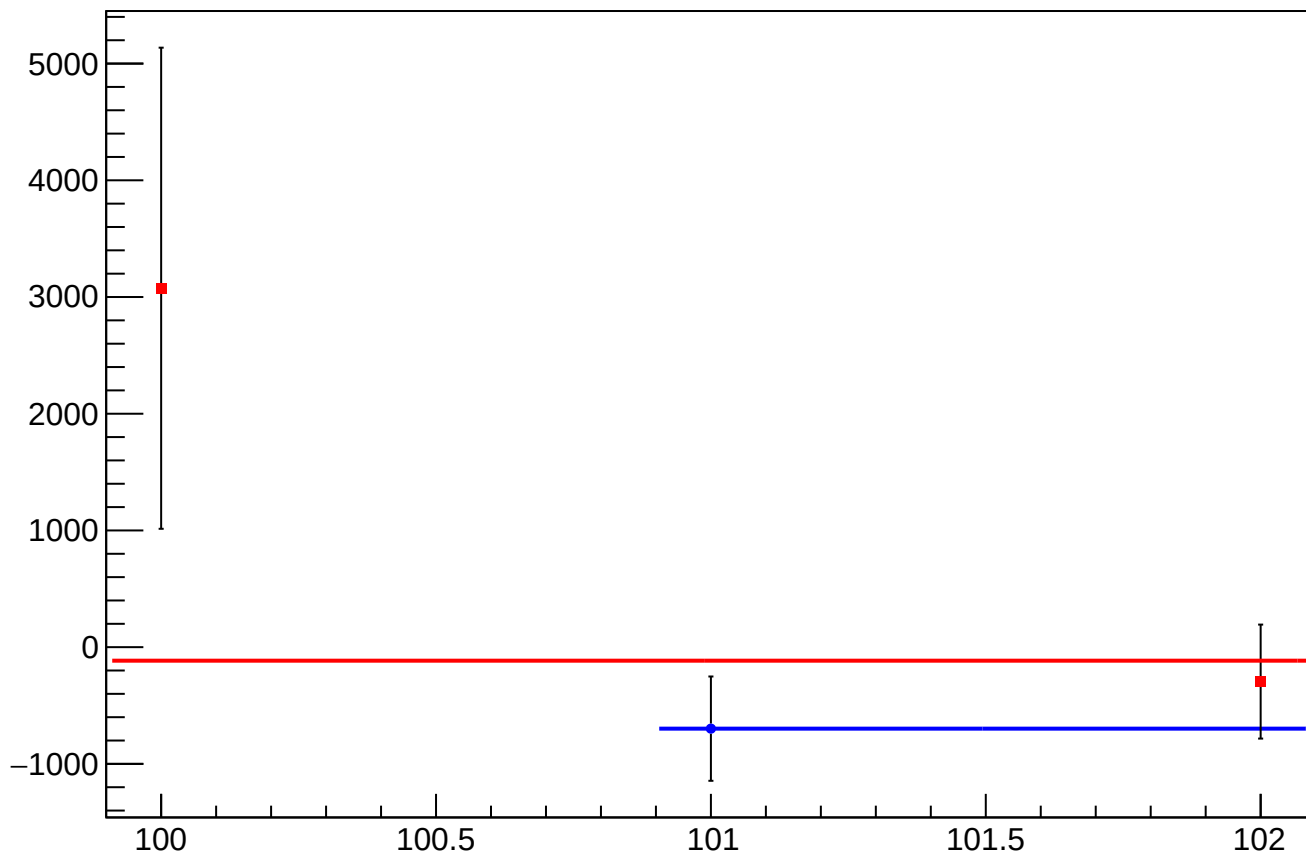
Right: 387.131+/-0.234 χ^2/NDF : 2953.4/2

In: 381.386+/-0.333 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 387.131+/-0.234 χ^2/NDF : 2953.4/2

asym_sam6_mean vs Slug, Sign Corrected



Right In: -698.192+/-446.819 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -115.852+/-475.215 χ^2/NDF : 2.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

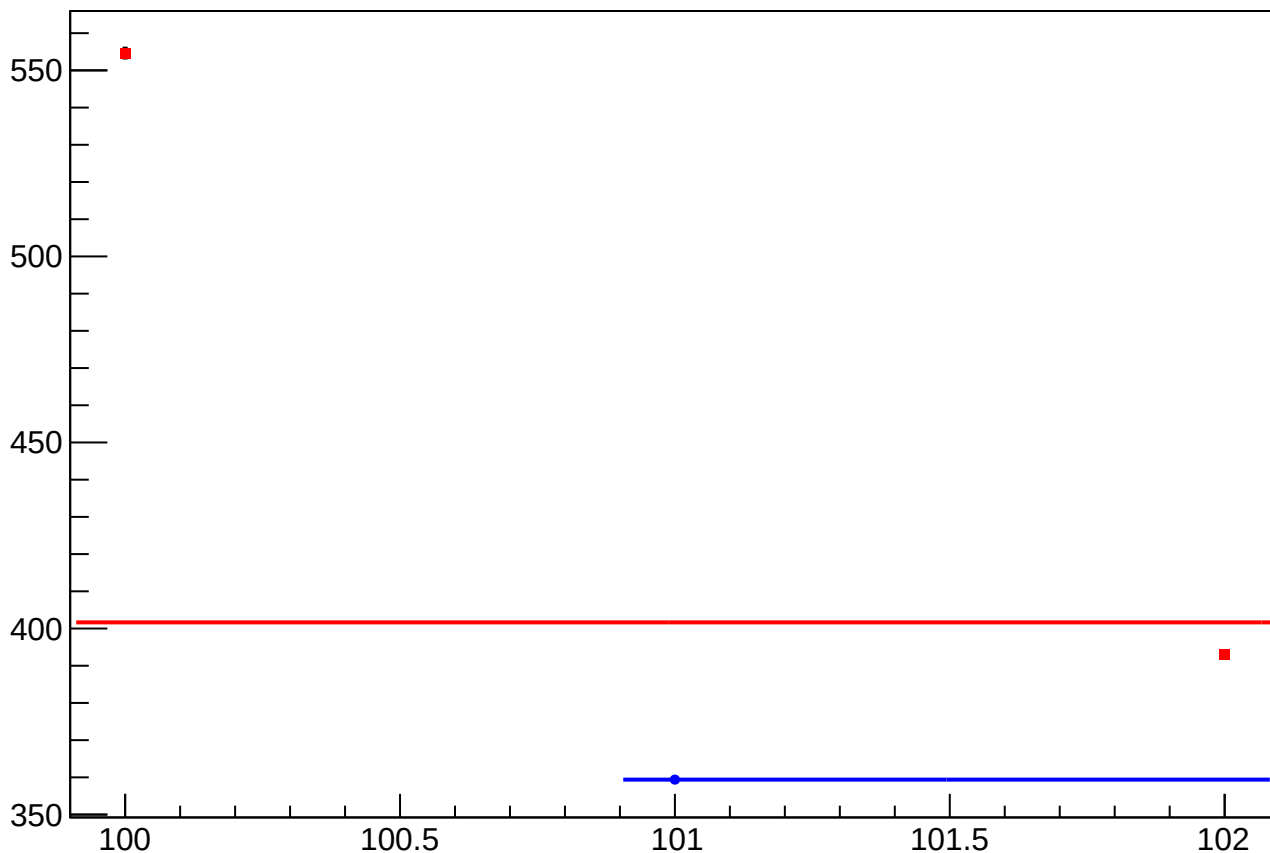
Right: -424.939+/-325.524 χ^2/NDF : 3.3/2

In: -698.192+/-446.819 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -424.939+/-325.524 χ^2/NDF : 3.3/2

asym_sam6_rms vs Slug, Sign Corrected



Right In: 359.392 $\pm$ 0.316 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 401.650 $\pm$ 0.336 χ^2 /NDF: 11638.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

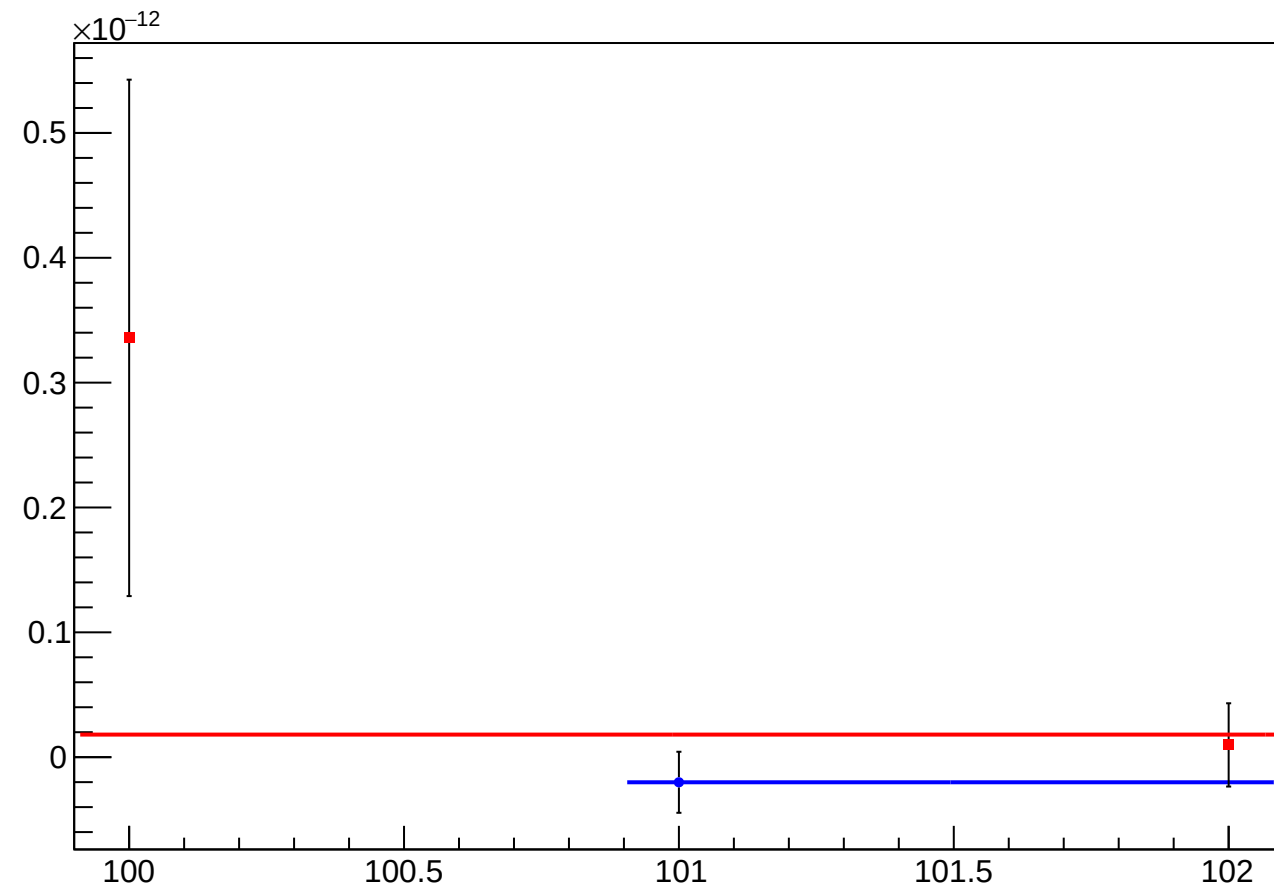
Right: 379.221 $\pm$ 0.230 χ^2 /NDF: 20032.4/2

In: 359.392 $\pm$ 0.316 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 379.221 $\pm$ 0.230 χ^2 /NDF: 20032.4/2

asym_sam6_reg_vs_cor_diff_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 : 2.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

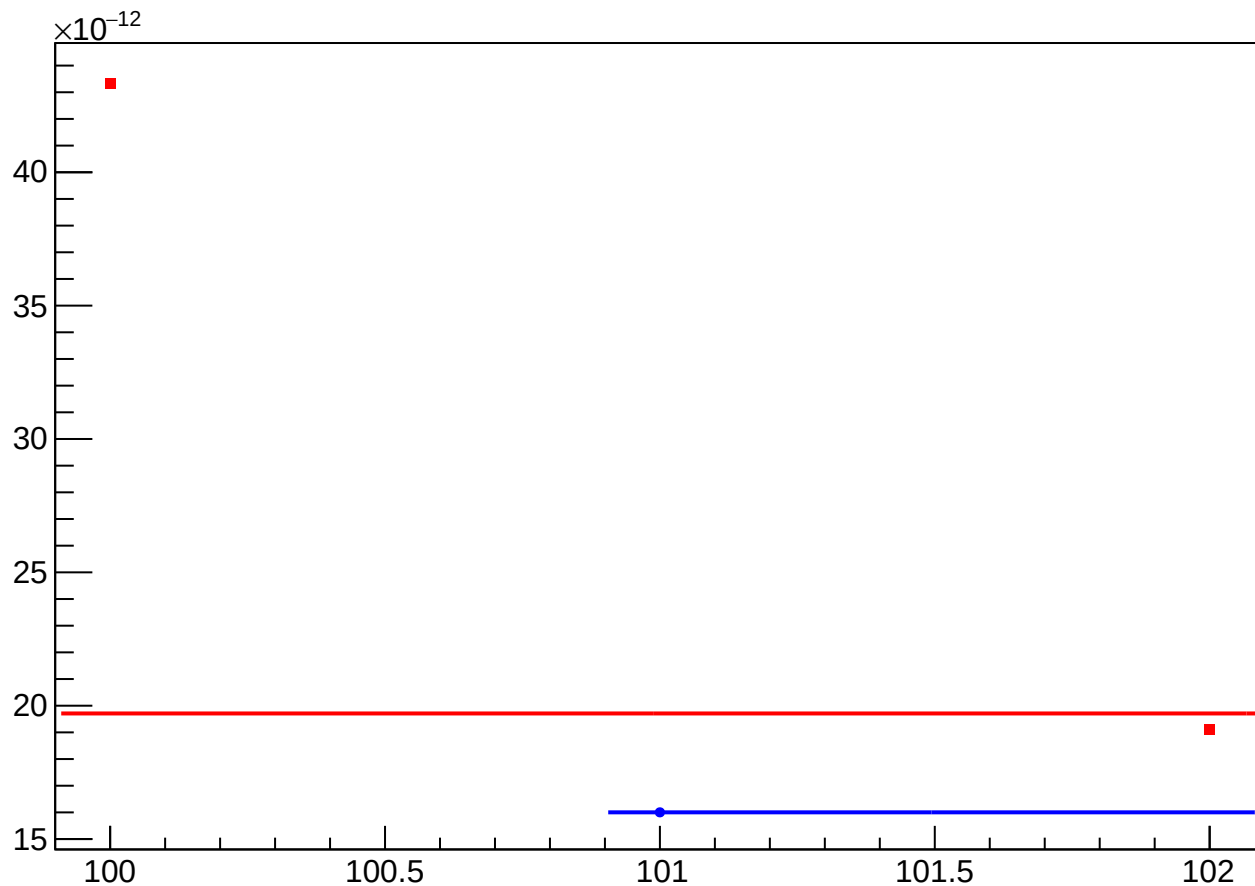
Right: -0.000+/-0.000 χ^2/NDF : 3.3/2

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 : 3.3/2

asym_sam6_reg_vs_cor_diff_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 : 26754.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

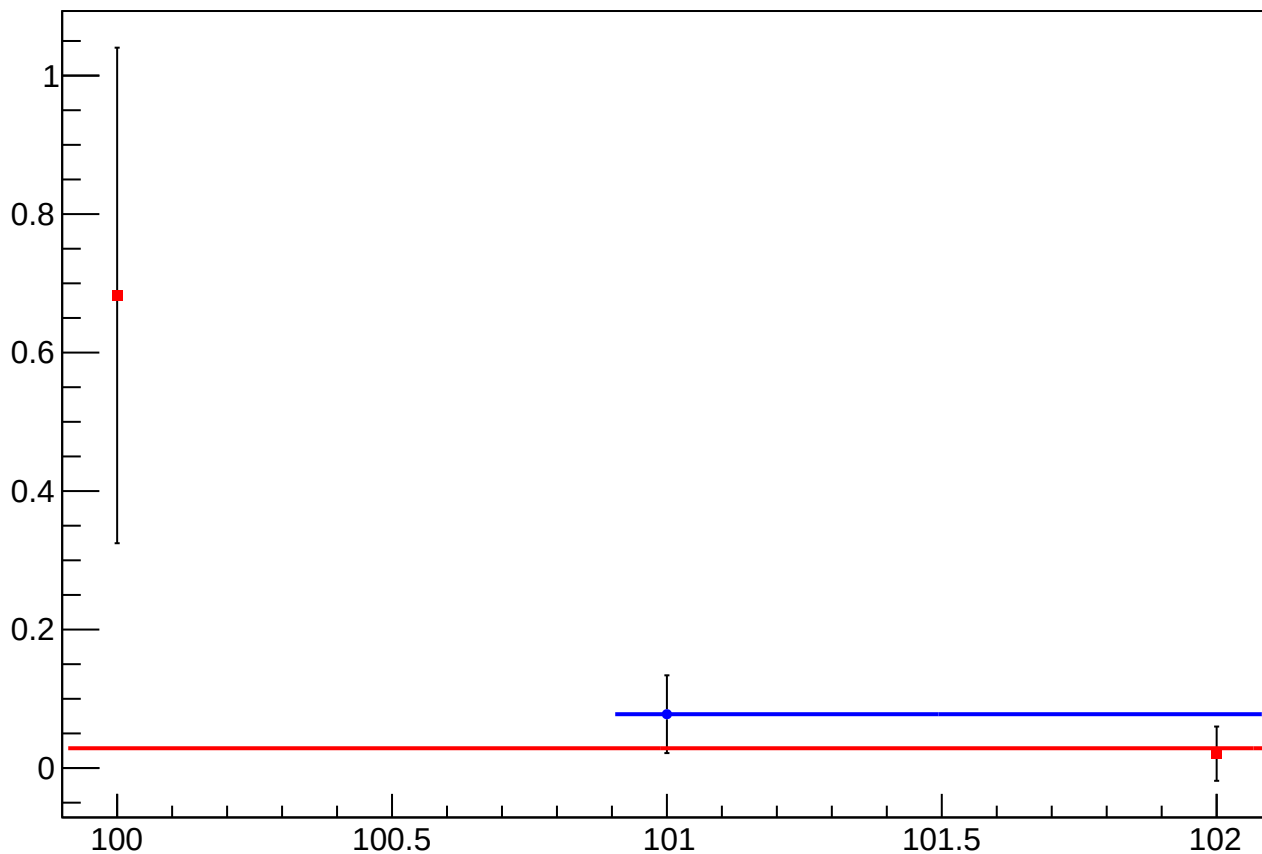
Right: 0.000+/-0.000 χ^2/NDF : 43101.2/2

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 : 43101.2/2

asym_sam6_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.078+/-0.056 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.029+/-0.039 χ^2/NDF : 3.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

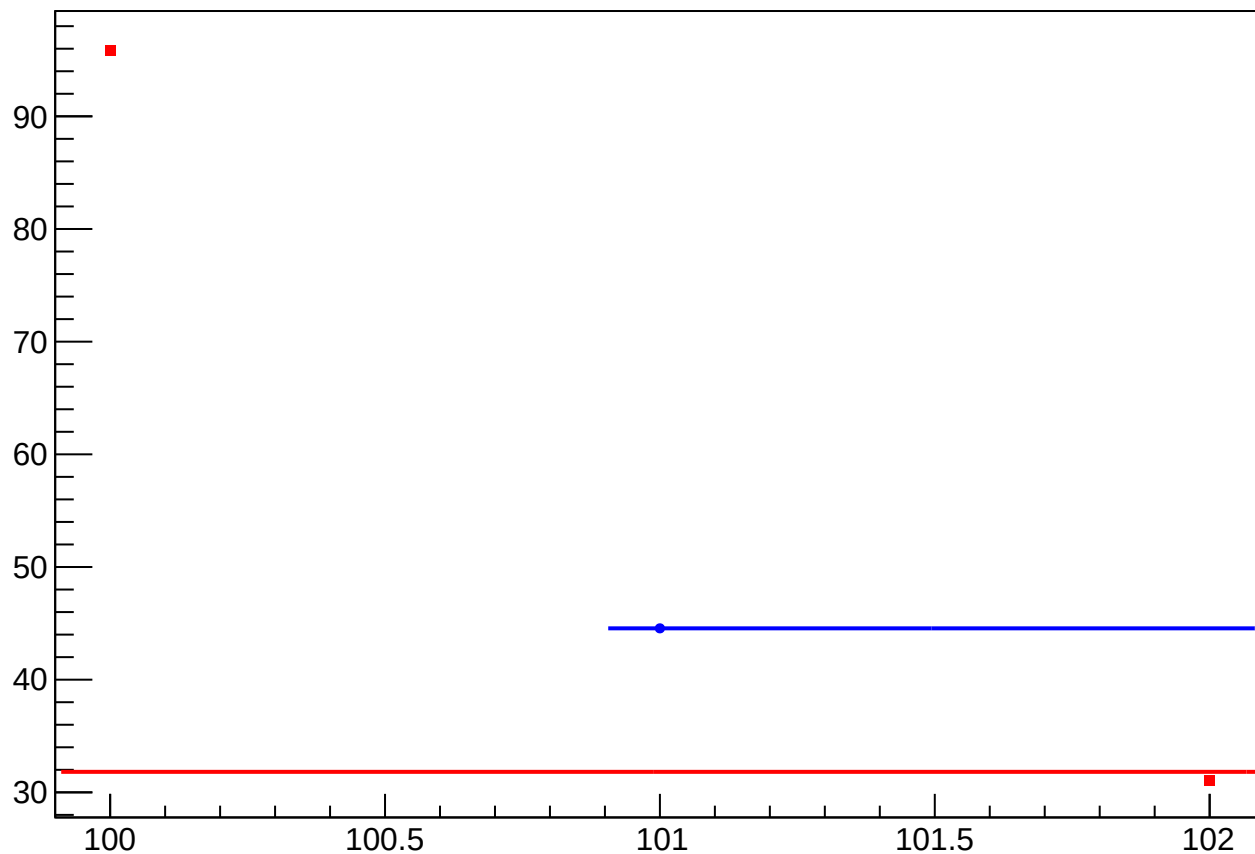
Right: 0.045+/-0.032 χ^2/NDF : 3.9/2

In: 0.078+/-0.056 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.045+/-0.032 χ^2/NDF : 3.9/2

asym_sam6_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.556 $\pm$ 0.040 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 31.821 $\pm$ 0.028 χ^2 /NDF: 64783.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

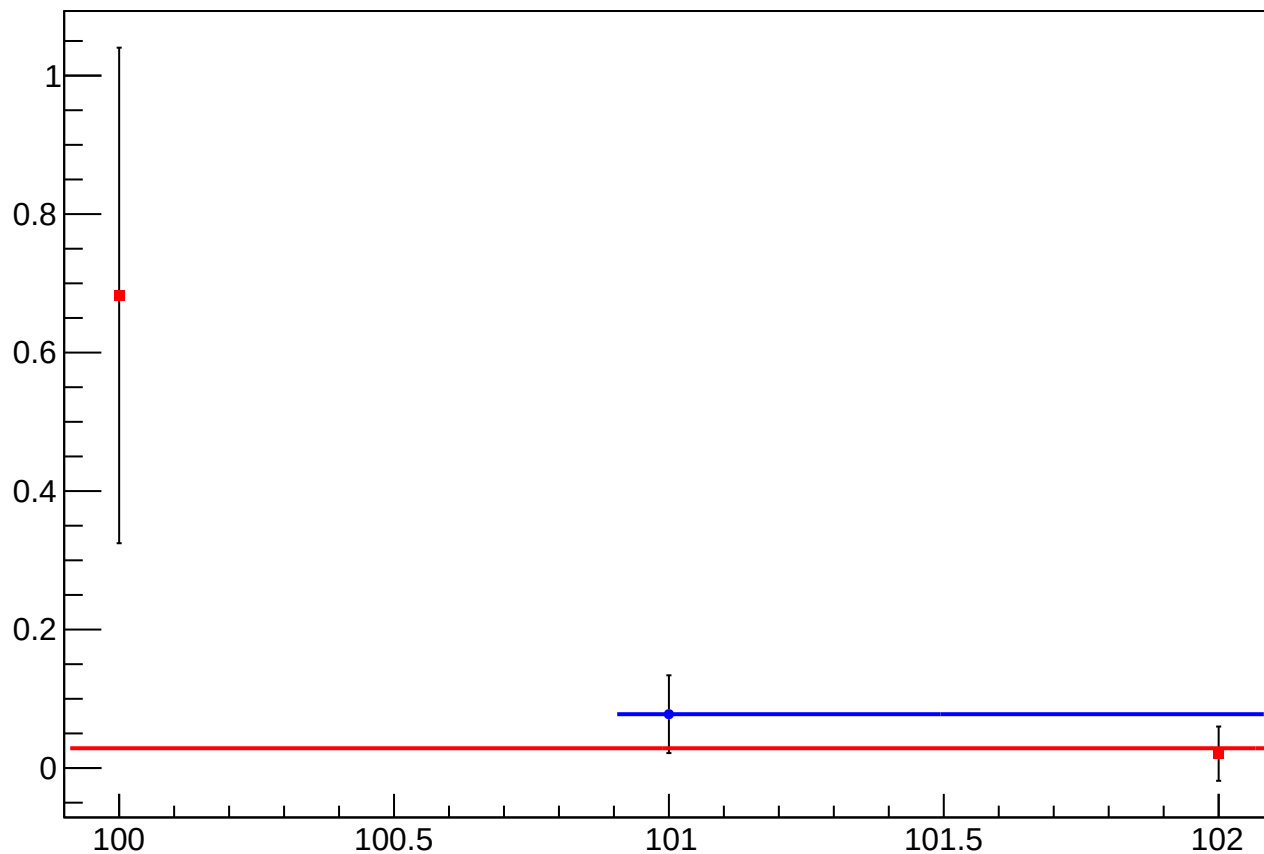
Right: 35.956 $\pm$ 0.023 χ^2 /NDF: 134246.3/2

In: 44.556 $\pm$ 0.040 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 35.956 $\pm$ 0.023 χ^2 /NDF: 134246.3/2

asym_sam6_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.078+/-0.056 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.029+/-0.039 χ^2/NDF : 3.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

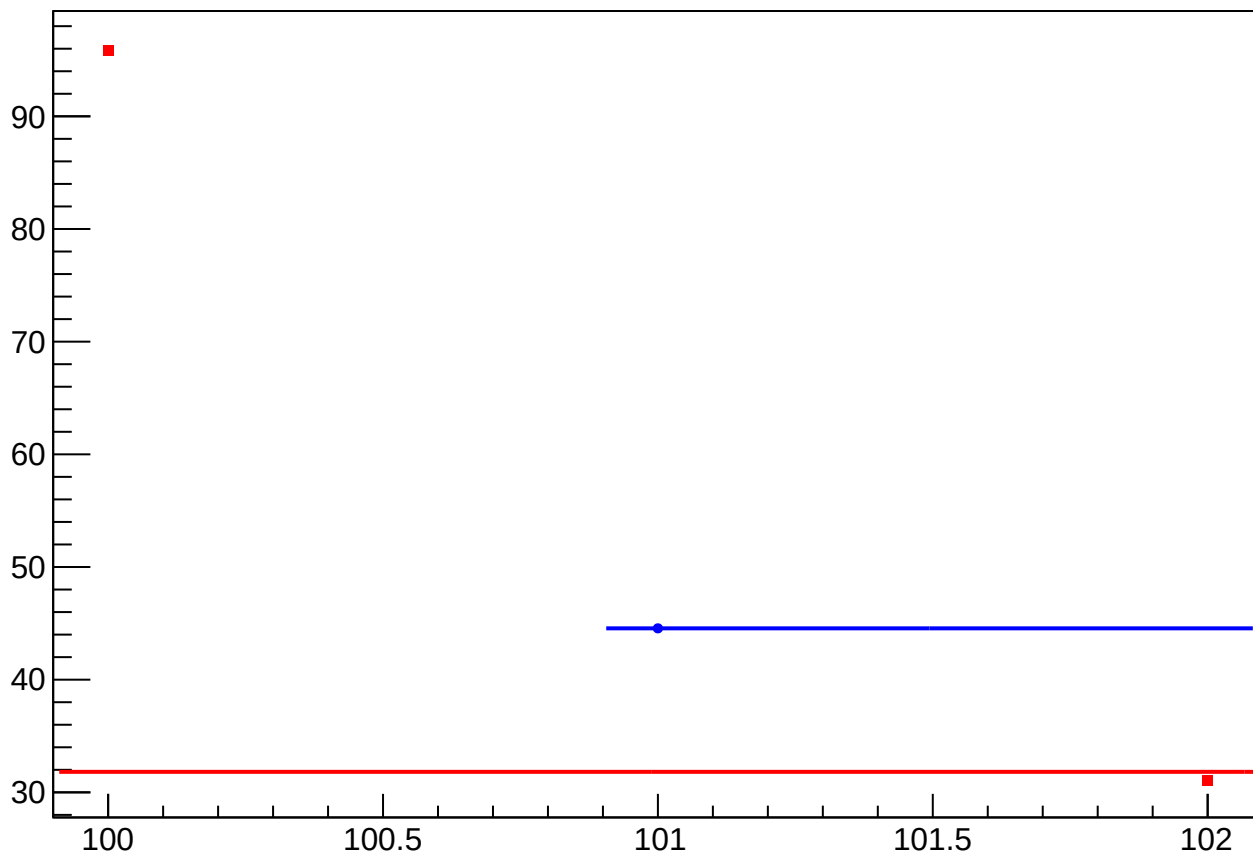
Right: 0.045+/-0.032 χ^2/NDF : 3.9/2

In: 0.078+/-0.056 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.045+/-0.032 χ^2/NDF : 3.9/2

asym_sam6_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.556 $\pm$ 0.040 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 31.821 $\pm$ 0.028 χ^2 /NDF: 64783.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

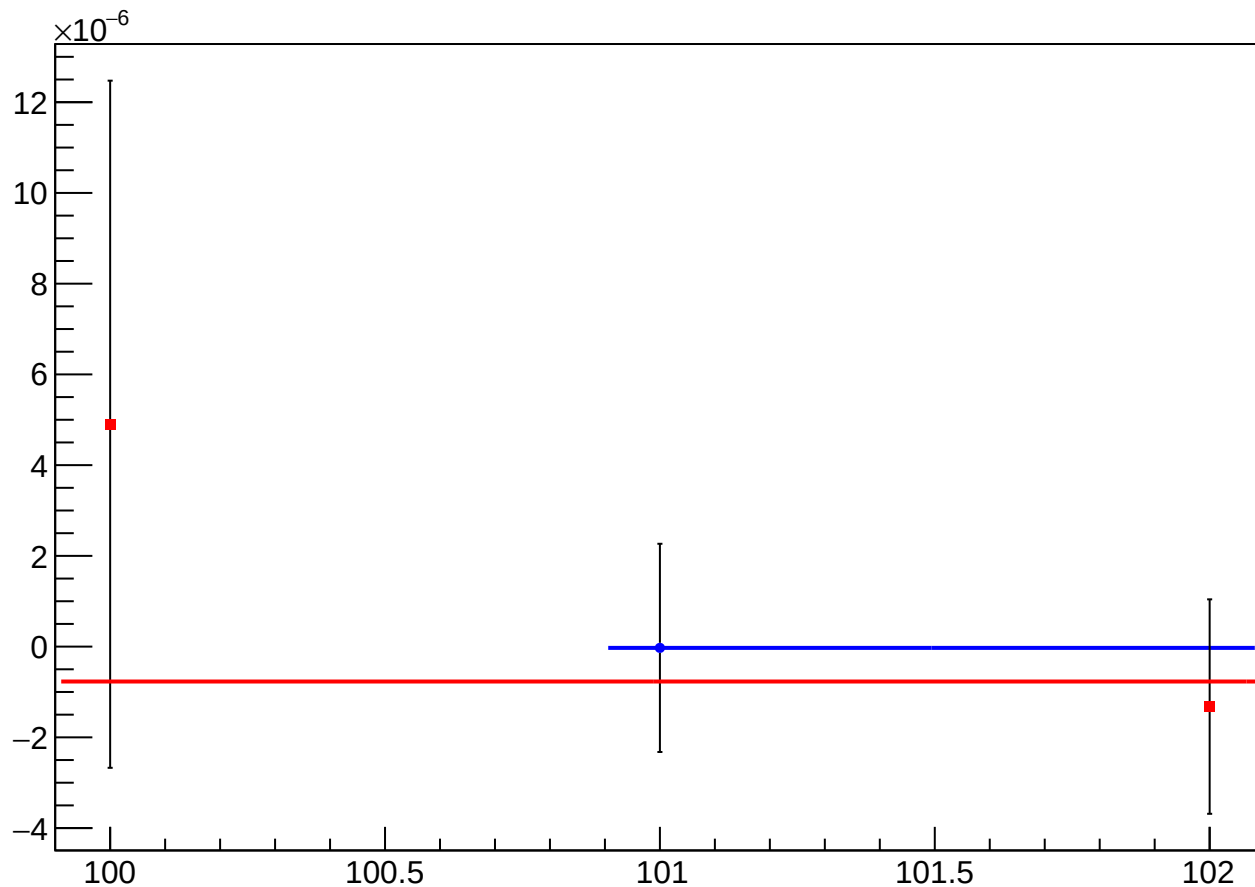
Right: 35.956 $\pm$ 0.023 χ^2 /NDF: 134246.3/2

In: 44.556 $\pm$ 0.040 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 35.956 $\pm$ 0.023 χ^2 /NDF: 134246.3/2

asym_sam6_eigen_dit_vs_dit_diff_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 : 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

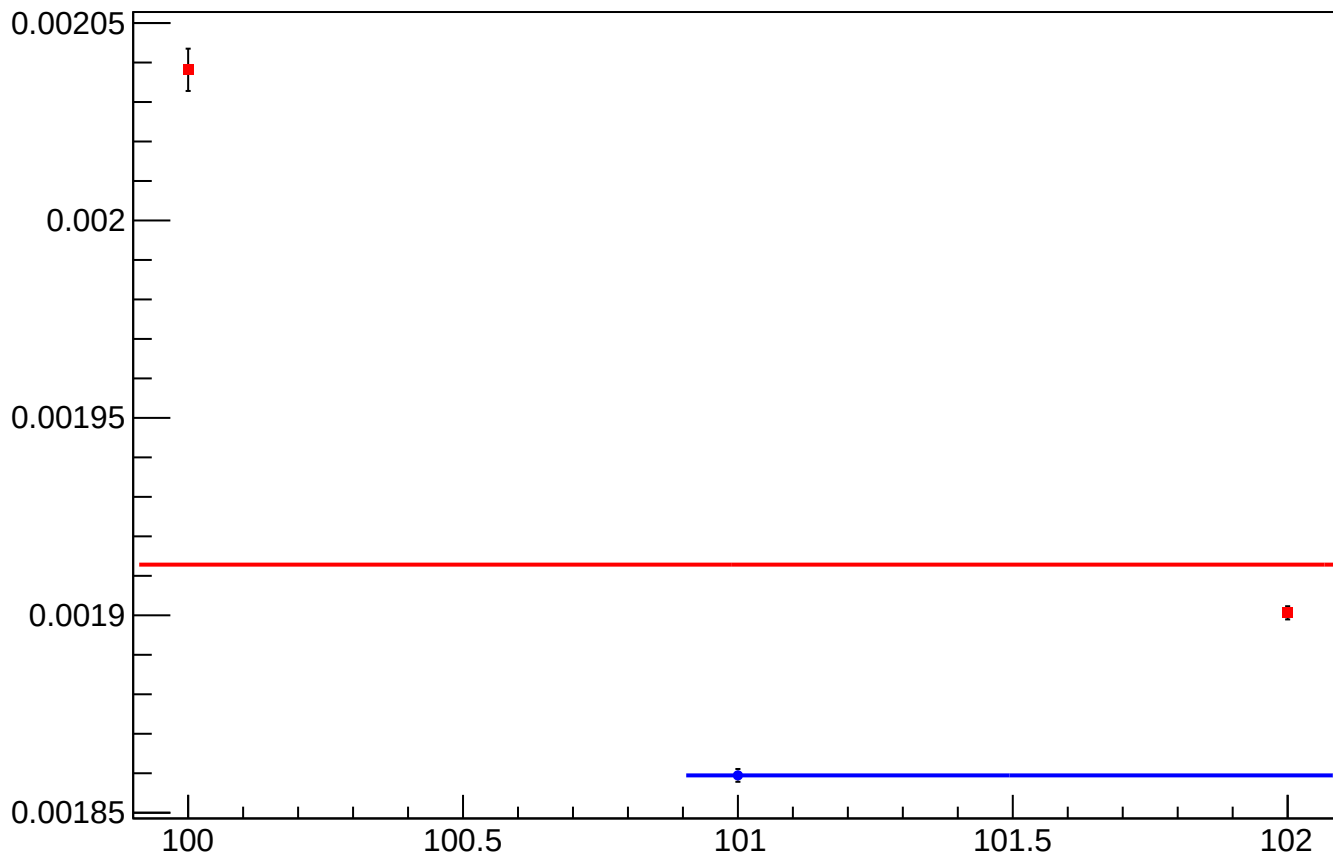
Right: -0.000+/-0.000 χ^2/NDF : 0.7/2

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 : 0.7/2

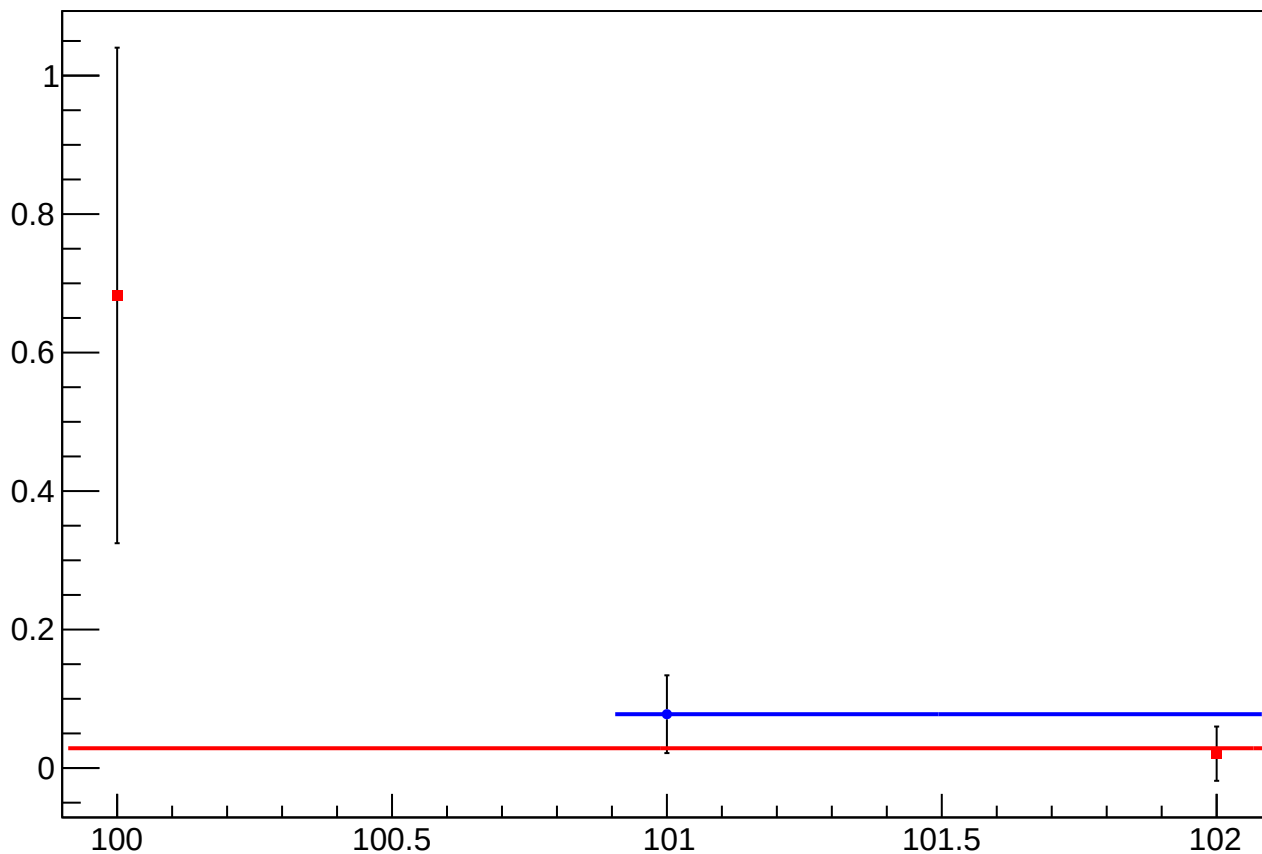
asym_sam6_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.002+/-0.000 χ^2/NDF : 601.0/1
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.002+/-0.000 χ^2/NDF : 1151.3/2
 In: 0.002+/-0.000 χ^2/NDF : 0.0/0
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.002+/-0.000 χ^2/NDF : 1151.3/2

asym_sam6_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.078+/-0.056 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.029+/-0.039 χ^2/NDF : 3.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

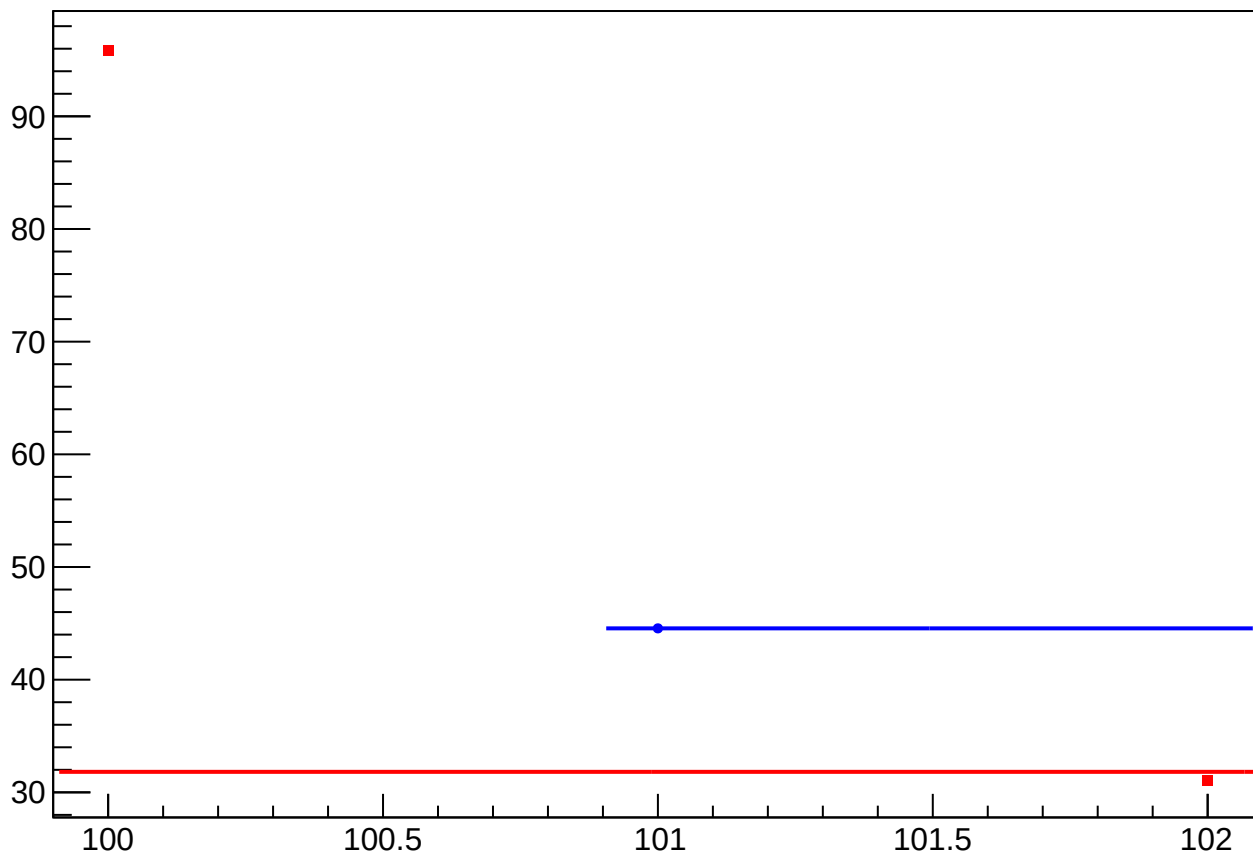
Right: 0.045+/-0.032 χ^2/NDF : 3.9/2

In: 0.078+/-0.056 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.045+/-0.032 χ^2/NDF : 3.9/2

asym_sam6_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.555+/-0.040 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.821+/-0.028 χ^2/NDF : 64783.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

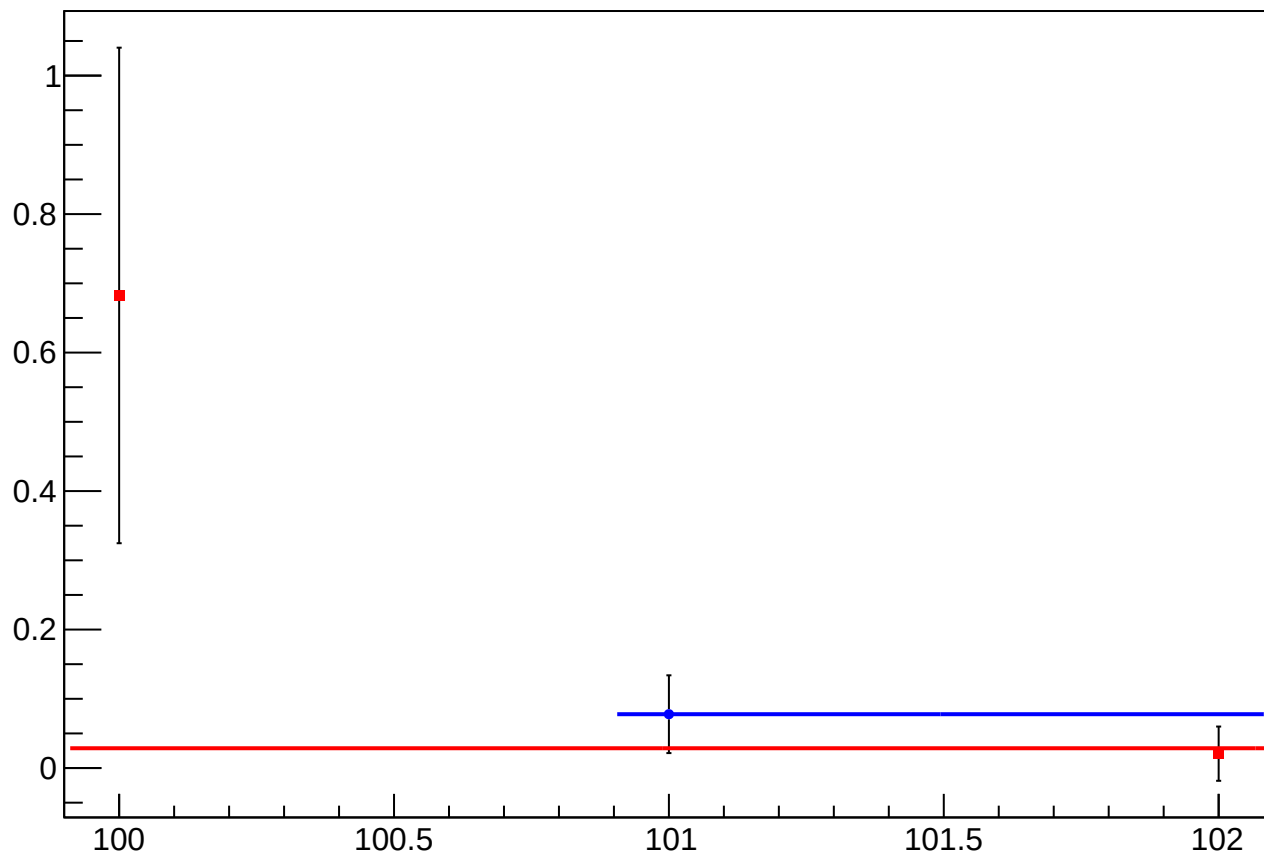
Right: 35.956+/-0.023 χ^2/NDF : 134229.8/2

In: 44.555+/-0.040 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.956+/-0.023 χ^2/NDF : 134229.8/2

asym_sam6_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.078 $\pm$ 0.056 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.029 $\pm$ 0.039 χ^2 /NDF: 3.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

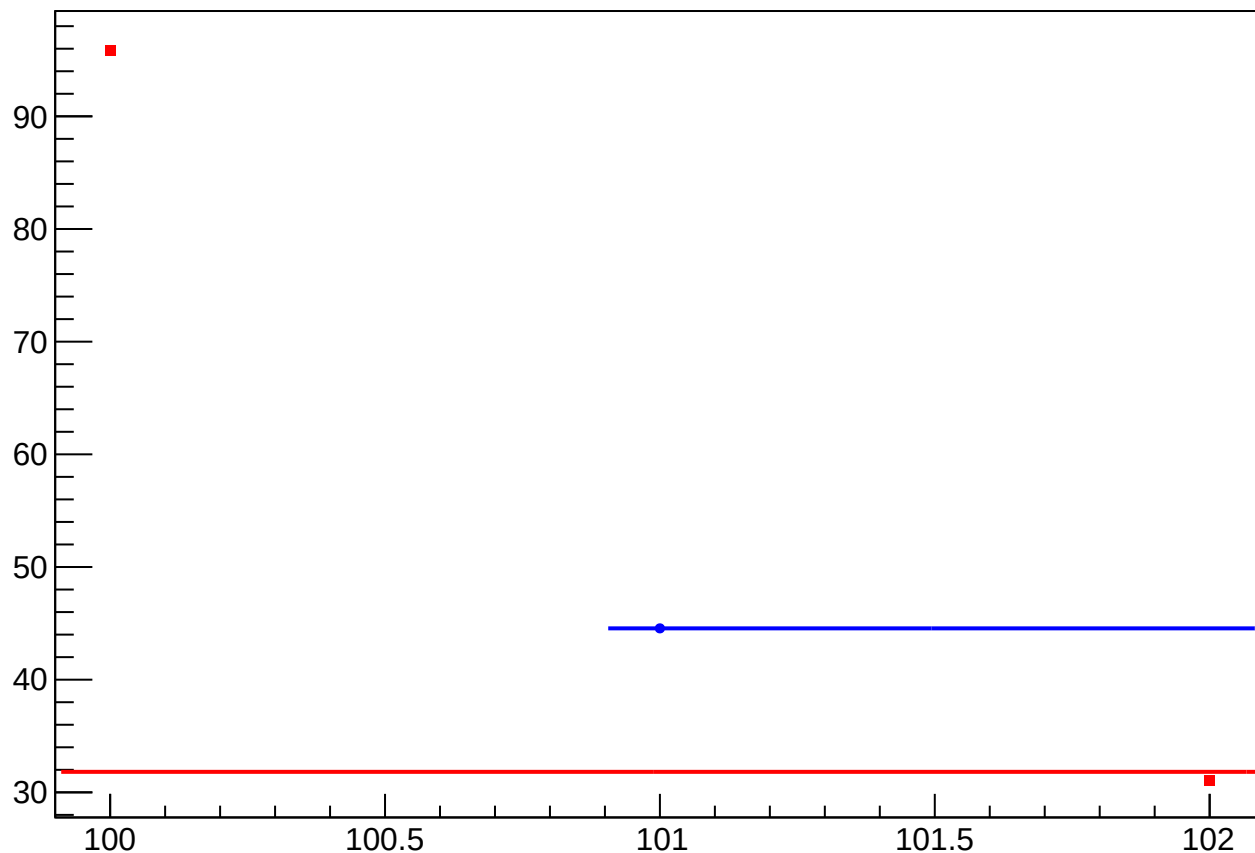
Right: 0.045 $\pm$ 0.032 χ^2 /NDF: 3.9/2

In: 0.078 $\pm$ 0.056 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.045 $\pm$ 0.032 χ^2 /NDF: 3.9/2

asym_sam6_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.555+/-0.040 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.821+/-0.028 χ^2/NDF : 64783.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

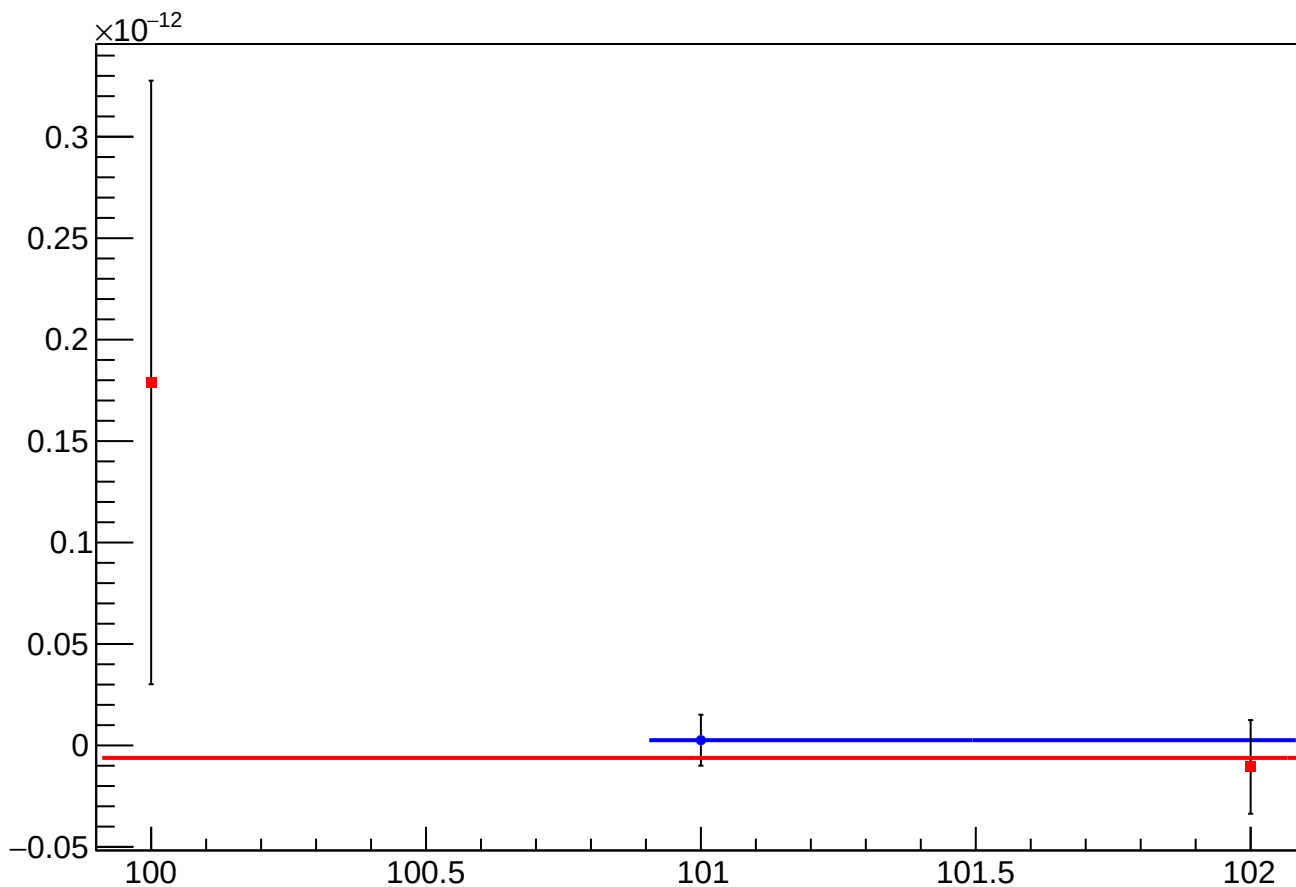
Right: 35.956+/-0.023 χ^2/NDF : 134229.8/2

In: 44.555+/-0.040 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.956+/-0.023 χ^2/NDF : 134229.8/2

asym_sam6_eigen_cor_vs_cor_diff_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 : 1.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

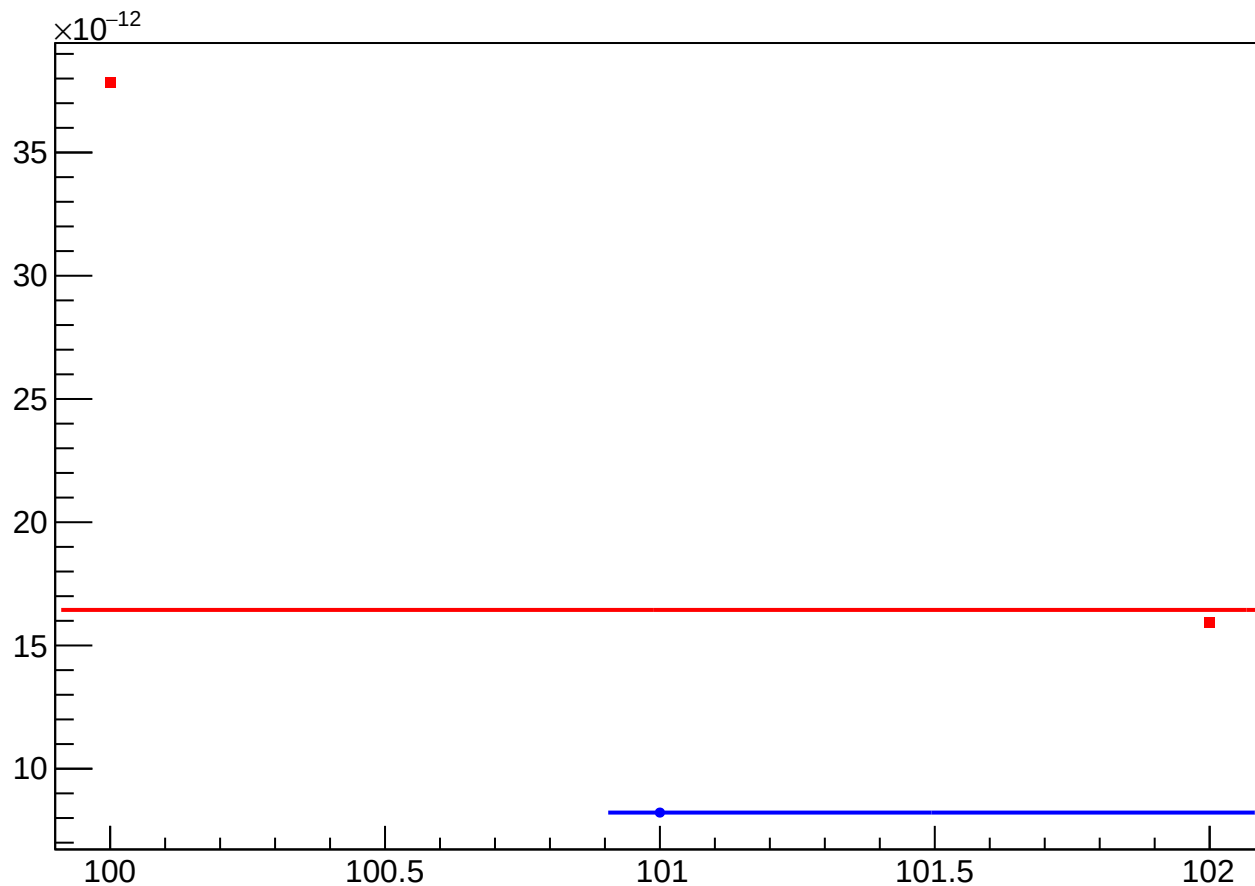
Right: 0.000+/-0.000 χ^2/NDF : 1.7/2

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 : 1.7/2

asym_sam6_eigen_cor_vs_cor_diff_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 : 42424.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

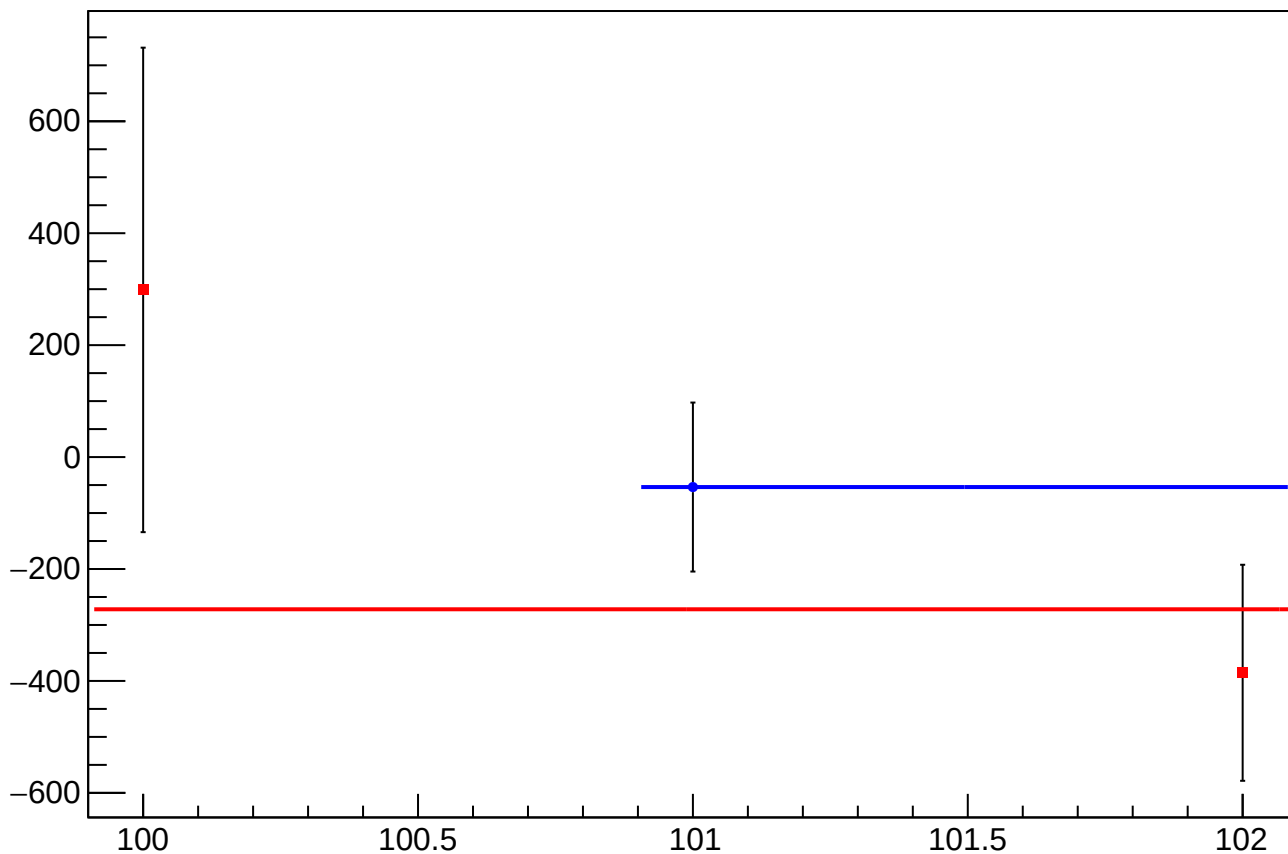
Right: 0.000+/-0.000 χ^2/NDF : 241725.1/2

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 : 241725.1/2

reg_asym_sam7_mean vs Slug, Sign Corrected



Right In: -53.568+/-150.979 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -271.966+/-176.273 χ^2/NDF : 2.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

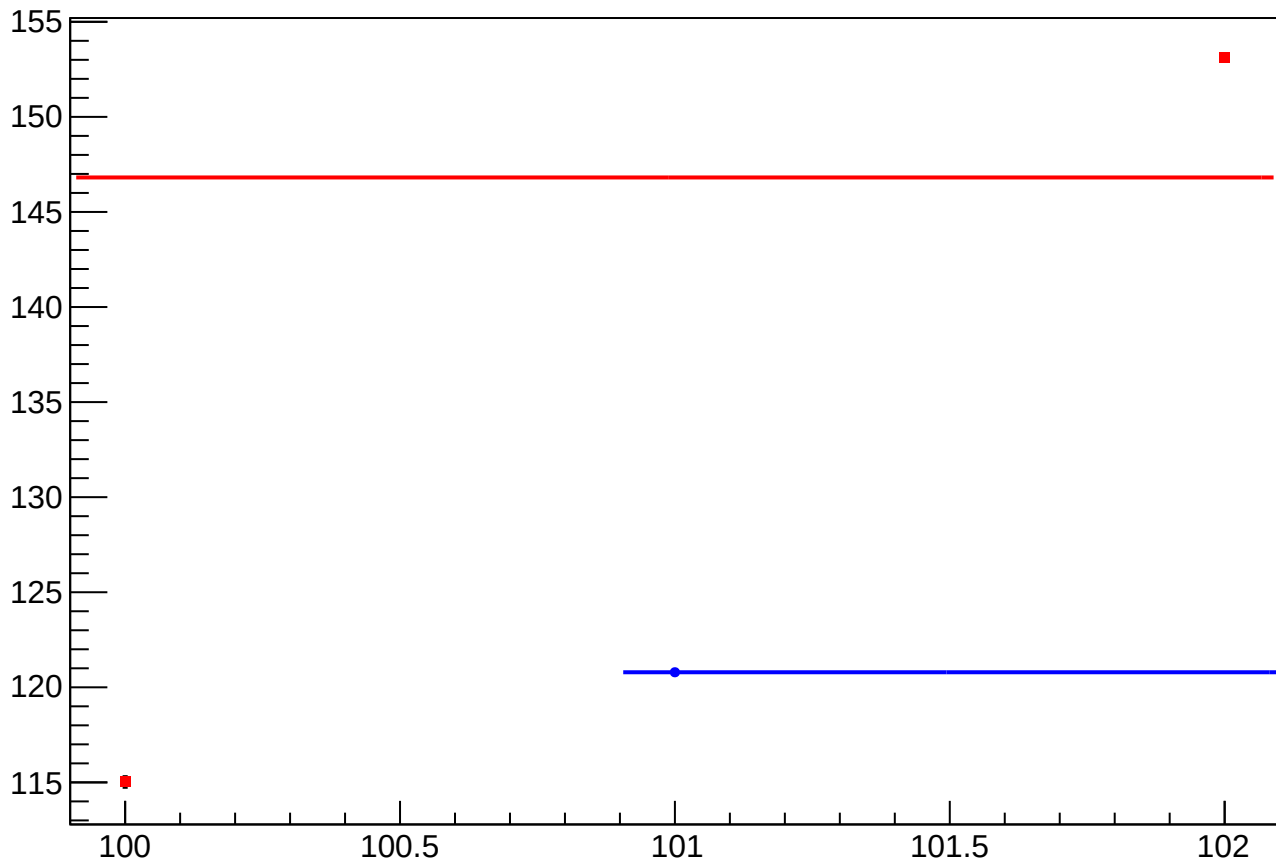
Right: -145.987+/-114.668 χ^2/NDF : 3.0/2

In: -53.568+/-150.979 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -145.987+/-114.668 χ^2/NDF : 3.0/2

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 120.792 $\pm$ 0.107 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 146.814 $\pm$ 0.125 χ^2 /NDF: 12935.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

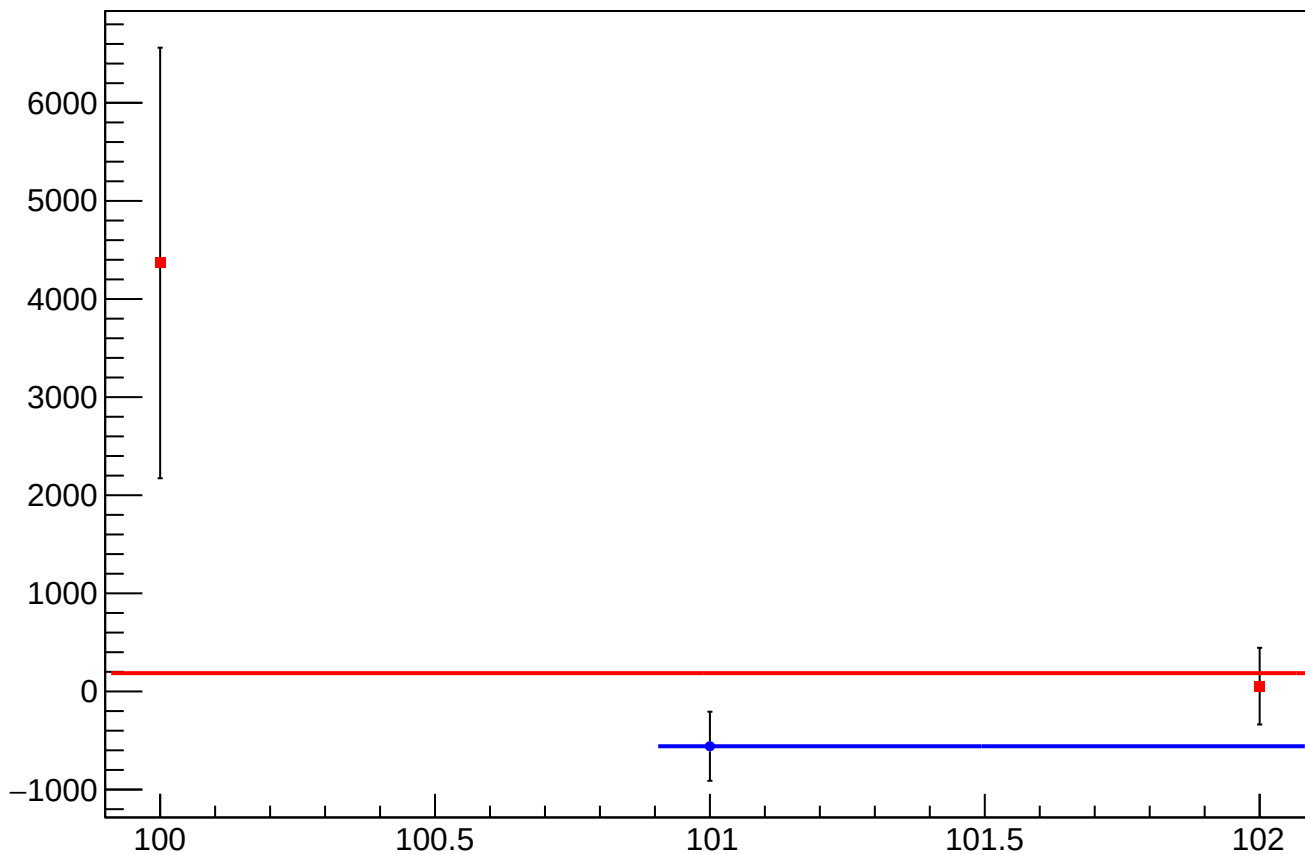
Right: 131.803 $\pm$ 0.081 χ^2 /NDF: 38077.5/2

In: 120.792 $\pm$ 0.107 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 131.803 $\pm$ 0.081 χ^2 /NDF: 38077.5/2

asym_sam7_reg_correction_mean vs Slug, Sign Corrected



Right In: -558.545+/-352.156 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 186.437+/-384.713 χ^2/NDF : 3.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

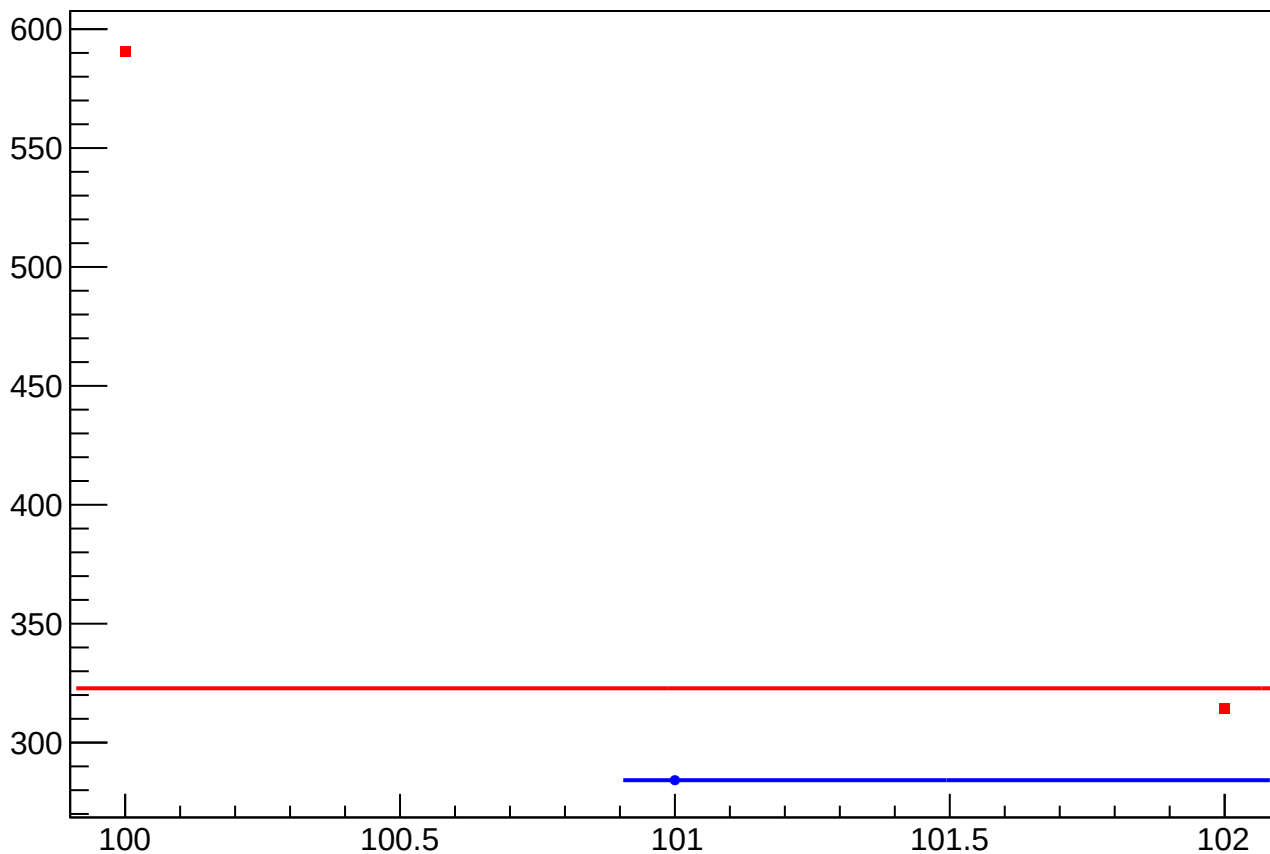
Right: -218.905+/-259.761 χ^2/NDF : 5.8/2

In: -558.545+/-352.156 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -218.905+/-259.761 χ^2/NDF : 5.8/2

asym_sam7_reg_correction_rms vs Slug, Sign Corrected



Right In: 284.188+/-0.249 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 322.829+/-0.272 χ^2/NDF : 30734.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

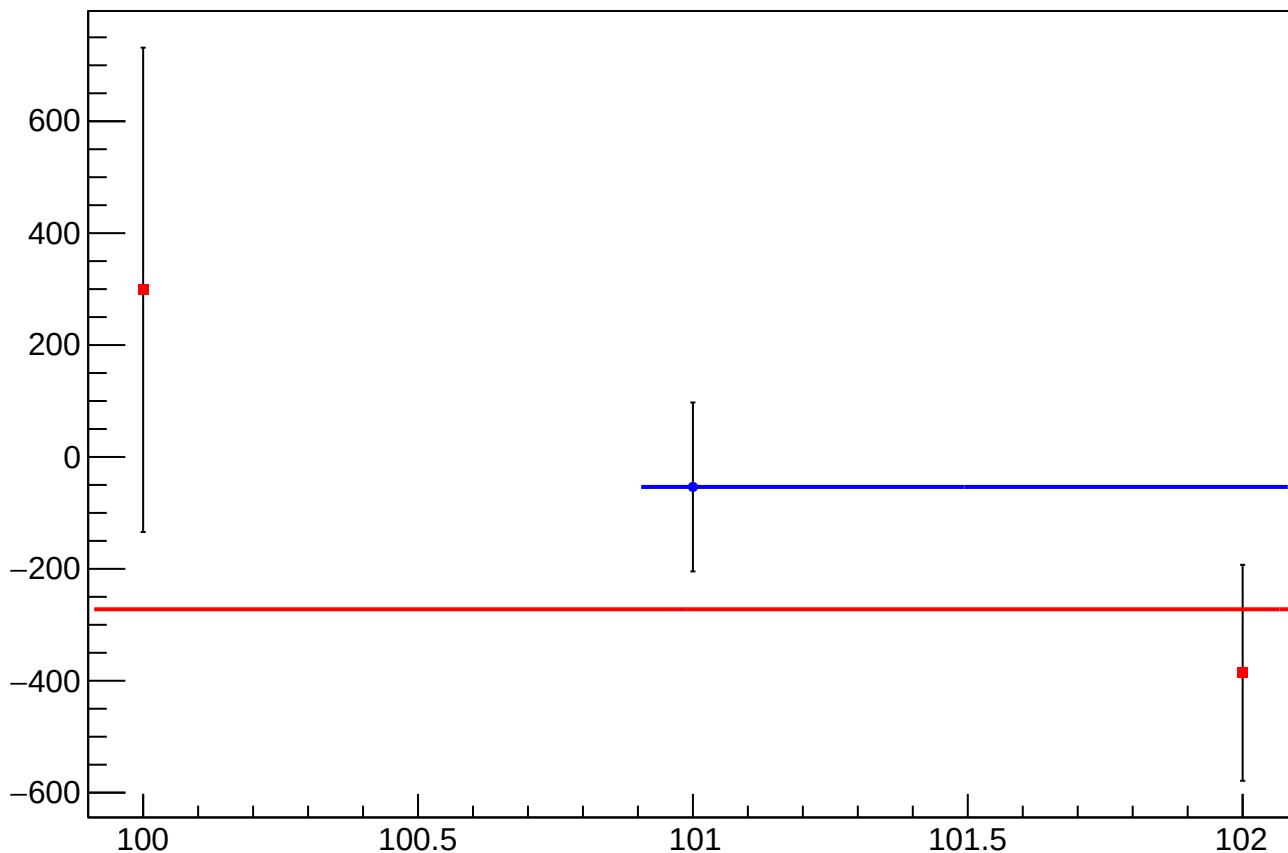
Right: 301.804+/-0.184 χ^2/NDF : 41712.7/2

In: 284.188+/-0.249 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 301.804+/-0.184 χ^2/NDF : 41712.7/2

cor_asym_sam7_mean vs Slug, Sign Corrected



Right In: -53.583+/-150.979 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -272.256+/-176.279 χ^2/NDF : 2.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

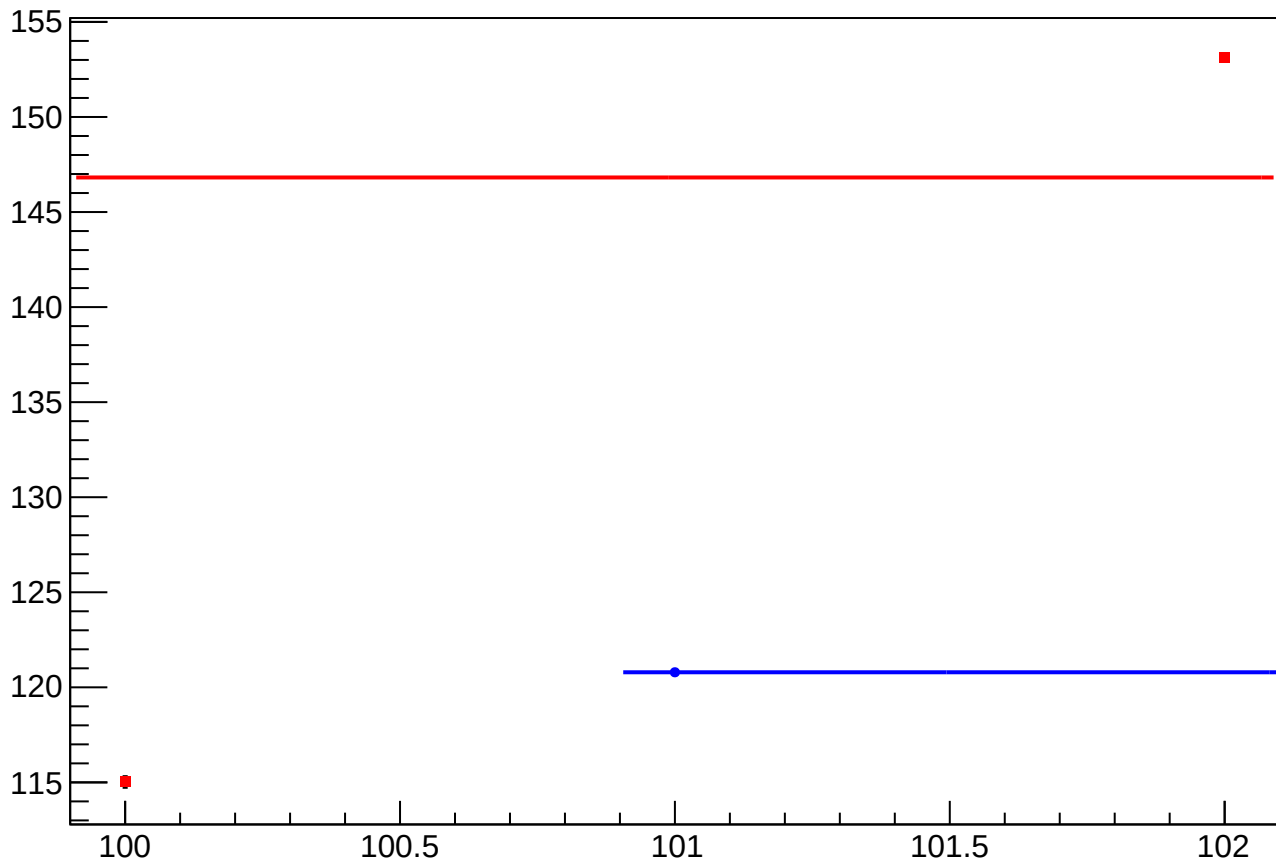
Right: -146.115+/-114.669 χ^2/NDF : 3.0/2

In: -53.583+/-150.979 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -146.115+/-114.669 χ^2/NDF : 3.0/2

cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 120.792 $\pm$ 0.107 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 146.818 $\pm$ 0.125 χ^2 /NDF: 12939.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

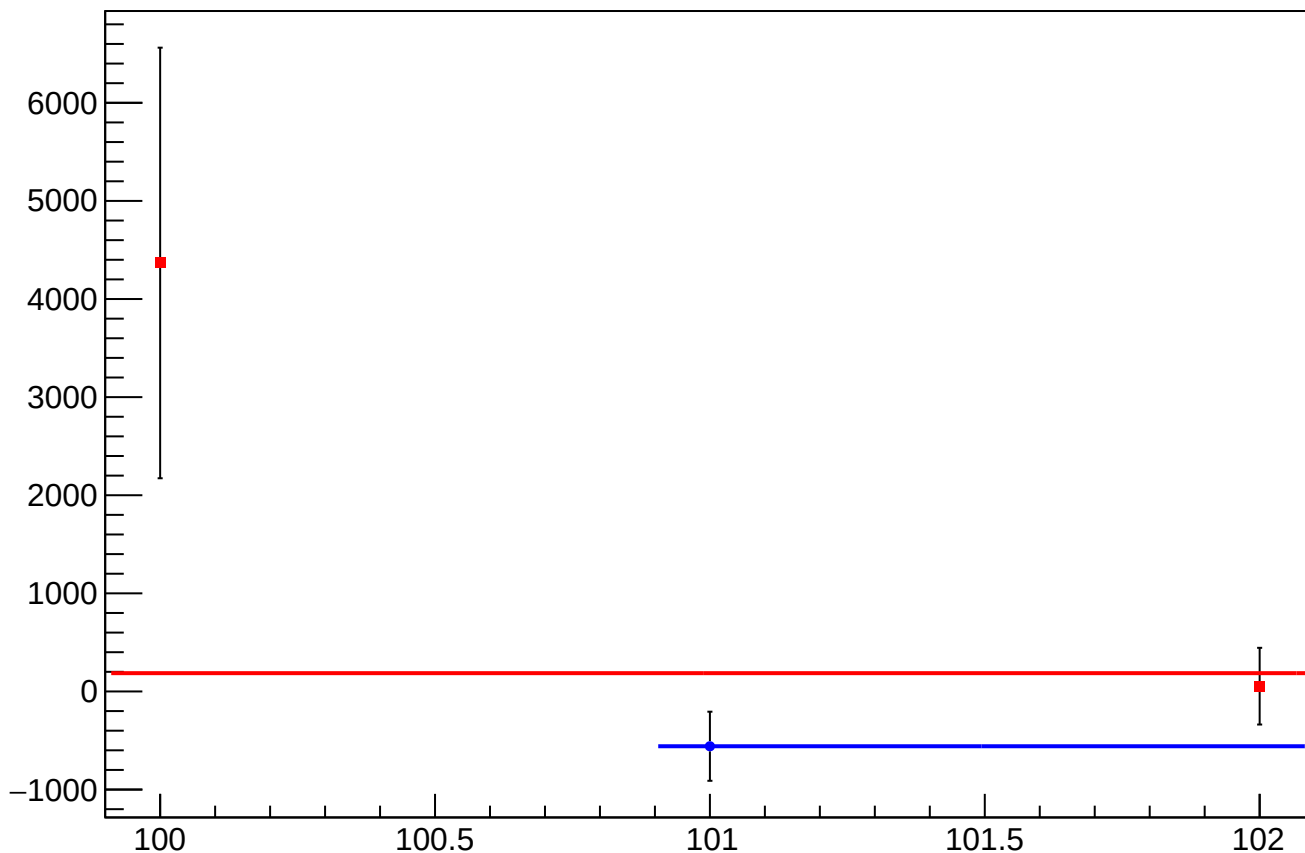
Right: 131.805 $\pm$ 0.081 χ^2 /NDF: 38088.5/2

In: 120.792 $\pm$ 0.107 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 131.805 $\pm$ 0.081 χ^2 /NDF: 38088.5/2

asym_sam7_cor_correction_mean vs Slug, Sign Corrected



Right In: -558.556+/-352.157 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 186.450+/-384.884 χ^2 /NDF: 3.7/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

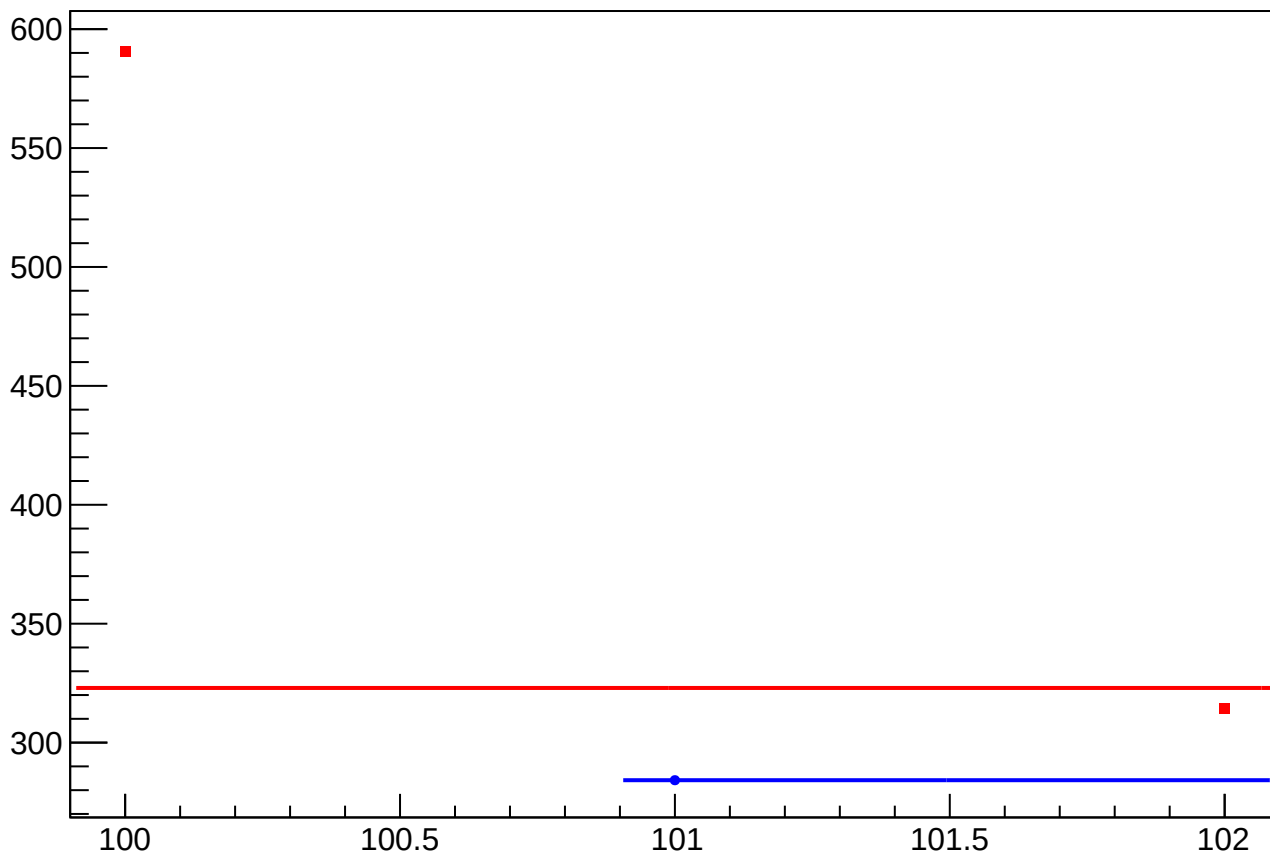
Right: -219.069+/-259.813 χ^2 /NDF: 5.8/2

In: -558.556+/-352.157 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -219.069+/-259.813 χ^2 /NDF: 5.8/2

asym_sam7_cor_correction_rms vs Slug, Sign Corrected



Right In: 284.189+/-0.249 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 322.977+/-0.272 χ^2/NDF : 30701.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

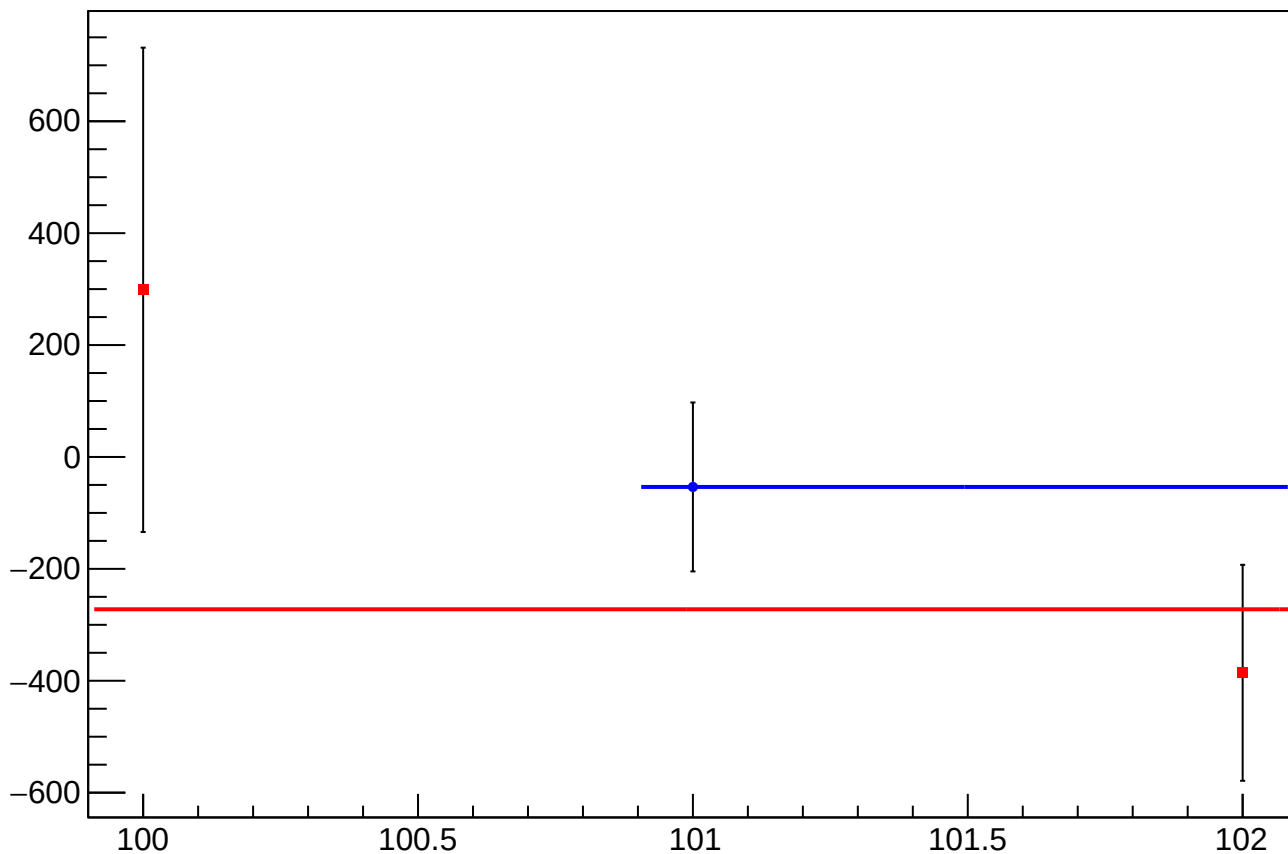
Right: 301.864+/-0.184 χ^2/NDF : 41758.1/2

In: 284.189+/-0.249 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 301.864+/-0.184 χ^2/NDF : 41758.1/2

eigen_cor_asym_sam7_mean vs Slug, Sign Corrected



Right In: -53.583+/-150.979 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -272.256+/-176.279 χ^2/NDF : 2.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

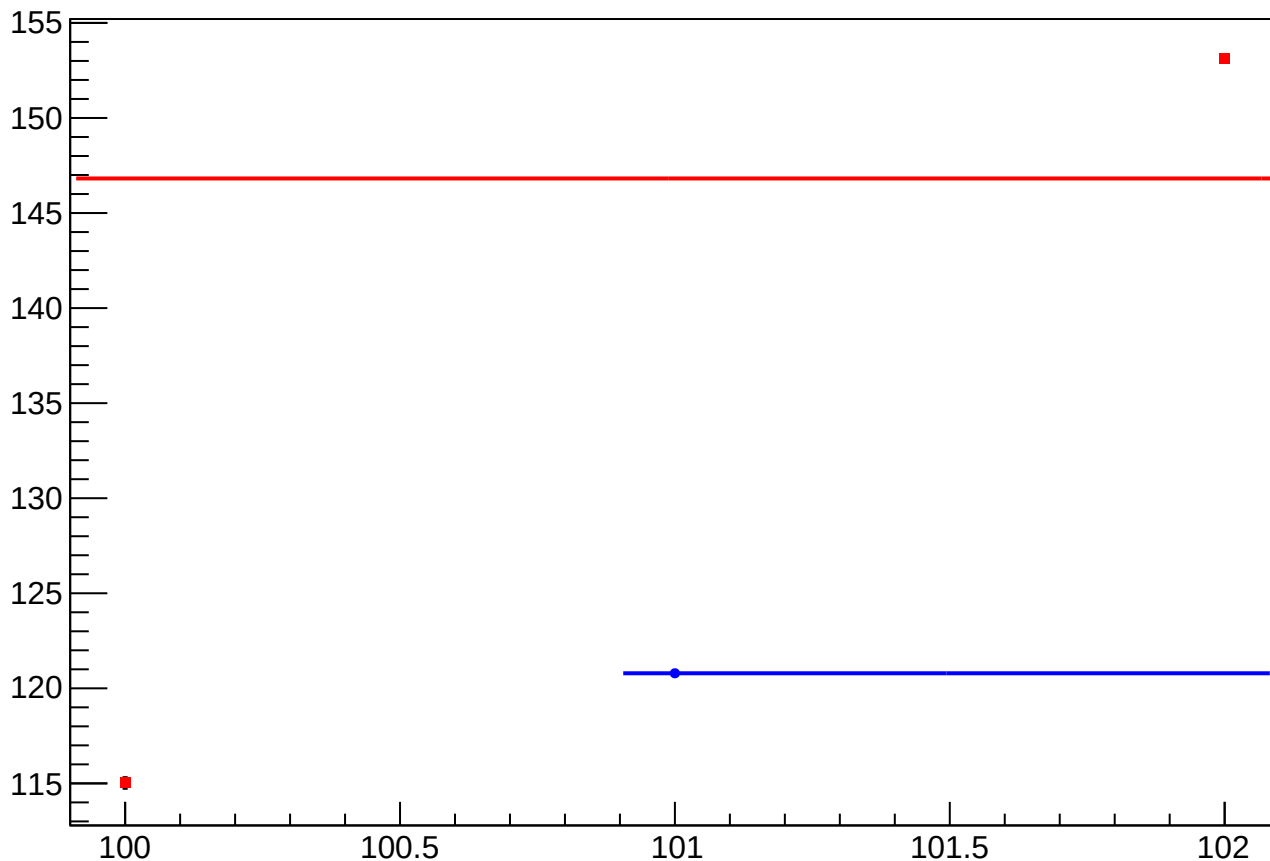
Right: -146.115+/-114.669 χ^2/NDF : 3.0/2

In: -53.583+/-150.979 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -146.115+/-114.669 χ^2/NDF : 3.0/2

eigen_cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 120.792 $\pm$ 0.107 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 146.818 $\pm$ 0.125 χ^2 /NDF: 12939.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

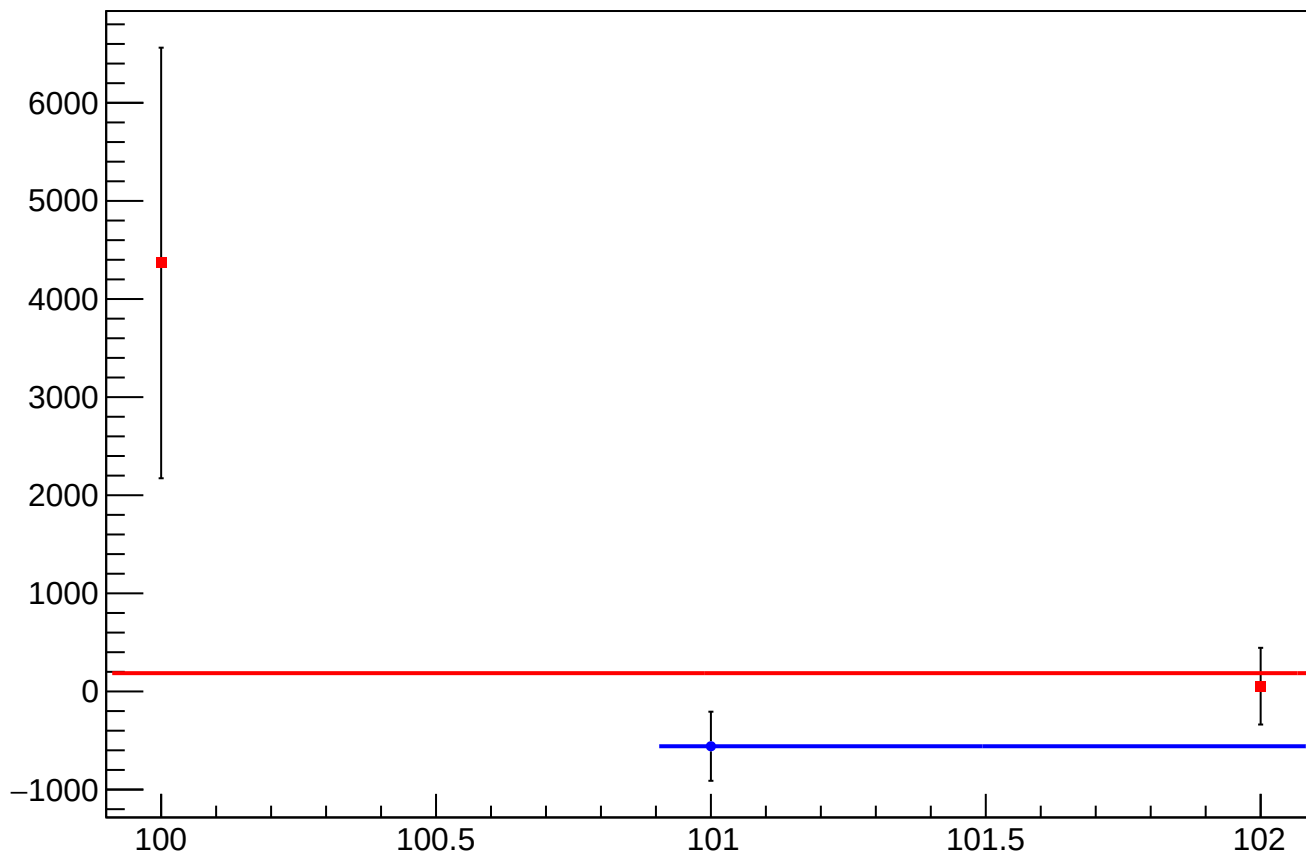
Right: 131.805 $\pm$ 0.081 χ^2 /NDF: 38088.5/2

In: 120.792 $\pm$ 0.107 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 131.805 $\pm$ 0.081 χ^2 /NDF: 38088.5/2

asym_sam7_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -558.556+/-352.157 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 186.450+/-384.884 χ^2/NDF : 3.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

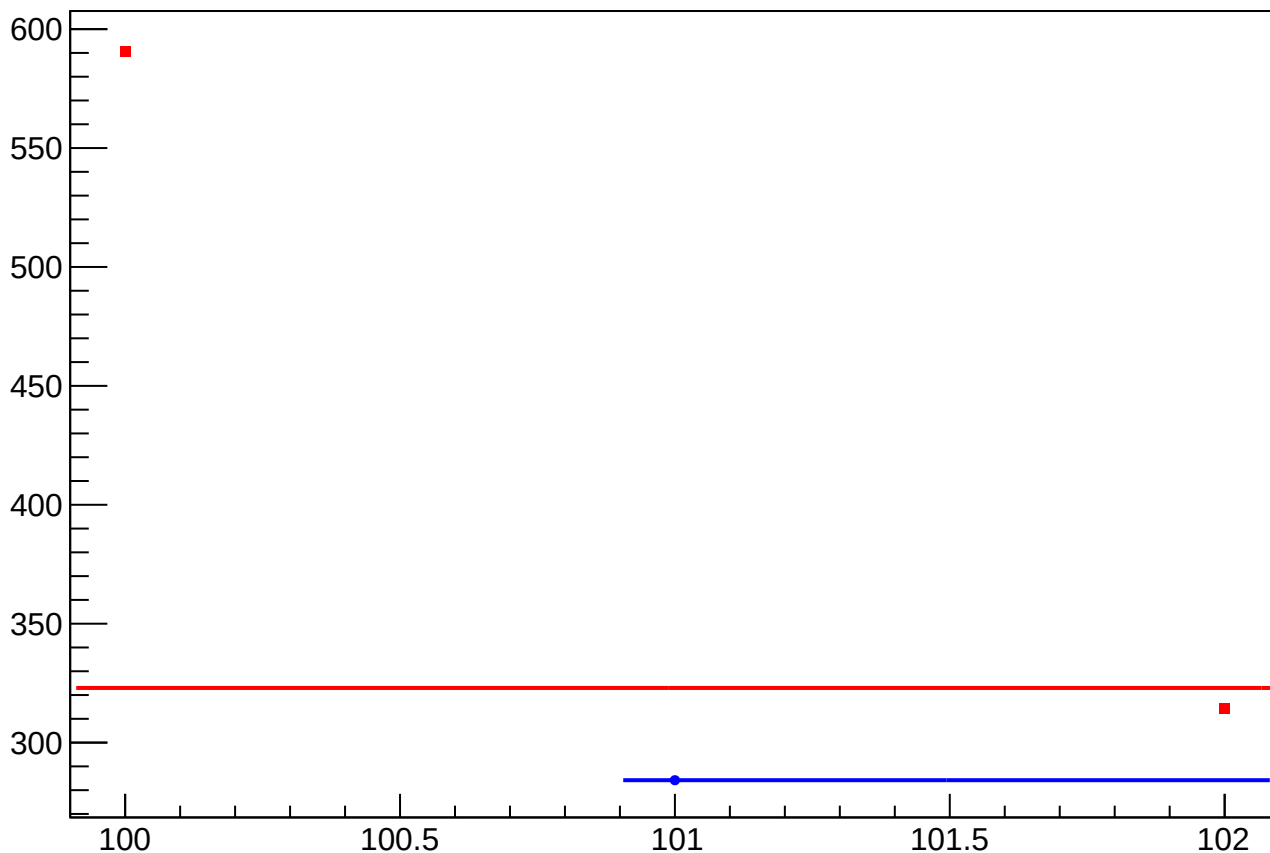
Right: -219.069+/-259.813 χ^2/NDF : 5.8/2

In: -558.556+/-352.157 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -219.069+/-259.813 χ^2/NDF : 5.8/2

asym_sam7_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 284.189+/-0.249 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 322.977+/-0.272 χ^2/NDF : 30701.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

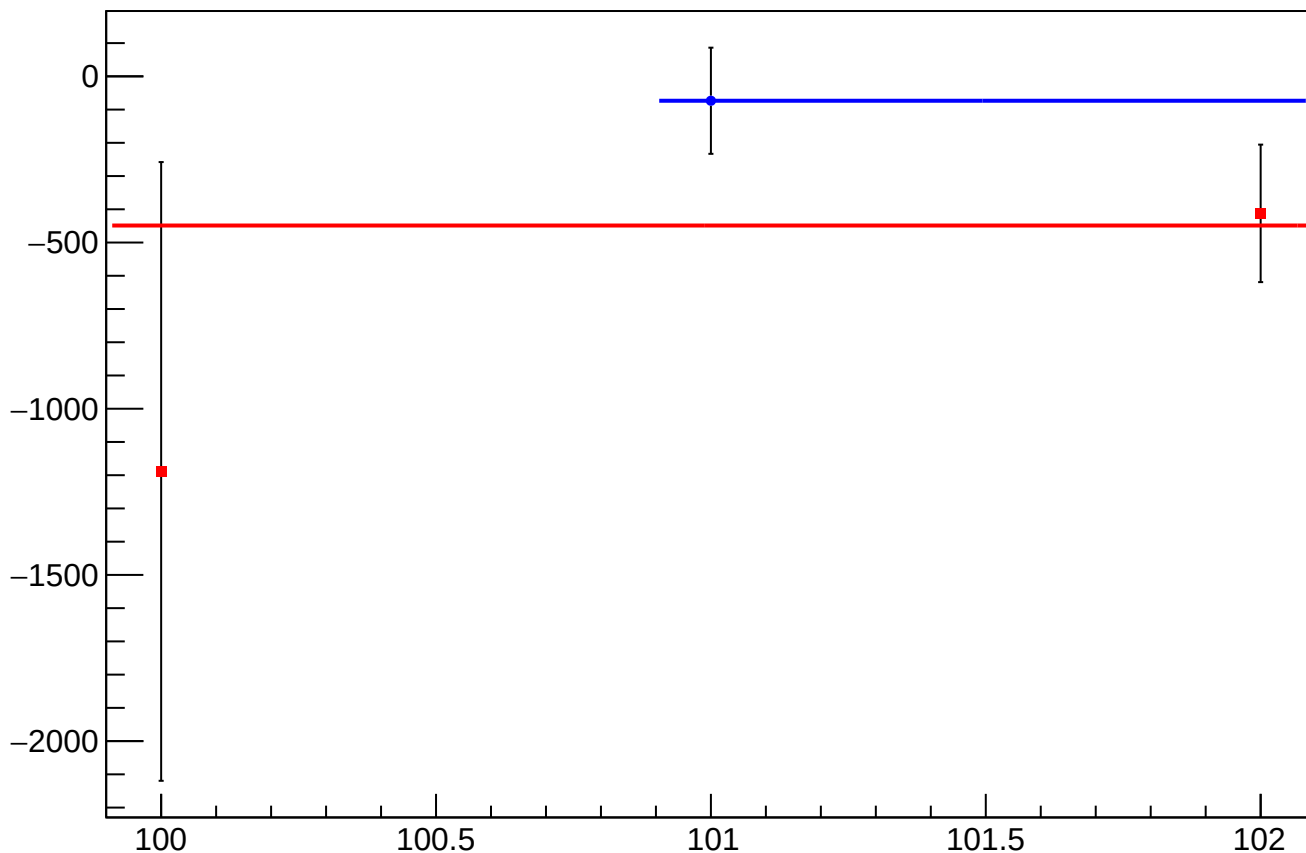
Right: 301.864+/-0.184 χ^2/NDF : 41758.1/2

In: 284.189+/-0.249 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 301.864+/-0.184 χ^2/NDF : 41758.1/2

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -73.439 $\pm$ 159.704 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -448.798 $\pm$ 201.919 χ^2 /NDF: 0.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

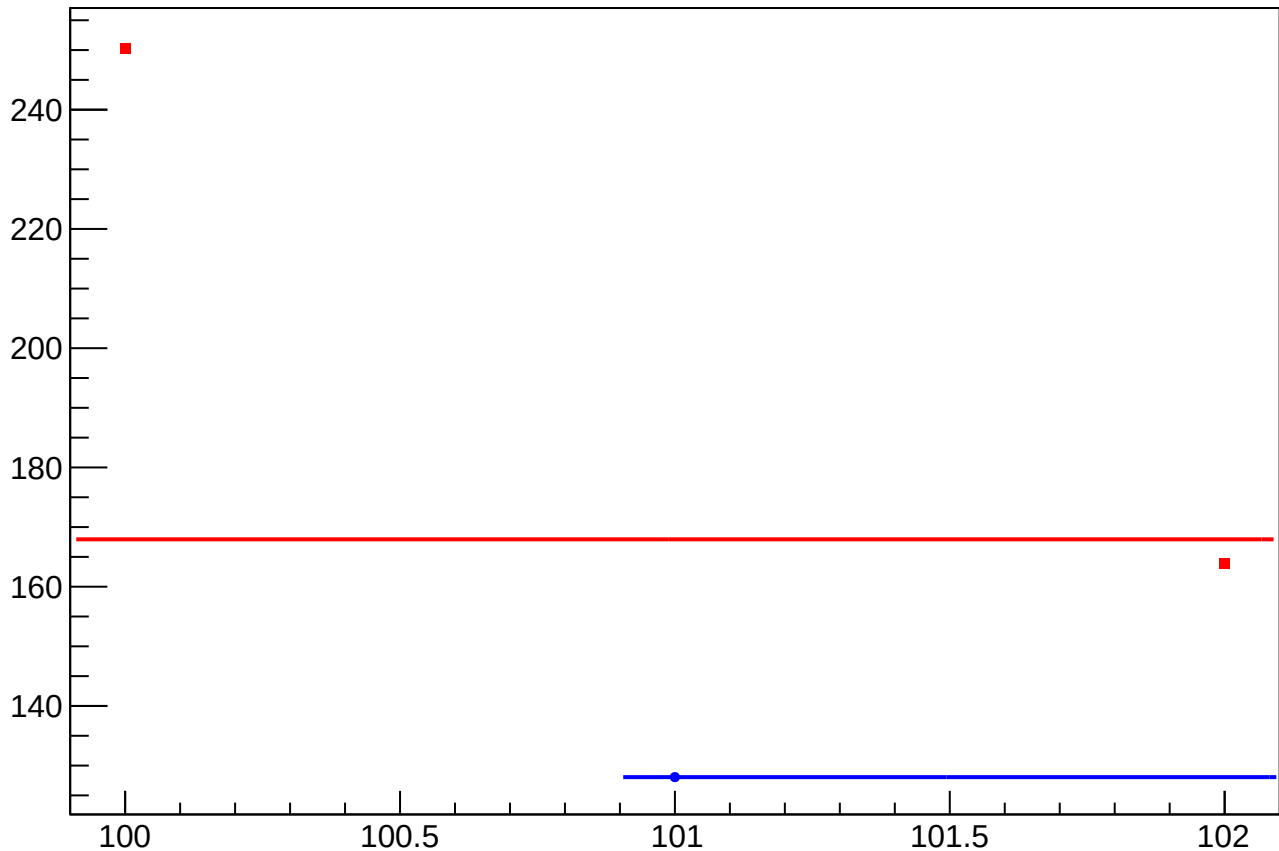
Right: -217.889 $\pm$ 125.260 χ^2 /NDF: 2.8/2

In: -73.439 $\pm$ 159.704 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -217.889 $\pm$ 125.260 χ^2 /NDF: 2.8/2

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 128.064 $\pm$ 0.113 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 167.944 $\pm$ 0.143 χ^2 /NDF: 16410.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

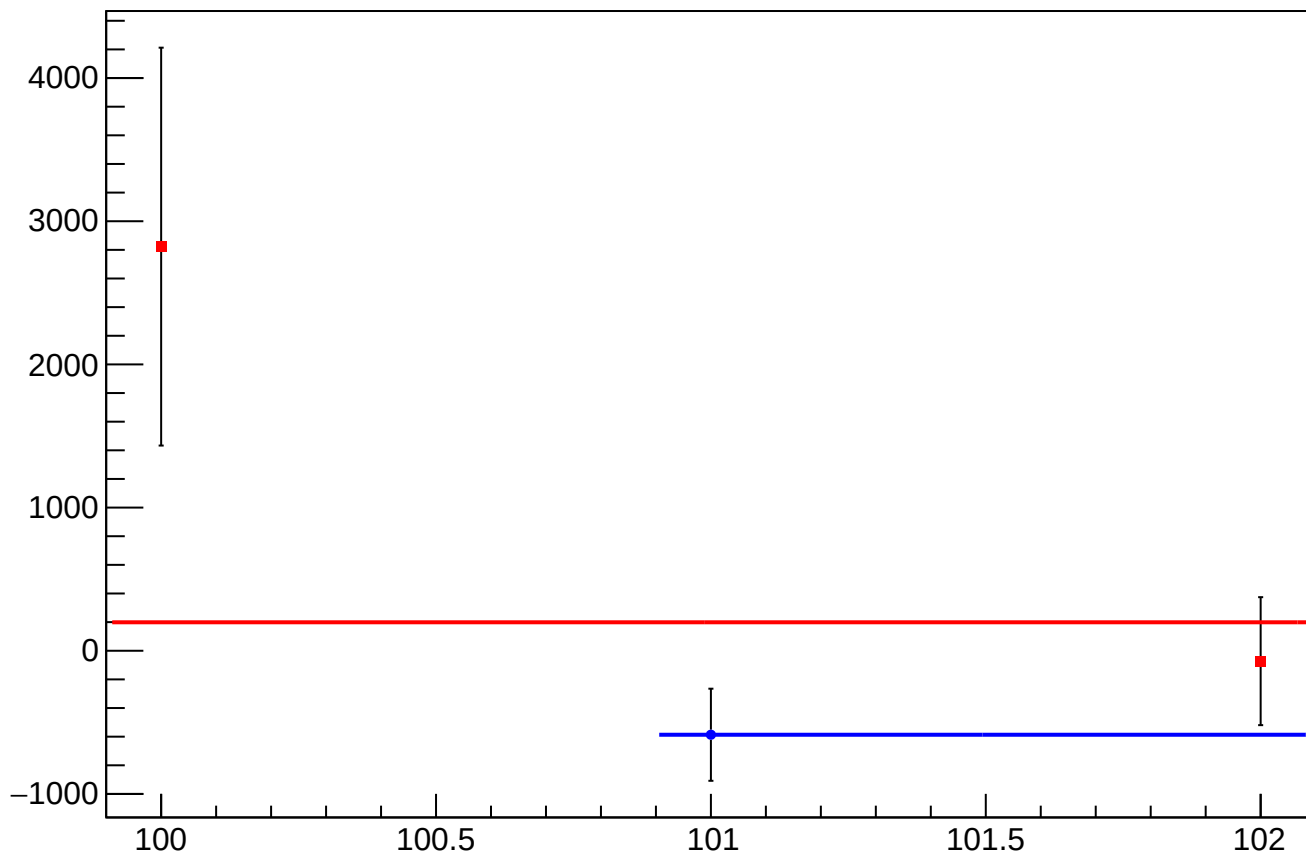
Right: 143.411 $\pm$ 0.089 χ^2 /NDF: 64403.6/2

In: 128.064 $\pm$ 0.113 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 143.411 $\pm$ 0.089 χ^2 /NDF: 64403.6/2

asym_sam7_dit_correction_mean vs Slug, Sign Corrected



Right In: -586.607+/-321.630 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 198.844+/-425.452 χ^2 /NDF: 3.9/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

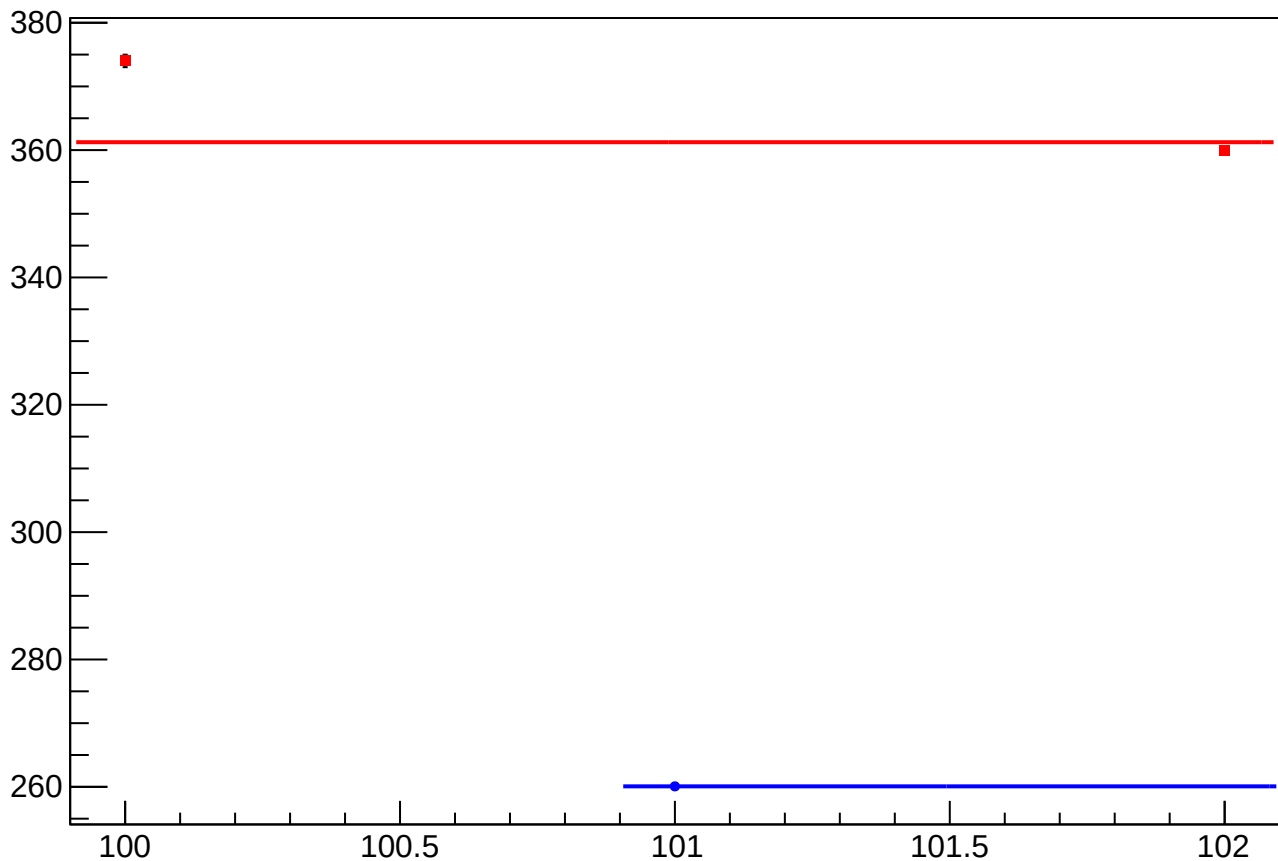
Right: -300.967+/-256.567 χ^2 /NDF: 6.1/2

In: -586.607+/-321.630 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -300.967+/-256.567 χ^2 /NDF: 6.1/2

asym_sam7_dit_correction_rms vs Slug, Sign Corrected



Right In: 260.777 $\pm$ 0.227 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 361.241 $\pm$ 0.301 χ^2 /NDF: 186.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

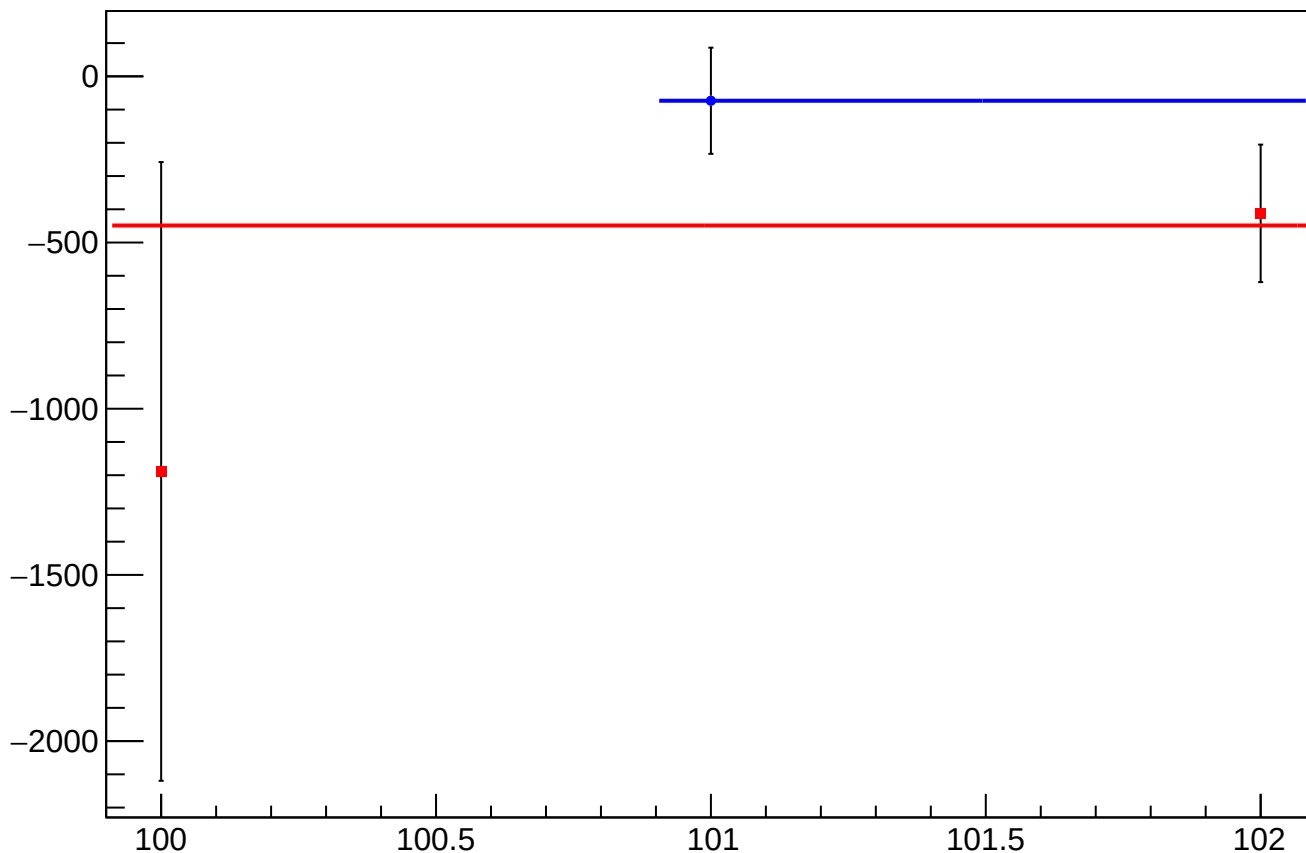
Right: 296.867 $\pm$ 0.181 χ^2 /NDF: 72143.1/2

In: 260.777 $\pm$ 0.227 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 296.867 $\pm$ 0.181 χ^2 /NDF: 72143.1/2

eigen_dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -73.437 $\pm$ 159.704 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -448.798 $\pm$ 201.919 χ^2 /NDF: 0.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

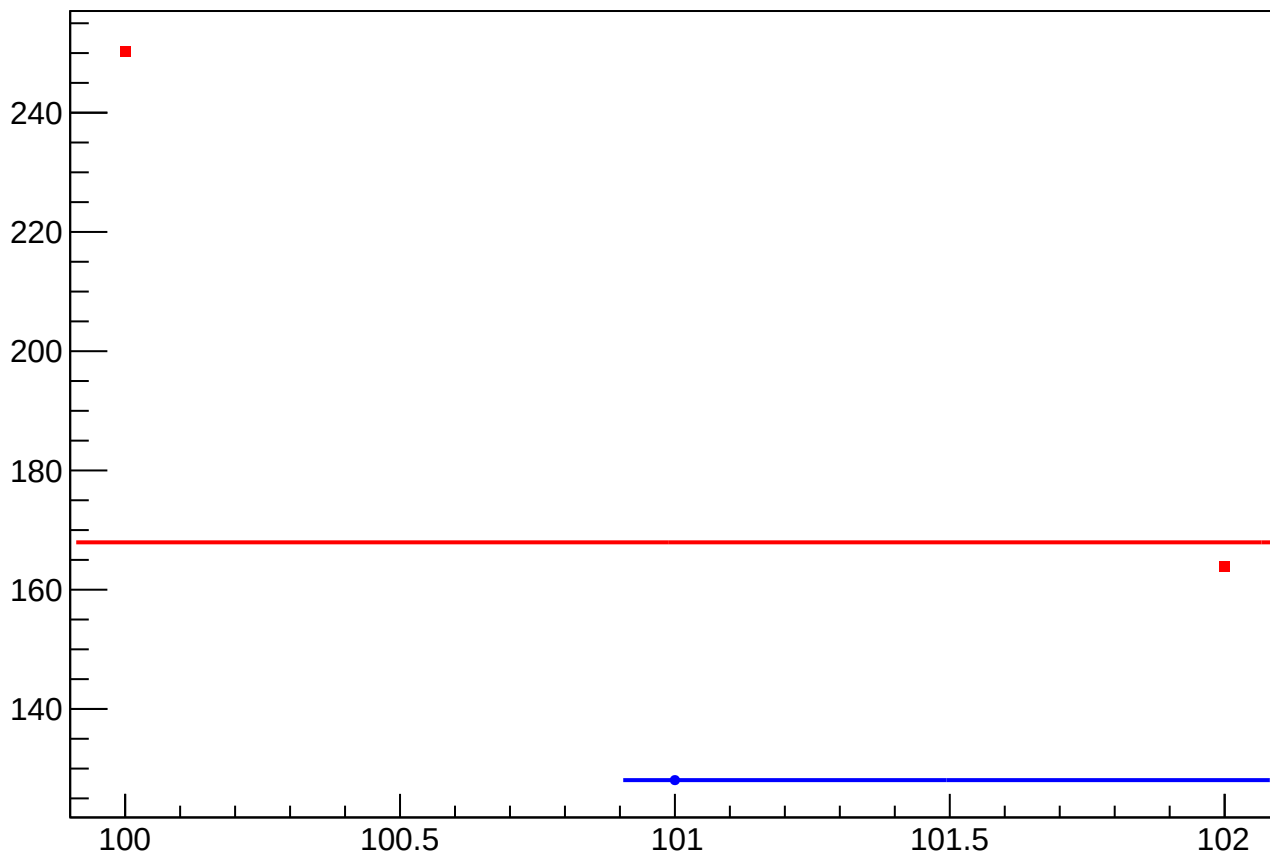
Right: -217.888 $\pm$ 125.260 χ^2 /NDF: 2.8/2

In: -73.437 $\pm$ 159.704 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -217.888 $\pm$ 125.260 χ^2 /NDF: 2.8/2

eigen_dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 128.064 $\pm$ 0.113 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 167.944 $\pm$ 0.143 χ^2 /NDF: 16410.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

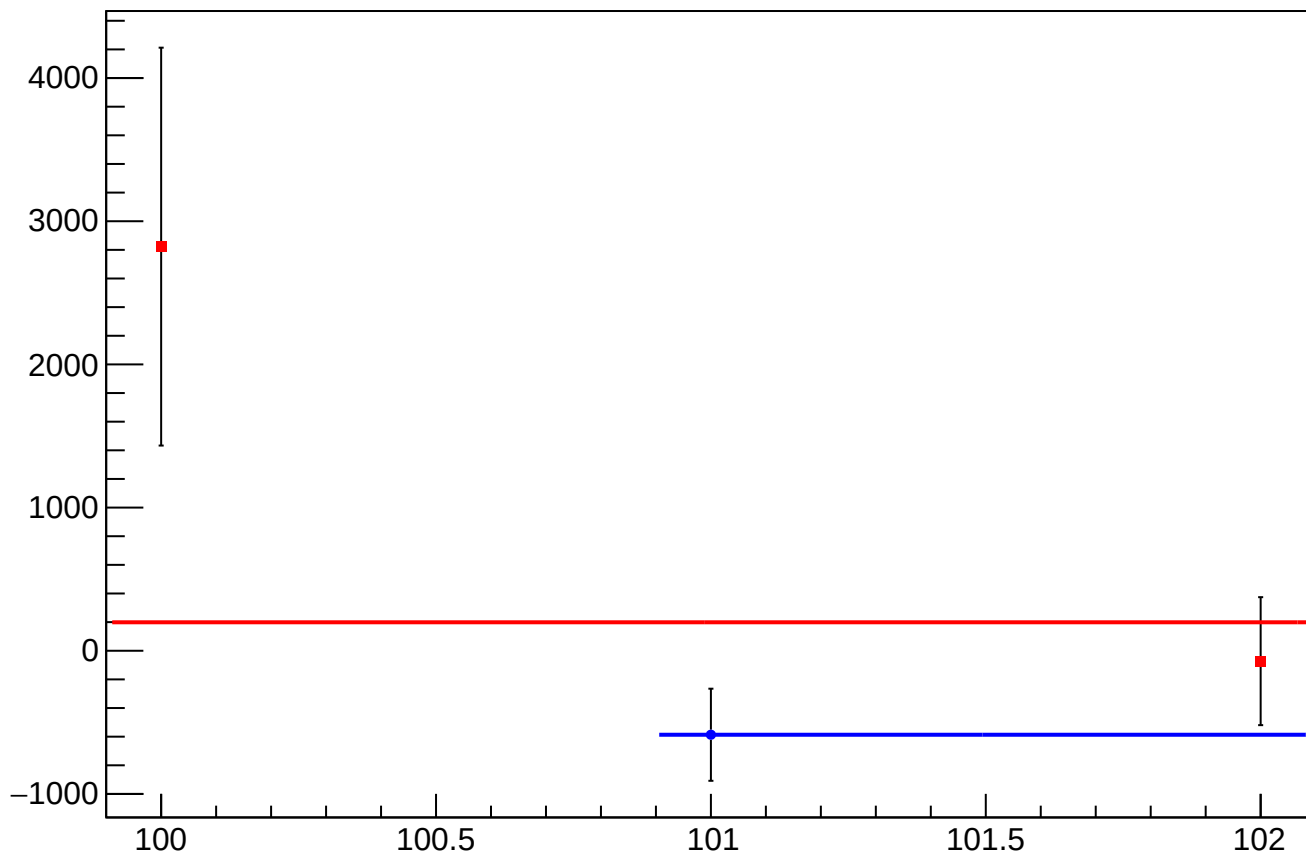
Right: 143.411 $\pm$ 0.089 χ^2 /NDF: 64403.4/2

In: 128.064 $\pm$ 0.113 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 143.411 $\pm$ 0.089 χ^2 /NDF: 64403.4/2

asym_sam7_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -586.605+/-321.629 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 198.845+/-425.451 χ^2 /NDF: 3.9/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

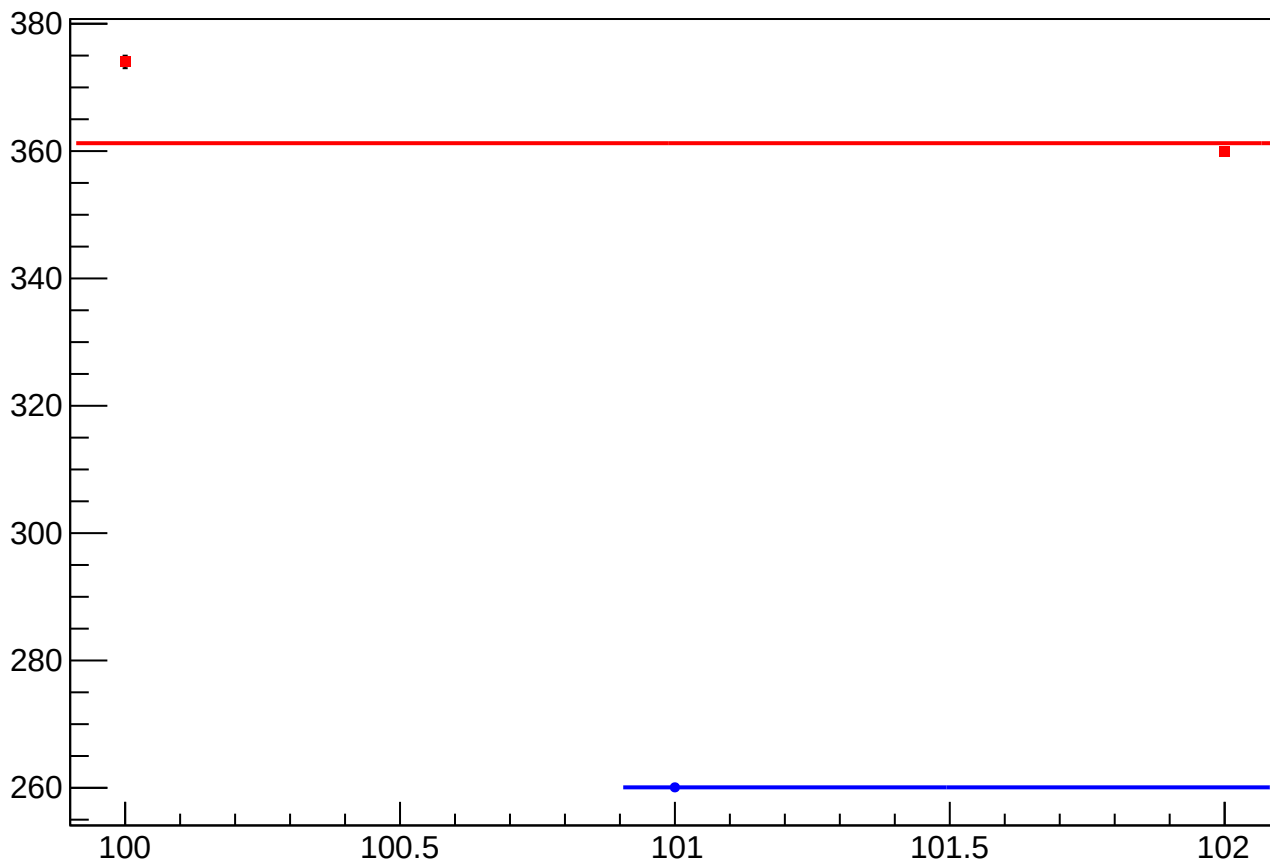
Right: -300.967+/-256.566 χ^2 /NDF: 6.1/2

In: -586.605+/-321.629 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -300.967+/-256.566 χ^2 /NDF: 6.1/2

asym_sam7_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 260.076+/-0.227 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 361.241+/-0.301 χ^2/NDF : 186.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

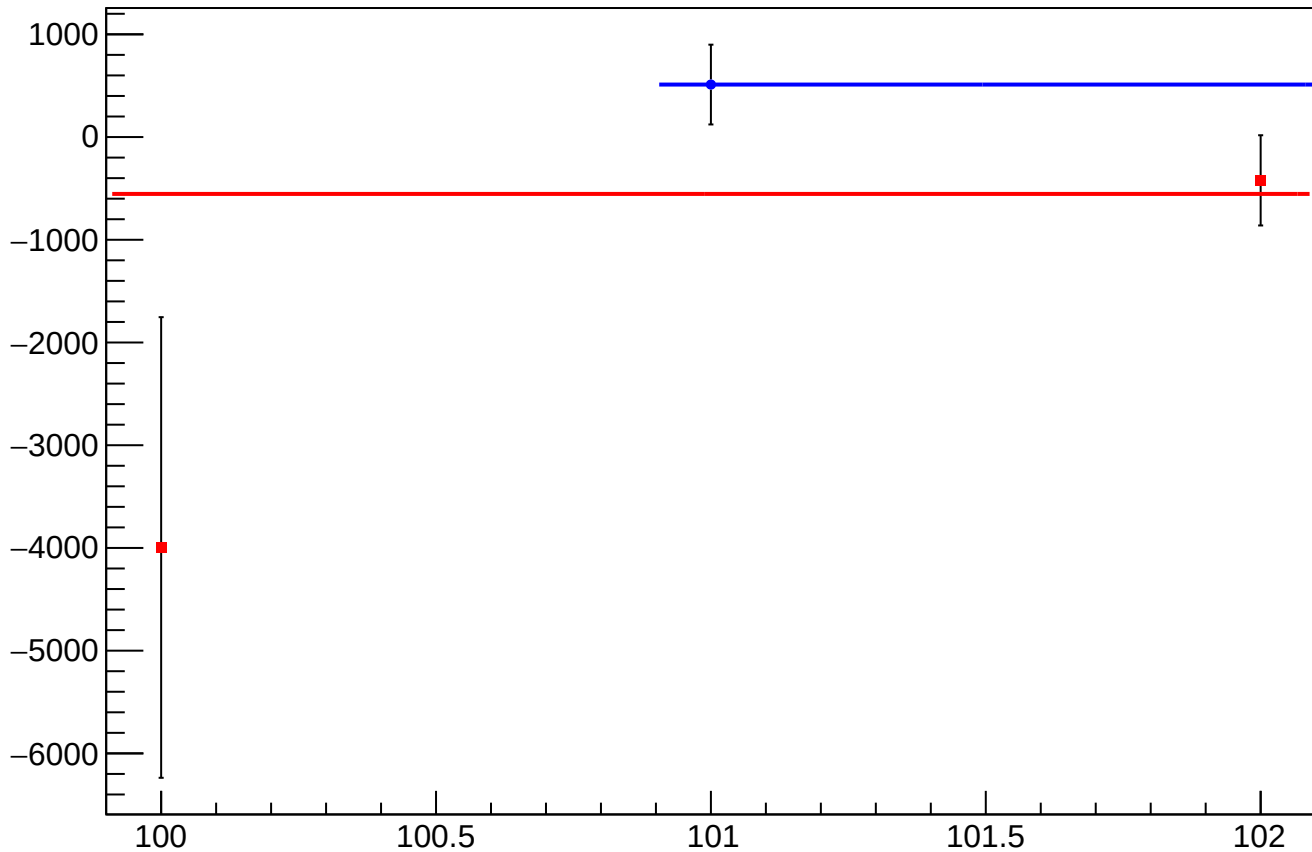
Right: 296.866+/-0.181 χ^2/NDF : 72144.0/2

In: 260.076+/-0.227 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 296.866+/-0.181 χ^2/NDF : 72144.0/2

asym_sam7_mean vs Slug, Sign Corrected



Right In: 510.993 $\pm$ 388.341 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -553.611 $\pm$ 430.987 χ^2 /NDF: 2.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

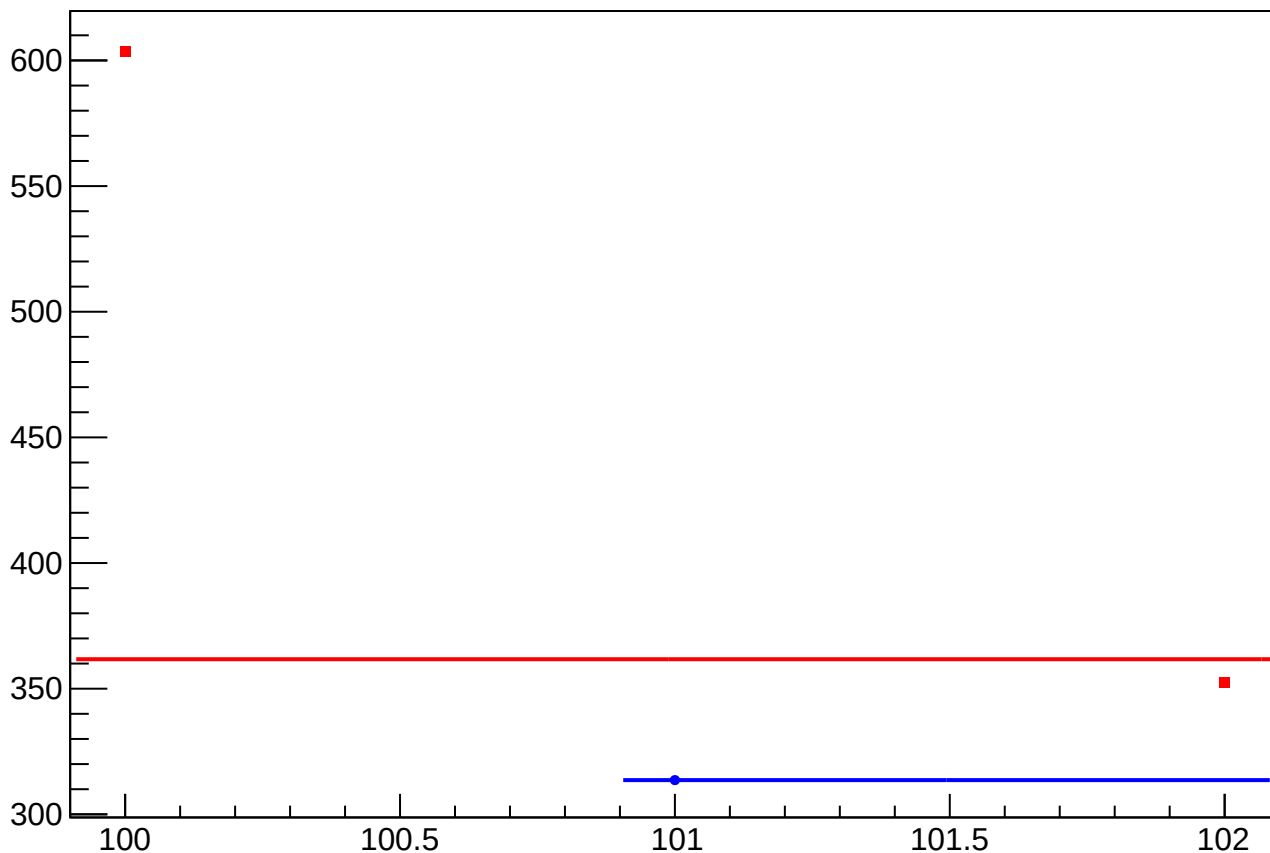
Right: 33.954 $\pm$ 288.501 χ^2 /NDF: 5.8/2

In: 510.993 $\pm$ 388.341 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 33.954 $\pm$ 288.501 χ^2 /NDF: 5.8/2

asym_sam7_rms vs Slug, Sign Corrected



Right In: 313.622 $\pm$ 0.275 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 361.730 $\pm$ 0.305 χ^2 /NDF: 24145.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

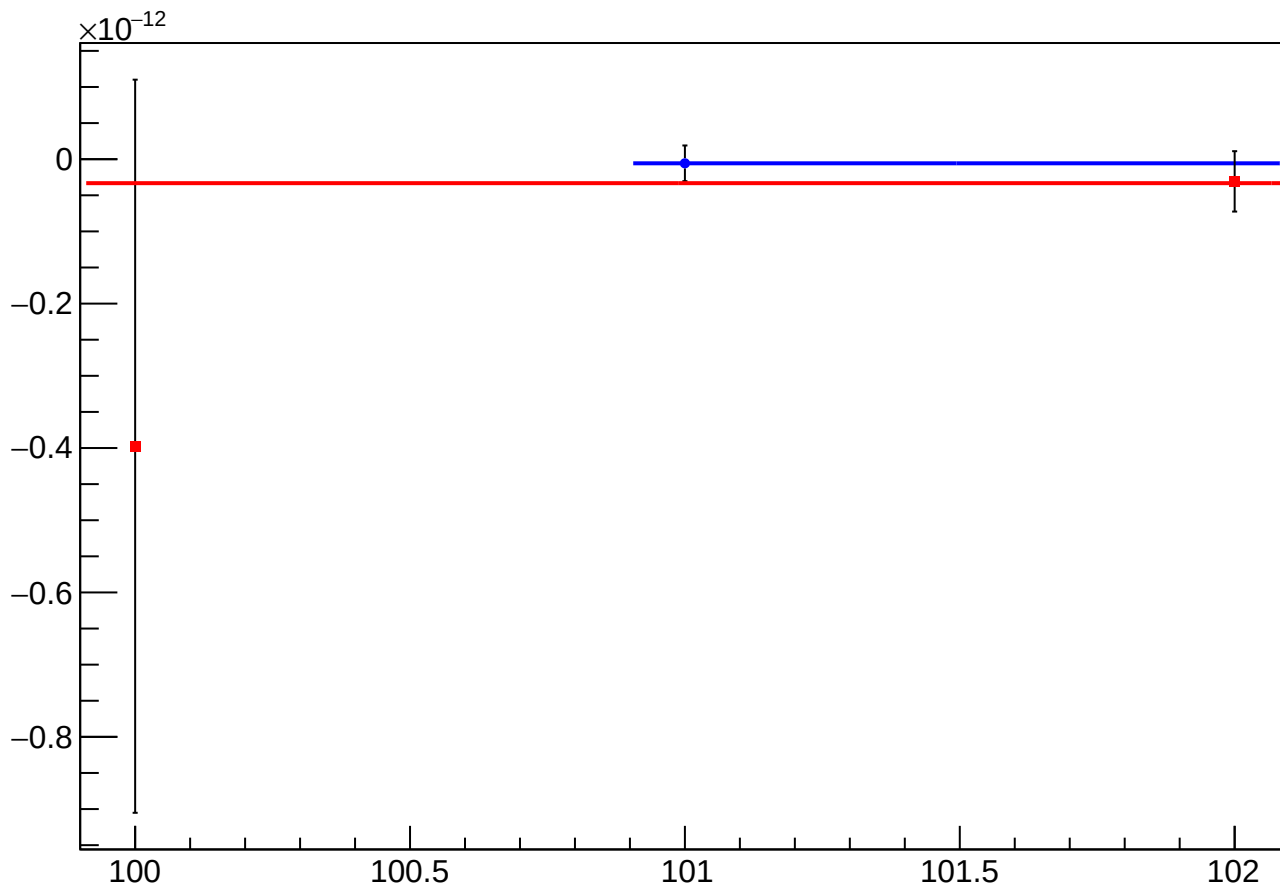
Right: 335.179 $\pm$ 0.204 χ^2 /NDF: 37898.7/2

In: 313.622 $\pm$ 0.275 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 335.179 $\pm$ 0.204 χ^2 /NDF: 37898.7/2

asym_sam7_reg_vs_cor_diff_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 : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

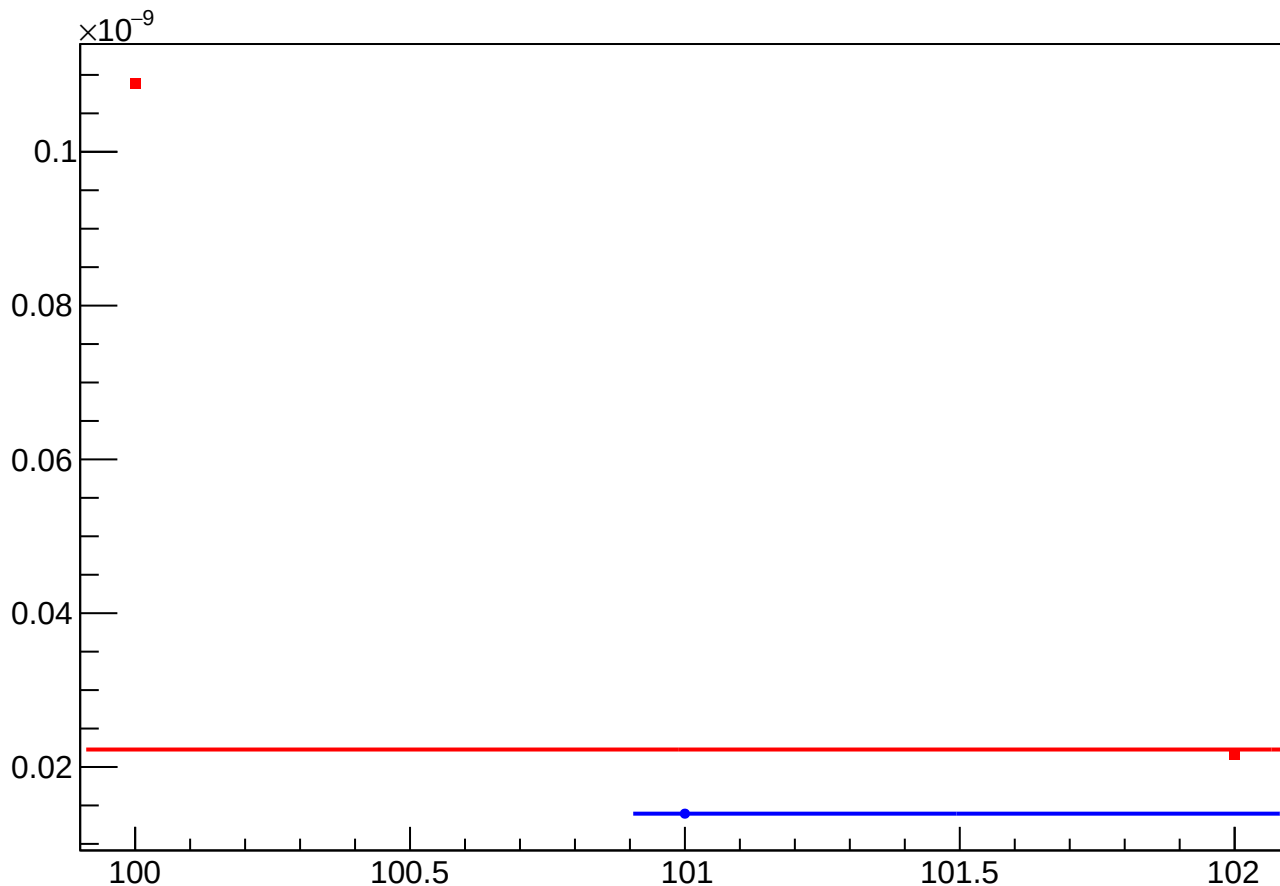
Right: -0.000+/-0.000 χ^2/NDF : 0.8/2

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 : 0.8/2

asym_sam7_reg_vs_cor_diff_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 : 58623.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

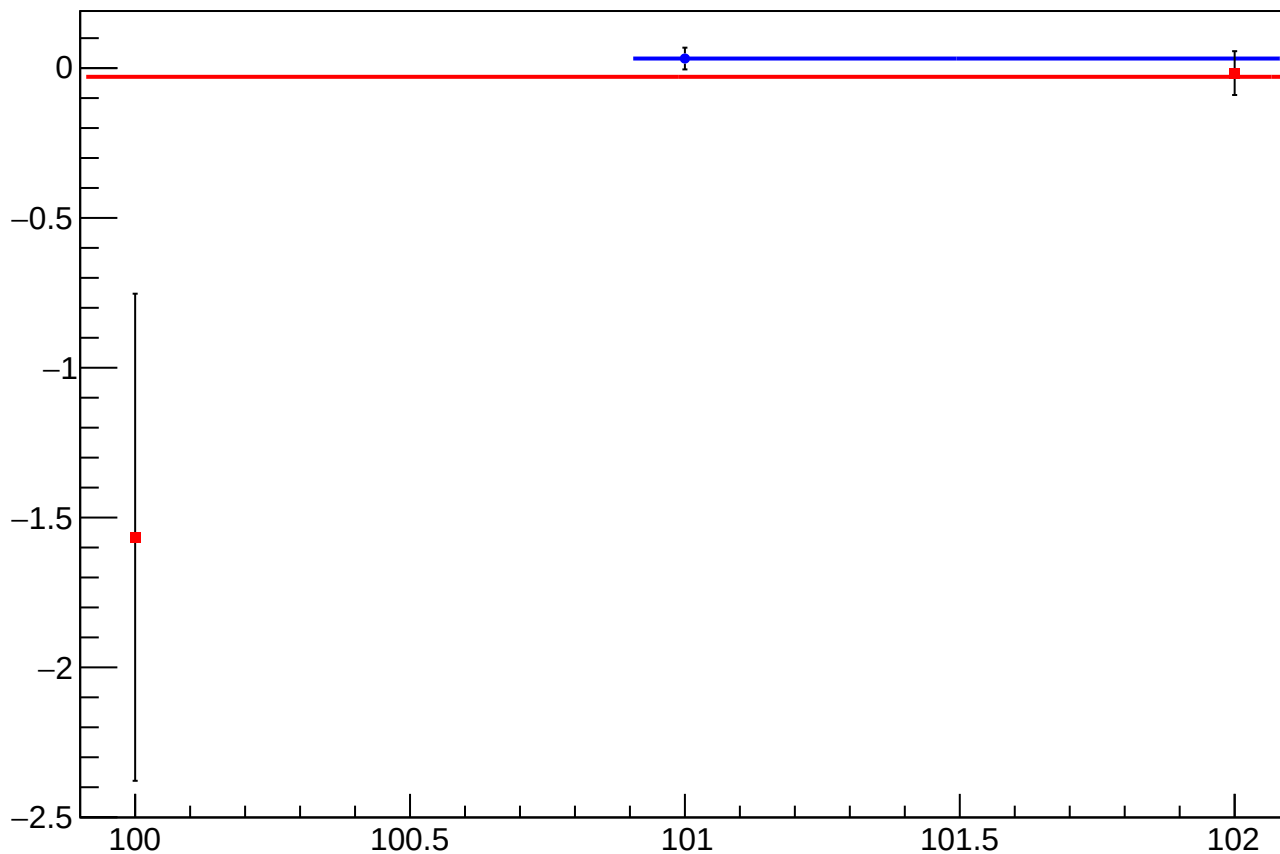
Right: 0.000+/-0.000 χ^2/NDF : 117913.7/2

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 : 117913.7/2

asym_sam7_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.032+/-0.036 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.029+/-0.073 χ^2/NDF : 3.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

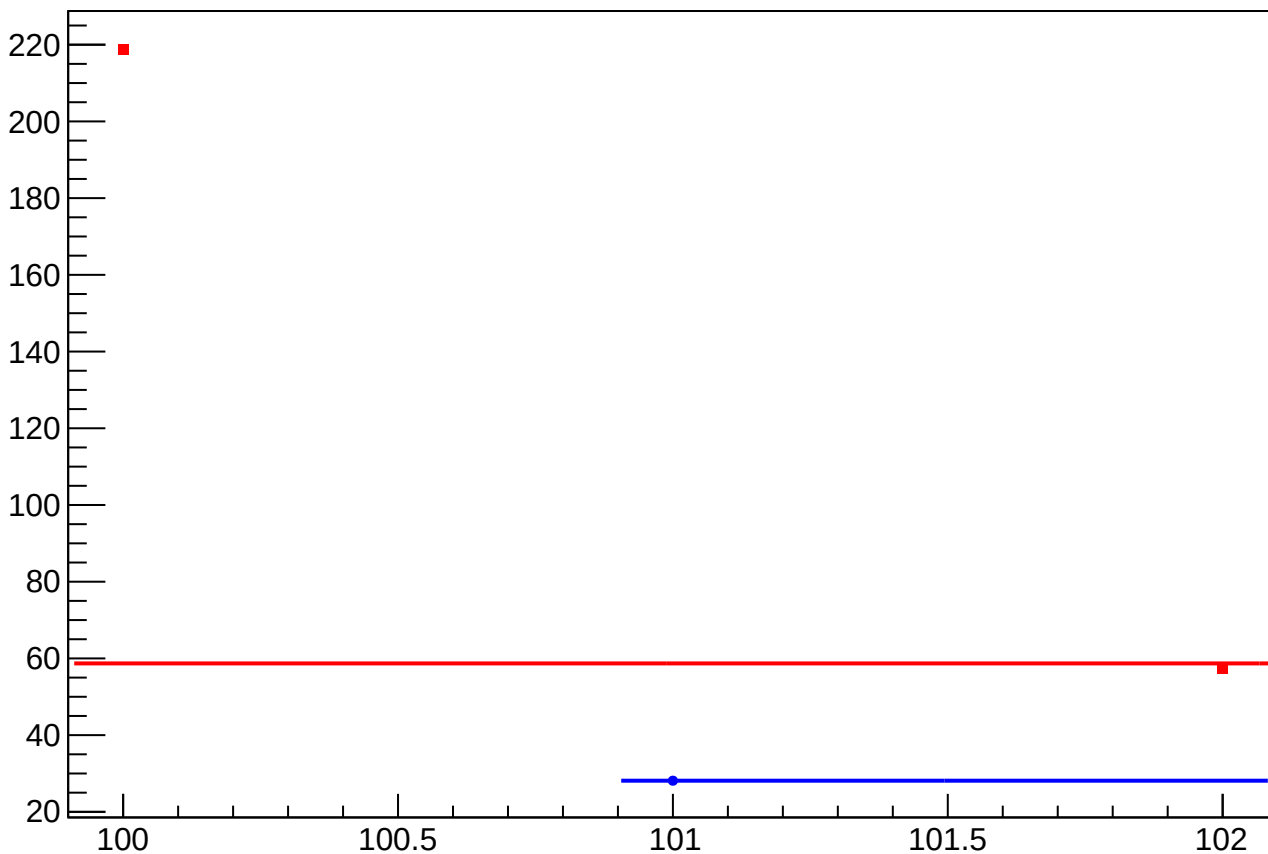
Right: 0.020+/-0.032 χ^2/NDF : 4.2/2

In: 0.032+/-0.036 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.032 χ^2/NDF : 4.2/2

asym_sam7_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.121+/-0.026 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.698+/-0.052 χ^2/NDF : 78076.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

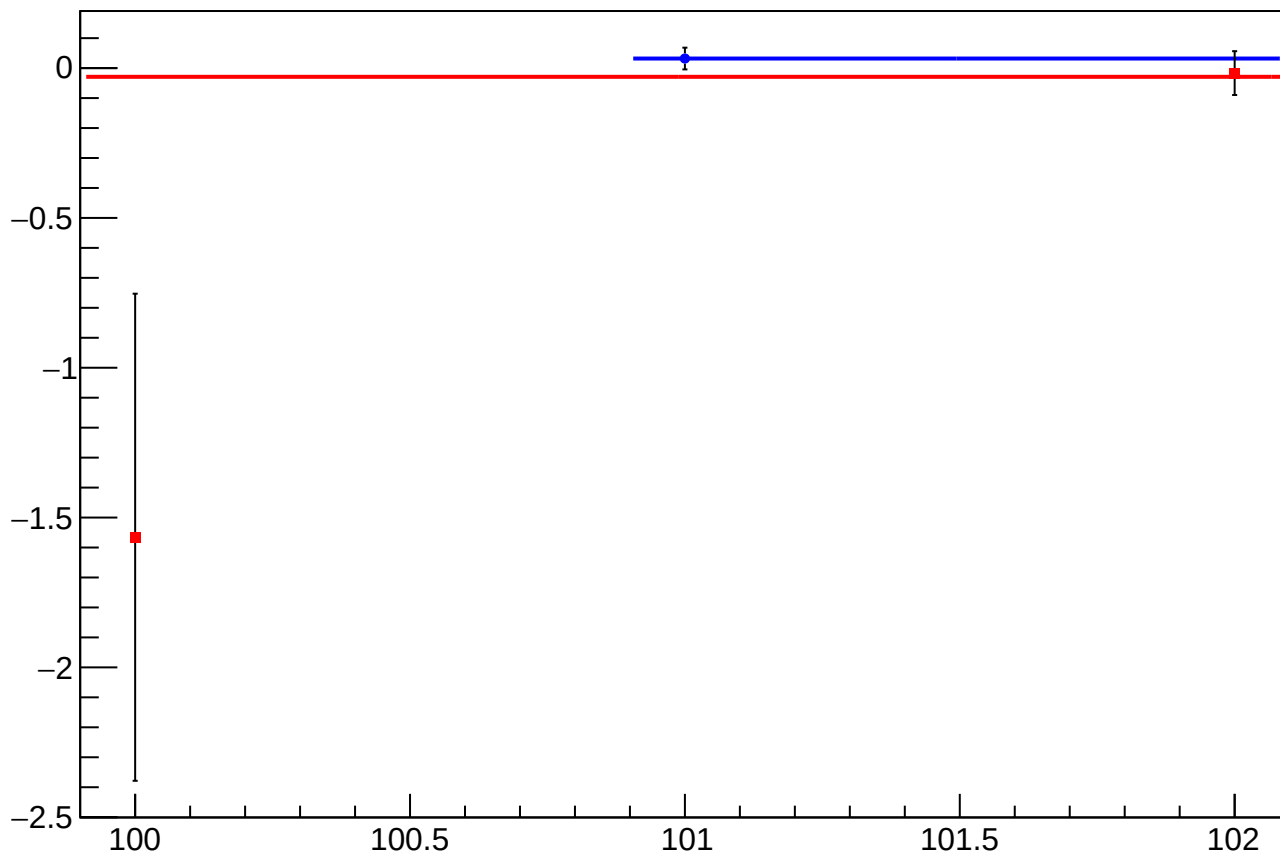
Right: 34.196+/-0.023 χ^2/NDF : 360497.2/2

In: 28.121+/-0.026 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.196+/-0.023 χ^2/NDF : 360497.2/2

asym_sam7_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.032+/-0.036 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.029+/-0.073 χ^2/NDF : 3.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

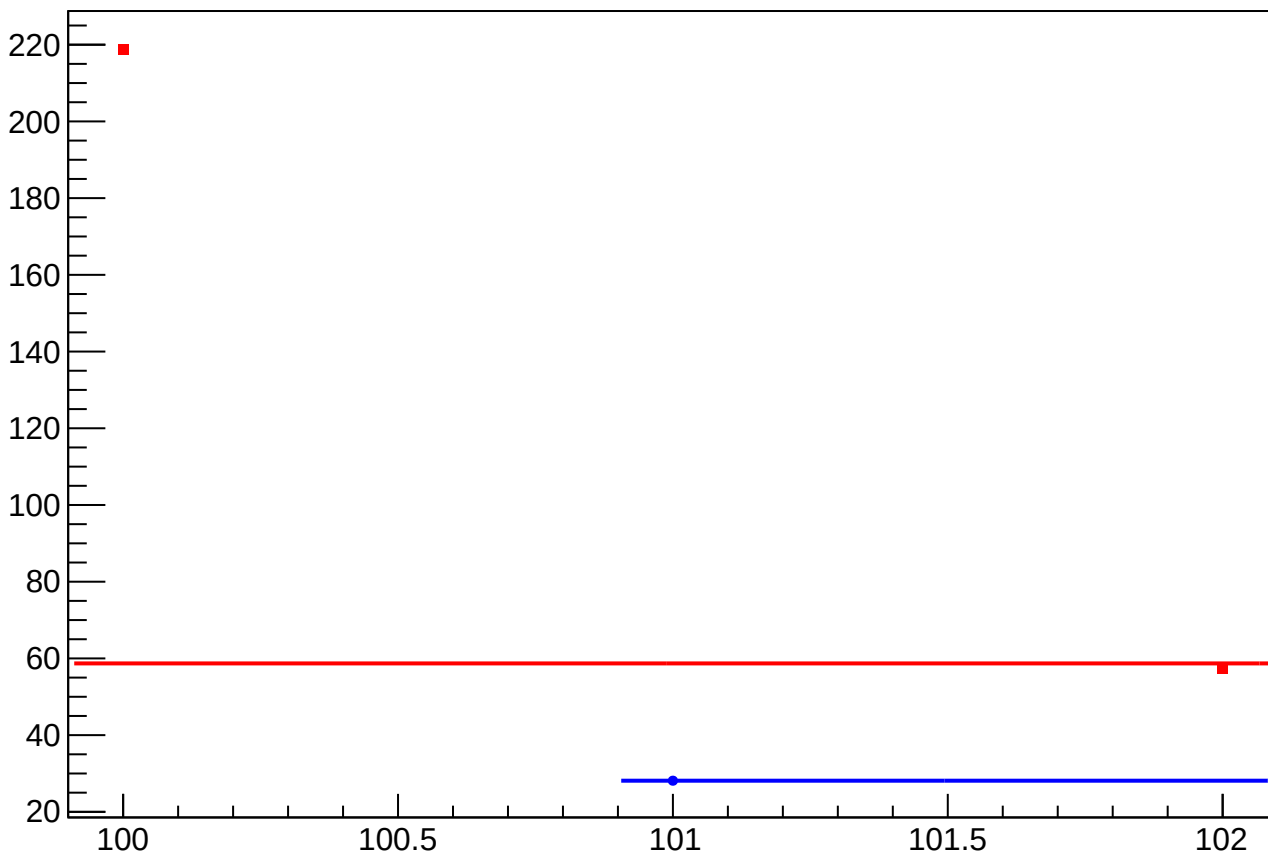
Right: 0.020+/-0.032 χ^2/NDF : 4.2/2

In: 0.032+/-0.036 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.032 χ^2/NDF : 4.2/2

asym_sam7_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.121+/-0.026 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.698+/-0.052 χ^2/NDF : 78076.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

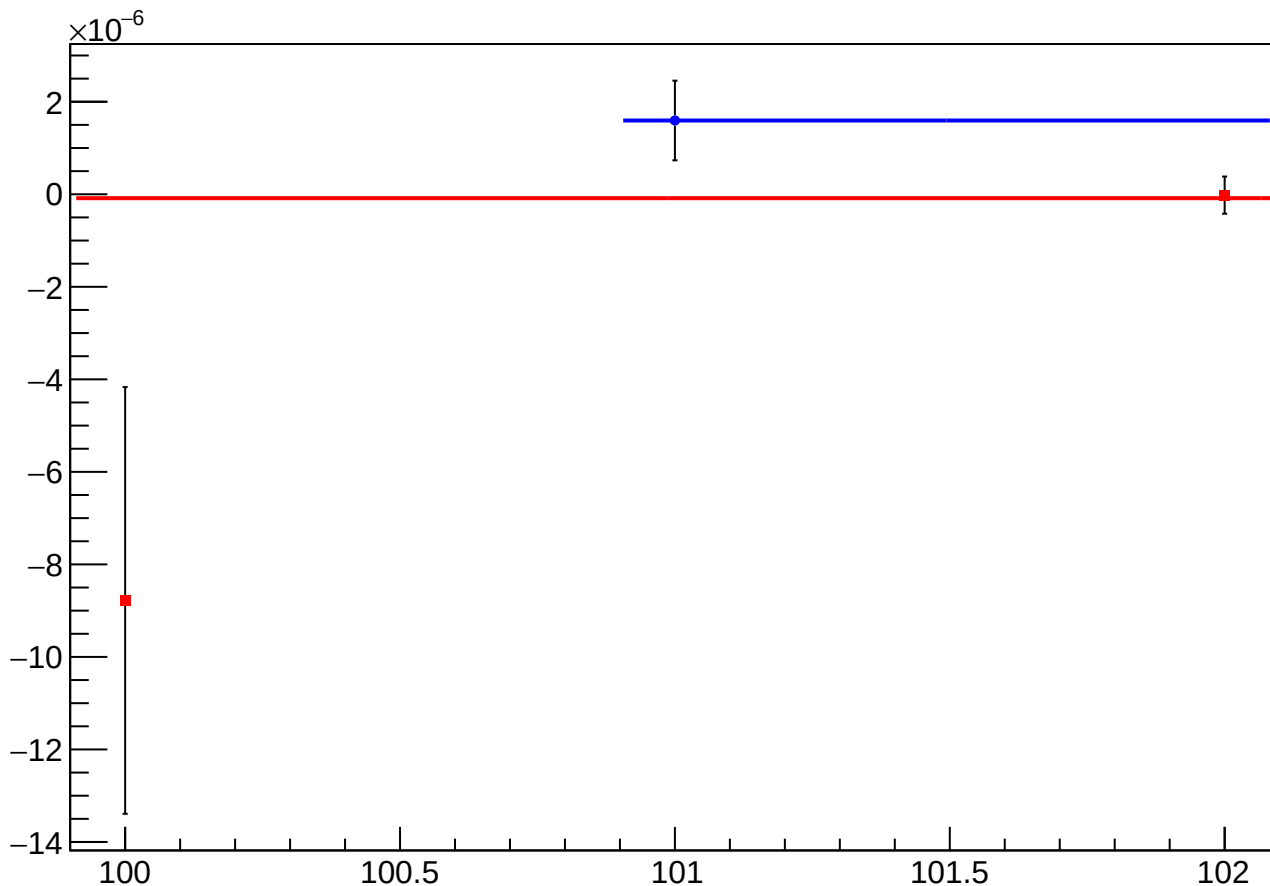
Right: 34.196+/-0.023 χ^2/NDF : 360497.2/2

In: 28.121+/-0.026 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.196+/-0.023 χ^2/NDF : 360497.2/2

asym_sam7_eigen_dit_vs_dit_diff_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: 3.6/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

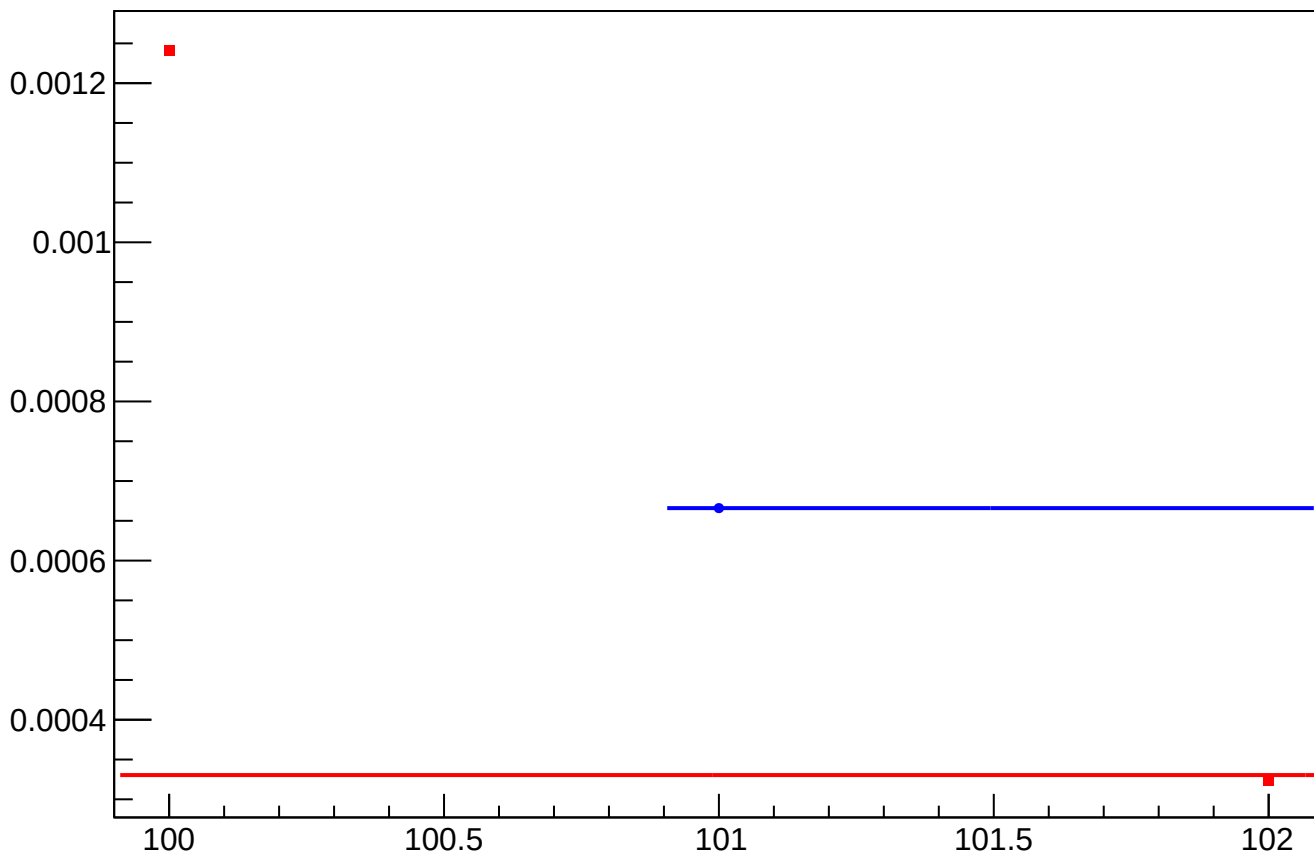
Right: 0.000+/-0.000 χ^2 /NDF: 6.7/2

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: 6.7/2

asym_sam7_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-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 : 78610.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

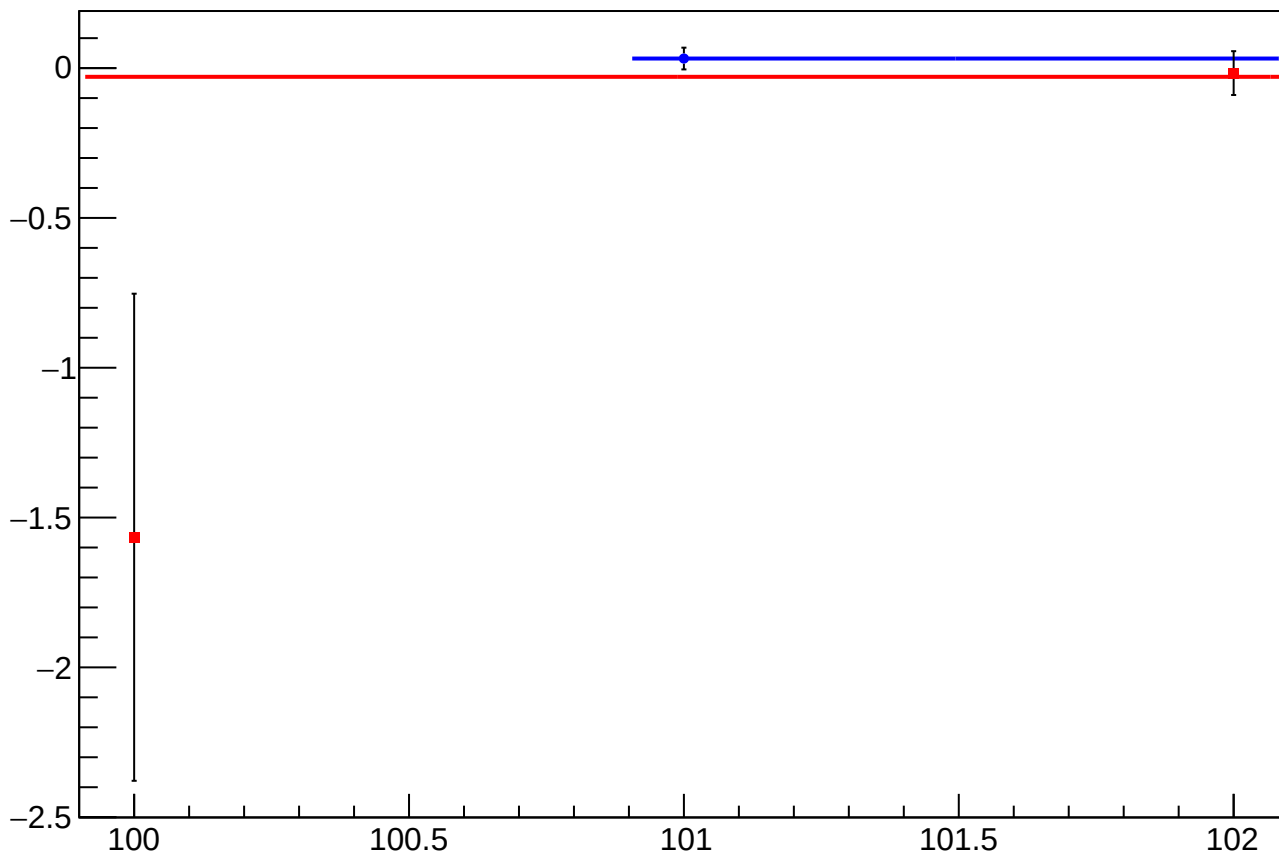
Right: 0.000+/-0.000 χ^2/NDF : 328343.8/2

In: 0.001+/-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 : 328343.8/2

asym_sam7_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.032+/-0.036 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.029+/-0.073 χ^2/NDF : 3.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

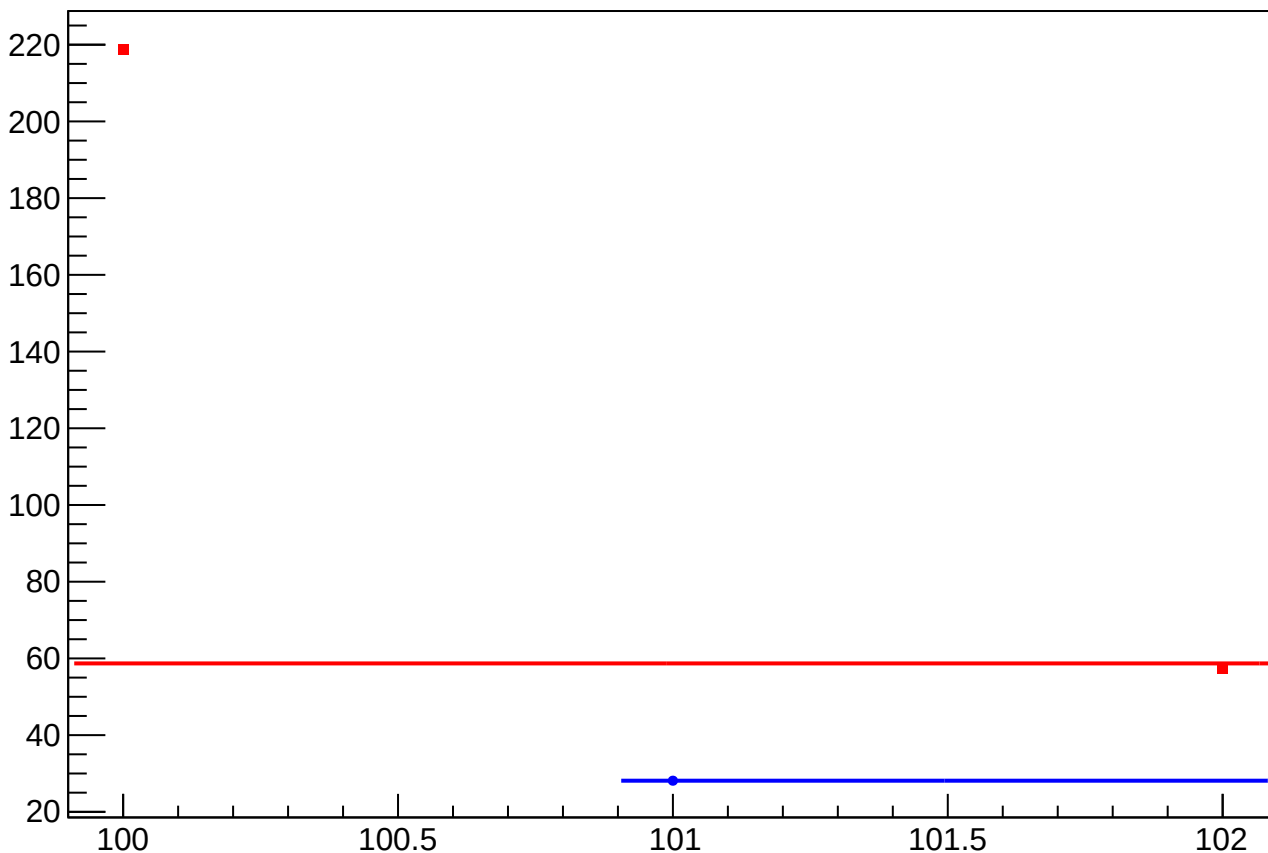
Right: 0.020+/-0.032 χ^2/NDF : 4.2/2

In: 0.032+/-0.036 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.032 χ^2/NDF : 4.2/2

asym_sam7_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.121+/-0.026 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.698+/-0.052 χ^2/NDF : 78076.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

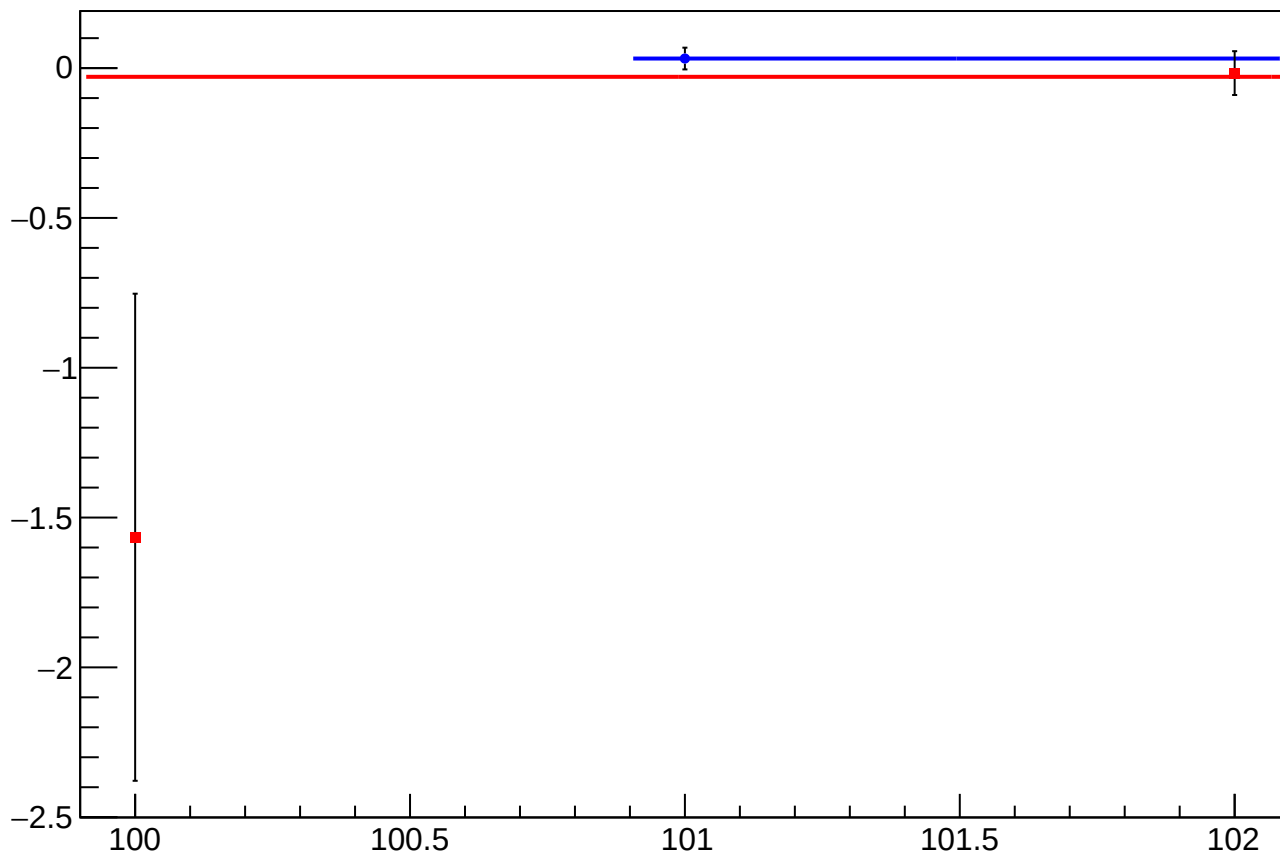
Right: 34.197+/-0.023 χ^2/NDF : 360481.6/2

In: 28.121+/-0.026 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.197+/-0.023 χ^2/NDF : 360481.6/2

asym_sam7_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.032 $\pm$ 0.036 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.029 $\pm$ 0.073 χ^2 /NDF: 3.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

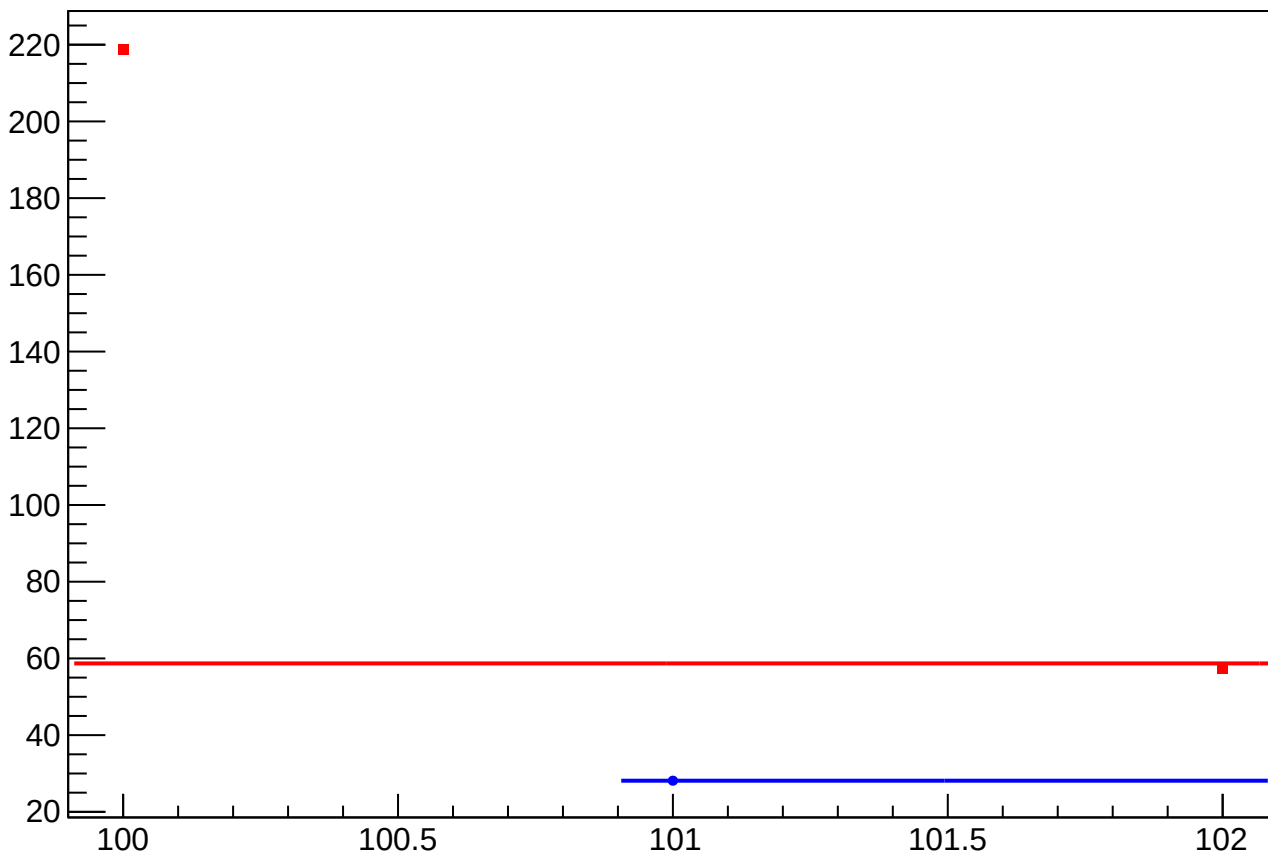
Right: 0.020 $\pm$ 0.032 χ^2 /NDF: 4.2/2

In: 0.032 $\pm$ 0.036 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.020 $\pm$ 0.032 χ^2 /NDF: 4.2/2

asym_sam7_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.121+/-0.026 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.698+/-0.052 χ^2/NDF : 78076.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

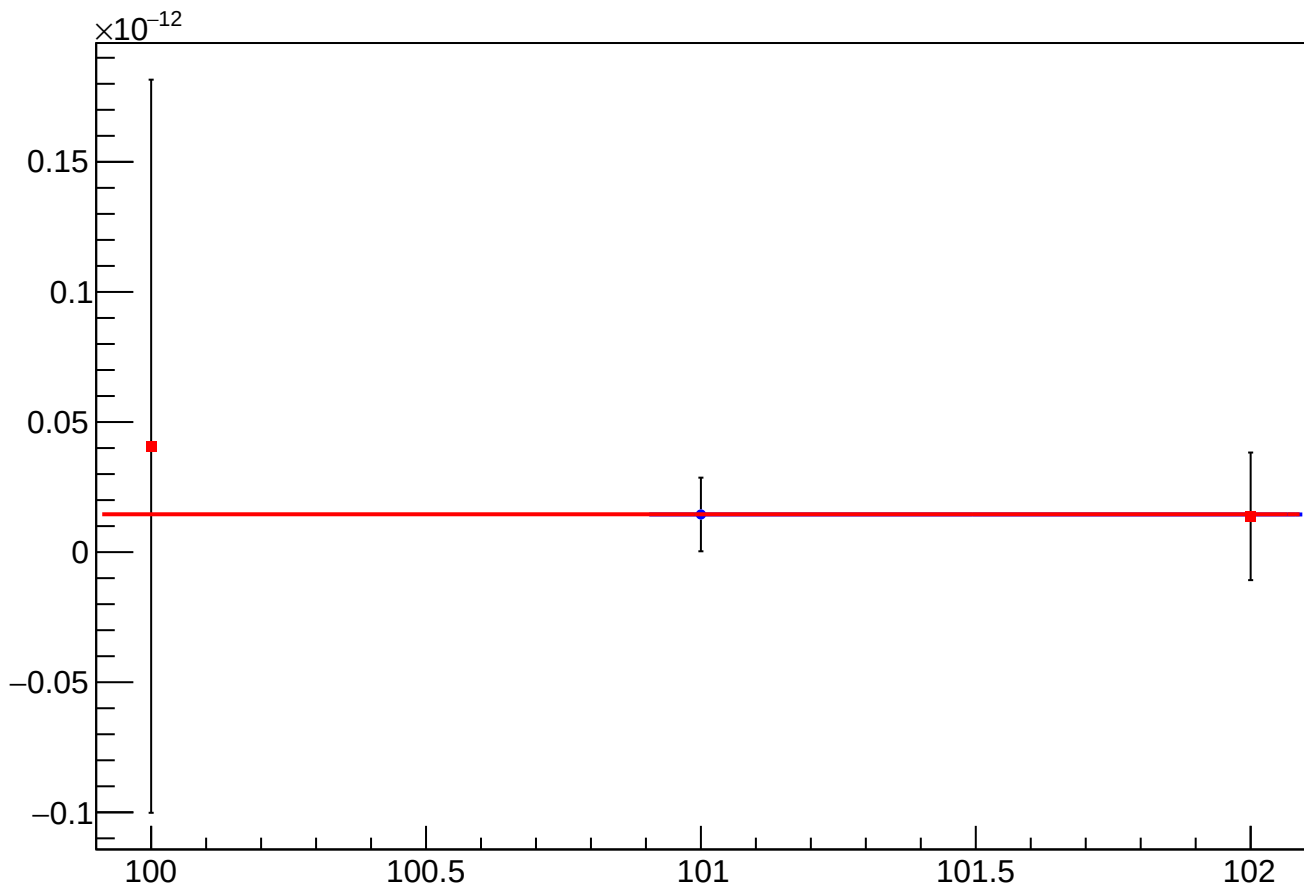
Right: 34.197+/-0.023 χ^2/NDF : 360481.6/2

In: 28.121+/-0.026 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.197+/-0.023 χ^2/NDF : 360481.6/2

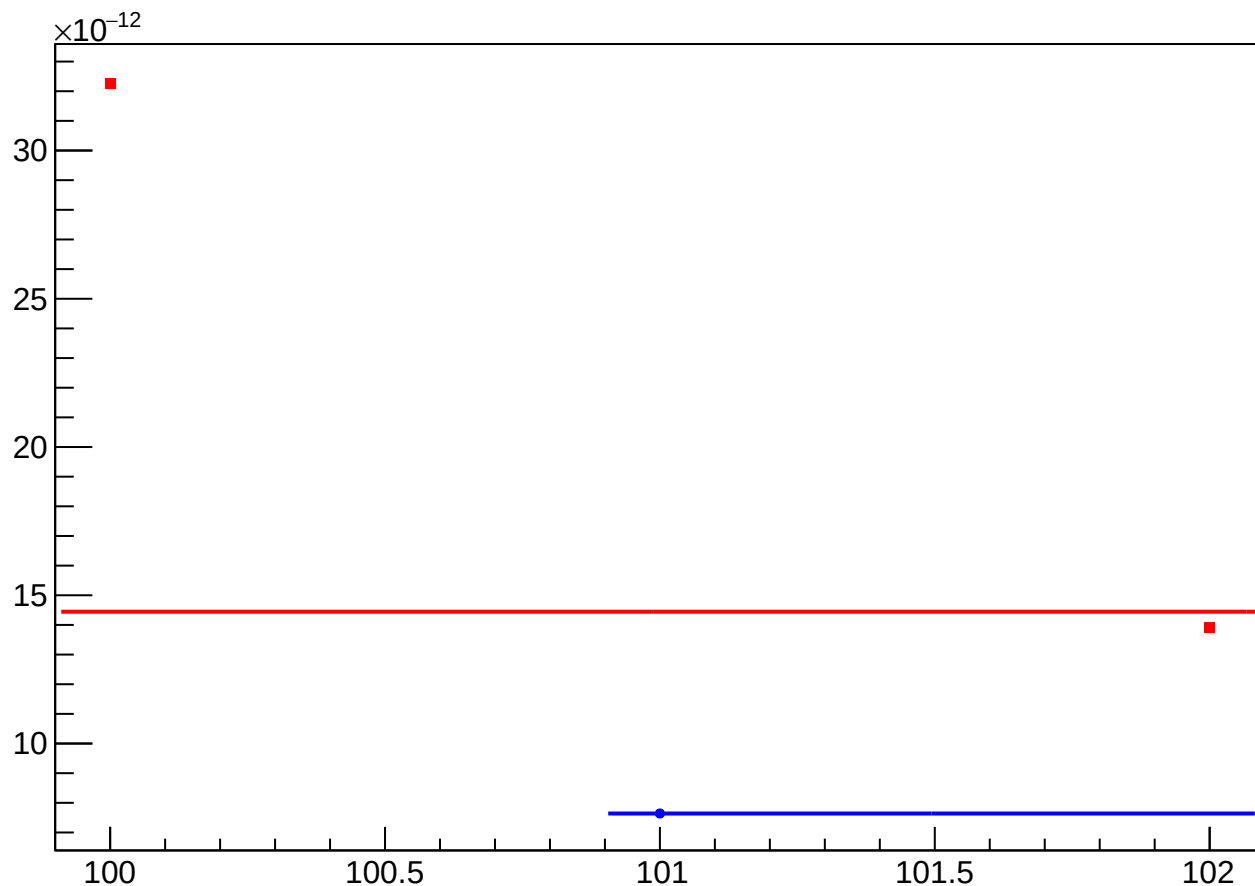
asym_sam7_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 0.0/1
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/2
 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 : 0.0/2

asym_sam7_eigen_cor_vs_cor_diff_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 : 32930.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

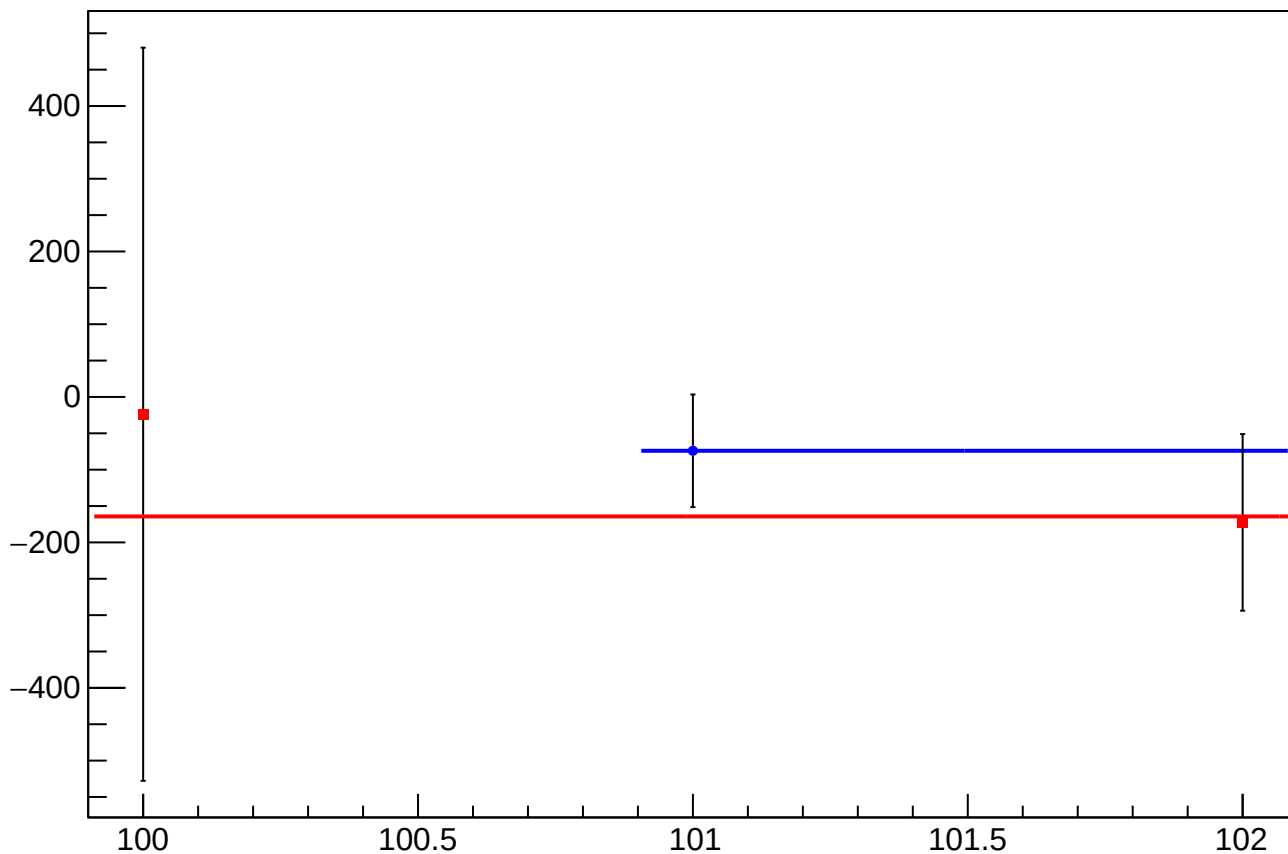
Right: 0.000+/-0.000 χ^2/NDF : 151140.0/2

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 : 151140.0/2

reg_asym_sam8_mean vs Slug, Sign Corrected



Right In: -74.041+/-77.431 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -164.297+/-118.046 χ^2 /NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

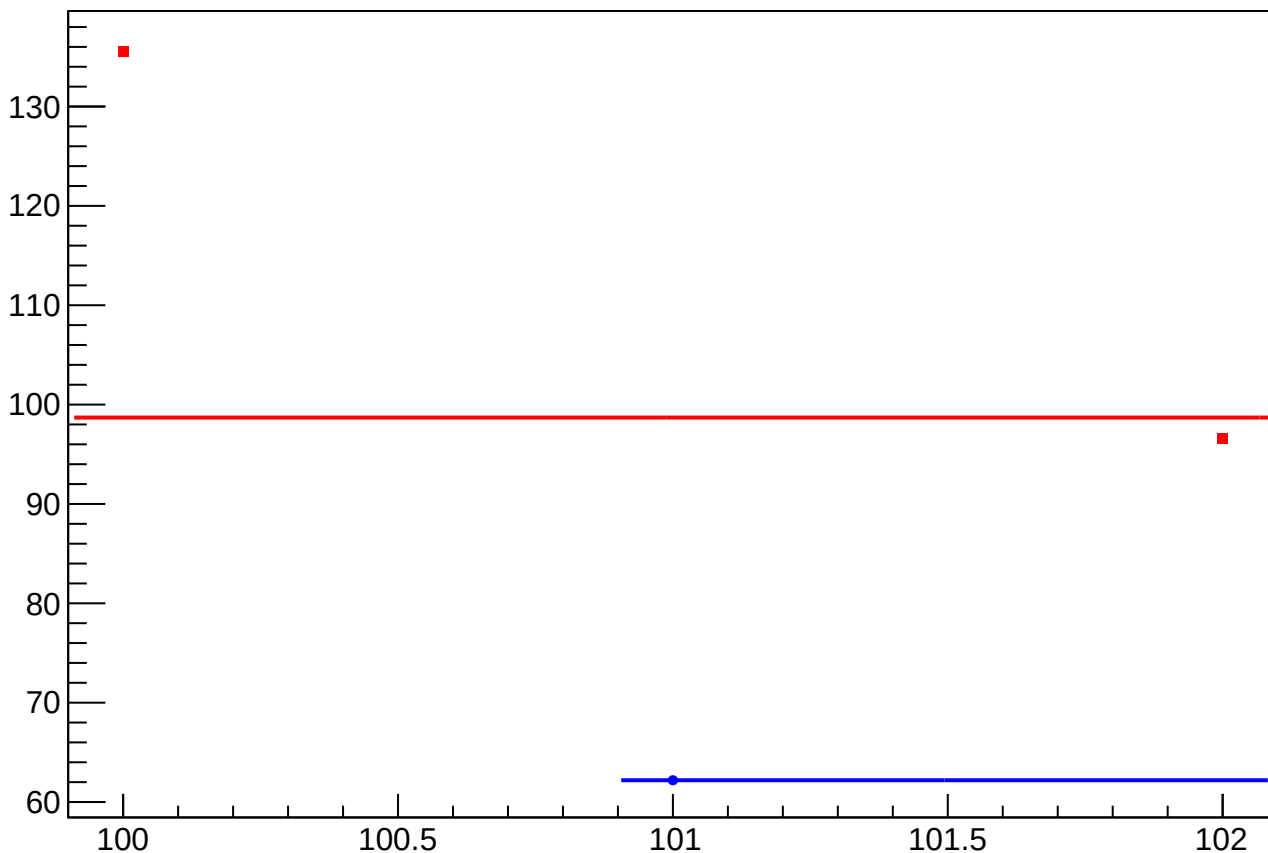
Right: -101.192+/-64.745 χ^2 /NDF: 0.5/2

In: -74.041+/-77.431 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -101.192+/-64.745 χ^2 /NDF: 0.5/2

reg_asym_sam8_rms vs Slug, Sign Corrected



Right In: 62.191+/-0.055 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.695+/-0.083 χ^2/NDF : 11325.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

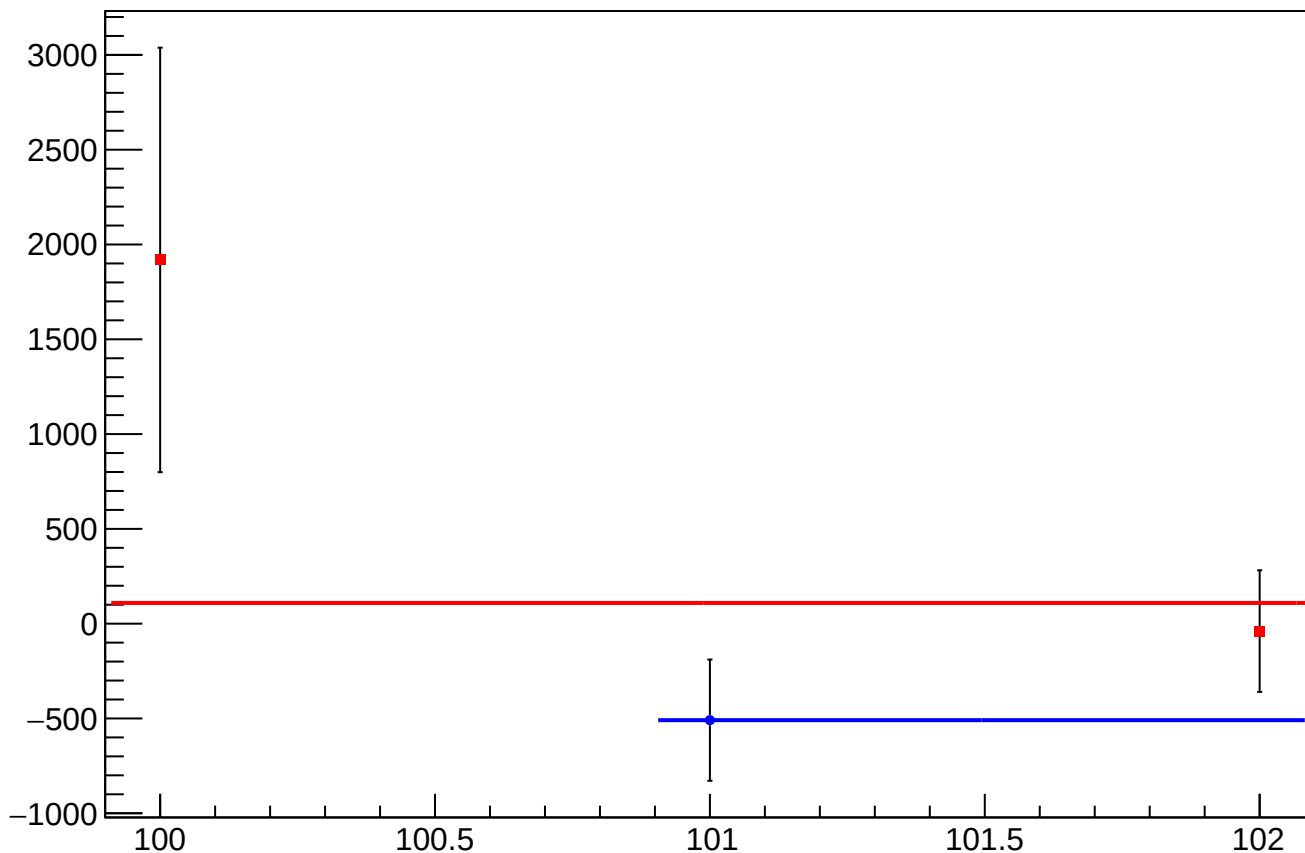
Right: 73.172+/-0.046 χ^2/NDF : 145046.4/2

In: 62.191+/-0.055 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.172+/-0.046 χ^2/NDF : 145046.4/2

asym_sam8_reg_correction_mean vs Slug, Sign Corrected



Right In: -508.977+/-319.851 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 109.305+/-308.325 χ^2 /NDF: 2.8/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

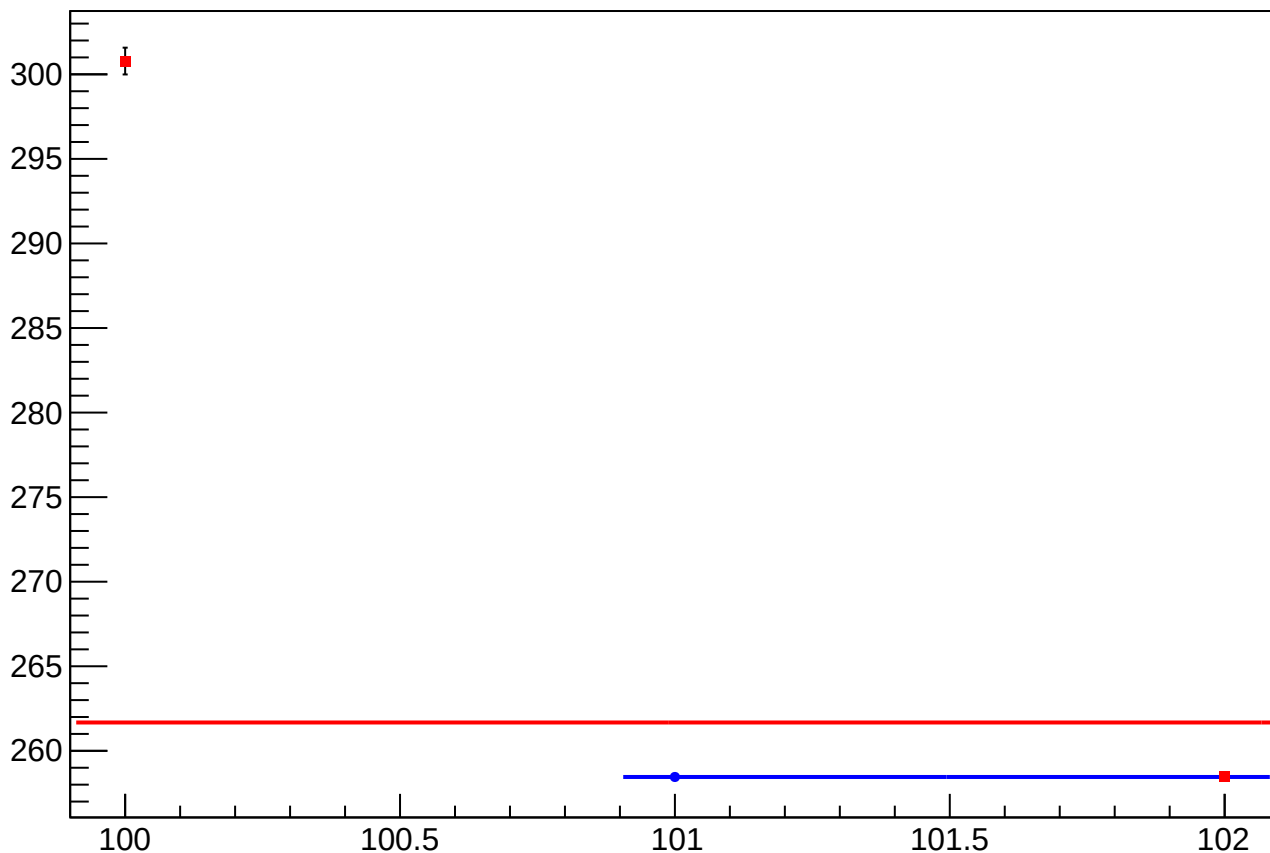
Right: -188.496+/-221.982 χ^2 /NDF: 4.8/2

In: -508.977+/-319.851 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -188.496+/-221.982 χ^2 /NDF: 4.8/2

asym_sam8_reg_correction_rms vs Slug, Sign Corrected



Right In: 258.454 $\pm$ 0.226 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 261.676 $\pm$ 0.218 χ^2 /NDF: 2640.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

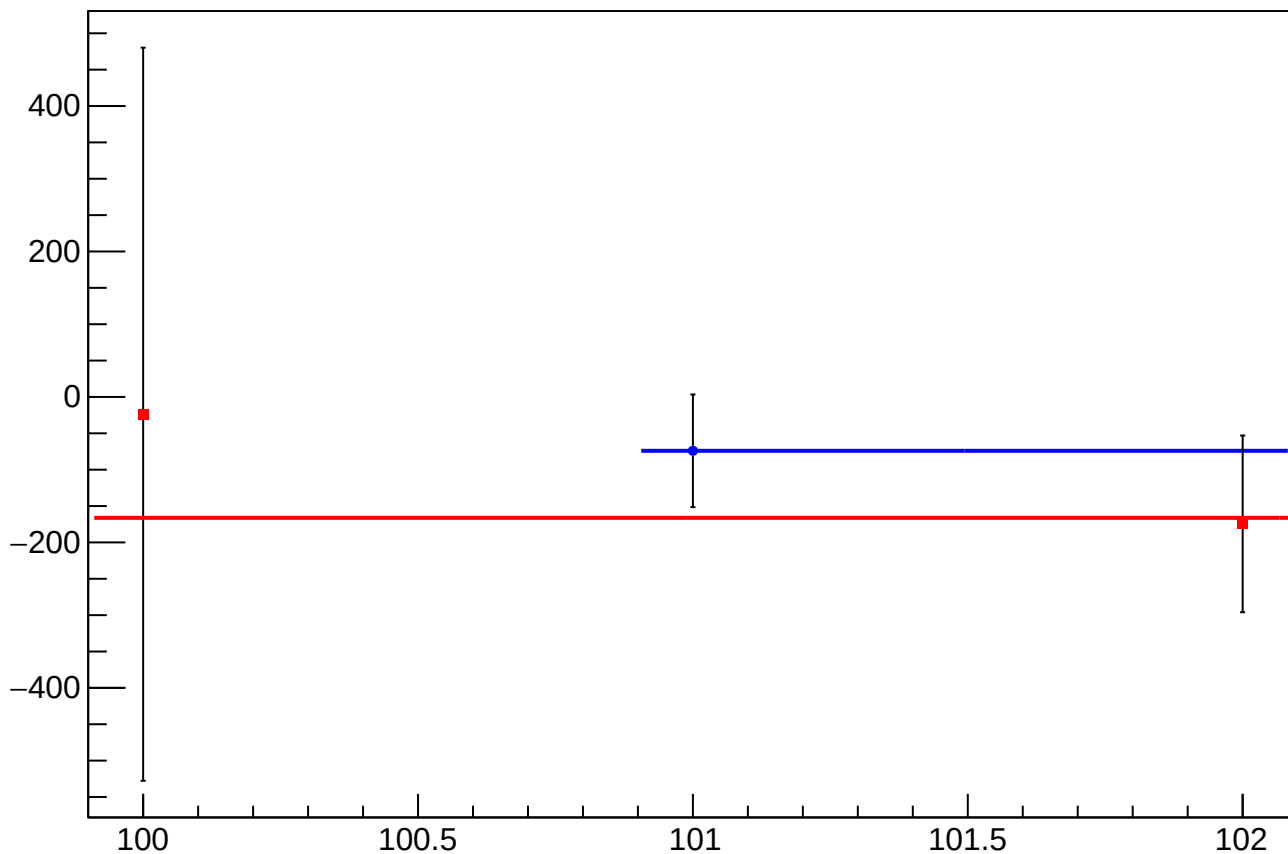
Right: 260.124 $\pm$ 0.157 χ^2 /NDF: 2745.8/2

In: 258.454 $\pm$ 0.226 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 260.124 $\pm$ 0.157 χ^2 /NDF: 2745.8/2

cor_asym_sam8_mean vs Slug, Sign Corrected



Right In: -74.050 $\pm$ 77.431 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -166.201 $\pm$ 118.087 χ^2/NDF : 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

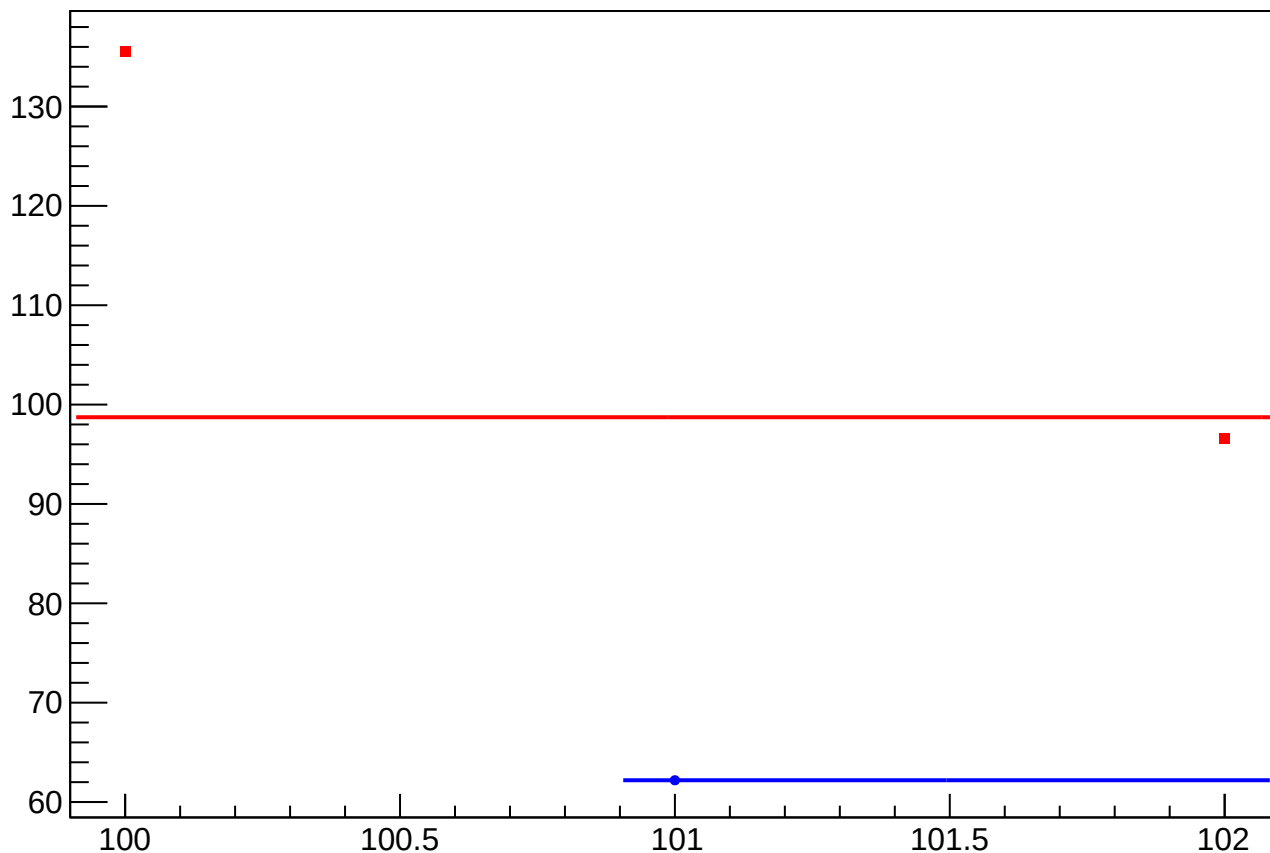
Right: -101.758 $\pm$ 64.752 χ^2/NDF : 0.5/2

In: -74.050 $\pm$ 77.431 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -101.758 $\pm$ 64.752 χ^2/NDF : 0.5/2

cor_asym_sam8_rms vs Slug, Sign Corrected



Right In: 62.191 $\pm$ 0.055 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 98.728 $\pm$ 0.084 χ^2 /NDF: 11305.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

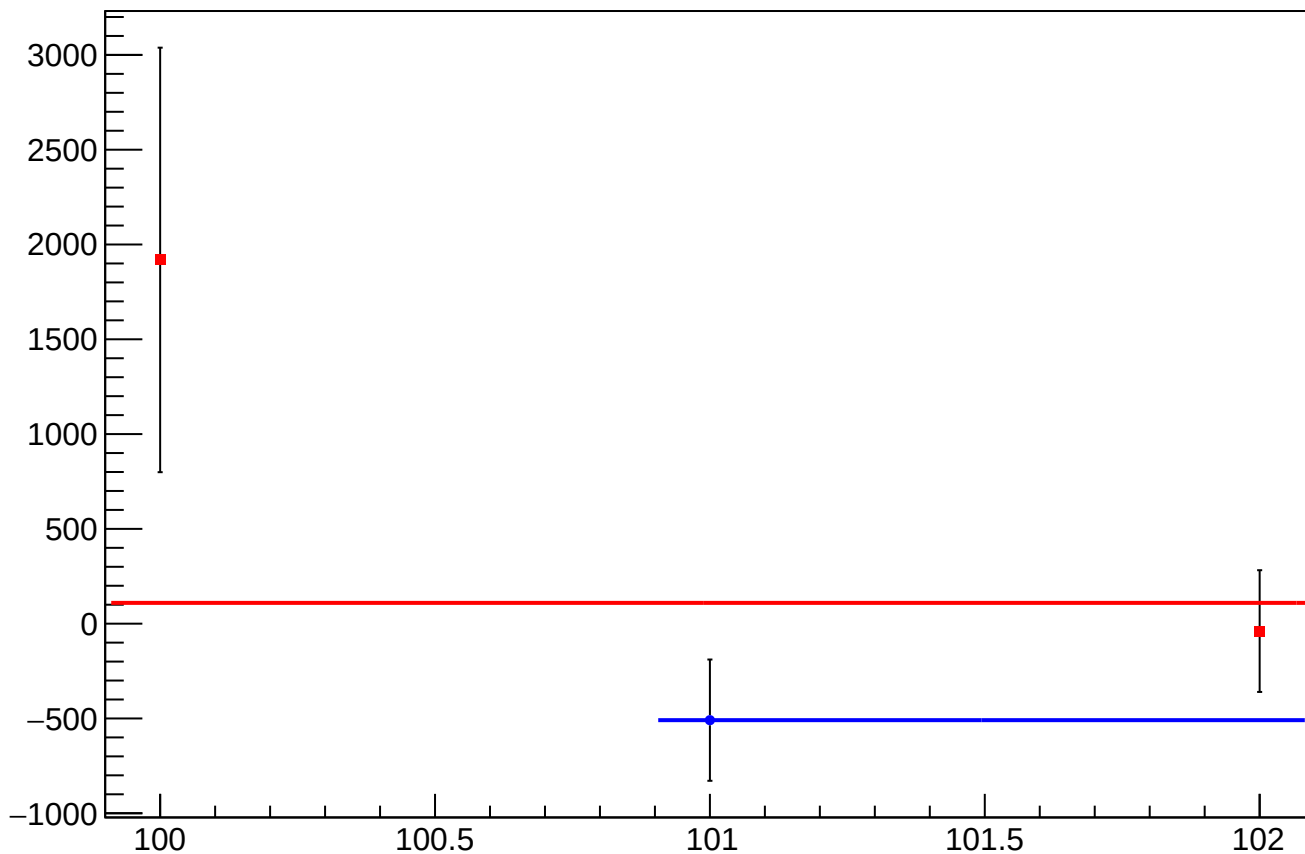
Right: 73.177 $\pm$ 0.046 χ^2 /NDF: 145202.9/2

In: 62.191 $\pm$ 0.055 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 73.177 $\pm$ 0.046 χ^2 /NDF: 145202.9/2

asym_sam8_cor_correction_mean vs Slug, Sign Corrected



Right In: -508.966+/-319.851 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 109.678+/-308.624 χ^2 /NDF: 2.8/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

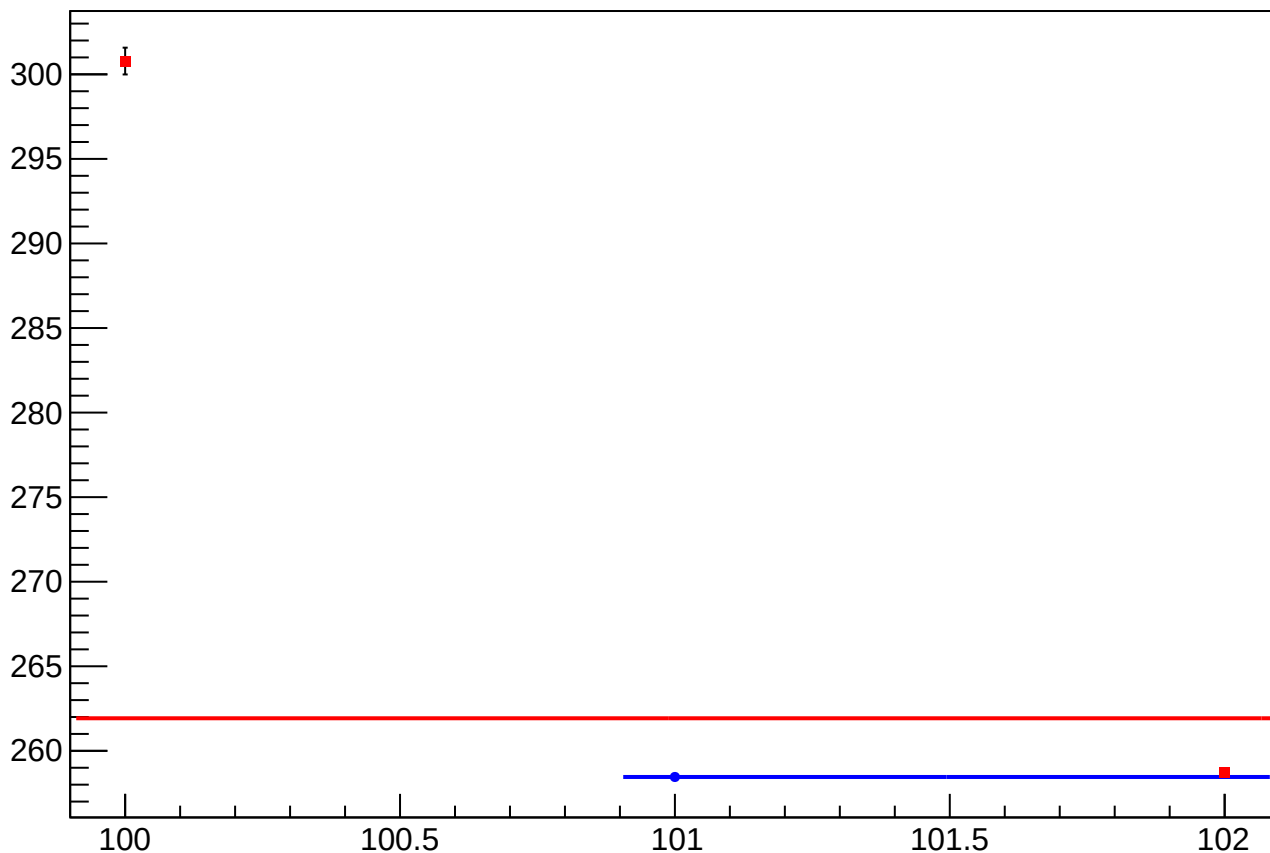
Right: -188.596+/-222.093 χ^2 /NDF: 4.8/2

In: -508.966+/-319.851 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -188.596+/-222.093 χ^2 /NDF: 4.8/2

asym_sam8_cor_correction_rms vs Slug, Sign Corrected



Right In: 258.455+/-0.226 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 261.925+/-0.218 χ^2/NDF : 2607.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

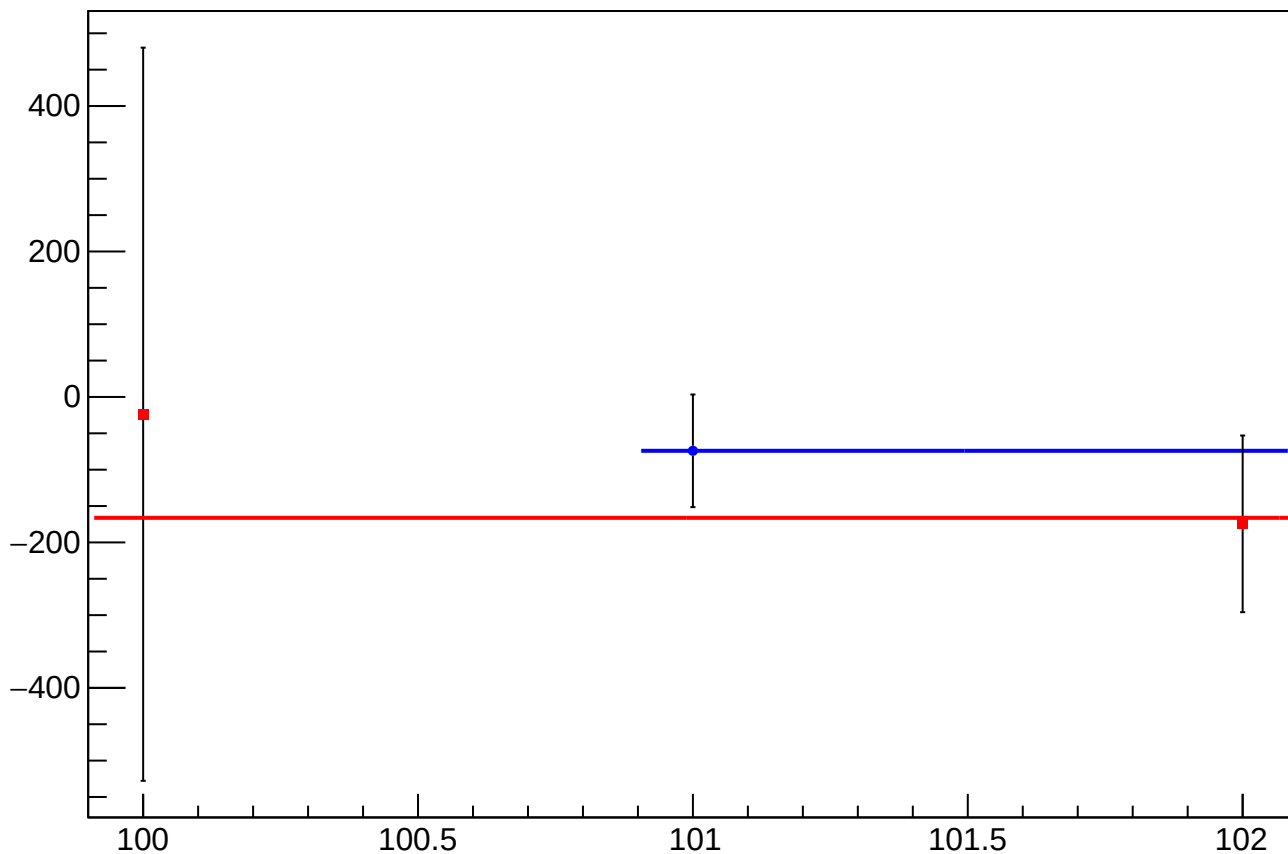
Right: 260.252+/-0.157 χ^2/NDF : 2729.4/2

In: 258.455+/-0.226 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 260.252+/-0.157 χ^2/NDF : 2729.4/2

eigen_cor_asym_sam8_mean vs Slug, Sign Corrected



Right In: -74.050 $\pm$ 77.431 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -166.201 $\pm$ 118.087 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

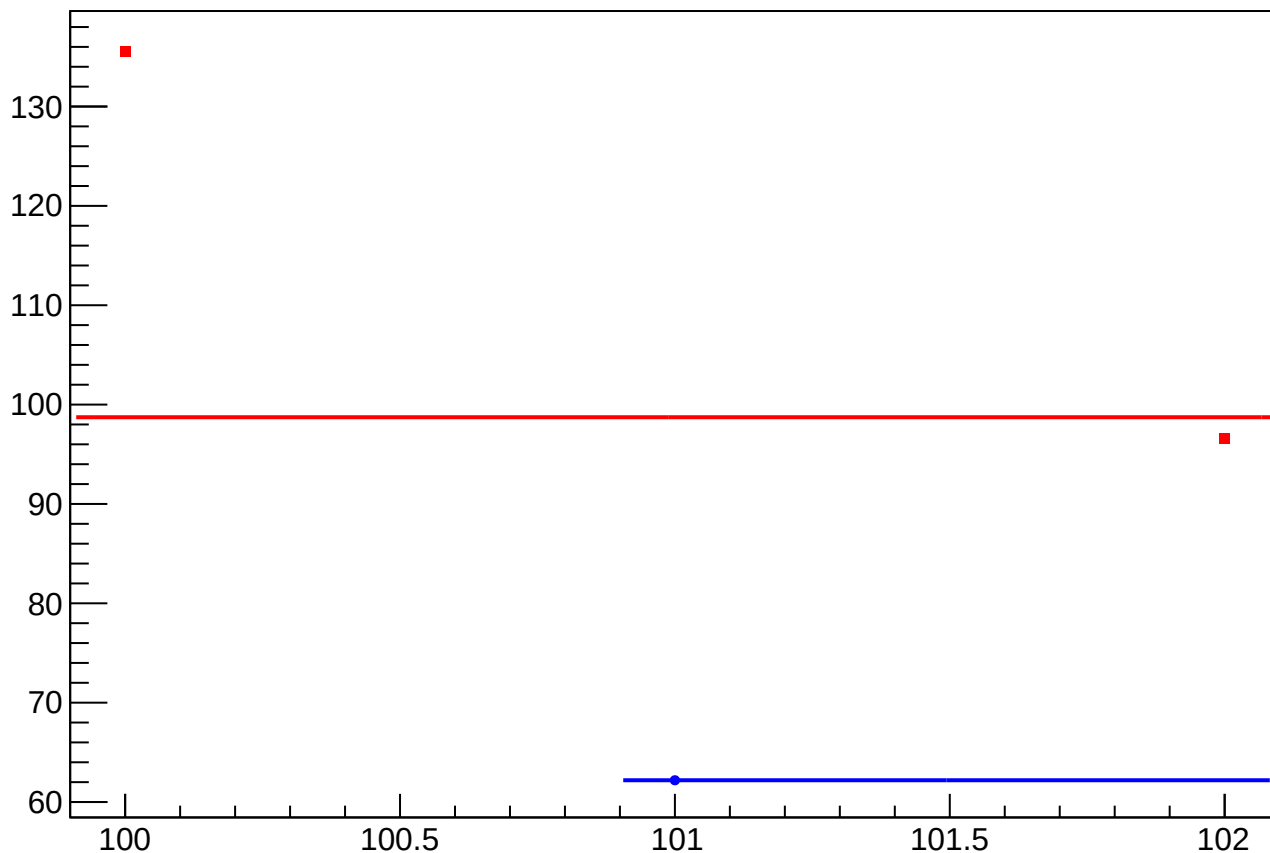
Right: -101.758 $\pm$ 64.752 χ^2 /NDF: 0.5/2

In: -74.050 $\pm$ 77.431 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -101.758 $\pm$ 64.752 χ^2 /NDF: 0.5/2

eigen_cor_asym_sam8_rms vs Slug, Sign Corrected



Right In: 62.191+/-0.055 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.728+/-0.084 χ^2/NDF : 11305.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

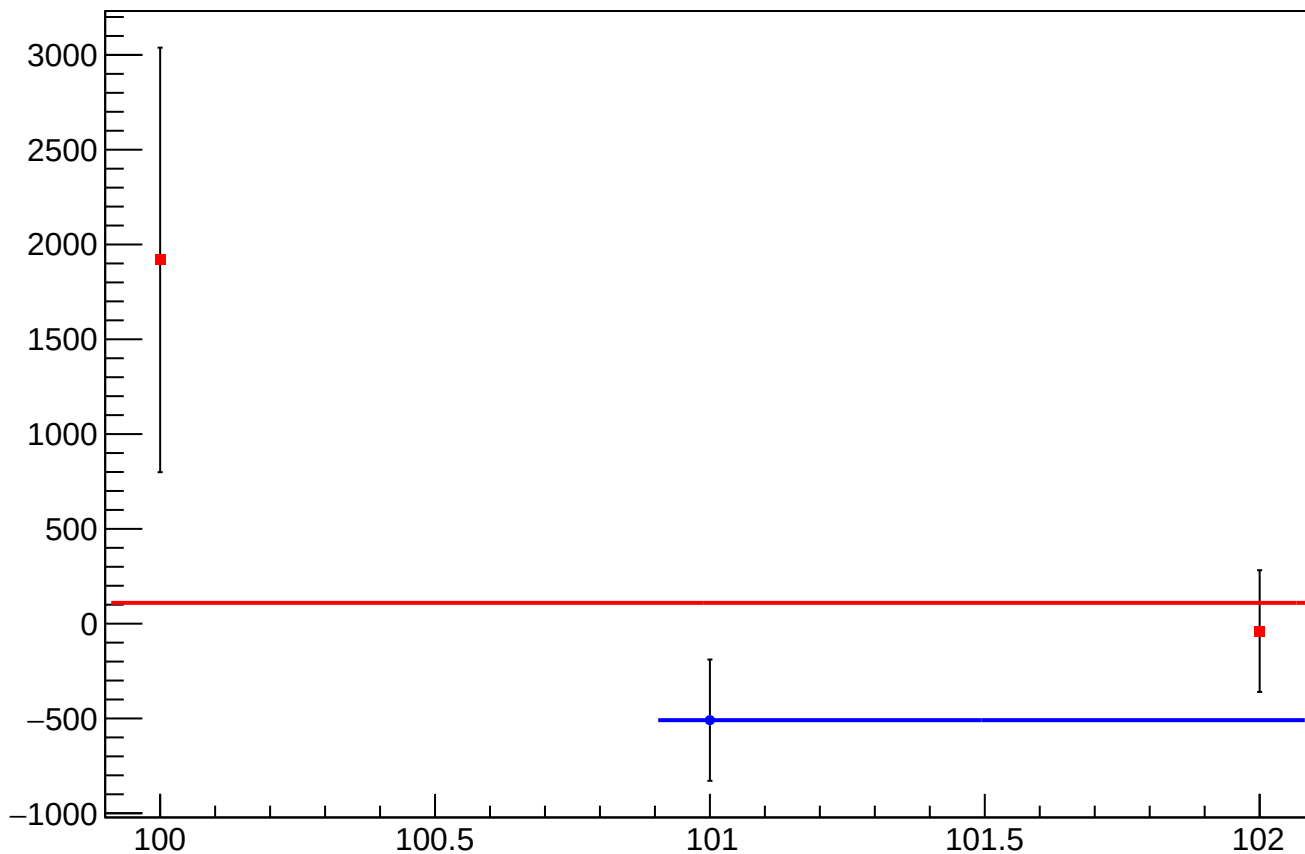
Right: 73.177+/-0.046 χ^2/NDF : 145202.9/2

In: 62.191+/-0.055 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.177+/-0.046 χ^2/NDF : 145202.9/2

asym_sam8_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -508.966+/-319.851 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.678+/-308.624 χ^2/NDF : 2.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

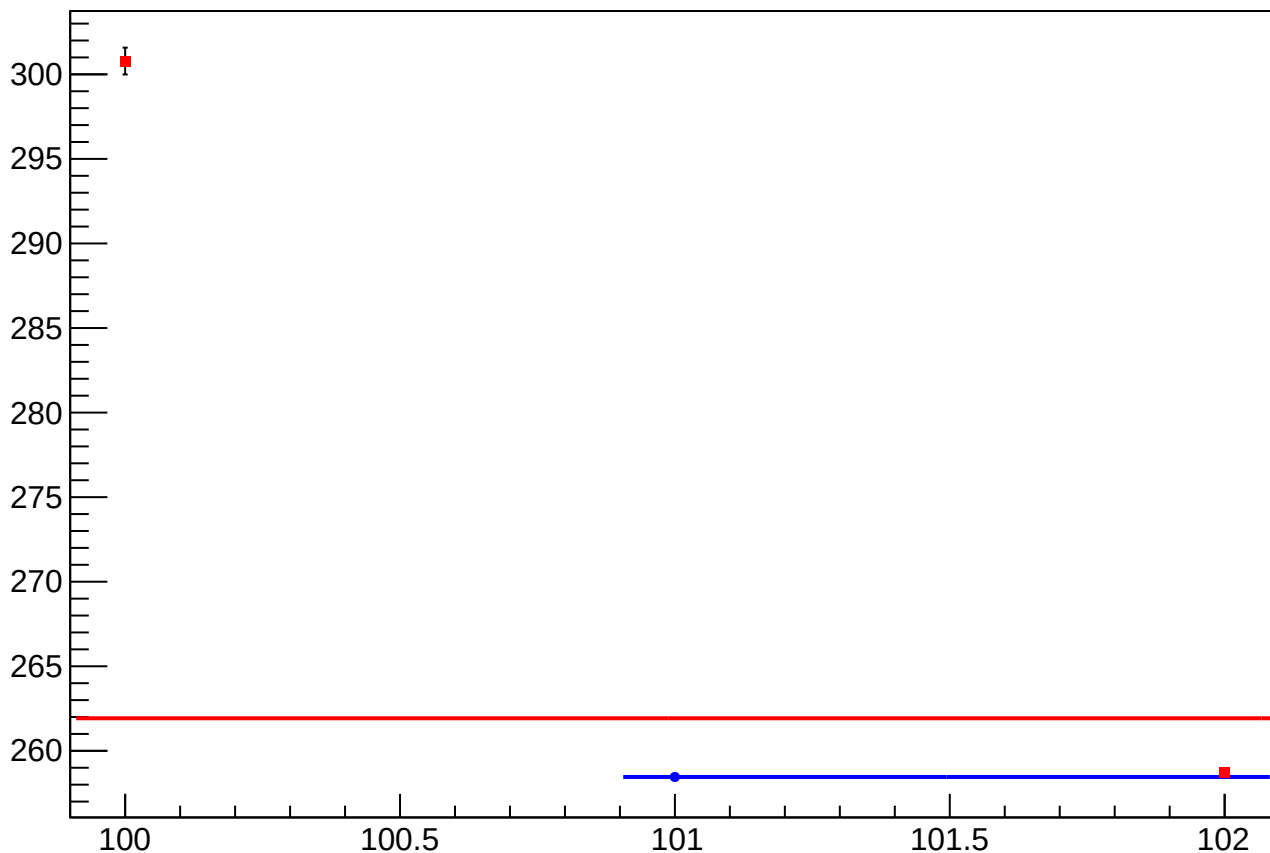
Right: -188.596+/-222.093 χ^2/NDF : 4.8/2

In: -508.966+/-319.851 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -188.596+/-222.093 χ^2/NDF : 4.8/2

asym_sam8_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 258.455+/-0.226 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 261.925+/-0.218 χ^2/NDF : 2607.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

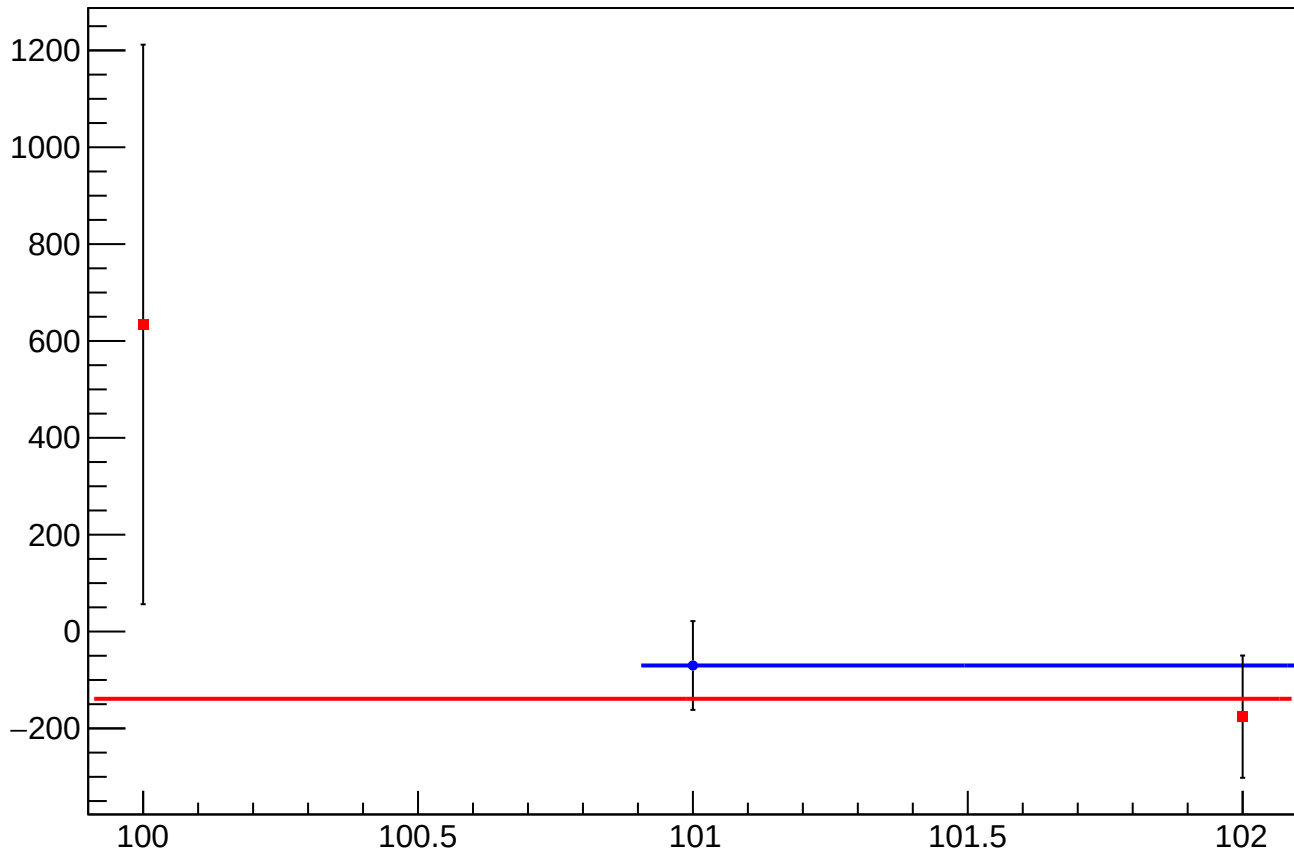
Right: 260.252+/-0.157 χ^2/NDF : 2729.4/2

In: 258.455+/-0.226 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 260.252+/-0.157 χ^2/NDF : 2729.4/2

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -70.085 ± 91.613 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -138.853 ± 123.324 $\chi^2/\text{NDF}: 1.9/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

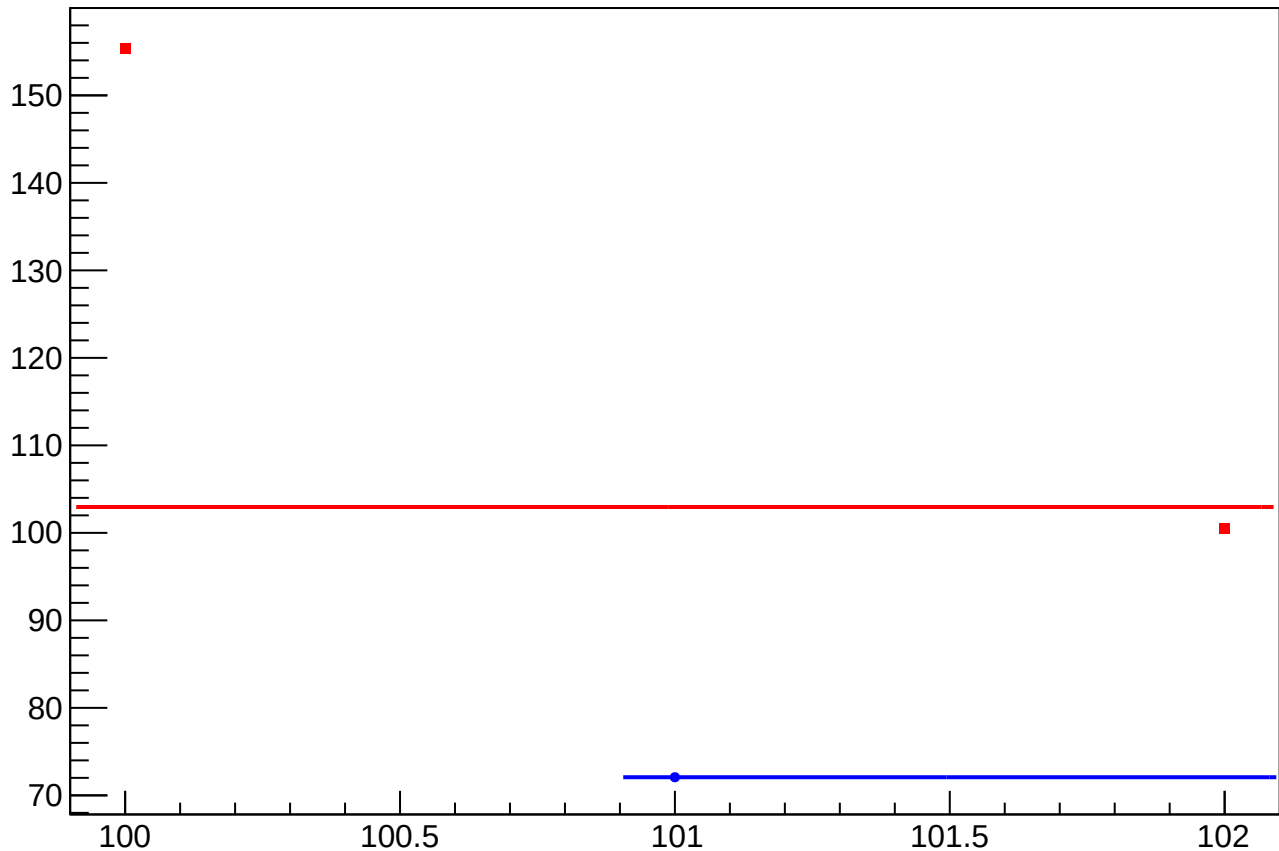
Right: -94.540 ± 73.542 $\chi^2/\text{NDF}: 2.1/2$

In: -70.085 ± 91.613 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -94.540 ± 73.542 $\chi^2/\text{NDF}: 2.1/2$

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 72.073 $\pm$ 0.065 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 102.957 $\pm$ 0.087 χ^2 /NDF: 17260.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

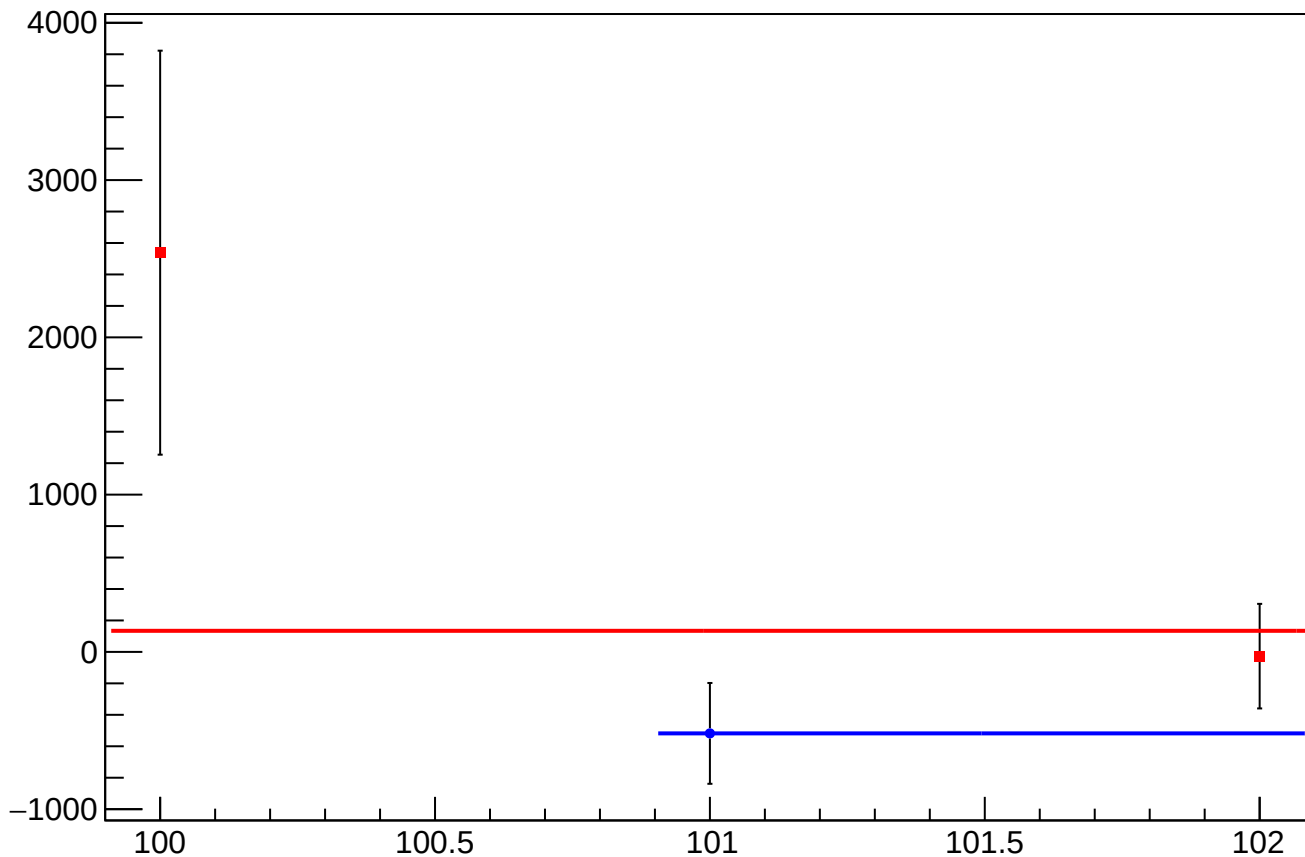
Right: 83.056 $\pm$ 0.052 χ^2 /NDF: 98086.4/2

In: 72.073 $\pm$ 0.065 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 83.056 $\pm$ 0.052 χ^2 /NDF: 98086.4/2

asym_sam8_dit_correction_mean vs Slug, Sign Corrected



Right In: -518.087+/-320.539 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.081+/-321.858 χ^2/NDF : 3.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

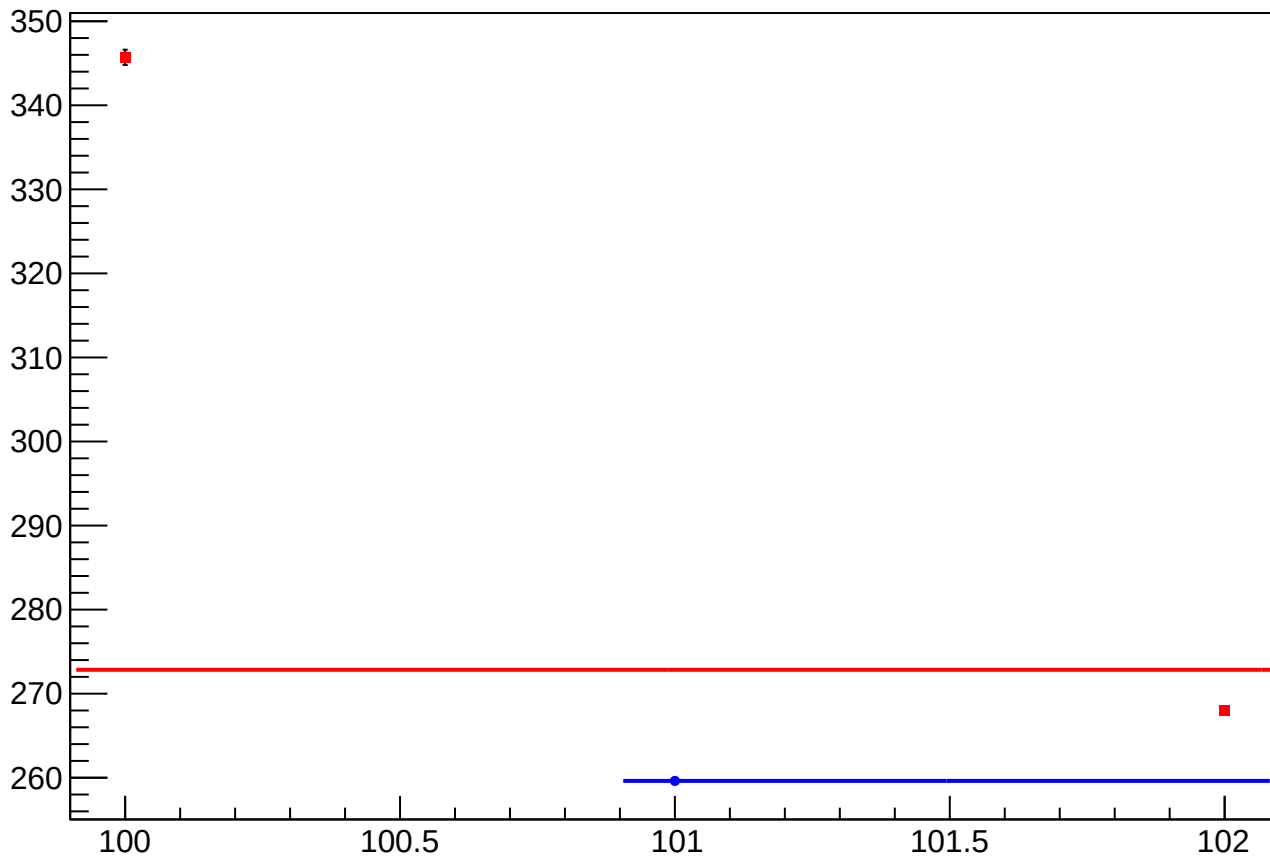
Right: -193.342+/-227.120 χ^2/NDF : 5.8/2

In: -518.087+/-320.539 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -193.342+/-227.120 χ^2/NDF : 5.8/2

asym_sam8_dit_correction_rms vs Slug, Sign Corrected



Right In: 259.624 $\pm$ 0.227 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 272.842 $\pm$ 0.228 χ^2 /NDF: 6868.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

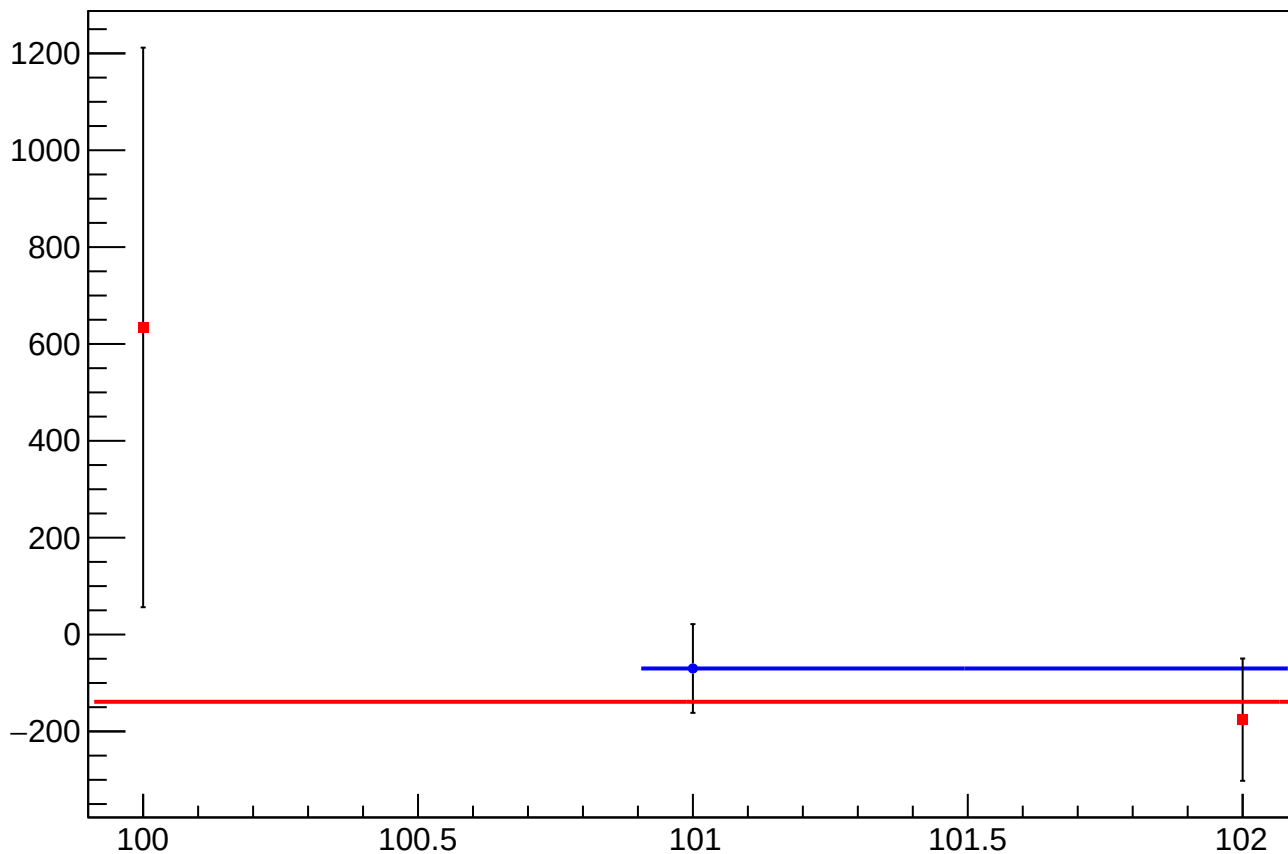
Right: 266.206 $\pm$ 0.161 χ^2 /NDF: 8561.9/2

In: 259.624 $\pm$ 0.227 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 266.206 $\pm$ 0.161 χ^2 /NDF: 8561.9/2

eigen_dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -70.078+/-91.614 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -138.852+/-123.324 χ^2 /NDF: 1.9/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

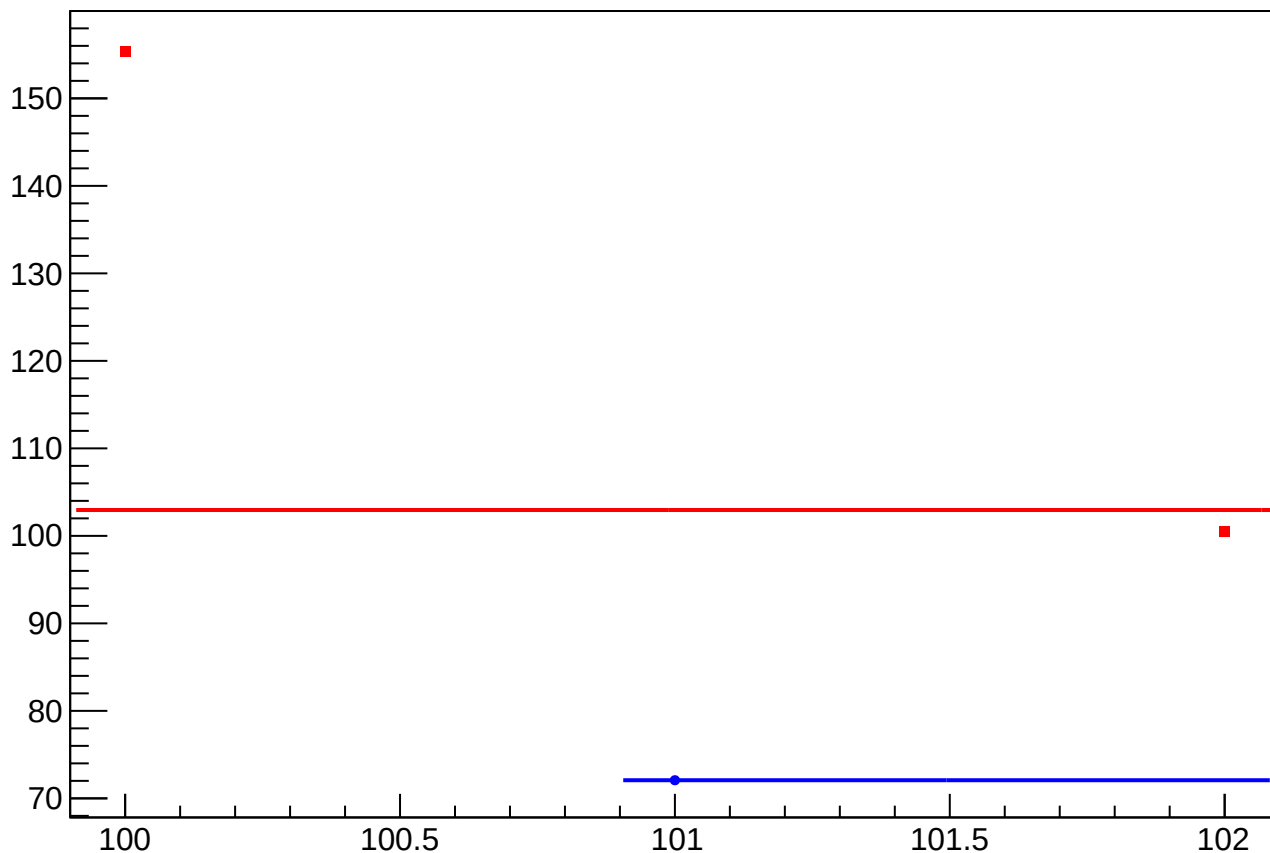
Right: -94.535+/-73.542 χ^2 /NDF: 2.1/2

In: -70.078+/-91.614 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -94.535+/-73.542 χ^2 /NDF: 2.1/2

eigen_dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 72.073 $\pm$ 0.065 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 102.957 $\pm$ 0.087 χ^2 /NDF: 17260.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

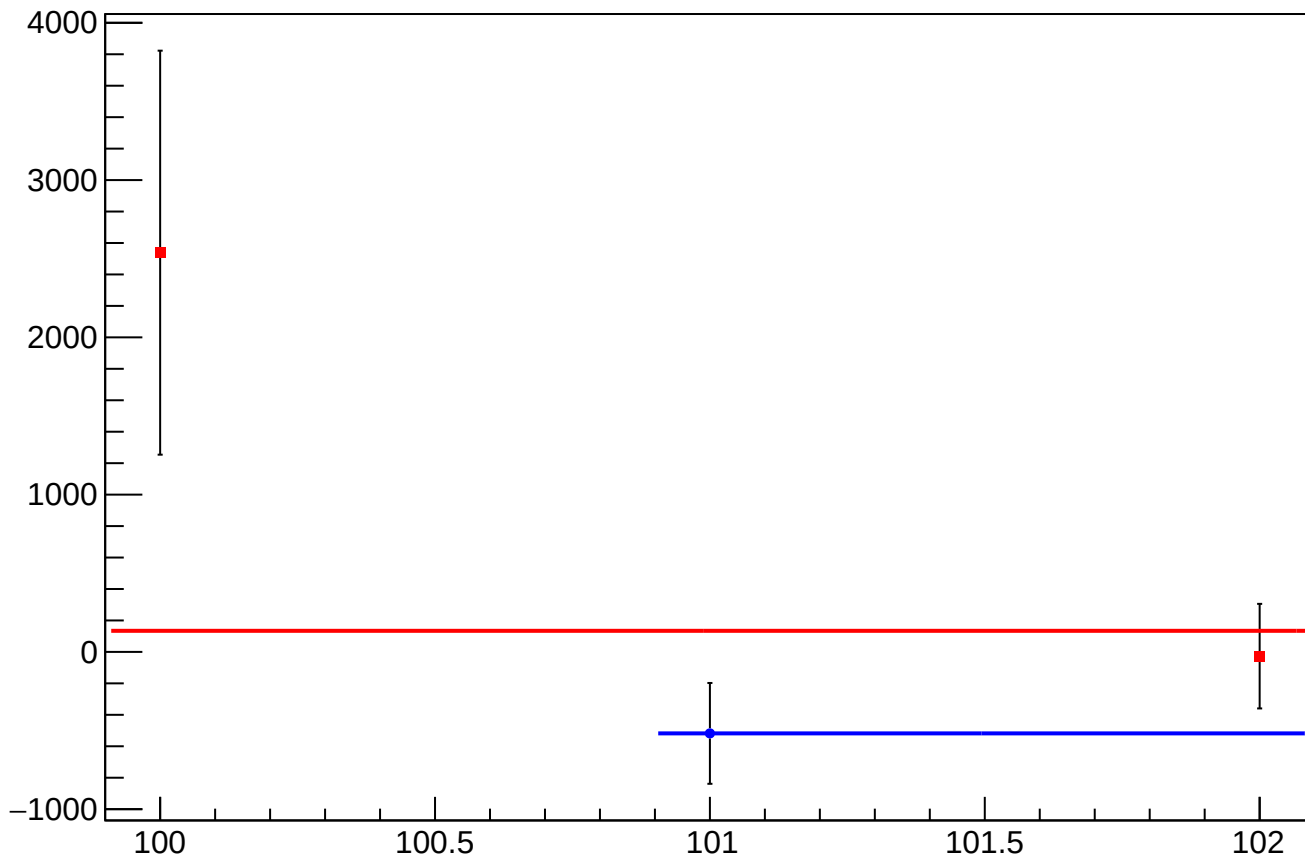
Right: 83.056 $\pm$ 0.052 χ^2 /NDF: 98085.4/2

In: 72.073 $\pm$ 0.065 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 83.056 $\pm$ 0.052 χ^2 /NDF: 98085.4/2

asym_sam8_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -518.083+/-320.537 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 134.080+/-321.856 χ^2 /NDF: 3.7/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

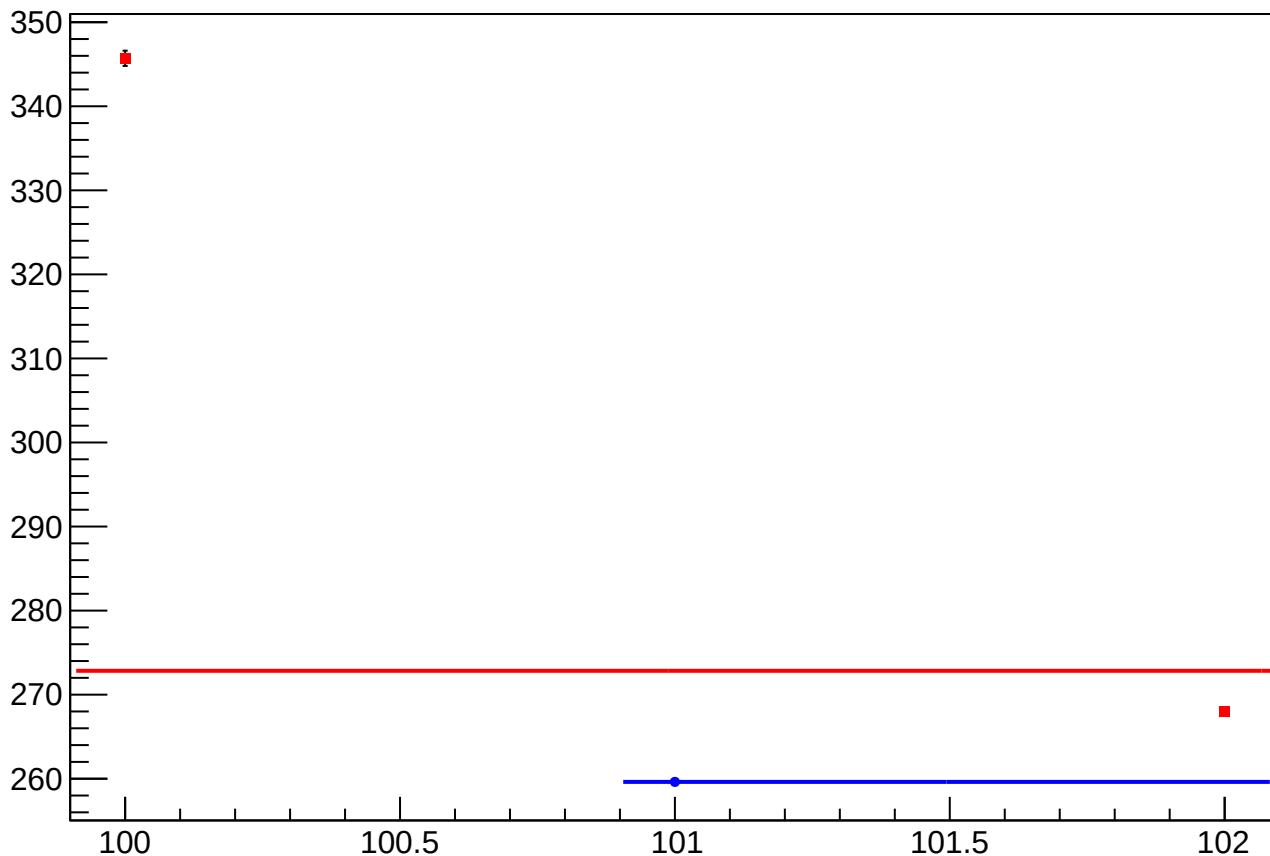
Right: -193.340+/-227.119 χ^2 /NDF: 5.8/2

In: -518.083+/-320.537 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -193.340+/-227.119 χ^2 /NDF: 5.8/2

asym_sam8_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 259.622 $\pm$ 0.227 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 272.839 $\pm$ 0.228 χ^2 /NDF: 6868.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

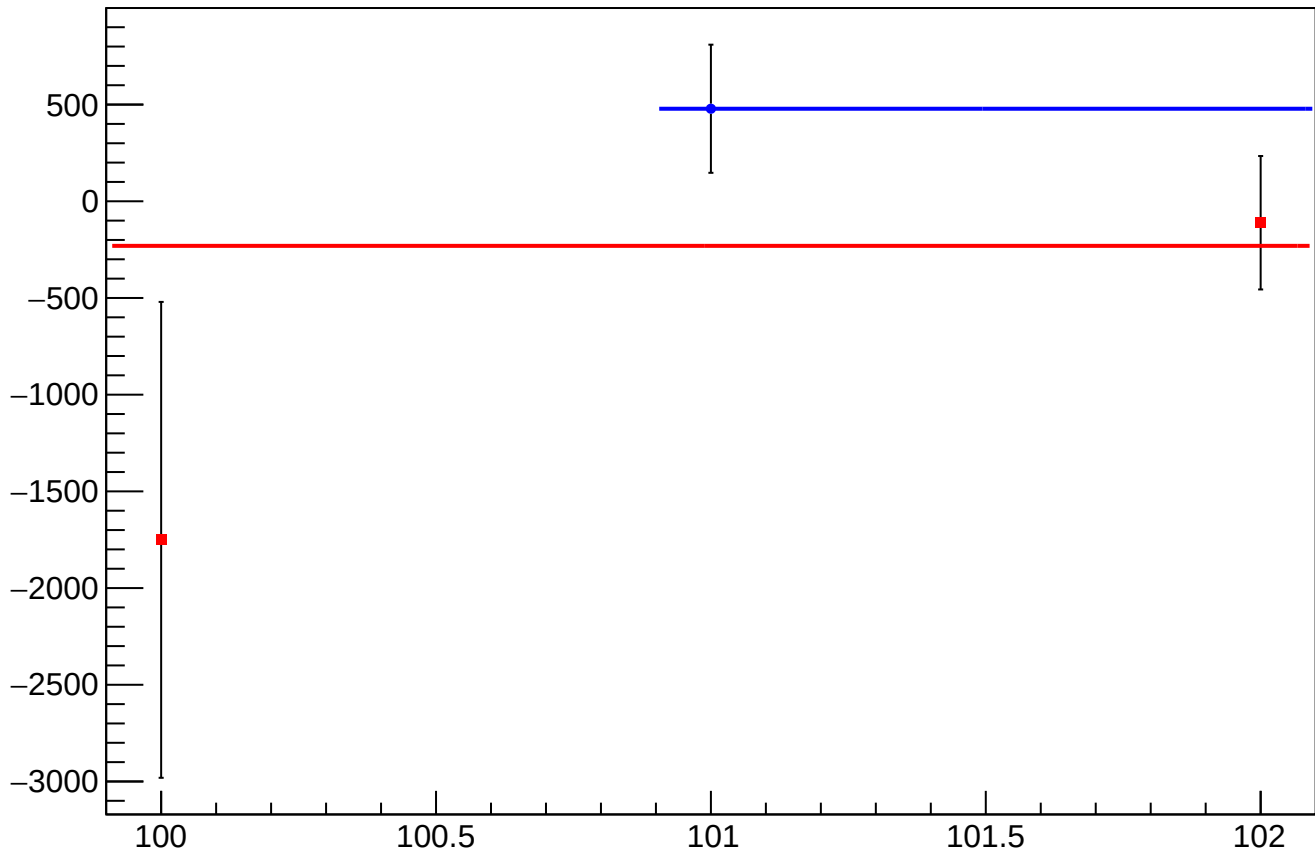
Right: 266.203 $\pm$ 0.161 χ^2 /NDF: 8561.8/2

In: 259.622 $\pm$ 0.227 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 266.203 $\pm$ 0.161 χ^2 /NDF: 8561.8/2

asym_sam8_mean vs Slug, Sign Corrected



Right In: 478.447+/-331.292 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -230.506+/-332.161 χ^2/NDF : 1.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

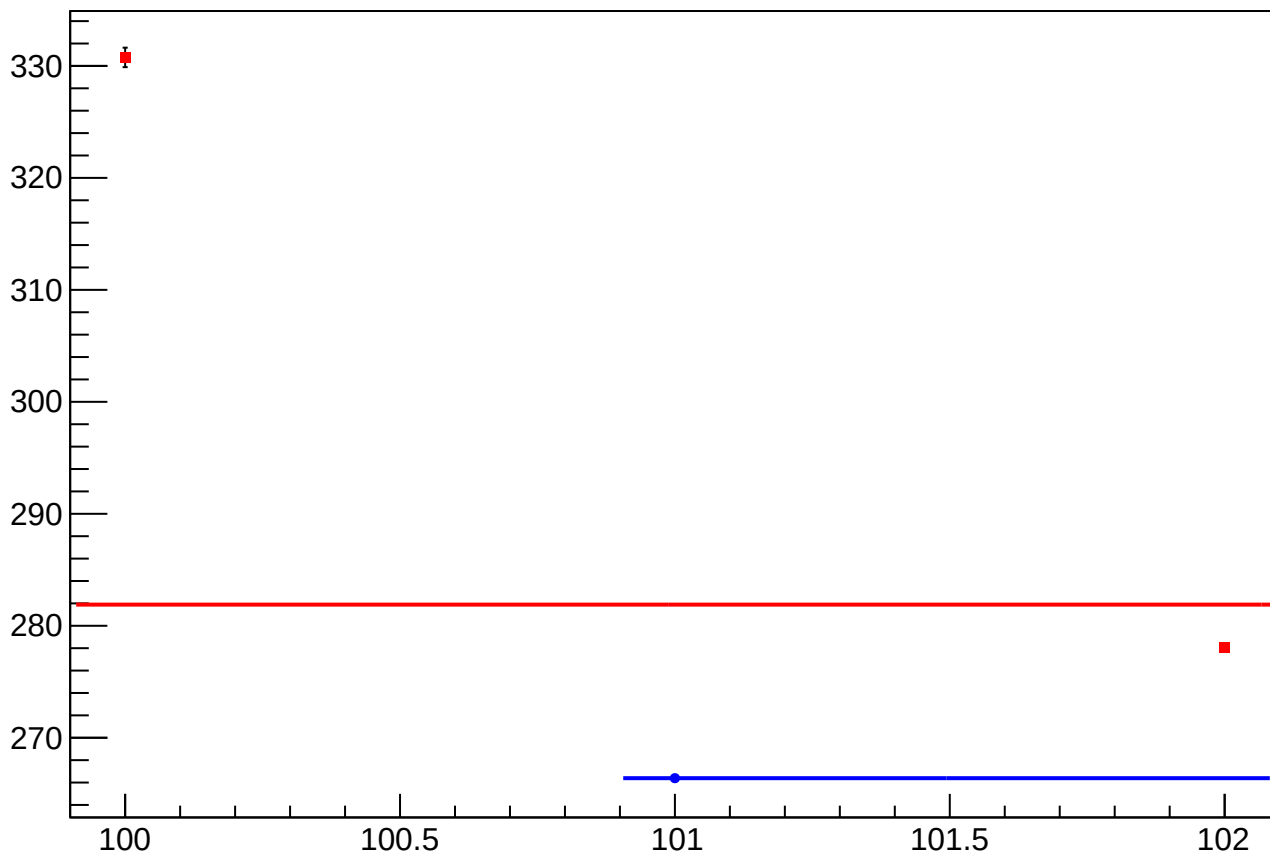
Right: 124.898+/-234.565 χ^2/NDF : 3.9/2

In: 478.447+/-331.292 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.898+/-234.565 χ^2/NDF : 3.9/2

asym_sam8_rms vs Slug, Sign Corrected



Right In: 266.390 $\pm$ 0.234 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 281.890 $\pm$ 0.235 χ^2 /NDF: 3403.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

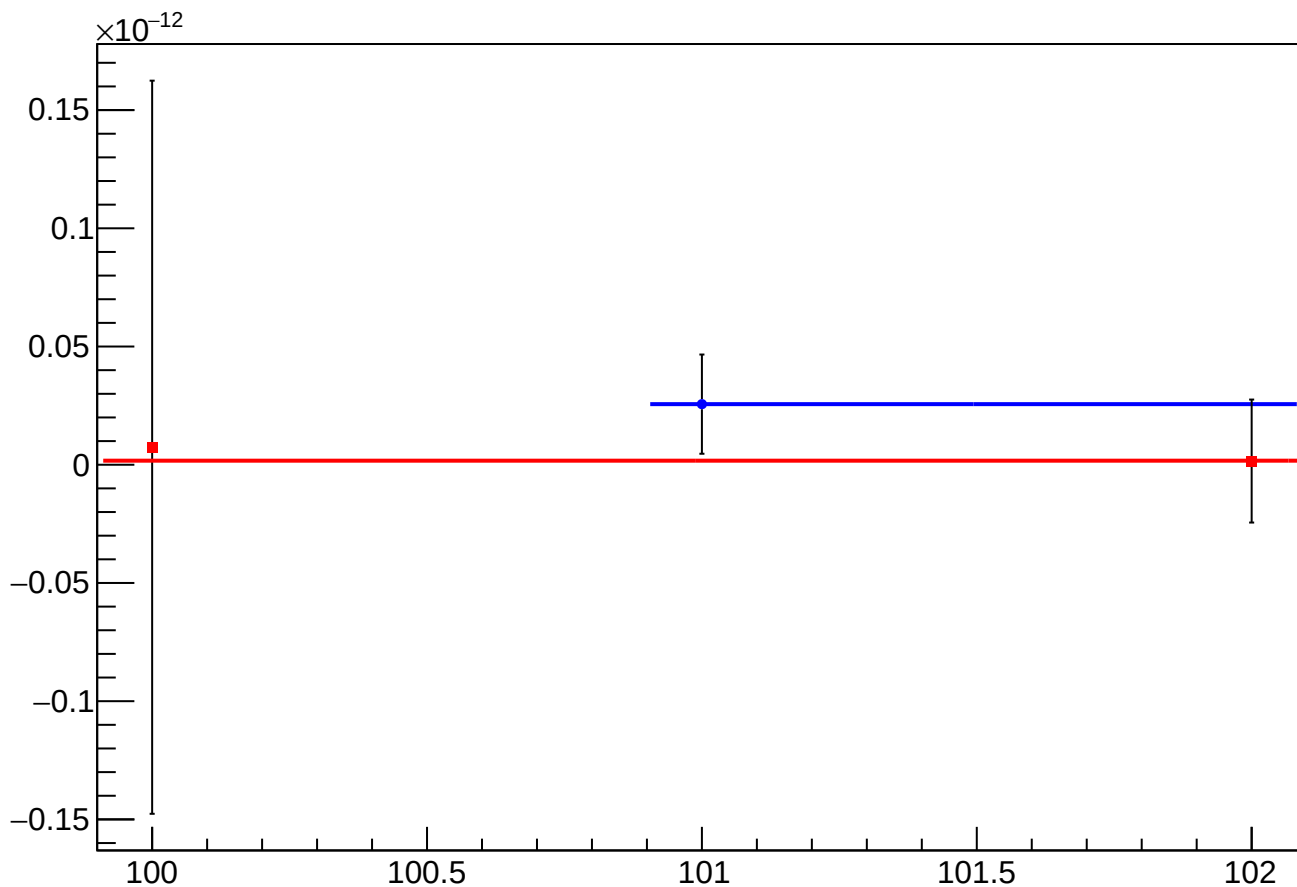
Right: 274.120 $\pm$ 0.166 χ^2 /NDF: 5586.7/2

In: 266.390 $\pm$ 0.234 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 274.120 $\pm$ 0.166 χ^2 /NDF: 5586.7/2

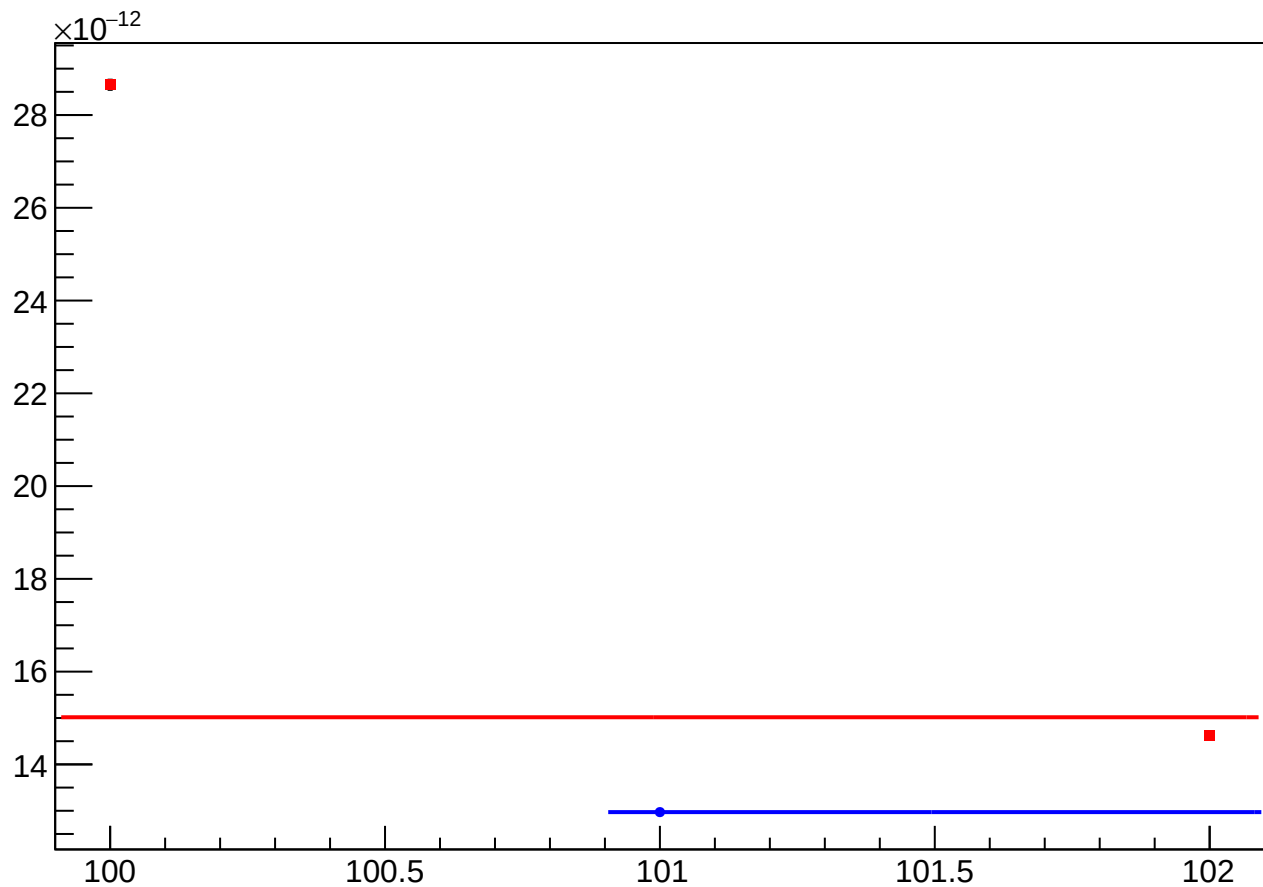
asym_sam8_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/1
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.5/2
 In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.5/2

asym_sam8_reg_vs_cor_diff_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 : 15908.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

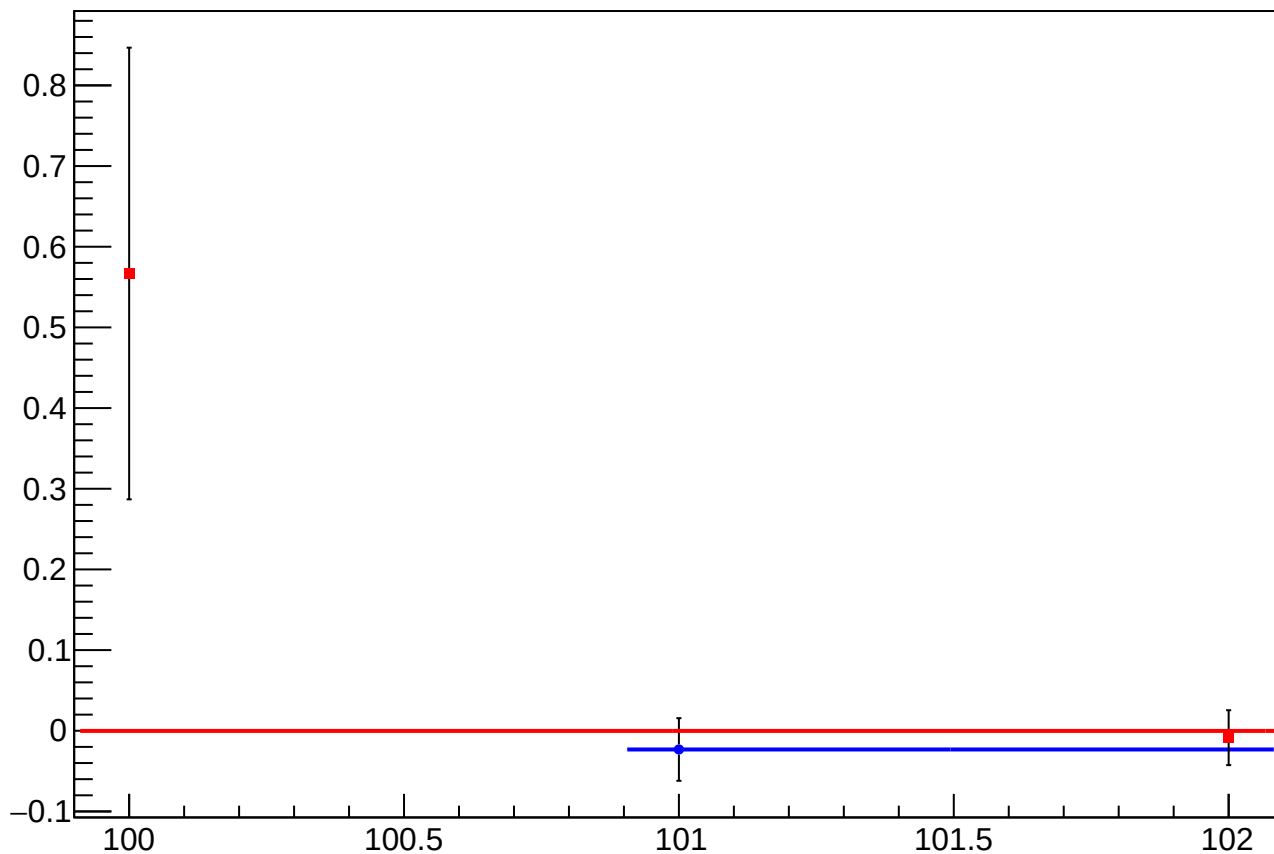
Right: 0.000+/-0.000 χ^2/NDF : 23525.6/2

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 : 23525.6/2

asym_sam8_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.023+/-0.039 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.034 χ^2/NDF : 4.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

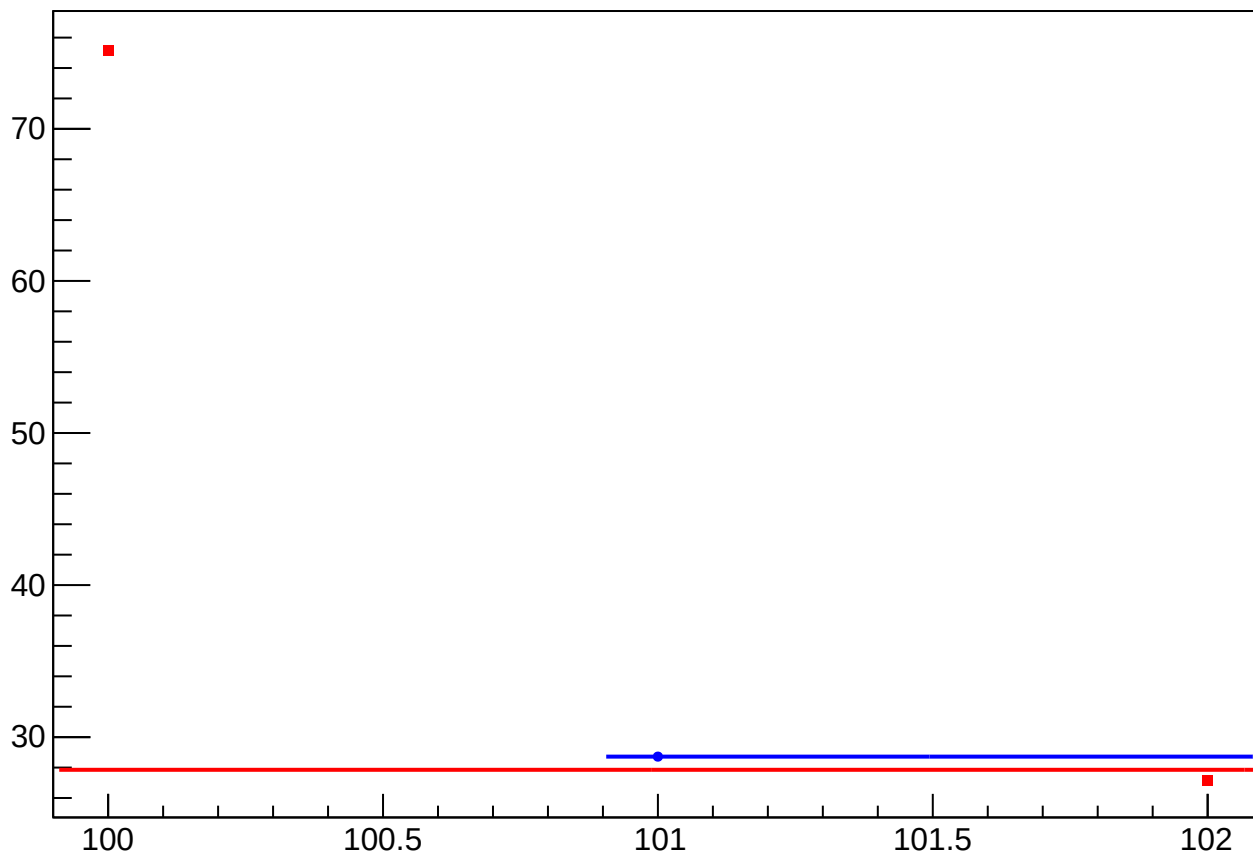
Right: -0.010+/-0.025 χ^2/NDF : 4.4/2

In: -0.023+/-0.039 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.025 χ^2/NDF : 4.4/2

asym_sam8_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.720 $\pm$ 0.027 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.854 $\pm$ 0.024 χ^2 /NDF: 57907.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

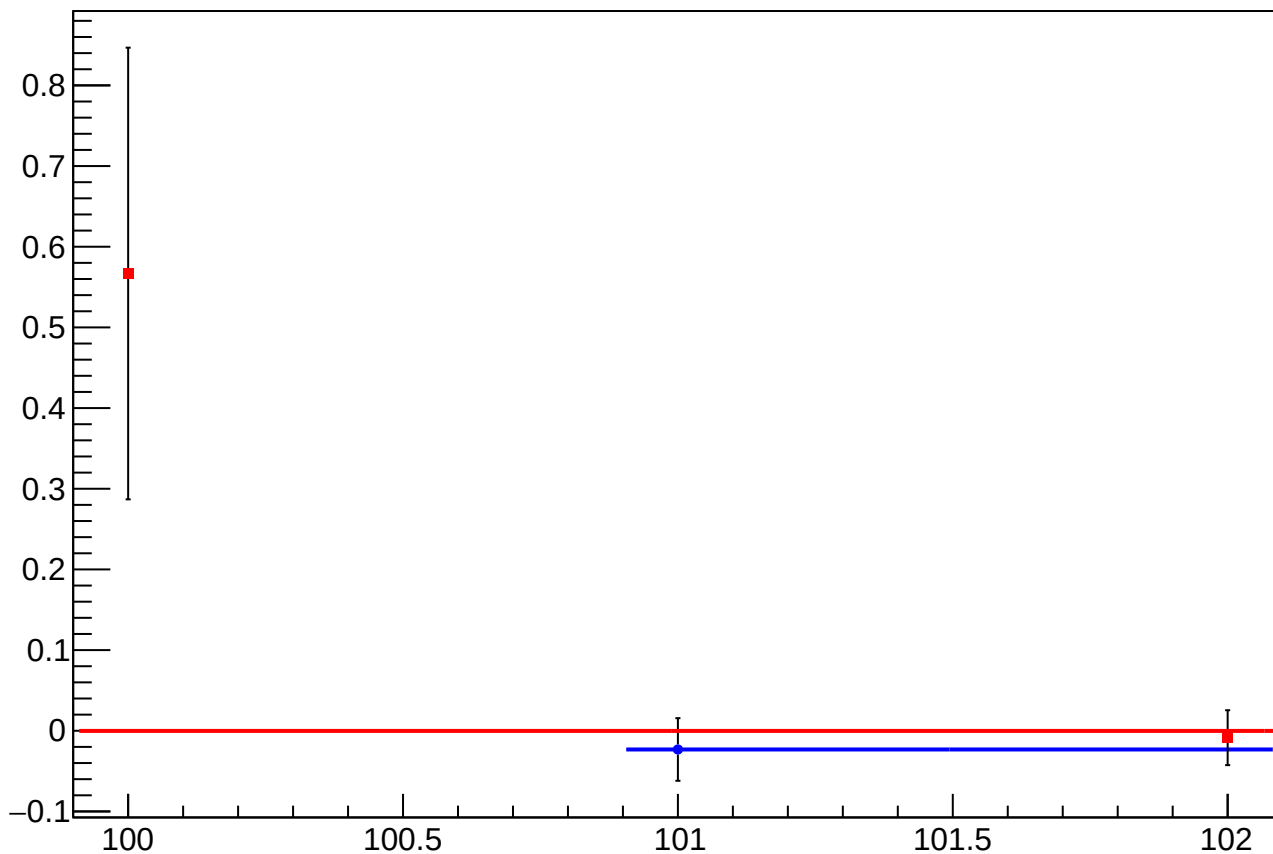
Right: 28.227 $\pm$ 0.018 χ^2 /NDF: 58474.4/2

In: 28.720 $\pm$ 0.027 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.227 $\pm$ 0.018 χ^2 /NDF: 58474.4/2

asym_sam8_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.023+/-0.039 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.034 χ^2/NDF : 4.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

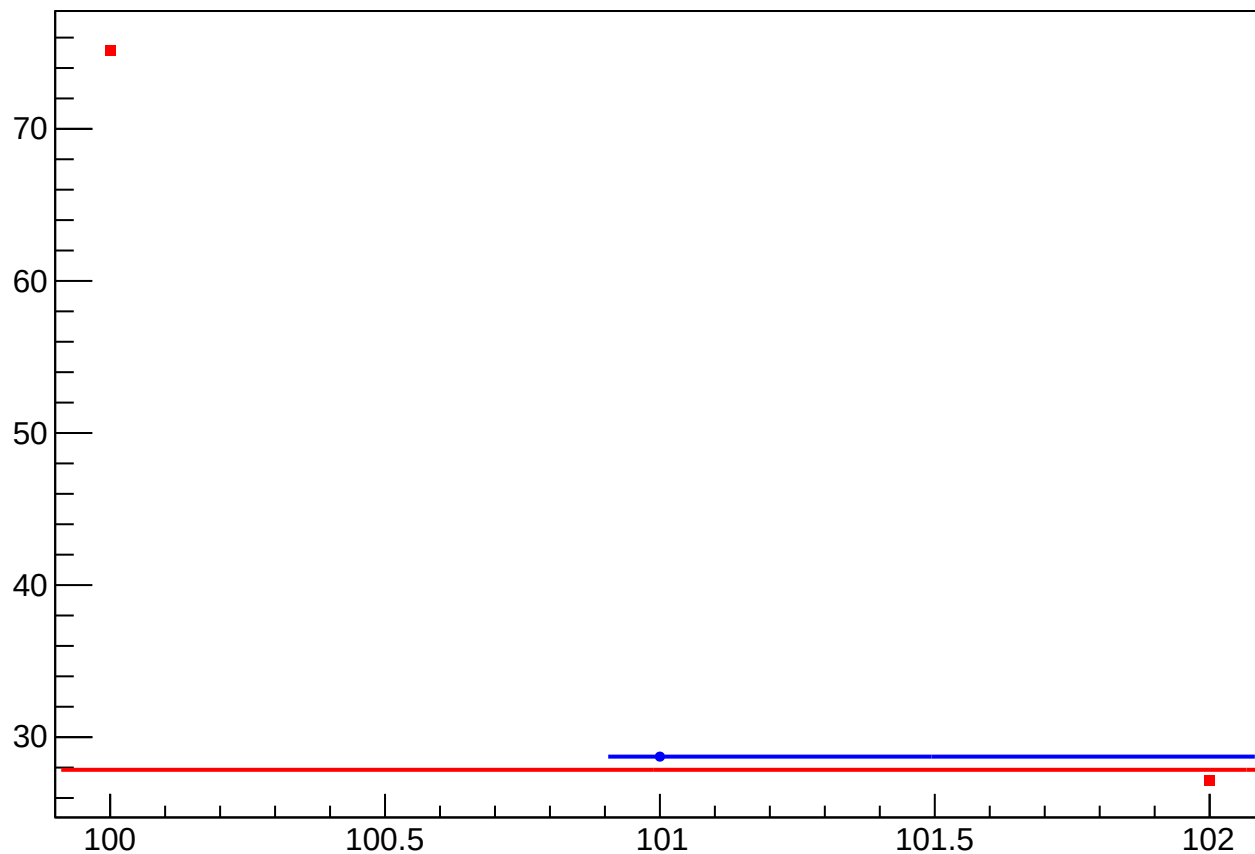
Right: -0.010+/-0.025 χ^2/NDF : 4.4/2

In: -0.023+/-0.039 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.025 χ^2/NDF : 4.4/2

asym_sam8_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.720 $\pm$ 0.027 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.854 $\pm$ 0.024 χ^2 /NDF: 57907.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

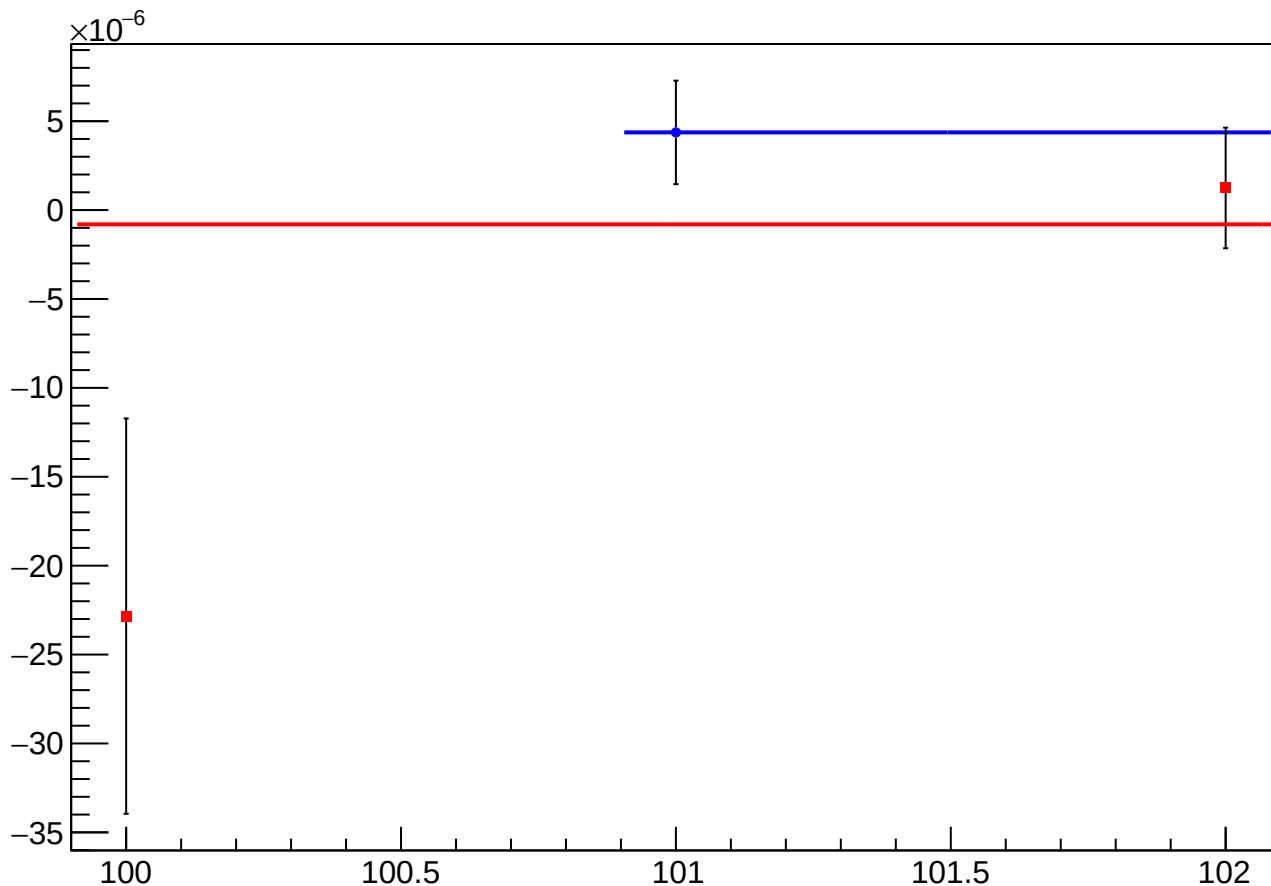
Right: 28.227 $\pm$ 0.018 χ^2 /NDF: 58474.4/2

In: 28.720 $\pm$ 0.027 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.227 $\pm$ 0.018 χ^2 /NDF: 58474.4/2

asym_sam8_eigen_dit_vs_dit_diff_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 : 4.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

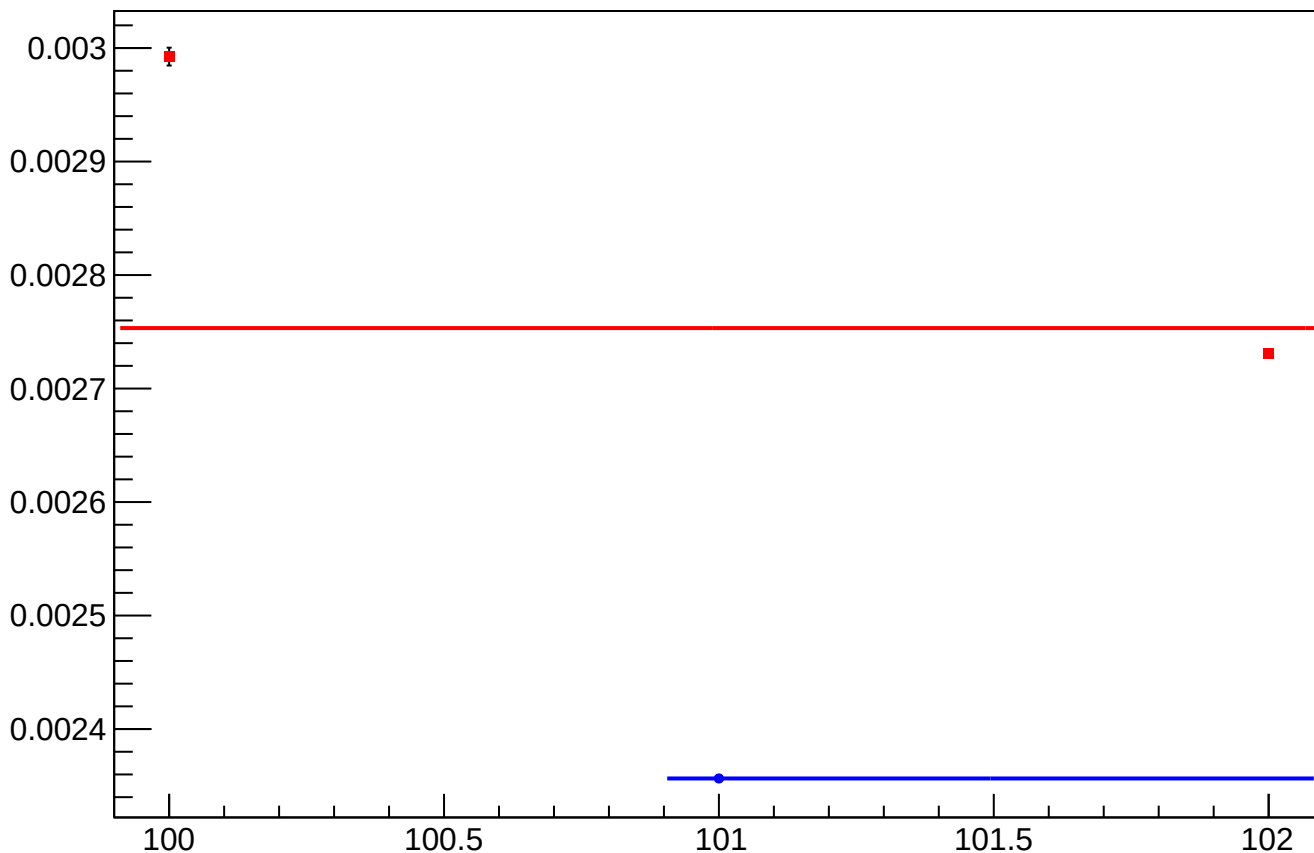
Right: 0.000+/-0.000 χ^2/NDF : 5.7/2

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 : 5.7/2

asym_sam8_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1011.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

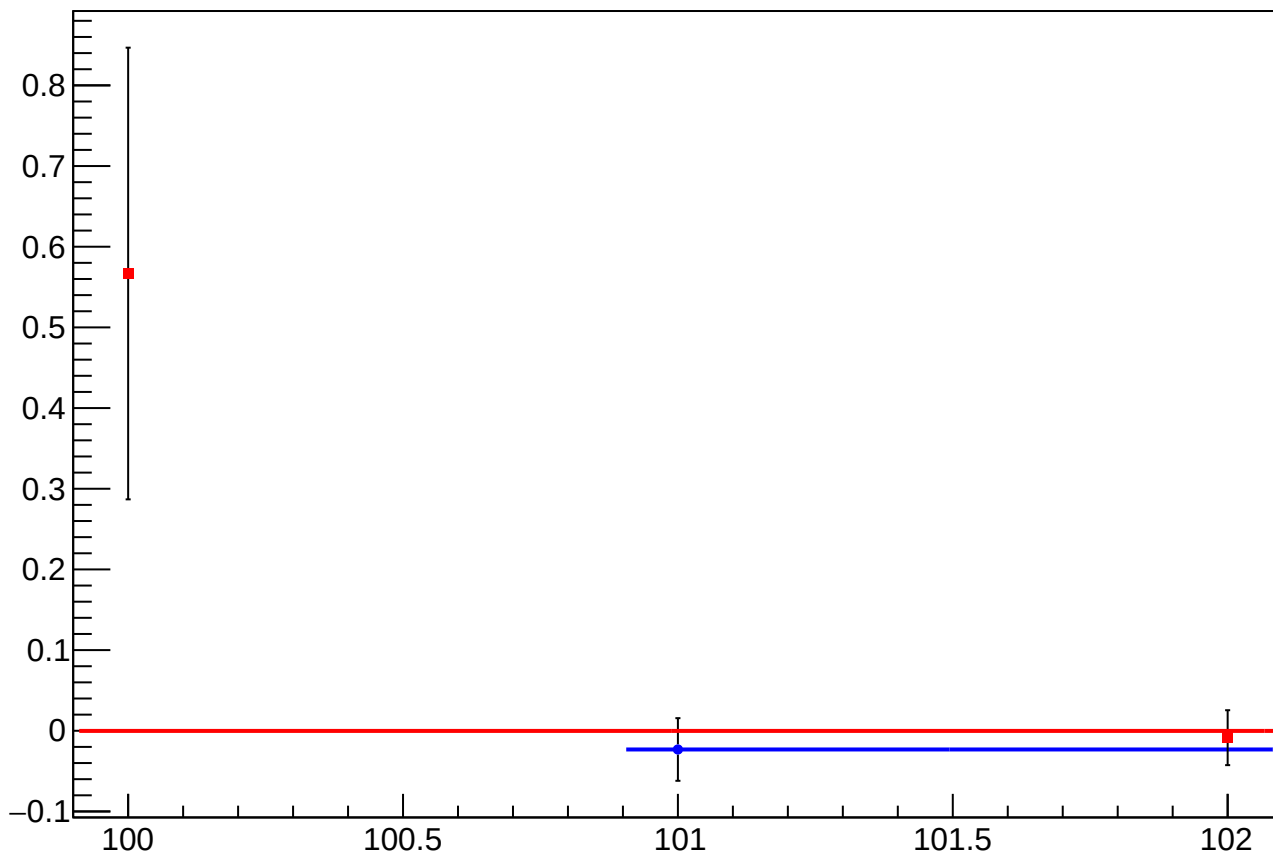
Right: 0.003+/-0.000 χ^2/NDF : 17604.7/2

In: 0.002+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 17604.7/2

asym_sam8_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.023 ± 0.039 χ^2/NDF : 0.0/0

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.034 χ^2/NDF : 4.2/1

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

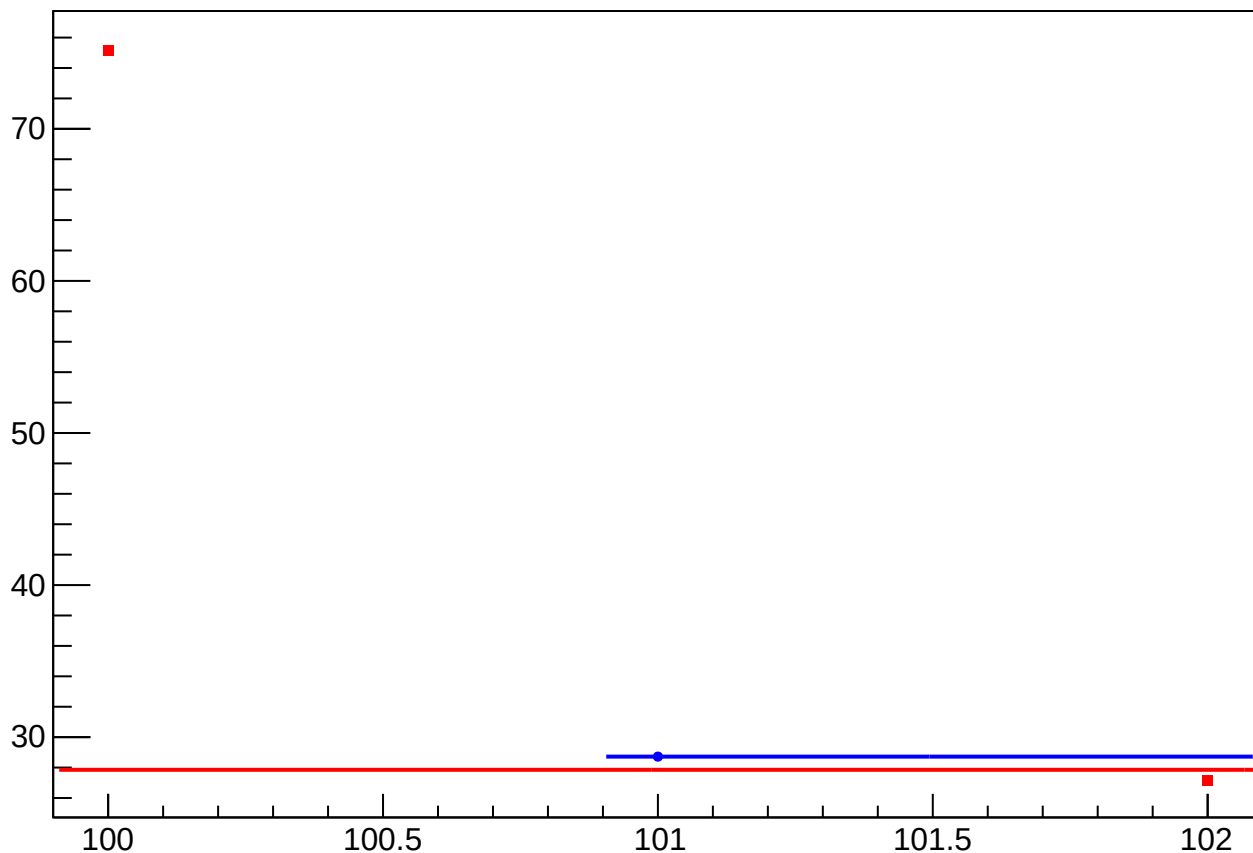
Right: -0.010 ± 0.025 χ^2/NDF : 4.4/2

In: -0.023 ± 0.039 χ^2/NDF : 0.0/0

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.010 ± 0.025 χ^2/NDF : 4.4/2

asym_sam8_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.720+/-0.027 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.853+/-0.024 χ^2/NDF : 57906.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

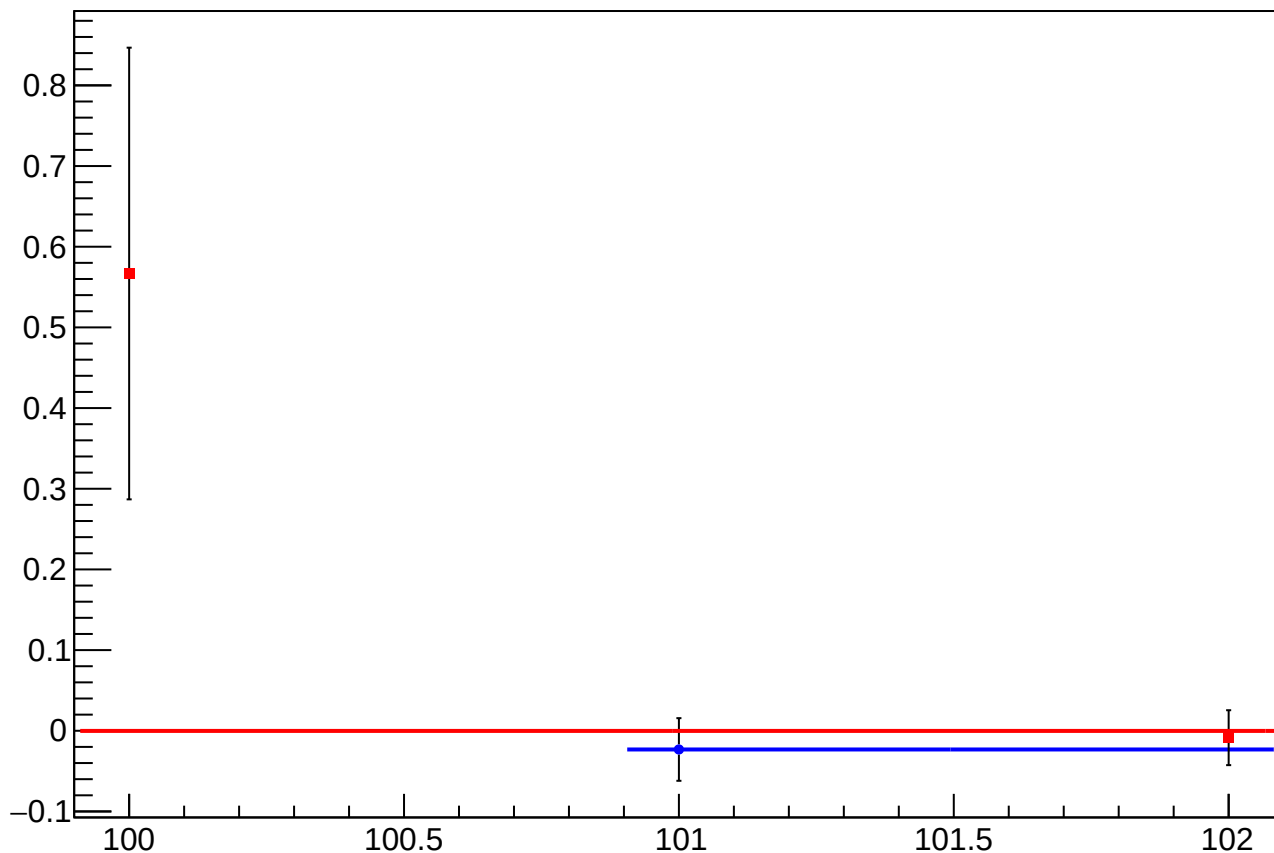
Right: 28.227+/-0.018 χ^2/NDF : 58474.3/2

In: 28.720+/-0.027 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.227+/-0.018 χ^2/NDF : 58474.3/2

asym_sam8_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.023+/-0.039 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.034 χ^2/NDF : 4.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

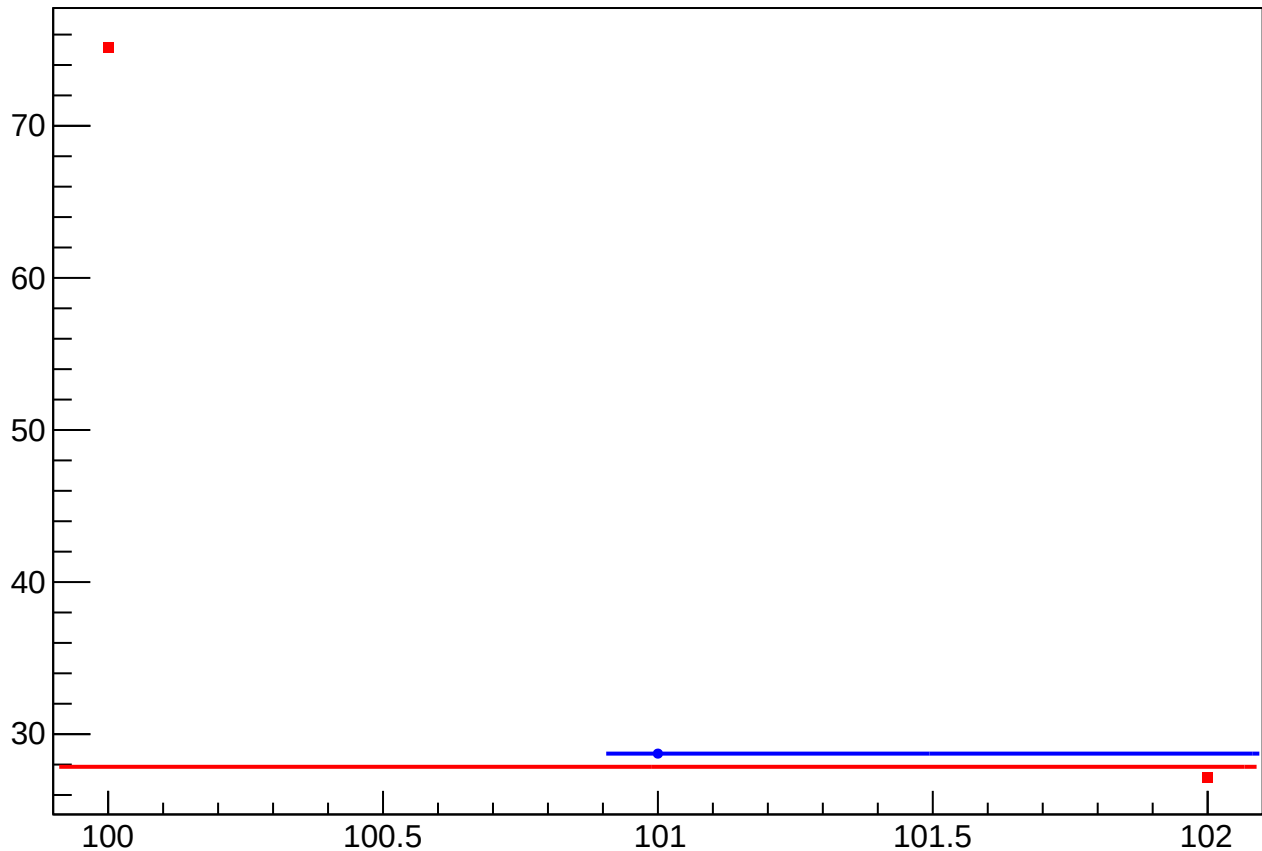
Right: -0.010+/-0.025 χ^2/NDF : 4.4/2

In: -0.023+/-0.039 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.025 χ^2/NDF : 4.4/2

asym_sam8_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.720 $\pm$ 0.027 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.853 $\pm$ 0.024 χ^2 /NDF: 57906.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

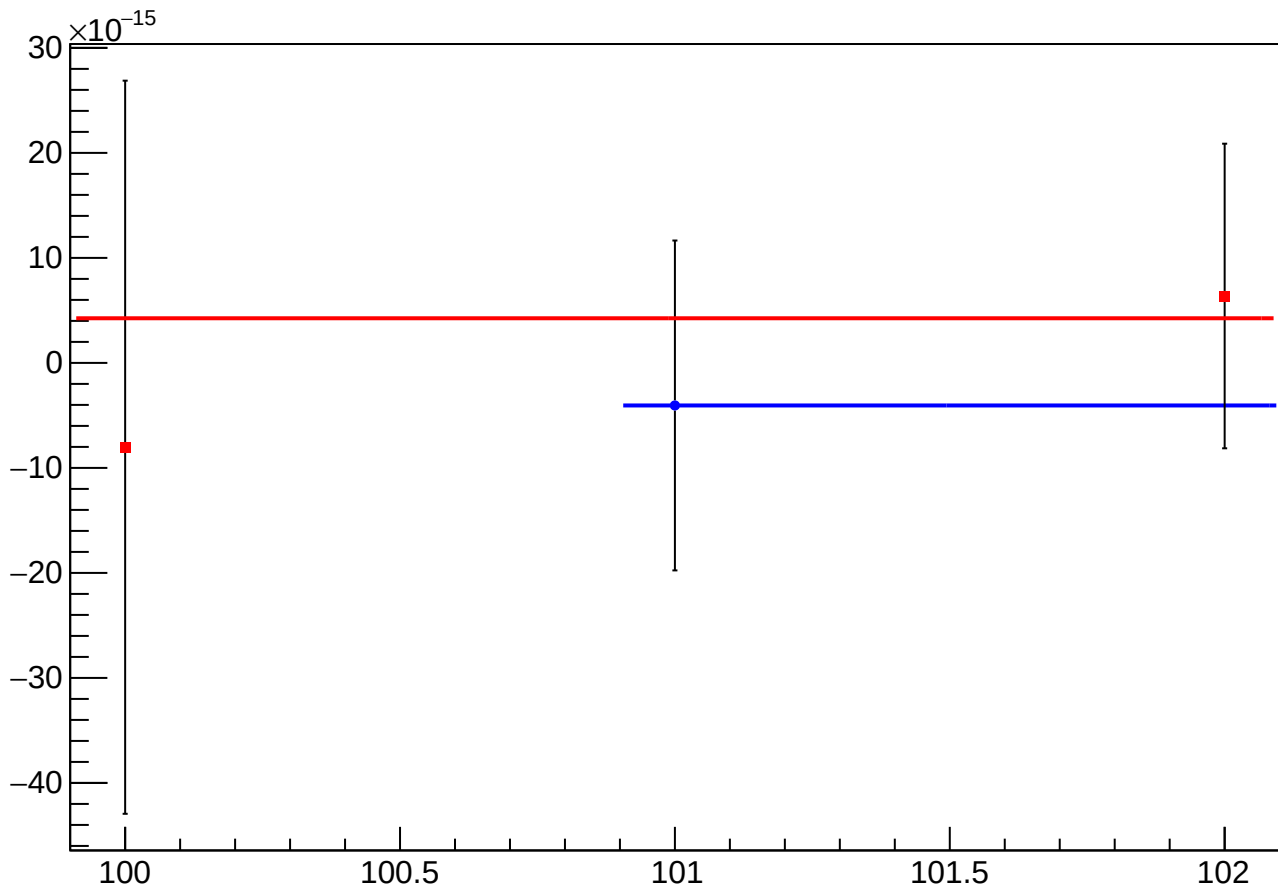
Right: 28.227 $\pm$ 0.018 χ^2 /NDF: 58474.3/2

In: 28.720 $\pm$ 0.027 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.227 $\pm$ 0.018 χ^2 /NDF: 58474.3/2

asym_sam8_eigen_cor_vs_cor_diff_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: 0.1/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

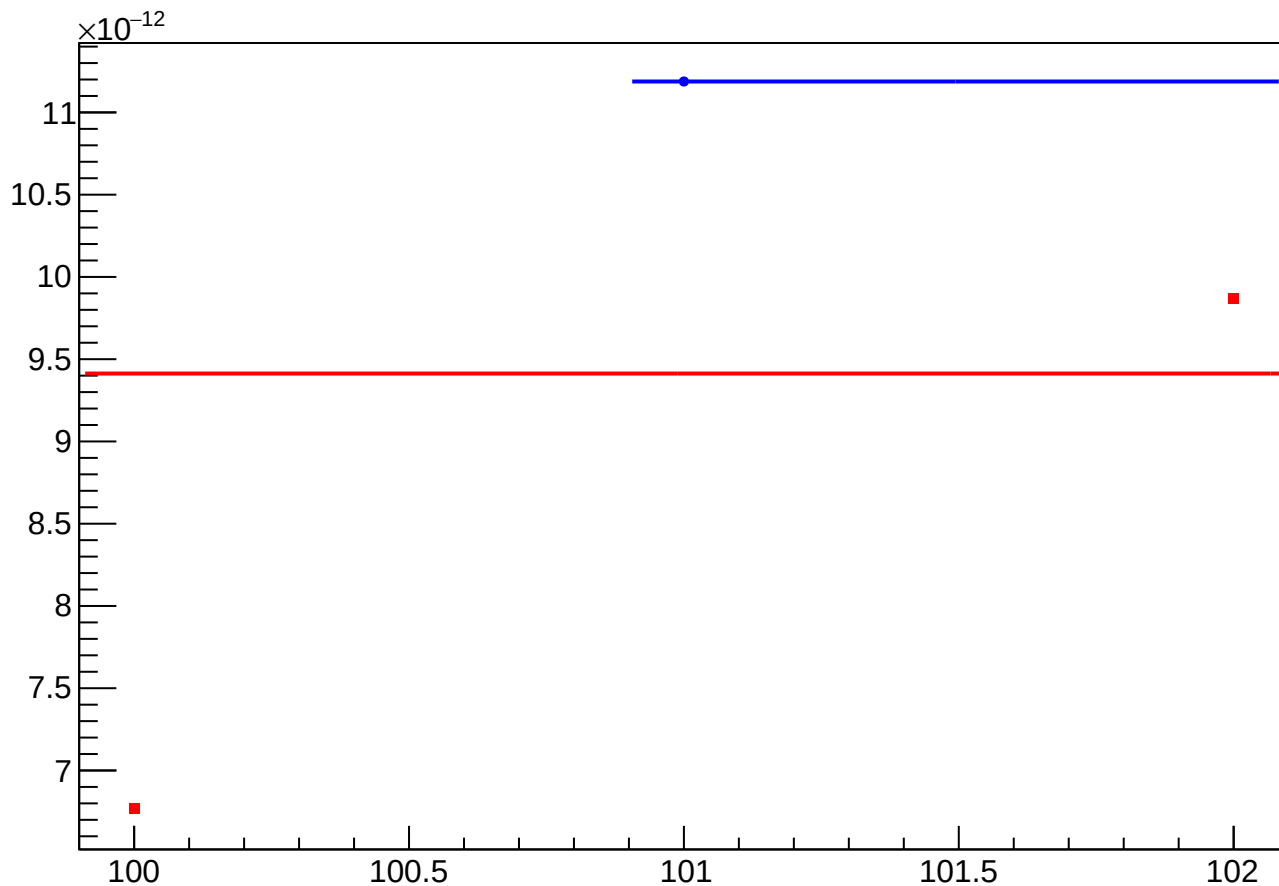
Right: 0.000+/-0.000 χ^2 /NDF: 0.3/2

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: 0.3/2

asym_sam8_eigen_cor_vs_cor_diff_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 : 13468.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

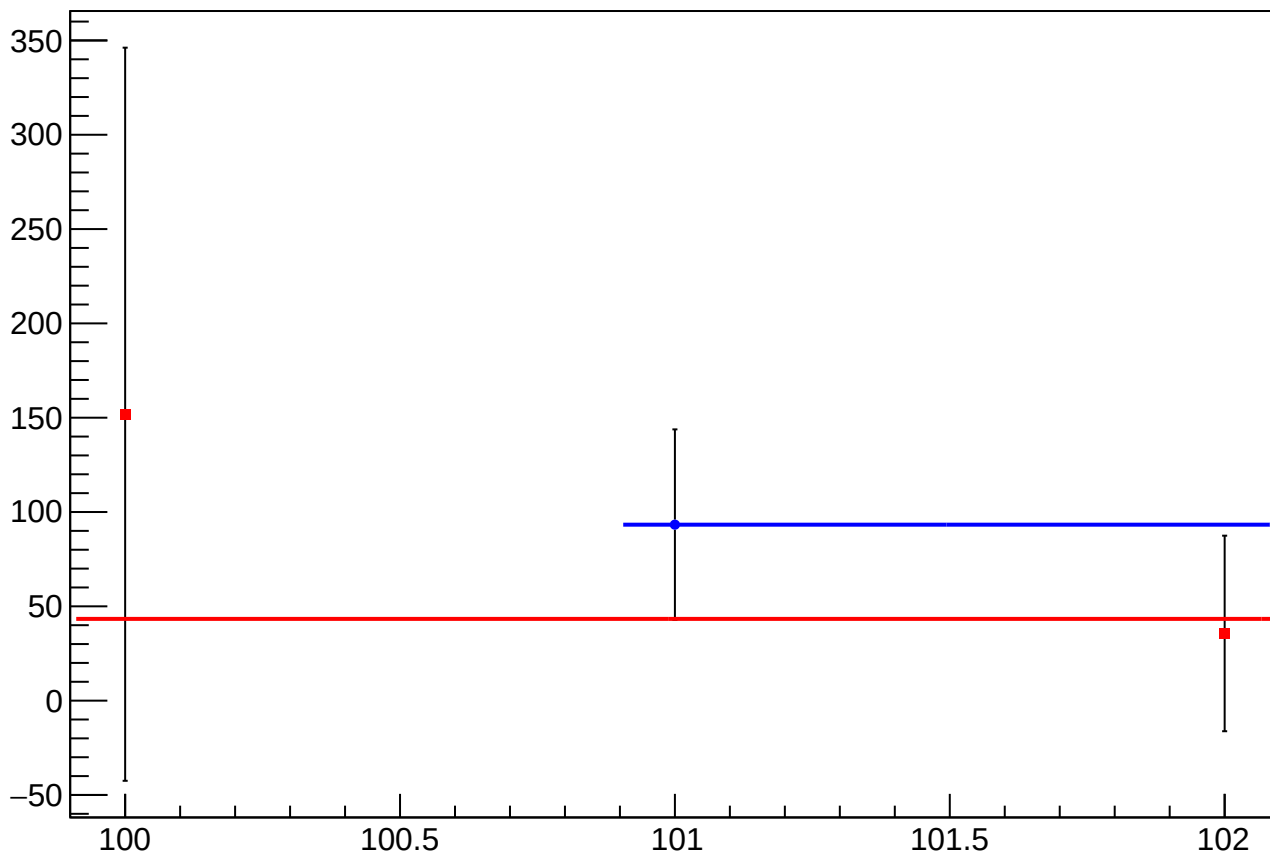
Right: 0.000+/-0.000 χ^2/NDF : 28256.4/2

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 : 28256.4/2

reg_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 93.287+/-50.519 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.342+/-50.084 χ^2/NDF : 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

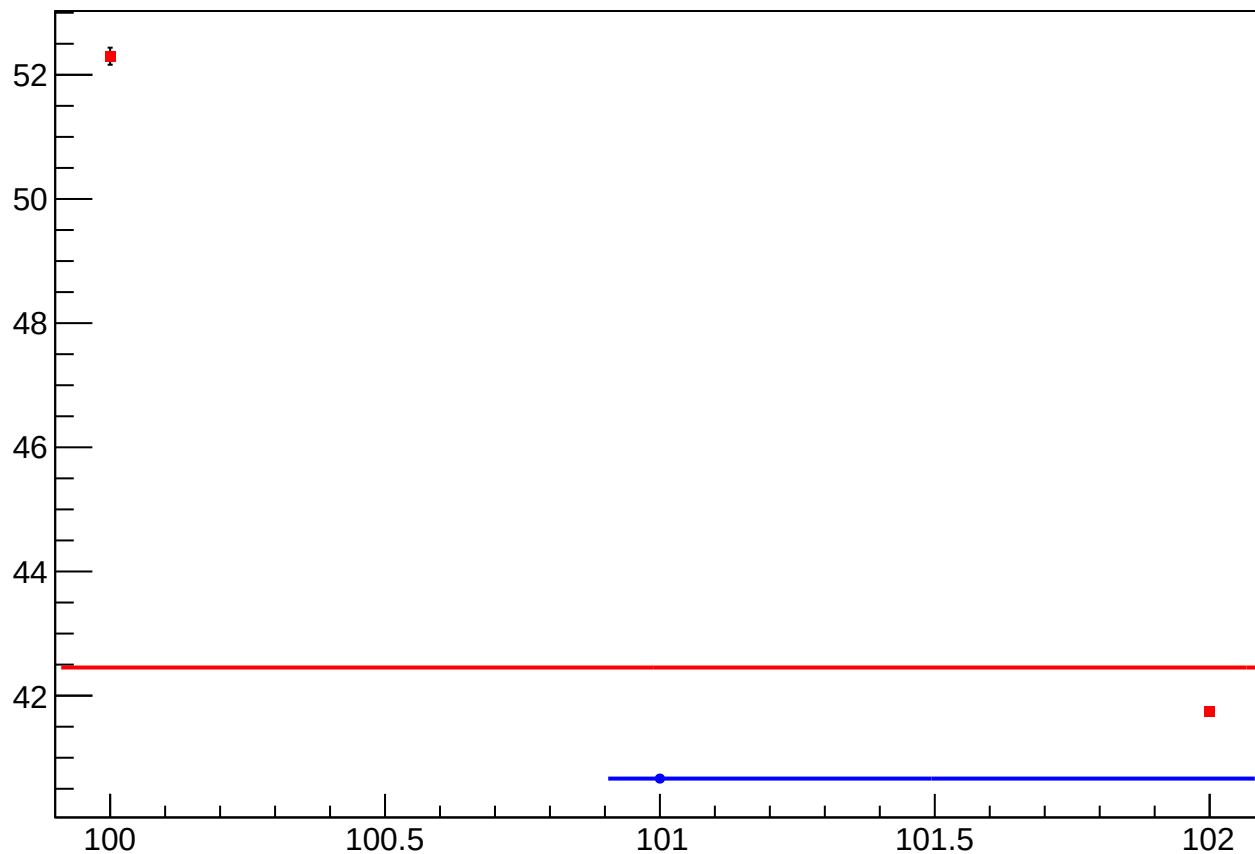
Right: 68.098+/-35.568 χ^2/NDF : 0.8/2

In: 93.287+/-50.519 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.098+/-35.568 χ^2/NDF : 0.8/2

reg_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 40.664 $\pm$ 0.036 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 42.453 $\pm$ 0.035 χ^2 /NDF: 5499.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

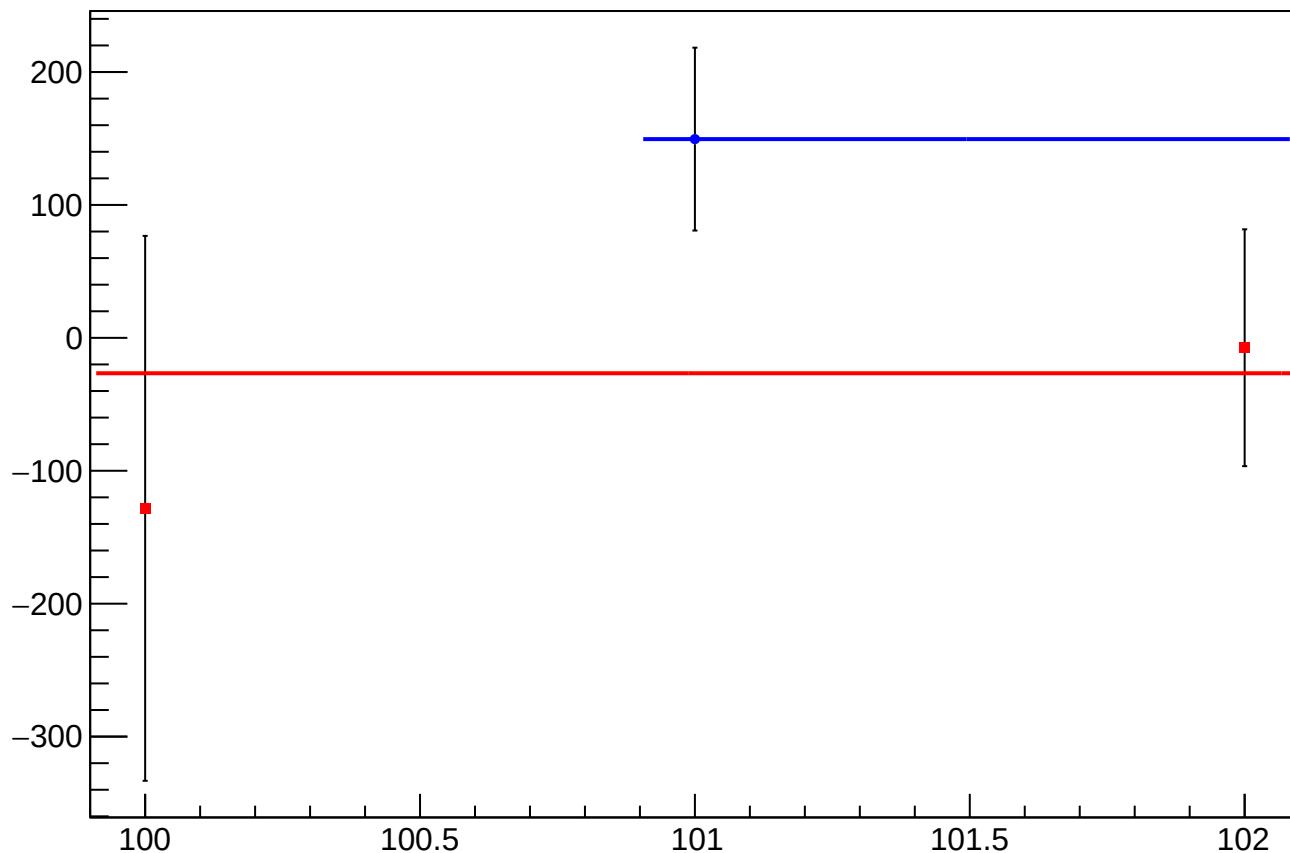
Right: 41.567 $\pm$ 0.025 χ^2 /NDF: 6764.7/2

In: 40.664 $\pm$ 0.036 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 41.567 $\pm$ 0.025 χ^2 /NDF: 6764.7/2

asym_sam_15_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 149.527+/-68.798 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -26.636+/-81.716 χ^2/NDF : 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

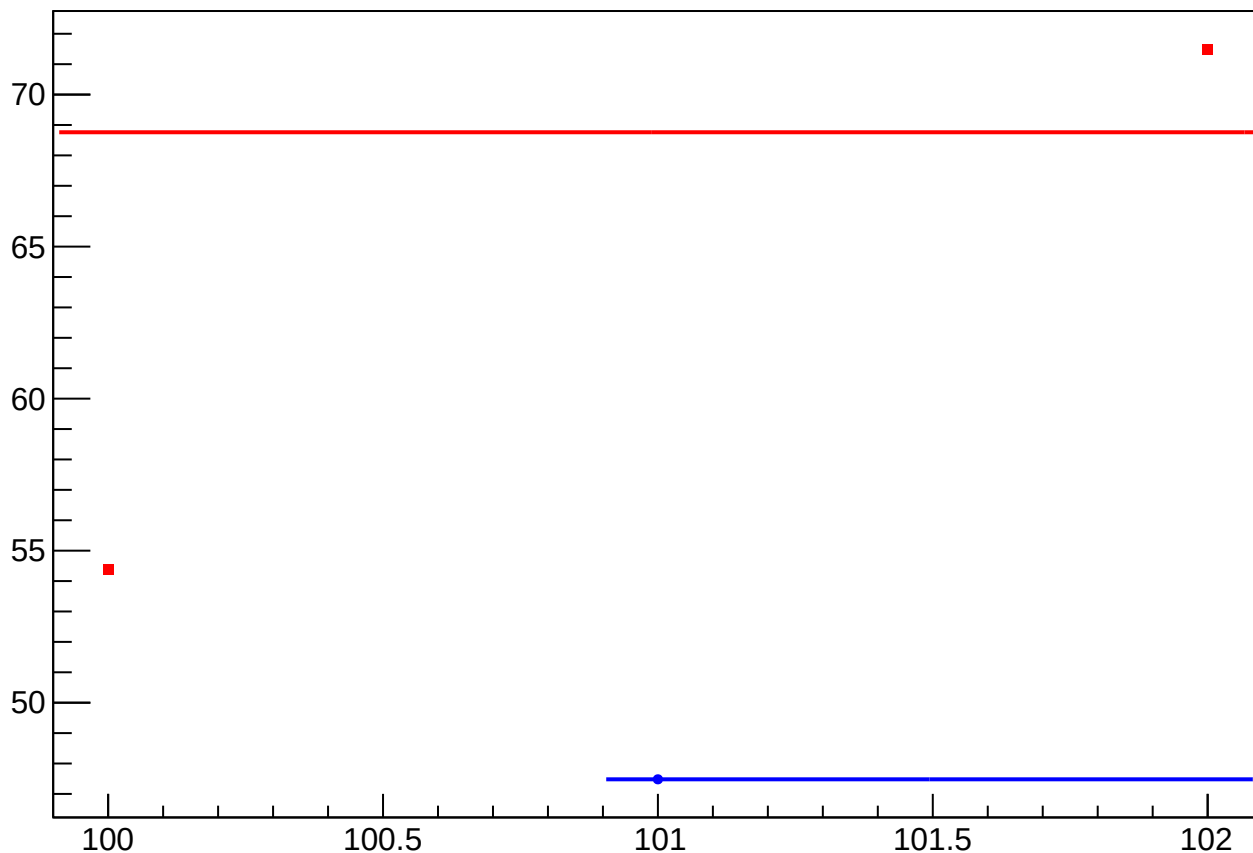
Right: 76.455+/-52.629 χ^2/NDF : 3.0/2

In: 149.527+/-68.798 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.455+/-52.629 χ^2/NDF : 3.0/2

asym_sam_15_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 47.480+/-0.049 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.761+/-0.058 χ^2/NDF : 11719.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

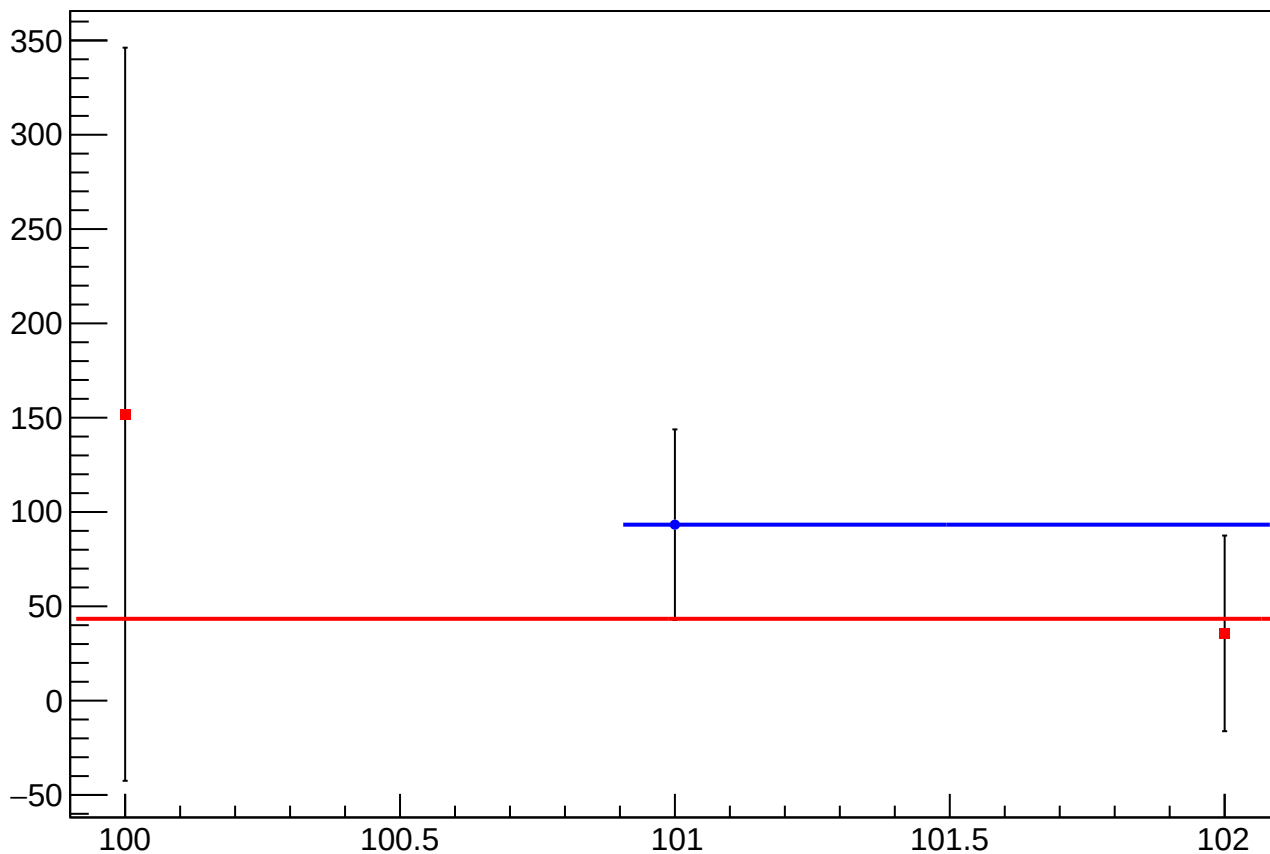
Right: 56.307+/-0.037 χ^2/NDF : 91097.2/2

In: 47.480+/-0.049 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.307+/-0.037 χ^2/NDF : 91097.2/2

cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 93.283+/-50.519 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.383+/-50.103 χ^2/NDF : 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

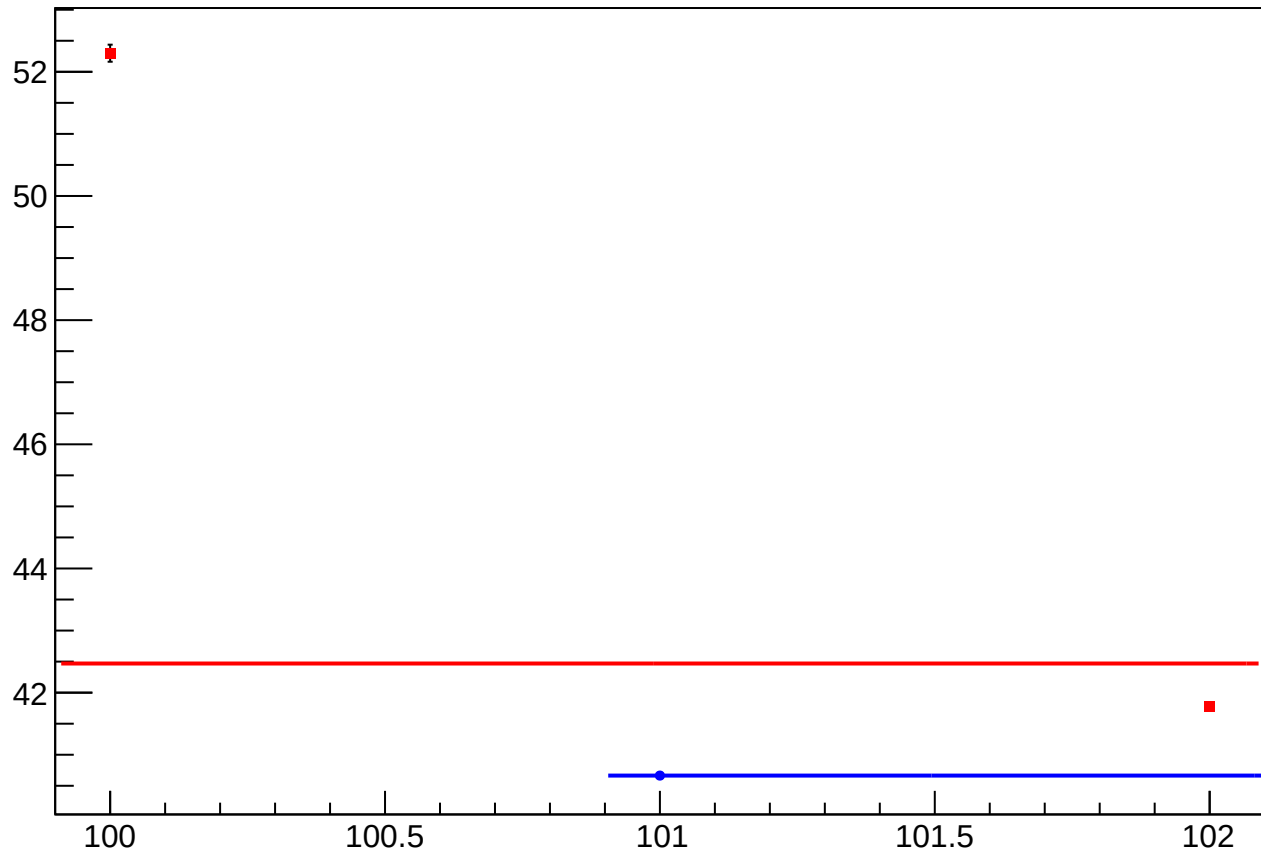
Right: 68.126+/-35.574 χ^2/NDF : 0.8/2

In: 93.283+/-50.519 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.126+/-35.574 χ^2/NDF : 0.8/2

cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 40.664 $\pm$ 0.036 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 42.469 $\pm$ 0.035 χ^2 /NDF: 5482.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

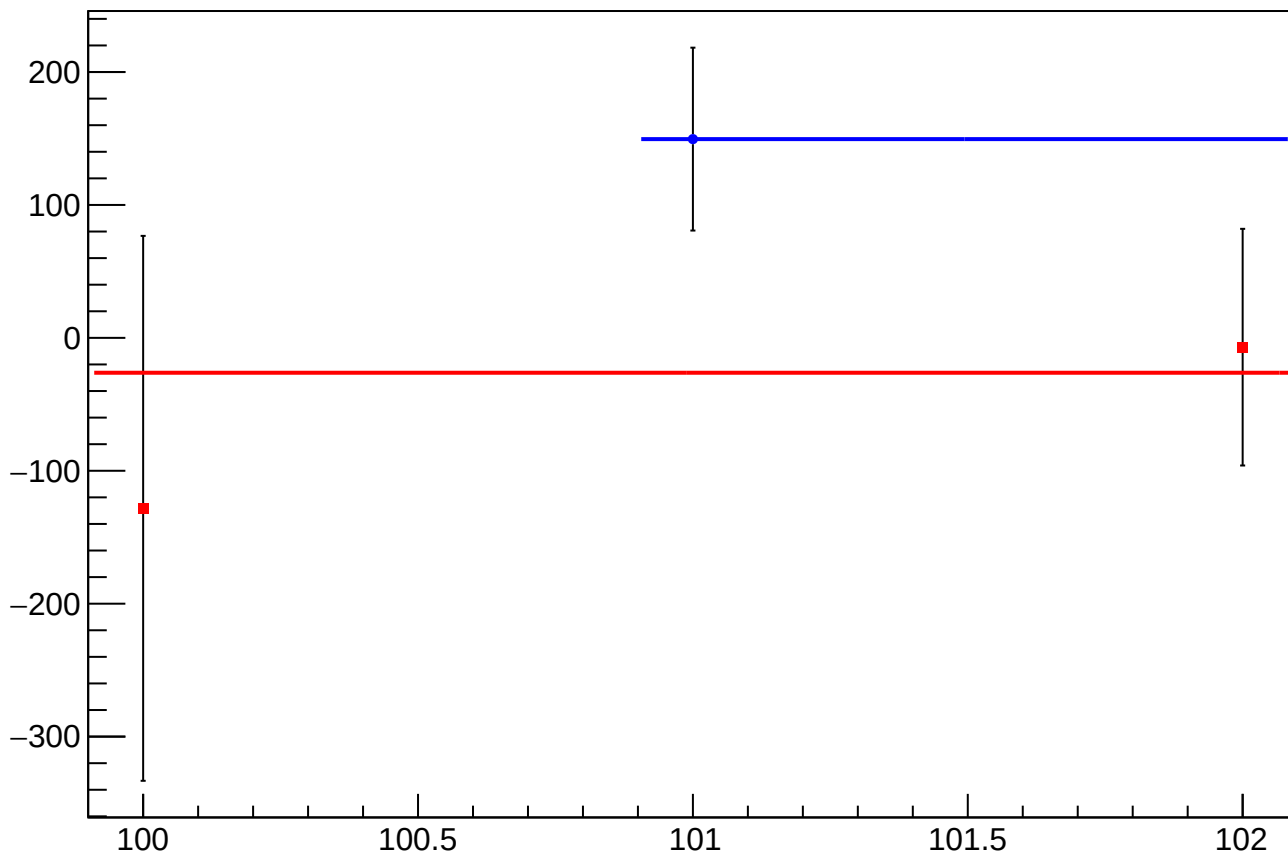
Right: 41.574 $\pm$ 0.025 χ^2 /NDF: 6769.4/2

In: 40.664 $\pm$ 0.036 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 41.574 $\pm$ 0.025 χ^2 /NDF: 6769.4/2

asym_sam_15_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 149.532 $\pm$ 68.798 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -26.244 $\pm$ 81.659 χ^2 /NDF: 0.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

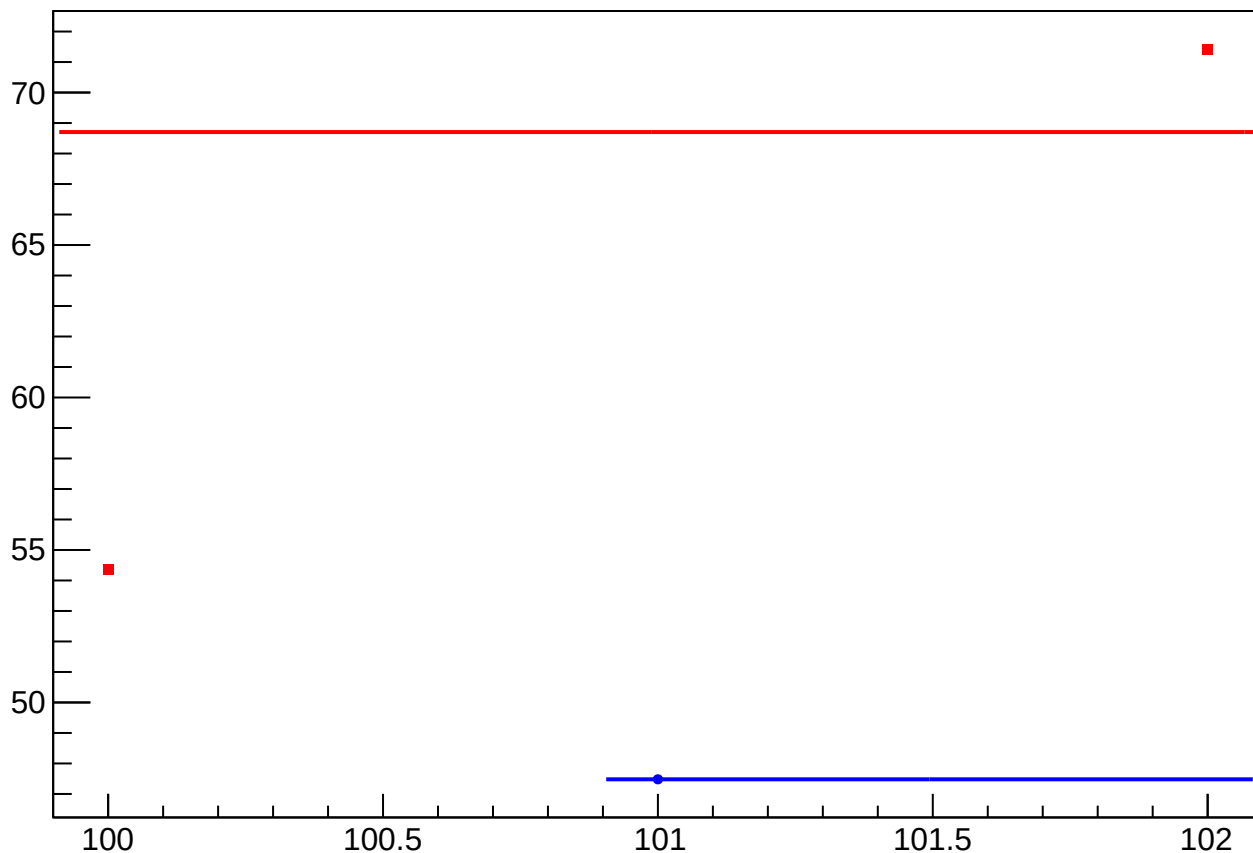
Right: 76.561 $\pm$ 52.614 χ^2 /NDF: 3.0/2

In: 149.532 $\pm$ 68.798 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 76.561 $\pm$ 52.614 χ^2 /NDF: 3.0/2

asym_sam_15_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 47.480+/-0.049 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.704+/-0.058 χ^2/NDF : 11625.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

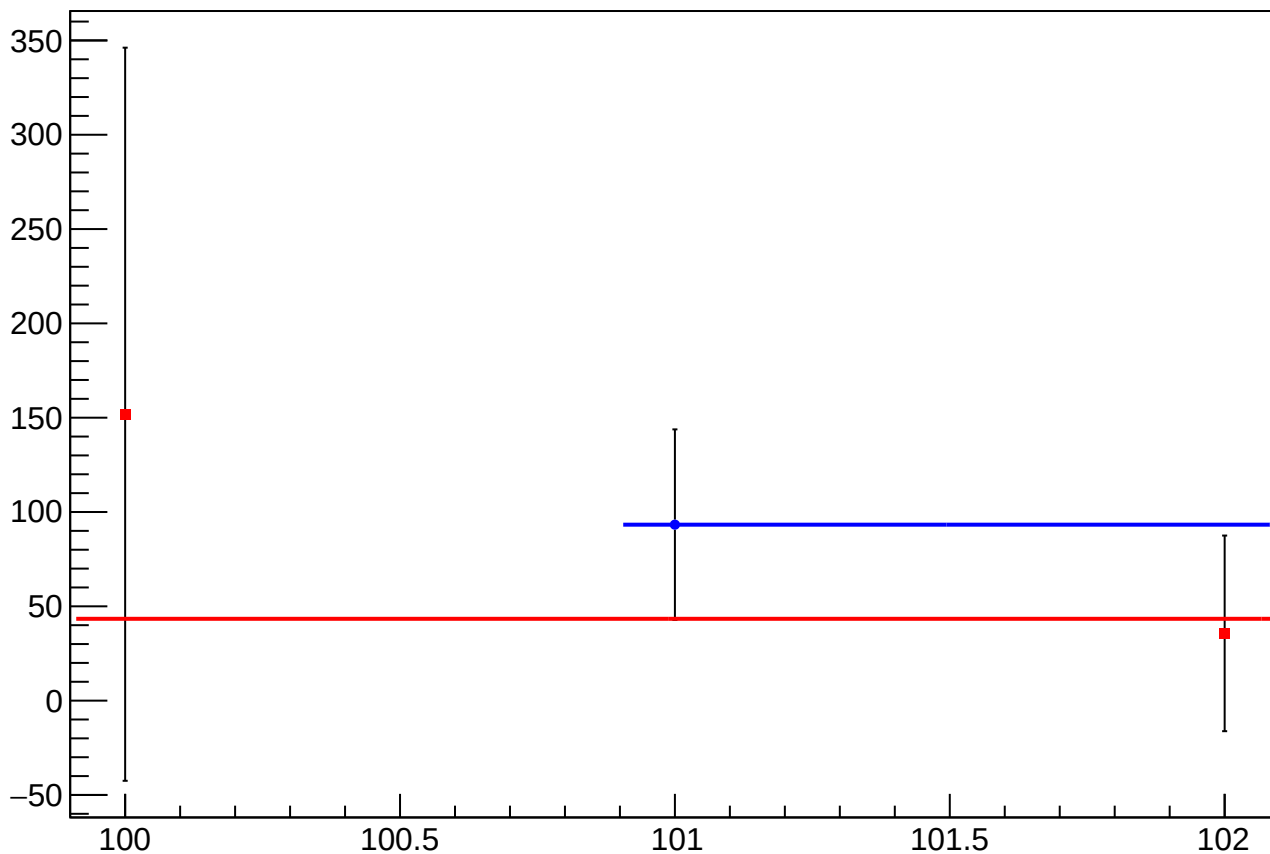
Right: 56.291+/-0.037 χ^2/NDF : 90643.7/2

In: 47.480+/-0.049 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.291+/-0.037 χ^2/NDF : 90643.7/2

eigen_cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 93.283+/-50.519 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.383+/-50.103 χ^2/NDF : 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

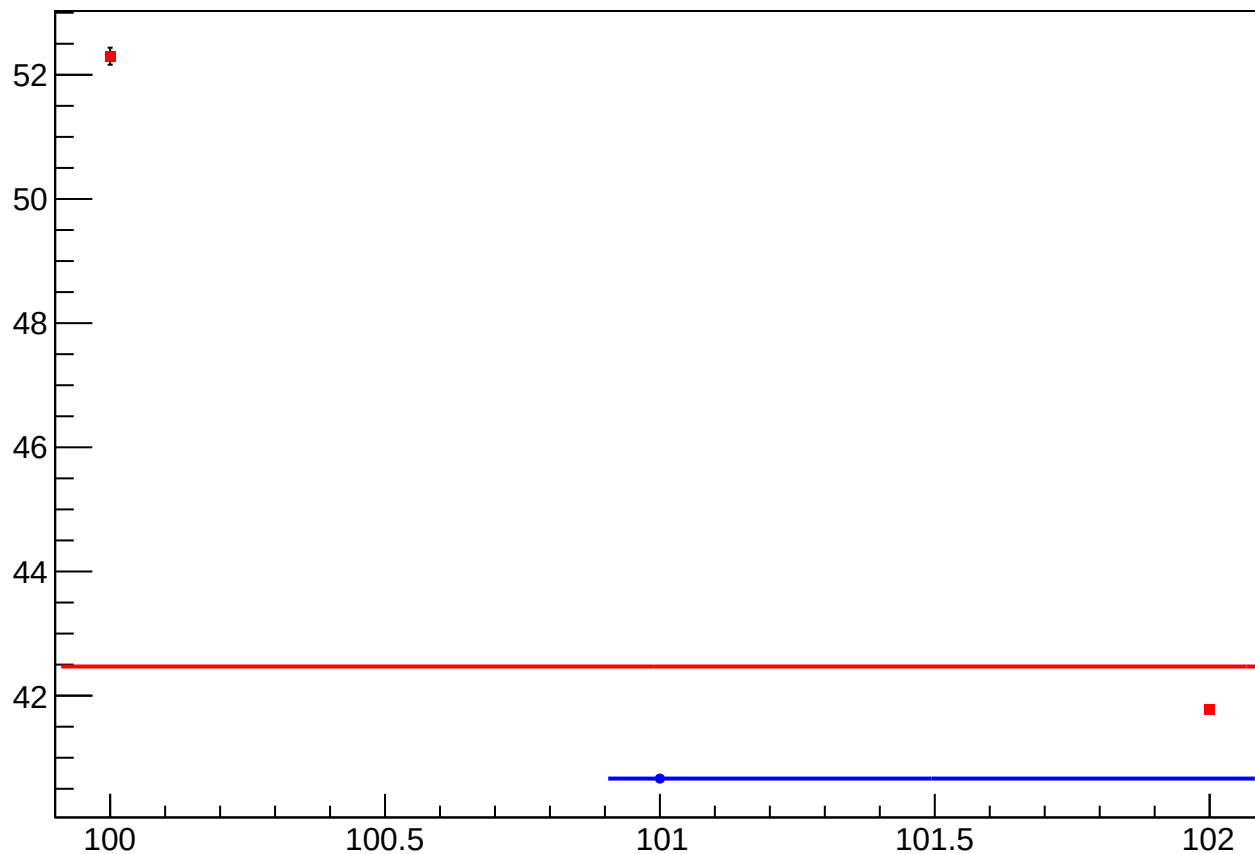
Right: 68.126+/-35.574 χ^2/NDF : 0.8/2

In: 93.283+/-50.519 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.126+/-35.574 χ^2/NDF : 0.8/2

eigen_cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 40.664 $\pm$ 0.036 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 42.469 $\pm$ 0.035 χ^2 /NDF: 5482.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

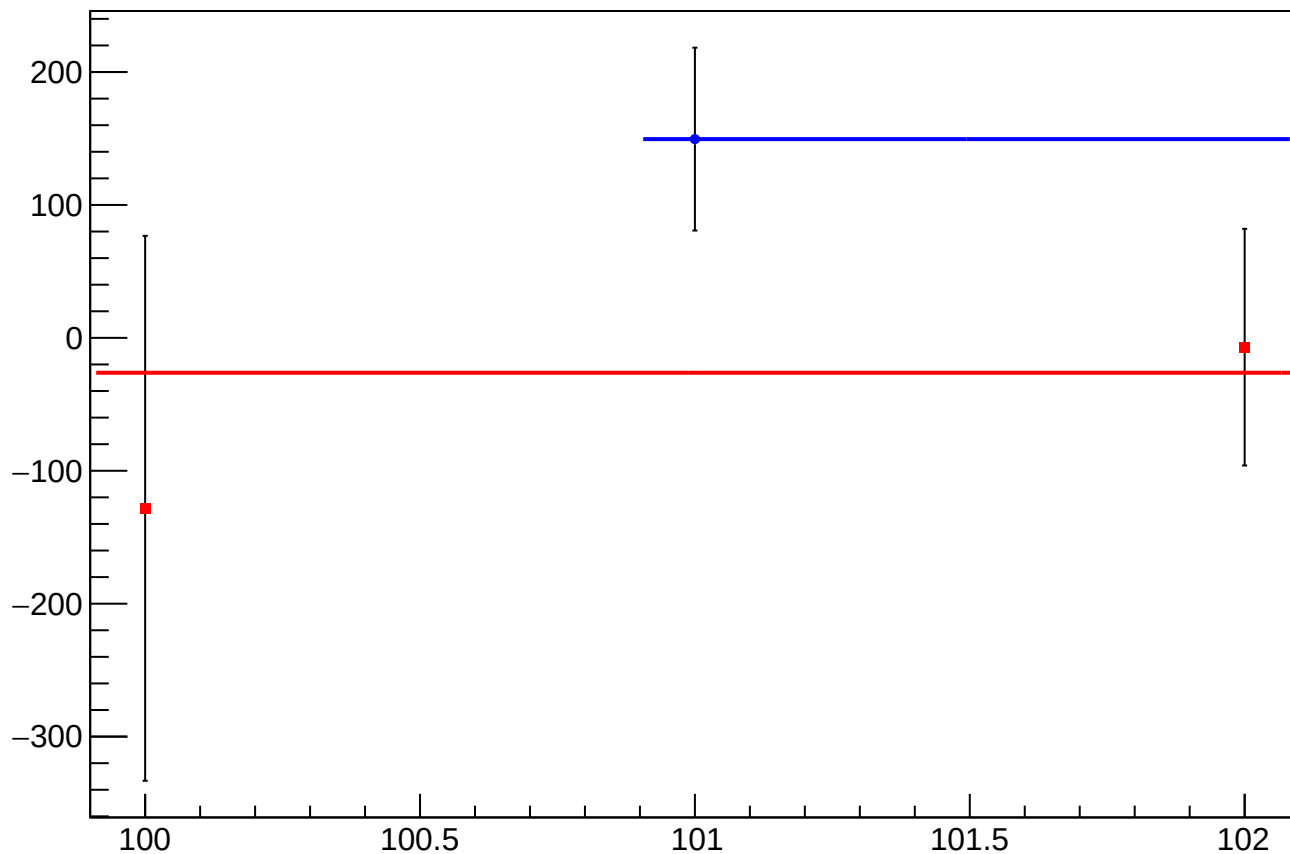
Right: 41.574 $\pm$ 0.025 χ^2 /NDF: 6769.4/2

In: 40.664 $\pm$ 0.036 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 41.574 $\pm$ 0.025 χ^2 /NDF: 6769.4/2

asym_sam_15_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 149.532 $\pm$ 68.798 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -26.244 $\pm$ 81.659 χ^2 /NDF: 0.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

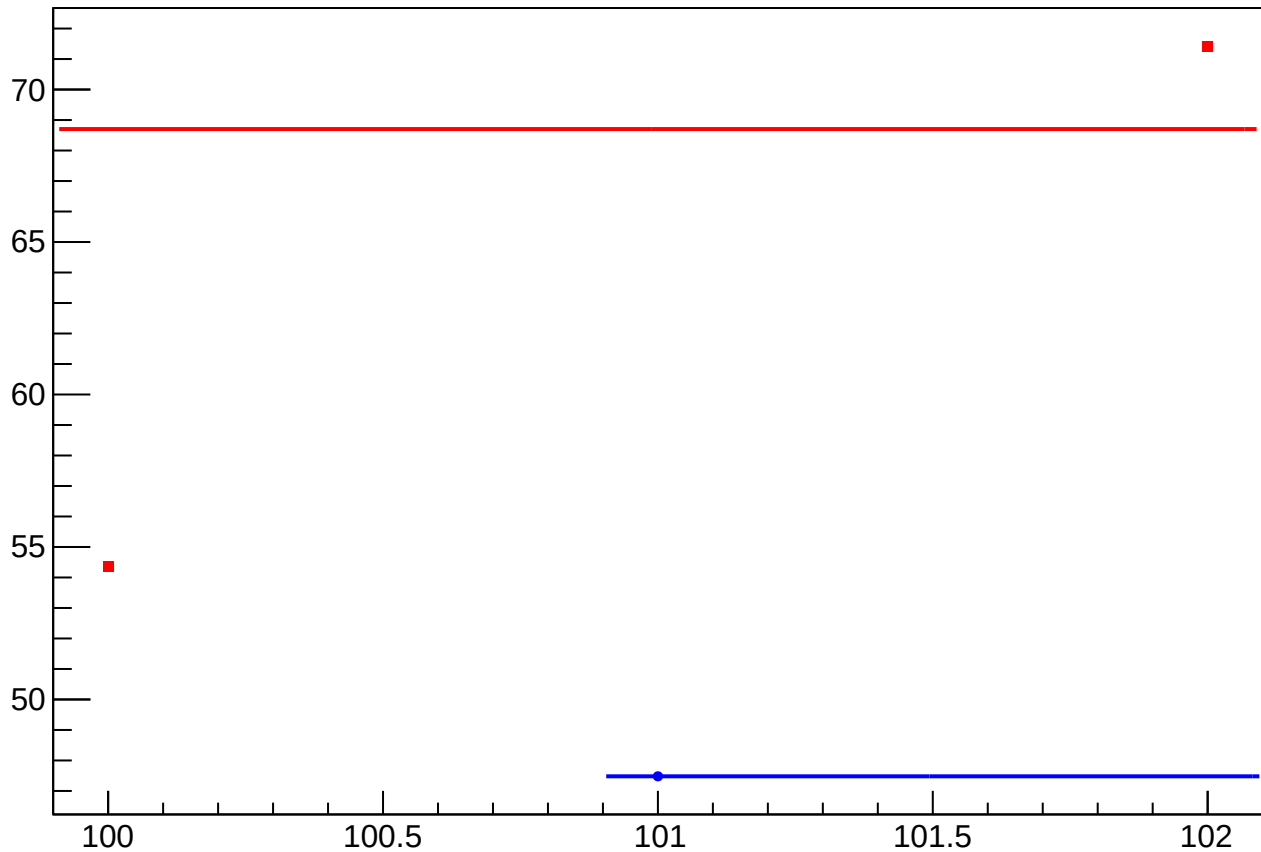
Right: 76.561 $\pm$ 52.614 χ^2 /NDF: 3.0/2

In: 149.532 $\pm$ 68.798 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 76.561 $\pm$ 52.614 χ^2 /NDF: 3.0/2

asym_sam_15_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 47.480+/-0.049 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.704+/-0.058 χ^2/NDF : 11625.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

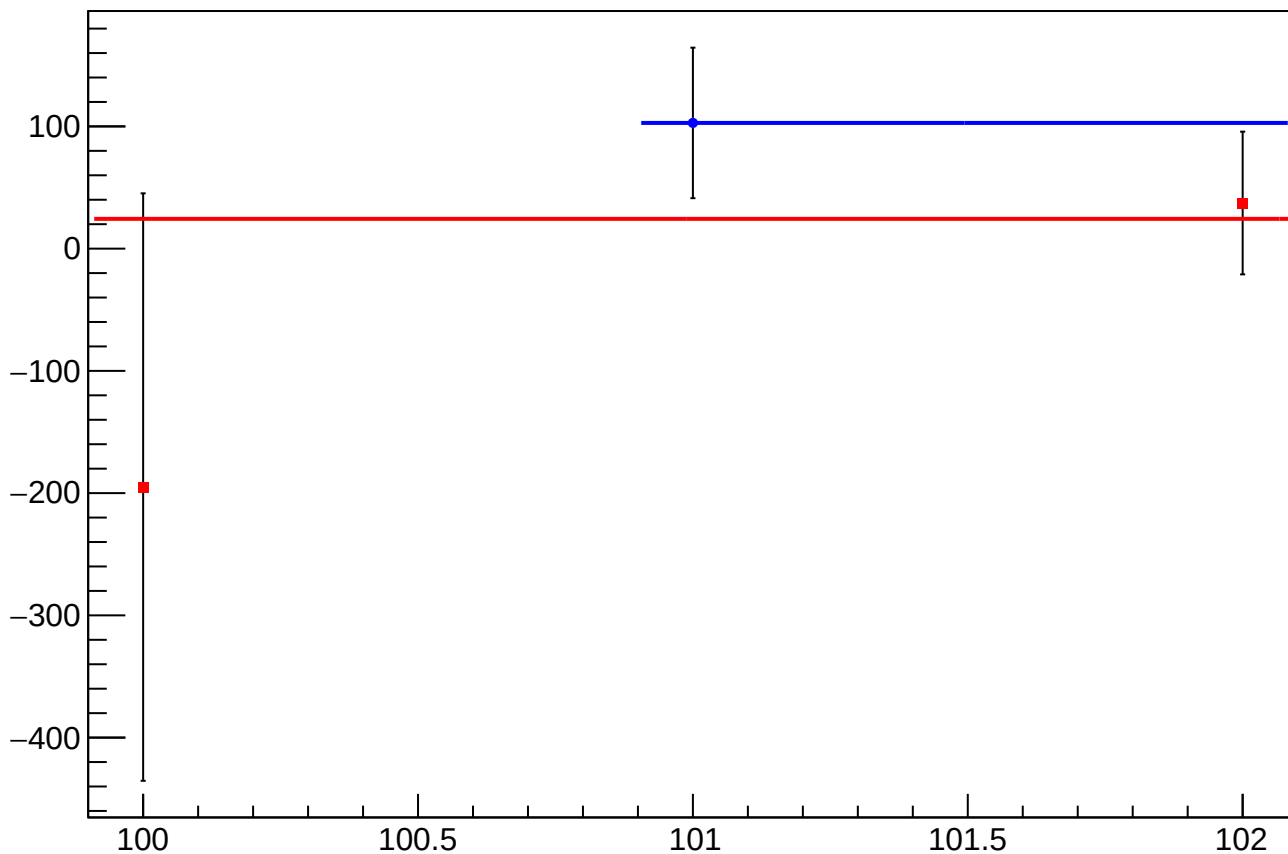
Right: 56.291+/-0.037 χ^2/NDF : 90643.7/2

In: 47.480+/-0.049 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.291+/-0.037 χ^2/NDF : 90643.7/2

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.846+/-61.561 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.371+/-56.733 χ^2/NDF : 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

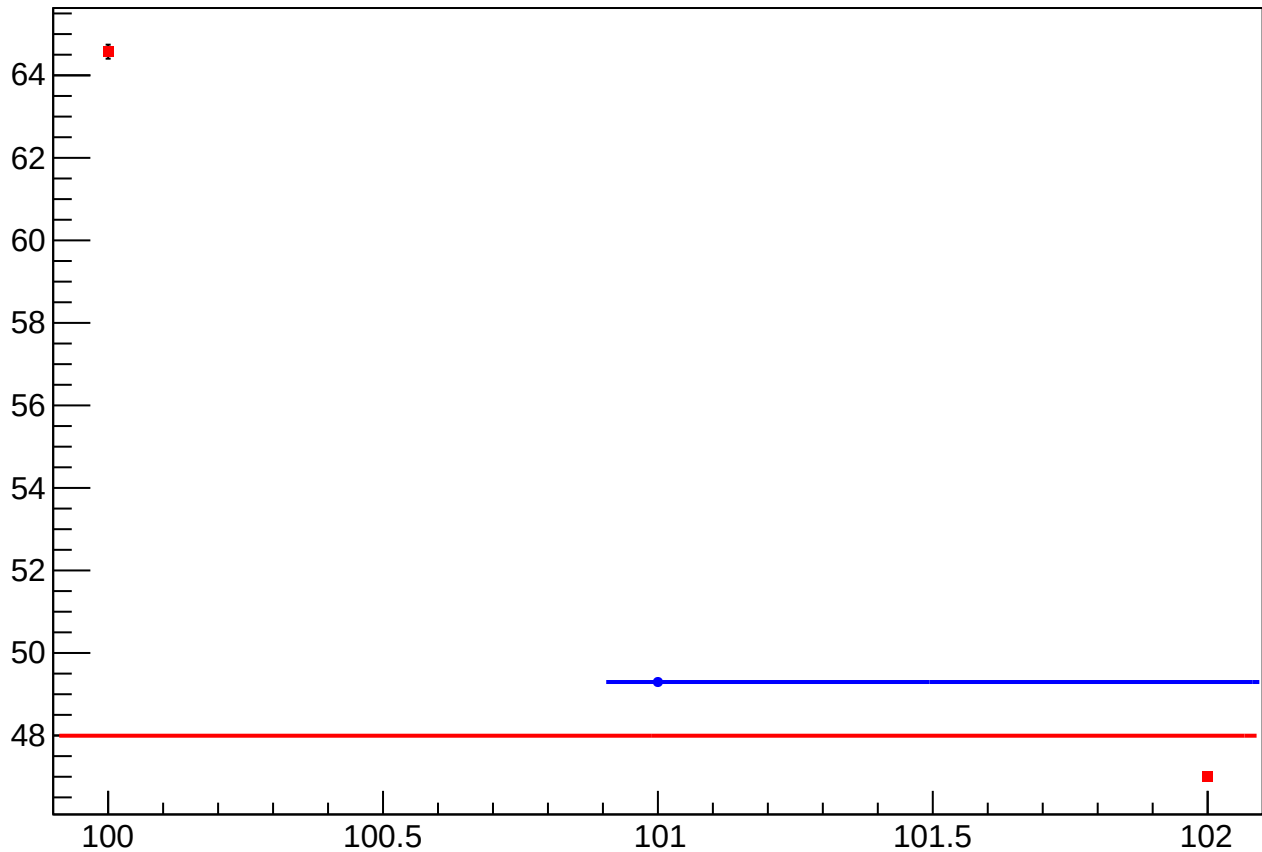
Right: 60.411+/-41.719 χ^2/NDF : 1.8/2

In: 102.846+/-61.561 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.411+/-41.719 χ^2/NDF : 1.8/2

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 49.296 ± 0.044 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 47.995 ± 0.040 $\chi^2/\text{NDF}: 10082.3/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

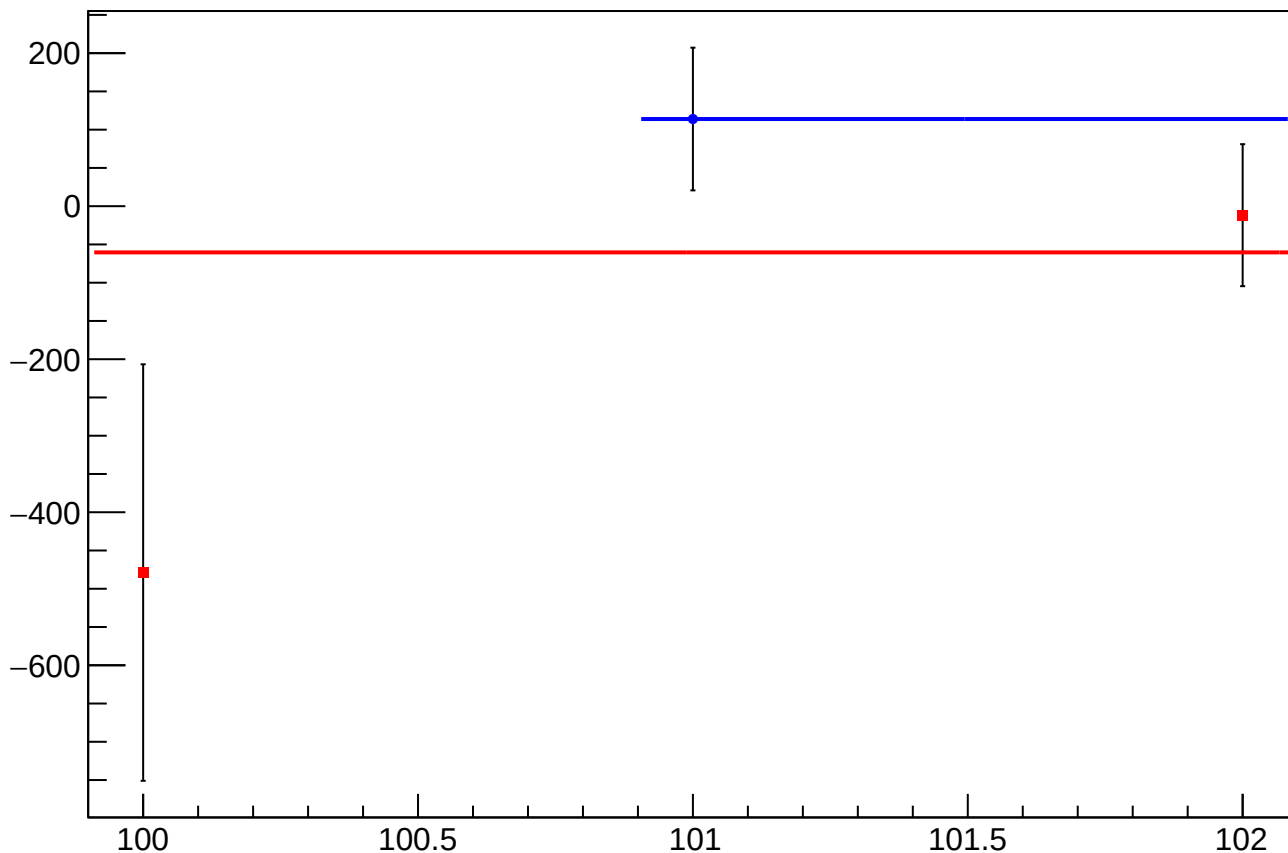
Right: 48.592 ± 0.029 $\chi^2/\text{NDF}: 10565.8/2$

In: 49.296 ± 0.044 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 48.592 ± 0.029 $\chi^2/\text{NDF}: 10565.8/2$

asym_sam_15_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 113.910 $\pm$ 93.255 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -60.397 $\pm$ 87.834 χ^2 /NDF: 2.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

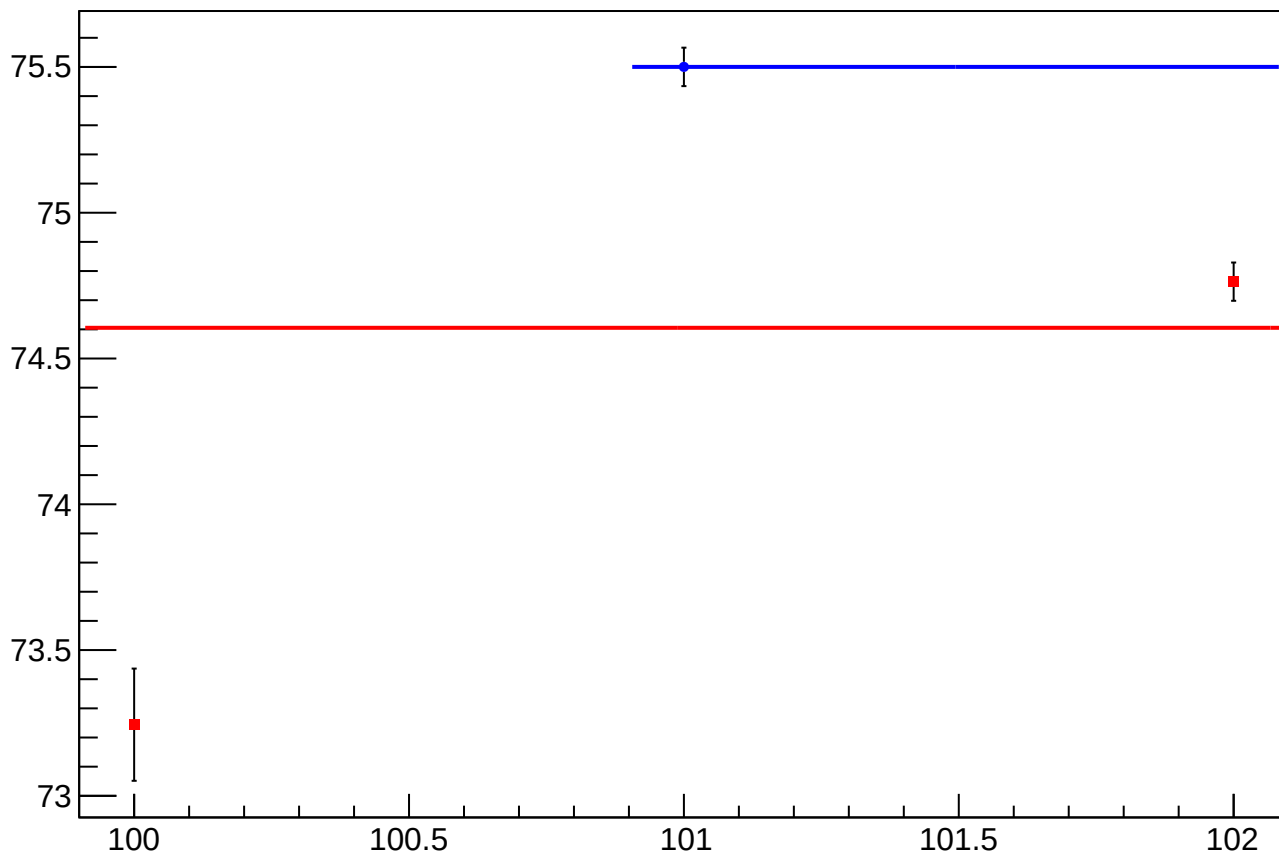
Right: 21.543 $\pm$ 63.939 χ^2 /NDF: 4.5/2

In: 113.910 $\pm$ 93.255 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 21.543 $\pm$ 63.939 χ^2 /NDF: 4.5/2

asym_sam_15_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 75.500 $\pm$ 0.066 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 74.605 $\pm$ 0.062 χ^2 /NDF: 55.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

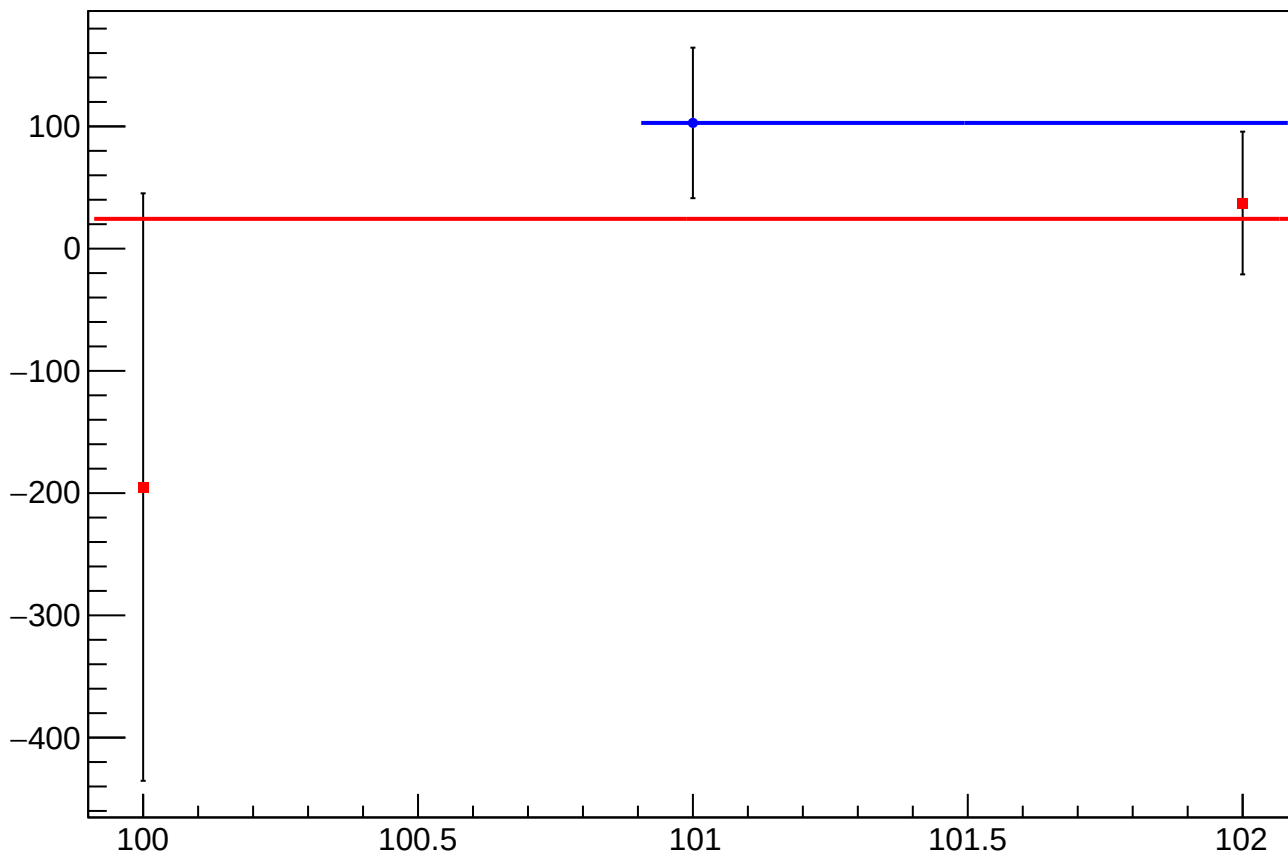
Right: 75.026 $\pm$ 0.045 χ^2 /NDF: 153.4/2

In: 75.500 $\pm$ 0.066 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 75.026 $\pm$ 0.045 χ^2 /NDF: 153.4/2

eigen_dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.846 $\pm$ 61.561 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 24.371 $\pm$ 56.733 χ^2 /NDF: 0.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

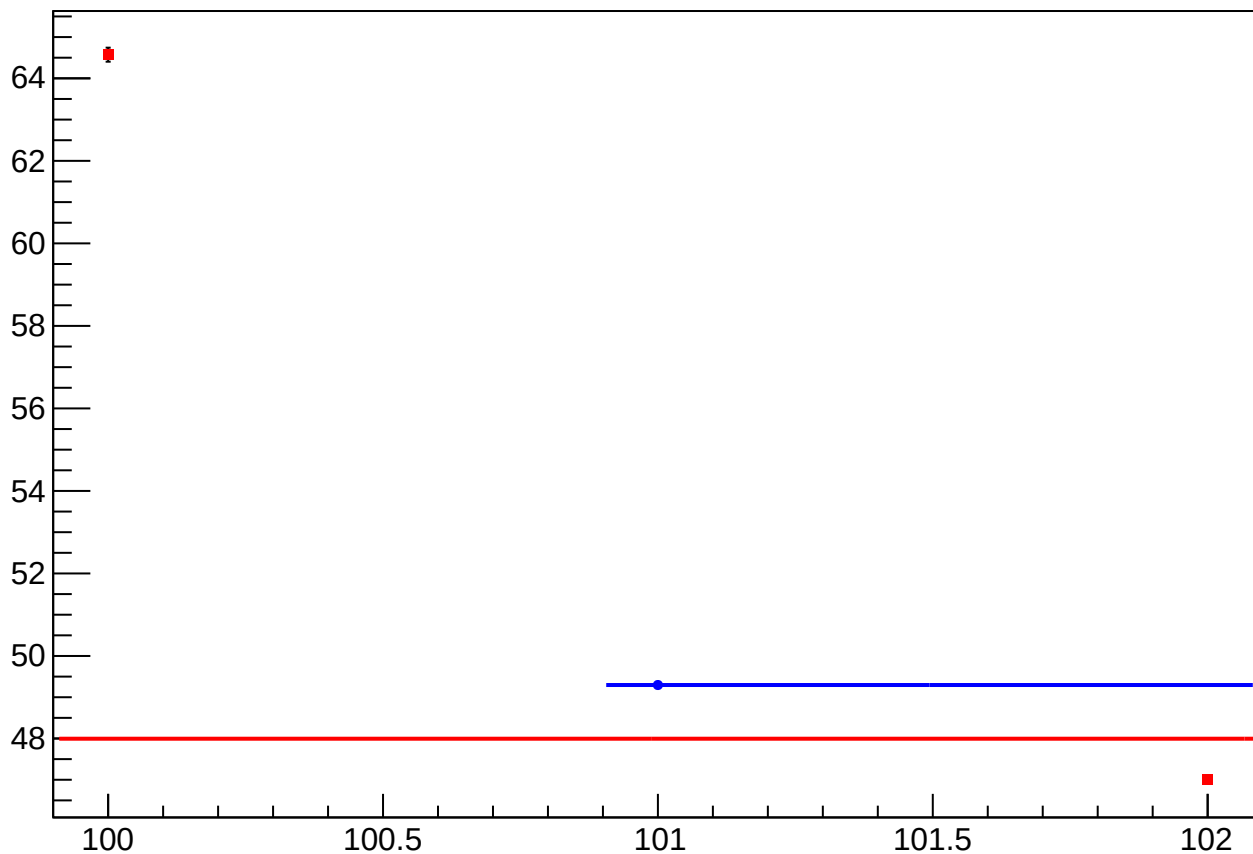
Right: 60.411 $\pm$ 41.719 χ^2 /NDF: 1.8/2

In: 102.846 $\pm$ 61.561 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 60.411 $\pm$ 41.719 χ^2 /NDF: 1.8/2

eigen_dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 49.296 $\pm$ 0.044 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 47.995 $\pm$ 0.040 χ^2 /NDF: 10082.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

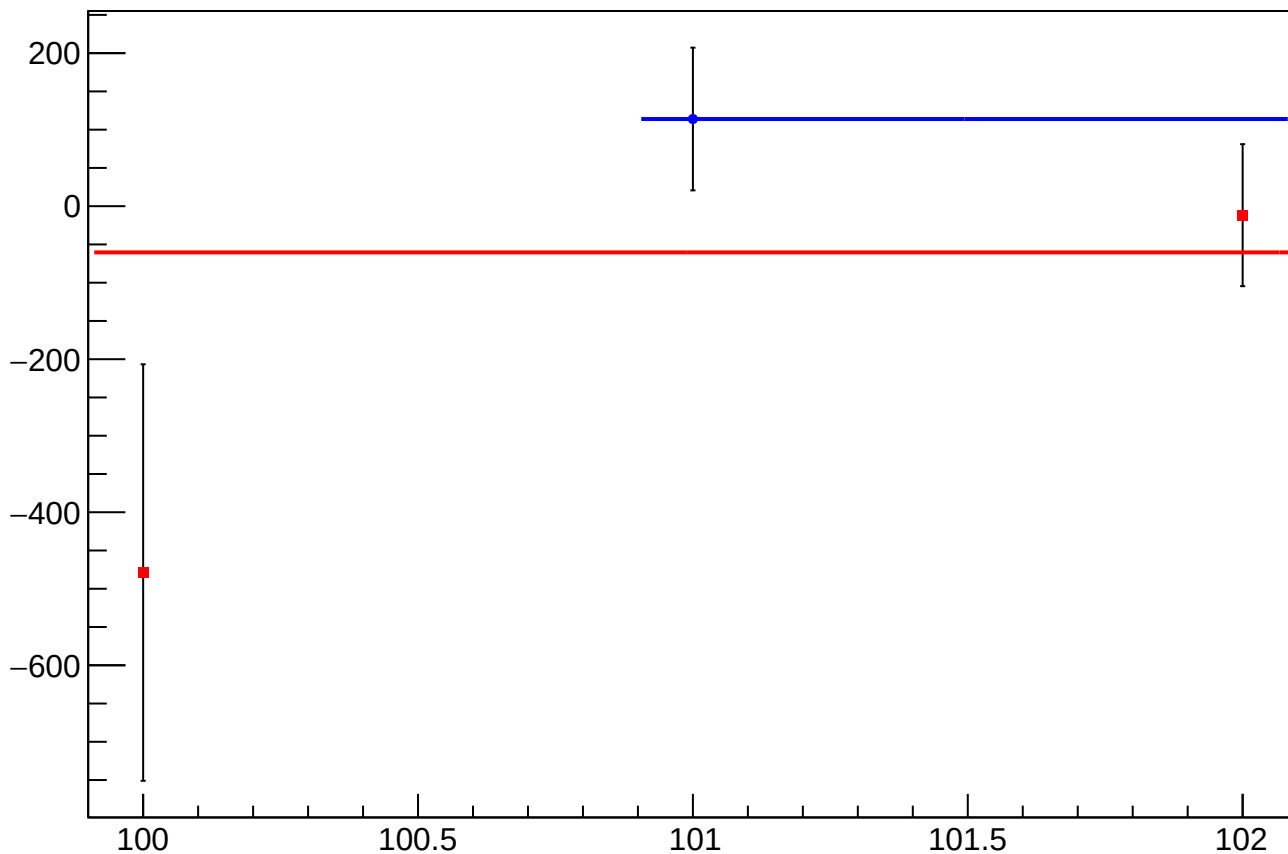
Right: 48.592 $\pm$ 0.029 χ^2 /NDF: 10565.8/2

In: 49.296 $\pm$ 0.044 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 48.592 $\pm$ 0.029 χ^2 /NDF: 10565.8/2

asym_sam_15_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 113.910 $\pm$ 93.255 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -60.397 $\pm$ 87.834 χ^2 /NDF: 2.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

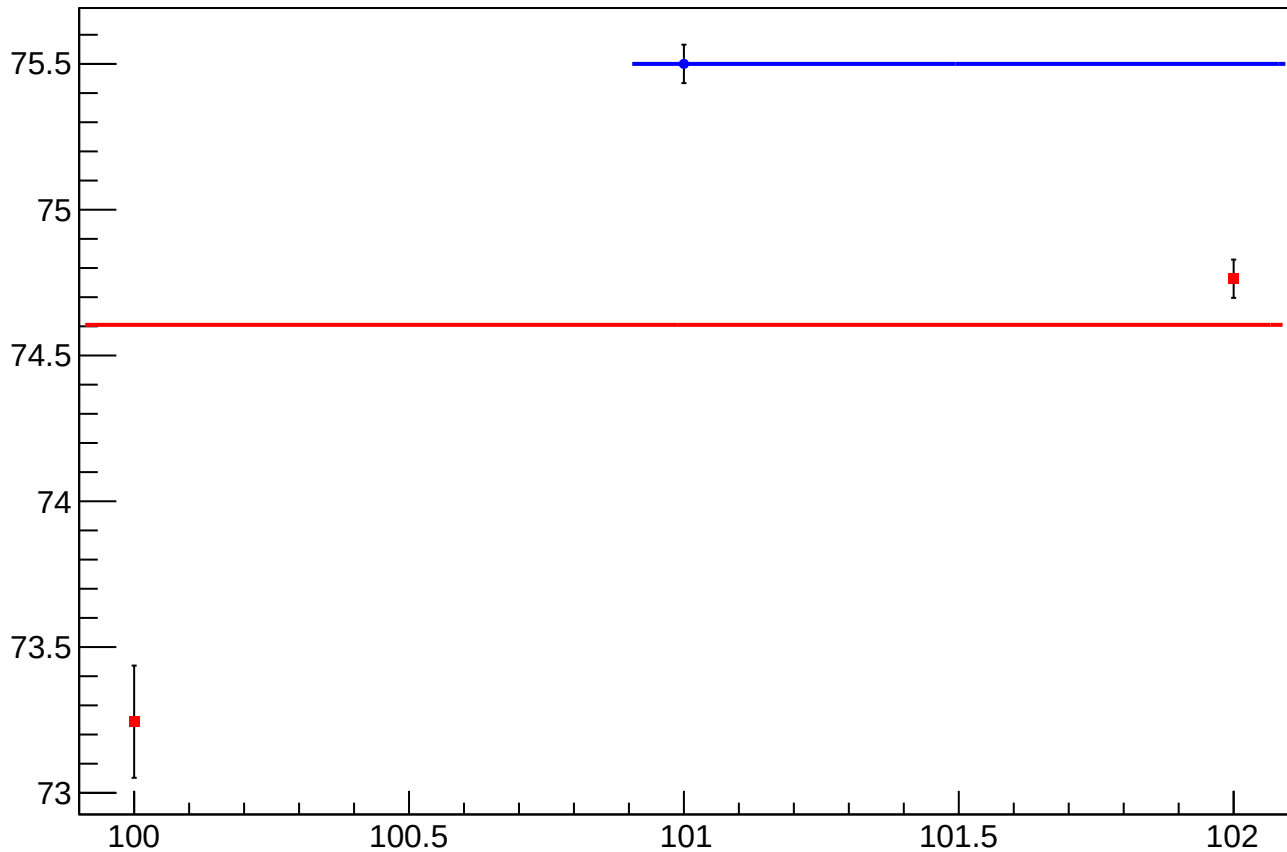
Right: 21.543 $\pm$ 63.939 χ^2 /NDF: 4.5/2

In: 113.910 $\pm$ 93.255 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 21.543 $\pm$ 63.939 χ^2 /NDF: 4.5/2

asym_sam_15_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 75.500 $\pm$ 0.066 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 74.605 $\pm$ 0.062 χ^2 /NDF: 55.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

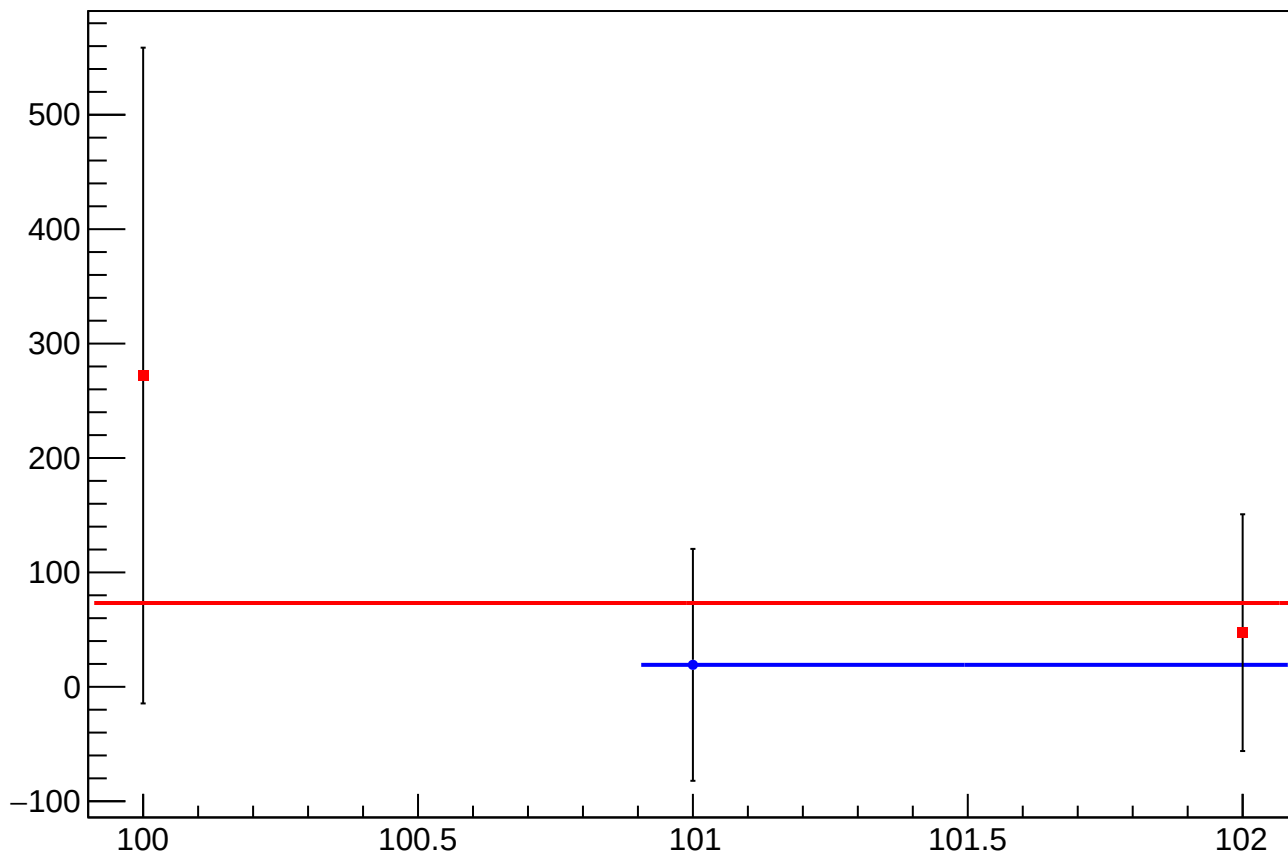
Right: 75.026 $\pm$ 0.045 χ^2 /NDF: 153.5/2

In: 75.500 $\pm$ 0.066 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 75.026 $\pm$ 0.045 χ^2 /NDF: 153.5/2

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 19.204+/-101.342 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.260+/-97.325 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

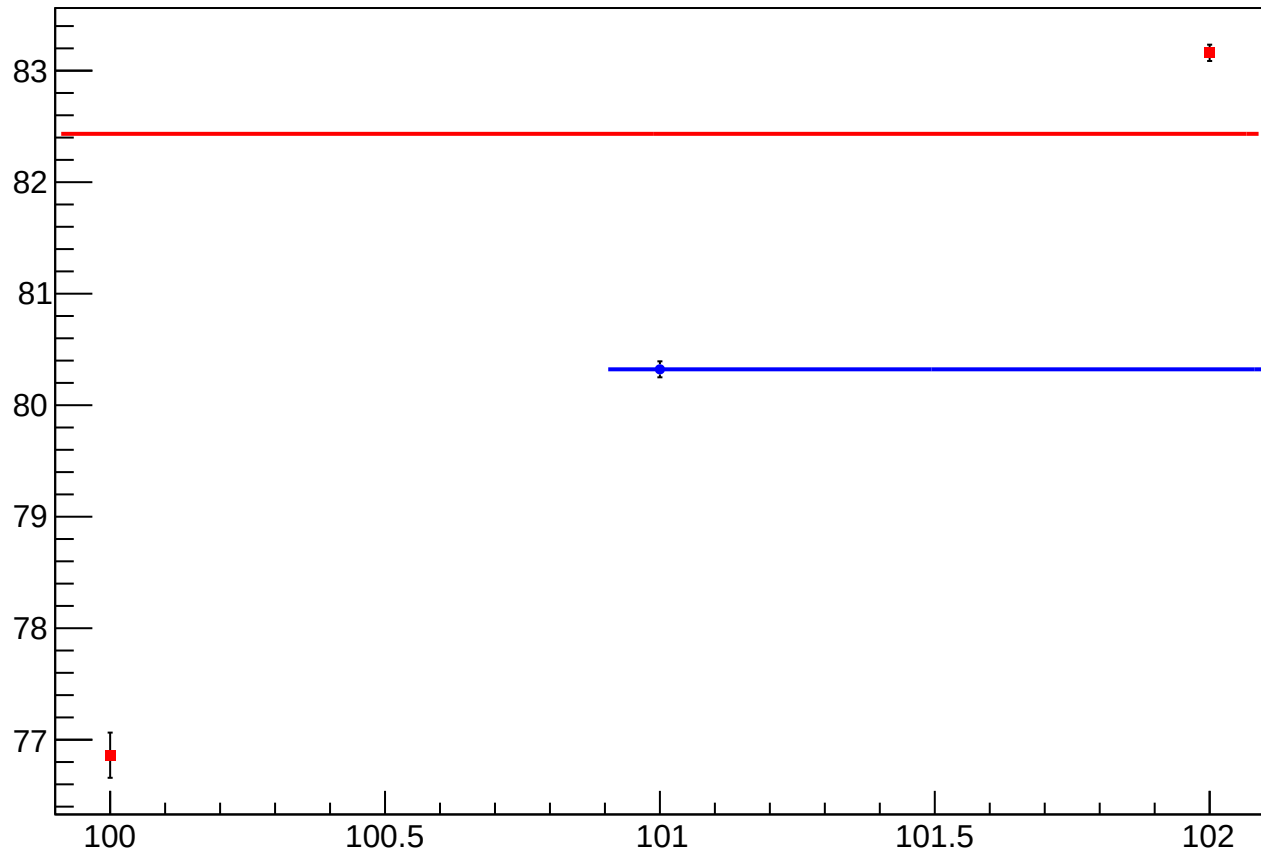
Right: 47.325+/-70.196 χ^2/NDF : 0.7/2

In: 19.204+/-101.342 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.325+/-70.196 χ^2/NDF : 0.7/2

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 80.322 ± 0.072 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 82.434 ± 0.069 $\chi^2/\text{NDF}: 854.7/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

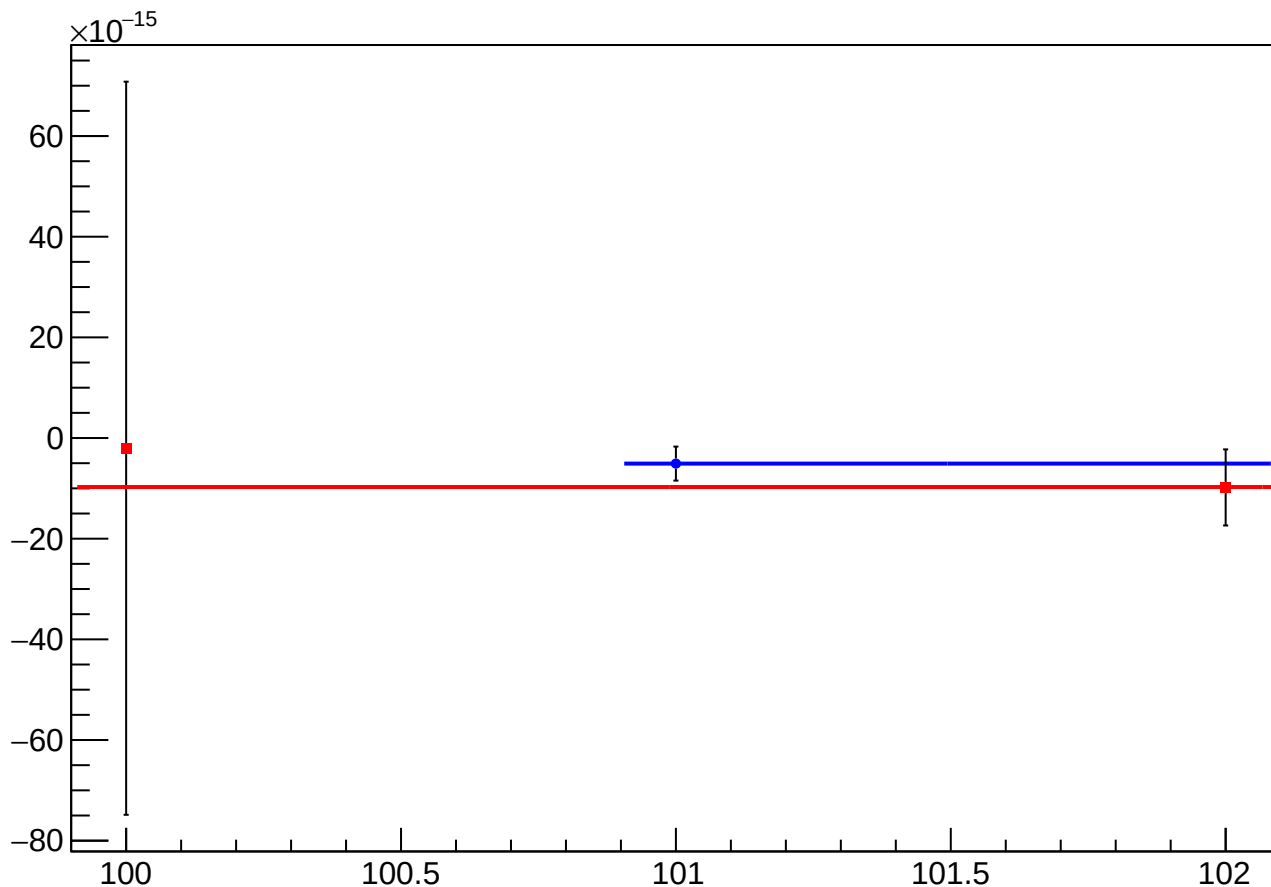
Right: 81.420 ± 0.050 $\chi^2/\text{NDF}: 1306.5/2$

In: 80.322 ± 0.072 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 81.420 ± 0.050 $\chi^2/\text{NDF}: 1306.5/2$

asym_sam_15_avg_reg_vs_cor_diff_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 : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

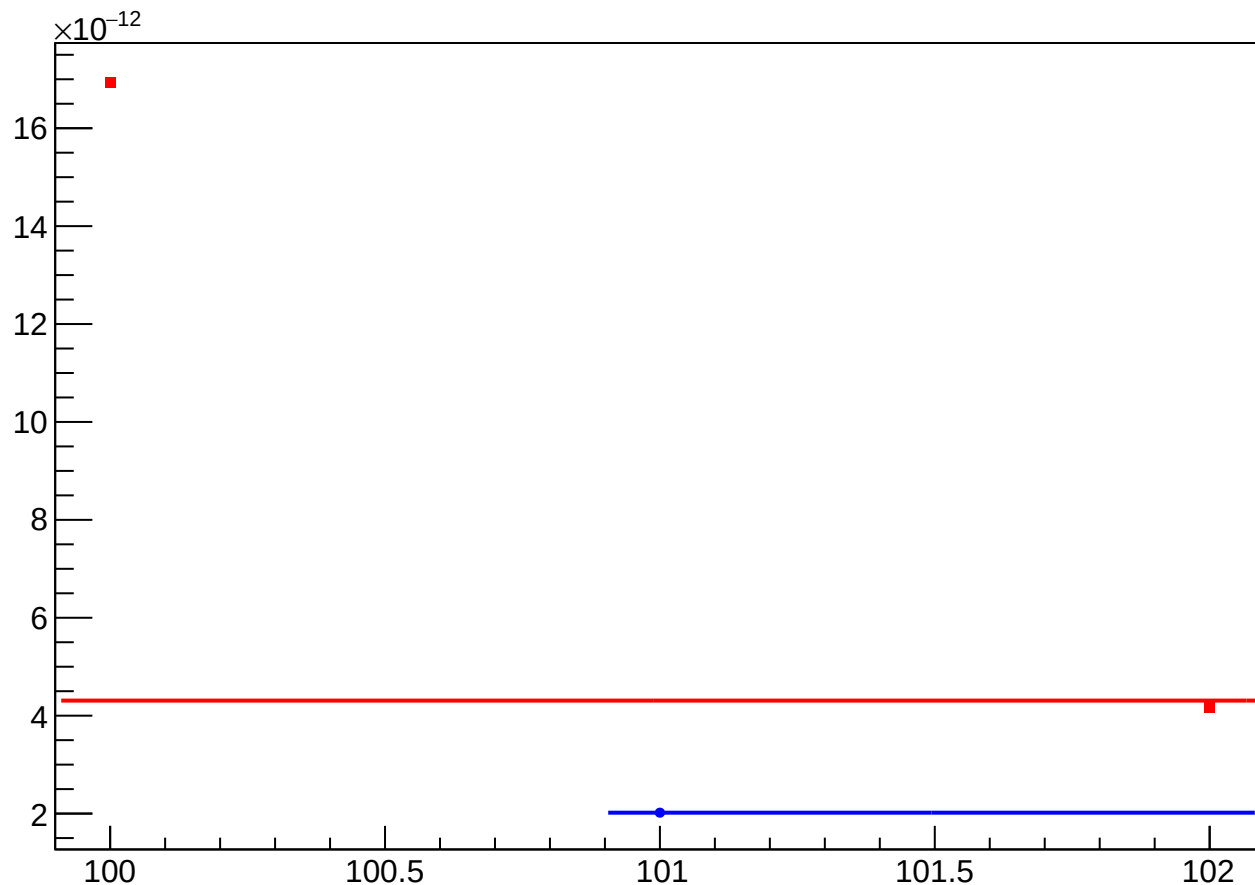
Right: -0.000+/-0.000 χ^2/NDF : 0.3/2

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 : 0.3/2

asym_sam_15_avg_reg_vs_cor_diff_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 : 60815.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

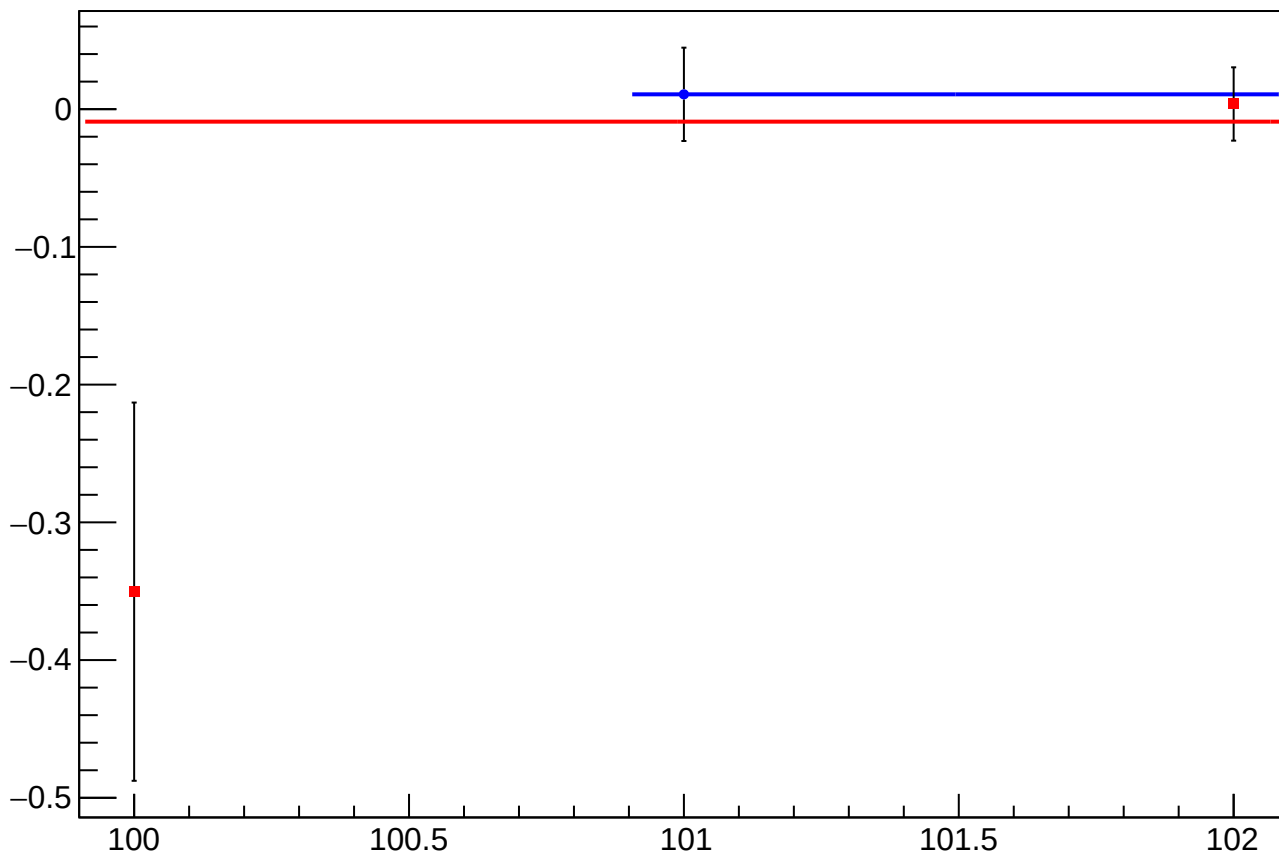
Right: 0.000+/-0.000 χ^2/NDF : 215086.4/2

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 : 215086.4/2

asym_sam_15_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.034 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.026 χ^2/NDF : 6.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

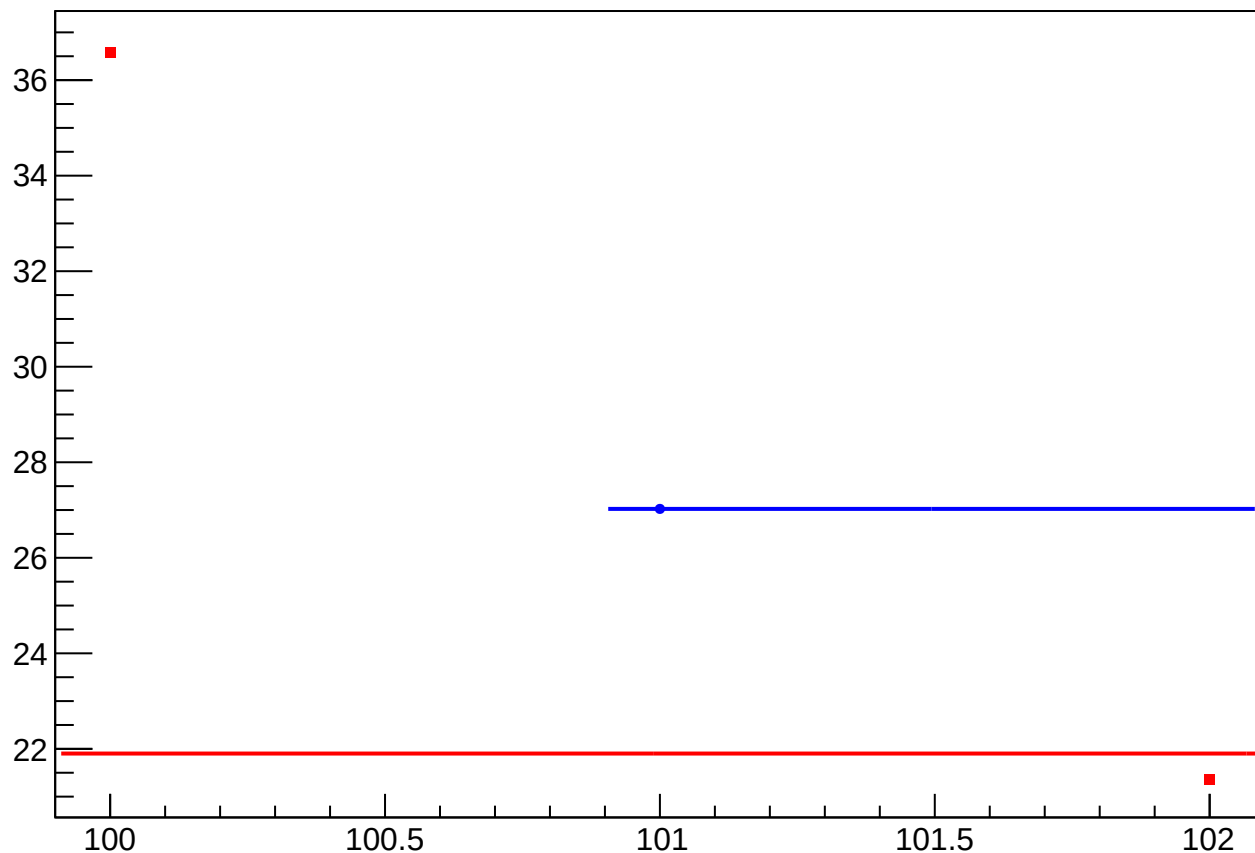
Right: -0.002+/-0.021 χ^2/NDF : 6.6/2

In: 0.011+/-0.034 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.002+/-0.021 χ^2/NDF : 6.6/2

asym_sam_15_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.024 $\pm$ 0.024 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.902 $\pm$ 0.018 χ^2 /NDF: 23719.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

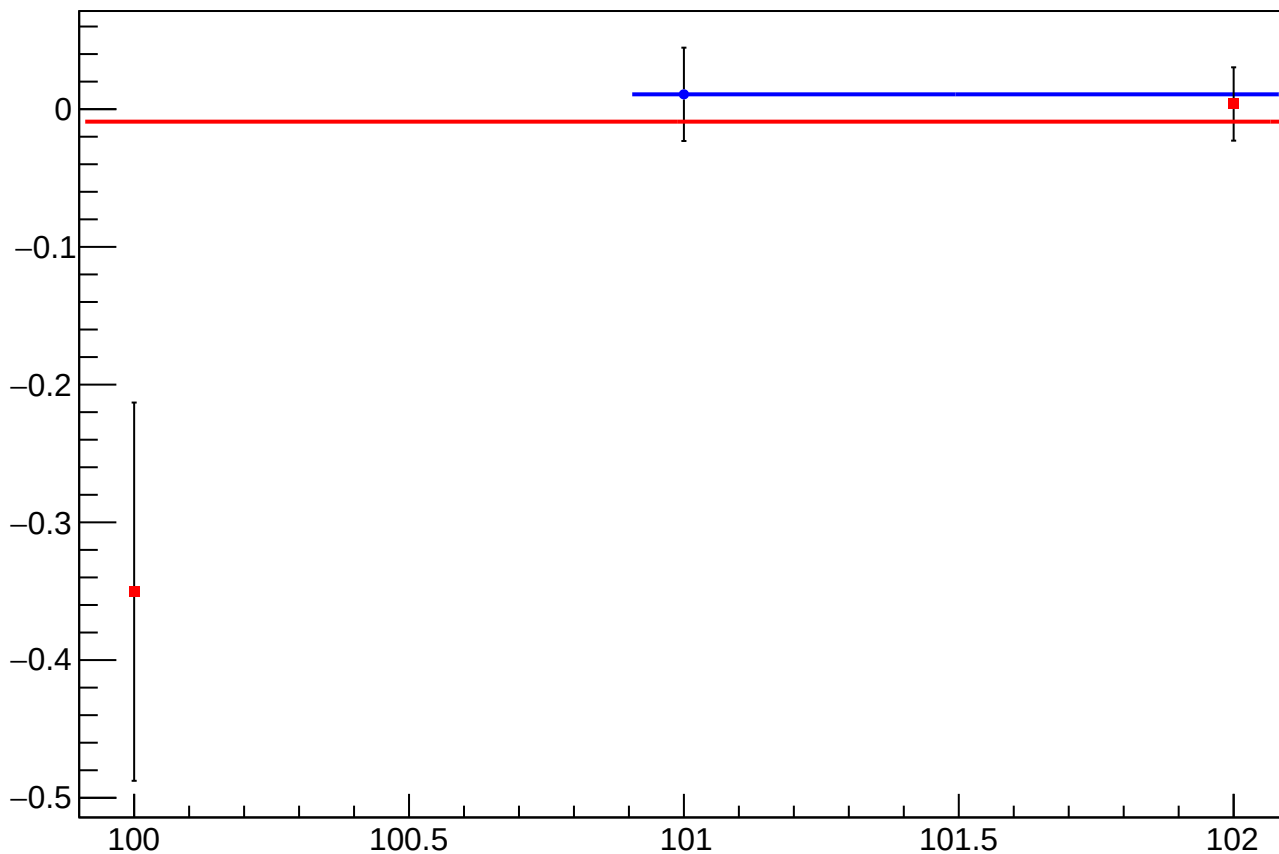
Right: 23.813 $\pm$ 0.015 χ^2 /NDF: 52376.4/2

In: 27.024 $\pm$ 0.024 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.813 $\pm$ 0.015 χ^2 /NDF: 52376.4/2

asym_sam_15_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.034 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.026 χ^2/NDF : 6.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

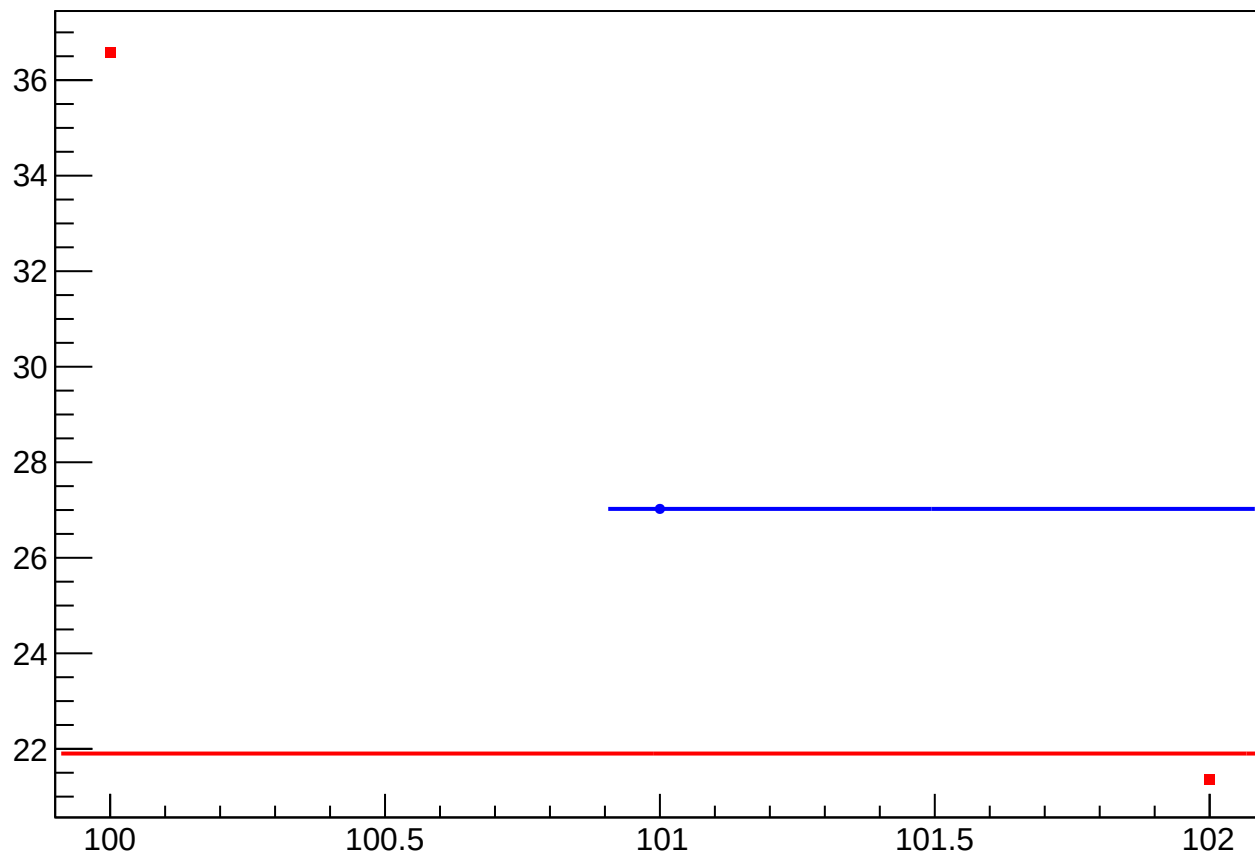
Right: -0.002+/-0.021 χ^2/NDF : 6.6/2

In: 0.011+/-0.034 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.002+/-0.021 χ^2/NDF : 6.6/2

asym_sam_15_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.024 $\pm$ 0.024 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.902 $\pm$ 0.018 χ^2 /NDF: 23719.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

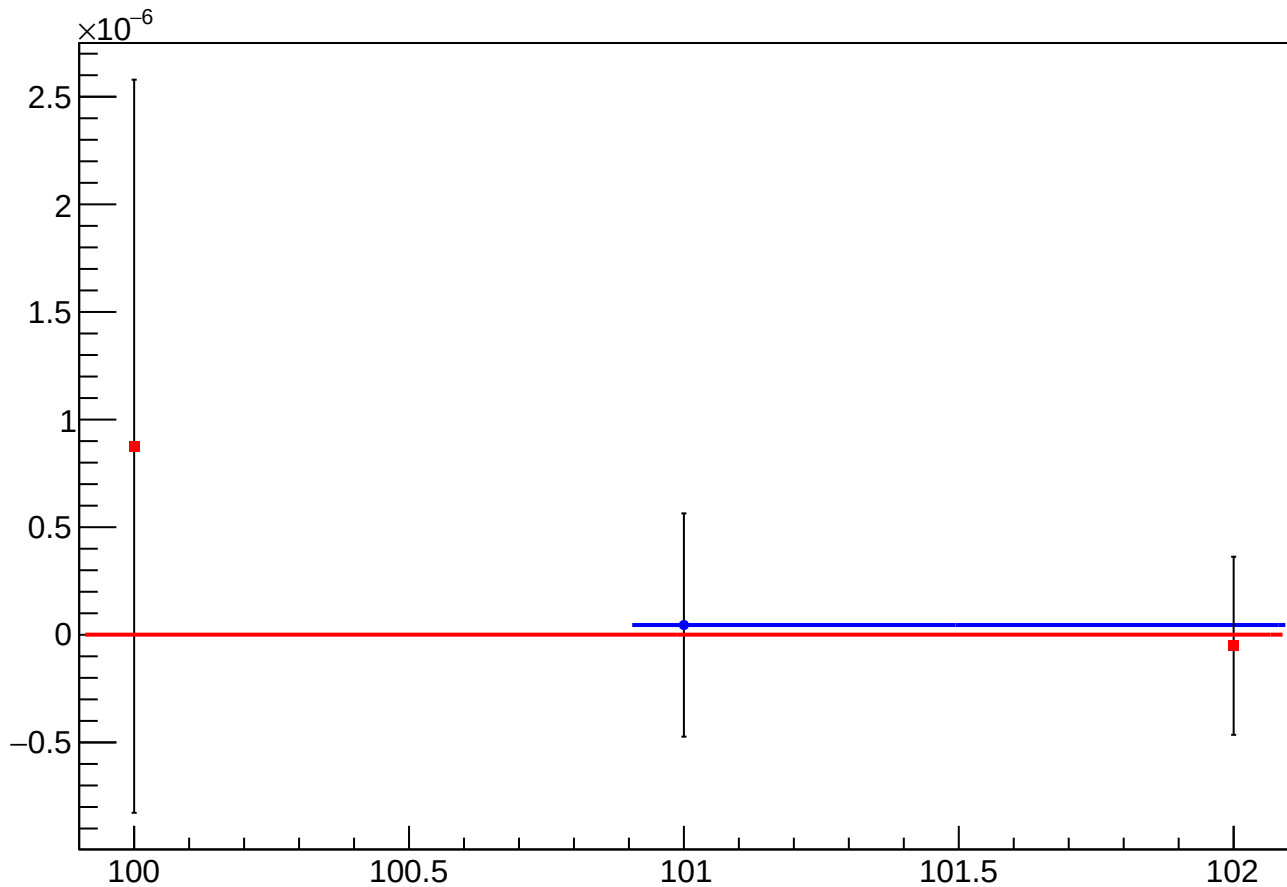
Right: 23.813 $\pm$ 0.015 χ^2 /NDF: 52376.4/2

In: 27.024 $\pm$ 0.024 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.813 $\pm$ 0.015 χ^2 /NDF: 52376.4/2

asym_sam_15_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

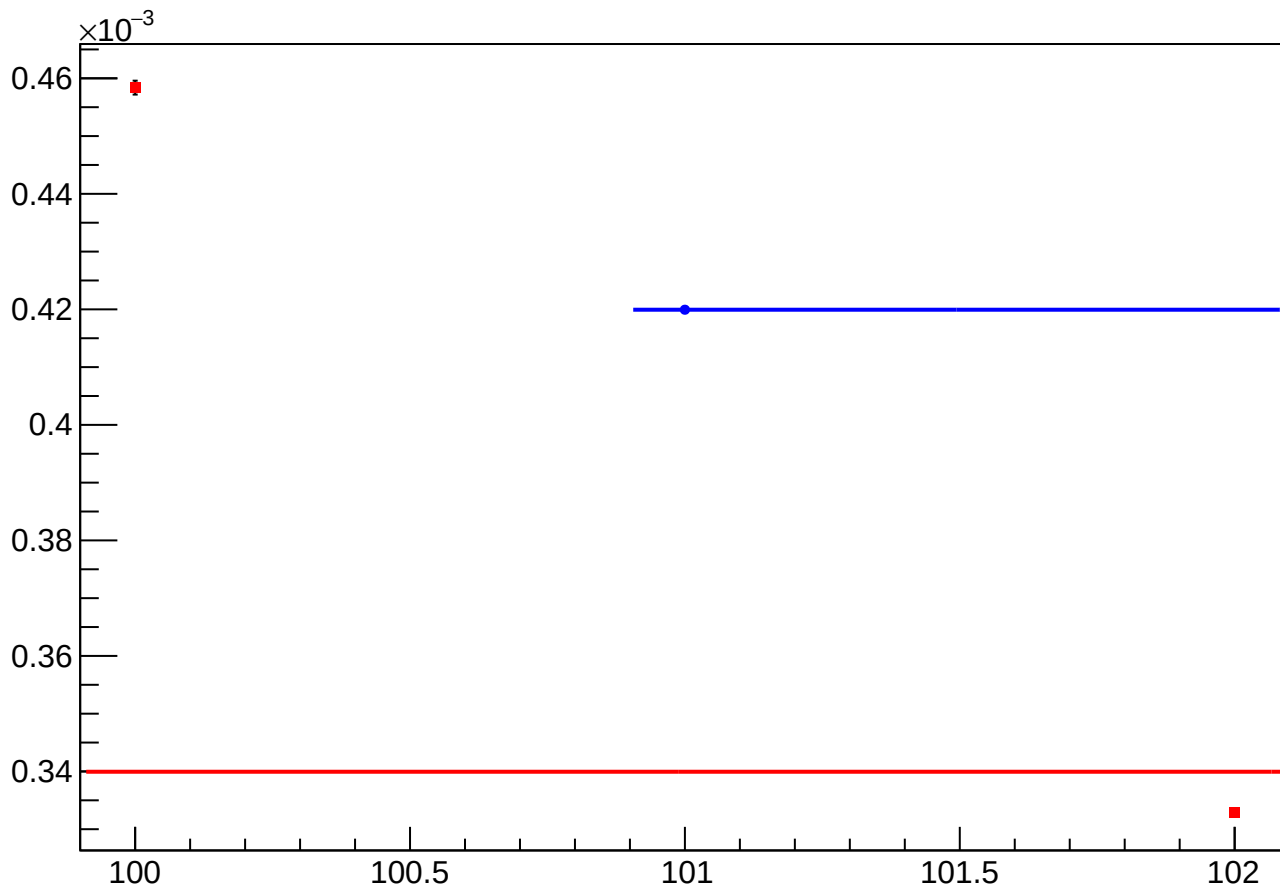
Right: 0.000+/-0.000 χ^2/NDF : 0.3/2

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 : 0.3/2

asym_sam_15_avg_eigen_dit_vs_dit_diff_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 : 10243.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

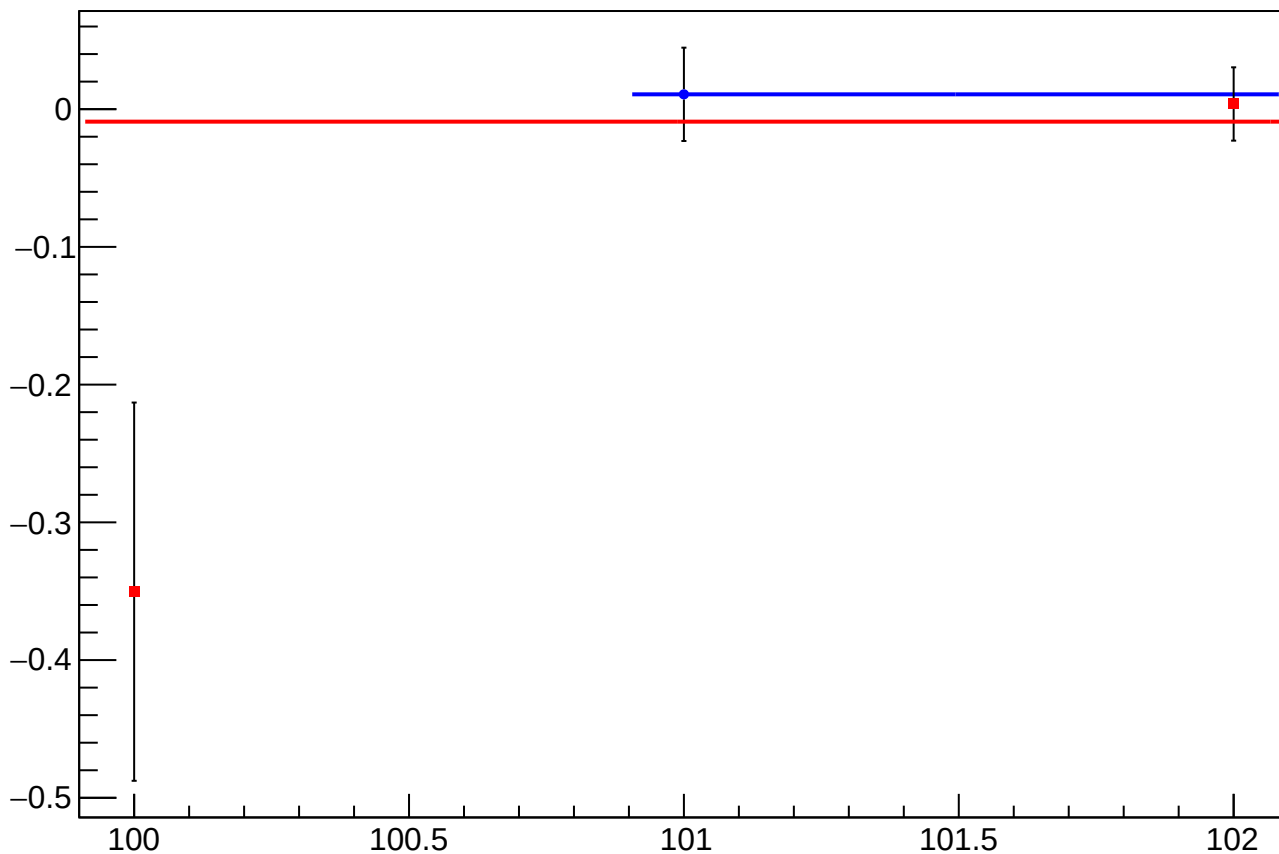
Right: 0.000+/-0.000 χ^2/NDF : 39947.6/2

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 : 39947.6/2

asym_sam_15_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.034 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.026 χ^2/NDF : 6.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

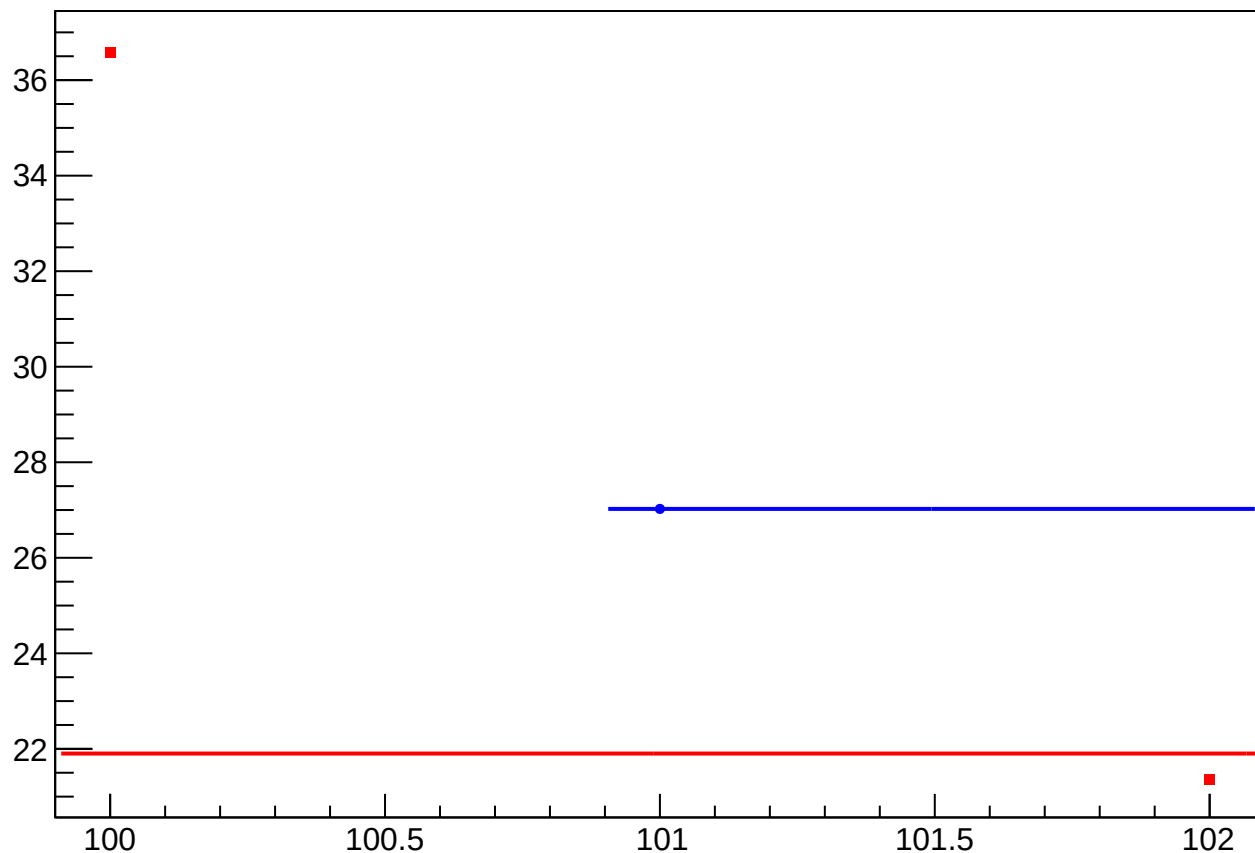
Right: -0.002+/-0.021 χ^2/NDF : 6.6/2

In: 0.011+/-0.034 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.002+/-0.021 χ^2/NDF : 6.6/2

asym_sam_15_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.024 $\pm$ 0.024 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.902 $\pm$ 0.018 χ^2 /NDF: 23719.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

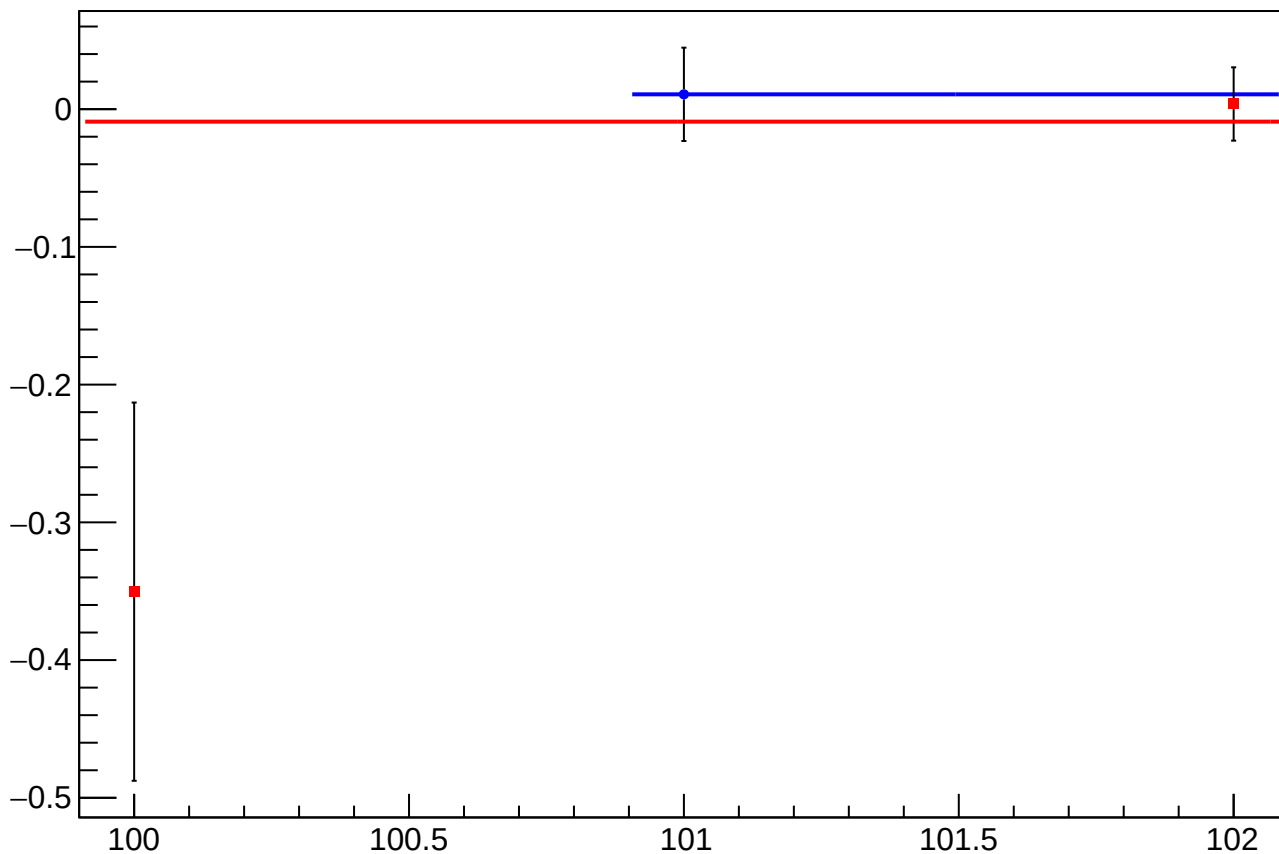
Right: 23.813 $\pm$ 0.015 χ^2 /NDF: 52376.1/2

In: 27.024 $\pm$ 0.024 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.813 $\pm$ 0.015 χ^2 /NDF: 52376.1/2

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.034 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.026 χ^2/NDF : 6.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

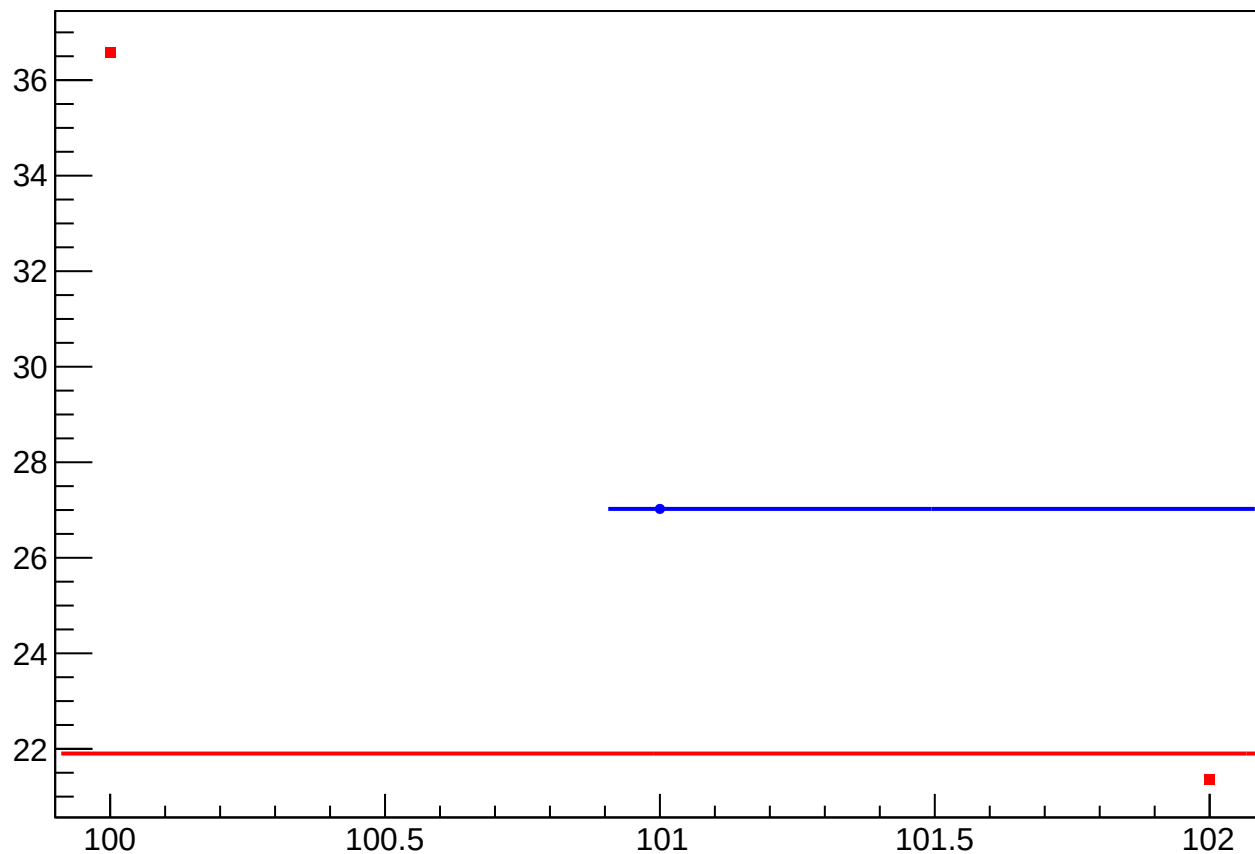
Right: -0.002+/-0.021 χ^2/NDF : 6.6/2

In: 0.011+/-0.034 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.002+/-0.021 χ^2/NDF : 6.6/2

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.024 $\pm$ 0.024 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.902 $\pm$ 0.018 χ^2 /NDF: 23719.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

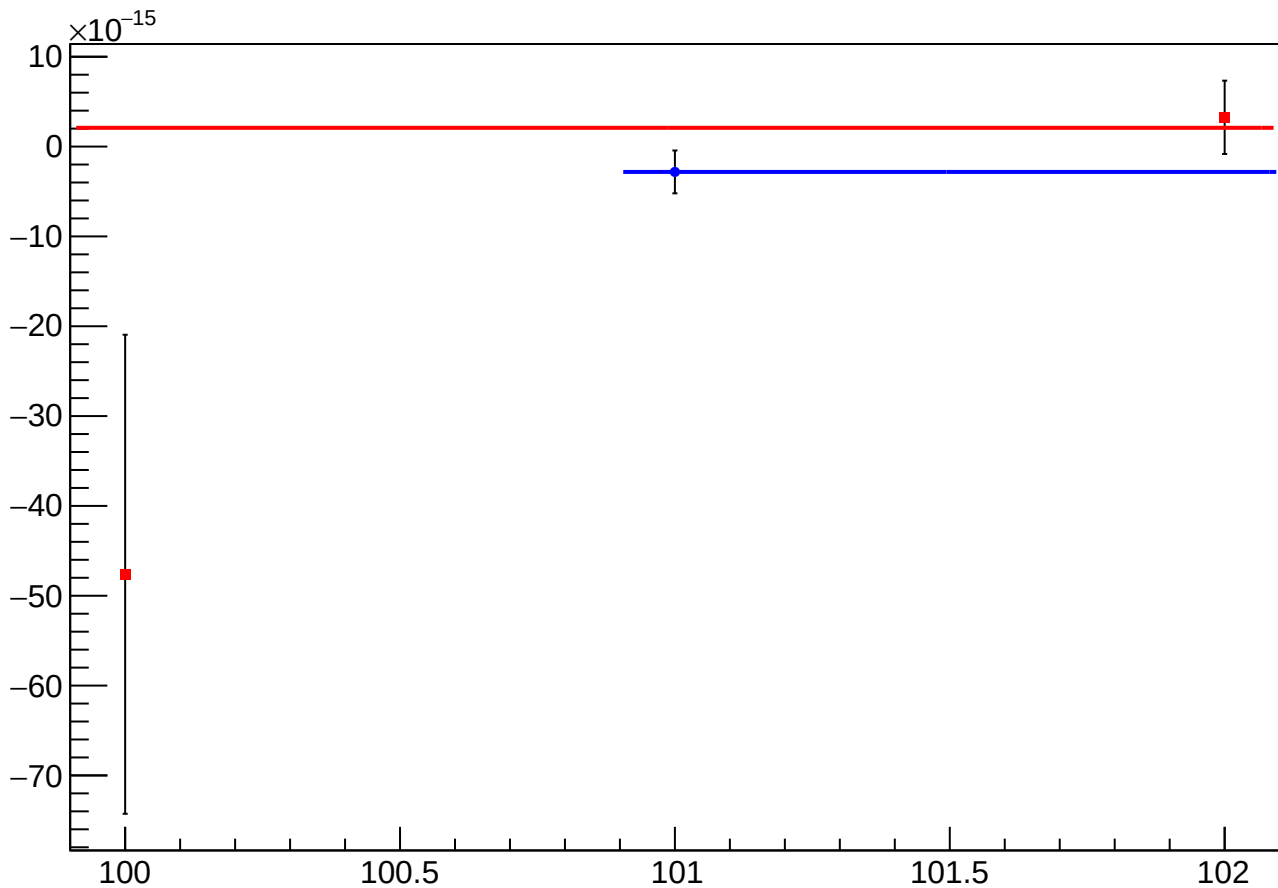
Right: 23.813 $\pm$ 0.015 χ^2 /NDF: 52376.1/2

In: 27.024 $\pm$ 0.024 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.813 $\pm$ 0.015 χ^2 /NDF: 52376.1/2

asym_sam_15_avg_eigen_cor_vs_cor_diff_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 : 3.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

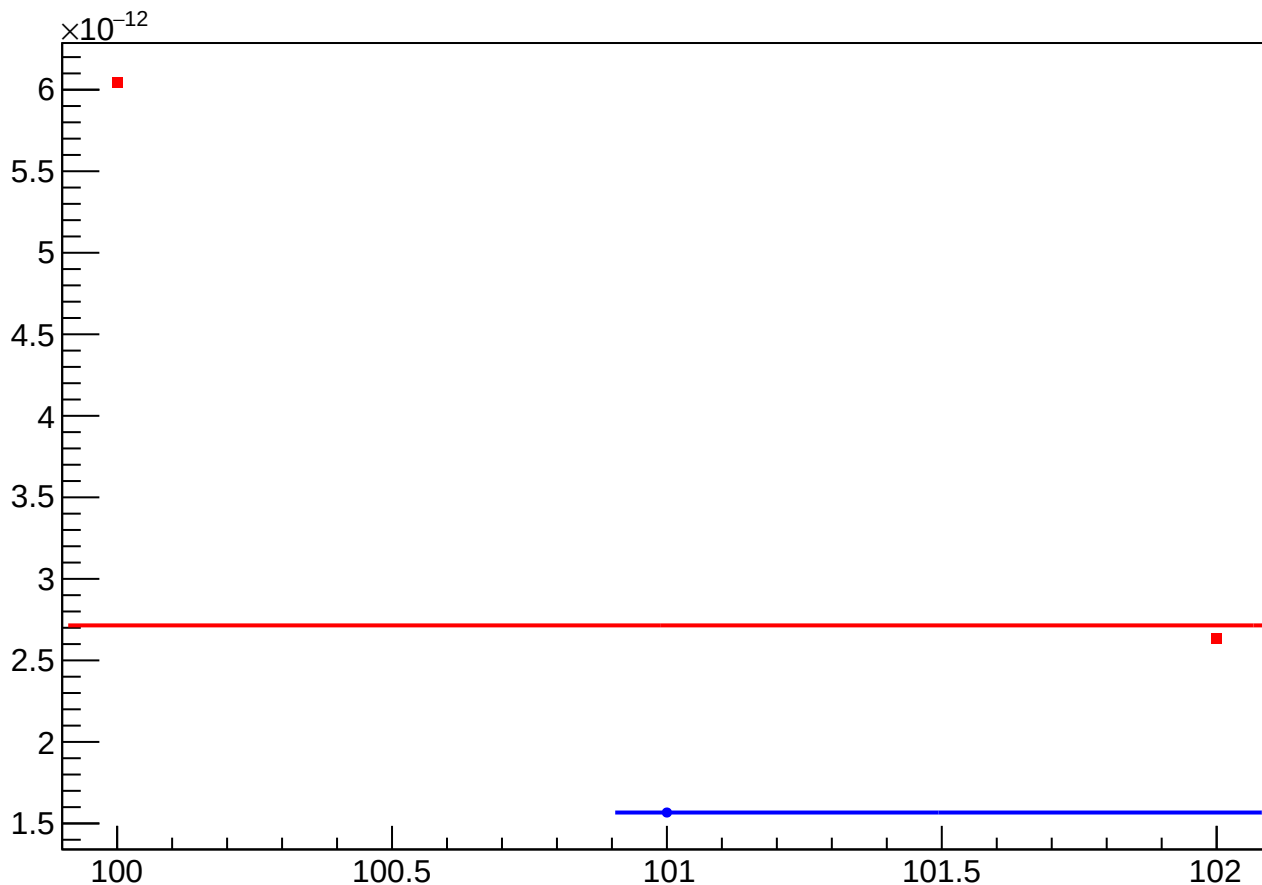
Right: -0.000+/-0.000 χ^2/NDF : 4.7/2

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 : 4.7/2

asym_sam_15_avg_eigen_cor_vs_cor_diff_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 : 31889.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

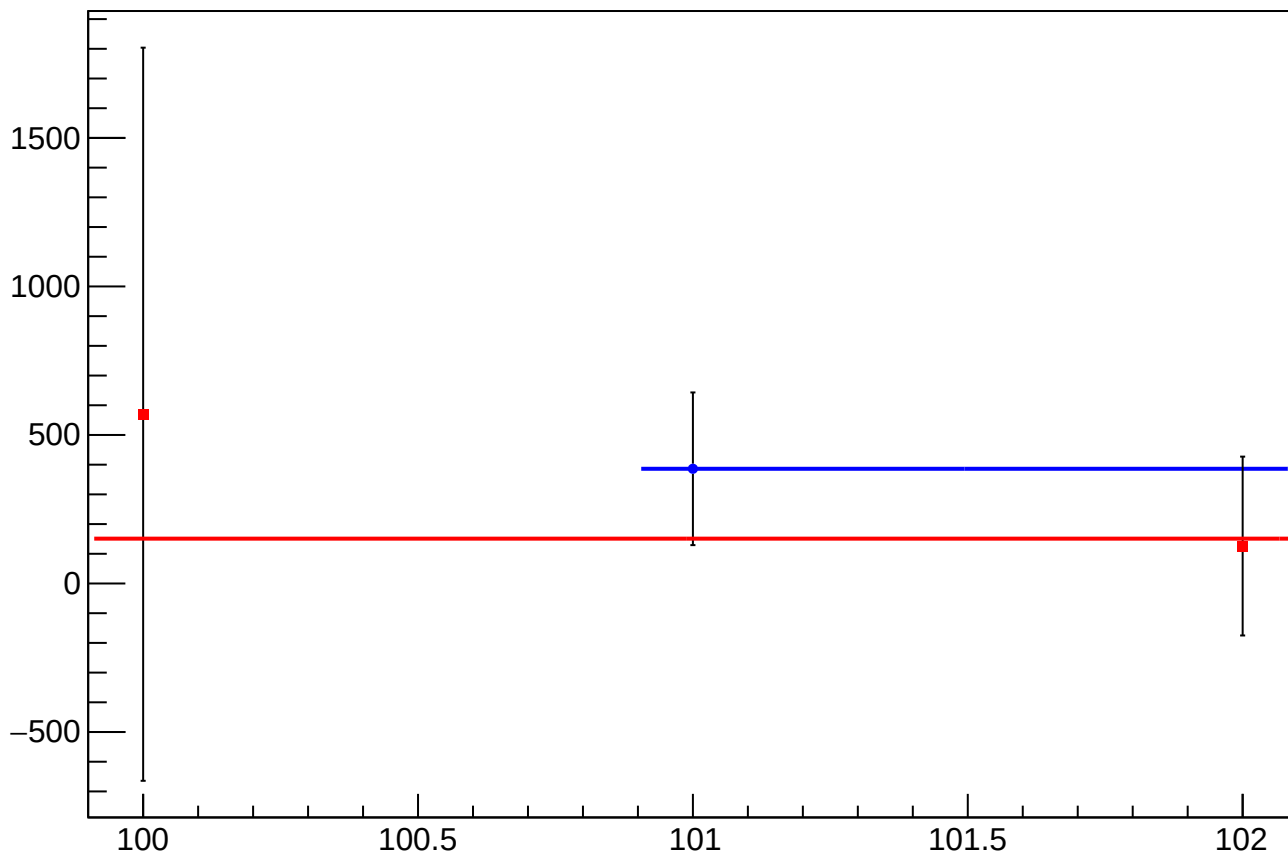
Right: 0.000+/-0.000 χ^2/NDF : 151855.5/2

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 : 151855.5/2

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 386.152+/-256.981 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.963+/-292.473 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

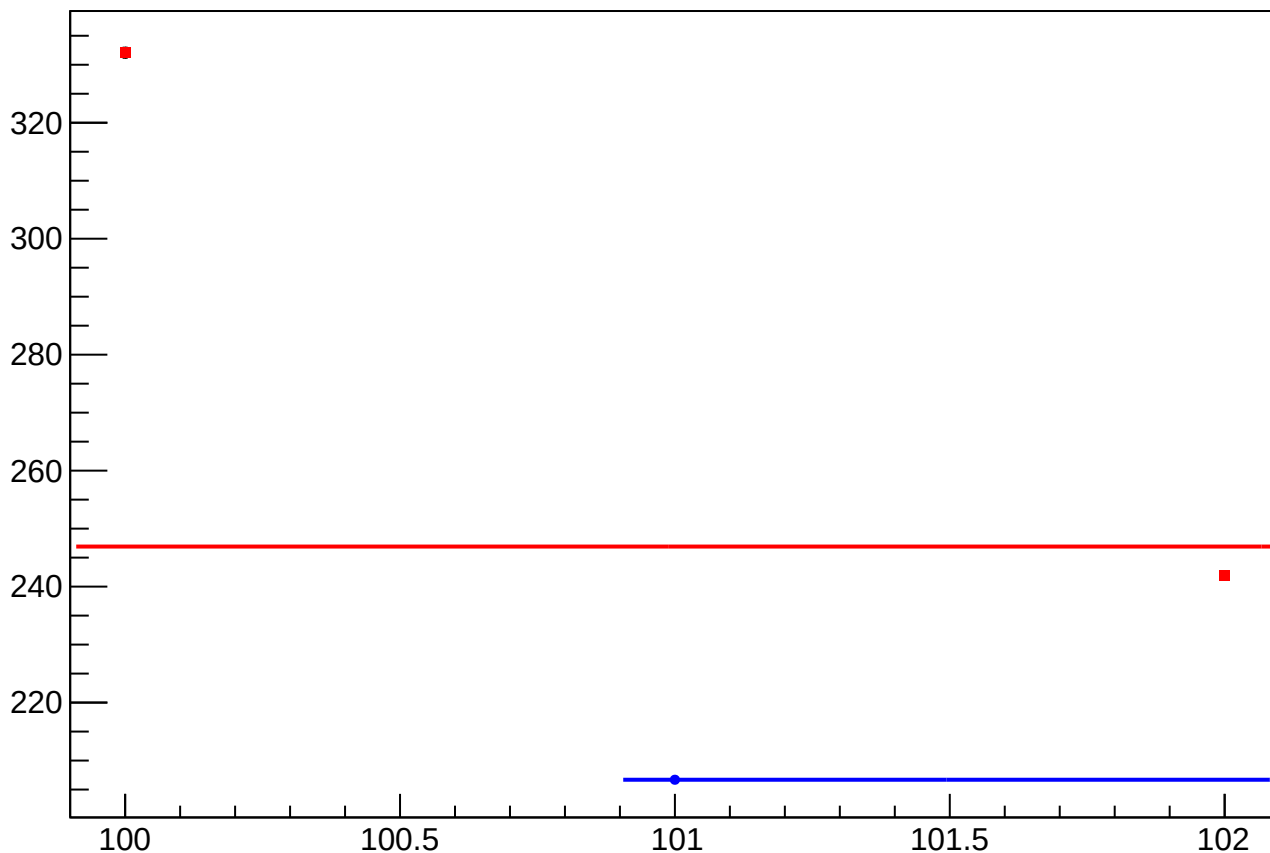
Right: 283.686+/-193.049 χ^2/NDF : 0.5/2

In: 386.152+/-256.981 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 283.686+/-193.049 χ^2/NDF : 0.5/2

reg_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 206.692 $\pm$ 0.182 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 246.908 $\pm$ 0.207 χ^2 /NDF: 10092.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

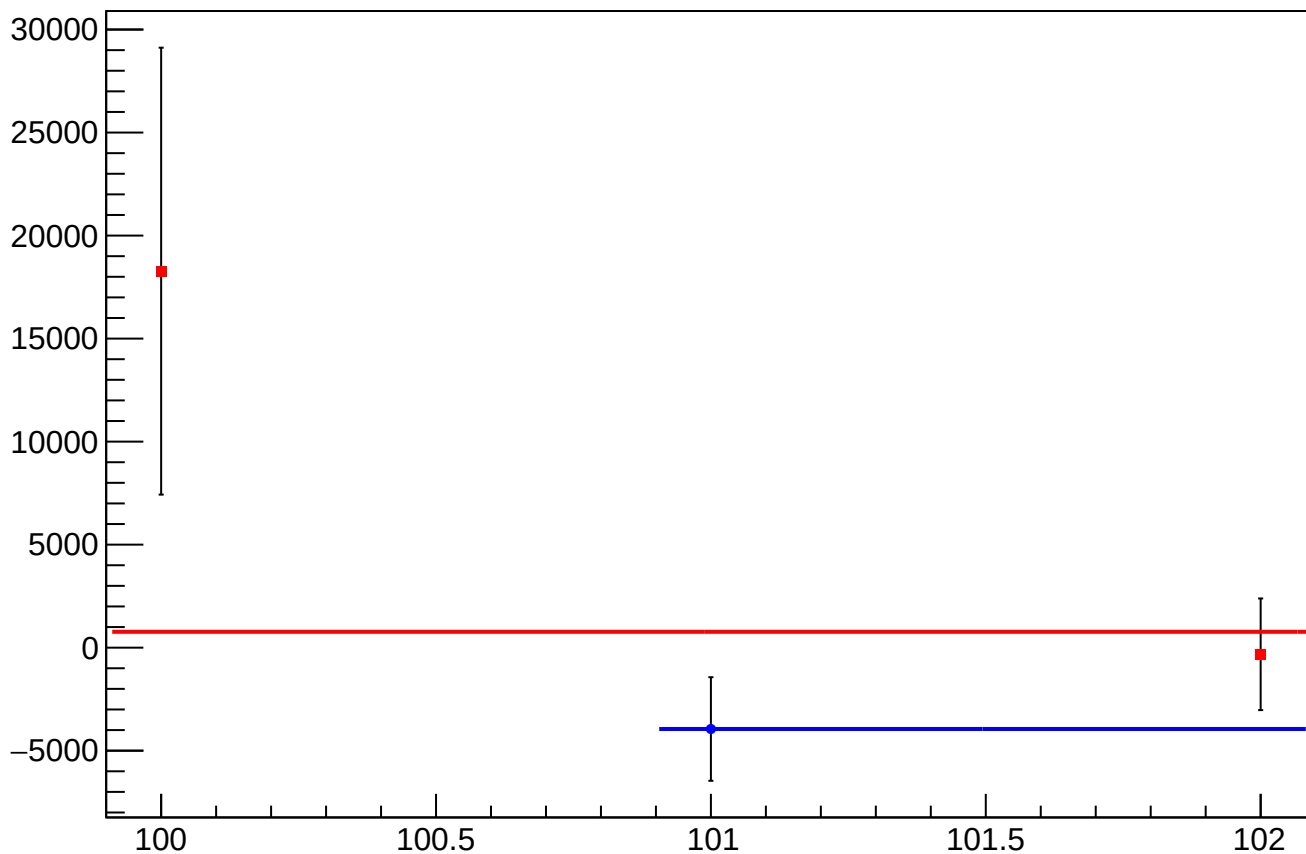
Right: 224.213 $\pm$ 0.137 χ^2 /NDF: 31432.3/2

In: 206.692 $\pm$ 0.182 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 224.213 $\pm$ 0.137 χ^2 /NDF: 31432.3/2

asym_sam_26_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -3947.635+/-2513.948 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 770.393+/-2628.268 χ^2/NDF : 2.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

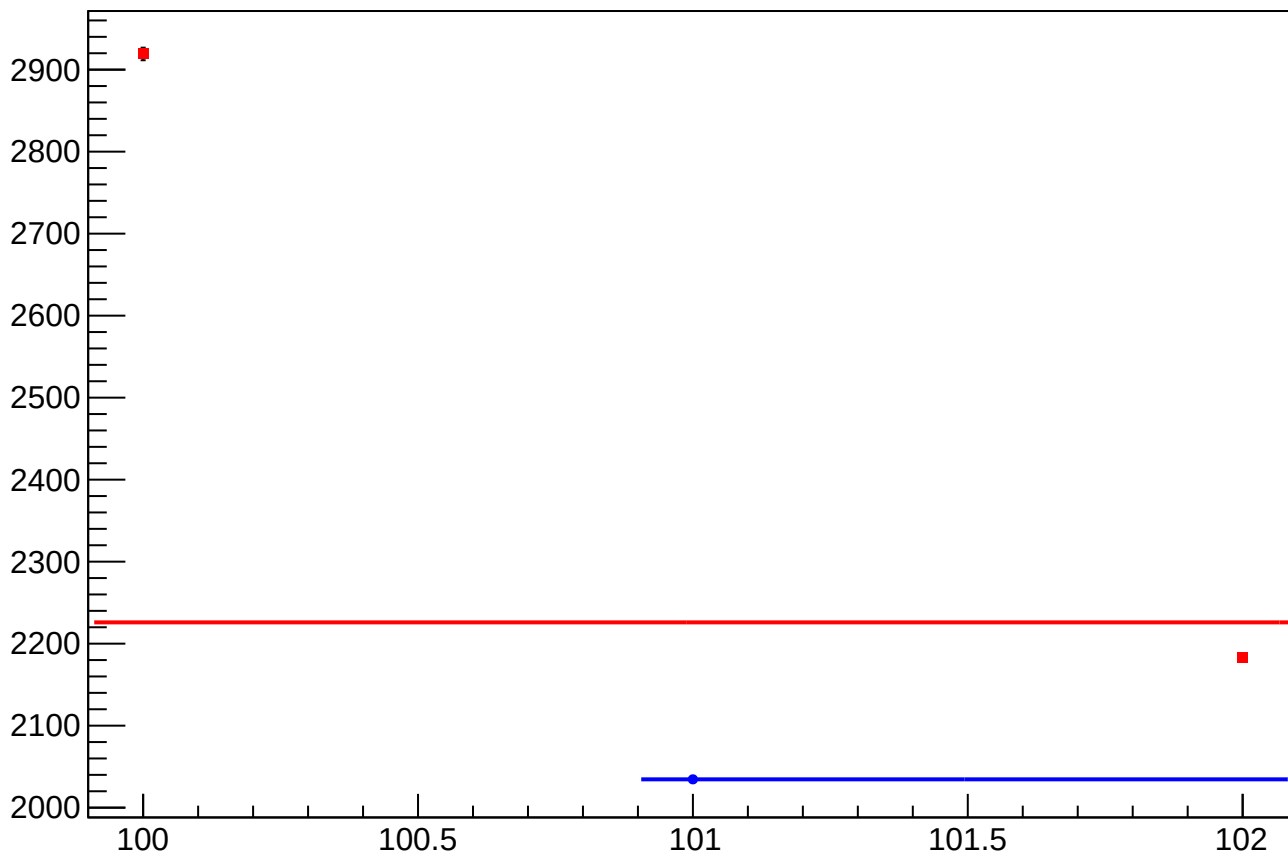
Right: -1693.459+/-1816.700 χ^2/NDF : 4.4/2

In: -3947.635+/-2513.948 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1693.459+/-1816.700 χ^2/NDF : 4.4/2

asym_sam_26_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2034.538+/-1.778 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2225.957+/-1.858 χ^2/NDF : 8678.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

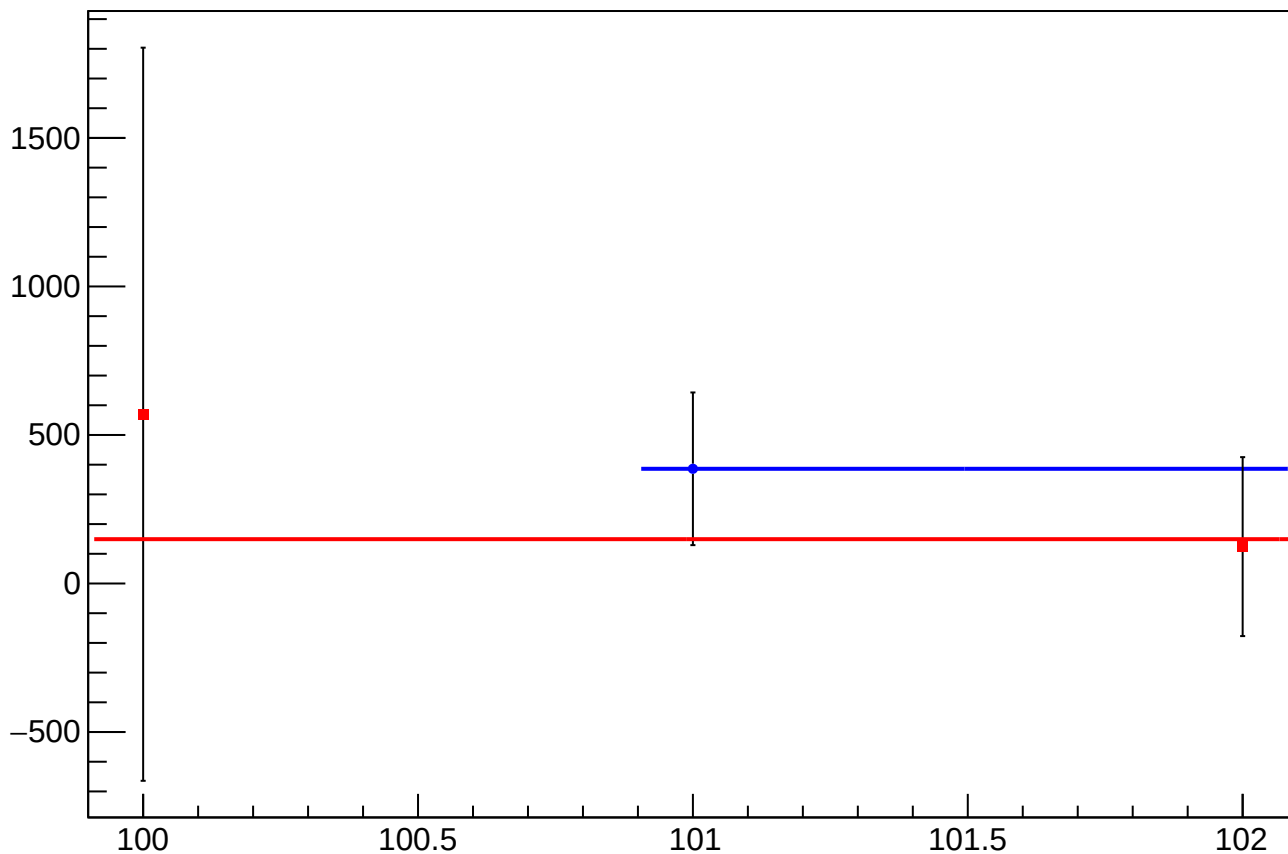
Right: 2125.994+/-1.285 χ^2/NDF : 14218.6/2

In: 2034.538+/-1.778 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2125.994+/-1.285 χ^2/NDF : 14218.6/2

cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 386.136 $\pm$ 256.981 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 149.227 $\pm$ 292.623 χ^2/NDF : 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

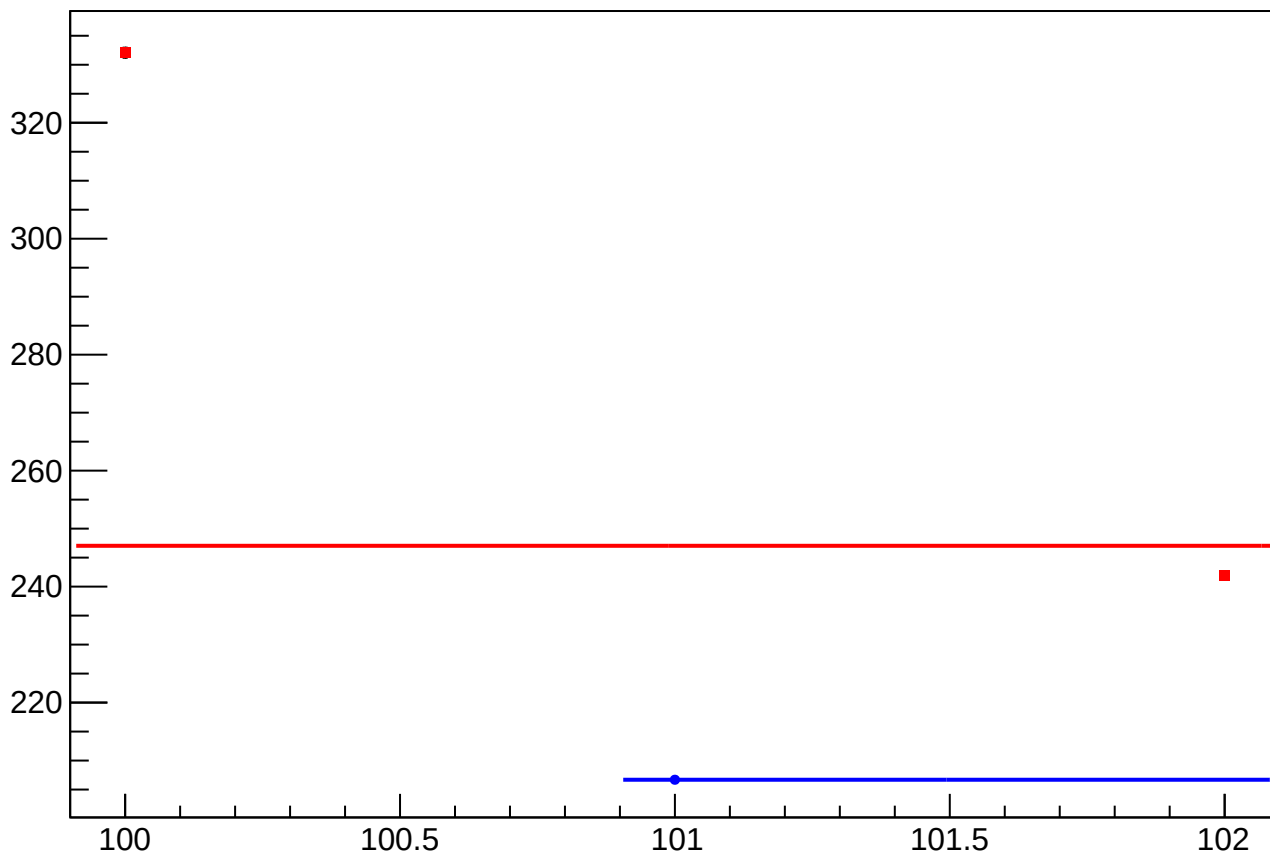
Right: 282.981 $\pm$ 193.092 χ^2/NDF : 0.5/2

In: 386.136 $\pm$ 256.981 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 282.981 $\pm$ 193.092 χ^2/NDF : 0.5/2

cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 206.692 $\pm$ 0.182 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 247.038 $\pm$ 0.207 χ^2 /NDF: 10062.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

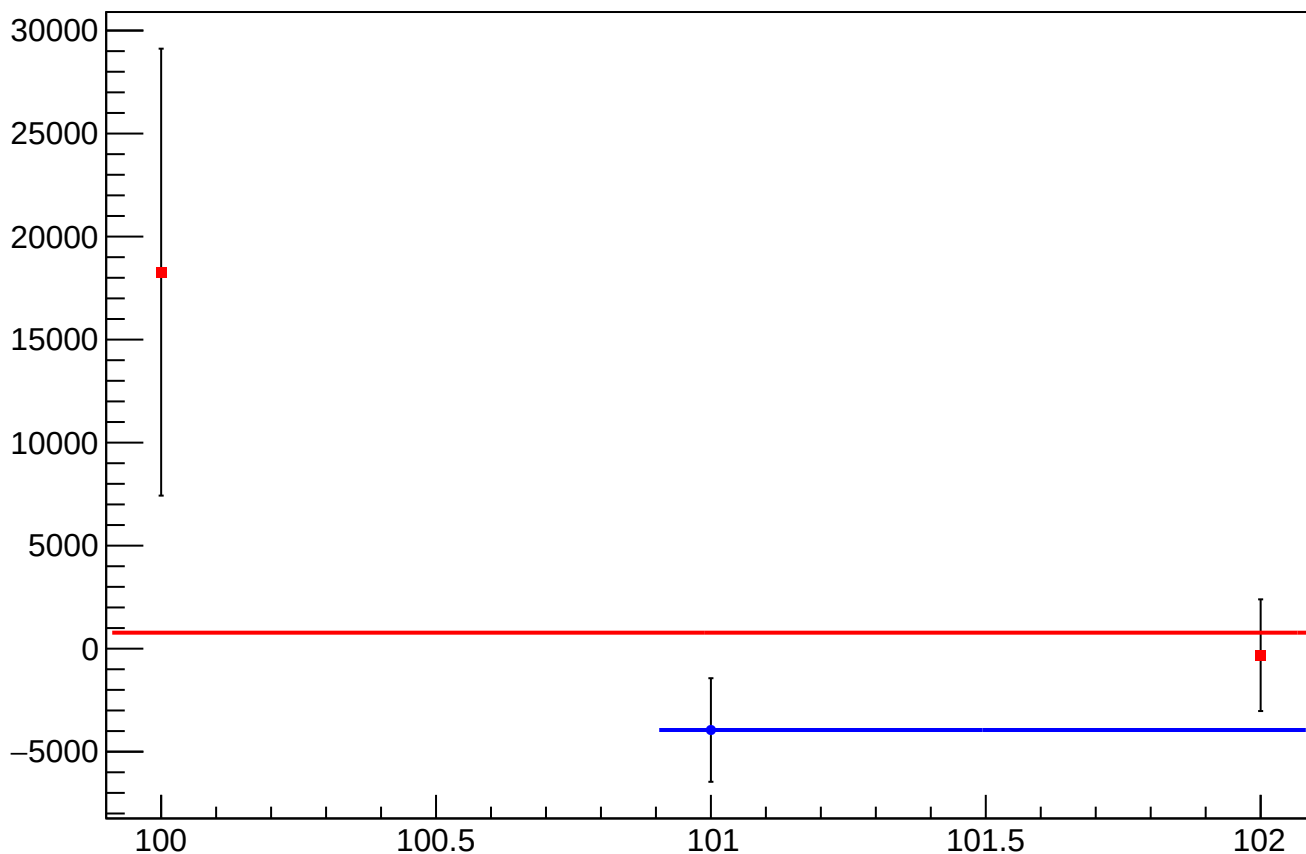
Right: 224.260 $\pm$ 0.137 χ^2 /NDF: 31528.5/2

In: 206.692 $\pm$ 0.182 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 224.260 $\pm$ 0.137 χ^2 /NDF: 31528.5/2

asym_sam_26_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -3947.590+/-2513.952 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 775.913+/-2629.806 χ^2 /NDF: 2.8/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

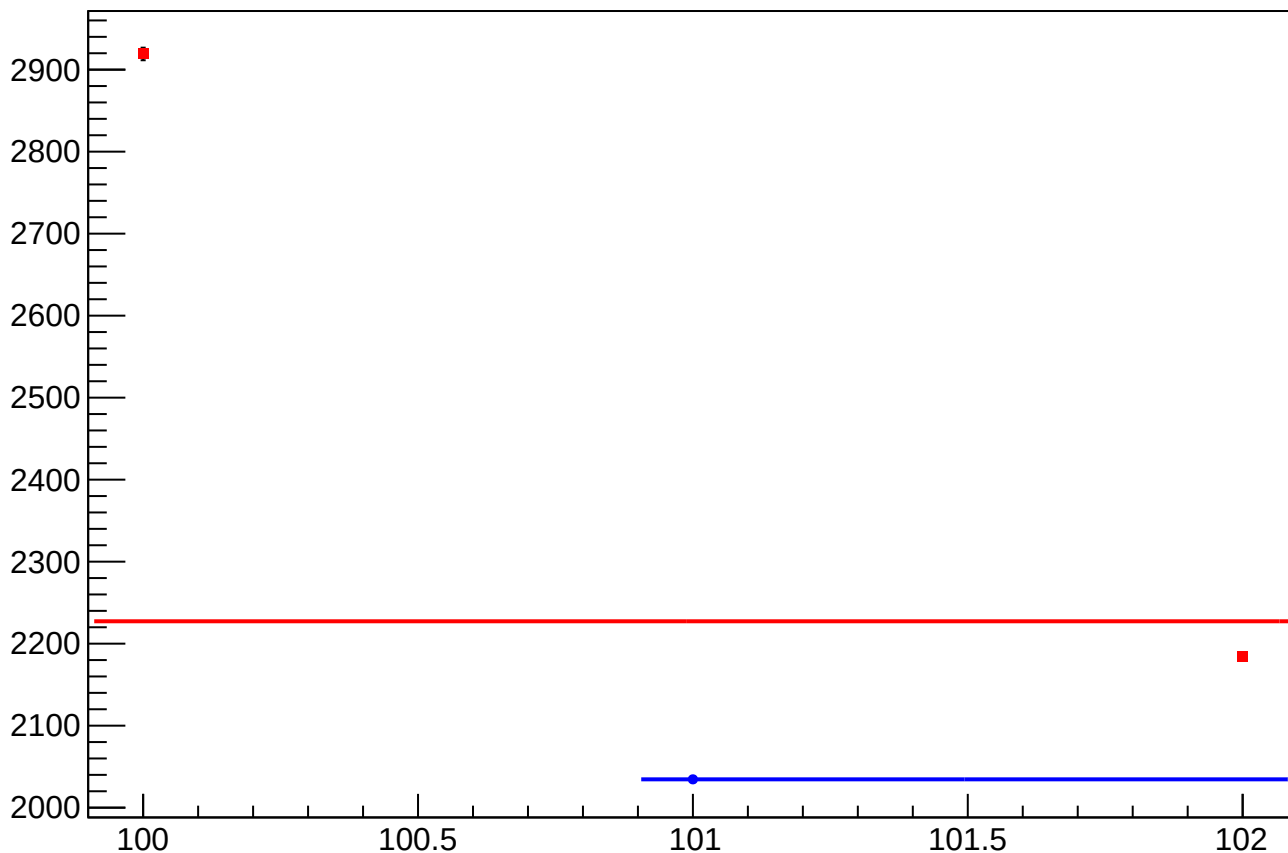
Right: -1692.174+/-1817.209 χ^2 /NDF: 4.5/2

In: -3947.590+/-2513.952 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1692.174+/-1817.209 χ^2 /NDF: 4.5/2

asym_sam_26_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2034.541+/-1.778 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2227.293+/-1.860 χ^2/NDF : 8645.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

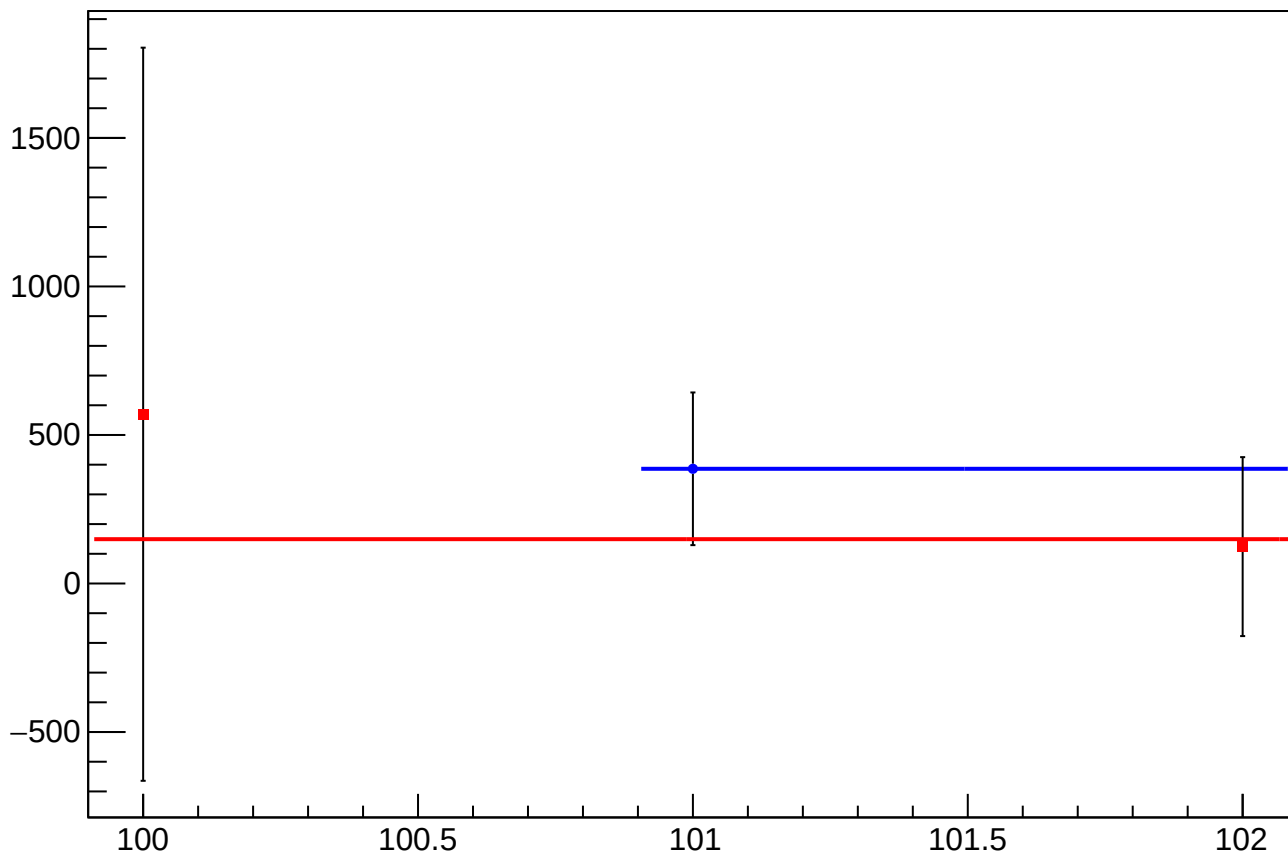
Right: 2126.578+/-1.285 χ^2/NDF : 14259.9/2

In: 2034.541+/-1.778 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2126.578+/-1.285 χ^2/NDF : 14259.9/2

eigen_cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 386.136+/-256.981 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 149.227+/-292.623 χ^2 /NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

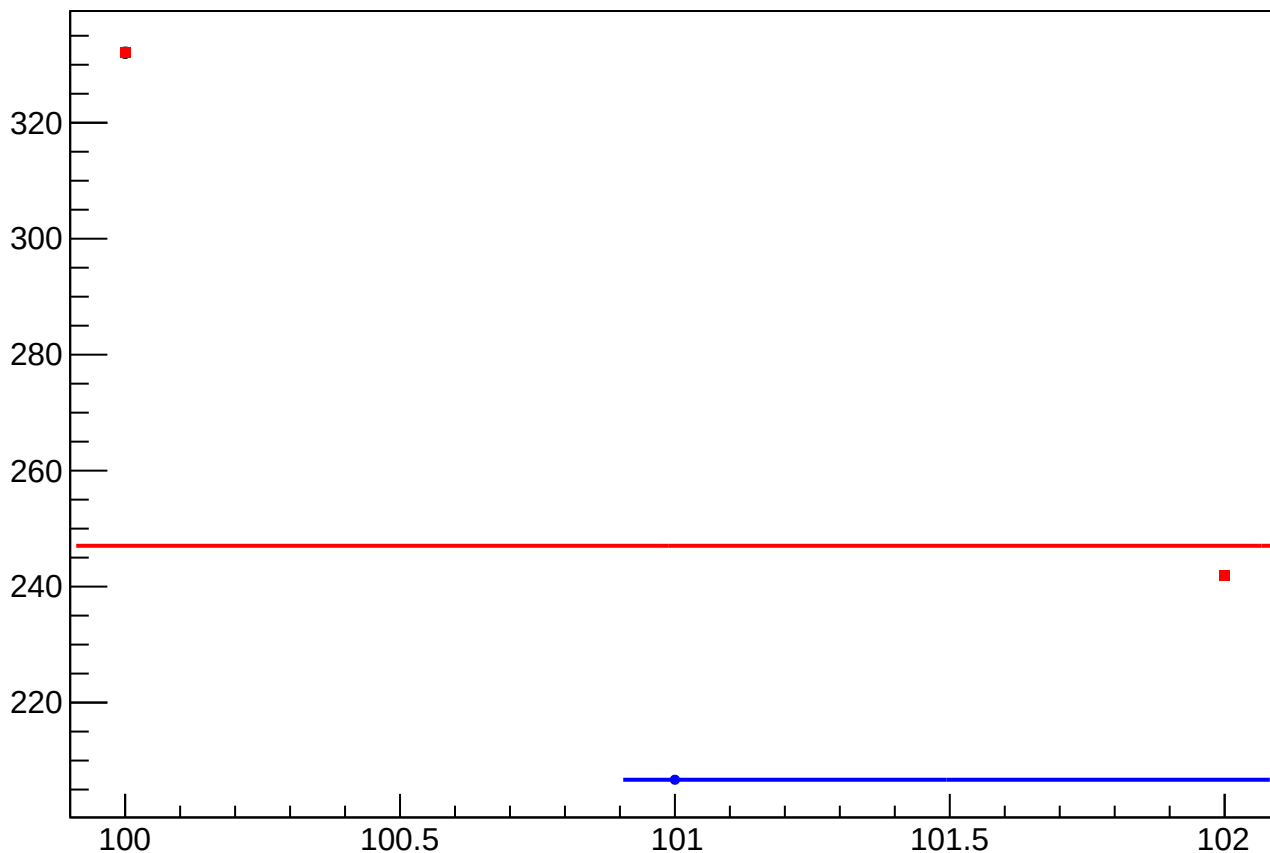
Right: 282.981+/-193.092 χ^2 /NDF: 0.5/2

In: 386.136+/-256.981 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 282.981+/-193.092 χ^2 /NDF: 0.5/2

eigen_cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 206.692 $\pm$ 0.182 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 247.038 $\pm$ 0.207 χ^2 /NDF: 10062.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

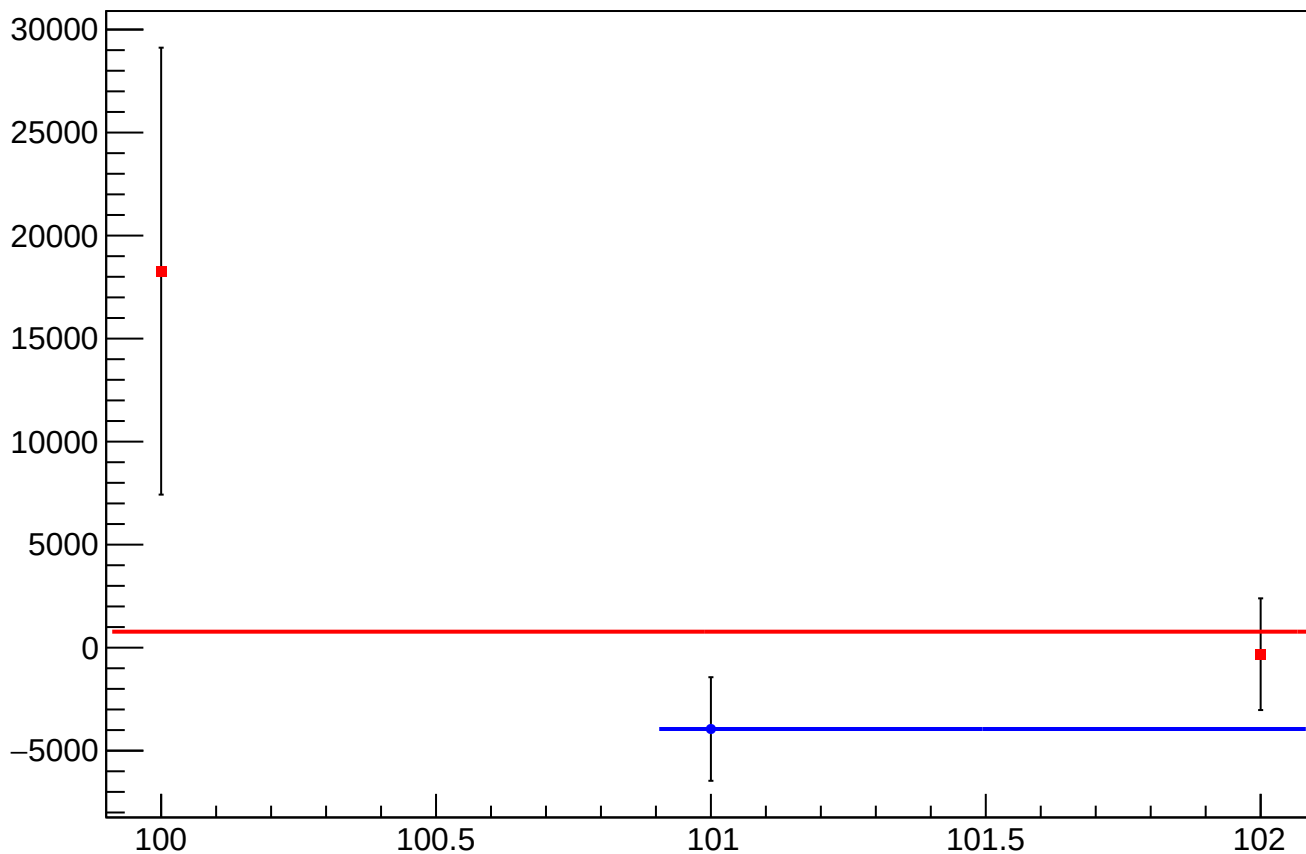
Right: 224.260 $\pm$ 0.137 χ^2 /NDF: 31528.5/2

In: 206.692 $\pm$ 0.182 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 224.260 $\pm$ 0.137 χ^2 /NDF: 31528.5/2

asym_sam_26_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -3947.590+/-2513.952 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 775.913+/-2629.806 χ^2 /NDF: 2.8/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

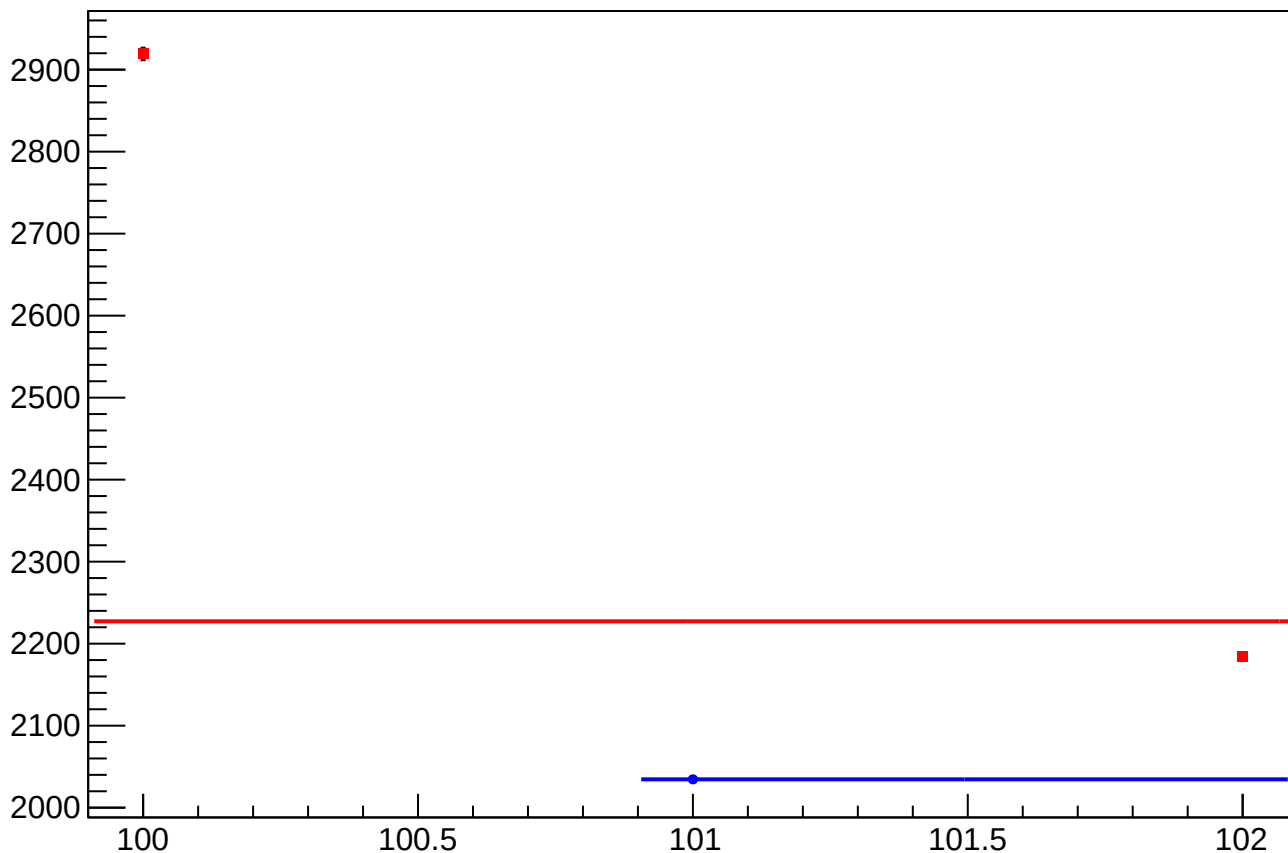
Right: -1692.174+/-1817.209 χ^2 /NDF: 4.5/2

In: -3947.590+/-2513.952 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1692.174+/-1817.209 χ^2 /NDF: 4.5/2

asym_sam_26_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2034.541+/-1.778 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2227.293+/-1.860 χ^2/NDF : 8645.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

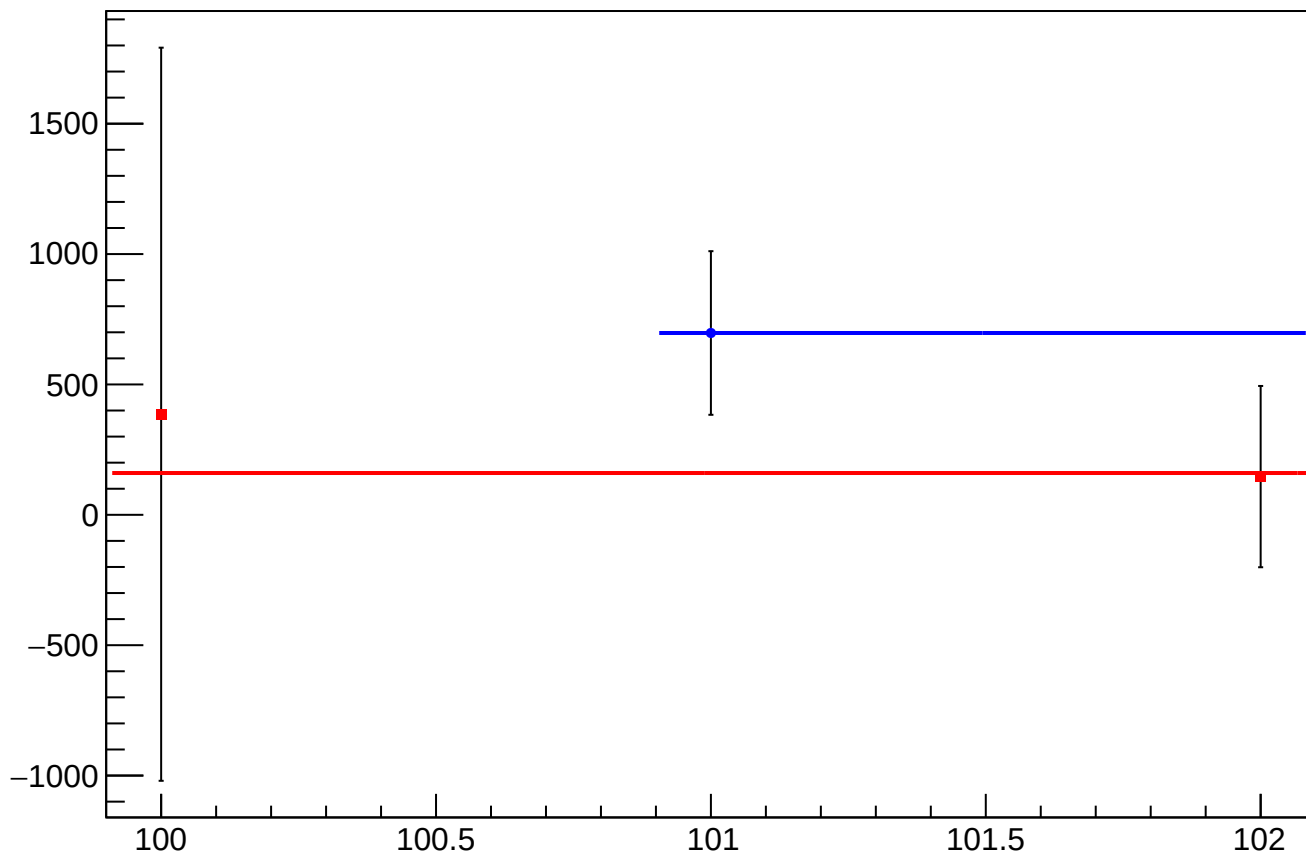
Right: 2126.578+/-1.285 χ^2/NDF : 14259.9/2

In: 2034.541+/-1.778 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2126.578+/-1.285 χ^2/NDF : 14259.9/2

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 697.339 $\pm$ 313.755 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 160.334 $\pm$ 337.456 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

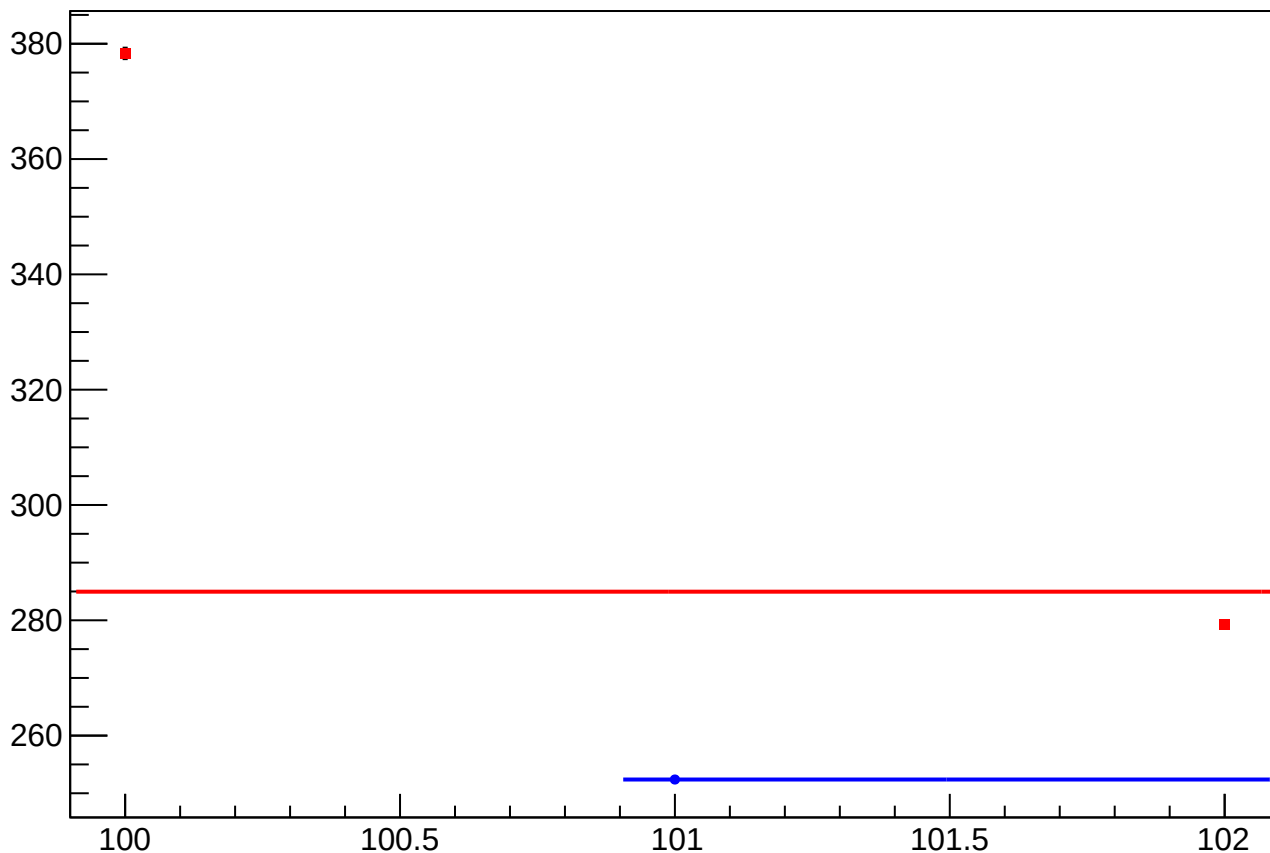
Right: 448.355 $\pm$ 229.781 χ^2 /NDF: 1.4/2

In: 697.339 $\pm$ 313.755 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 448.355 $\pm$ 229.781 χ^2 /NDF: 1.4/2

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 252.383+/-0.222 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 284.963+/-0.239 χ^2/NDF : 9360.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

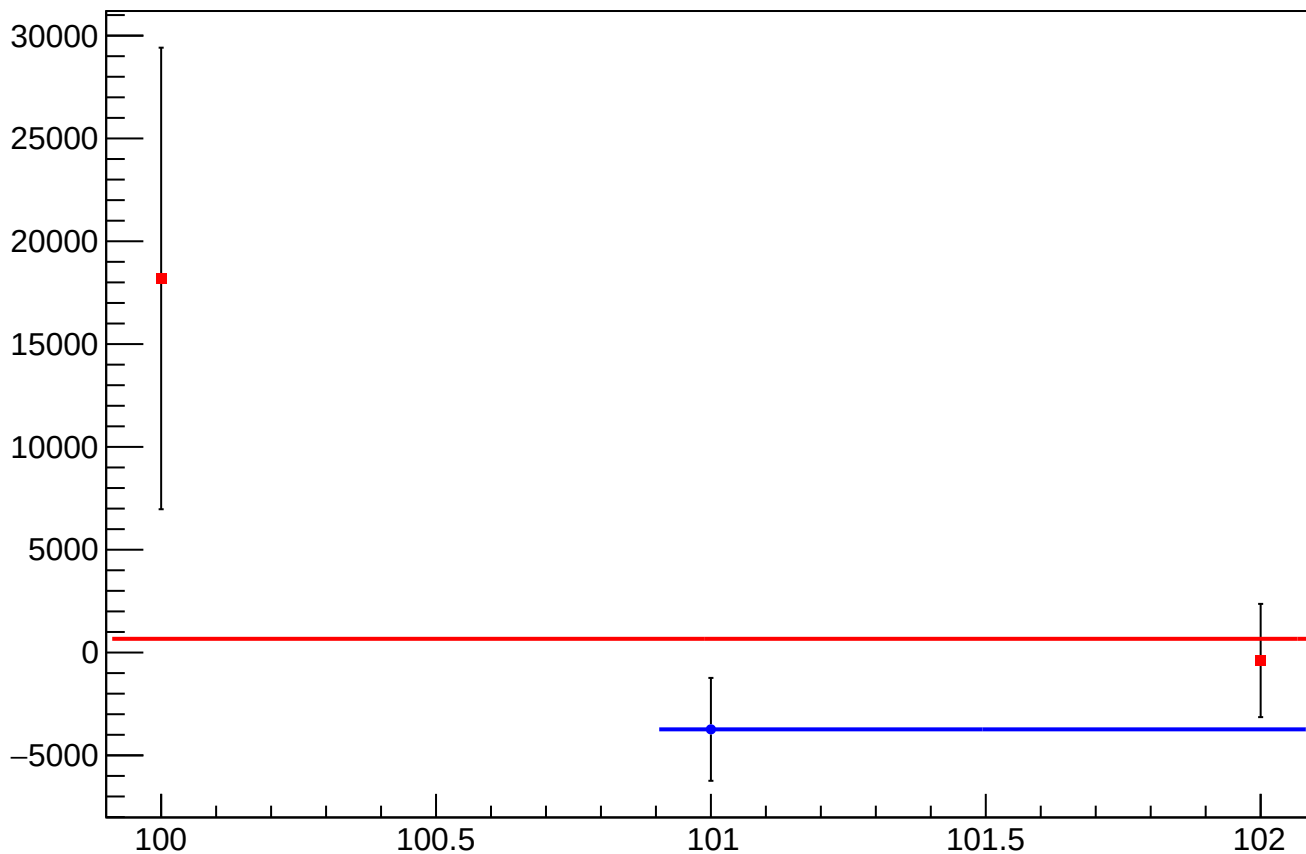
Right: 267.489+/-0.162 χ^2/NDF : 19358.9/2

In: 252.383+/-0.222 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 267.489+/-0.162 χ^2/NDF : 19358.9/2

asym_sam_26_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -3735.588+/-2501.718 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 667.292+/-2674.048 χ^2/NDF : 2.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

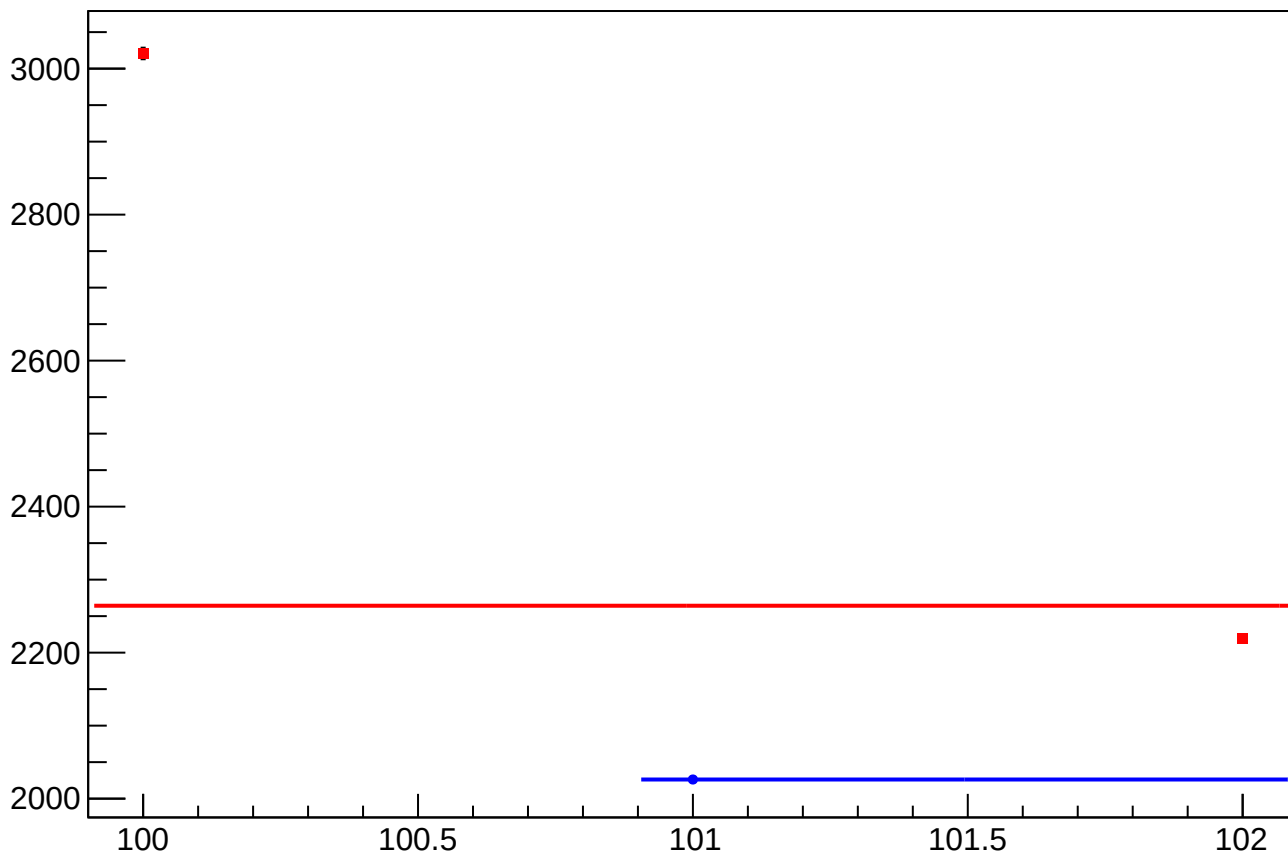
Right: -1680.583+/-1826.868 χ^2/NDF : 4.0/2

In: -3735.588+/-2501.718 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1680.583+/-1826.868 χ^2/NDF : 4.0/2

asym_sam_26_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2026.214+/-1.769 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2264.254+/-1.891 χ^2/NDF : 9634.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

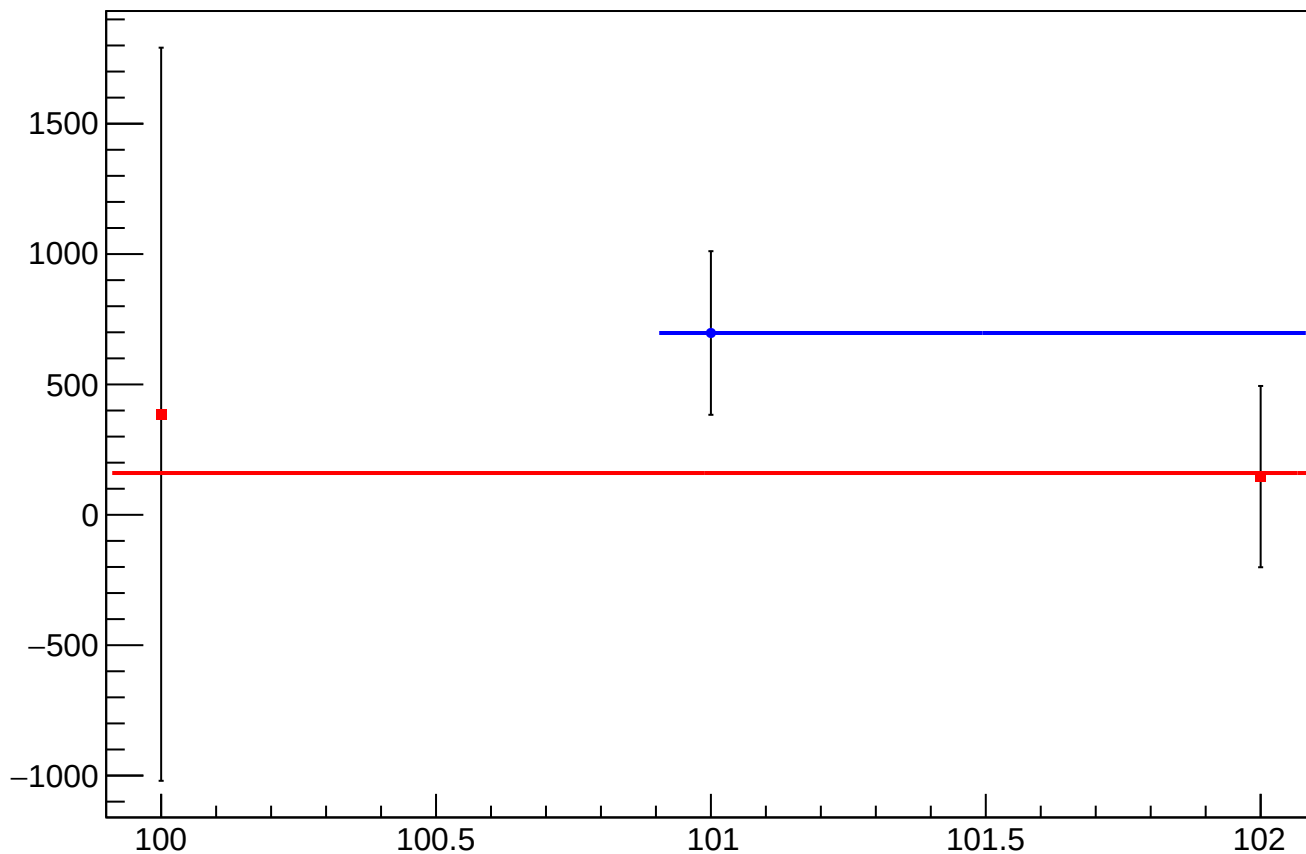
Right: 2137.317+/-1.292 χ^2/NDF : 18086.1/2

In: 2026.214+/-1.769 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2137.317+/-1.292 χ^2/NDF : 18086.1/2

eigen_dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 697.338 $\pm$ 313.755 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 160.332 $\pm$ 337.455 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

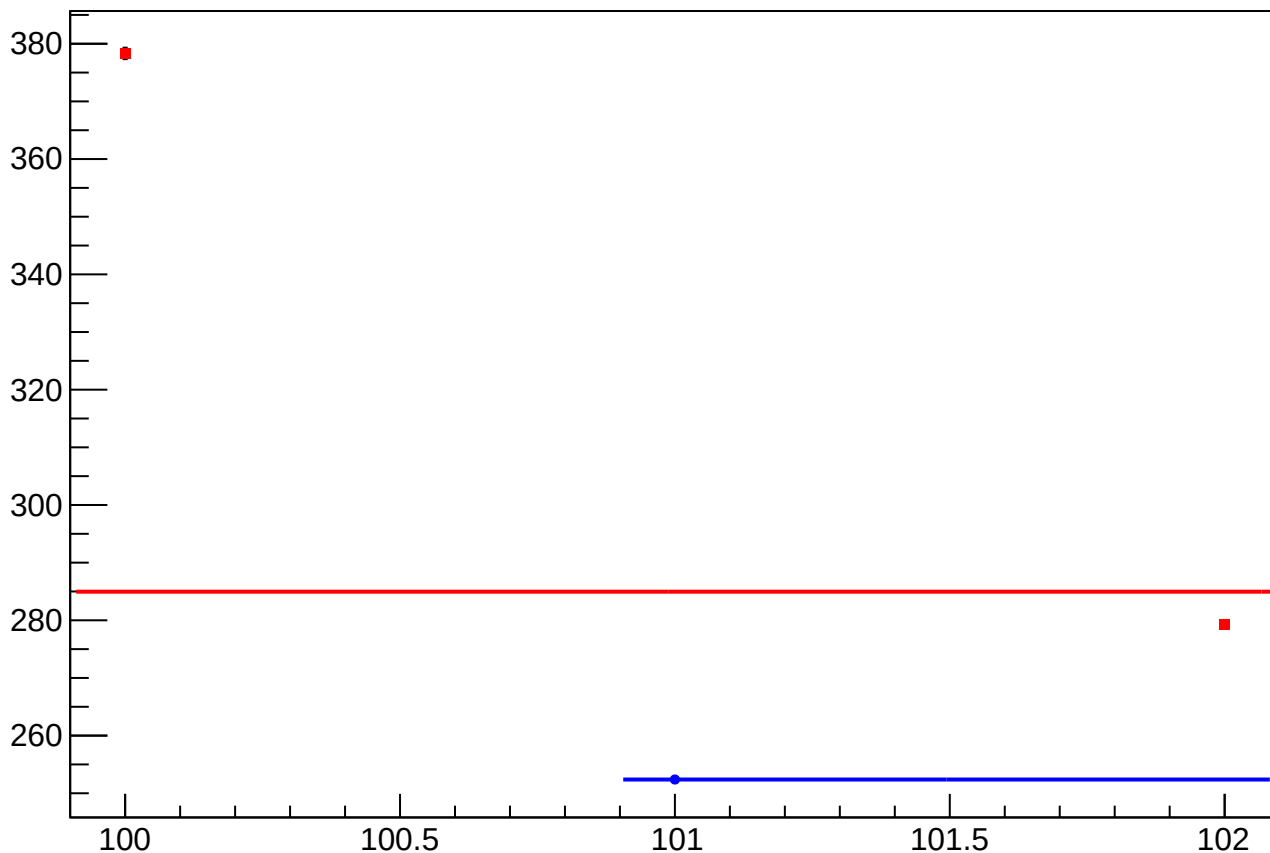
Right: 448.353 $\pm$ 229.780 χ^2 /NDF: 1.4/2

In: 697.338 $\pm$ 313.755 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 448.353 $\pm$ 229.780 χ^2 /NDF: 1.4/2

eigen_dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 252.384 $\pm$ 0.222 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 284.962 $\pm$ 0.239 χ^2 /NDF: 9360.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

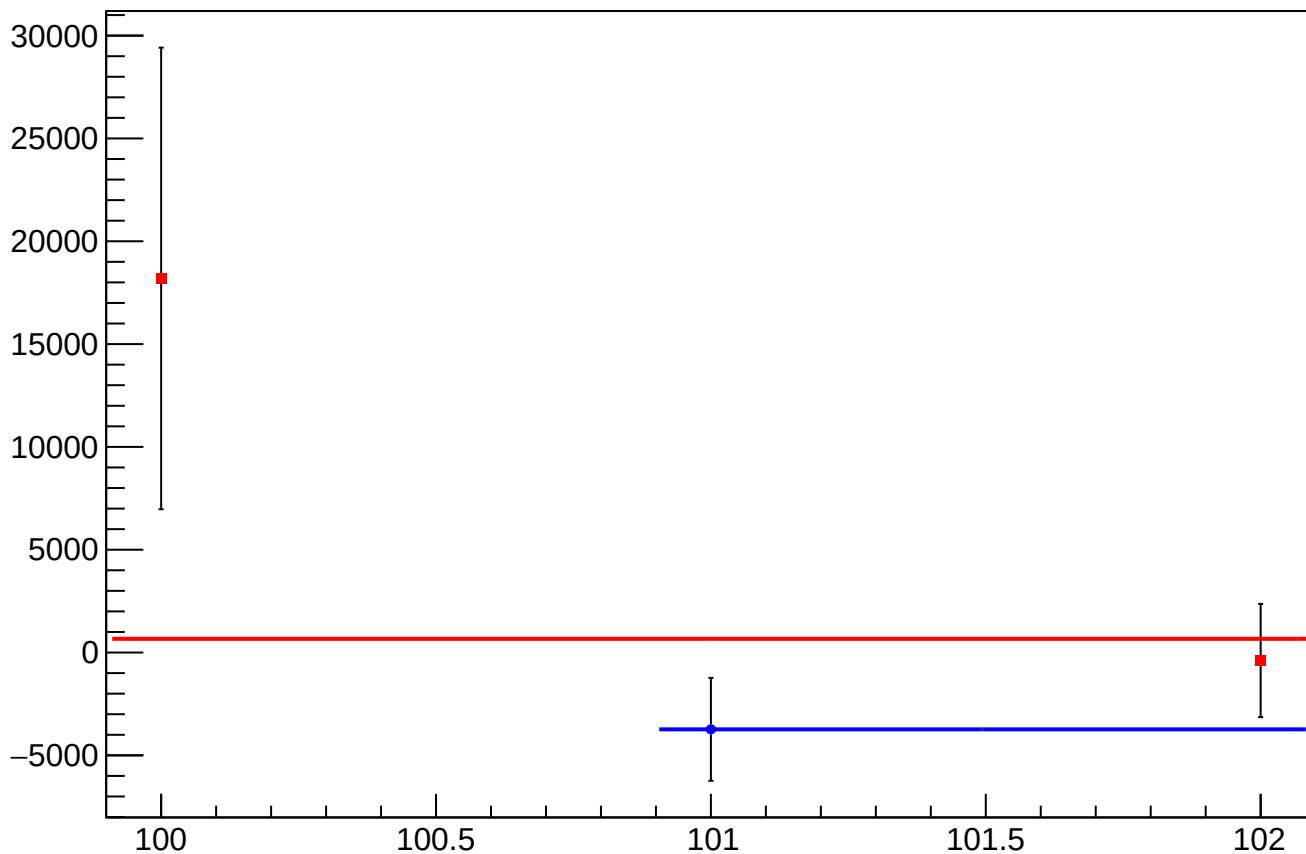
Right: 267.489 $\pm$ 0.162 χ^2 /NDF: 19358.4/2

In: 252.384 $\pm$ 0.222 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 267.489 $\pm$ 0.162 χ^2 /NDF: 19358.4/2

asym_sam_26_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -3735.590+/-2501.716 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 667.284+/-2674.039 χ^2/NDF : 2.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

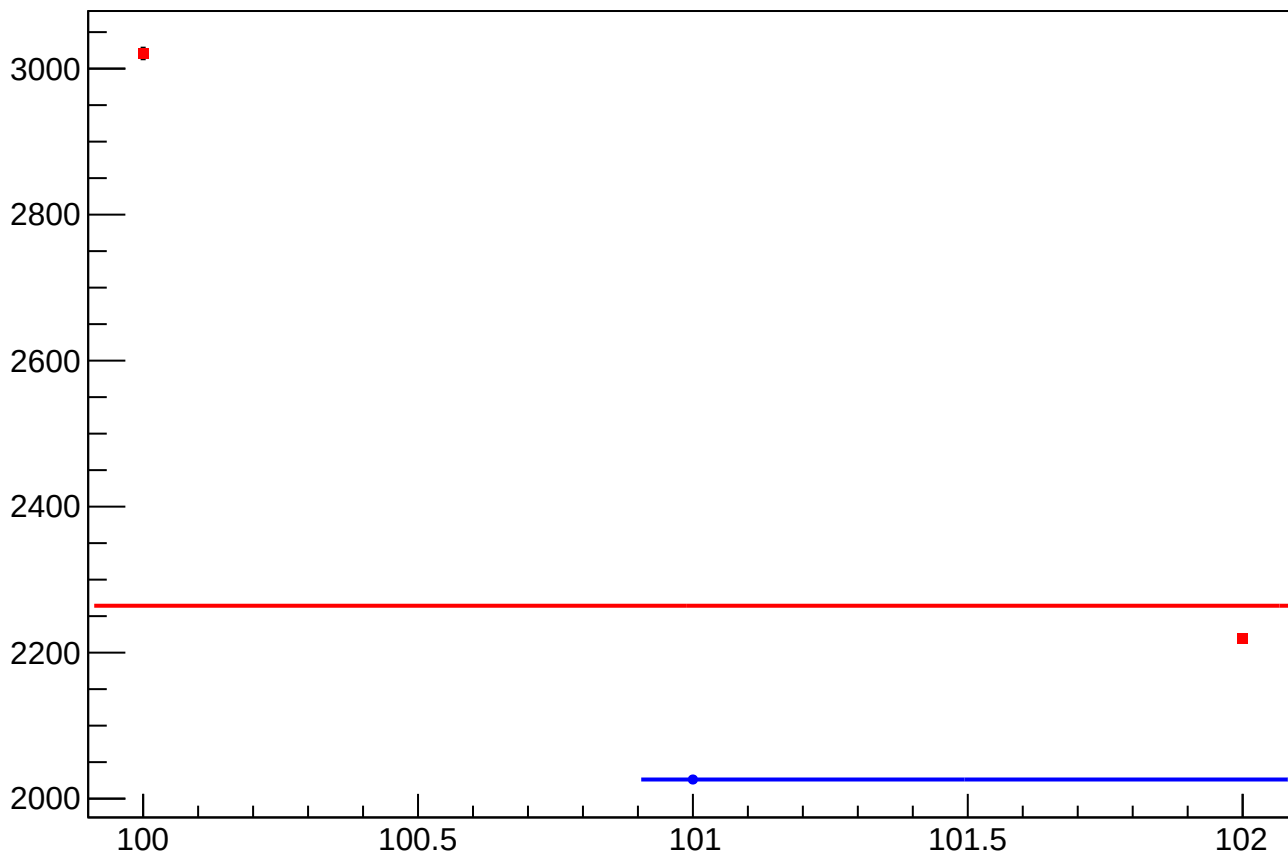
Right: -1680.581+/-1826.865 χ^2/NDF : 4.0/2

In: -3735.590+/-2501.716 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1680.581+/-1826.865 χ^2/NDF : 4.0/2

asym_sam_26_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2026.213 $\pm$ 1.769 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2264.246 $\pm$ 1.891 χ^2 /NDF: 9634.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

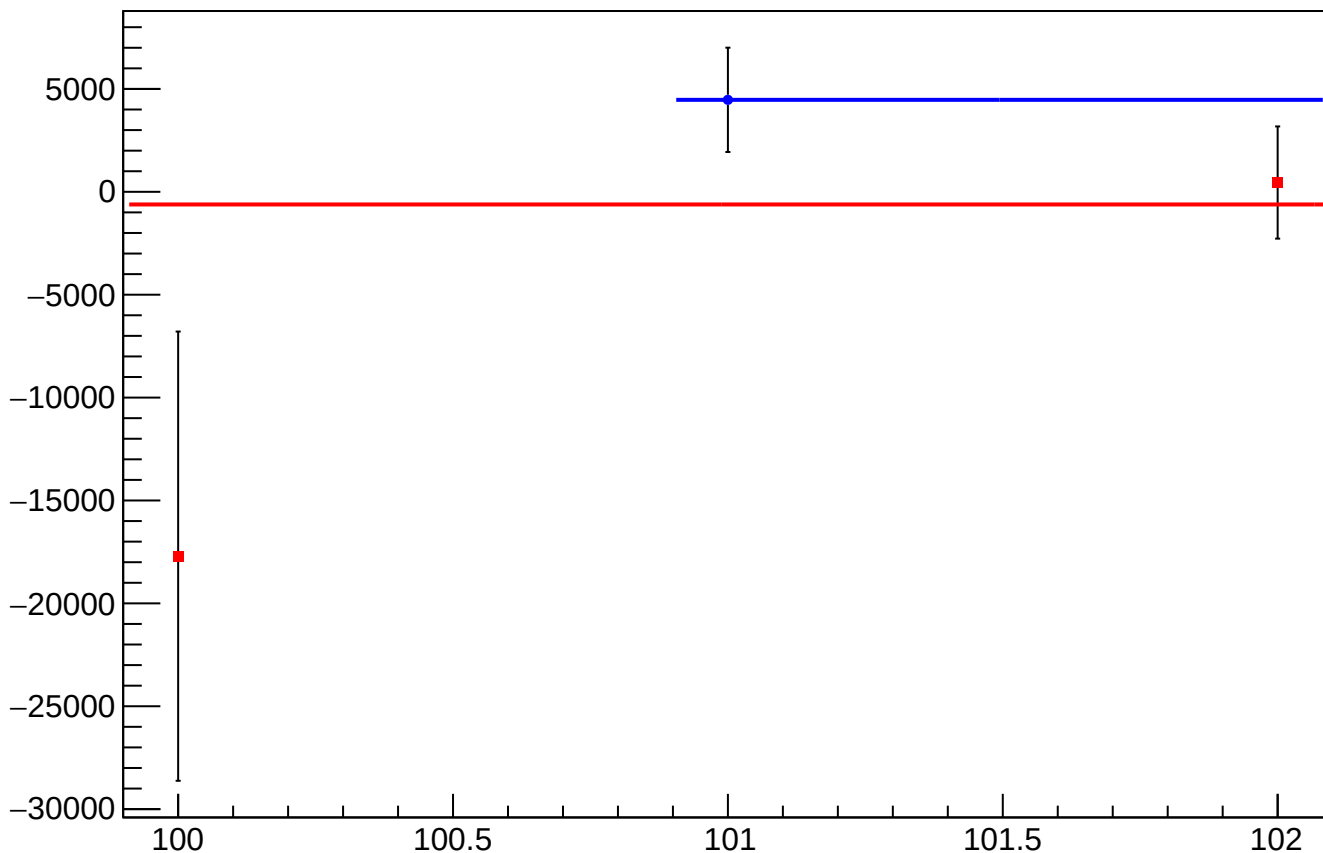
Right: 2137.313 $\pm$ 1.292 χ^2 /NDF: 18085.8/2

In: 2026.213 $\pm$ 1.769 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2137.313 $\pm$ 1.292 χ^2 /NDF: 18085.8/2

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 4469.798+/-2535.291 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -614.528+/-2644.814 χ^2/NDF : 2.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

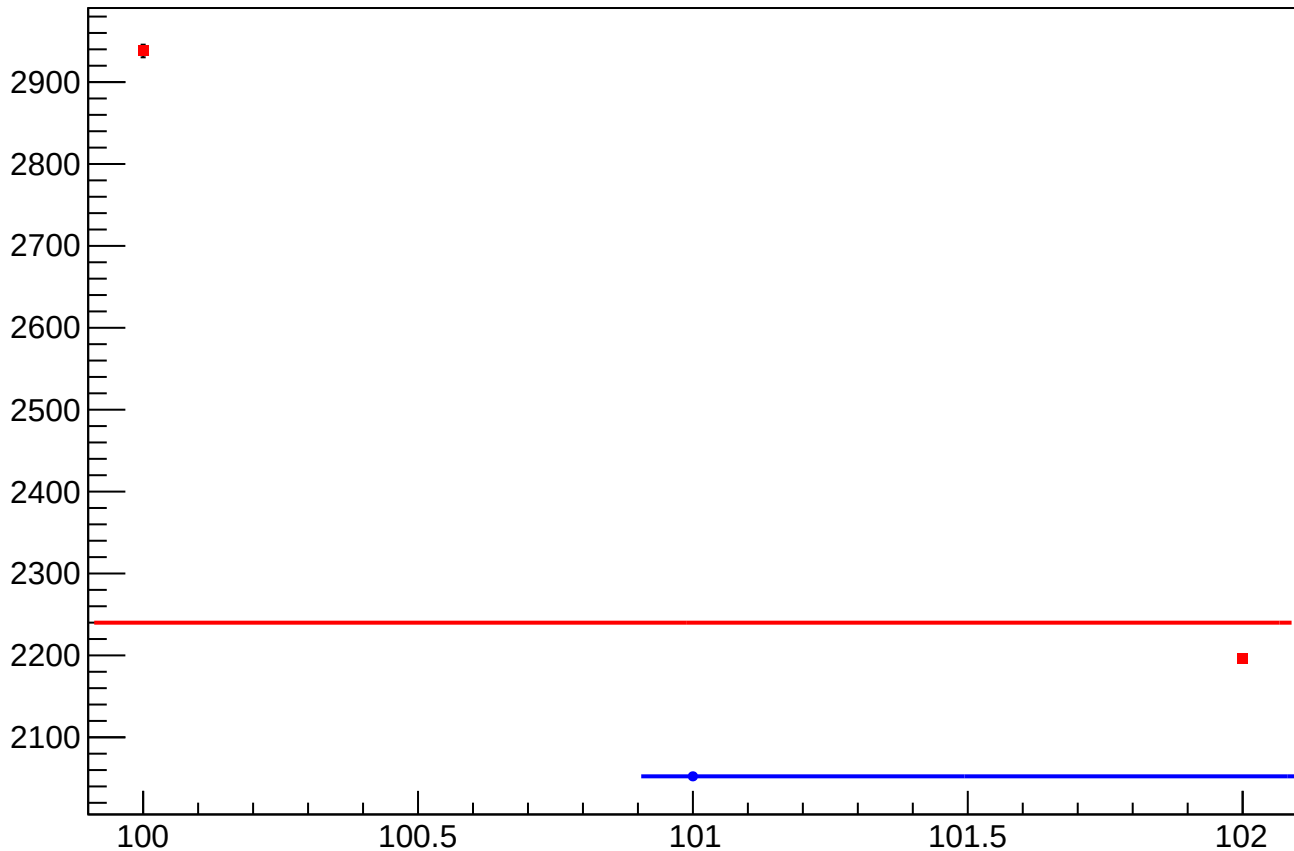
Right: 2035.086+/-1830.216 χ^2/NDF : 4.5/2

In: 4469.798+/-2535.291 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2035.086+/-1830.216 χ^2/NDF : 4.5/2

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 2052.343 $\pm$ 1.793 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2239.952 $\pm$ 1.870 χ^2 /NDF: 8687.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

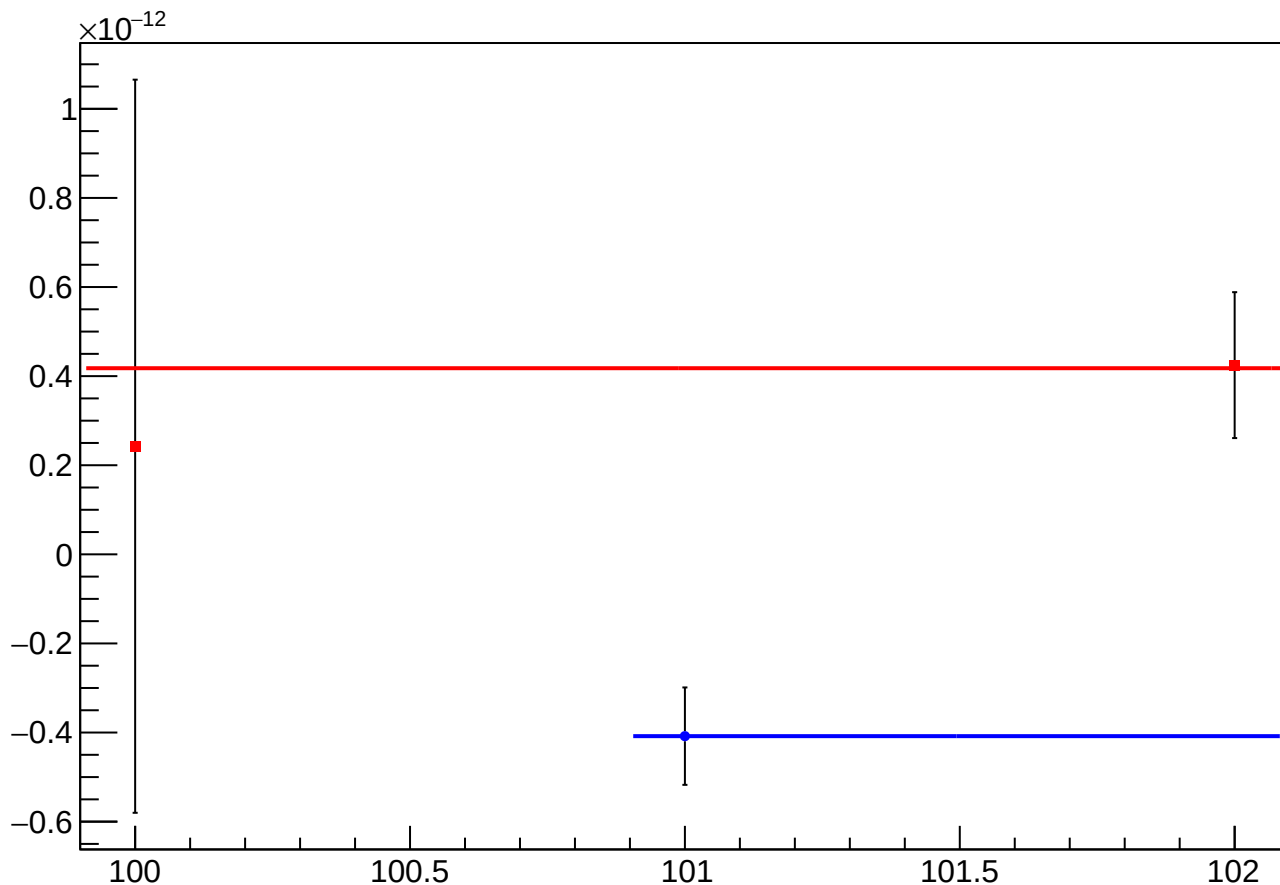
Right: 2142.183 $\pm$ 1.294 χ^2 /NDF: 13932.3/2

In: 2052.343 $\pm$ 1.793 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2142.183 $\pm$ 1.294 χ^2 /NDF: 13932.3/2

asym_sam_26_avg_reg_vs_cor_diff_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 : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

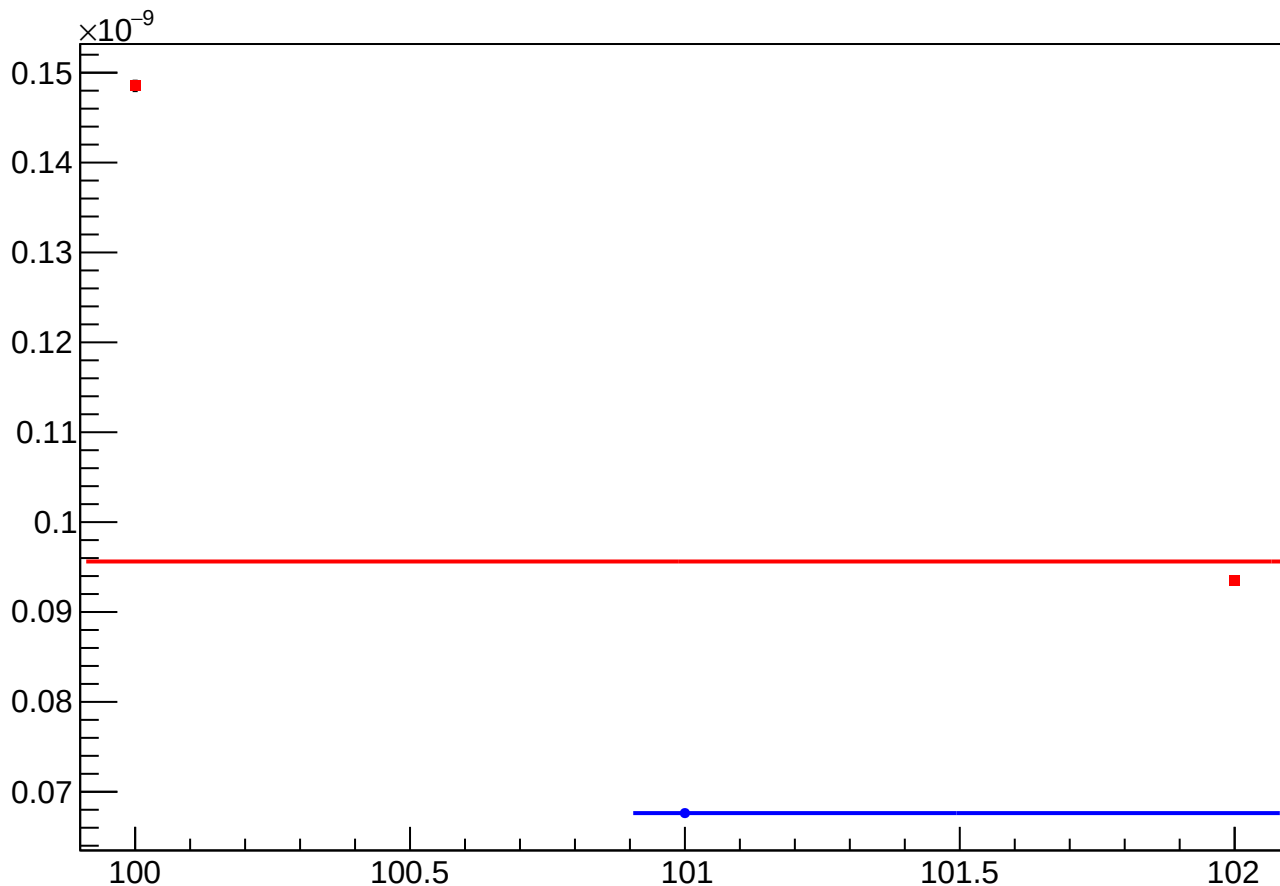
Right: -0.000+/-0.000 χ^2/NDF : 18.1/2

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 : 18.1/2

asym_sam_26_avg_reg_vs_cor_diff_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 : 8597.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

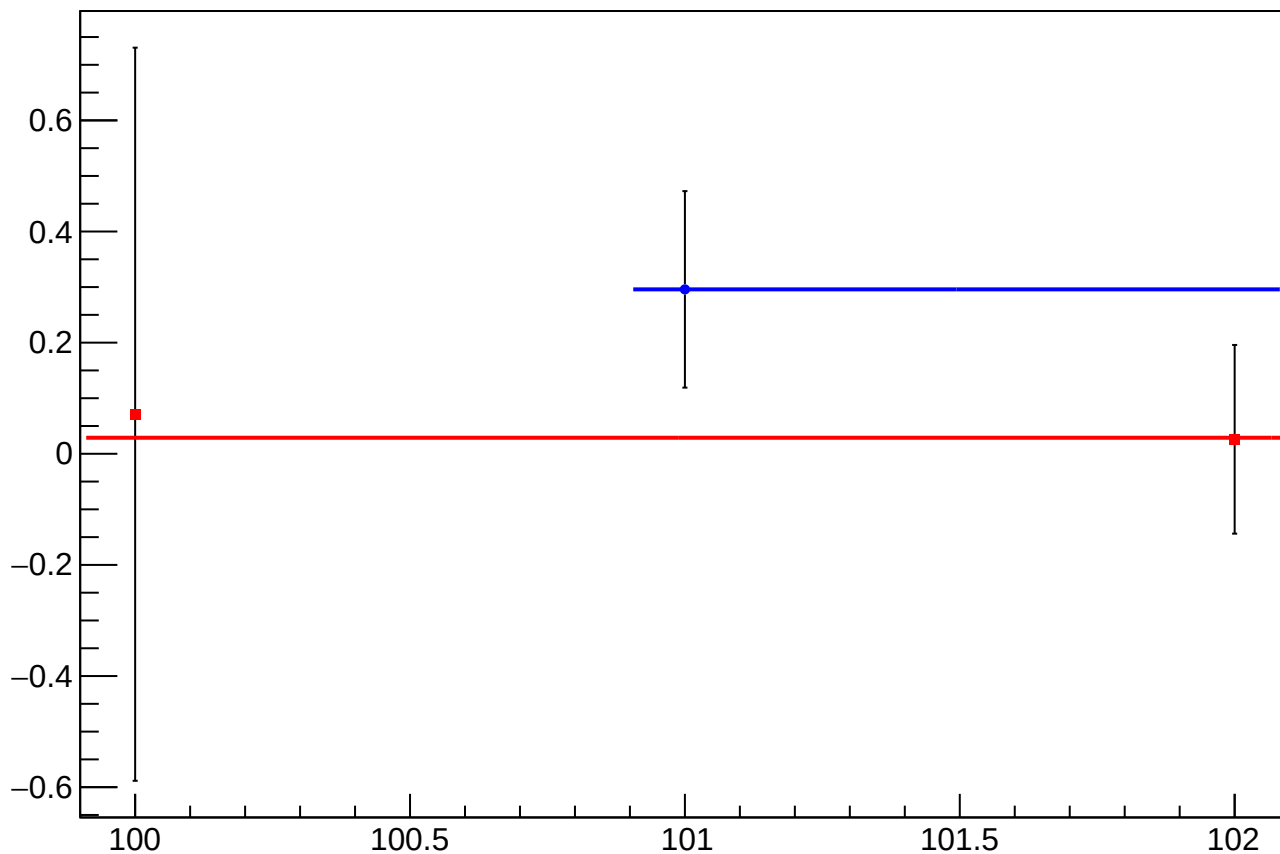
Right: 0.000+/-0.000 χ^2/NDF : 50120.0/2

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 : 50120.0/2

asym_sam_26_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.296 $\pm$ 0.177 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.029 $\pm$ 0.164 χ^2/NDF : 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

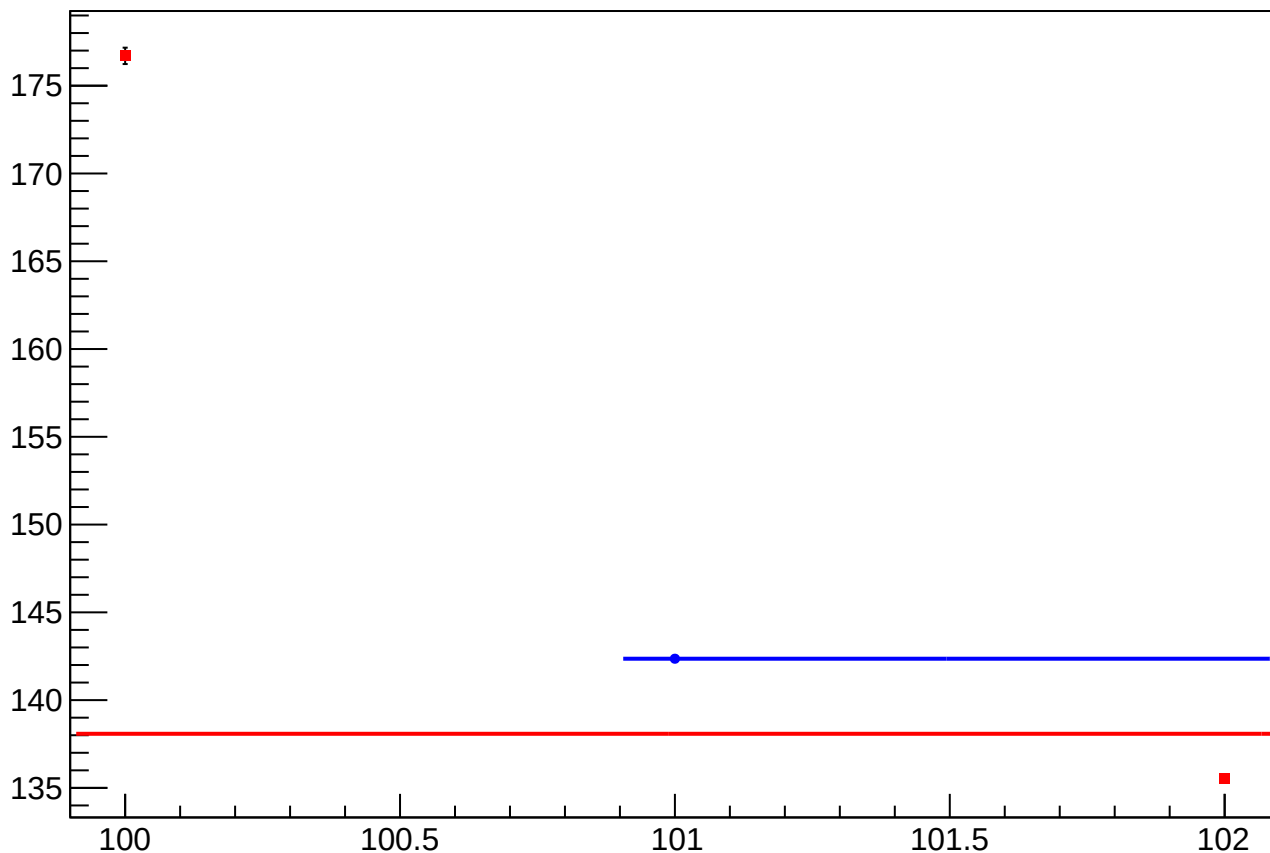
Right: 0.153 $\pm$ 0.120 χ^2/NDF : 1.2/2

In: 0.296 $\pm$ 0.177 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.153 $\pm$ 0.120 χ^2/NDF : 1.2/2

asym_sam_26_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.358 $\pm$ 0.125 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 138.082 $\pm$ 0.116 χ^2 /NDF: 7307.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

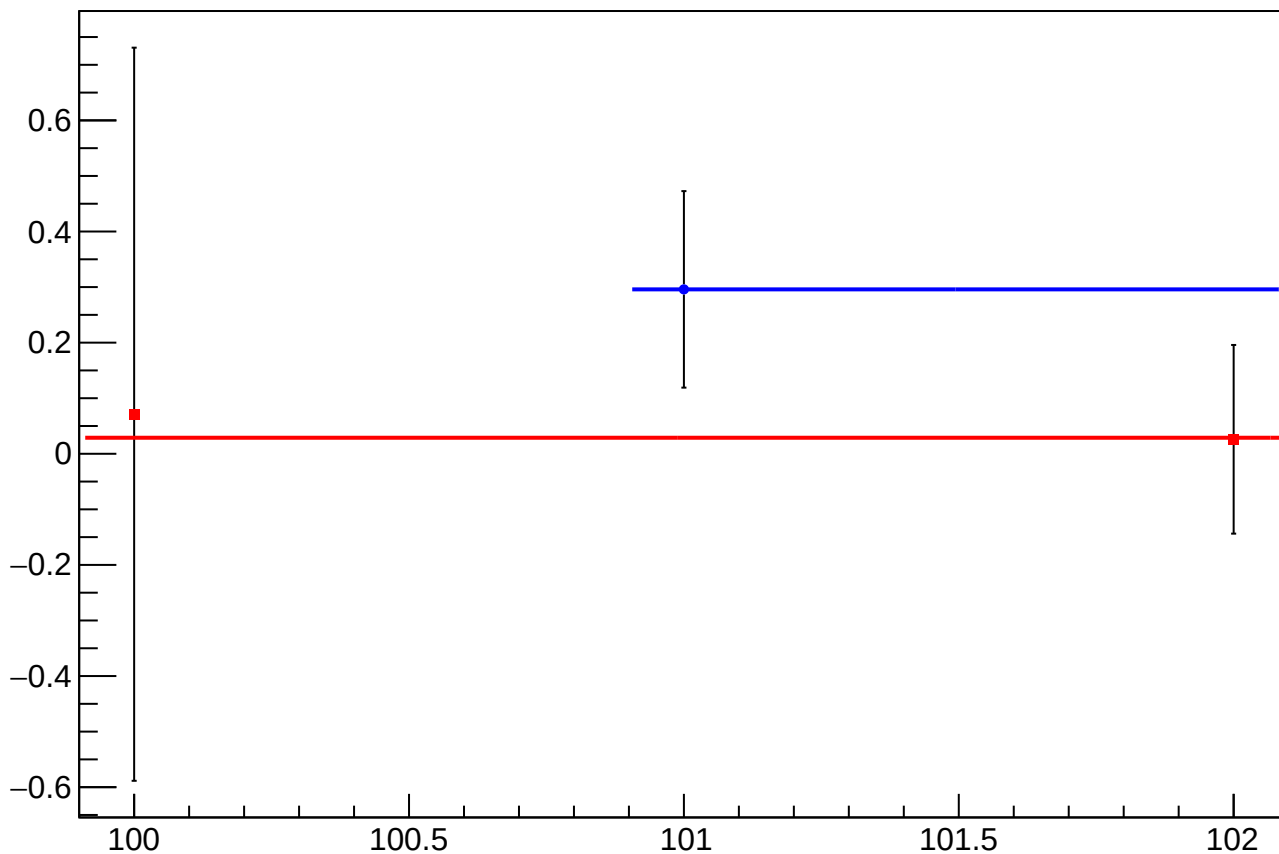
Right: 140.065 $\pm$ 0.085 χ^2 /NDF: 7935.0/2

In: 142.358 $\pm$ 0.125 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 140.065 $\pm$ 0.085 χ^2 /NDF: 7935.0/2

asym_sam_26_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.296 $\pm$ 0.177 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.029 $\pm$ 0.164 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

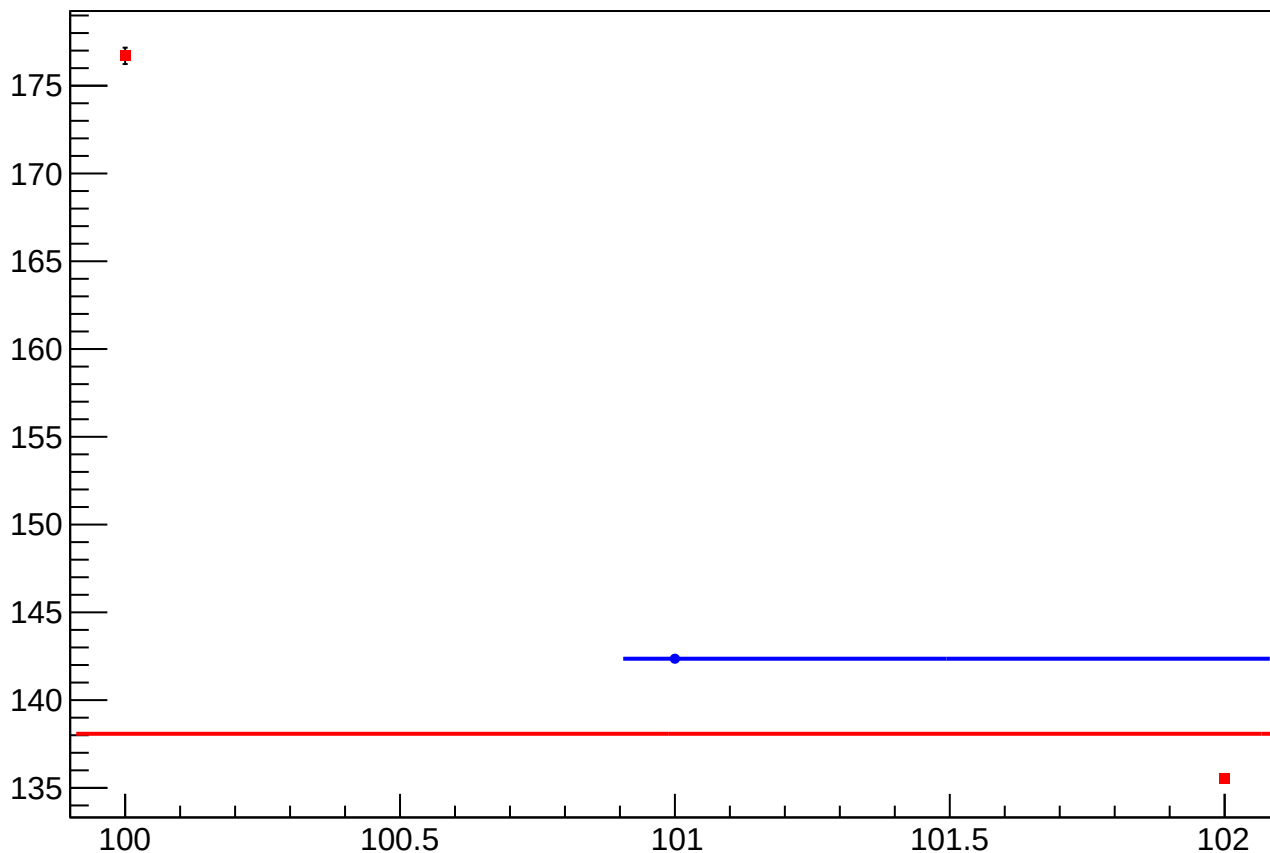
Right: 0.153 $\pm$ 0.120 χ^2 /NDF: 1.2/2

In: 0.296 $\pm$ 0.177 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.153 $\pm$ 0.120 χ^2 /NDF: 1.2/2

asym_sam_26_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.358 $\pm$ 0.125 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 138.082 $\pm$ 0.116 χ^2 /NDF: 7307.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

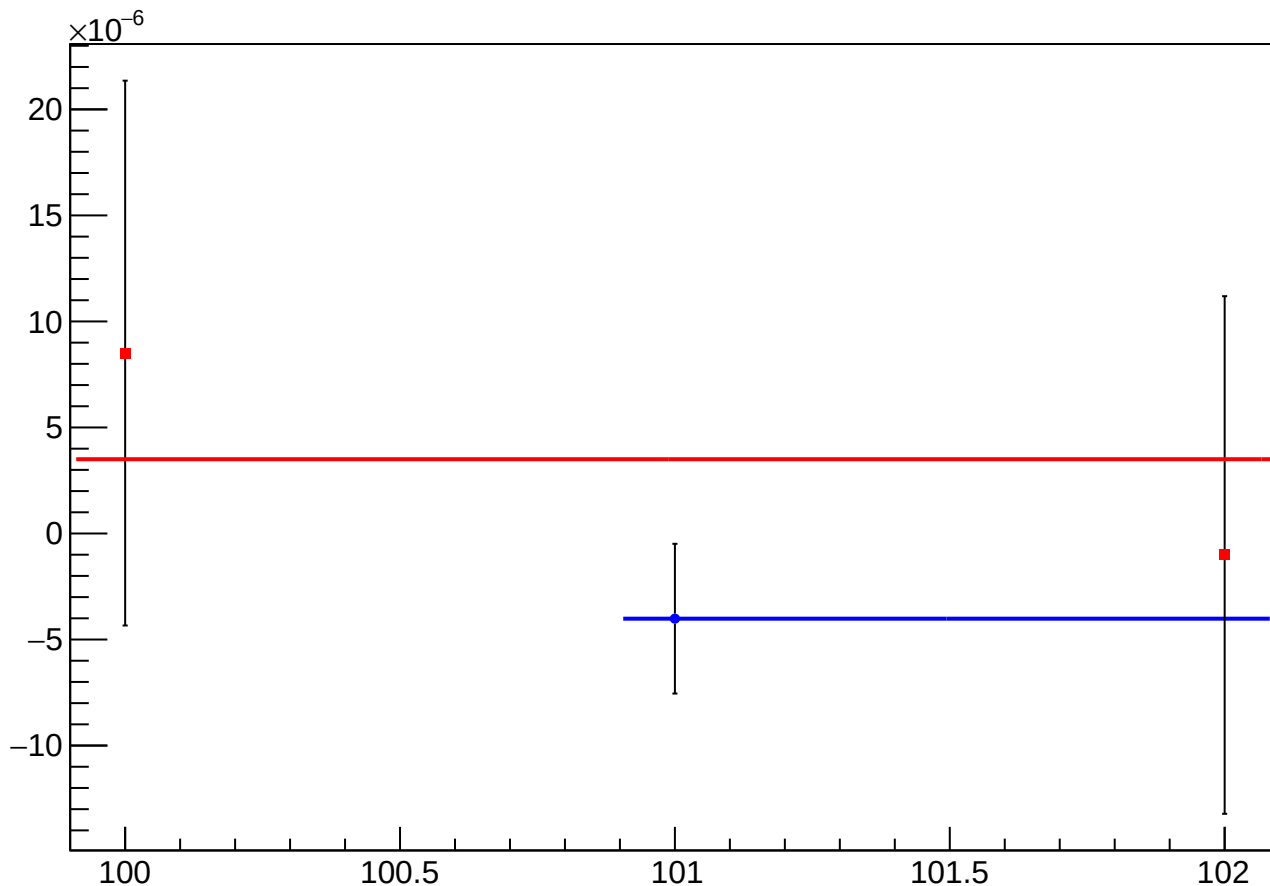
Right: 140.065 $\pm$ 0.085 χ^2 /NDF: 7935.0/2

In: 142.358 $\pm$ 0.125 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 140.065 $\pm$ 0.085 χ^2 /NDF: 7935.0/2

asym_sam_26_avg_eigen_dit_vs_dit_diff_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 : 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

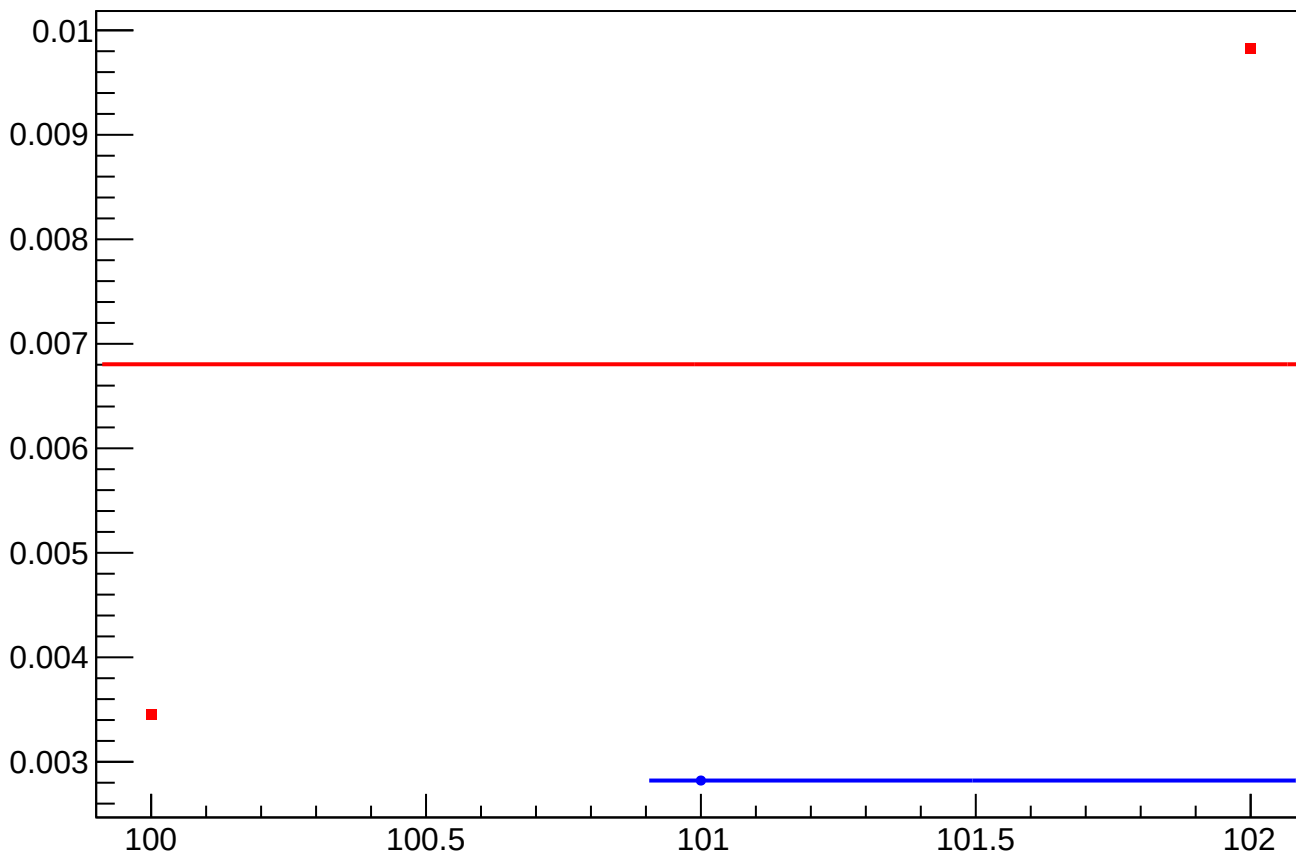
Right: -0.000+/-0.000 χ^2/NDF : 0.9/2

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 : 0.9/2

asym_sam_26_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 258306.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

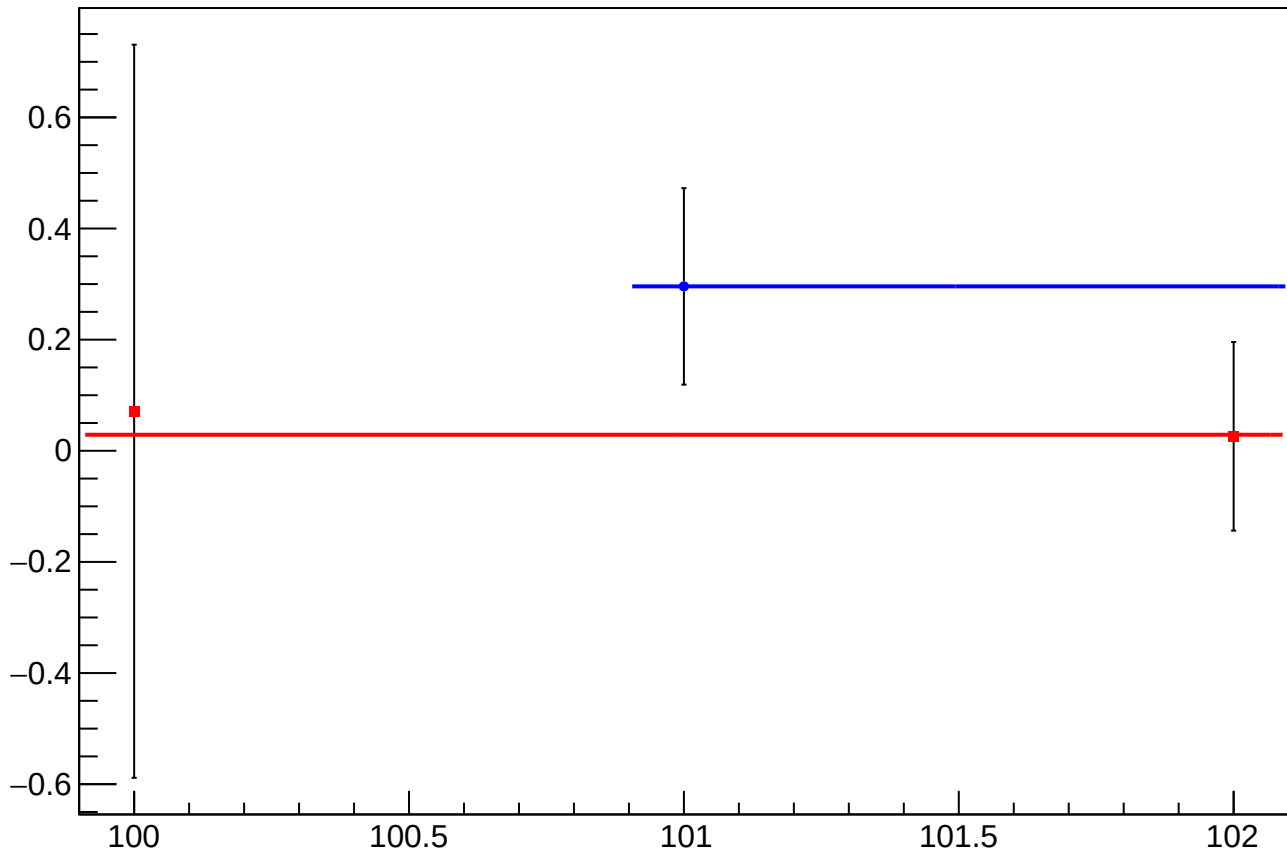
Right: 0.003+/-0.000 χ^2/NDF : 607984.2/2

In: 0.003+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 607984.2/2

asym_sam_26_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.296 $\pm$ 0.177 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.029 $\pm$ 0.164 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

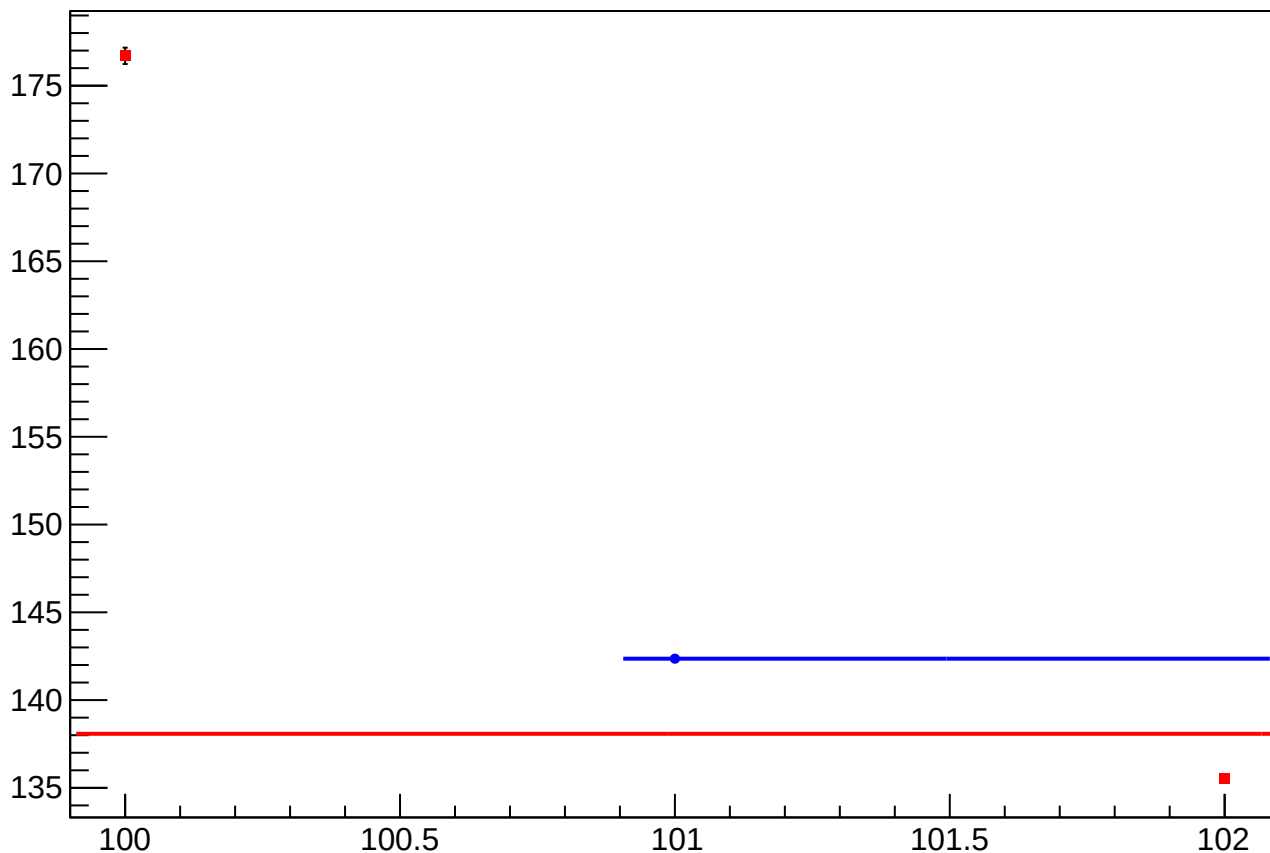
Right: 0.153 $\pm$ 0.120 χ^2 /NDF: 1.2/2

In: 0.296 $\pm$ 0.177 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.153 $\pm$ 0.120 χ^2 /NDF: 1.2/2

asym_sam_26_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.359+/-0.125 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 138.080+/-0.116 χ^2/NDF : 7308.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

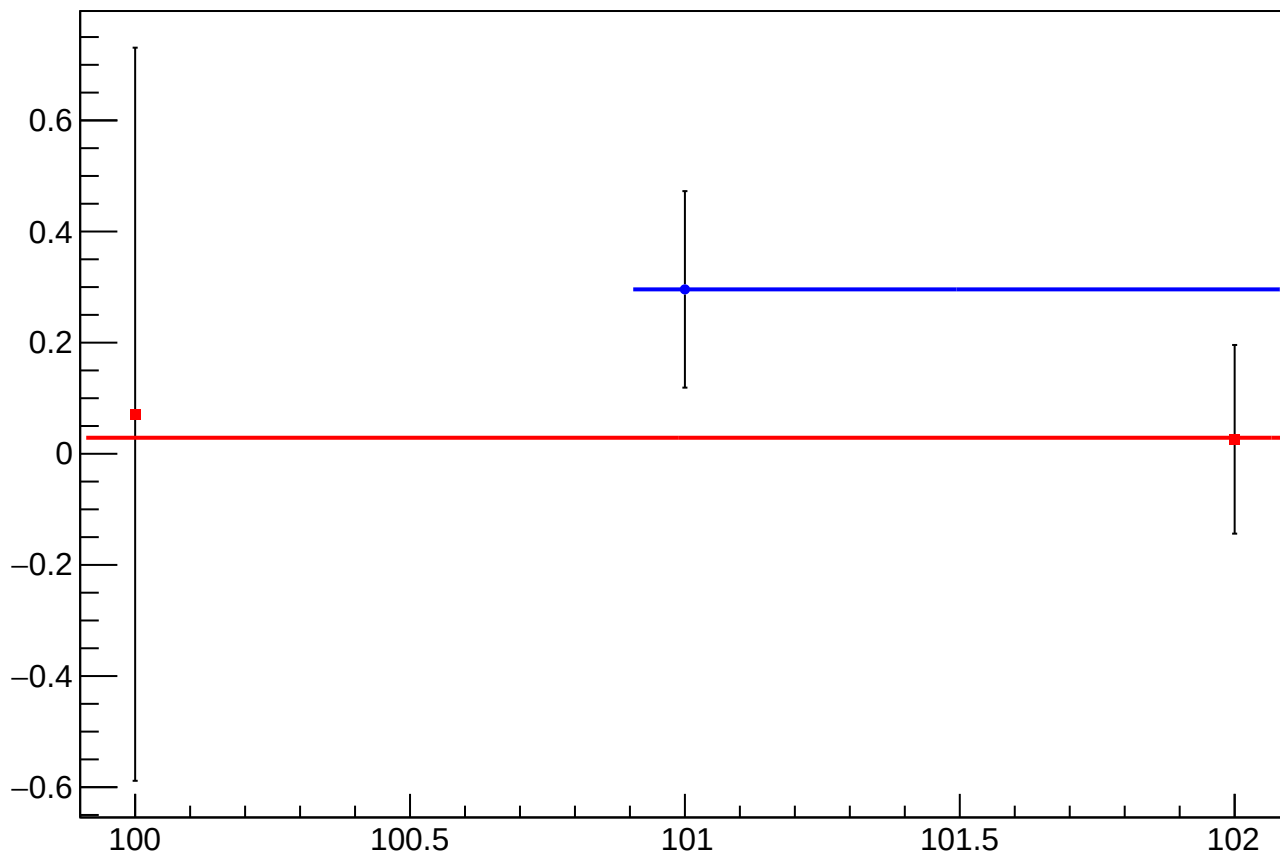
Right: 140.064+/-0.085 χ^2/NDF : 7936.5/2

In: 142.359+/-0.125 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.064+/-0.085 χ^2/NDF : 7936.5/2

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.296+/-0.177 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.029+/-0.164 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

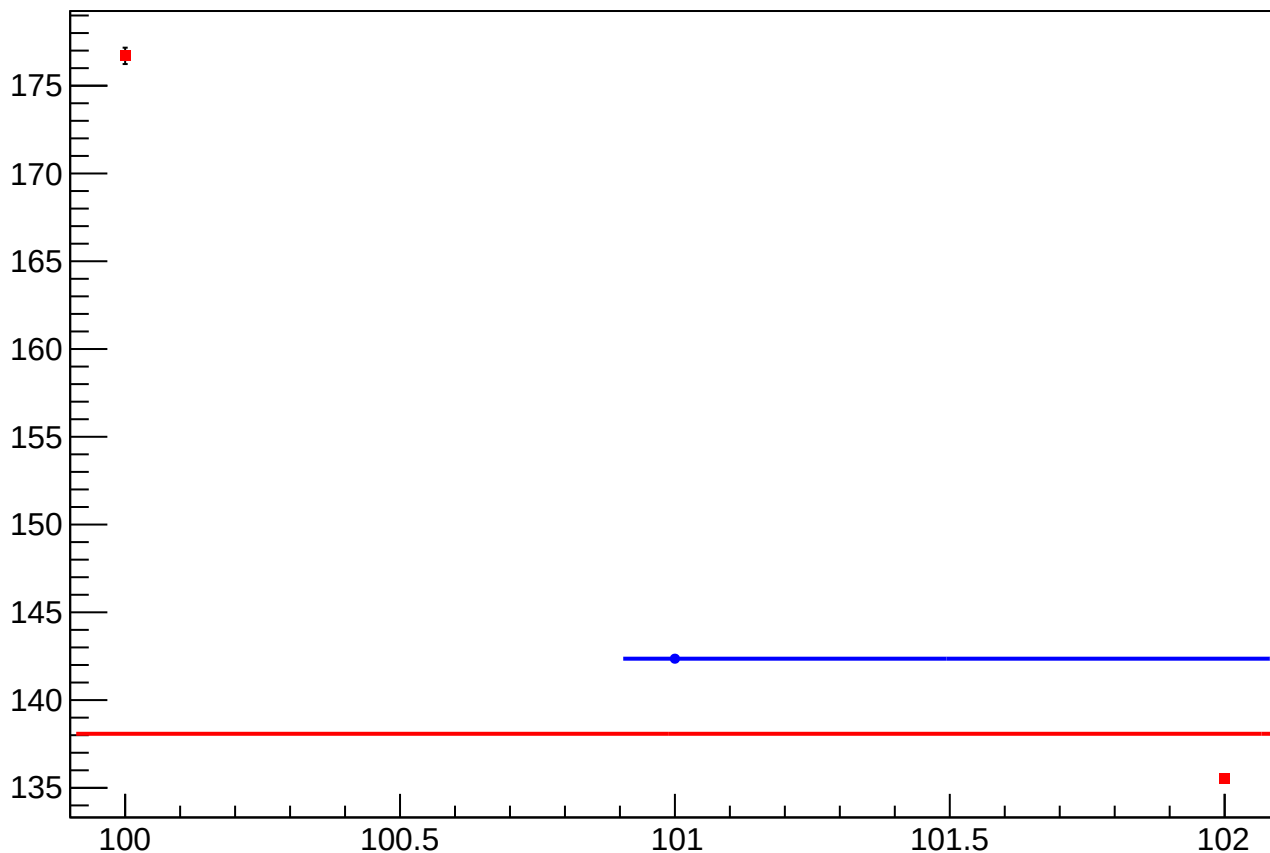
Right: 0.153+/-0.120 χ^2/NDF : 1.2/2

In: 0.296+/-0.177 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.153+/-0.120 χ^2/NDF : 1.2/2

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.359 $\pm$ 0.125 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 138.080 $\pm$ 0.116 χ^2 /NDF: 7308.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

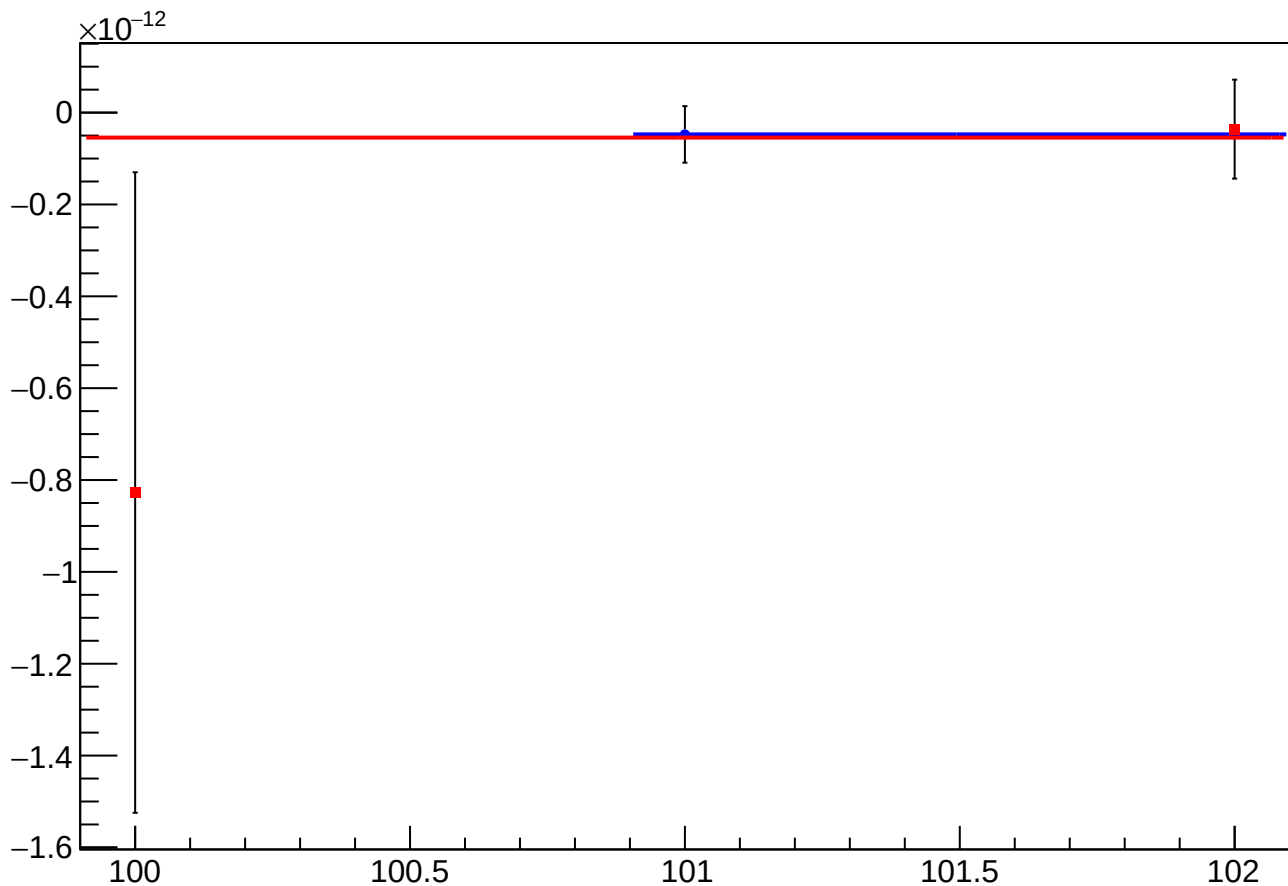
Right: 140.064 $\pm$ 0.085 χ^2 /NDF: 7936.5/2

In: 142.359 $\pm$ 0.125 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 140.064 $\pm$ 0.085 χ^2 /NDF: 7936.5/2

asym_sam_26_avg_eigen_cor_vs_cor_diff_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: 1.3/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

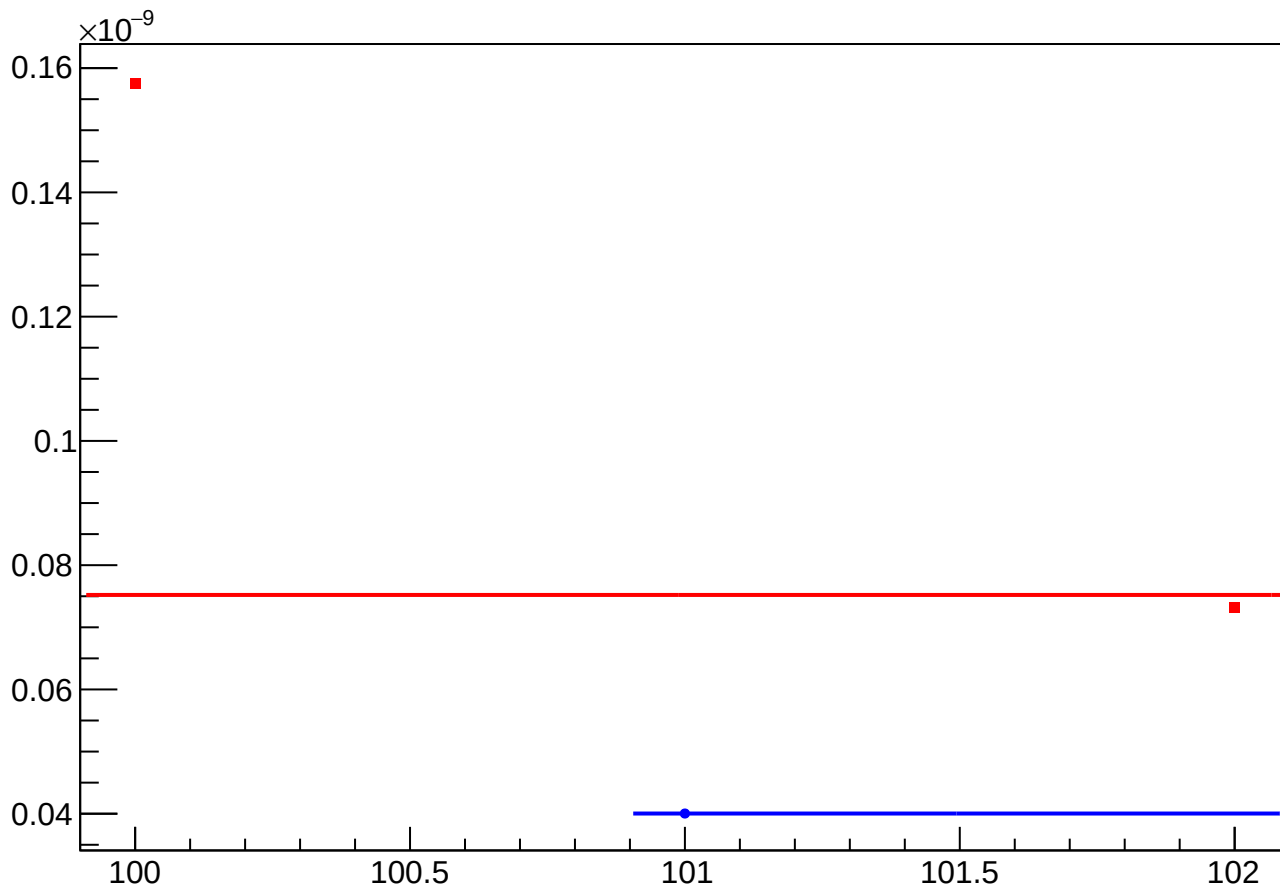
Right: -0.000+/-0.000 χ^2 /NDF: 1.3/2

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: 1.3/2

asym_sam_26_avg_eigen_cor_vs_cor_diff_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 : 28507.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

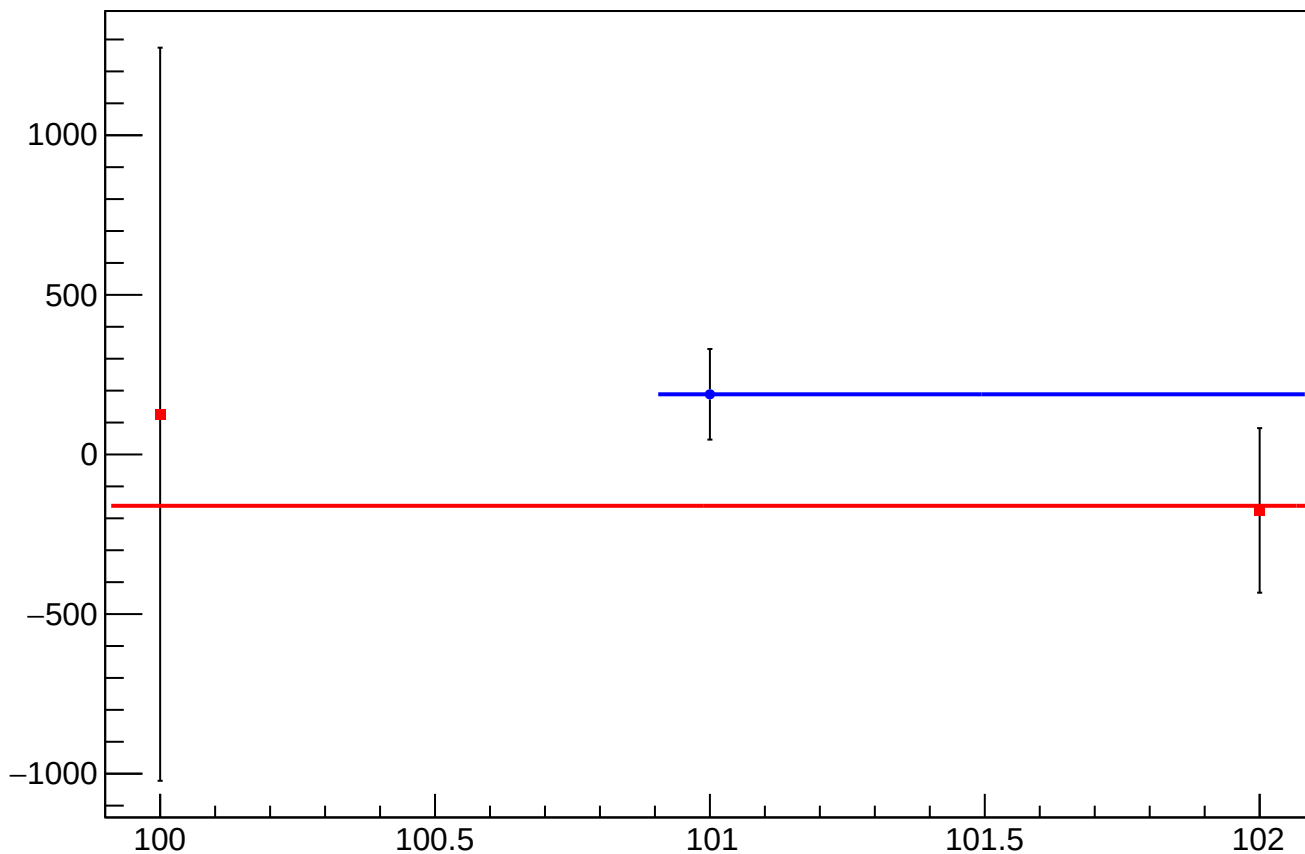
Right: 0.000+/-0.000 χ^2/NDF : 192301.5/2

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 : 192301.5/2

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 188.496 $\pm$ 141.944 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -160.785 $\pm$ 251.508 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

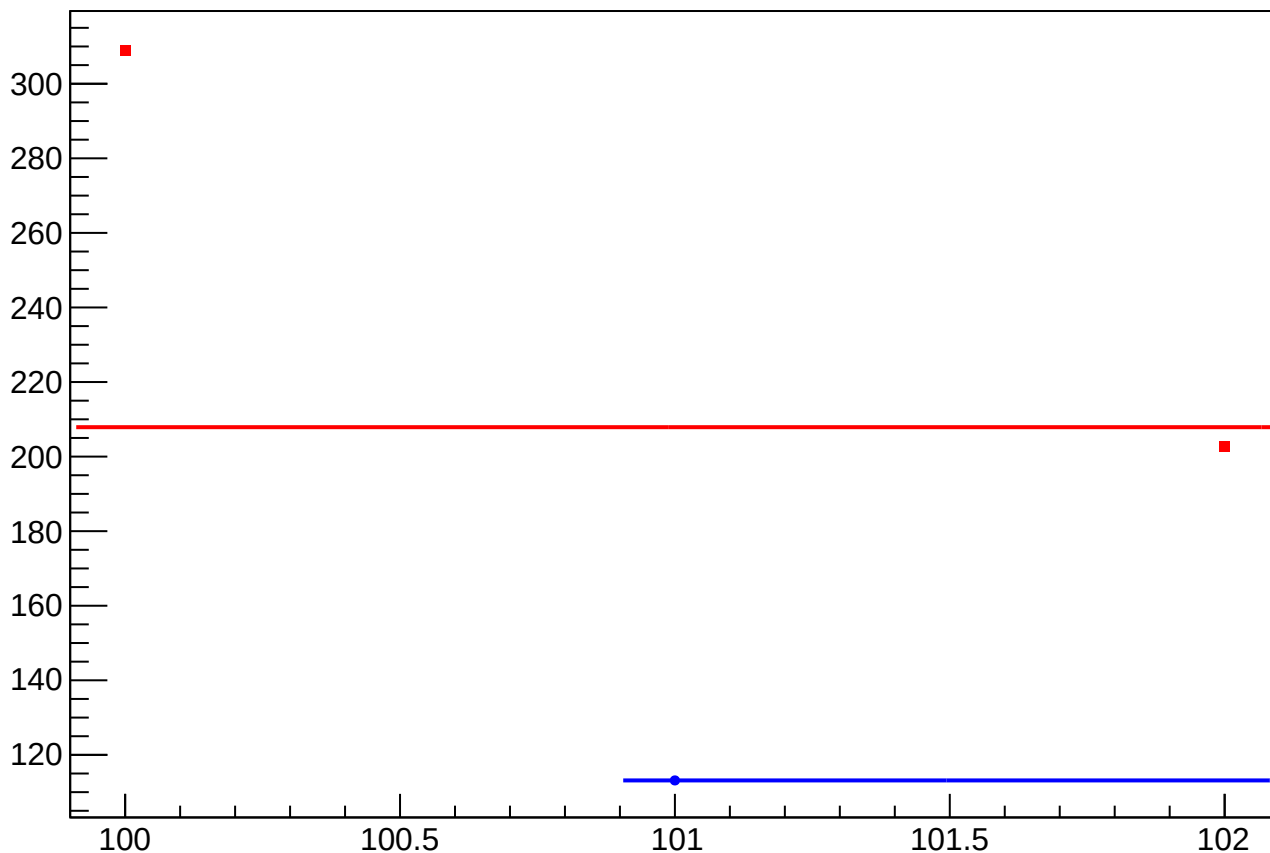
Right: 104.119 $\pm$ 123.616 χ^2 /NDF: 1.5/2

In: 188.496 $\pm$ 141.944 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 104.119 $\pm$ 123.616 χ^2 /NDF: 1.5/2

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 113.145 $\pm$ 0.100 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 207.890 $\pm$ 0.178 χ^2 /NDF: 16245.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

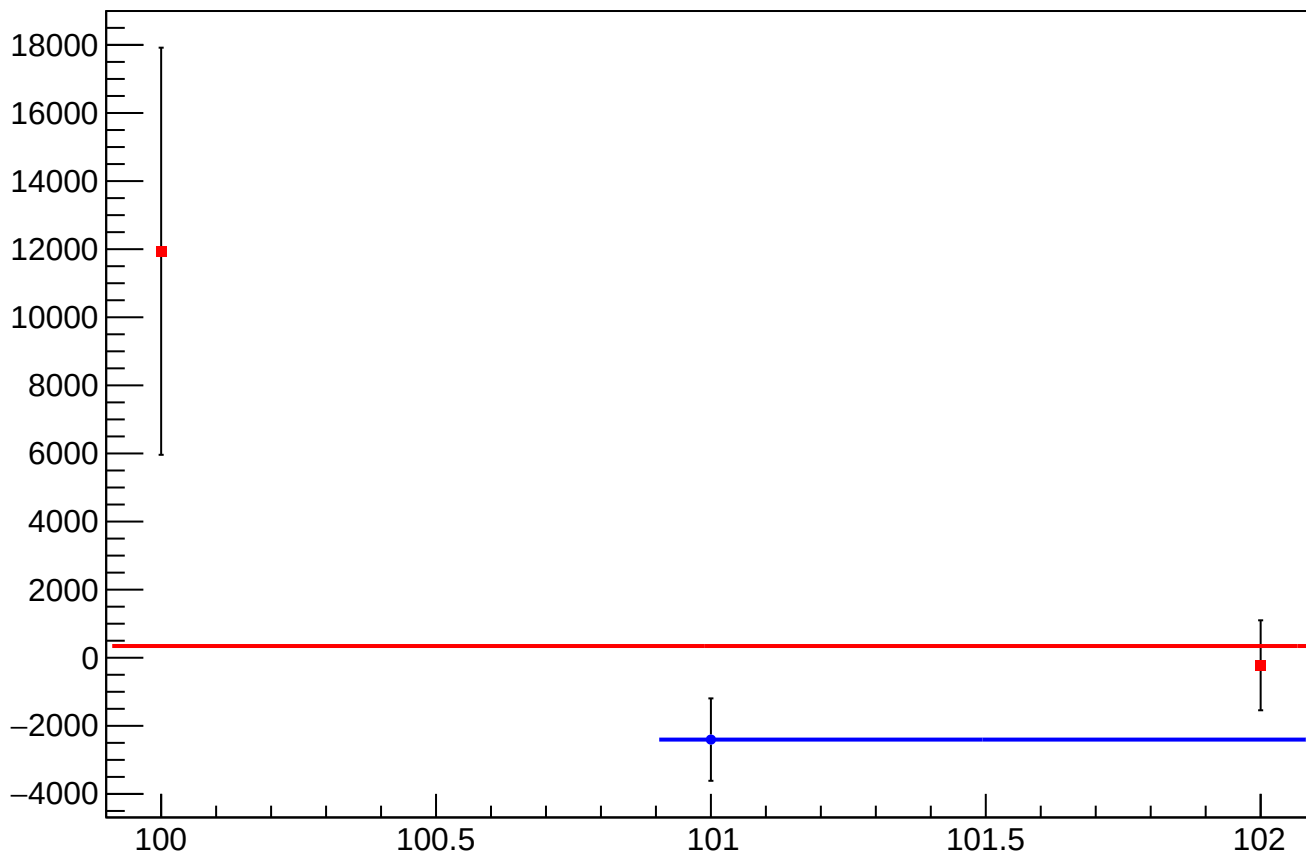
Right: 136.033 $\pm$ 0.087 χ^2 /NDF: 231501.4/2

In: 113.145 $\pm$ 0.100 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 136.033 $\pm$ 0.087 χ^2 /NDF: 231501.4/2

asym_sam_37_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -2404.009+/-1210.260 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 344.419+/-1290.176 χ^2/NDF : 3.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

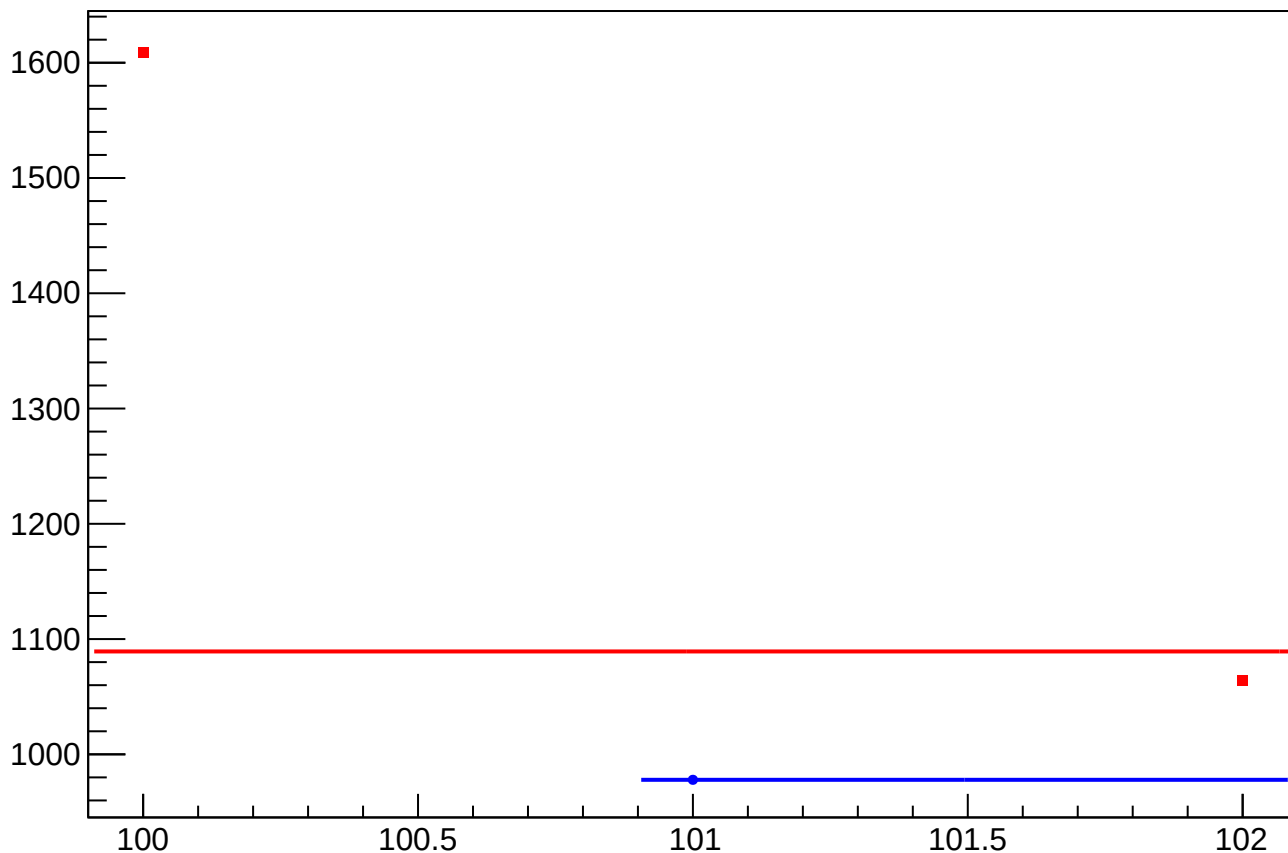
Right: -1117.547+/-882.684 χ^2/NDF : 6.4/2

In: -2404.009+/-1210.260 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1117.547+/-882.684 χ^2/NDF : 6.4/2

asym_sam_37_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 977.900 $\pm$ 0.856 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1089.258 $\pm$ 0.912 χ^2 /NDF: 15840.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

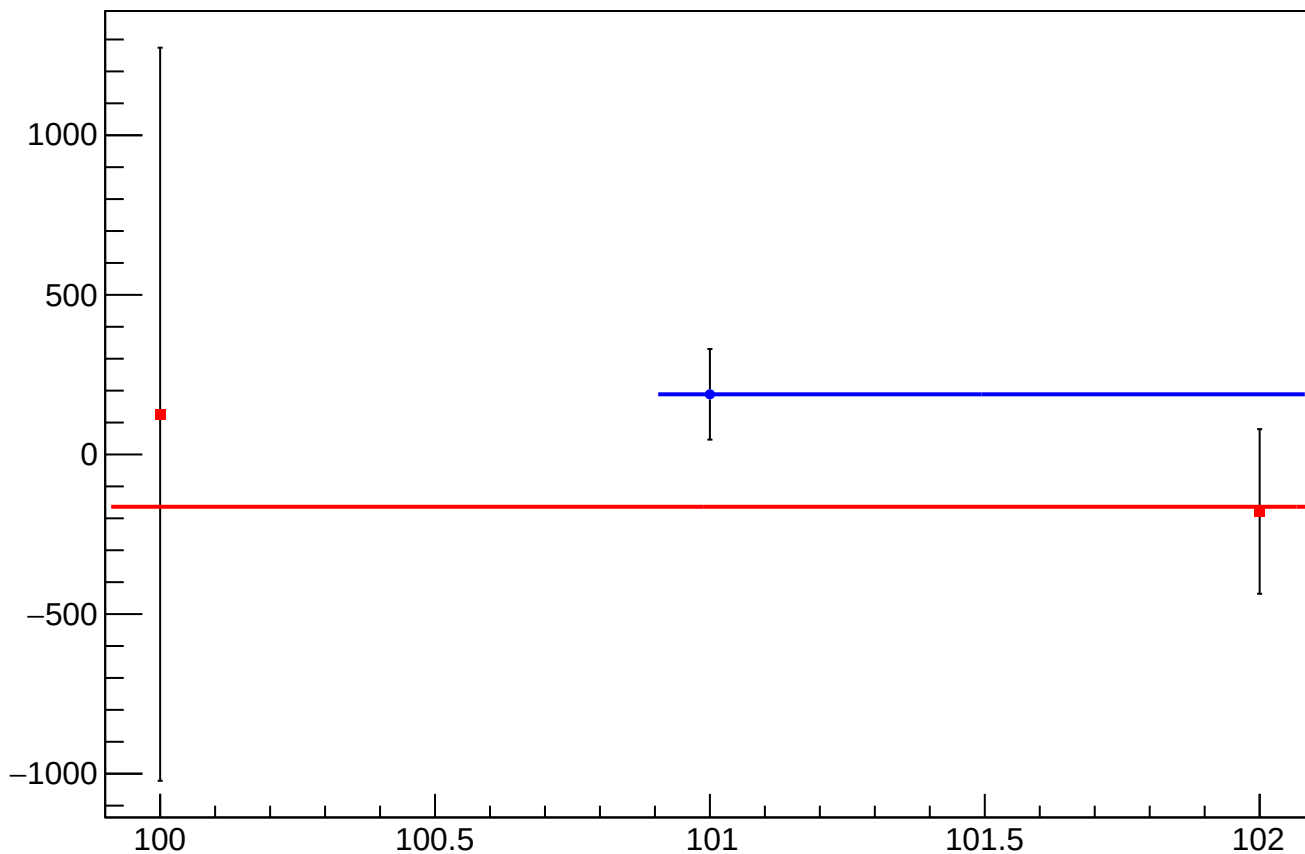
Right: 1030.024 $\pm$ 0.624 χ^2 /NDF: 23765.8/2

In: 977.900 $\pm$ 0.856 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1030.024 $\pm$ 0.624 χ^2 /NDF: 23765.8/2

cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 188.487+/-141.944 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -163.828+/-251.620 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

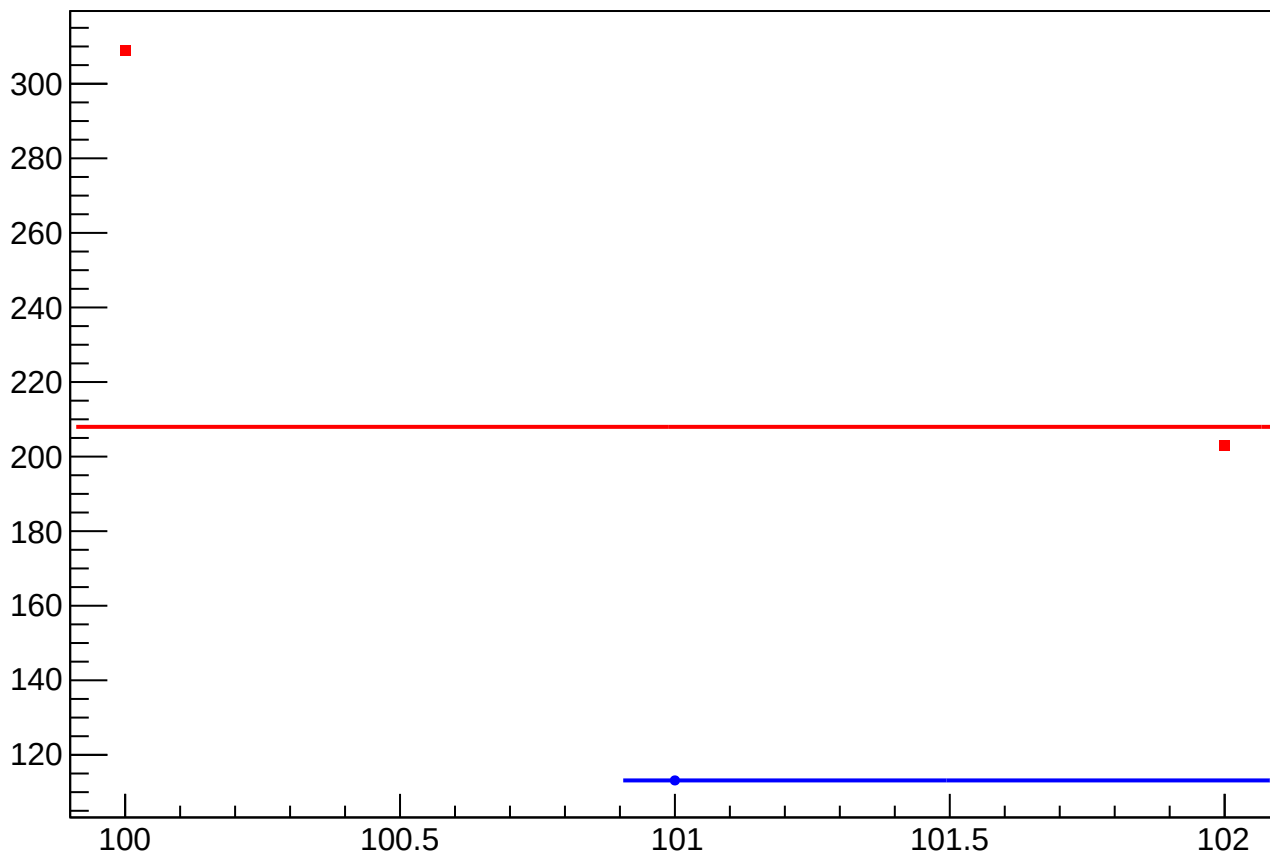
Right: 103.435+/-123.629 χ^2/NDF : 1.6/2

In: 188.487+/-141.944 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.435+/-123.629 χ^2/NDF : 1.6/2

cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 113.145 $\pm$ 0.100 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 207.978 $\pm$ 0.178 χ^2 /NDF: 16218.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

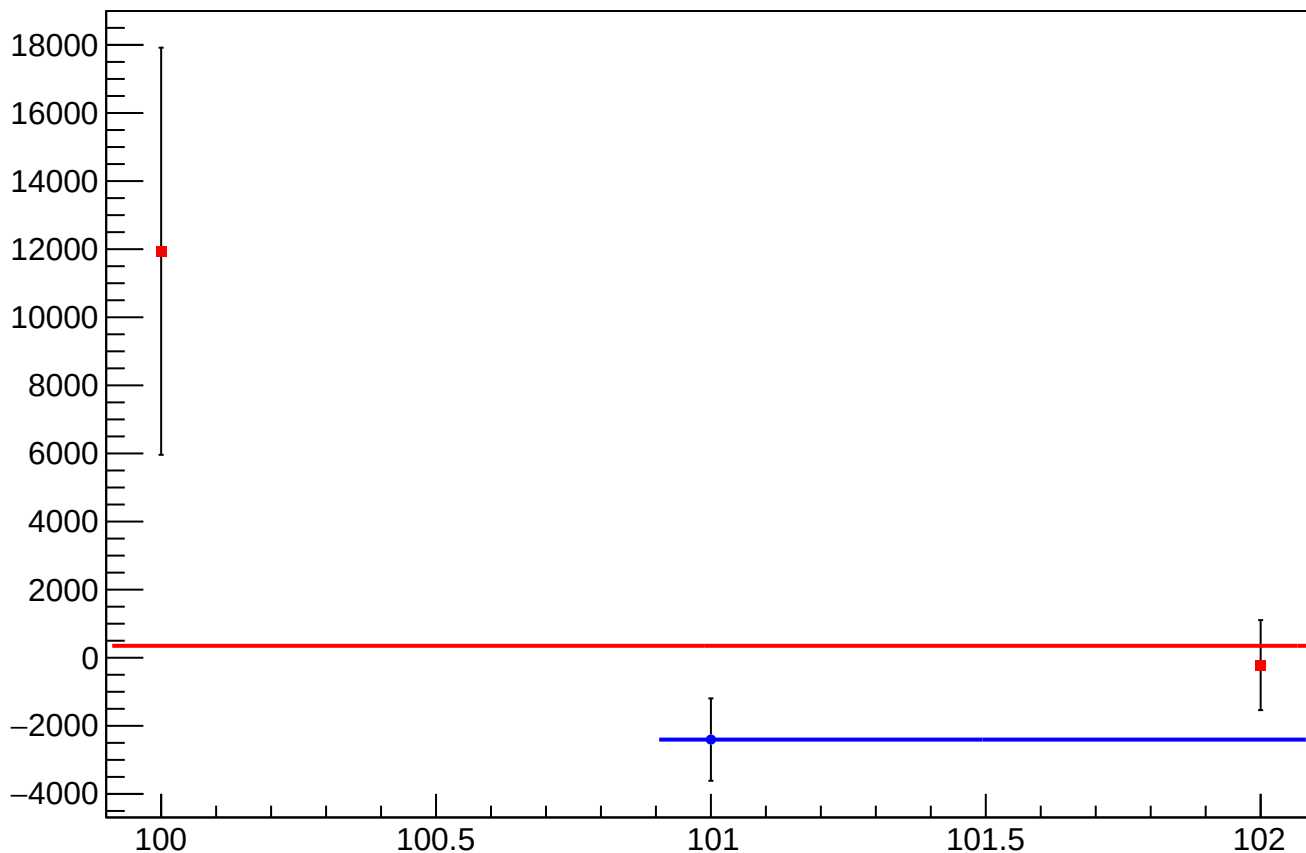
Right: 136.039 $\pm$ 0.087 χ^2 /NDF: 231724.1/2

In: 113.145 $\pm$ 0.100 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 136.039 $\pm$ 0.087 χ^2 /NDF: 231724.1/2

asym_sam_37_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -2404.010+/-1210.262 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 350.690+/-1291.166 χ^2/NDF : 3.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

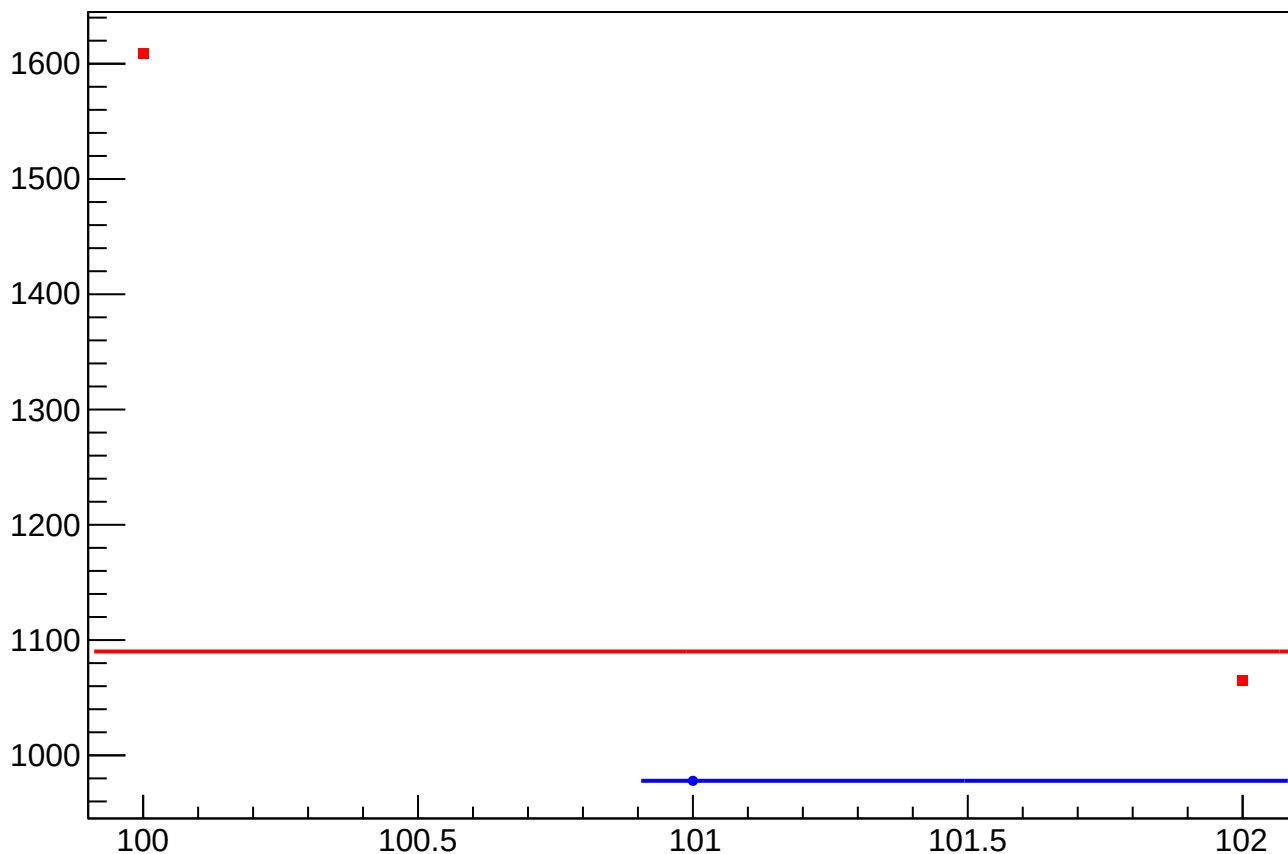
Right: -1115.663+/-883.002 χ^2/NDF : 6.4/2

In: -2404.010+/-1210.262 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1115.663+/-883.002 χ^2/NDF : 6.4/2

asym_sam_37_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 977.901 $\pm$ 0.856 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1090.083 $\pm$ 0.913 χ^2 /NDF: 15791.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

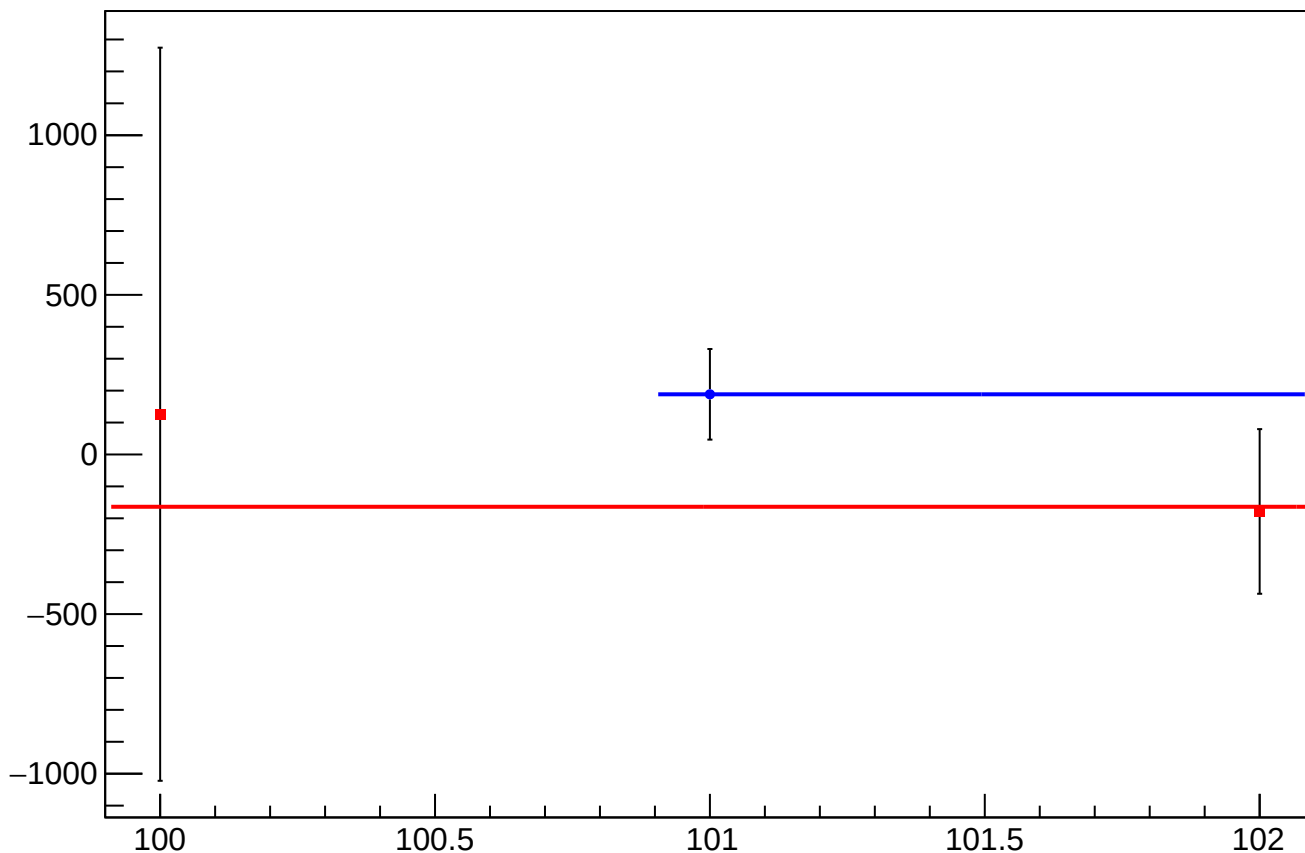
Right: 1030.368 $\pm$ 0.624 χ^2 /NDF: 23827.9/2

In: 977.901 $\pm$ 0.856 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1030.368 $\pm$ 0.624 χ^2 /NDF: 23827.9/2

eigen_cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 188.487 $\pm$ 141.944 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -163.828 $\pm$ 251.620 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

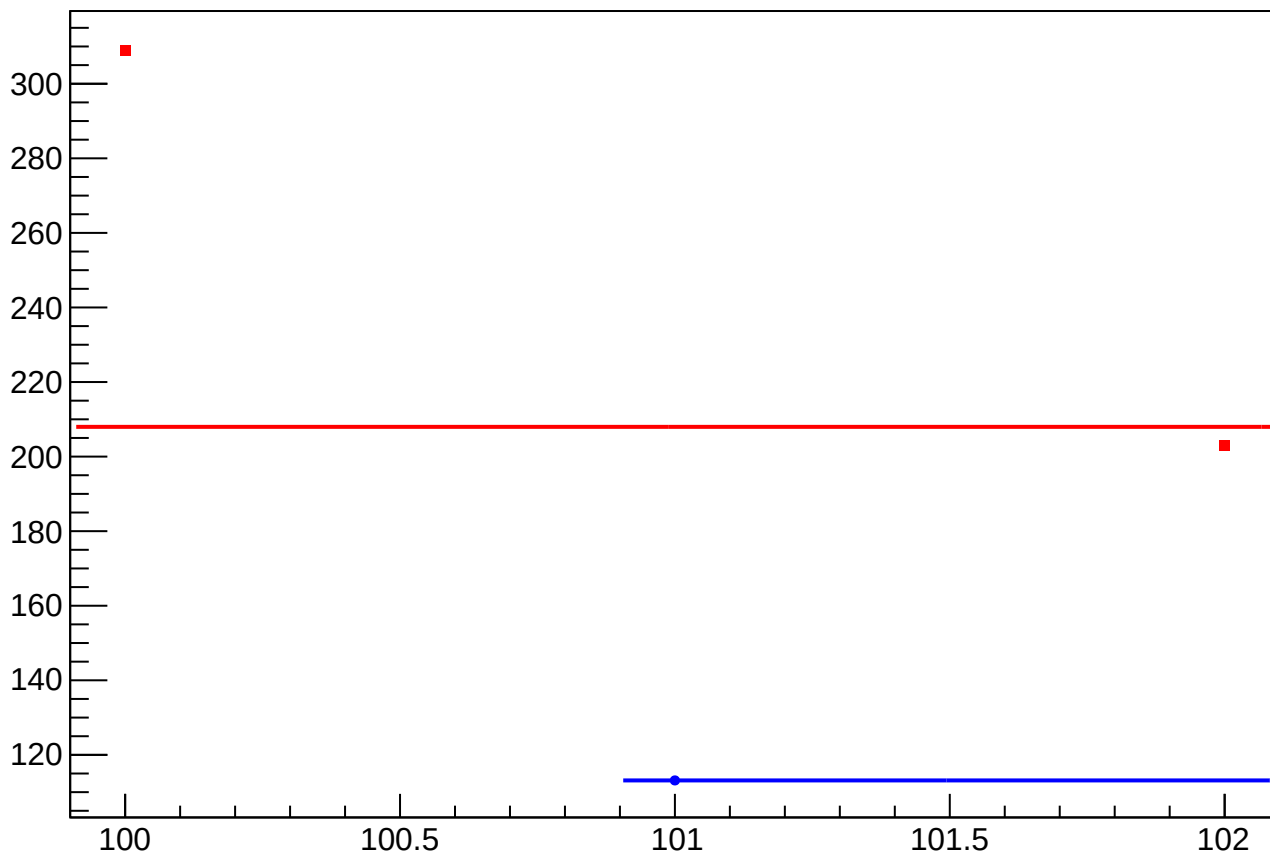
Right: 103.435 $\pm$ 123.629 χ^2 /NDF: 1.6/2

In: 188.487 $\pm$ 141.944 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 103.435 $\pm$ 123.629 χ^2 /NDF: 1.6/2

eigen_cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 113.145+/-0.100 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 207.978+/-0.178 χ^2/NDF : 16218.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

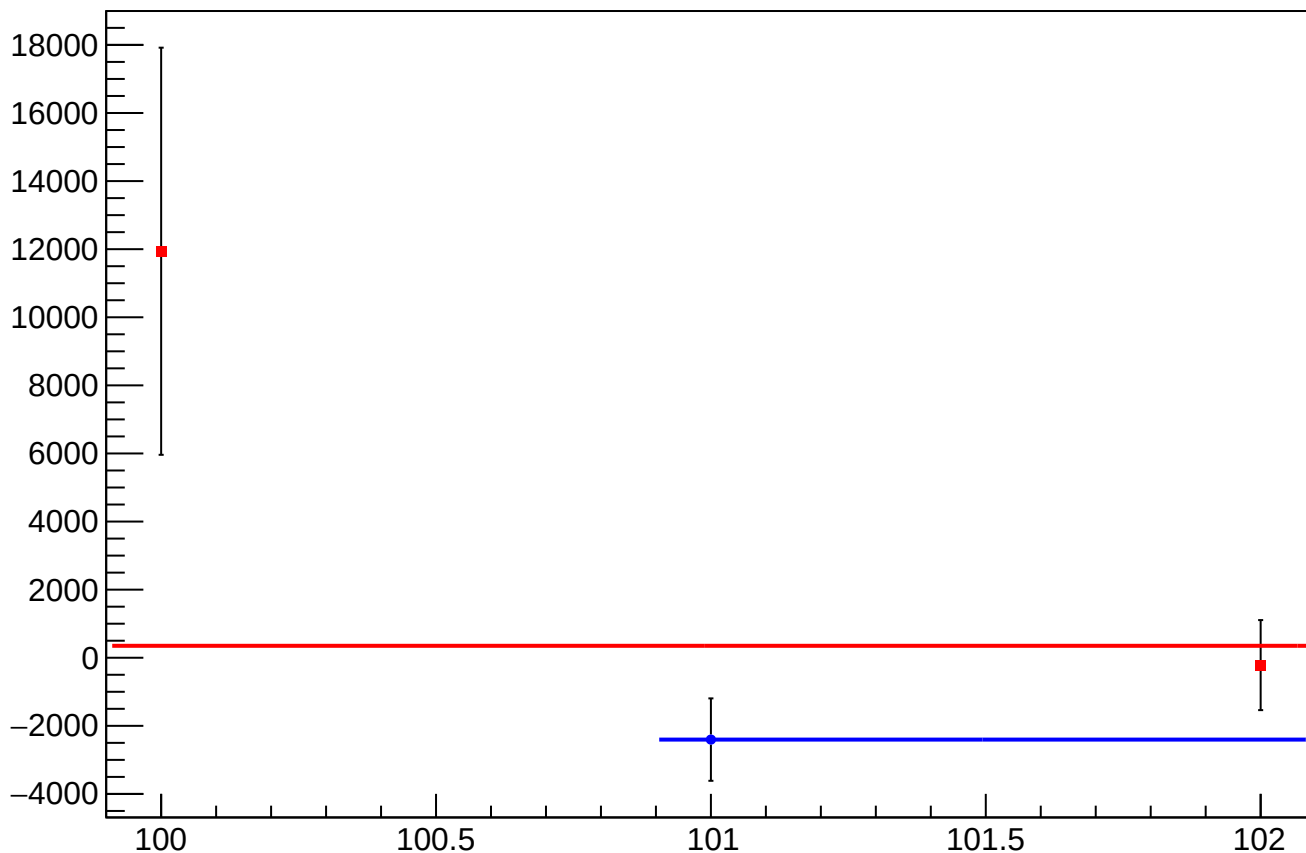
Right: 136.039+/-0.087 χ^2/NDF : 231724.1/2

In: 113.145+/-0.100 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.039+/-0.087 χ^2/NDF : 231724.1/2

asym_sam_37_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -2404.010+/-1210.262 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 350.690+/-1291.166 χ^2/NDF : 3.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

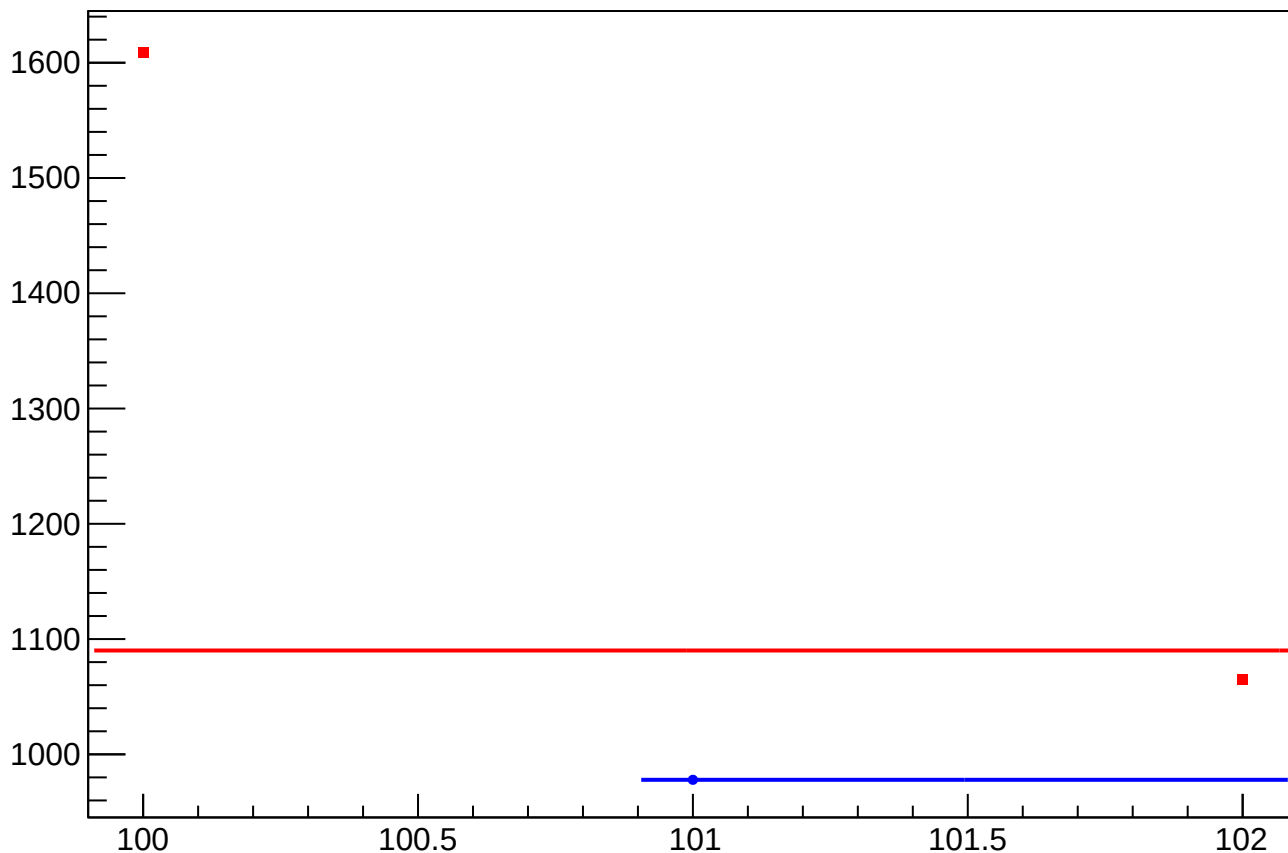
Right: -1115.663+/-883.002 χ^2/NDF : 6.4/2

In: -2404.010+/-1210.262 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1115.663+/-883.002 χ^2/NDF : 6.4/2

asym_sam_37_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 977.901 $\pm$ 0.856 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1090.083 $\pm$ 0.913 χ^2 /NDF: 15791.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

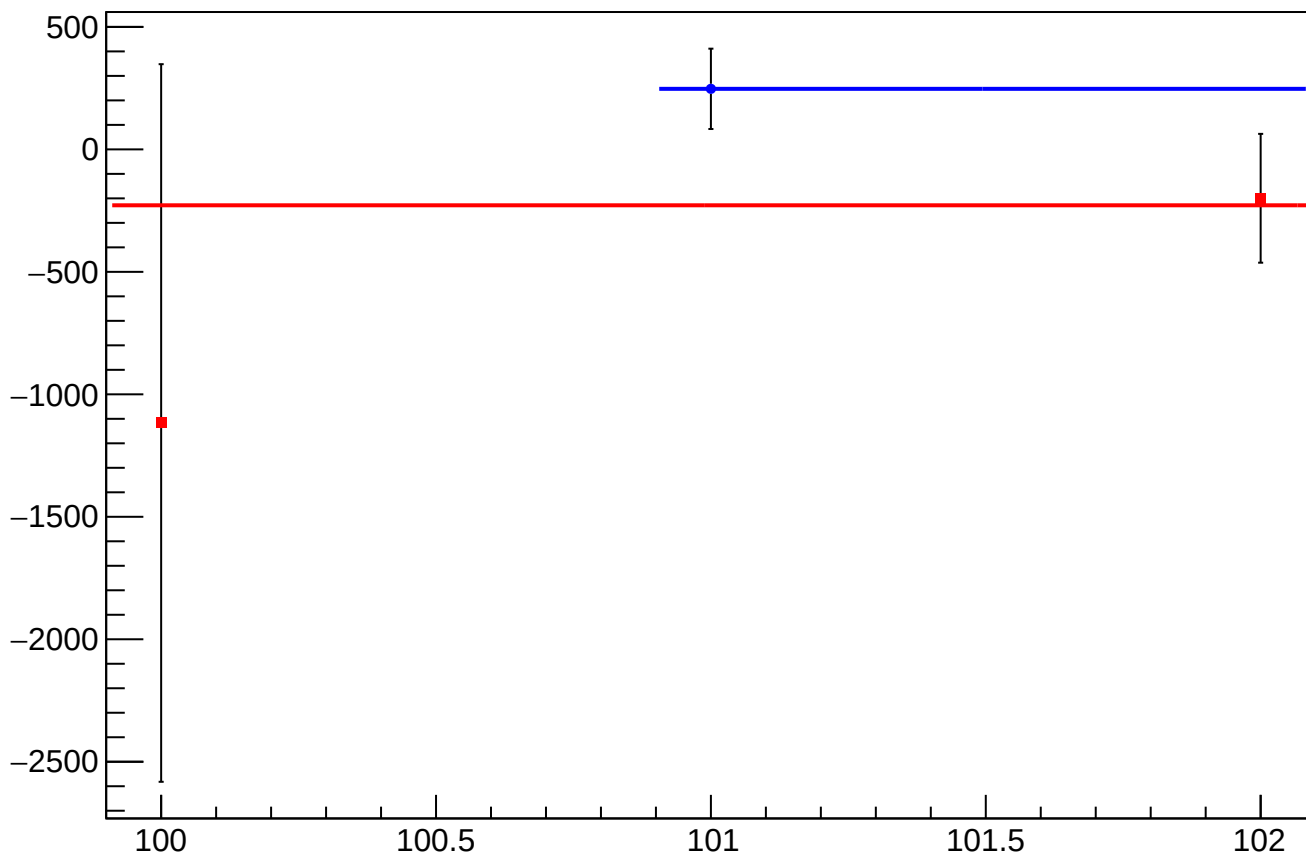
Right: 1030.368 $\pm$ 0.624 χ^2 /NDF: 23827.9/2

In: 977.901 $\pm$ 0.856 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1030.368 $\pm$ 0.624 χ^2 /NDF: 23827.9/2

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 247.165+/-163.991 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -228.268+/-258.828 χ^2/NDF : 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

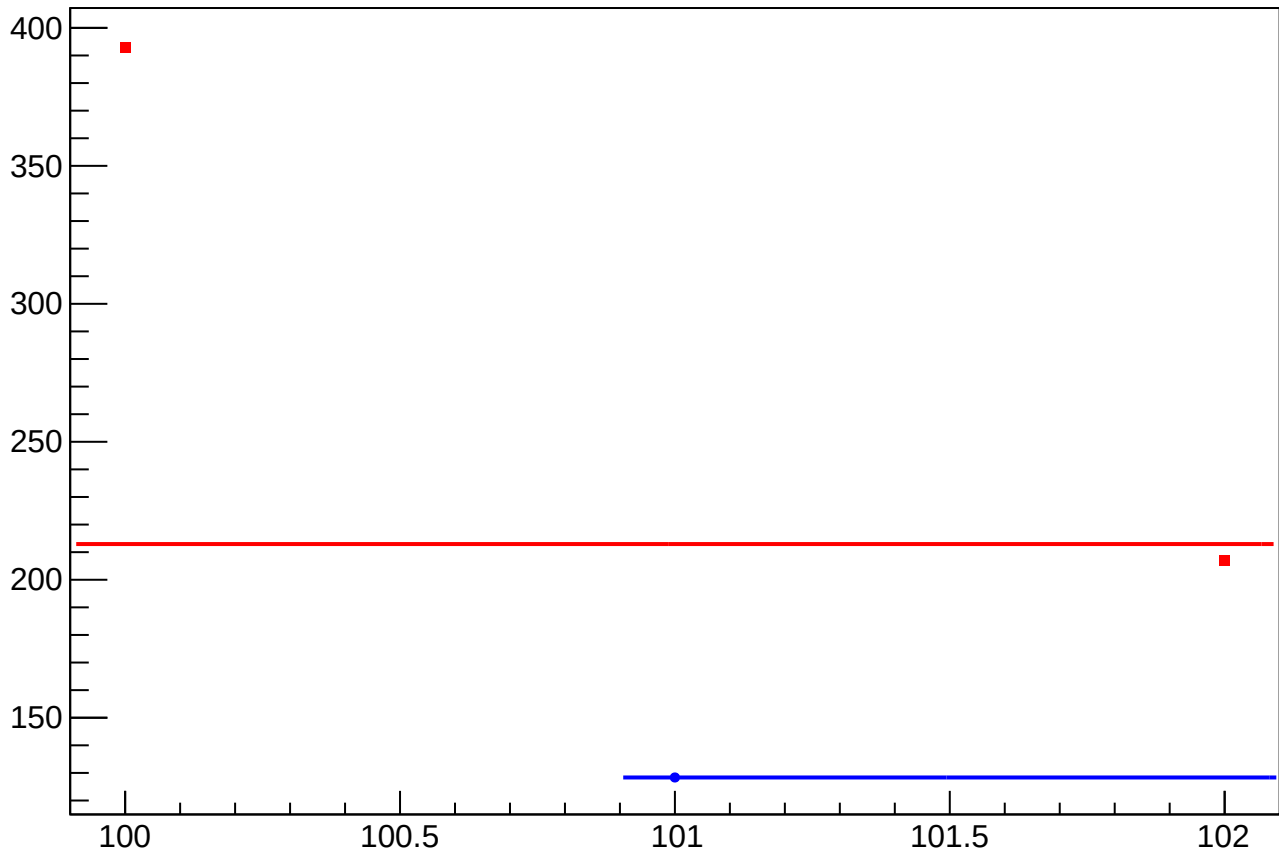
Right: 110.979+/-138.526 χ^2/NDF : 2.8/2

In: 247.165+/-163.991 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.979+/-138.526 χ^2/NDF : 2.8/2

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 128.348+/-0.116 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 212.941+/-0.183 χ^2/NDF : 31149.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

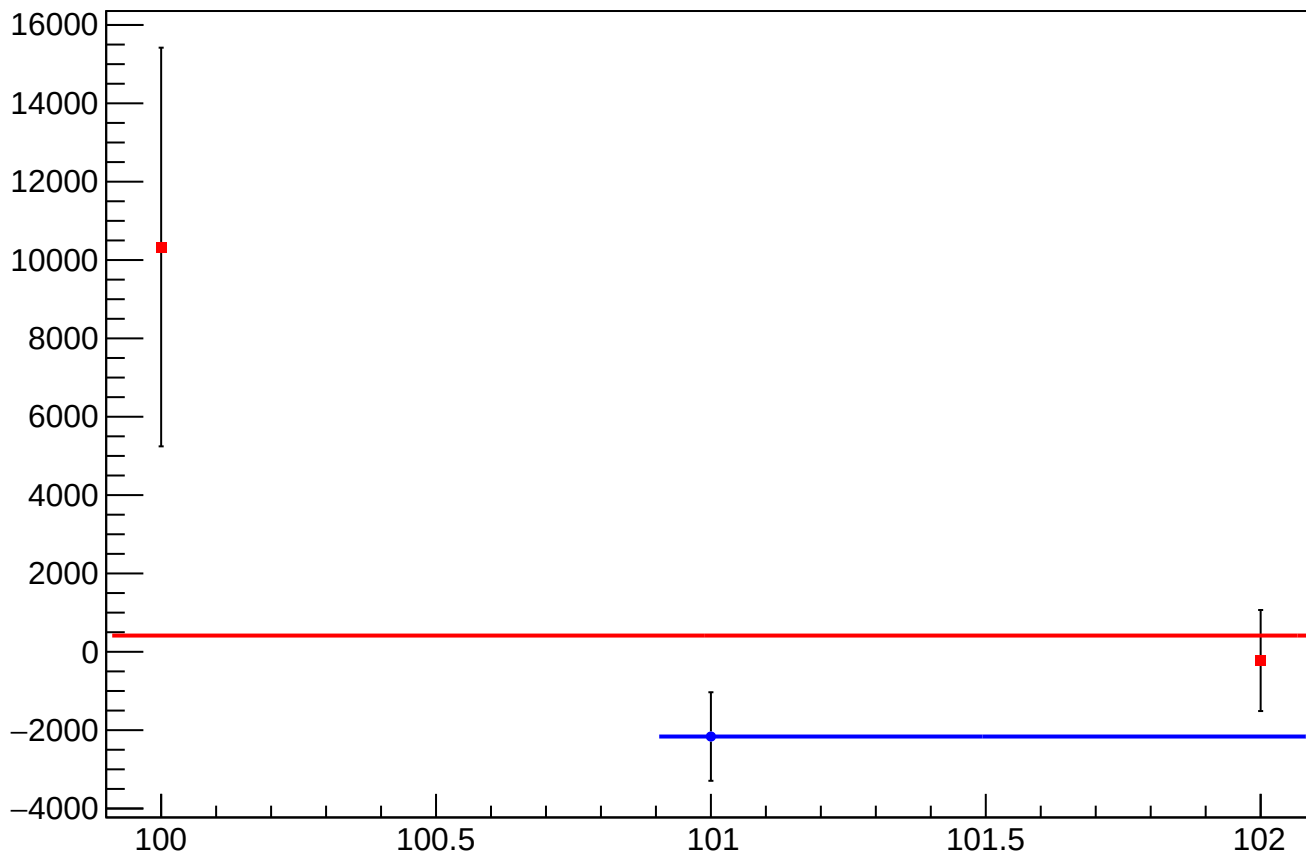
Right: 152.579+/-0.098 χ^2/NDF : 183592.3/2

In: 128.348+/-0.116 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.579+/-0.098 χ^2/NDF : 183592.3/2

asym_sam_37_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -2162.457+/-1130.095 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 414.636+/-1250.140 χ^2 /NDF: 4.0/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

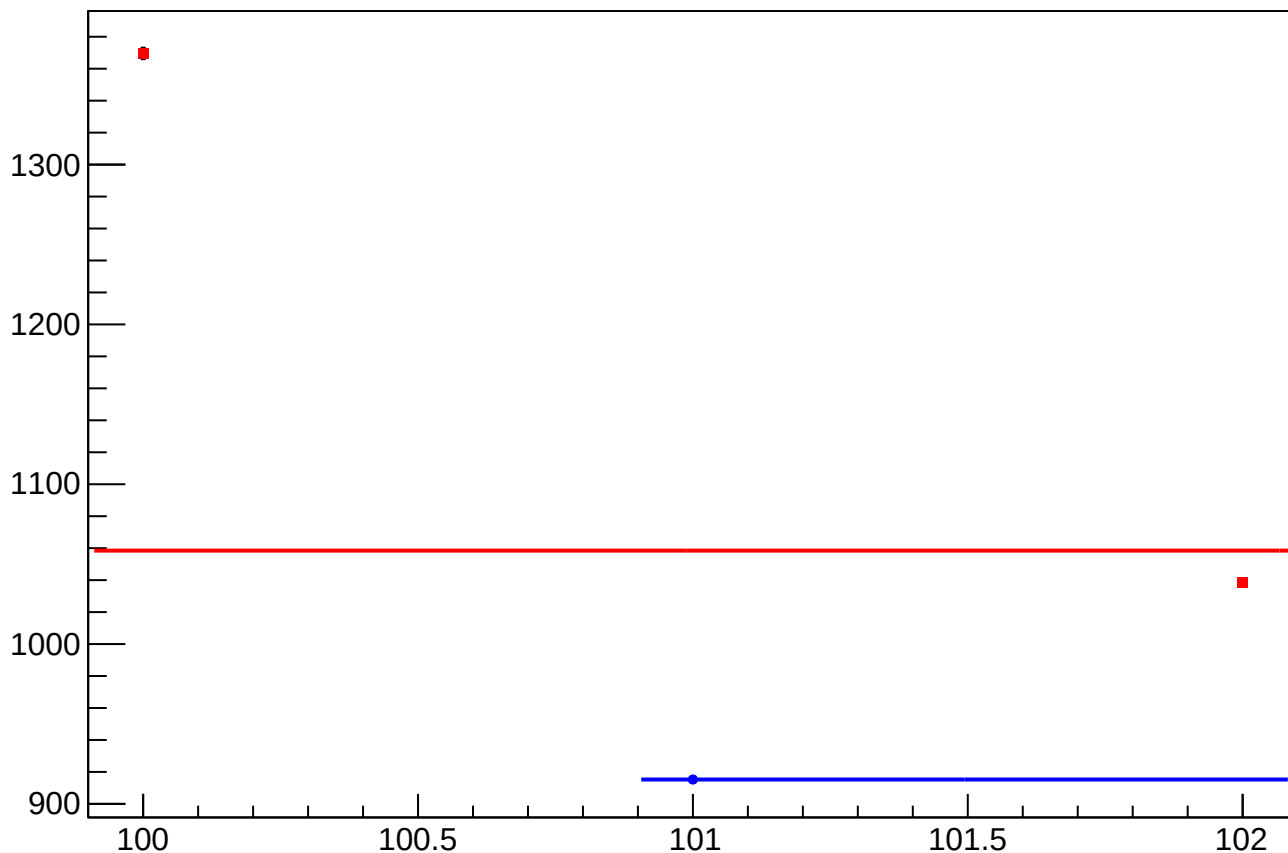
Right: -1003.555+/-838.334 χ^2 /NDF: 6.4/2

In: -2162.457+/-1130.095 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1003.555+/-838.334 χ^2 /NDF: 6.4/2

asym_sam_37_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 915.245+/-0.799 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1058.479+/-0.884 χ^2/NDF : 7955.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

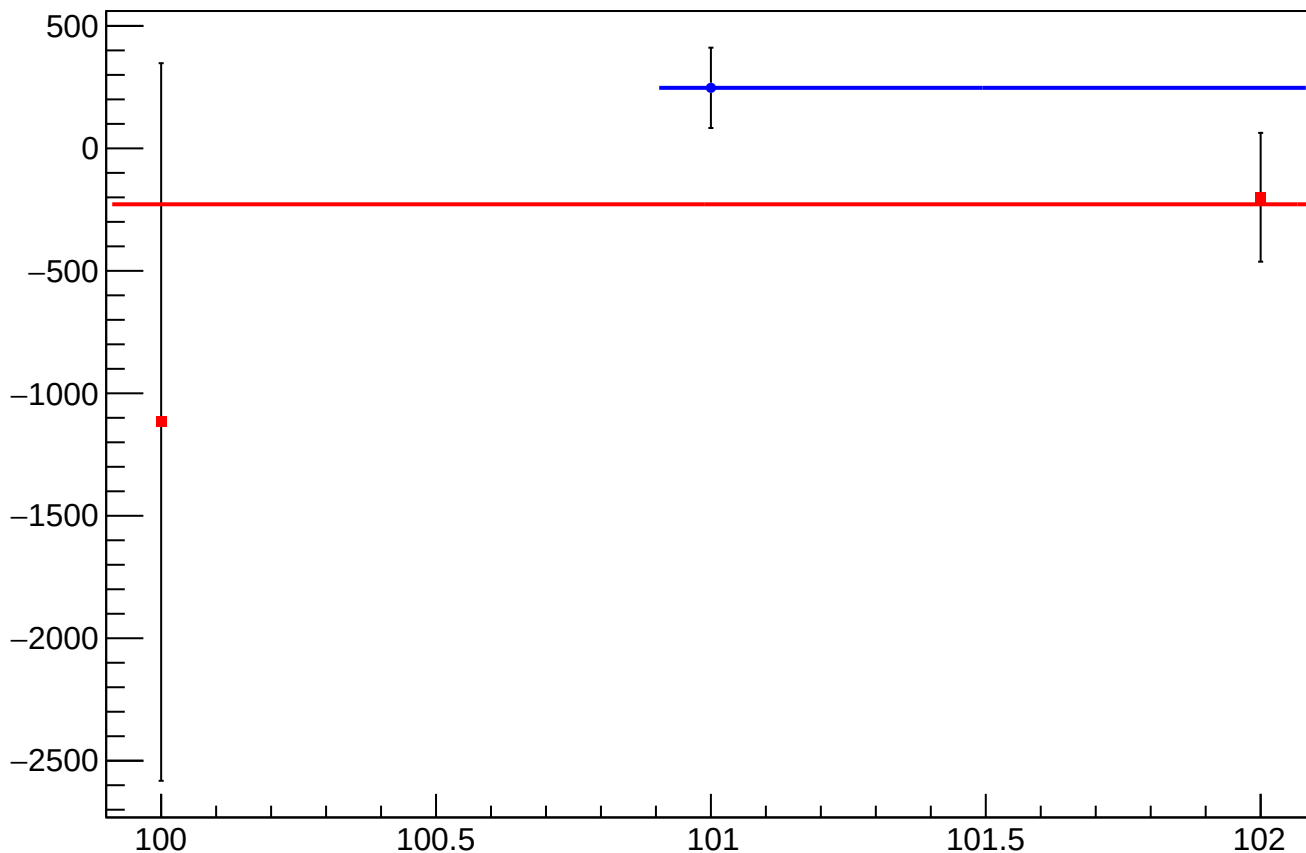
Right: 979.656+/-0.593 χ^2/NDF : 22403.9/2

In: 915.245+/-0.799 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 979.656+/-0.593 χ^2/NDF : 22403.9/2

eigen_dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 247.174 $\pm$ 163.992 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -228.267 $\pm$ 258.829 χ^2 /NDF: 0.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

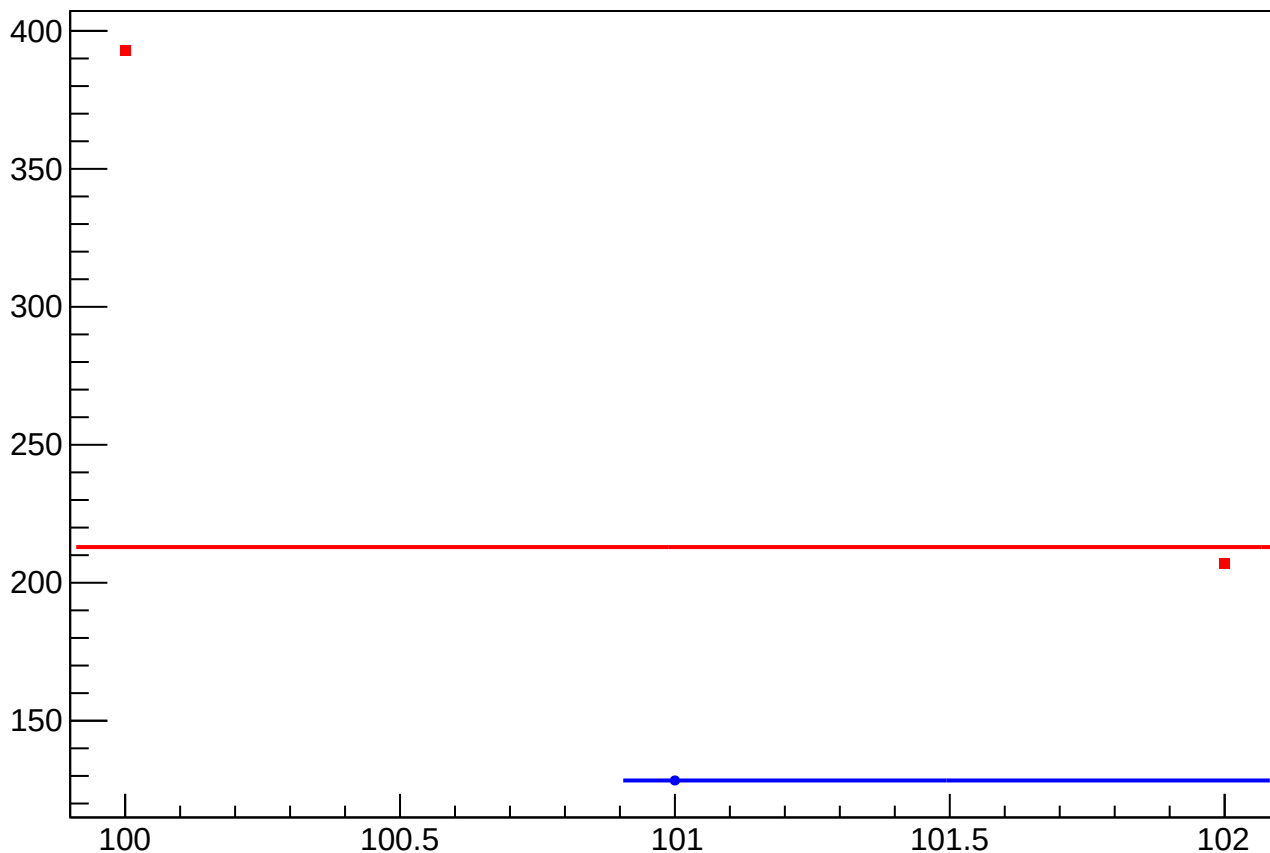
Right: 110.984 $\pm$ 138.528 χ^2 /NDF: 2.8/2

In: 247.174 $\pm$ 163.992 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 110.984 $\pm$ 138.528 χ^2 /NDF: 2.8/2

eigen_dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 128.349 $\pm$ 0.116 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 212.942 $\pm$ 0.183 χ^2 /NDF: 31150.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

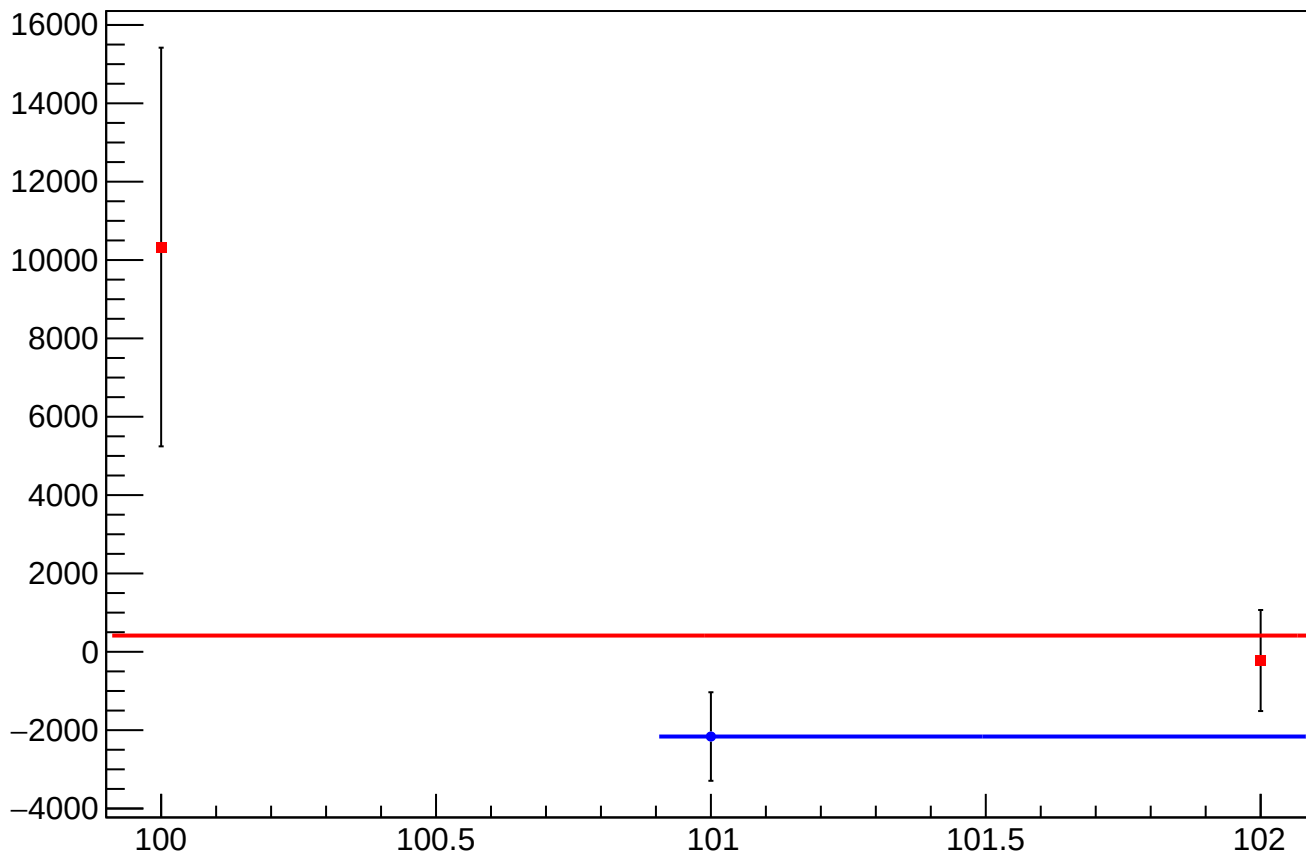
Right: 152.581 $\pm$ 0.098 χ^2 /NDF: 183588.7/2

In: 128.349 $\pm$ 0.116 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 152.581 $\pm$ 0.098 χ^2 /NDF: 183588.7/2

asym_sam_37_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -2162.449+/-1130.090 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 414.635+/-1250.135 χ^2 /NDF: 4.0/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

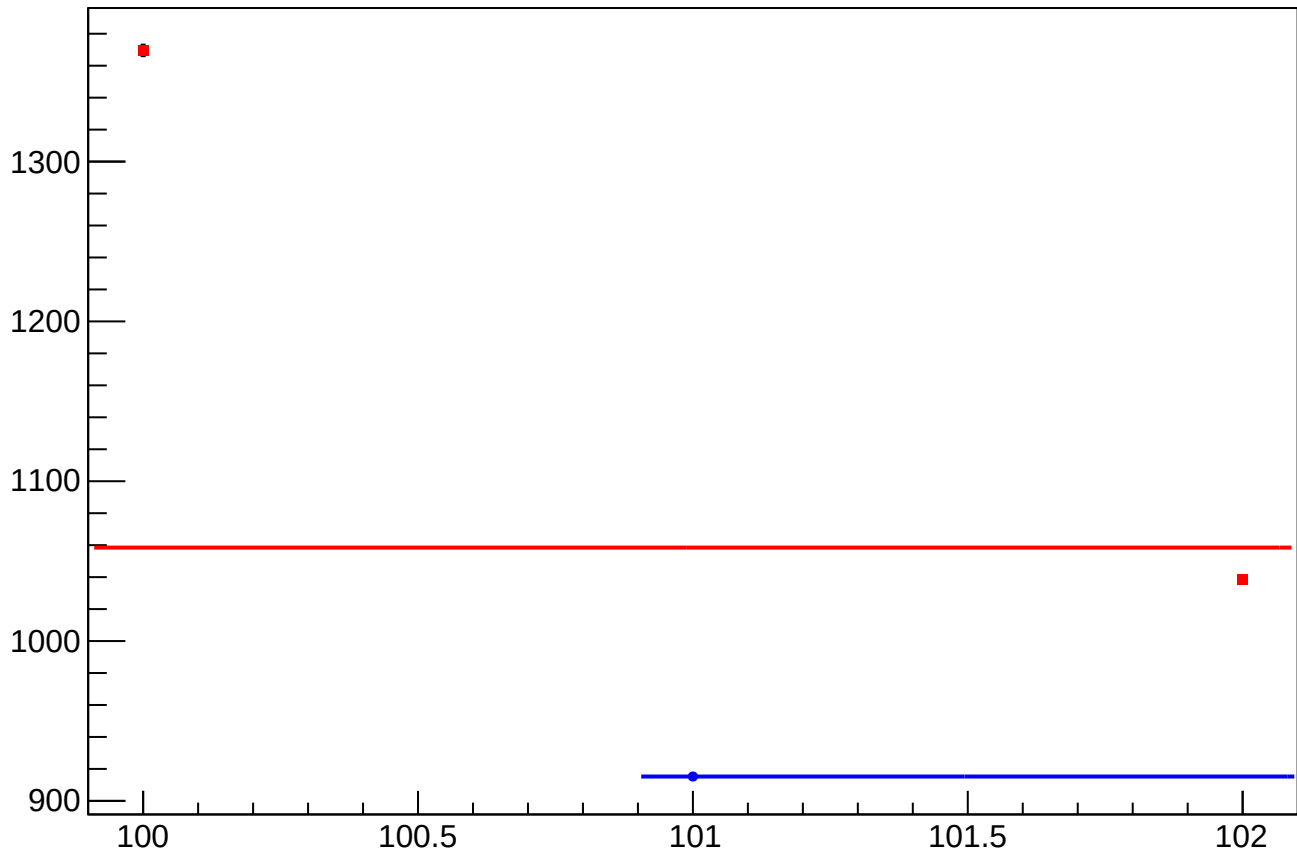
Right: -1003.551+/-838.331 χ^2 /NDF: 6.4/2

In: -2162.449+/-1130.090 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1003.551+/-838.331 χ^2 /NDF: 6.4/2

asym_sam_37_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 915.241+/-0.799 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1058.475+/-0.884 χ^2/NDF : 7955.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

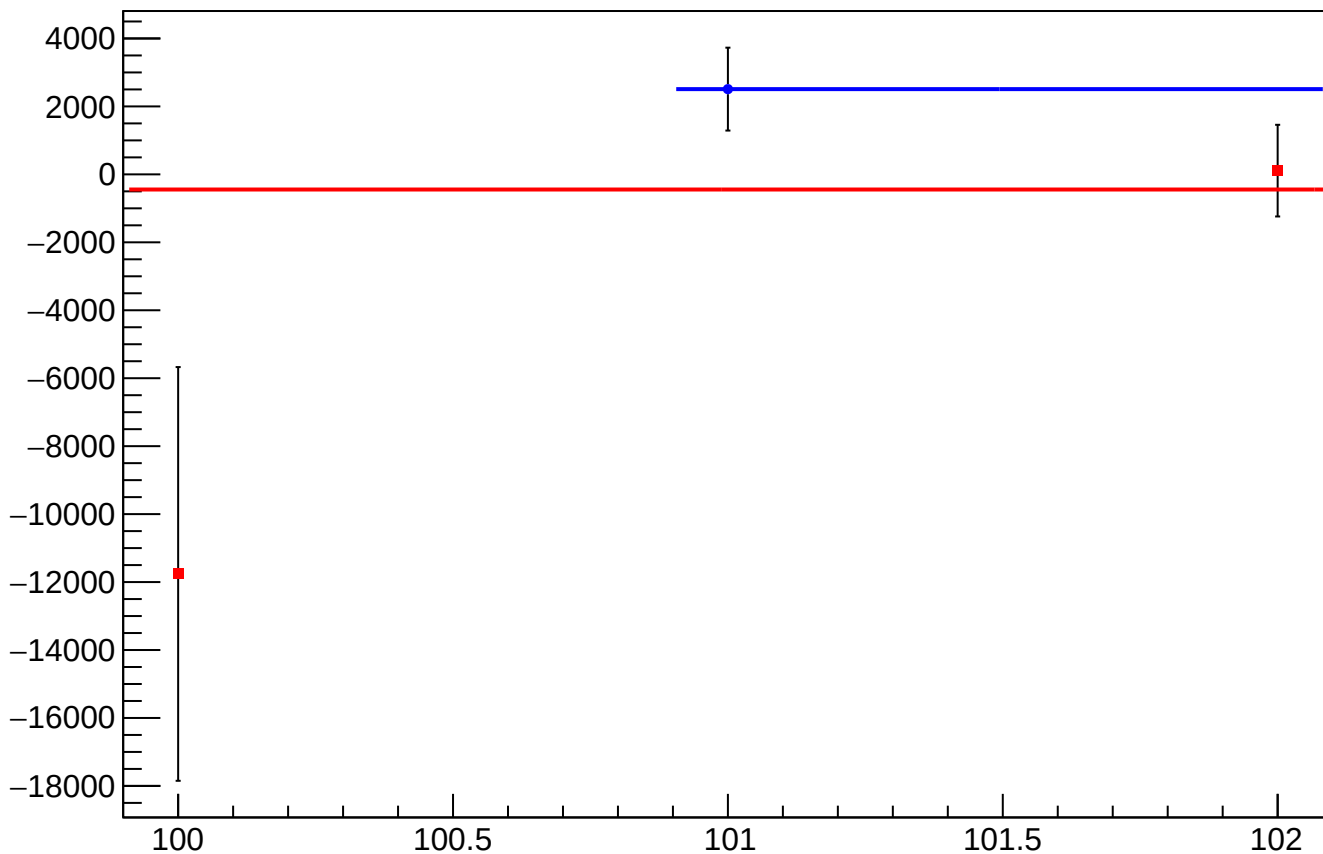
Right: 979.652+/-0.593 χ^2/NDF : 22404.0/2

In: 915.241+/-0.799 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 979.652+/-0.593 χ^2/NDF : 22404.0/2

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 2509.081+/-1219.951 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -445.774+/-1317.071 χ^2/NDF : 3.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

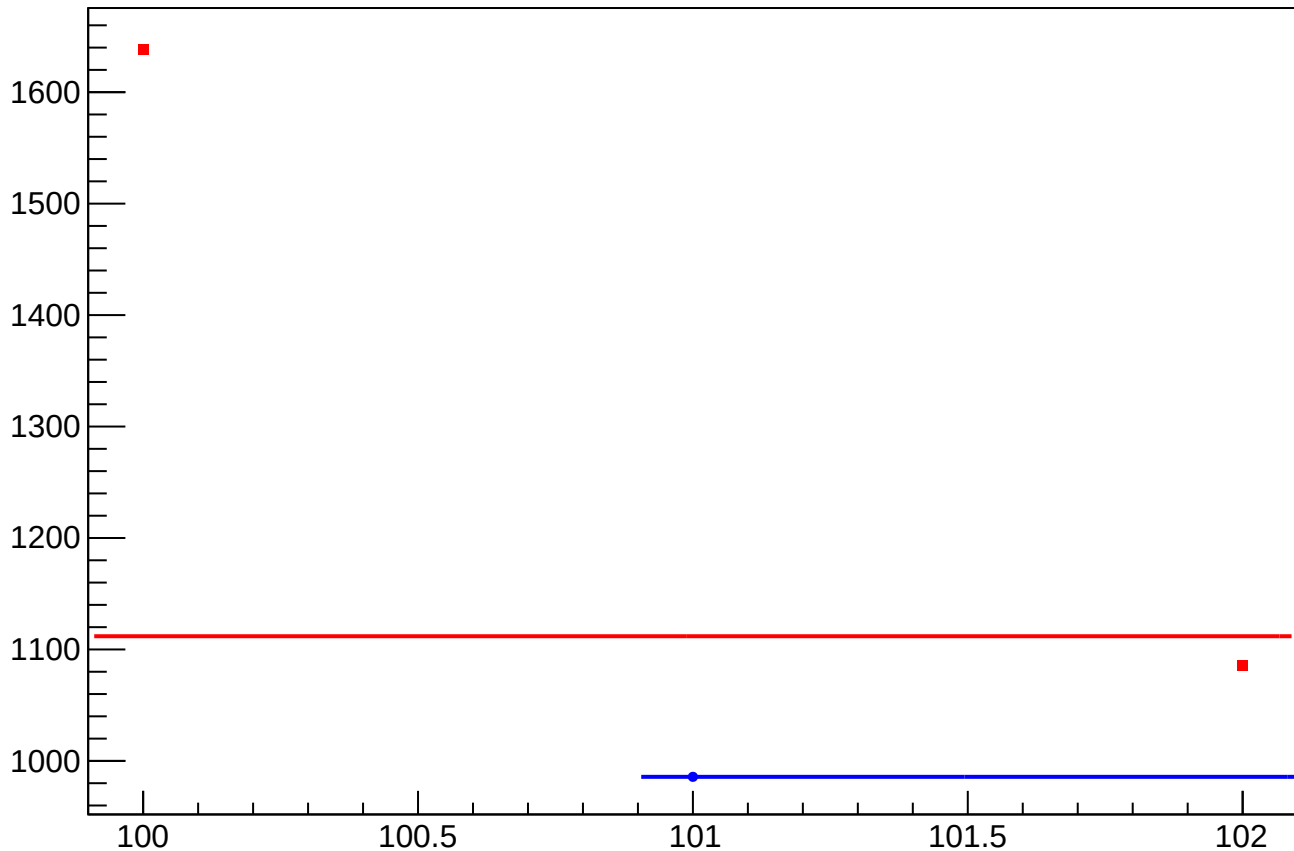
Right: 1144.603+/-895.003 χ^2/NDF : 6.3/2

In: 2509.081+/-1219.951 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1144.603+/-895.003 χ^2/NDF : 6.3/2

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 985.712 ± 0.863 χ^2/NDF : 0.0/0

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1111.856 ± 0.931 χ^2/NDF : 15686.7/1

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

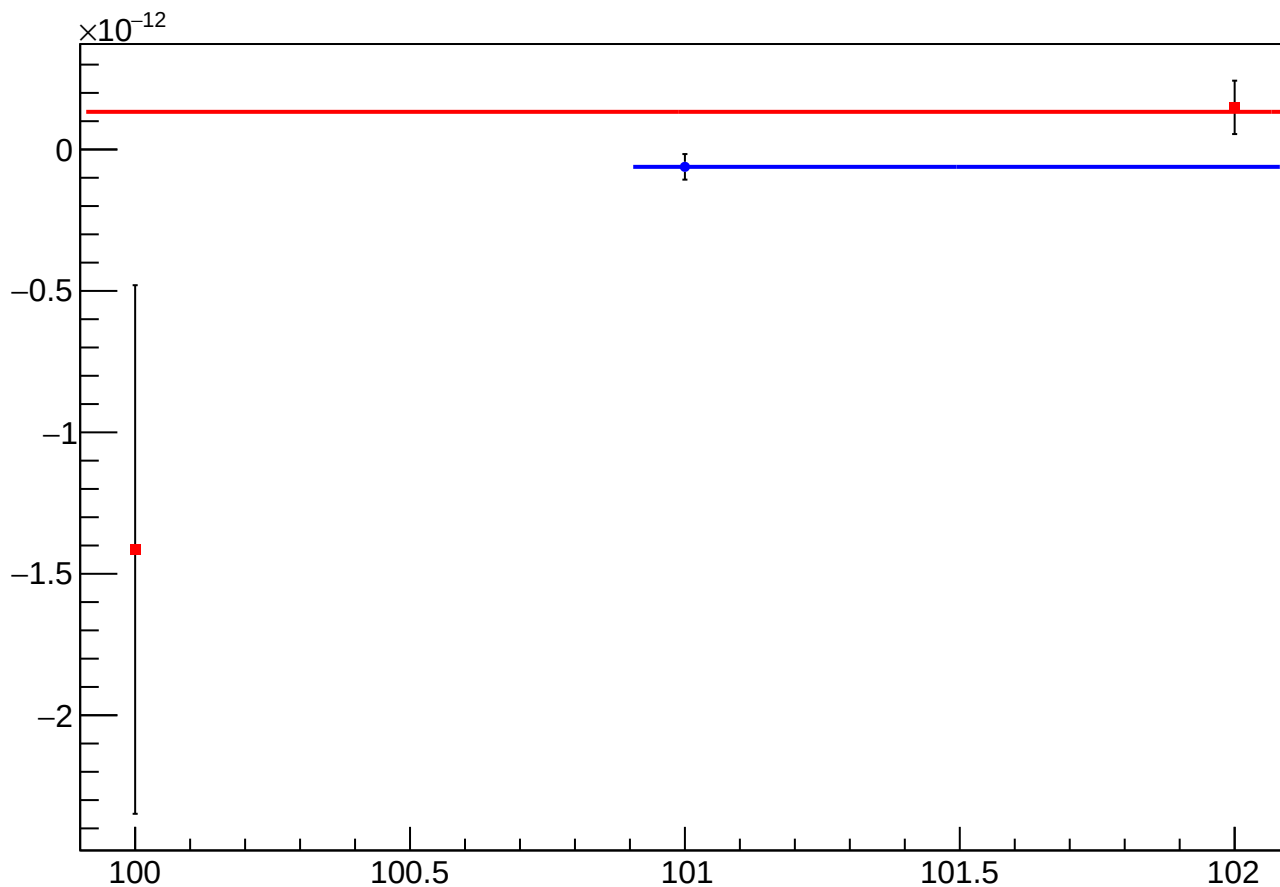
Right: 1043.962 ± 0.633 χ^2/NDF : 25561.0/2

In: 985.712 ± 0.863 χ^2/NDF : 0.0/0

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1043.962 ± 0.633 χ^2/NDF : 25561.0/2

asym_sam_37_avg_reg_vs_cor_diff_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: 2.8/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

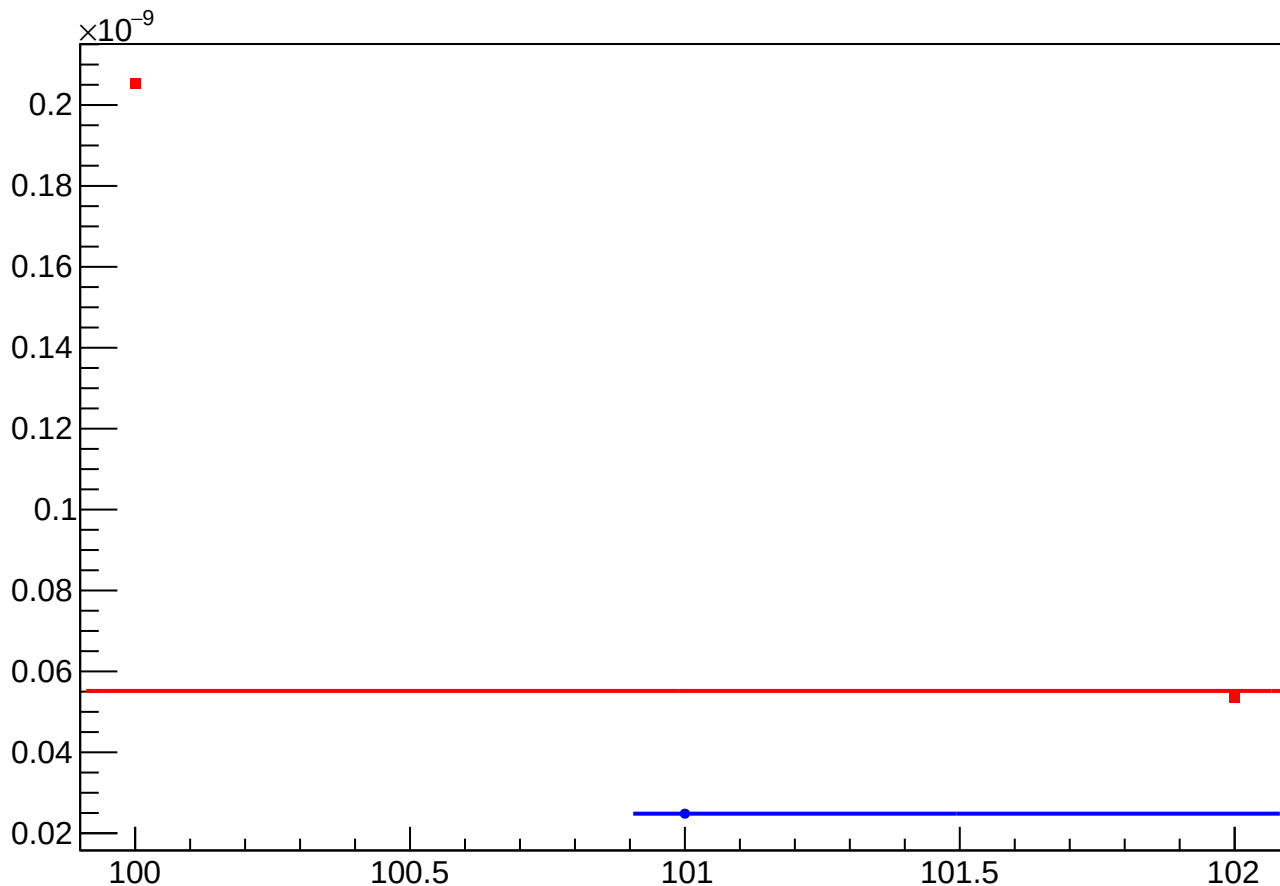
Right: -0.000+/-0.000 χ^2 /NDF: 6.3/2

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: 6.3/2

asym_sam_37_avg_reg_vs_cor_diff_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 : 52204.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

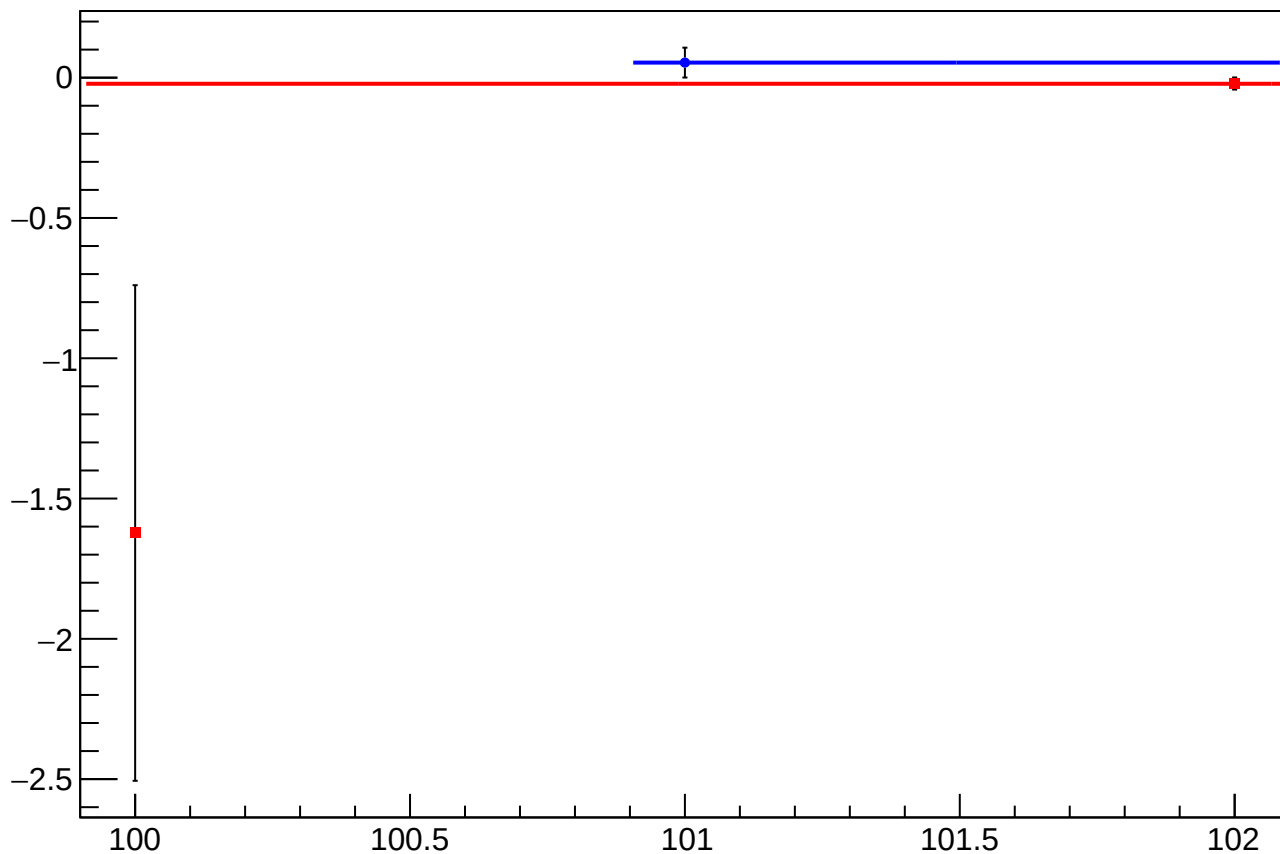
Right: 0.000+/-0.000 χ^2/NDF : 221733.4/2

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 : 221733.4/2

asym_sam_37_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.054+/-0.053 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.022+/-0.022 χ^2/NDF : 3.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

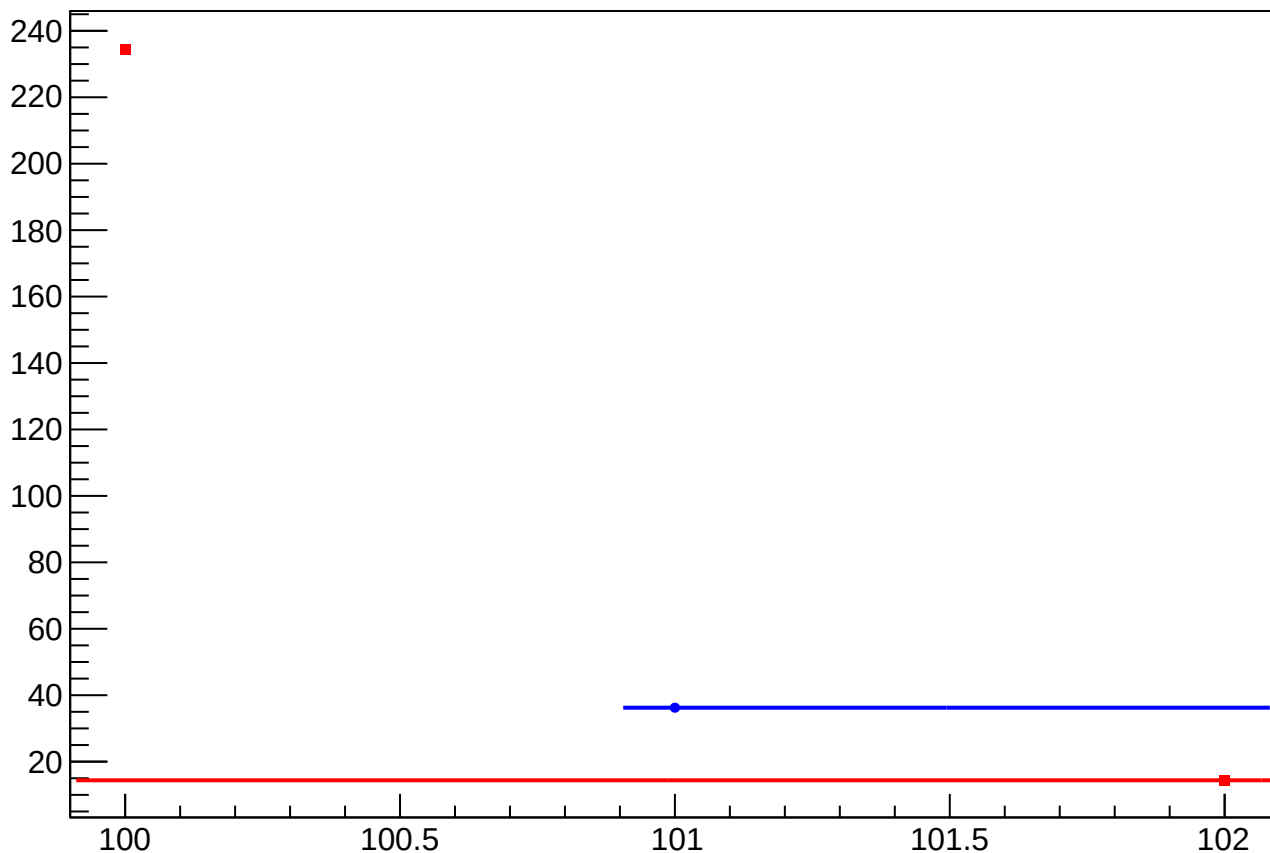
Right: -0.011+/-0.020 χ^2/NDF : 5.0/2

In: 0.054+/-0.053 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.020 χ^2/NDF : 5.0/2

asym_sam_37_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.243 $\pm$ 0.038 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.380 $\pm$ 0.015 χ^2 /NDF: 124093.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

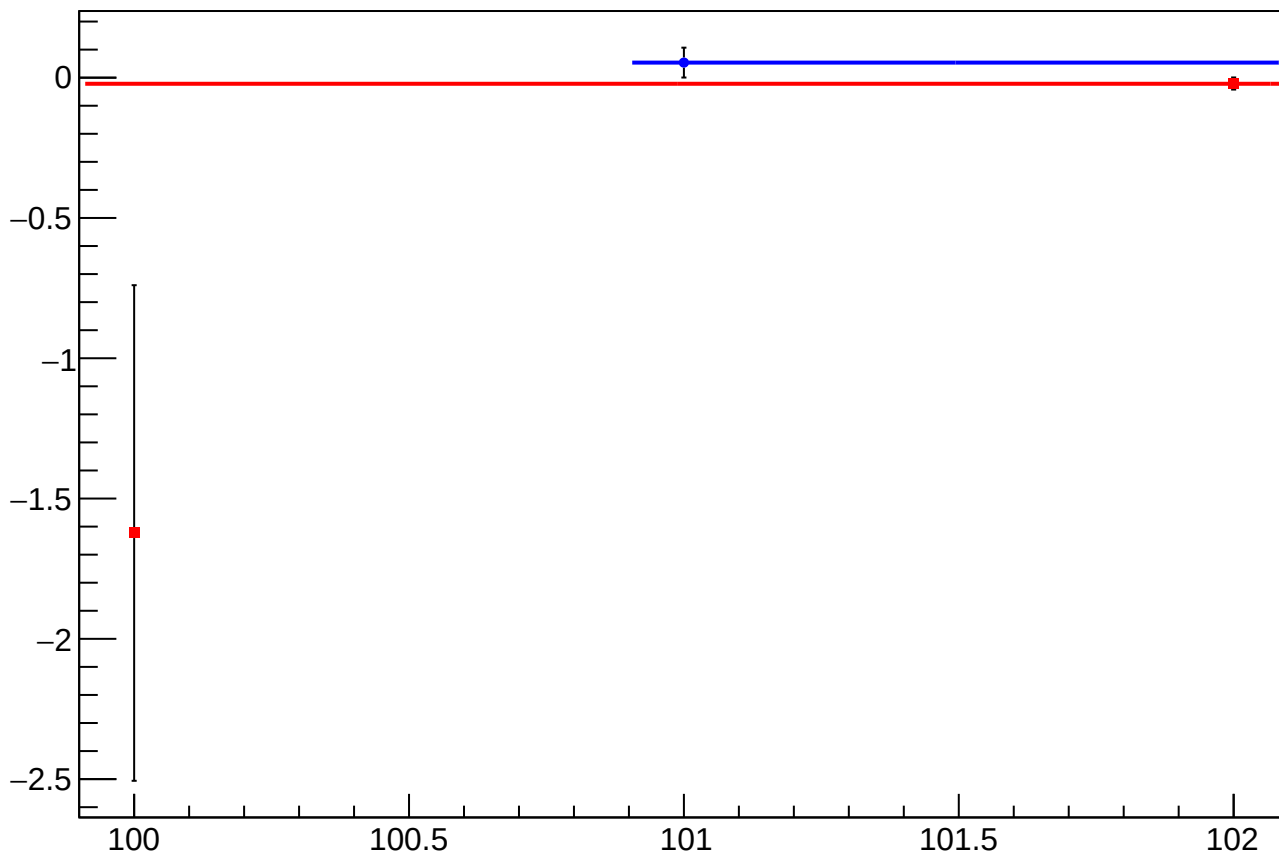
Right: 17.456 $\pm$ 0.014 χ^2 /NDF: 414165.8/2

In: 36.243 $\pm$ 0.038 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.456 $\pm$ 0.014 χ^2 /NDF: 414165.8/2

asym_sam_37_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.054+/-0.053 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.022+/-0.022 χ^2/NDF : 3.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

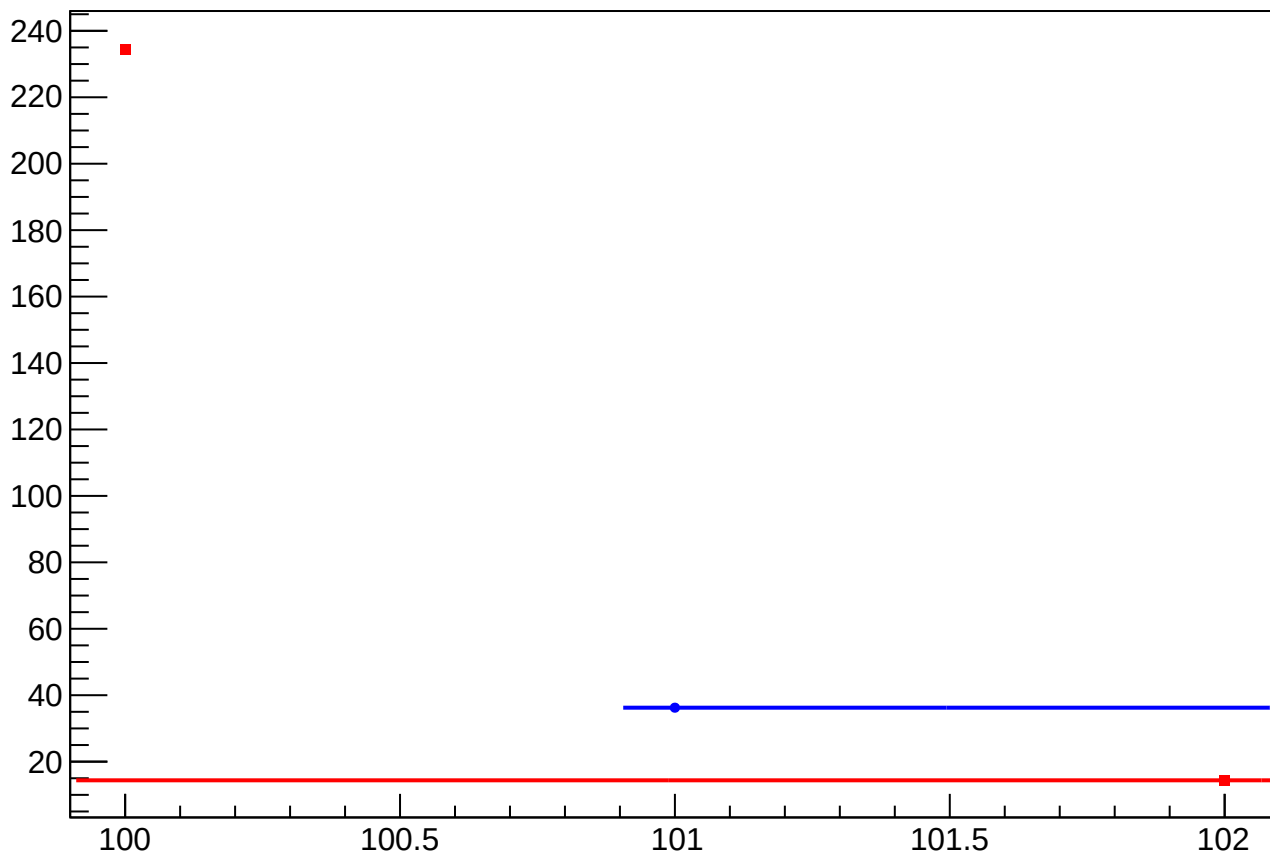
Right: -0.011+/-0.020 χ^2/NDF : 5.0/2

In: 0.054+/-0.053 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.020 χ^2/NDF : 5.0/2

asym_sam_37_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.243 $\pm$ 0.038 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.380 $\pm$ 0.015 χ^2 /NDF: 124093.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

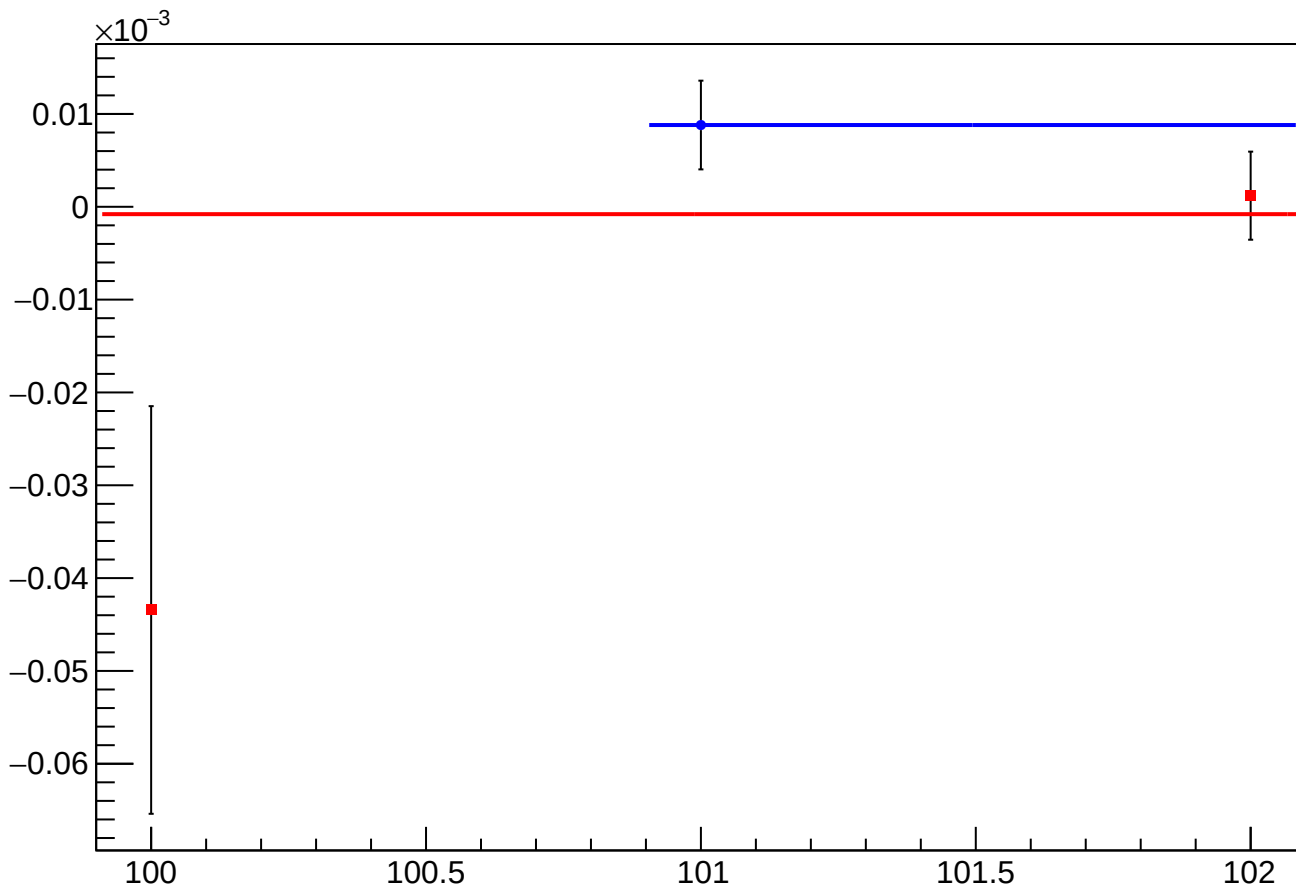
Right: 17.456 $\pm$ 0.014 χ^2 /NDF: 414165.8/2

In: 36.243 $\pm$ 0.038 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.456 $\pm$ 0.014 χ^2 /NDF: 414165.8/2

asym_sam_37_avg_eigen_dit_vs_dit_diff_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 : 3.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

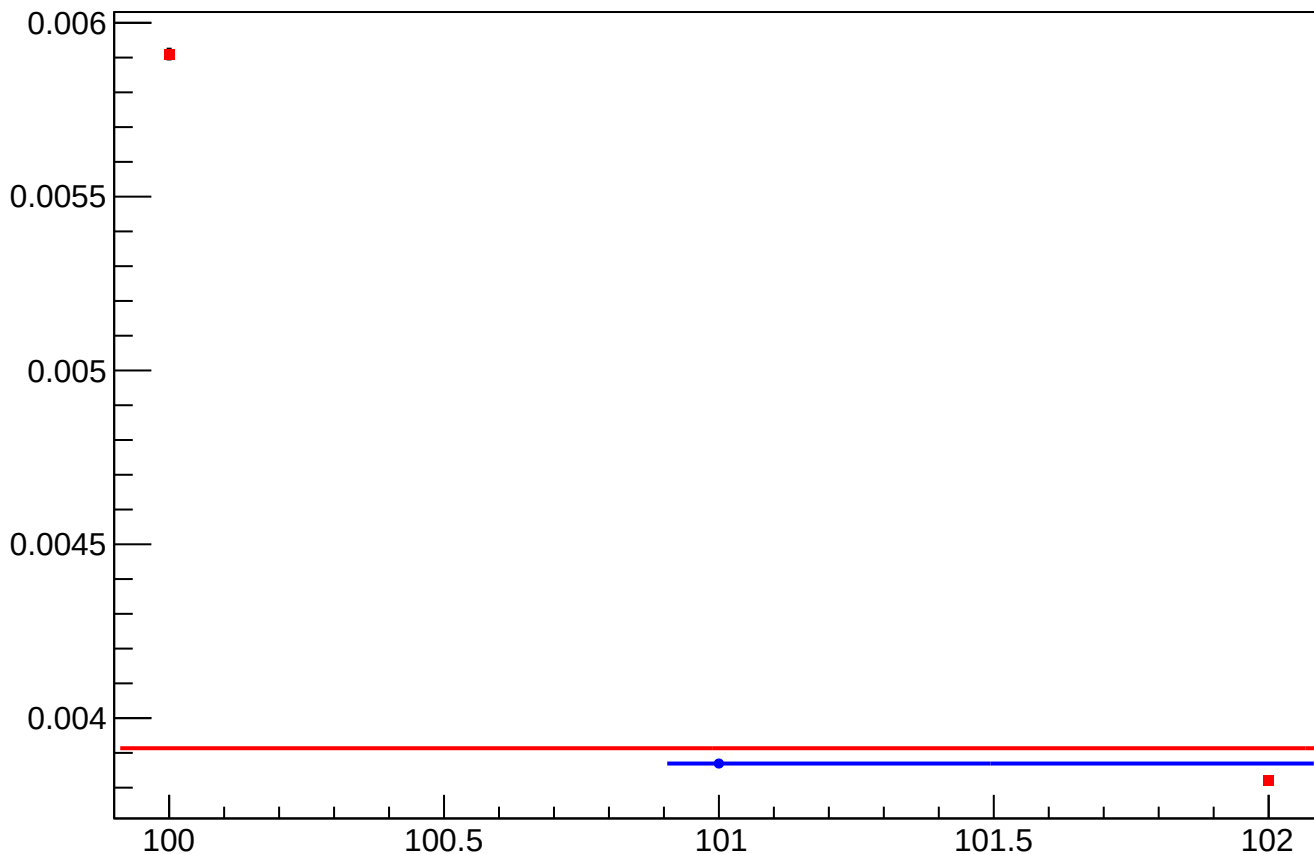
Right: 0.000+/-0.000 χ^2/NDF : 6.0/2

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 : 6.0/2

asym_sam_37_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 17310.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

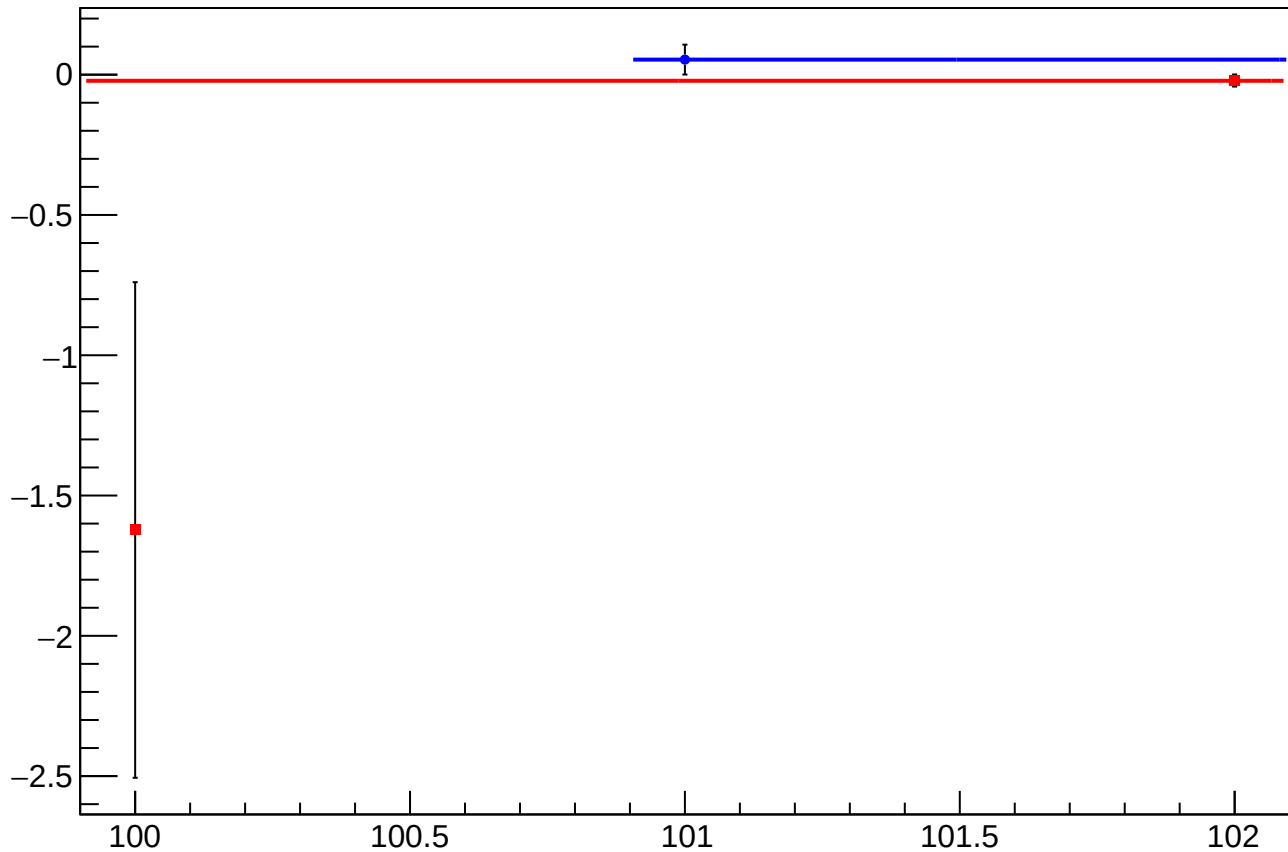
Right: 0.004+/-0.000 χ^2/NDF : 17397.6/2

In: 0.004+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 17397.6/2

asym_sam_37_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.054+/-0.053 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.022+/-0.022 χ^2/NDF : 3.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

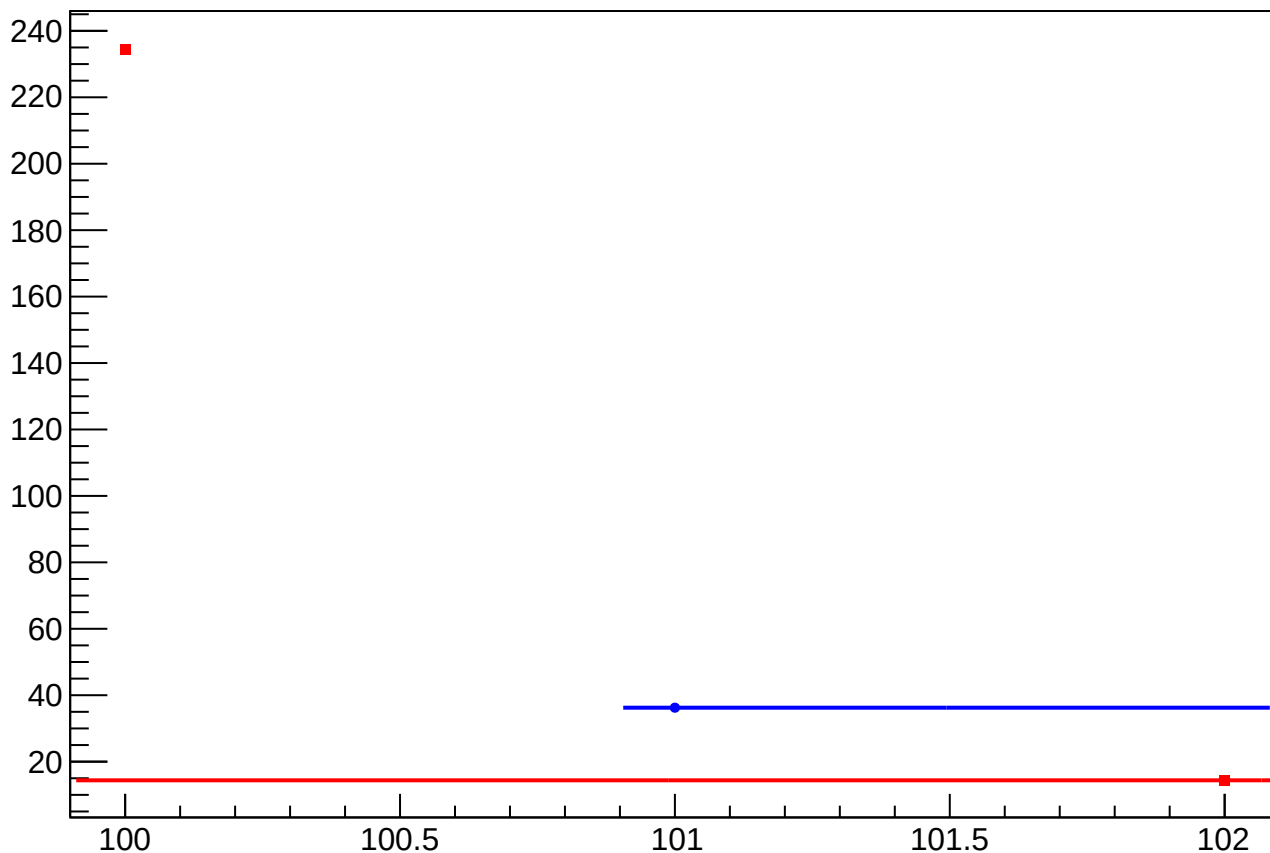
Right: -0.011+/-0.020 χ^2/NDF : 5.0/2

In: 0.054+/-0.053 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.020 χ^2/NDF : 5.0/2

asym_sam_37_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.245 $\pm$ 0.038 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.383 $\pm$ 0.015 χ^2 /NDF: 124090.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

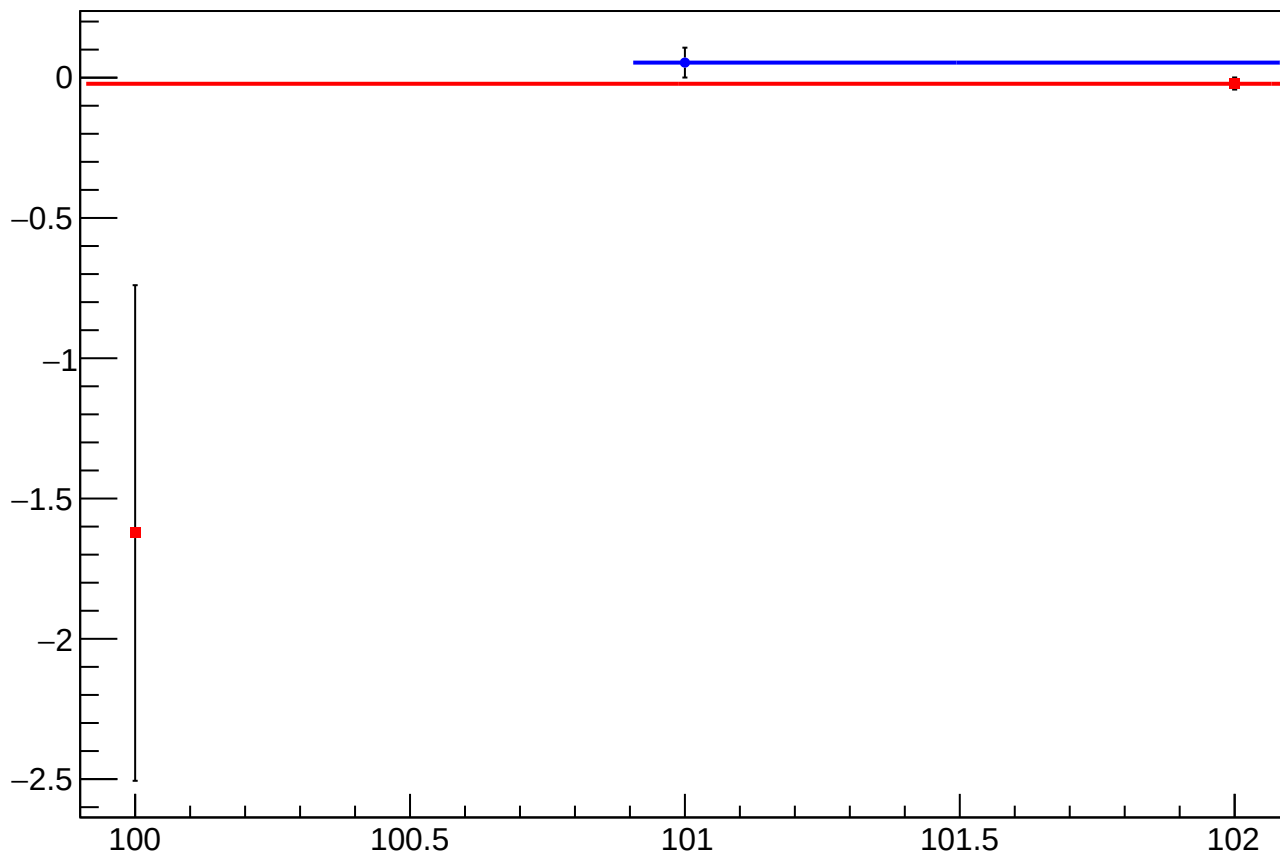
Right: 17.459 $\pm$ 0.014 χ^2 /NDF: 414095.3/2

In: 36.245 $\pm$ 0.038 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.459 $\pm$ 0.014 χ^2 /NDF: 414095.3/2

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.054+/-0.053 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.022+/-0.022 χ^2/NDF : 3.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

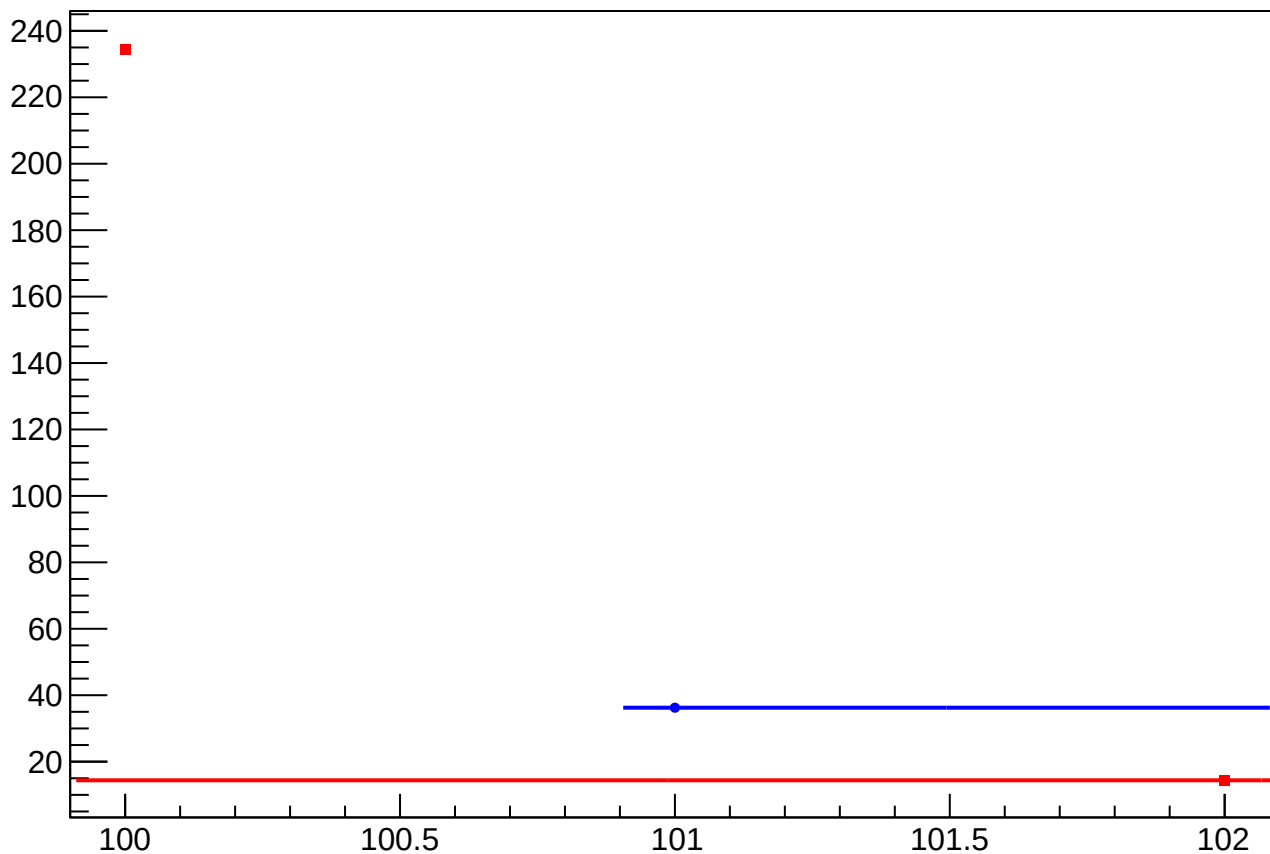
Right: -0.011+/-0.020 χ^2/NDF : 5.0/2

In: 0.054+/-0.053 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.020 χ^2/NDF : 5.0/2

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 36.245+/-0.038 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.383+/-0.015 χ^2/NDF : 124090.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

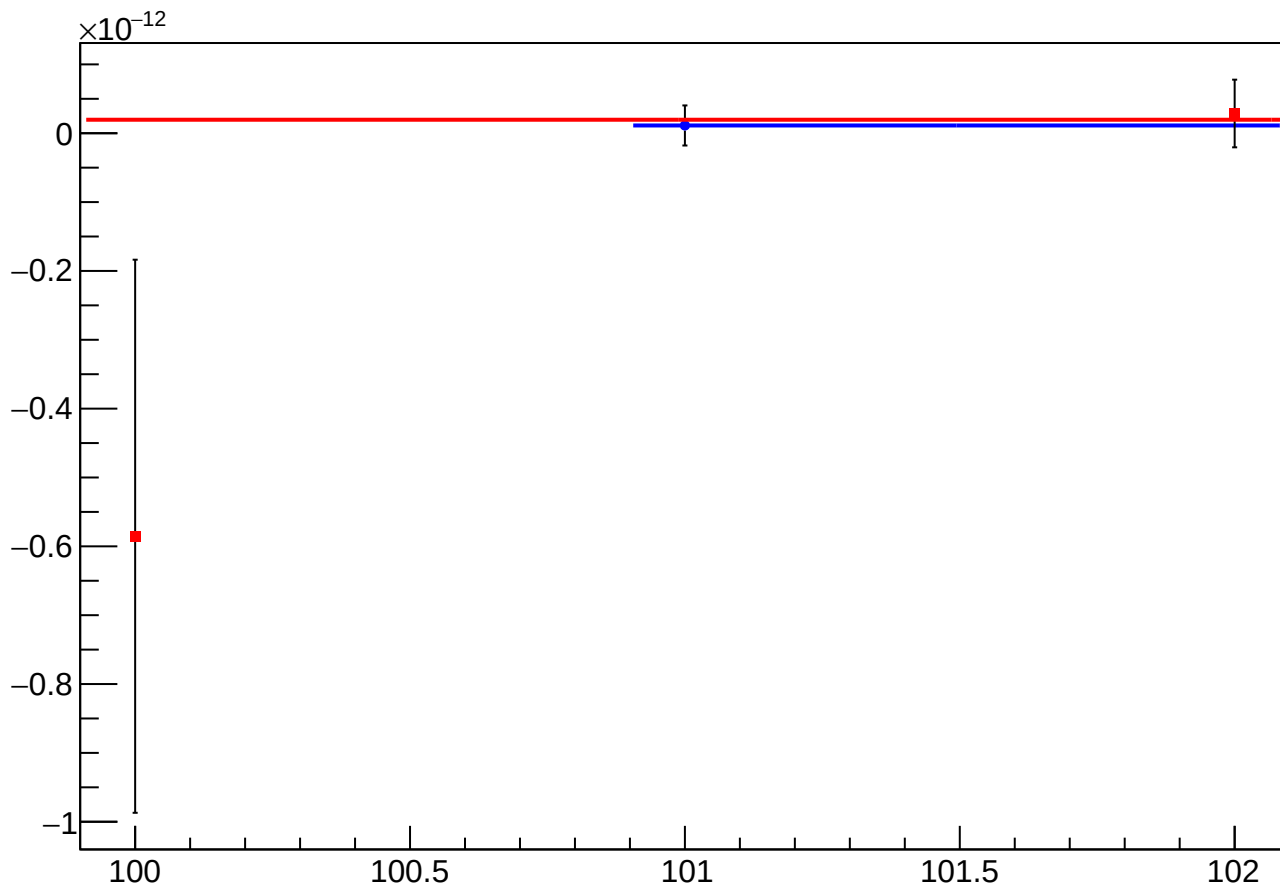
Right: 17.459+/-0.014 χ^2/NDF : 414095.3/2

In: 36.245+/-0.038 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.459+/-0.014 χ^2/NDF : 414095.3/2

asym_sam_37_avg_eigen_cor_vs_cor_diff_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 : 2.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

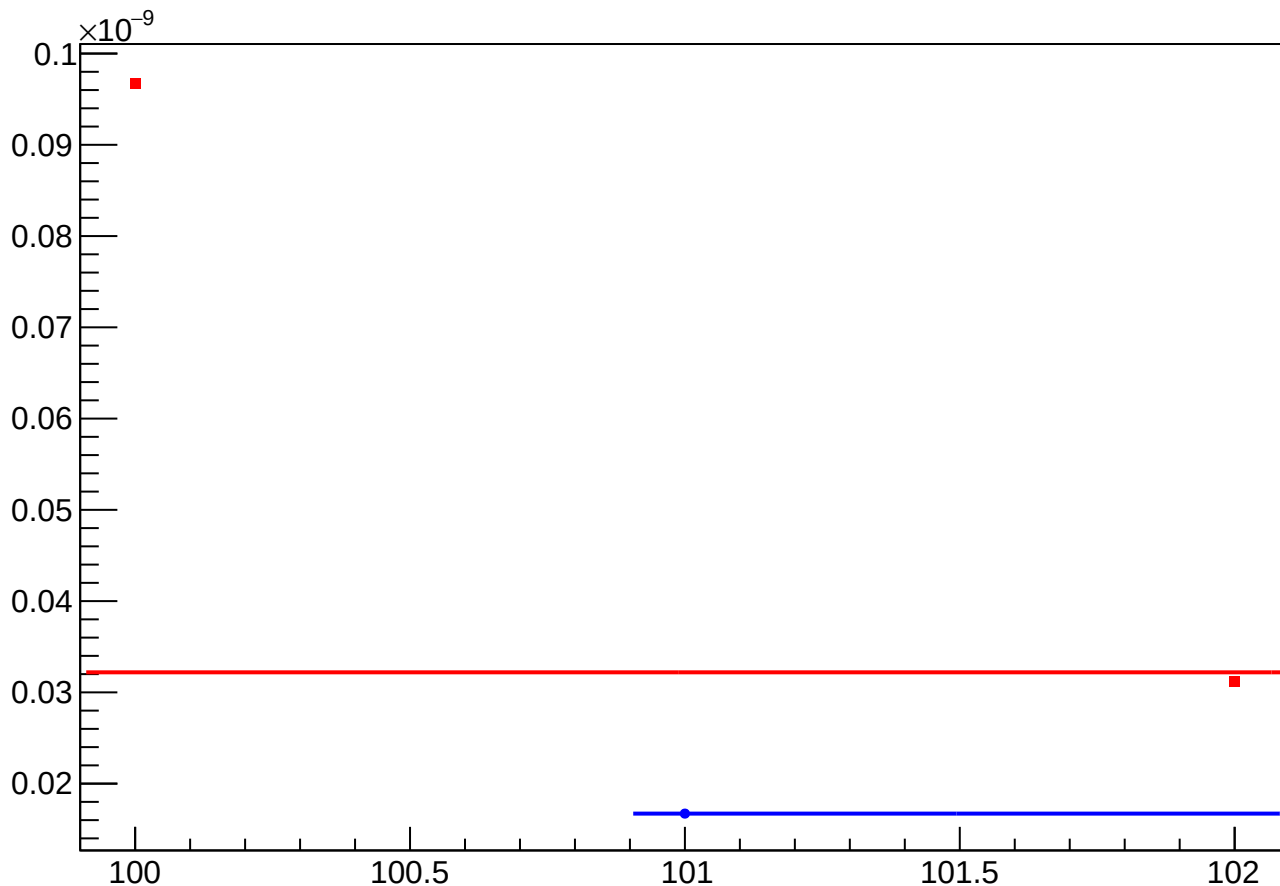
Right: 0.000+/-0.000 χ^2/NDF : 2.3/2

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 : 2.3/2

asym_sam_37_avg_eigen_cor_vs_cor_diff_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 : 52424.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

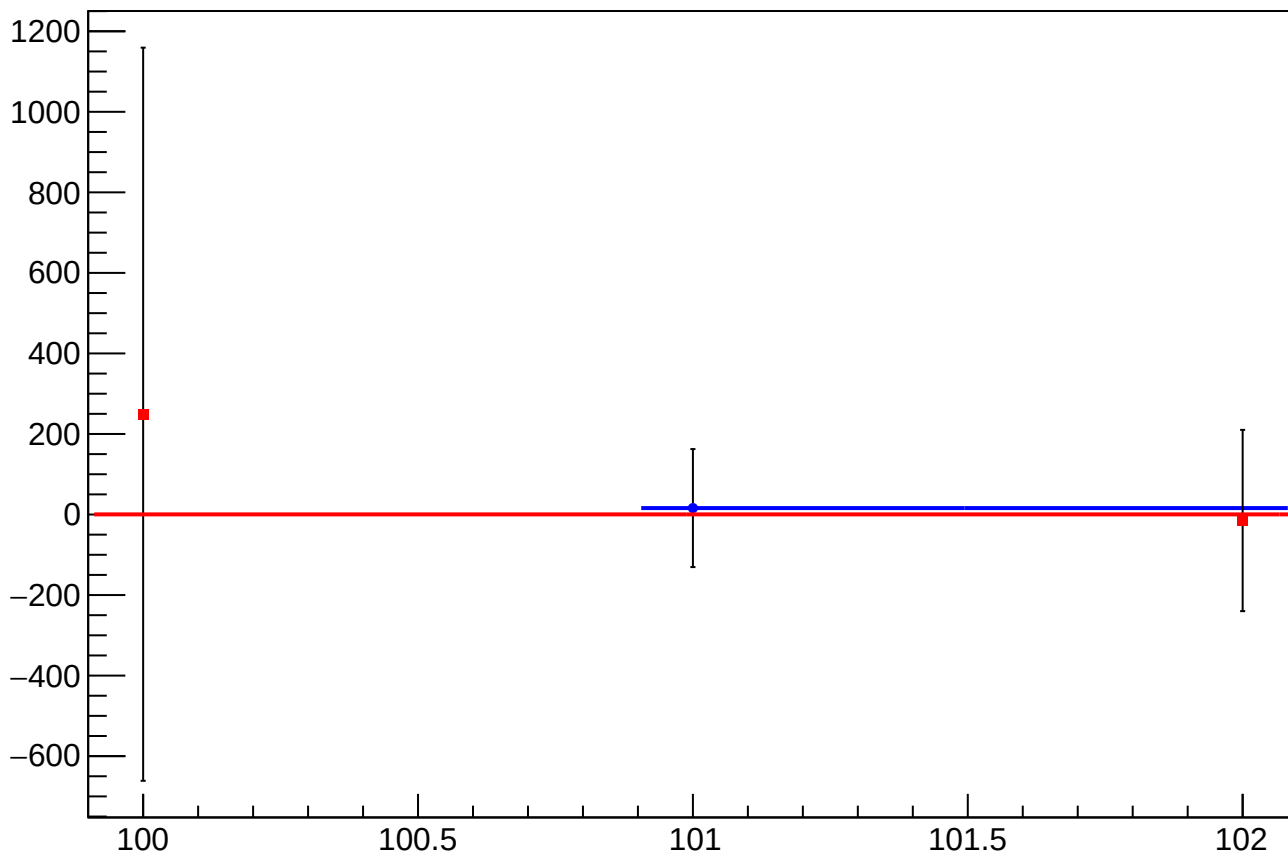
Right: 0.000+/-0.000 χ^2/NDF : 201052.4/2

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 : 201052.4/2

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 15.987+/-146.544 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.311+/-218.503 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

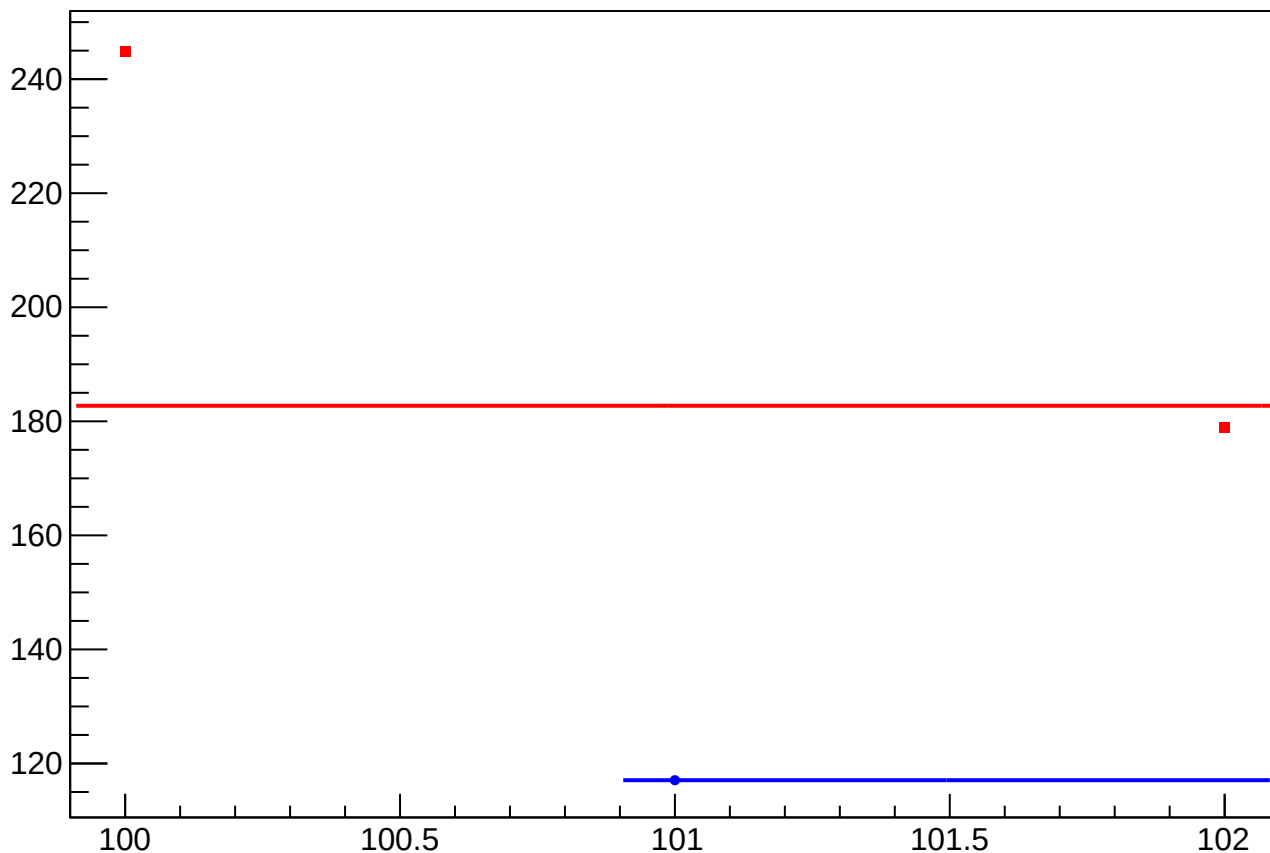
Right: 11.123+/-121.707 χ^2/NDF : 0.1/2

In: 15.987+/-146.544 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.123+/-121.707 χ^2/NDF : 0.1/2

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 117.067 $\pm$ 0.104 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 182.728 $\pm$ 0.155 χ^2 /NDF: 9892.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

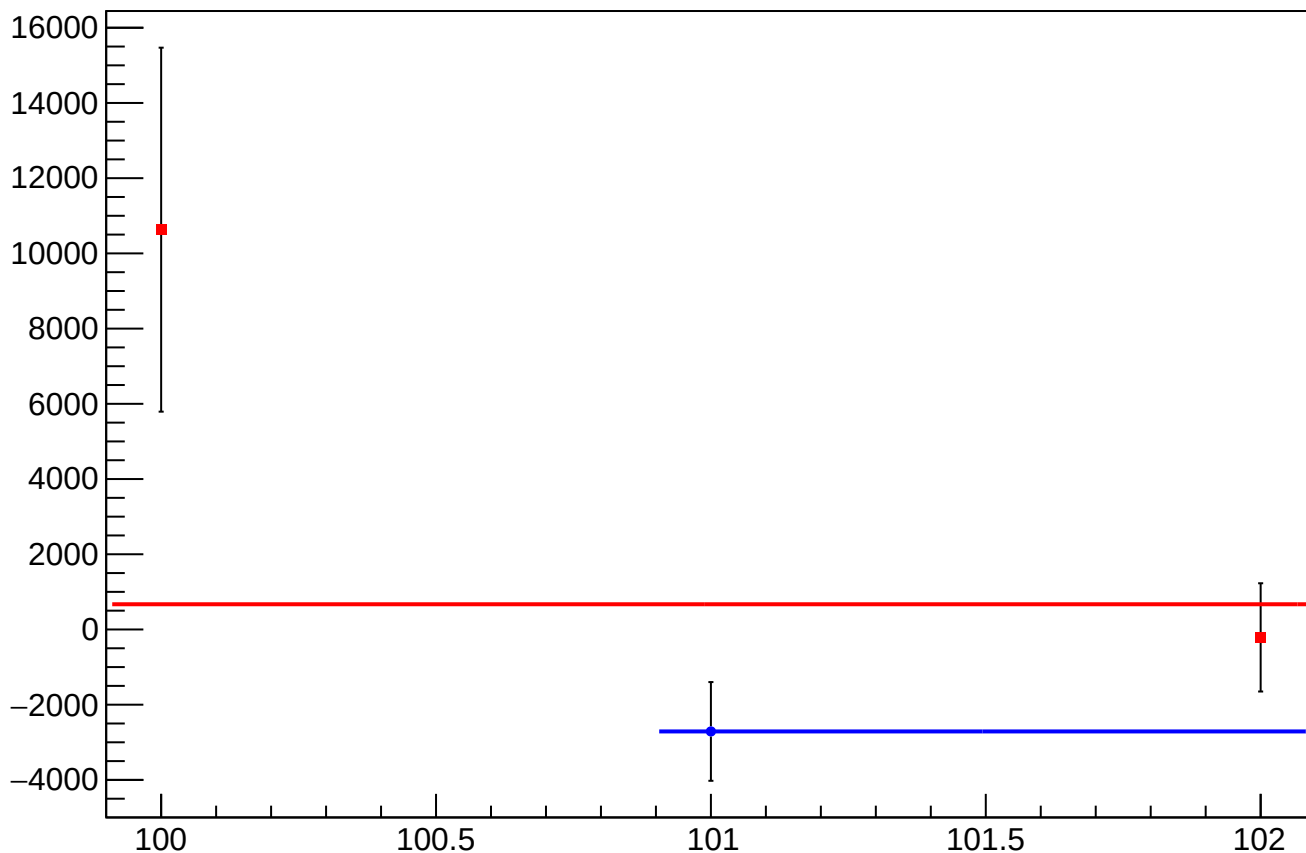
Right: 137.438 $\pm$ 0.086 χ^2 /NDF: 134466.0/2

In: 117.067 $\pm$ 0.104 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 137.438 $\pm$ 0.086 χ^2 /NDF: 134466.0/2

asym_sam_48_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -2711.118 $\pm$ 1312.612 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 670.570 $\pm$ 1379.502 χ^2 /NDF: 4.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

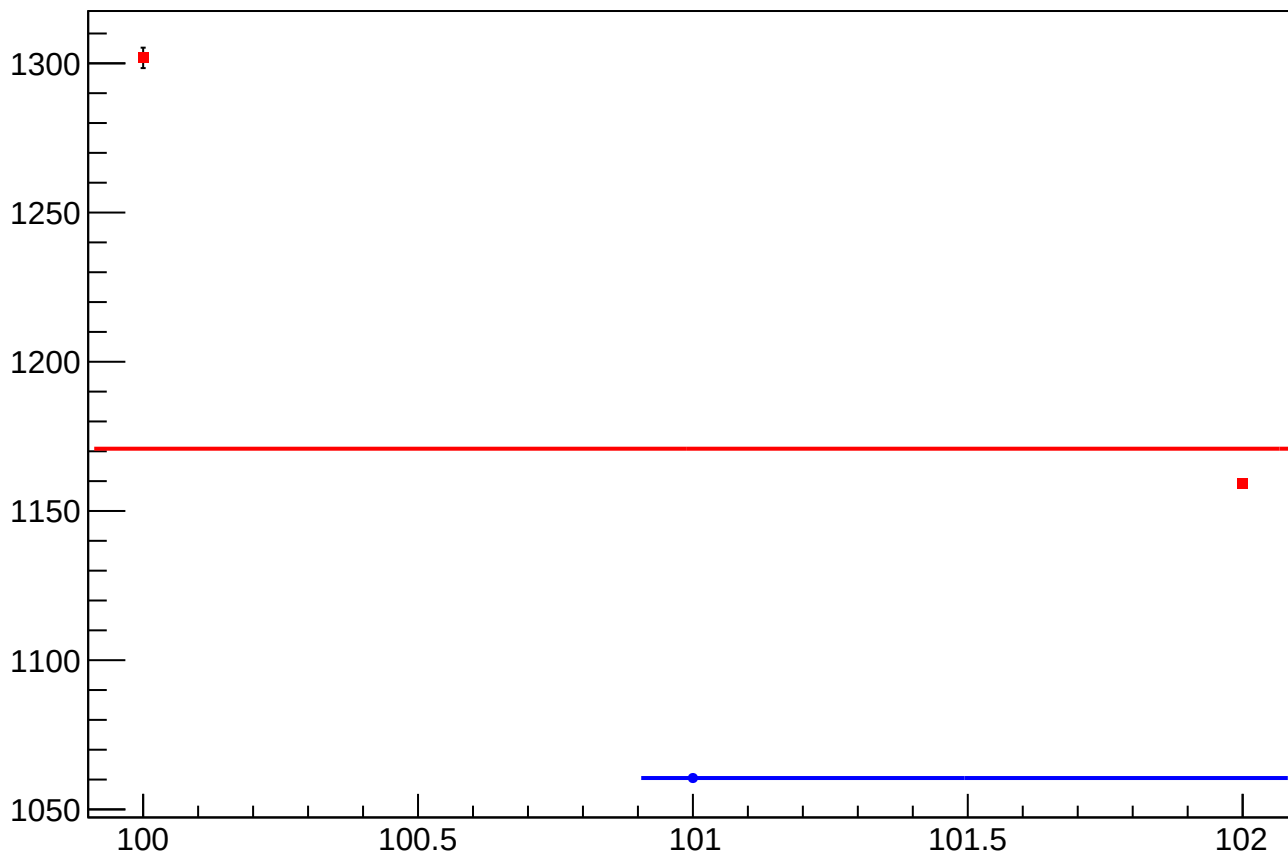
Right: -1104.246 $\pm$ 950.925 χ^2 /NDF: 7.8/2

In: -2711.118 $\pm$ 1312.612 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1104.246 $\pm$ 950.925 χ^2 /NDF: 7.8/2

asym_sam_48_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1060.513 $\pm$ 0.928 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1170.866 $\pm$ 0.975 χ^2 /NDF: 1594.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

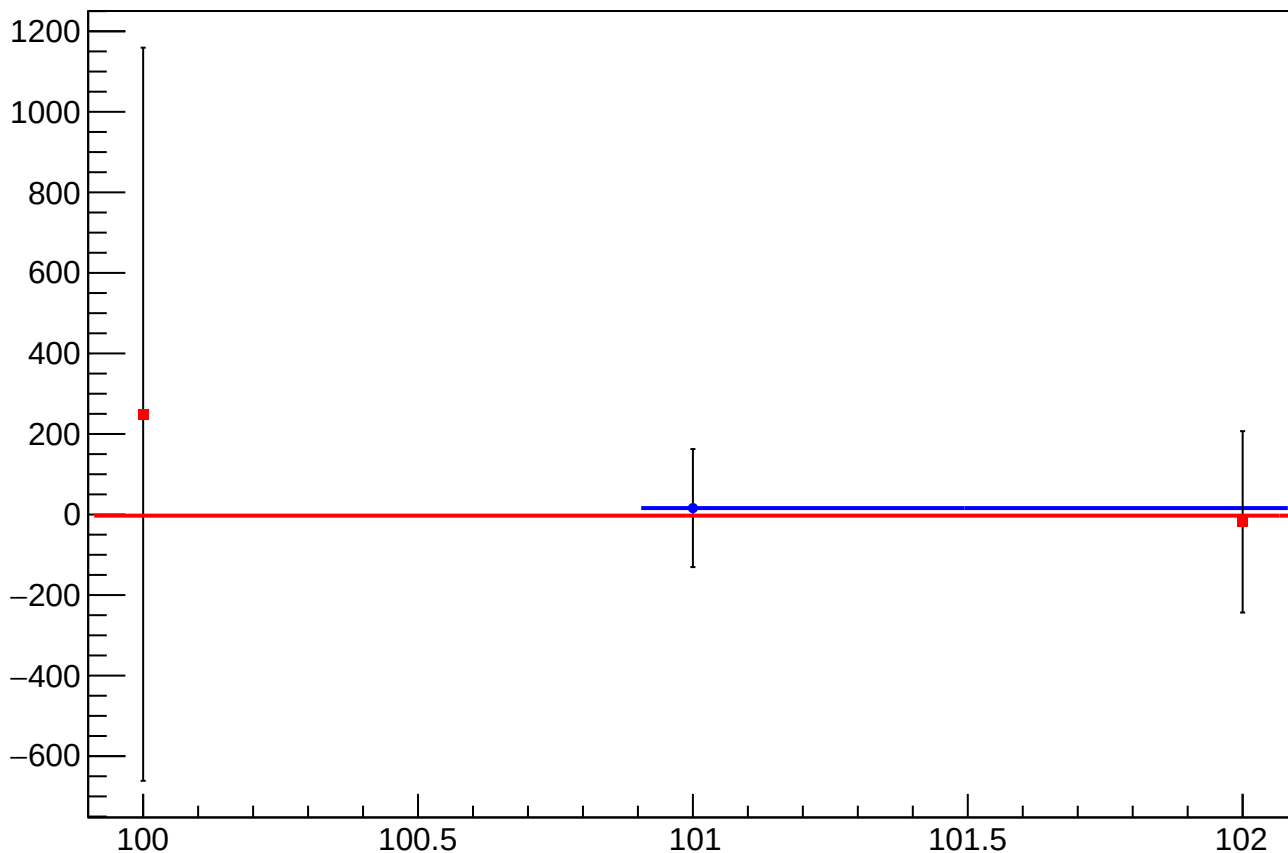
Right: 1112.949 $\pm$ 0.672 χ^2 /NDF: 8311.3/2

In: 1060.513 $\pm$ 0.928 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1112.949 $\pm$ 0.672 χ^2 /NDF: 8311.3/2

cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 15.987 $\pm$ 146.544 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.770 $\pm$ 218.605 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

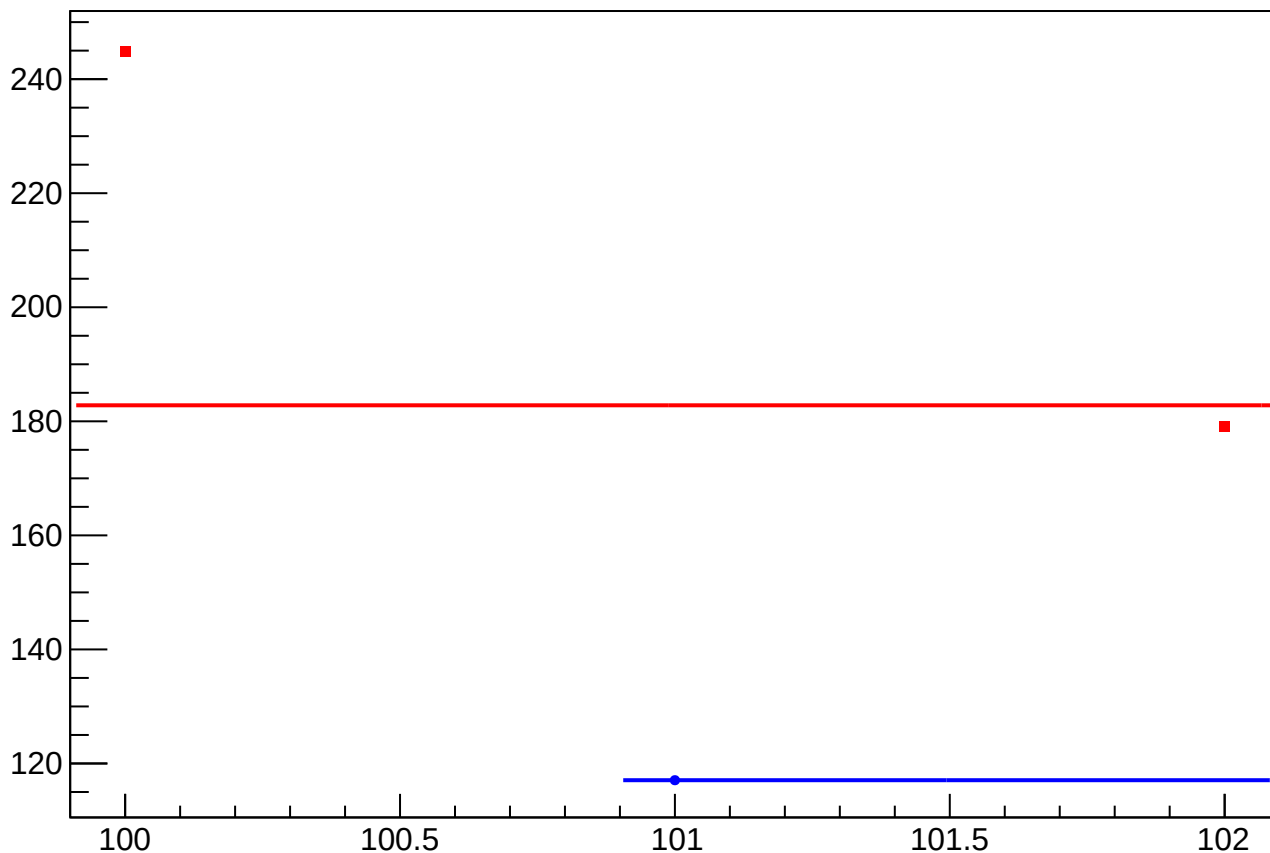
Right: 10.172 $\pm$ 121.724 χ^2 /NDF: 0.1/2

In: 15.987 $\pm$ 146.544 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.172 $\pm$ 121.724 χ^2 /NDF: 0.1/2

cor_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 117.067 $\pm$ 0.104 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 182.808 $\pm$ 0.155 χ^2 /NDF: 9868.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

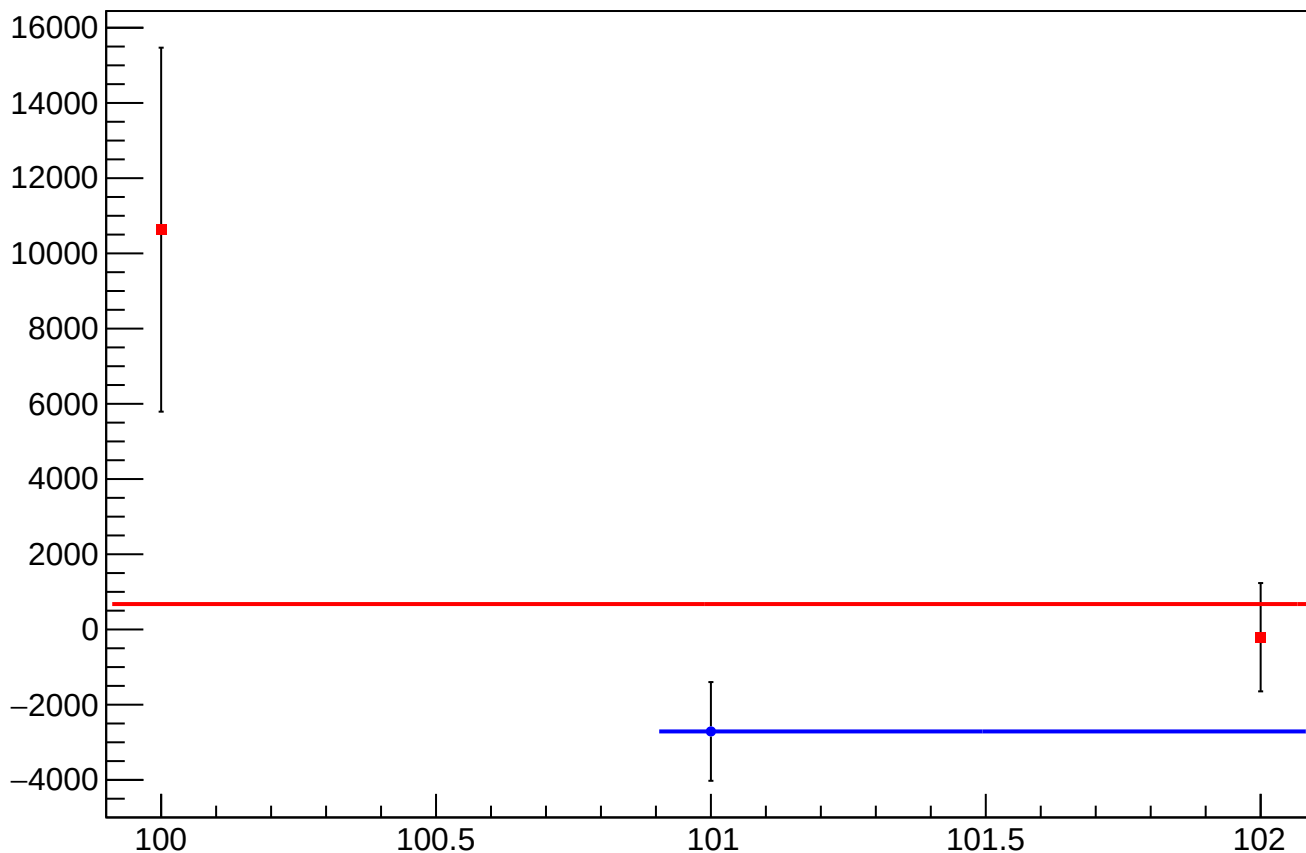
Right: 137.450 $\pm$ 0.086 χ^2 /NDF: 134662.8/2

In: 117.067 $\pm$ 0.104 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 137.450 $\pm$ 0.086 χ^2 /NDF: 134662.8/2

asym_sam_48_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -2711.123+/-1312.611 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 675.783+/-1380.158 χ^2/NDF : 4.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

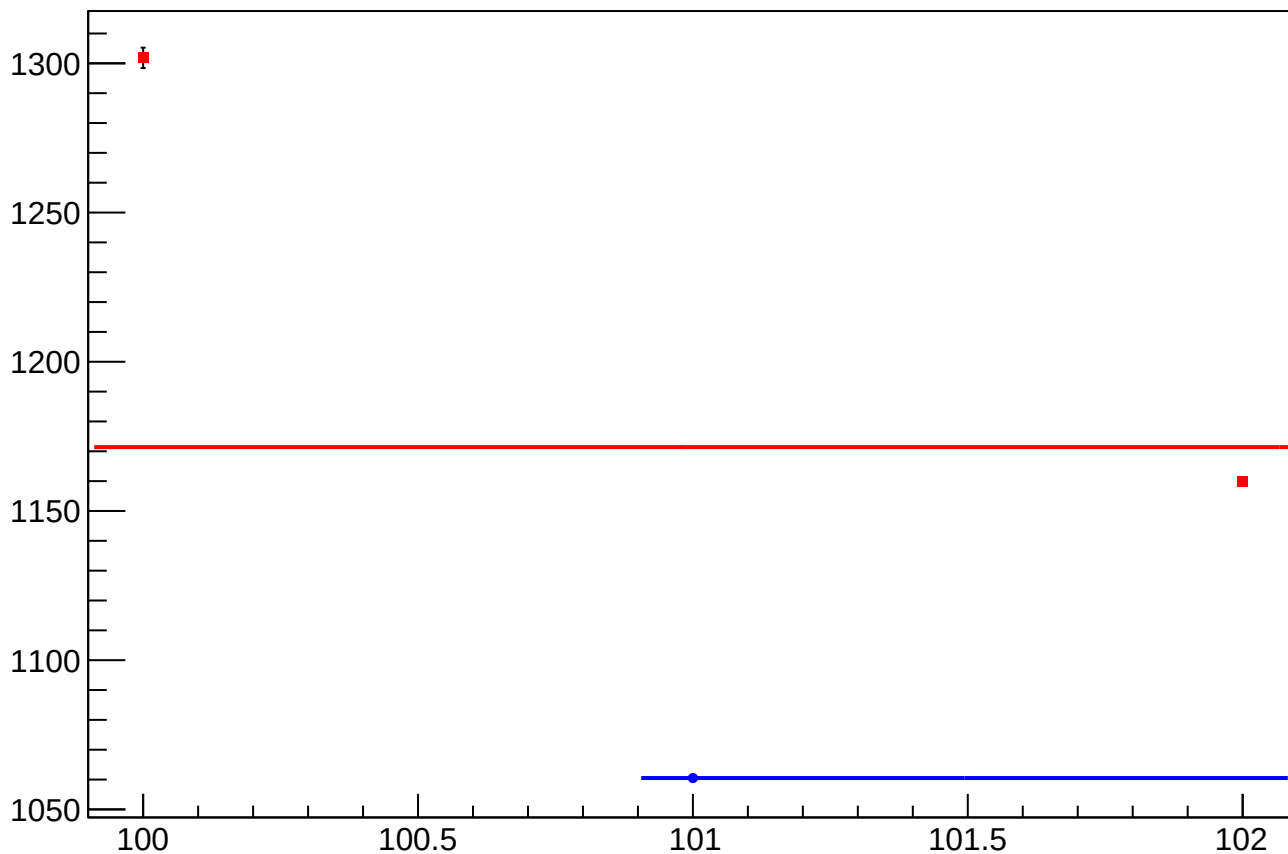
Right: -1102.576+/-951.139 χ^2/NDF : 7.8/2

In: -2711.123+/-1312.611 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1102.576+/-951.139 χ^2/NDF : 7.8/2

asym_sam_48_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1060.512 $\pm$ 0.928 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1171.402 $\pm$ 0.976 χ^2 /NDF: 1581.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

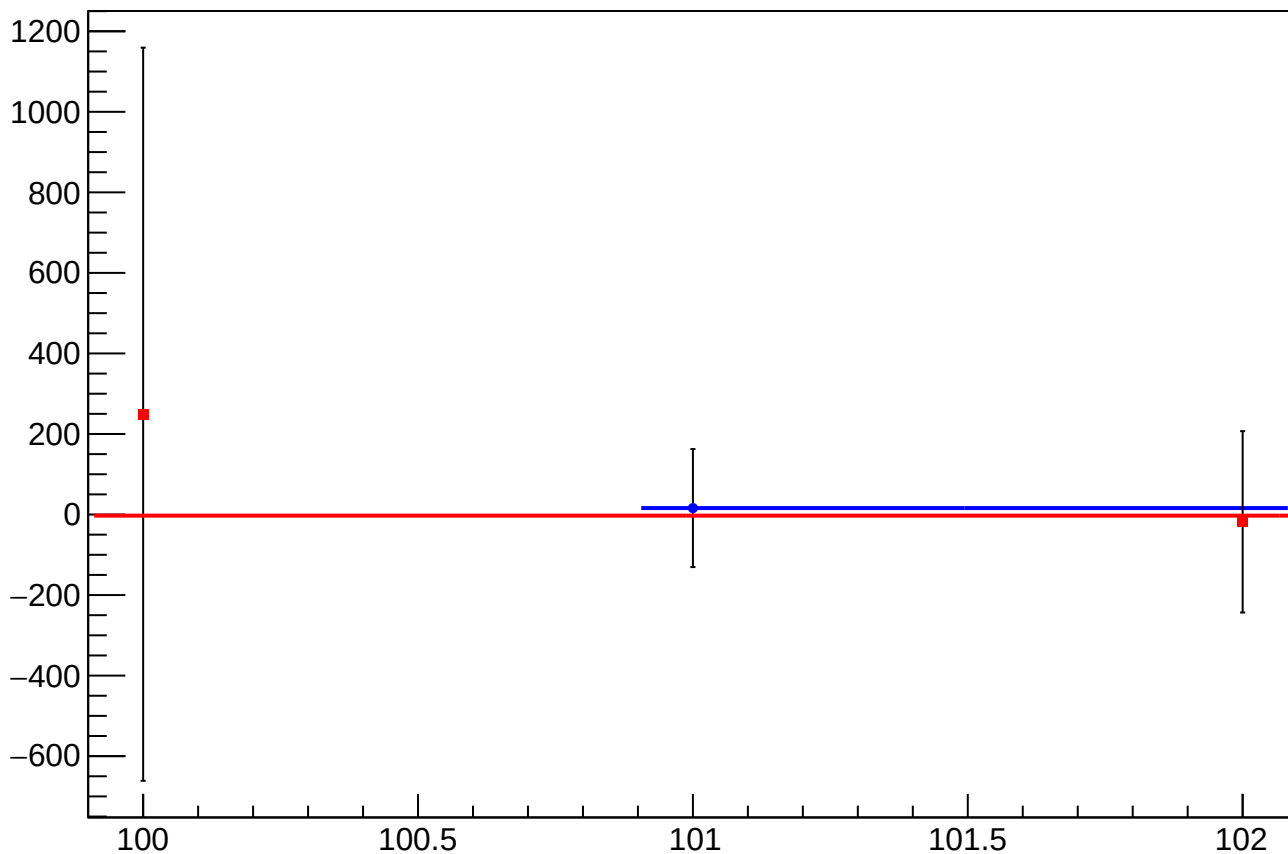
Right: 1113.177 $\pm$ 0.673 χ^2 /NDF: 8360.5/2

In: 1060.512 $\pm$ 0.928 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1113.177 $\pm$ 0.673 χ^2 /NDF: 8360.5/2

eigen_cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 15.987+/-146.544 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.770+/-218.605 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

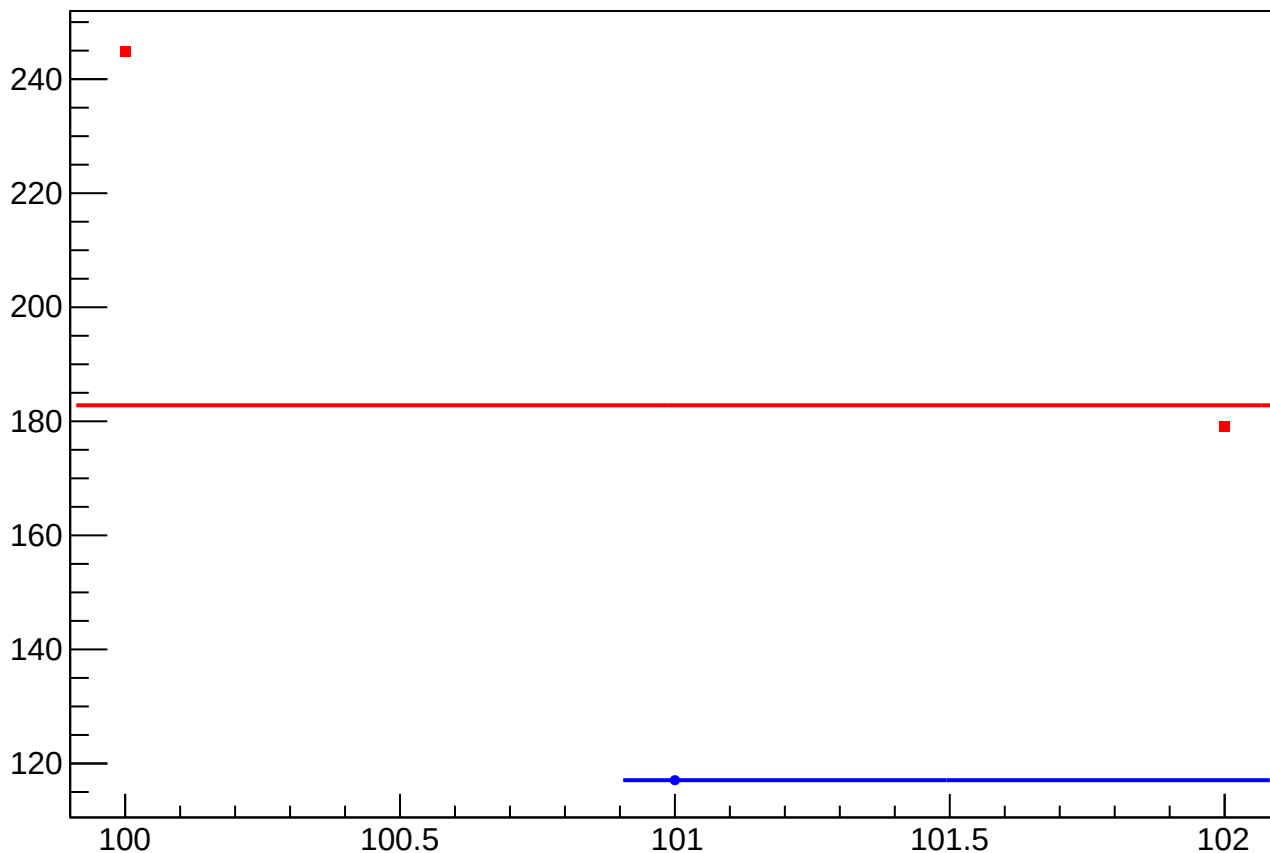
Right: 10.172+/-121.724 χ^2/NDF : 0.1/2

In: 15.987+/-146.544 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.172+/-121.724 χ^2/NDF : 0.1/2

eigen_cor_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 117.067 $\pm$ 0.104 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 182.808 $\pm$ 0.155 χ^2 /NDF: 9868.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

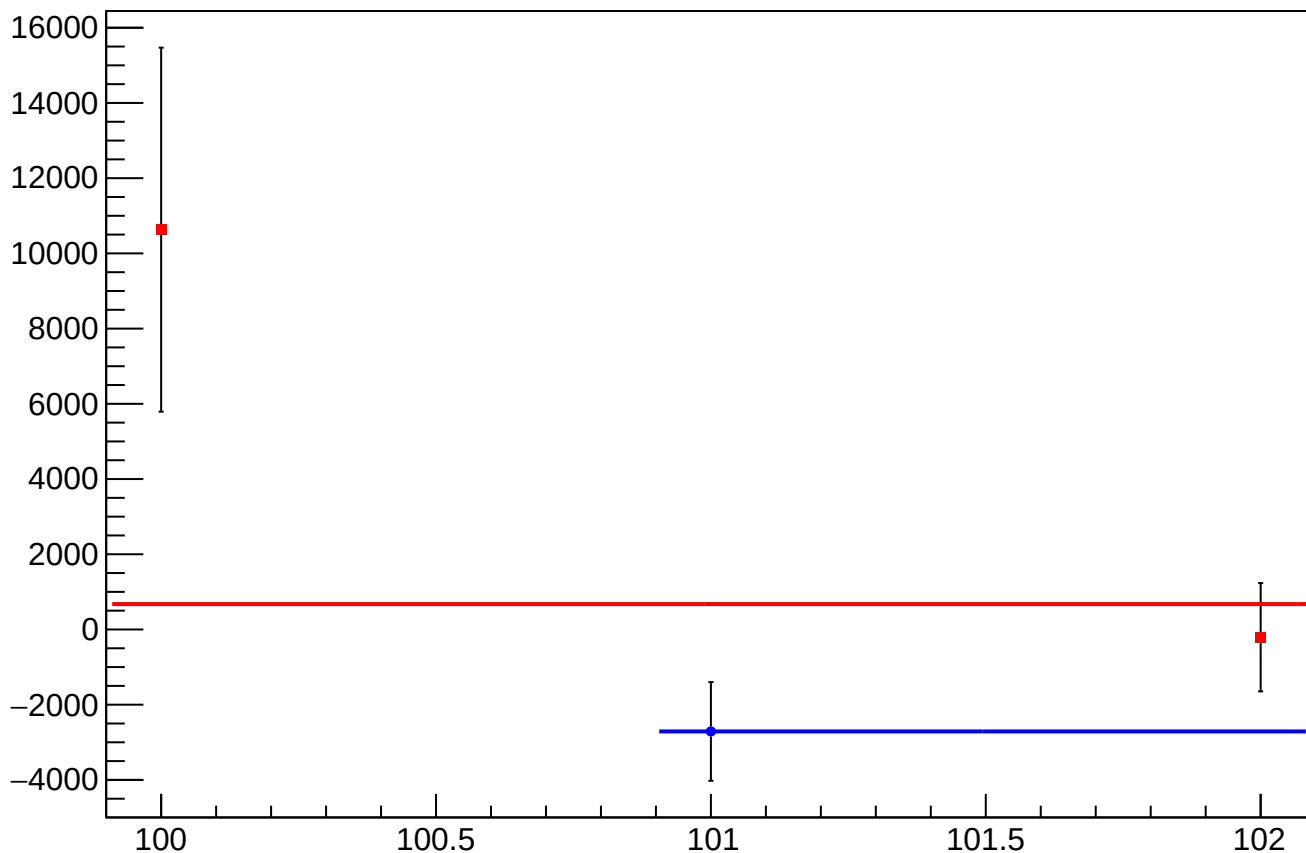
Right: 137.450 $\pm$ 0.086 χ^2 /NDF: 134662.8/2

In: 117.067 $\pm$ 0.104 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 137.450 $\pm$ 0.086 χ^2 /NDF: 134662.8/2

asym_sam_48_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -2711.123+/-1312.611 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 675.783+/-1380.158 χ^2/NDF : 4.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

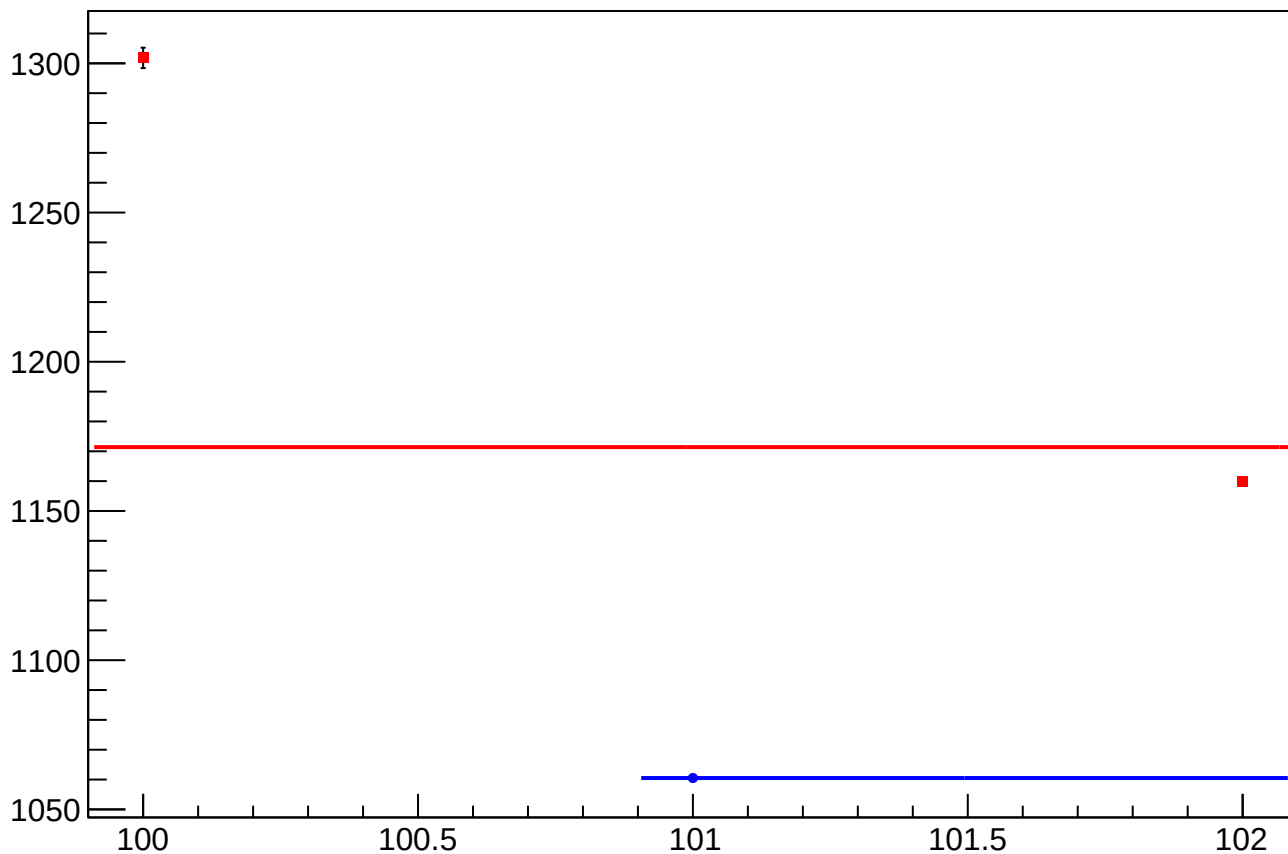
Right: -1102.576+/-951.139 χ^2/NDF : 7.8/2

In: -2711.123+/-1312.611 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1102.576+/-951.139 χ^2/NDF : 7.8/2

asym_sam_48_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1060.512 $\pm$ 0.928 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1171.402 $\pm$ 0.976 χ^2 /NDF: 1581.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

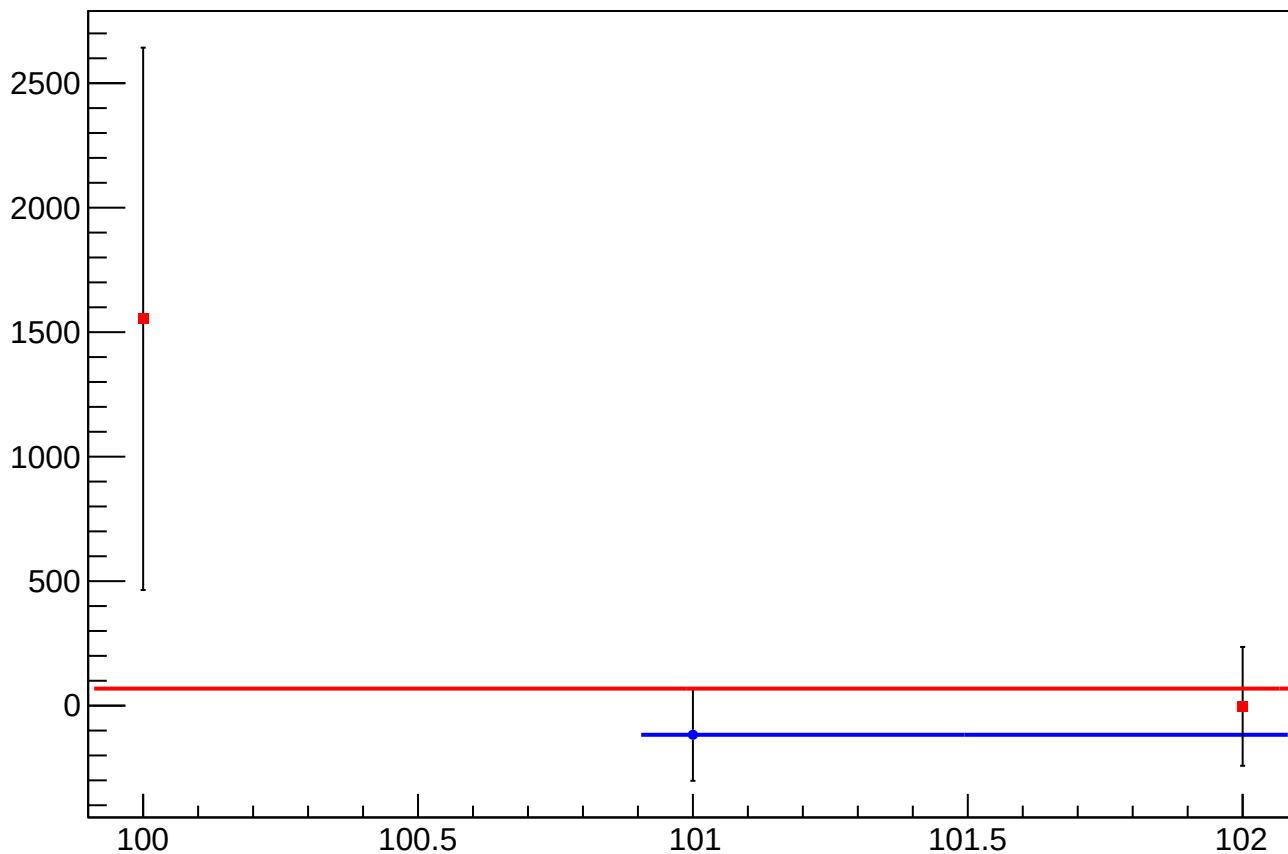
Right: 1113.177 $\pm$ 0.673 χ^2 /NDF: 8360.5/2

In: 1060.512 $\pm$ 0.928 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1113.177 $\pm$ 0.673 χ^2 /NDF: 8360.5/2

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -116.997 $\pm$ 184.793 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 68.562 $\pm$ 233.199 χ^2 /NDF: 1.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

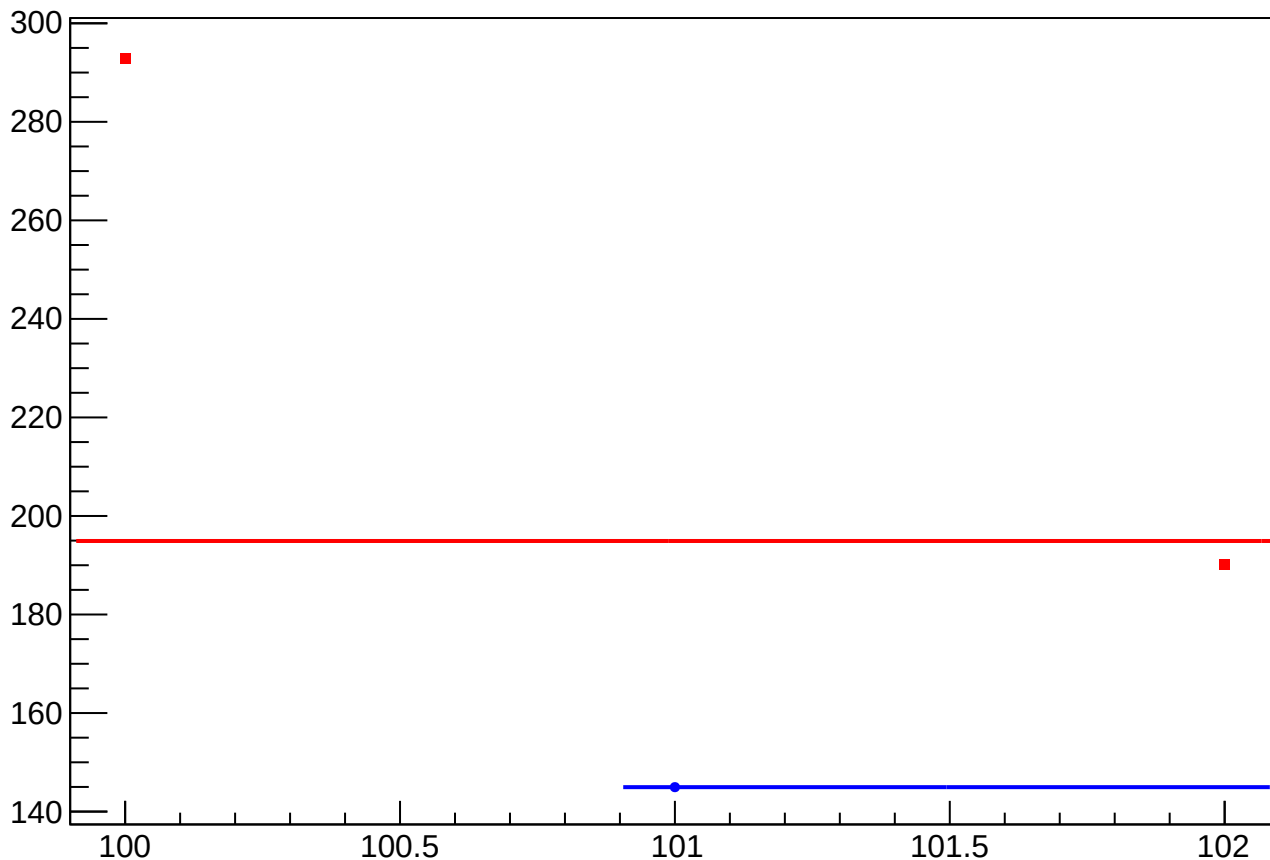
Right: -45.422 $\pm$ 144.833 χ^2 /NDF: 2.3/2

In: -116.997 $\pm$ 184.793 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -45.422 $\pm$ 144.833 χ^2 /NDF: 2.3/2

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 144.957 $\pm$ 0.131 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 194.923 $\pm$ 0.165 χ^2 /NDF: 16949.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

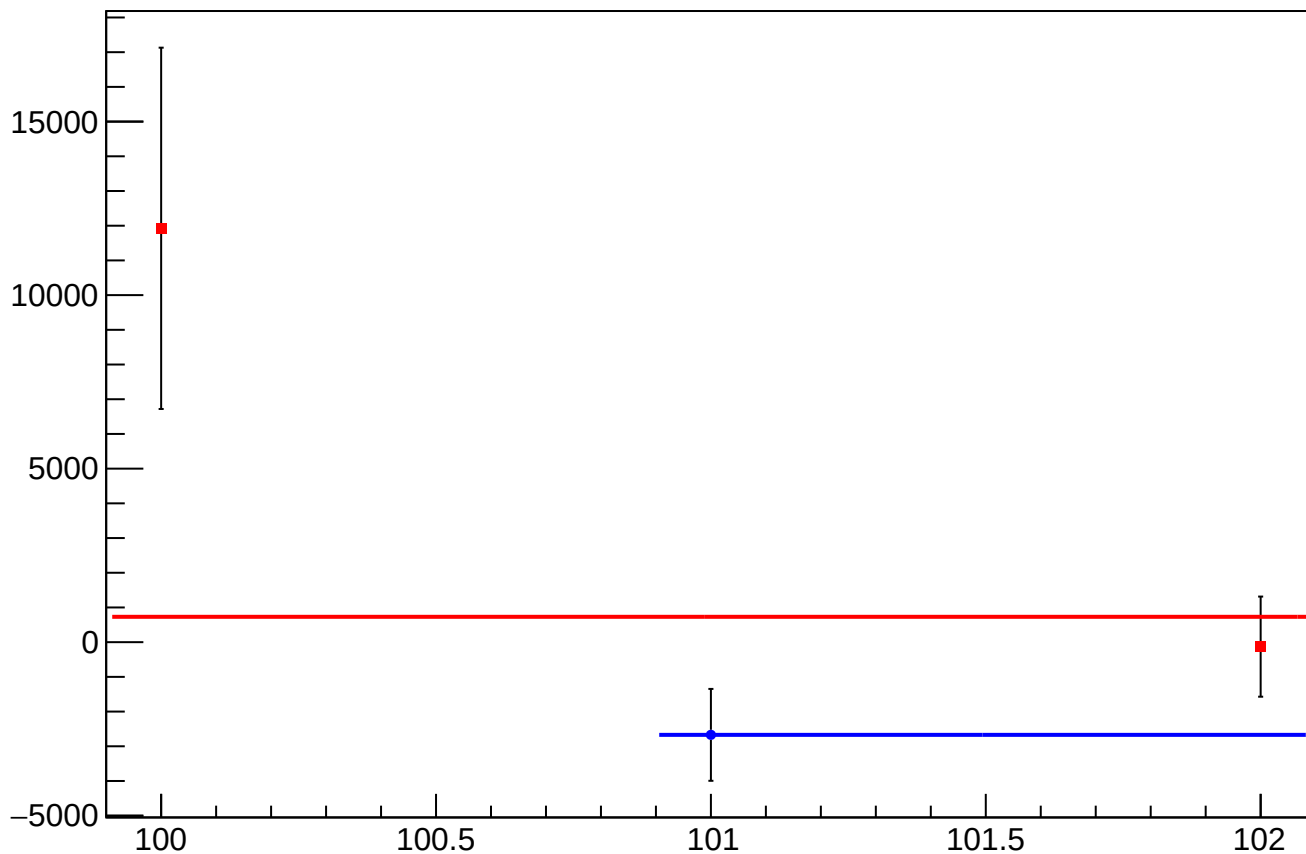
Right: 164.230 $\pm$ 0.102 χ^2 /NDF: 73350.2/2

In: 144.957 $\pm$ 0.131 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 164.230 $\pm$ 0.102 χ^2 /NDF: 73350.2/2

asym_sam_48_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -2670.943±/-1323.685 χ^2 /NDF: 0.0/0

Left Out: 0.000±/-0.000 χ^2 /NDF:0.0/0

Right Out: 730.716±/-1390.194 χ^2 /NDF: 5.0/1

Left In: 0.000±/-0.000 χ^2 /NDF:0.0/0

Left: 0.000±/-0.000 χ^2 /NDF: 0.0/0

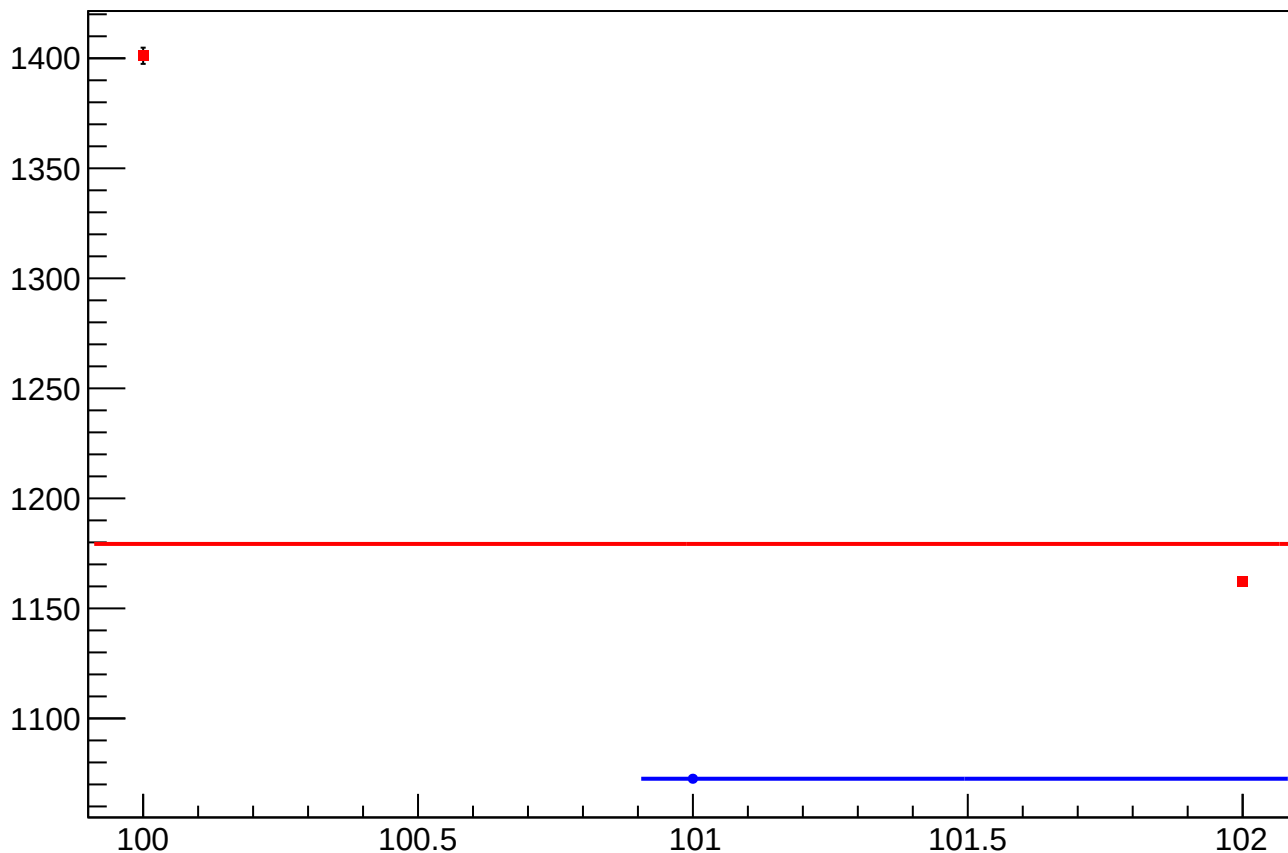
Right: -1053.427±/-958.637 χ^2 /NDF: 8.1/2

In: -2670.943±/-1323.685 χ^2 /NDF:0.0/0

Out: 0.000±/-0.000 χ^2 /NDF:0.0/0

All: -1053.427±/-958.637 χ^2 /NDF: 8.1/2

asym_sam_48_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1072.590 $\pm$ 0.936 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1179.300 $\pm$ 0.983 χ^2 /NDF: 3911.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

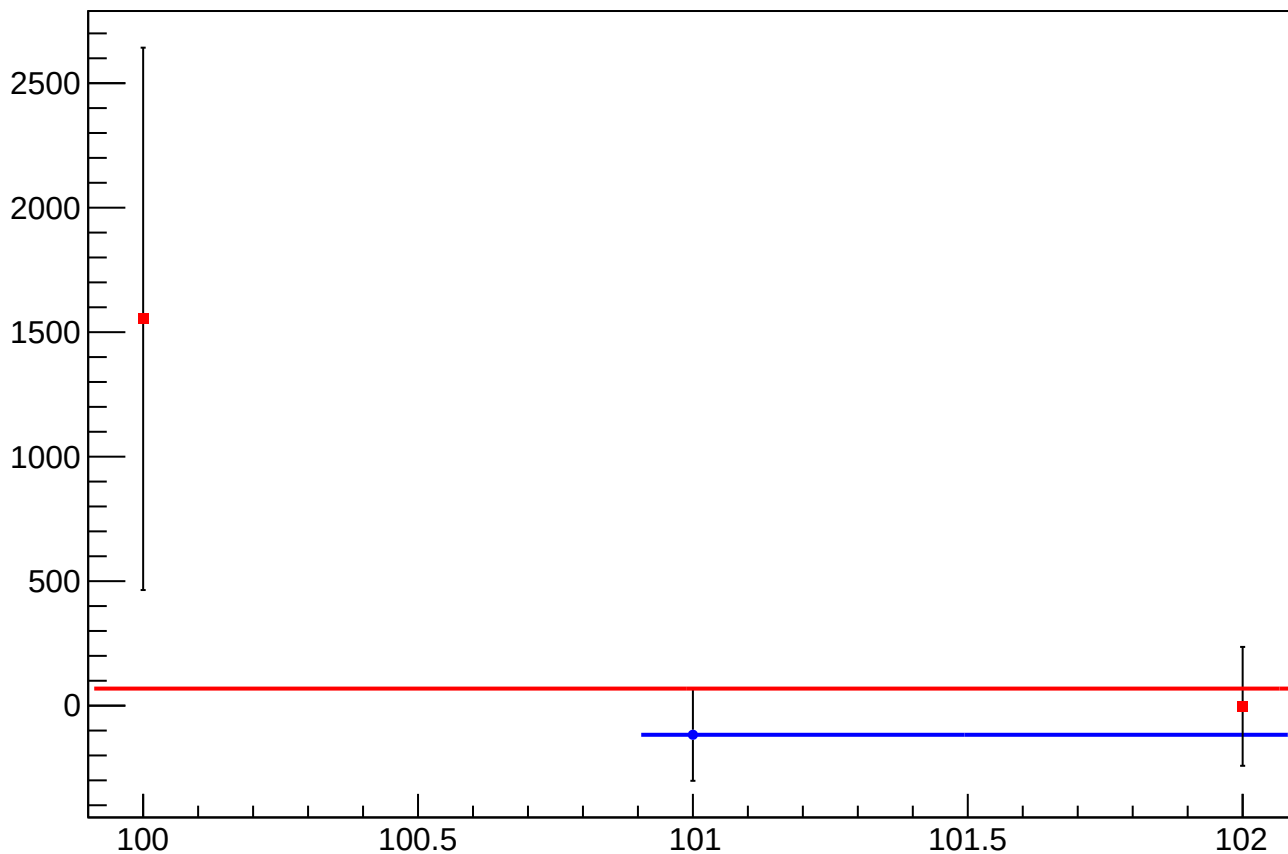
Right: 1123.331 $\pm$ 0.678 χ^2 /NDF: 10091.9/2

In: 1072.590 $\pm$ 0.936 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1123.331 $\pm$ 0.678 χ^2 /NDF: 10091.9/2

eigen_dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -116.993+/-184.794 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.562+/-233.199 χ^2/NDF : 1.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

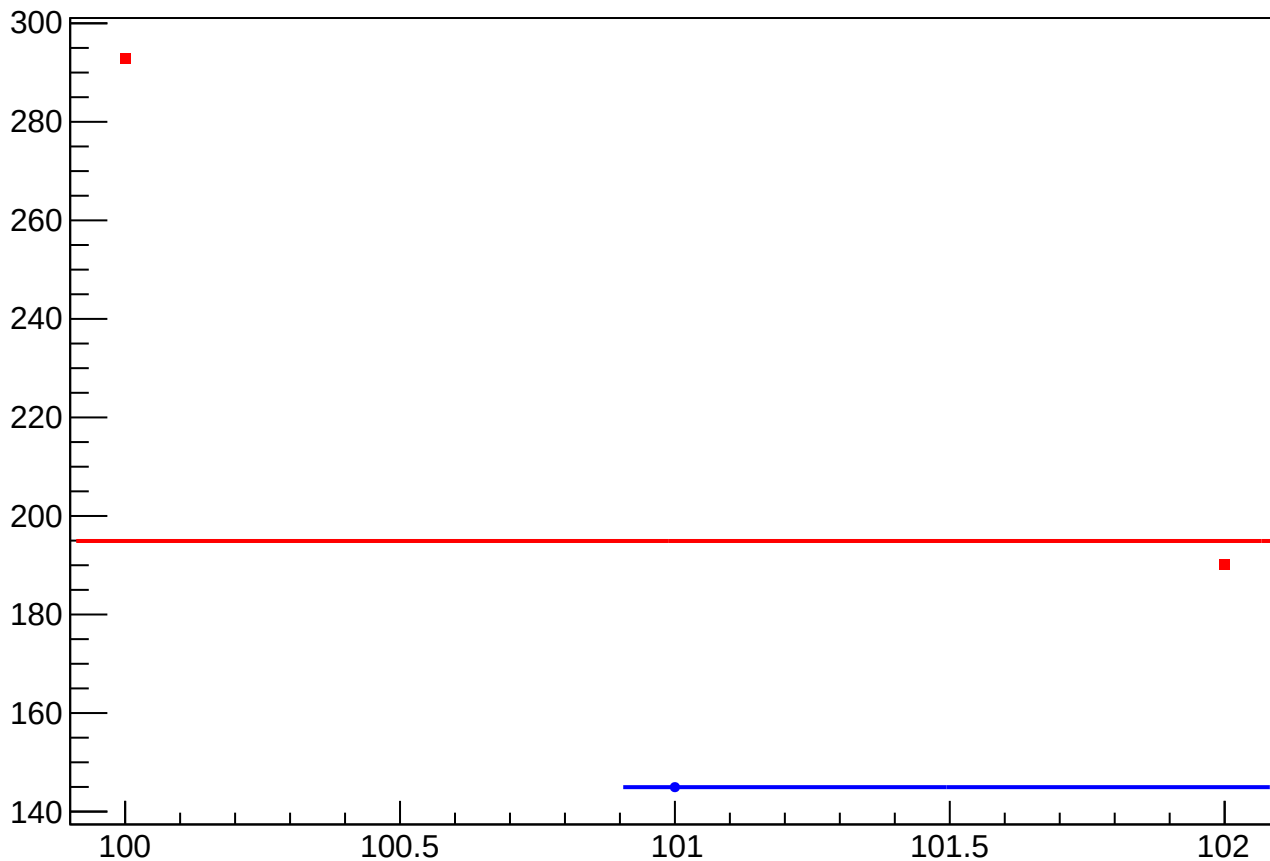
Right: -45.419+/-144.833 χ^2/NDF : 2.3/2

In: -116.993+/-184.794 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -45.419+/-144.833 χ^2/NDF : 2.3/2

eigen_dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 144.958 $\pm$ 0.131 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 194.923 $\pm$ 0.165 χ^2 /NDF: 16949.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

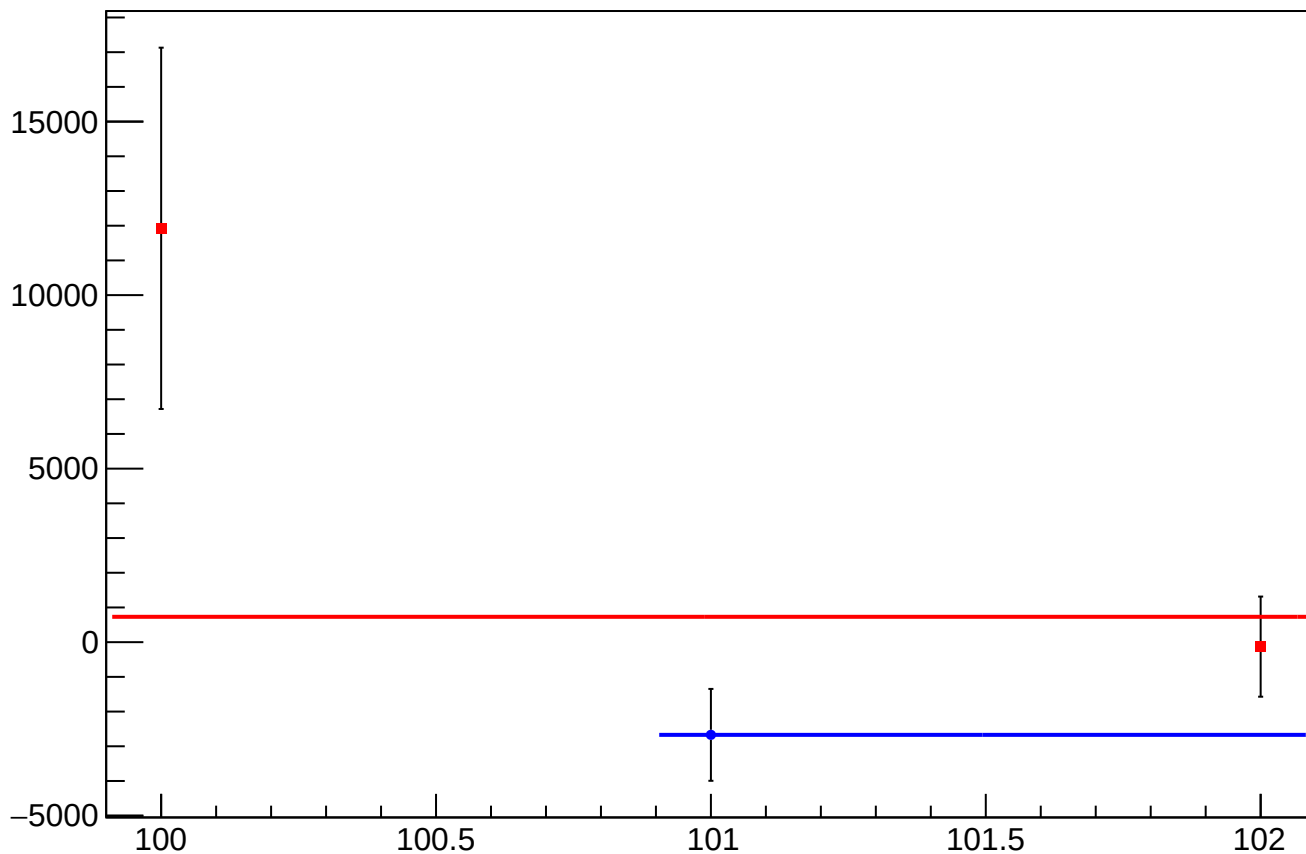
Right: 164.231 $\pm$ 0.102 χ^2 /NDF: 73348.8/2

In: 144.958 $\pm$ 0.131 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 164.231 $\pm$ 0.102 χ^2 /NDF: 73348.8/2

asym_sam_48_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -2670.943+/-1323.685 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 730.718+/-1390.194 χ^2 /NDF: 5.0/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

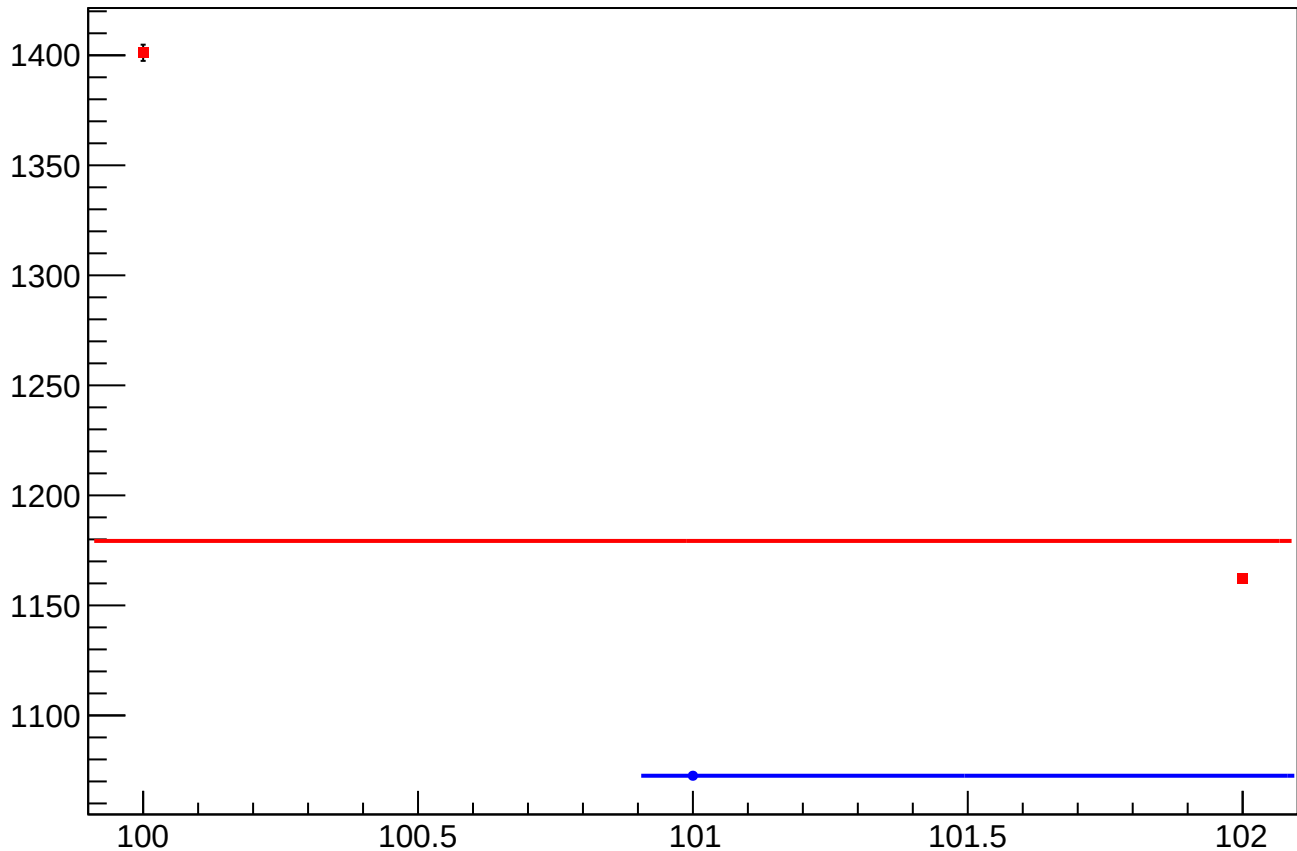
Right: -1053.427+/-958.637 χ^2 /NDF: 8.1/2

In: -2670.943+/-1323.685 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1053.427+/-958.637 χ^2 /NDF: 8.1/2

asym_sam_48_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1072.589 $\pm$ 0.936 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1179.300 $\pm$ 0.983 χ^2 /NDF: 3911.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

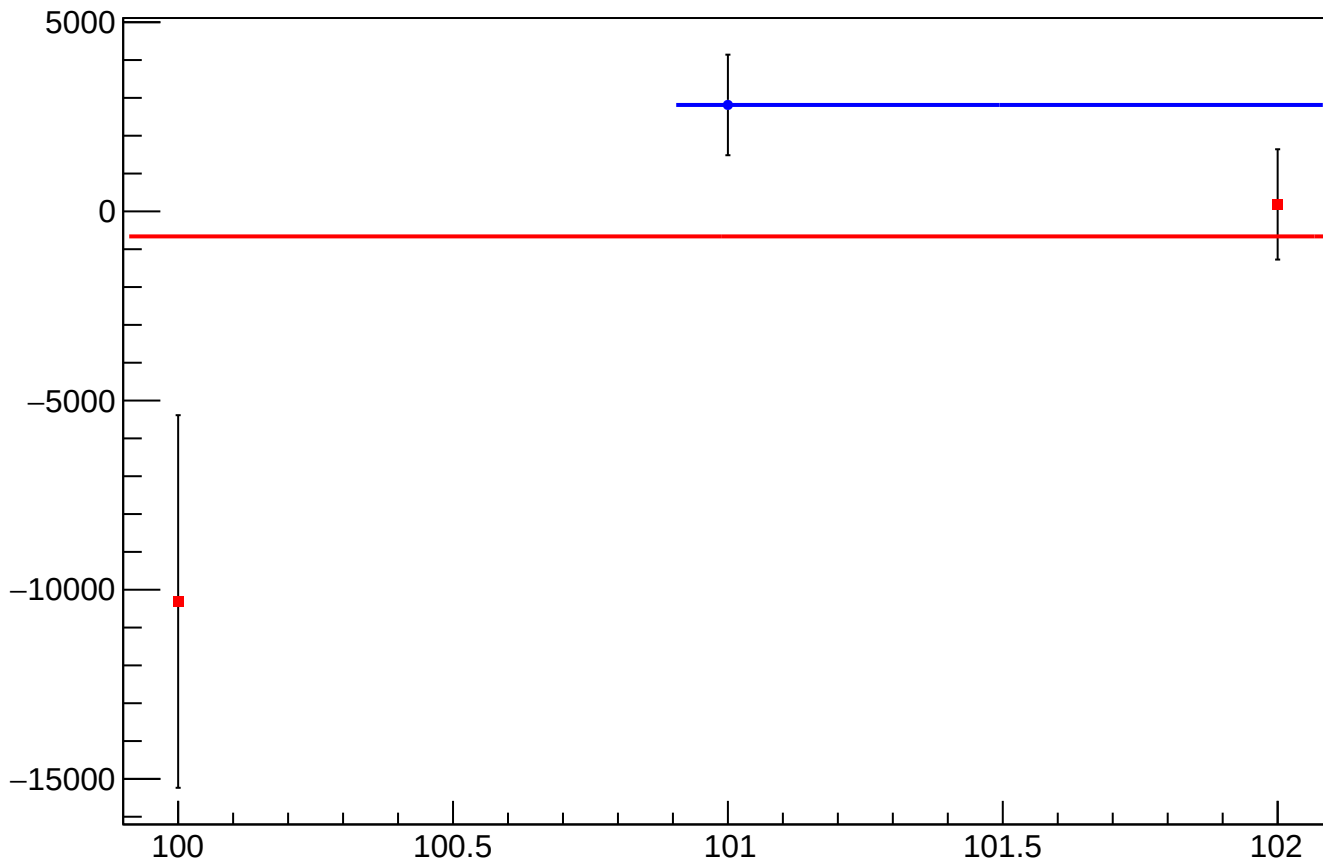
Right: 1123.331 $\pm$ 0.678 χ^2 /NDF: 10091.9/2

In: 1072.589 $\pm$ 0.936 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1123.331 $\pm$ 0.678 χ^2 /NDF: 10091.9/2

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 2813.120+/-1328.906 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -661.371+/-1397.795 χ^2/NDF : 4.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

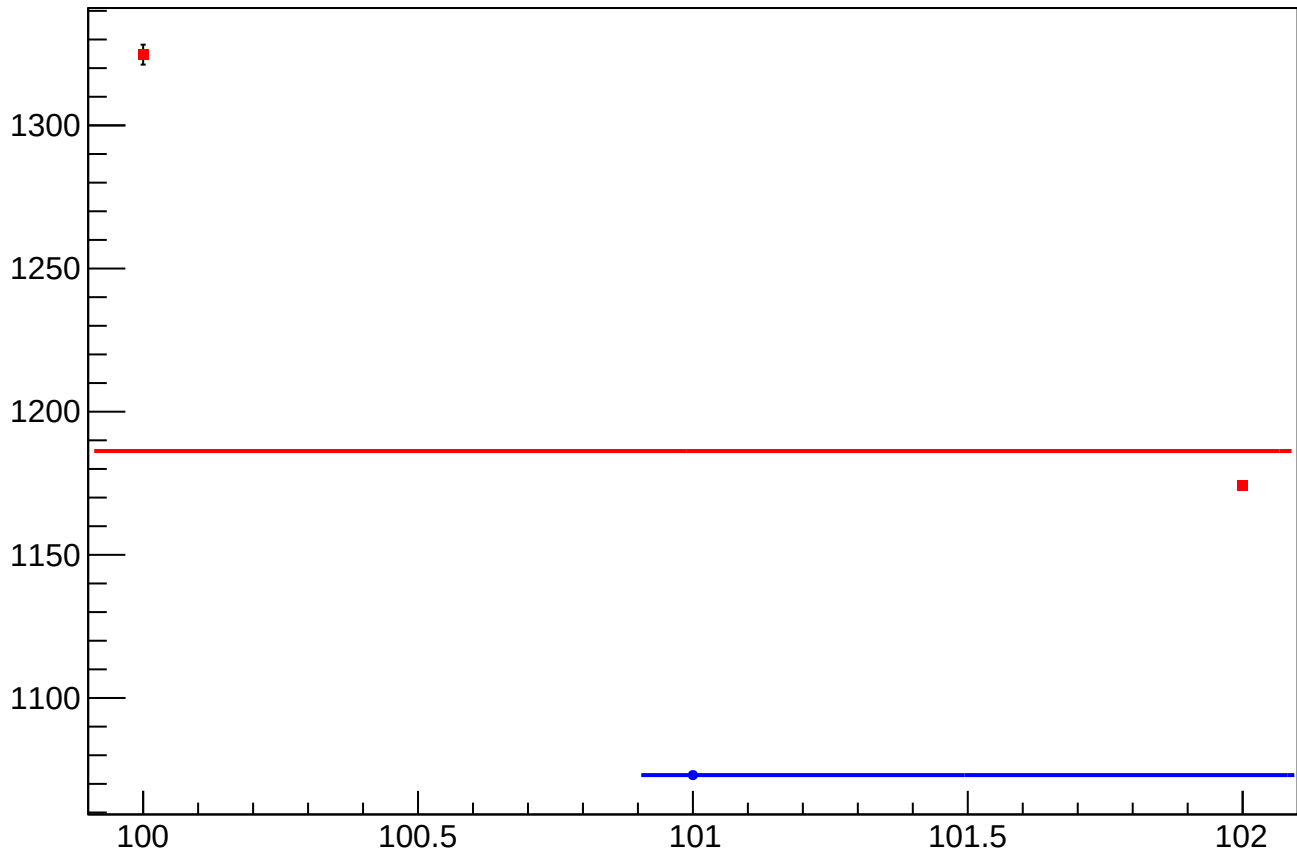
Right: 1163.601+/-963.111 χ^2/NDF : 7.4/2

In: 2813.120+/-1328.906 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1163.601+/-963.111 χ^2/NDF : 7.4/2

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1073.063+/-0.940 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1186.261+/-0.988 χ^2/NDF : 1719.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

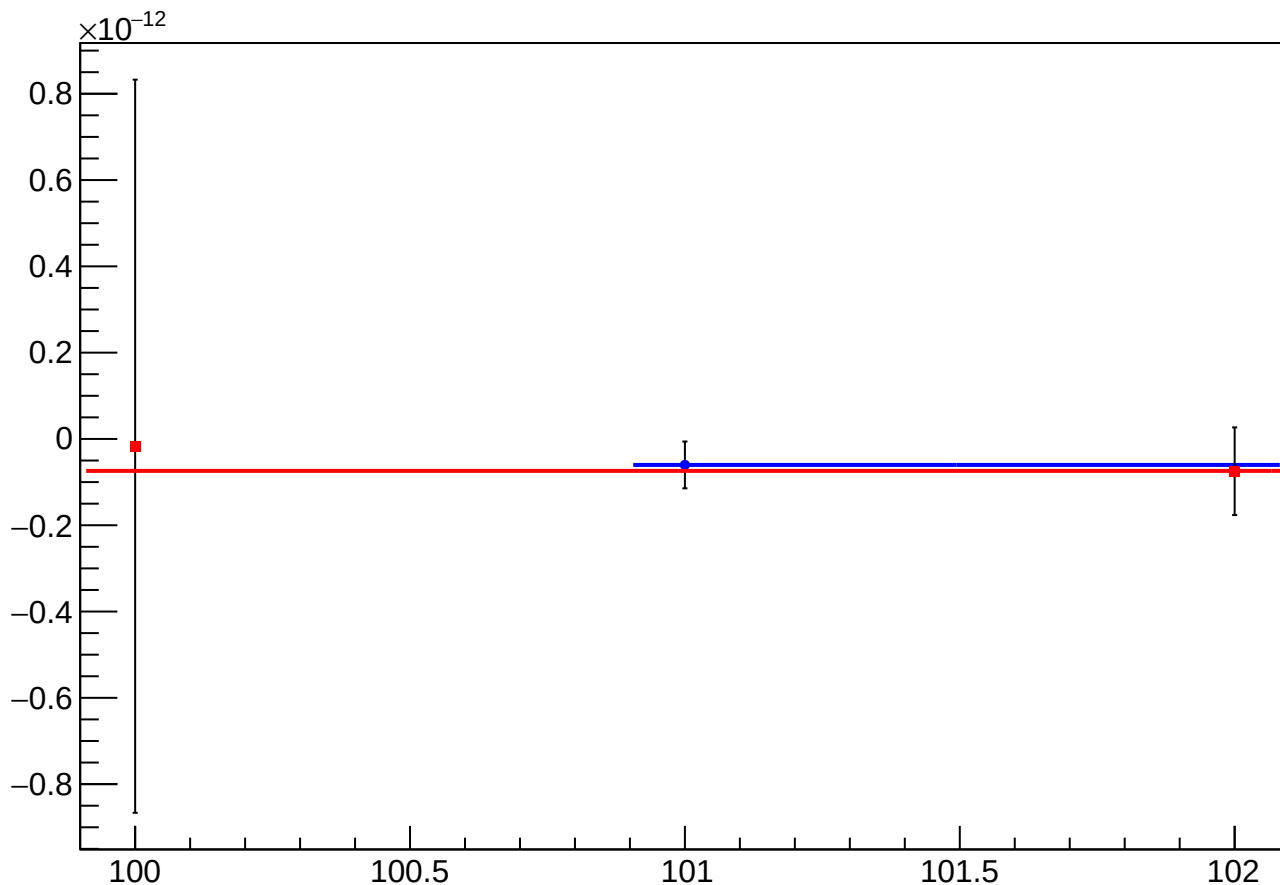
Right: 1126.804+/-0.681 χ^2/NDF : 8609.0/2

In: 1073.063+/-0.940 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1126.804+/-0.681 χ^2/NDF : 8609.0/2

asym_sam_48_avg_reg_vs_cor_diff_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 : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

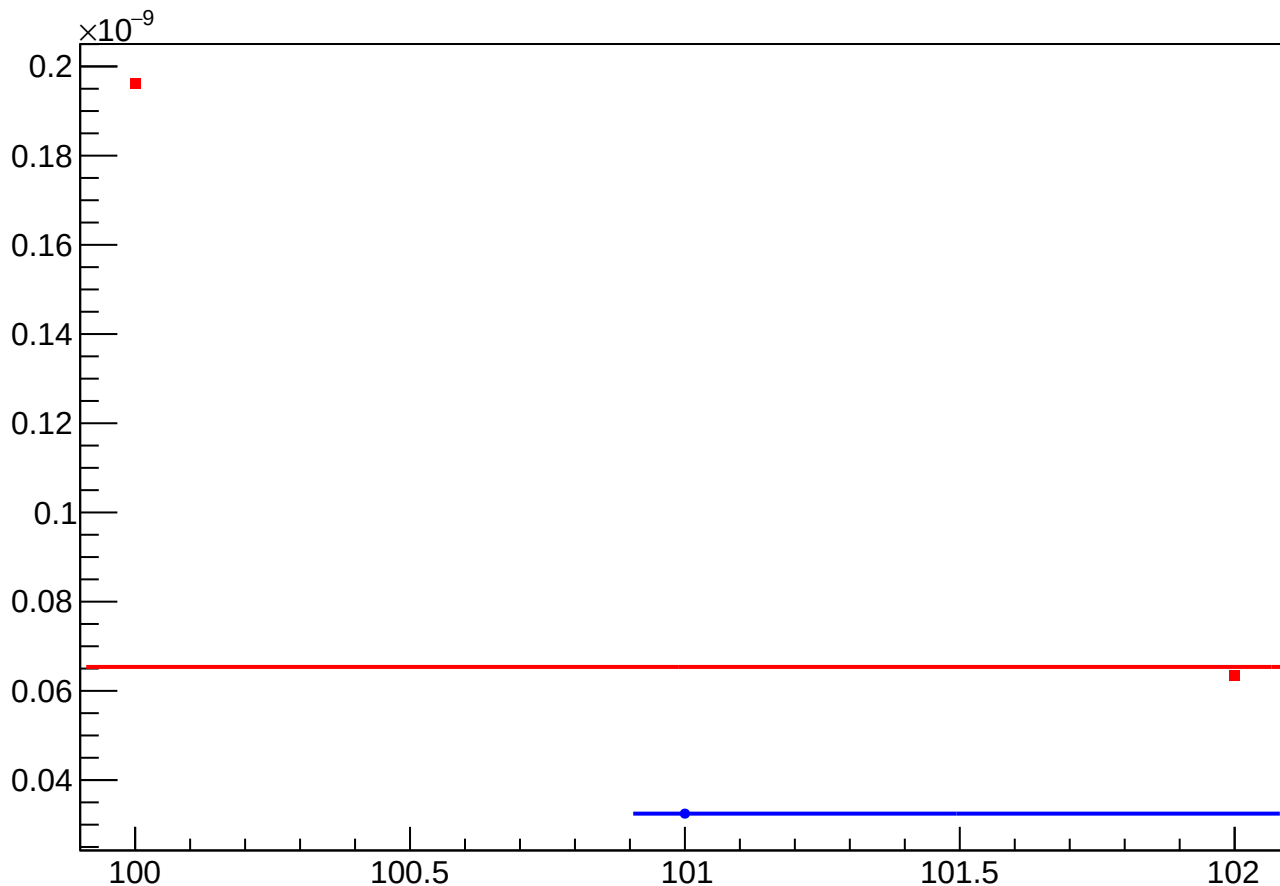
Right: -0.000+/-0.000 χ^2/NDF : 0.0/2

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 : 0.0/2

asym_sam_48_avg_reg_vs_cor_diff_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 : 48120.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

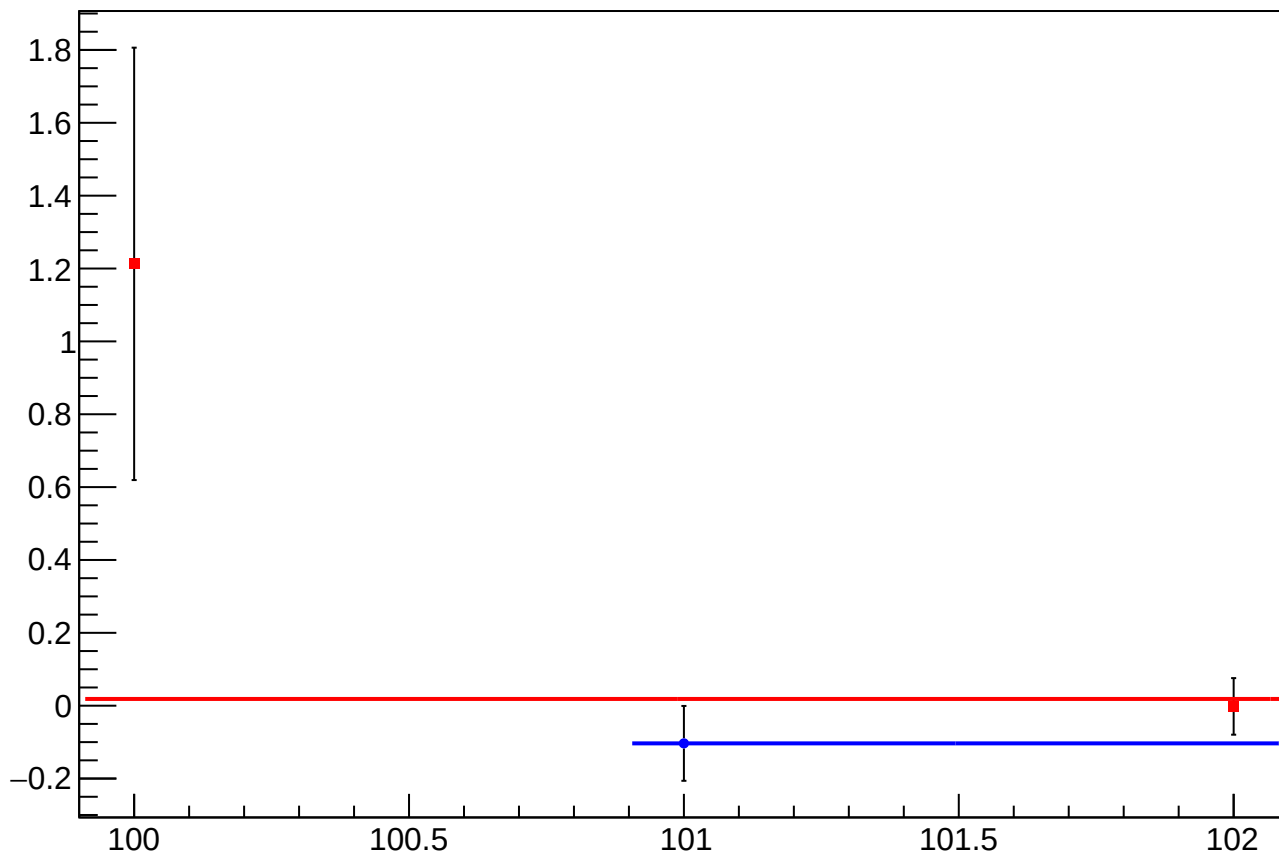
Right: 0.000+/-0.000 χ^2/NDF : 213018.9/2

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 : 213018.9/2

asym_sam_48_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.103+/-0.103 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.019+/-0.077 χ^2/NDF : 4.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

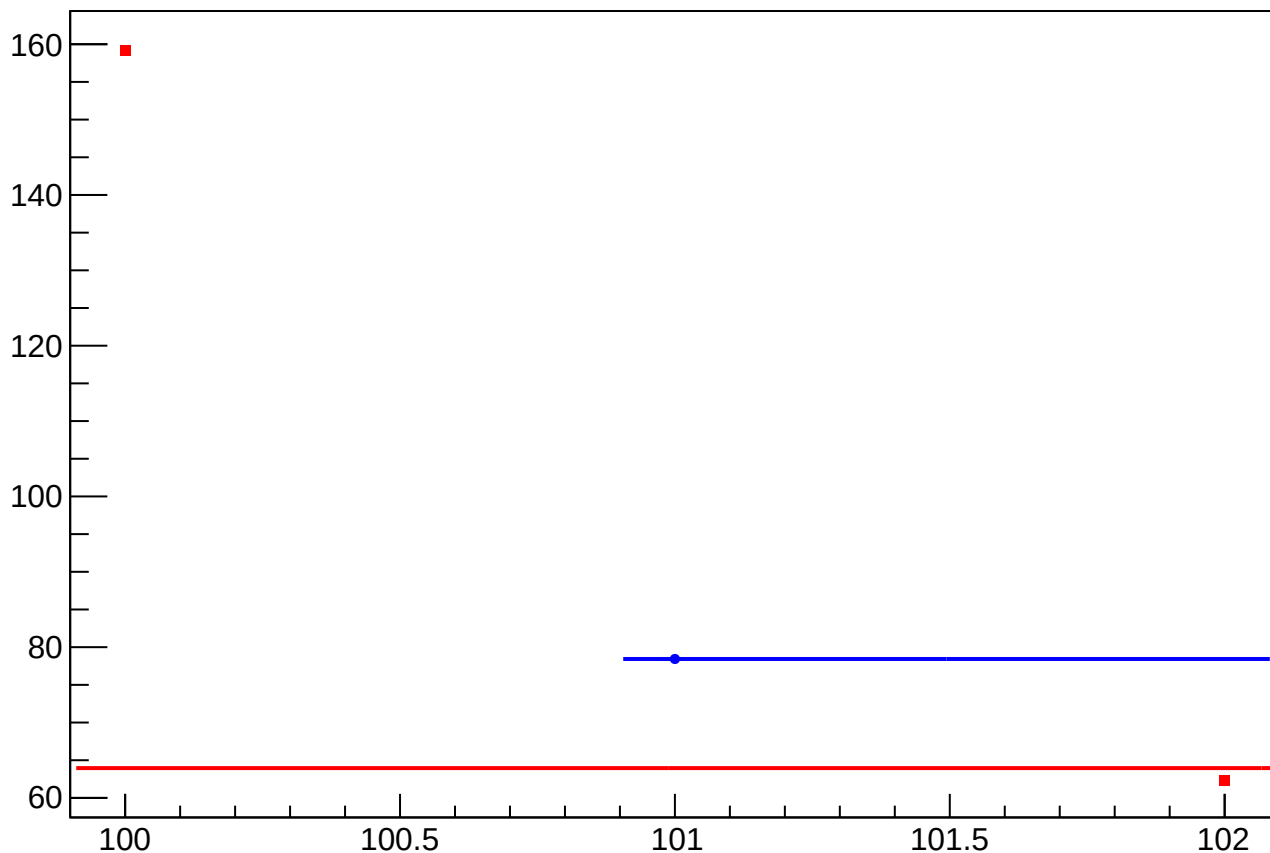
Right: -0.025+/-0.062 χ^2/NDF : 5.0/2

In: -0.103+/-0.103 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.025+/-0.062 χ^2/NDF : 5.0/2

asym_sam_48_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 78.433+/-0.073 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.954+/-0.054 χ^2/NDF : 52316.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

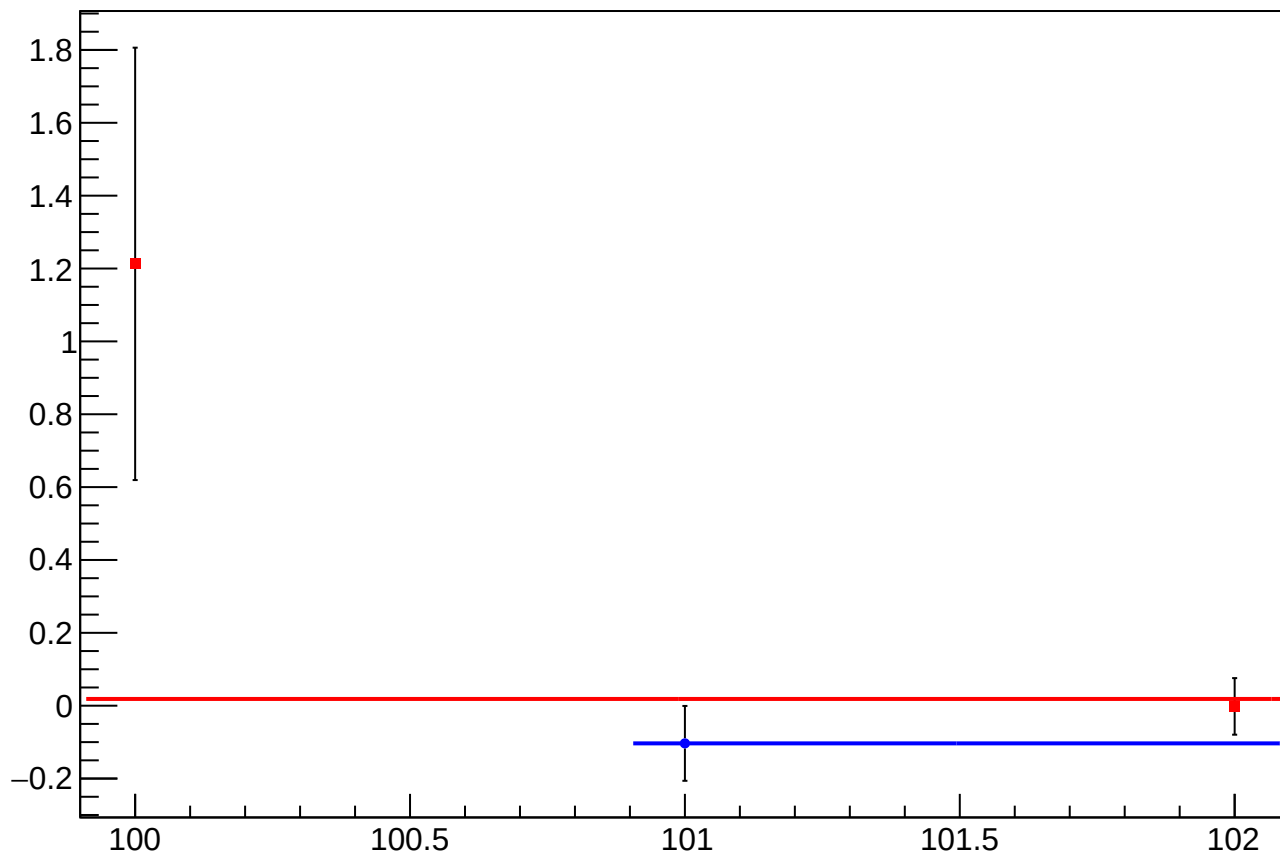
Right: 69.163+/-0.044 χ^2/NDF : 77751.9/2

In: 78.433+/-0.073 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.163+/-0.044 χ^2/NDF : 77751.9/2

asym_sam_48_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.103+/-0.103 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.019+/-0.077 χ^2/NDF : 4.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

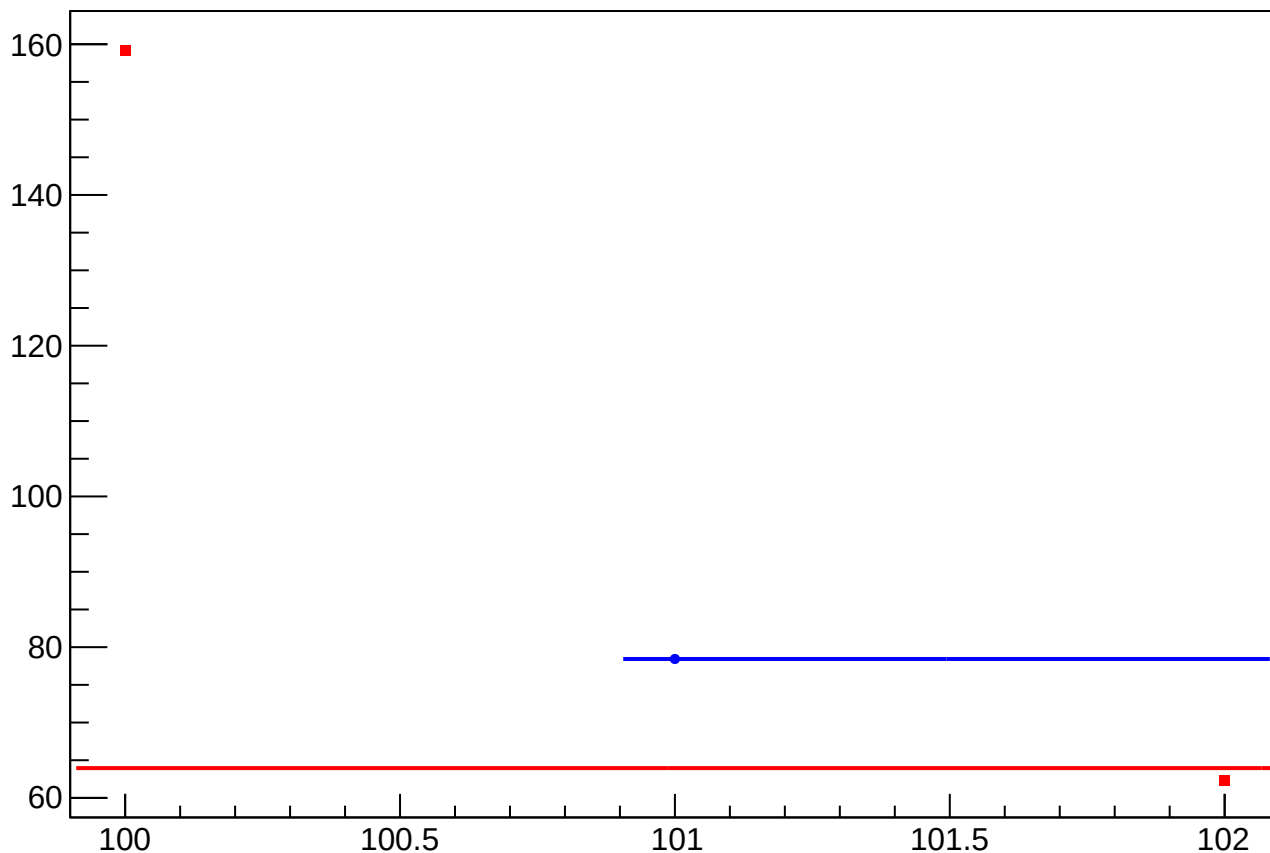
Right: -0.025+/-0.062 χ^2/NDF : 5.0/2

In: -0.103+/-0.103 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.025+/-0.062 χ^2/NDF : 5.0/2

asym_sam_48_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 78.433+/-0.073 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.954+/-0.054 χ^2/NDF : 52316.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

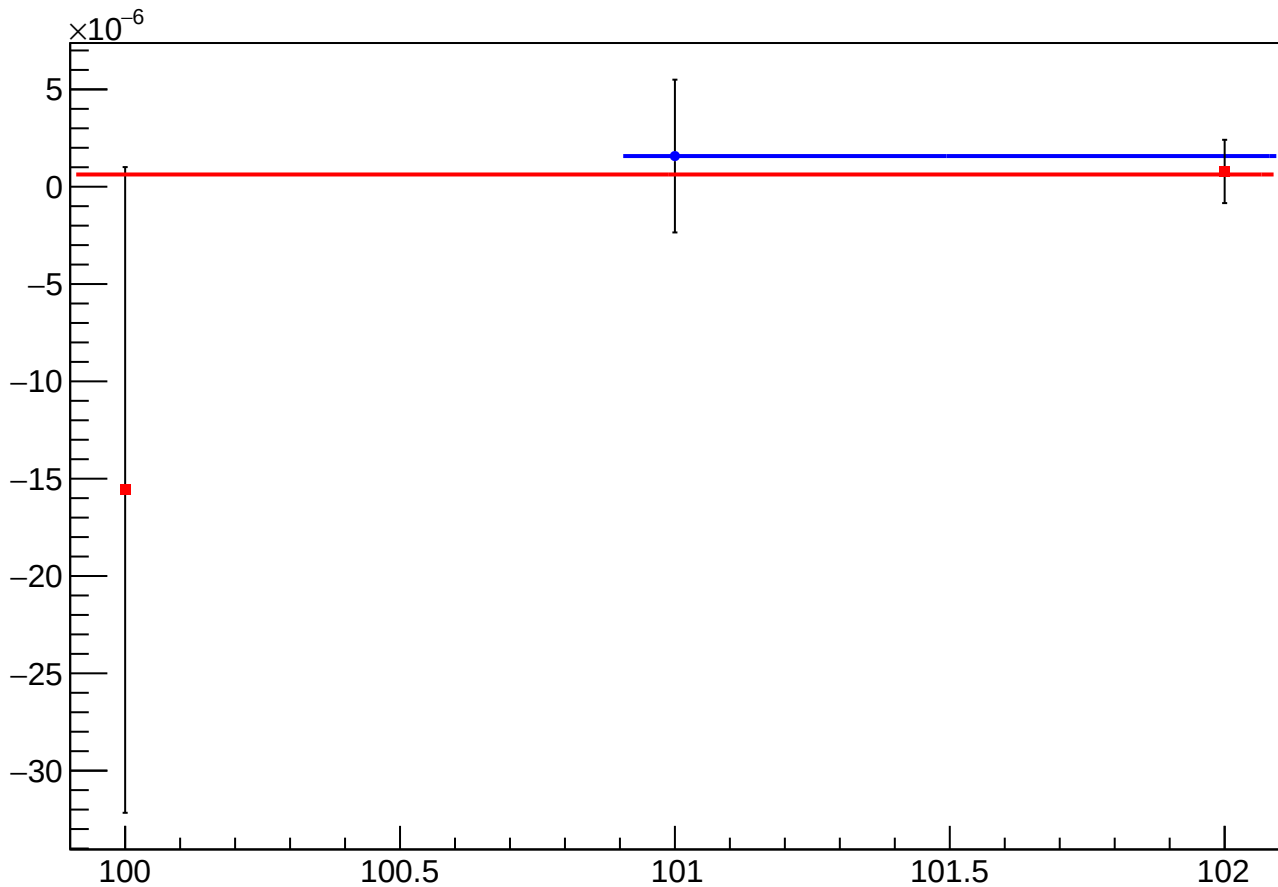
Right: 69.163+/-0.044 χ^2/NDF : 77751.9/2

In: 78.433+/-0.073 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.163+/-0.044 χ^2/NDF : 77751.9/2

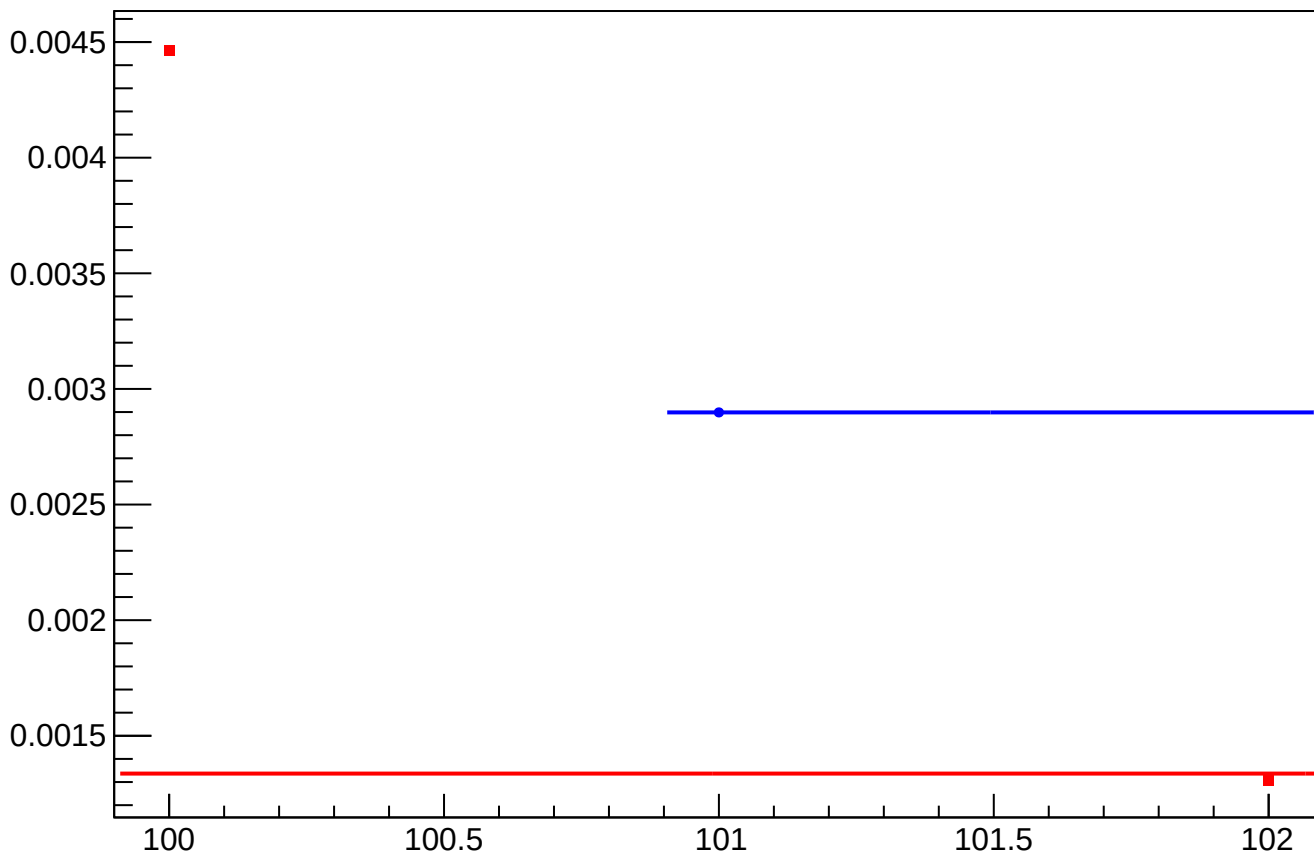
asym_sam_48_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 1.0/1
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1.0/2
 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 : 1.0/2

asym_sam_48_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.001 $\pm$ 0.000 χ^2 /NDF: 71784.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

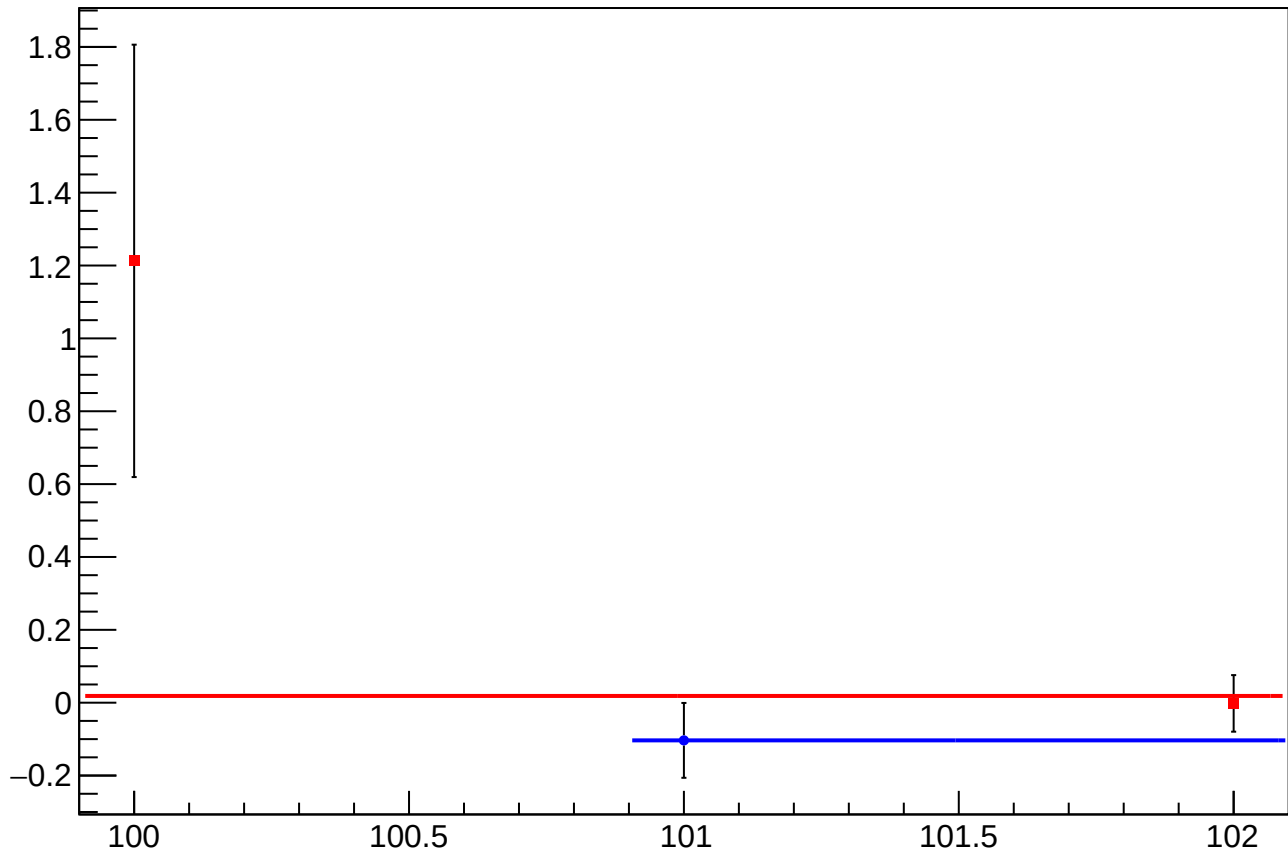
Right: 0.002 $\pm$ 0.000 χ^2 /NDF: 342547.6/2

In: 0.003 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 342547.6/2

asym_sam_48_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.103 $\pm$ 0.103 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.019 $\pm$ 0.077 χ^2/NDF : 4.1/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

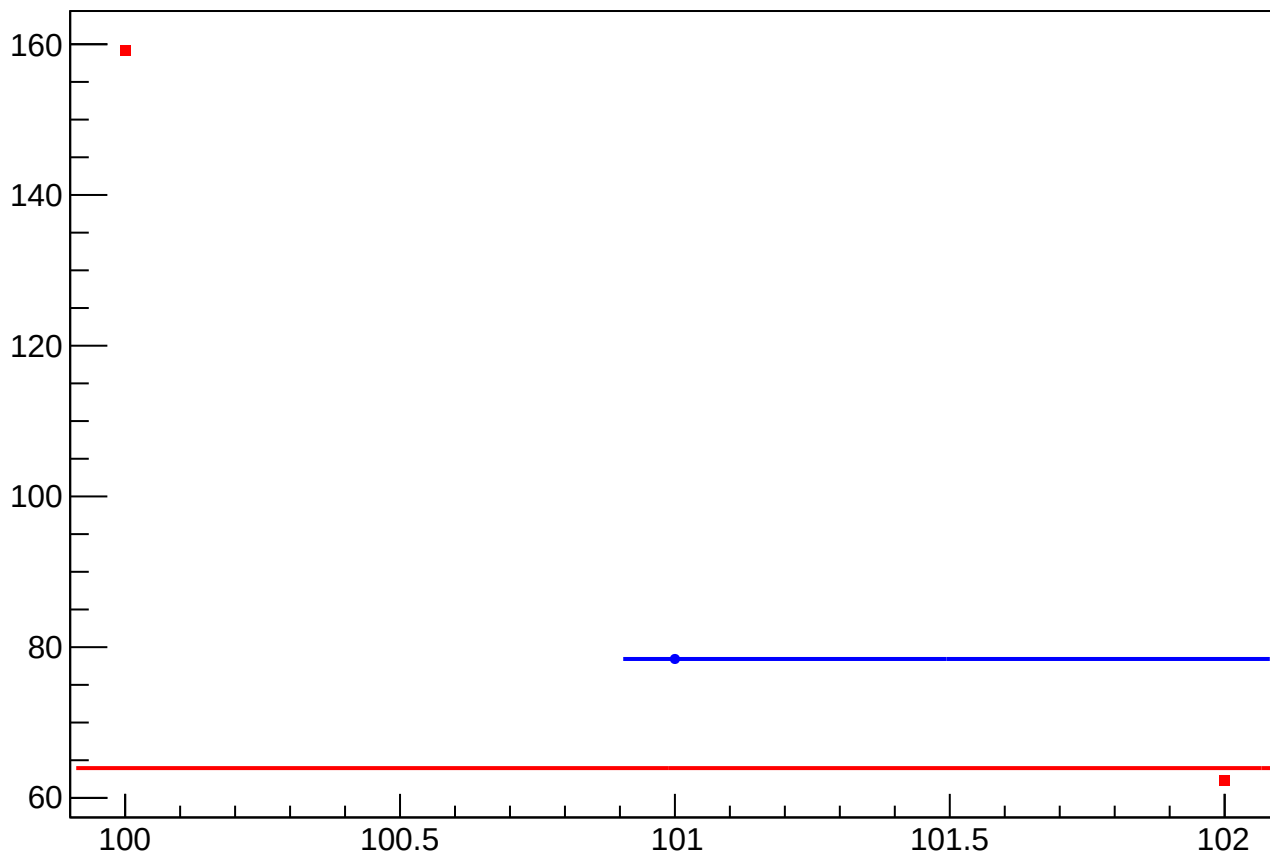
Right: -0.025 $\pm$ 0.062 χ^2/NDF : 5.0/2

In: -0.103 $\pm$ 0.103 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.025 $\pm$ 0.062 χ^2/NDF : 5.0/2

asym_sam_48_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 78.434+/-0.073 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.955+/-0.054 χ^2/NDF : 52315.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

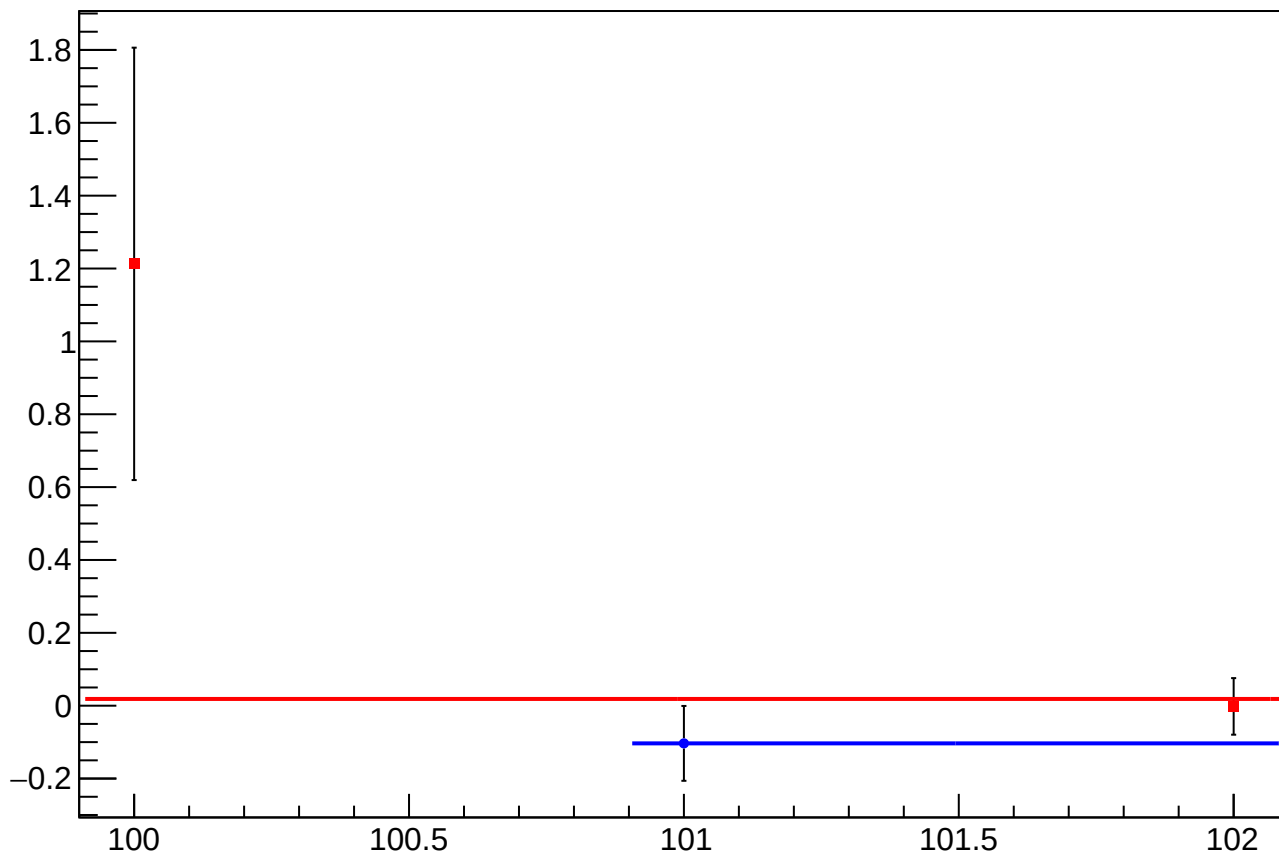
Right: 69.163+/-0.044 χ^2/NDF : 77754.6/2

In: 78.434+/-0.073 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.163+/-0.044 χ^2/NDF : 77754.6/2

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.103 $\pm$ 0.103 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.019 $\pm$ 0.077 χ^2/NDF : 4.1/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

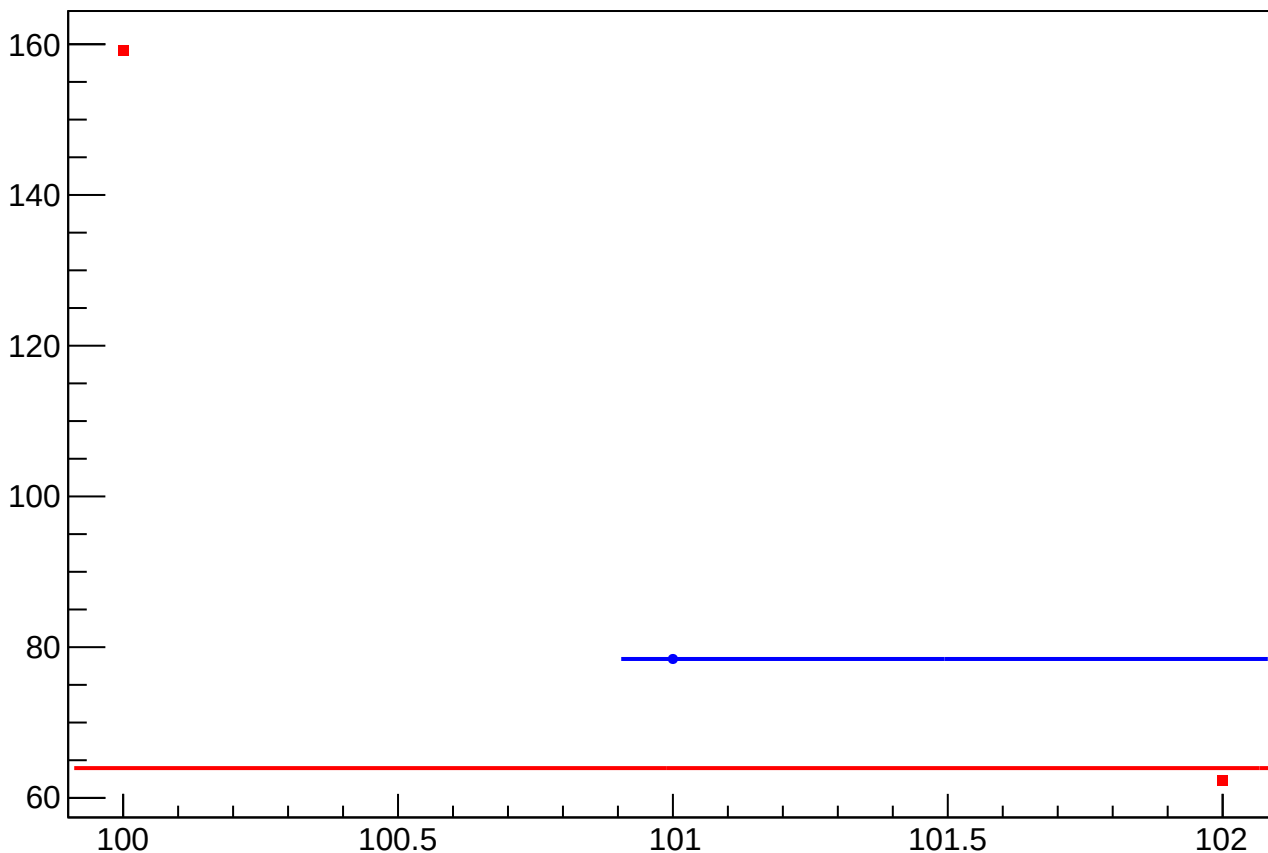
Right: -0.025 $\pm$ 0.062 χ^2/NDF : 5.0/2

In: -0.103 $\pm$ 0.103 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.025 $\pm$ 0.062 χ^2/NDF : 5.0/2

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 78.434 $\pm$ 0.073 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 63.955 $\pm$ 0.054 χ^2 /NDF: 52315.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

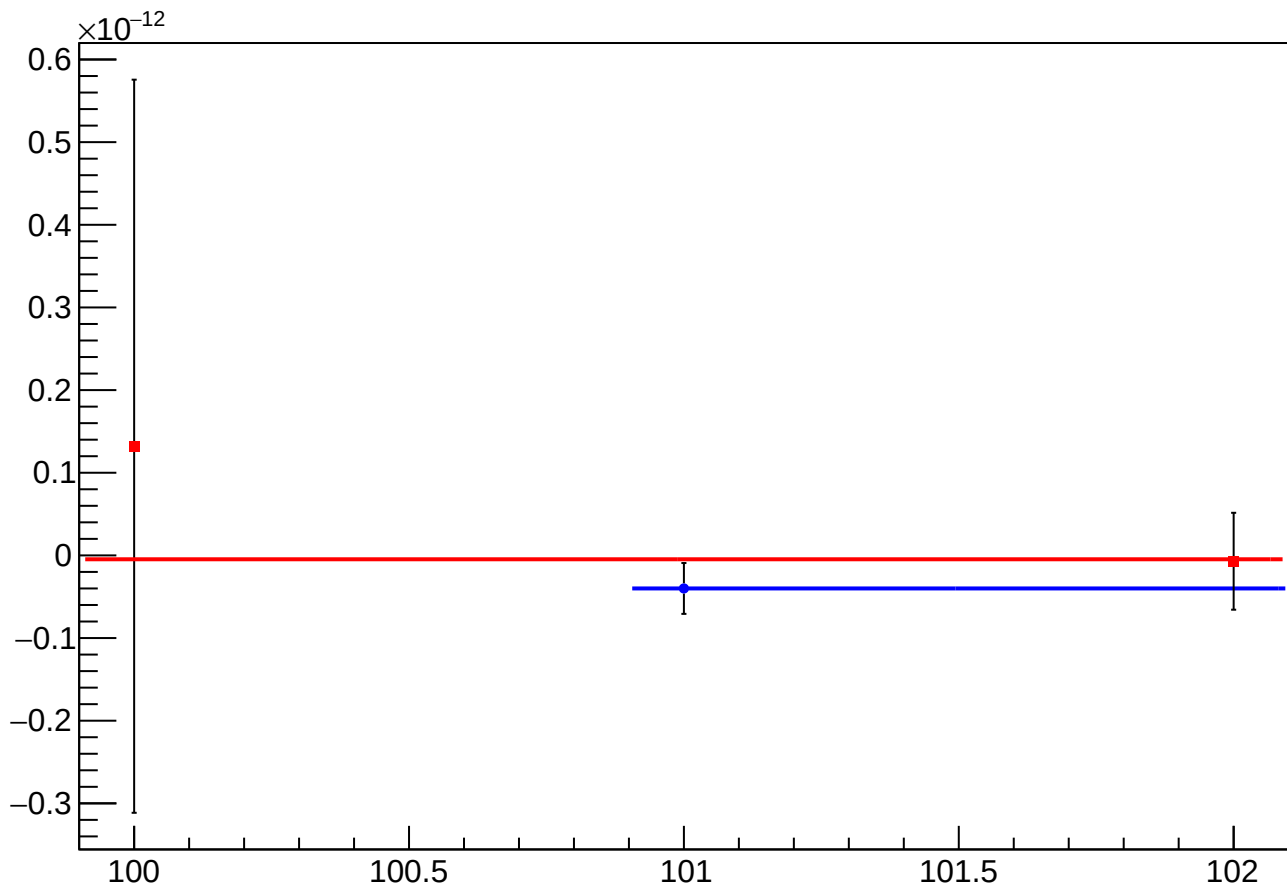
Right: 69.163 $\pm$ 0.044 χ^2 /NDF: 77754.6/2

In: 78.434 $\pm$ 0.073 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 69.163 $\pm$ 0.044 χ^2 /NDF: 77754.6/2

asym_sam_48_avg_eigen_cor_vs_cor_diff_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 : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

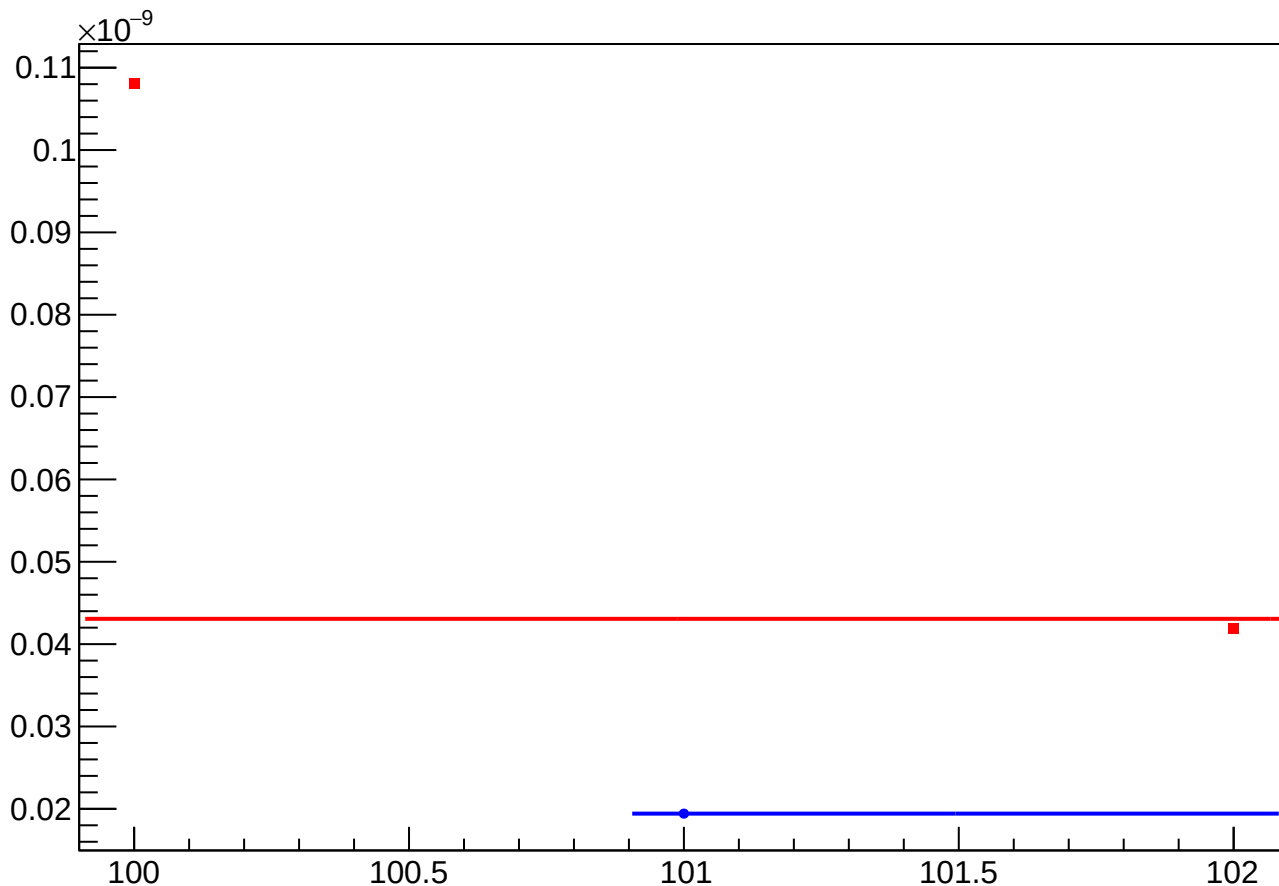
Right: -0.000+/-0.000 χ^2/NDF : 0.4/2

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 : 0.4/2

asym_sam_48_avg_eigen_cor_vs_cor_diff_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 : 43760.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

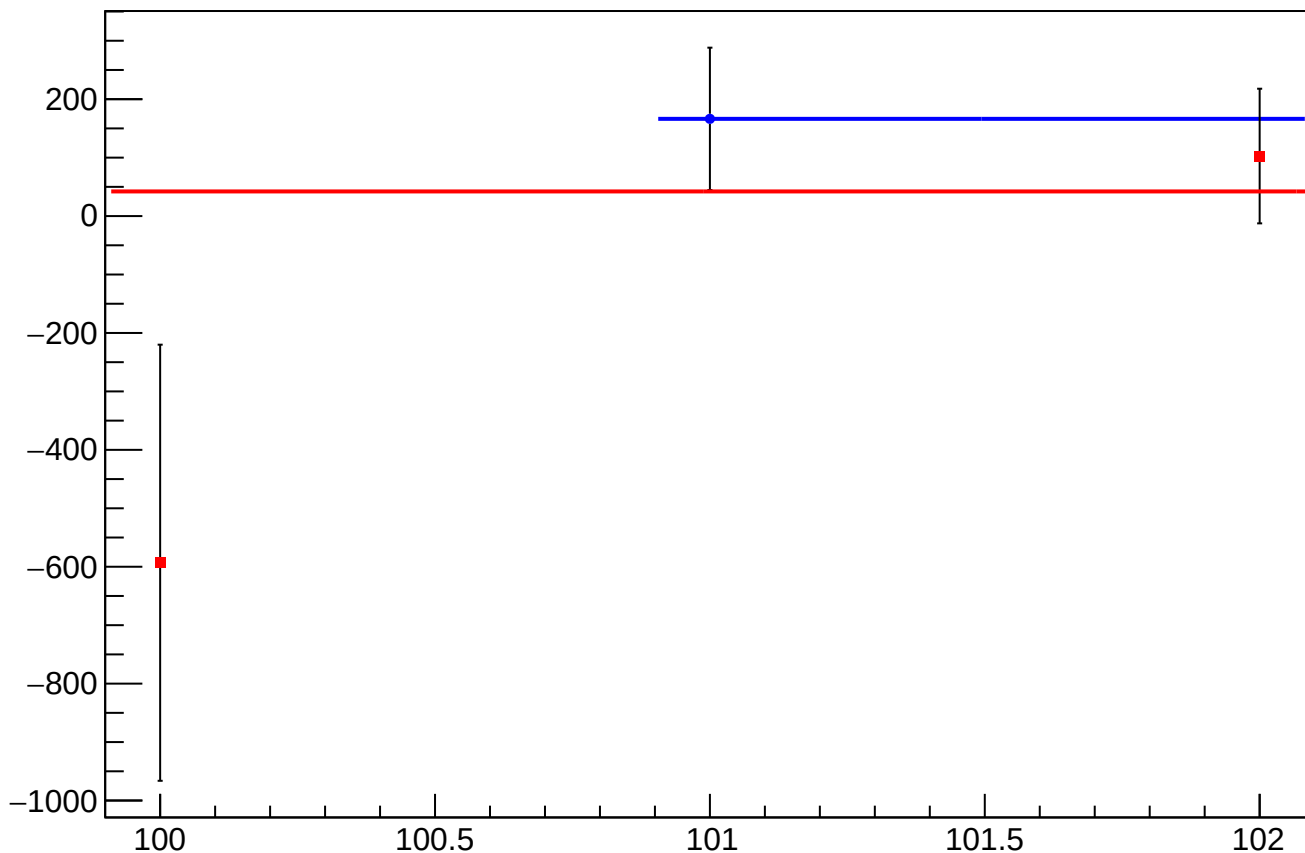
Right: 0.000+/-0.000 χ^2/NDF : 302566.3/2

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 : 302566.3/2

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 166.359+/-121.788 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.164+/-110.066 χ^2/NDF : 3.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

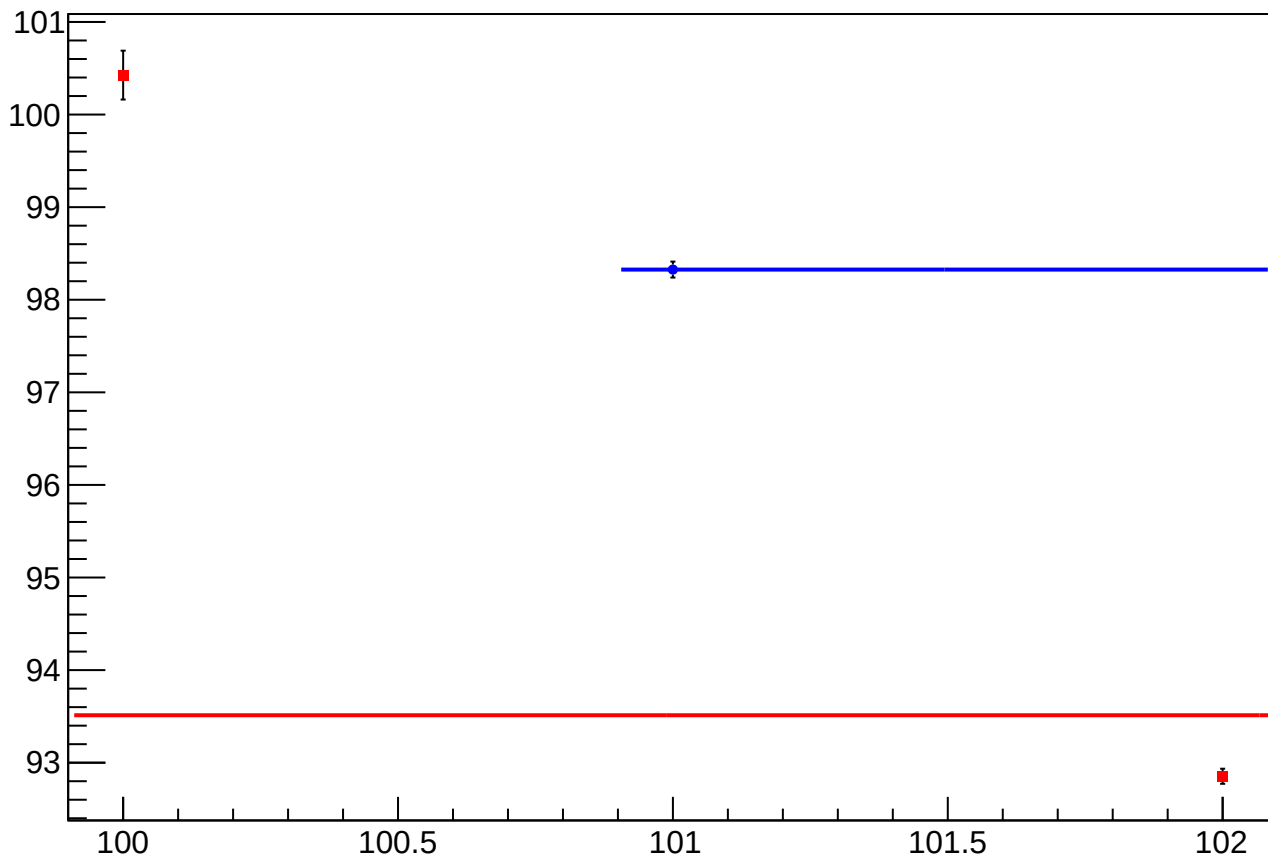
Right: 97.999+/-81.659 χ^2/NDF : 3.7/2

In: 166.359+/-121.788 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.999+/-81.659 χ^2/NDF : 3.7/2

reg_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.326+/-0.086 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.513+/-0.078 χ^2/NDF : 752.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

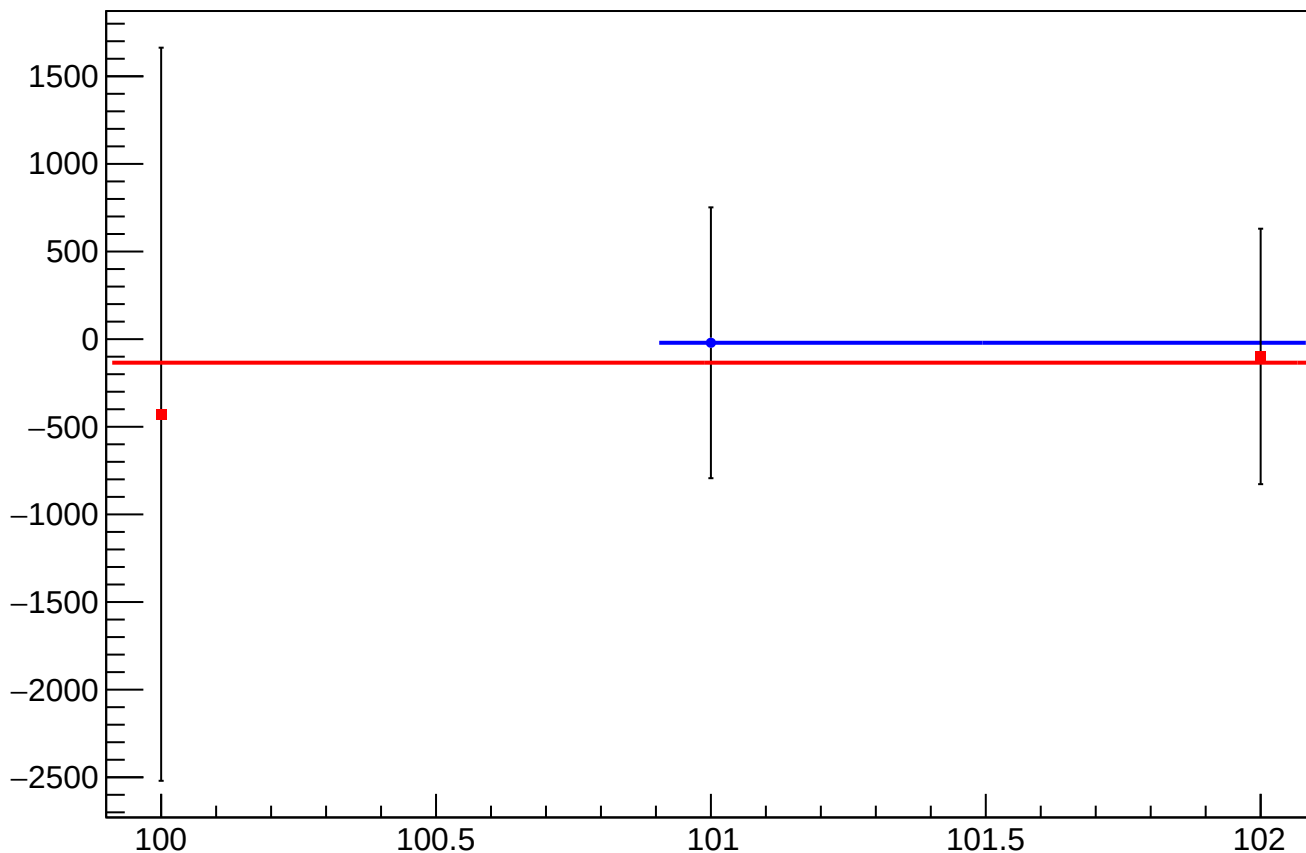
Right: 95.676+/-0.058 χ^2/NDF : 2471.6/2

In: 98.326+/-0.086 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.676+/-0.058 χ^2/NDF : 2471.6/2

asym_sam_15_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -20.651+/-772.719 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -134.288+/-688.235 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

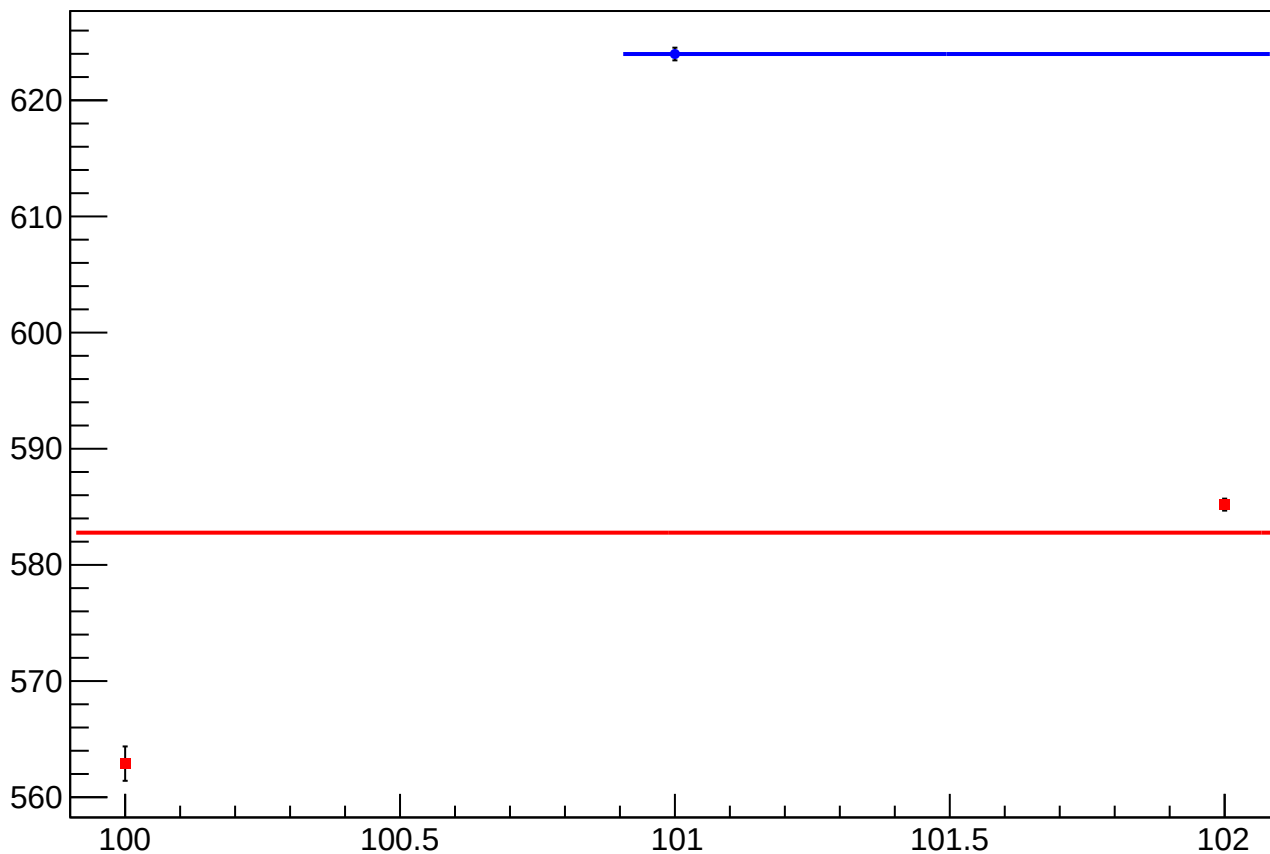
Right: -84.019+/-513.939 χ^2/NDF : 0.0/2

In: -20.651+/-772.719 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -84.019+/-513.939 χ^2/NDF : 0.0/2

asym_sam_15_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 623.983 $\pm$ 0.546 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 582.776 $\pm$ 0.487 χ^2 /NDF: 202.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

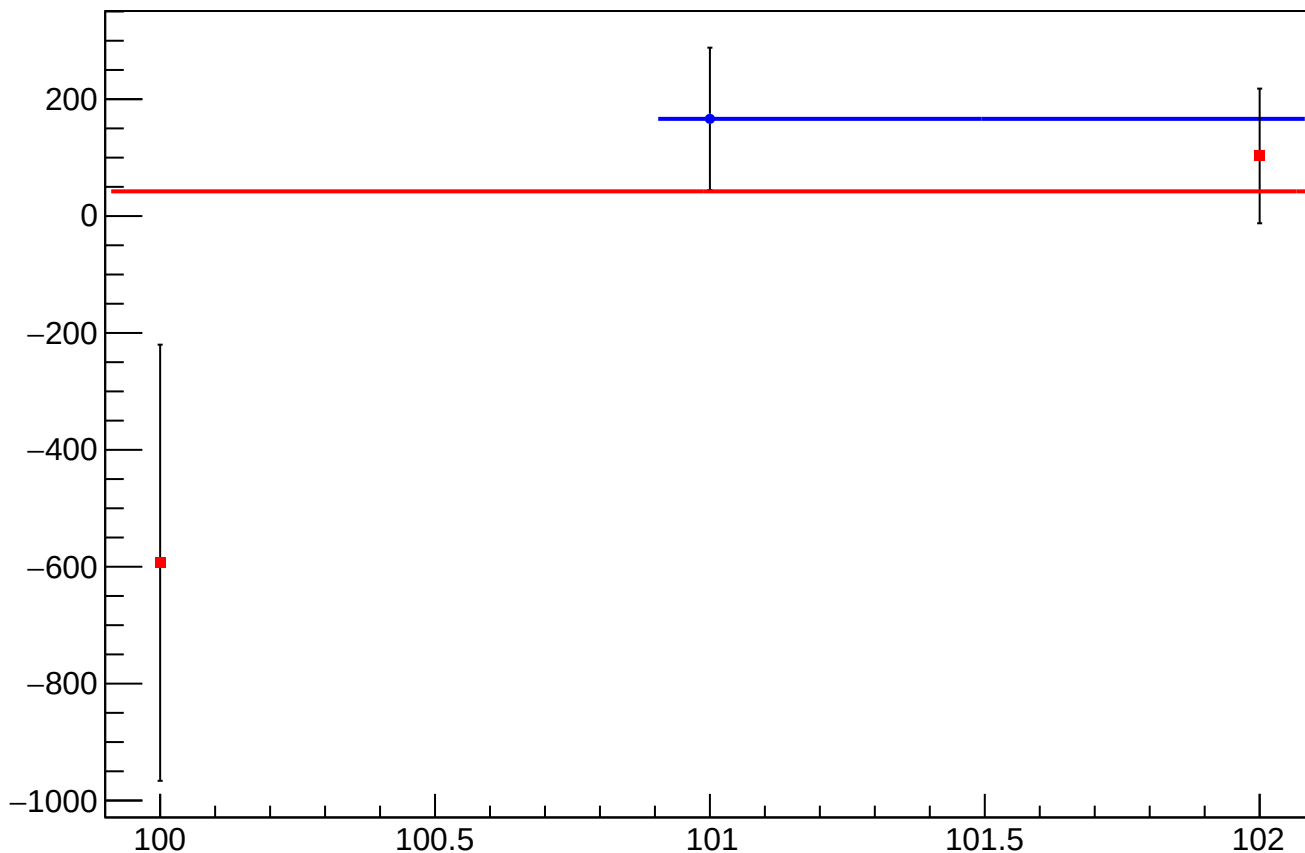
Right: 601.004 $\pm$ 0.363 χ^2 /NDF: 3374.4/2

In: 623.983 $\pm$ 0.546 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 601.004 $\pm$ 0.363 χ^2 /NDF: 3374.4/2

cor_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 166.346 $\pm$ 121.788 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 42.289 $\pm$ 110.072 χ^2 /NDF: 3.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

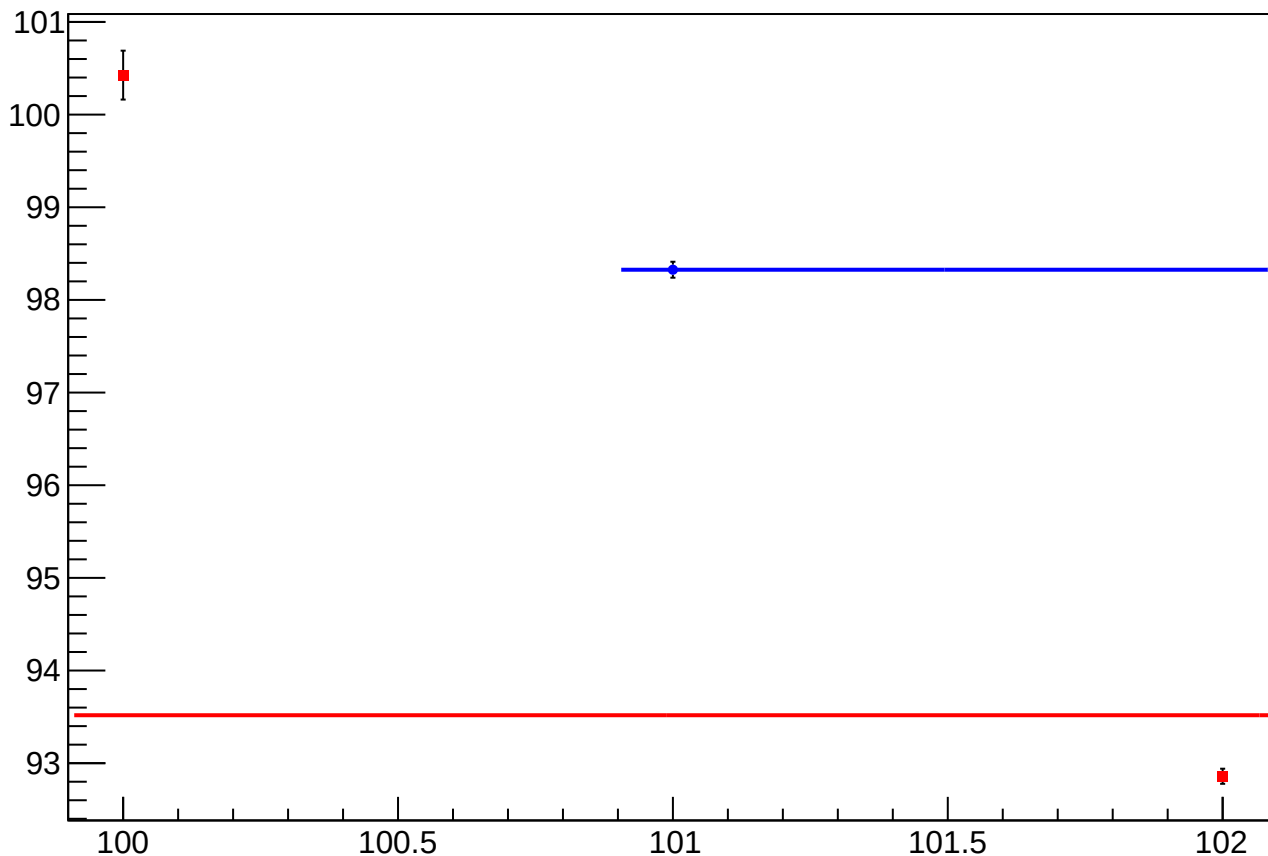
Right: 98.065 $\pm$ 81.661 χ^2 /NDF: 3.7/2

In: 166.346 $\pm$ 121.788 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 98.065 $\pm$ 81.661 χ^2 /NDF: 3.7/2

cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.326+/-0.086 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.518+/-0.078 χ^2/NDF : 751.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

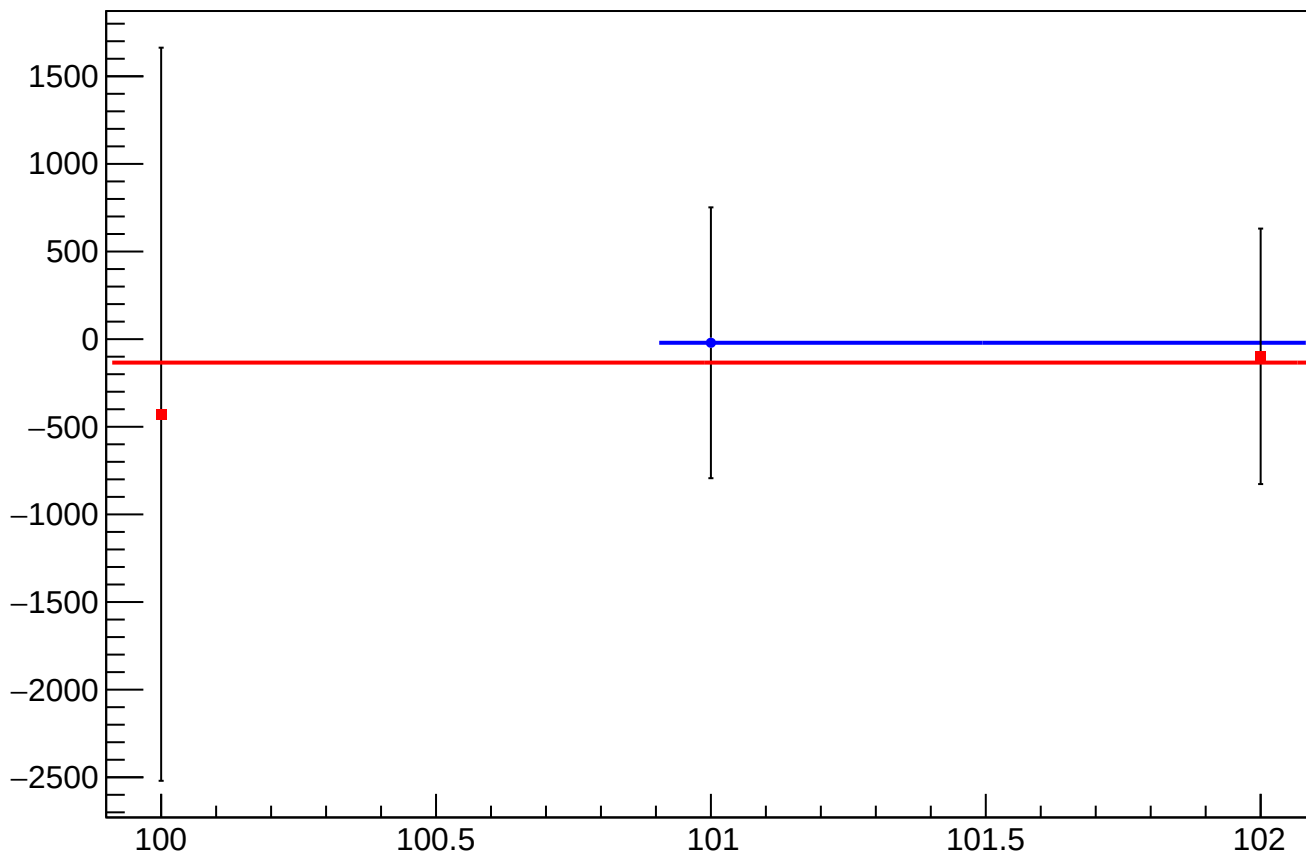
Right: 95.679+/-0.058 χ^2/NDF : 2466.8/2

In: 98.326+/-0.086 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.679+/-0.058 χ^2/NDF : 2466.8/2

asym_sam_15_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -20.651+/-772.721 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -133.777+/-688.289 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

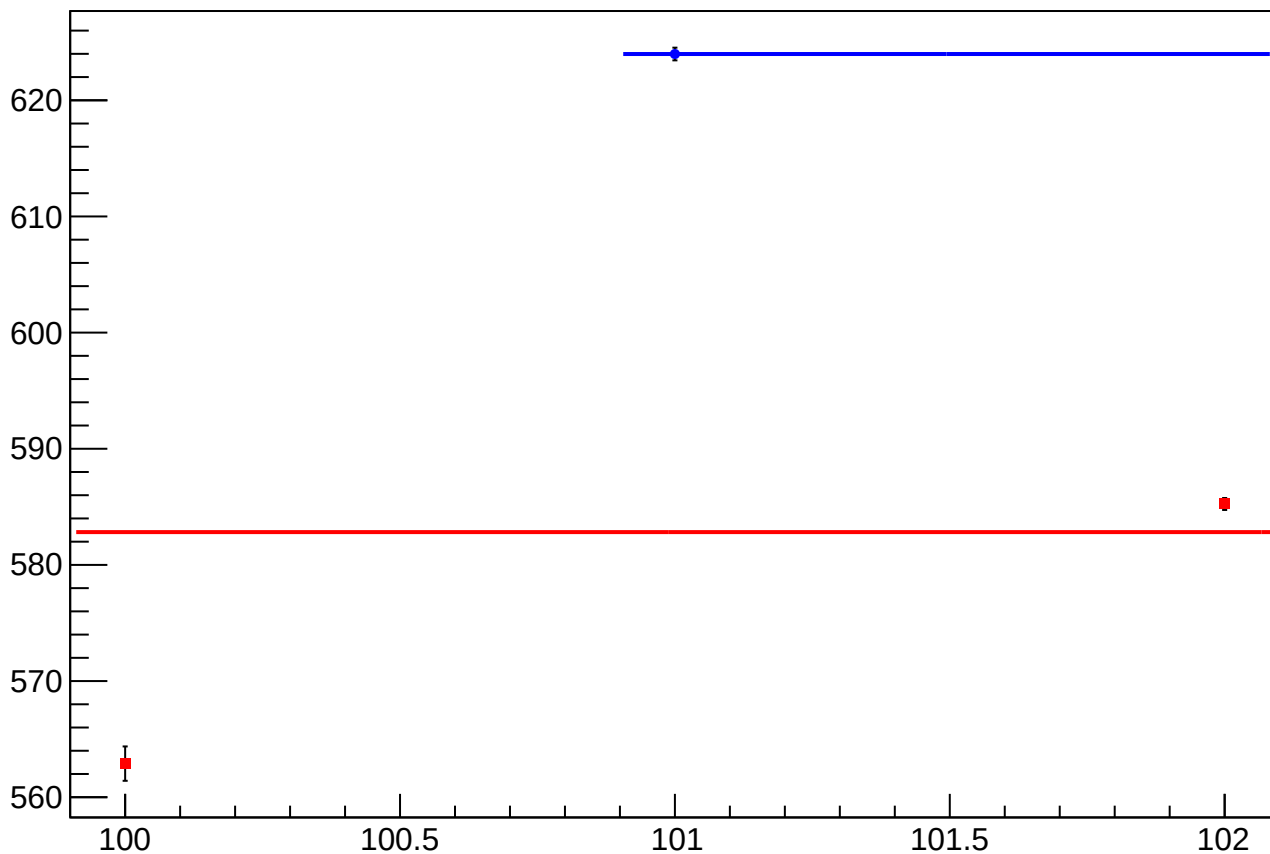
Right: -83.730+/-513.962 χ^2/NDF : 0.0/2

In: -20.651+/-772.721 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -83.730+/-513.962 χ^2/NDF : 0.0/2

asym_sam_15_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 623.985 $\pm$ 0.546 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 582.825 $\pm$ 0.487 χ^2 /NDF: 203.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

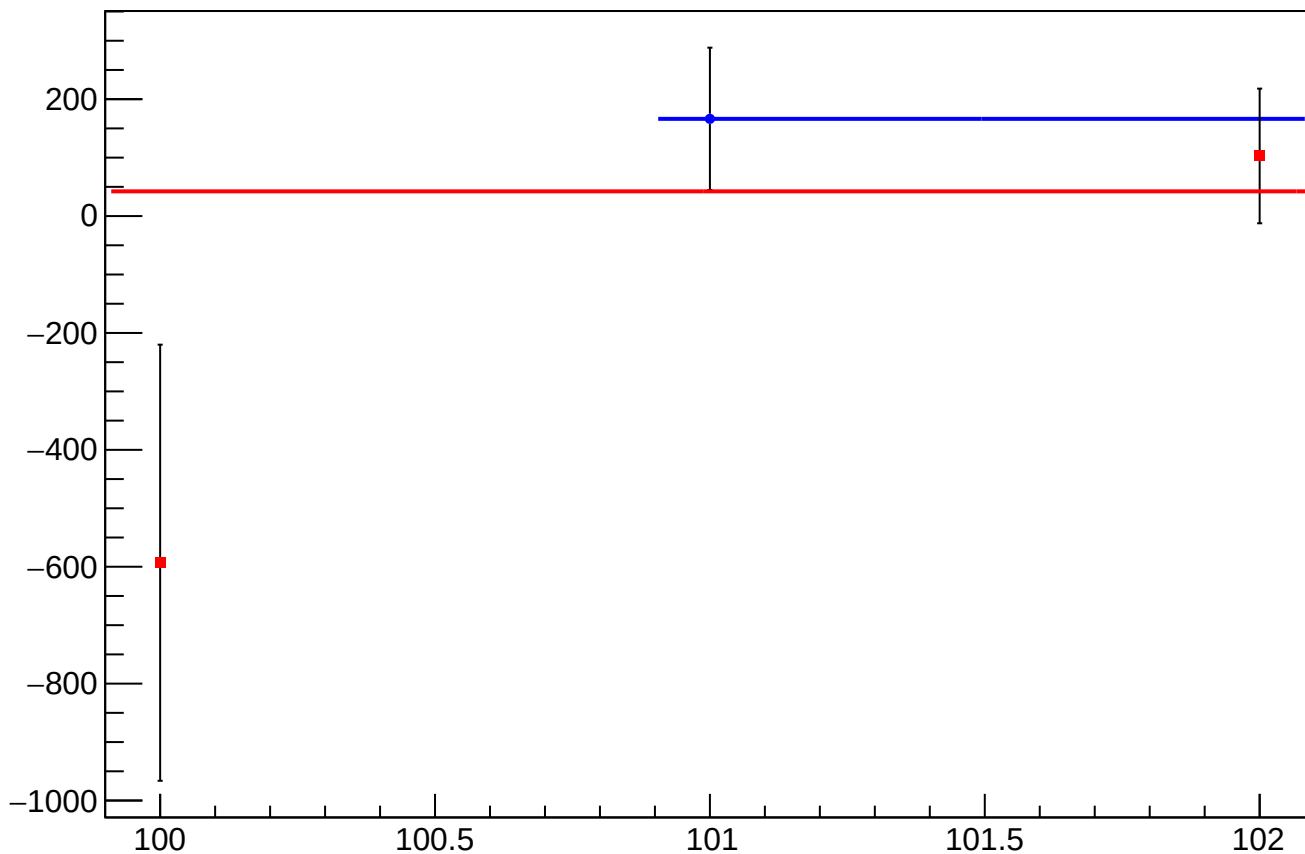
Right: 601.034 $\pm$ 0.363 χ^2 /NDF: 3367.8/2

In: 623.985 $\pm$ 0.546 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 601.034 $\pm$ 0.363 χ^2 /NDF: 3367.8/2

eigen_cor_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 166.346 $\pm$ 121.788 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 42.289 $\pm$ 110.072 χ^2 /NDF: 3.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

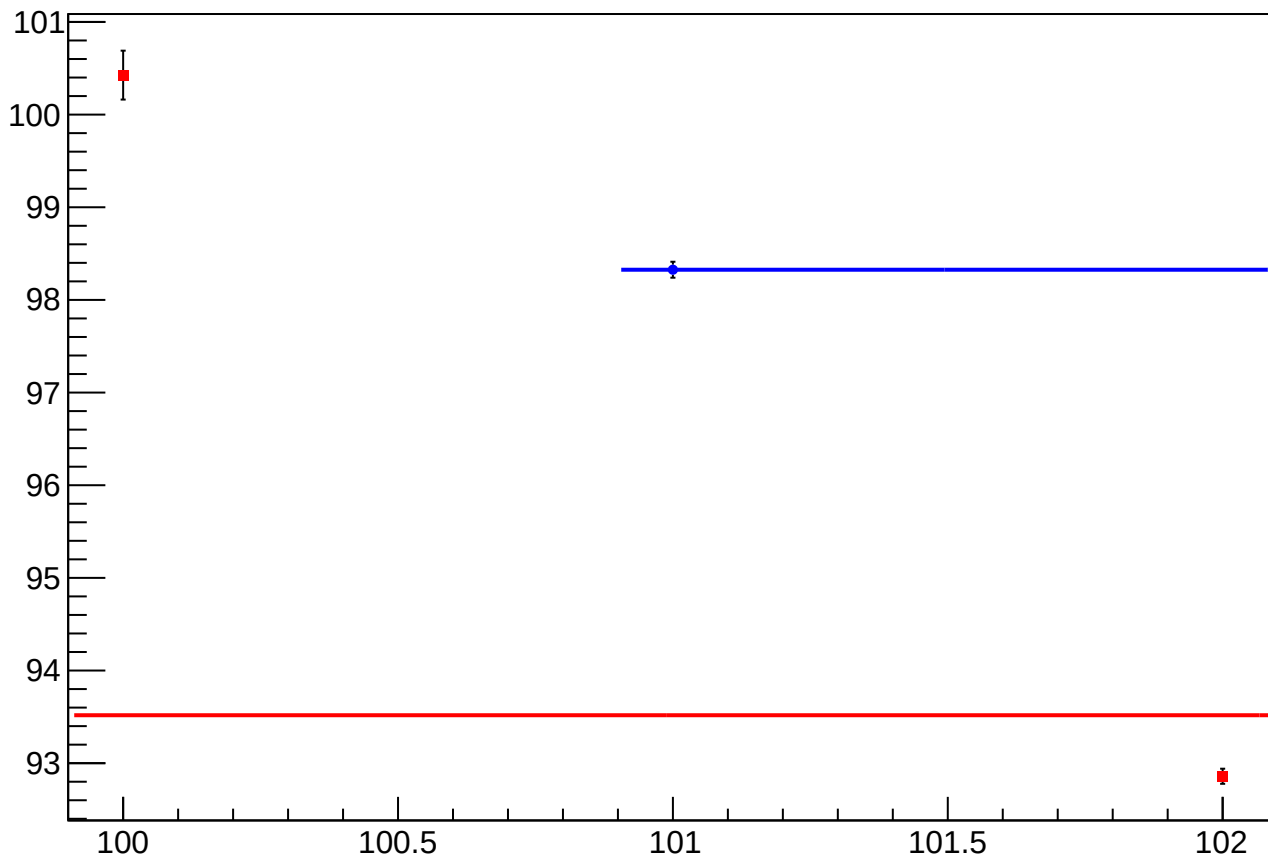
Right: 98.065 $\pm$ 81.661 χ^2 /NDF: 3.7/2

In: 166.346 $\pm$ 121.788 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 98.065 $\pm$ 81.661 χ^2 /NDF: 3.7/2

eigen_cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.326+/-0.086 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.518+/-0.078 χ^2/NDF : 751.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

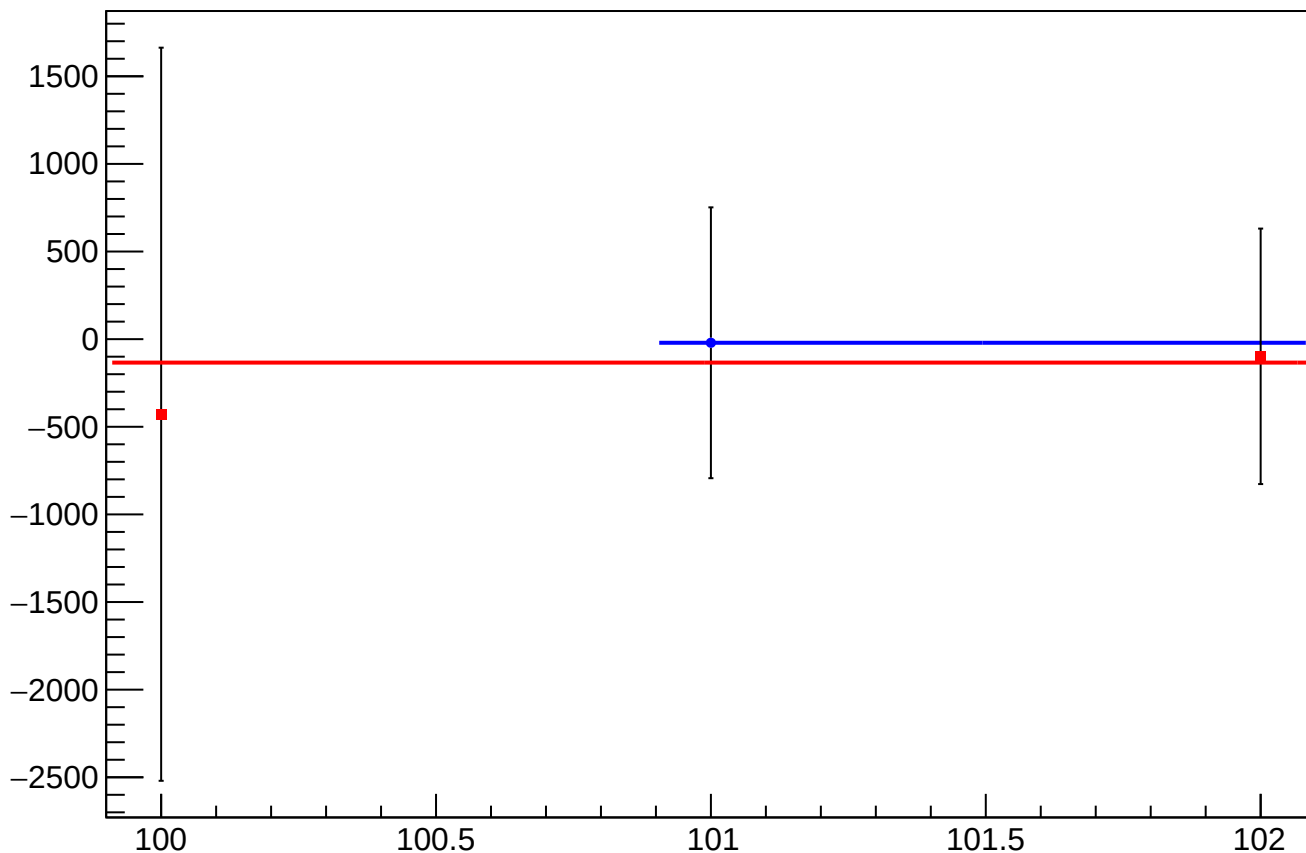
Right: 95.679+/-0.058 χ^2/NDF : 2466.8/2

In: 98.326+/-0.086 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.679+/-0.058 χ^2/NDF : 2466.8/2

asym_sam_15_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -20.651+/-772.721 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -133.777+/-688.289 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

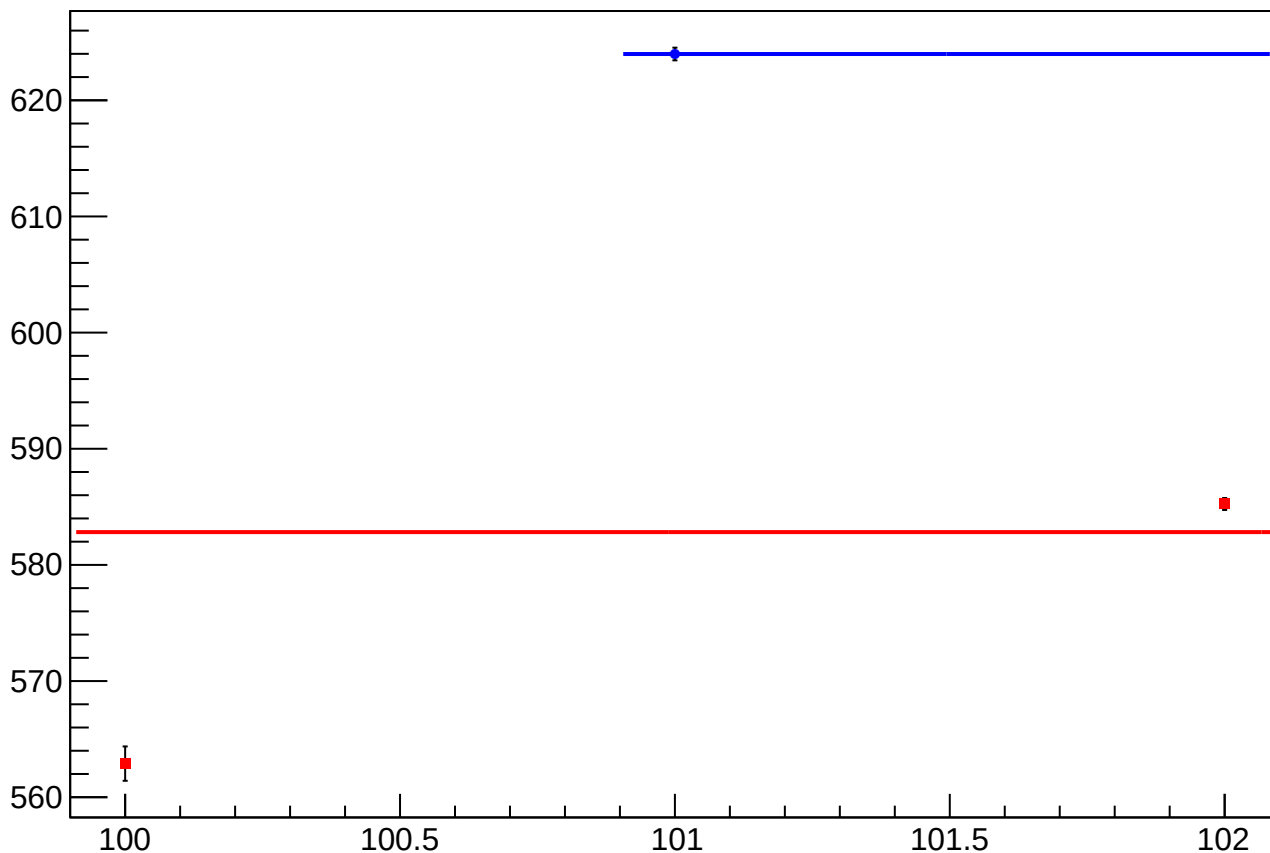
Right: -83.730+/-513.962 χ^2/NDF : 0.0/2

In: -20.651+/-772.721 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -83.730+/-513.962 χ^2/NDF : 0.0/2

asym_sam_15_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 623.985 $\pm$ 0.546 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 582.825 $\pm$ 0.487 χ^2 /NDF: 203.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

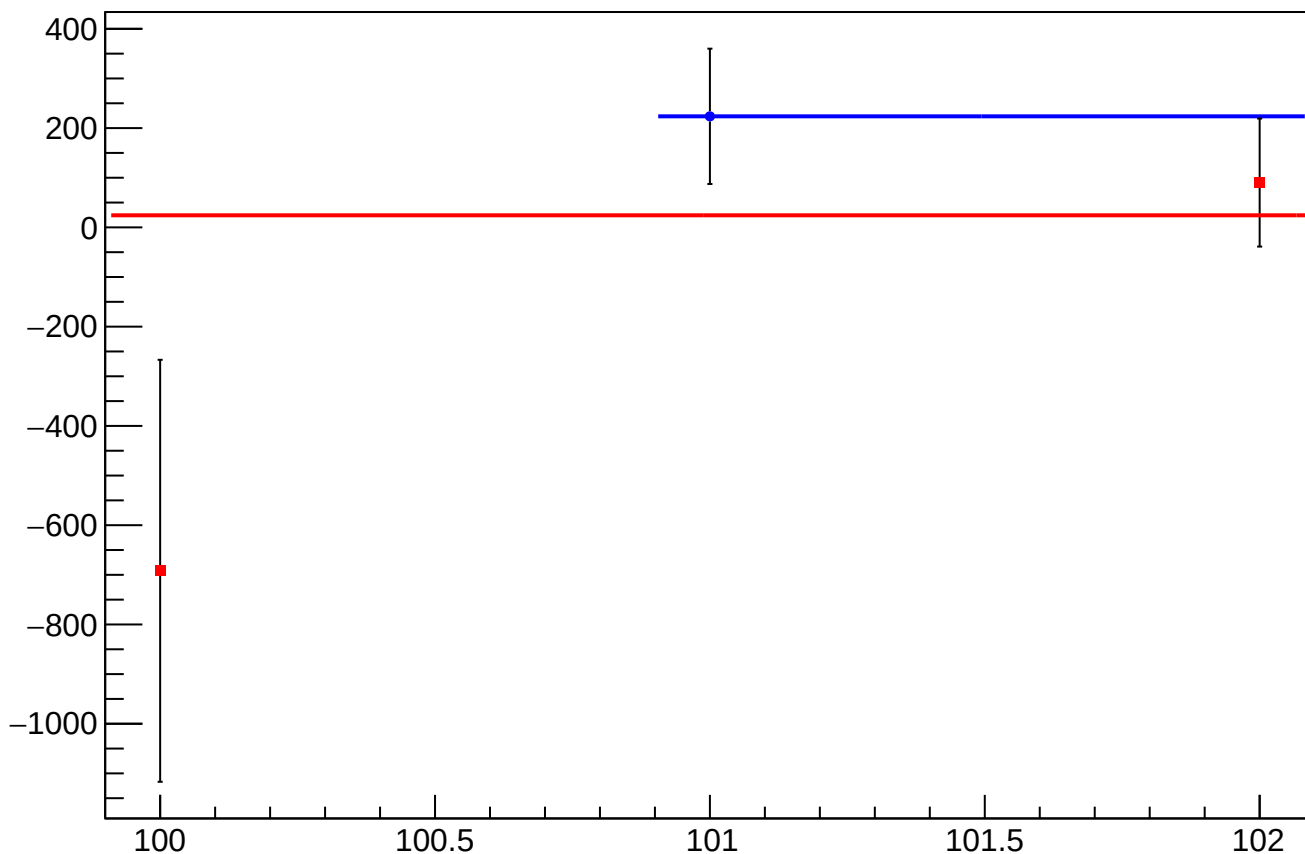
Right: 601.034 $\pm$ 0.363 χ^2 /NDF: 3367.8/2

In: 623.985 $\pm$ 0.546 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 601.034 $\pm$ 0.363 χ^2 /NDF: 3367.8/2

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 223.710 $\pm$ 136.304 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 24.331 $\pm$ 123.437 χ^2 /NDF: 3.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

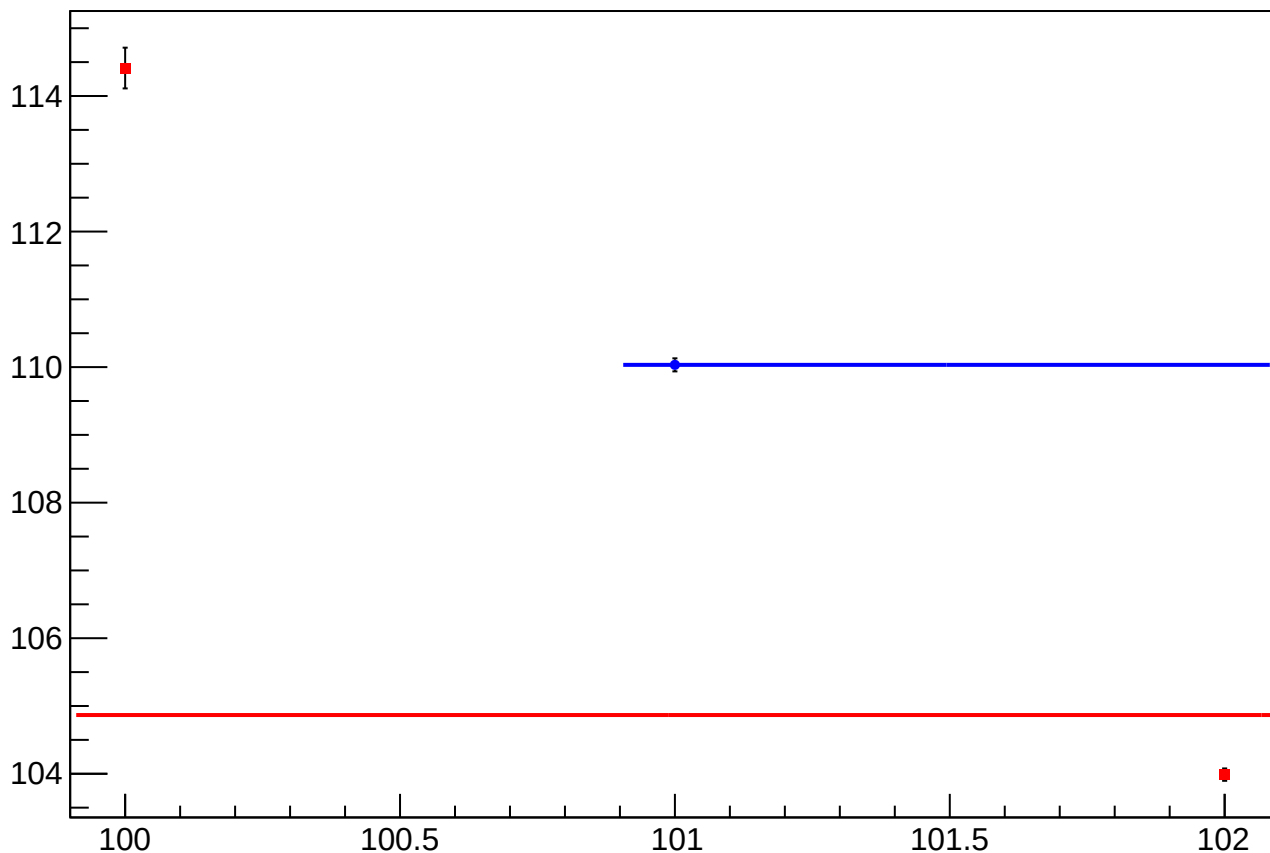
Right: 114.168 $\pm$ 91.494 χ^2 /NDF: 4.3/2

In: 223.710 $\pm$ 136.304 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 114.168 $\pm$ 91.494 χ^2 /NDF: 4.3/2

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 110.033 ± 0.096 χ^2/NDF : 0.0/0

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 104.867 ± 0.087 χ^2/NDF : 1101.6/1

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

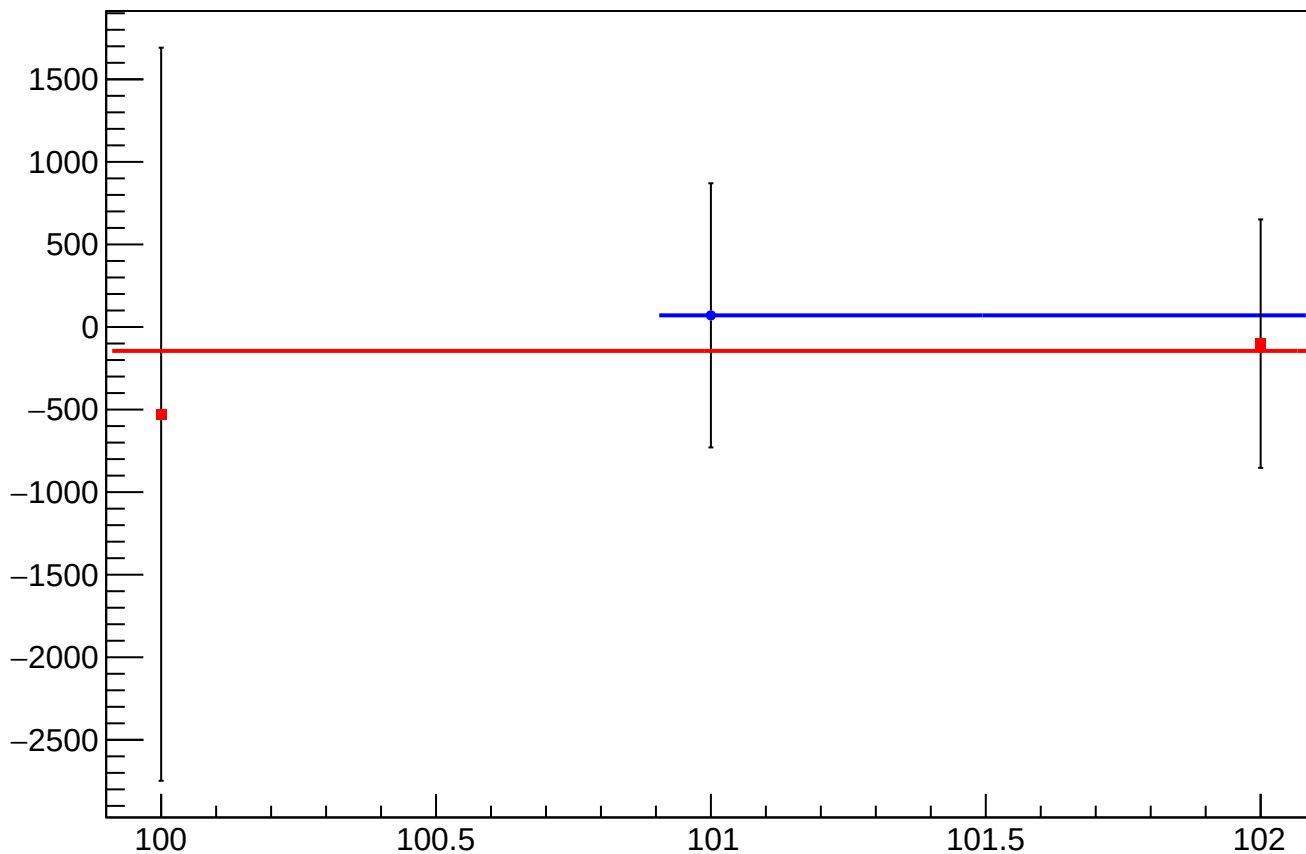
Right: 107.195 ± 0.065 χ^2/NDF : 2680.4/2

In: 110.033 ± 0.096 χ^2/NDF : 0.0/0

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 107.195 ± 0.065 χ^2/NDF : 2680.4/2

asym_sam_15_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 70.627+/-799.811 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -144.708+/-712.404 χ^2 /NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

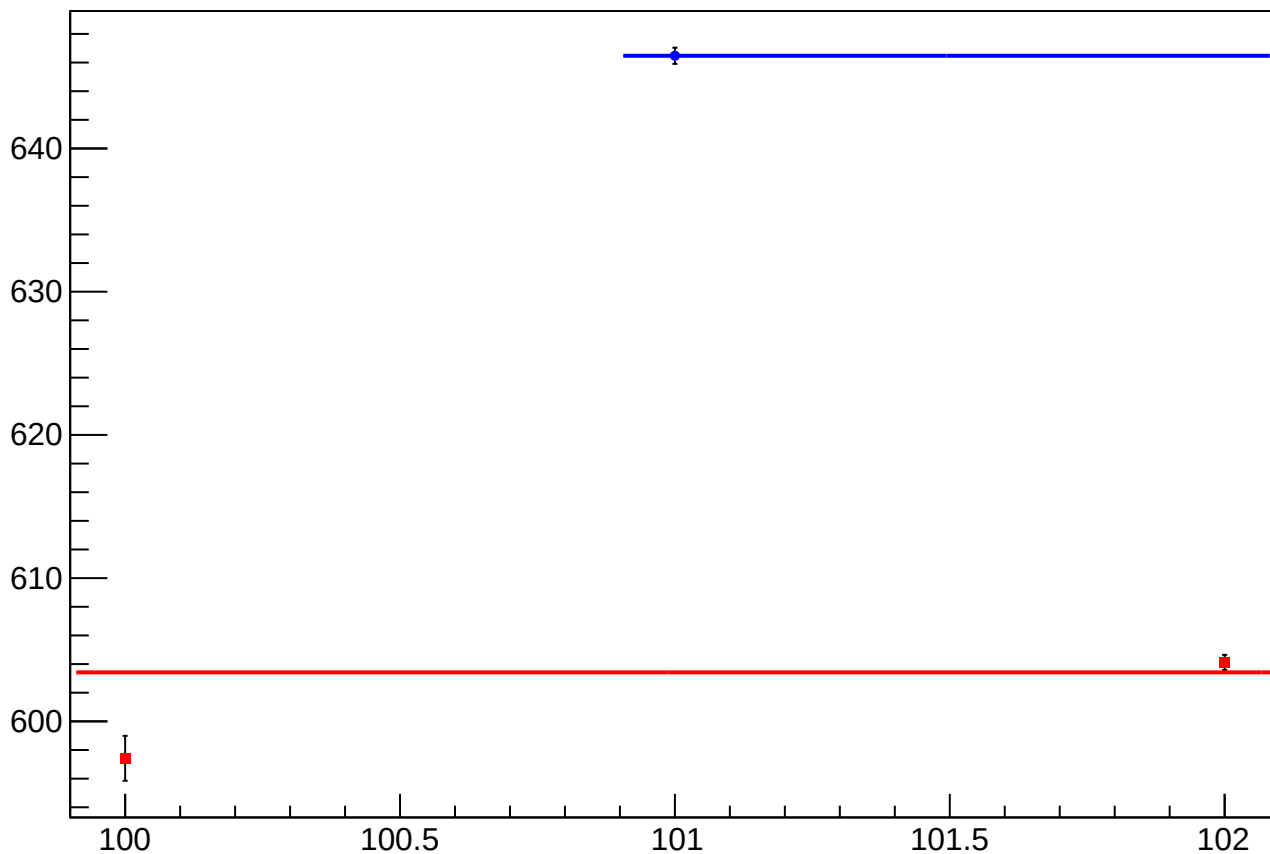
Right: -49.446+/-531.975 χ^2 /NDF: 0.1/2

In: 70.627+/-799.811 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -49.446+/-531.975 χ^2 /NDF: 0.1/2

asym_sam_15_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 646.474 $\pm$ 0.566 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 603.423 $\pm$ 0.504 χ^2 /NDF: 16.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

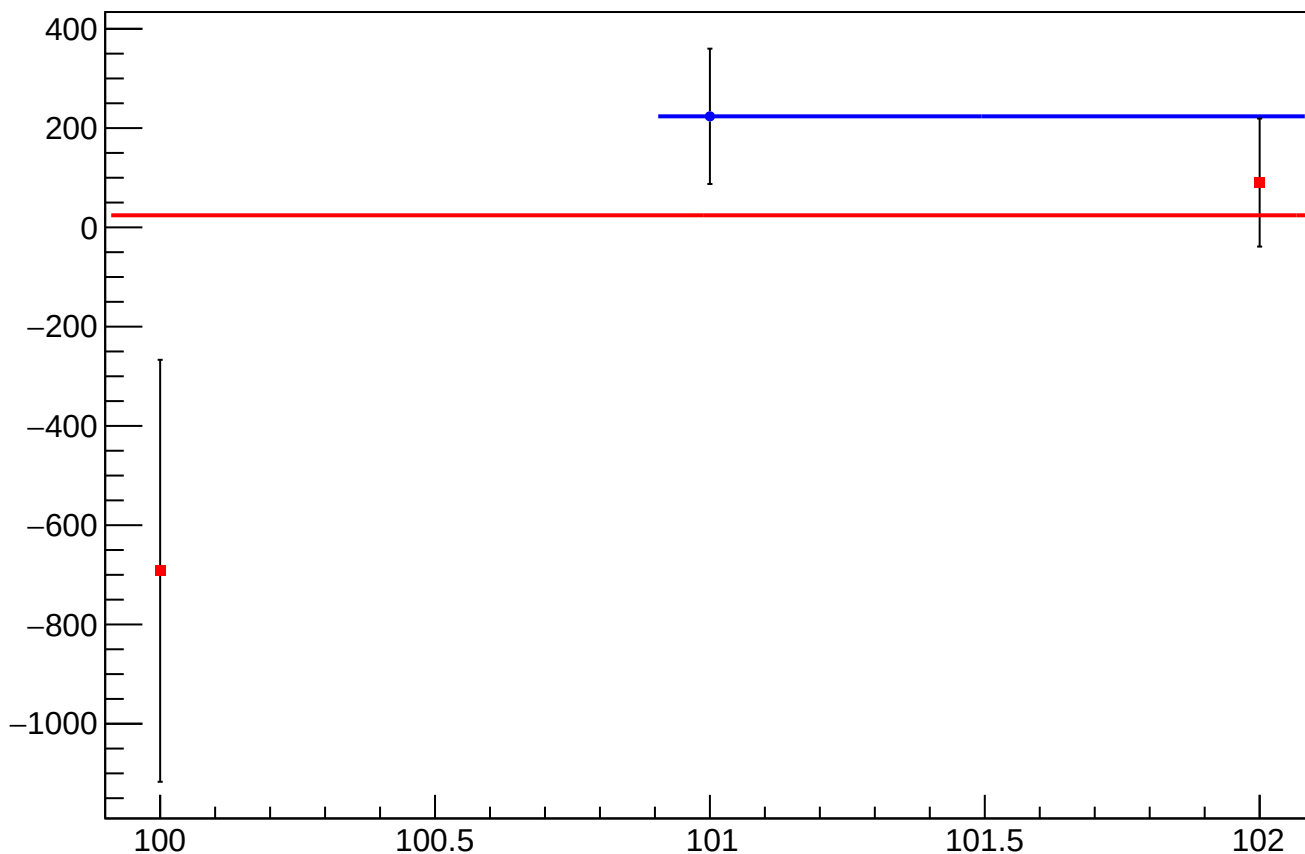
Right: 622.468 $\pm$ 0.376 χ^2 /NDF: 3247.4/2

In: 646.474 $\pm$ 0.566 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 622.468 $\pm$ 0.376 χ^2 /NDF: 3247.4/2

eigen_dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 223.712 $\pm$ 136.303 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 24.331 $\pm$ 123.436 χ^2 /NDF: 3.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

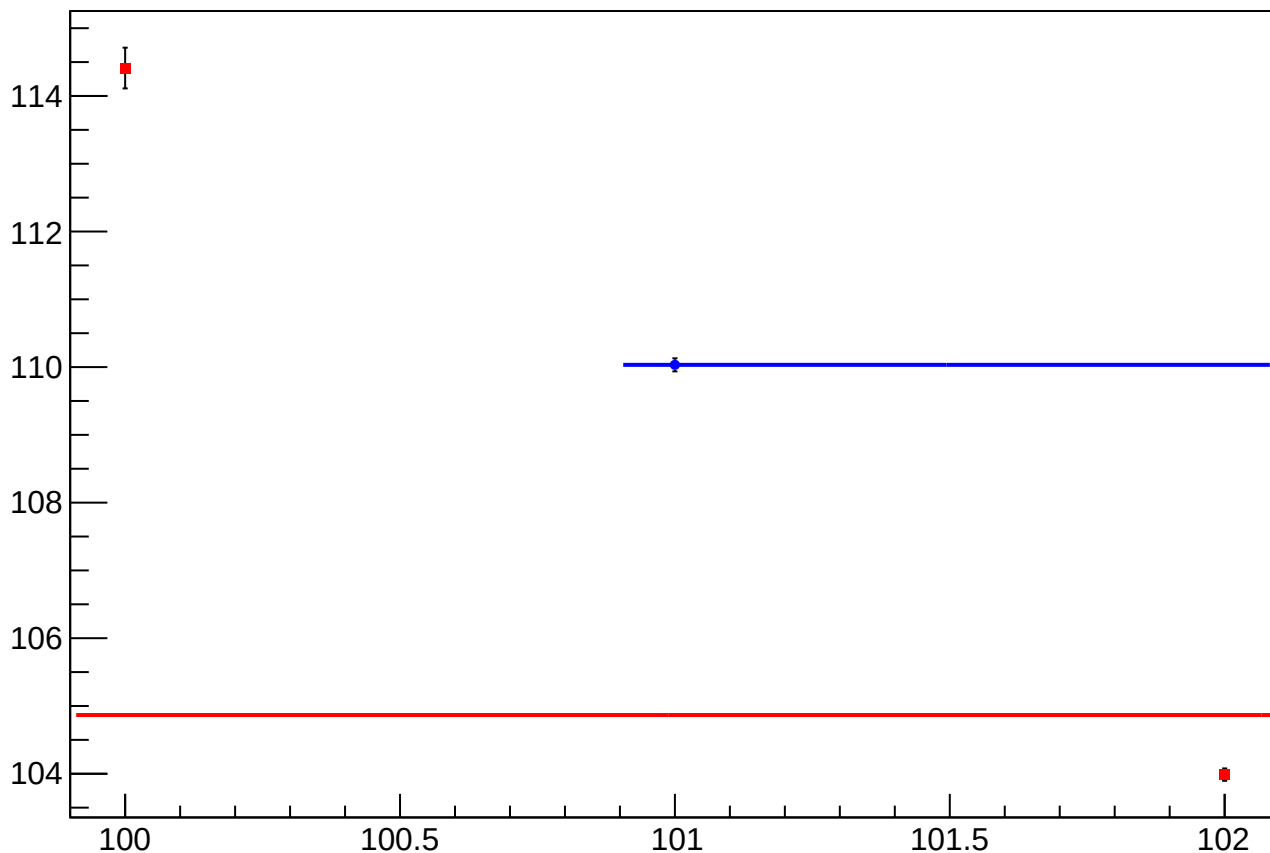
Right: 114.168 $\pm$ 91.494 χ^2 /NDF: 4.3/2

In: 223.712 $\pm$ 136.303 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 114.168 $\pm$ 91.494 χ^2 /NDF: 4.3/2

eigen_dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 110.033+/-0.096 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.866+/-0.087 χ^2/NDF : 1101.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

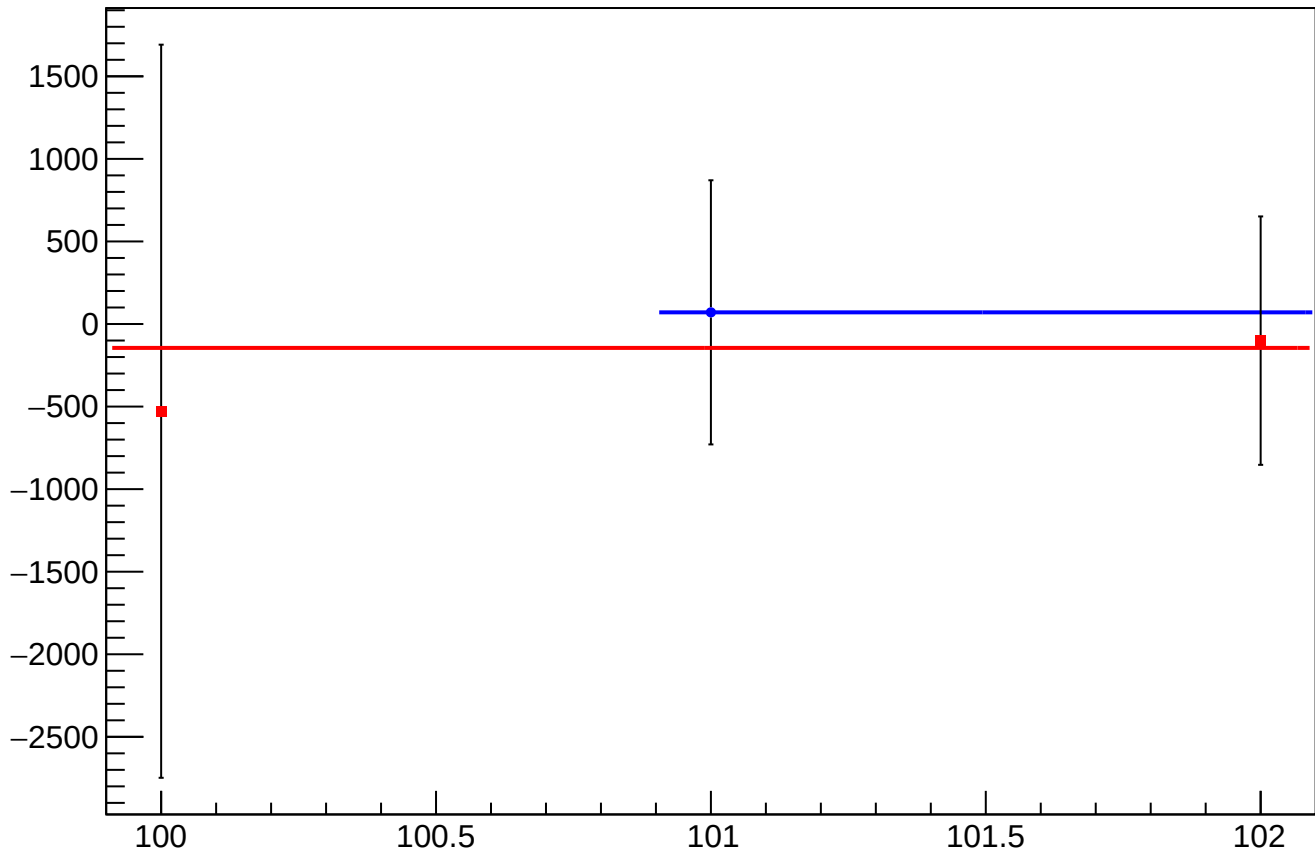
Right: 107.194+/-0.065 χ^2/NDF : 2680.2/2

In: 110.033+/-0.096 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.194+/-0.065 χ^2/NDF : 2680.2/2

asym_sam_15_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 70.628+/-799.810 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -144.709+/-712.403 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

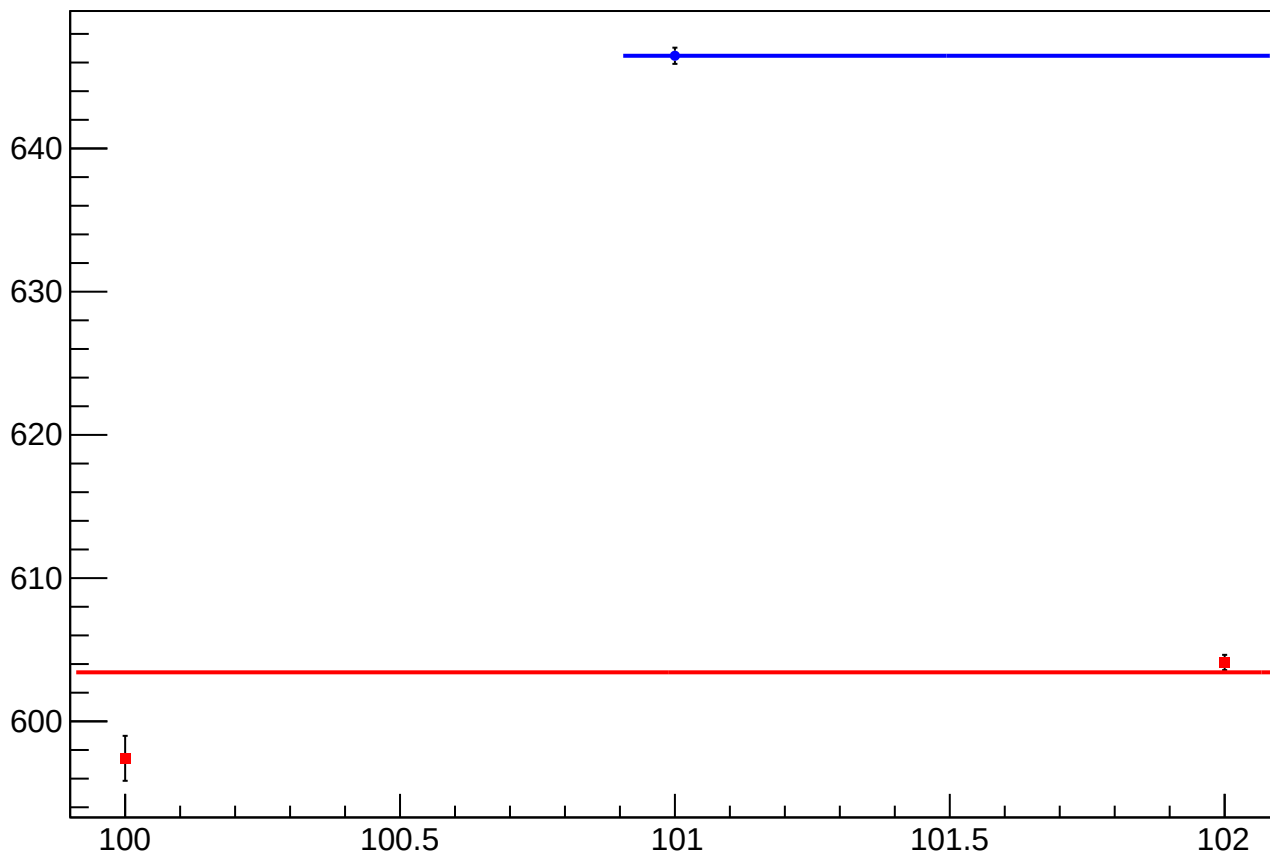
Right: -49.445+/-531.974 χ^2/NDF : 0.1/2

In: 70.628+/-799.810 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -49.445+/-531.974 χ^2/NDF : 0.1/2

asym_sam_15_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 646.473+/-0.566 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 603.422+/-0.504 χ^2/NDF : 16.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

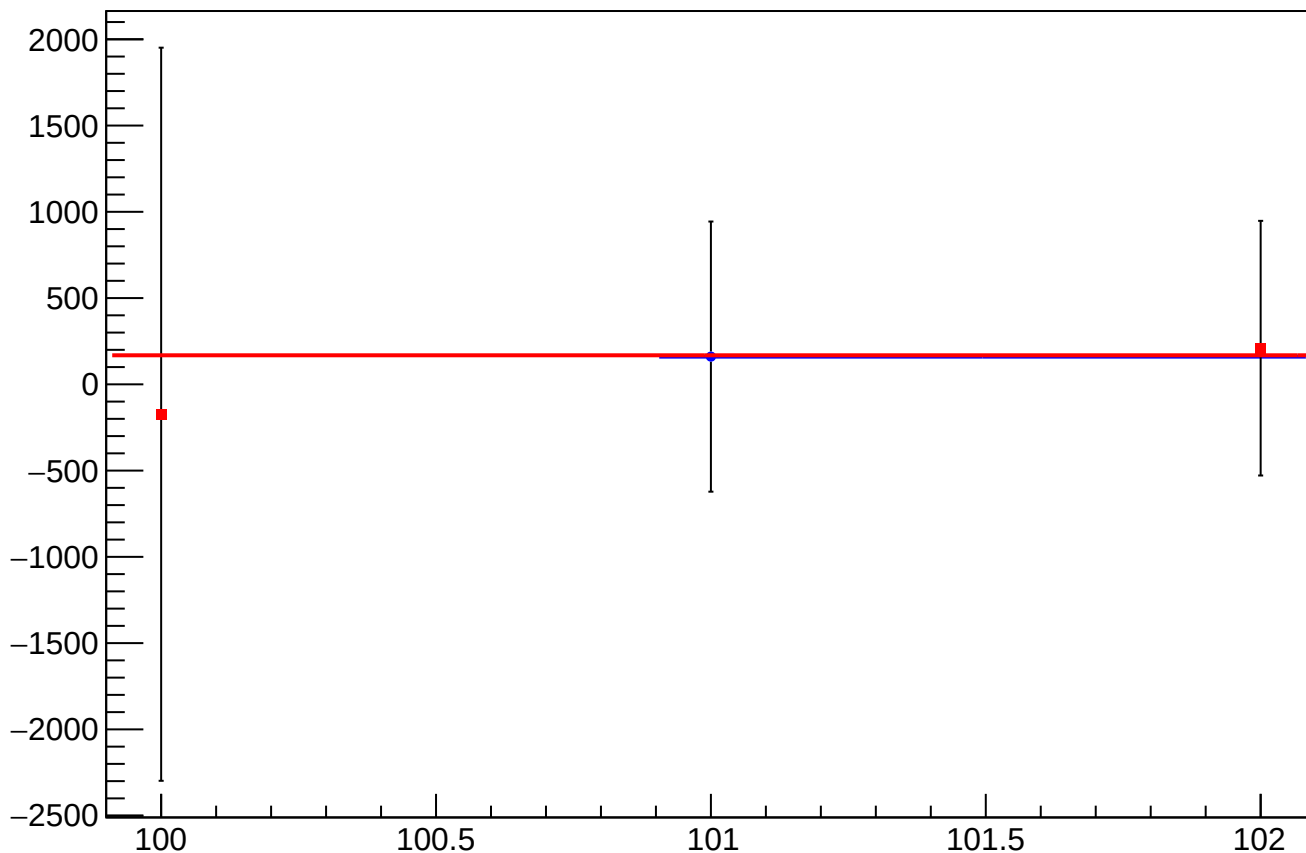
Right: 622.467+/-0.376 χ^2/NDF : 3247.3/2

In: 646.473+/-0.566 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 622.467+/-0.376 χ^2/NDF : 3247.3/2

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 160.725+/-782.937 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 168.368+/-697.179 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

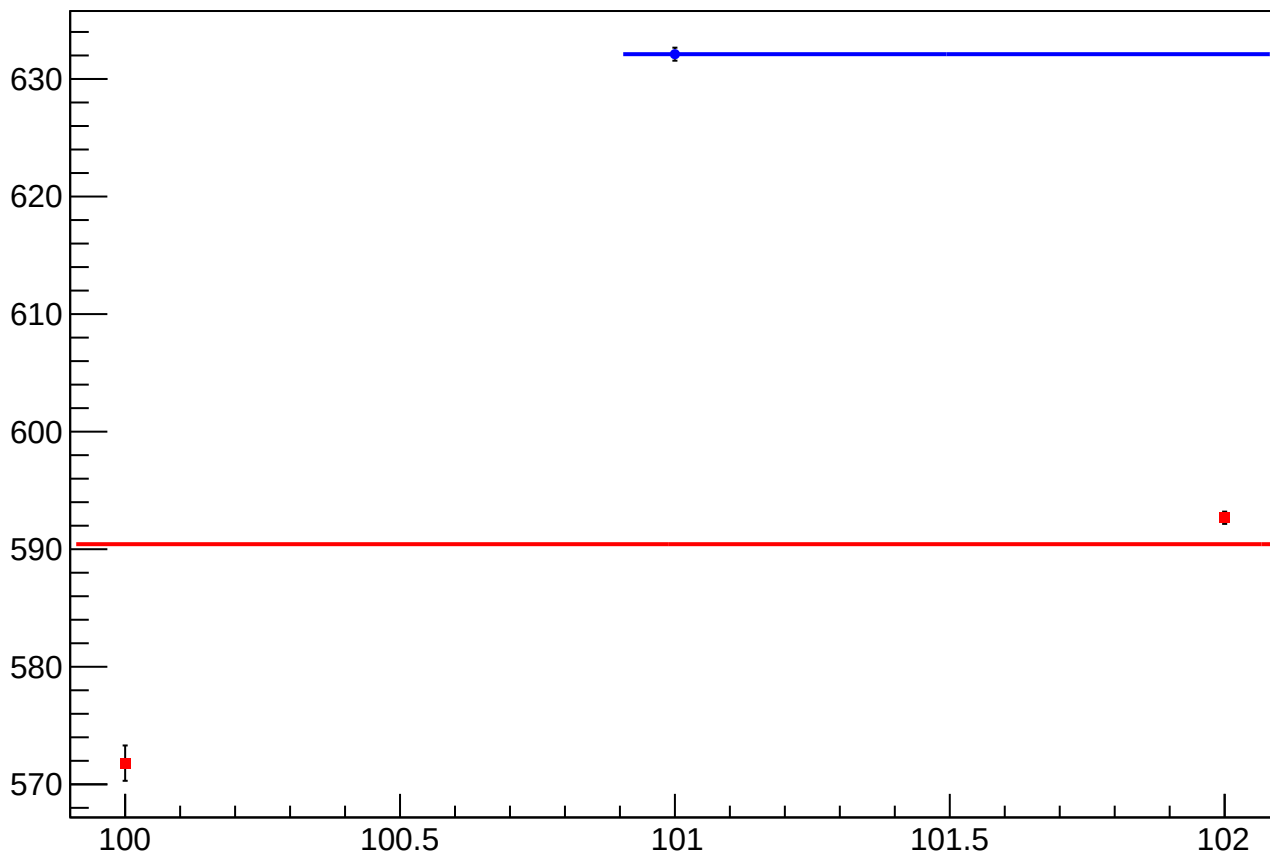
Right: 164.988+/-520.670 χ^2/NDF : 0.0/2

In: 160.725+/-782.937 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.988+/-520.670 χ^2/NDF : 0.0/2

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 632.110 $\pm$ 0.554 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 590.428 $\pm$ 0.493 χ^2 /NDF: 172.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

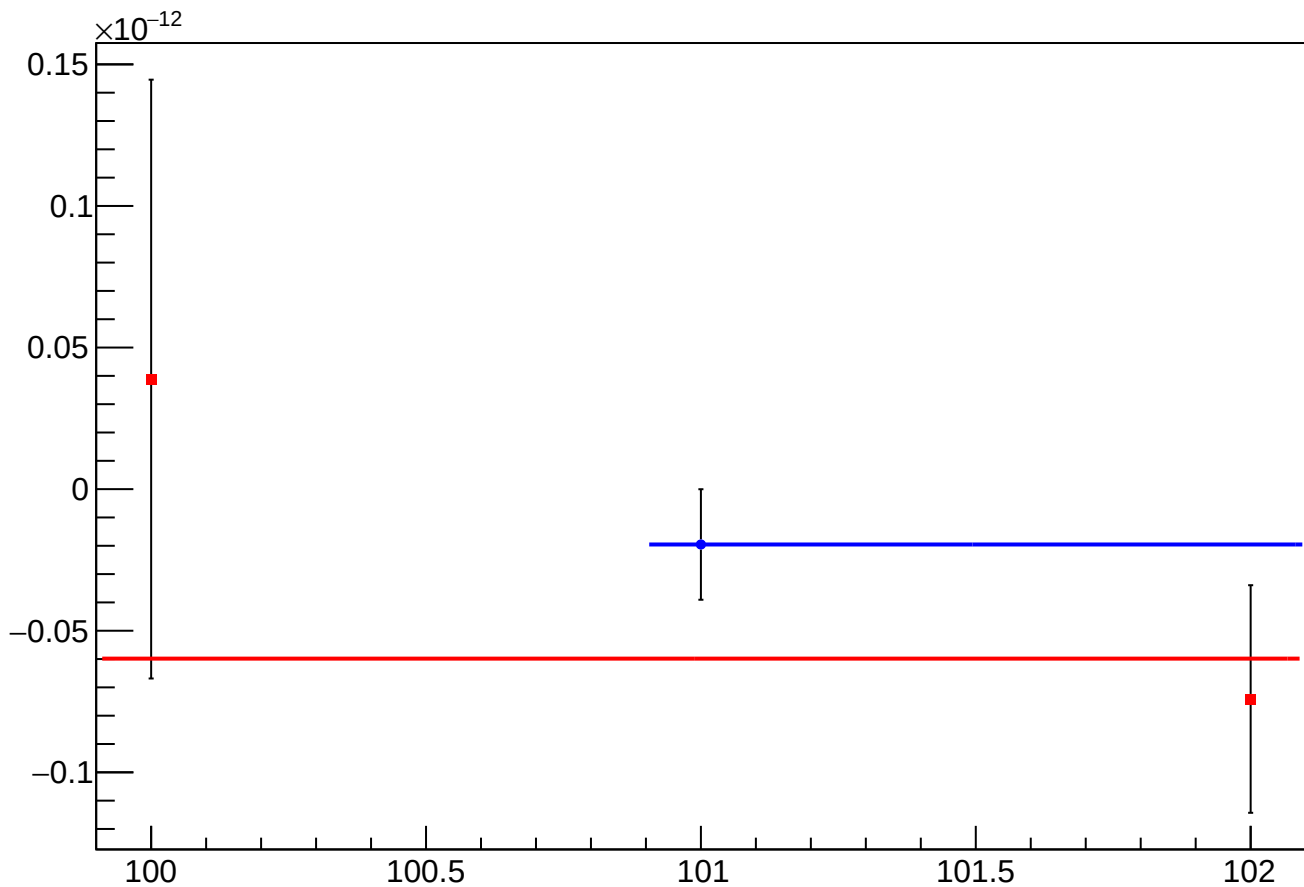
Right: 608.862 $\pm$ 0.368 χ^2 /NDF: 3333.8/2

In: 632.110 $\pm$ 0.554 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 608.862 $\pm$ 0.368 χ^2 /NDF: 3333.8/2

asym_sam_15_dd_reg_vs_cor_diff_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 : 1.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

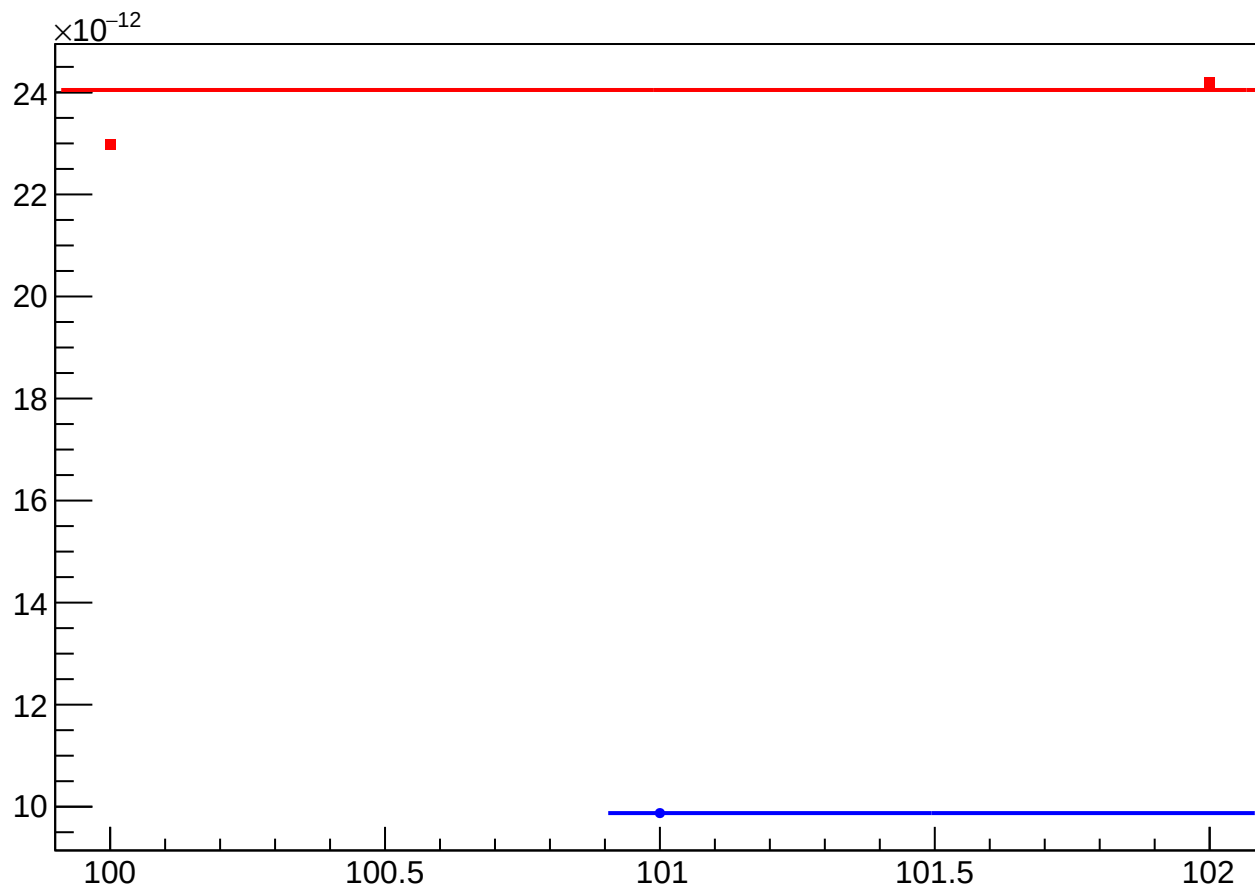
Right: -0.000+/-0.000 χ^2/NDF : 1.9/2

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 : 1.9/2

asym_sam_15_dd_reg_vs_cor_diff_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 : 233.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

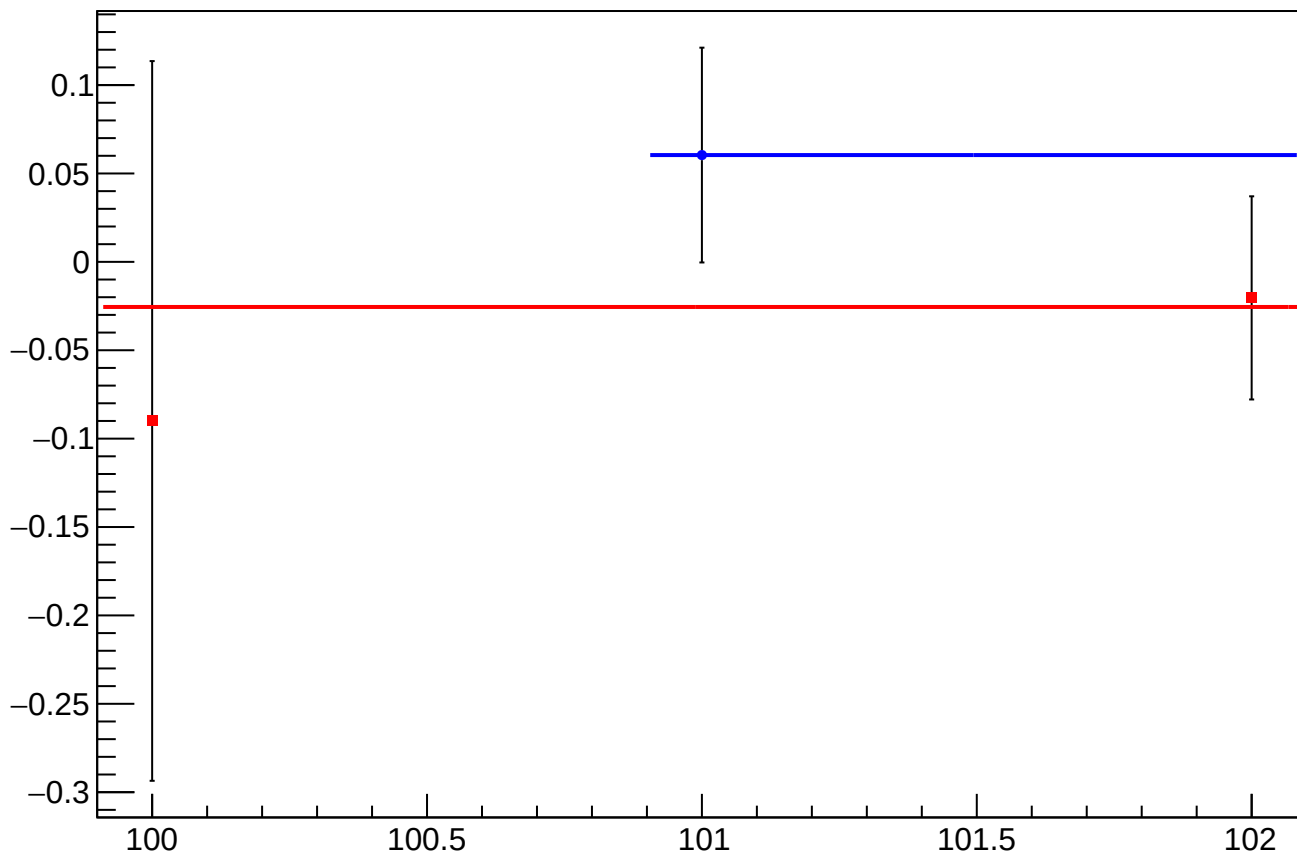
Right: 0.000+/-0.000 χ^2/NDF : 224433.6/2

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 : 224433.6/2

asym_sam_15_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.060 $\pm$ 0.061 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.026 $\pm$ 0.055 χ^2/NDF : 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

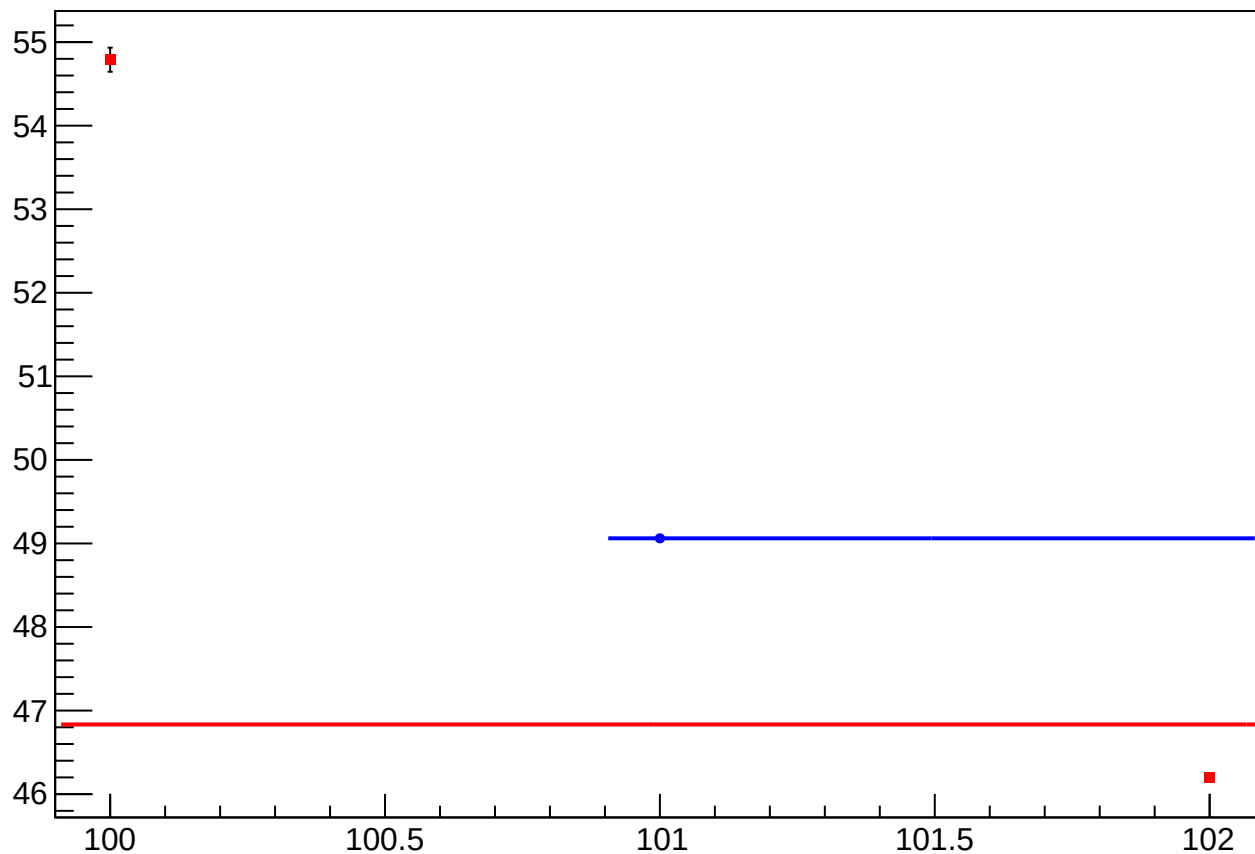
Right: 0.013 $\pm$ 0.041 χ^2/NDF : 1.2/2

In: 0.060 $\pm$ 0.061 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.013 $\pm$ 0.041 χ^2/NDF : 1.2/2

asym_sam_15_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.061 $\pm$ 0.043 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 46.834 $\pm$ 0.039 χ^2 /NDF: 3298.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

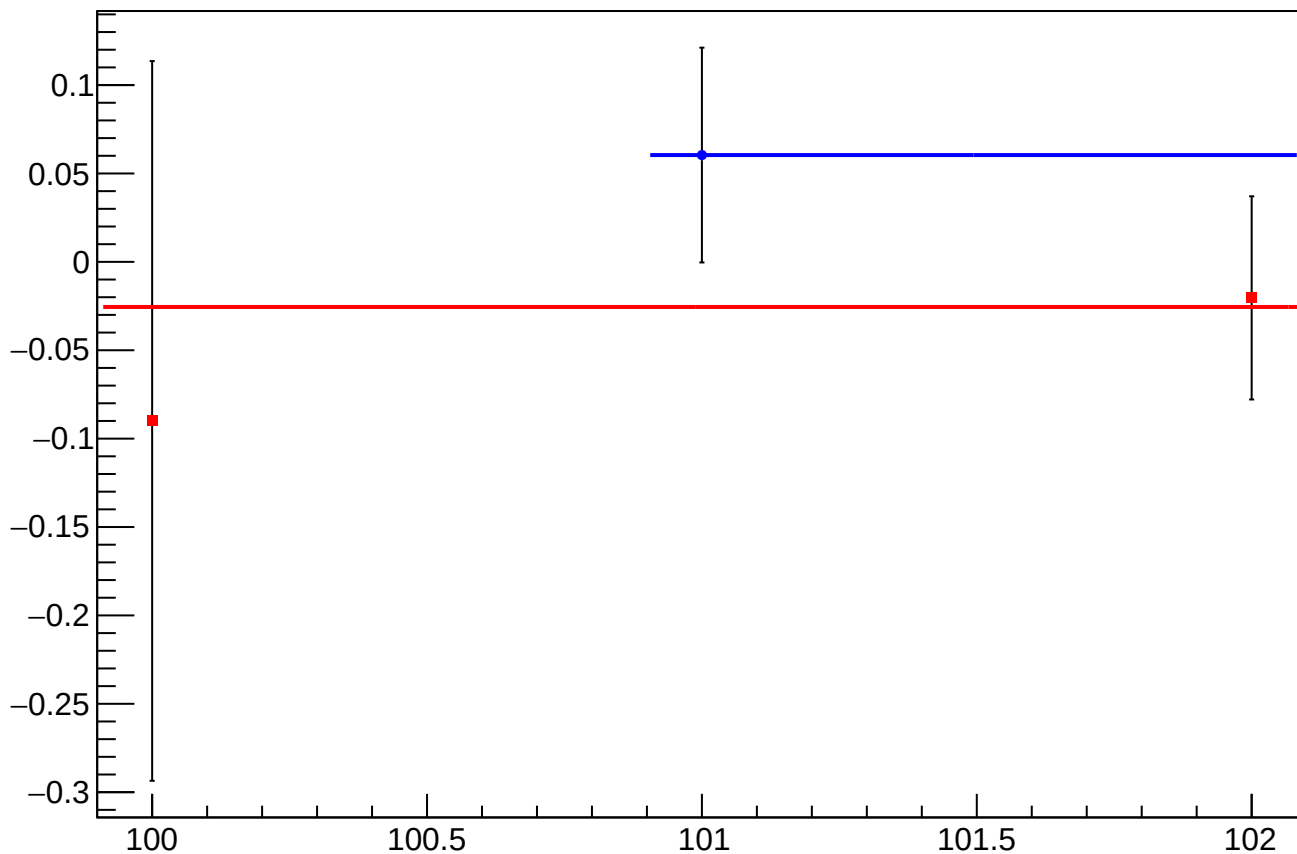
Right: 47.843 $\pm$ 0.029 χ^2 /NDF: 4768.2/2

In: 49.061 $\pm$ 0.043 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 47.843 $\pm$ 0.029 χ^2 /NDF: 4768.2/2

asym_sam_15_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.060+/-0.061 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.026+/-0.055 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

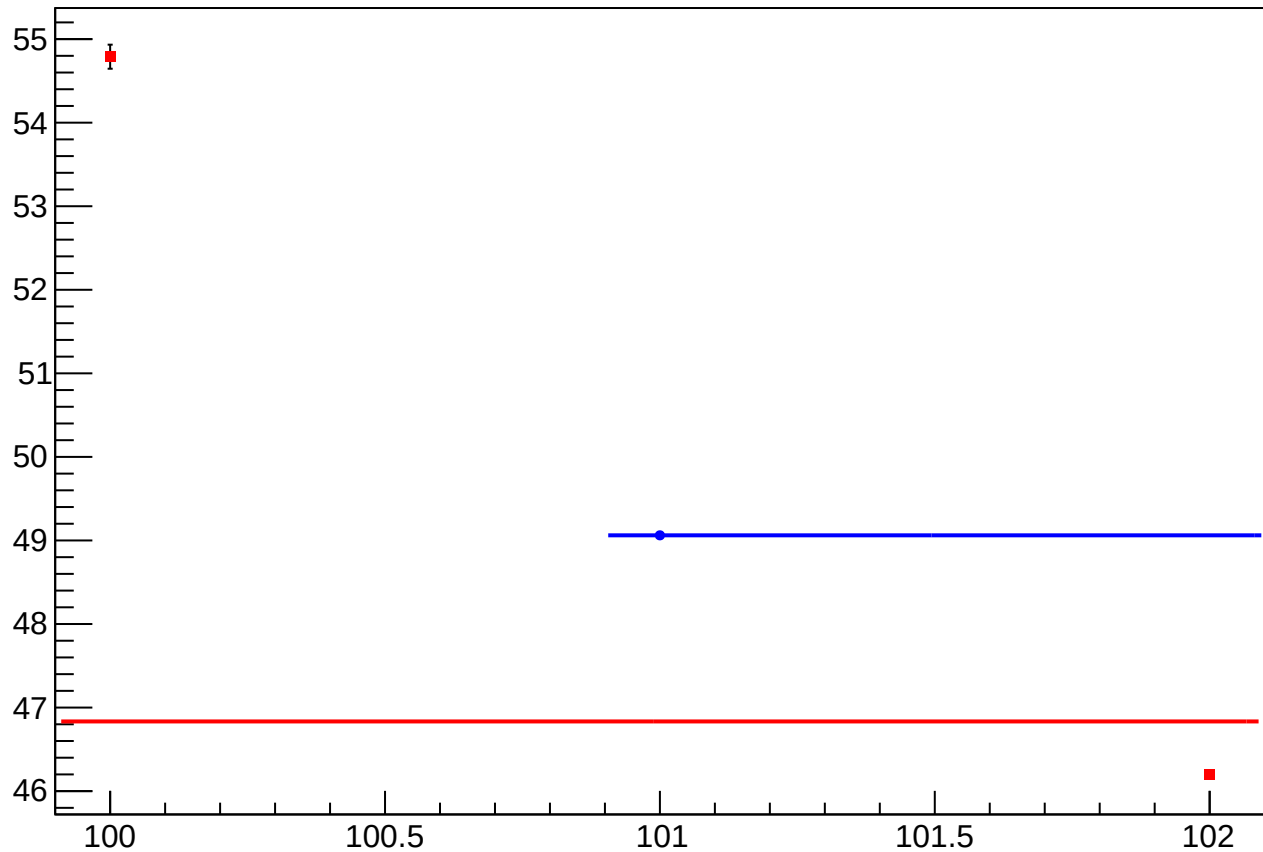
Right: 0.013+/-0.041 χ^2/NDF : 1.2/2

In: 0.060+/-0.061 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.041 χ^2/NDF : 1.2/2

asym_sam_15_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.061+/-0.043 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.834+/-0.039 χ^2/NDF : 3298.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

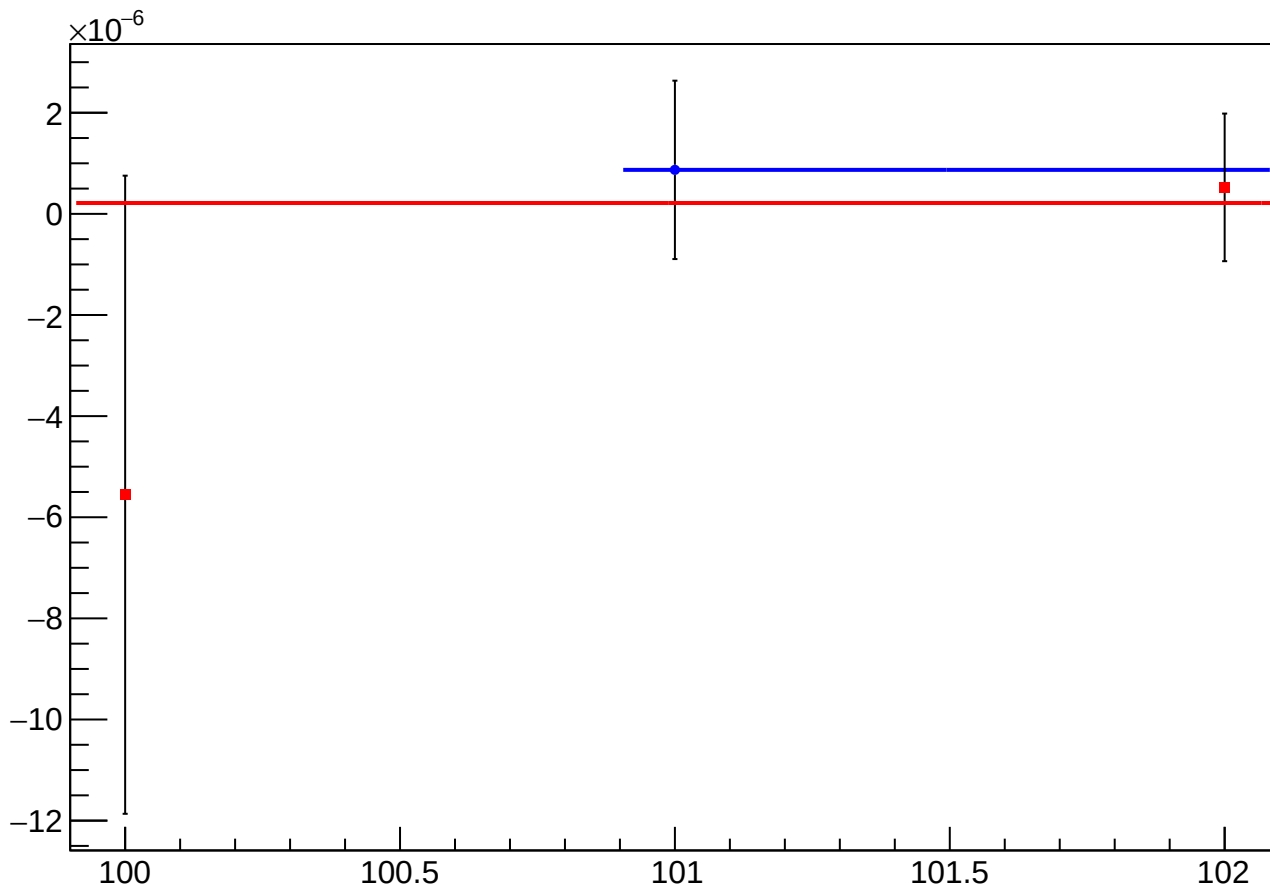
Right: 47.843+/-0.029 χ^2/NDF : 4768.2/2

In: 49.061+/-0.043 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.843+/-0.029 χ^2/NDF : 4768.2/2

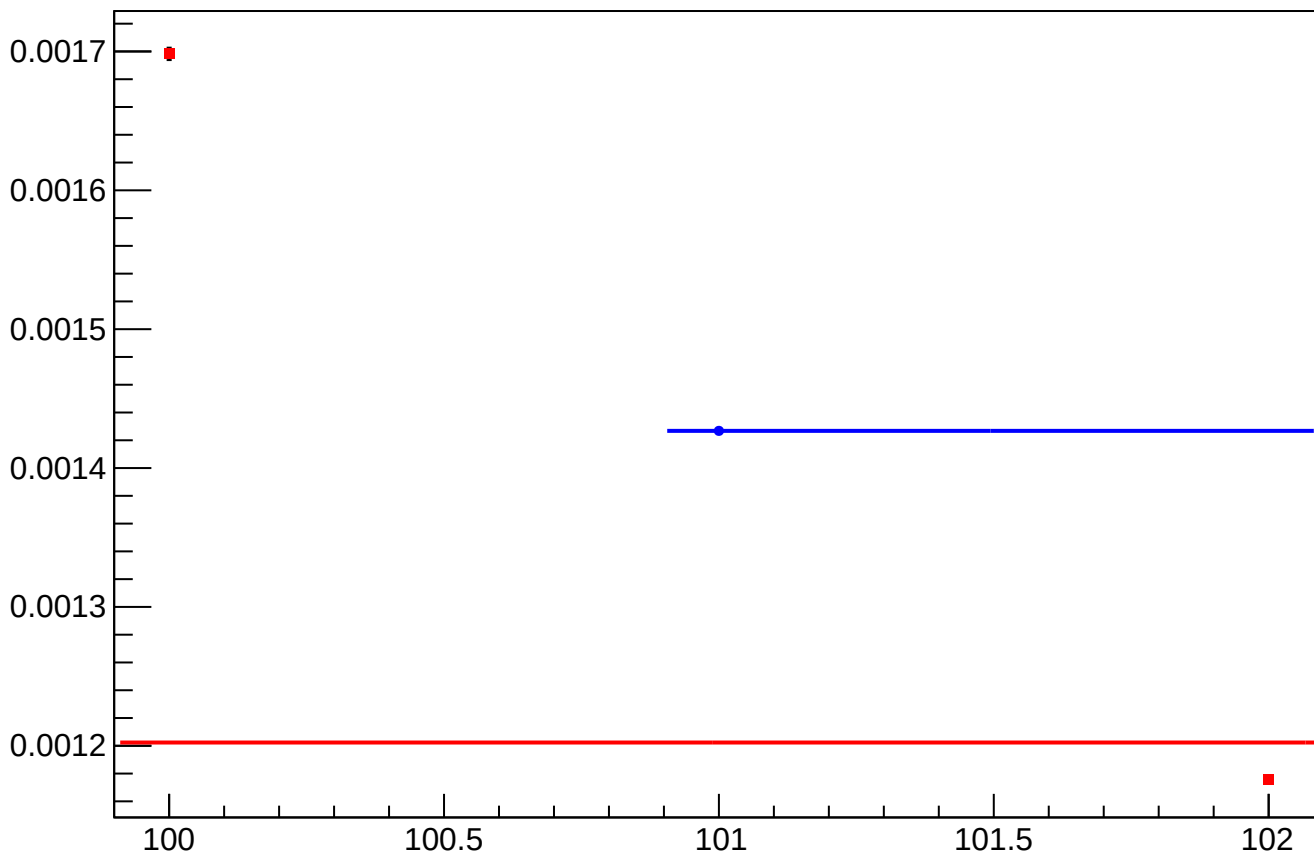
asym_sam_15_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.9/1
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1.0/2
 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 : 1.0/2

asym_sam_15_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 13012.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

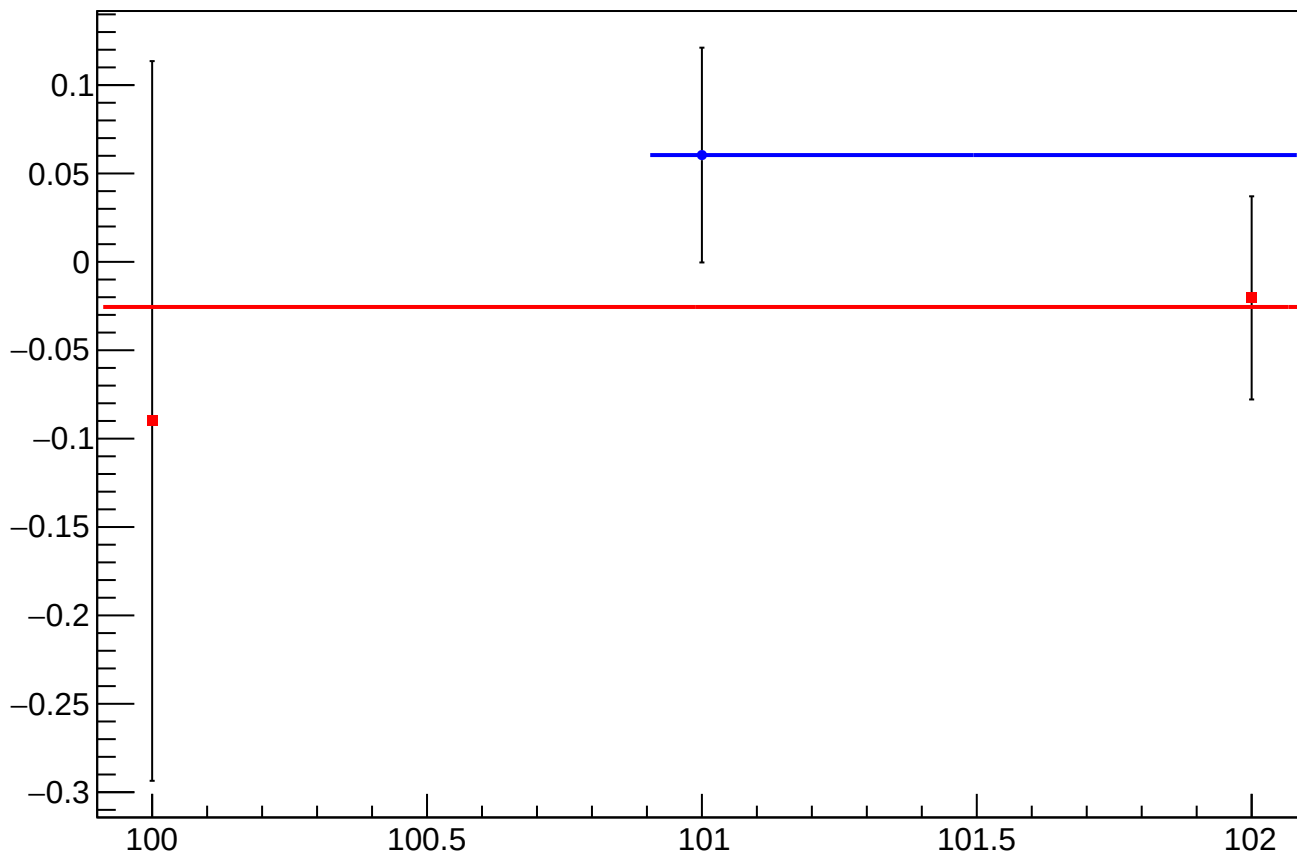
Right: 0.001+/-0.000 χ^2/NDF : 32633.5/2

In: 0.001+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 32633.5/2

asym_sam_15_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.060 $\pm$ 0.061 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.026 $\pm$ 0.055 χ^2/NDF : 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

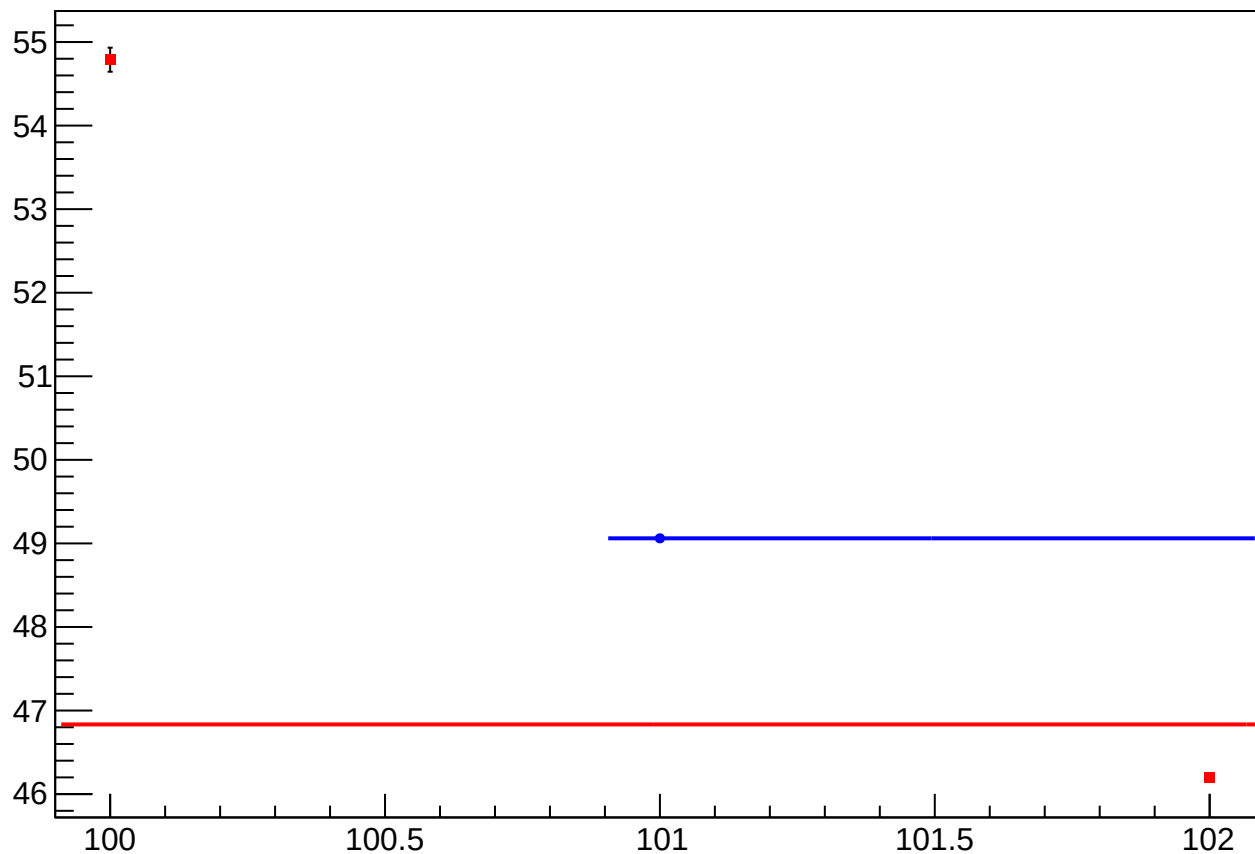
Right: 0.013 $\pm$ 0.041 χ^2/NDF : 1.2/2

In: 0.060 $\pm$ 0.061 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.013 $\pm$ 0.041 χ^2/NDF : 1.2/2

asym_sam_15_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.061 $\pm$ 0.043 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 46.834 $\pm$ 0.039 χ^2/NDF : 3297.5/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

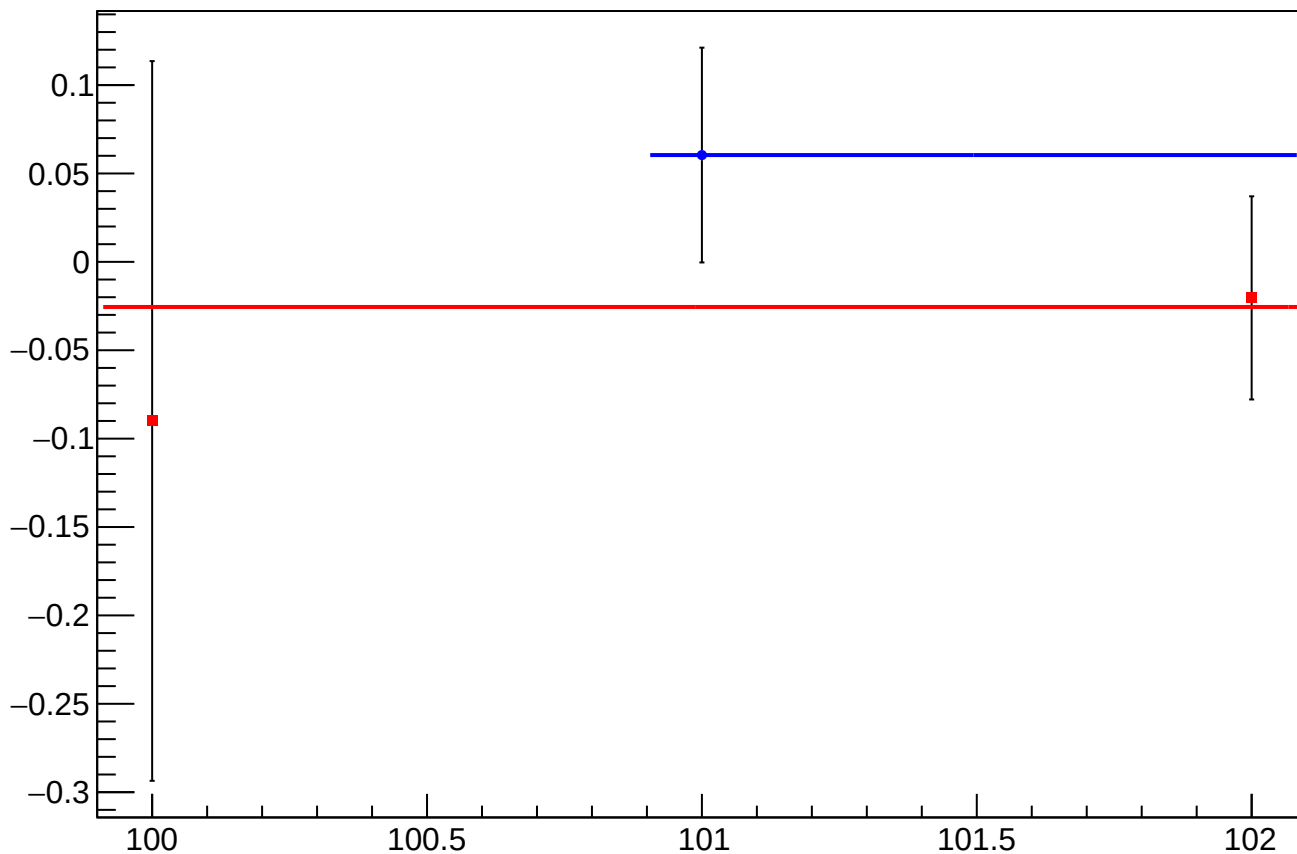
Right: 47.843 $\pm$ 0.029 χ^2/NDF : 4767.5/2

In: 49.061 $\pm$ 0.043 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 47.843 $\pm$ 0.029 χ^2/NDF : 4767.5/2

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.060 $\pm$ 0.061 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.026 $\pm$ 0.055 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

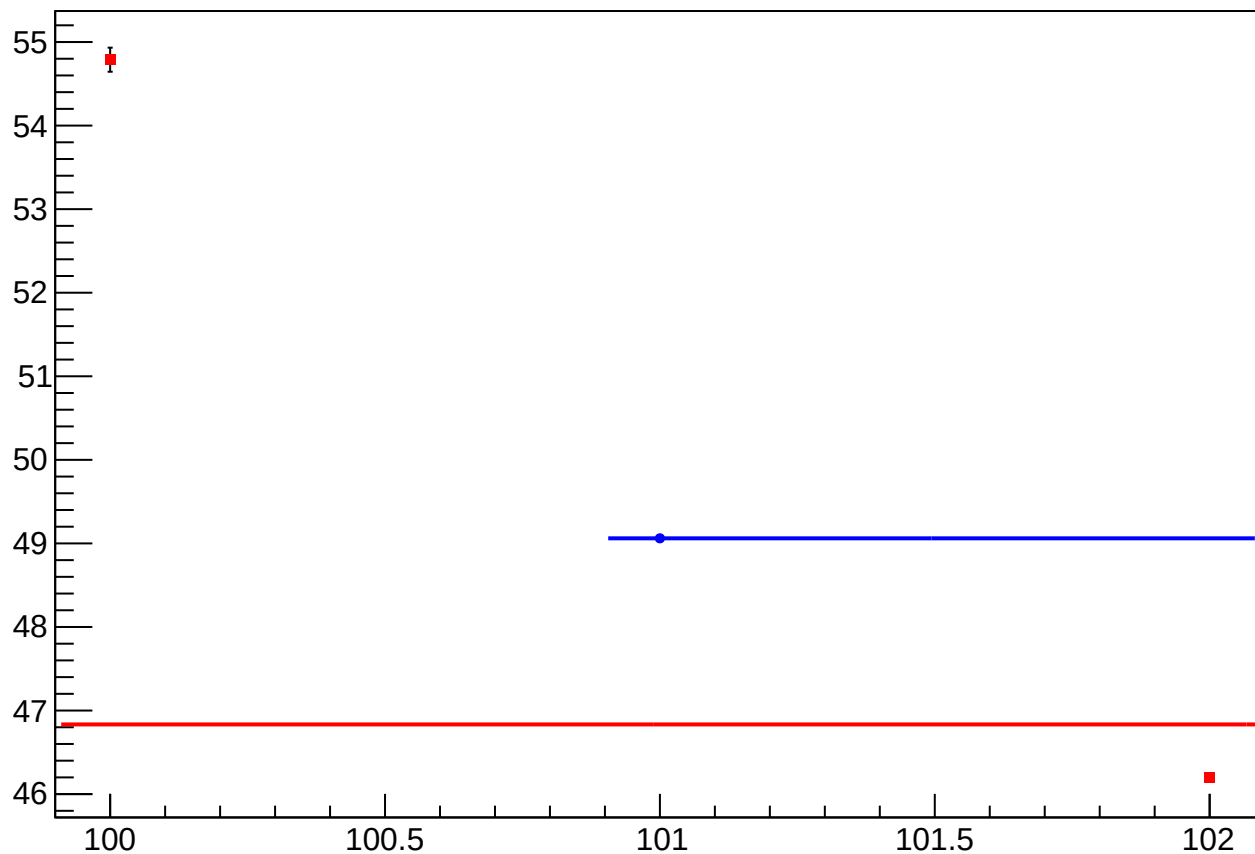
Right: 0.013 $\pm$ 0.041 χ^2 /NDF: 1.2/2

In: 0.060 $\pm$ 0.061 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.013 $\pm$ 0.041 χ^2 /NDF: 1.2/2

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.061+/-0.043 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.834+/-0.039 χ^2/NDF : 3297.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

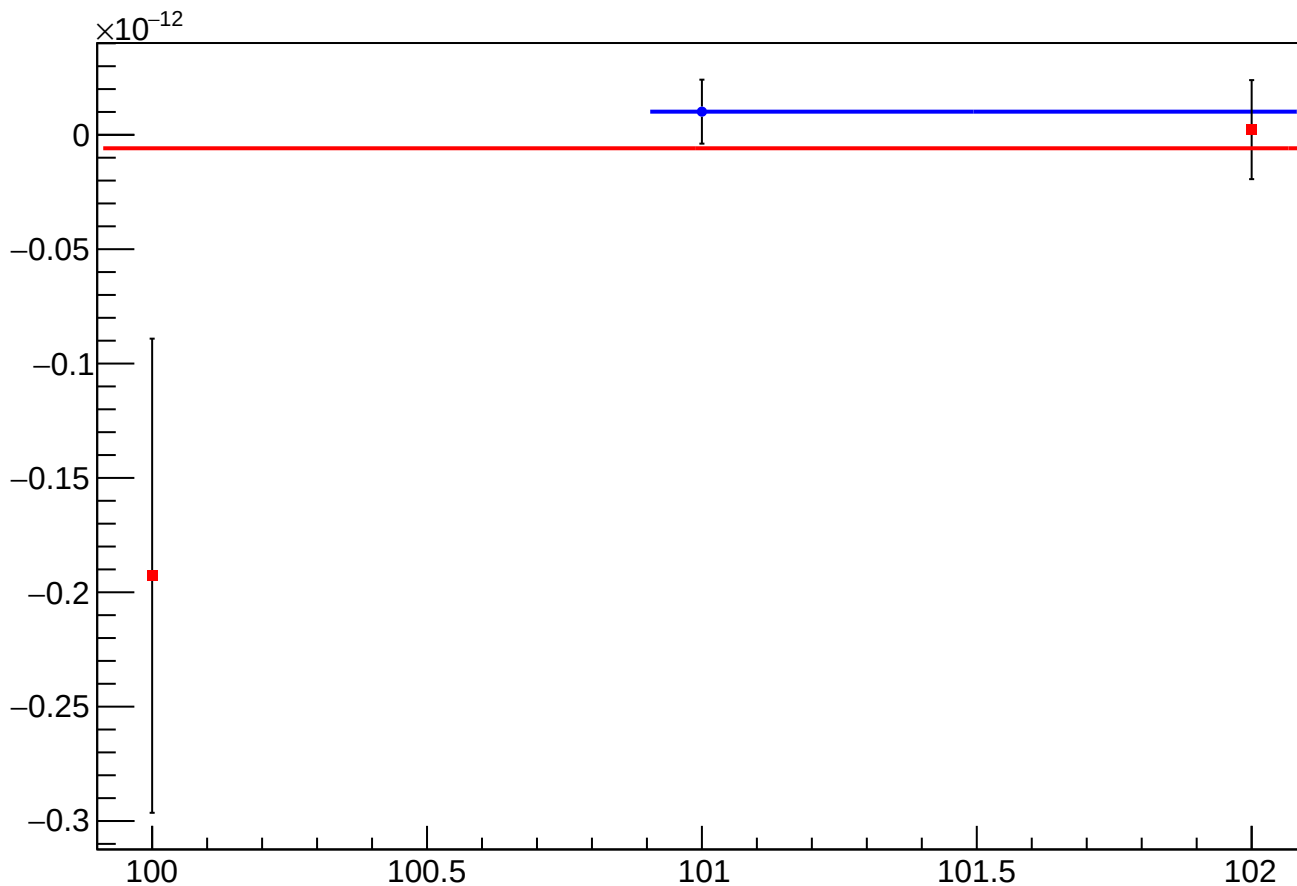
Right: 47.843+/-0.029 χ^2/NDF : 4767.5/2

In: 49.061+/-0.043 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.843+/-0.029 χ^2/NDF : 4767.5/2

asym_sam_15_dd_eigen_cor_vs_cor_diff_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 : 3.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

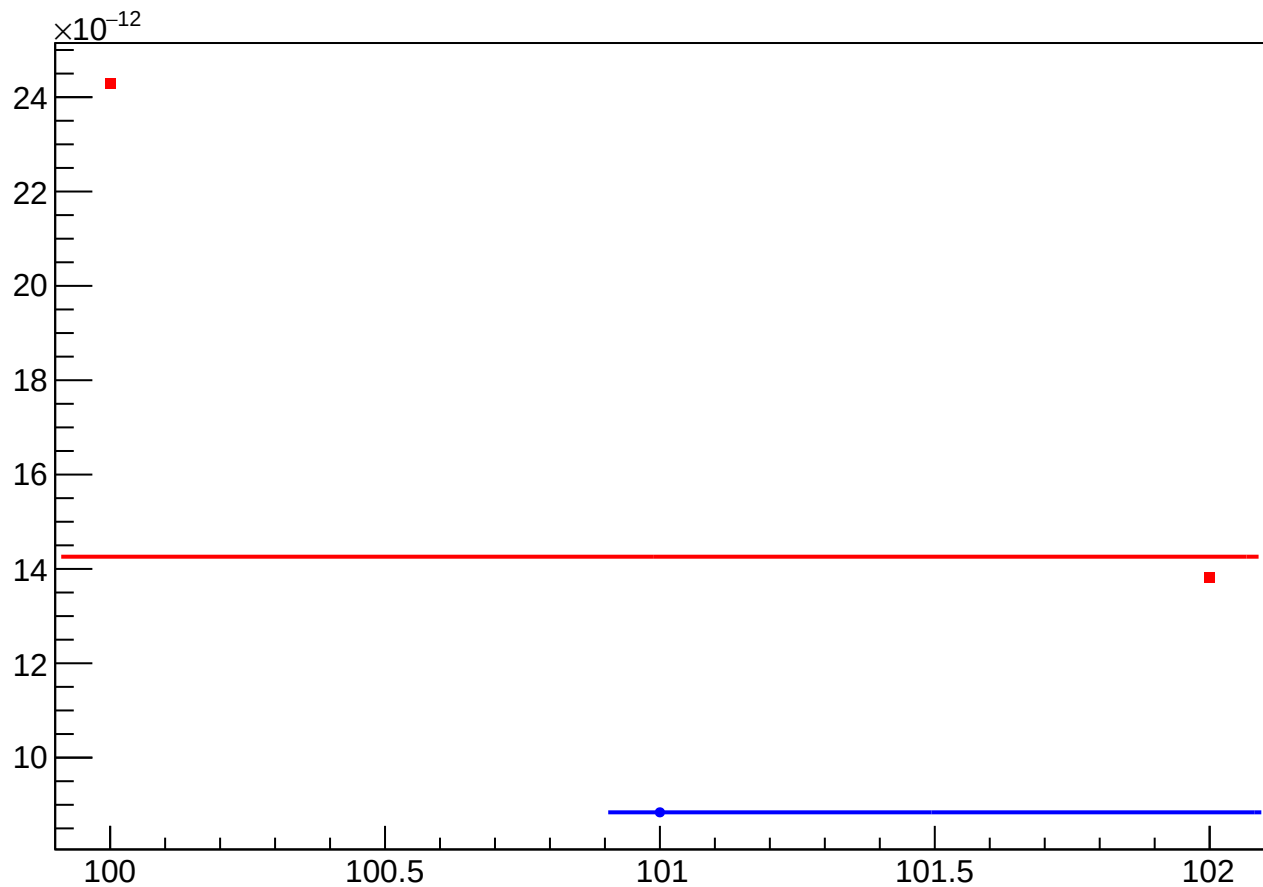
Right: 0.000+/-0.000 χ^2/NDF : 3.8/2

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 : 3.8/2

asym_sam_15_dd_eigen_cor_vs_cor_diff_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 : 19578.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

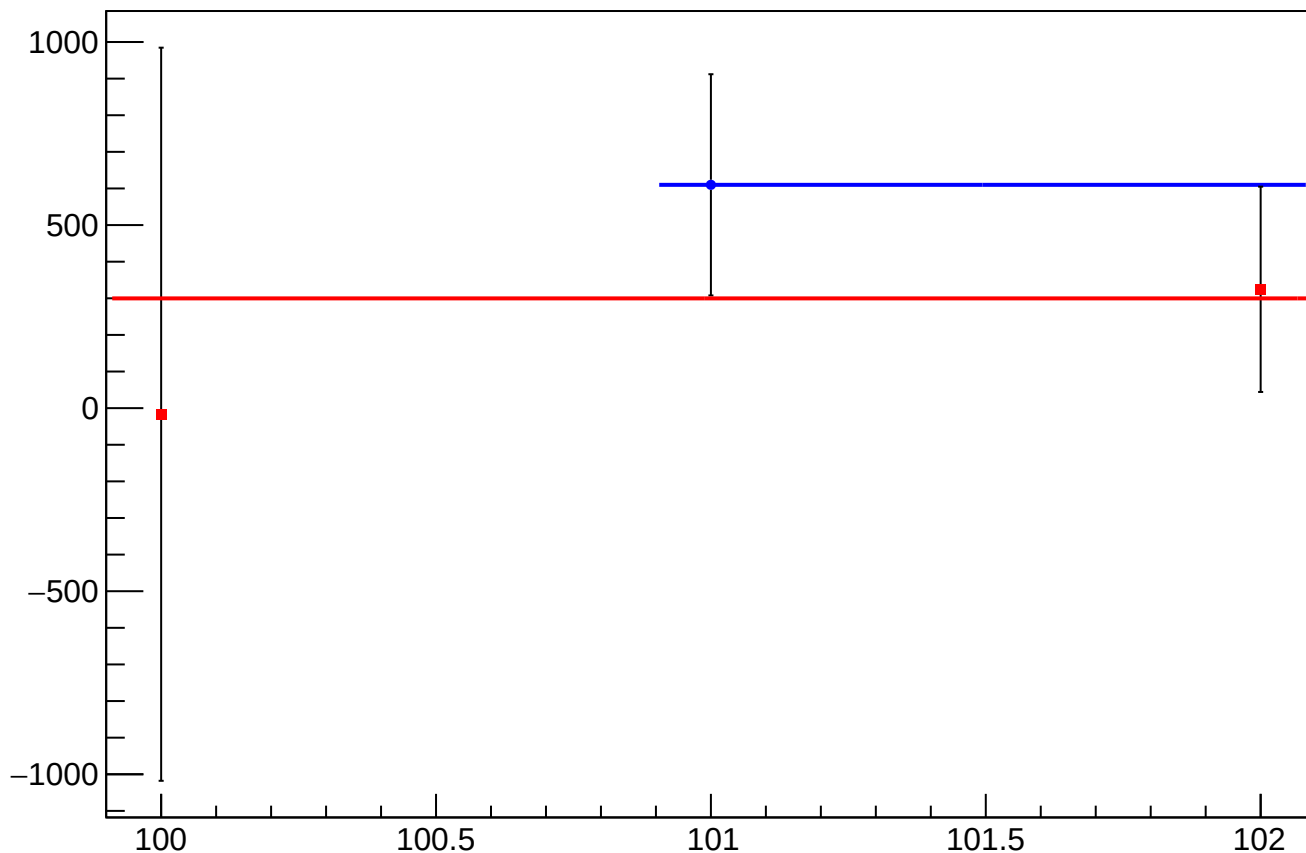
Right: 0.000+/-0.000 χ^2/NDF : 110669.1/2

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 : 110669.1/2

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 609.892 $\pm$ 302.122 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 299.746 $\pm$ 269.978 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

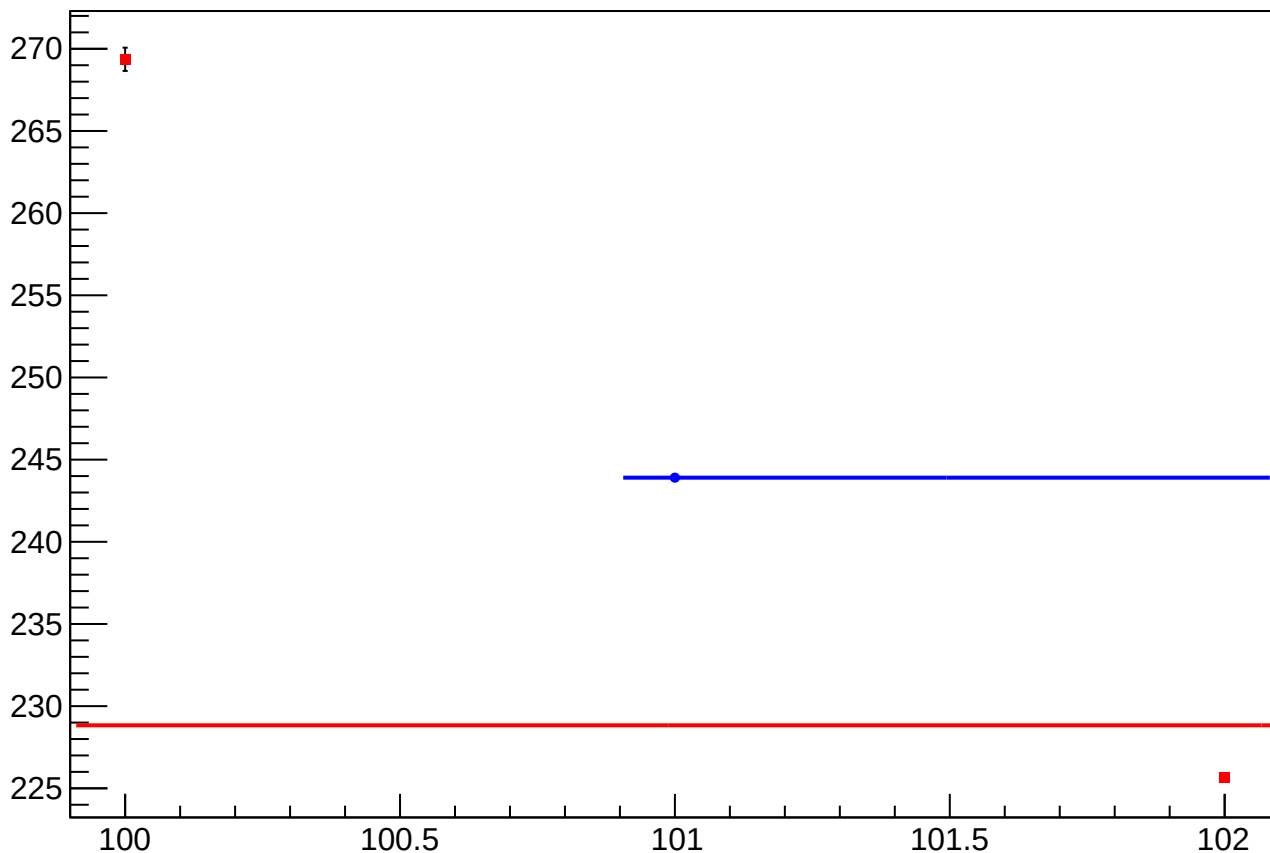
Right: 437.448 $\pm$ 201.312 χ^2 /NDF: 0.7/2

In: 609.892 $\pm$ 302.122 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 437.448 $\pm$ 201.312 χ^2 /NDF: 0.7/2

reg_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 243.904 $\pm$ 0.214 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 228.834 $\pm$ 0.191 χ^2 /NDF: 3534.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

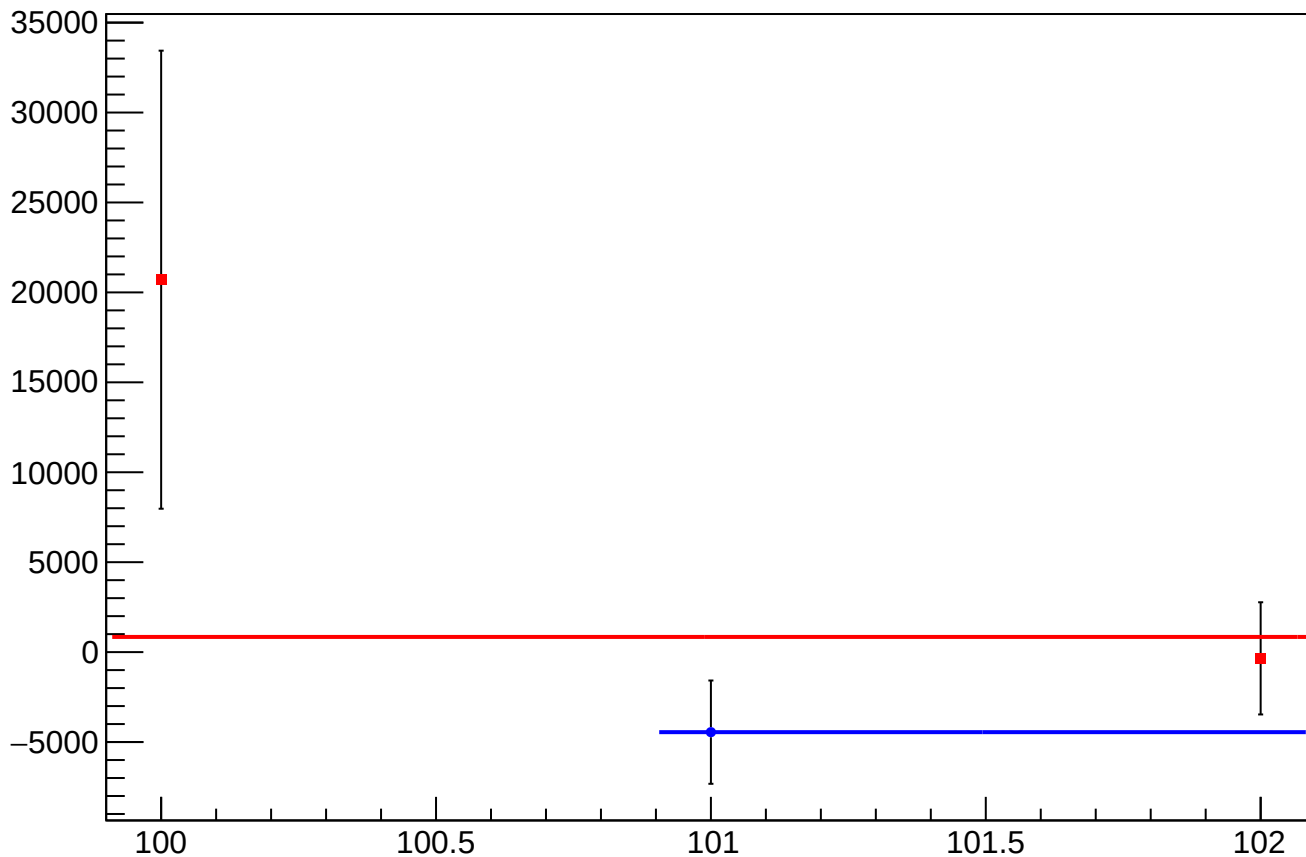
Right: 235.525 $\pm$ 0.142 χ^2 /NDF: 6301.0/2

In: 243.904 $\pm$ 0.214 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 235.525 $\pm$ 0.142 χ^2 /NDF: 6301.0/2

asym_sam_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -4450.535+/-2871.210 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 844.012+/-3029.345 χ^2/NDF : 2.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

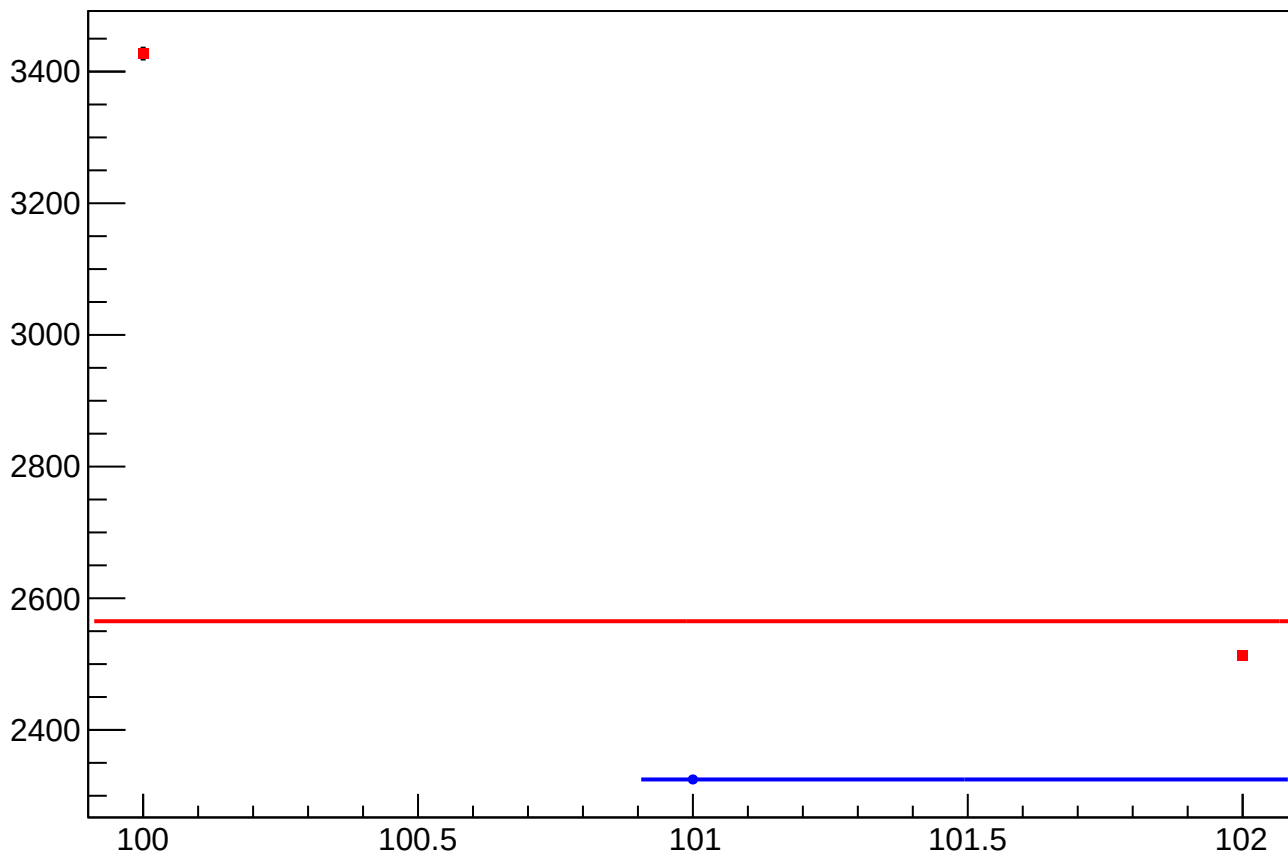
Right: -1945.053+/-2083.915 χ^2/NDF : 4.2/2

In: -4450.535+/-2871.210 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1945.053+/-2083.915 χ^2/NDF : 4.2/2

asym_sam_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2324.767 $\pm$ 2.030 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2565.119 $\pm$ 2.142 χ^2 /NDF: 9719.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

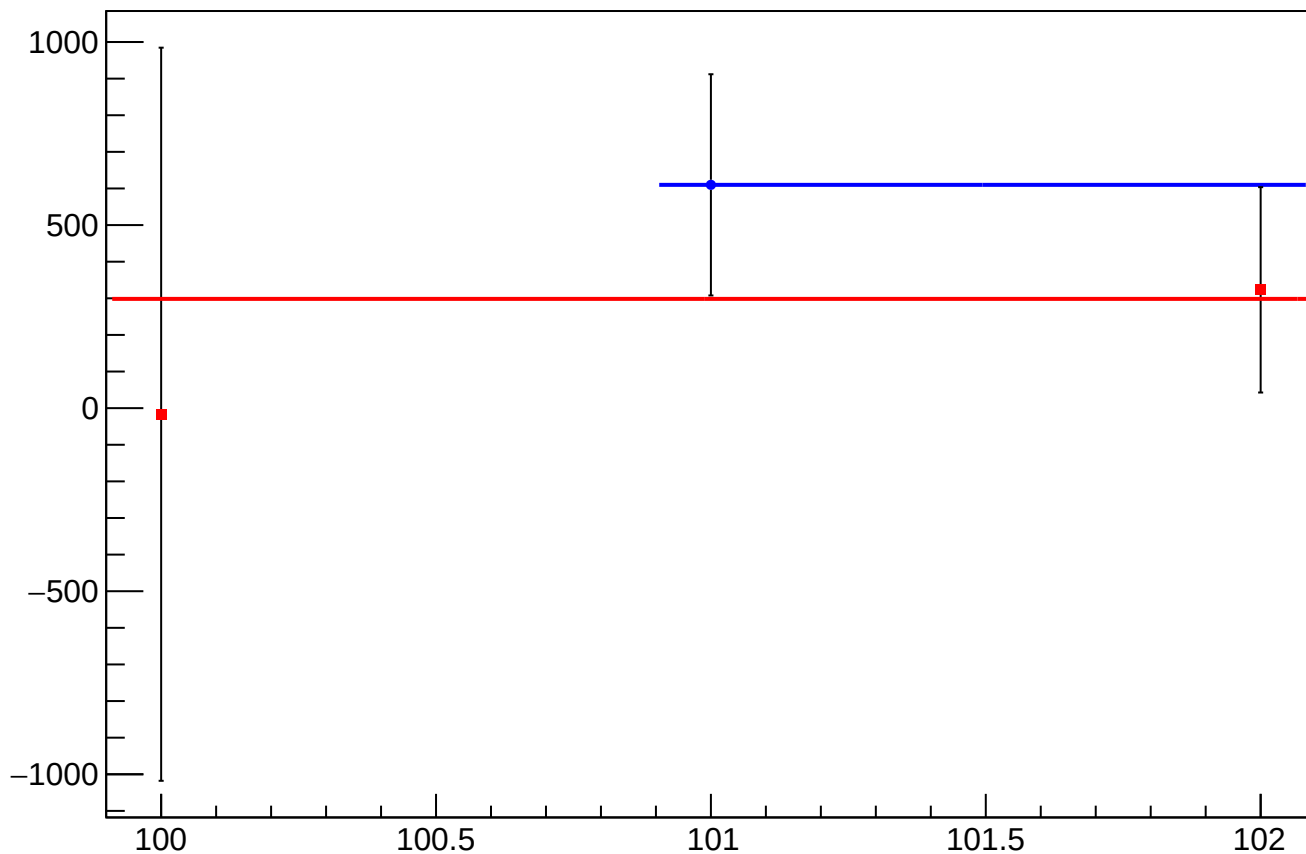
Right: 2438.507 $\pm$ 1.474 χ^2 /NDF: 16351.3/2

In: 2324.767 $\pm$ 2.030 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2438.507 $\pm$ 1.474 χ^2 /NDF: 16351.3/2

cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 609.865 $\pm$ 302.122 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 298.414 $\pm$ 270.042 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

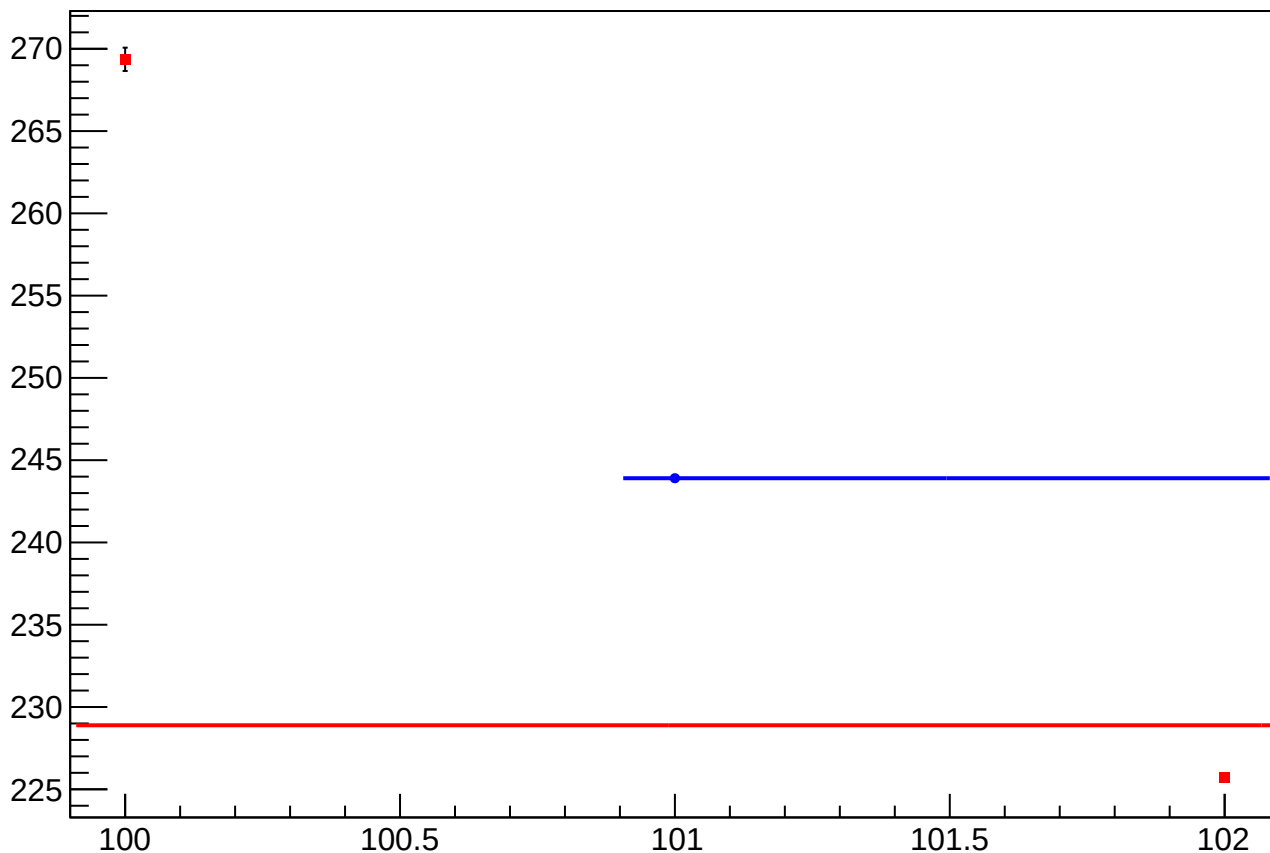
Right: 436.732 $\pm$ 201.338 χ^2 /NDF: 0.7/2

In: 609.865 $\pm$ 302.122 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 436.732 $\pm$ 201.338 χ^2 /NDF: 0.7/2

cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 243.904 $\pm$ 0.214 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 228.890 $\pm$ 0.191 χ^2/NDF : 3524.7/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

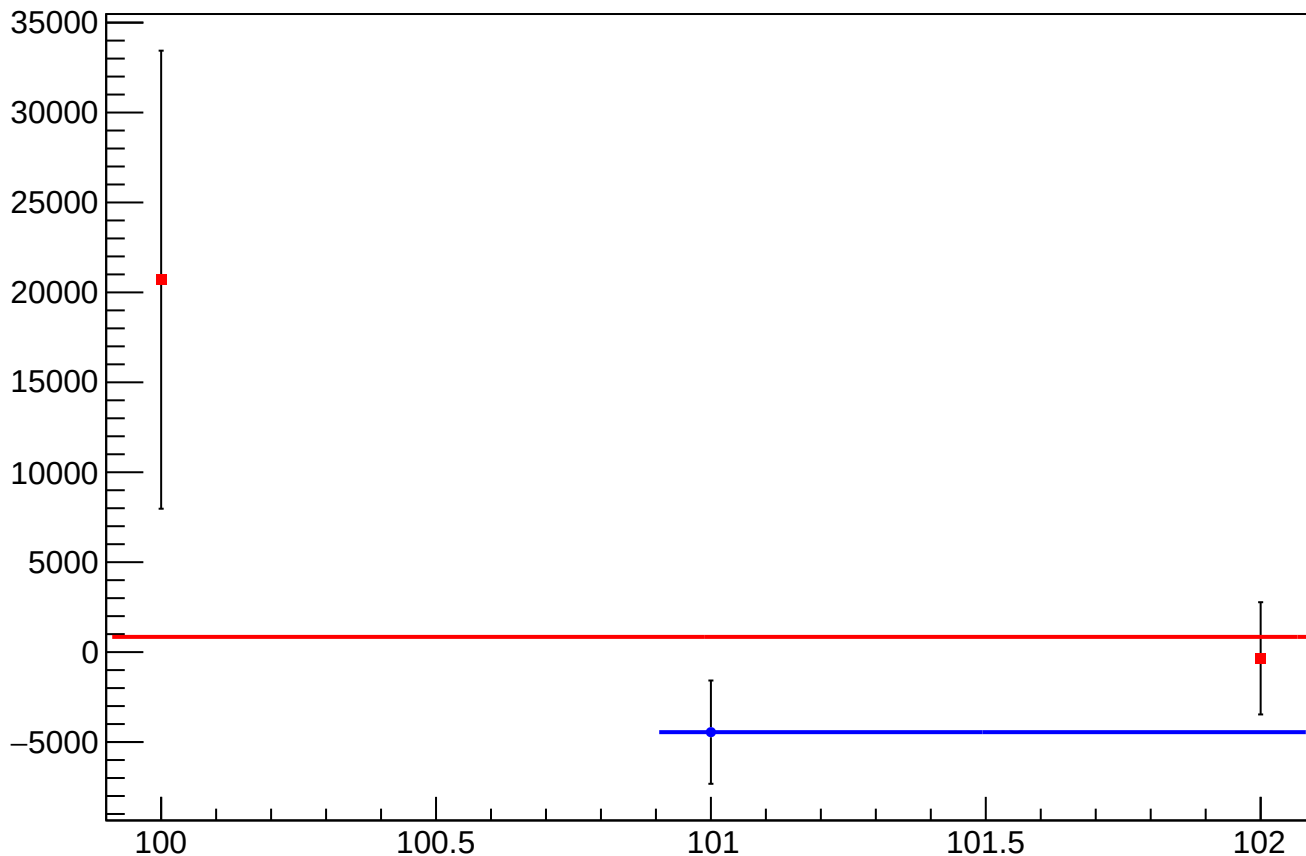
Right: 235.557 $\pm$ 0.142 χ^2/NDF : 6270.4/2

In: 243.904 $\pm$ 0.214 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 235.557 $\pm$ 0.142 χ^2/NDF : 6270.4/2

asym_sam_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -4450.473+/-2871.215 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 846.515+/-3030.348 χ^2/NDF : 2.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

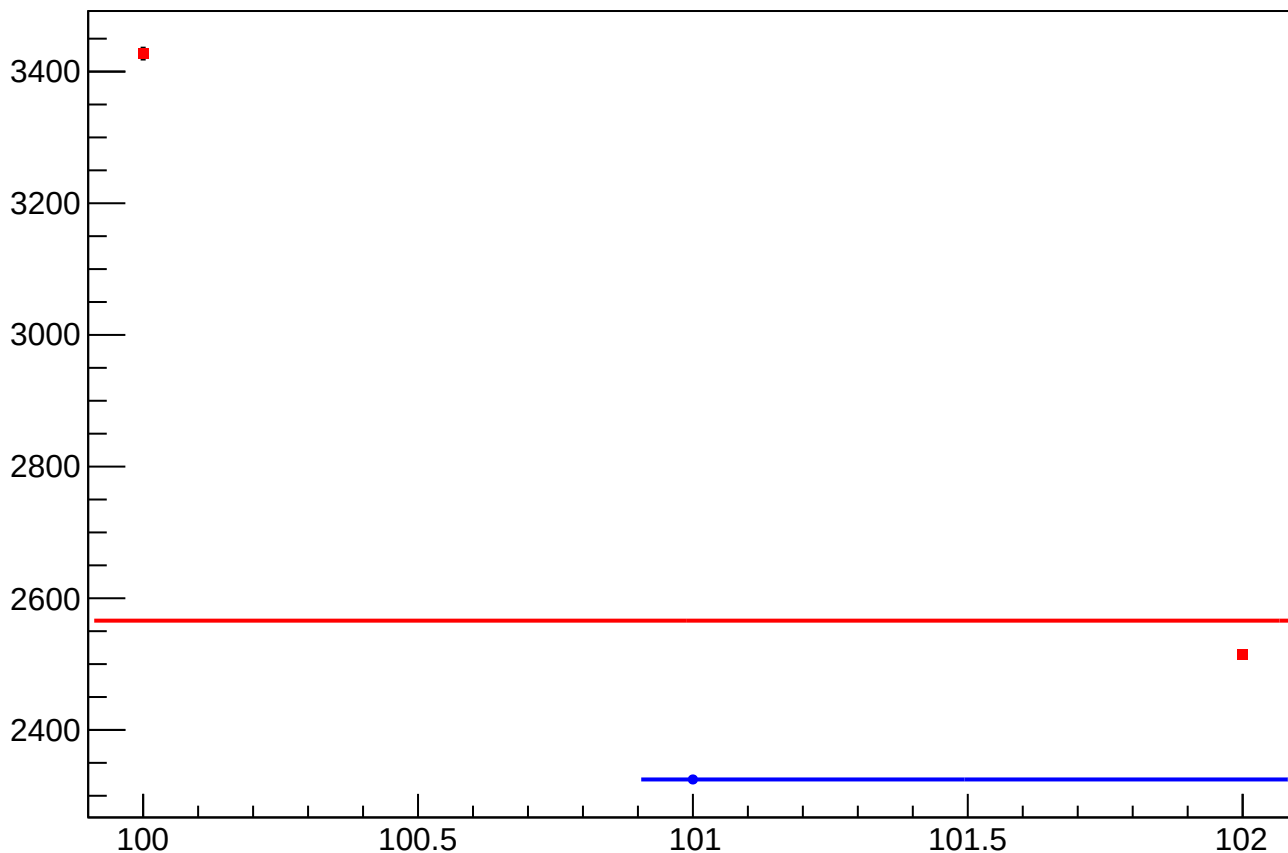
Right: -1944.706+/-2084.243 χ^2/NDF : 4.2/2

In: -4450.473+/-2871.215 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1944.706+/-2084.243 χ^2/NDF : 4.2/2

asym_sam_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2324.772 $\pm$ 2.030 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2566.003 $\pm$ 2.143 χ^2 /NDF: 9699.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

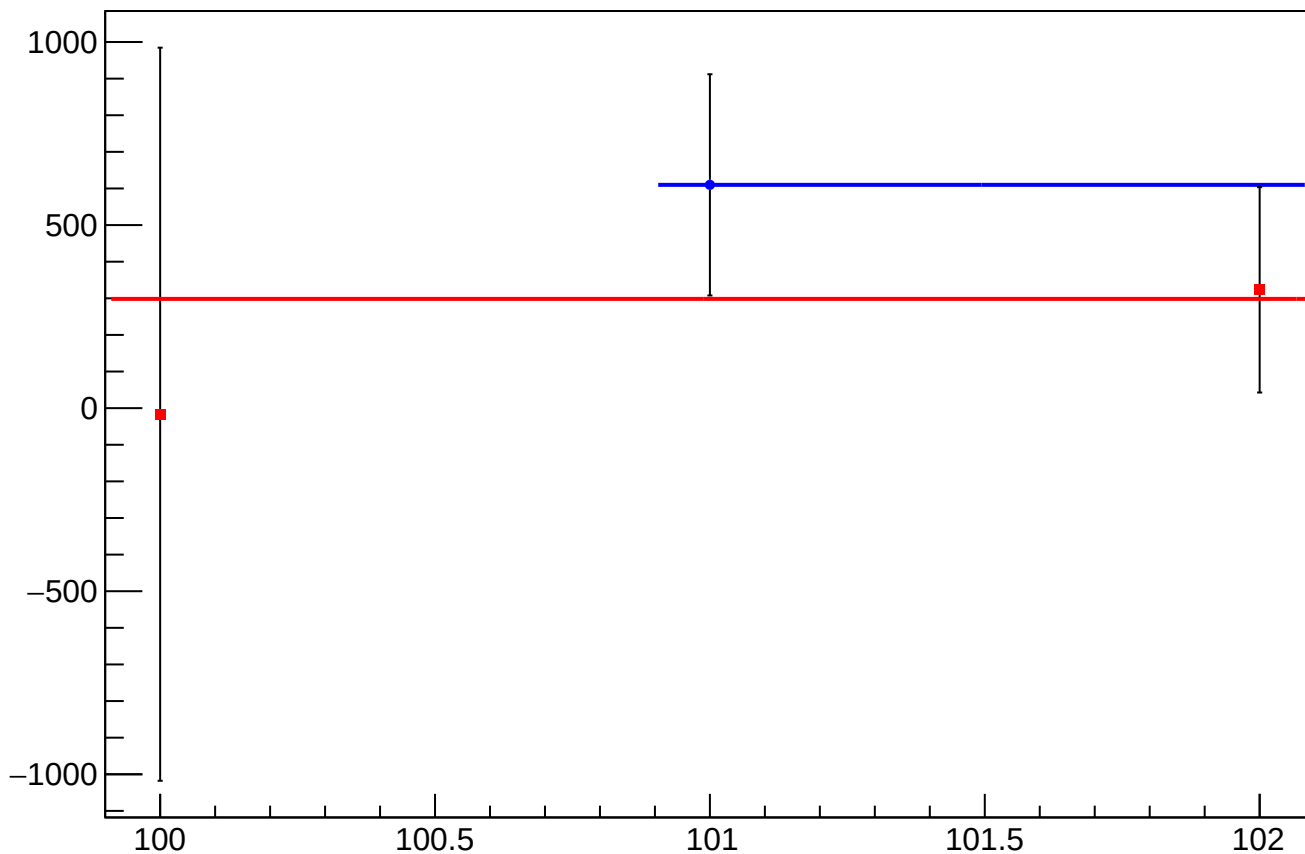
Right: 2438.887 $\pm$ 1.474 χ^2 /NDF: 16378.1/2

In: 2324.772 $\pm$ 2.030 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2438.887 $\pm$ 1.474 χ^2 /NDF: 16378.1/2

eigen_cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 609.865 $\pm$ 302.122 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 298.414 $\pm$ 270.042 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

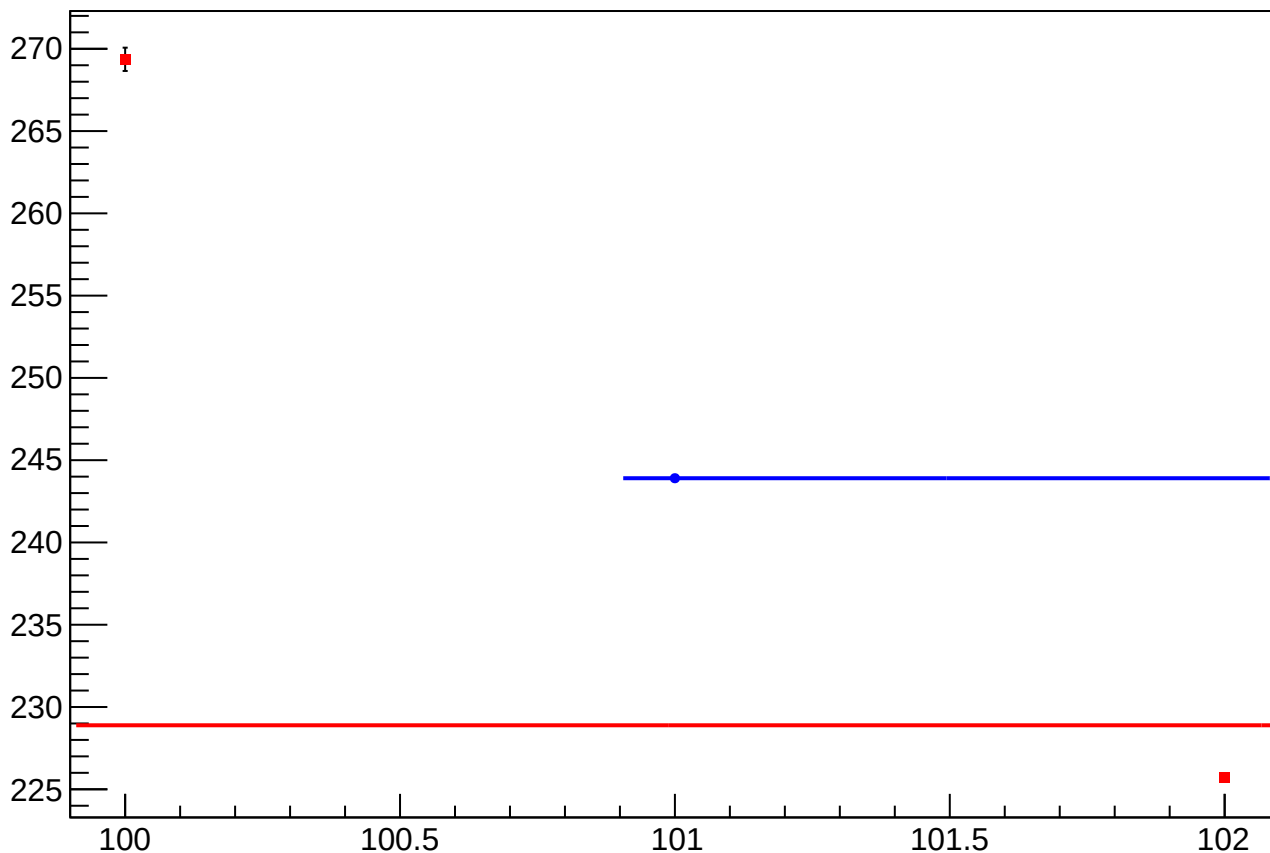
Right: 436.732 $\pm$ 201.338 χ^2 /NDF: 0.7/2

In: 609.865 $\pm$ 302.122 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 436.732 $\pm$ 201.338 χ^2 /NDF: 0.7/2

eigen_cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 243.904 $\pm$ 0.214 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 228.890 $\pm$ 0.191 χ^2 /NDF: 3524.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

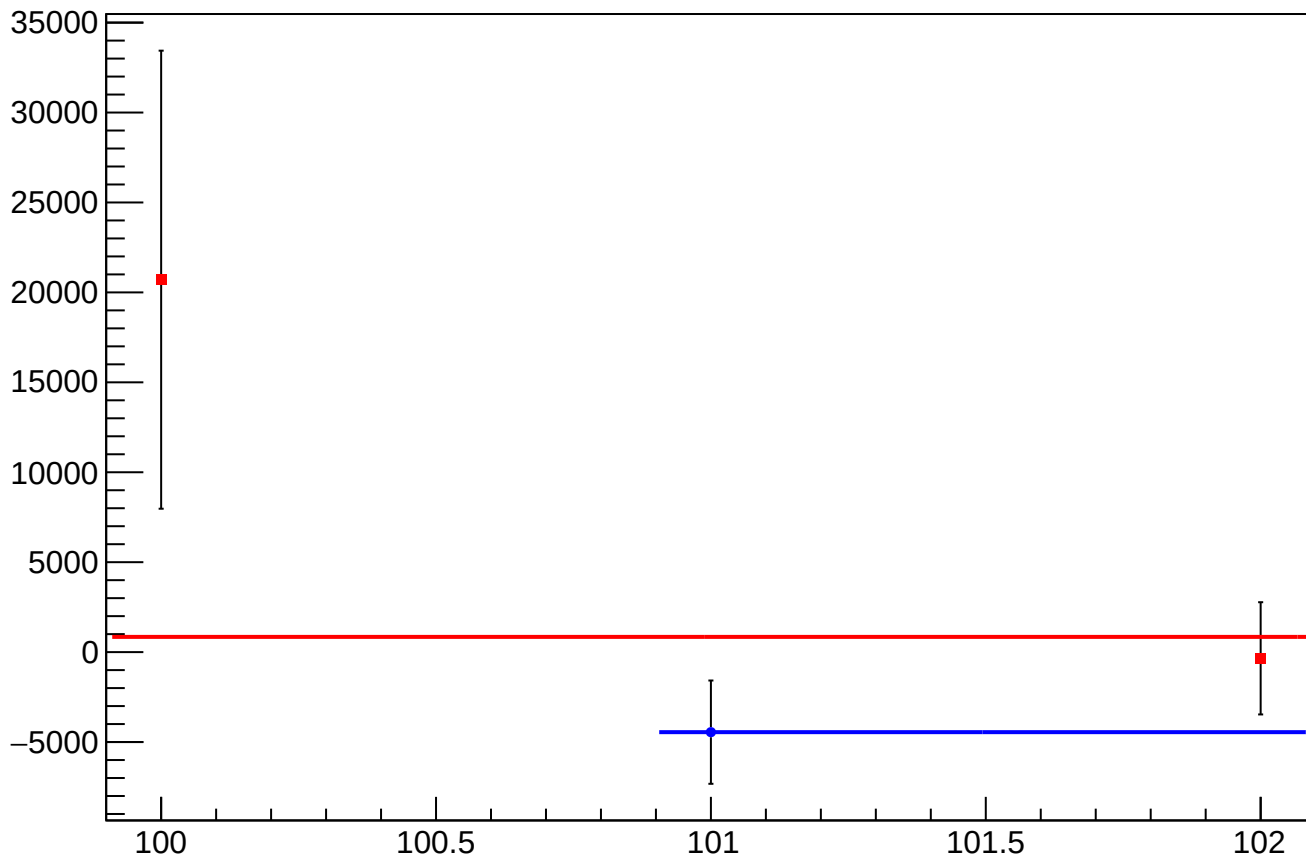
Right: 235.557 $\pm$ 0.142 χ^2 /NDF: 6270.4/2

In: 243.904 $\pm$ 0.214 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 235.557 $\pm$ 0.142 χ^2 /NDF: 6270.4/2

asym_sam_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -4450.473+/-2871.215 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 846.515+/-3030.348 χ^2/NDF : 2.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

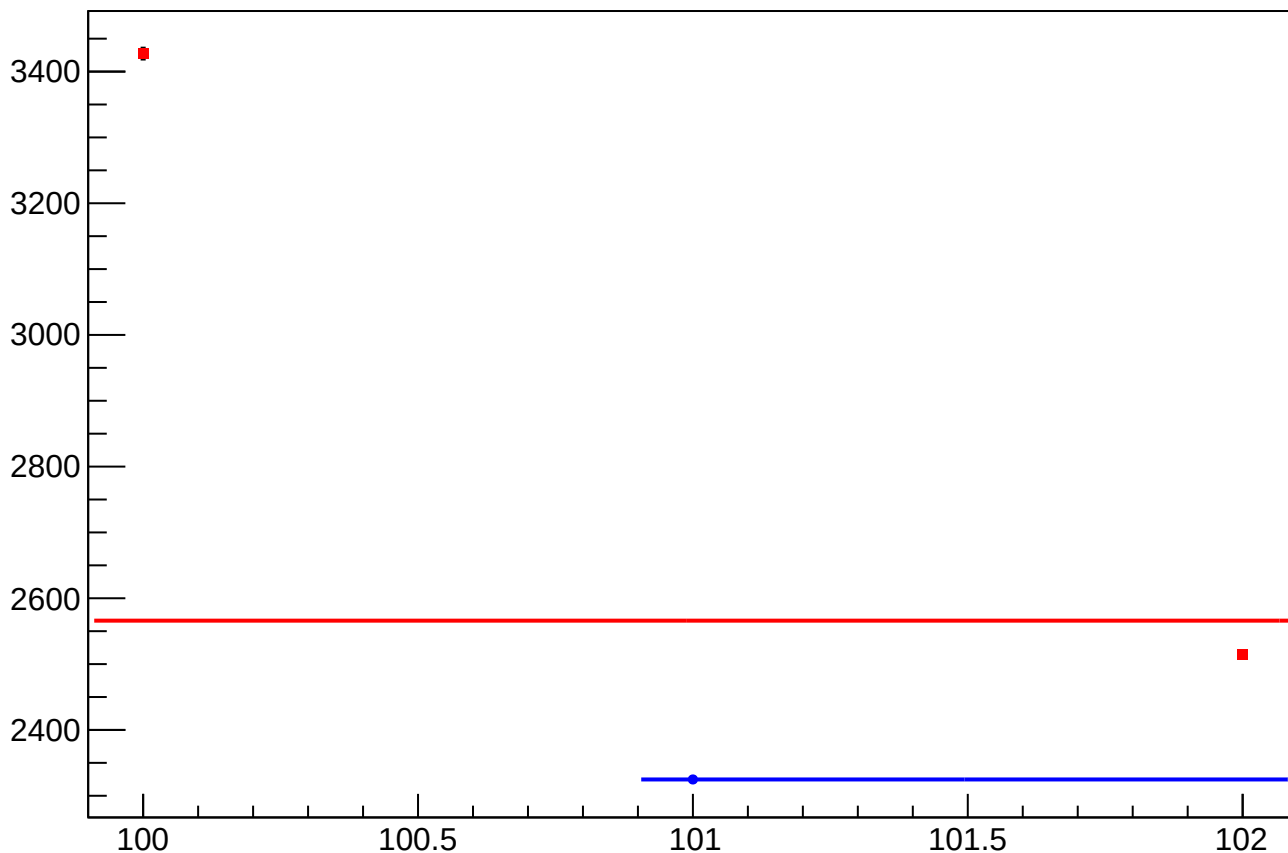
Right: -1944.706+/-2084.243 χ^2/NDF : 4.2/2

In: -4450.473+/-2871.215 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1944.706+/-2084.243 χ^2/NDF : 4.2/2

asym_sam_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2324.772 $\pm$ 2.030 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2566.003 $\pm$ 2.143 χ^2 /NDF: 9699.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

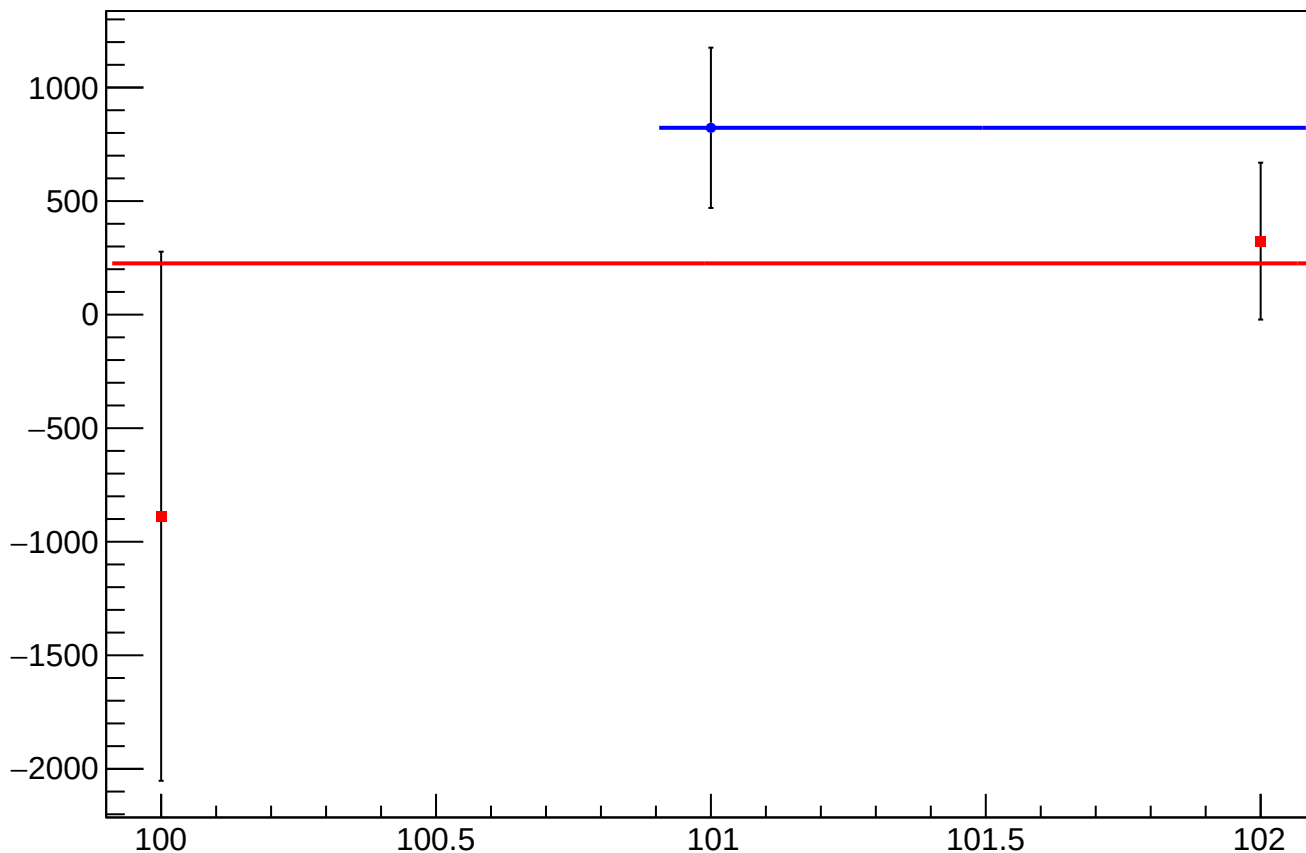
Right: 2438.887 $\pm$ 1.474 χ^2 /NDF: 16378.1/2

In: 2324.772 $\pm$ 2.030 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2438.887 $\pm$ 1.474 χ^2 /NDF: 16378.1/2

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 822.590 $\pm$ 352.874 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 225.748 $\pm$ 331.207 χ^2 /NDF: 1.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

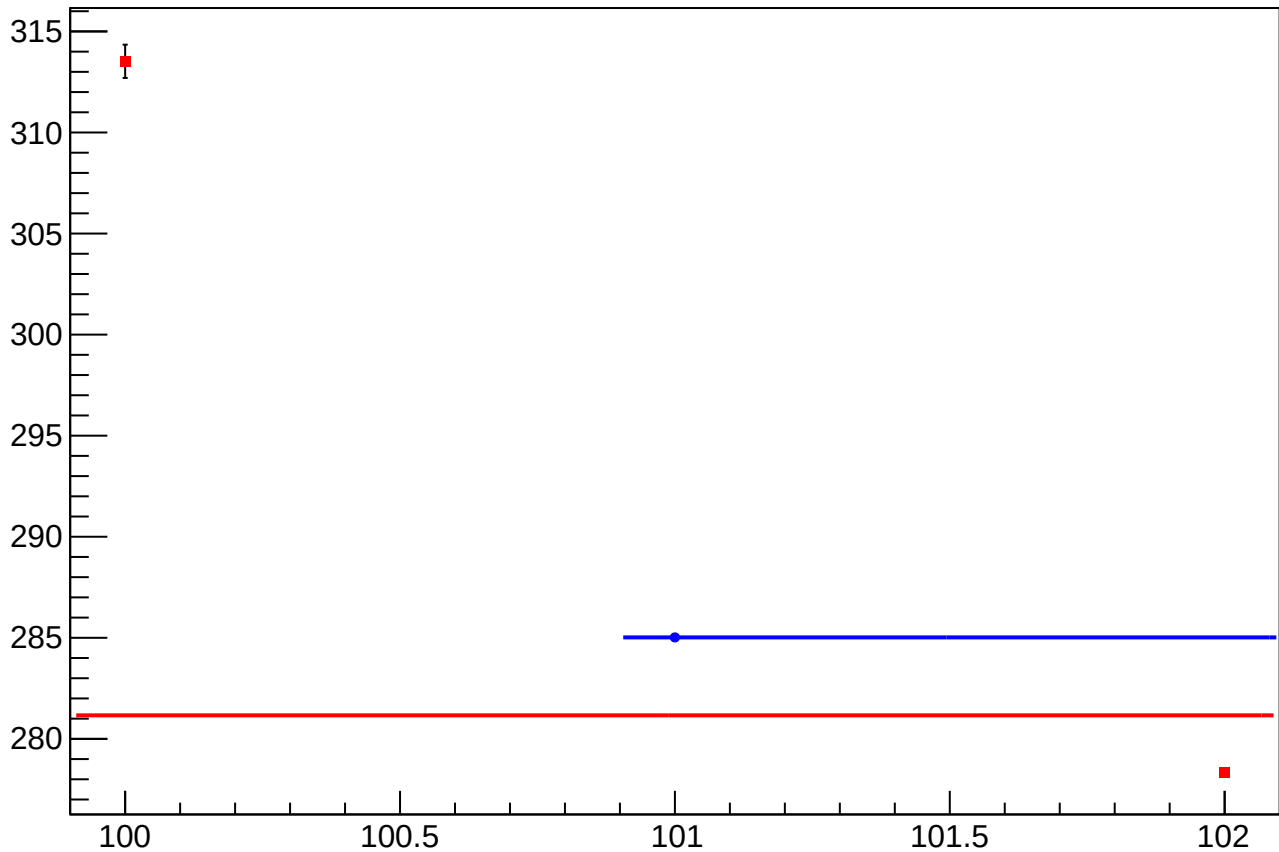
Right: 505.284 $\pm$ 241.495 χ^2 /NDF: 2.5/2

In: 822.590 $\pm$ 352.874 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 505.284 $\pm$ 241.495 χ^2 /NDF: 2.5/2

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 285.020 $\pm$ 0.250 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 281.164 $\pm$ 0.234 χ^2 /NDF: 1678.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

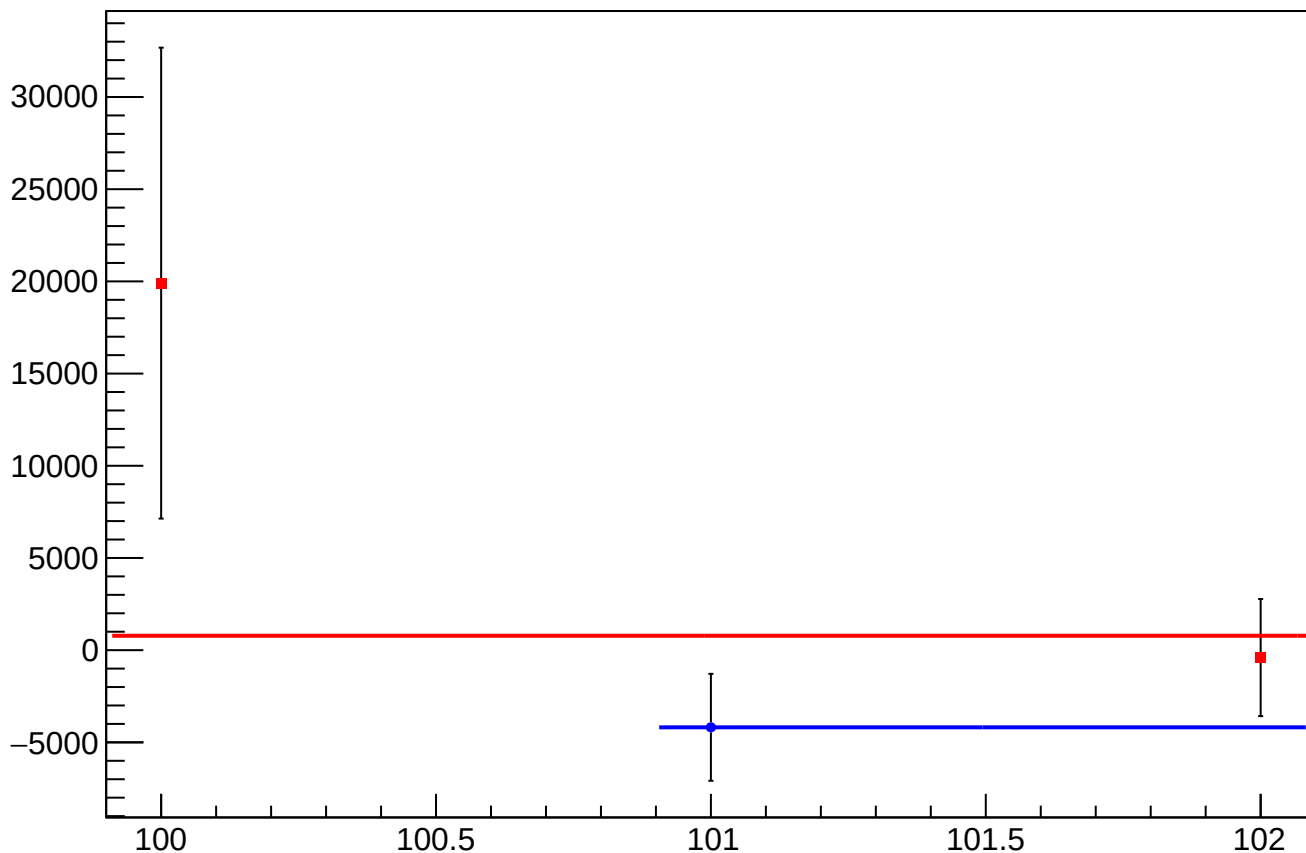
Right: 282.970 $\pm$ 0.171 χ^2 /NDF: 1805.8/2

In: 285.020 $\pm$ 0.250 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 282.970 $\pm$ 0.171 χ^2 /NDF: 1805.8/2

asym_sam_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -4185.027+/-2899.939 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 781.411+/-3082.731 χ^2/NDF : 2.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

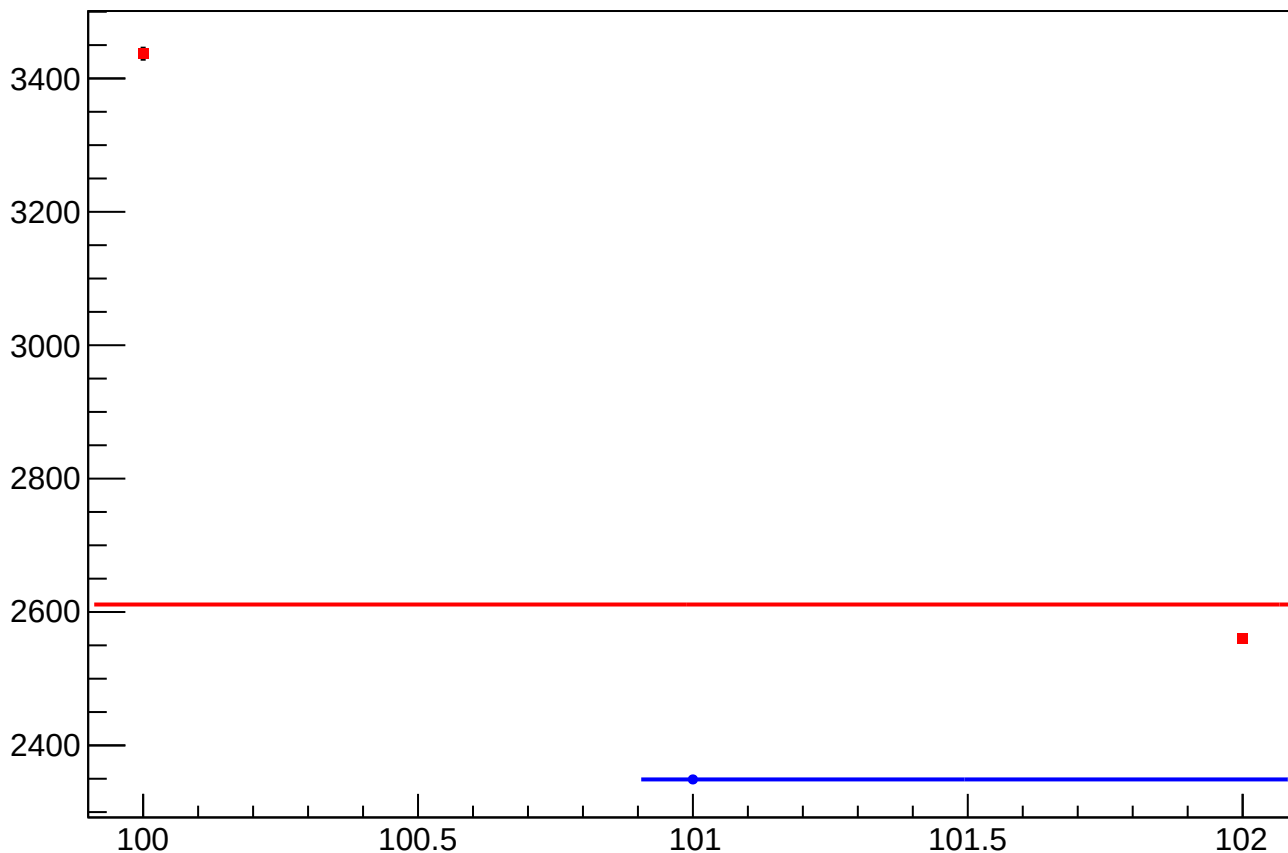
Right: -1853.409+/-2112.233 χ^2/NDF : 3.8/2

In: -4185.027+/-2899.939 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1853.409+/-2112.233 χ^2/NDF : 3.8/2

asym_sam_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2348.969 ± 2.051 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 2611.240 ± 2.180 $\chi^2/\text{NDF}: 8883.1/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

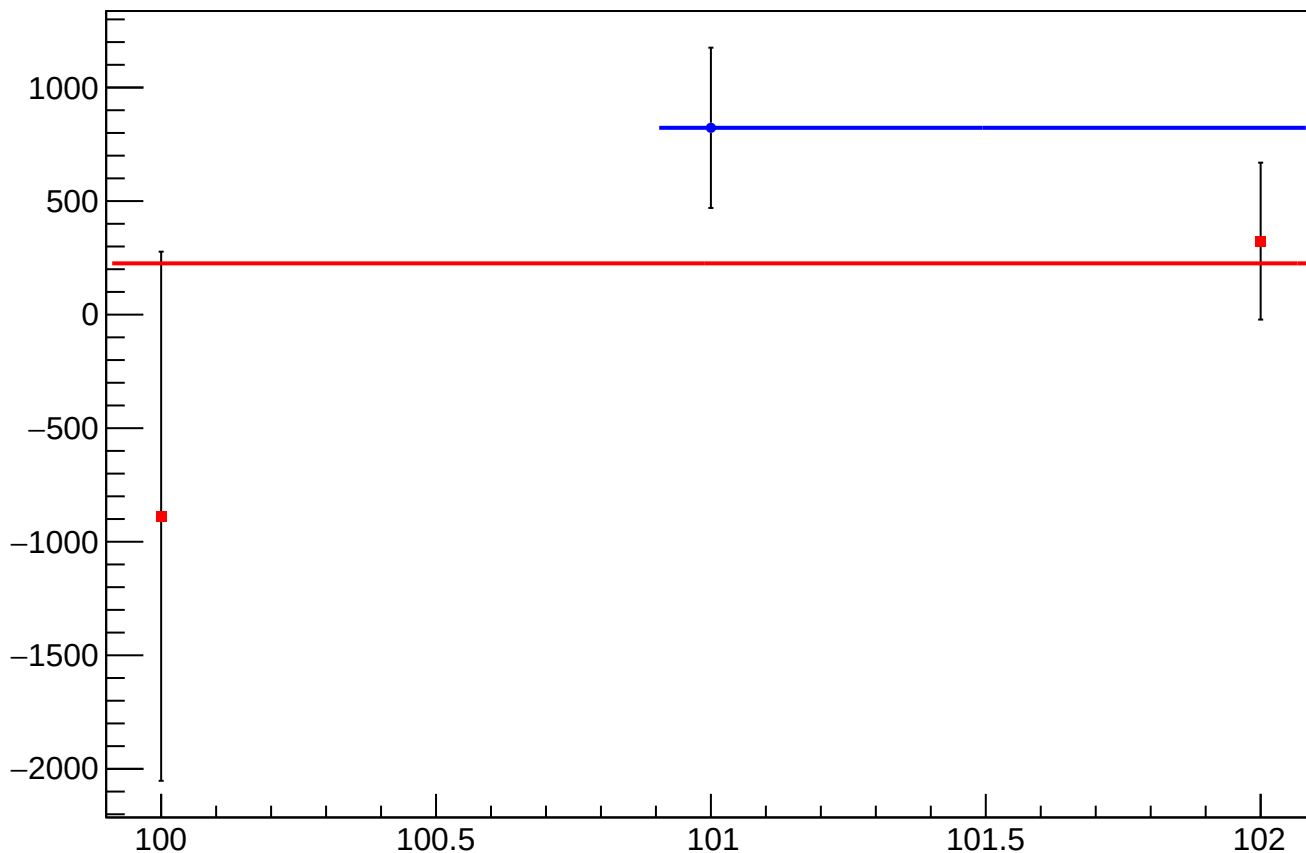
Right: 2472.099 ± 1.494 $\chi^2/\text{NDF}: 16563.2/2$

In: 2348.969 ± 2.051 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 2472.099 ± 1.494 $\chi^2/\text{NDF}: 16563.2/2$

eigen_dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 822.588 $\pm$ 352.874 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 225.747 $\pm$ 331.205 χ^2 /NDF: 1.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

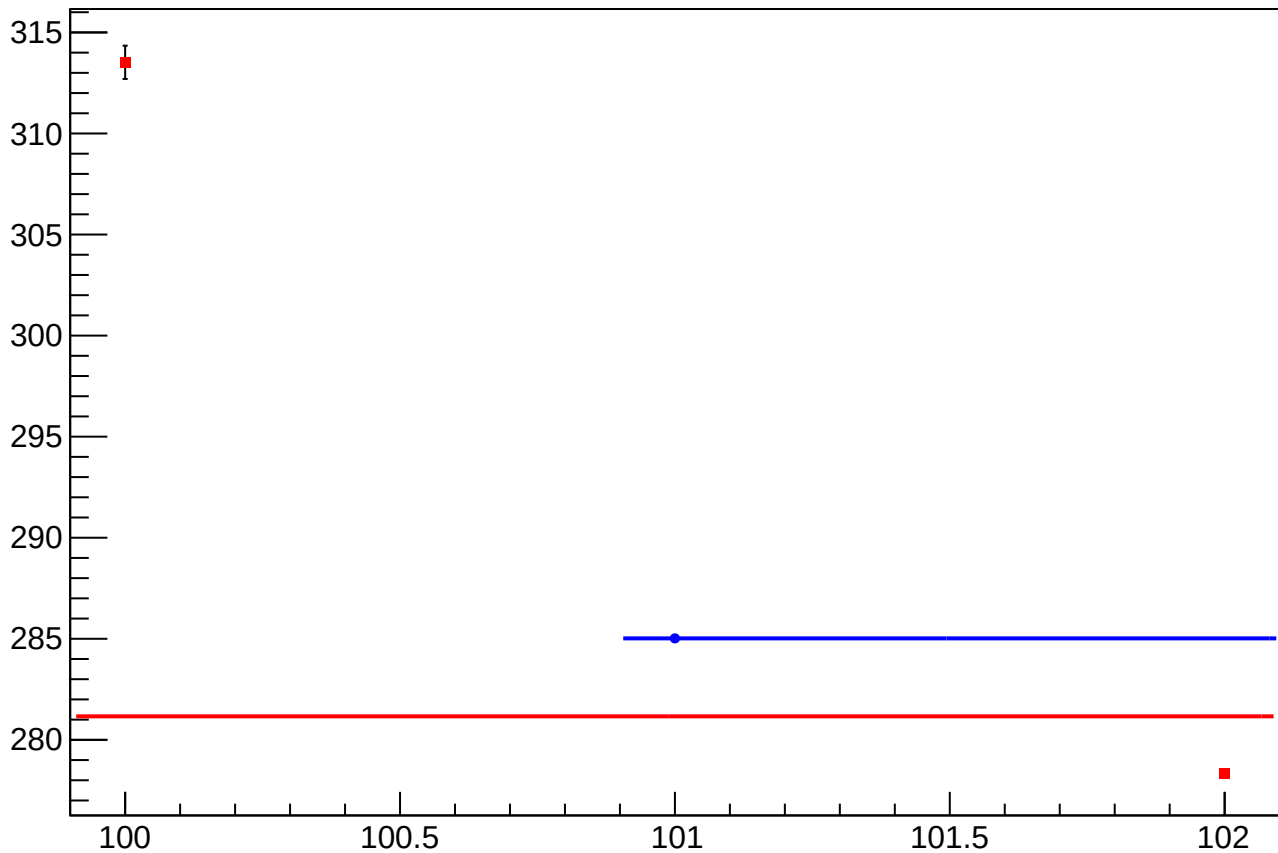
Right: 505.281 $\pm$ 241.495 χ^2 /NDF: 2.5/2

In: 822.588 $\pm$ 352.874 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 505.281 $\pm$ 241.495 χ^2 /NDF: 2.5/2

eigen_dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 285.020 $\pm$ 0.250 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 281.163 $\pm$ 0.234 χ^2 /NDF: 1679.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

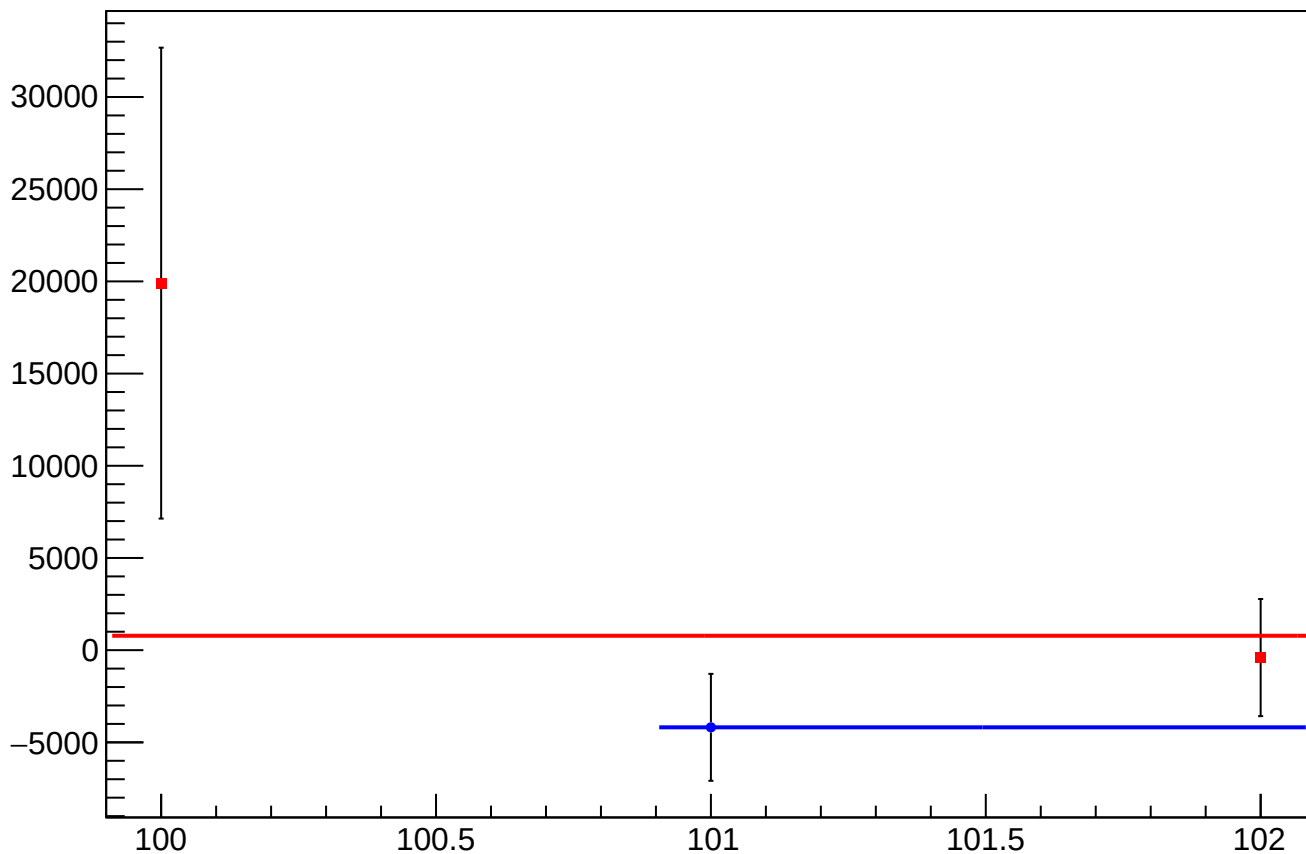
Right: 282.969 $\pm$ 0.171 χ^2 /NDF: 1806.0/2

In: 285.020 $\pm$ 0.250 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 282.969 $\pm$ 0.171 χ^2 /NDF: 1806.0/2

asym_sam_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -4185.028 $\pm$ 2899.937 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 781.404 $\pm$ 3082.721 χ^2 /NDF: 2.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

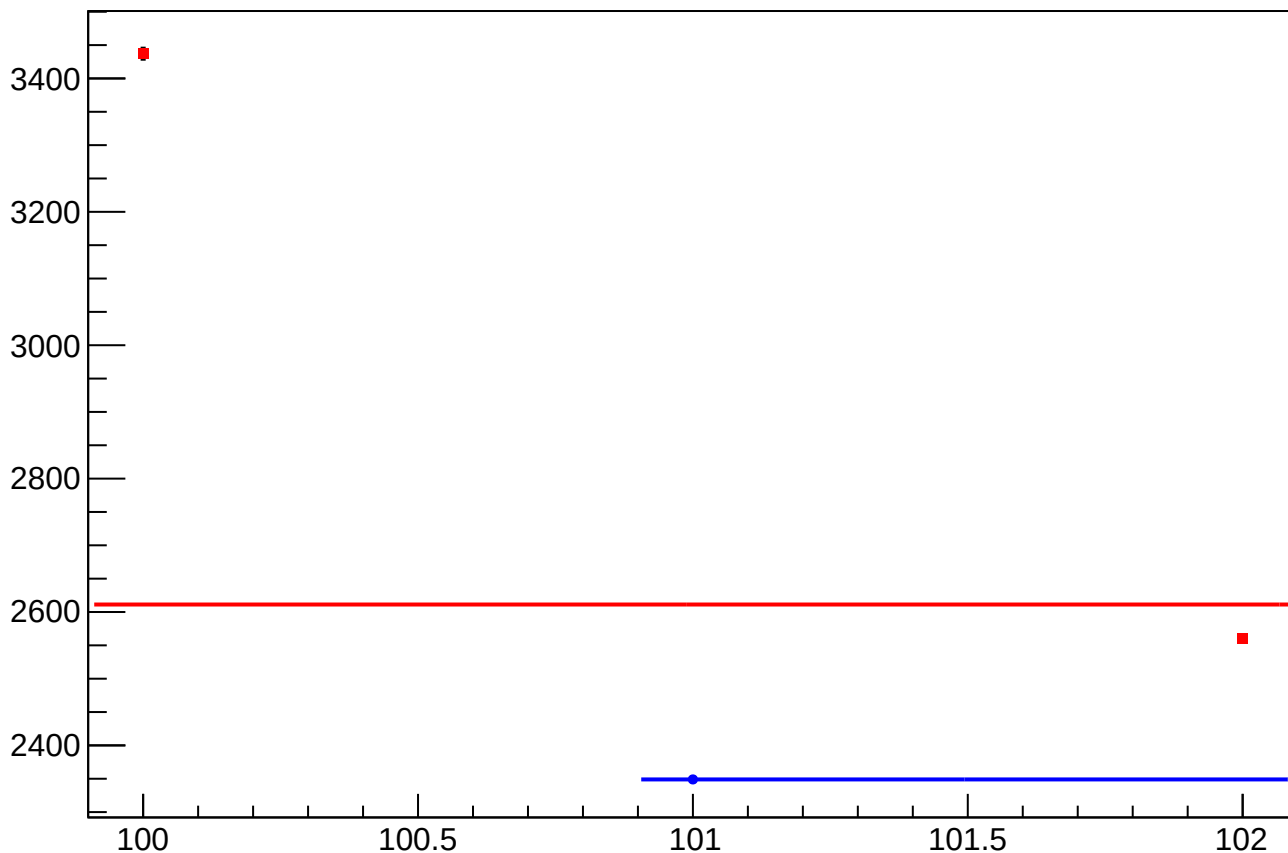
Right: -1853.407 $\pm$ 2112.229 χ^2 /NDF: 3.8/2

In: -4185.028 $\pm$ 2899.937 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1853.407 $\pm$ 2112.229 χ^2 /NDF: 3.8/2

asym_sam_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2348.967+/-2.051 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2611.232+/-2.180 χ^2/NDF : 8883.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

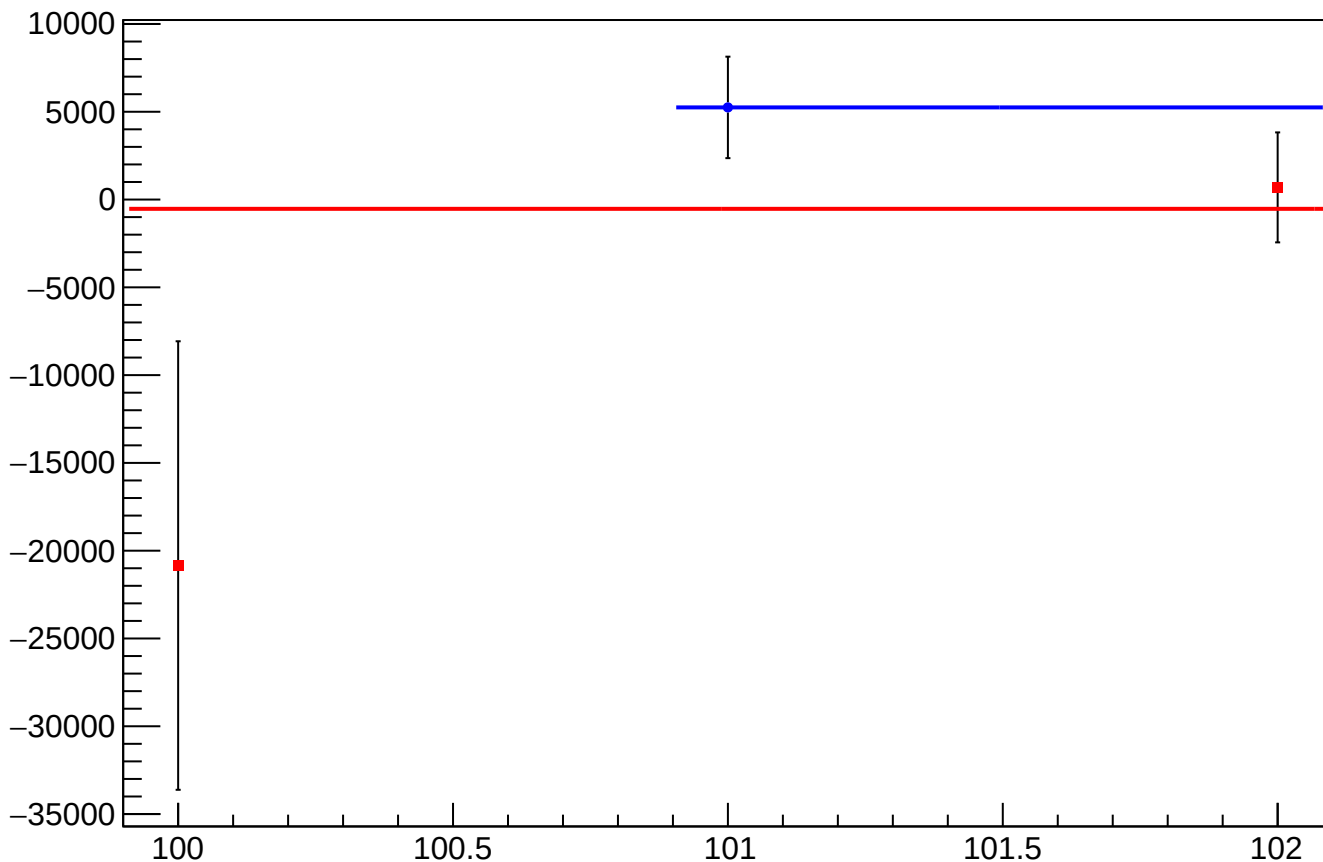
Right: 2472.094+/-1.494 χ^2/NDF : 16563.0/2

In: 2348.967+/-2.051 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2472.094+/-1.494 χ^2/NDF : 16563.0/2

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 5248.181+/-2889.668 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -528.823+/-3041.546 χ^2/NDF : 2.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

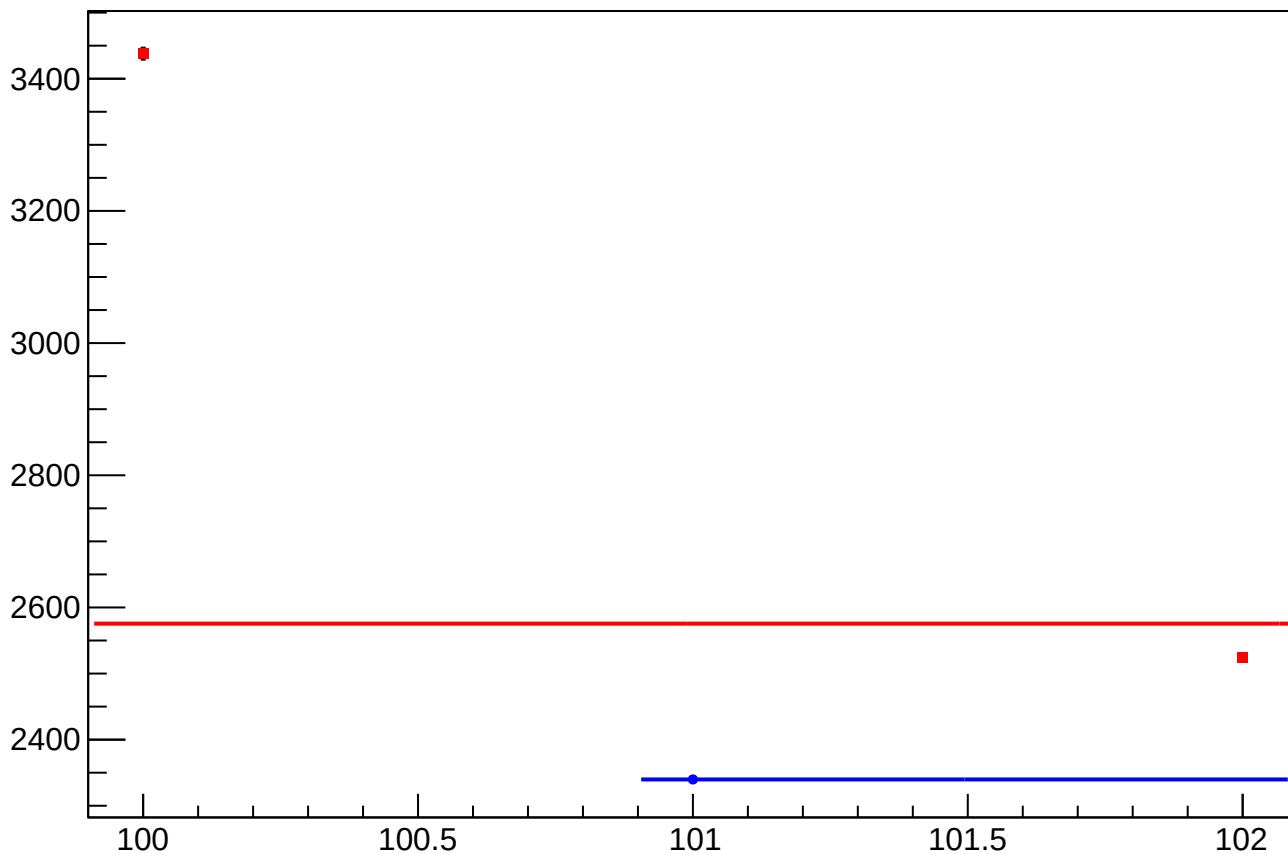
Right: 2507.511+/-2094.939 χ^2/NDF : 4.6/2

In: 5248.181+/-2889.668 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2507.511+/-2094.939 χ^2/NDF : 4.6/2

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2339.790 $\pm$ 2.043 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2575.502 $\pm$ 2.151 χ^2 /NDF: 9665.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

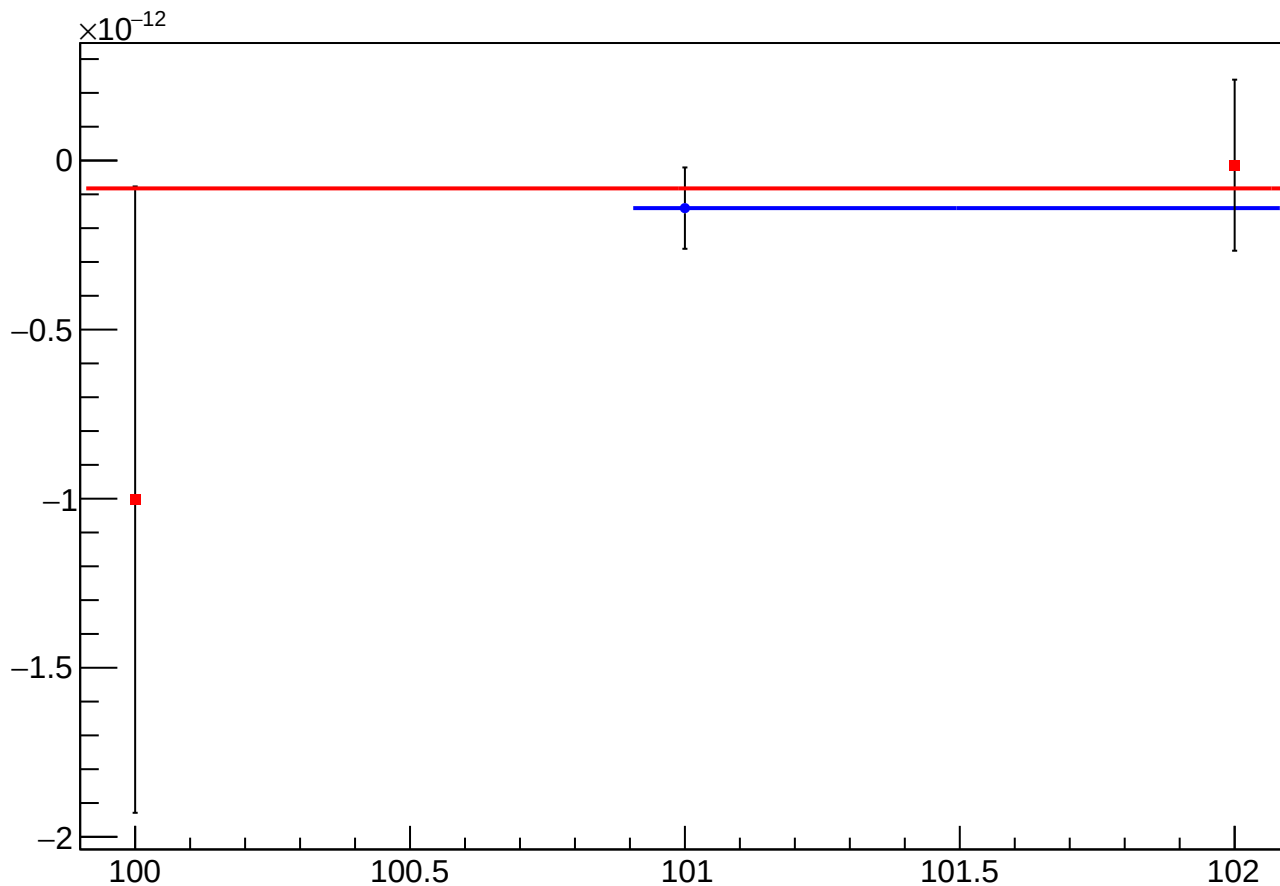
Right: 2451.614 $\pm$ 1.481 χ^2 /NDF: 15978.9/2

In: 2339.790 $\pm$ 2.043 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2451.614 $\pm$ 1.481 χ^2 /NDF: 15978.9/2

asym_sam_26_dd_reg_vs_cor_diff_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: 1.1/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

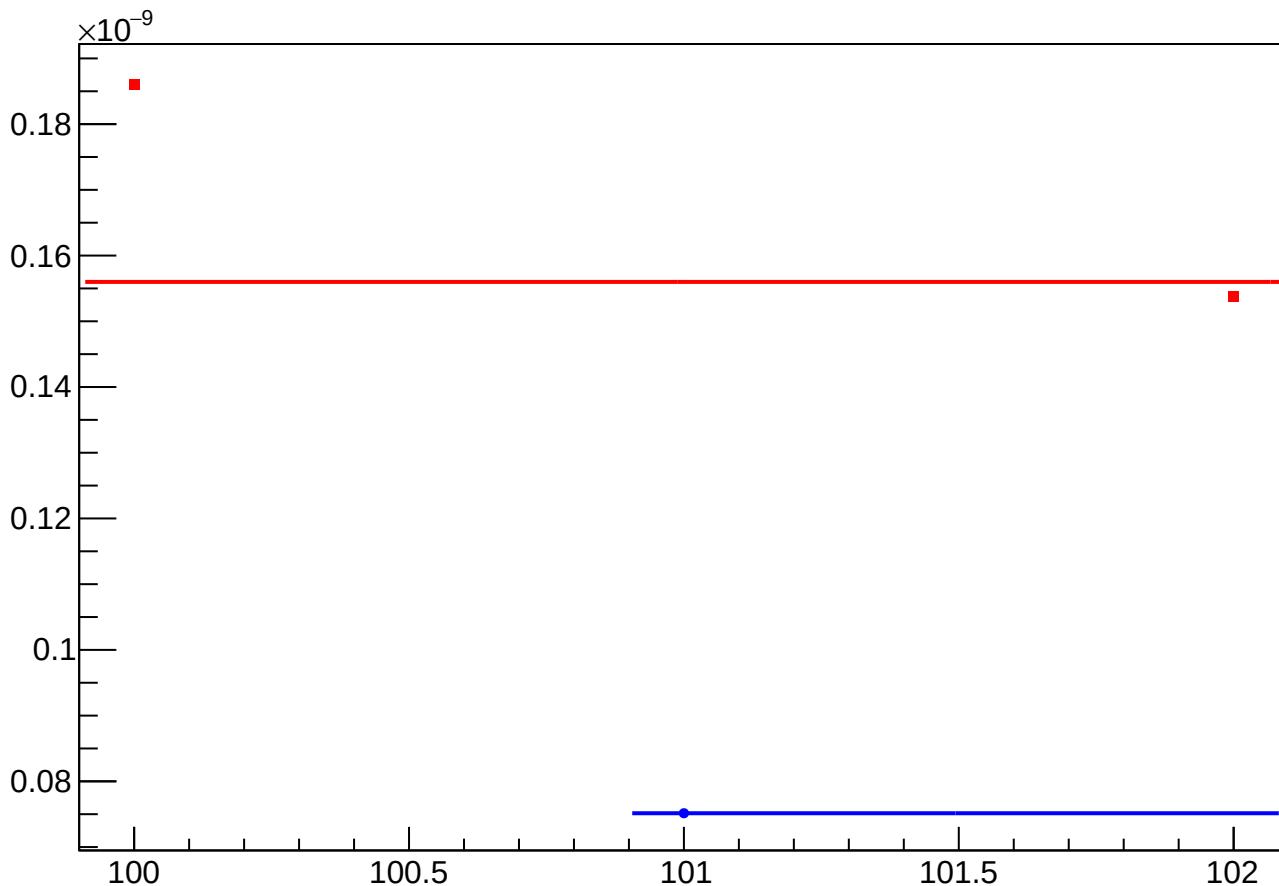
Right: -0.000+/-0.000 χ^2 /NDF: 1.1/2

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: 1.1/2

asym_sam_26_dd_reg_vs_cor_diff_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: 2250.0/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

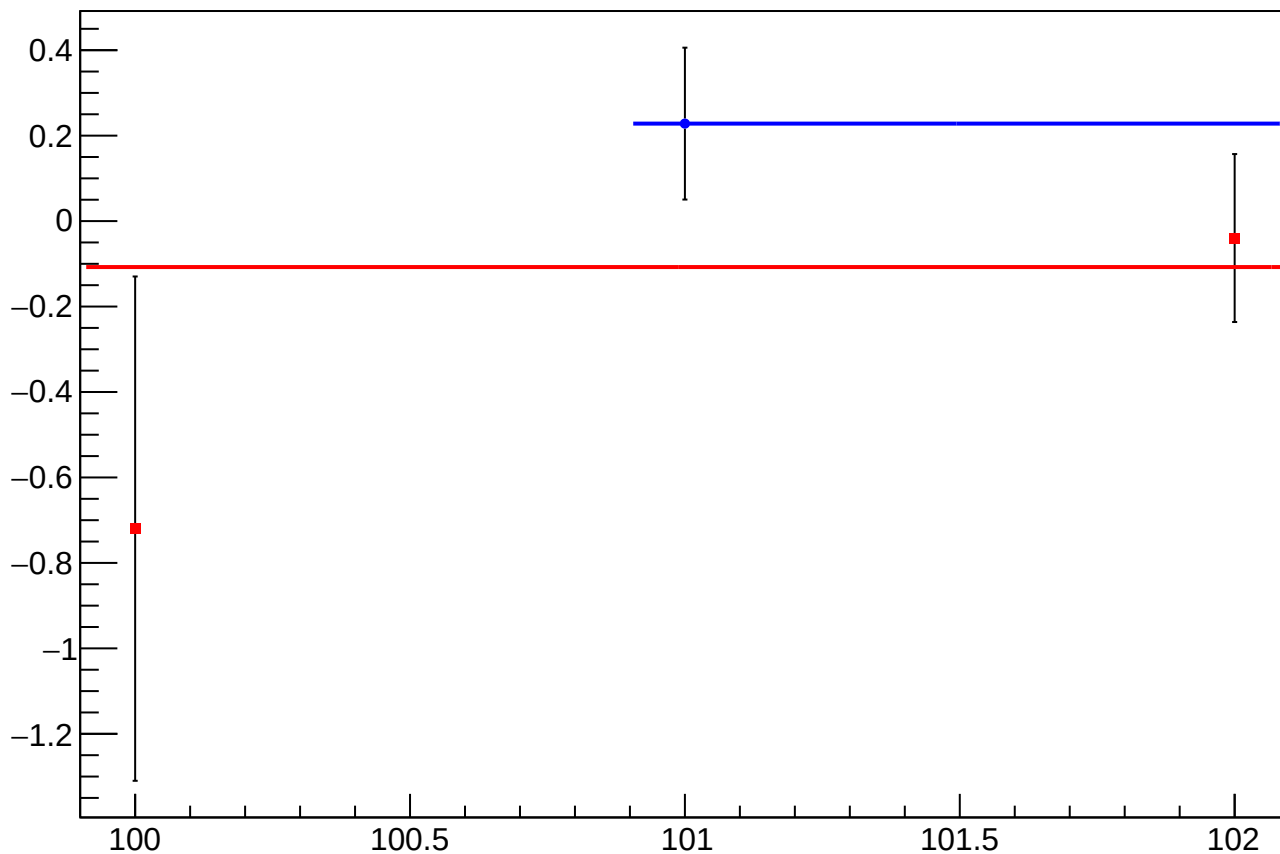
Right: 0.000+/-0.000 χ^2 /NDF: 178938.4/2

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: 178938.4/2

asym_sam_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.228+/-0.178 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.108+/-0.186 χ^2/NDF : 1.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

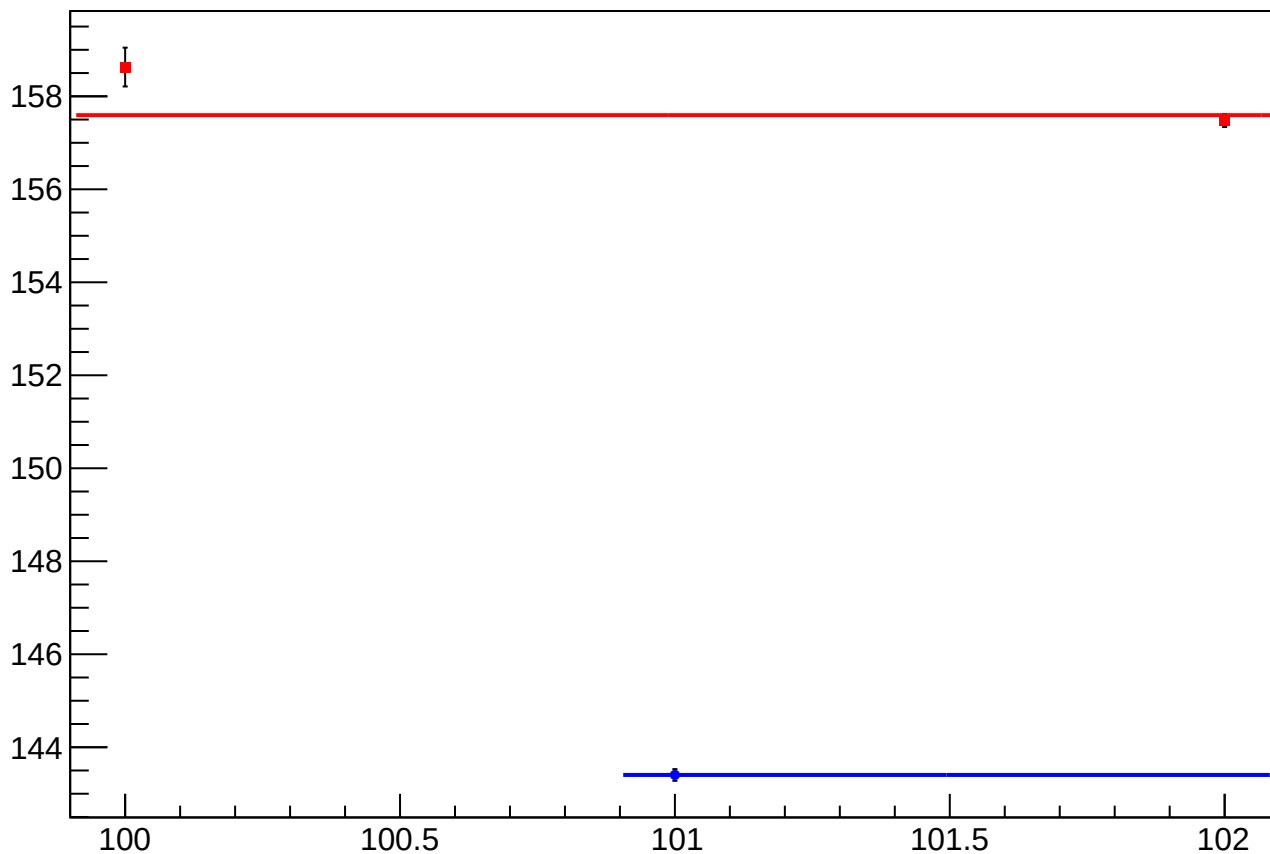
Right: 0.068+/-0.129 χ^2/NDF : 2.9/2

In: 0.228+/-0.178 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.068+/-0.129 χ^2/NDF : 2.9/2

asym_sam_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 143.404 $\pm$ 0.126 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 157.594 $\pm$ 0.132 χ^2/NDF : 6.8/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

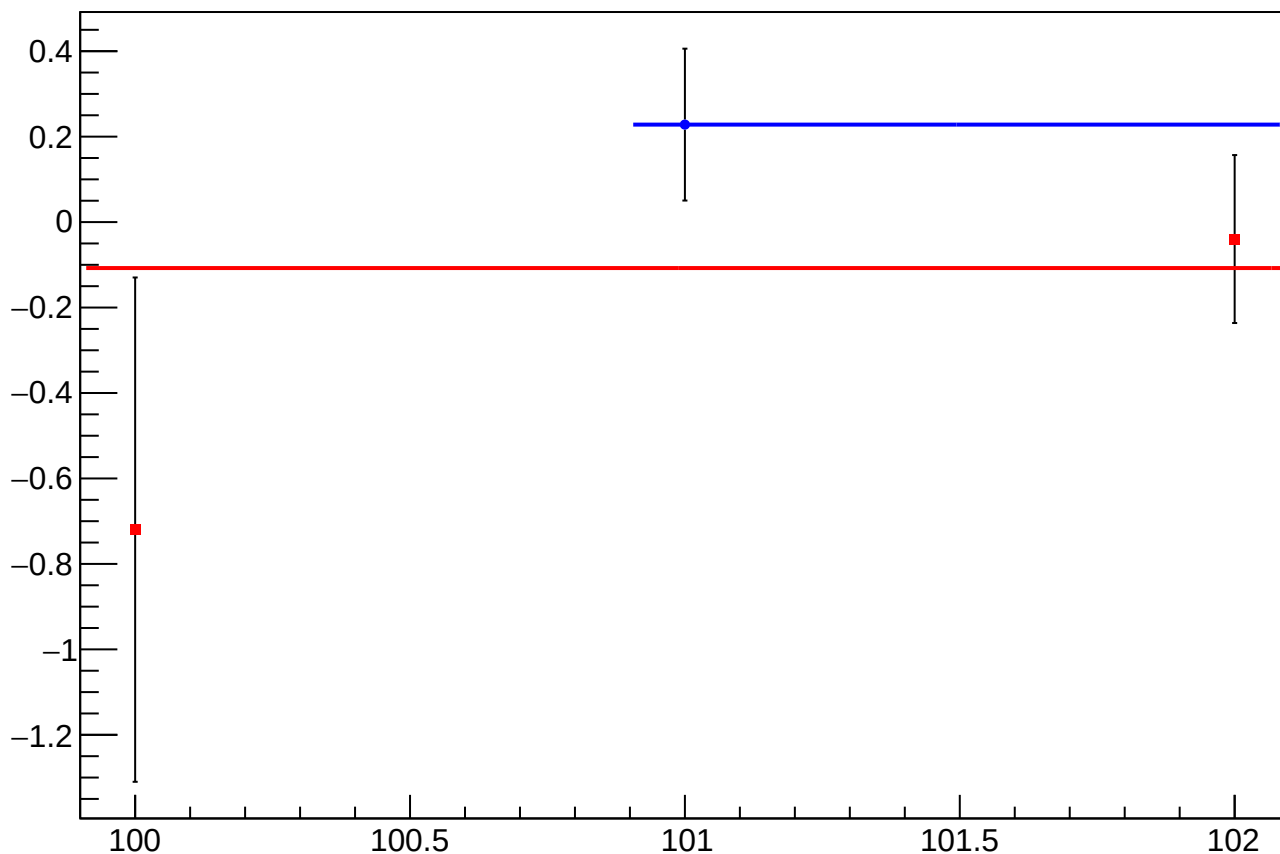
Right: 150.159 $\pm$ 0.091 χ^2/NDF : 6075.7/2

In: 143.404 $\pm$ 0.126 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 150.159 $\pm$ 0.091 χ^2/NDF : 6075.7/2

asym_sam_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.228+/-0.178 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.108+/-0.186 χ^2/NDF : 1.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

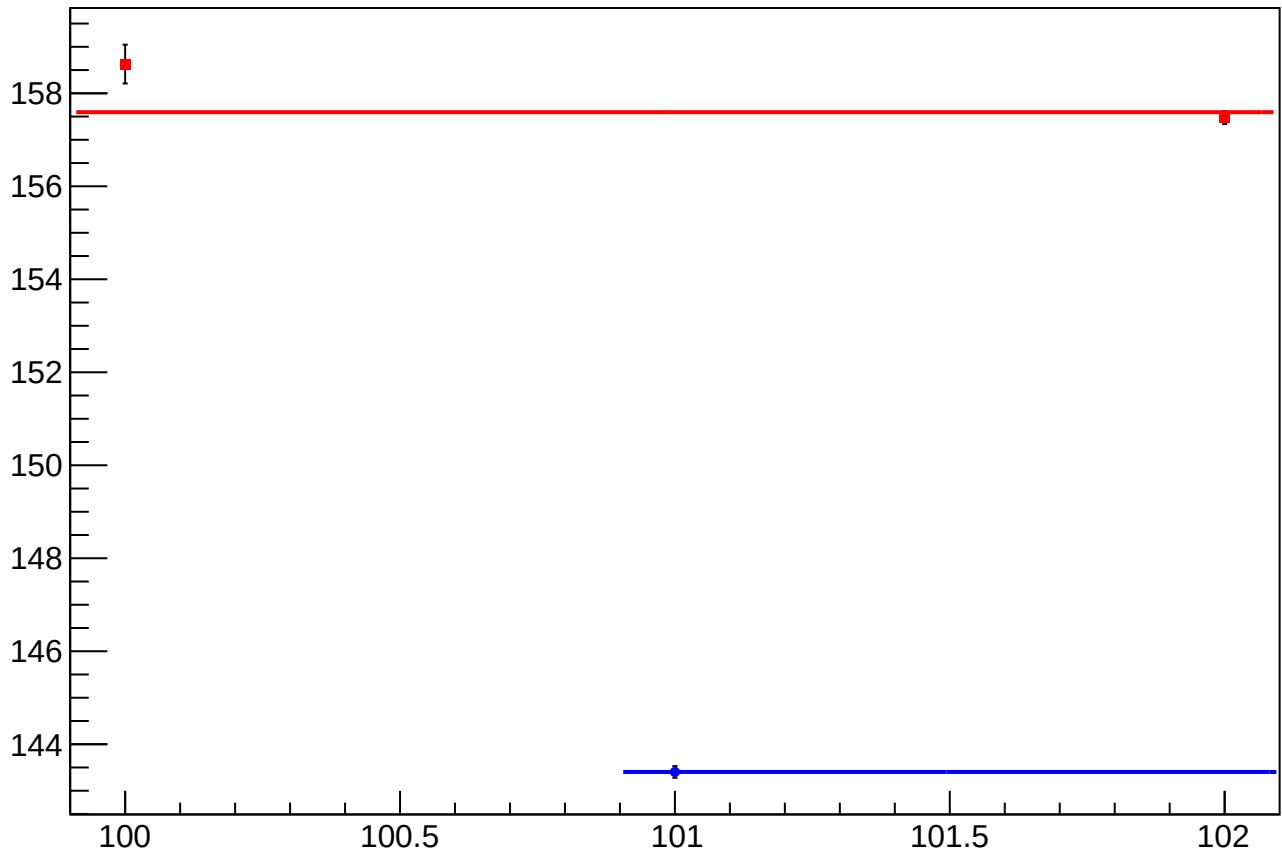
Right: 0.068+/-0.129 χ^2/NDF : 2.9/2

In: 0.228+/-0.178 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.068+/-0.129 χ^2/NDF : 2.9/2

asym_sam_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 143.404 $\pm$ 0.126 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 157.594 $\pm$ 0.132 χ^2 /NDF: 6.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

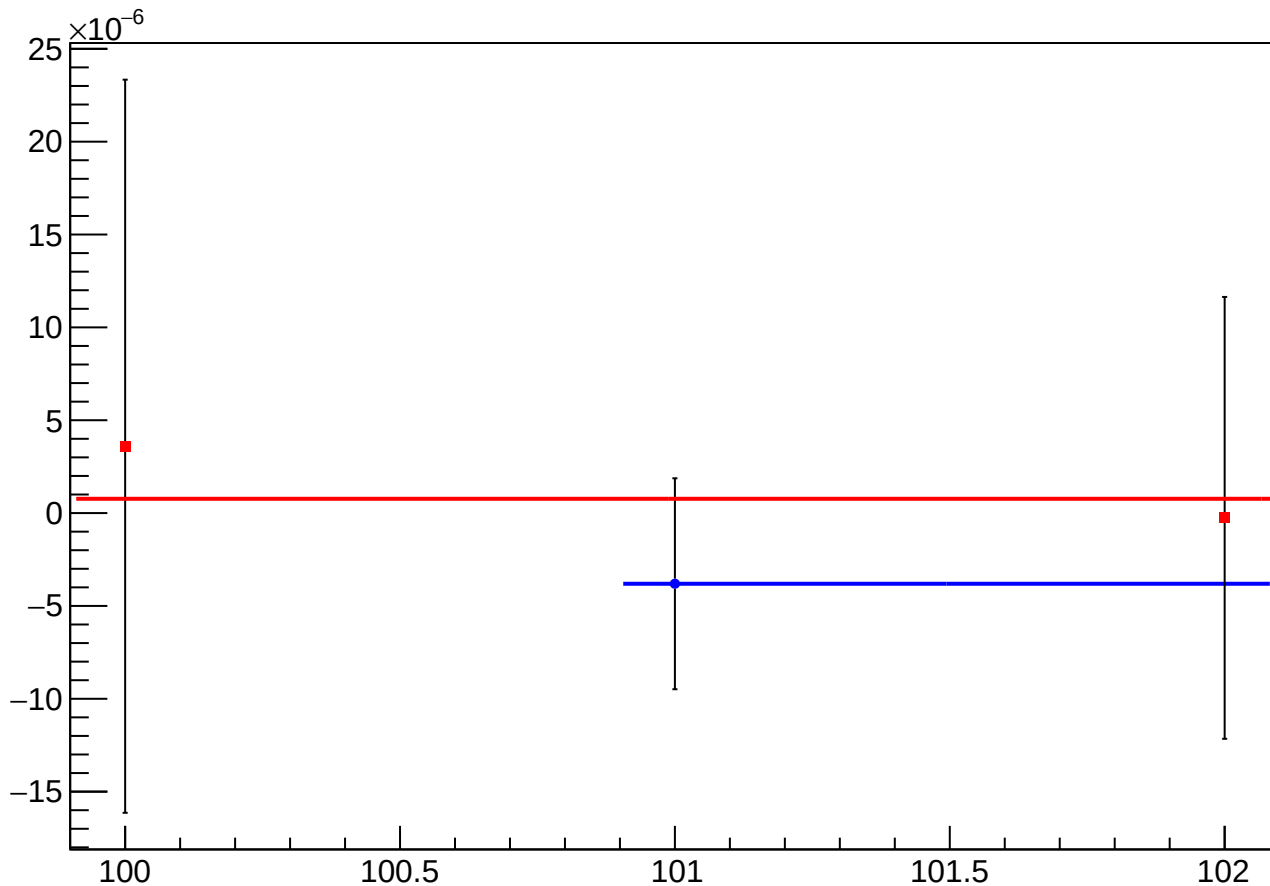
Right: 150.159 $\pm$ 0.091 χ^2 /NDF: 6075.7/2

In: 143.404 $\pm$ 0.126 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 150.159 $\pm$ 0.091 χ^2 /NDF: 6075.7/2

asym_sam_26_dd_eigen_dit_vs_dit_diff_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 : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

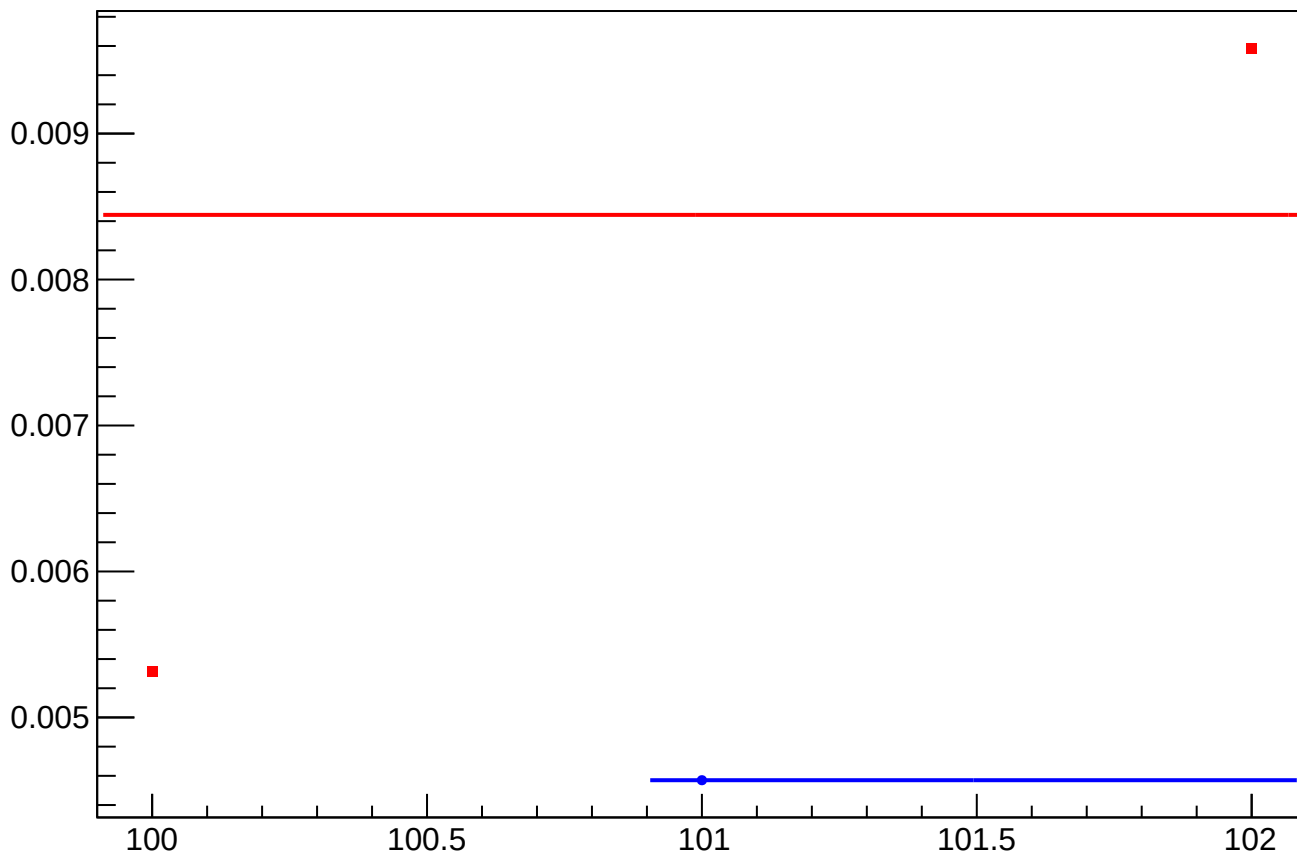
Right: -0.000+/-0.000 χ^2/NDF : 0.2/2

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 : 0.2/2

asym_sam_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 68577.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

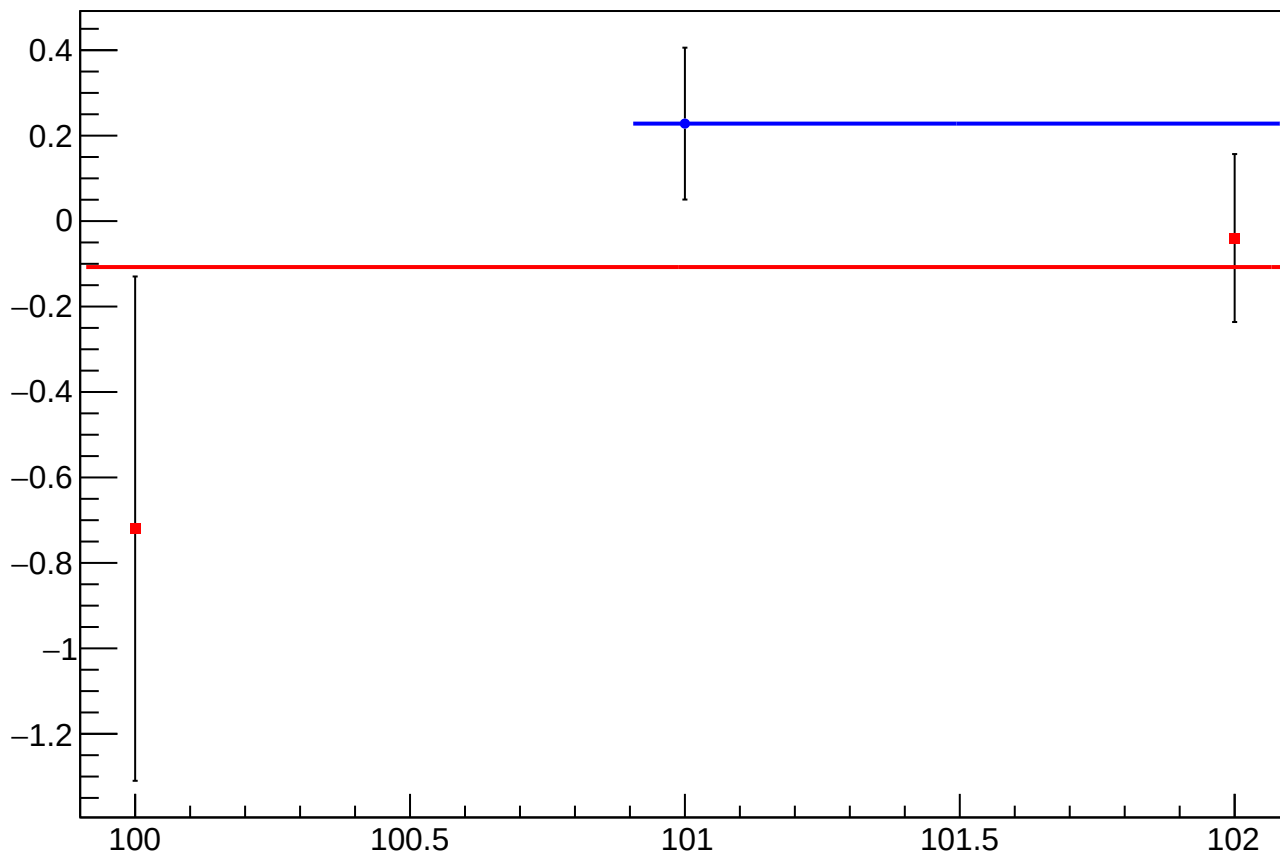
Right: 0.005+/-0.000 χ^2/NDF : 289028.9/2

In: 0.005+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 289028.9/2

asym_sam_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.228 $\pm$ 0.178 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.108 $\pm$ 0.186 χ^2 /NDF: 1.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

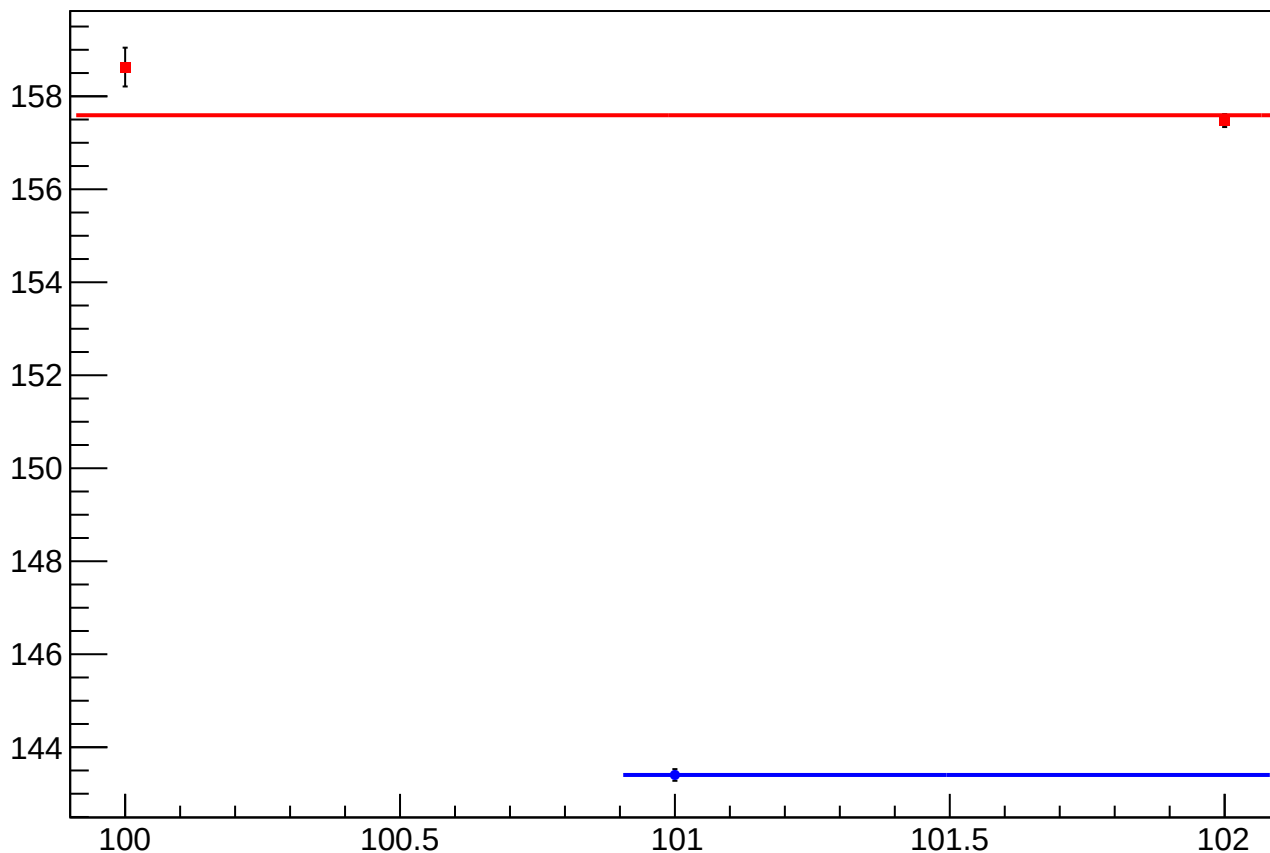
Right: 0.068 $\pm$ 0.129 χ^2 /NDF: 2.9/2

In: 0.228 $\pm$ 0.178 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.068 $\pm$ 0.129 χ^2 /NDF: 2.9/2

asym_sam_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 143.404 $\pm$ 0.126 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 157.592 $\pm$ 0.132 χ^2 /NDF: 6.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

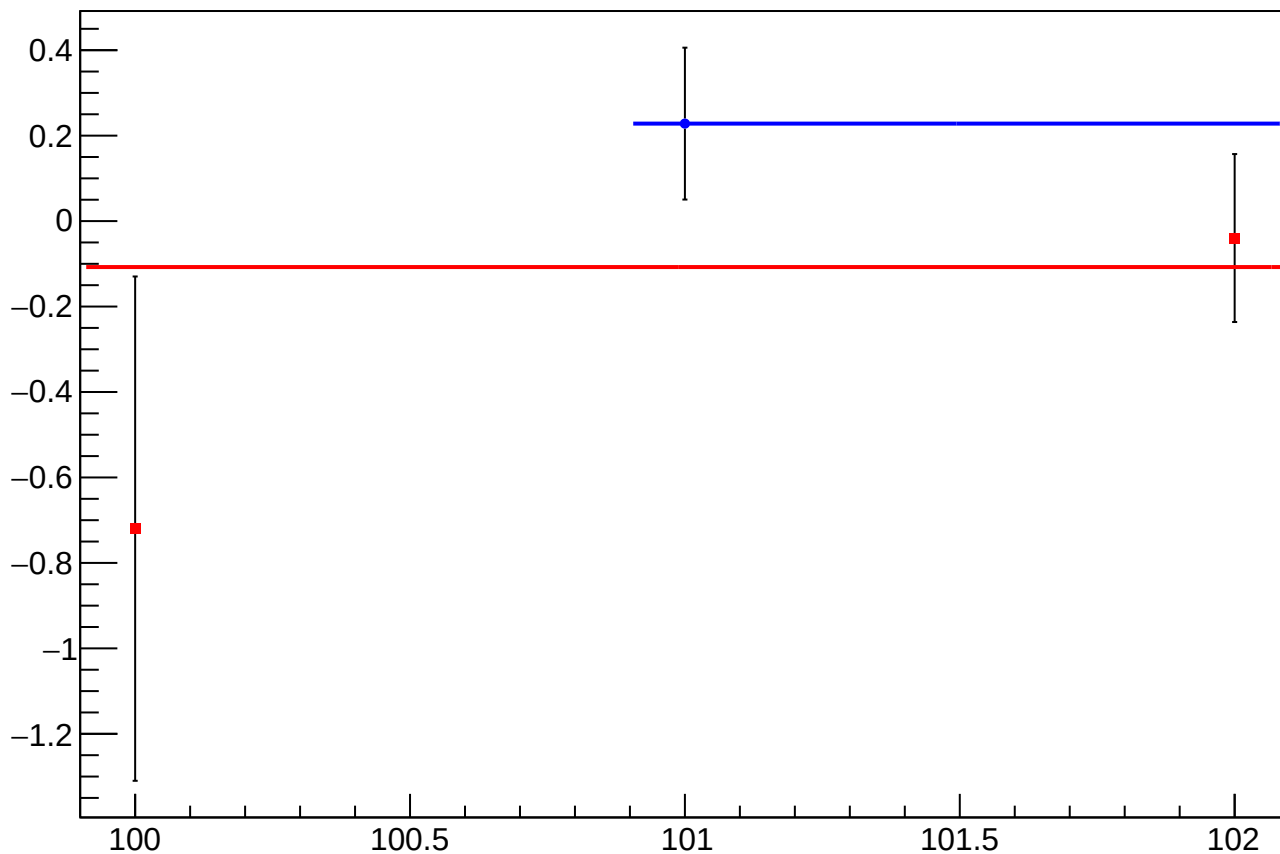
Right: 150.158 $\pm$ 0.091 χ^2 /NDF: 6074.4/2

In: 143.404 $\pm$ 0.126 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 150.158 $\pm$ 0.091 χ^2 /NDF: 6074.4/2

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.228 $\pm$ 0.178 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.108 $\pm$ 0.186 χ^2/NDF : 1.2/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

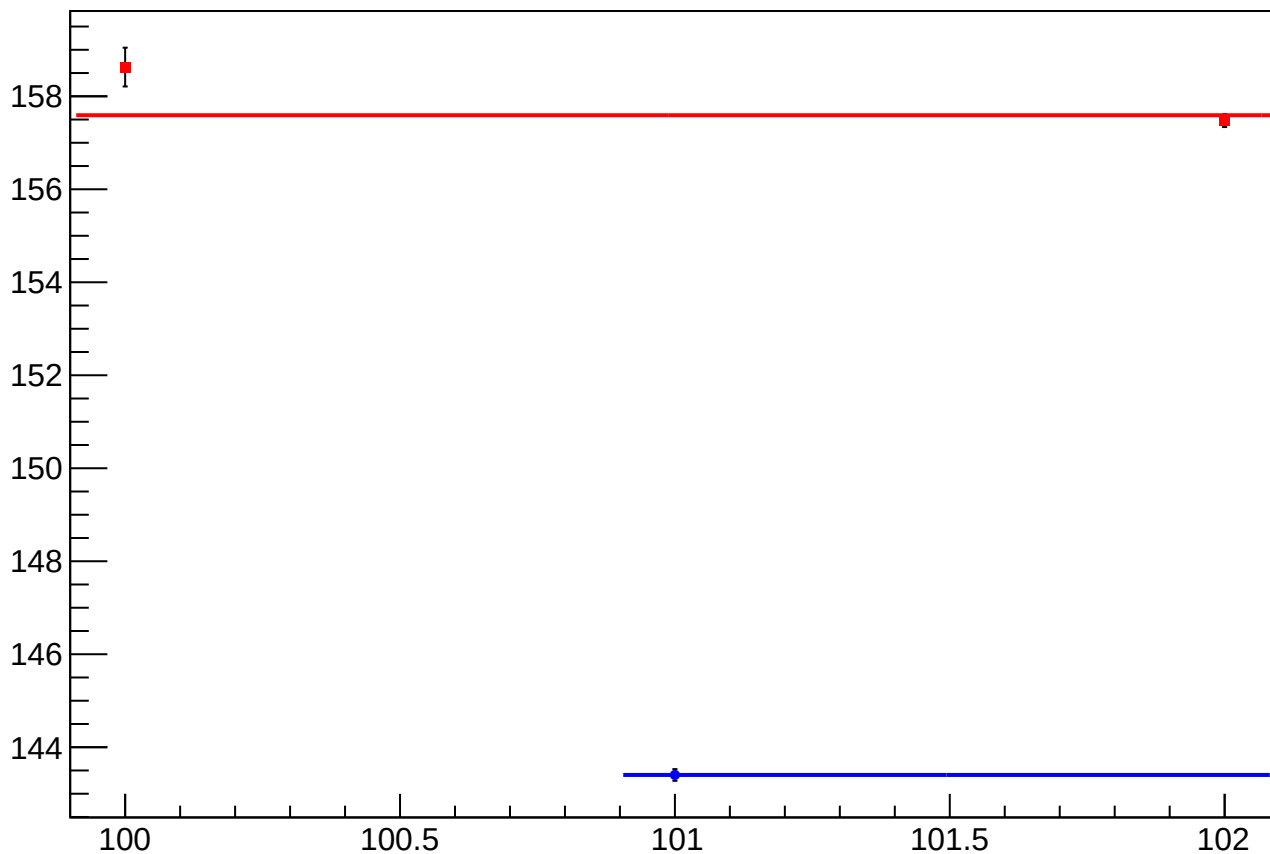
Right: 0.068 $\pm$ 0.129 χ^2/NDF : 2.9/2

In: 0.228 $\pm$ 0.178 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.068 $\pm$ 0.129 χ^2/NDF : 2.9/2

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 143.404 $\pm$ 0.126 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 157.592 $\pm$ 0.132 χ^2 /NDF: 6.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

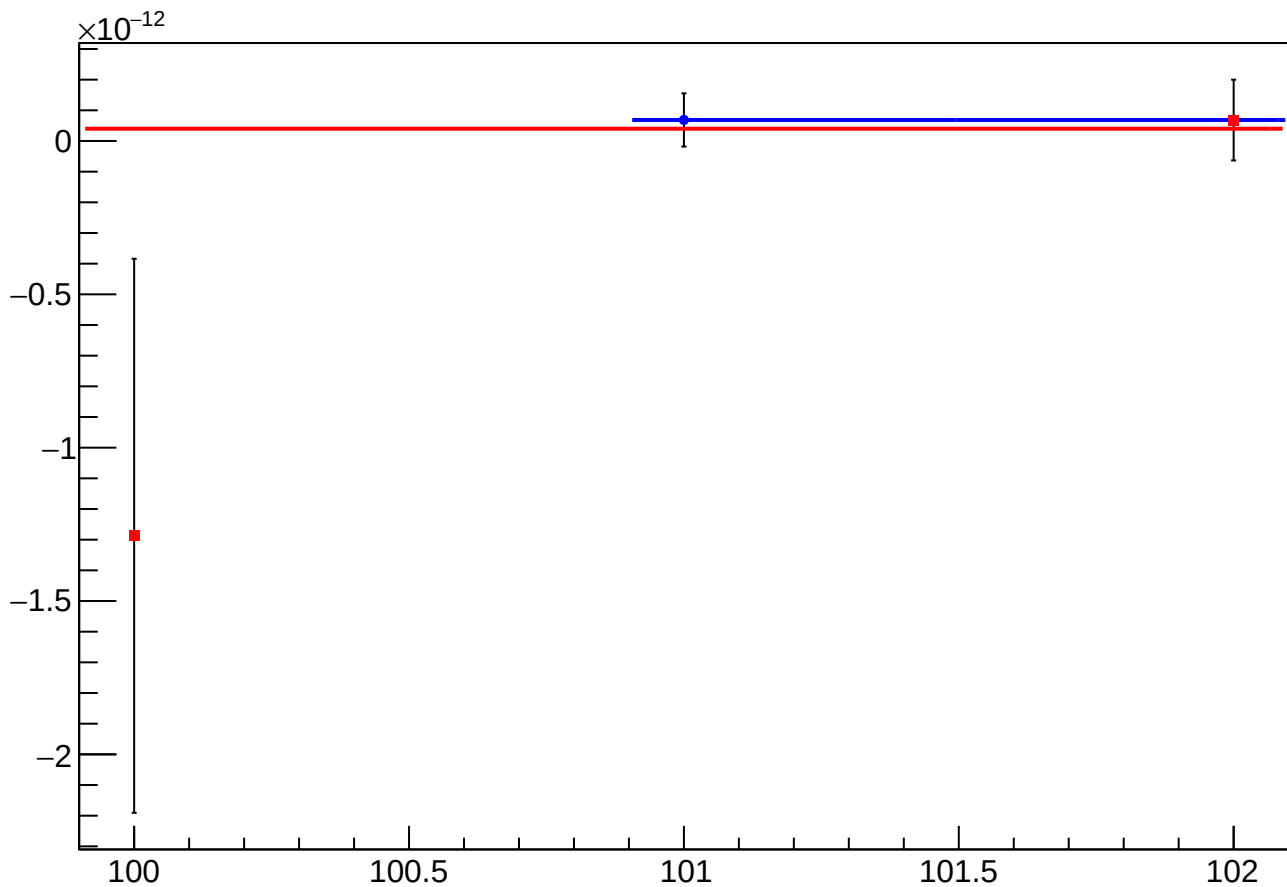
Right: 150.158 $\pm$ 0.091 χ^2 /NDF: 6074.4/2

In: 143.404 $\pm$ 0.126 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 150.158 $\pm$ 0.091 χ^2 /NDF: 6074.4/2

asym_sam_26_dd_eigen_cor_vs_cor_diff_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 : 2.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

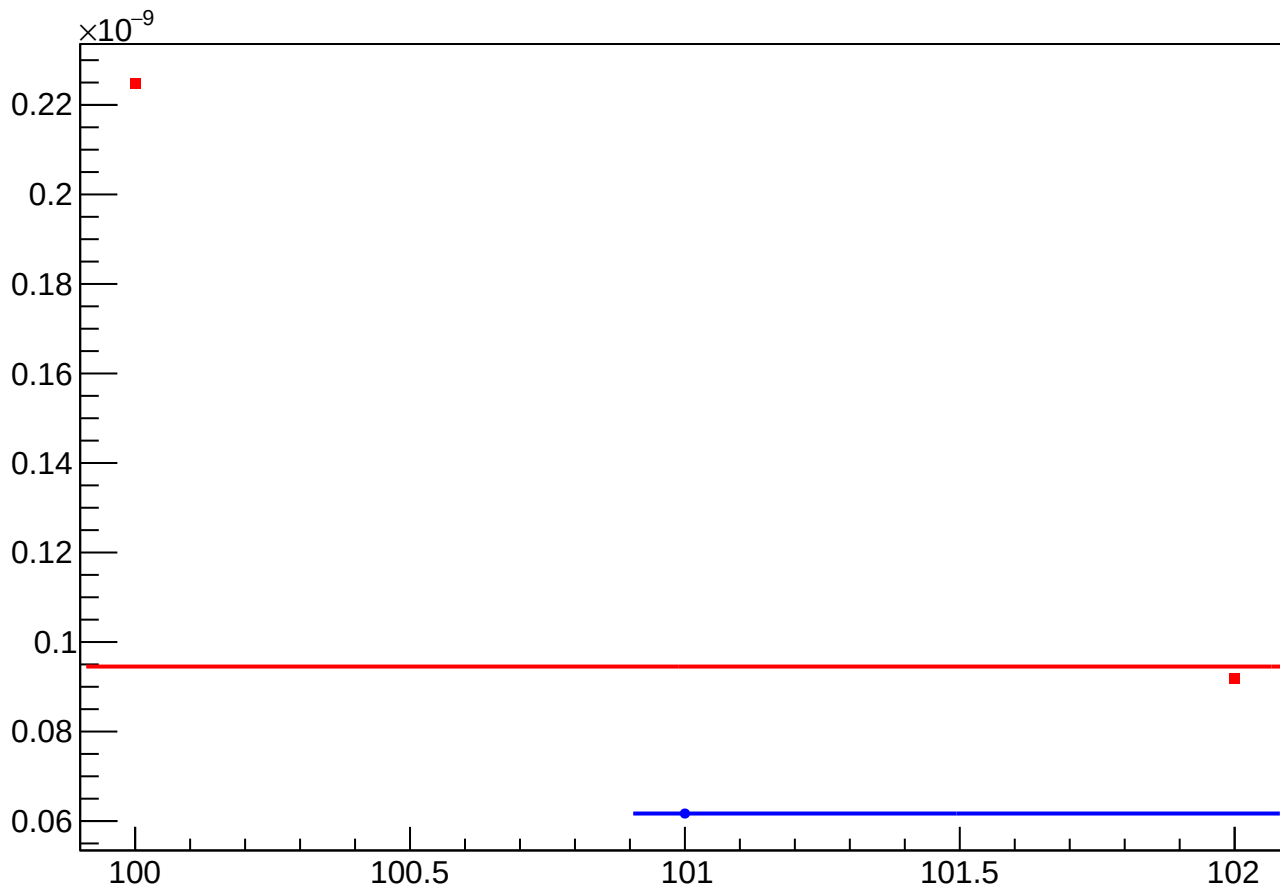
Right: 0.000+/-0.000 χ^2/NDF : 2.2/2

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 : 2.2/2

asym_sam_26_dd_eigen_cor_vs_cor_diff_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 : 42477.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

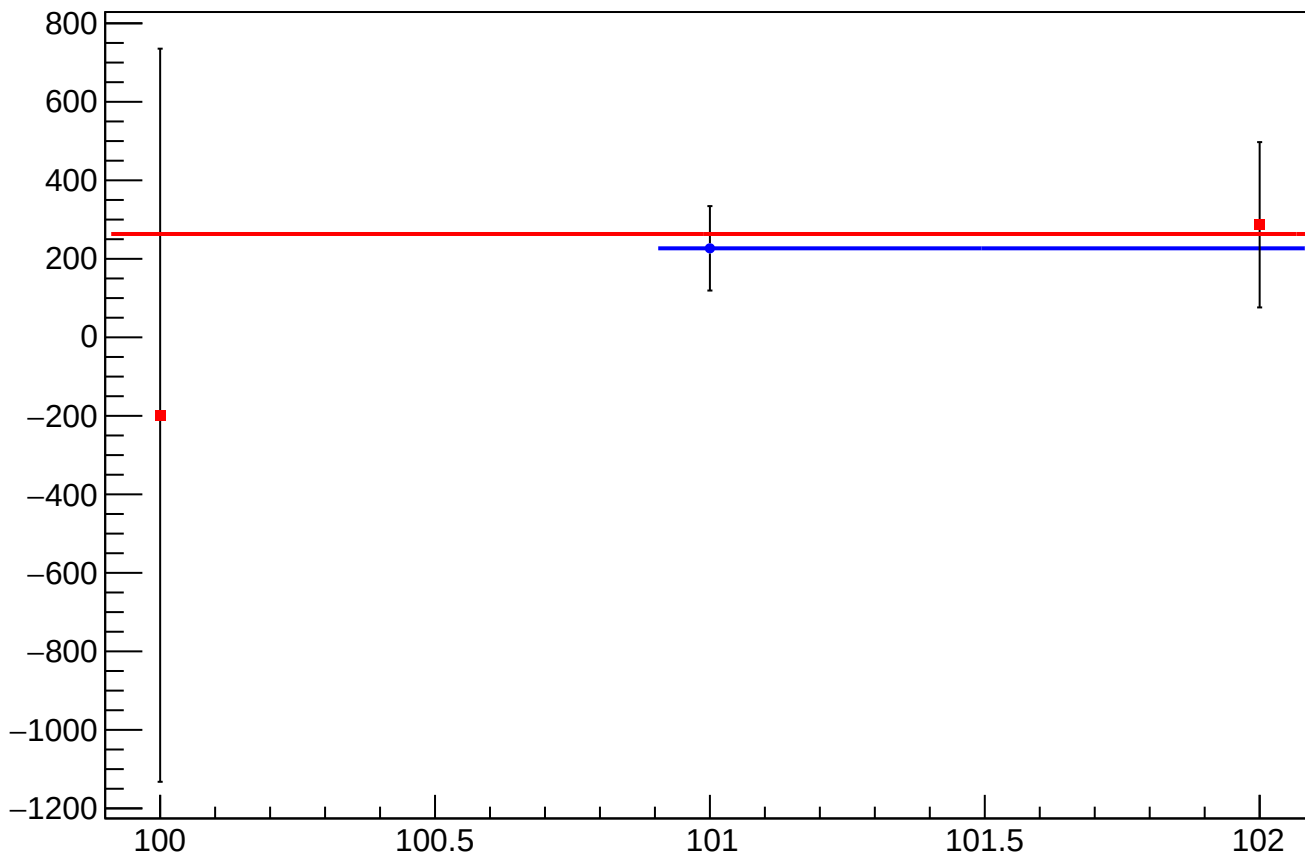
Right: 0.000+/-0.000 χ^2/NDF : 130458.4/2

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 : 130458.4/2

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 226.768 $\pm$ 107.560 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 263.297 $\pm$ 205.423 χ^2 /NDF: 0.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

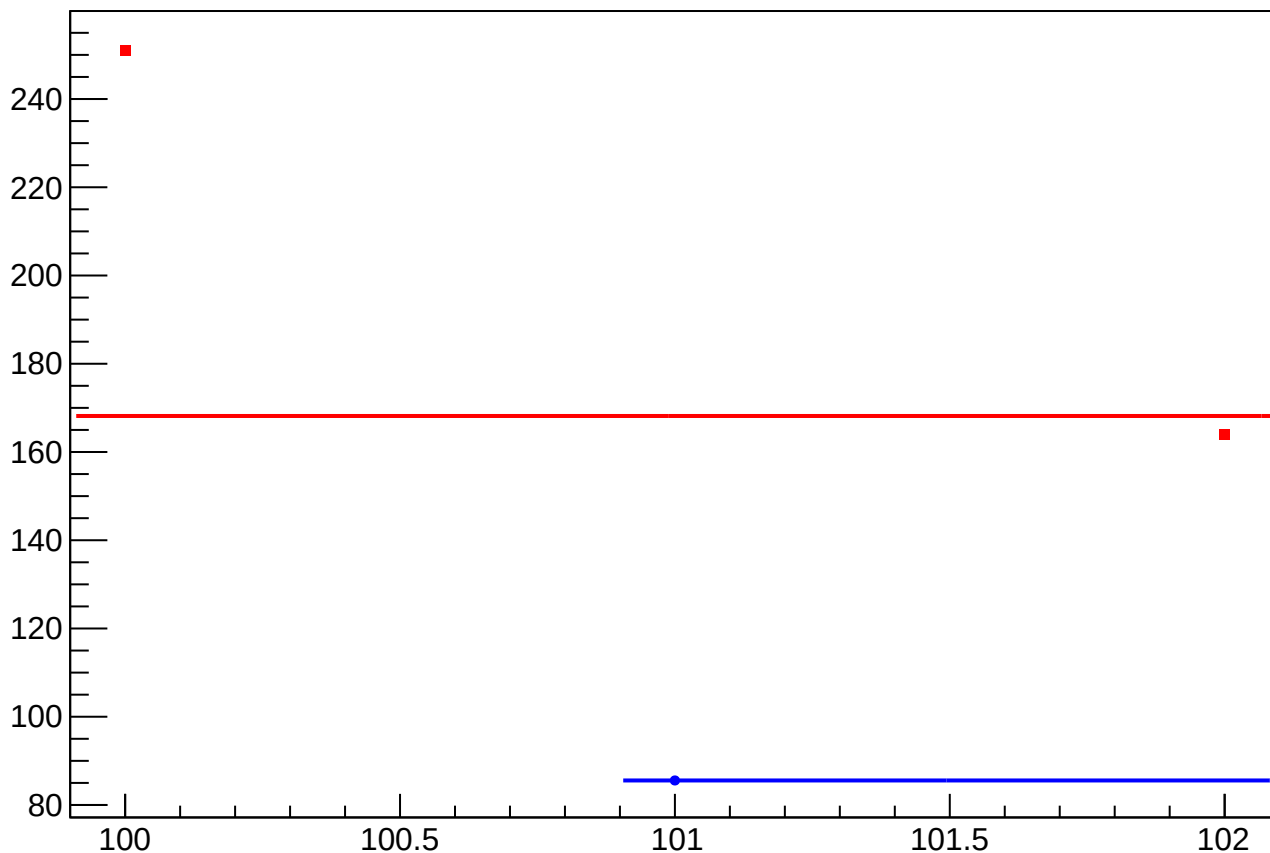
Right: 234.628 $\pm$ 95.288 χ^2 /NDF: 0.3/2

In: 226.768 $\pm$ 107.560 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 234.628 $\pm$ 95.288 χ^2 /NDF: 0.3/2

reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 85.556+/-0.076 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 168.162+/-0.145 χ^2/NDF : 16528.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

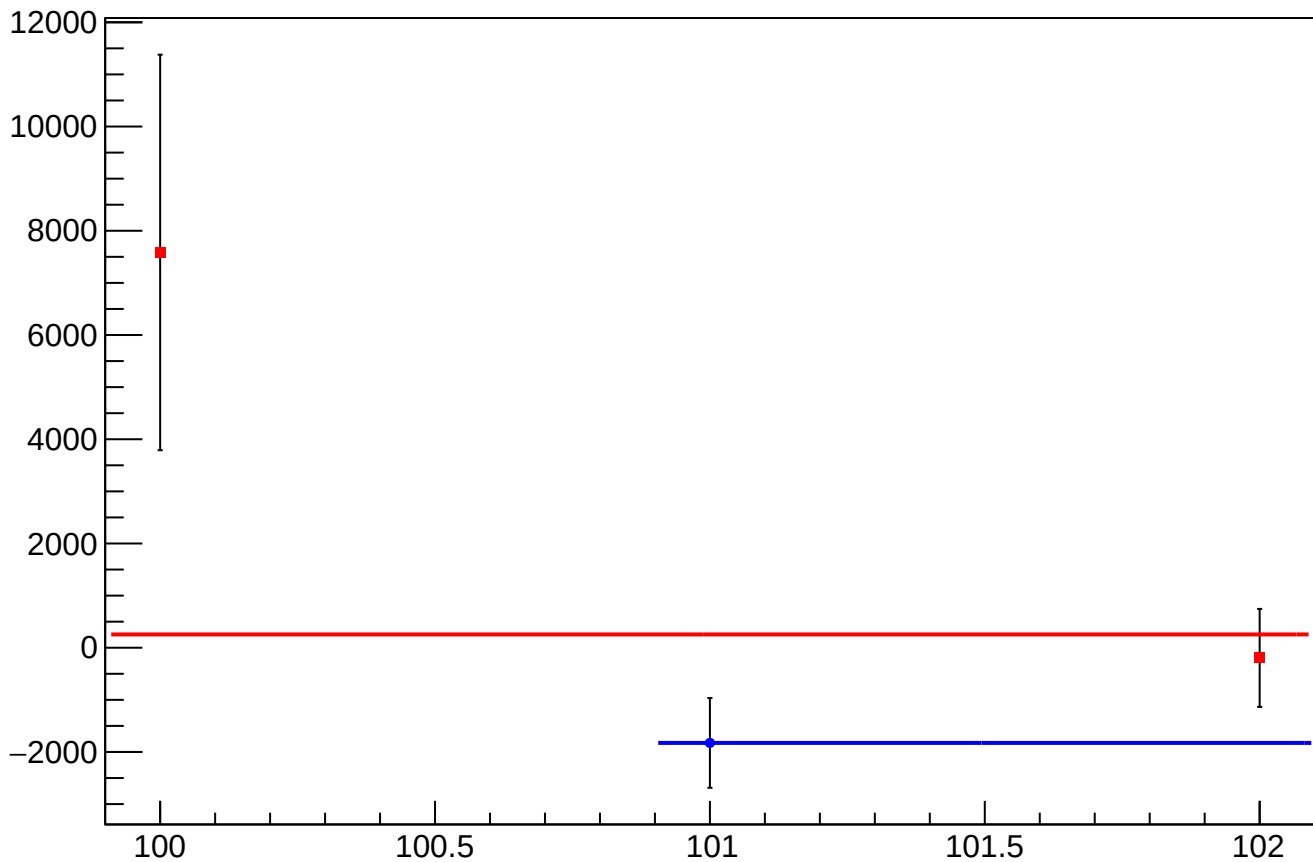
Right: 103.331+/-0.067 χ^2/NDF : 270351.4/2

In: 85.556+/-0.076 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.331+/-0.067 χ^2/NDF : 270351.4/2

asym_sam_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -1826.319+/-861.153 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 254.849+/-912.800 χ^2/NDF : 4.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

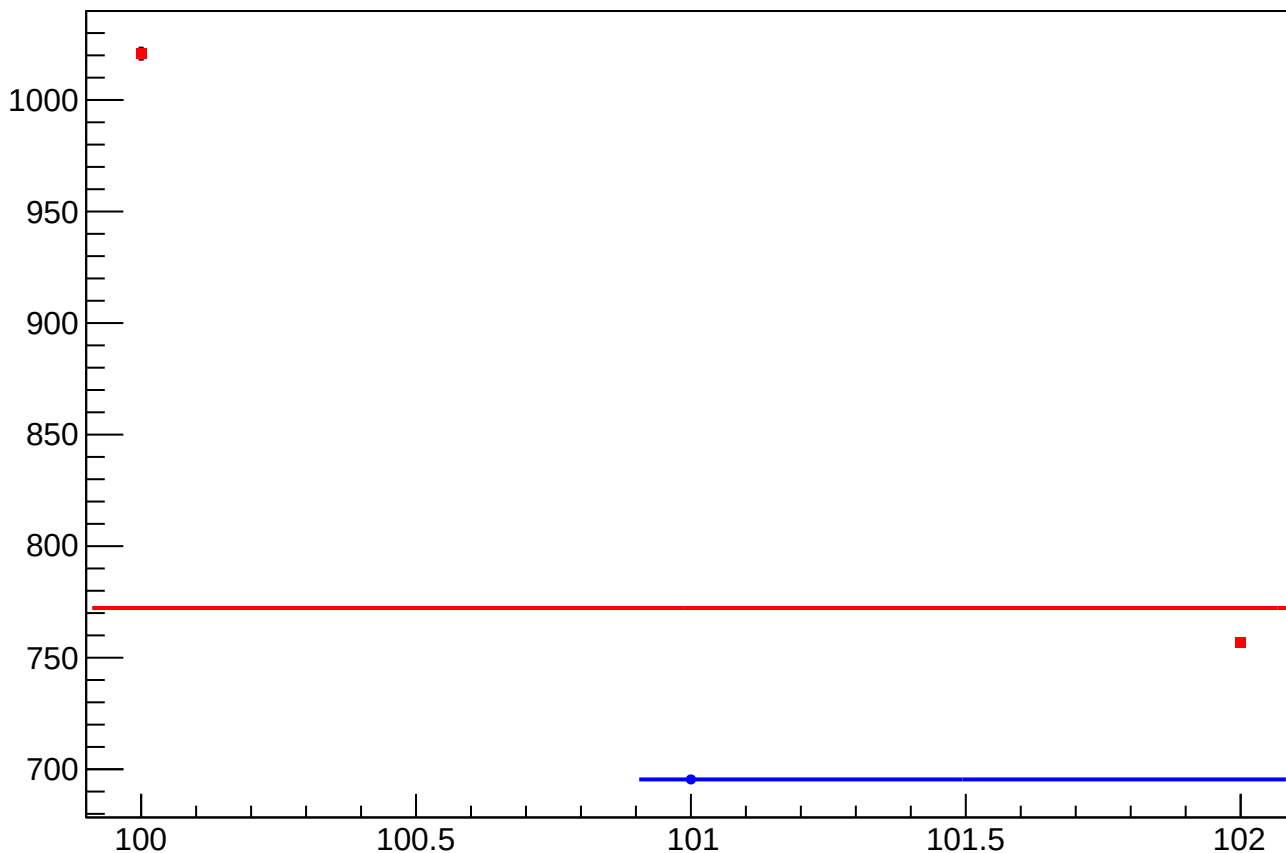
Right: -846.276+/-626.390 χ^2/NDF : 6.7/2

In: -1826.319+/-861.153 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -846.276+/-626.390 χ^2/NDF : 6.7/2

asym_sam_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 695.431+/-0.609 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 772.288+/-0.645 χ^2/NDF : 9103.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

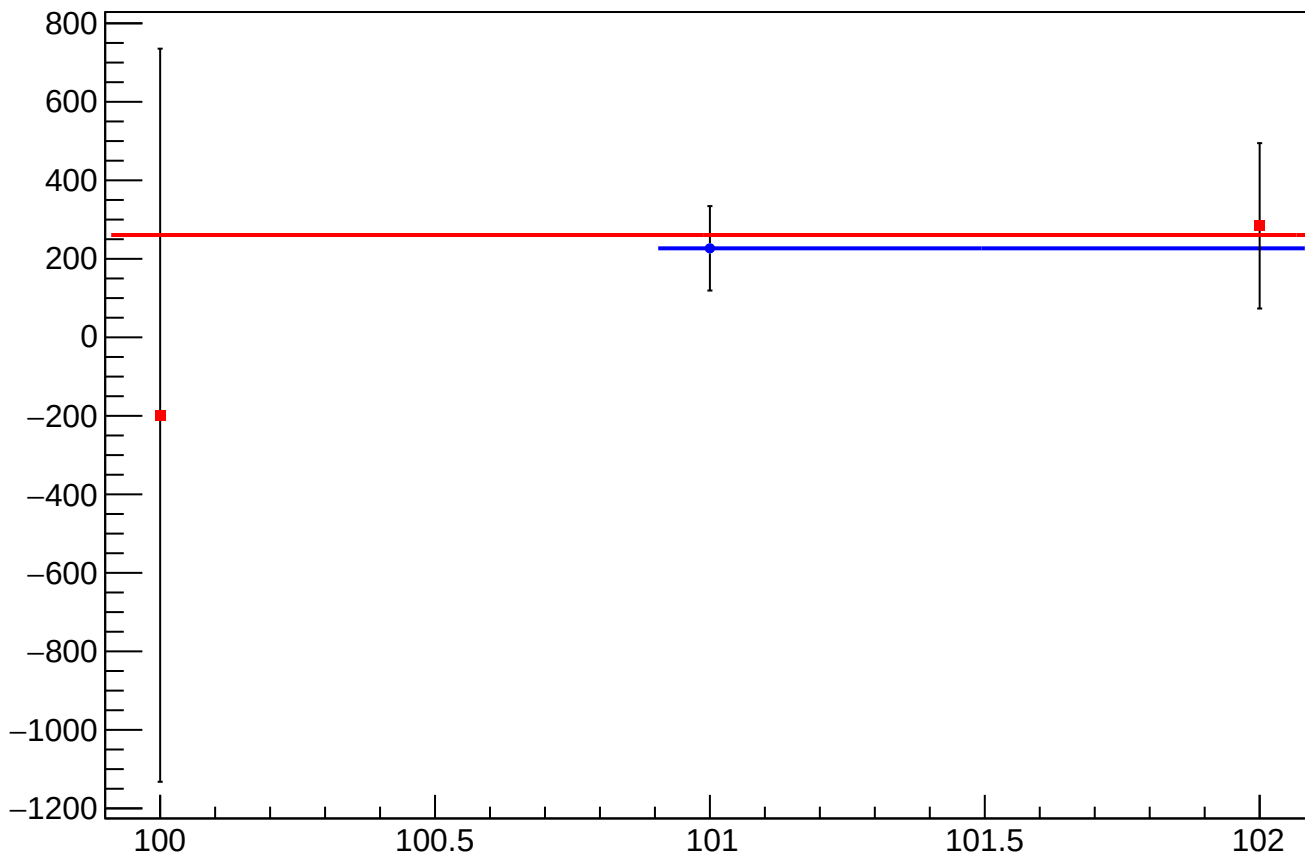
Right: 731.624+/-0.443 χ^2/NDF : 16604.9/2

In: 695.431+/-0.609 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 731.624+/-0.443 χ^2/NDF : 16604.9/2

cor_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 226.767 $\pm$ 107.560 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 260.716 $\pm$ 205.511 χ^2 /NDF: 0.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

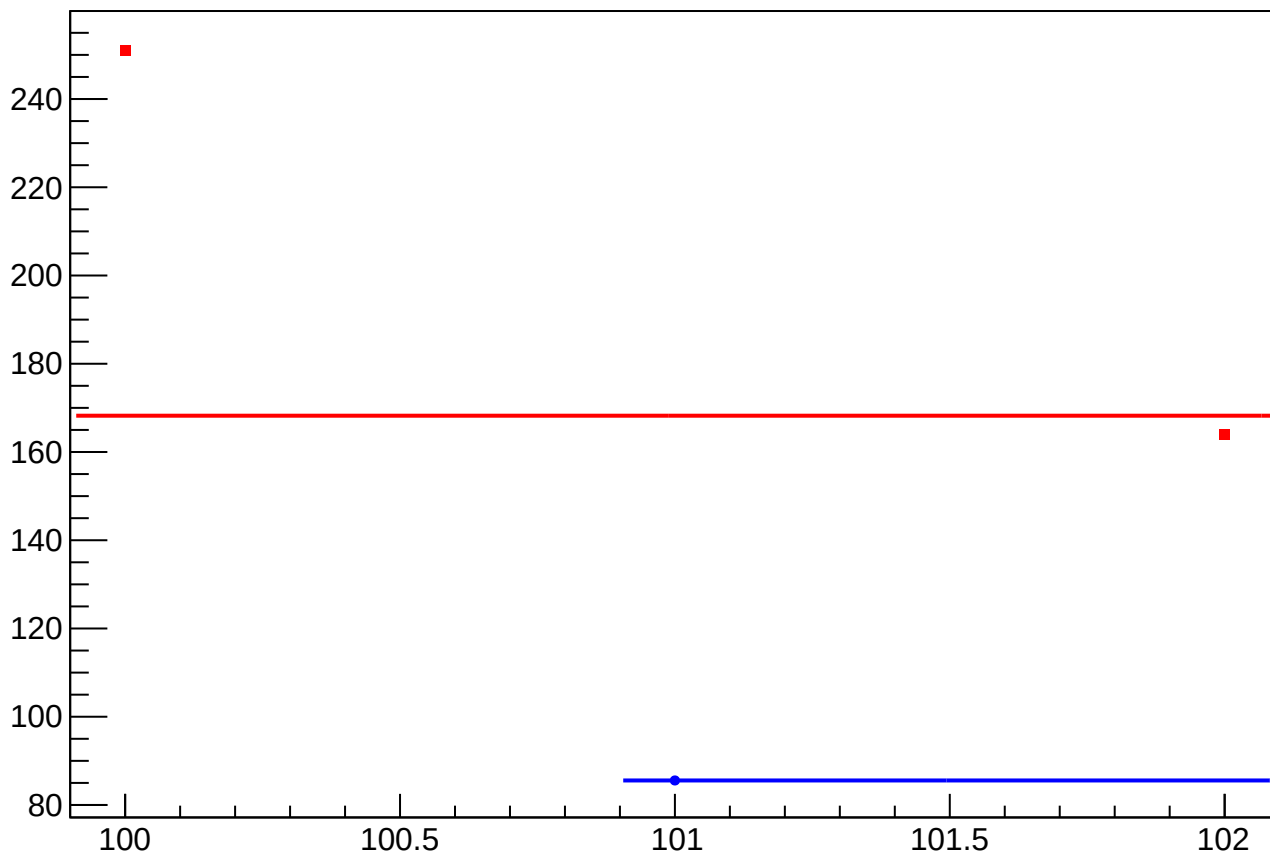
Right: 234.067 $\pm$ 95.297 χ^2 /NDF: 0.3/2

In: 226.767 $\pm$ 107.560 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 234.067 $\pm$ 95.297 χ^2 /NDF: 0.3/2

cor_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 85.556 $\pm$ 0.076 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 168.225 $\pm$ 0.145 χ^2 /NDF: 16504.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

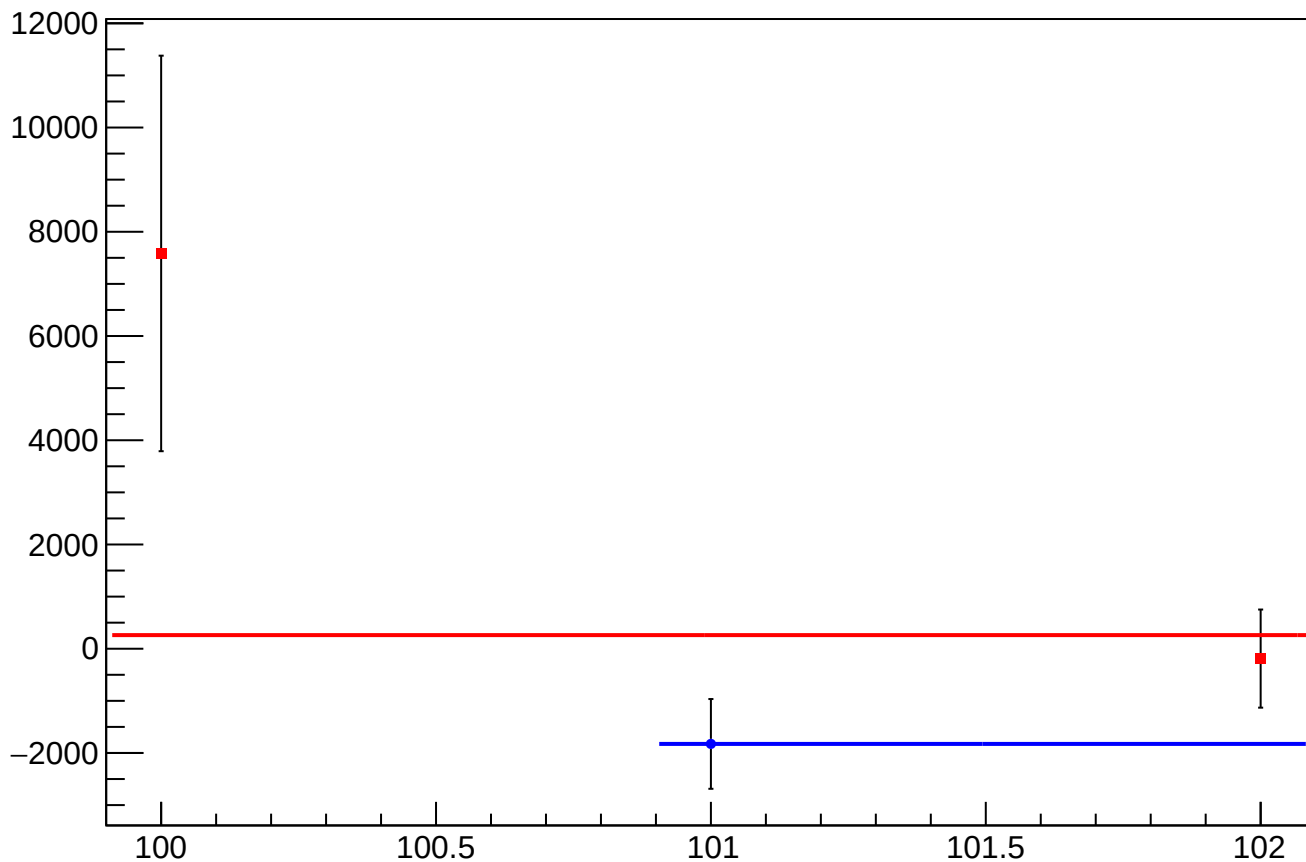
Right: 103.332 $\pm$ 0.067 χ^2 /NDF: 270541.8/2

In: 85.556 $\pm$ 0.076 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 103.332 $\pm$ 0.067 χ^2 /NDF: 270541.8/2

asym_sam_37_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -1826.318+/-861.154 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 261.282+/-913.599 χ^2/NDF : 4.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

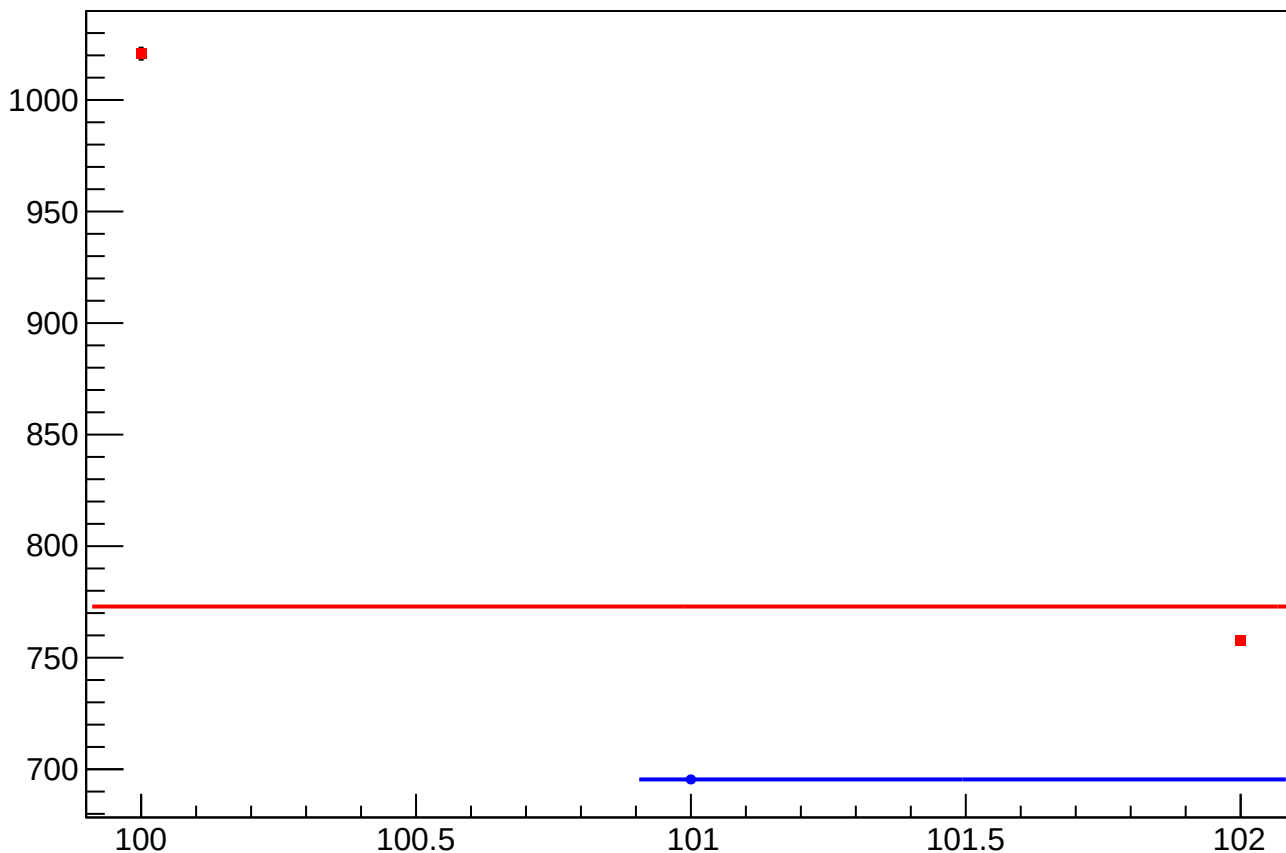
Right: -844.155+/-626.648 χ^2/NDF : 6.7/2

In: -1826.318+/-861.154 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -844.155+/-626.648 χ^2/NDF : 6.7/2

asym_sam_37_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 695.432 $\pm$ 0.609 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 772.942 $\pm$ 0.646 χ^2 /NDF: 9056.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

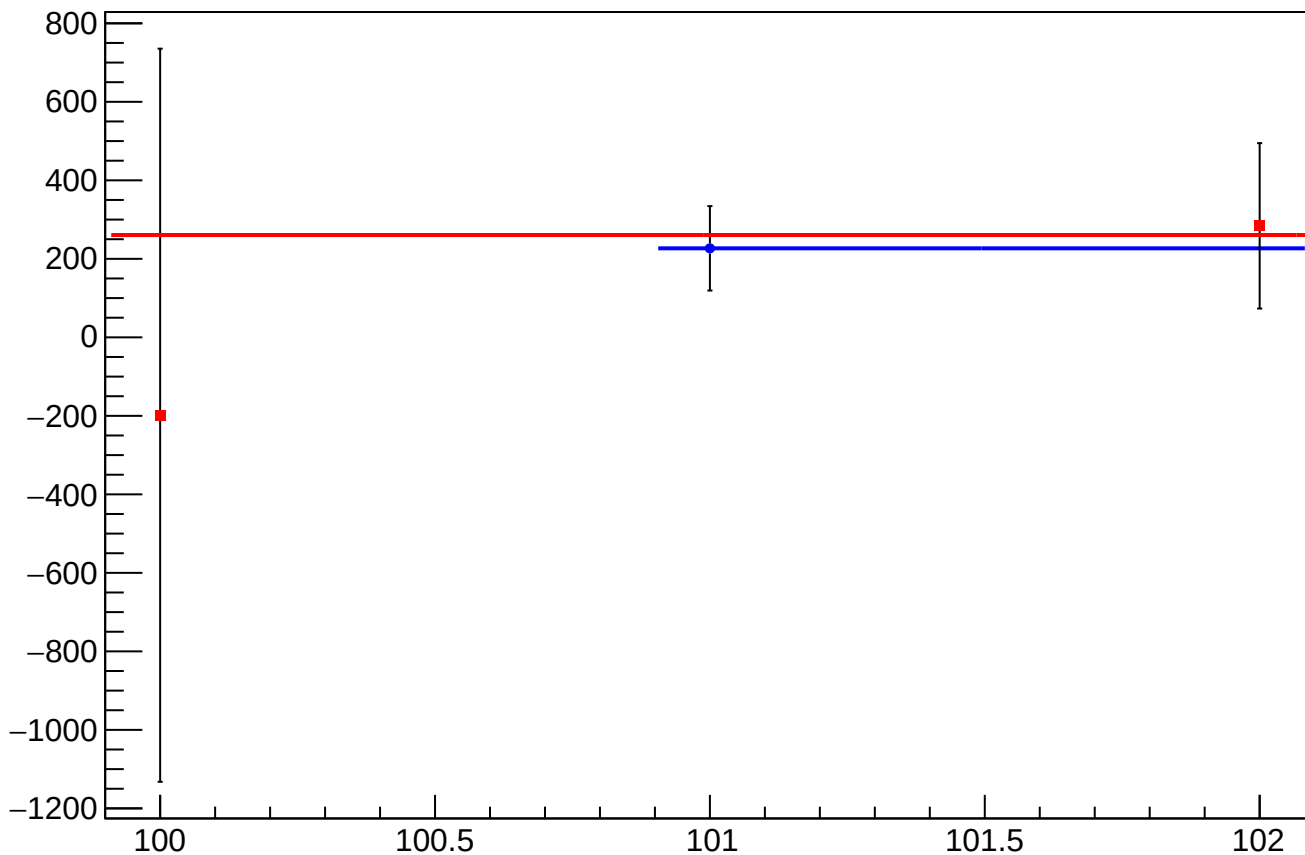
Right: 731.898 $\pm$ 0.443 χ^2 /NDF: 16679.1/2

In: 695.432 $\pm$ 0.609 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 731.898 $\pm$ 0.443 χ^2 /NDF: 16679.1/2

eigen_cor_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 226.767 $\pm$ 107.560 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 260.716 $\pm$ 205.511 χ^2 /NDF: 0.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

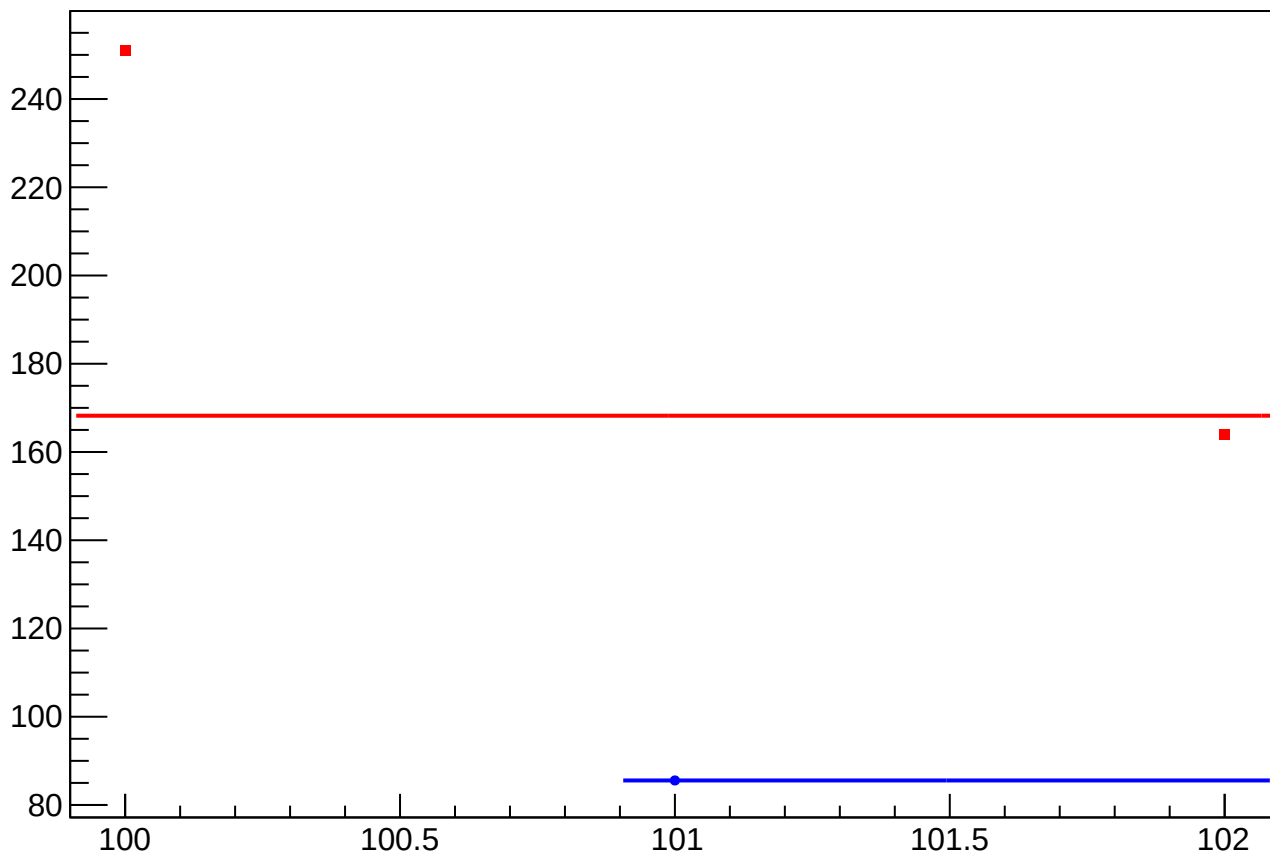
Right: 234.067 $\pm$ 95.297 χ^2 /NDF: 0.3/2

In: 226.767 $\pm$ 107.560 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 234.067 $\pm$ 95.297 χ^2 /NDF: 0.3/2

eigen_cor_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 85.556 $\pm$ 0.076 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 168.225 $\pm$ 0.145 χ^2 /NDF: 16504.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

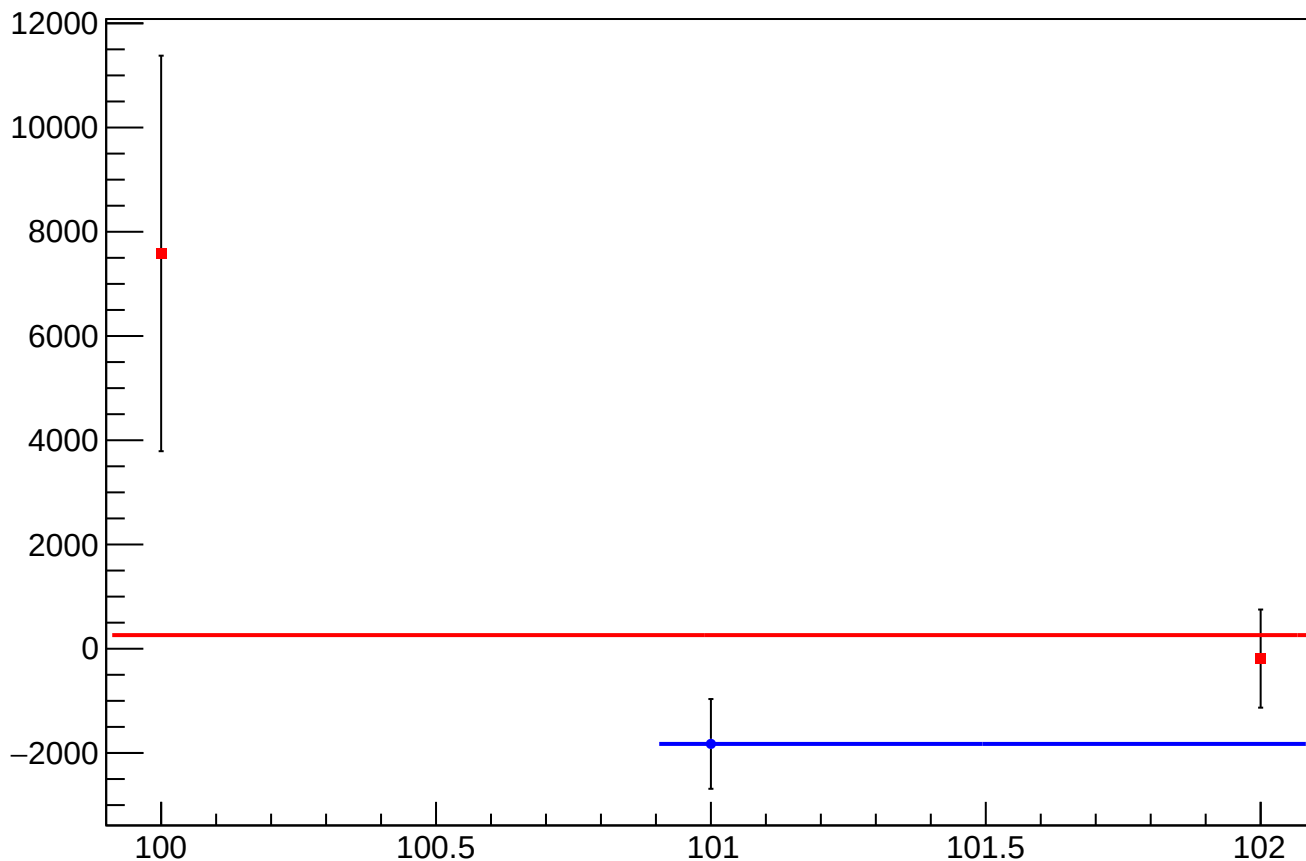
Right: 103.332 $\pm$ 0.067 χ^2 /NDF: 270541.8/2

In: 85.556 $\pm$ 0.076 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 103.332 $\pm$ 0.067 χ^2 /NDF: 270541.8/2

asym_sam_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1826.318 $\pm$ 861.154 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 261.282 $\pm$ 913.599 χ^2 /NDF: 4.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

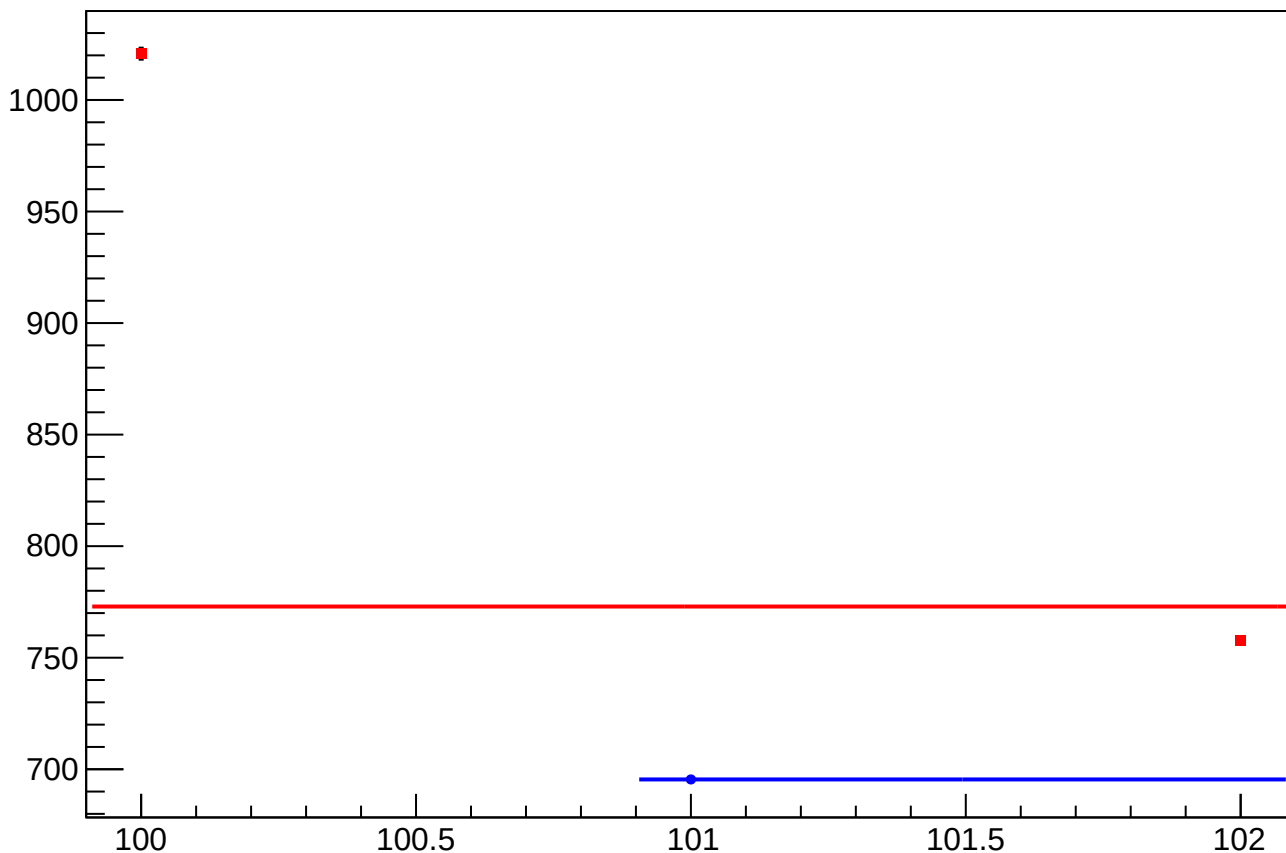
Right: -844.155 $\pm$ 626.648 χ^2 /NDF: 6.7/2

In: -1826.318 $\pm$ 861.154 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -844.155 $\pm$ 626.648 χ^2 /NDF: 6.7/2

asym_sam_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 695.432 $\pm$ 0.609 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 772.942 $\pm$ 0.646 χ^2 /NDF: 9056.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

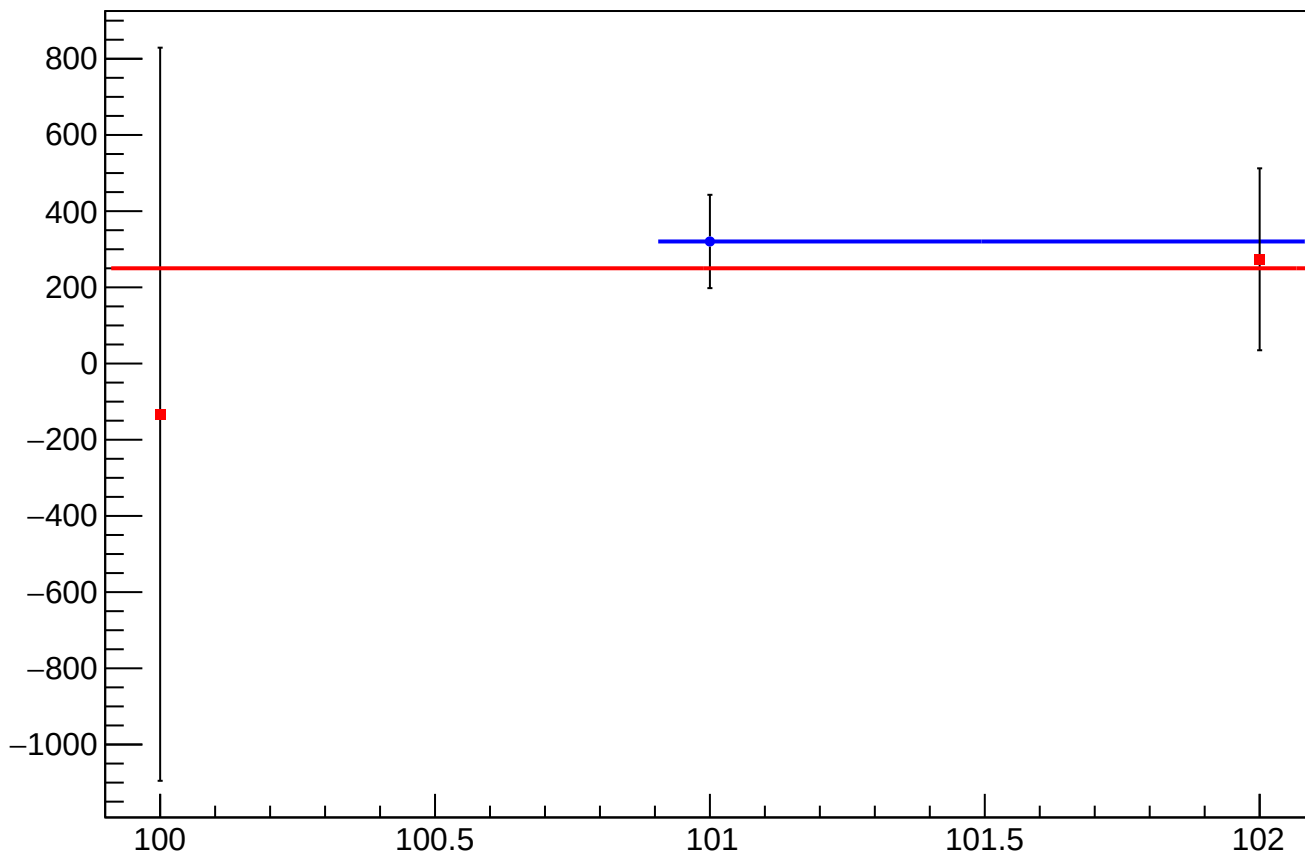
Right: 731.898 $\pm$ 0.443 χ^2 /NDF: 16679.1/2

In: 695.432 $\pm$ 0.609 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 731.898 $\pm$ 0.443 χ^2 /NDF: 16679.1/2

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 320.427 $\pm$ 122.478 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 250.055 $\pm$ 231.742 χ^2 /NDF: 0.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

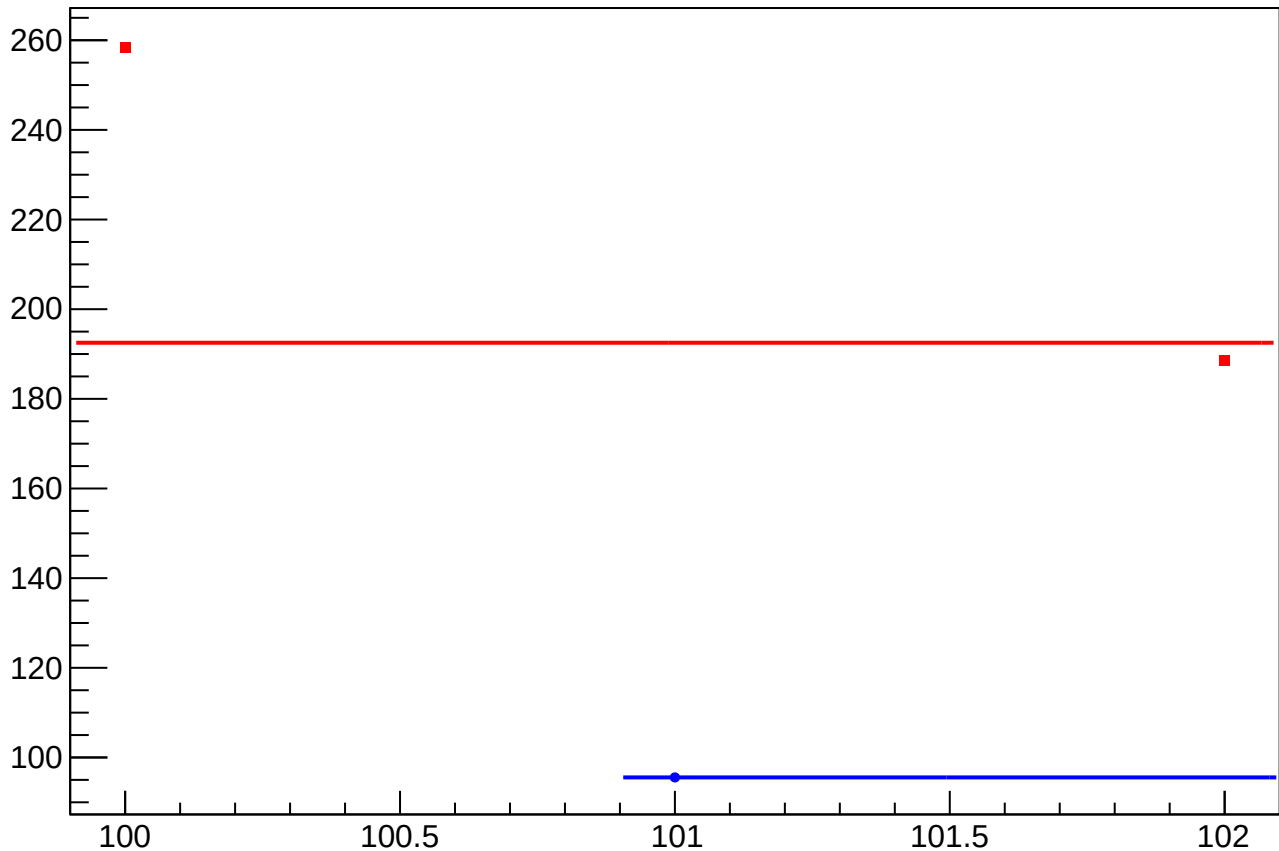
Right: 305.062 $\pm$ 108.285 χ^2 /NDF: 0.2/2

In: 320.427 $\pm$ 122.478 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 305.062 $\pm$ 108.285 χ^2 /NDF: 0.2/2

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 95.551+/-0.087 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 192.517+/-0.164 χ^2/NDF : 9933.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

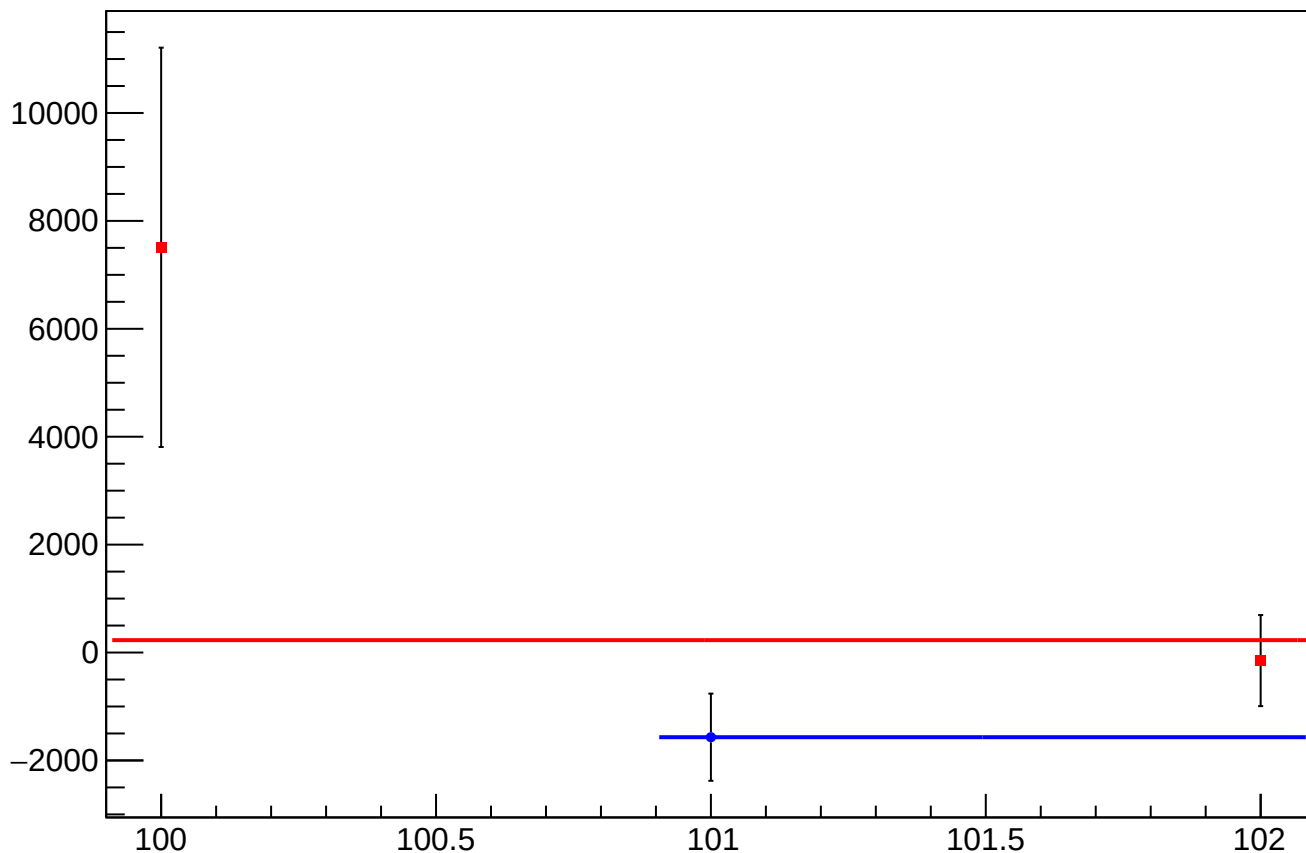
Right: 116.722+/-0.077 χ^2/NDF : 283635.5/2

In: 95.551+/-0.087 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.722+/-0.077 χ^2/NDF : 283635.5/2

asym_sam_37_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -1569.173+/-807.955 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 229.543+/-822.869 χ^2/NDF : 4.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

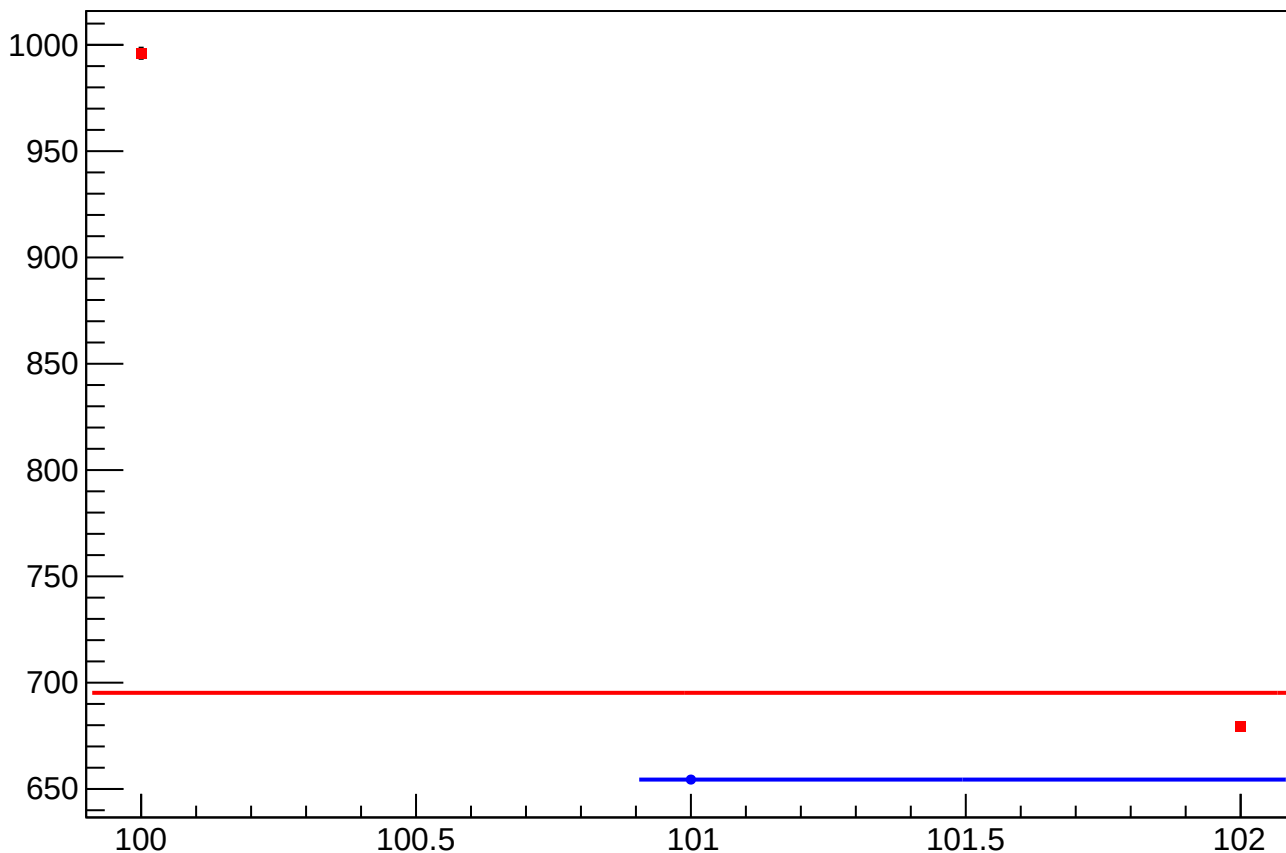
Right: -686.263+/-576.511 χ^2/NDF : 6.5/2

In: -1569.173+/-807.955 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -686.263+/-576.511 χ^2/NDF : 6.5/2

asym_sam_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 654.418 $\pm$ 0.571 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 695.225 $\pm$ 0.582 χ^2 /NDF: 13905.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

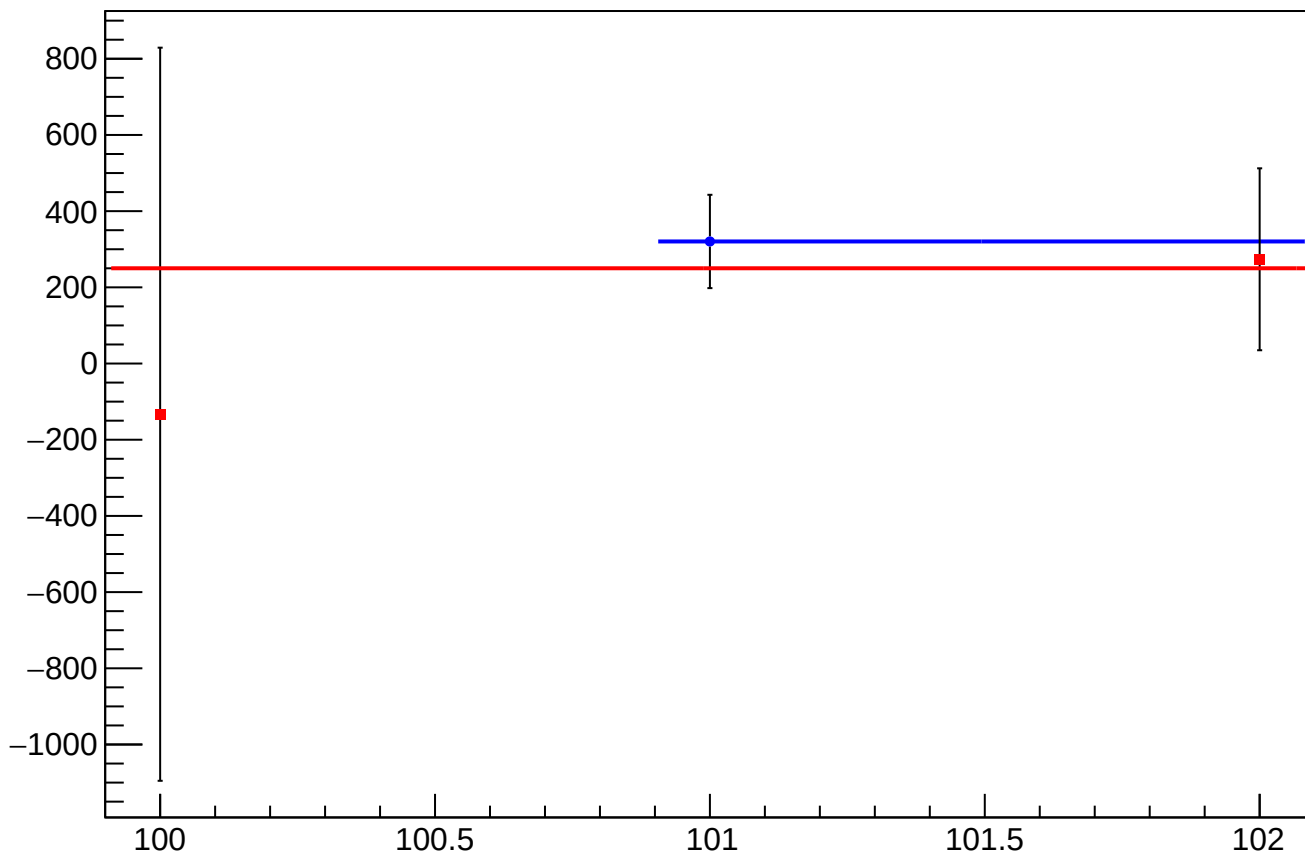
Right: 674.448 $\pm$ 0.408 χ^2 /NDF: 16409.2/2

In: 654.418 $\pm$ 0.571 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 674.448 $\pm$ 0.408 χ^2 /NDF: 16409.2/2

eigen_dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 320.435+/-122.479 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 250.054+/-231.744 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

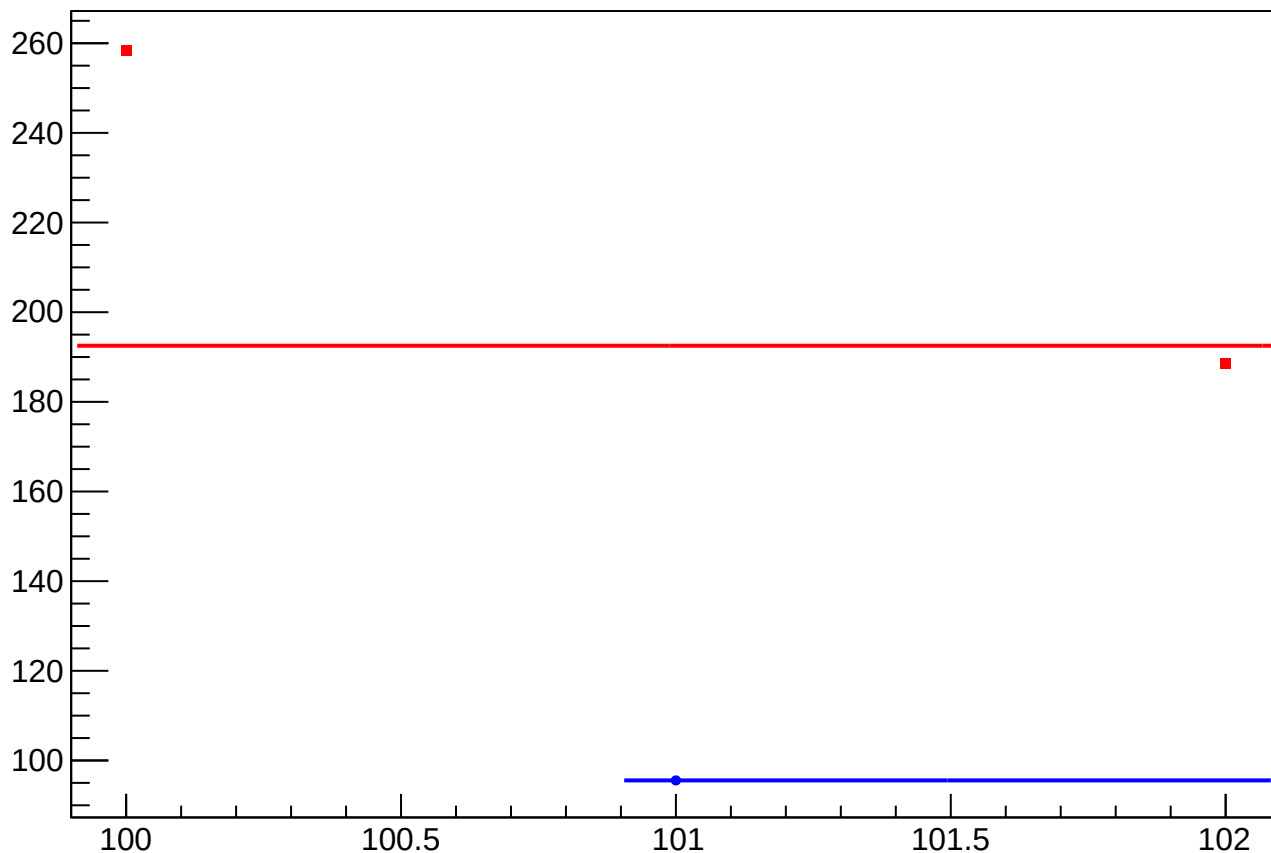
Right: 305.068+/-108.286 χ^2/NDF : 0.2/2

In: 320.435+/-122.479 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 305.068+/-108.286 χ^2/NDF : 0.2/2

eigen_dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 95.551 $\pm$ 0.087 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 192.518 $\pm$ 0.164 χ^2 /NDF: 9932.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

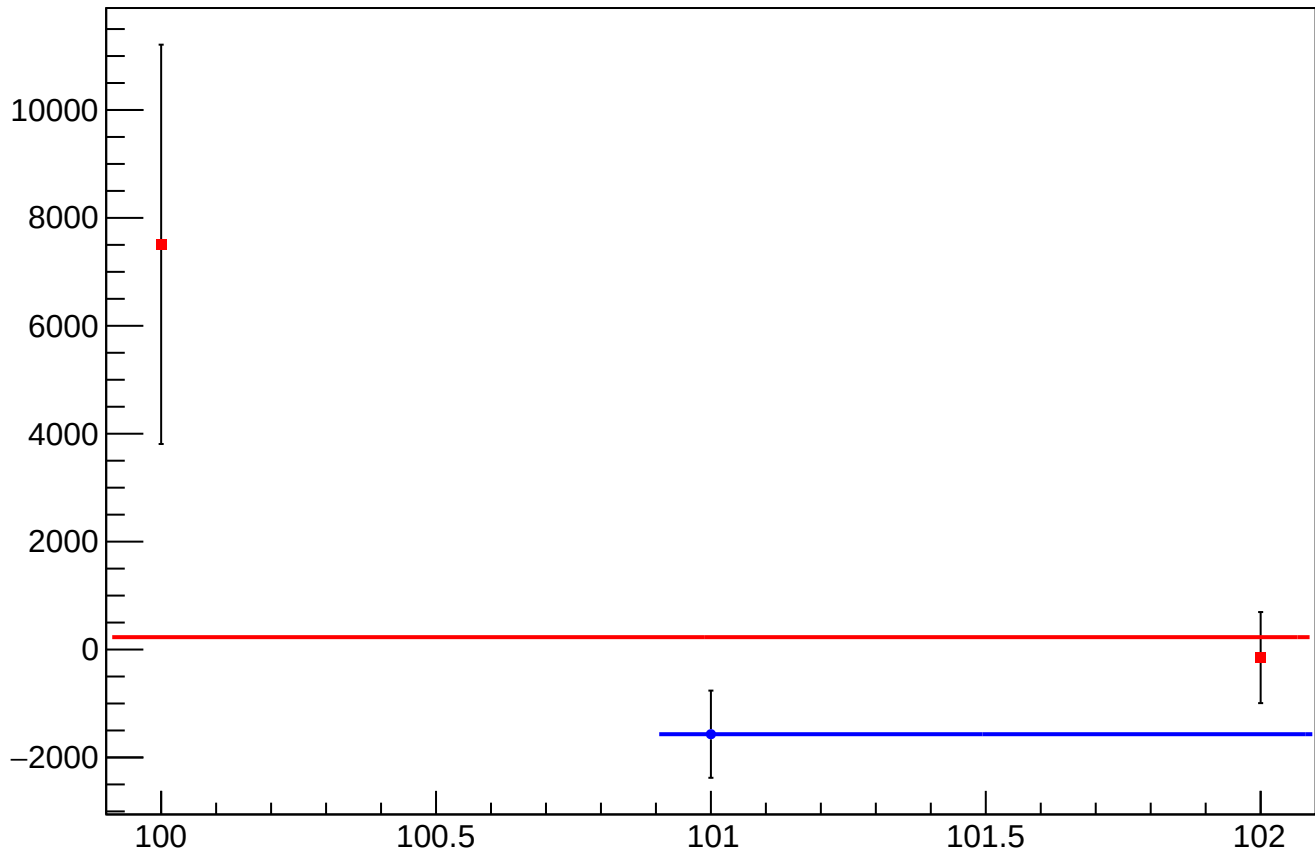
Right: 116.723 $\pm$ 0.077 χ^2 /NDF: 283636.7/2

In: 95.551 $\pm$ 0.087 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 116.723 $\pm$ 0.077 χ^2 /NDF: 283636.7/2

asym_sam_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1569.166+/-807.951 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 229.542+/-822.864 χ^2/NDF : 4.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

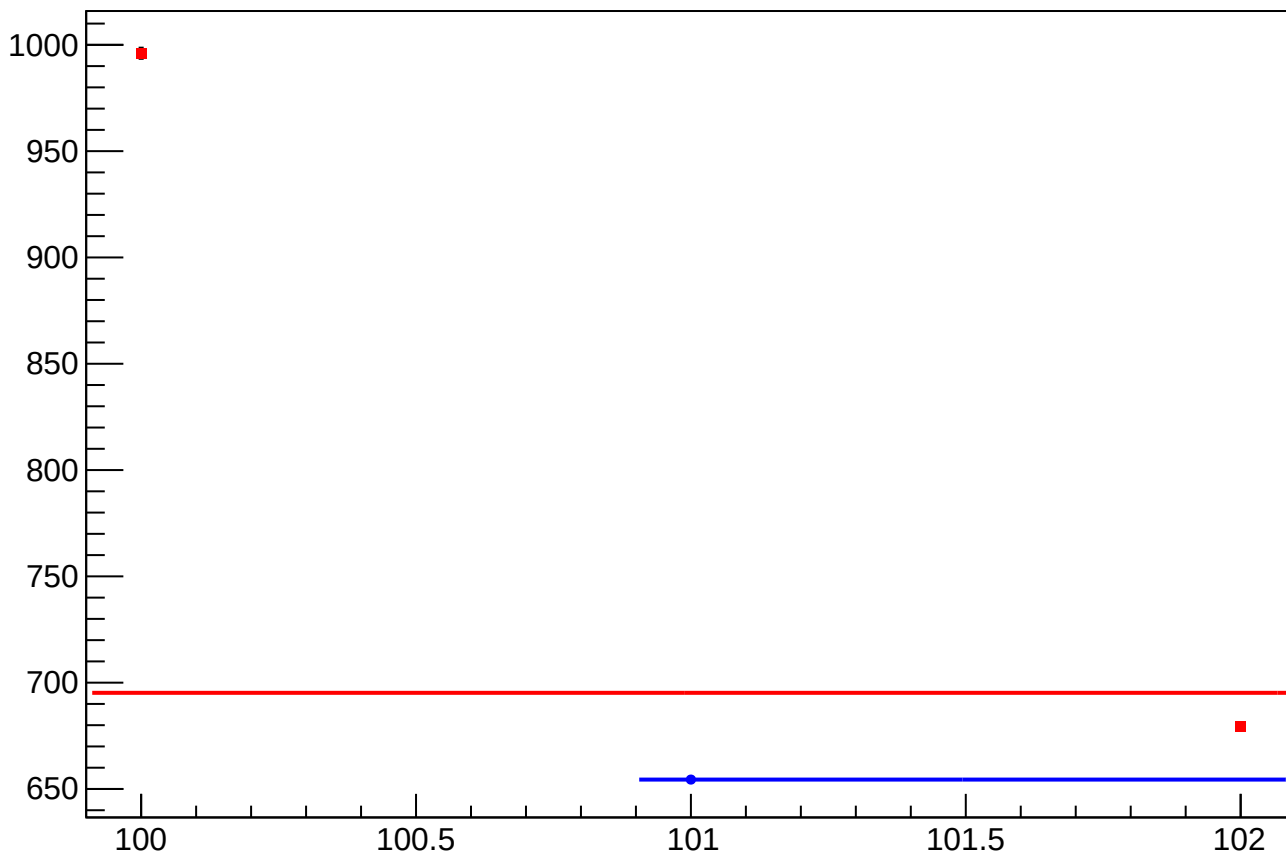
Right: -686.259+/-576.508 χ^2/NDF : 6.5/2

In: -1569.166+/-807.951 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -686.259+/-576.508 χ^2/NDF : 6.5/2

asym_sam_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 654.415 $\pm$ 0.571 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 695.221 $\pm$ 0.582 χ^2 /NDF: 13905.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

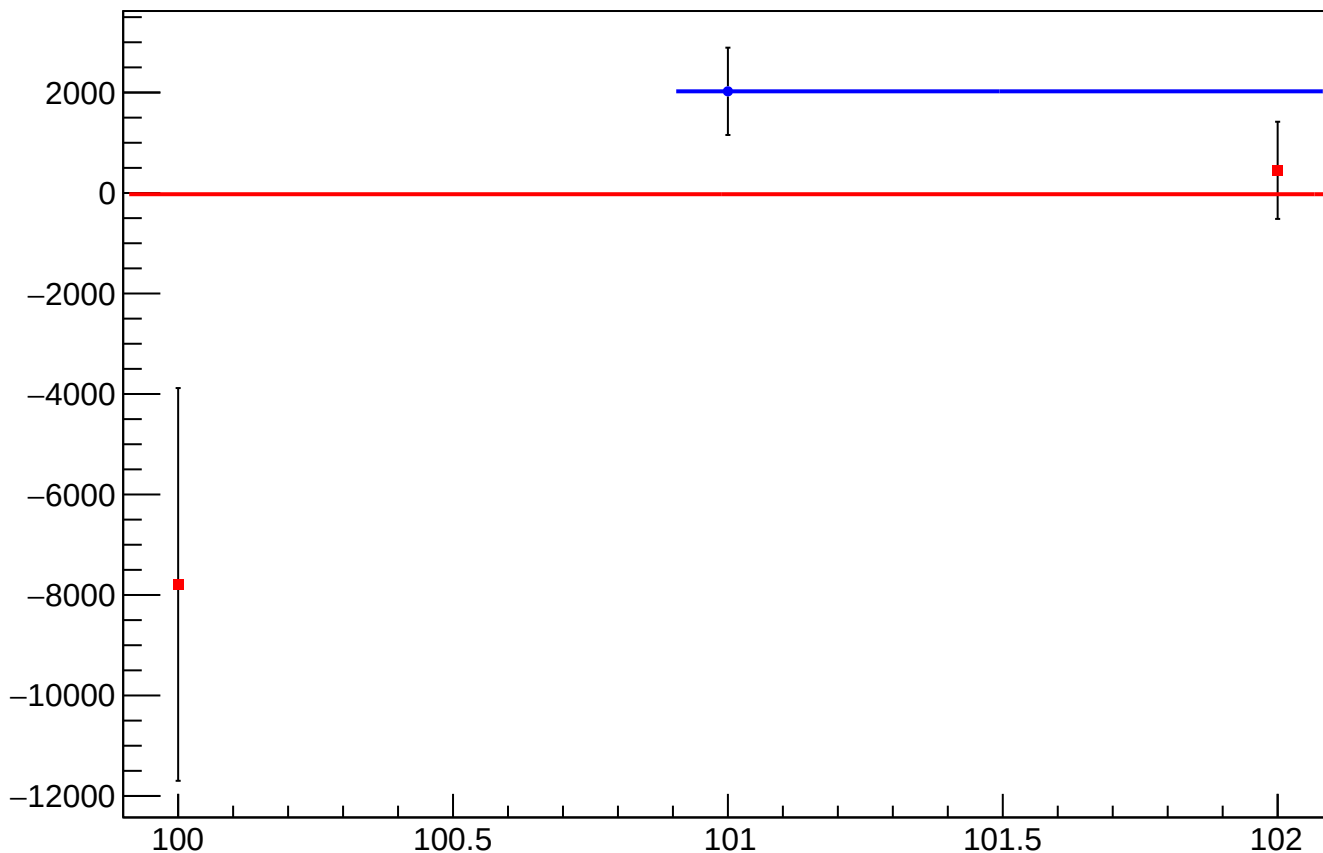
Right: 674.445 $\pm$ 0.408 χ^2 /NDF: 16409.2/2

In: 654.415 $\pm$ 0.571 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 674.445 $\pm$ 0.408 χ^2 /NDF: 16409.2/2

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 2023.676+/-868.788 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -24.039+/-938.689 χ^2/NDF : 4.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

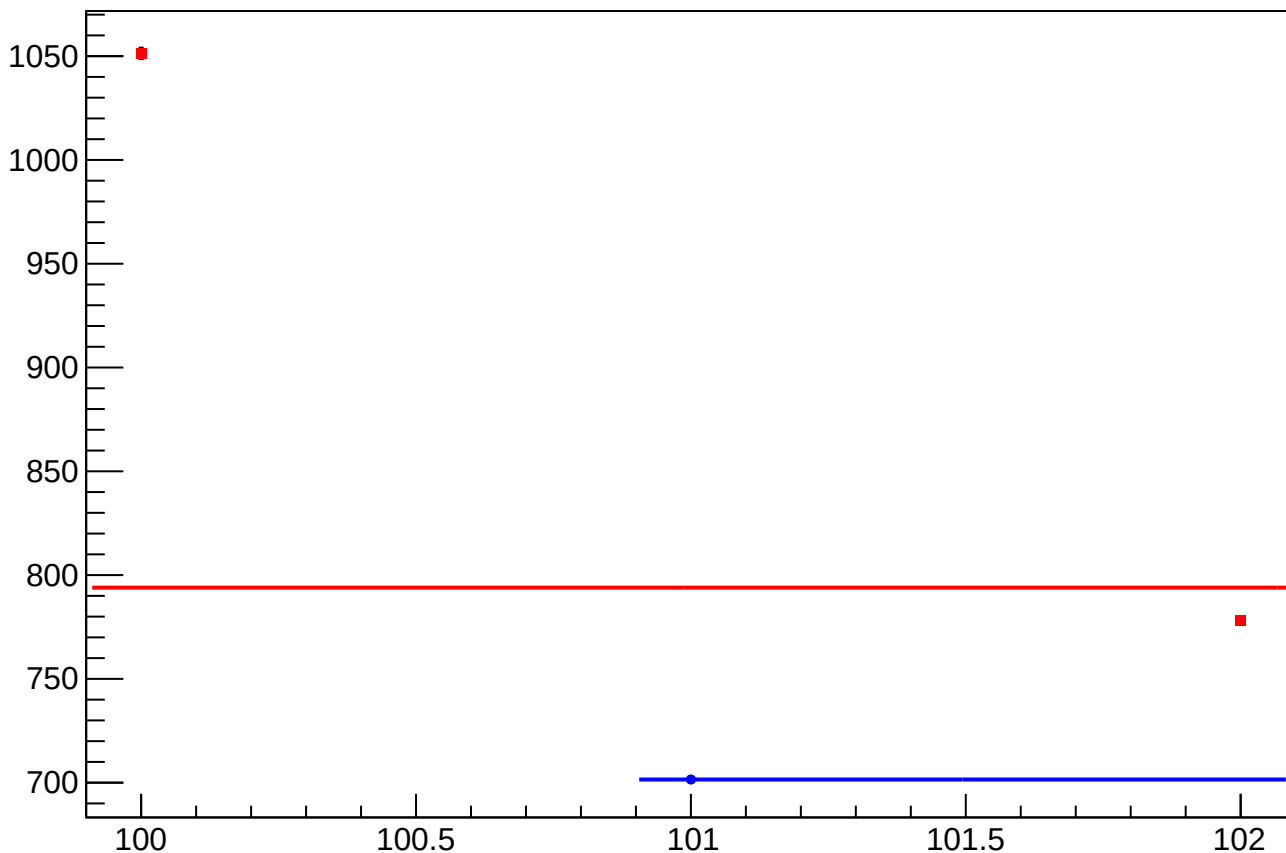
Right: 1078.892+/-637.607 χ^2/NDF : 6.8/2

In: 2023.676+/-868.788 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1078.892+/-637.607 χ^2/NDF : 6.8/2

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 701.518 $\pm$ 0.614 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 793.964 $\pm$ 0.664 χ^2 /NDF: 9204.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

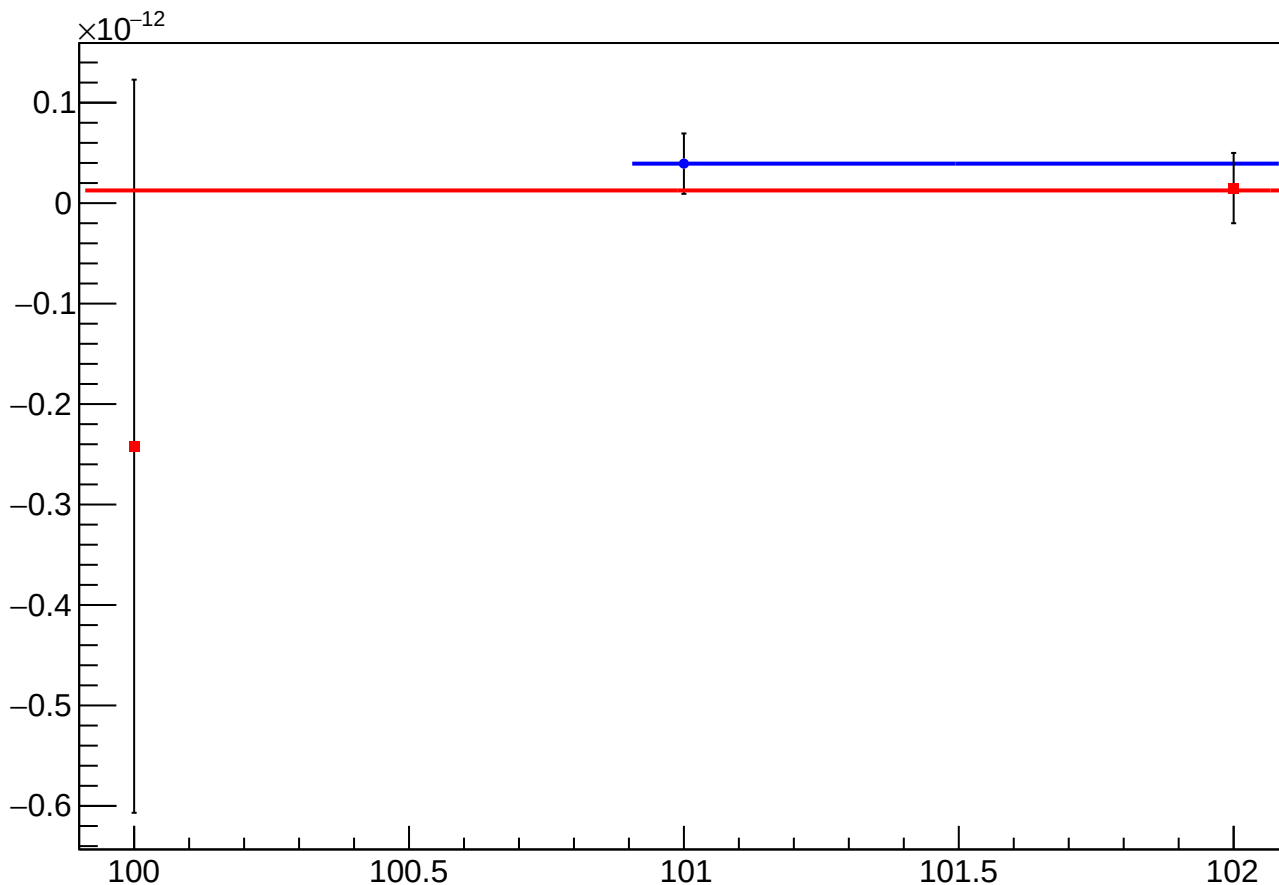
Right: 744.171 $\pm$ 0.451 χ^2 /NDF: 19652.2/2

In: 701.518 $\pm$ 0.614 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 744.171 $\pm$ 0.451 χ^2 /NDF: 19652.2/2

asym_sam_37_dd_reg_vs_cor_diff_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 : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

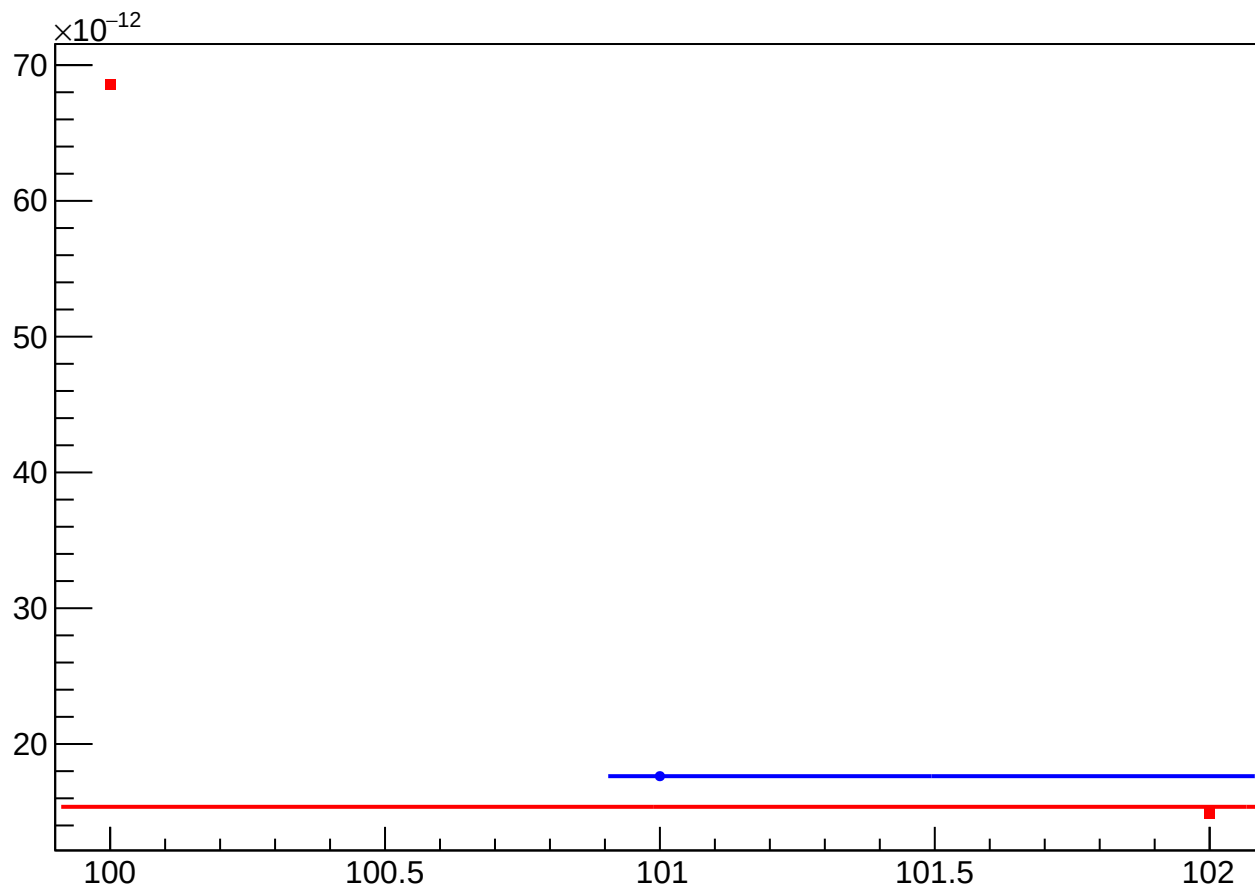
Right: 0.000+/-0.000 χ^2/NDF : 0.8/2

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 : 0.8/2

asym_sam_37_dd_reg_vs_cor_diff_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 : 42941.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

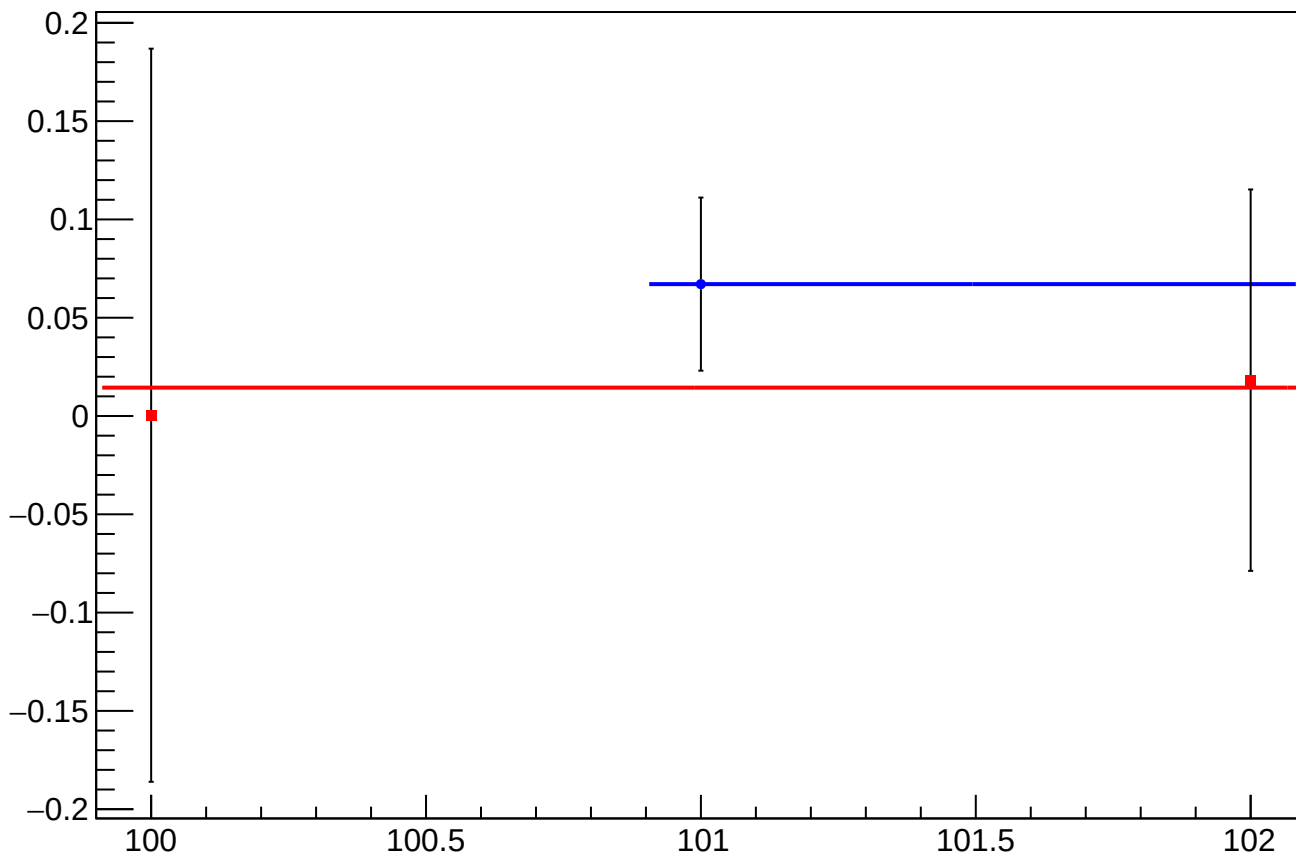
Right: 0.000+/-0.000 χ^2/NDF : 47754.6/2

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 : 47754.6/2

asym_sam_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.067 $\pm$ 0.044 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.014 $\pm$ 0.086 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

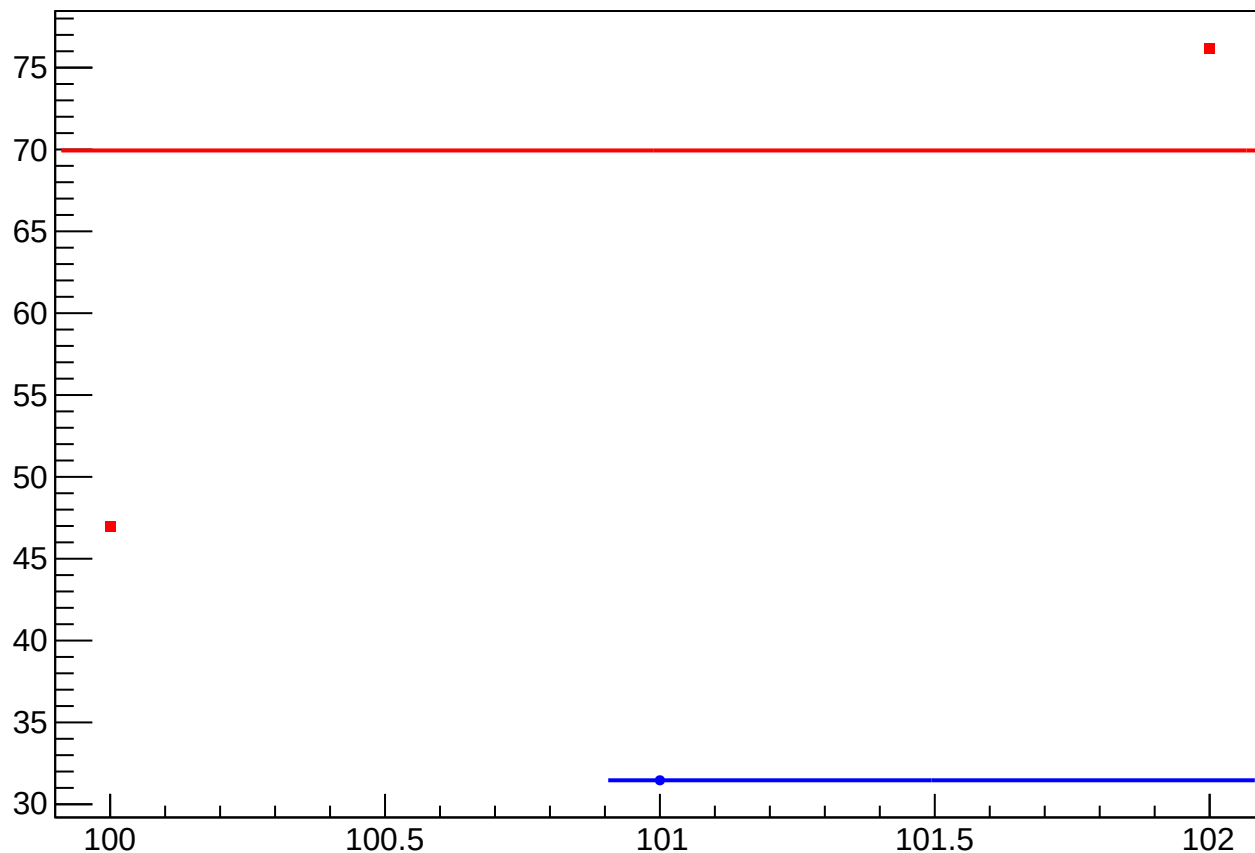
Right: 0.056 $\pm$ 0.039 χ^2 /NDF: 0.3/2

In: 0.067 $\pm$ 0.044 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.056 $\pm$ 0.039 χ^2 /NDF: 0.3/2

asym_sam_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.465 $\pm$ 0.031 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 69.940 $\pm$ 0.061 χ^2 /NDF: 38480.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

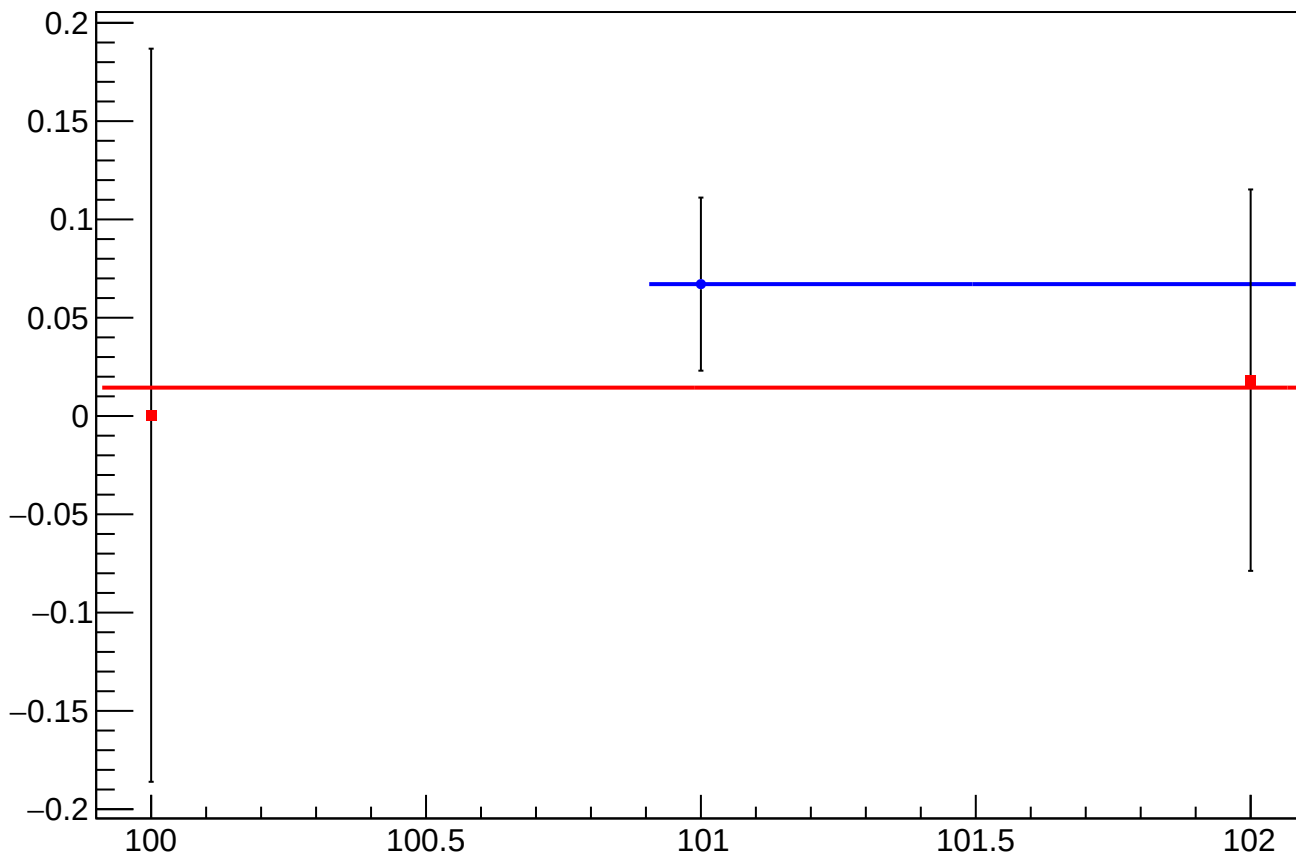
Right: 39.446 $\pm$ 0.028 χ^2 /NDF: 355317.0/2

In: 31.465 $\pm$ 0.031 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.446 $\pm$ 0.028 χ^2 /NDF: 355317.0/2

asym_sam_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.067 $\pm$ 0.044 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.014 $\pm$ 0.086 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

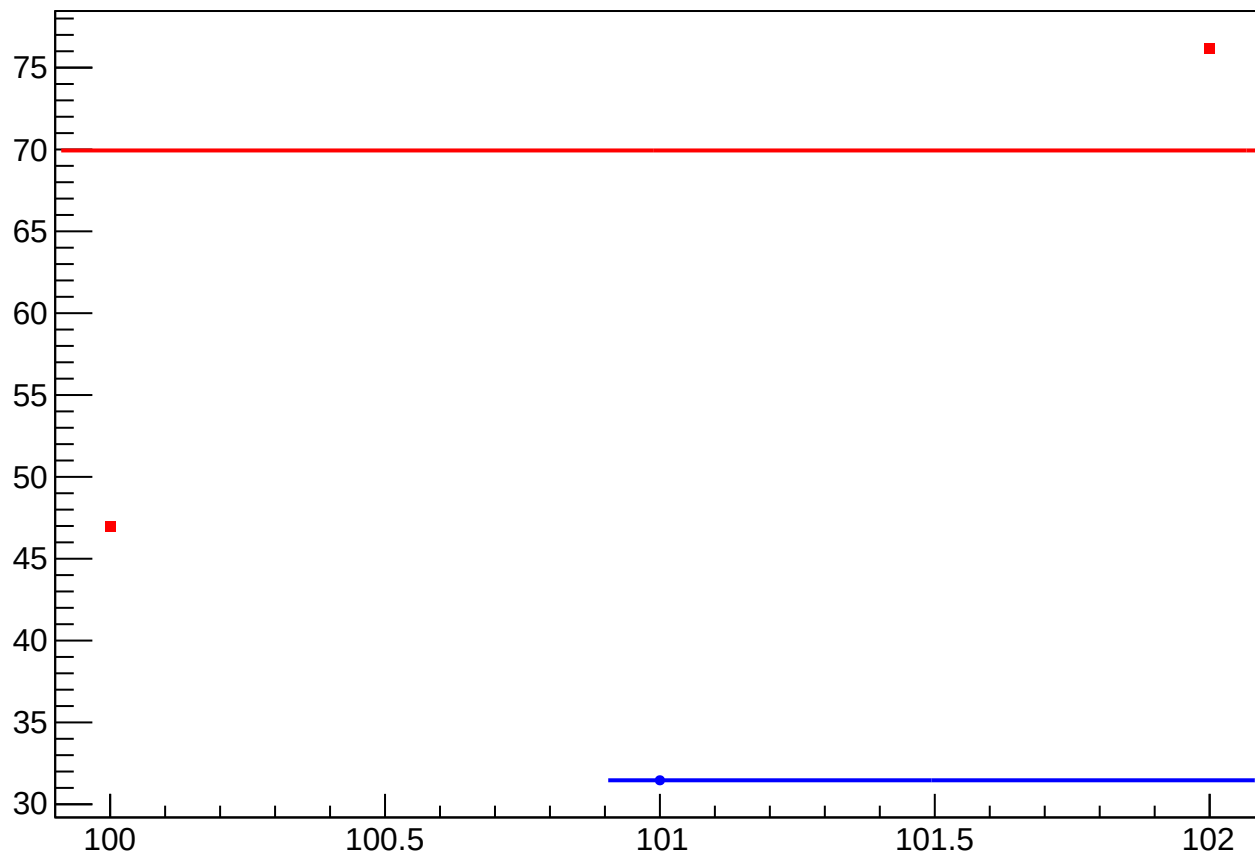
Right: 0.056 $\pm$ 0.039 χ^2 /NDF: 0.3/2

In: 0.067 $\pm$ 0.044 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.056 $\pm$ 0.039 χ^2 /NDF: 0.3/2

asym_sam_37_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.465 $\pm$ 0.031 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 69.940 $\pm$ 0.061 χ^2 /NDF: 38480.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

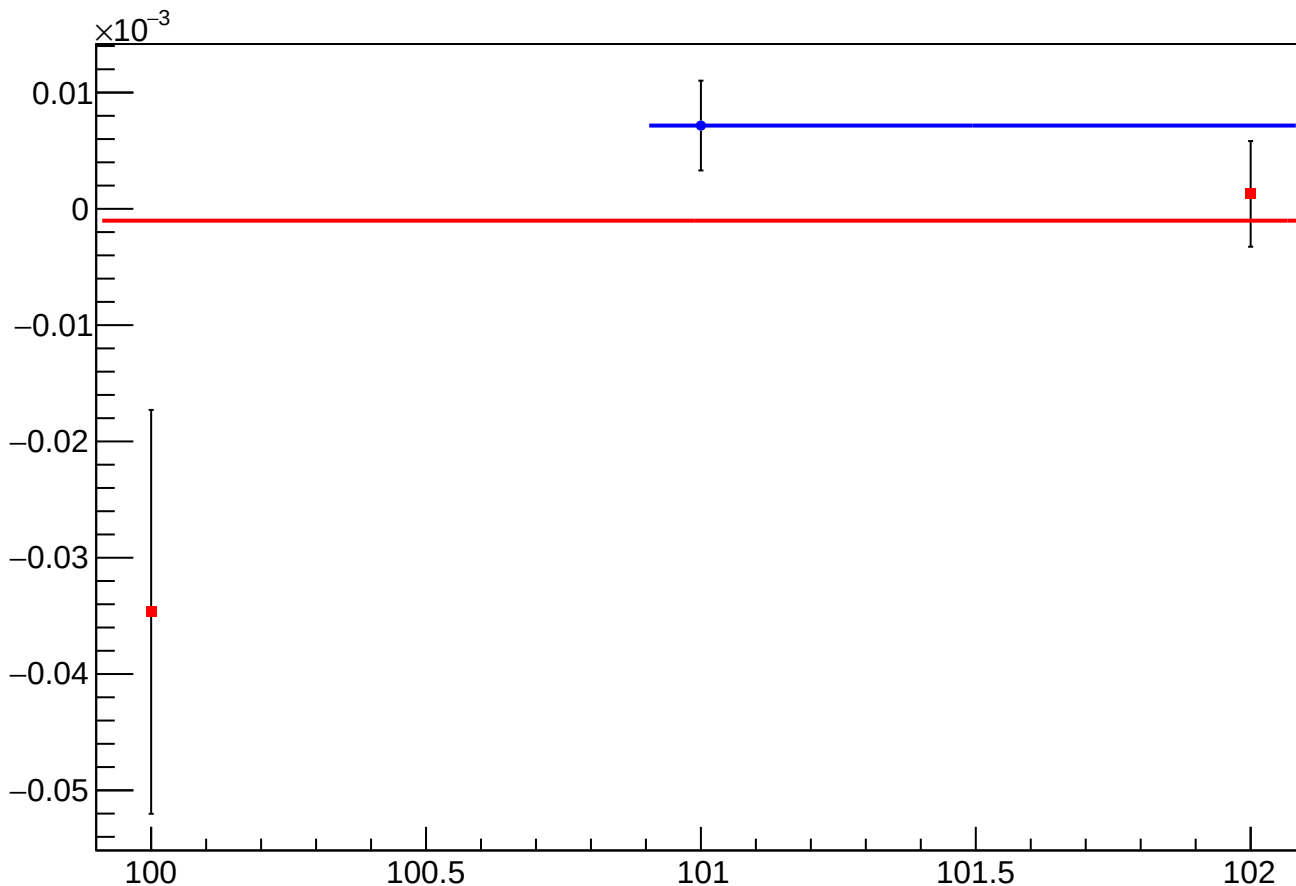
Right: 39.446 $\pm$ 0.028 χ^2 /NDF: 355317.0/2

In: 31.465 $\pm$ 0.031 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.446 $\pm$ 0.028 χ^2 /NDF: 355317.0/2

asym_sam_37_dd_eigen_dit_vs_dit_diff_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 : 4.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

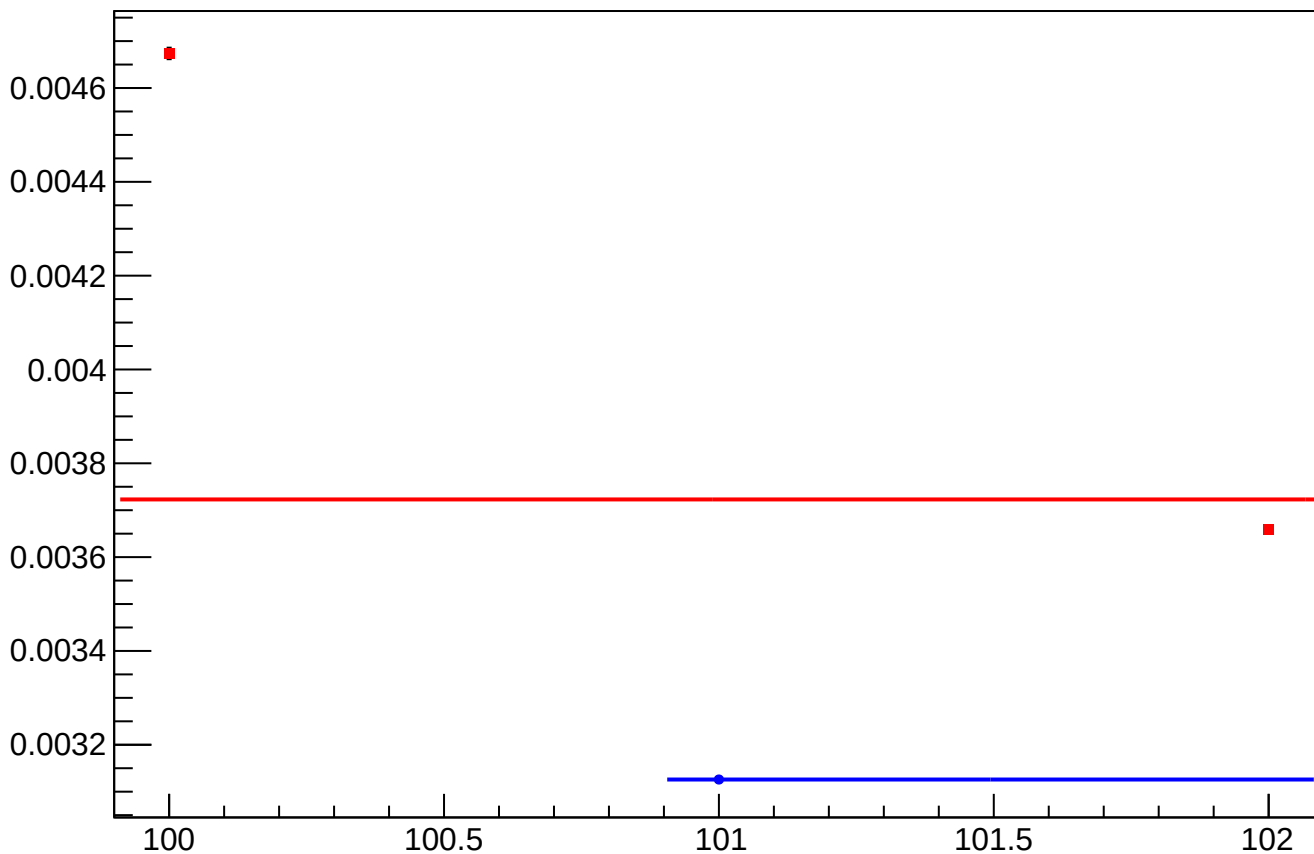
Right: 0.000+/-0.000 χ^2/NDF : 6.0/2

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 : 6.0/2

asym_sam_37_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 6406.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

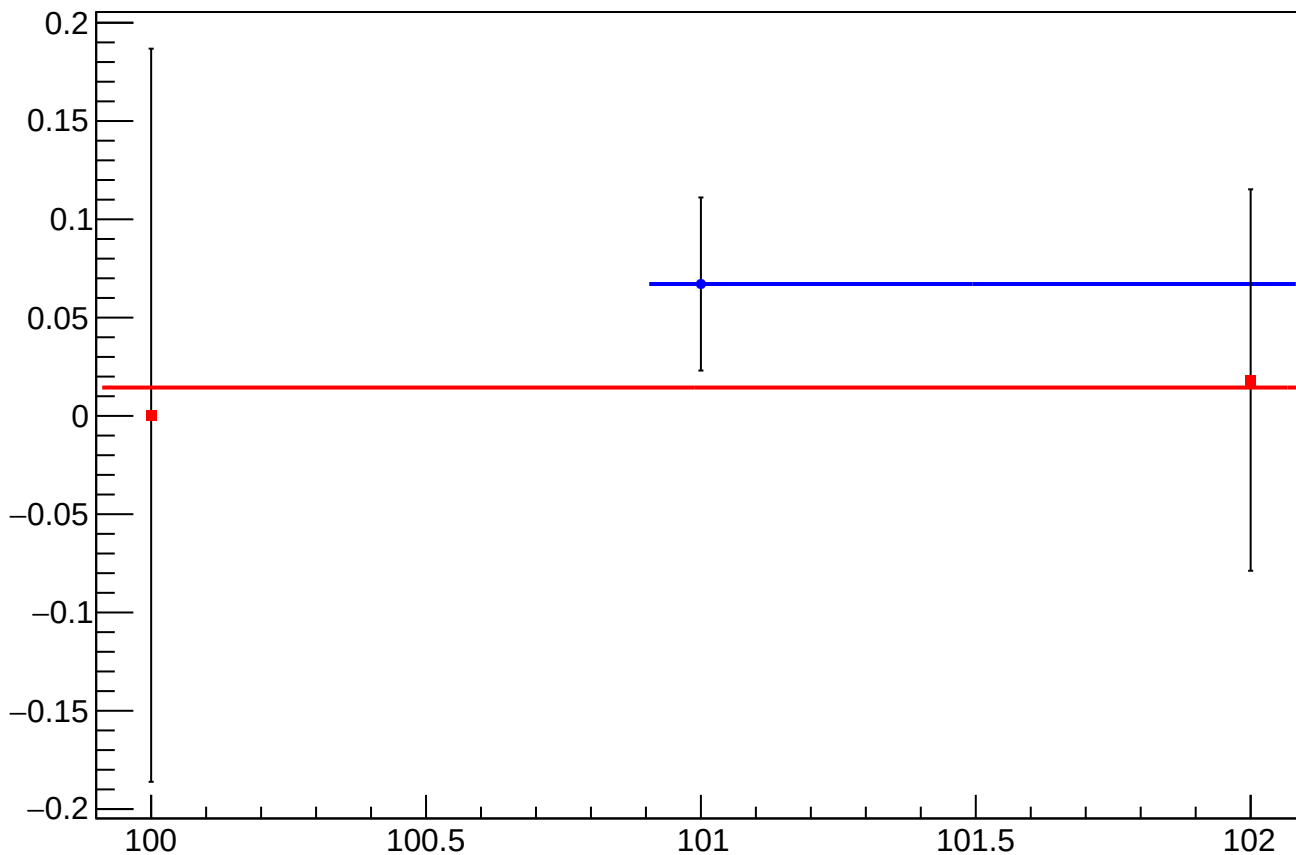
Right: 0.003+/-0.000 χ^2/NDF : 27242.5/2

In: 0.003+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 27242.5/2

asym_sam_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.067+/-0.044 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.086 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

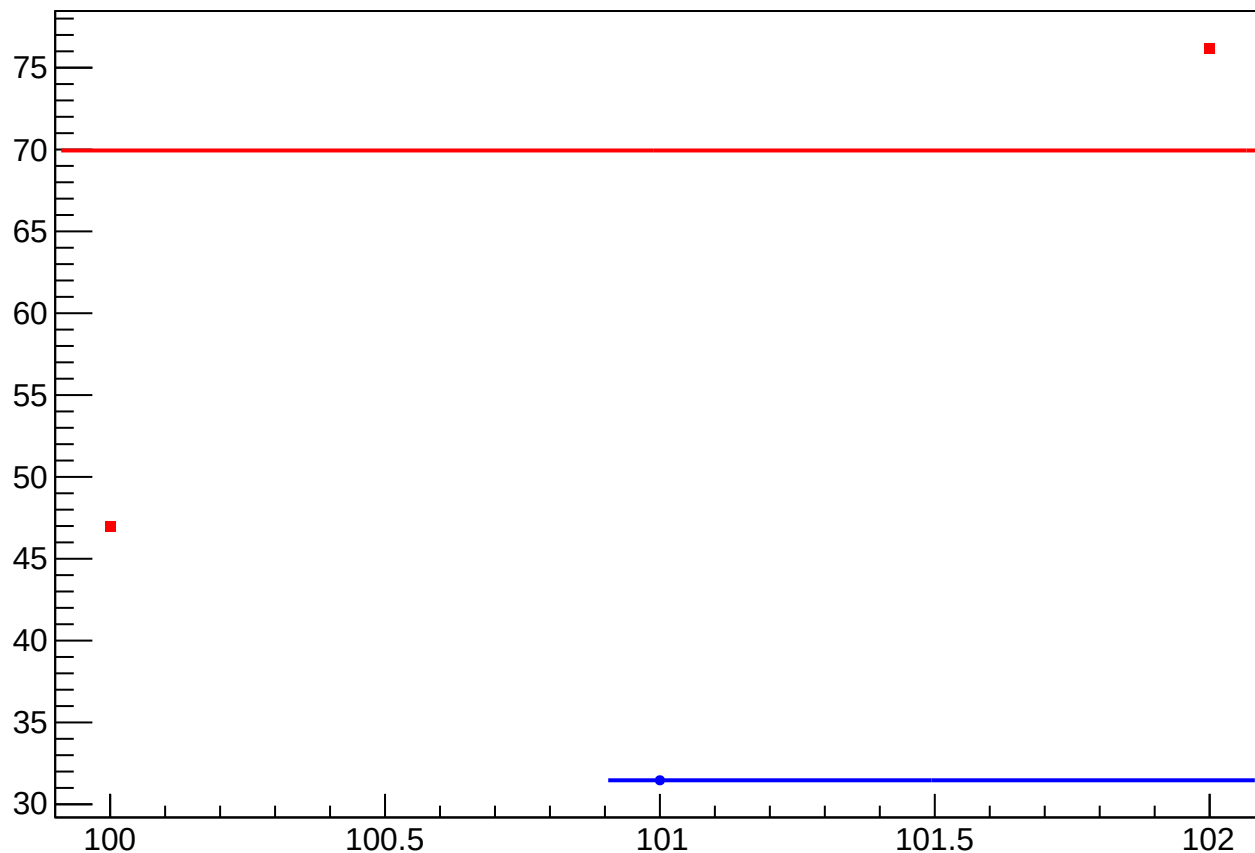
Right: 0.056+/-0.039 χ^2/NDF : 0.3/2

In: 0.067+/-0.044 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.056+/-0.039 χ^2/NDF : 0.3/2

asym_sam_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.466+/-0.031 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.943+/-0.061 χ^2/NDF : 38489.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

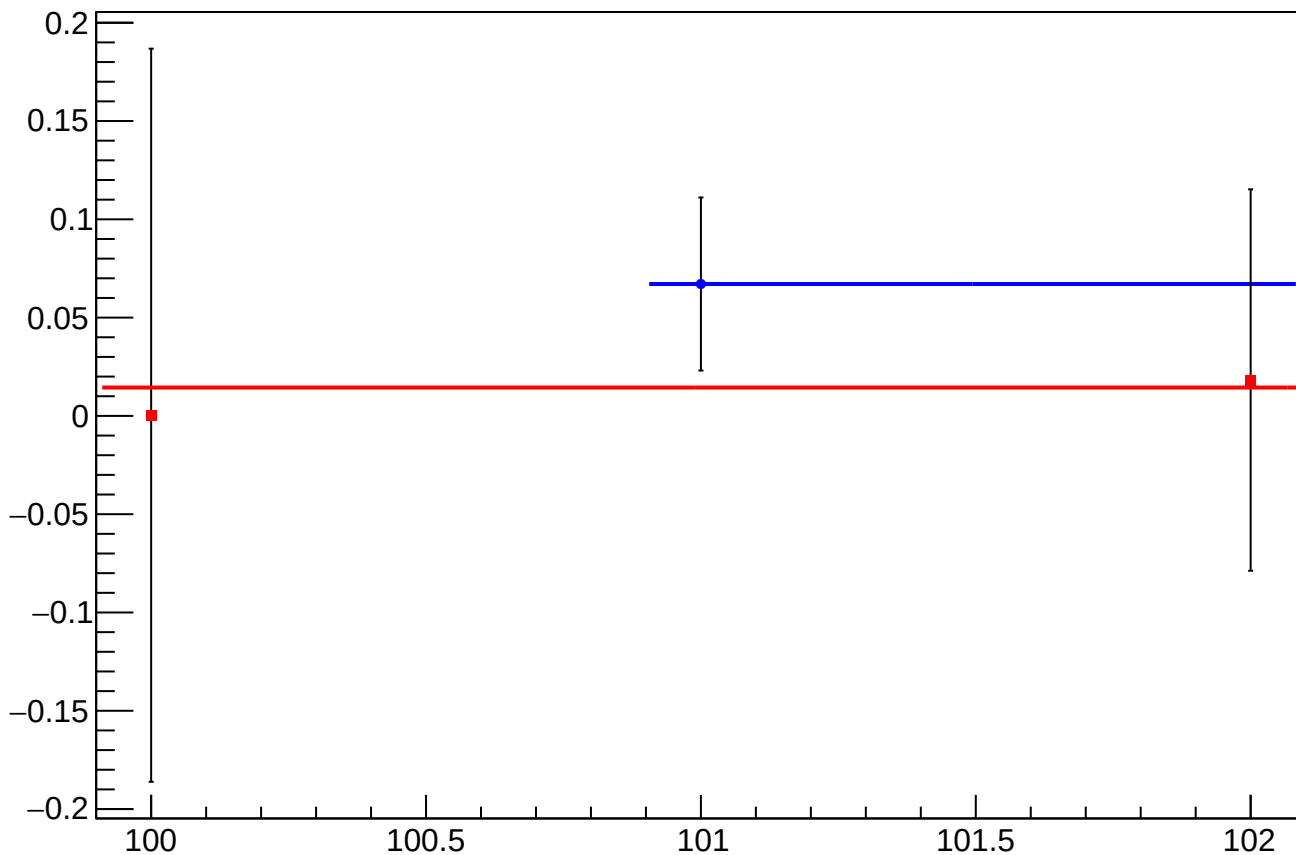
Right: 39.447+/-0.028 χ^2/NDF : 355319.6/2

In: 31.466+/-0.031 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.447+/-0.028 χ^2/NDF : 355319.6/2

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.067 $\pm$ 0.044 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.014 $\pm$ 0.086 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

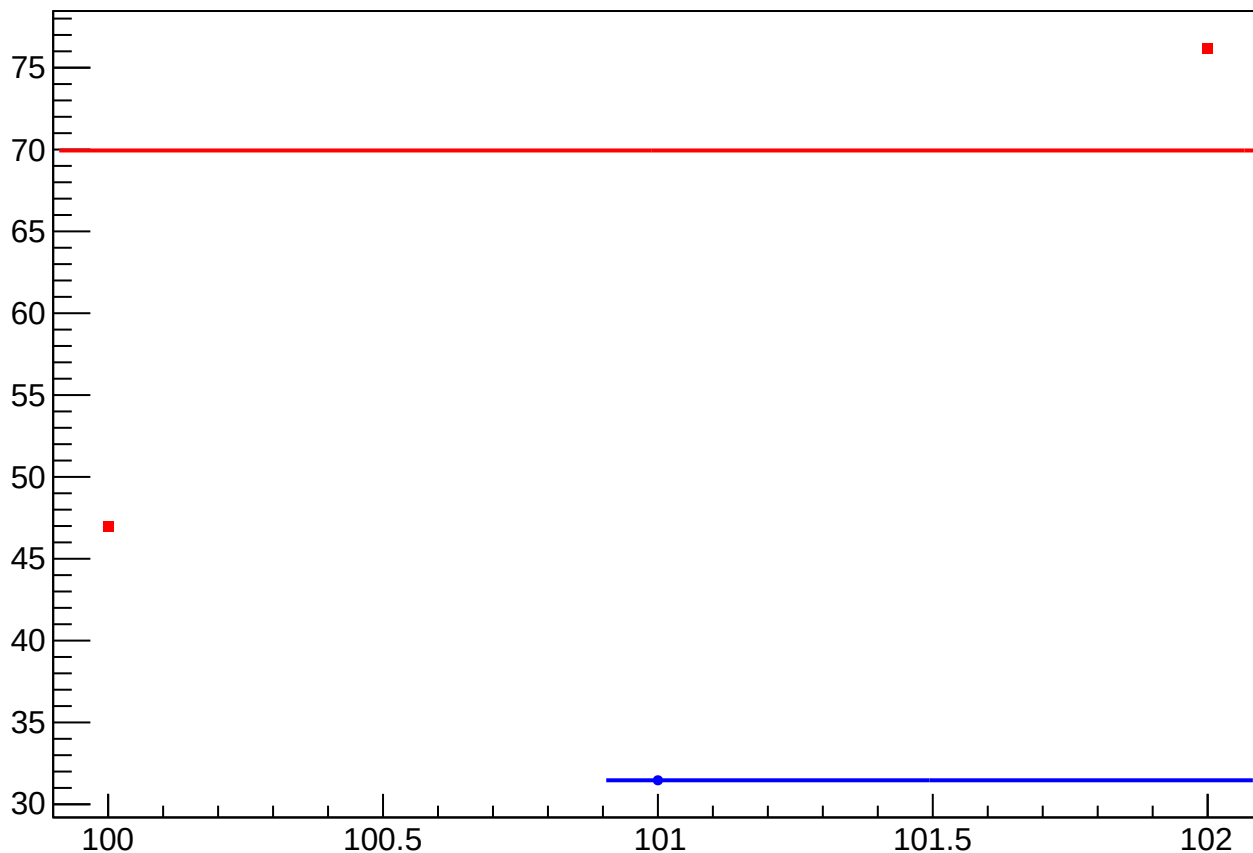
Right: 0.056 $\pm$ 0.039 χ^2 /NDF: 0.3/2

In: 0.067 $\pm$ 0.044 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.056 $\pm$ 0.039 χ^2 /NDF: 0.3/2

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.466 $\pm$ 0.031 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 69.943 $\pm$ 0.061 χ^2 /NDF: 38489.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

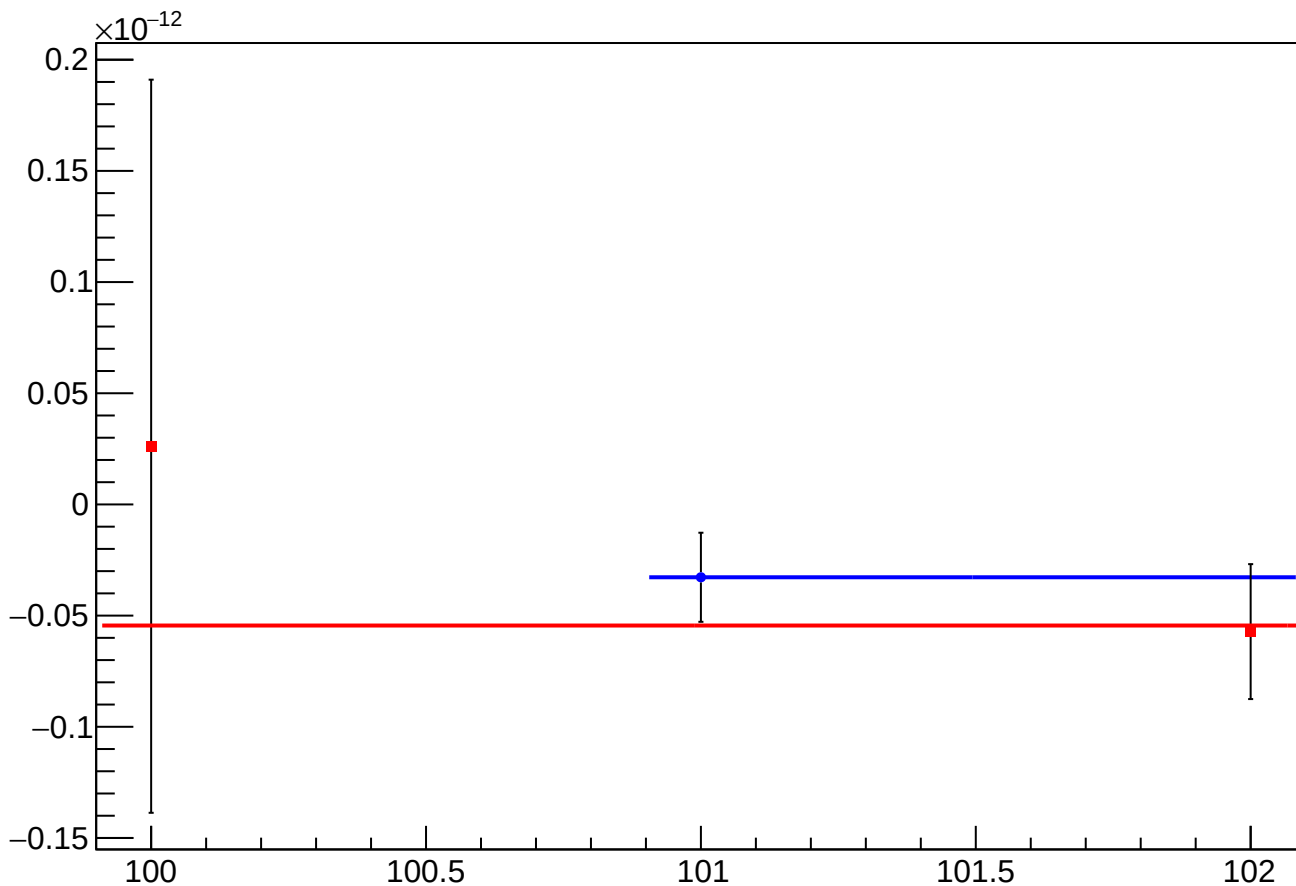
Right: 39.447 $\pm$ 0.028 χ^2 /NDF: 355319.6/2

In: 31.466 $\pm$ 0.031 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.447 $\pm$ 0.028 χ^2 /NDF: 355319.6/2

asym_sam_37_dd_eigen_cor_vs_cor_diff_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 : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

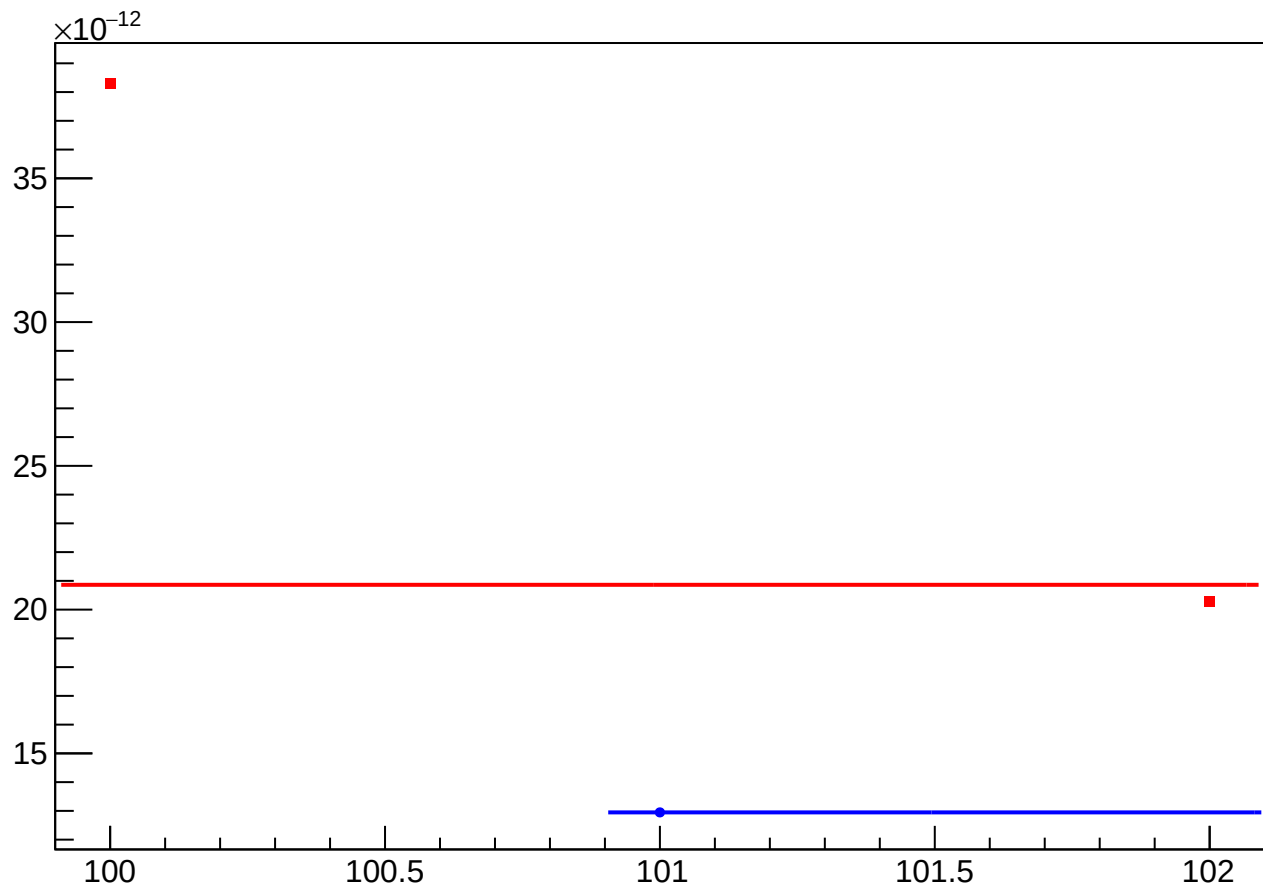
Right: -0.000+/-0.000 χ^2/NDF : 0.6/2

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 : 0.6/2

asym_sam_37_dd_eigen_cor_vs_cor_diff_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 : 23172.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

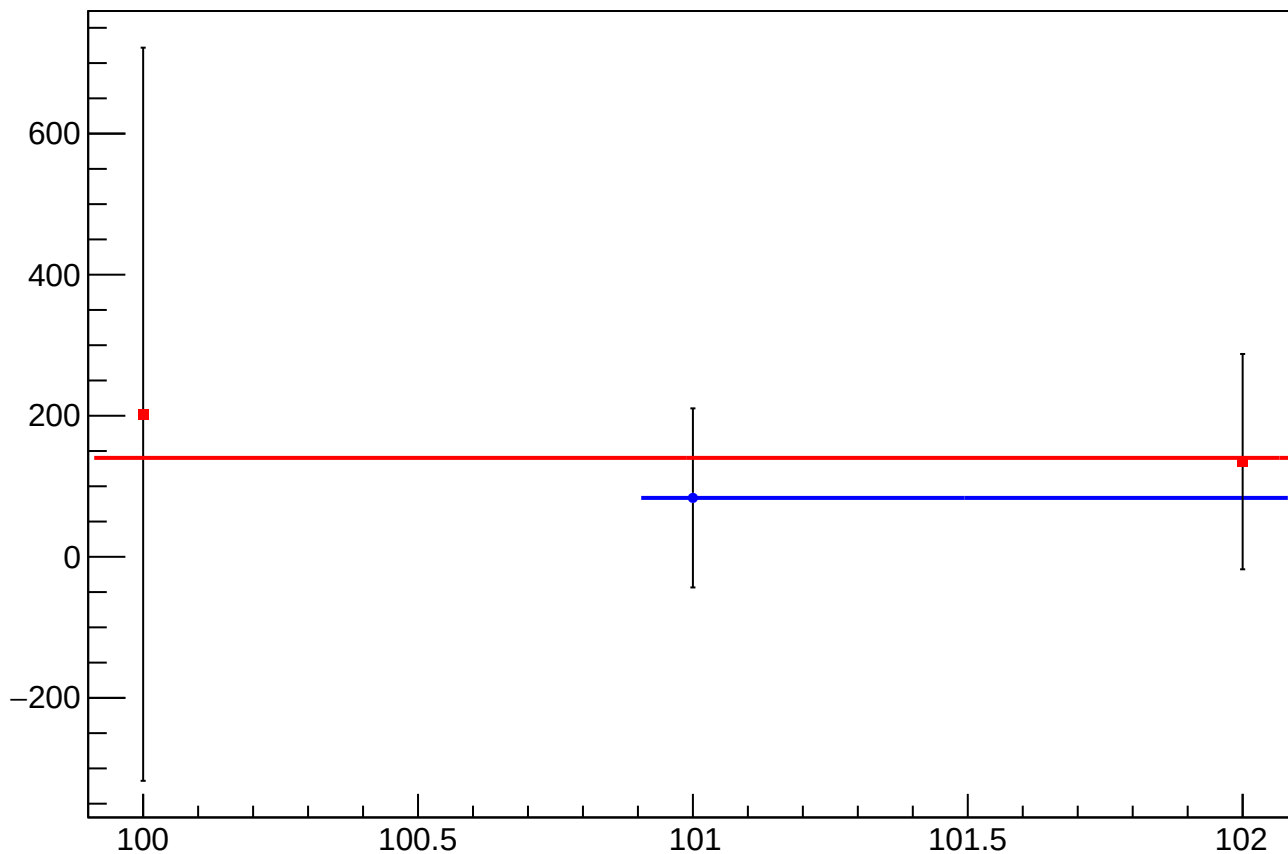
Right: 0.000+/-0.000 χ^2/NDF : 120172.5/2

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 : 120172.5/2

reg_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 83.524+/-126.946 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 140.265+/-146.461 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

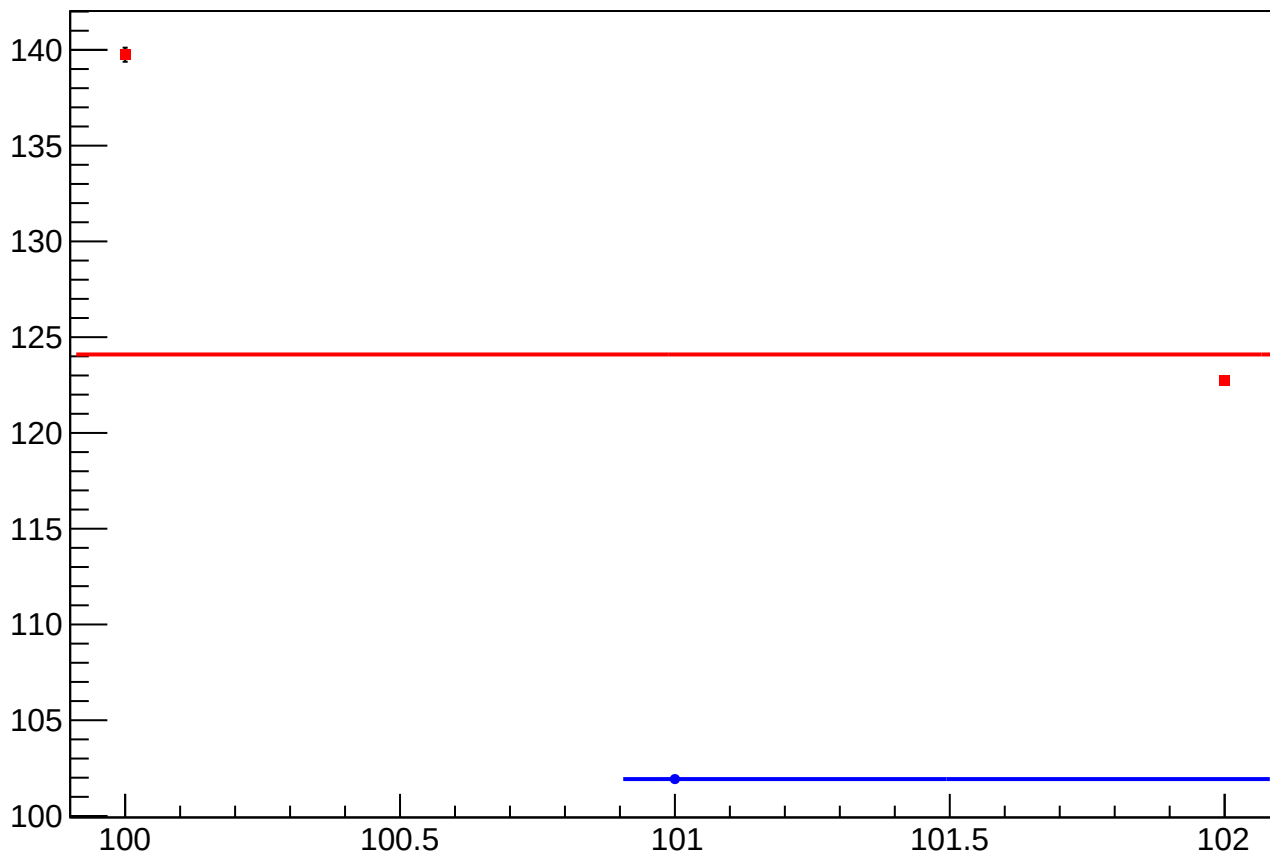
Right: 107.865+/-95.927 χ^2/NDF : 0.1/2

In: 83.524+/-126.946 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.865+/-95.927 χ^2/NDF : 0.1/2

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 101.928+/-0.090 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.097+/-0.104 χ^2/NDF : 1970.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

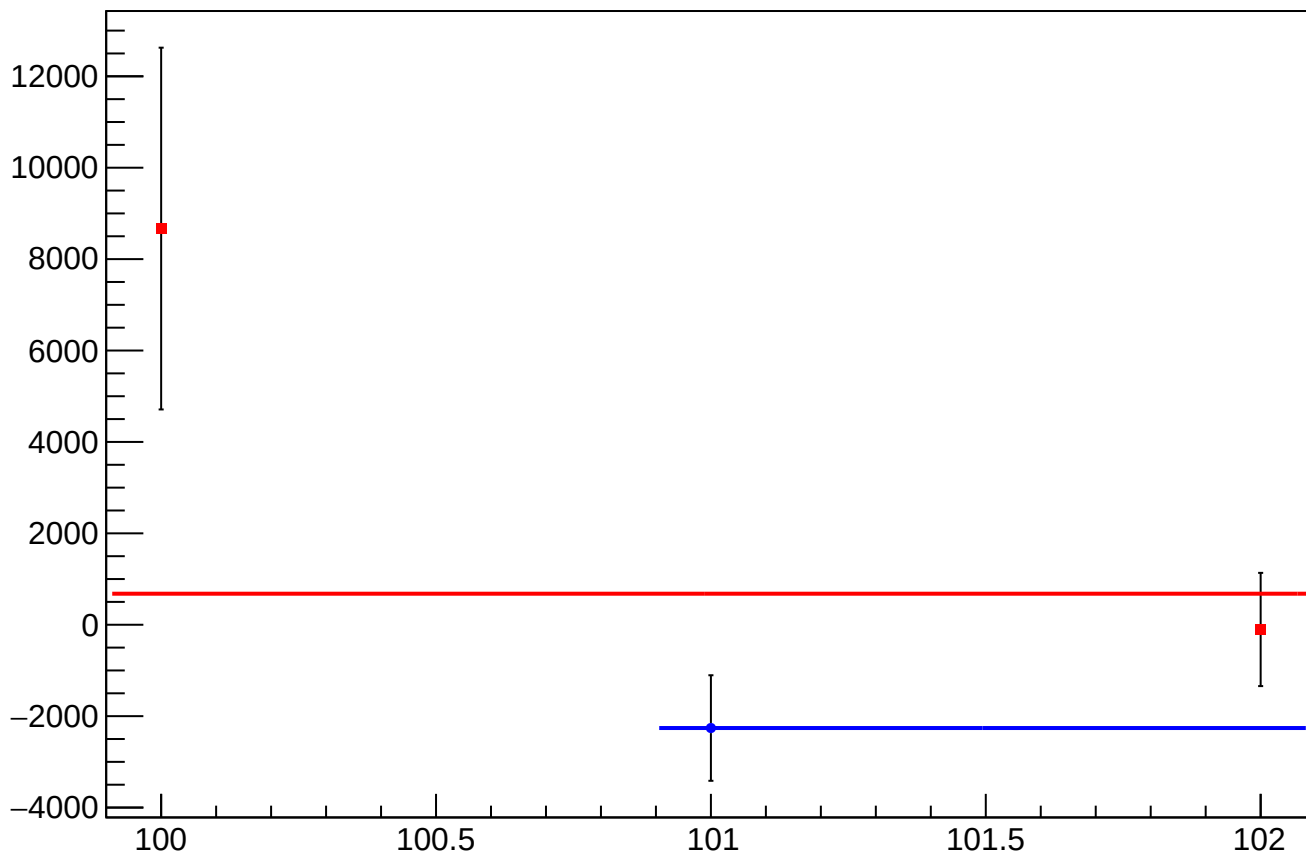
Right: 111.438+/-0.068 χ^2/NDF : 28136.3/2

In: 101.928+/-0.090 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.438+/-0.068 χ^2/NDF : 28136.3/2

asym_sam_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -2259.668+/-1154.706 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 679.194+/-1182.259 χ^2/NDF : 4.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

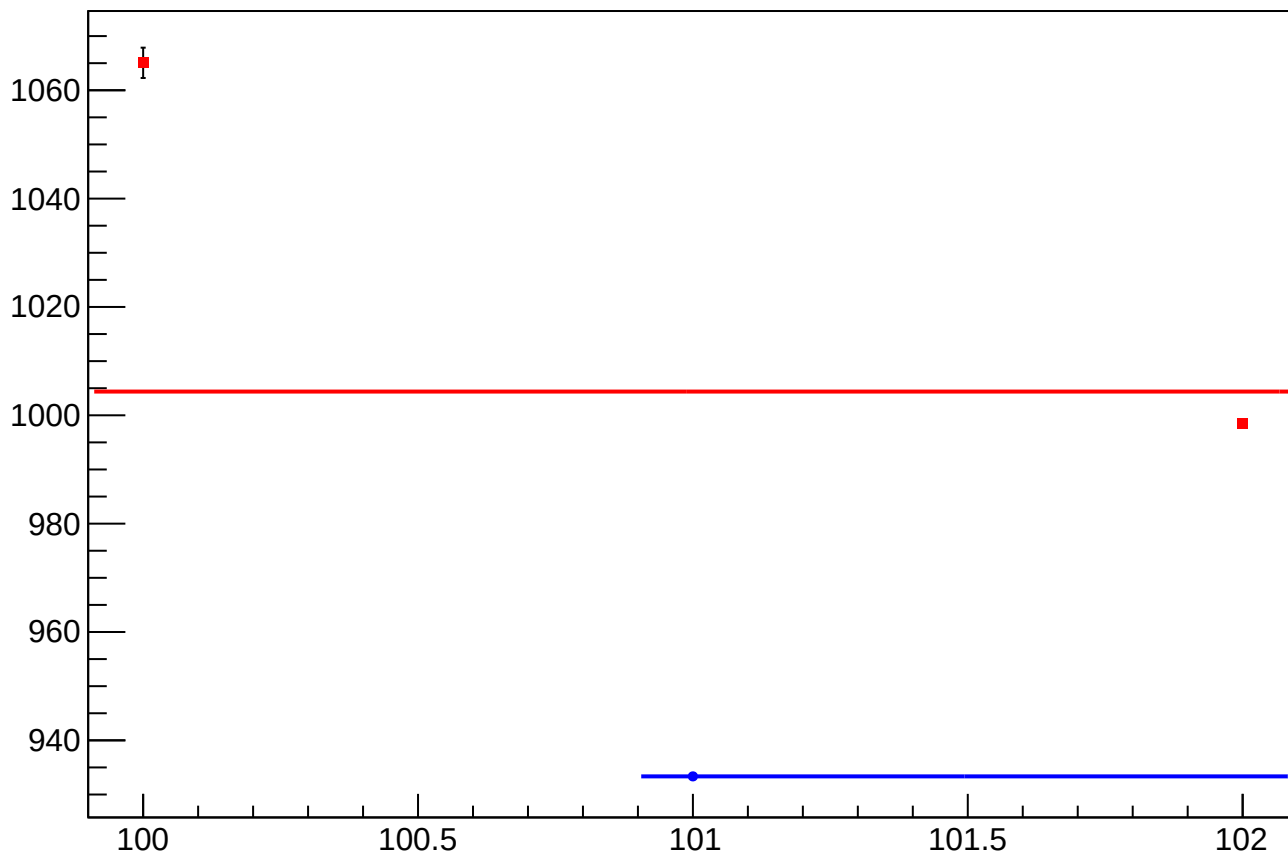
Right: -824.882+/-826.070 χ^2/NDF : 7.6/2

In: -2259.668+/-1154.706 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -824.882+/-826.070 χ^2/NDF : 7.6/2

asym_sam_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 933.349+/-0.817 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1004.382+/-0.836 χ^2/NDF : 516.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

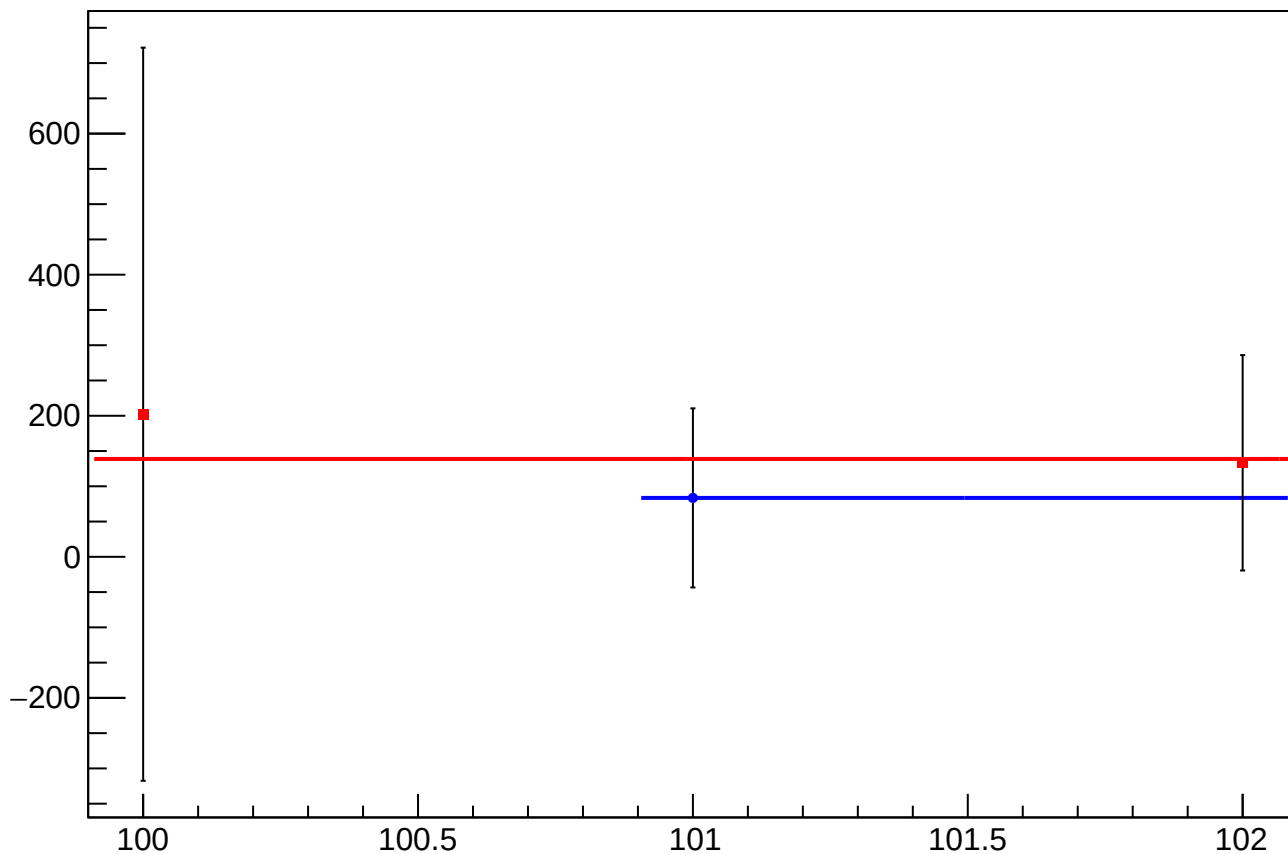
Right: 968.028+/-0.584 χ^2/NDF : 4211.2/2

In: 933.349+/-0.817 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 968.028+/-0.584 χ^2/NDF : 4211.2/2

cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 83.535 $\pm$ 126.946 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 138.772 $\pm$ 146.514 χ^2/NDF : 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

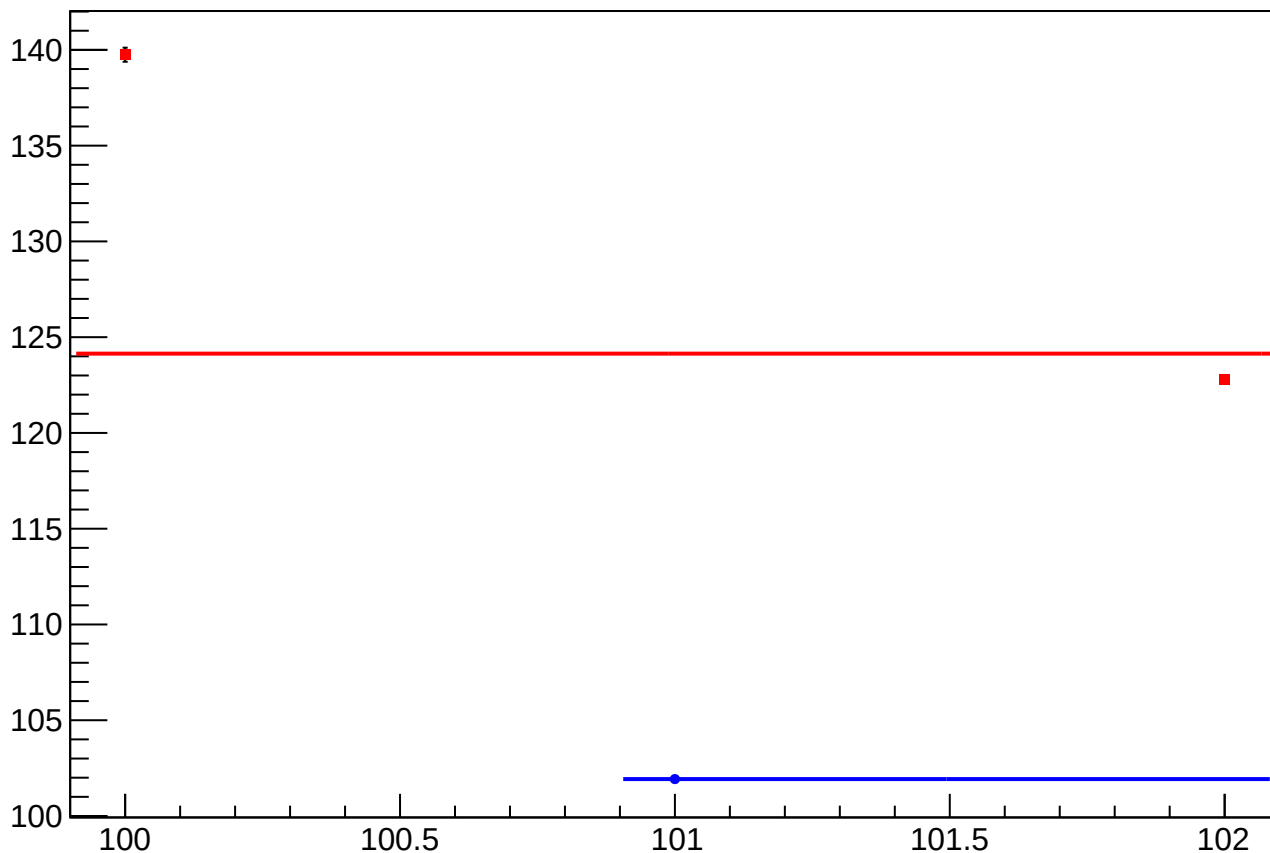
Right: 107.221 $\pm$ 95.942 χ^2/NDF : 0.1/2

In: 83.535 $\pm$ 126.946 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 107.221 $\pm$ 95.942 χ^2/NDF : 0.1/2

cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 101.928 $\pm$ 0.090 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 124.141 $\pm$ 0.104 χ^2 /NDF: 1959.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

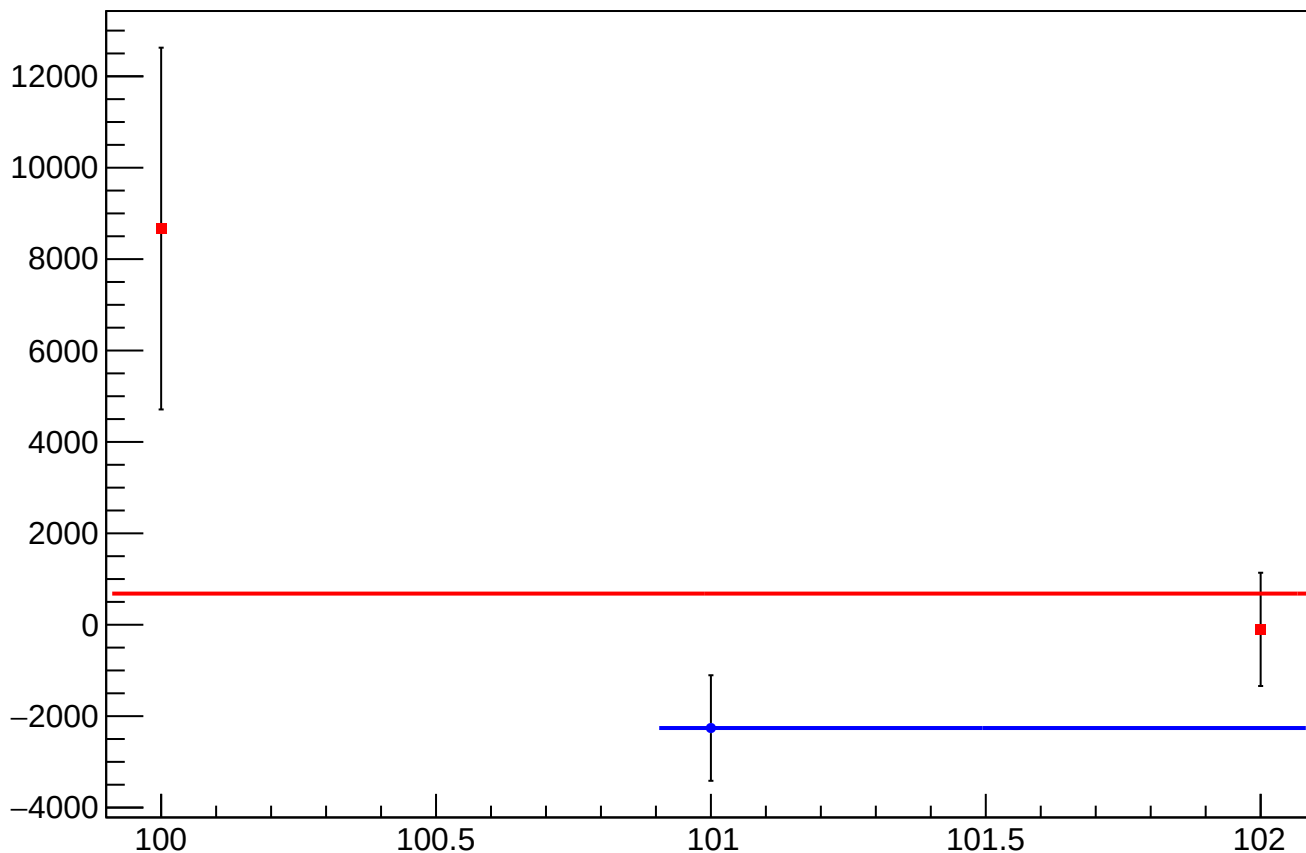
Right: 111.453 $\pm$ 0.068 χ^2 /NDF: 28218.1/2

In: 101.928 $\pm$ 0.090 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 111.453 $\pm$ 0.068 χ^2 /NDF: 28218.1/2

asym_sam_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -2259.659+/-1154.705 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 681.710+/-1182.583 χ^2 /NDF: 4.5/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

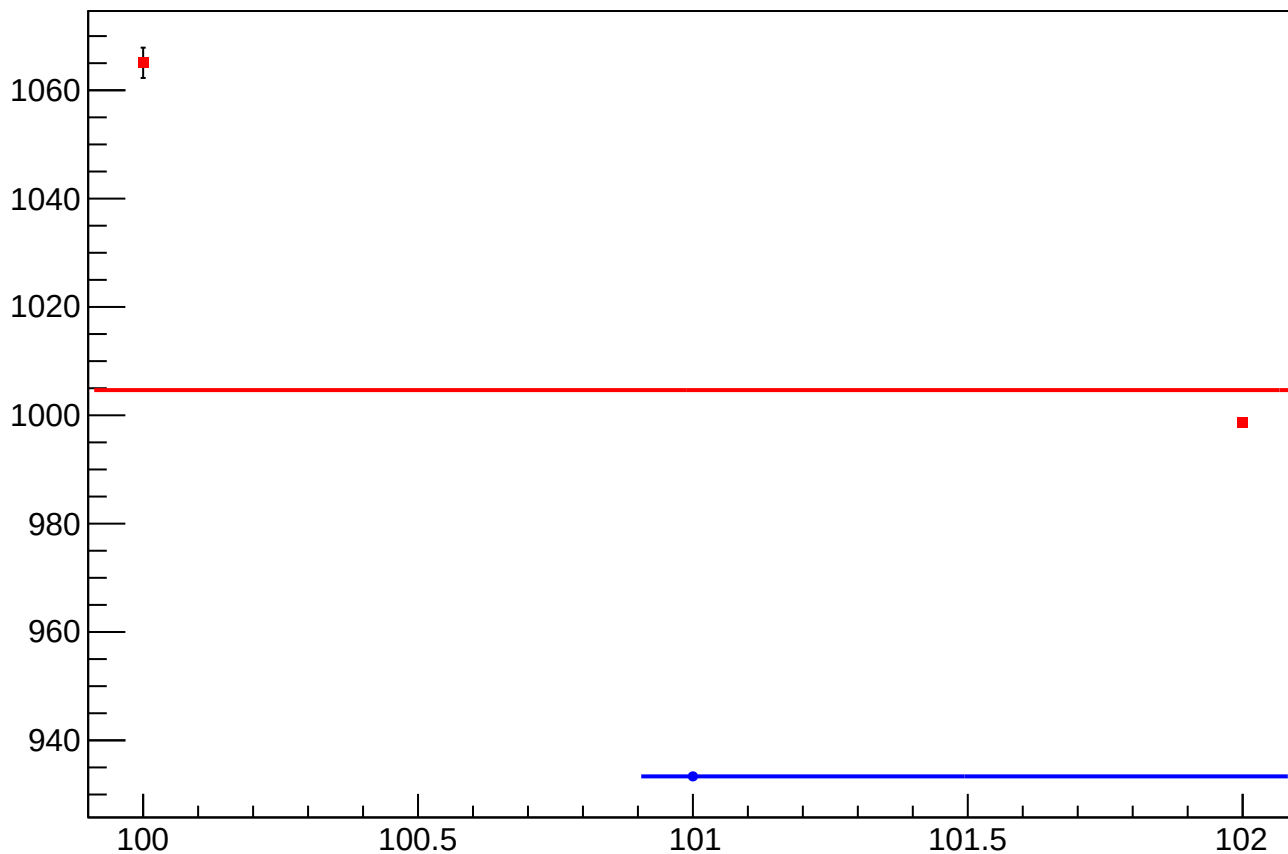
Right: -824.053+/-826.180 χ^2 /NDF: 7.6/2

In: -2259.659+/-1154.705 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -824.053+/-826.180 χ^2 /NDF: 7.6/2

asym_sam_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 933.348 $\pm$ 0.816 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1004.652 $\pm$ 0.836 χ^2 /NDF: 511.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

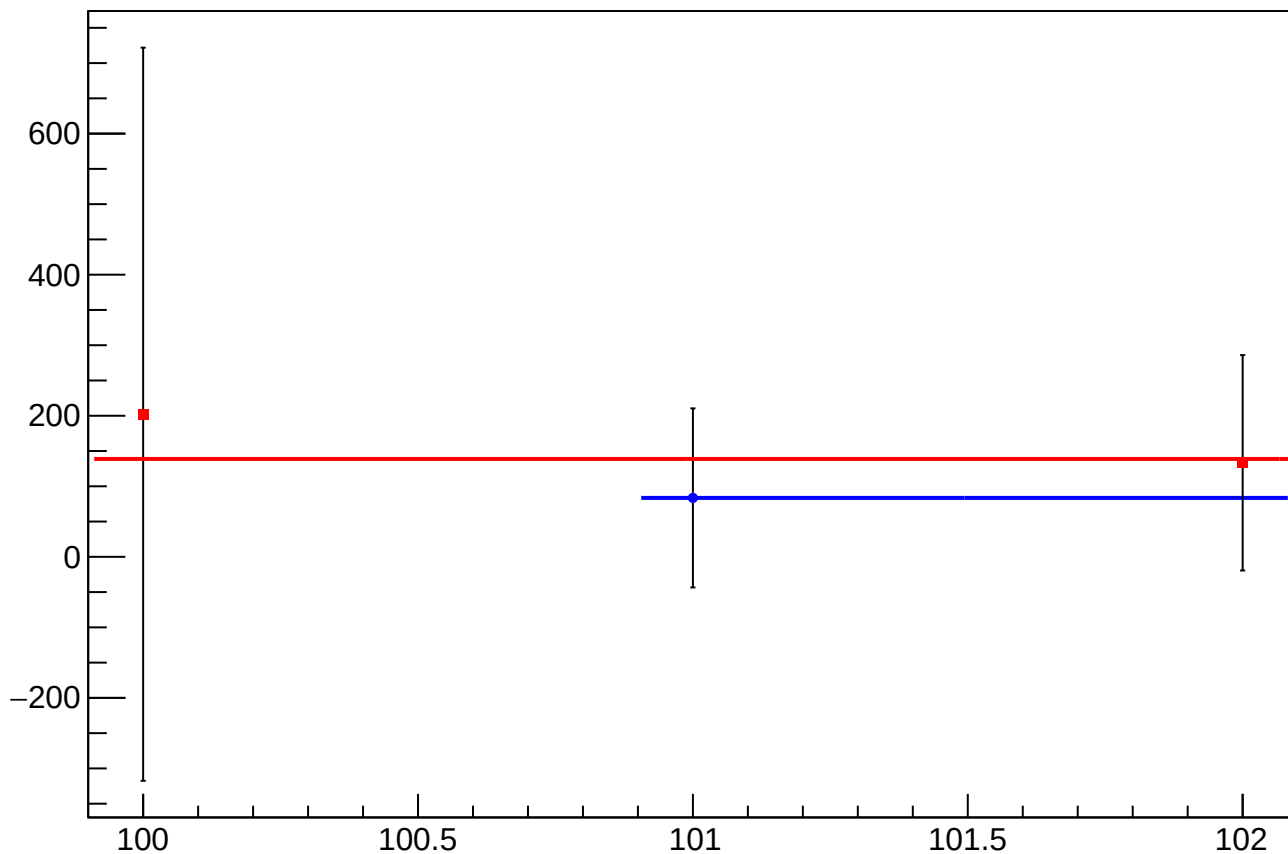
Right: 968.150 $\pm$ 0.584 χ^2 /NDF: 4233.8/2

In: 933.348 $\pm$ 0.816 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 968.150 $\pm$ 0.584 χ^2 /NDF: 4233.8/2

eigen_cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 83.535 $\pm$ 126.946 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 138.772 $\pm$ 146.514 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

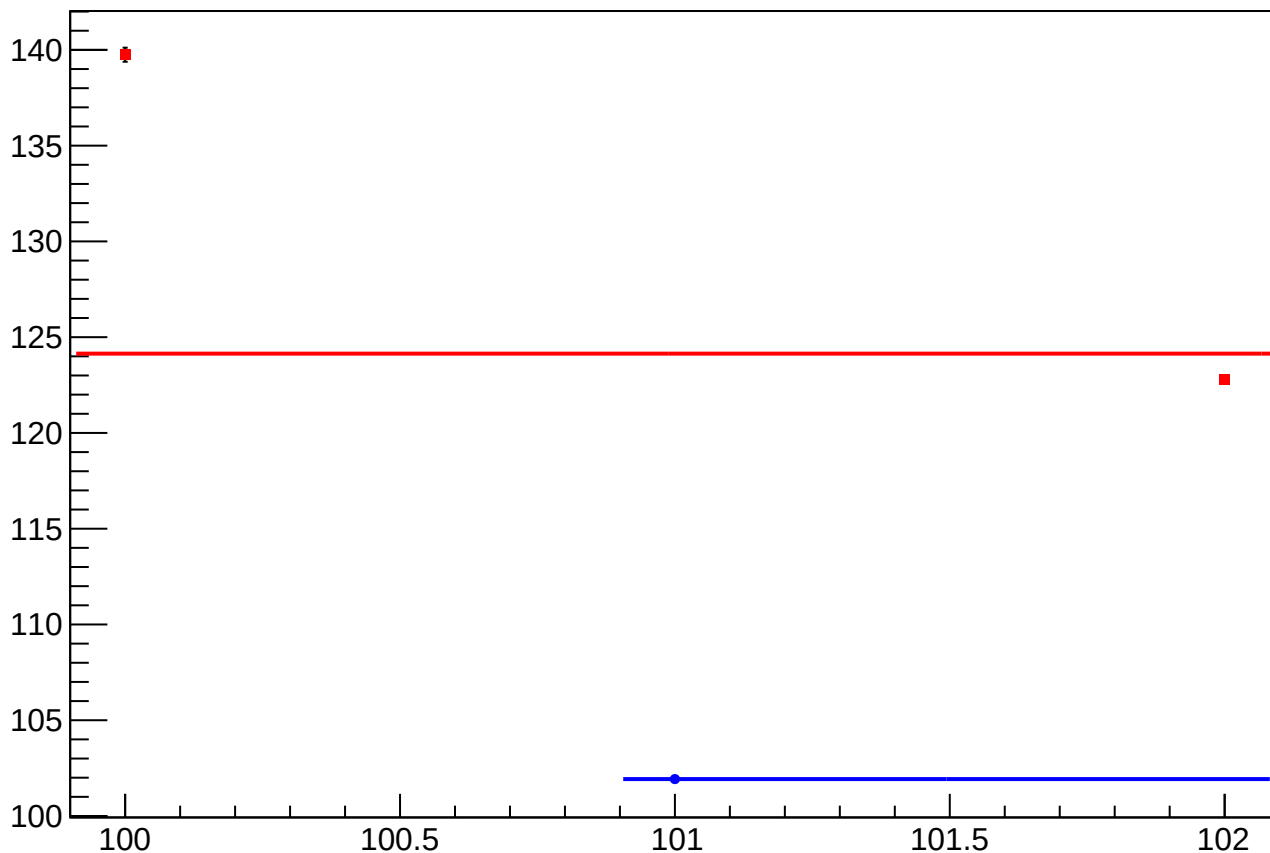
Right: 107.221 $\pm$ 95.942 χ^2 /NDF: 0.1/2

In: 83.535 $\pm$ 126.946 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 107.221 $\pm$ 95.942 χ^2 /NDF: 0.1/2

eigen_cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 101.928+/-0.090 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.141+/-0.104 χ^2/NDF : 1959.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

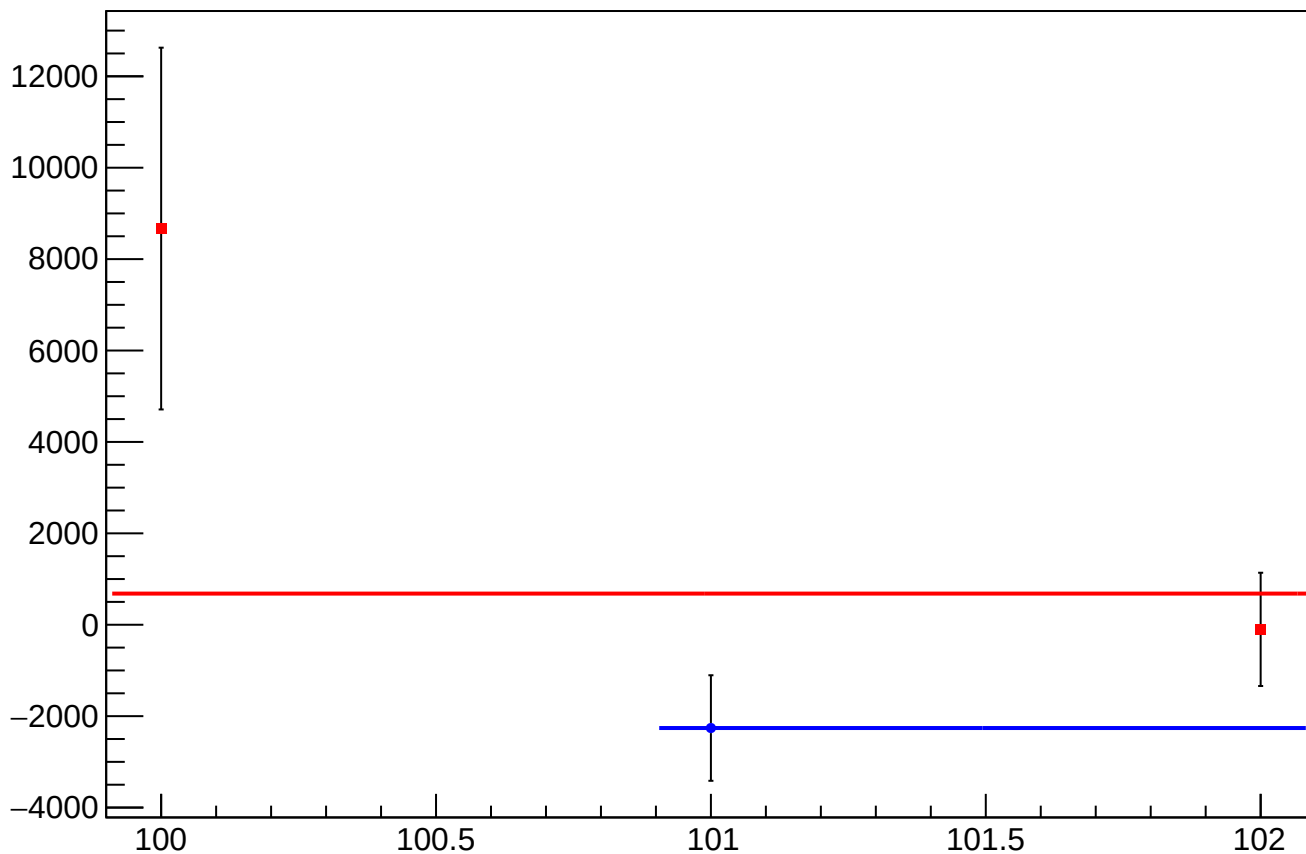
Right: 111.453+/-0.068 χ^2/NDF : 28218.1/2

In: 101.928+/-0.090 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.453+/-0.068 χ^2/NDF : 28218.1/2

asym_sam_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -2259.659 $\pm$ 1154.705 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 681.710 $\pm$ 1182.583 χ^2 /NDF: 4.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

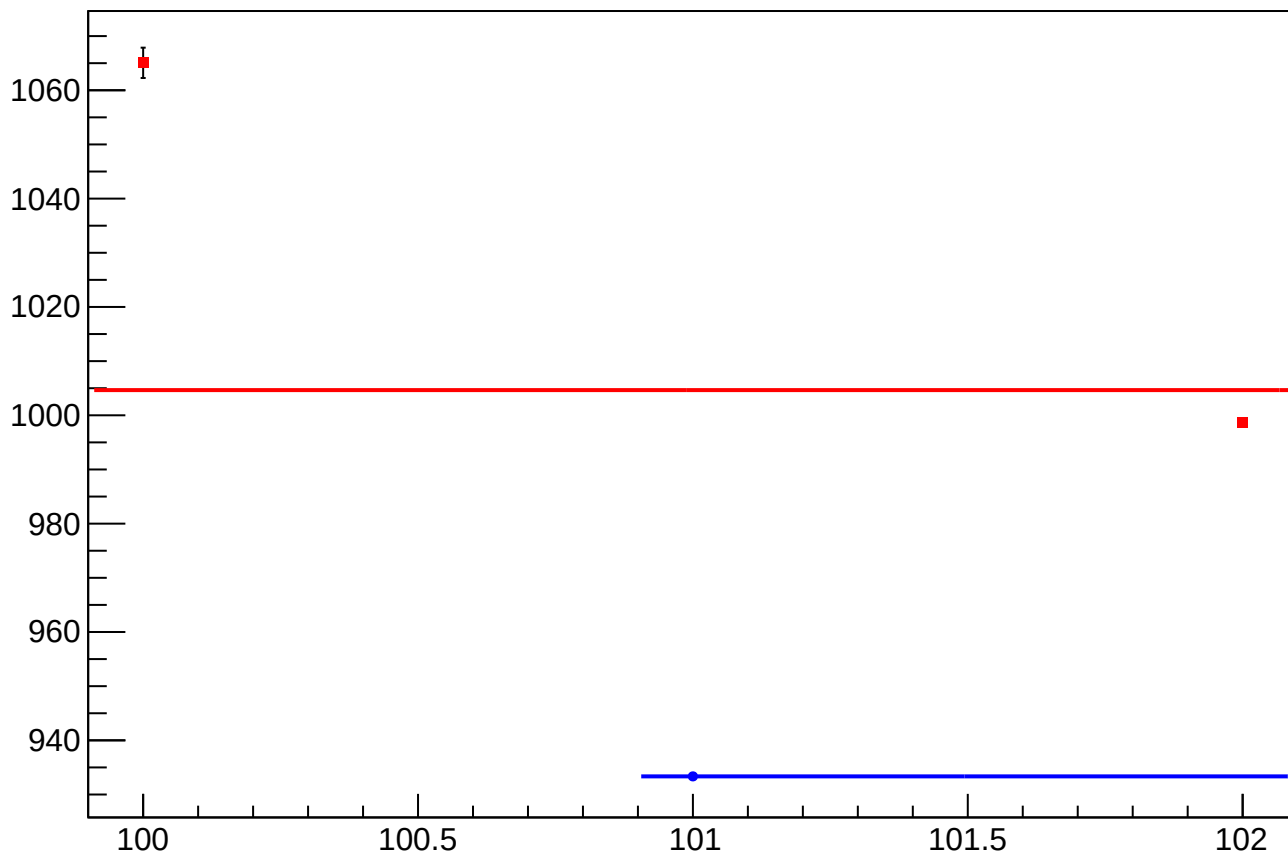
Right: -824.053 $\pm$ 826.180 χ^2 /NDF: 7.6/2

In: -2259.659 $\pm$ 1154.705 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -824.053 $\pm$ 826.180 χ^2 /NDF: 7.6/2

asym_sam_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 933.348 $\pm$ 0.816 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1004.652 $\pm$ 0.836 χ^2 /NDF: 511.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

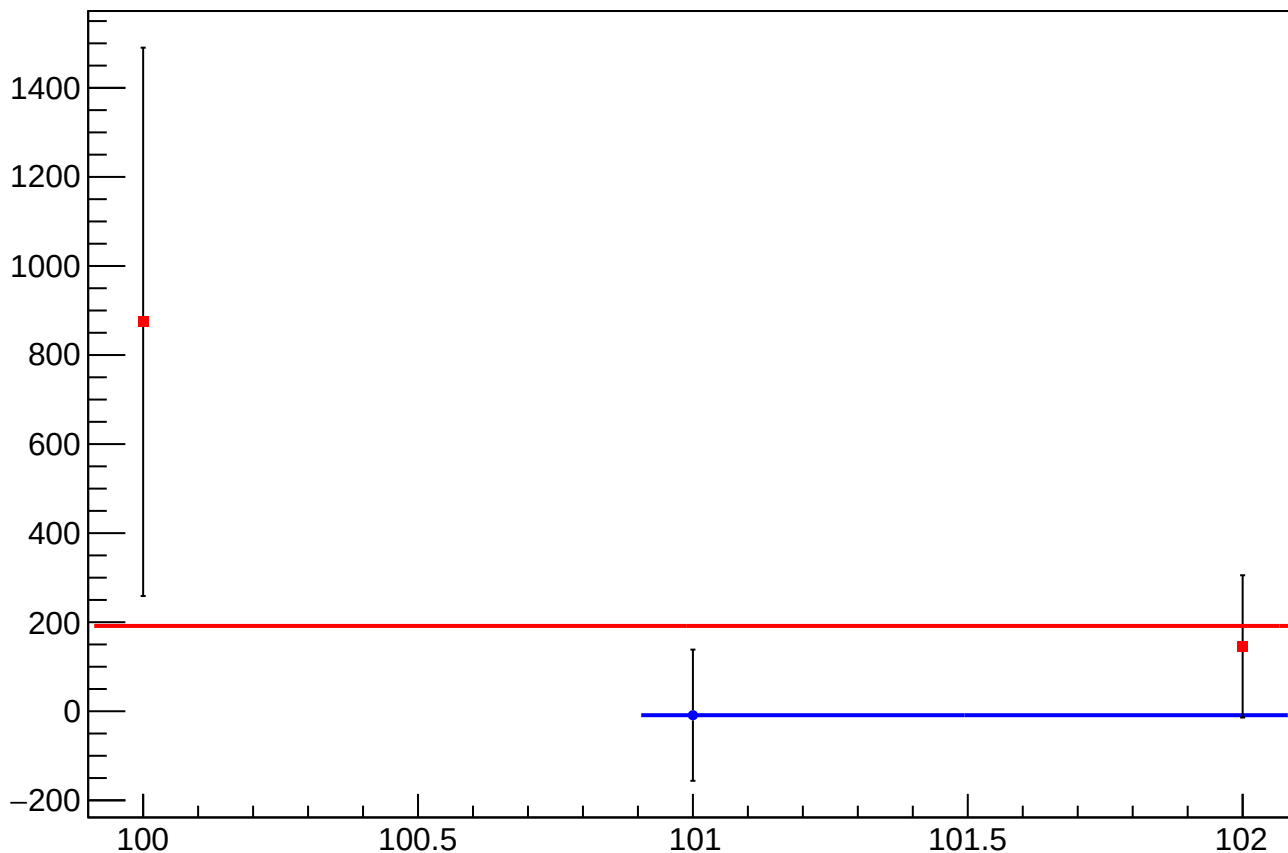
Right: 968.150 $\pm$ 0.584 χ^2 /NDF: 4233.8/2

In: 933.348 $\pm$ 0.816 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 968.150 $\pm$ 0.584 χ^2 /NDF: 4233.8/2

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: -8.859 ± 147.317 χ^2/NDF : 0.0/0

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 191.625 ± 154.610 χ^2/NDF : 1.3/1

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

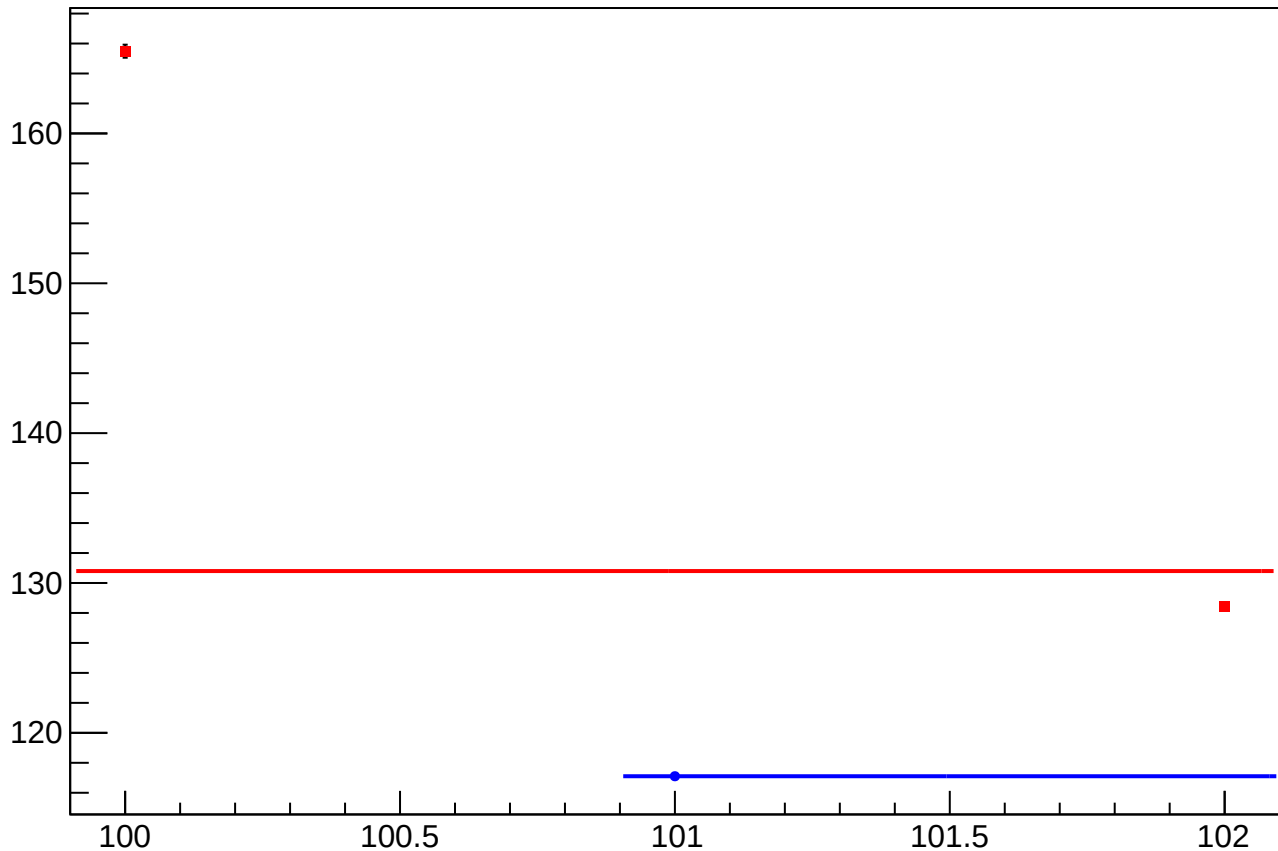
Right: 86.543 ± 106.654 χ^2/NDF : 2.2/2

In: -8.859 ± 147.317 χ^2/NDF : 0.0/0

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 86.543 ± 106.654 χ^2/NDF : 2.2/2

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 117.104 $\pm$ 0.104 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 130.796 $\pm$ 0.109 χ^2 /NDF: 6775.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

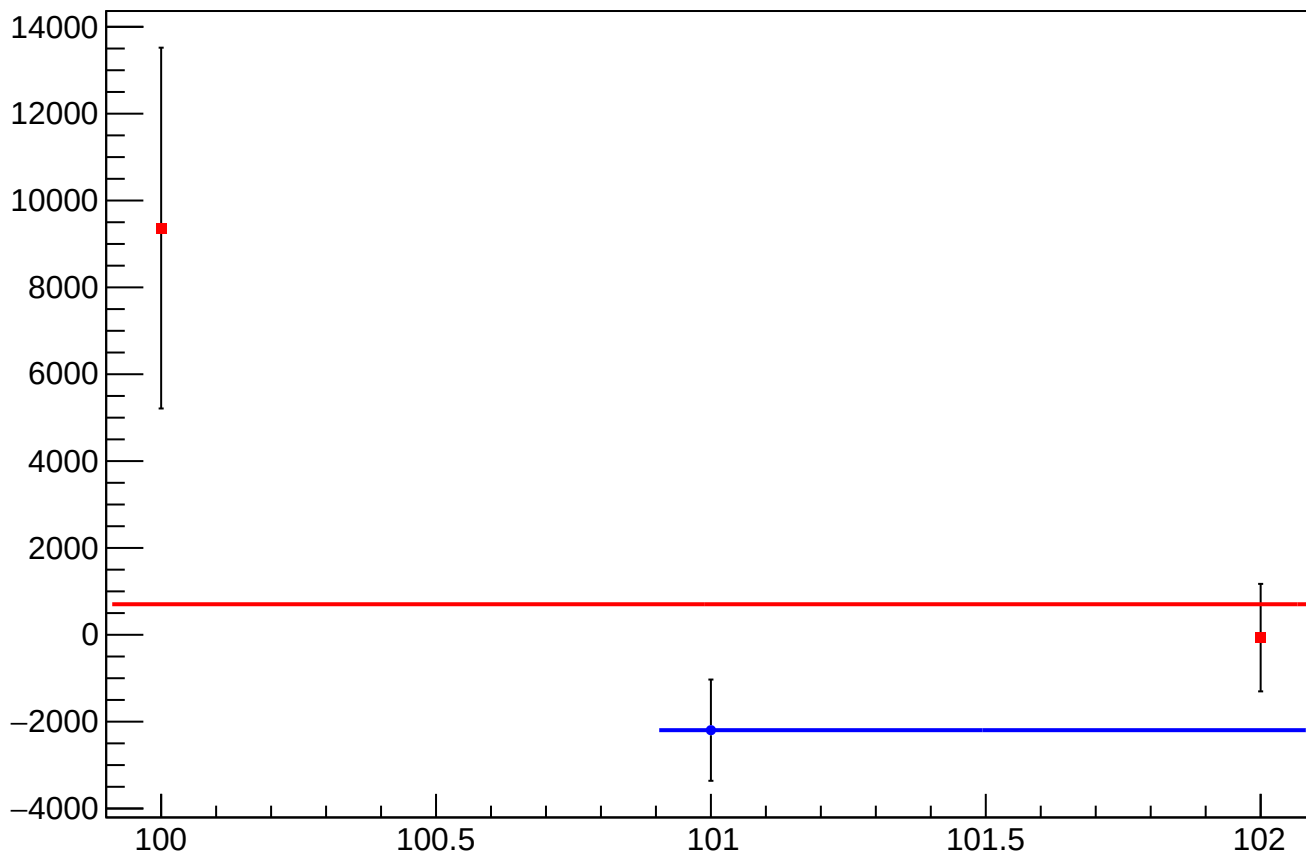
Right: 123.620 $\pm$ 0.075 χ^2 /NDF: 14997.9/2

In: 117.104 $\pm$ 0.104 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 123.620 $\pm$ 0.075 χ^2 /NDF: 14997.9/2

asym_sam_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -2196.190+/-1165.775 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 703.640+/-1186.096 χ^2/NDF : 4.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

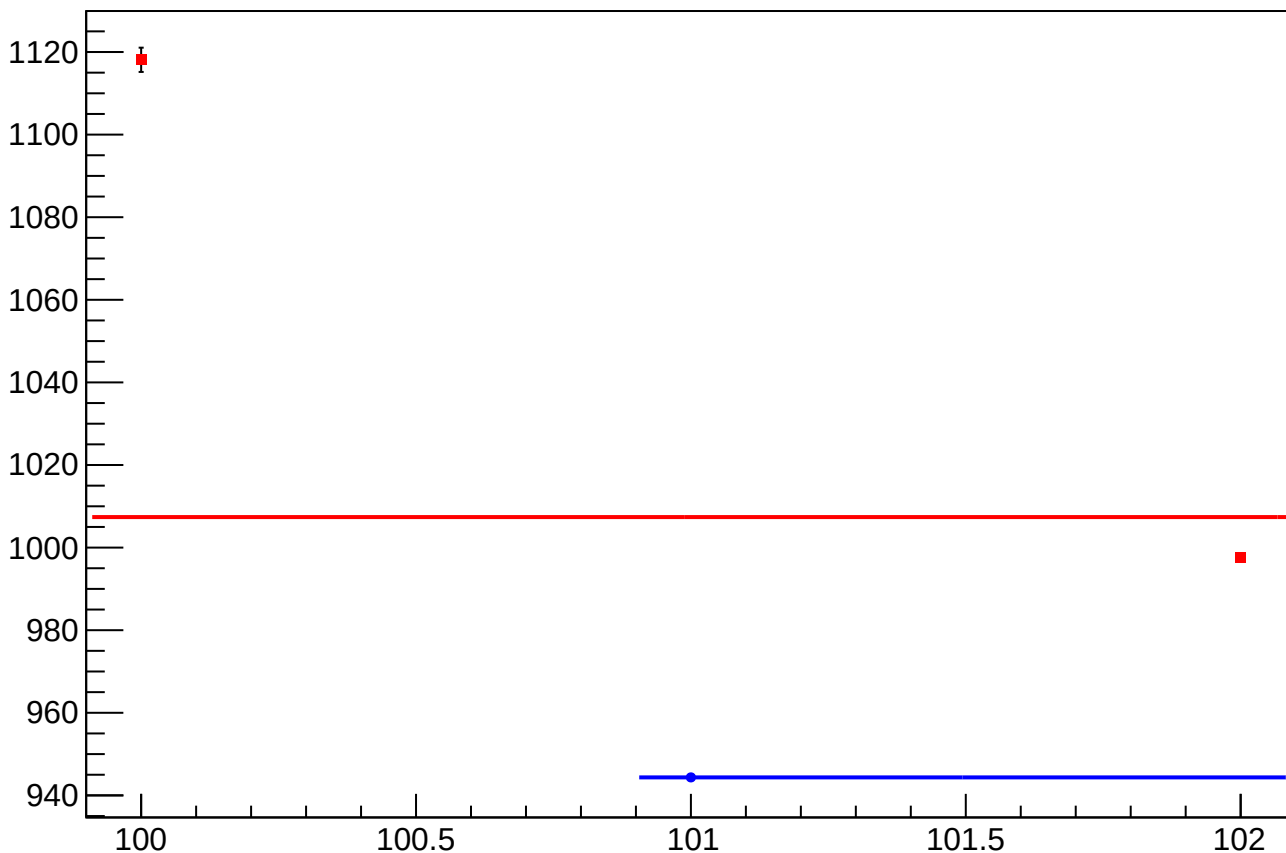
Right: -771.328+/-831.419 χ^2/NDF : 7.8/2

In: -2196.190+/-1165.775 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -771.328+/-831.419 χ^2/NDF : 7.8/2

asym_sam_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 944.358+/-0.824 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1007.391+/-0.839 χ^2/NDF : 1546.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

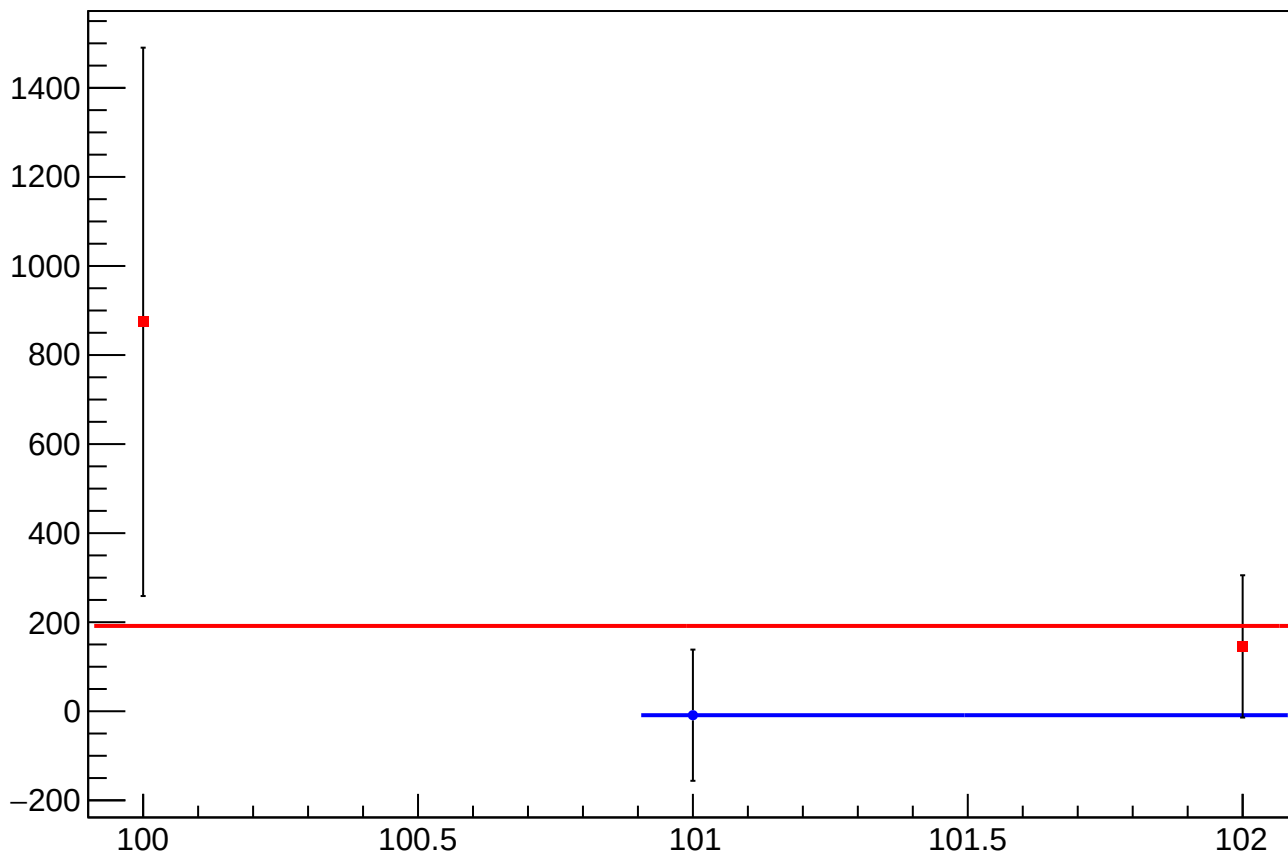
Right: 975.330+/-0.588 χ^2/NDF : 4419.9/2

In: 944.358+/-0.824 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 975.330+/-0.588 χ^2/NDF : 4419.9/2

eigen_dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: -8.861+/-147.318 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 191.624+/-154.610 χ^2/NDF : 1.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

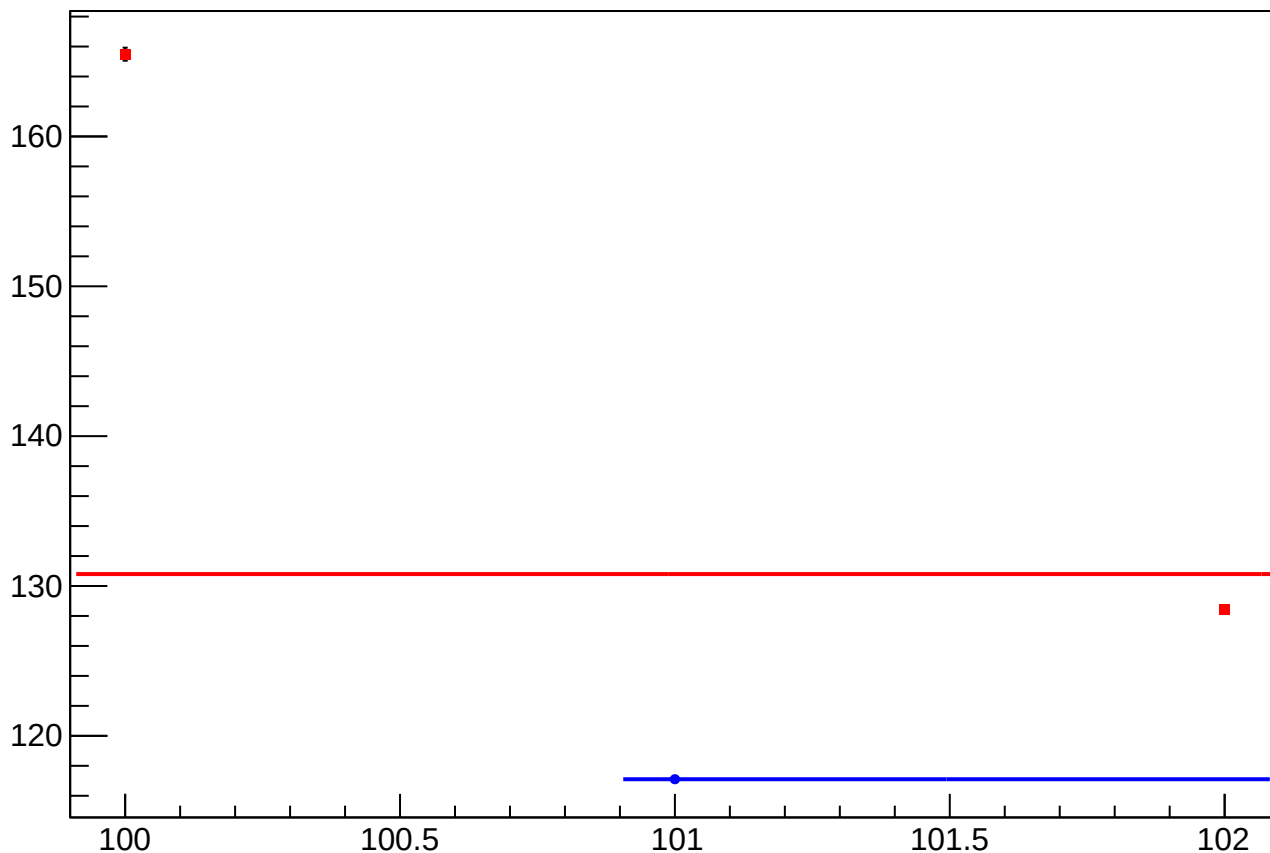
Right: 86.542+/-106.654 χ^2/NDF : 2.2/2

In: -8.861+/-147.318 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.542+/-106.654 χ^2/NDF : 2.2/2

eigen_dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 117.104 $\pm$ 0.104 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 130.796 $\pm$ 0.109 χ^2 /NDF: 6776.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

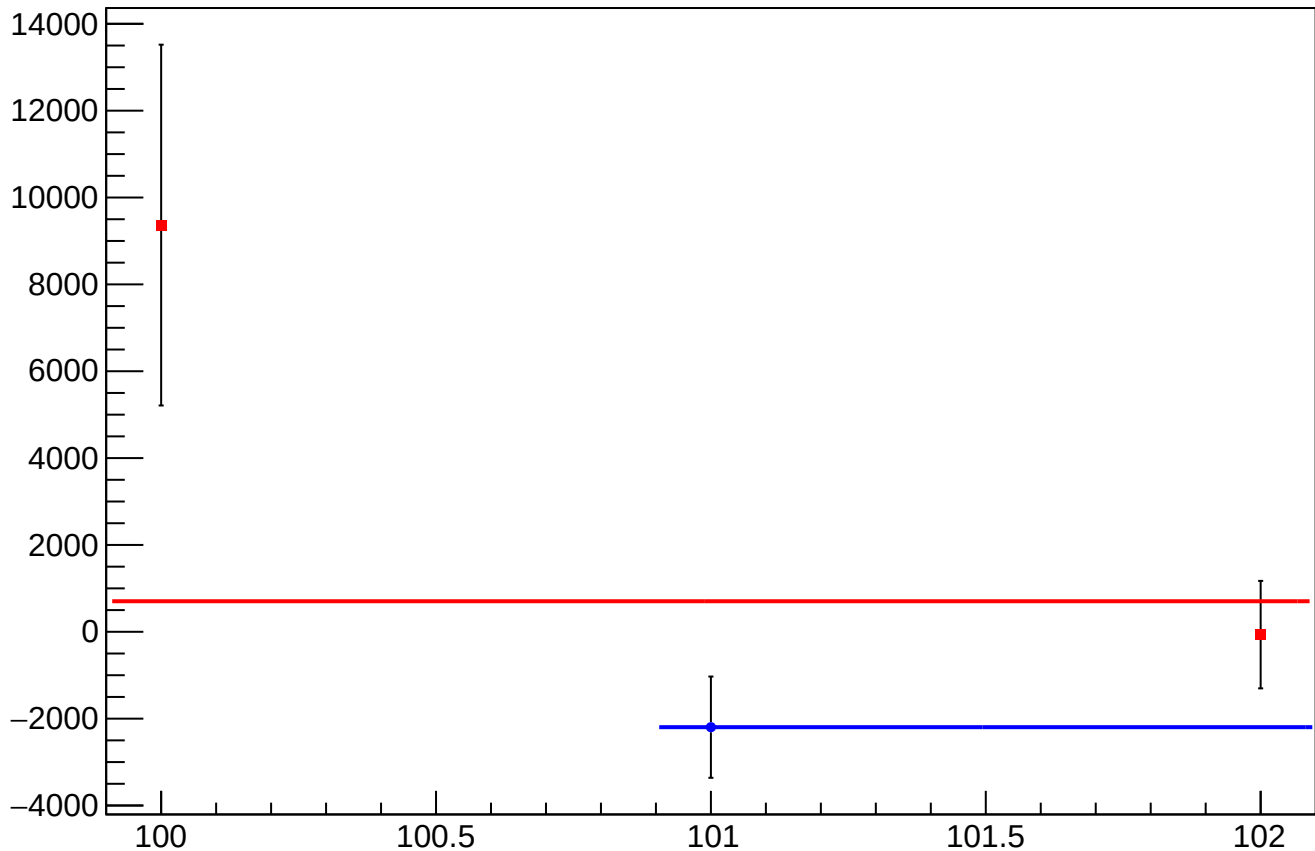
Right: 123.620 $\pm$ 0.075 χ^2 /NDF: 14997.2/2

In: 117.104 $\pm$ 0.104 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 123.620 $\pm$ 0.075 χ^2 /NDF: 14997.2/2

asym_sam_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -2196.193+/-1165.777 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 703.641+/-1186.098 χ^2/NDF : 4.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

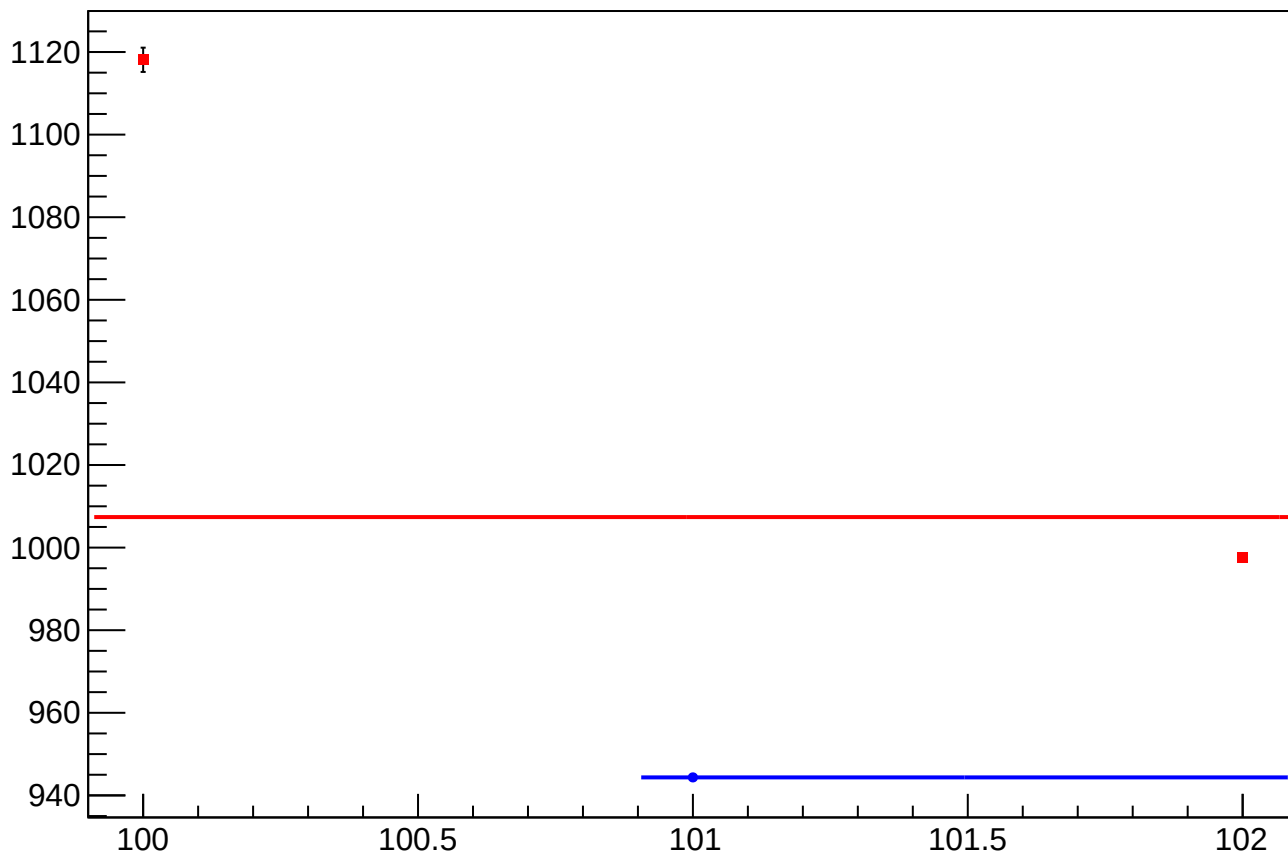
Right: -771.330+/-831.420 χ^2/NDF : 7.8/2

In: -2196.193+/-1165.777 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -771.330+/-831.420 χ^2/NDF : 7.8/2

asym_sam_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 944.359 $\pm$ 0.824 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1007.393 $\pm$ 0.839 χ^2 /NDF: 1546.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

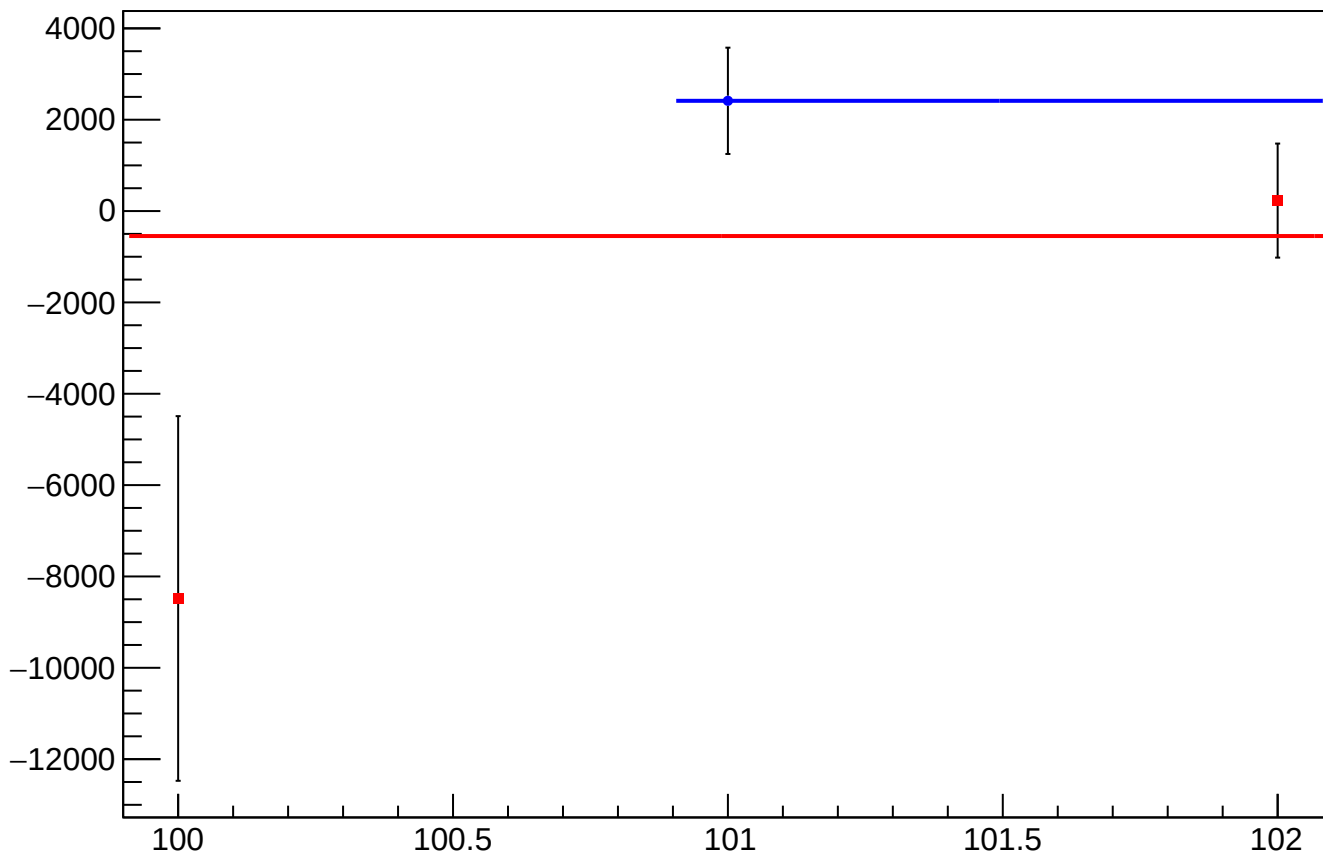
Right: 975.331 $\pm$ 0.588 χ^2 /NDF: 4419.9/2

In: 944.359 $\pm$ 0.824 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 975.331 $\pm$ 0.588 χ^2 /NDF: 4419.9/2

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 2413.633 $\pm$ 1163.647 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -546.814 $\pm$ 1191.432 χ^2/NDF : 4.3/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

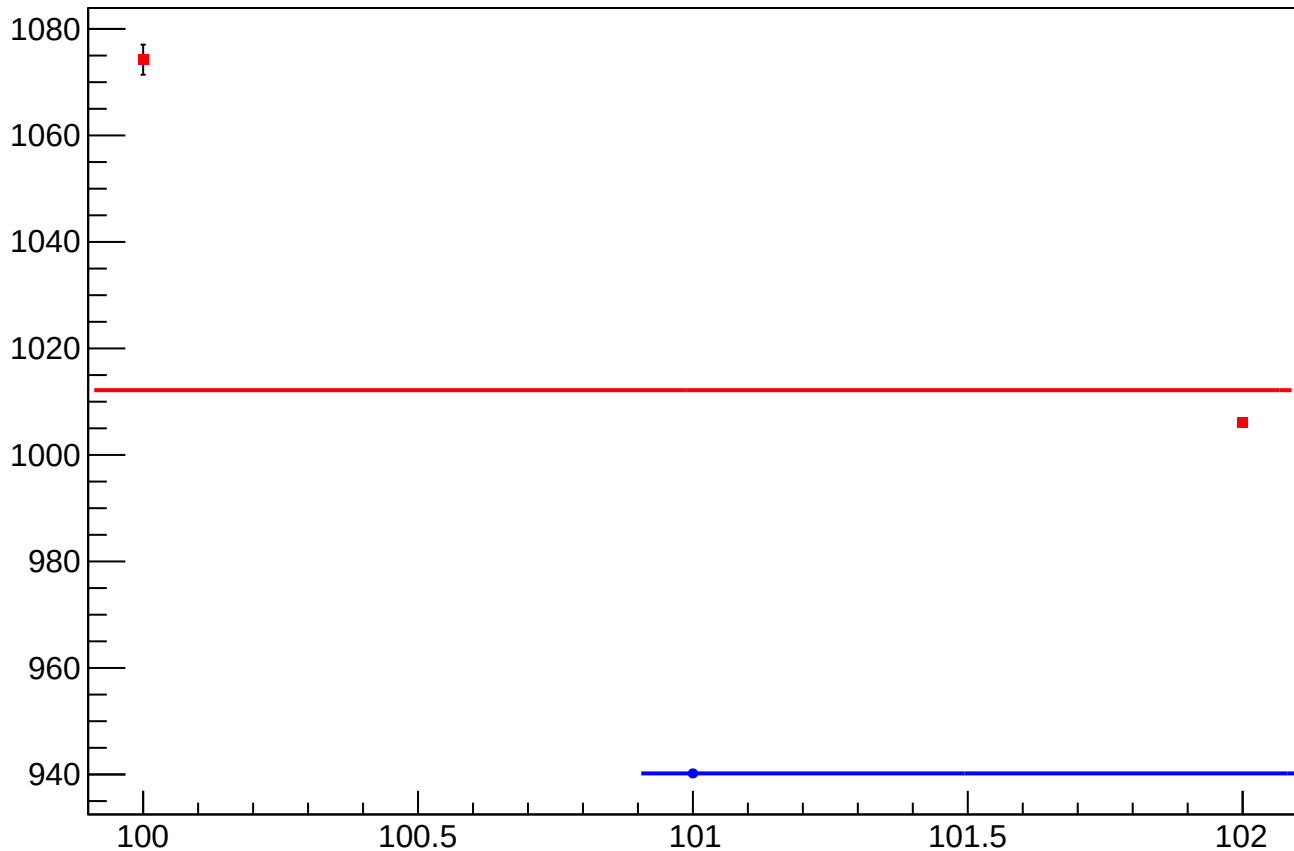
Right: 968.331 $\pm$ 832.472 χ^2/NDF : 7.5/2

In: 2413.633 $\pm$ 1163.647 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 968.331 $\pm$ 832.472 χ^2/NDF : 7.5/2

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 940.195 $\pm$ 0.823 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1012.164 $\pm$ 0.842 χ^2 /NDF: 530.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

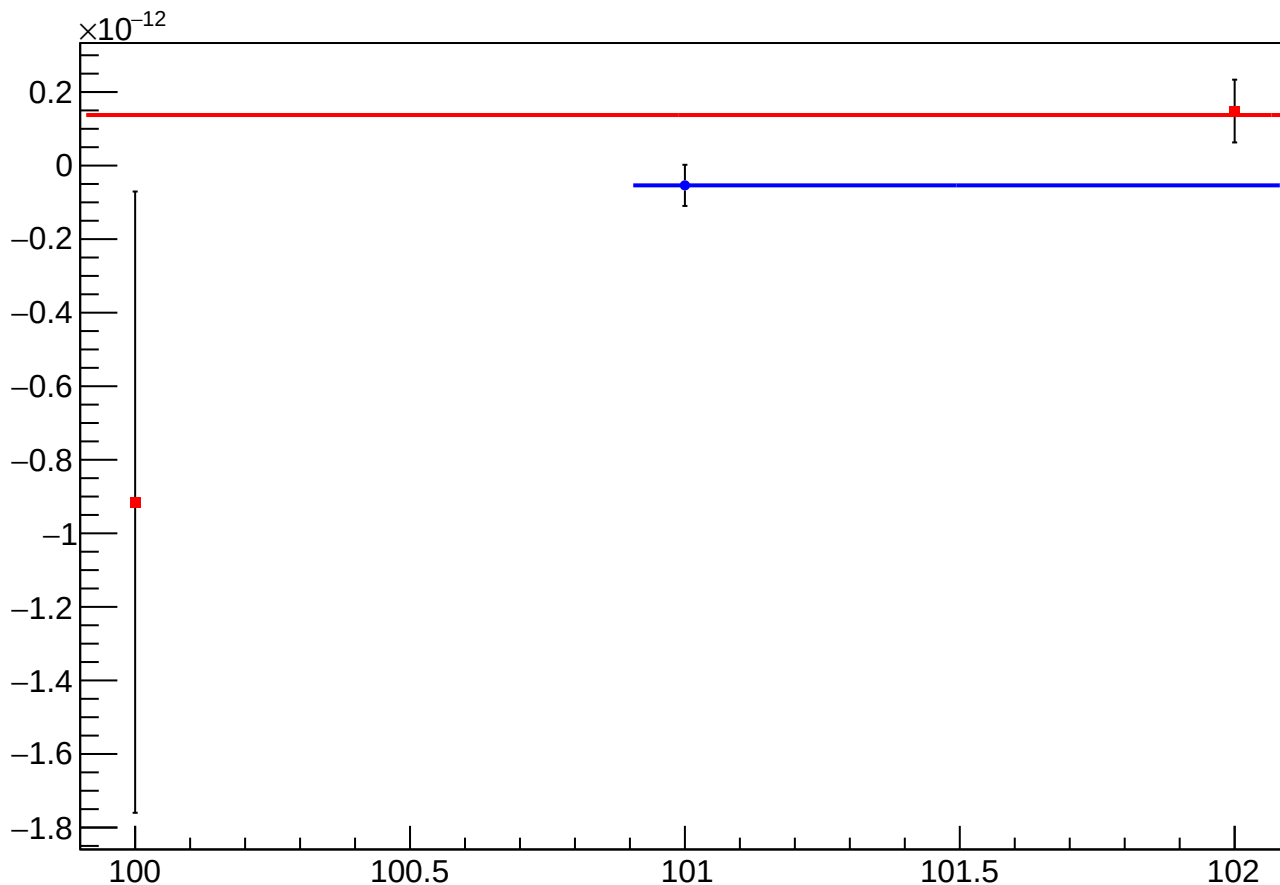
Right: 975.331 $\pm$ 0.589 χ^2 /NDF: 4265.5/2

In: 940.195 $\pm$ 0.823 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 975.331 $\pm$ 0.589 χ^2 /NDF: 4265.5/2

asym_sam_48_dd_reg_vs_cor_diff_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: 1.6/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

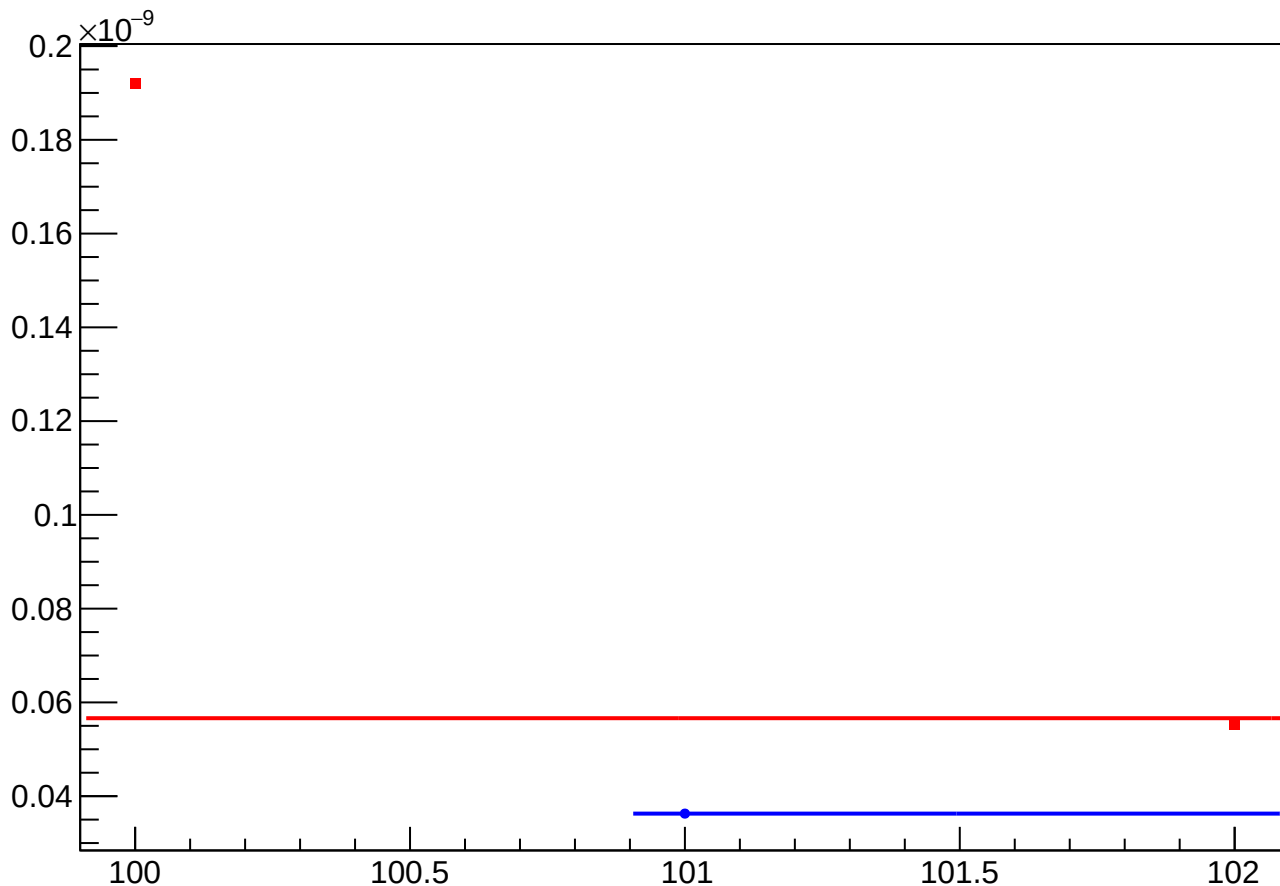
Right: 0.000+/-0.000 χ^2 /NDF: 5.1/2

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: 5.1/2

asym_sam_48_dd_reg_vs_cor_diff_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 : 51903.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

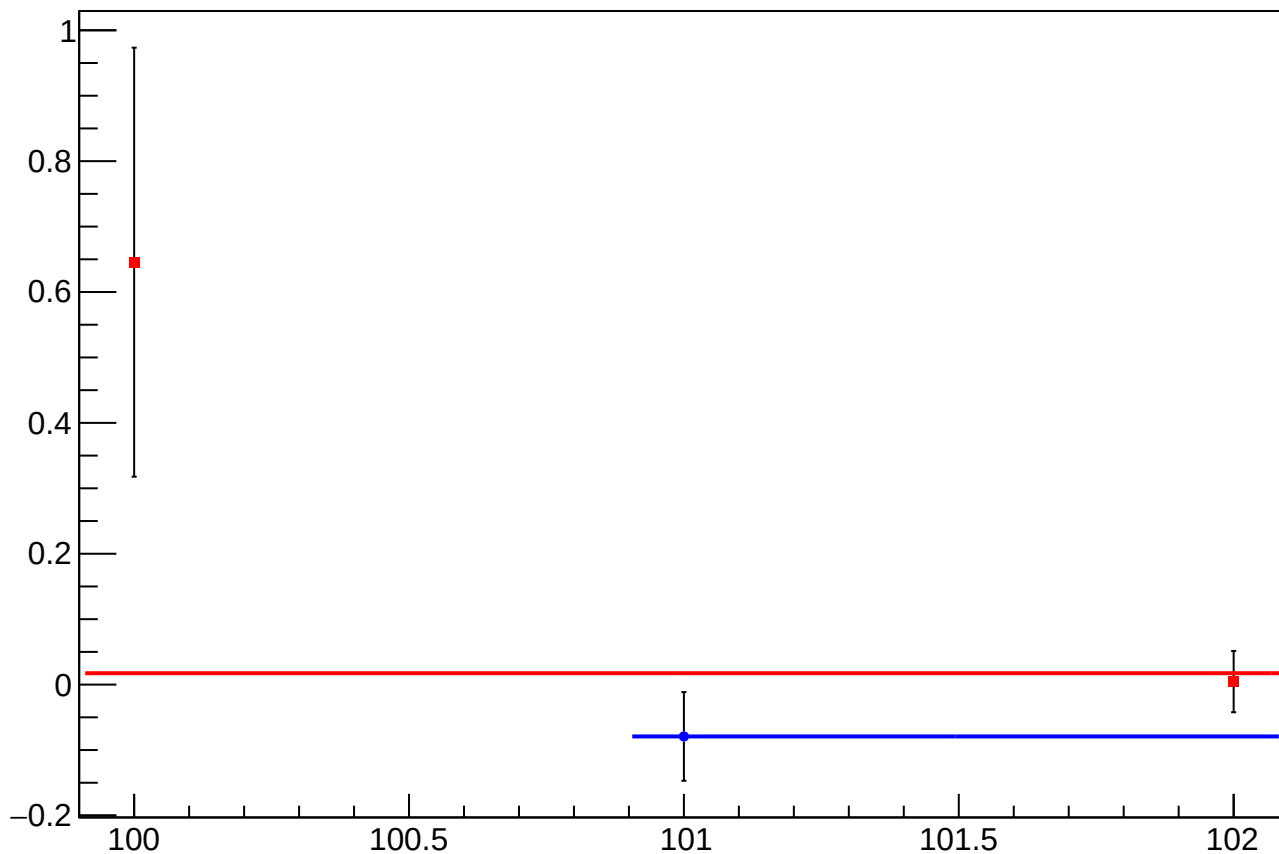
Right: 0.000+/-0.000 χ^2/NDF : 131989.7/2

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 : 131989.7/2

asym_sam_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.079+/-0.068 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.046 χ^2/NDF : 3.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

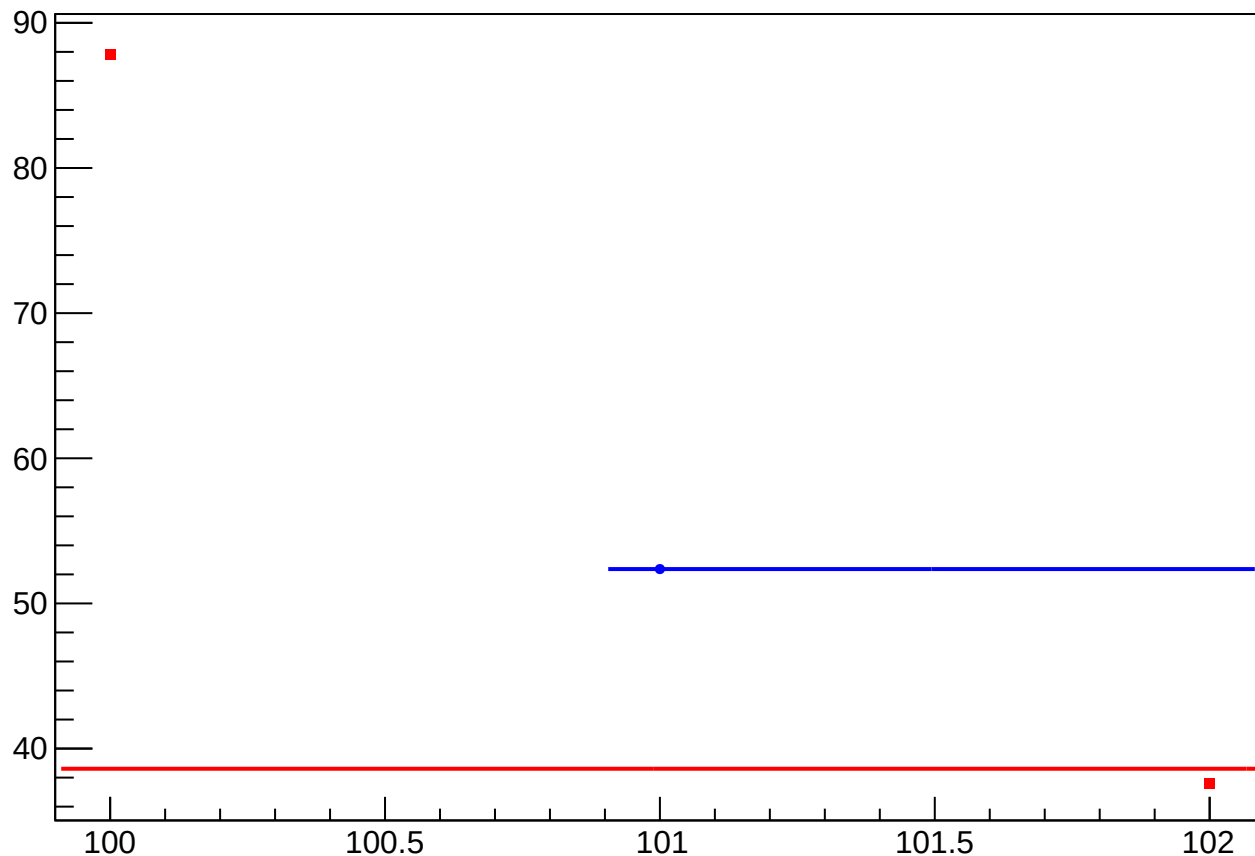
Right: -0.013+/-0.038 χ^2/NDF : 5.1/2

In: -0.079+/-0.068 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.013+/-0.038 χ^2/NDF : 5.1/2

asym_sam_48_dd_dit_vs_slug_corr_diff_rms vs Slug, Sign Corrected



Right In: 52.368 $\pm$ 0.048 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 38.611 $\pm$ 0.033 χ^2 /NDF: 46043.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

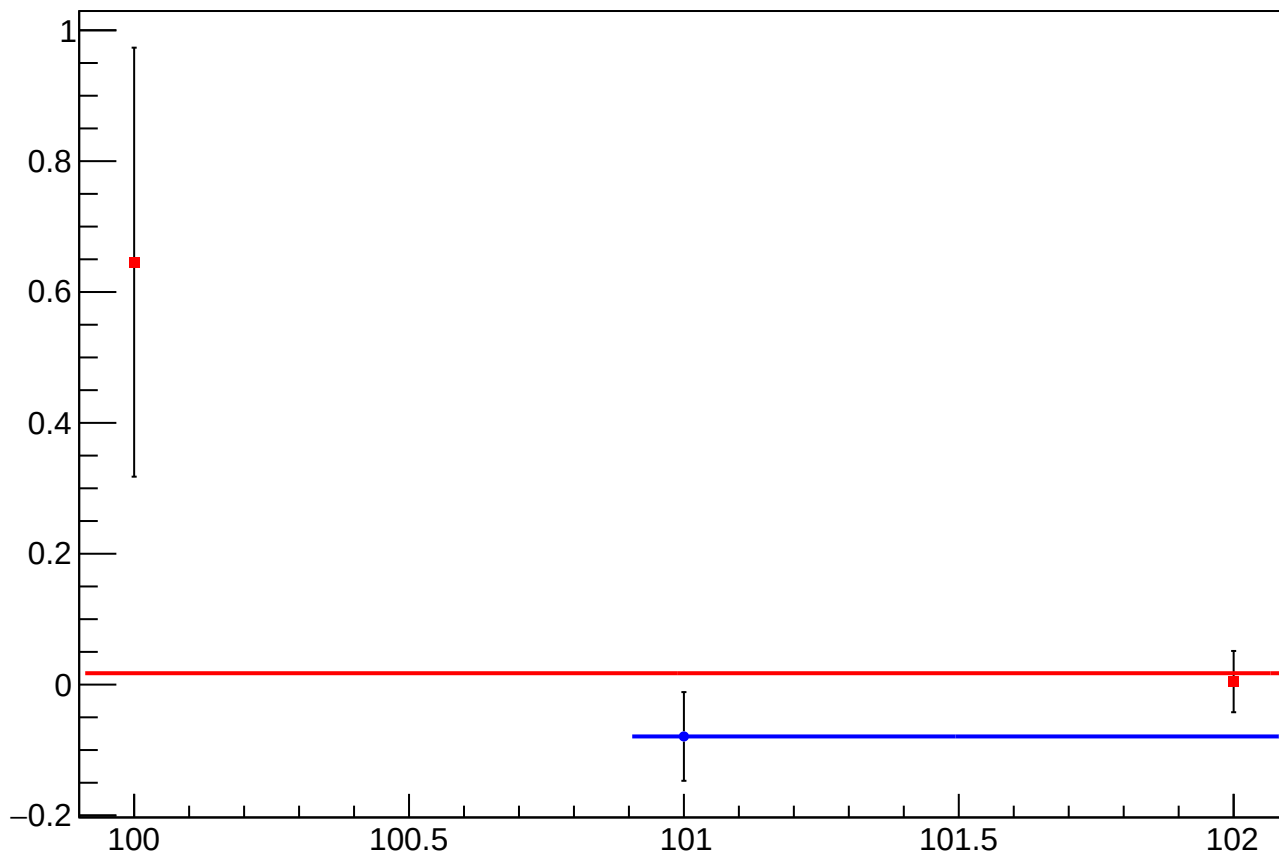
Right: 42.994 $\pm$ 0.027 χ^2 /NDF: 102168.9/2

In: 52.368 $\pm$ 0.048 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 42.994 $\pm$ 0.027 χ^2 /NDF: 102168.9/2

asym_sam_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.079 $\pm$ 0.068 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.017 $\pm$ 0.046 χ^2/NDF : 3.7/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

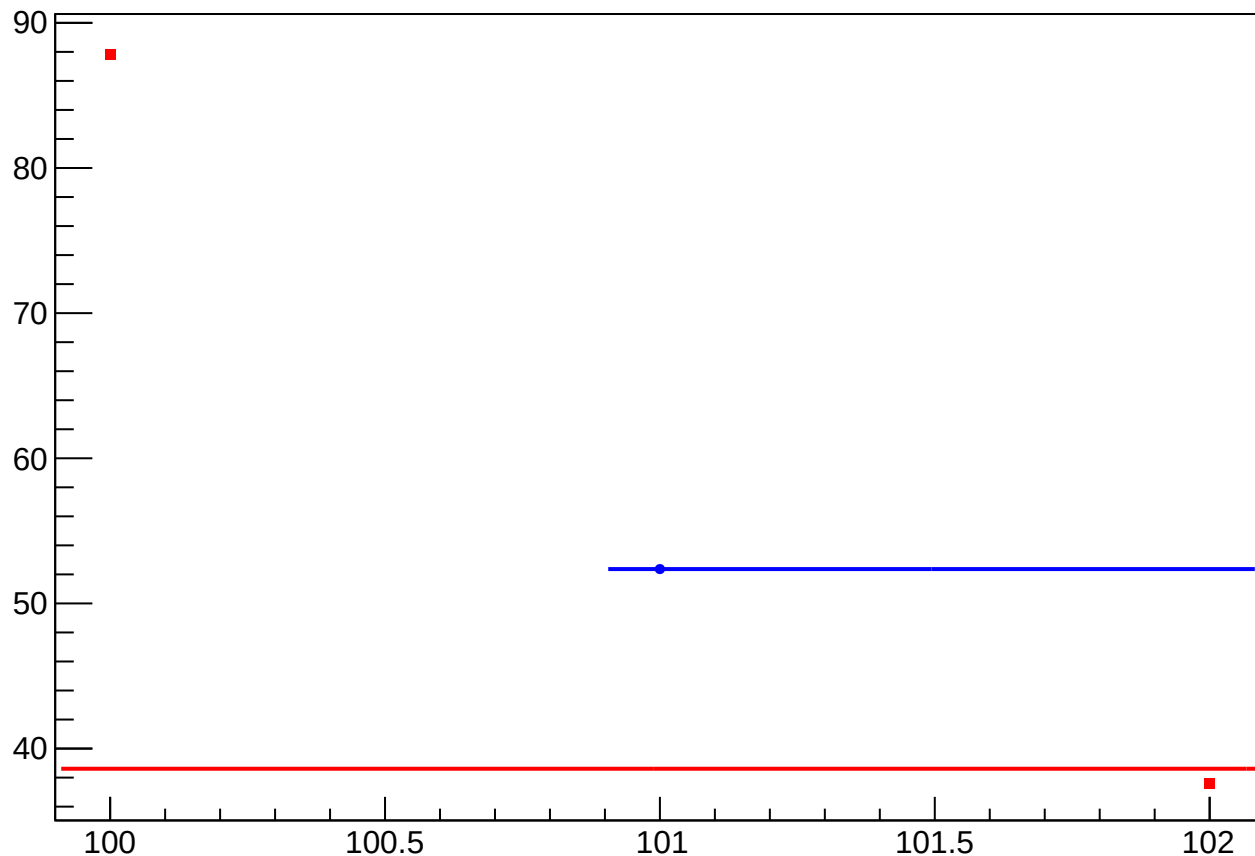
Right: -0.013 $\pm$ 0.038 χ^2/NDF : 5.1/2

In: -0.079 $\pm$ 0.068 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.013 $\pm$ 0.038 χ^2/NDF : 5.1/2

asym_sam_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.368 $\pm$ 0.048 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 38.611 $\pm$ 0.033 χ^2 /NDF: 46043.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

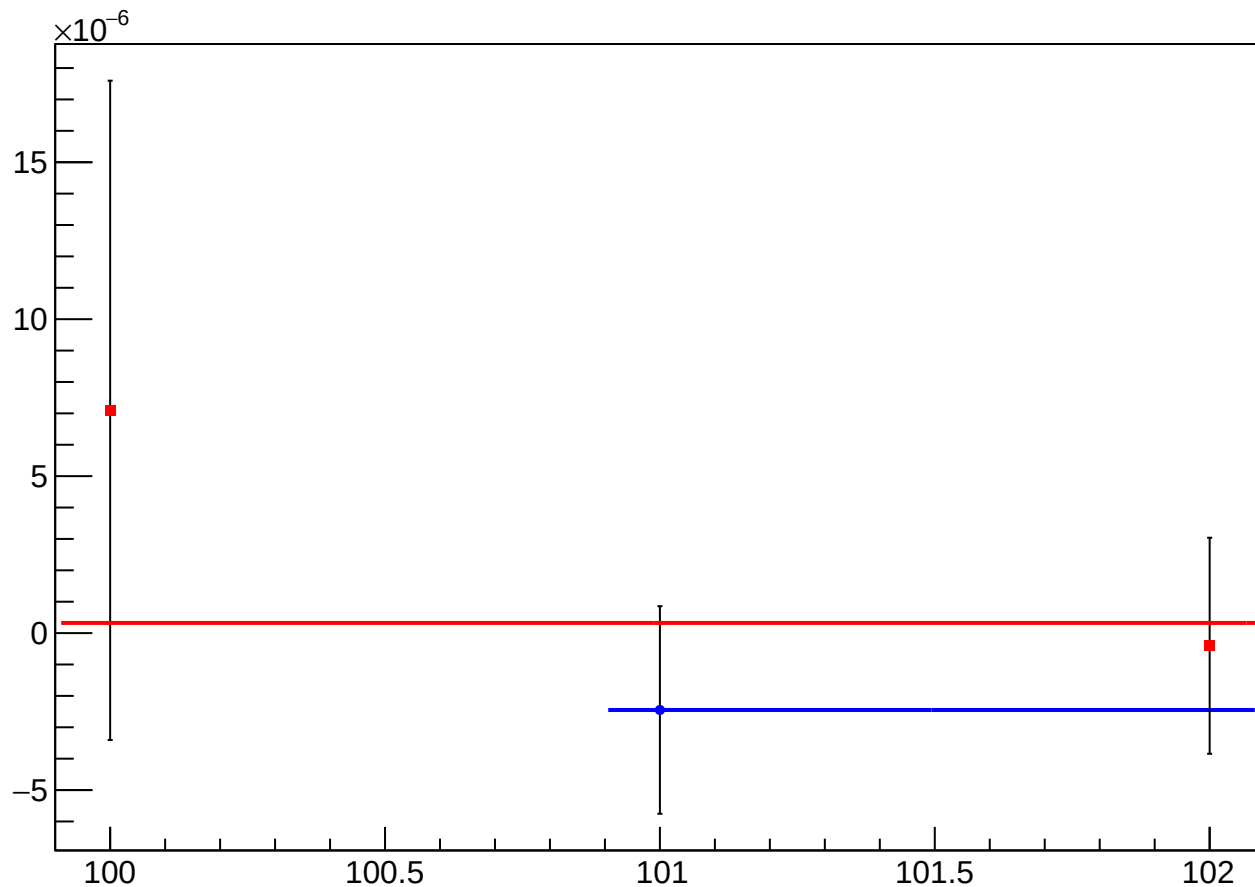
Right: 42.994 $\pm$ 0.027 χ^2 /NDF: 102168.9/2

In: 52.368 $\pm$ 0.048 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 42.994 $\pm$ 0.027 χ^2 /NDF: 102168.9/2

asym_sam_48_dd_eigen_dit_vs_dit_diff_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 : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

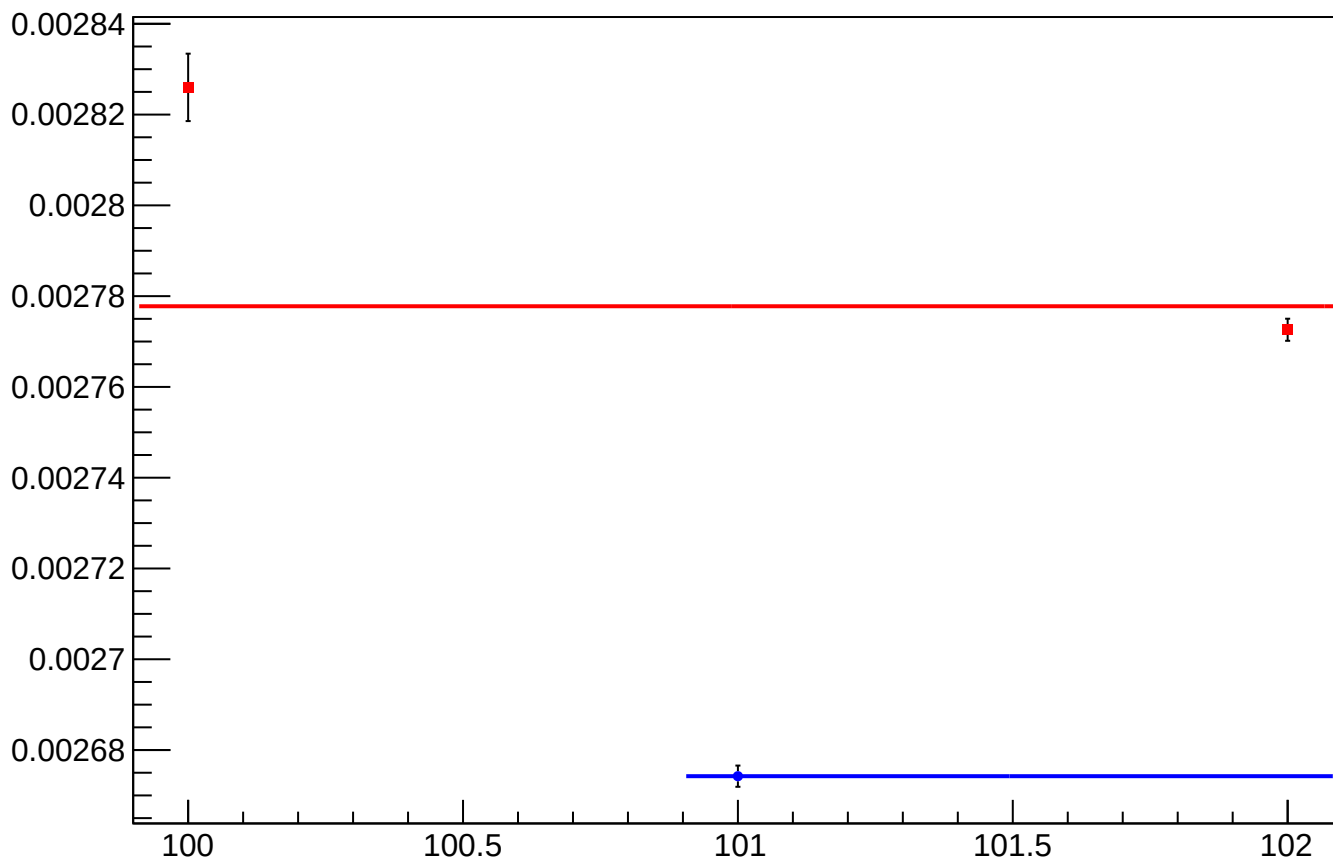
Right: -0.000+/-0.000 χ^2/NDF : 0.8/2

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 : 0.8/2

asym_sam_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.003+/-0.000 χ^2 /NDF: 46.7/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

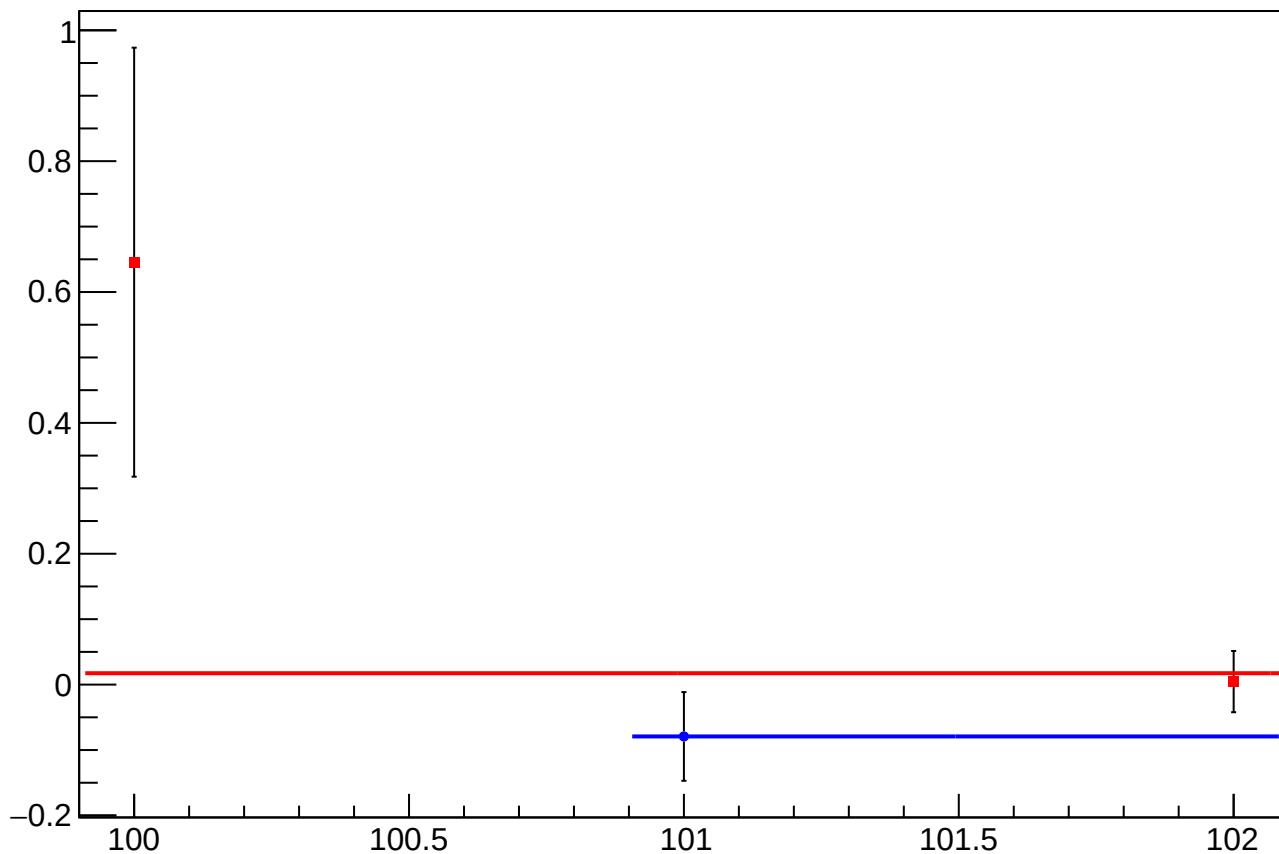
Right: 0.003+/-0.000 χ^2 /NDF: 1037.9/2

In: 0.003+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.003+/-0.000 χ^2 /NDF: 1037.9/2

asym_sam_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.079 $\pm$ 0.068 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.017 $\pm$ 0.046 χ^2/NDF : 3.7/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

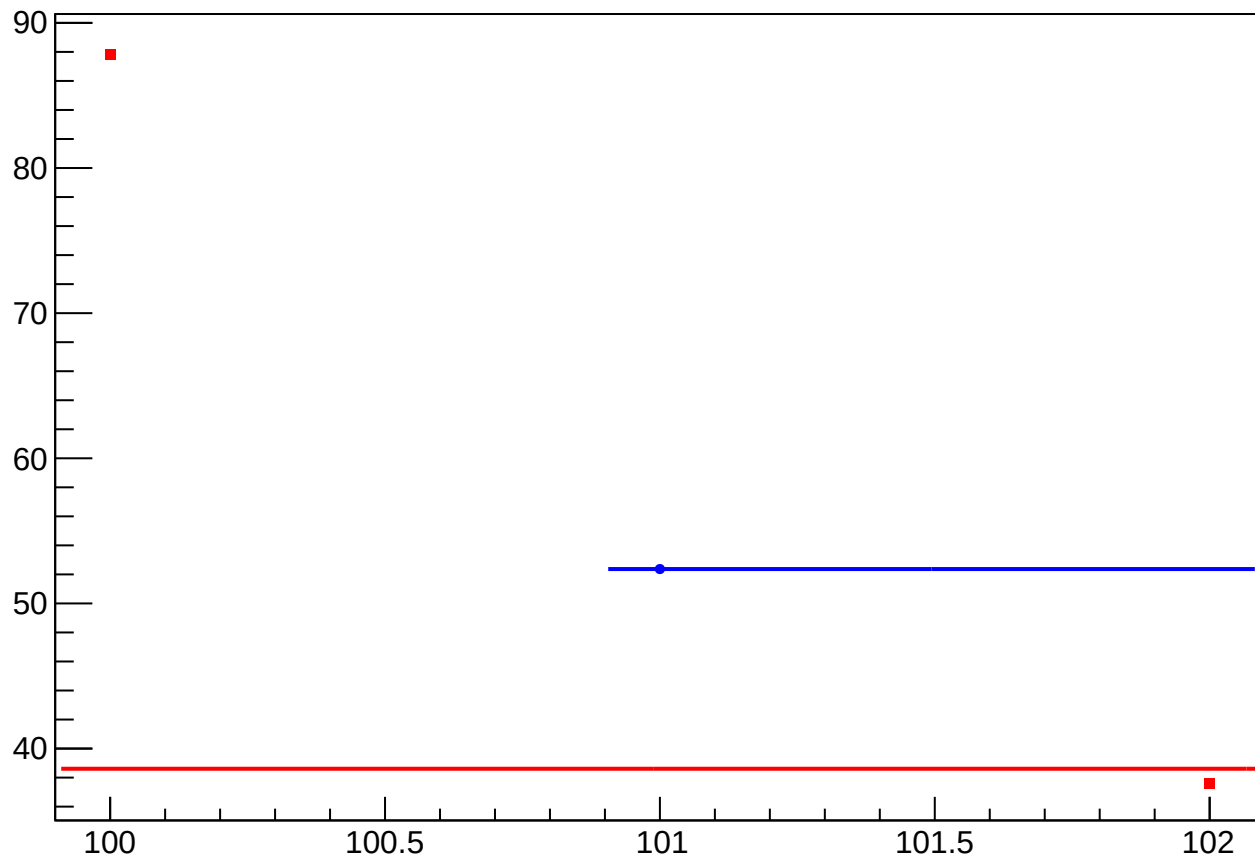
Right: -0.013 $\pm$ 0.038 χ^2/NDF : 5.1/2

In: -0.079 $\pm$ 0.068 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.013 $\pm$ 0.038 χ^2/NDF : 5.1/2

asym_sam_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.369+/-0.048 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.610+/-0.033 χ^2/NDF : 46046.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

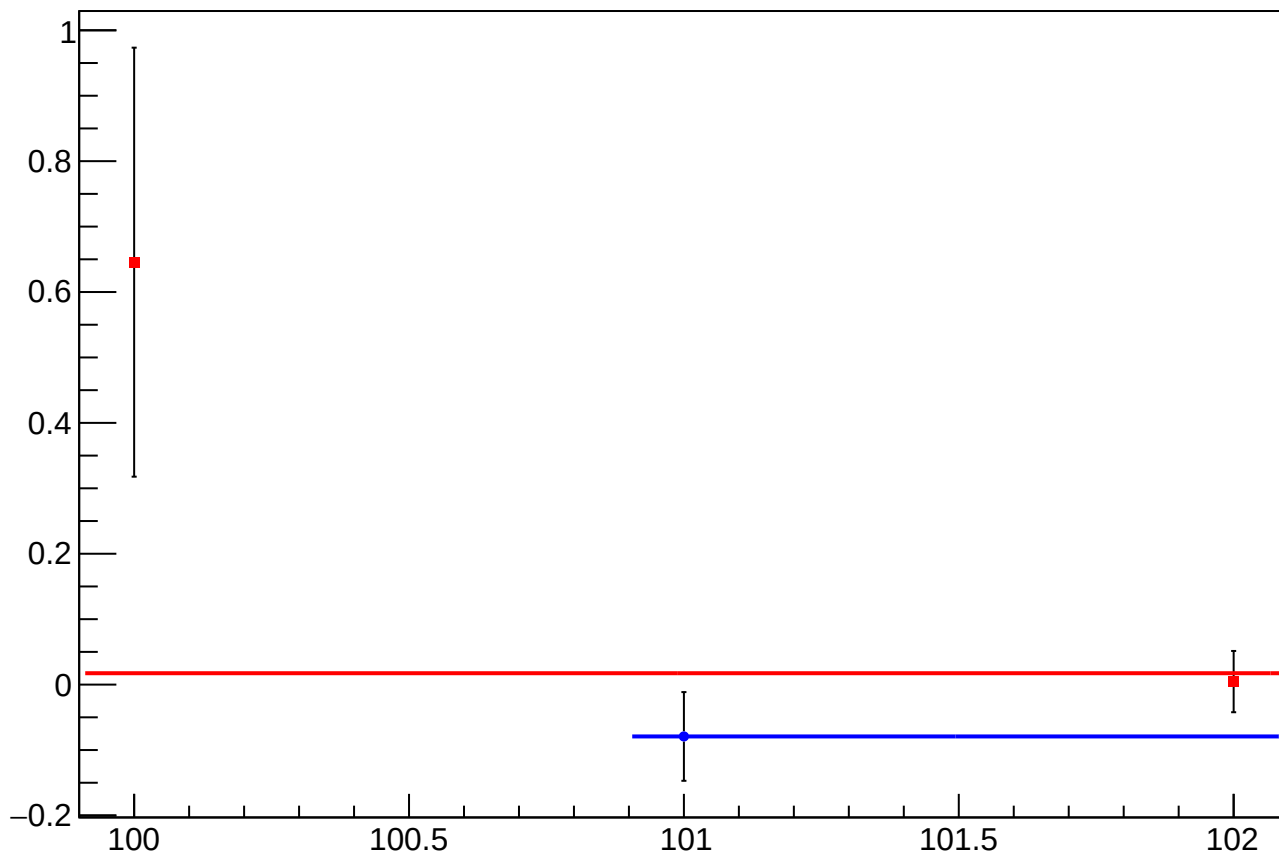
Right: 42.993+/-0.027 χ^2/NDF : 102188.9/2

In: 52.369+/-0.048 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.993+/-0.027 χ^2/NDF : 102188.9/2

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.079 $\pm$ 0.068 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.017 $\pm$ 0.046 χ^2/NDF : 3.7/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

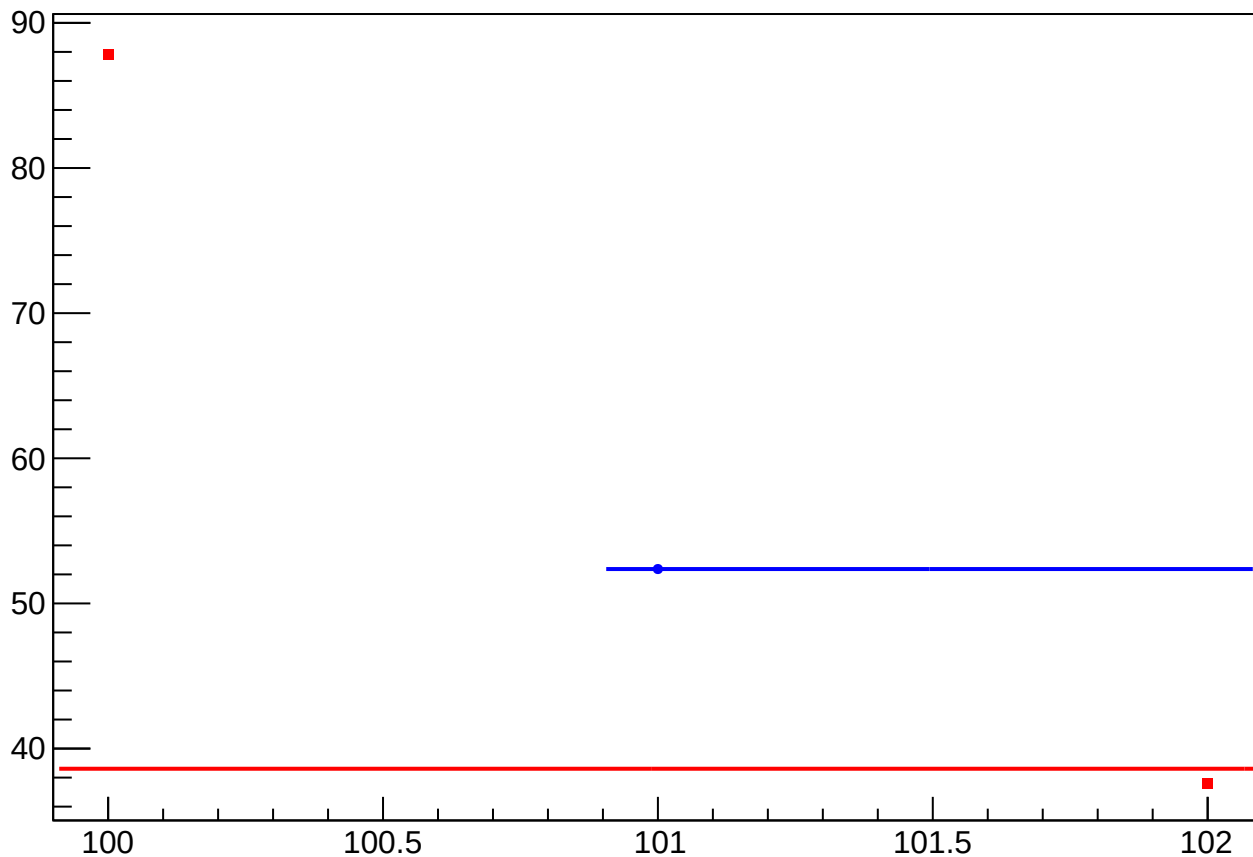
Right: -0.013 $\pm$ 0.038 χ^2/NDF : 5.1/2

In: -0.079 $\pm$ 0.068 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.013 $\pm$ 0.038 χ^2/NDF : 5.1/2

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.369+/-0.048 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.610+/-0.033 χ^2/NDF : 46046.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

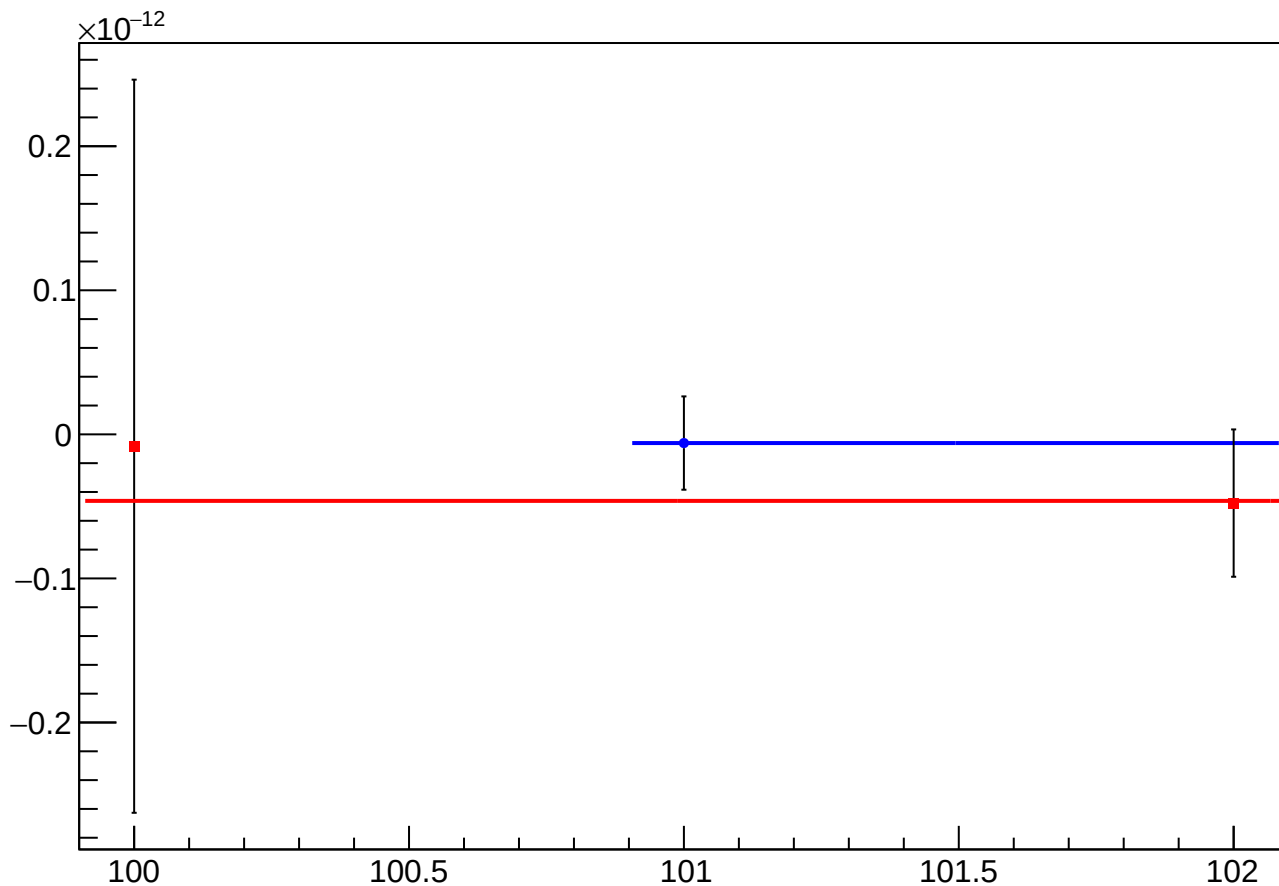
Right: 42.993+/-0.027 χ^2/NDF : 102188.9/2

In: 52.369+/-0.048 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.993+/-0.027 χ^2/NDF : 102188.9/2

asym_sam_48_dd_eigen_cor_vs_cor_diff_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 : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

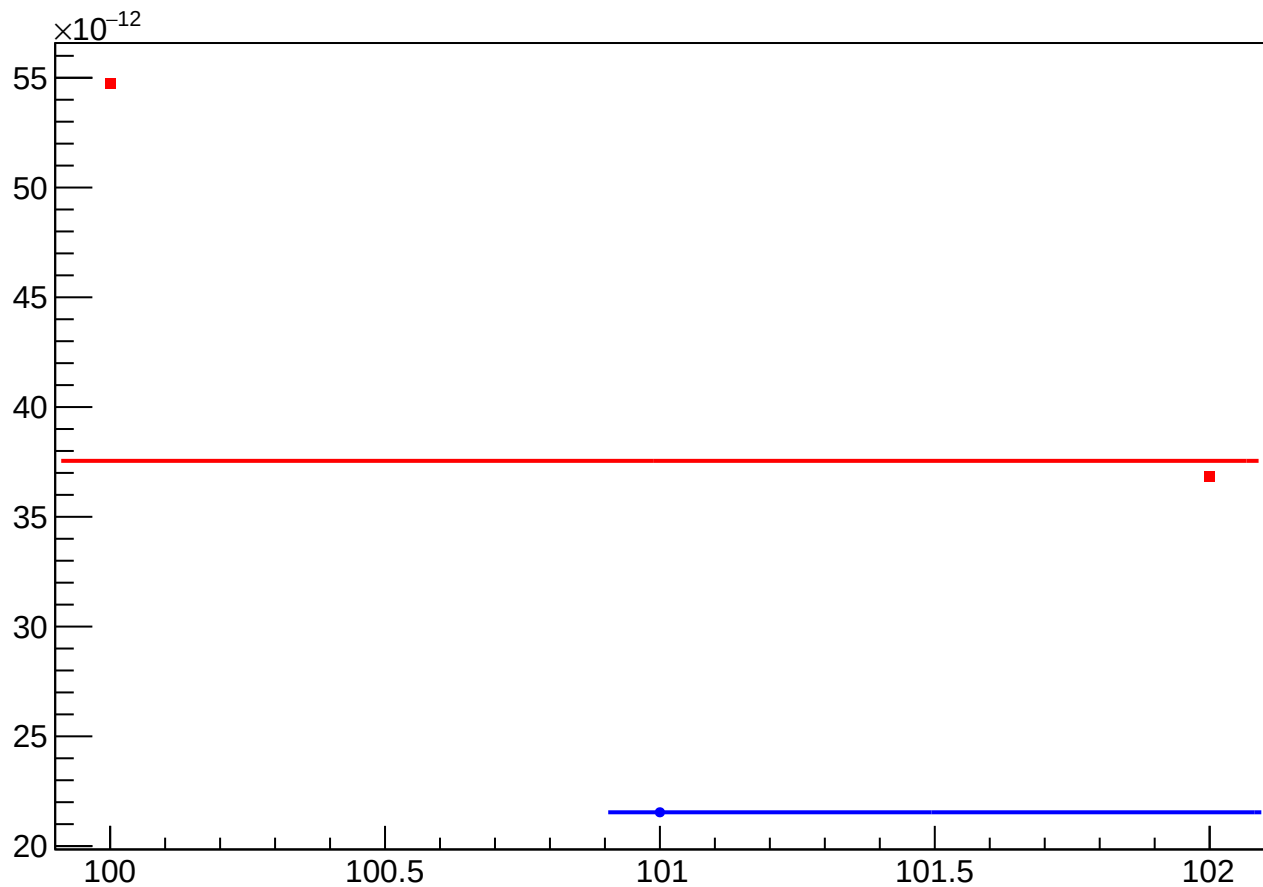
Right: -0.000+/-0.000 χ^2/NDF : 0.5/2

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 : 0.5/2

asym_sam_48_dd_eigen_cor_vs_cor_diff_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 : 9491.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

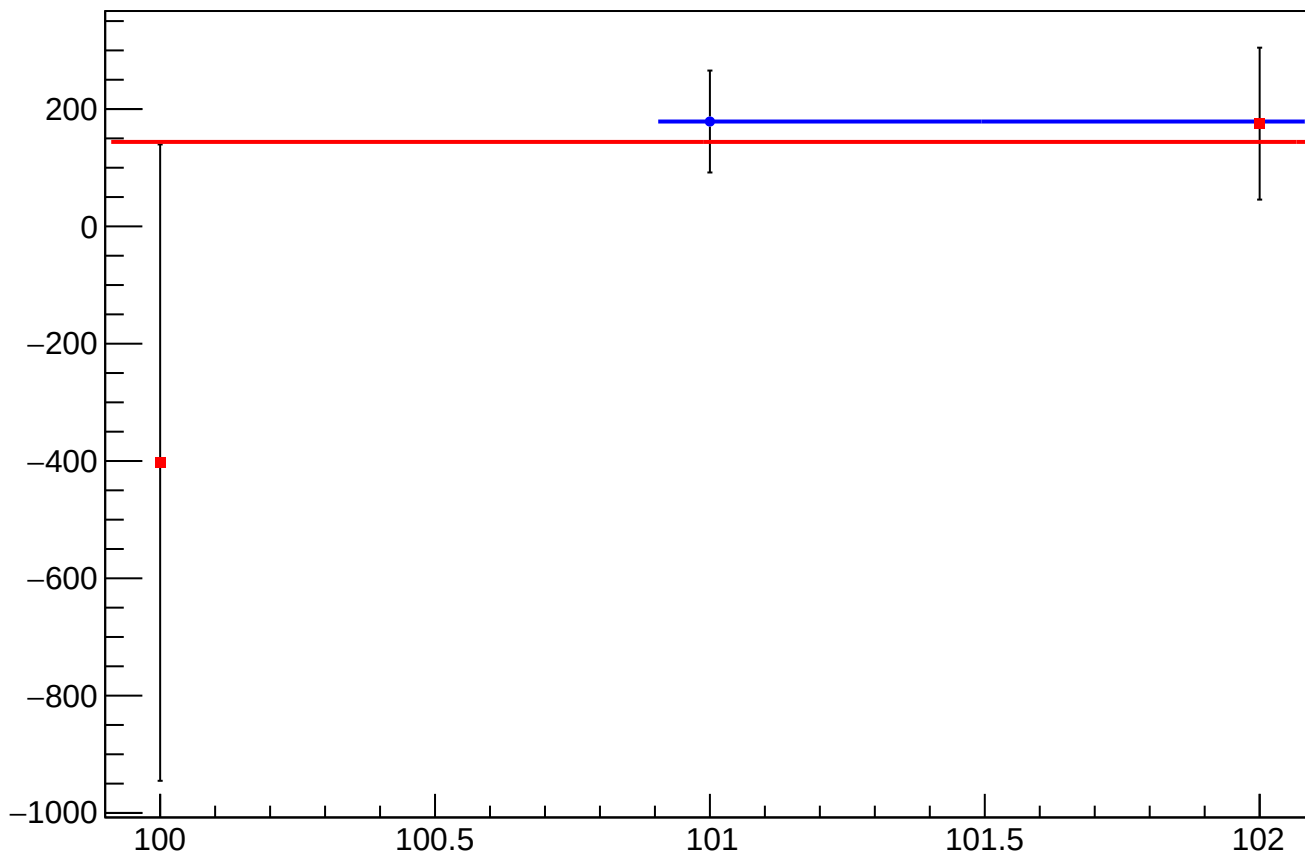
Right: 0.000+/-0.000 χ^2/NDF : 153407.9/2

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 : 153407.9/2

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 178.766 $\pm$ 86.880 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 143.999 $\pm$ 125.965 χ^2 /NDF: 1.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

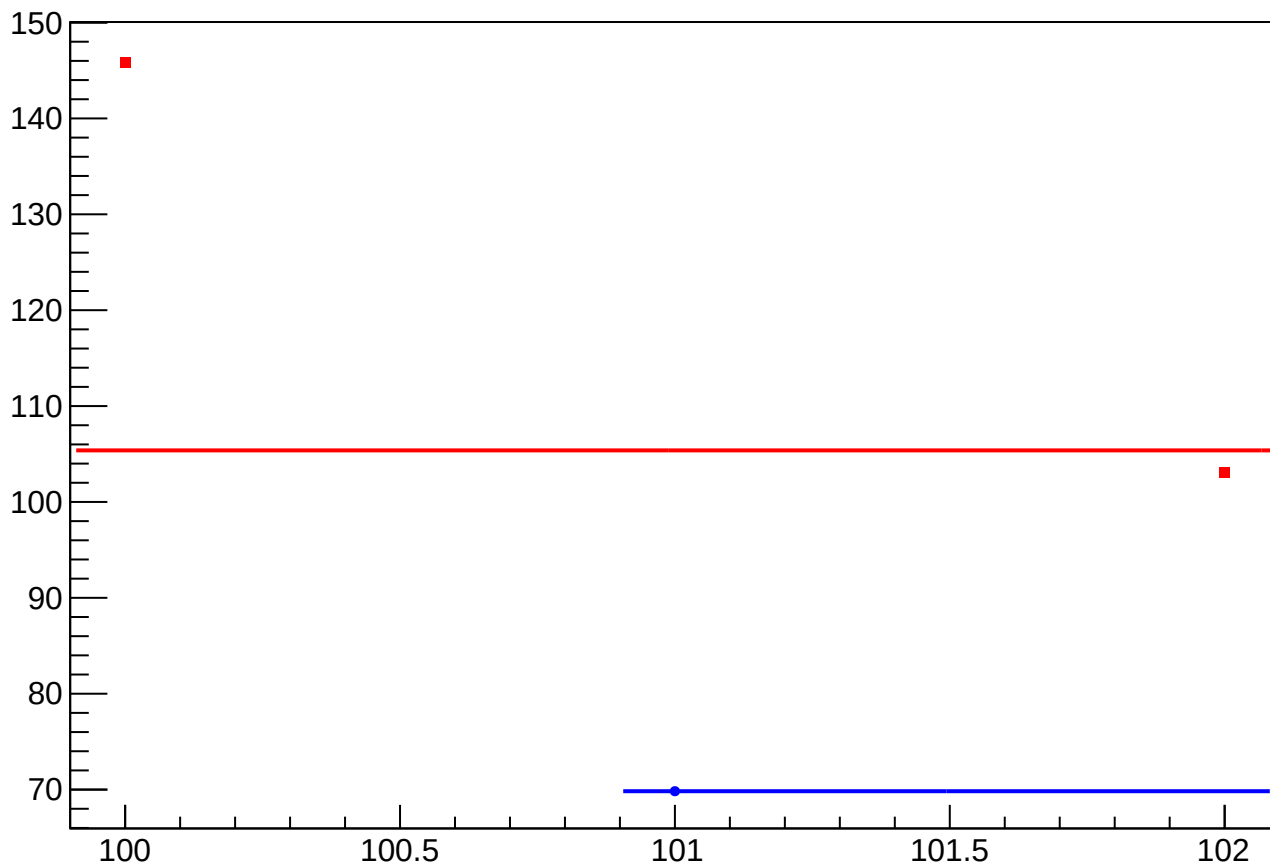
Right: 167.559 $\pm$ 71.519 χ^2 /NDF: 1.1/2

In: 178.766 $\pm$ 86.880 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 167.559 $\pm$ 71.519 χ^2 /NDF: 1.1/2

reg_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 69.831 $\pm$ 0.061 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 105.377 $\pm$ 0.089 χ^2 /NDF: 11767.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

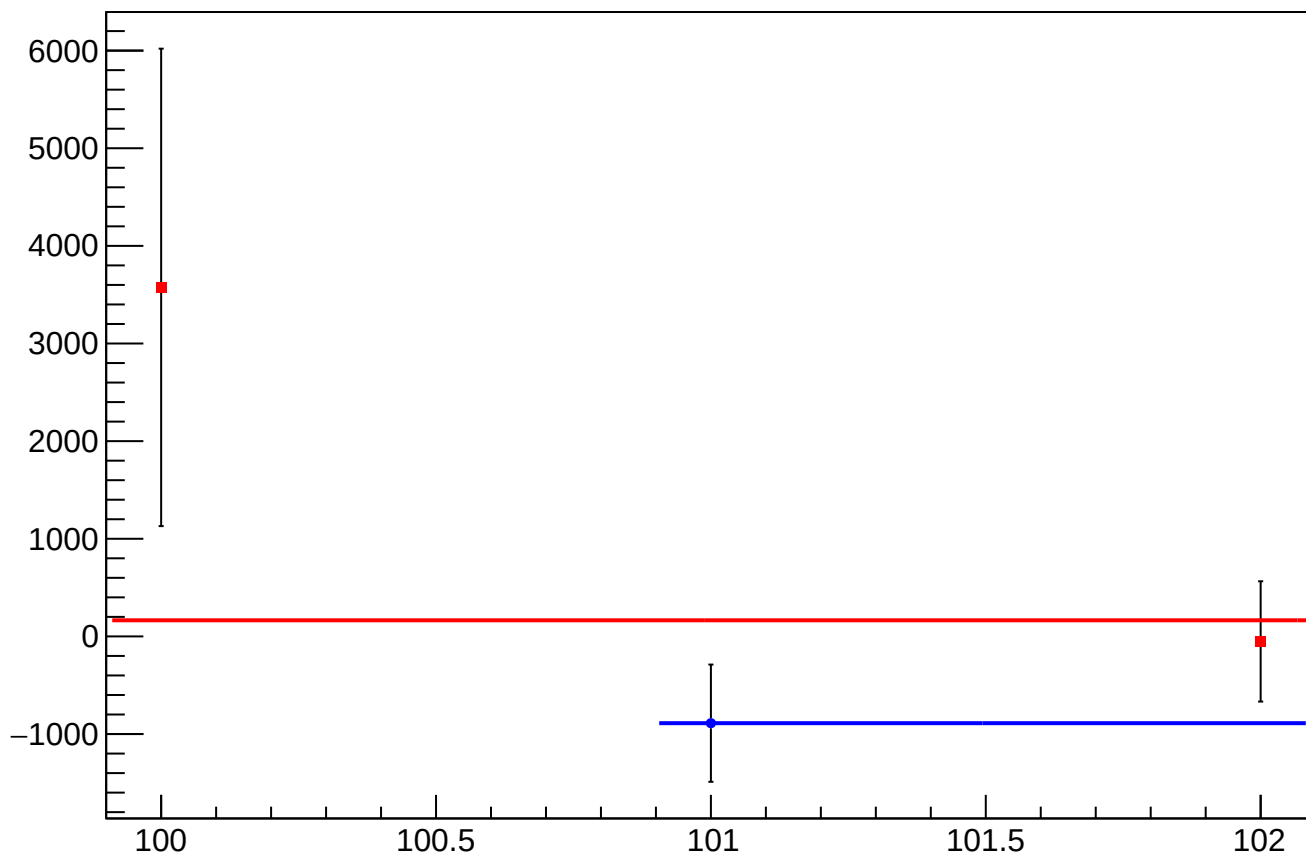
Right: 81.290 $\pm$ 0.051 χ^2 /NDF: 119688.9/2

In: 69.831 $\pm$ 0.061 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 81.290 $\pm$ 0.051 χ^2 /NDF: 119688.9/2

asym_sam_13_57_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -888.777+/-600.392 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.042+/-597.318 χ^2/NDF : 2.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

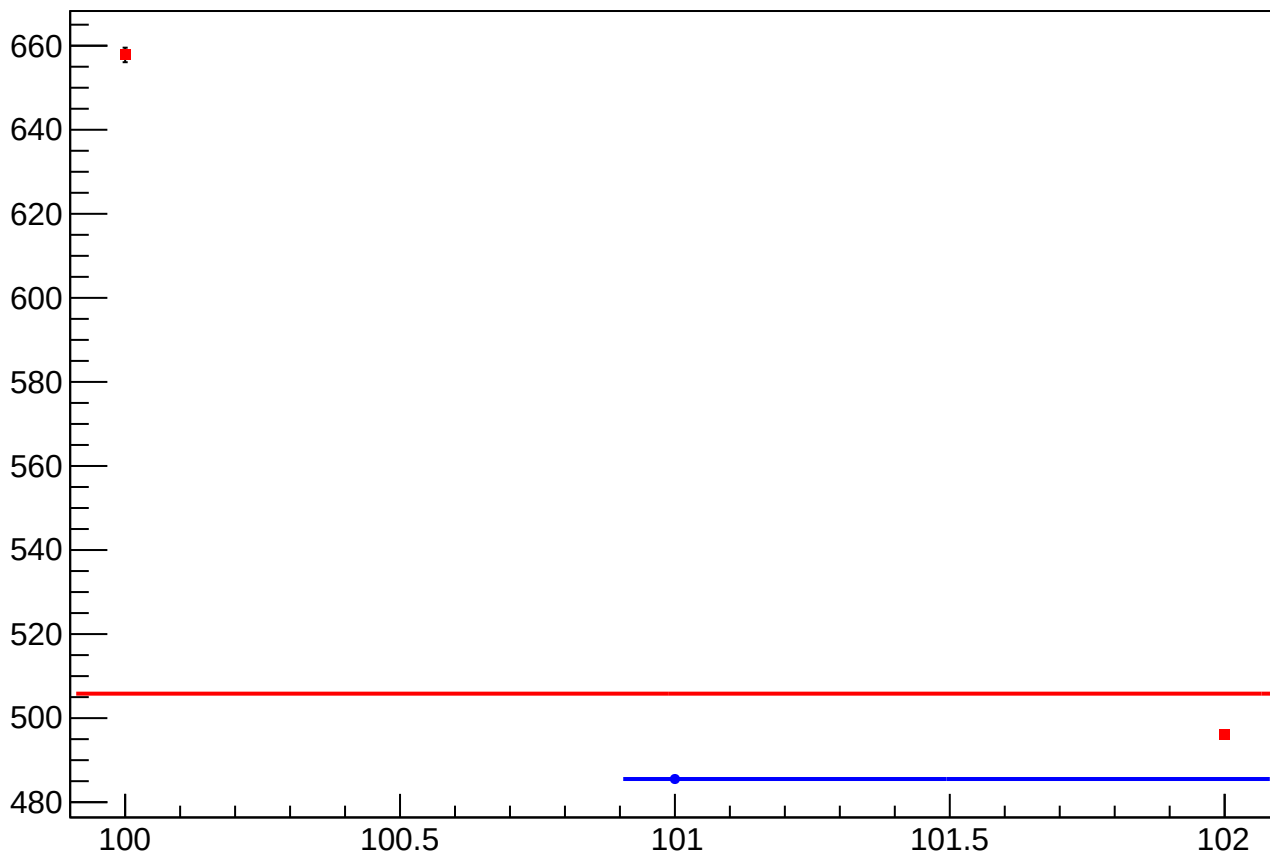
Right: -359.163+/-423.450 χ^2/NDF : 3.6/2

In: -888.777+/-600.392 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -359.163+/-423.450 χ^2/NDF : 3.6/2

asym_sam_13_57_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 485.515 $\pm$ 0.425 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 505.826 $\pm$ 0.422 χ^2 /NDF: 8217.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

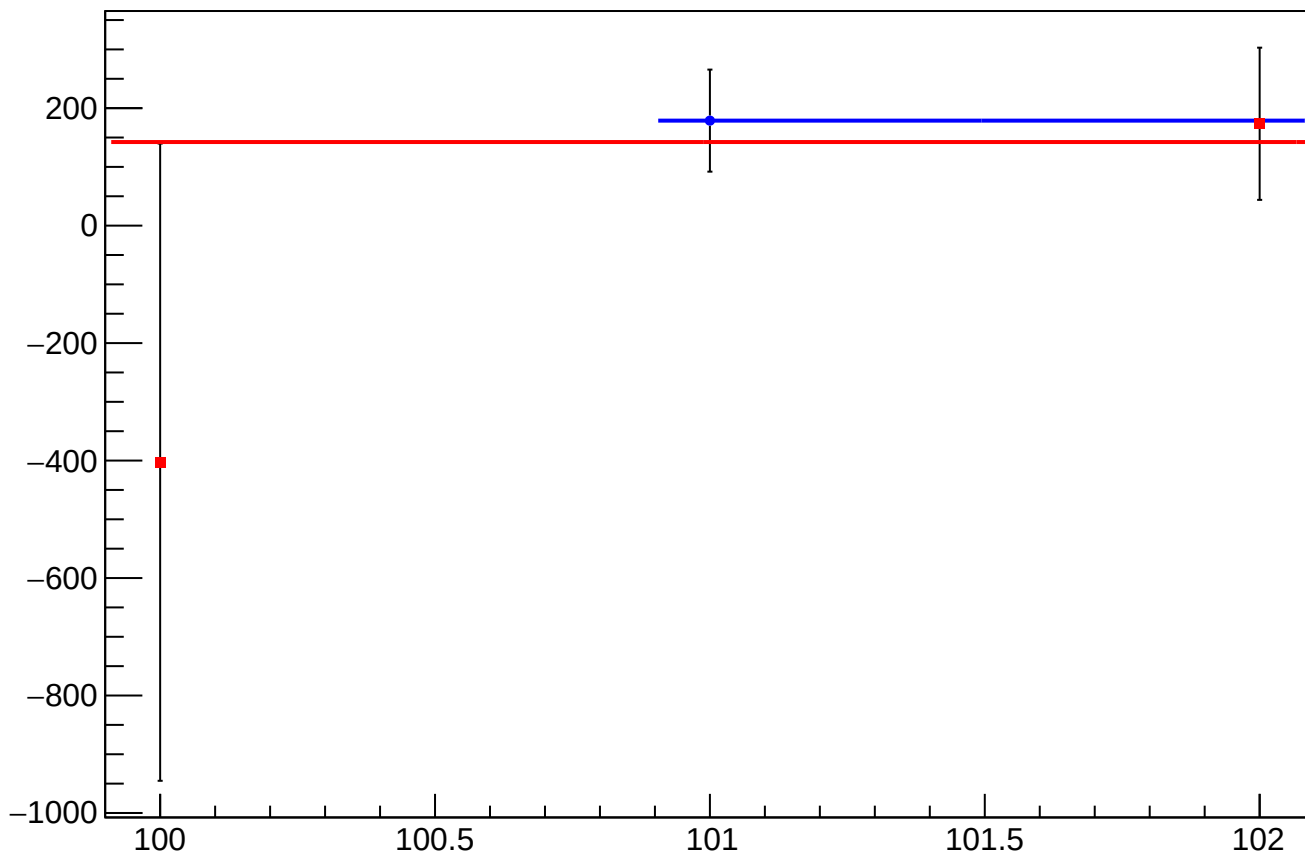
Right: 495.722 $\pm$ 0.299 χ^2 /NDF: 9368.0/2

In: 485.515 $\pm$ 0.425 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 495.722 $\pm$ 0.299 χ^2 /NDF: 9368.0/2

cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 178.761 $\pm$ 86.880 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 142.322 $\pm$ 126.016 χ^2 /NDF: 1.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

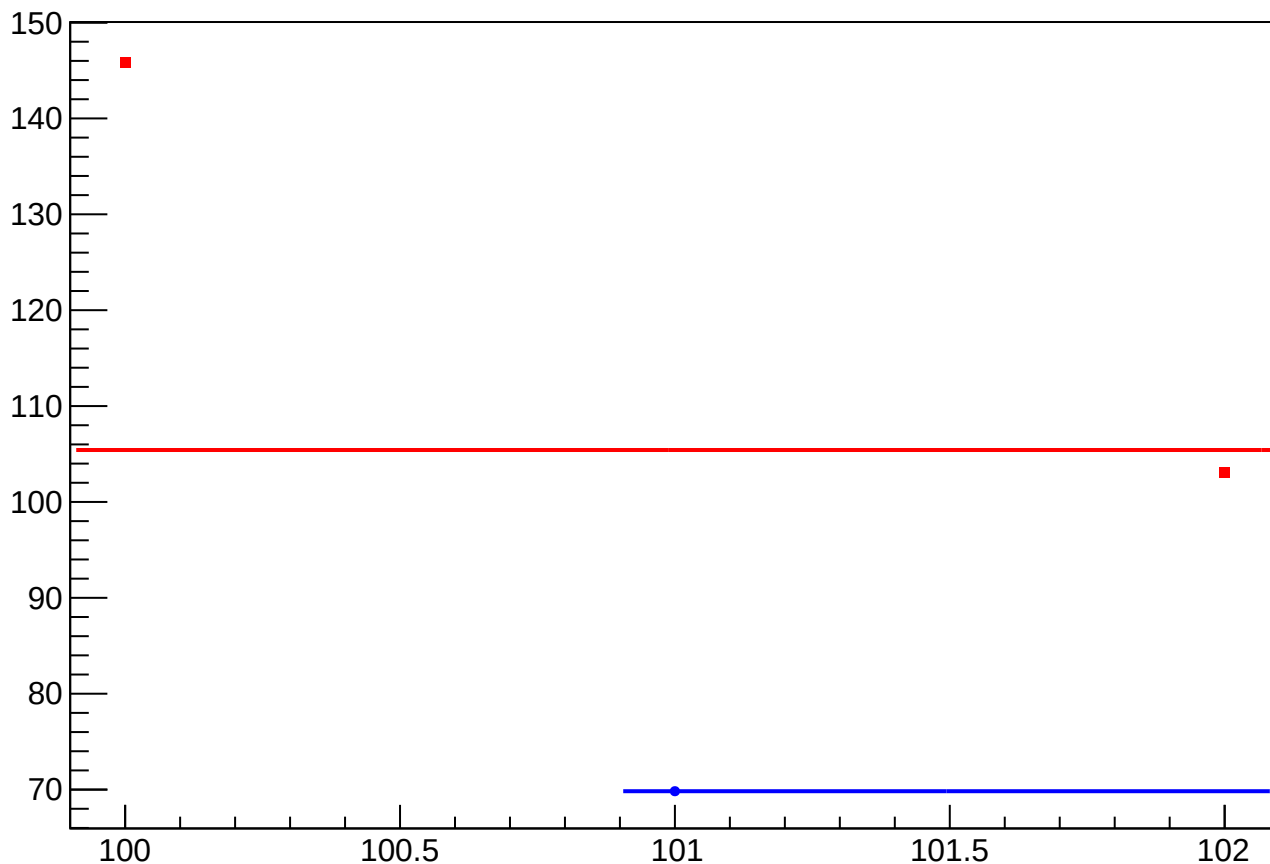
Right: 167.021 $\pm$ 71.528 χ^2 /NDF: 1.1/2

In: 178.761 $\pm$ 86.880 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 167.021 $\pm$ 71.528 χ^2 /NDF: 1.1/2

cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 69.832 $\pm$ 0.061 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 105.417 $\pm$ 0.089 χ^2 /NDF: 11744.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

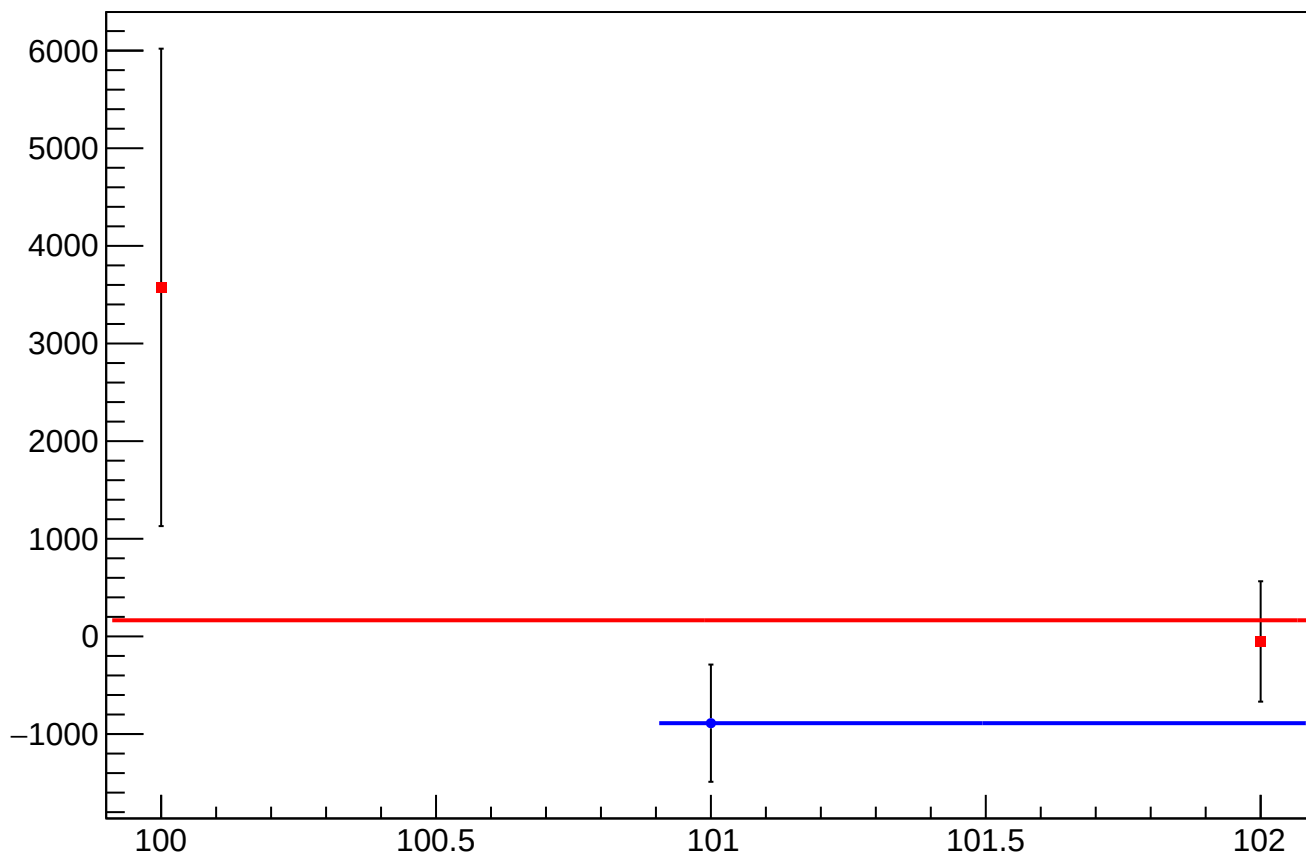
Right: 81.297 $\pm$ 0.051 χ^2 /NDF: 119850.7/2

In: 69.832 $\pm$ 0.061 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 81.297 $\pm$ 0.051 χ^2 /NDF: 119850.7/2

asym_sam_13_57_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -888.763+/-600.394 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.110+/-597.822 χ^2/NDF : 2.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

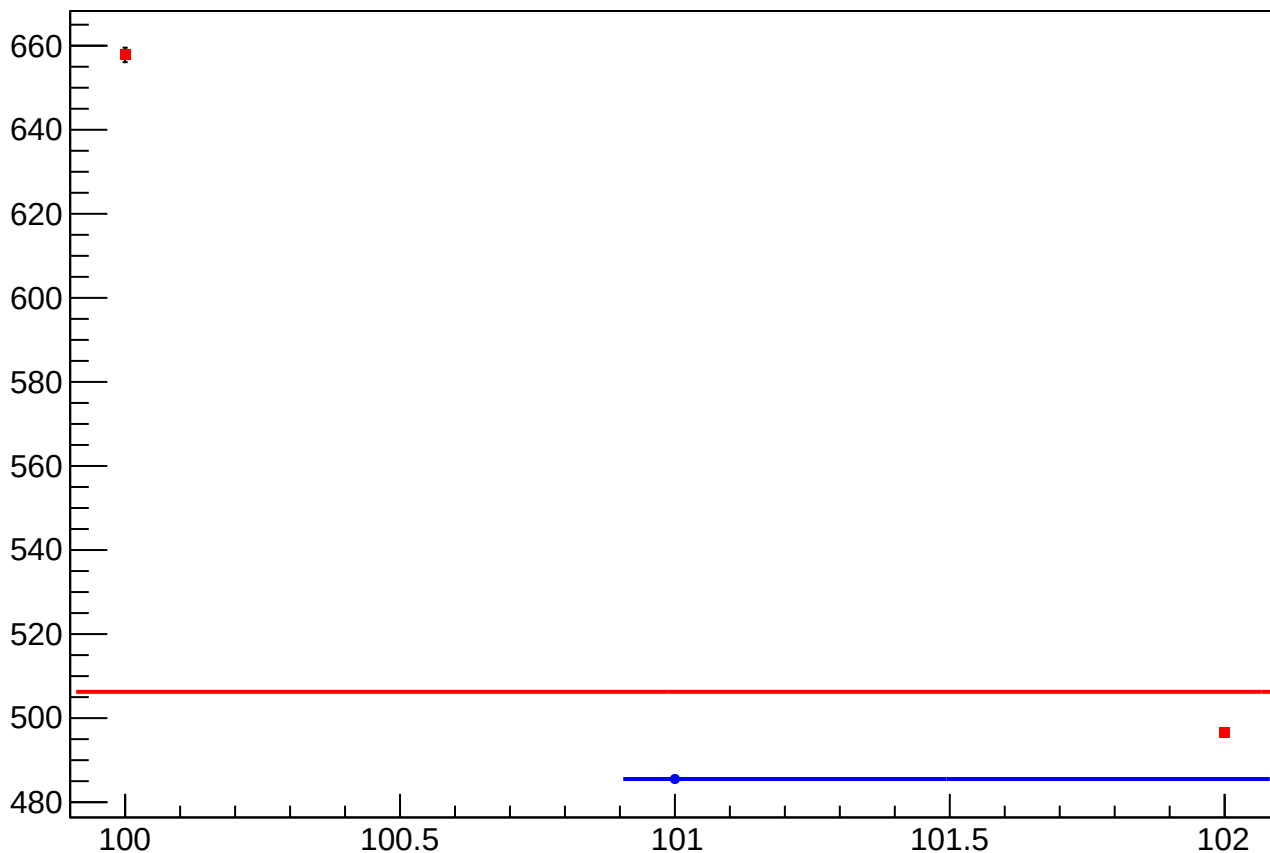
Right: -359.565+/-423.630 χ^2/NDF : 3.6/2

In: -888.763+/-600.394 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -359.565+/-423.630 χ^2/NDF : 3.6/2

asym_sam_13_57_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 485.516 $\pm$ 0.425 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 506.265 $\pm$ 0.423 χ^2 /NDF: 8171.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

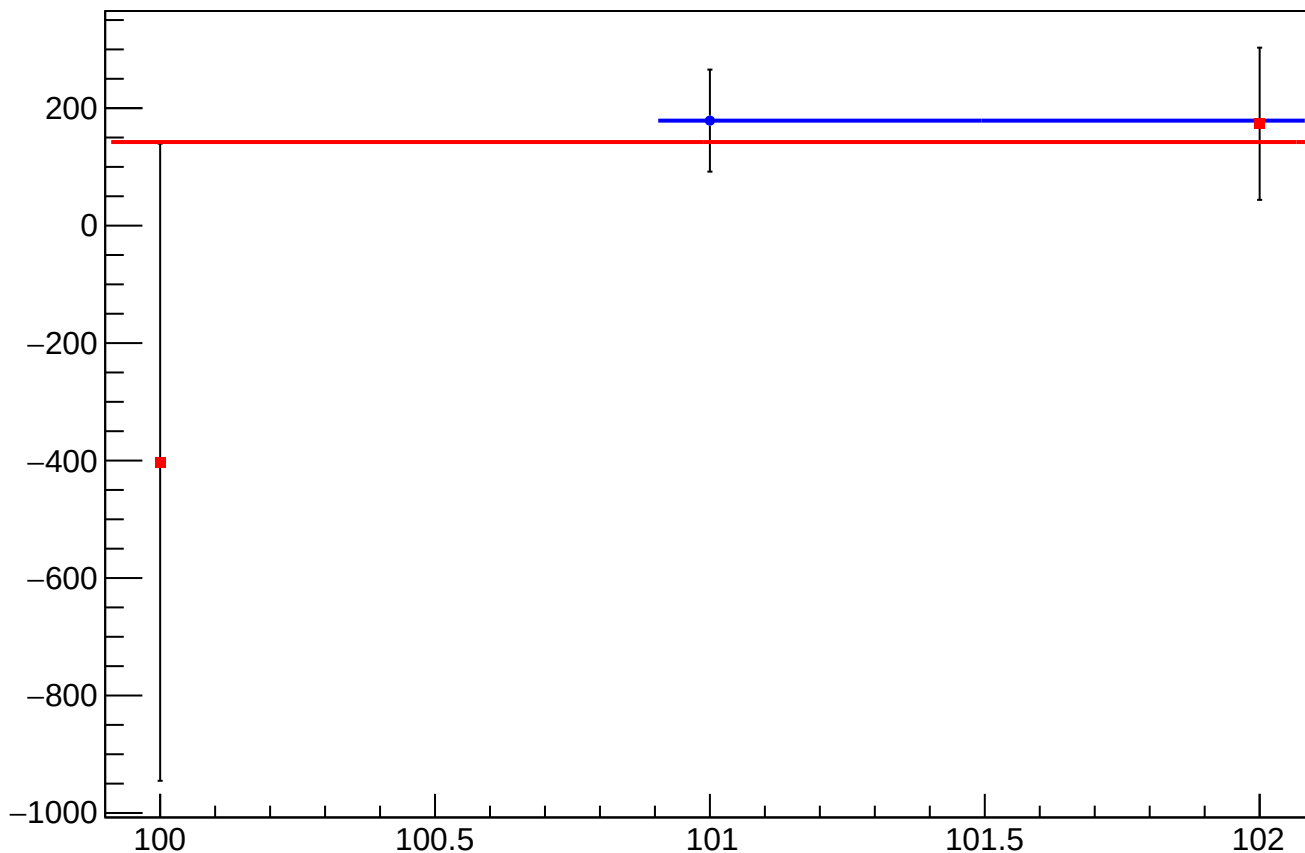
Right: 495.935 $\pm$ 0.300 χ^2 /NDF: 9370.6/2

In: 485.516 $\pm$ 0.425 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 495.935 $\pm$ 0.300 χ^2 /NDF: 9370.6/2

eigen_cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 178.761+/-86.880 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.322+/-126.016 χ^2/NDF : 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

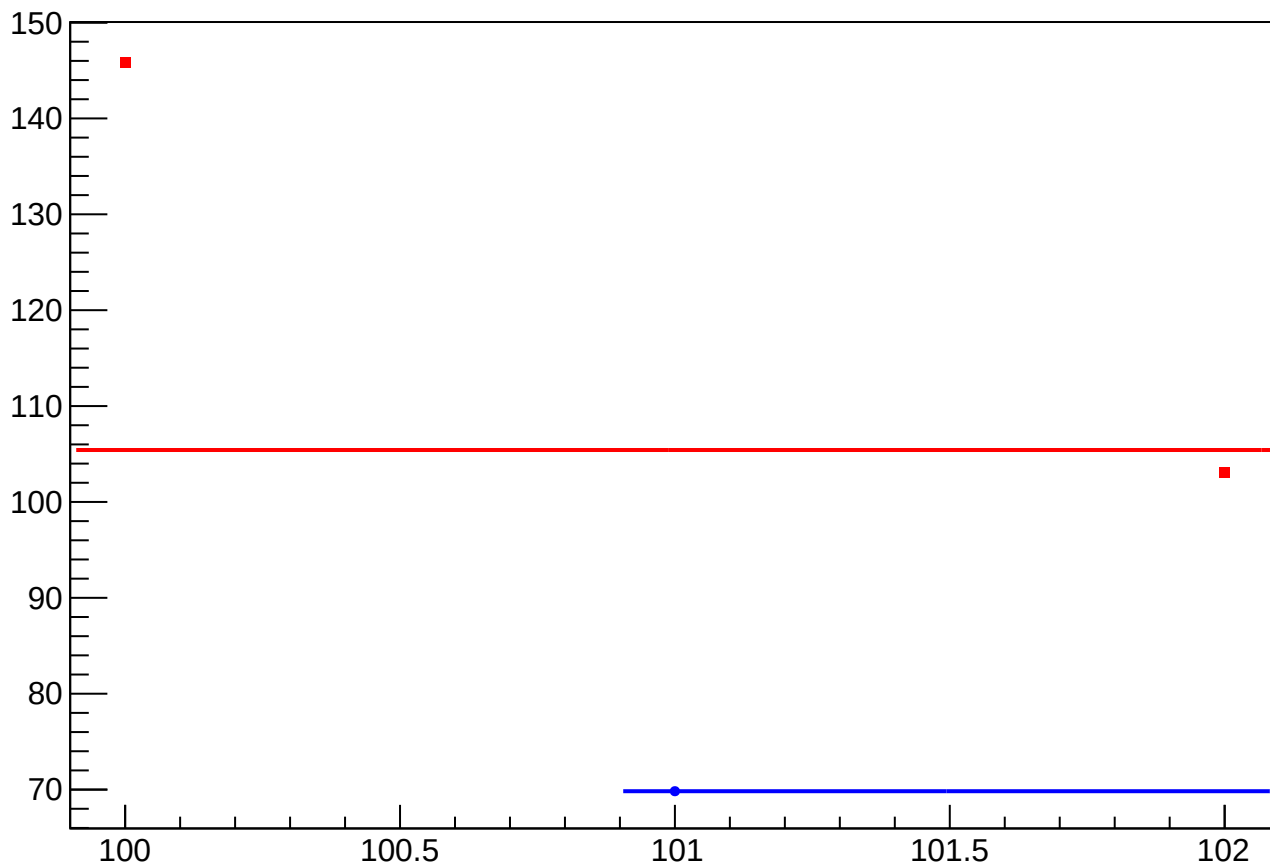
Right: 167.021+/-71.528 χ^2/NDF : 1.1/2

In: 178.761+/-86.880 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.021+/-71.528 χ^2/NDF : 1.1/2

eigen_cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 69.832 $\pm$ 0.061 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 105.417 $\pm$ 0.089 χ^2 /NDF: 11744.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

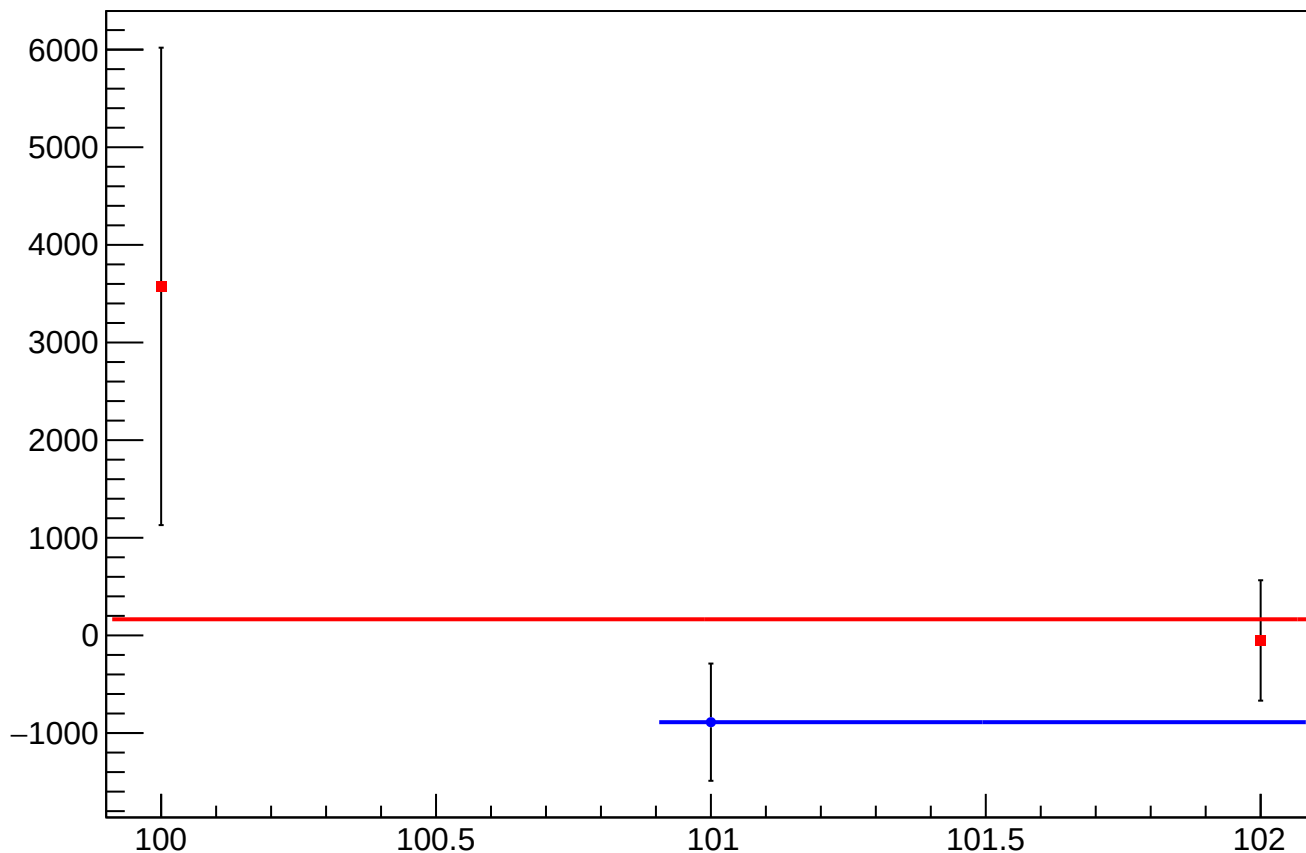
Right: 81.297 $\pm$ 0.051 χ^2 /NDF: 119850.7/2

In: 69.832 $\pm$ 0.061 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 81.297 $\pm$ 0.051 χ^2 /NDF: 119850.7/2

asym_sam_13_57_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -888.763+/-600.394 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.110+/-597.822 χ^2/NDF : 2.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

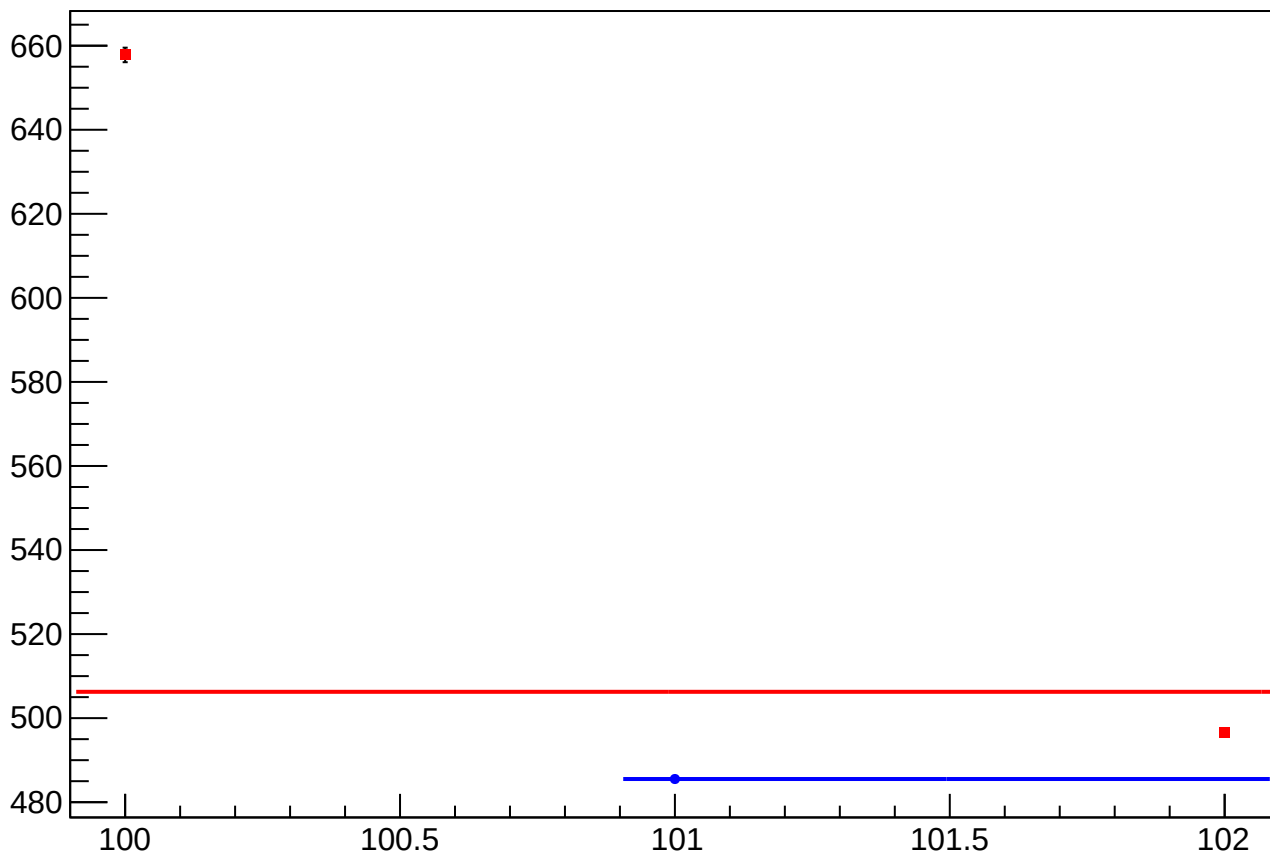
Right: -359.565+/-423.630 χ^2/NDF : 3.6/2

In: -888.763+/-600.394 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -359.565+/-423.630 χ^2/NDF : 3.6/2

asym_sam_13_57_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 485.516+/-0.425 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 506.265+/-0.423 χ^2/NDF : 8171.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

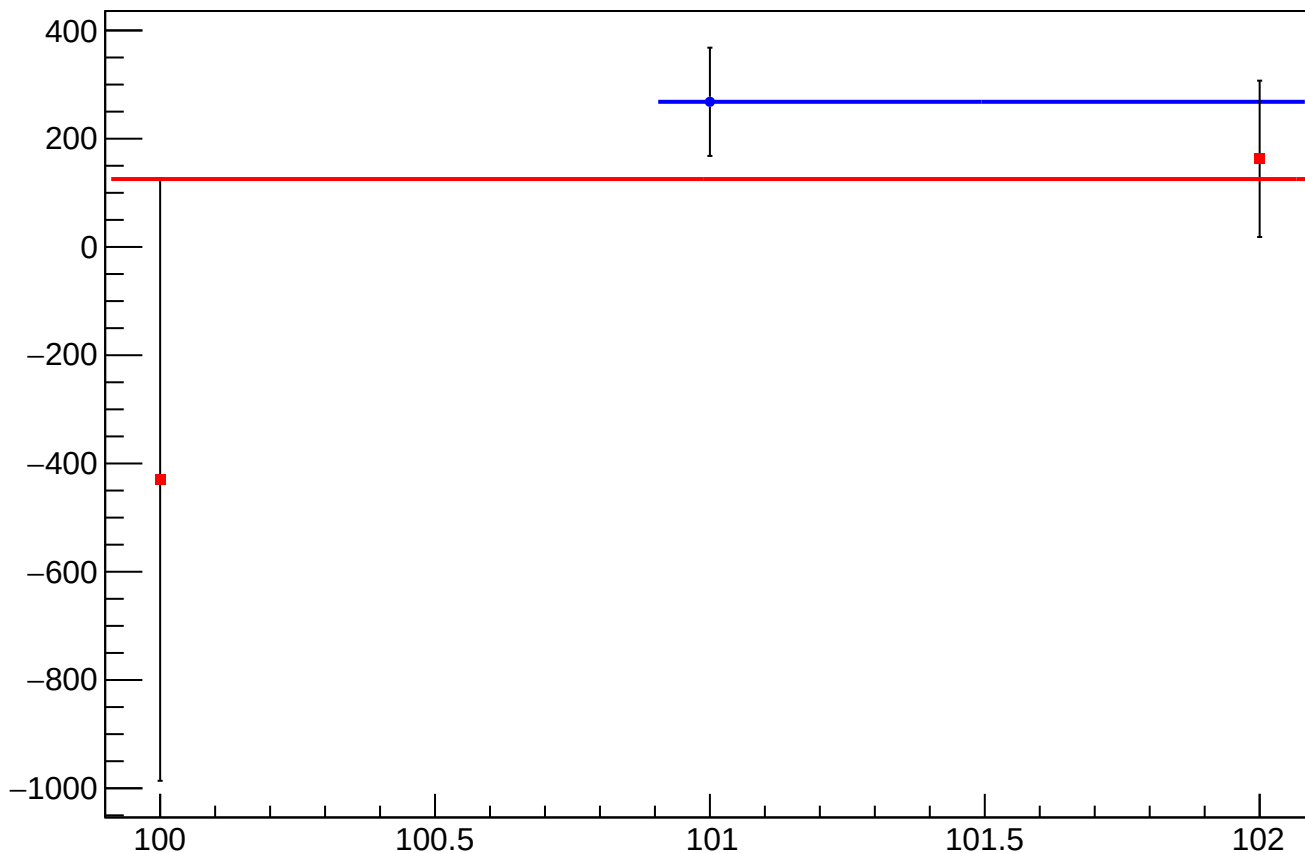
Right: 495.935+/-0.300 χ^2/NDF : 9370.6/2

In: 485.516+/-0.425 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 495.935+/-0.300 χ^2/NDF : 9370.6/2

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 268.162 $\pm$ 99.996 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 125.470 $\pm$ 139.784 χ^2 /NDF: 1.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

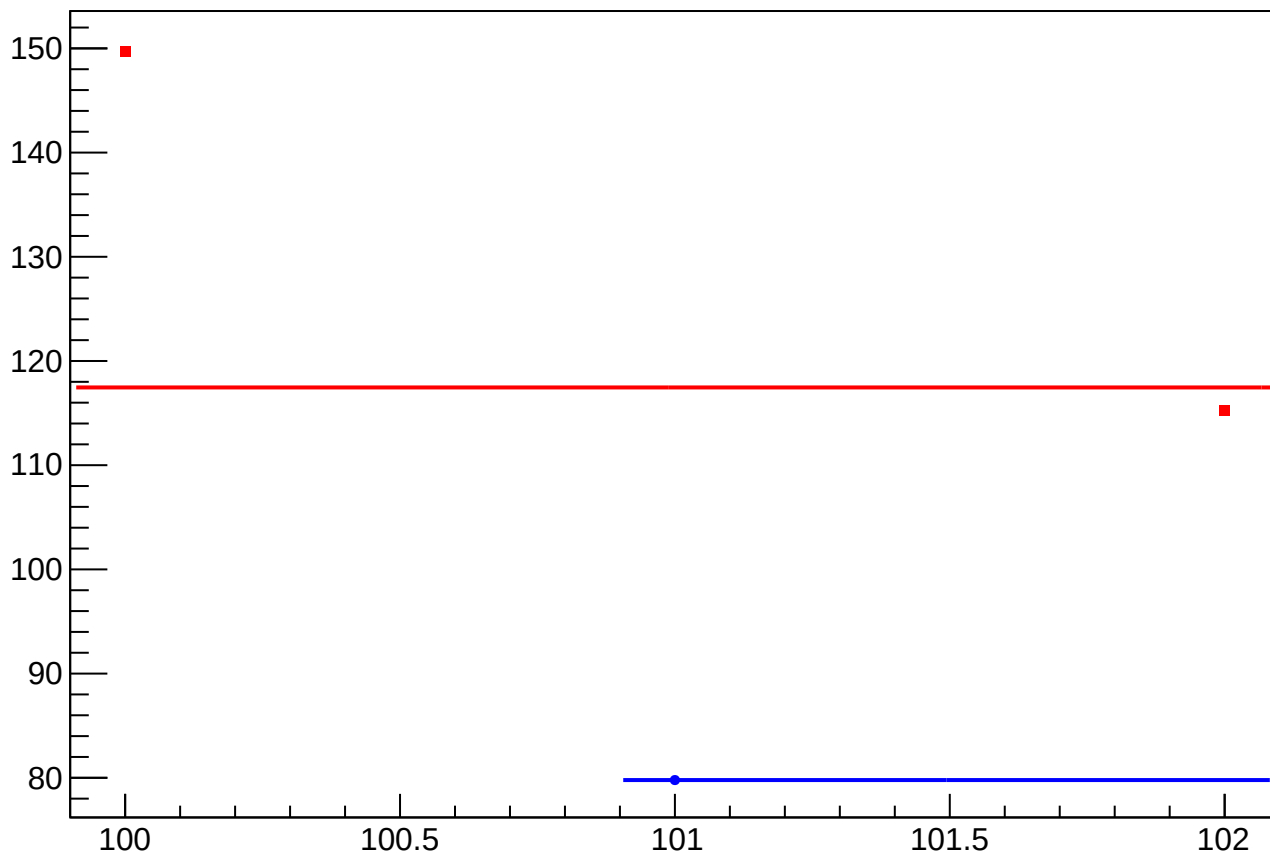
Right: 219.859 $\pm$ 81.329 χ^2 /NDF: 1.7/2

In: 268.162 $\pm$ 99.996 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 219.859 $\pm$ 81.329 χ^2 /NDF: 1.7/2

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 79.783+/-0.071 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 117.461+/-0.099 χ^2/NDF : 7144.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

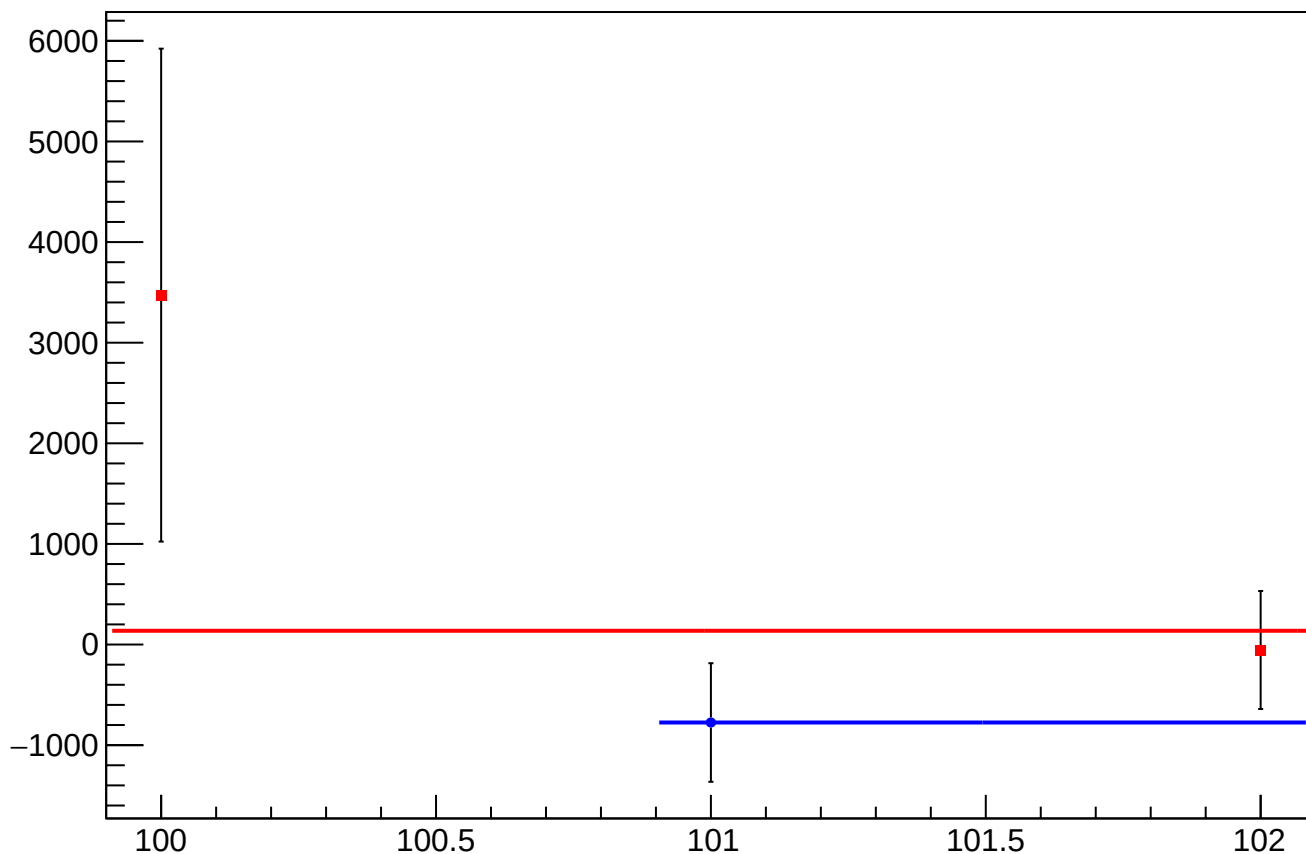
Right: 92.537+/-0.058 χ^2/NDF : 103266.0/2

In: 79.783+/-0.071 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.537+/-0.058 χ^2/NDF : 103266.0/2

asym_sam_13_57_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -774.926+/-589.323 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.743+/-570.267 χ^2/NDF : 2.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

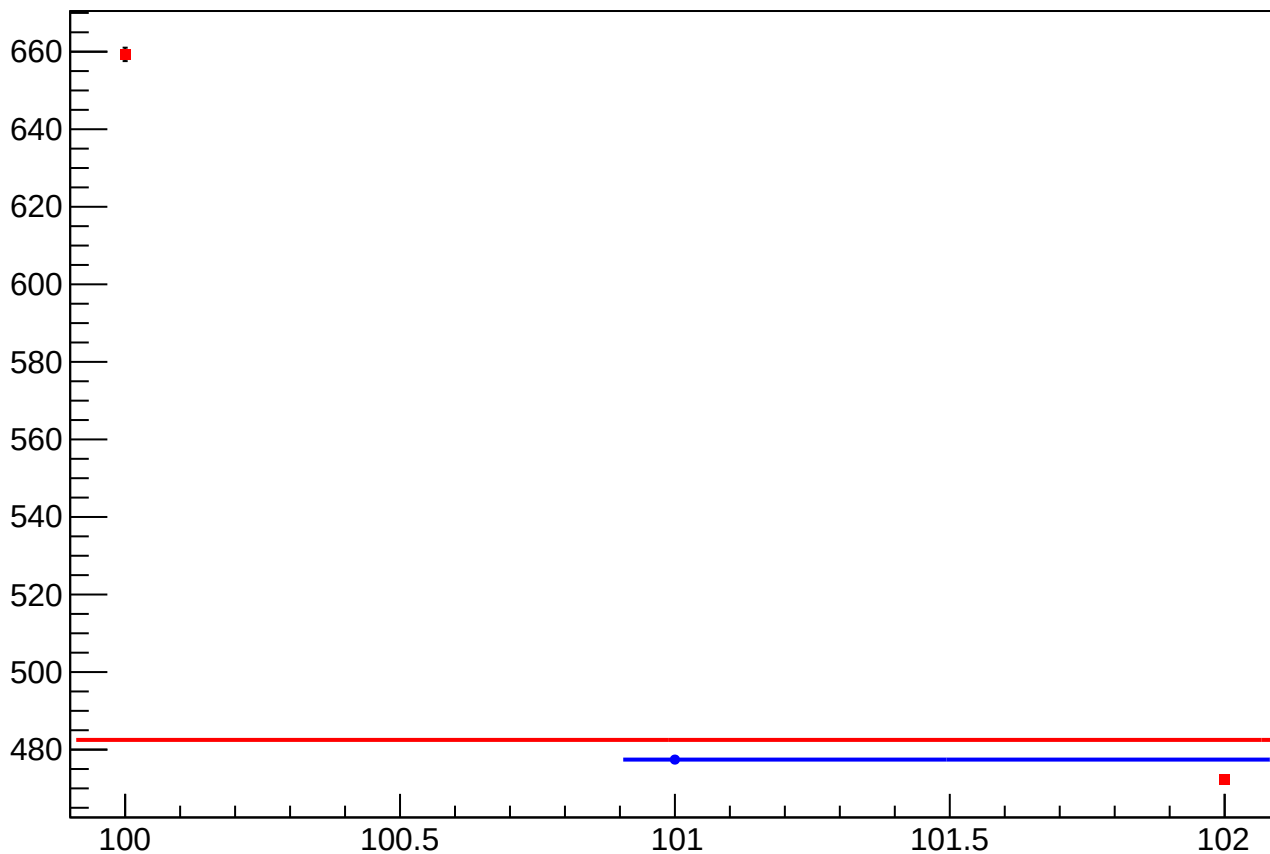
Right: -304.113+/-409.811 χ^2/NDF : 3.2/2

In: -774.926+/-589.323 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -304.113+/-409.811 χ^2/NDF : 3.2/2

asym_sam_13_57_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 477.427 $\pm$ 0.417 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 482.505 $\pm$ 0.403 χ^2 /NDF: 11016.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

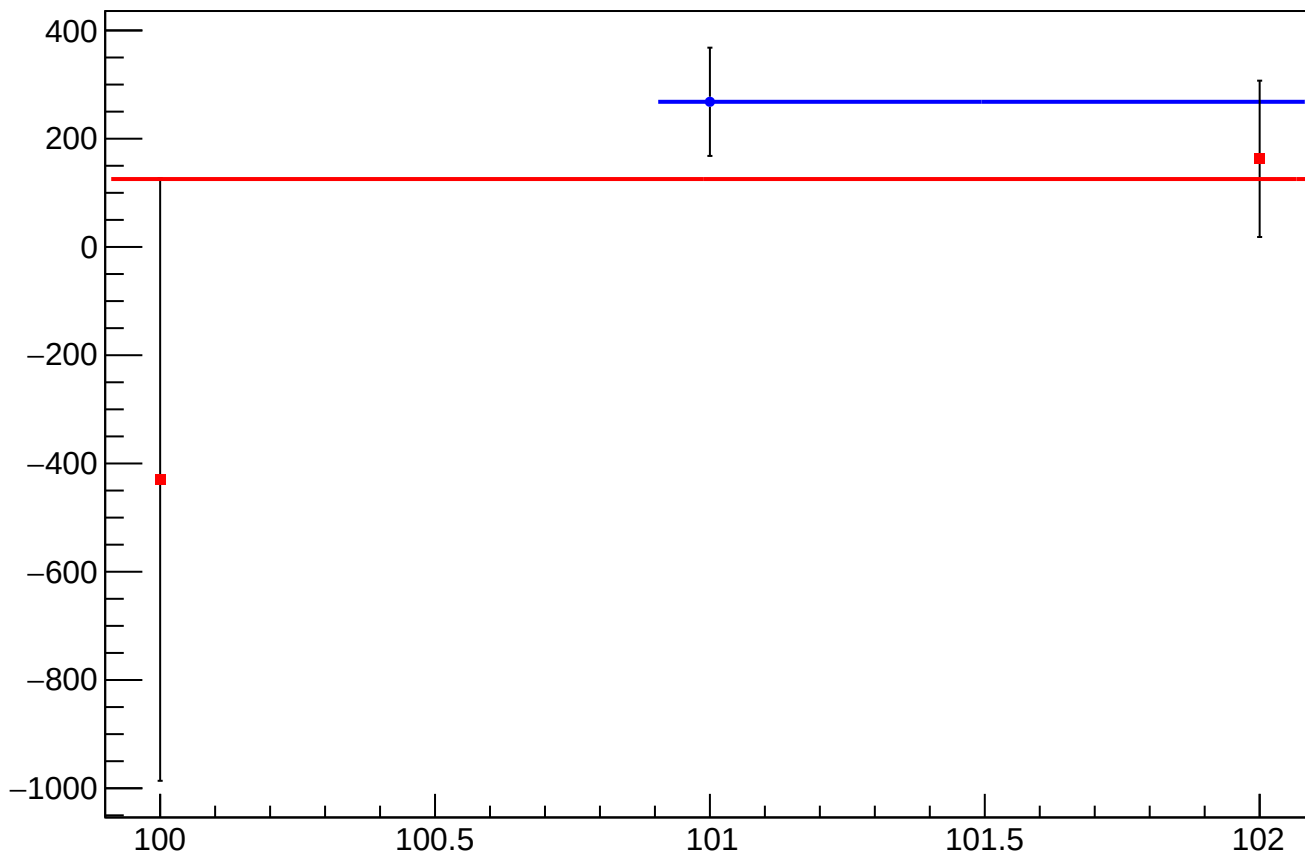
Right: 480.049 $\pm$ 0.290 χ^2 /NDF: 11092.7/2

In: 477.427 $\pm$ 0.417 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 480.049 $\pm$ 0.290 χ^2 /NDF: 11092.7/2

eigen_dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 268.167+/-99.997 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.470+/-139.785 χ^2/NDF : 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

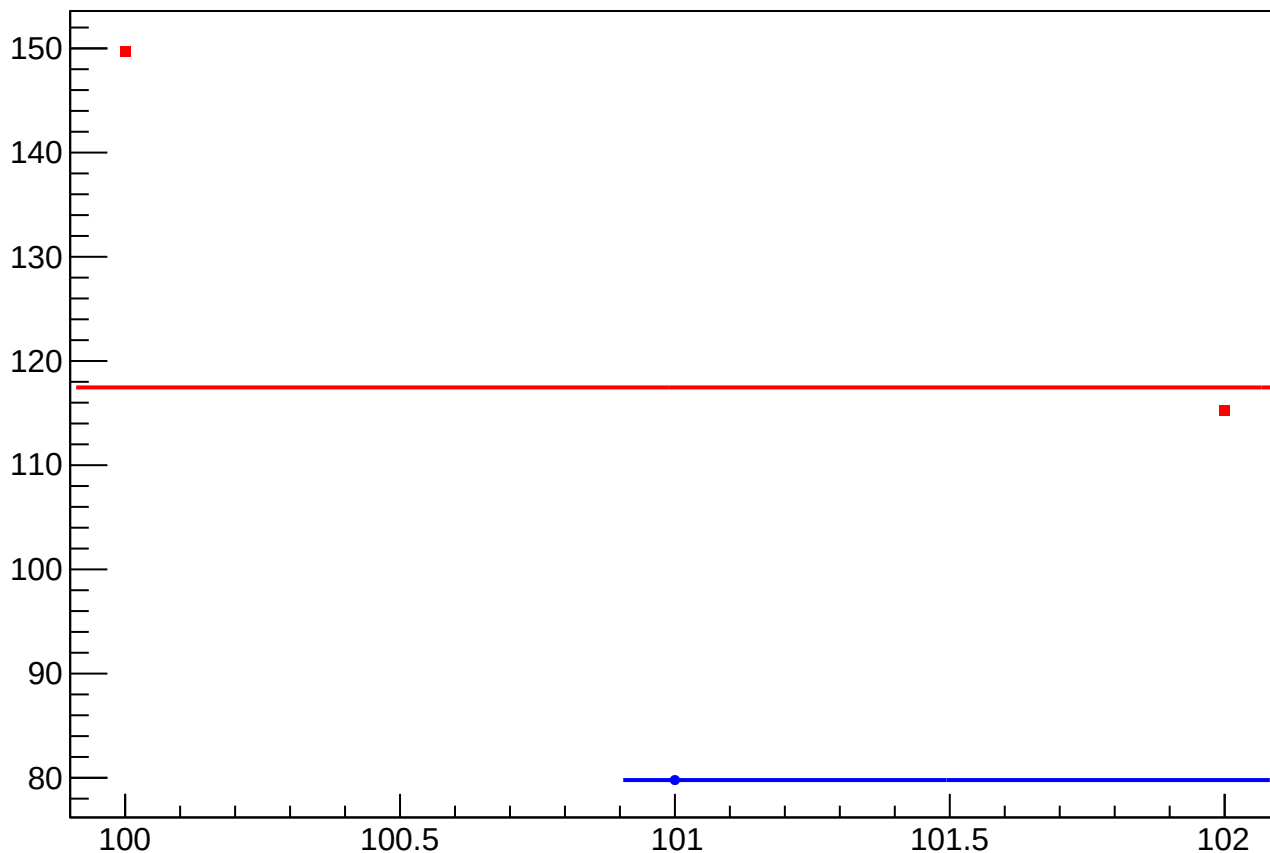
Right: 219.862+/-81.329 χ^2/NDF : 1.7/2

In: 268.167+/-99.997 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 219.862+/-81.329 χ^2/NDF : 1.7/2

eigen_dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 79.783+/-0.071 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 117.462+/-0.099 χ^2/NDF : 7144.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

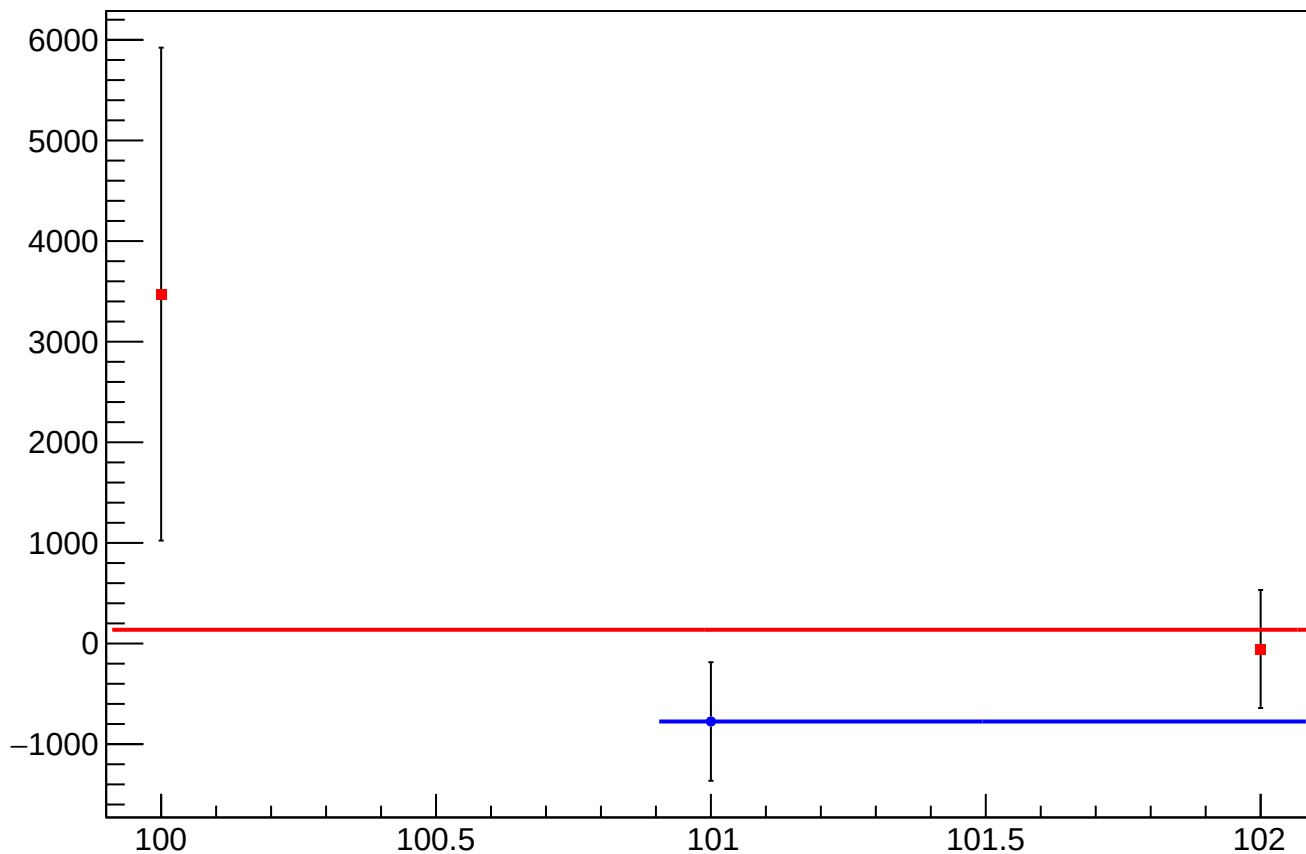
Right: 92.538+/-0.058 χ^2/NDF : 103267.0/2

In: 79.783+/-0.071 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.538+/-0.058 χ^2/NDF : 103267.0/2

asym_sam_13_57_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -774.922+/-589.321 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.743+/-570.265 χ^2/NDF : 2.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

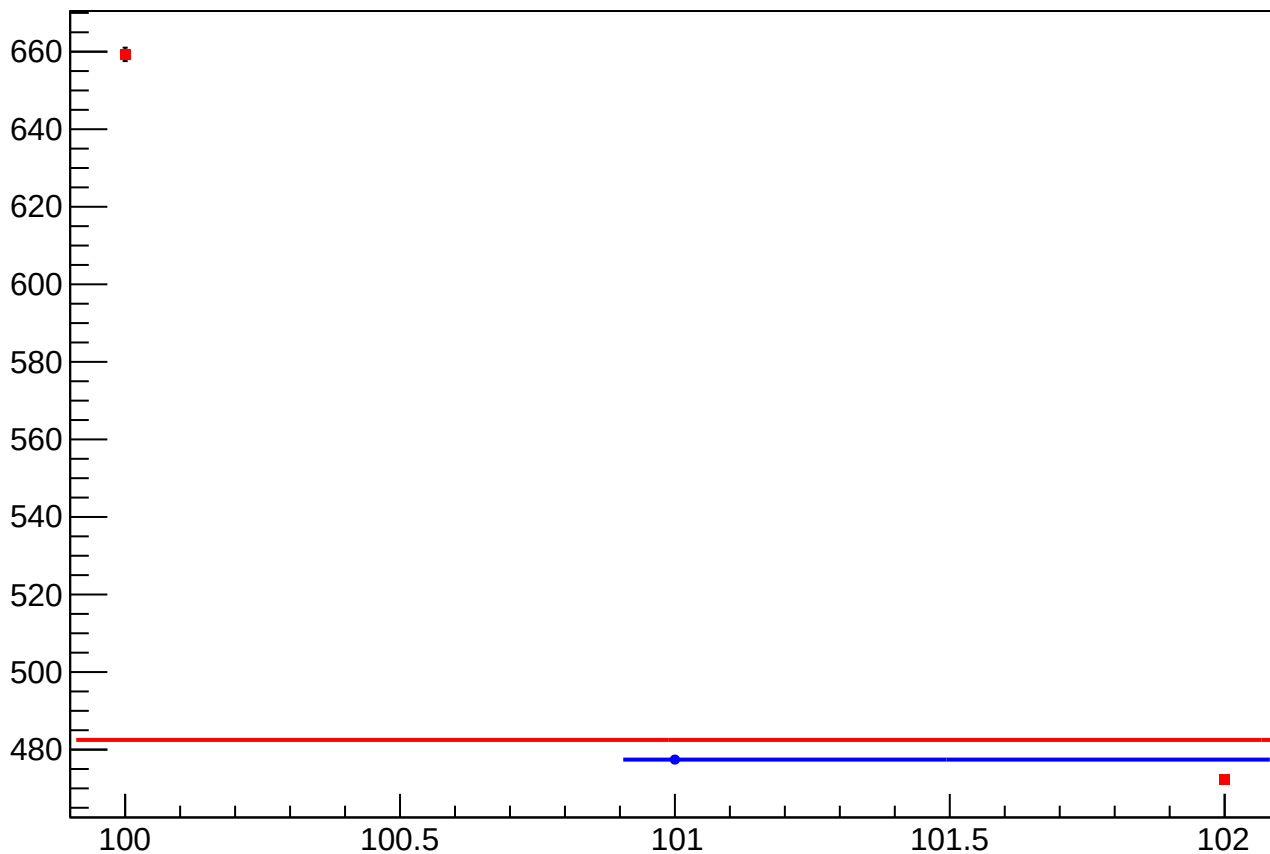
Right: -304.112+/-409.809 χ^2/NDF : 3.2/2

In: -774.922+/-589.321 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -304.112+/-409.809 χ^2/NDF : 3.2/2

asym_sam_13_57_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 477.425 $\pm$ 0.417 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 482.503 $\pm$ 0.403 χ^2 /NDF: 11016.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

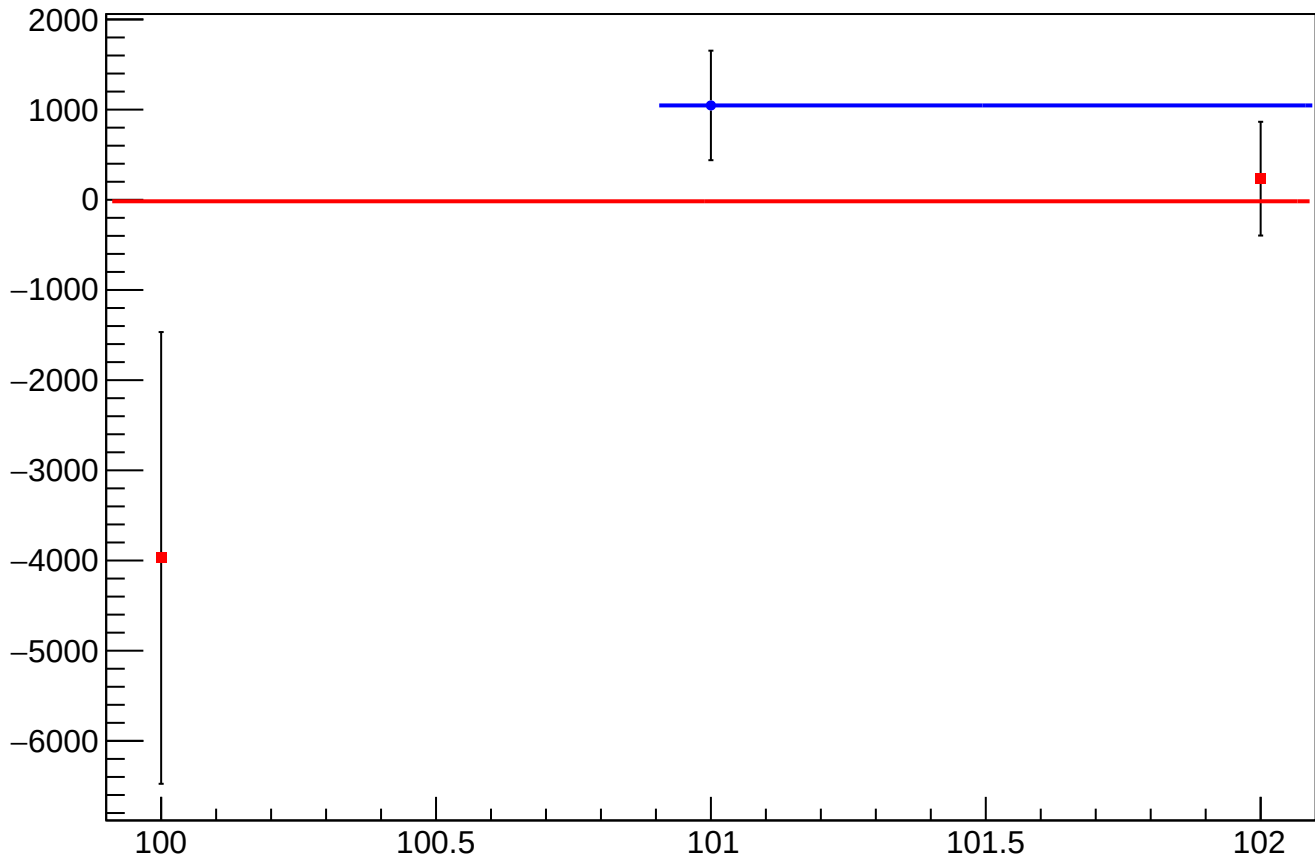
Right: 480.047 $\pm$ 0.290 χ^2 /NDF: 11092.7/2

In: 477.425 $\pm$ 0.417 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 480.047 $\pm$ 0.290 χ^2 /NDF: 11092.7/2

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 1046.411+/-607.191 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.522+/-611.627 χ^2/NDF : 2.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

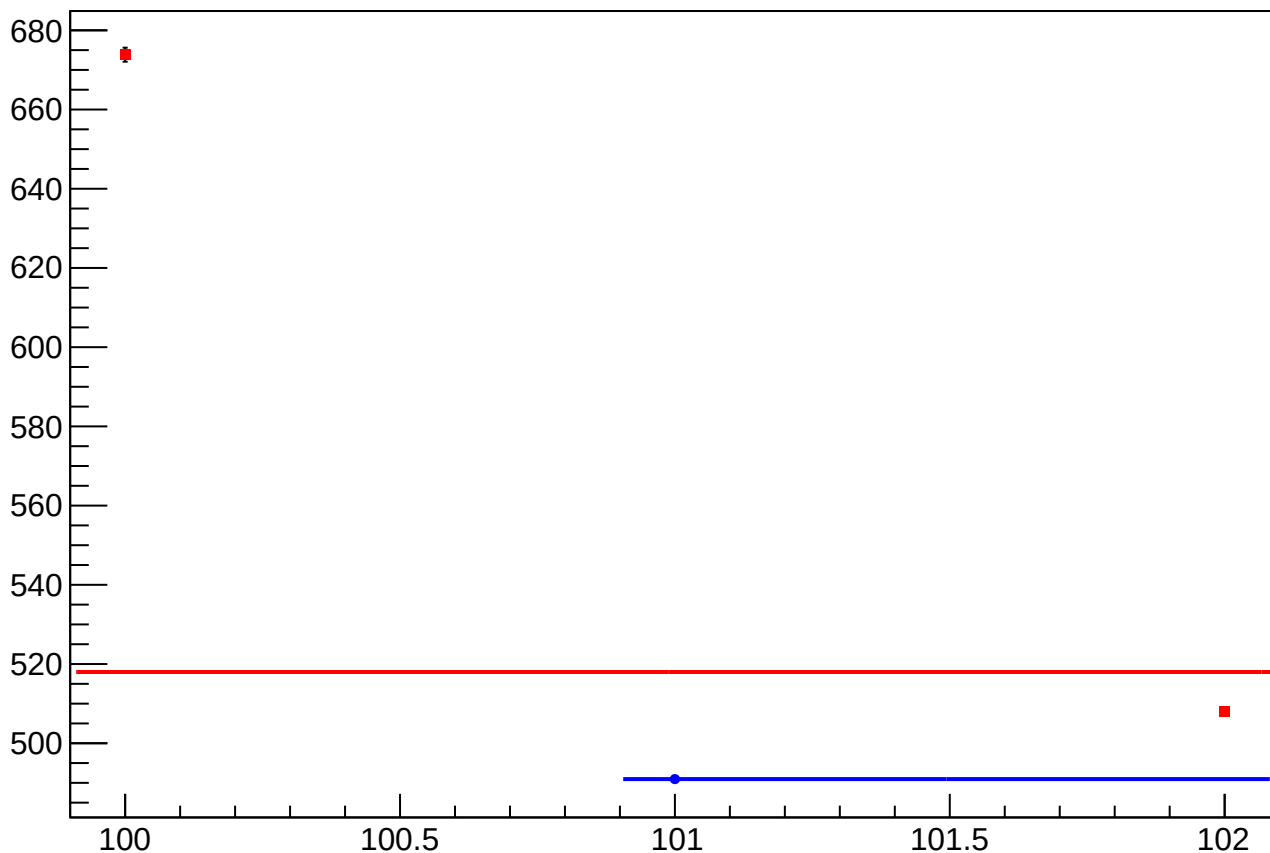
Right: 518.813+/-430.909 χ^2/NDF : 4.2/2

In: 1046.411+/-607.191 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 518.813+/-430.909 χ^2/NDF : 4.2/2

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 490.949 $\pm$ 0.429 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 517.990 $\pm$ 0.432 χ^2 /NDF: 8235.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

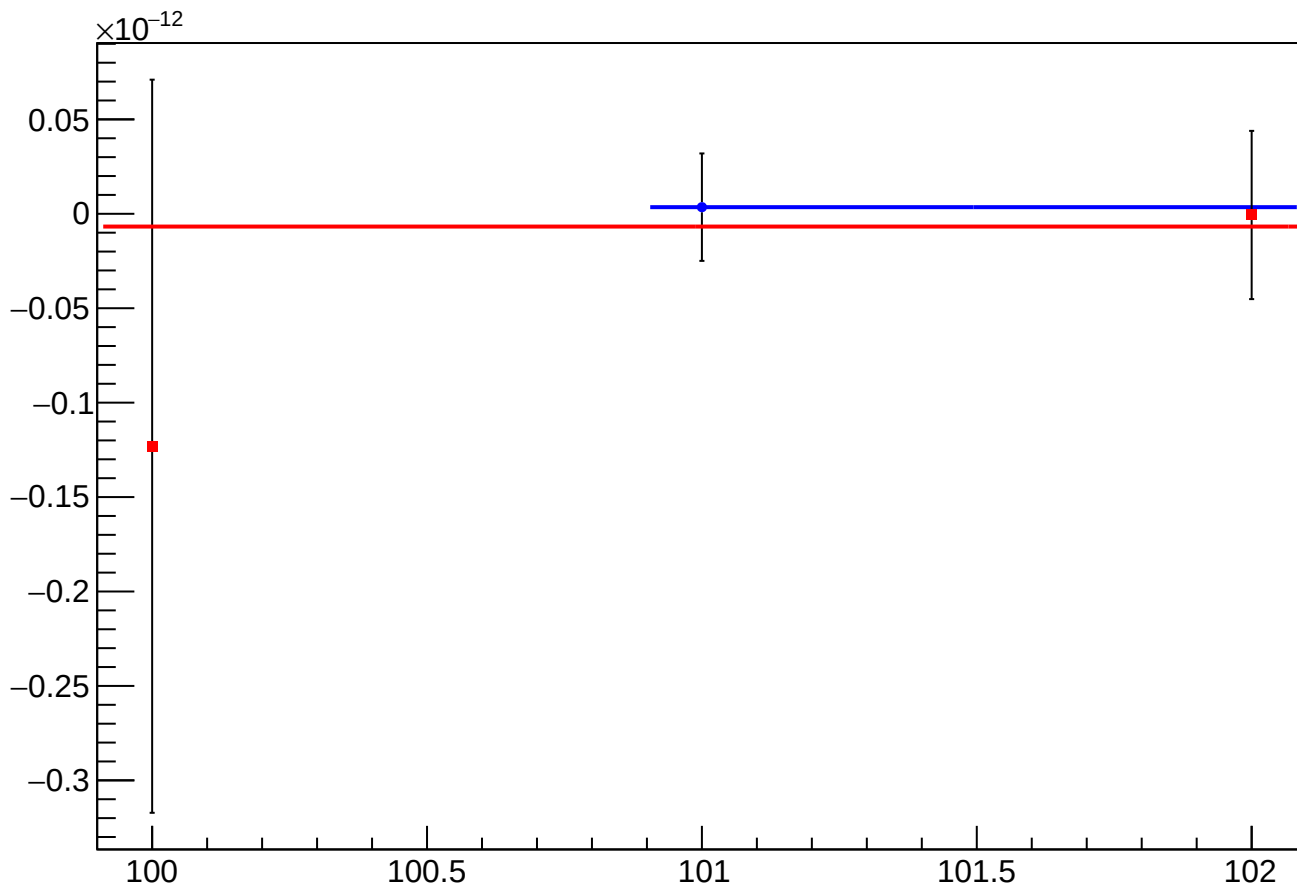
Right: 504.371 $\pm$ 0.305 χ^2 /NDF: 10204.2/2

In: 490.949 $\pm$ 0.429 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 504.371 $\pm$ 0.305 χ^2 /NDF: 10204.2/2

asym_sam_13_57_dd_reg_vs_cor_diff_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 : 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

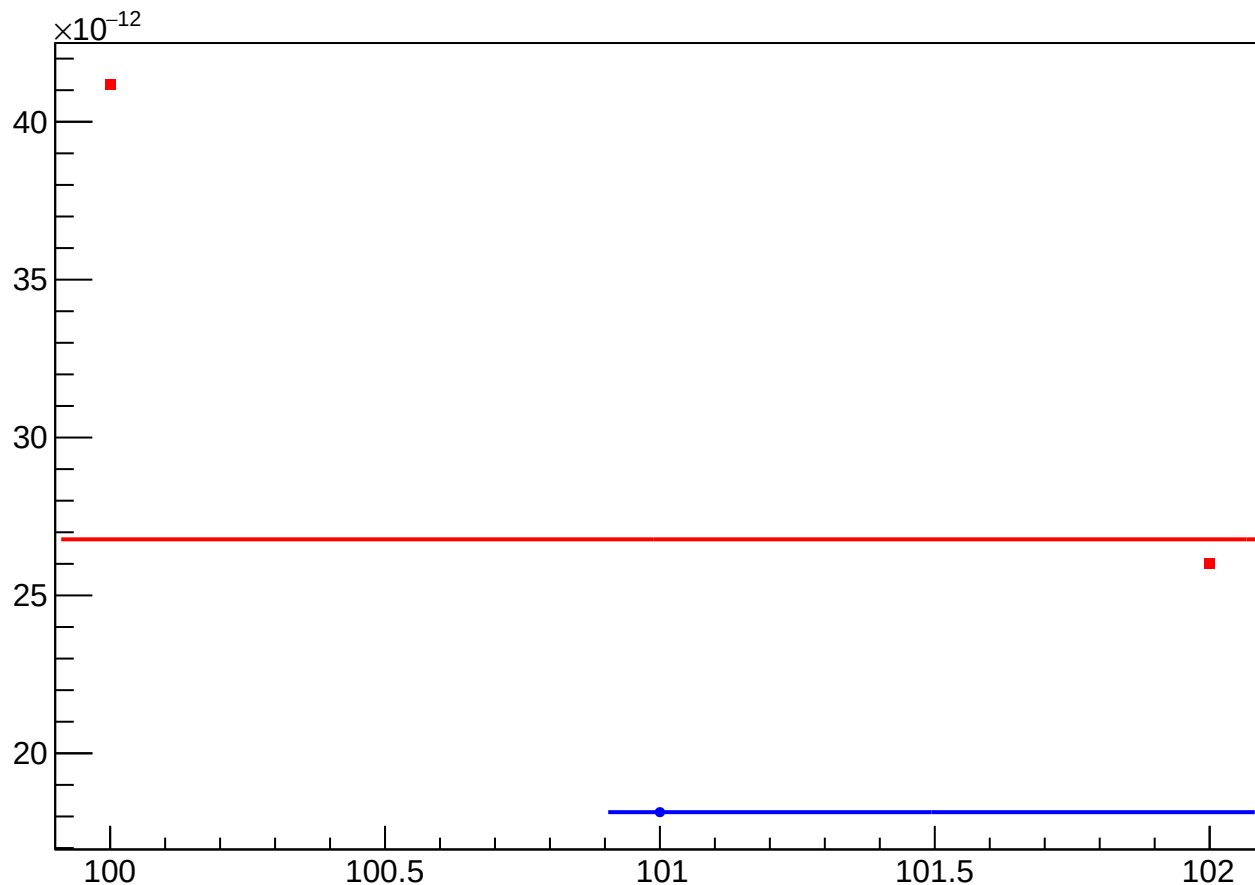
Right: 0.000+/-0.000 χ^2/NDF : 0.4/2

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 : 0.4/2

asym_sam_13_57_dd_reg_vs_cor_diff_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 : 11619.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

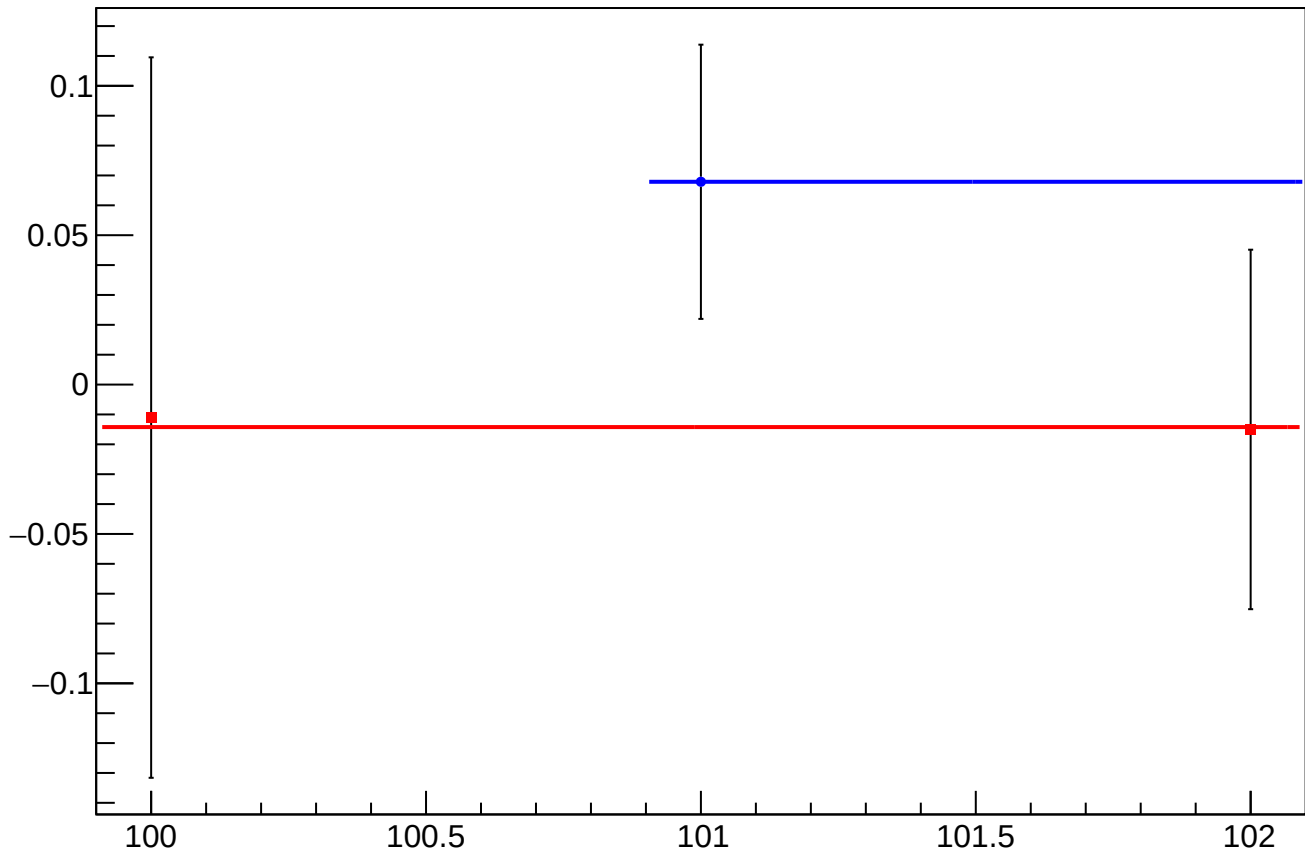
Right: 0.000+/-0.000 χ^2/NDF : 67042.2/2

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 : 67042.2/2

asym_sam_13_57_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.068±/-0.046 χ^2 /NDF: 0.0/0

Left Out: 0.000±/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.014±/-0.054 χ^2 /NDF: 0.0/1

Left In: 0.000±/-0.000 χ^2 /NDF:0.0/0

Left: 0.000±/-0.000 χ^2 /NDF: 0.0/0

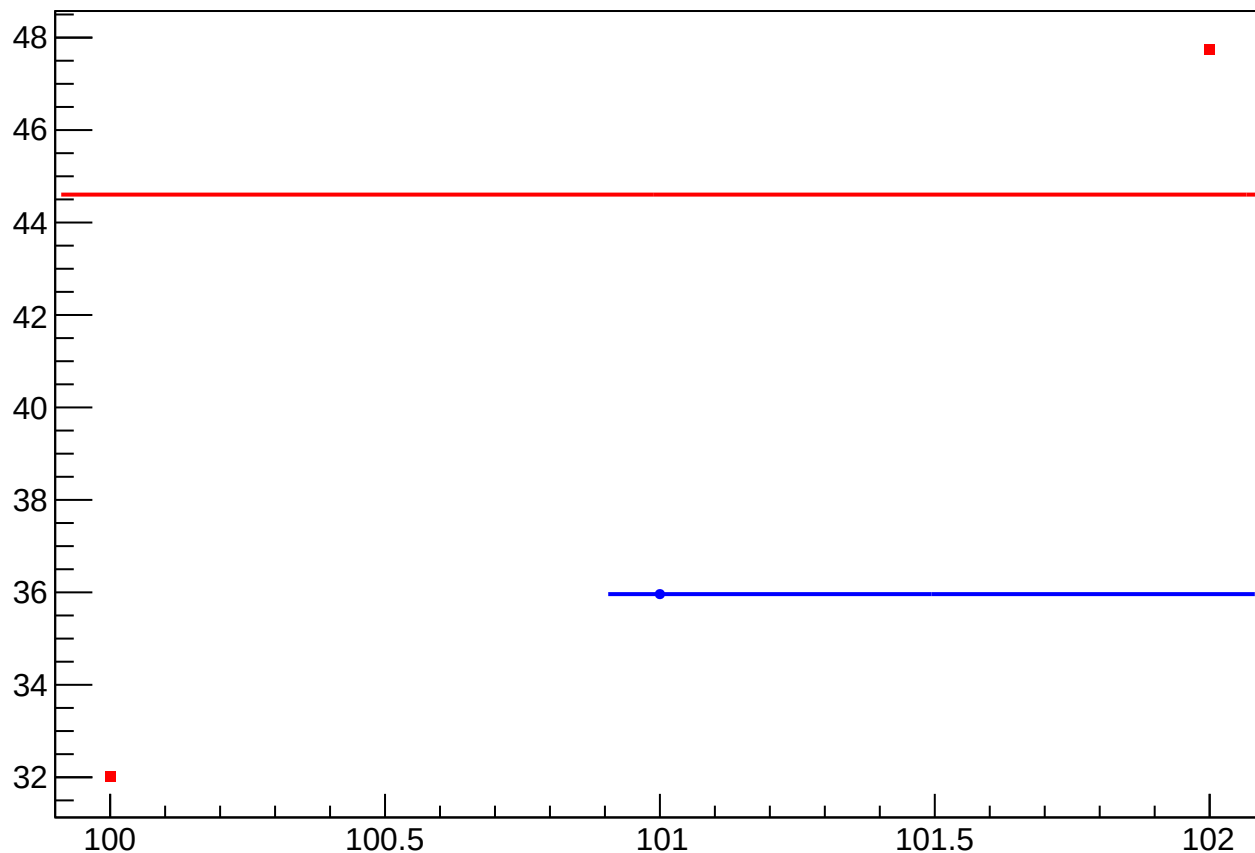
Right: 0.033±/-0.035 χ^2 /NDF: 1.3/2

In: 0.068±/-0.046 χ^2 /NDF:0.0/0

Out: 0.000±/-0.000 χ^2 /NDF:0.0/0

All: 0.033±/-0.035 χ^2 /NDF: 1.3/2

asym_sam_13_57_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.962 $\pm$ 0.032 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 44.604 $\pm$ 0.038 χ^2 /NDF: 27253.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

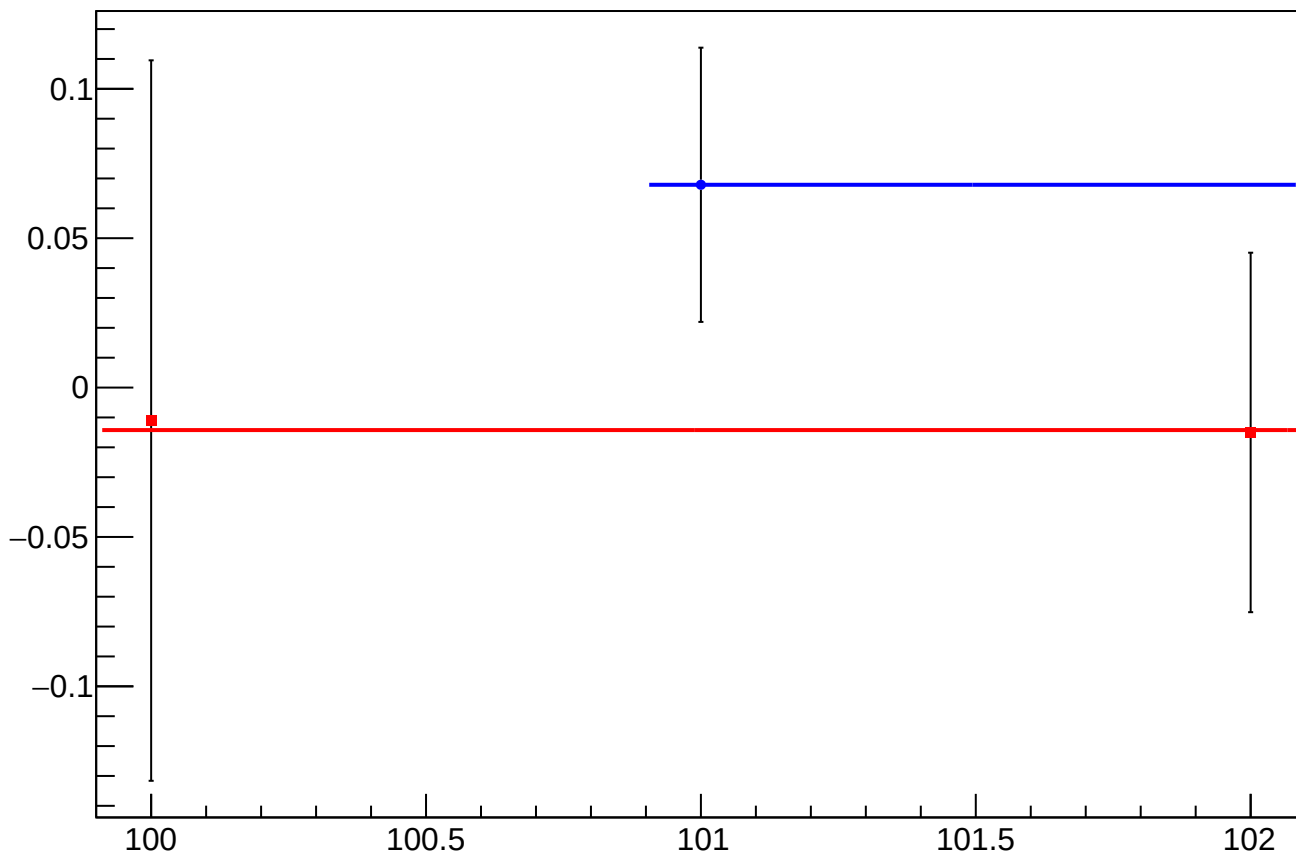
Right: 39.599 $\pm$ 0.025 χ^2 /NDF: 57100.0/2

In: 35.962 $\pm$ 0.032 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.599 $\pm$ 0.025 χ^2 /NDF: 57100.0/2

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.046 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.014 $\pm$ 0.054 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

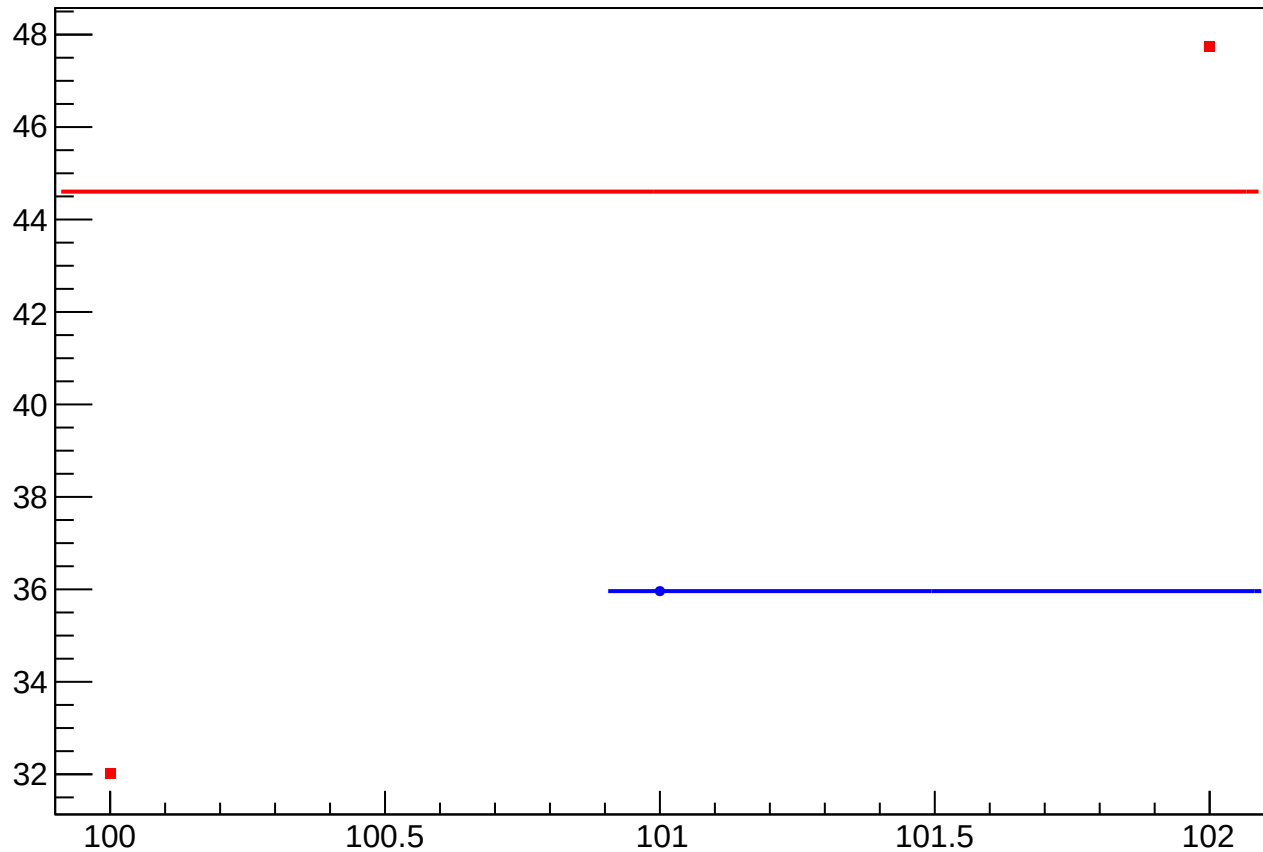
Right: 0.033 $\pm$ 0.035 χ^2 /NDF: 1.3/2

In: 0.068 $\pm$ 0.046 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.033 $\pm$ 0.035 χ^2 /NDF: 1.3/2

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.962 $\pm$ 0.032 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 44.604 $\pm$ 0.038 χ^2 /NDF: 27253.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

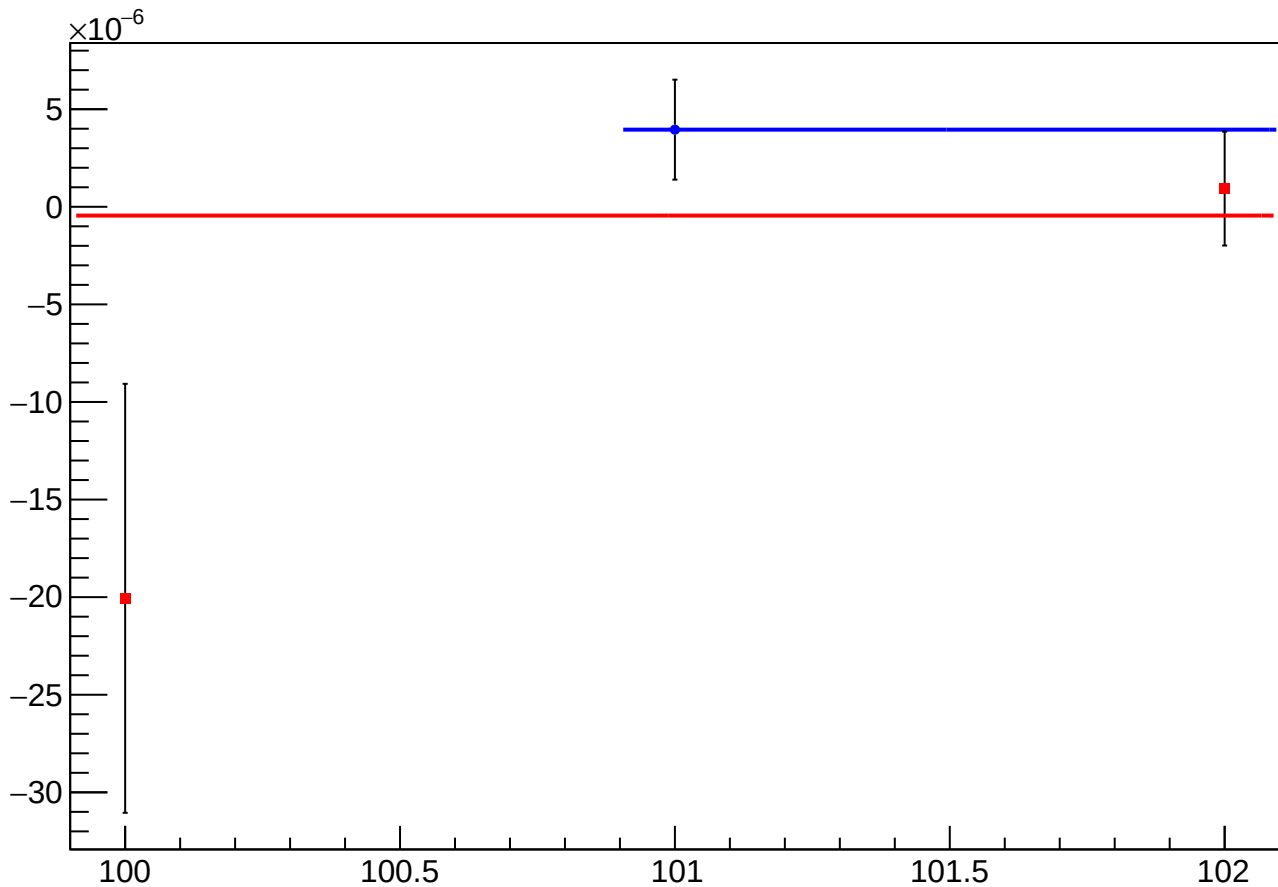
Right: 39.599 $\pm$ 0.025 χ^2 /NDF: 57100.0/2

In: 35.962 $\pm$ 0.032 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.599 $\pm$ 0.025 χ^2 /NDF: 57100.0/2

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_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 : 3.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

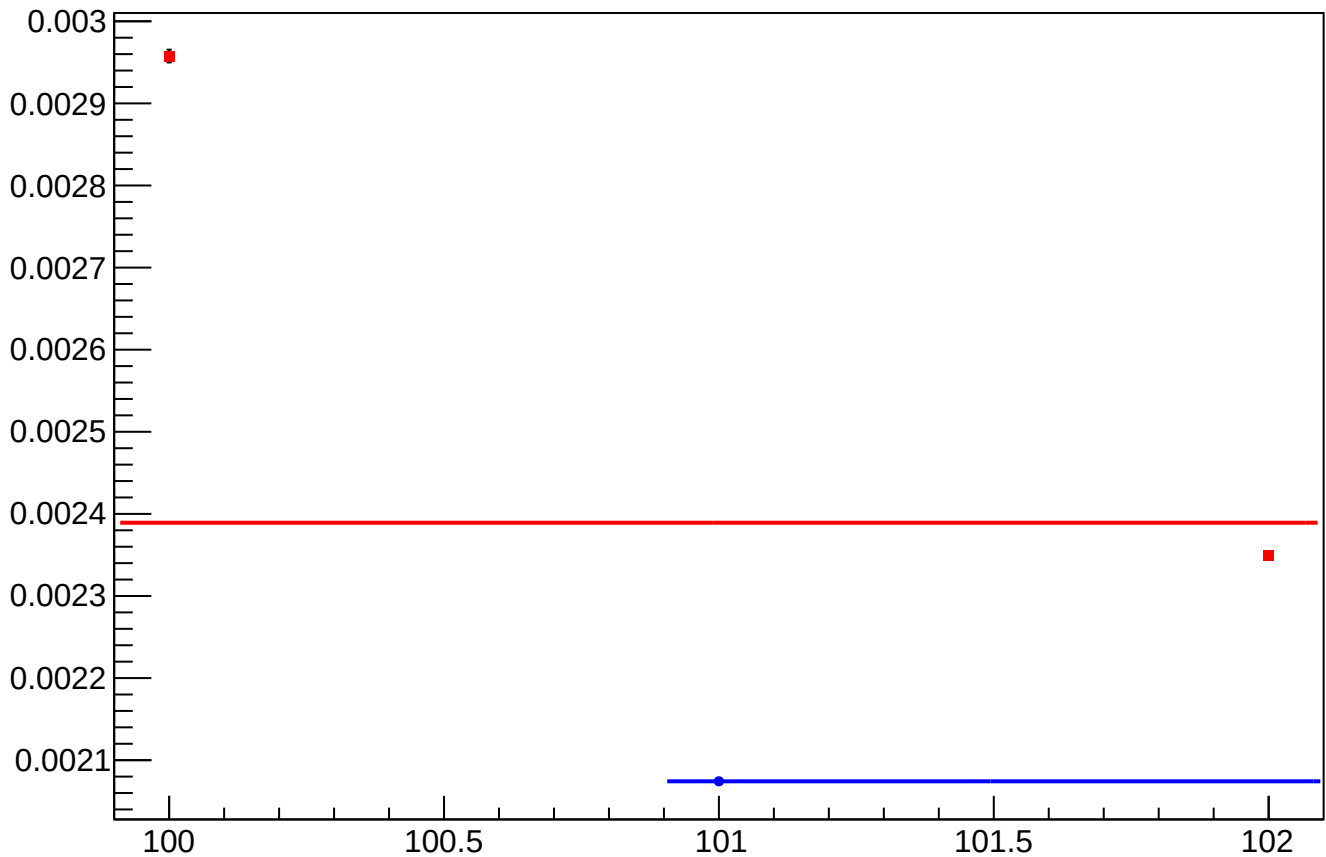
Right: 0.000+/-0.000 χ^2/NDF : 4.7/2

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 : 4.7/2

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 5729.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

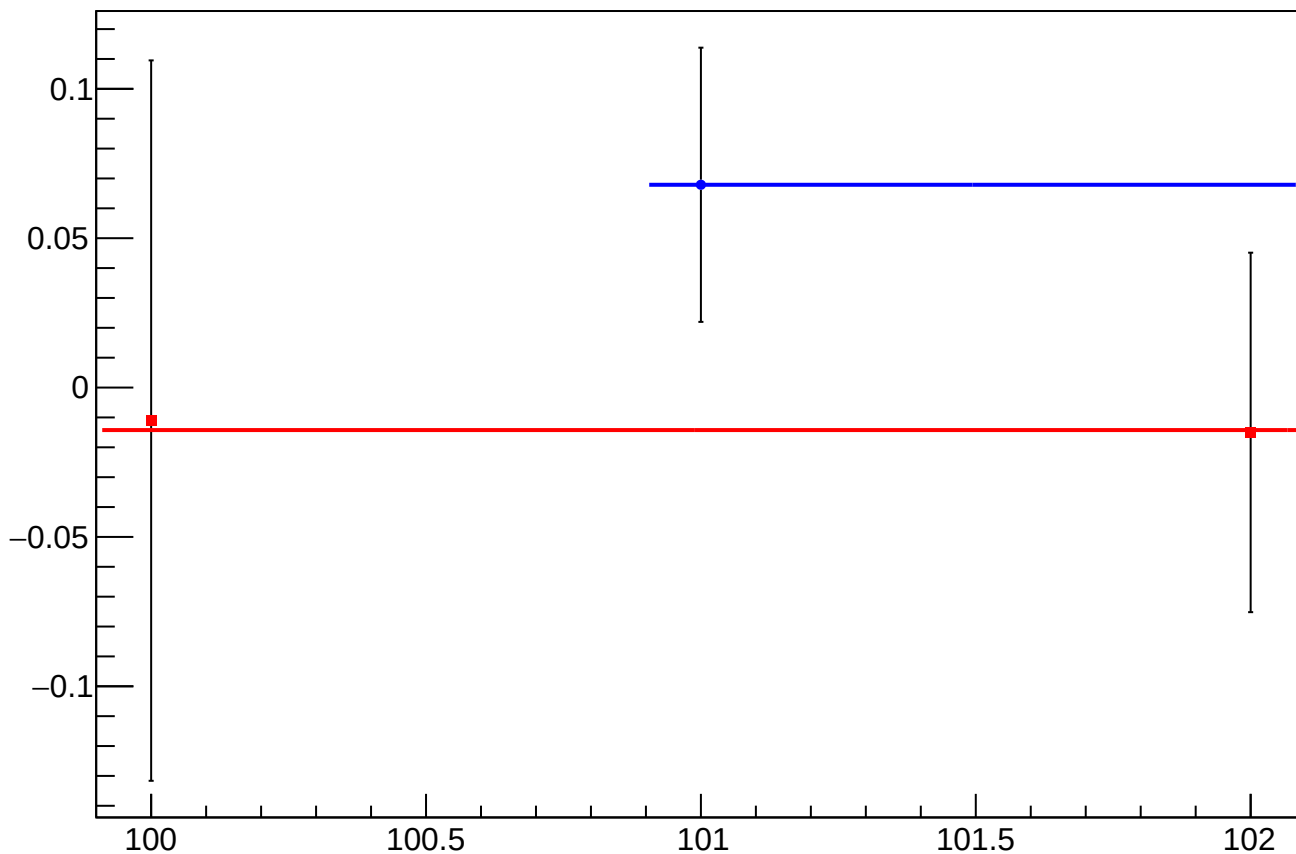
Right: 0.002 $\pm$ 0.000 χ^2 /NDF: 19407.5/2

In: 0.002 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 19407.5/2

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.046 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.014 $\pm$ 0.054 χ^2/NDF : 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

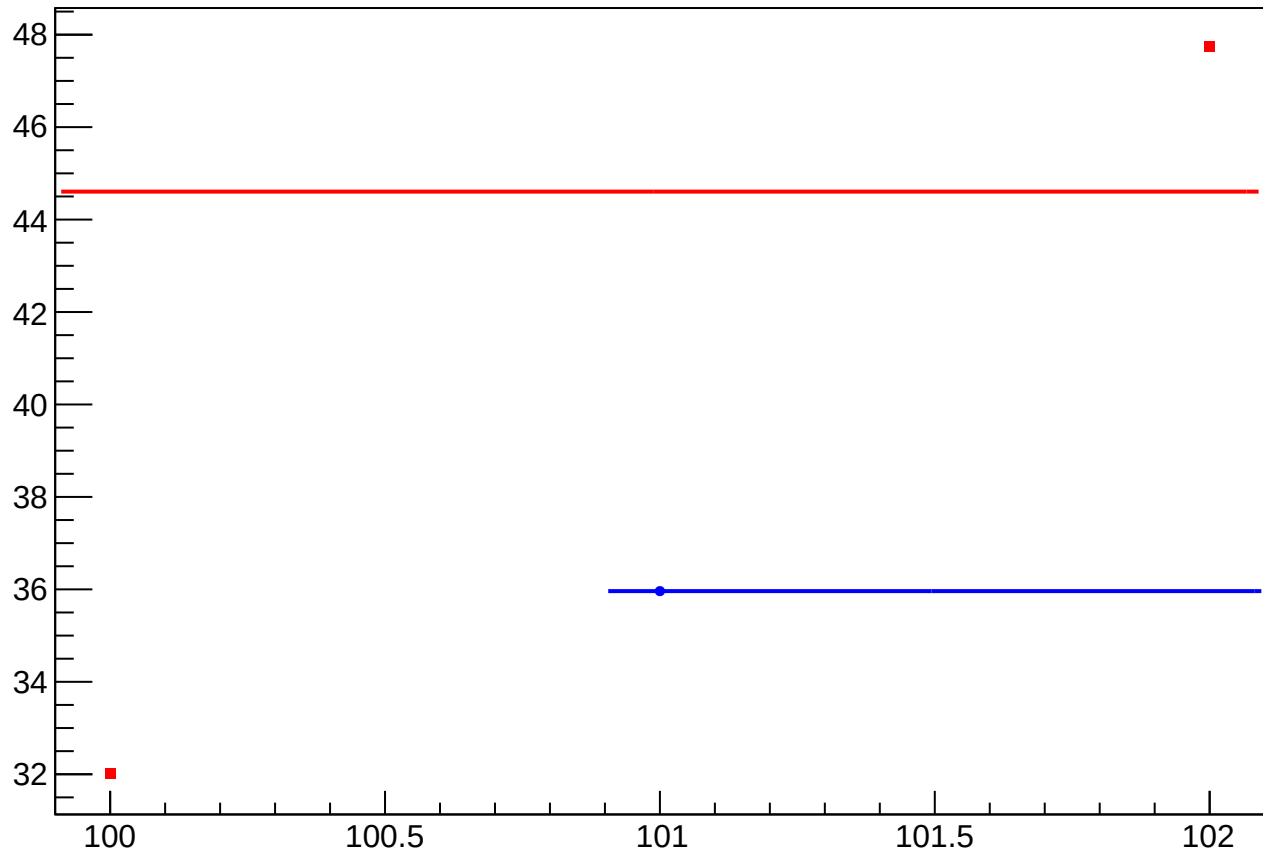
Right: 0.033 $\pm$ 0.035 χ^2/NDF : 1.3/2

In: 0.068 $\pm$ 0.046 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.033 $\pm$ 0.035 χ^2/NDF : 1.3/2

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.962 $\pm$ 0.032 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 44.605 $\pm$ 0.038 χ^2 /NDF: 27260.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

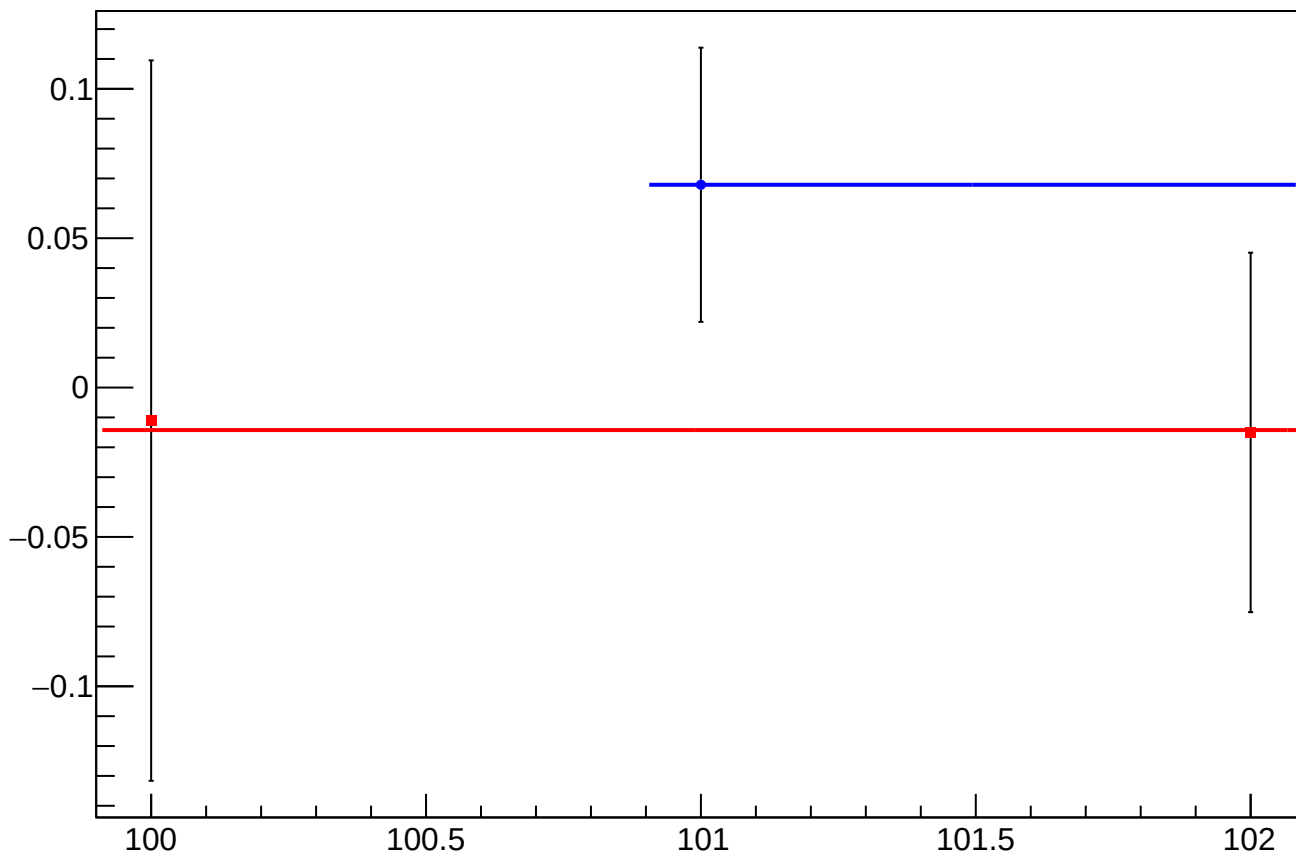
Right: 39.600 $\pm$ 0.025 χ^2 /NDF: 57110.4/2

In: 35.962 $\pm$ 0.032 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.600 $\pm$ 0.025 χ^2 /NDF: 57110.4/2

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.046 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.014 $\pm$ 0.054 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

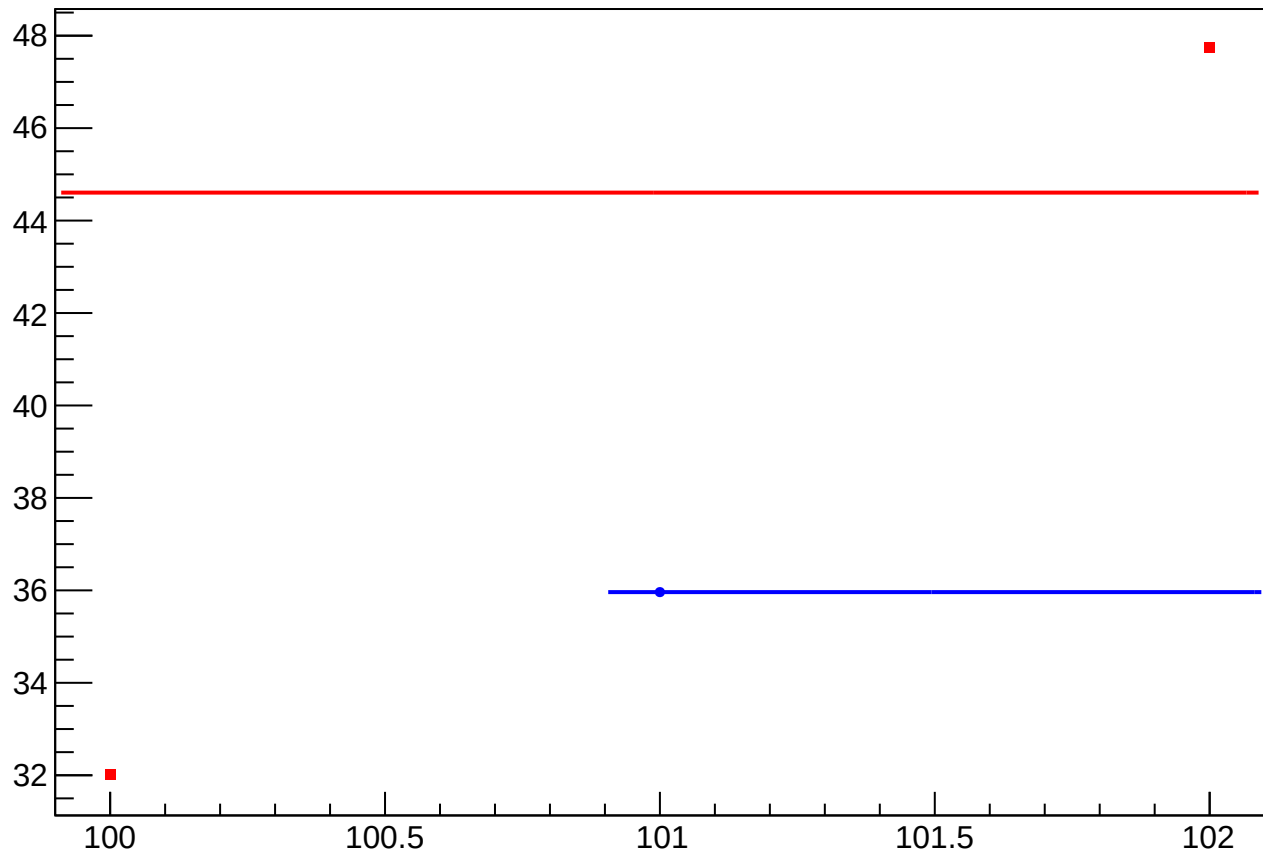
Right: 0.033 $\pm$ 0.035 χ^2 /NDF: 1.3/2

In: 0.068 $\pm$ 0.046 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.033 $\pm$ 0.035 χ^2 /NDF: 1.3/2

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.962 $\pm$ 0.032 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 44.605 $\pm$ 0.038 χ^2 /NDF: 27260.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

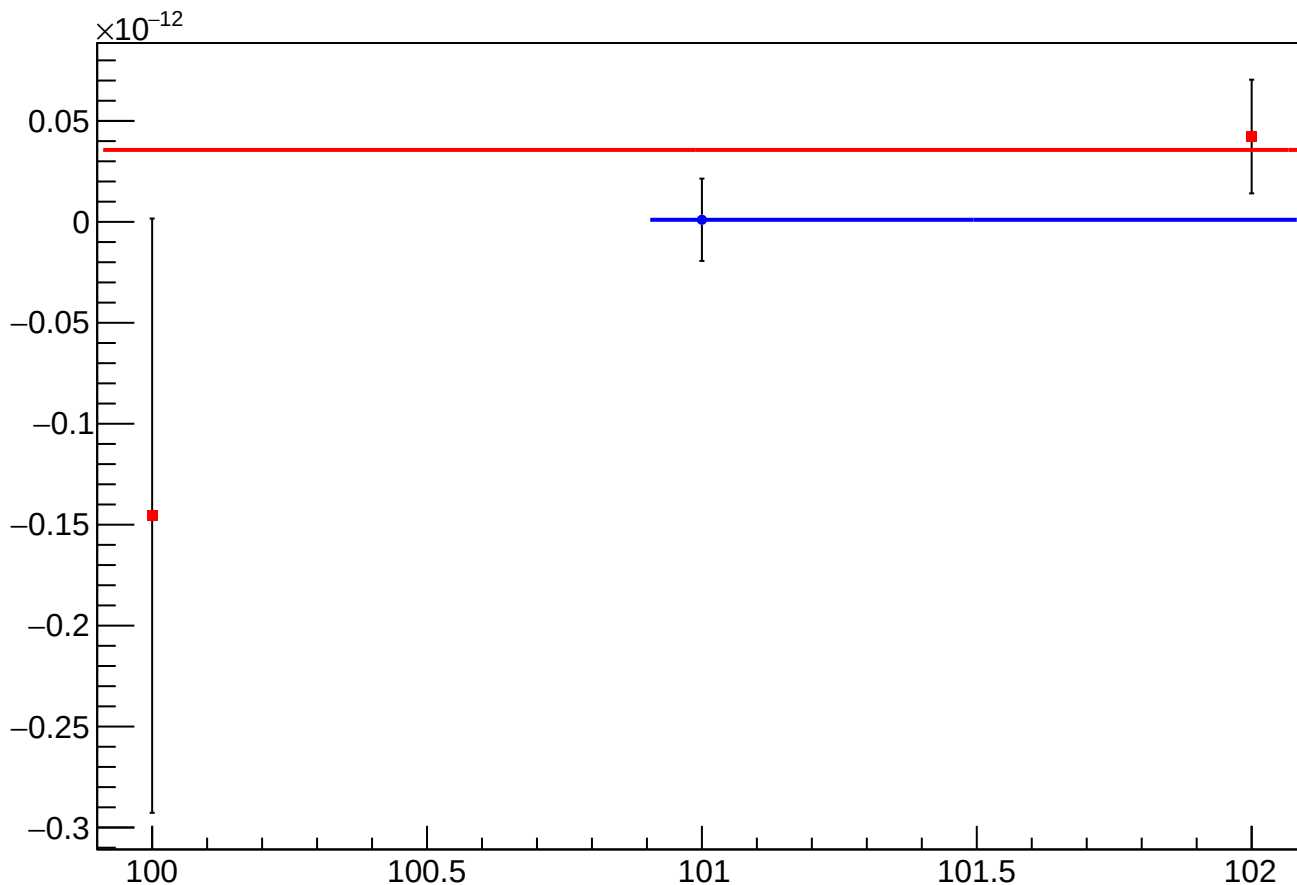
Right: 39.600 $\pm$ 0.025 χ^2 /NDF: 57110.4/2

In: 35.962 $\pm$ 0.032 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.600 $\pm$ 0.025 χ^2 /NDF: 57110.4/2

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

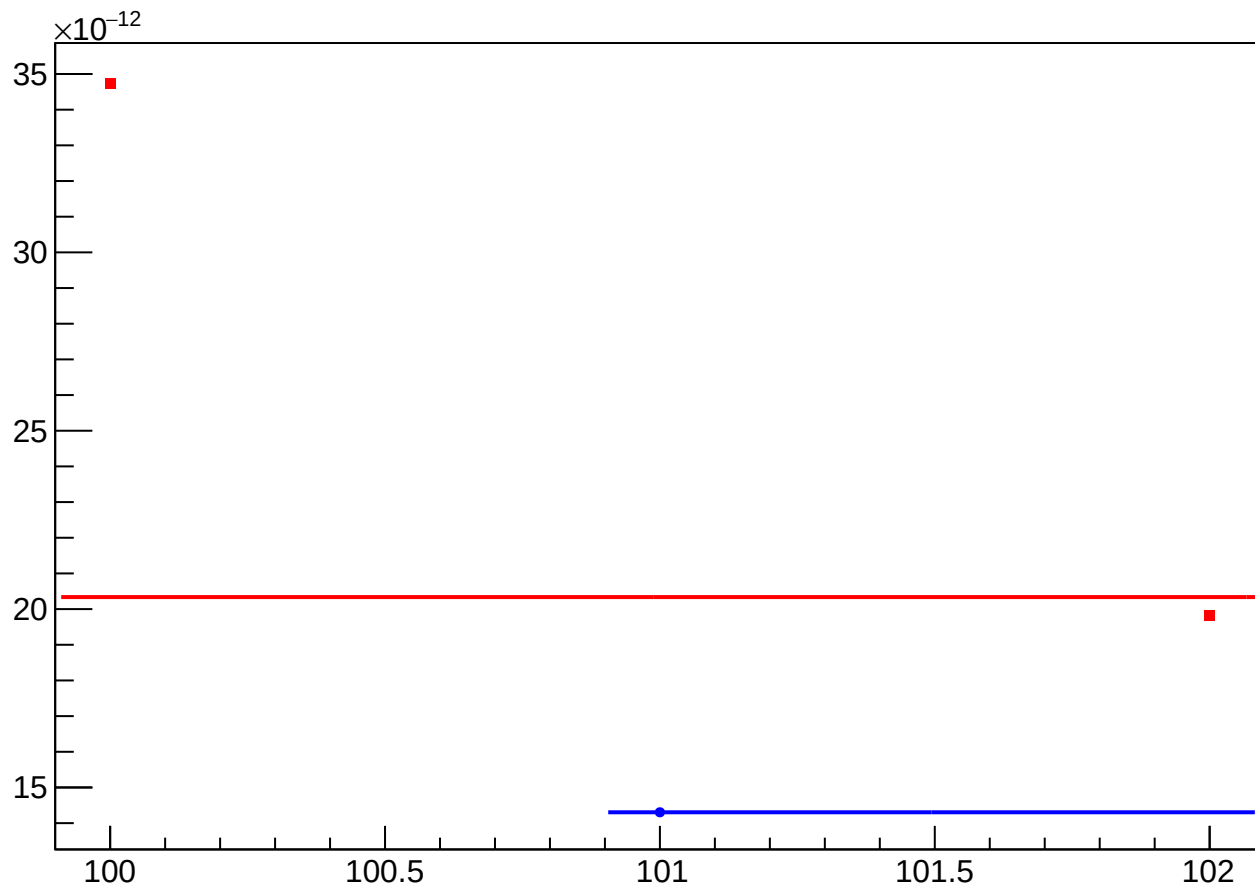
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.6/2

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.6/2

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_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 : 19844.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

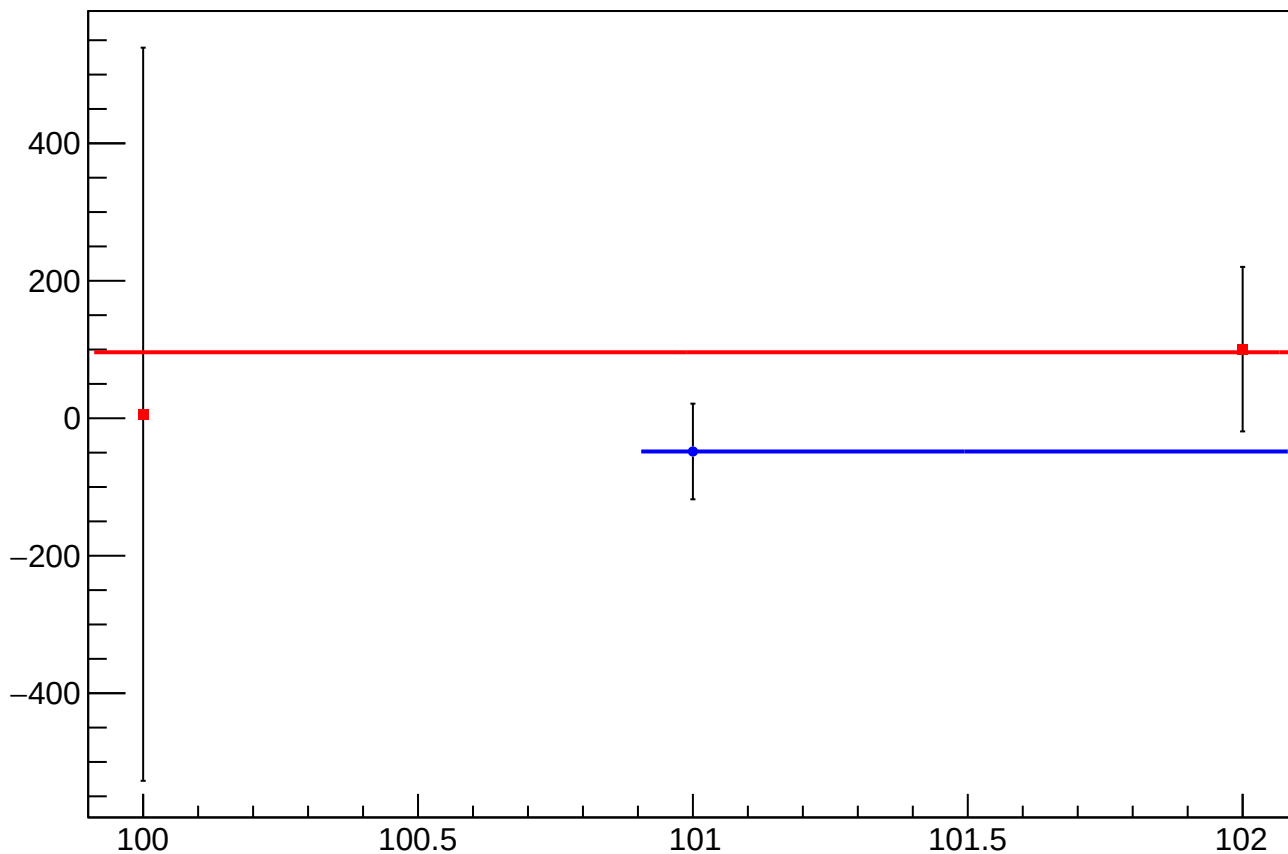
Right: 0.000+/-0.000 χ^2/NDF : 81490.6/2

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 : 81490.6/2

reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -48.314 $\pm$ 69.577 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 96.026 $\pm$ 116.780 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

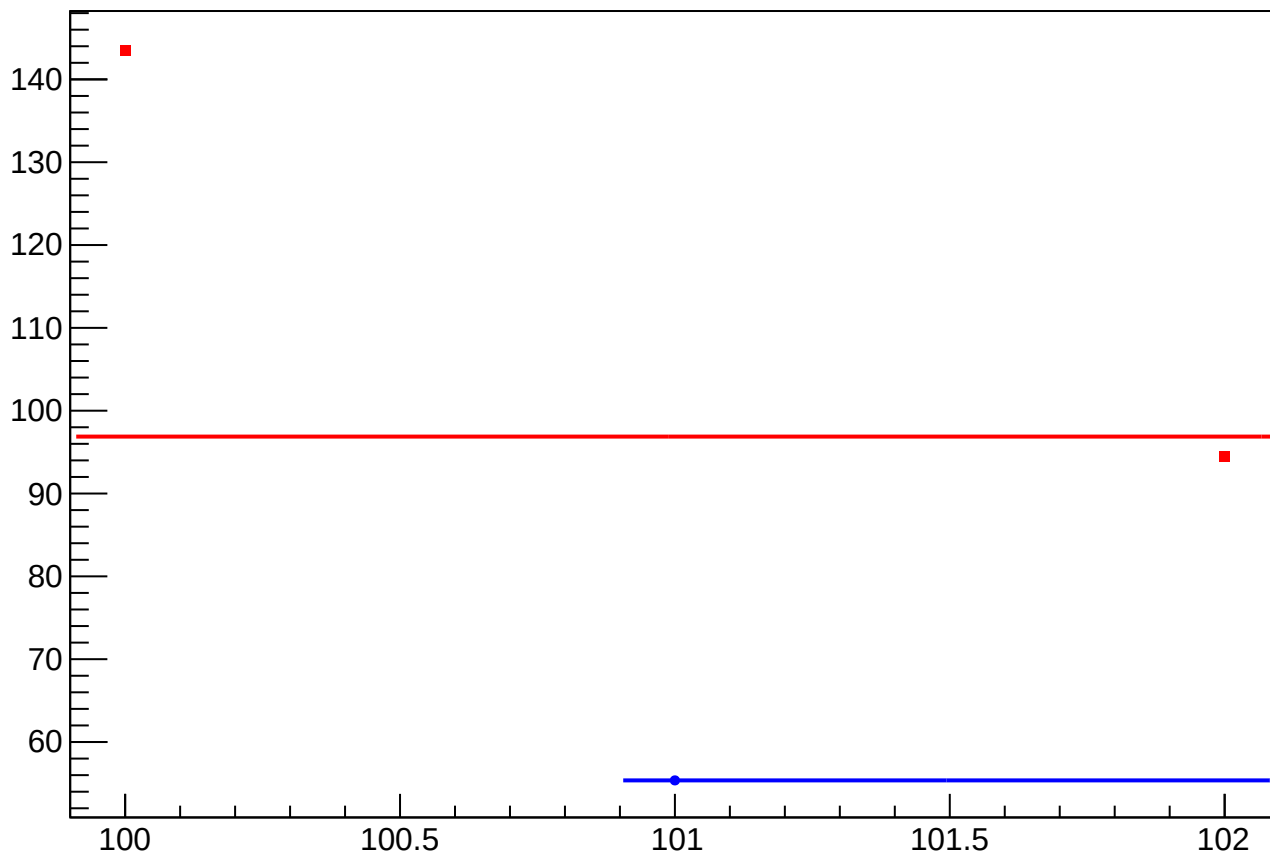
Right: -10.500 $\pm$ 59.773 χ^2 /NDF: 1.2/2

In: -48.314 $\pm$ 69.577 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -10.500 $\pm$ 59.773 χ^2 /NDF: 1.2/2

reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 55.367+/-0.049 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.874+/-0.083 χ^2/NDF : 16024.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

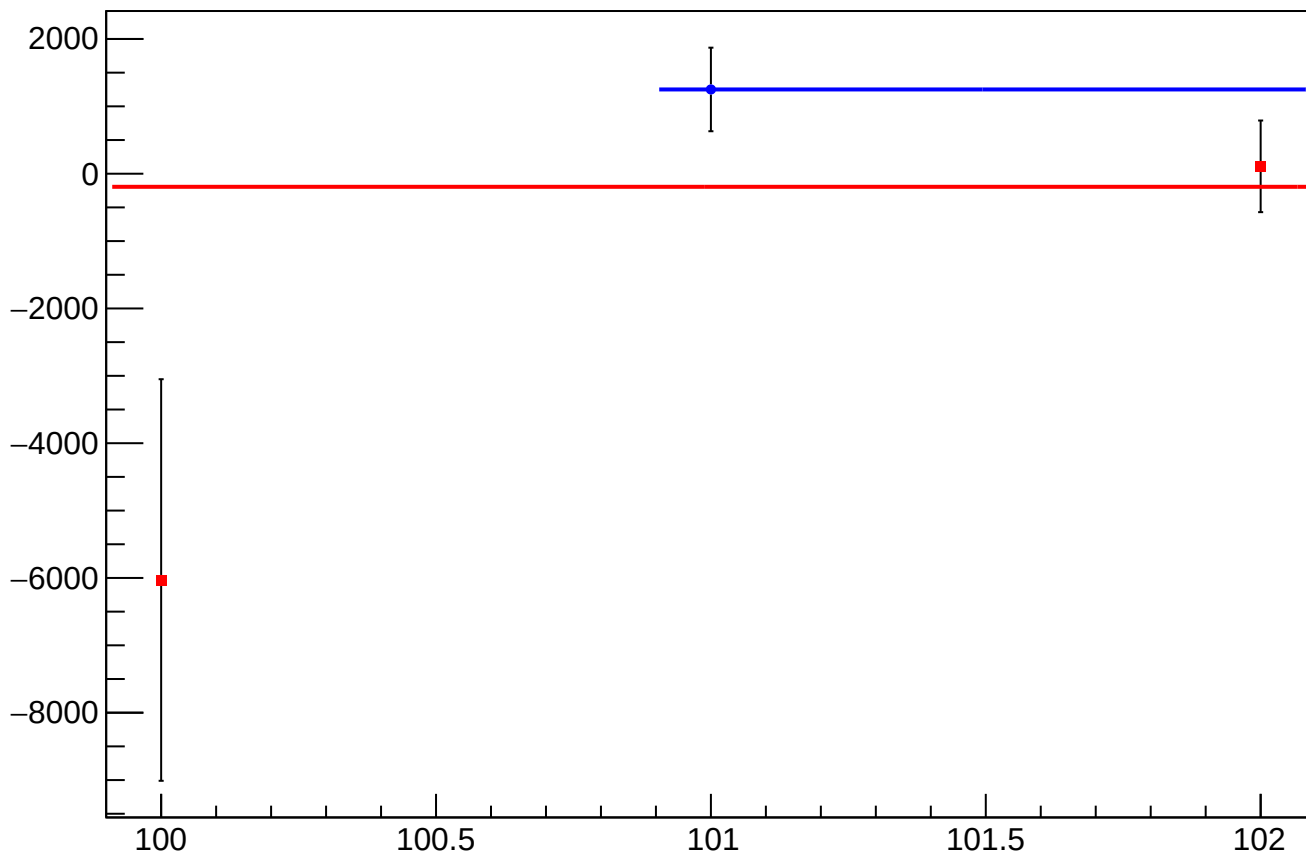
Right: 66.241+/-0.042 χ^2/NDF : 202499.8/2

In: 55.367+/-0.049 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.241+/-0.042 χ^2/NDF : 202499.8/2

asym_sam_15_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 1250.682 $\pm$ 620.173 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -194.303 $\pm$ 662.981 χ^2 /NDF: 4.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

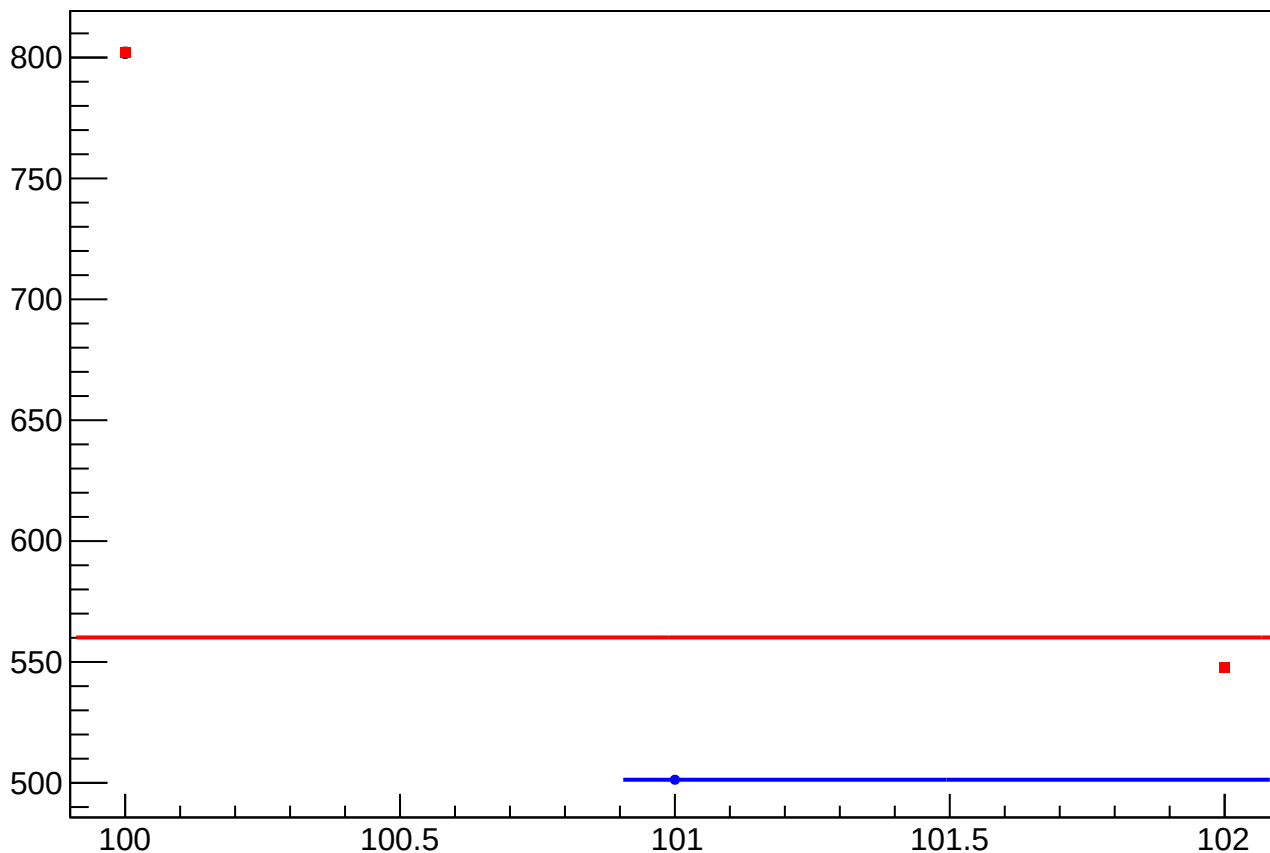
Right: 576.343 $\pm$ 452.907 χ^2 /NDF: 6.6/2

In: 1250.682 $\pm$ 620.173 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 576.343 $\pm$ 452.907 χ^2 /NDF: 6.6/2

asym_sam_15_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 501.294 $\pm$ 0.439 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 560.146 $\pm$ 0.469 χ^2 /NDF: 13853.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

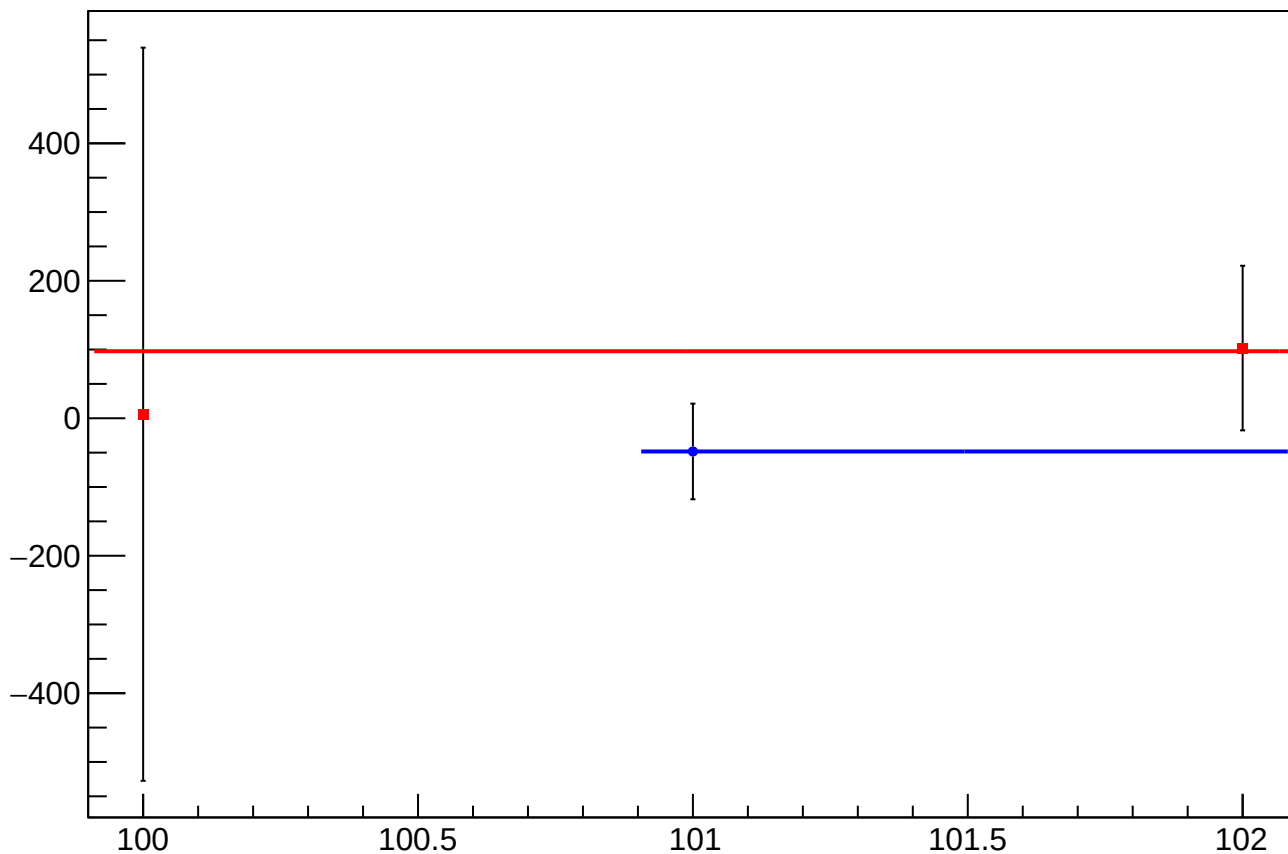
Right: 528.759 $\pm$ 0.320 χ^2 /NDF: 22258.6/2

In: 501.294 $\pm$ 0.439 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 528.759 $\pm$ 0.320 χ^2 /NDF: 22258.6/2

cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -48.310 $\pm$ 69.577 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 97.516 $\pm$ 116.831 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

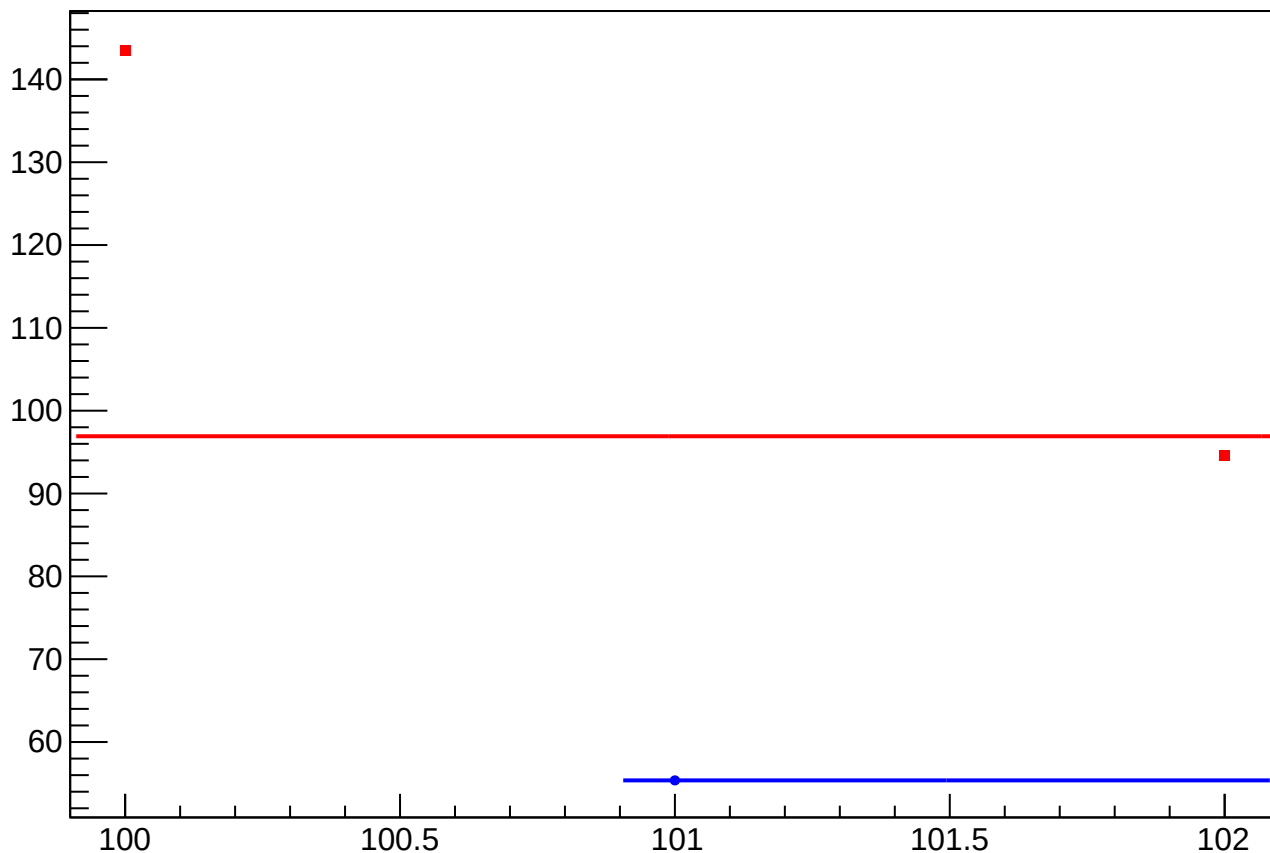
Right: -10.131 $\pm$ 59.779 χ^2 /NDF: 1.2/2

In: -48.310 $\pm$ 69.577 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -10.131 $\pm$ 59.779 χ^2 /NDF: 1.2/2

cor_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 55.367 $\pm$ 0.049 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 96.915 $\pm$ 0.083 χ^2 /NDF: 15997.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

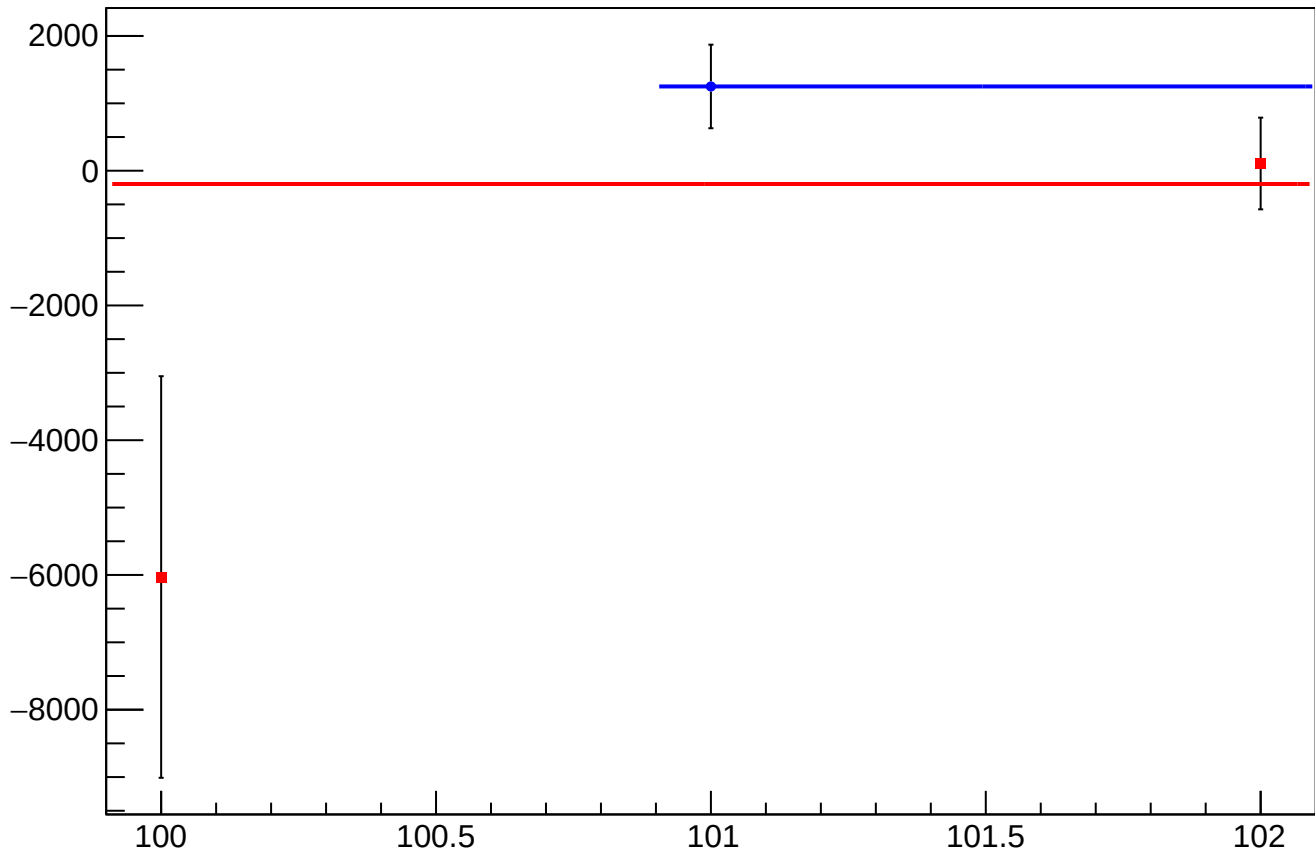
Right: 66.244 $\pm$ 0.042 χ^2 /NDF: 202716.4/2

In: 55.367 $\pm$ 0.049 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 66.244 $\pm$ 0.042 χ^2 /NDF: 202716.4/2

asym_sam_15_37_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1250.689 $\pm$ 620.173 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -197.106 $\pm$ 663.422 χ^2 /NDF: 4.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

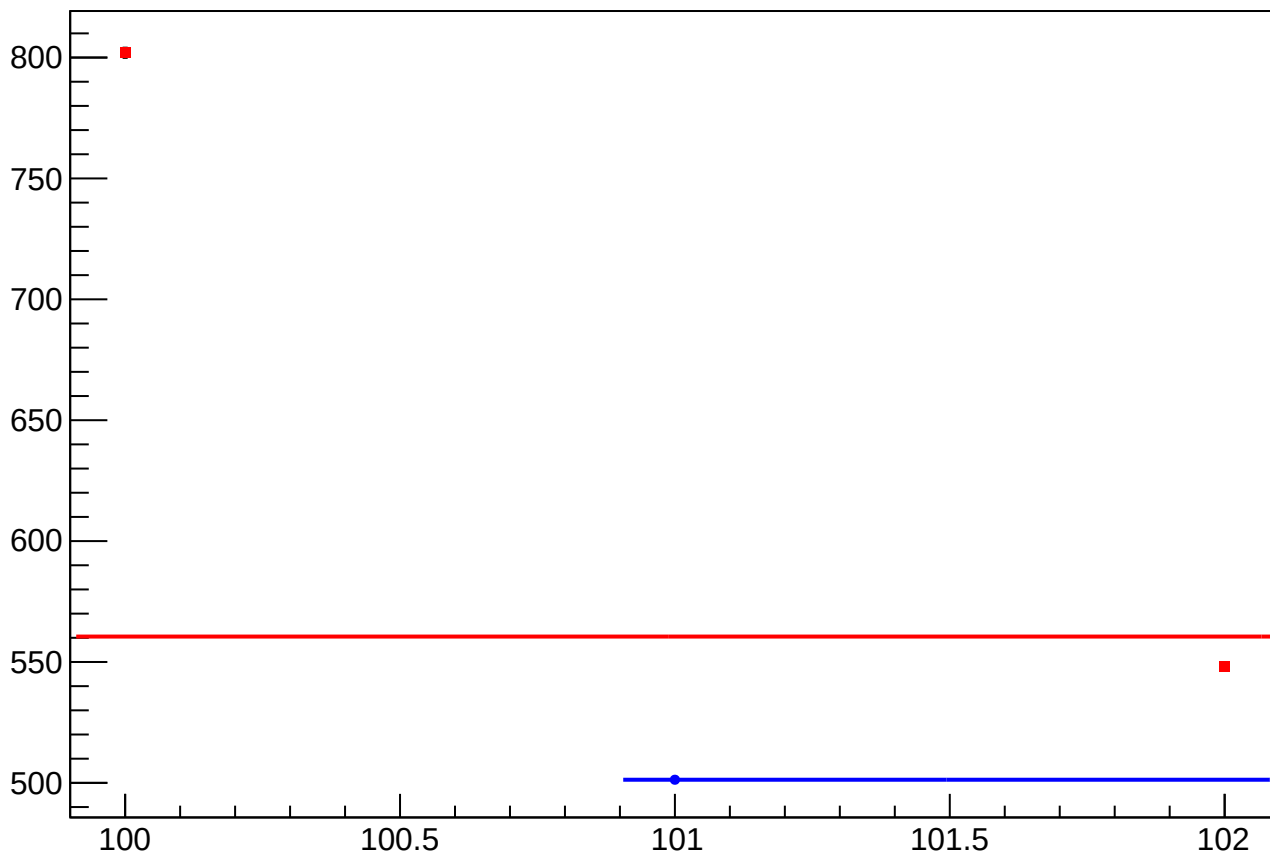
Right: 575.518 $\pm$ 453.047 χ^2 /NDF: 6.6/2

In: 1250.689 $\pm$ 620.173 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 575.518 $\pm$ 453.047 χ^2 /NDF: 6.6/2

asym_sam_15_37_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 501.295 $\pm$ 0.439 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 560.515 $\pm$ 0.469 χ^2 /NDF: 13812.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

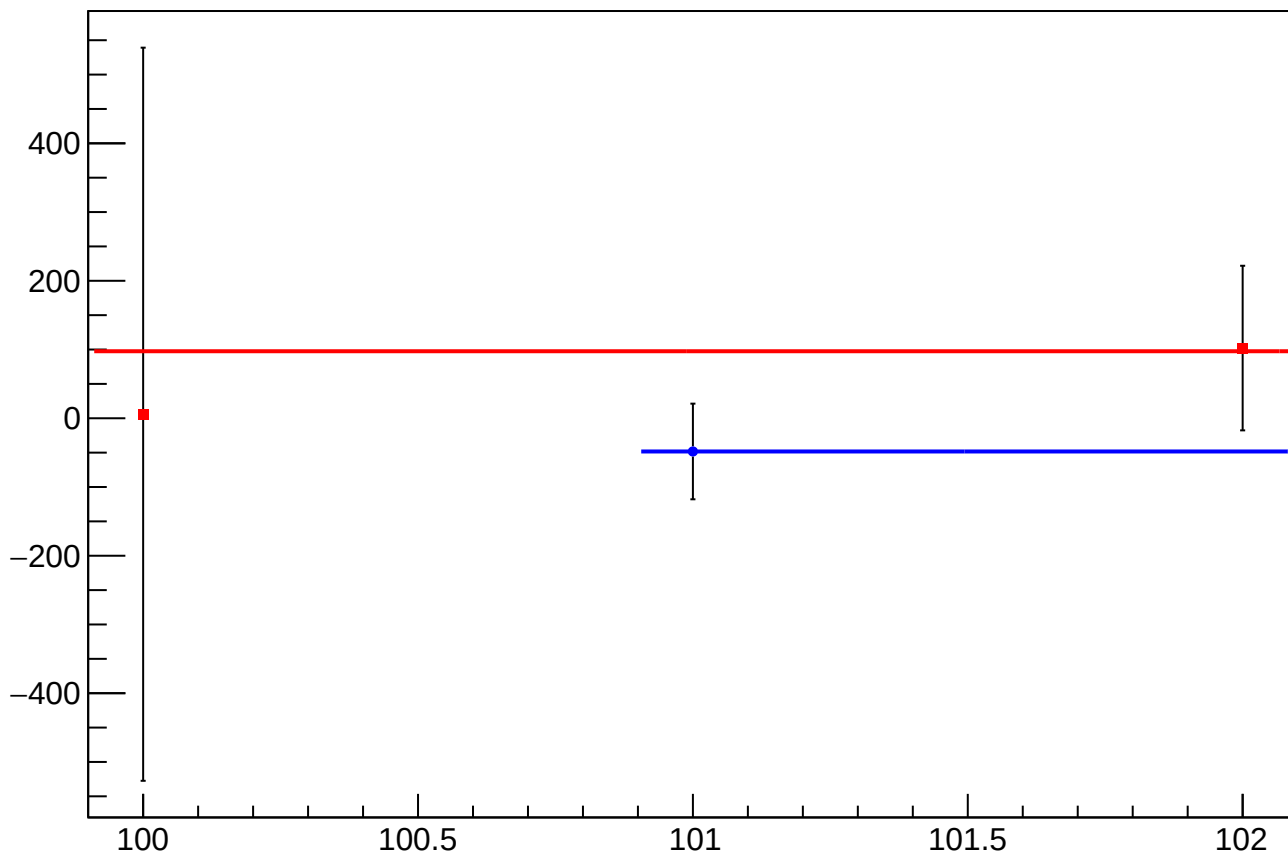
Right: 528.912 $\pm$ 0.320 χ^2 /NDF: 22317.1/2

In: 501.295 $\pm$ 0.439 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 528.912 $\pm$ 0.320 χ^2 /NDF: 22317.1/2

eigen_cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -48.310 $\pm$ 69.577 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 97.516 $\pm$ 116.831 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

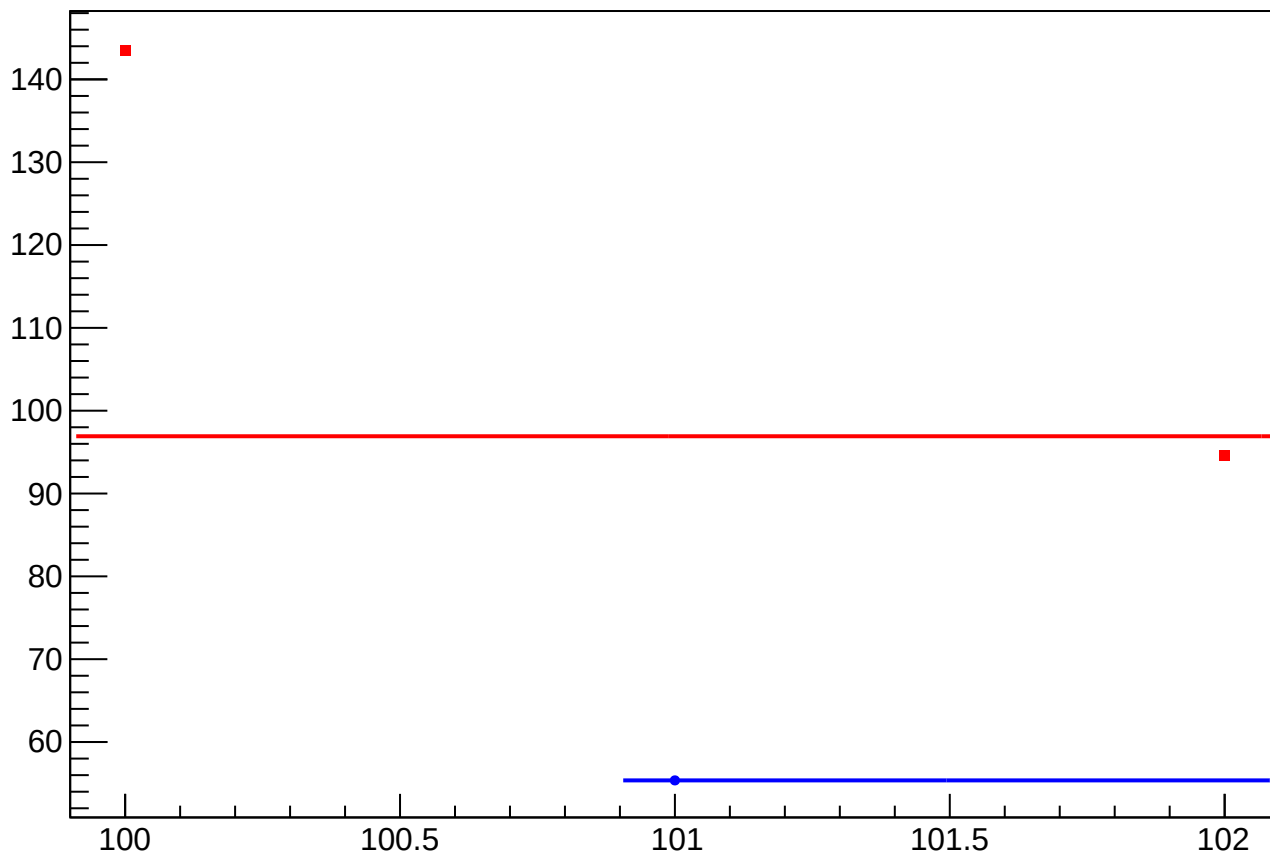
Right: -10.131 $\pm$ 59.779 χ^2 /NDF: 1.2/2

In: -48.310 $\pm$ 69.577 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -10.131 $\pm$ 59.779 χ^2 /NDF: 1.2/2

eigen_cor_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 55.367 $\pm$ 0.049 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 96.915 $\pm$ 0.083 χ^2 /NDF: 15997.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

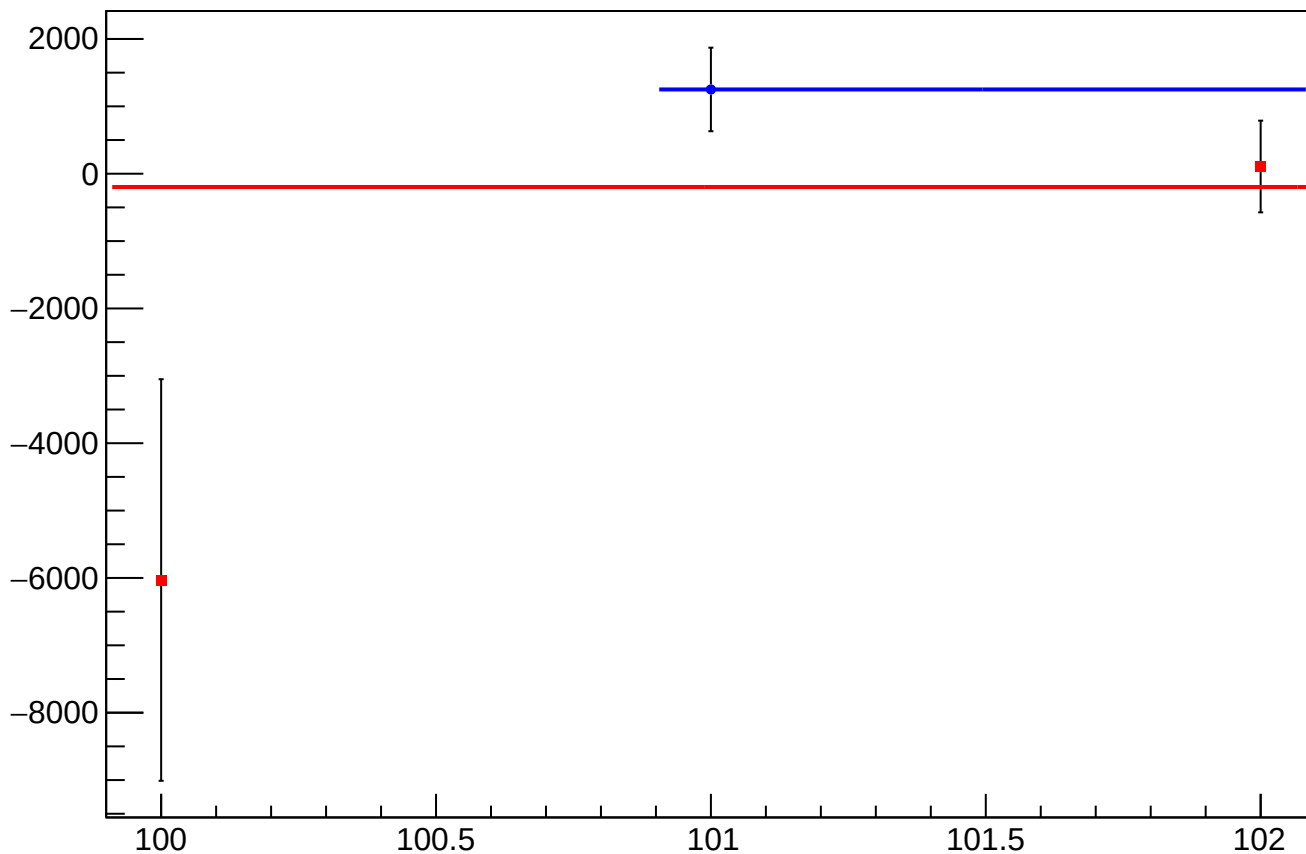
Right: 66.244 $\pm$ 0.042 χ^2 /NDF: 202716.4/2

In: 55.367 $\pm$ 0.049 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 66.244 $\pm$ 0.042 χ^2 /NDF: 202716.4/2

asym_sam_15_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1250.689+/-620.173 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -197.106+/-663.422 χ^2/NDF : 4.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

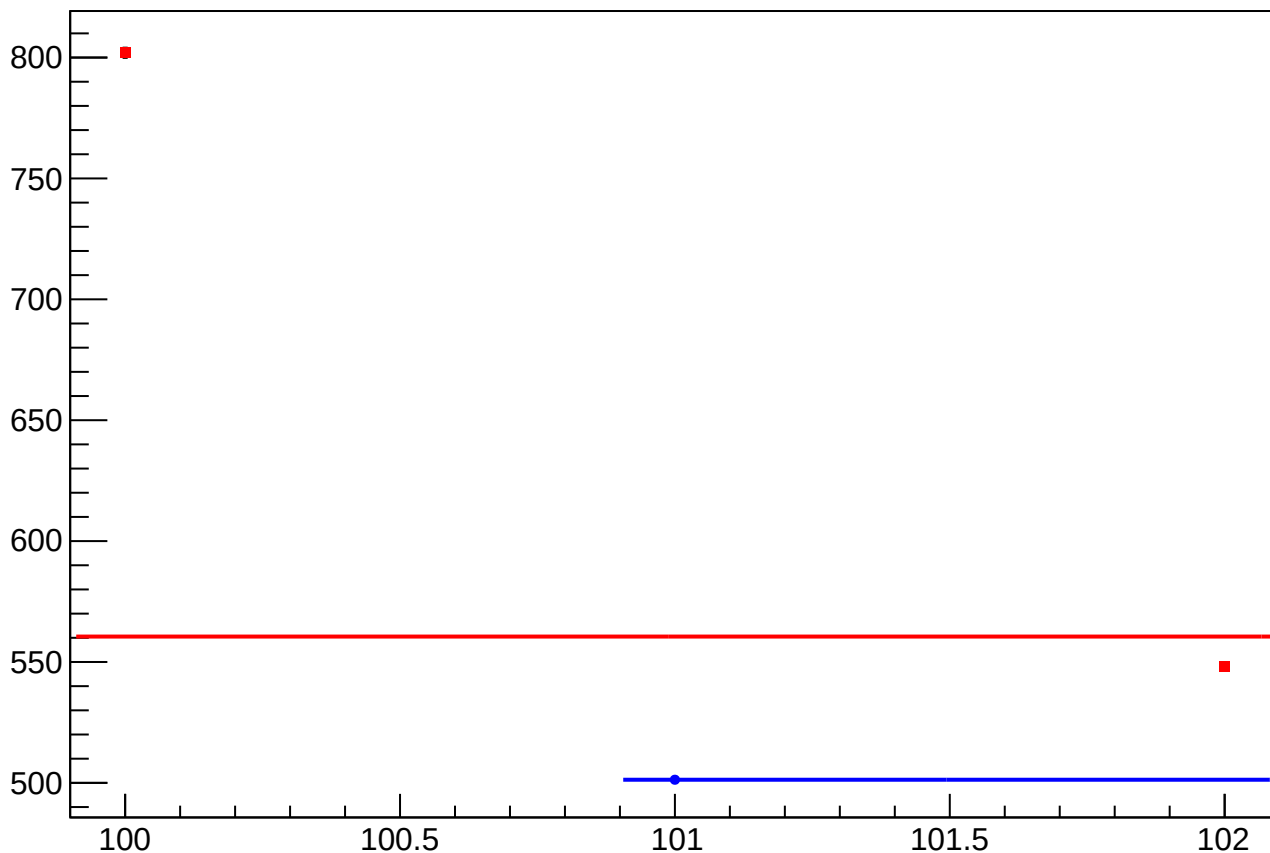
Right: 575.518+/-453.047 χ^2/NDF : 6.6/2

In: 1250.689+/-620.173 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 575.518+/-453.047 χ^2/NDF : 6.6/2

asym_sam_15_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 501.295+/-0.439 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 560.515+/-0.469 χ^2/NDF : 13812.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

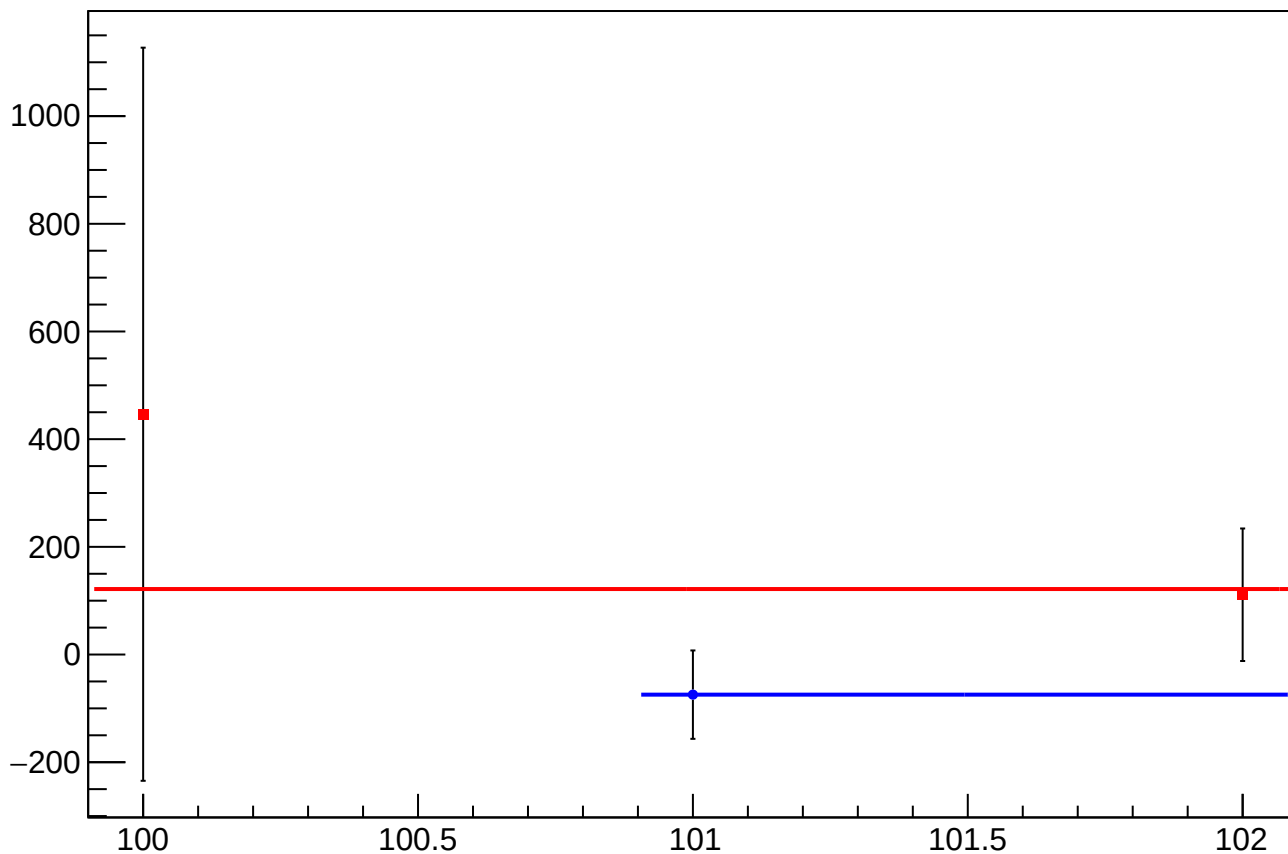
Right: 528.912+/-0.320 χ^2/NDF : 22317.1/2

In: 501.295+/-0.439 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 528.912+/-0.320 χ^2/NDF : 22317.1/2

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -74.512 $\pm$ 82.080 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 121.641 $\pm$ 121.100 χ^2 /NDF: 0.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

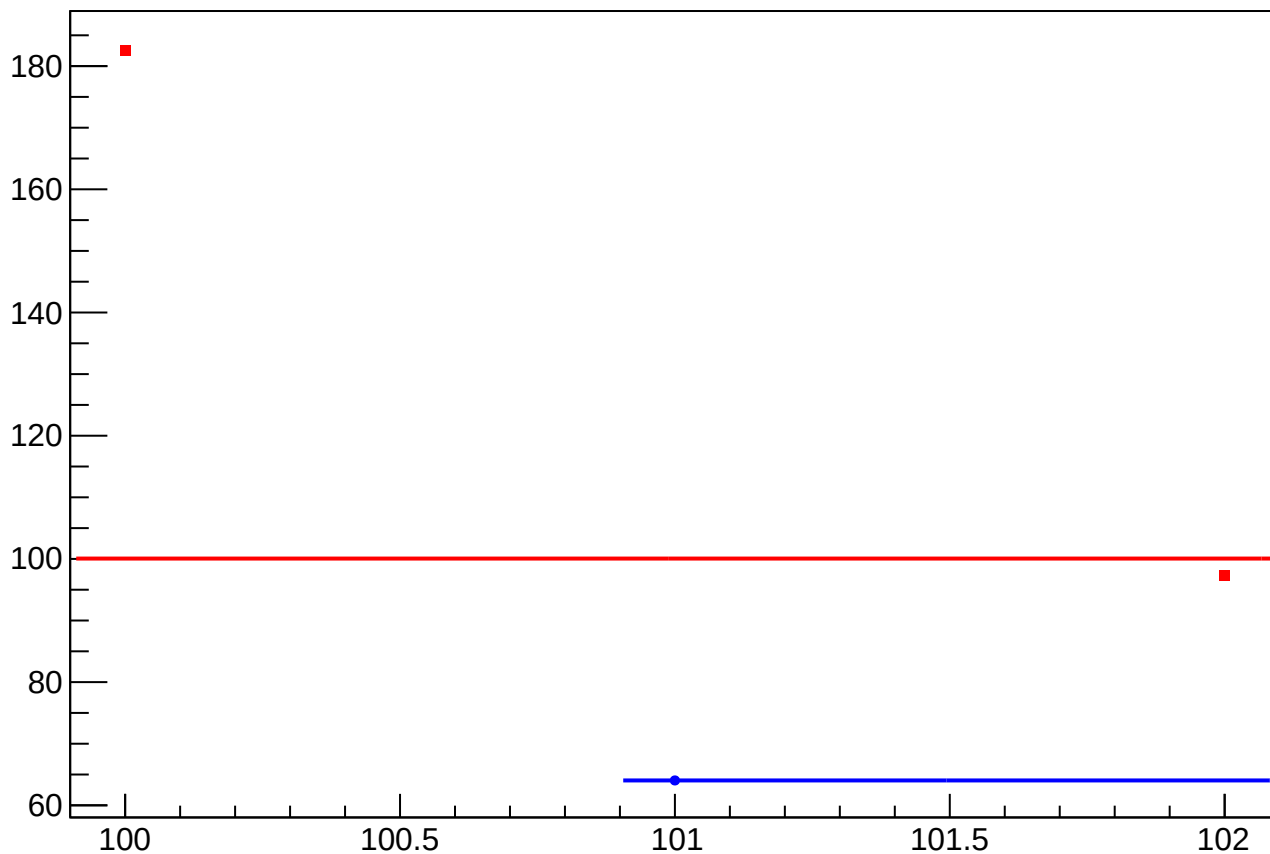
Right: -12.766 $\pm$ 67.944 χ^2 /NDF: 2.0/2

In: -74.512 $\pm$ 82.080 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -12.766 $\pm$ 67.944 χ^2 /NDF: 2.0/2

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 64.039 ± 0.058 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 100.058 ± 0.086 $\chi^2/\text{NDF}: 30293.2/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

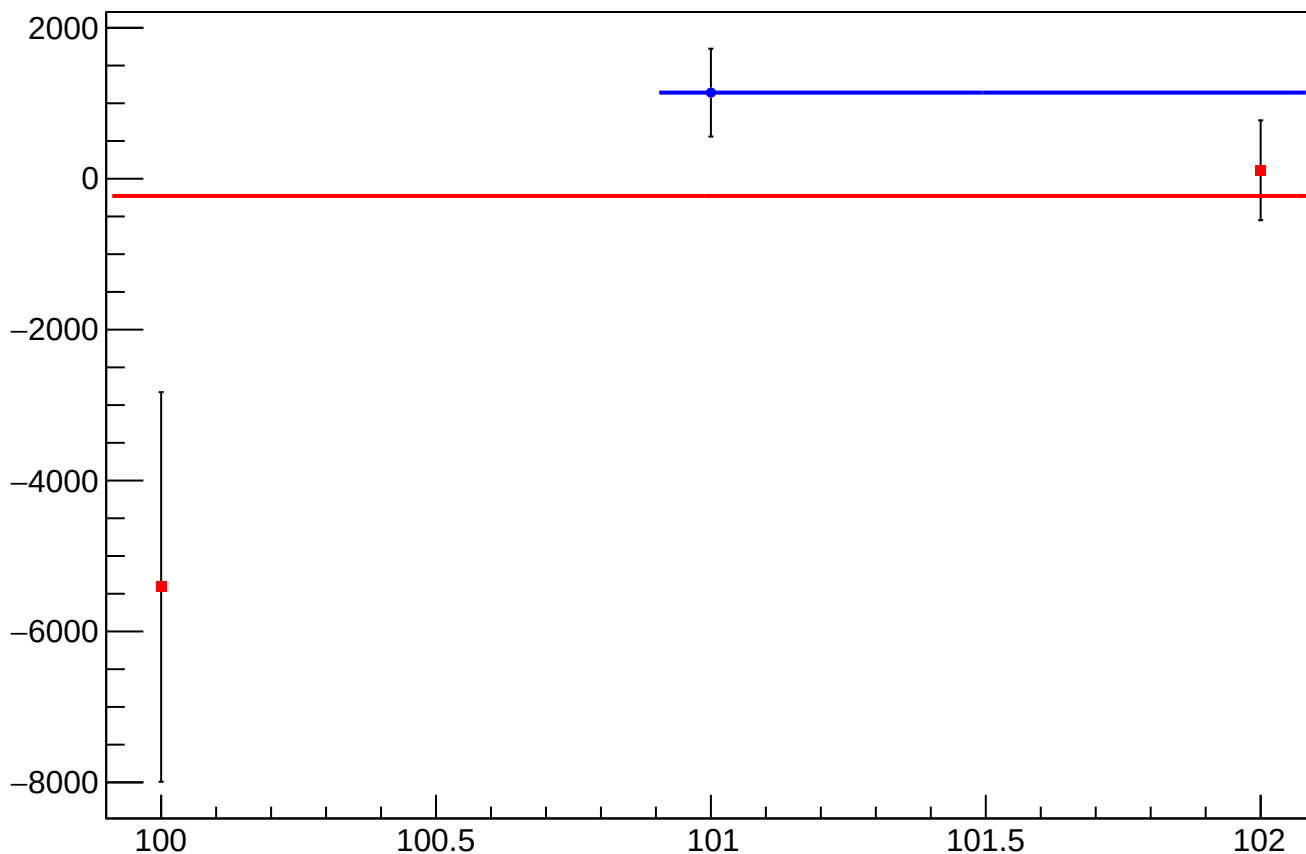
Right: 75.377 ± 0.048 $\chi^2/\text{NDF}: 151527.5/2$

In: 64.039 ± 0.058 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 75.377 ± 0.048 $\chi^2/\text{NDF}: 151527.5/2$

asym_sam_15_37_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1141.351+/-582.372 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -228.004+/-640.940 χ^2/NDF : 4.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

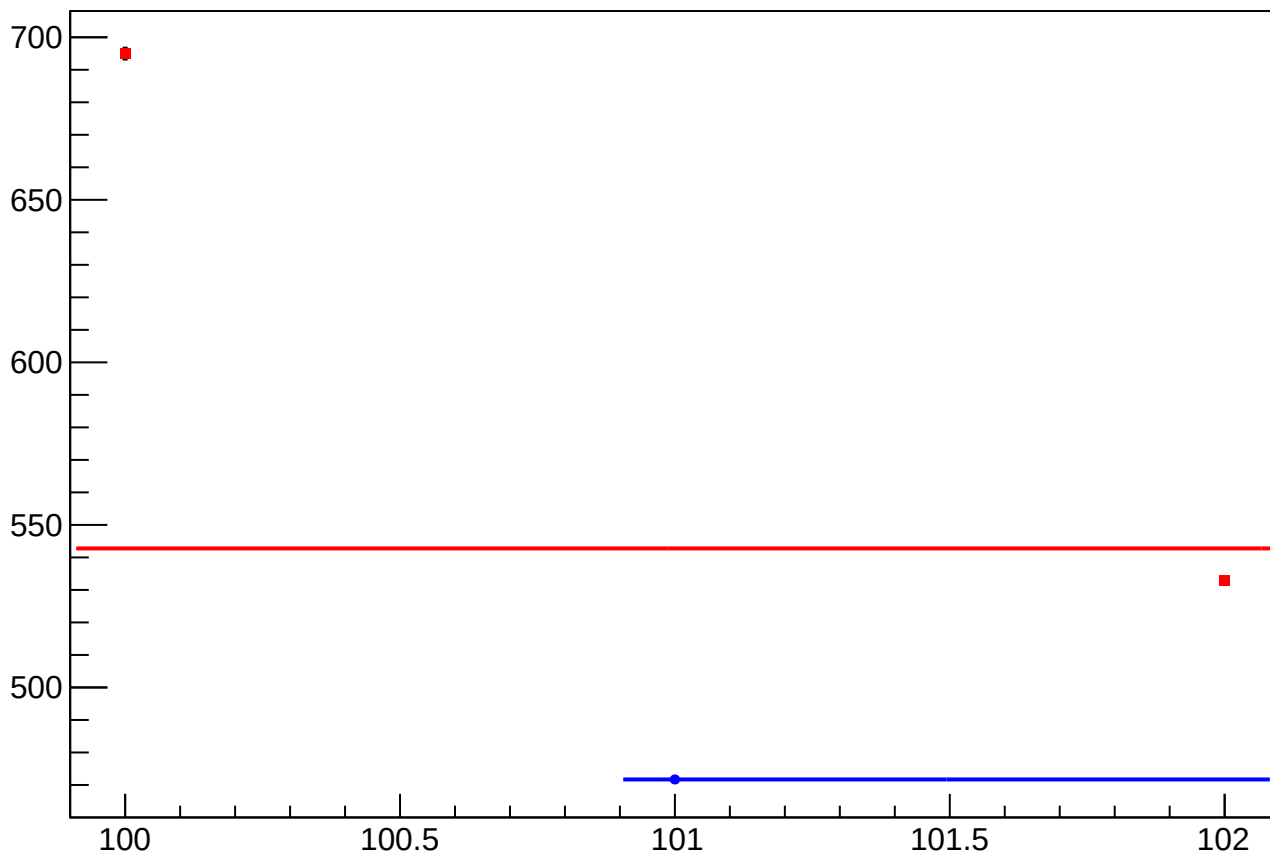
Right: 522.083+/-431.021 χ^2/NDF : 6.8/2

In: 1141.351+/-582.372 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 522.083+/-431.021 χ^2/NDF : 6.8/2

asym_sam_15_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 471.699 $\pm$ 0.412 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 542.764 $\pm$ 0.453 χ^2 /NDF: 7407.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

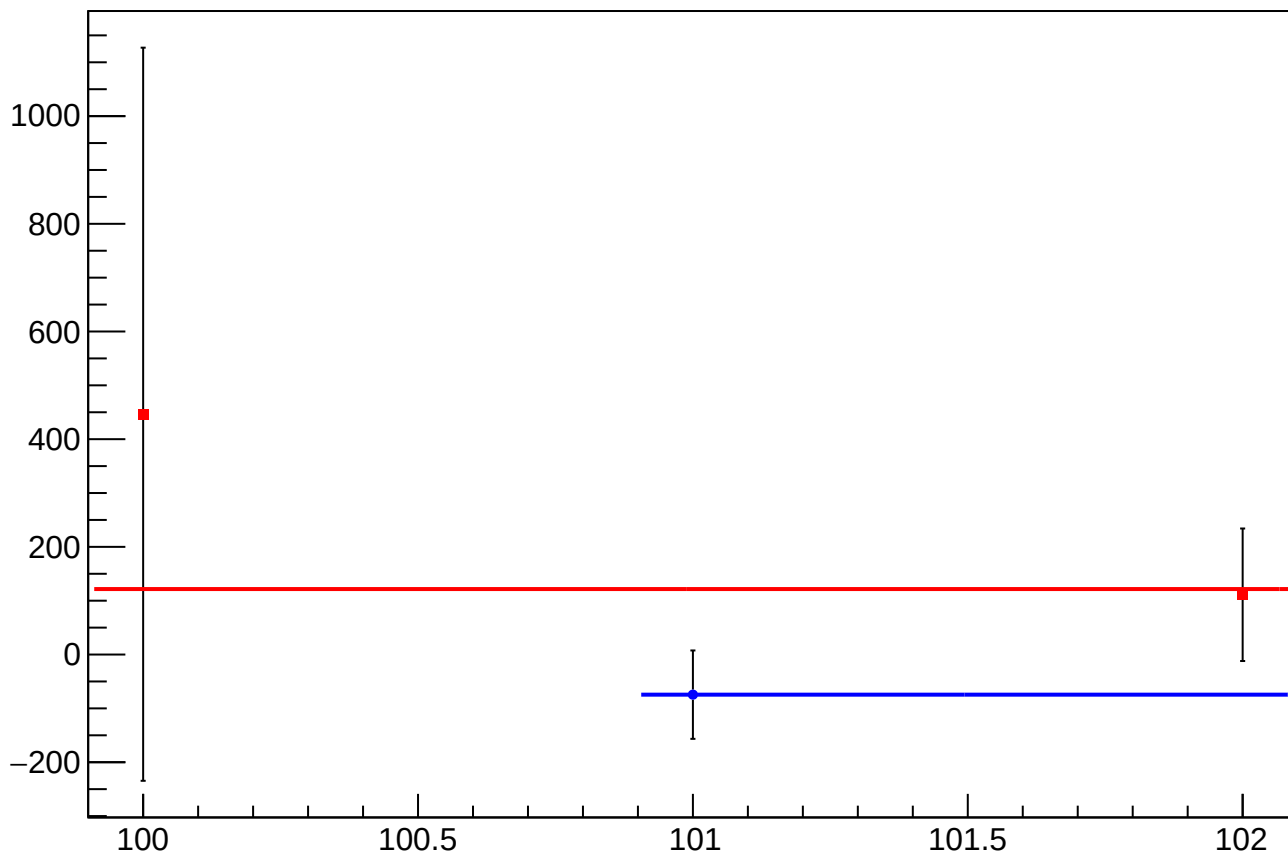
Right: 503.837 $\pm$ 0.305 χ^2 /NDF: 20875.2/2

In: 471.699 $\pm$ 0.412 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 503.837 $\pm$ 0.305 χ^2 /NDF: 20875.2/2

eigen_dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -74.517 $\pm$ 82.081 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 121.641 $\pm$ 121.101 χ^2 /NDF: 0.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

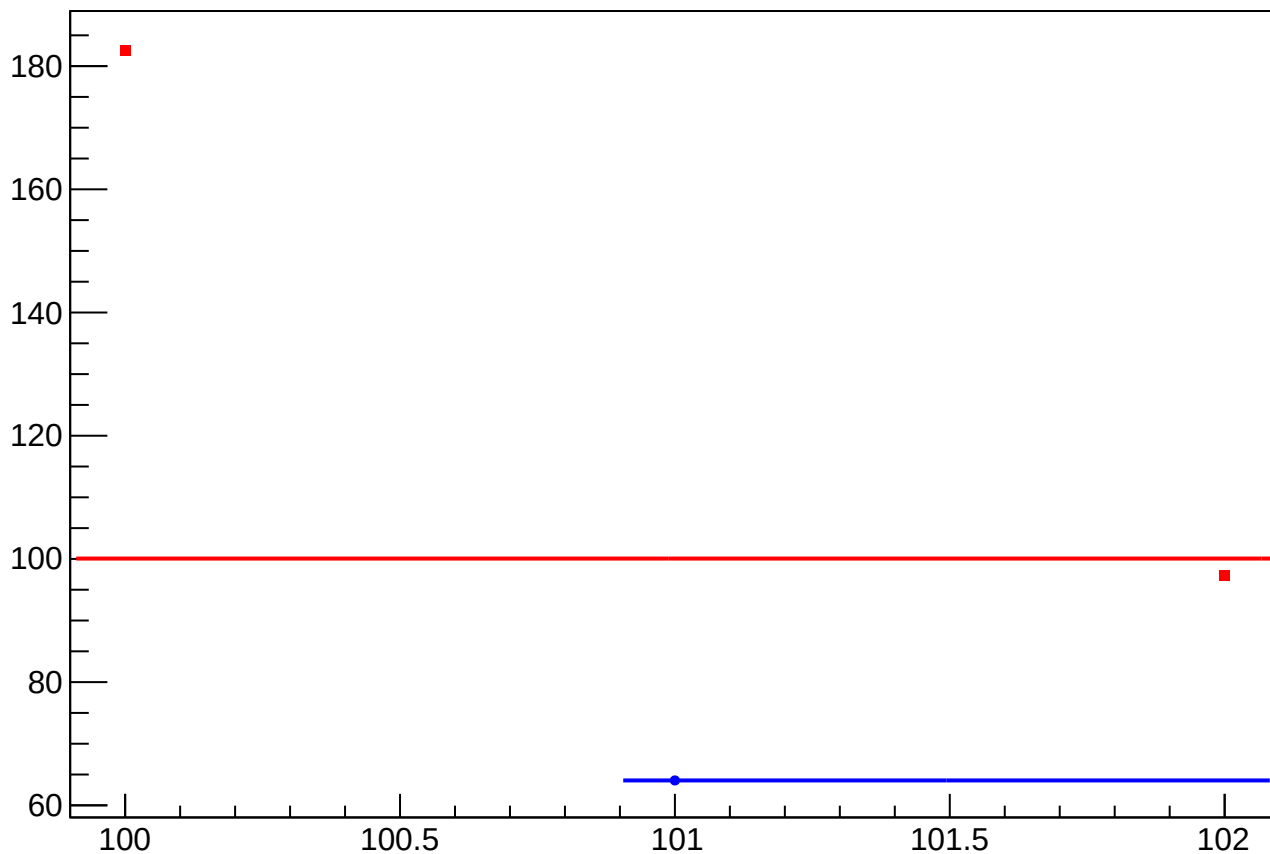
Right: -12.769 $\pm$ 67.945 χ^2 /NDF: 2.0/2

In: -74.517 $\pm$ 82.081 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -12.769 $\pm$ 67.945 χ^2 /NDF: 2.0/2

eigen_dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 64.039+/-0.058 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.058+/-0.086 χ^2/NDF : 30293.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

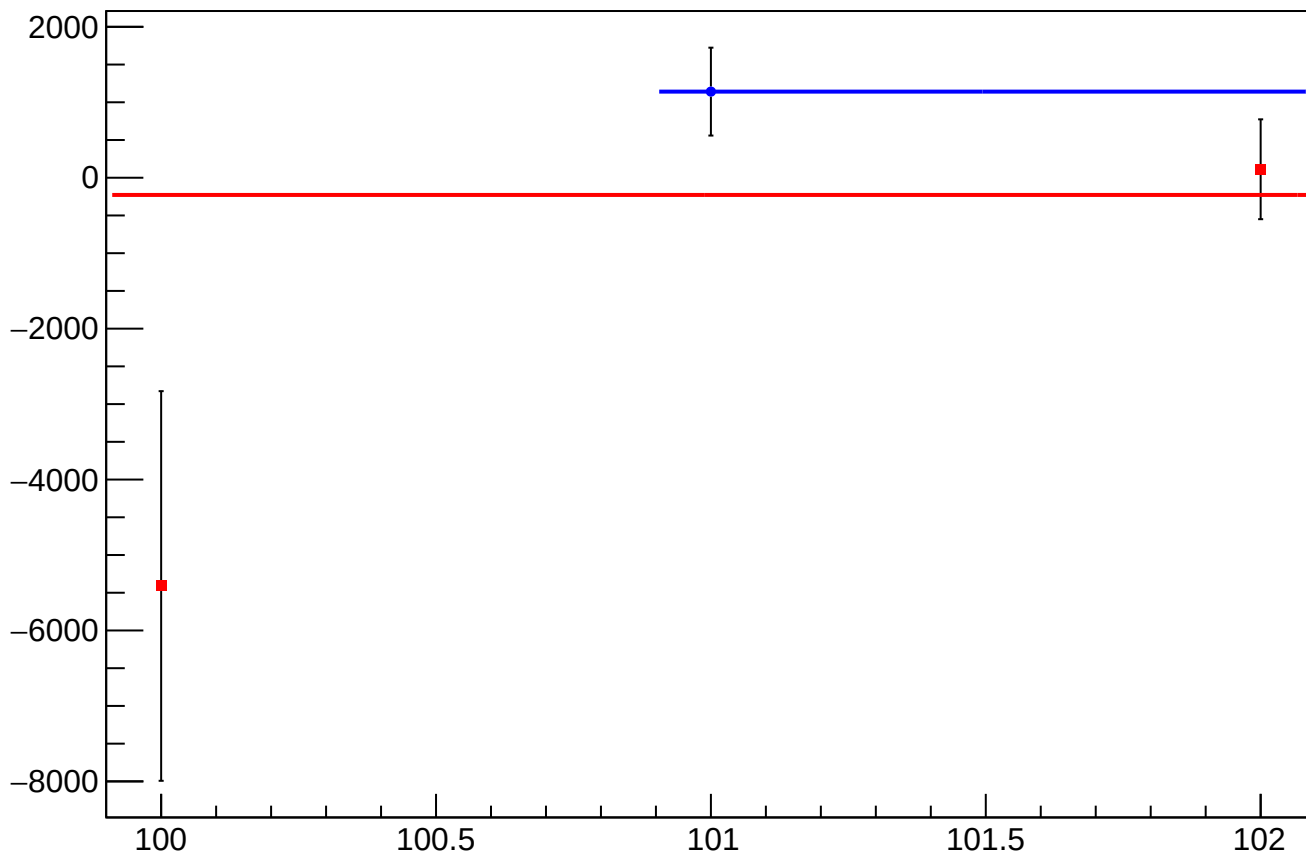
Right: 75.378+/-0.048 χ^2/NDF : 151524.4/2

In: 64.039+/-0.058 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.378+/-0.048 χ^2/NDF : 151524.4/2

asym_sam_15_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1141.346 $\pm$ 582.370 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -228.004 $\pm$ 640.938 χ^2 /NDF: 4.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

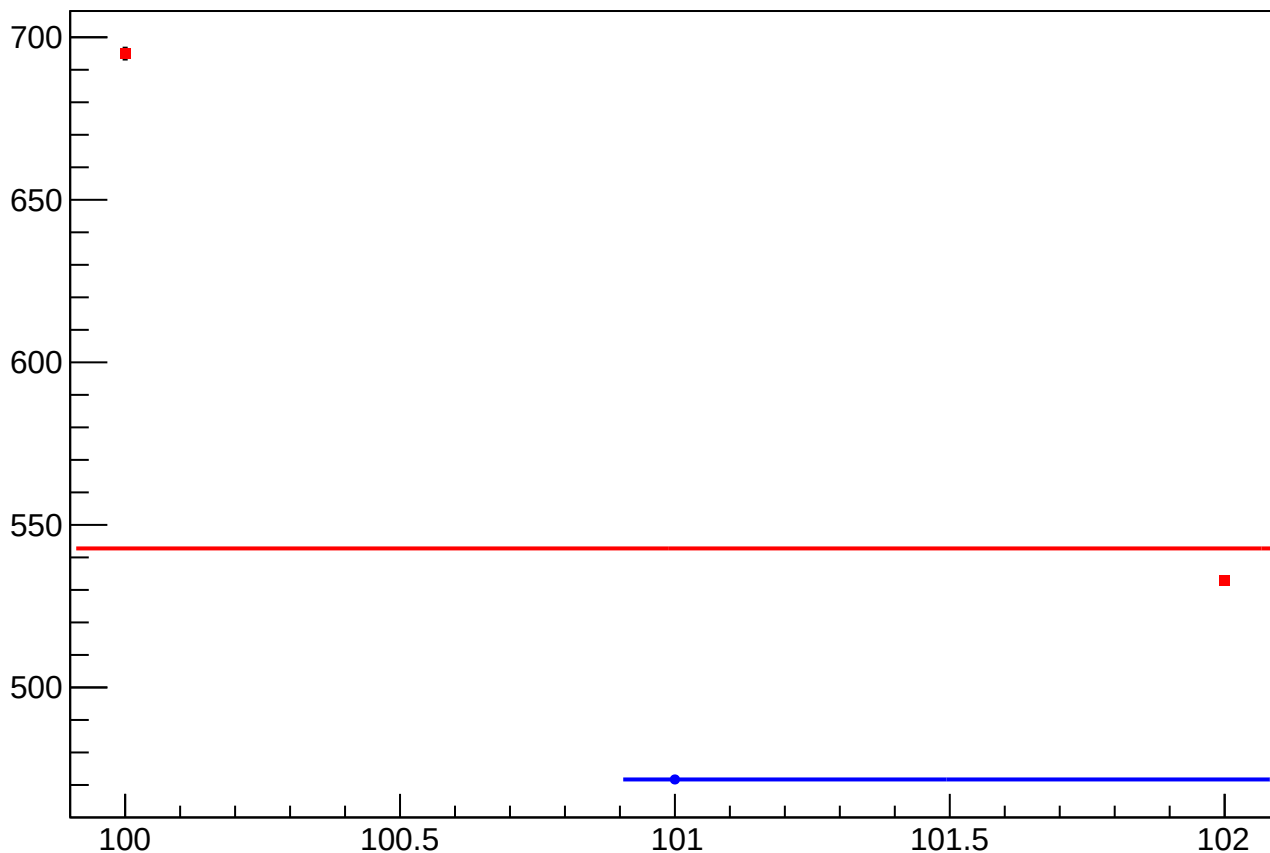
Right: 522.081 $\pm$ 431.019 χ^2 /NDF: 6.8/2

In: 1141.346 $\pm$ 582.370 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 522.081 $\pm$ 431.019 χ^2 /NDF: 6.8/2

asym_sam_15_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 471.697 $\pm$ 0.412 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 542.762 $\pm$ 0.453 χ^2 /NDF: 7407.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

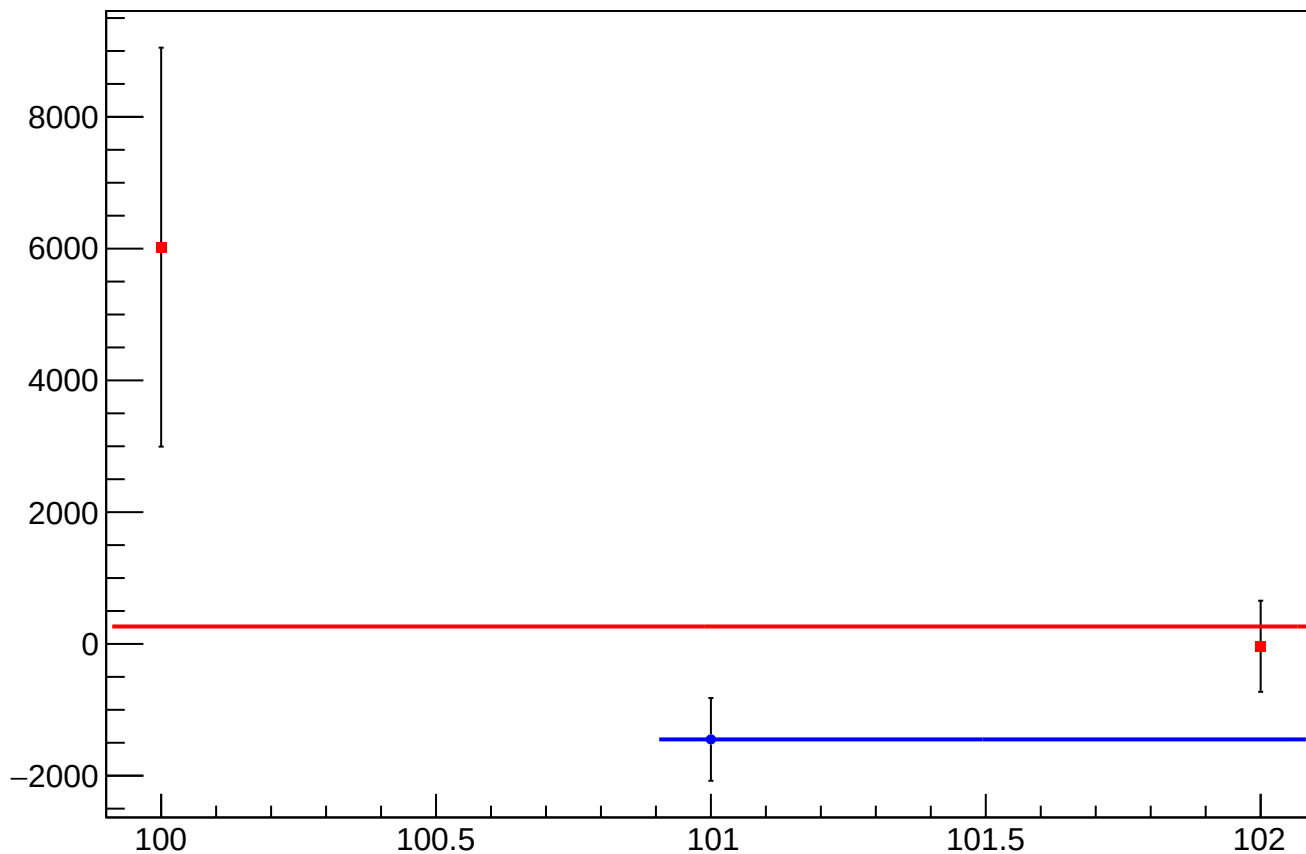
Right: 503.835 $\pm$ 0.305 χ^2 /NDF: 20875.3/2

In: 471.697 $\pm$ 0.412 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 503.835 $\pm$ 0.305 χ^2 /NDF: 20875.3/2

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -1449.109+/-628.347 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 264.839+/-674.128 χ^2/NDF : 3.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

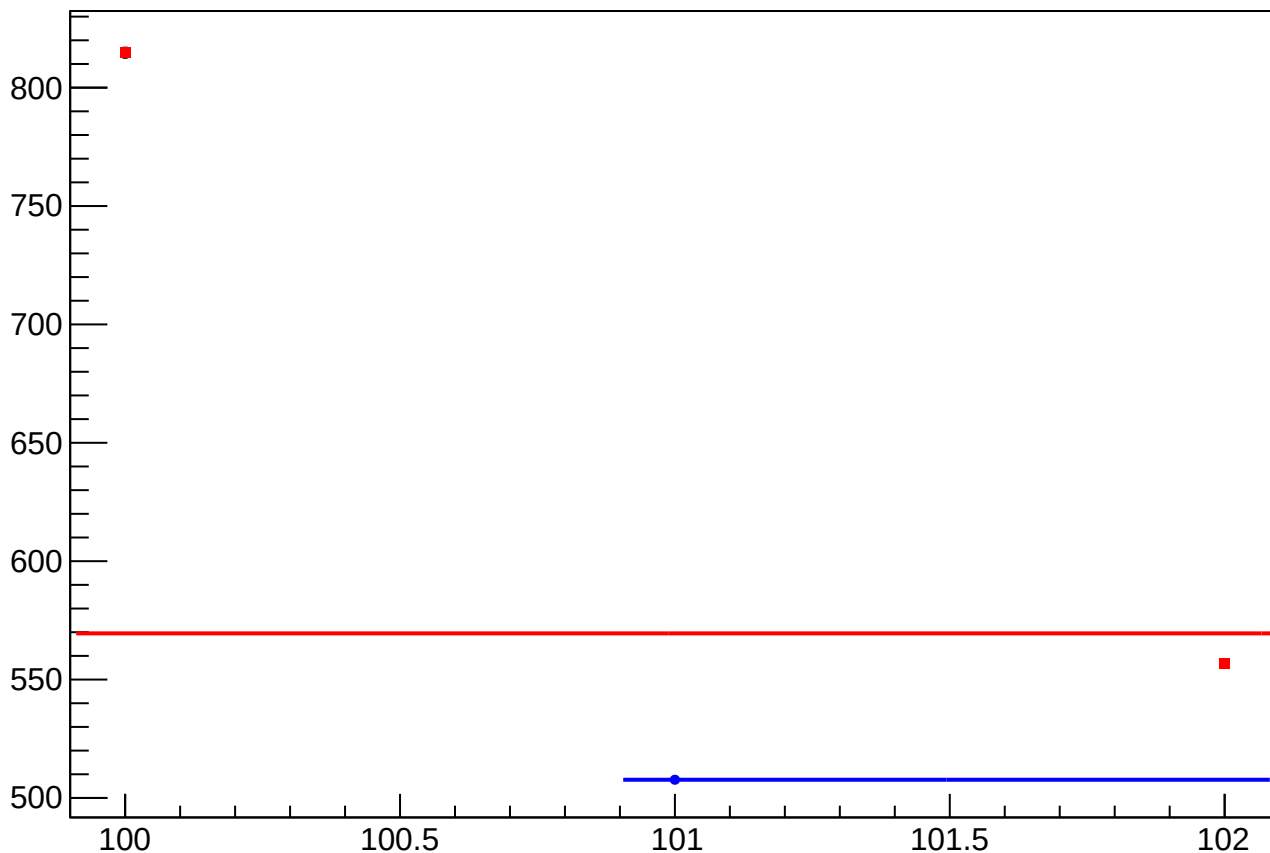
Right: -652.305+/-459.642 χ^2/NDF : 7.3/2

In: -1449.109+/-628.347 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -652.305+/-459.642 χ^2/NDF : 7.3/2

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 507.688 $\pm$ 0.444 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 569.510 $\pm$ 0.477 χ^2 /NDF: 13804.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

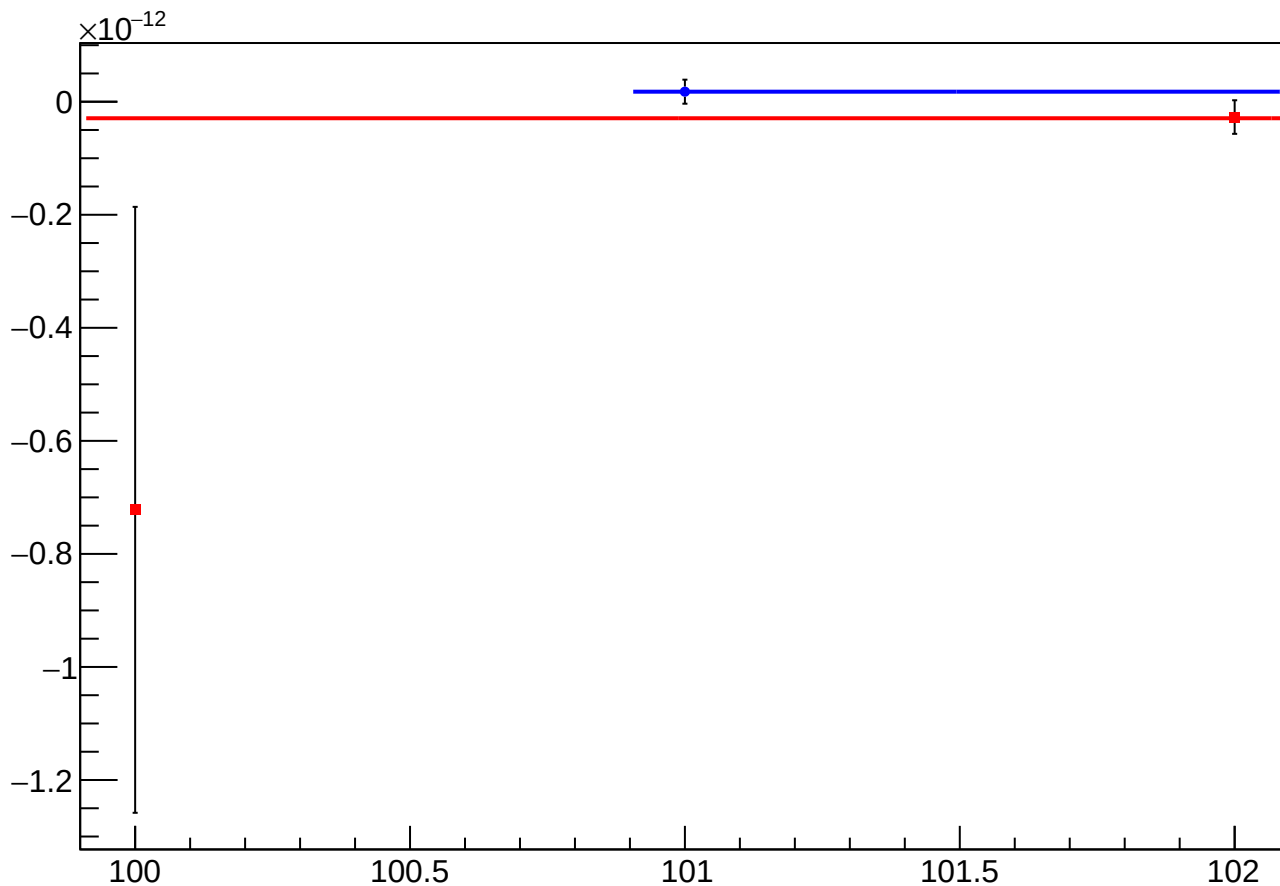
Right: 536.429 $\pm$ 0.325 χ^2 /NDF: 22805.3/2

In: 507.688 $\pm$ 0.444 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 536.429 $\pm$ 0.325 χ^2 /NDF: 22805.3/2

asym_sam_15_37_dd_reg_vs_cor_diff_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 : 1.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

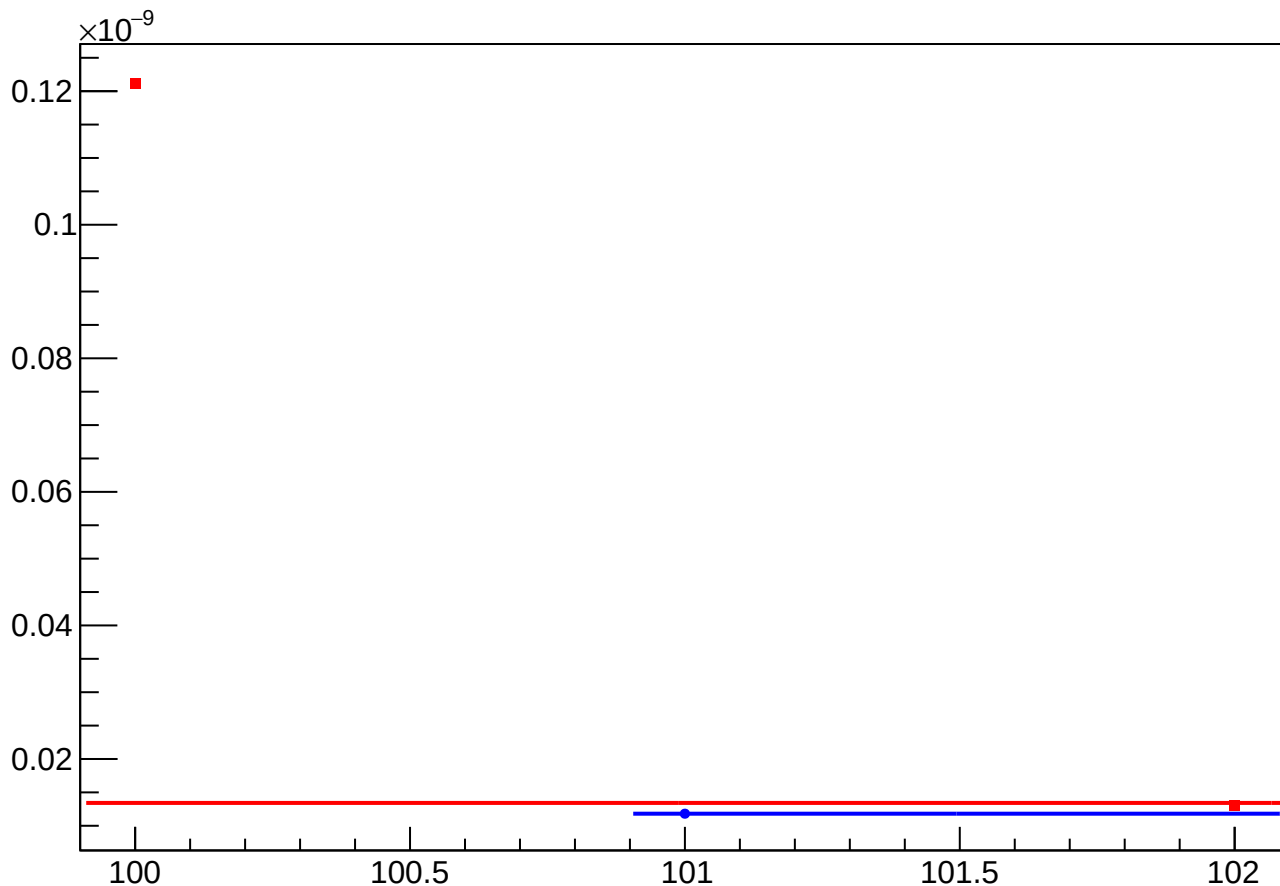
Right: 0.000+/-0.000 χ^2/NDF : 3.3/2

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 : 3.3/2

asym_sam_15_37_dd_reg_vs_cor_diff_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 : 81105.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

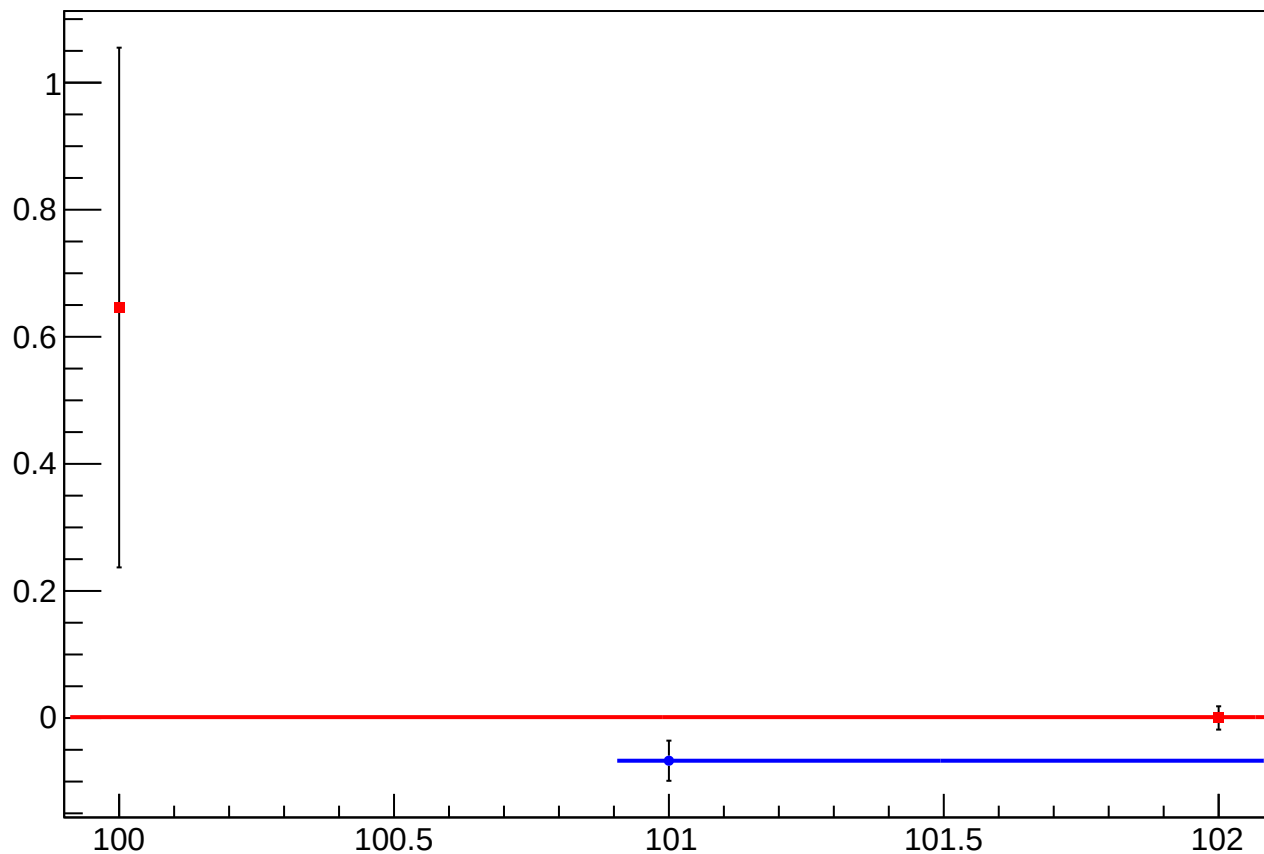
Right: 0.000+/-0.000 χ^2/NDF : 85014.3/2

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 : 85014.3/2

asym_sam_15_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.067 $\pm$ 0.032 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.001 $\pm$ 0.018 χ^2 /NDF: 2.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

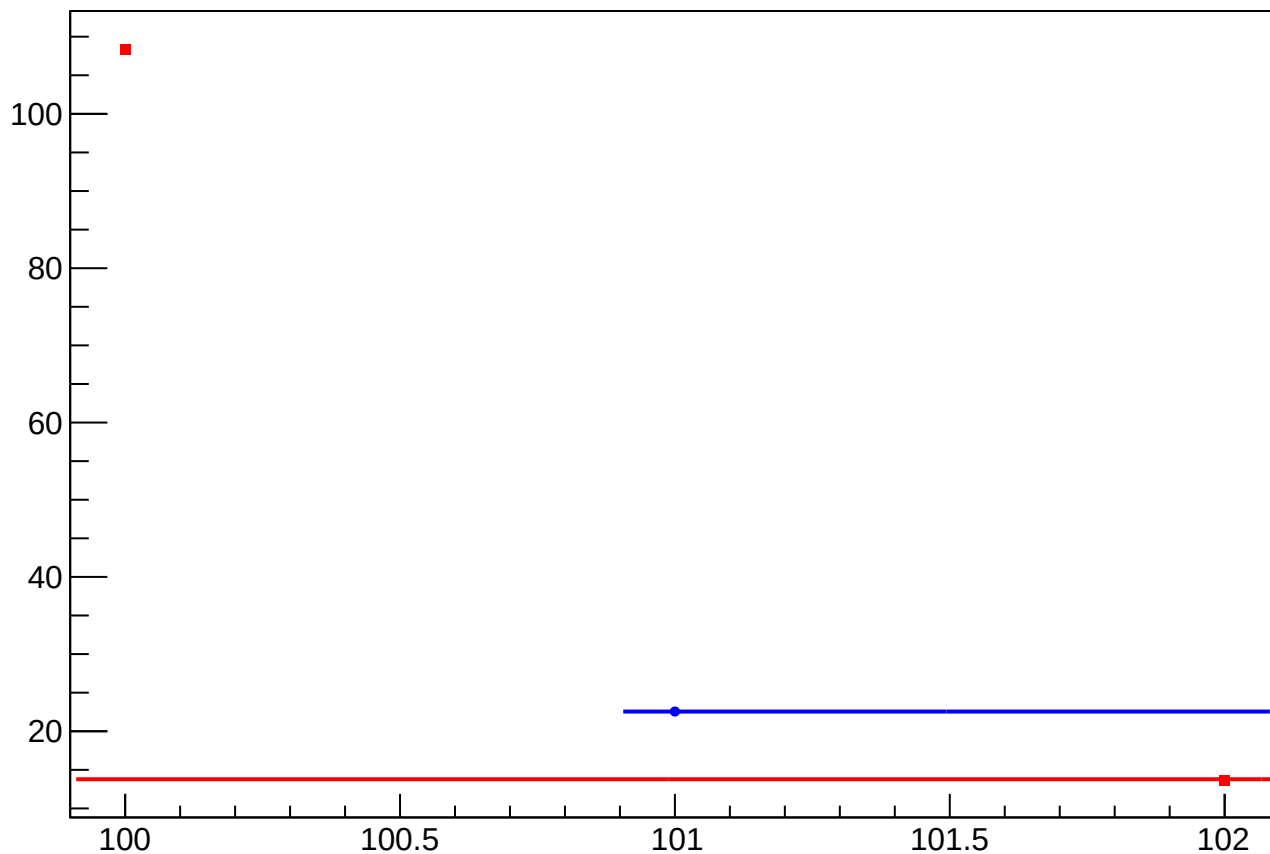
Right: -0.016 $\pm$ 0.016 χ^2 /NDF: 6.0/2

In: -0.067 $\pm$ 0.032 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.016 $\pm$ 0.016 χ^2 /NDF: 6.0/2

asym_sam_15_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.555 $\pm$ 0.022 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.784 $\pm$ 0.013 χ^2 /NDF: 106995.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

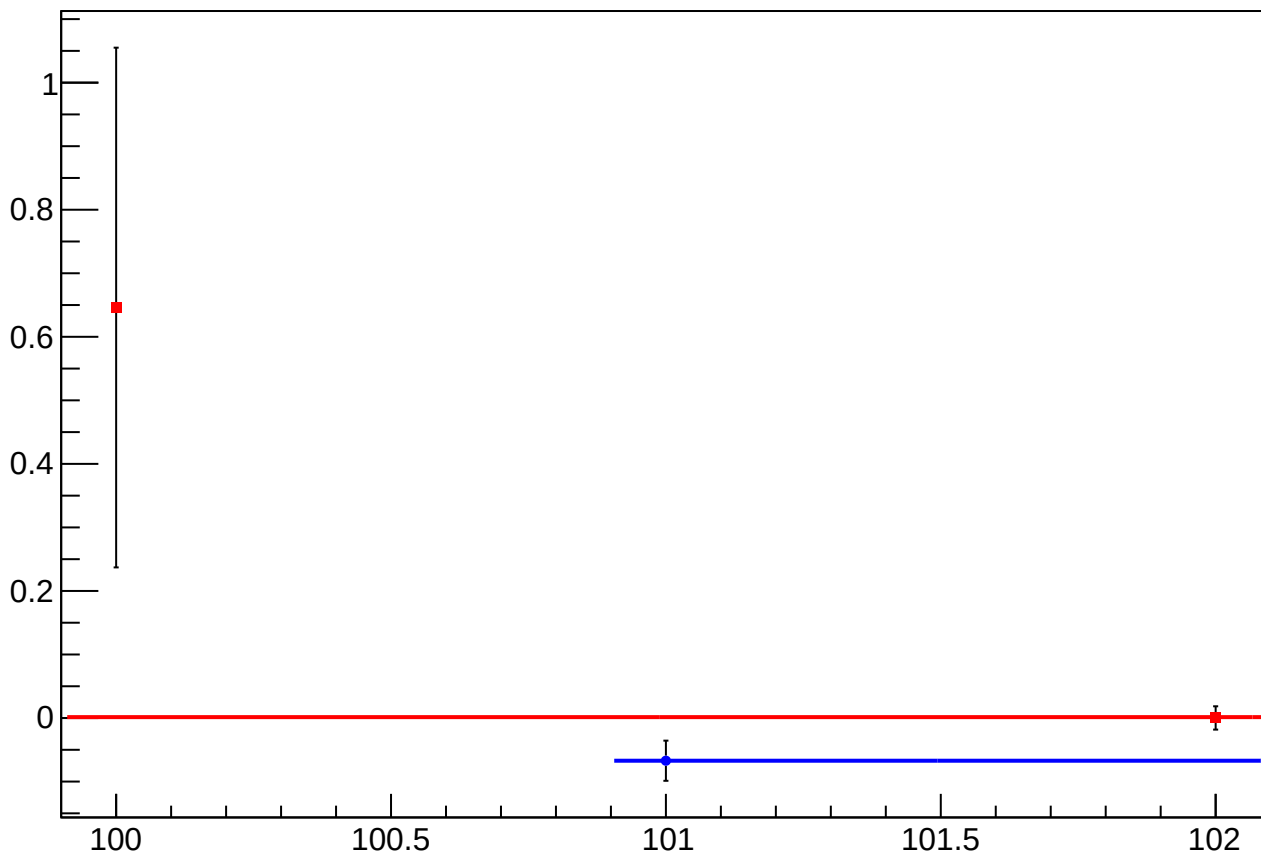
Right: 15.991 $\pm$ 0.011 χ^2 /NDF: 222304.9/2

In: 22.555 $\pm$ 0.022 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 15.991 $\pm$ 0.011 χ^2 /NDF: 222304.9/2

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.067+/-0.032 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.018 χ^2/NDF : 2.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

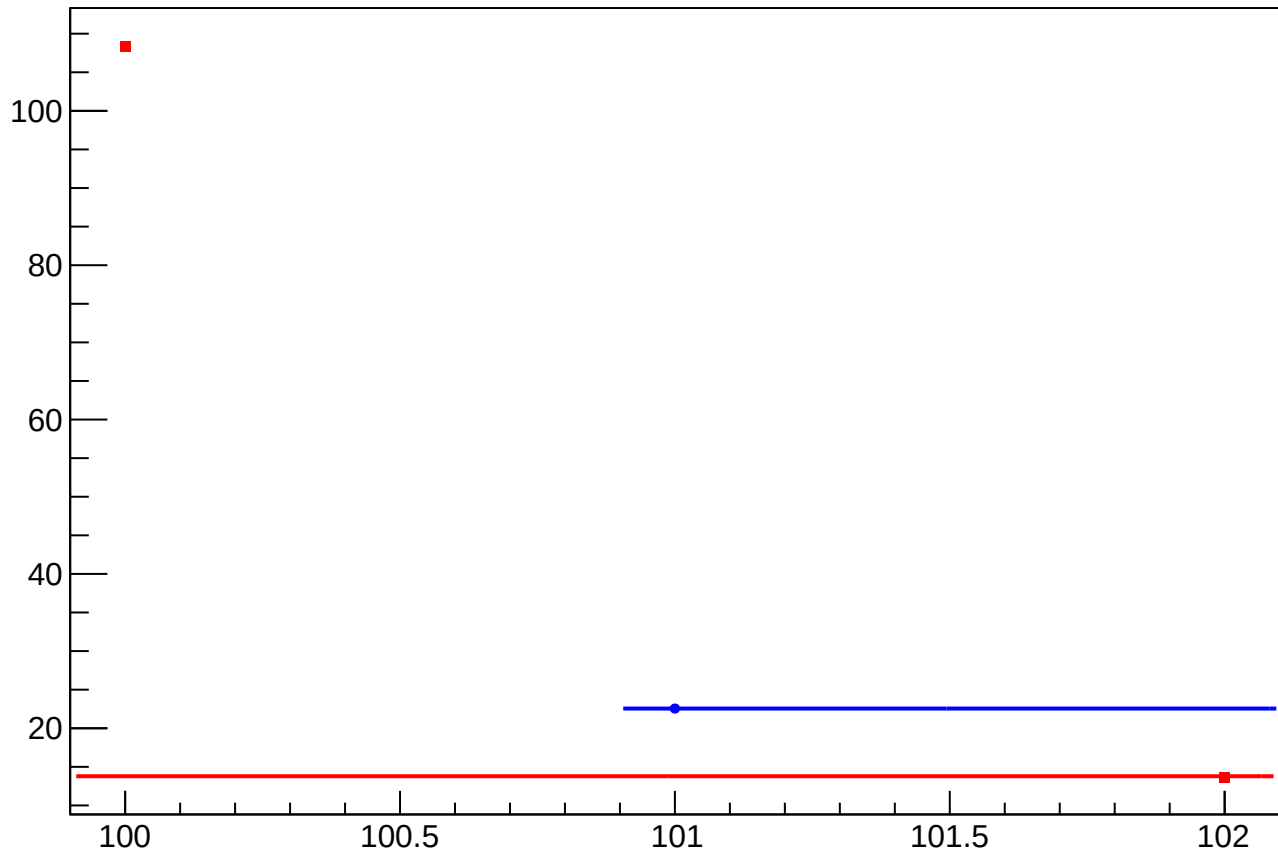
Right: -0.016+/-0.016 χ^2/NDF : 6.0/2

In: -0.067+/-0.032 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.016 χ^2/NDF : 6.0/2

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.555 $\pm$ 0.022 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.784 $\pm$ 0.013 χ^2 /NDF: 106995.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

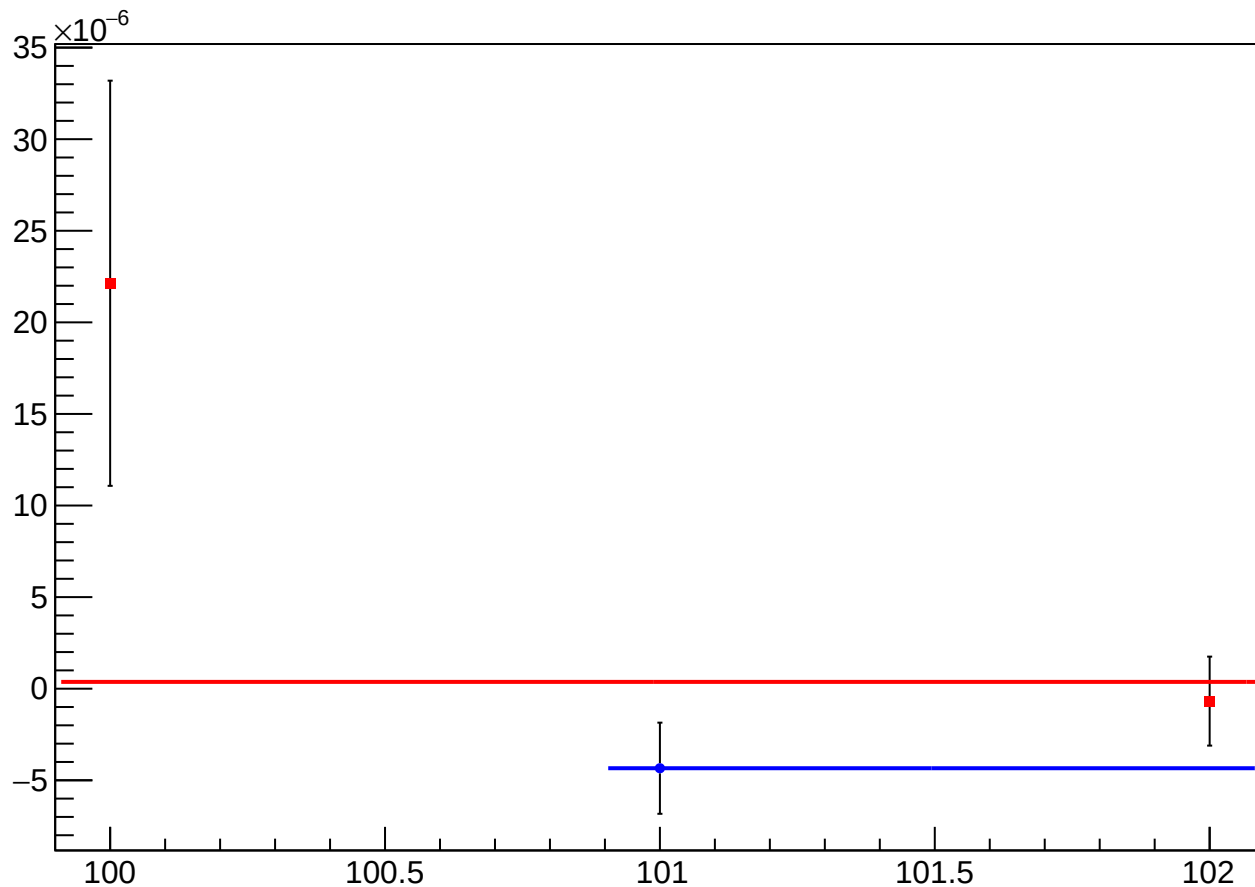
Right: 15.991 $\pm$ 0.011 χ^2 /NDF: 222304.9/2

In: 22.555 $\pm$ 0.022 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 15.991 $\pm$ 0.011 χ^2 /NDF: 222304.9/2

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_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 : 4.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

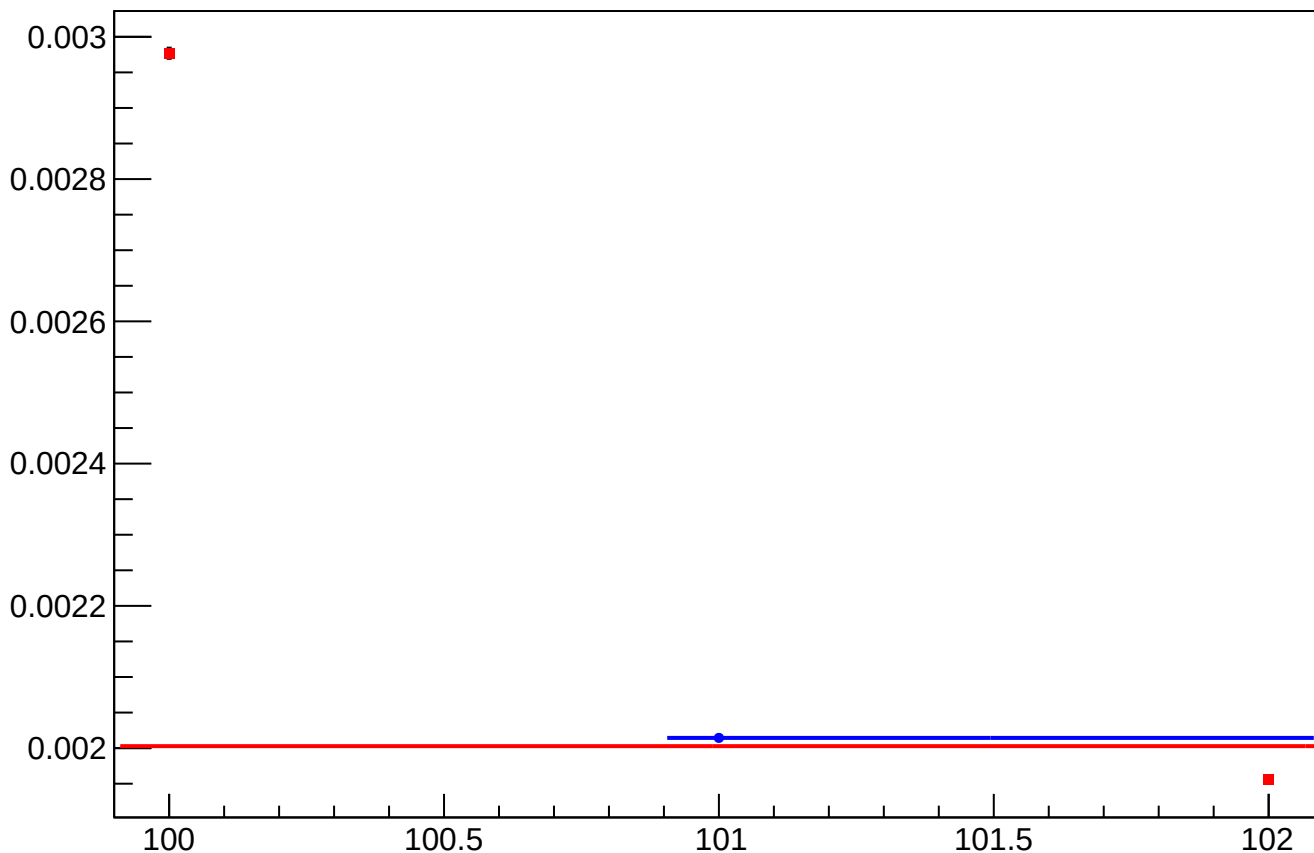
Right: -0.000+/-0.000 χ^2/NDF : 5.9/2

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 : 5.9/2

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 16264.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

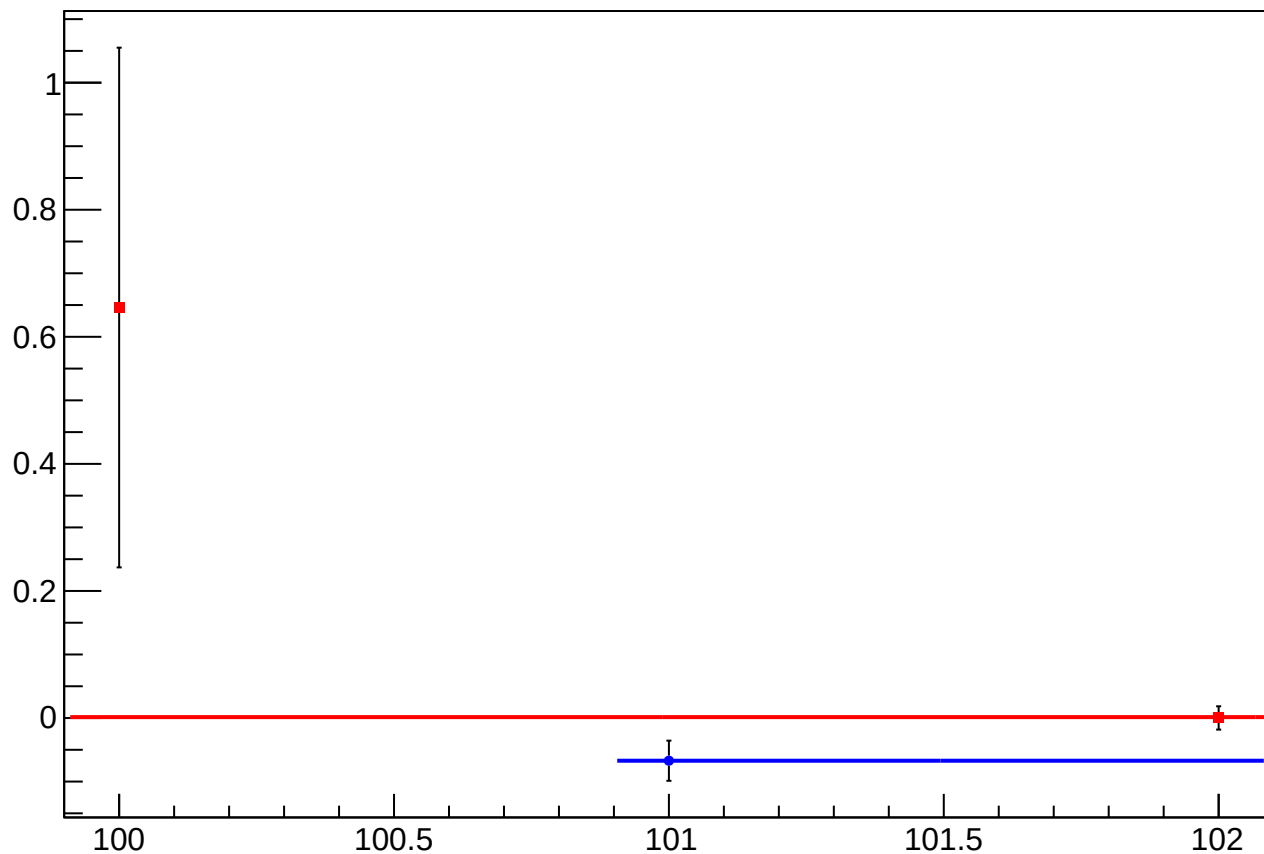
Right: 0.002+/-0.000 χ^2/NDF : 16287.0/2

In: 0.002+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 16287.0/2

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.067 $\pm$ 0.032 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.001 $\pm$ 0.018 χ^2 /NDF: 2.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

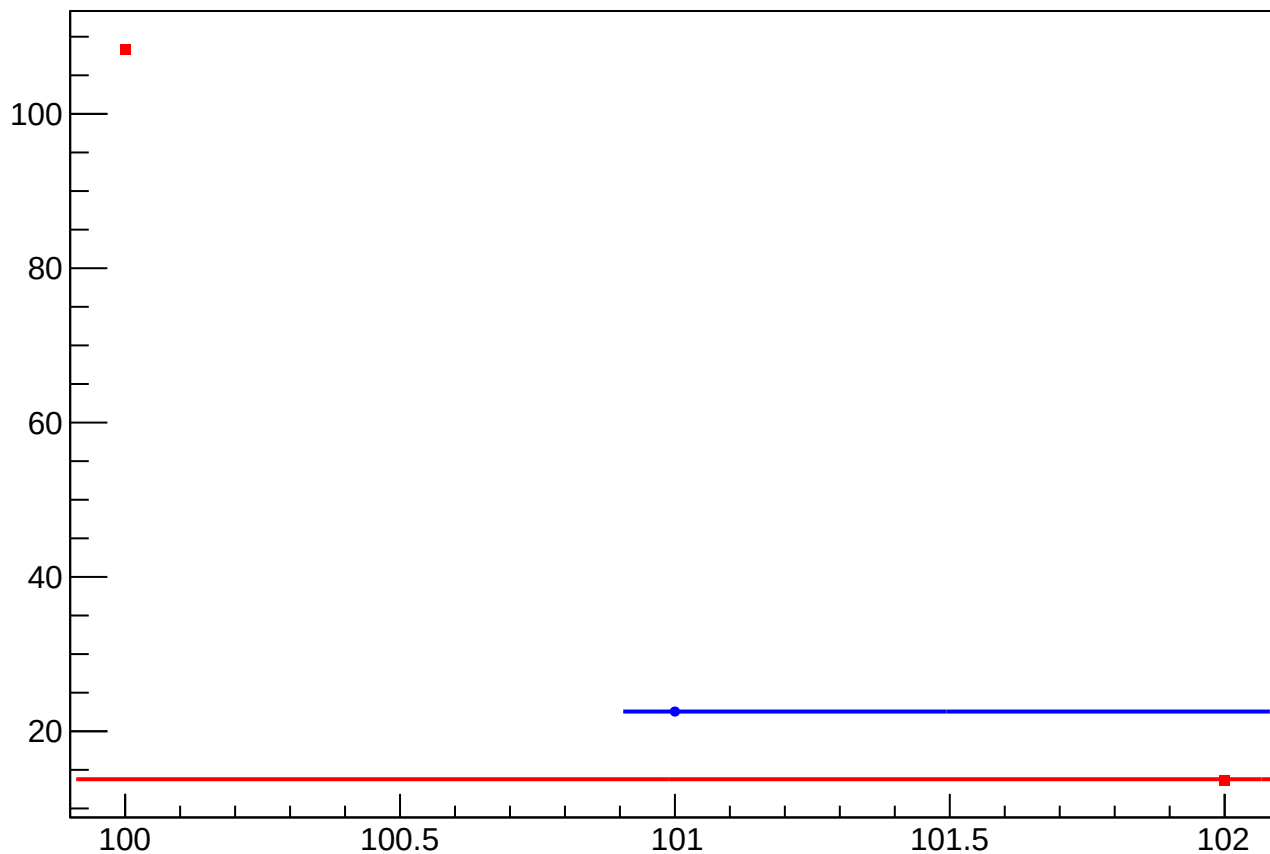
Right: -0.016 $\pm$ 0.016 χ^2 /NDF: 6.0/2

In: -0.067 $\pm$ 0.032 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.016 $\pm$ 0.016 χ^2 /NDF: 6.0/2

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.556 $\pm$ 0.022 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.785 $\pm$ 0.013 χ^2 /NDF: 106993.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

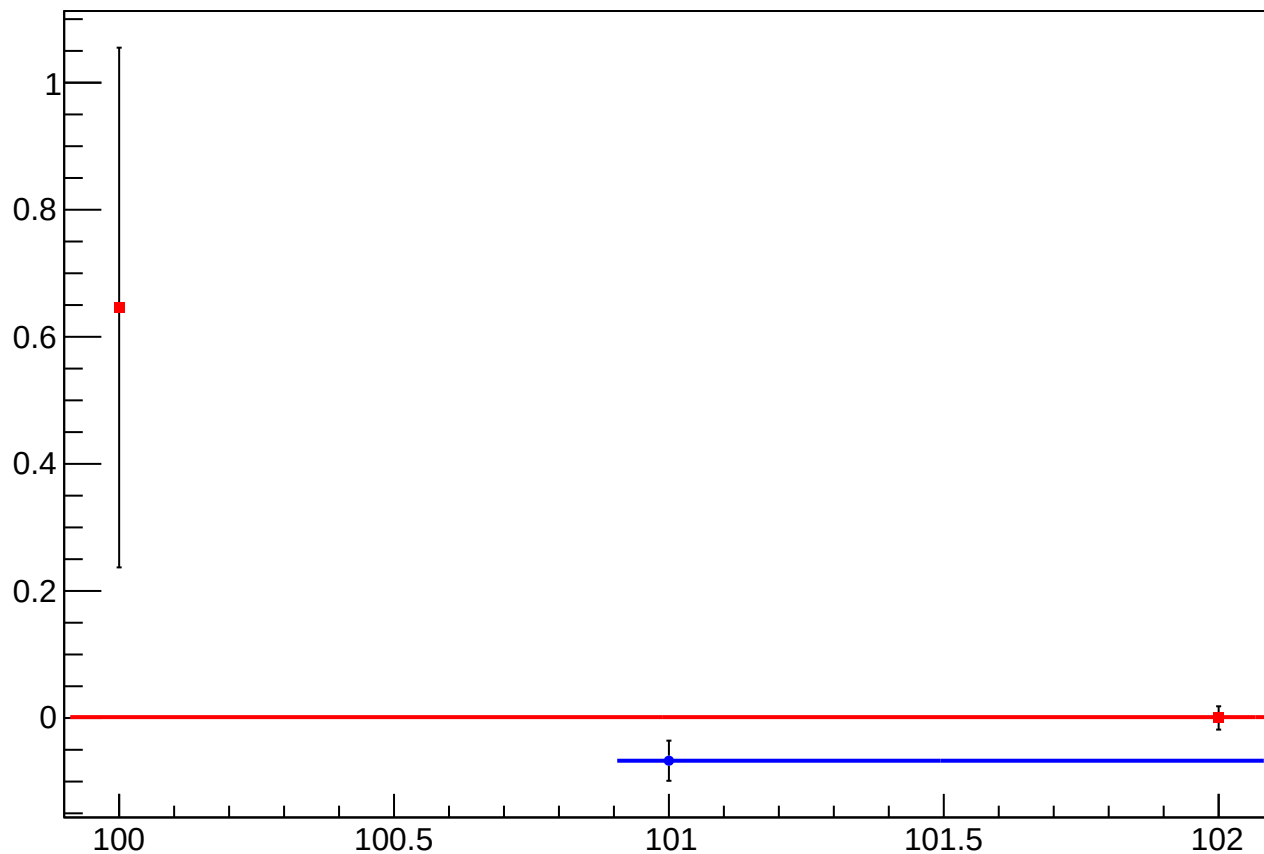
Right: 15.993 $\pm$ 0.011 χ^2 /NDF: 222293.2/2

In: 22.556 $\pm$ 0.022 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 15.993 $\pm$ 0.011 χ^2 /NDF: 222293.2/2

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.067 $\pm$ 0.032 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.001 $\pm$ 0.018 χ^2 /NDF: 2.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

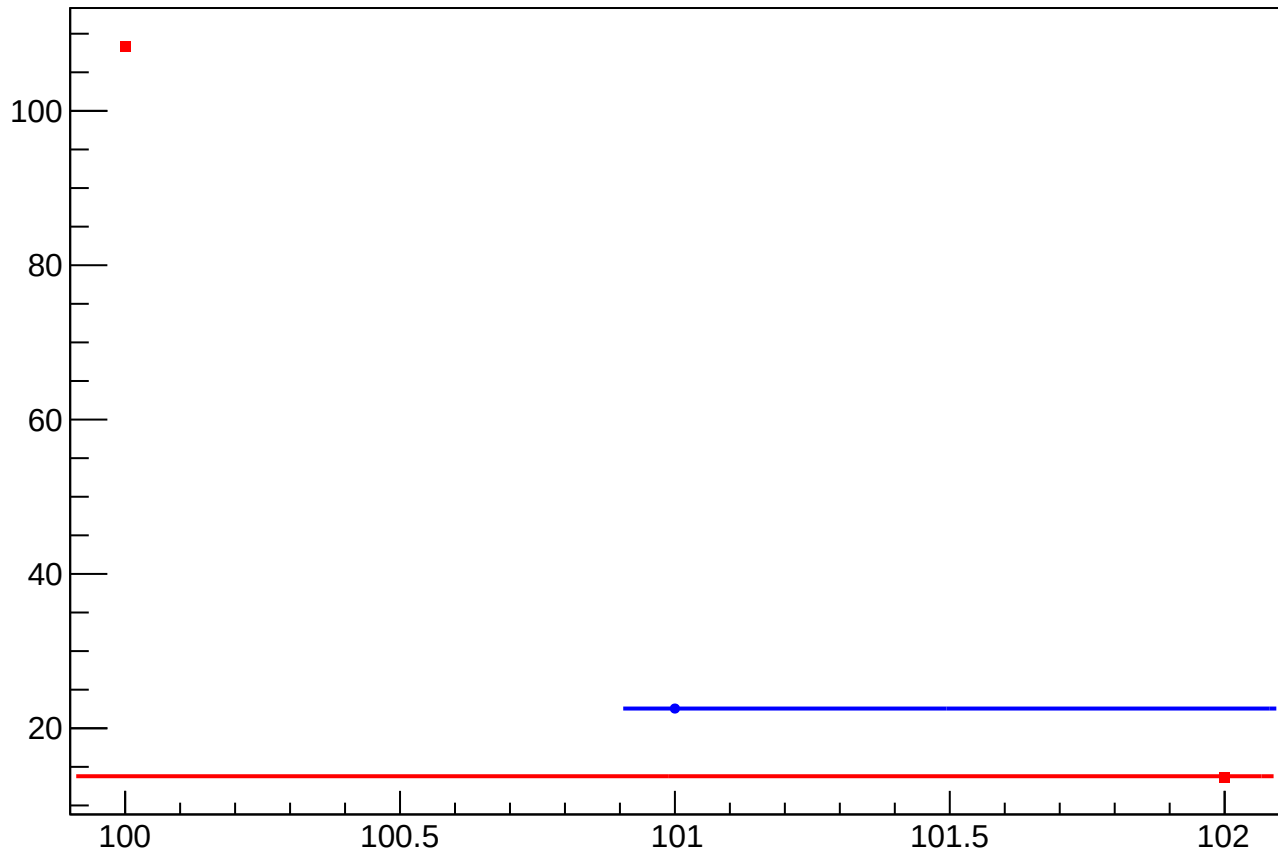
Right: -0.016 $\pm$ 0.016 χ^2 /NDF: 6.0/2

In: -0.067 $\pm$ 0.032 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.016 $\pm$ 0.016 χ^2 /NDF: 6.0/2

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.556 $\pm$ 0.022 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.785 $\pm$ 0.013 χ^2 /NDF: 106993.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

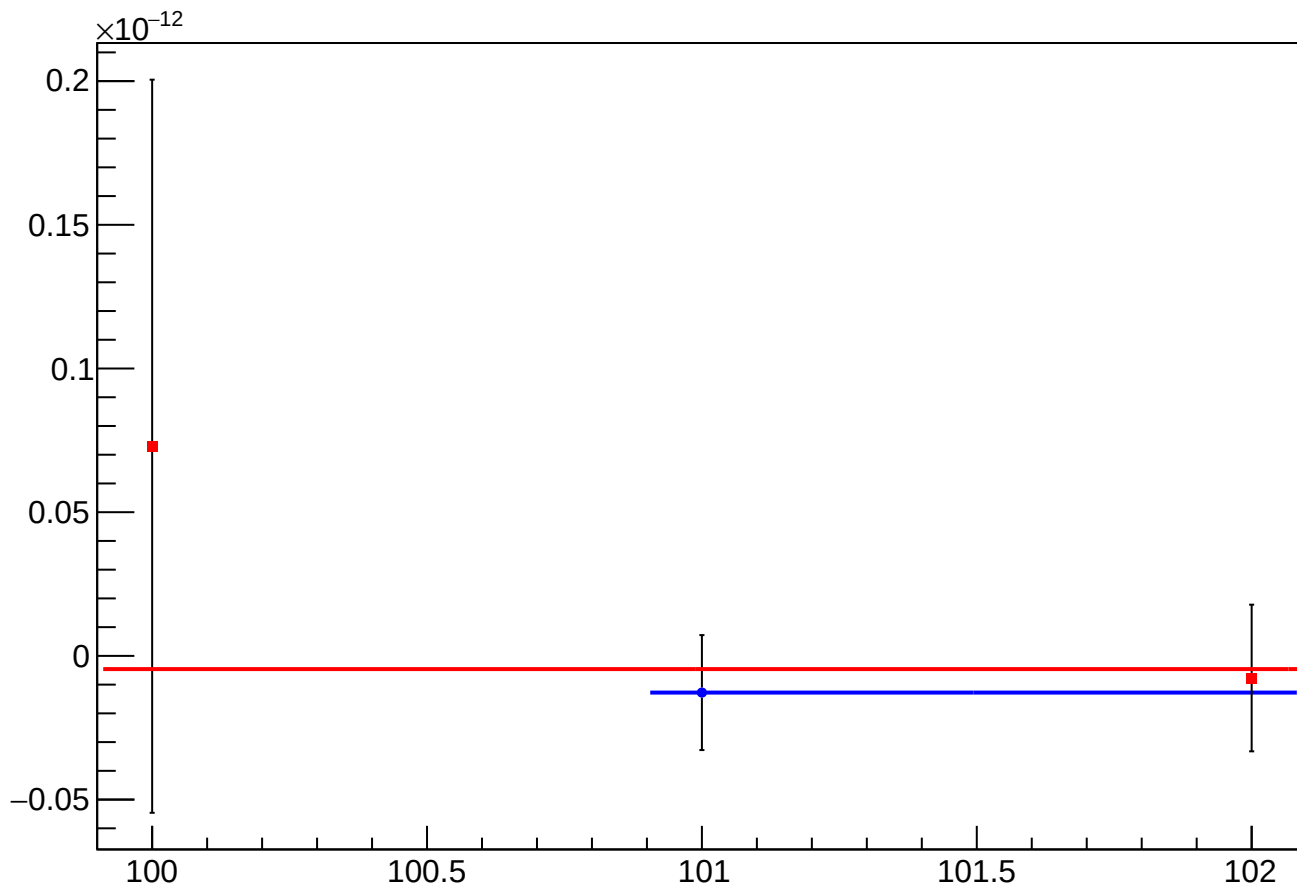
Right: 15.993 $\pm$ 0.011 χ^2 /NDF: 222293.2/2

In: 22.556 $\pm$ 0.022 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 15.993 $\pm$ 0.011 χ^2 /NDF: 222293.2/2

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

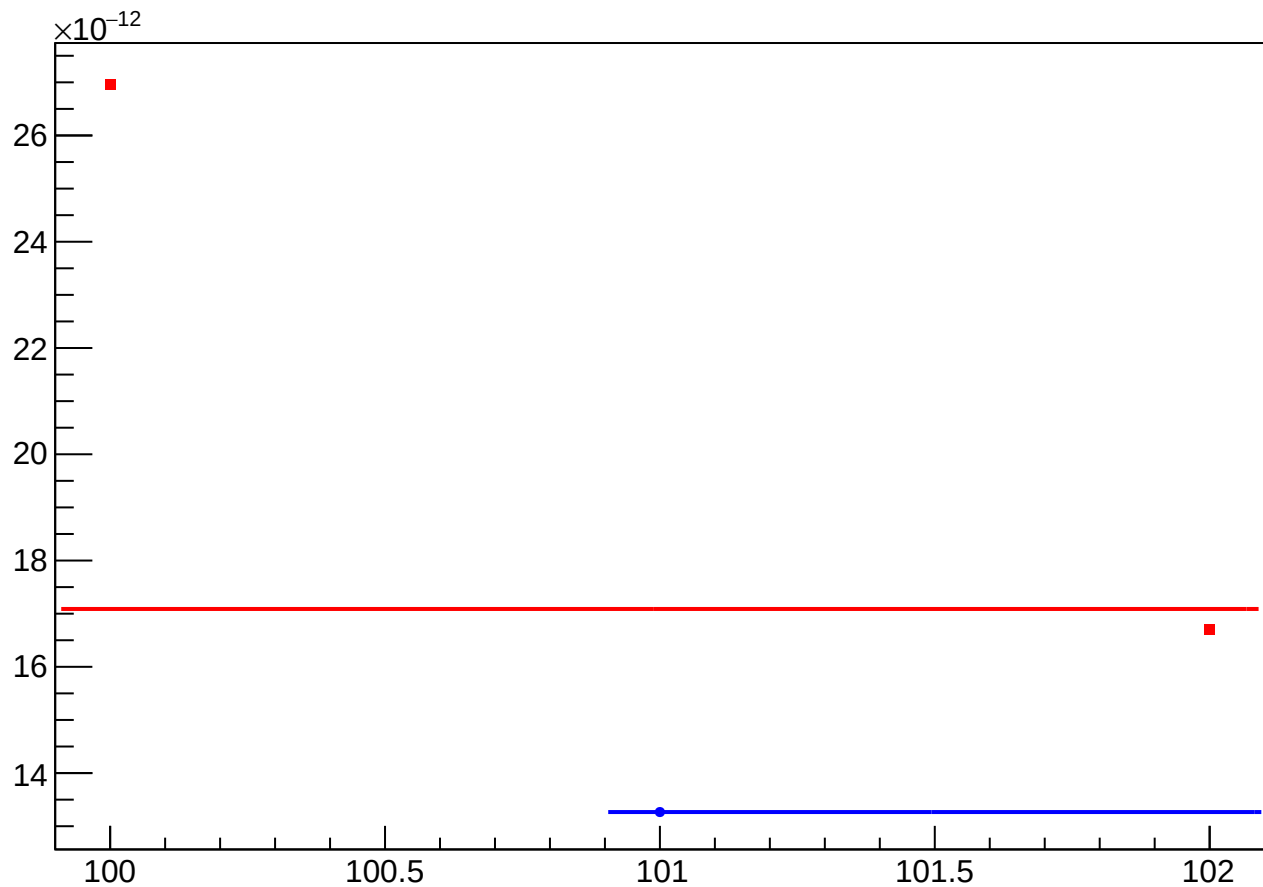
Right: -0.000+/-0.000 χ^2/NDF : 0.4/2

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 : 0.4/2

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_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 : 12457.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

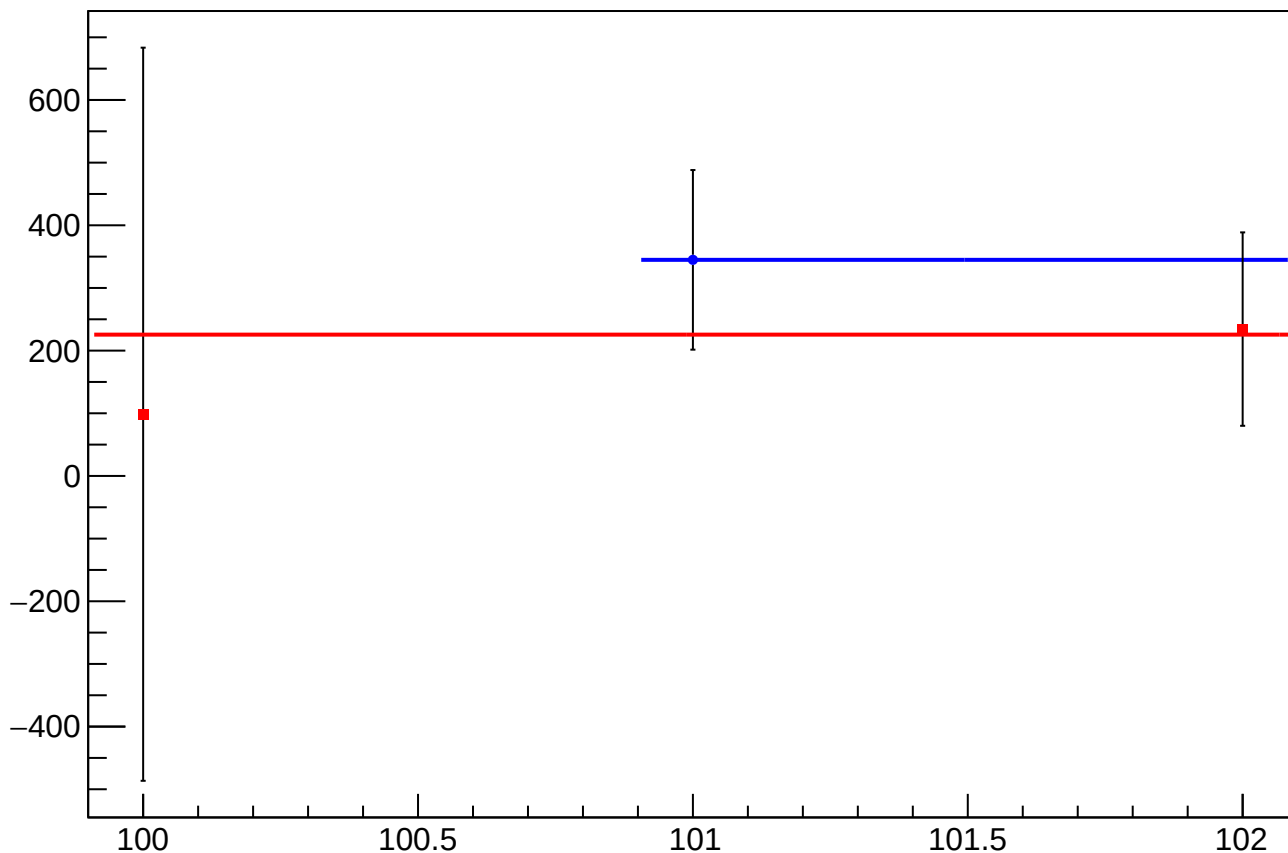
Right: 0.000+/-0.000 χ^2/NDF : 40929.0/2

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 : 40929.0/2

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 344.864 $\pm$ 143.322 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 225.517 $\pm$ 149.224 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

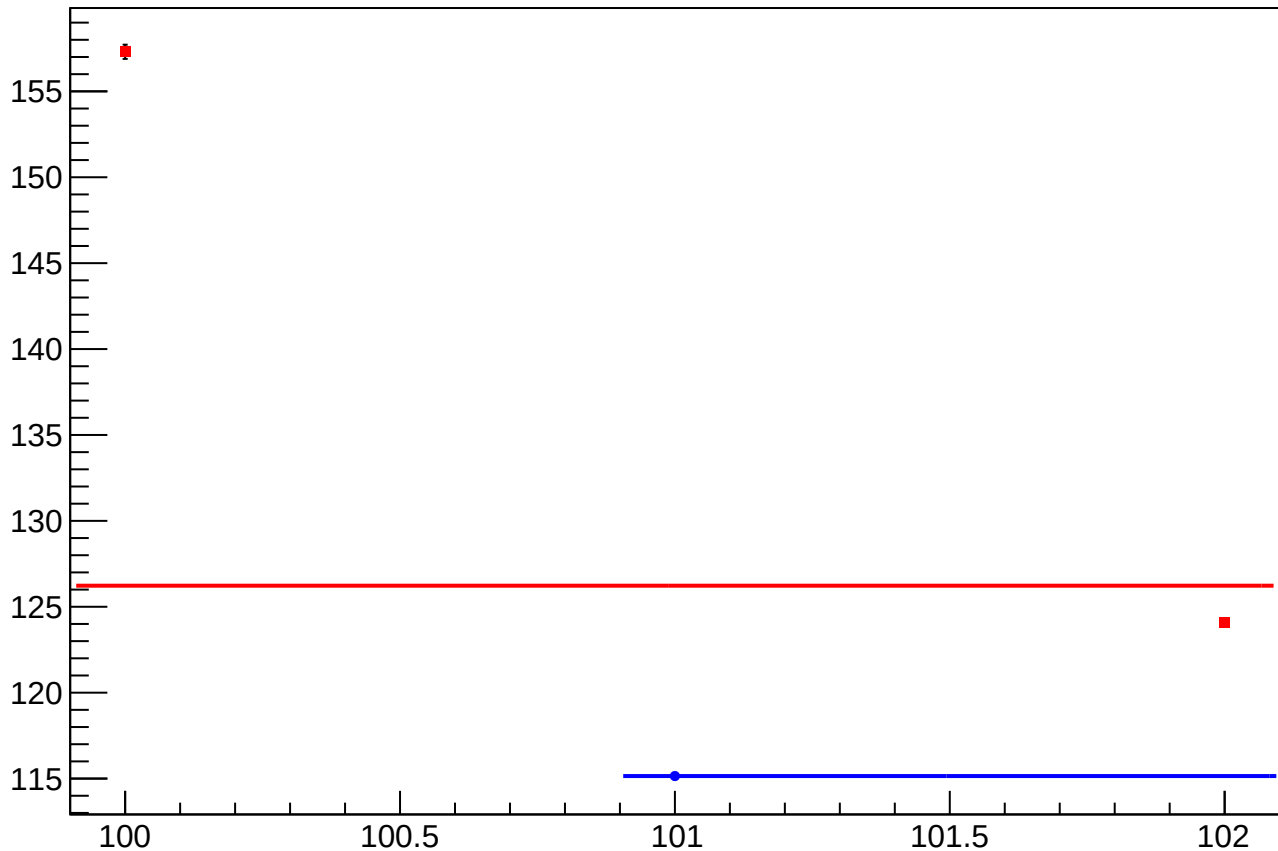
Right: 287.597 $\pm$ 103.367 χ^2 /NDF: 0.4/2

In: 344.864 $\pm$ 143.322 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 287.597 $\pm$ 103.367 χ^2 /NDF: 0.4/2

reg_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 115.147 $\pm$ 0.101 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 126.227 $\pm$ 0.106 χ^2 /NDF: 6037.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

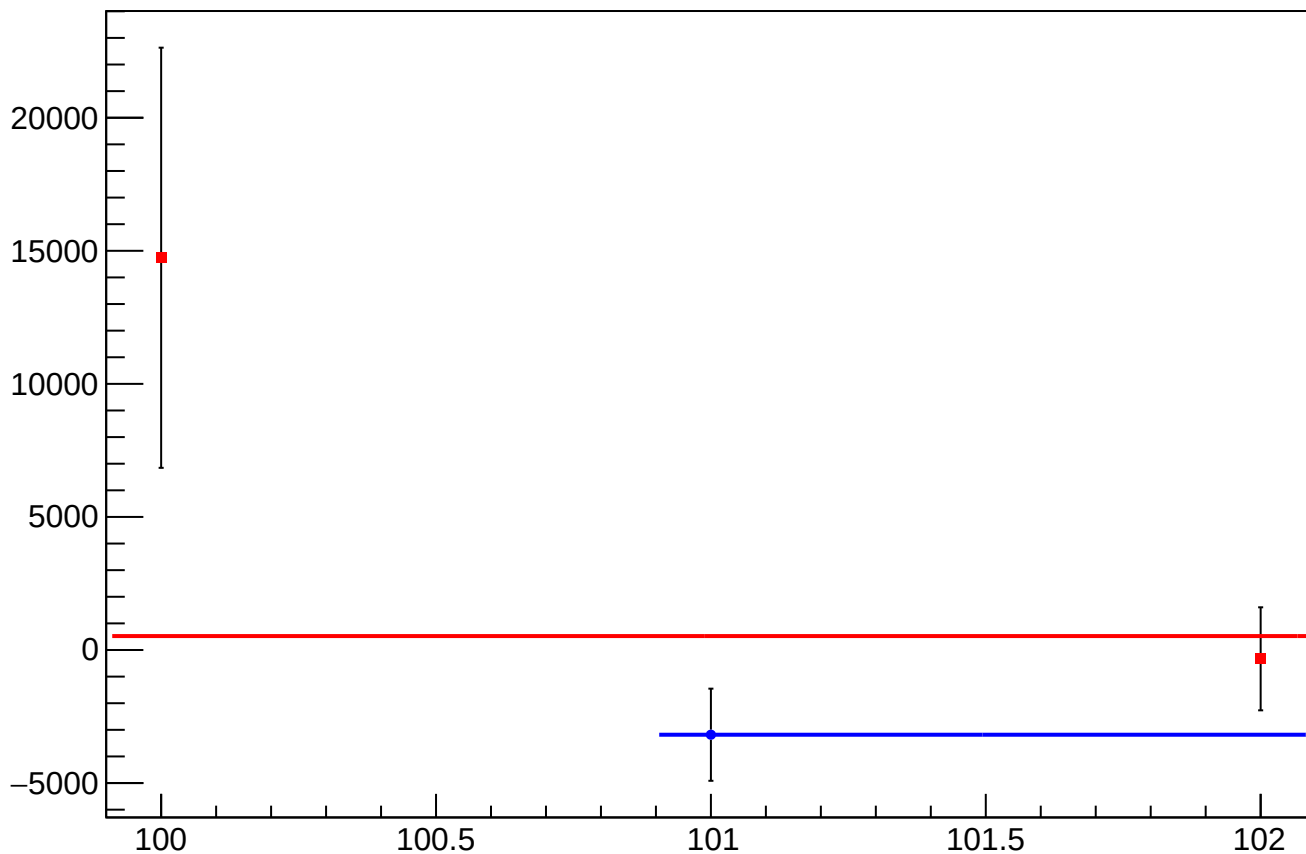
Right: 120.463 $\pm$ 0.073 χ^2 /NDF: 11772.9/2

In: 115.147 $\pm$ 0.101 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 120.463 $\pm$ 0.073 χ^2 /NDF: 11772.9/2

asym_sam_24_68_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -3184.001+/-1731.145 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 523.210+/-1880.053 χ^2/NDF : 3.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

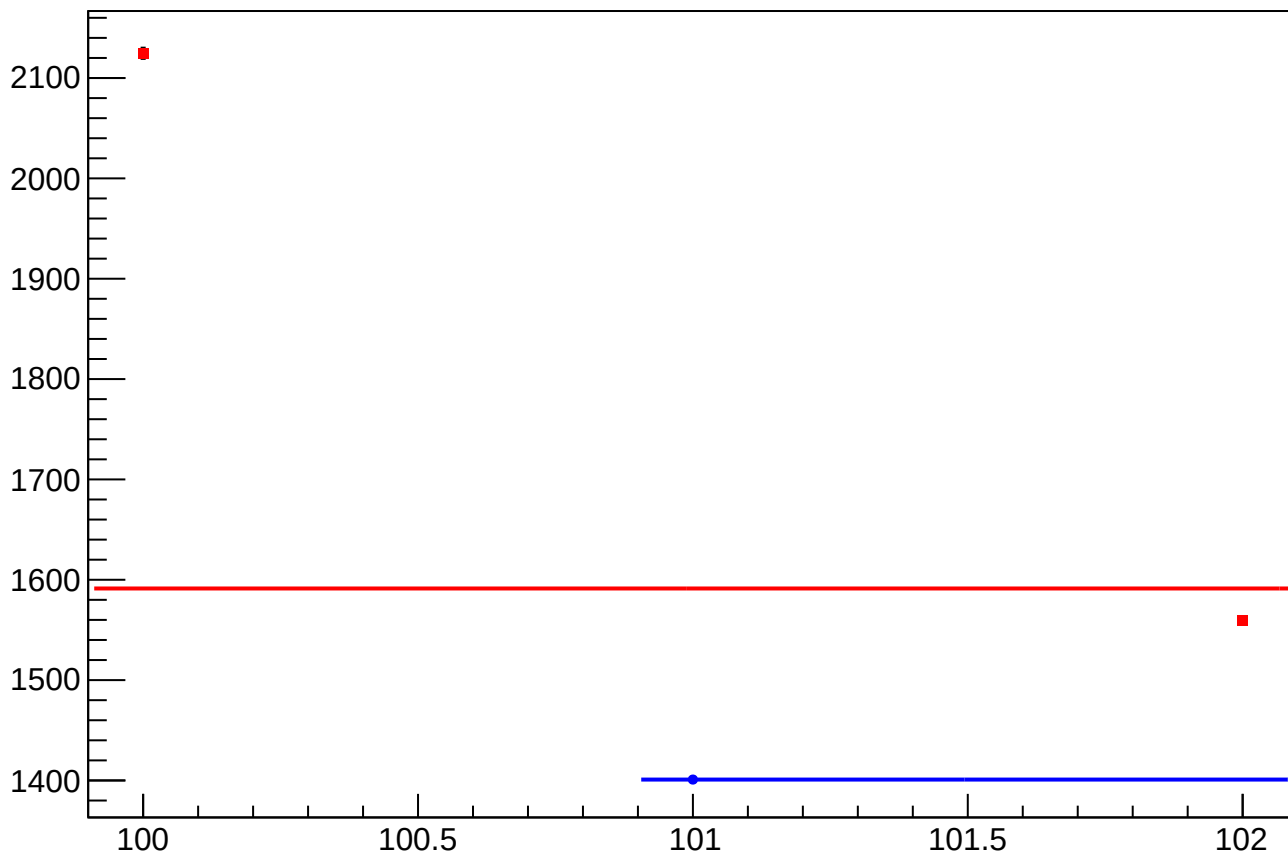
Right: -1483.003+/-1273.498 χ^2/NDF : 5.5/2

In: -3184.001+/-1731.145 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1483.003+/-1273.498 χ^2/NDF : 5.5/2

asym_sam_24_68_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1400.886 $\pm$ 1.224 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1591.312 $\pm$ 1.329 χ^2 /NDF: 9678.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

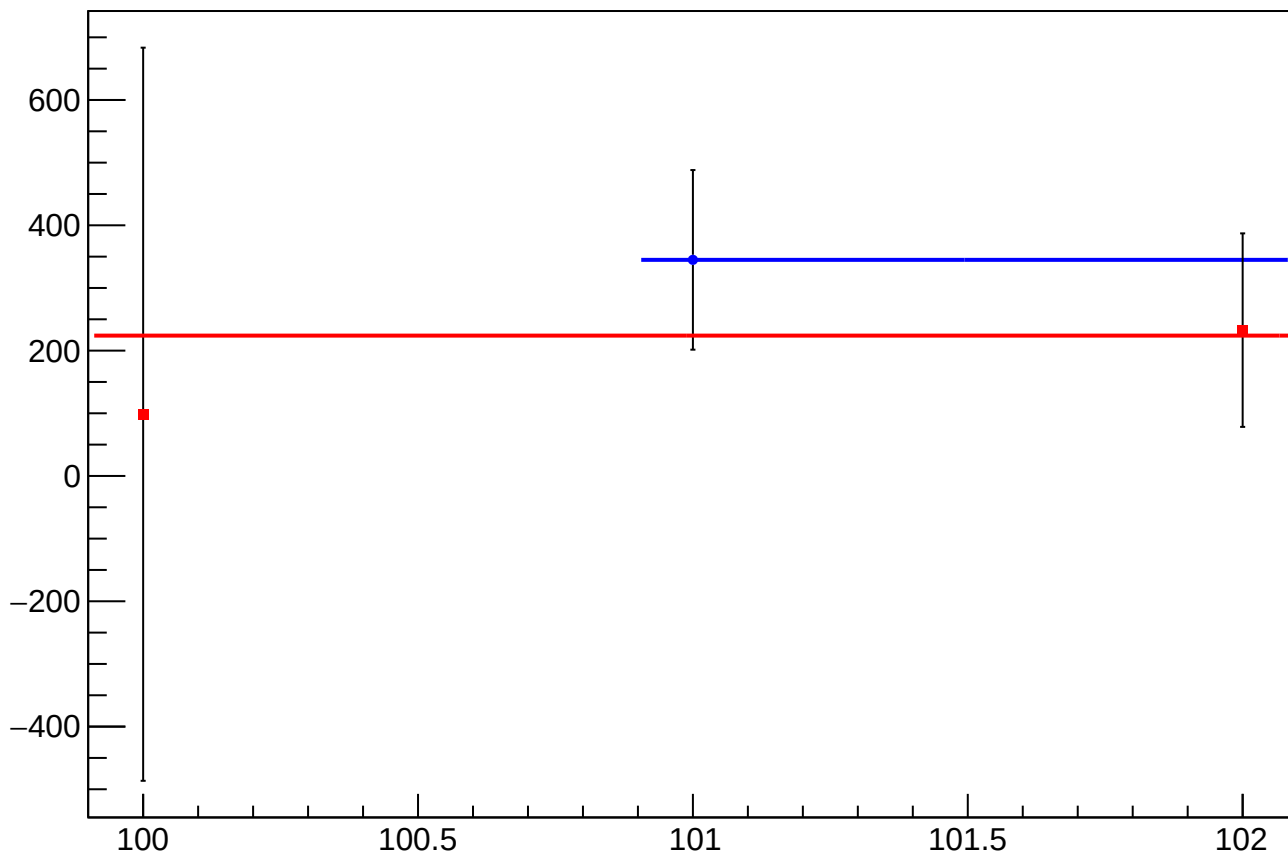
Right: 1488.260 $\pm$ 0.900 χ^2 /NDF: 20782.5/2

In: 1400.886 $\pm$ 1.224 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1488.260 $\pm$ 0.900 χ^2 /NDF: 20782.5/2

cor_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 344.855+/-143.322 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 223.970+/-149.289 χ^2 /NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

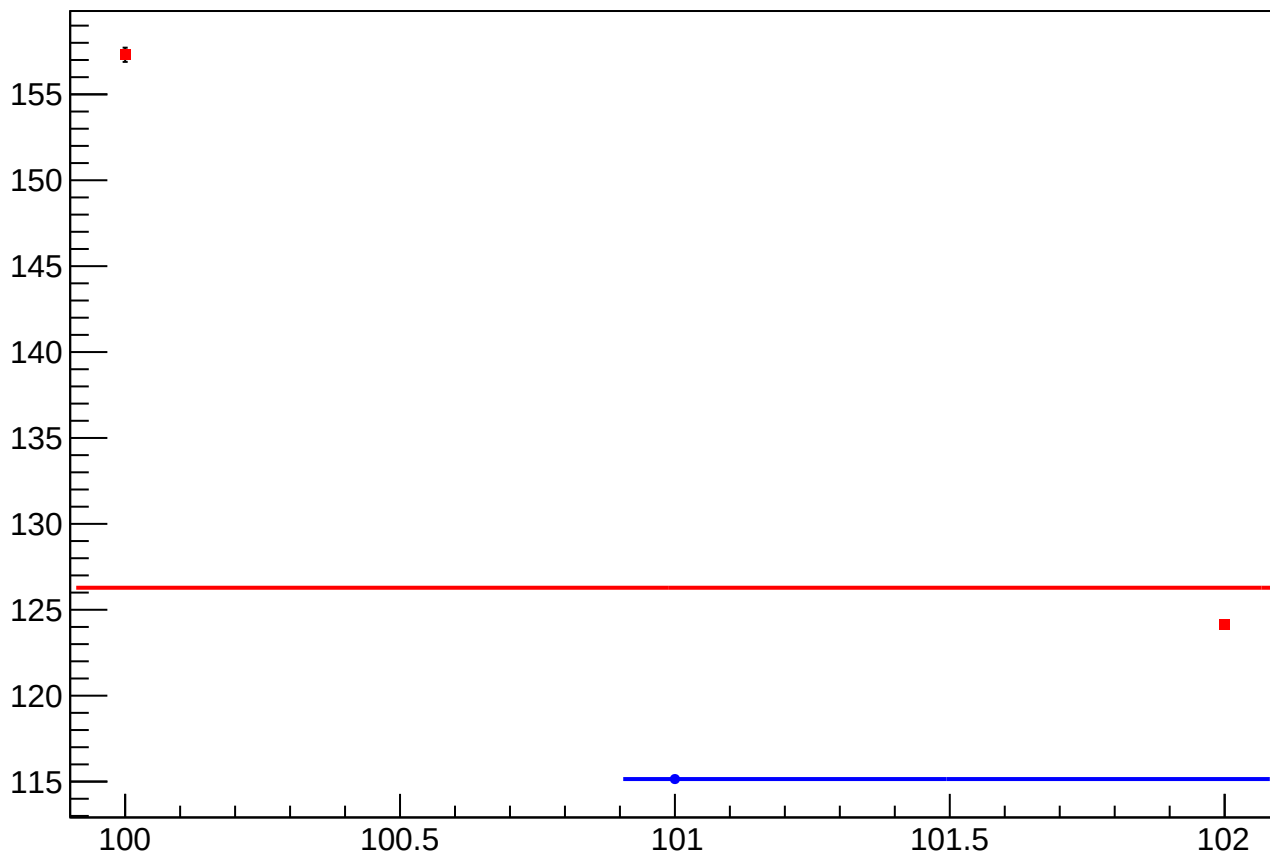
Right: 286.877+/-103.389 χ^2 /NDF: 0.4/2

In: 344.855+/-143.322 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 286.877+/-103.389 χ^2 /NDF: 0.4/2

cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 115.147 $\pm$ 0.101 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 126.282 $\pm$ 0.106 χ^2 /NDF: 6016.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

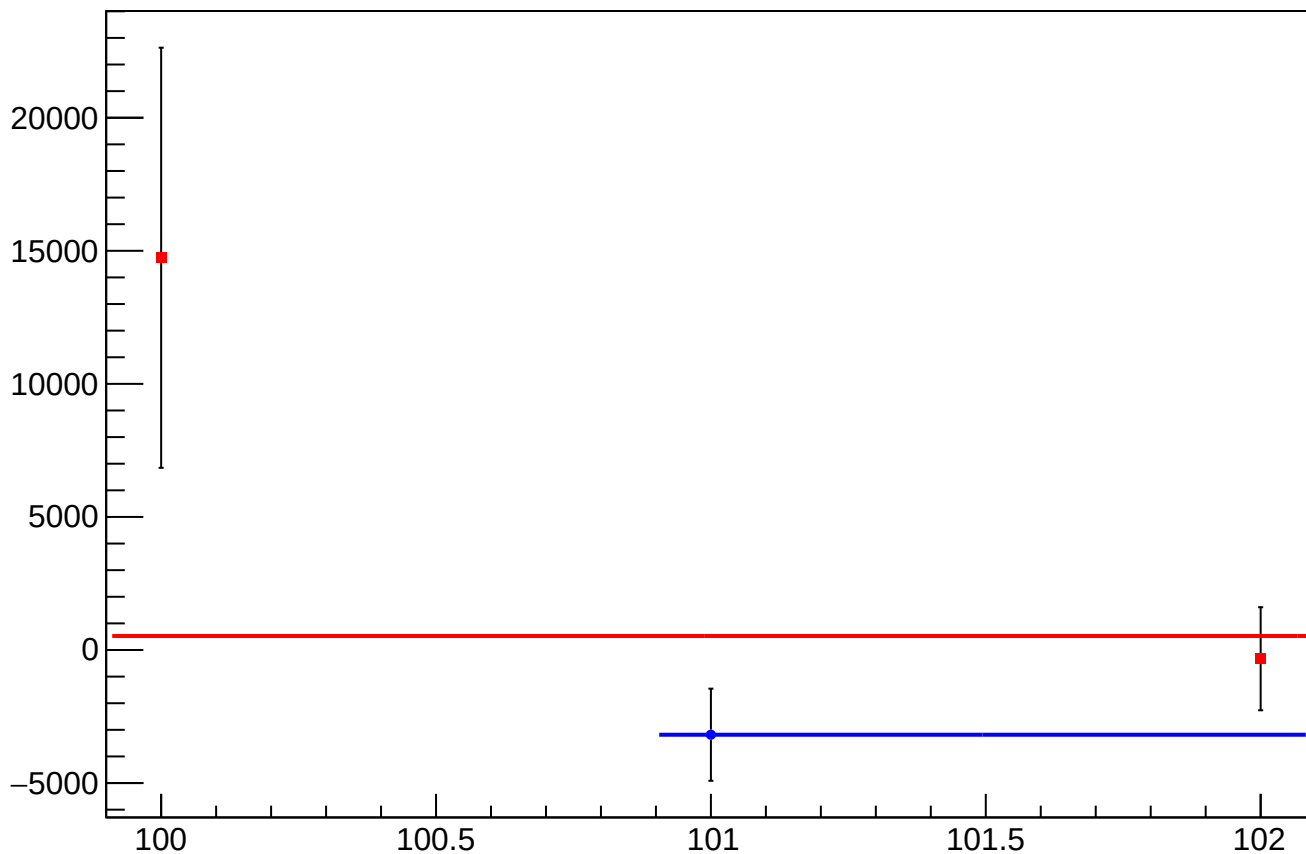
Right: 120.487 $\pm$ 0.073 χ^2 /NDF: 11806.6/2

In: 115.147 $\pm$ 0.101 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 120.487 $\pm$ 0.073 χ^2 /NDF: 11806.6/2

asym_sam_24_68_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -3183.976+/-1731.147 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 526.602+/-1880.703 χ^2/NDF : 3.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

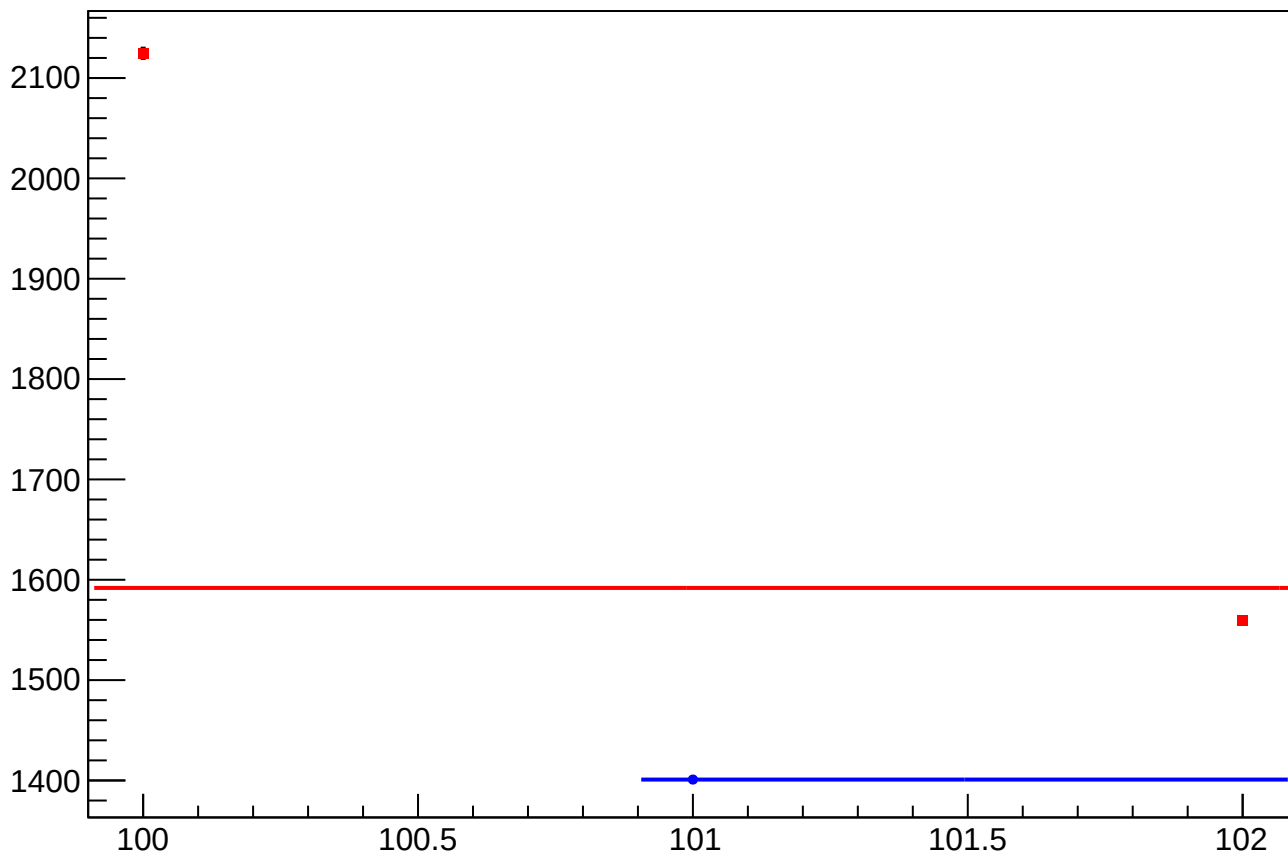
Right: -1482.069+/-1273.701 χ^2/NDF : 5.5/2

In: -3183.976+/-1731.147 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1482.069+/-1273.701 χ^2/NDF : 5.5/2

asym_sam_24_68_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1400.887 $\pm$ 1.224 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1591.871 $\pm$ 1.330 χ^2 /NDF: 9658.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

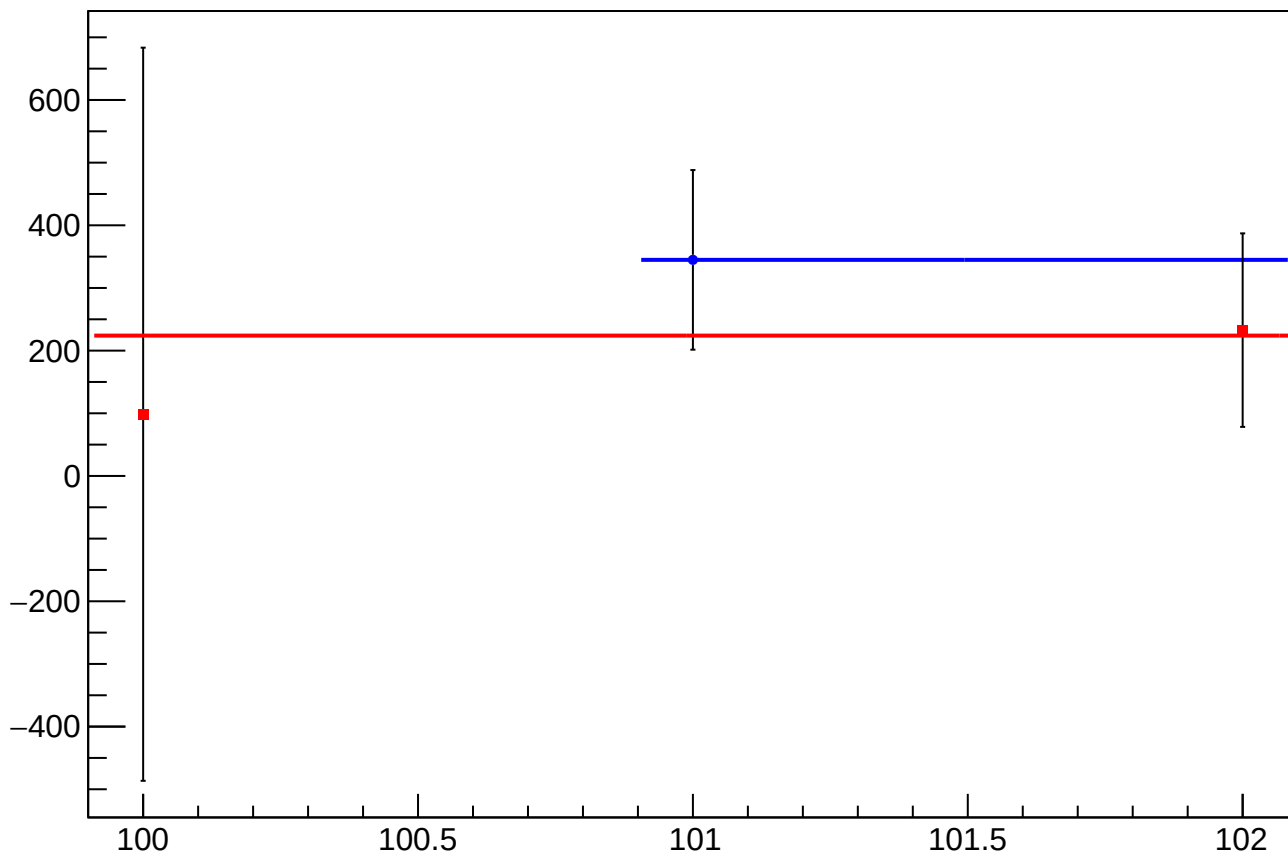
Right: 1488.485 $\pm$ 0.901 χ^2 /NDF: 20823.6/2

In: 1400.887 $\pm$ 1.224 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1488.485 $\pm$ 0.901 χ^2 /NDF: 20823.6/2

eigen_cor_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 344.855+/-143.322 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 223.970+/-149.289 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

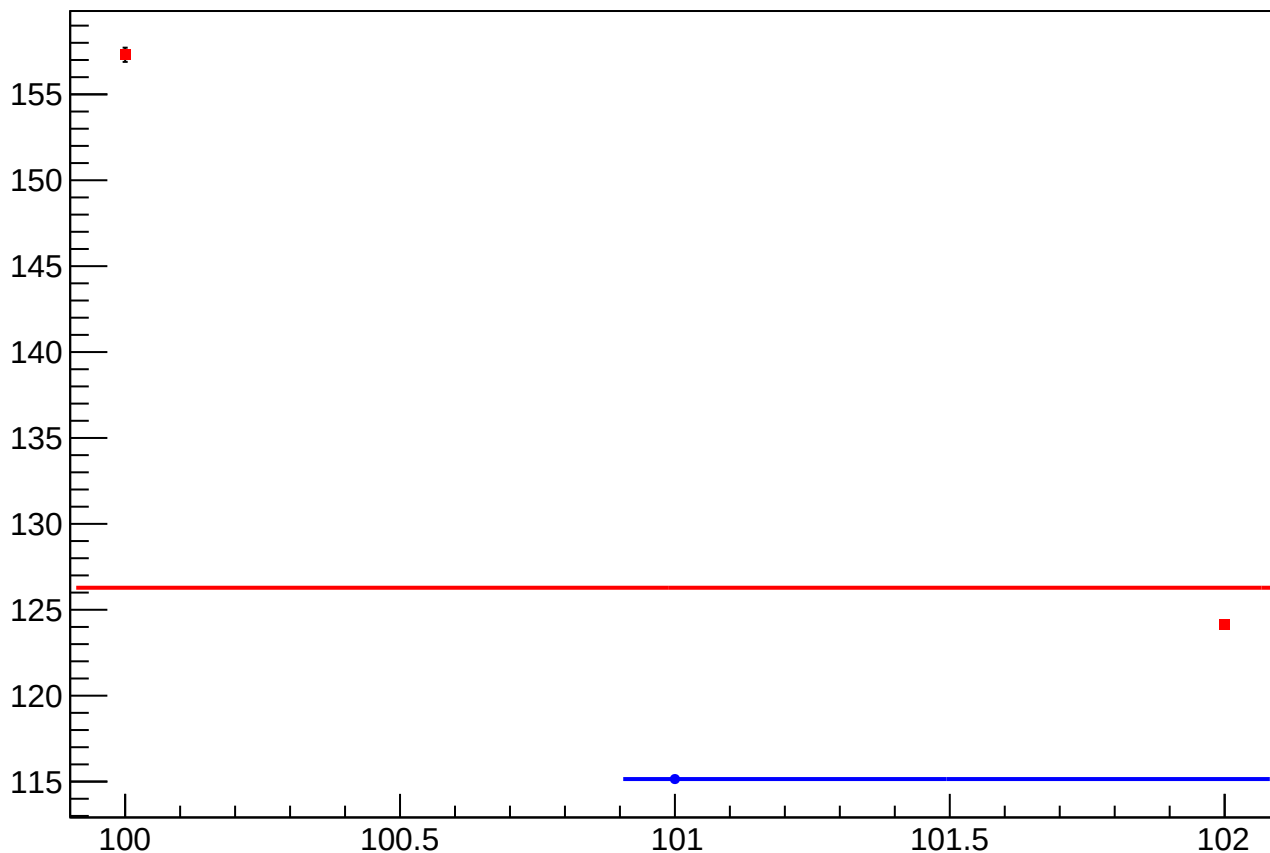
Right: 286.877+/-103.389 χ^2/NDF : 0.4/2

In: 344.855+/-143.322 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 286.877+/-103.389 χ^2/NDF : 0.4/2

eigen_cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 115.147 $\pm$ 0.101 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 126.282 $\pm$ 0.106 χ^2/NDF : 6016.0/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

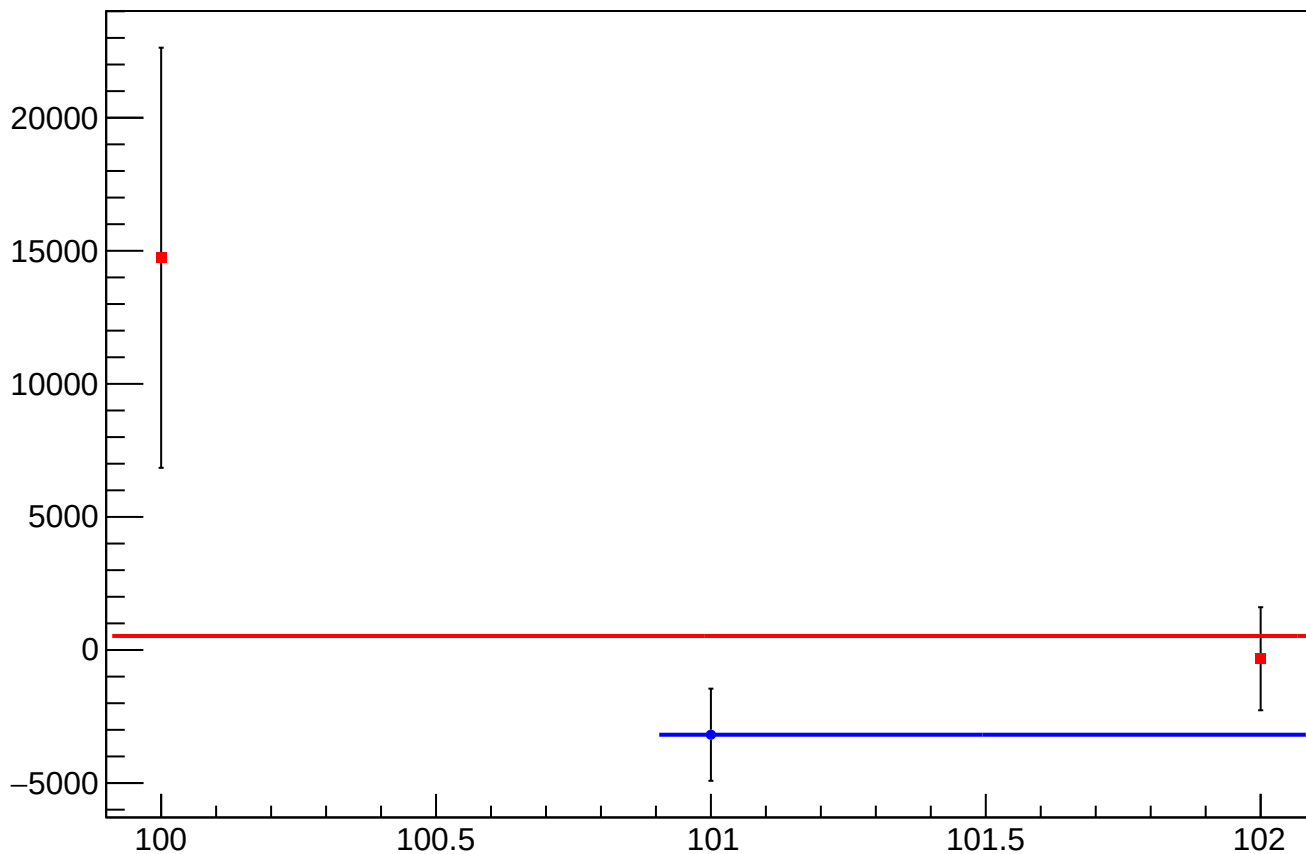
Right: 120.487 $\pm$ 0.073 χ^2/NDF : 11806.6/2

In: 115.147 $\pm$ 0.101 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 120.487 $\pm$ 0.073 χ^2/NDF : 11806.6/2

asym_sam_24_68_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -3183.976+/-1731.147 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 526.602+/-1880.703 χ^2/NDF : 3.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

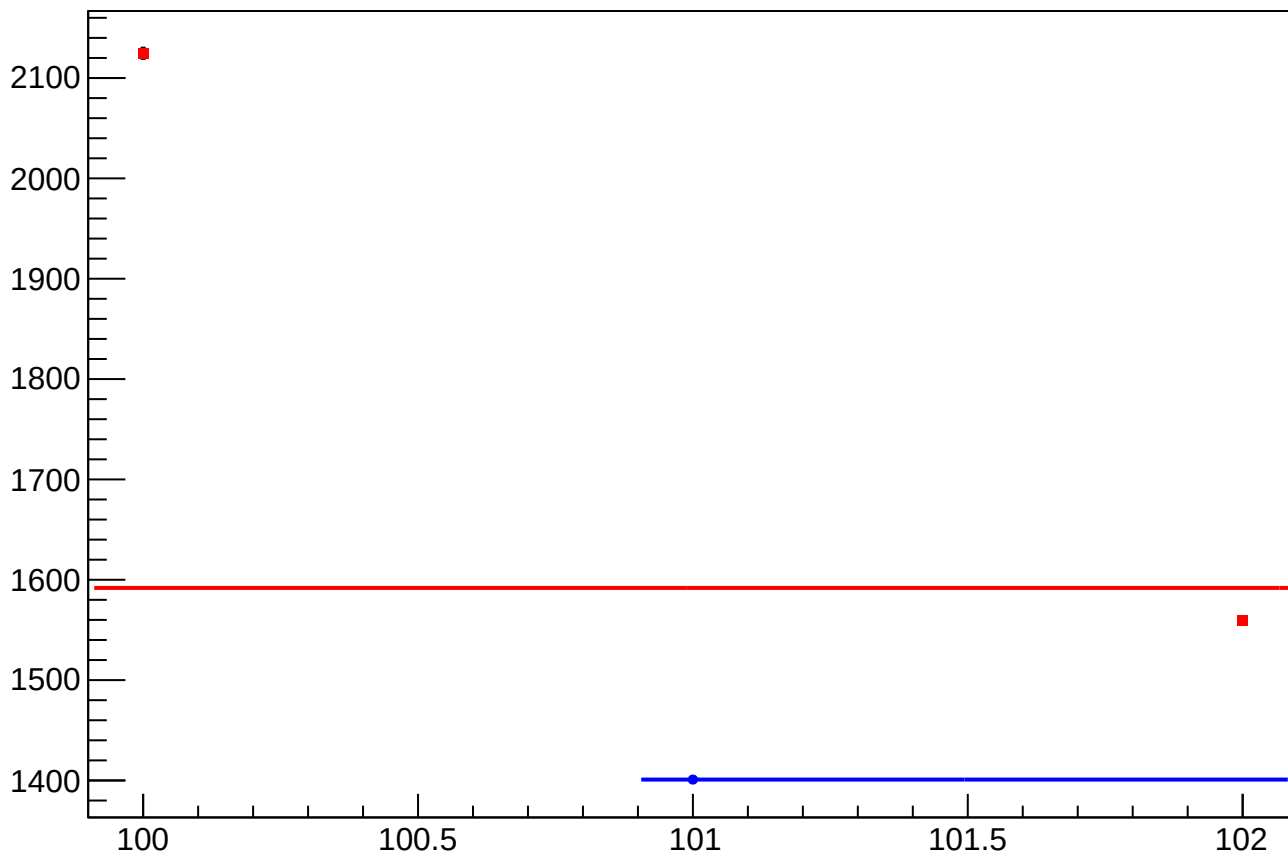
Right: -1482.069+/-1273.701 χ^2/NDF : 5.5/2

In: -3183.976+/-1731.147 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1482.069+/-1273.701 χ^2/NDF : 5.5/2

asym_sam_24_68_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1400.887 $\pm$ 1.224 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1591.871 $\pm$ 1.330 χ^2 /NDF: 9658.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

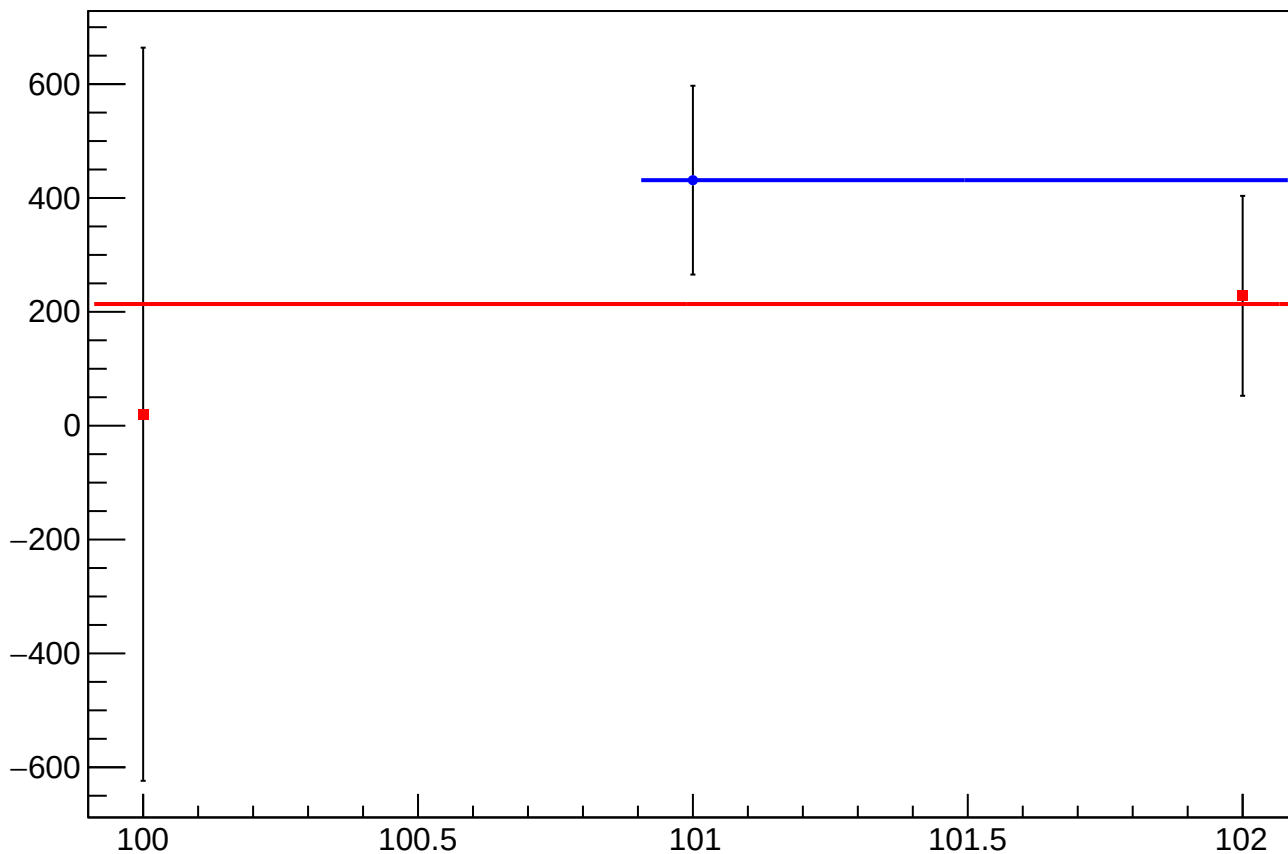
Right: 1488.485 $\pm$ 0.901 χ^2 /NDF: 20823.6/2

In: 1400.887 $\pm$ 1.224 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1488.485 $\pm$ 0.901 χ^2 /NDF: 20823.6/2

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 431.280 $\pm$ 165.833 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 213.718 $\pm$ 169.401 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

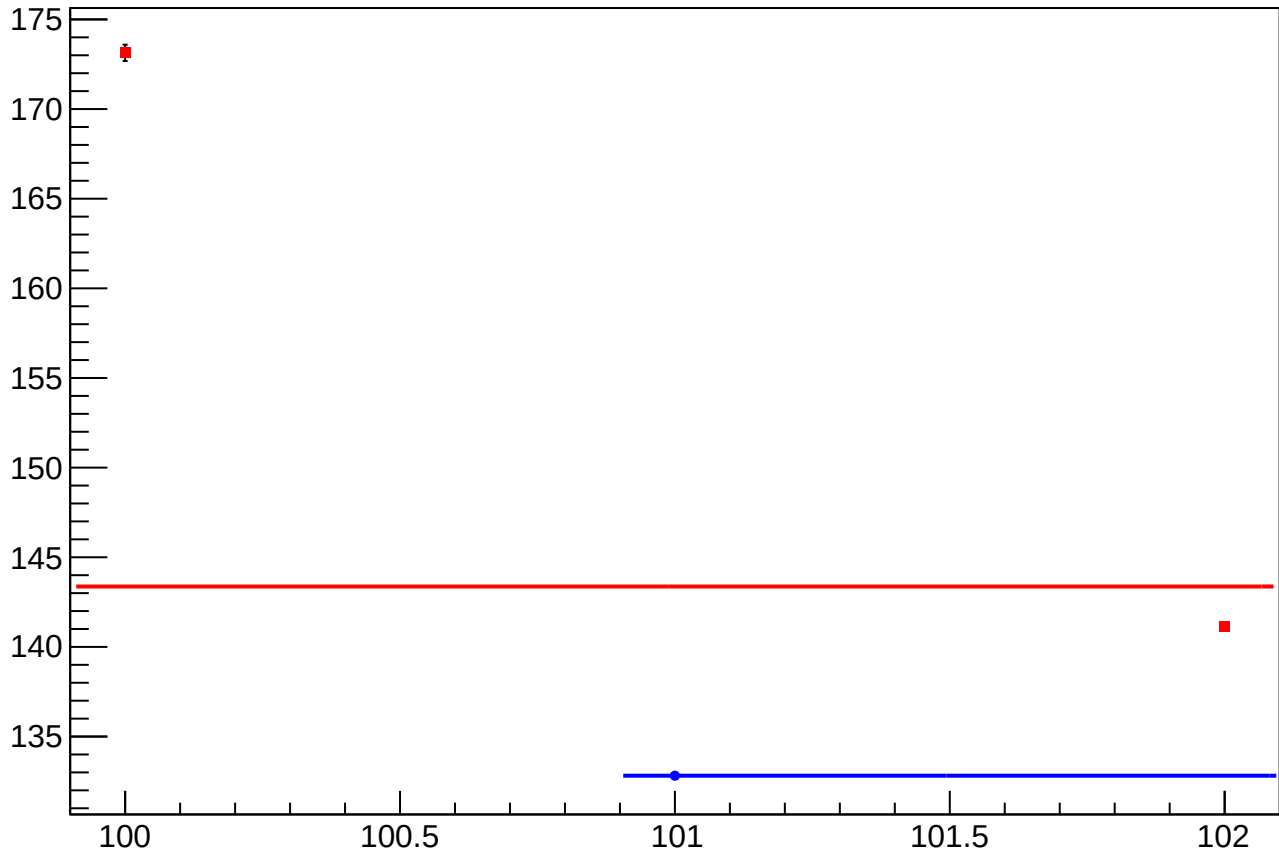
Right: 324.814 $\pm$ 118.503 χ^2 /NDF: 0.9/2

In: 431.280 $\pm$ 165.833 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 324.814 $\pm$ 118.503 χ^2 /NDF: 0.9/2

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 132.817 $\pm$ 0.117 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 143.369 $\pm$ 0.120 χ^2 /NDF: 4592.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

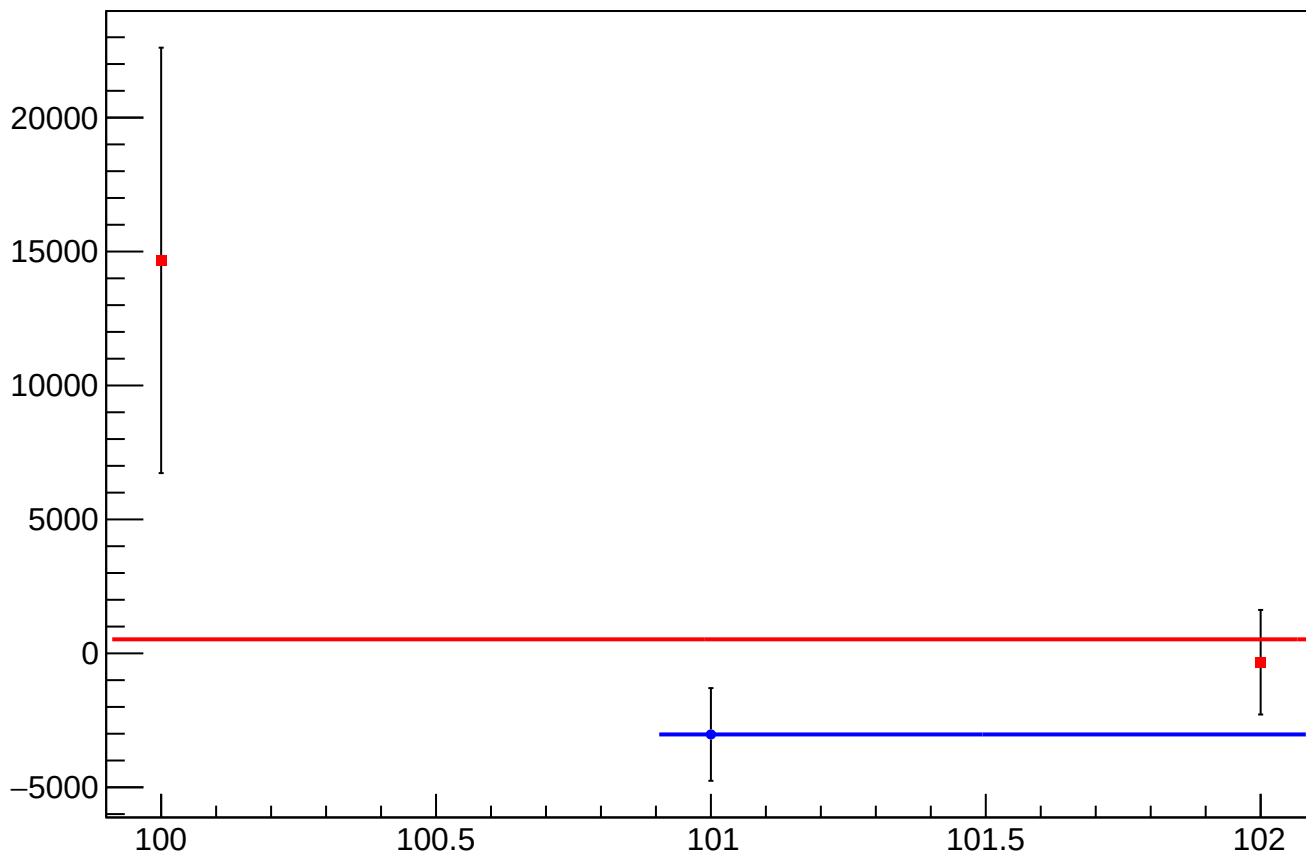
Right: 137.981 $\pm$ 0.084 χ^2 /NDF: 8555.2/2

In: 132.817 $\pm$ 0.117 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 137.981 $\pm$ 0.084 χ^2 /NDF: 8555.2/2

asym_sam_24_68_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -3026.716+/-1730.619 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 523.979+/-1895.283 χ^2/NDF : 3.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

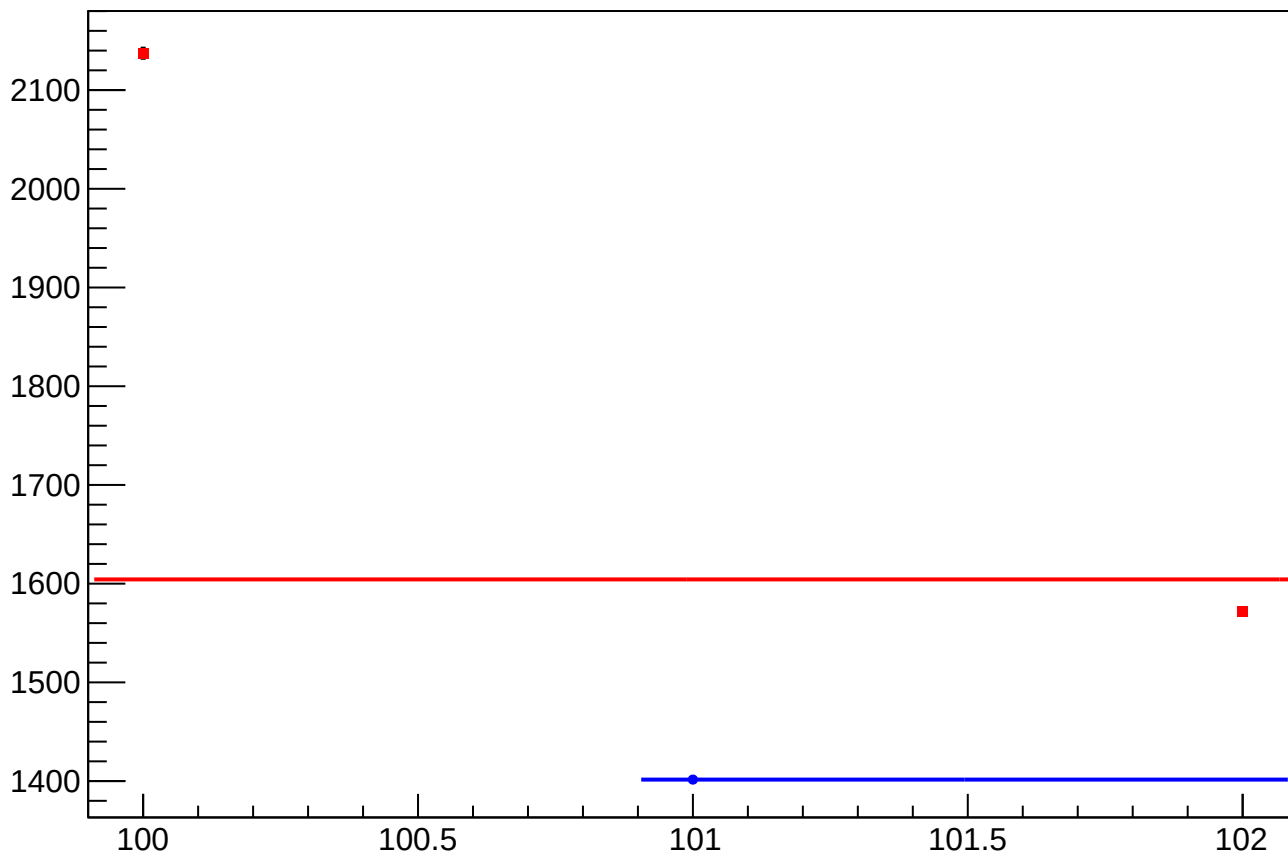
Right: -1412.285+/-1277.989 χ^2/NDF : 5.3/2

In: -3026.716+/-1730.619 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1412.285+/-1277.989 χ^2/NDF : 5.3/2

asym_sam_24_68_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1401.516+/-1.224 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1604.297+/-1.340 χ^2/NDF : 9557.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

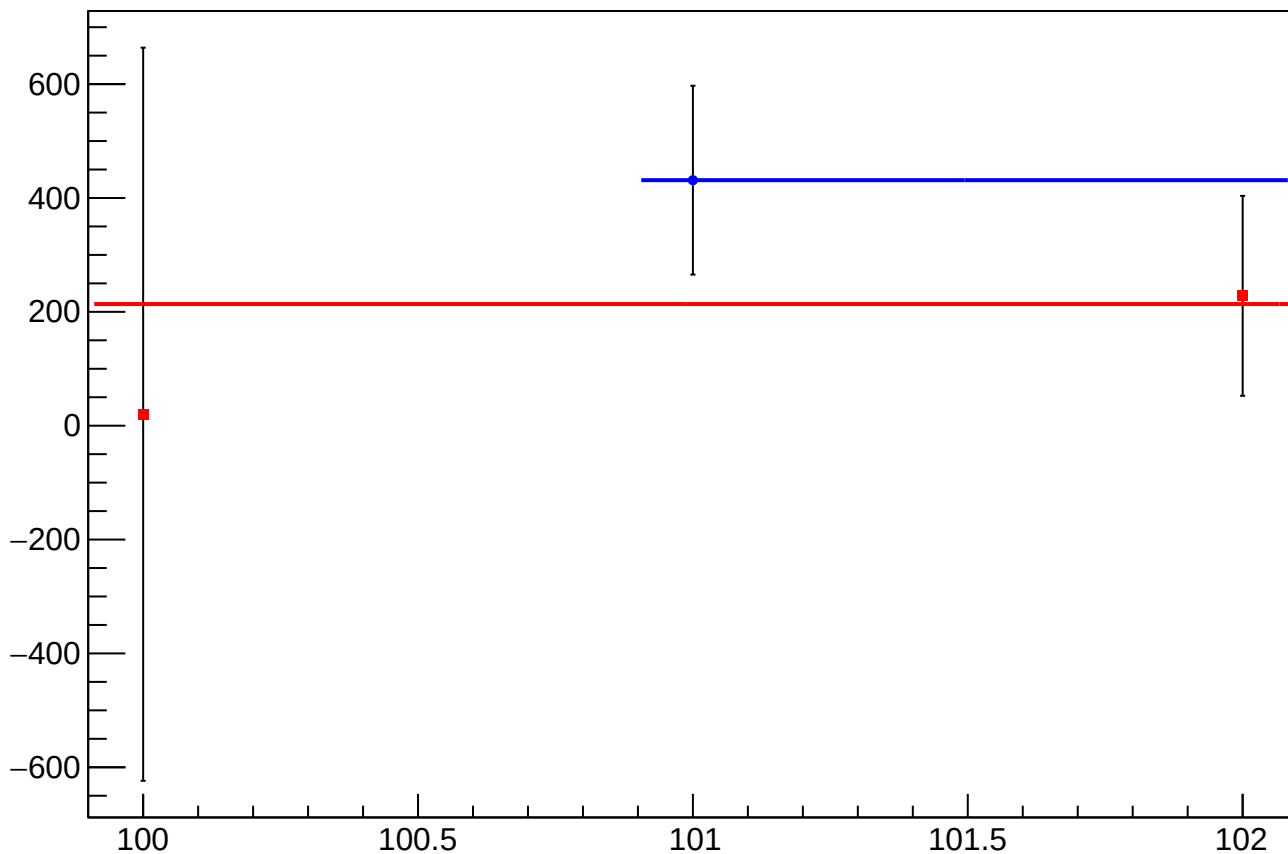
Right: 1493.716+/-0.904 χ^2/NDF : 22041.9/2

In: 1401.516+/-1.224 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1493.716+/-0.904 χ^2/NDF : 22041.9/2

eigen_dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 431.278+/-165.833 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 213.717+/-169.401 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

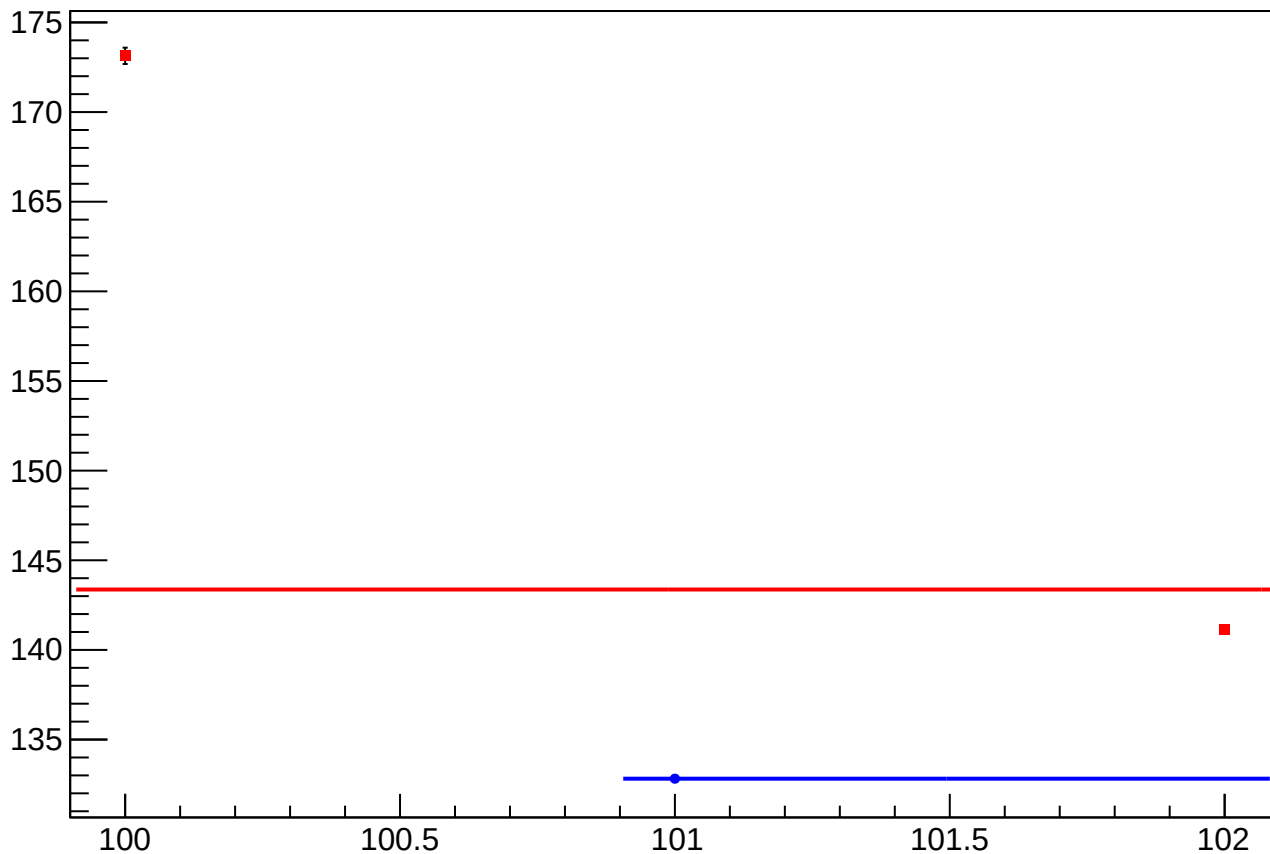
Right: 324.812+/-118.503 χ^2/NDF : 0.9/2

In: 431.278+/-165.833 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 324.812+/-118.503 χ^2/NDF : 0.9/2

eigen_dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 132.817 $\pm$ 0.117 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 143.369 $\pm$ 0.120 χ^2 /NDF: 4592.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

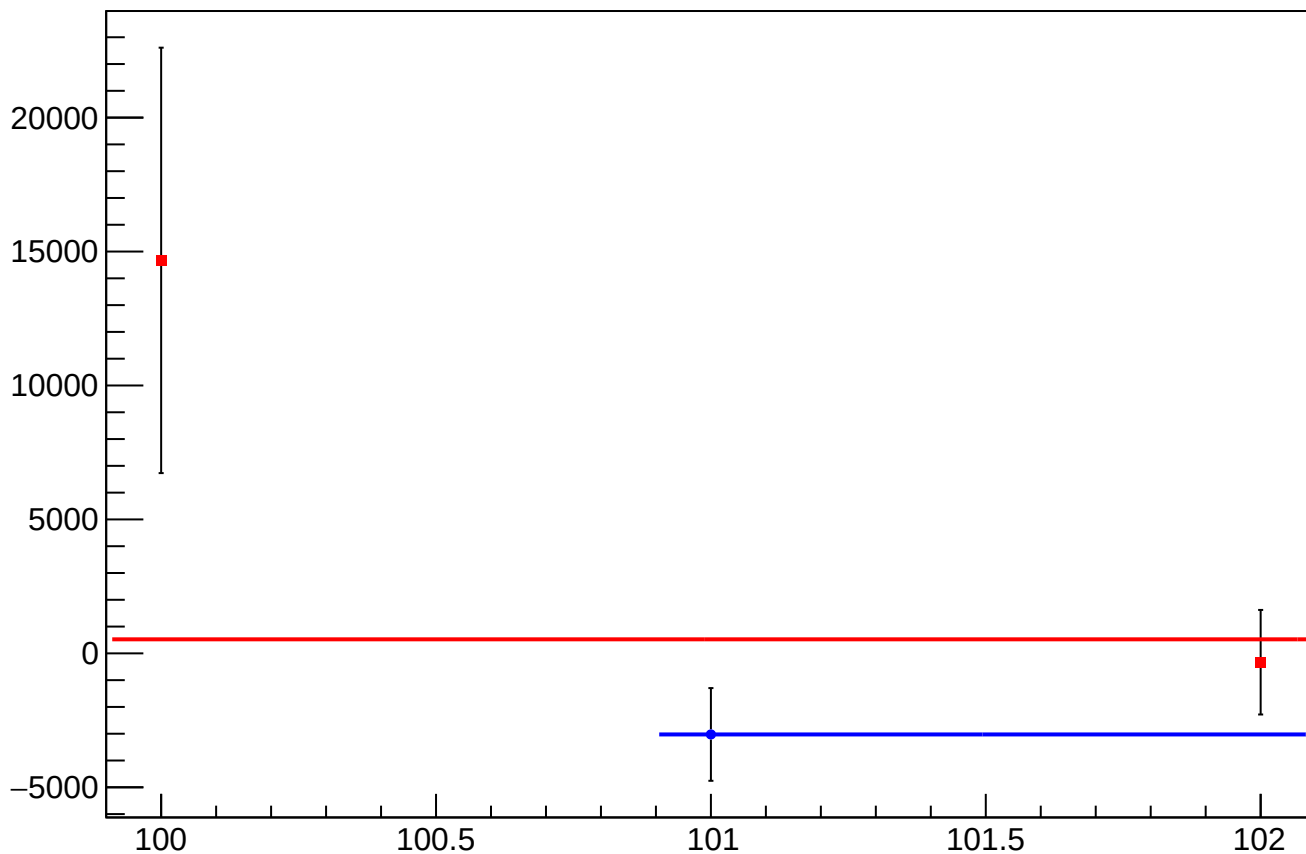
Right: 137.981 $\pm$ 0.084 χ^2 /NDF: 8555.2/2

In: 132.817 $\pm$ 0.117 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 137.981 $\pm$ 0.084 χ^2 /NDF: 8555.2/2

asym_sam_24_68_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -3026.718+/-1730.618 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 523.976+/-1895.279 χ^2/NDF : 3.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

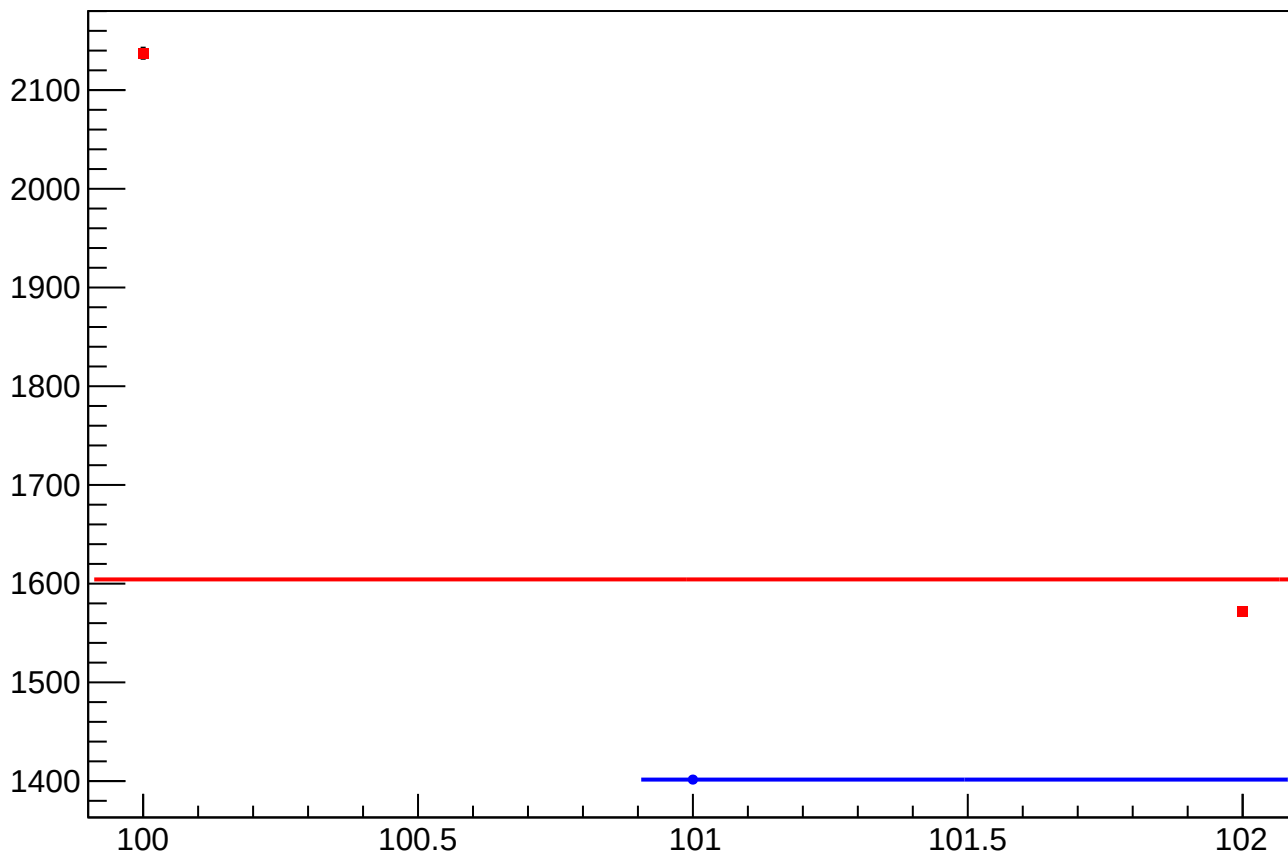
Right: -1412.286+/-1277.987 χ^2/NDF : 5.3/2

In: -3026.718+/-1730.618 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1412.286+/-1277.987 χ^2/NDF : 5.3/2

asym_sam_24_68_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1401.515+/-1.224 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1604.294+/-1.340 χ^2/NDF : 9557.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

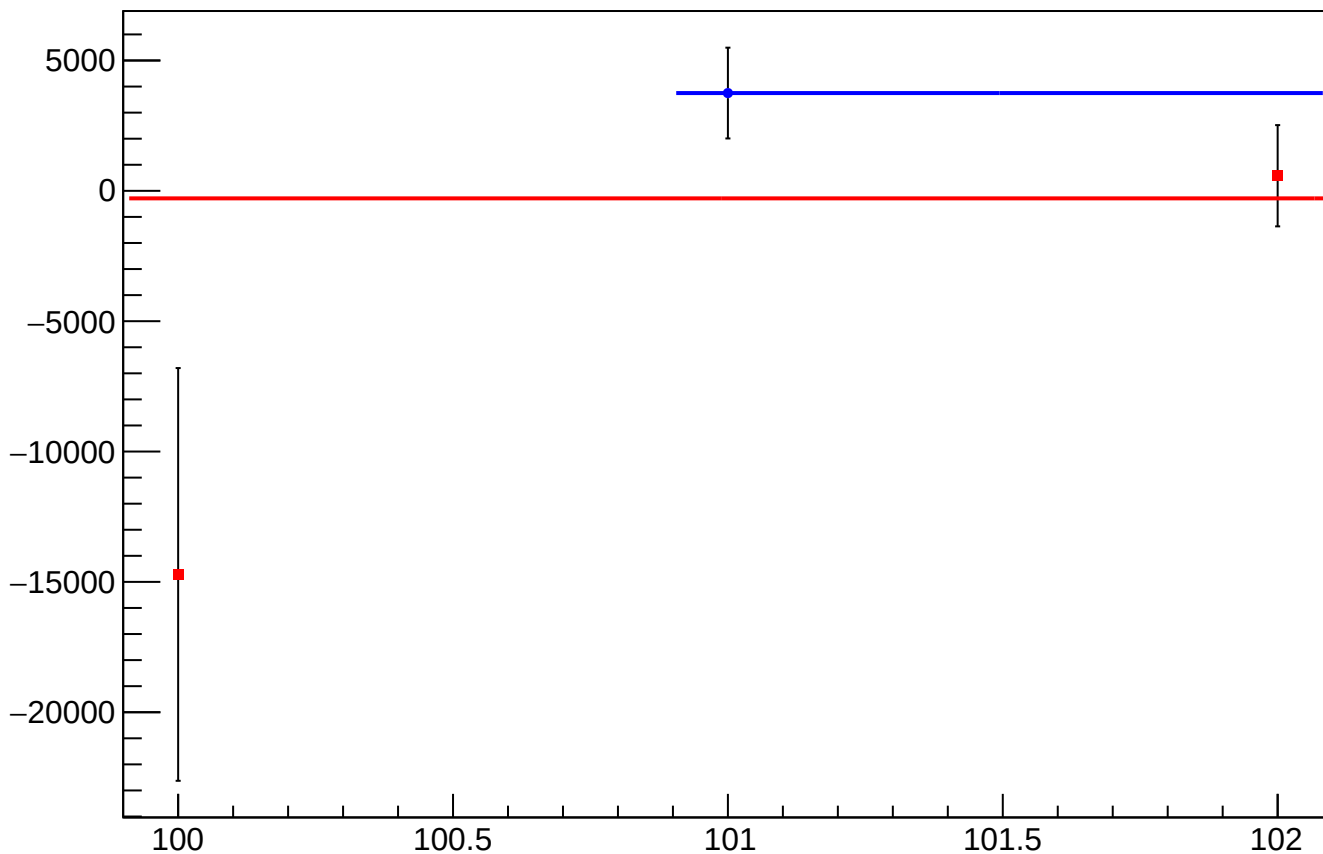
Right: 1493.715+/-0.904 χ^2/NDF : 22041.8/2

In: 1401.515+/-1.224 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1493.715+/-0.904 χ^2/NDF : 22041.8/2

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 3750.424+/-1741.270 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -288.888+/-1886.071 χ^2/NDF : 3.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

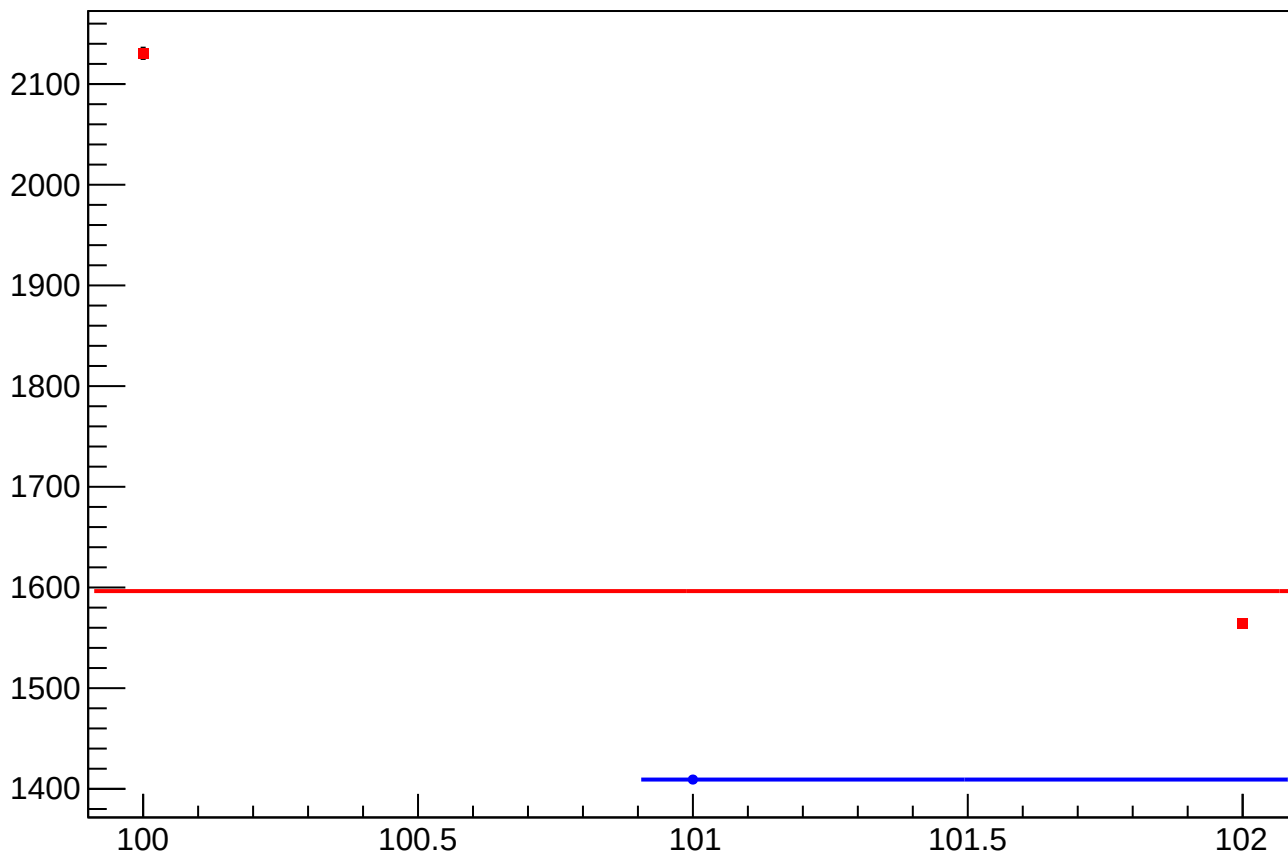
Right: 1891.757+/-1279.396 χ^2/NDF : 6.0/2

In: 3750.424+/-1741.270 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1891.757+/-1279.396 χ^2/NDF : 6.0/2

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1409.235+/-1.231 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1596.418+/-1.334 χ^2/NDF : 9653.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

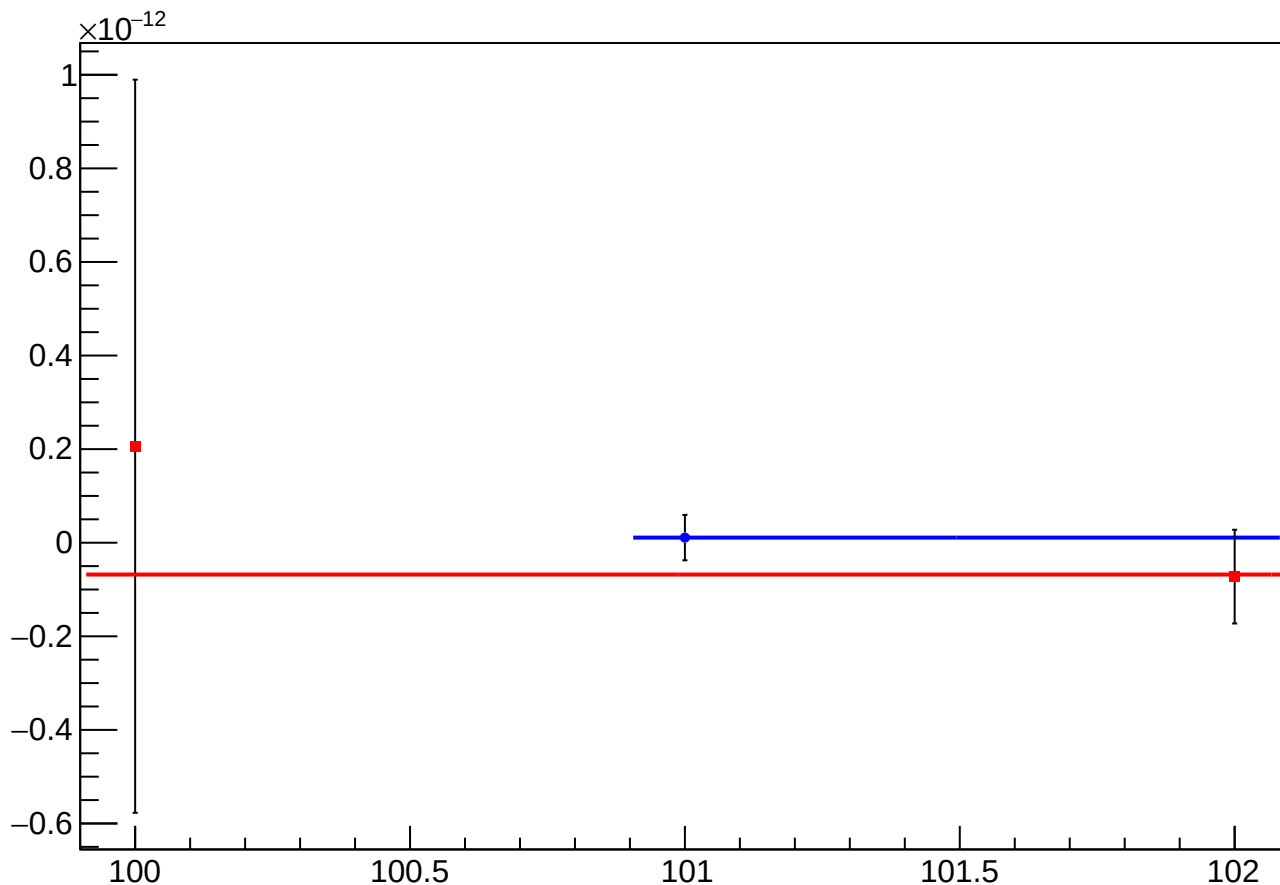
Right: 1495.366+/-0.905 χ^2/NDF : 20288.1/2

In: 1409.235+/-1.231 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1495.366+/-0.905 χ^2/NDF : 20288.1/2

asym_sam_24_68_dd_reg_vs_cor_diff_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 : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

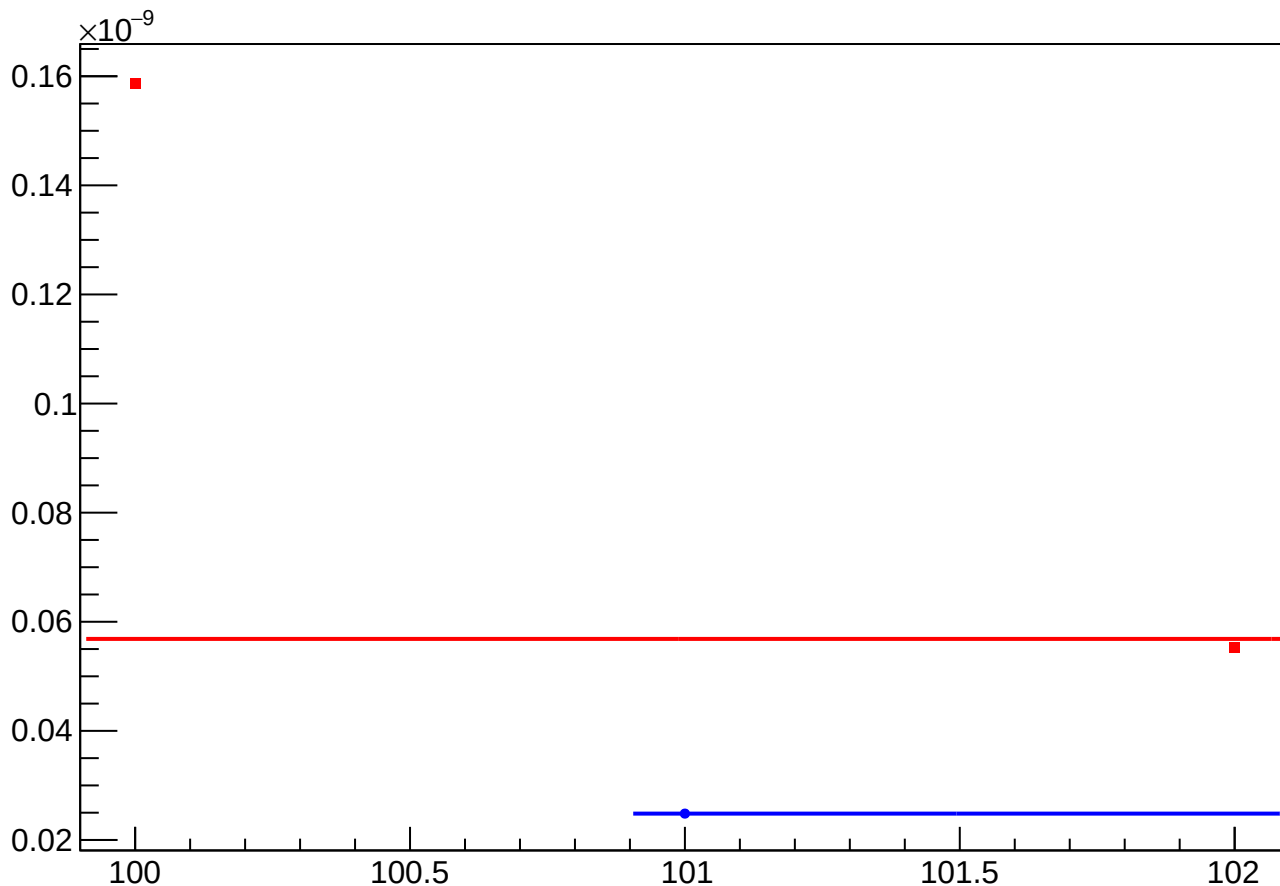
Right: -0.000+/-0.000 χ^2/NDF : 0.6/2

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 : 0.6/2

asym_sam_24_68_dd_reg_vs_cor_diff_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 : 34310.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

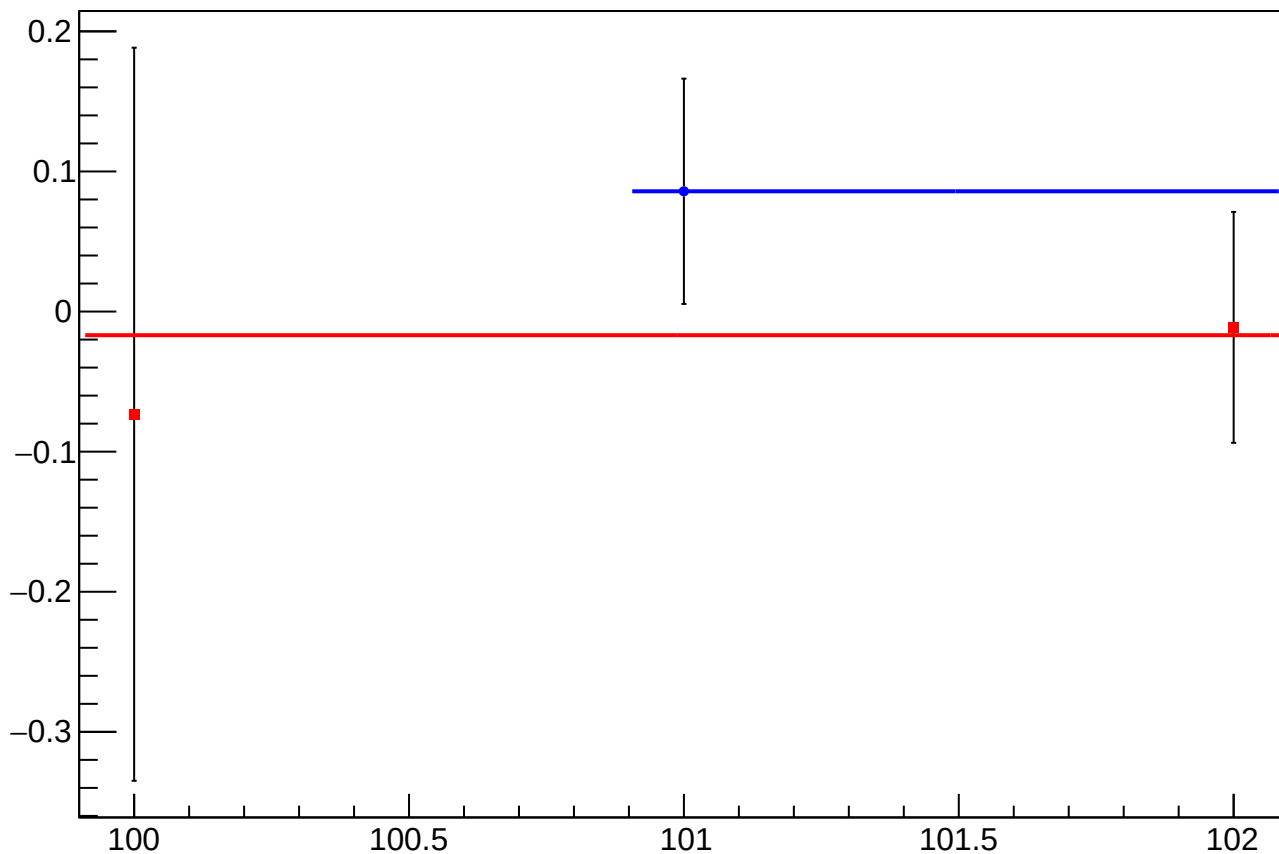
Right: 0.000+/-0.000 χ^2/NDF : 202072.7/2

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 : 202072.7/2

asym_sam_24_68_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.086+/-0.080 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.017+/-0.079 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

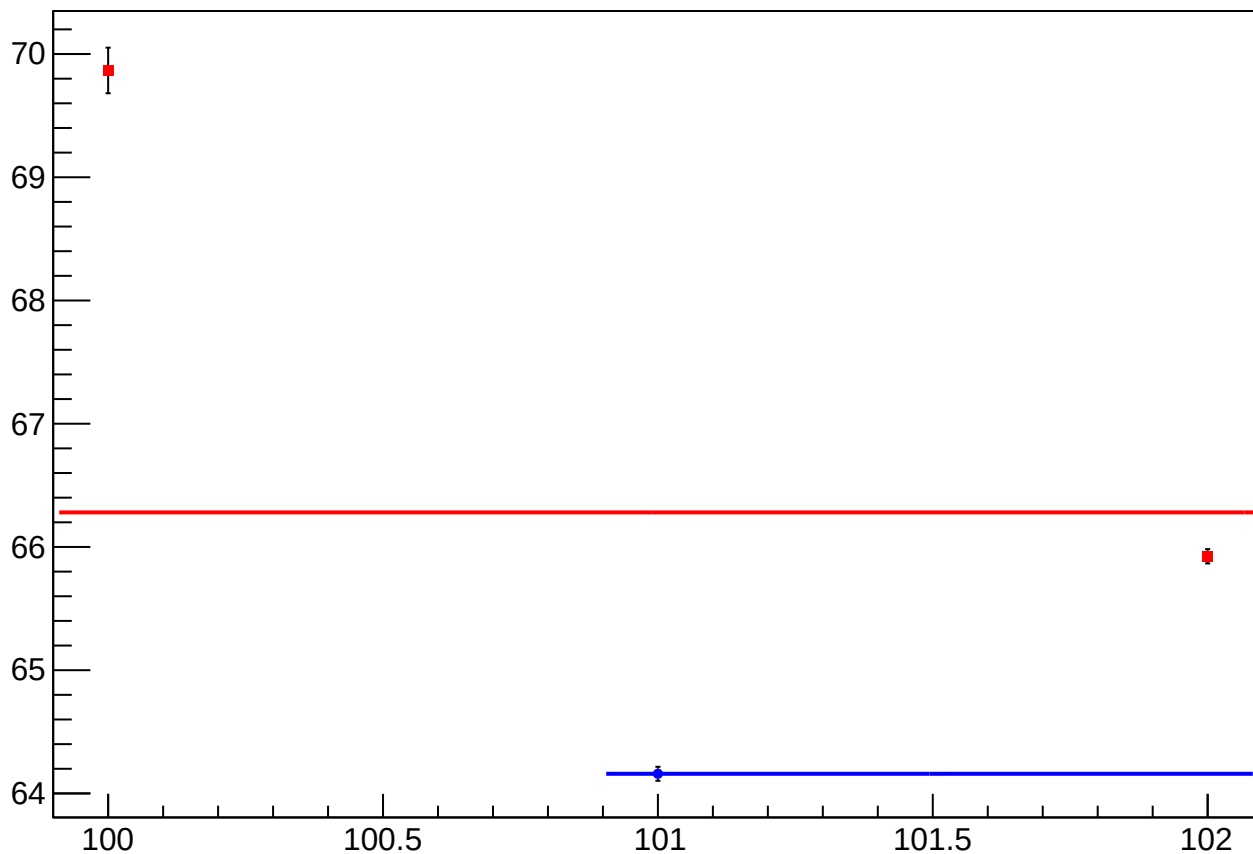
Right: 0.033+/-0.056 χ^2/NDF : 0.9/2

In: 0.086+/-0.080 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.033+/-0.056 χ^2/NDF : 0.9/2

asym_sam_24_68_dd_dit_vs_slug_corr_rmss vs Slug, Sign Corrected



Right In: 64.159 $\pm$ 0.057 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 66.280 $\pm$ 0.056 χ^2 /NDF: 413.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

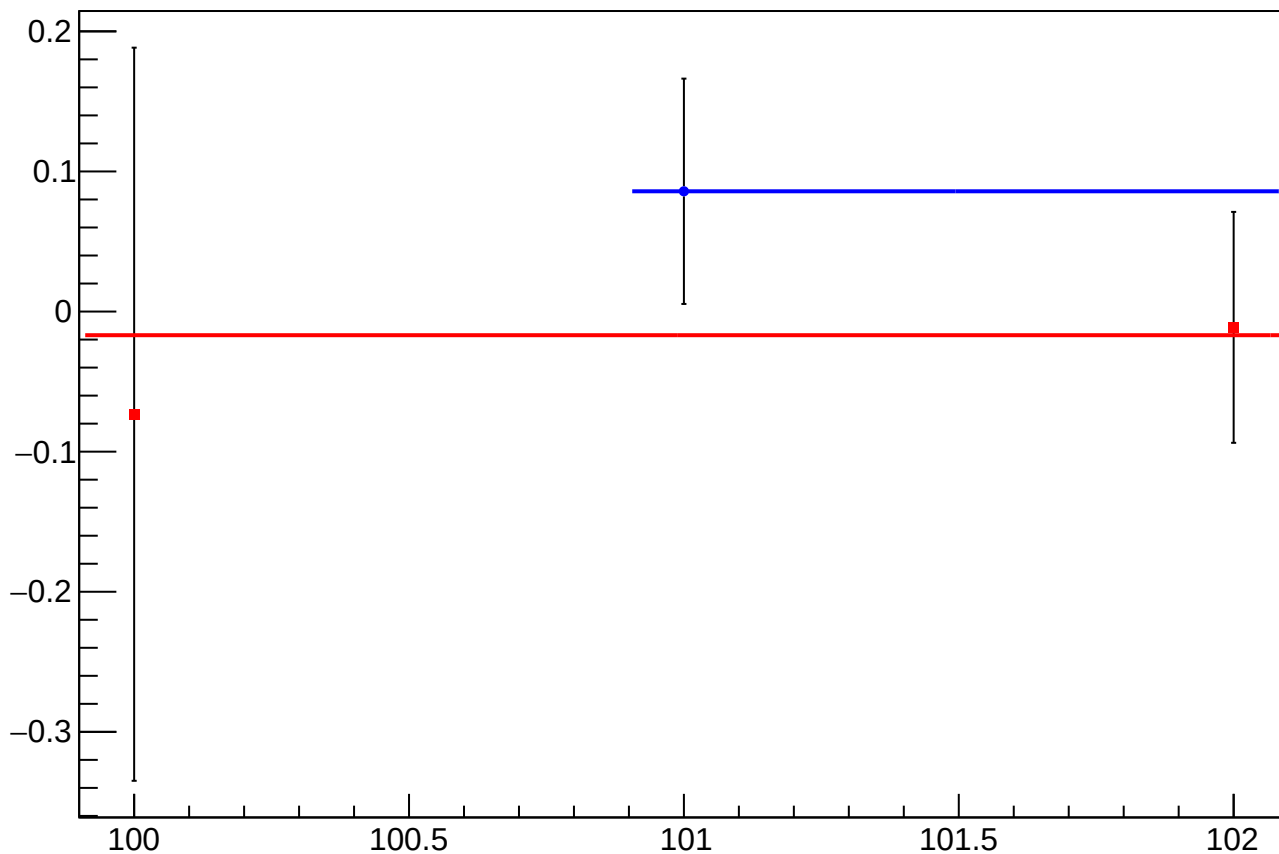
Right: 65.244 $\pm$ 0.040 χ^2 /NDF: 1124.5/2

In: 64.159 $\pm$ 0.057 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 65.244 $\pm$ 0.040 χ^2 /NDF: 1124.5/2

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.086+/-0.080 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.017+/-0.079 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

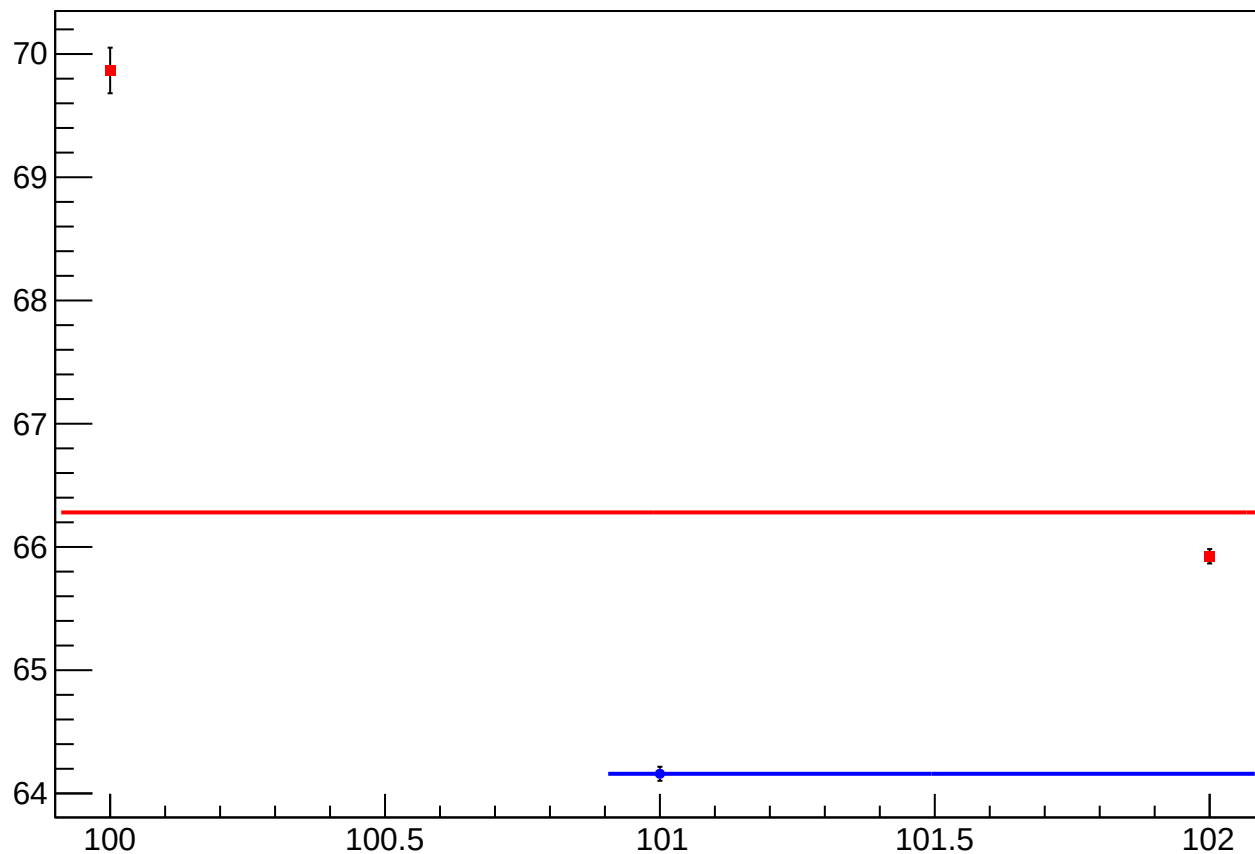
Right: 0.033+/-0.056 χ^2/NDF : 0.9/2

In: 0.086+/-0.080 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.033+/-0.056 χ^2/NDF : 0.9/2

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 64.159 $\pm$ 0.057 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 66.280 $\pm$ 0.056 χ^2 /NDF: 413.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

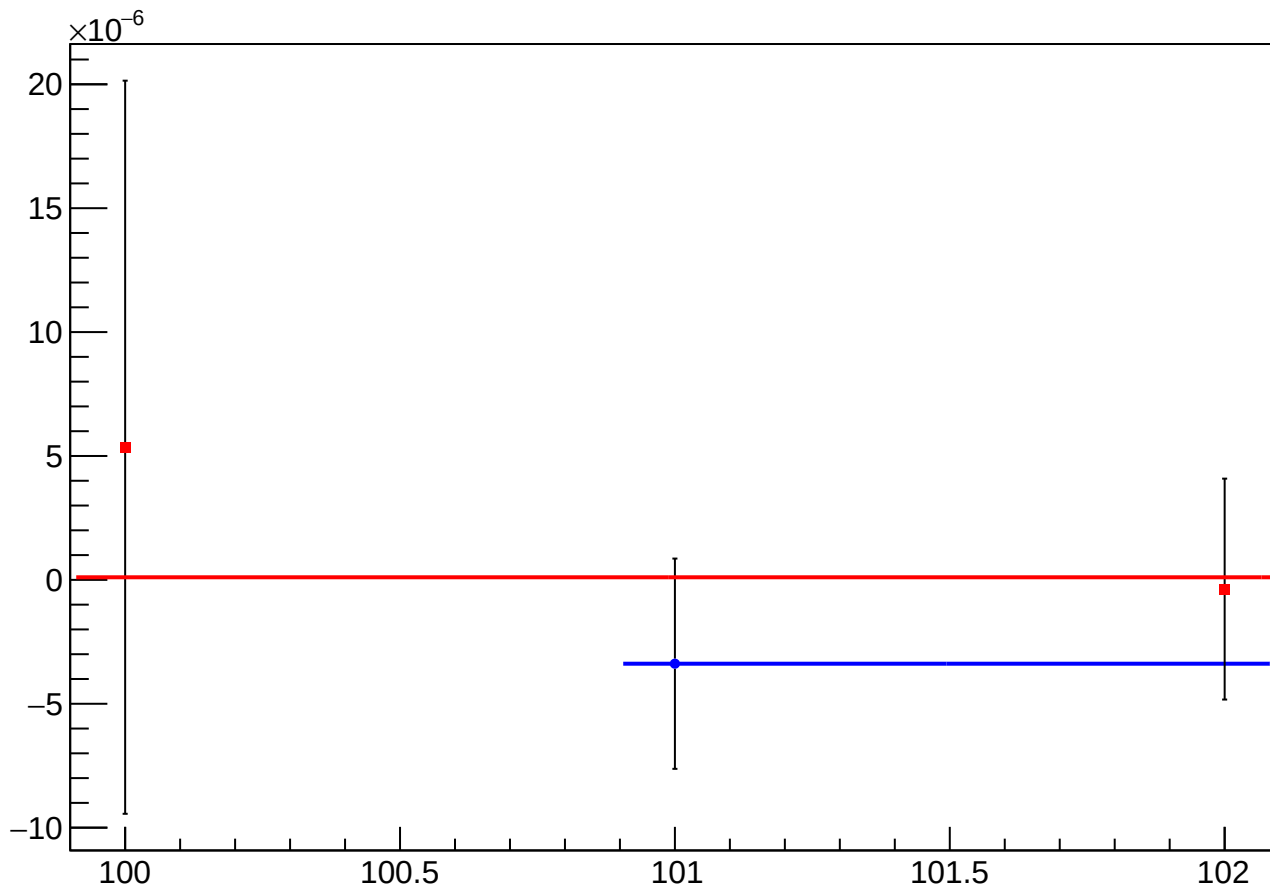
Right: 65.244 $\pm$ 0.040 χ^2 /NDF: 1124.5/2

In: 64.159 $\pm$ 0.057 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 65.244 $\pm$ 0.040 χ^2 /NDF: 1124.5/2

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

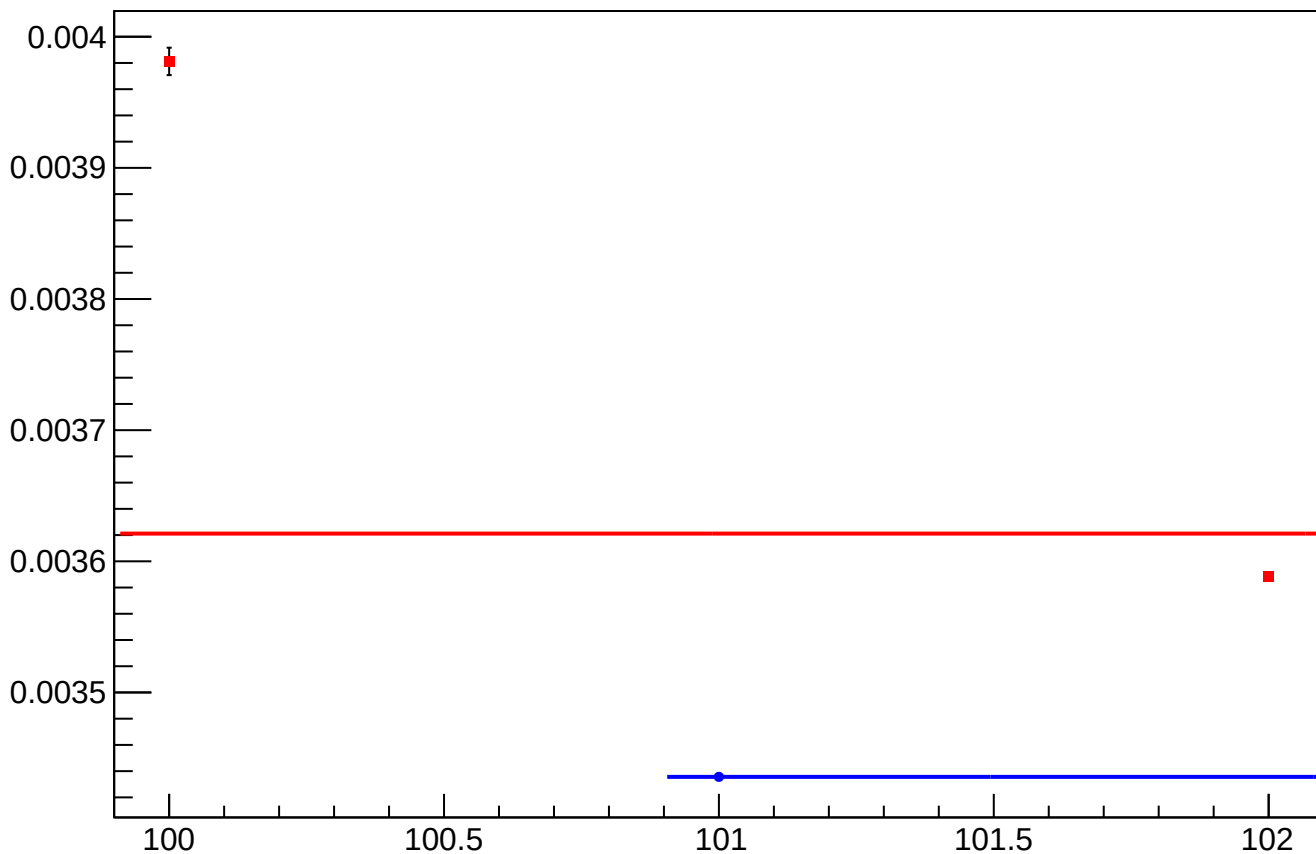
Right: -0.000+/-0.000 χ^2/NDF : 0.5/2

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 : 0.5/2

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 1292.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

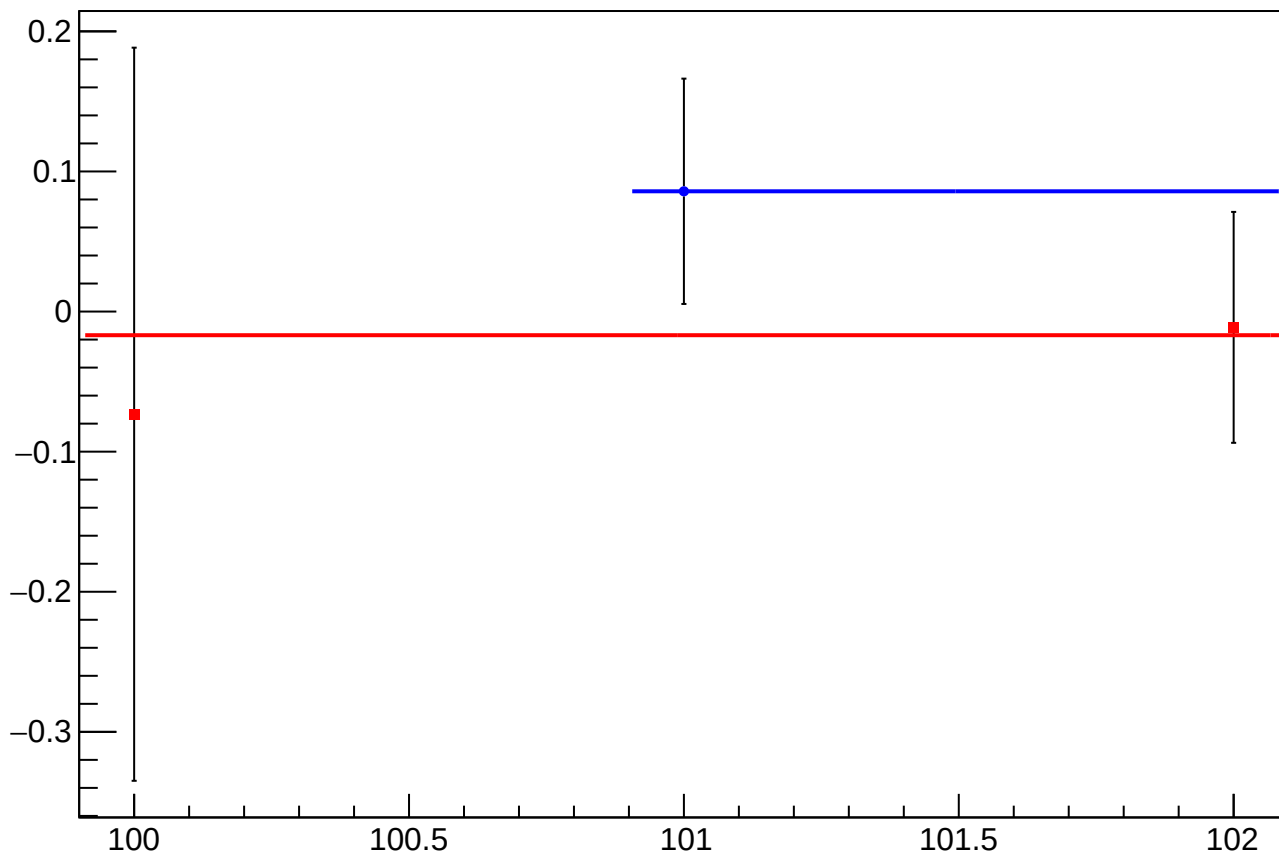
Right: 0.004+/-0.000 χ^2/NDF : 3192.3/2

In: 0.003+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 3192.3/2

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.086+/-0.080 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.017+/-0.079 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

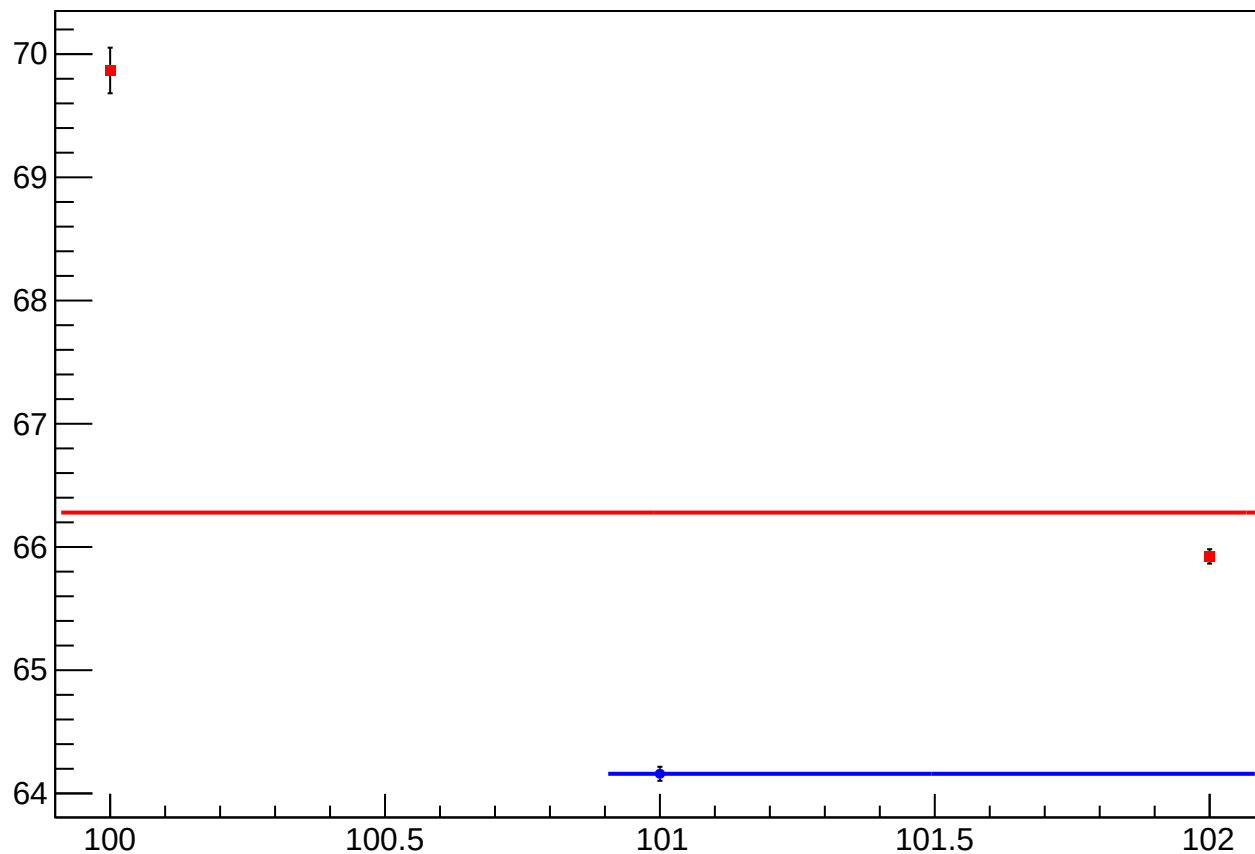
Right: 0.033+/-0.056 χ^2/NDF : 0.9/2

In: 0.086+/-0.080 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.033+/-0.056 χ^2/NDF : 0.9/2

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 64.159+/-0.057 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.280+/-0.056 χ^2/NDF : 413.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

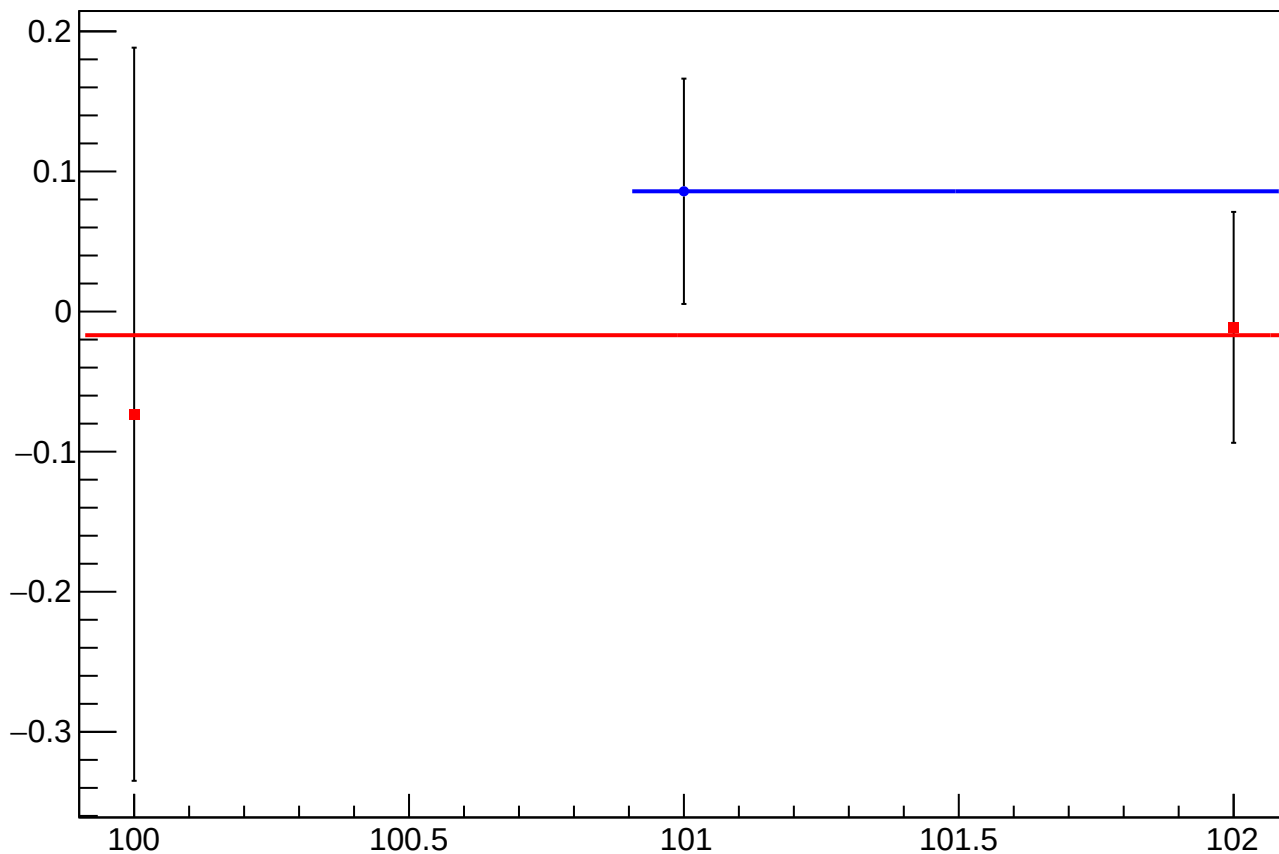
Right: 65.244+/-0.040 χ^2/NDF : 1124.4/2

In: 64.159+/-0.057 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.244+/-0.040 χ^2/NDF : 1124.4/2

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.086 $\pm$ 0.080 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.017 $\pm$ 0.079 χ^2/NDF : 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

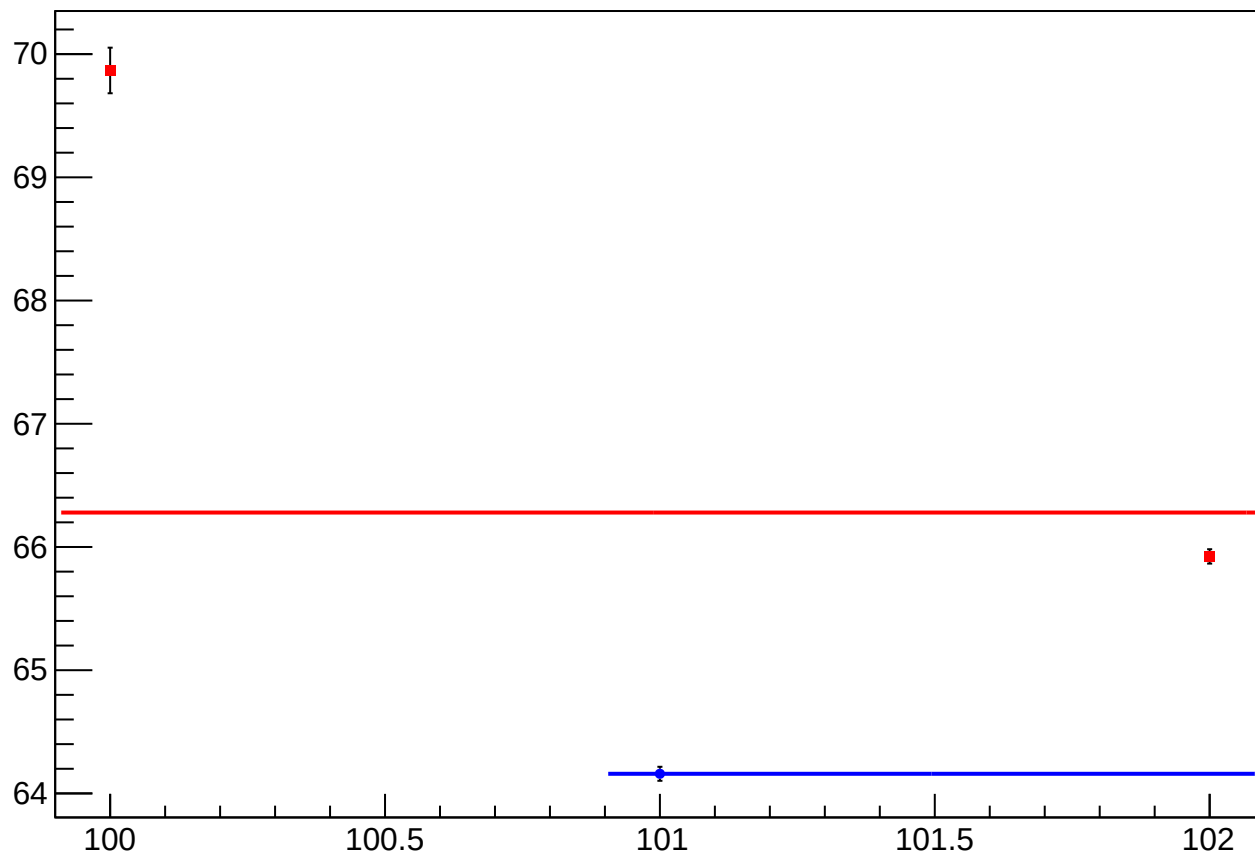
Right: 0.033 $\pm$ 0.056 χ^2/NDF : 0.9/2

In: 0.086 $\pm$ 0.080 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.033 $\pm$ 0.056 χ^2/NDF : 0.9/2

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 64.159+/-0.057 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.280+/-0.056 χ^2/NDF : 413.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

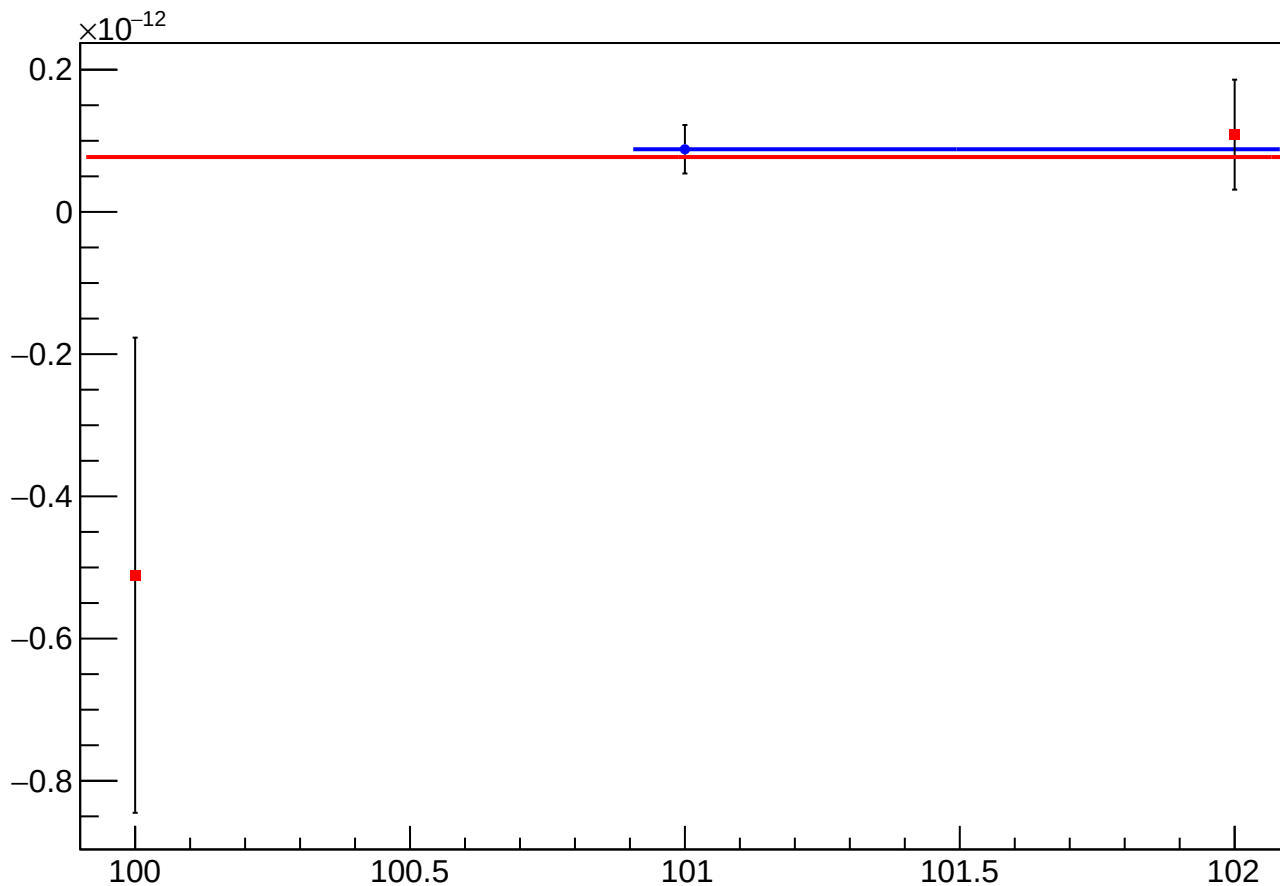
Right: 65.244+/-0.040 χ^2/NDF : 1124.4/2

In: 64.159+/-0.057 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.244+/-0.040 χ^2/NDF : 1124.4/2

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

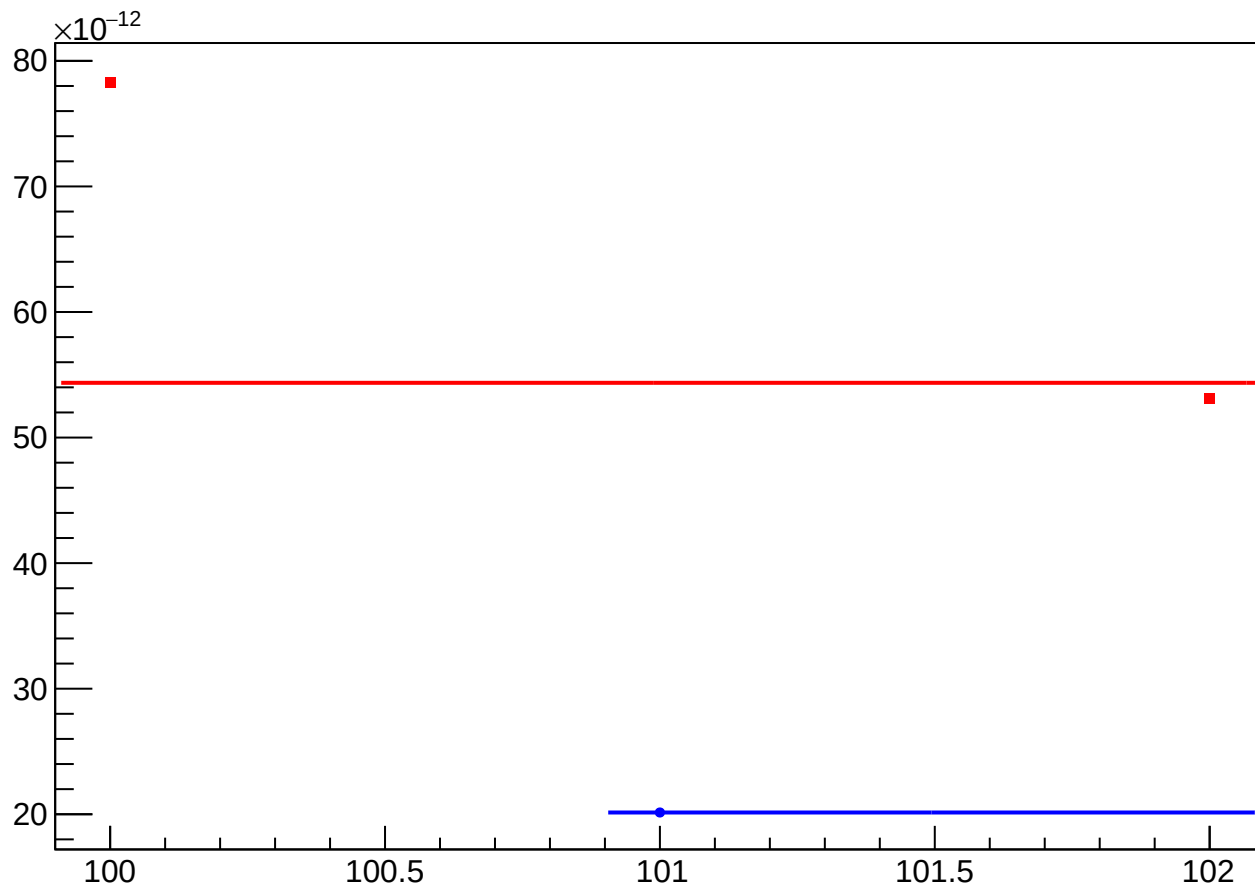
Right: 0.000+/-0.000 χ^2/NDF : 3.3/2

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 : 3.3/2

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_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 : 10788.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

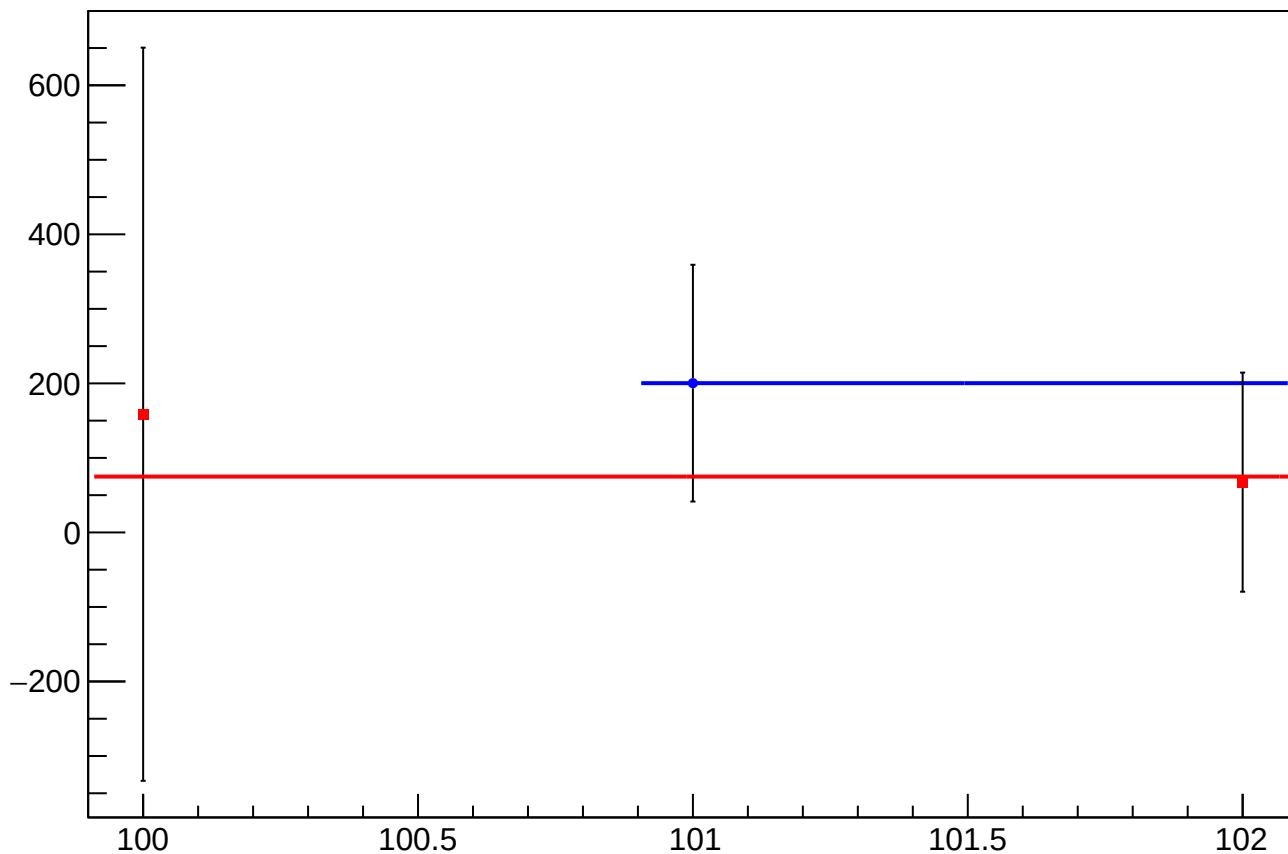
Right: 0.000+/-0.000 χ^2/NDF : 353397.7/2

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 : 353397.7/2

reg_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 200.305+/-158.860 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.943+/-140.867 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

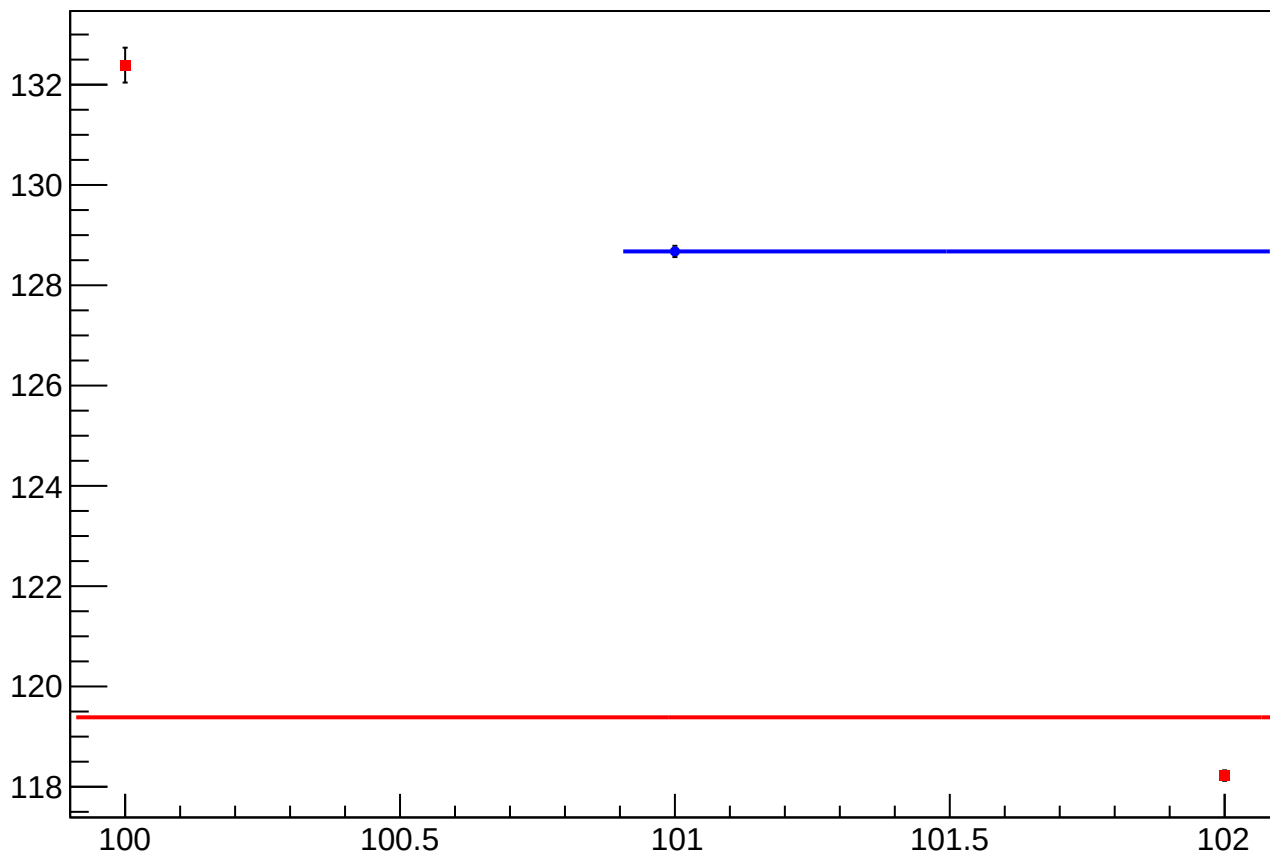
Right: 130.125+/-105.398 χ^2/NDF : 0.4/2

In: 200.305+/-158.860 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.125+/-105.398 χ^2/NDF : 0.4/2

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 128.675 $\pm$ 0.112 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 119.385 $\pm$ 0.100 χ^2 /NDF: 1523.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

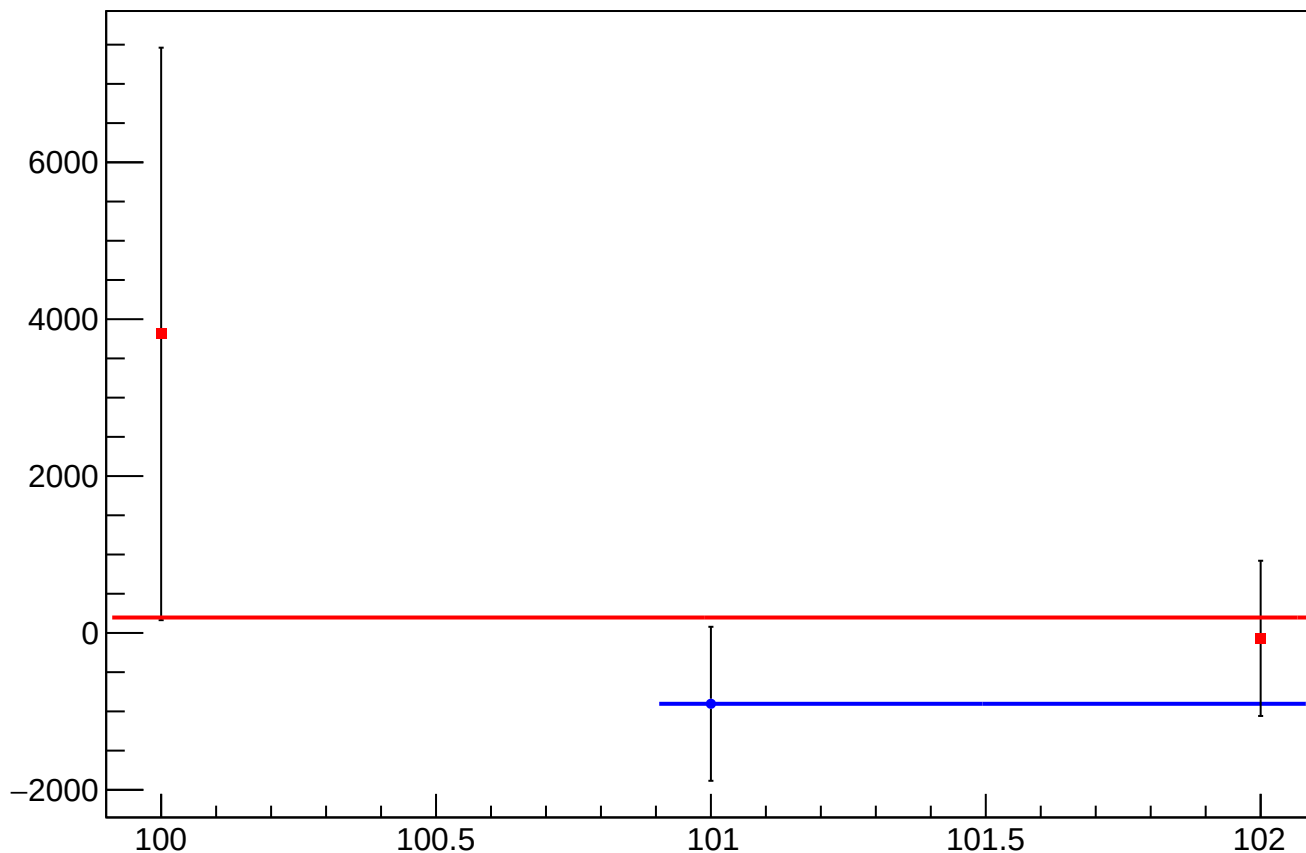
Right: 123.474 $\pm$ 0.075 χ^2 /NDF: 5352.2/2

In: 128.675 $\pm$ 0.112 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 123.474 $\pm$ 0.075 χ^2 /NDF: 5352.2/2

asym_sam_26_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -903.154+/-981.639 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 196.881+/-954.953 χ^2/NDF : 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

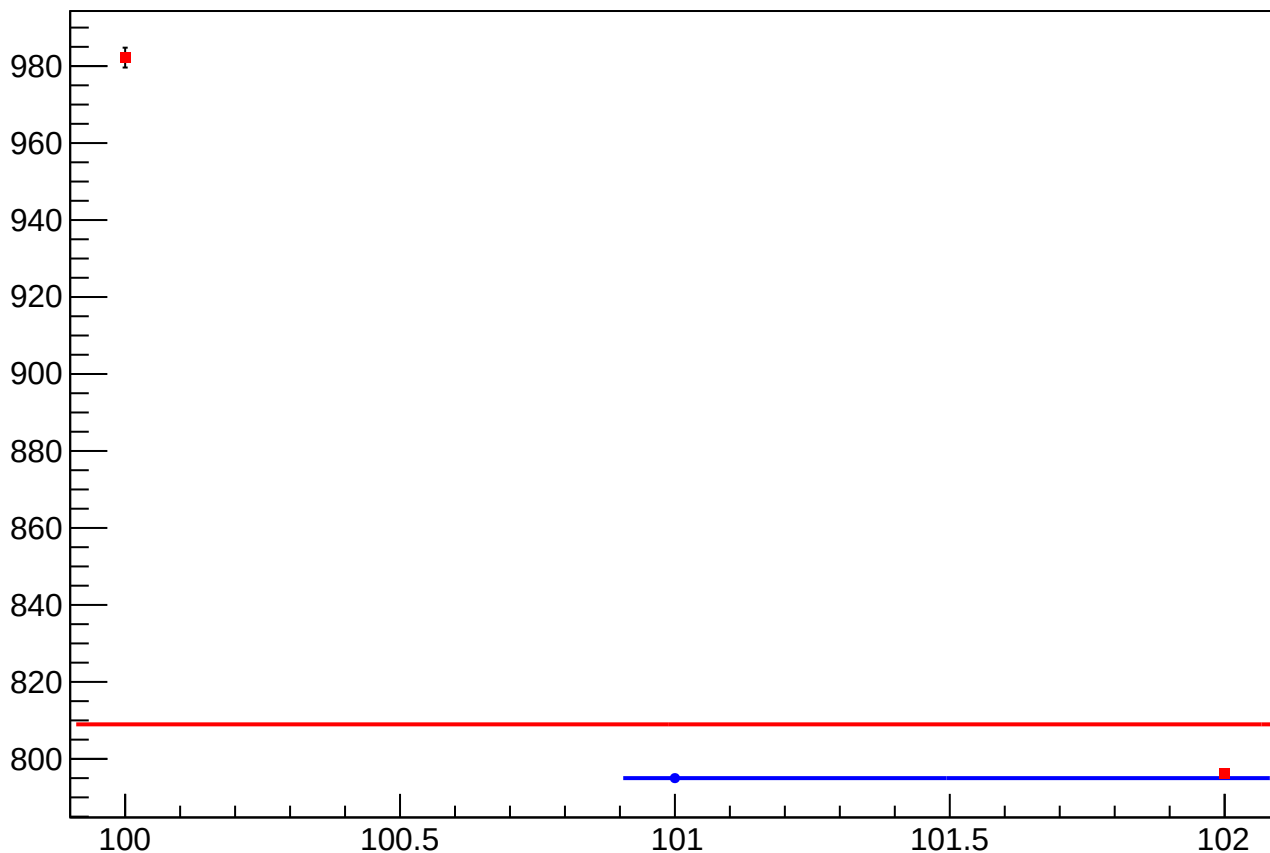
Right: -337.981+/-684.494 χ^2/NDF : 1.7/2

In: -903.154+/-981.639 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -337.981+/-684.494 χ^2/NDF : 1.7/2

asym_sam_26_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 795.001 $\pm$ 0.694 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 808.972 $\pm$ 0.675 χ^2 /NDF: 4838.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

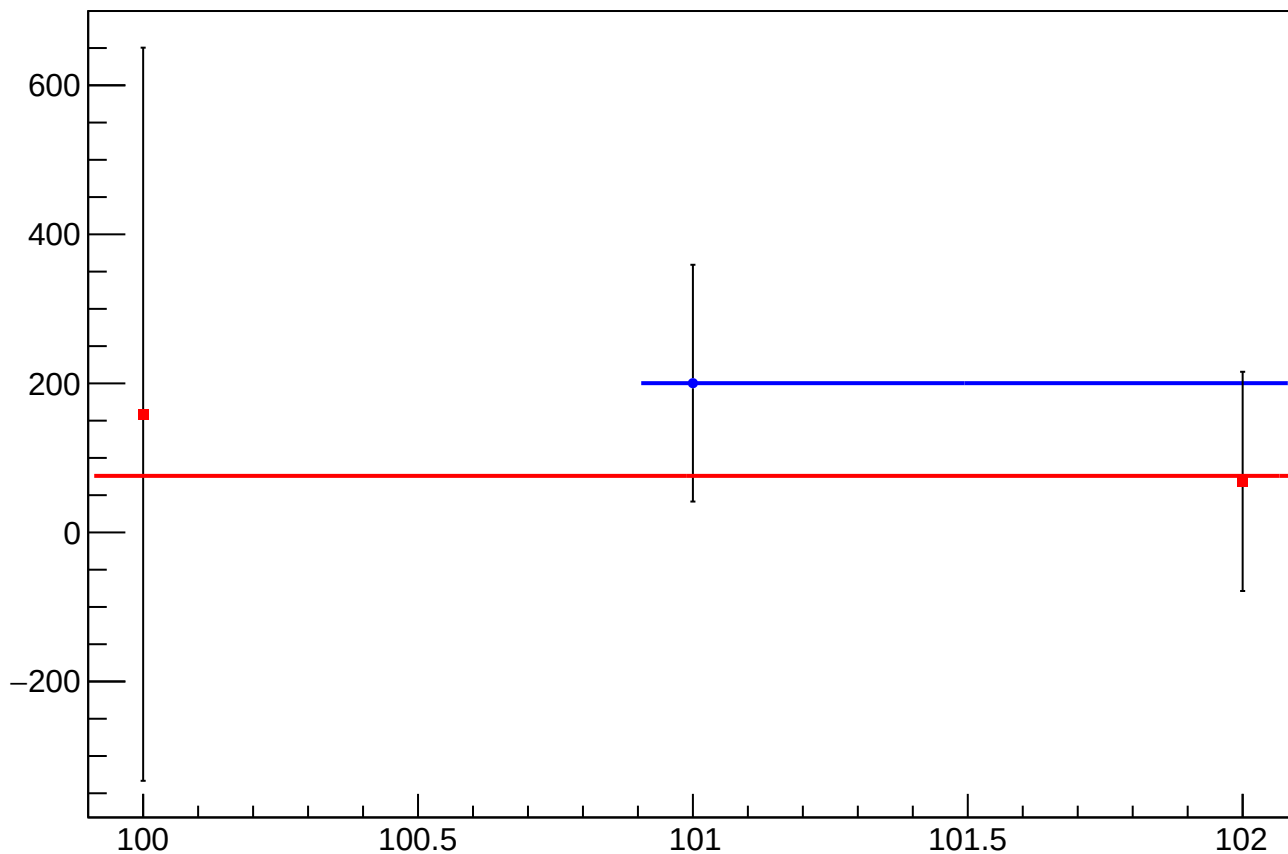
Right: 802.179 $\pm$ 0.484 χ^2 /NDF: 5046.3/2

In: 795.001 $\pm$ 0.694 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 802.179 $\pm$ 0.484 χ^2 /NDF: 5046.3/2

cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 200.298 $\pm$ 158.860 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 75.900 $\pm$ 140.908 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

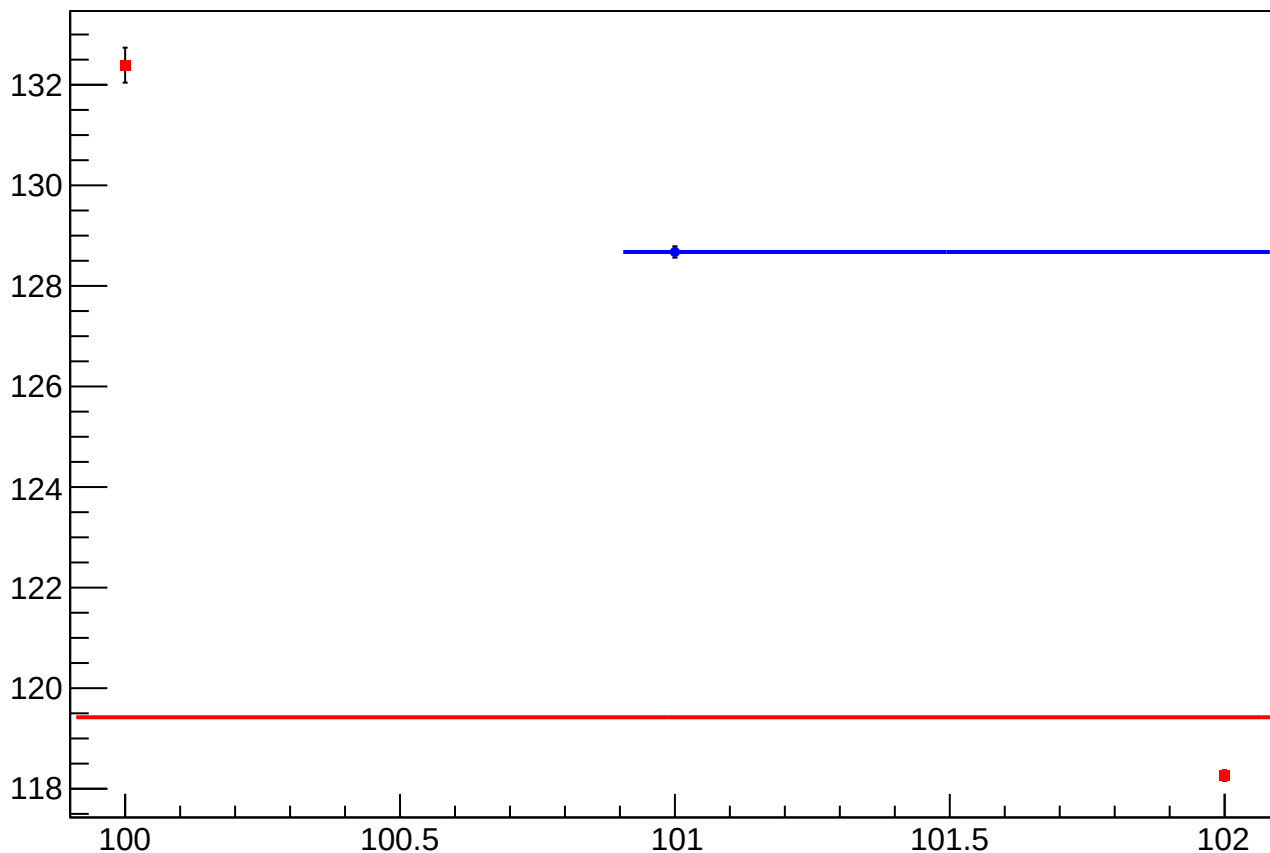
Right: 130.676 $\pm$ 105.415 χ^2 /NDF: 0.4/2

In: 200.298 $\pm$ 158.860 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 130.676 $\pm$ 105.415 χ^2 /NDF: 0.4/2

cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 128.675 $\pm$ 0.112 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 119.422 $\pm$ 0.100 χ^2 /NDF: 1514.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

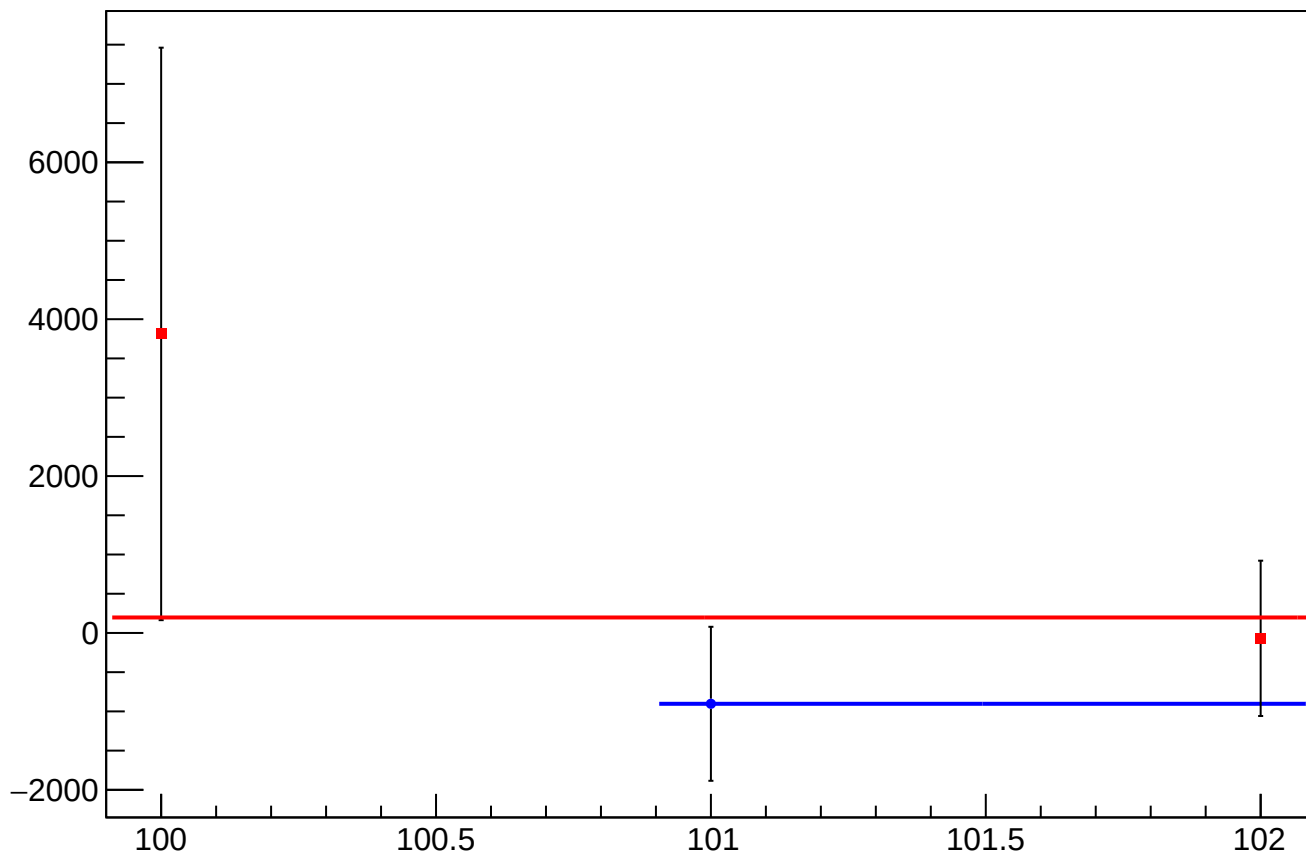
Right: 123.496 $\pm$ 0.075 χ^2 /NDF: 5312.5/2

In: 128.675 $\pm$ 0.112 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 123.496 $\pm$ 0.075 χ^2 /NDF: 5312.5/2

asym_sam_26_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -903.141+/-981.640 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 197.350+/-955.501 χ^2/NDF : 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

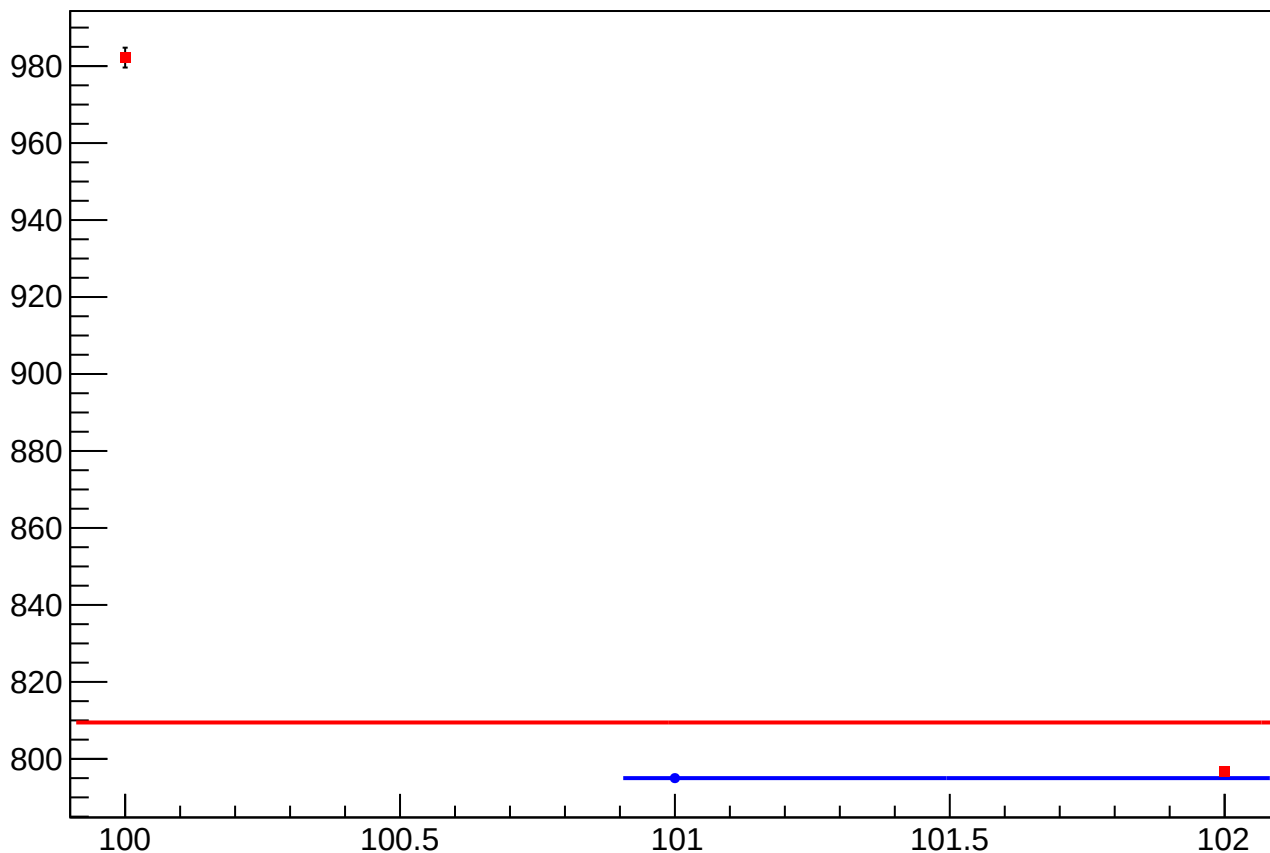
Right: -338.049+/-684.696 χ^2/NDF : 1.7/2

In: -903.141+/-981.640 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -338.049+/-684.696 χ^2/NDF : 1.7/2

asym_sam_26_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 795.003 $\pm$ 0.694 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 809.459 $\pm$ 0.676 χ^2 /NDF: 4811.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

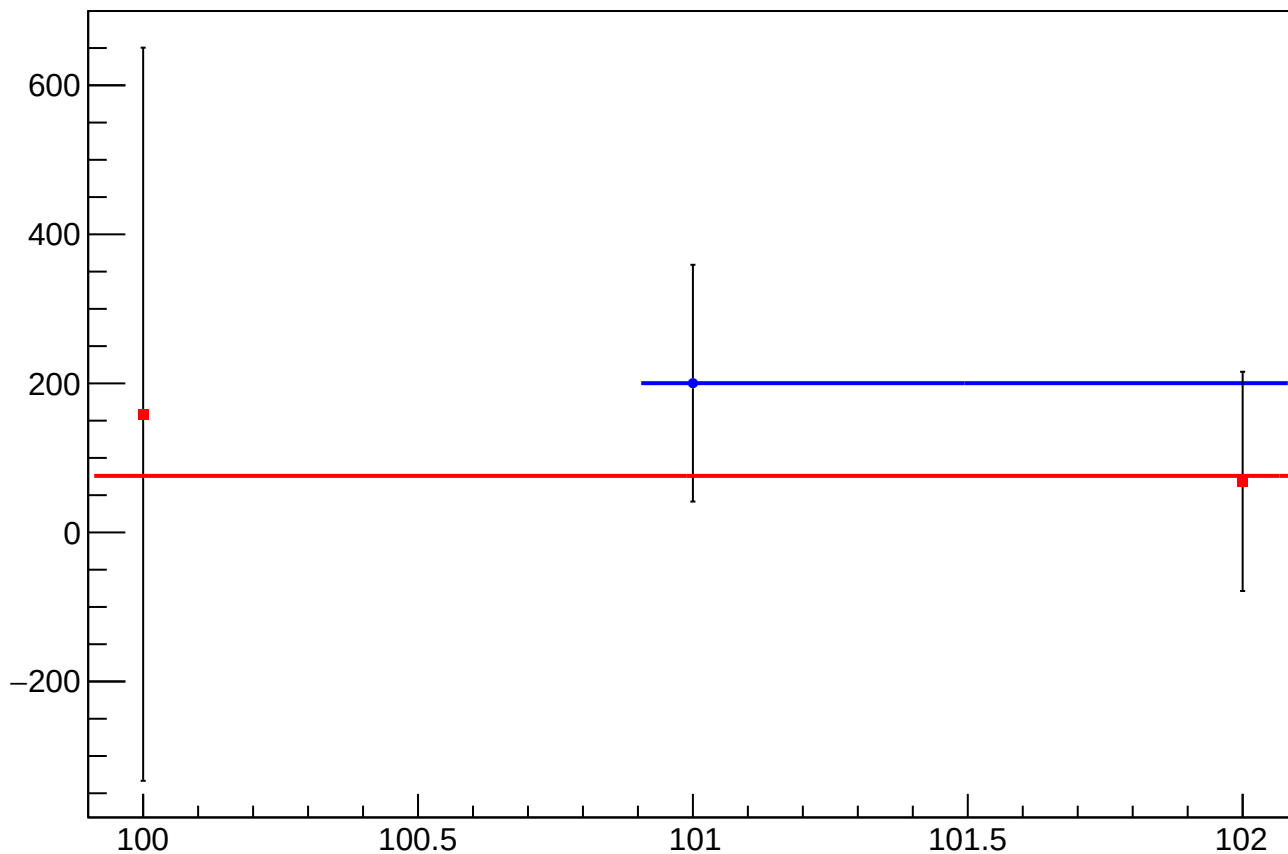
Right: 802.426 $\pm$ 0.484 χ^2 /NDF: 5034.2/2

In: 795.003 $\pm$ 0.694 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 802.426 $\pm$ 0.484 χ^2 /NDF: 5034.2/2

eigen_cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 200.298+/-158.860 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 75.900+/-140.908 χ^2 /NDF: 0.0/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

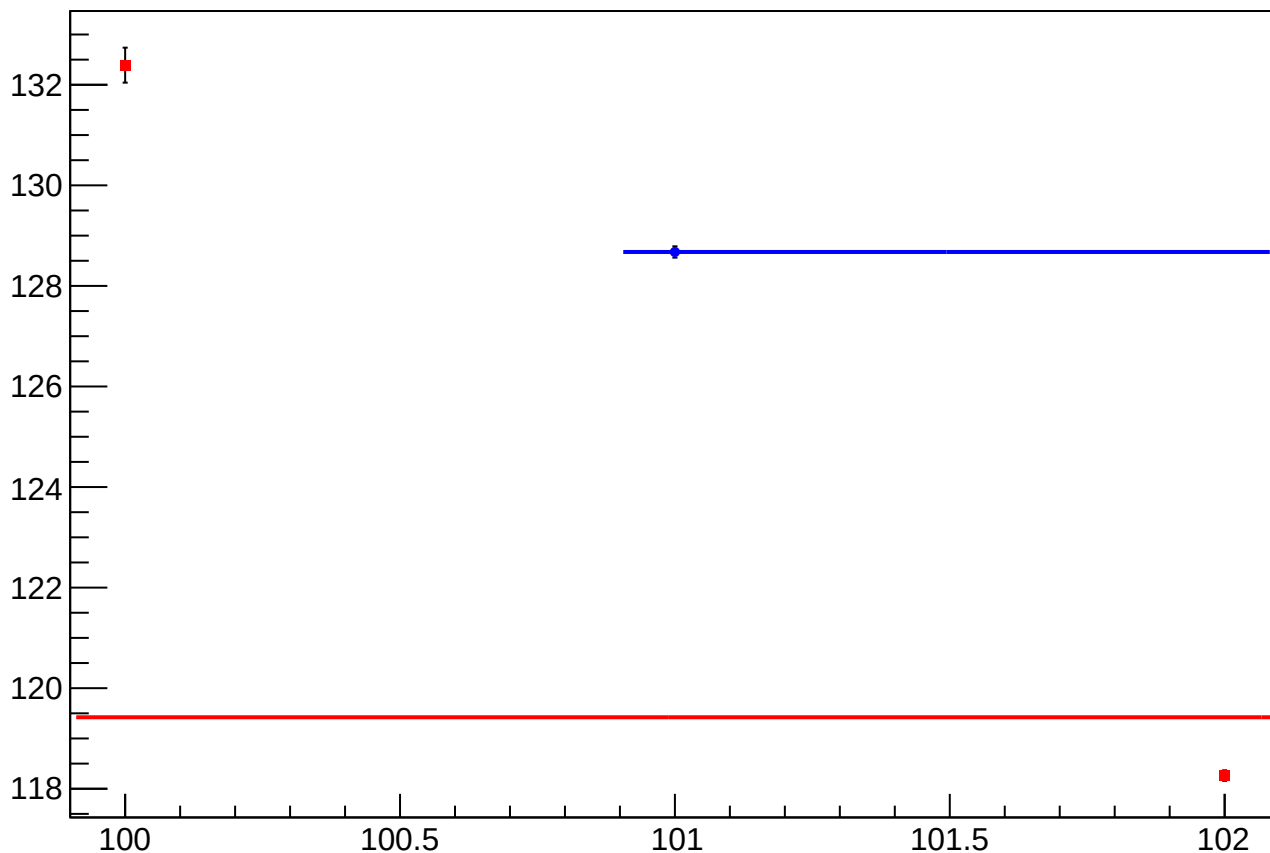
Right: 130.676+/-105.415 χ^2 /NDF: 0.4/2

In: 200.298+/-158.860 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 130.676+/-105.415 χ^2 /NDF: 0.4/2

eigen_cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 128.675+/-0.112 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.422+/-0.100 χ^2/NDF : 1514.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

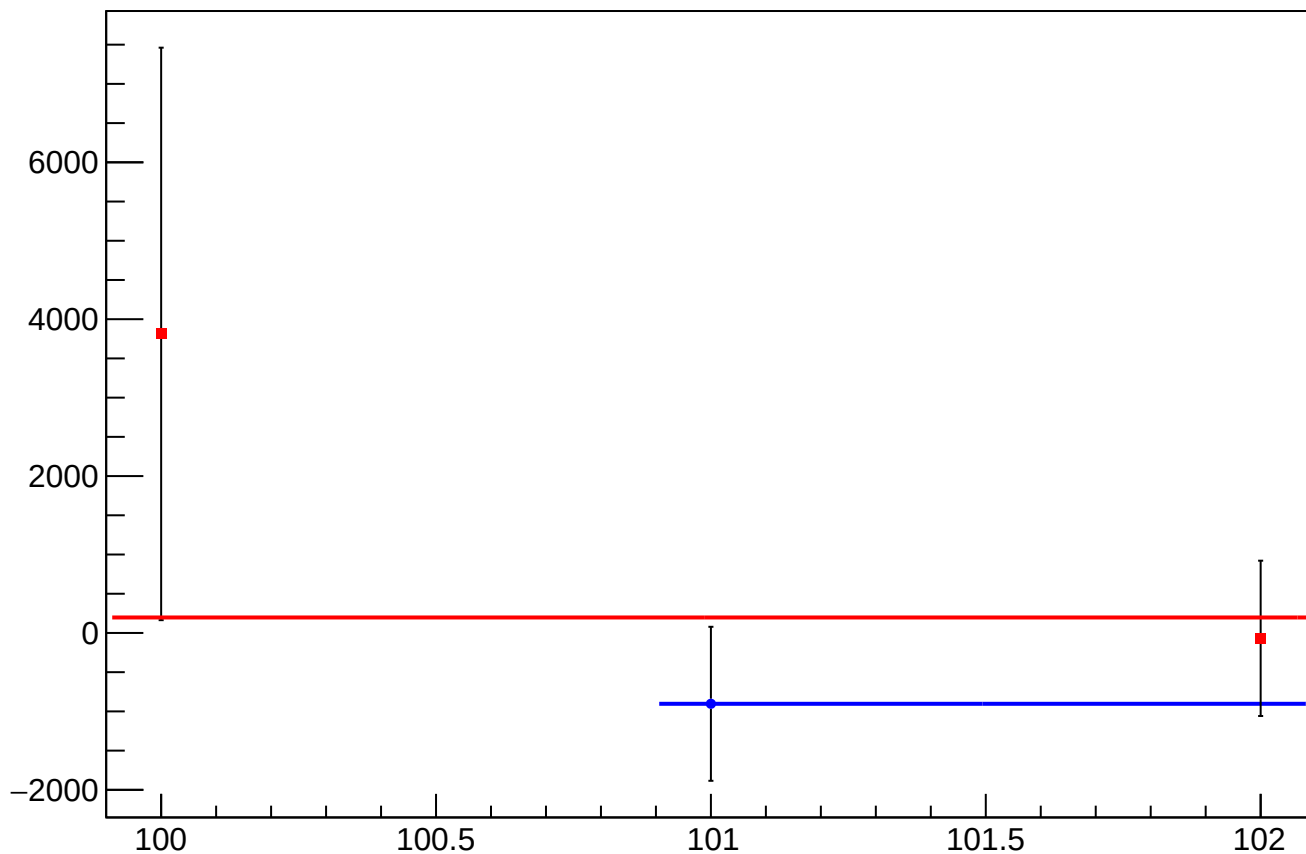
Right: 123.496+/-0.075 χ^2/NDF : 5312.5/2

In: 128.675+/-0.112 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.496+/-0.075 χ^2/NDF : 5312.5/2

asym_sam_26_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -903.141+/-981.640 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 197.350+/-955.501 χ^2/NDF : 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

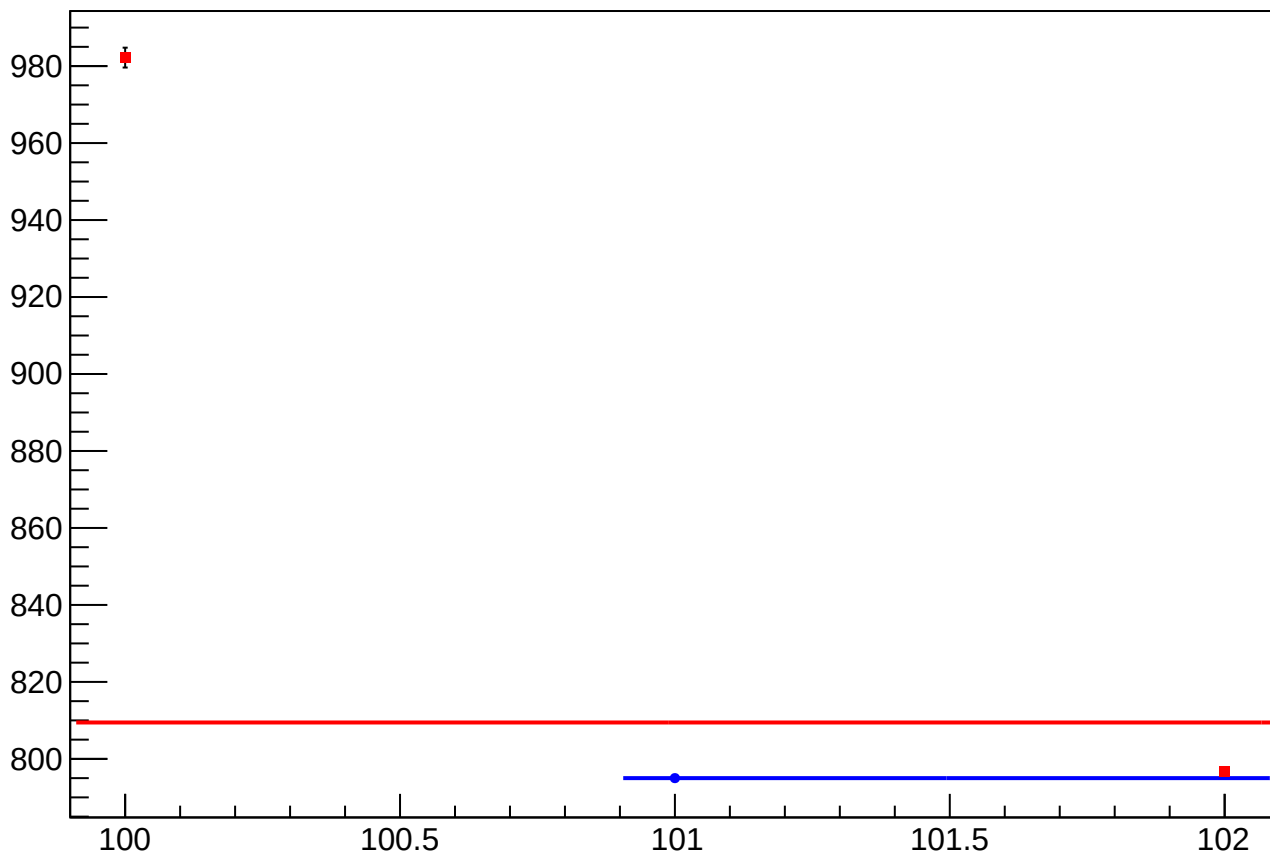
Right: -338.049+/-684.696 χ^2/NDF : 1.7/2

In: -903.141+/-981.640 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -338.049+/-684.696 χ^2/NDF : 1.7/2

asym_sam_26_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 795.003 $\pm$ 0.694 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 809.459 $\pm$ 0.676 χ^2 /NDF: 4811.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

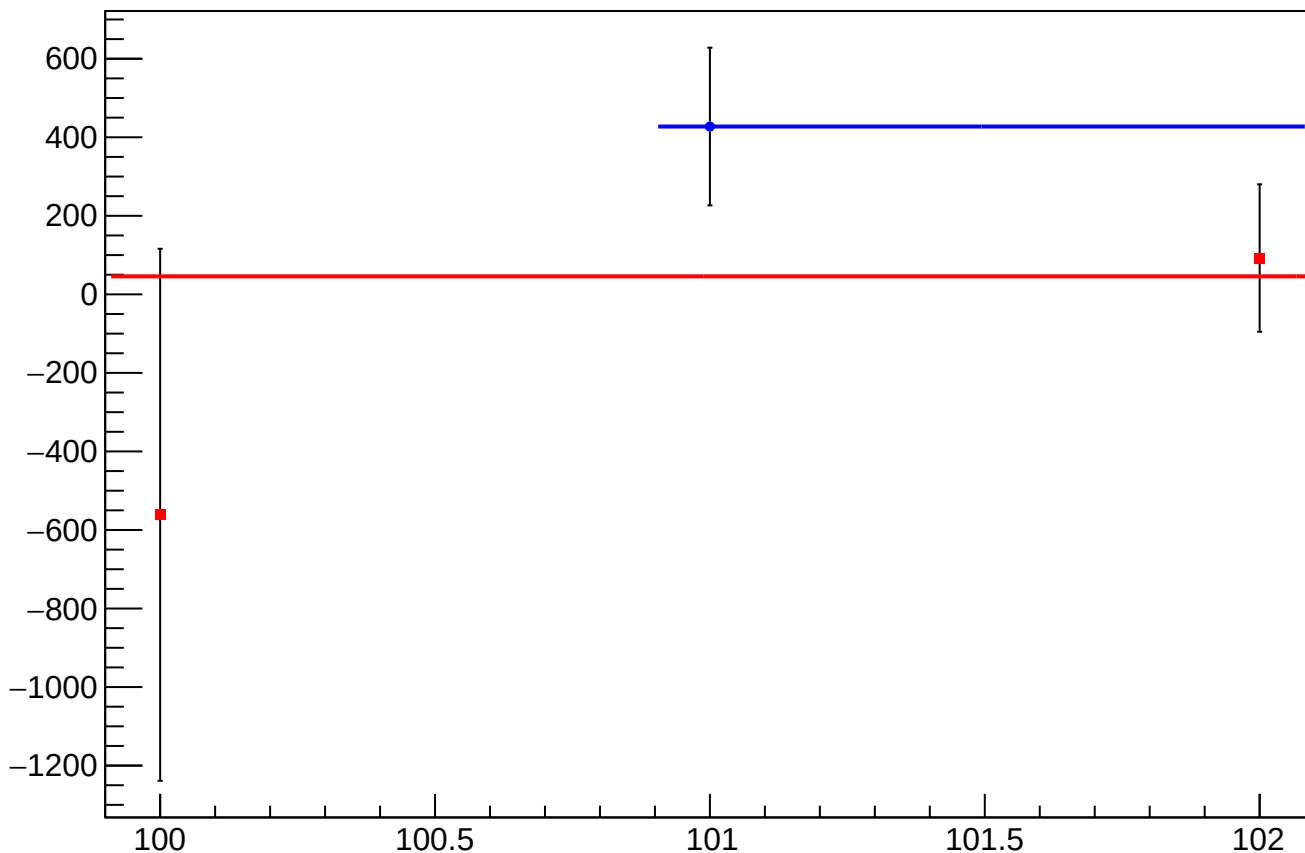
Right: 802.426 $\pm$ 0.484 χ^2 /NDF: 5034.2/2

In: 795.003 $\pm$ 0.694 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 802.426 $\pm$ 0.484 χ^2 /NDF: 5034.2/2

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 427.366 $\pm$ 200.834 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 45.889 $\pm$ 180.887 χ^2 /NDF: 0.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

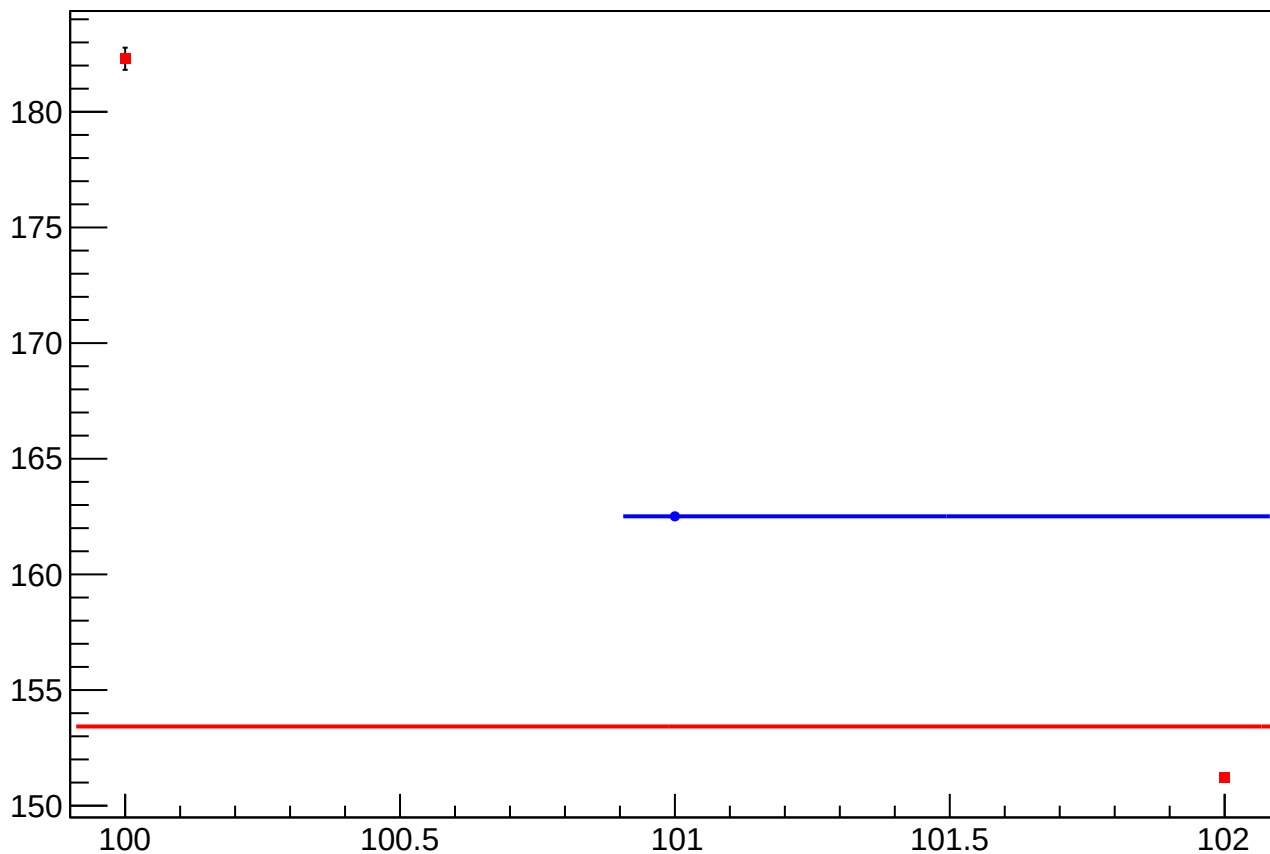
Right: 216.747 $\pm$ 134.407 χ^2 /NDF: 2.9/2

In: 427.366 $\pm$ 200.834 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 216.747 $\pm$ 134.407 χ^2 /NDF: 2.9/2

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 162.511 $\pm$ 0.142 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 153.426 $\pm$ 0.128 χ^2 /NDF: 3911.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

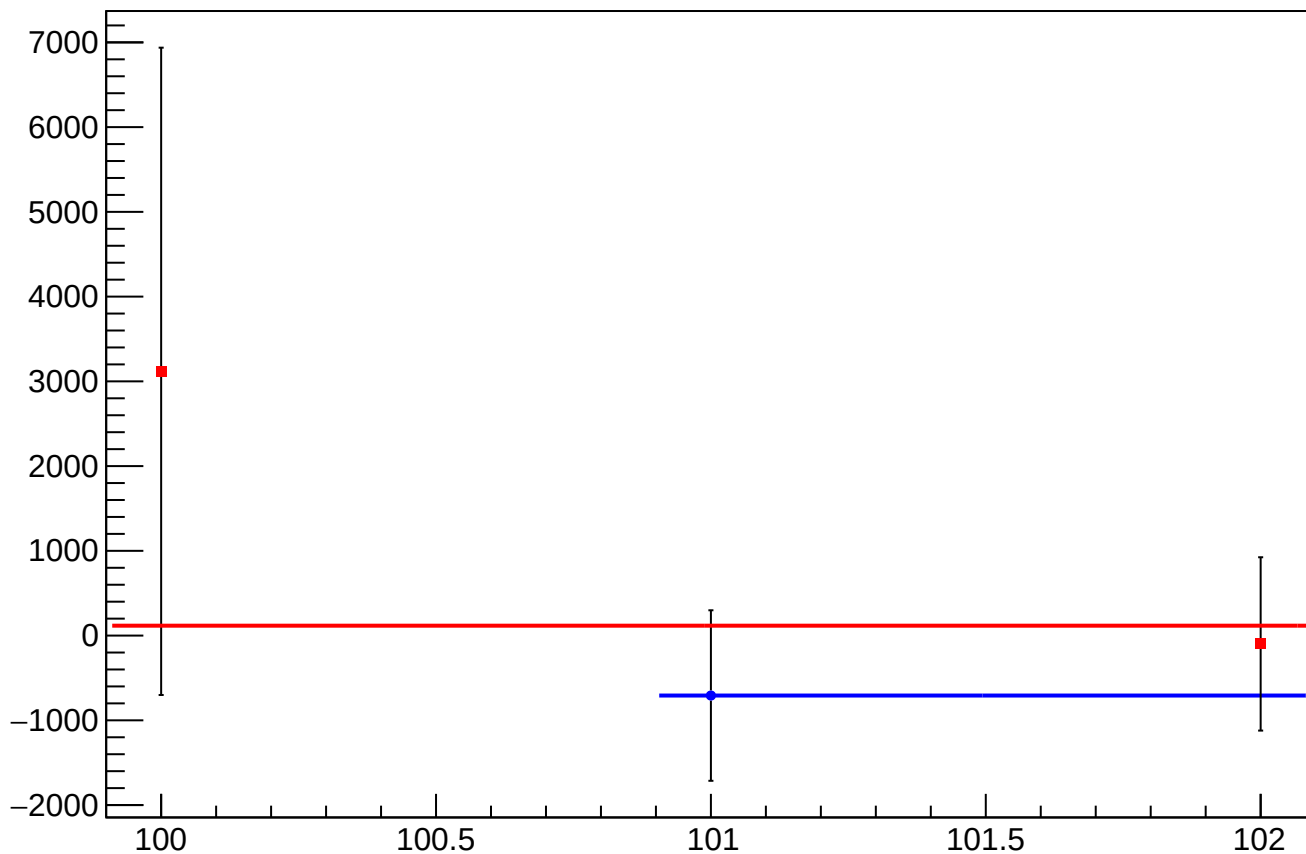
Right: 157.495 $\pm$ 0.095 χ^2 /NDF: 6171.2/2

In: 162.511 $\pm$ 0.142 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 157.495 $\pm$ 0.095 χ^2 /NDF: 6171.2/2

asym_sam_26_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -707.511+/-1006.115 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 116.797+/-987.910 χ^2/NDF : 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

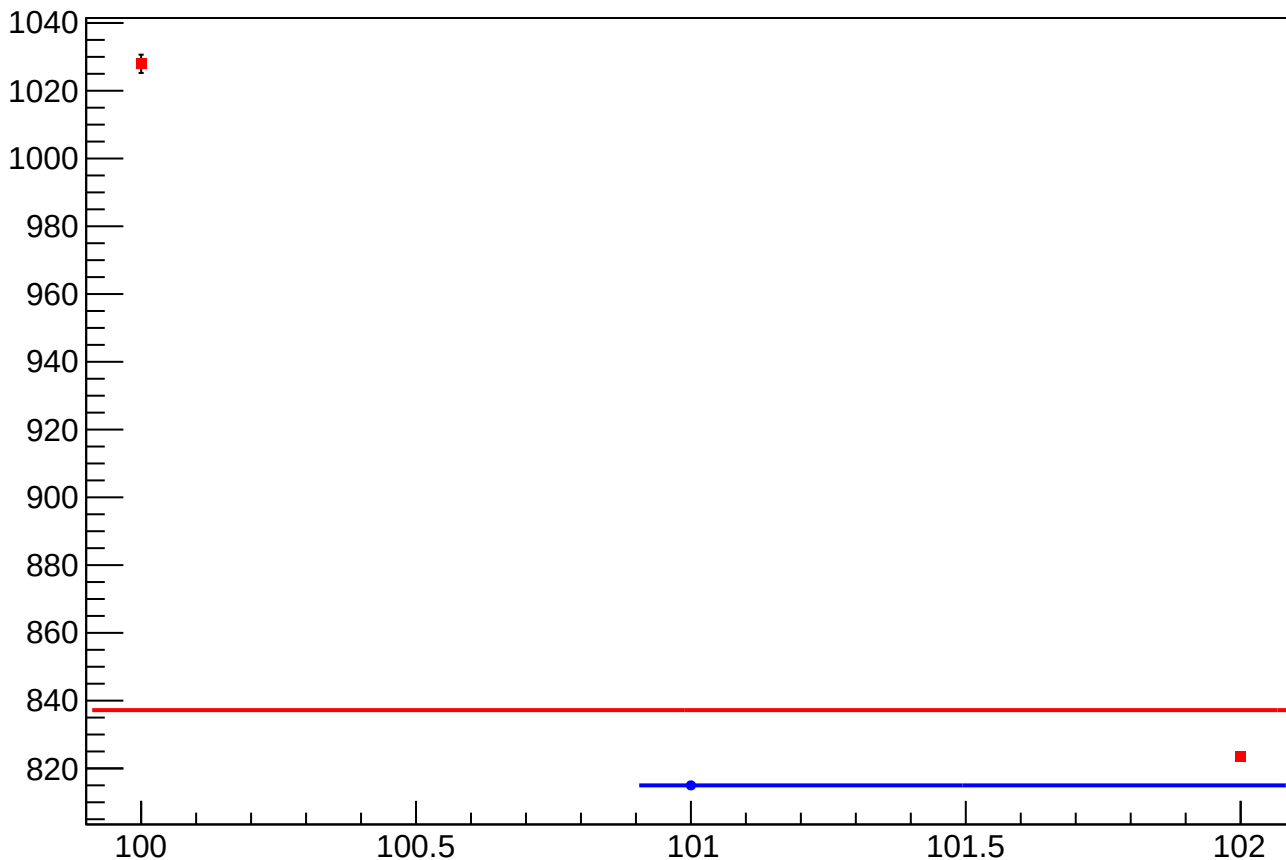
Right: -287.832+/-704.906 χ^2/NDF : 1.0/2

In: -707.511+/-1006.115 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -287.832+/-704.906 χ^2/NDF : 1.0/2

asym_sam_26_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 814.988 $\pm$ 0.711 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 837.198 $\pm$ 0.699 χ^2 /NDF: 5346.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

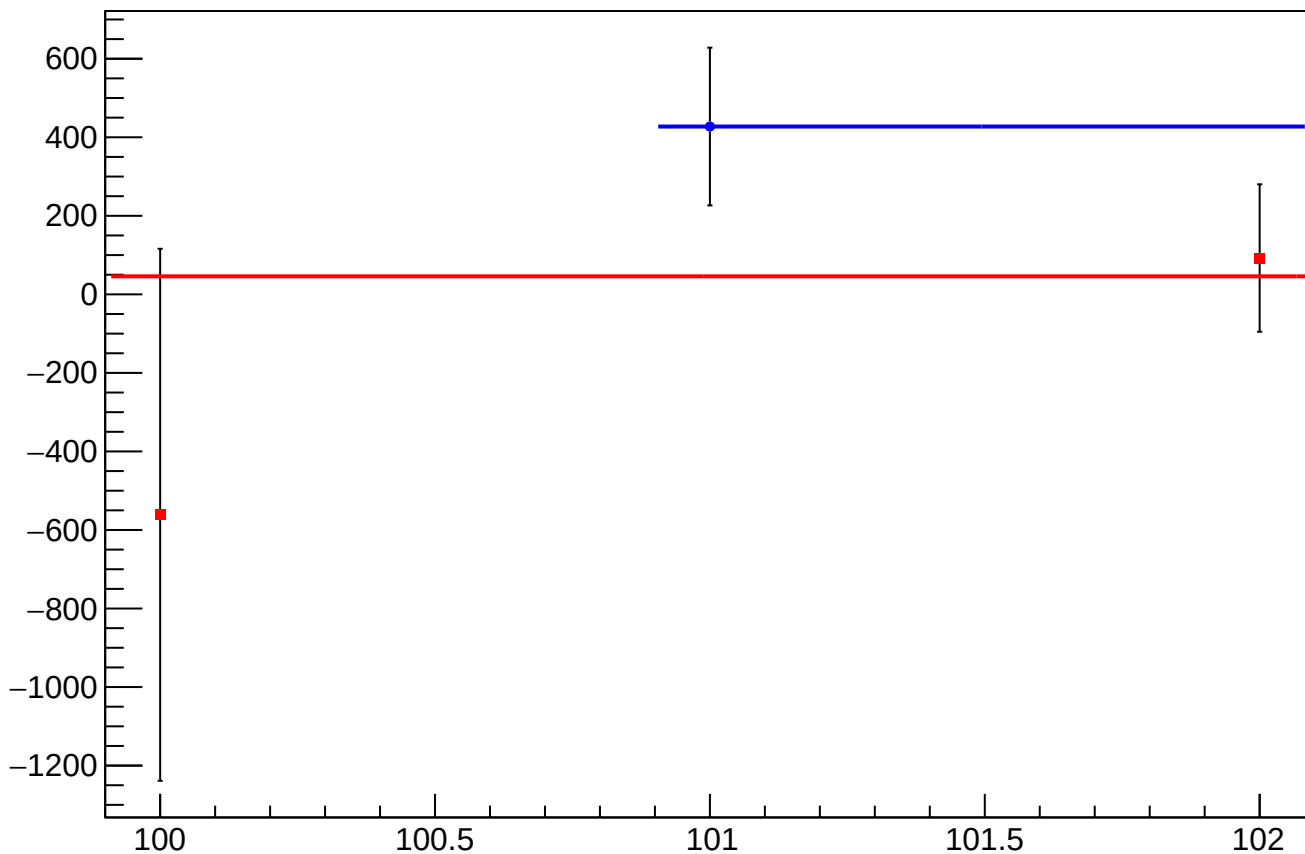
Right: 826.296 $\pm$ 0.498 χ^2 /NDF: 5842.5/2

In: 814.988 $\pm$ 0.711 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 826.296 $\pm$ 0.498 χ^2 /NDF: 5842.5/2

eigen_dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 427.363 $\pm$ 200.834 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 45.888 $\pm$ 180.886 χ^2 /NDF: 0.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

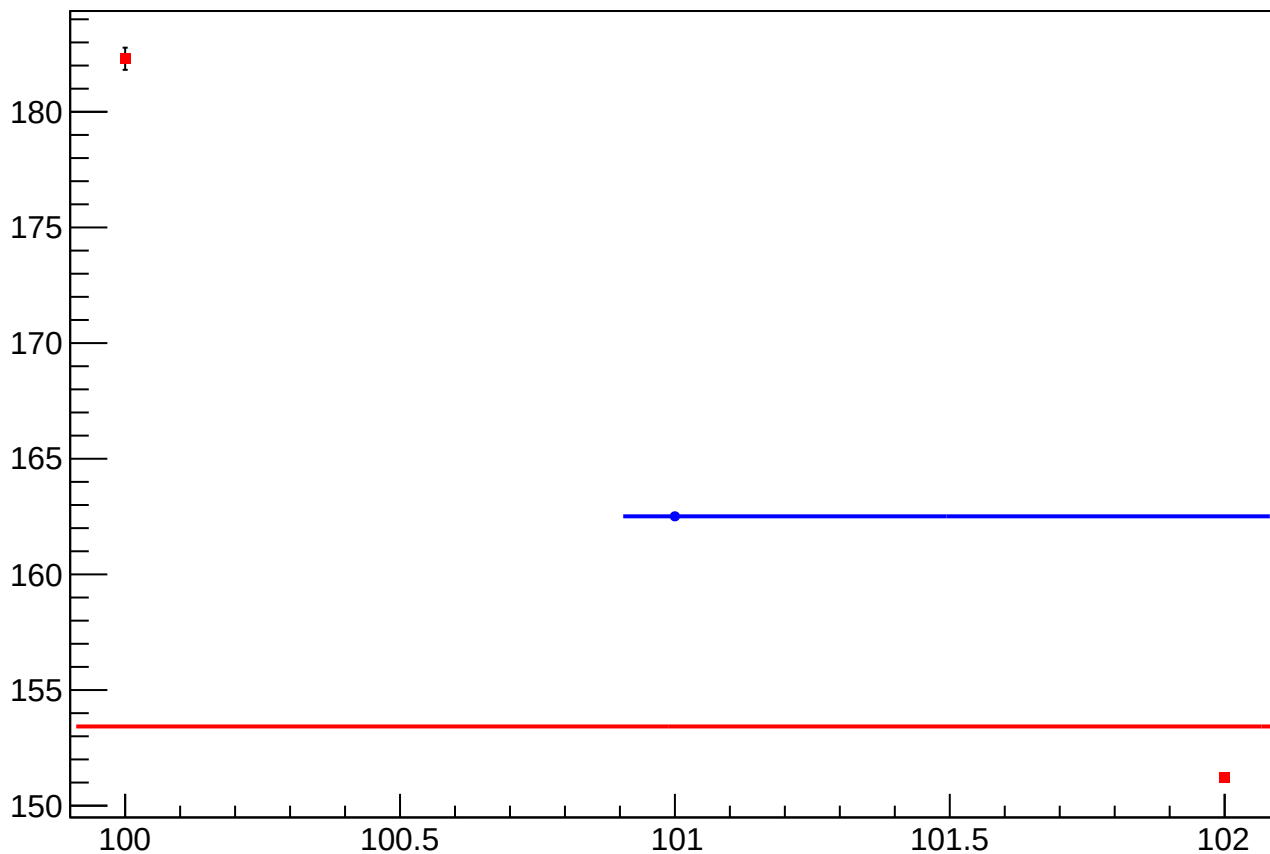
Right: 216.745 $\pm$ 134.407 χ^2 /NDF: 2.9/2

In: 427.363 $\pm$ 200.834 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 216.745 $\pm$ 134.407 χ^2 /NDF: 2.9/2

eigen_dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 162.511 $\pm$ 0.142 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 153.426 $\pm$ 0.128 χ^2 /NDF: 3911.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

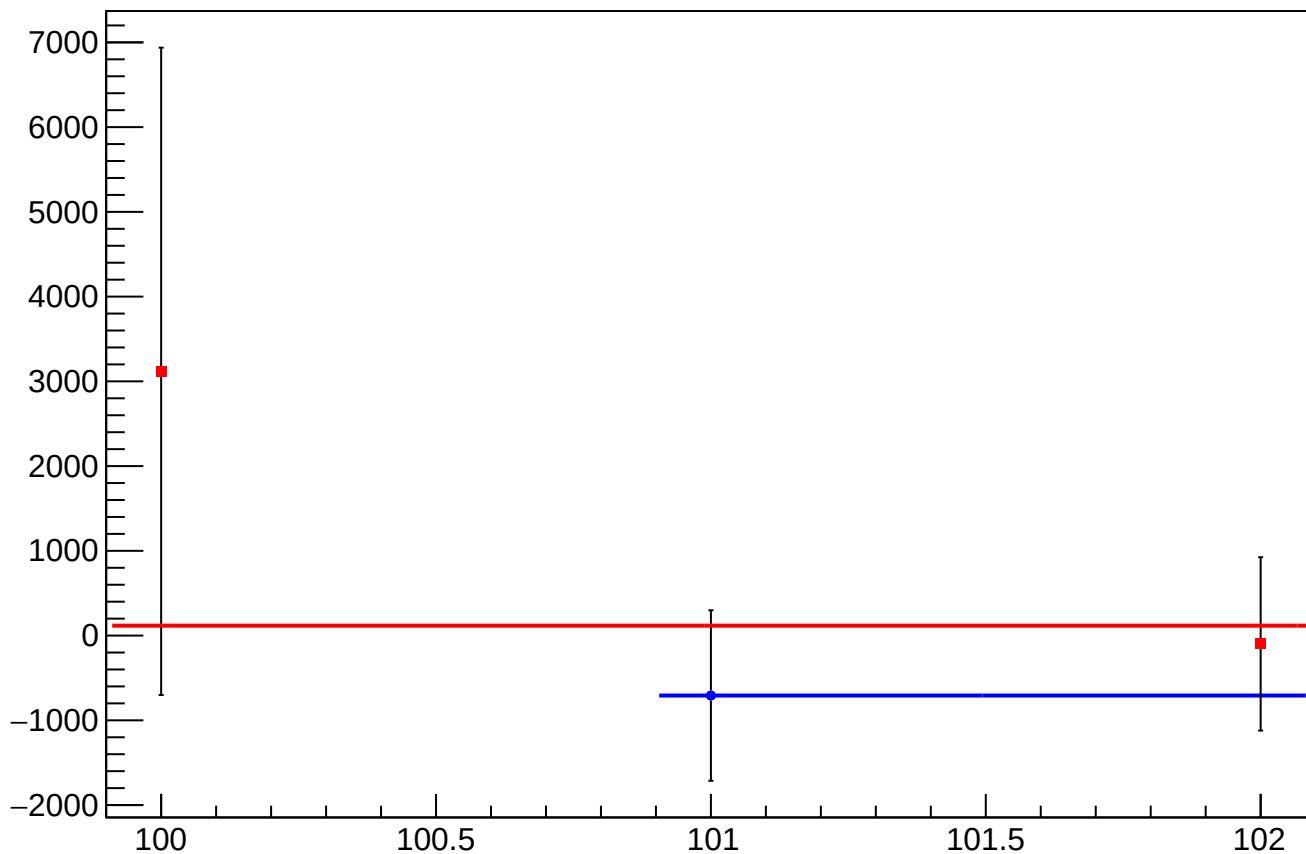
Right: 157.495 $\pm$ 0.095 χ^2 /NDF: 6171.5/2

In: 162.511 $\pm$ 0.142 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 157.495 $\pm$ 0.095 χ^2 /NDF: 6171.5/2

asym_sam_26_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -707.515+/-1006.116 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 116.794+/-987.906 χ^2/NDF : 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

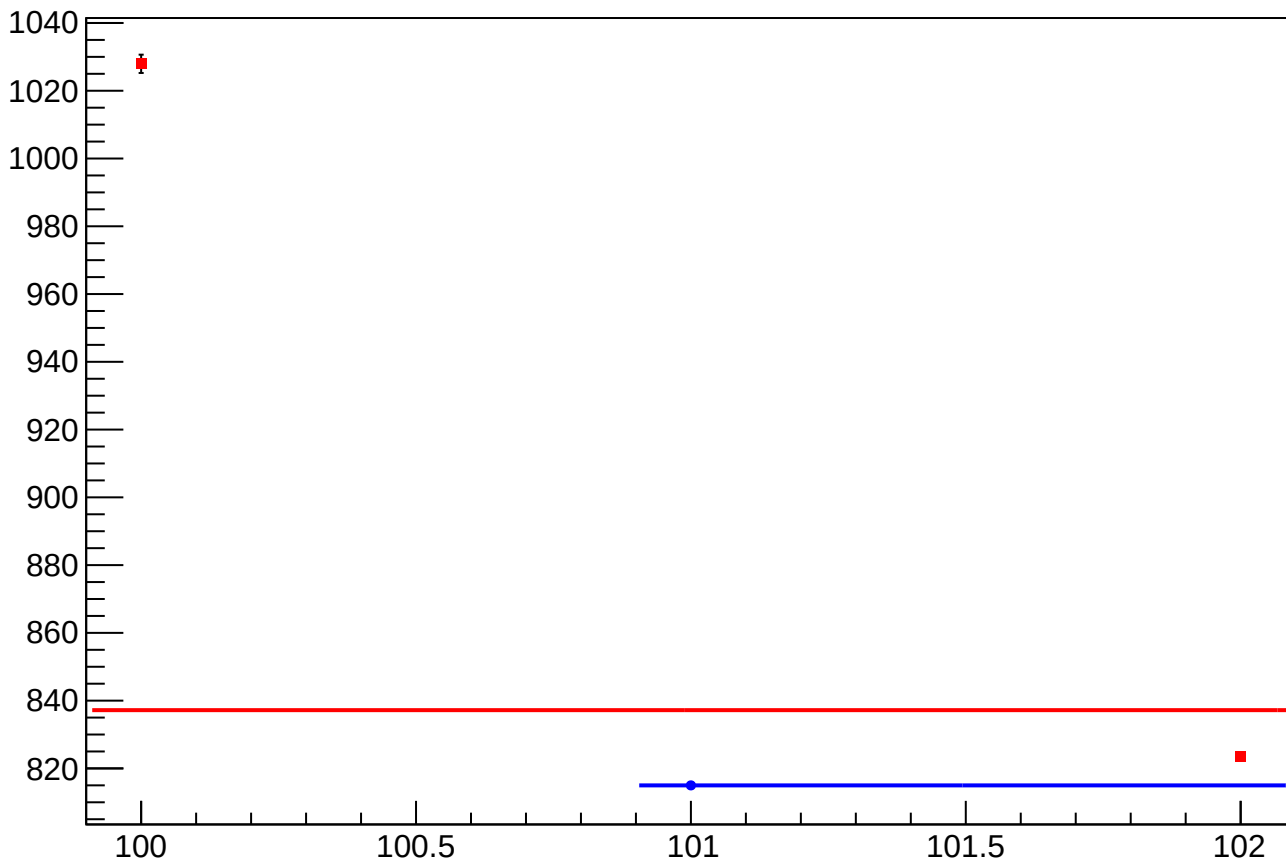
Right: -287.833+/-704.905 χ^2/NDF : 1.0/2

In: -707.515+/-1006.116 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -287.833+/-704.905 χ^2/NDF : 1.0/2

asym_sam_26_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 814.989 $\pm$ 0.711 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 837.194 $\pm$ 0.699 χ^2 /NDF: 5346.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

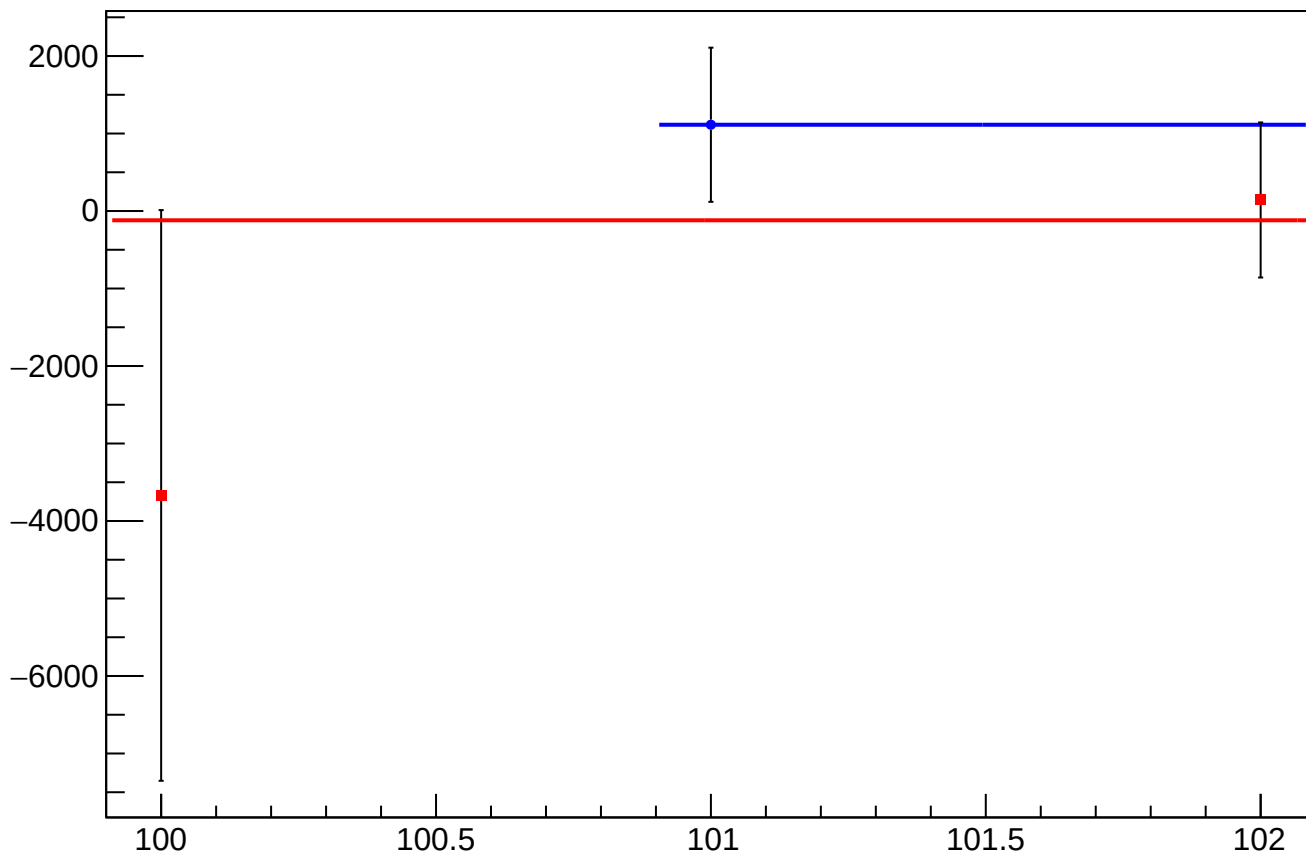
Right: 826.294 $\pm$ 0.498 χ^2 /NDF: 5842.6/2

In: 814.989 $\pm$ 0.711 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 826.294 $\pm$ 0.498 χ^2 /NDF: 5842.6/2

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 1113.283+/-994.593 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -119.619+/-965.383 χ^2/NDF : 1.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

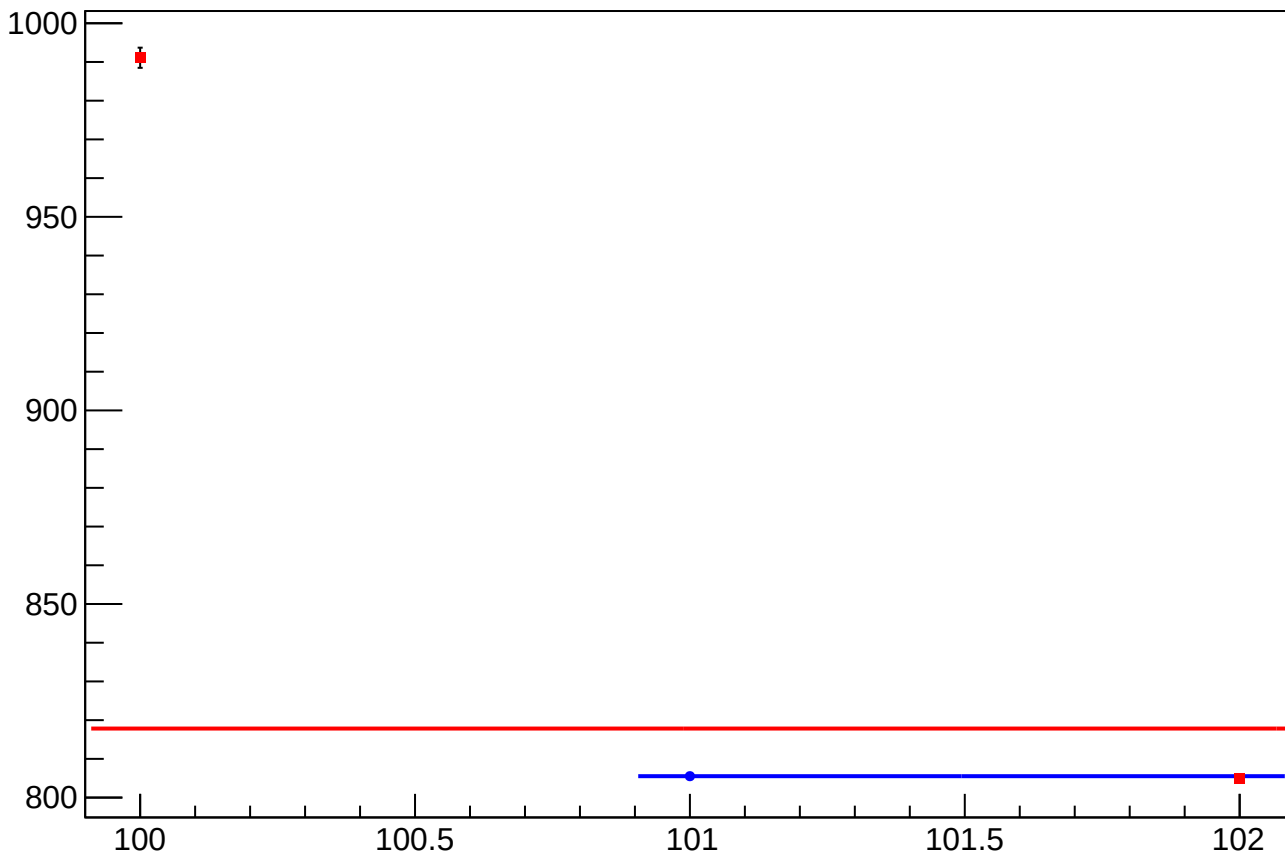
Right: 478.462+/-692.725 χ^2/NDF : 1.8/2

In: 1113.283+/-994.593 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 478.462+/-692.725 χ^2/NDF : 1.8/2

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 805.528+/-0.703 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 817.830+/-0.683 χ^2/NDF : 4754.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

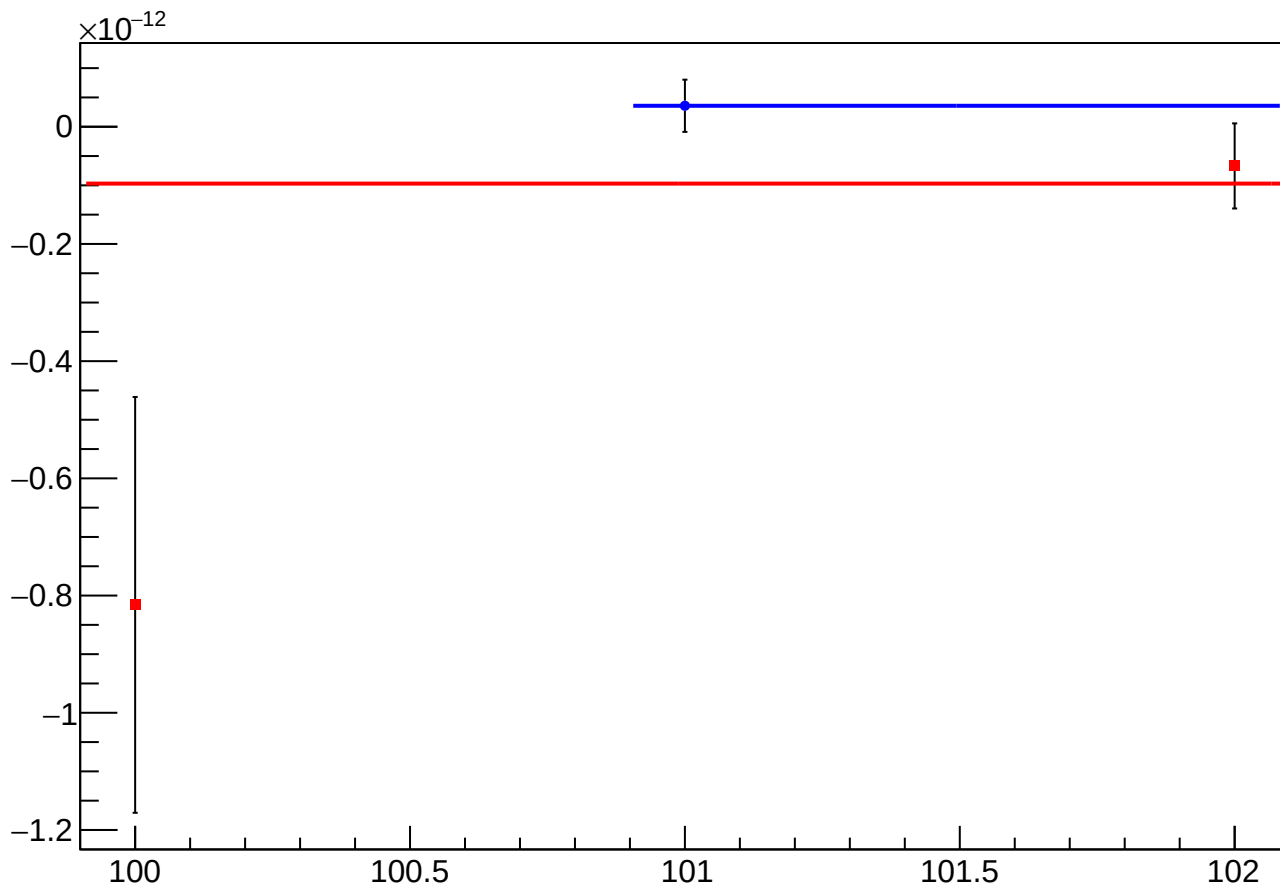
Right: 811.862+/-0.490 χ^2/NDF : 4912.3/2

In: 805.528+/-0.703 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 811.862+/-0.490 χ^2/NDF : 4912.3/2

asym_sam_26_48_dd_reg_vs_cor_diff_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 : 4.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

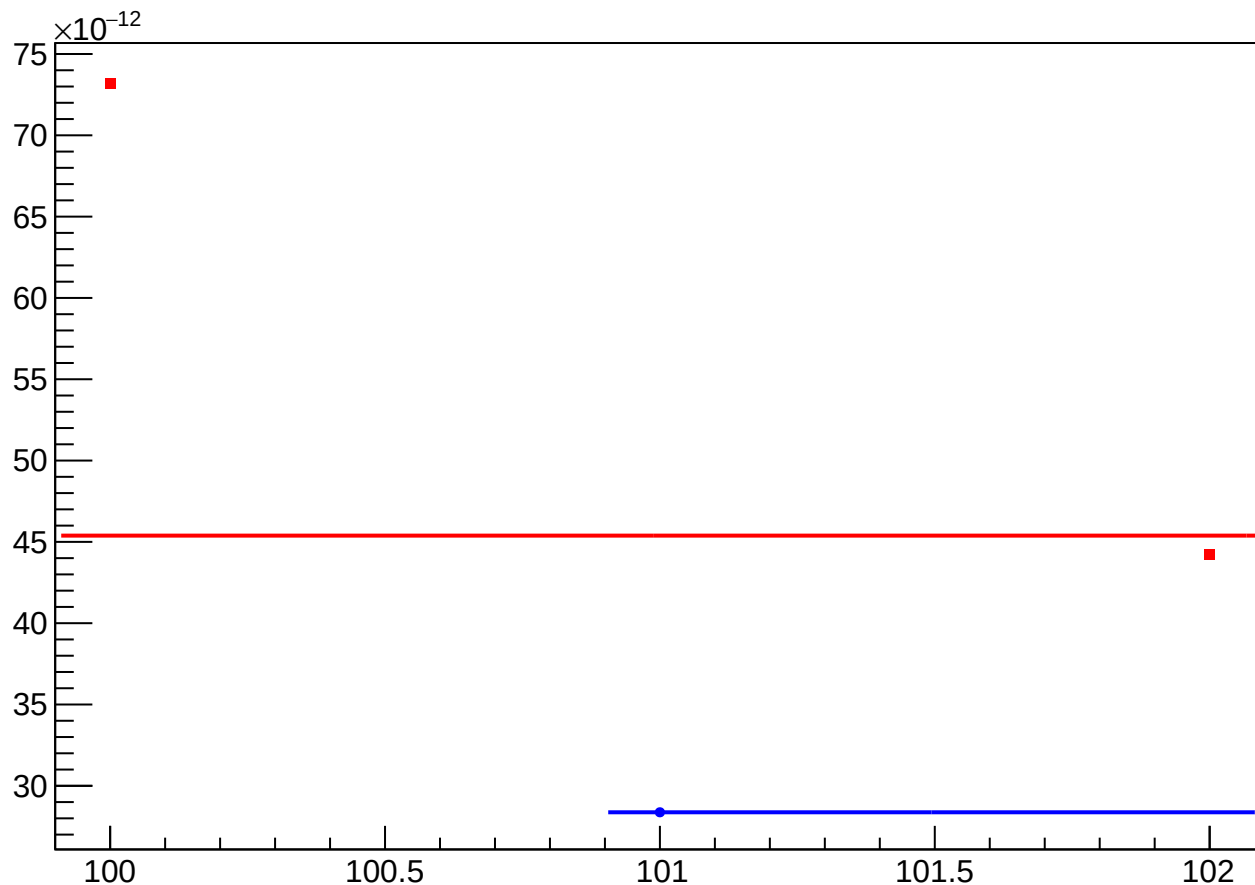
Right: -0.000+/-0.000 χ^2/NDF : 6.8/2

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 : 6.8/2

asym_sam_26_48_dd_reg_vs_cor_diff_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 : 12781.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

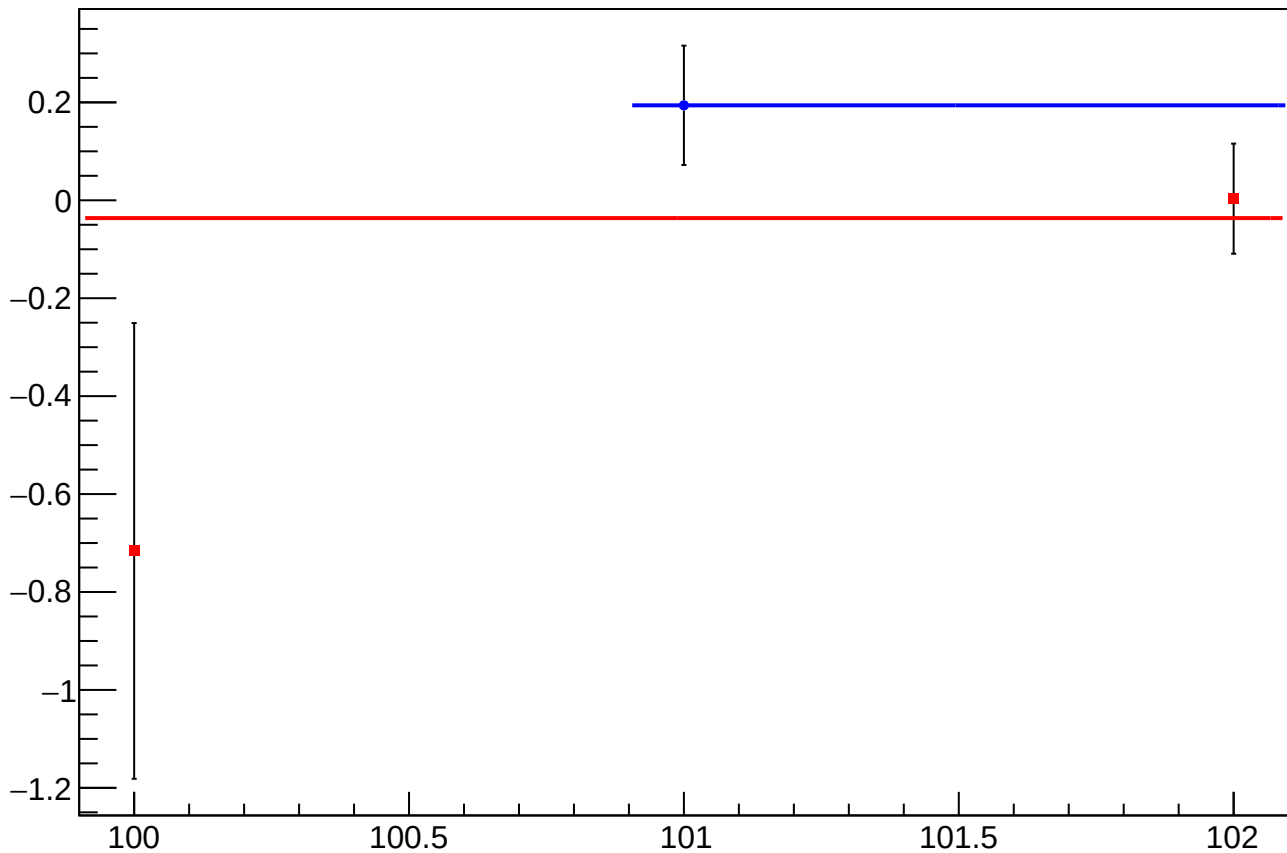
Right: 0.000+/-0.000 χ^2/NDF : 94951.7/2

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 : 94951.7/2

asym_sam_26_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.194+/-0.122 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.036+/-0.109 χ^2/NDF : 2.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

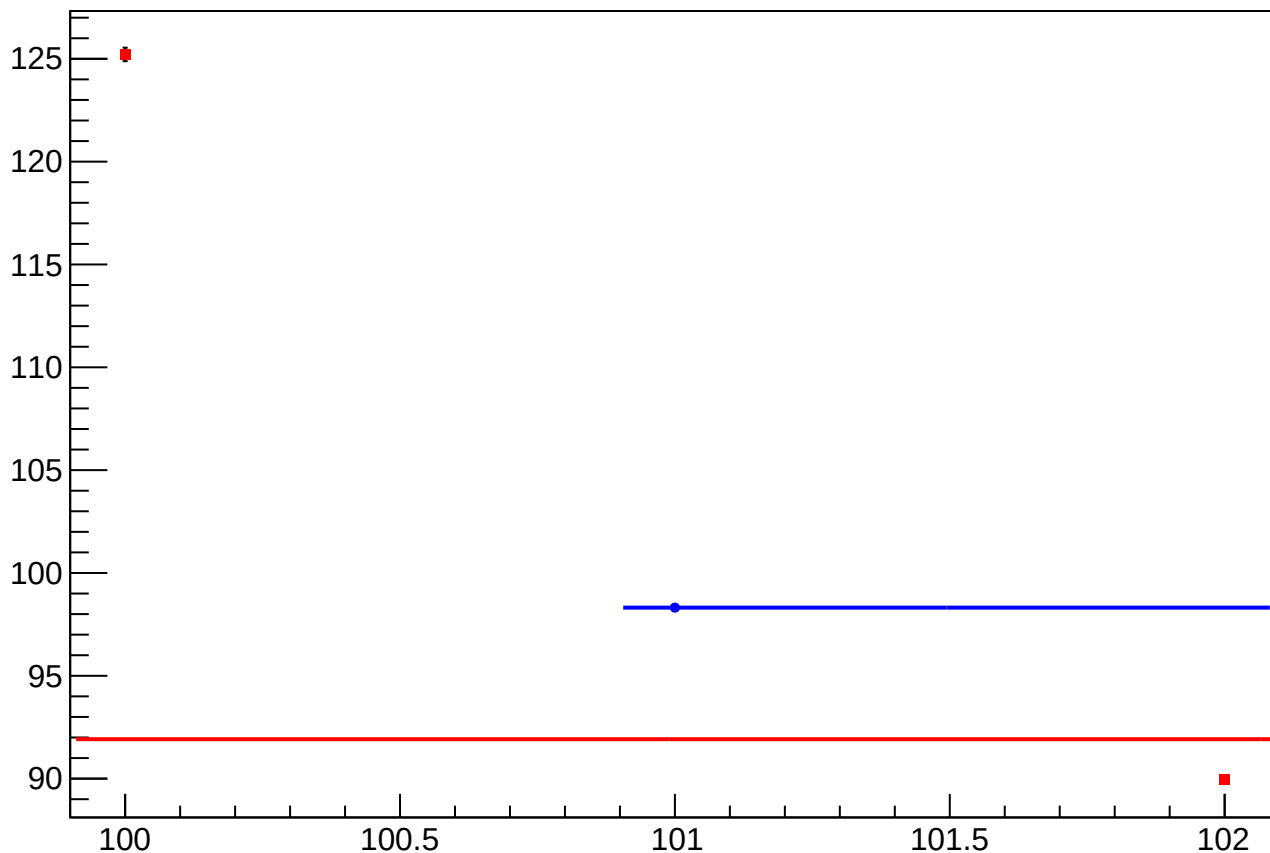
Right: 0.066+/-0.081 χ^2/NDF : 4.2/2

In: 0.194+/-0.122 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.066+/-0.081 χ^2/NDF : 4.2/2

asym_sam_26_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 98.315 $\pm$ 0.086 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 91.918 $\pm$ 0.077 χ^2 /NDF: 10833.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

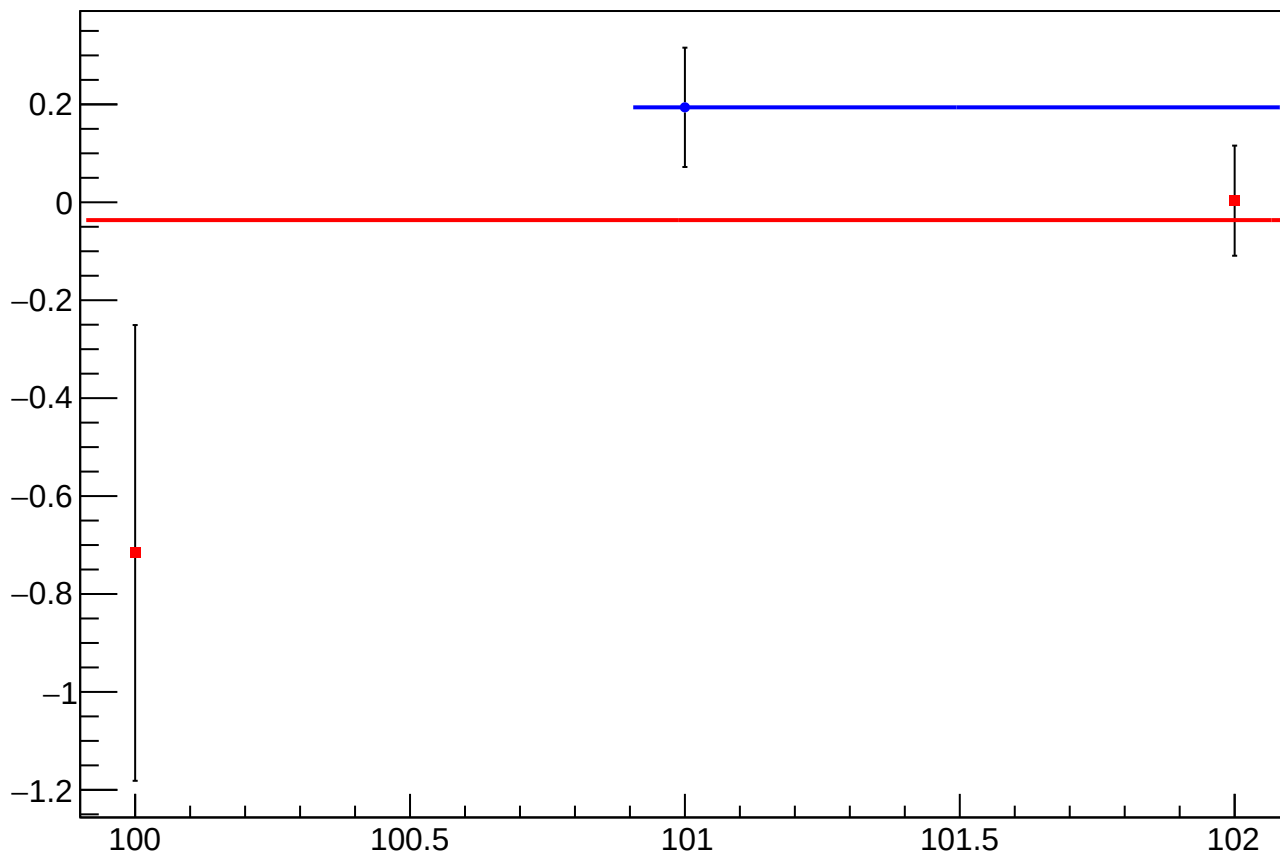
Right: 94.770 $\pm$ 0.058 χ^2 /NDF: 13887.8/2

In: 98.315 $\pm$ 0.086 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 94.770 $\pm$ 0.058 χ^2 /NDF: 13887.8/2

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.194+/-0.122 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.036+/-0.109 χ^2/NDF : 2.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

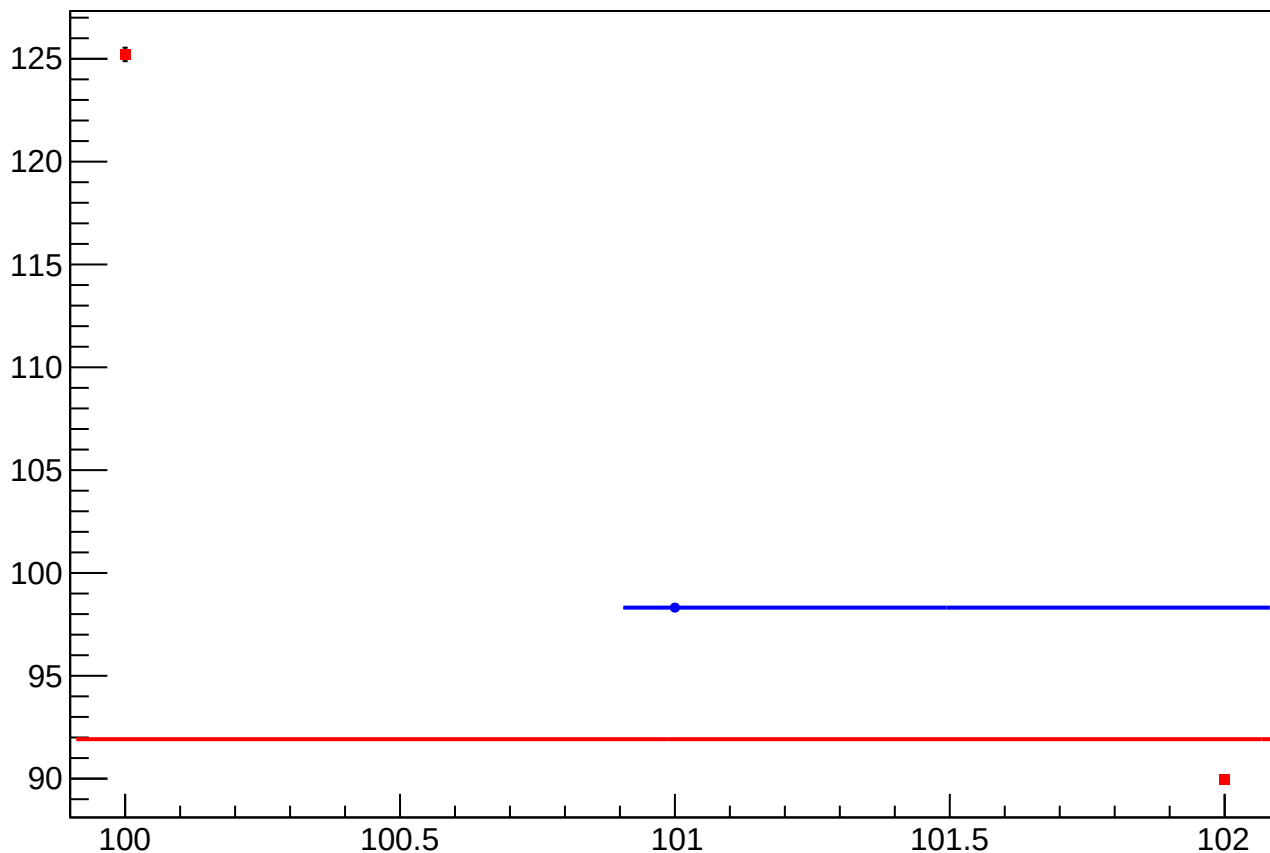
Right: 0.066+/-0.081 χ^2/NDF : 4.2/2

In: 0.194+/-0.122 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.066+/-0.081 χ^2/NDF : 4.2/2

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 98.315 $\pm$ 0.086 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 91.918 $\pm$ 0.077 χ^2 /NDF: 10833.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

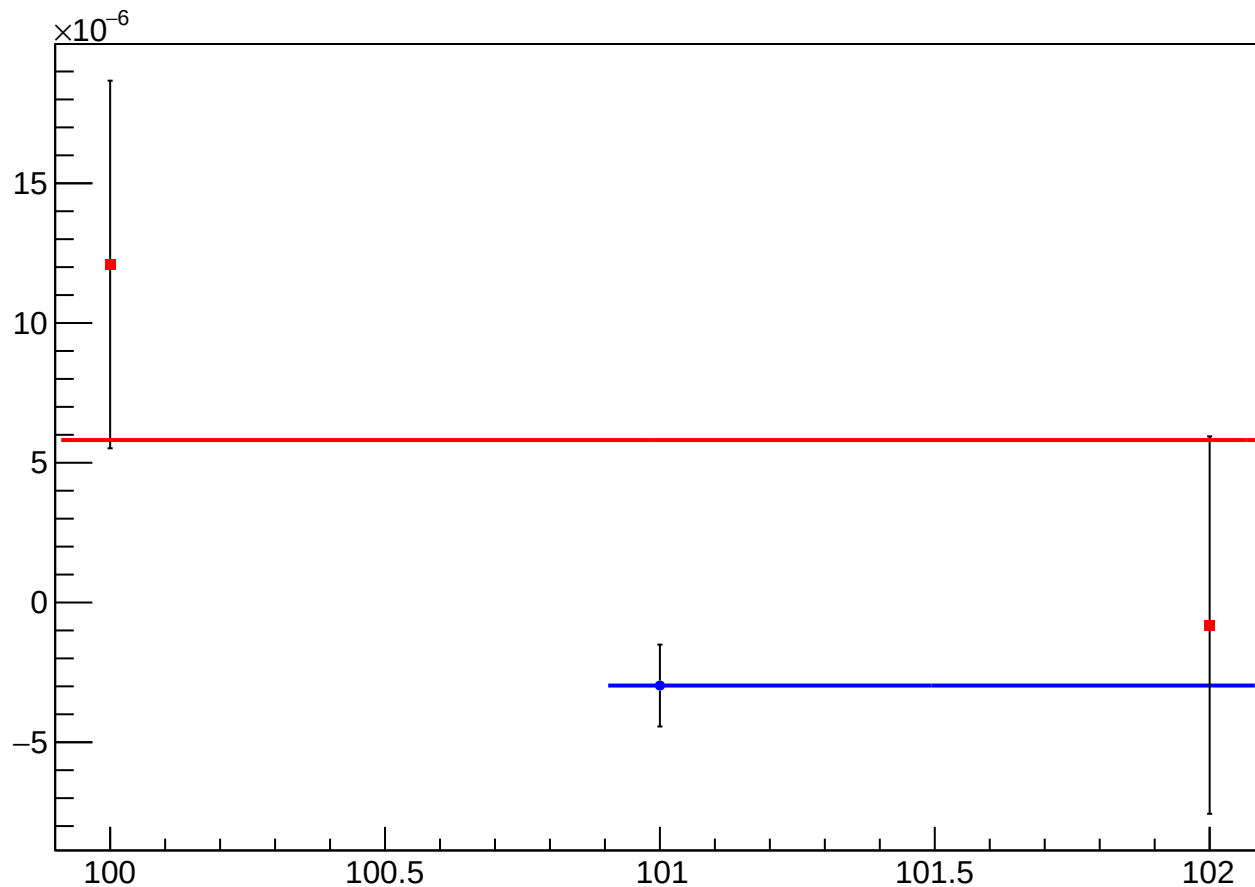
Right: 94.770 $\pm$ 0.058 χ^2 /NDF: 13887.8/2

In: 98.315 $\pm$ 0.086 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 94.770 $\pm$ 0.058 χ^2 /NDF: 13887.8/2

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 1.9/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

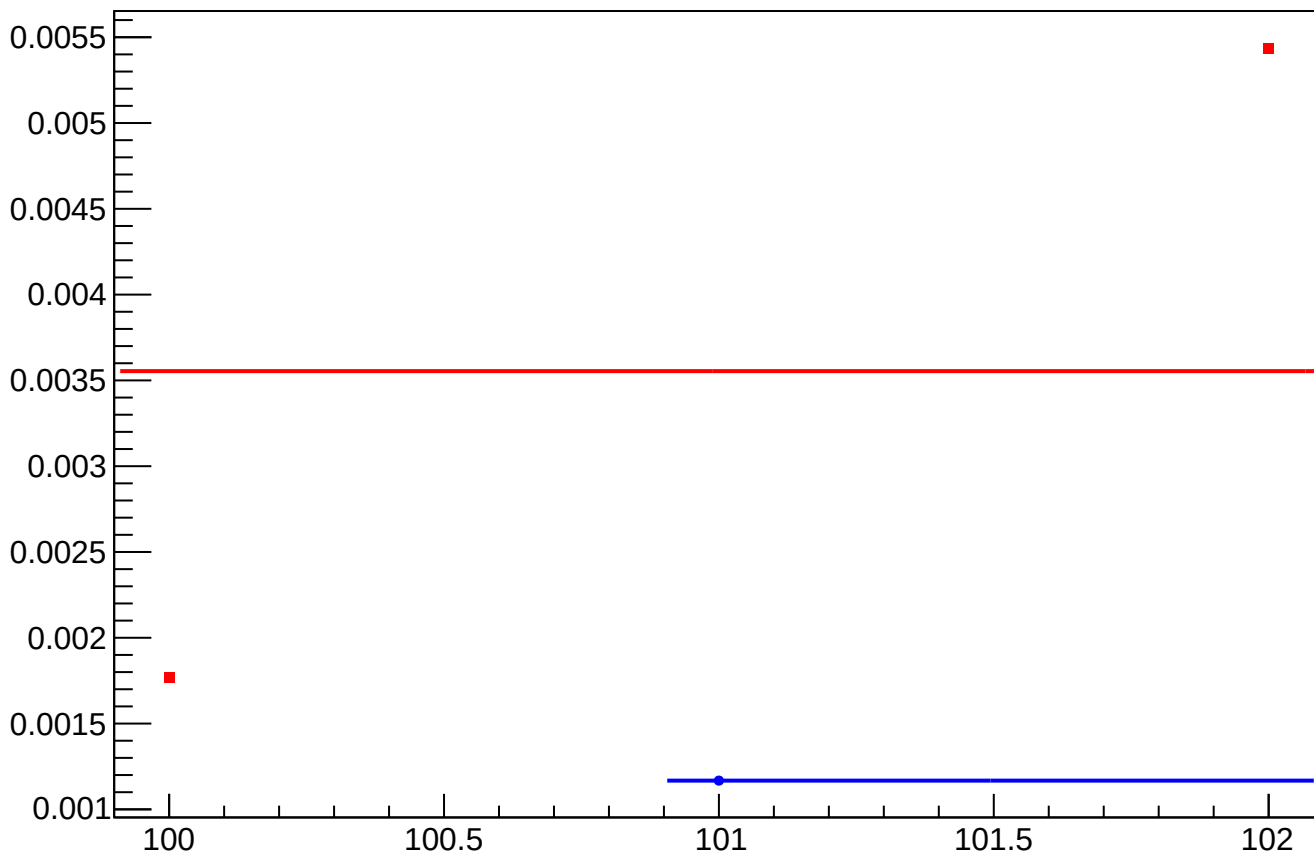
Right: -0.000+/-0.000 χ^2 /NDF: 5.0/2

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: 5.0/2

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 302253.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

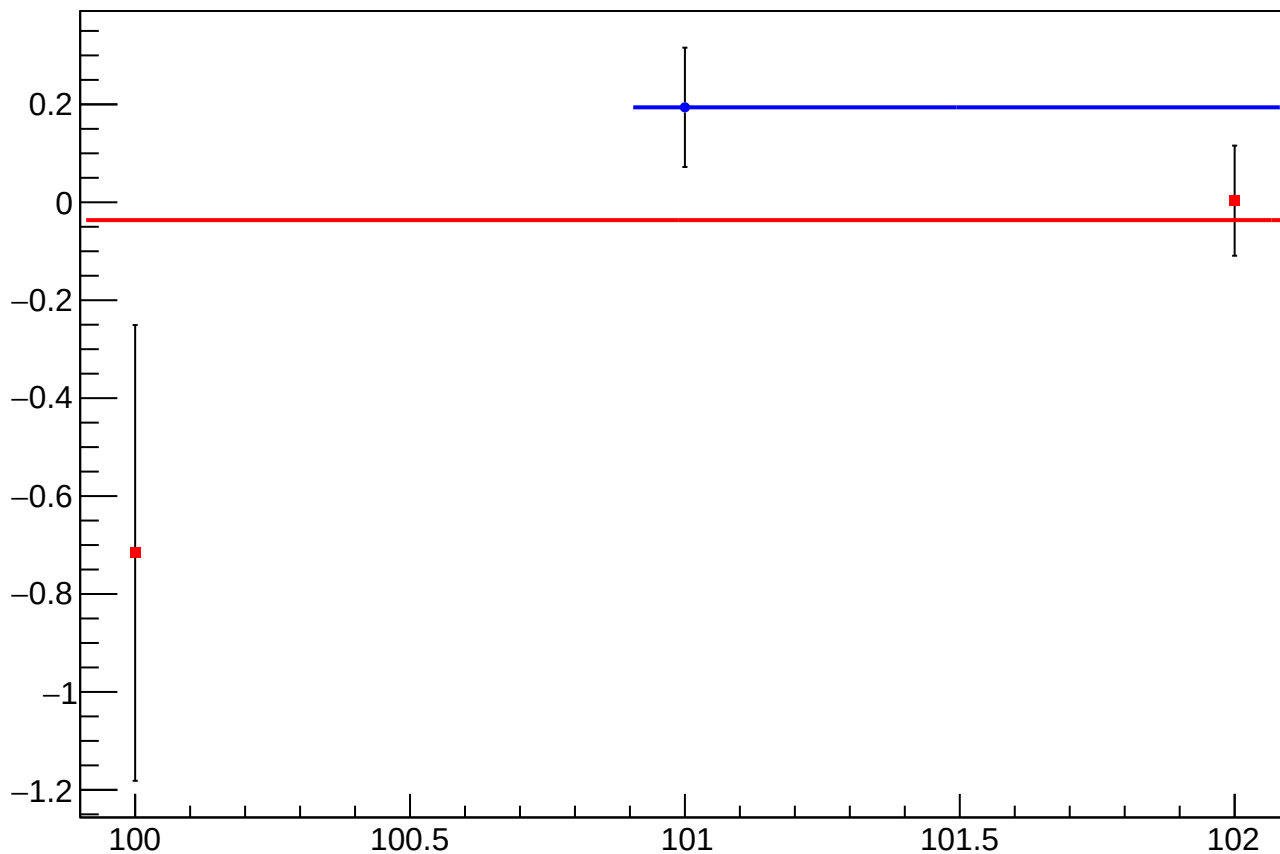
Right: 0.001+/-0.000 χ^2/NDF : 770230.5/2

In: 0.001+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 770230.5/2

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.194+/-0.122 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.036+/-0.109 χ^2/NDF : 2.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

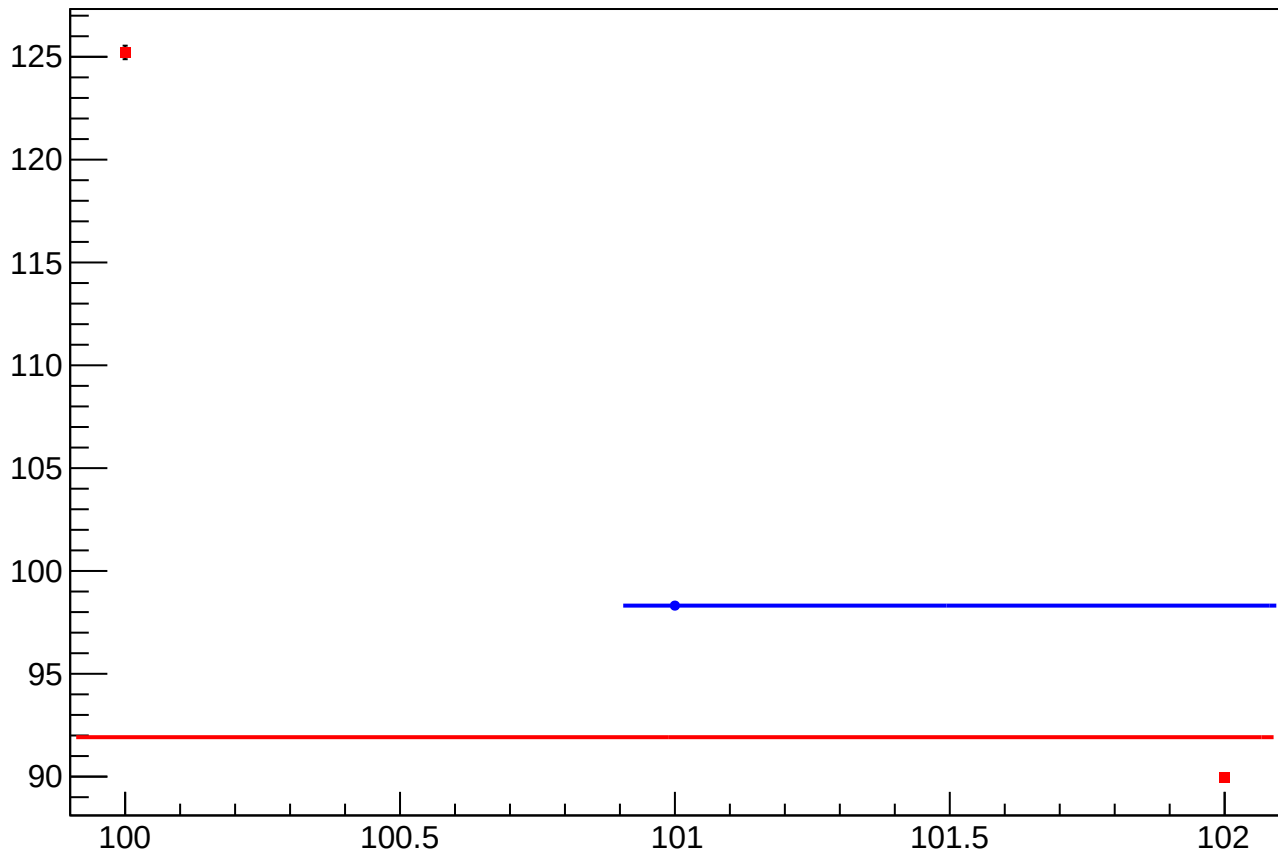
Right: 0.066+/-0.081 χ^2/NDF : 4.2/2

In: 0.194+/-0.122 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.066+/-0.081 χ^2/NDF : 4.2/2

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 98.315 $\pm$ 0.086 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 91.918 $\pm$ 0.077 χ^2 /NDF: 10833.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

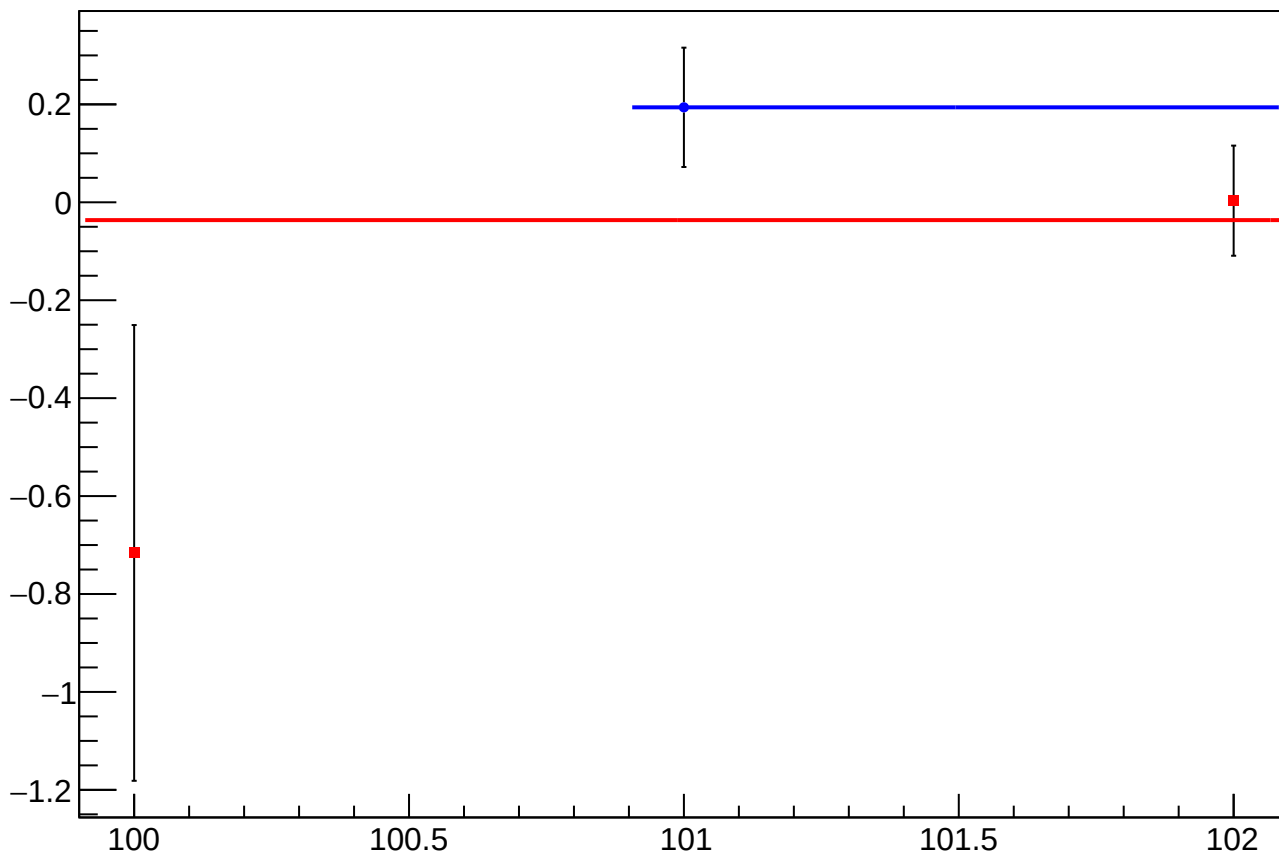
Right: 94.770 $\pm$ 0.058 χ^2 /NDF: 13888.6/2

In: 98.315 $\pm$ 0.086 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 94.770 $\pm$ 0.058 χ^2 /NDF: 13888.6/2

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.194+/-0.122 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.036+/-0.109 χ^2/NDF : 2.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

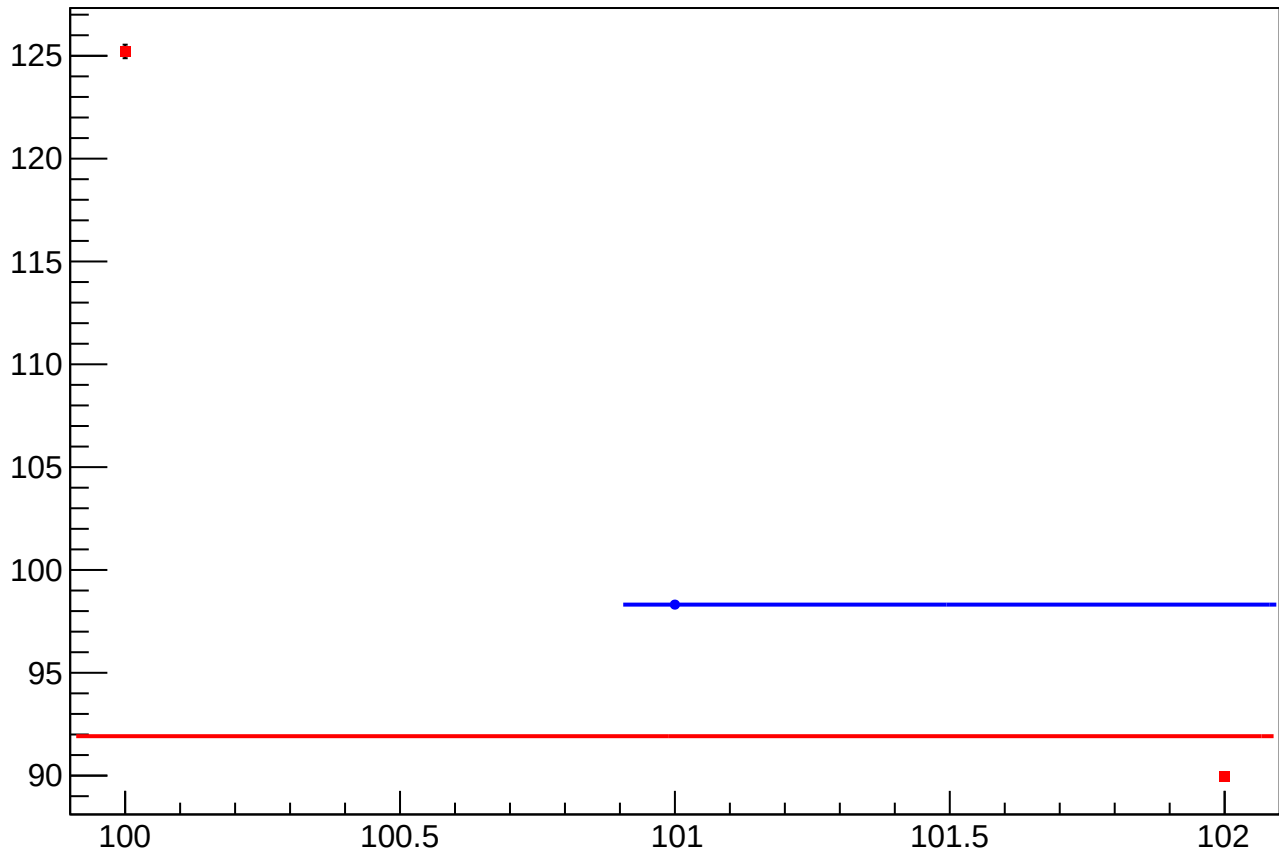
Right: 0.066+/-0.081 χ^2/NDF : 4.2/2

In: 0.194+/-0.122 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.066+/-0.081 χ^2/NDF : 4.2/2

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 98.315 $\pm$ 0.086 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 91.918 $\pm$ 0.077 χ^2 /NDF: 10833.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

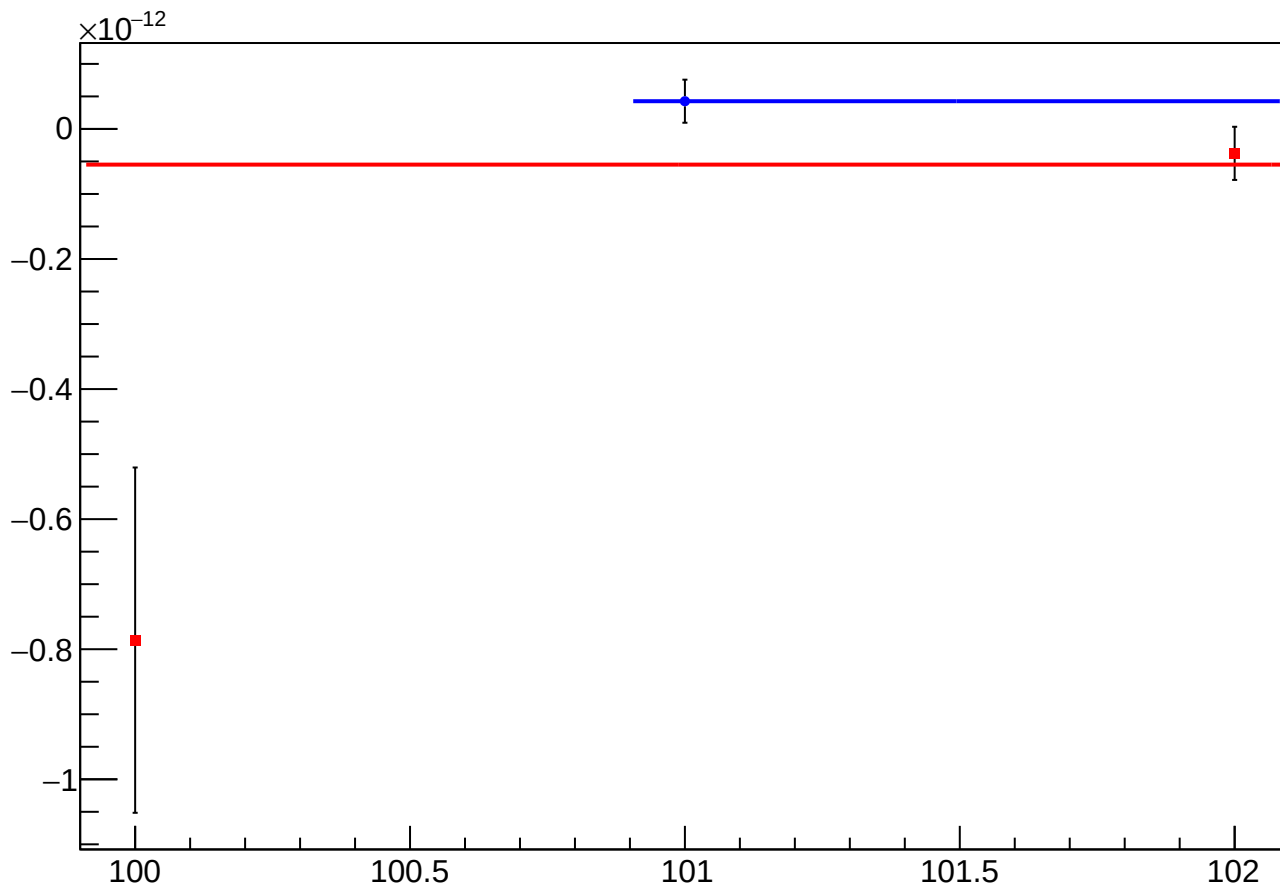
Right: 94.770 $\pm$ 0.058 χ^2 /NDF: 13888.6/2

In: 98.315 $\pm$ 0.086 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 94.770 $\pm$ 0.058 χ^2 /NDF: 13888.6/2

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_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 : 7.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

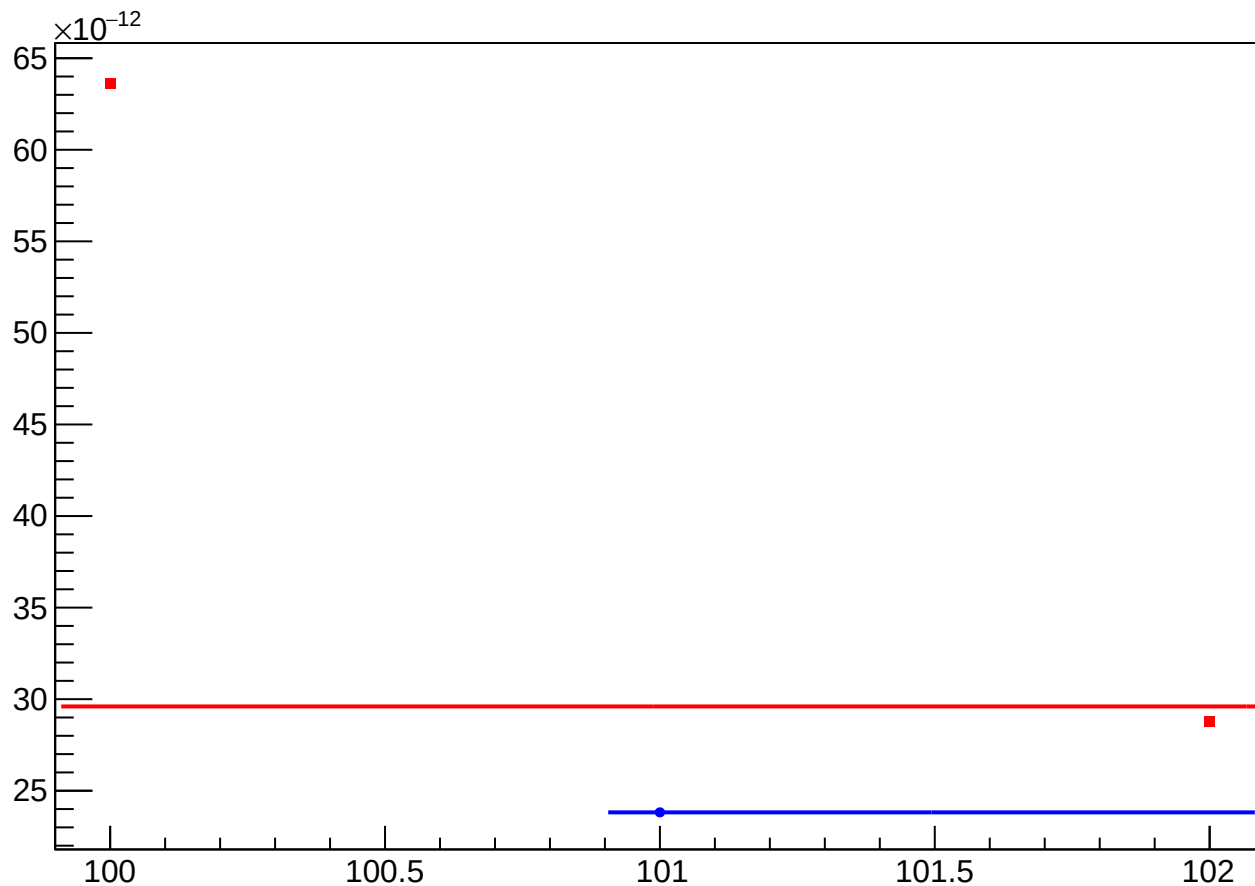
Right: 0.000+/-0.000 χ^2/NDF : 11.3/2

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 : 11.3/2

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_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 : 33656.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

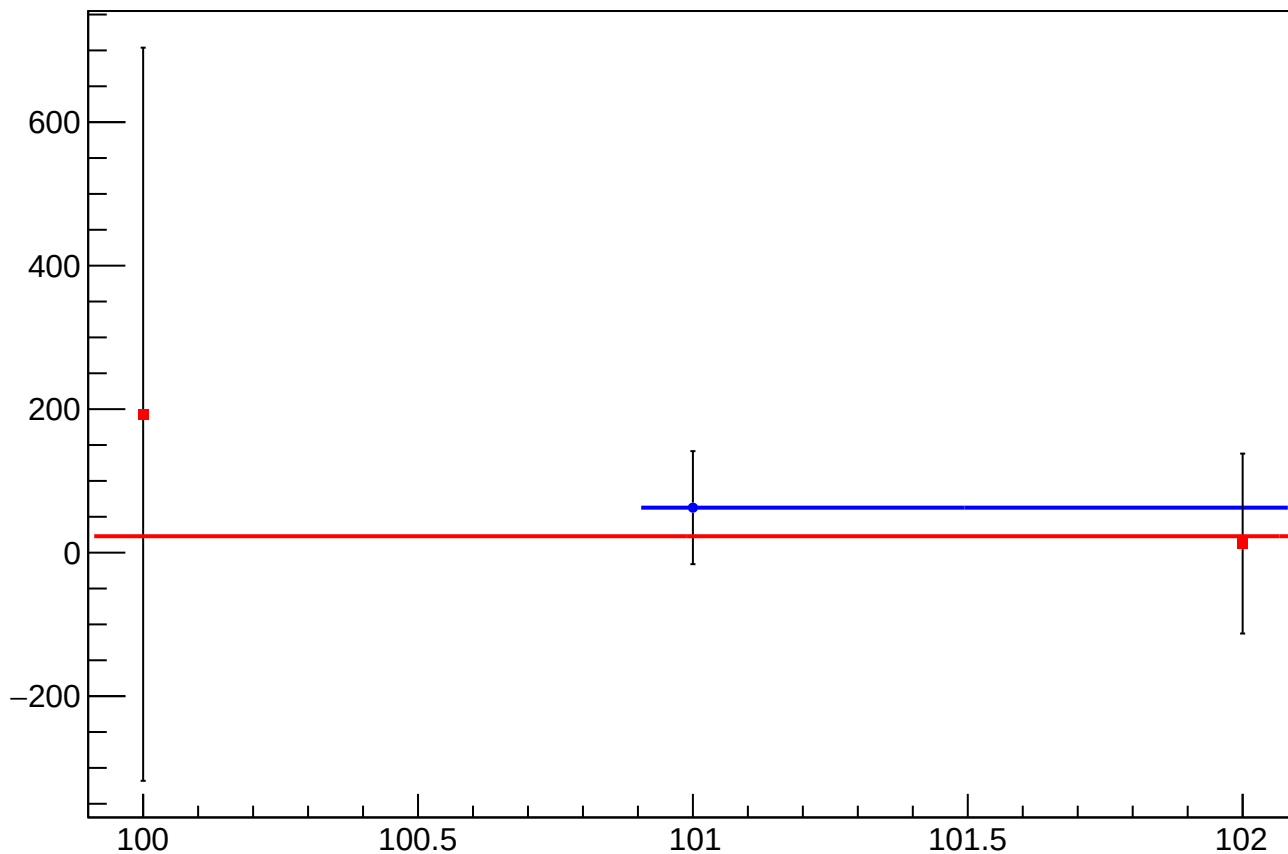
Right: 0.000+/-0.000 χ^2/NDF : 58187.1/2

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 : 58187.1/2

reg_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 62.711+/-78.770 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.896+/-121.760 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

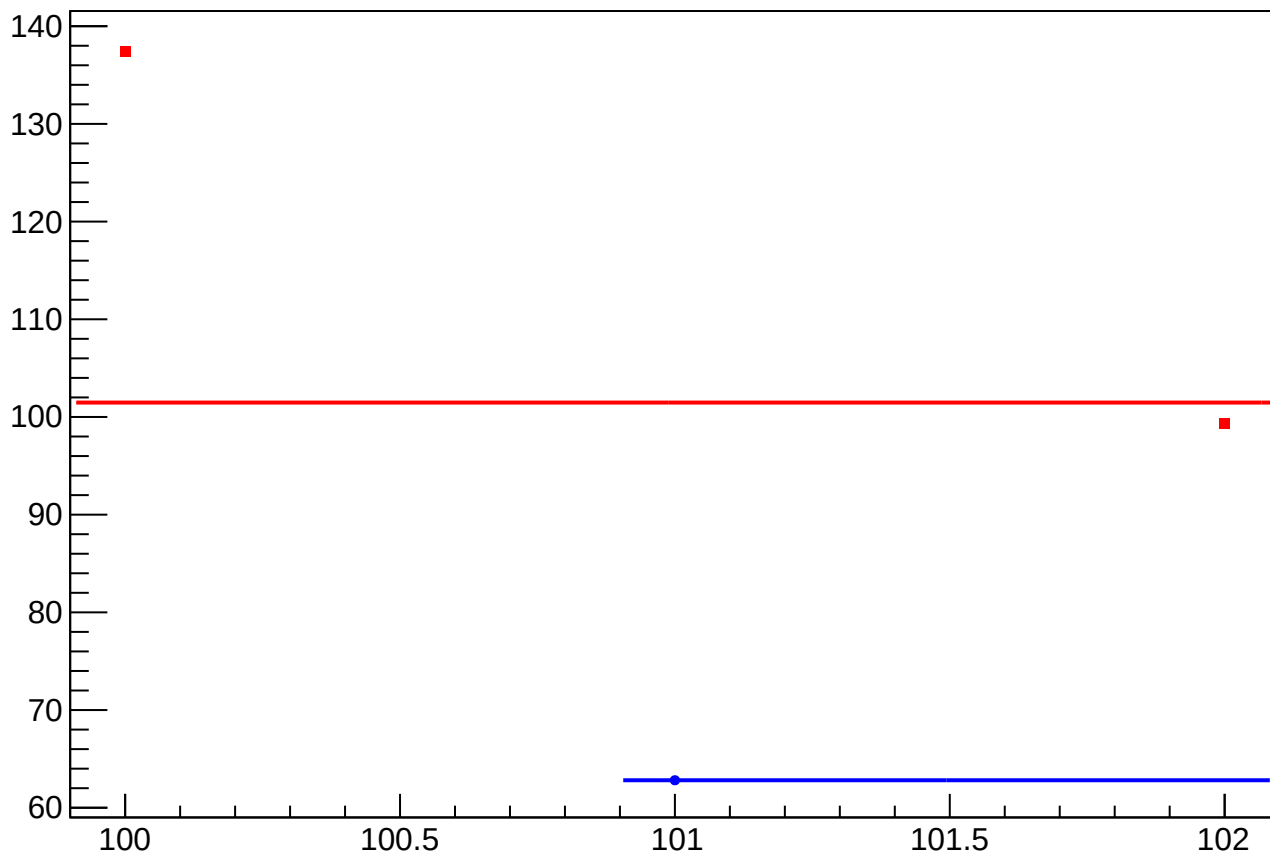
Right: 50.964+/-66.137 χ^2/NDF : 0.2/2

In: 62.711+/-78.770 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.964+/-66.137 χ^2/NDF : 0.2/2

reg_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 62.813+/-0.056 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.475+/-0.086 χ^2/NDF : 10508.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

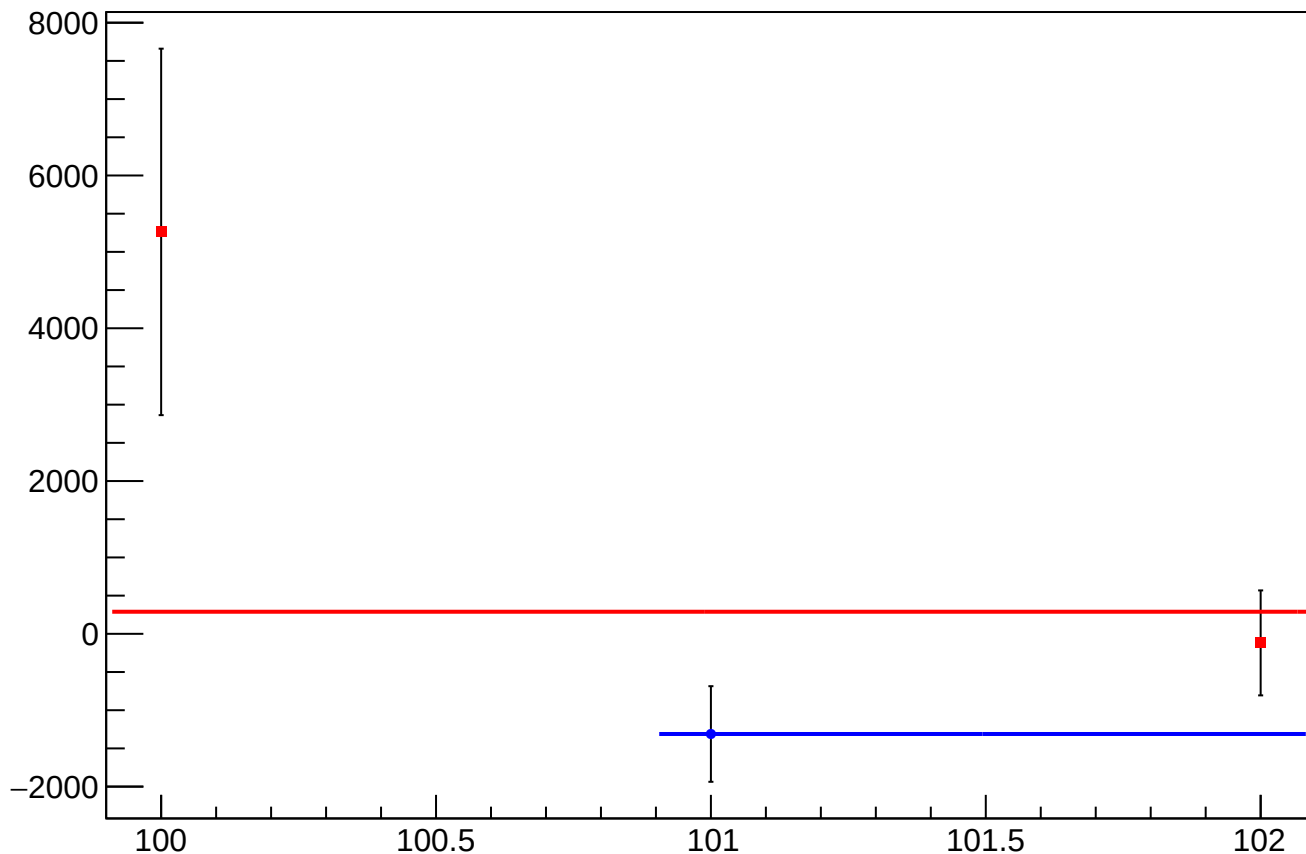
Right: 74.220+/-0.047 χ^2/NDF : 152660.3/2

In: 62.813+/-0.056 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.220+/-0.047 χ^2/NDF : 152660.3/2

asym_sam_1548_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1311.293+/-625.806 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 289.133+/-660.483 χ^2/NDF : 4.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

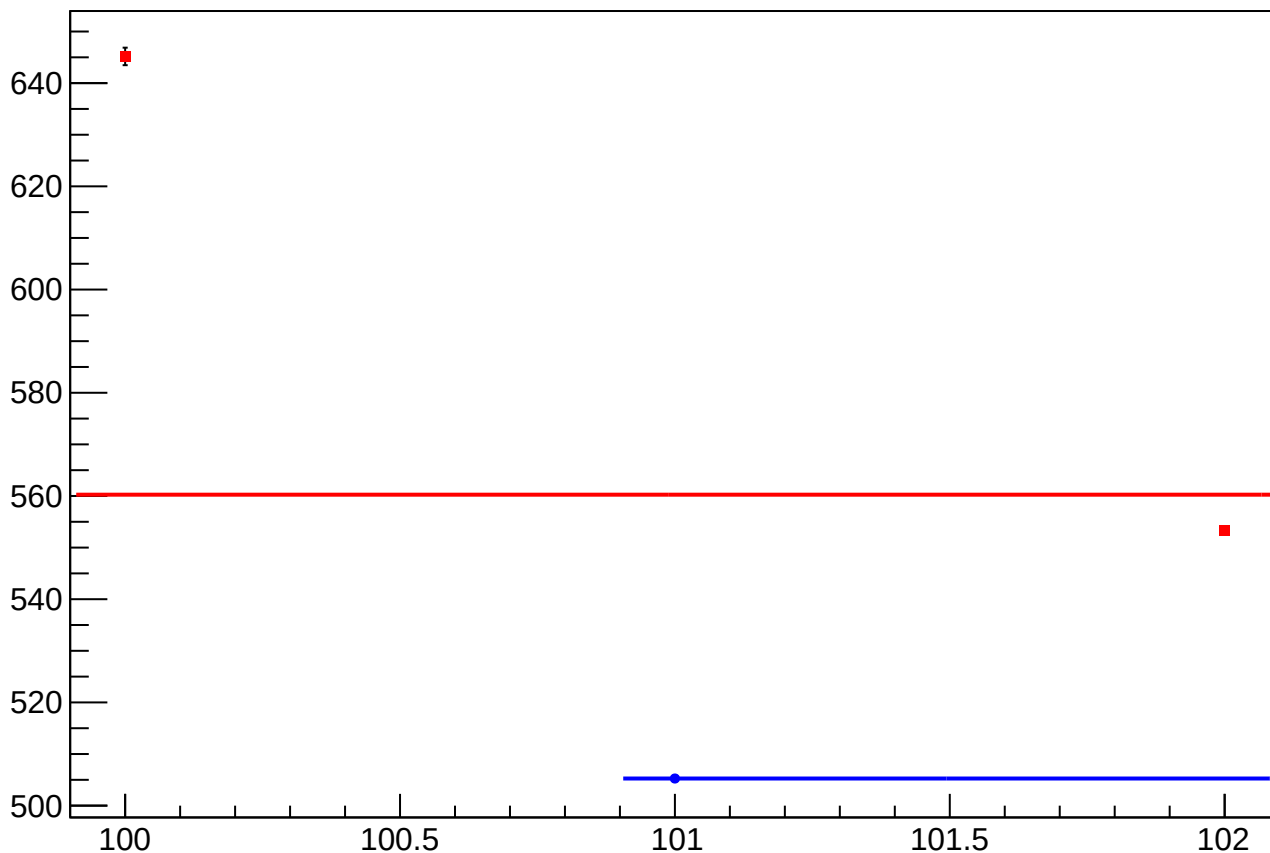
Right: -554.193+/-454.276 χ^2/NDF : 7.7/2

In: -1311.293+/-625.806 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -554.193+/-454.276 χ^2/NDF : 7.7/2

asym_sam_1548_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 505.254+/-0.443 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 560.252+/-0.467 χ^2/NDF : 2712.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

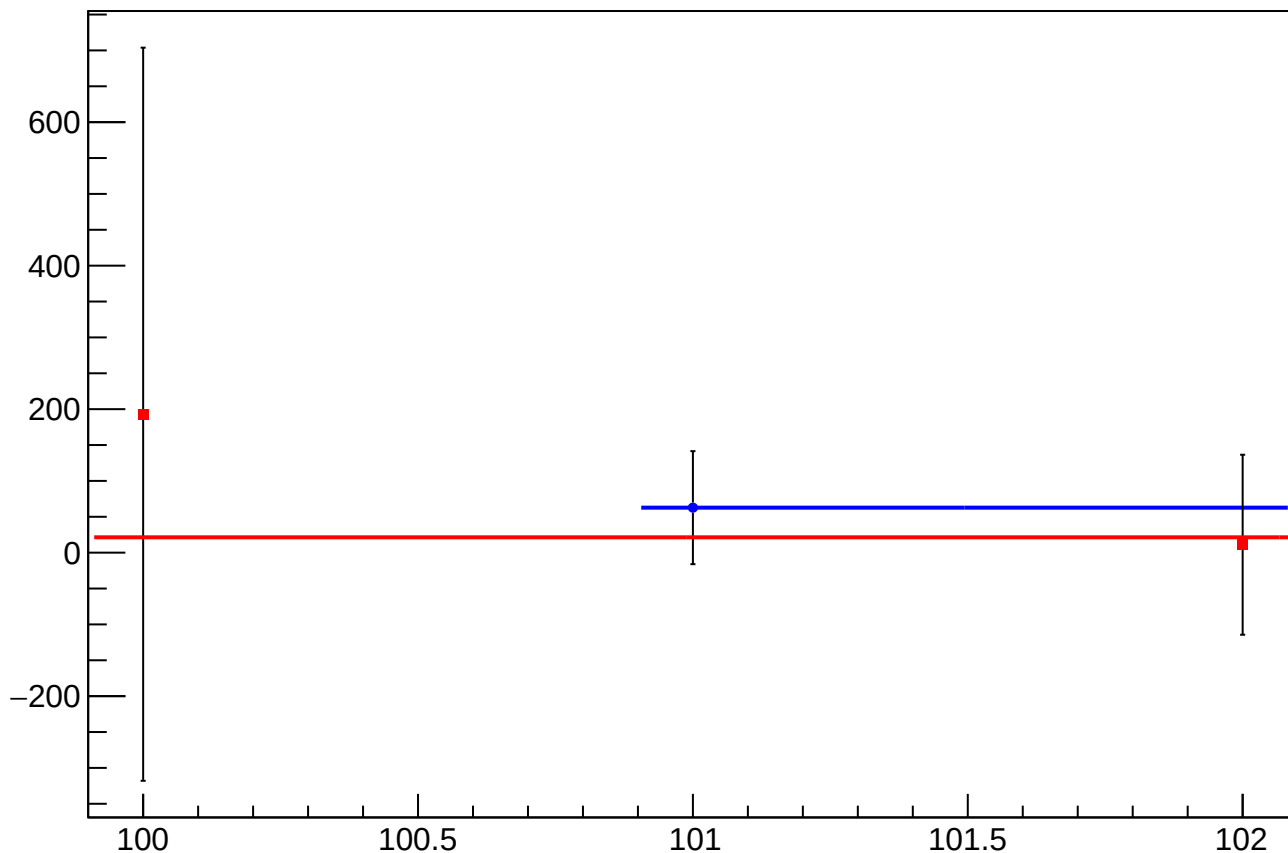
Right: 531.272+/-0.321 χ^2/NDF : 10019.9/2

In: 505.254+/-0.443 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 531.272+/-0.321 χ^2/NDF : 10019.9/2

cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 62.708+/-78.770 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.381+/-121.819 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

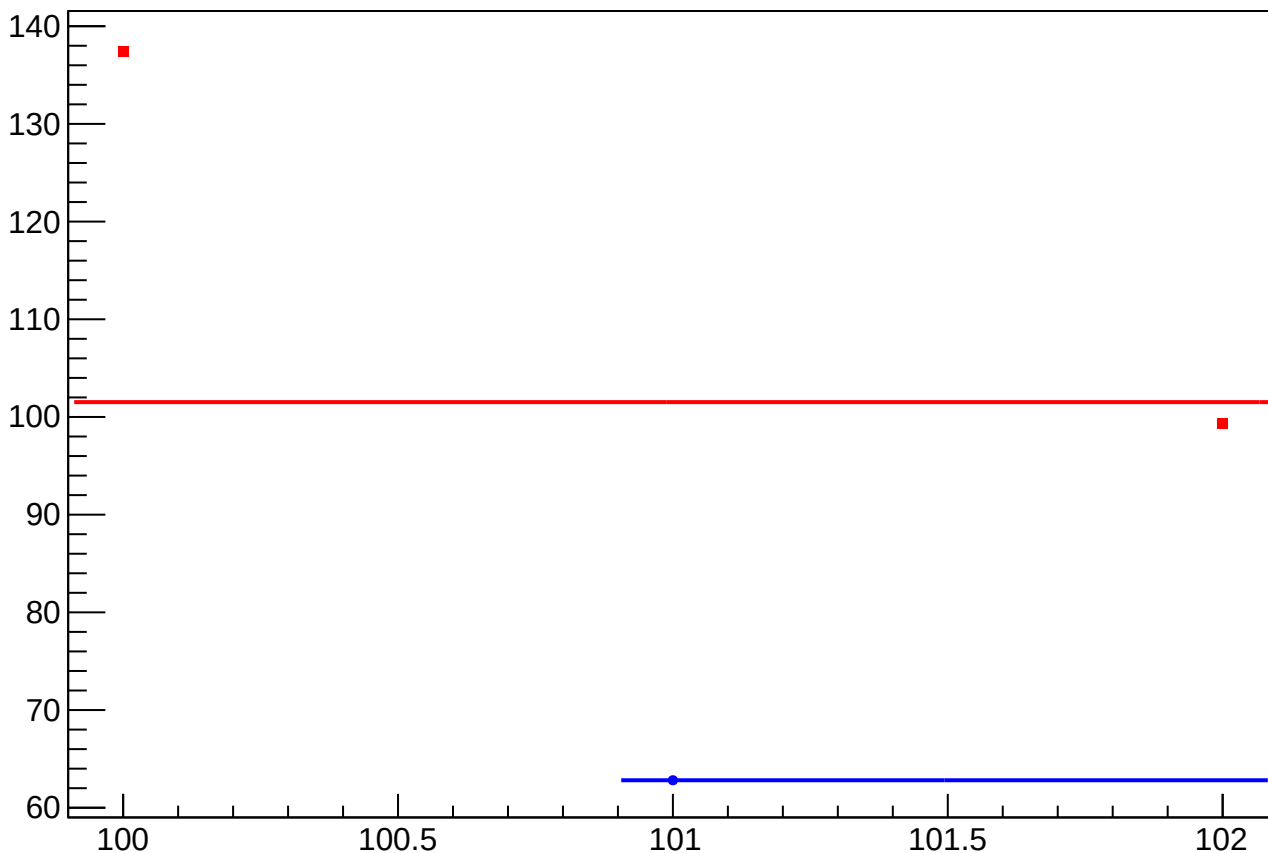
Right: 50.524+/-66.146 χ^2/NDF : 0.2/2

In: 62.708+/-78.770 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.524+/-66.146 χ^2/NDF : 0.2/2

cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 62.813+/-0.056 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.520+/-0.086 χ^2/NDF : 10483.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

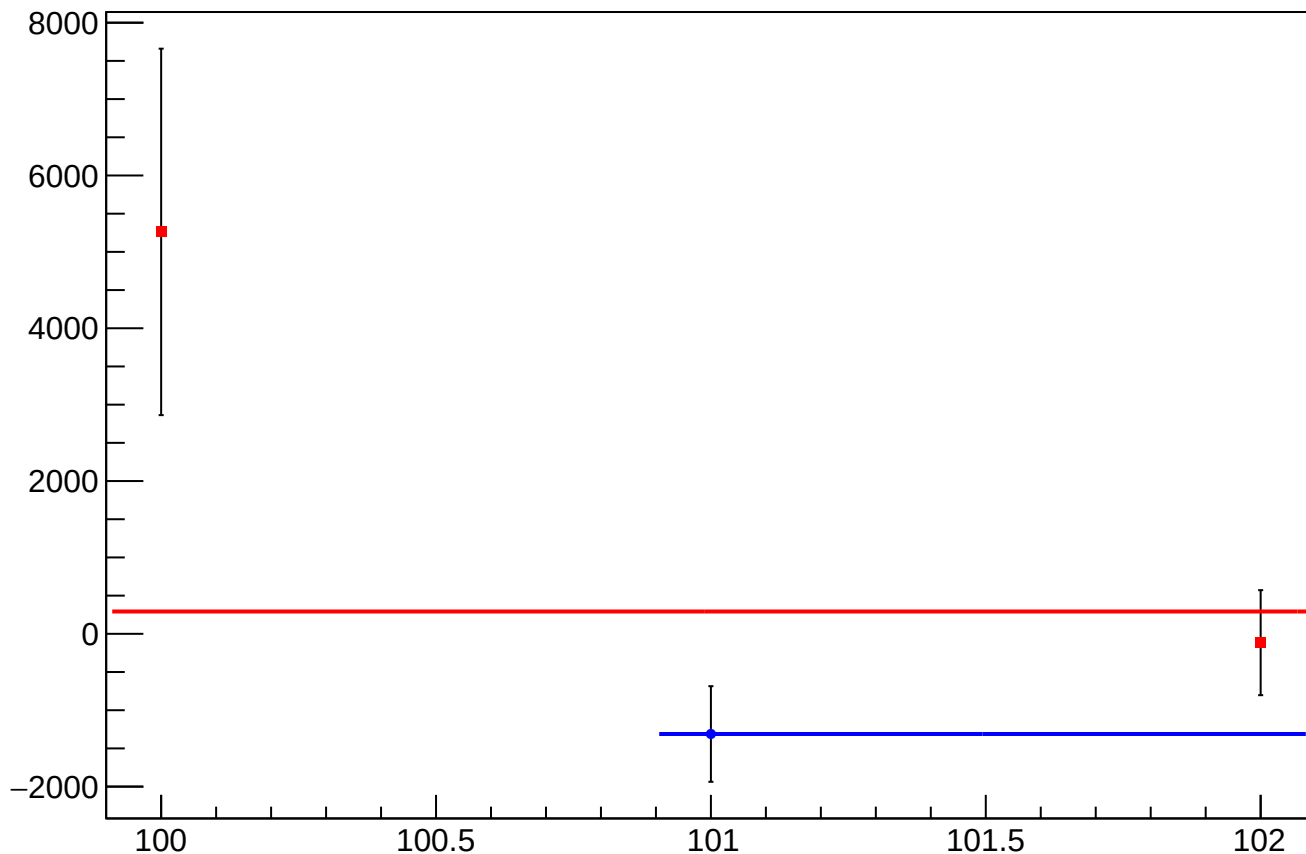
Right: 74.226+/-0.047 χ^2/NDF : 152868.1/2

In: 62.813+/-0.056 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.226+/-0.047 χ^2/NDF : 152868.1/2

asym_sam_1548_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1311.292+/-625.807 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 292.342+/-660.849 χ^2/NDF : 4.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

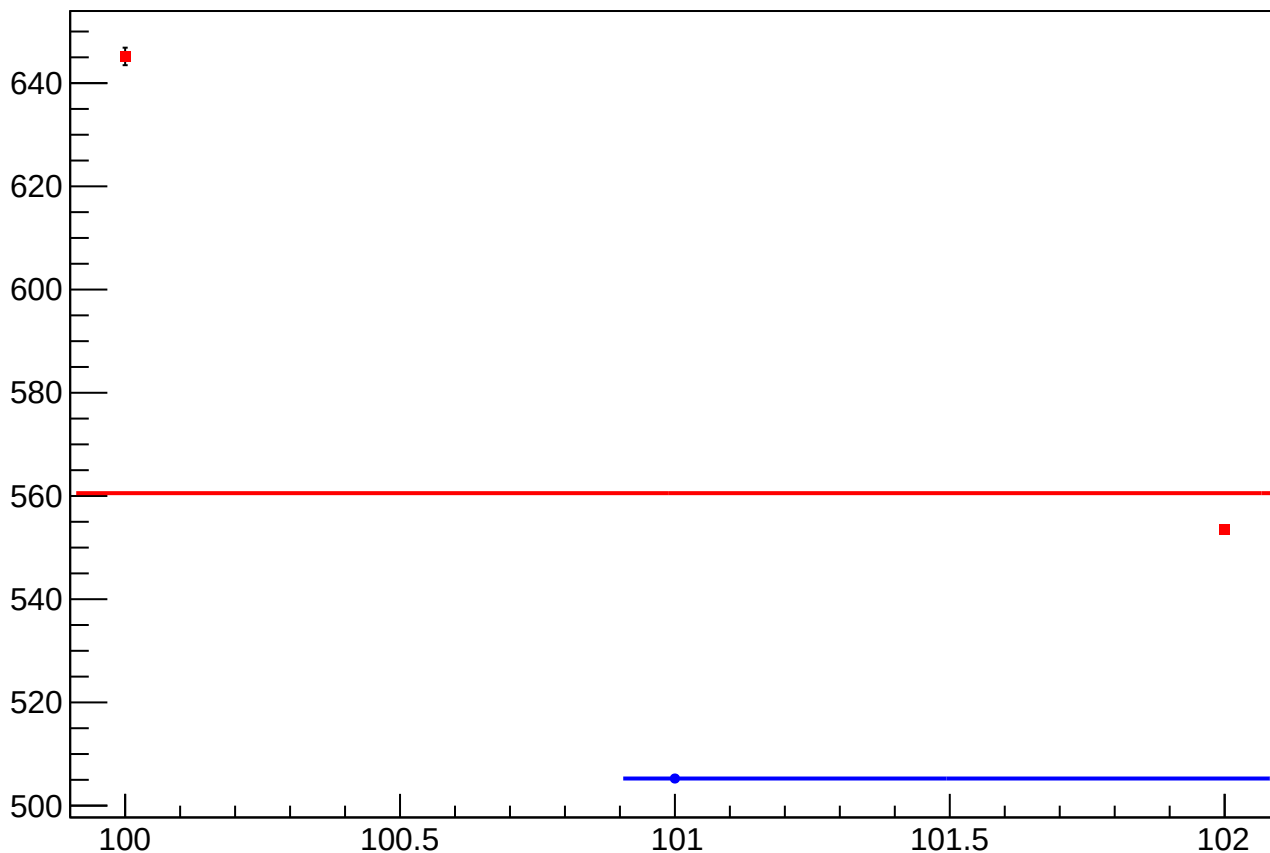
Right: -553.118+/-454.395 χ^2/NDF : 7.7/2

In: -1311.292+/-625.807 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -553.118+/-454.395 χ^2/NDF : 7.7/2

asym_sam_1548_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 505.254+/-0.443 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 560.548+/-0.467 χ^2/NDF : 2693.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

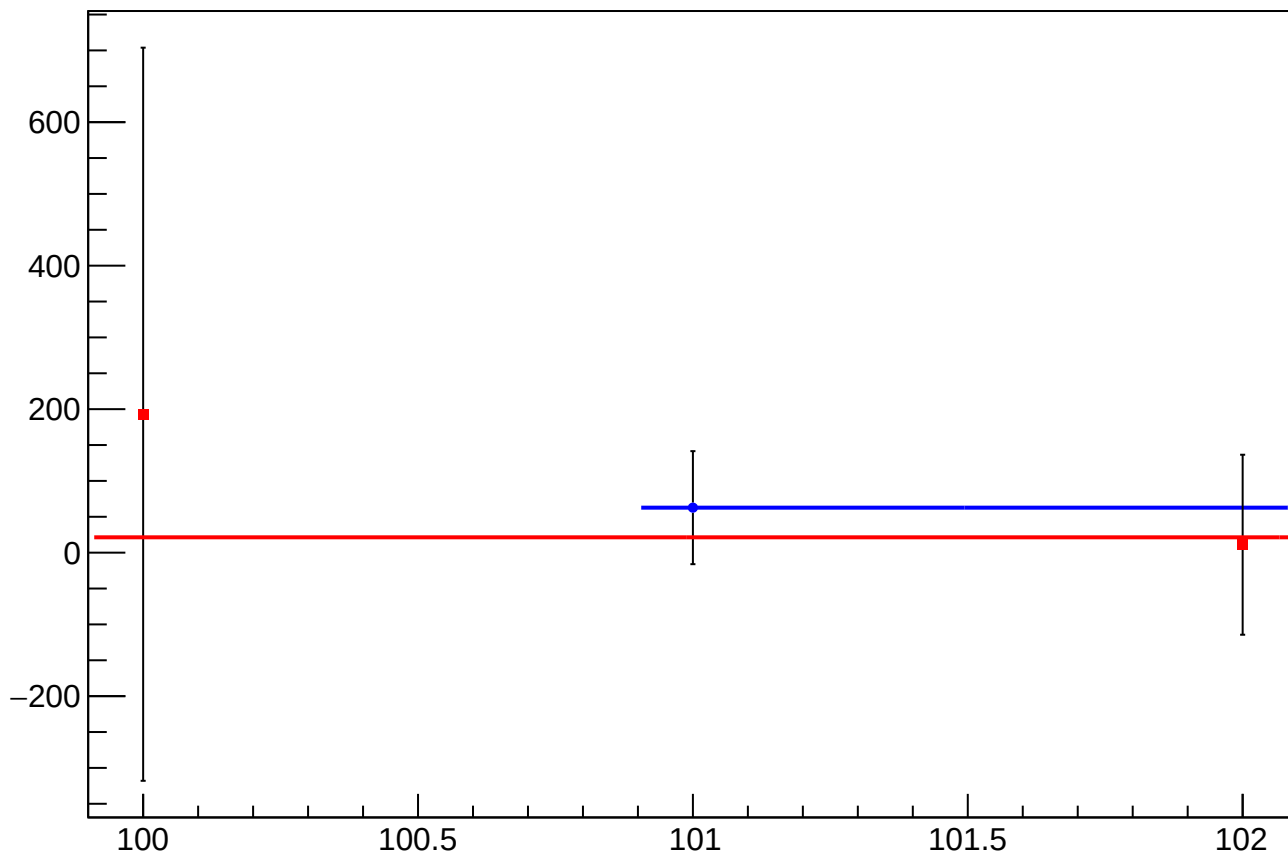
Right: 531.397+/-0.321 χ^2/NDF : 10075.8/2

In: 505.254+/-0.443 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 531.397+/-0.321 χ^2/NDF : 10075.8/2

eigen_cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 62.708+/-78.770 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.381+/-121.819 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

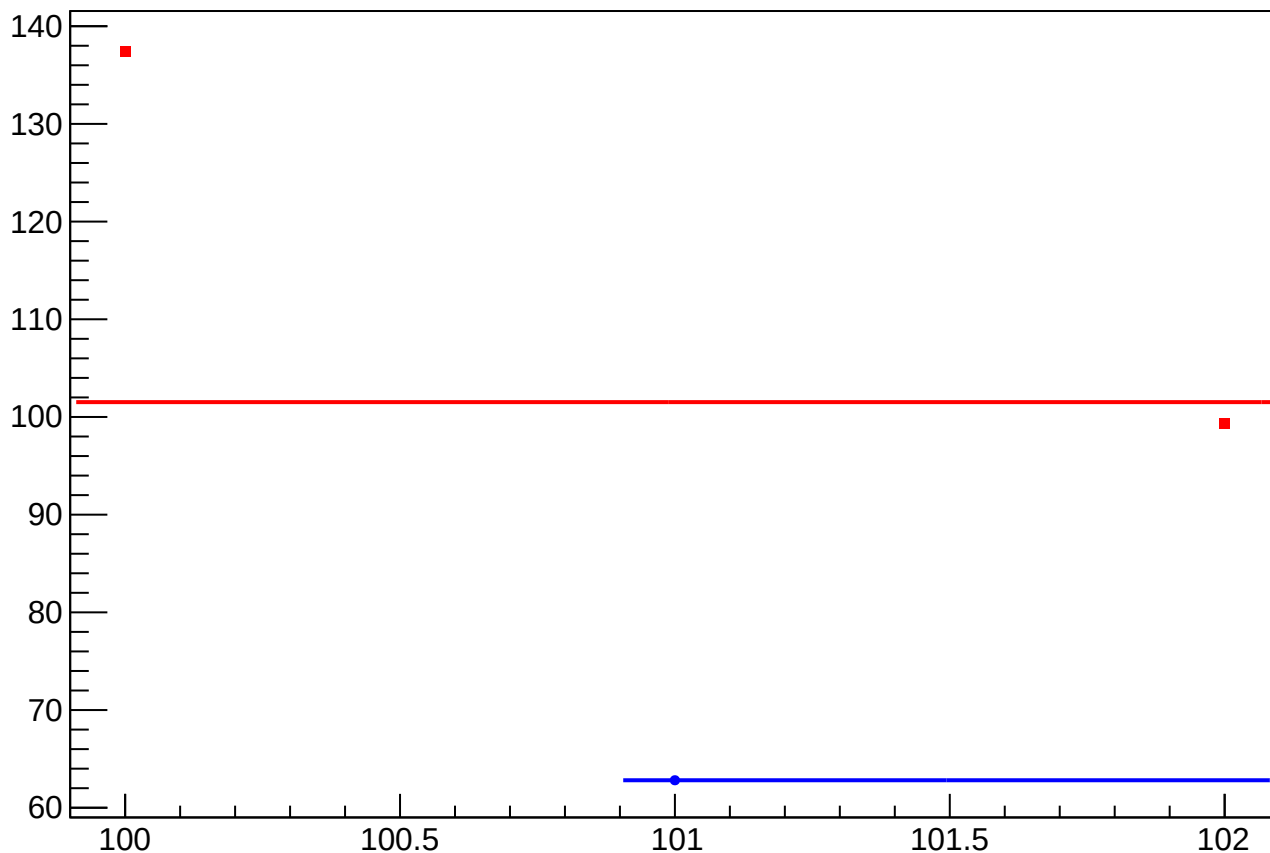
Right: 50.524+/-66.146 χ^2/NDF : 0.2/2

In: 62.708+/-78.770 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.524+/-66.146 χ^2/NDF : 0.2/2

eigen_cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 62.813+/-0.056 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.520+/-0.086 χ^2/NDF : 10483.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

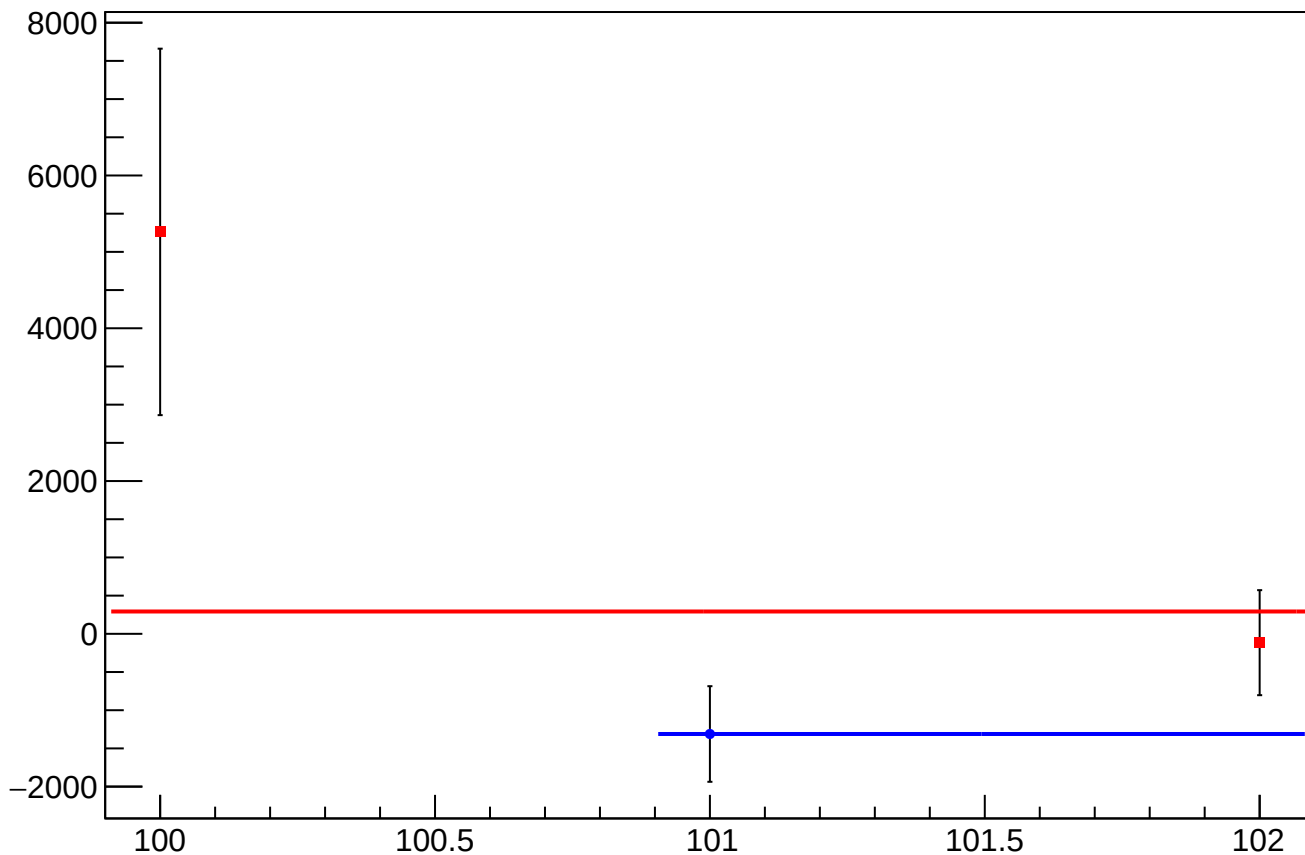
Right: 74.226+/-0.047 χ^2/NDF : 152868.1/2

In: 62.813+/-0.056 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.226+/-0.047 χ^2/NDF : 152868.1/2

asym_sam_1548_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1311.292+/-625.807 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 292.342+/-660.849 χ^2/NDF : 4.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

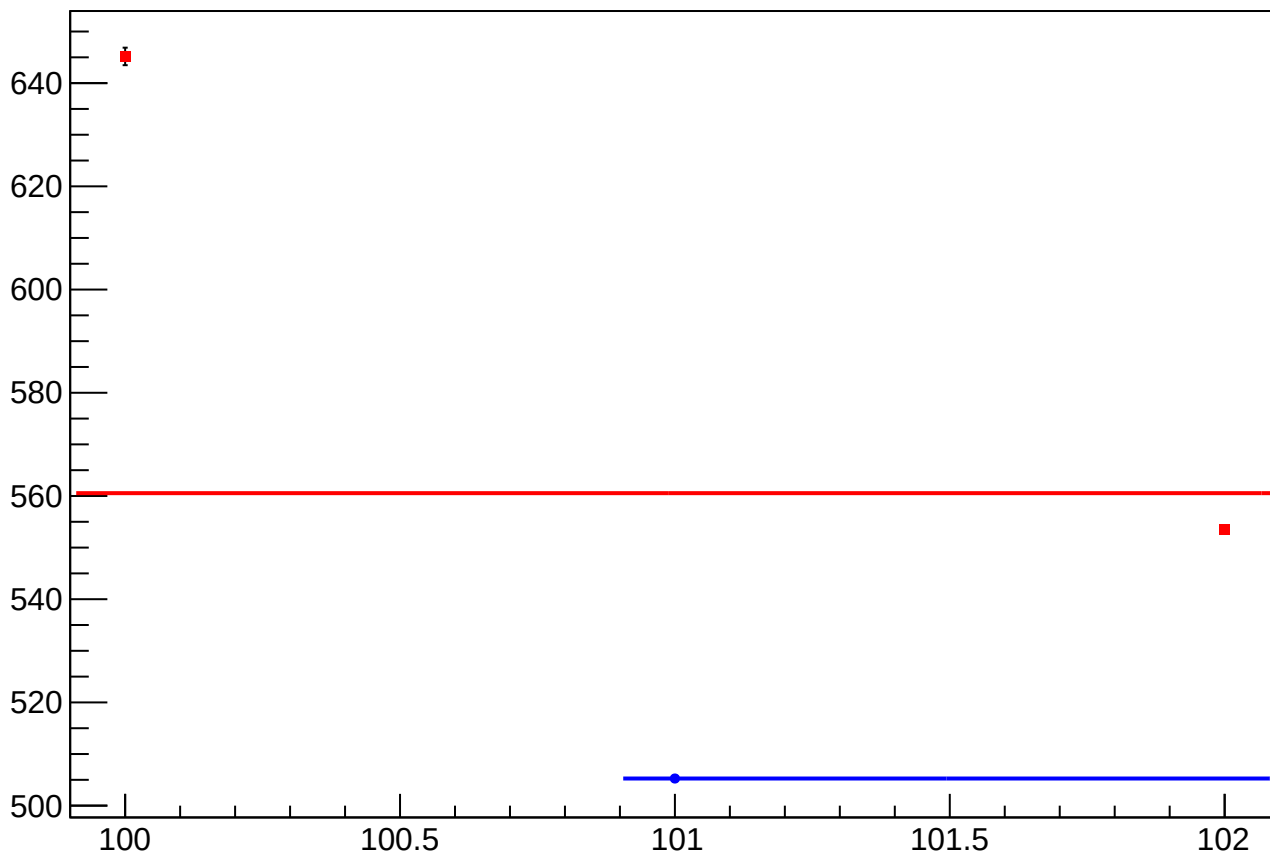
Right: -553.118+/-454.395 χ^2/NDF : 7.7/2

In: -1311.292+/-625.807 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -553.118+/-454.395 χ^2/NDF : 7.7/2

asym_sam_1548_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 505.254+/-0.443 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 560.548+/-0.467 χ^2/NDF : 2693.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

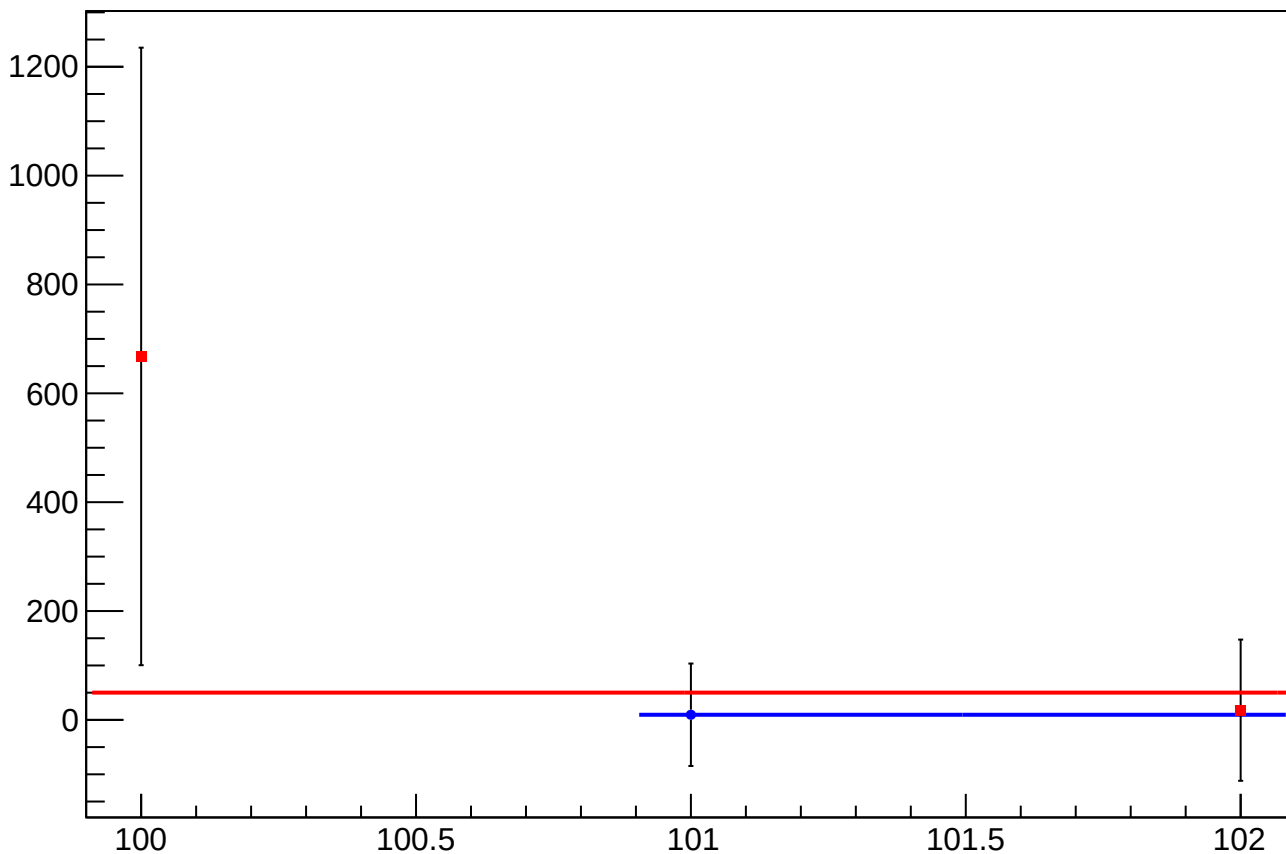
Right: 531.397+/-0.321 χ^2/NDF : 10075.8/2

In: 505.254+/-0.443 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 531.397+/-0.321 χ^2/NDF : 10075.8/2

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 9.420+/-94.116 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.123+/-126.463 χ^2/NDF : 1.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

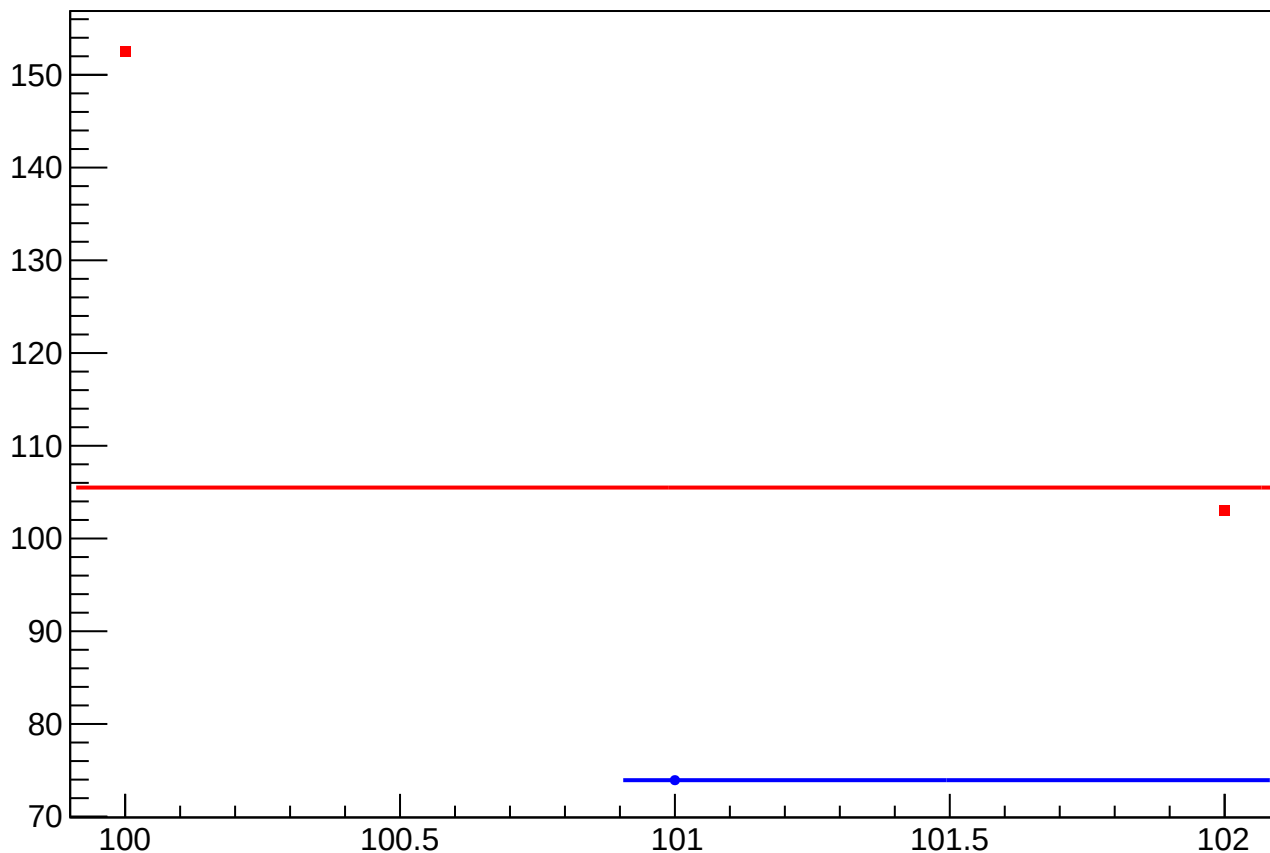
Right: 23.928+/-75.502 χ^2/NDF : 1.3/2

In: 9.420+/-94.116 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.928+/-75.502 χ^2/NDF : 1.3/2

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 73.939 $\pm$ 0.067 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 105.494 $\pm$ 0.089 χ^2 /NDF: 14466.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

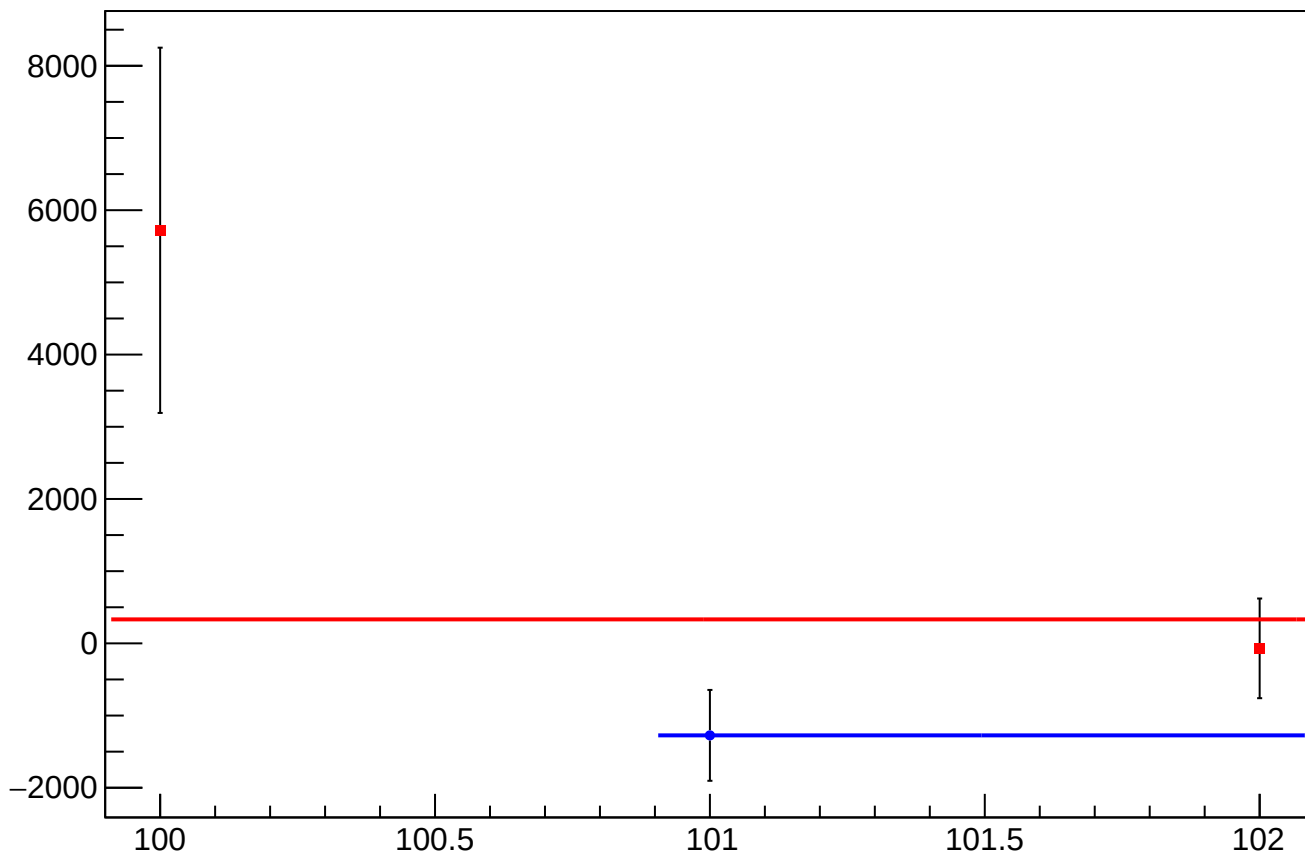
Right: 85.187 $\pm$ 0.053 χ^2 /NDF: 94604.2/2

In: 73.939 $\pm$ 0.067 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 85.187 $\pm$ 0.053 χ^2 /NDF: 94604.2/2

asym_sam_1548_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1274.383+/-629.288 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 332.128+/-665.976 χ^2/NDF : 4.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

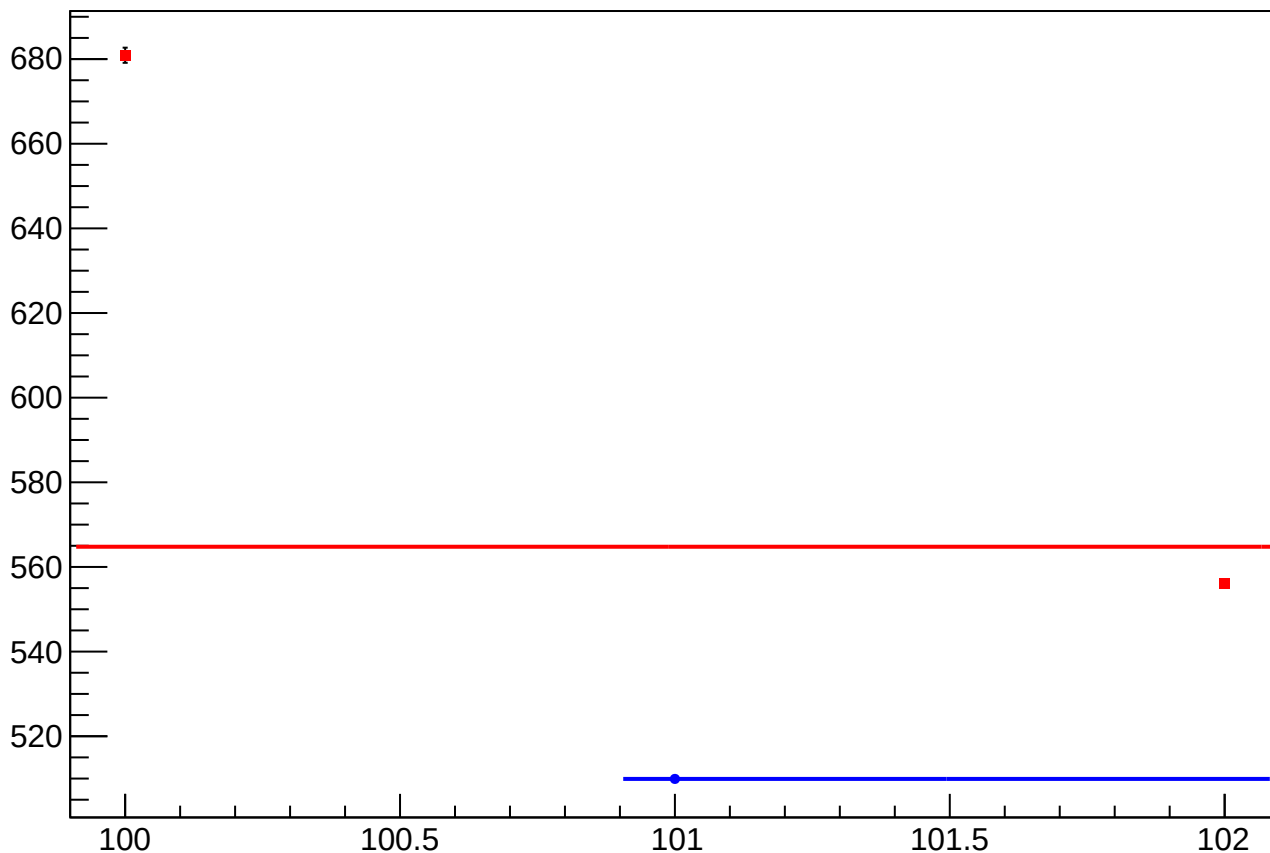
Right: -516.594+/-457.394 χ^2/NDF : 8.0/2

In: -1274.383+/-629.288 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -516.594+/-457.394 χ^2/NDF : 8.0/2

asym_sam_1548_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 509.915 $\pm$ 0.445 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 564.775 $\pm$ 0.471 χ^2 /NDF: 4528.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

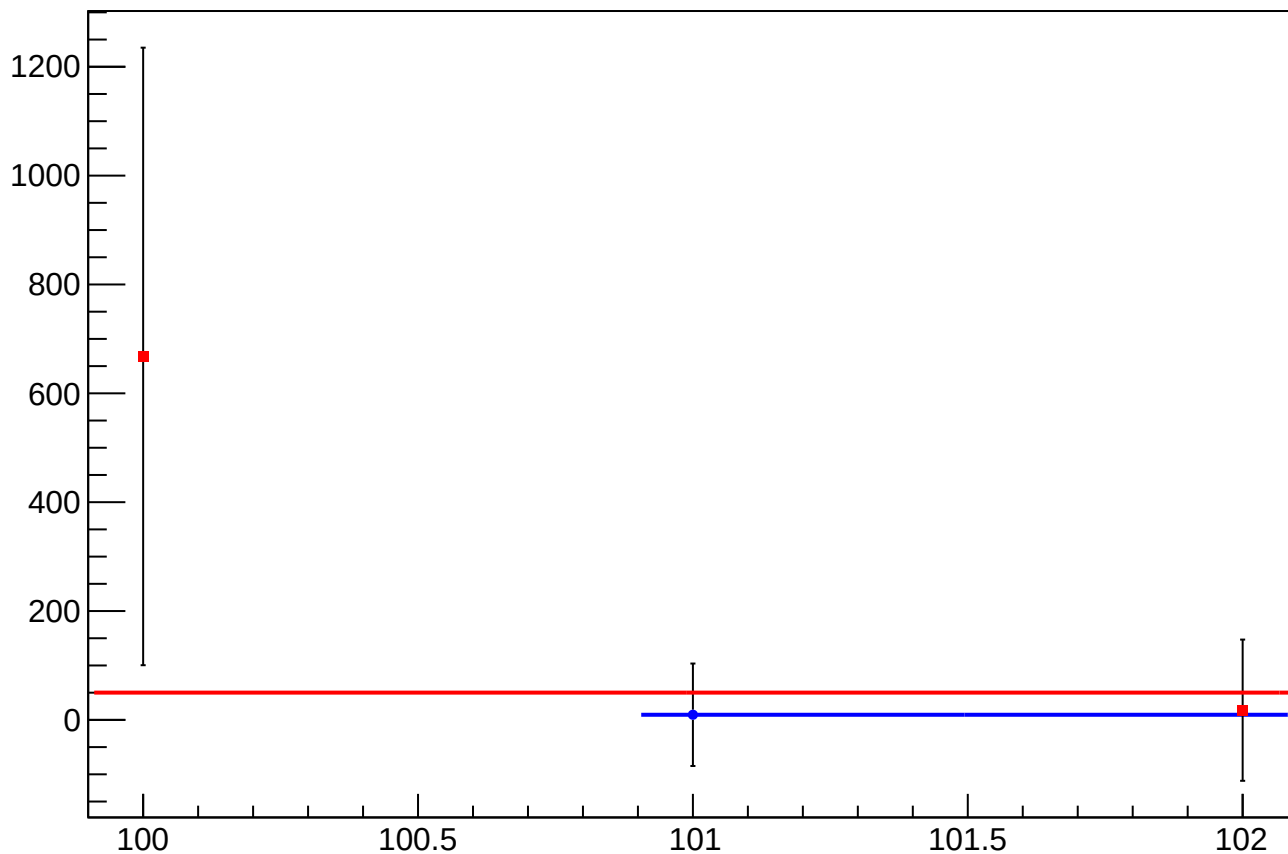
Right: 535.793 $\pm$ 0.323 χ^2 /NDF: 11698.7/2

In: 509.915 $\pm$ 0.445 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 535.793 $\pm$ 0.323 χ^2 /NDF: 11698.7/2

eigen_dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 9.422+/-94.117 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.123+/-126.463 χ^2/NDF : 1.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

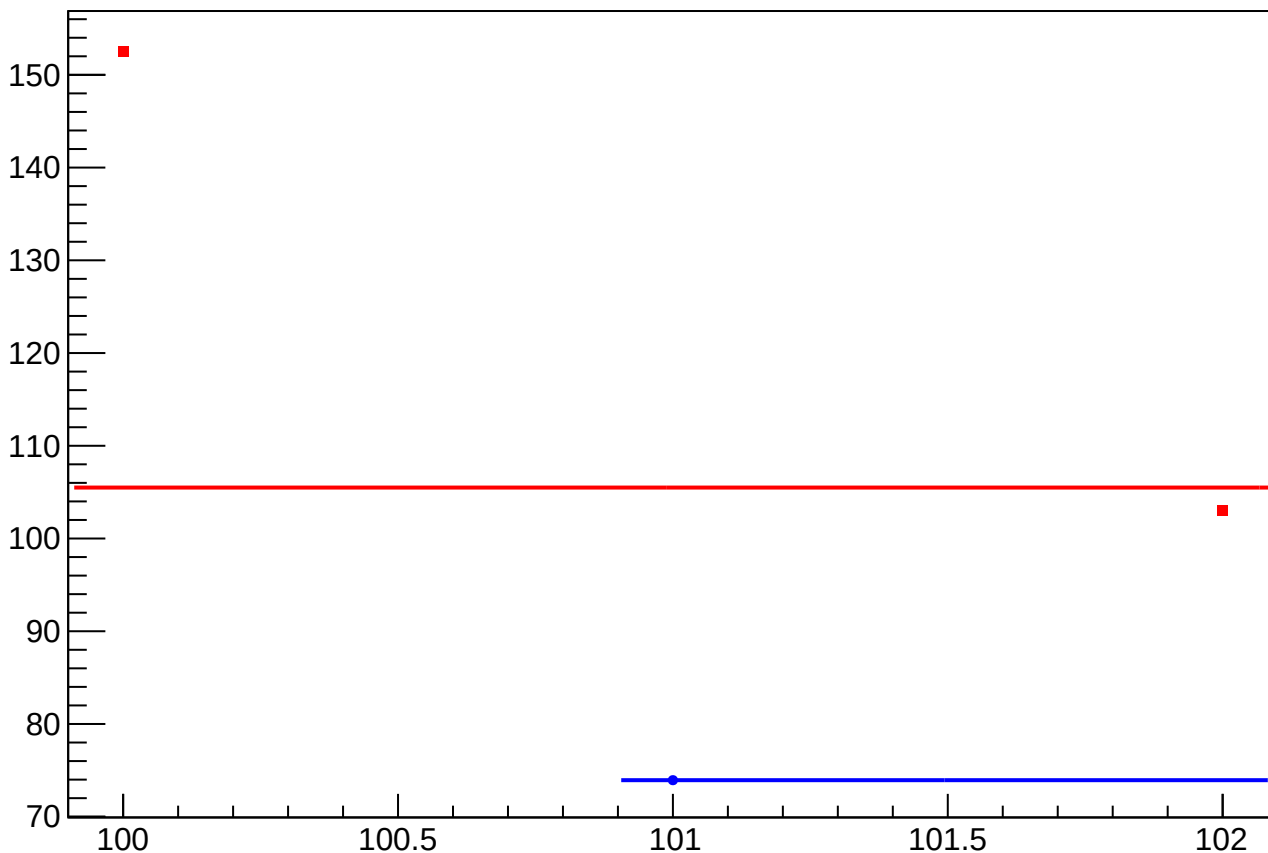
Right: 23.930+/-75.502 χ^2/NDF : 1.3/2

In: 9.422+/-94.117 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.930+/-75.502 χ^2/NDF : 1.3/2

eigen_dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 73.939+/-0.067 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 105.494+/-0.089 χ^2/NDF : 14466.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

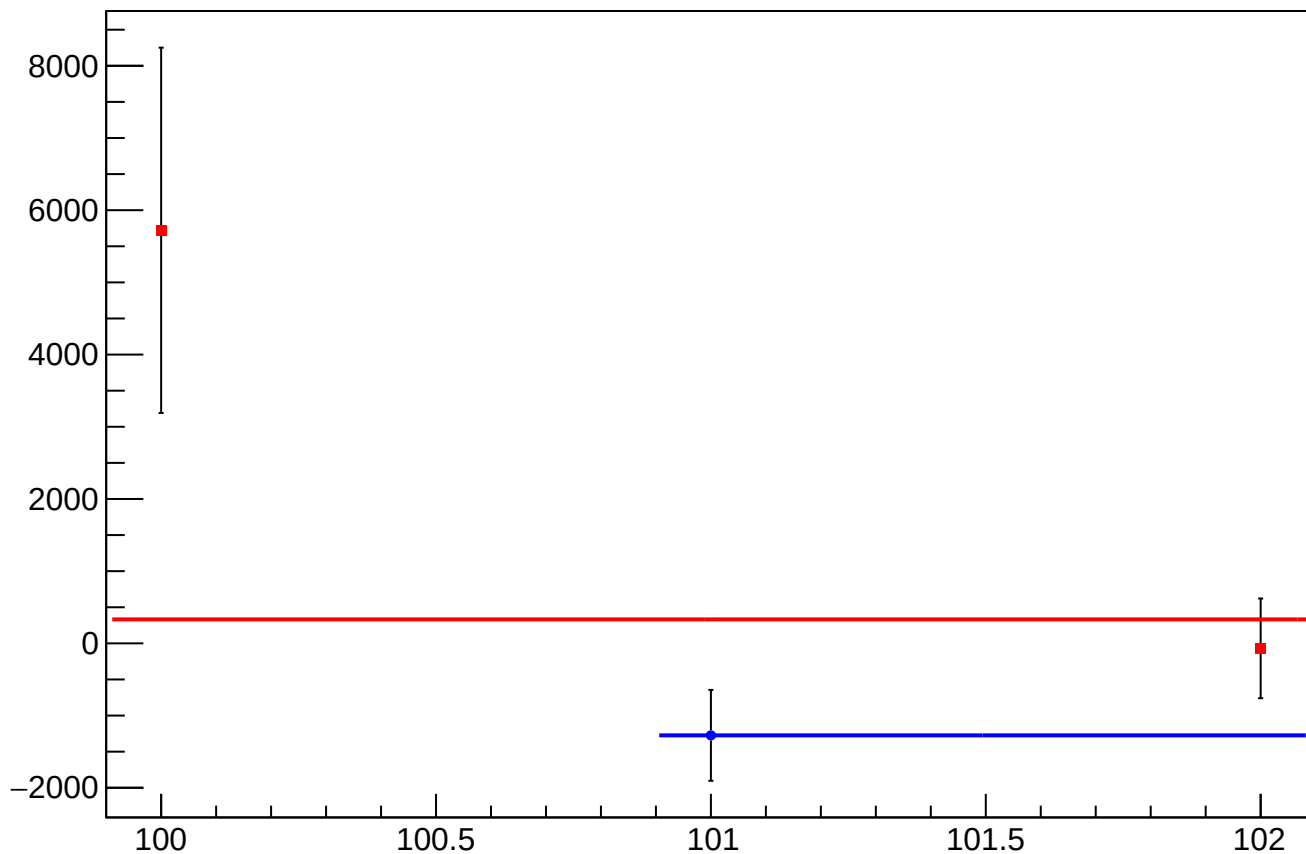
Right: 85.187+/-0.053 χ^2/NDF : 94602.2/2

In: 73.939+/-0.067 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.187+/-0.053 χ^2/NDF : 94602.2/2

asym_sam_1548_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1274.383+/-629.288 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 332.129+/-665.976 χ^2/NDF : 4.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

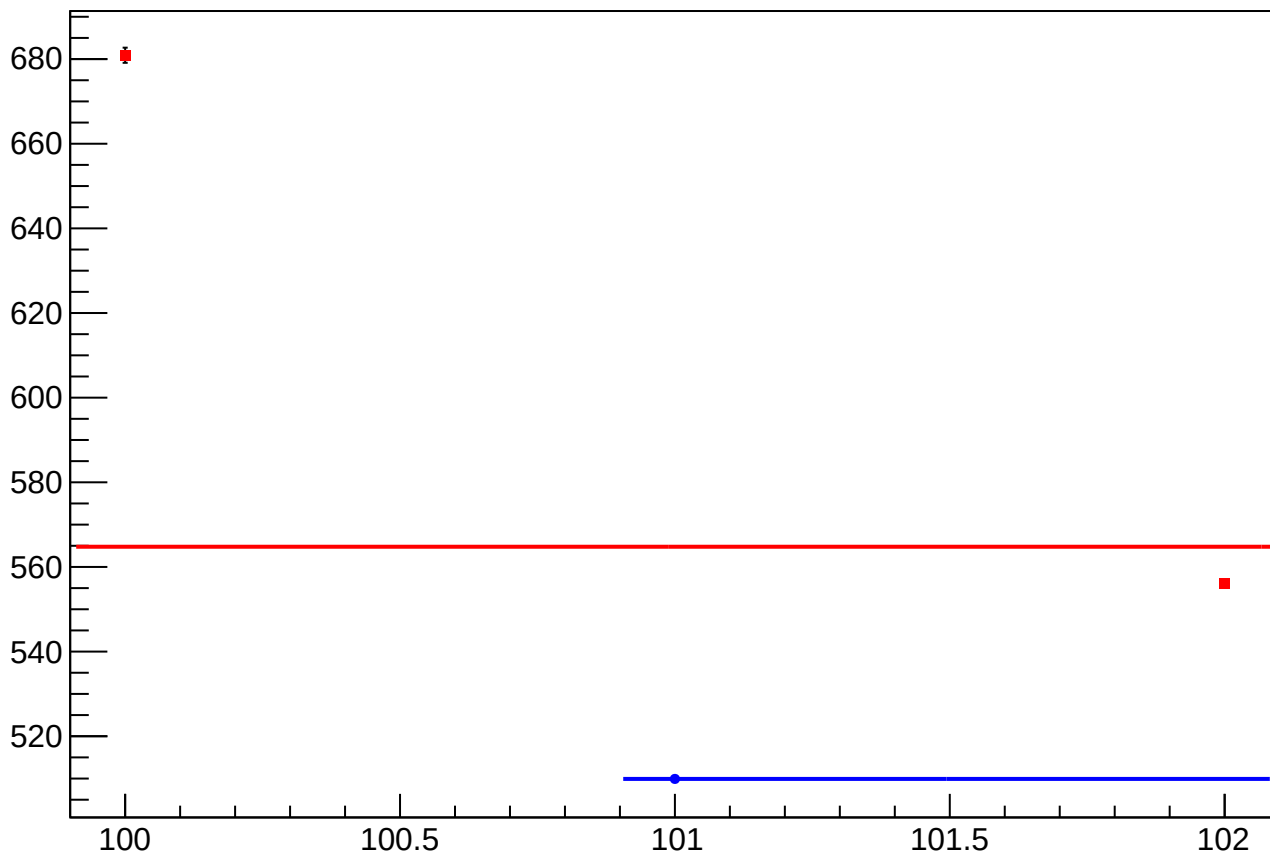
Right: -516.594+/-457.394 χ^2/NDF : 8.0/2

In: -1274.383+/-629.288 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -516.594+/-457.394 χ^2/NDF : 8.0/2

asym_sam_1548_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 509.915 $\pm$ 0.445 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 564.776 $\pm$ 0.471 χ^2 /NDF: 4528.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

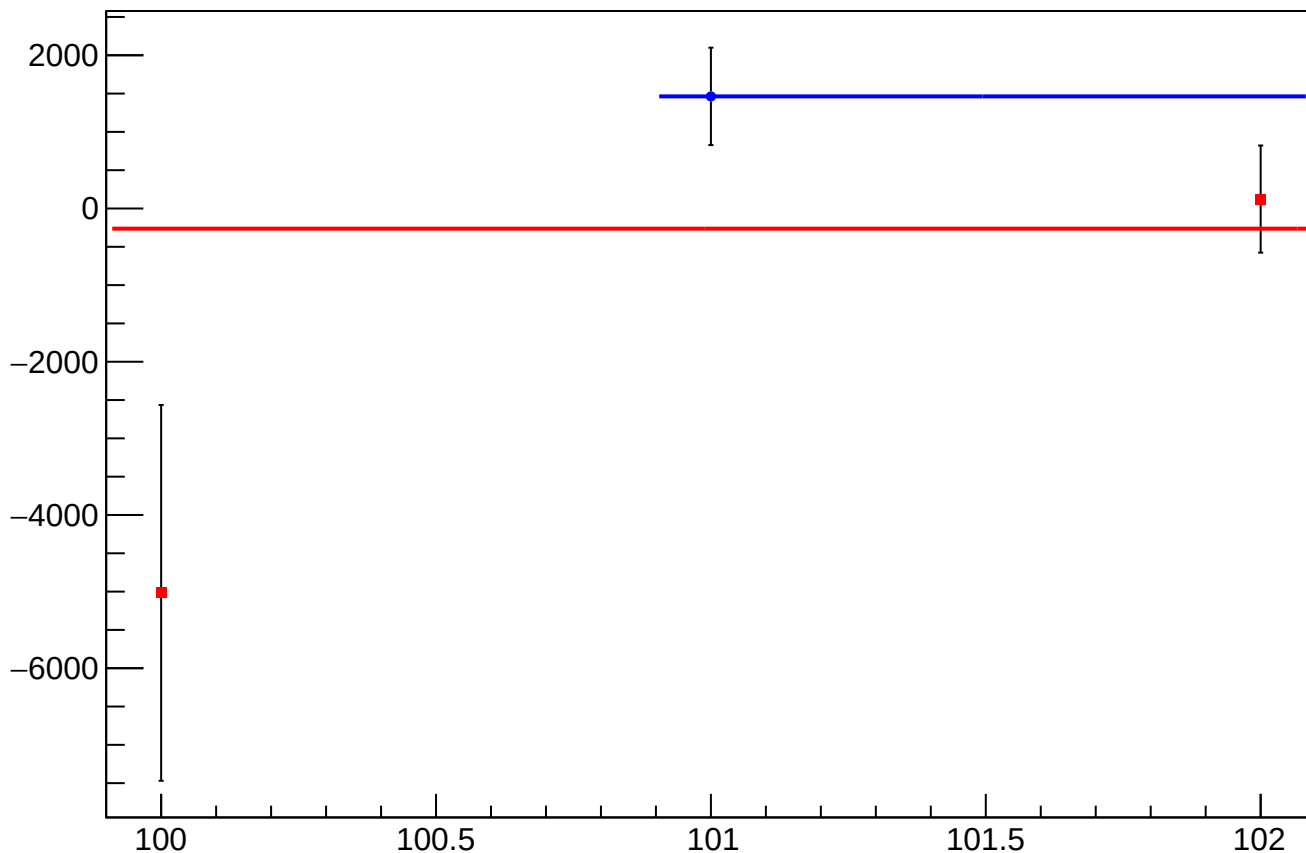
Right: 535.793 $\pm$ 0.323 χ^2 /NDF: 11698.7/2

In: 509.915 $\pm$ 0.445 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 535.793 $\pm$ 0.323 χ^2 /NDF: 11698.7/2

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 1463.287+/-635.757 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -263.239+/-672.414 χ^2/NDF : 4.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

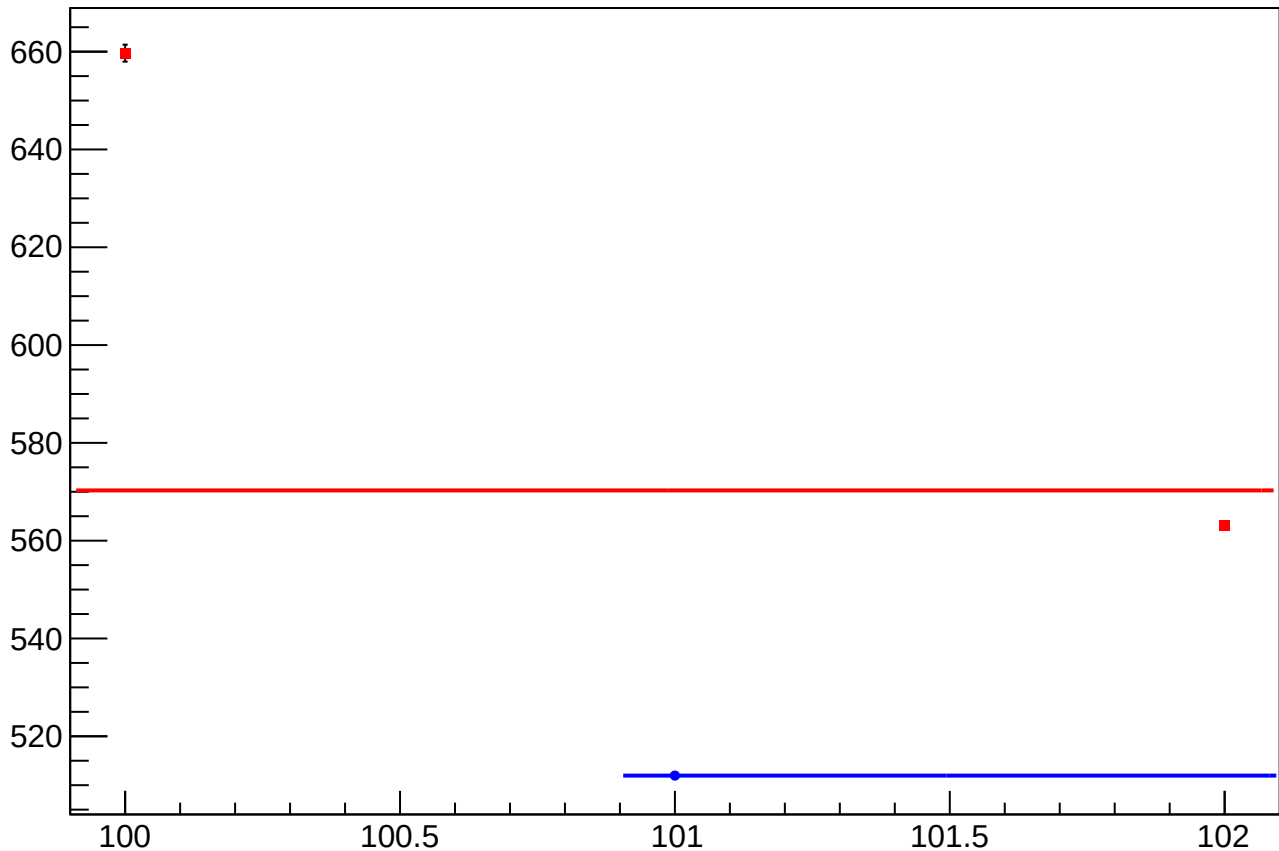
Right: 648.365+/-461.964 χ^2/NDF : 7.5/2

In: 1463.287+/-635.757 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 648.365+/-461.964 χ^2/NDF : 7.5/2

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 511.960 $\pm$ 0.450 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 570.277 $\pm$ 0.475 χ^2 /NDF: 2874.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

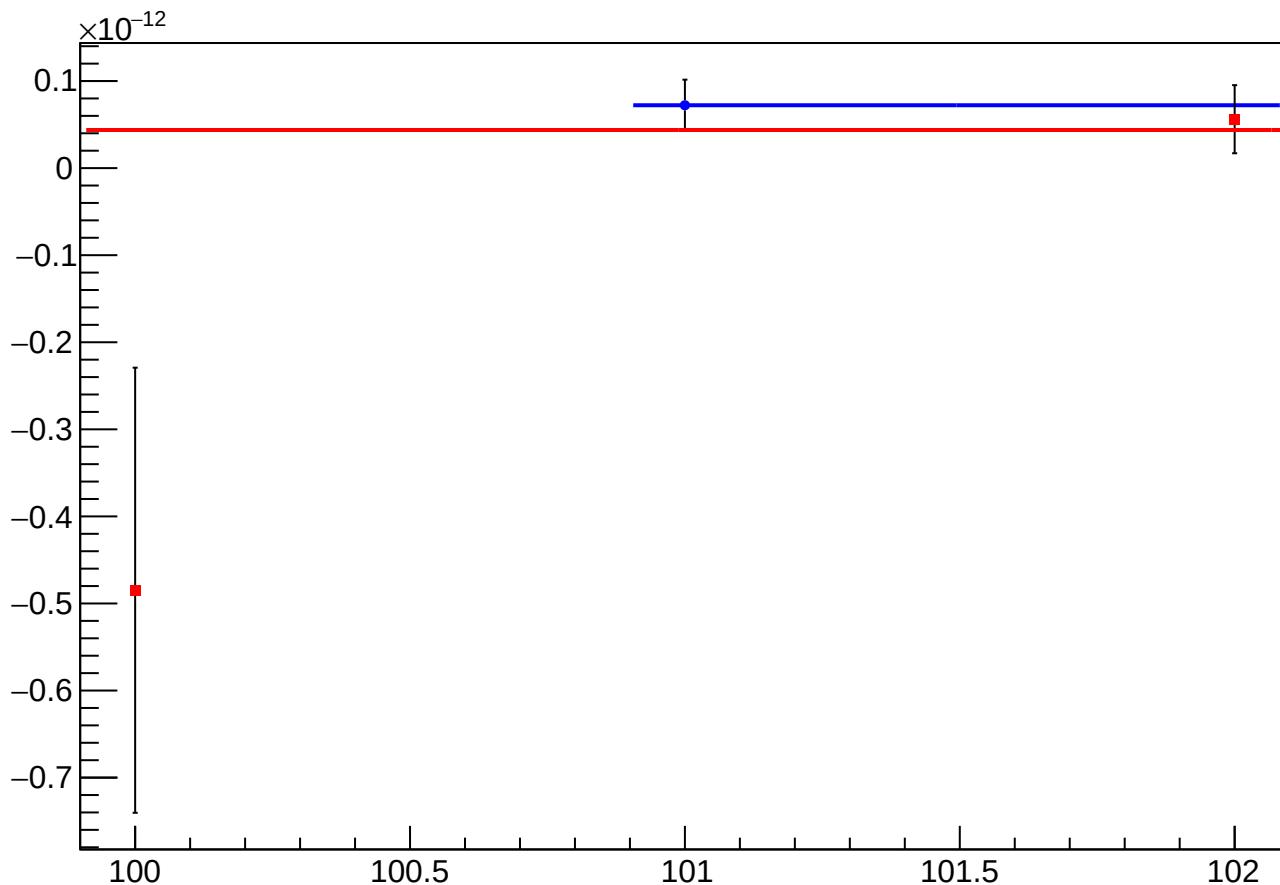
Right: 539.486 $\pm$ 0.327 χ^2 /NDF: 10817.3/2

In: 511.960 $\pm$ 0.450 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 539.486 $\pm$ 0.327 χ^2 /NDF: 10817.3/2

asym_sam_1548_avg_reg_vs_cor_diff_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 : 4.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

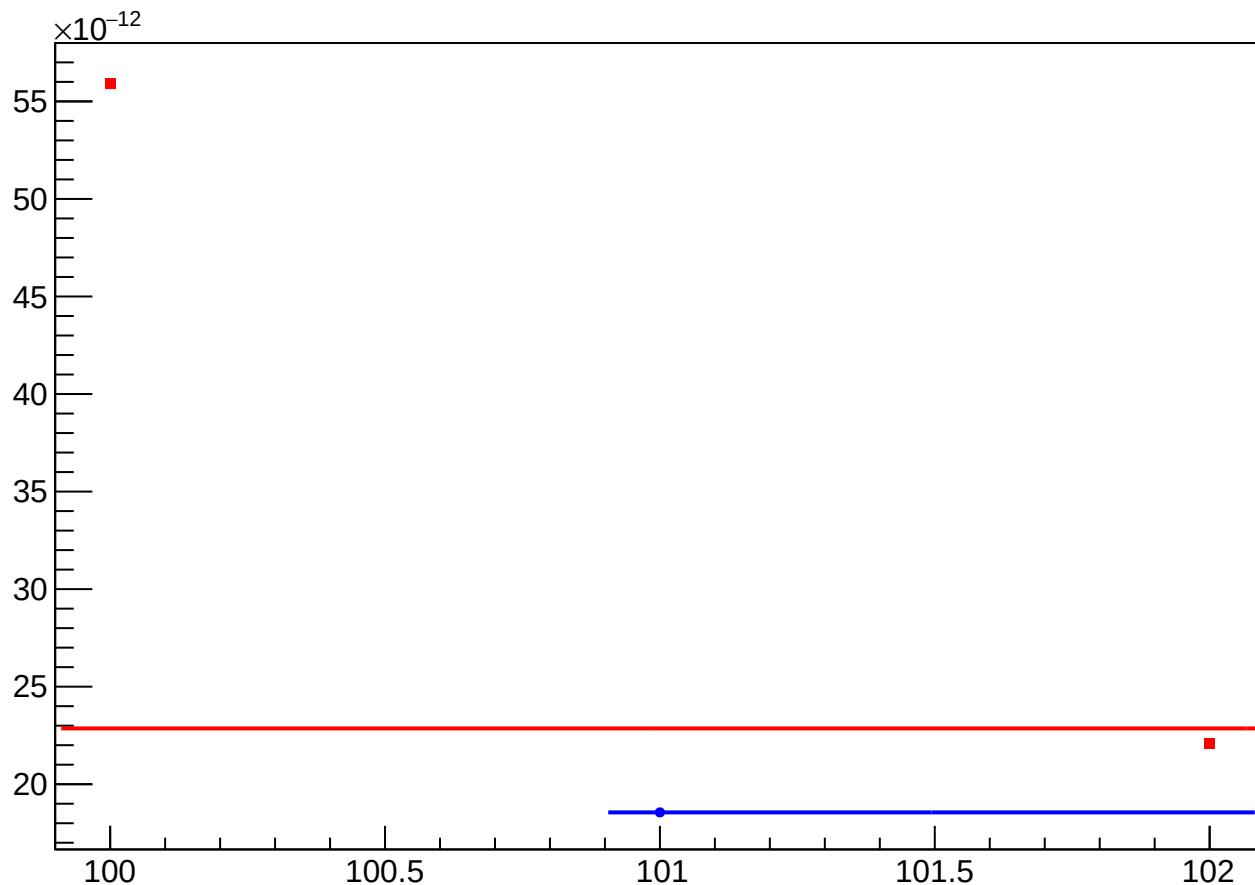
Right: 0.000+/-0.000 χ^2/NDF : 4.7/2

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 : 4.7/2

asym_sam_1548_avg_reg_vs_cor_diff_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 : 34269.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

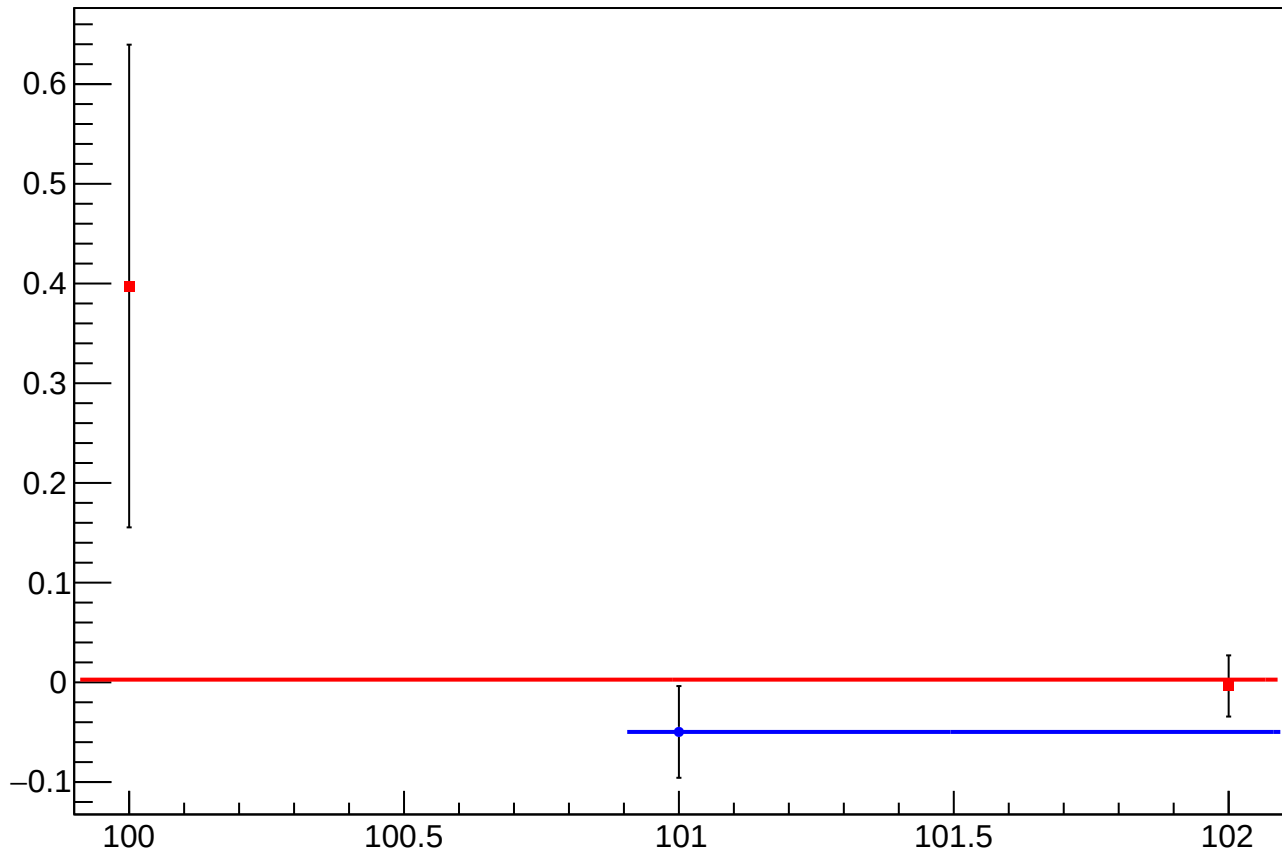
Right: 0.000+/-0.000 χ^2/NDF : 49990.9/2

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 : 49990.9/2

asym_sam_1548_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.050 $\pm$ 0.046 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.030 χ^2 /NDF: 2.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

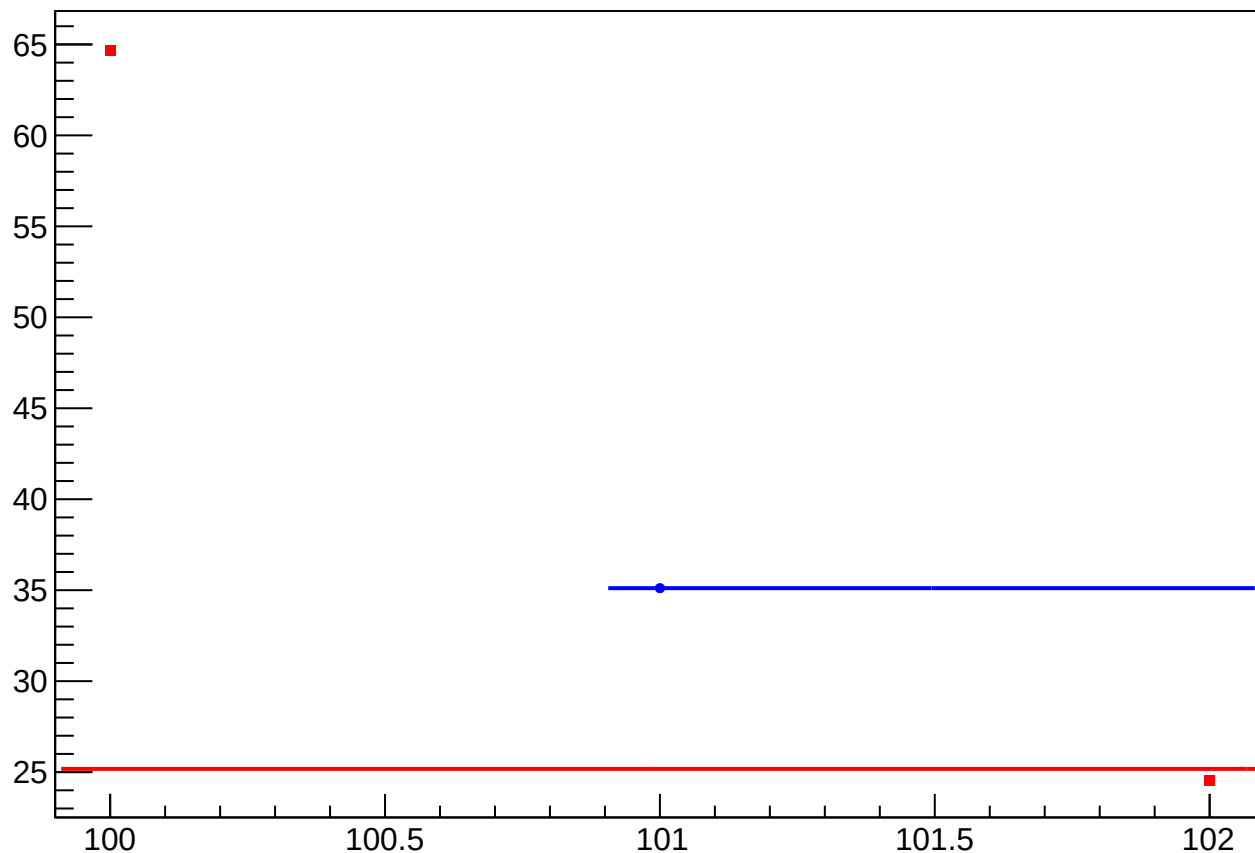
Right: -0.013 $\pm$ 0.025 χ^2 /NDF: 3.6/2

In: -0.050 $\pm$ 0.046 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.025 χ^2 /NDF: 3.6/2

asym_sam_1548_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.111 $\pm$ 0.033 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 25.179 $\pm$ 0.022 χ^2 /NDF: 54034.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

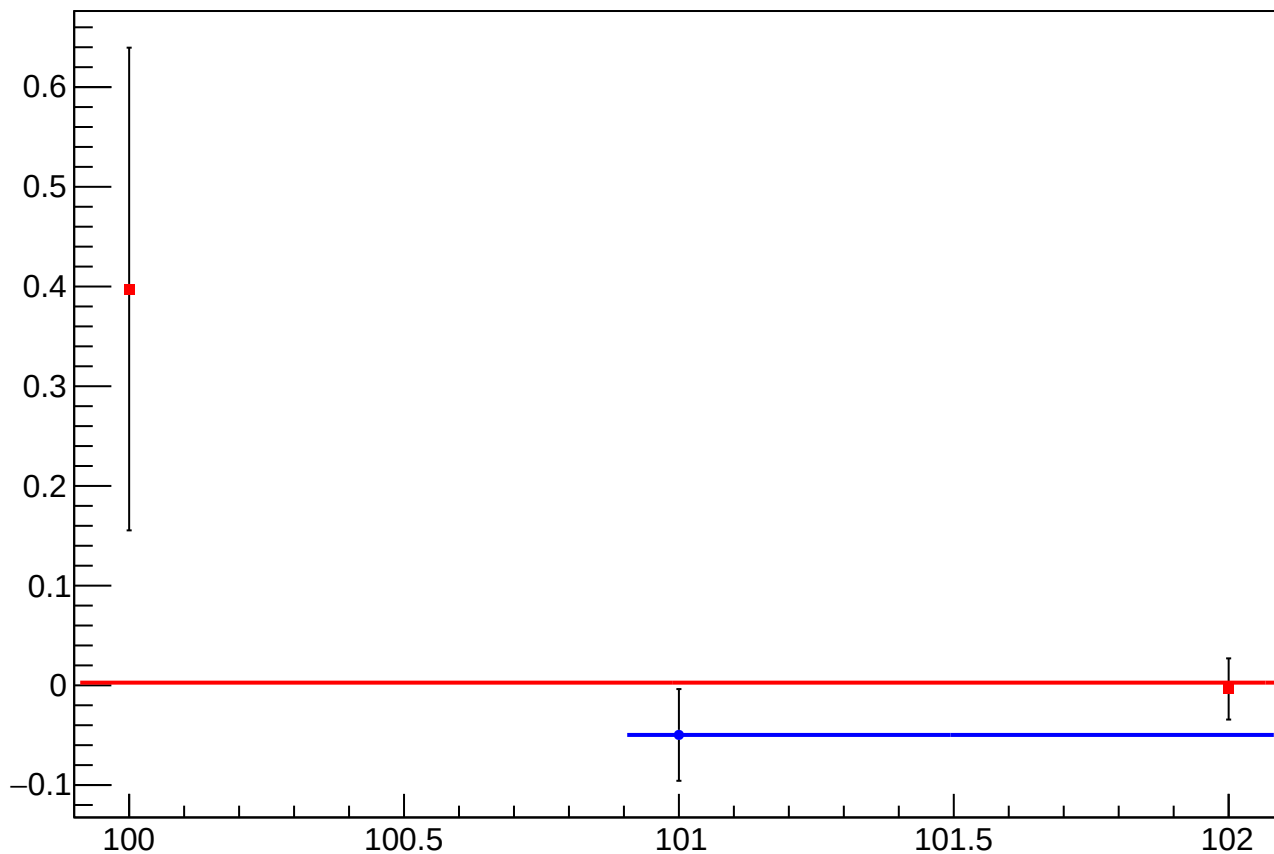
Right: 28.203 $\pm$ 0.018 χ^2 /NDF: 118869.6/2

In: 35.111 $\pm$ 0.033 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.203 $\pm$ 0.018 χ^2 /NDF: 118869.6/2

asym_sam_1548_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.050 $\pm$ 0.046 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.030 χ^2 /NDF: 2.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

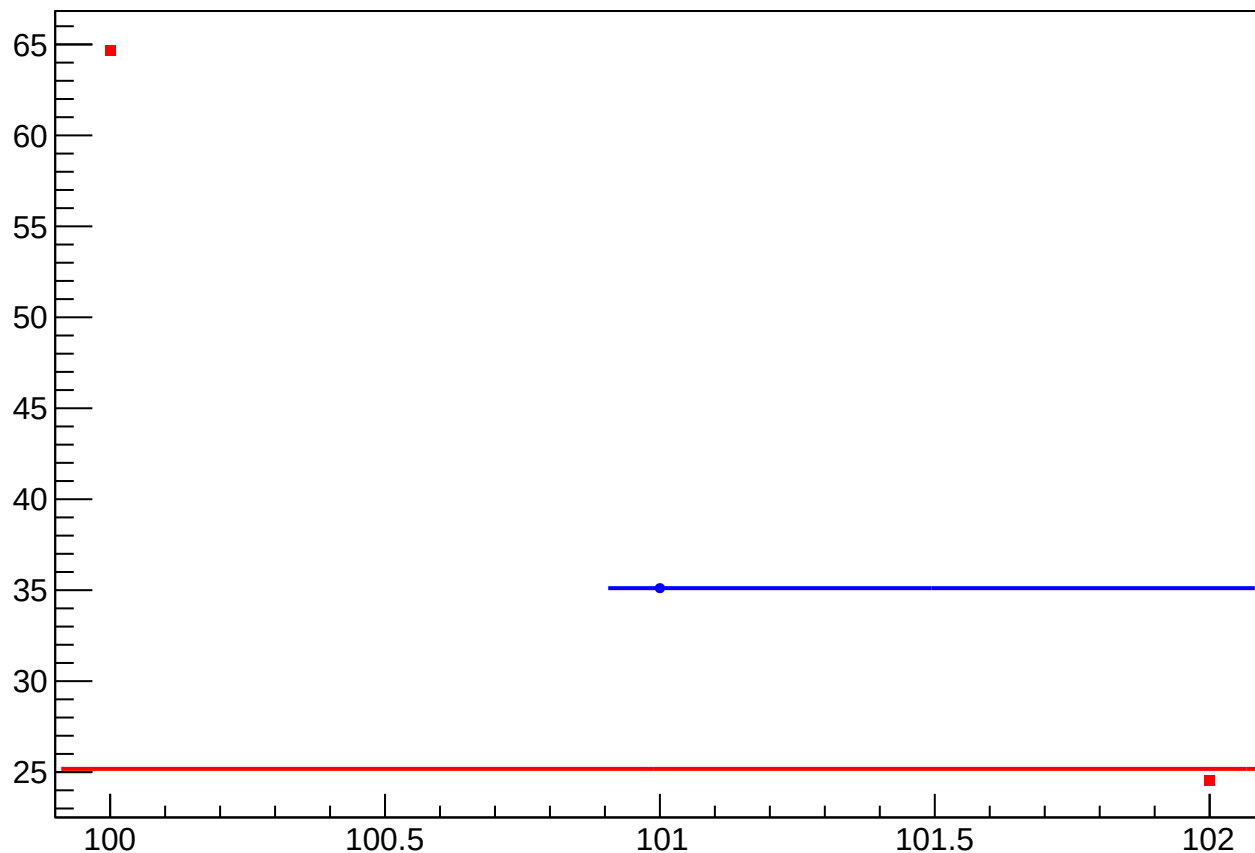
Right: -0.013 $\pm$ 0.025 χ^2 /NDF: 3.6/2

In: -0.050 $\pm$ 0.046 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.025 χ^2 /NDF: 3.6/2

asym_sam_1548_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.111 ± 0.033 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 25.179 ± 0.022 $\chi^2/\text{NDF}: 54034.1/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

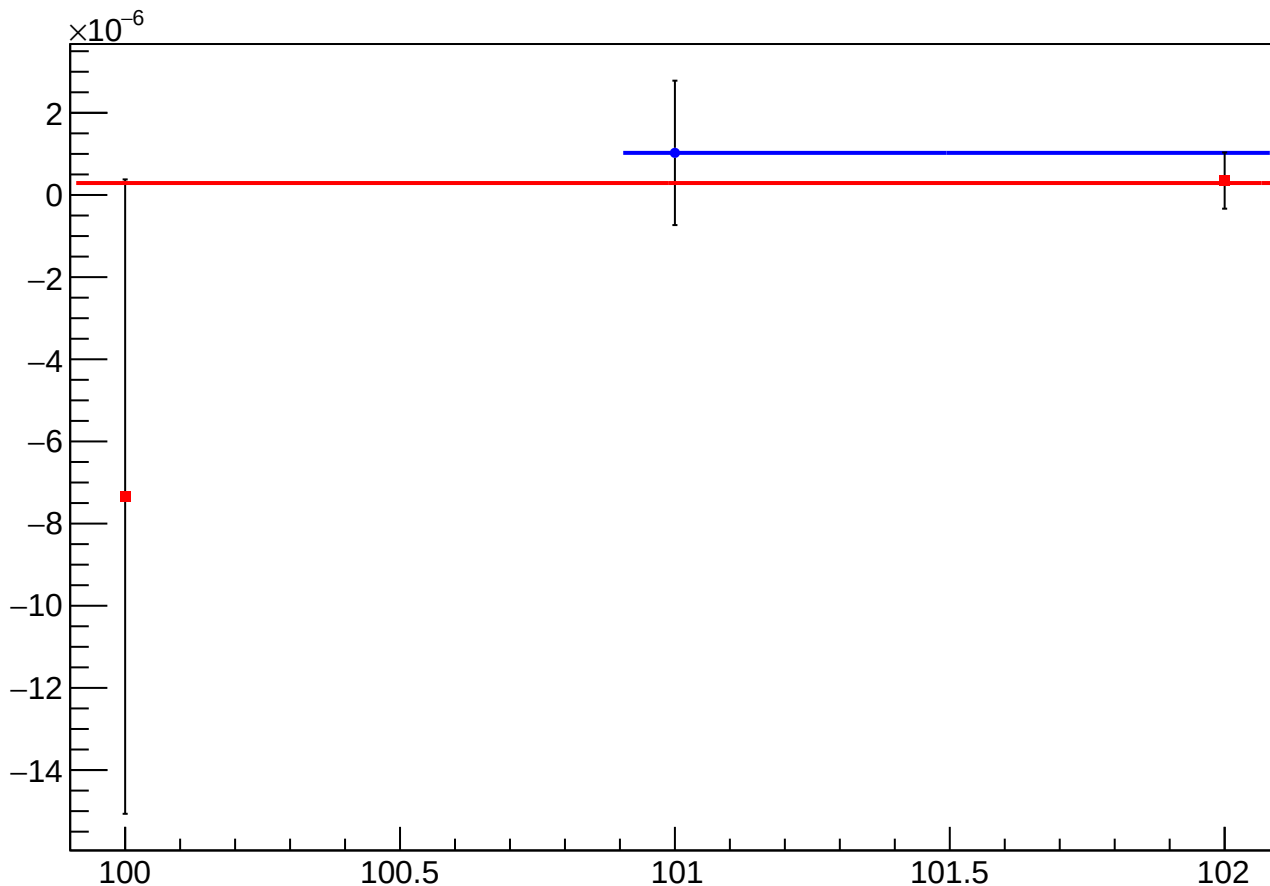
Right: 28.203 ± 0.018 $\chi^2/\text{NDF}: 118869.6/2$

In: 35.111 ± 0.033 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 28.203 ± 0.018 $\chi^2/\text{NDF}: 118869.6/2$

asym_sam_1548_avg_eigen_dit_vs_dit_diff_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 : 1.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

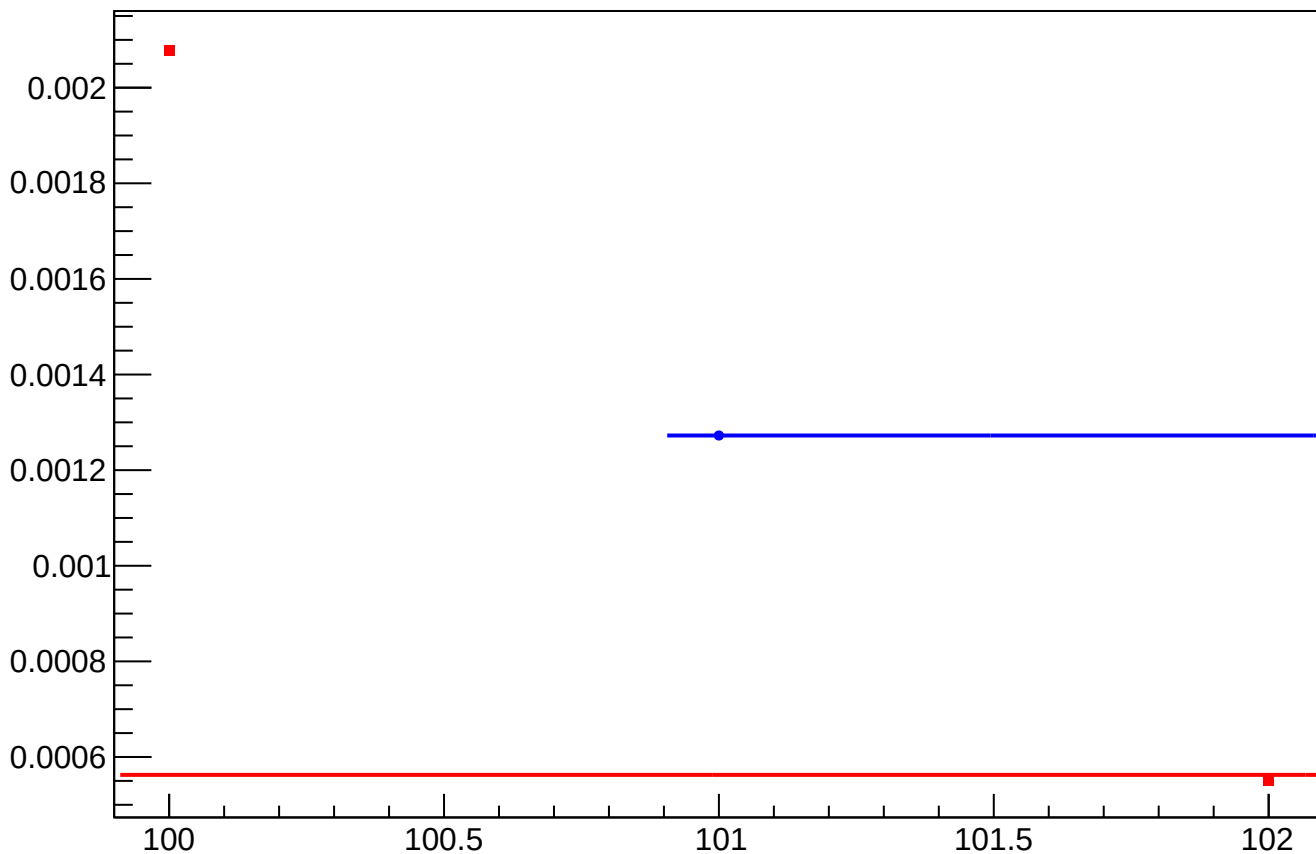
Right: 0.000+/-0.000 χ^2/NDF : 1.1/2

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 : 1.1/2

asym_sam_1548_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 77653.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

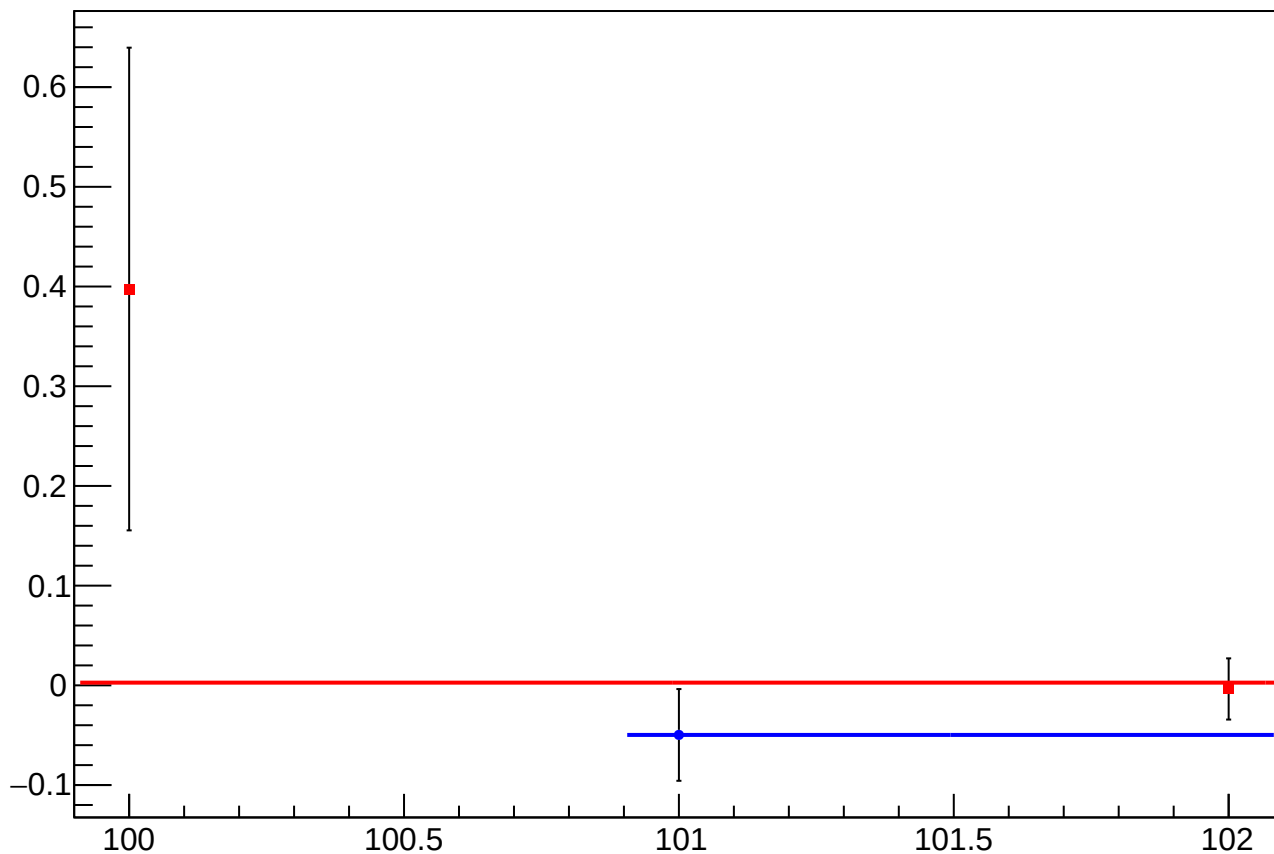
Right: 0.001+/-0.000 χ^2/NDF : 361242.1/2

In: 0.001+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 361242.1/2

asym_sam_1548_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.050+/-0.046 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.030 χ^2/NDF : 2.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

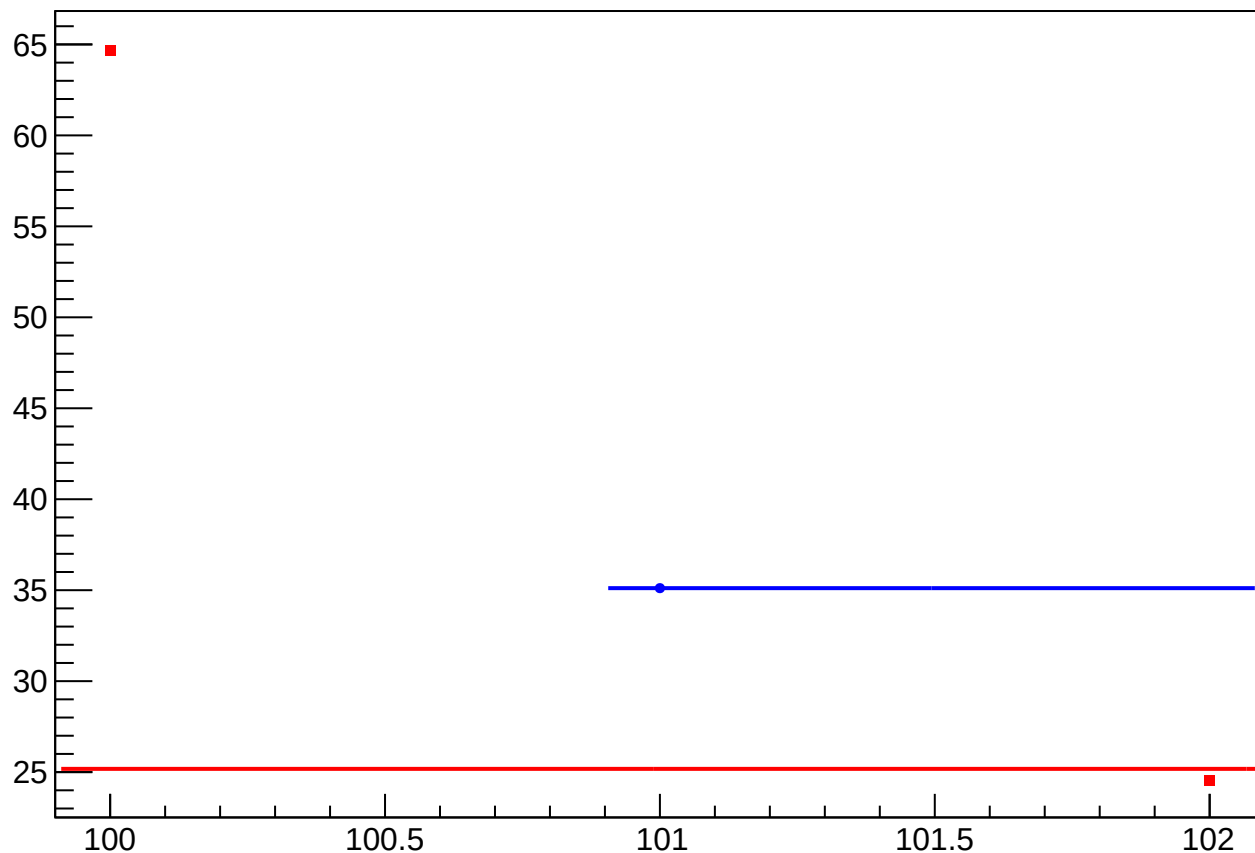
Right: -0.013+/-0.025 χ^2/NDF : 3.6/2

In: -0.050+/-0.046 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.013+/-0.025 χ^2/NDF : 3.6/2

asym_sam_1548_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.112 $\pm$ 0.033 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 25.179 $\pm$ 0.022 χ^2 /NDF: 54033.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

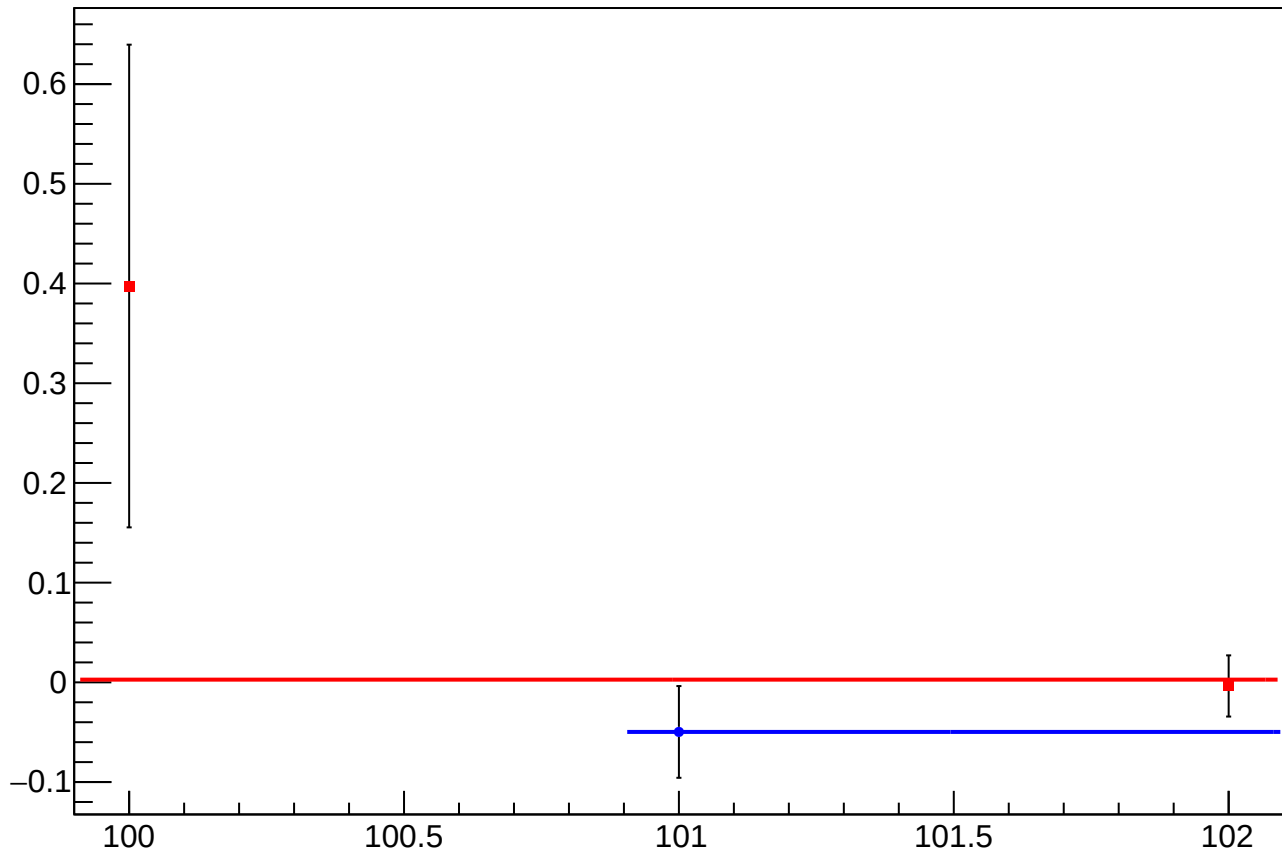
Right: 28.204 $\pm$ 0.018 χ^2 /NDF: 118876.3/2

In: 35.112 $\pm$ 0.033 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.204 $\pm$ 0.018 χ^2 /NDF: 118876.3/2

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.050+/-0.046 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.030 χ^2/NDF : 2.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

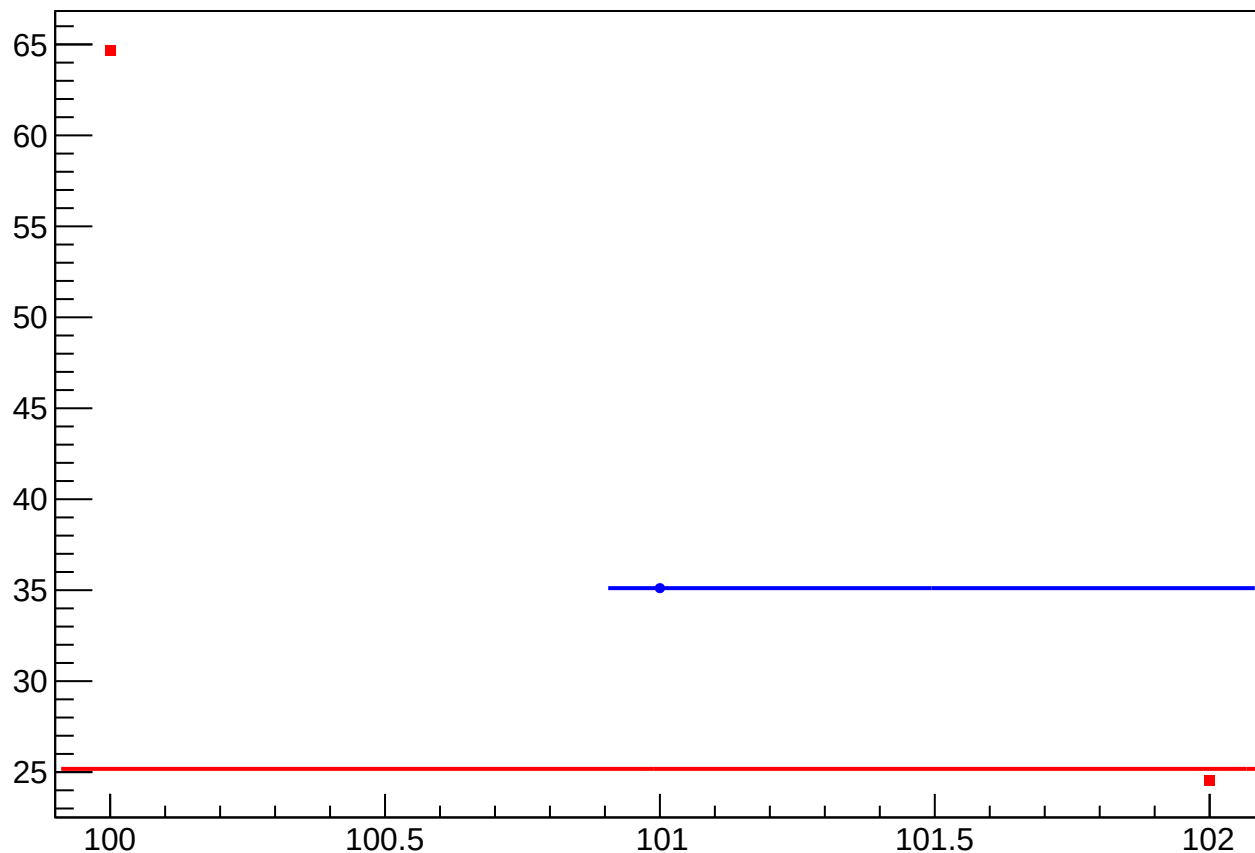
Right: -0.013+/-0.025 χ^2/NDF : 3.6/2

In: -0.050+/-0.046 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.013+/-0.025 χ^2/NDF : 3.6/2

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.112 $\pm$ 0.033 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 25.179 $\pm$ 0.022 χ^2 /NDF: 54033.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

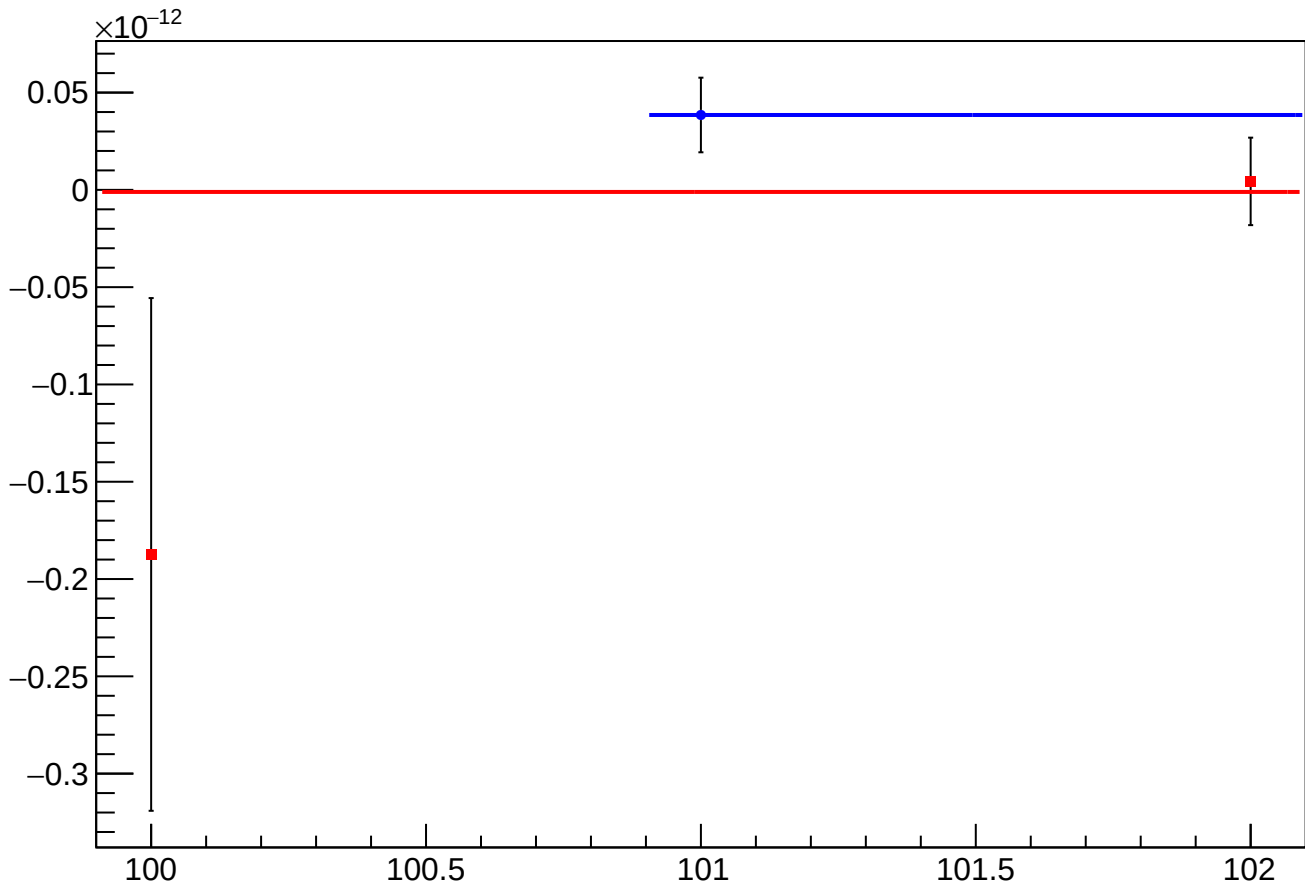
Right: 28.204 $\pm$ 0.018 χ^2 /NDF: 118876.3/2

In: 35.112 $\pm$ 0.033 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.204 $\pm$ 0.018 χ^2 /NDF: 118876.3/2

asym_sam_1548_avg_eigen_cor_vs_cor_diff_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 : 2.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

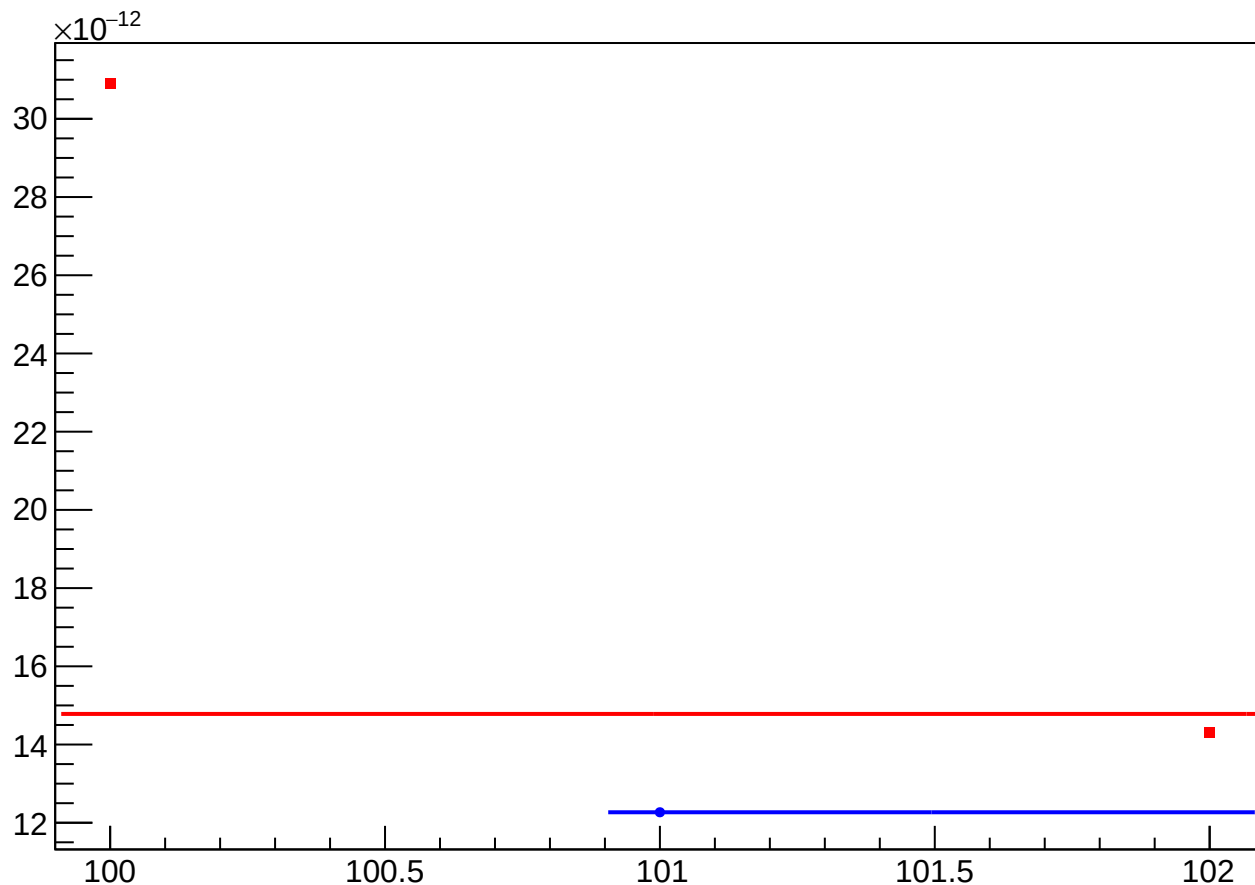
Right: 0.000+/-0.000 χ^2/NDF : 3.9/2

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 : 3.9/2

asym_sam_1548_avg_eigen_cor_vs_cor_diff_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 : 30832.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

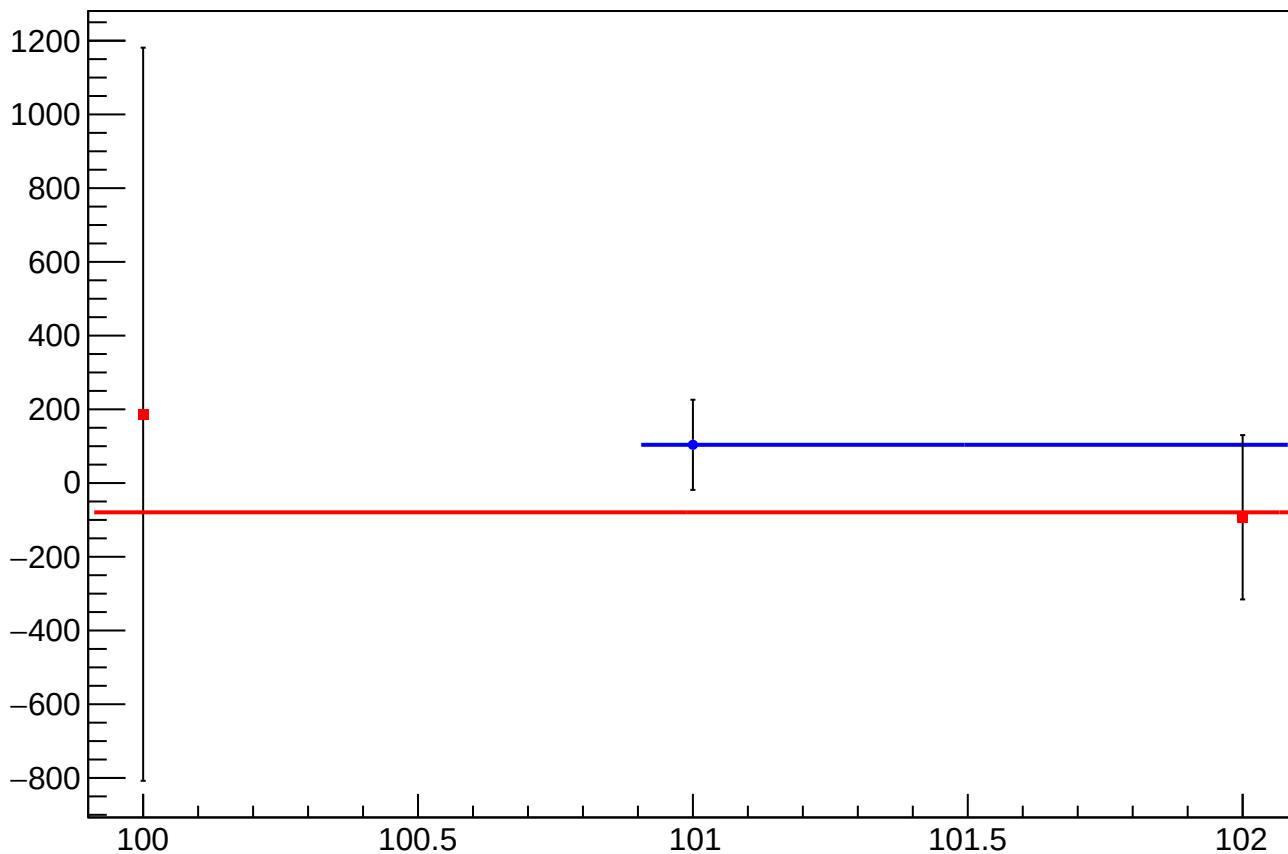
Right: 0.000+/-0.000 χ^2/NDF : 45561.6/2

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 : 45561.6/2

reg_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 103.757+/-122.210 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -79.409+/-217.481 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

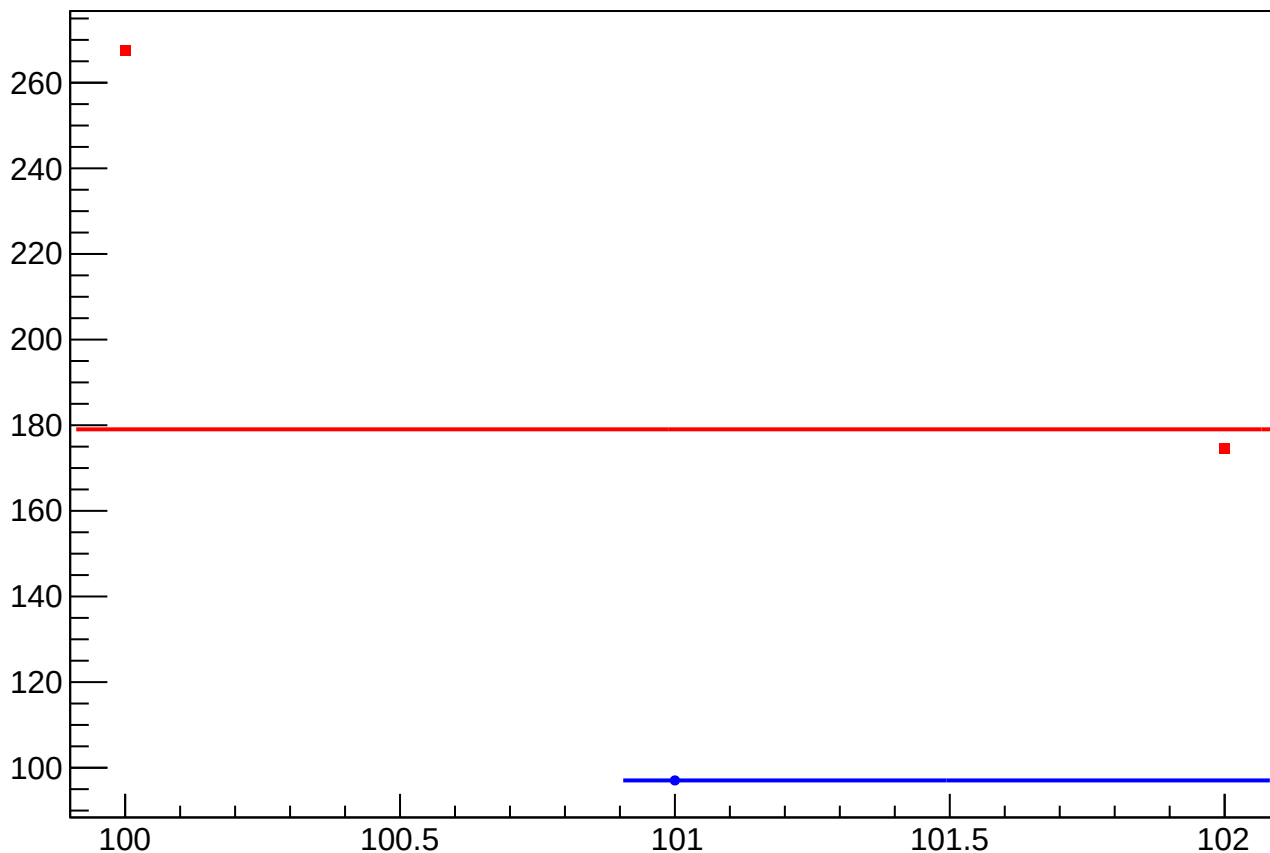
Right: 59.799+/-106.541 χ^2/NDF : 0.6/2

In: 103.757+/-122.210 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.799+/-106.541 χ^2/NDF : 0.6/2

reg_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 97.039+/-0.086 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 179.041+/-0.154 χ^2/NDF : 16613.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

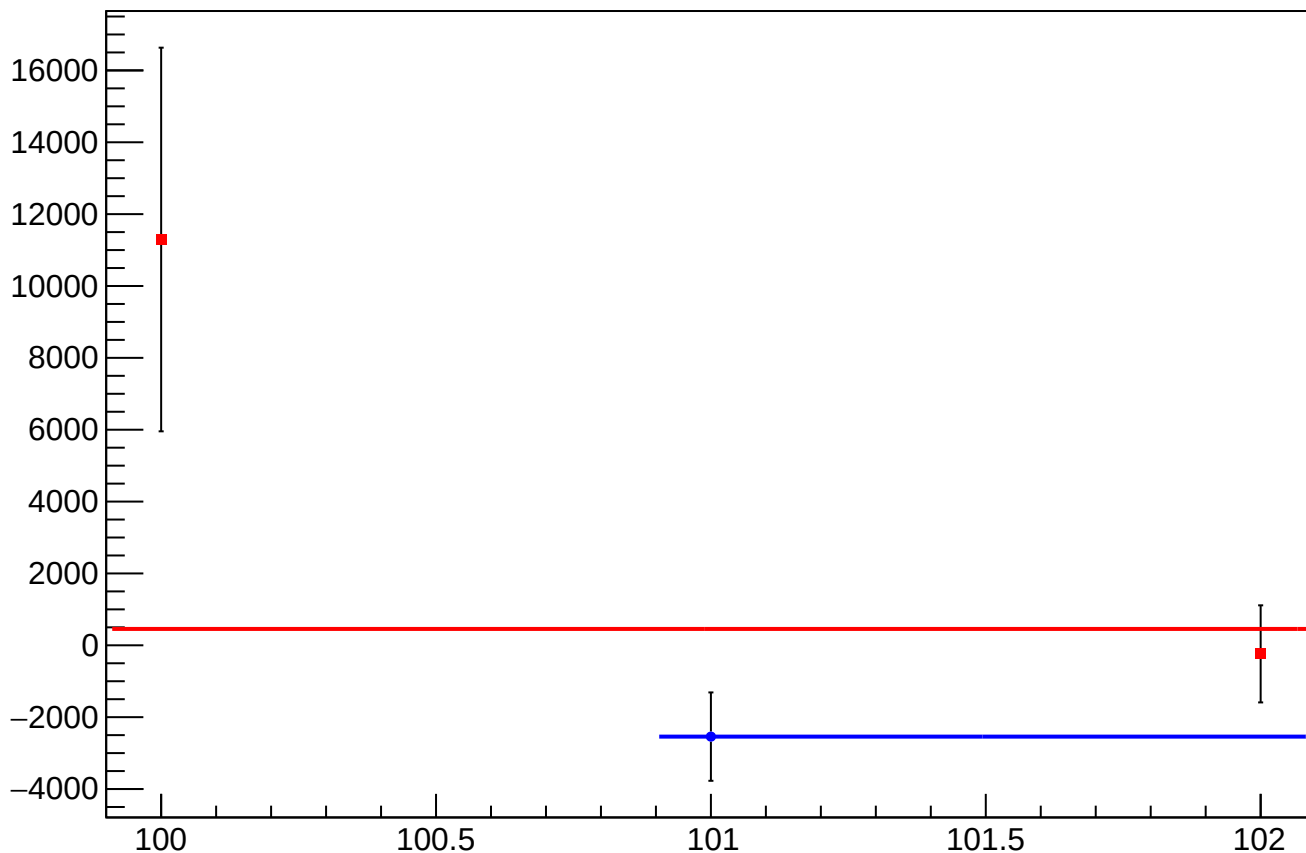
Right: 116.719+/-0.075 χ^2/NDF : 232716.7/2

In: 97.039+/-0.086 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.719+/-0.075 χ^2/NDF : 232716.7/2

asym_sam_3748_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -2541.307+/-1229.688 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 455.602+/-1309.794 χ^2/NDF : 4.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

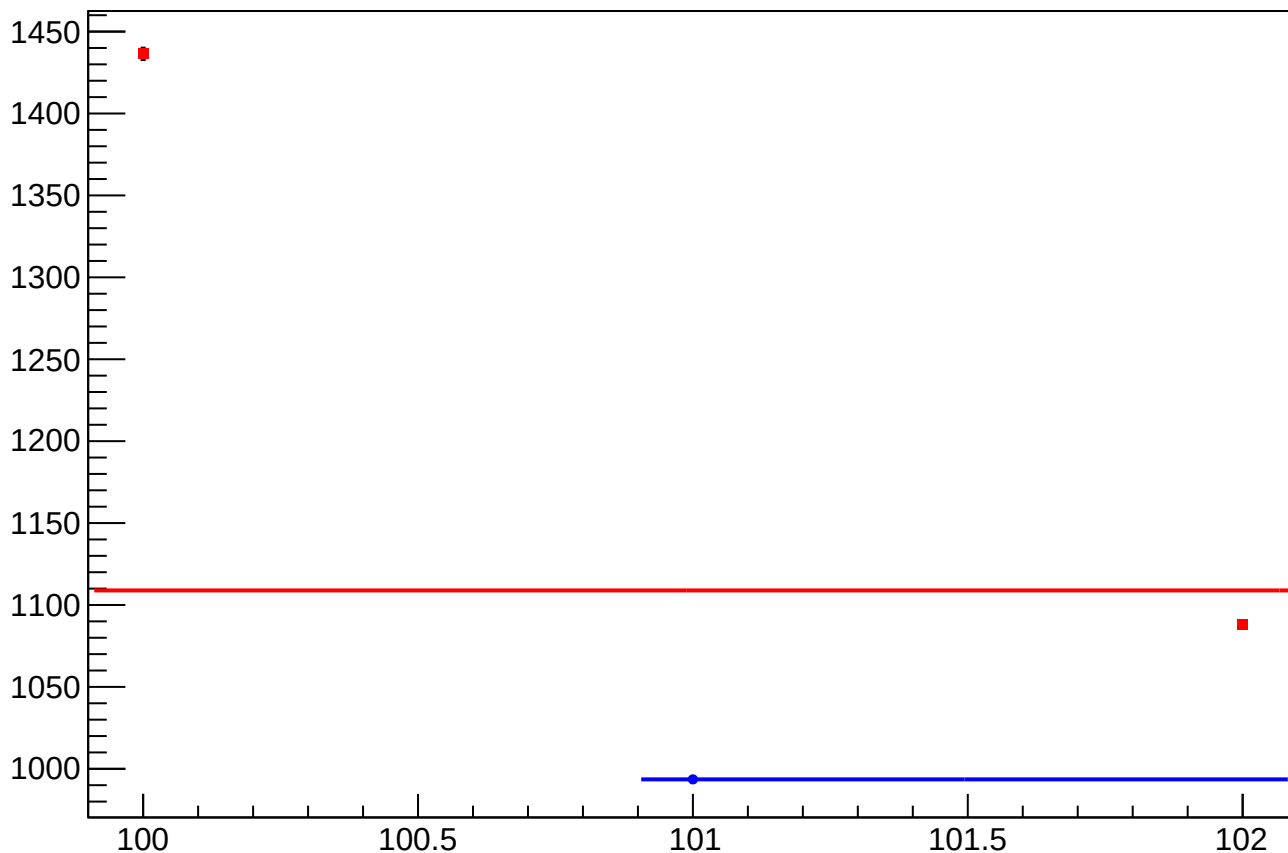
Right: -1137.293+/-896.503 χ^2/NDF : 7.2/2

In: -2541.307+/-1229.688 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1137.293+/-896.503 χ^2/NDF : 7.2/2

asym_sam_3748_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 993.556 $\pm$ 0.870 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1108.885 $\pm$ 0.926 χ^2 /NDF: 8009.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

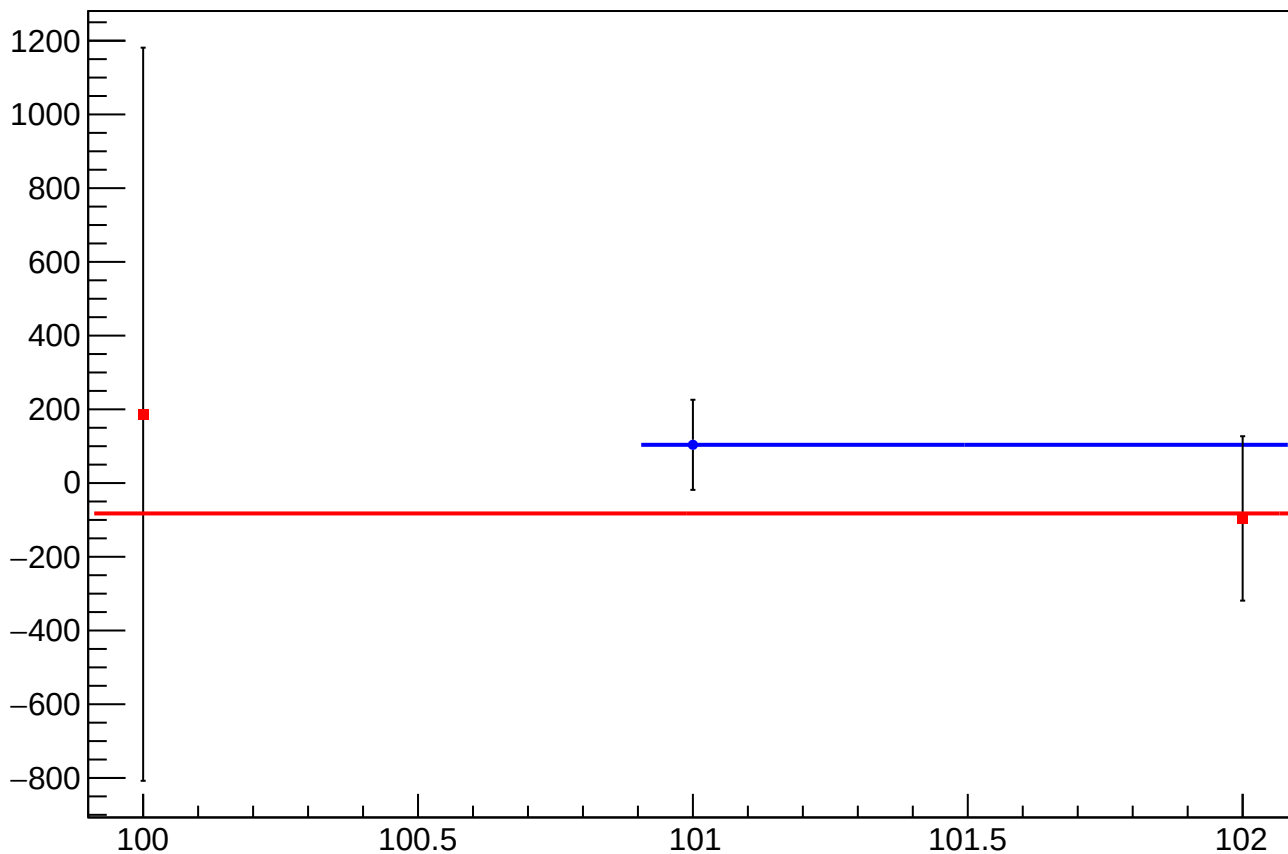
Right: 1047.586 $\pm$ 0.634 χ^2 /NDF: 16250.8/2

In: 993.556 $\pm$ 0.870 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1047.586 $\pm$ 0.634 χ^2 /NDF: 16250.8/2

cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 103.753 $\pm$ 122.210 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -82.408 $\pm$ 217.582 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

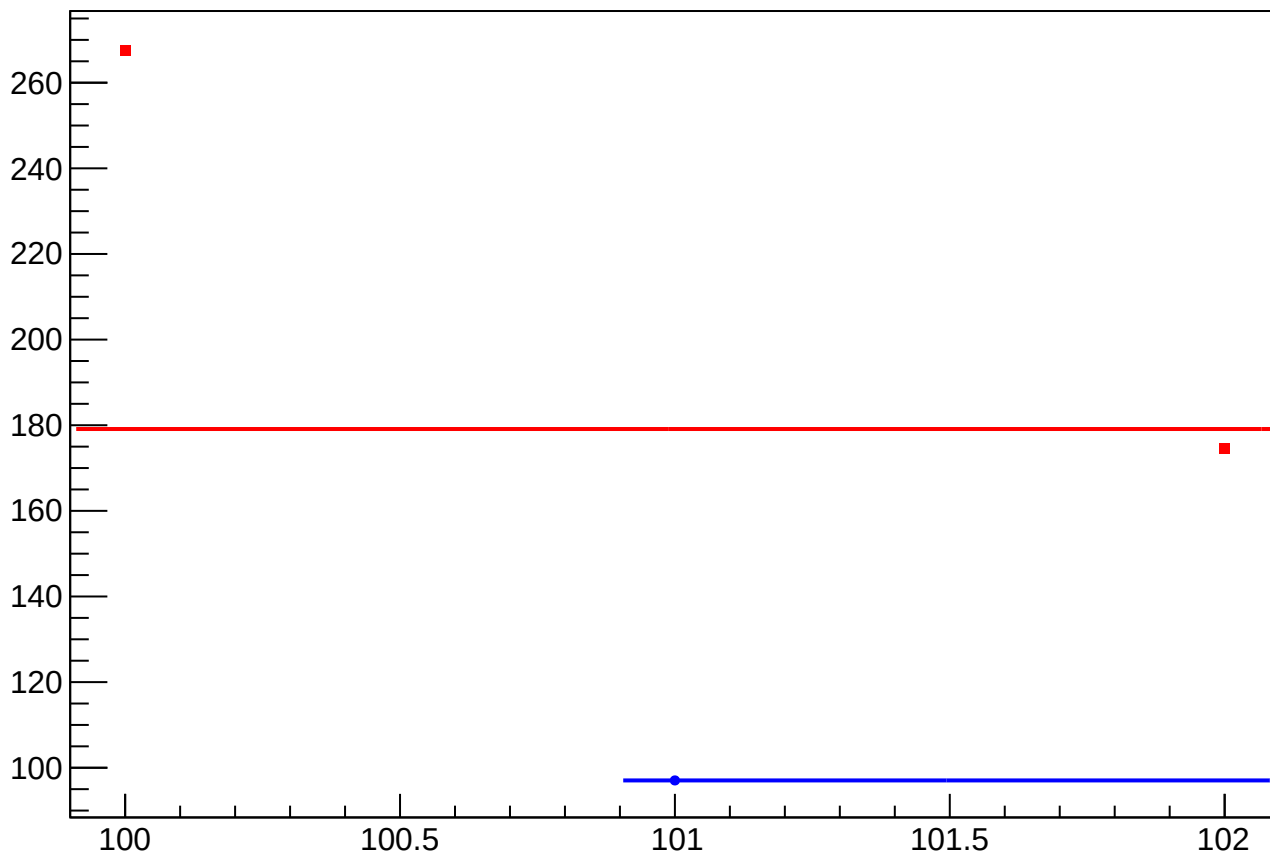
Right: 59.108 $\pm$ 106.553 χ^2 /NDF: 0.6/2

In: 103.753 $\pm$ 122.210 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 59.108 $\pm$ 106.553 χ^2 /NDF: 0.6/2

cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 97.039 $\pm$ 0.086 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 179.117 $\pm$ 0.154 χ^2 /NDF: 16586.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

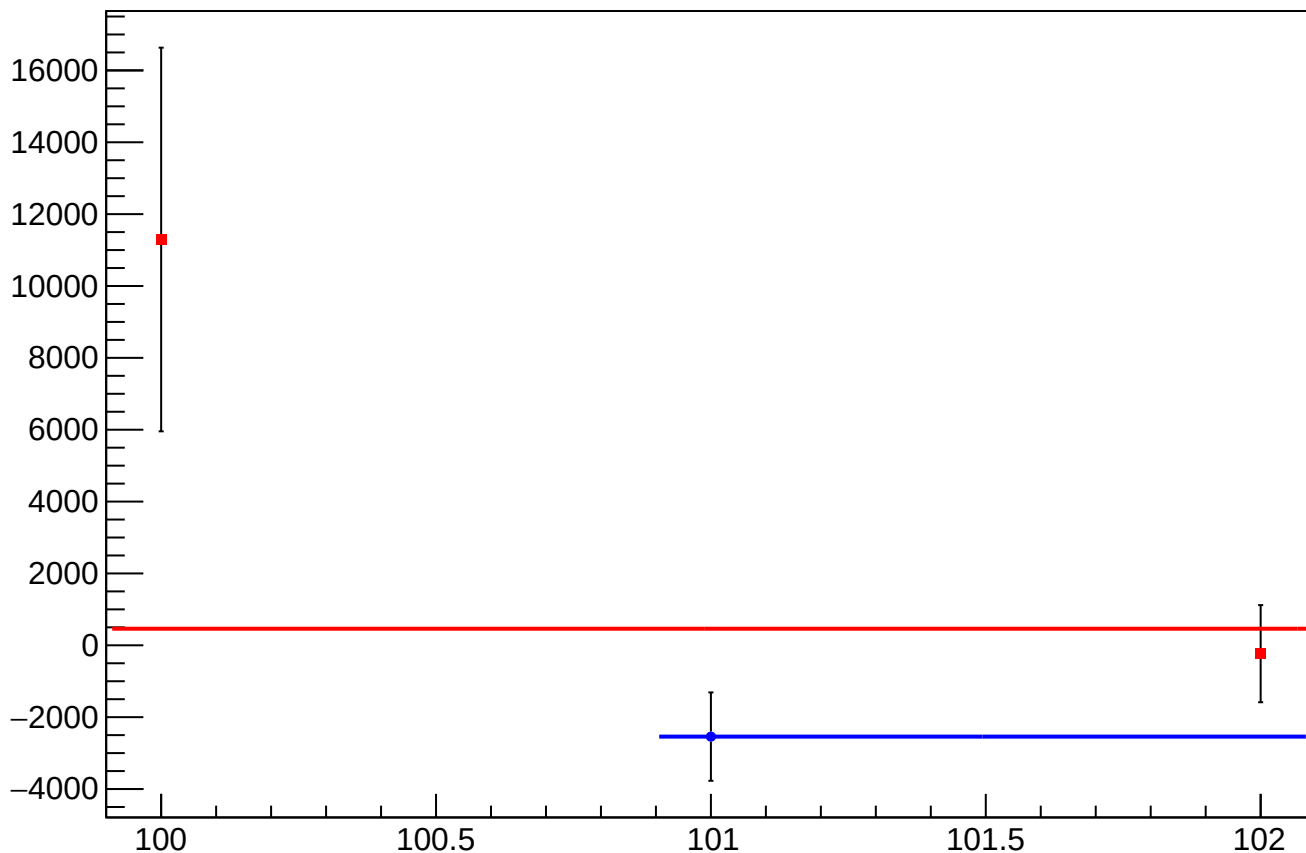
Right: 116.723 $\pm$ 0.075 χ^2 /NDF: 232933.5/2

In: 97.039 $\pm$ 0.086 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 116.723 $\pm$ 0.075 χ^2 /NDF: 232933.5/2

asym_sam_3748_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -2541.314+/-1229.689 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 461.675+/-1310.592 χ^2/NDF : 4.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

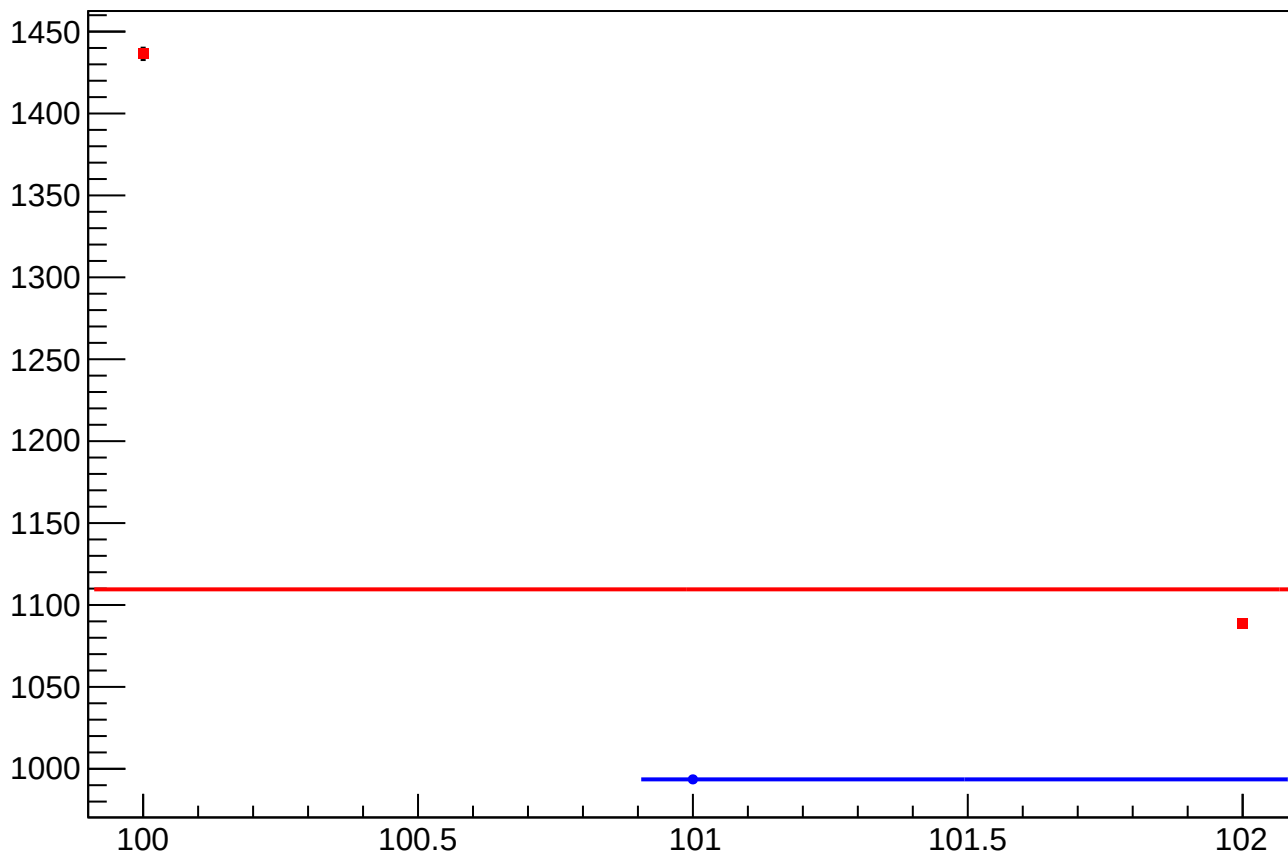
Right: -1135.363+/-896.759 χ^2/NDF : 7.2/2

In: -2541.314+/-1229.689 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1135.363+/-896.759 χ^2/NDF : 7.2/2

asym_sam_3748_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 993.556 $\pm$ 0.870 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1109.544 $\pm$ 0.927 χ^2 /NDF: 7977.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

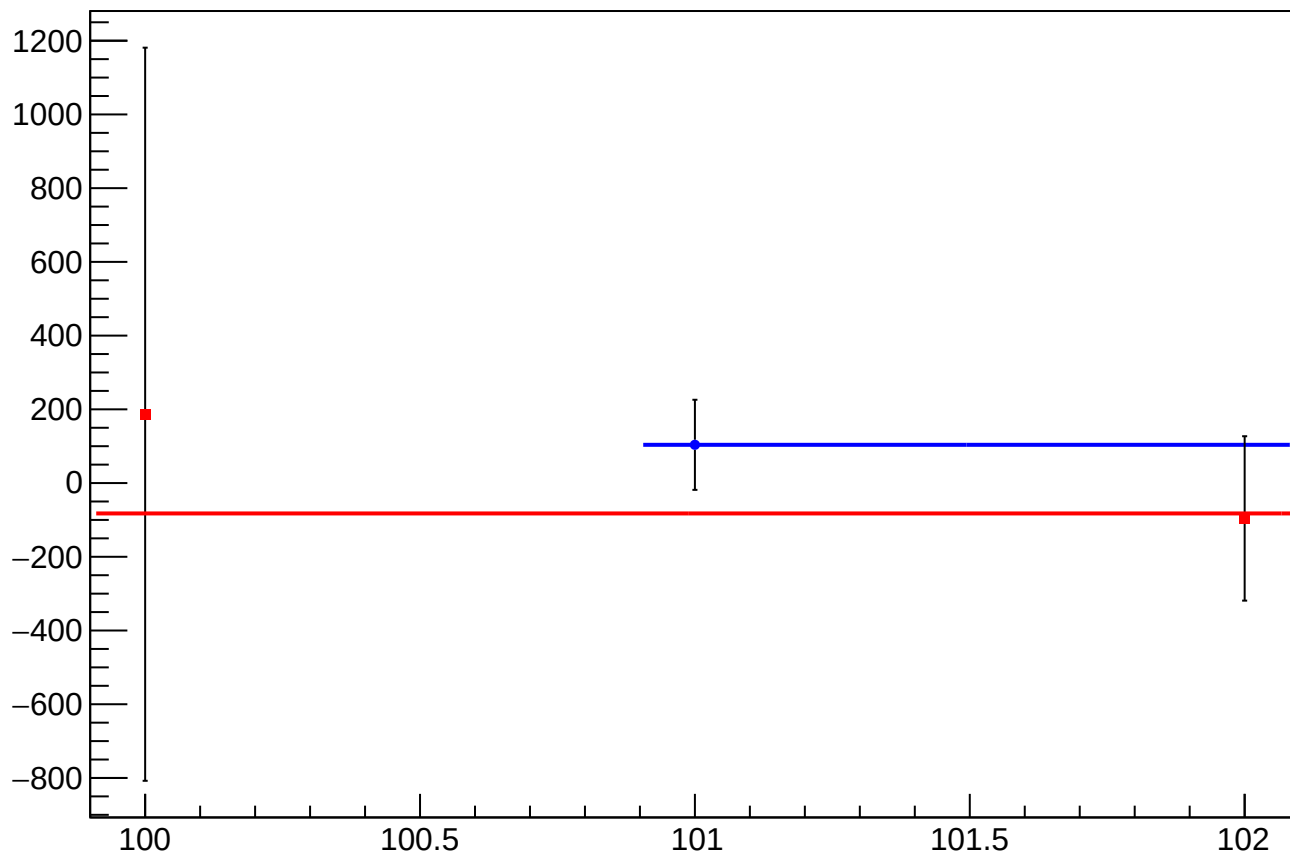
Right: 1047.860 $\pm$ 0.634 χ^2 /NDF: 16308.2/2

In: 993.556 $\pm$ 0.870 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1047.860 $\pm$ 0.634 χ^2 /NDF: 16308.2/2

eigen_cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 103.753+/-122.210 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -82.408+/-217.582 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

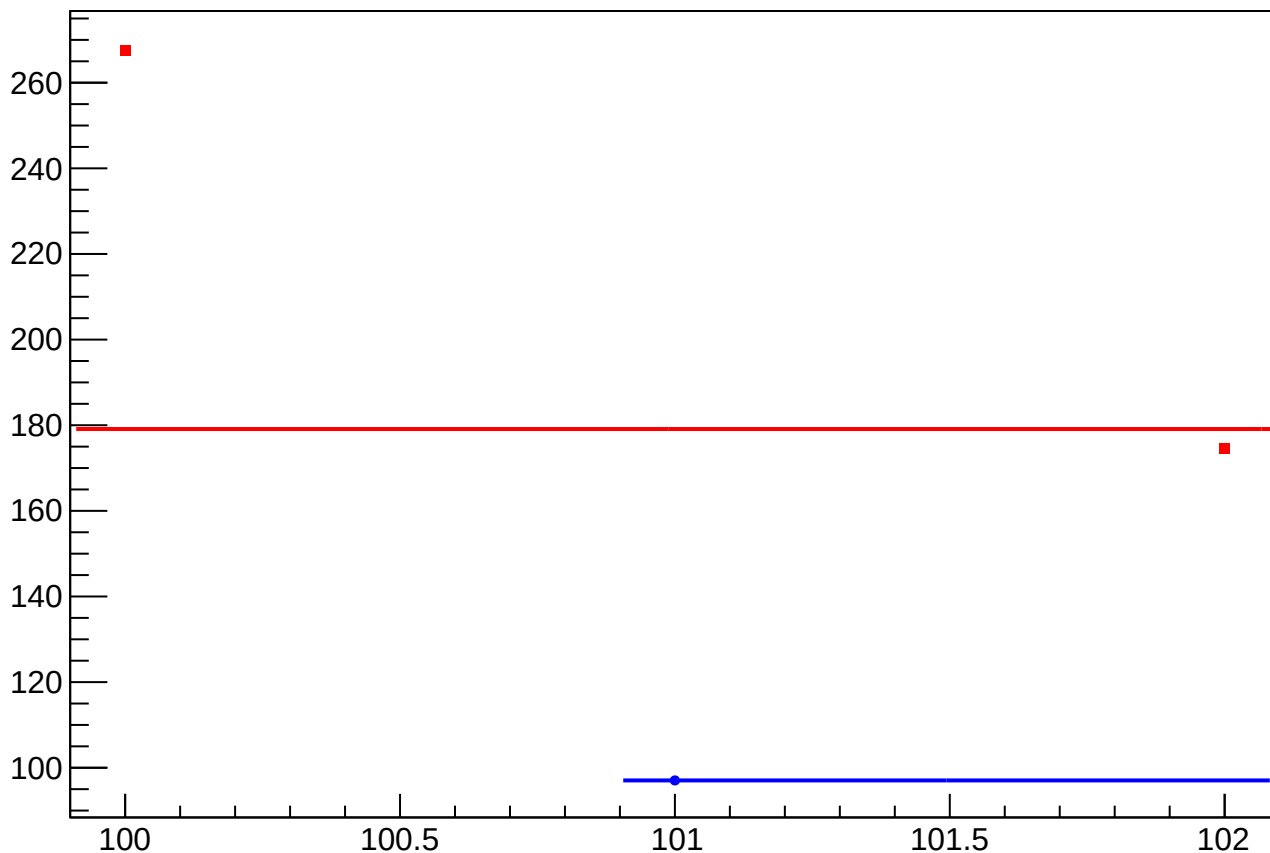
Right: 59.108+/-106.553 χ^2/NDF : 0.6/2

In: 103.753+/-122.210 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.108+/-106.553 χ^2/NDF : 0.6/2

eigen_cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 97.039 $\pm$ 0.086 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 179.117 $\pm$ 0.154 χ^2 /NDF: 16586.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

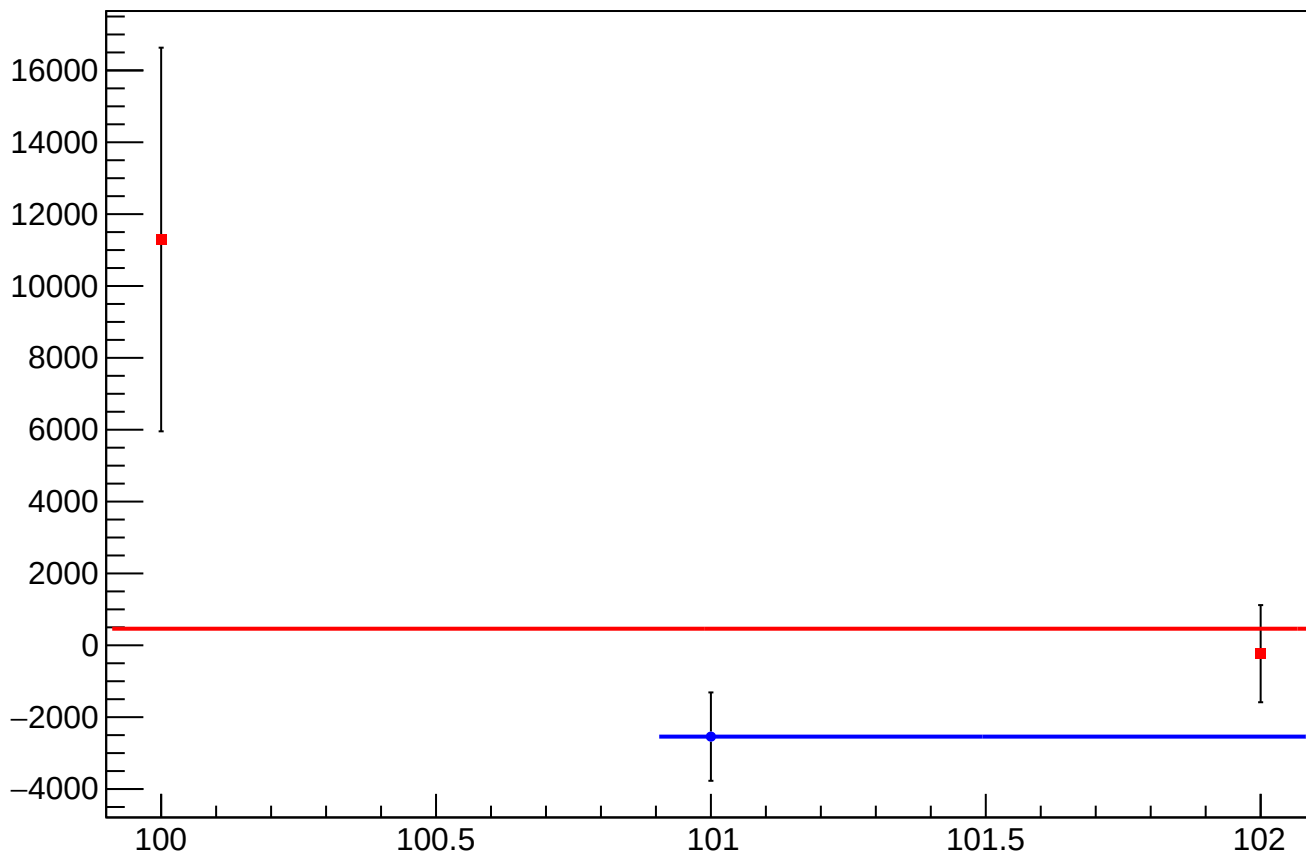
Right: 116.723 $\pm$ 0.075 χ^2 /NDF: 232933.5/2

In: 97.039 $\pm$ 0.086 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 116.723 $\pm$ 0.075 χ^2 /NDF: 232933.5/2

asym_sam_3748_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -2541.314+/-1229.689 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 461.675+/-1310.592 χ^2/NDF : 4.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

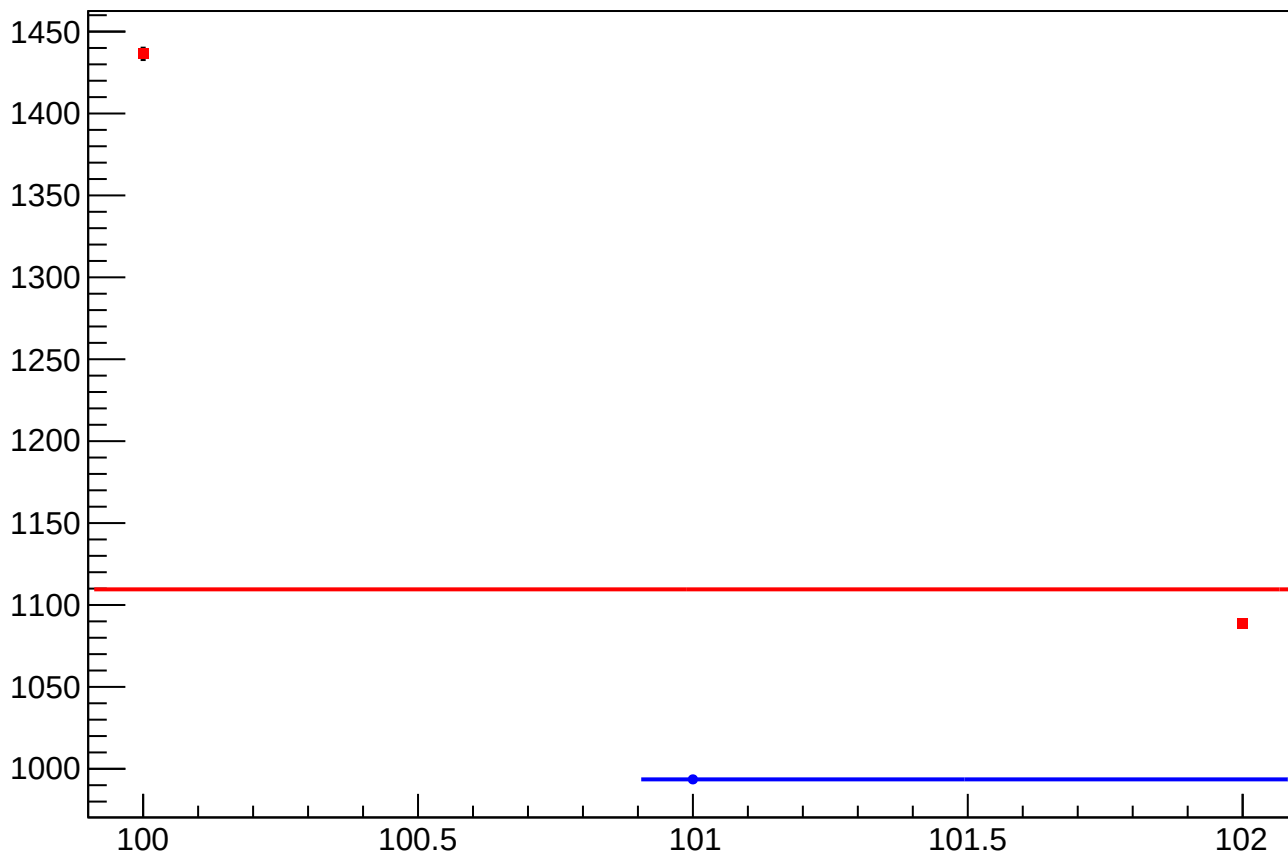
Right: -1135.363+/-896.759 χ^2/NDF : 7.2/2

In: -2541.314+/-1229.689 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1135.363+/-896.759 χ^2/NDF : 7.2/2

asym_sam_3748_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 993.556+/-0.870 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1109.544+/-0.927 χ^2/NDF : 7977.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

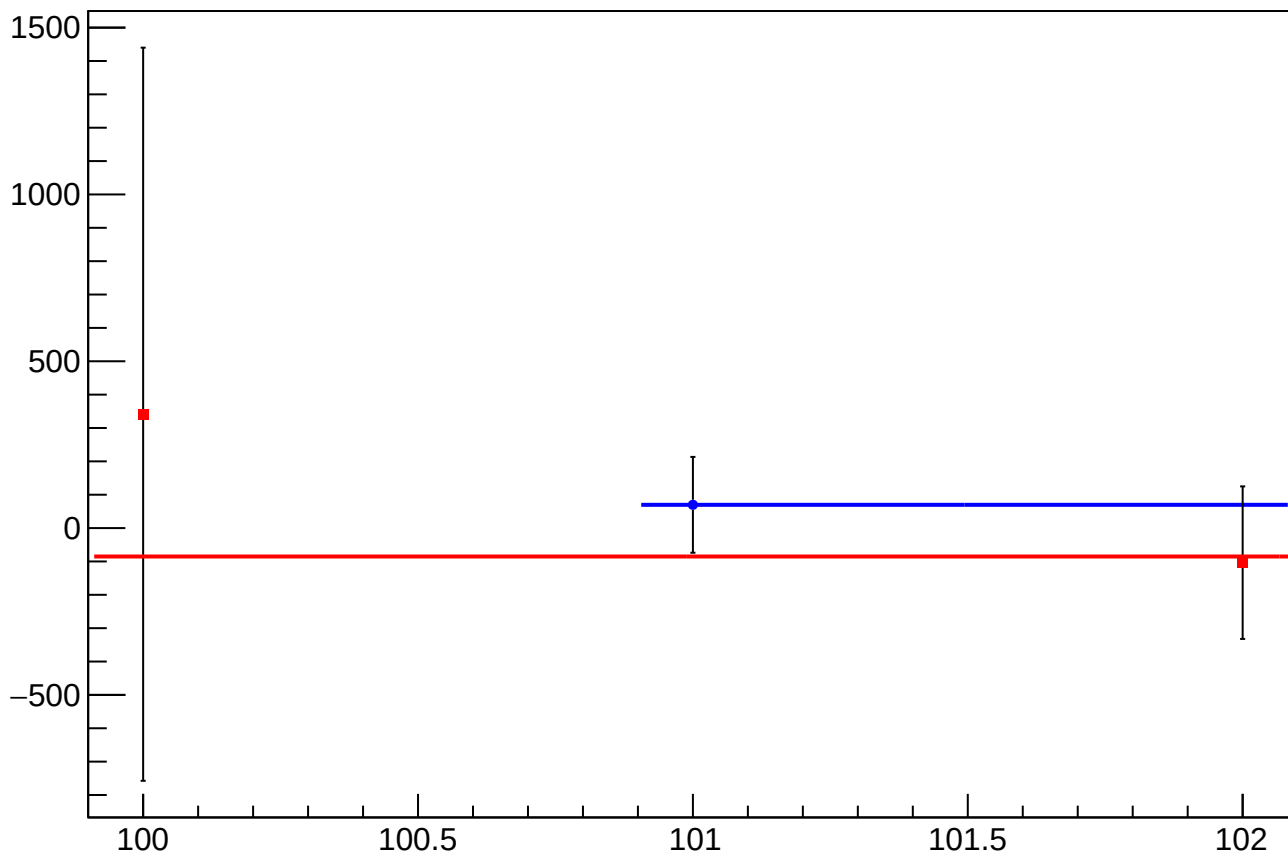
Right: 1047.860+/-0.634 χ^2/NDF : 16308.2/2

In: 993.556+/-0.870 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1047.860+/-0.634 χ^2/NDF : 16308.2/2

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 69.708 $\pm$ 143.597 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -85.171 $\pm$ 223.811 χ^2 /NDF: 0.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

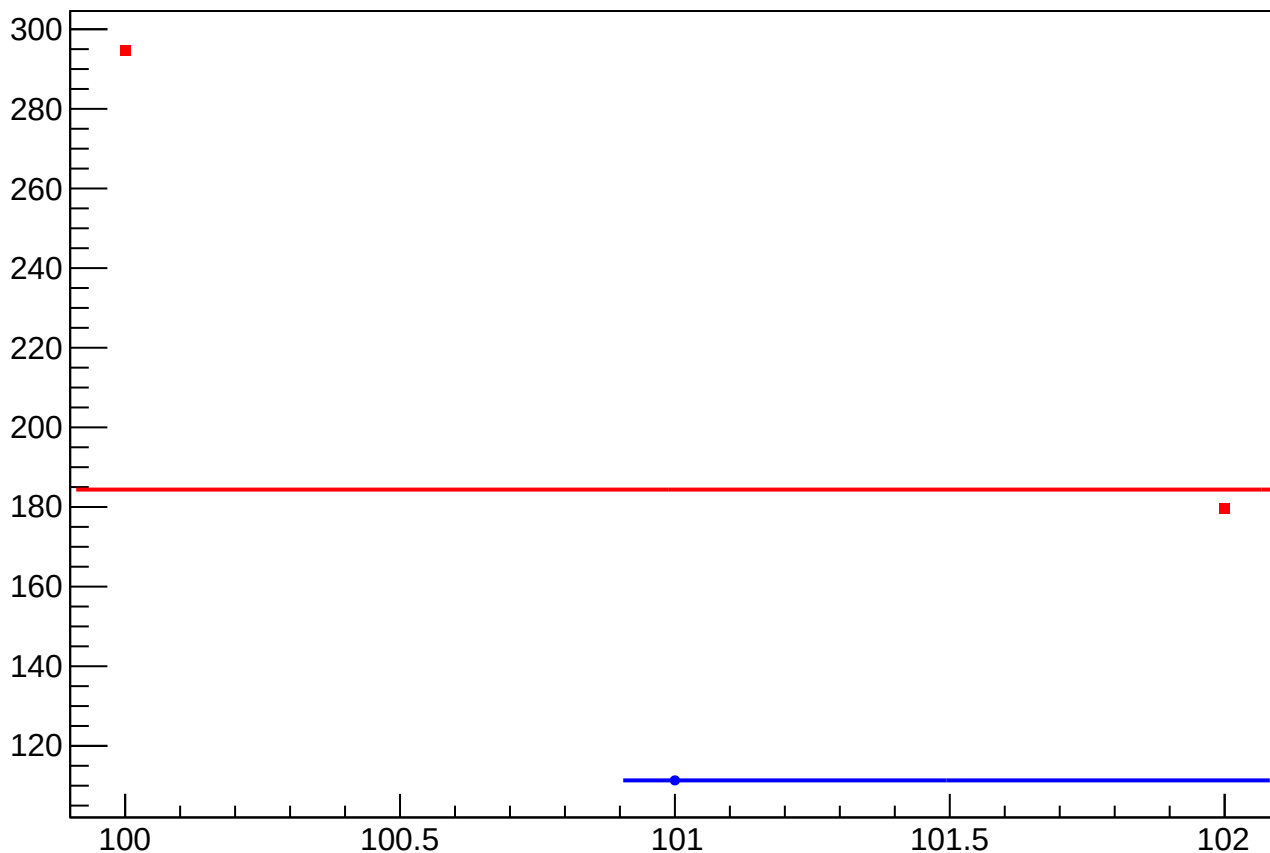
Right: 24.544 $\pm$ 120.860 χ^2 /NDF: 0.5/2

In: 69.708 $\pm$ 143.597 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.544 $\pm$ 120.860 χ^2 /NDF: 0.5/2

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 111.330 $\pm$ 0.102 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 184.373 $\pm$ 0.158 χ^2 /NDF: 20998.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

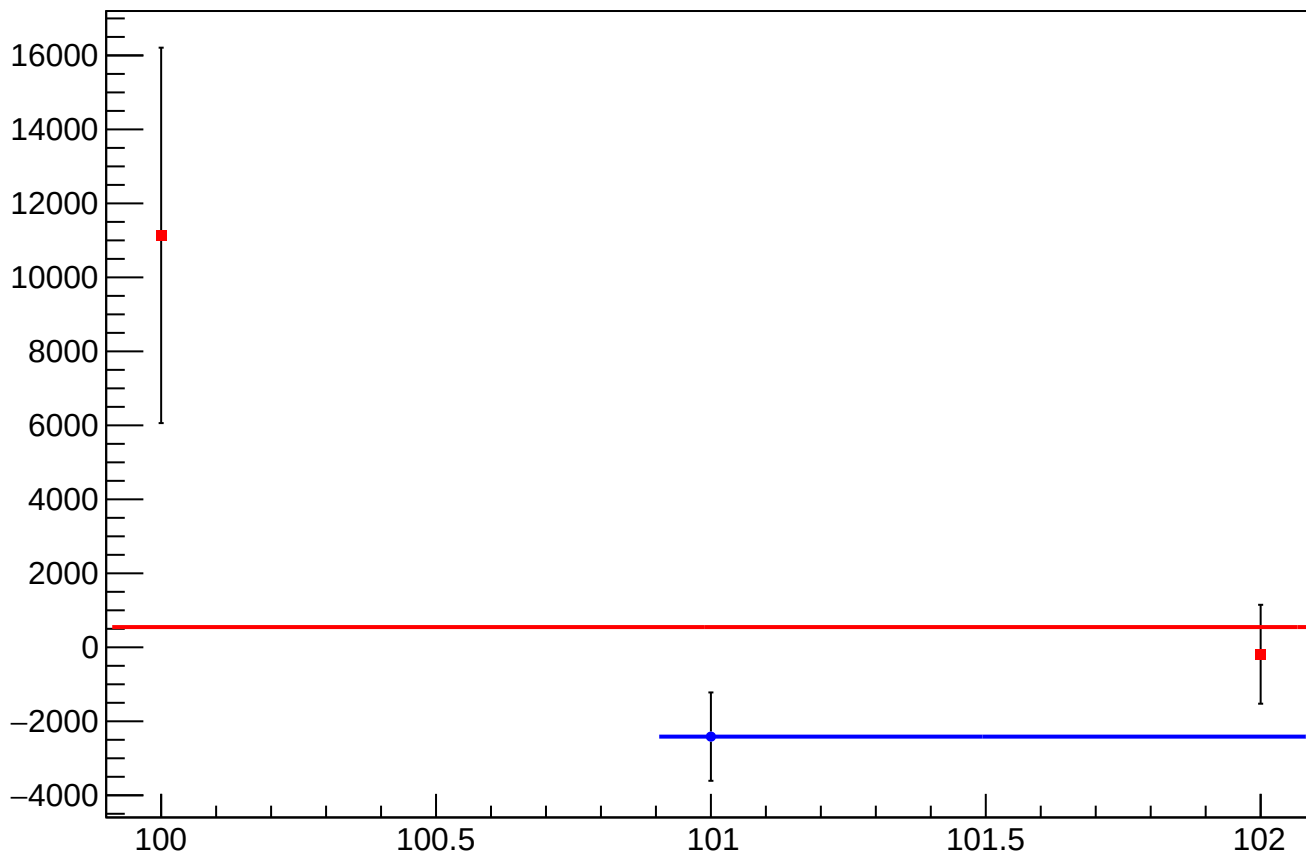
Right: 132.630 $\pm$ 0.085 χ^2 /NDF: 171898.5/2

In: 111.330 $\pm$ 0.102 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 132.630 $\pm$ 0.085 χ^2 /NDF: 171898.5/2

asym_sam_3748_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -2414.224±/-1194.180 χ^2 /NDF: 0.0/0

Left Out: 0.000±/-0.000 χ^2 /NDF: 0.0/0

Right Out: 547.172±/-1292.618 χ^2 /NDF: 4.7/1

Left In: 0.000±/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000±/-0.000 χ^2 /NDF: 0.0/0

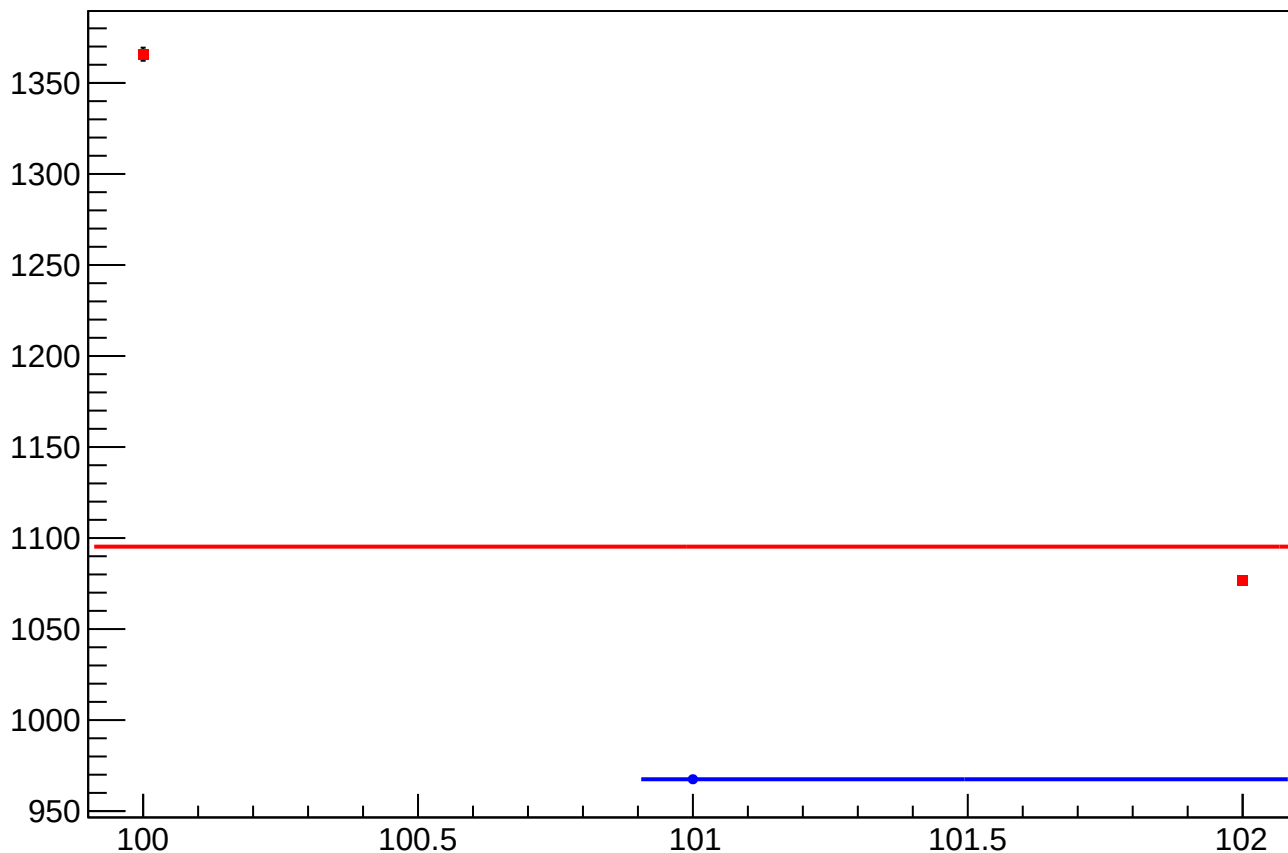
Right: -1050.568±/-877.151 χ^2 /NDF: 7.5/2

In: -2414.224±/-1194.180 χ^2 /NDF: 0.0/0

Out: 0.000±/-0.000 χ^2 /NDF: 0.0/0

All: -1050.568±/-877.151 χ^2 /NDF: 7.5/2

asym_sam_3748_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 967.491 $\pm$ 0.844 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1095.277 $\pm$ 0.914 χ^2 /NDF: 6078.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

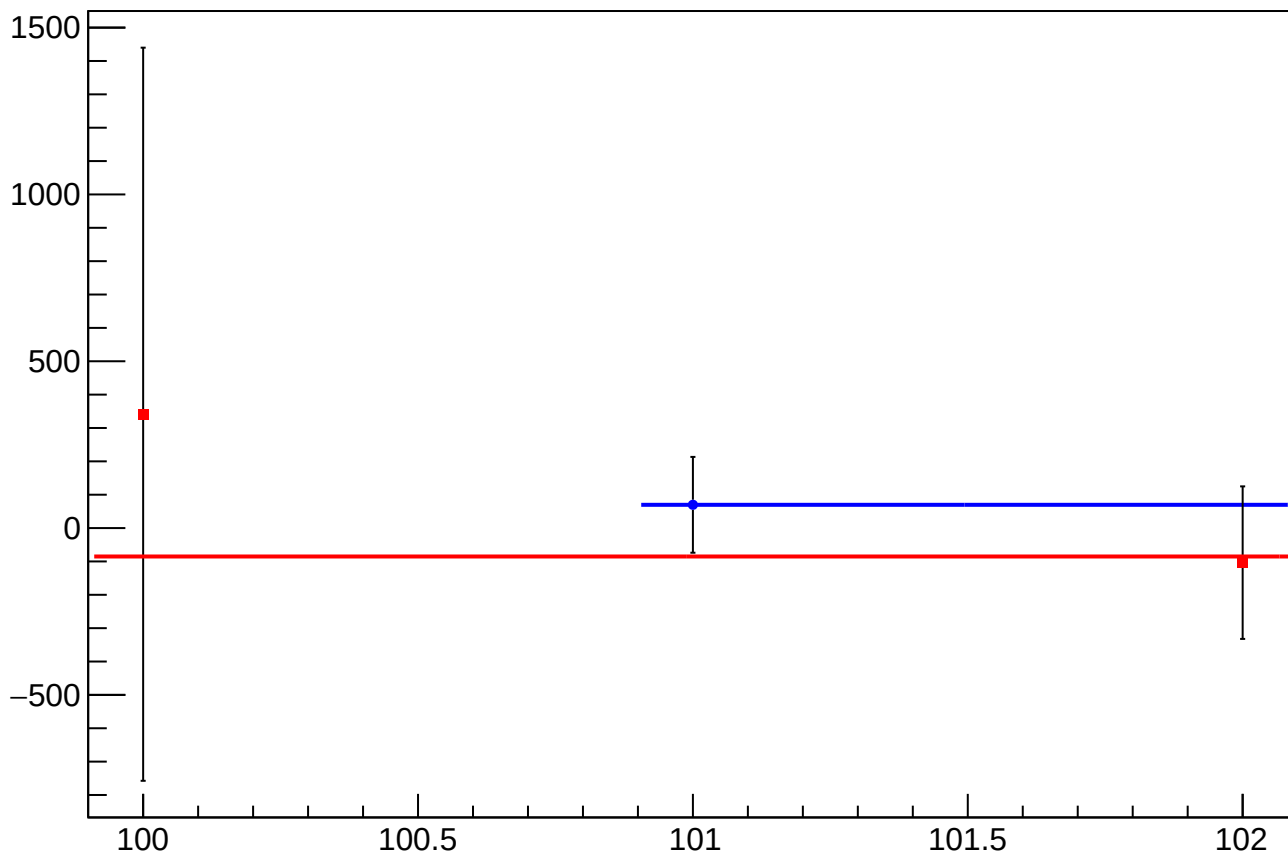
Right: 1026.334 $\pm$ 0.620 χ^2 /NDF: 16624.2/2

In: 967.491 $\pm$ 0.844 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1026.334 $\pm$ 0.620 χ^2 /NDF: 16624.2/2

eigen_dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 69.714+/-143.598 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -85.171+/-223.812 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

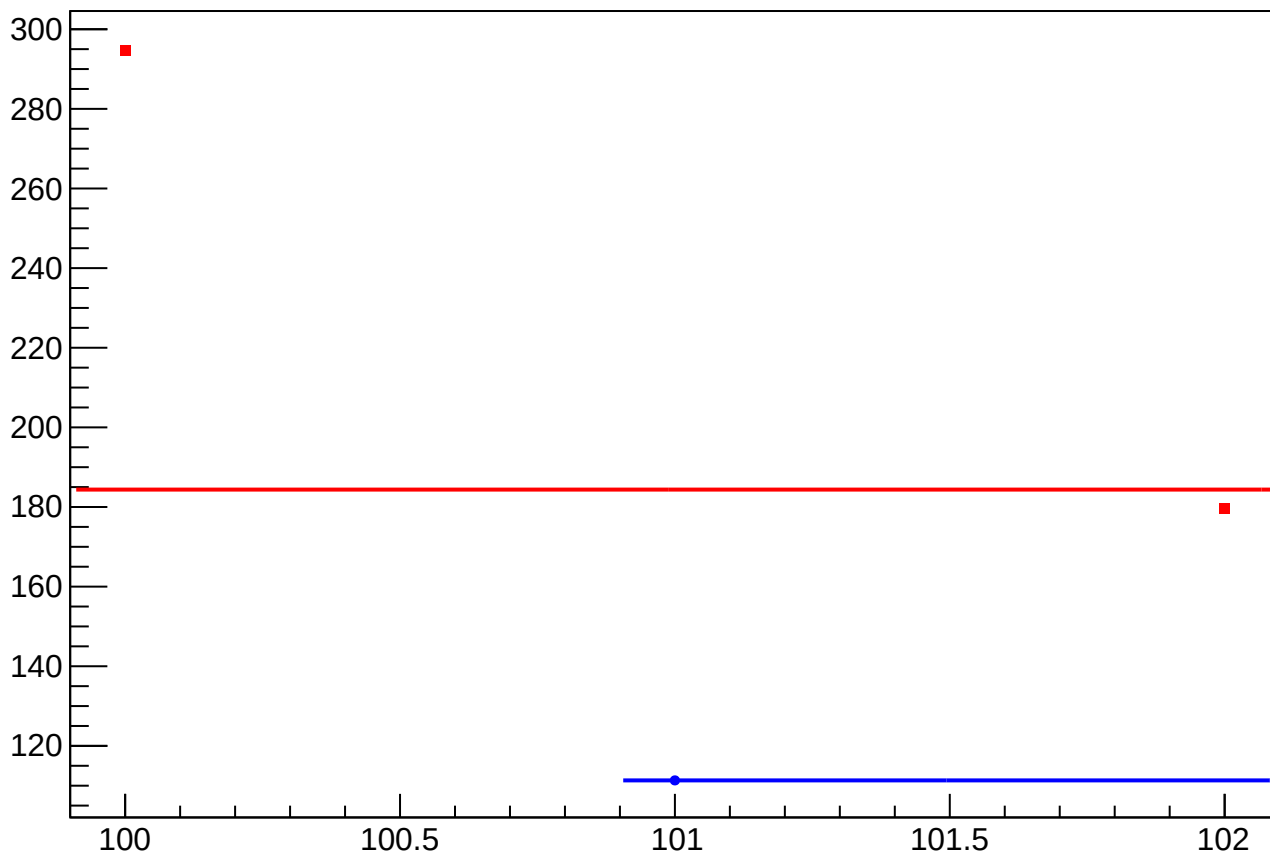
Right: 24.548+/-120.861 χ^2/NDF : 0.5/2

In: 69.714+/-143.598 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.548+/-120.861 χ^2/NDF : 0.5/2

eigen_dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 111.331 $\pm$ 0.102 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 184.373 $\pm$ 0.158 χ^2 /NDF: 20999.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

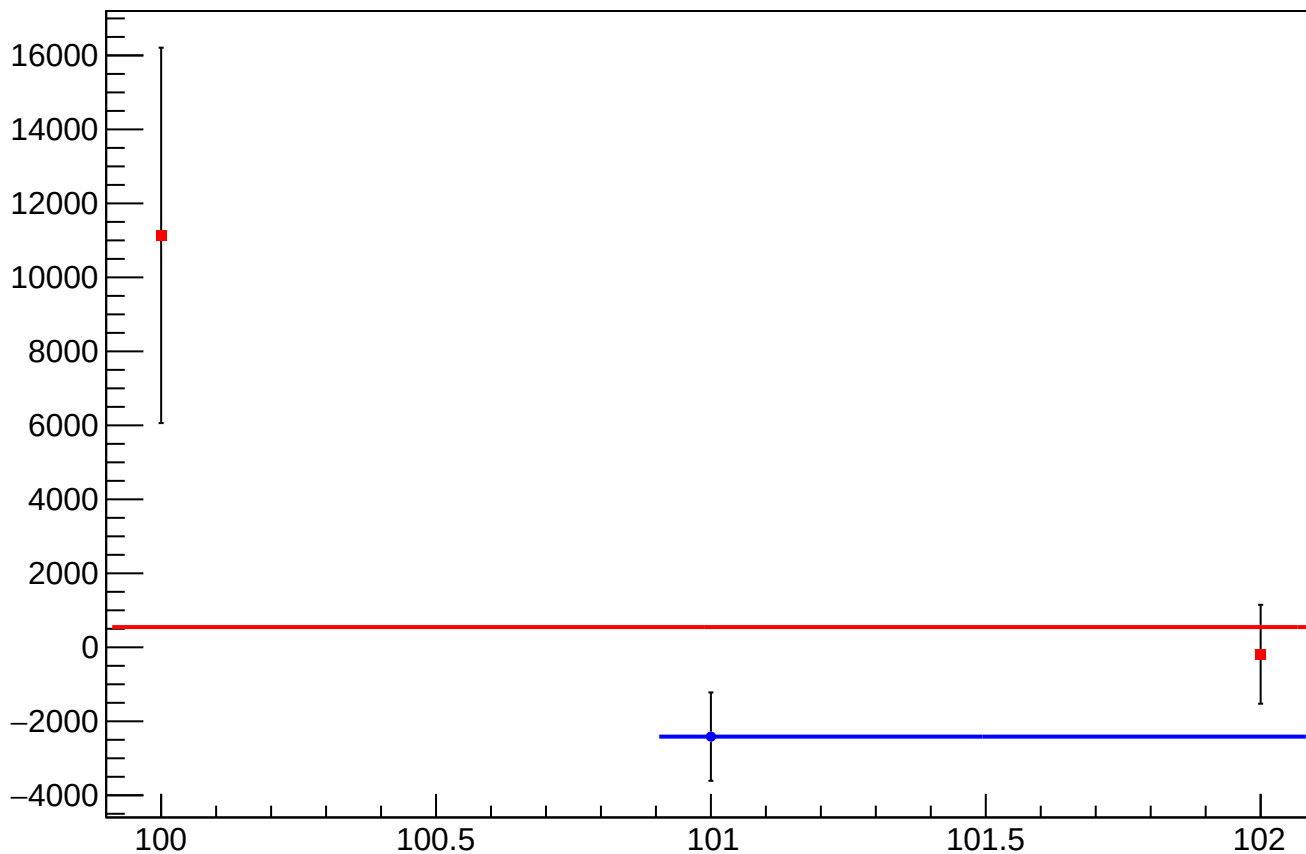
Right: 132.631 $\pm$ 0.085 χ^2 /NDF: 171895.8/2

In: 111.331 $\pm$ 0.102 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 132.631 $\pm$ 0.085 χ^2 /NDF: 171895.8/2

asym_sam_3748_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -2414.220+/-1194.177 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 547.173+/-1292.616 χ^2/NDF : 4.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

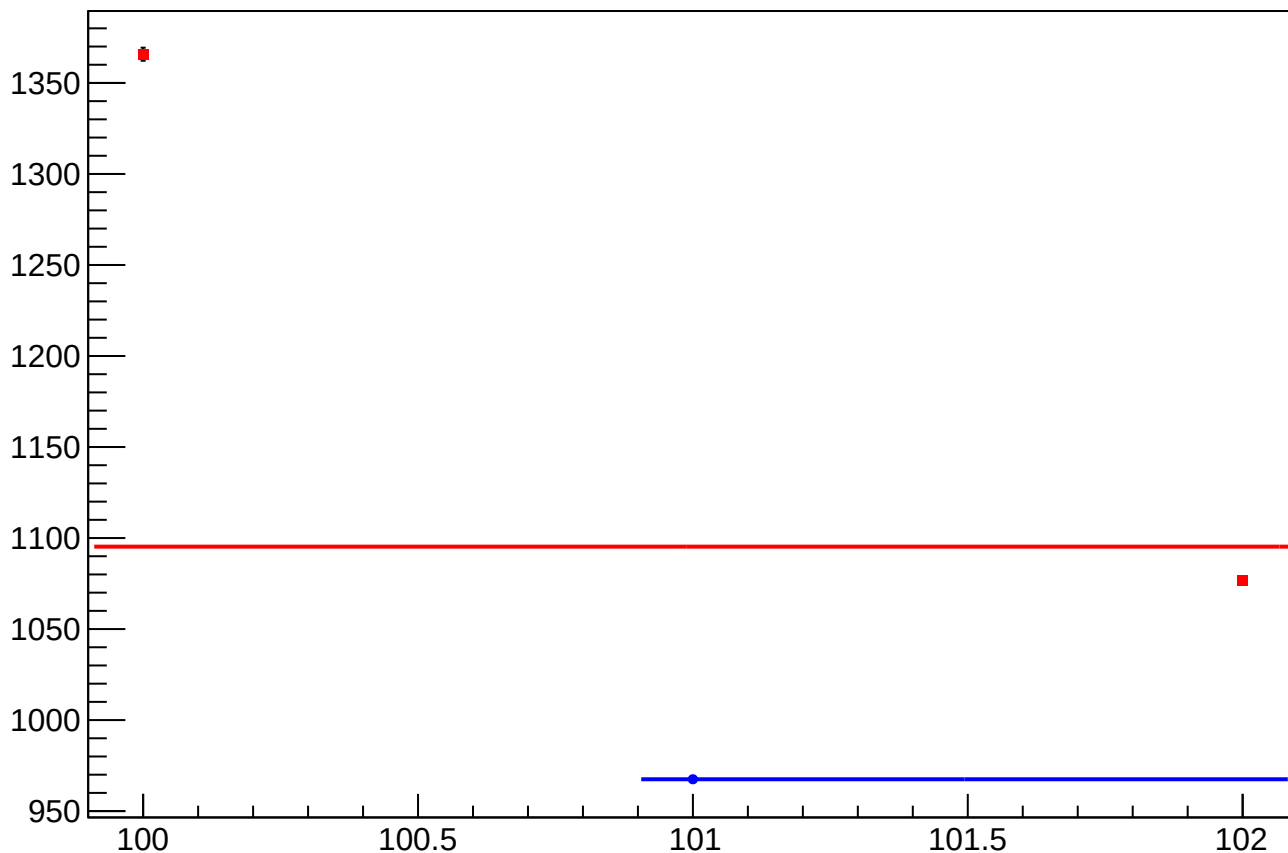
Right: -1050.567+/-877.149 χ^2/NDF : 7.5/2

In: -2414.220+/-1194.177 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1050.567+/-877.149 χ^2/NDF : 7.5/2

asym_sam_3748_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 967.489 $\pm$ 0.844 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1095.275 $\pm$ 0.914 χ^2 /NDF: 6078.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

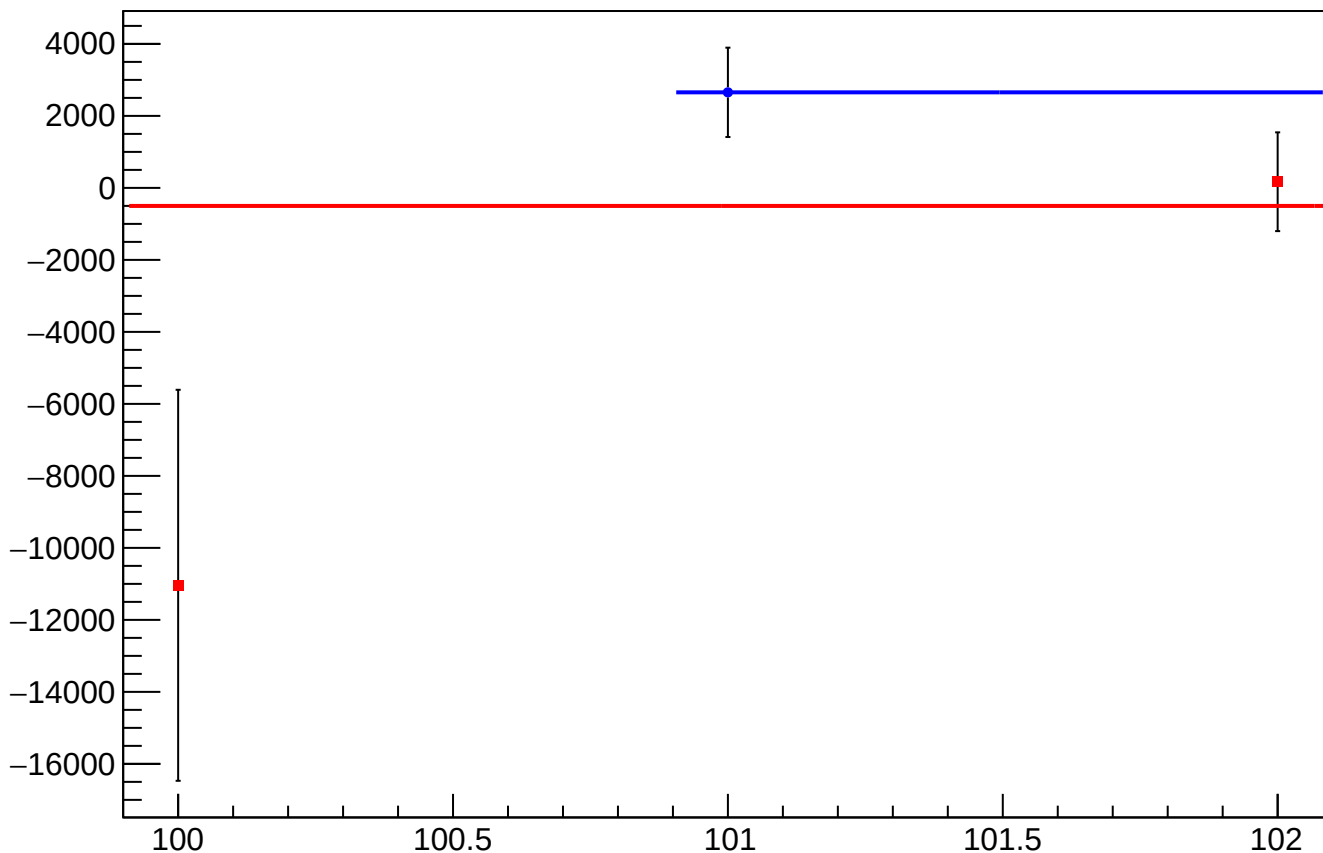
Right: 1026.332 $\pm$ 0.620 χ^2 /NDF: 16624.3/2

In: 967.489 $\pm$ 0.844 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1026.332 $\pm$ 0.620 χ^2 /NDF: 16624.3/2

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 2654.255+/-1240.933 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -501.087+/-1329.804 χ^2/NDF : 4.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

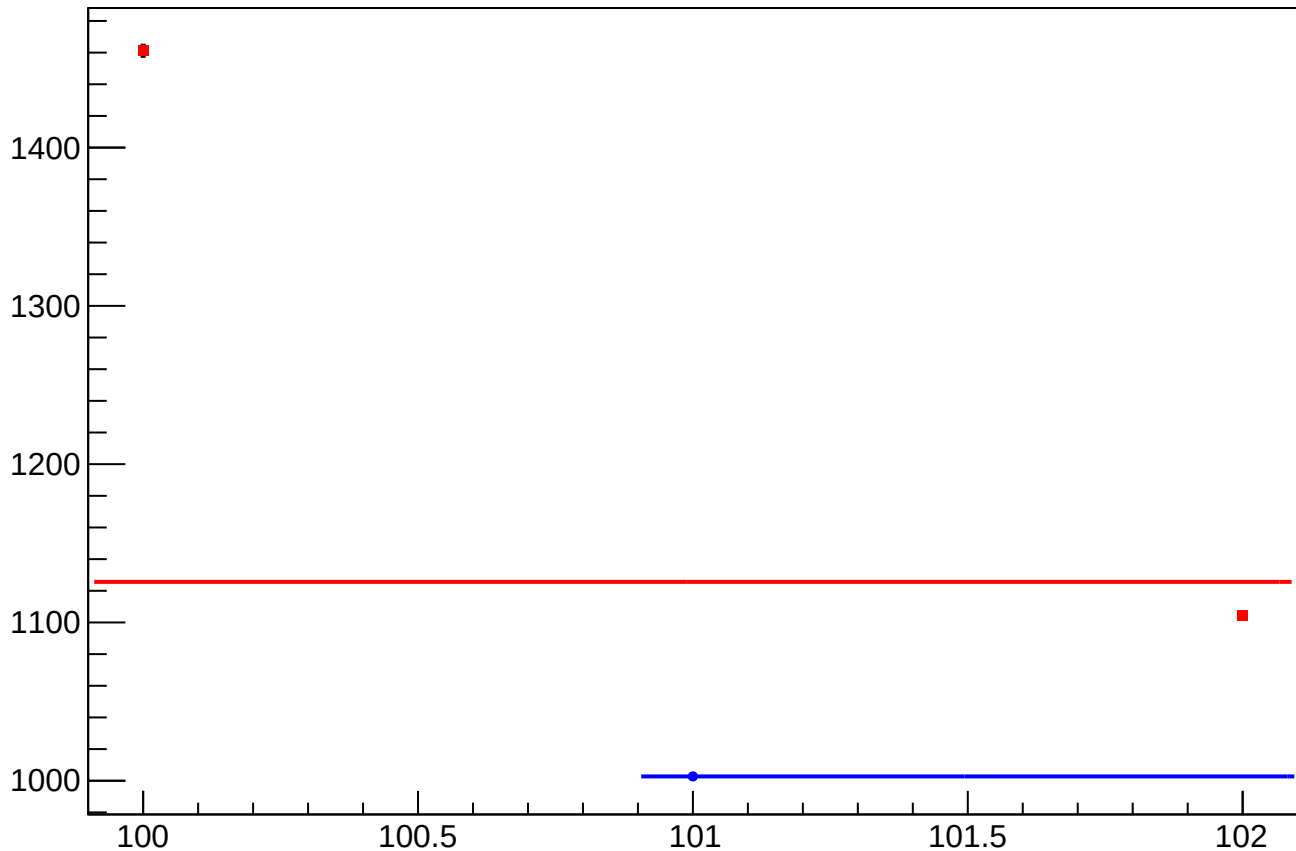
Right: 1185.535+/-907.265 χ^2/NDF : 7.0/2

In: 2654.255+/-1240.933 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1185.535+/-907.265 χ^2/NDF : 7.0/2

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 1002.740 $\pm$ 0.877 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1125.645 $\pm$ 0.940 χ^2 /NDF: 8121.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

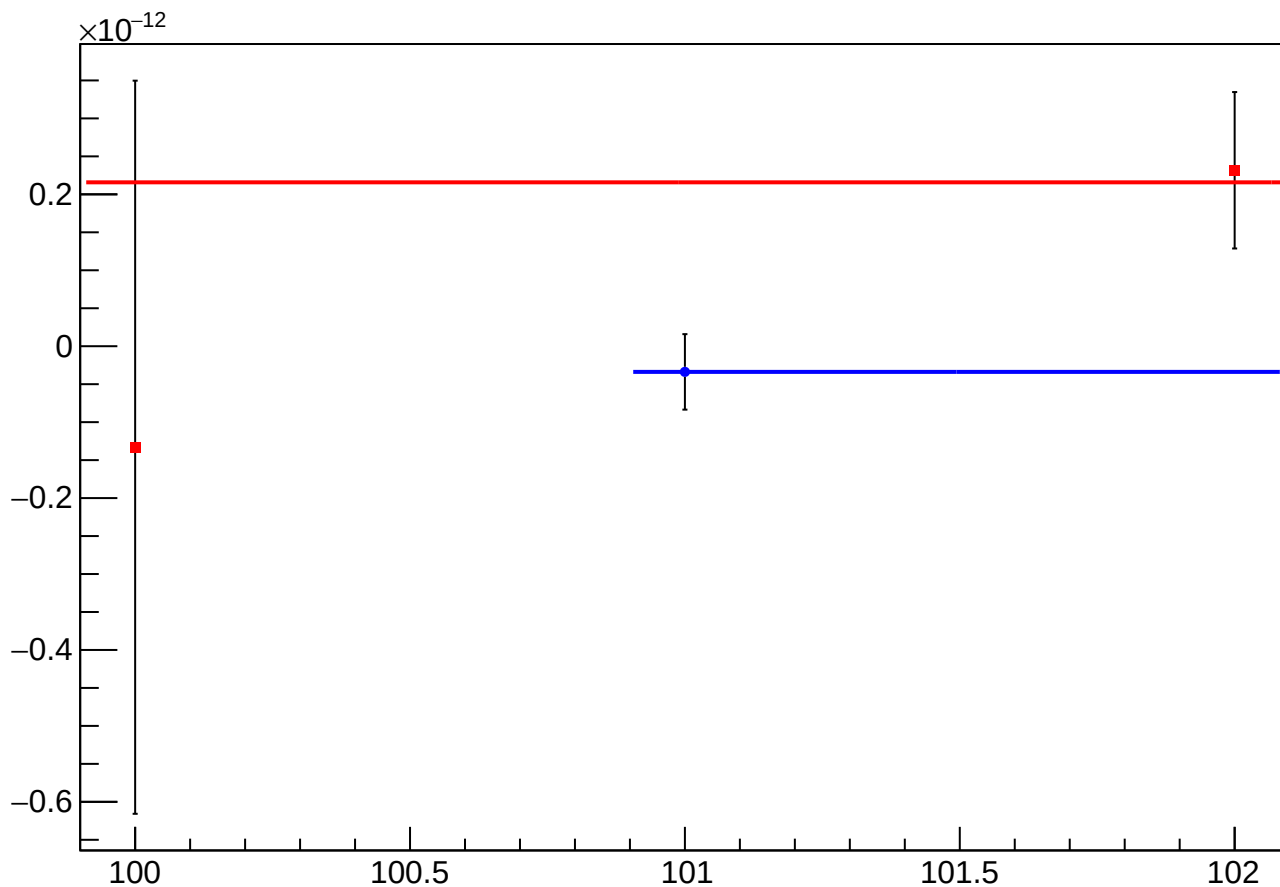
Right: 1059.949 $\pm$ 0.642 χ^2 /NDF: 17253.0/2

In: 1002.740 $\pm$ 0.877 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1059.949 $\pm$ 0.642 χ^2 /NDF: 17253.0/2

asym_sam_3748_avg_reg_vs_cor_diff_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 : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

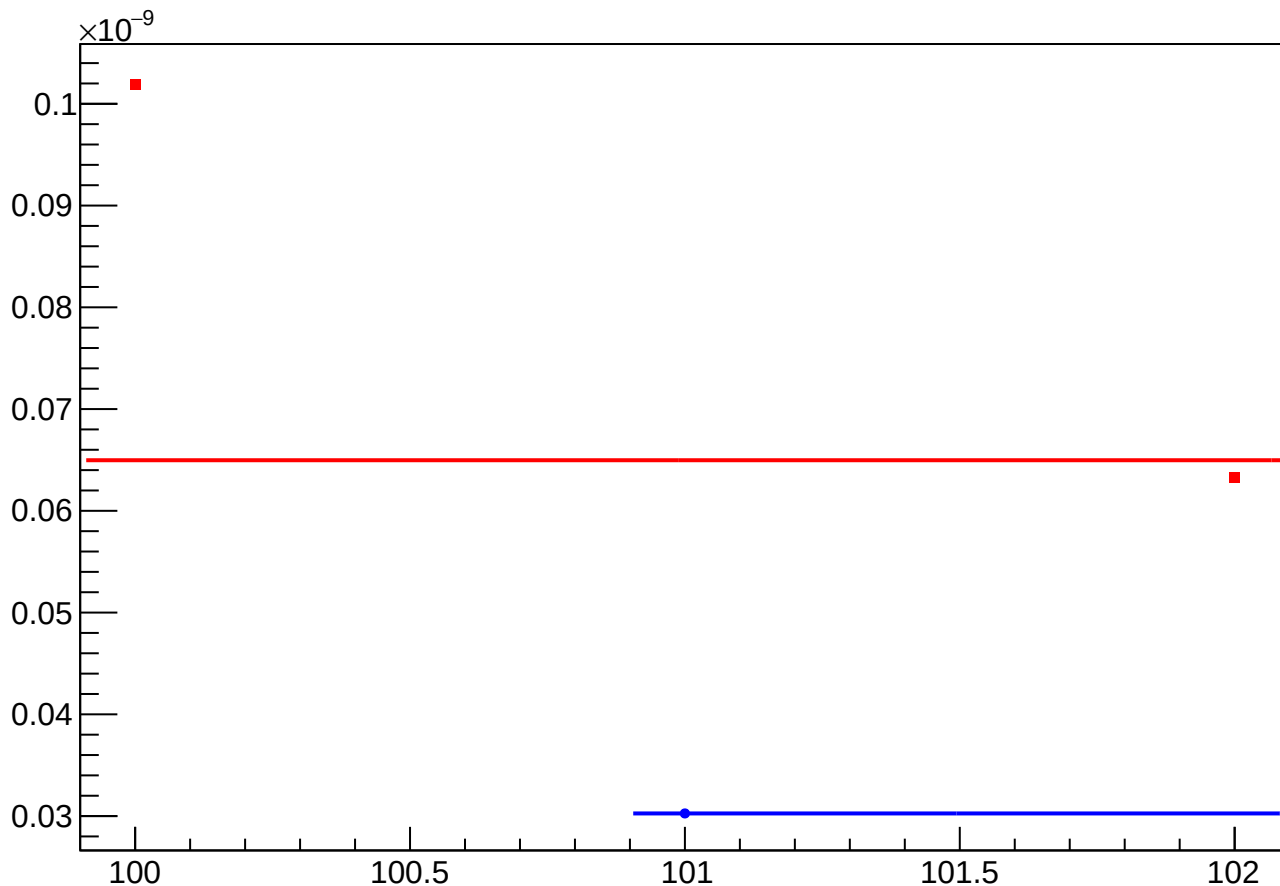
Right: 0.000+/-0.000 χ^2/NDF : 5.5/2

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 : 5.5/2

asym_sam_3748_avg_reg_vs_cor_diff_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 : 12258.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

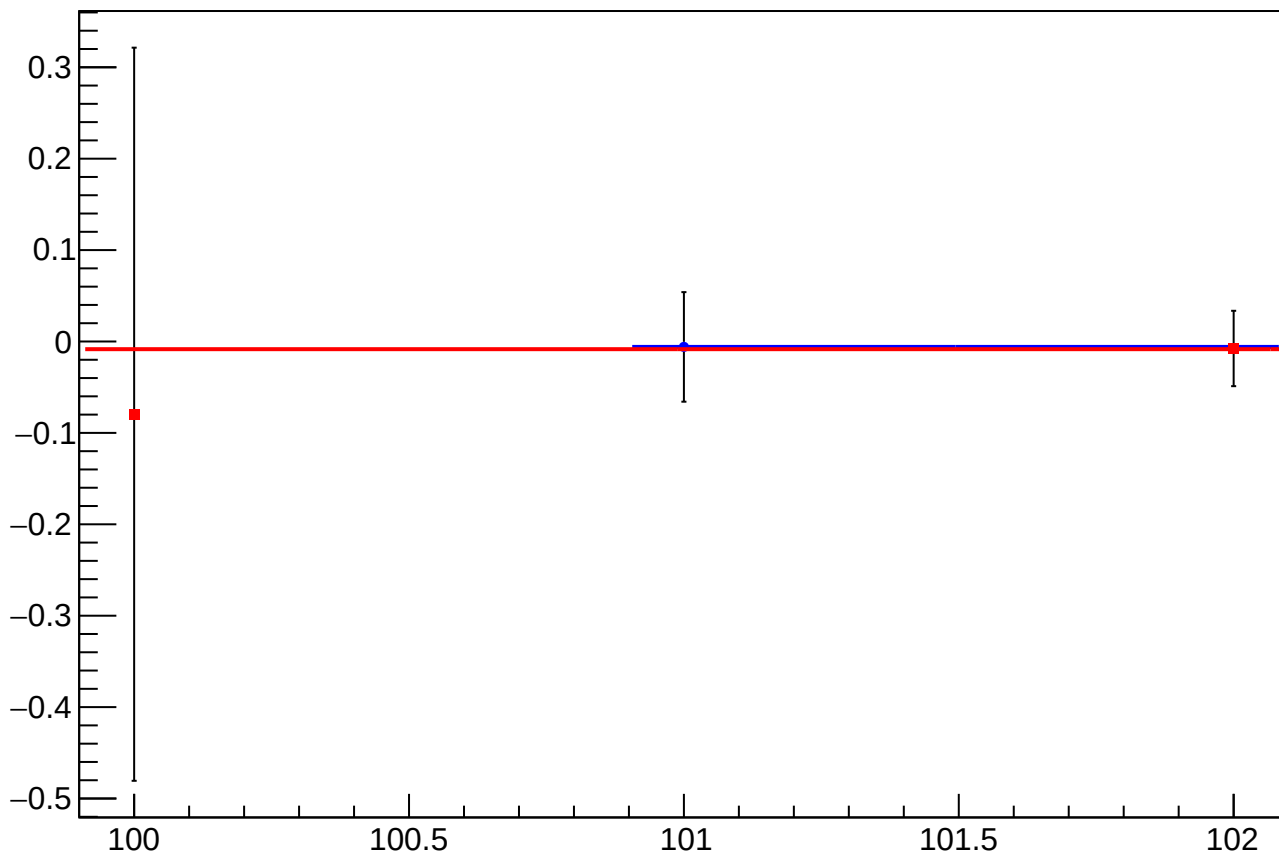
Right: 0.000+/-0.000 χ^2/NDF : 203247.7/2

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 : 203247.7/2

asym_sam_3748_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.060 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.008 $\pm$ 0.041 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

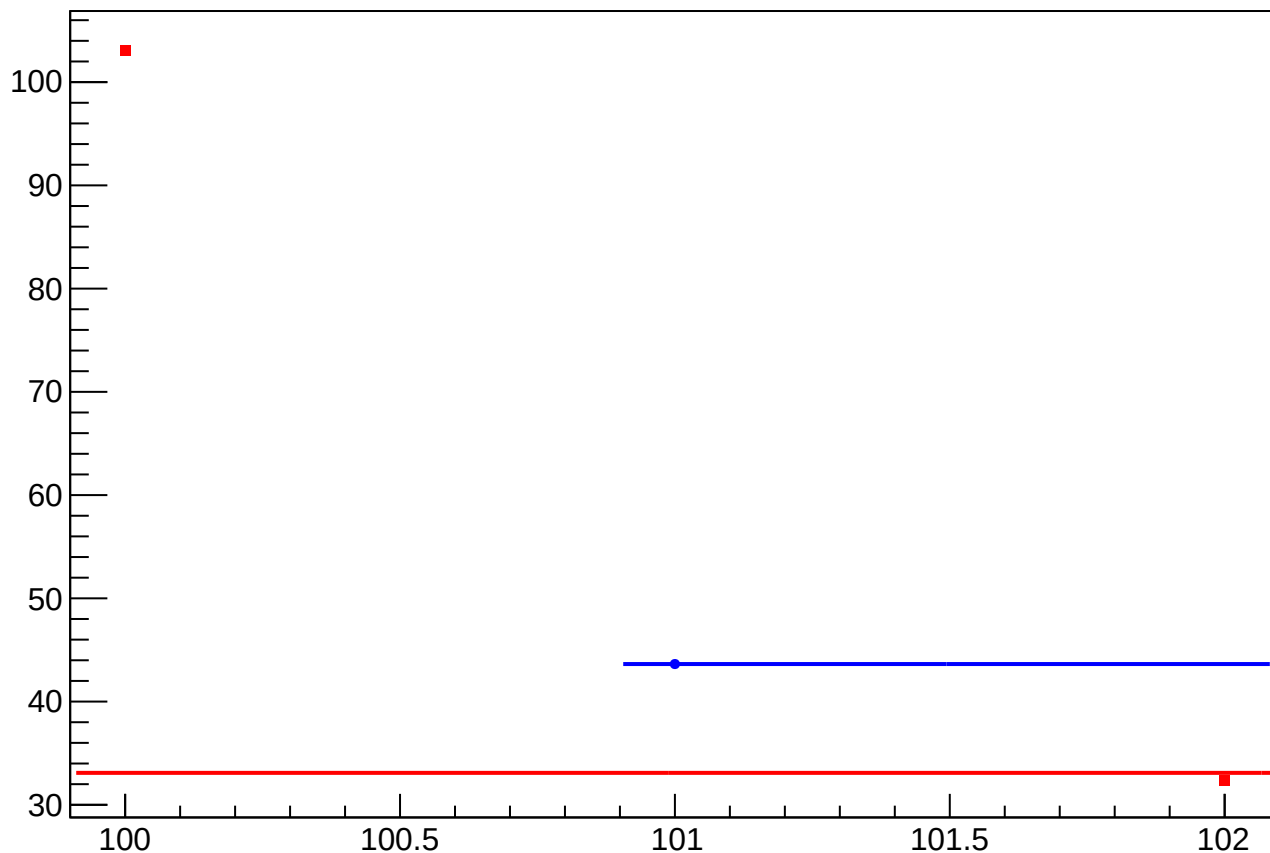
Right: -0.008 $\pm$ 0.034 χ^2 /NDF: 0.0/2

In: -0.006 $\pm$ 0.060 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.034 χ^2 /NDF: 0.0/2

asym_sam_3748_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 43.636 $\pm$ 0.042 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 33.095 $\pm$ 0.029 χ^2 /NDF: 61507.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

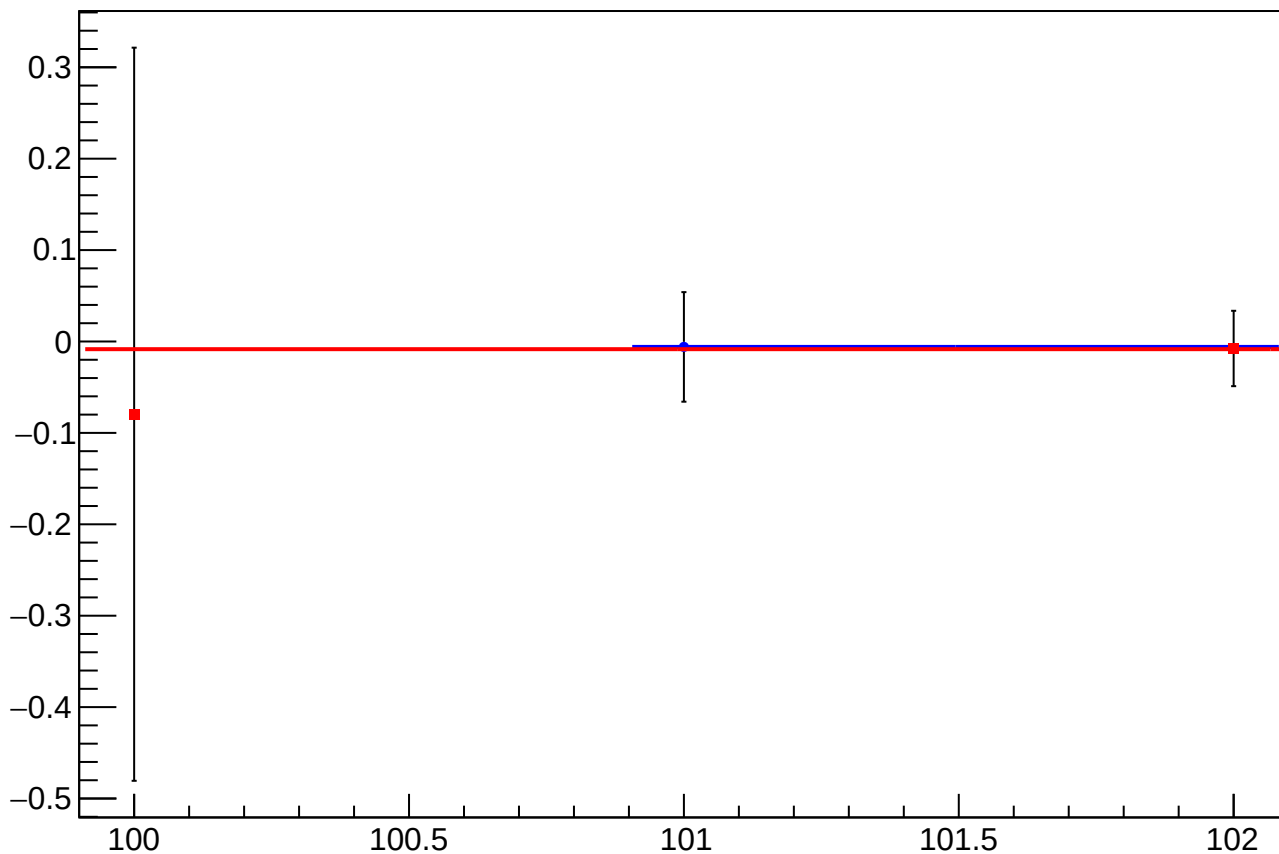
Right: 36.457 $\pm$ 0.024 χ^2 /NDF: 103632.6/2

In: 43.636 $\pm$ 0.042 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.457 $\pm$ 0.024 χ^2 /NDF: 103632.6/2

asym_sam_3748_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006+/-0.060 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.008+/-0.041 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

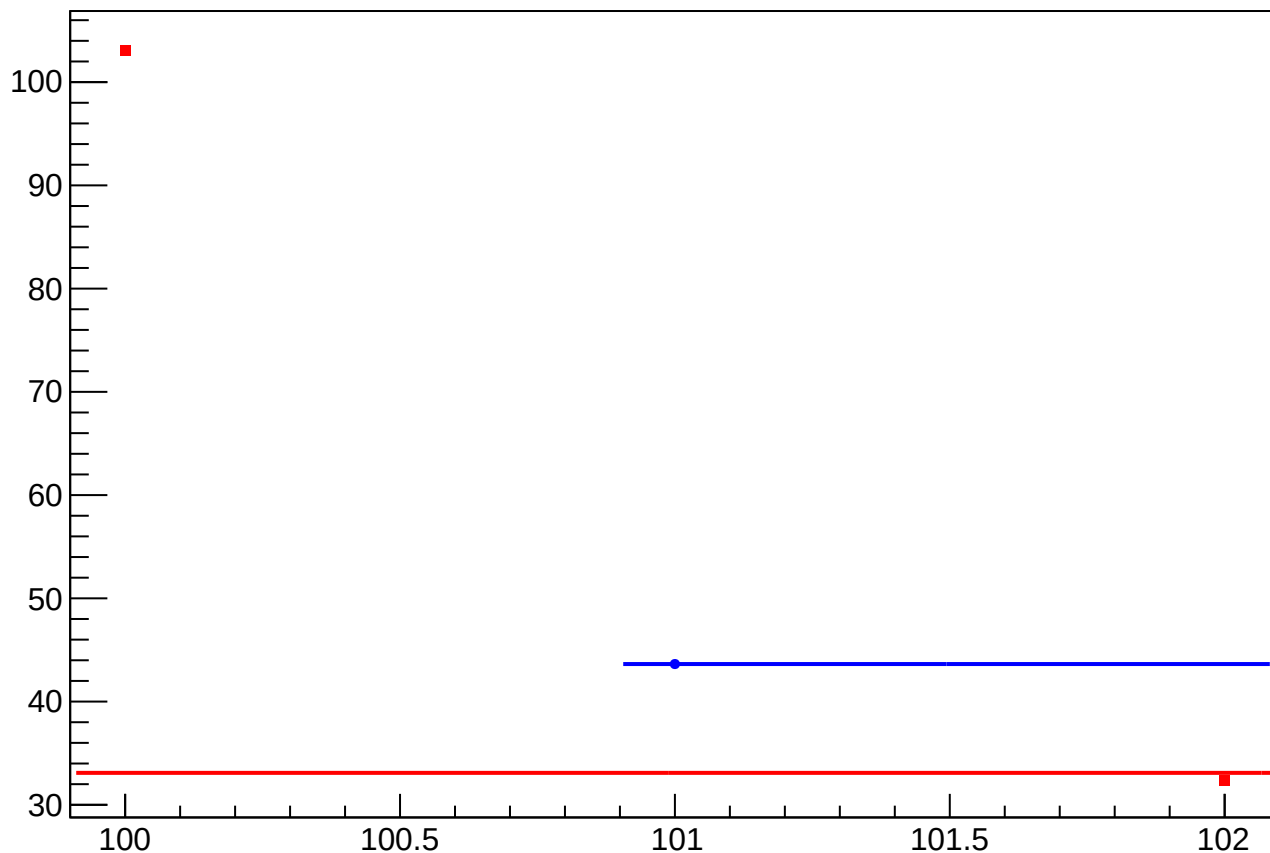
Right: -0.008+/-0.034 χ^2/NDF : 0.0/2

In: -0.006+/-0.060 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.034 χ^2/NDF : 0.0/2

asym_sam_3748_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 43.636 $\pm$ 0.042 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 33.095 $\pm$ 0.029 χ^2 /NDF: 61507.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

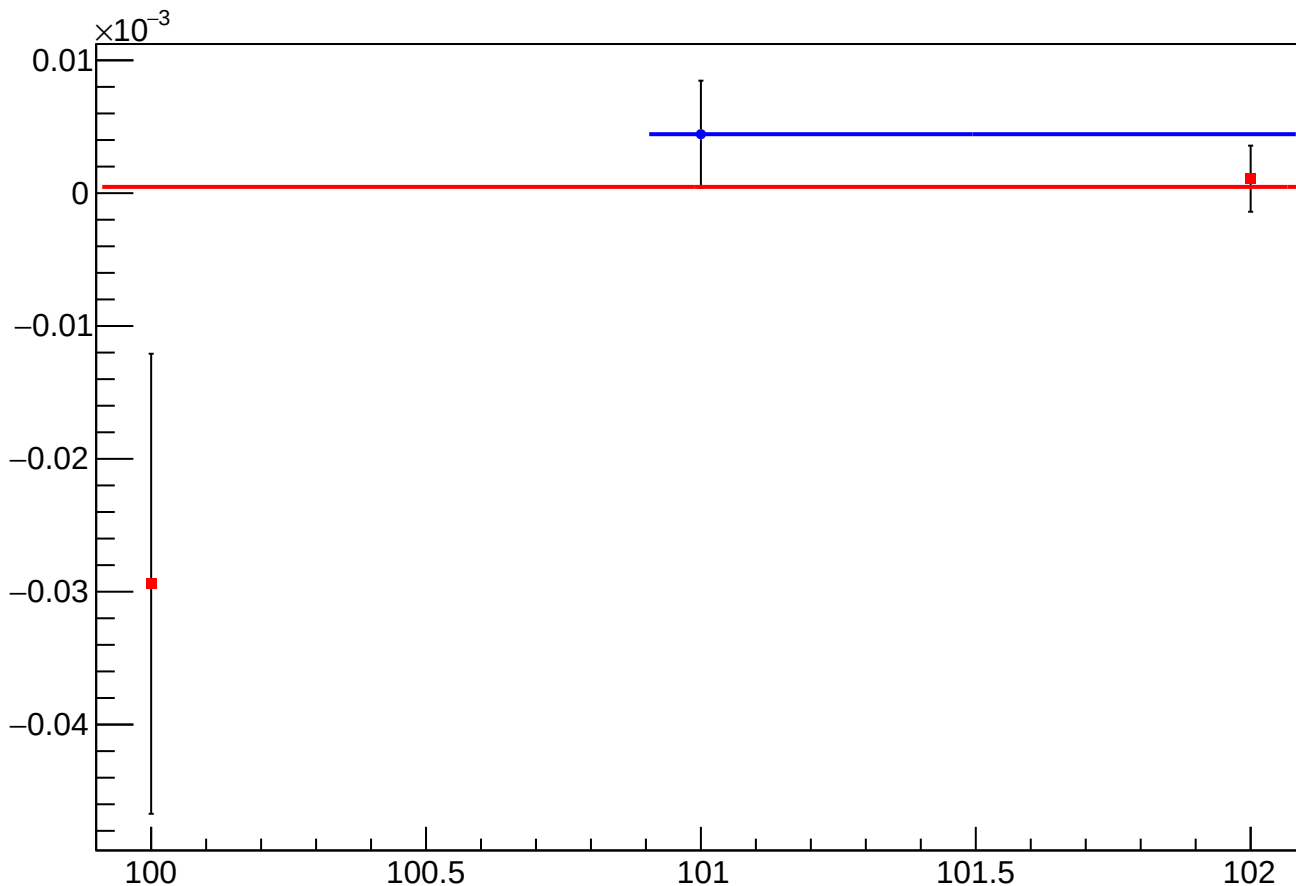
Right: 36.457 $\pm$ 0.024 χ^2 /NDF: 103632.6/2

In: 43.636 $\pm$ 0.042 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.457 $\pm$ 0.024 χ^2 /NDF: 103632.6/2

asym_sam_3748_avg_eigen_dit_vs_dit_diff_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 : 3.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

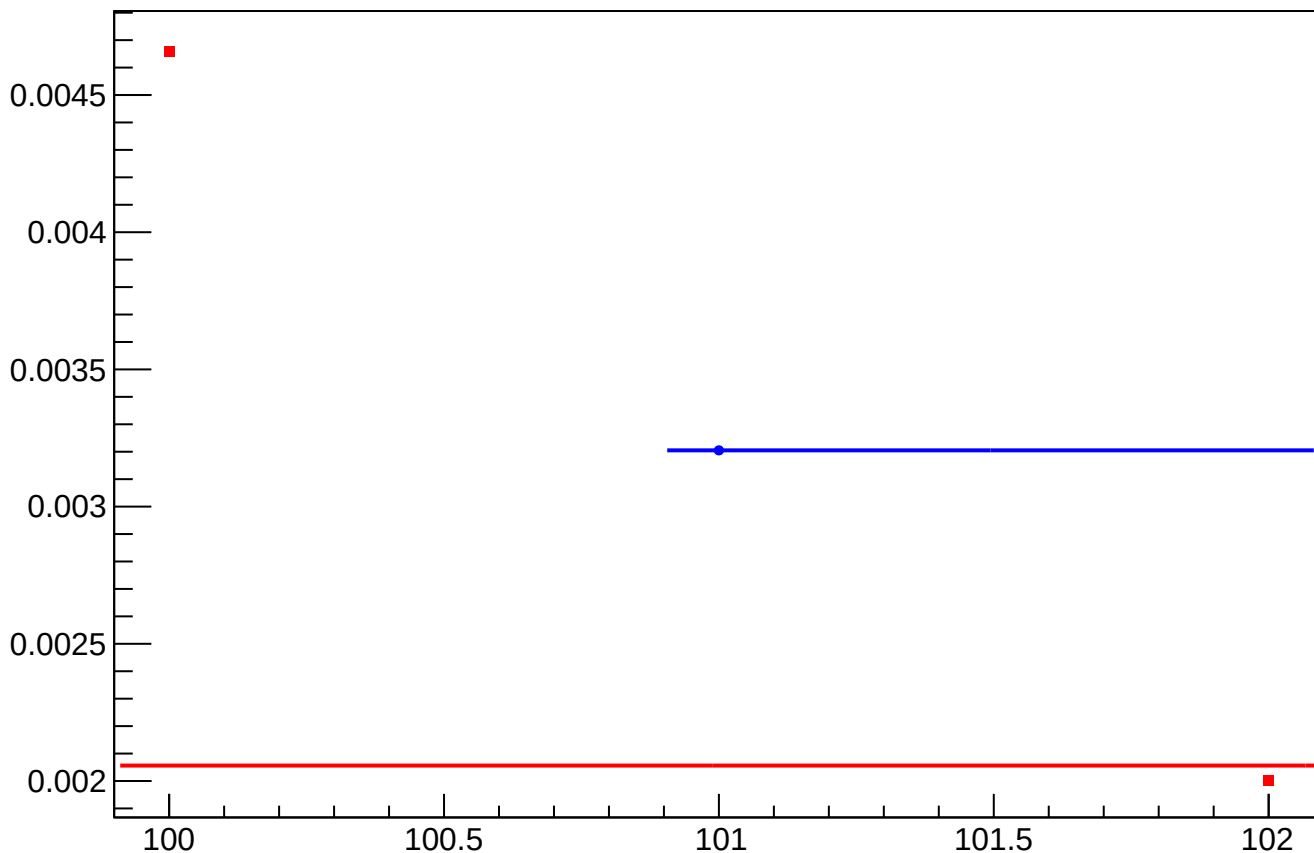
Right: 0.000+/-0.000 χ^2/NDF : 3.7/2

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 : 3.7/2

asym_sam_3748_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 46172.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

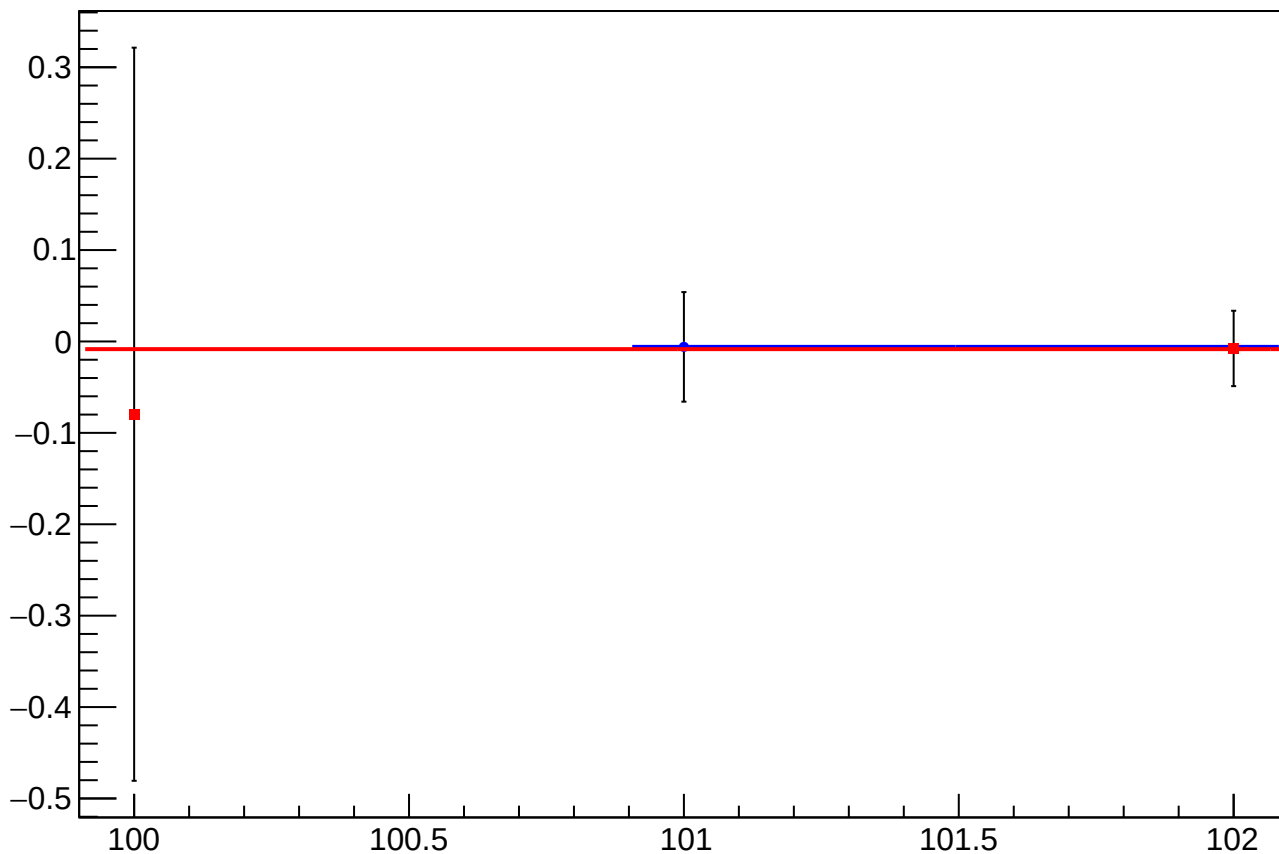
Right: 0.002 $\pm$ 0.000 χ^2 /NDF: 164570.1/2

In: 0.003 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 164570.1/2

asym_sam_3748_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006+/-0.060 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.008+/-0.041 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

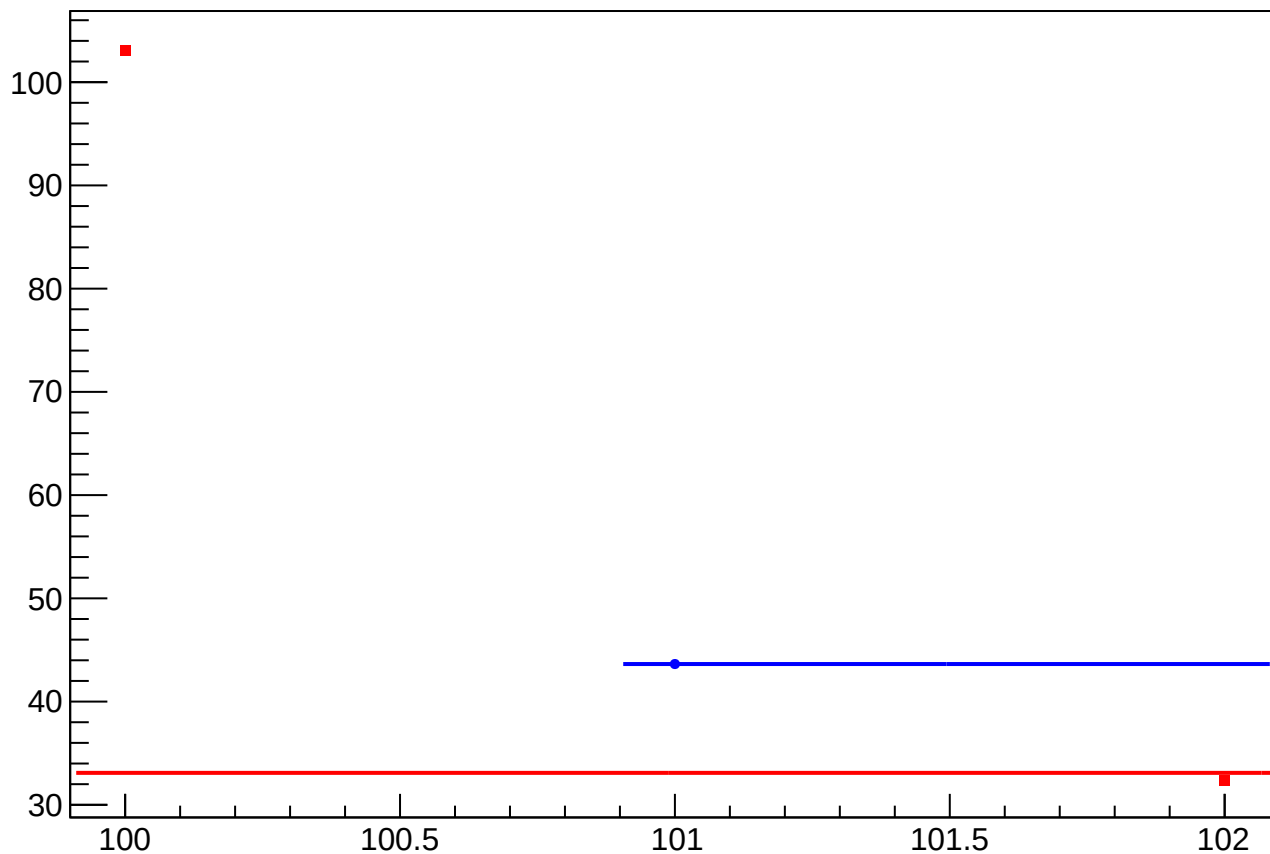
Right: -0.008+/-0.034 χ^2/NDF : 0.0/2

In: -0.006+/-0.060 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.034 χ^2/NDF : 0.0/2

asym_sam_3748_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 43.637 $\pm$ 0.042 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 33.096 $\pm$ 0.029 χ^2 /NDF: 61508.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

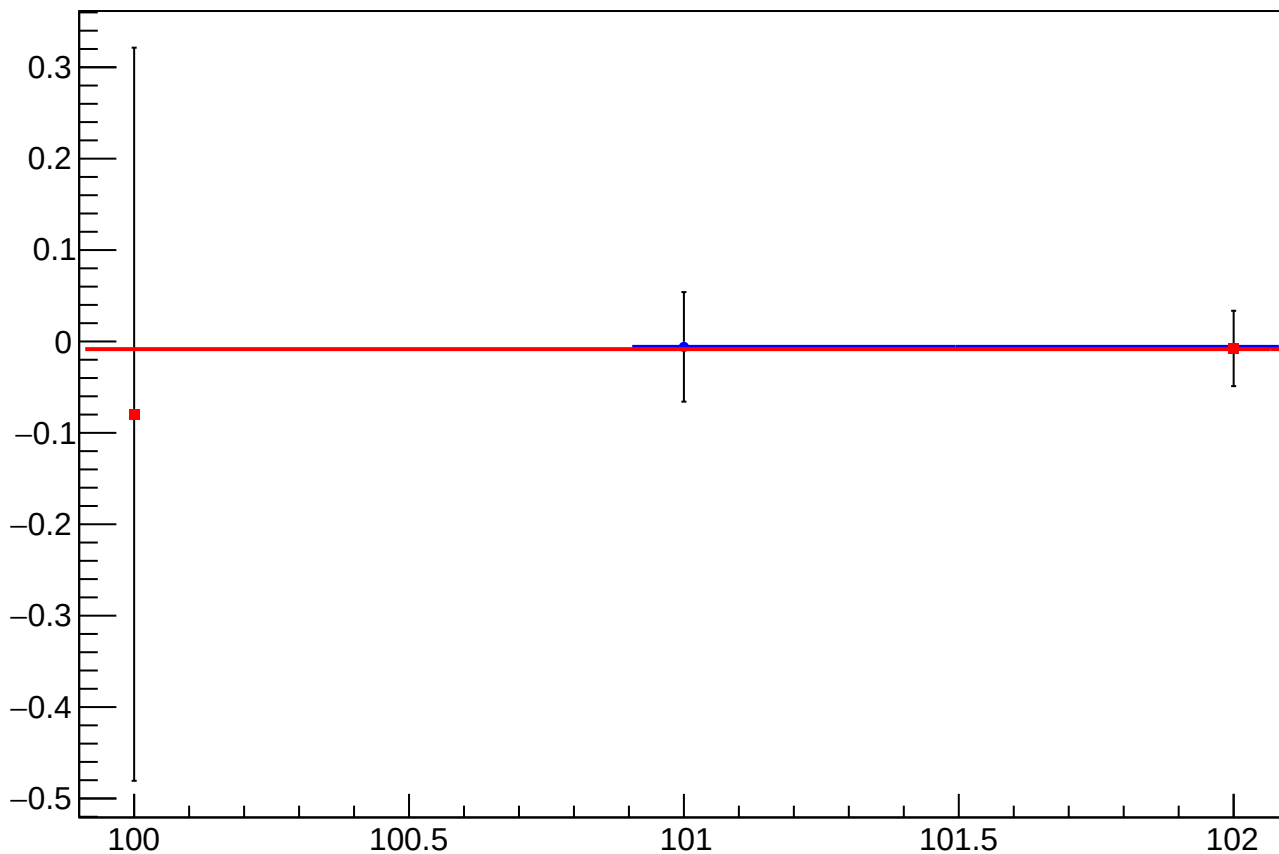
Right: 36.458 $\pm$ 0.024 χ^2 /NDF: 103641.2/2

In: 43.637 $\pm$ 0.042 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.458 $\pm$ 0.024 χ^2 /NDF: 103641.2/2

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006+/-0.060 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.008+/-0.041 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

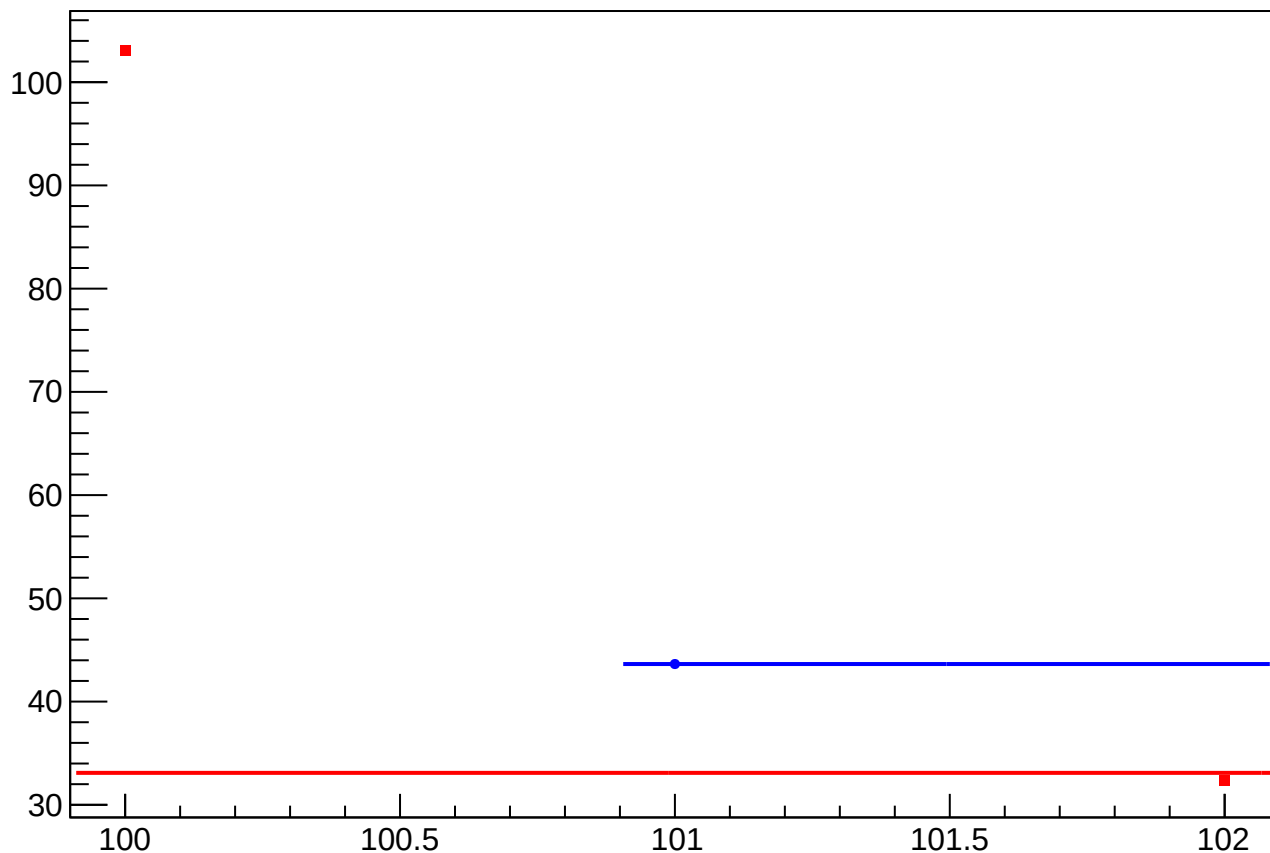
Right: -0.008+/-0.034 χ^2/NDF : 0.0/2

In: -0.006+/-0.060 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.034 χ^2/NDF : 0.0/2

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 43.637 $\pm$ 0.042 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 33.096 $\pm$ 0.029 χ^2 /NDF: 61508.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

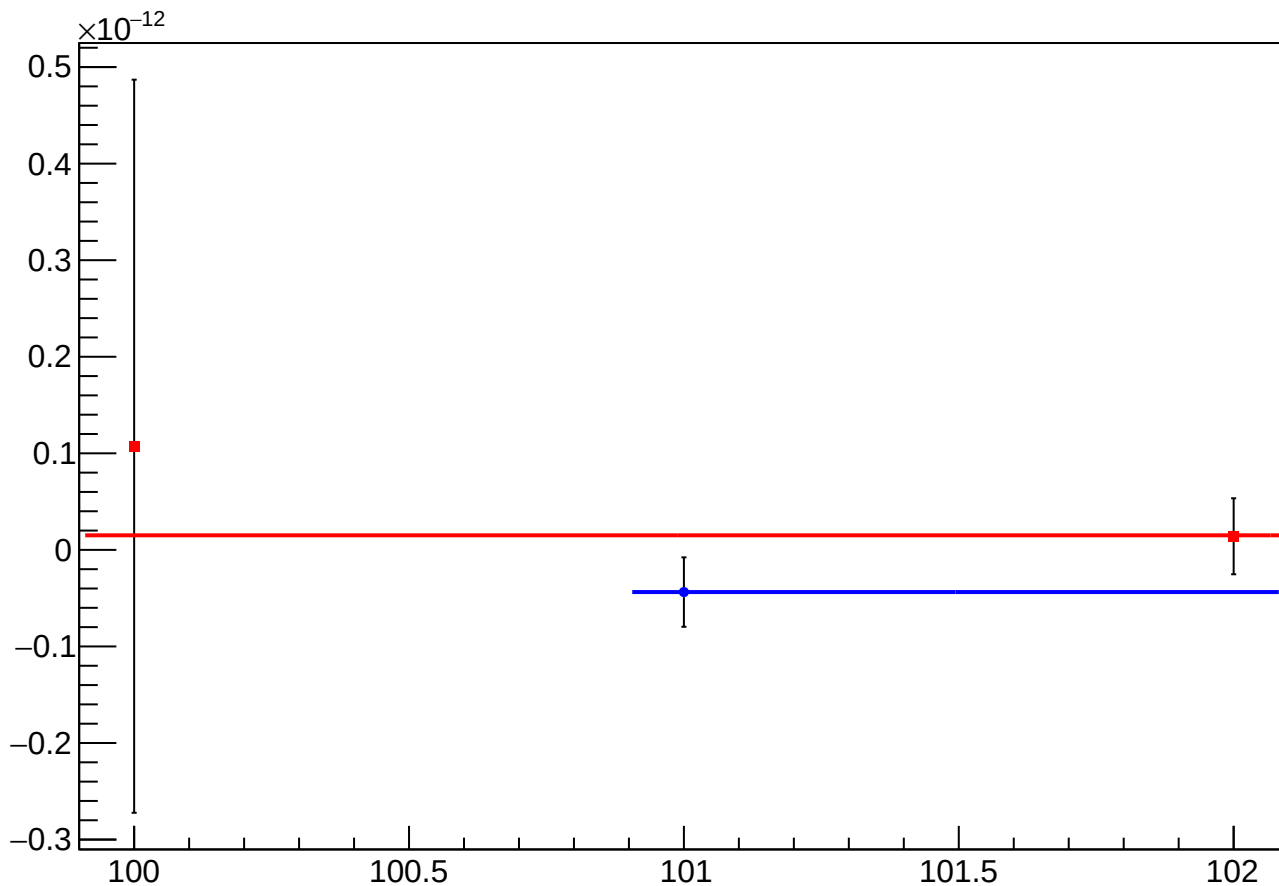
Right: 36.458 $\pm$ 0.024 χ^2 /NDF: 103641.2/2

In: 43.637 $\pm$ 0.042 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.458 $\pm$ 0.024 χ^2 /NDF: 103641.2/2

asym_sam_3748_avg_eigen_cor_vs_cor_diff_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 : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

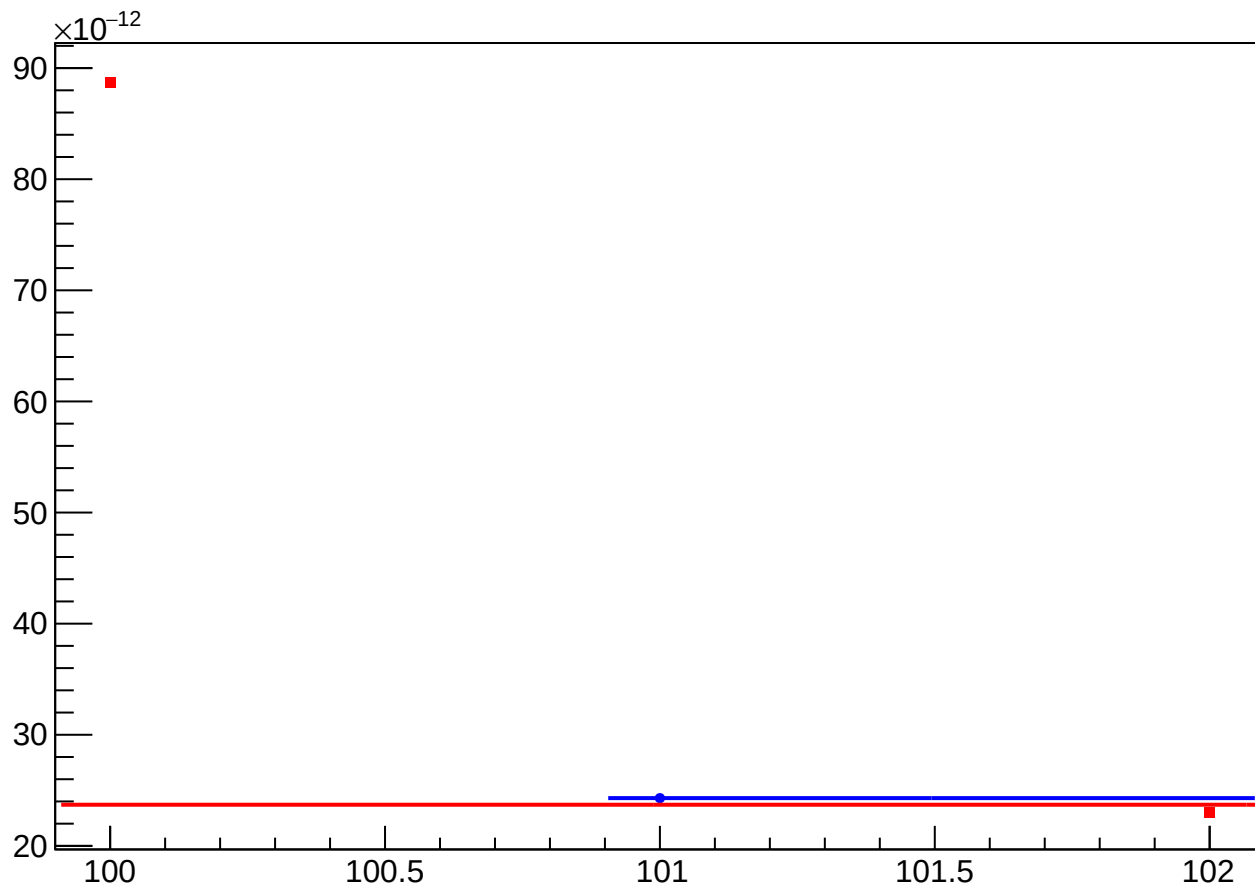
Right: -0.000+/-0.000 χ^2/NDF : 1.3/2

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 : 1.3/2

asym_sam_3748_avg_eigen_cor_vs_cor_diff_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 : 59241.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

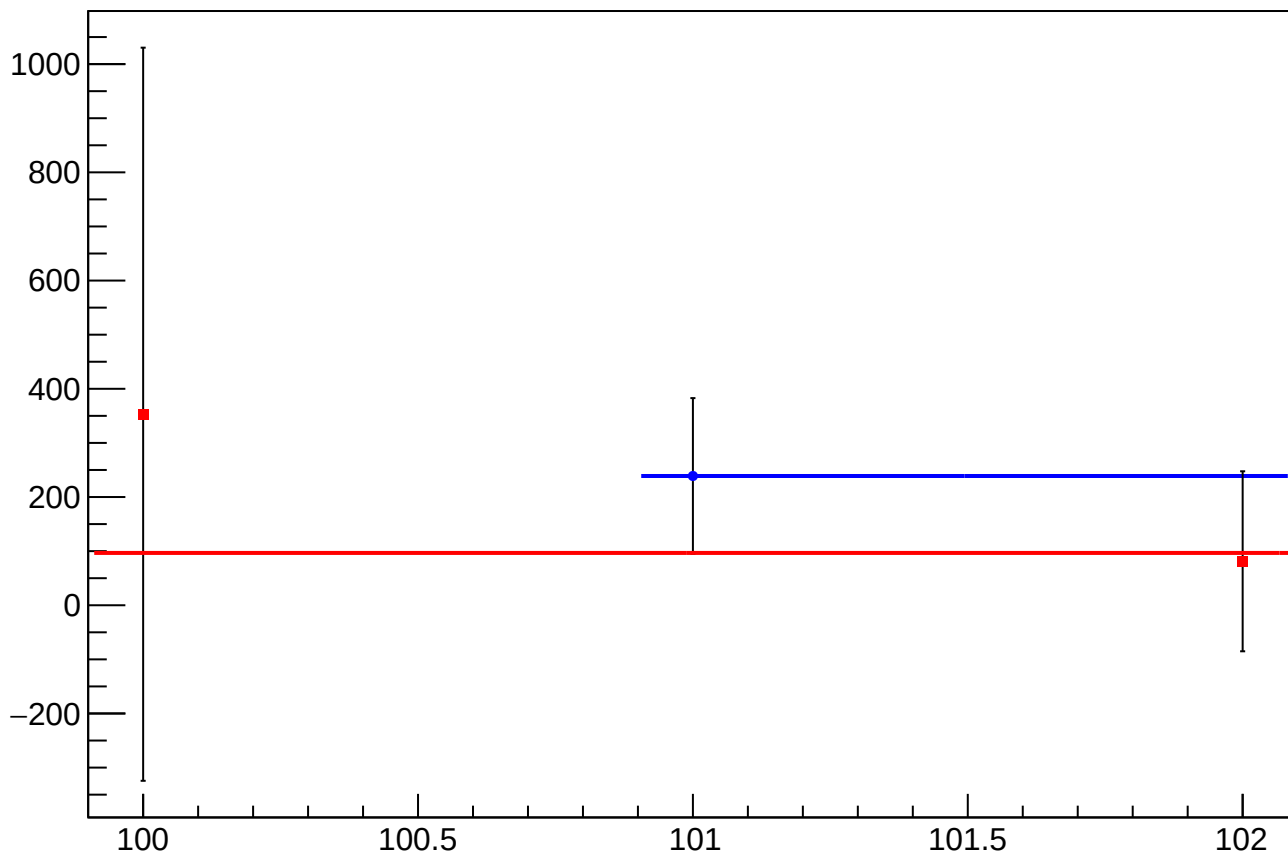
Right: 0.000+/-0.000 χ^2/NDF : 59492.7/2

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 : 59492.7/2

reg_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 238.871 $\pm$ 143.927 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 96.691 $\pm$ 161.528 χ^2/NDF : 0.2/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

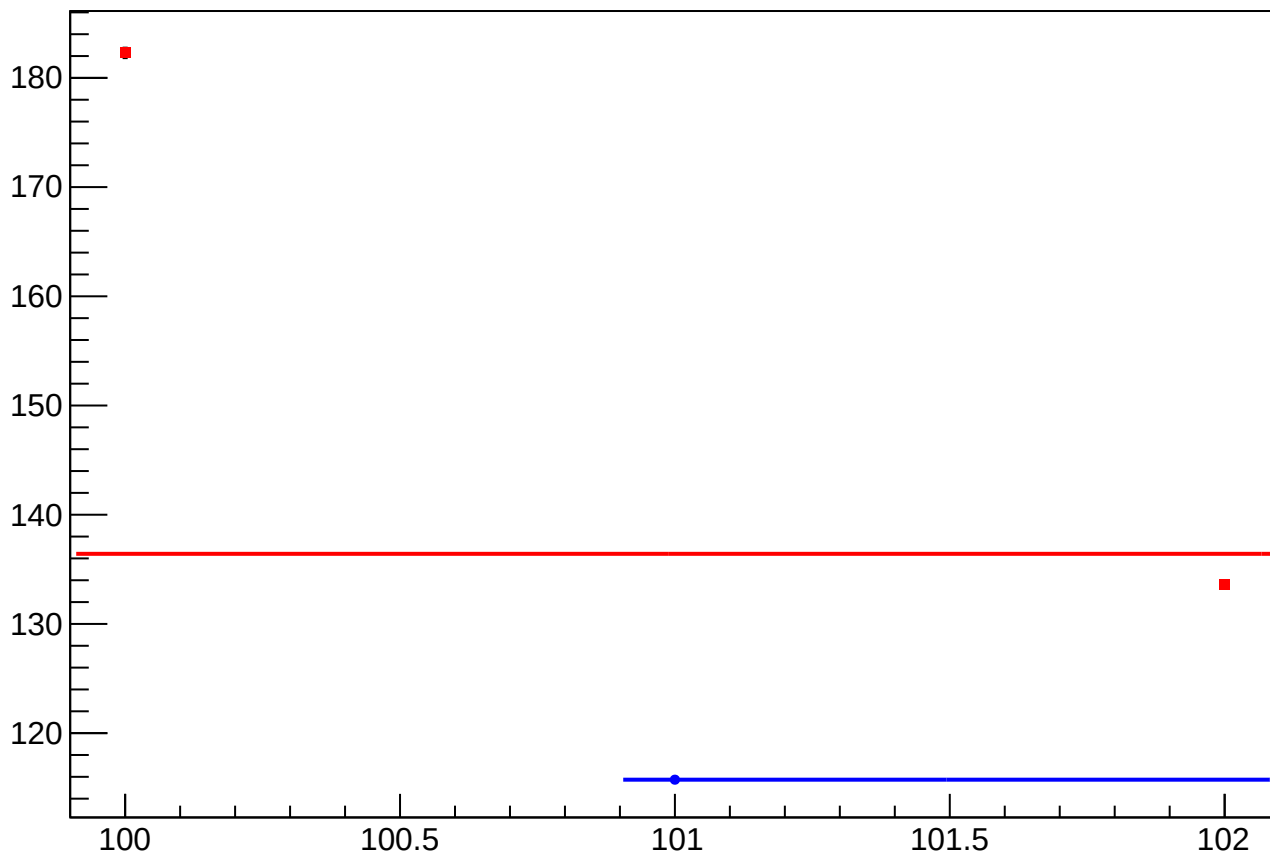
Right: 175.947 $\pm$ 107.458 χ^2/NDF : 0.6/2

In: 238.871 $\pm$ 143.927 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 175.947 $\pm$ 107.458 χ^2/NDF : 0.6/2

reg_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 115.738 $\pm$ 0.102 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 136.419 $\pm$ 0.114 χ^2 /NDF: 9723.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

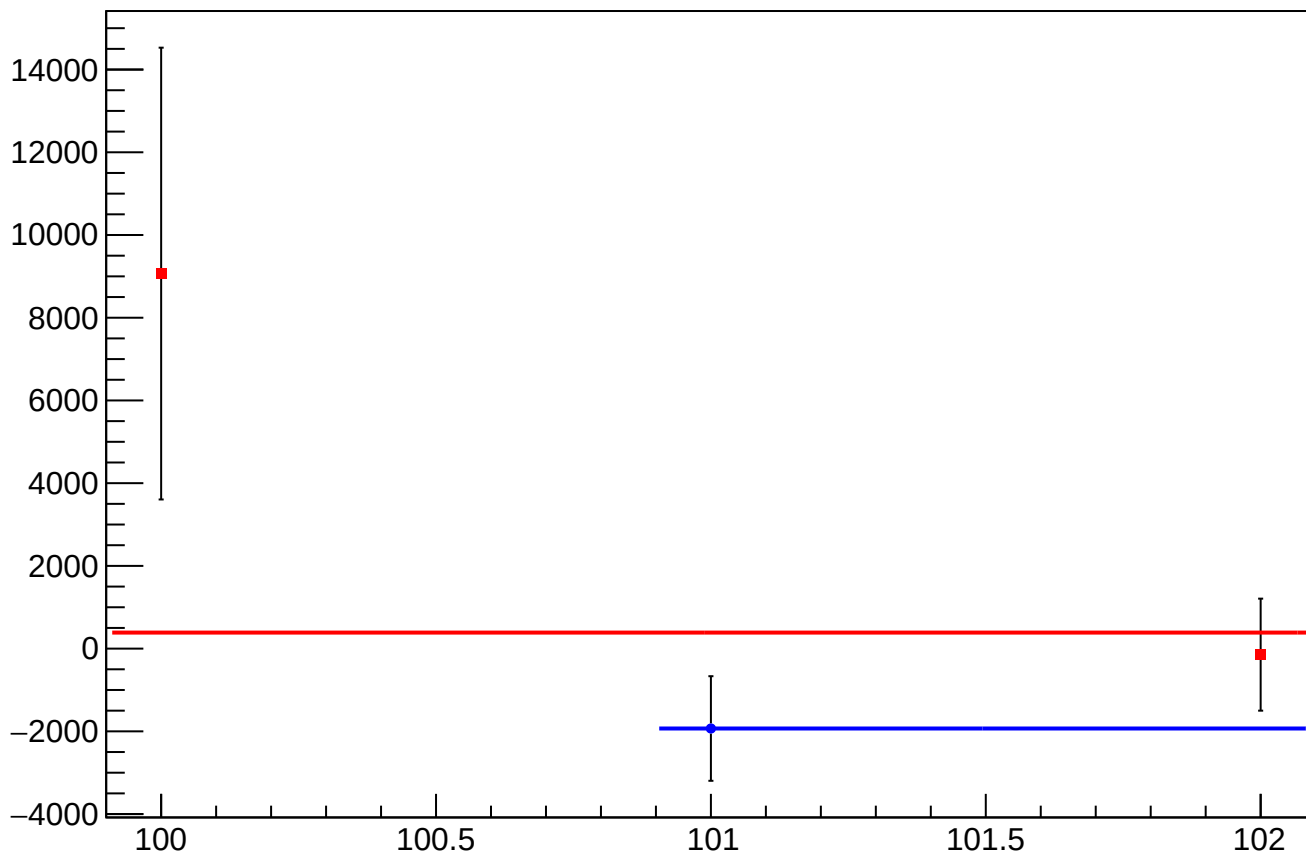
Right: 124.891 $\pm$ 0.076 χ^2 /NDF: 27999.5/2

In: 115.738 $\pm$ 0.102 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 124.891 $\pm$ 0.076 χ^2 /NDF: 27999.5/2

asym_sam_1526_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1931.330+/-1264.384 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 387.679+/-1314.337 χ^2/NDF : 2.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

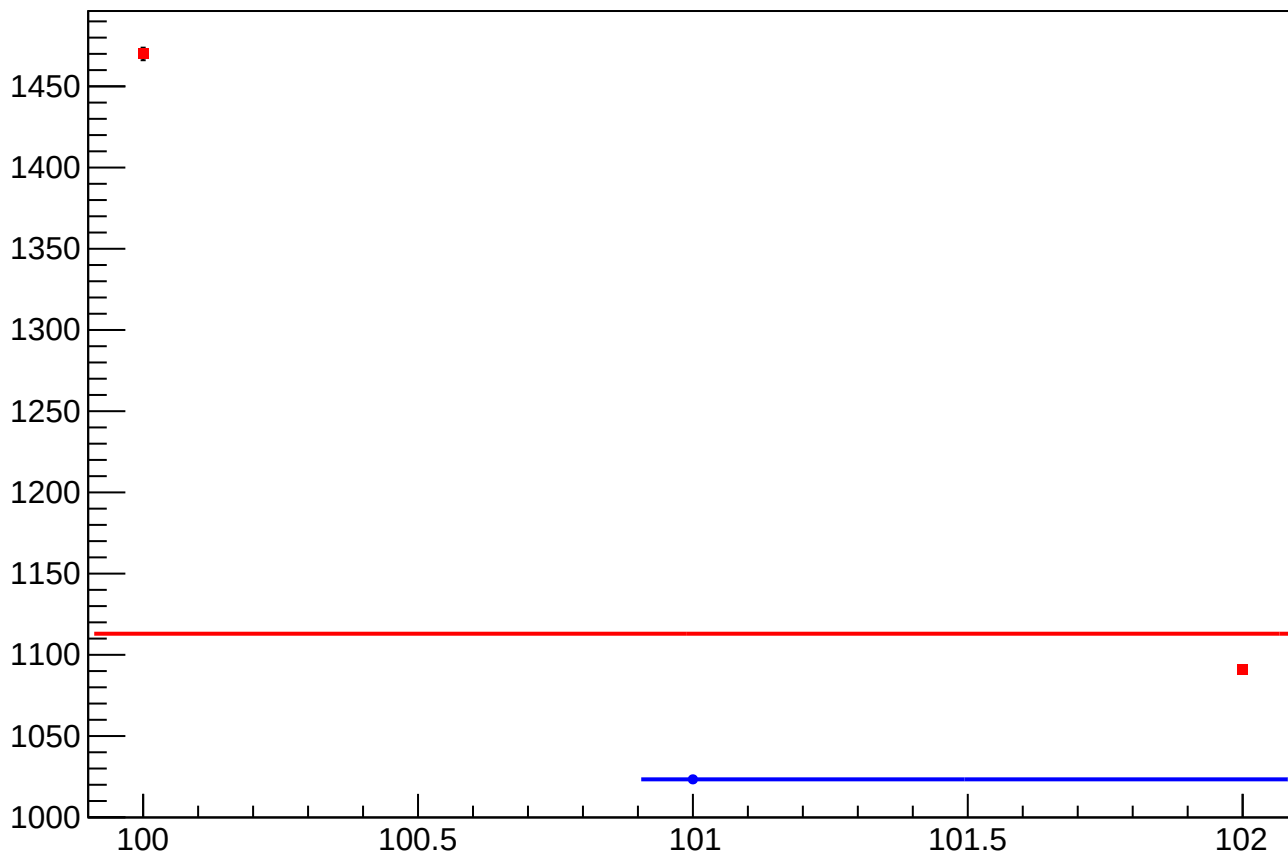
Right: -816.731+/-911.203 χ^2/NDF : 4.3/2

In: -1931.330+/-1264.384 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -816.731+/-911.203 χ^2/NDF : 4.3/2

asym_sam_1526_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1023.336+/-0.894 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1112.995+/-0.929 χ^2/NDF : 9068.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

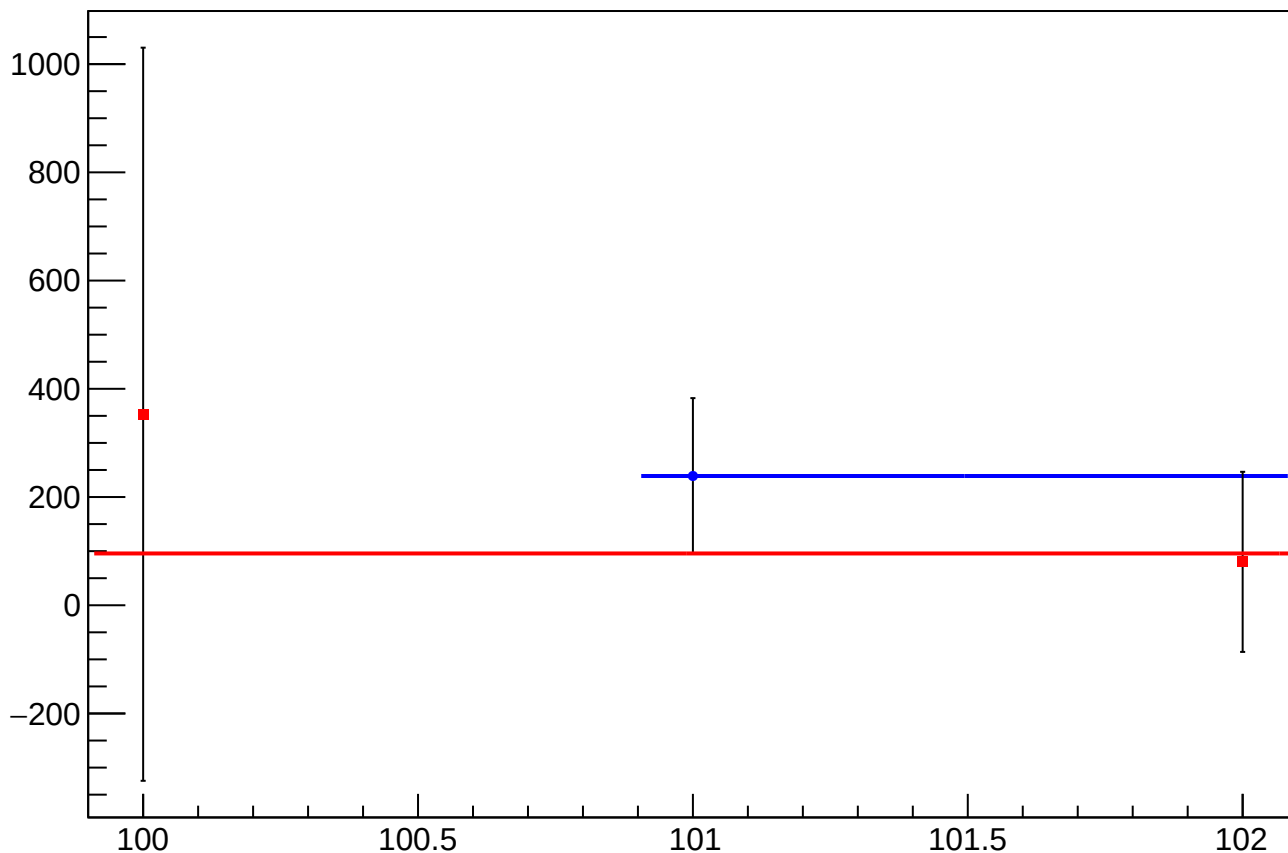
Right: 1066.429+/-0.644 χ^2/NDF : 13901.9/2

In: 1023.336+/-0.894 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1066.429+/-0.644 χ^2/NDF : 13901.9/2

cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 238.861 $\pm$ 143.927 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 95.724 $\pm$ 161.607 χ^2 /NDF: 0.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

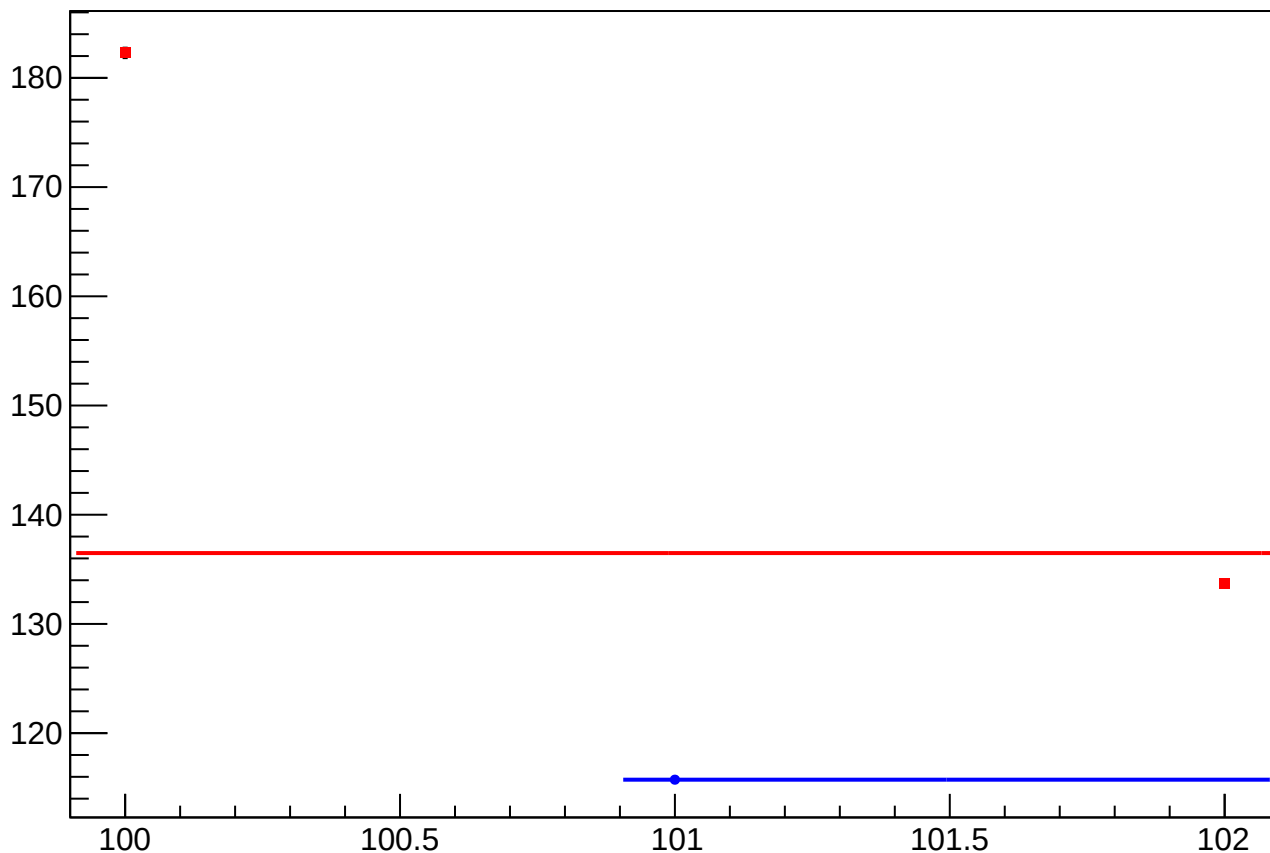
Right: 175.548 $\pm$ 107.481 χ^2 /NDF: 0.6/2

In: 238.861 $\pm$ 143.927 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 175.548 $\pm$ 107.481 χ^2 /NDF: 0.6/2

cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 115.738 $\pm$ 0.102 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 136.489 $\pm$ 0.114 χ^2 /NDF: 9694.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

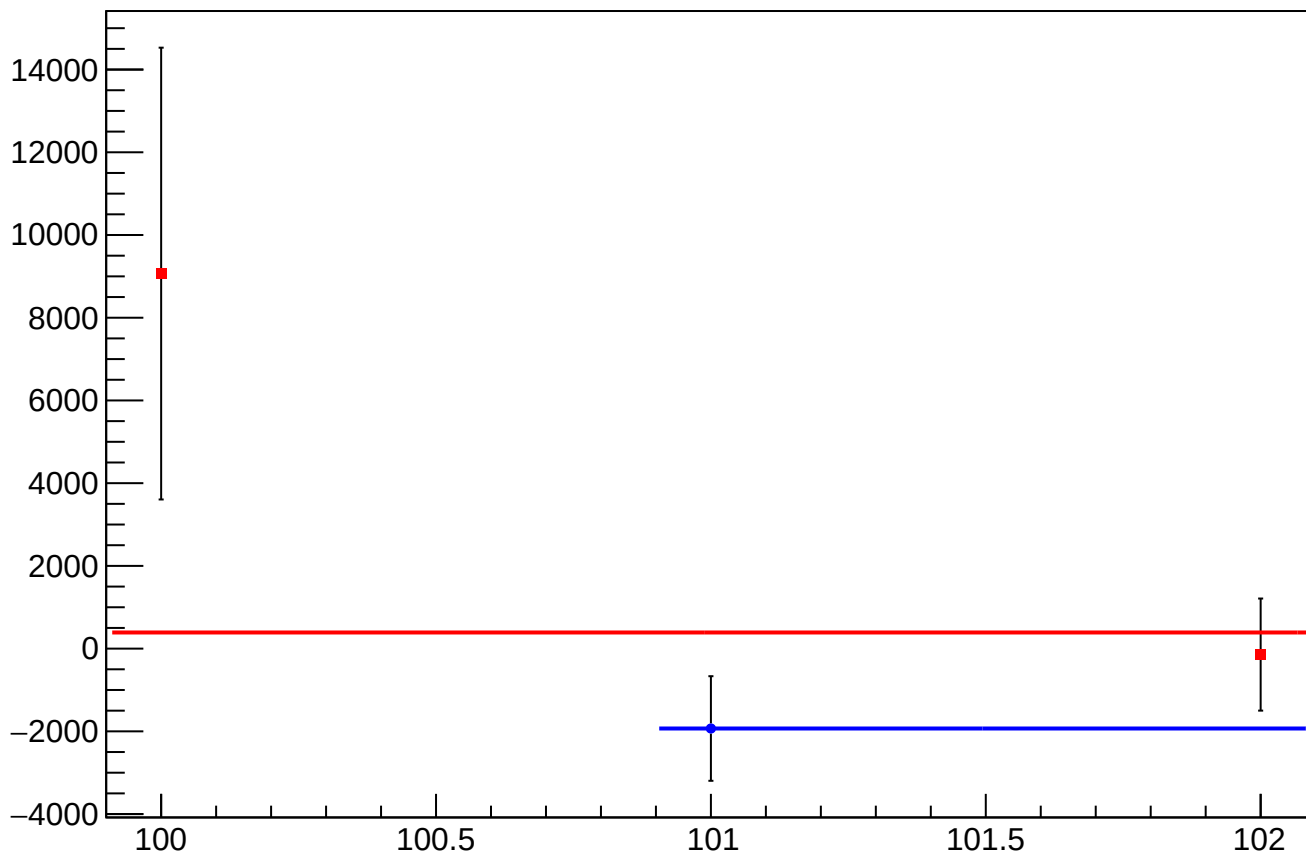
Right: 124.917 $\pm$ 0.076 χ^2 /NDF: 28083.4/2

In: 115.738 $\pm$ 0.102 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 124.917 $\pm$ 0.076 χ^2 /NDF: 28083.4/2

asym_sam_1526_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1931.301+/-1264.387 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 390.108+/-1315.172 χ^2/NDF : 2.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

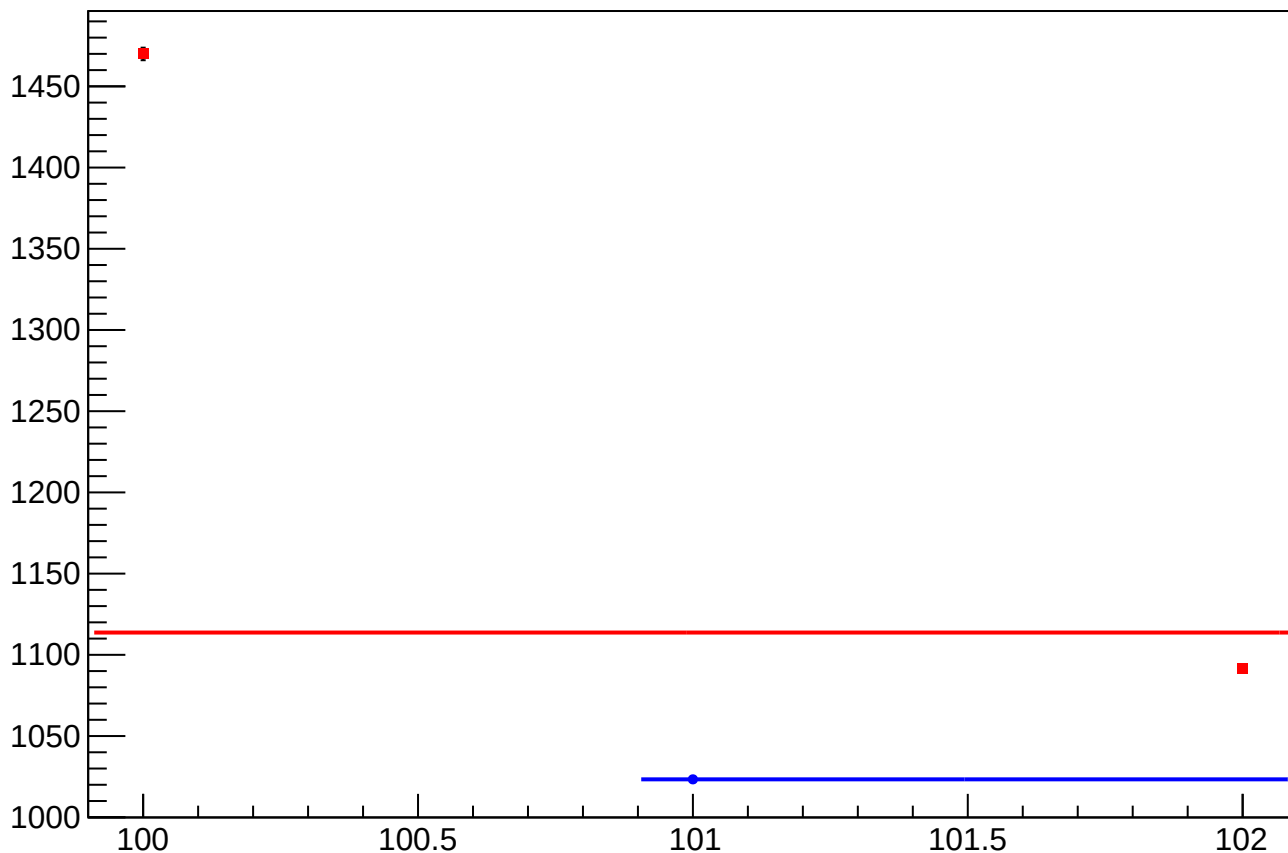
Right: -816.281+/-911.482 χ^2/NDF : 4.3/2

In: -1931.301+/-1264.387 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -816.281+/-911.482 χ^2/NDF : 4.3/2

asym_sam_1526_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1023.338 $\pm$ 0.894 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1113.721 $\pm$ 0.930 χ^2 /NDF: 9032.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

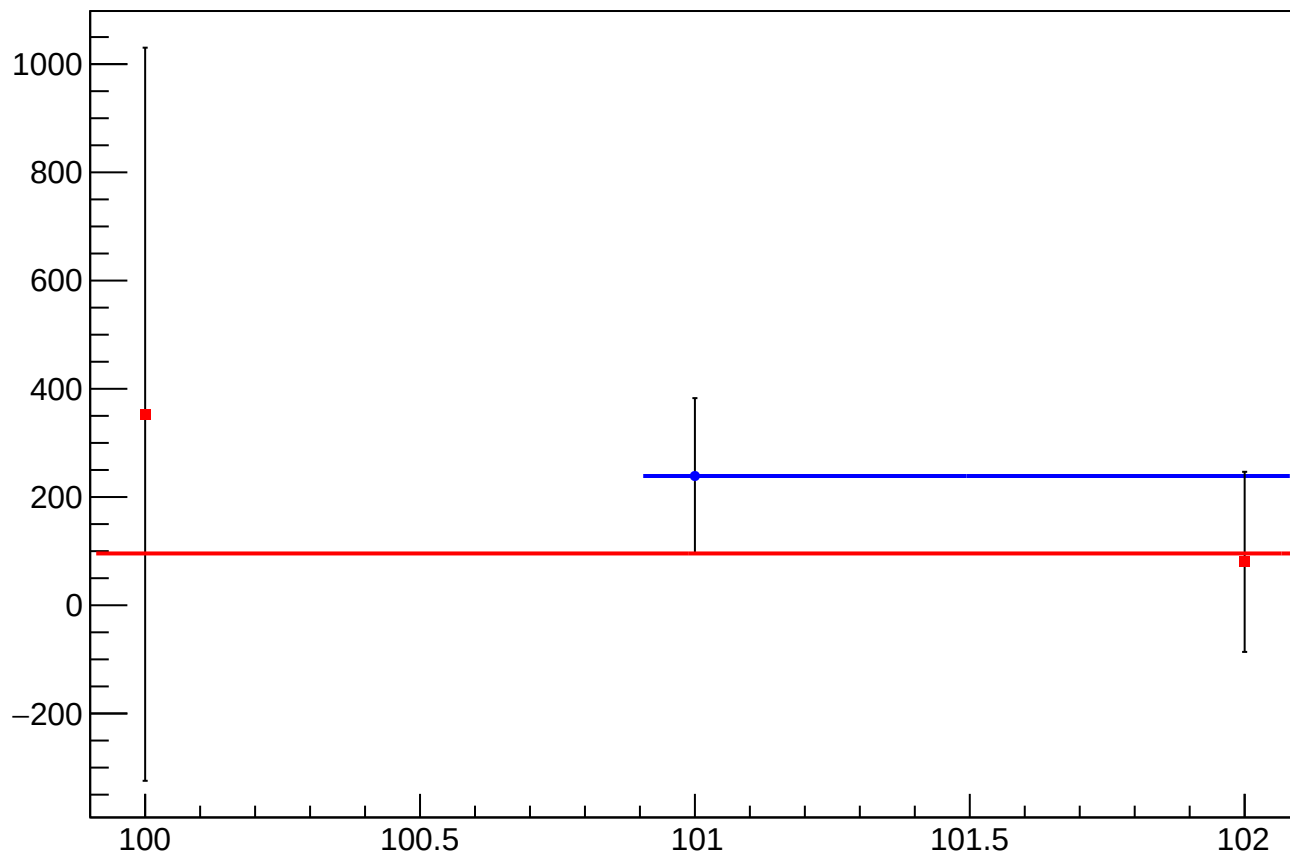
Right: 1066.751 $\pm$ 0.645 χ^2 /NDF: 13940.9/2

In: 1023.338 $\pm$ 0.894 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1066.751 $\pm$ 0.645 χ^2 /NDF: 13940.9/2

eigen_cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 238.861+/-143.927 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.724+/-161.607 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

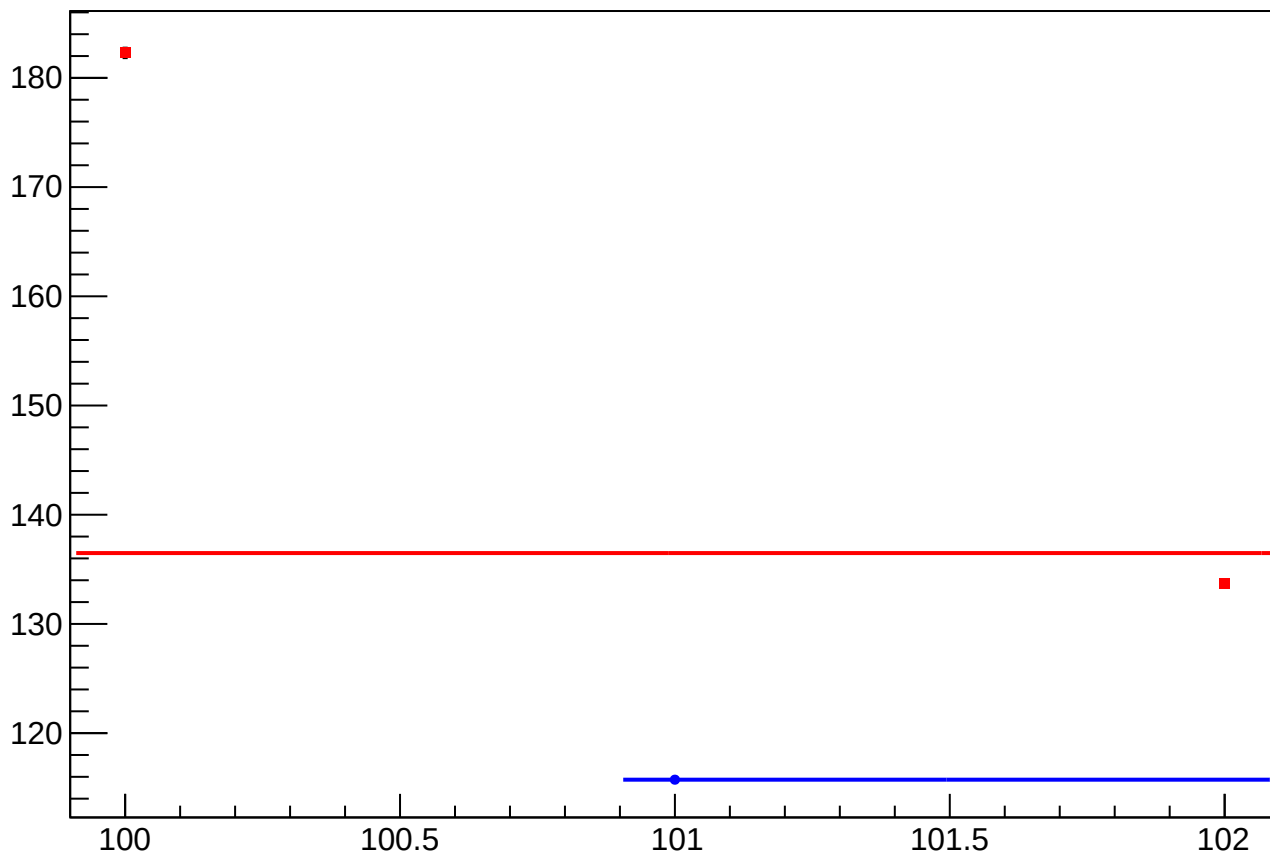
Right: 175.548+/-107.481 χ^2/NDF : 0.6/2

In: 238.861+/-143.927 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.548+/-107.481 χ^2/NDF : 0.6/2

eigen_cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 115.738 $\pm$ 0.102 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 136.489 $\pm$ 0.114 χ^2 /NDF: 9694.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

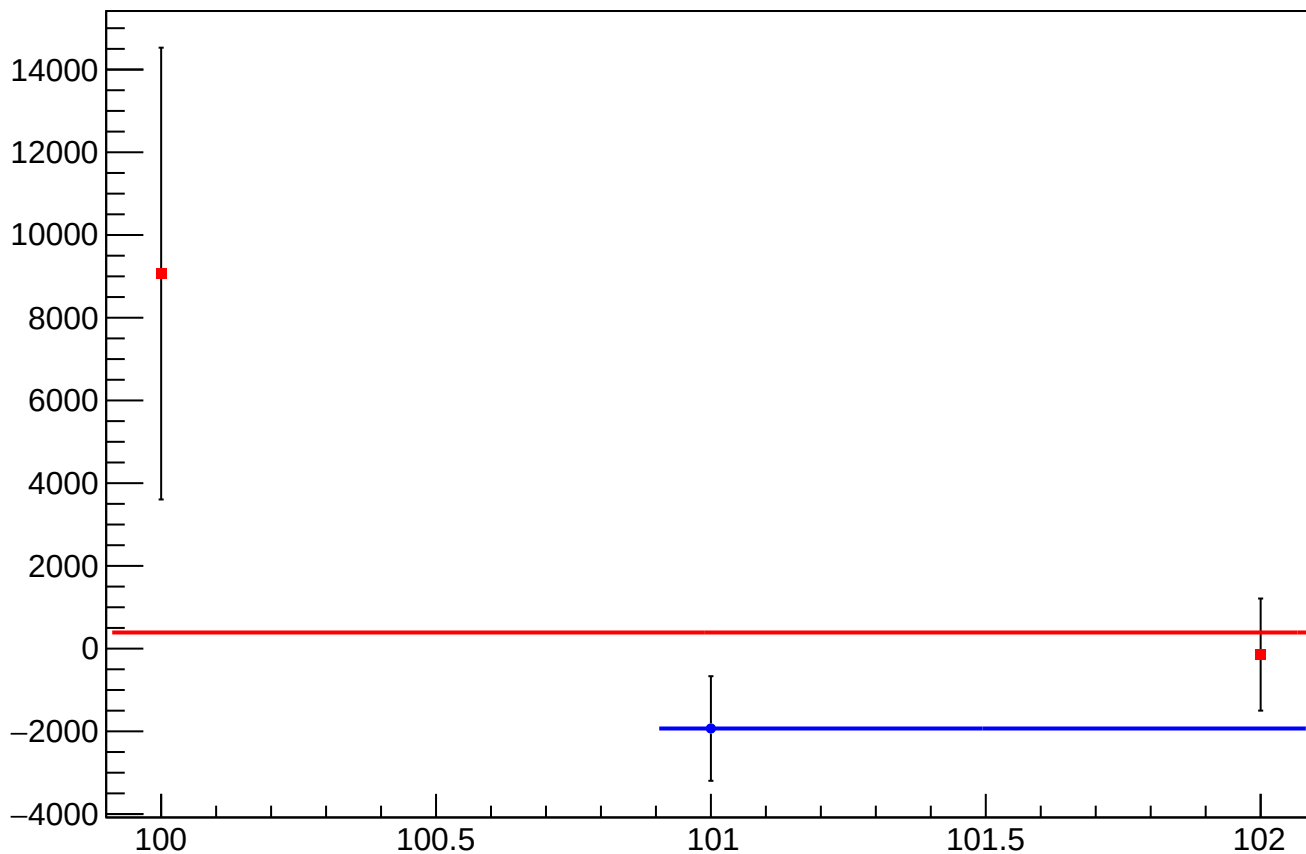
Right: 124.917 $\pm$ 0.076 χ^2 /NDF: 28083.4/2

In: 115.738 $\pm$ 0.102 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 124.917 $\pm$ 0.076 χ^2 /NDF: 28083.4/2

asym_sam_1526_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1931.301+/-1264.387 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 390.108+/-1315.172 χ^2/NDF : 2.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

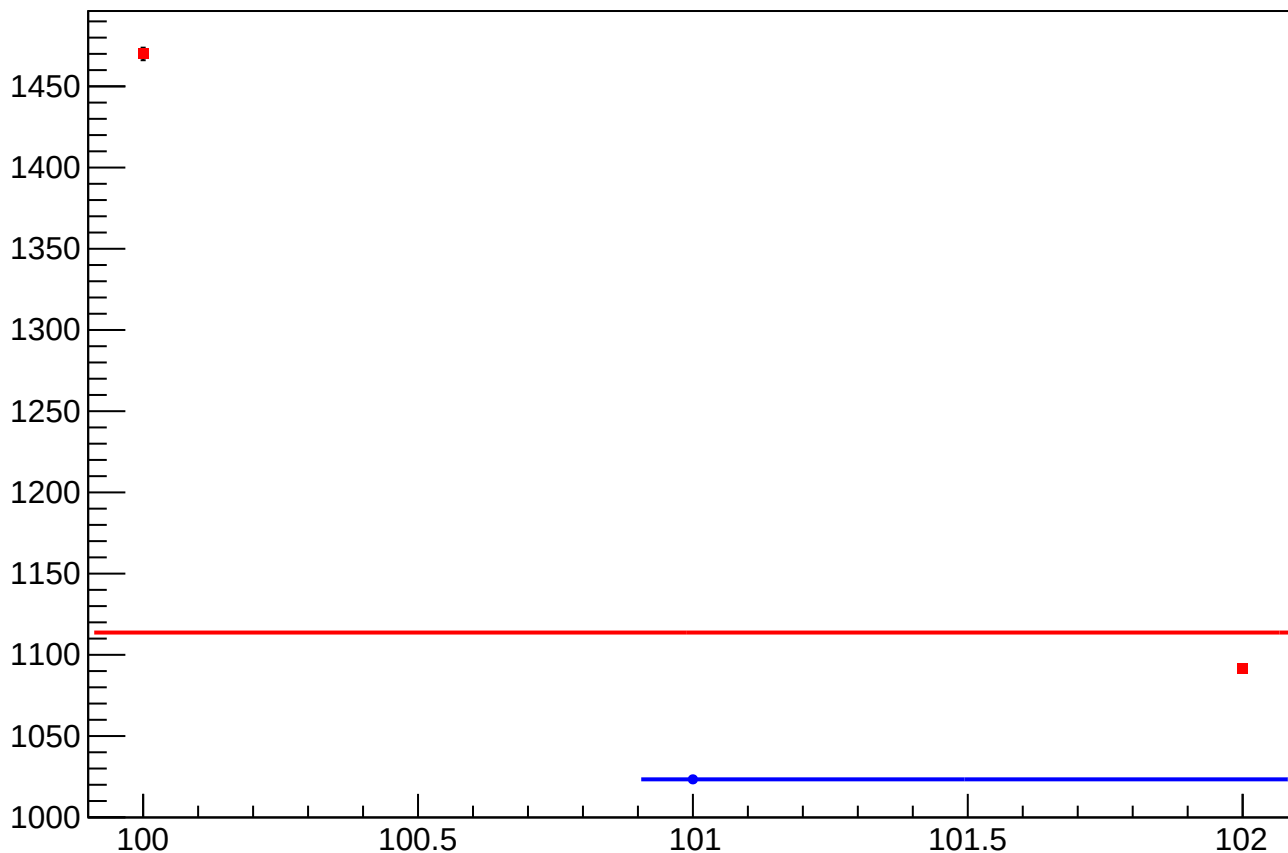
Right: -816.281+/-911.482 χ^2/NDF : 4.3/2

In: -1931.301+/-1264.387 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -816.281+/-911.482 χ^2/NDF : 4.3/2

asym_sam_1526_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1023.338+/-0.894 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1113.721+/-0.930 χ^2/NDF : 9032.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

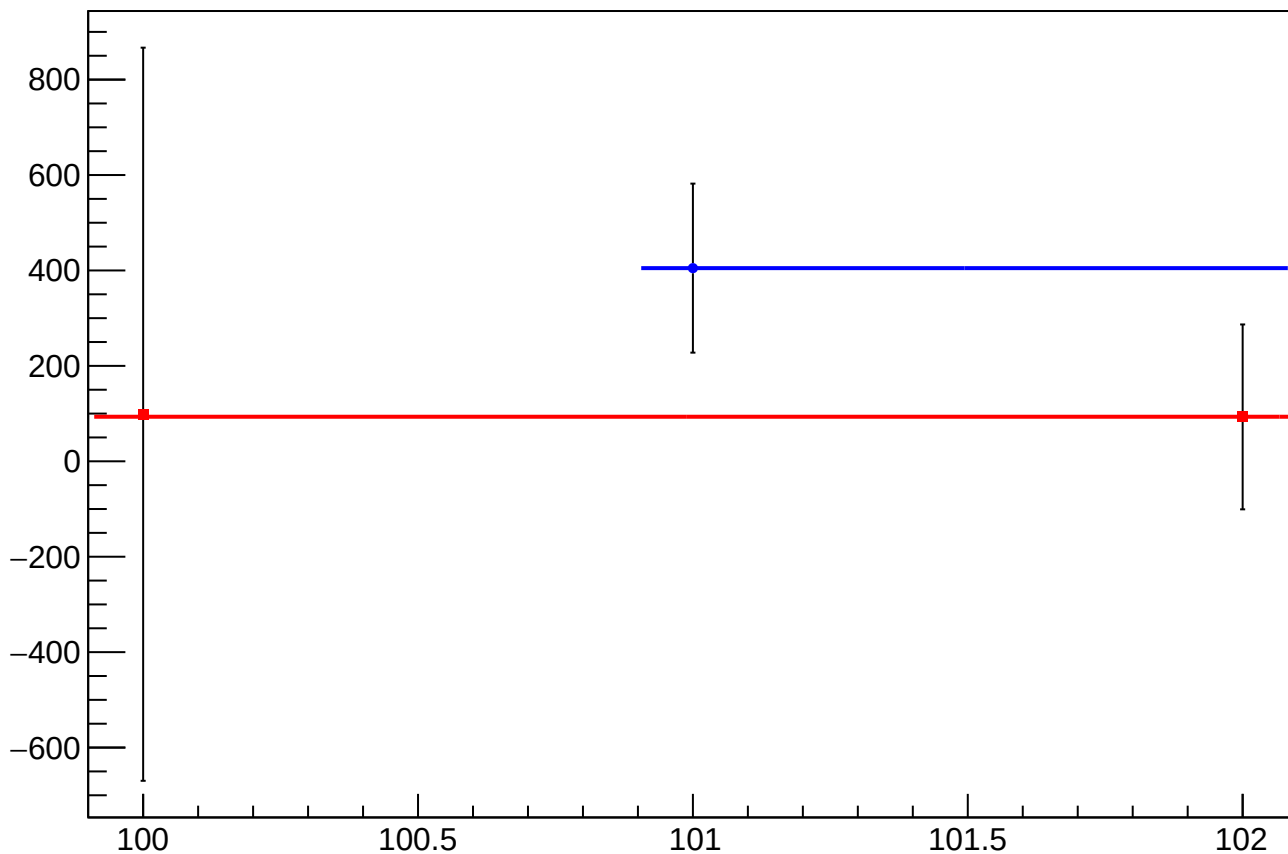
Right: 1066.751+/-0.645 χ^2/NDF : 13940.9/2

In: 1023.338+/-0.894 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1066.751+/-0.645 χ^2/NDF : 13940.9/2

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 404.865+/-177.122 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.396+/-187.877 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

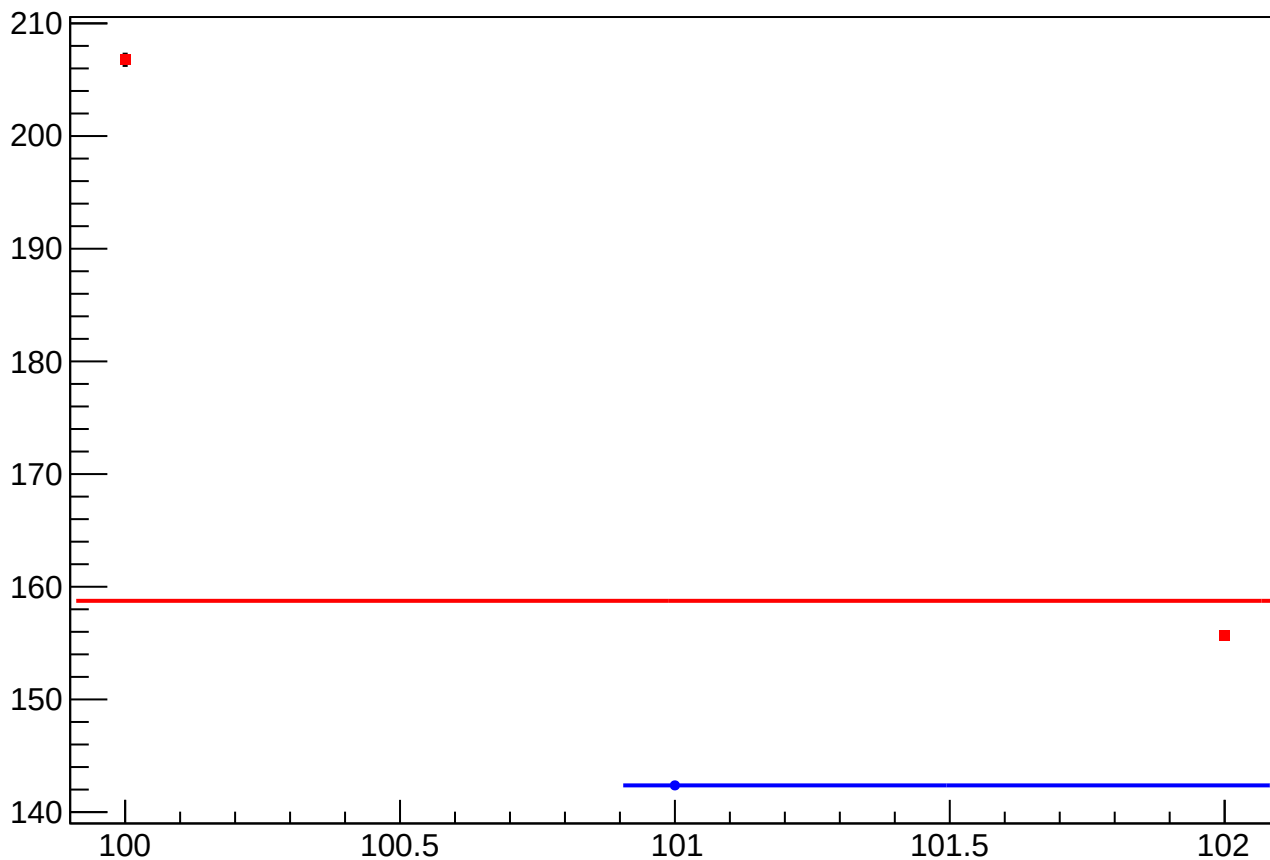
Right: 258.300+/-128.878 χ^2/NDF : 1.5/2

In: 404.865+/-177.122 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 258.300+/-128.878 χ^2/NDF : 1.5/2

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 142.372 $\pm$ 0.125 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 158.751 $\pm$ 0.133 χ^2 /NDF: 8308.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

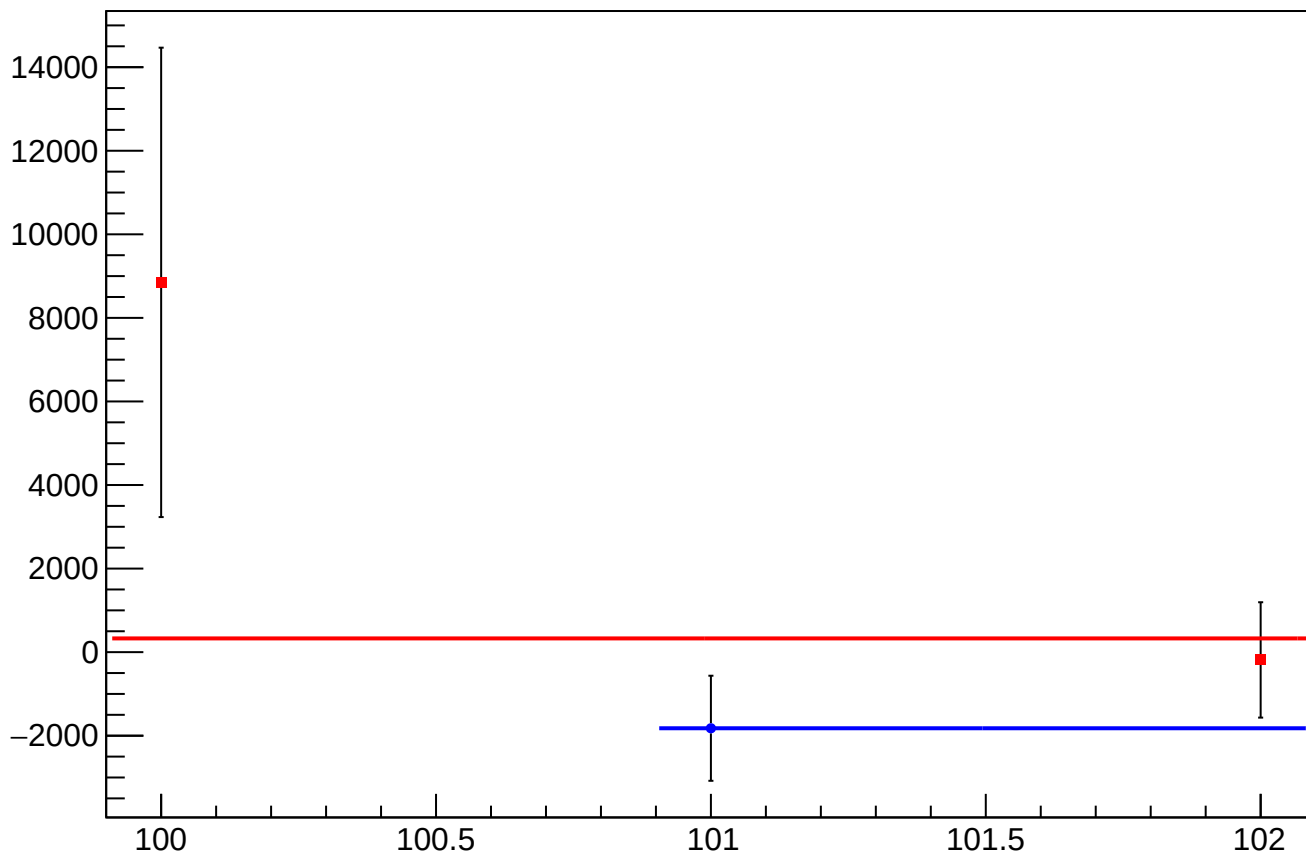
Right: 150.079 $\pm$ 0.091 χ^2 /NDF: 16356.3/2

In: 142.372 $\pm$ 0.125 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 150.079 $\pm$ 0.091 χ^2 /NDF: 16356.3/2

asym_sam_1526_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1821.727+/-1257.376 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 328.533+/-1340.648 χ^2/NDF : 2.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

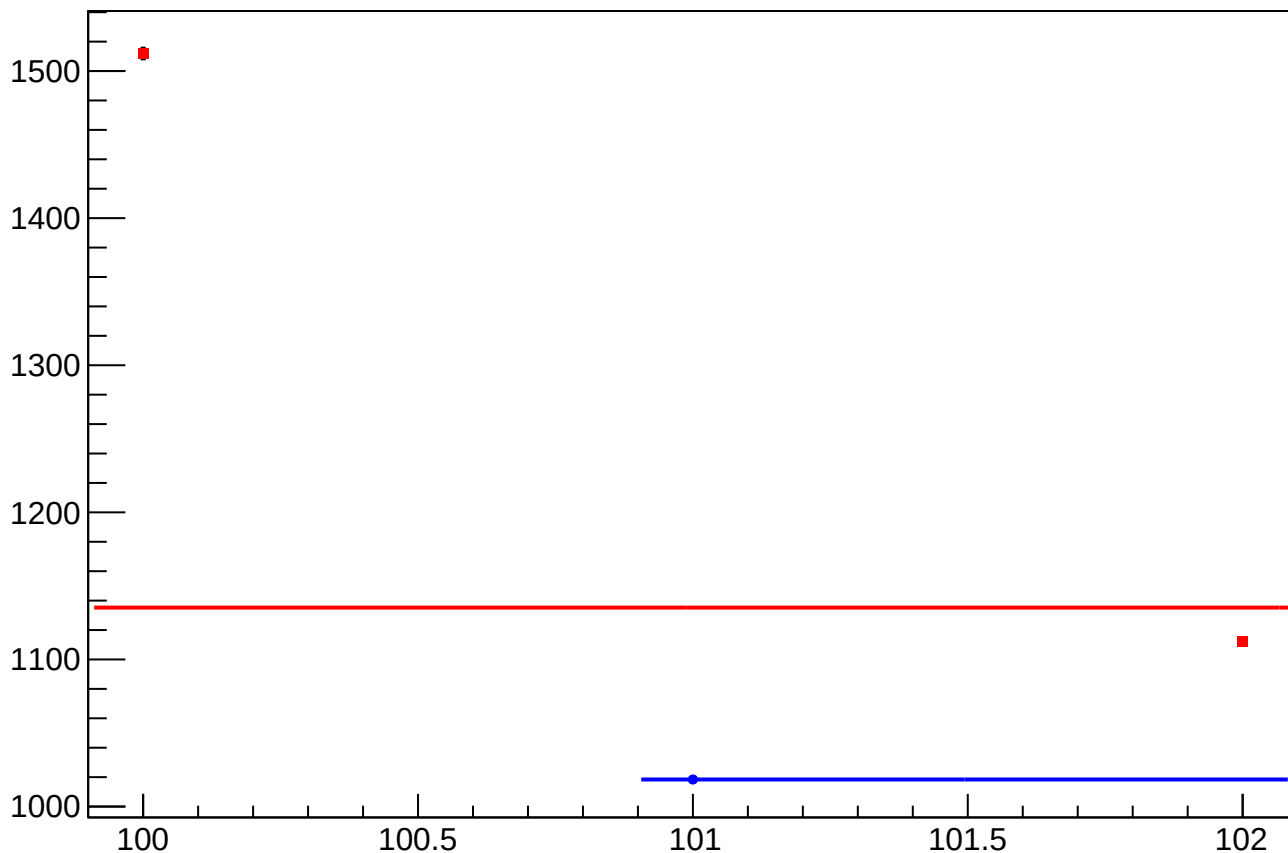
Right: -815.447+/-917.126 χ^2/NDF : 3.8/2

In: -1821.727+/-1257.376 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -815.447+/-917.126 χ^2/NDF : 3.8/2

asym_sam_1526_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1018.403+/-0.889 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1135.271+/-0.948 χ^2/NDF : 9535.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

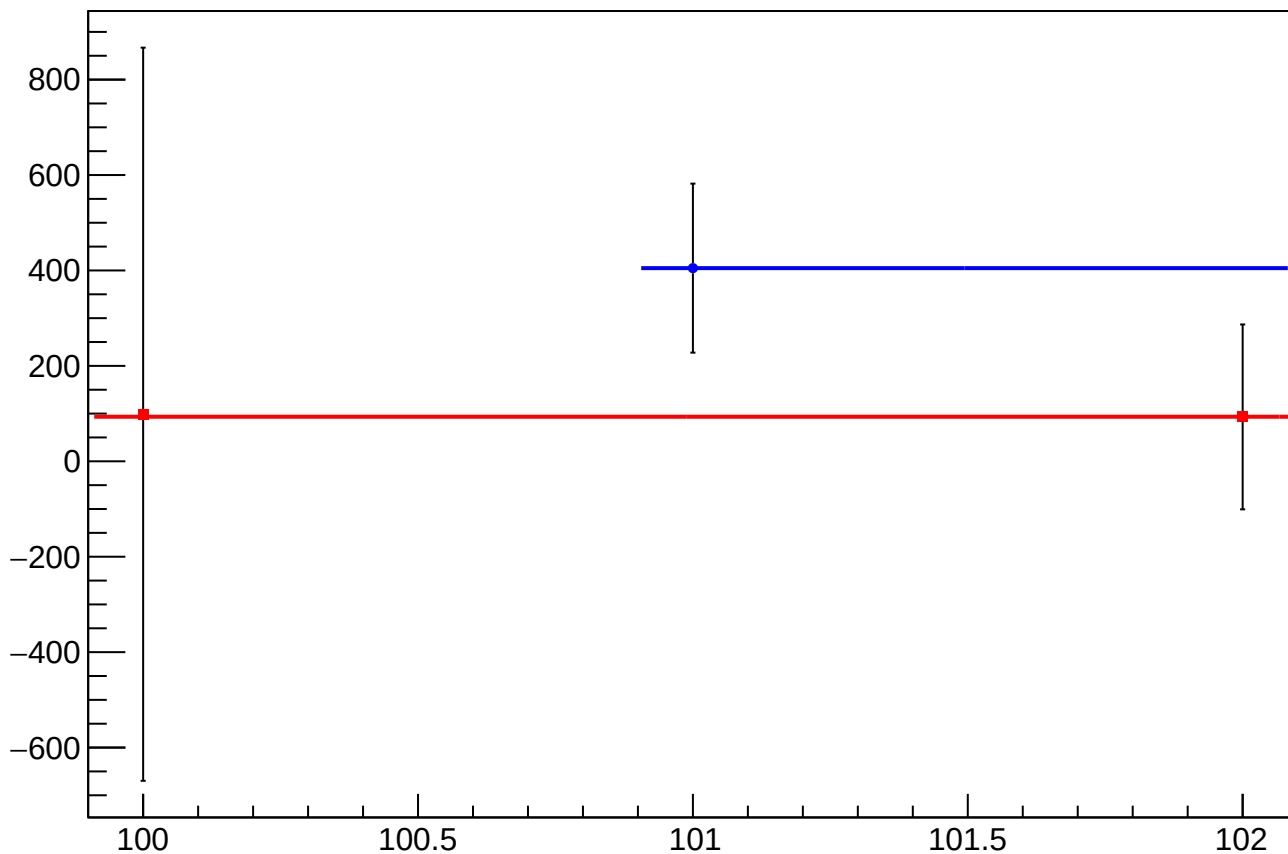
Right: 1073.095+/-0.649 χ^2/NDF : 17620.9/2

In: 1018.403+/-0.889 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1073.095+/-0.649 χ^2/NDF : 17620.9/2

eigen_dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 404.865 $\pm$ 177.122 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 93.395 $\pm$ 187.876 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

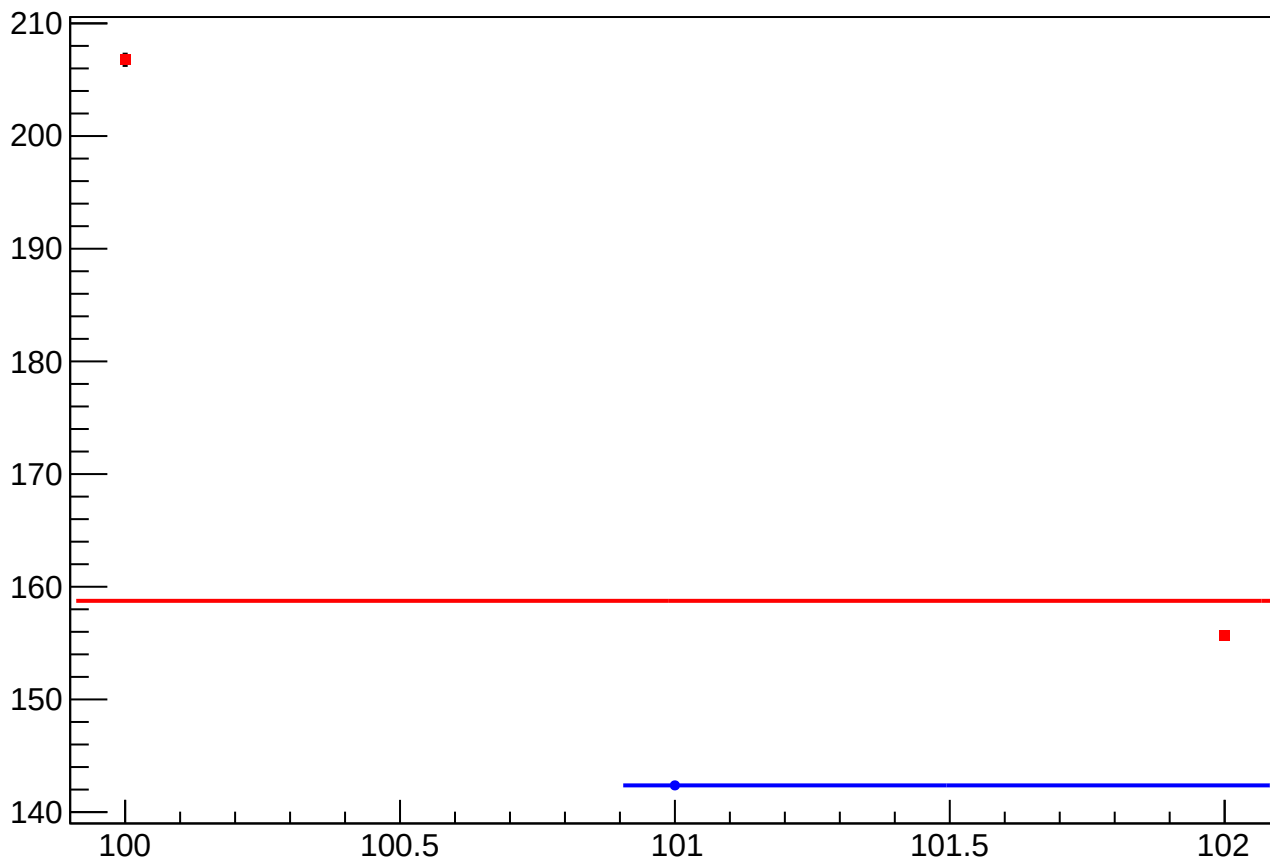
Right: 258.299 $\pm$ 128.878 χ^2 /NDF: 1.5/2

In: 404.865 $\pm$ 177.122 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 258.299 $\pm$ 128.878 χ^2 /NDF: 1.5/2

eigen_dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 142.372 $\pm$ 0.125 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 158.750 $\pm$ 0.133 χ^2 /NDF: 8308.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

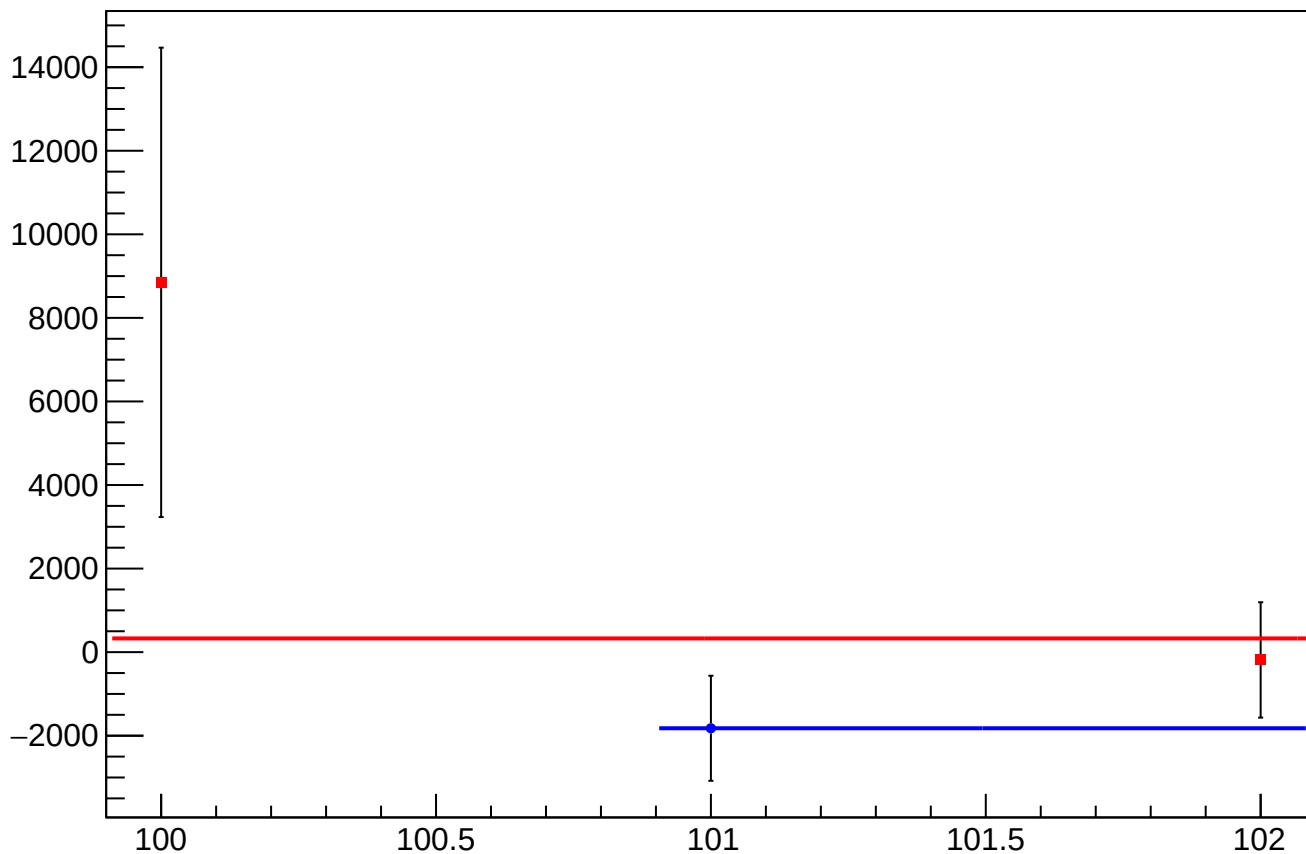
Right: 150.079 $\pm$ 0.091 χ^2 /NDF: 16355.9/2

In: 142.372 $\pm$ 0.125 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 150.079 $\pm$ 0.091 χ^2 /NDF: 16355.9/2

asym_sam_1526_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1821.728+/-1257.376 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 328.529+/-1340.644 χ^2/NDF : 2.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

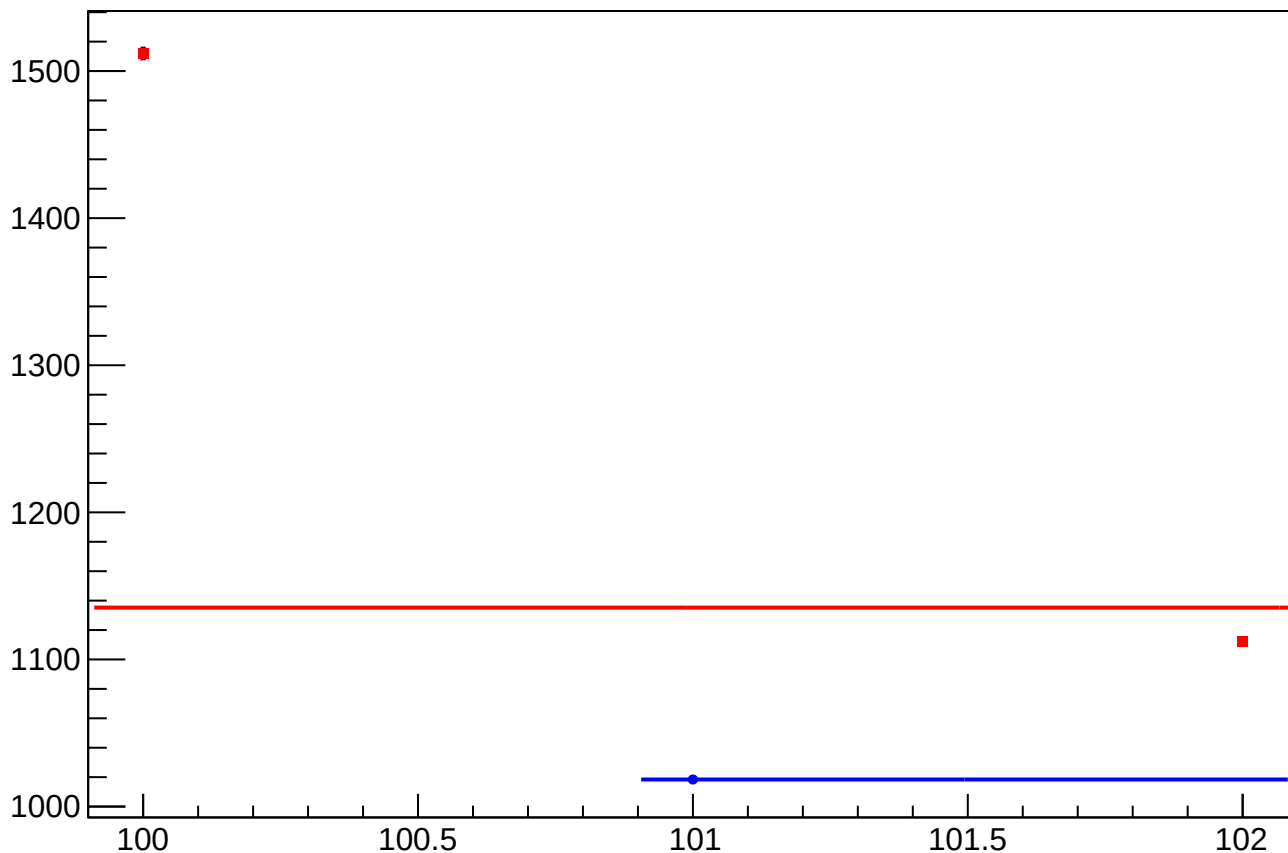
Right: -815.446+/-917.124 χ^2/NDF : 3.8/2

In: -1821.728+/-1257.376 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -815.446+/-917.124 χ^2/NDF : 3.8/2

asym_sam_1526_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1018.403 $\pm$ 0.889 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1135.267 $\pm$ 0.948 χ^2 /NDF: 9535.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

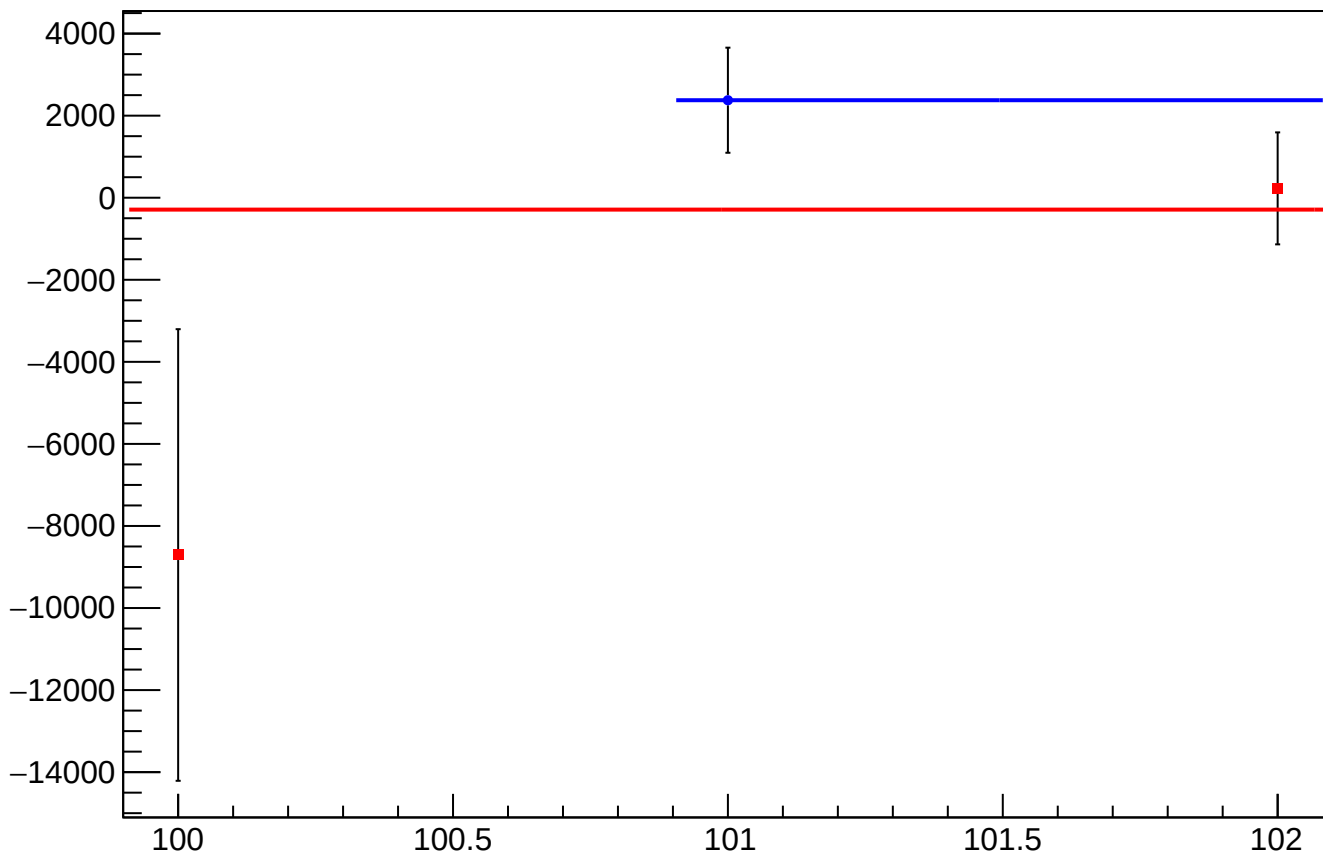
Right: 1073.093 $\pm$ 0.649 χ^2 /NDF: 17620.7/2

In: 1018.403 $\pm$ 0.889 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1073.093 $\pm$ 0.649 χ^2 /NDF: 17620.7/2

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 2376.403+/-1280.636 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -289.682+/-1324.402 χ^2 /NDF: 2.5/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

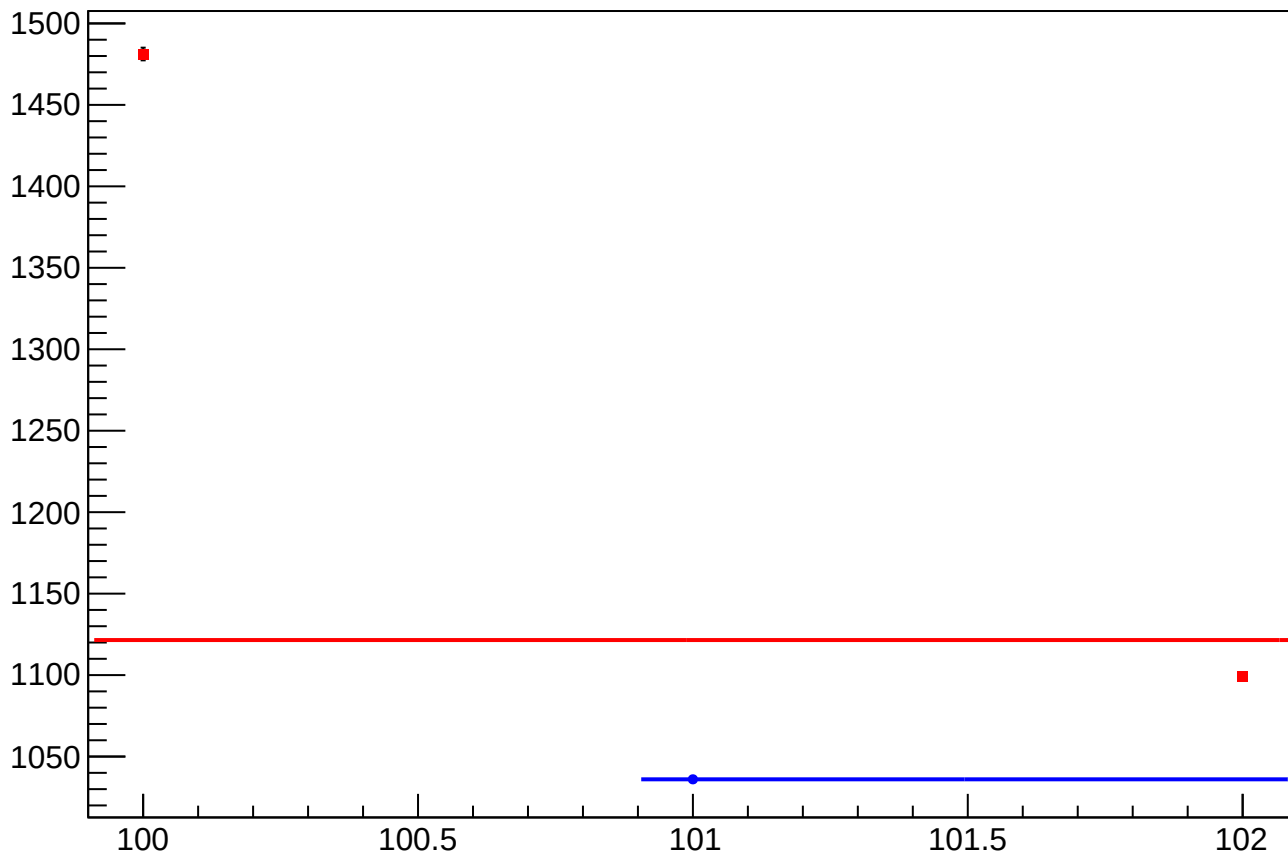
Right: 1088.140+/-920.630 χ^2 /NDF: 4.6/2

In: 2376.403+/-1280.636 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1088.140+/-920.630 χ^2 /NDF: 4.6/2

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 1036.025 $\pm$ 0.906 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1121.512 $\pm$ 0.936 χ^2 /NDF: 9069.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

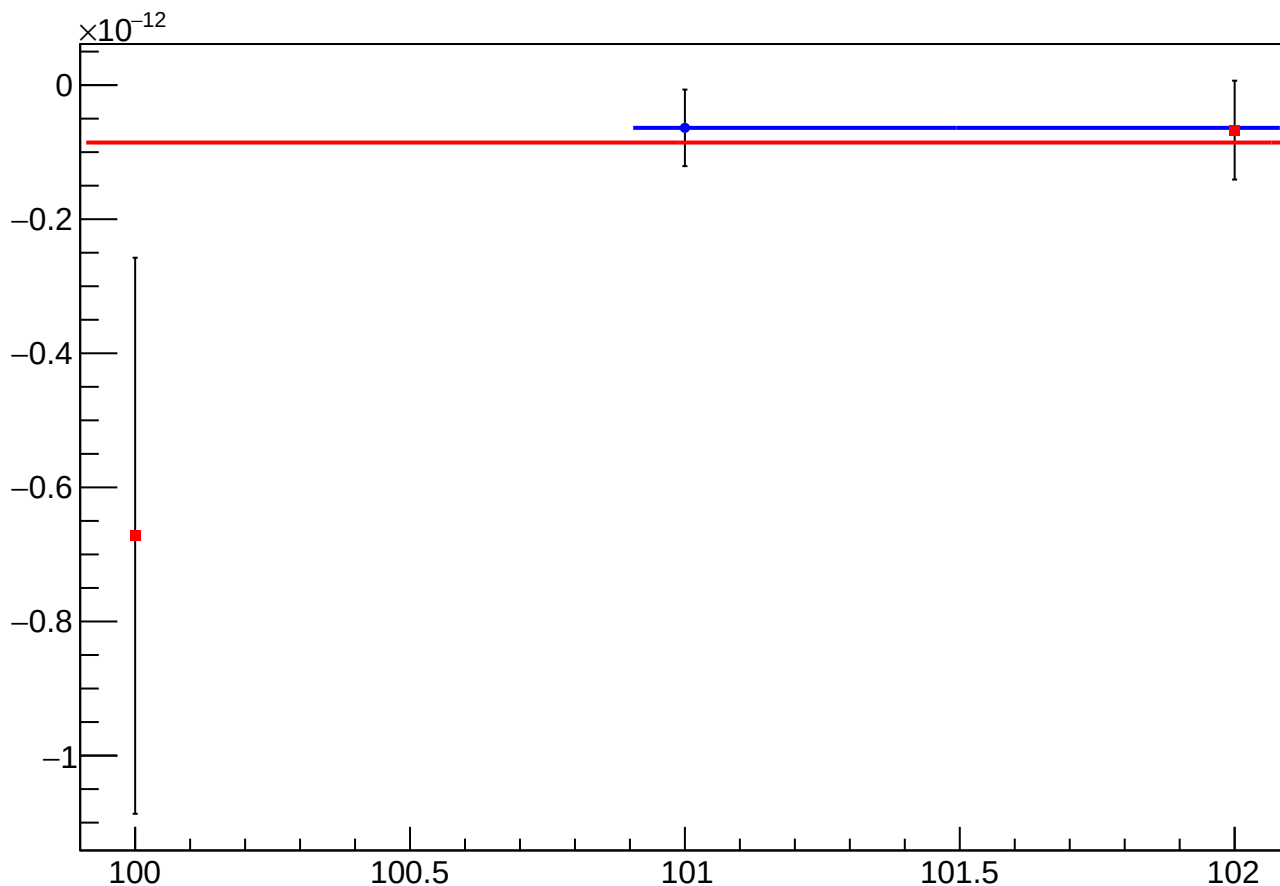
Right: 1077.333 $\pm$ 0.651 χ^2 /NDF: 13375.6/2

In: 1036.025 $\pm$ 0.906 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1077.333 $\pm$ 0.651 χ^2 /NDF: 13375.6/2

asym_sam_1526_avg_reg_vs_cor_diff_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: 2.1/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

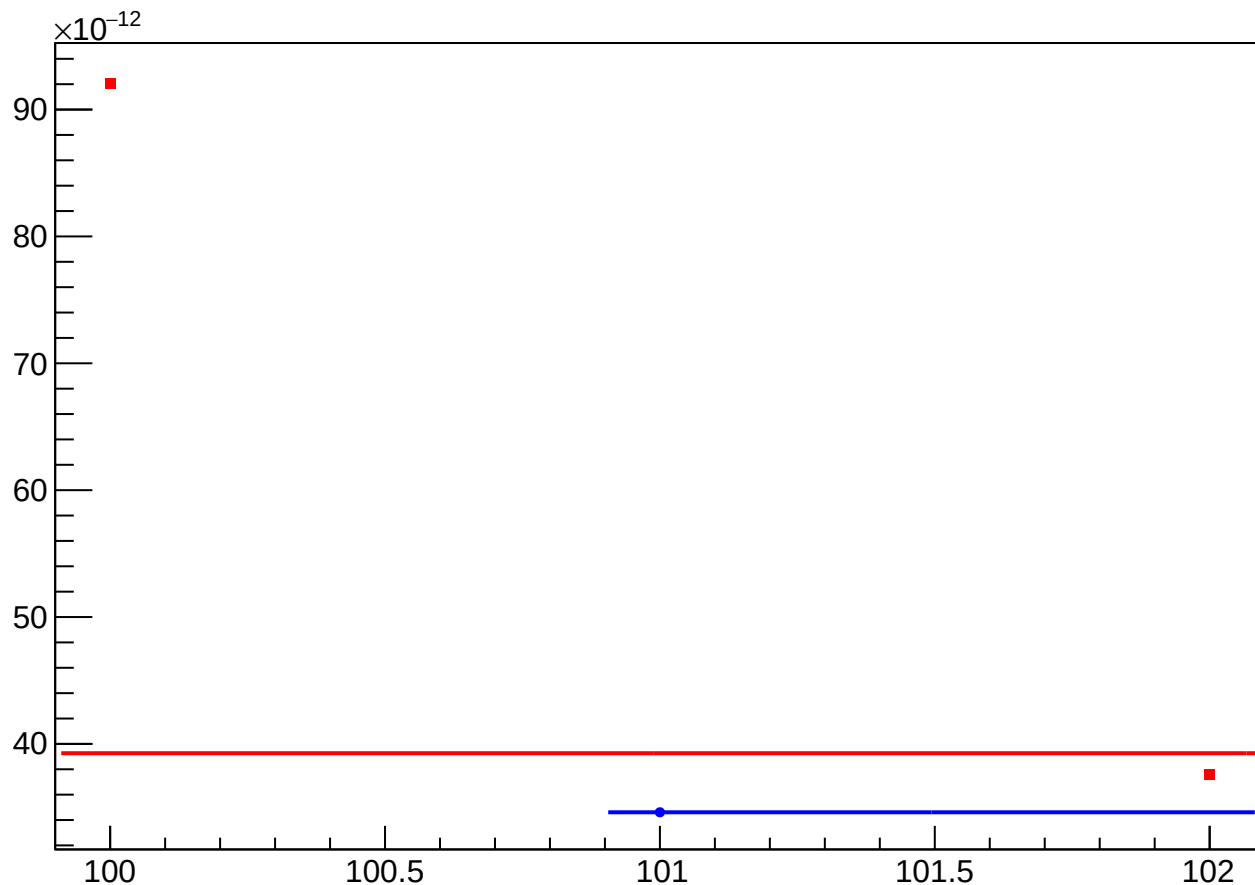
Right: -0.000+/-0.000 χ^2 /NDF: 2.1/2

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: 2.1/2

asym_sam_1526_avg_reg_vs_cor_diff_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 : 33442.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

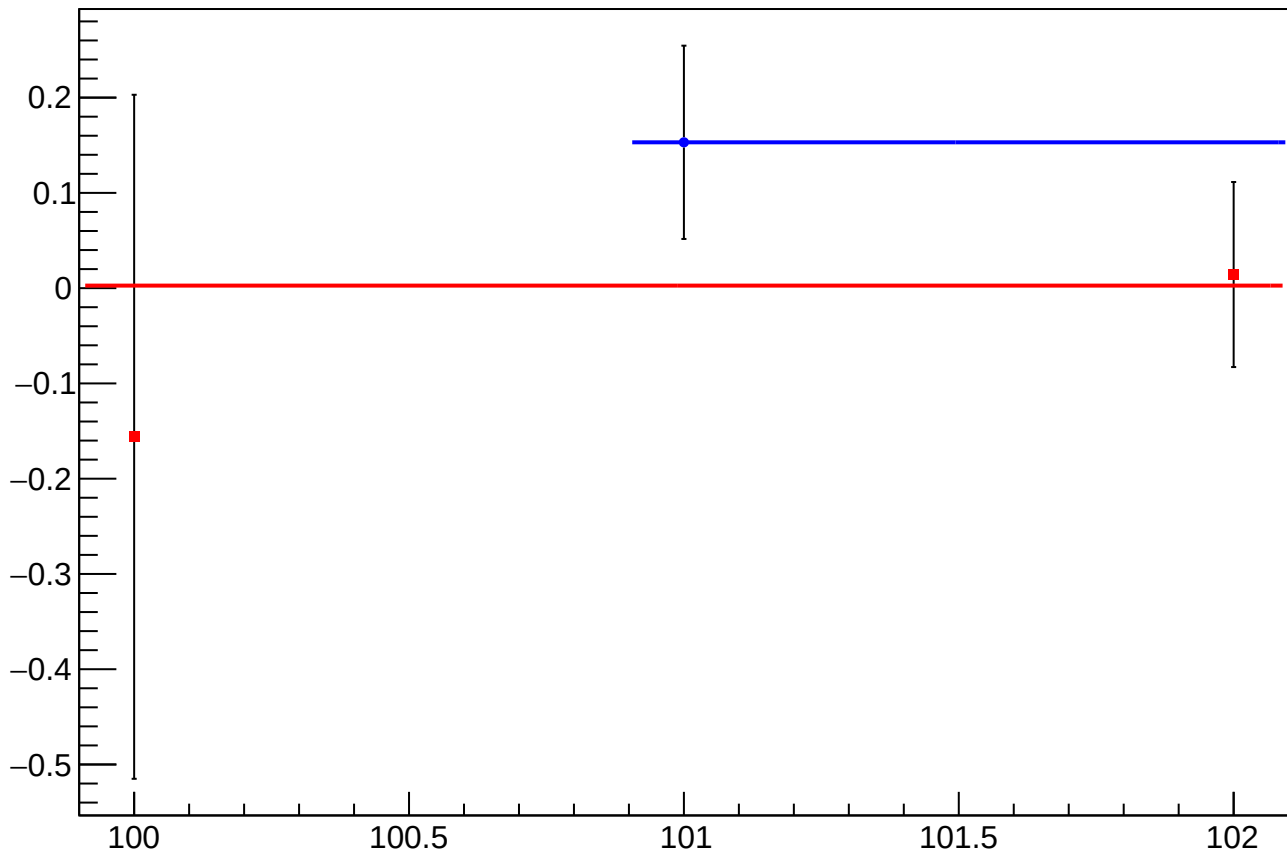
Right: 0.000+/-0.000 χ^2/NDF : 38527.3/2

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 : 38527.3/2

asym_sam_1526_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.153+/-0.101 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.094 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

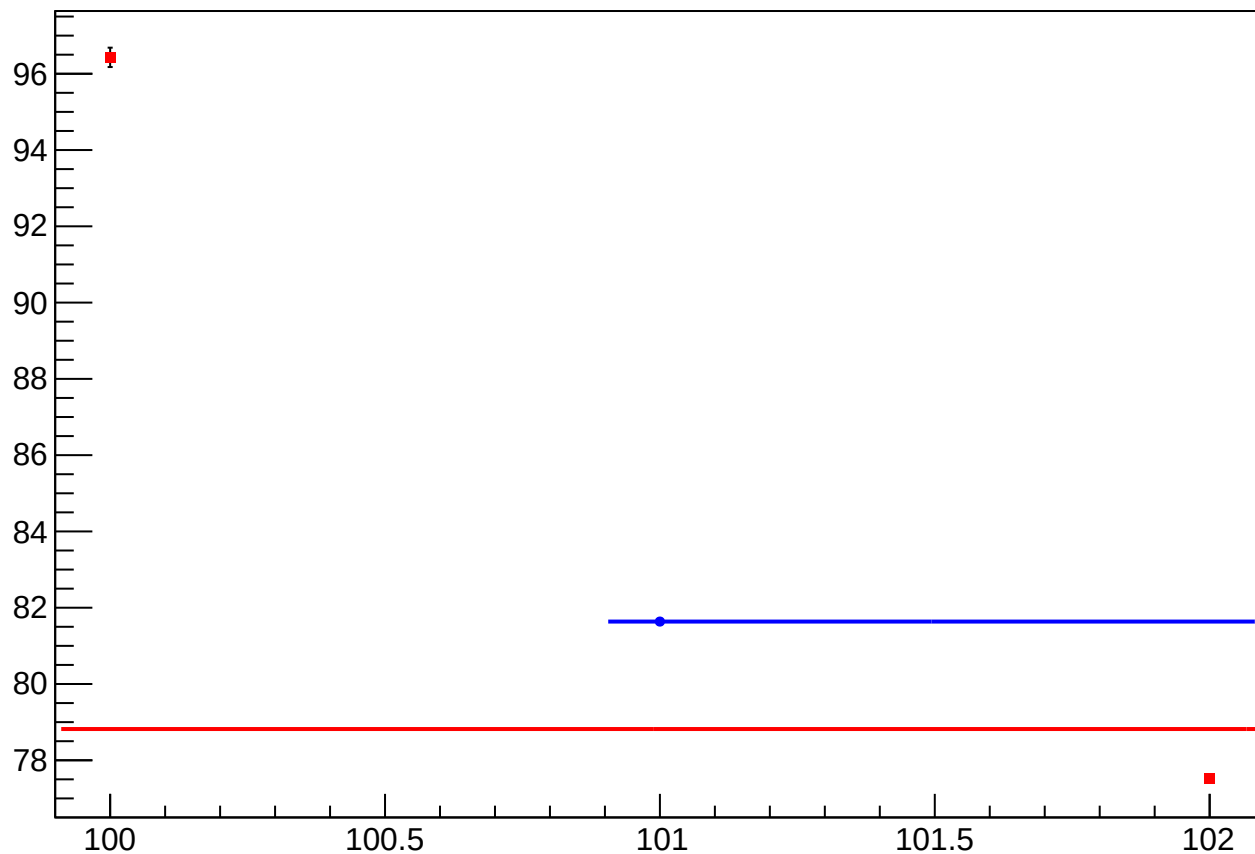
Right: 0.072+/-0.069 χ^2/NDF : 1.4/2

In: 0.153+/-0.101 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.072+/-0.069 χ^2/NDF : 1.4/2

asym_sam_1526_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 81.637 $\pm$ 0.072 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 78.819 $\pm$ 0.066 χ^2 /NDF: 5164.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

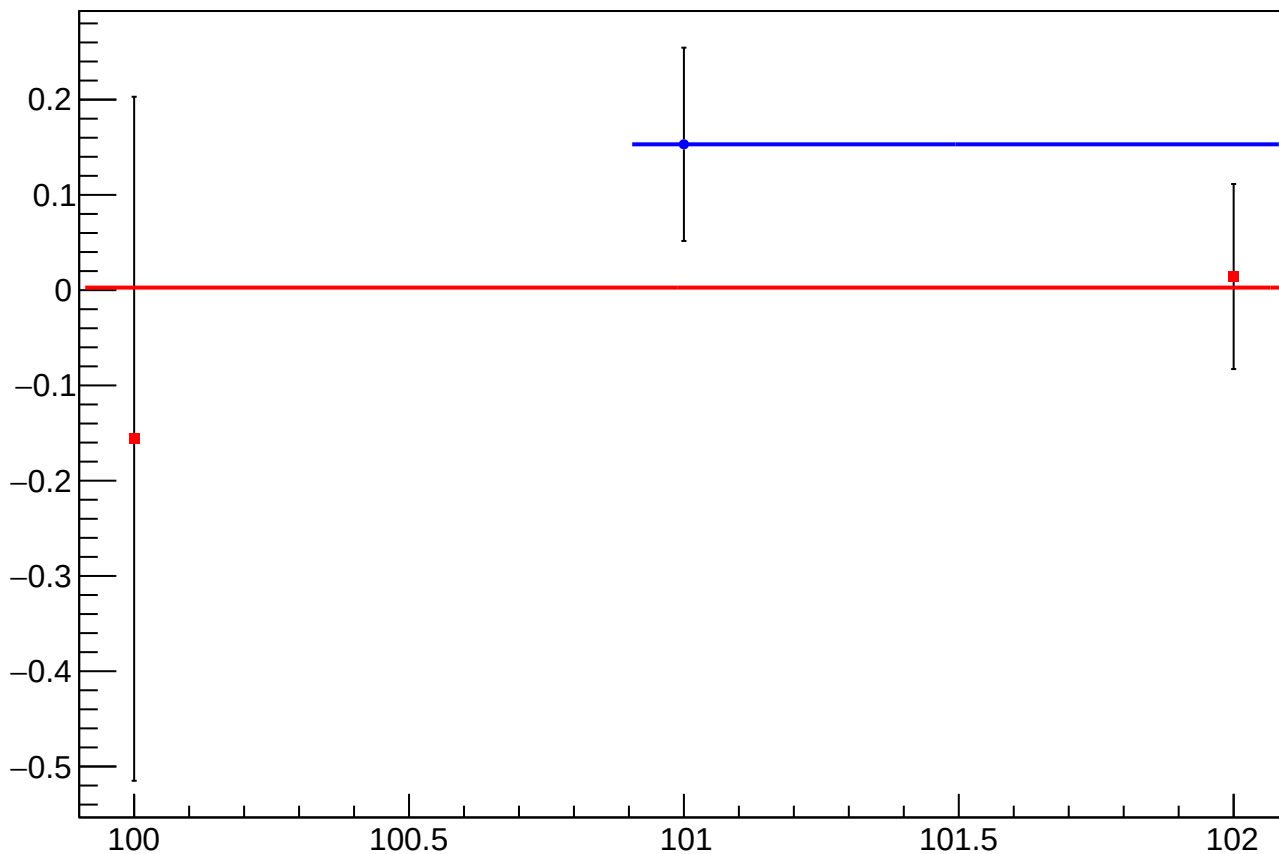
Right: 80.117 $\pm$ 0.049 χ^2 /NDF: 5996.7/2

In: 81.637 $\pm$ 0.072 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 80.117 $\pm$ 0.049 χ^2 /NDF: 5996.7/2

asym_sam_1526_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.153+/-0.101 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.094 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

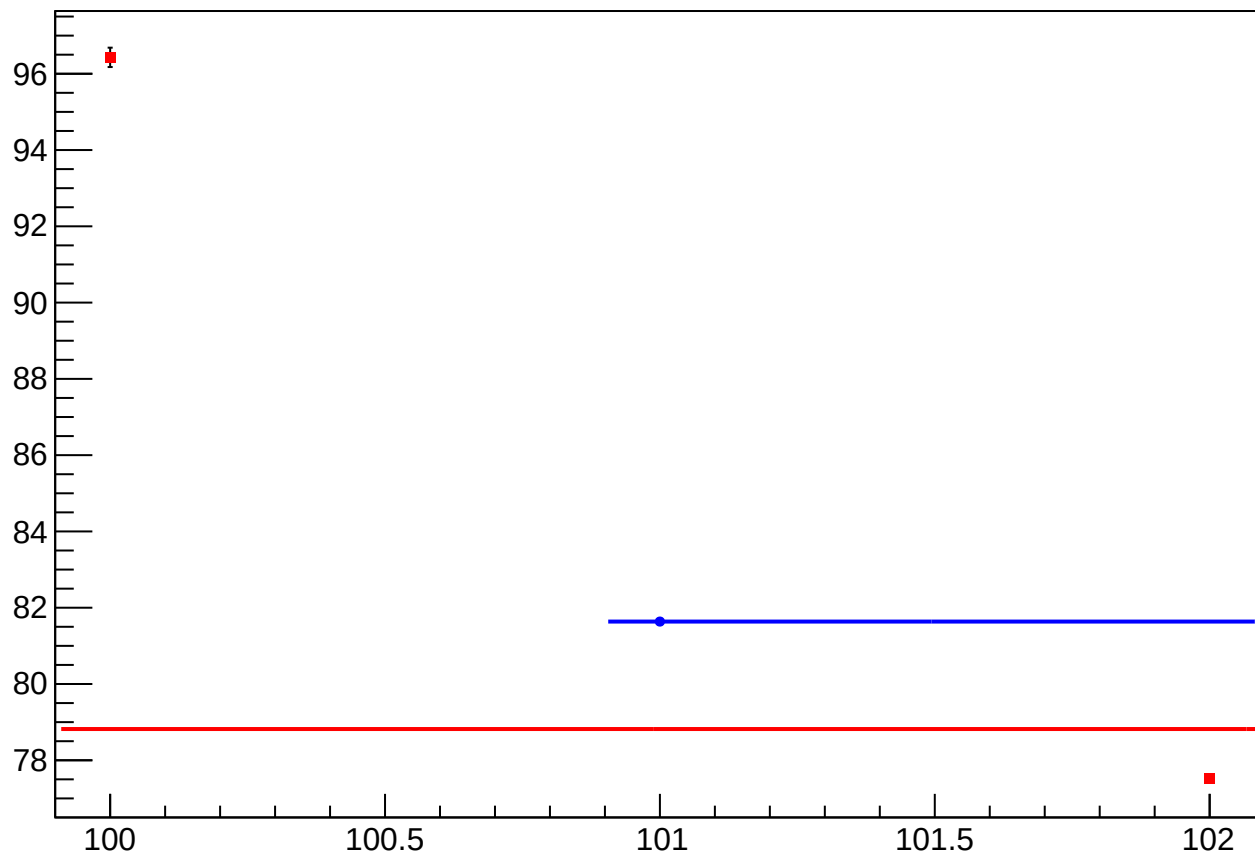
Right: 0.072+/-0.069 χ^2/NDF : 1.4/2

In: 0.153+/-0.101 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.072+/-0.069 χ^2/NDF : 1.4/2

asym_sam_1526_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 81.637 $\pm$ 0.072 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 78.819 $\pm$ 0.066 χ^2 /NDF: 5164.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

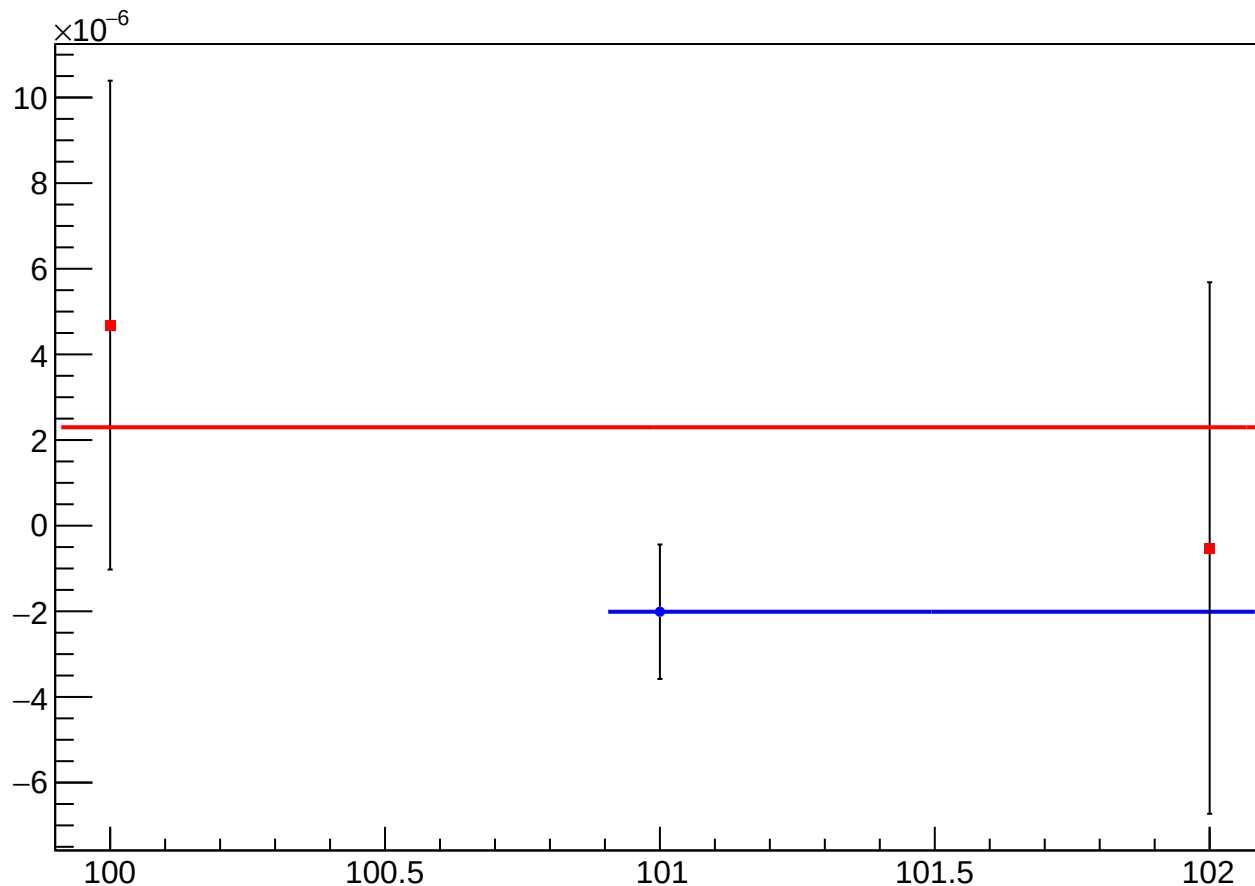
Right: 80.117 $\pm$ 0.049 χ^2 /NDF: 5996.7/2

In: 81.637 $\pm$ 0.072 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 80.117 $\pm$ 0.049 χ^2 /NDF: 5996.7/2

asym_sam_1526_avg_eigen_dit_vs_dit_diff_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 : 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

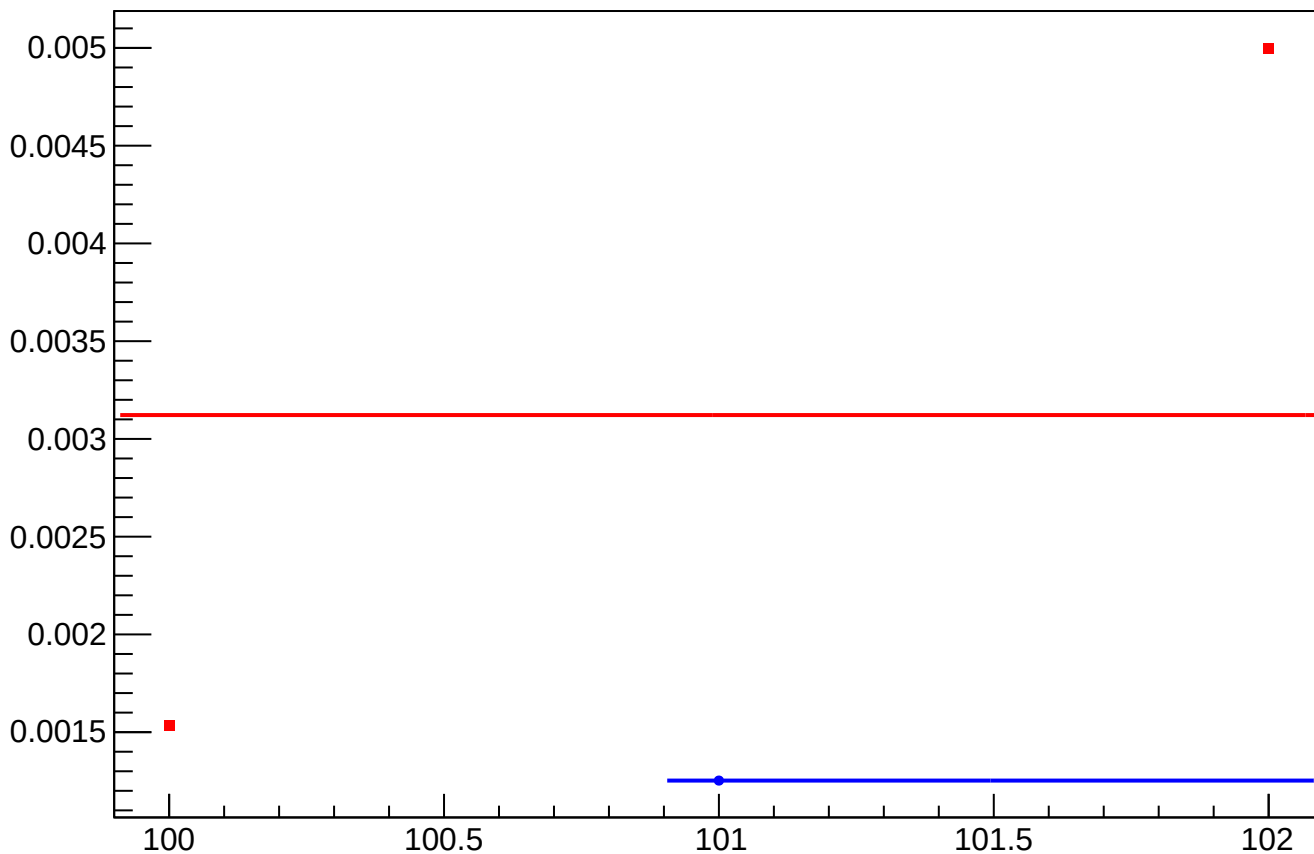
Right: -0.000+/-0.000 χ^2/NDF : 1.3/2

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 : 1.3/2

asym_sam_1526_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 336812.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

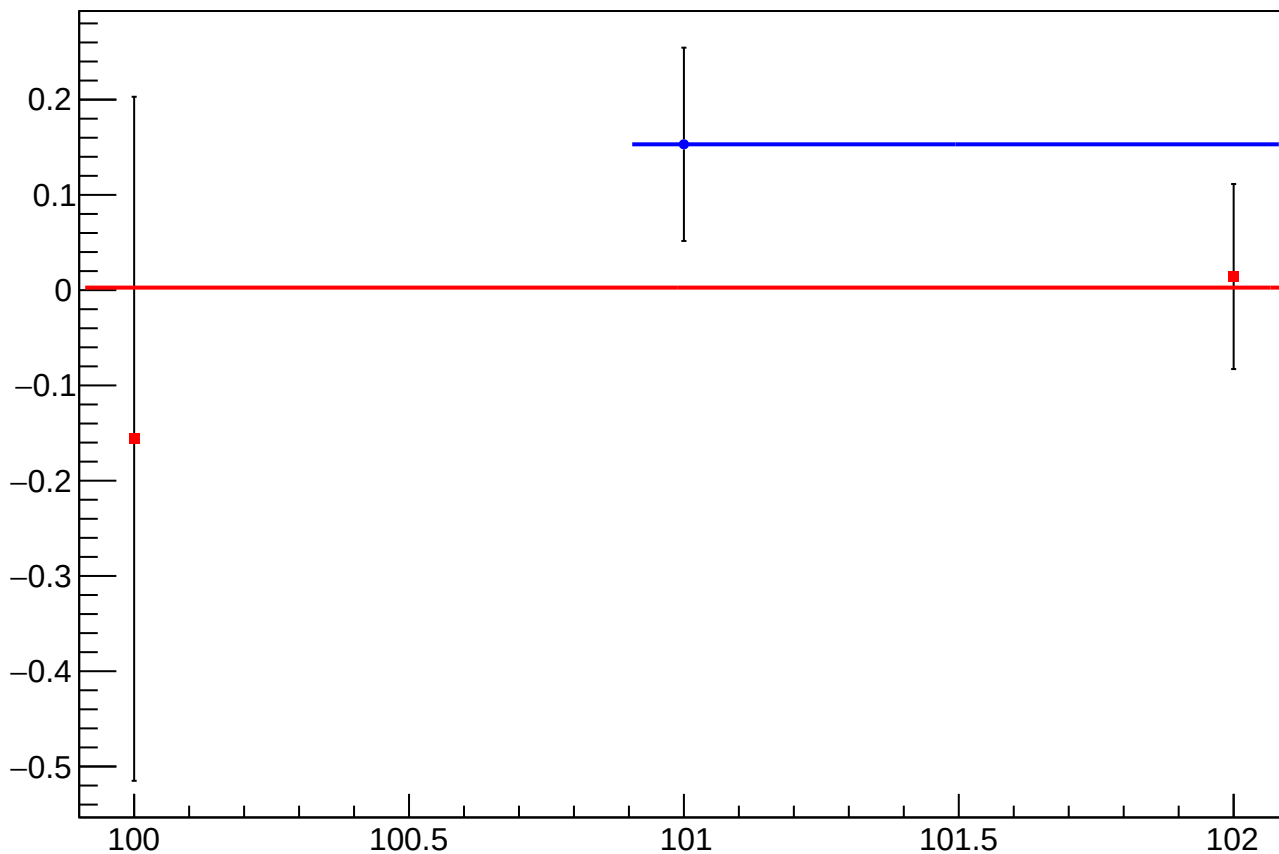
Right: 0.001+/-0.000 χ^2/NDF : 684303.4/2

In: 0.001+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 684303.4/2

asym_sam_1526_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.153+/-0.101 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.094 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

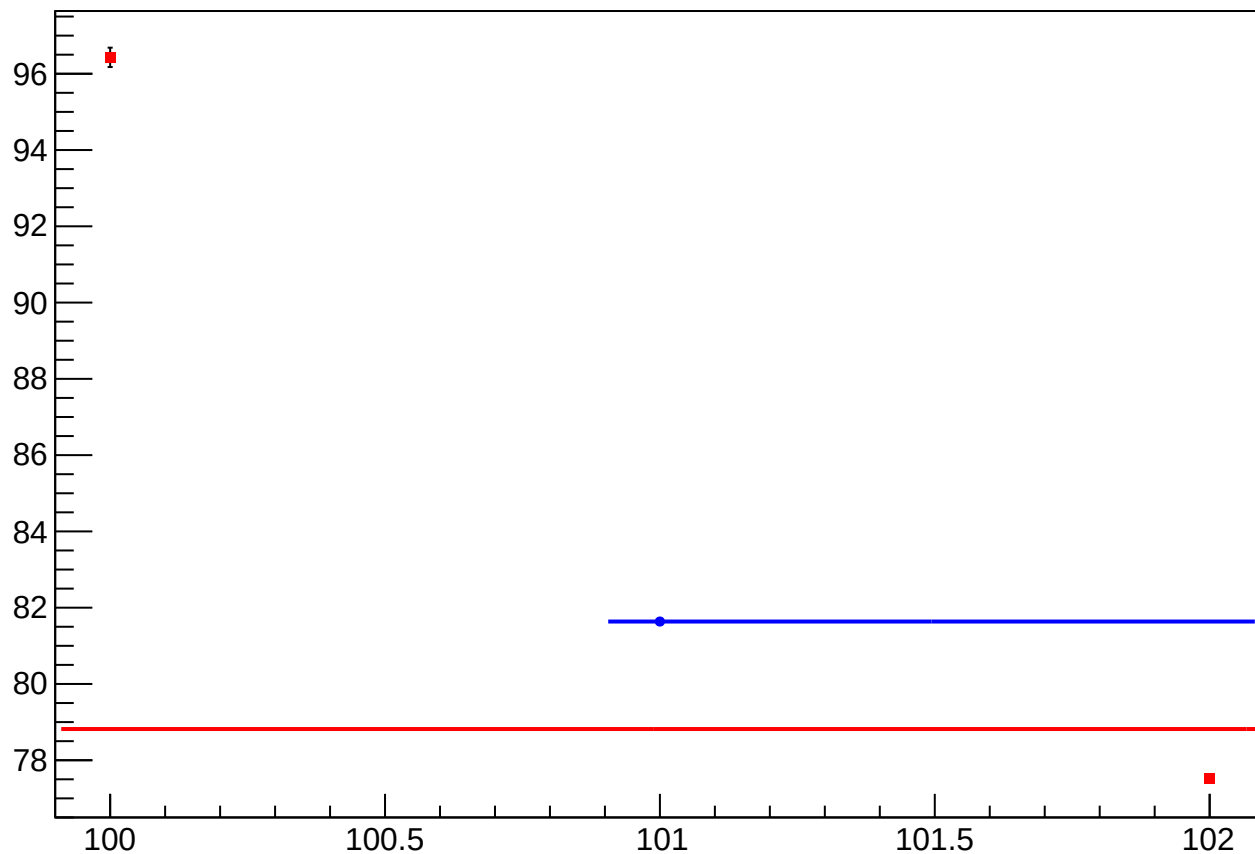
Right: 0.072+/-0.069 χ^2/NDF : 1.4/2

In: 0.153+/-0.101 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.072+/-0.069 χ^2/NDF : 1.4/2

asym_sam_1526_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 81.637 $\pm$ 0.072 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 78.818 $\pm$ 0.066 χ^2 /NDF: 5165.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

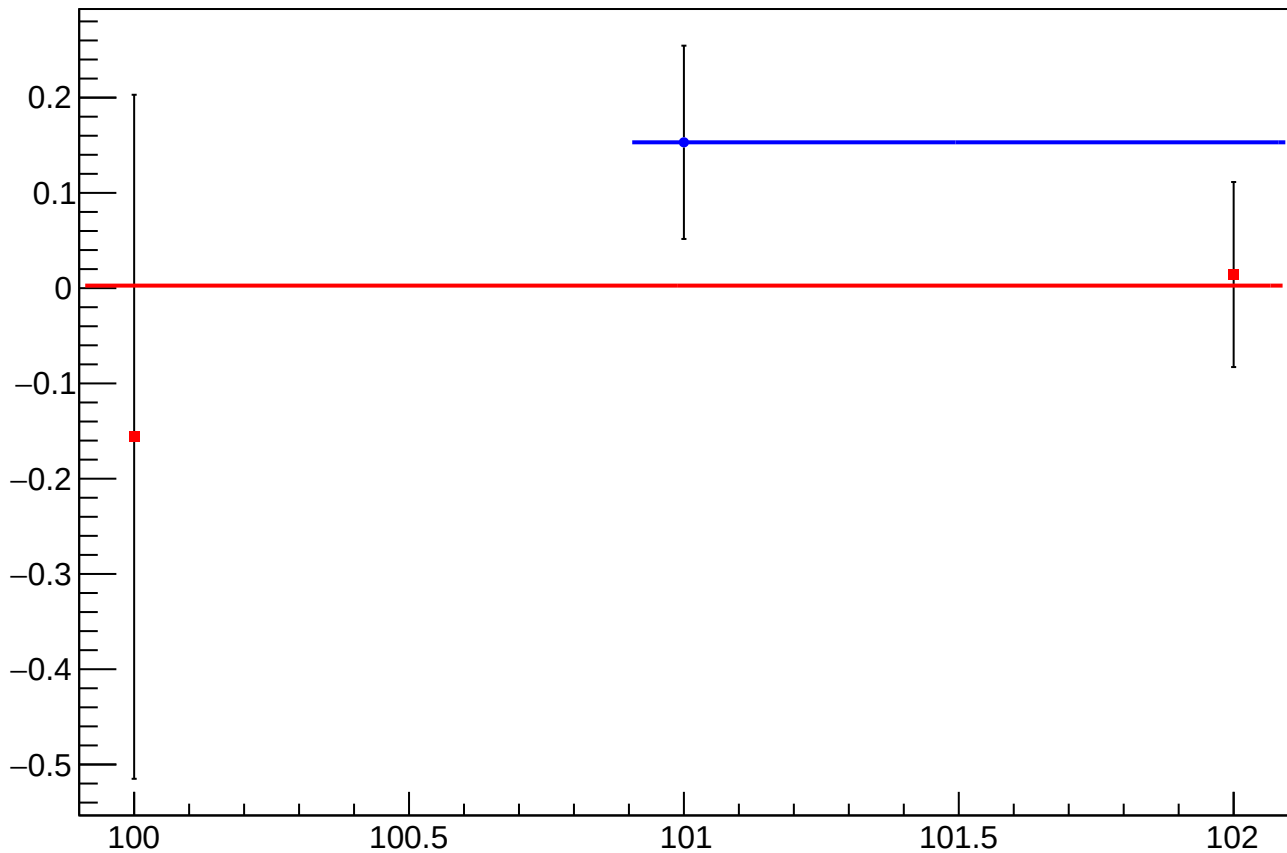
Right: 80.117 $\pm$ 0.049 χ^2 /NDF: 5997.9/2

In: 81.637 $\pm$ 0.072 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 80.117 $\pm$ 0.049 χ^2 /NDF: 5997.9/2

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.153+/-0.101 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.094 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

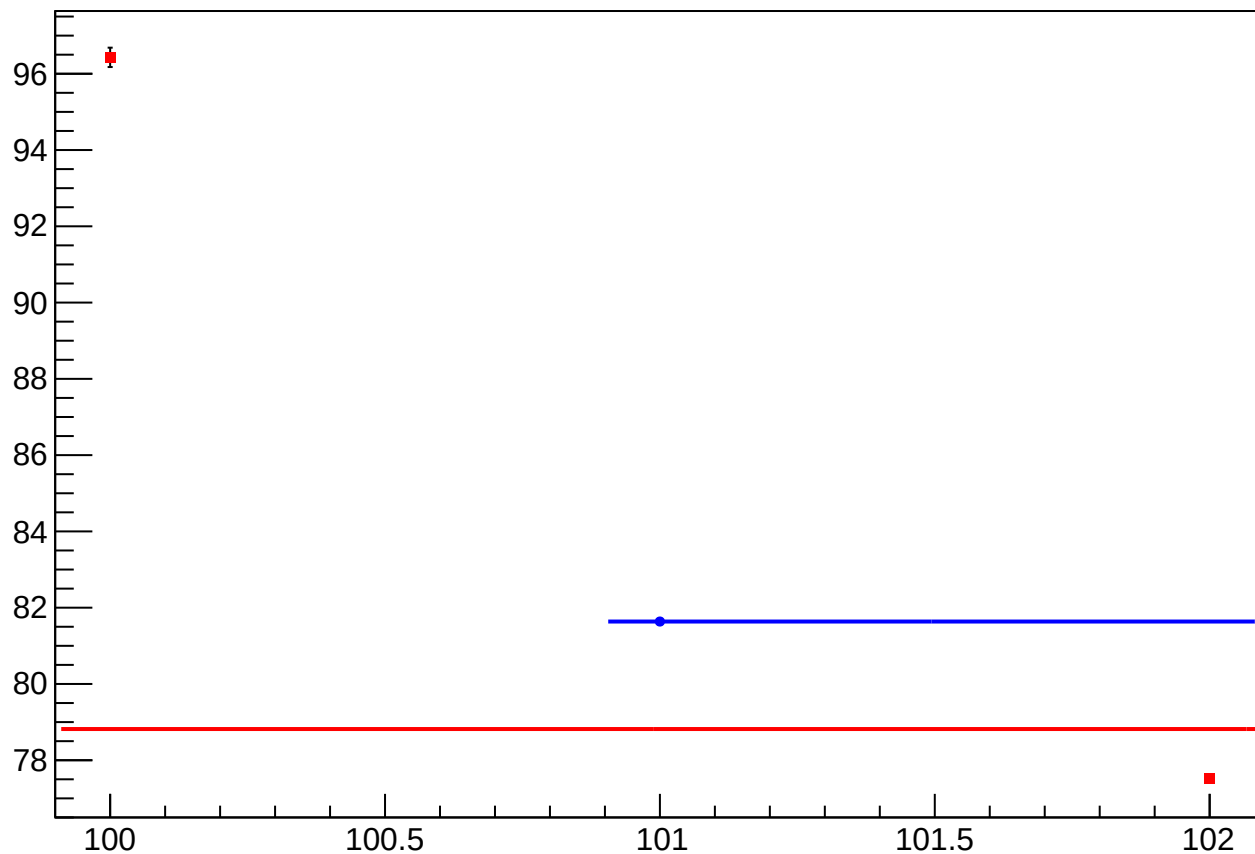
Right: 0.072+/-0.069 χ^2/NDF : 1.4/2

In: 0.153+/-0.101 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.072+/-0.069 χ^2/NDF : 1.4/2

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 81.637 $\pm$ 0.072 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 78.818 $\pm$ 0.066 χ^2 /NDF: 5165.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

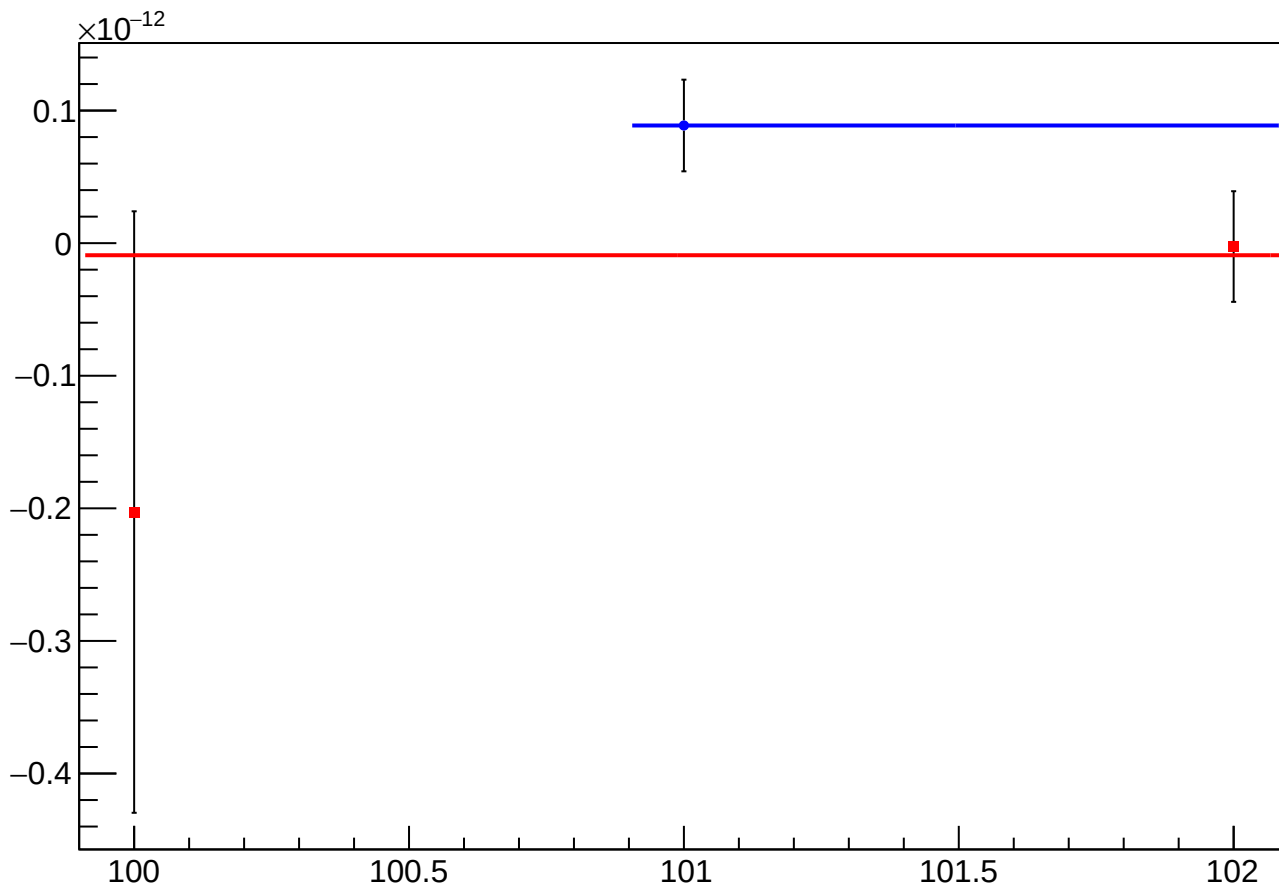
Right: 80.117 $\pm$ 0.049 χ^2 /NDF: 5997.9/2

In: 81.637 $\pm$ 0.072 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 80.117 $\pm$ 0.049 χ^2 /NDF: 5997.9/2

asym_sam_1526_avg_eigen_cor_vs_cor_diff_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 : 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

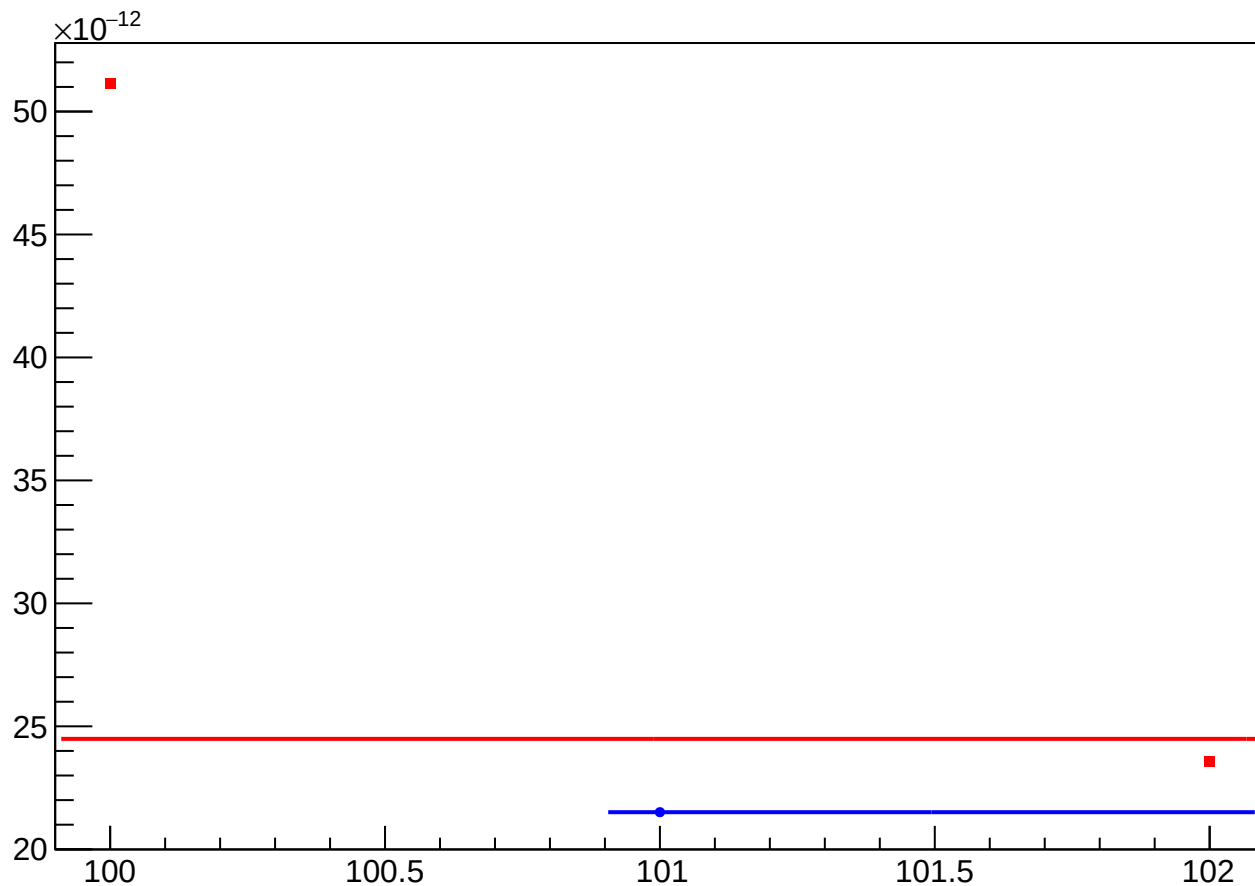
Right: 0.000+/-0.000 χ^2/NDF : 4.1/2

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 : 4.1/2

asym_sam_1526_avg_eigen_cor_vs_cor_diff_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 : 28530.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

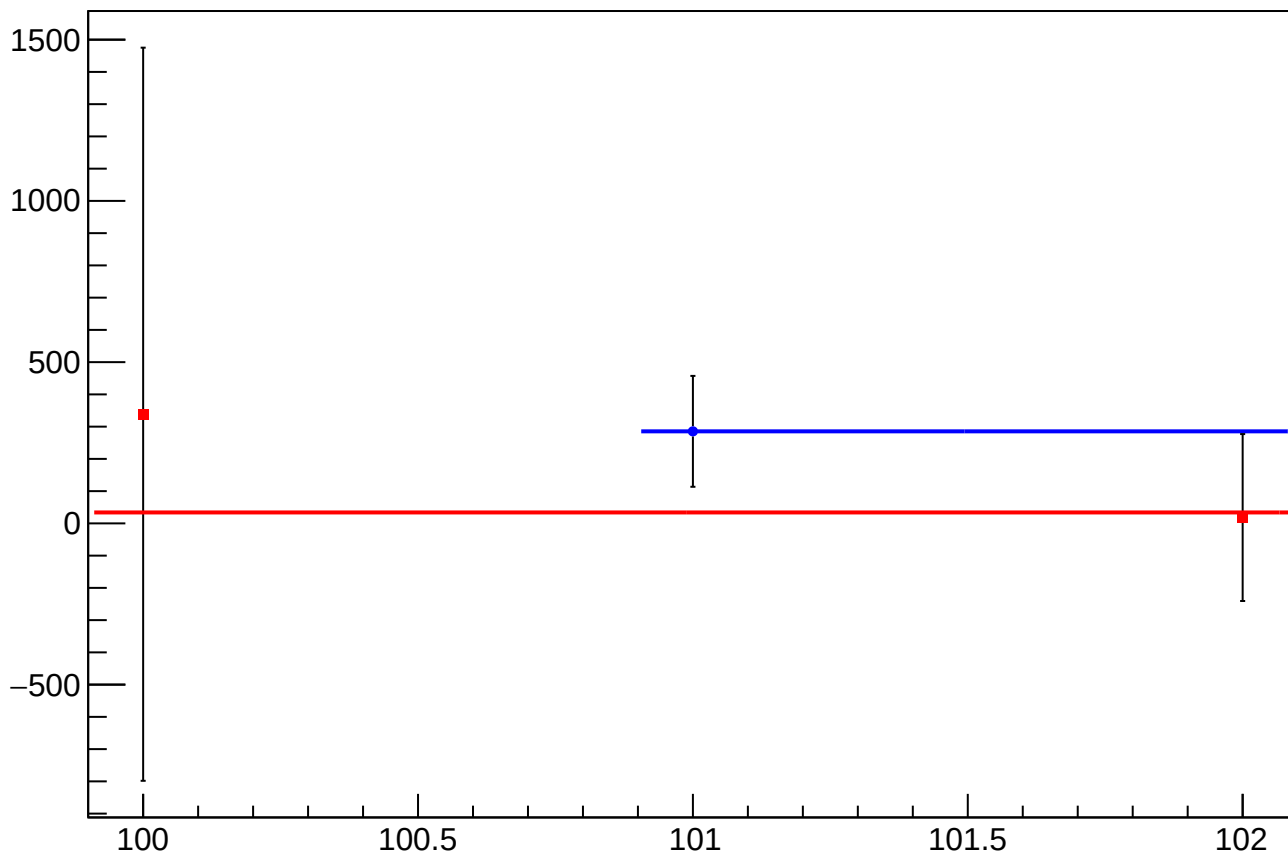
Right: 0.000+/-0.000 χ^2/NDF : 34709.9/2

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 : 34709.9/2

reg_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 285.422+/-171.919 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.920+/-252.373 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

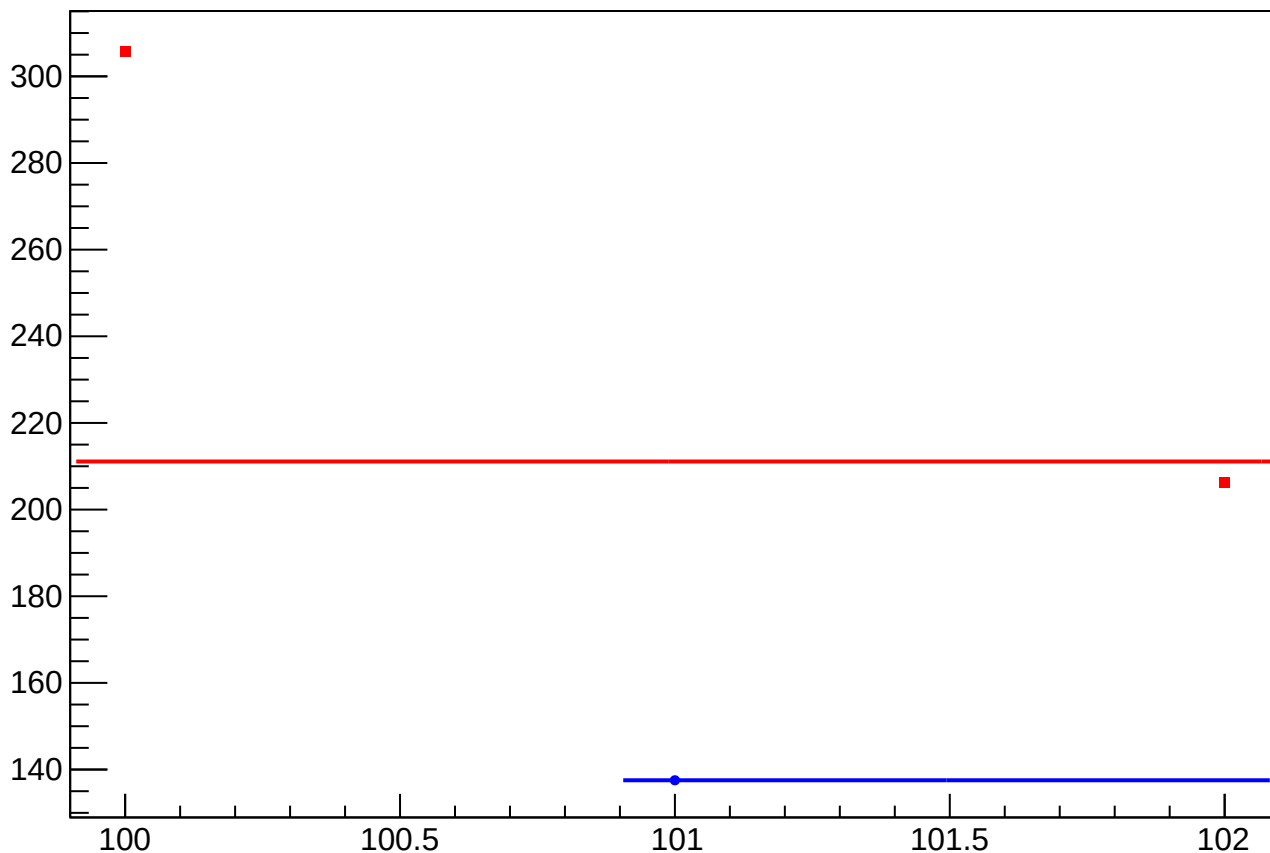
Right: 205.706+/-142.084 χ^2/NDF : 0.8/2

In: 285.422+/-171.919 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 205.706+/-142.084 χ^2/NDF : 0.8/2

reg_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 137.523+/-0.122 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 211.100+/-0.178 χ^2/NDF : 14605.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

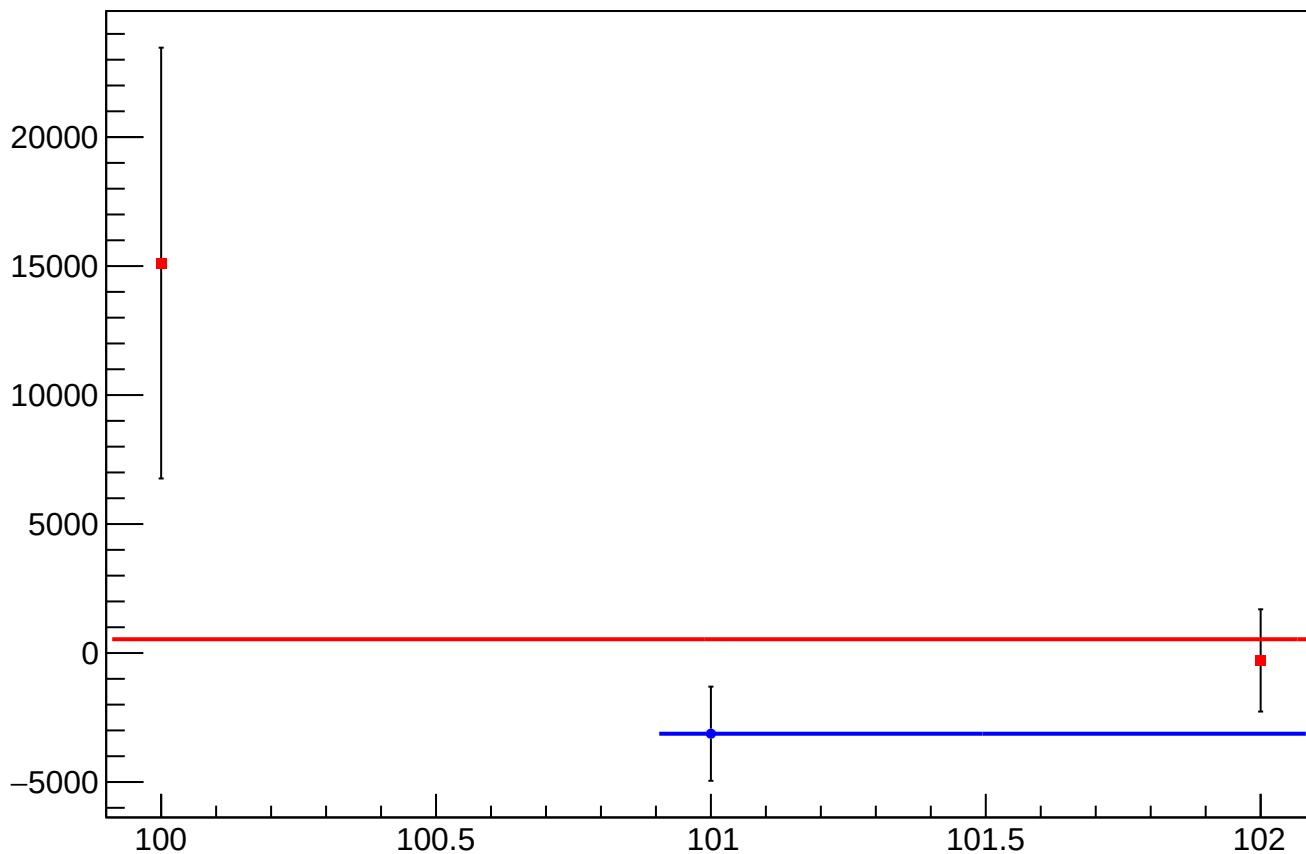
Right: 160.844+/-0.100 χ^2/NDF : 130717.0/2

In: 137.523+/-0.122 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.844+/-0.100 χ^2/NDF : 130717.0/2

asym_sam_3726_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -3128.146+/-1824.760 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 534.597+/-1927.998 χ^2/NDF : 3.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

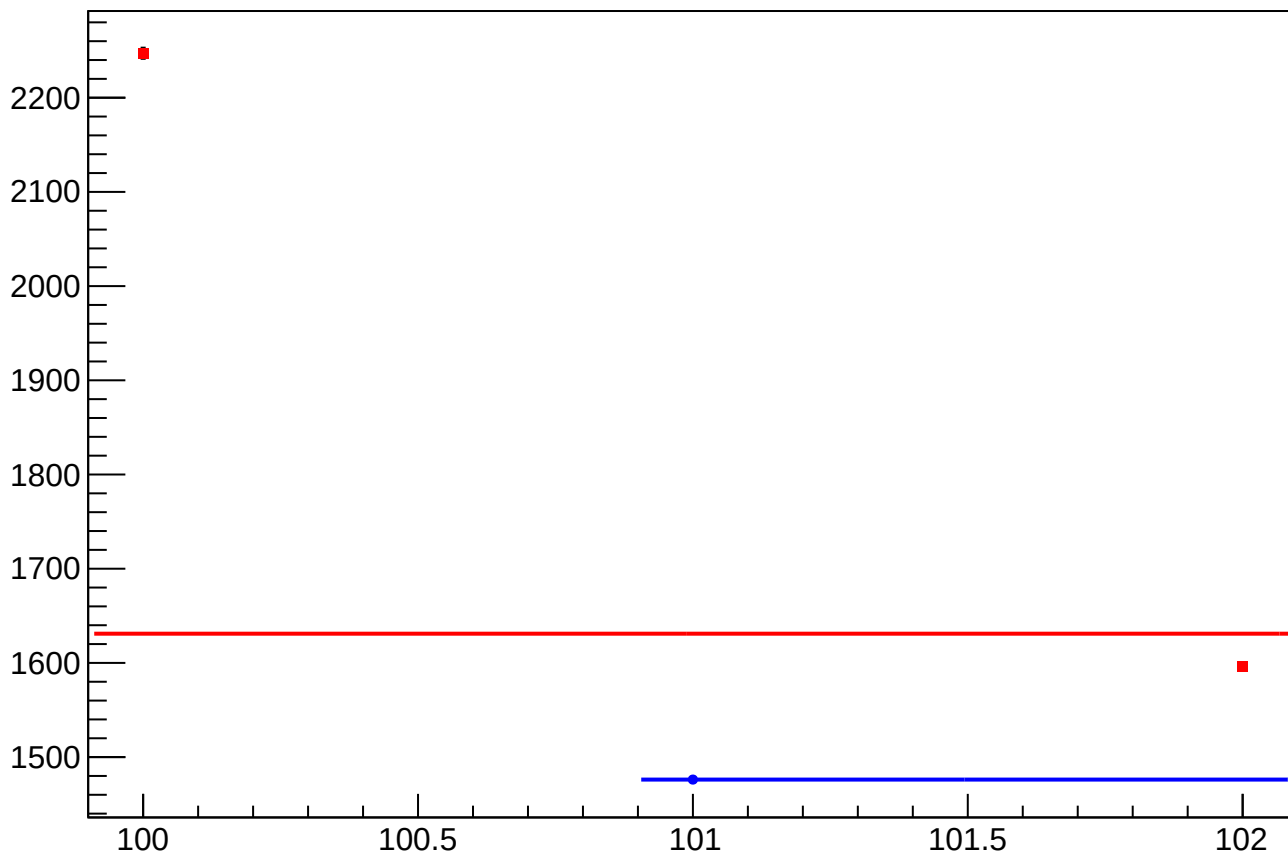
Right: -1397.460+/-1325.295 χ^2/NDF : 5.1/2

In: -3128.146+/-1824.760 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1397.460+/-1325.295 χ^2/NDF : 5.1/2

asym_sam_3726_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1476.142 $\pm$ 1.290 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1631.016 $\pm$ 1.363 χ^2 /NDF: 11504.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

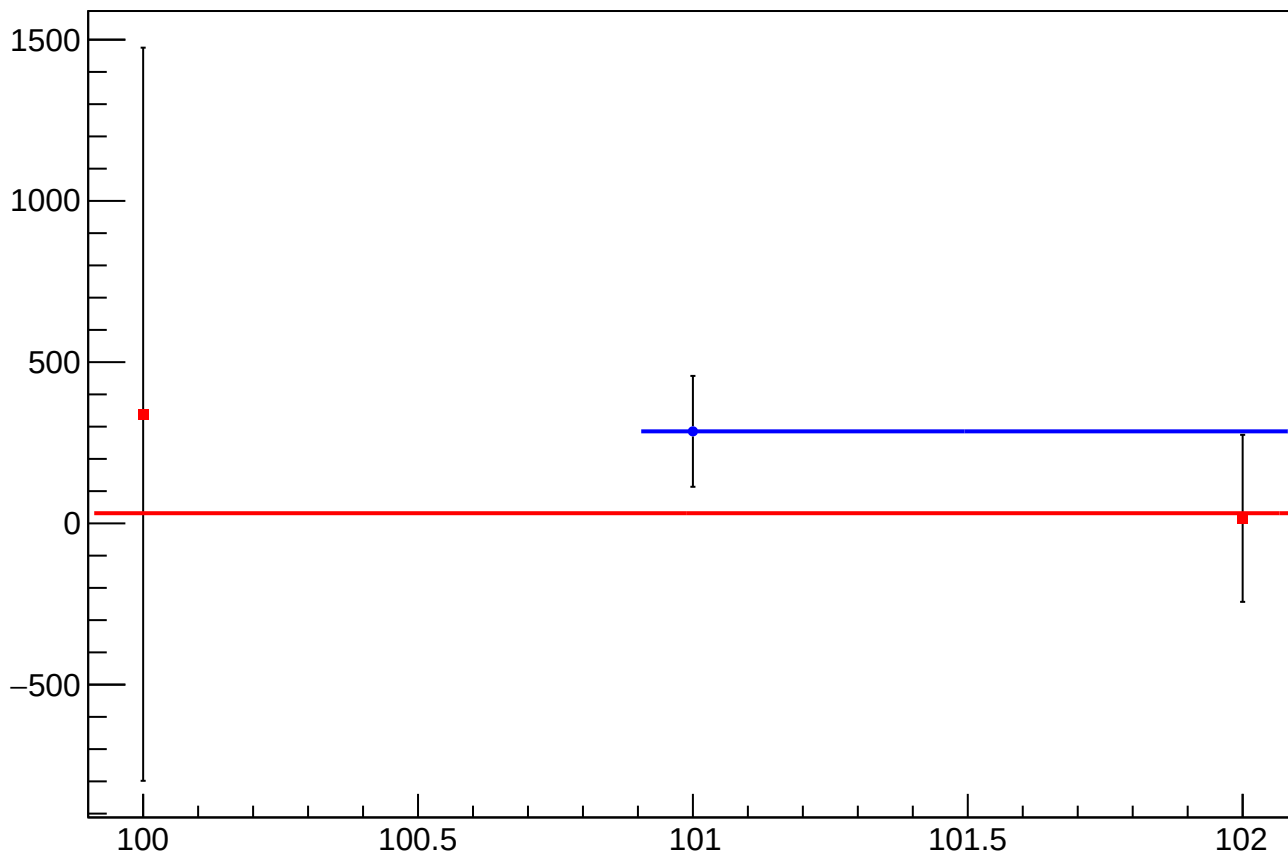
Right: 1549.322 $\pm$ 0.937 χ^2 /NDF: 18312.2/2

In: 1476.142 $\pm$ 1.290 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1549.322 $\pm$ 0.937 χ^2 /NDF: 18312.2/2

cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 285.414 $\pm$ 171.919 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 31.578 $\pm$ 252.509 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

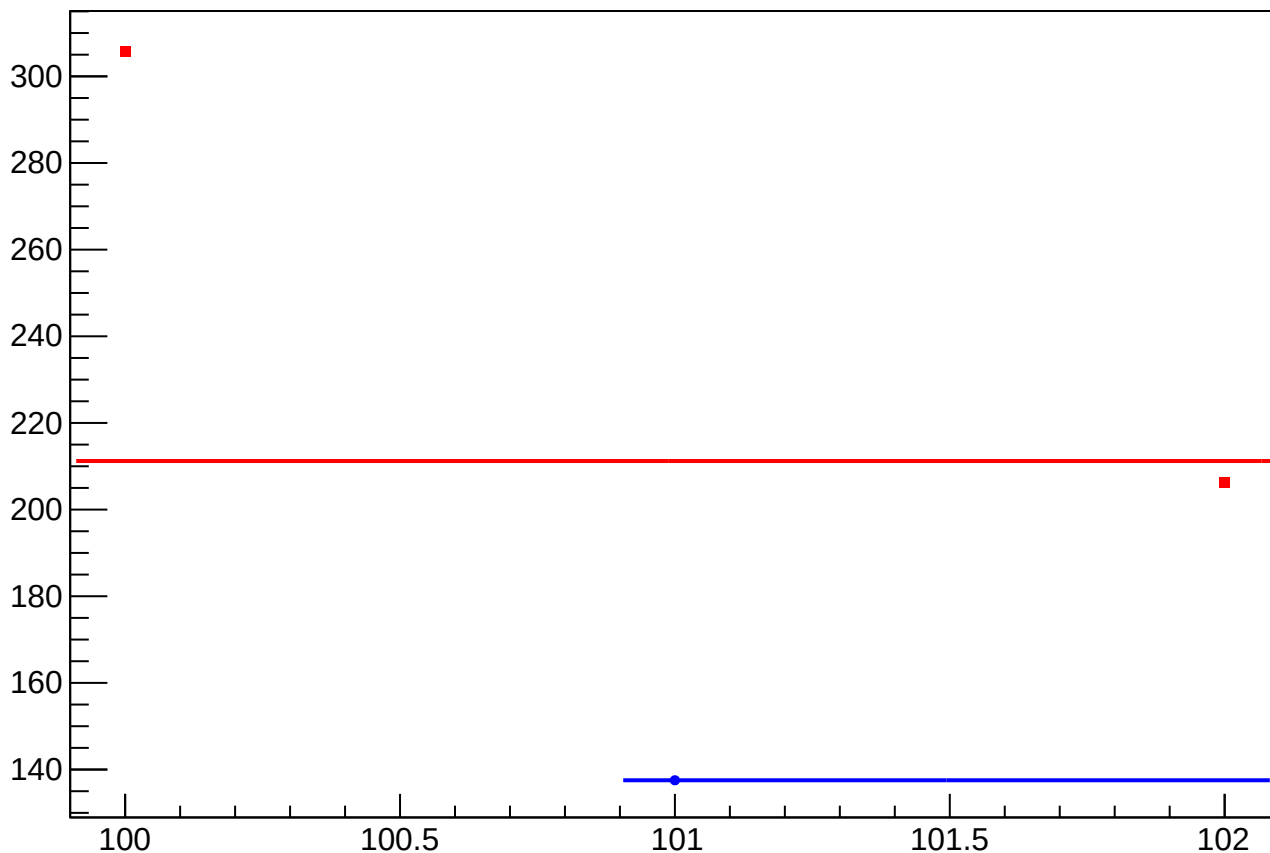
Right: 205.017 $\pm$ 142.109 χ^2 /NDF: 0.8/2

In: 285.414 $\pm$ 171.919 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 205.017 $\pm$ 142.109 χ^2 /NDF: 0.8/2

cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 137.523+/-0.122 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 211.213+/-0.179 χ^2/NDF : 14571.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

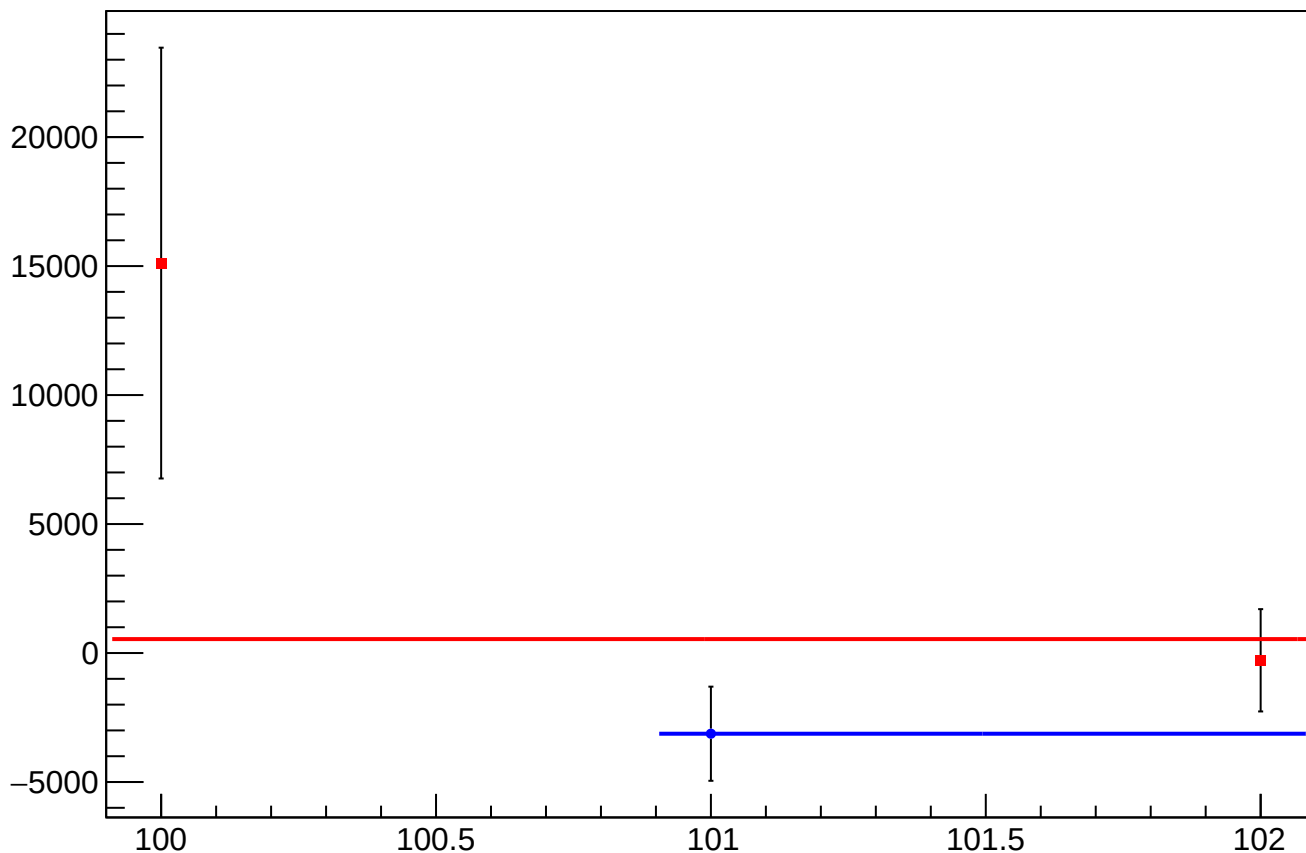
Right: 160.863+/-0.100 χ^2/NDF : 130955.0/2

In: 137.523+/-0.122 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.863+/-0.100 χ^2/NDF : 130955.0/2

asym_sam_3726_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -3128.124+/-1824.763 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 540.340+/-1929.270 χ^2/NDF : 3.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

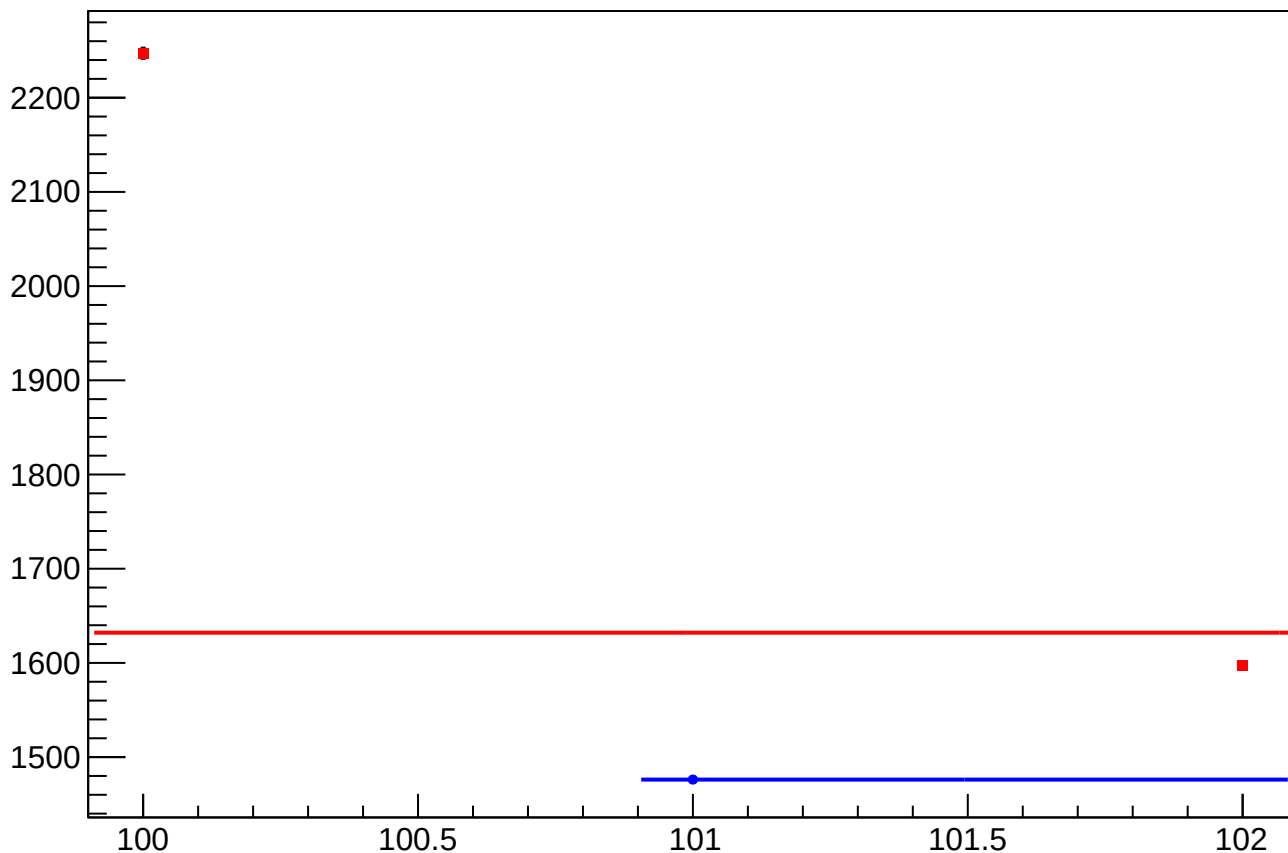
Right: -1395.938+/-1325.709 χ^2/NDF : 5.1/2

In: -3128.124+/-1824.763 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1395.938+/-1325.709 χ^2/NDF : 5.1/2

asym_sam_3726_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1476.144+/-1.290 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1632.107+/-1.364 χ^2/NDF : 11464.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

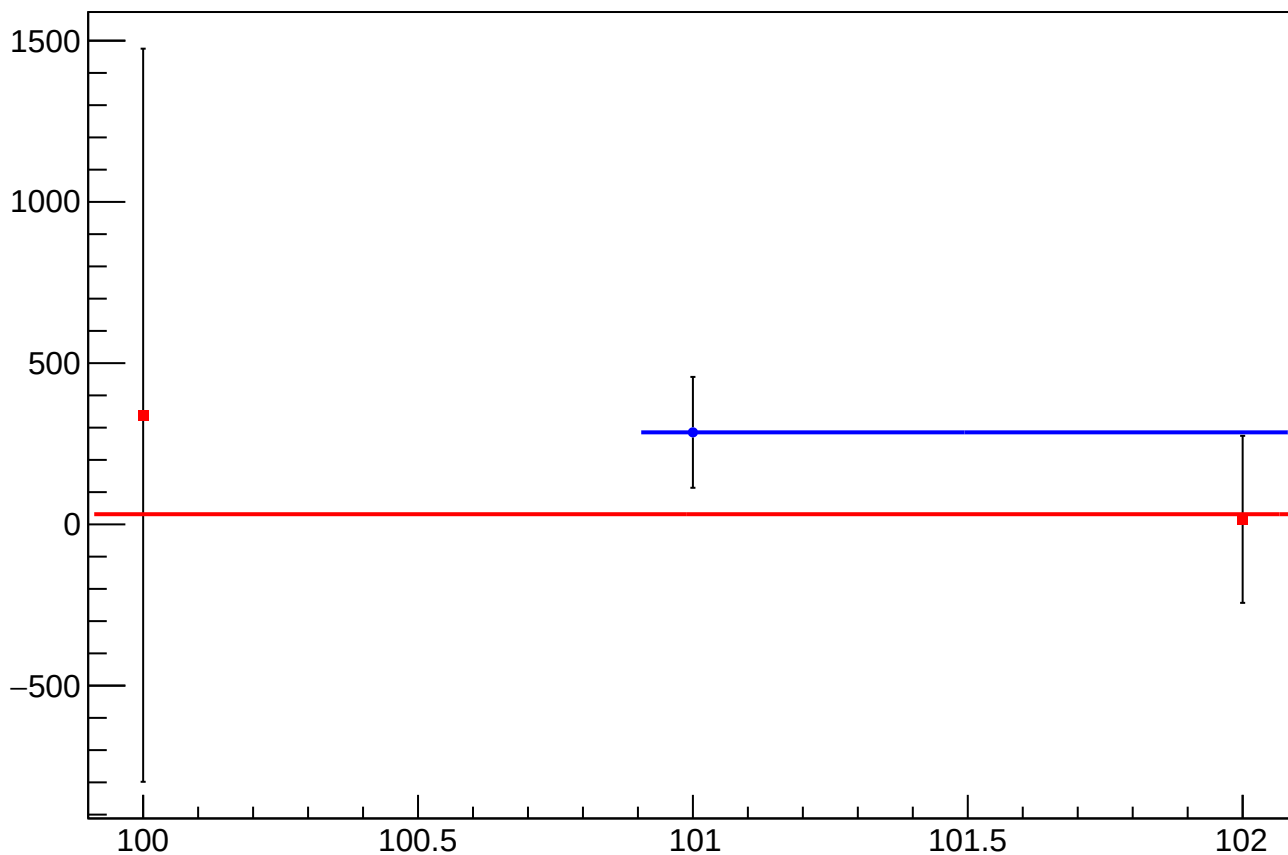
Right: 1549.787+/-0.937 χ^2/NDF : 18363.7/2

In: 1476.144+/-1.290 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1549.787+/-0.937 χ^2/NDF : 18363.7/2

eigen_cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 285.414+/-171.919 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.578+/-252.509 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

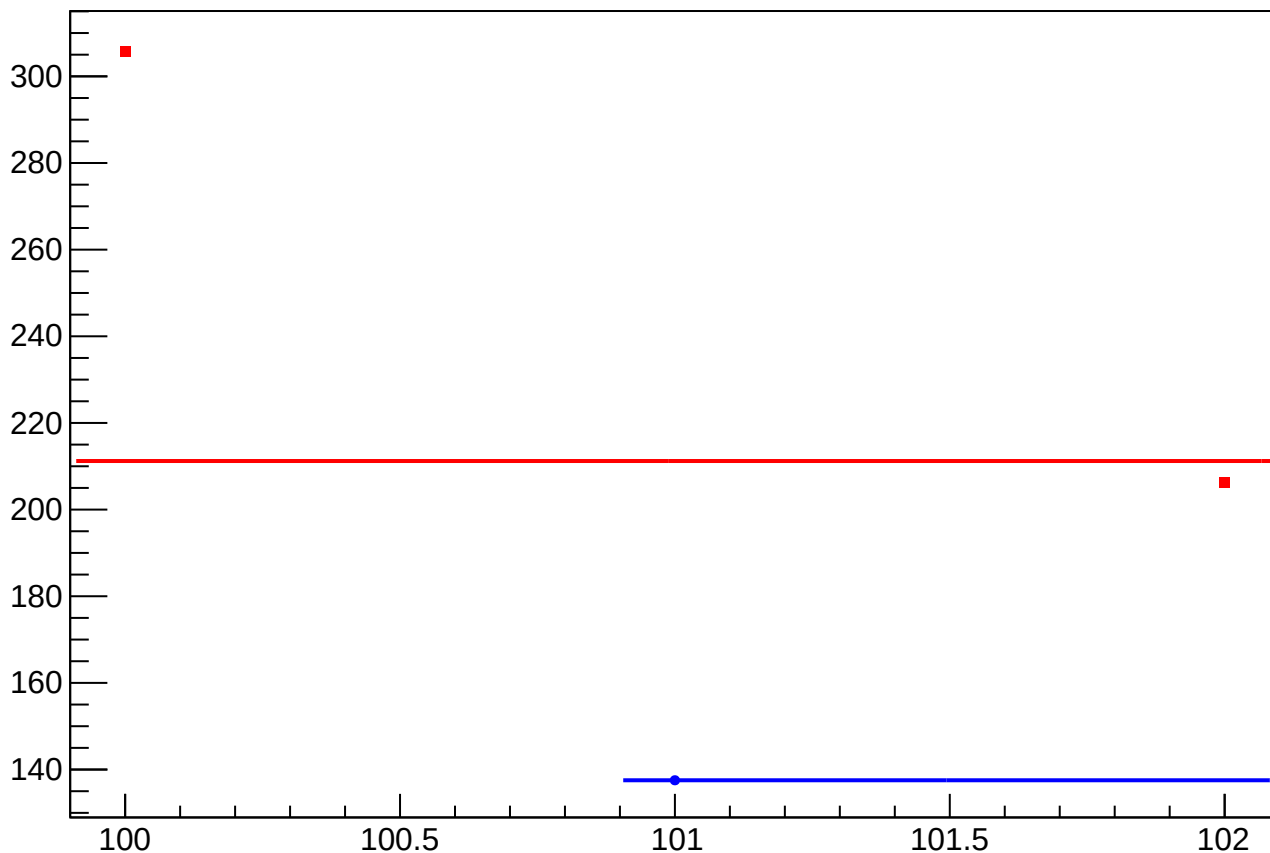
Right: 205.017+/-142.109 χ^2/NDF : 0.8/2

In: 285.414+/-171.919 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 205.017+/-142.109 χ^2/NDF : 0.8/2

eigen_cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 137.523 $\pm$ 0.122 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 211.213 $\pm$ 0.179 χ^2 /NDF: 14571.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

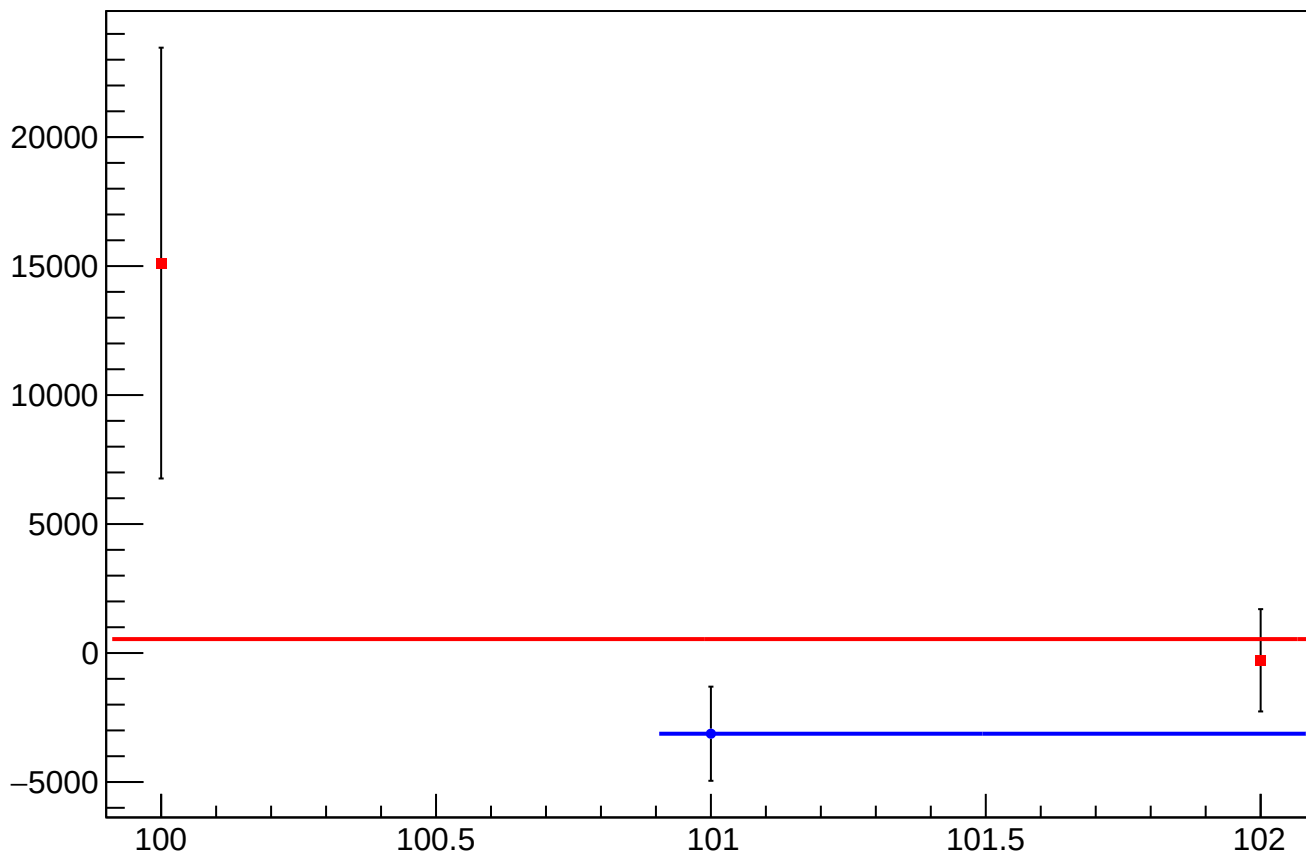
Right: 160.863 $\pm$ 0.100 χ^2 /NDF: 130955.0/2

In: 137.523 $\pm$ 0.122 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 160.863 $\pm$ 0.100 χ^2 /NDF: 130955.0/2

asym_sam_3726_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -3128.124+/-1824.763 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 540.340+/-1929.270 χ^2 /NDF: 3.2/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

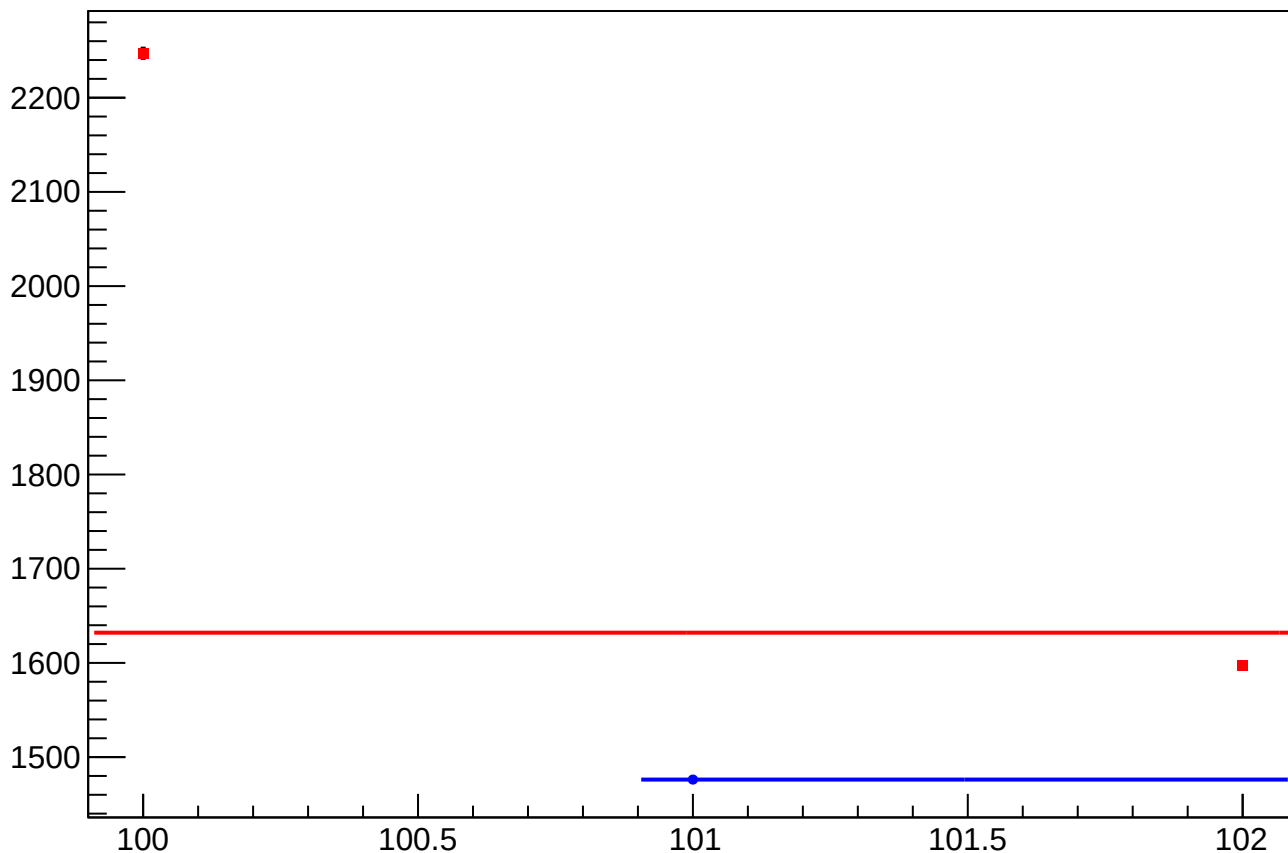
Right: -1395.938+/-1325.709 χ^2 /NDF: 5.1/2

In: -3128.124+/-1824.763 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1395.938+/-1325.709 χ^2 /NDF: 5.1/2

asym_sam_3726_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1476.144+/-1.290 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1632.107+/-1.364 χ^2/NDF : 11464.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

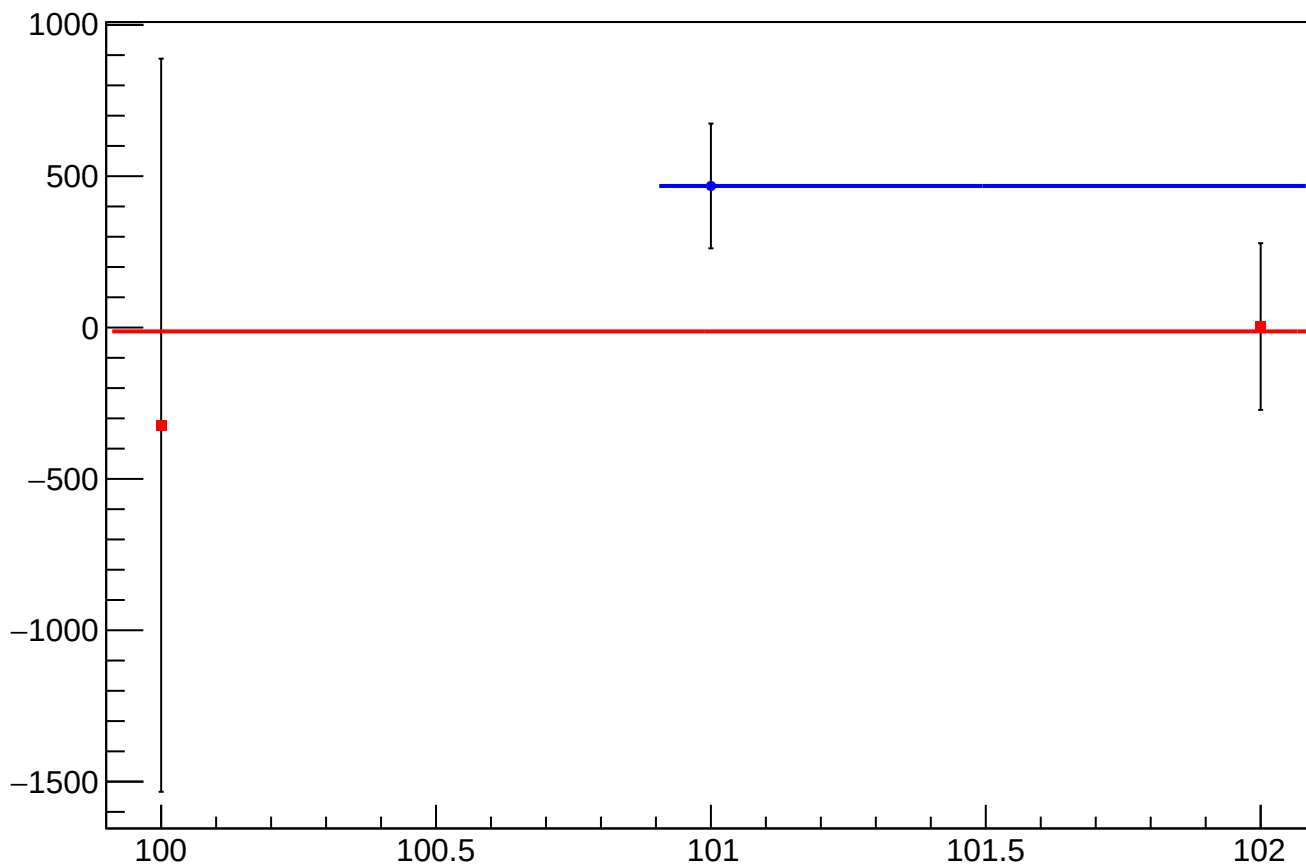
Right: 1549.787+/-0.937 χ^2/NDF : 18363.7/2

In: 1476.144+/-1.290 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1549.787+/-0.937 χ^2/NDF : 18363.7/2

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 467.727+/-206.095 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.652+/-268.471 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

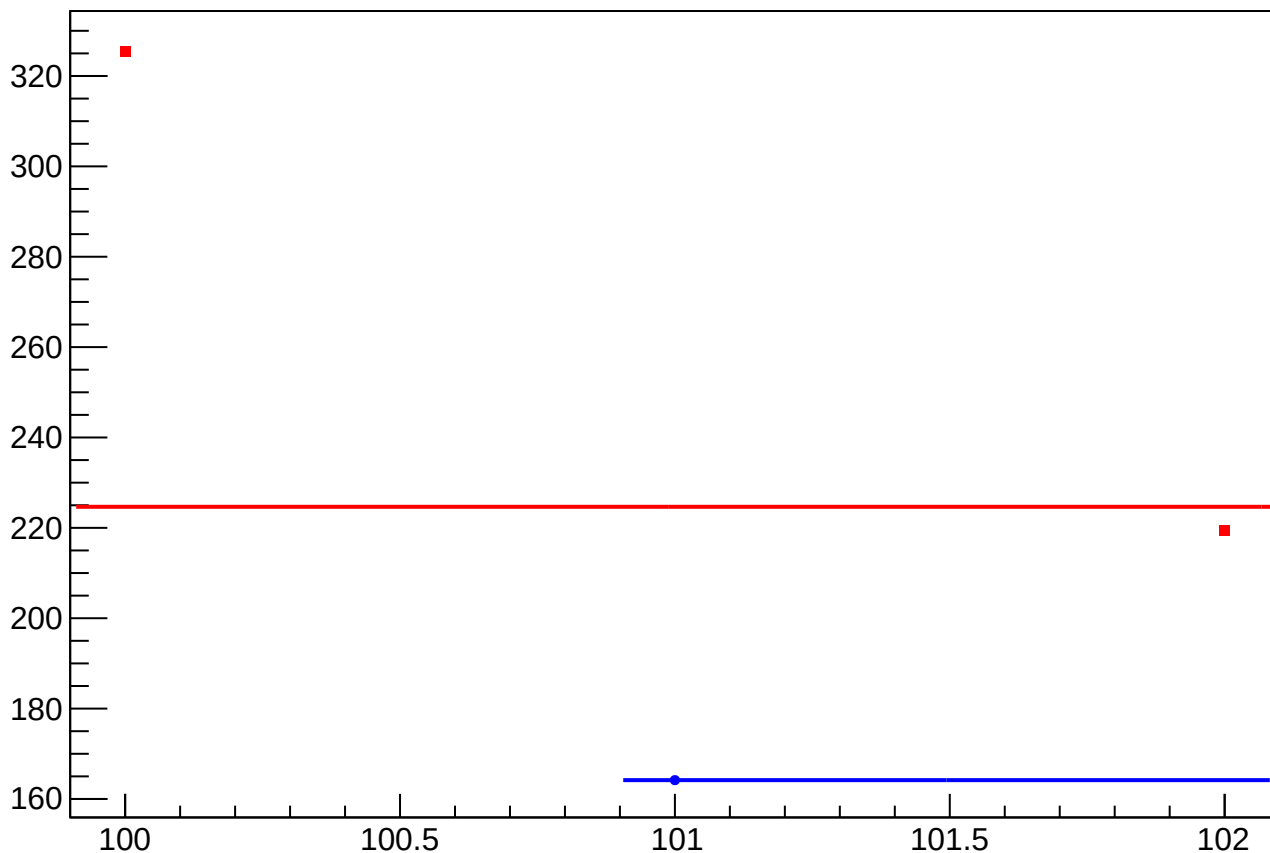
Right: 289.606+/-163.480 χ^2/NDF : 2.1/2

In: 467.727+/-206.095 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 289.606+/-163.480 χ^2/NDF : 2.1/2

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 164.168 $\pm$ 0.146 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 224.661 $\pm$ 0.190 χ^2 /NDF: 14560.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

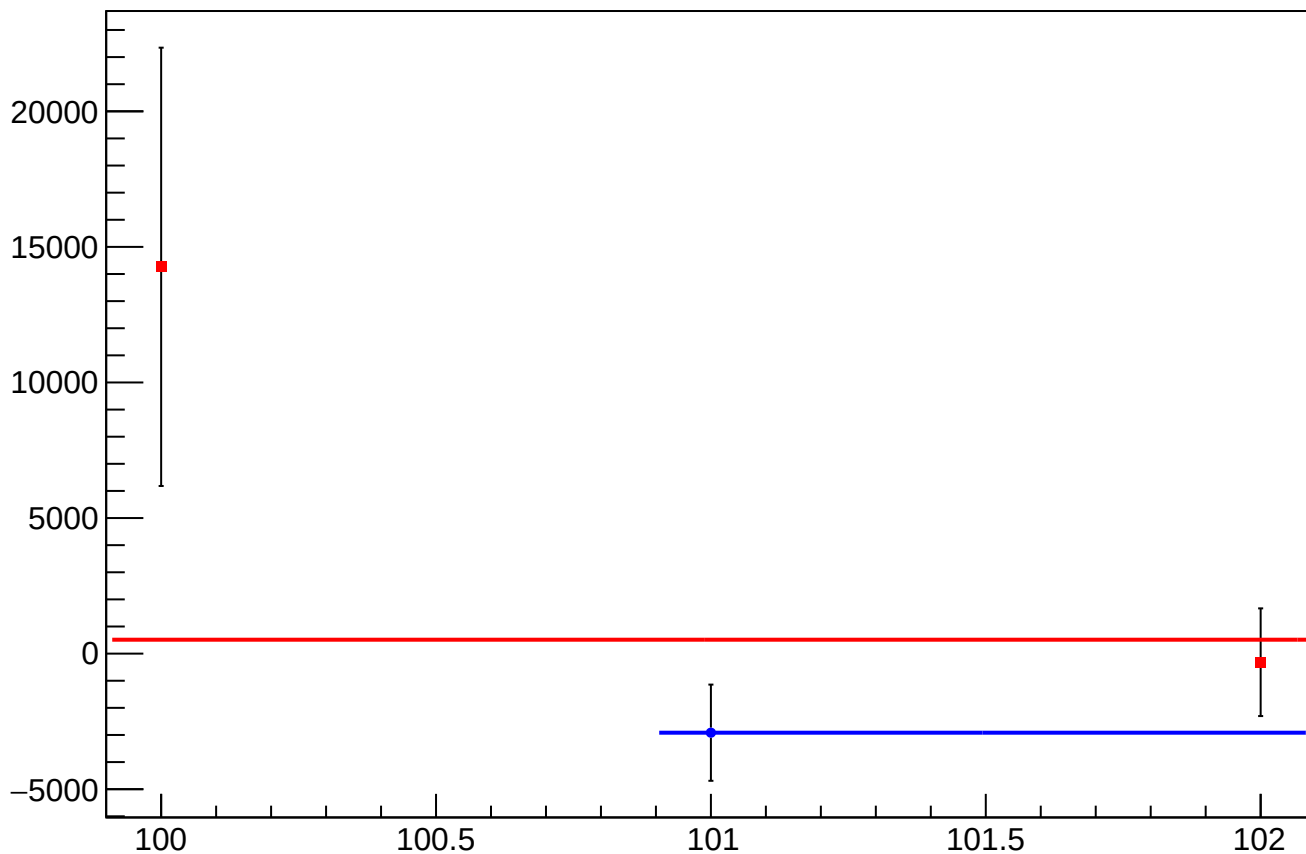
Right: 186.598 $\pm$ 0.116 χ^2 /NDF: 78452.4/2

In: 164.168 $\pm$ 0.146 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 186.598 $\pm$ 0.116 χ^2 /NDF: 78452.4/2

asym_sam_3726_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -2916.343+/-1773.949 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 513.061+/-1928.453 χ^2/NDF : 3.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

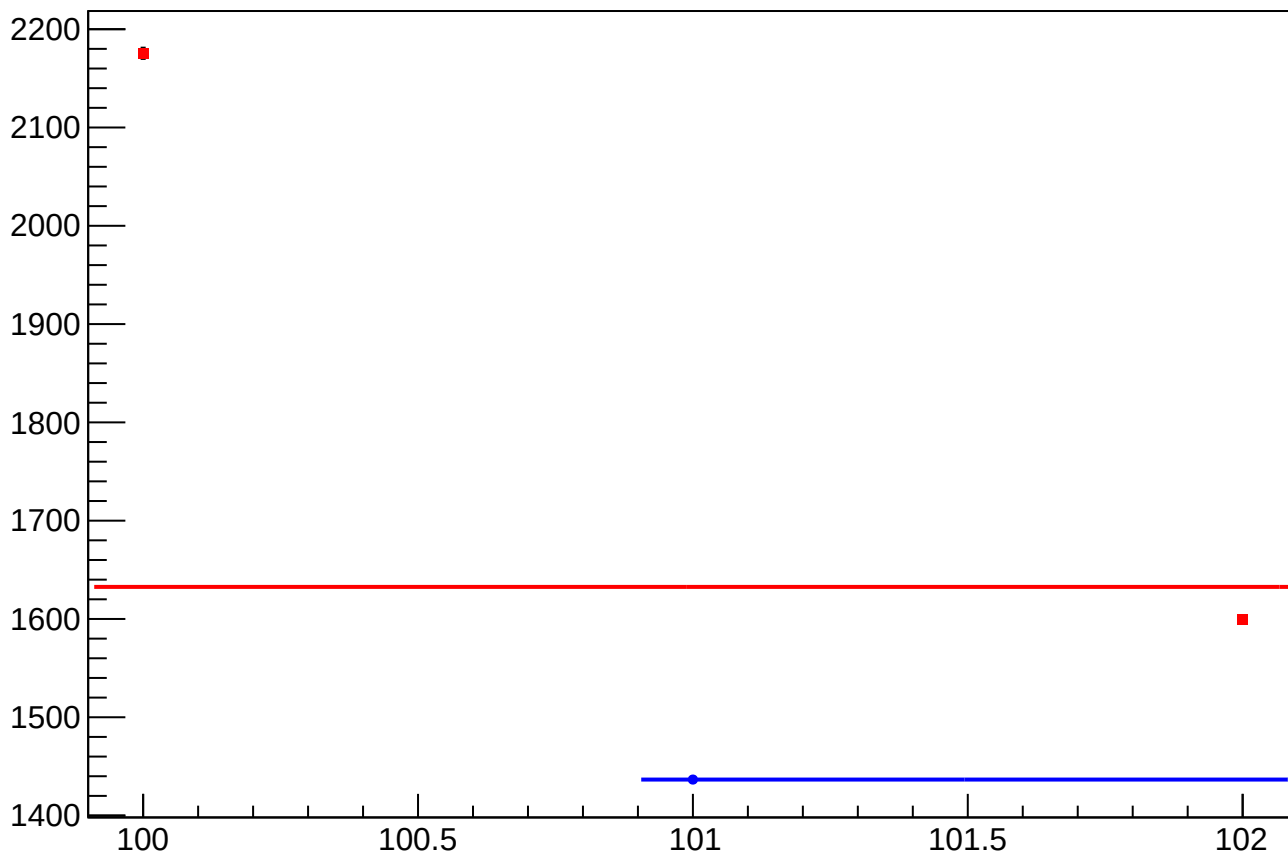
Right: -1344.504+/-1305.581 χ^2/NDF : 4.8/2

In: -2916.343+/-1773.949 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1344.504+/-1305.581 χ^2/NDF : 4.8/2

asym_sam_3726_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1436.611+/-1.254 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1632.620+/-1.364 χ^2/NDF : 9567.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

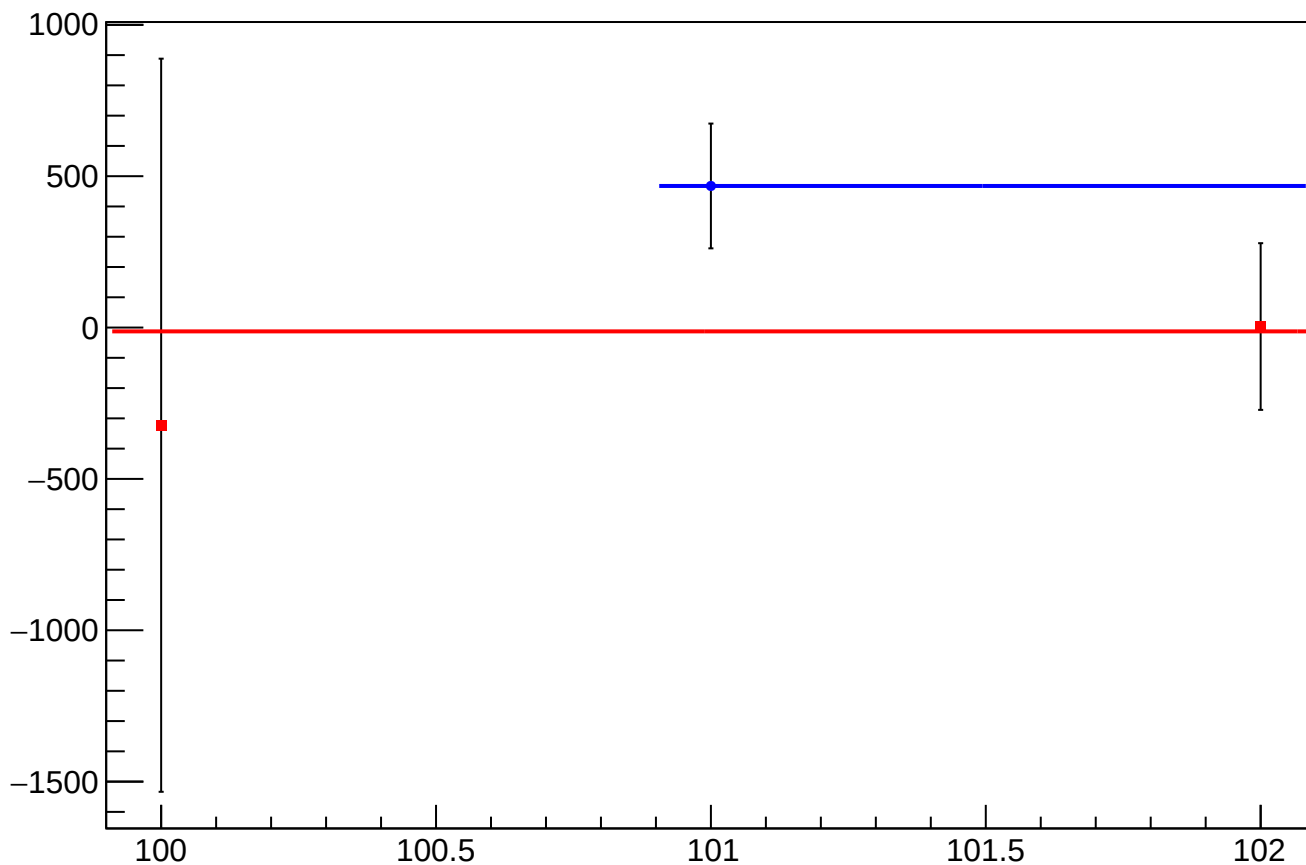
Right: 1526.450+/-0.923 χ^2/NDF : 20759.1/2

In: 1436.611+/-1.254 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1526.450+/-0.923 χ^2/NDF : 20759.1/2

eigen_dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 467.731 $\pm$ 206.095 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -12.654 $\pm$ 268.471 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

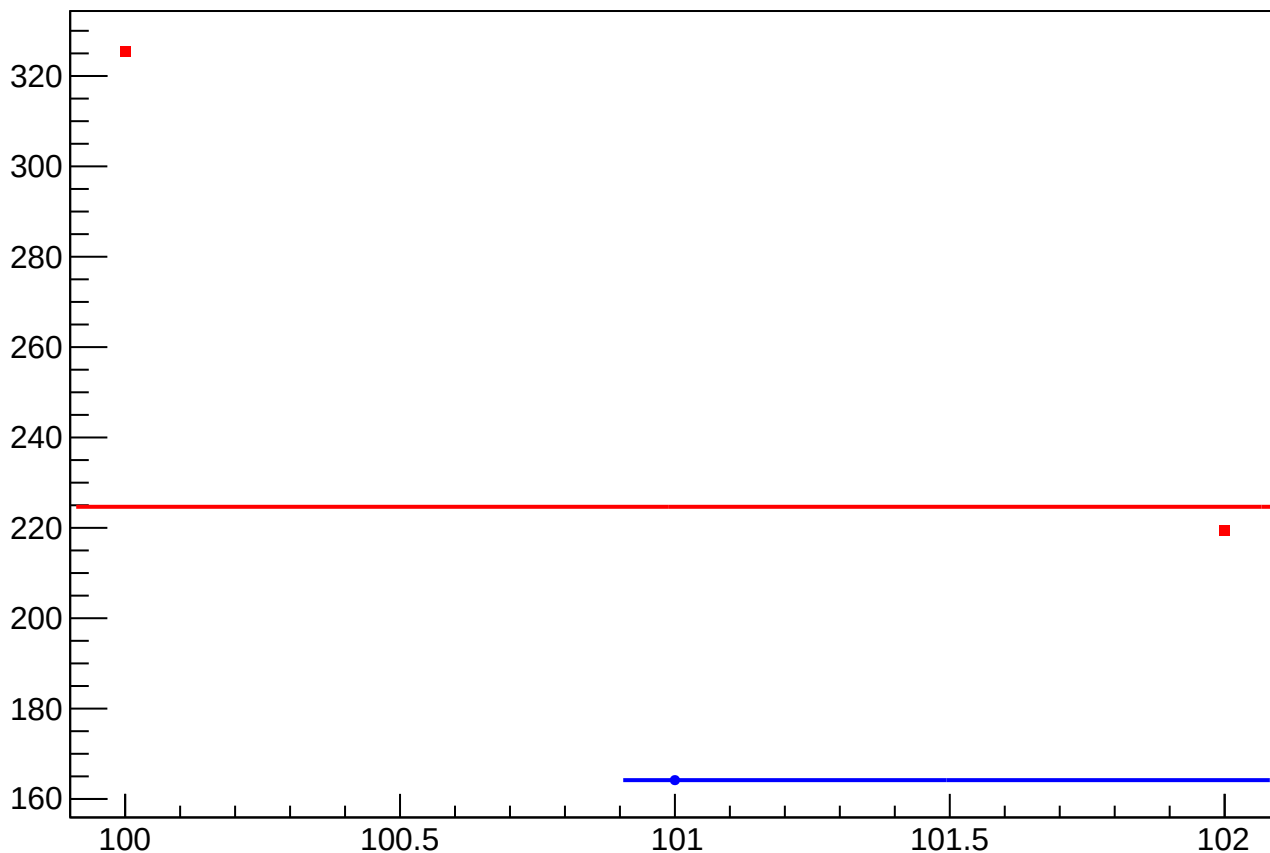
Right: 289.606 $\pm$ 163.480 χ^2 /NDF: 2.1/2

In: 467.731 $\pm$ 206.095 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 289.606 $\pm$ 163.480 χ^2 /NDF: 2.1/2

eigen_dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 164.168 ± 0.146 χ^2/NDF : 0.0/0

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 224.661 ± 0.190 χ^2/NDF : 14560.4/1

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

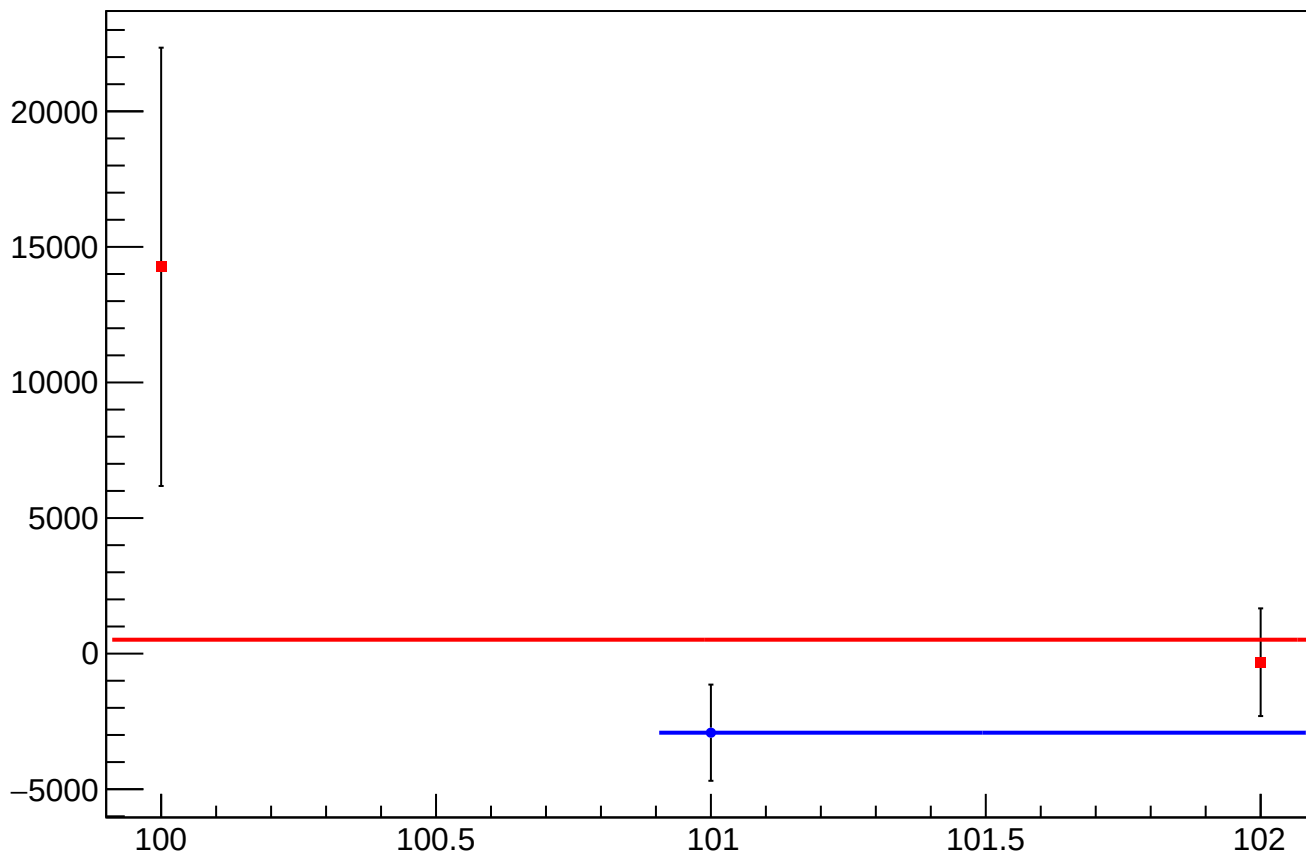
Right: 186.599 ± 0.116 χ^2/NDF : 78451.2/2

In: 164.168 ± 0.146 χ^2/NDF : 0.0/0

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 186.599 ± 0.116 χ^2/NDF : 78451.2/2

asym_sam_3726_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -2916.339+/-1773.947 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 513.056+/-1928.447 χ^2/NDF : 3.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

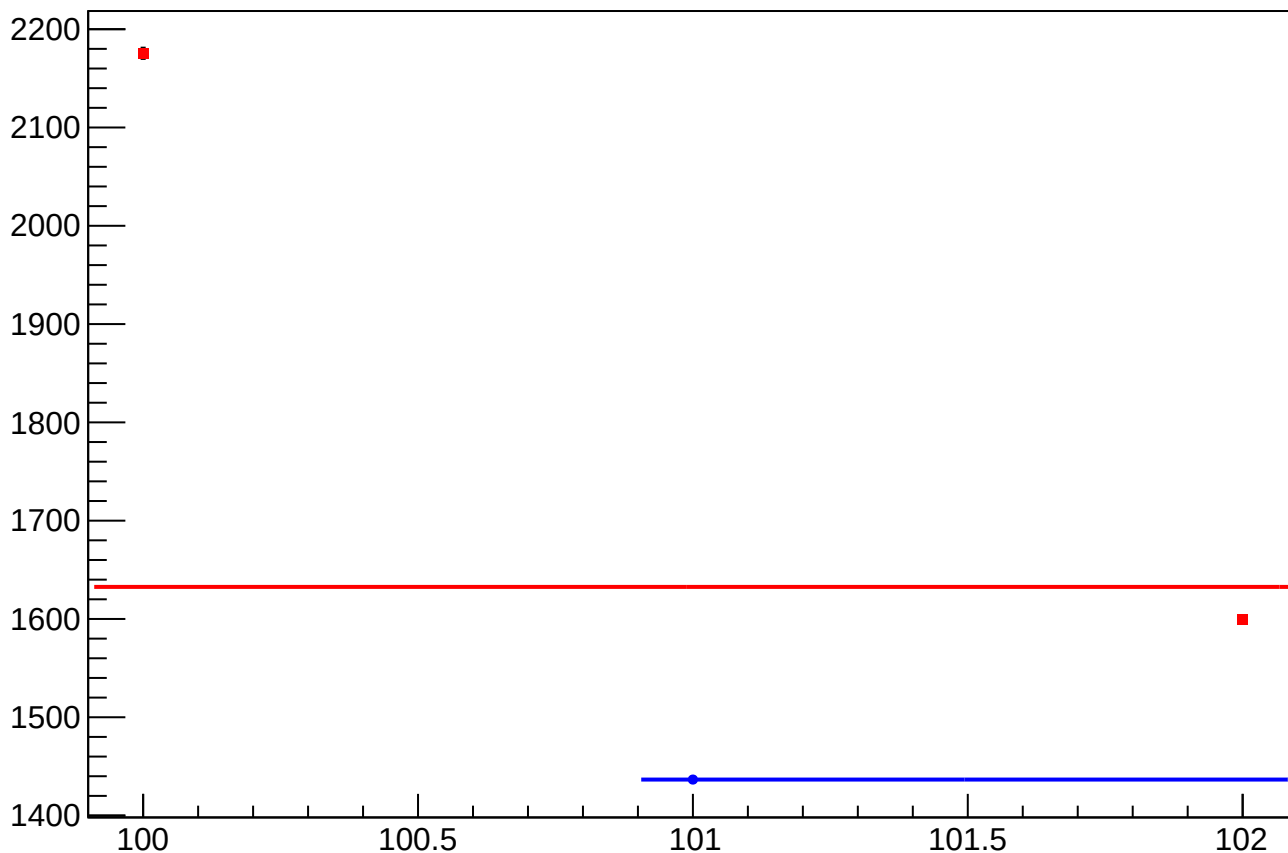
Right: -1344.501+/-1305.578 χ^2/NDF : 4.8/2

In: -2916.339+/-1773.947 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1344.501+/-1305.578 χ^2/NDF : 4.8/2

asym_sam_3726_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1436.609 $\pm$ 1.254 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1632.615 $\pm$ 1.364 χ^2 /NDF: 9567.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

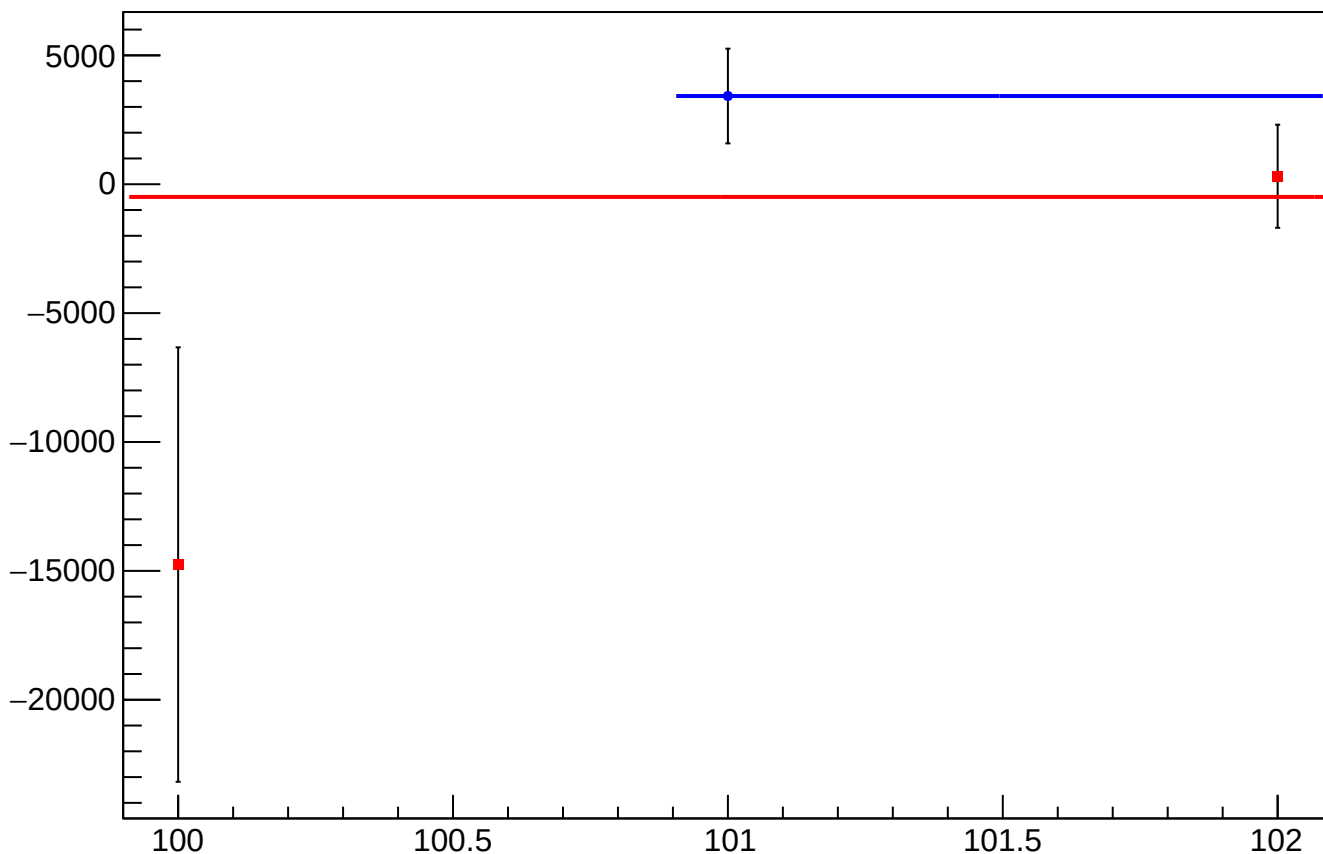
Right: 1526.447 $\pm$ 0.923 χ^2 /NDF: 20758.9/2

In: 1436.609 $\pm$ 1.254 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1526.447 $\pm$ 0.923 χ^2 /NDF: 20758.9/2

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 3422.053 $\pm$ 1837.173 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -493.318 $\pm$ 1945.332 χ^2 /NDF: 3.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

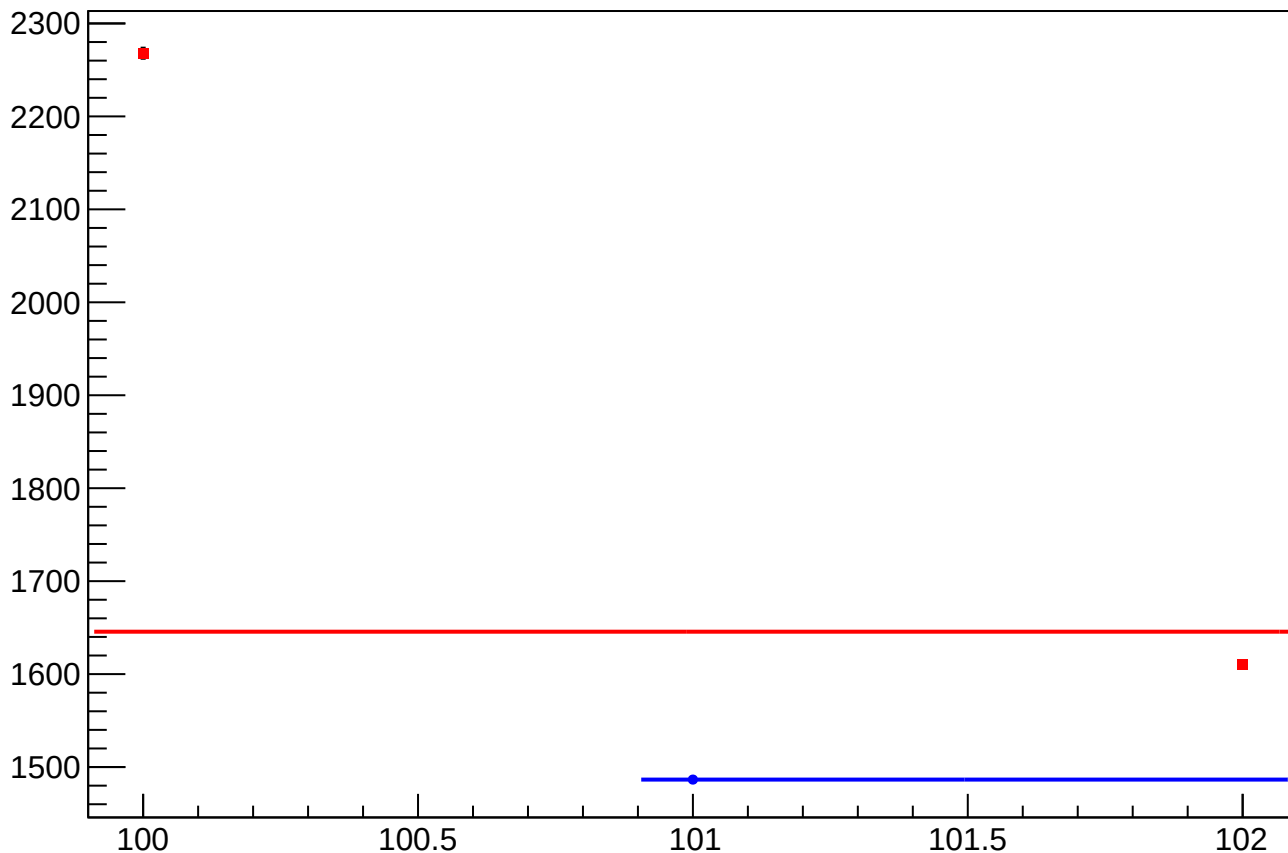
Right: 1576.234 $\pm$ 1335.678 χ^2 /NDF: 5.2/2

In: 3422.053 $\pm$ 1837.173 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1576.234 $\pm$ 1335.678 χ^2 /NDF: 5.2/2

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 1486.515+/-1.299 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1645.624+/-1.376 χ^2/NDF : 11521.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

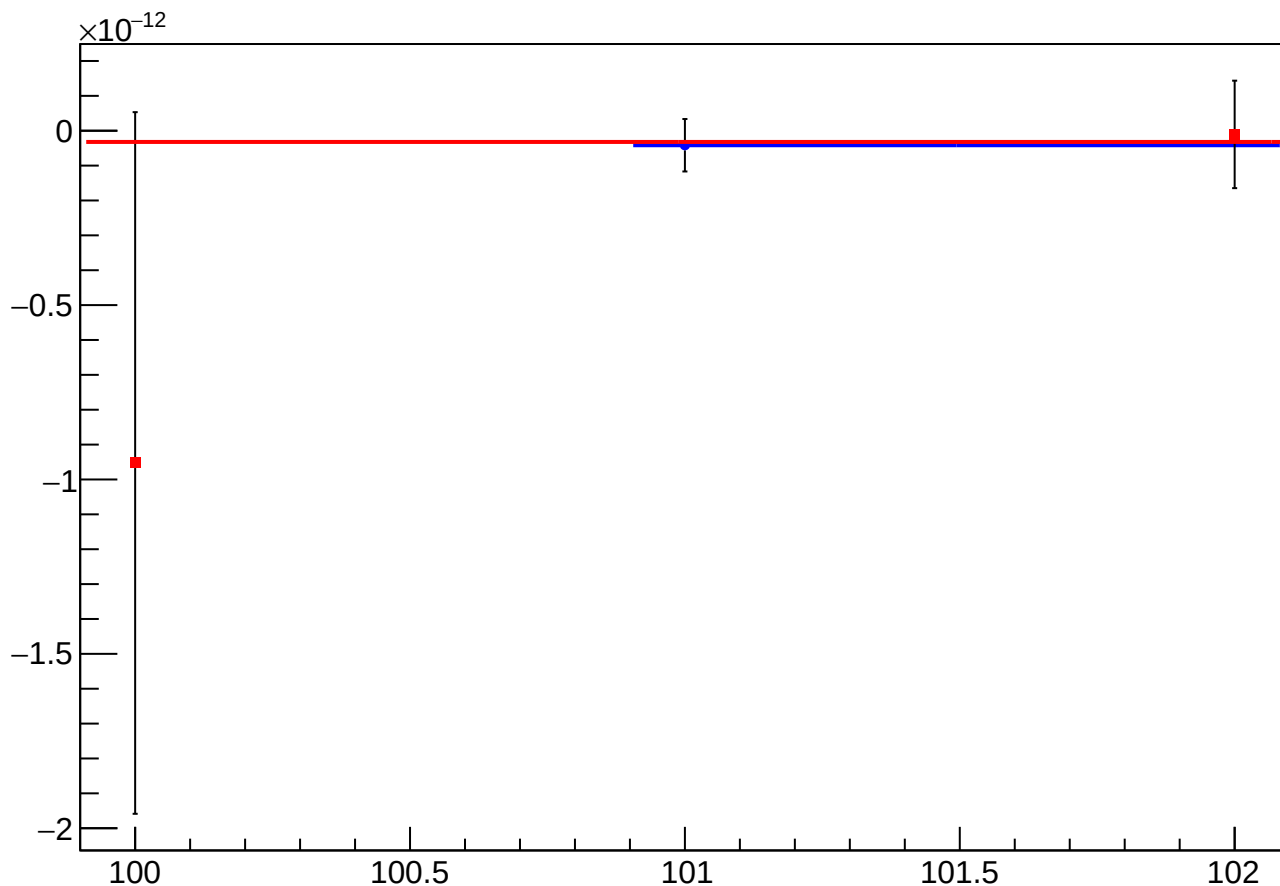
Right: 1561.524+/-0.944 χ^2/NDF : 18593.5/2

In: 1486.515+/-1.299 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1561.524+/-0.944 χ^2/NDF : 18593.5/2

asym_sam_3726_avg_reg_vs_cor_diff_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: 0.9/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

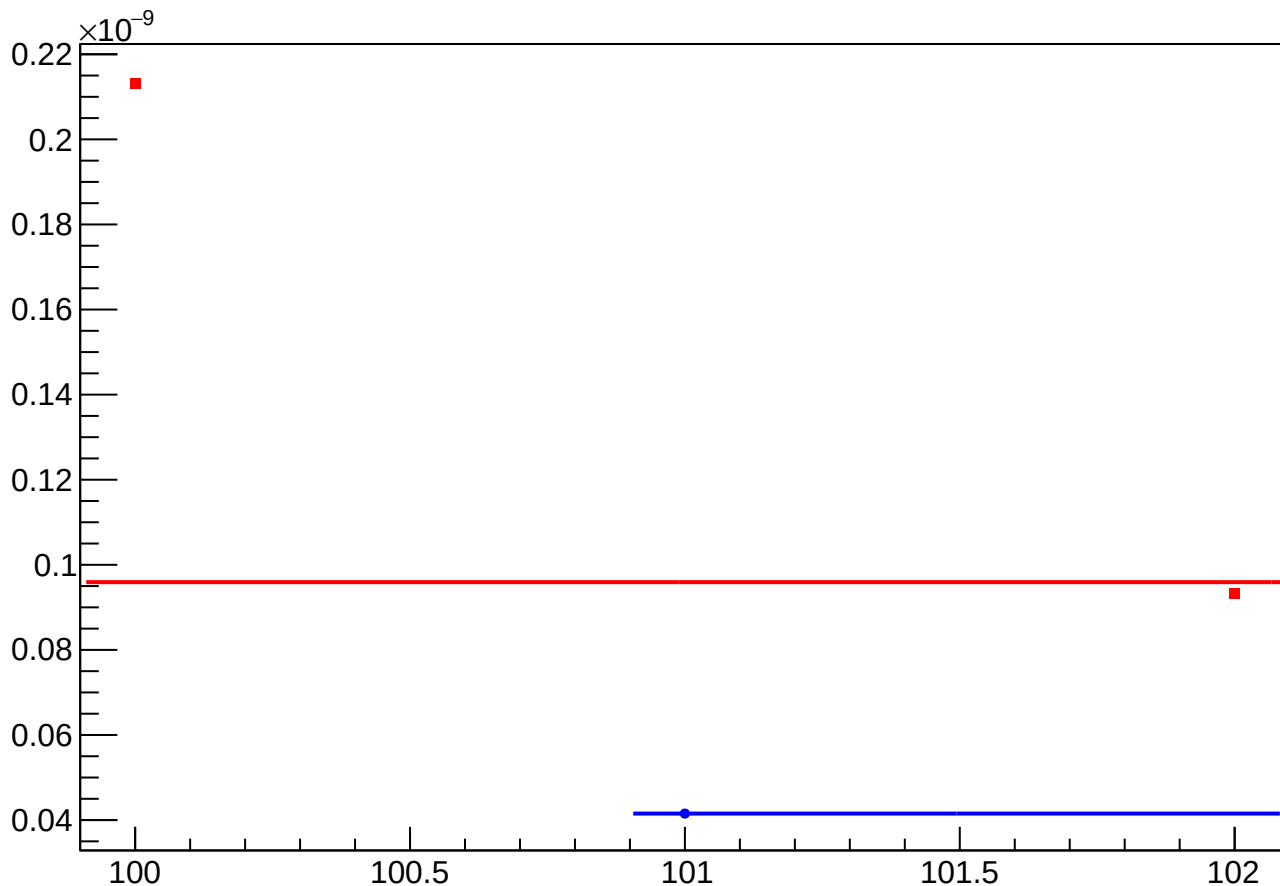
Right: -0.000+/-0.000 χ^2 /NDF: 0.9/2

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: 0.9/2

asym_sam_3726_avg_reg_vs_cor_diff_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 : 27765.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

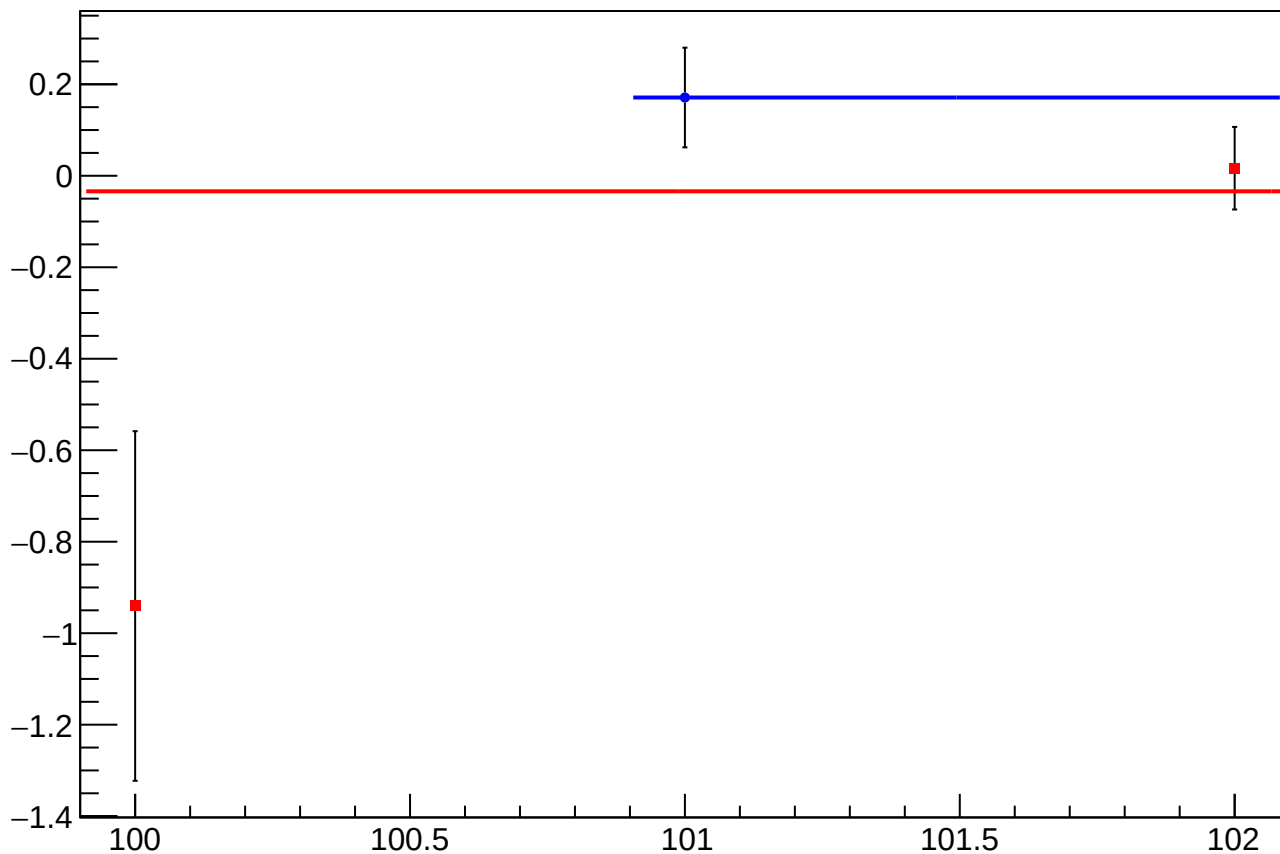
Right: 0.000+/-0.000 χ^2/NDF : 232879.1/2

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 : 232879.1/2

asym_sam_3726_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.171+/-0.109 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.034+/-0.088 χ^2/NDF : 5.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

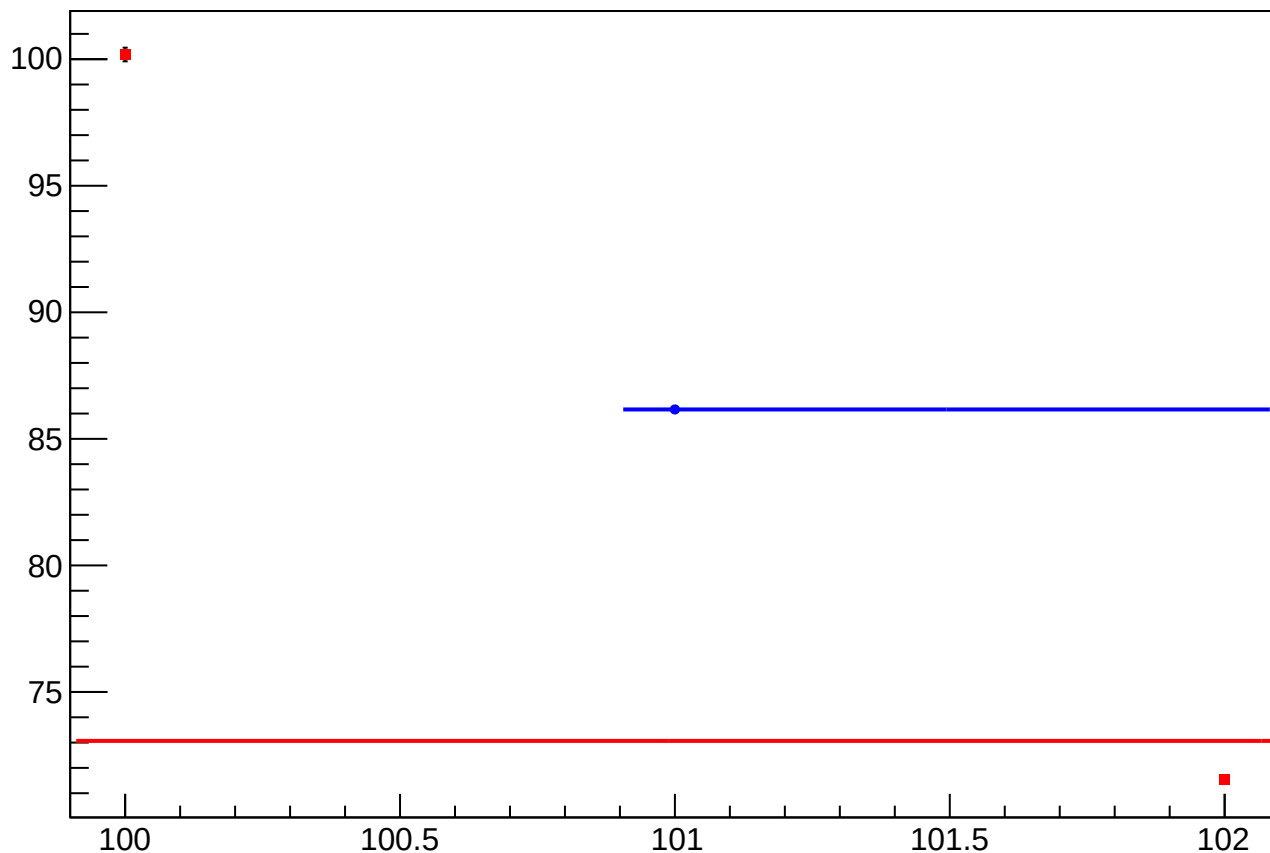
Right: 0.047+/-0.068 χ^2/NDF : 8.1/2

In: 0.171+/-0.109 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.047+/-0.068 χ^2/NDF : 8.1/2

asym_sam_3726_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 86.162 $\pm$ 0.077 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 73.067 $\pm$ 0.062 χ^2 /NDF: 10631.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

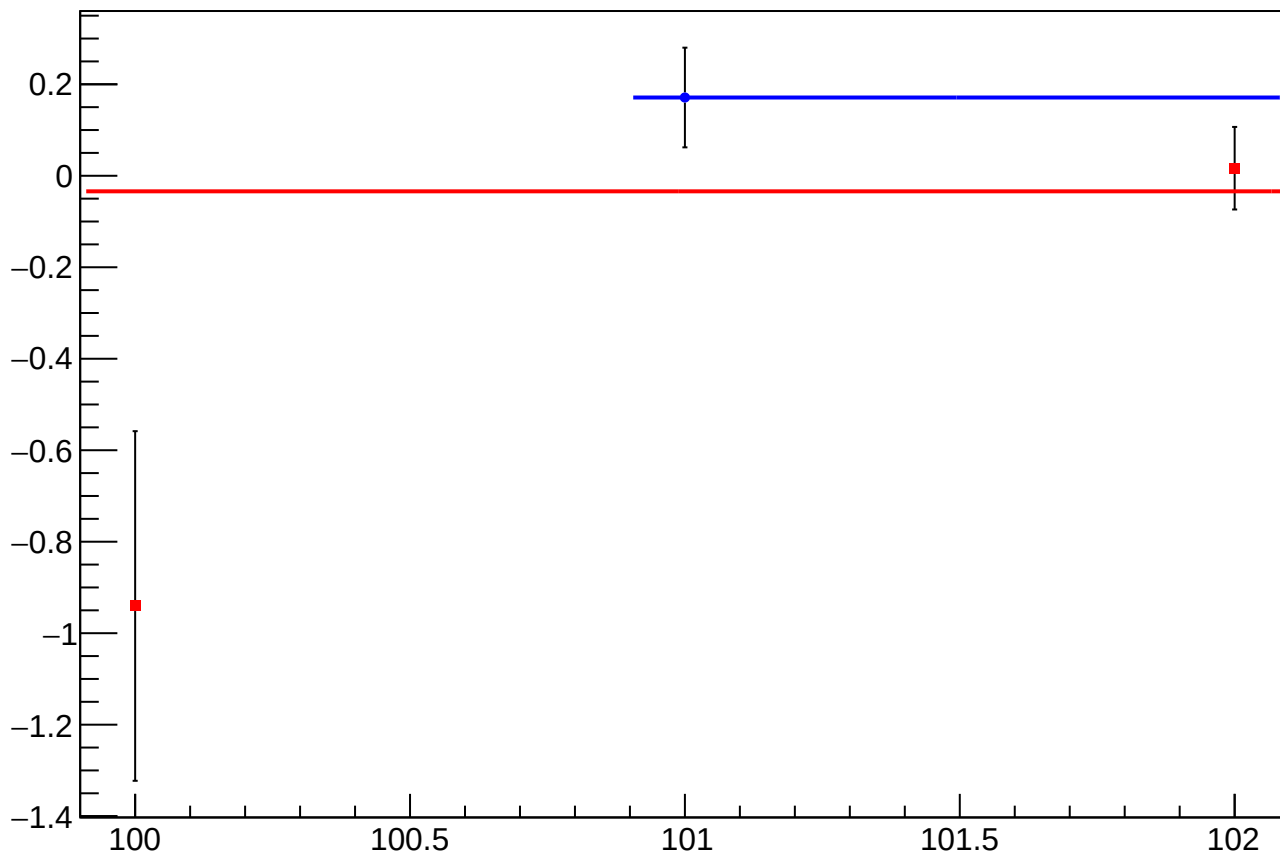
Right: 78.224 $\pm$ 0.048 χ^2 /NDF: 28143.0/2

In: 86.162 $\pm$ 0.077 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 78.224 $\pm$ 0.048 χ^2 /NDF: 28143.0/2

asym_sam_3726_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.171+/-0.109 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.034+/-0.088 χ^2/NDF : 5.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

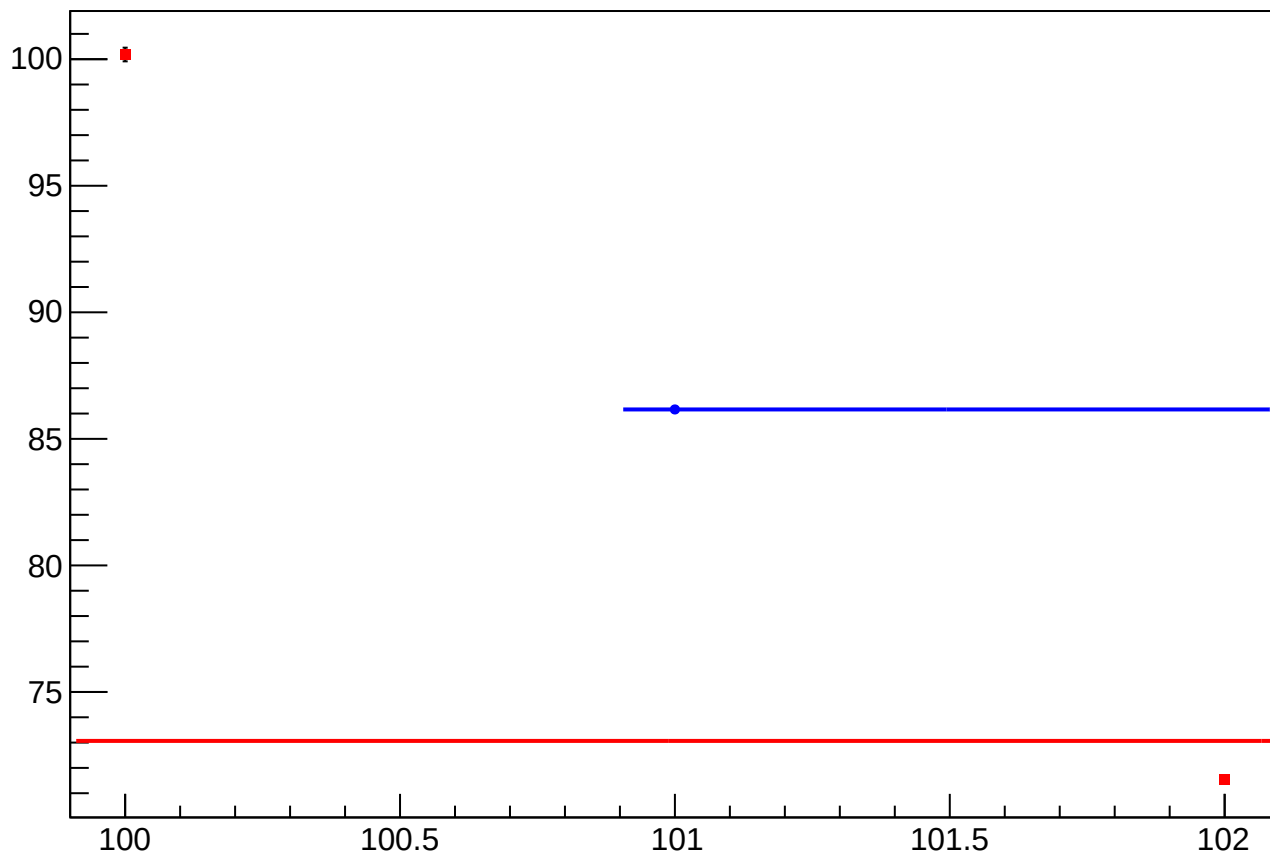
Right: 0.047+/-0.068 χ^2/NDF : 8.1/2

In: 0.171+/-0.109 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.047+/-0.068 χ^2/NDF : 8.1/2

asym_sam_3726_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 86.162 $\pm$ 0.077 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 73.067 $\pm$ 0.062 χ^2 /NDF: 10631.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

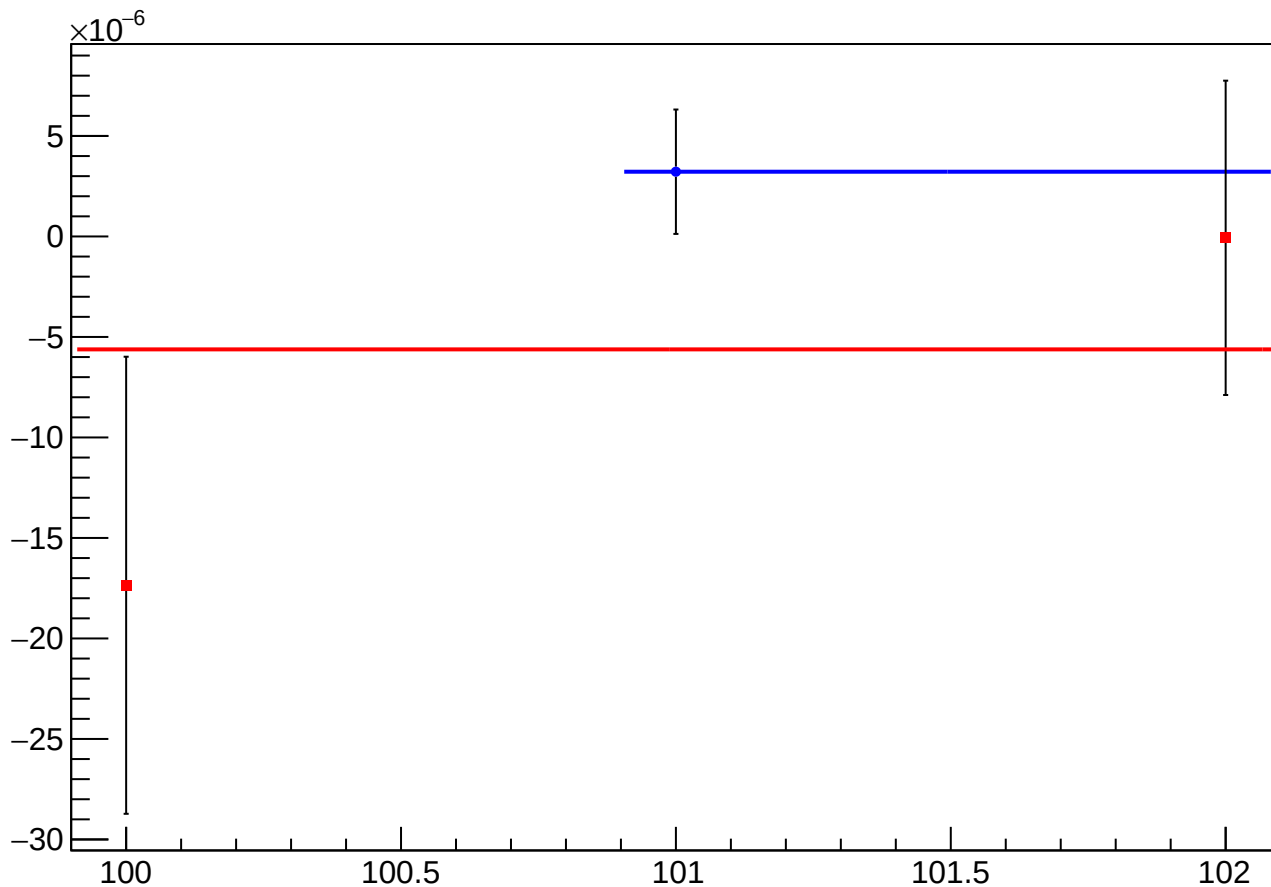
Right: 78.224 $\pm$ 0.048 χ^2 /NDF: 28143.0/2

In: 86.162 $\pm$ 0.077 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 78.224 $\pm$ 0.048 χ^2 /NDF: 28143.0/2

asym_sam_3726_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 1.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

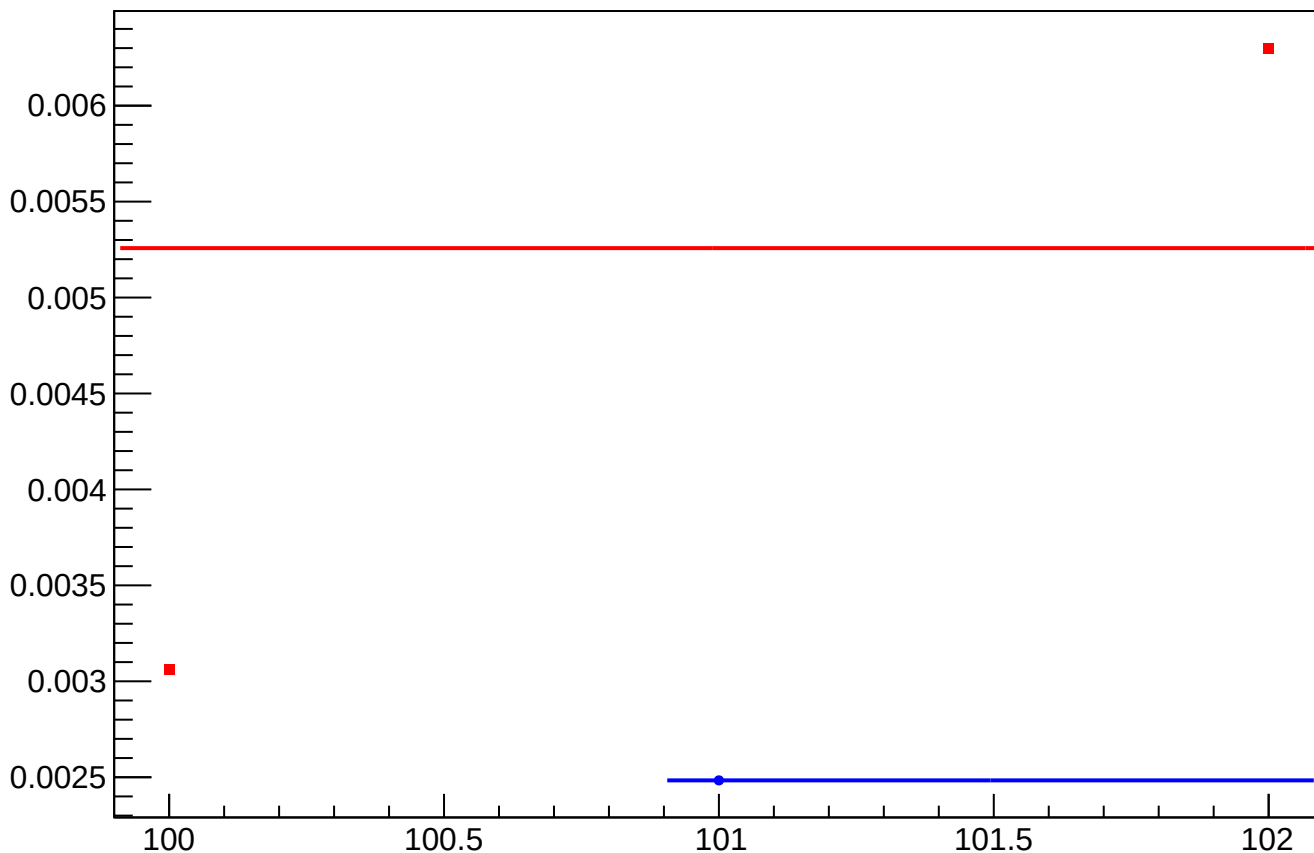
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.1/2

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.1/2

asym_sam_3726_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 110023.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

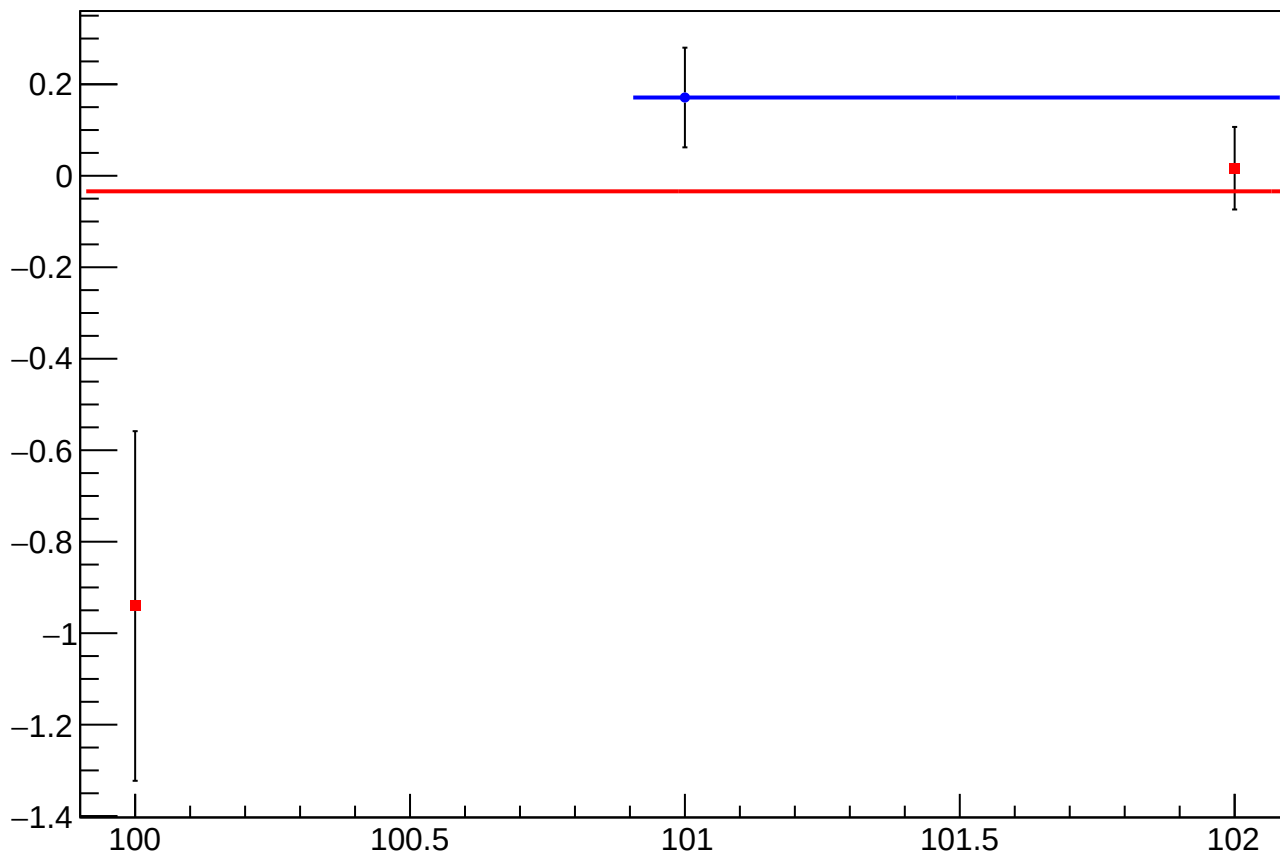
Right: 0.003+/-0.000 χ^2/NDF : 411303.0/2

In: 0.002+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 411303.0/2

asym_sam_3726_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.171+/-0.109 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.034+/-0.088 χ^2/NDF : 5.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

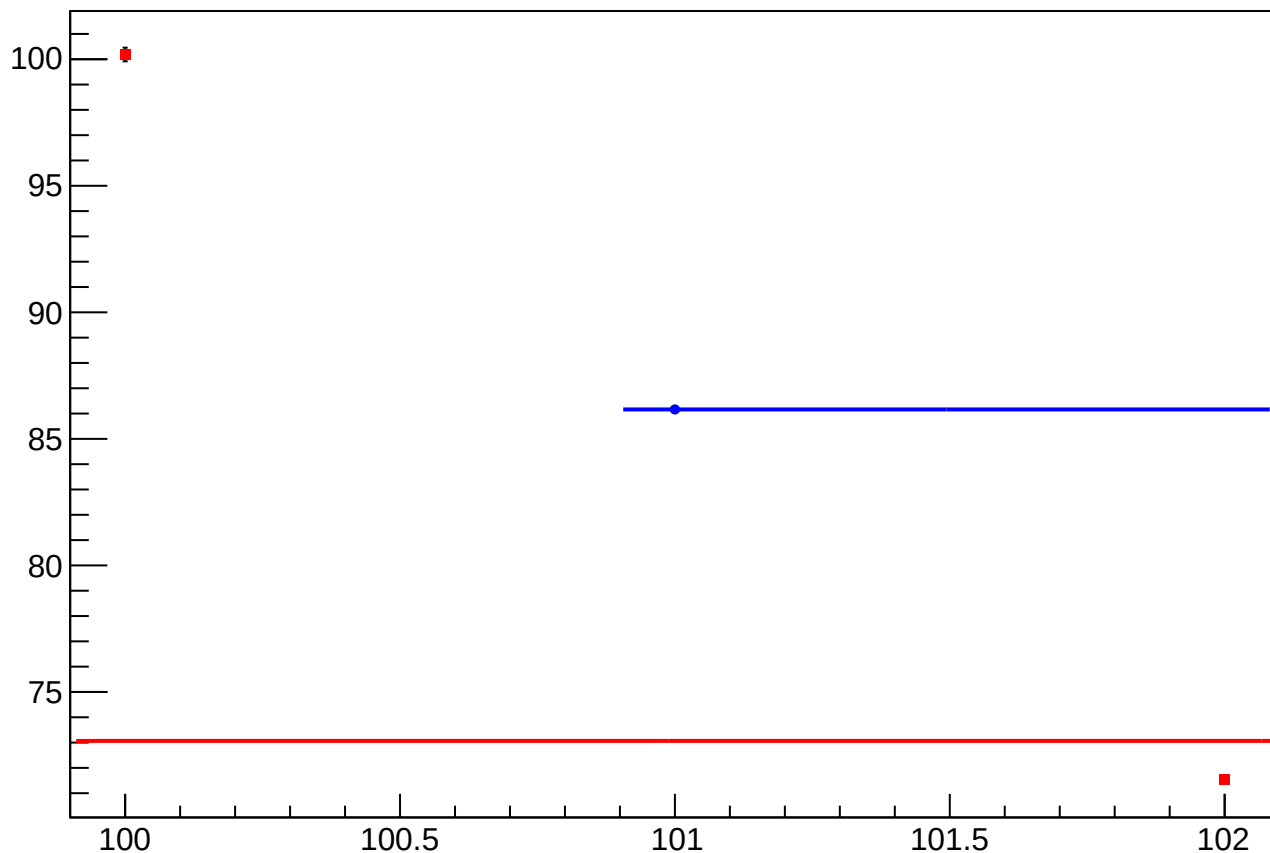
Right: 0.047+/-0.068 χ^2/NDF : 8.1/2

In: 0.171+/-0.109 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.047+/-0.068 χ^2/NDF : 8.1/2

asym_sam_3726_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 86.163 $\pm$ 0.077 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 73.066 $\pm$ 0.062 χ^2 /NDF: 10632.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

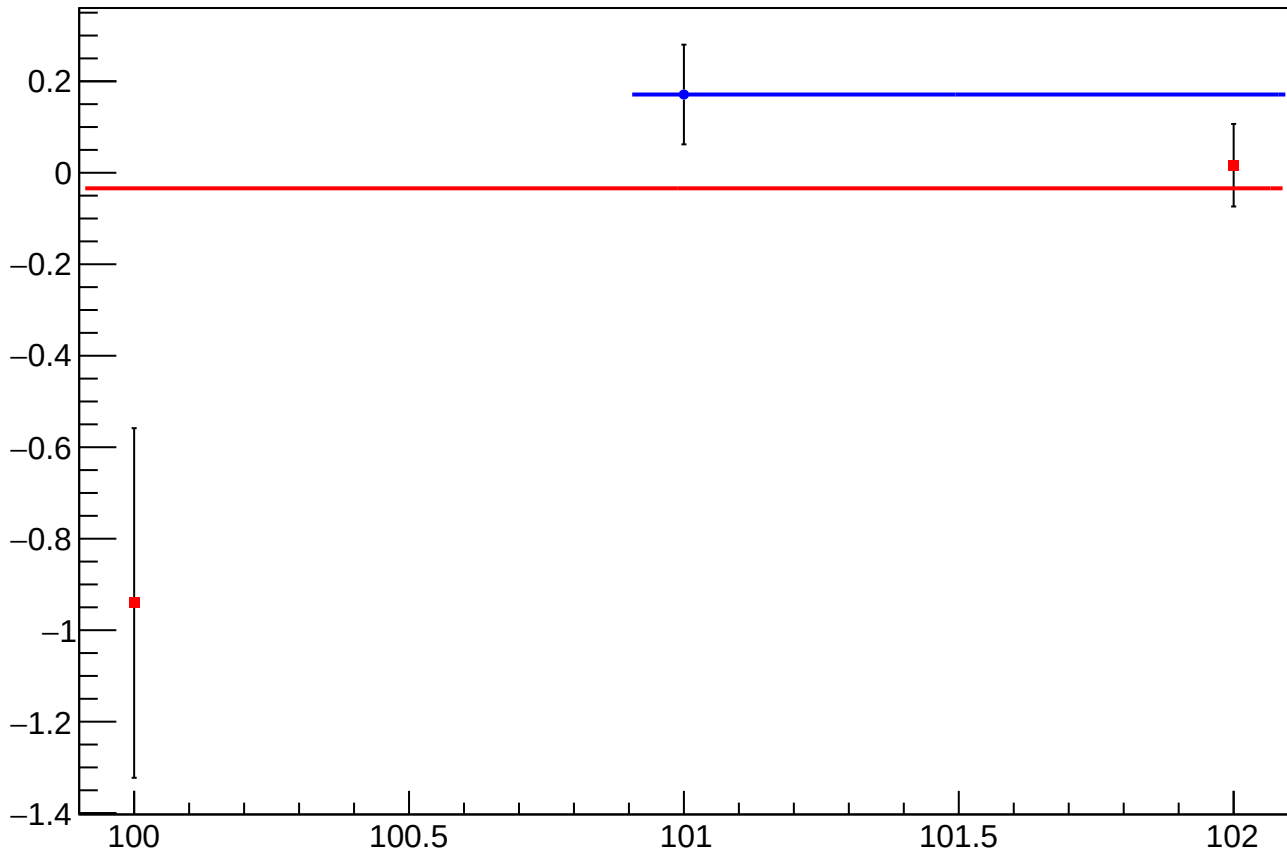
Right: 78.224 $\pm$ 0.048 χ^2 /NDF: 28148.3/2

In: 86.163 $\pm$ 0.077 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 78.224 $\pm$ 0.048 χ^2 /NDF: 28148.3/2

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.171+/-0.109 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.034+/-0.088 χ^2/NDF : 5.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

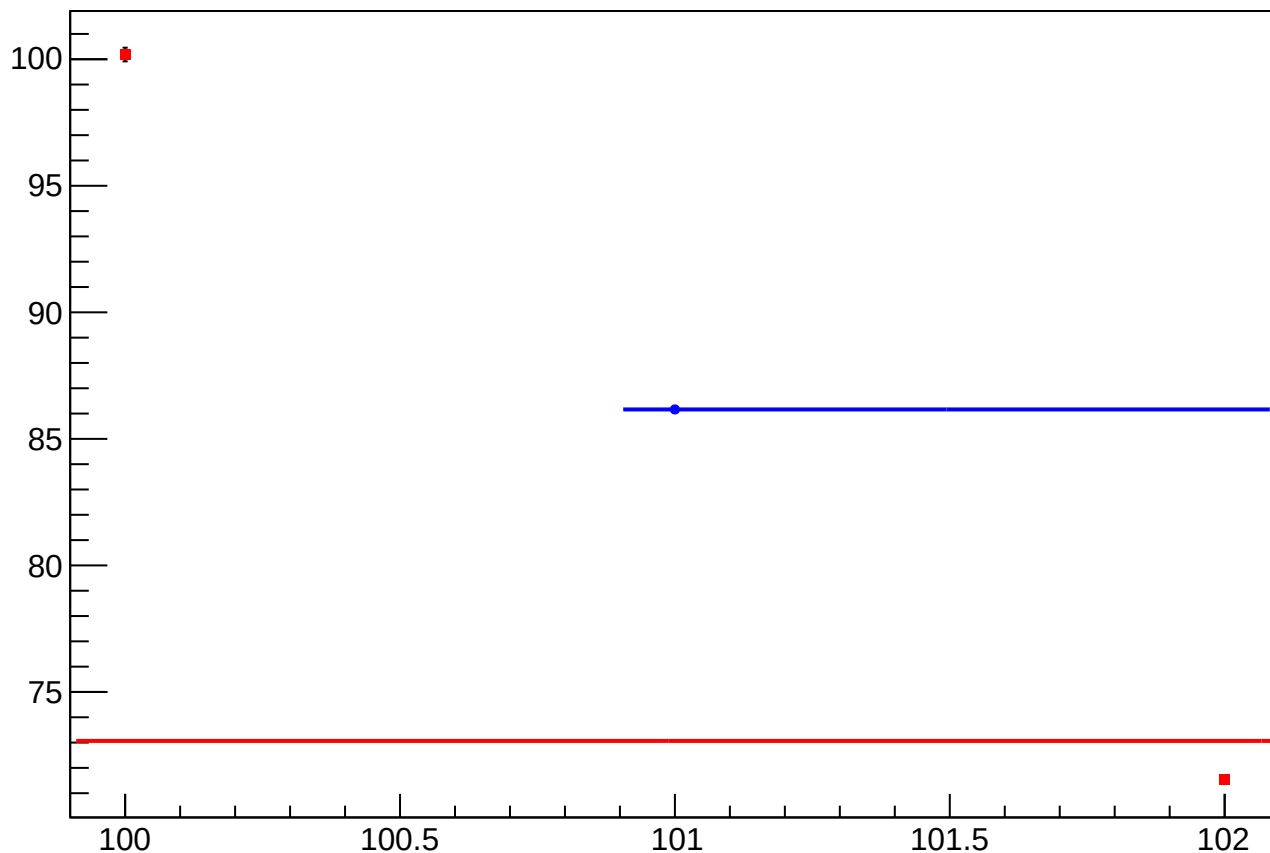
Right: 0.047+/-0.068 χ^2/NDF : 8.1/2

In: 0.171+/-0.109 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.047+/-0.068 χ^2/NDF : 8.1/2

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 86.163 $\pm$ 0.077 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 73.066 $\pm$ 0.062 χ^2 /NDF: 10632.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

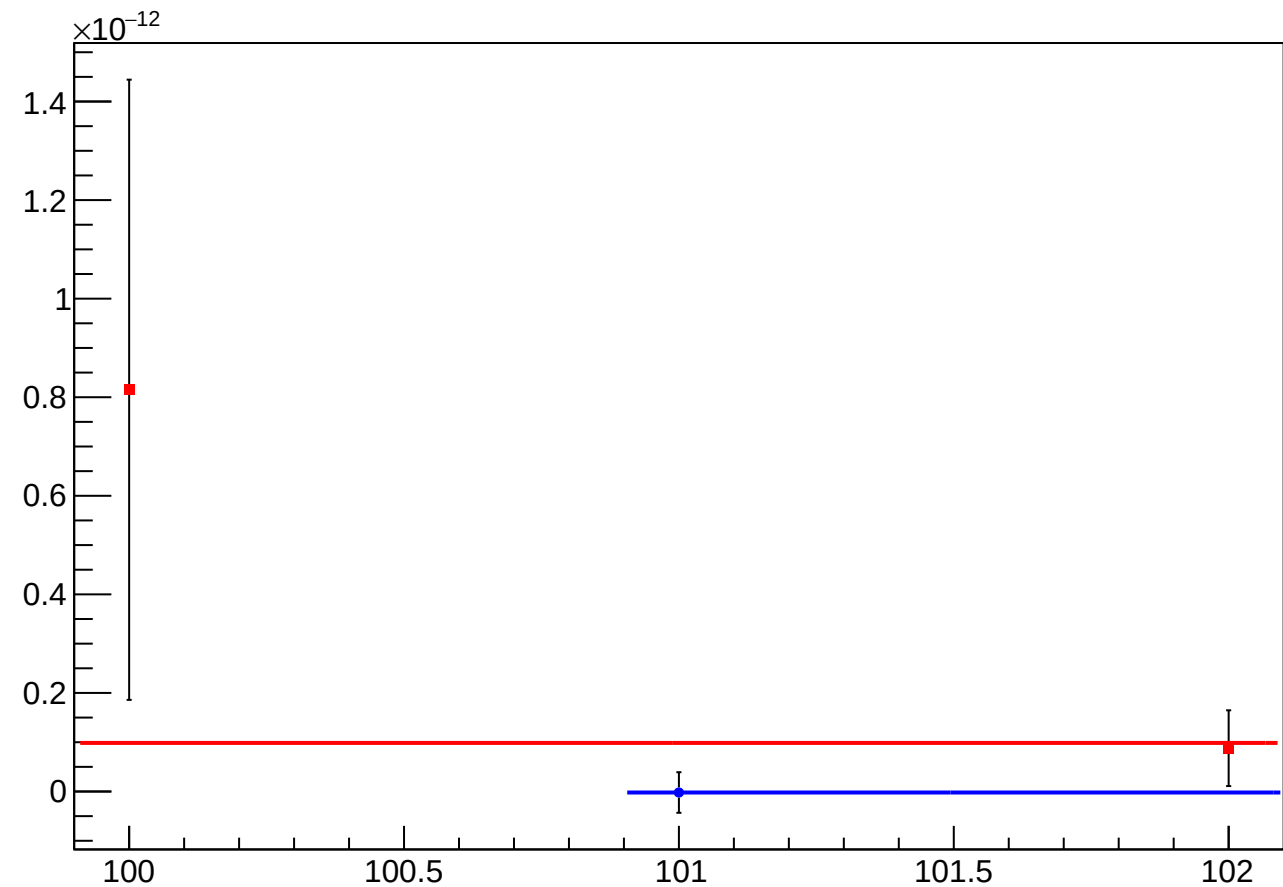
Right: 78.224 $\pm$ 0.048 χ^2 /NDF: 28148.3/2

In: 86.163 $\pm$ 0.077 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 78.224 $\pm$ 0.048 χ^2 /NDF: 28148.3/2

asym_sam_3726_avg_eigen_cor_vs_cor_diff_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 : 1.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

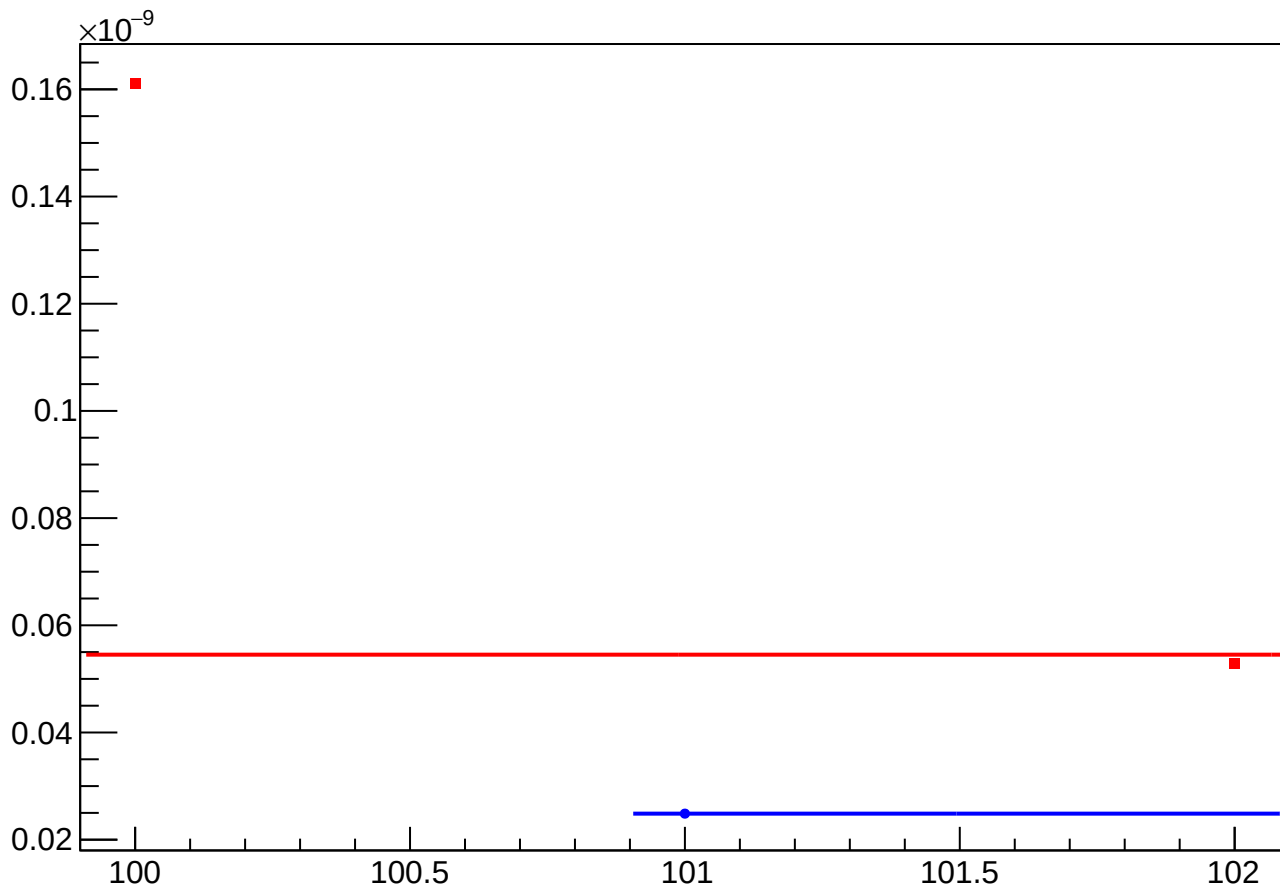
Right: 0.000+/-0.000 χ^2/NDF : 2.7/2

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 : 2.7/2

asym_sam_3726_avg_eigen_cor_vs_cor_diff_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 : 58318.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

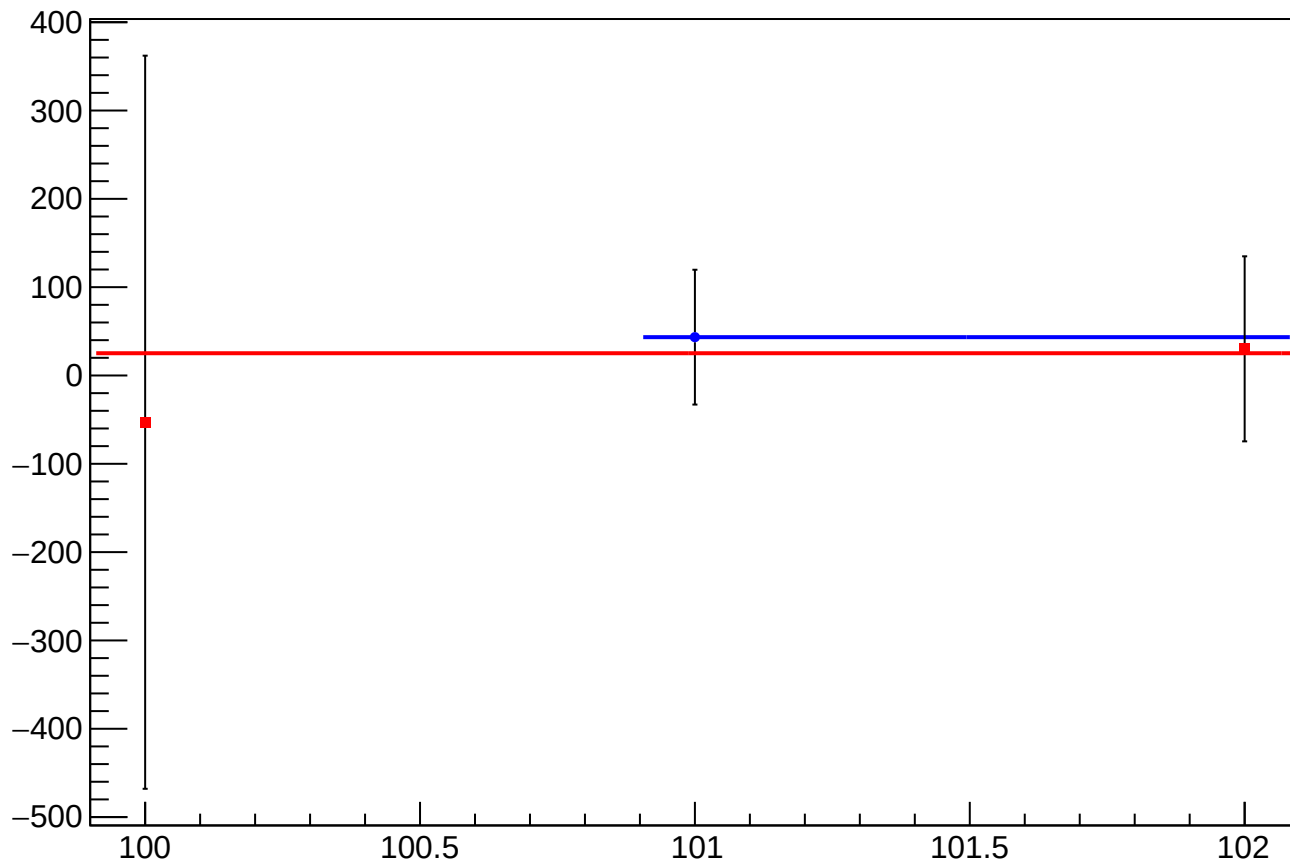
Right: 0.000+/-0.000 χ^2/NDF : 292480.1/2

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 : 292480.1/2

reg_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 43.398+/-76.324 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.199+/-101.572 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

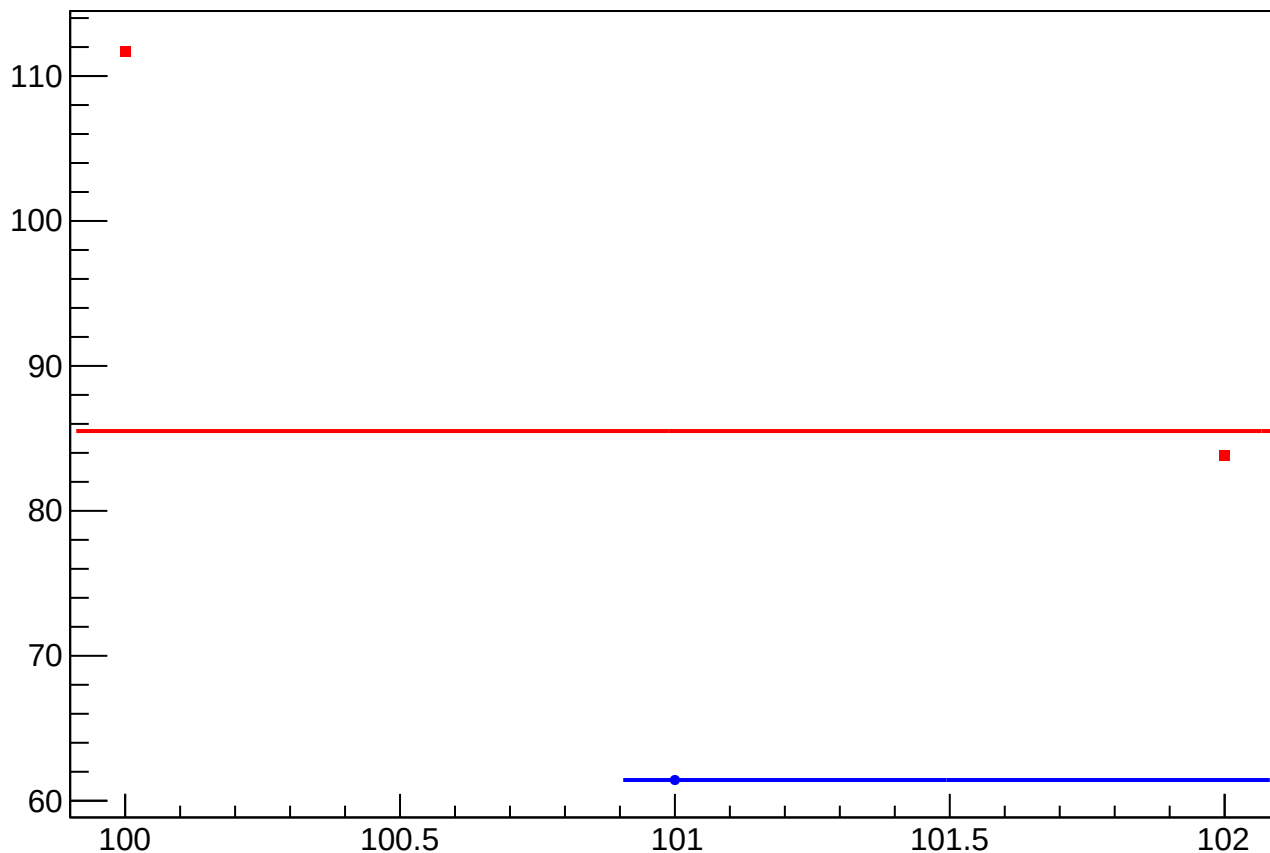
Right: 36.831+/-61.018 χ^2/NDF : 0.1/2

In: 43.398+/-76.324 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.831+/-61.018 χ^2/NDF : 0.1/2

reg_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 61.430+/-0.054 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.507+/-0.072 χ^2/NDF : 8449.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

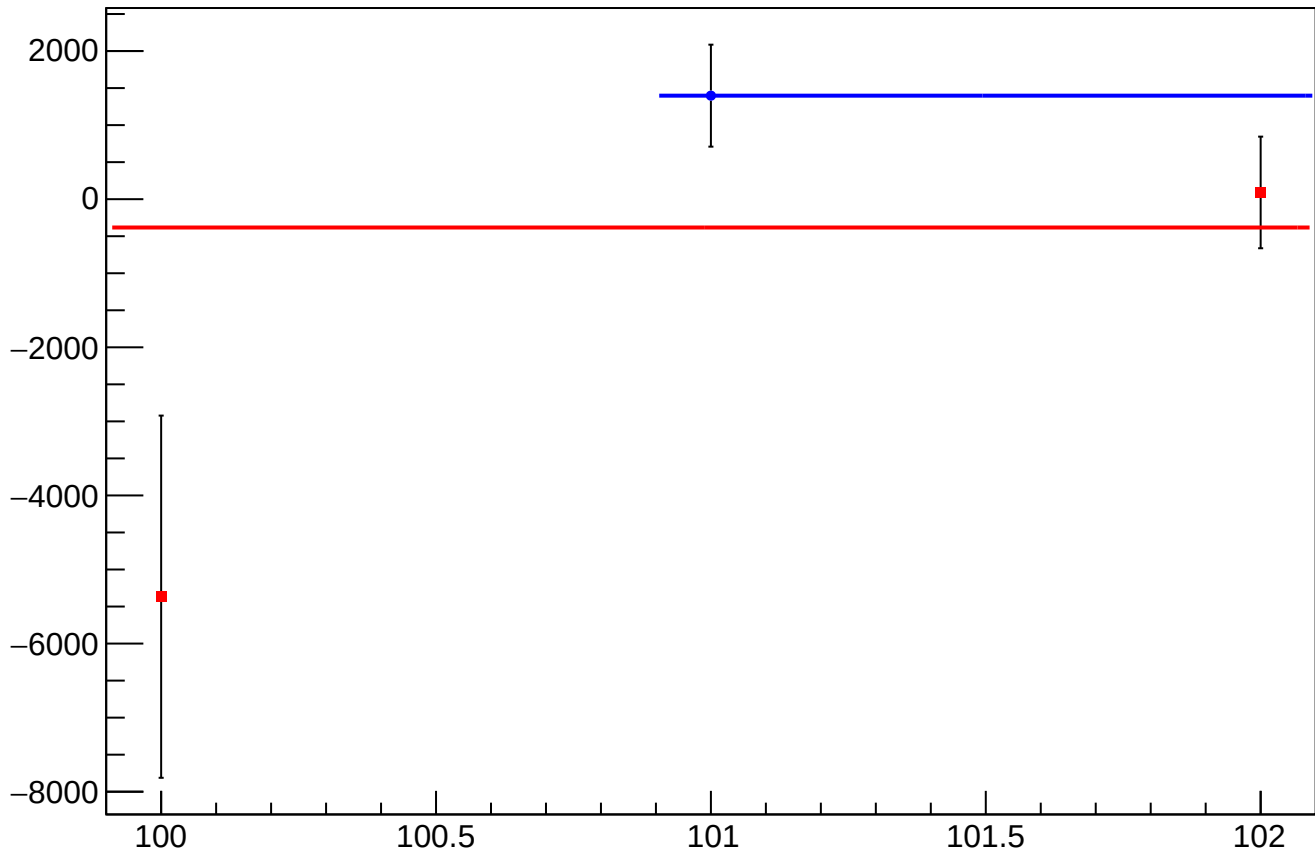
Right: 70.119+/-0.043 χ^2/NDF : 80272.7/2

In: 61.430+/-0.054 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.119+/-0.043 χ^2/NDF : 80272.7/2

asym_sam_15_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 1397.657 $\pm$ 688.465 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -382.457 $\pm$ 720.100 χ^2 /NDF: 4.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

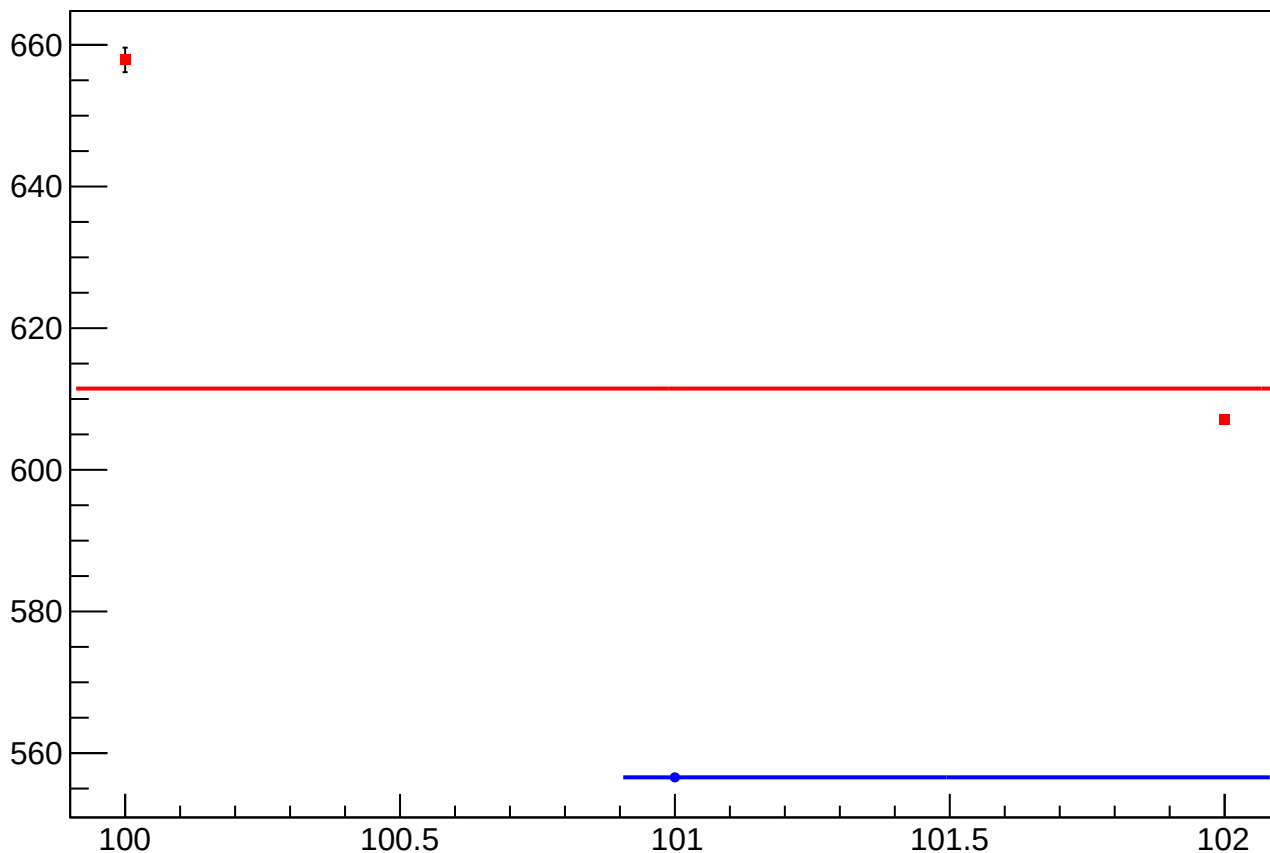
Right: 547.560 $\pm$ 497.626 χ^2 /NDF: 7.7/2

In: 1397.657 $\pm$ 688.465 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 547.560 $\pm$ 497.626 χ^2 /NDF: 7.7/2

asym_sam_15_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 556.581 $\pm$ 0.487 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 611.475 $\pm$ 0.509 χ^2 /NDF: 788.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

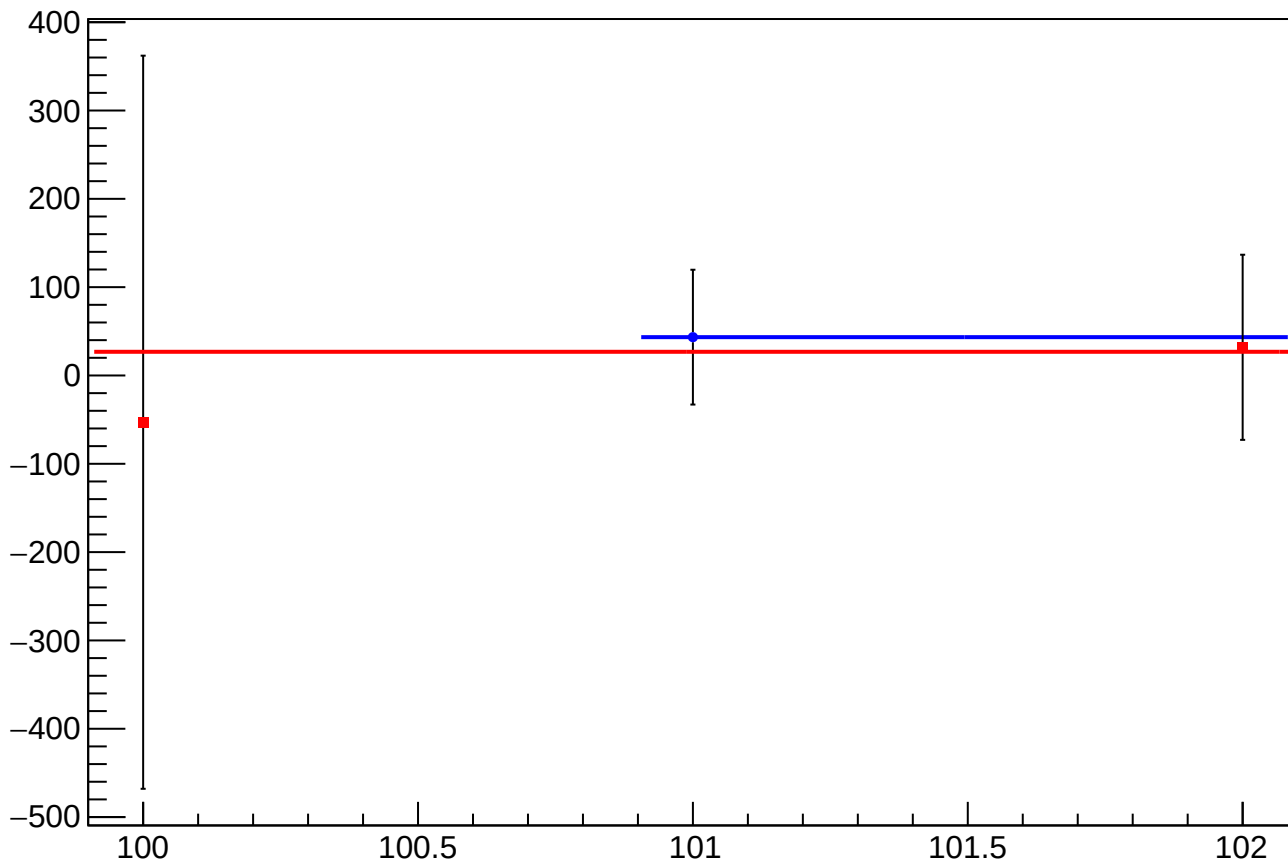
Right: 582.796 $\pm$ 0.352 χ^2 /NDF: 6860.7/2

In: 556.581 $\pm$ 0.487 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 582.796 $\pm$ 0.352 χ^2 /NDF: 6860.7/2

cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 43.396+/-76.324 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.822+/-101.616 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

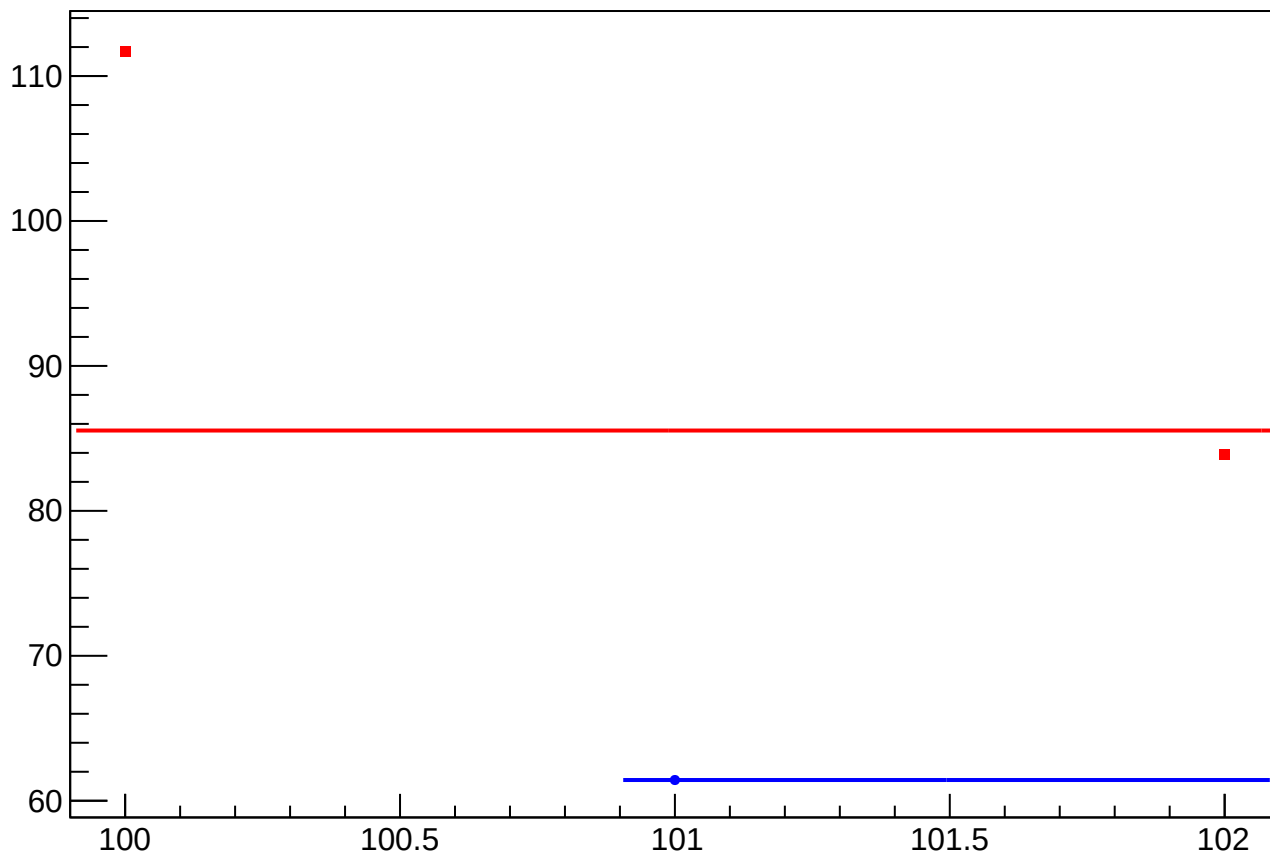
Right: 37.418+/-61.027 χ^2/NDF : 0.1/2

In: 43.396+/-76.324 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.418+/-61.027 χ^2/NDF : 0.1/2

cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 61.430 $\pm$ 0.054 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 85.543 $\pm$ 0.072 χ^2 /NDF: 8426.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

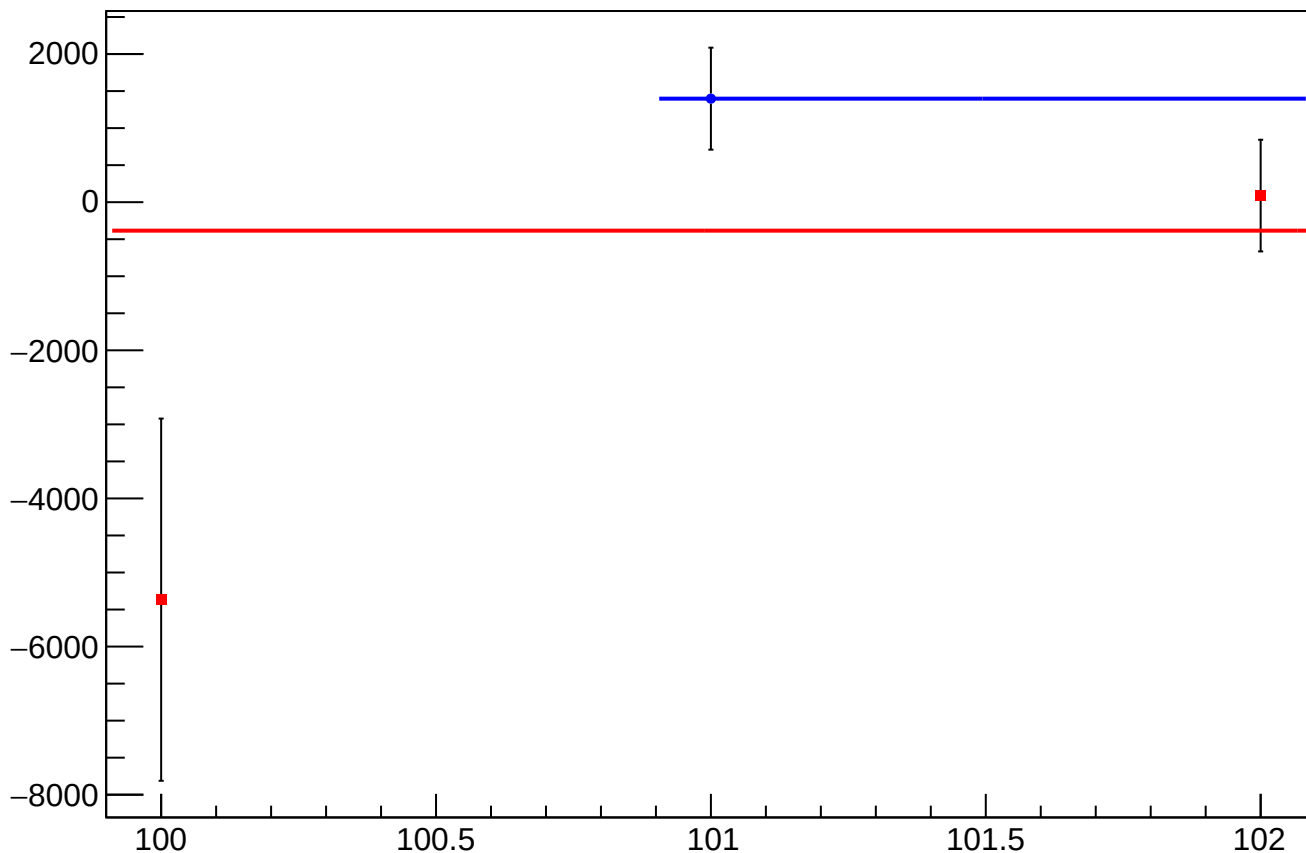
Right: 70.127 $\pm$ 0.043 χ^2 /NDF: 80423.4/2

In: 61.430 $\pm$ 0.054 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 70.127 $\pm$ 0.043 χ^2 /NDF: 80423.4/2

asym_sam_15_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1397.665 $\pm$ 688.464 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -384.446 $\pm$ 720.391 χ^2 /NDF: 4.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

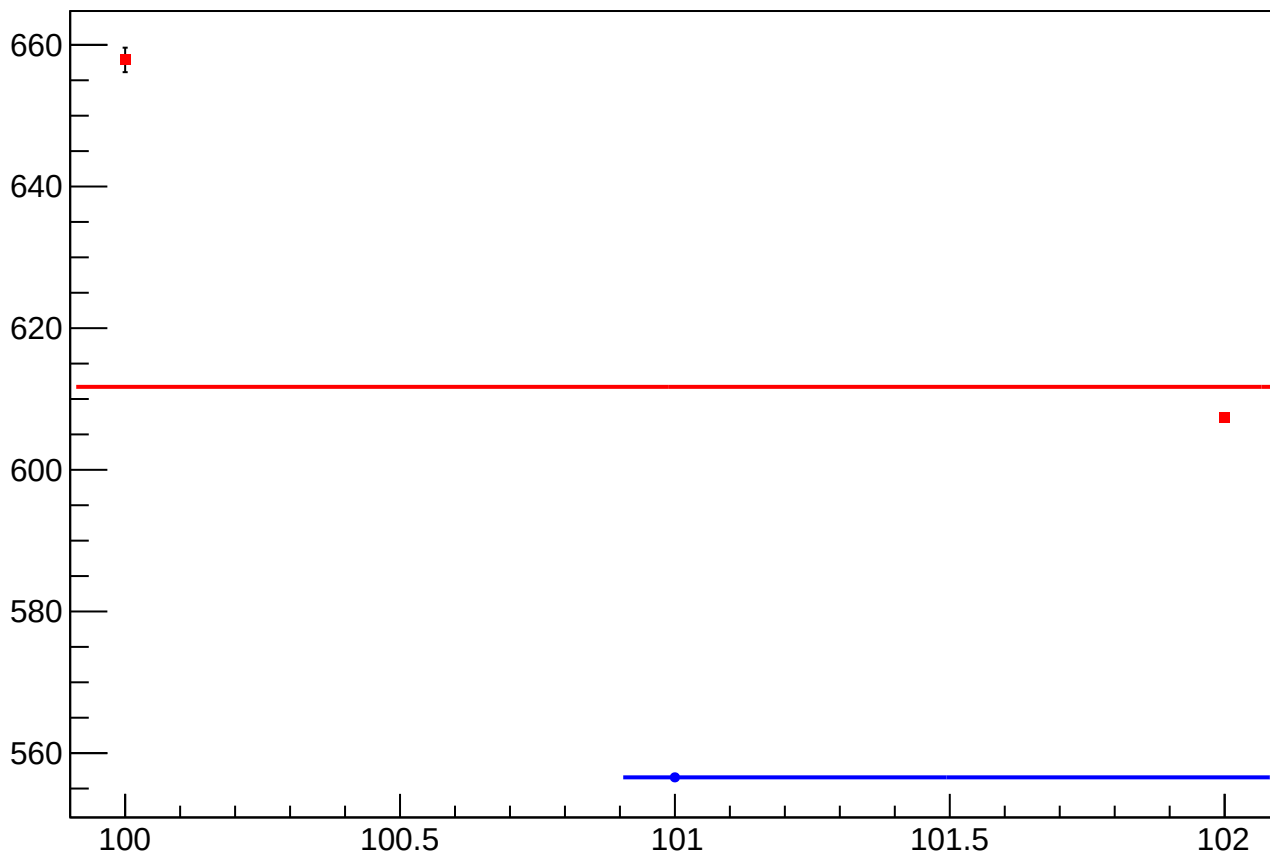
Right: 546.974 $\pm$ 497.722 χ^2 /NDF: 7.7/2

In: 1397.665 $\pm$ 688.464 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 546.974 $\pm$ 497.722 χ^2 /NDF: 7.7/2

asym_sam_15_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 556.580 $\pm$ 0.487 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 611.715 $\pm$ 0.509 χ^2 /NDF: 780.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

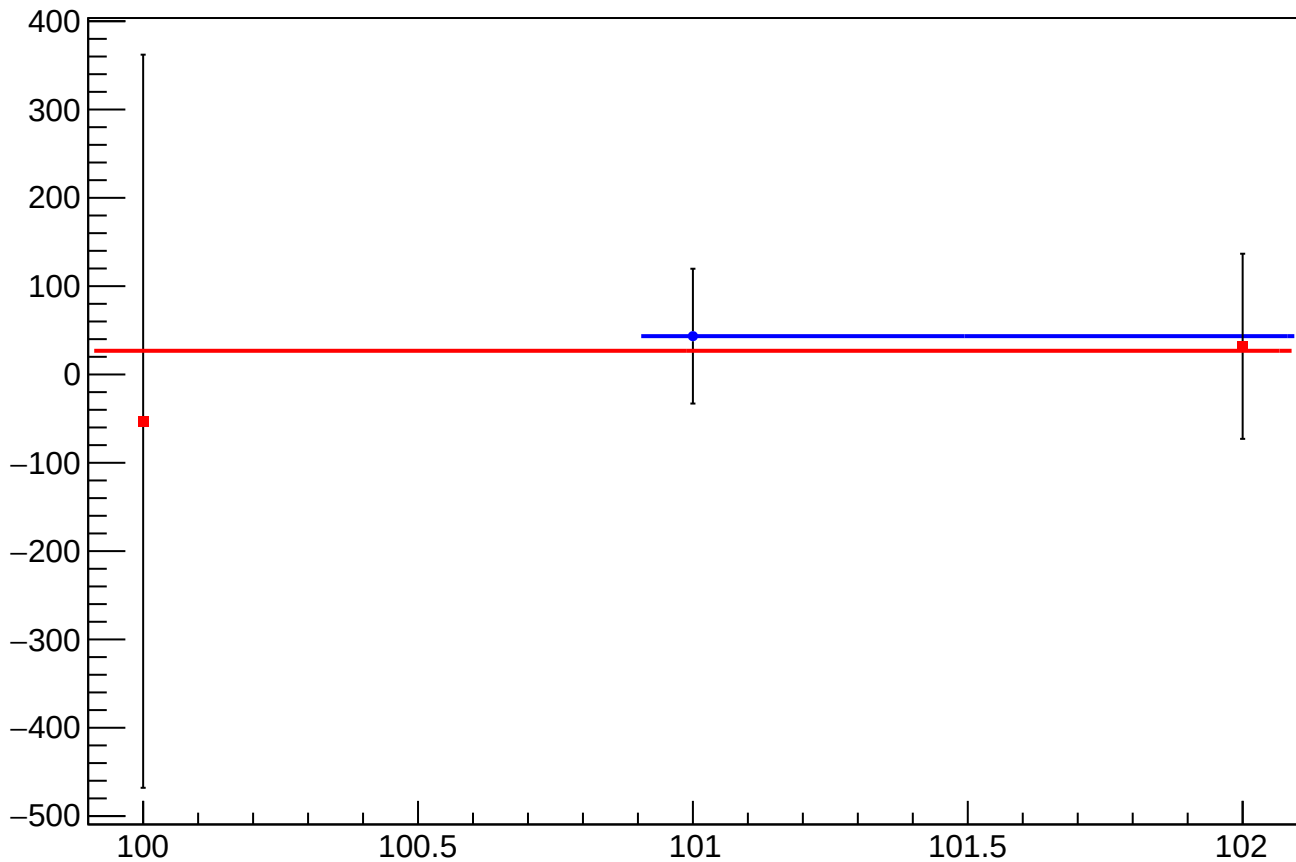
Right: 582.899 $\pm$ 0.352 χ^2 /NDF: 6903.3/2

In: 556.580 $\pm$ 0.487 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 582.899 $\pm$ 0.352 χ^2 /NDF: 6903.3/2

eigen_cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 43.396 $\pm$ 76.324 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 26.822 $\pm$ 101.616 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

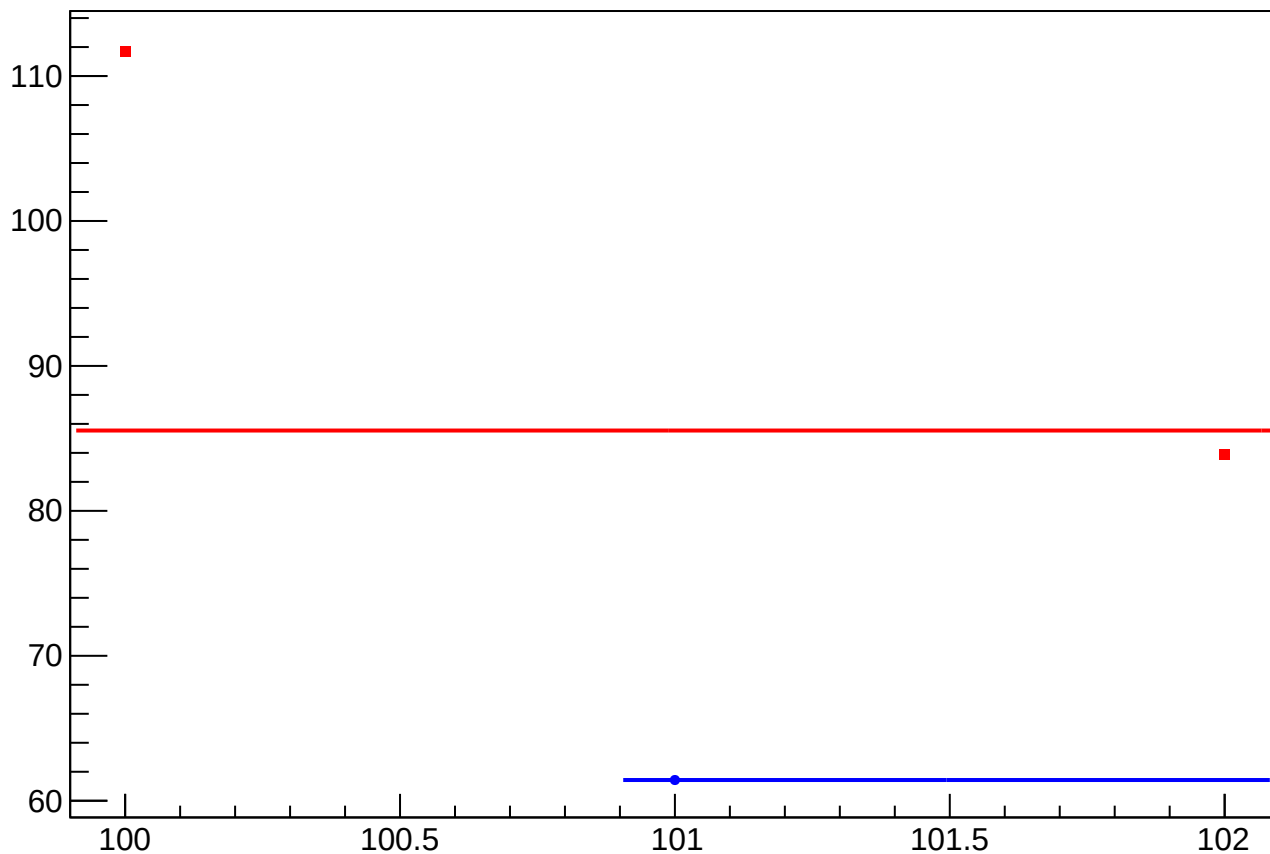
Right: 37.418 $\pm$ 61.027 χ^2 /NDF: 0.1/2

In: 43.396 $\pm$ 76.324 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 37.418 $\pm$ 61.027 χ^2 /NDF: 0.1/2

eigen_cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 61.430 $\pm$ 0.054 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 85.543 $\pm$ 0.072 χ^2 /NDF: 8426.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

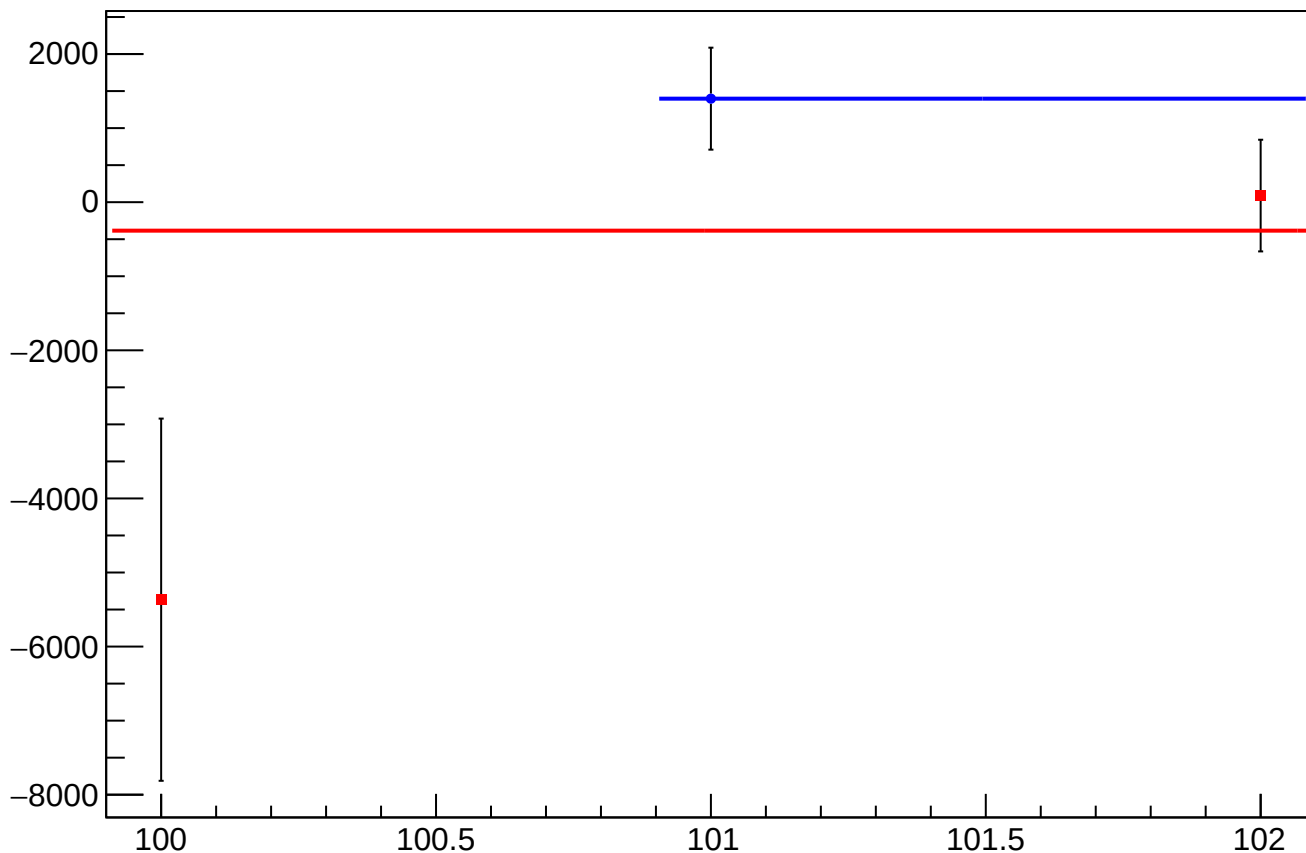
Right: 70.127 $\pm$ 0.043 χ^2 /NDF: 80423.4/2

In: 61.430 $\pm$ 0.054 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 70.127 $\pm$ 0.043 χ^2 /NDF: 80423.4/2

asym_sam_15_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1397.665 $\pm$ 688.464 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -384.446 $\pm$ 720.391 χ^2 /NDF: 4.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

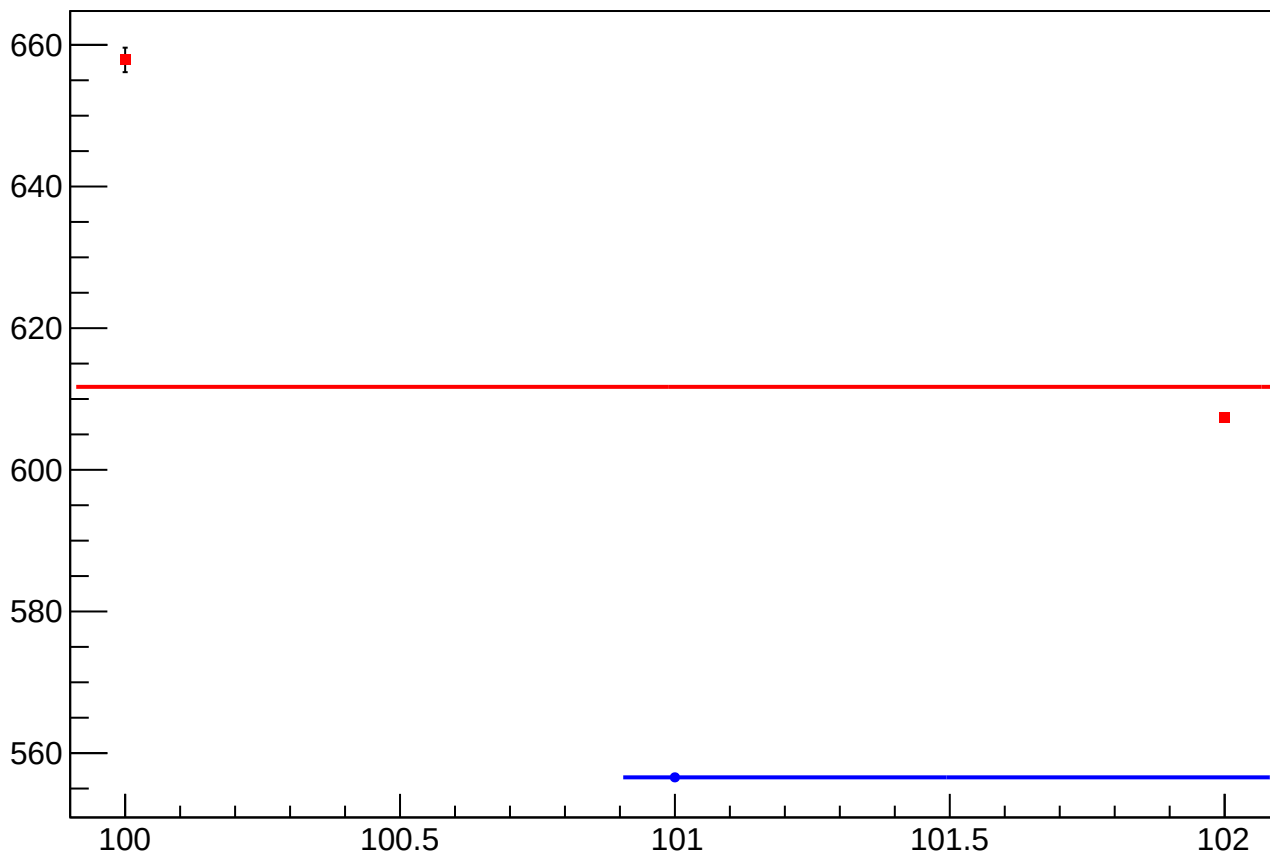
Right: 546.974 $\pm$ 497.722 χ^2 /NDF: 7.7/2

In: 1397.665 $\pm$ 688.464 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 546.974 $\pm$ 497.722 χ^2 /NDF: 7.7/2

asym_sam_15_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 556.580+/-0.487 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 611.715+/-0.509 χ^2/NDF : 780.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

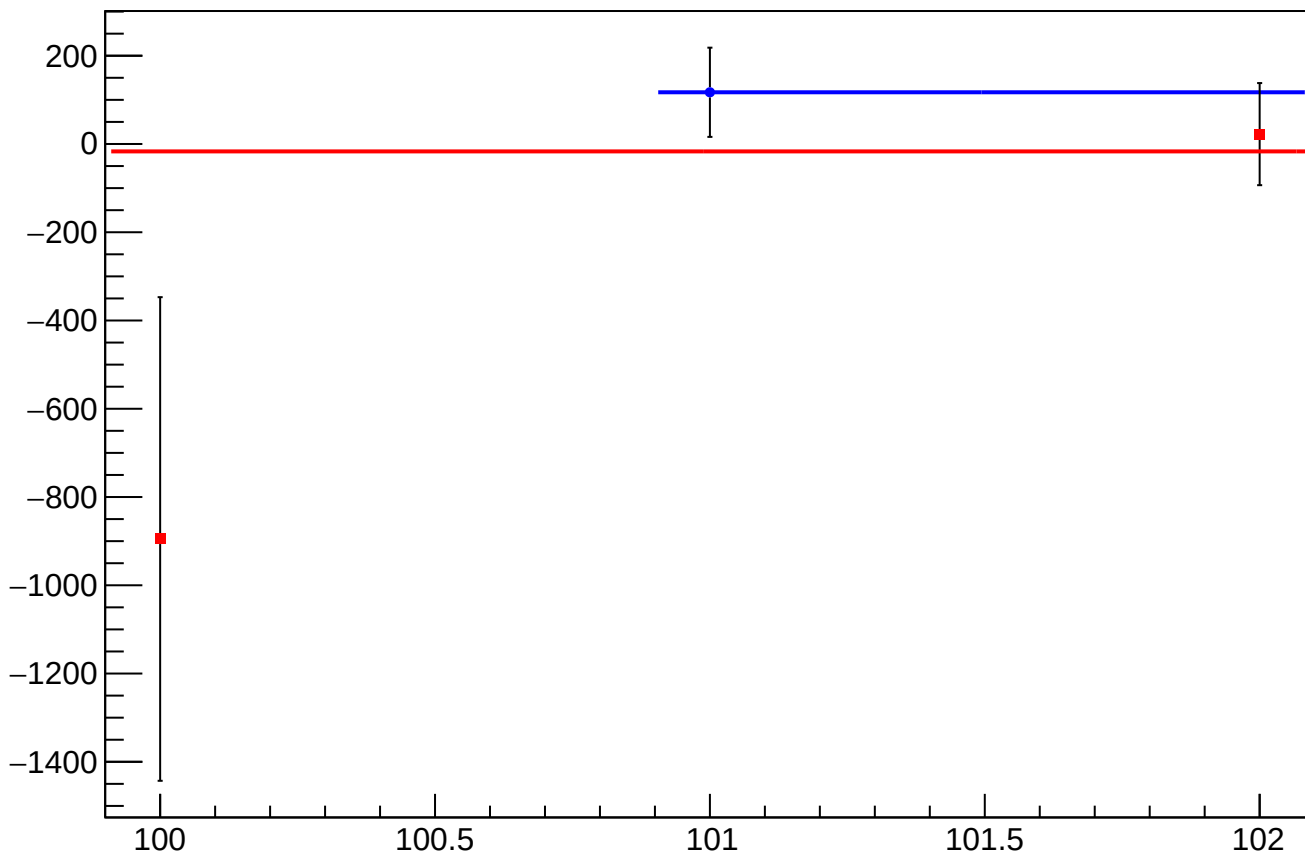
Right: 582.899+/-0.352 χ^2/NDF : 6903.3/2

In: 556.580+/-0.487 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 582.899+/-0.352 χ^2/NDF : 6903.3/2

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 117.165+/-101.087 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -16.799+/-113.202 χ^2 /NDF: 2.7/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

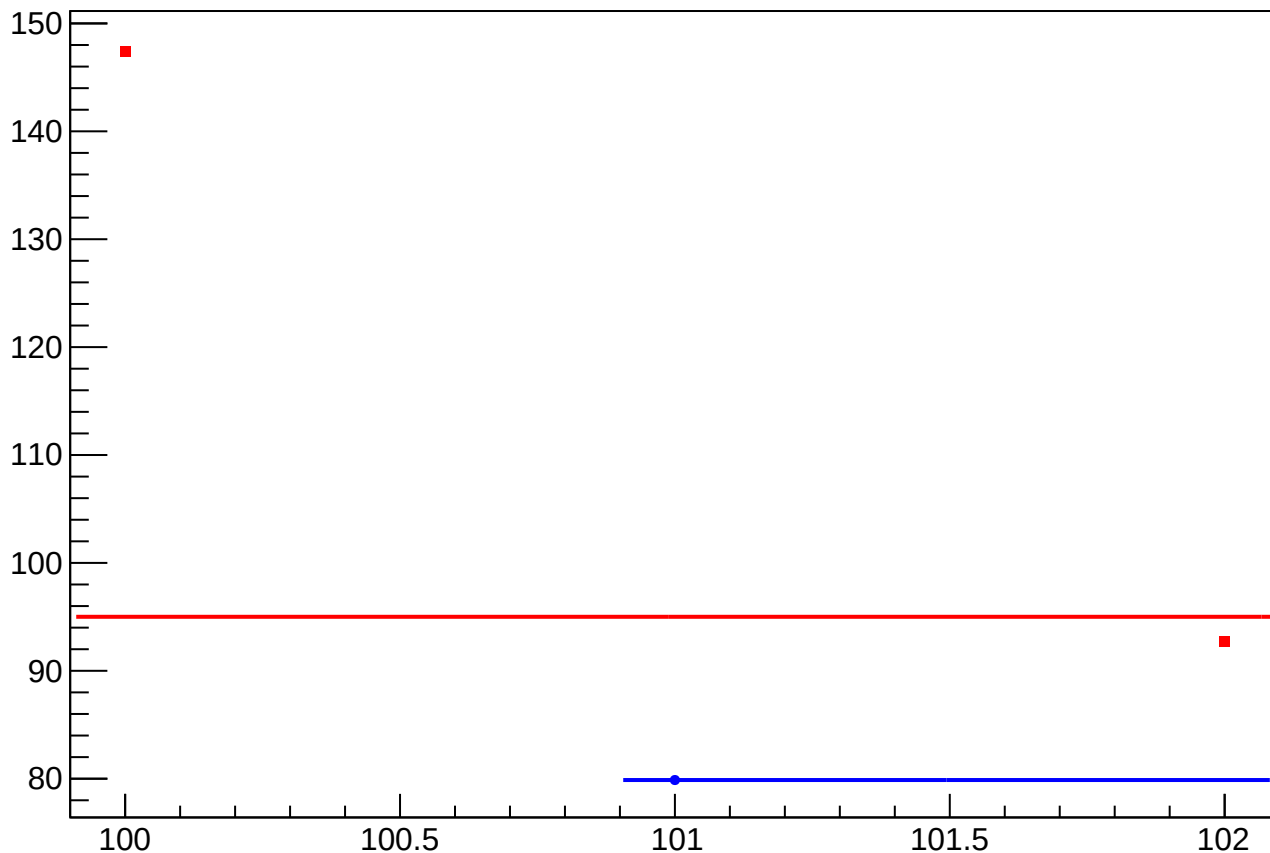
Right: 57.733+/-75.400 χ^2 /NDF: 3.5/2

In: 117.165+/-101.087 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 57.733+/-75.400 χ^2 /NDF: 3.5/2

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 79.877 $\pm$ 0.071 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 95.006 $\pm$ 0.080 χ^2 /NDF: 19073.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

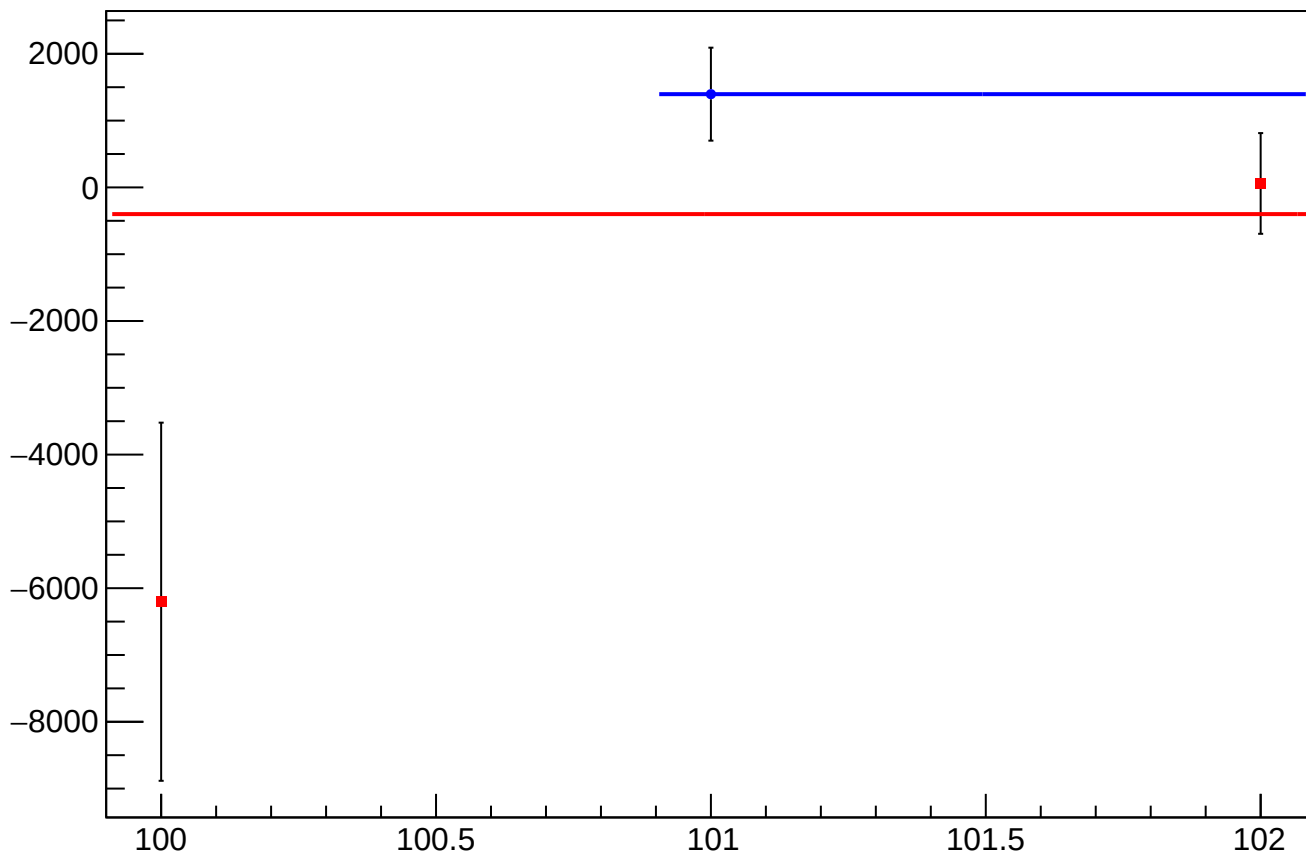
Right: 86.589 $\pm$ 0.053 χ^2 /NDF: 38948.2/2

In: 79.877 $\pm$ 0.071 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 86.589 $\pm$ 0.053 χ^2 /NDF: 38948.2/2

asym_sam_15_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1395.954 $\pm$ 695.977 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -399.581 $\pm$ 725.716 χ^2/NDF : 5.1/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

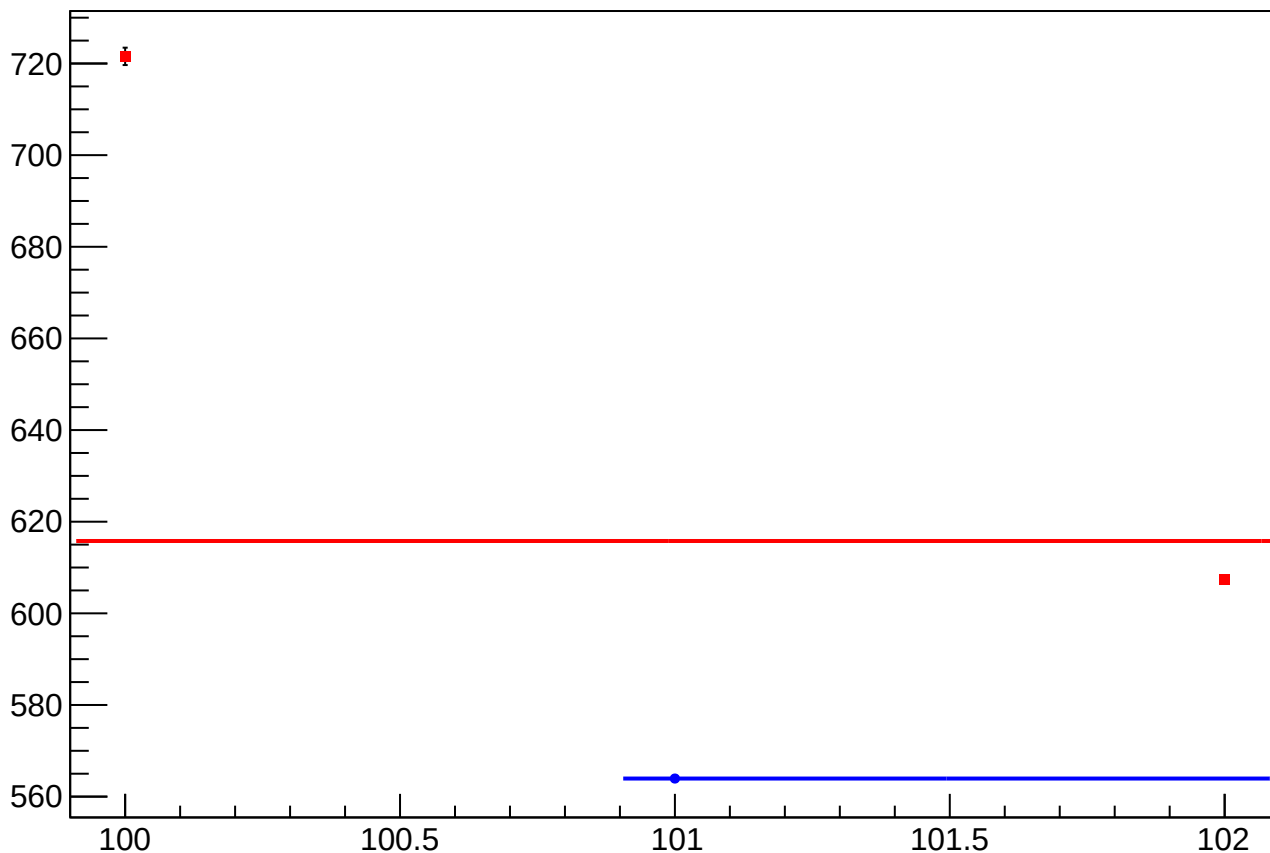
Right: 535.730 $\pm$ 502.315 χ^2/NDF : 8.2/2

In: 1395.954 $\pm$ 695.977 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 535.730 $\pm$ 502.315 χ^2/NDF : 8.2/2

asym_sam_15_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 563.945 $\pm$ 0.492 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 615.790 $\pm$ 0.513 χ^2 /NDF: 3359.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

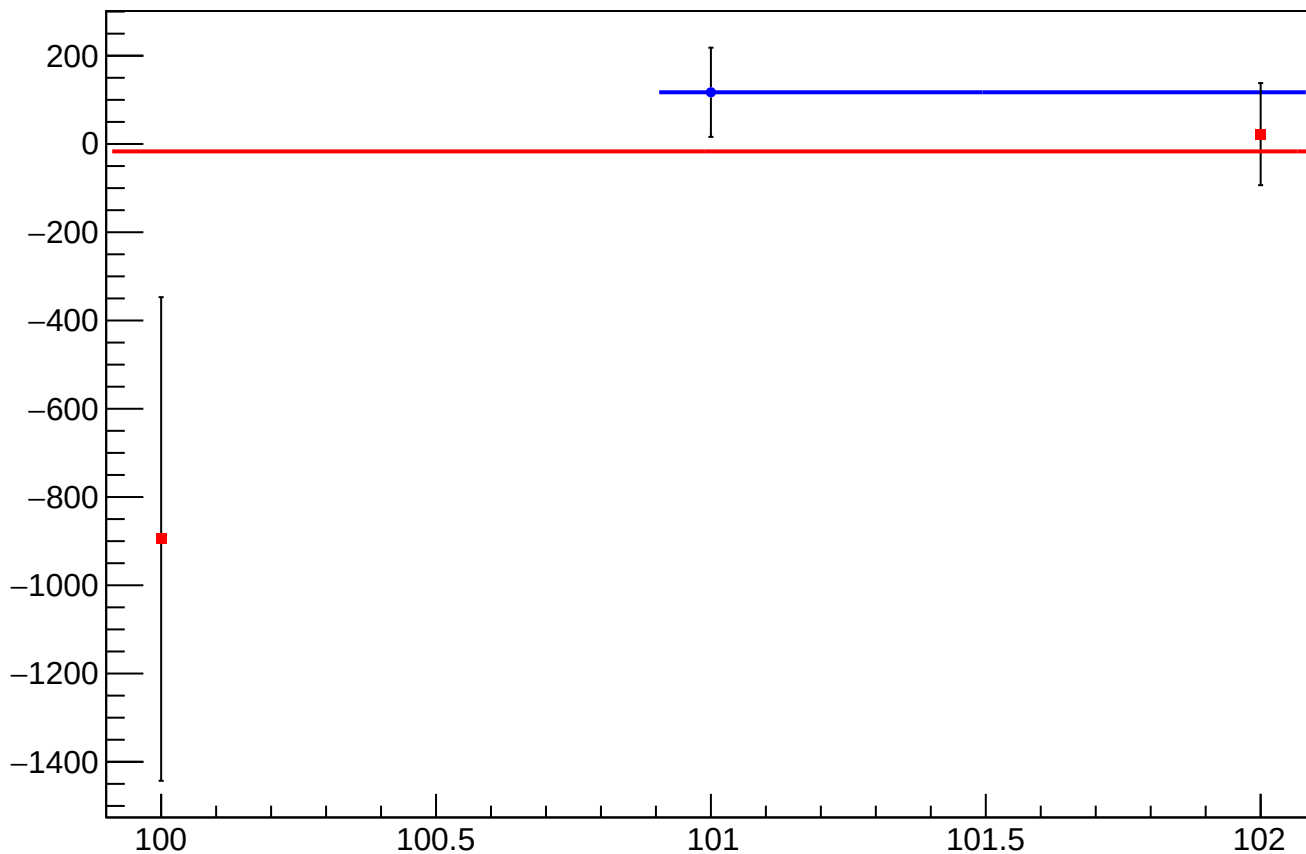
Right: 588.784 $\pm$ 0.355 χ^2 /NDF: 8676.7/2

In: 563.945 $\pm$ 0.492 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 588.784 $\pm$ 0.355 χ^2 /NDF: 8676.7/2

eigen_dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 117.163+/-101.087 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.799+/-113.202 χ^2/NDF : 2.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

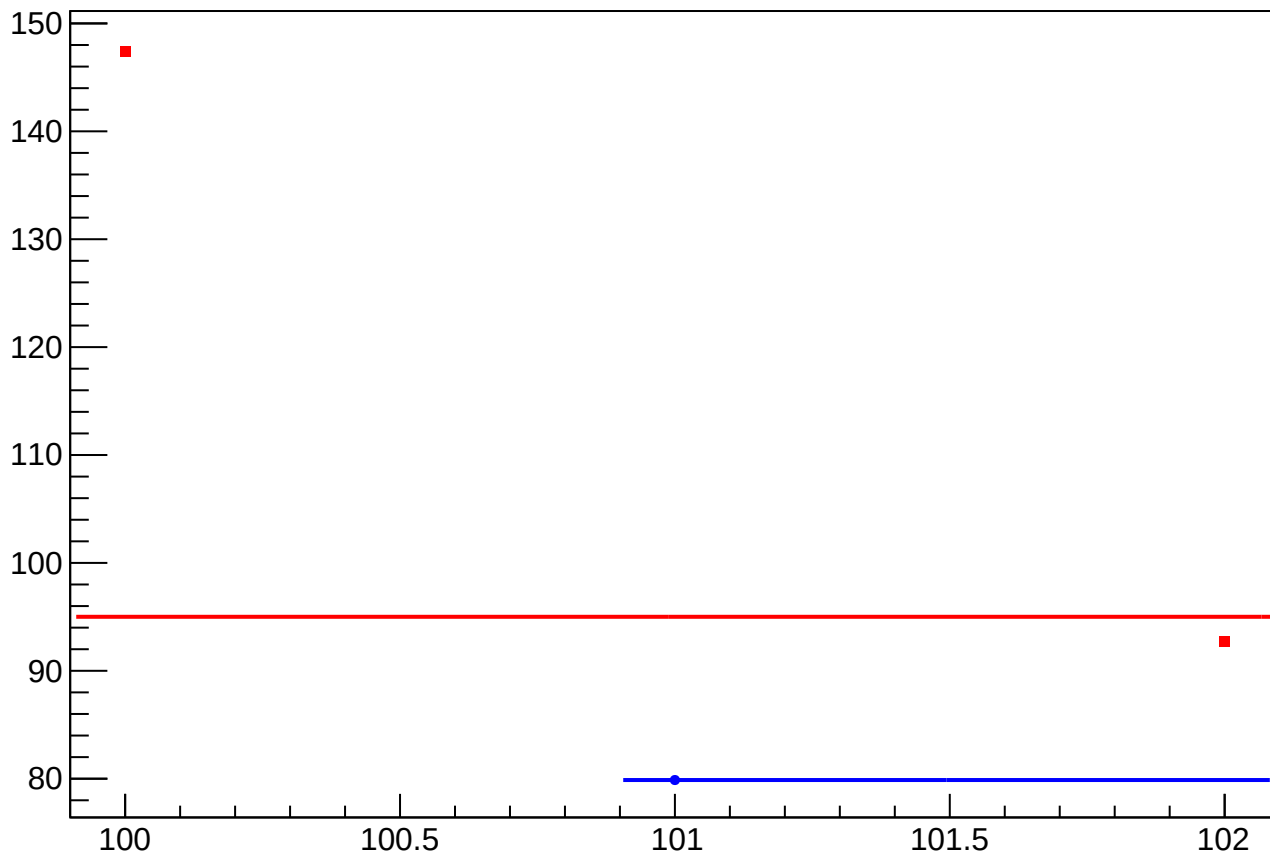
Right: 57.732+/-75.400 χ^2/NDF : 3.5/2

In: 117.163+/-101.087 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.732+/-75.400 χ^2/NDF : 3.5/2

eigen_dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 79.877 $\pm$ 0.071 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 95.006 $\pm$ 0.080 χ^2 /NDF: 19073.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

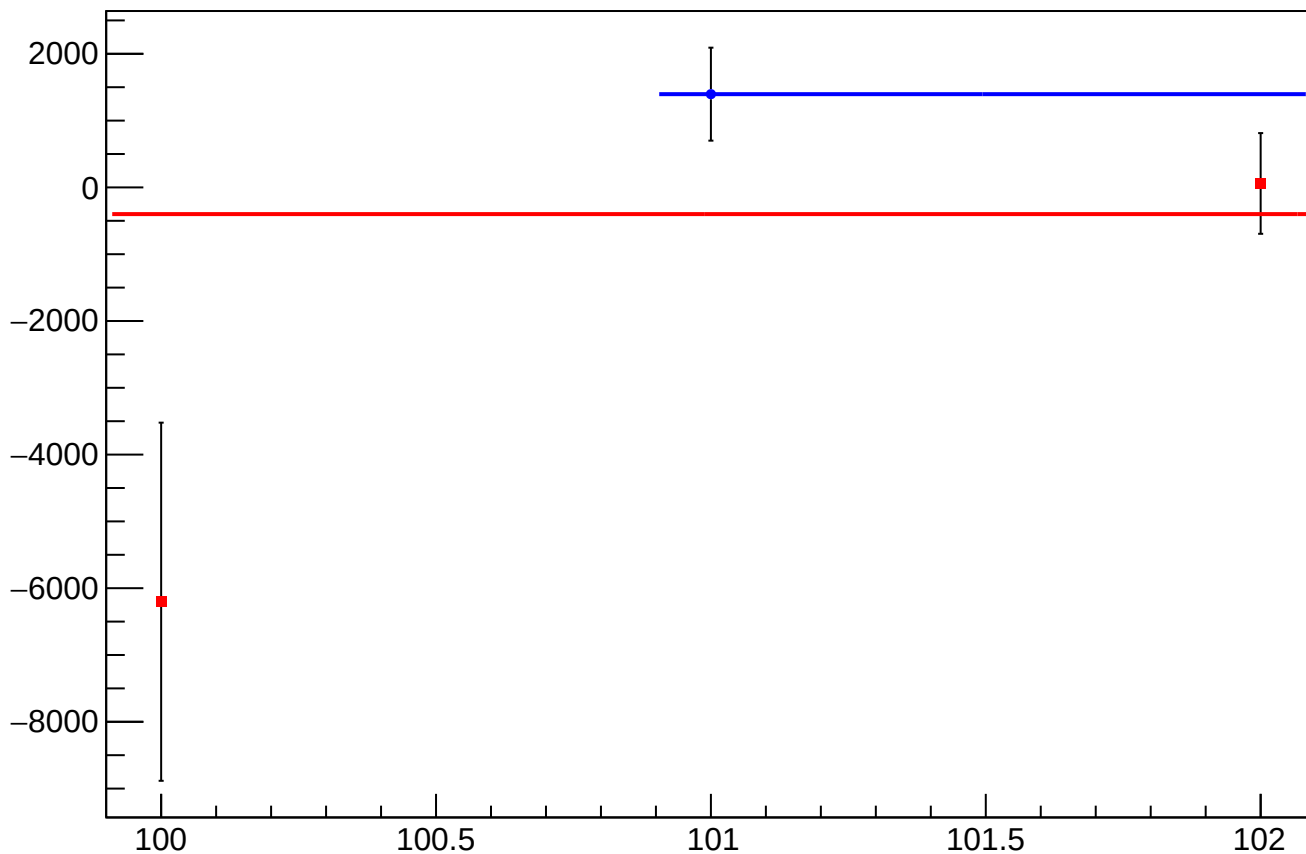
Right: 86.589 $\pm$ 0.053 χ^2 /NDF: 38947.7/2

In: 79.877 $\pm$ 0.071 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 86.589 $\pm$ 0.053 χ^2 /NDF: 38947.7/2

asym_sam_15_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1395.954+/-695.976 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -399.581+/-725.716 χ^2/NDF : 5.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

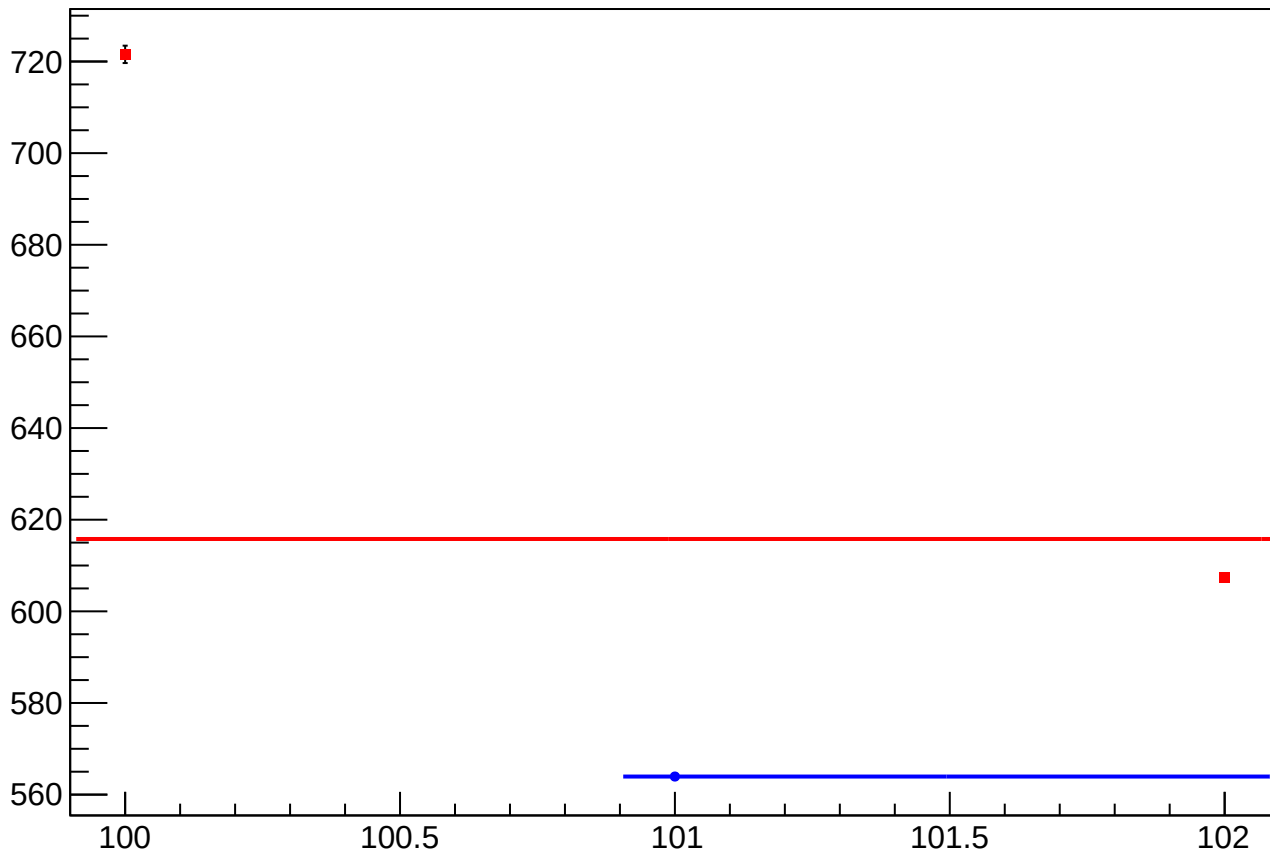
Right: 535.730+/-502.314 χ^2/NDF : 8.2/2

In: 1395.954+/-695.976 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 535.730+/-502.314 χ^2/NDF : 8.2/2

asym_sam_15_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 563.944 $\pm$ 0.492 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 615.790 $\pm$ 0.513 χ^2 /NDF: 3359.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

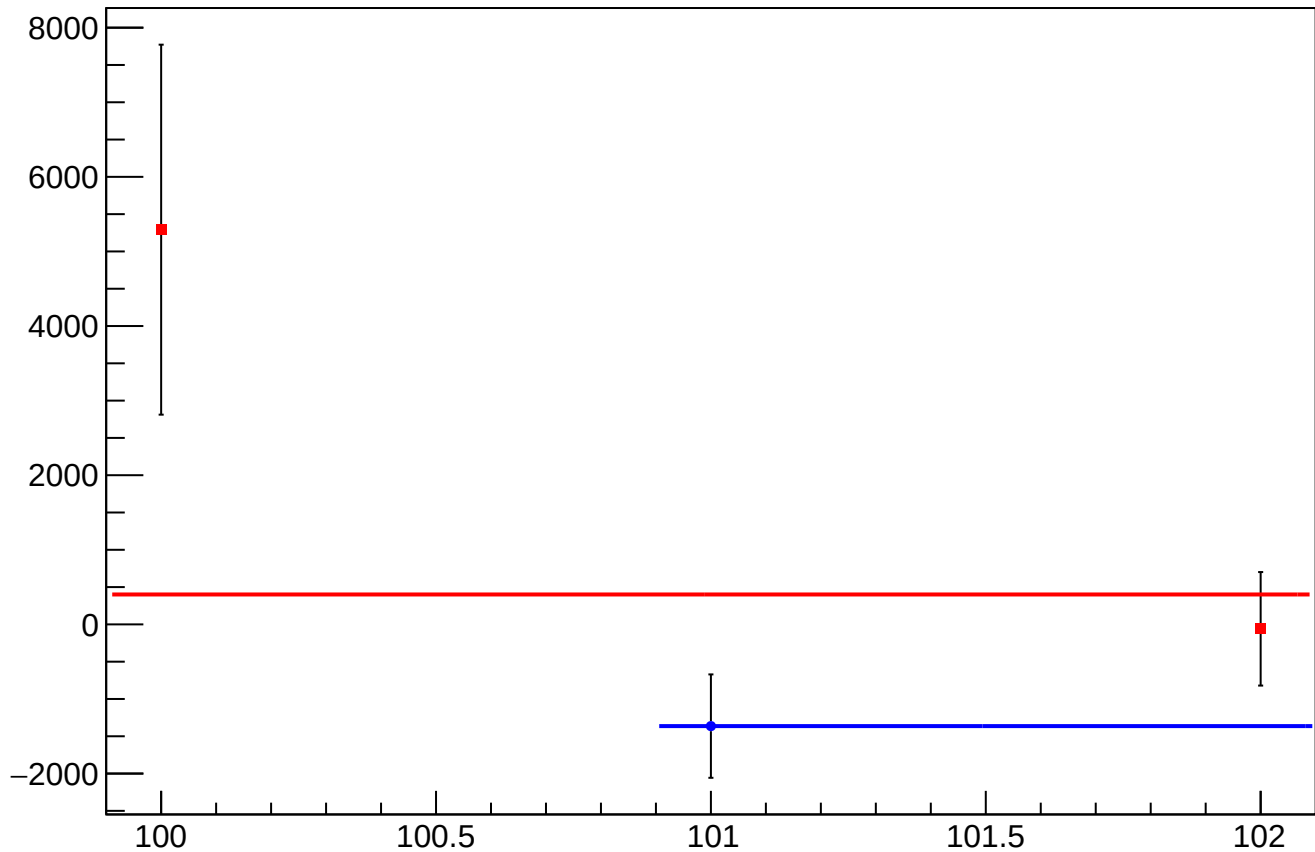
Right: 588.783 $\pm$ 0.355 χ^2 /NDF: 8676.8/2

In: 563.944 $\pm$ 0.492 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 588.783 $\pm$ 0.355 χ^2 /NDF: 8676.8/2

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: -1363.705+/-693.103 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 401.002+/-727.514 χ^2/NDF : 4.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

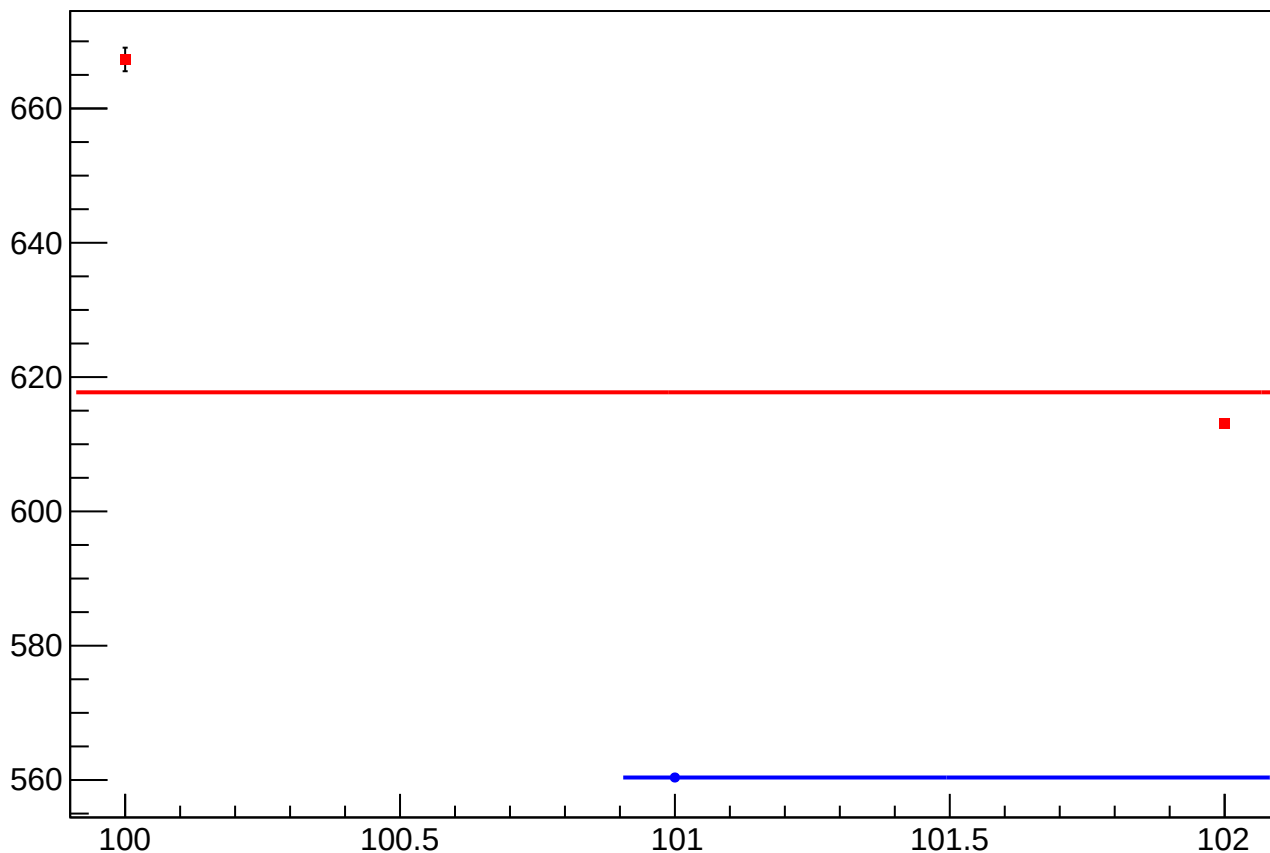
Right: -524.072+/-501.822 χ^2/NDF : 7.3/2

In: -1363.705+/-693.103 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -524.072+/-501.822 χ^2/NDF : 7.3/2

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 560.372 ± 0.490 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 617.733 ± 0.514 $\chi^2/\text{NDF}: 874.1/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

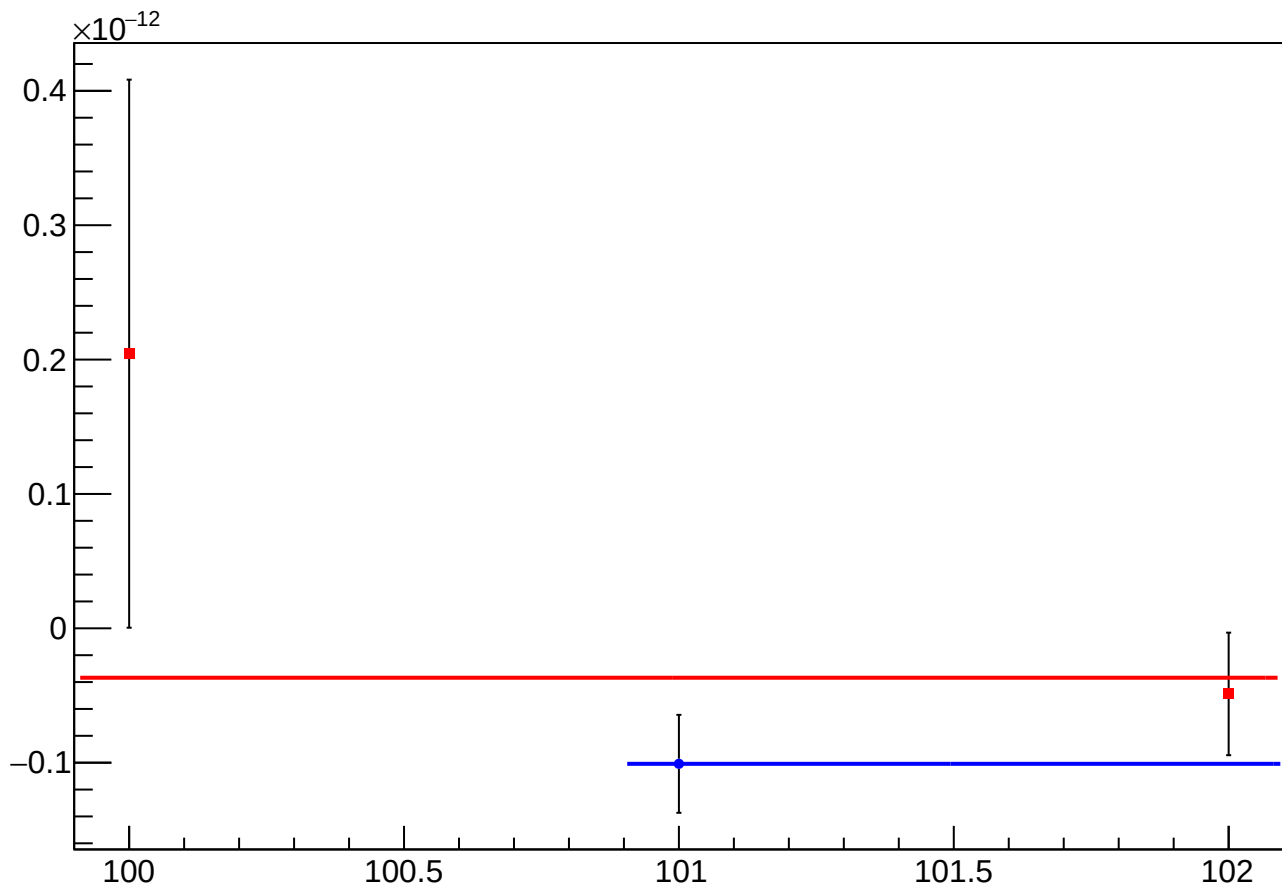
Right: 587.664 ± 0.355 $\chi^2/\text{NDF}: 7391.5/2$

In: 560.372 ± 0.490 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 587.664 ± 0.355 $\chi^2/\text{NDF}: 7391.5/2$

asym_sam_15_48_dd_reg_vs_cor_diff_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: 1.5/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

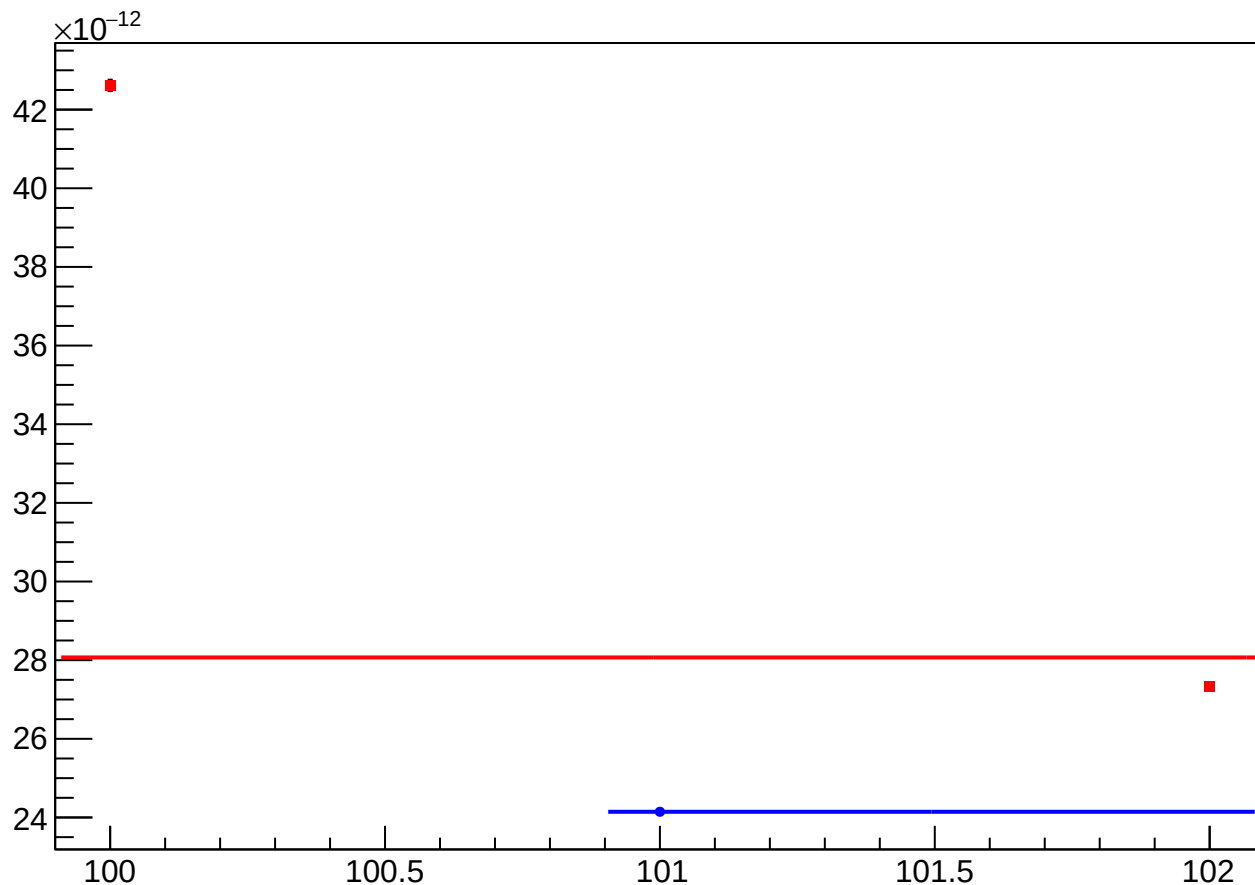
Right: -0.000+/-0.000 χ^2 /NDF: 2.7/2

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: 2.7/2

asym_sam_15_48_dd_reg_vs_cor_diff_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 : 10686.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

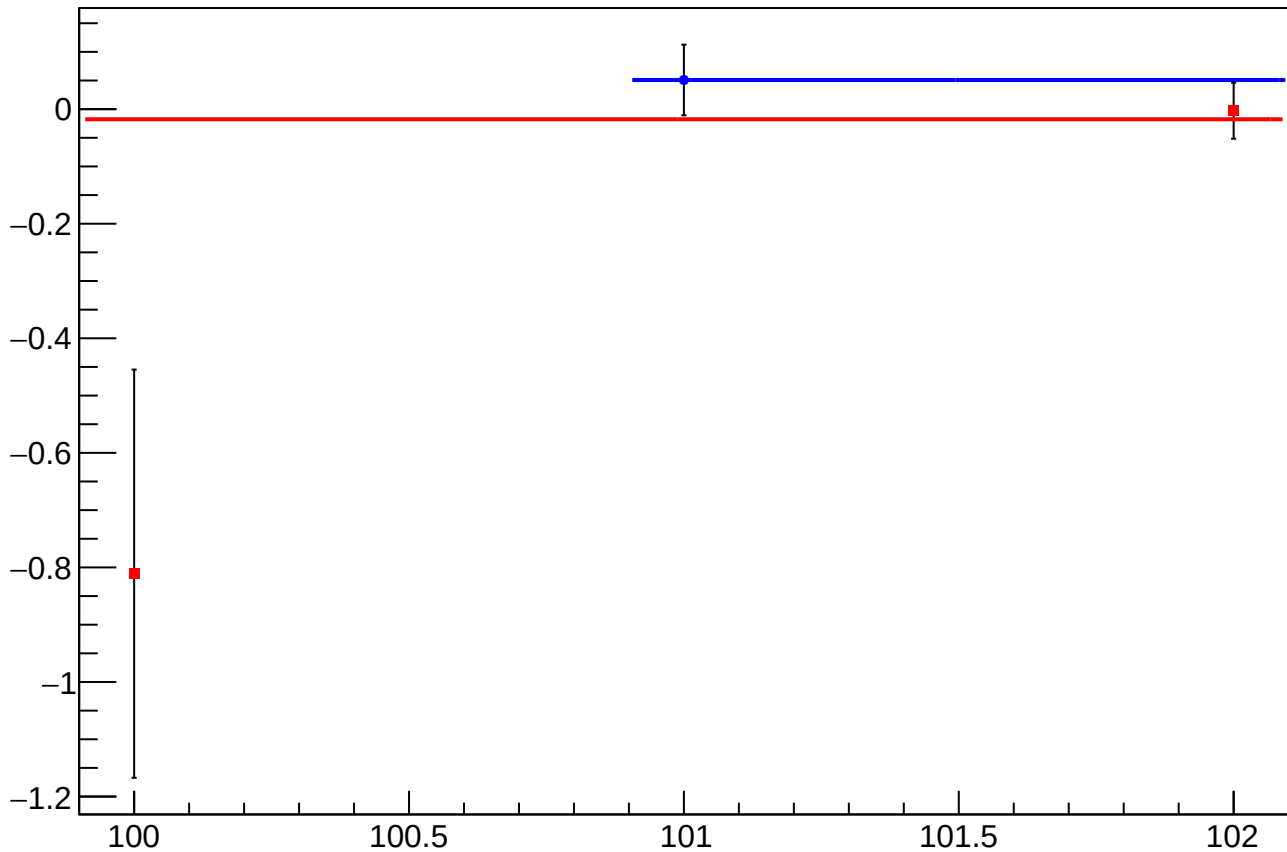
Right: 0.000+/-0.000 χ^2/NDF : 19999.0/2

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 : 19999.0/2

asym_sam_15_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.051+/-0.062 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.018+/-0.048 χ^2/NDF : 5.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

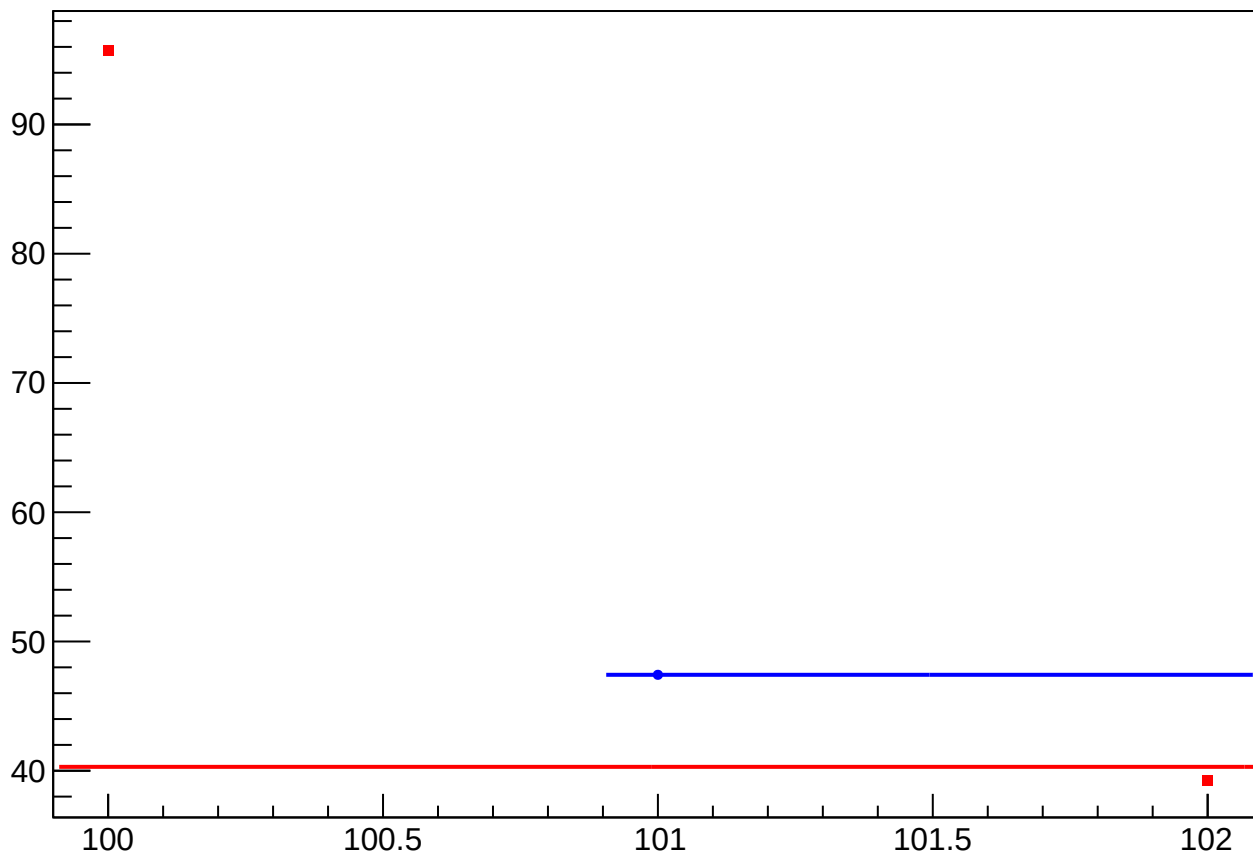
Right: 0.009+/-0.038 χ^2/NDF : 5.8/2

In: 0.051+/-0.062 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.038 χ^2/NDF : 5.8/2

asym_sam_15_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.423+/-0.044 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.302+/-0.034 χ^2/NDF : 49228.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

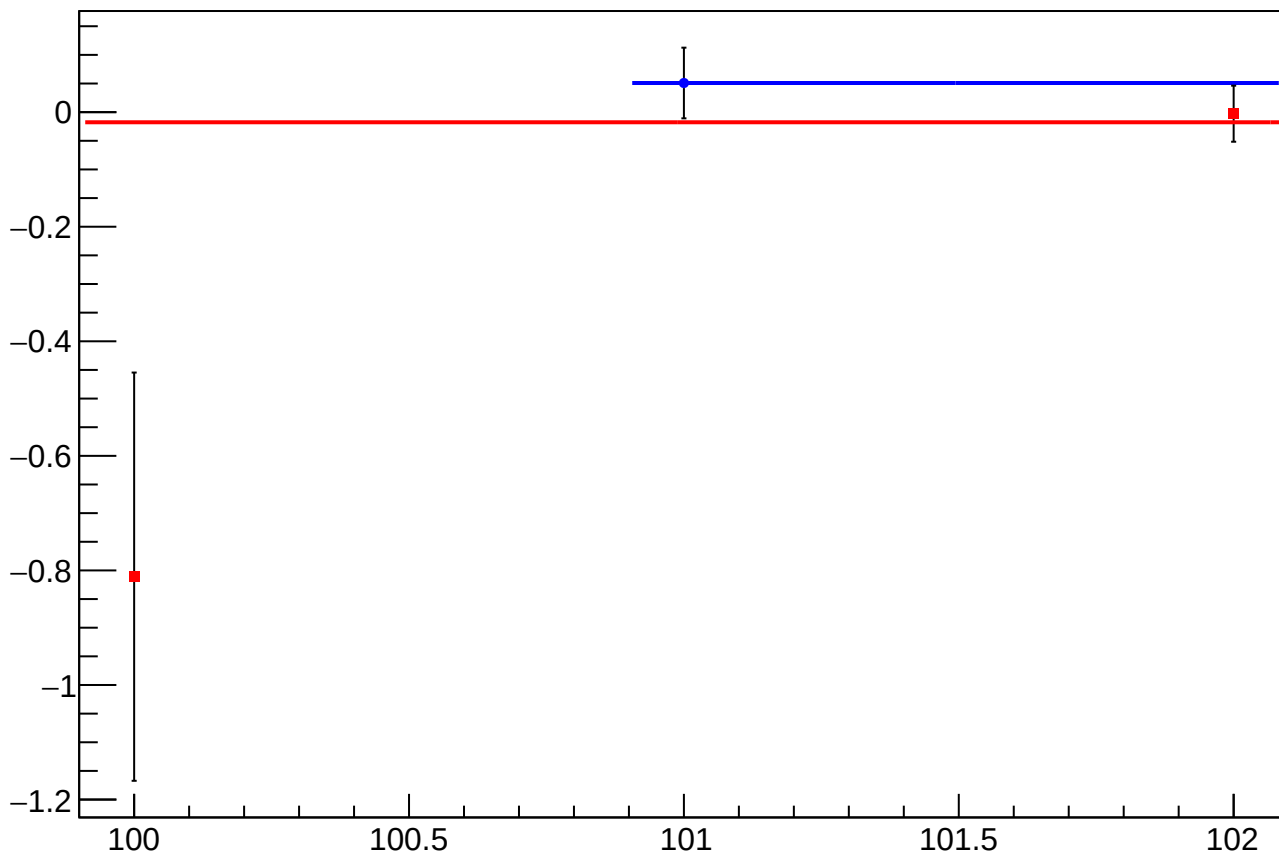
Right: 43.021+/-0.027 χ^2/NDF : 65706.7/2

In: 47.423+/-0.044 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.021+/-0.027 χ^2/NDF : 65706.7/2

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.051+/-0.062 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.018+/-0.048 χ^2/NDF : 5.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

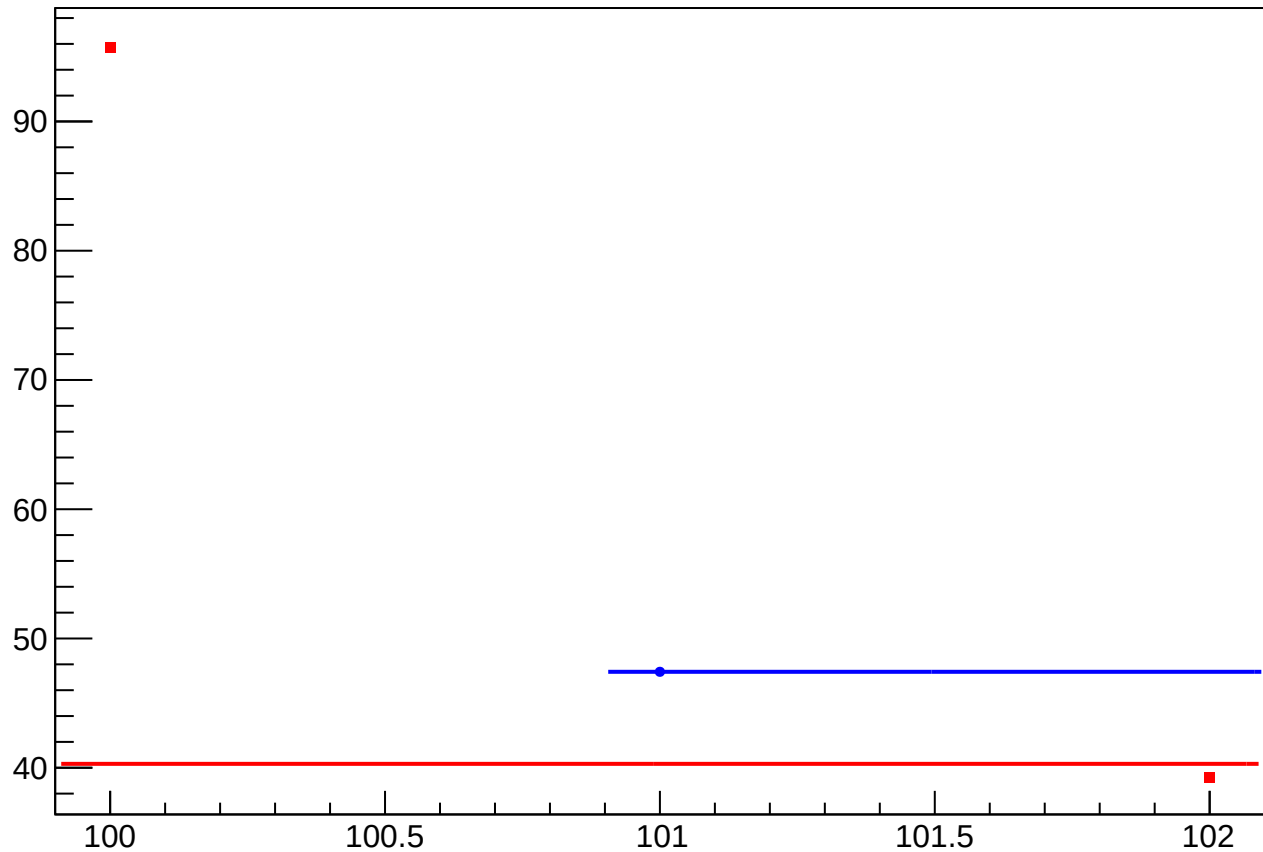
Right: 0.009+/-0.038 χ^2/NDF : 5.8/2

In: 0.051+/-0.062 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.038 χ^2/NDF : 5.8/2

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.423+/-0.044 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.302+/-0.034 χ^2/NDF : 49228.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

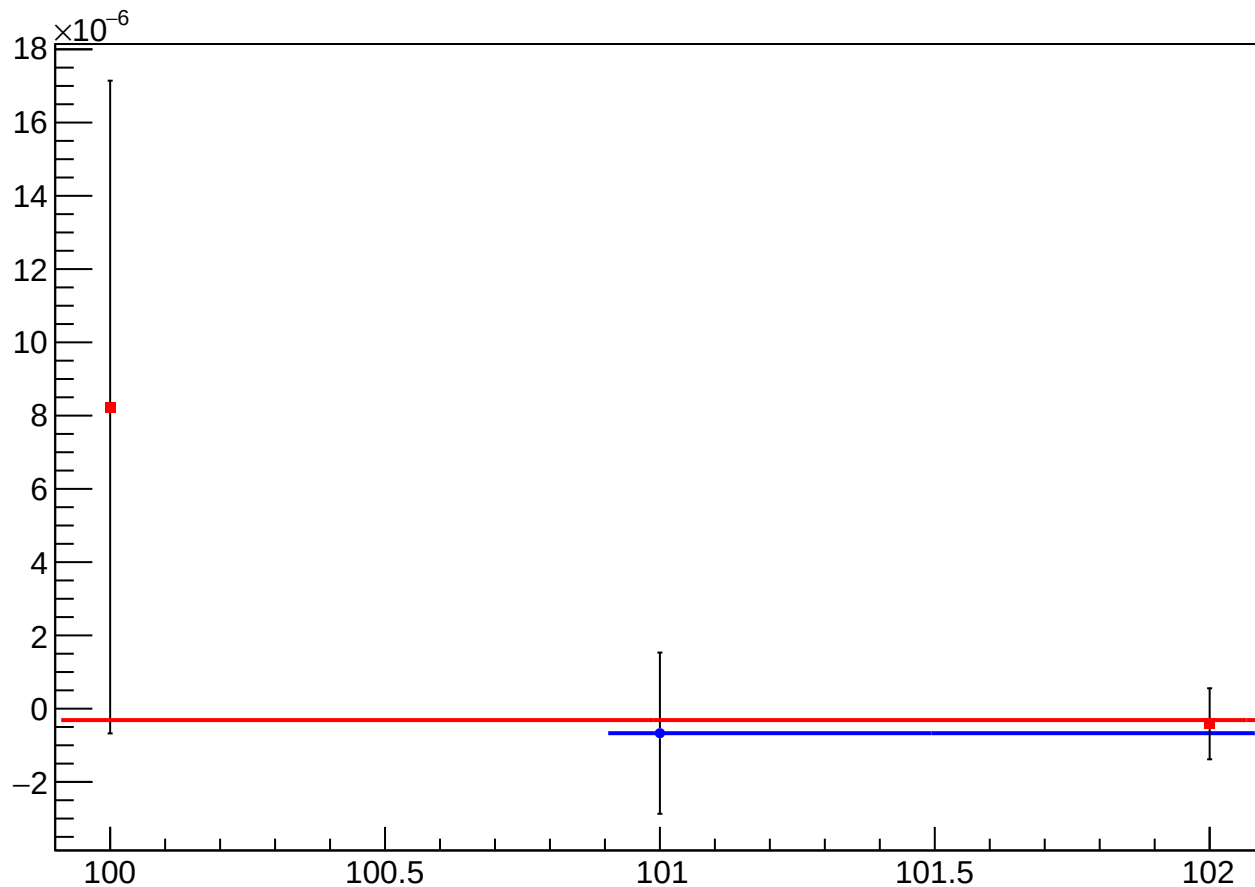
Right: 43.021+/-0.027 χ^2/NDF : 65706.7/2

In: 47.423+/-0.044 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.021+/-0.027 χ^2/NDF : 65706.7/2

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

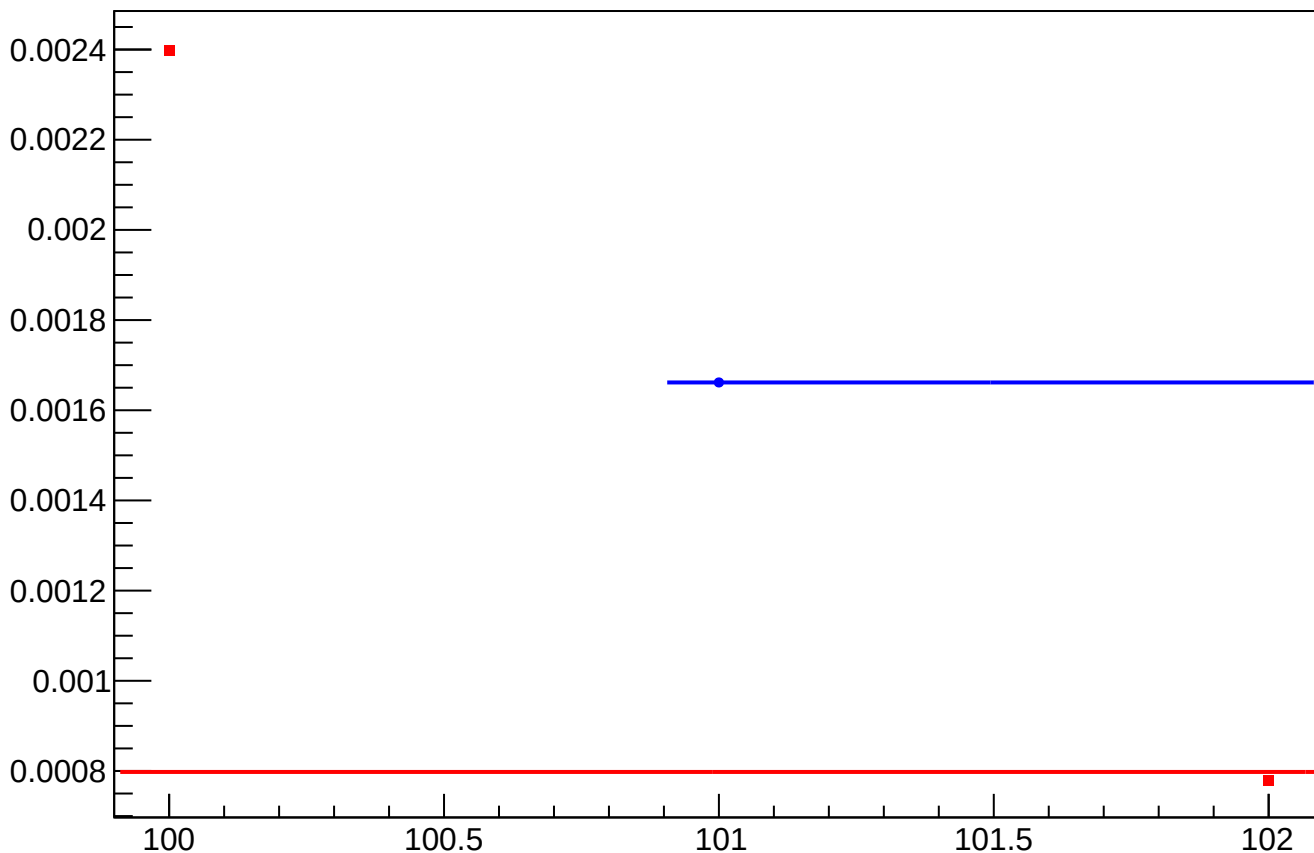
Right: -0.000+/-0.000 χ^2/NDF : 1.0/2

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 : 1.0/2

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 65261.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

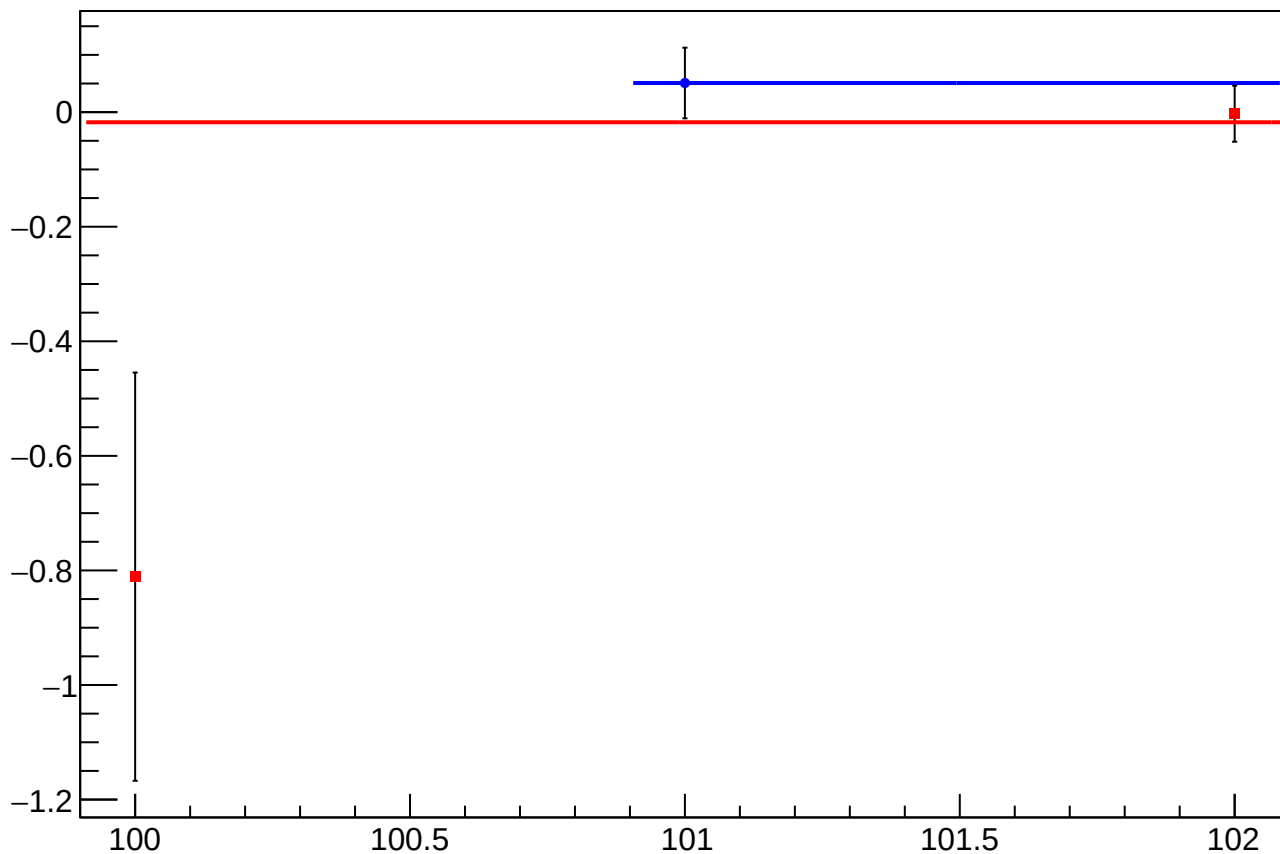
Right: 0.001+/-0.000 χ^2/NDF : 323817.8/2

In: 0.002+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 323817.8/2

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.051+/-0.062 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.018+/-0.048 χ^2/NDF : 5.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

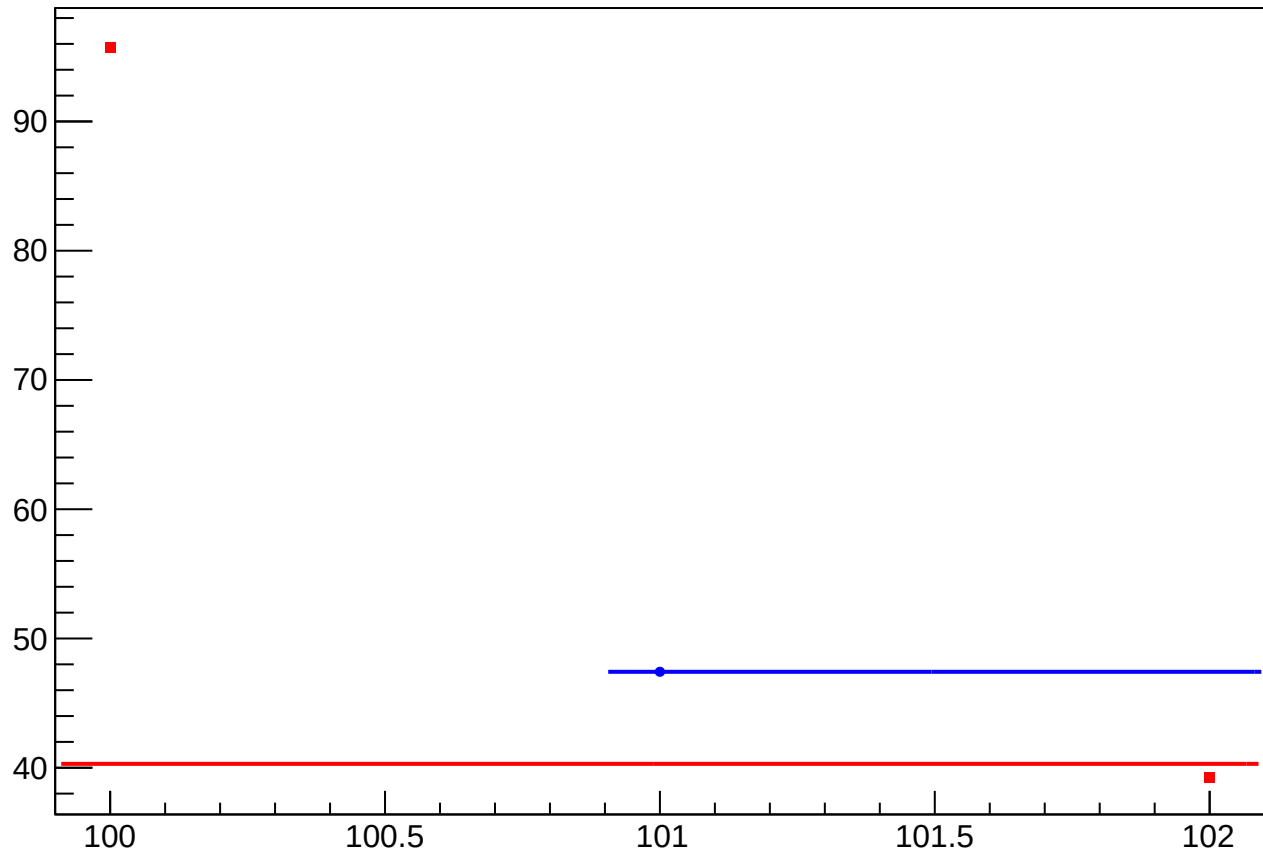
Right: 0.009+/-0.038 χ^2/NDF : 5.8/2

In: 0.051+/-0.062 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.038 χ^2/NDF : 5.8/2

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.423 $\pm$ 0.044 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 40.302 $\pm$ 0.034 χ^2 /NDF: 49228.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

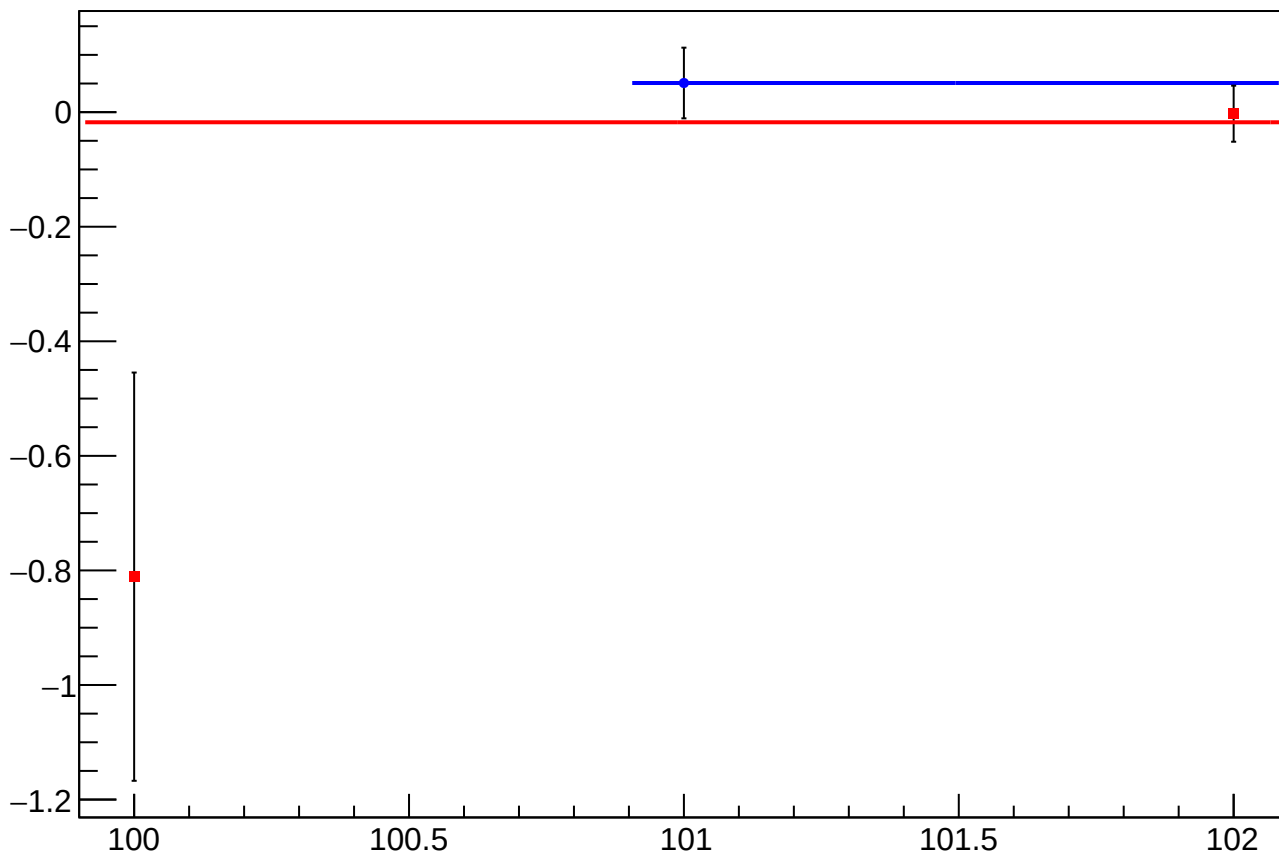
Right: 43.022 $\pm$ 0.027 χ^2 /NDF: 65707.4/2

In: 47.423 $\pm$ 0.044 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 43.022 $\pm$ 0.027 χ^2 /NDF: 65707.4/2

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.051+/-0.062 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.018+/-0.048 χ^2/NDF : 5.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

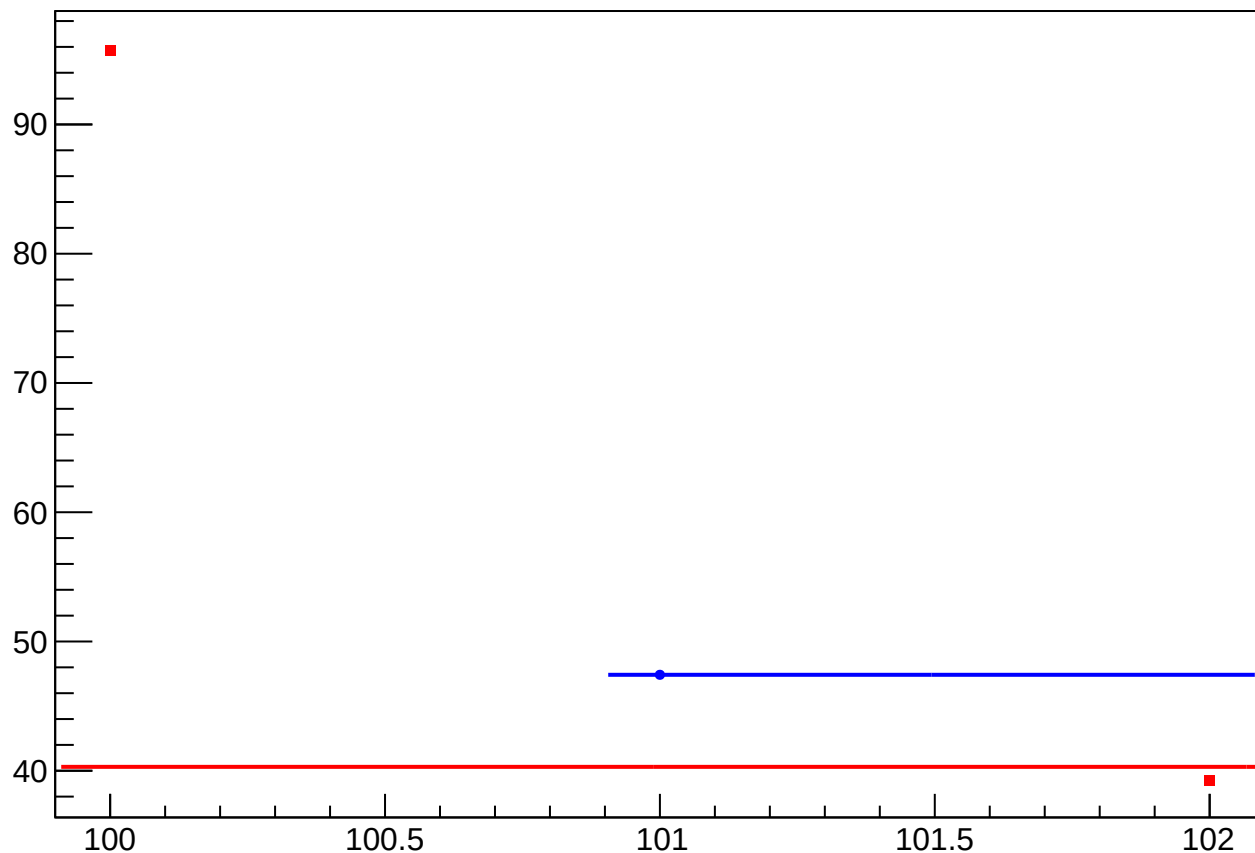
Right: 0.009+/-0.038 χ^2/NDF : 5.8/2

In: 0.051+/-0.062 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.038 χ^2/NDF : 5.8/2

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 47.423 $\pm$ 0.044 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 40.302 $\pm$ 0.034 χ^2 /NDF: 49228.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

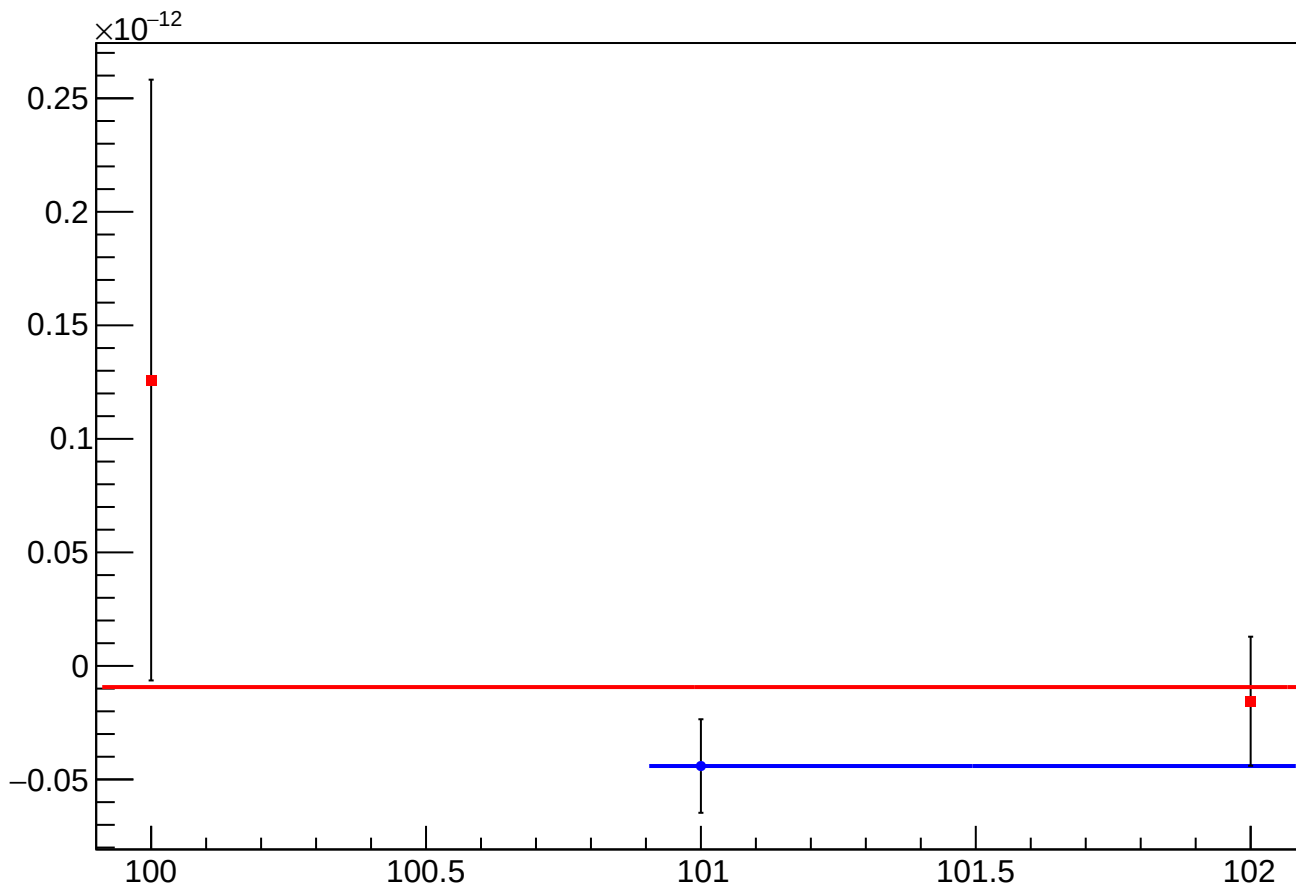
Right: 43.022 $\pm$ 0.027 χ^2 /NDF: 65707.4/2

In: 47.423 $\pm$ 0.044 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 43.022 $\pm$ 0.027 χ^2 /NDF: 65707.4/2

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_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 : 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

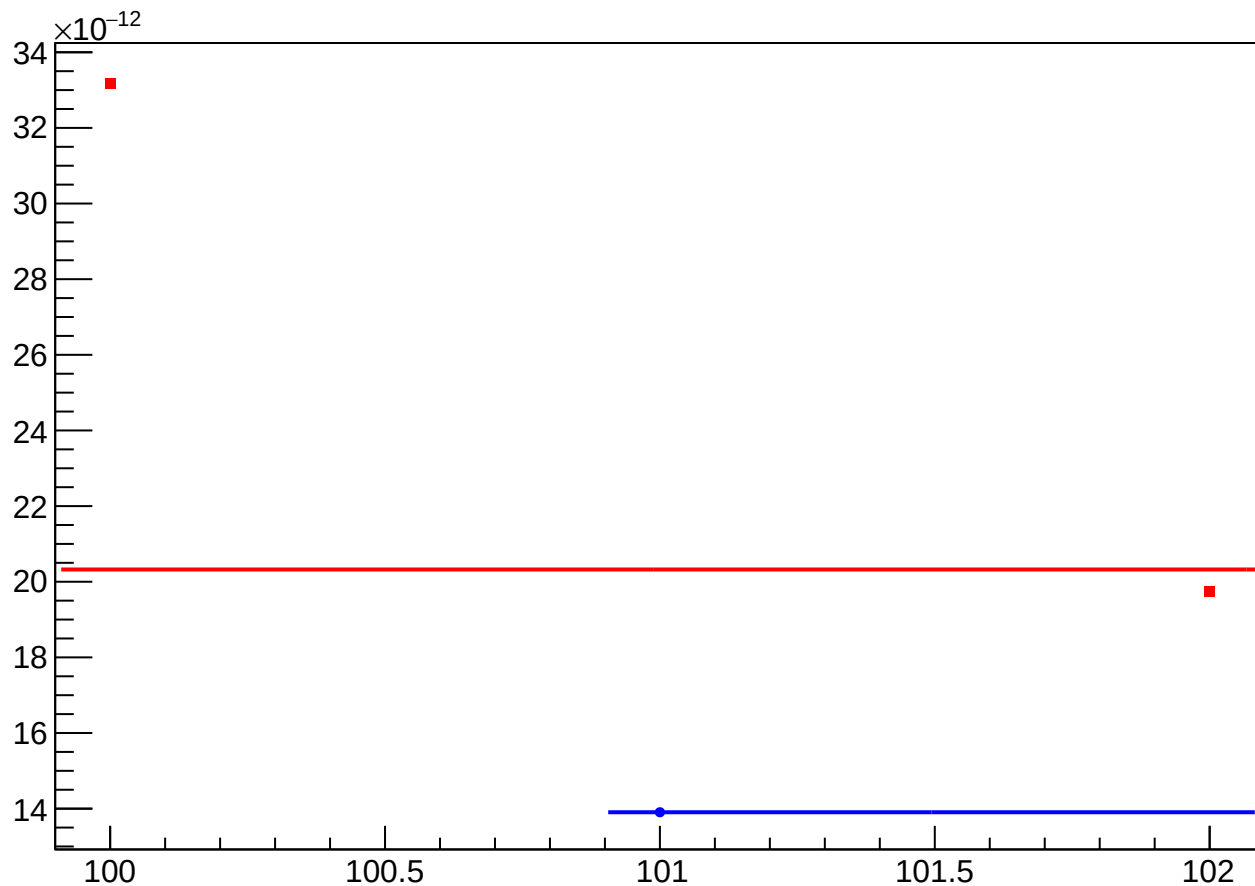
Right: -0.000+/-0.000 χ^2/NDF : 2.1/2

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 : 2.1/2

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_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 : 19762.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

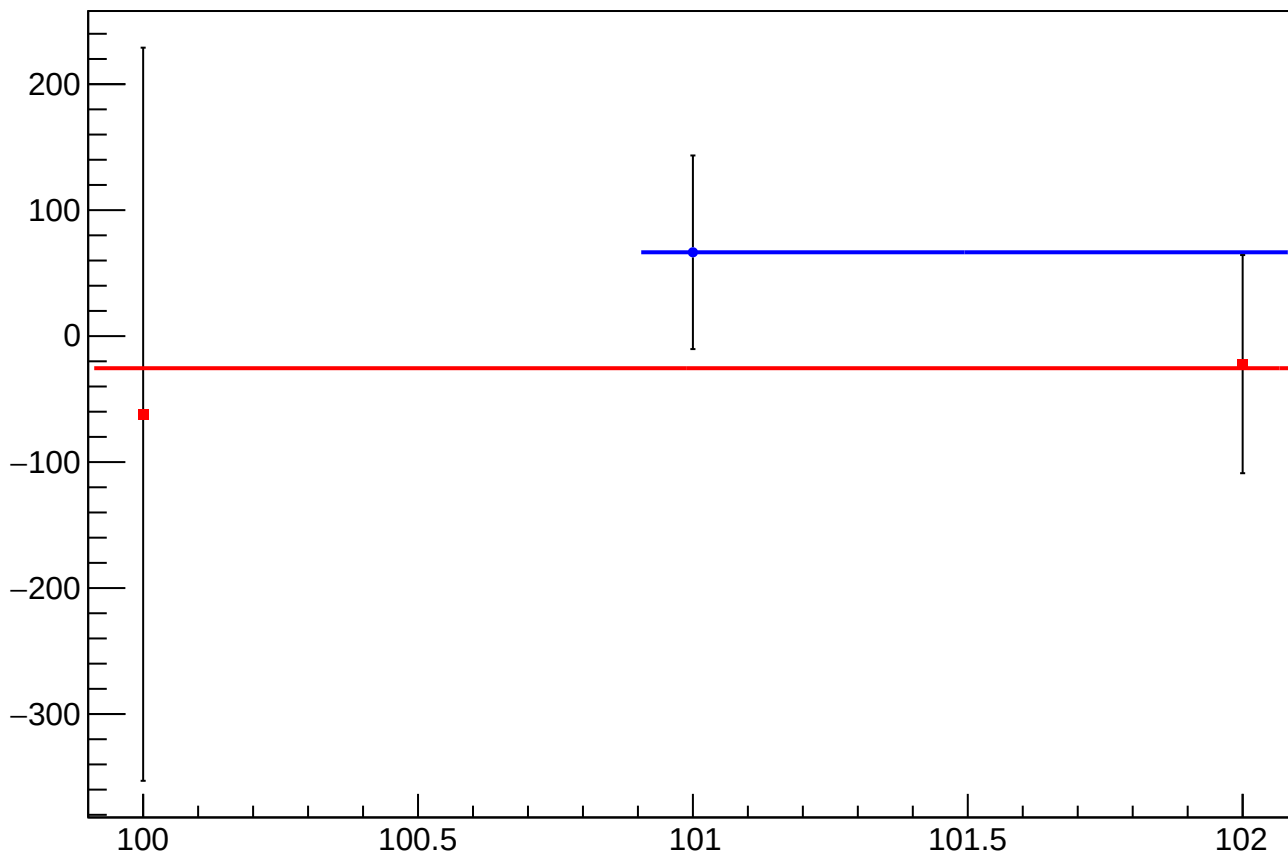
Right: 0.000+/-0.000 χ^2/NDF : 88598.5/2

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 : 88598.5/2

reg_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 66.548 $\pm$ 76.846 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -25.474 $\pm$ 82.991 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

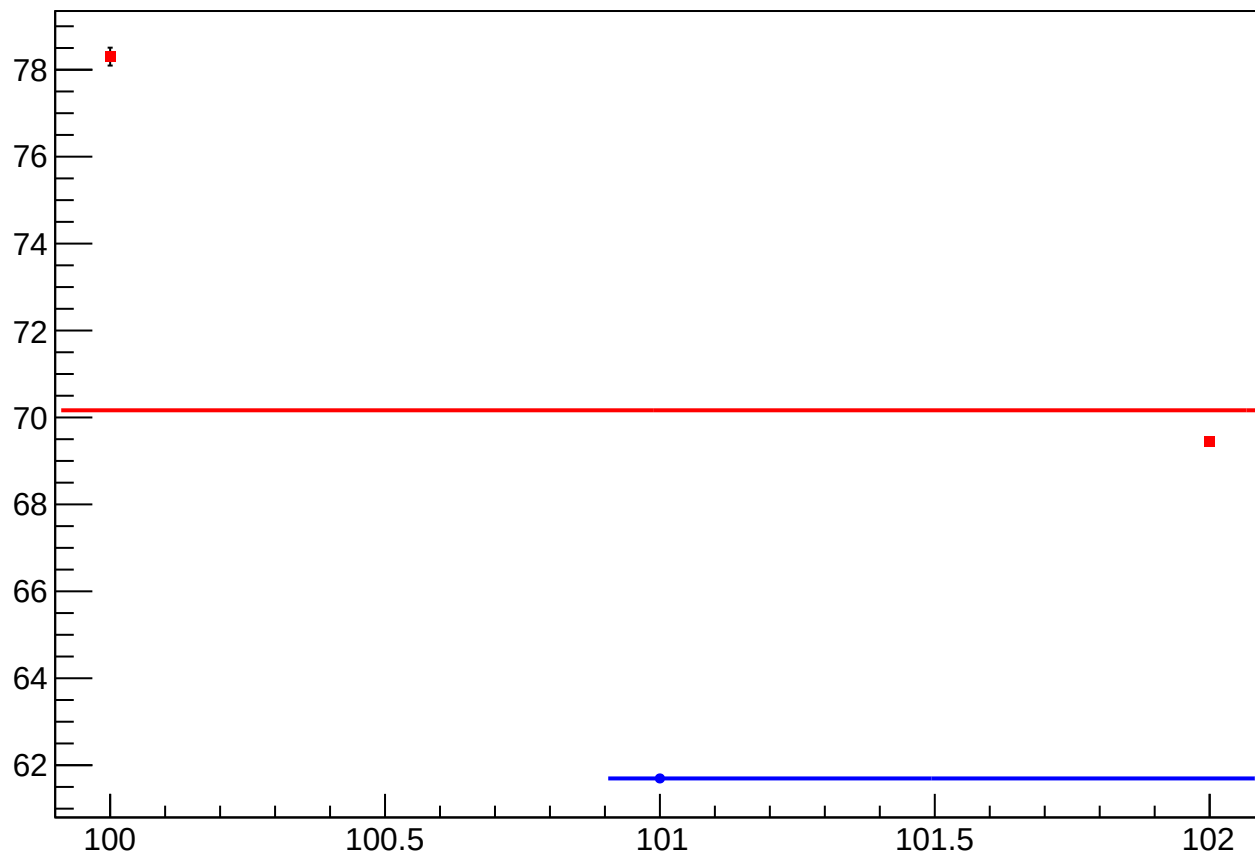
Right: 24.069 $\pm$ 56.386 χ^2 /NDF: 0.7/2

In: 66.548 $\pm$ 76.846 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.069 $\pm$ 56.386 χ^2 /NDF: 0.7/2

reg_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 61.695 $\pm$ 0.054 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 70.165 $\pm$ 0.059 χ^2 /NDF: 1702.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

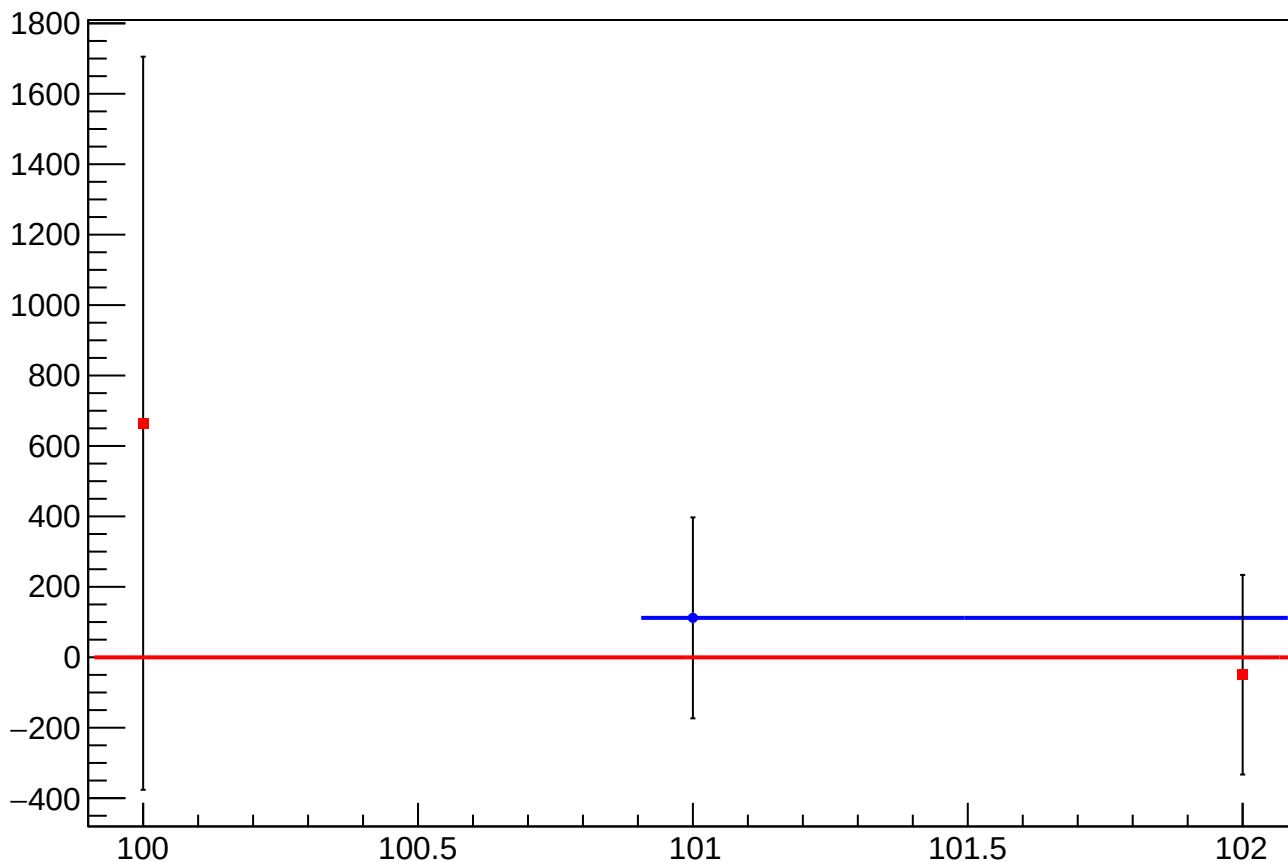
Right: 65.605 $\pm$ 0.040 χ^2 /NDF: 12916.9/2

In: 61.695 $\pm$ 0.054 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 65.605 $\pm$ 0.040 χ^2 /NDF: 12916.9/2

asym_sam_37_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 111.910 $\pm$ 285.306 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.274 $\pm$ 273.464 χ^2 /NDF: 0.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

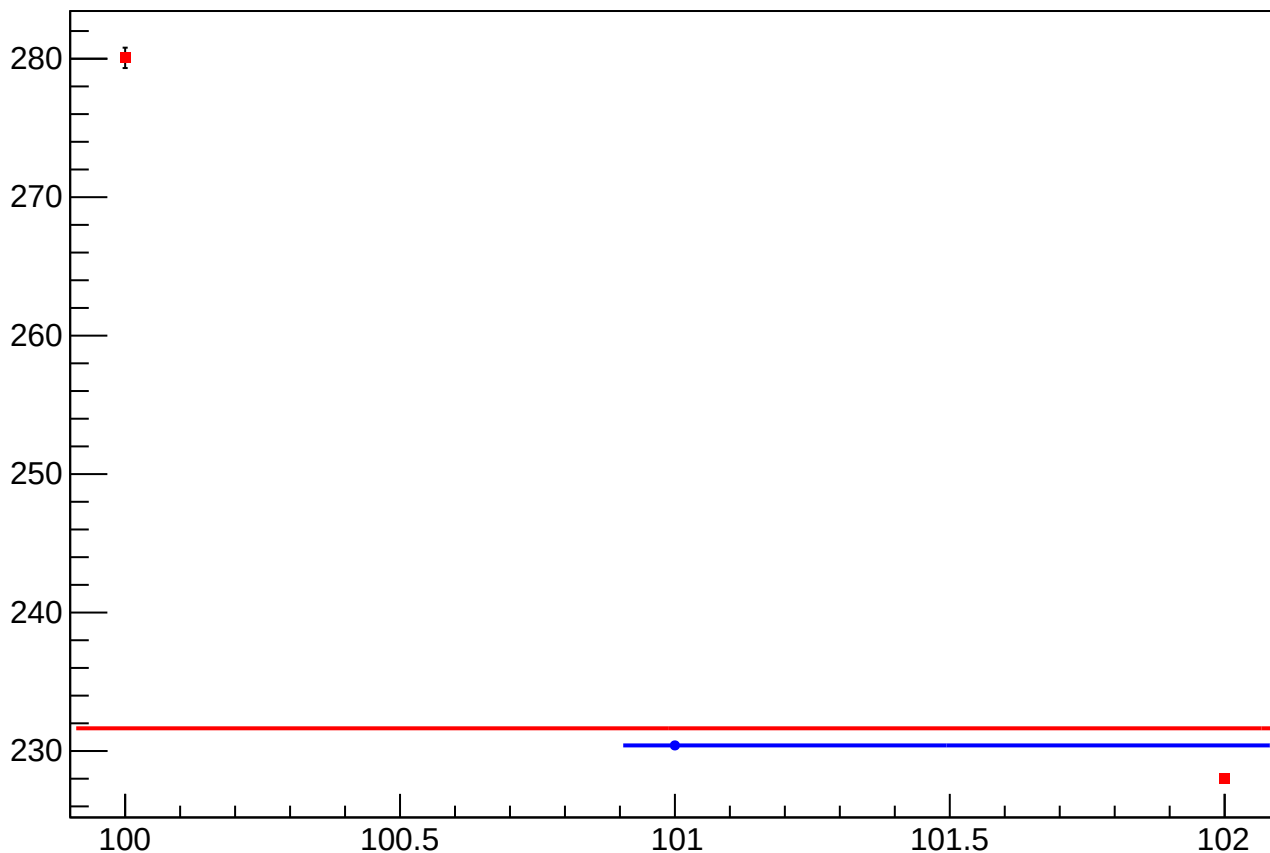
Right: 53.442 $\pm$ 197.422 χ^2 /NDF: 0.5/2

In: 111.910 $\pm$ 285.306 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 53.442 $\pm$ 197.422 χ^2 /NDF: 0.5/2

asym_sam_37_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 230.404 $\pm$ 0.202 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 231.639 $\pm$ 0.193 χ^2 /NDF: 4650.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

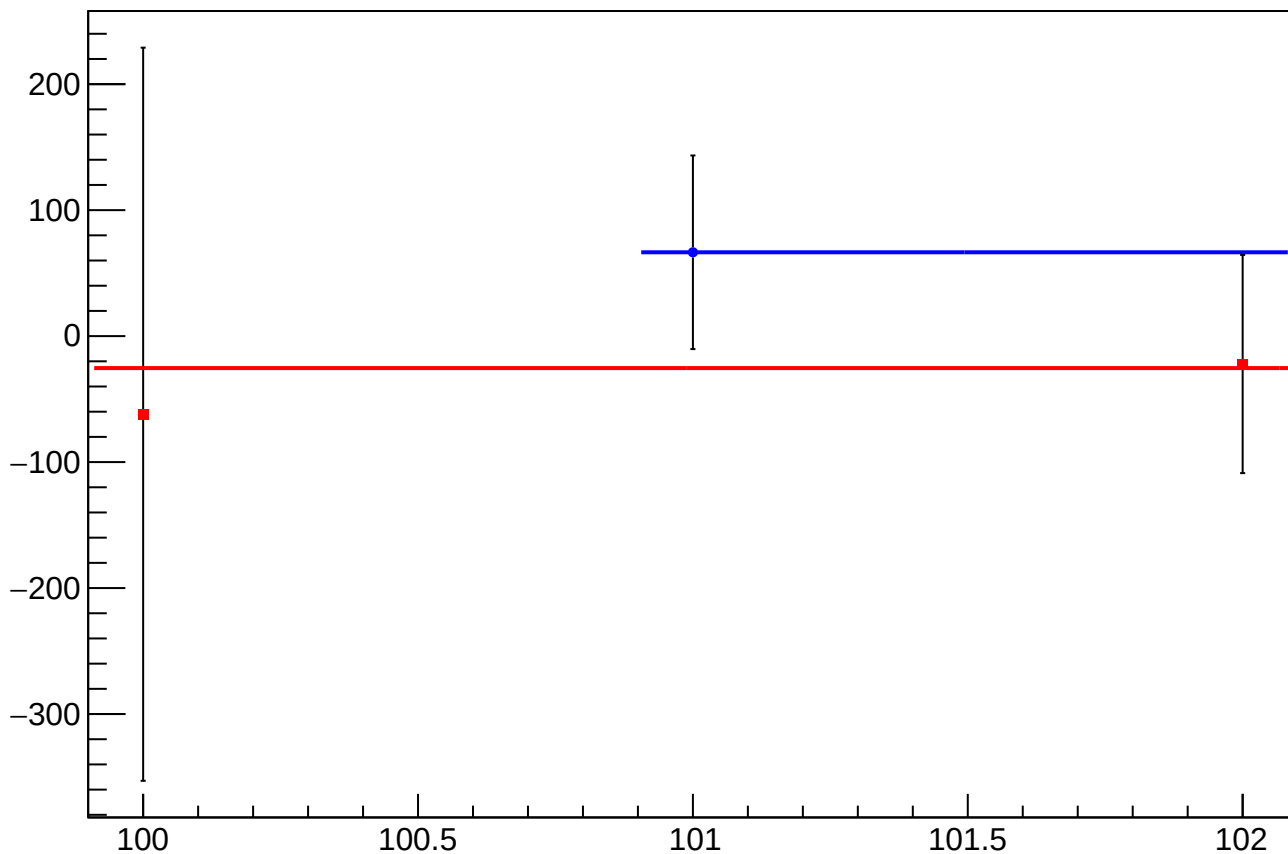
Right: 231.048 $\pm$ 0.140 χ^2 /NDF: 4669.5/2

In: 230.404 $\pm$ 0.202 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 231.048 $\pm$ 0.140 χ^2 /NDF: 4669.5/2

cor_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 66.542+/-76.846 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.392+/-83.011 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

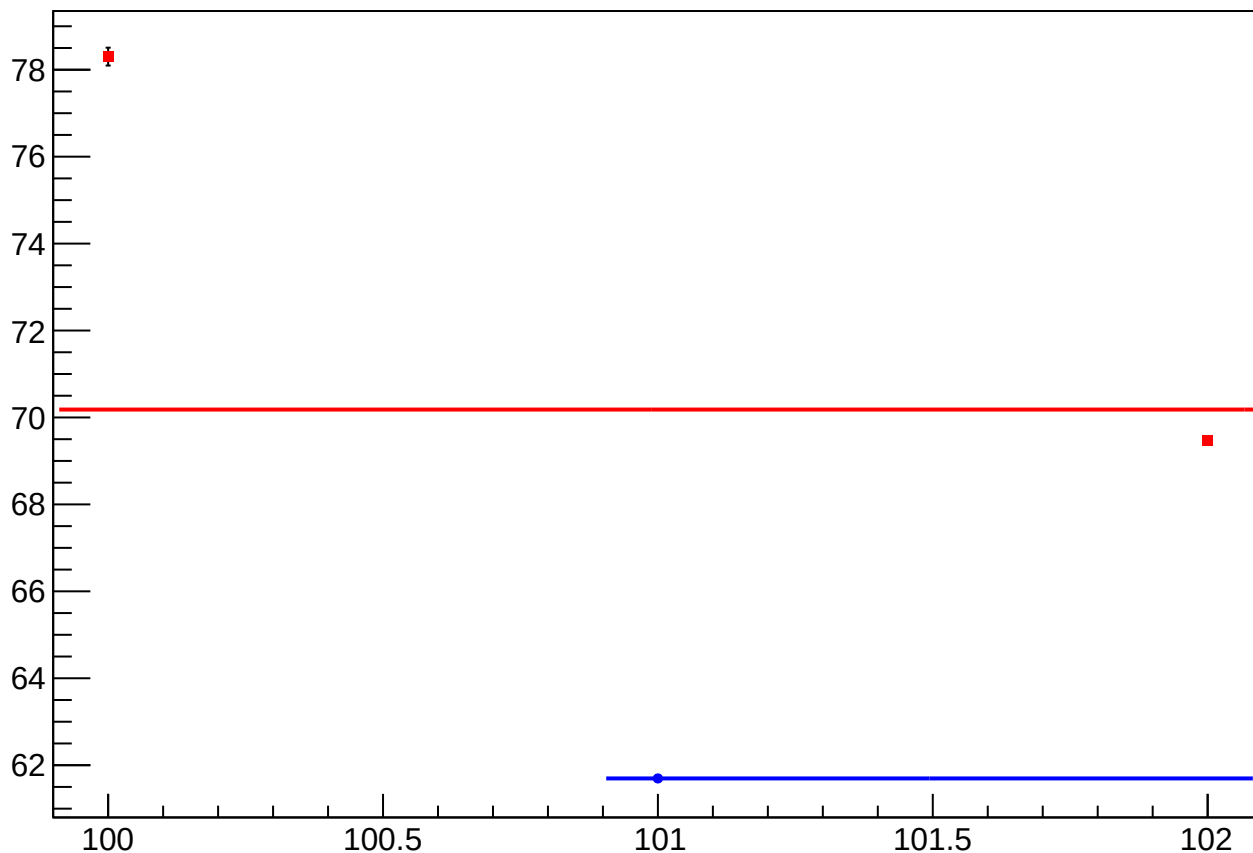
Right: 24.115+/-56.392 χ^2/NDF : 0.7/2

In: 66.542+/-76.846 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.115+/-56.392 χ^2/NDF : 0.7/2

cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 61.695 $\pm$ 0.054 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 70.182 $\pm$ 0.059 χ^2 /NDF: 1695.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

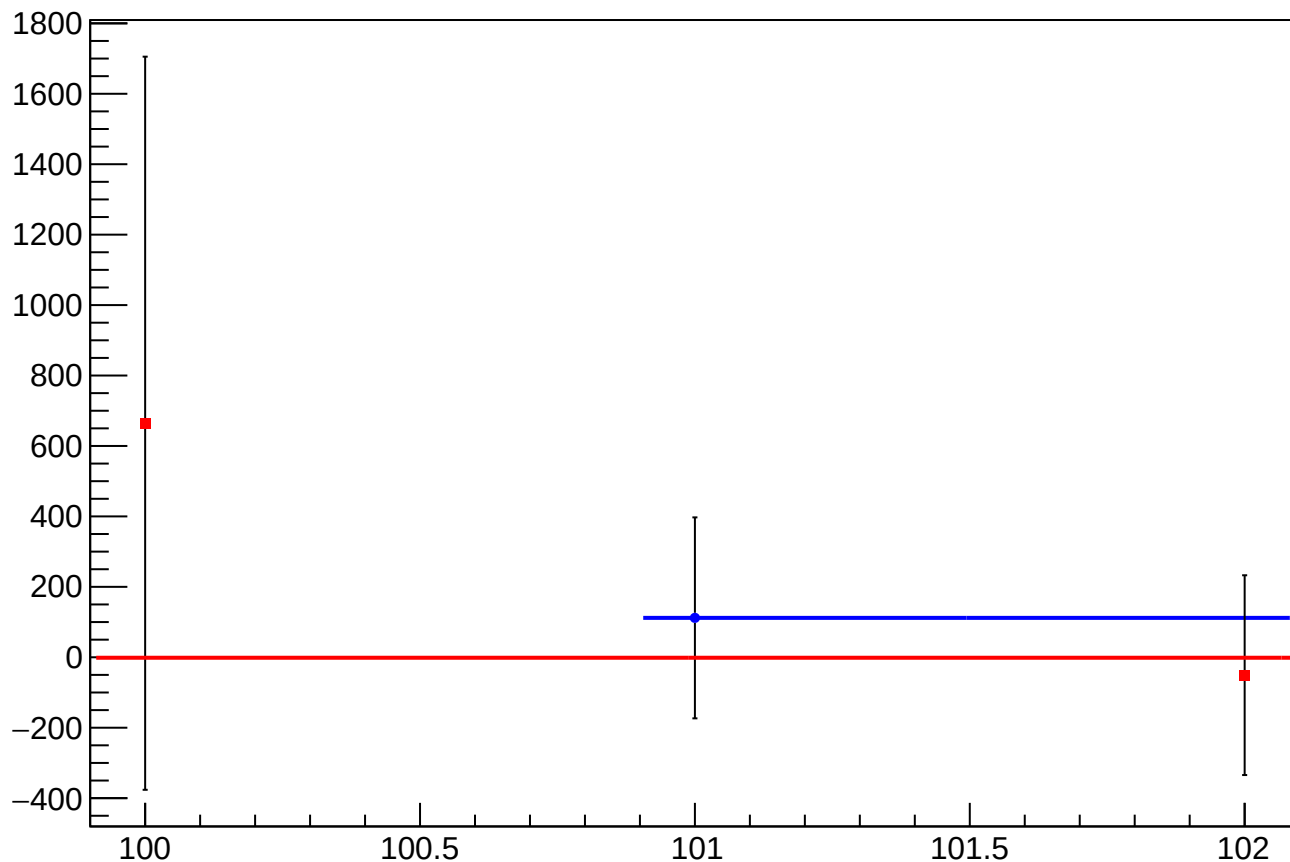
Right: 65.612 $\pm$ 0.040 χ^2 /NDF: 12952.4/2

In: 61.695 $\pm$ 0.054 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 65.612 $\pm$ 0.040 χ^2 /NDF: 12952.4/2

asym_sam_37_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 111.897 $\pm$ 285.306 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.318 $\pm$ 273.635 χ^2 /NDF: 0.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

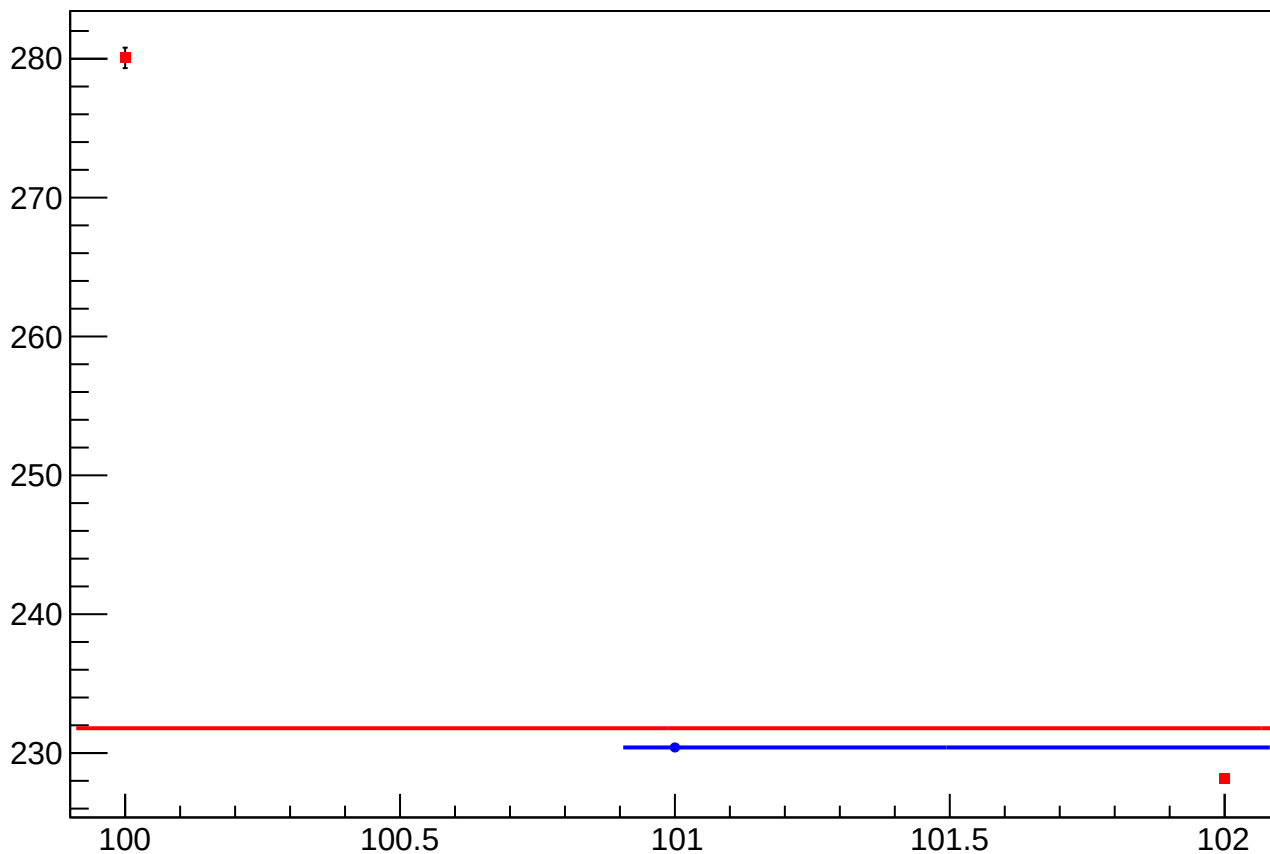
Right: 52.926 $\pm$ 197.486 χ^2 /NDF: 0.5/2

In: 111.897 $\pm$ 285.306 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 52.926 $\pm$ 197.486 χ^2 /NDF: 0.5/2

asym_sam_37_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 230.404+/-0.202 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 231.788+/-0.193 χ^2/NDF : 4621.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

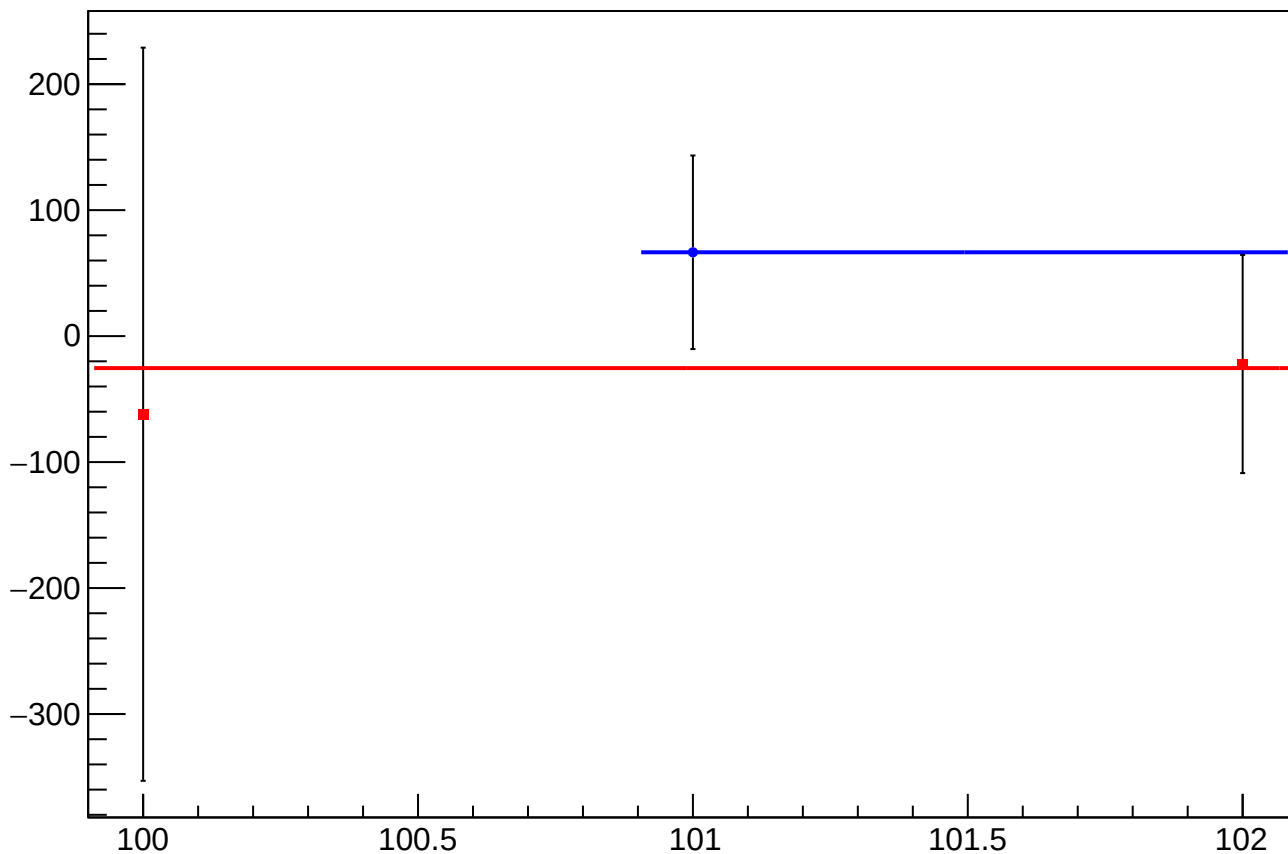
Right: 231.124+/-0.140 χ^2/NDF : 4646.5/2

In: 230.404+/-0.202 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 231.124+/-0.140 χ^2/NDF : 4646.5/2

eigen_cor_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 66.542+/-76.846 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.392+/-83.011 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

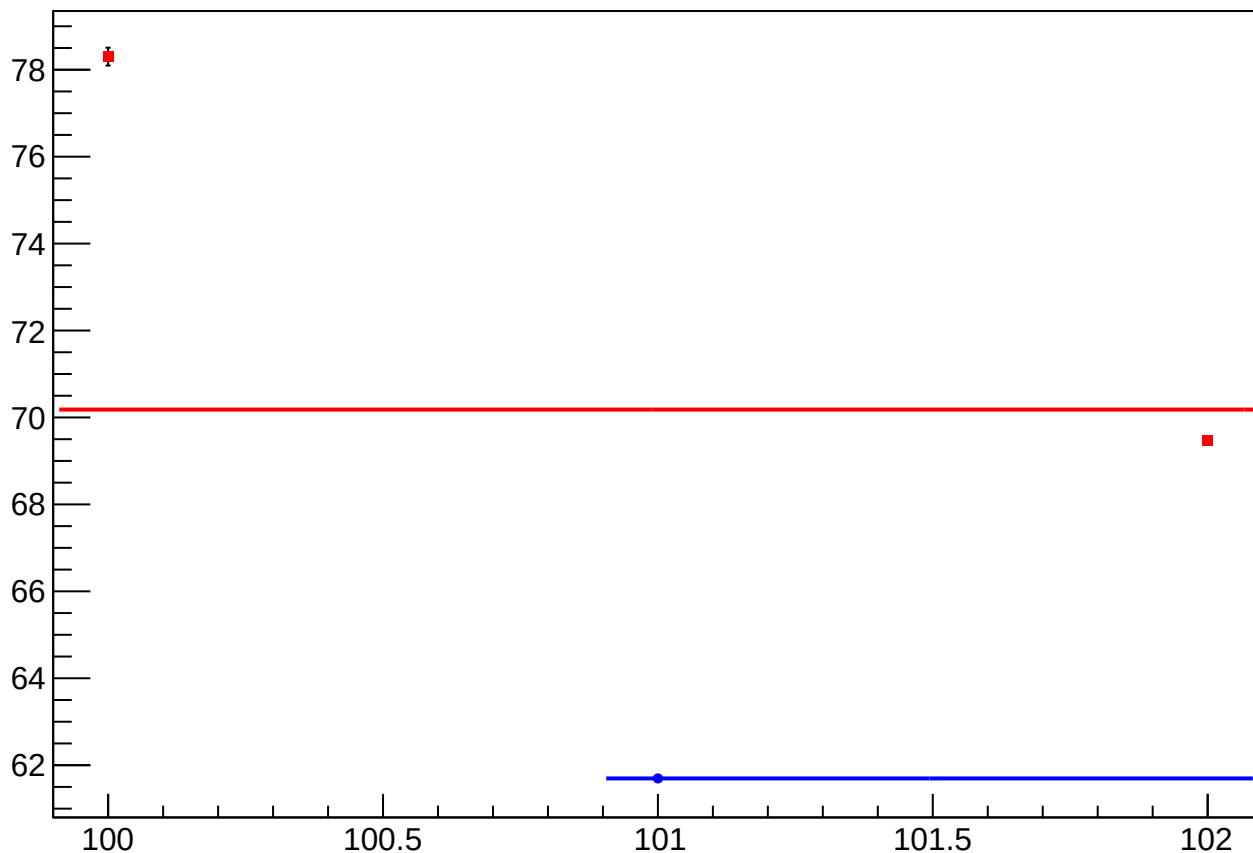
Right: 24.115+/-56.392 χ^2/NDF : 0.7/2

In: 66.542+/-76.846 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.115+/-56.392 χ^2/NDF : 0.7/2

eigen_cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 61.695 $\pm$ 0.054 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 70.182 $\pm$ 0.059 χ^2 /NDF: 1695.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

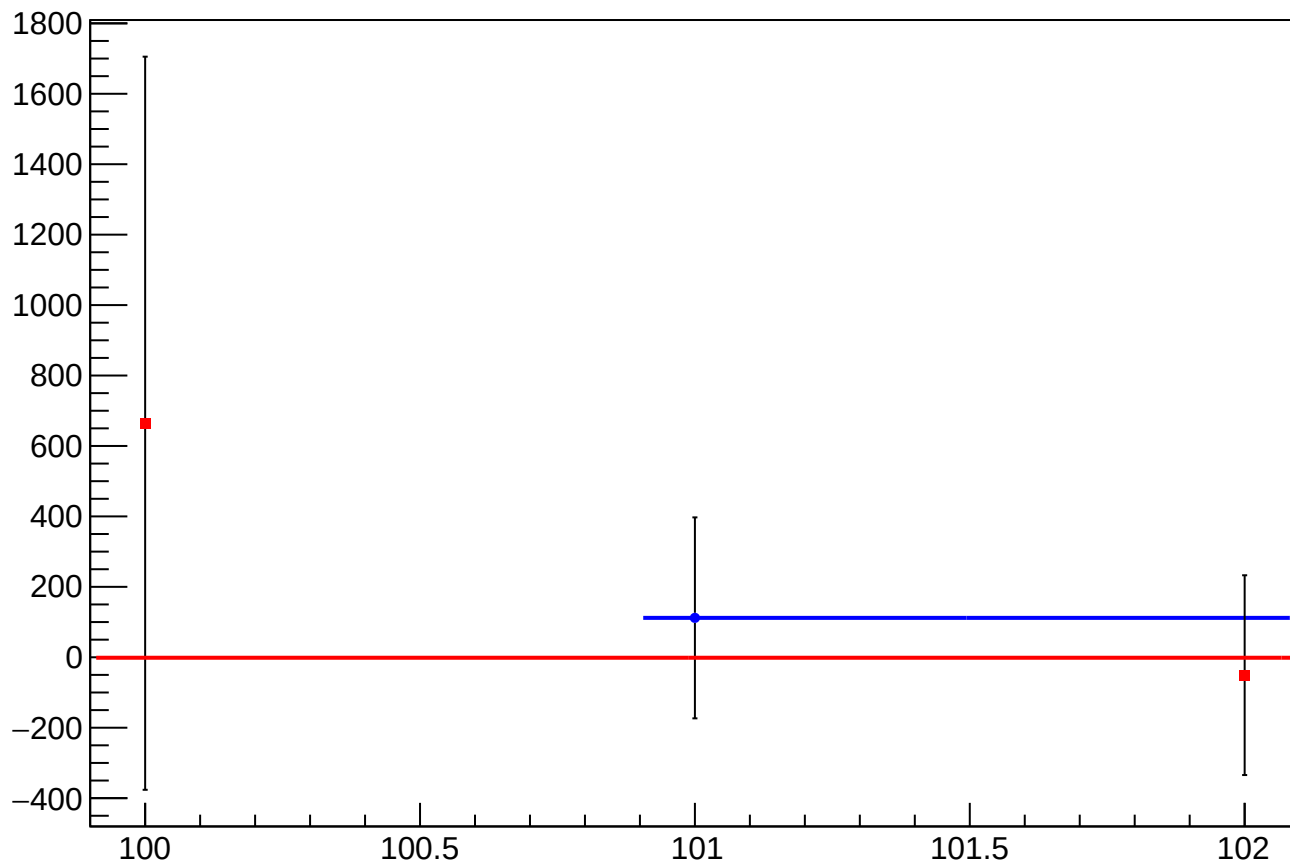
Right: 65.612 $\pm$ 0.040 χ^2 /NDF: 12952.4/2

In: 61.695 $\pm$ 0.054 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 65.612 $\pm$ 0.040 χ^2 /NDF: 12952.4/2

asym_sam_37_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 111.897+/-285.306 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.318+/-273.635 χ^2/NDF : 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

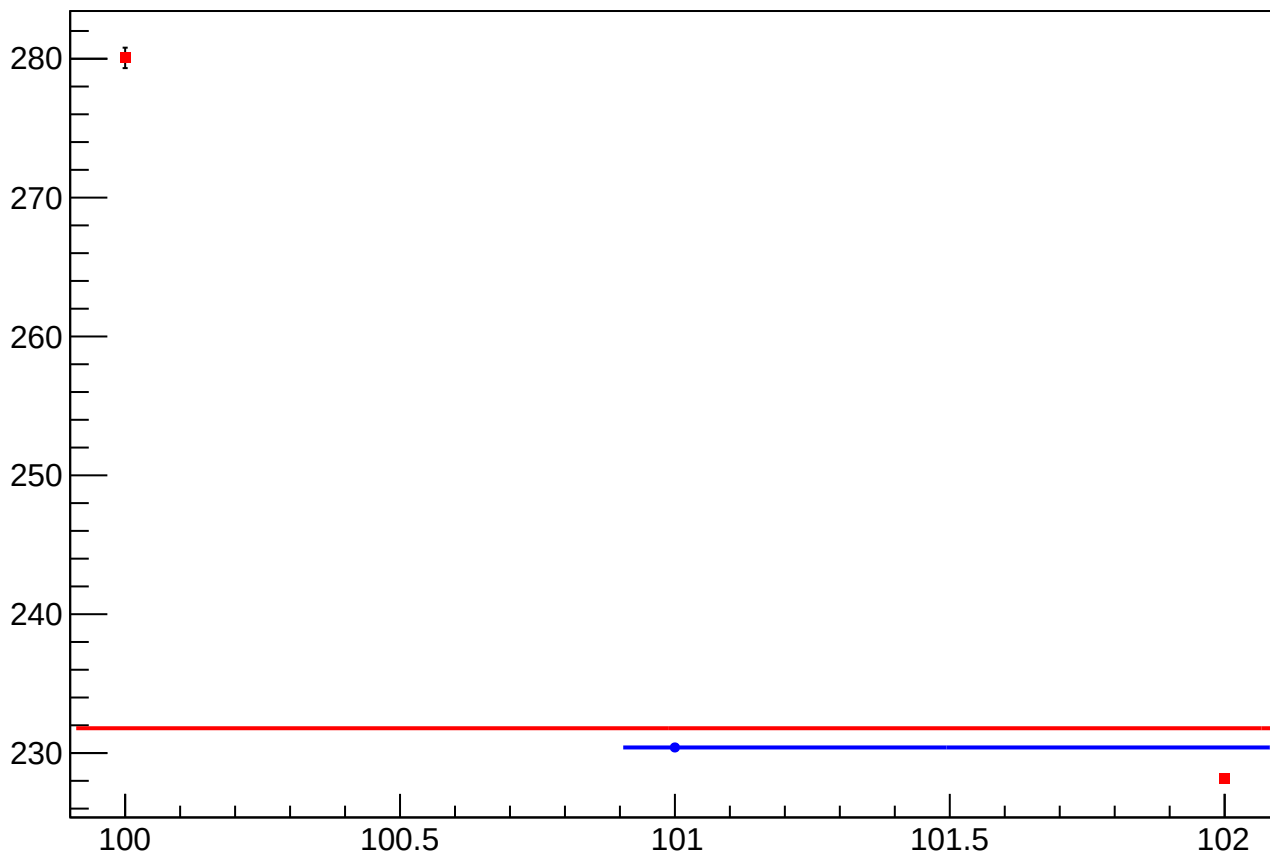
Right: 52.926+/-197.486 χ^2/NDF : 0.5/2

In: 111.897+/-285.306 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.926+/-197.486 χ^2/NDF : 0.5/2

asym_sam_37_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 230.404 $\pm$ 0.202 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 231.788 $\pm$ 0.193 χ^2 /NDF: 4621.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

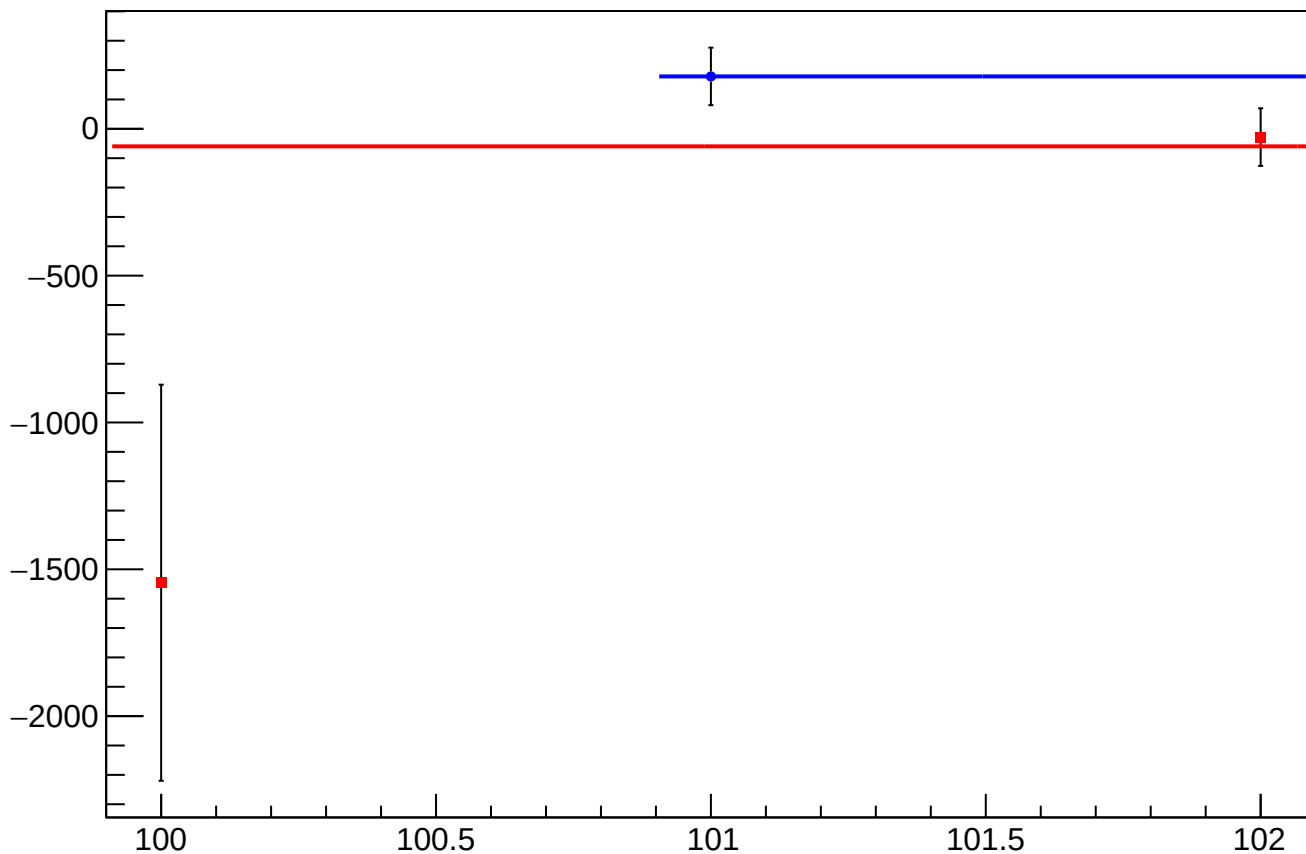
Right: 231.124 $\pm$ 0.140 χ^2 /NDF: 4646.5/2

In: 230.404 $\pm$ 0.202 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 231.124 $\pm$ 0.140 χ^2 /NDF: 4646.5/2

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 178.440+/-97.907 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -59.677+/-97.107 χ^2/NDF : 5.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

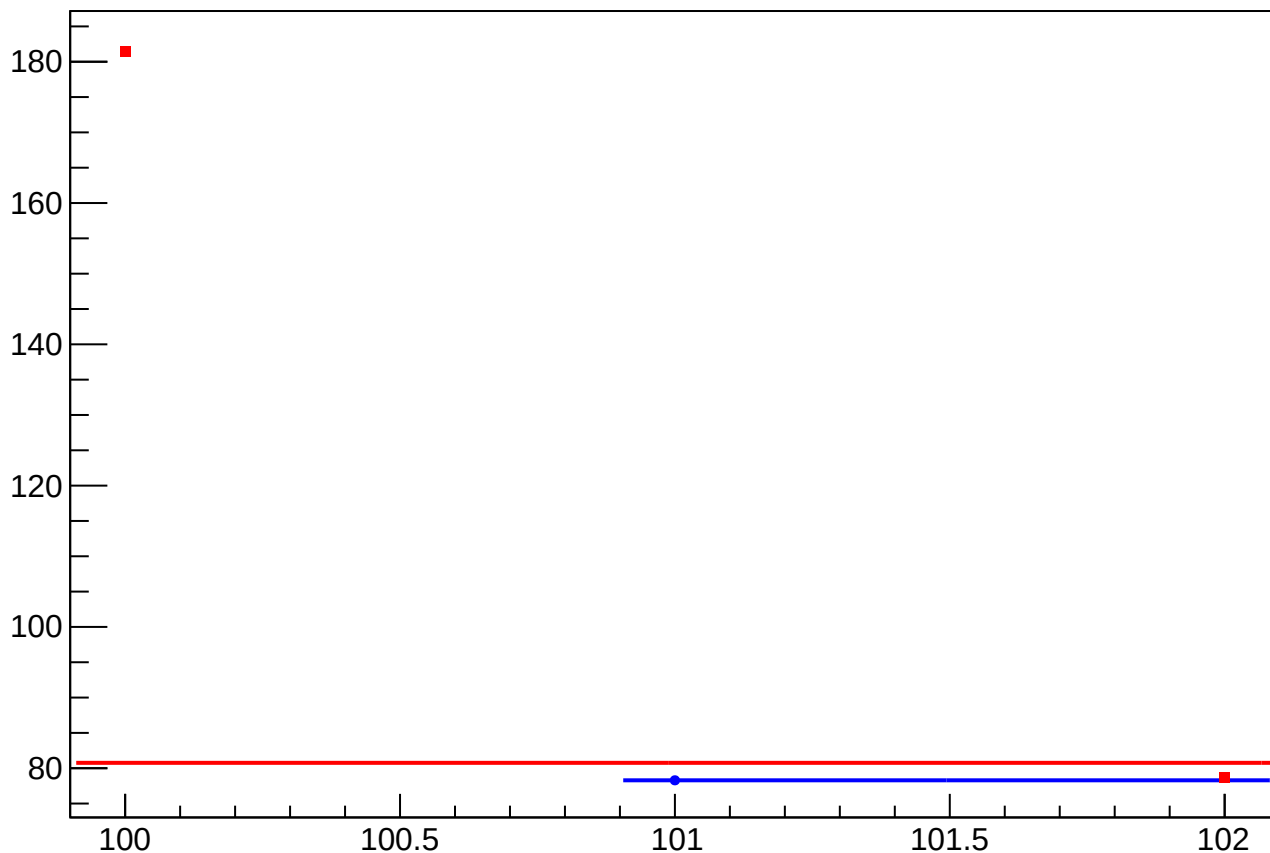
Right: 58.406+/-68.946 χ^2/NDF : 7.9/2

In: 178.440+/-97.907 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.406+/-68.946 χ^2/NDF : 7.9/2

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 78.288+/-0.069 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.762+/-0.069 χ^2/NDF : 45580.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

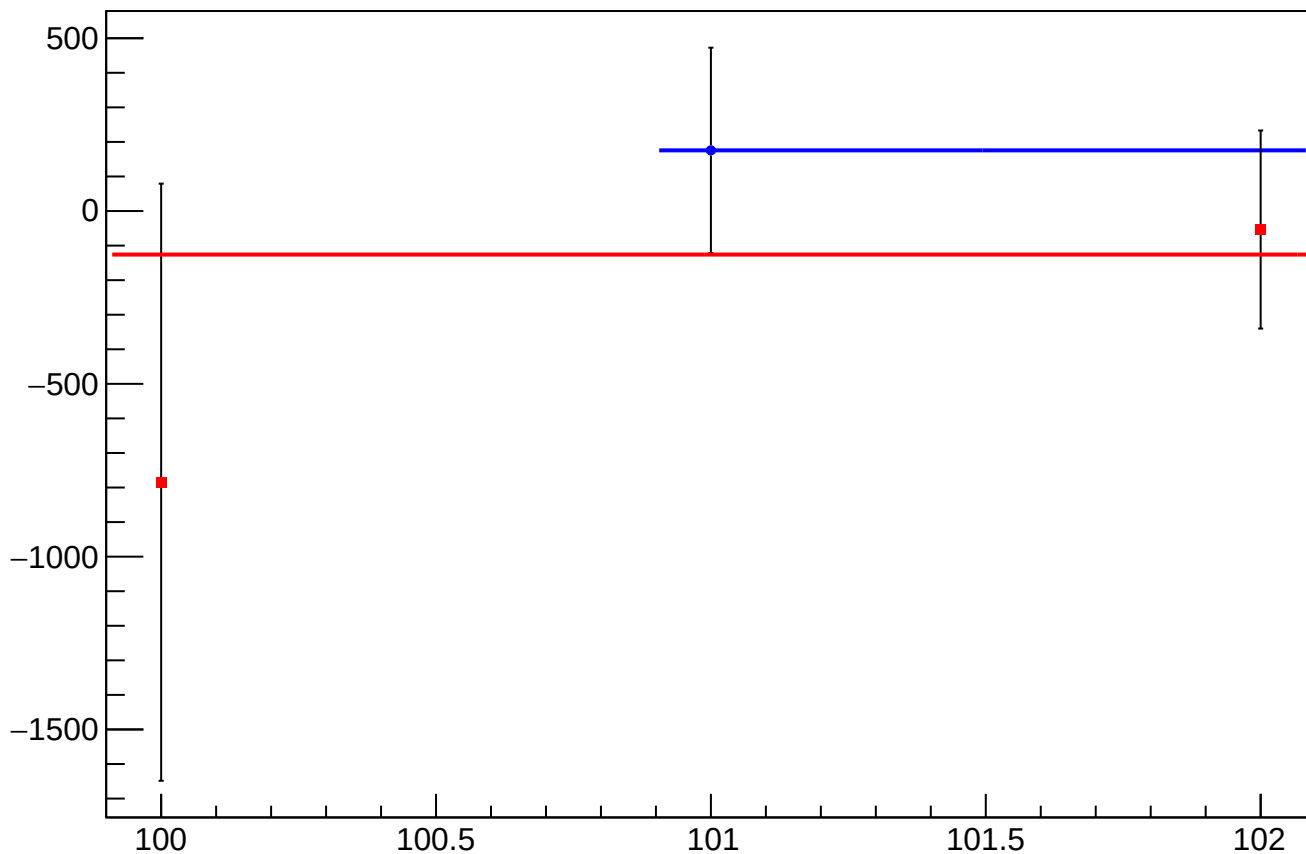
Right: 79.535+/-0.049 χ^2/NDF : 46223.9/2

In: 78.288+/-0.069 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.535+/-0.049 χ^2/NDF : 46223.9/2

asym_sam_37_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 175.586 $\pm$ 297.106 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -125.959 $\pm$ 271.961 χ^2 /NDF: 0.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

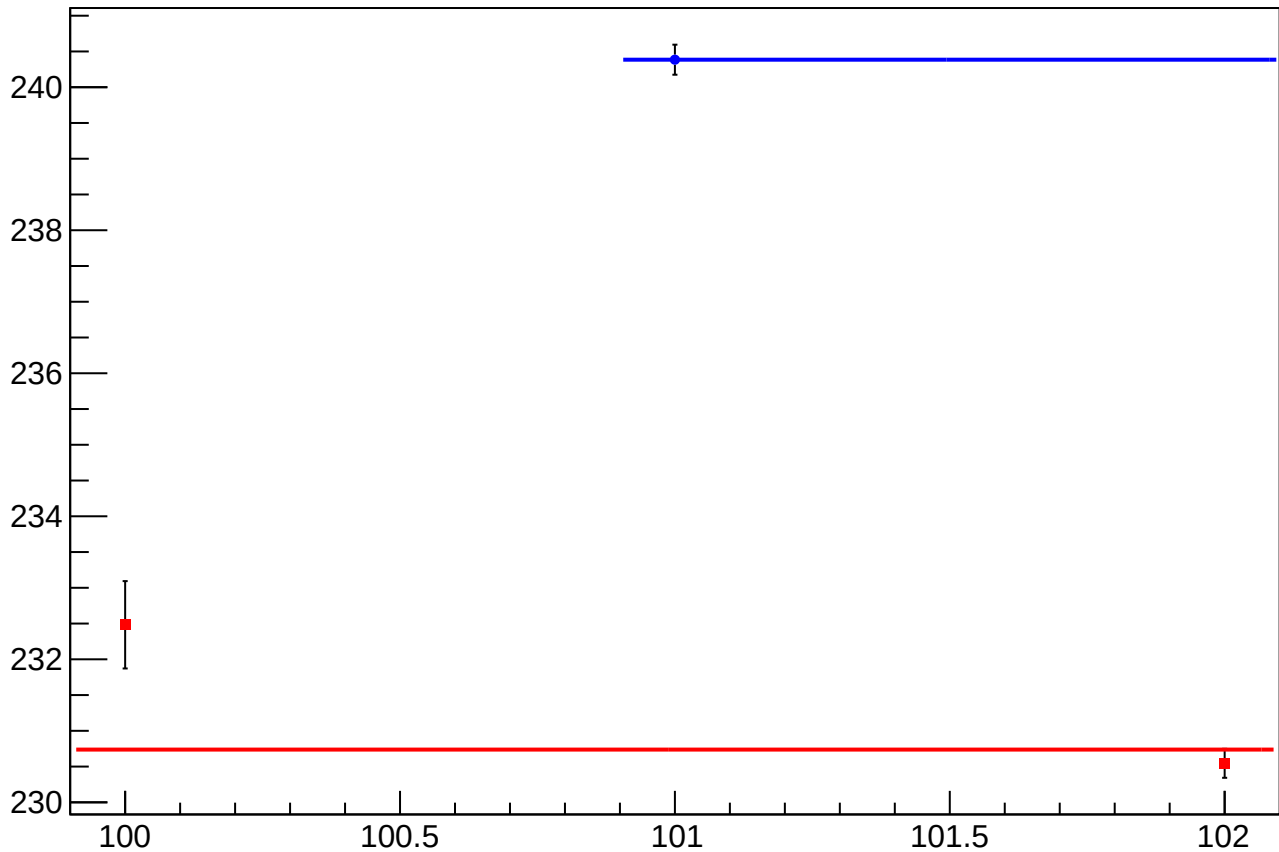
Right: 11.515 $\pm$ 200.607 χ^2 /NDF: 1.2/2

In: 175.586 $\pm$ 297.106 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 11.515 $\pm$ 200.607 χ^2 /NDF: 1.2/2

asym_sam_37_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 240.385 $\pm$ 0.210 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 230.738 $\pm$ 0.192 χ^2 /NDF: 9.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

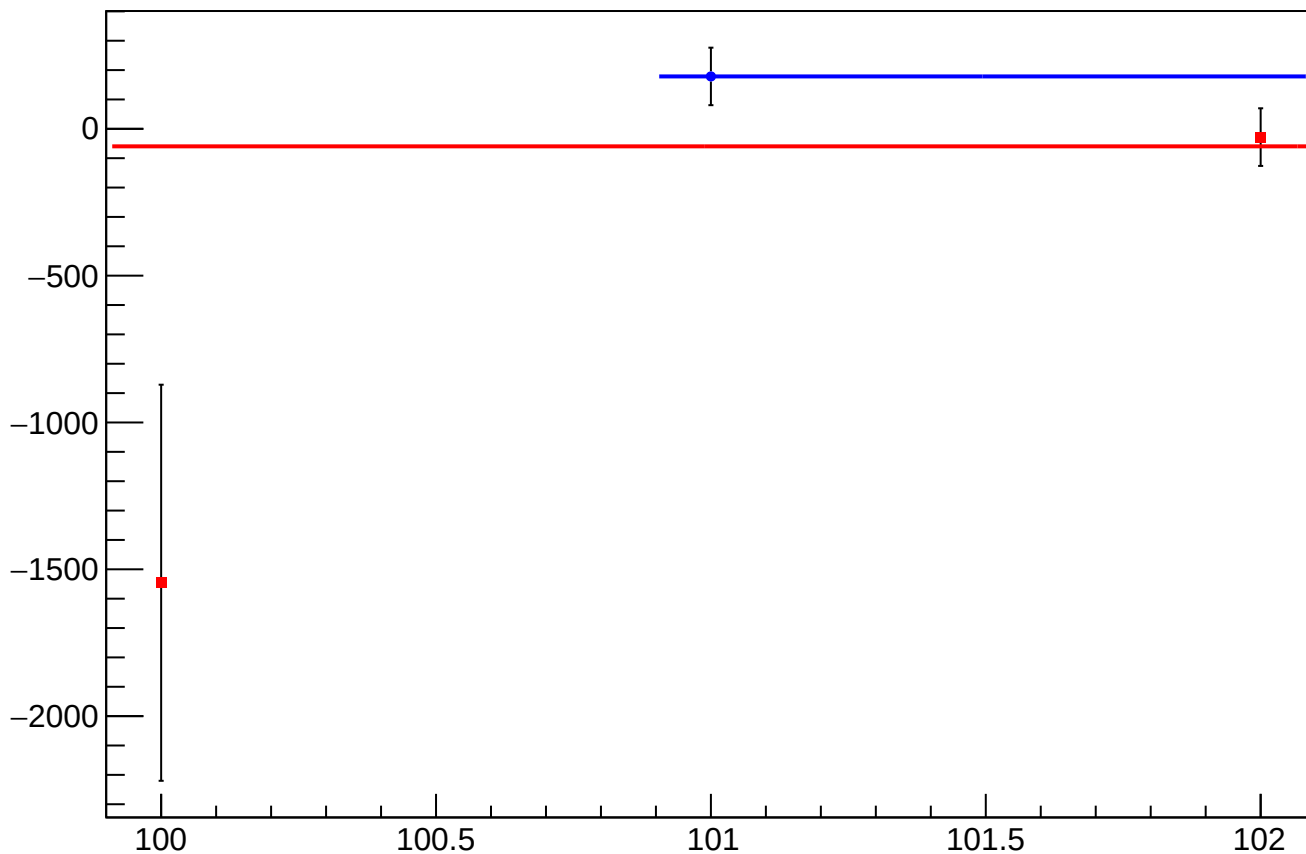
Right: 235.136 $\pm$ 0.142 χ^2 /NDF: 1156.4/2

In: 240.385 $\pm$ 0.210 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 235.136 $\pm$ 0.142 χ^2 /NDF: 1156.4/2

eigen_dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 178.445+/-97.908 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -59.677+/-97.108 χ^2/NDF : 5.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

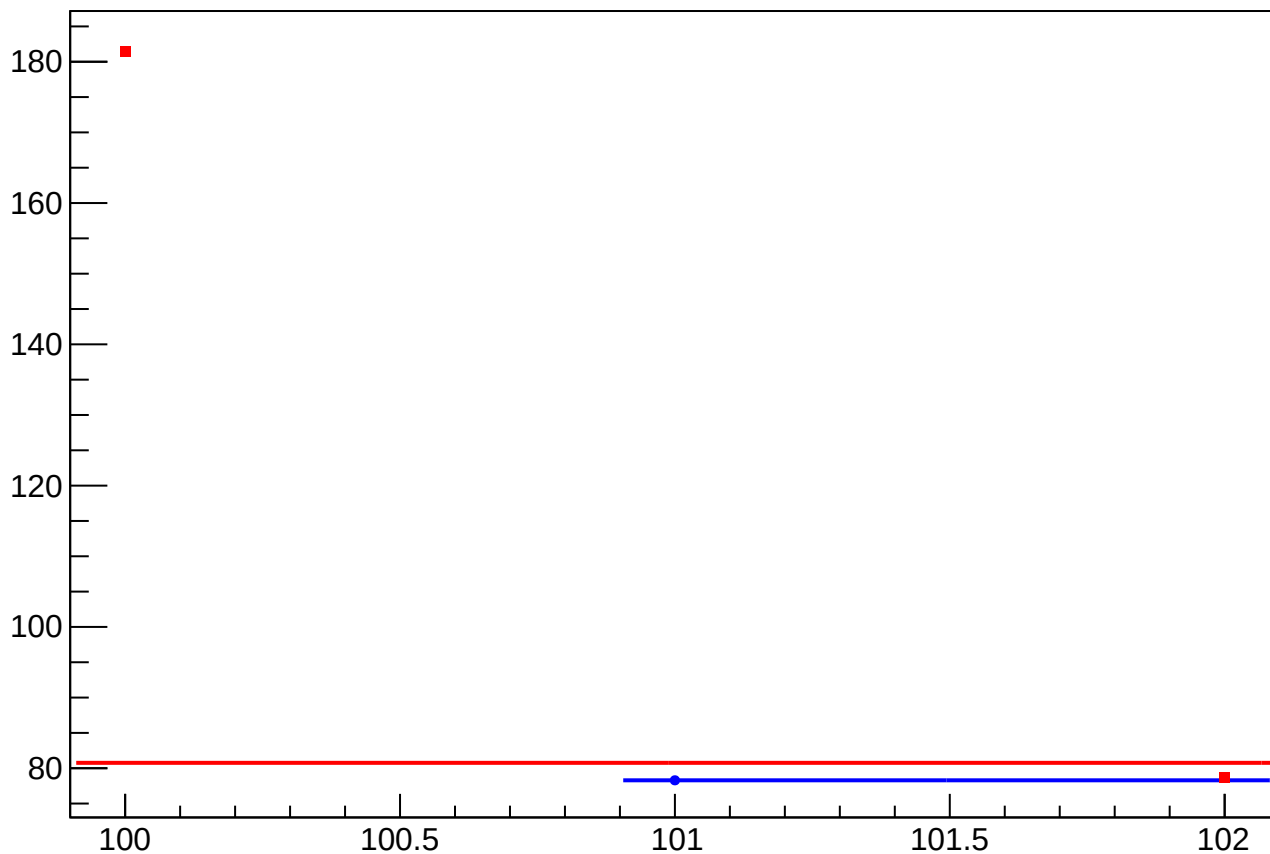
Right: 58.407+/-68.947 χ^2/NDF : 7.9/2

In: 178.445+/-97.908 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.407+/-68.947 χ^2/NDF : 7.9/2

eigen_dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 78.289 $\pm$ 0.069 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 80.762 $\pm$ 0.069 χ^2 /NDF: 45580.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

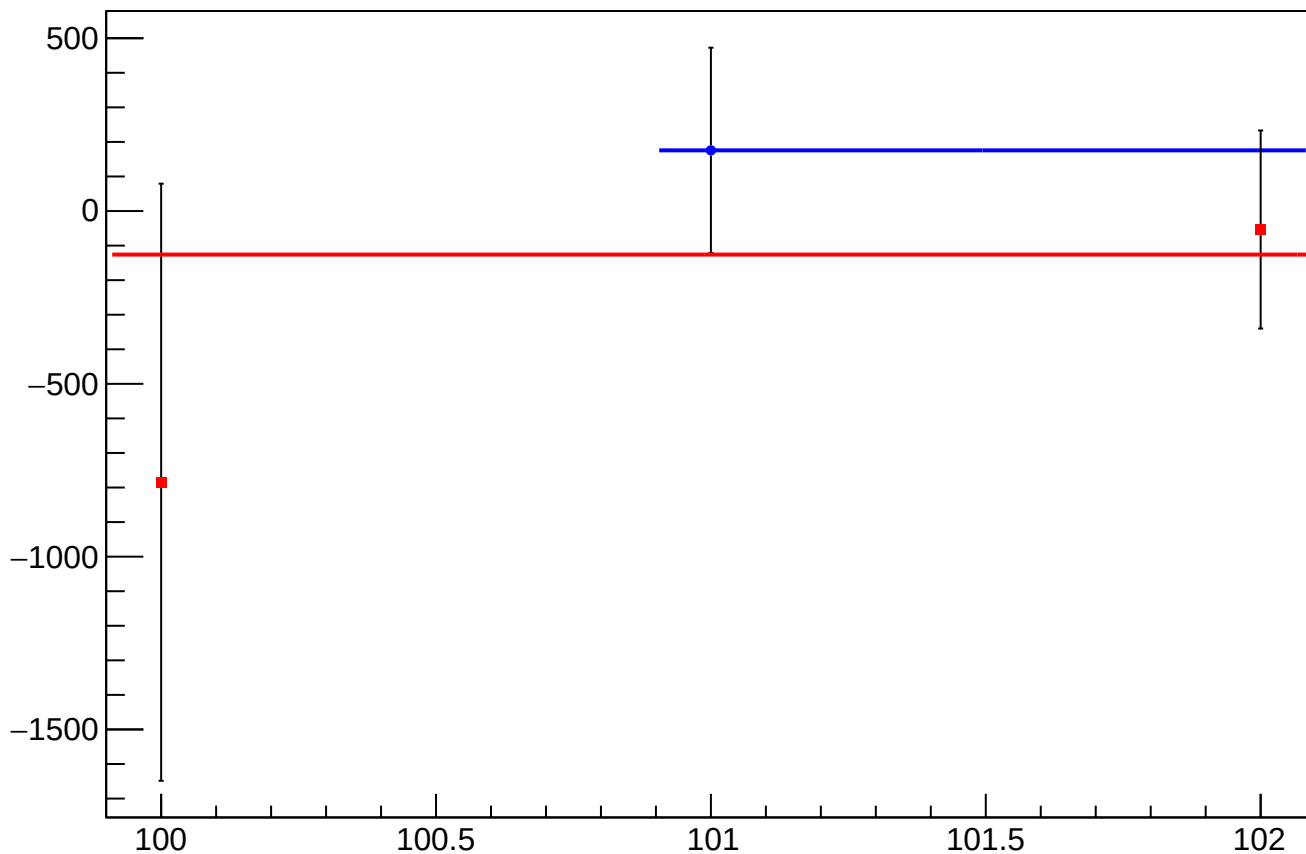
Right: 79.536 $\pm$ 0.049 χ^2 /NDF: 46224.1/2

In: 78.289 $\pm$ 0.069 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 79.536 $\pm$ 0.049 χ^2 /NDF: 46224.1/2

asym_sam_37_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 175.588 $\pm$ 297.107 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -125.960 $\pm$ 271.961 χ^2 /NDF: 0.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

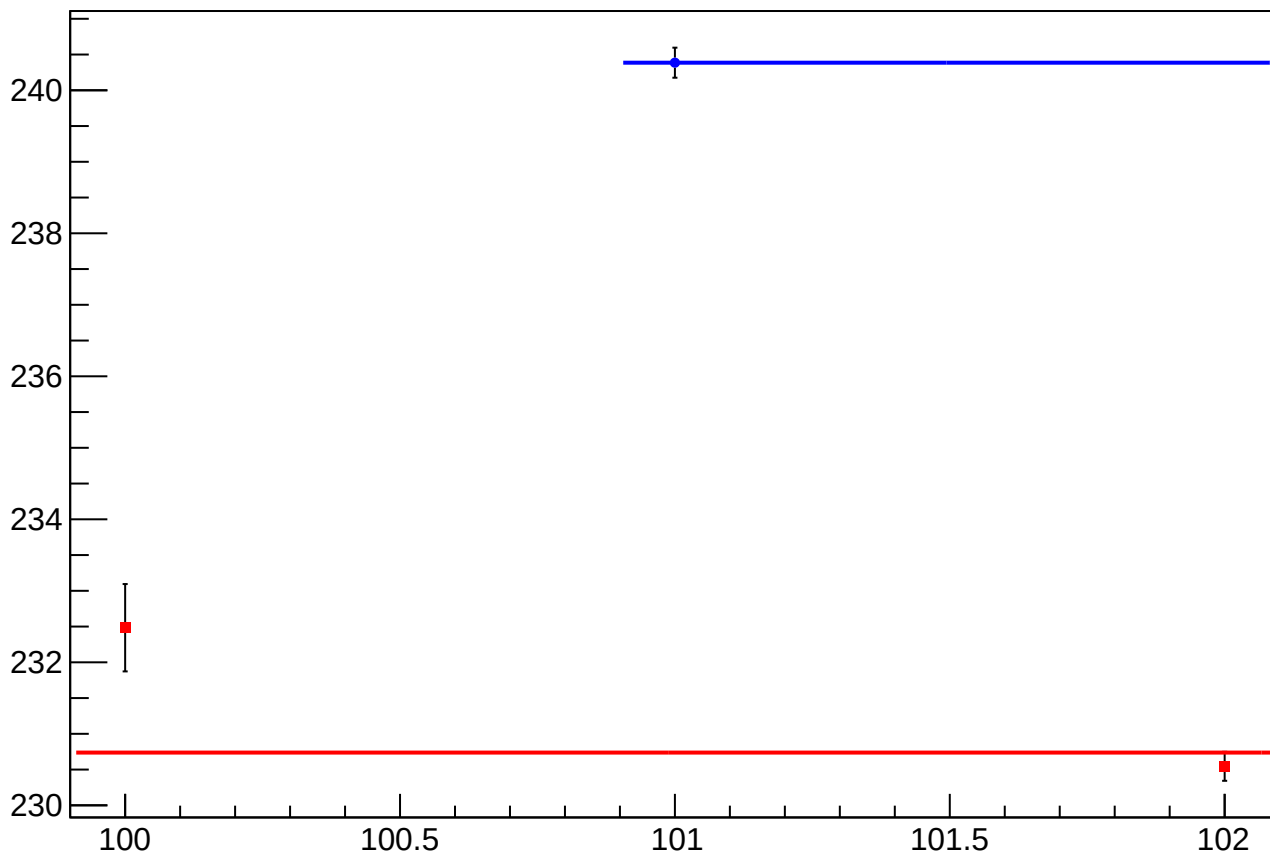
Right: 11.515 $\pm$ 200.608 χ^2 /NDF: 1.2/2

In: 175.588 $\pm$ 297.107 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 11.515 $\pm$ 200.608 χ^2 /NDF: 1.2/2

asym_sam_37_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 240.386 $\pm$ 0.210 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 230.738 $\pm$ 0.192 χ^2/NDF : 9.1/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

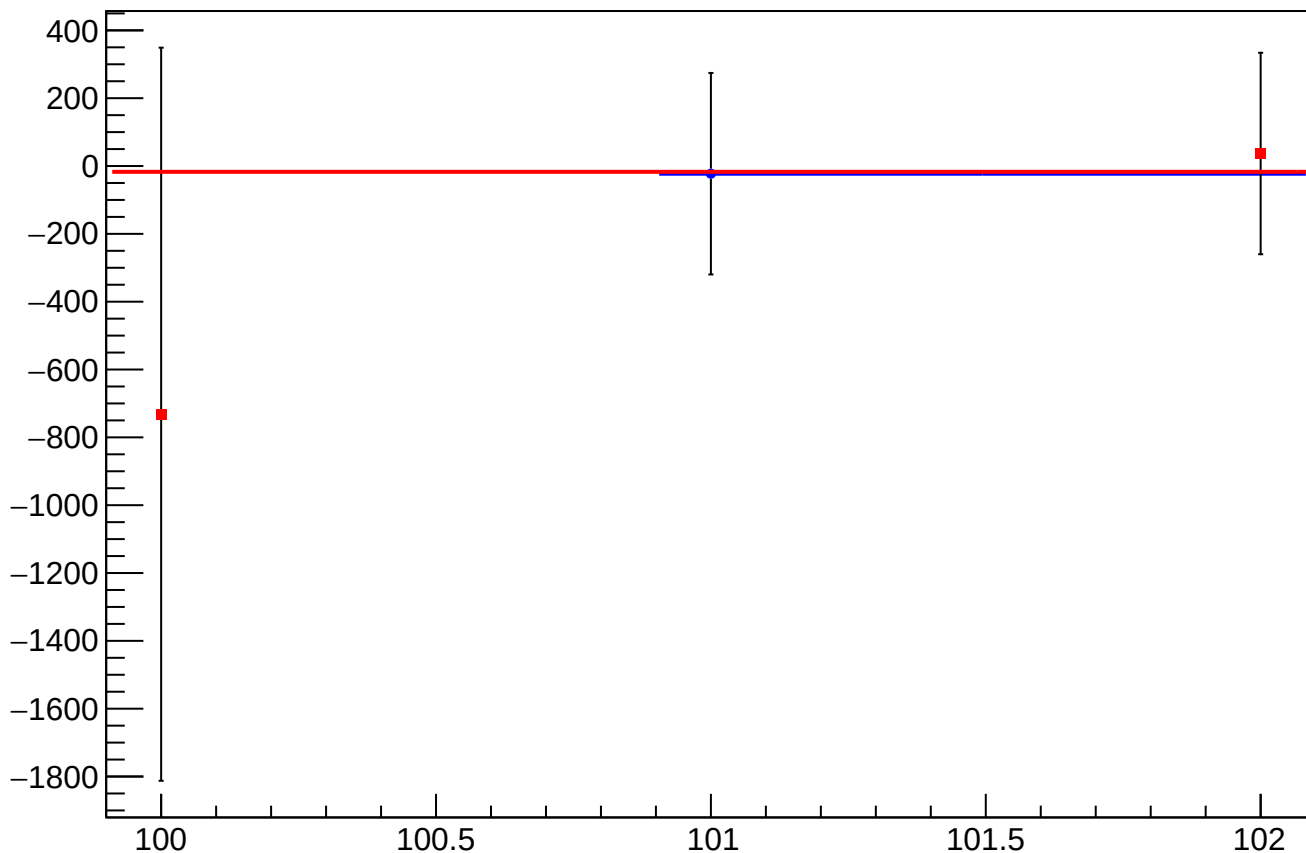
Right: 235.136 $\pm$ 0.142 χ^2/NDF : 1156.6/2

In: 240.386 $\pm$ 0.210 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 235.136 $\pm$ 0.142 χ^2/NDF : 1156.6/2

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: -22.668 ± 297.097 χ^2/NDF : 0.0/0

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -17.080 ± 286.442 χ^2/NDF : 0.5/1

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

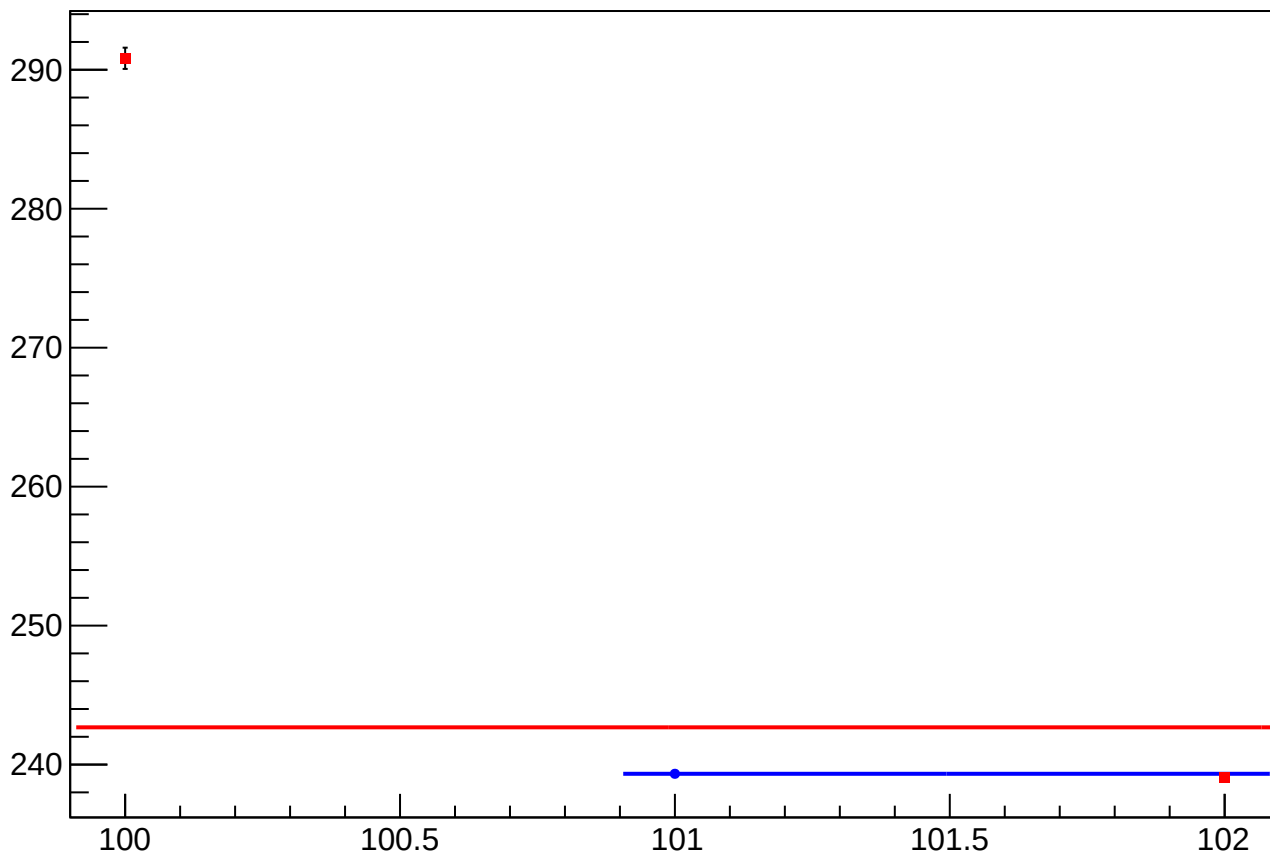
Right: -19.772 ± 206.209 χ^2/NDF : 0.5/2

In: -22.668 ± 297.097 χ^2/NDF : 0.0/0

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -19.772 ± 206.209 χ^2/NDF : 0.5/2

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 239.337 $\pm$ 0.210 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 242.680 $\pm$ 0.203 χ^2 /NDF: 4268.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

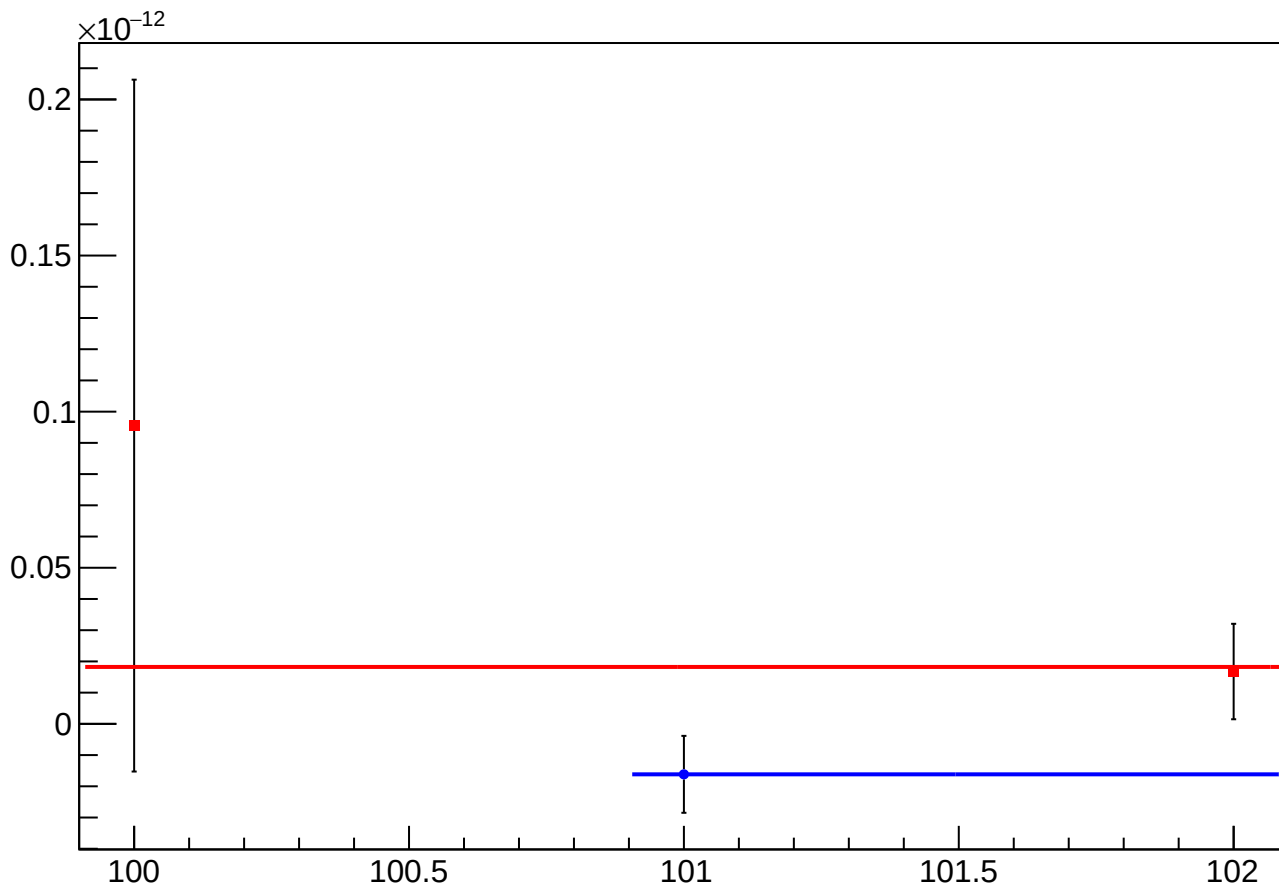
Right: 241.070 $\pm$ 0.146 χ^2 /NDF: 4399.7/2

In: 239.337 $\pm$ 0.210 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 241.070 $\pm$ 0.146 χ^2 /NDF: 4399.7/2

asym_sam_37_48_dd_reg_vs_cor_diff_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 : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

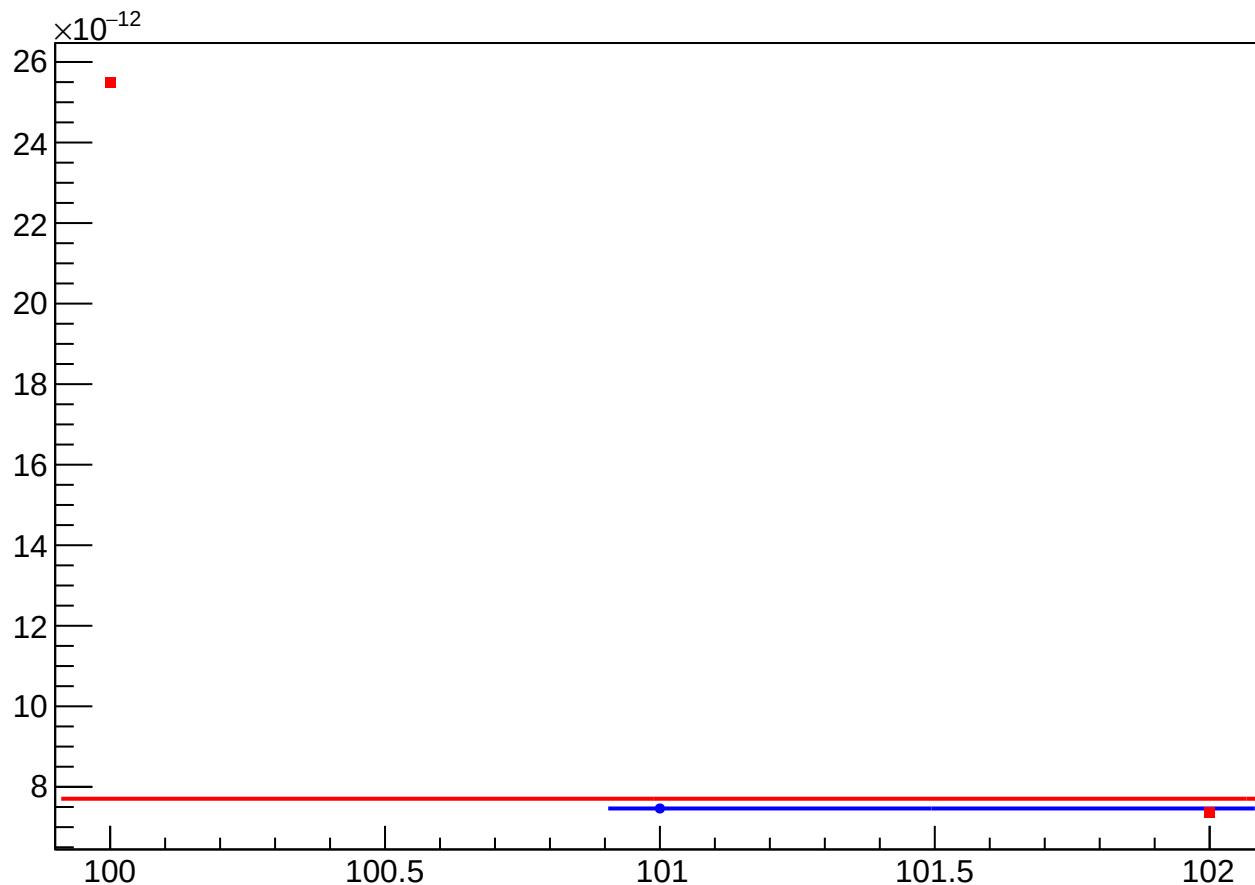
Right: -0.000+/-0.000 χ^2/NDF : 3.6/2

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 : 3.6/2

asym_sam_37_48_dd_reg_vs_cor_diff_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 : 52463.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

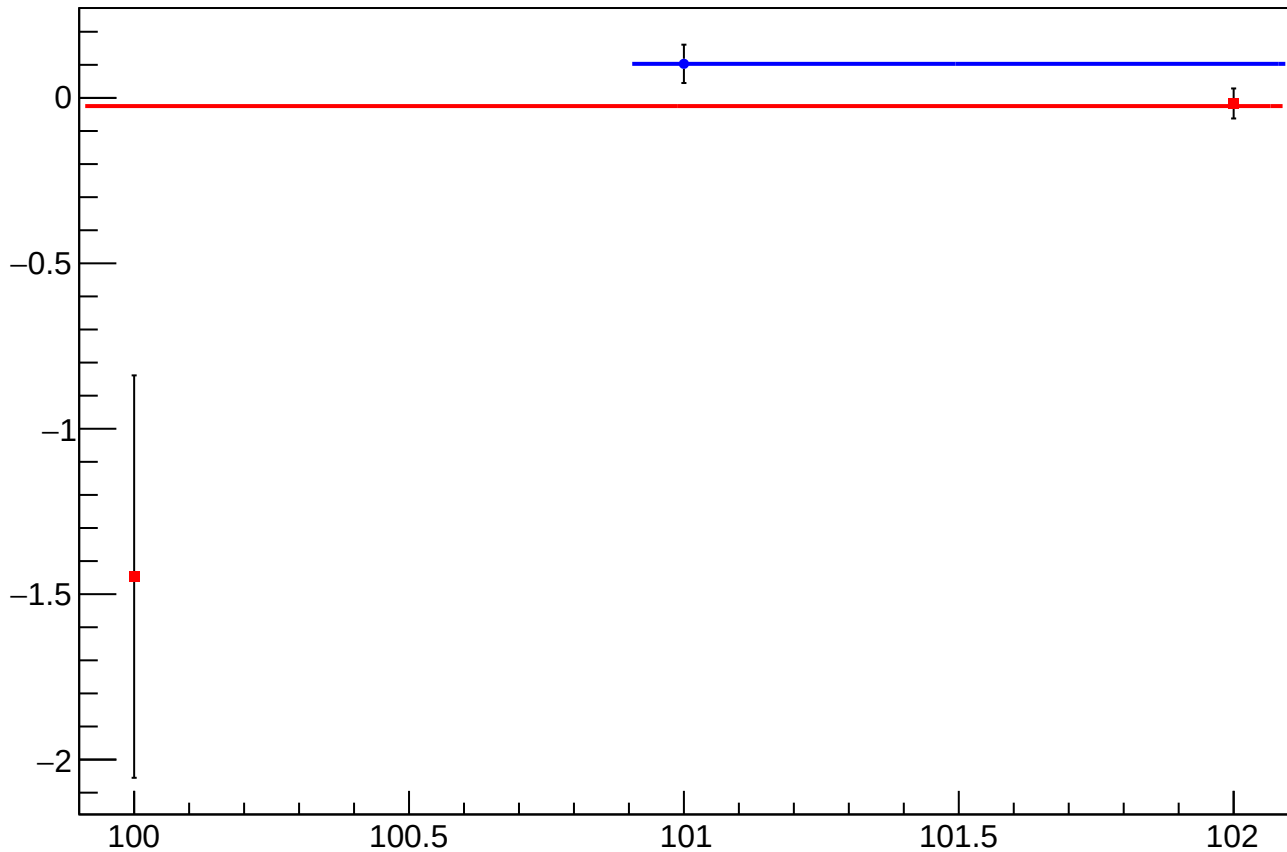
Right: 0.000+/-0.000 χ^2/NDF : 52771.0/2

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 : 52771.0/2

asym_sam_37_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.103+/-0.058 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.025+/-0.045 χ^2/NDF : 5.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

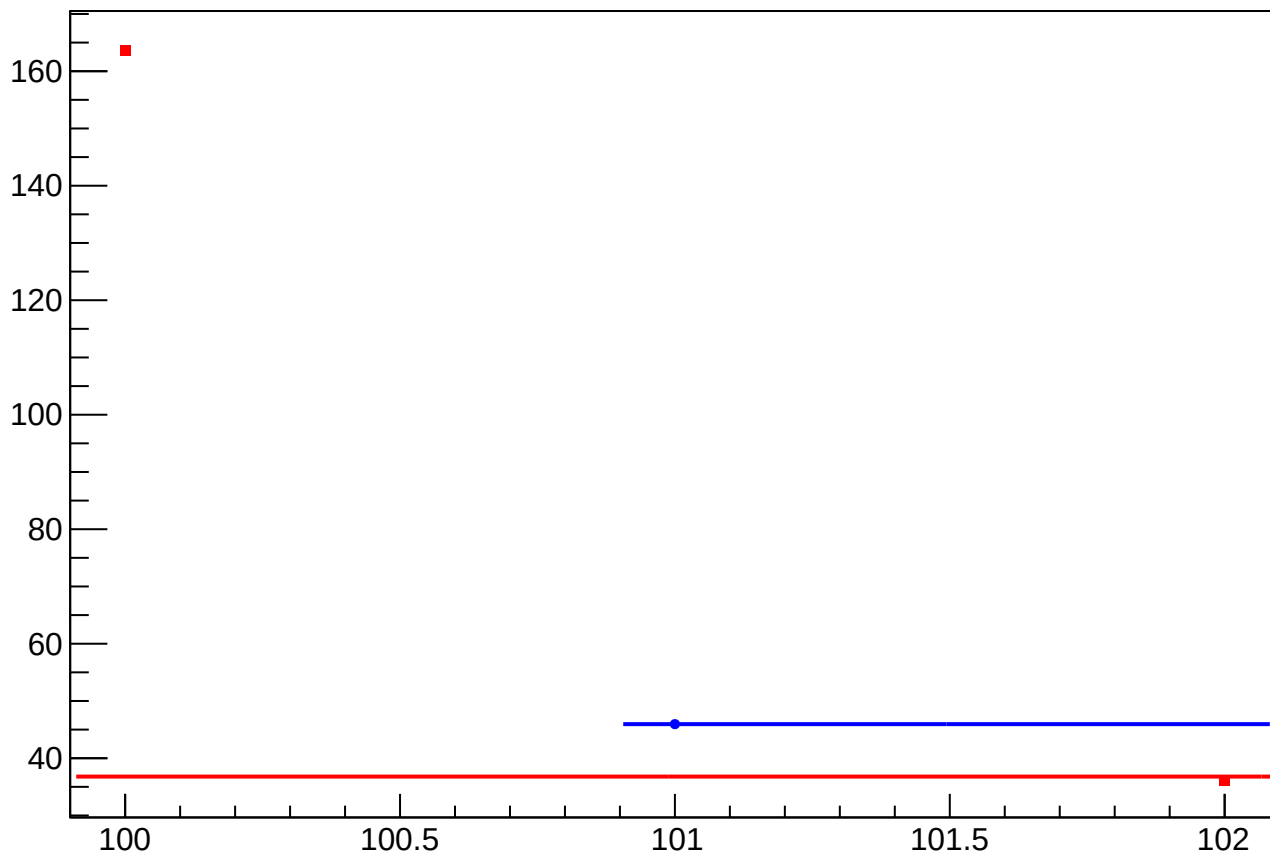
Right: 0.024+/-0.036 χ^2/NDF : 8.5/2

In: 0.103+/-0.058 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.036 χ^2/NDF : 8.5/2

asym_sam_37_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.954 $\pm$ 0.041 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 36.795 $\pm$ 0.032 χ^2 /NDF: 87538.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

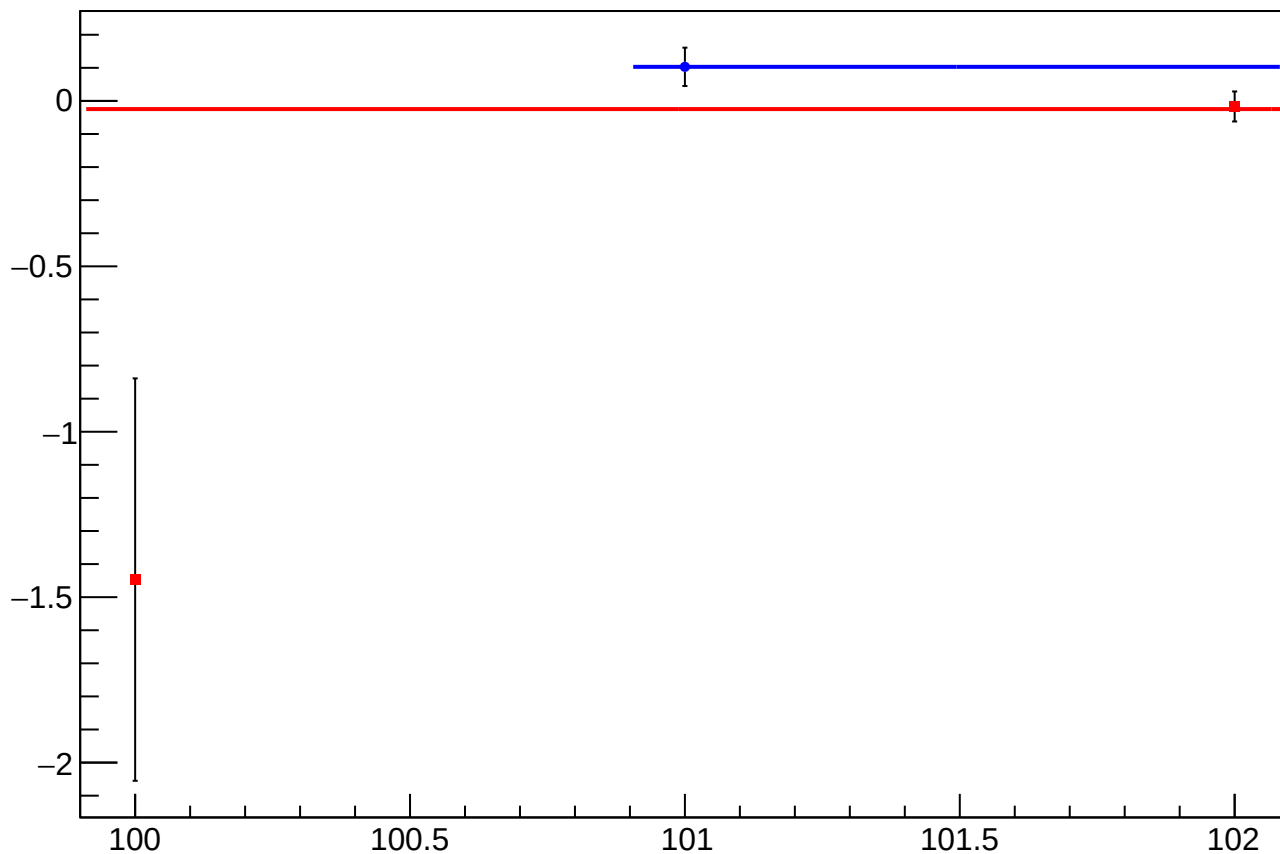
Right: 40.262 $\pm$ 0.025 χ^2 /NDF: 118584.9/2

In: 45.954 $\pm$ 0.041 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 40.262 $\pm$ 0.025 χ^2 /NDF: 118584.9/2

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.103 $\pm$ 0.058 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.025 $\pm$ 0.045 χ^2 /NDF: 5.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

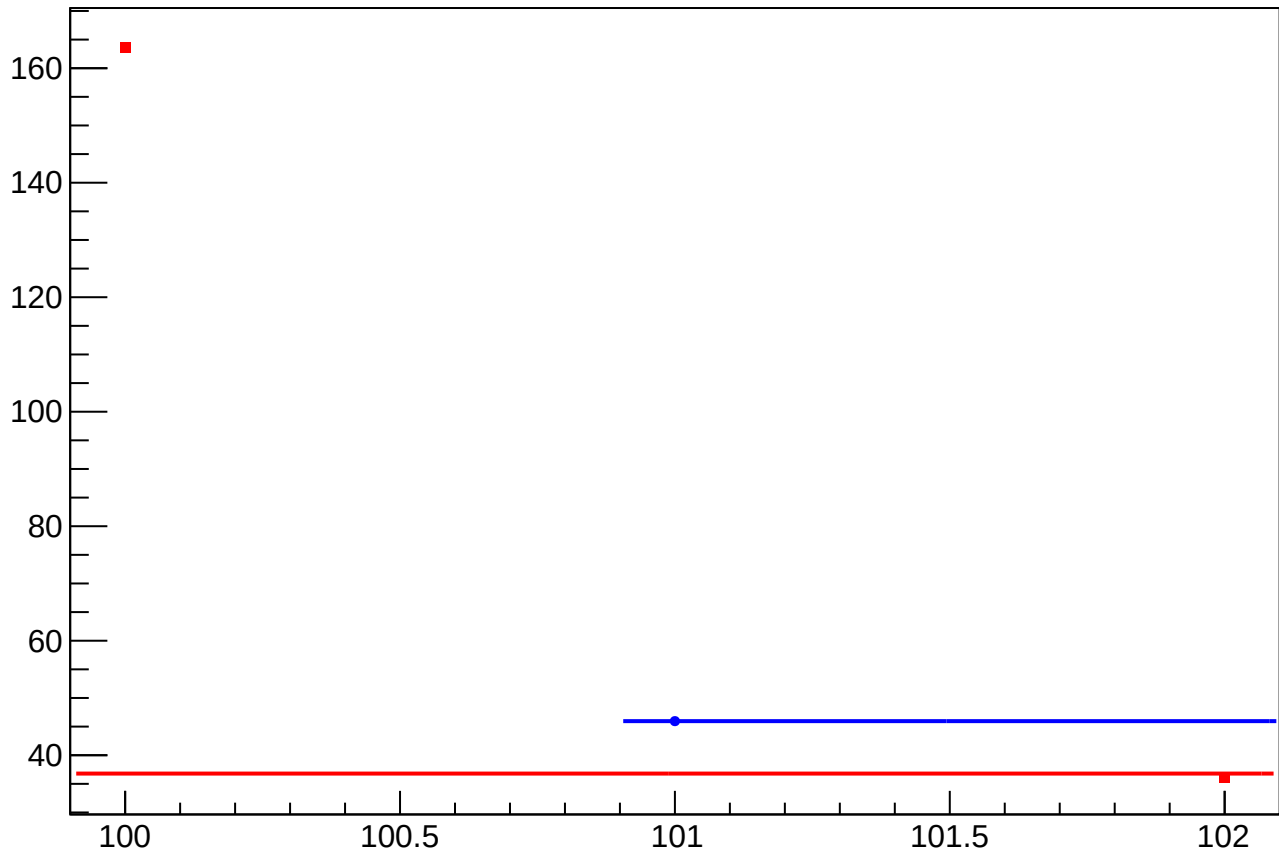
Right: 0.024 $\pm$ 0.036 χ^2 /NDF: 8.5/2

In: 0.103 $\pm$ 0.058 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.024 $\pm$ 0.036 χ^2 /NDF: 8.5/2

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.954 $\pm$ 0.041 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 36.795 $\pm$ 0.032 χ^2 /NDF: 87538.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

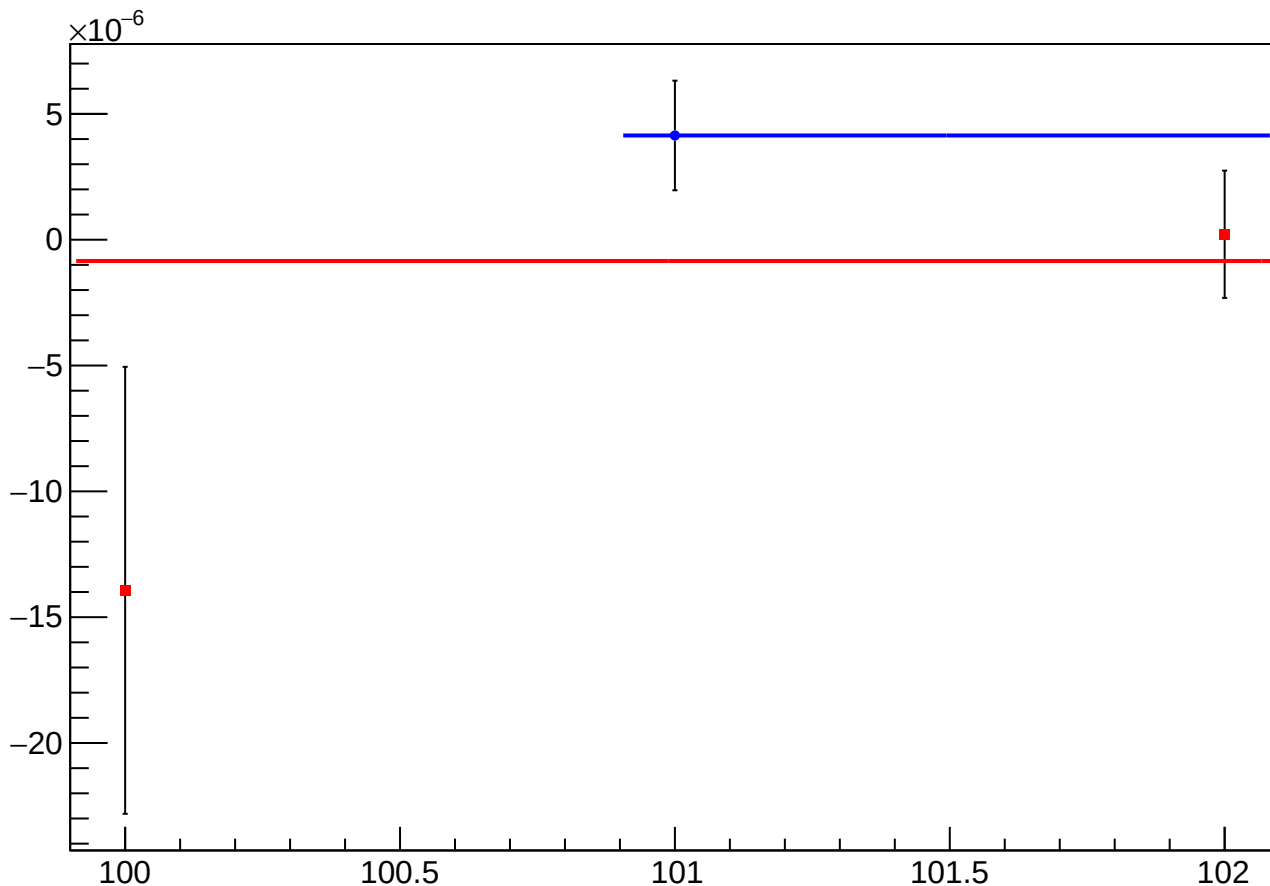
Right: 40.262 $\pm$ 0.025 χ^2 /NDF: 118584.9/2

In: 45.954 $\pm$ 0.041 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 40.262 $\pm$ 0.025 χ^2 /NDF: 118584.9/2

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_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 : 2.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

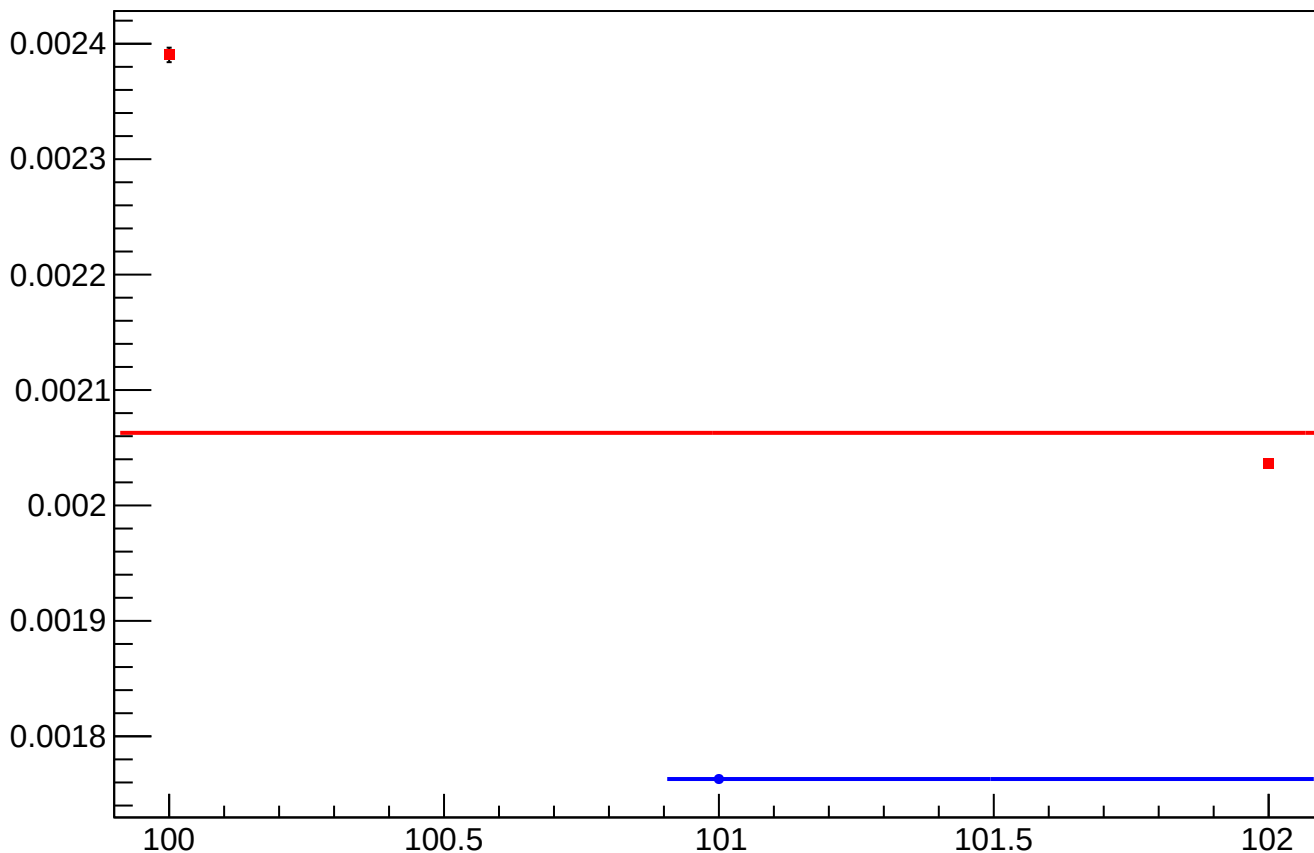
Right: 0.000+/-0.000 χ^2/NDF : 4.7/2

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 : 4.7/2

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 2939.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

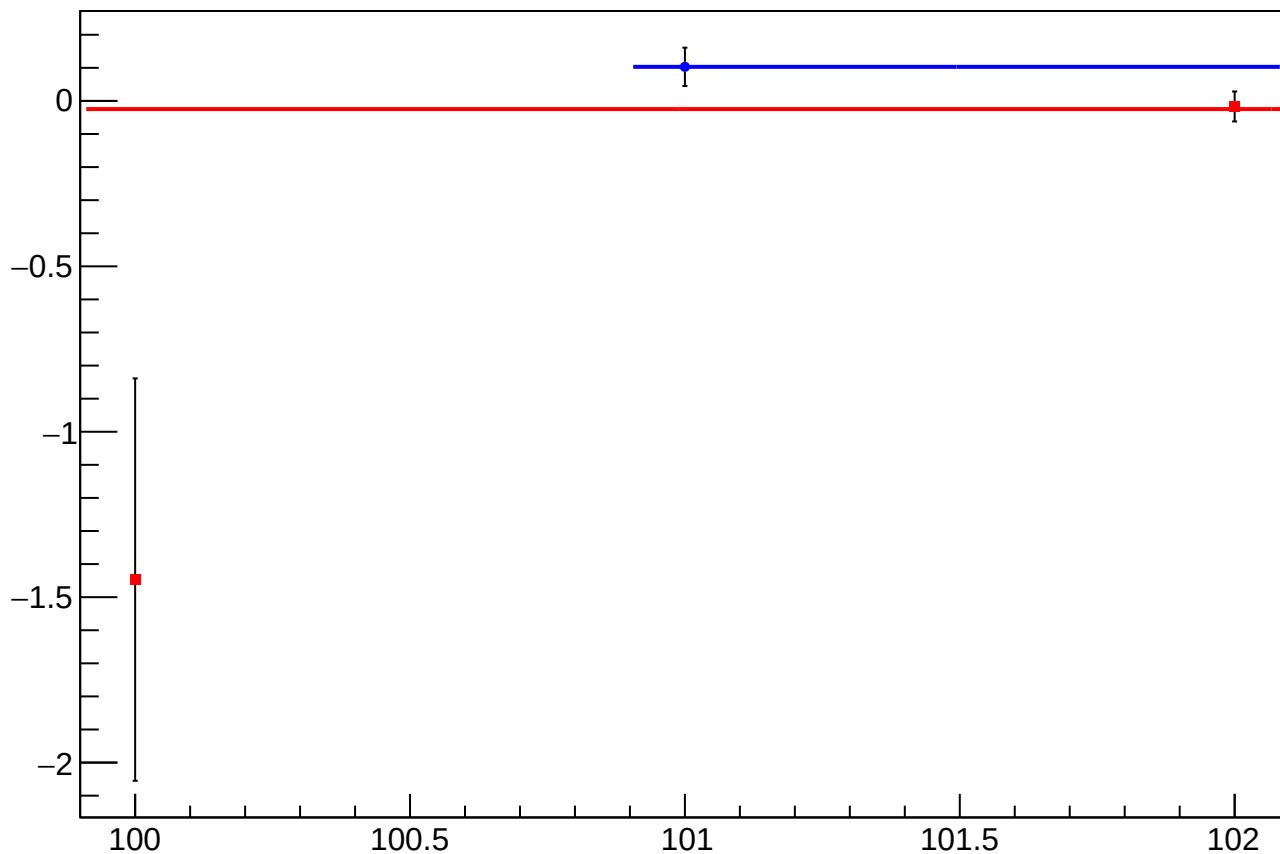
Right: 0.002 $\pm$ 0.000 χ^2 /NDF: 19818.8/2

In: 0.002 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 19818.8/2

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.103+/-0.058 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.025+/-0.045 χ^2/NDF : 5.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

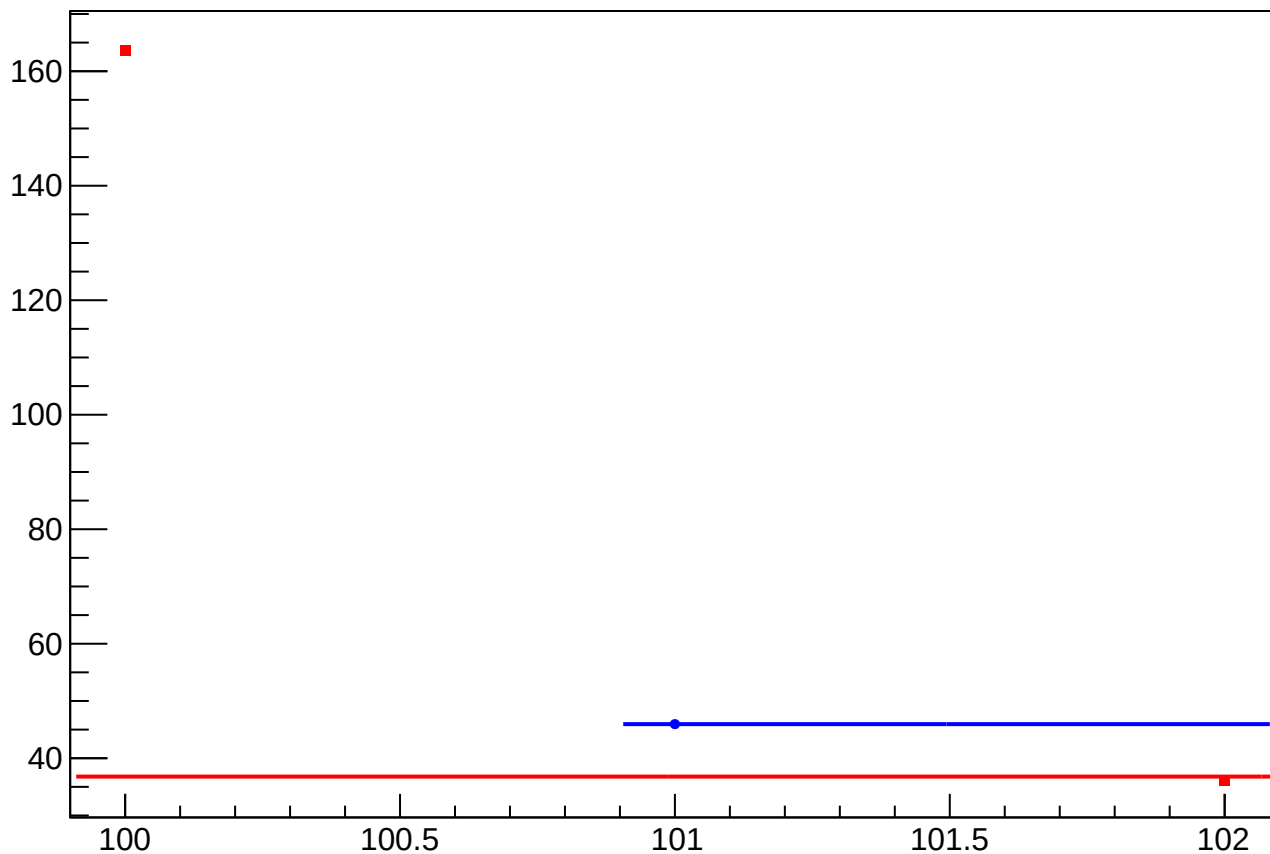
Right: 0.024+/-0.036 χ^2/NDF : 8.5/2

In: 0.103+/-0.058 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.036 χ^2/NDF : 8.5/2

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.955 $\pm$ 0.041 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 36.795 $\pm$ 0.032 χ^2 /NDF: 87538.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

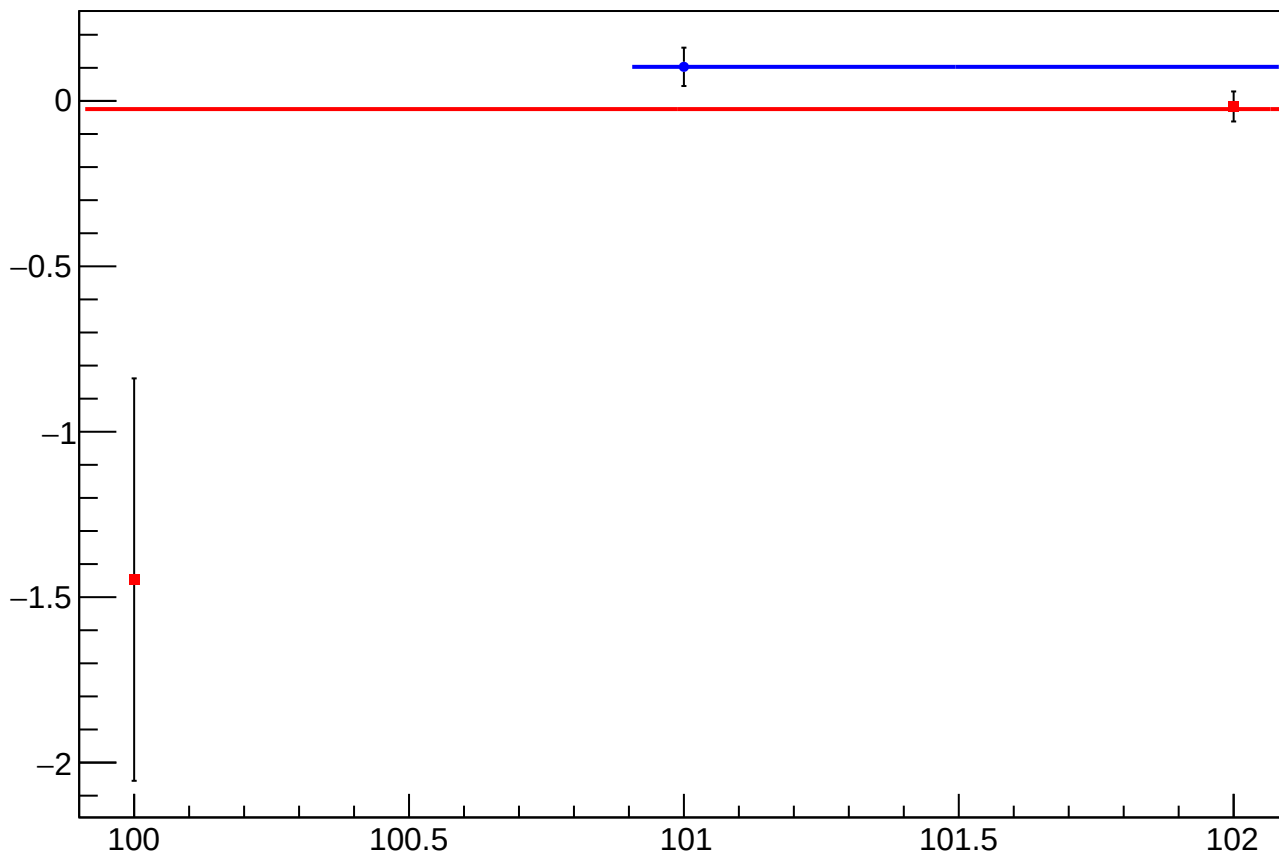
Right: 40.263 $\pm$ 0.025 χ^2 /NDF: 118584.9/2

In: 45.955 $\pm$ 0.041 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 40.263 $\pm$ 0.025 χ^2 /NDF: 118584.9/2

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.103 $\pm$ 0.058 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.025 $\pm$ 0.045 χ^2/NDF : 5.5/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

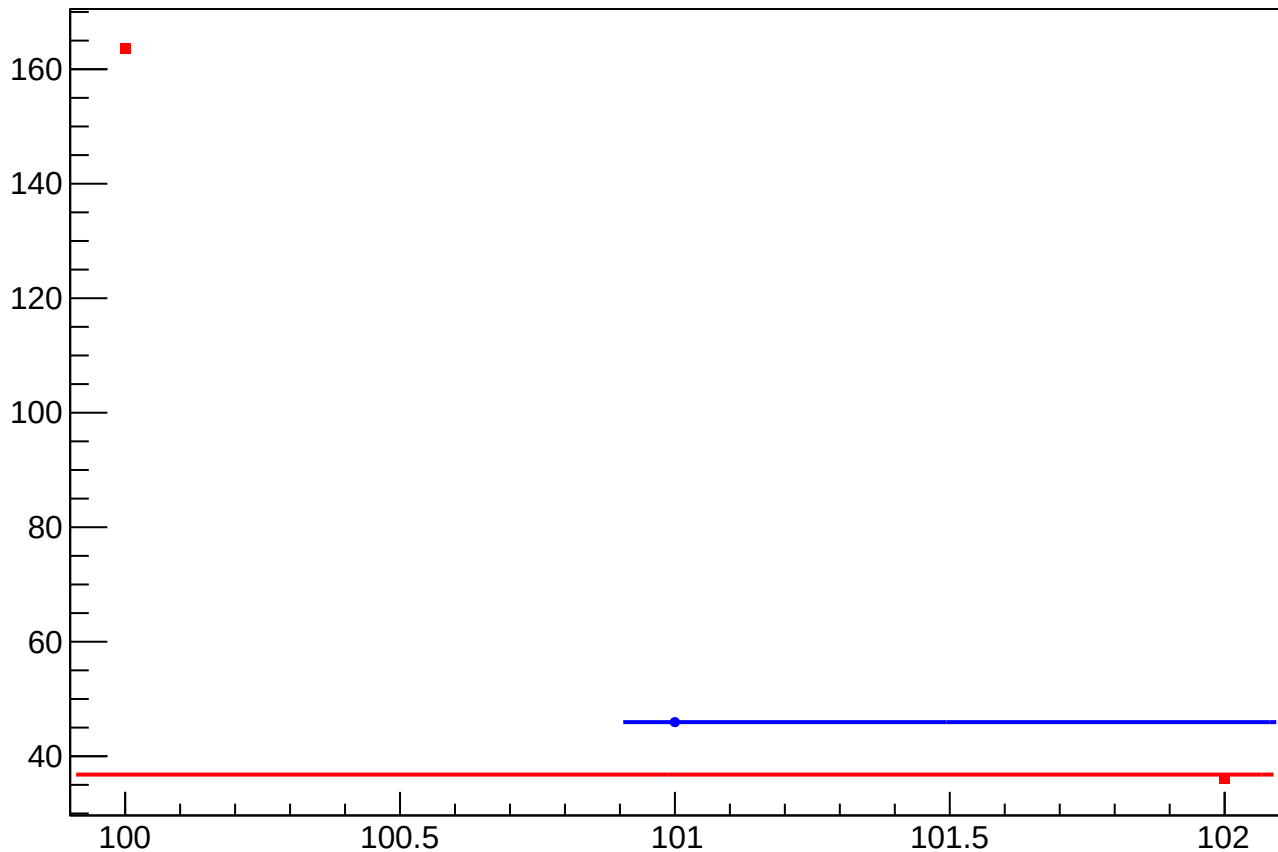
Right: 0.024 $\pm$ 0.036 χ^2/NDF : 8.5/2

In: 0.103 $\pm$ 0.058 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.024 $\pm$ 0.036 χ^2/NDF : 8.5/2

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.955 $\pm$ 0.041 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 36.795 $\pm$ 0.032 χ^2/NDF : 87538.1/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

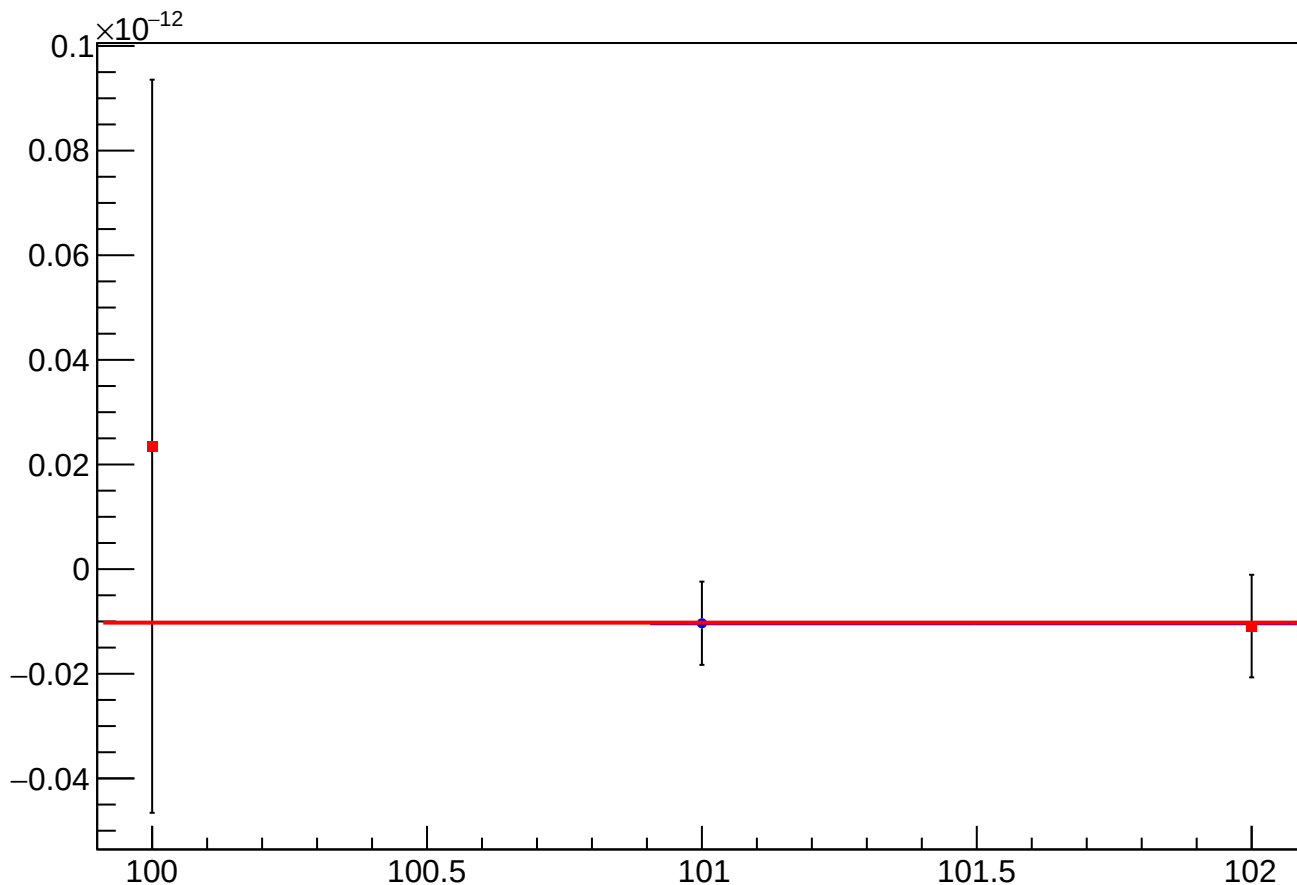
Right: 40.263 $\pm$ 0.025 χ^2/NDF : 118584.9/2

In: 45.955 $\pm$ 0.041 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 40.263 $\pm$ 0.025 χ^2/NDF : 118584.9/2

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_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 : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

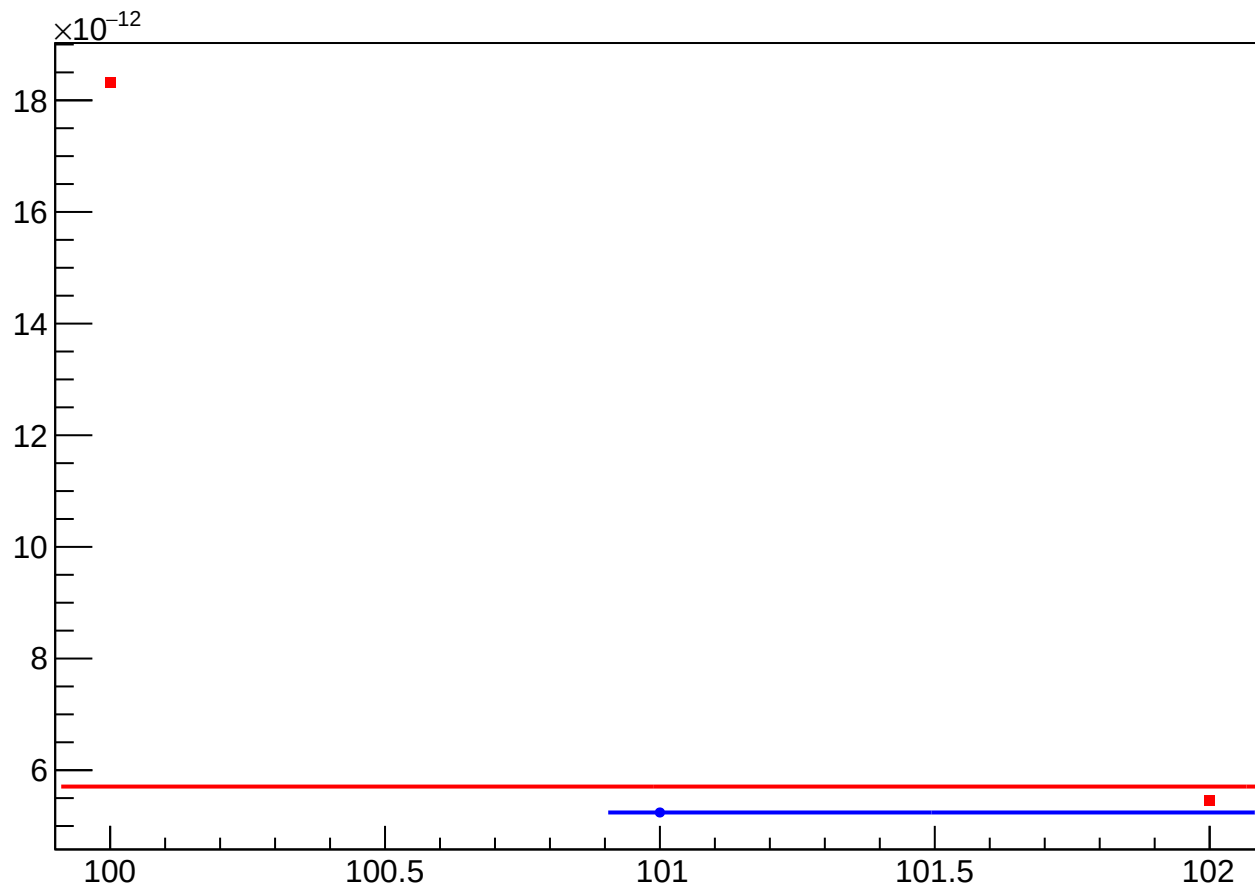
Right: -0.000+/-0.000 χ^2/NDF : 0.2/2

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 : 0.2/2

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_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 : 66083.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

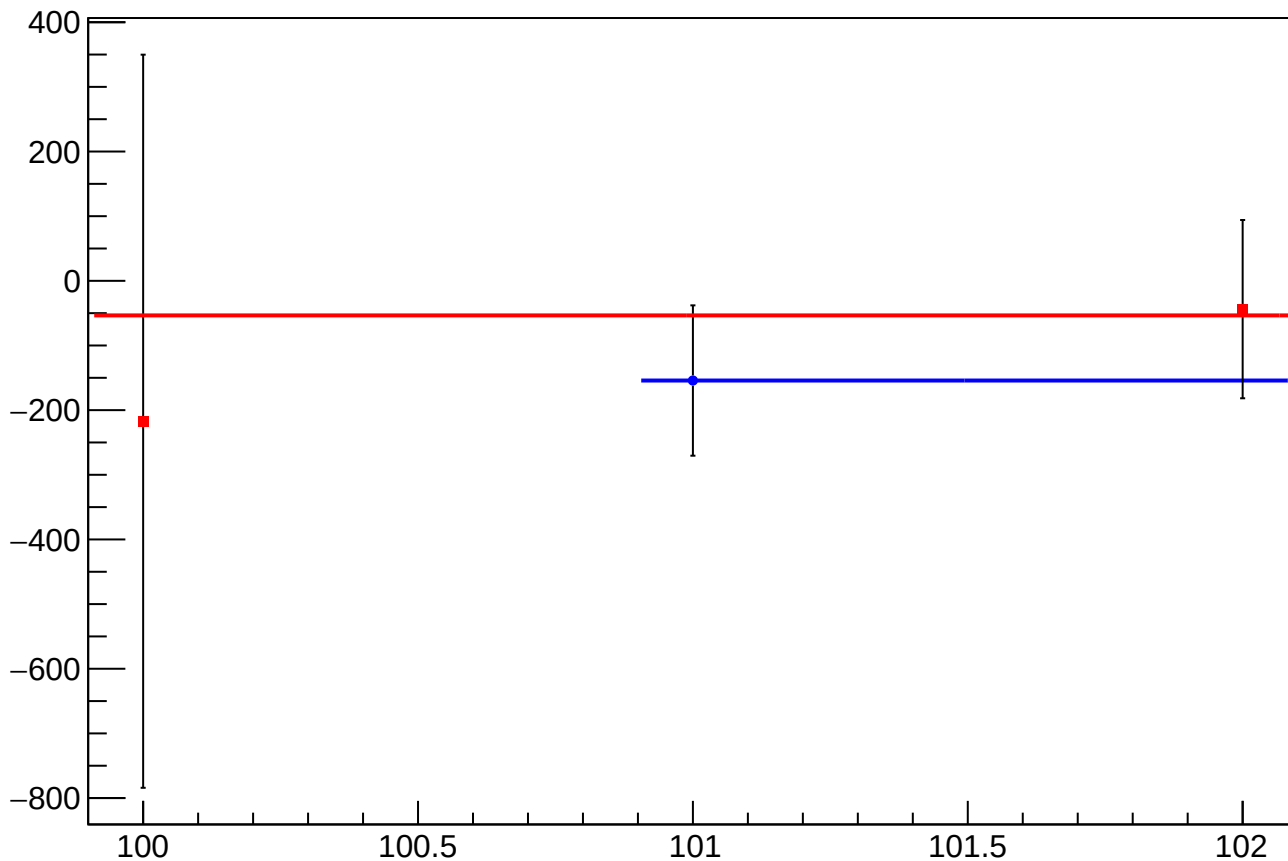
Right: 0.000+/-0.000 χ^2/NDF : 68821.0/2

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 : 68821.0/2

reg_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -154.199+/-116.267 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -53.465+/-133.965 χ^2 /NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

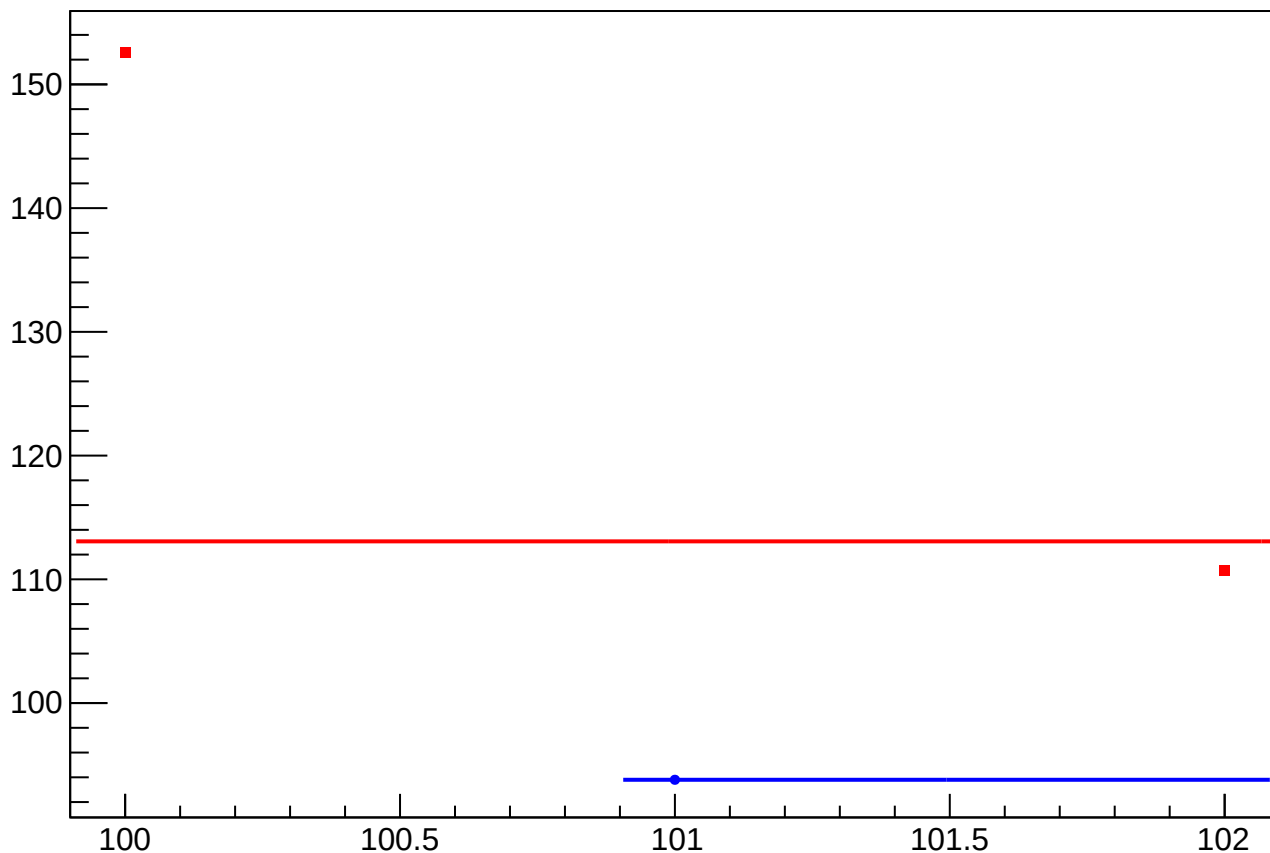
Right: -110.921+/-87.808 χ^2 /NDF: 0.4/2

In: -154.199+/-116.267 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -110.921+/-87.808 χ^2 /NDF: 0.4/2

reg_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 93.800 $\pm$ 0.082 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 113.069 $\pm$ 0.095 χ^2 /NDF: 10280.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

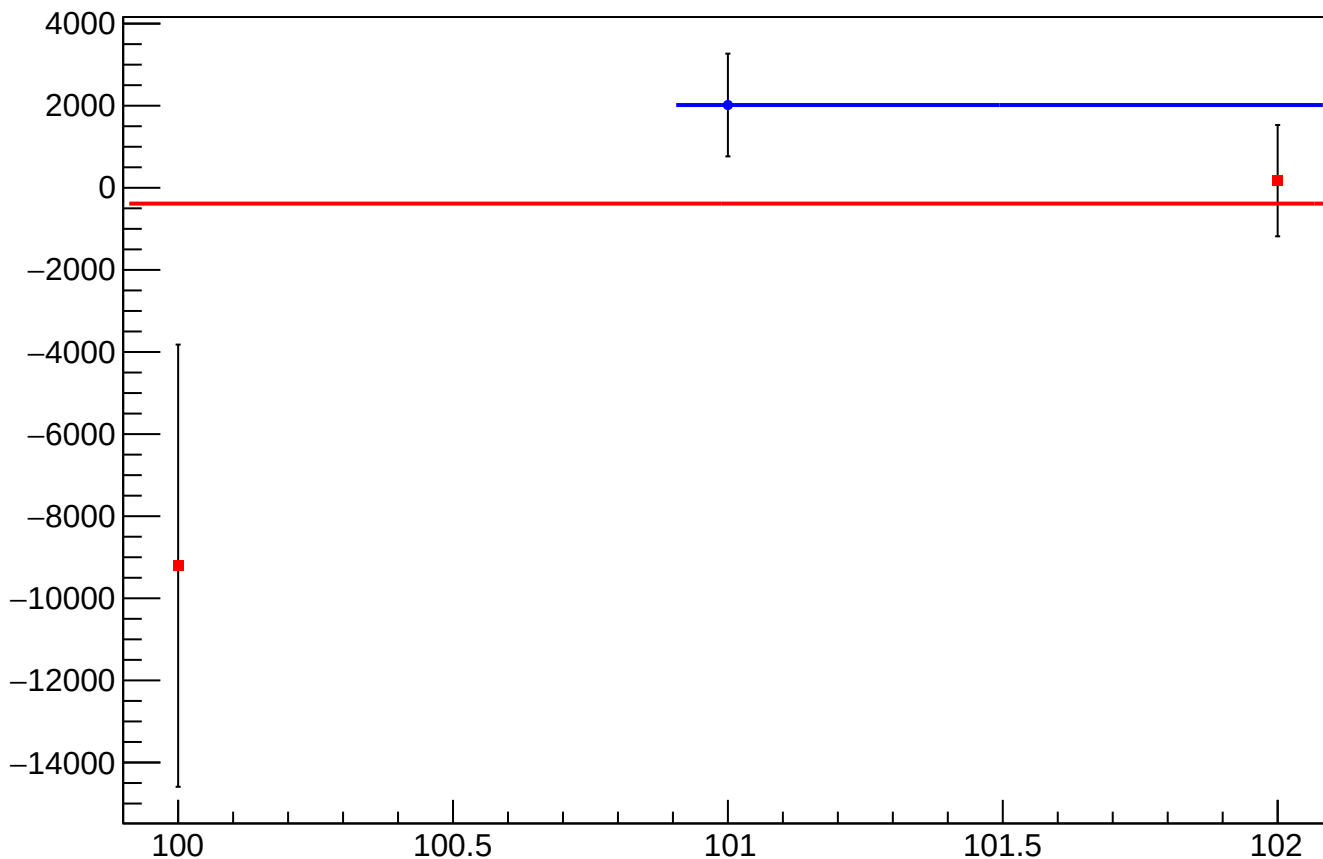
Right: 102.078 $\pm$ 0.062 χ^2 /NDF: 33879.6/2

In: 93.800 $\pm$ 0.082 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 102.078 $\pm$ 0.062 χ^2 /NDF: 33879.6/2

asym_sam_15_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 2016.509 $\pm$ 1251.286 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -384.819 $\pm$ 1315.260 χ^2 /NDF: 2.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

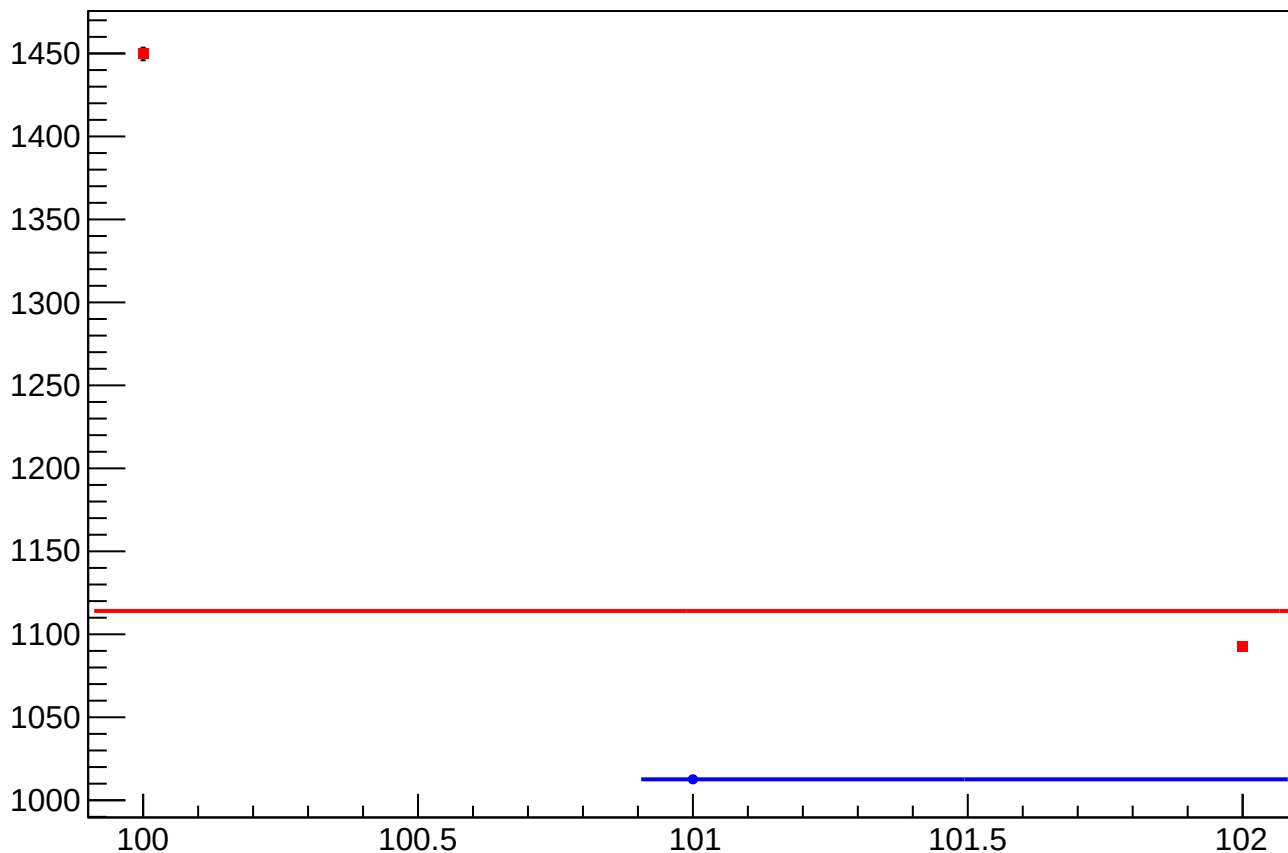
Right: 875.663 $\pm$ 906.566 χ^2 /NDF: 4.6/2

In: 2016.509 $\pm$ 1251.286 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 875.663 $\pm$ 906.566 χ^2 /NDF: 4.6/2

asym_sam_15_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1012.606 $\pm$ 0.885 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1114.084 $\pm$ 0.930 χ^2 /NDF: 8256.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

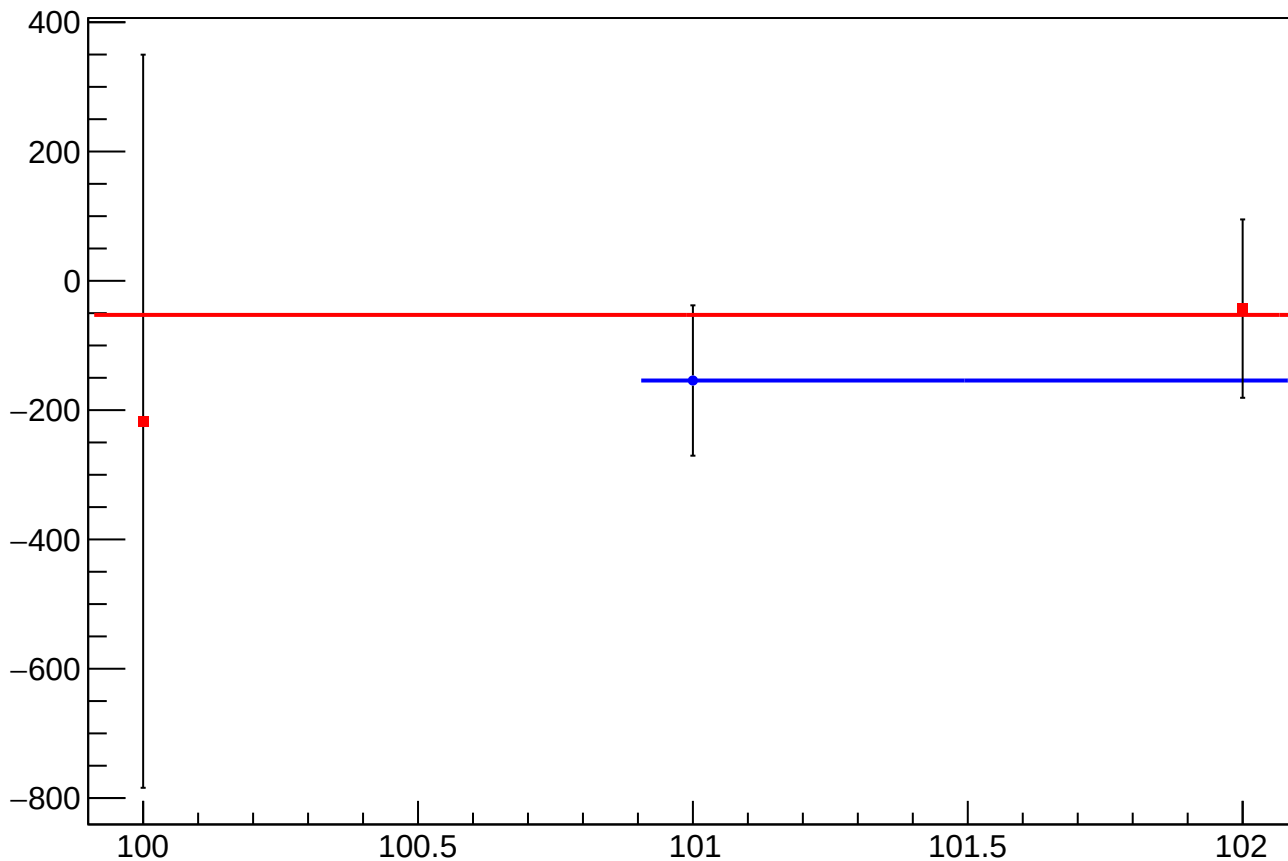
Right: 1060.817 $\pm$ 0.641 χ^2 /NDF: 14505.9/2

In: 1012.606 $\pm$ 0.885 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1060.817 $\pm$ 0.641 χ^2 /NDF: 14505.9/2

cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -154.194 $\pm$ 116.267 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -52.716 $\pm$ 134.036 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

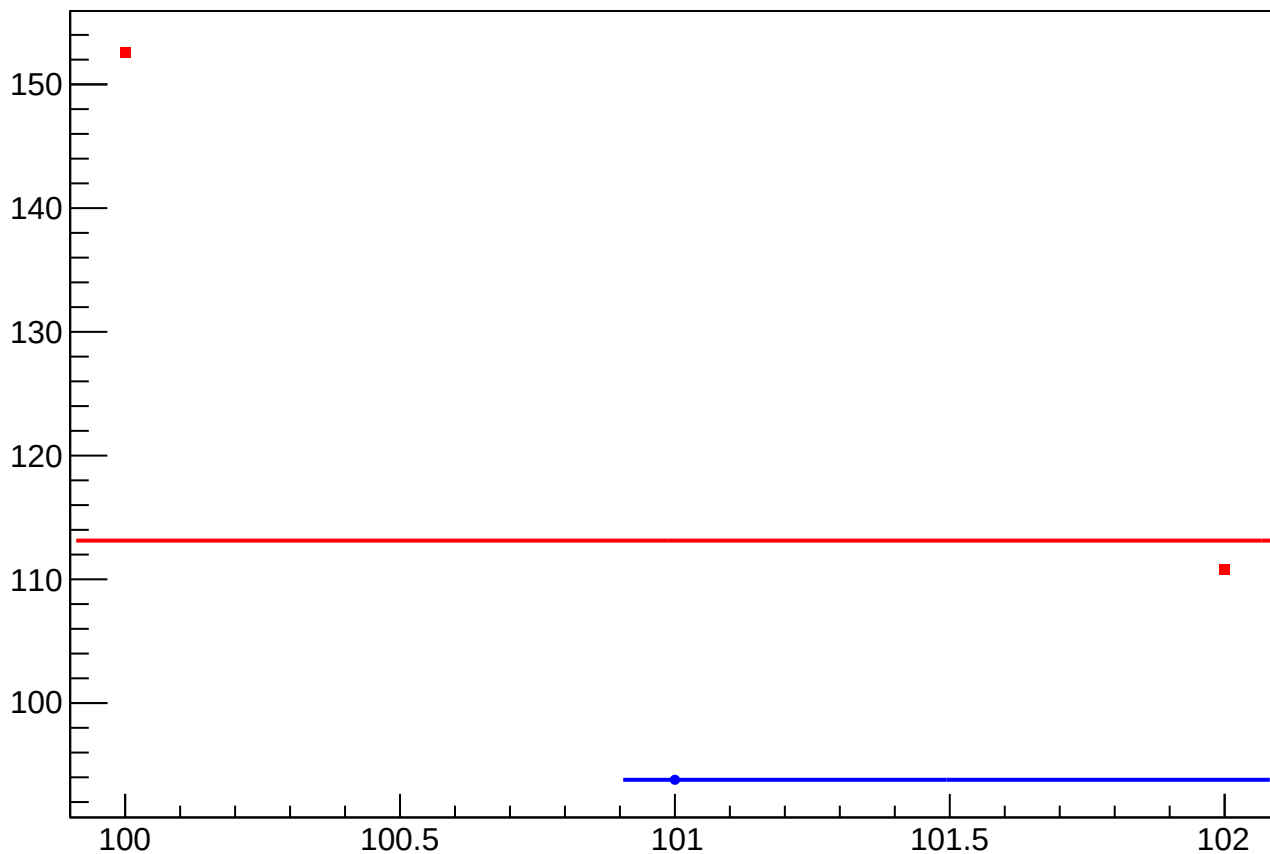
Right: -110.623 $\pm$ 87.829 χ^2 /NDF: 0.4/2

In: -154.194 $\pm$ 116.267 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -110.623 $\pm$ 87.829 χ^2 /NDF: 0.4/2

cor_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 93.800 $\pm$ 0.082 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 113.131 $\pm$ 0.095 χ^2 /NDF: 10248.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

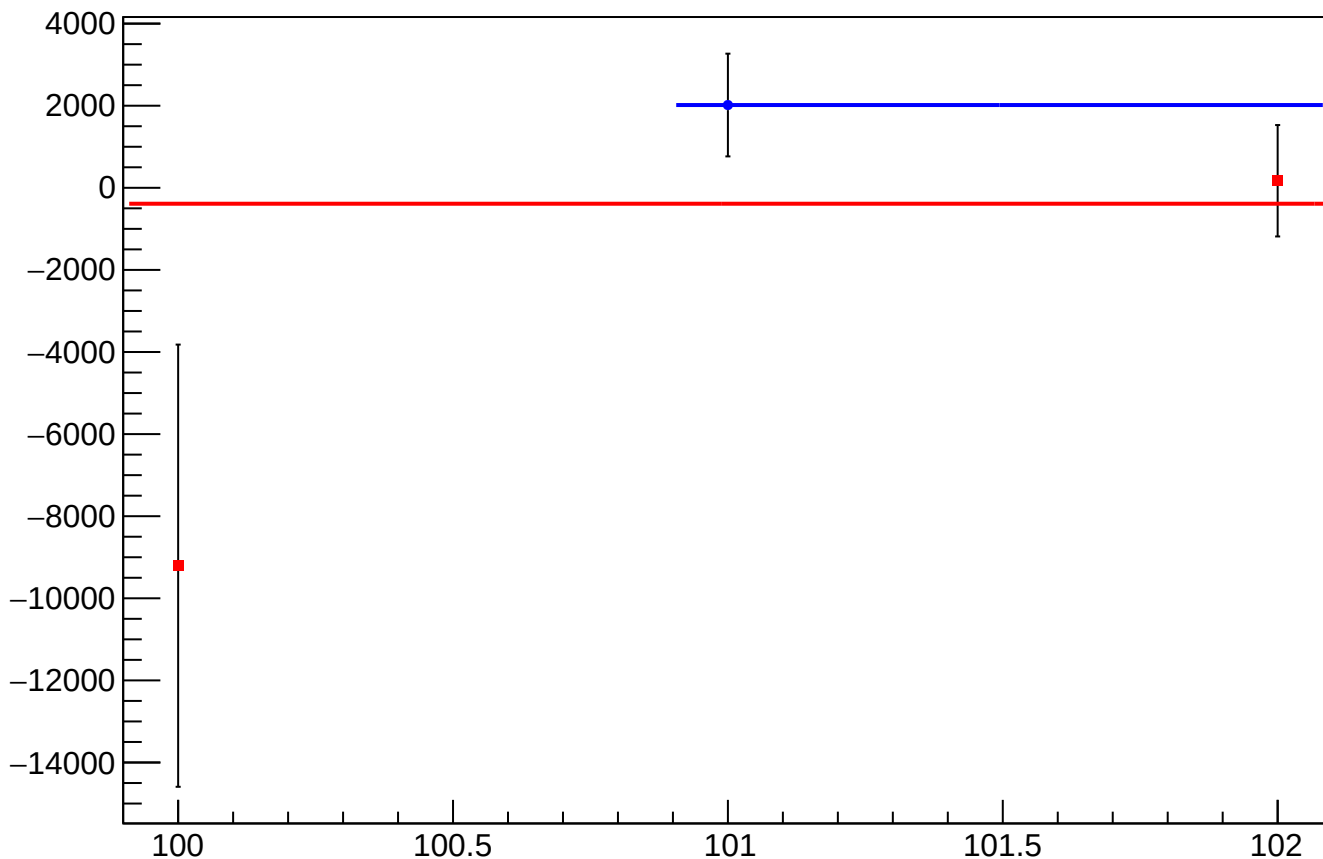
Right: 102.100 $\pm$ 0.062 χ^2 /NDF: 33985.7/2

In: 93.800 $\pm$ 0.082 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 102.100 $\pm$ 0.062 χ^2 /NDF: 33985.7/2

asym_sam_15_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 2016.494+/-1251.288 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -387.803+/-1315.963 χ^2/NDF : 2.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

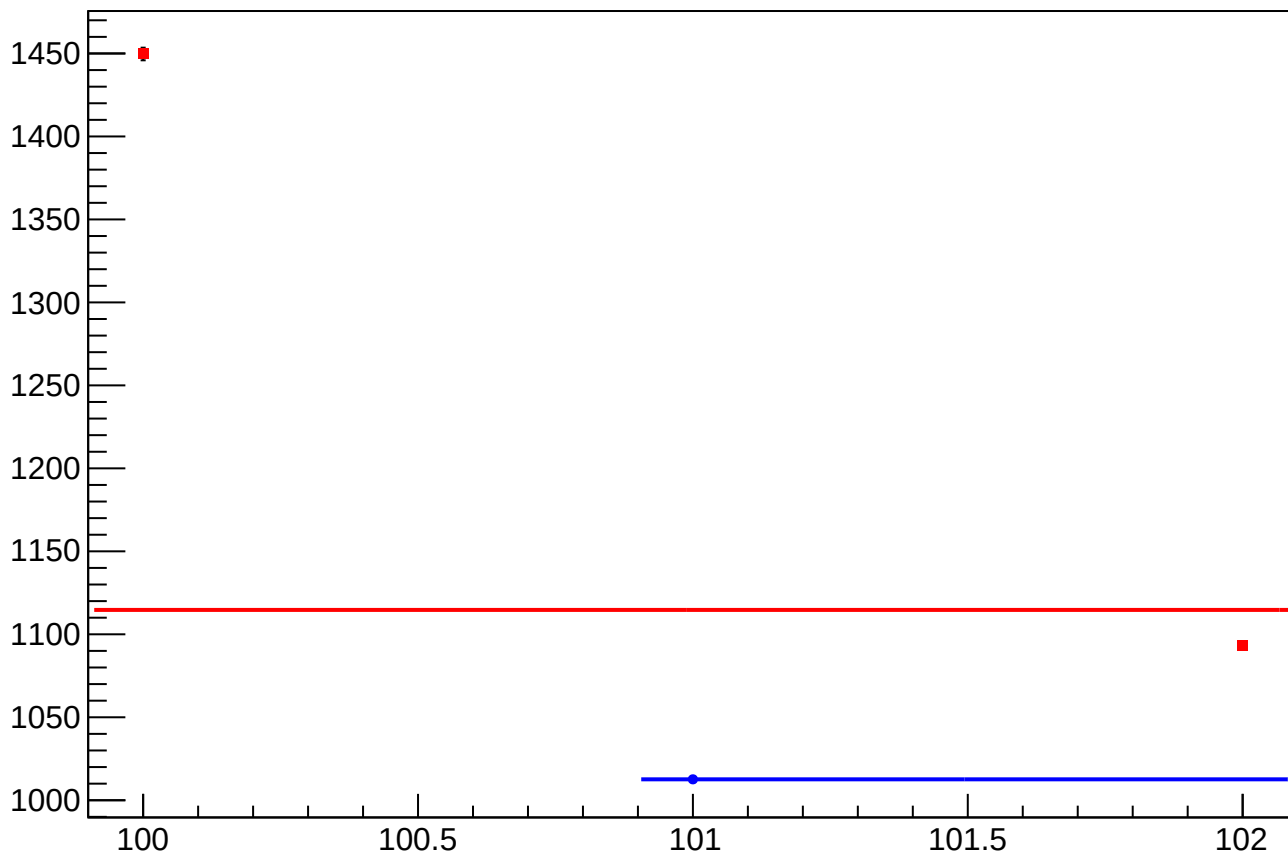
Right: 874.877+/-906.796 χ^2/NDF : 4.6/2

In: 2016.494+/-1251.288 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 874.877+/-906.796 χ^2/NDF : 4.6/2

asym_sam_15_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1012.607 $\pm$ 0.885 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1114.694 $\pm$ 0.931 χ^2 /NDF: 8227.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

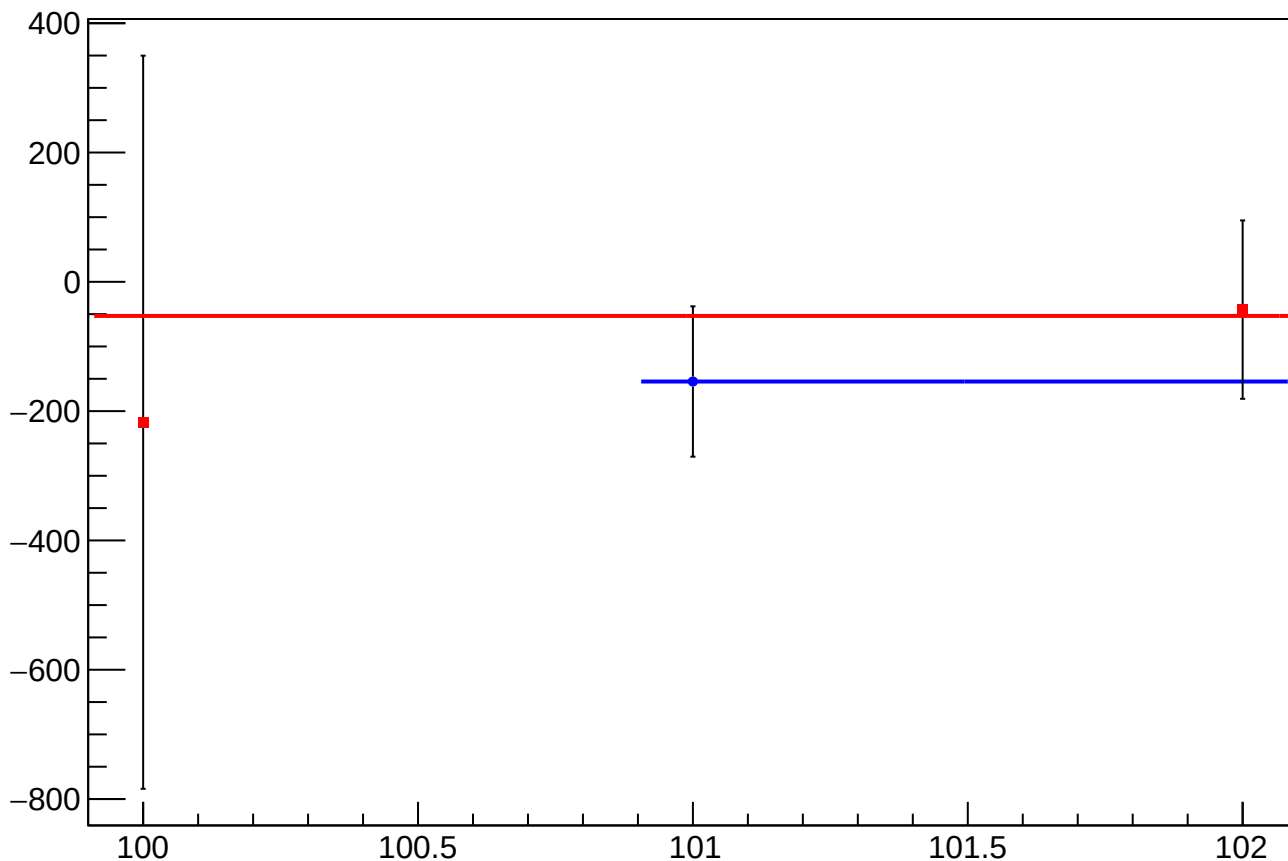
Right: 1061.080 $\pm$ 0.641 χ^2 /NDF: 14548.3/2

In: 1012.607 $\pm$ 0.885 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1061.080 $\pm$ 0.641 χ^2 /NDF: 14548.3/2

eigen_cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -154.194+/-116.267 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -52.716+/-134.036 χ^2 /NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

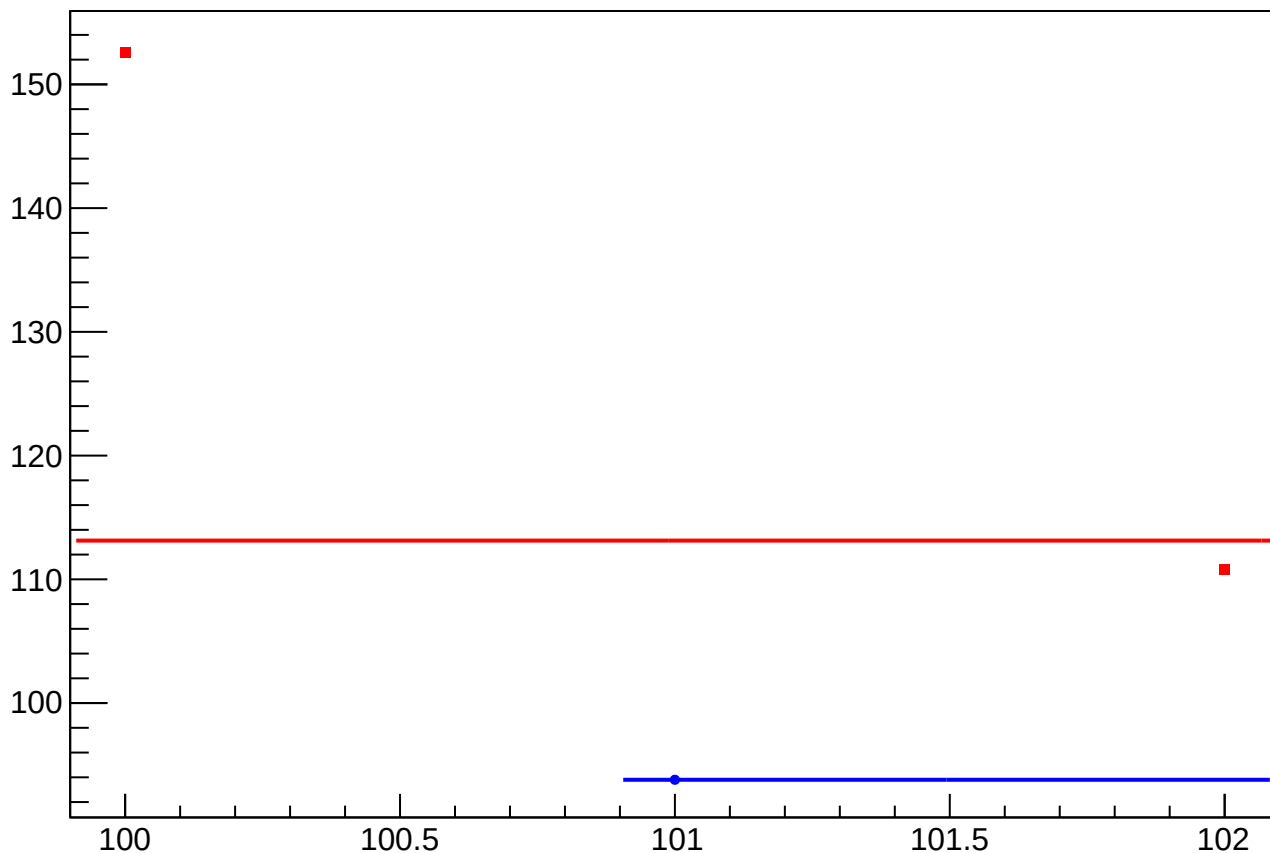
Right: -110.623+/-87.829 χ^2 /NDF: 0.4/2

In: -154.194+/-116.267 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -110.623+/-87.829 χ^2 /NDF: 0.4/2

eigen_cor_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 93.800 $\pm$ 0.082 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 113.131 $\pm$ 0.095 χ^2 /NDF: 10248.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

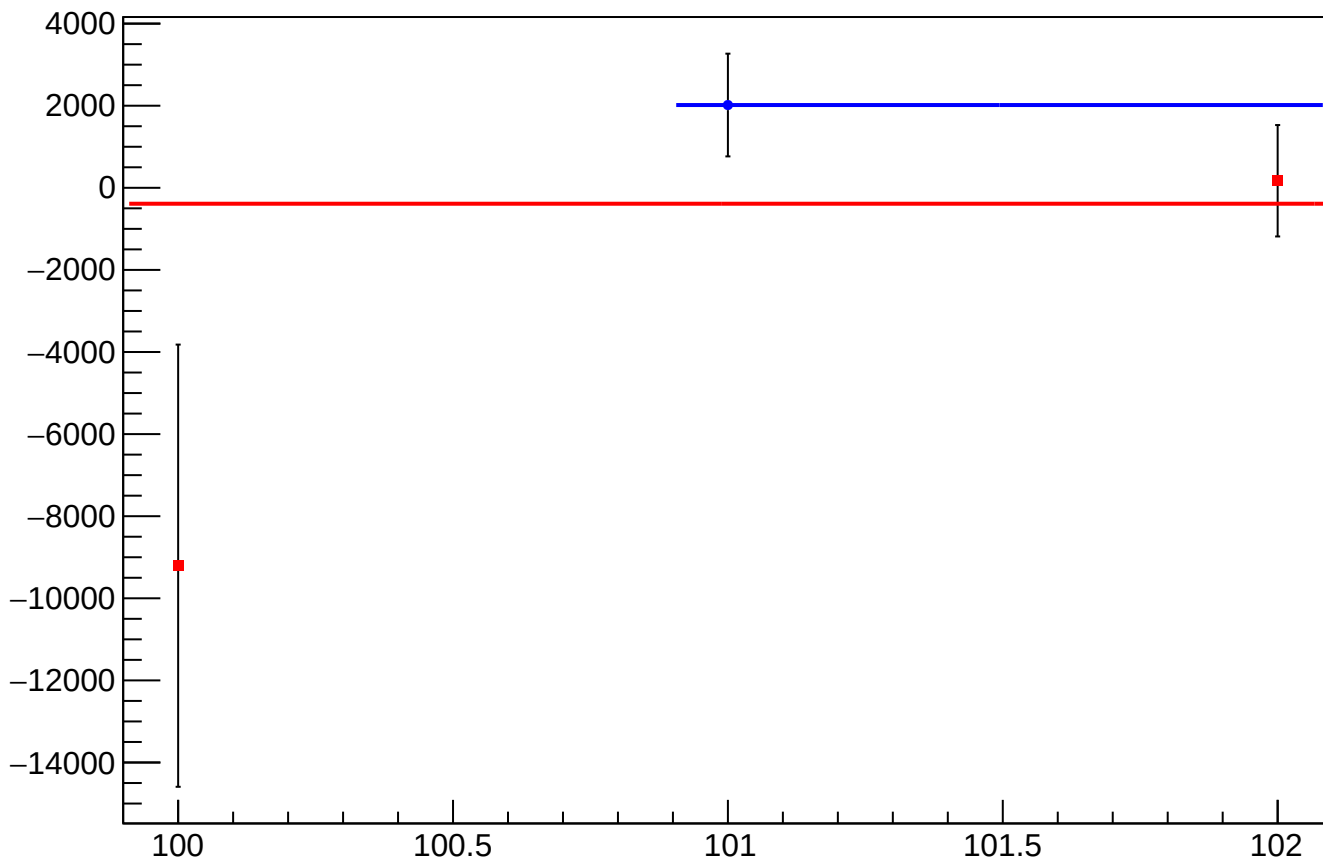
Right: 102.100 $\pm$ 0.062 χ^2 /NDF: 33985.7/2

In: 93.800 $\pm$ 0.082 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 102.100 $\pm$ 0.062 χ^2 /NDF: 33985.7/2

asym_sam_15_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2016.494+/-1251.288 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -387.803+/-1315.963 χ^2/NDF : 2.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

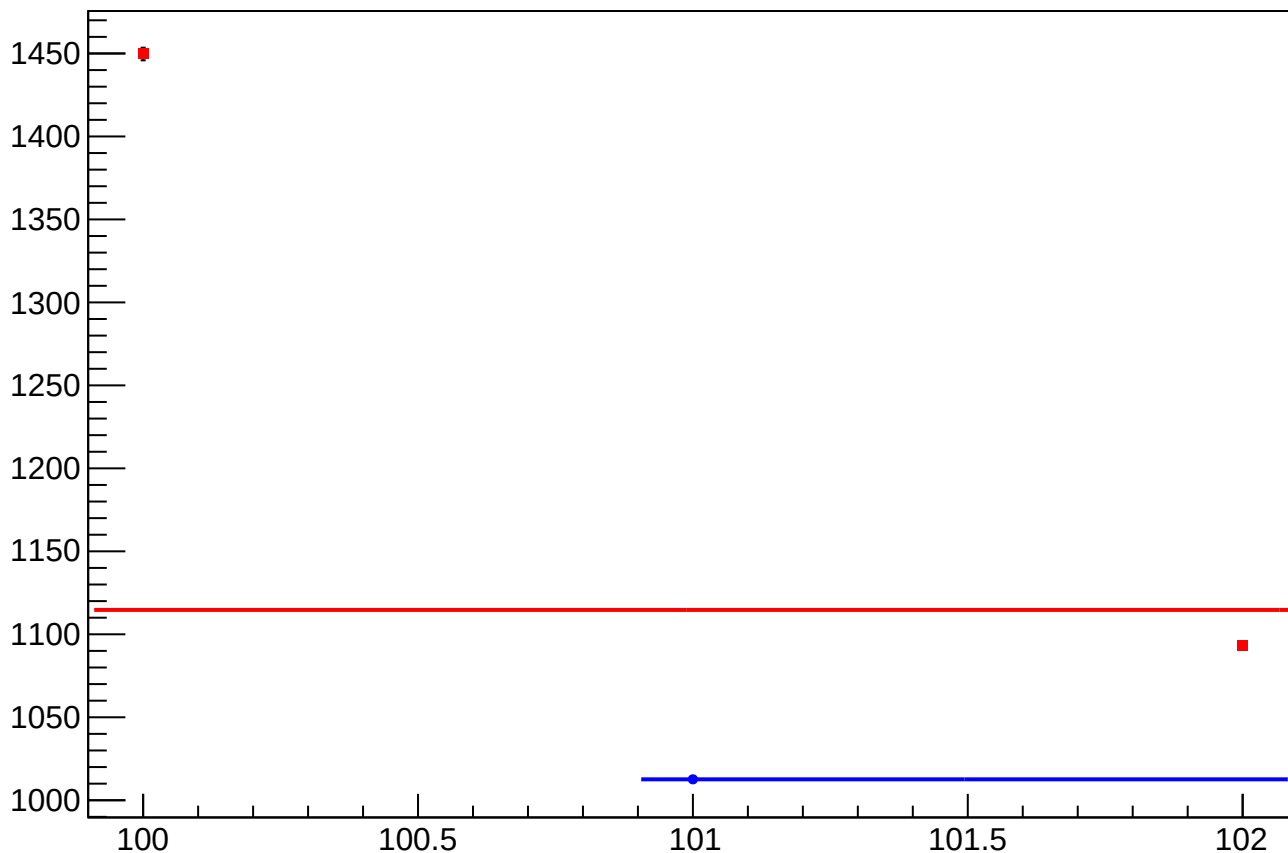
Right: 874.877+/-906.796 χ^2/NDF : 4.6/2

In: 2016.494+/-1251.288 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 874.877+/-906.796 χ^2/NDF : 4.6/2

asym_sam_15_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1012.607 $\pm$ 0.885 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1114.694 $\pm$ 0.931 χ^2 /NDF: 8227.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

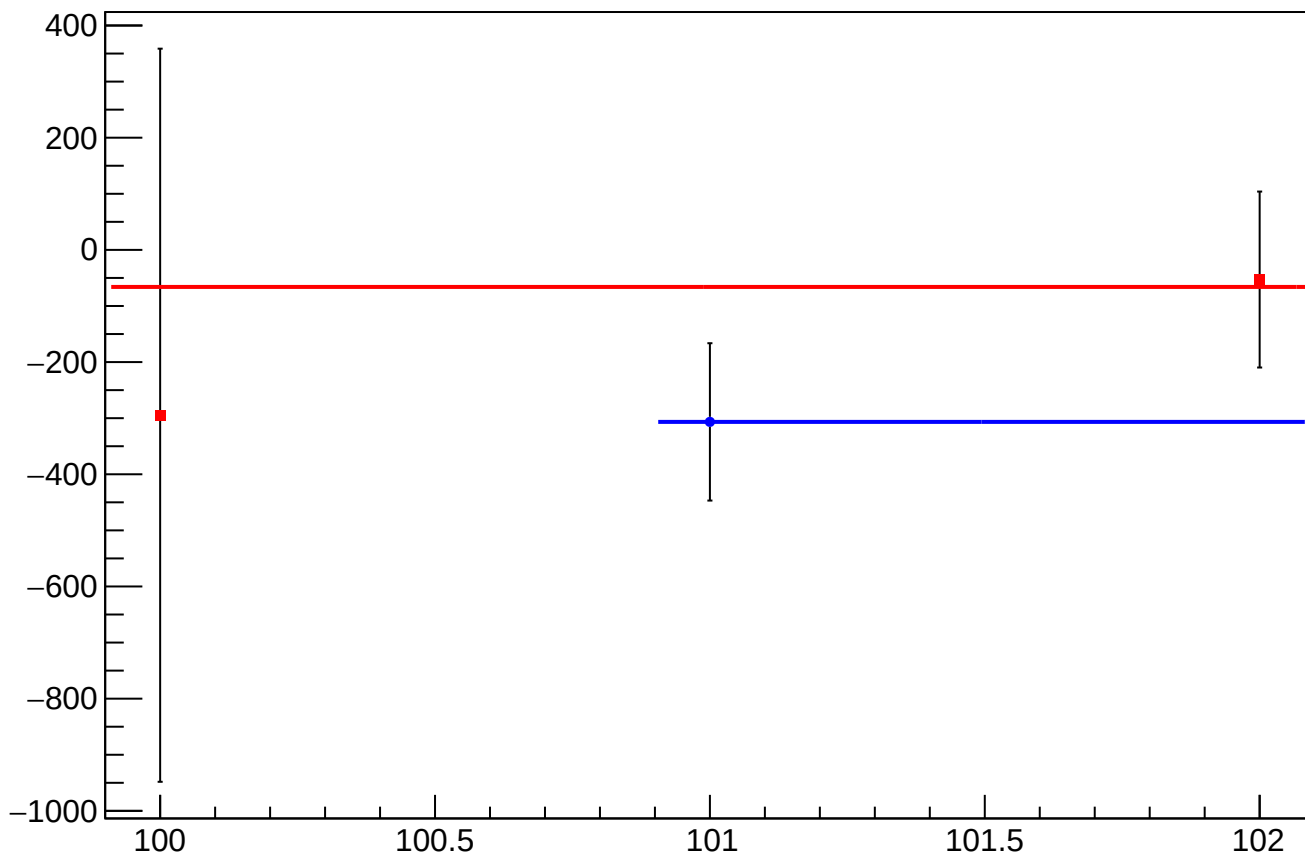
Right: 1061.080 $\pm$ 0.641 χ^2 /NDF: 14548.3/2

In: 1012.607 $\pm$ 0.885 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1061.080 $\pm$ 0.641 χ^2 /NDF: 14548.3/2

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -306.619 $\pm$ 140.251 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -66.034 $\pm$ 152.497 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

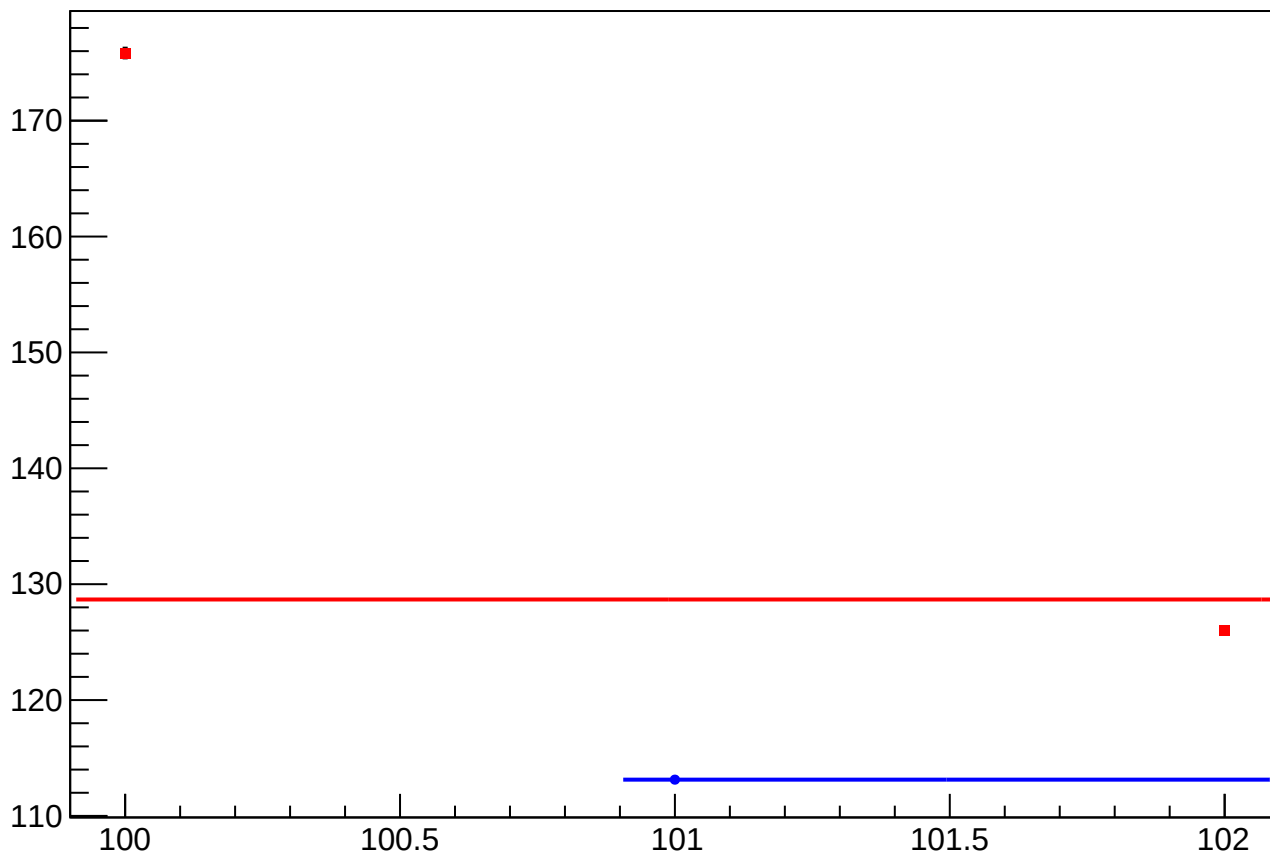
Right: -196.373 $\pm$ 103.231 χ^2 /NDF: 1.5/2

In: -306.619 $\pm$ 140.251 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -196.373 $\pm$ 103.231 χ^2 /NDF: 1.5/2

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 113.132 $\pm$ 0.099 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 128.680 $\pm$ 0.108 χ^2 /NDF: 11016.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

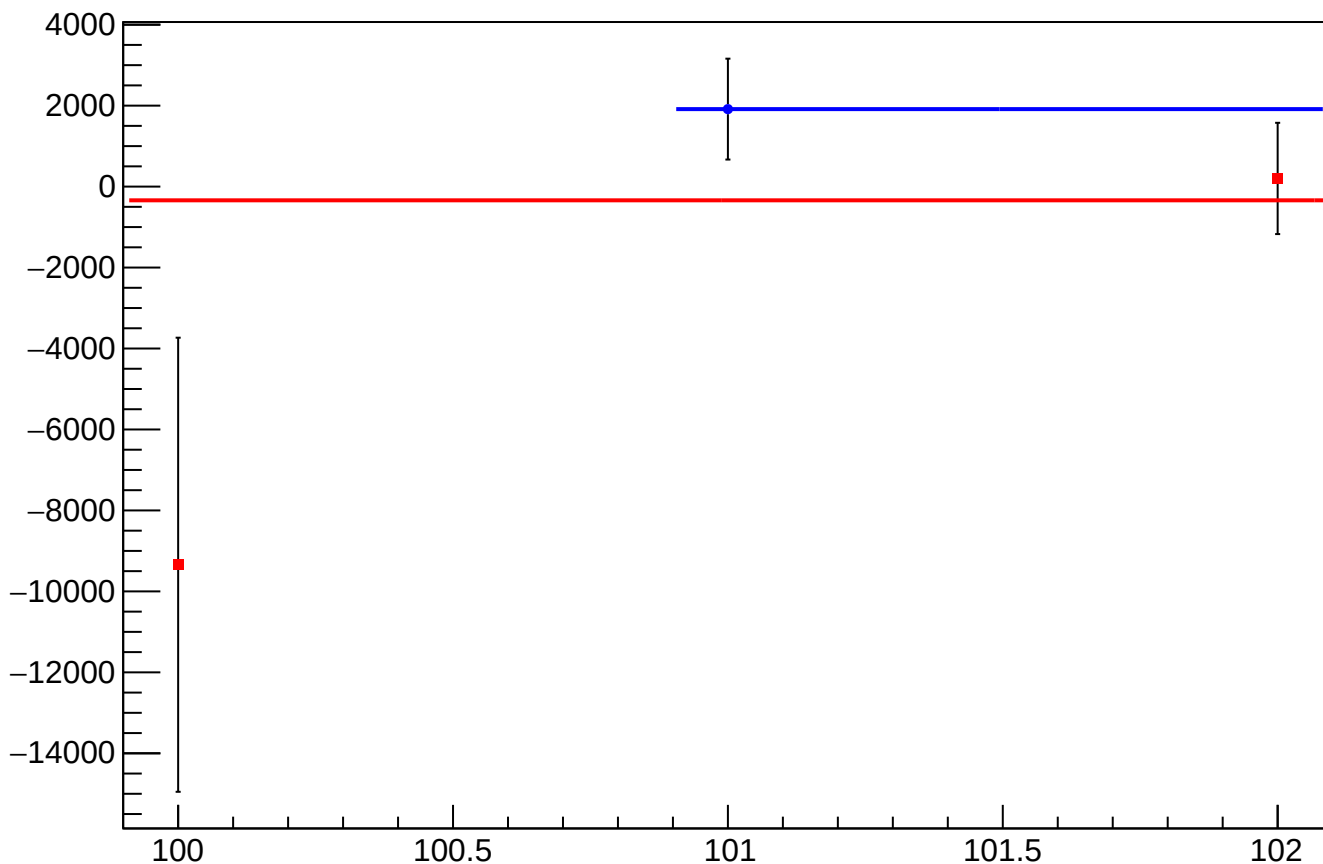
Right: 120.257 $\pm$ 0.073 χ^2 /NDF: 22278.3/2

In: 113.132 $\pm$ 0.099 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 120.257 $\pm$ 0.073 χ^2 /NDF: 22278.3/2

asym_sam_15_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1914.160+/-1246.069 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -339.053+/-1334.833 χ^2/NDF : 2.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

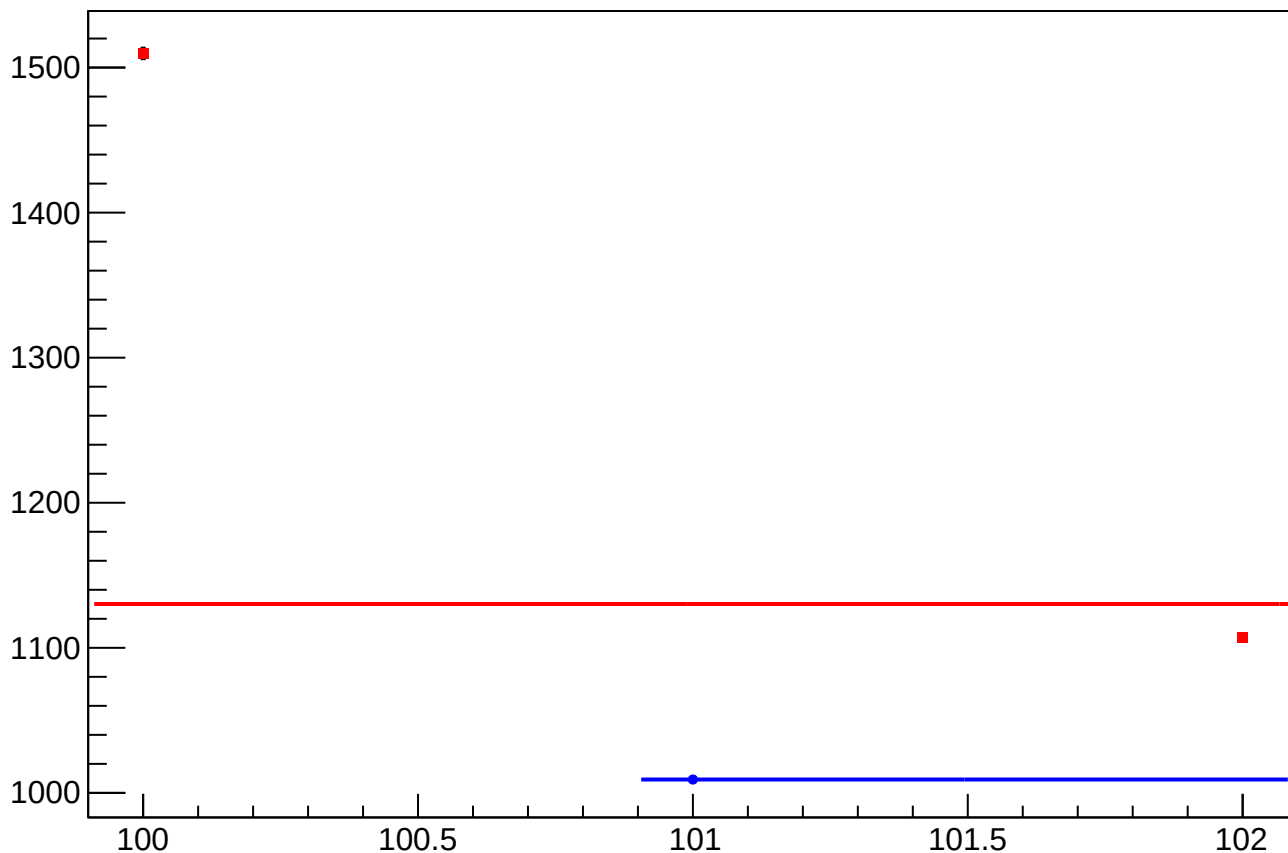
Right: 864.955+/-910.869 χ^2/NDF : 4.3/2

In: 1914.160+/-1246.069 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 864.955+/-910.869 χ^2/NDF : 4.3/2

asym_sam_15_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1009.211+/-0.881 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1130.197+/-0.944 χ^2/NDF : 9707.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

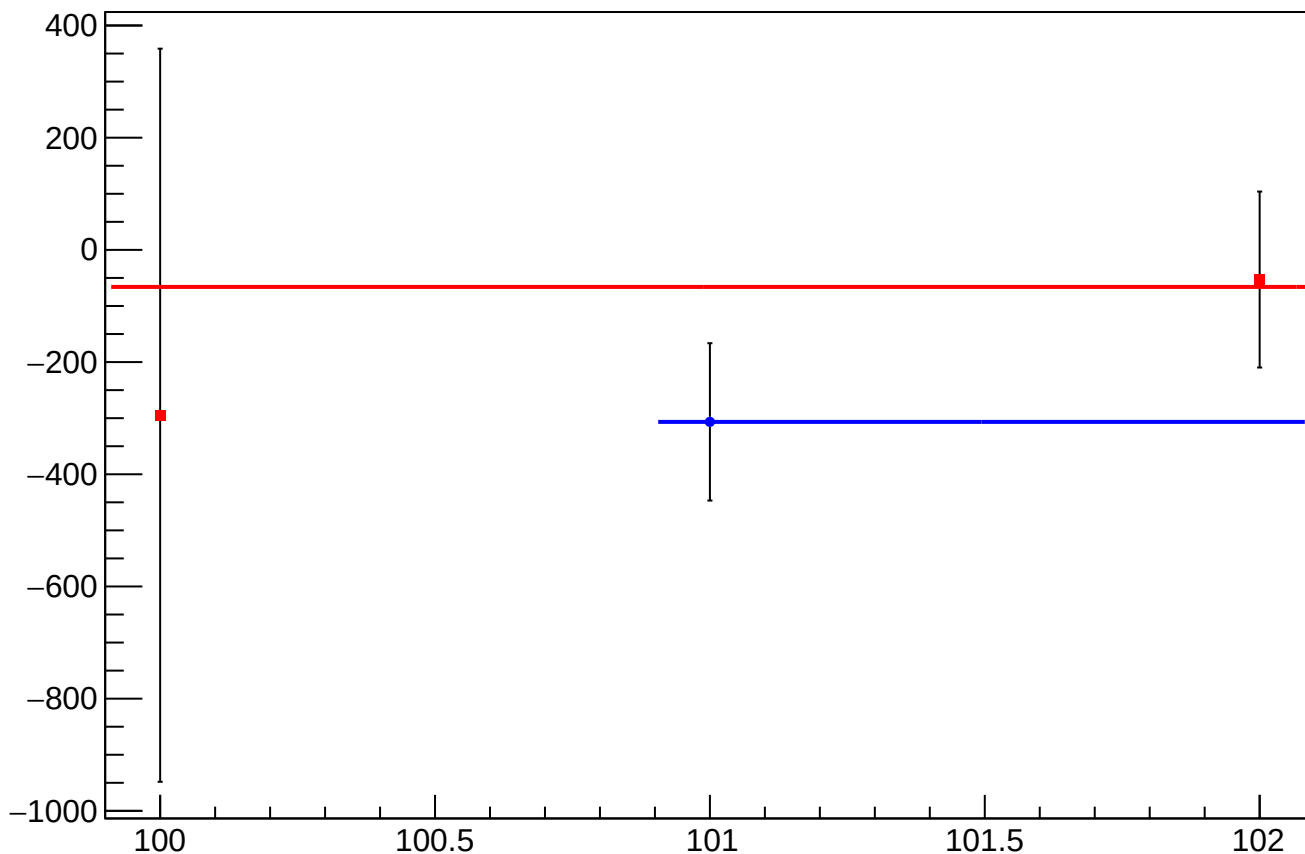
Right: 1065.548+/-0.644 χ^2/NDF : 18486.7/2

In: 1009.211+/-0.881 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1065.548+/-0.644 χ^2/NDF : 18486.7/2

eigen_dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -306.619+/-140.251 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -66.033+/-152.496 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

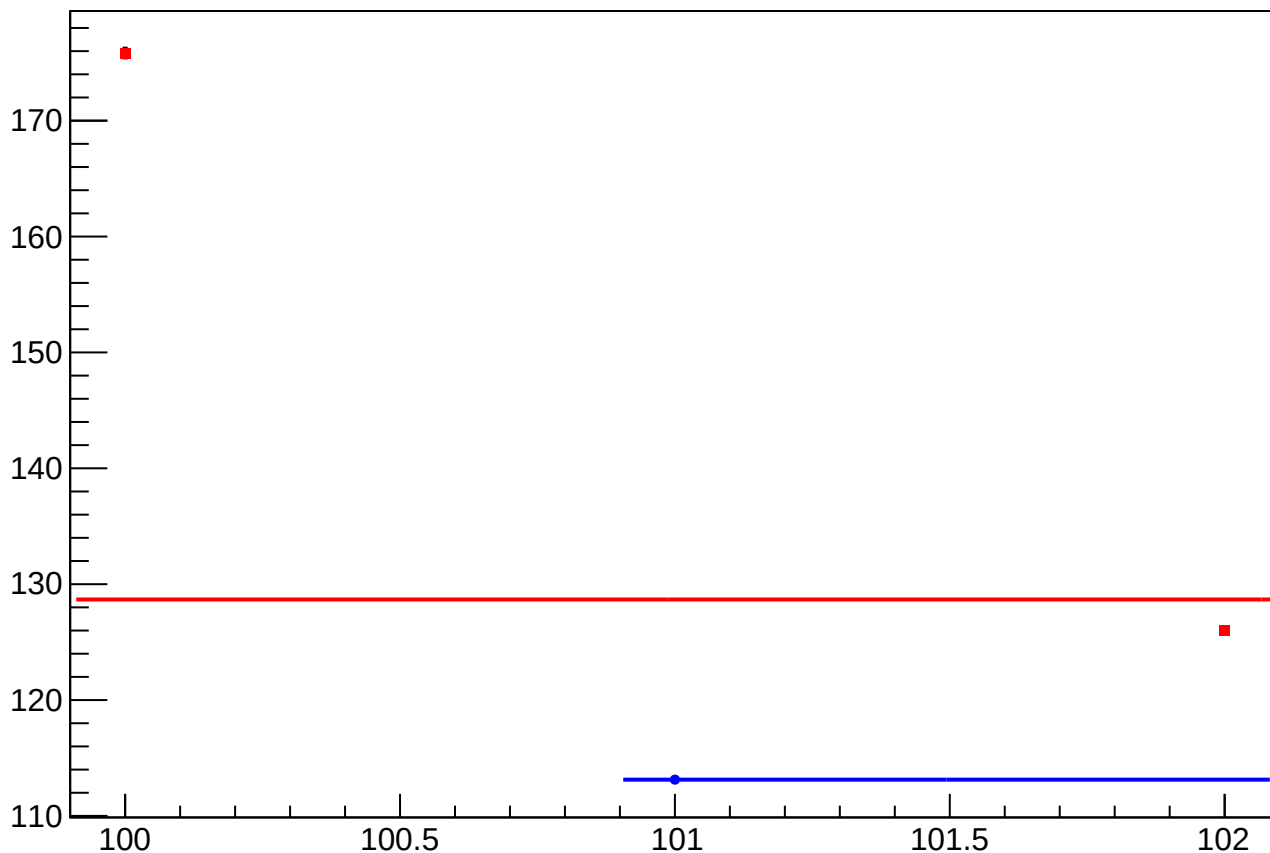
Right: -196.371+/-103.230 χ^2/NDF : 1.5/2

In: -306.619+/-140.251 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -196.371+/-103.230 χ^2/NDF : 1.5/2

eigen_dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 113.133+/-0.099 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.679+/-0.108 χ^2/NDF : 11016.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

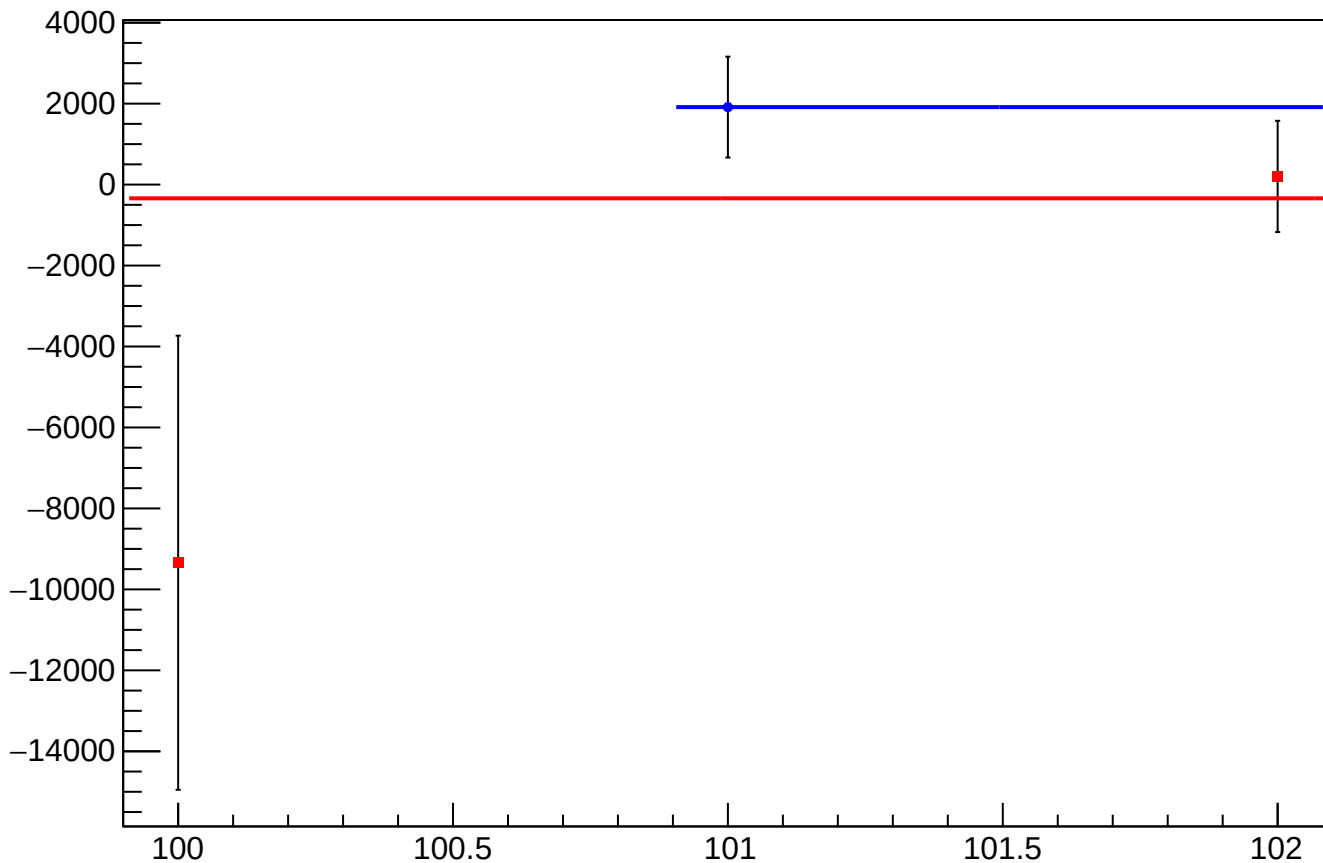
Right: 120.257+/-0.073 χ^2/NDF : 22277.7/2

In: 113.133+/-0.099 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.257+/-0.073 χ^2/NDF : 22277.7/2

asym_sam_15_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1914.160+/-1246.069 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -339.049+/-1334.828 χ^2/NDF : 2.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

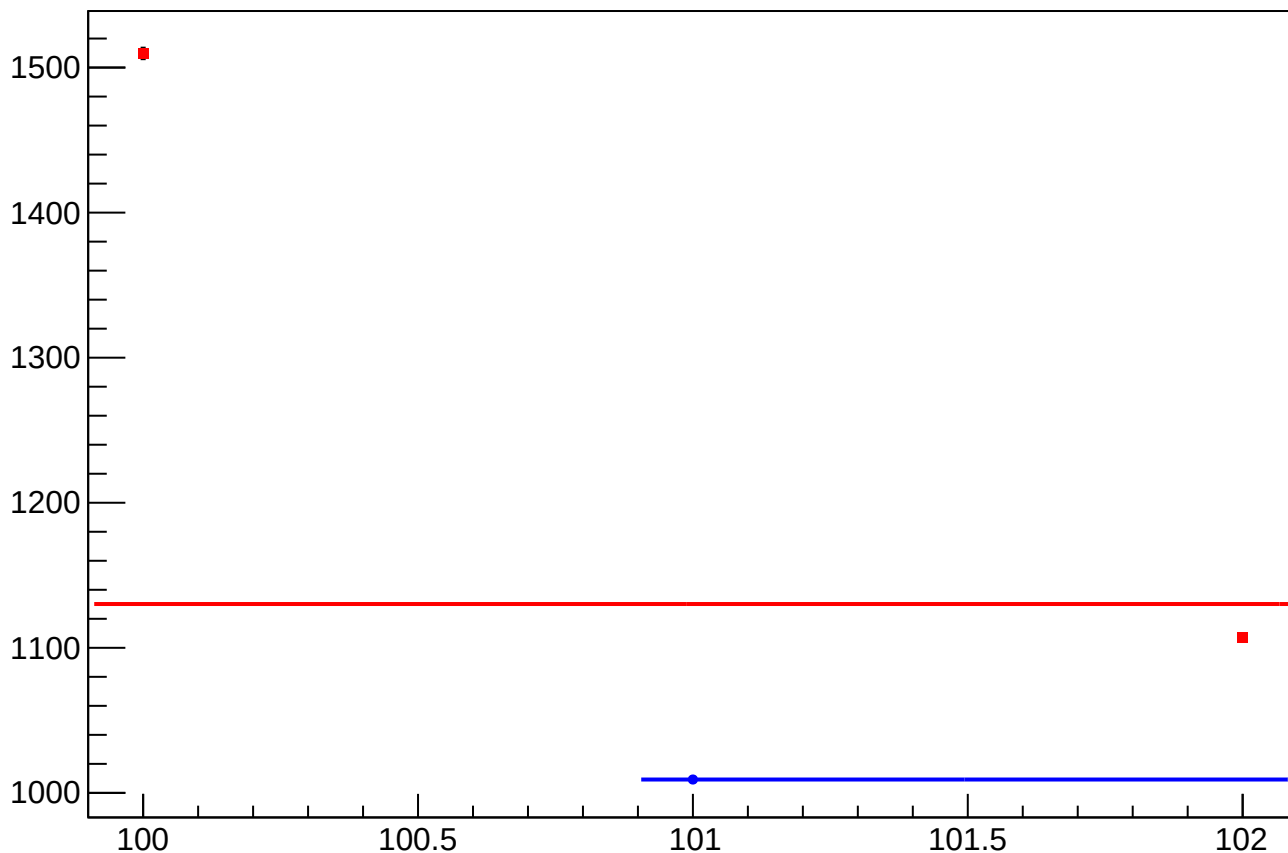
Right: 864.954+/-910.867 χ^2/NDF : 4.3/2

In: 1914.160+/-1246.069 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 864.954+/-910.867 χ^2/NDF : 4.3/2

asym_sam_15_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1009.211+/-0.881 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1130.193+/-0.944 χ^2/NDF : 9707.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

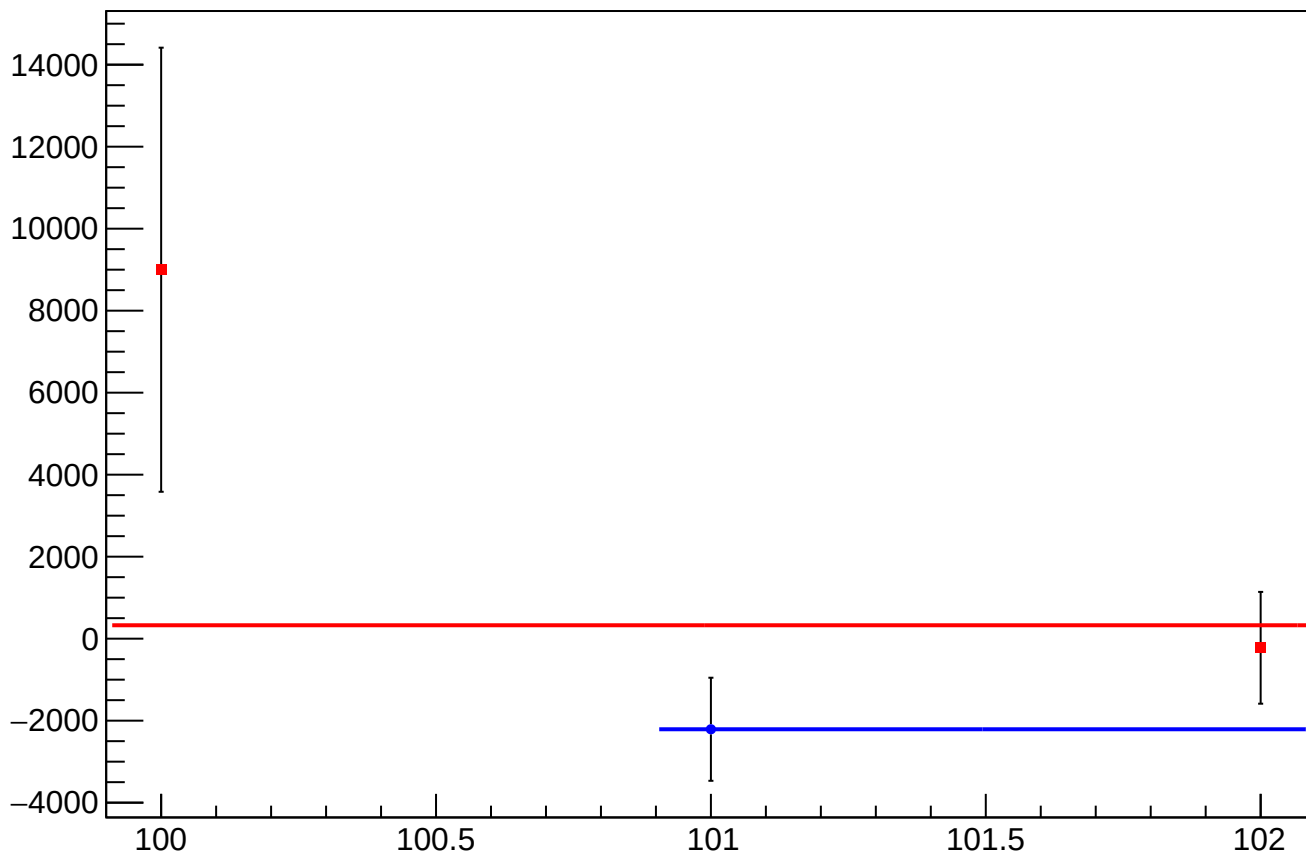
Right: 1065.546+/-0.644 χ^2/NDF : 18486.5/2

In: 1009.211+/-0.881 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1065.546+/-0.644 χ^2/NDF : 18486.5/2

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -2209.662 $\pm$ 1256.984 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 326.959 $\pm$ 1322.211 χ^2 /NDF: 2.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

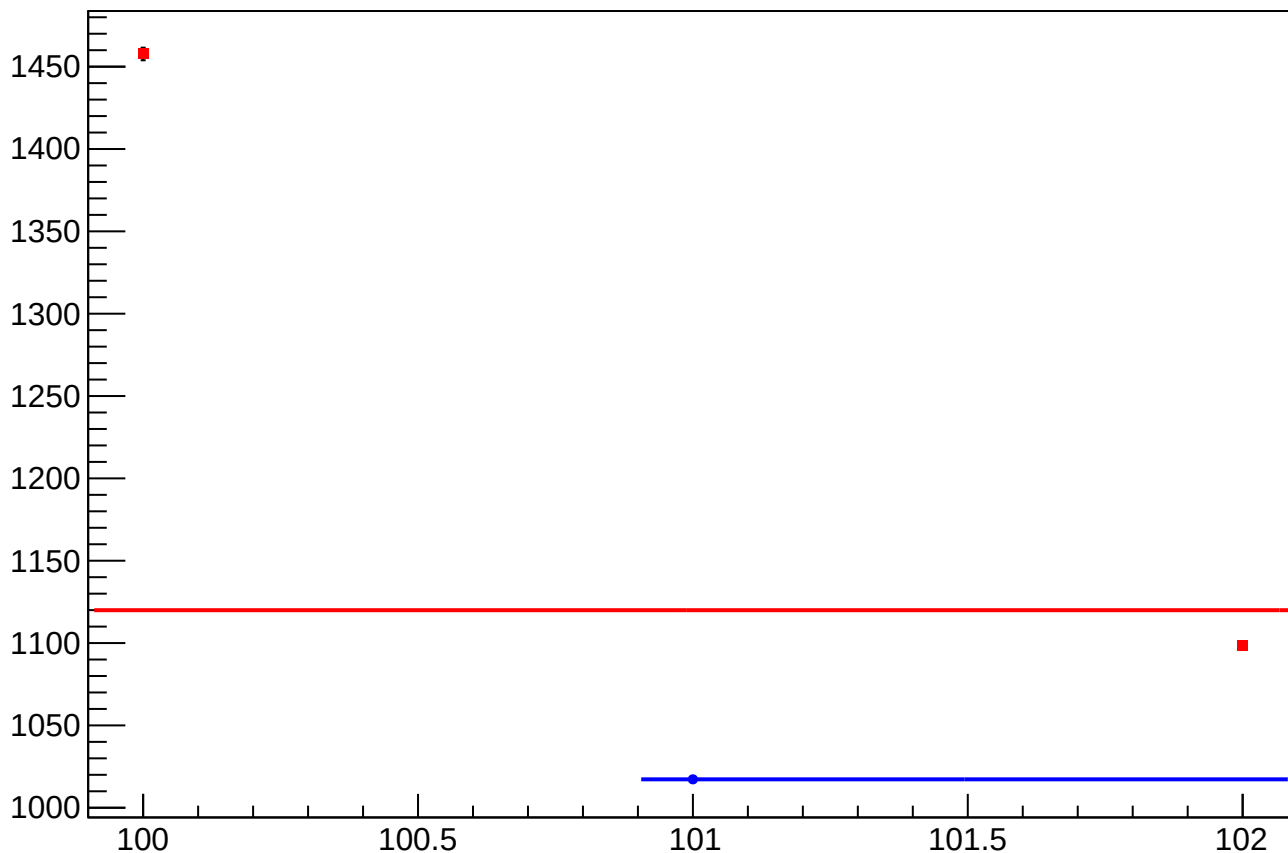
Right: -1005.461 $\pm$ 911.009 χ^2 /NDF: 4.7/2

In: -2209.662 $\pm$ 1256.984 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1005.461 $\pm$ 911.009 χ^2 /NDF: 4.7/2

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 1017.253 $\pm$ 0.889 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1119.962 $\pm$ 0.935 χ^2 /NDF: 8270.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

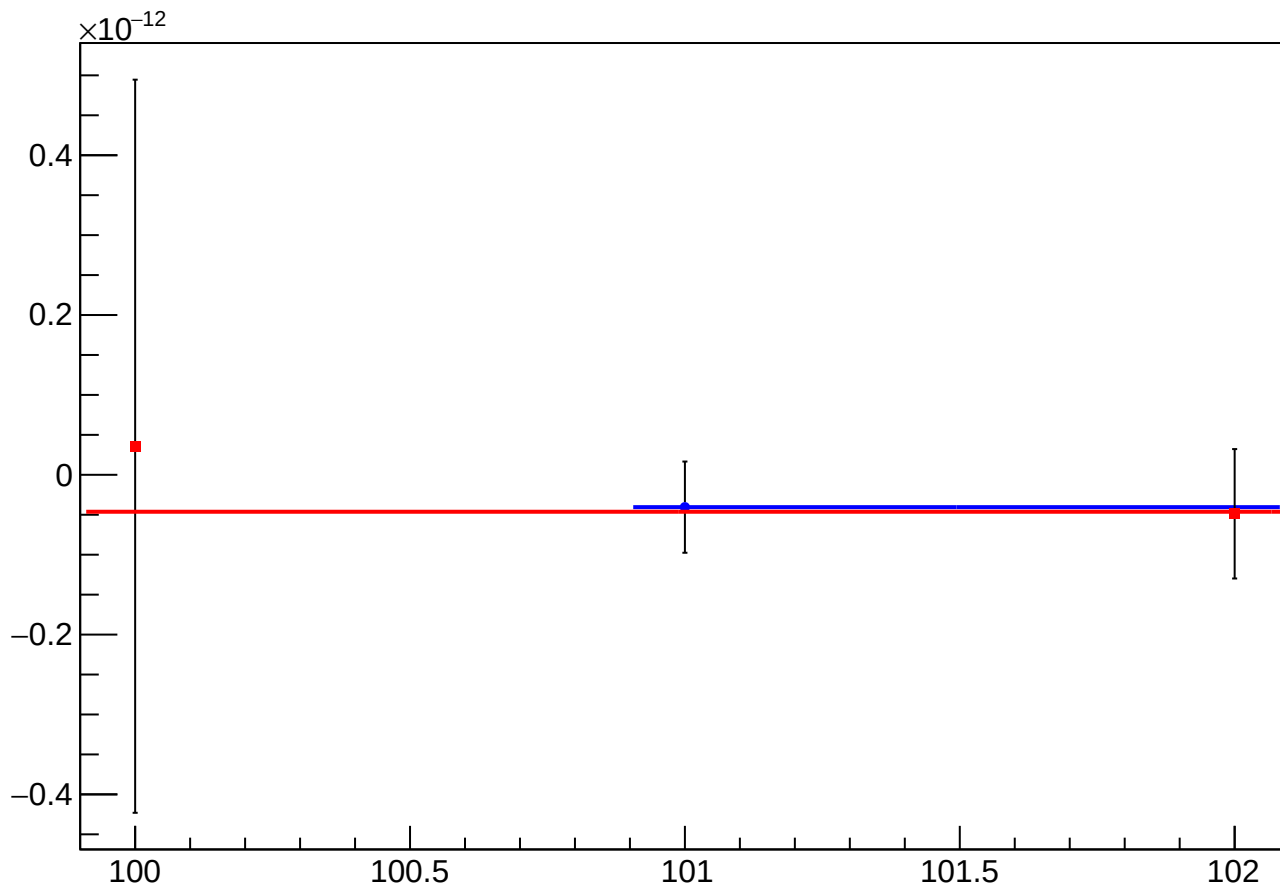
Right: 1066.011 $\pm$ 0.644 χ^2 /NDF: 14609.4/2

In: 1017.253 $\pm$ 0.889 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1066.011 $\pm$ 0.644 χ^2 /NDF: 14609.4/2

asym_sam_15_26_dd_reg_vs_cor_diff_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 : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

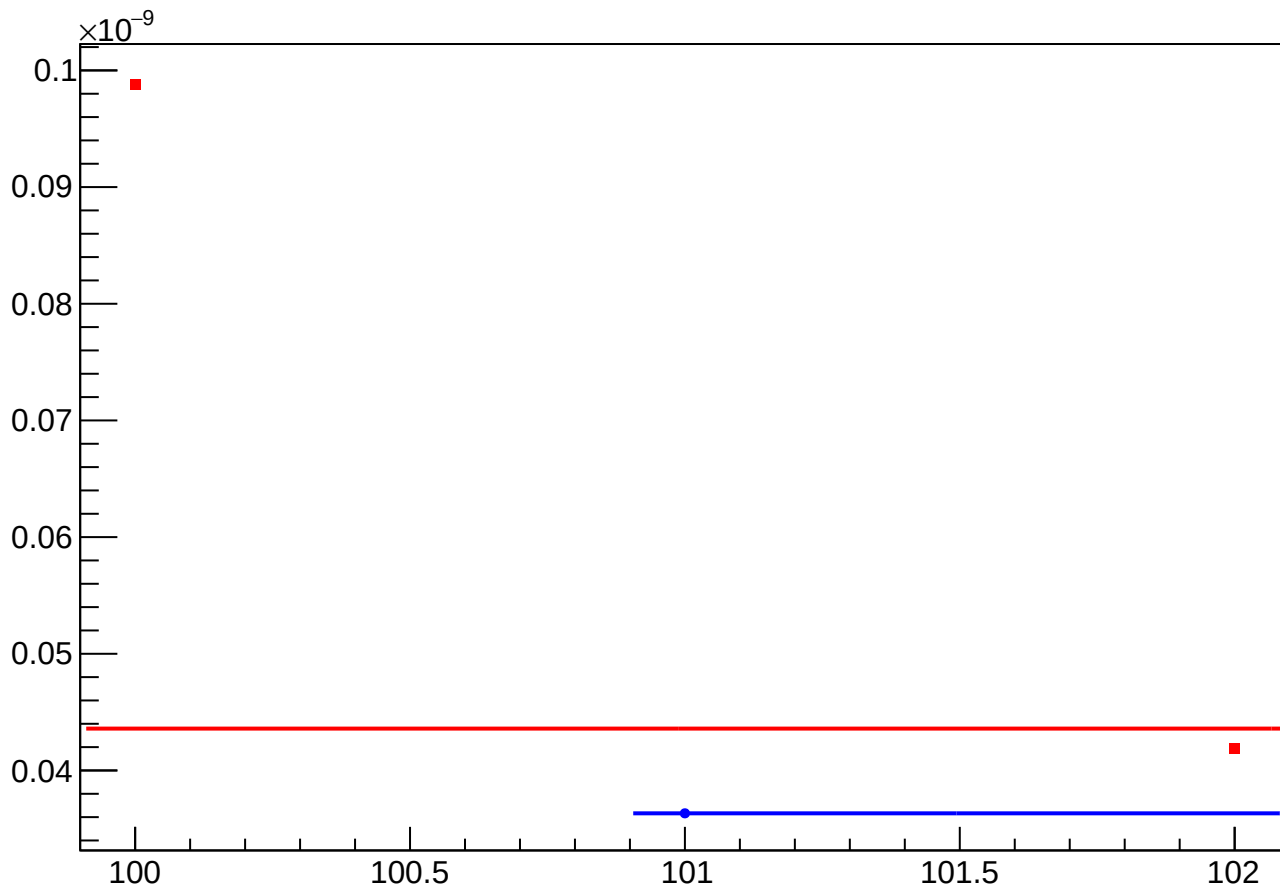
Right: -0.000+/-0.000 χ^2/NDF : 0.0/2

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 : 0.0/2

asym_sam_15_26_dd_reg_vs_cor_diff_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 : 29858.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

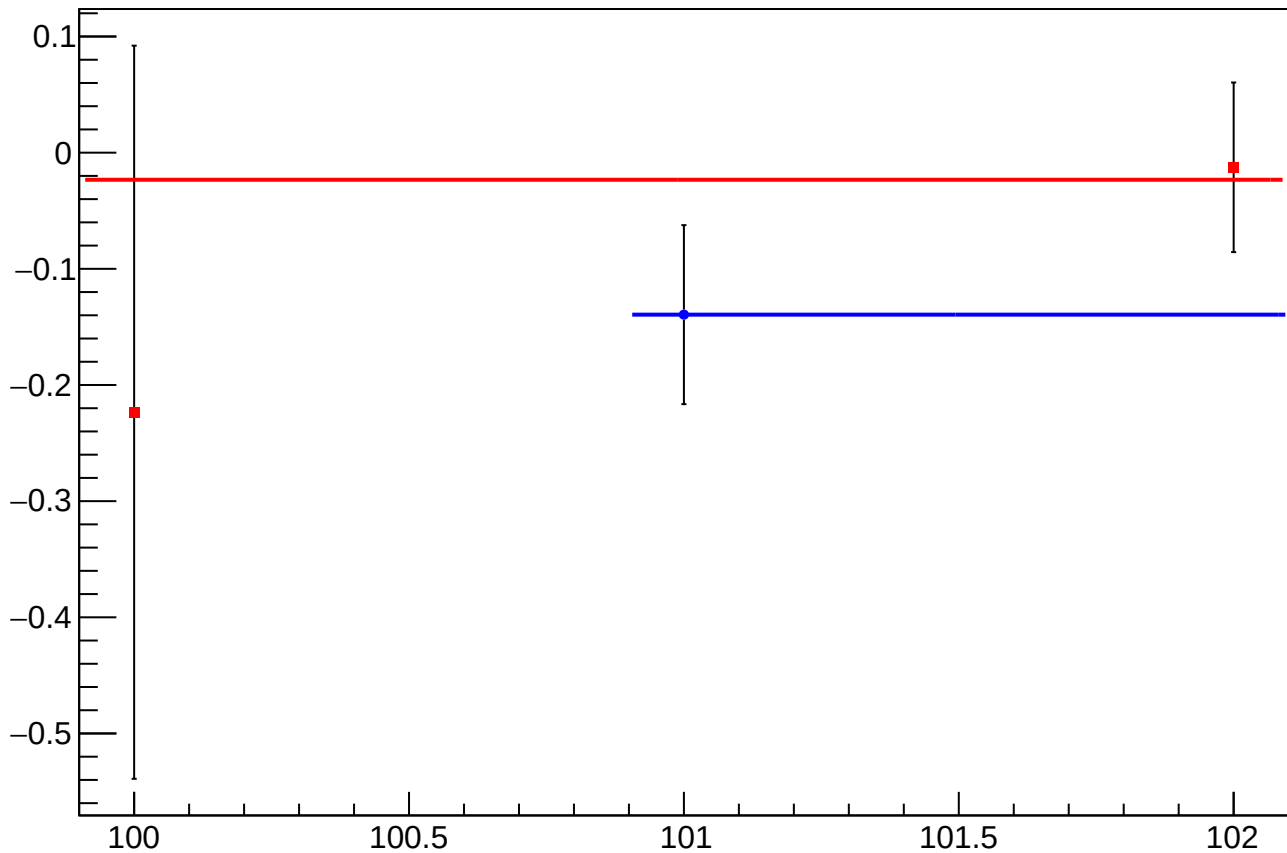
Right: 0.000+/-0.000 χ^2/NDF : 40822.7/2

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 : 40822.7/2

asym_sam_15_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.139+/-0.077 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.023+/-0.071 χ^2/NDF : 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

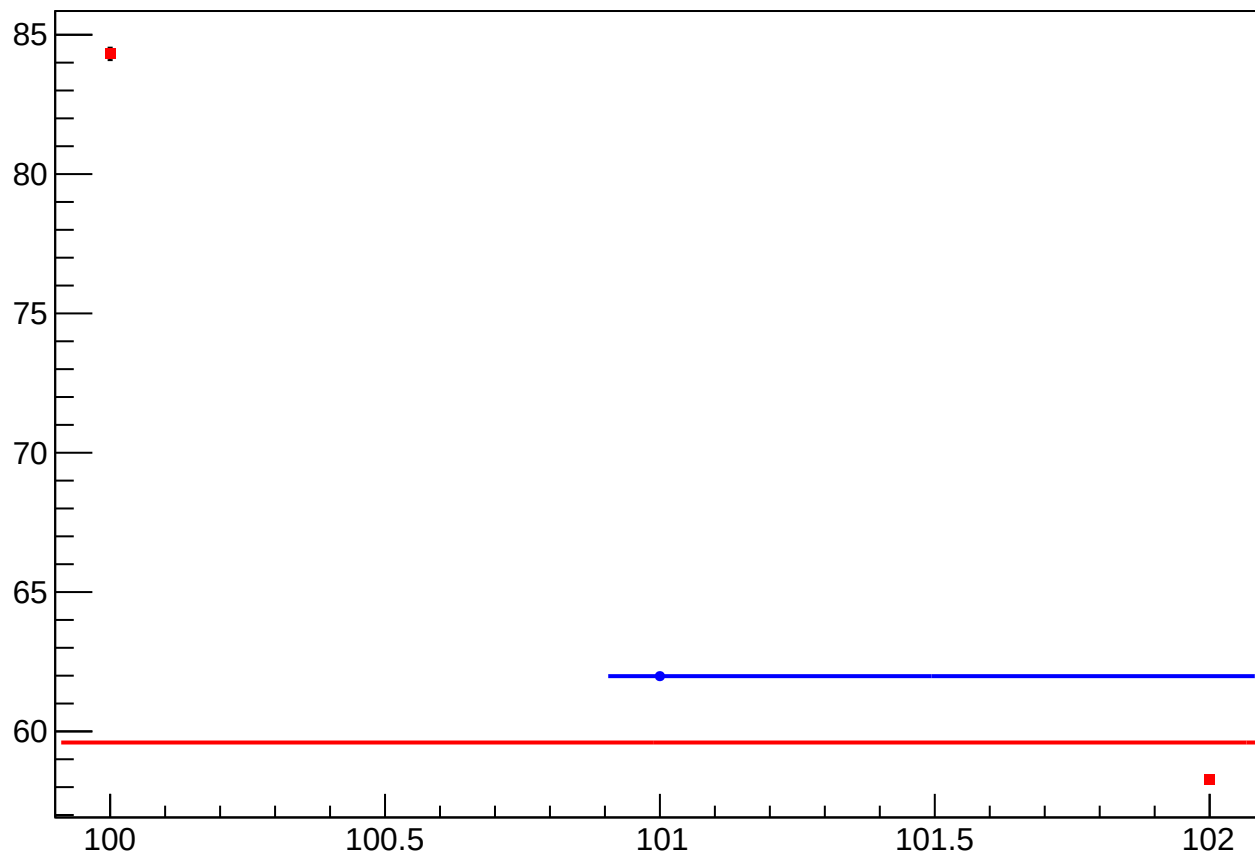
Right: -0.077+/-0.052 χ^2/NDF : 1.7/2

In: -0.139+/-0.077 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.077+/-0.052 χ^2/NDF : 1.7/2

asym_sam_15_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.983 $\pm$ 0.054 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 59.601 $\pm$ 0.050 χ^2 /NDF: 12921.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

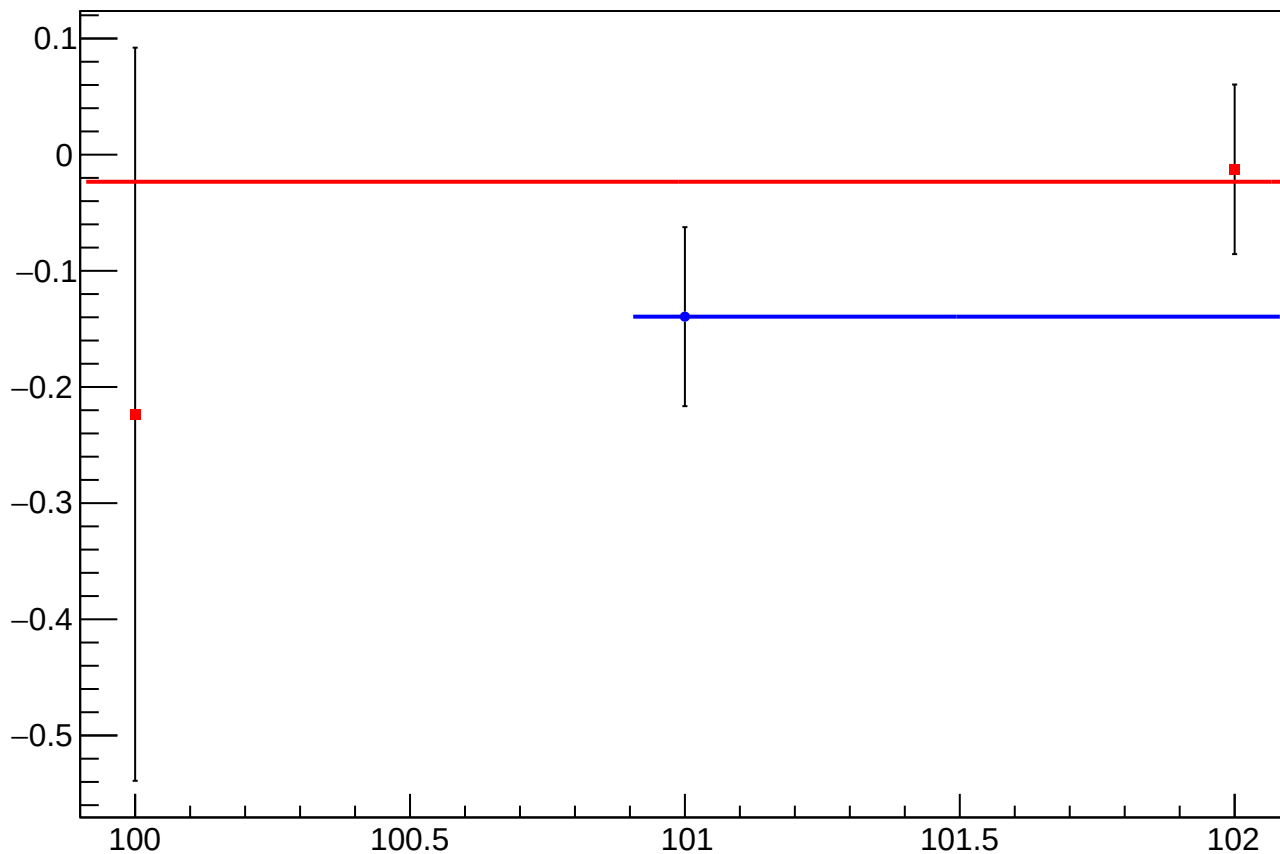
Right: 60.697 $\pm$ 0.037 χ^2 /NDF: 13953.1/2

In: 61.983 $\pm$ 0.054 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 60.697 $\pm$ 0.037 χ^2 /NDF: 13953.1/2

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.139+/-0.077 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.023+/-0.071 χ^2/NDF : 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

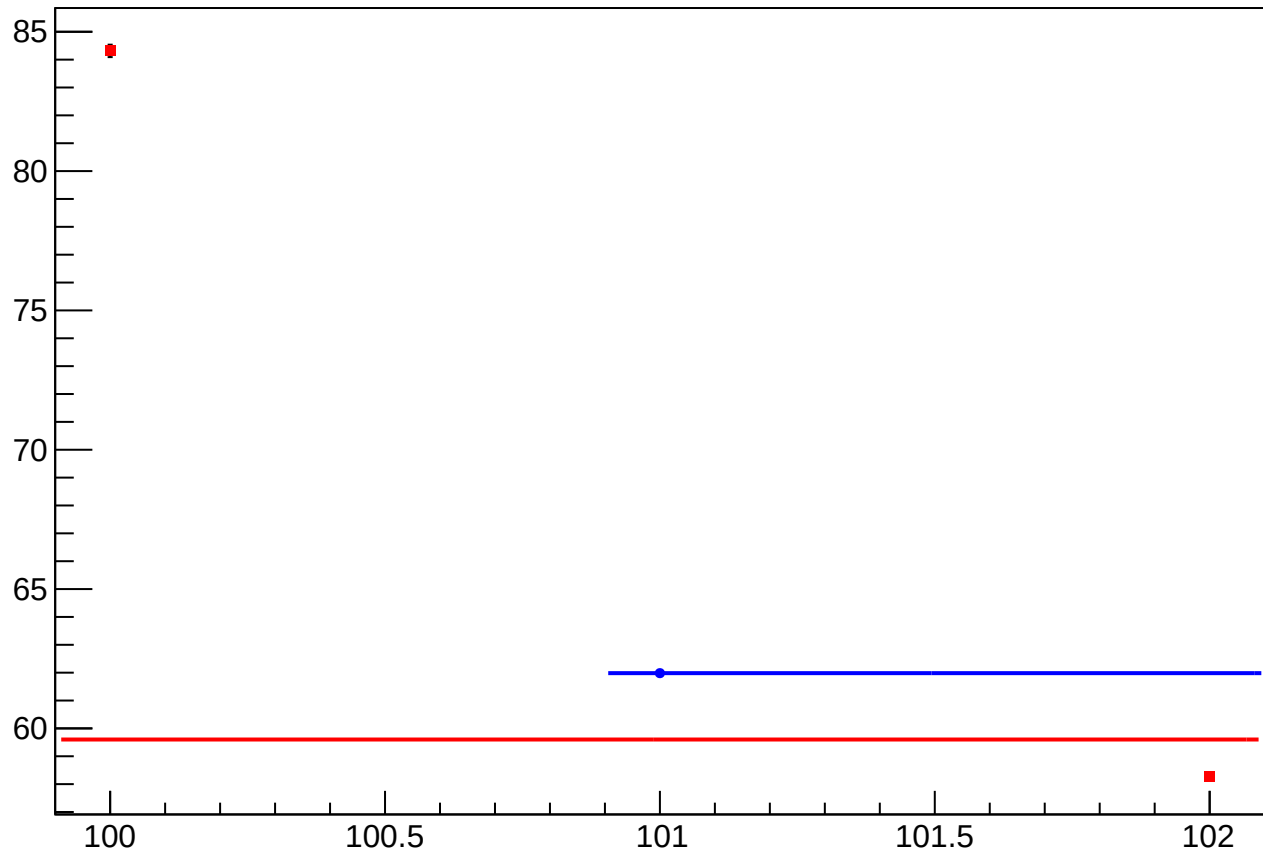
Right: -0.077+/-0.052 χ^2/NDF : 1.7/2

In: -0.139+/-0.077 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.077+/-0.052 χ^2/NDF : 1.7/2

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.983 $\pm$ 0.054 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 59.601 $\pm$ 0.050 χ^2 /NDF: 12921.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

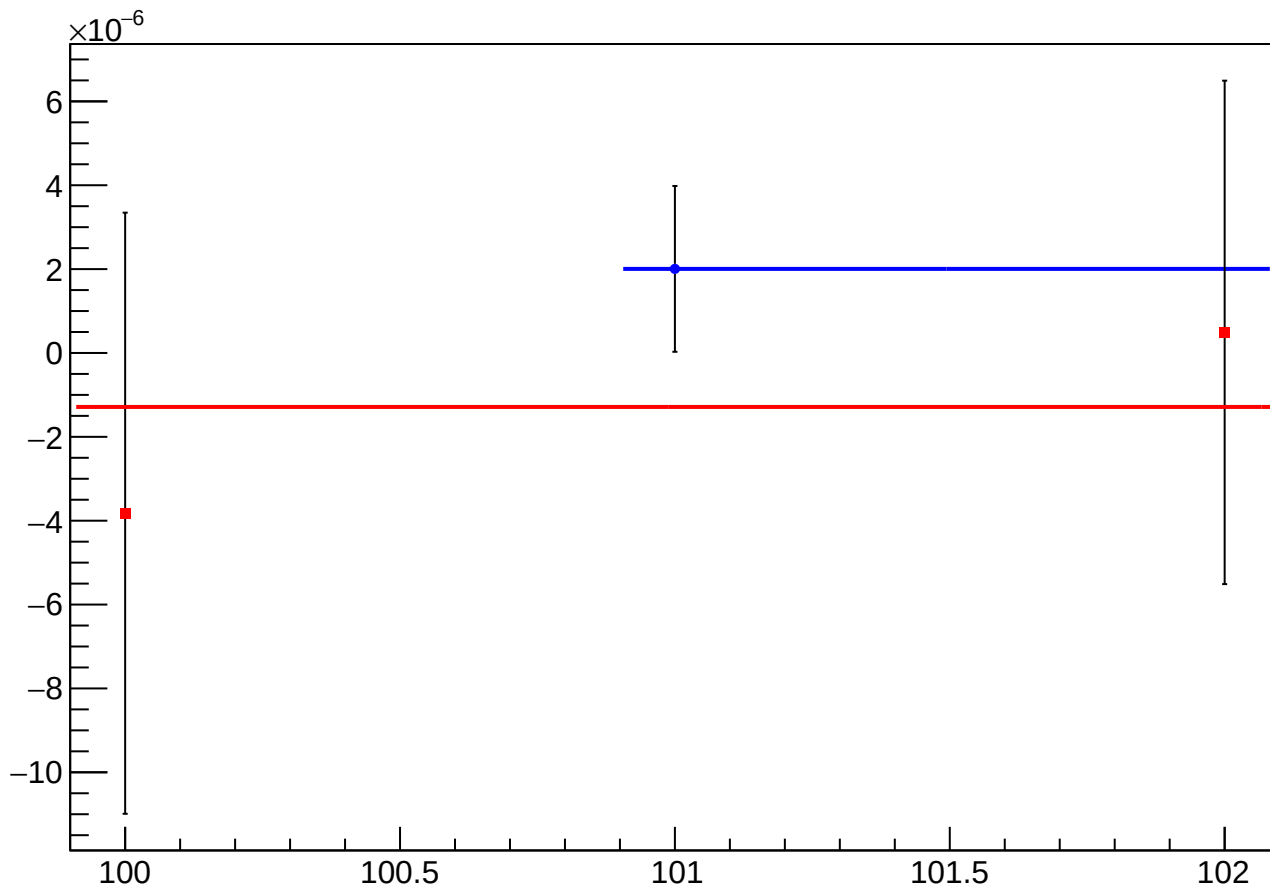
Right: 60.697 $\pm$ 0.037 χ^2 /NDF: 13953.1/2

In: 61.983 $\pm$ 0.054 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 60.697 $\pm$ 0.037 χ^2 /NDF: 13953.1/2

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_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 : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

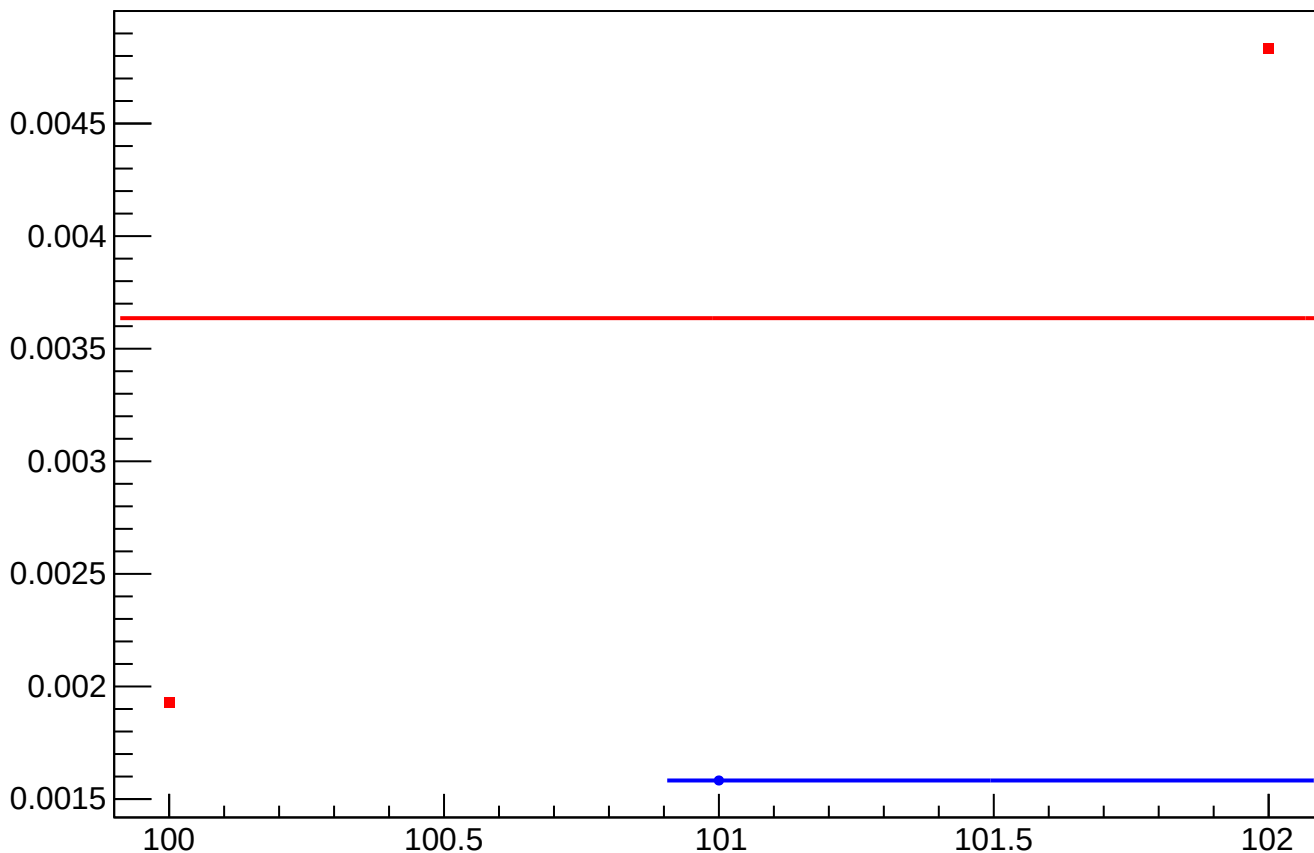
Right: 0.000+/-0.000 χ^2/NDF : 0.6/2

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 : 0.6/2

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 192895.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

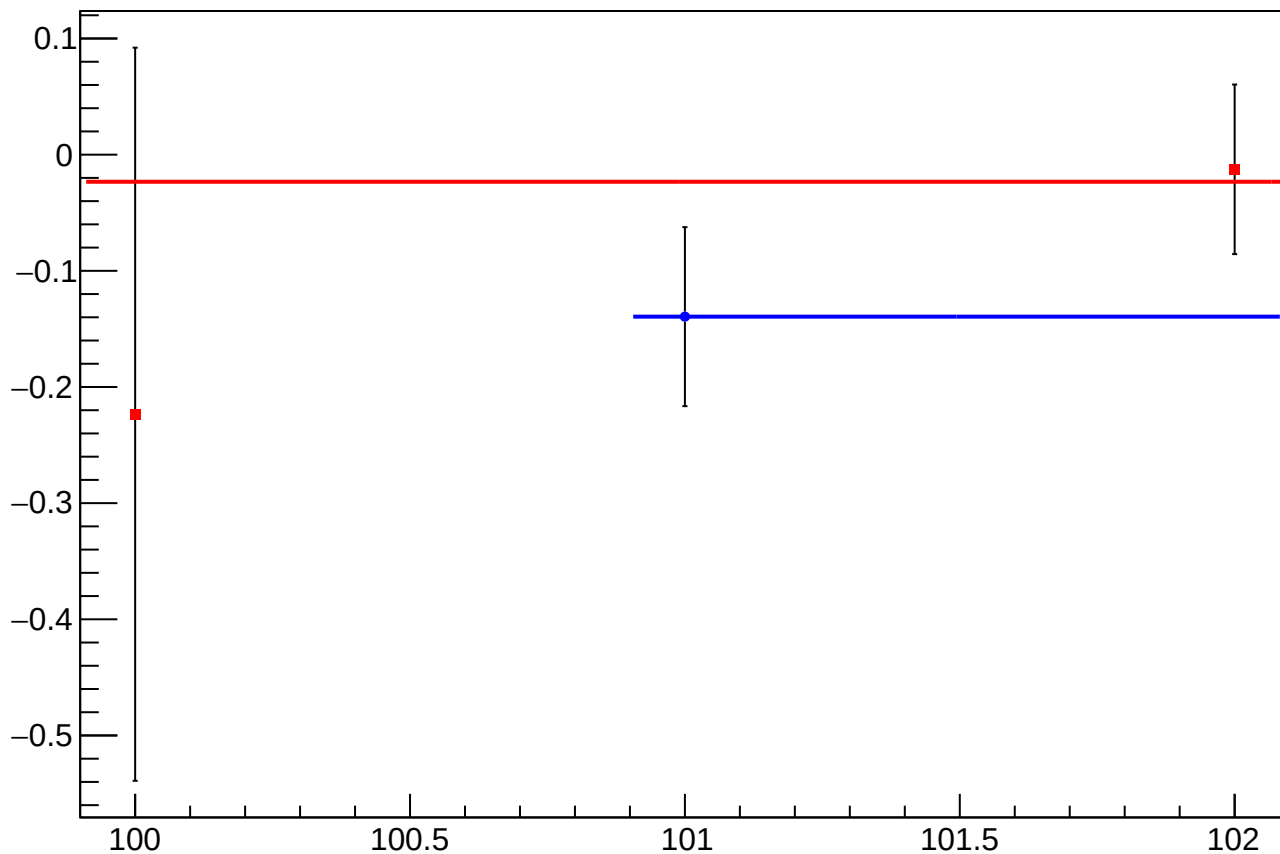
Right: 0.002 $\pm$ 0.000 χ^2 /NDF: 528926.6/2

In: 0.002 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 528926.6/2

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.139+/-0.077 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.023+/-0.071 χ^2/NDF : 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

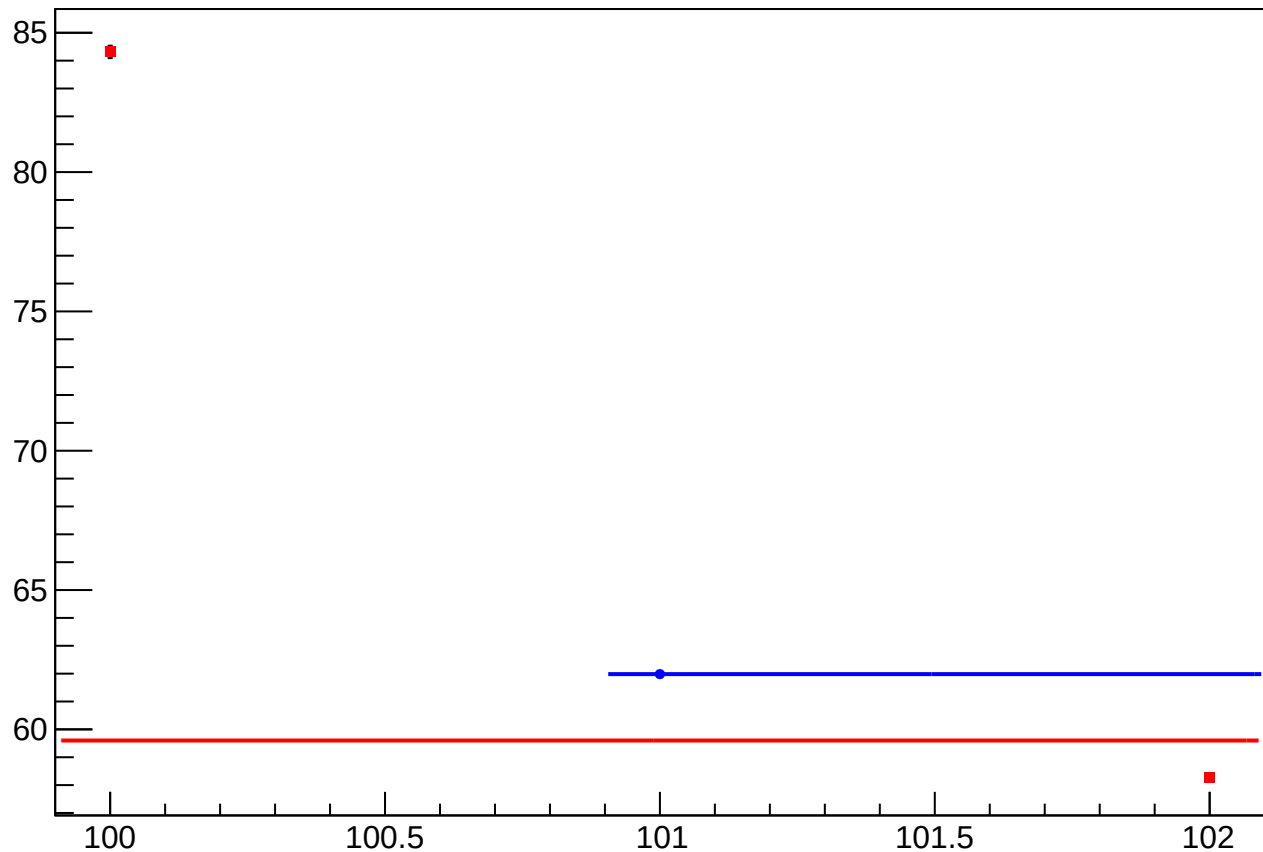
Right: -0.077+/-0.052 χ^2/NDF : 1.7/2

In: -0.139+/-0.077 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.077+/-0.052 χ^2/NDF : 1.7/2

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.983 $\pm$ 0.054 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 59.600 $\pm$ 0.050 χ^2 /NDF: 12922.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

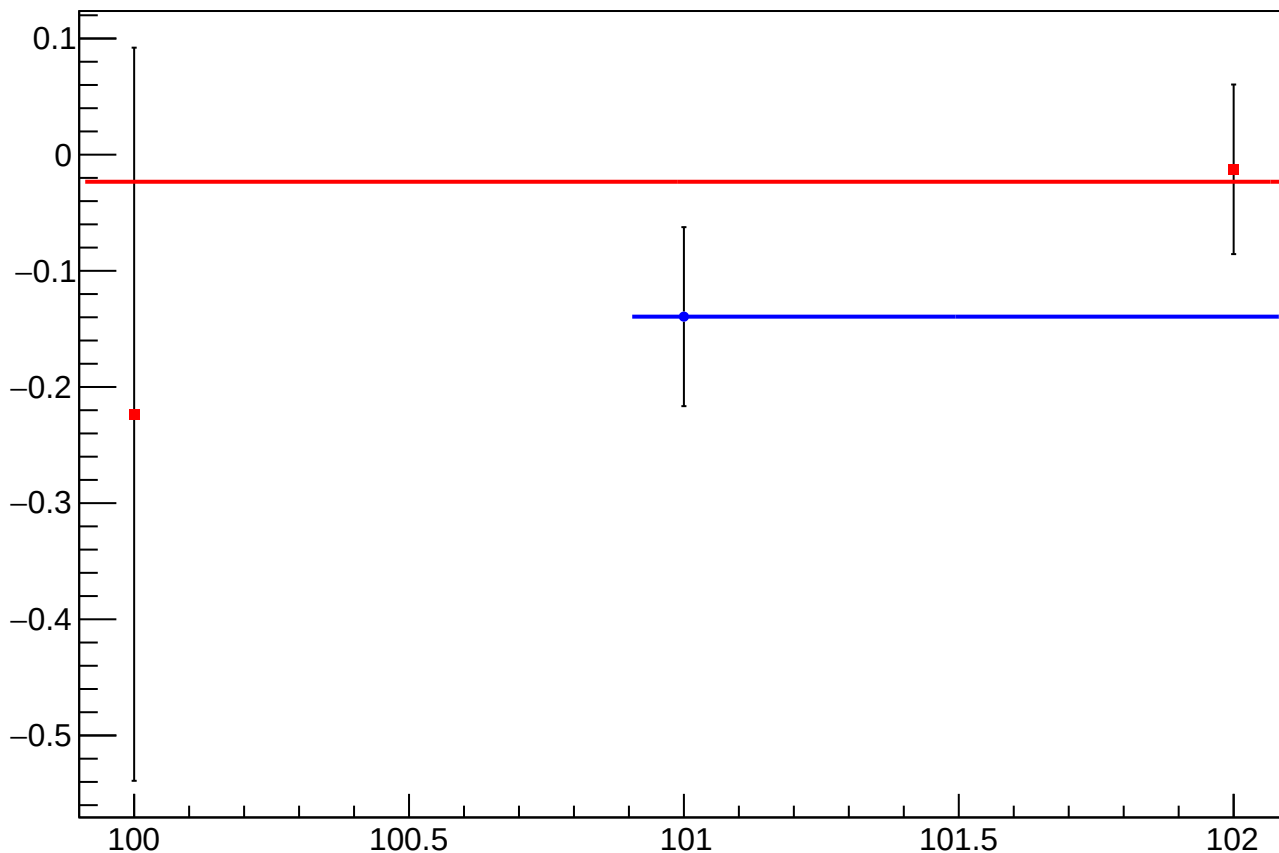
Right: 60.696 $\pm$ 0.037 χ^2 /NDF: 13955.4/2

In: 61.983 $\pm$ 0.054 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 60.696 $\pm$ 0.037 χ^2 /NDF: 13955.4/2

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.139+/-0.077 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.023+/-0.071 χ^2/NDF : 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

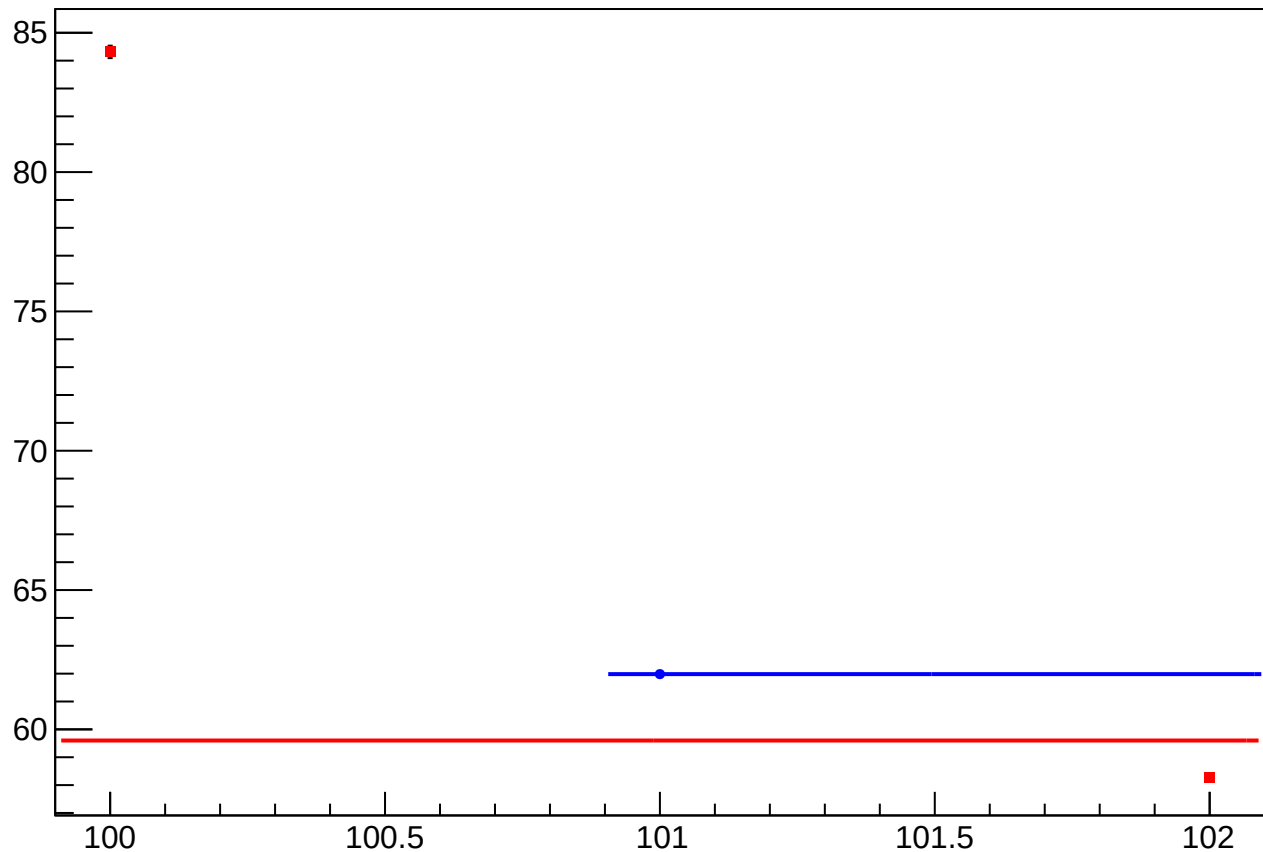
Right: -0.077+/-0.052 χ^2/NDF : 1.7/2

In: -0.139+/-0.077 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.077+/-0.052 χ^2/NDF : 1.7/2

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.983 $\pm$ 0.054 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 59.600 $\pm$ 0.050 χ^2 /NDF: 12922.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

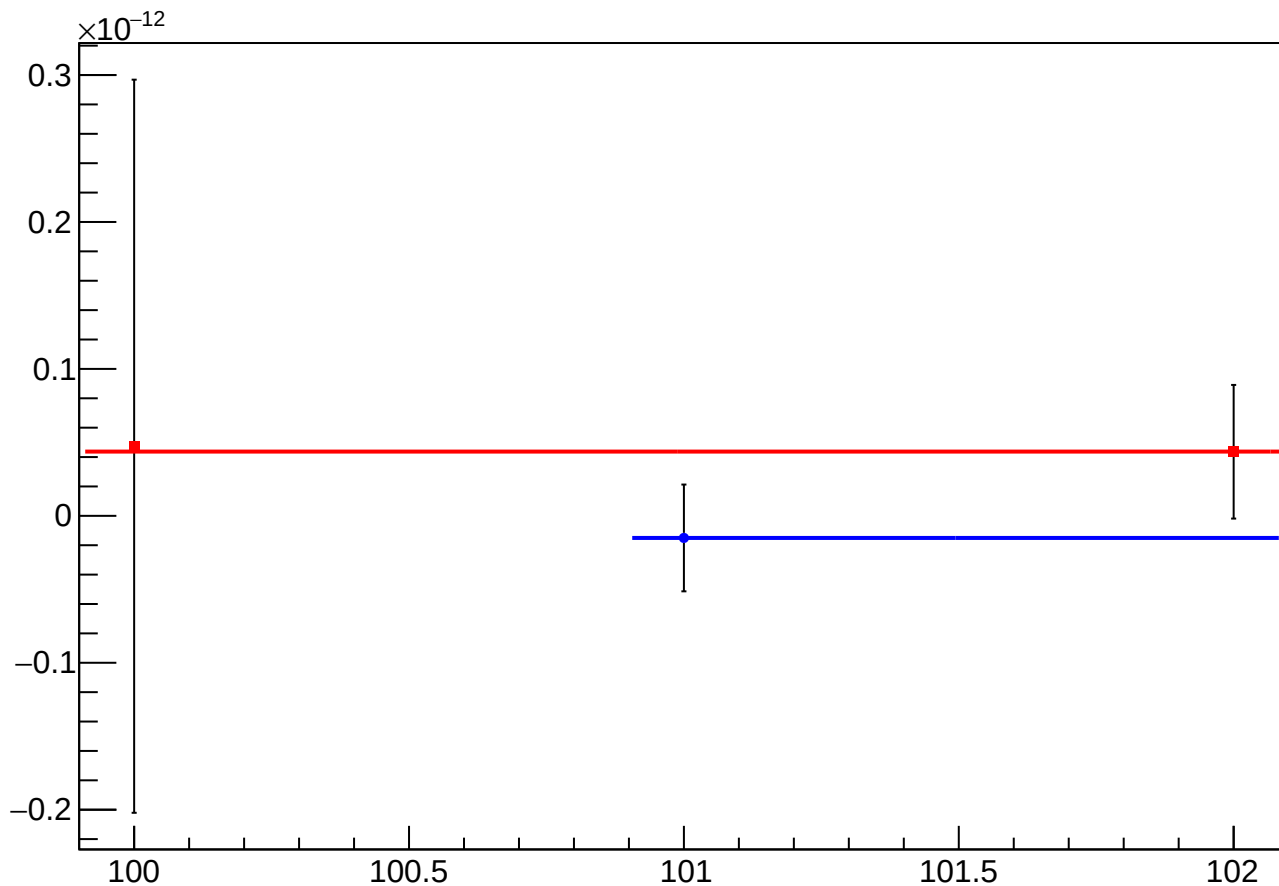
Right: 60.696 $\pm$ 0.037 χ^2 /NDF: 13955.4/2

In: 61.983 $\pm$ 0.054 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 60.696 $\pm$ 0.037 χ^2 /NDF: 13955.4/2

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_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 : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

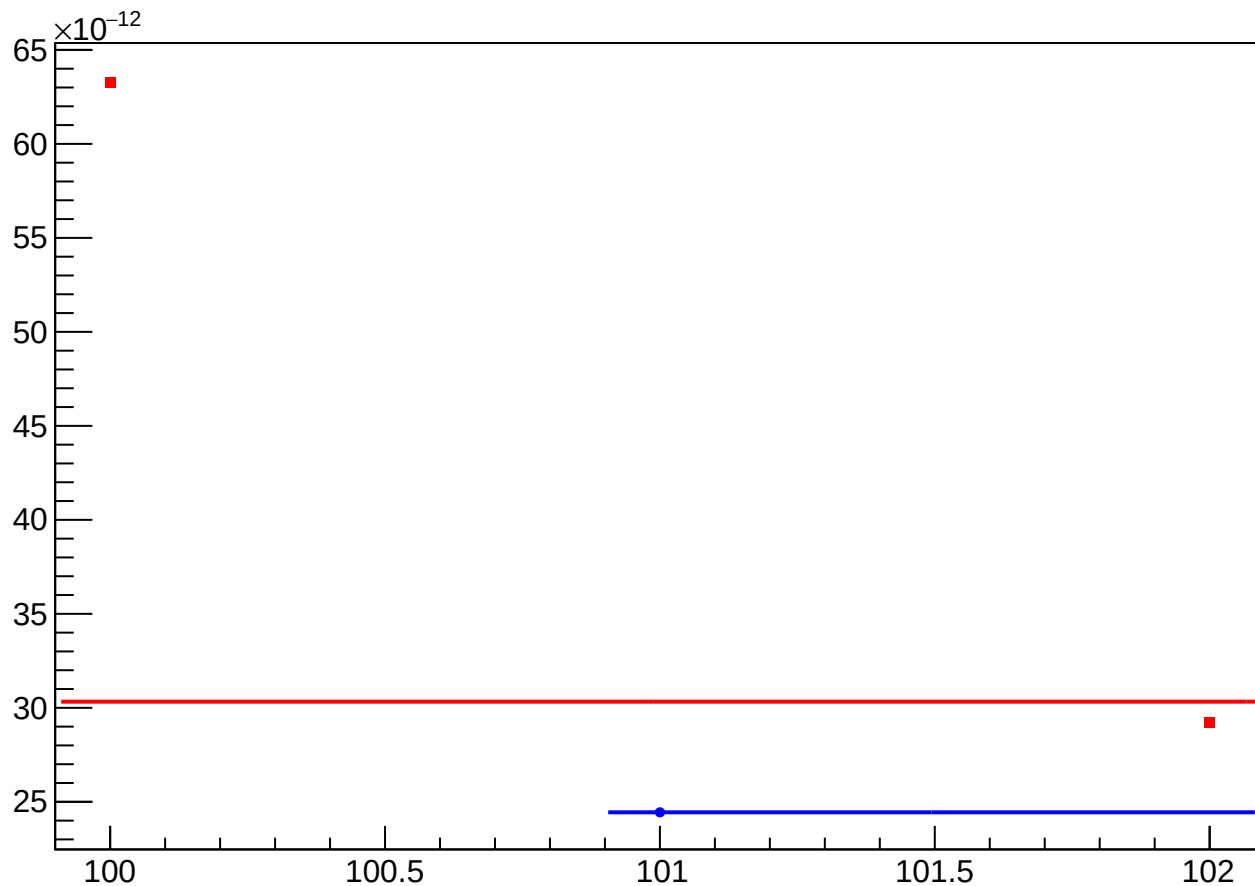
Right: 0.000+/-0.000 χ^2/NDF : 1.0/2

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 : 1.0/2

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_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 : 35965.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

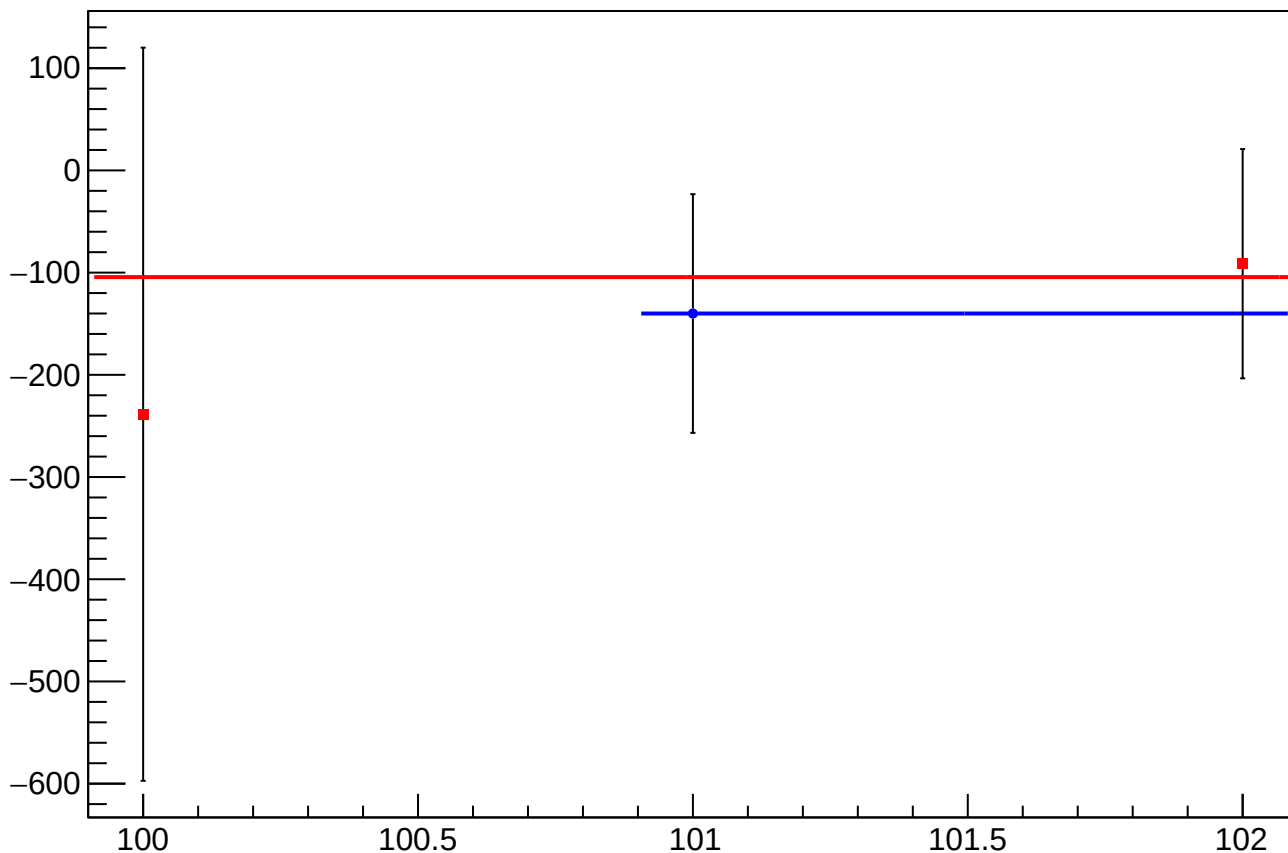
Right: 0.000+/-0.000 χ^2/NDF : 56826.2/2

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 : 56826.2/2

reg_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -140.009+/-116.769 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -104.384+/-107.040 χ^2 /NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

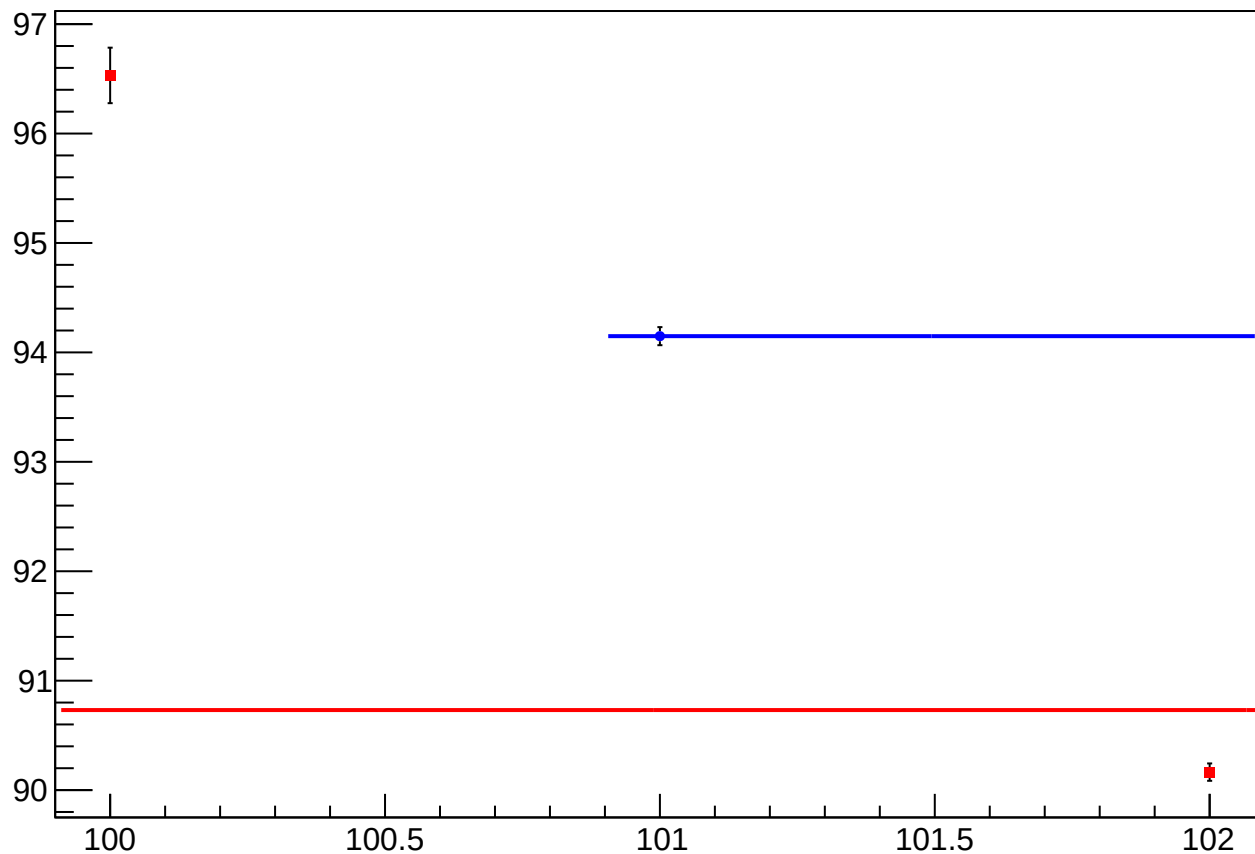
Right: -120.651+/-78.904 χ^2 /NDF: 0.2/2

In: -140.009+/-116.769 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -120.651+/-78.904 χ^2 /NDF: 0.2/2

reg_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 94.148 $\pm$ 0.083 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 90.731 $\pm$ 0.076 χ^2 /NDF: 574.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

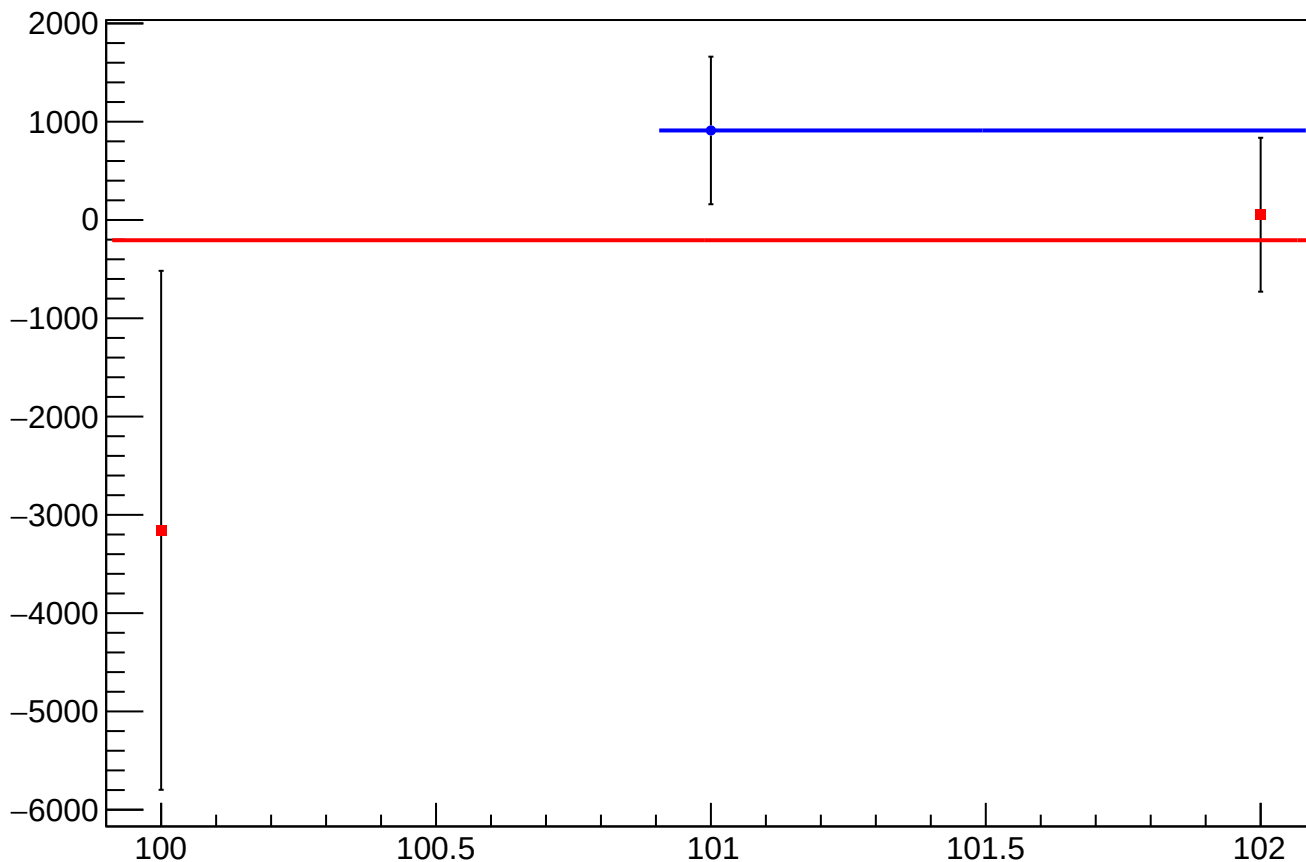
Right: 92.292 $\pm$ 0.056 χ^2 /NDF: 1504.8/2

In: 94.148 $\pm$ 0.083 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 92.292 $\pm$ 0.056 χ^2 /NDF: 1504.8/2

asym_sam_37_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 910.859 $\pm$ 750.696 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -206.120 $\pm$ 750.590 χ^2 /NDF: 1.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

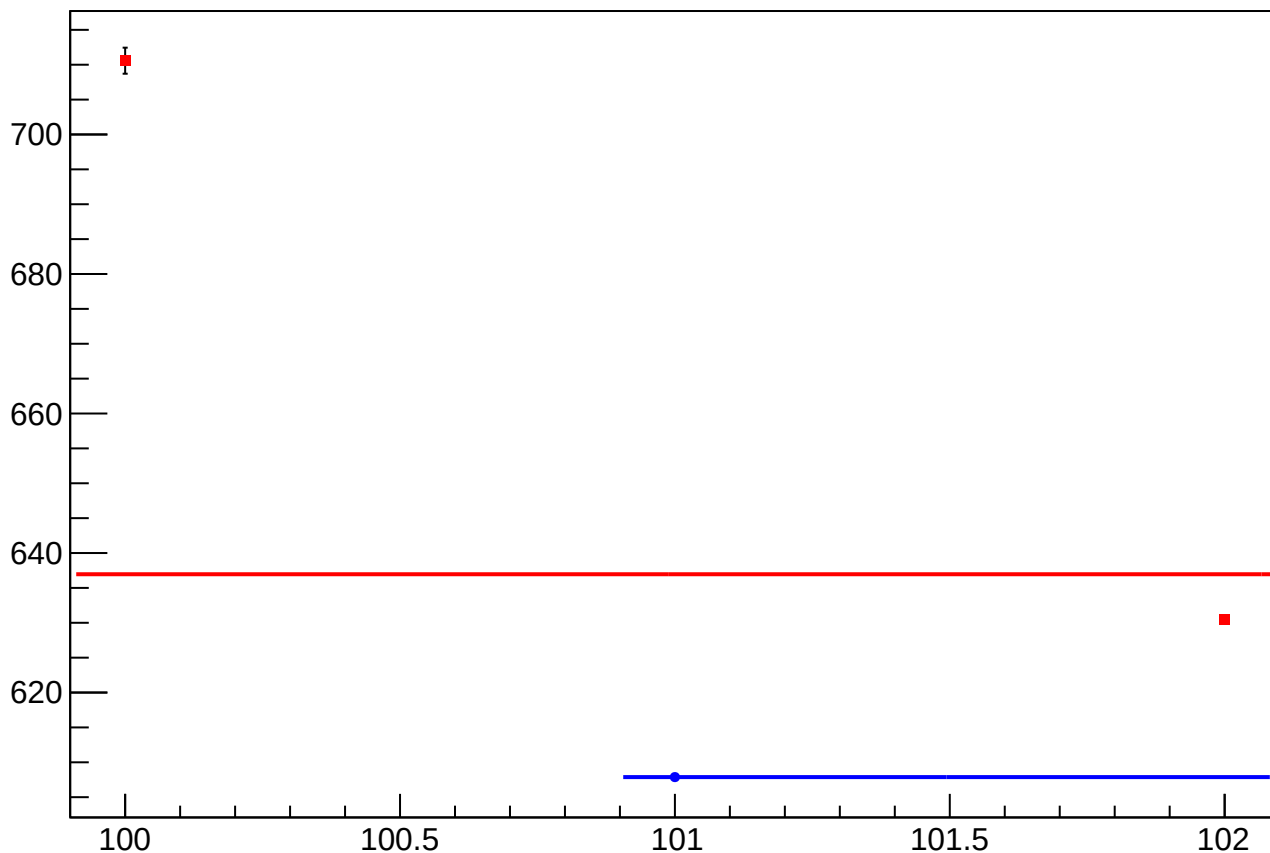
Right: 352.290 $\pm$ 530.785 χ^2 /NDF: 2.5/2

In: 910.859 $\pm$ 750.696 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 352.290 $\pm$ 530.785 χ^2 /NDF: 2.5/2

asym_sam_37_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 607.880 $\pm$ 0.531 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 636.959 $\pm$ 0.531 χ^2 /NDF: 1692.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

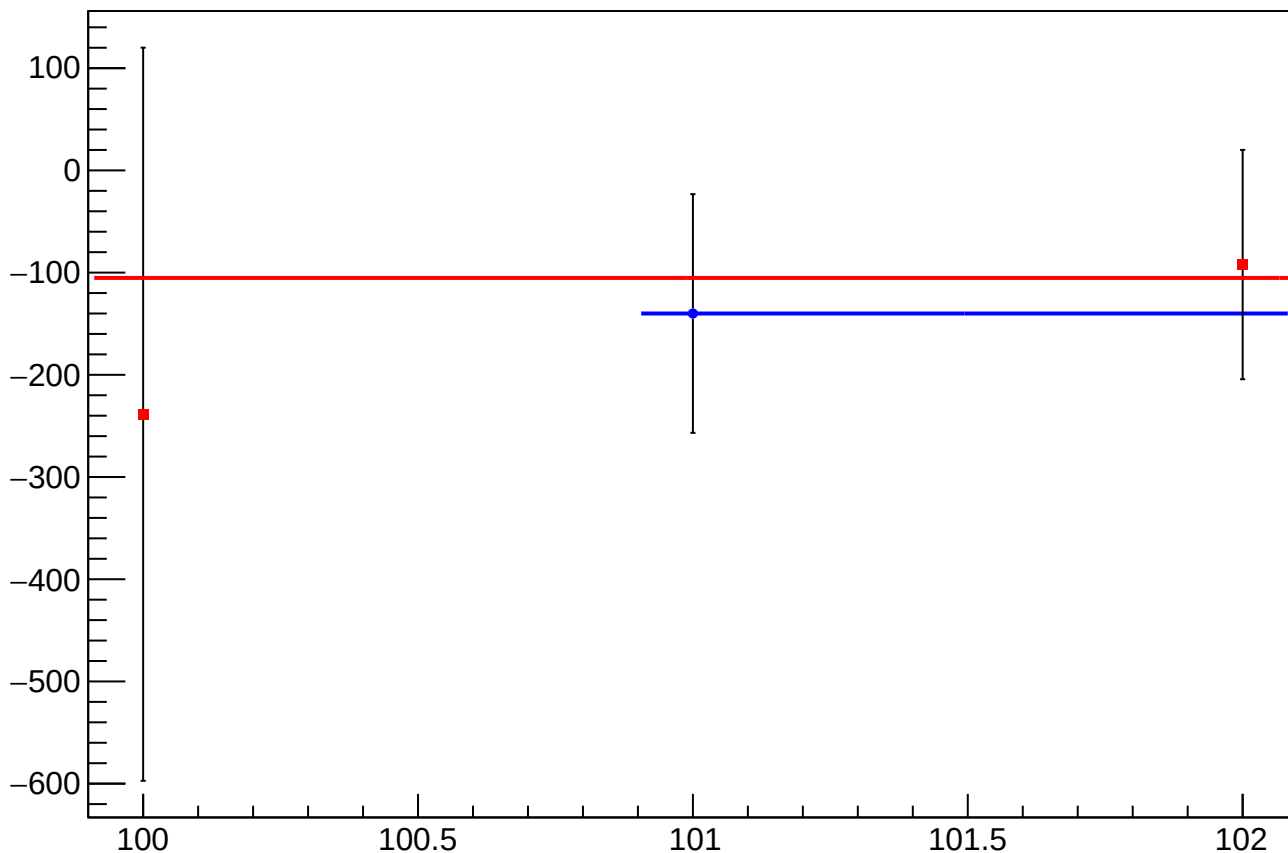
Right: 622.421 $\pm$ 0.375 χ^2 /NDF: 3192.7/2

In: 607.880 $\pm$ 0.531 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 622.421 $\pm$ 0.375 χ^2 /NDF: 3192.7/2

cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -140.007 $\pm$ 116.769 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -105.191 $\pm$ 107.056 χ^2 /NDF: 0.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

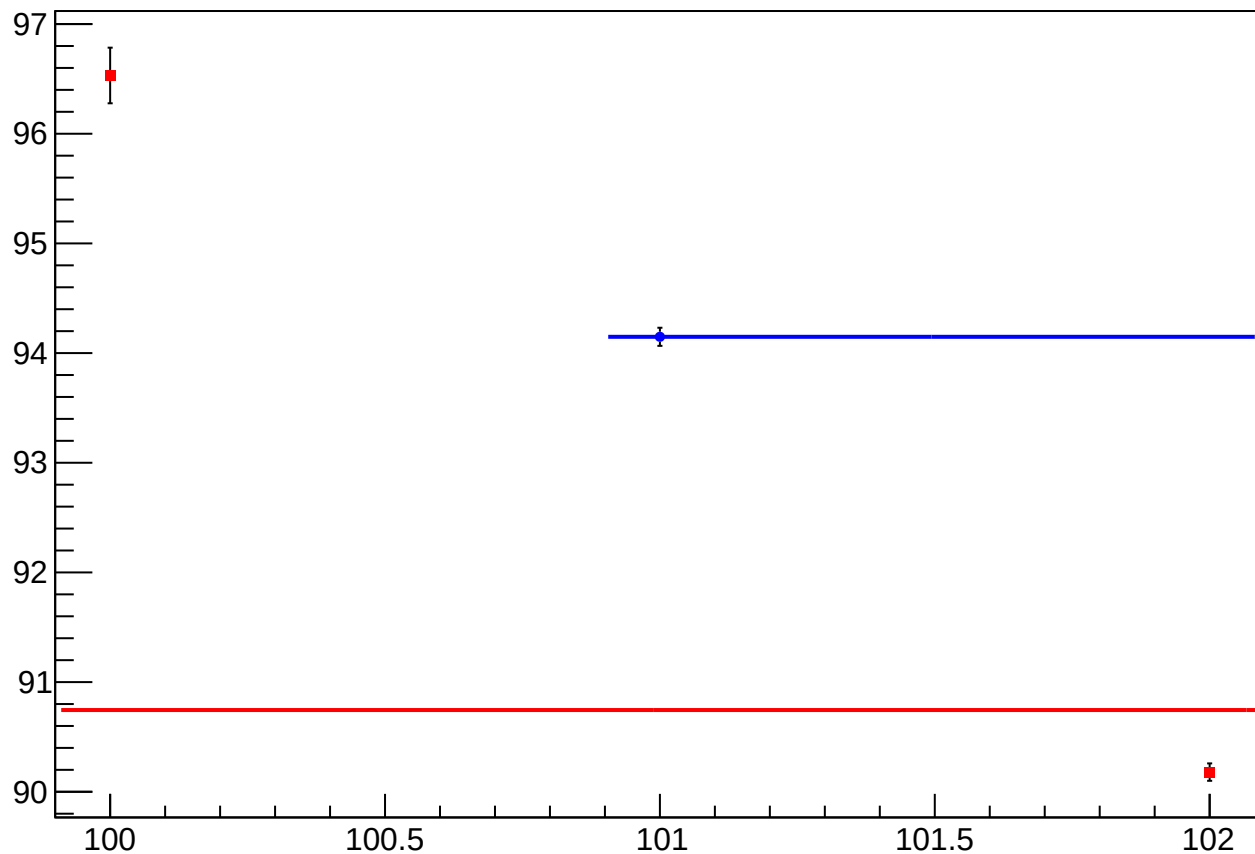
Right: -121.091 $\pm$ 78.911 χ^2 /NDF: 0.2/2

In: -140.007 $\pm$ 116.769 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -121.091 $\pm$ 78.911 χ^2 /NDF: 0.2/2

cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 94.148 $\pm$ 0.083 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 90.745 $\pm$ 0.076 χ^2 /NDF: 571.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

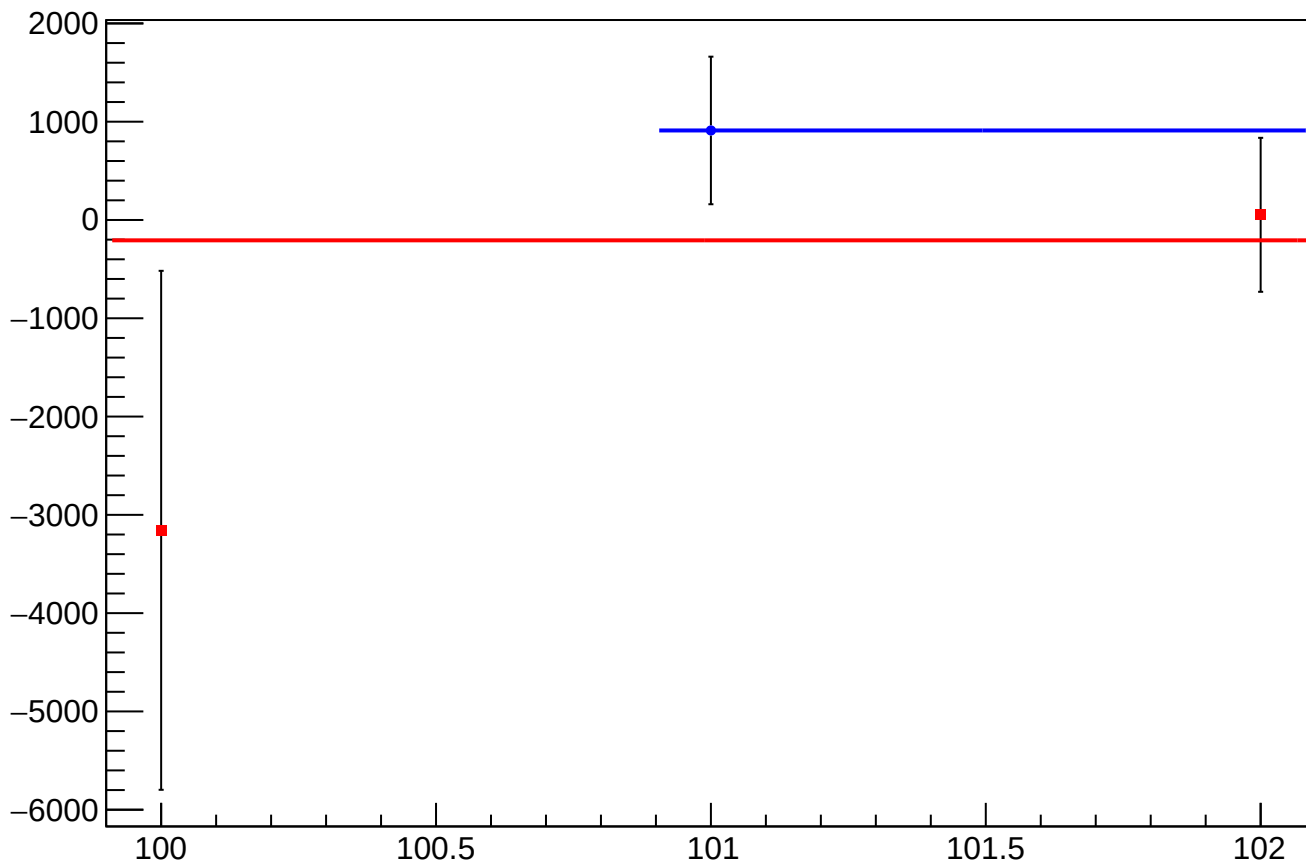
Right: 92.299 $\pm$ 0.056 χ^2 /NDF: 1494.4/2

In: 94.148 $\pm$ 0.083 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 92.299 $\pm$ 0.056 χ^2 /NDF: 1494.4/2

asym_sam_37_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 910.837 $\pm$ 750.698 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -207.103 $\pm$ 750.860 χ^2 /NDF: 1.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

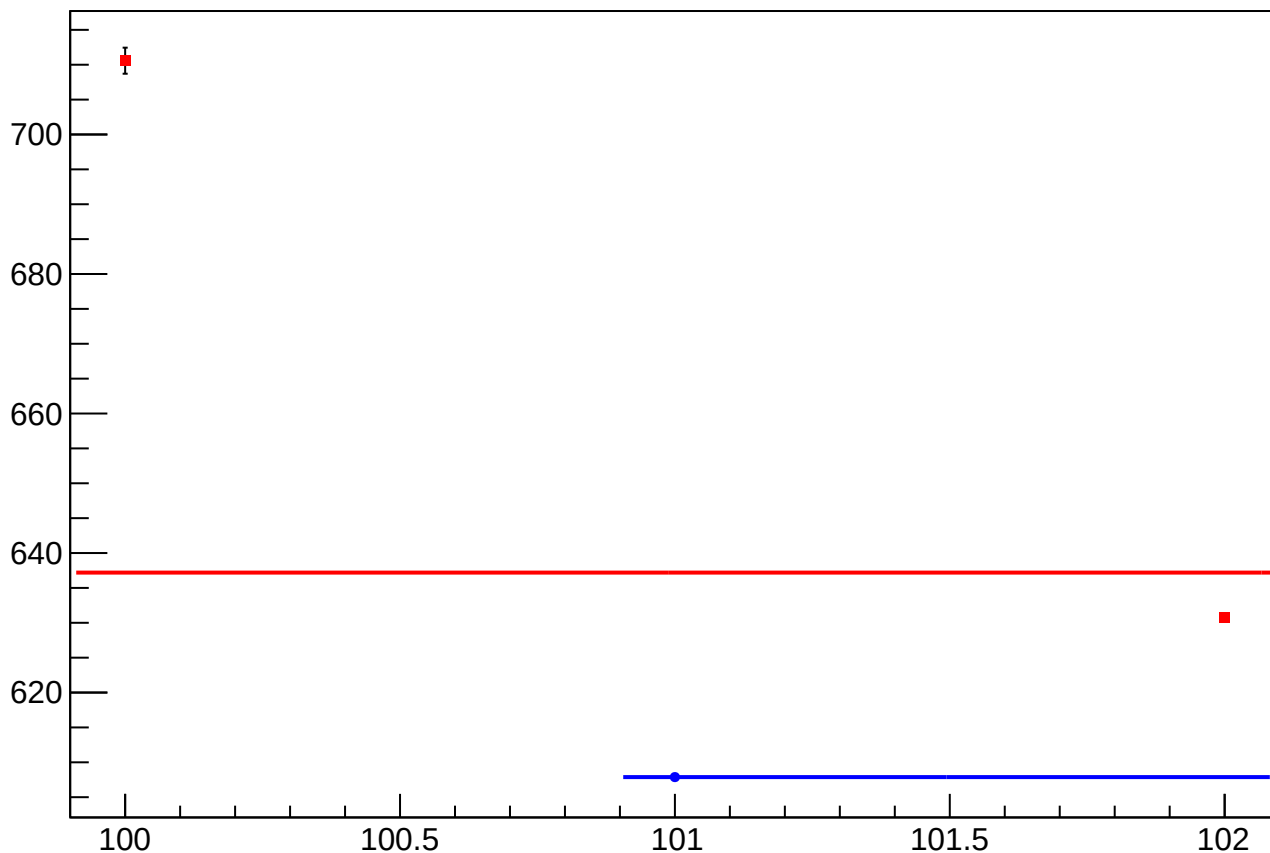
Right: 351.988 $\pm$ 530.881 χ^2 /NDF: 2.5/2

In: 910.837 $\pm$ 750.698 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 351.988 $\pm$ 530.881 χ^2 /NDF: 2.5/2

asym_sam_37_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 607.881 $\pm$ 0.531 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 637.197 $\pm$ 0.531 χ^2 /NDF: 1681.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

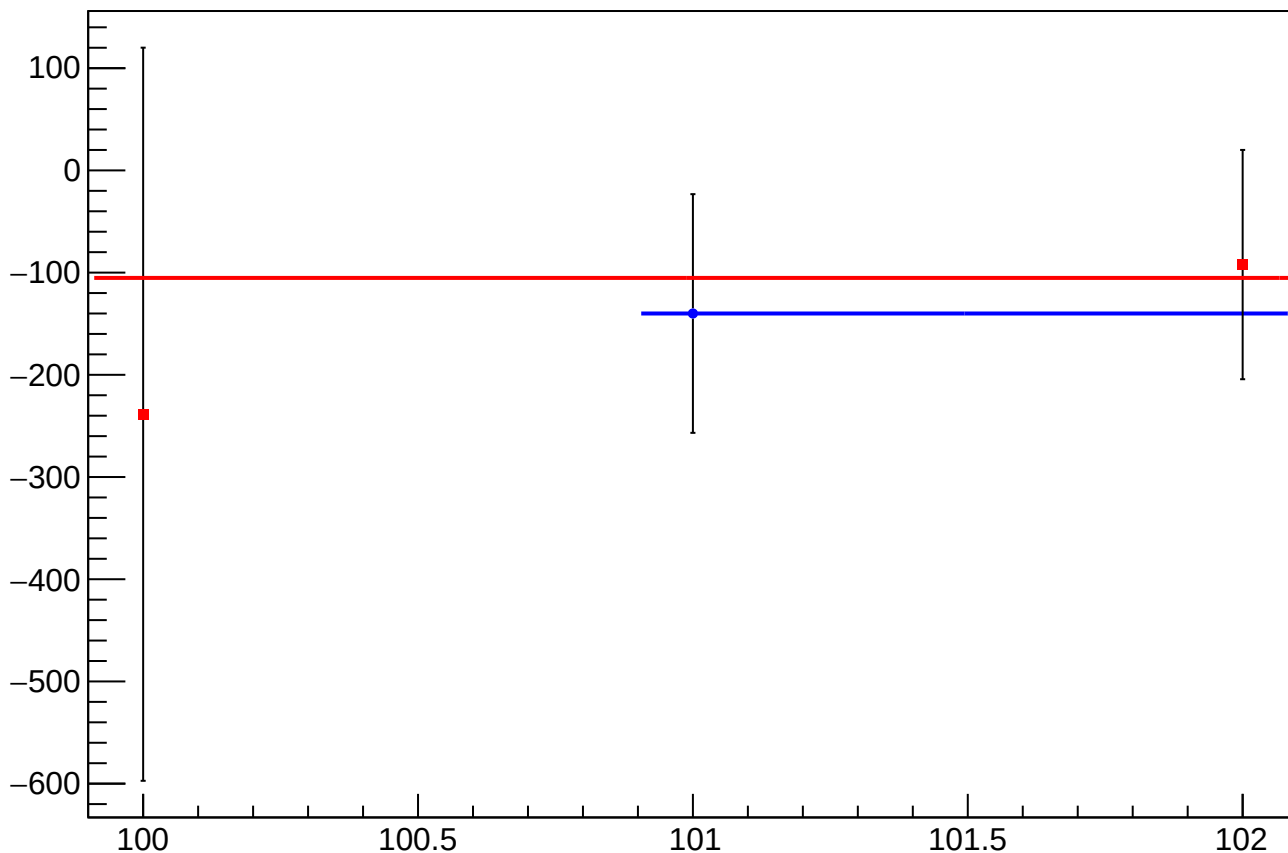
Right: 622.535 $\pm$ 0.375 χ^2 /NDF: 3205.9/2

In: 607.881 $\pm$ 0.531 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 622.535 $\pm$ 0.375 χ^2 /NDF: 3205.9/2

eigen_cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -140.007+/-116.769 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -105.191+/-107.056 χ^2 /NDF: 0.2/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

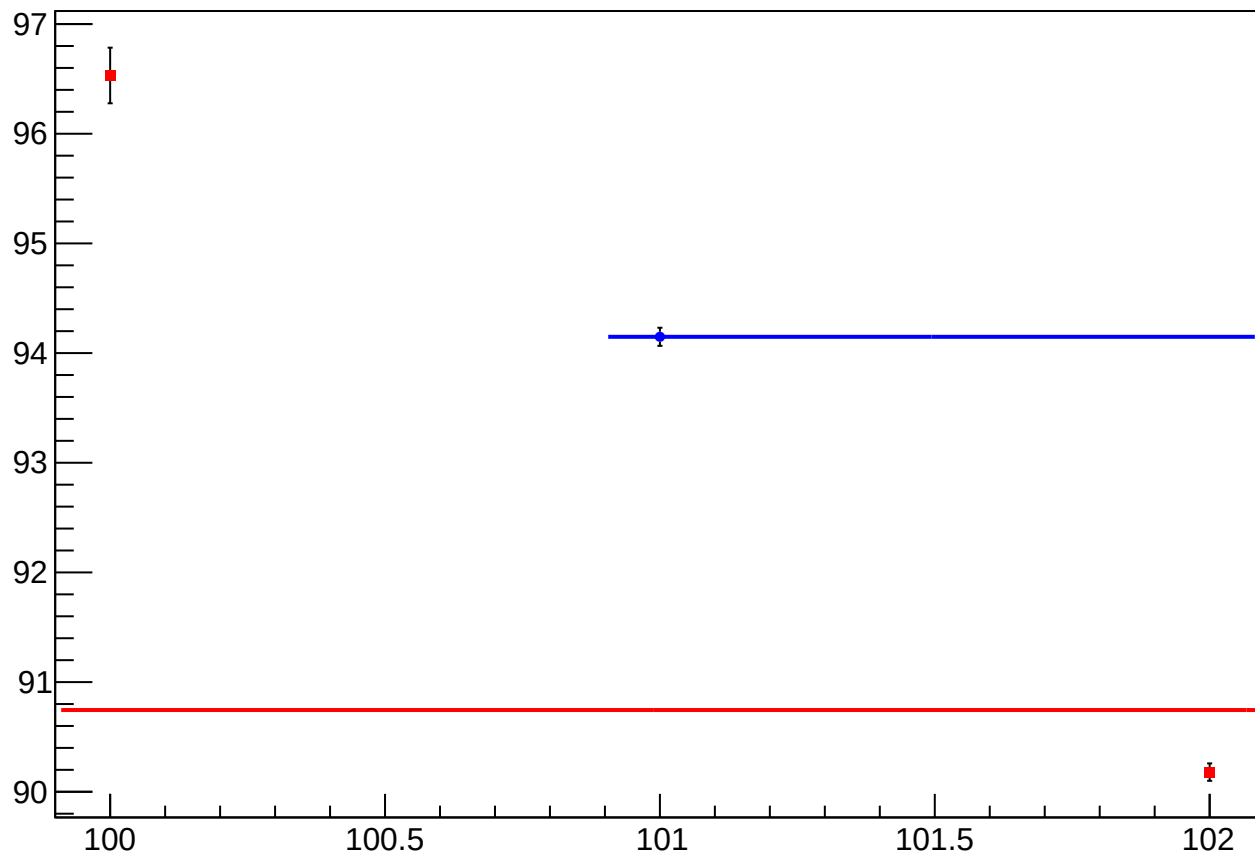
Right: -121.091+/-78.911 χ^2 /NDF: 0.2/2

In: -140.007+/-116.769 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -121.091+/-78.911 χ^2 /NDF: 0.2/2

eigen_cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 94.148 $\pm$ 0.083 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 90.745 $\pm$ 0.076 χ^2 /NDF: 571.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

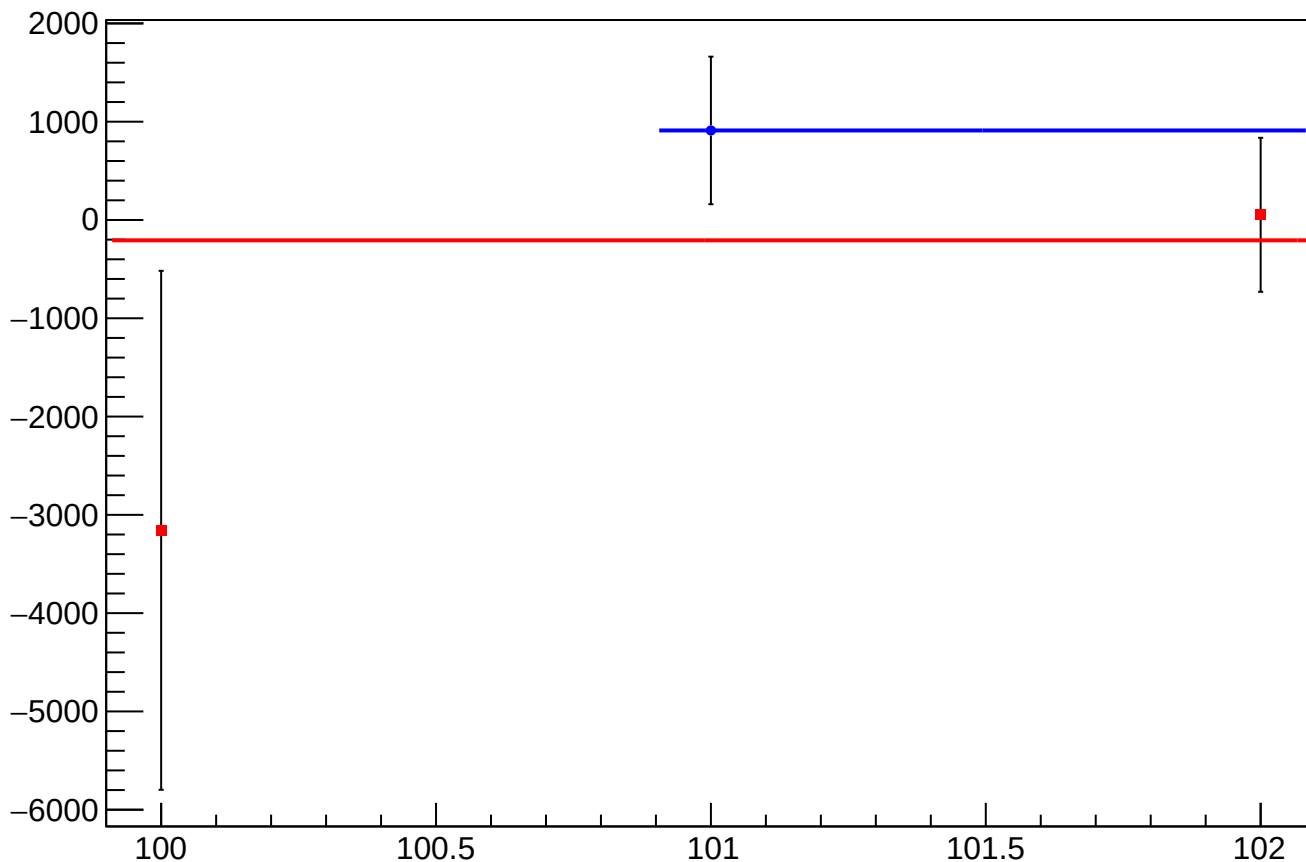
Right: 92.299 $\pm$ 0.056 χ^2 /NDF: 1494.4/2

In: 94.148 $\pm$ 0.083 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 92.299 $\pm$ 0.056 χ^2 /NDF: 1494.4/2

asym_sam_37_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 910.837 $\pm$ 750.698 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -207.103 $\pm$ 750.860 χ^2 /NDF: 1.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

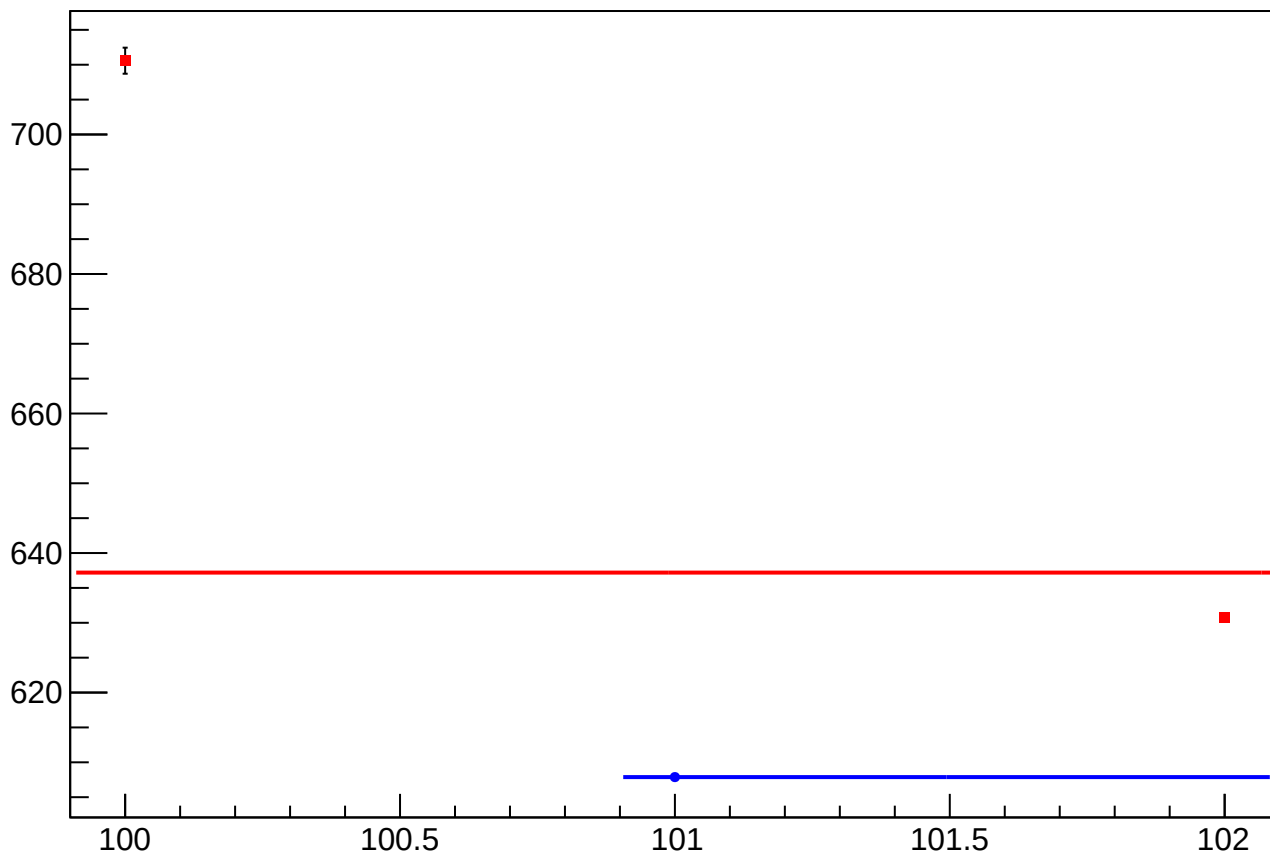
Right: 351.988 $\pm$ 530.881 χ^2 /NDF: 2.5/2

In: 910.837 $\pm$ 750.698 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 351.988 $\pm$ 530.881 χ^2 /NDF: 2.5/2

asym_sam_37_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 607.881 $\pm$ 0.531 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 637.197 $\pm$ 0.531 χ^2 /NDF: 1681.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

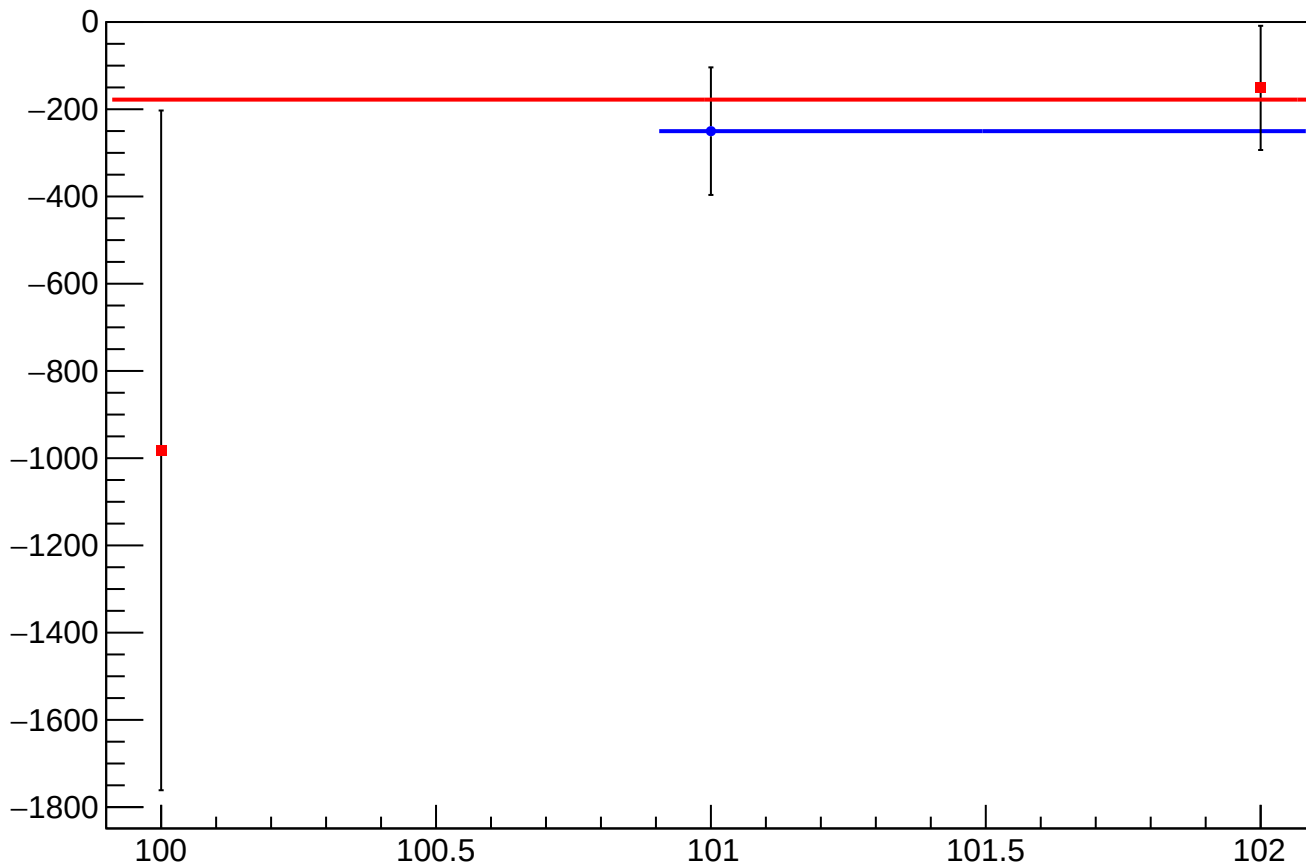
Right: 622.535 $\pm$ 0.375 χ^2 /NDF: 3205.9/2

In: 607.881 $\pm$ 0.531 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 622.535 $\pm$ 0.375 χ^2 /NDF: 3205.9/2

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -250.216+/-146.248 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -177.914+/-140.043 χ^2 /NDF: 1.1/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

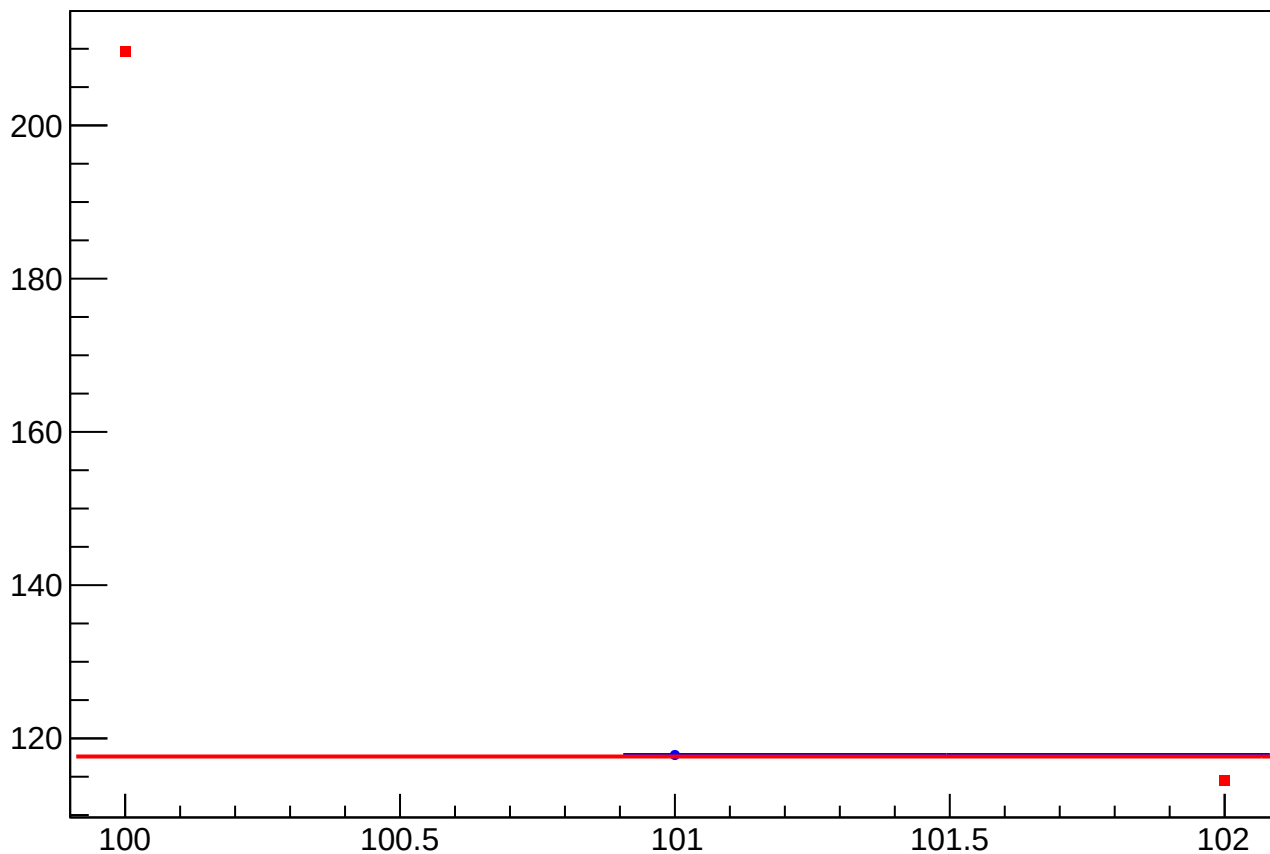
Right: -212.499+/-101.148 χ^2 /NDF: 1.2/2

In: -250.216+/-146.248 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -212.499+/-101.148 χ^2 /NDF: 1.2/2

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 117.835 $\pm$ 0.103 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 117.638 $\pm$ 0.099 χ^2 /NDF: 28785.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

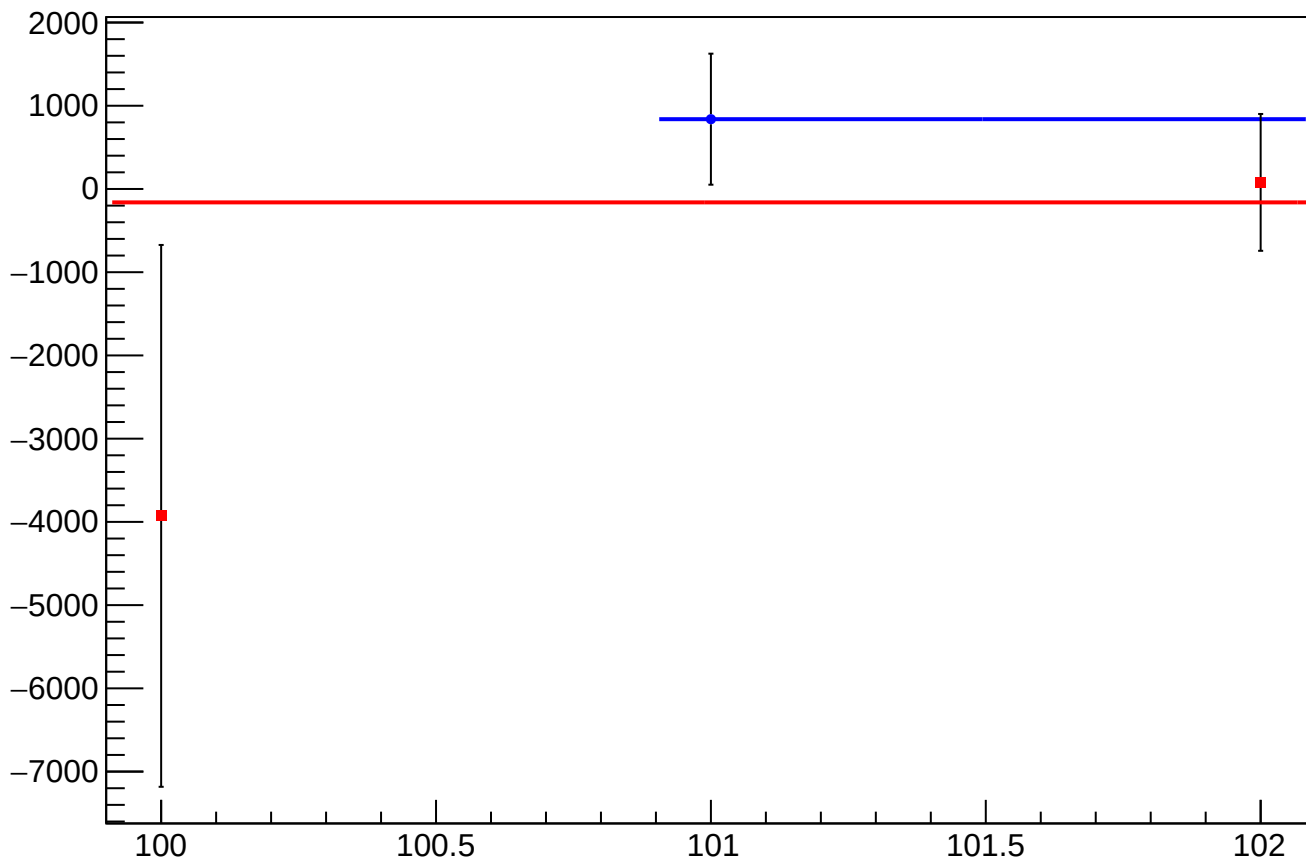
Right: 117.732 $\pm$ 0.072 χ^2 /NDF: 28786.9/2

In: 117.835 $\pm$ 0.103 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 117.732 $\pm$ 0.072 χ^2 /NDF: 28786.9/2

asym_sam_37_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 838.452 $\pm$ 787.134 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -161.155 $\pm$ 797.035 χ^2 /NDF: 1.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

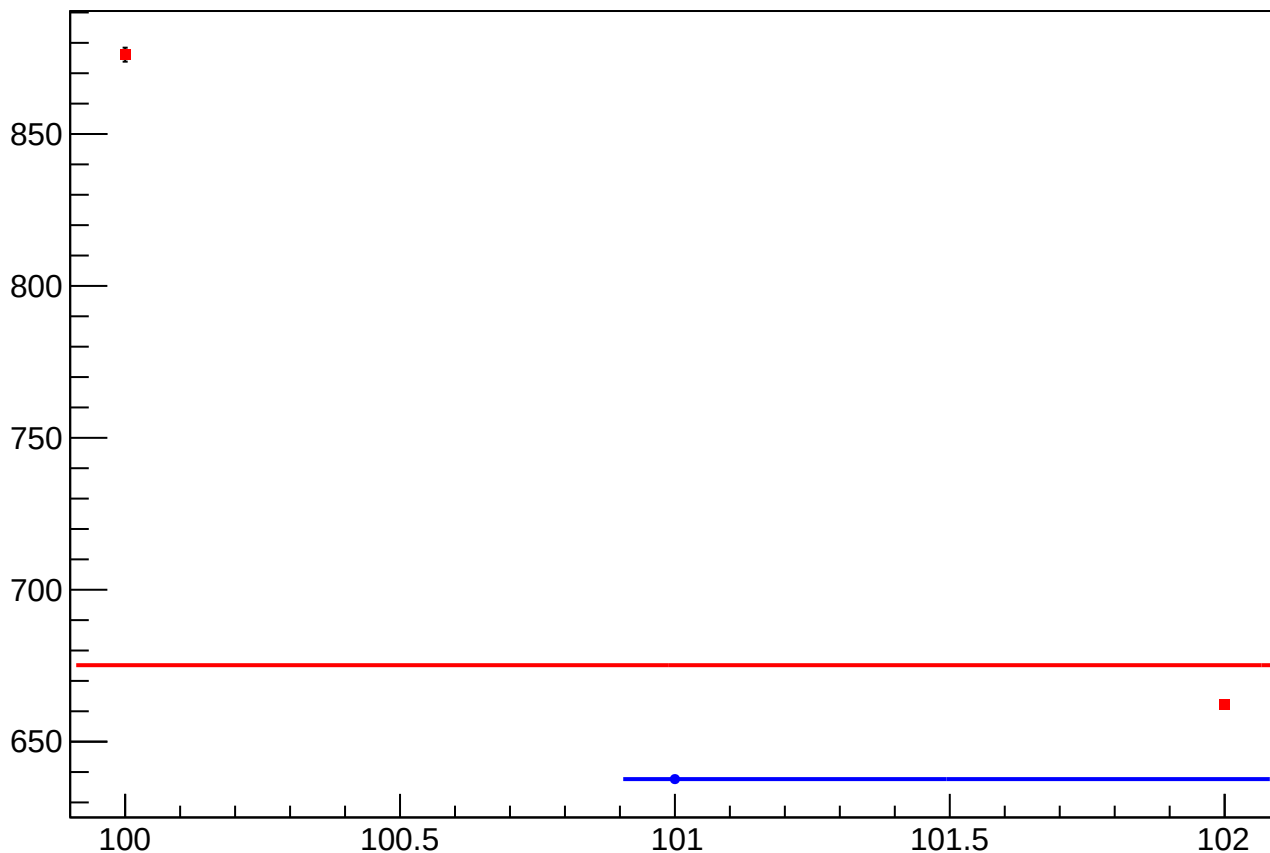
Right: 344.896 $\pm$ 560.055 χ^2 /NDF: 2.2/2

In: 838.452 $\pm$ 787.134 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 344.896 $\pm$ 560.055 χ^2 /NDF: 2.2/2

asym_sam_37_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 637.676+/-0.557 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 675.170+/-0.564 χ^2/NDF : 8107.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

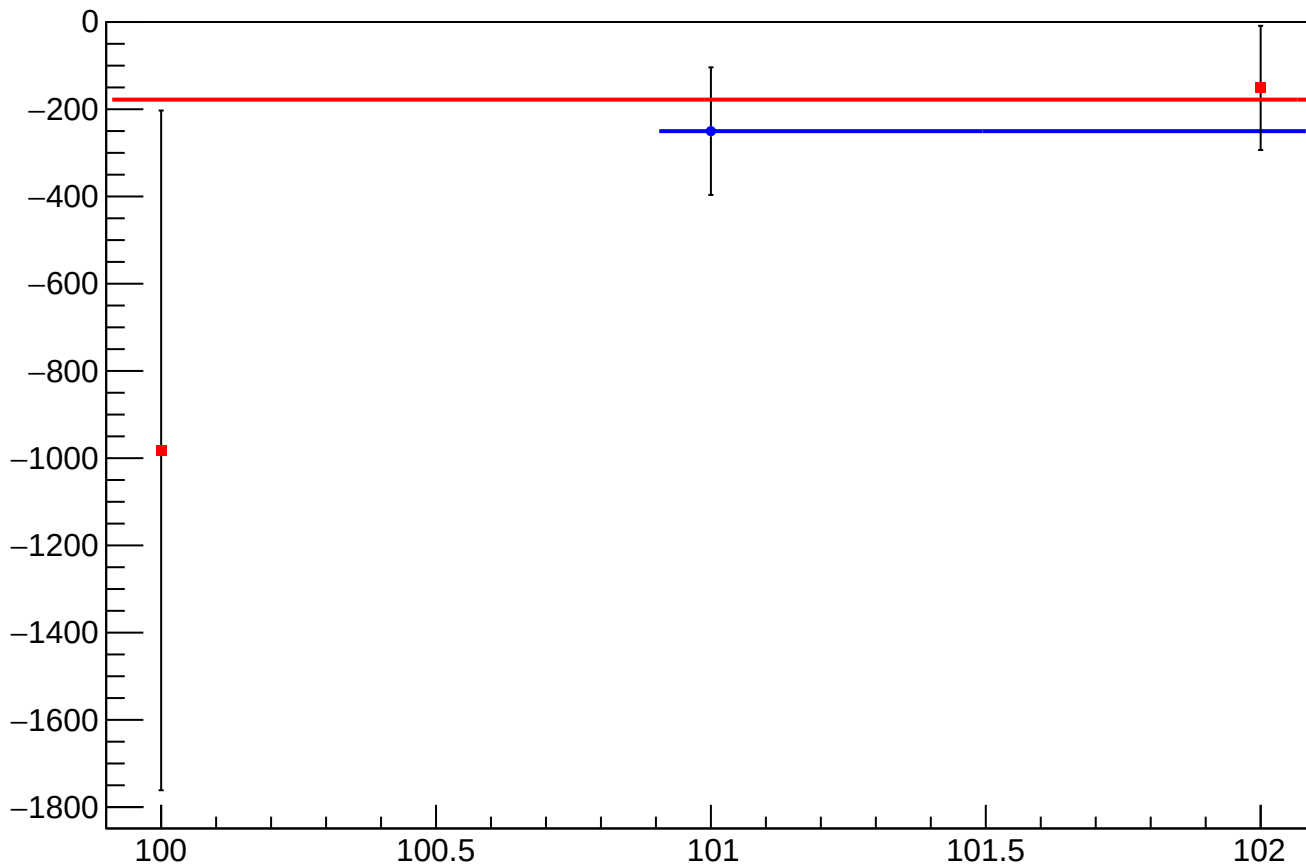
Right: 656.188+/-0.396 χ^2/NDF : 10348.5/2

In: 637.676+/-0.557 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 656.188+/-0.396 χ^2/NDF : 10348.5/2

eigen_dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -250.208 +/- 146.248 χ^2/NDF : 0.0/0

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -177.912 +/- 140.042 χ^2/NDF : 1.1/1

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

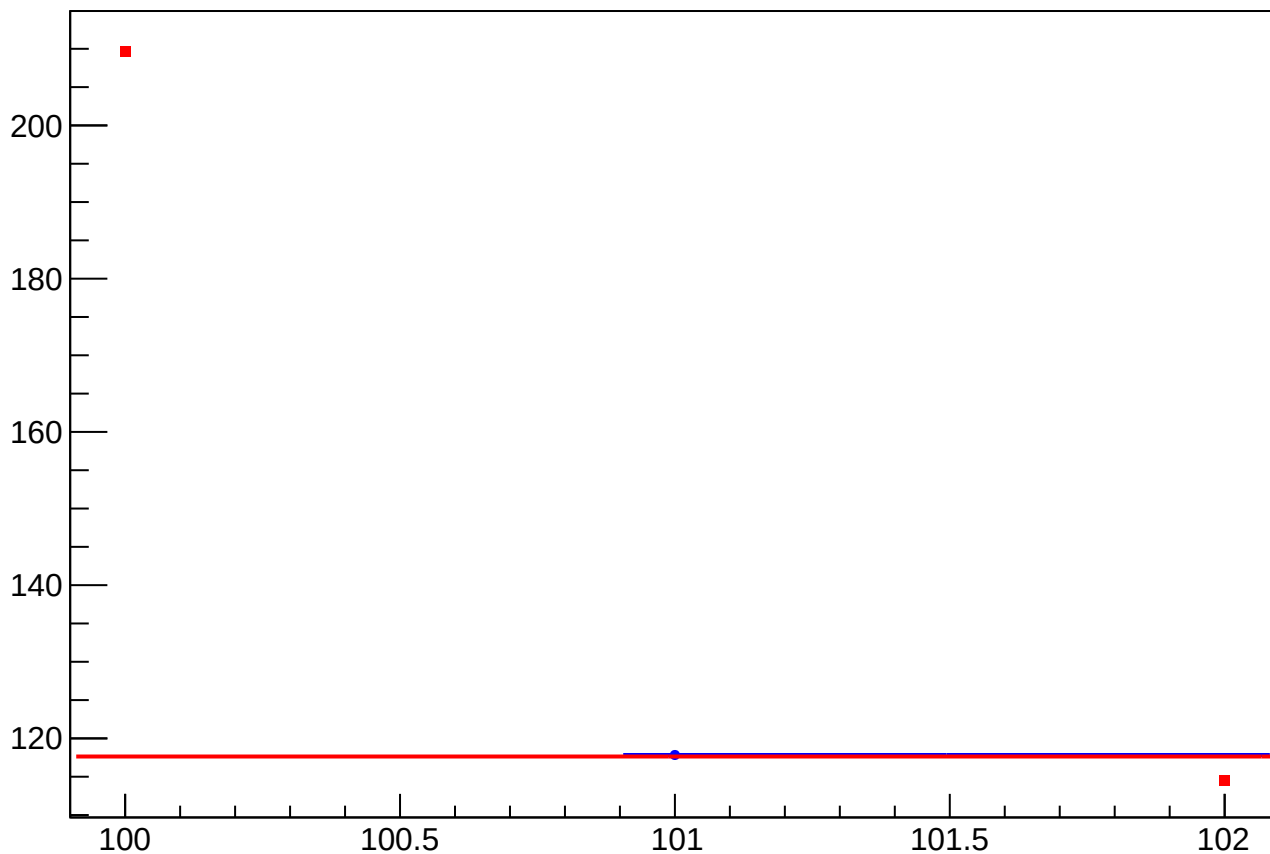
Right: -212.494 +/- 101.148 χ^2/NDF : 1.2/2

In: -250.208 +/- 146.248 χ^2/NDF : 0.0/0

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -212.494 +/- 101.148 χ^2/NDF : 1.2/2

eigen_dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 117.835 $\pm$ 0.103 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 117.637 $\pm$ 0.099 χ^2 /NDF: 28786.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

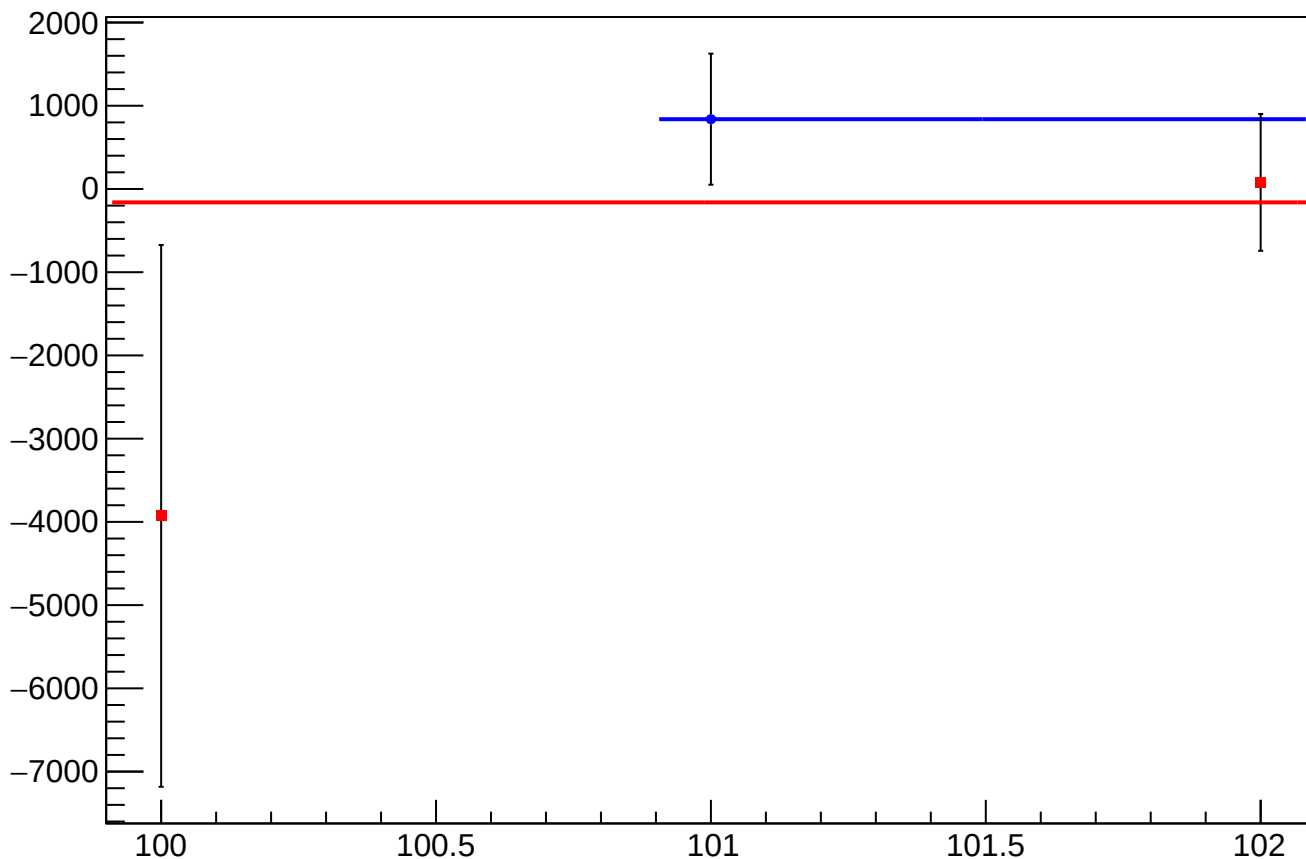
Right: 117.732 $\pm$ 0.072 χ^2 /NDF: 28788.2/2

In: 117.835 $\pm$ 0.103 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 117.732 $\pm$ 0.072 χ^2 /NDF: 28788.2/2

asym_sam_37_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 838.458 $\pm$ 787.135 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -161.153 $\pm$ 797.032 χ^2 /NDF: 1.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

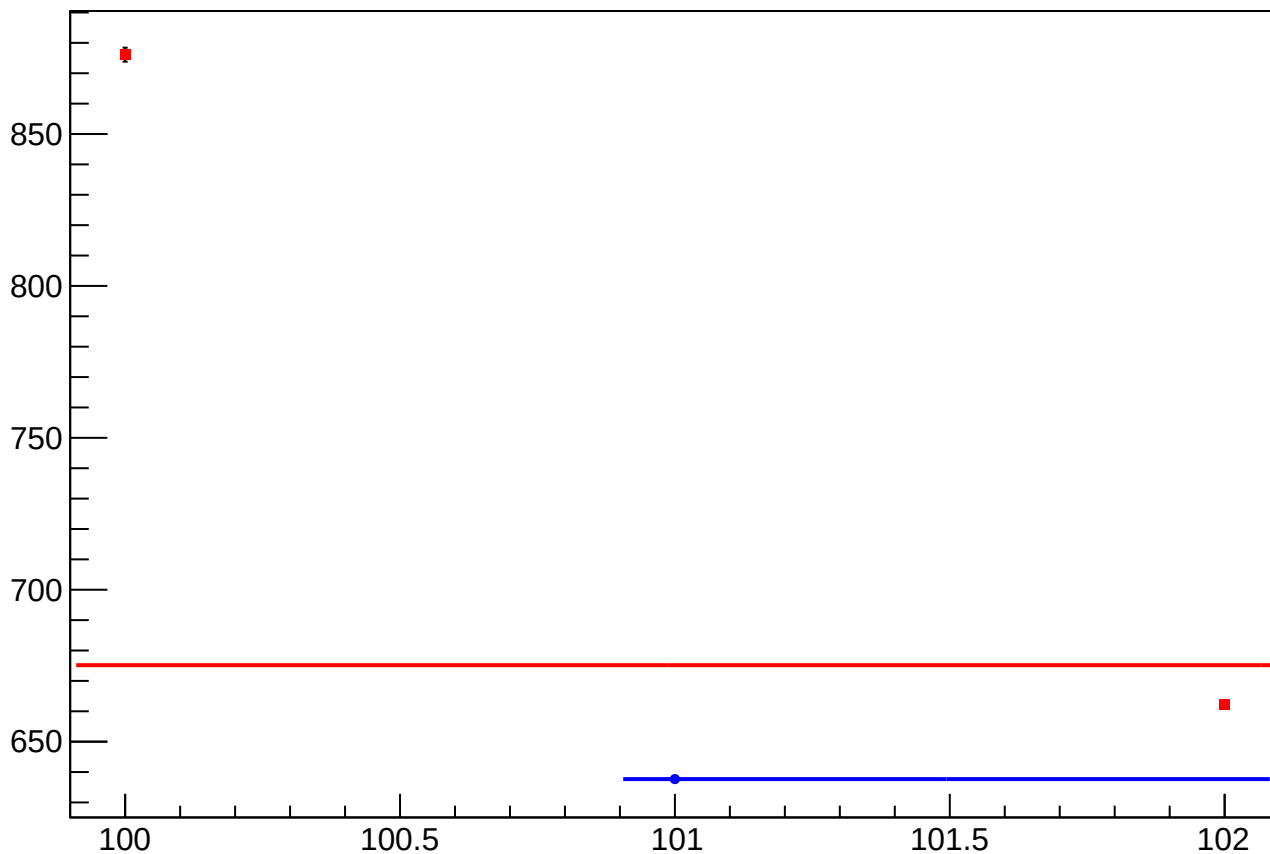
Right: 344.898 $\pm$ 560.055 χ^2 /NDF: 2.2/2

In: 838.458 $\pm$ 787.135 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 344.898 $\pm$ 560.055 χ^2 /NDF: 2.2/2

asym_sam_37_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 637.677 $\pm$ 0.557 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 675.167 $\pm$ 0.564 χ^2 /NDF: 8108.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

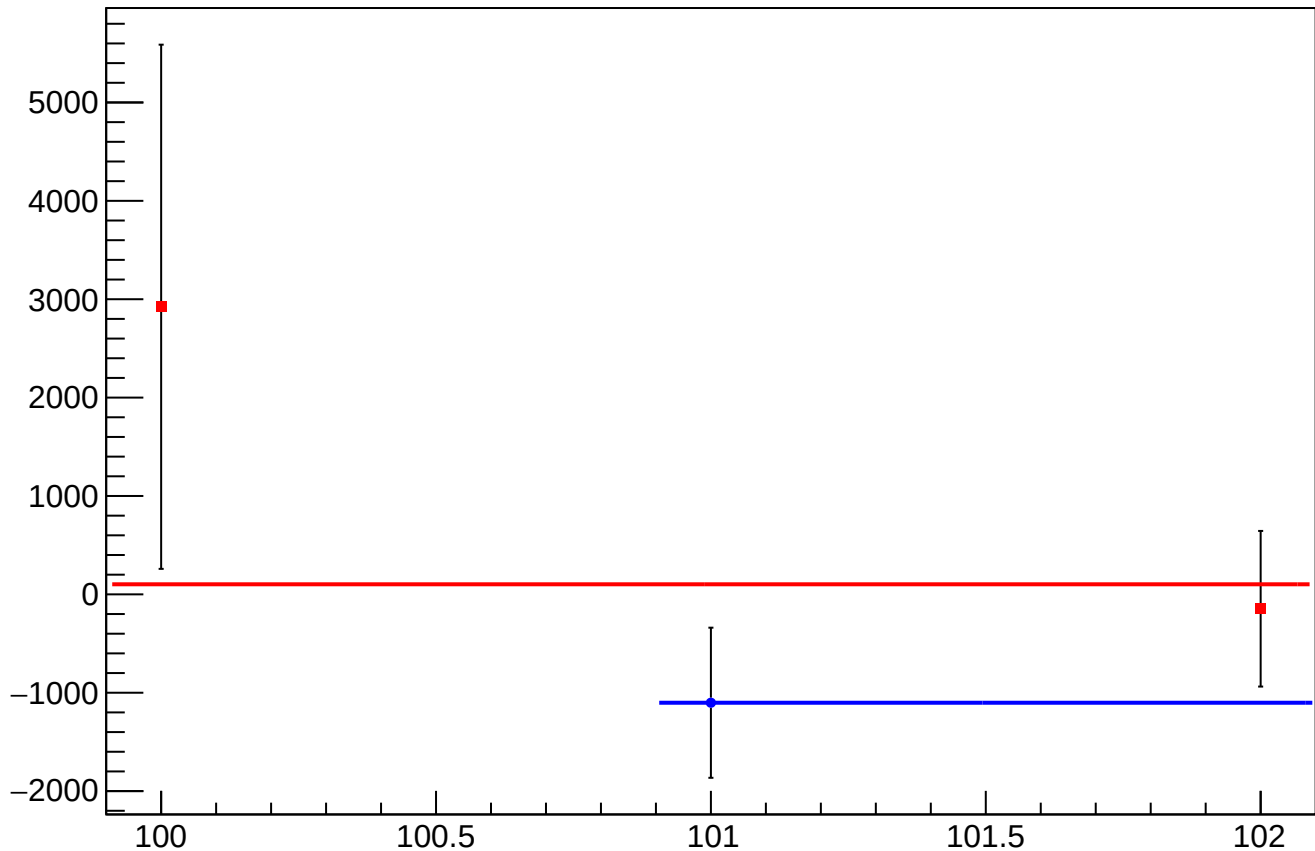
Right: 656.188 $\pm$ 0.396 χ^2 /NDF: 10348.4/2

In: 637.677 $\pm$ 0.557 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 656.188 $\pm$ 0.396 χ^2 /NDF: 10348.4/2

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -1101.746+/-762.967 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.293+/-758.299 χ^2/NDF : 1.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

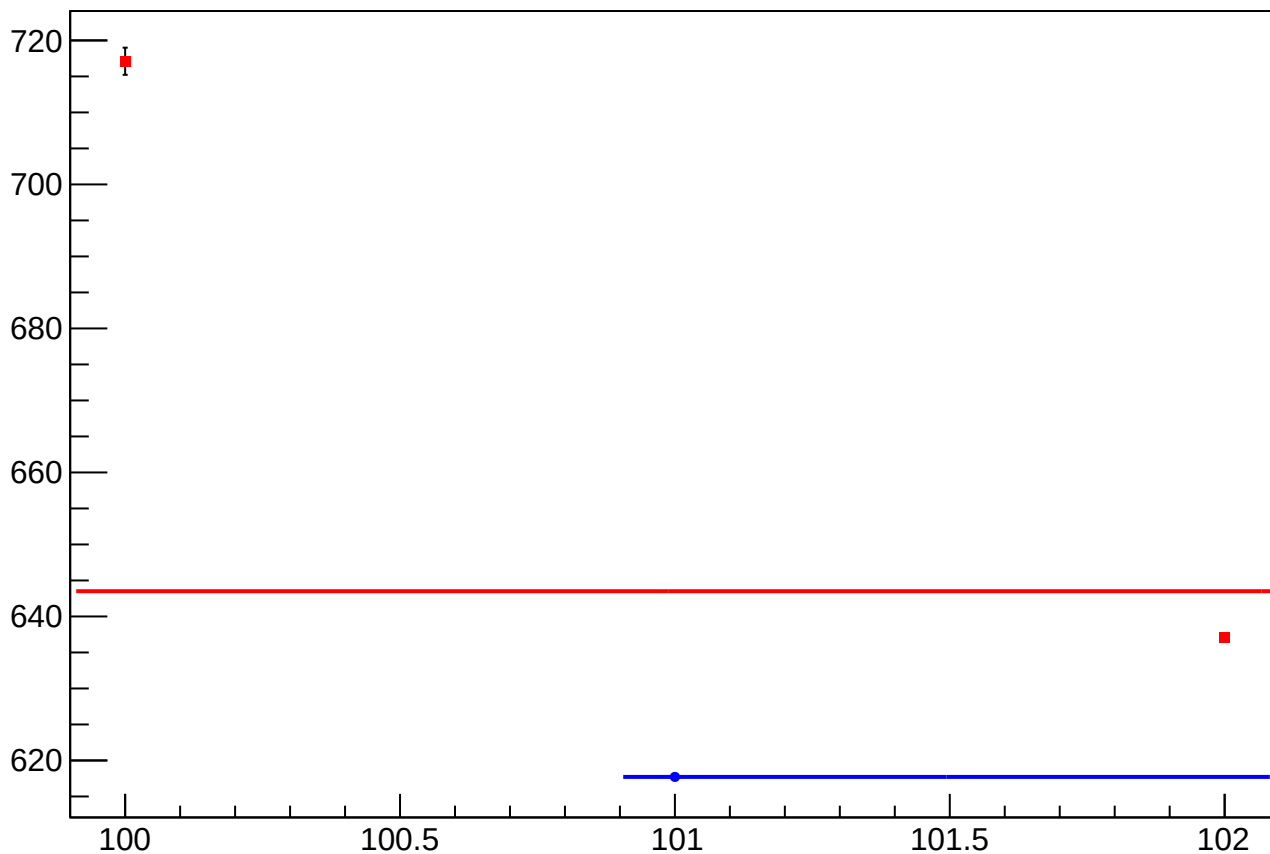
Right: -496.032+/-537.841 χ^2/NDF : 2.5/2

In: -1101.746+/-762.967 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -496.032+/-537.841 χ^2/NDF : 2.5/2

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 617.716 $\pm$ 0.539 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 643.505 $\pm$ 0.536 χ^2 /NDF: 1661.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

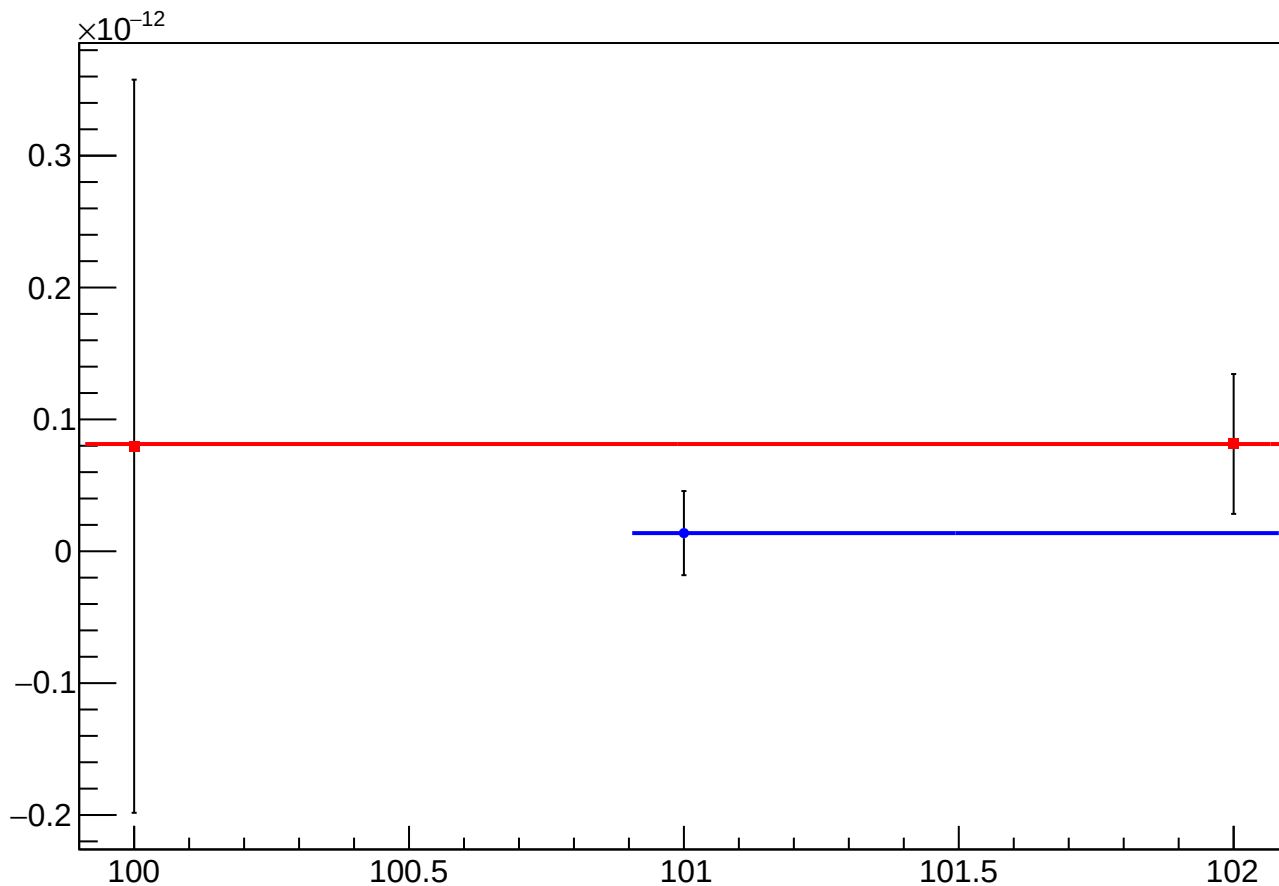
Right: 630.690 $\pm$ 0.380 χ^2 /NDF: 2810.5/2

In: 617.716 $\pm$ 0.539 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 630.690 $\pm$ 0.380 χ^2 /NDF: 2810.5/2

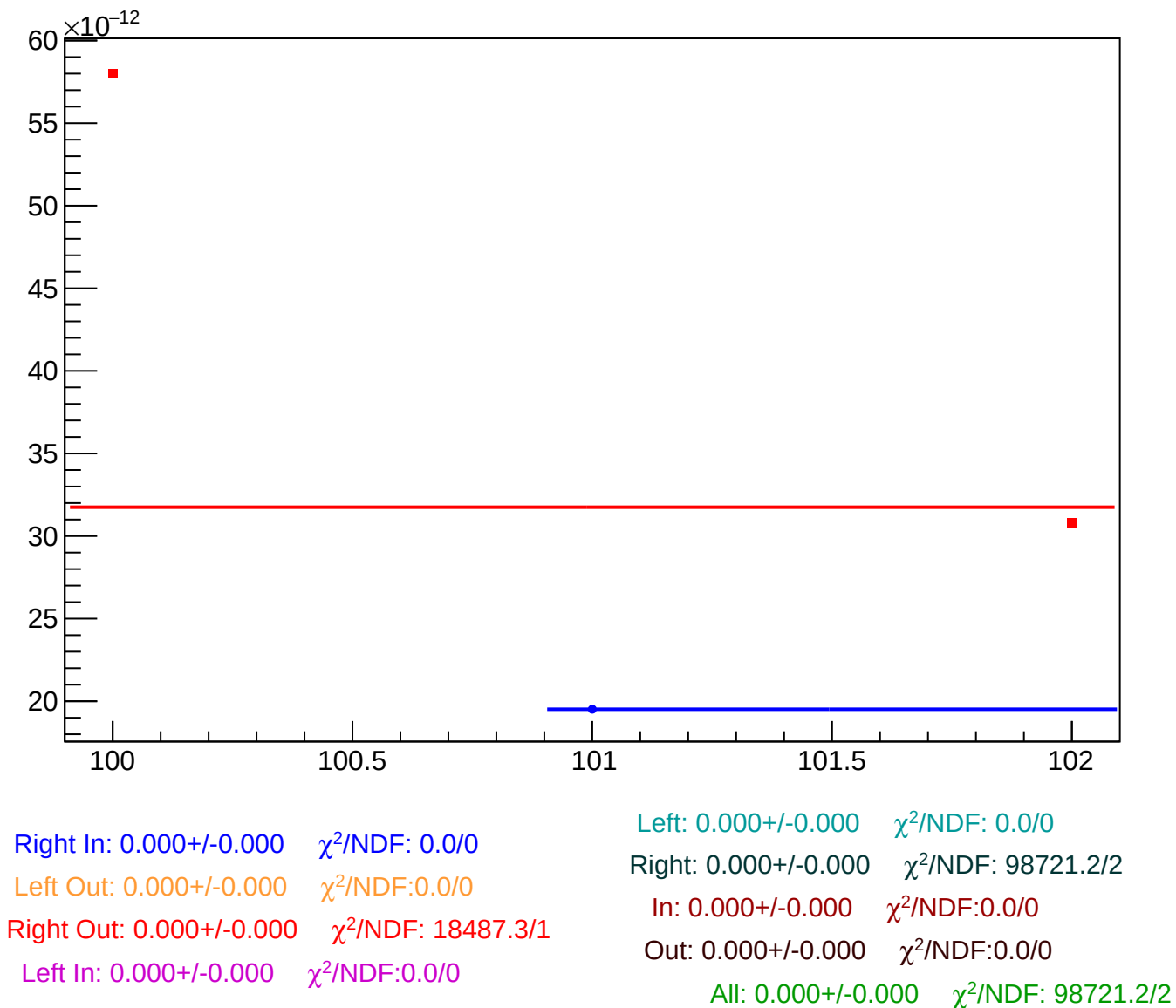
asym_sam_37_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



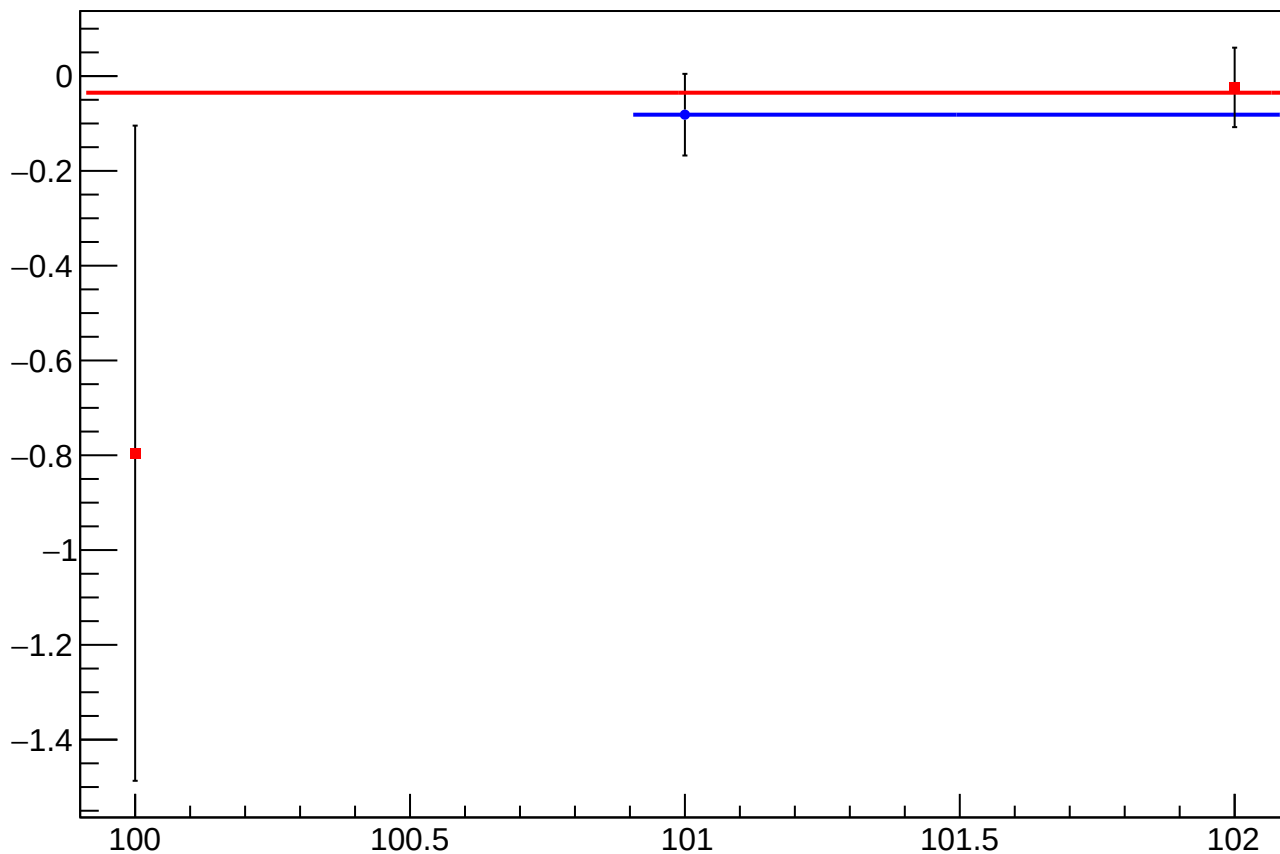
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/1
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1.2/2
 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 : 1.2/2

asym_sam_37_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



asym_sam_37_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.081 $\pm$ 0.086 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.035 $\pm$ 0.083 χ^2 /NDF: 1.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

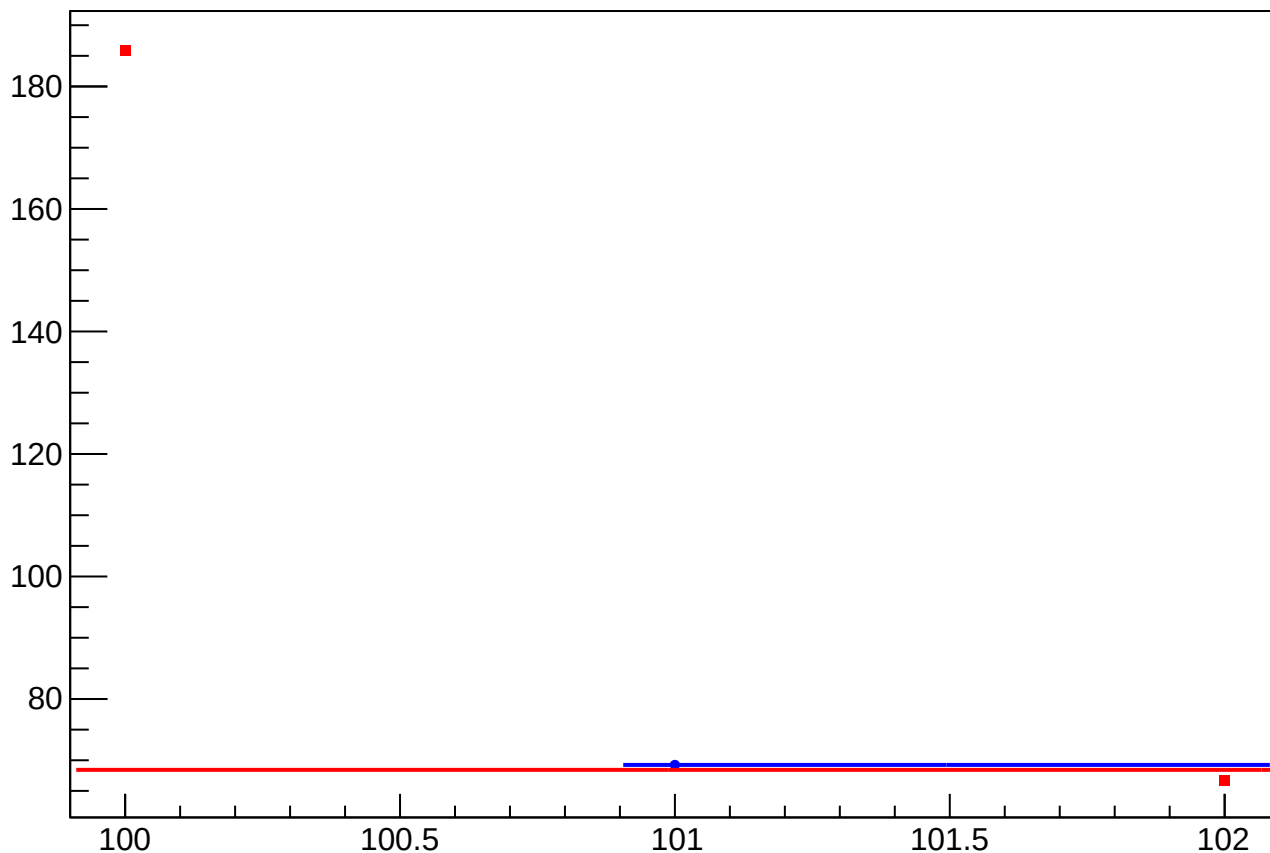
Right: -0.057 $\pm$ 0.060 χ^2 /NDF: 1.4/2

In: -0.081 $\pm$ 0.086 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.057 $\pm$ 0.060 χ^2 /NDF: 1.4/2

asym_sam_37_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 69.243 $\pm$ 0.061 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 68.434 $\pm$ 0.059 χ^2 /NDF: 58563.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

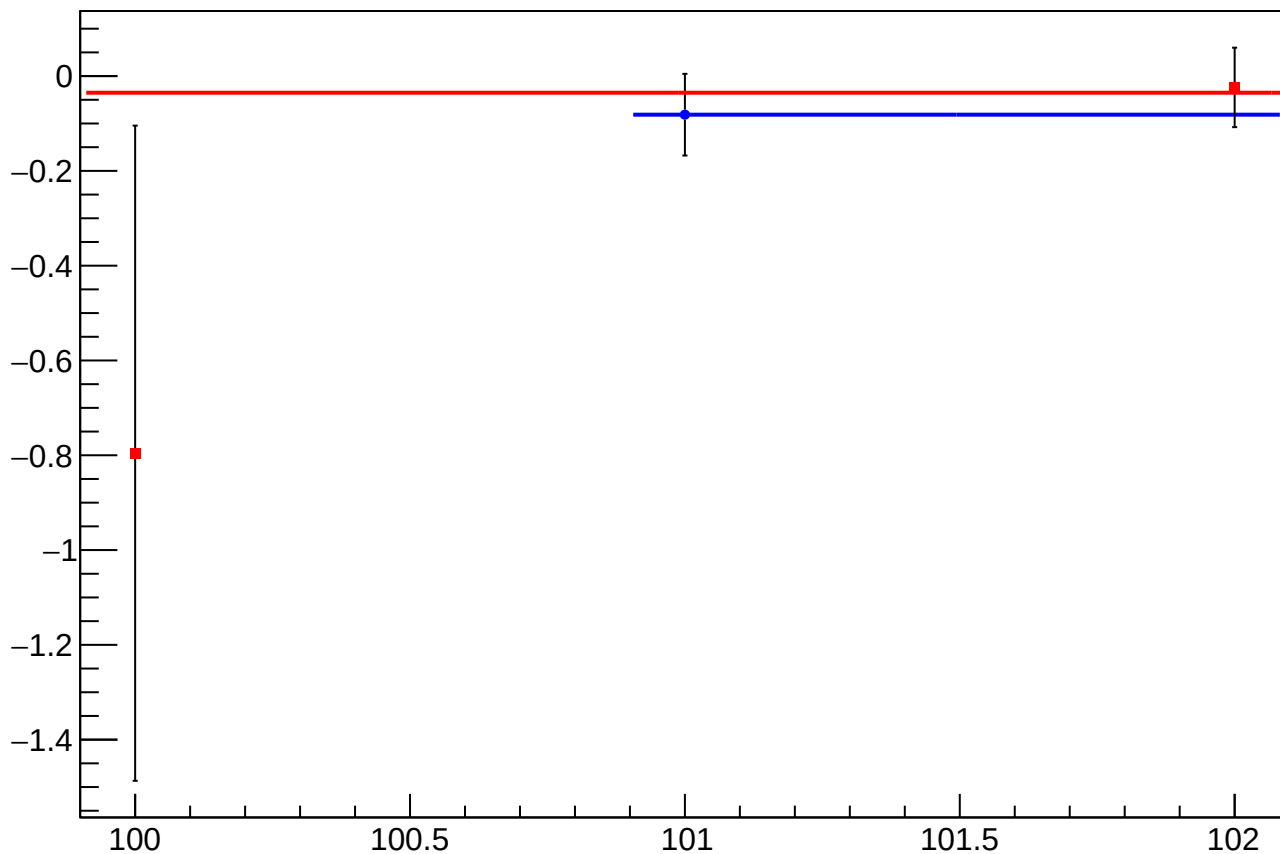
Right: 68.824 $\pm$ 0.042 χ^2 /NDF: 58654.5/2

In: 69.243 $\pm$ 0.061 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 68.824 $\pm$ 0.042 χ^2 /NDF: 58654.5/2

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.081+/-0.086 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.035+/-0.083 χ^2/NDF : 1.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

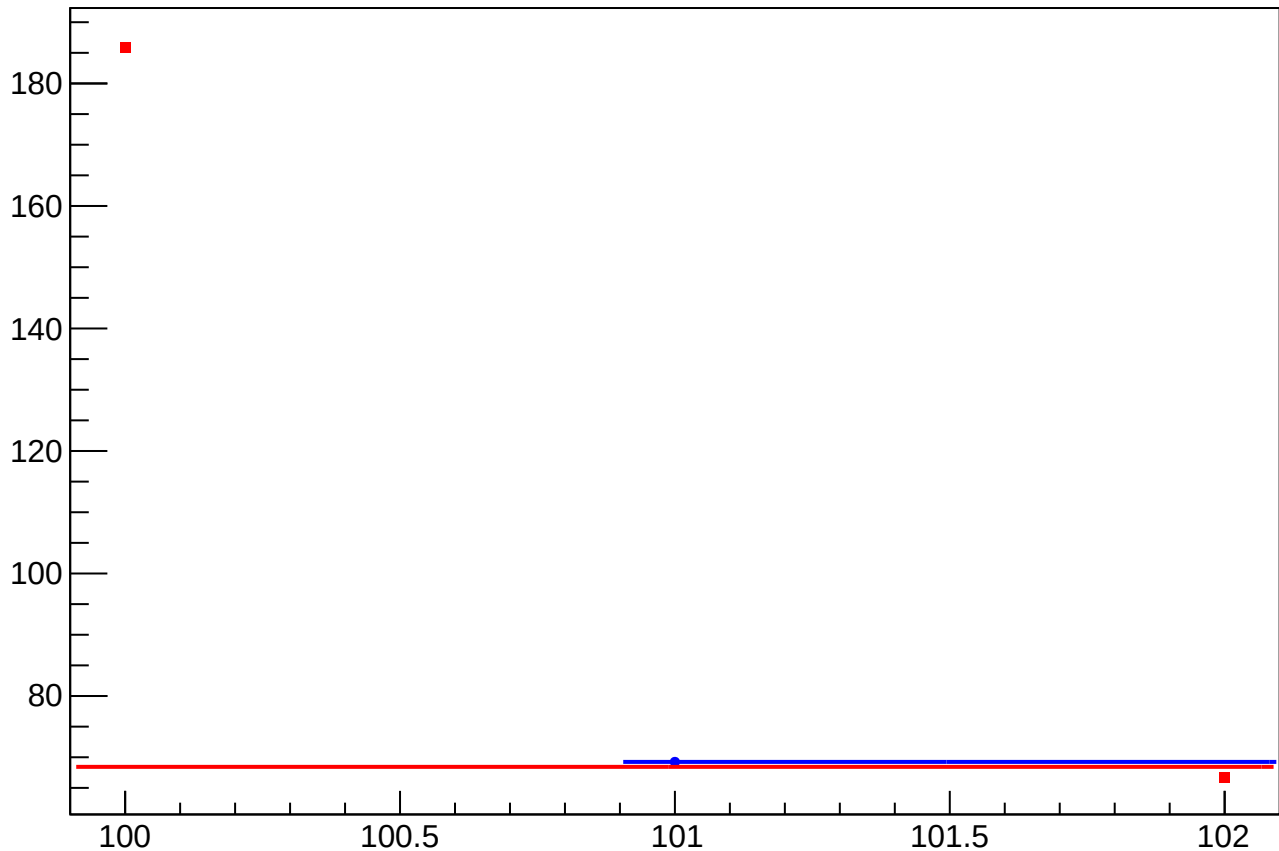
Right: -0.057+/-0.060 χ^2/NDF : 1.4/2

In: -0.081+/-0.086 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.057+/-0.060 χ^2/NDF : 1.4/2

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 69.243 $\pm$ 0.061 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 68.434 $\pm$ 0.059 χ^2 /NDF: 58563.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

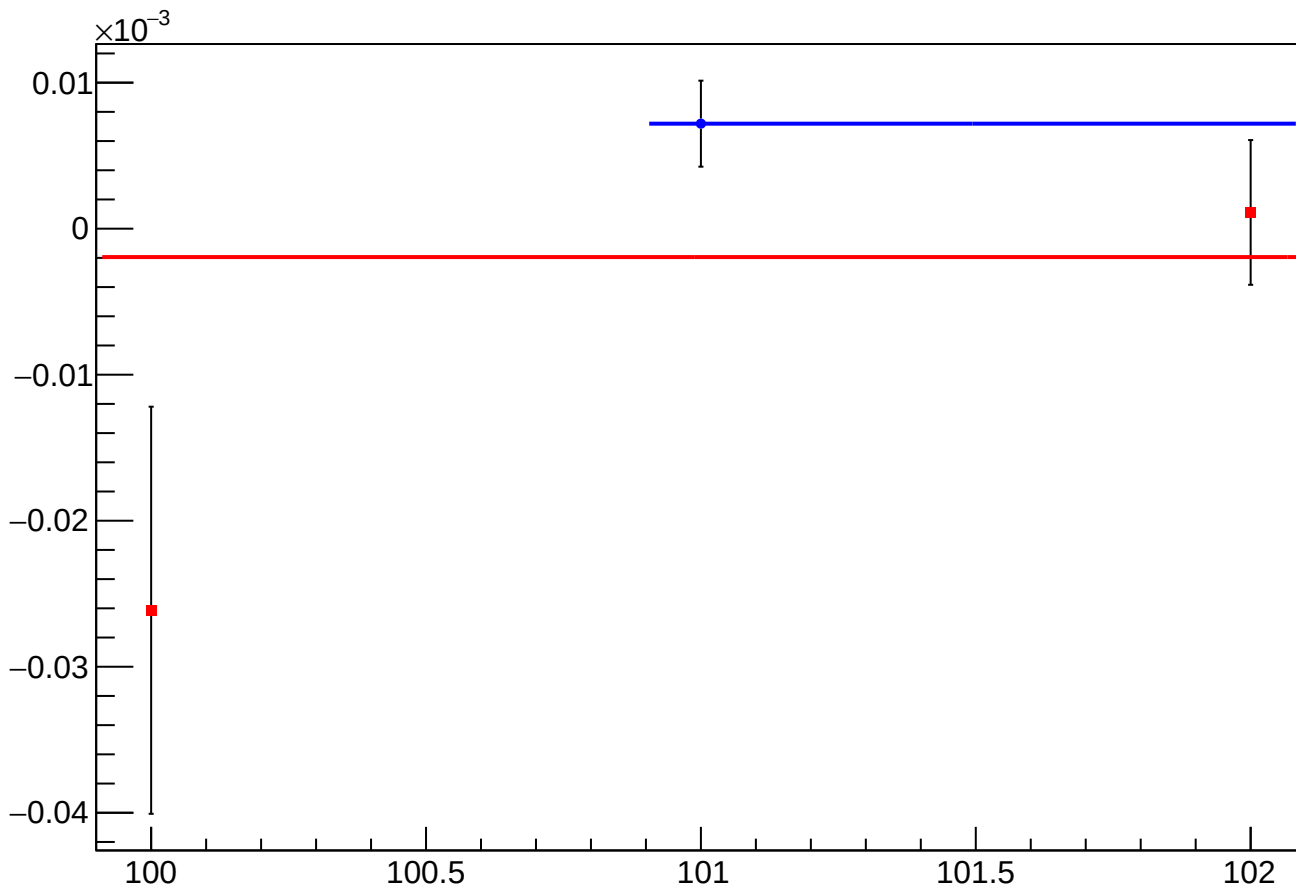
Right: 68.824 $\pm$ 0.042 χ^2 /NDF: 58654.5/2

In: 69.243 $\pm$ 0.061 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 68.824 $\pm$ 0.042 χ^2 /NDF: 58654.5/2

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

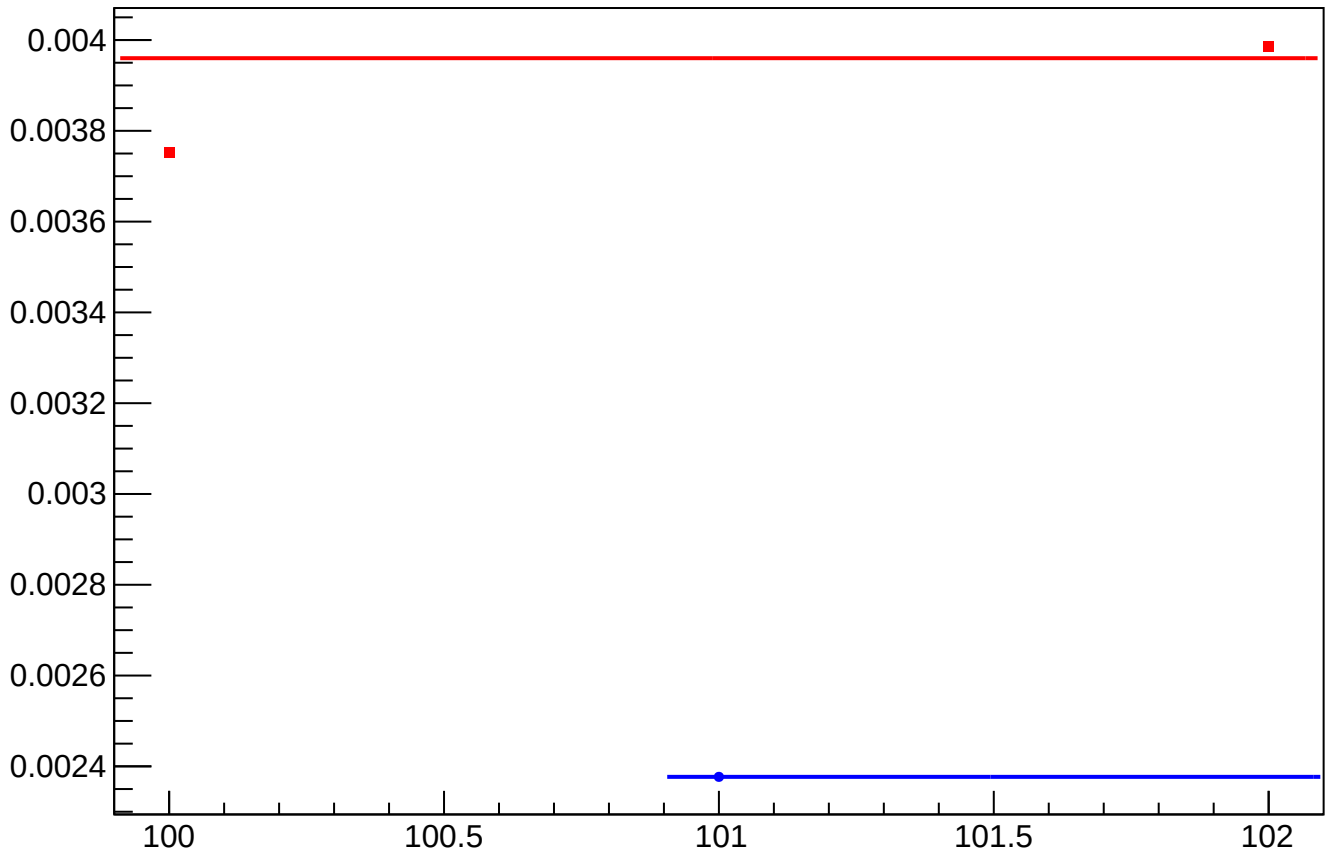
Right: 0.000+/-0.000 χ^2/NDF : 6.1/2

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 : 6.1/2

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 501.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

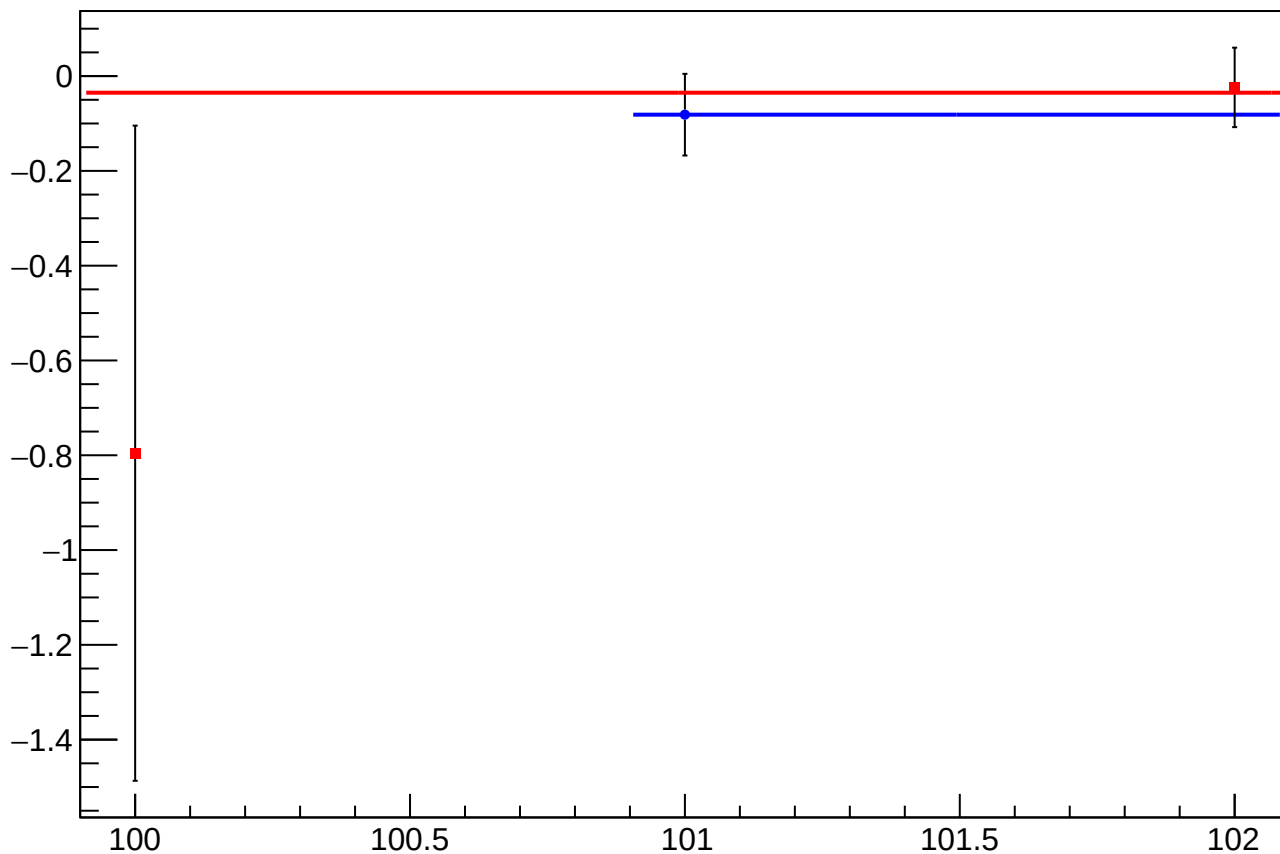
Right: 0.003 $\pm$ 0.000 χ^2 /NDF: 164969.6/2

In: 0.002 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.000 χ^2 /NDF: 164969.6/2

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.081+/-0.086 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.035+/-0.083 χ^2/NDF : 1.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

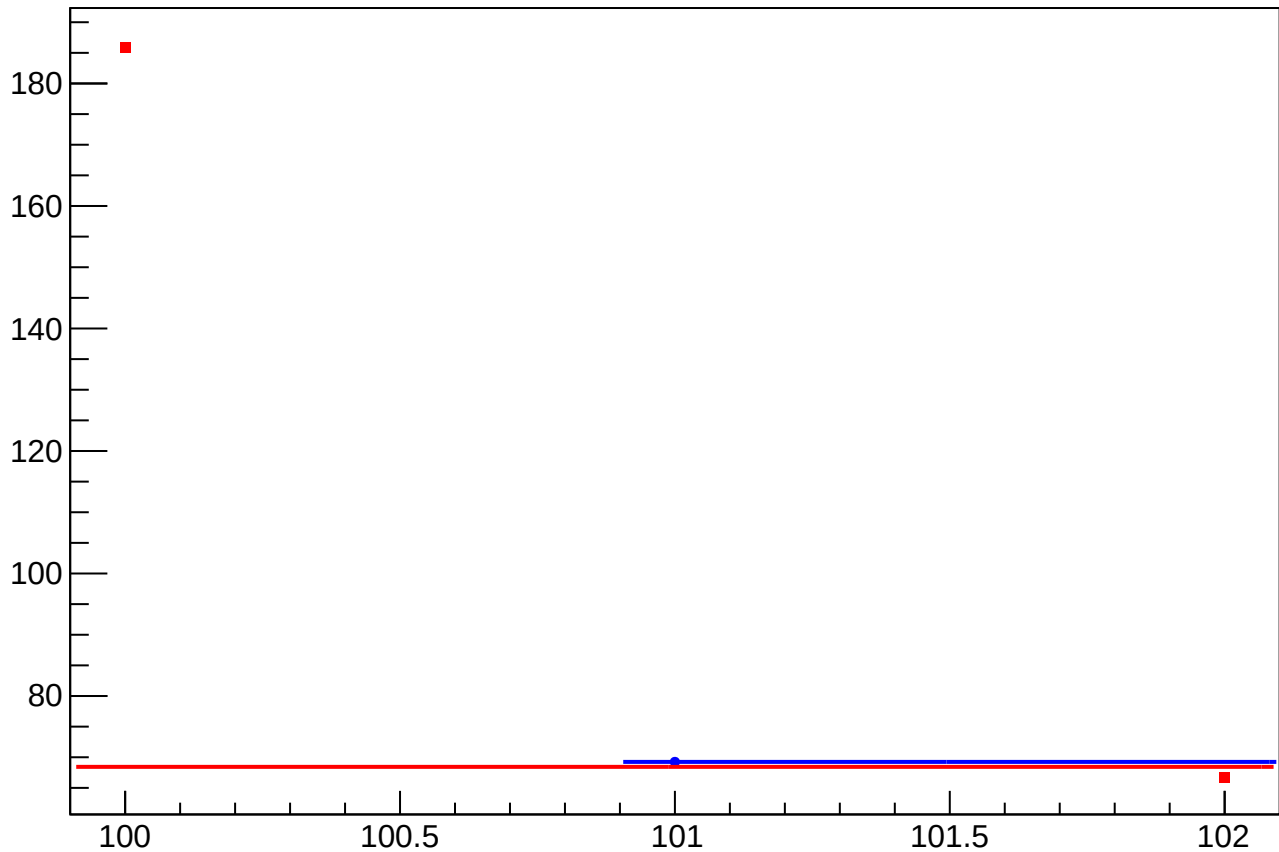
Right: -0.057+/-0.060 χ^2/NDF : 1.4/2

In: -0.081+/-0.086 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.057+/-0.060 χ^2/NDF : 1.4/2

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 69.243 $\pm$ 0.061 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 68.433 $\pm$ 0.059 χ^2 /NDF: 58565.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

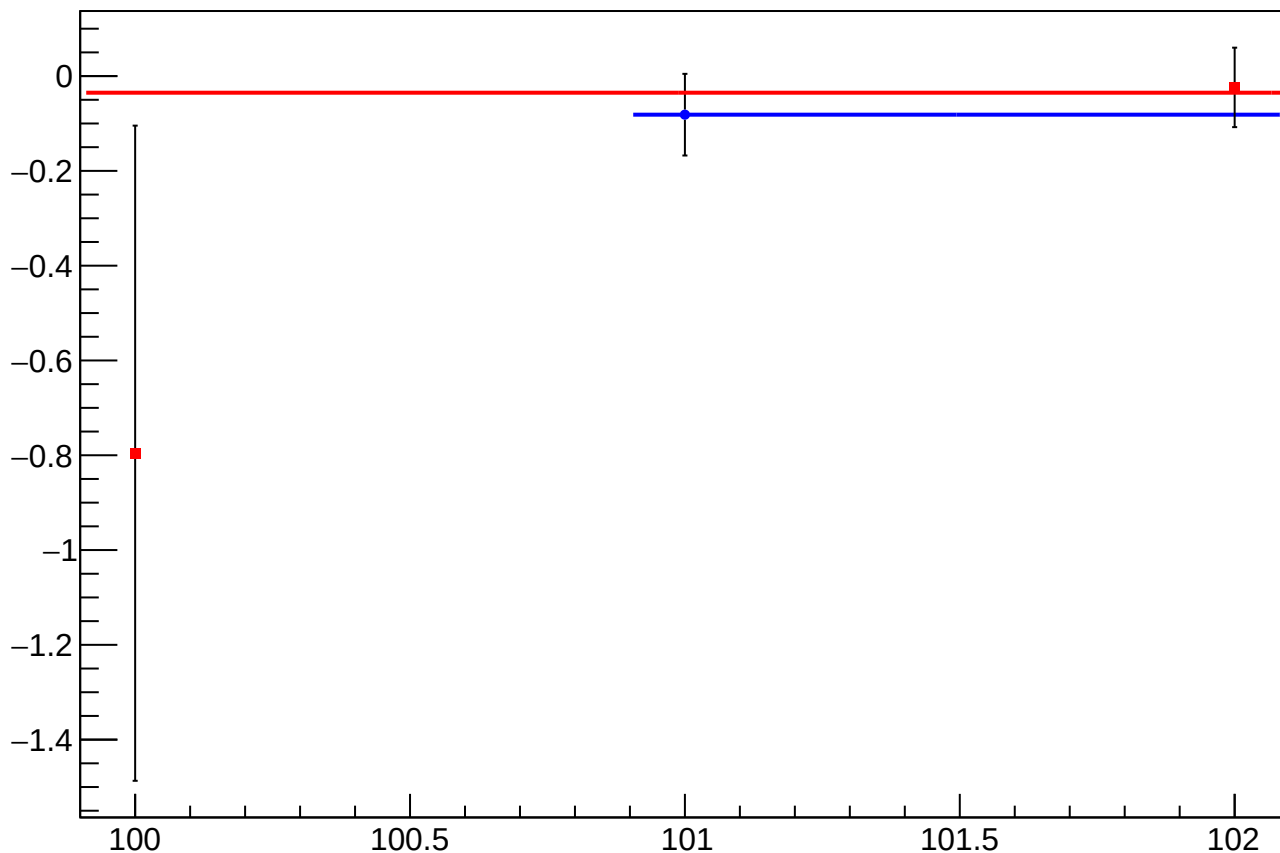
Right: 68.824 $\pm$ 0.042 χ^2 /NDF: 58656.7/2

In: 69.243 $\pm$ 0.061 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 68.824 $\pm$ 0.042 χ^2 /NDF: 58656.7/2

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.081+/-0.086 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.035+/-0.083 χ^2/NDF : 1.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

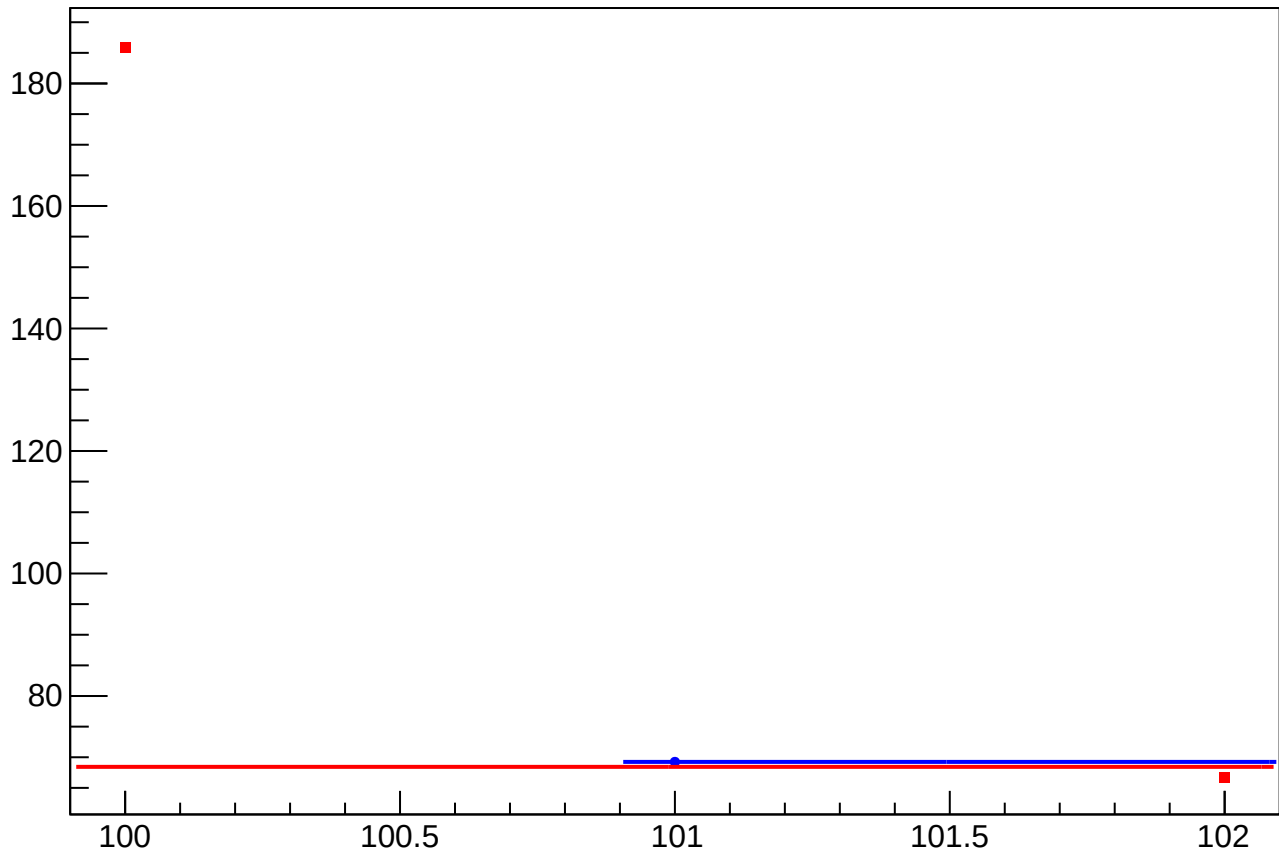
Right: -0.057+/-0.060 χ^2/NDF : 1.4/2

In: -0.081+/-0.086 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.057+/-0.060 χ^2/NDF : 1.4/2

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 69.243 $\pm$ 0.061 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 68.433 $\pm$ 0.059 χ^2 /NDF: 58565.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

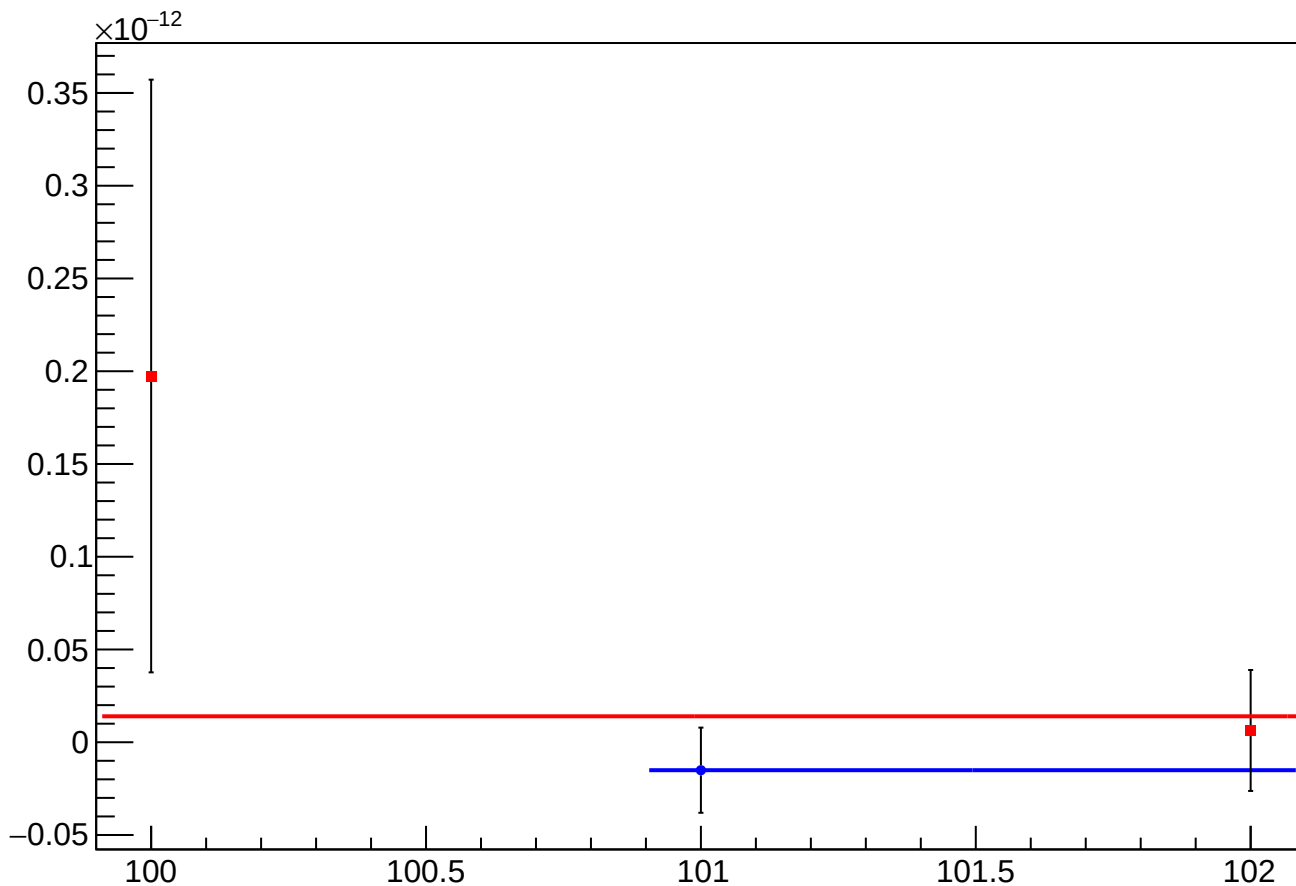
Right: 68.824 $\pm$ 0.042 χ^2 /NDF: 58656.7/2

In: 69.243 $\pm$ 0.061 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 68.824 $\pm$ 0.042 χ^2 /NDF: 58656.7/2

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

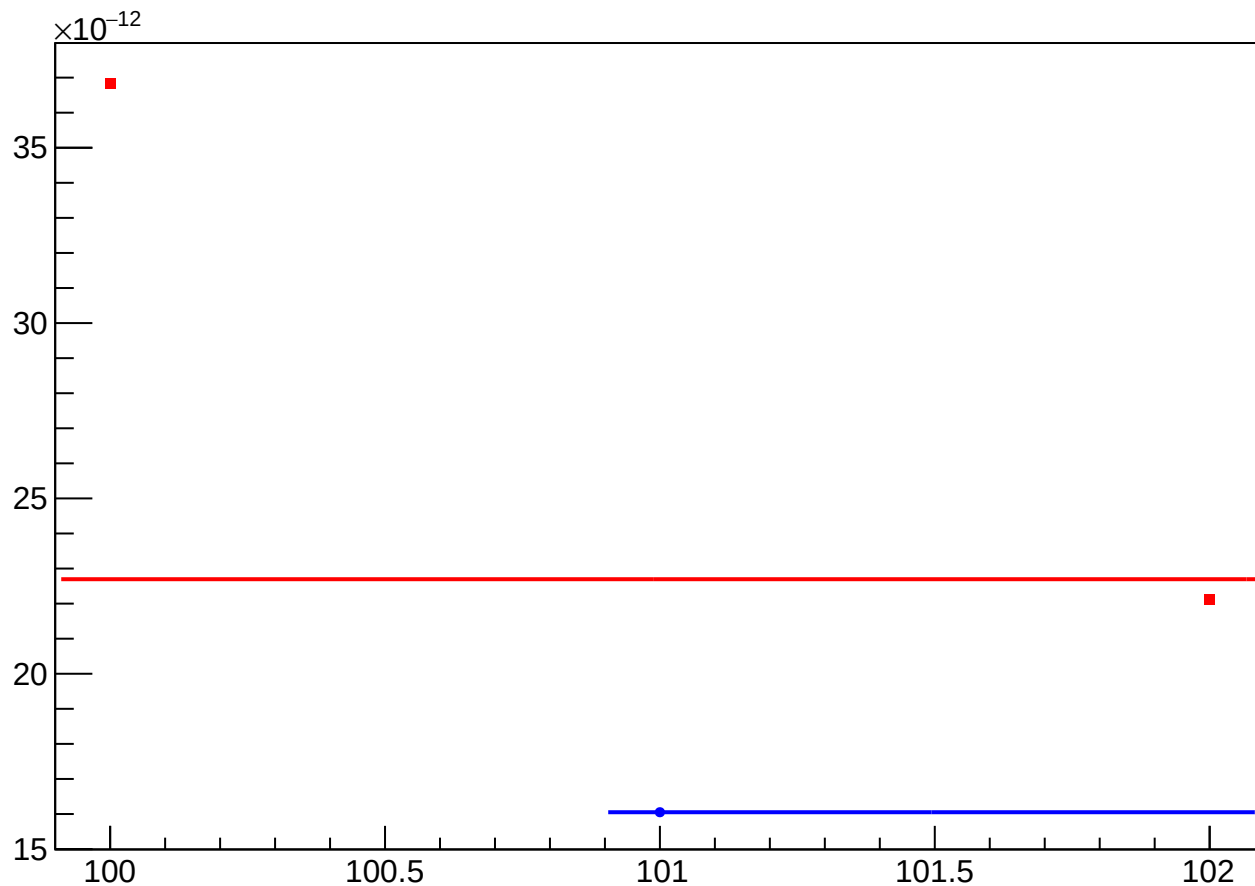
Right: -0.000+/-0.000 χ^2/NDF : 1.9/2

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 : 1.9/2

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_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 : 16304.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

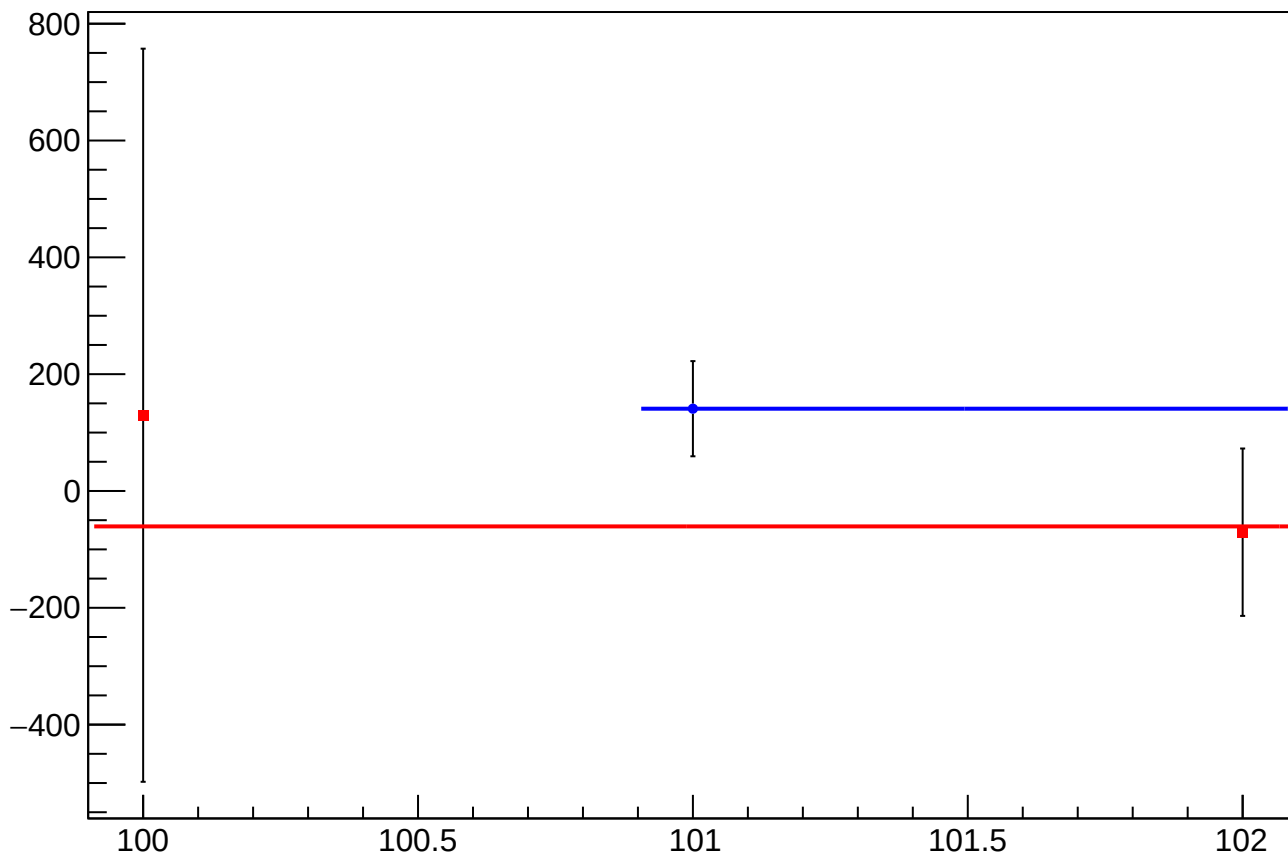
Right: 0.000+/-0.000 χ^2/NDF : 73370.8/2

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 : 73370.8/2

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 140.868+/-81.478 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -60.654+/-139.691 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

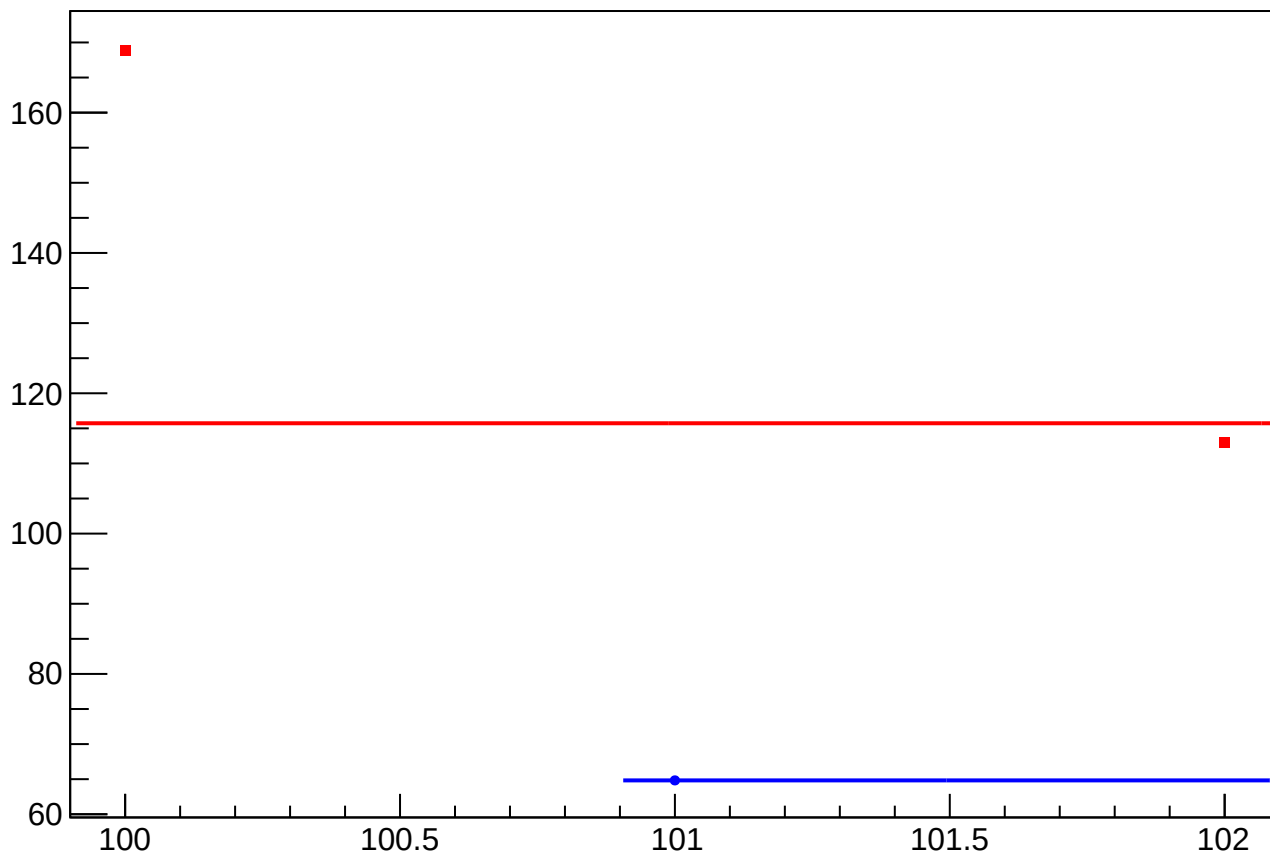
Right: 89.713+/-70.381 χ^2/NDF : 1.6/2

In: 140.868+/-81.478 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.713+/-70.381 χ^2/NDF : 1.6/2

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 64.826+/-0.058 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.727+/-0.099 χ^2/NDF : 15056.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

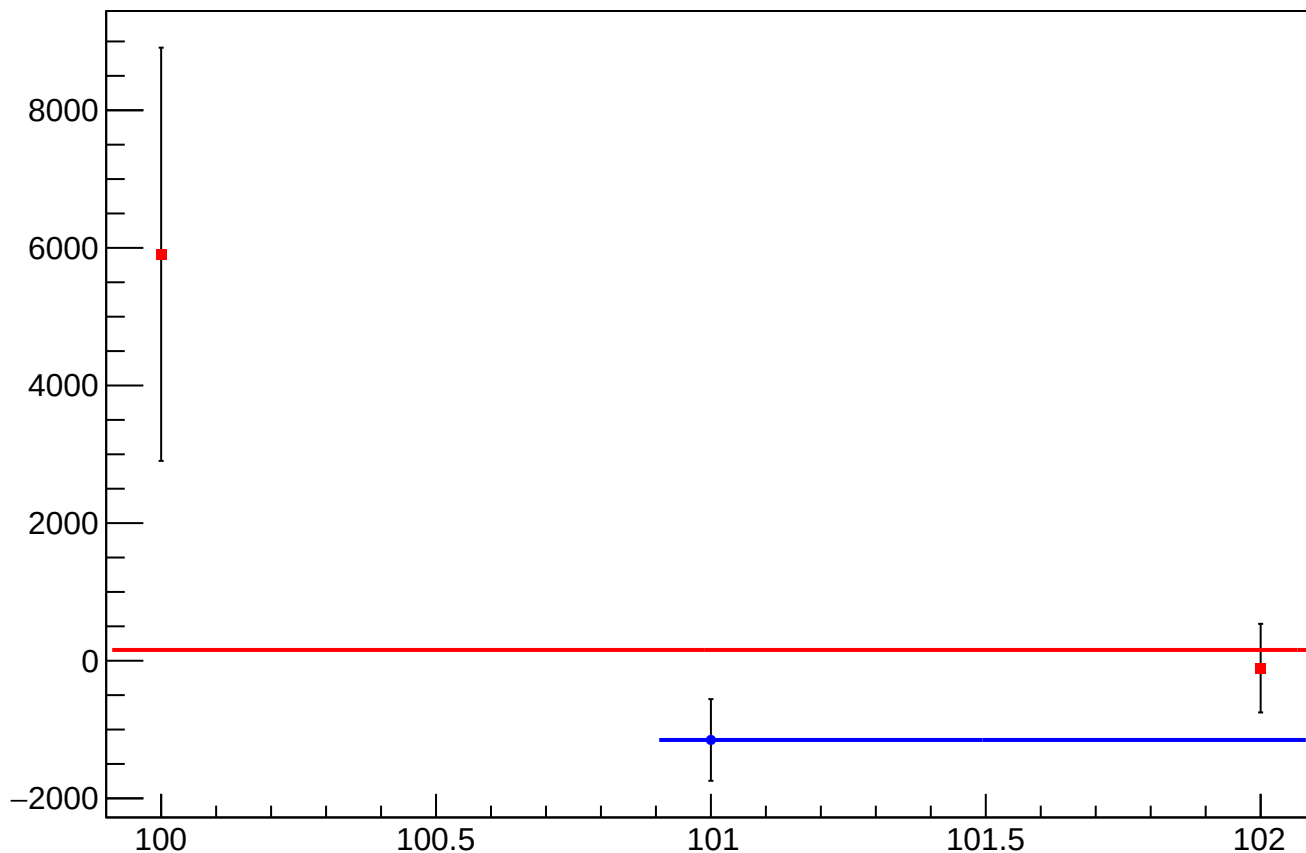
Right: 77.747+/-0.050 χ^2/NDF : 213197.4/2

In: 64.826+/-0.058 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.747+/-0.050 χ^2/NDF : 213197.4/2

asym_sam_1357_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1151.414+/-593.491 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.790+/-629.711 χ^2/NDF : 3.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

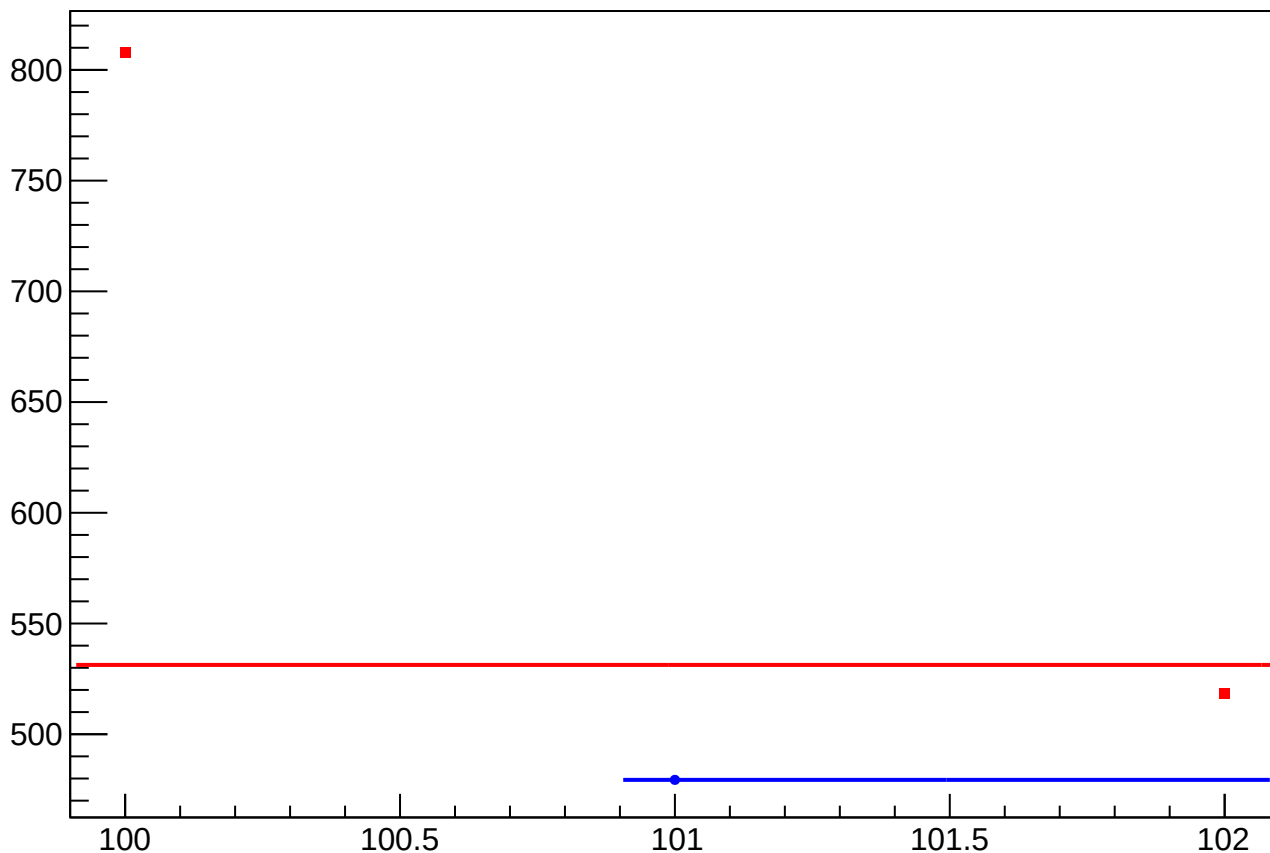
Right: -536.015+/-431.899 χ^2/NDF : 6.1/2

In: -1151.414+/-593.491 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -536.015+/-431.899 χ^2/NDF : 6.1/2

asym_sam_1357_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 479.390 $\pm$ 0.420 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 531.299 $\pm$ 0.445 χ^2 /NDF: 17754.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

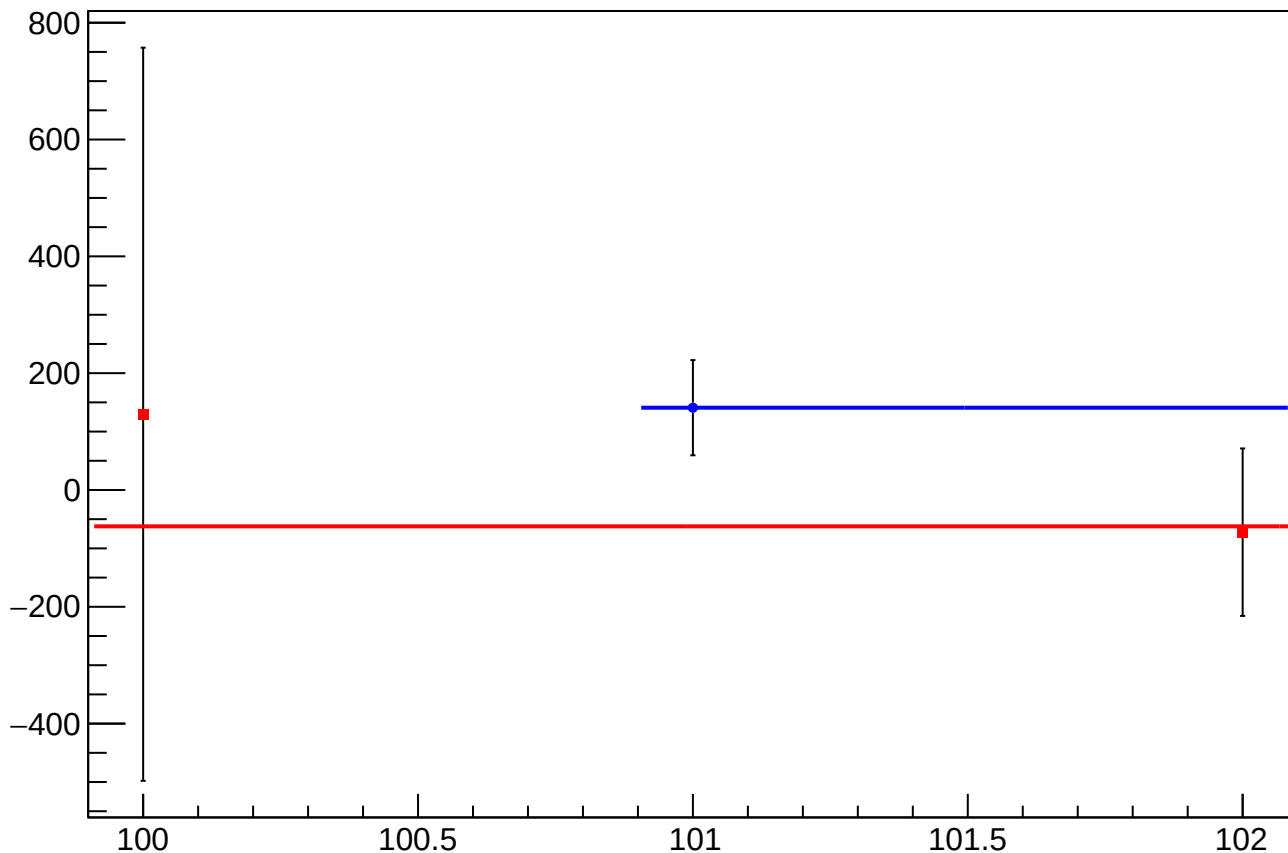
Right: 503.809 $\pm$ 0.305 χ^2 /NDF: 24951.5/2

In: 479.390 $\pm$ 0.420 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 503.809 $\pm$ 0.305 χ^2 /NDF: 24951.5/2

cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 140.862 $\pm$ 81.478 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -62.239 $\pm$ 139.754 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

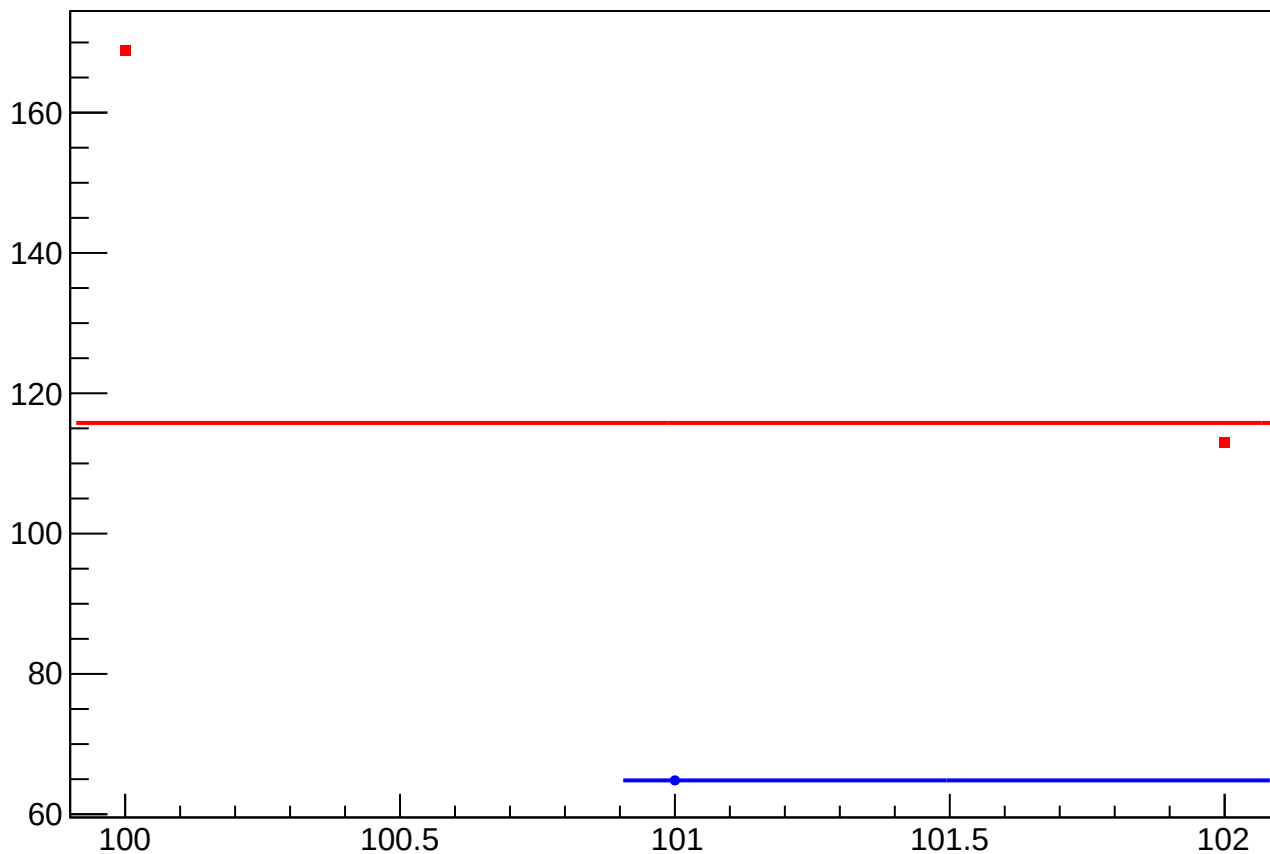
Right: 89.341 $\pm$ 70.389 χ^2 /NDF: 1.7/2

In: 140.862 $\pm$ 81.478 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 89.341 $\pm$ 70.389 χ^2 /NDF: 1.7/2

cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 64.826+/-0.058 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.776+/-0.099 χ^2/NDF : 15029.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

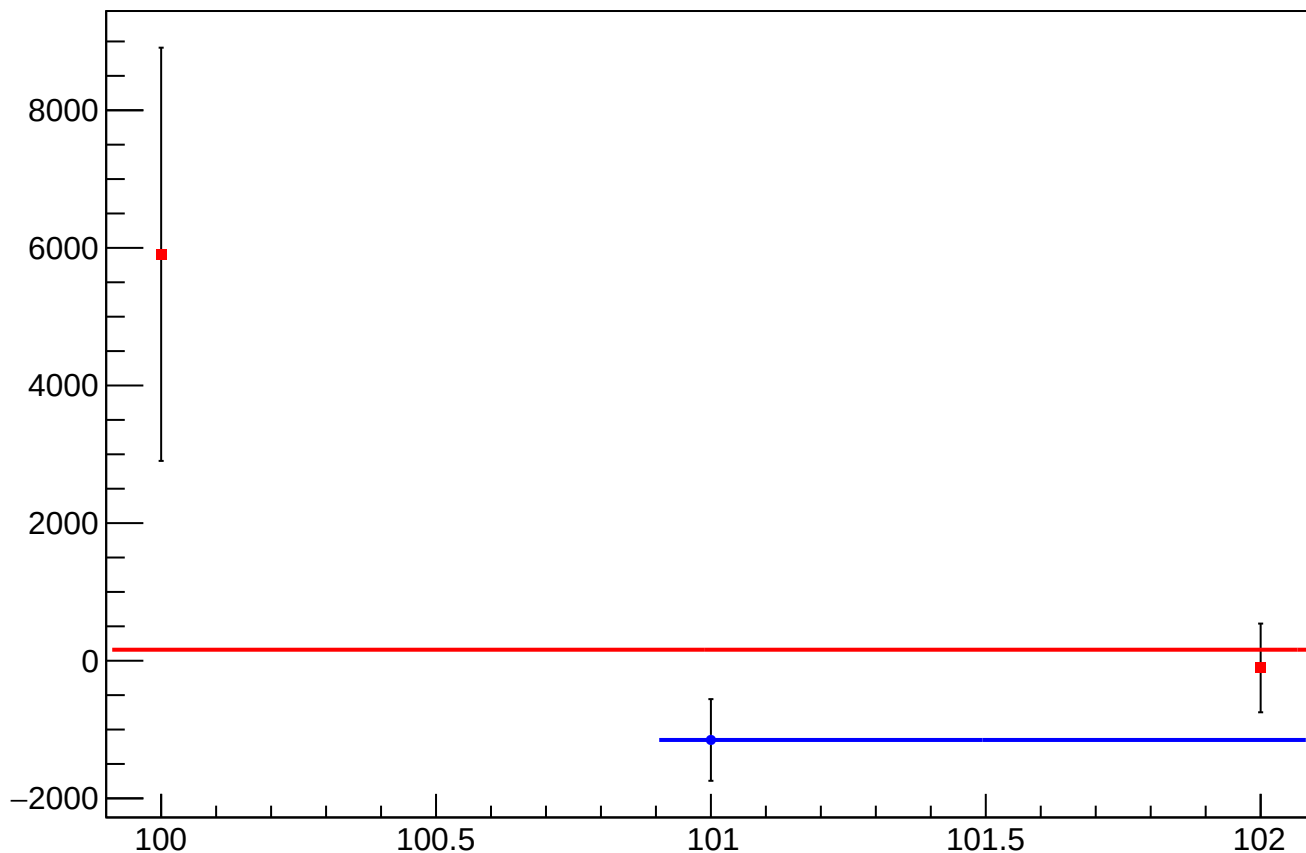
Right: 77.750+/-0.050 χ^2/NDF : 213421.2/2

In: 64.826+/-0.058 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.750+/-0.050 χ^2/NDF : 213421.2/2

asym_sam_1357_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1151.411+/-593.493 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 160.106+/-630.262 χ^2/NDF : 3.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

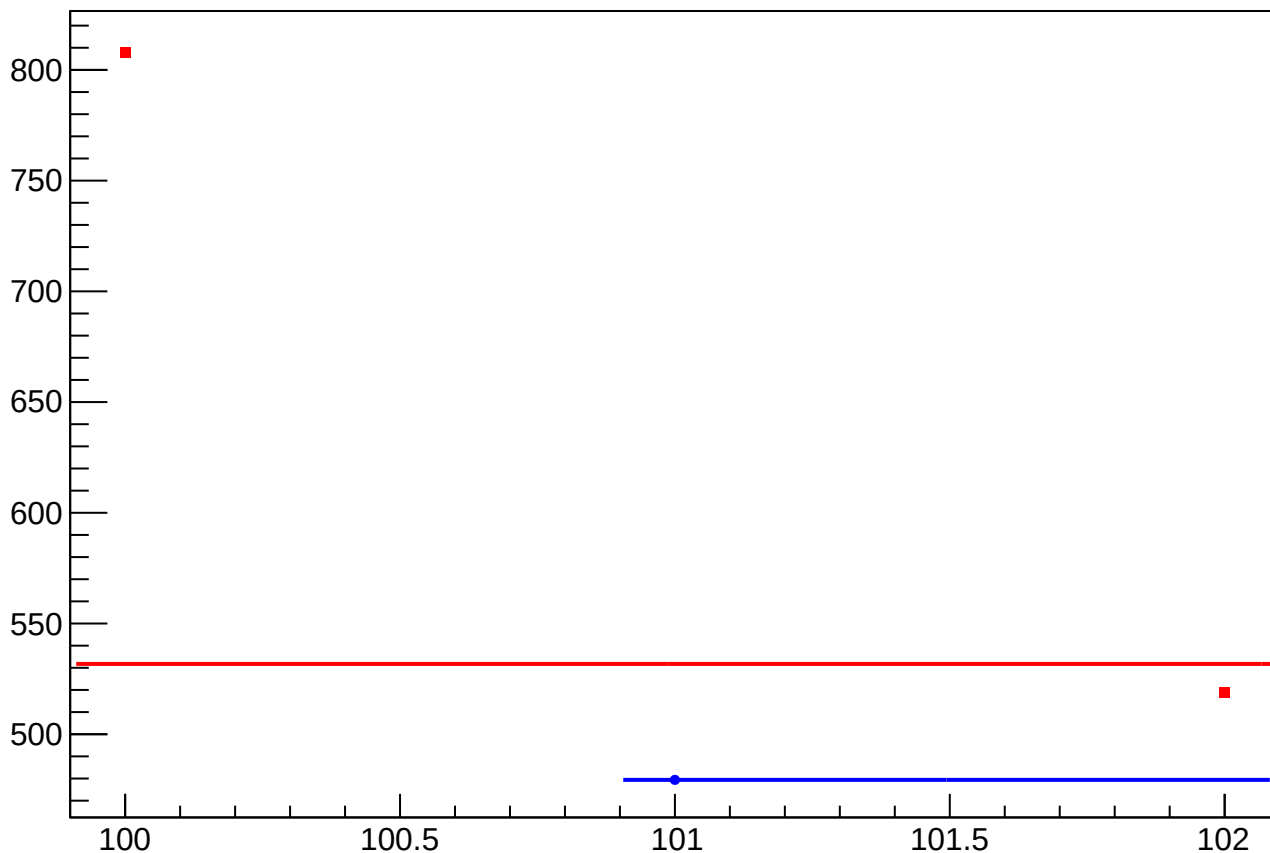
Right: -535.023+/-432.077 χ^2/NDF : 6.1/2

In: -1151.411+/-593.493 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -535.023+/-432.077 χ^2/NDF : 6.1/2

asym_sam_1357_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 479.391+/-0.420 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 531.757+/-0.446 χ^2/NDF : 17696.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

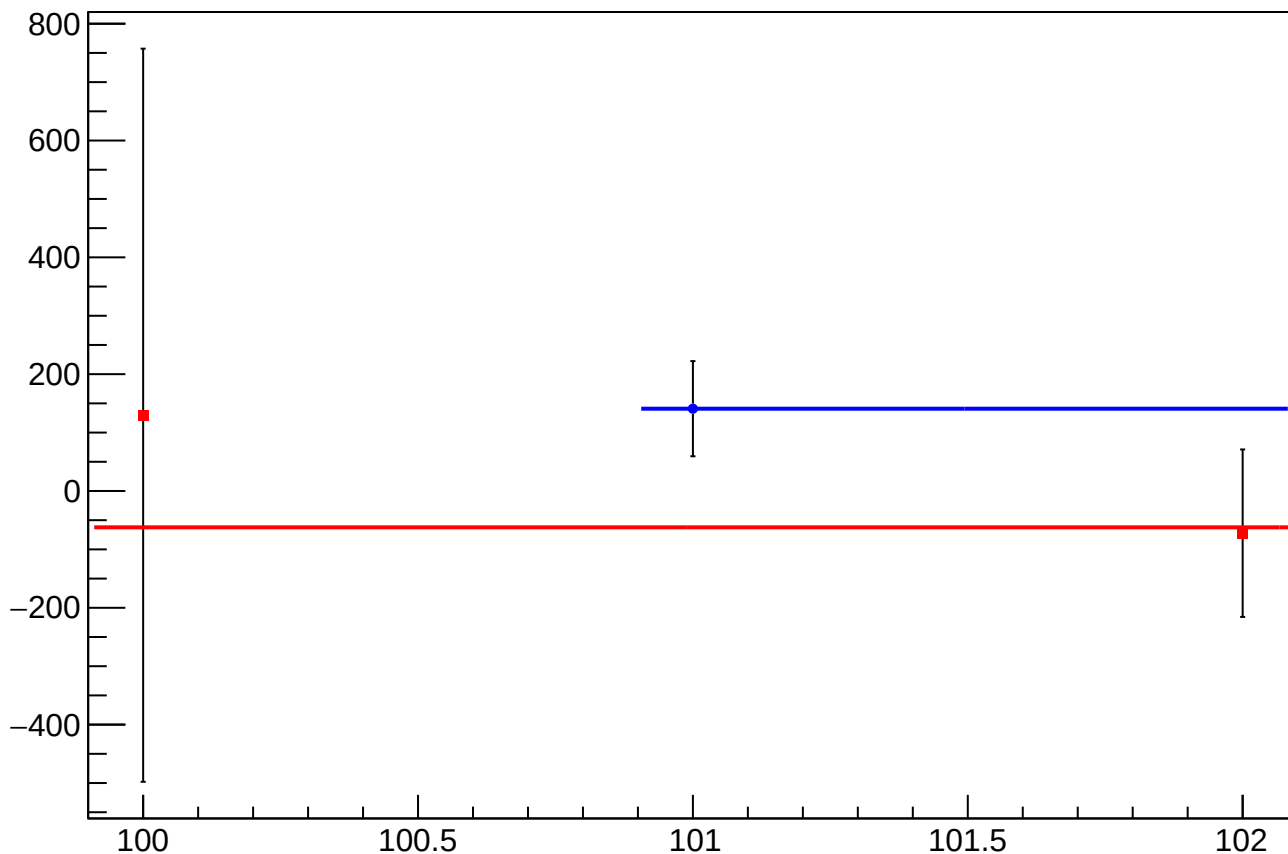
Right: 504.002+/-0.306 χ^2/NDF : 25014.6/2

In: 479.391+/-0.420 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 504.002+/-0.306 χ^2/NDF : 25014.6/2

eigen_cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 140.862+/-81.478 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -62.239+/-139.754 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

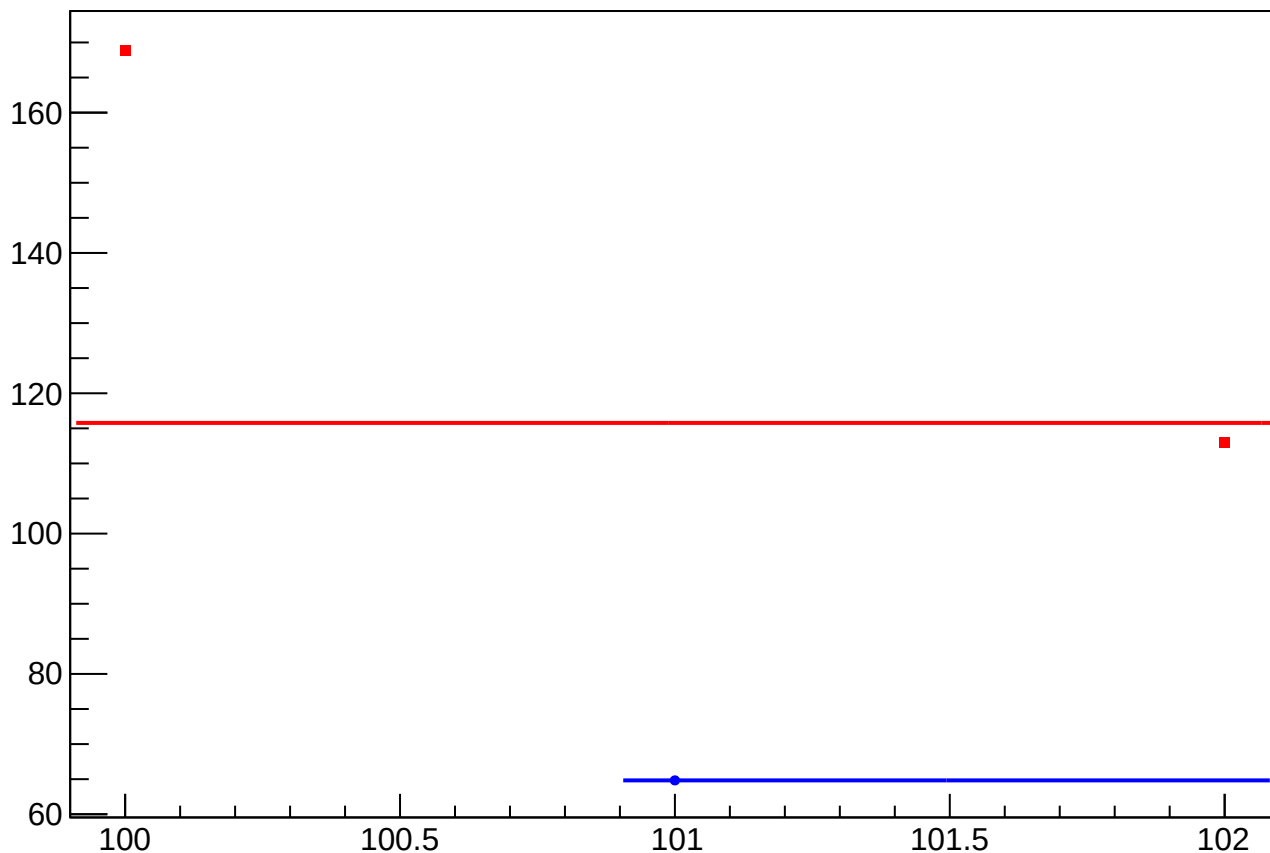
Right: 89.341+/-70.389 χ^2/NDF : 1.7/2

In: 140.862+/-81.478 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.341+/-70.389 χ^2/NDF : 1.7/2

eigen_cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 64.826 $\pm$ 0.058 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 115.776 $\pm$ 0.099 χ^2 /NDF: 15029.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

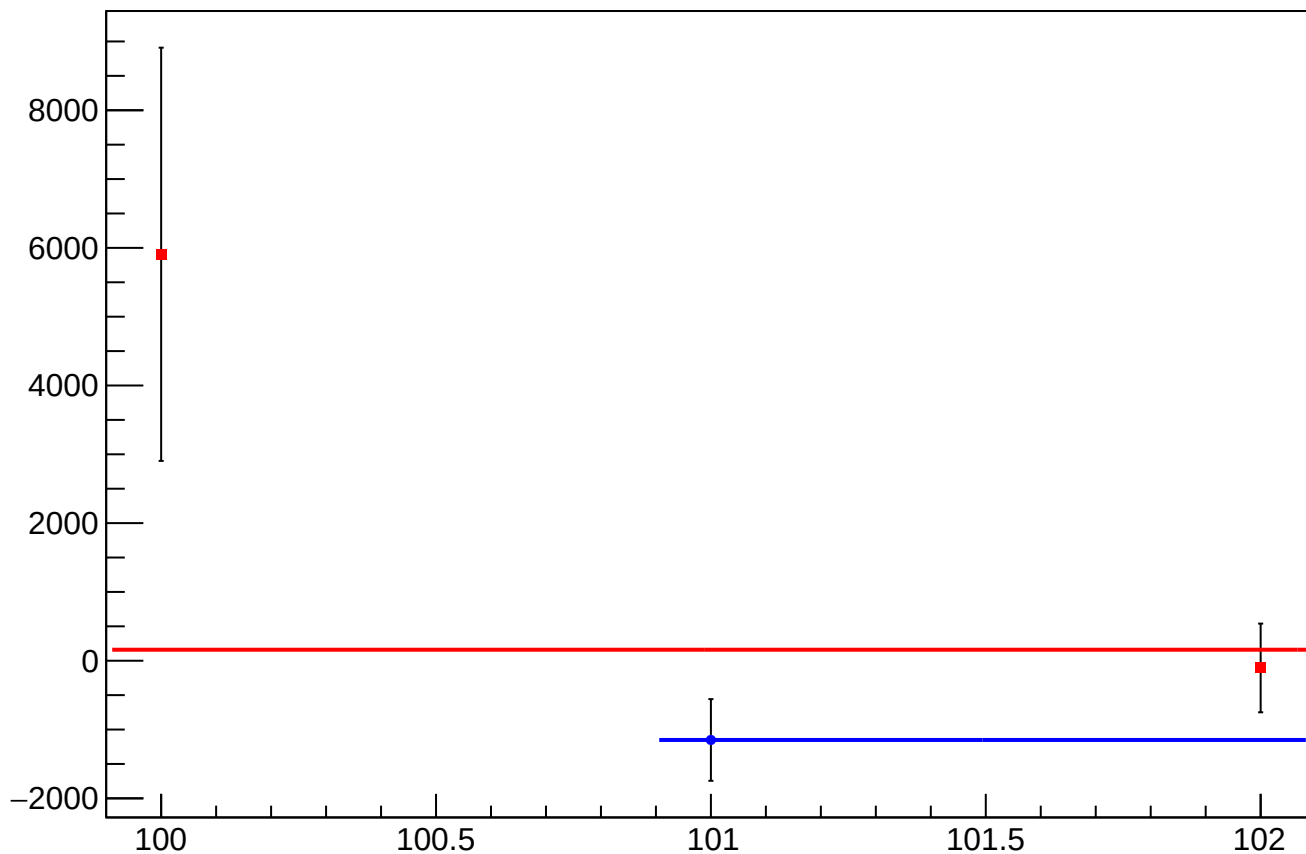
Right: 77.750 $\pm$ 0.050 χ^2 /NDF: 213421.2/2

In: 64.826 $\pm$ 0.058 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 77.750 $\pm$ 0.050 χ^2 /NDF: 213421.2/2

asym_sam_1357_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1151.411+/-593.493 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 160.106+/-630.262 χ^2/NDF : 3.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

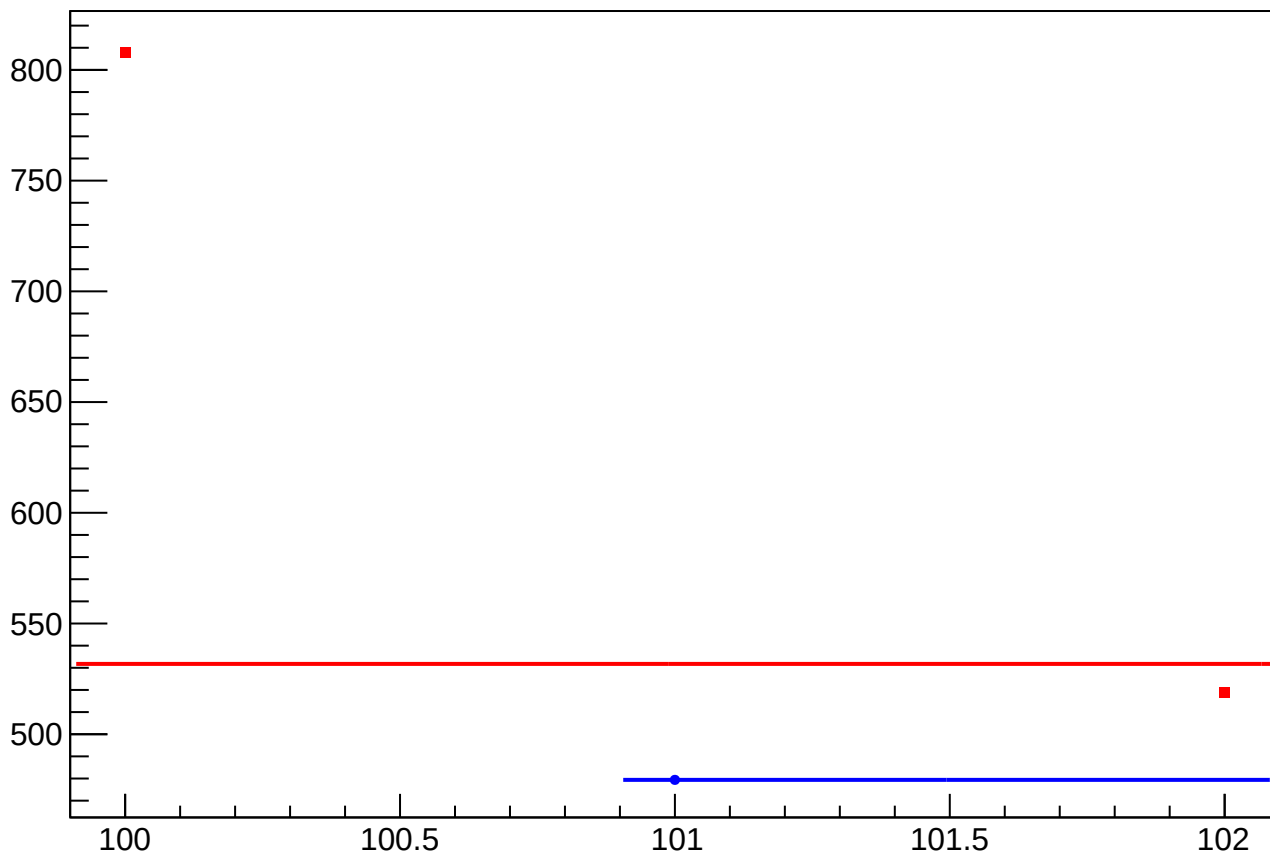
Right: -535.023+/-432.077 χ^2/NDF : 6.1/2

In: -1151.411+/-593.493 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -535.023+/-432.077 χ^2/NDF : 6.1/2

asym_sam_1357_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 479.391 $\pm$ 0.420 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 531.757 $\pm$ 0.446 χ^2 /NDF: 17696.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

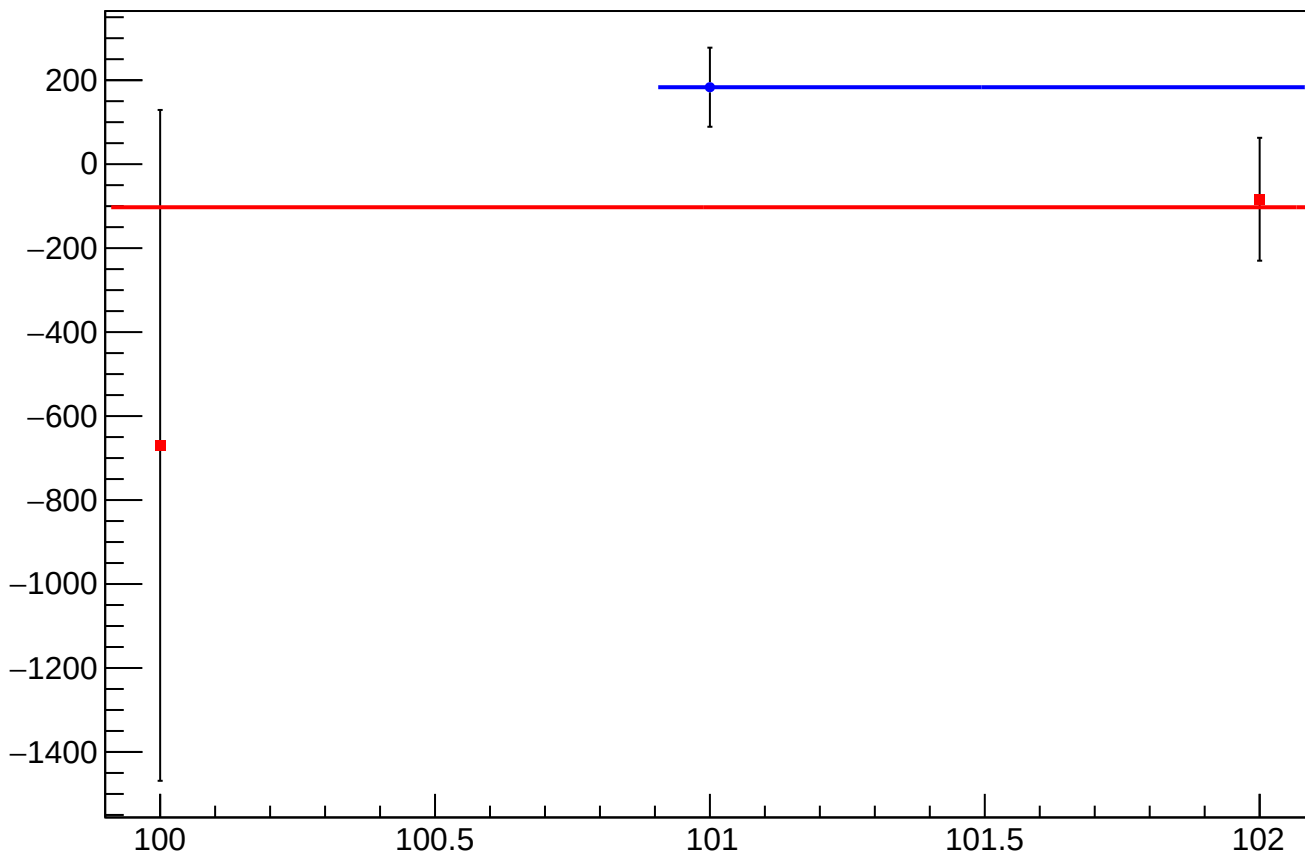
Right: 504.002 $\pm$ 0.306 χ^2 /NDF: 25014.6/2

In: 479.391 $\pm$ 0.420 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 504.002 $\pm$ 0.306 χ^2 /NDF: 25014.6/2

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 183.250+/-94.189 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -102.617+/-143.953 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

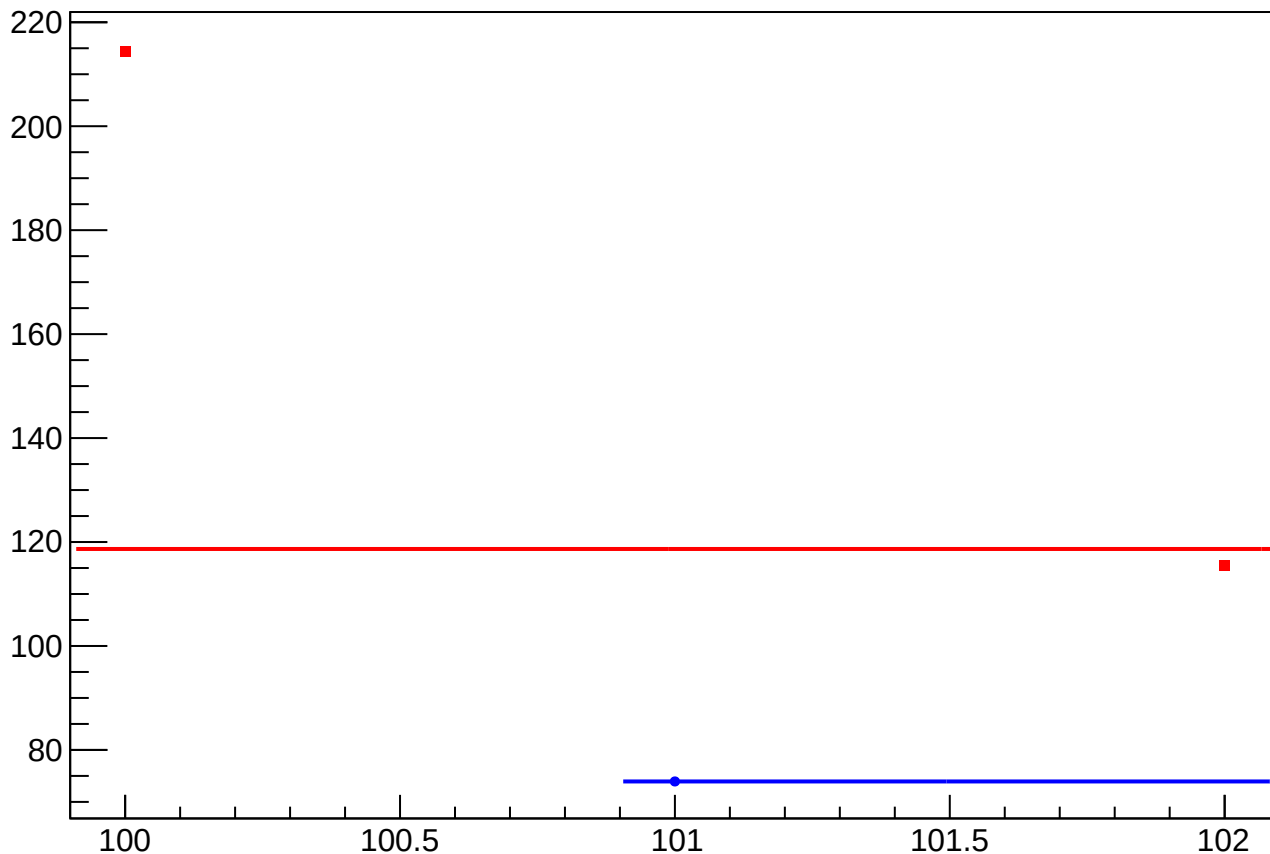
Right: 97.553+/-78.817 χ^2/NDF : 3.3/2

In: 183.250+/-94.189 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.553+/-78.817 χ^2/NDF : 3.3/2

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 73.935 $\pm$ 0.067 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 118.663 $\pm$ 0.102 χ^2 /NDF: 29657.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

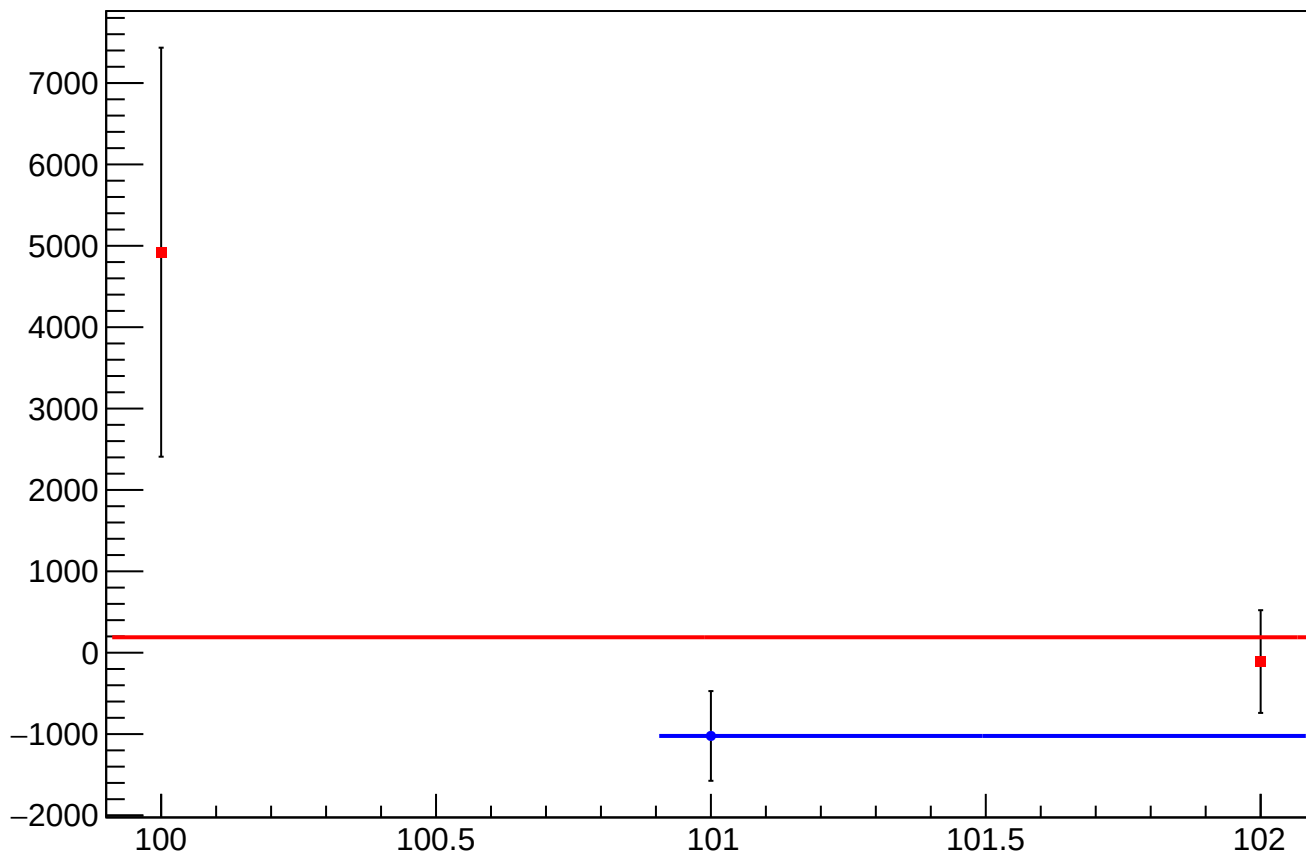
Right: 87.344 $\pm$ 0.056 χ^2 /NDF: 164858.6/2

In: 73.935 $\pm$ 0.067 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 87.344 $\pm$ 0.056 χ^2 /NDF: 164858.6/2

asym_sam_1357_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1022.759+/-551.186 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 189.660+/-612.068 χ^2/NDF : 3.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

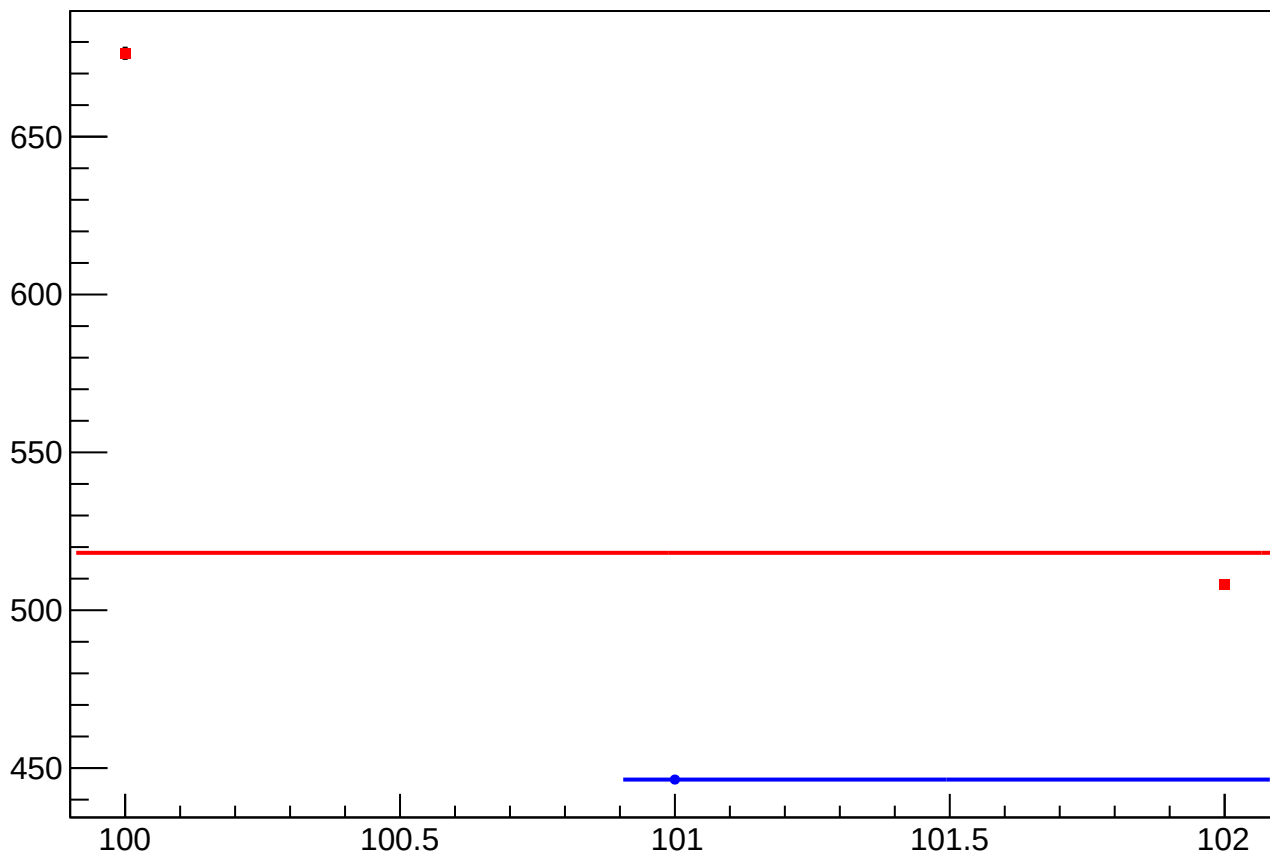
Right: -479.832+/-409.585 χ^2/NDF : 5.9/2

In: -1022.759+/-551.186 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -479.832+/-409.585 χ^2/NDF : 5.9/2

asym_sam_1357_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 446.358+/-0.390 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 518.181+/-0.433 χ^2/NDF : 8429.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

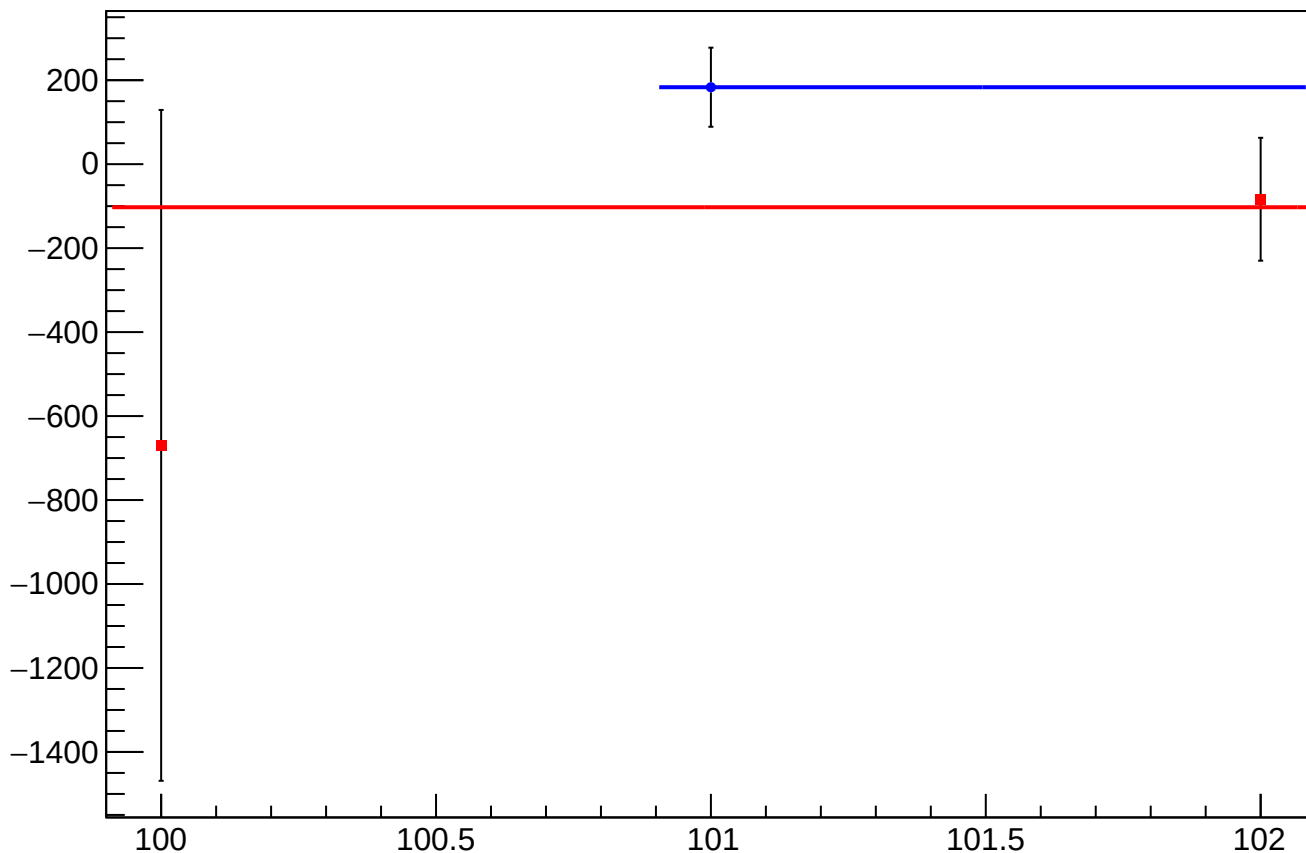
Right: 478.521+/-0.290 χ^2/NDF : 23636.7/2

In: 446.358+/-0.390 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 478.521+/-0.290 χ^2/NDF : 23636.7/2

eigen_dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 183.255+/-94.190 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -102.617+/-143.953 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

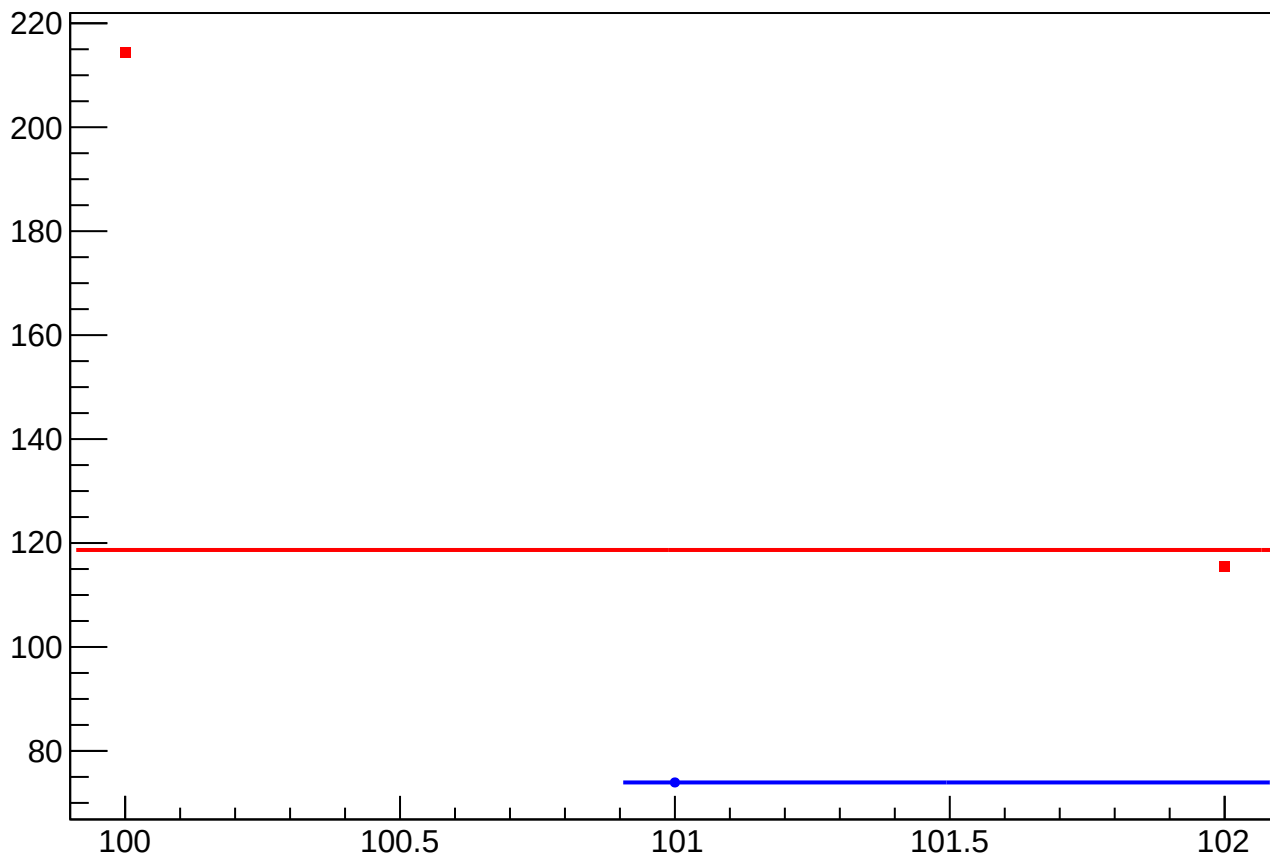
Right: 97.556+/-78.817 χ^2/NDF : 3.3/2

In: 183.255+/-94.190 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.556+/-78.817 χ^2/NDF : 3.3/2

eigen_dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 73.936 $\pm$ 0.067 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 118.663 $\pm$ 0.102 χ^2 /NDF: 29657.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

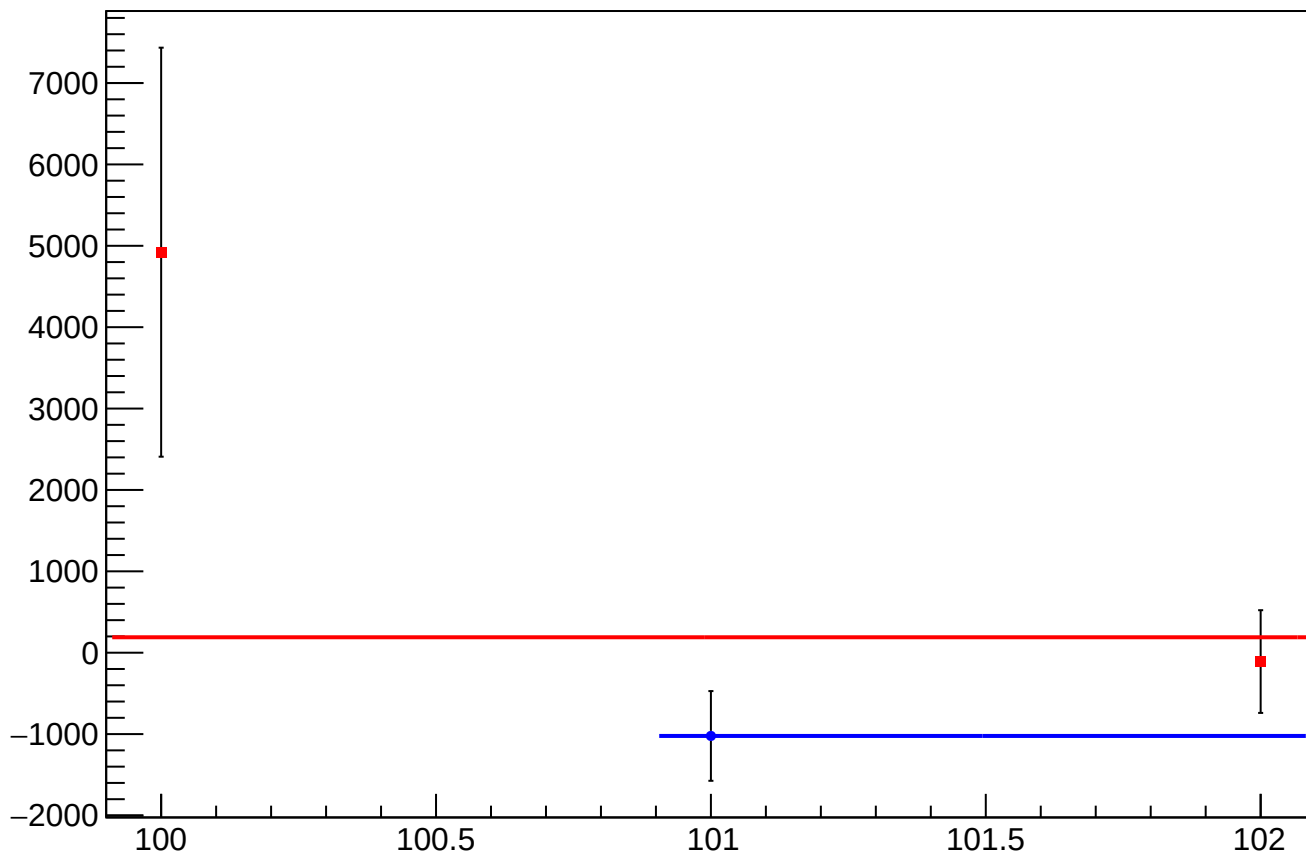
Right: 87.344 $\pm$ 0.056 χ^2 /NDF: 164855.9/2

In: 73.936 $\pm$ 0.067 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 87.344 $\pm$ 0.056 χ^2 /NDF: 164855.9/2

asym_sam_1357_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1022.755+/-551.184 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 189.660+/-612.066 χ^2/NDF : 3.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

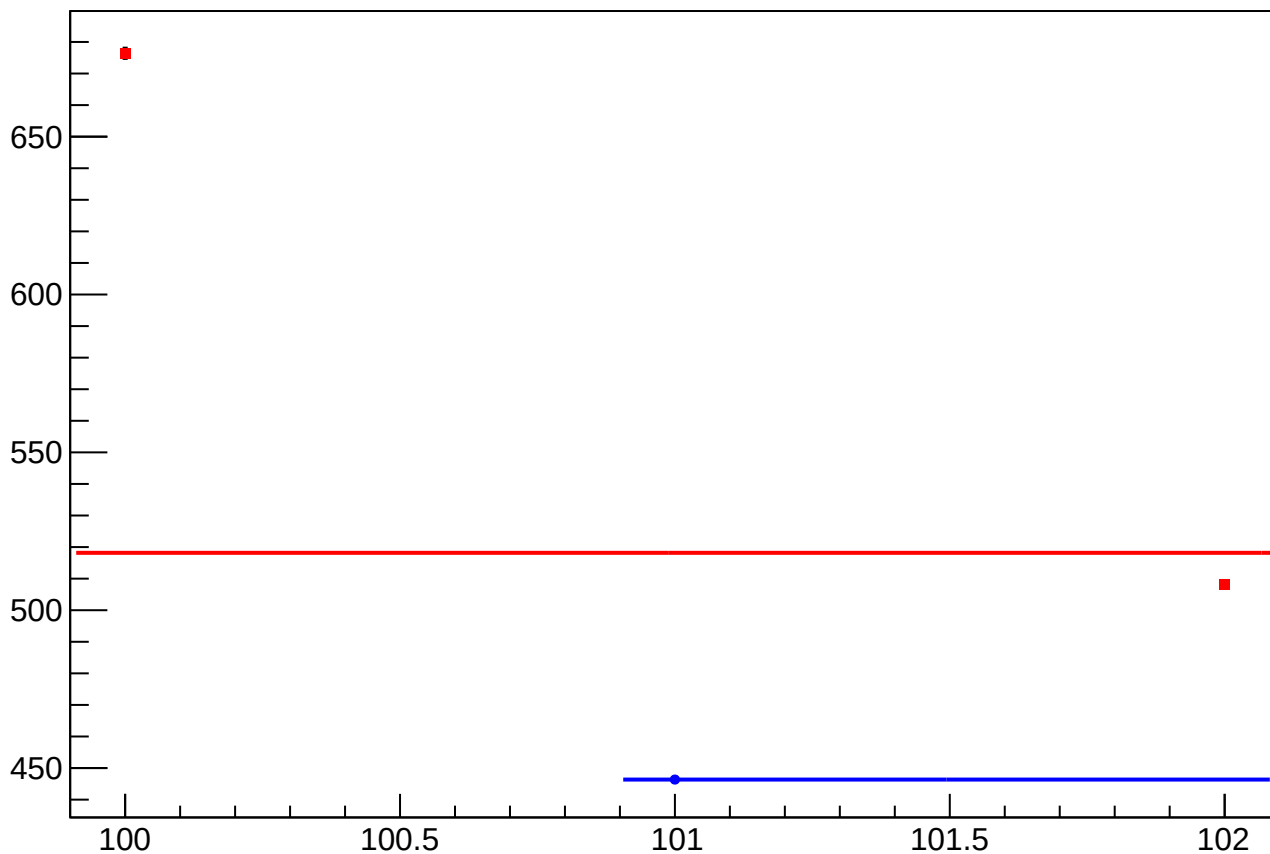
Right: -479.830+/-409.584 χ^2/NDF : 5.9/2

In: -1022.755+/-551.184 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -479.830+/-409.584 χ^2/NDF : 5.9/2

asym_sam_1357_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 446.356 $\pm$ 0.390 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 518.179 $\pm$ 0.433 χ^2 /NDF: 8429.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

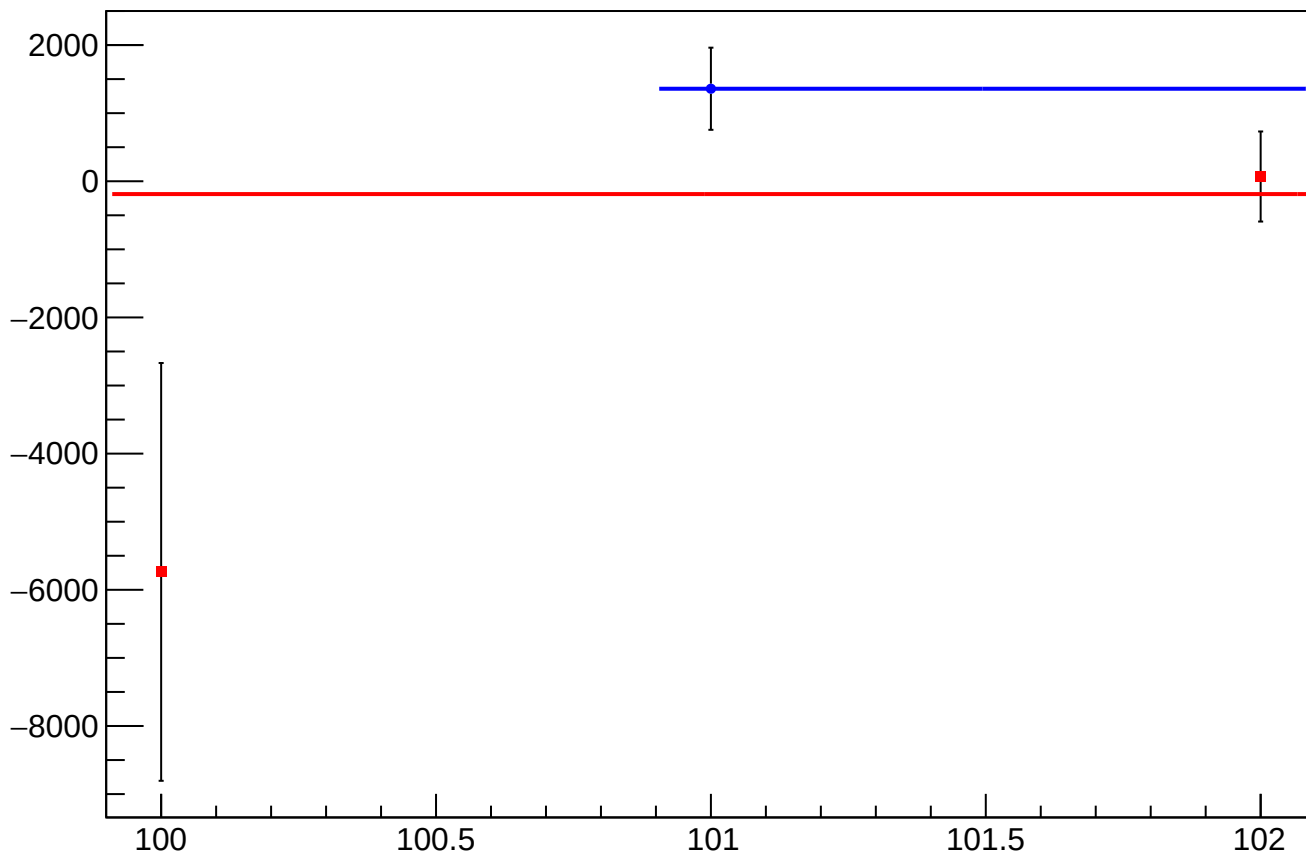
Right: 478.519 $\pm$ 0.290 χ^2 /NDF: 23636.8/2

In: 446.356 $\pm$ 0.390 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 478.519 $\pm$ 0.290 χ^2 /NDF: 23636.8/2

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 1358.560+/-603.178 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -188.318+/-646.530 χ^2/NDF : 3.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

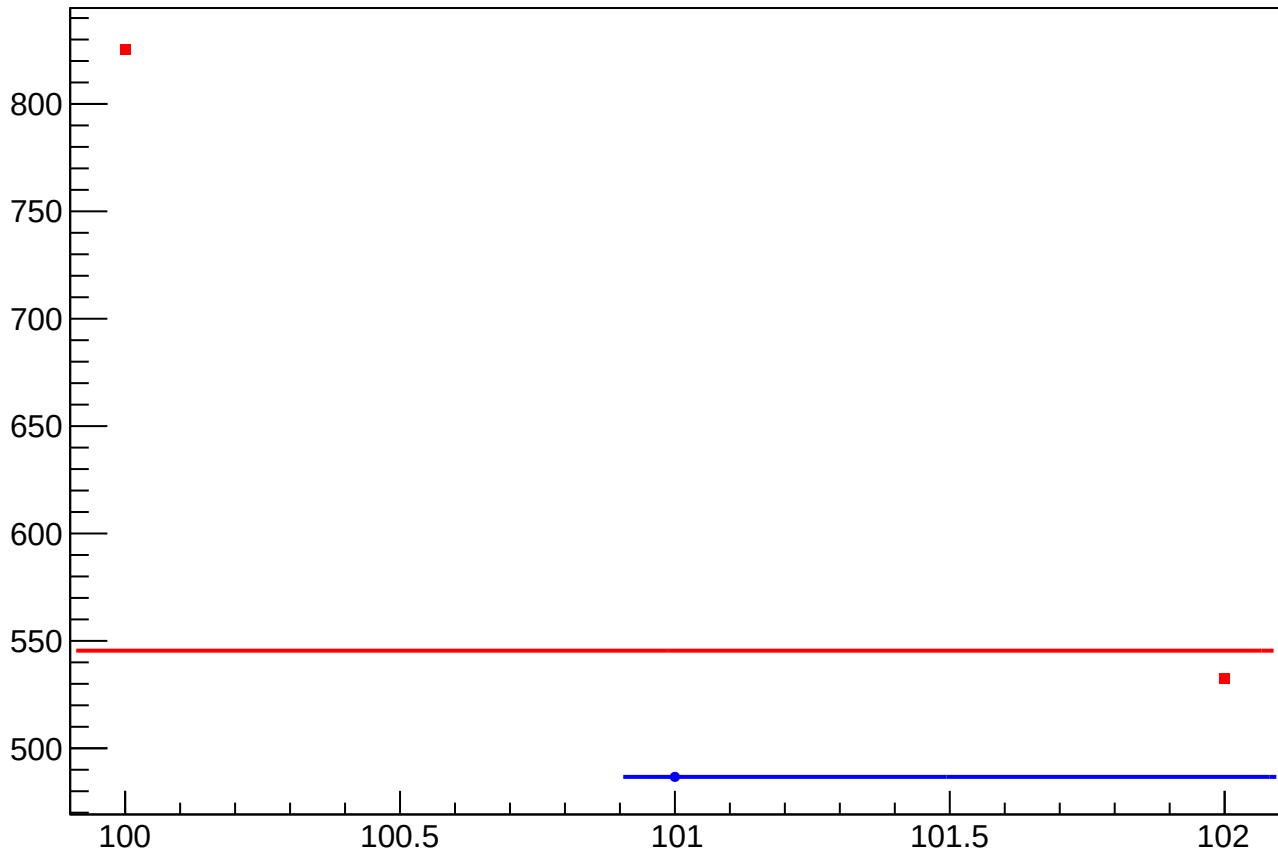
Right: 638.717+/-441.042 χ^2/NDF : 6.5/2

In: 1358.560+/-603.178 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 638.717+/-441.042 χ^2/NDF : 6.5/2

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 486.679+/-0.427 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 545.451+/-0.457 χ^2/NDF : 17432.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

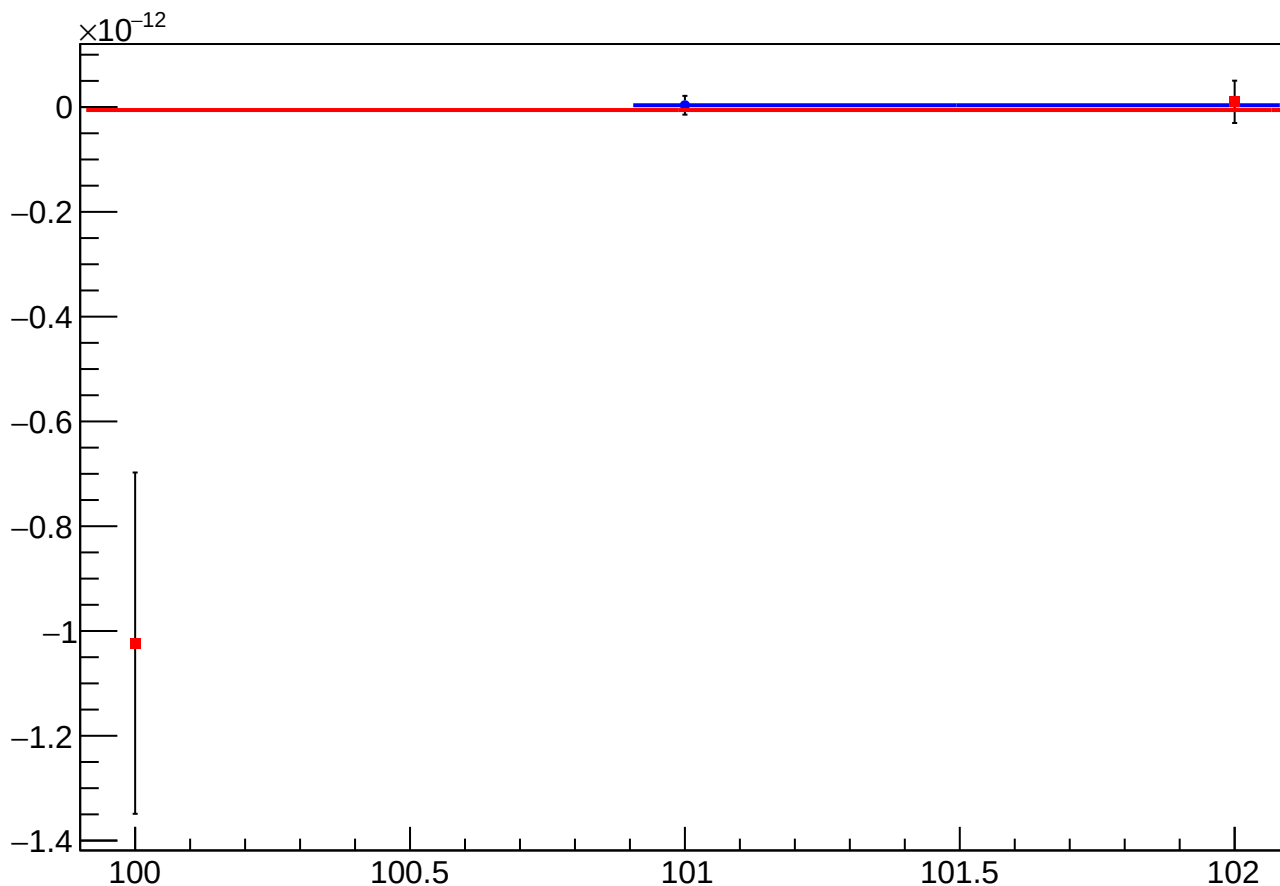
Right: 514.029+/-0.312 χ^2/NDF : 26269.0/2

In: 486.679+/-0.427 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 514.029+/-0.312 χ^2/NDF : 26269.0/2

asym_sam_1357_avg_reg_vs_cor_diff_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 : 9.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

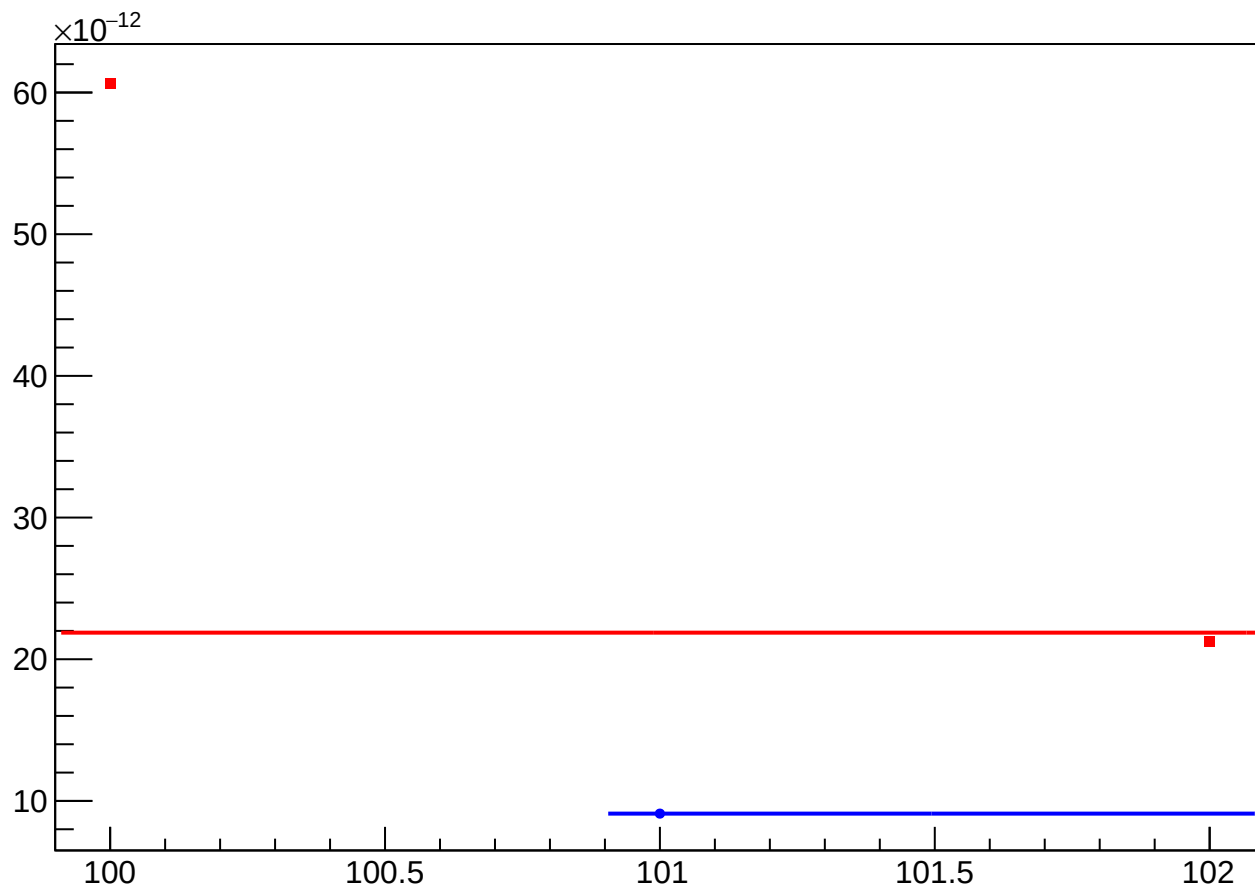
Right: 0.000+/-0.000 χ^2/NDF : 10.0/2

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 : 10.0/2

asym_sam_1357_avg_reg_vs_cor_diff_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 : 28710.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

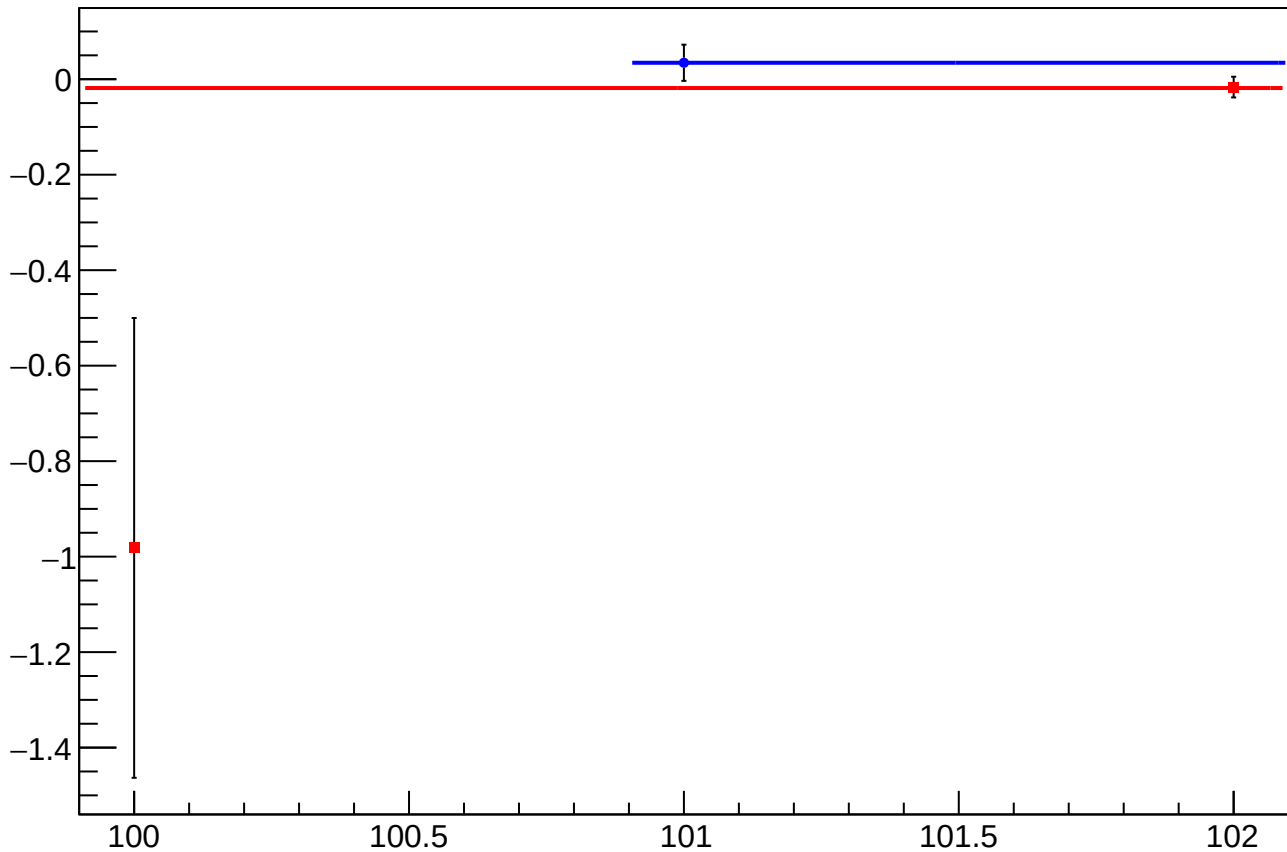
Right: 0.000+/-0.000 χ^2/NDF : 197929.6/2

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 : 197929.6/2

asym_sam_1357_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.034 $\pm$ 0.038 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.018 $\pm$ 0.022 χ^2 /NDF: 4.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

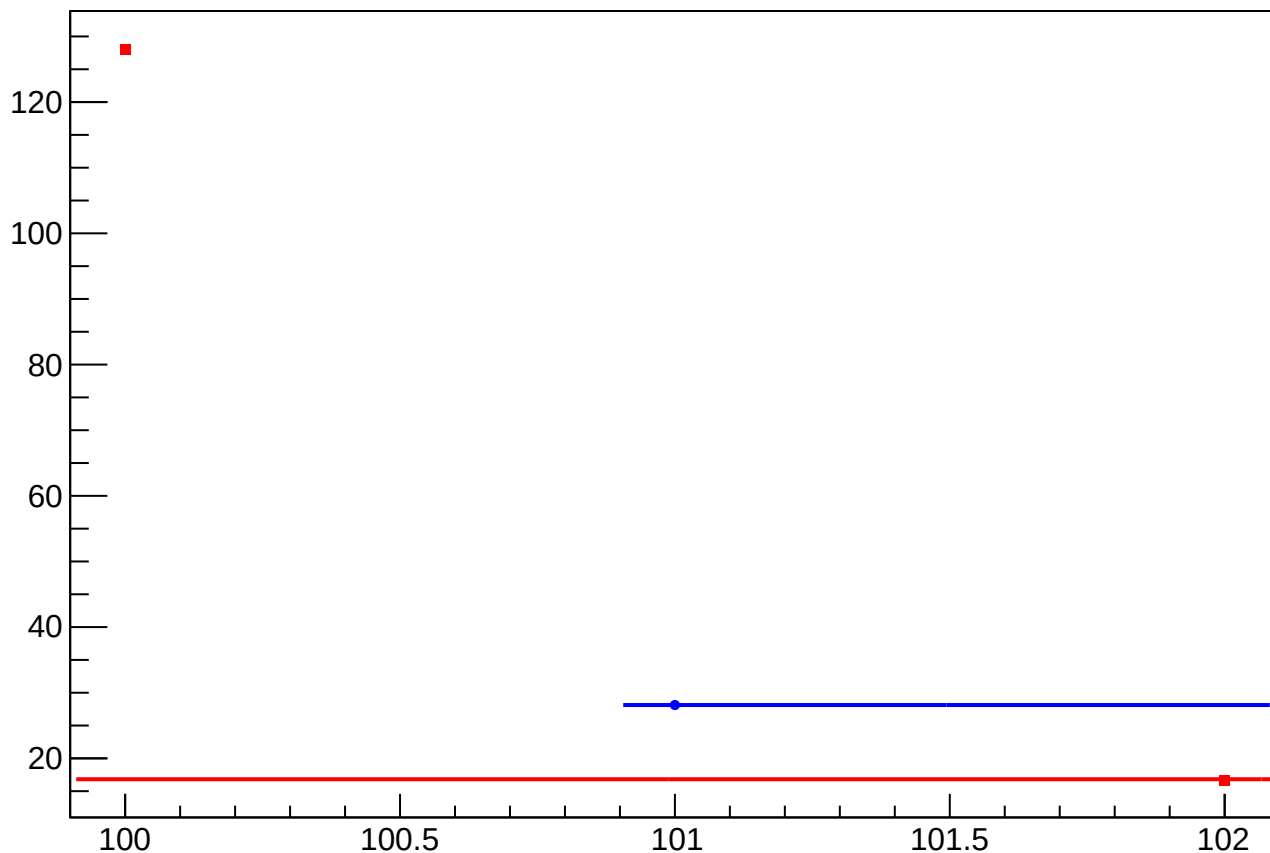
Right: -0.005 $\pm$ 0.019 χ^2 /NDF: 5.5/2

In: 0.034 $\pm$ 0.038 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.005 $\pm$ 0.019 χ^2 /NDF: 5.5/2

asym_sam_1357_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.125+/-0.027 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.821+/-0.015 χ^2/NDF : 106731.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

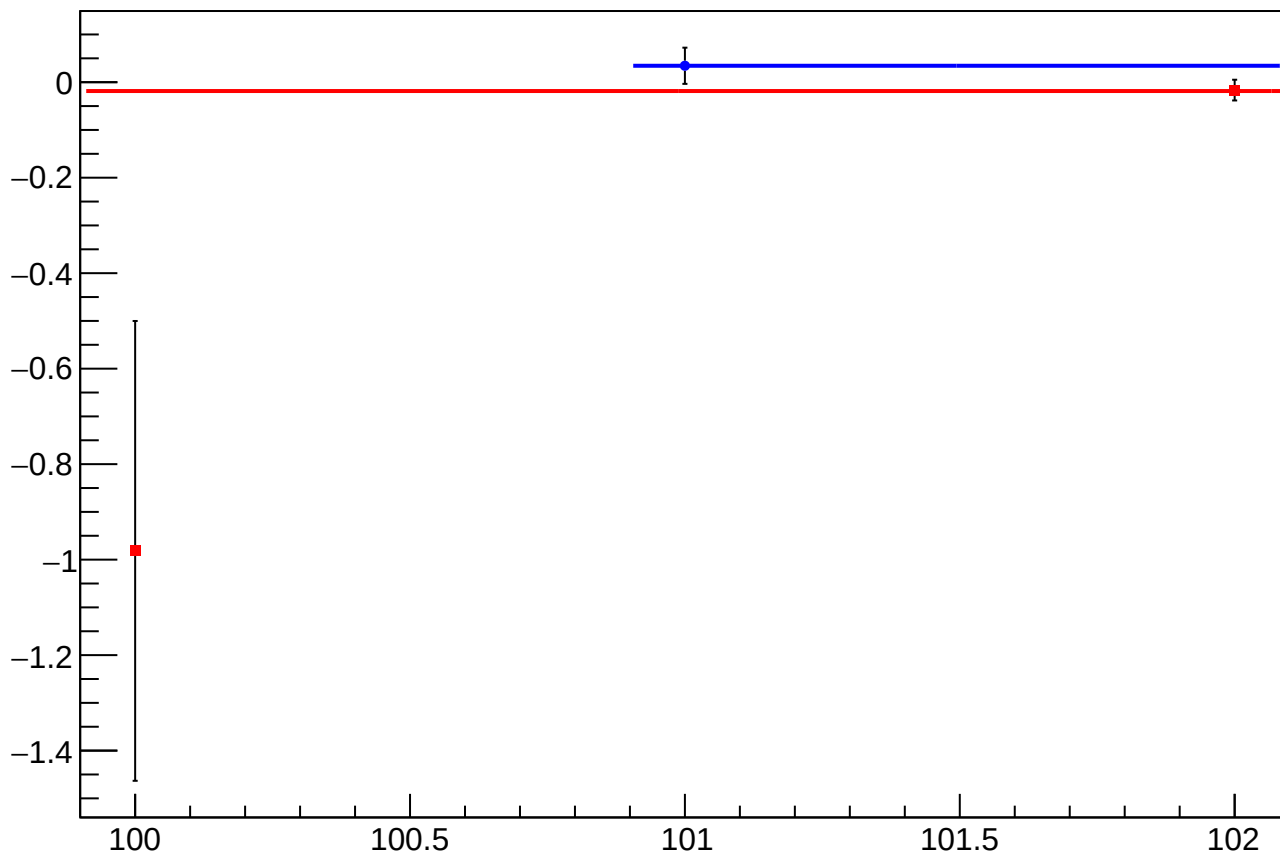
Right: 19.609+/-0.013 χ^2/NDF : 240787.9/2

In: 28.125+/-0.027 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.609+/-0.013 χ^2/NDF : 240787.9/2

asym_sam_1357_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.034 $\pm$ 0.038 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.018 $\pm$ 0.022 χ^2 /NDF: 4.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

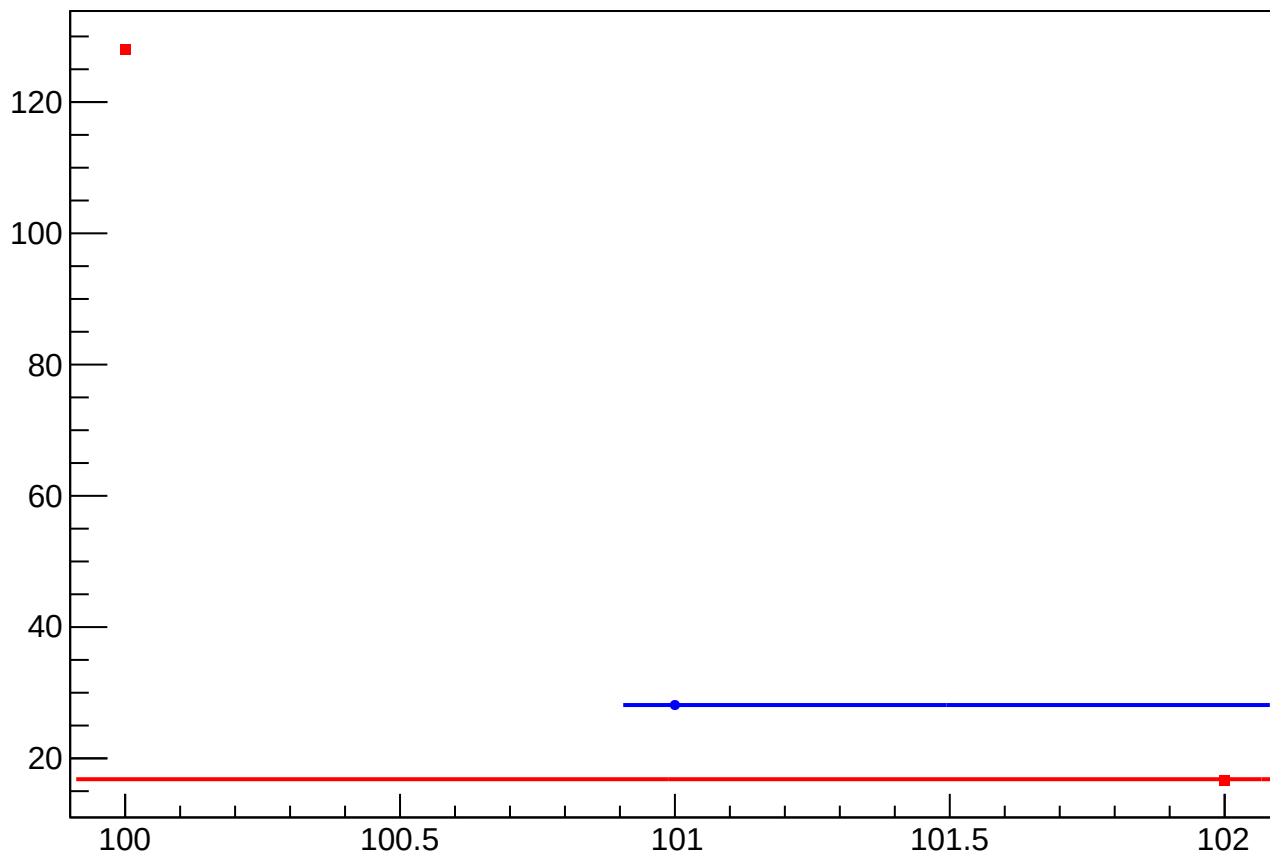
Right: -0.005 $\pm$ 0.019 χ^2 /NDF: 5.5/2

In: 0.034 $\pm$ 0.038 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.005 $\pm$ 0.019 χ^2 /NDF: 5.5/2

asym_sam_1357_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.125+/-0.027 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.821+/-0.015 χ^2/NDF : 106731.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

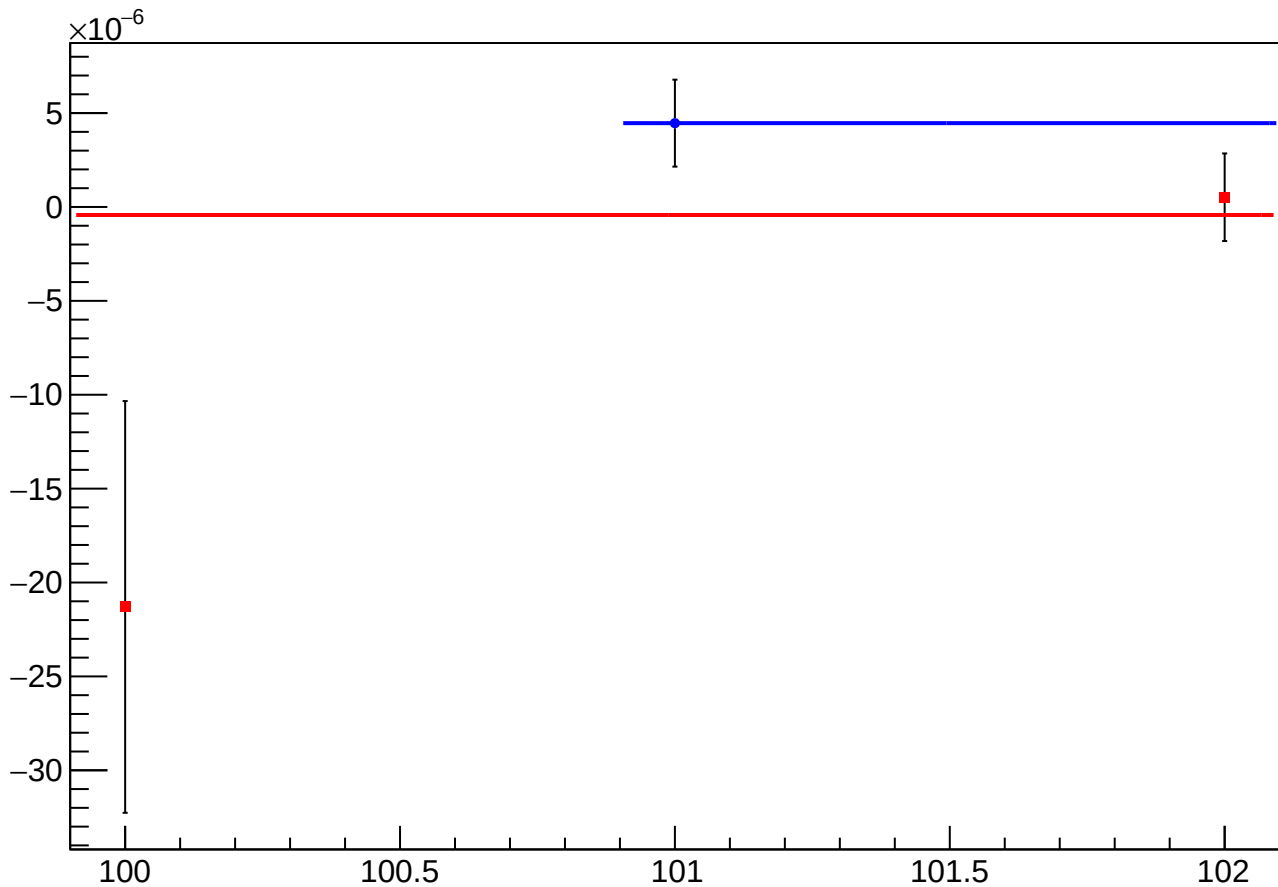
Right: 19.609+/-0.013 χ^2/NDF : 240787.9/2

In: 28.125+/-0.027 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.609+/-0.013 χ^2/NDF : 240787.9/2

asym_sam_1357_avg_eigen_dit_vs_dit_diff_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 : 3.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

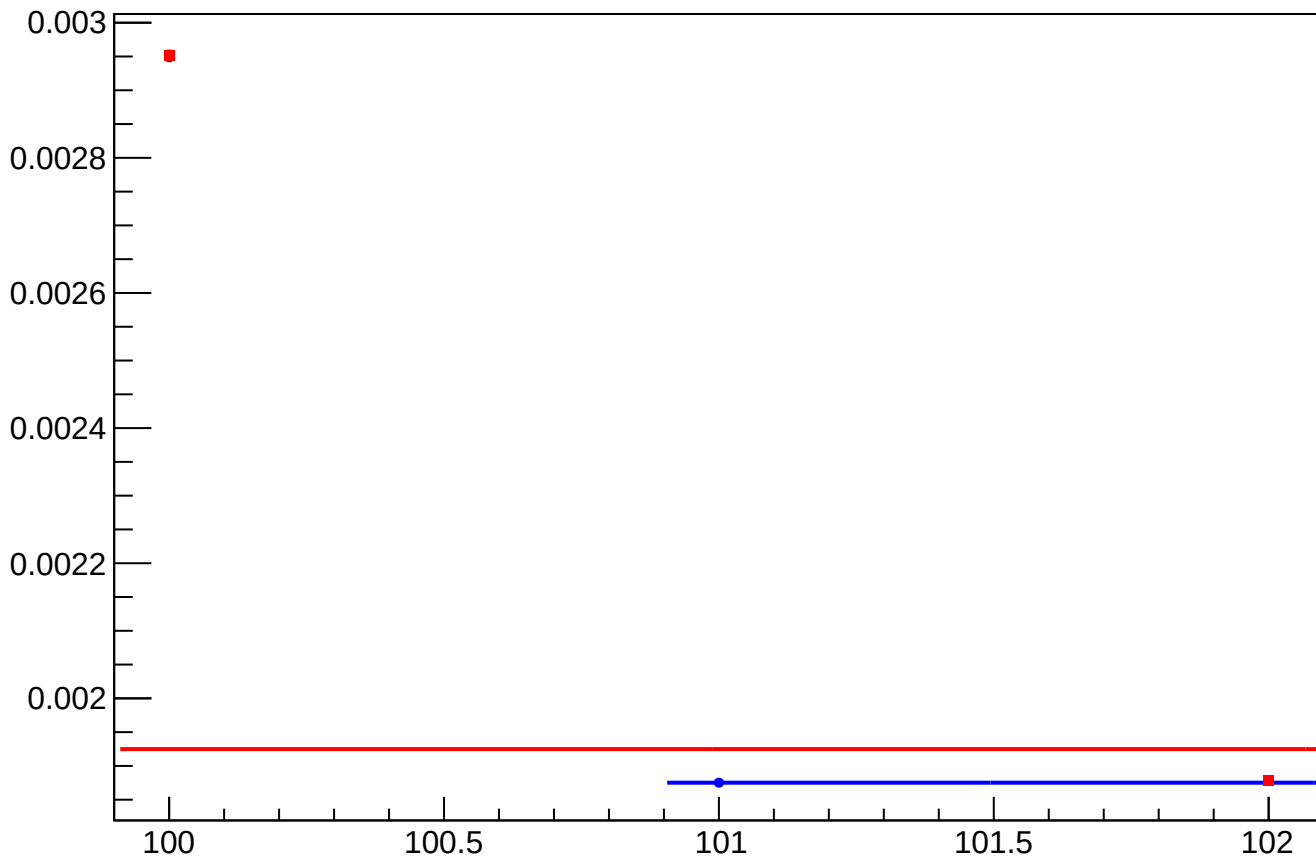
Right: 0.000+/-0.000 χ^2/NDF : 6.1/2

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 : 6.1/2

asym_sam_1357_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 18308.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

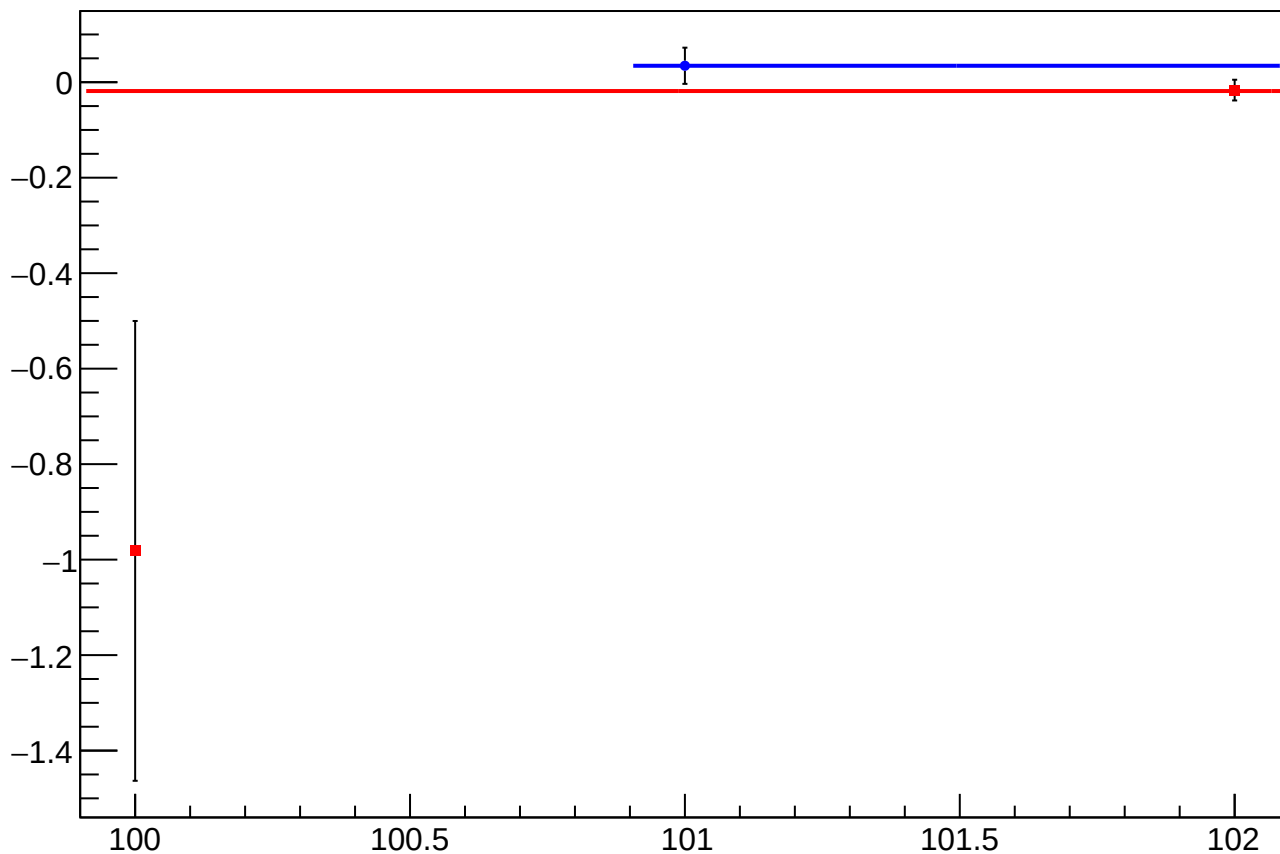
Right: 0.002 $\pm$ 0.000 χ^2 /NDF: 18776.7/2

In: 0.002 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 18776.7/2

asym_sam_1357_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.034 $\pm$ 0.038 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.018 $\pm$ 0.022 χ^2 /NDF: 4.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

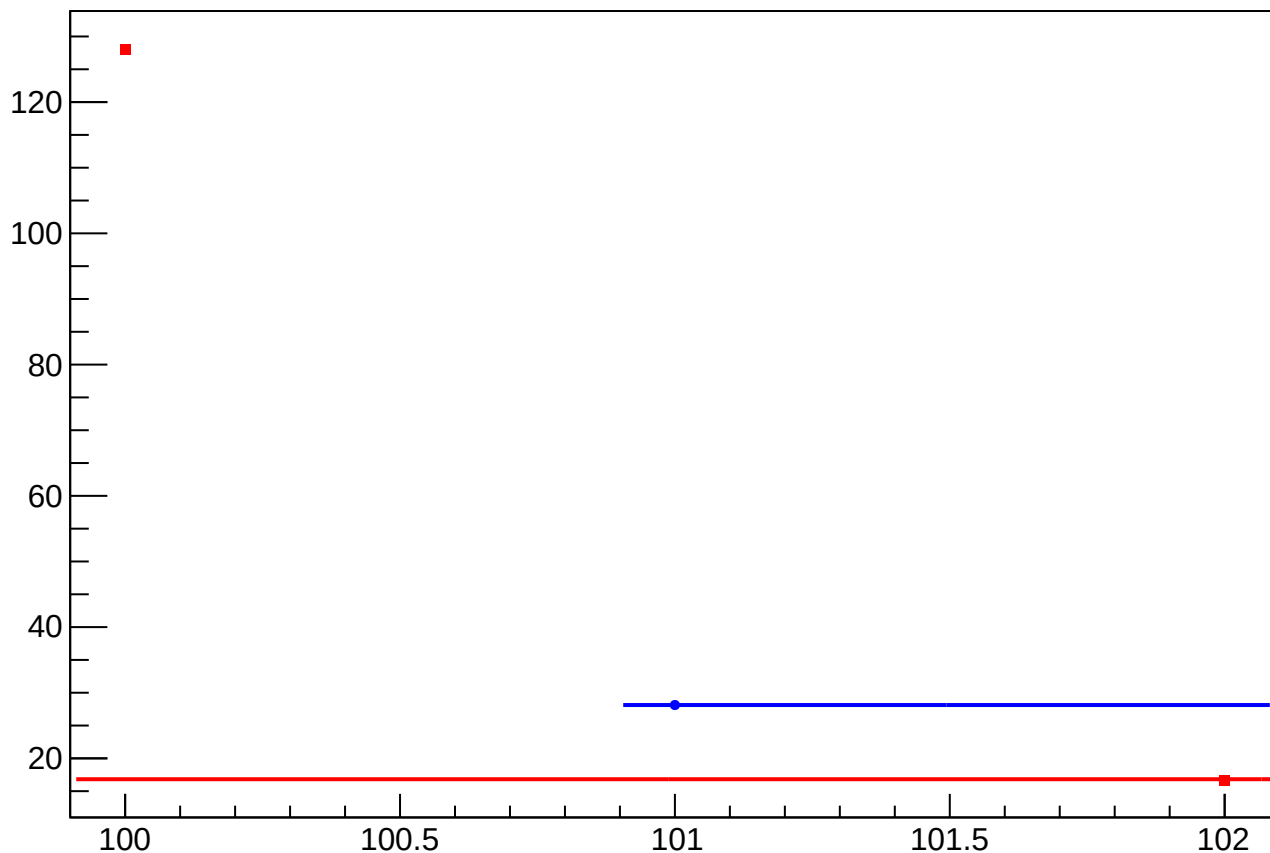
Right: -0.005 $\pm$ 0.019 χ^2 /NDF: 5.5/2

In: 0.034 $\pm$ 0.038 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.005 $\pm$ 0.019 χ^2 /NDF: 5.5/2

asym_sam_1357_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.126 $\pm$ 0.027 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.822 $\pm$ 0.015 χ^2 /NDF: 106730.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

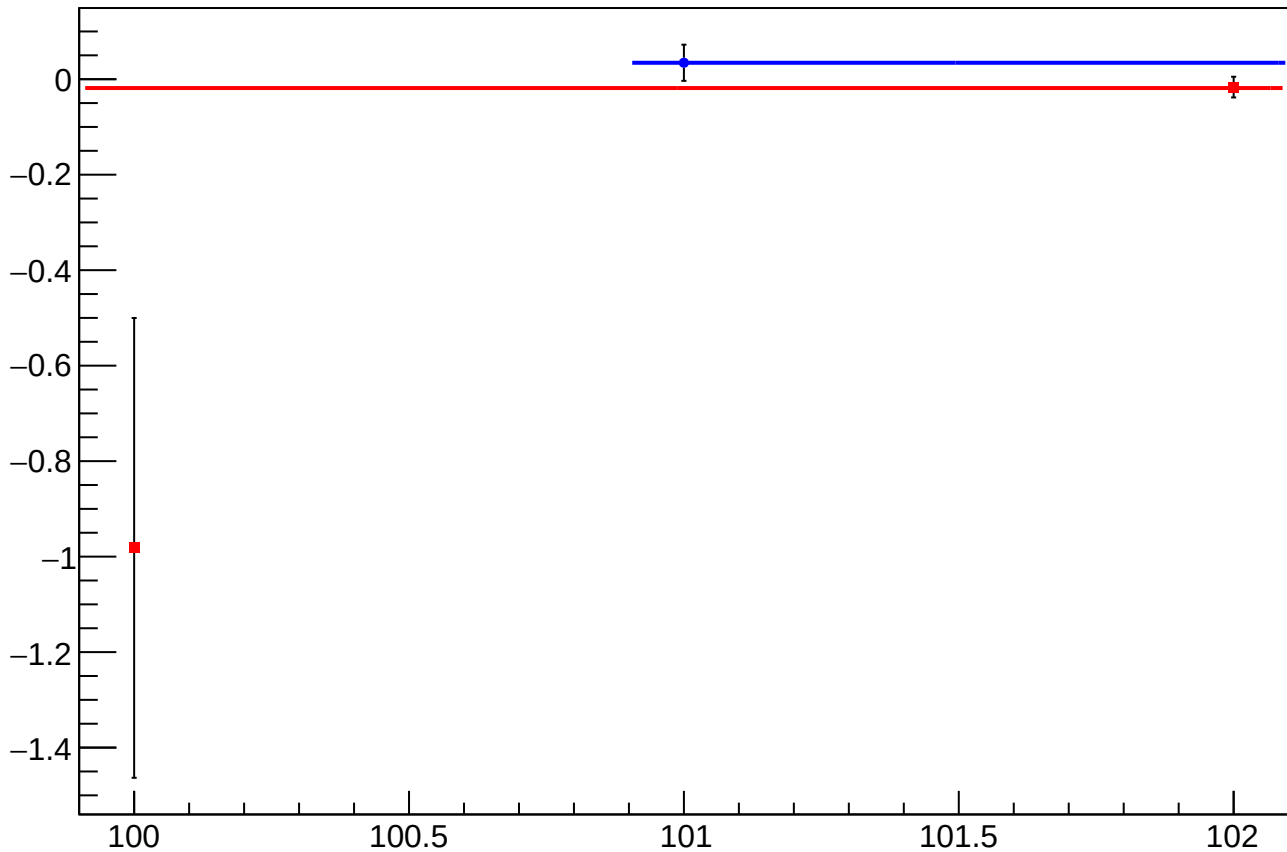
Right: 19.610 $\pm$ 0.013 χ^2 /NDF: 240791.0/2

In: 28.126 $\pm$ 0.027 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.610 $\pm$ 0.013 χ^2 /NDF: 240791.0/2

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.034 $\pm$ 0.038 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.018 $\pm$ 0.022 χ^2 /NDF: 4.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

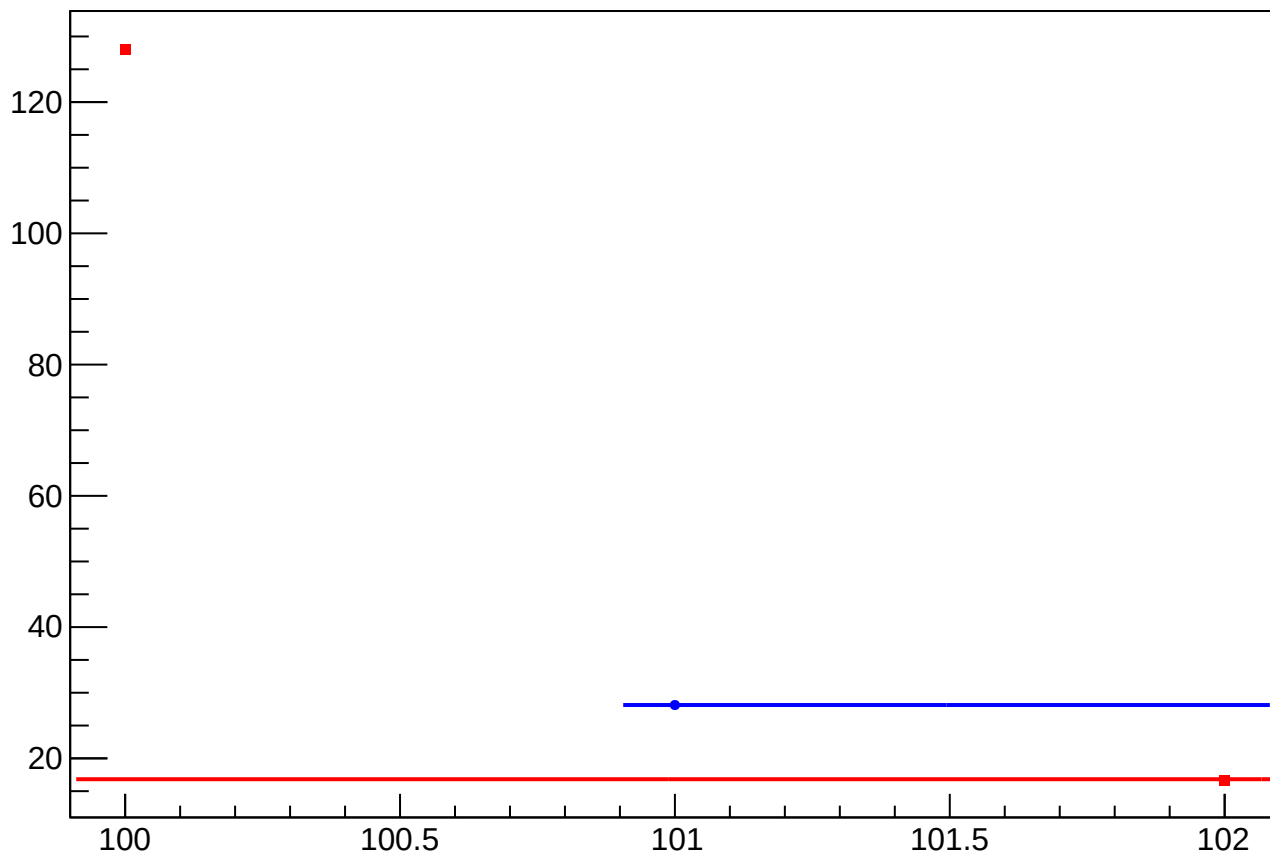
Right: -0.005 $\pm$ 0.019 χ^2 /NDF: 5.5/2

In: 0.034 $\pm$ 0.038 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.005 $\pm$ 0.019 χ^2 /NDF: 5.5/2

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.126 $\pm$ 0.027 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.822 $\pm$ 0.015 χ^2 /NDF: 106730.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

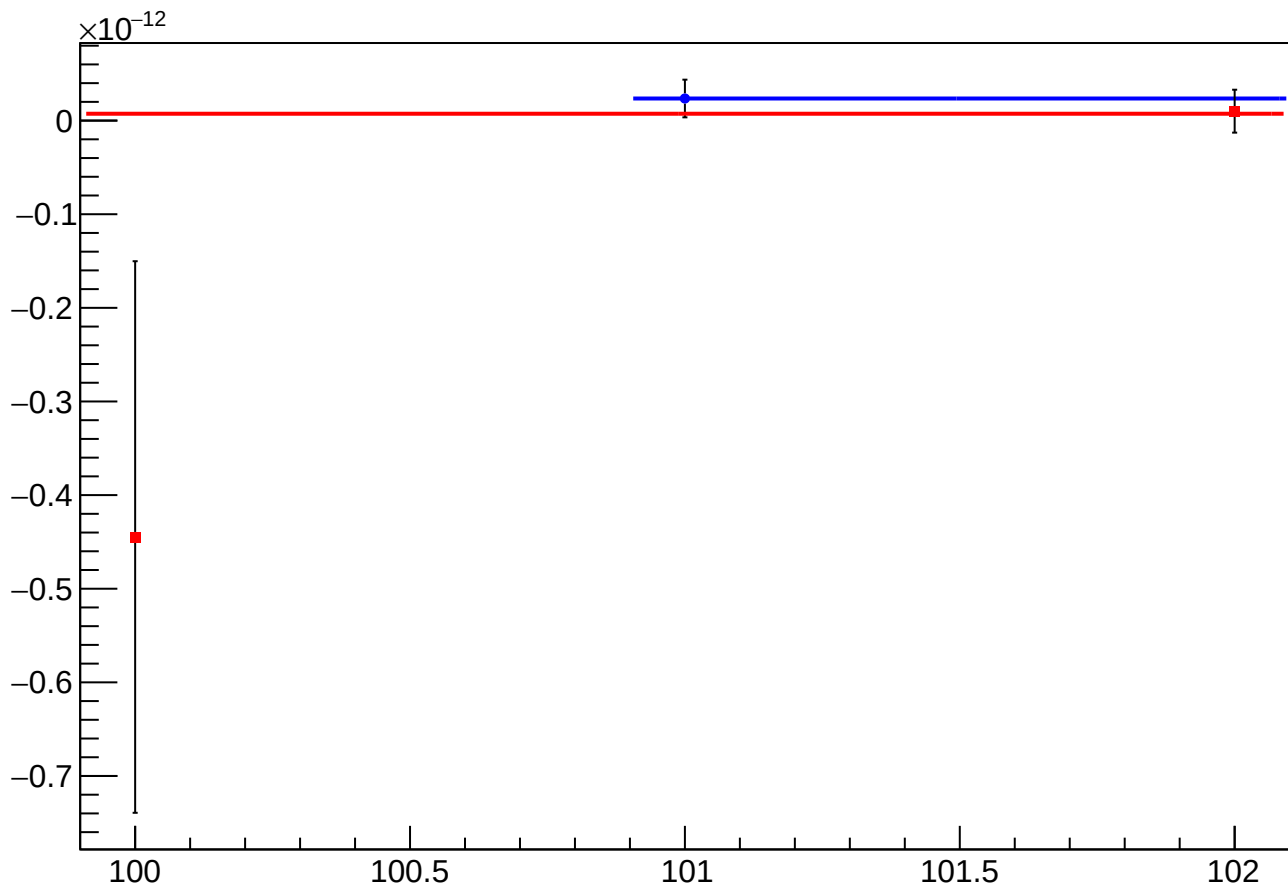
Right: 19.610 $\pm$ 0.013 χ^2 /NDF: 240791.0/2

In: 28.126 $\pm$ 0.027 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.610 $\pm$ 0.013 χ^2 /NDF: 240791.0/2

asym_sam_1357_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

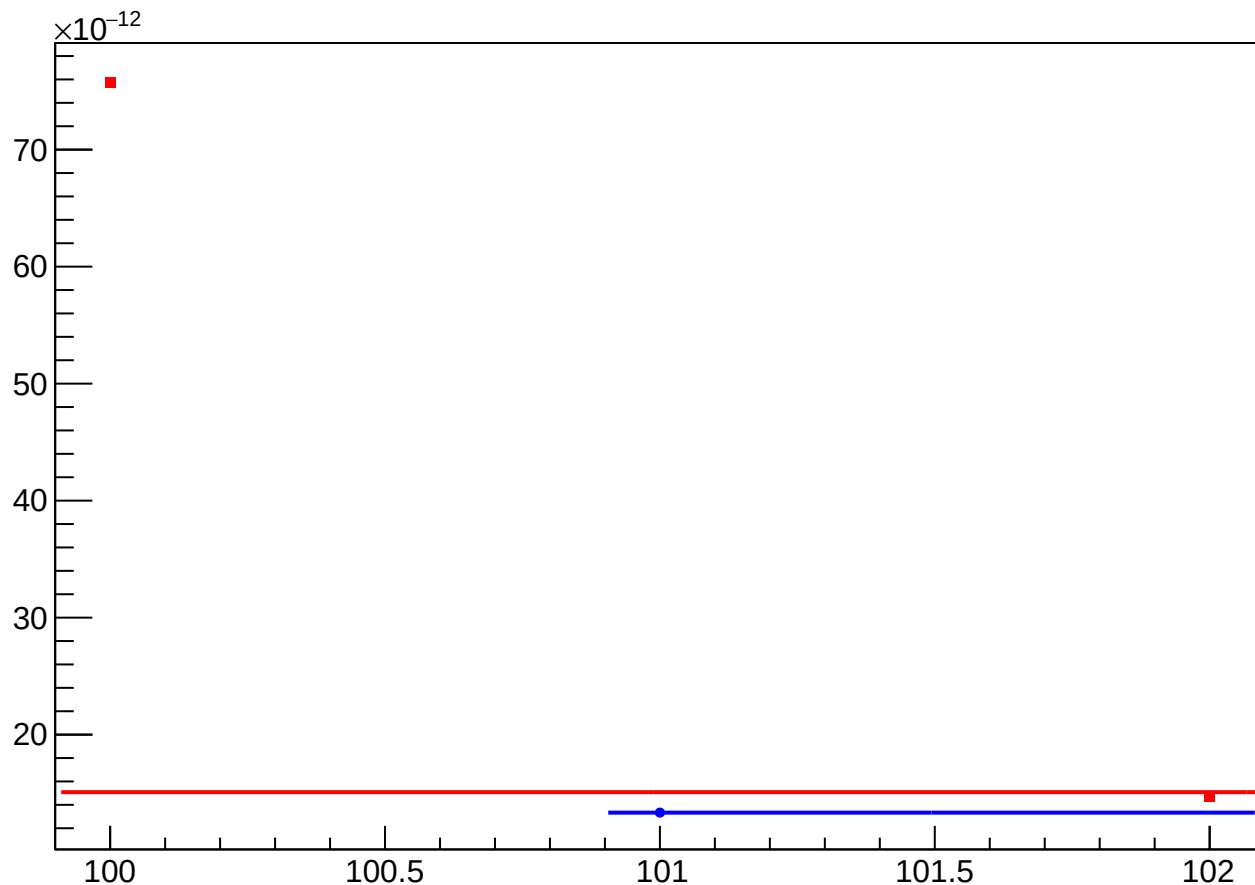
Right: 0.000+/-0.000 χ^2/NDF : 2.7/2

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 : 2.7/2

asym_sam_1357_avg_eigen_cor_vs_cor_diff_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 : 85403.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

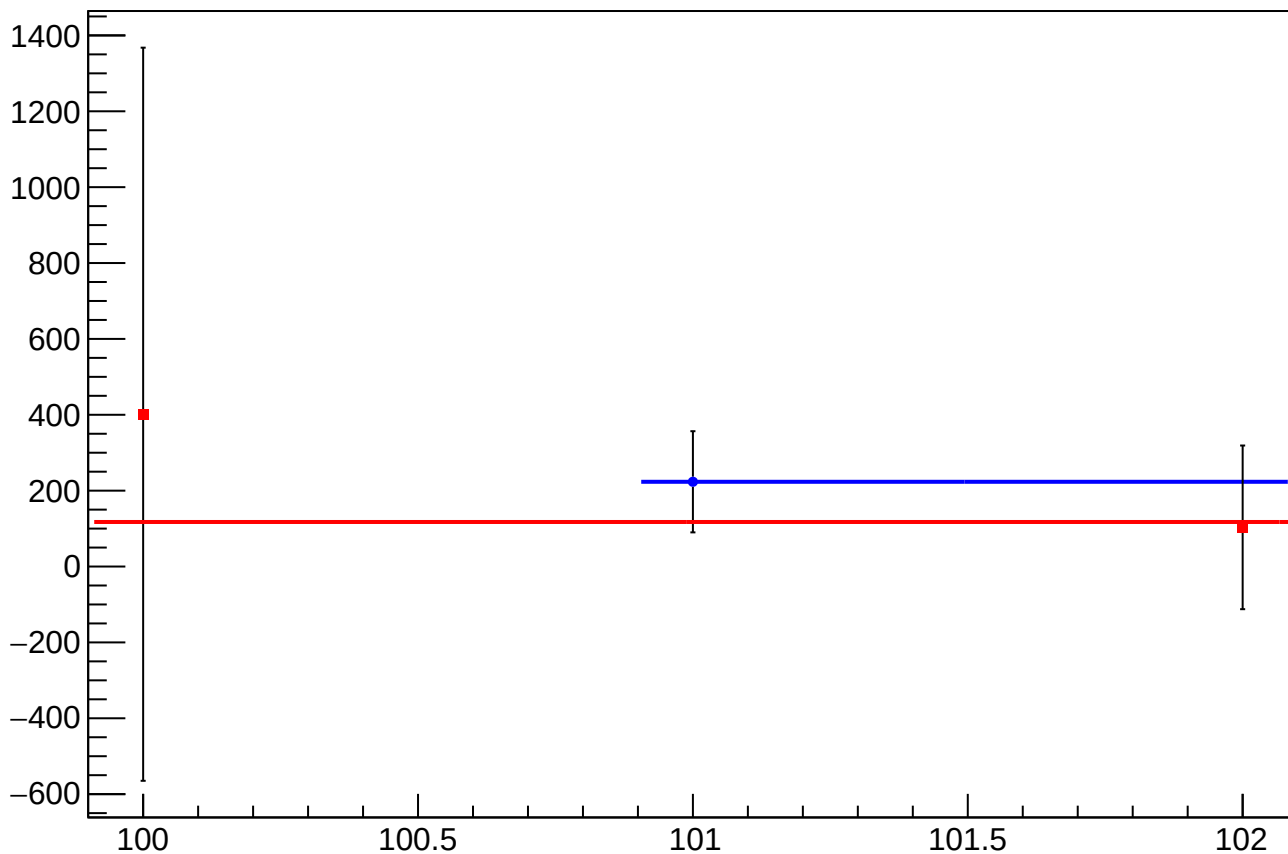
Right: 0.000+/-0.000 χ^2/NDF : 92008.1/2

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 : 92008.1/2

reg_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 223.377+/-133.340 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 117.429+/-210.516 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

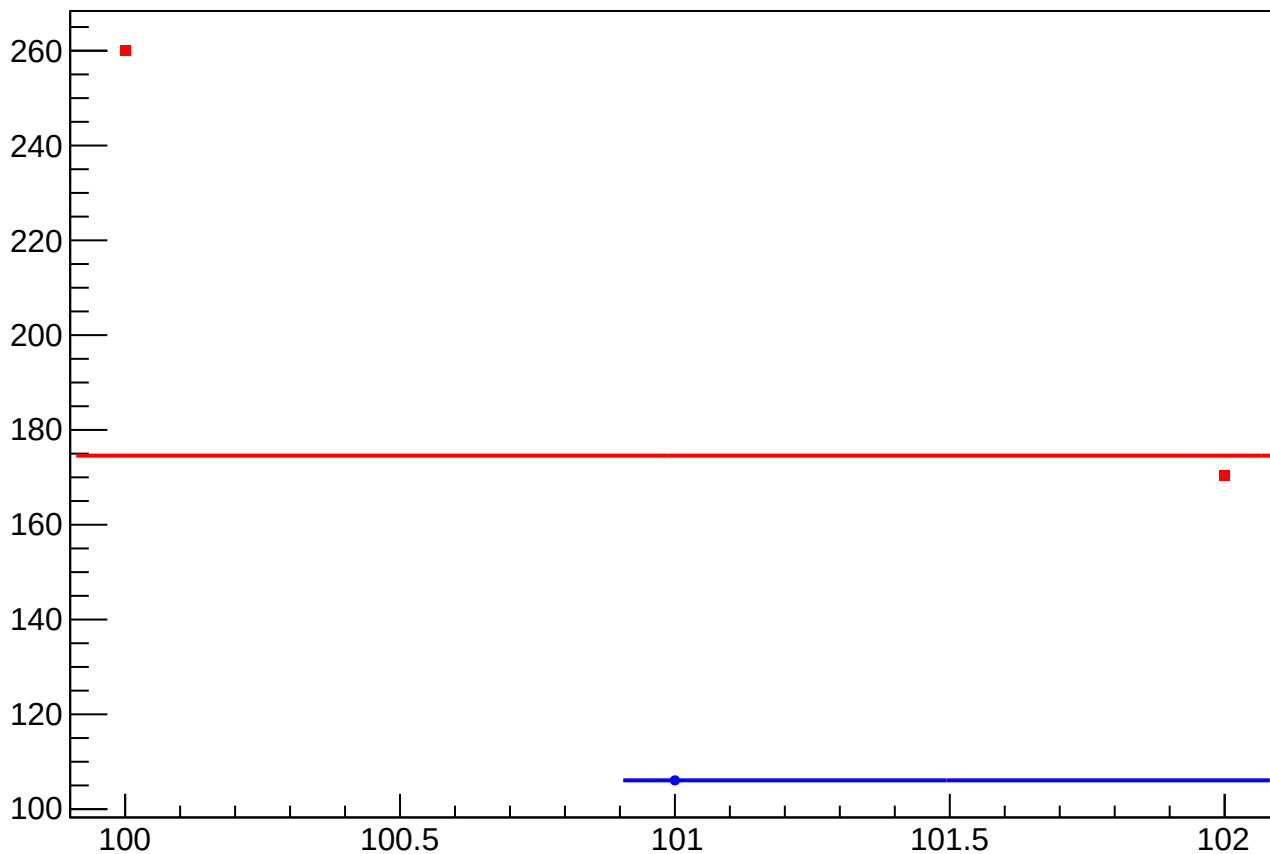
Right: 193.042+/-112.645 χ^2/NDF : 0.3/2

In: 223.377+/-133.340 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 193.042+/-112.645 χ^2/NDF : 0.3/2

reg_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 106.075+/-0.094 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.579+/-0.149 χ^2/NDF : 16395.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

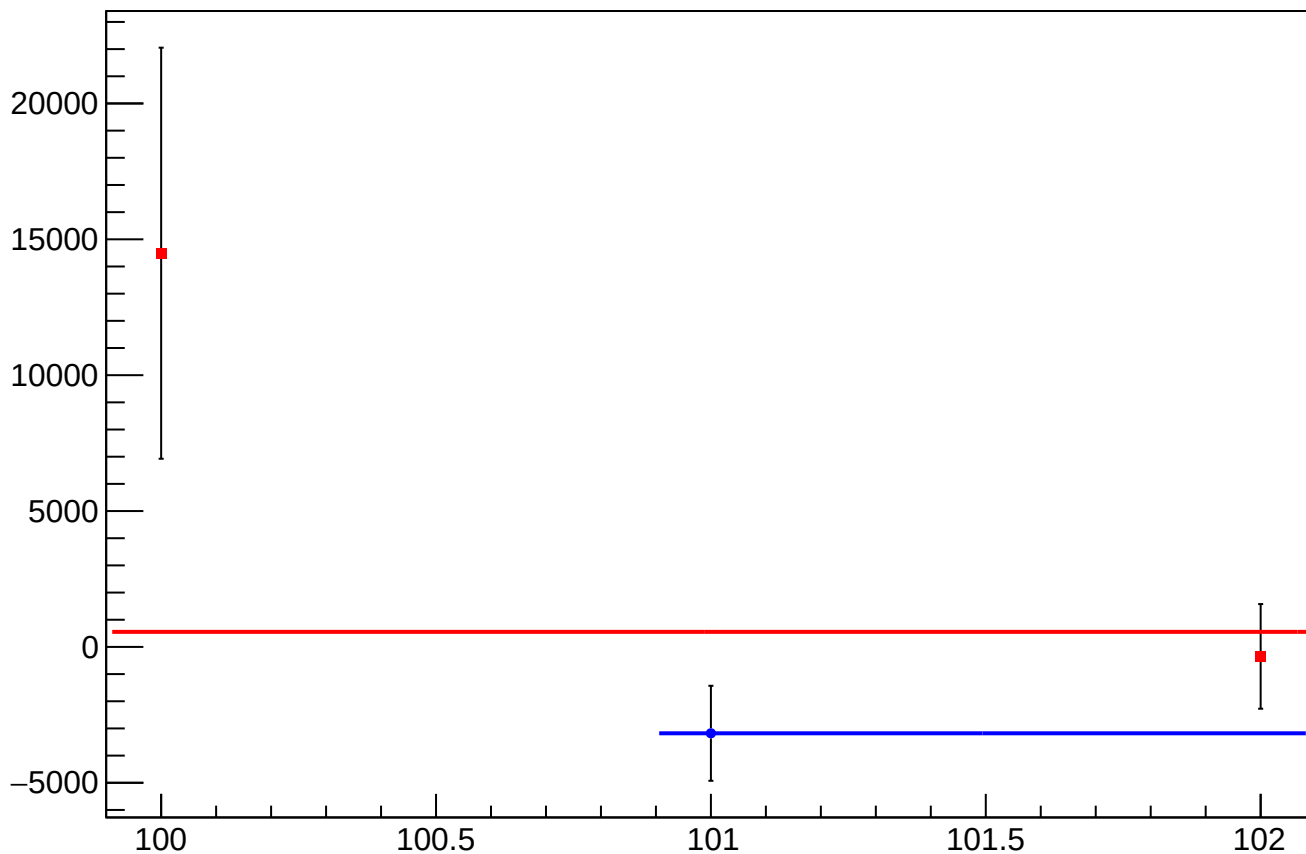
Right: 125.689+/-0.080 χ^2/NDF : 167540.6/2

In: 106.075+/-0.094 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.689+/-0.080 χ^2/NDF : 167540.6/2

asym_sam_2468_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -3179.050 $\pm$ 1748.061 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 554.058 $\pm$ 1866.216 χ^2 /NDF: 3.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

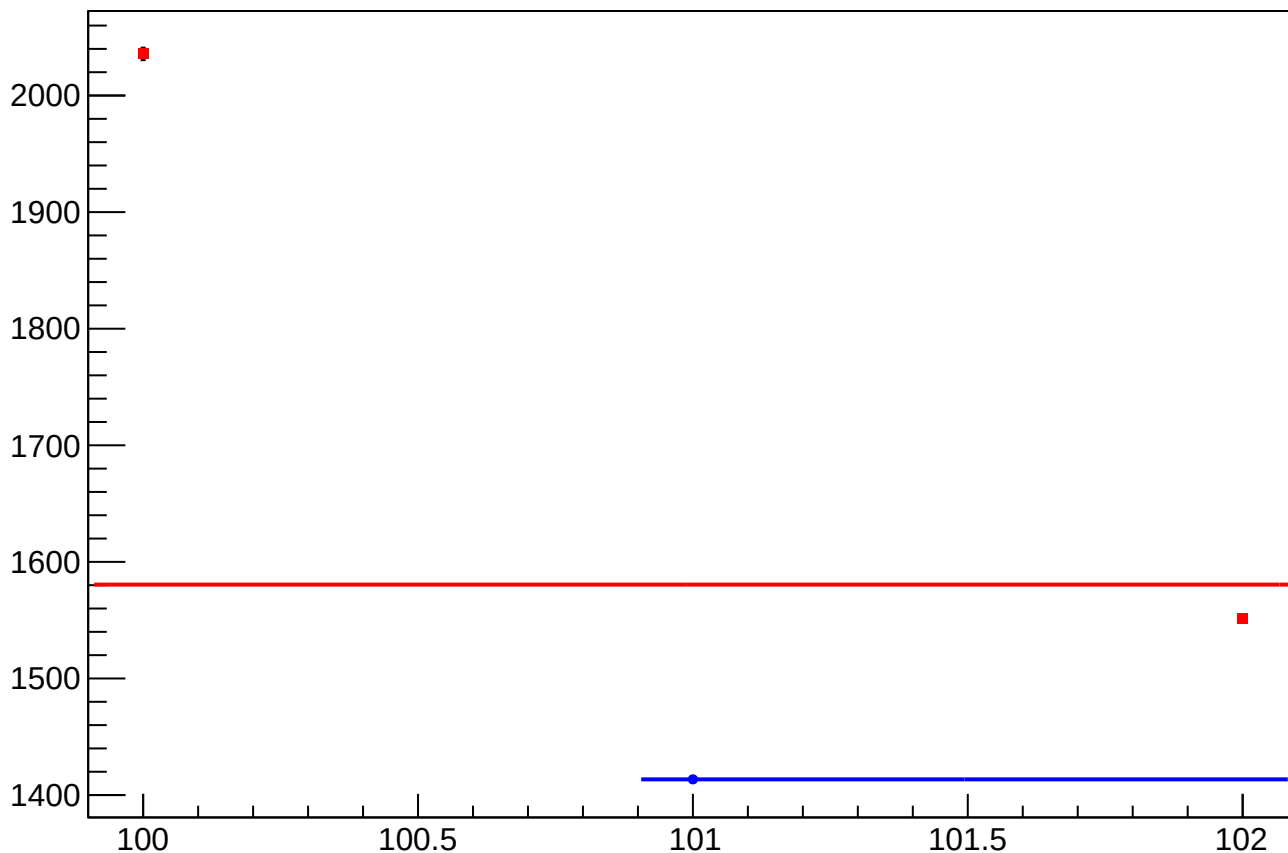
Right: -1434.406 $\pm$ 1275.792 χ^2 /NDF: 5.7/2

In: -3179.050 $\pm$ 1748.061 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1434.406 $\pm$ 1275.792 χ^2 /NDF: 5.7/2

asym_sam_2468_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1413.473+/-1.236 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1580.521+/-1.320 χ^2/NDF : 7711.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

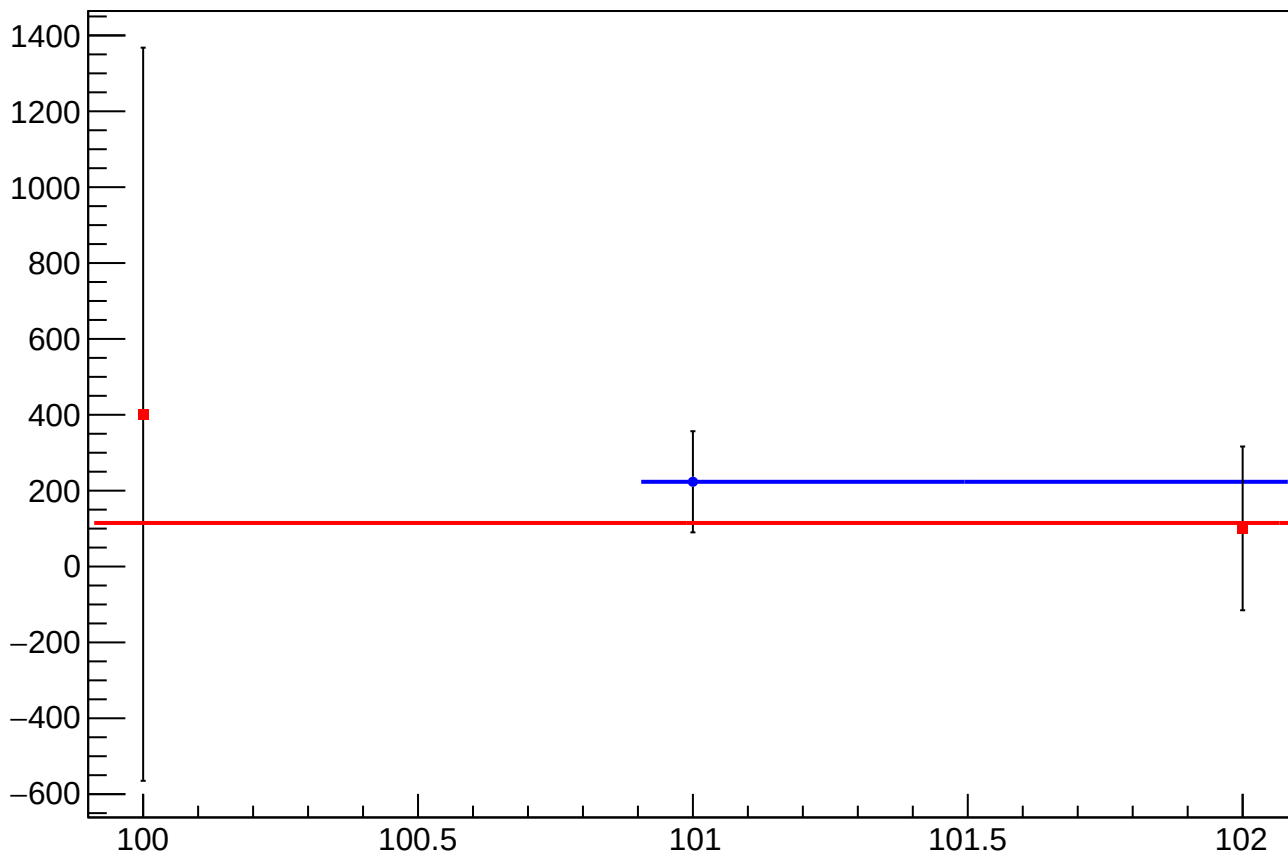
Right: 1491.542+/-0.902 χ^2/NDF : 16246.8/2

In: 1413.473+/-1.236 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1491.542+/-0.902 χ^2/NDF : 16246.8/2

cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 223.369 $\pm$ 133.340 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 114.871 $\pm$ 210.630 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

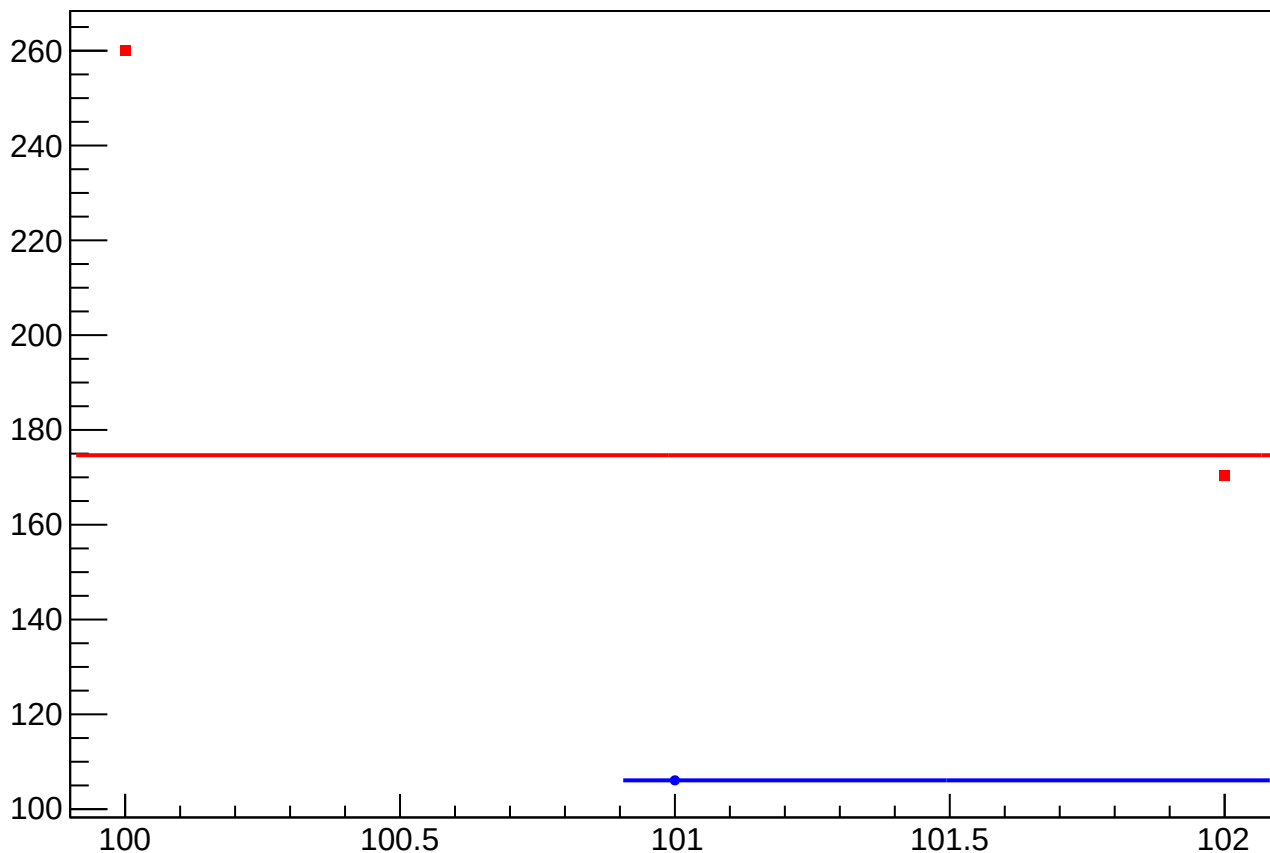
Right: 192.328 $\pm$ 112.662 χ^2 /NDF: 0.3/2

In: 223.369 $\pm$ 133.340 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 192.328 $\pm$ 112.662 χ^2 /NDF: 0.3/2

cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 106.075+/-0.094 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.668+/-0.149 χ^2/NDF : 16361.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

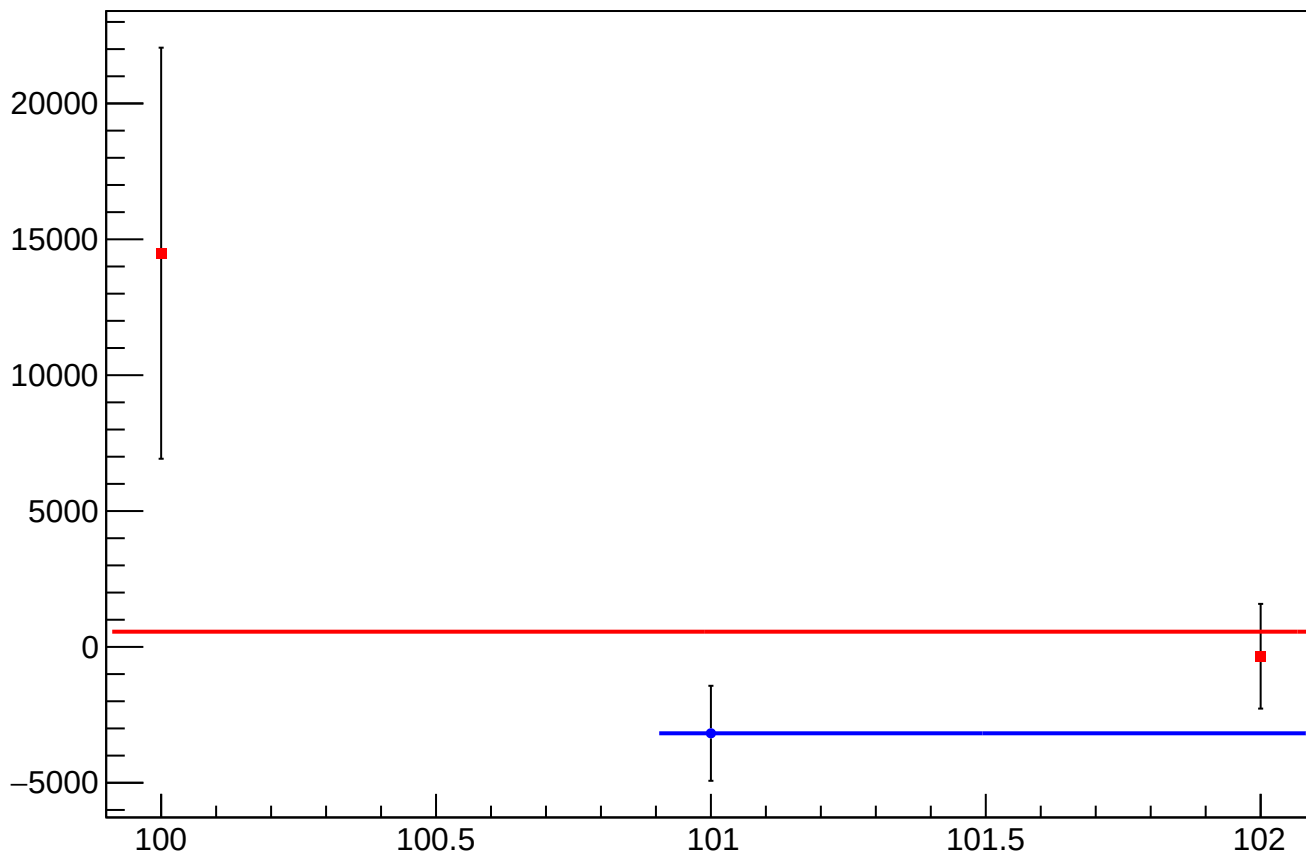
Right: 125.699+/-0.080 χ^2/NDF : 167785.2/2

In: 106.075+/-0.094 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.699+/-0.080 χ^2/NDF : 167785.2/2

asym_sam_2468_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -3179.035+/-1748.062 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 560.379+/-1867.258 χ^2/NDF : 3.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

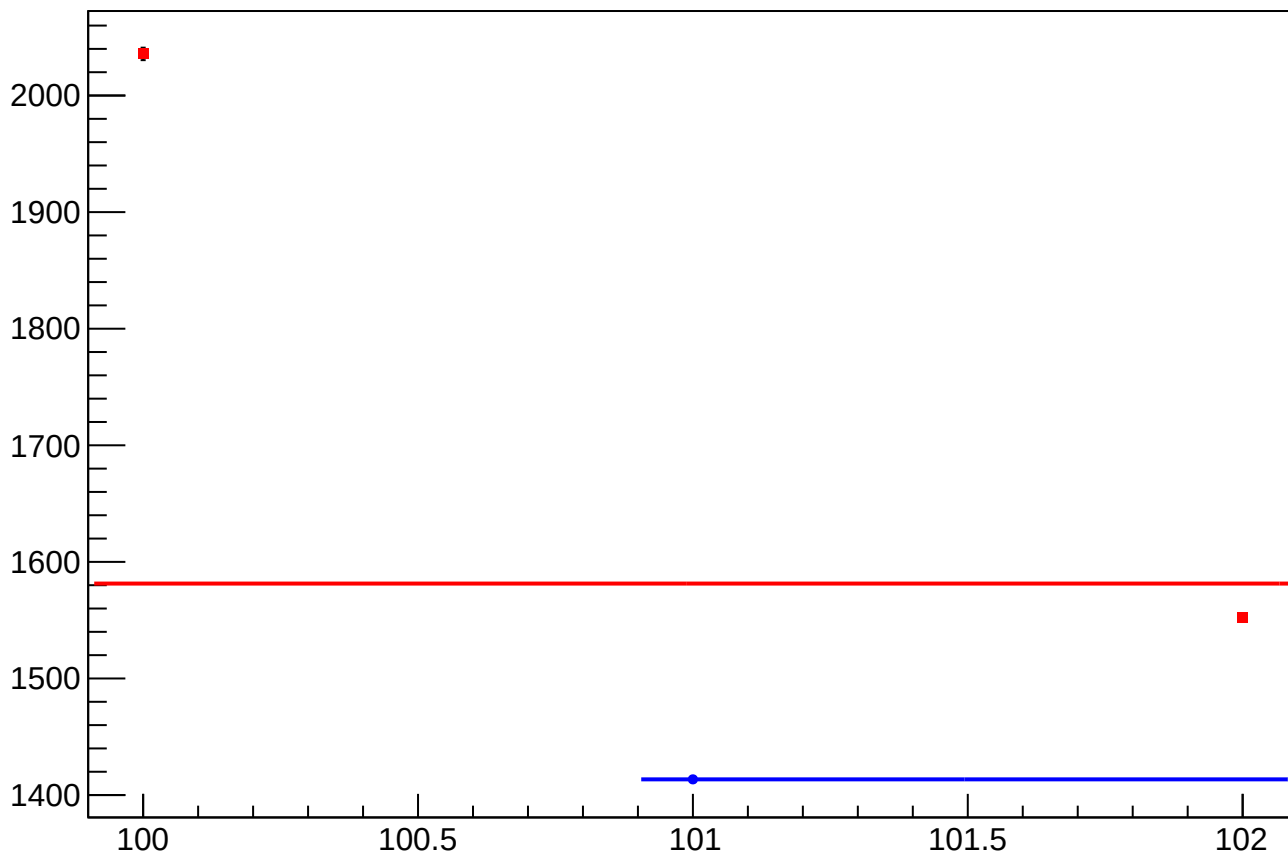
Right: -1432.481+/-1276.126 χ^2/NDF : 5.7/2

In: -3179.035+/-1748.062 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1432.481+/-1276.126 χ^2/NDF : 5.7/2

asym_sam_2468_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1413.475+/-1.236 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1581.406+/-1.320 χ^2/NDF : 7681.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

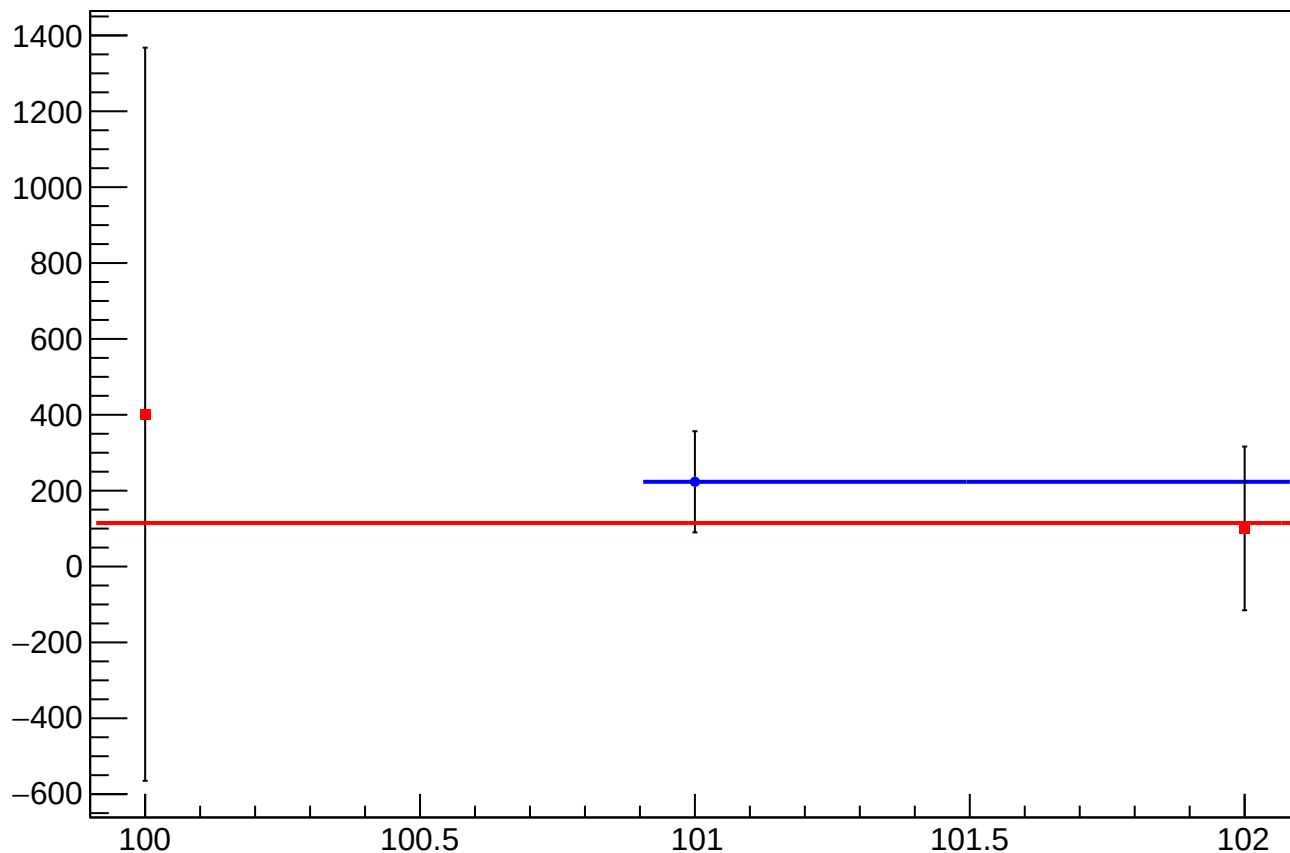
Right: 1491.910+/-0.902 χ^2/NDF : 16302.8/2

In: 1413.475+/-1.236 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1491.910+/-0.902 χ^2/NDF : 16302.8/2

eigen_cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 223.369 $\pm$ 133.340 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 114.871 $\pm$ 210.630 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

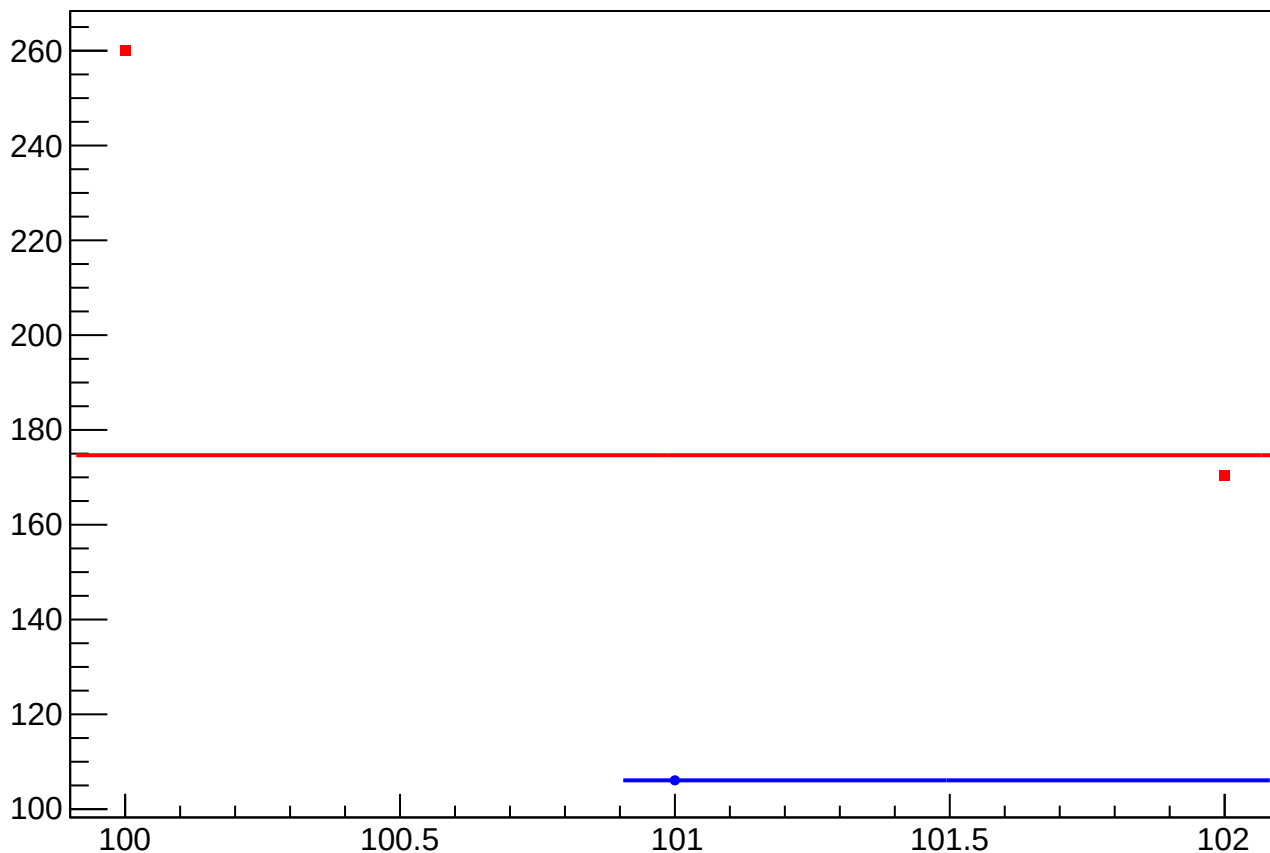
Right: 192.328 $\pm$ 112.662 χ^2 /NDF: 0.3/2

In: 223.369 $\pm$ 133.340 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 192.328 $\pm$ 112.662 χ^2 /NDF: 0.3/2

eigen_cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 106.075+/-0.094 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.668+/-0.149 χ^2/NDF : 16361.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

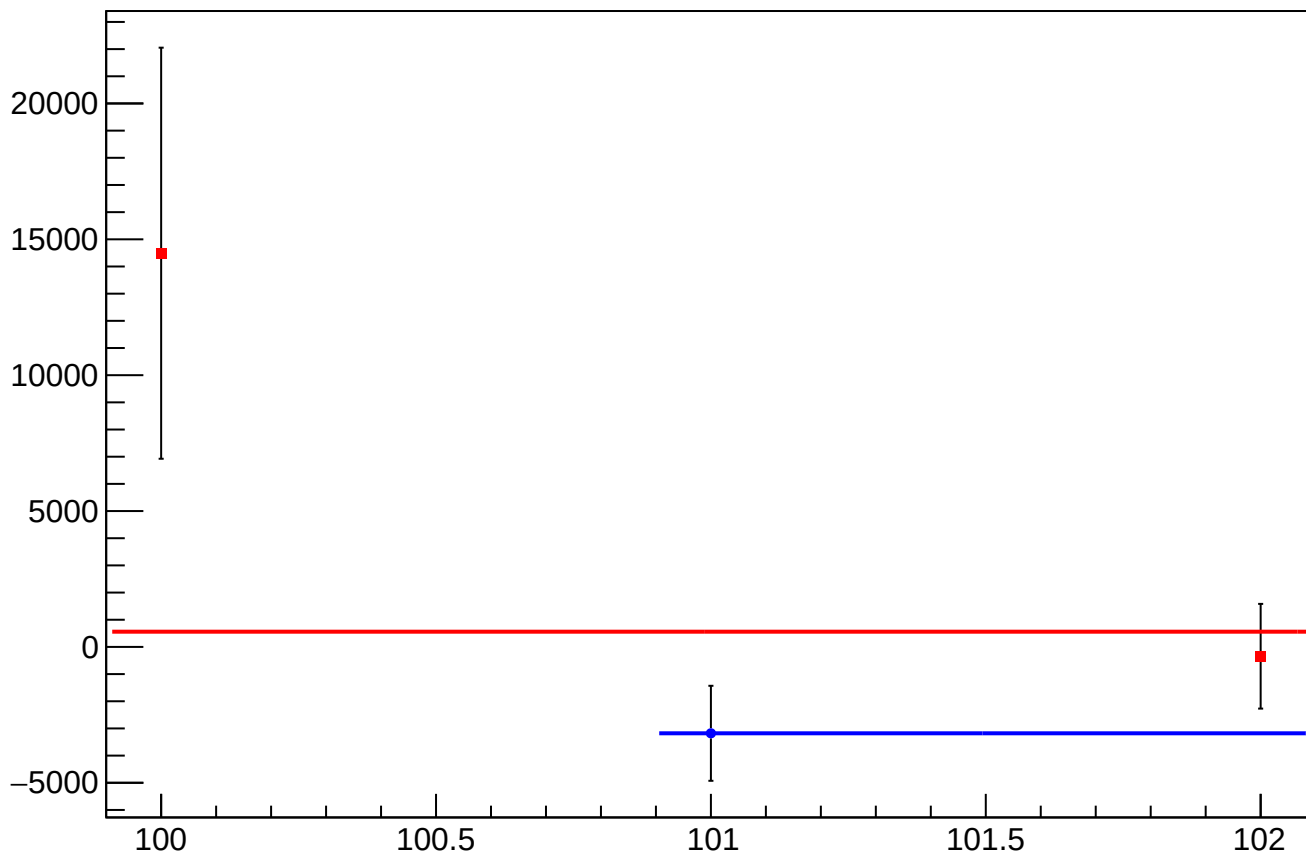
Right: 125.699+/-0.080 χ^2/NDF : 167785.2/2

In: 106.075+/-0.094 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.699+/-0.080 χ^2/NDF : 167785.2/2

asym_sam_2468_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -3179.035+/-1748.062 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 560.379+/-1867.258 χ^2/NDF : 3.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

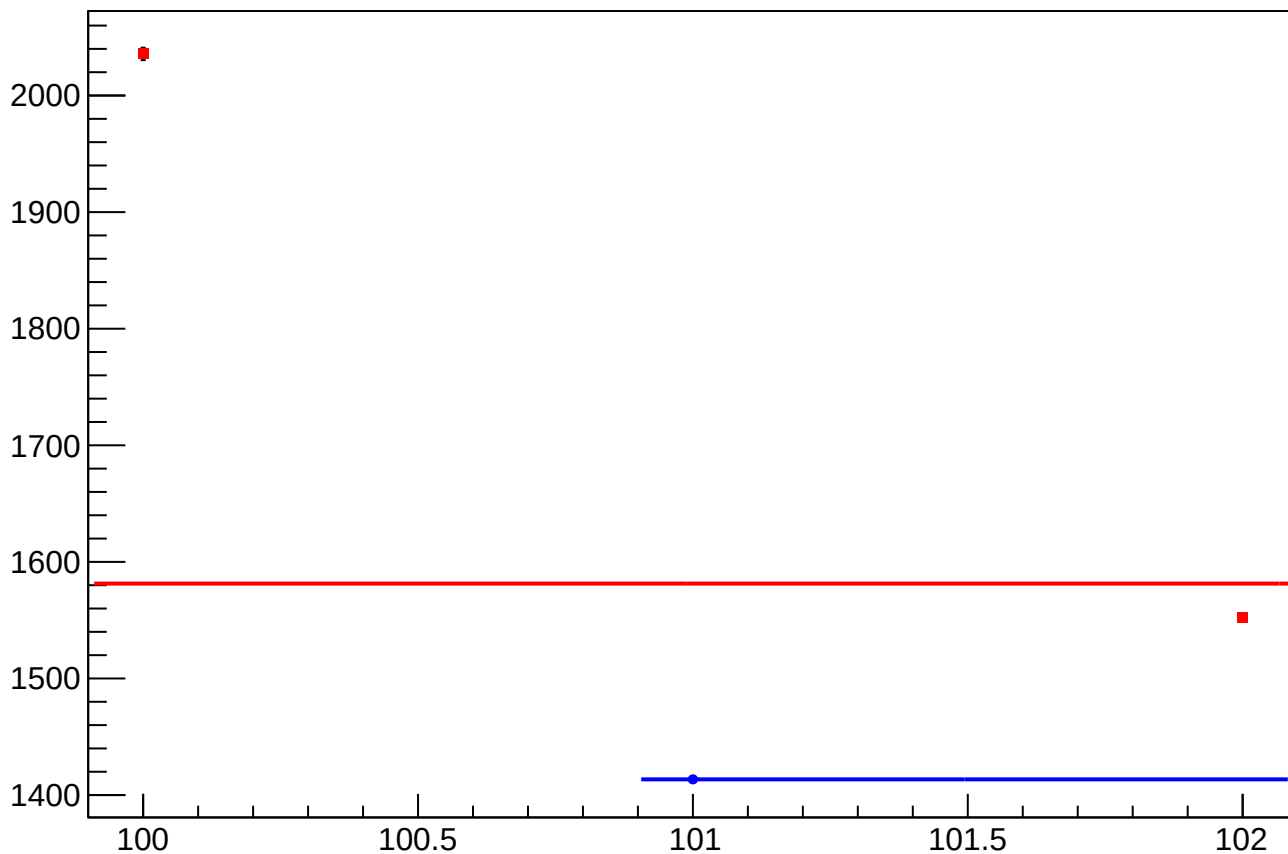
Right: -1432.481+/-1276.126 χ^2/NDF : 5.7/2

In: -3179.035+/-1748.062 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1432.481+/-1276.126 χ^2/NDF : 5.7/2

asym_sam_2468_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1413.475+/-1.236 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1581.406+/-1.320 χ^2/NDF : 7681.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

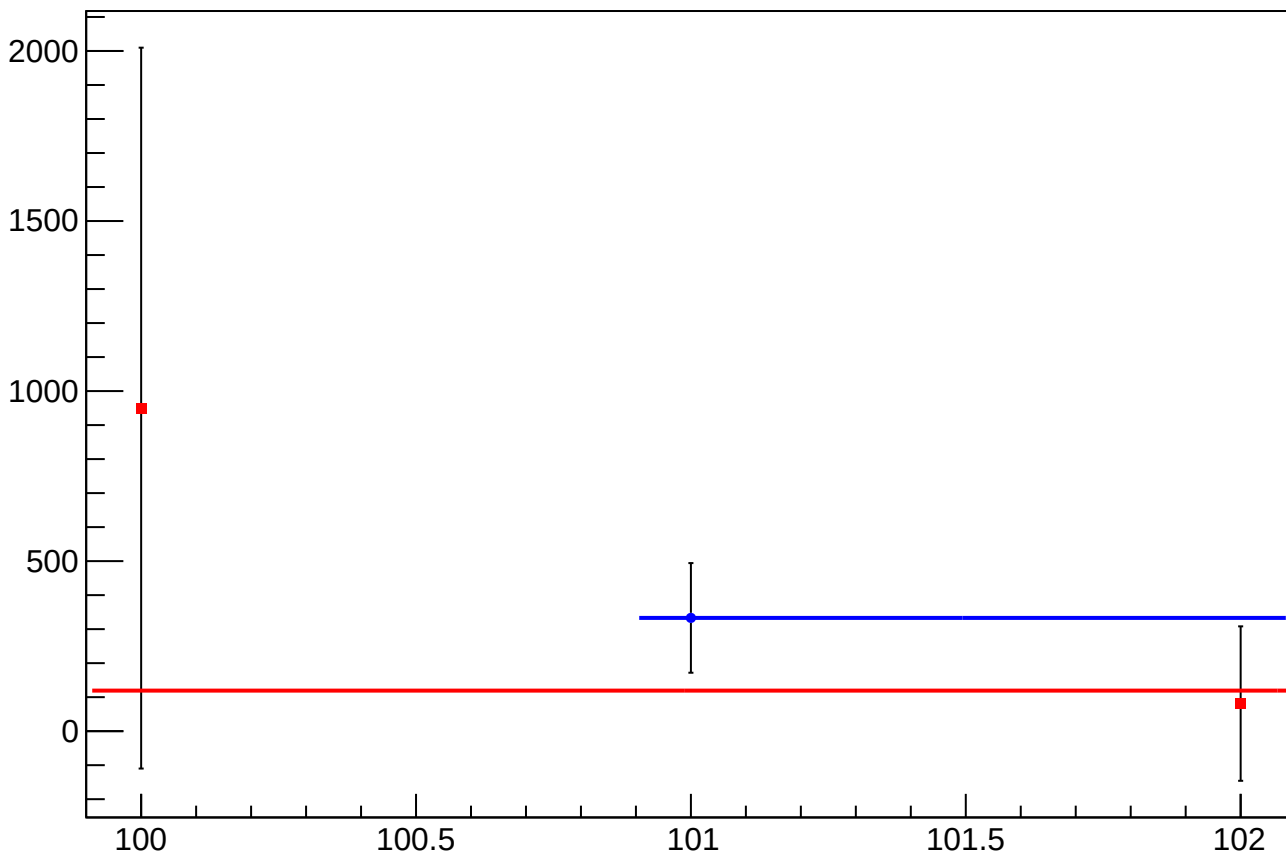
Right: 1491.910+/-0.902 χ^2/NDF : 16302.8/2

In: 1413.475+/-1.236 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1491.910+/-0.902 χ^2/NDF : 16302.8/2

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 333.023+/-161.211 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.262+/-222.029 χ^2/NDF : 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

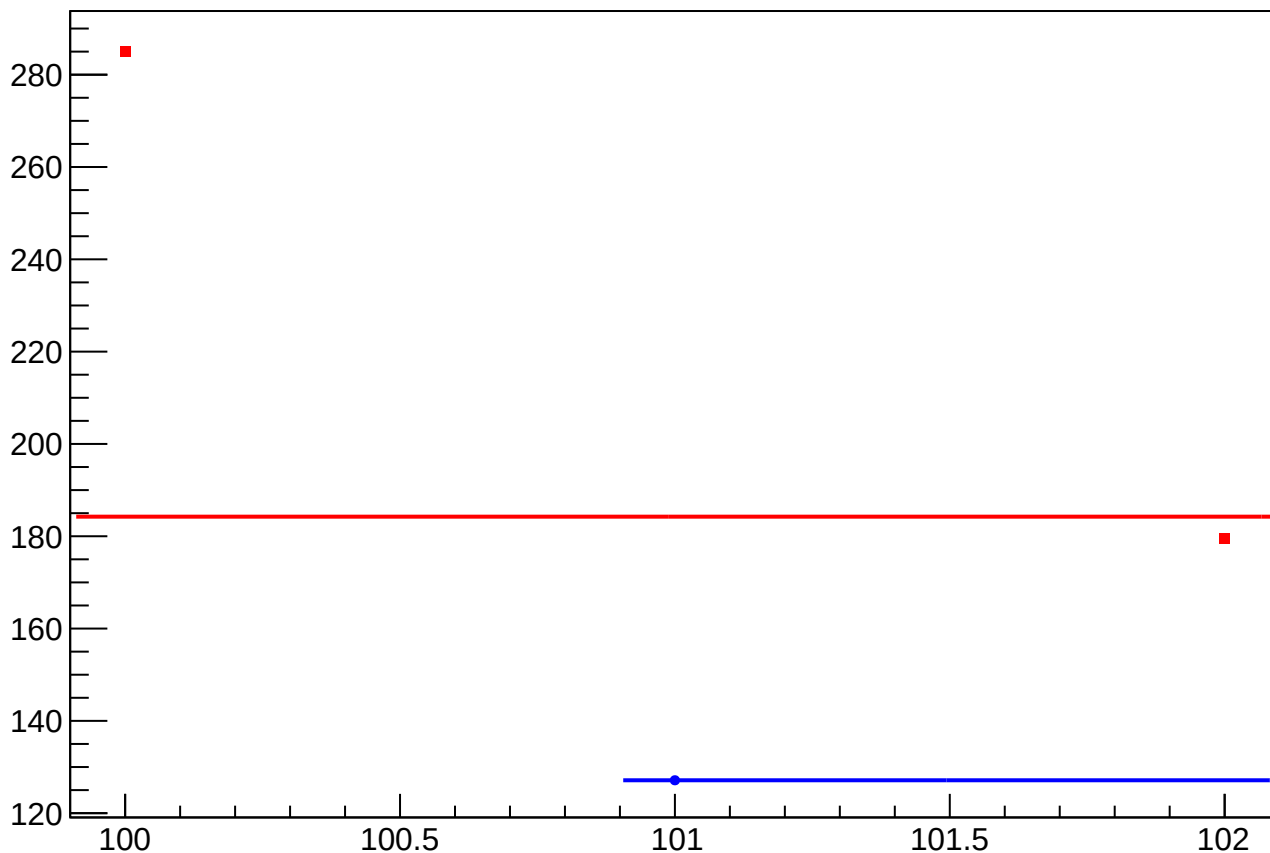
Right: 259.231+/-130.451 χ^2/NDF : 1.2/2

In: 333.023+/-161.211 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 259.231+/-130.451 χ^2/NDF : 1.2/2

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 127.130 $\pm$ 0.114 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 184.244 $\pm$ 0.157 χ^2 /NDF: 18945.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

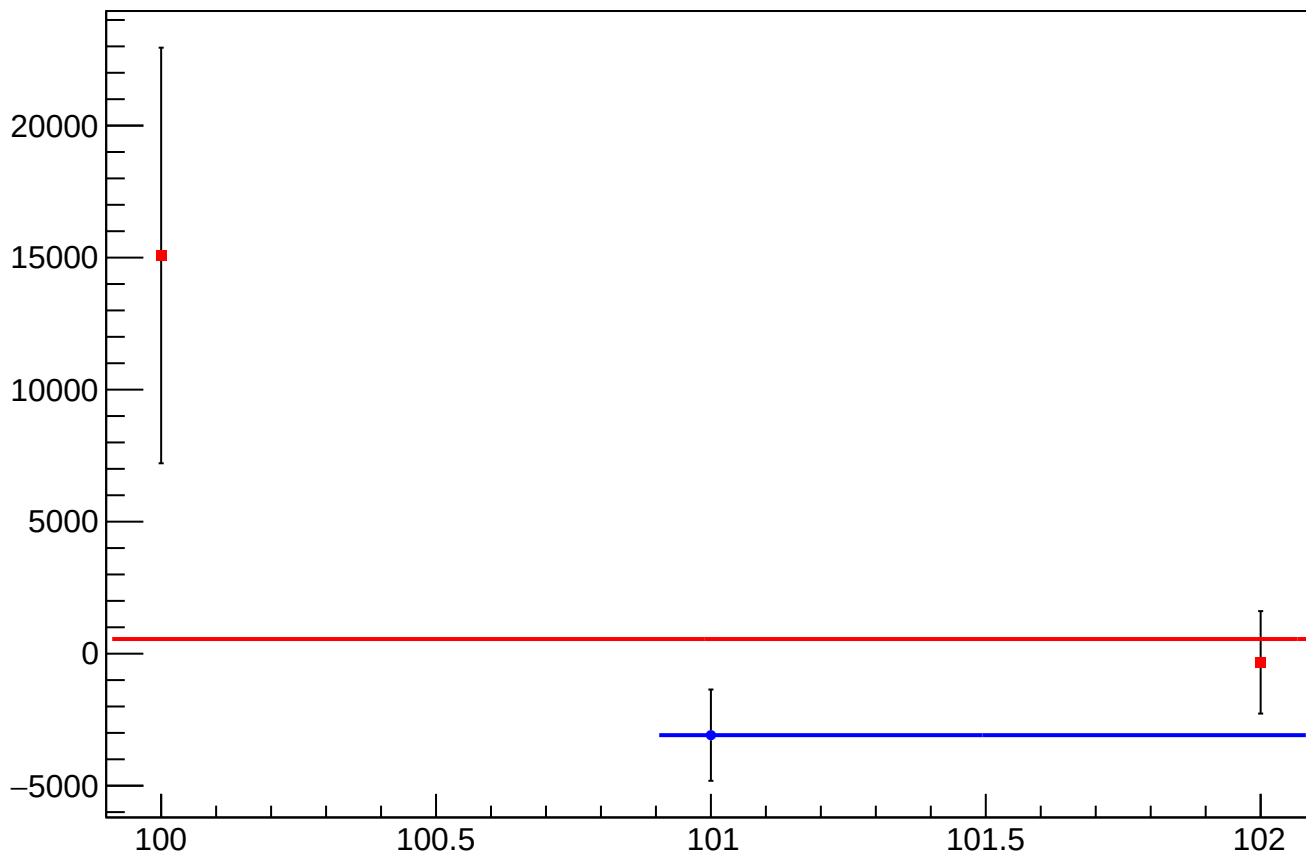
Right: 146.846 $\pm$ 0.092 χ^2 /NDF: 105600.5/2

In: 127.130 $\pm$ 0.114 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 146.846 $\pm$ 0.092 χ^2 /NDF: 105600.5/2

asym_sam_2468_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -3085.620 $\pm$ 1728.583 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 555.207 $\pm$ 1884.123 χ^2 /NDF: 3.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

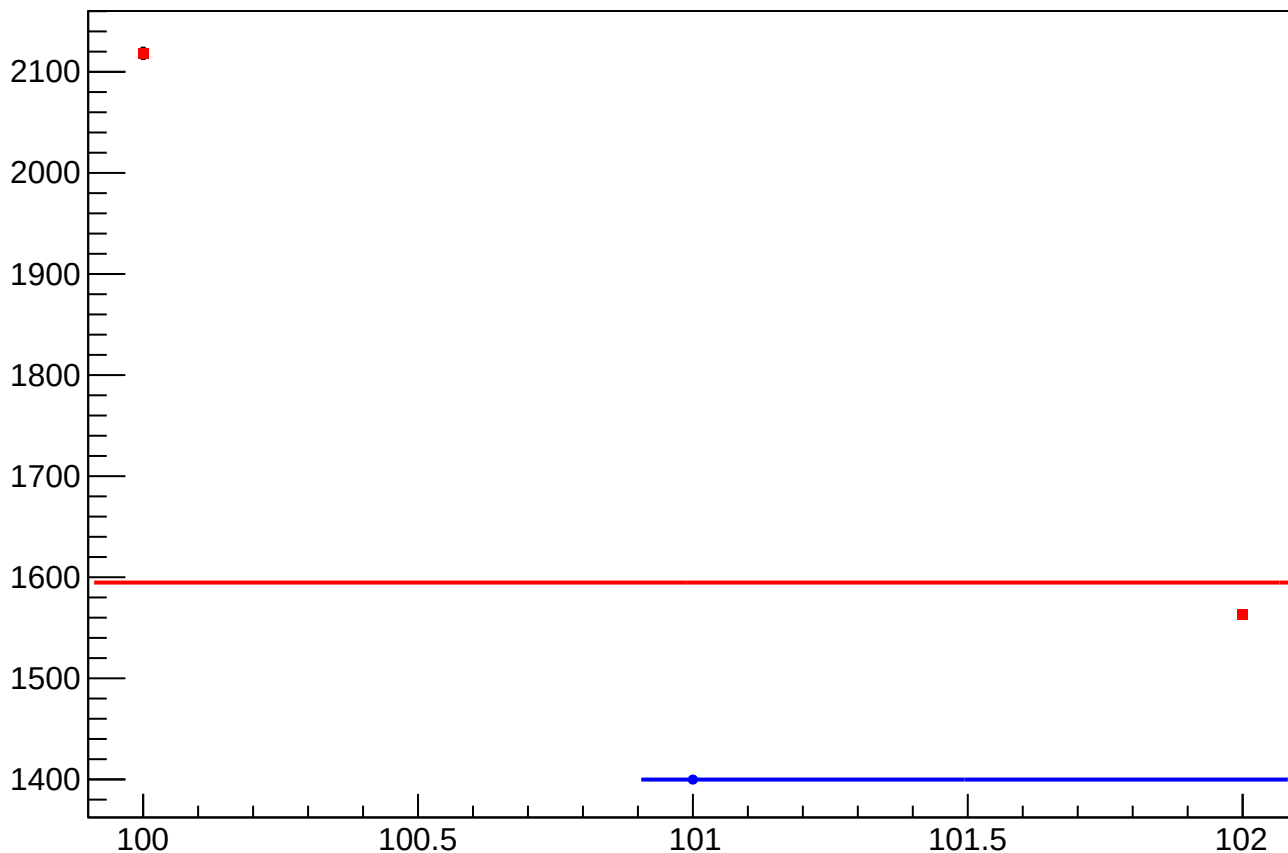
Right: -1421.667 $\pm$ 1273.737 χ^2 /NDF: 5.6/2

In: -3085.620 $\pm$ 1728.583 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1421.667 $\pm$ 1273.737 χ^2 /NDF: 5.6/2

asym_sam_2468_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1399.842 $\pm$ 1.222 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1594.745 $\pm$ 1.332 χ^2 /NDF: 9391.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

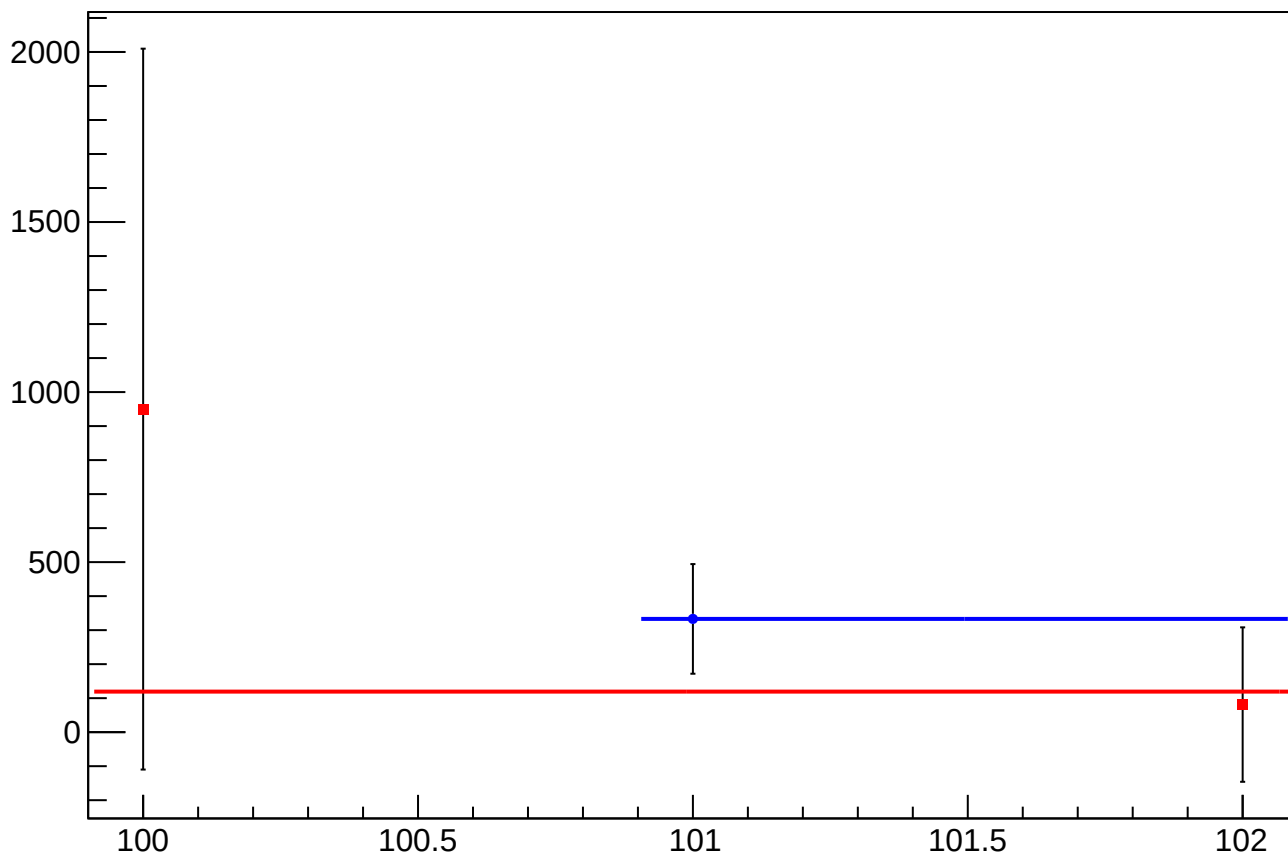
Right: 1488.918 $\pm$ 0.901 χ^2 /NDF: 21011.7/2

In: 1399.842 $\pm$ 1.222 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1488.918 $\pm$ 0.901 χ^2 /NDF: 21011.7/2

eigen_dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 333.022+/-161.212 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.261+/-222.028 χ^2/NDF : 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

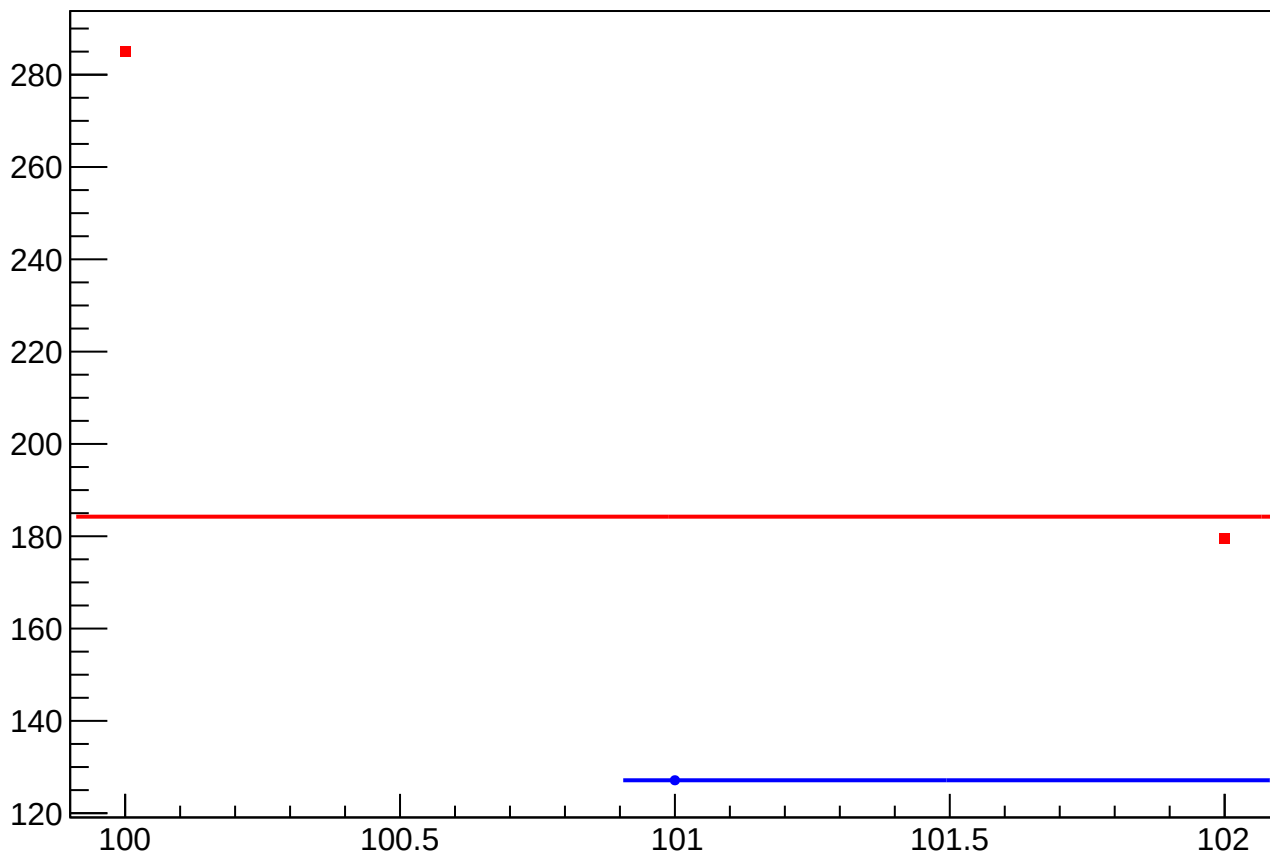
Right: 259.230+/-130.451 χ^2/NDF : 1.2/2

In: 333.022+/-161.212 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 259.230+/-130.451 χ^2/NDF : 1.2/2

eigen_dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 127.131 $\pm$ 0.114 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 184.243 $\pm$ 0.157 χ^2 /NDF: 18945.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

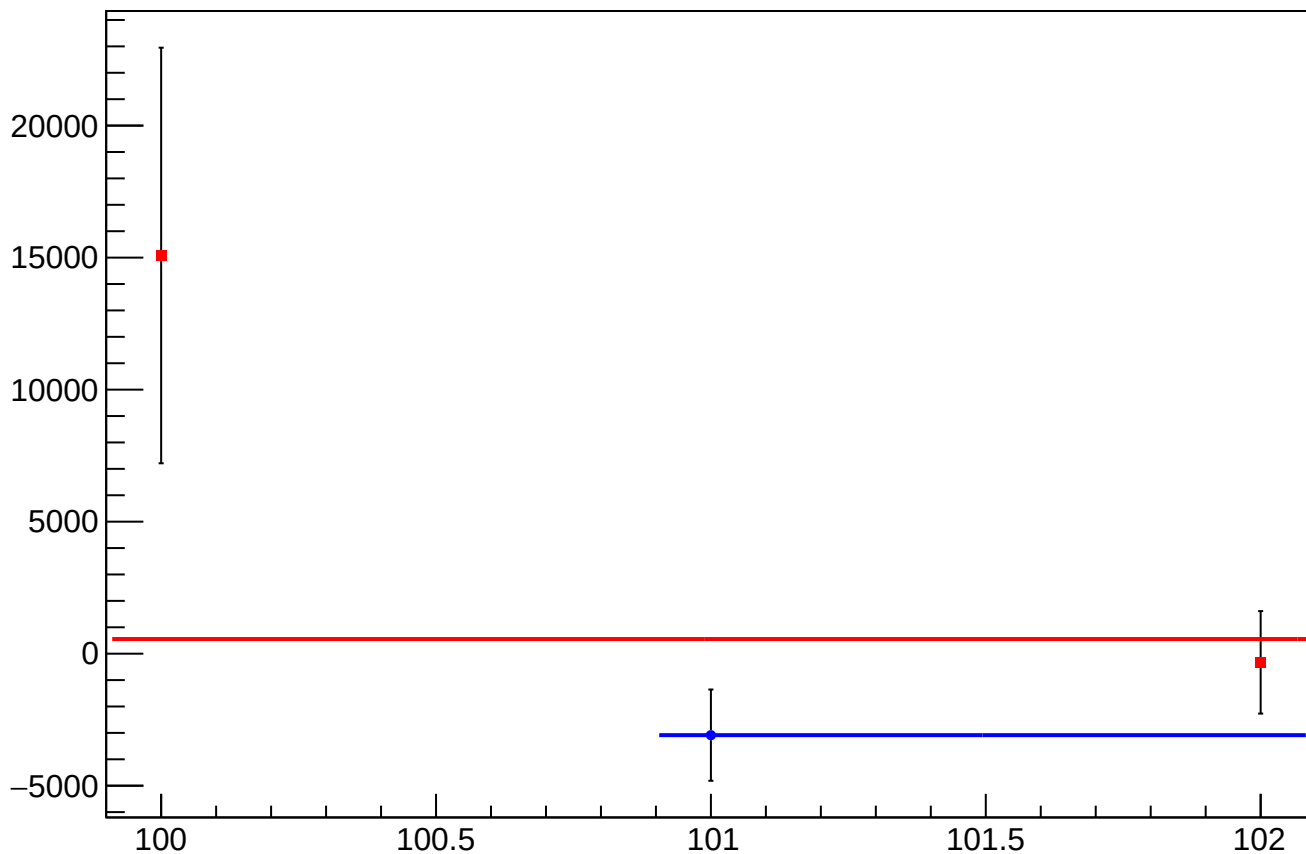
Right: 146.847 $\pm$ 0.092 χ^2 /NDF: 105598.2/2

In: 127.131 $\pm$ 0.114 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 146.847 $\pm$ 0.092 χ^2 /NDF: 105598.2/2

asym_sam_2468_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -3085.620 $\pm$ 1728.581 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 555.204 $\pm$ 1884.119 χ^2 /NDF: 3.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

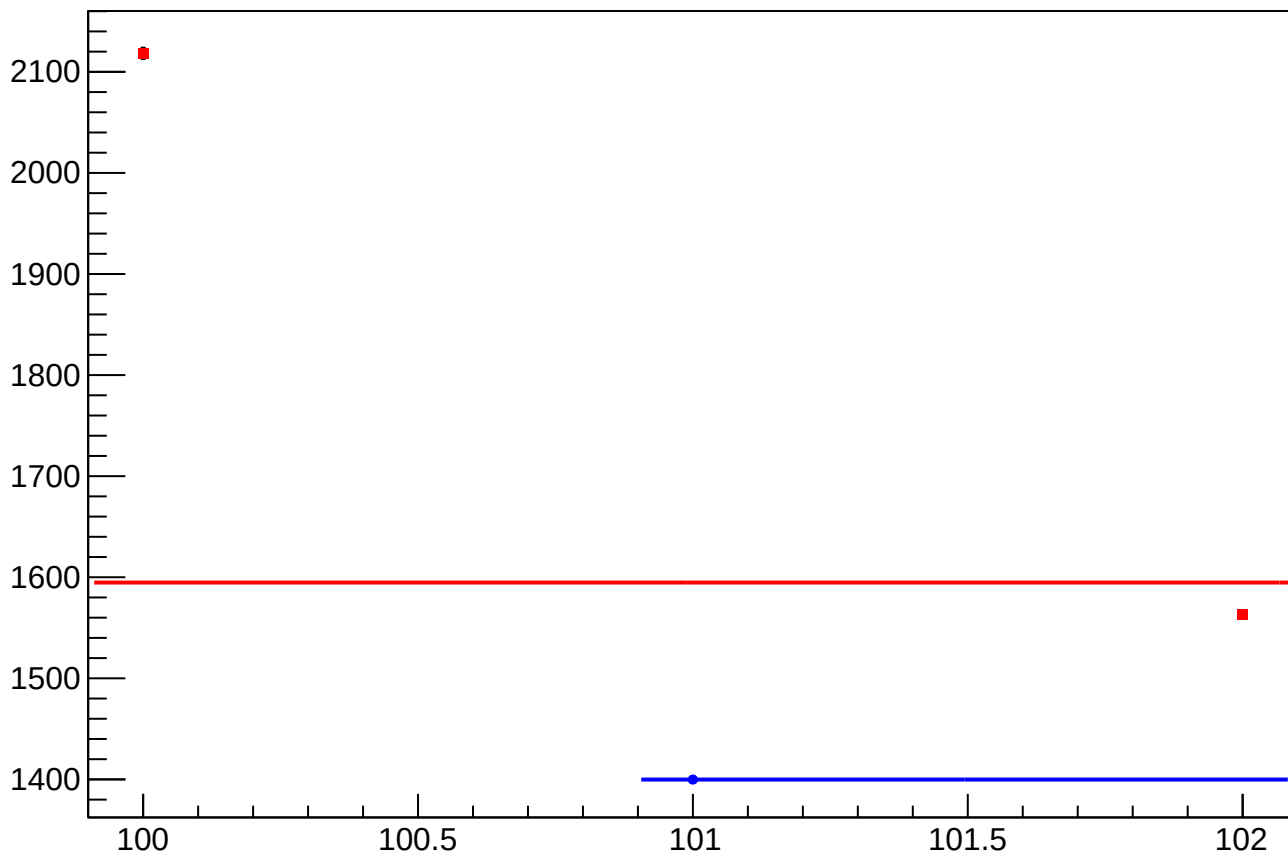
Right: -1421.667 $\pm$ 1273.735 χ^2 /NDF: 5.6/2

In: -3085.620 $\pm$ 1728.581 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1421.667 $\pm$ 1273.735 χ^2 /NDF: 5.6/2

asym_sam_2468_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1399.840+/-1.222 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1594.742+/-1.332 χ^2/NDF : 9391.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

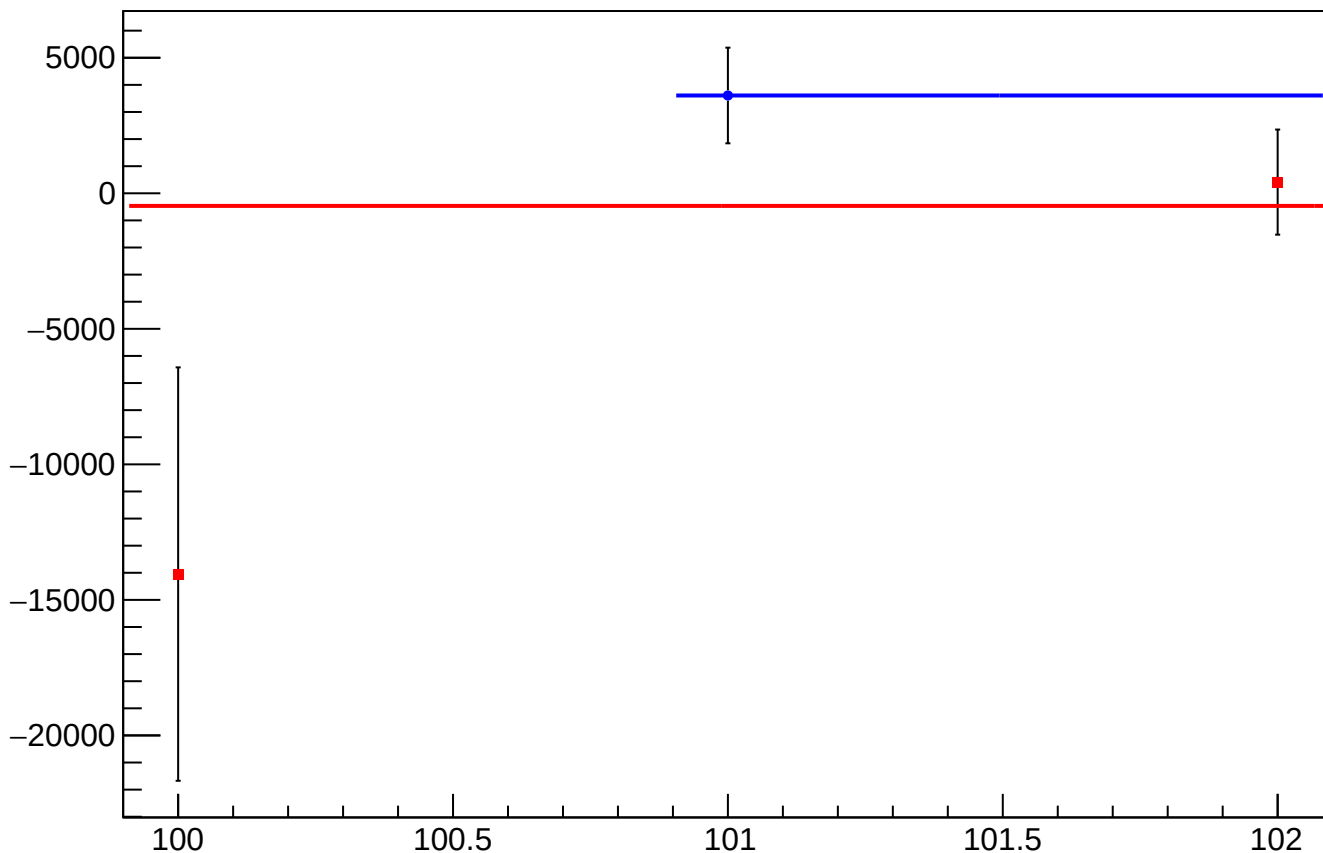
Right: 1488.916+/-0.901 χ^2/NDF : 21011.6/2

In: 1399.840+/-1.222 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1488.916+/-0.901 χ^2/NDF : 21011.6/2

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 3608.208+/-1764.112 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -465.382+/-1879.060 χ^2/NDF : 3.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

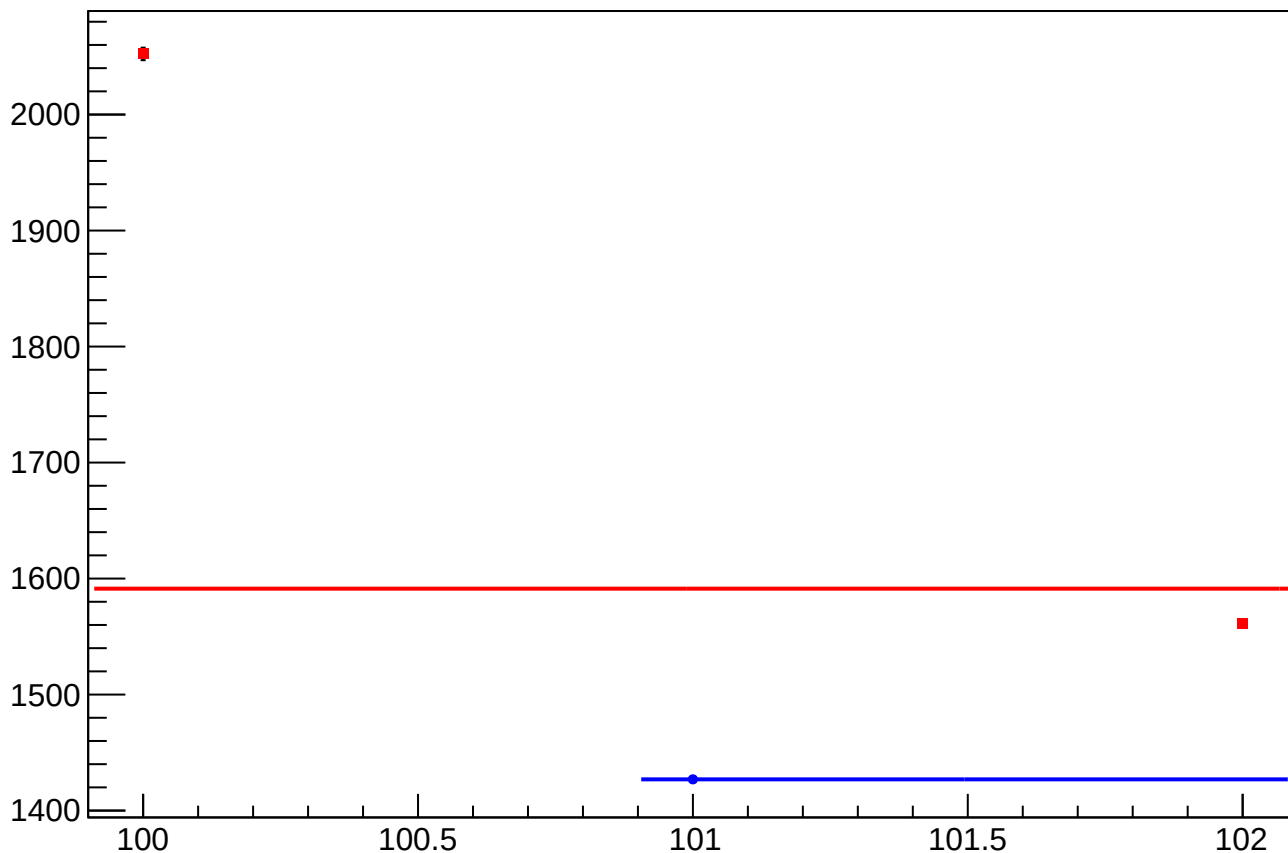
Right: 1699.813+/-1286.134 χ^2/NDF : 5.9/2

In: 3608.208+/-1764.112 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1699.813+/-1286.134 χ^2/NDF : 5.9/2

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1426.919+/-1.247 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1591.300+/-1.329 χ^2/NDF : 7780.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

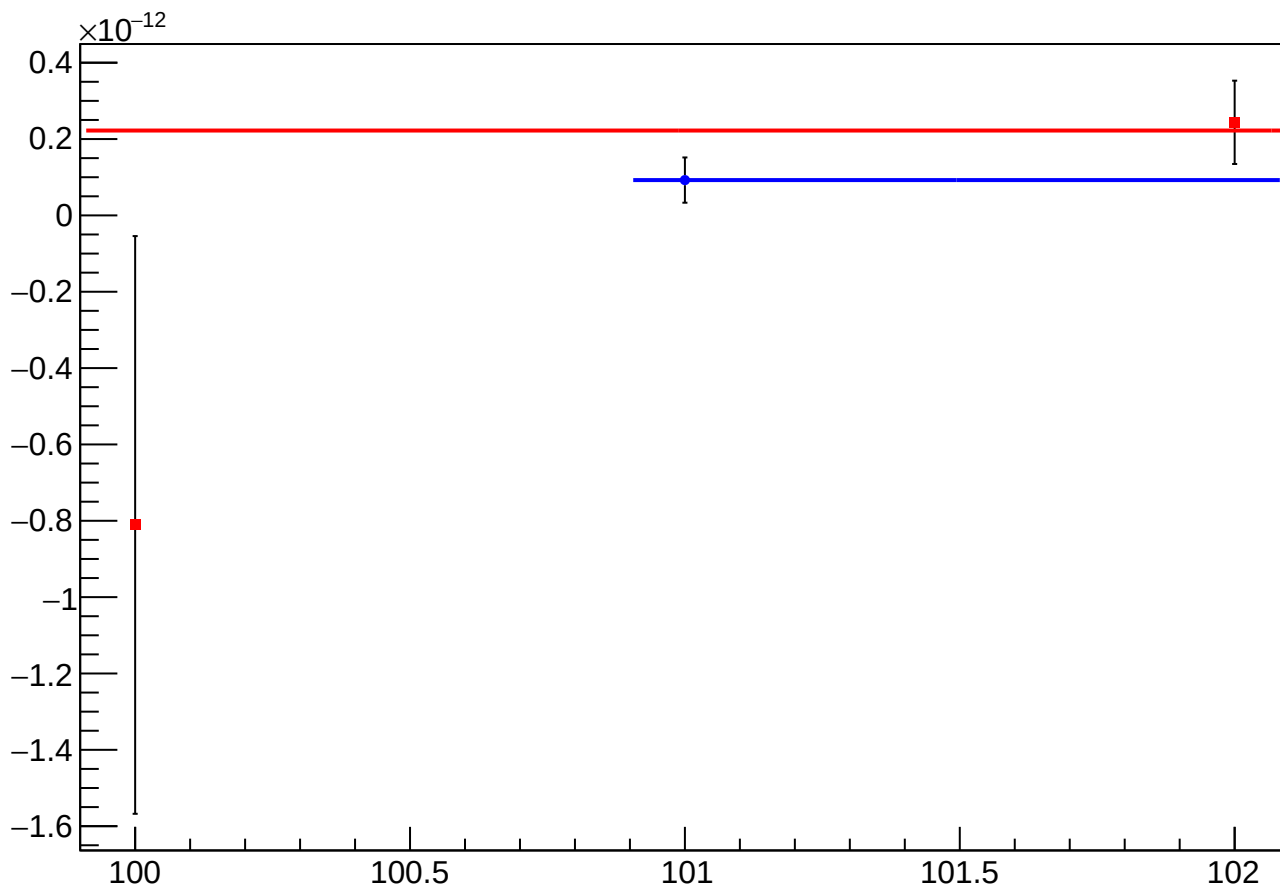
Right: 1503.928+/-0.909 χ^2/NDF : 15915.3/2

In: 1426.919+/-1.247 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1503.928+/-0.909 χ^2/NDF : 15915.3/2

asym_sam_2468_avg_reg_vs_cor_diff_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: 1.9/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

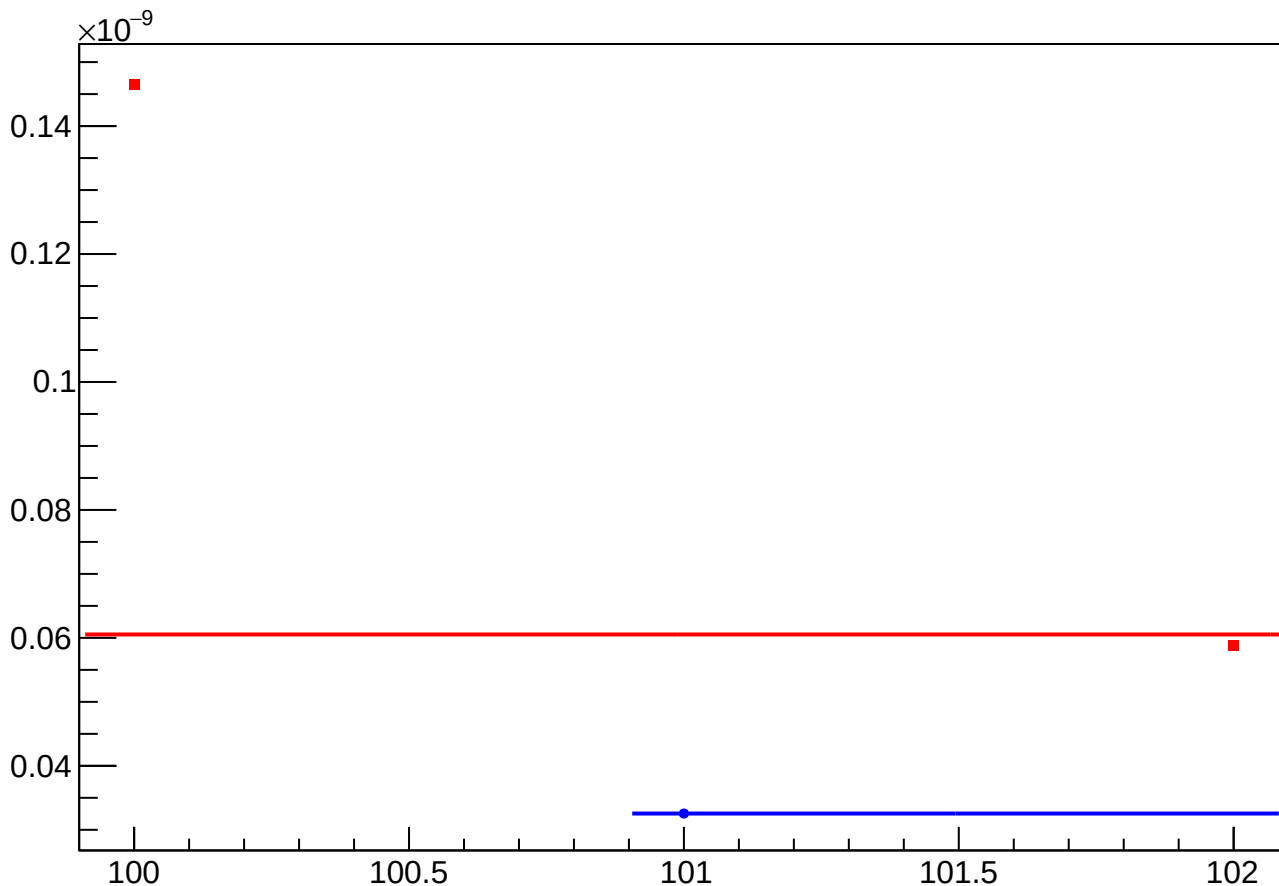
Right: 0.000+/-0.000 χ^2 /NDF: 3.0/2

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: 3.0/2

asym_sam_2468_avg_reg_vs_cor_diff_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 : 26389.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

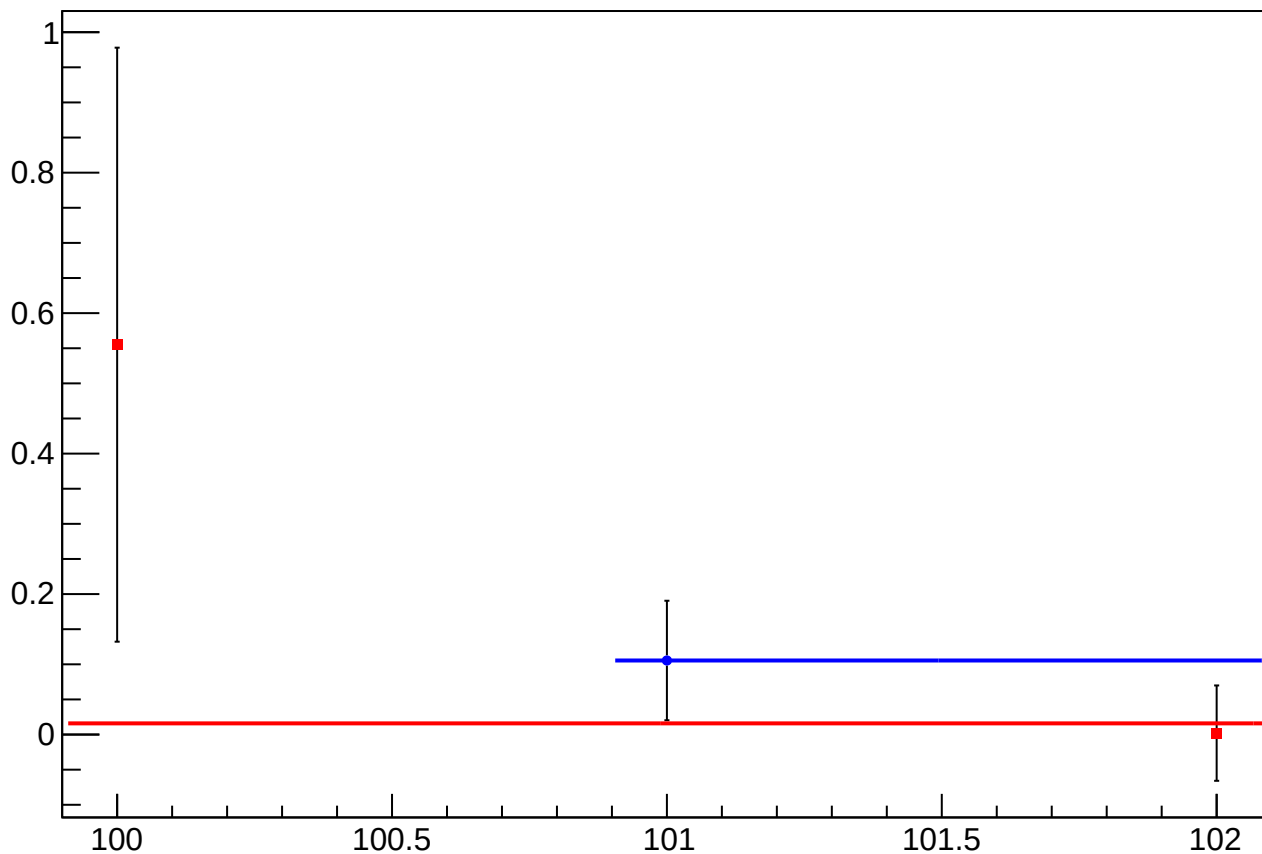
Right: 0.000+/-0.000 χ^2/NDF : 129610.5/2

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 : 129610.5/2

asym_sam_2468_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.105+/-0.085 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.067 χ^2/NDF : 1.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

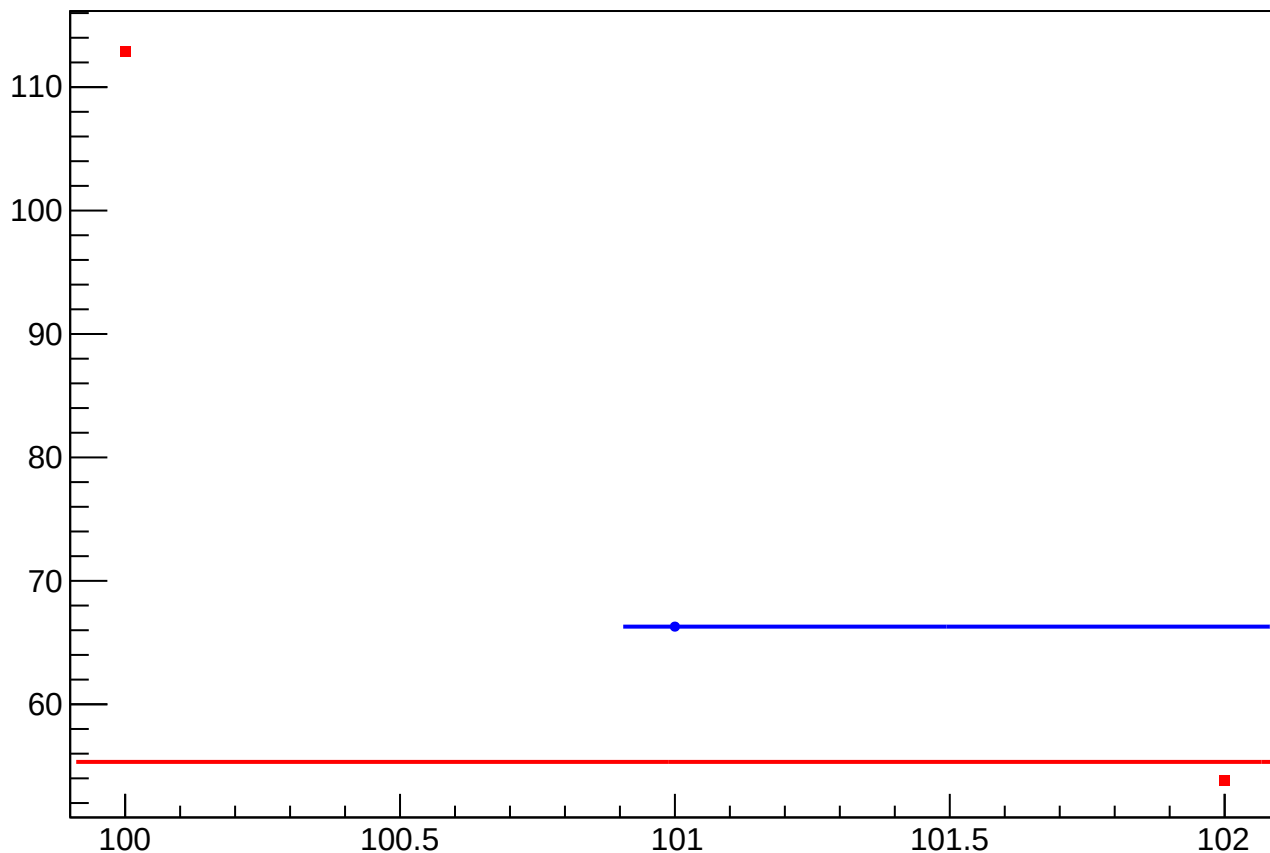
Right: 0.050+/-0.053 χ^2/NDF : 2.4/2

In: 0.105+/-0.085 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.050+/-0.053 χ^2/NDF : 2.4/2

asym_sam_2468_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.292 $\pm$ 0.060 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 55.333 $\pm$ 0.047 χ^2 /NDF: 38016.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

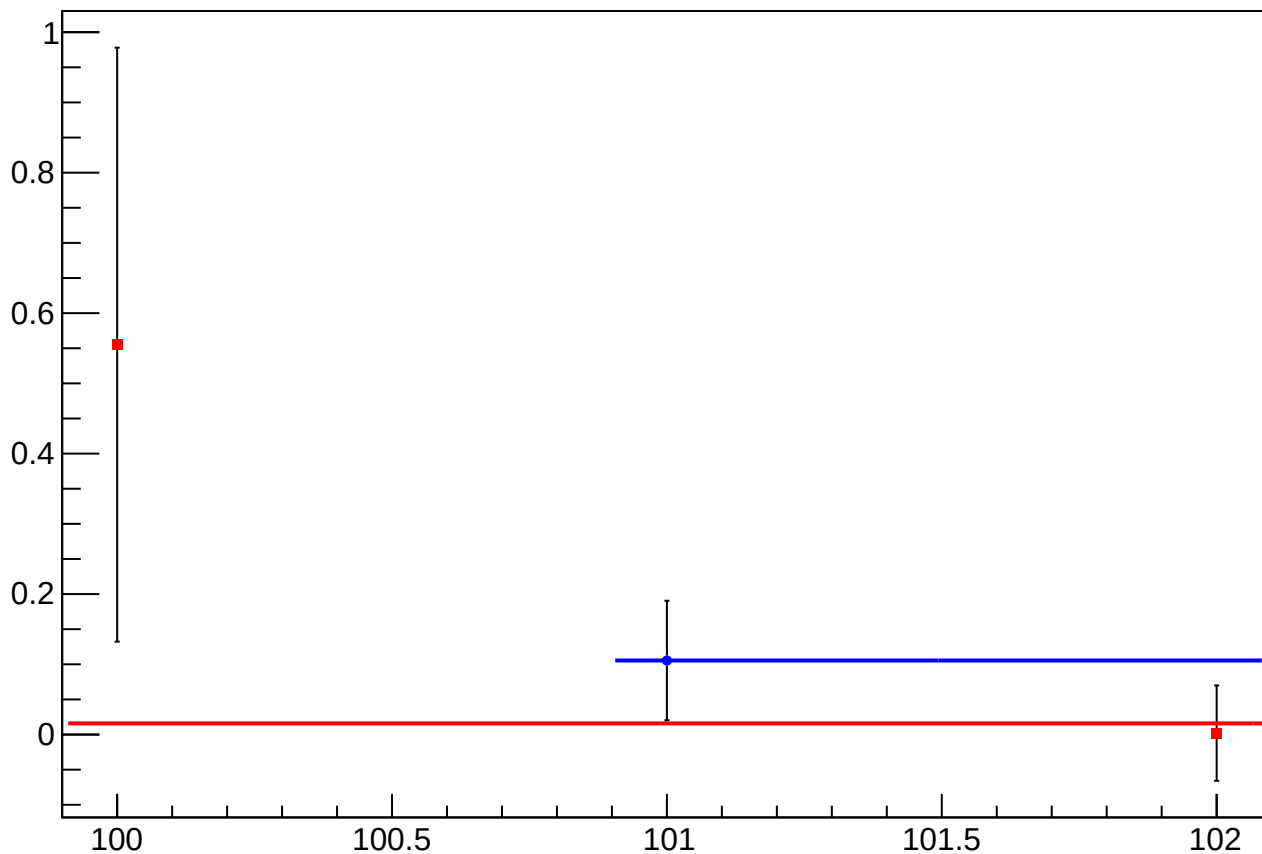
Right: 59.529 $\pm$ 0.037 χ^2 /NDF: 58498.7/2

In: 66.292 $\pm$ 0.060 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 59.529 $\pm$ 0.037 χ^2 /NDF: 58498.7/2

asym_sam_2468_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.105+/-0.085 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.067 χ^2/NDF : 1.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

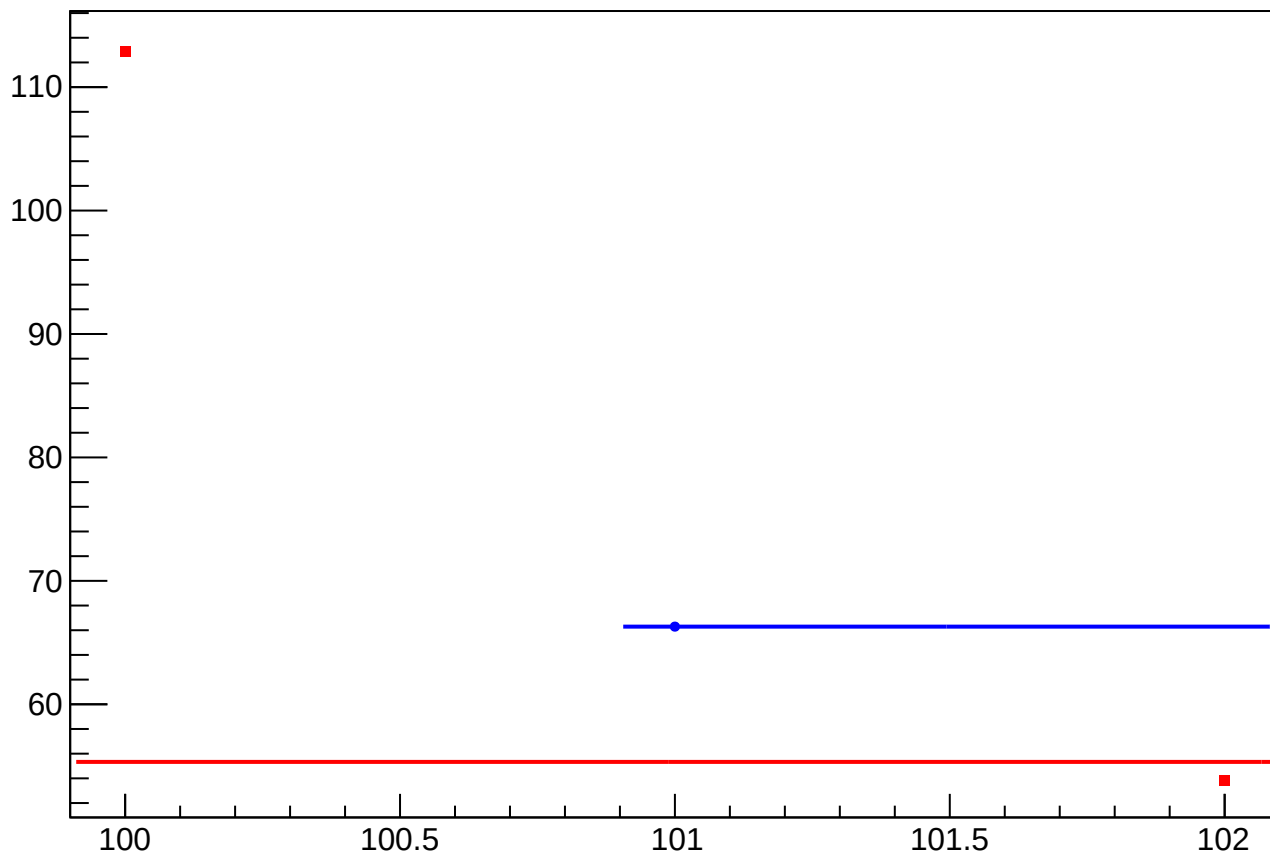
Right: 0.050+/-0.053 χ^2/NDF : 2.4/2

In: 0.105+/-0.085 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.050+/-0.053 χ^2/NDF : 2.4/2

asym_sam_2468_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.292 $\pm$ 0.060 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 55.333 $\pm$ 0.047 χ^2 /NDF: 38016.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

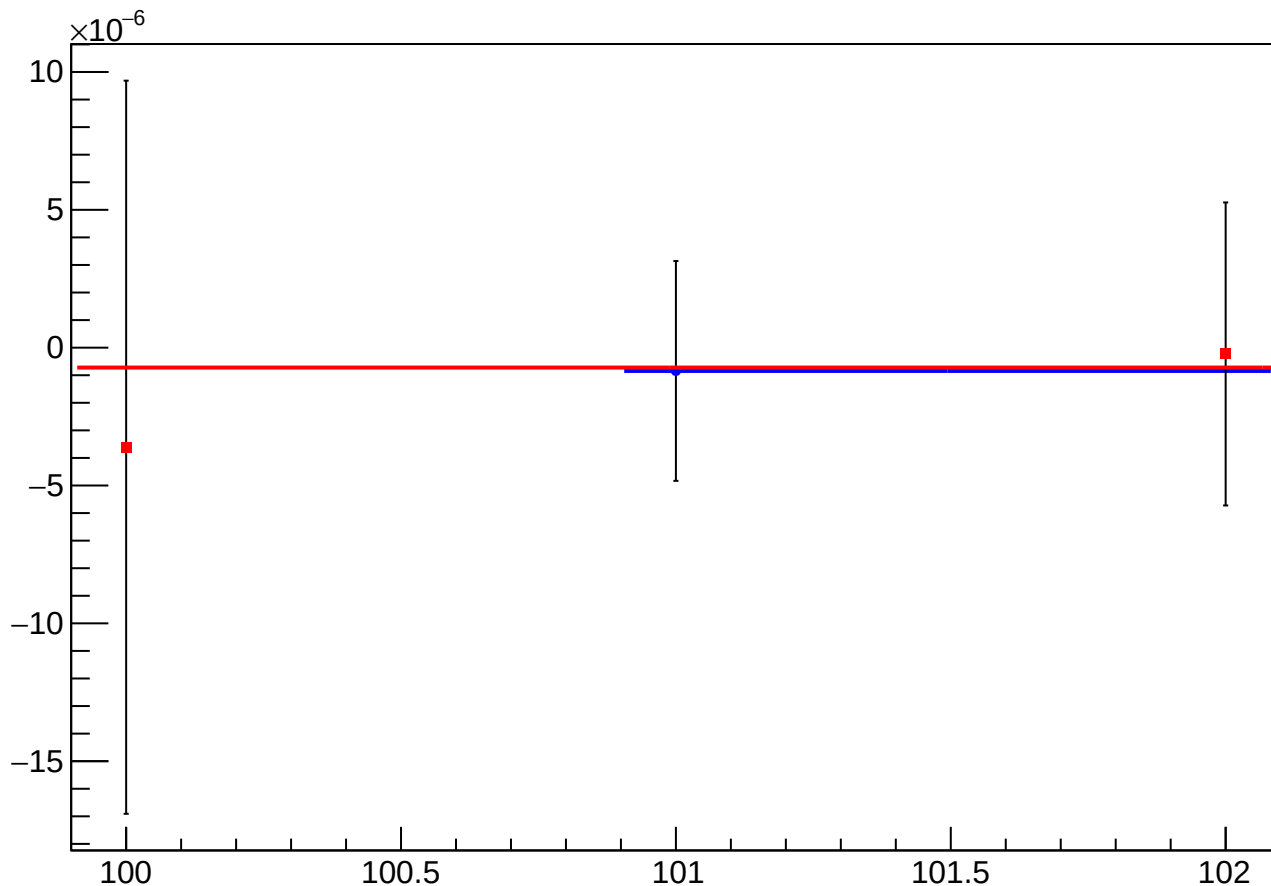
Right: 59.529 $\pm$ 0.037 χ^2 /NDF: 58498.7/2

In: 66.292 $\pm$ 0.060 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 59.529 $\pm$ 0.037 χ^2 /NDF: 58498.7/2

asym_sam_2468_avg_eigen_dit_vs_dit_diff_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 : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

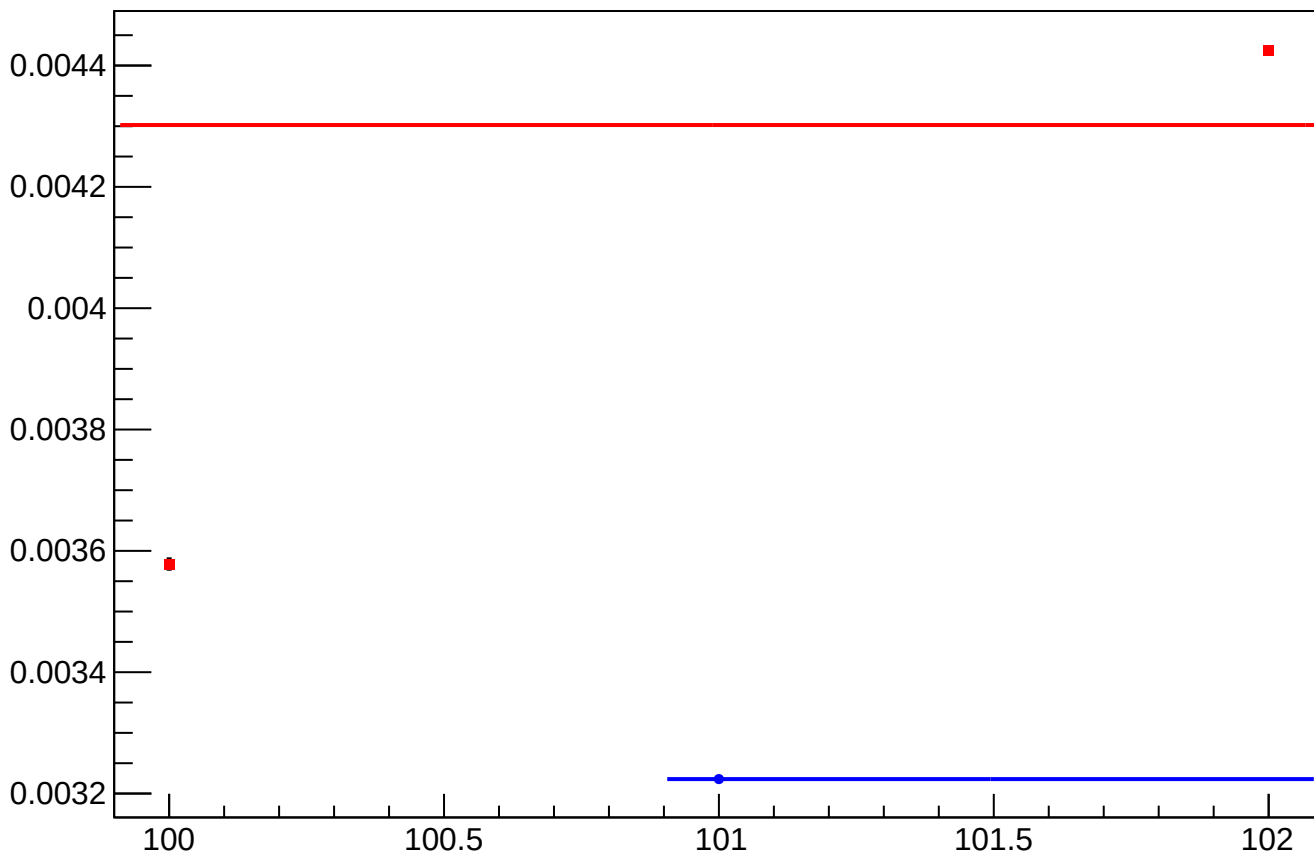
Right: -0.000+/-0.000 χ^2/NDF : 0.1/2

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 : 0.1/2

asym_sam_2468_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 6935.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

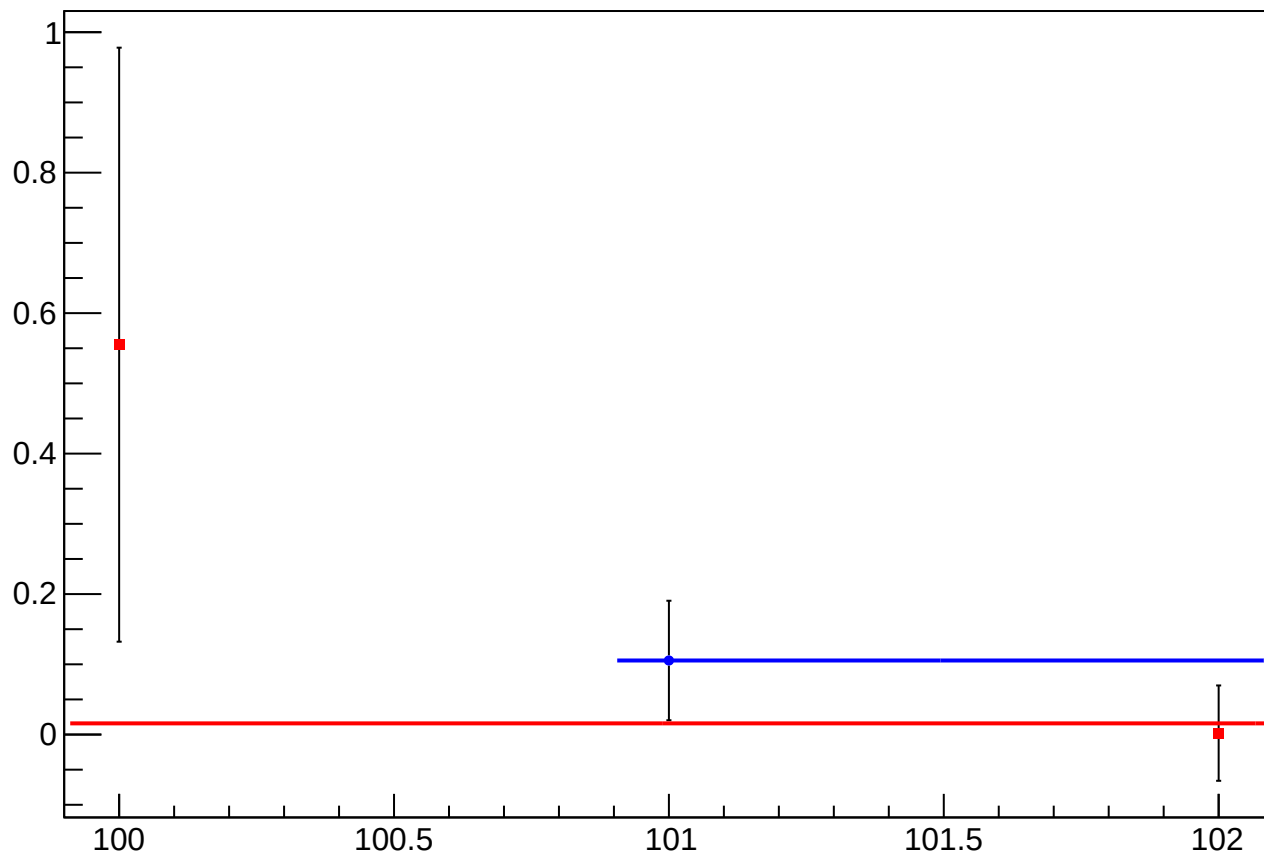
Right: 0.004+/-0.000 χ^2/NDF : 62697.0/2

In: 0.003+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 62697.0/2

asym_sam_2468_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.105 $\pm$ 0.085 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.016 $\pm$ 0.067 χ^2/NDF : 1.7/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

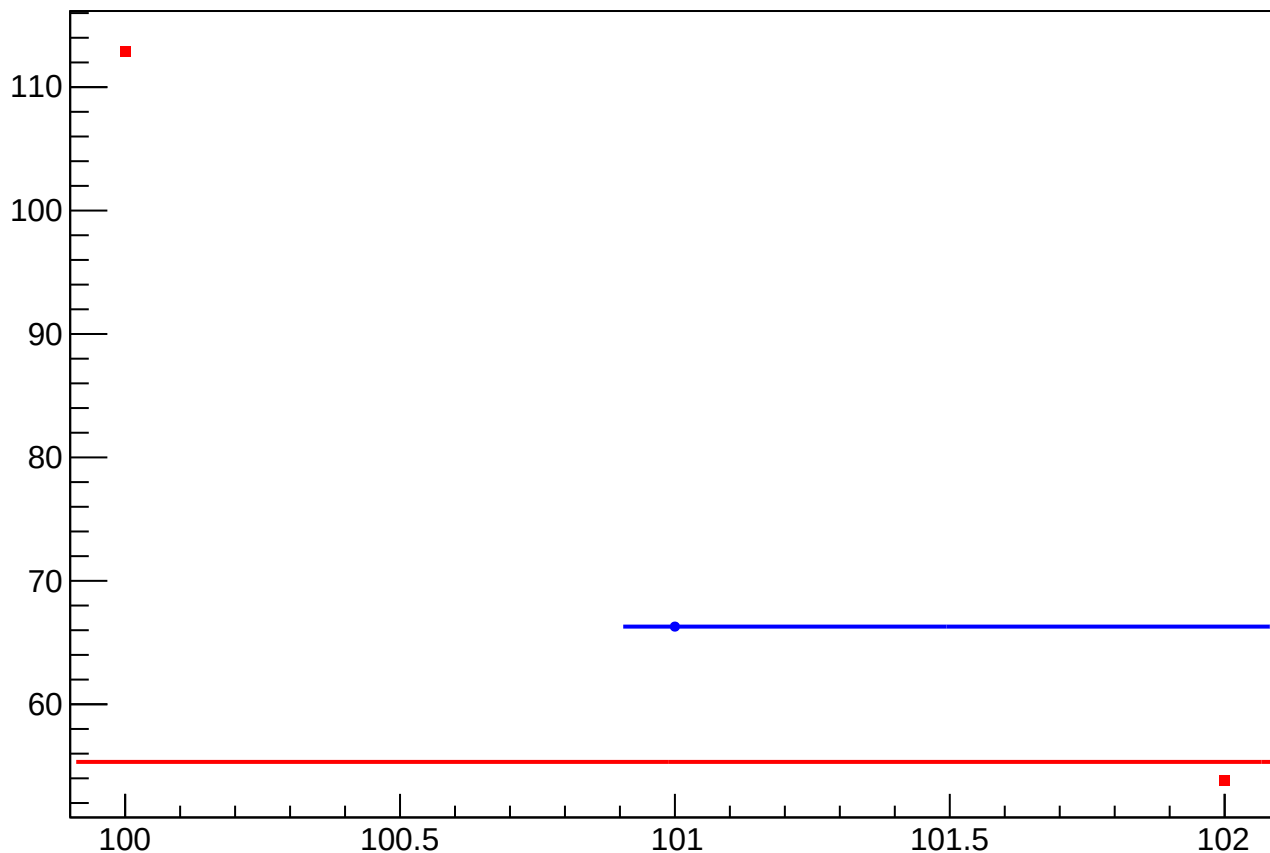
Right: 0.050 $\pm$ 0.053 χ^2/NDF : 2.4/2

In: 0.105 $\pm$ 0.085 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.050 $\pm$ 0.053 χ^2/NDF : 2.4/2

asym_sam_2468_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.293 $\pm$ 0.060 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 55.331 $\pm$ 0.047 χ^2 /NDF: 38019.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

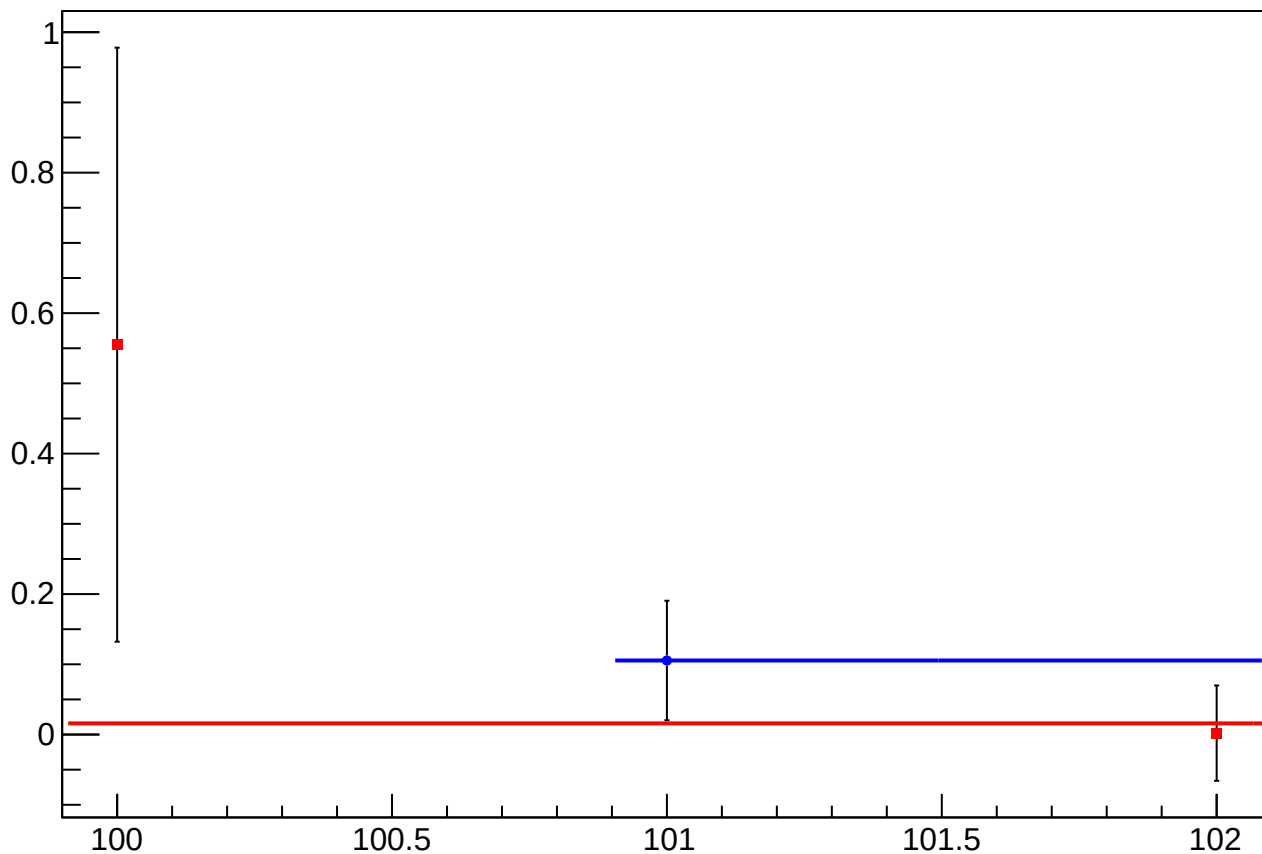
Right: 59.529 $\pm$ 0.037 χ^2 /NDF: 58510.7/2

In: 66.293 $\pm$ 0.060 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 59.529 $\pm$ 0.037 χ^2 /NDF: 58510.7/2

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.105+/-0.085 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.067 χ^2/NDF : 1.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

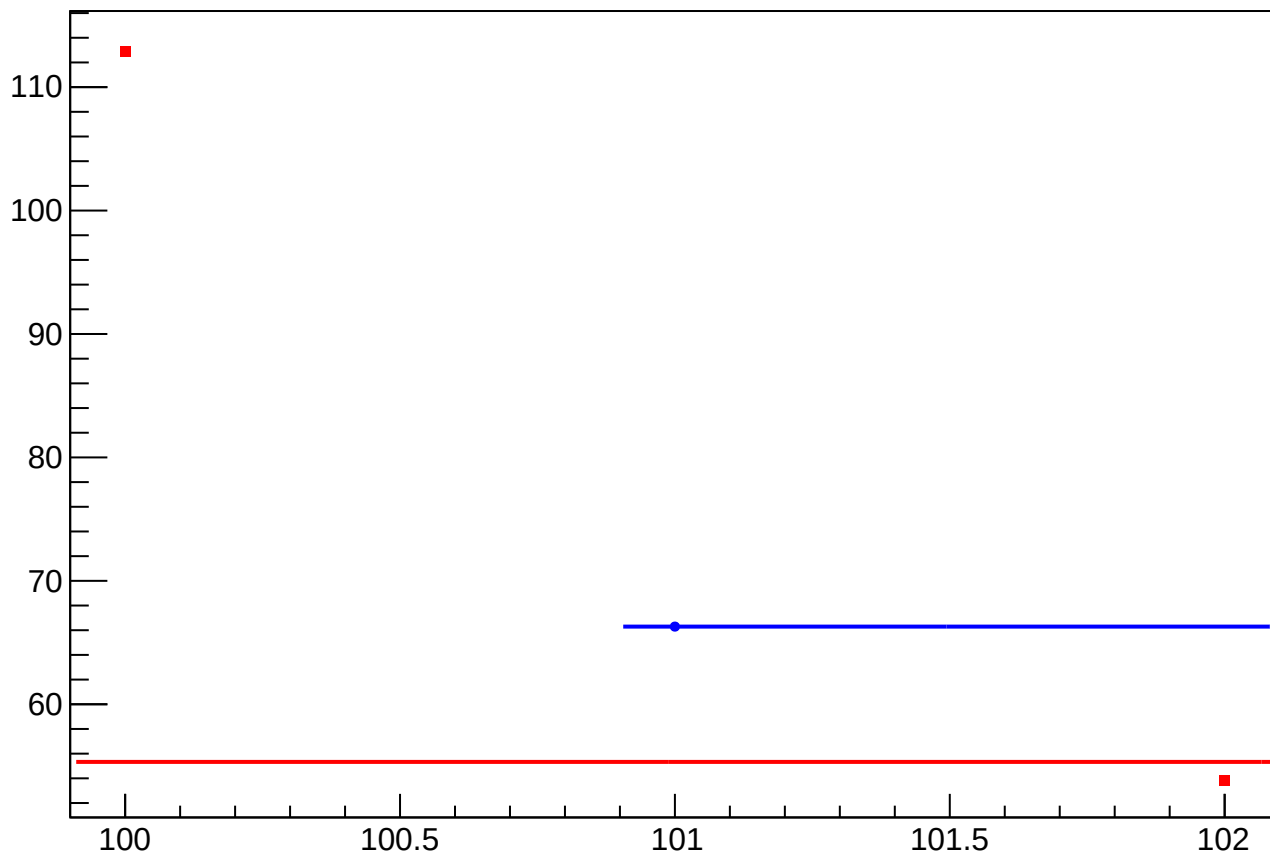
Right: 0.050+/-0.053 χ^2/NDF : 2.4/2

In: 0.105+/-0.085 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.050+/-0.053 χ^2/NDF : 2.4/2

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.293+/-0.060 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.331+/-0.047 χ^2/NDF : 38019.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

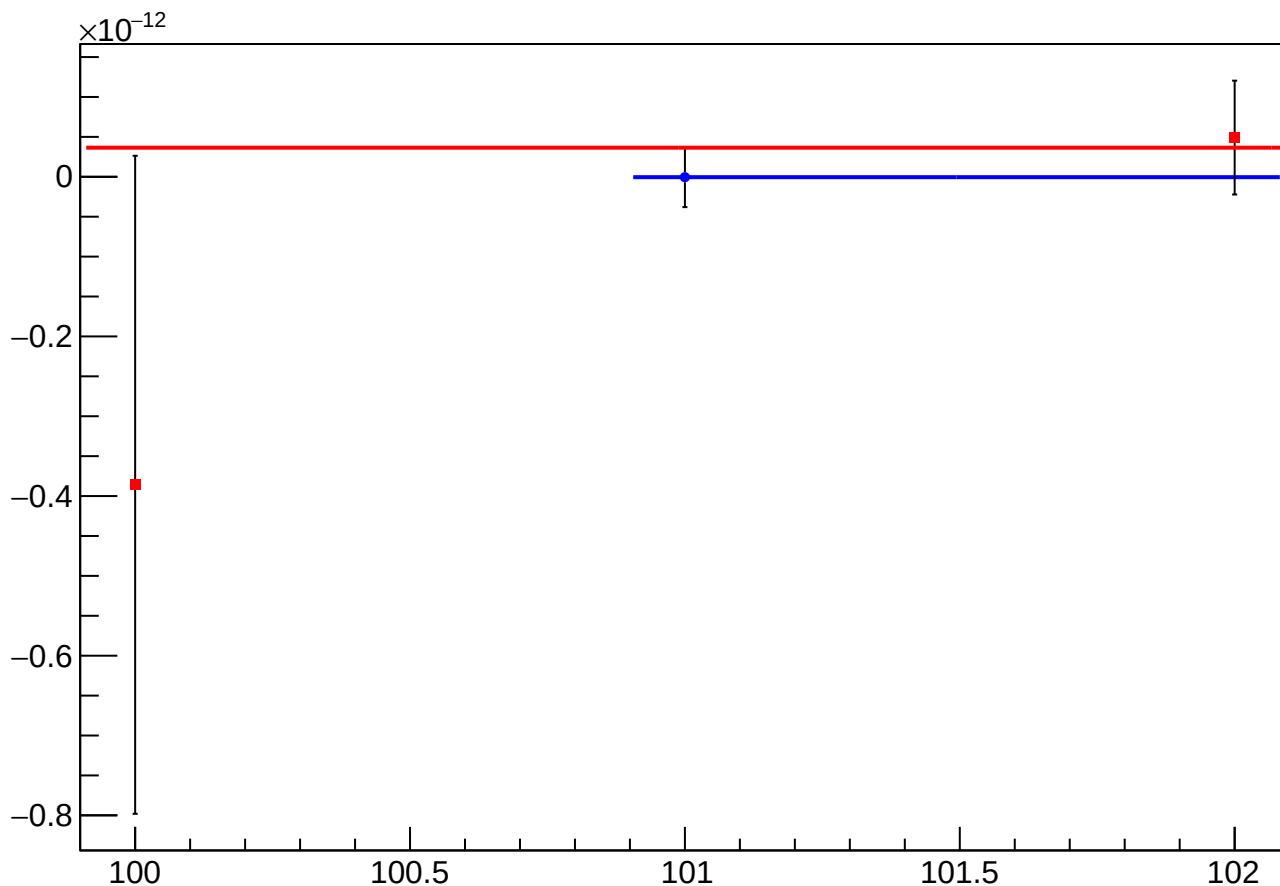
Right: 59.529+/-0.037 χ^2/NDF : 58510.7/2

In: 66.293+/-0.060 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.529+/-0.037 χ^2/NDF : 58510.7/2

asym_sam_2468_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 1.1/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

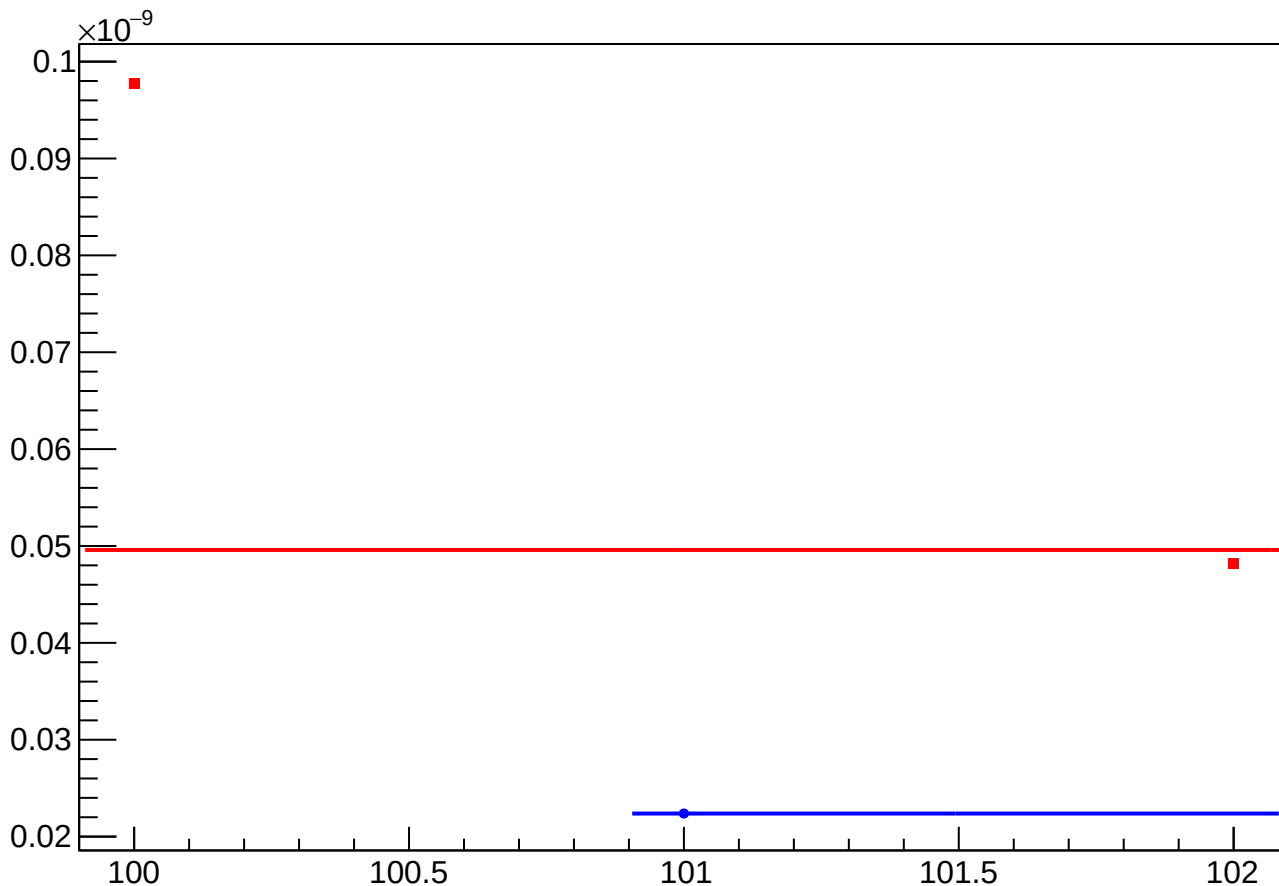
Right: 0.000+/-0.000 χ^2 /NDF: 1.3/2

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: 1.3/2

asym_sam_2468_avg_eigen_cor_vs_cor_diff_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 : 28108.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

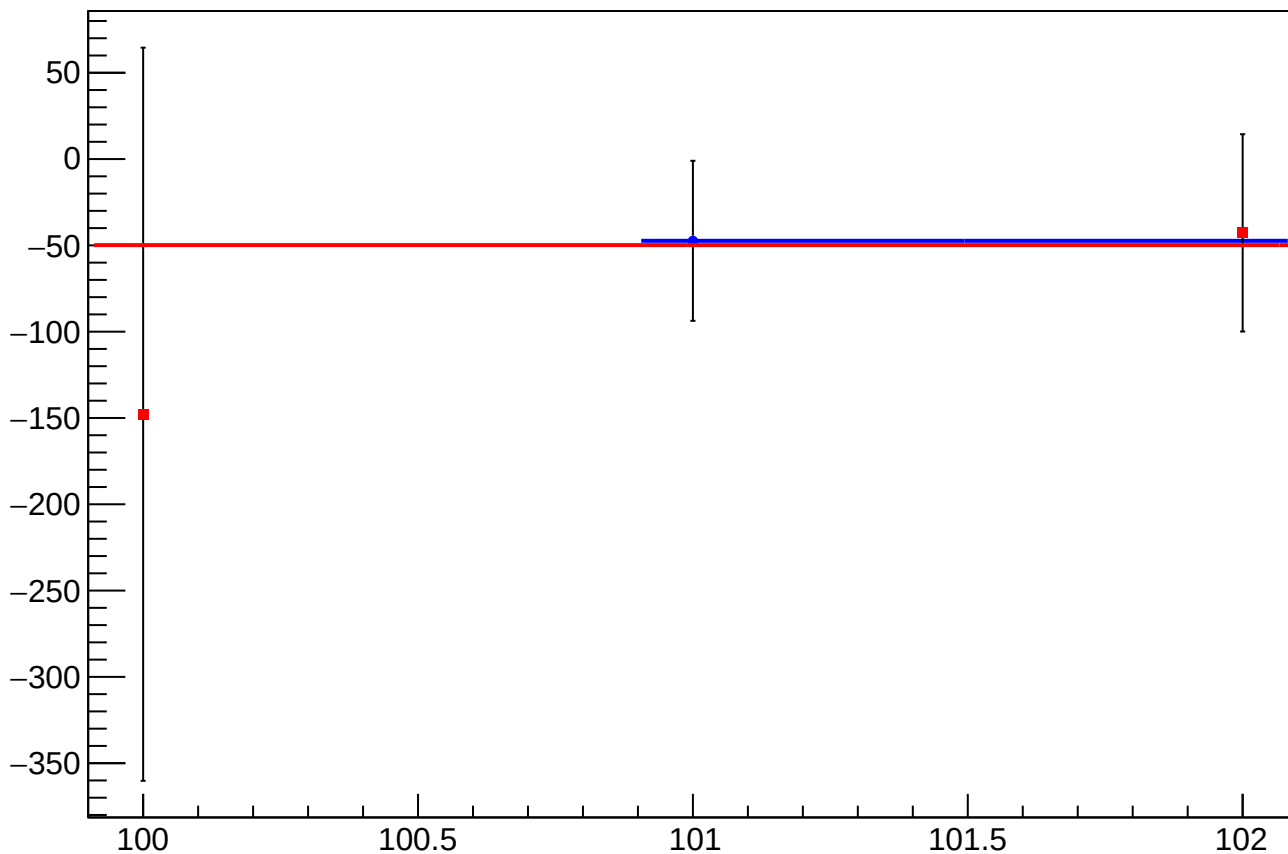
Right: 0.000+/-0.000 χ^2/NDF : 261503.8/2

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 : 261503.8/2

reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -47.360+/-46.351 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -49.846+/-55.191 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

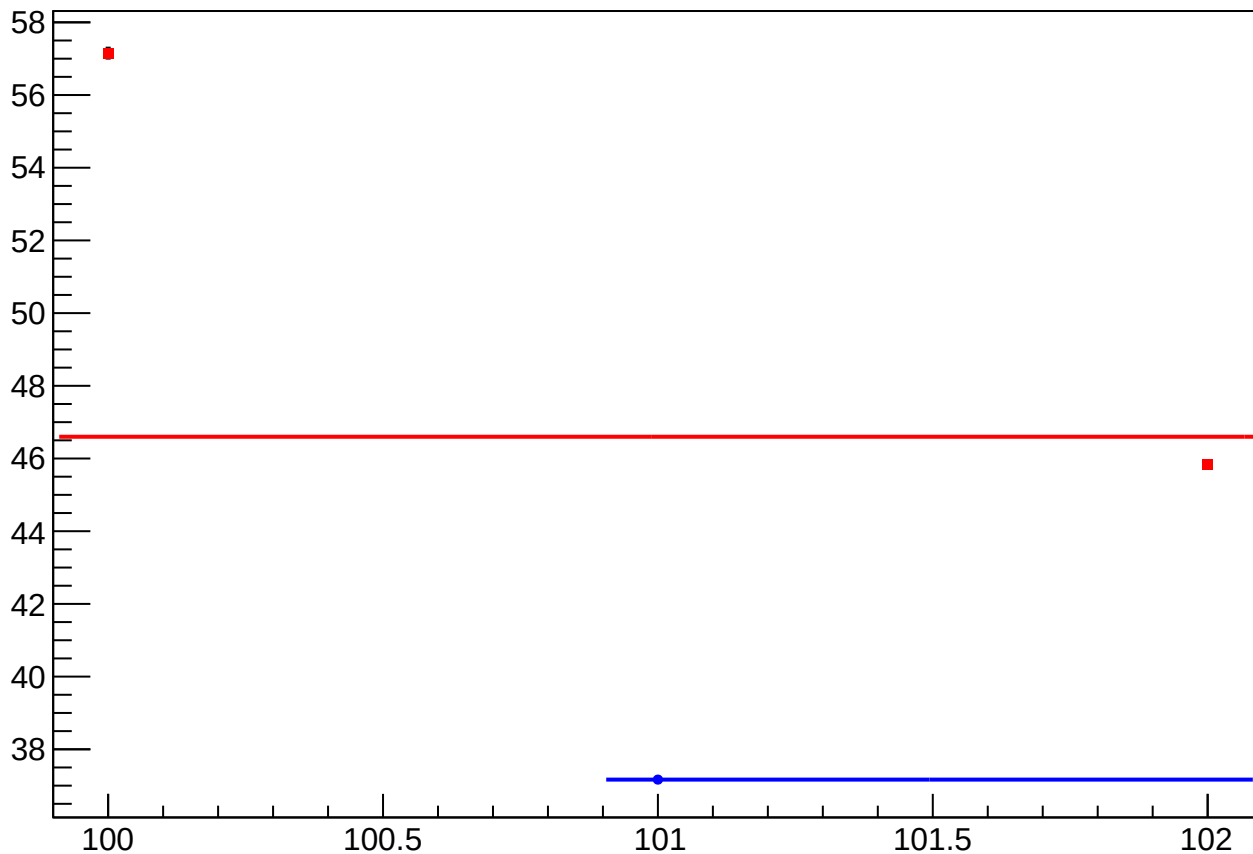
Right: -48.388+/-35.494 χ^2/NDF : 0.2/2

In: -47.360+/-46.351 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.388+/-35.494 χ^2/NDF : 0.2/2

reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 37.166+/-0.033 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.599+/-0.039 χ^2/NDF : 5296.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

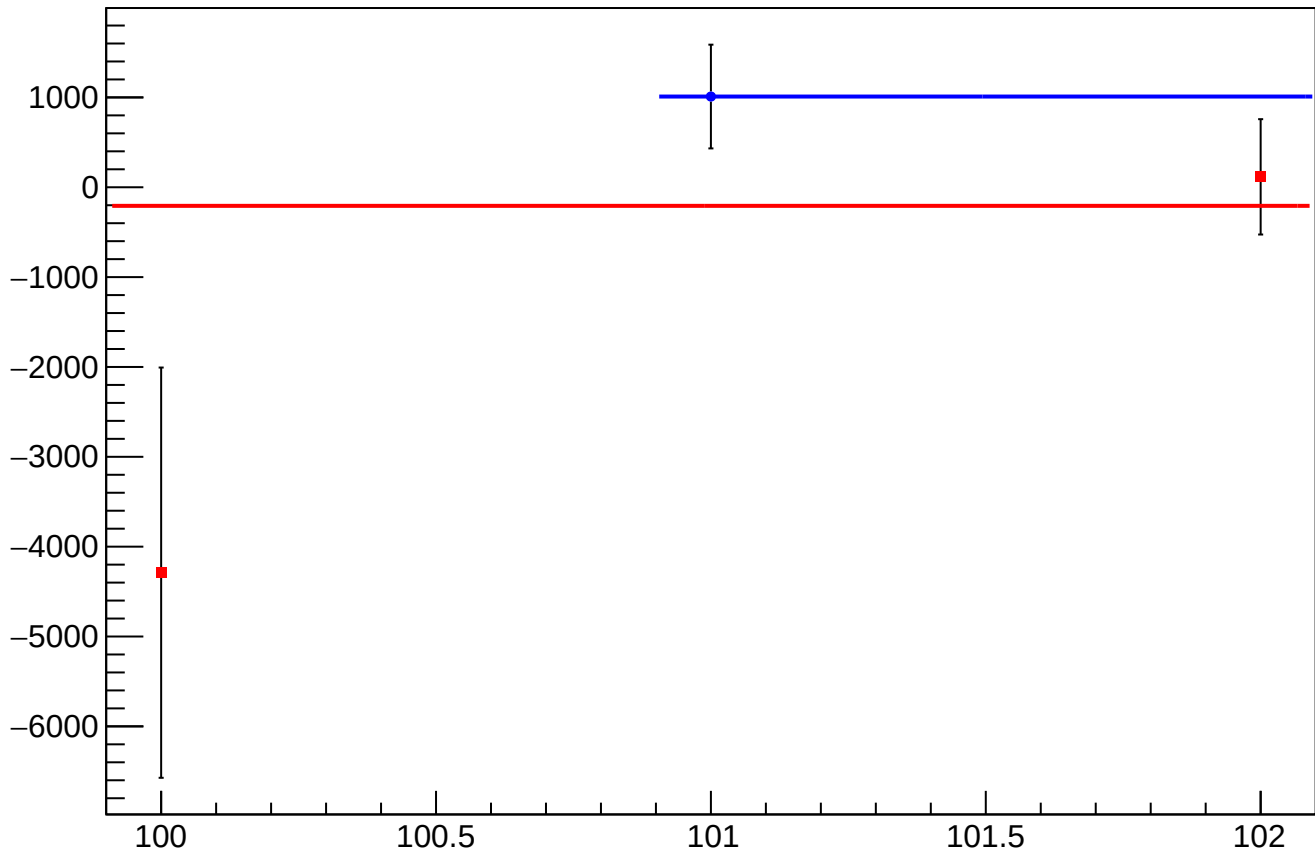
Right: 41.067+/-0.025 χ^2/NDF : 39555.0/2

In: 37.166+/-0.033 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.067+/-0.025 χ^2/NDF : 39555.0/2

asym_sam_1357_2468_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 1009.683+/-577.306 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -206.842+/-617.956 χ^2/NDF : 3.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

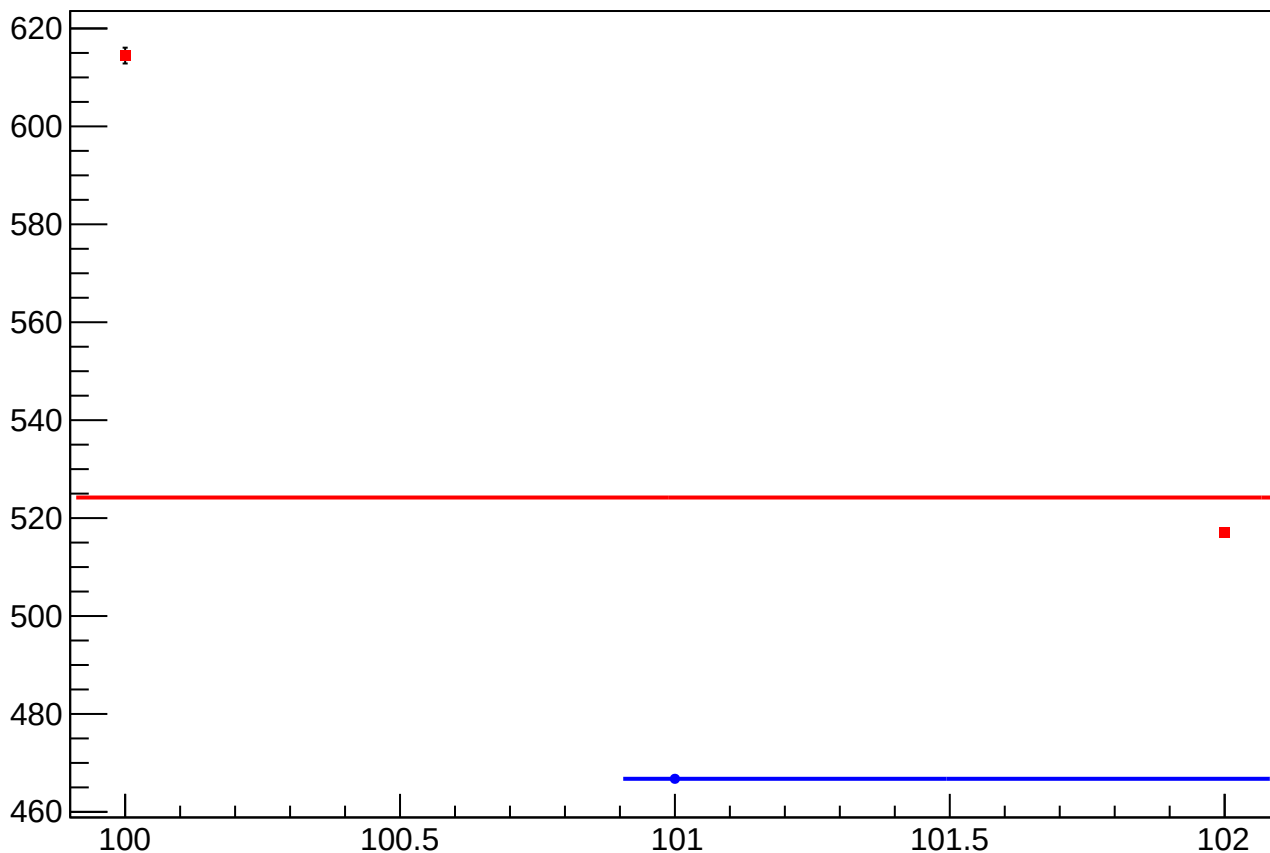
Right: 442.746+/-421.856 χ^2/NDF : 5.5/2

In: 1009.683+/-577.306 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 442.746+/-421.856 χ^2/NDF : 5.5/2

asym_sam_1357_2468_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 466.756 $\pm$ 0.408 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 524.204 $\pm$ 0.437 χ^2 /NDF: 3373.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

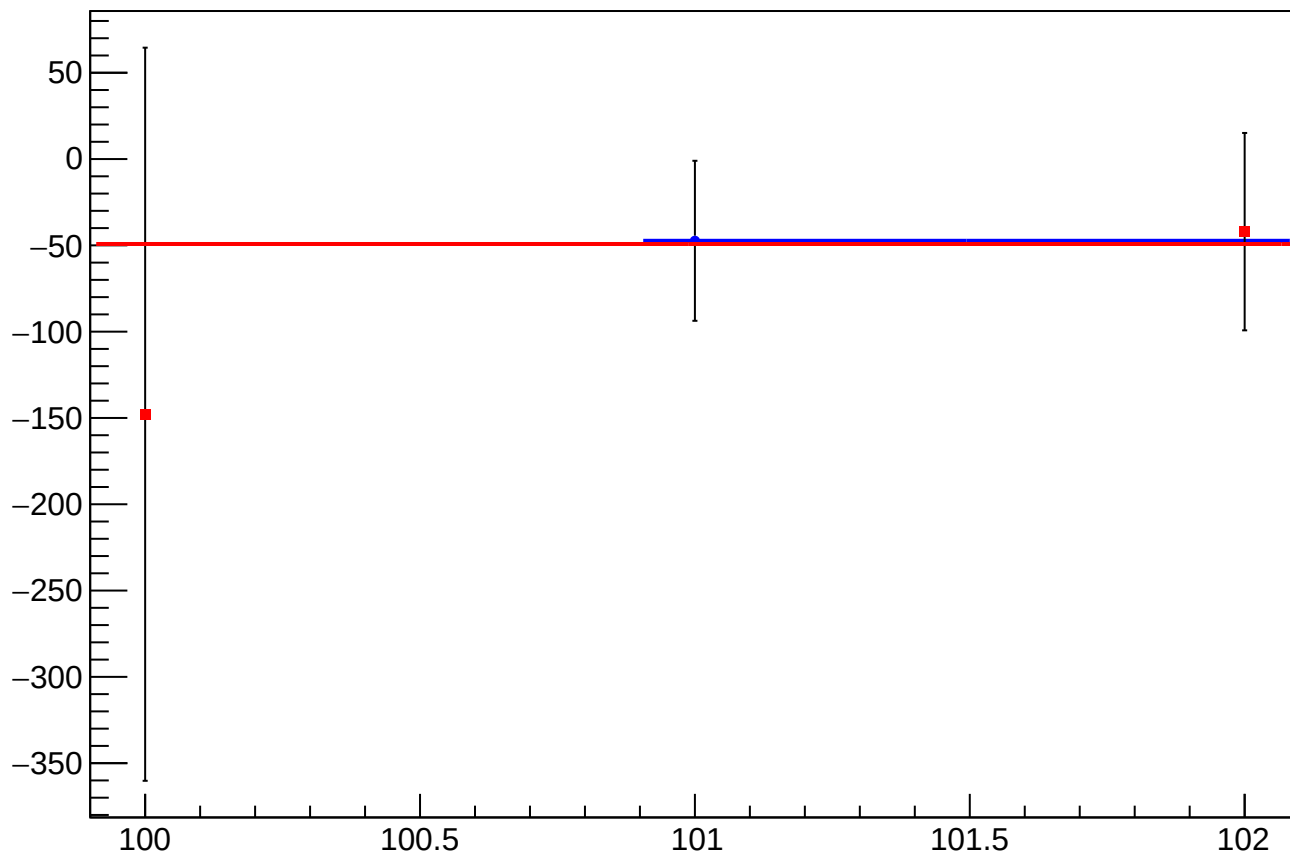
Right: 493.529 $\pm$ 0.298 χ^2 /NDF: 12602.5/2

In: 466.756 $\pm$ 0.408 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 493.529 $\pm$ 0.298 χ^2 /NDF: 12602.5/2

cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -47.360 $\pm$ 46.351 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -49.211 $\pm$ 55.213 χ^2 /NDF: 0.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

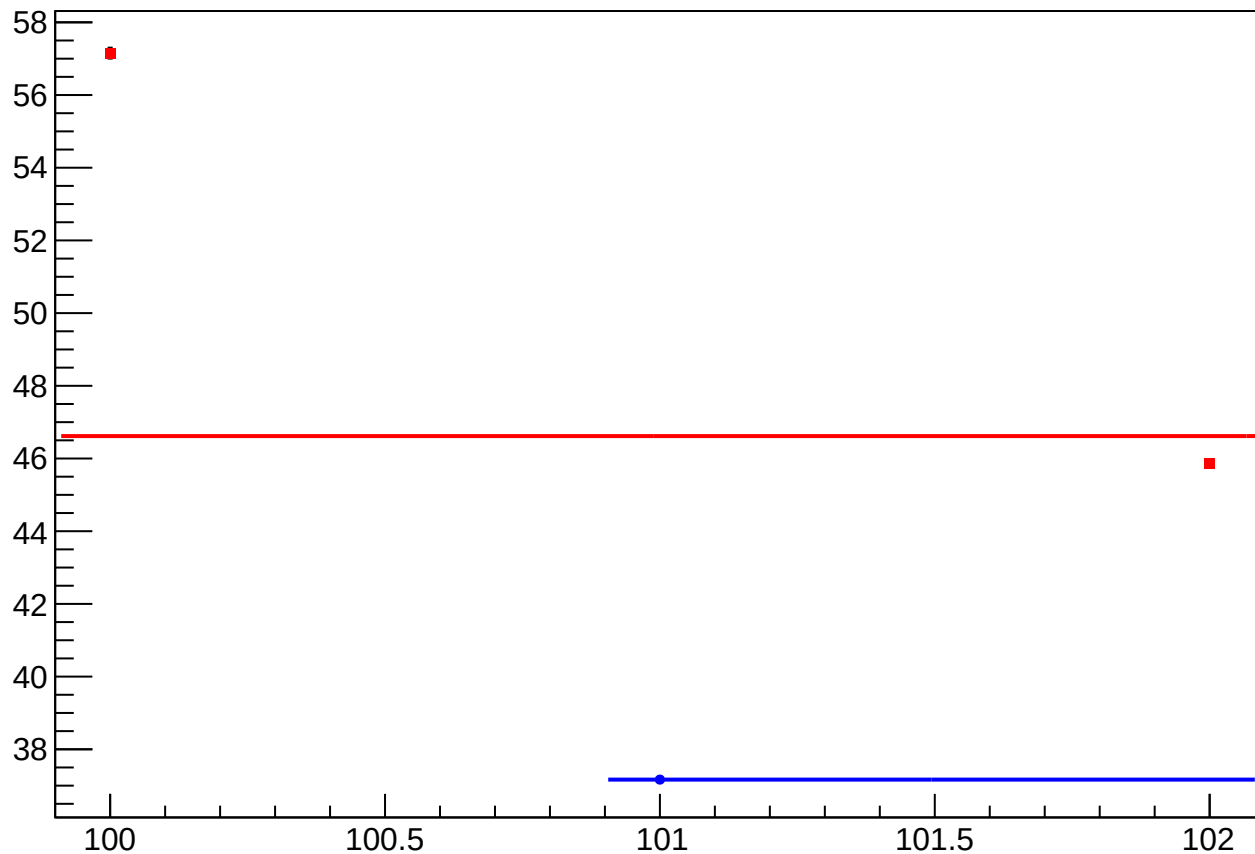
Right: -48.125 $\pm$ 35.500 χ^2 /NDF: 0.2/2

In: -47.360 $\pm$ 46.351 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -48.125 $\pm$ 35.500 χ^2 /NDF: 0.2/2

cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 37.166 $\pm$ 0.033 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 46.617 $\pm$ 0.039 χ^2 /NDF: 5278.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

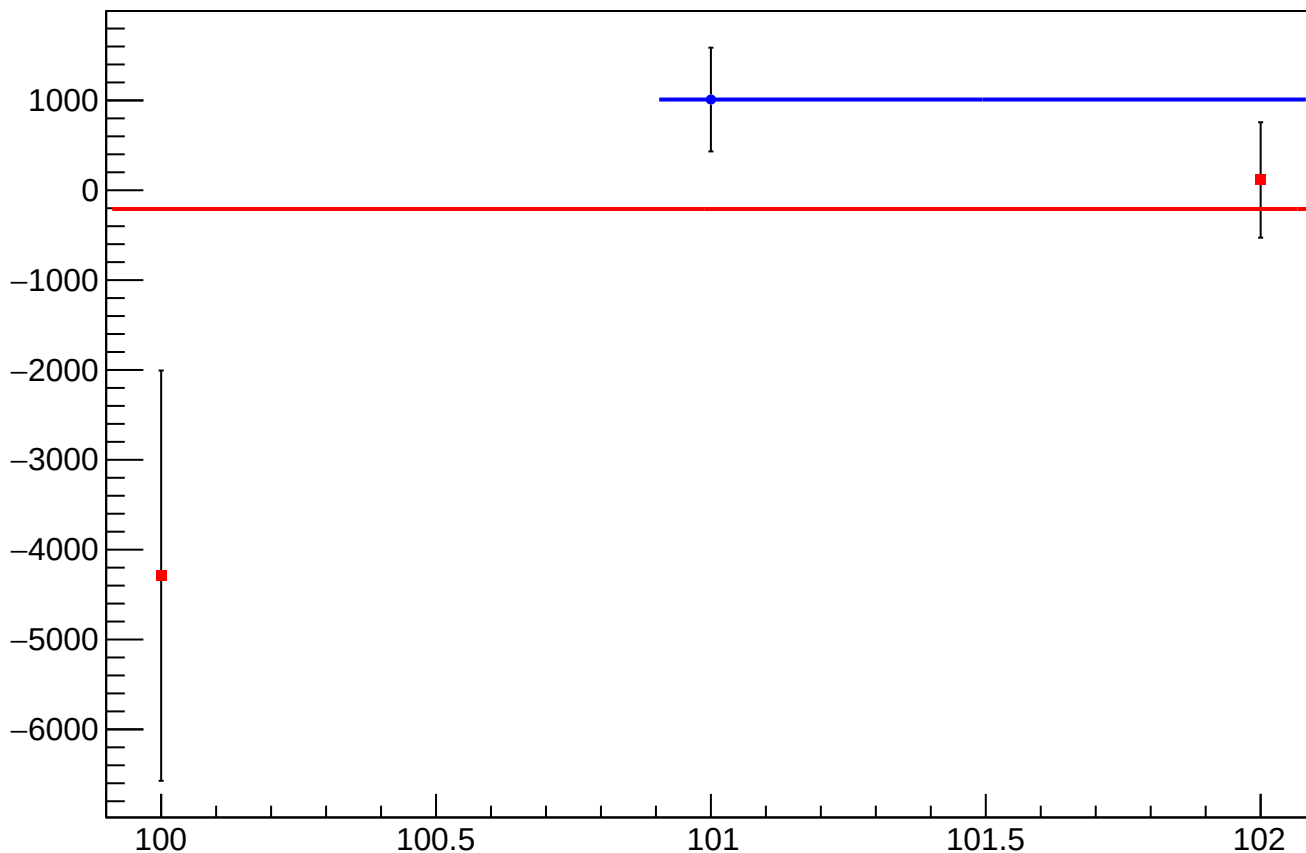
Right: 41.073 $\pm$ 0.025 χ^2 /NDF: 39653.5/2

In: 37.166 $\pm$ 0.033 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 41.073 $\pm$ 0.025 χ^2 /NDF: 39653.5/2

asym_sam_1357_2468_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1009.677 $\pm$ 577.306 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -208.359 $\pm$ 618.192 χ^2 /NDF: 3.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

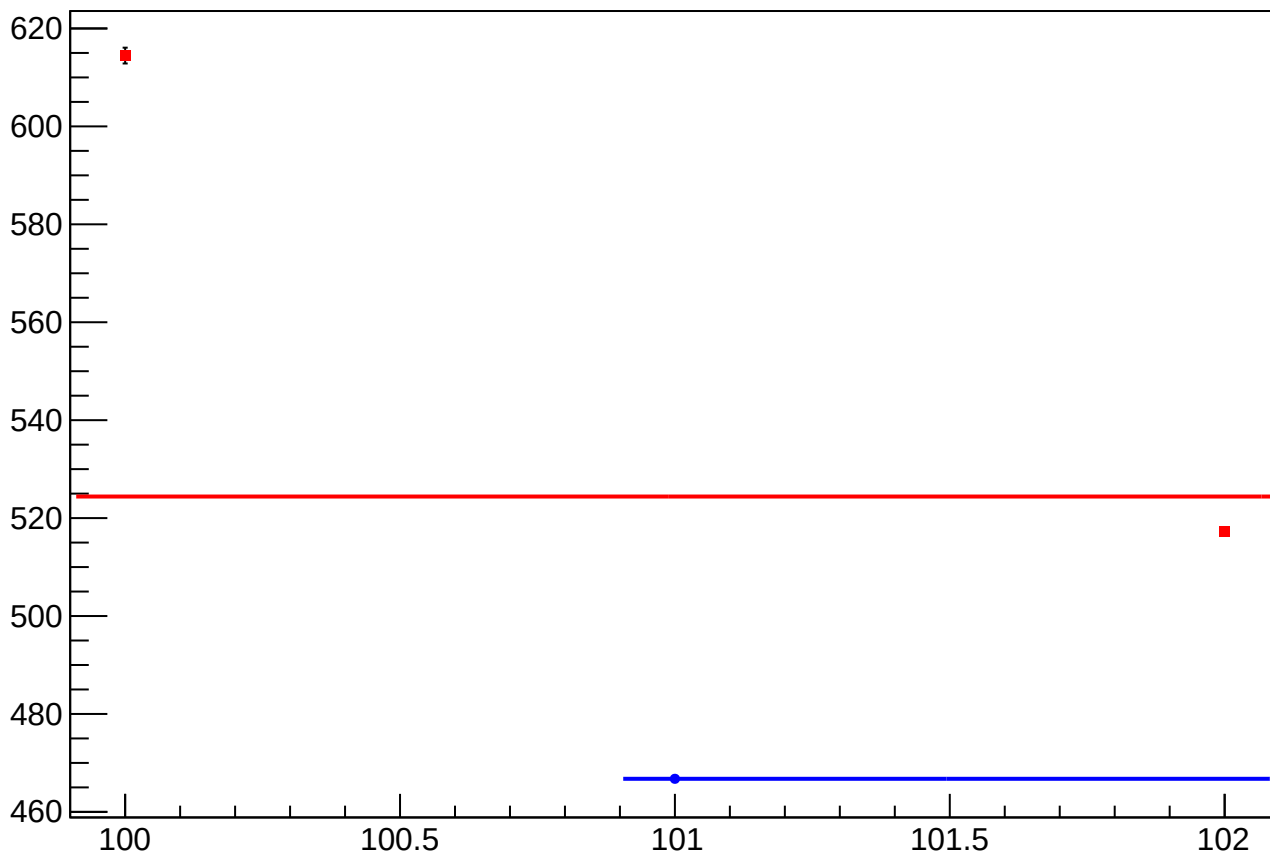
Right: 442.267 $\pm$ 421.931 χ^2 /NDF: 5.5/2

In: 1009.677 $\pm$ 577.306 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 442.267 $\pm$ 421.931 χ^2 /NDF: 5.5/2

asym_sam_1357_2468_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 466.757 $\pm$ 0.408 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 524.406 $\pm$ 0.437 χ^2 /NDF: 3358.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

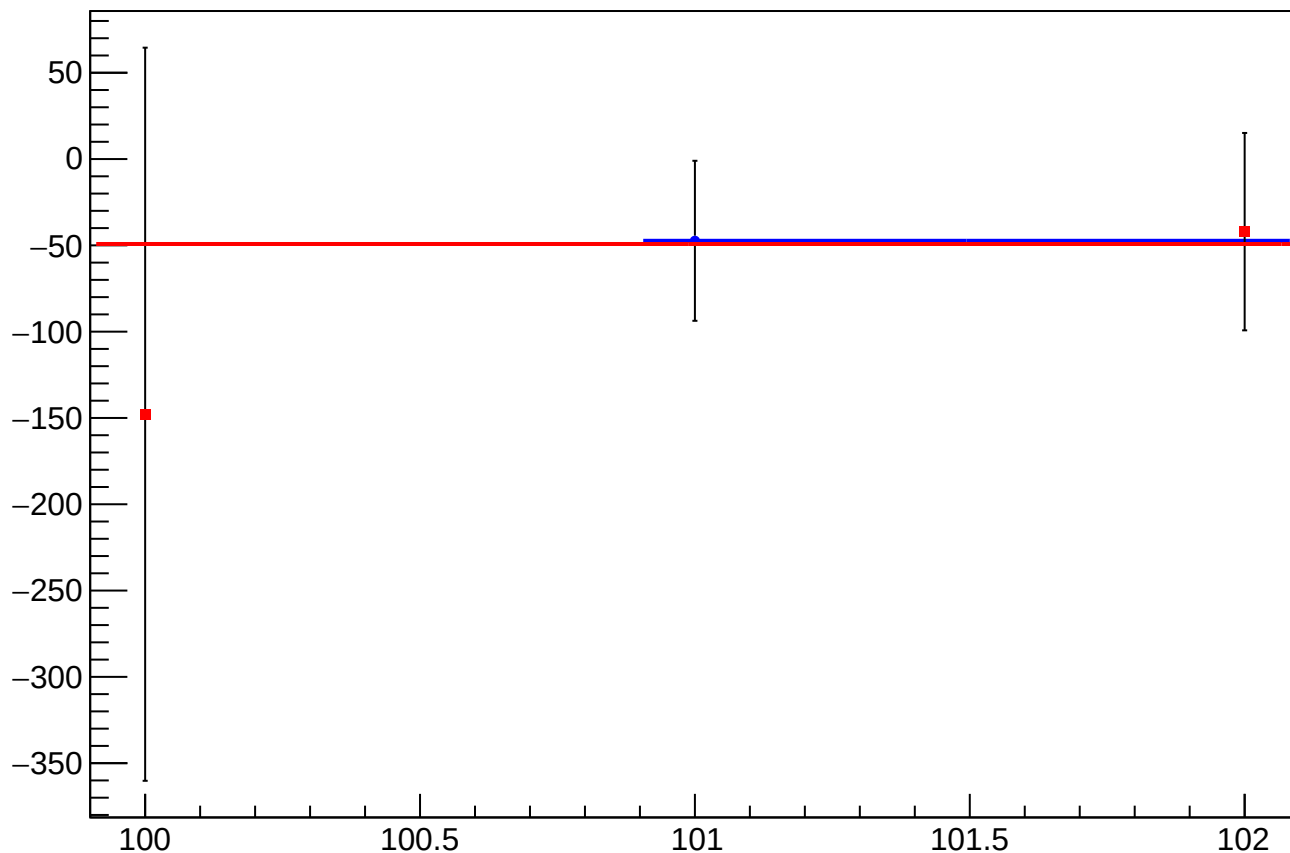
Right: 493.612 $\pm$ 0.298 χ^2 /NDF: 12648.8/2

In: 466.757 $\pm$ 0.408 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 493.612 $\pm$ 0.298 χ^2 /NDF: 12648.8/2

eigen_cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -47.360+/-46.351 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -49.211+/-55.213 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

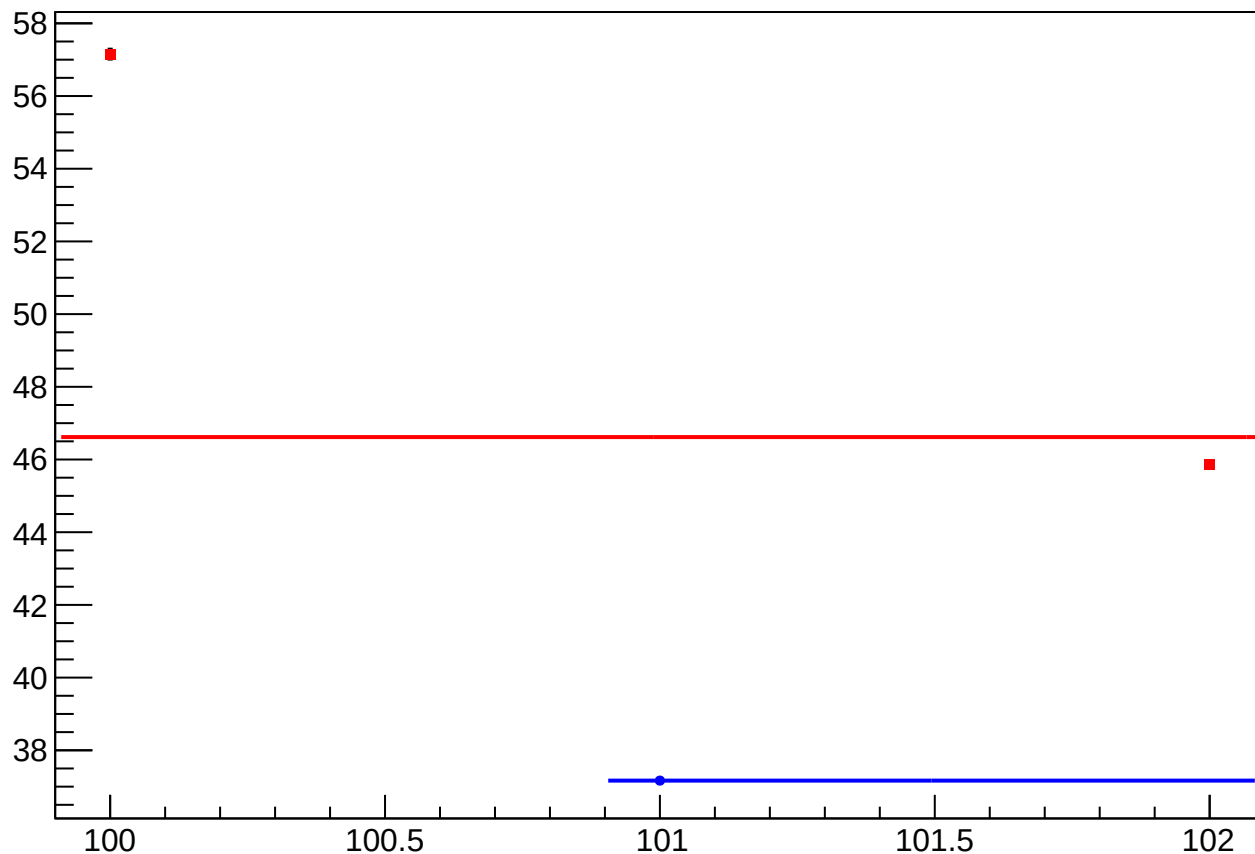
Right: -48.125+/-35.500 χ^2/NDF : 0.2/2

In: -47.360+/-46.351 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.125+/-35.500 χ^2/NDF : 0.2/2

eigen_cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 37.166+/-0.033 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.617+/-0.039 χ^2/NDF : 5278.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

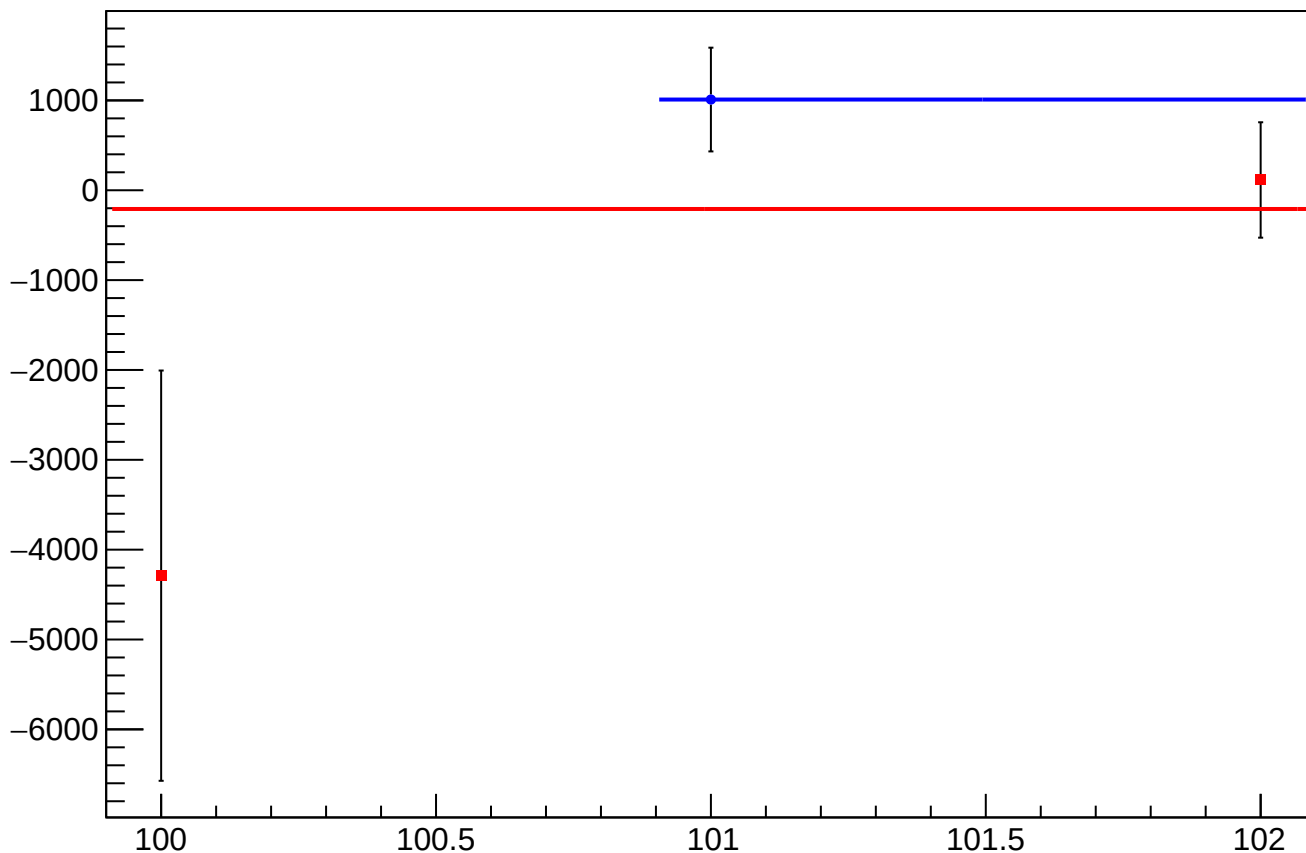
Right: 41.073+/-0.025 χ^2/NDF : 39653.5/2

In: 37.166+/-0.033 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.073+/-0.025 χ^2/NDF : 39653.5/2

asym_sam_1357_2468_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1009.677 $\pm$ 577.306 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -208.359 $\pm$ 618.192 χ^2 /NDF: 3.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

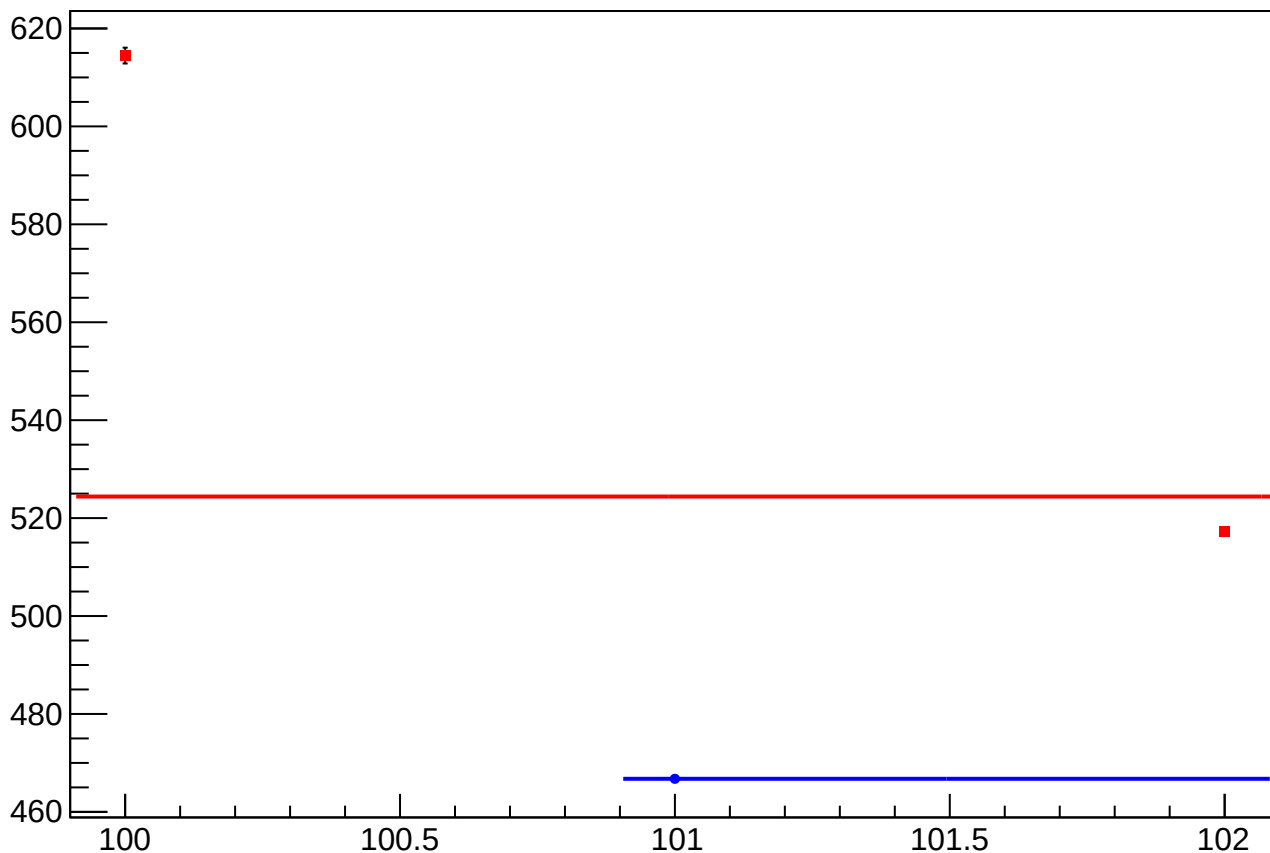
Right: 442.267 $\pm$ 421.931 χ^2 /NDF: 5.5/2

In: 1009.677 $\pm$ 577.306 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 442.267 $\pm$ 421.931 χ^2 /NDF: 5.5/2

asym_sam_1357_2468_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 466.757 $\pm$ 0.408 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 524.406 $\pm$ 0.437 χ^2 /NDF: 3358.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

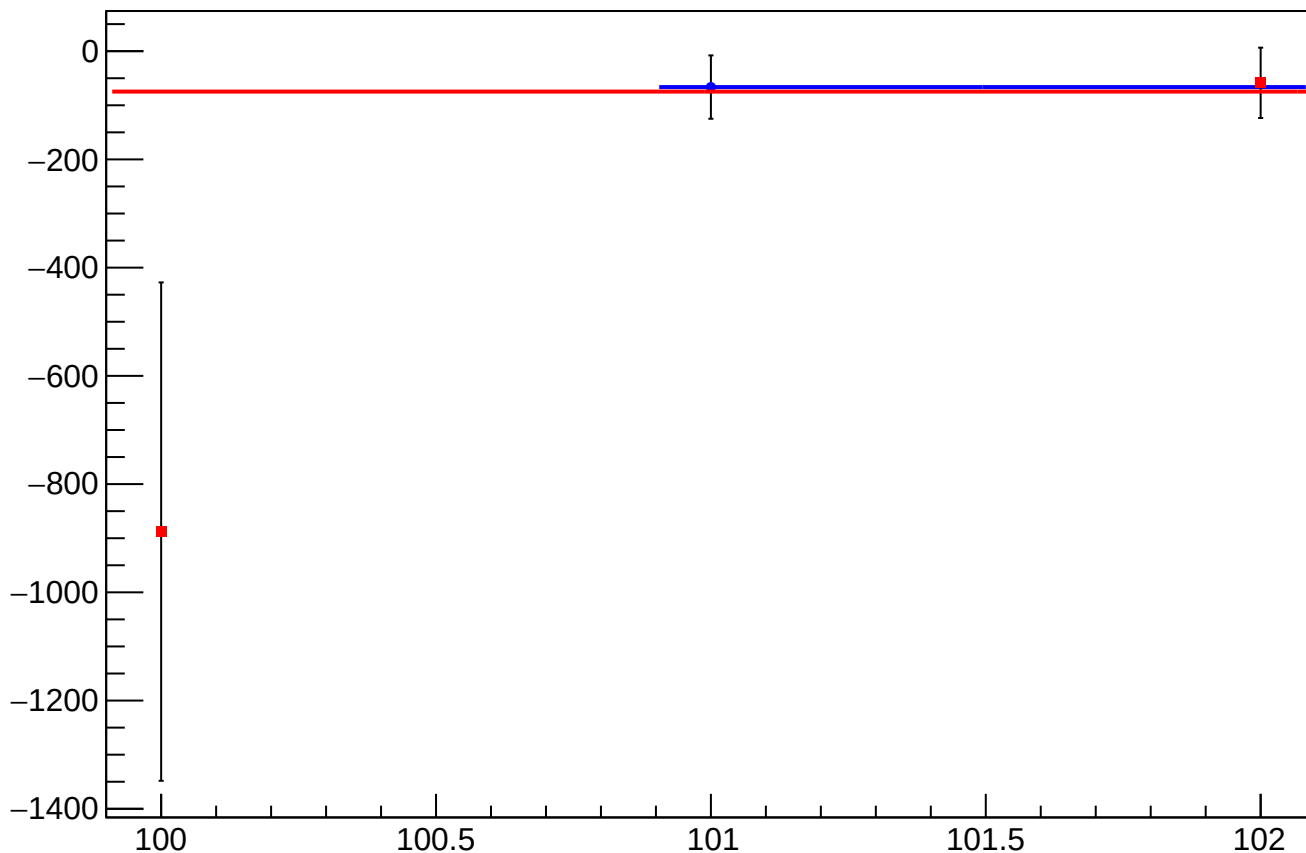
Right: 493.612 $\pm$ 0.298 χ^2 /NDF: 12648.8/2

In: 466.757 $\pm$ 0.408 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 493.612 $\pm$ 0.298 χ^2 /NDF: 12648.8/2

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -66.359+/-58.543 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -74.692+/-64.336 χ^2 /NDF: 3.2/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

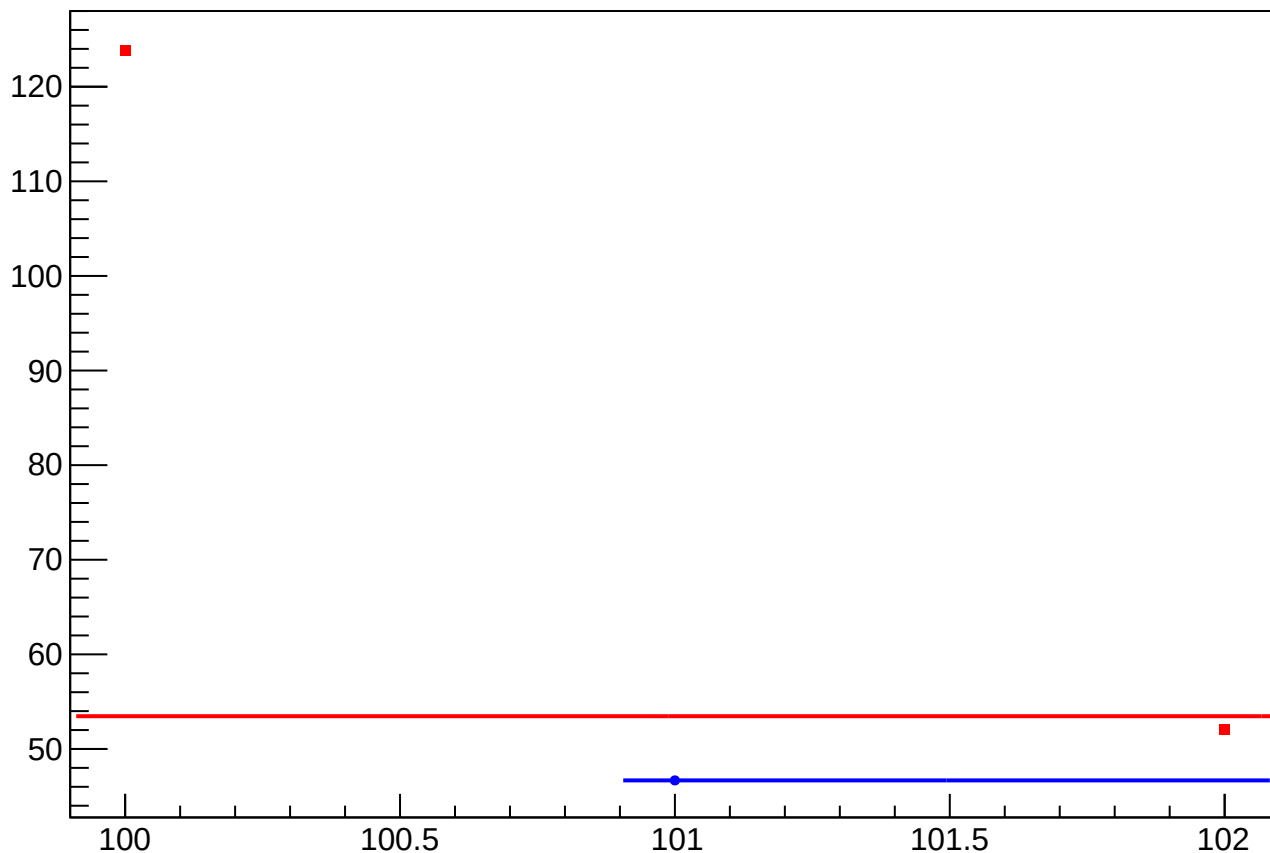
Right: -70.134+/-43.300 χ^2 /NDF: 3.2/2

In: -66.359+/-58.543 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -70.134+/-43.300 χ^2 /NDF: 3.2/2

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 46.677 ± 0.041 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 53.462 ± 0.045 $\chi^2/\text{NDF}: 47599.8/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

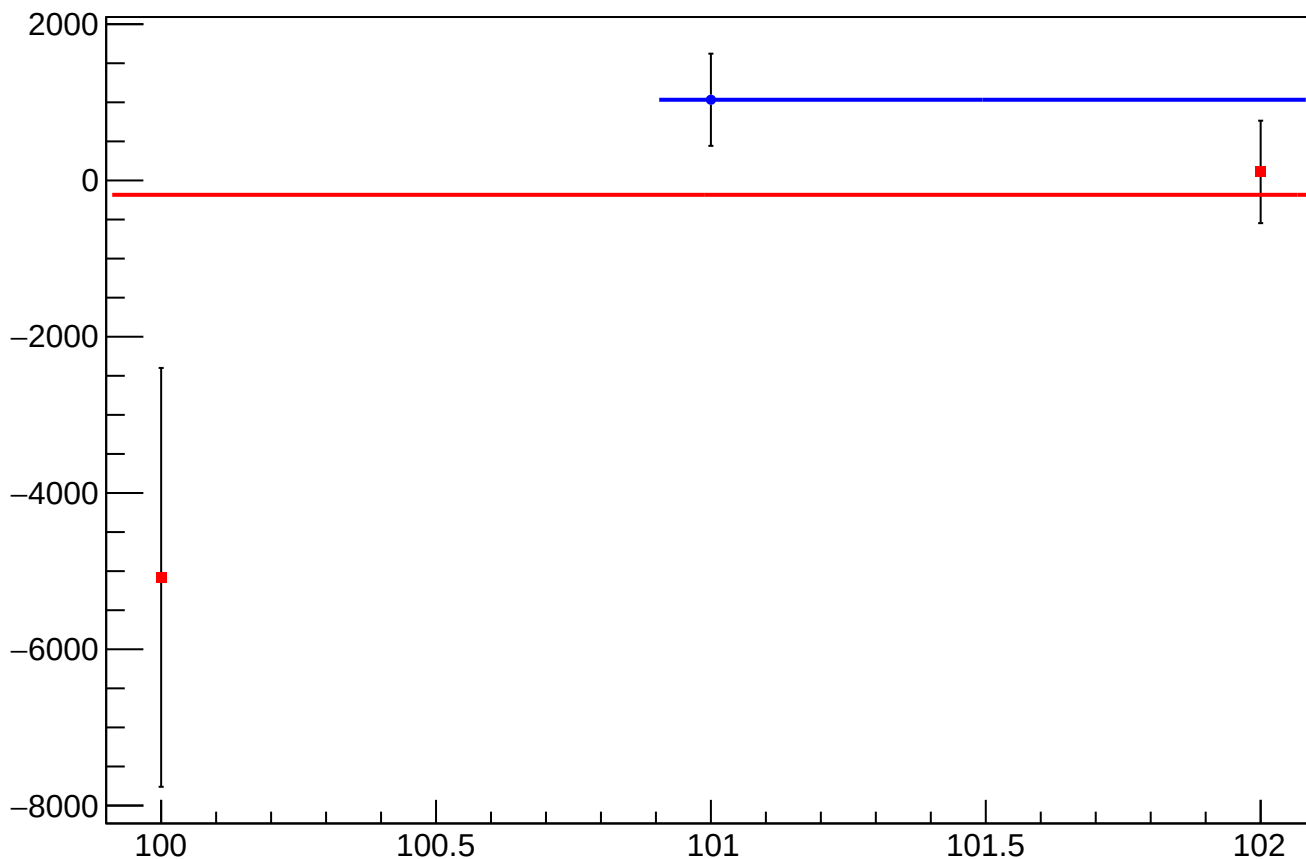
Right: 49.750 ± 0.031 $\chi^2/\text{NDF}: 59768.8/2$

In: 46.677 ± 0.041 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 49.750 ± 0.031 $\chi^2/\text{NDF}: 59768.8/2$

asym_sam_1357_2468_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1032.772 $\pm$ 589.815 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -183.850 $\pm$ 636.882 χ^2 /NDF: 3.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

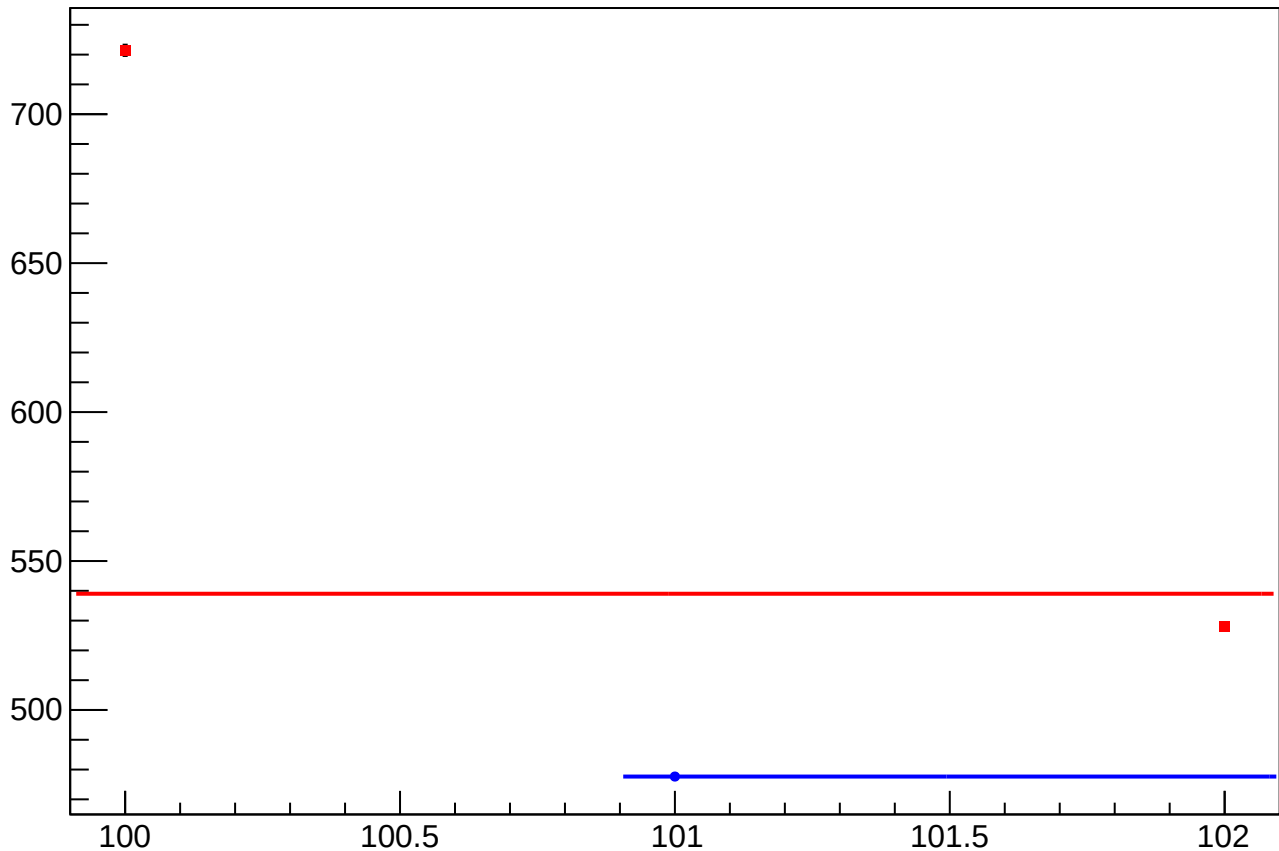
Right: 471.073 $\pm$ 432.746 χ^2 /NDF: 5.5/2

In: 1032.772 $\pm$ 589.815 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 471.073 $\pm$ 432.746 χ^2 /NDF: 5.5/2

asym_sam_1357_2468_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 477.651 $\pm$ 0.417 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 539.017 $\pm$ 0.450 χ^2 /NDF: 9819.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

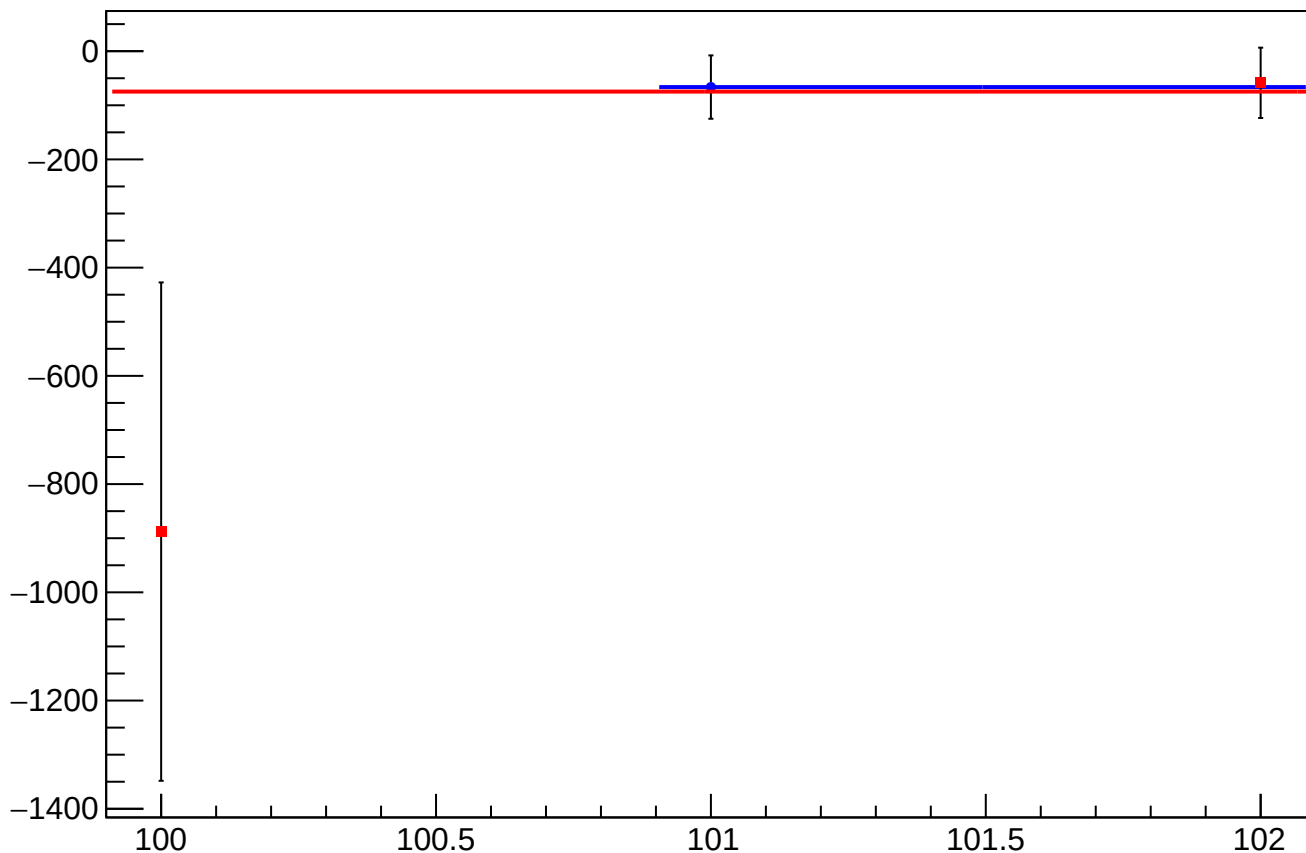
Right: 505.983 $\pm$ 0.306 χ^2 /NDF: 19814.6/2

In: 477.651 $\pm$ 0.417 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 505.983 $\pm$ 0.306 χ^2 /NDF: 19814.6/2

eigen_dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -66.356+/-58.544 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -74.690+/-64.335 χ^2/NDF : 3.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

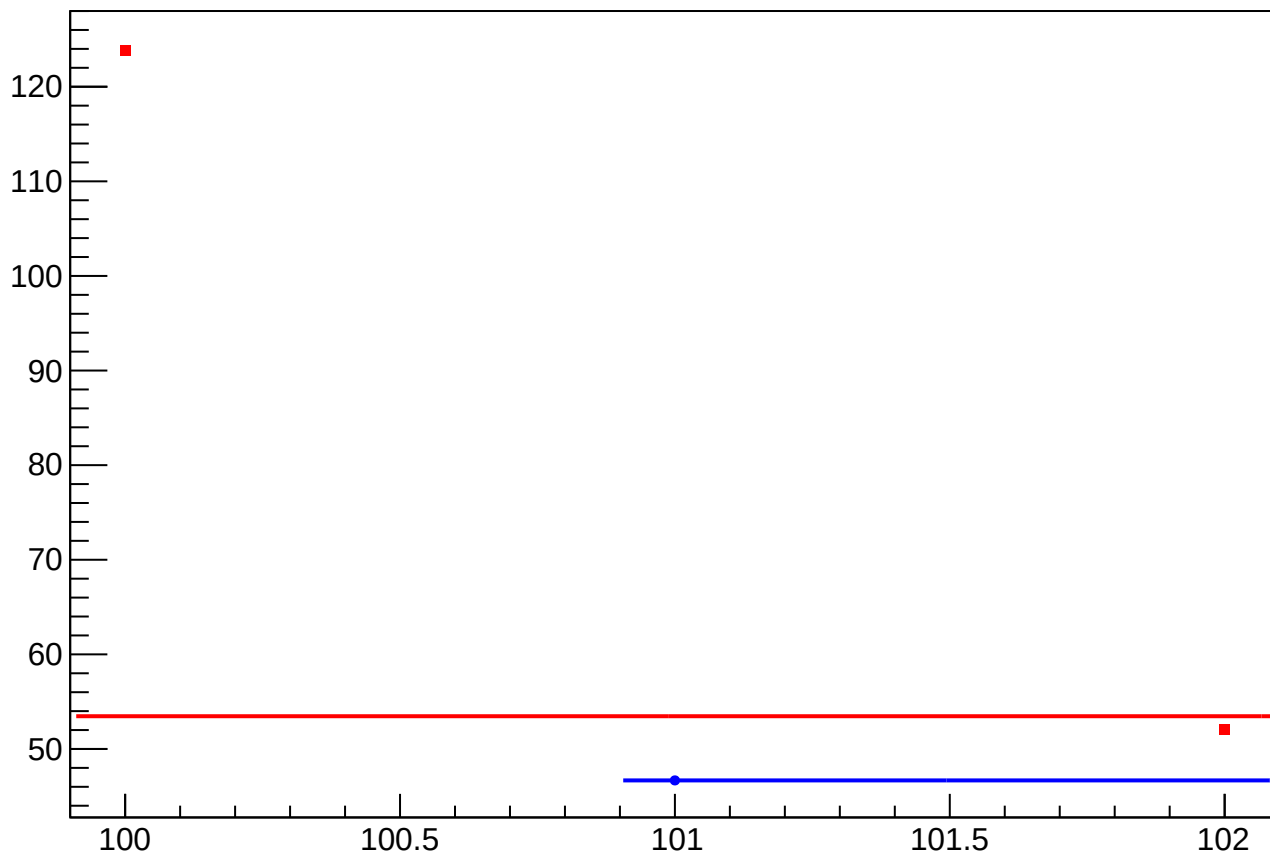
Right: -70.132+/-43.300 χ^2/NDF : 3.2/2

In: -66.356+/-58.544 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -70.132+/-43.300 χ^2/NDF : 3.2/2

eigen_dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 46.677 $\pm$ 0.041 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 53.461 $\pm$ 0.045 χ^2 /NDF: 47600.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

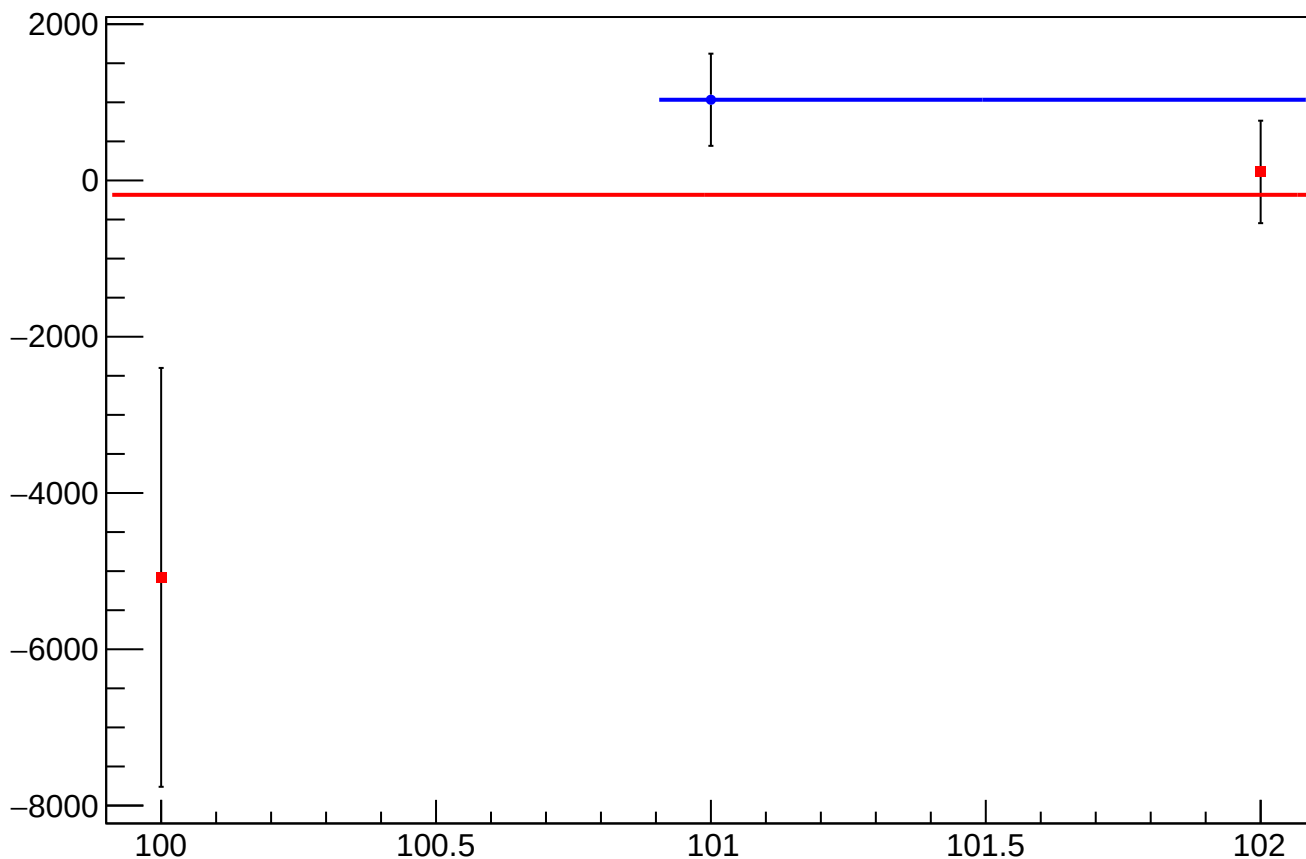
Right: 49.750 $\pm$ 0.031 χ^2 /NDF: 59767.7/2

In: 46.677 $\pm$ 0.041 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 49.750 $\pm$ 0.031 χ^2 /NDF: 59767.7/2

asym_sam_1357_2468_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1032.774+/-589.815 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -183.848+/-636.881 χ^2/NDF : 3.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

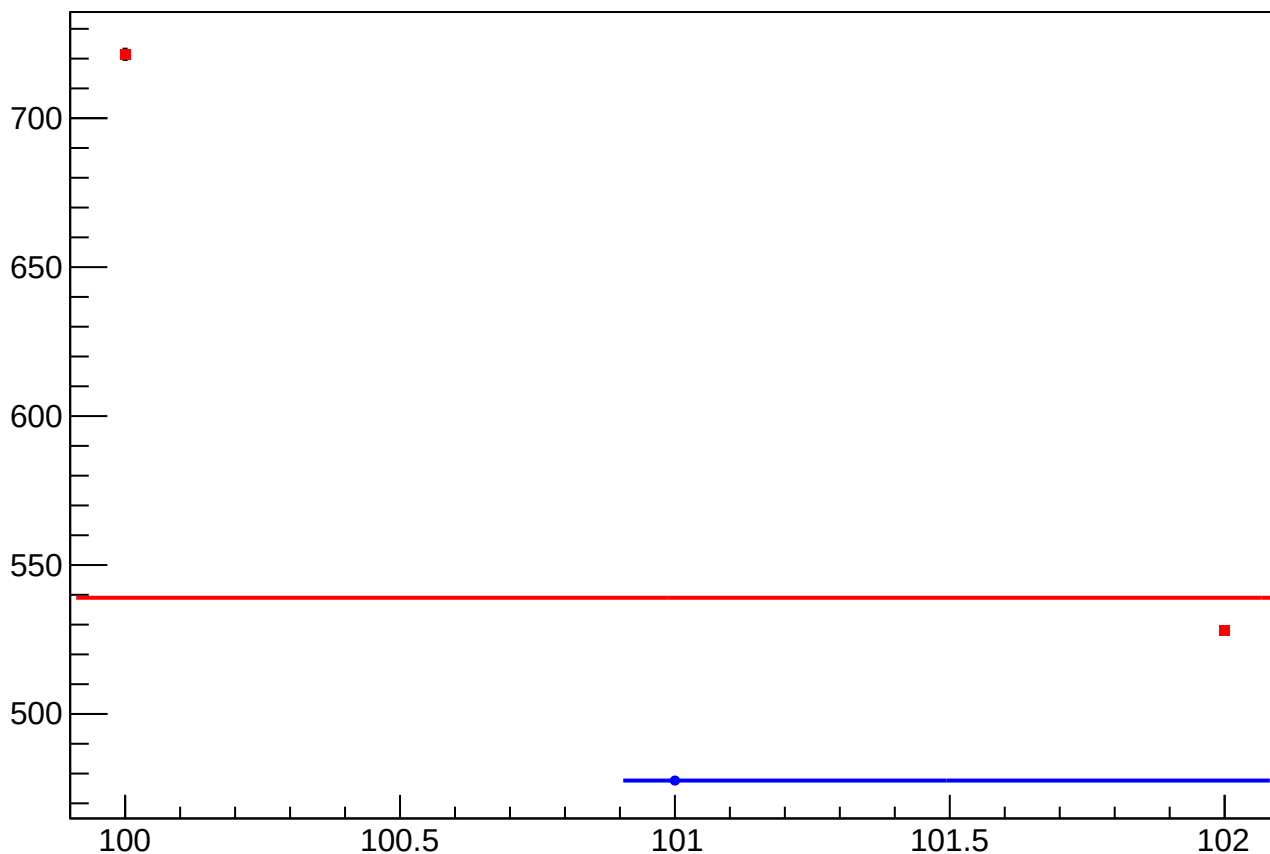
Right: 471.074+/-432.746 χ^2/NDF : 5.5/2

In: 1032.774+/-589.815 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 471.074+/-432.746 χ^2/NDF : 5.5/2

asym_sam_1357_2468_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 477.651+/-0.417 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 539.016+/-0.450 χ^2/NDF : 9819.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

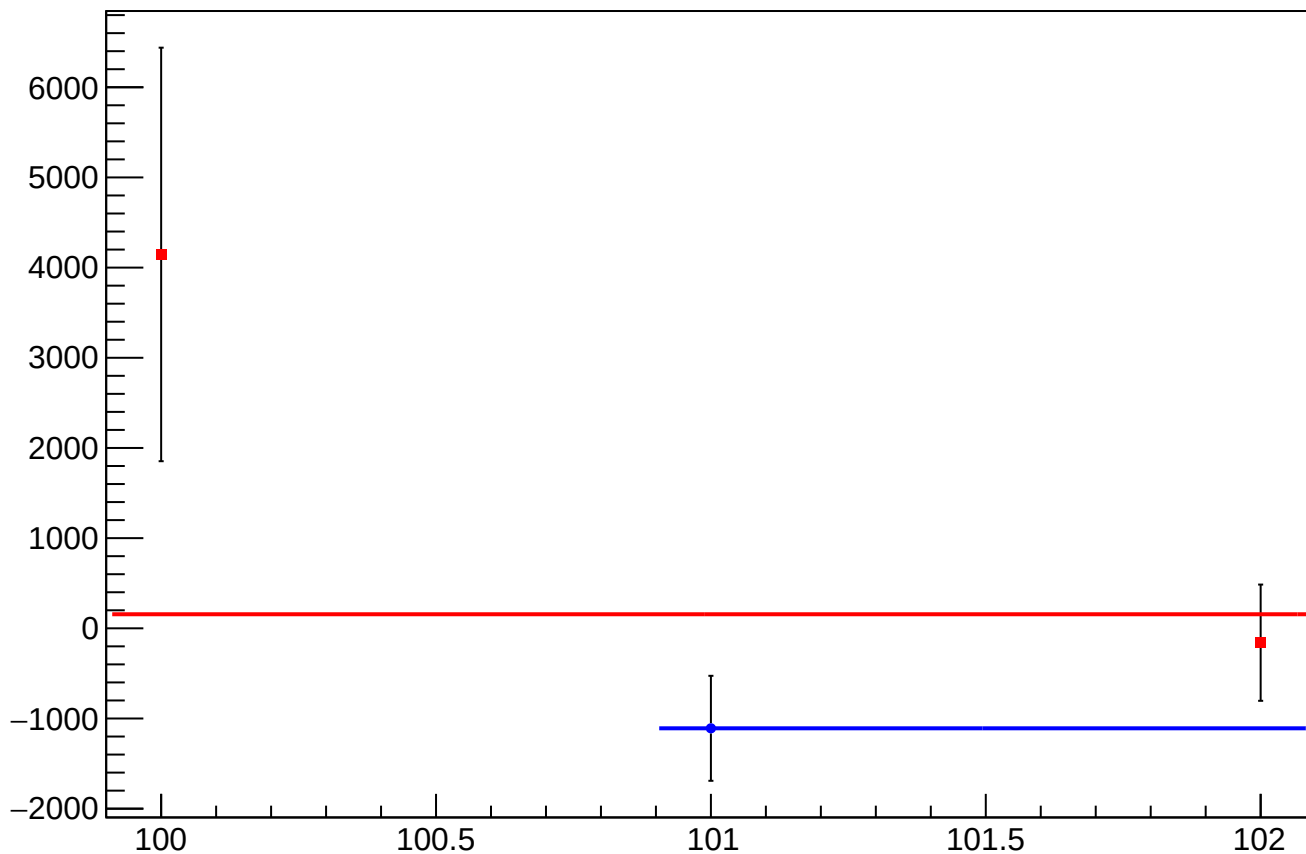
Right: 505.982+/-0.306 χ^2/NDF : 19814.4/2

In: 477.651+/-0.417 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 505.982+/-0.306 χ^2/NDF : 19814.4/2

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -1108.787+/-582.089 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.939+/-620.484 χ^2/NDF : 3.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

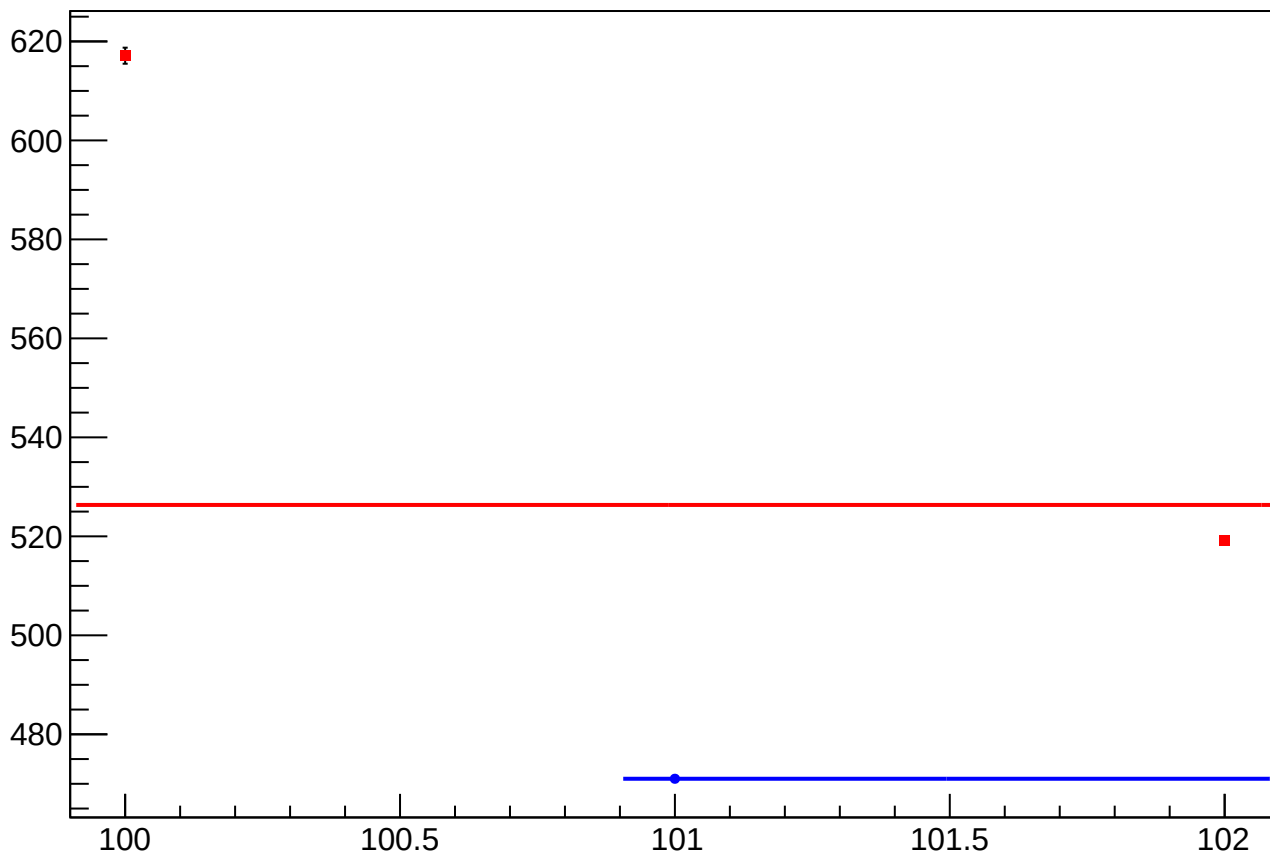
Right: -516.762+/-424.524 χ^2/NDF : 5.5/2

In: -1108.787+/-582.089 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -516.762+/-424.524 χ^2/NDF : 5.5/2

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 471.018+/-0.412 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 526.344+/-0.439 χ^2/NDF : 3382.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

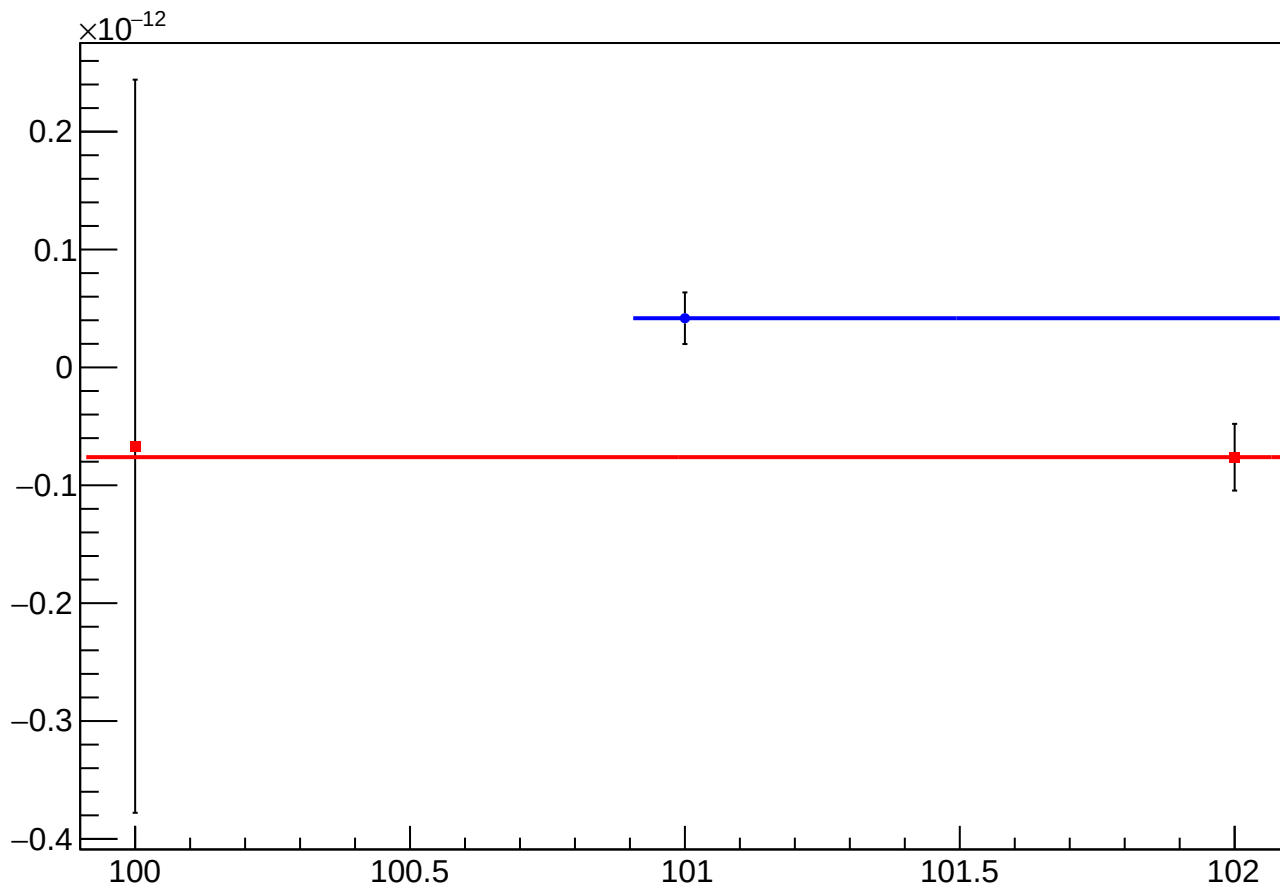
Right: 496.917+/-0.300 χ^2/NDF : 11839.9/2

In: 471.018+/-0.412 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 496.917+/-0.300 χ^2/NDF : 11839.9/2

asym_sam_1357_2468_dd_reg_vs_cor_diff_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 : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

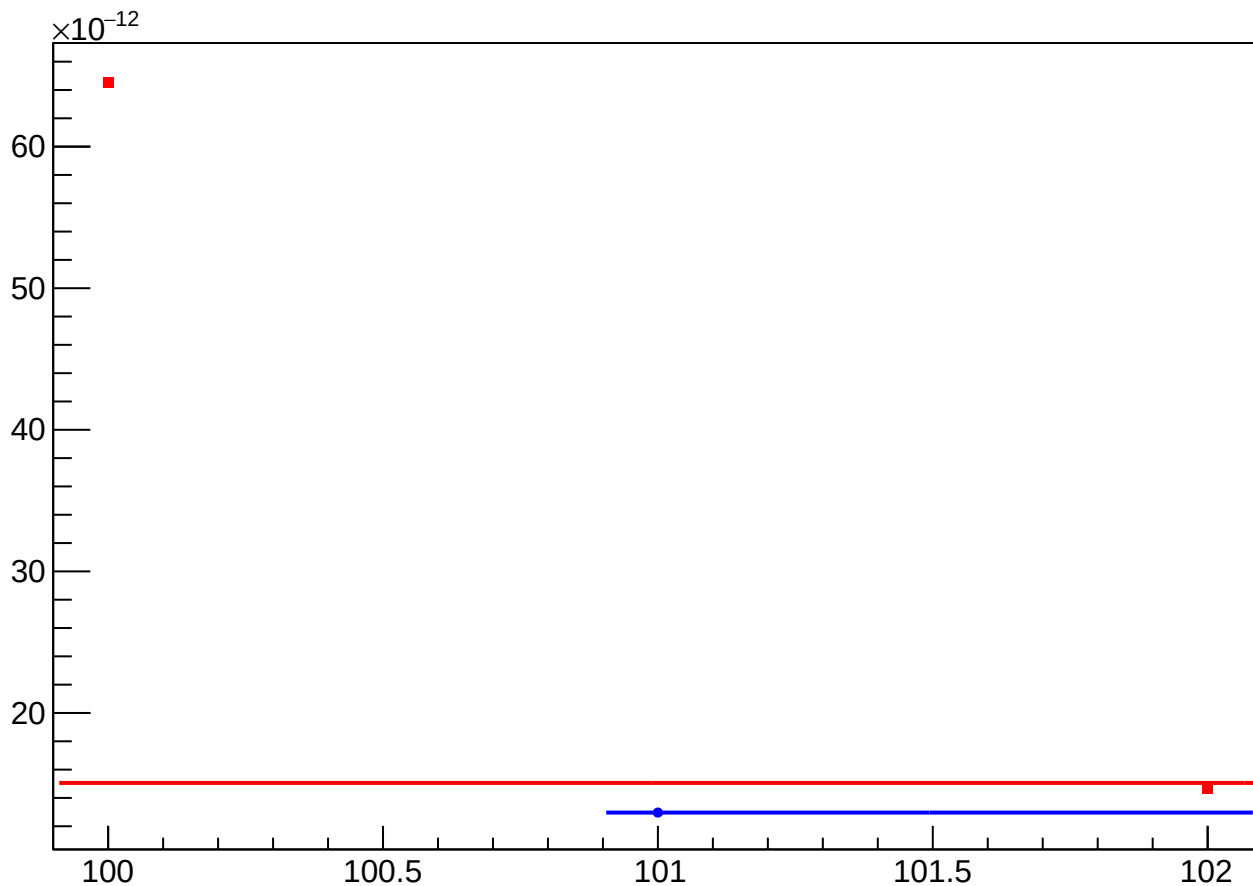
Right: -0.000+/-0.000 χ^2/NDF : 10.9/2

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 : 10.9/2

asym_sam_1357_2468_dd_reg_vs_cor_diff_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 : 50988.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

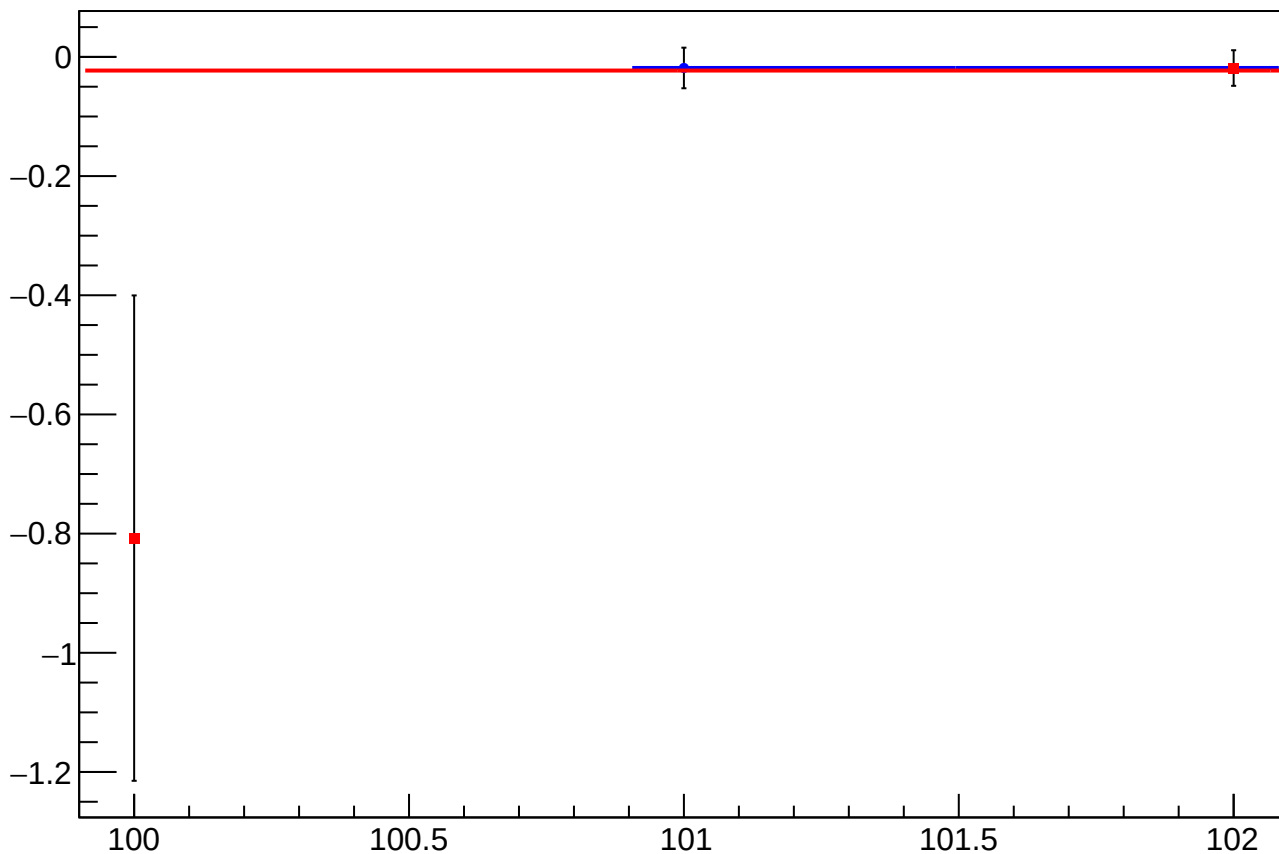
Right: 0.000+/-0.000 χ^2/NDF : 57875.9/2

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 : 57875.9/2

asym_sam_1357_2468_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.019+/-0.034 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.023+/-0.030 χ^2/NDF : 3.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

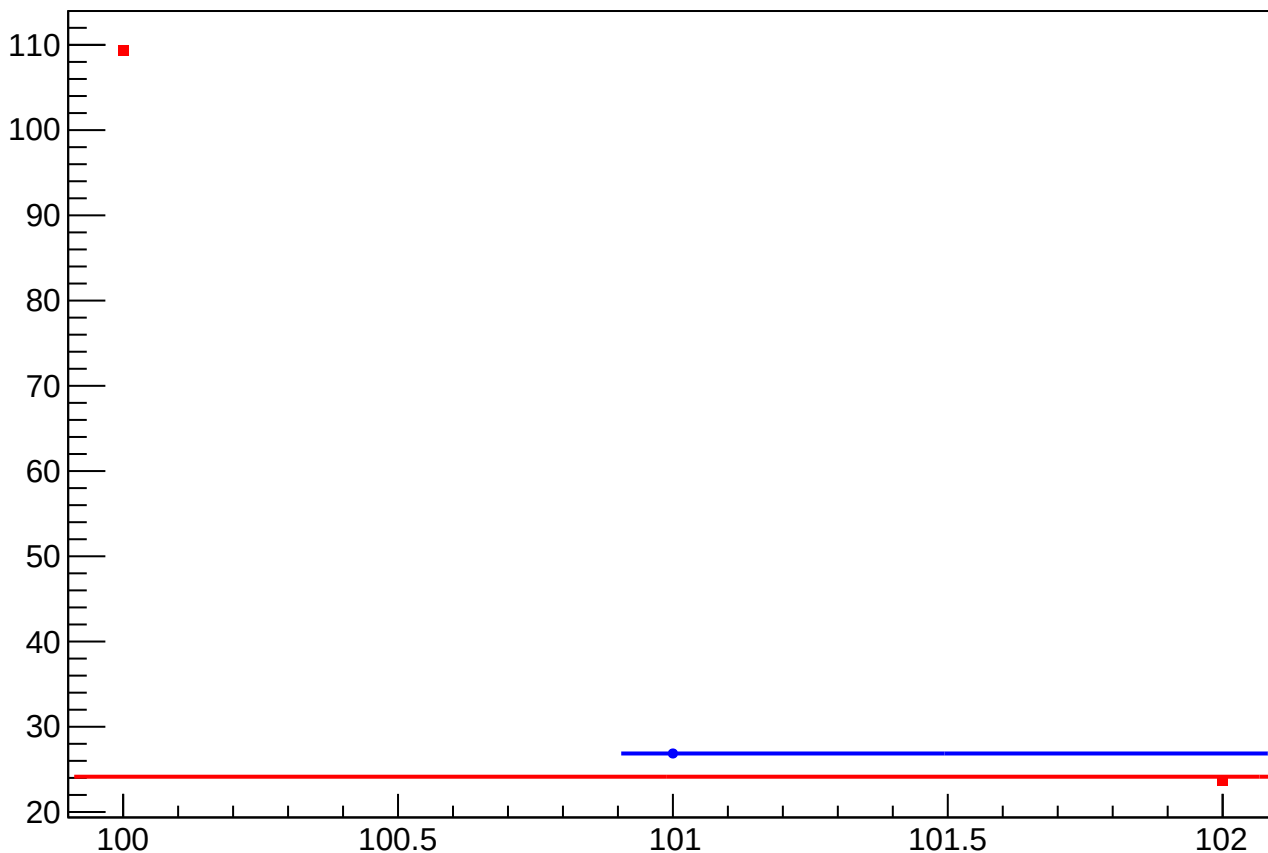
Right: -0.021+/-0.022 χ^2/NDF : 3.7/2

In: -0.019+/-0.034 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.021+/-0.022 χ^2/NDF : 3.7/2

asym_sam_1357_2468_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.865 $\pm$ 0.024 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 24.140 $\pm$ 0.021 χ^2 /NDF: 88086.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

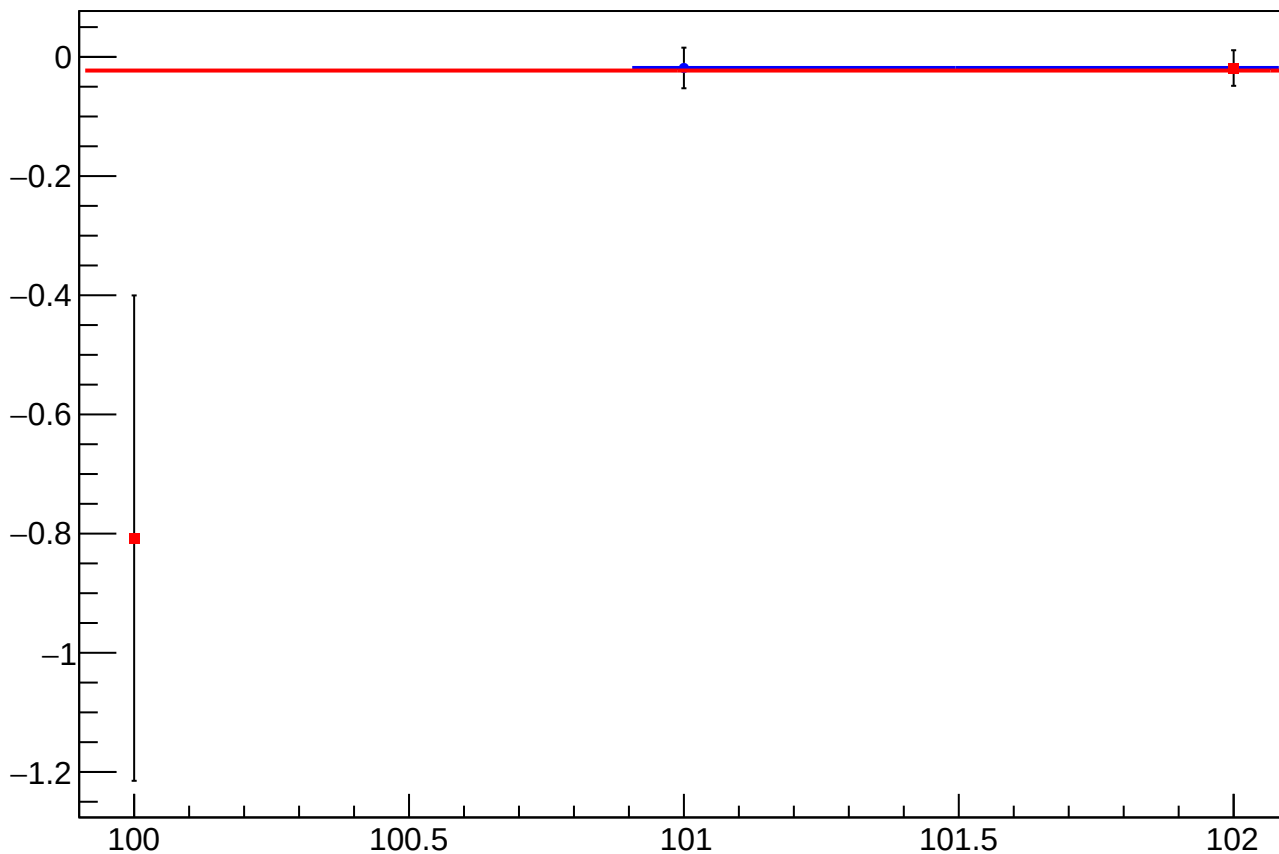
Right: 25.321 $\pm$ 0.016 χ^2 /NDF: 95338.6/2

In: 26.865 $\pm$ 0.024 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 25.321 $\pm$ 0.016 χ^2 /NDF: 95338.6/2

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.019+/-0.034 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.023+/-0.030 χ^2/NDF : 3.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

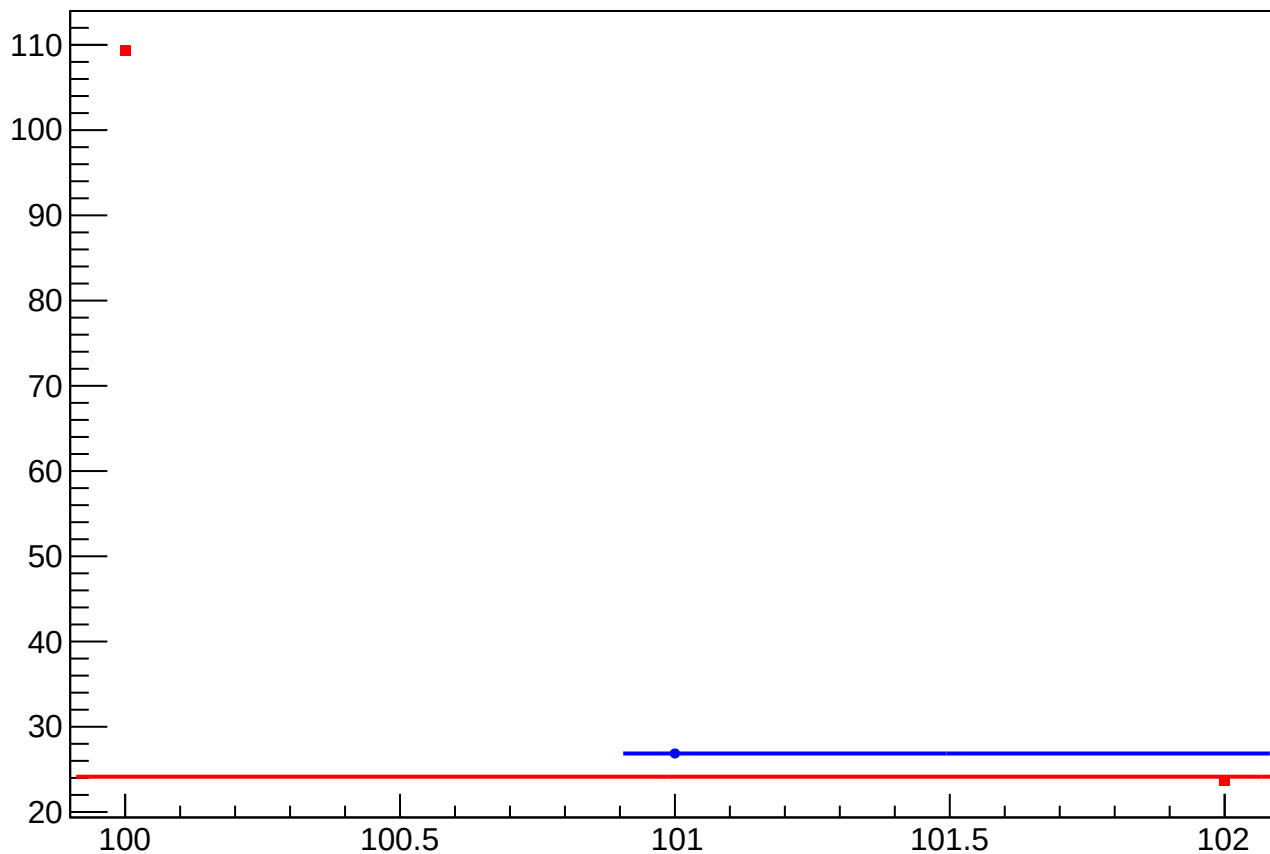
Right: -0.021+/-0.022 χ^2/NDF : 3.7/2

In: -0.019+/-0.034 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.021+/-0.022 χ^2/NDF : 3.7/2

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.865 $\pm$ 0.024 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 24.140 $\pm$ 0.021 χ^2 /NDF: 88086.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

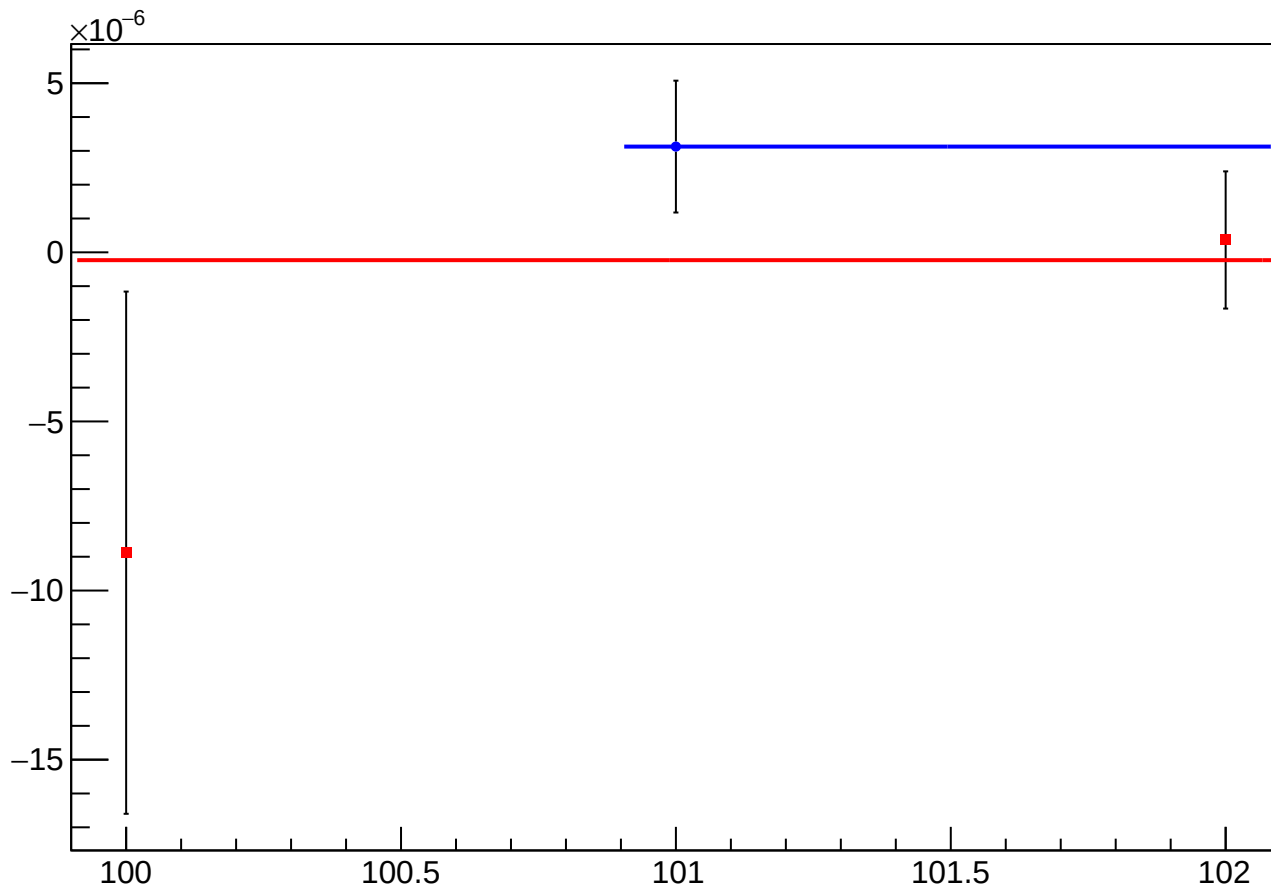
Right: 25.321 $\pm$ 0.016 χ^2 /NDF: 95338.6/2

In: 26.865 $\pm$ 0.024 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 25.321 $\pm$ 0.016 χ^2 /NDF: 95338.6/2

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

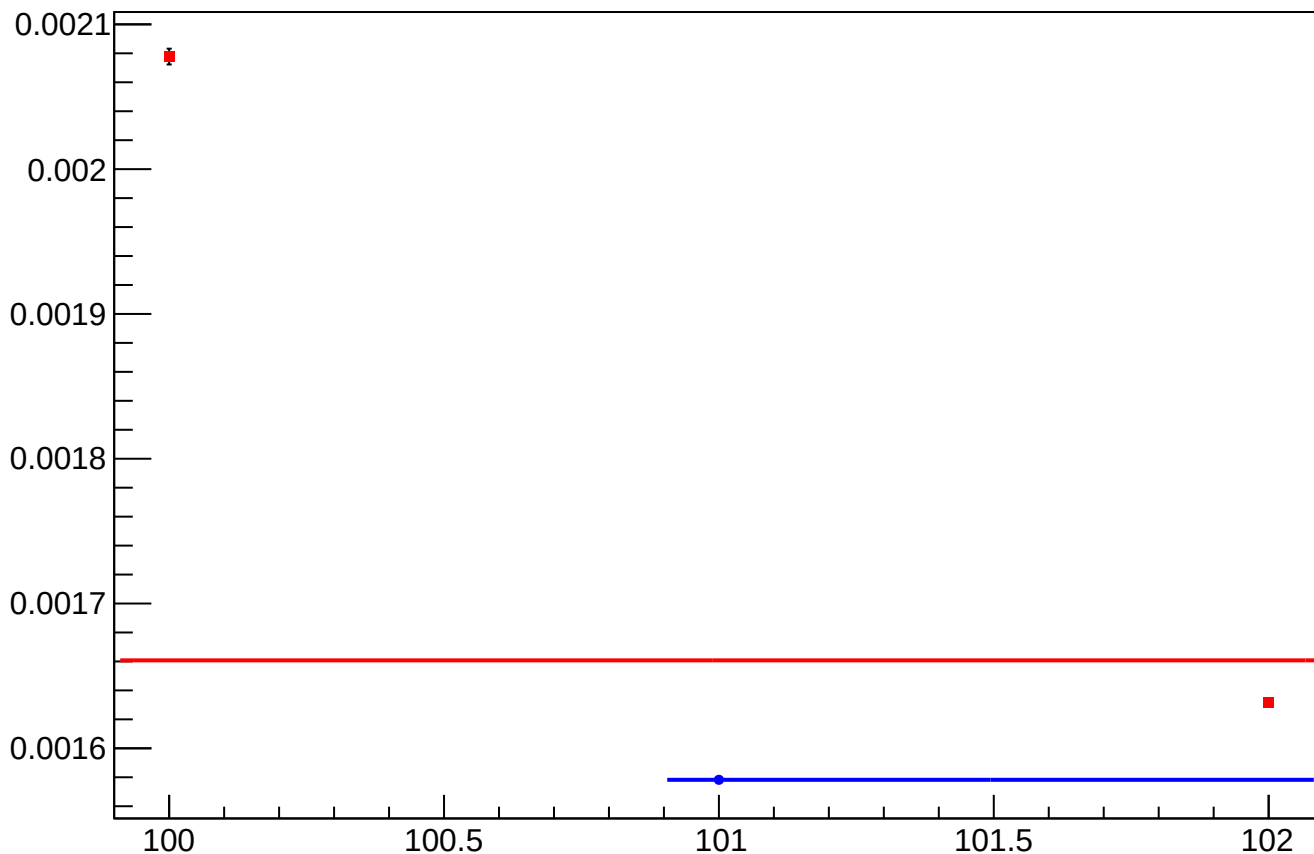
Right: 0.000+/-0.000 χ^2/NDF : 2.8/2

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 : 2.8/2

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 6238.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

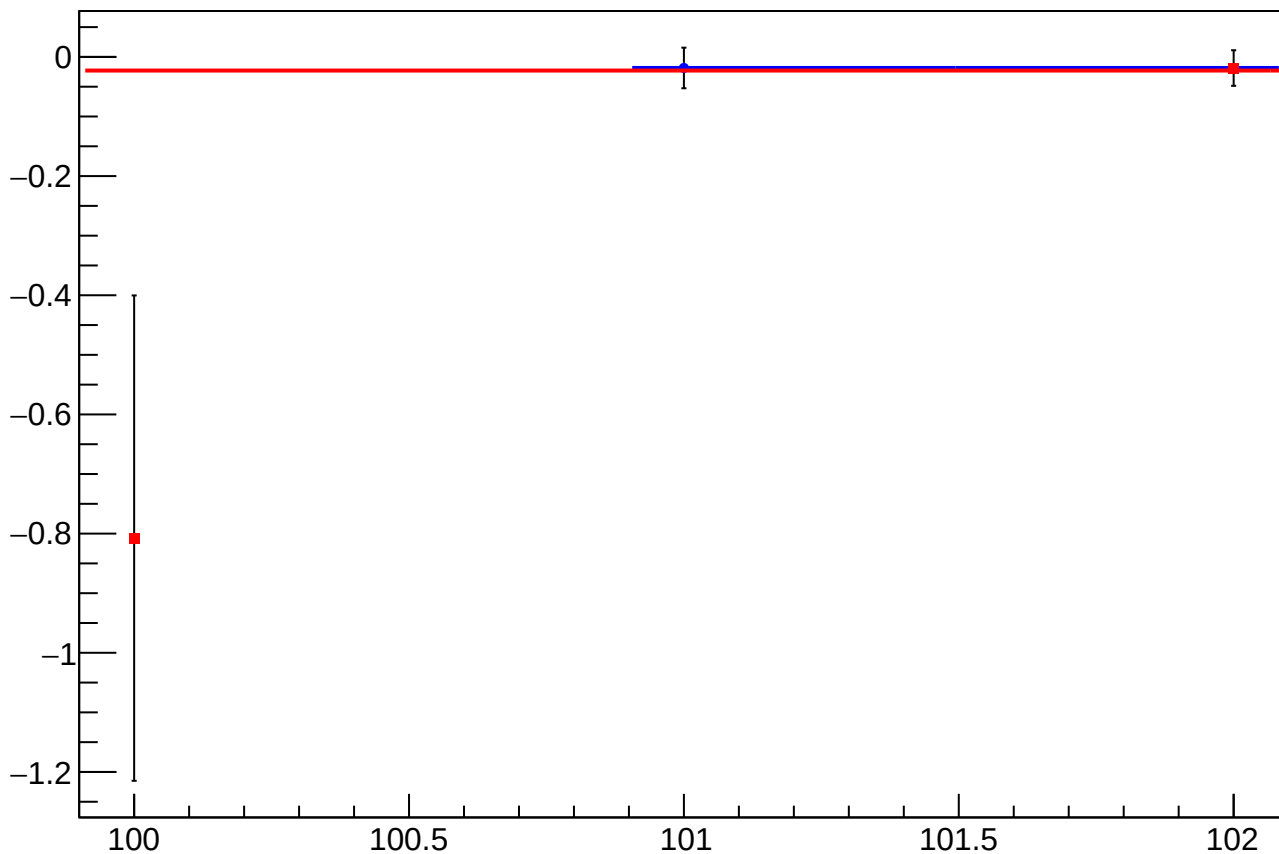
Right: 0.002 $\pm$ 0.000 χ^2 /NDF: 8018.3/2

In: 0.002 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 8018.3/2

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.019+/-0.034 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.023+/-0.030 χ^2/NDF : 3.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

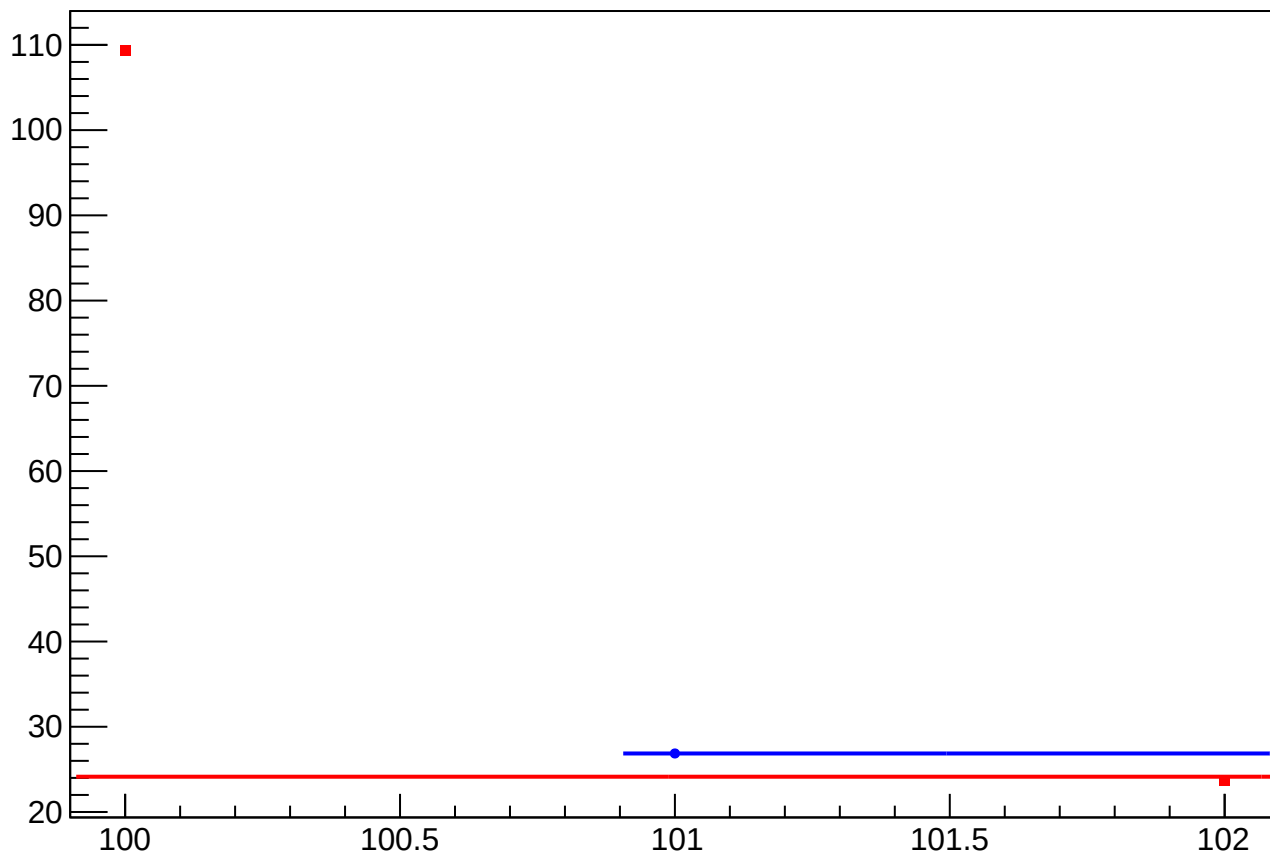
Right: -0.021+/-0.022 χ^2/NDF : 3.7/2

In: -0.019+/-0.034 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.021+/-0.022 χ^2/NDF : 3.7/2

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.865 $\pm$ 0.024 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 24.139 $\pm$ 0.021 χ^2 /NDF: 88087.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

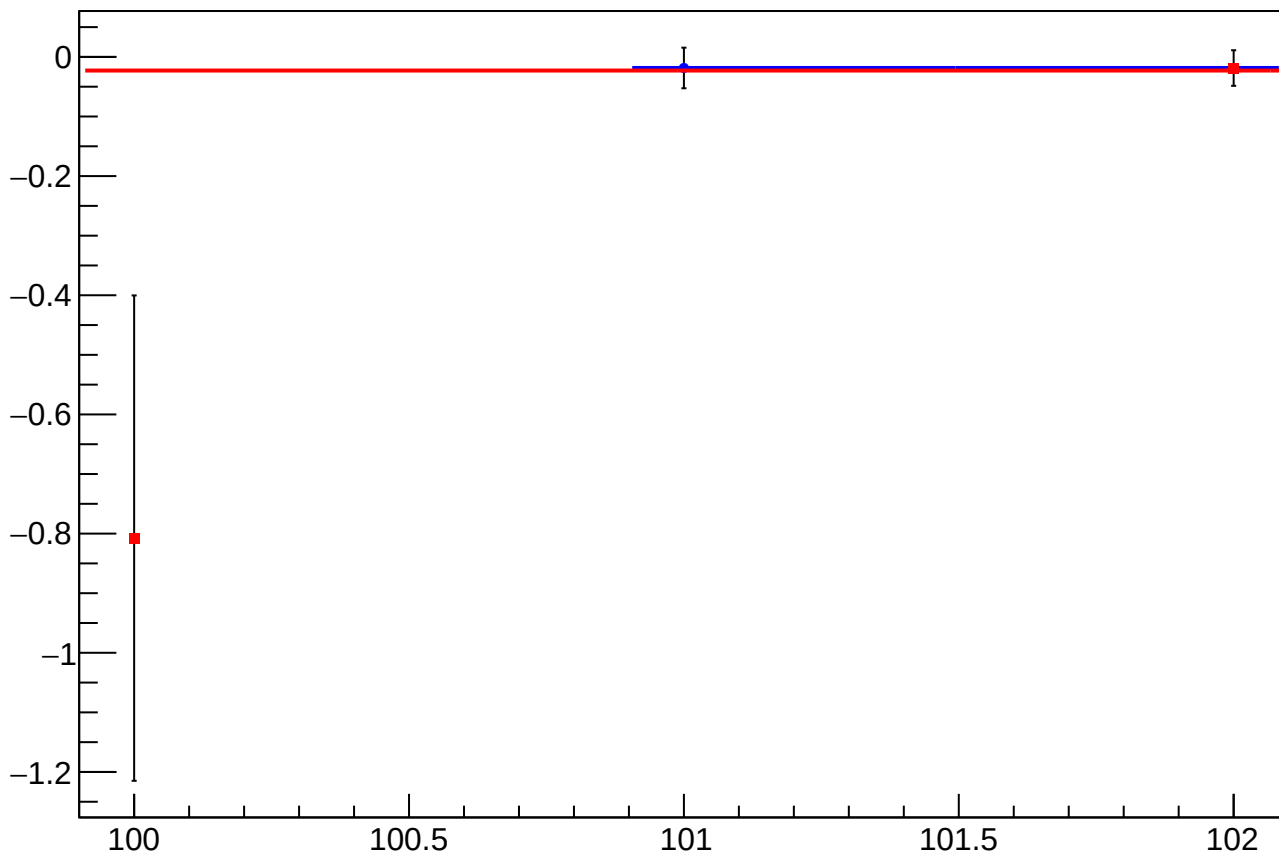
Right: 25.320 $\pm$ 0.016 χ^2 /NDF: 95346.6/2

In: 26.865 $\pm$ 0.024 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 25.320 $\pm$ 0.016 χ^2 /NDF: 95346.6/2

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.019+/-0.034 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.023+/-0.030 χ^2/NDF : 3.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

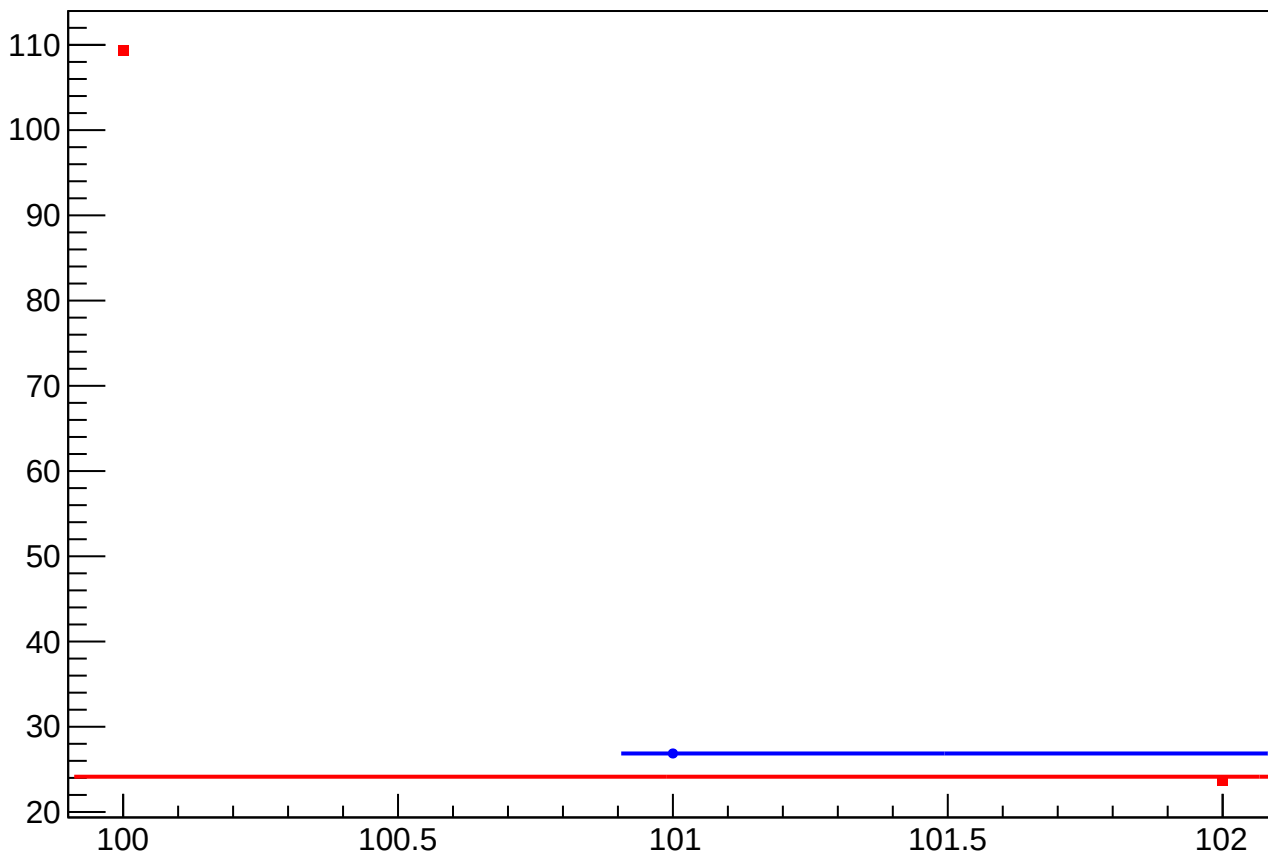
Right: -0.021+/-0.022 χ^2/NDF : 3.7/2

In: -0.019+/-0.034 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.021+/-0.022 χ^2/NDF : 3.7/2

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.865 $\pm$ 0.024 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 24.139 $\pm$ 0.021 χ^2 /NDF: 88087.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

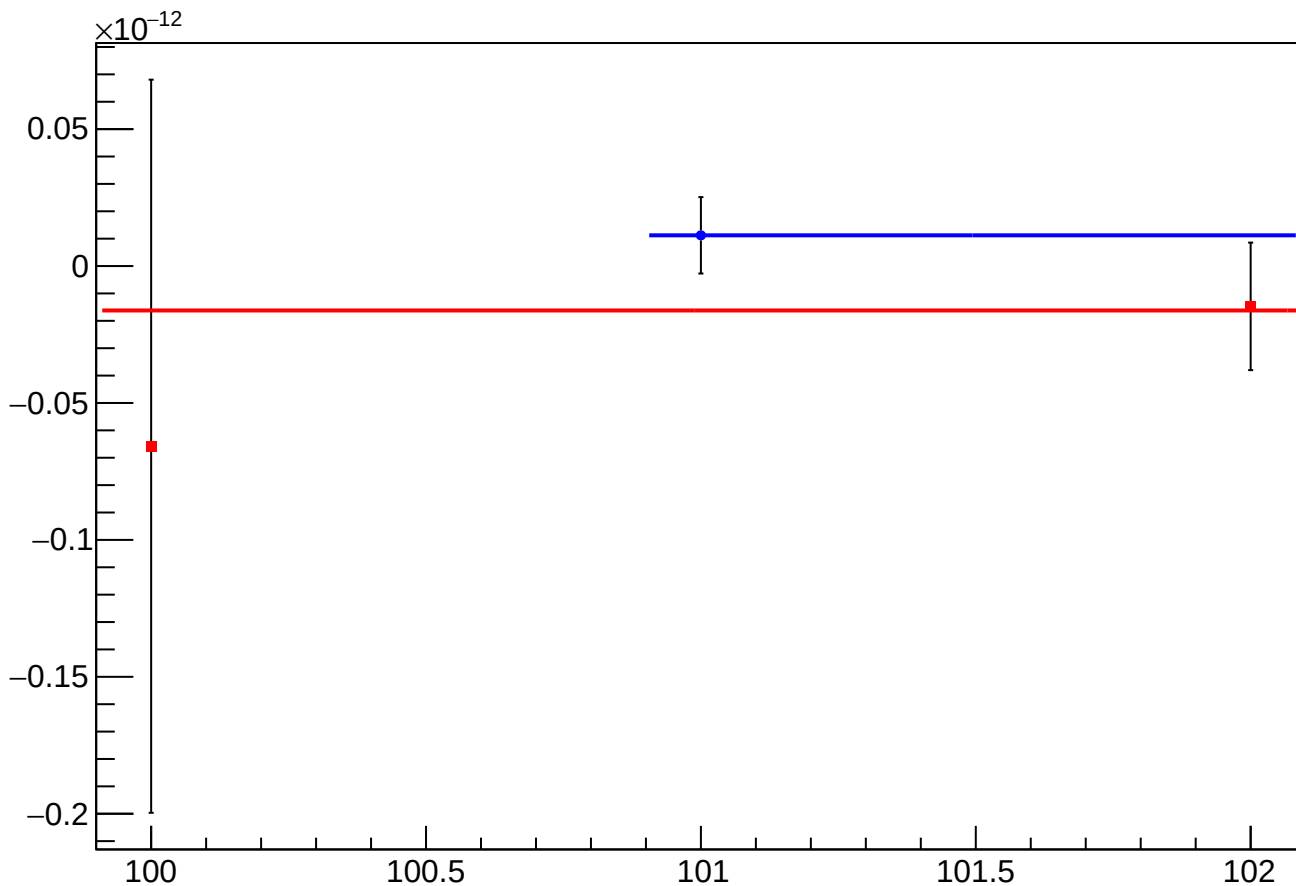
Right: 25.320 $\pm$ 0.016 χ^2 /NDF: 95346.6/2

In: 26.865 $\pm$ 0.024 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 25.320 $\pm$ 0.016 χ^2 /NDF: 95346.6/2

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_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 : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

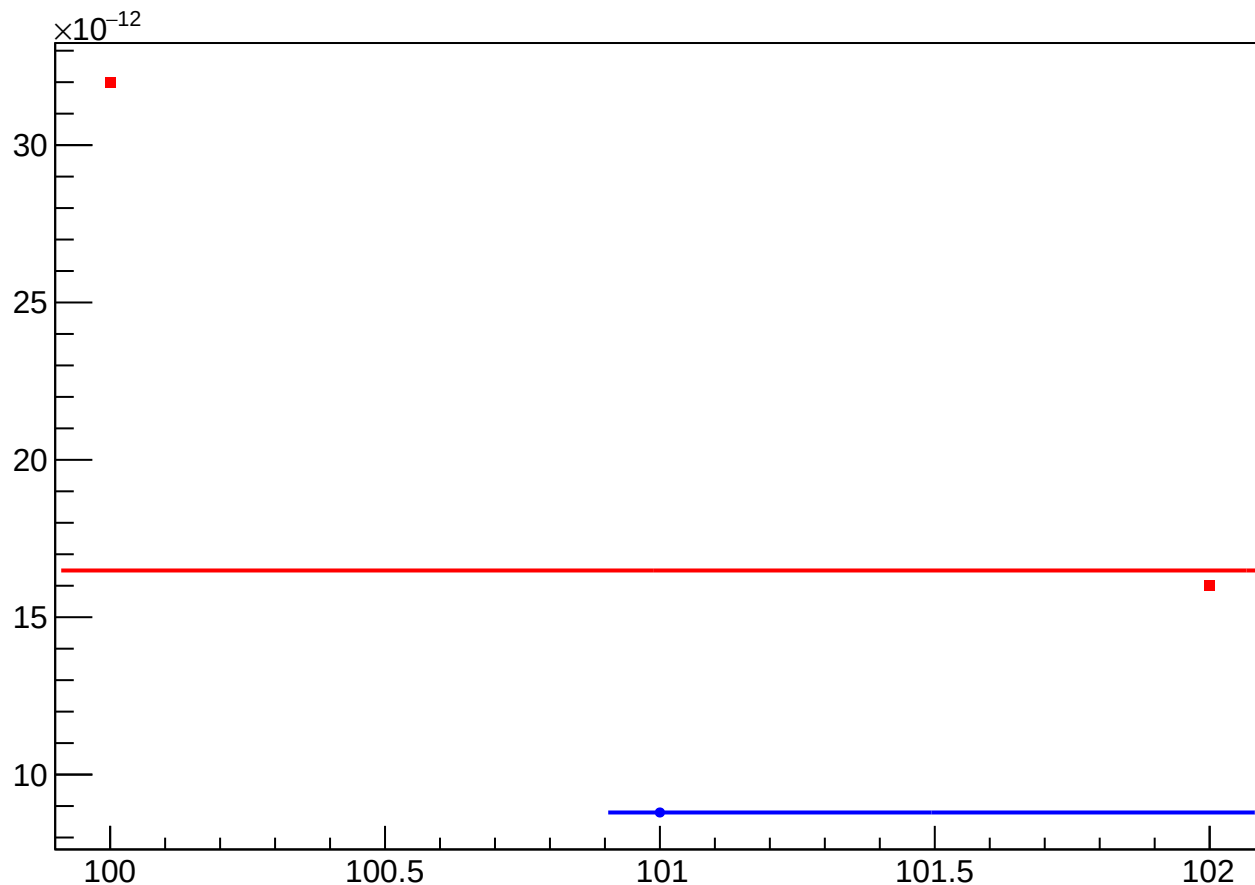
Right: 0.000+/-0.000 χ^2/NDF : 1.2/2

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 : 1.2/2

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_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 : 27629.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

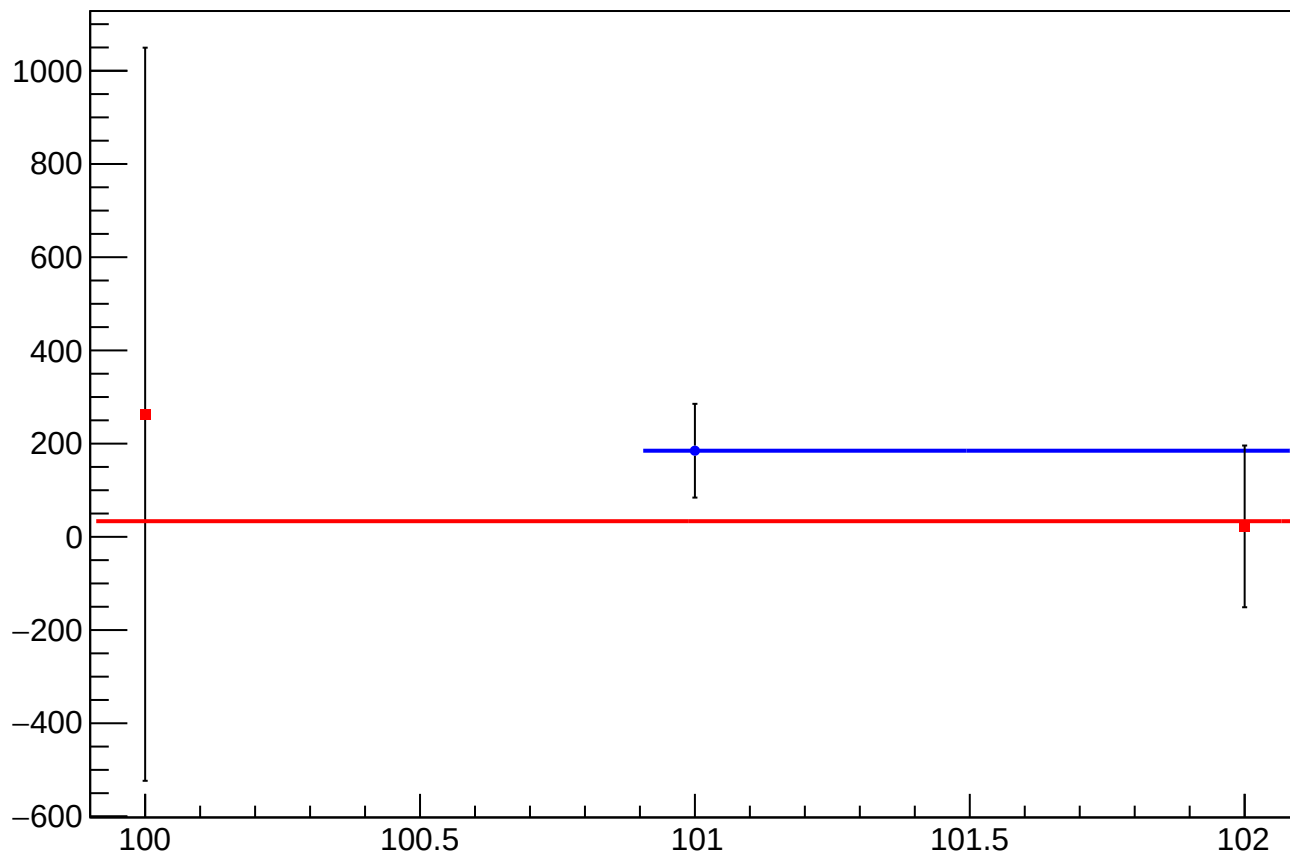
Right: 0.000+/-0.000 χ^2/NDF : 191683.5/2

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 : 191683.5/2

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 184.795+/-100.577 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.587+/-169.425 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

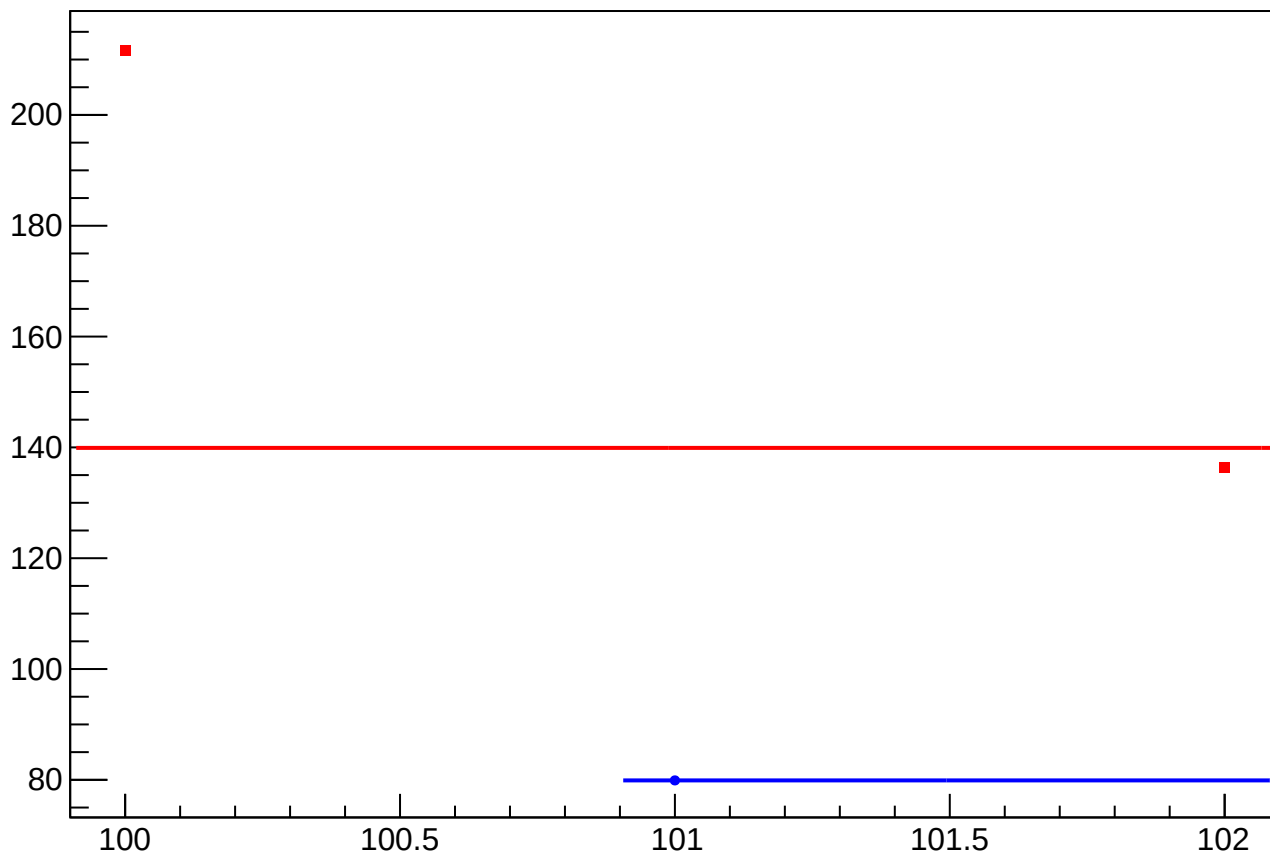
Right: 145.394+/-86.486 χ^2/NDF : 0.7/2

In: 184.795+/-100.577 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.394+/-86.486 χ^2/NDF : 0.7/2

reg_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.899 $\pm$ 0.071 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 139.909 $\pm$ 0.120 χ^2 /NDF: 17418.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

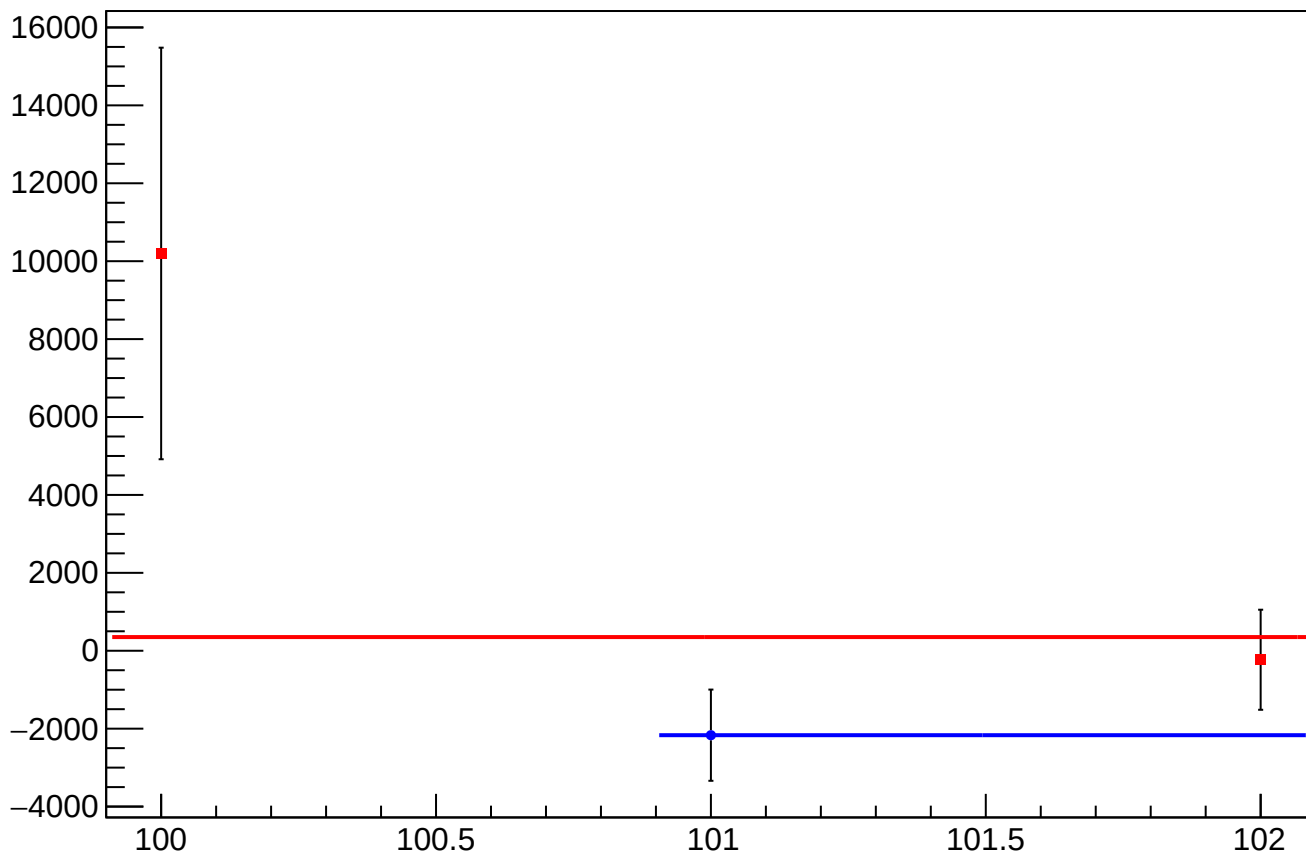
Right: 95.536 $\pm$ 0.061 χ^2 /NDF: 202949.3/2

In: 79.899 $\pm$ 0.071 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 95.536 $\pm$ 0.061 χ^2 /NDF: 202949.3/2

asym_sam_12345678_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -2167.491+/-1170.751 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 351.220+/-1247.998 χ^2/NDF : 3.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

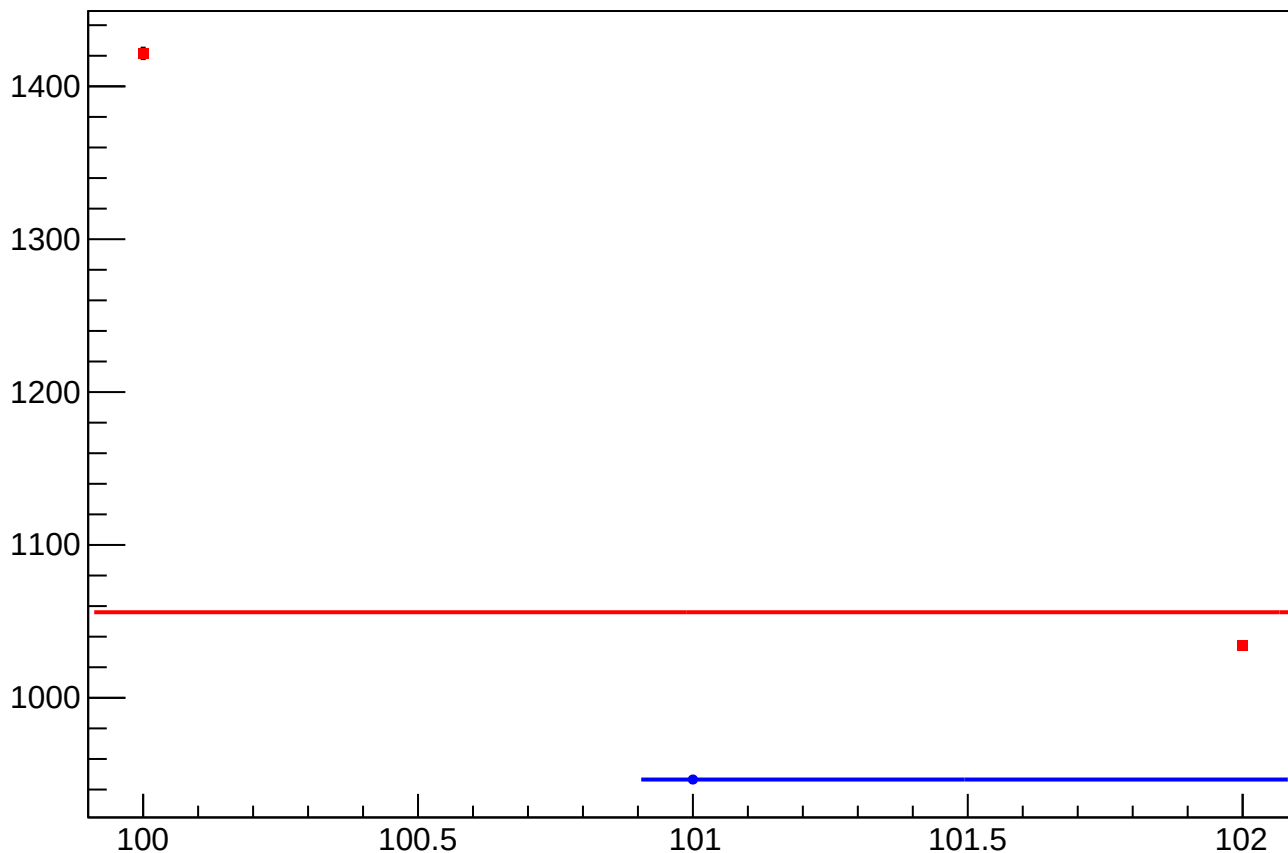
Right: -988.493+/-853.849 χ^2/NDF : 5.8/2

In: -2167.491+/-1170.751 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -988.493+/-853.849 χ^2/NDF : 5.8/2

asym_sam_12345678_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 946.549 $\pm$ 0.828 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1055.983 $\pm$ 0.882 χ^2 /NDF: 10144.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

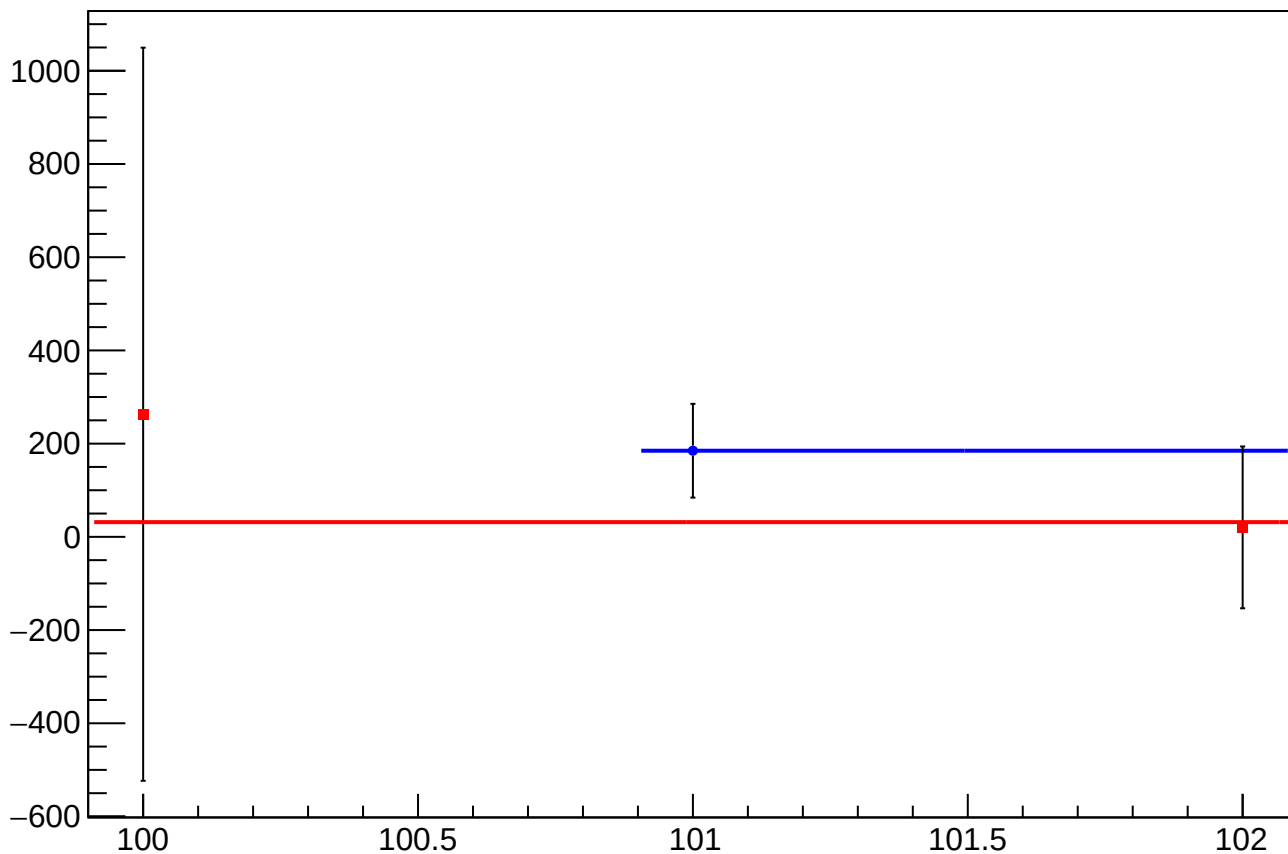
Right: 997.775 $\pm$ 0.604 χ^2 /NDF: 18324.5/2

In: 946.549 $\pm$ 0.828 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 997.775 $\pm$ 0.604 χ^2 /NDF: 18324.5/2

cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 184.790+/-100.577 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.589+/-169.513 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

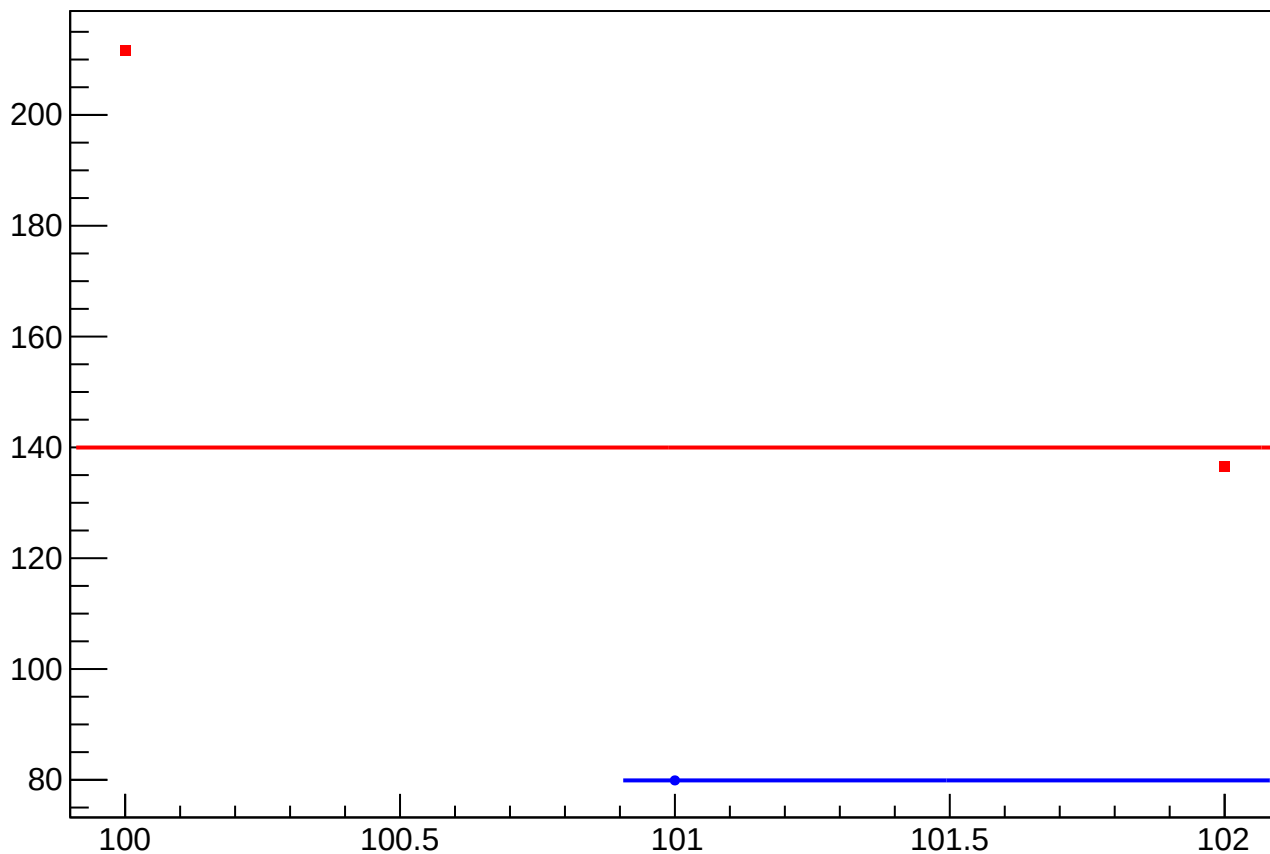
Right: 144.900+/-86.497 χ^2/NDF : 0.7/2

In: 184.790+/-100.577 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.900+/-86.497 χ^2/NDF : 0.7/2

cor_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.899 $\pm$ 0.071 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 139.977 $\pm$ 0.120 χ^2 /NDF: 17386.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

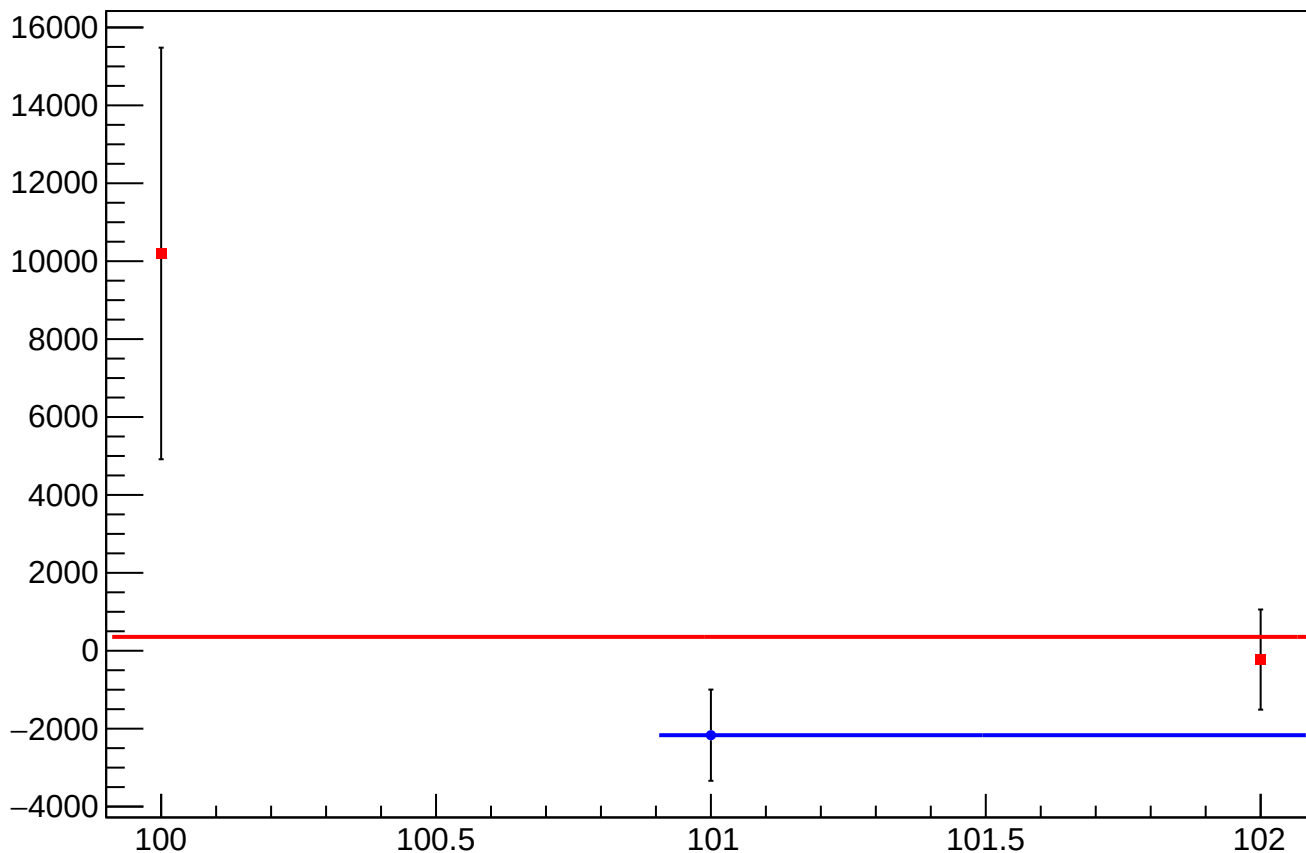
Right: 95.541 $\pm$ 0.061 χ^2 /NDF: 203195.1/2

In: 79.899 $\pm$ 0.071 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 95.541 $\pm$ 0.061 χ^2 /NDF: 203195.1/2

asym_sam_12345678_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -2167.481+/-1170.752 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 356.032+/-1248.800 χ^2 /NDF: 3.7/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

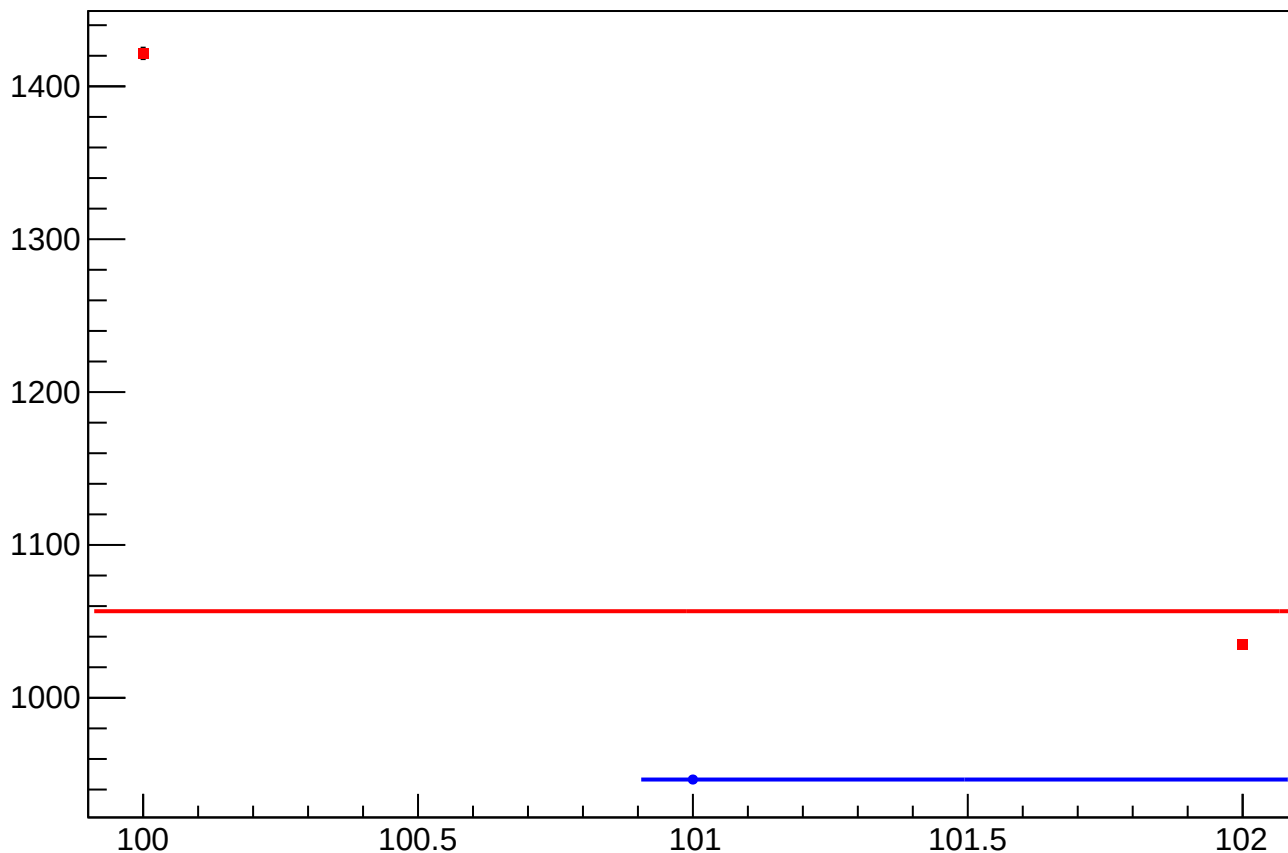
Right: -987.041+/-854.106 χ^2 /NDF: 5.9/2

In: -2167.481+/-1170.752 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -987.041+/-854.106 χ^2 /NDF: 5.9/2

asym_sam_12345678_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 946.550 $\pm$ 0.828 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1056.660 $\pm$ 0.883 χ^2 /NDF: 10108.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

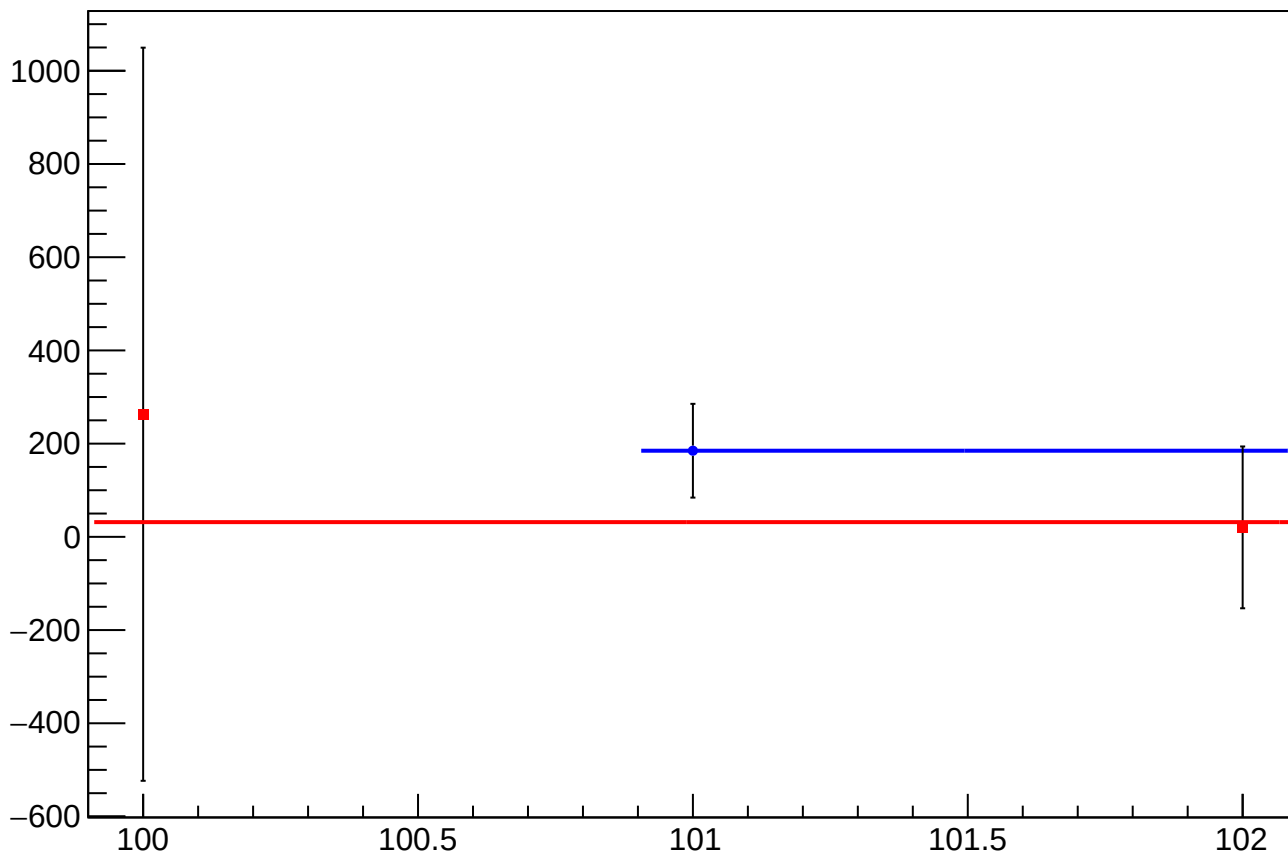
Right: 998.057 $\pm$ 0.604 χ^2 /NDF: 18383.4/2

In: 946.550 $\pm$ 0.828 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 998.057 $\pm$ 0.604 χ^2 /NDF: 18383.4/2

eigen_cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 184.790 +/- 100.577 χ^2/NDF : 0.0/0

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 31.589 +/- 169.513 χ^2/NDF : 0.1/1

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

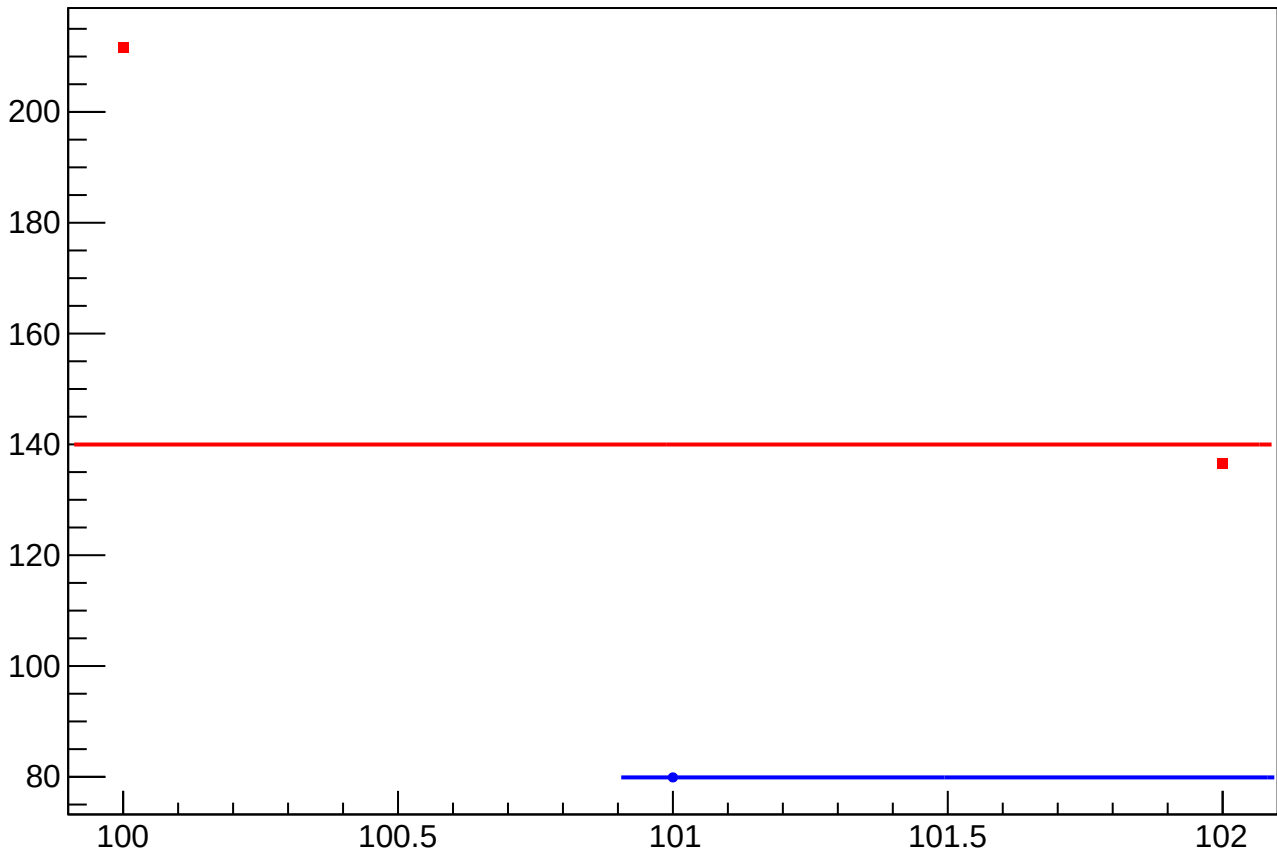
Right: 144.900 +/- 86.497 χ^2/NDF : 0.7/2

In: 184.790 +/- 100.577 χ^2/NDF : 0.0/0

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 144.900 +/- 86.497 χ^2/NDF : 0.7/2

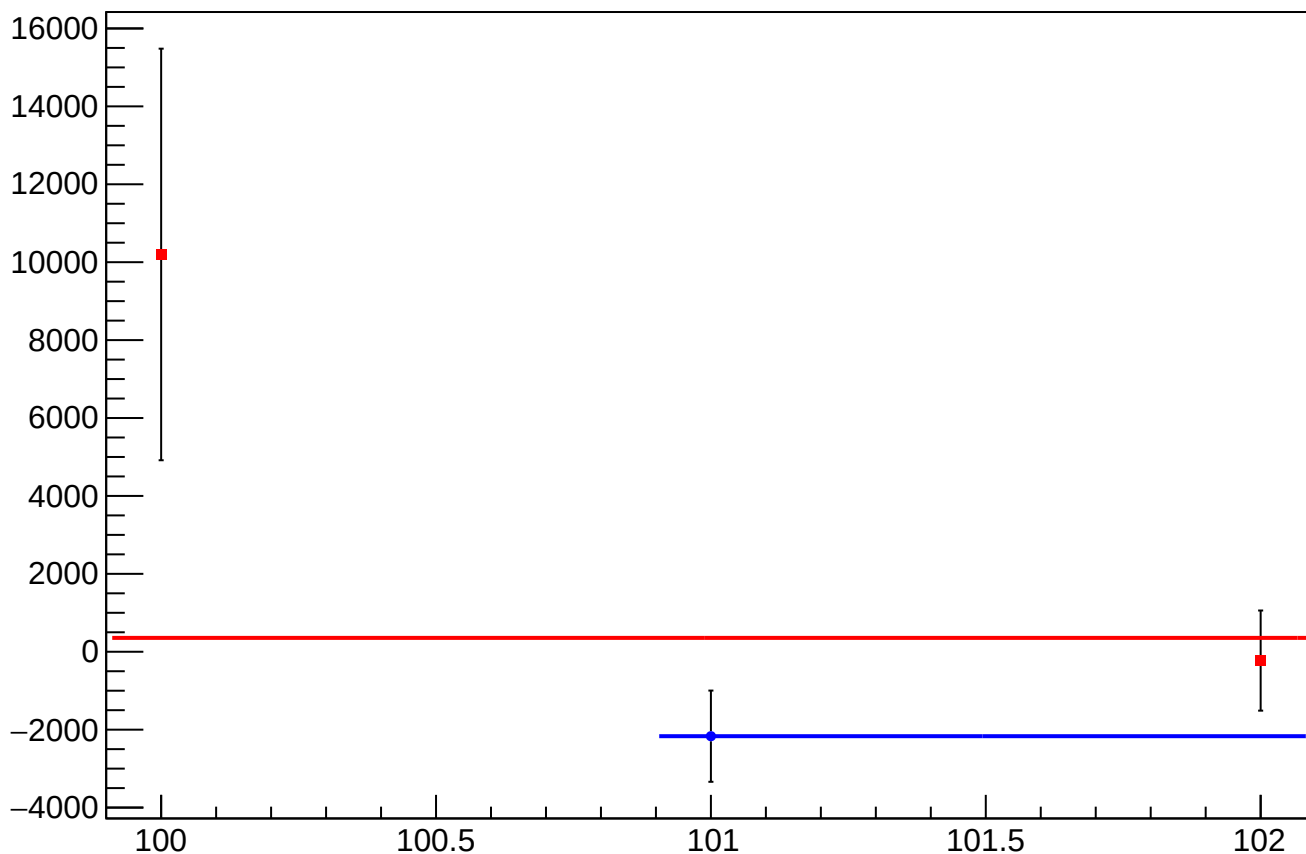
eigen_cor_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.899+/-0.071 χ^2 /NDF: 0.0/0
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
Right Out: 139.977+/-0.120 χ^2 /NDF: 17386.1/1
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Right: 95.541+/-0.061 χ^2 /NDF: 203195.1/2
In: 79.899+/-0.071 χ^2 /NDF:0.0/0
Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
All: 95.541+/-0.061 χ^2 /NDF: 203195.1/2

asym_sam_12345678_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -2167.481+/-1170.752 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 356.032+/-1248.800 χ^2 /NDF: 3.7/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

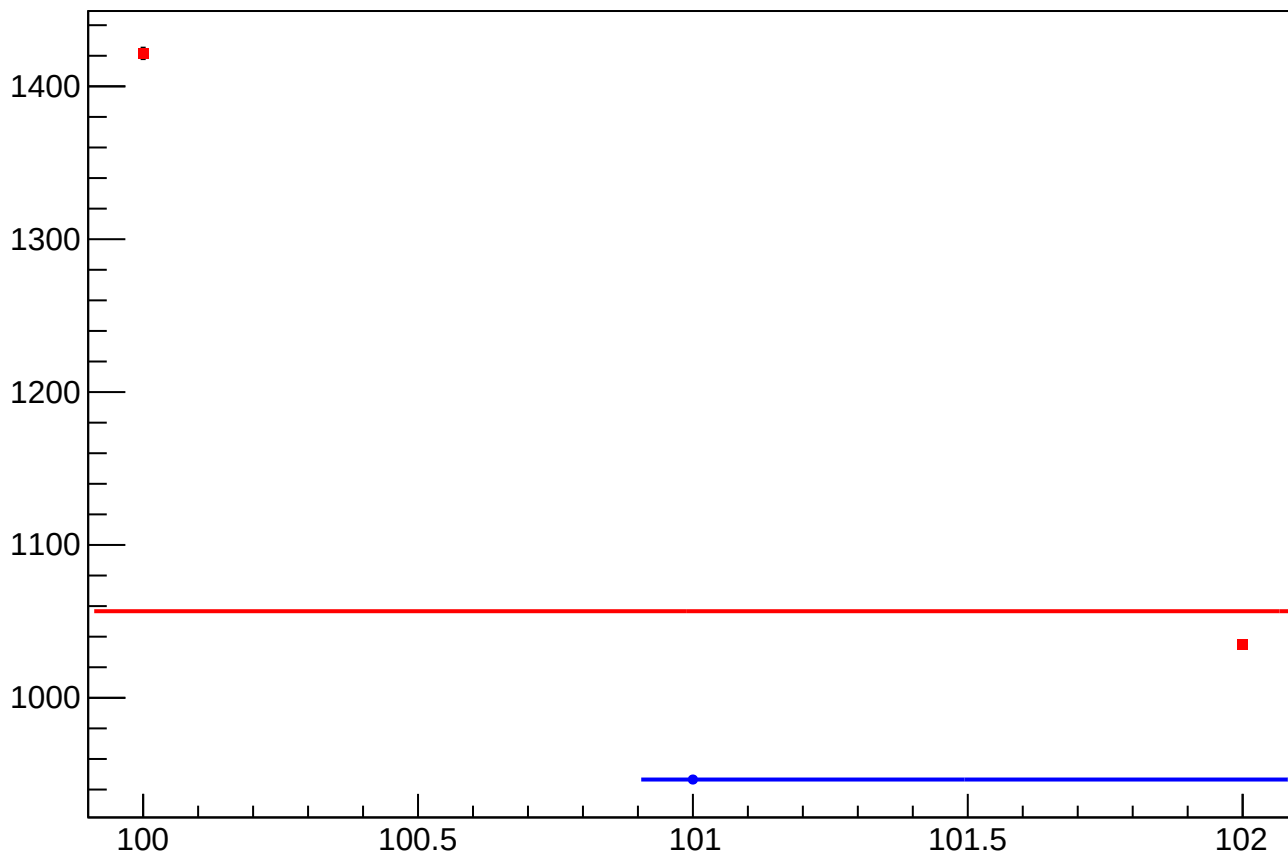
Right: -987.041+/-854.106 χ^2 /NDF: 5.9/2

In: -2167.481+/-1170.752 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -987.041+/-854.106 χ^2 /NDF: 5.9/2

asym_sam_12345678_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 946.550 $\pm$ 0.828 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1056.660 $\pm$ 0.883 χ^2 /NDF: 10108.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

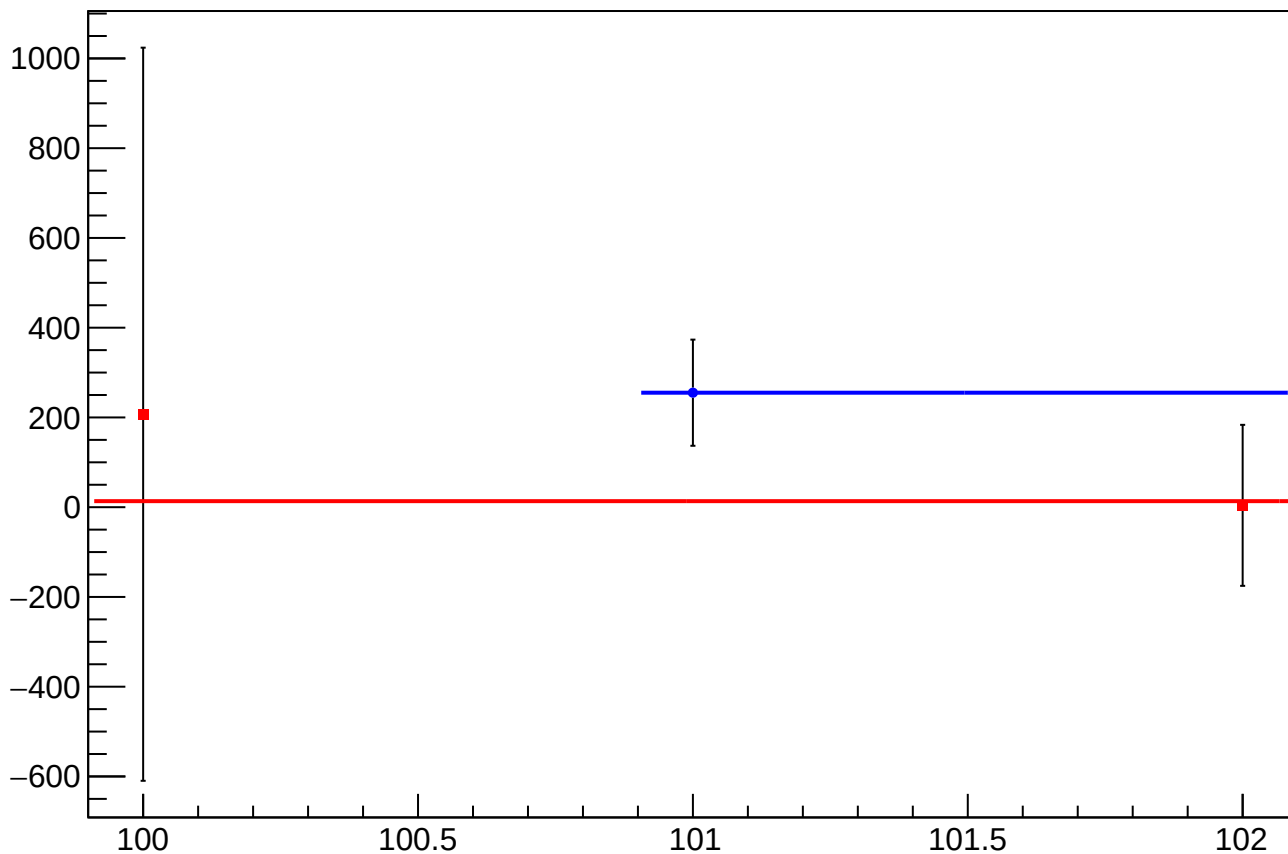
Right: 998.057 $\pm$ 0.604 χ^2 /NDF: 18383.4/2

In: 946.550 $\pm$ 0.828 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 998.057 $\pm$ 0.604 χ^2 /NDF: 18383.4/2

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 255.133+/-118.275 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 13.465+/-175.213 χ^2 /NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

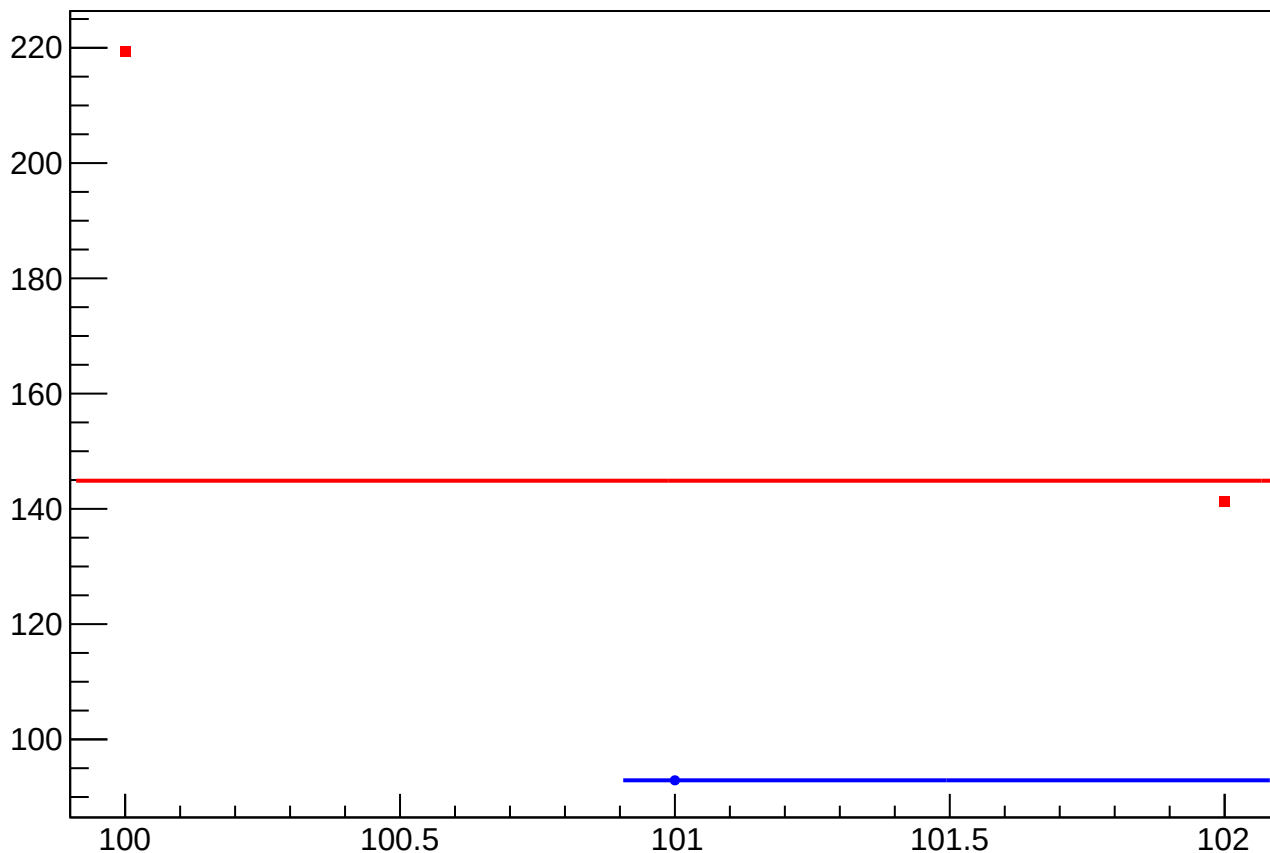
Right: 179.483+/-98.031 χ^2 /NDF: 1.4/2

In: 255.133+/-118.275 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 179.483+/-98.031 χ^2 /NDF: 1.4/2

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 92.898 $\pm$ 0.084 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 144.883 $\pm$ 0.124 χ^2 /NDF: 17470.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

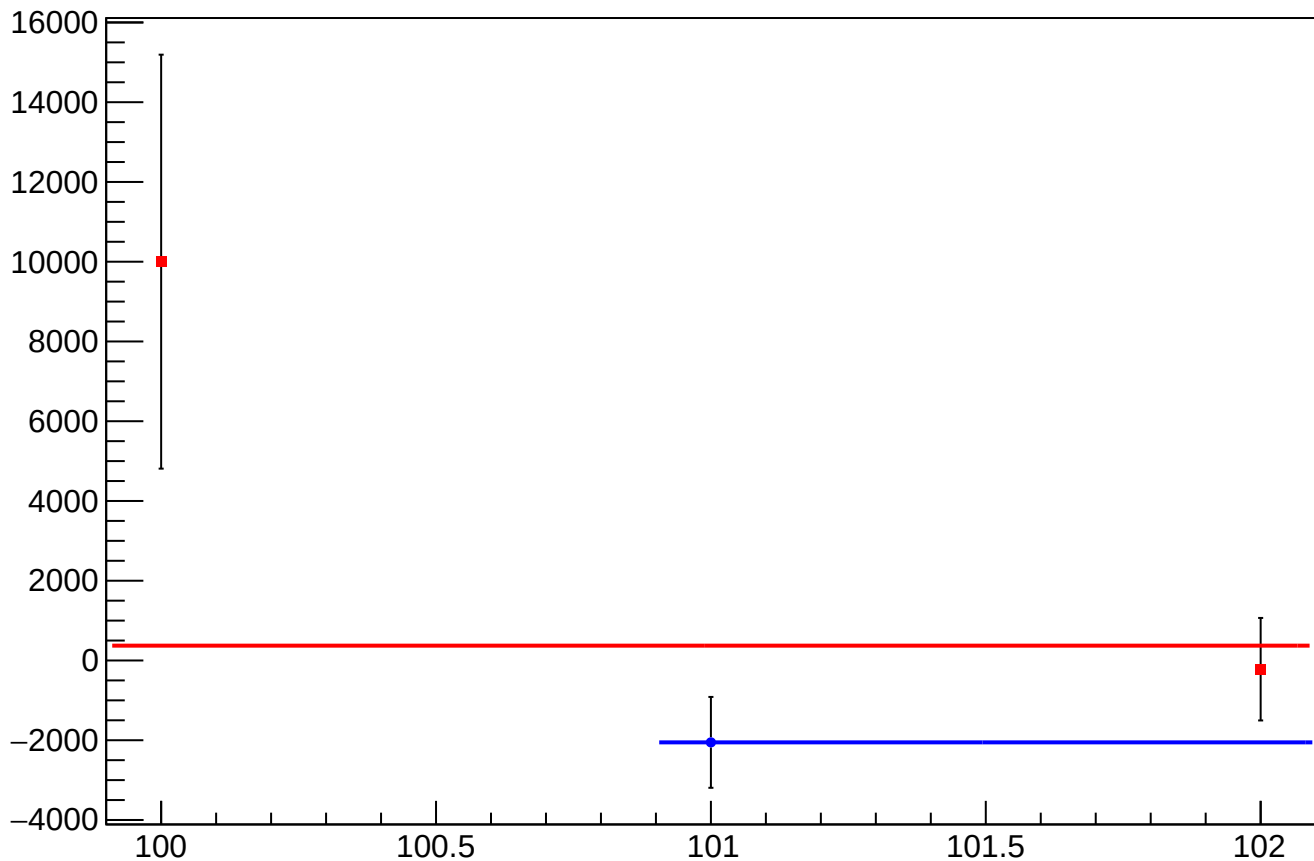
Right: 109.171 $\pm$ 0.069 χ^2 /NDF: 138419.5/2

In: 92.898 $\pm$ 0.084 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 109.171 $\pm$ 0.069 χ^2 /NDF: 138419.5/2

asym_sam_12345678_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -2053.504+/-1139.308 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 371.878+/-1247.660 χ^2 /NDF: 3.7/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

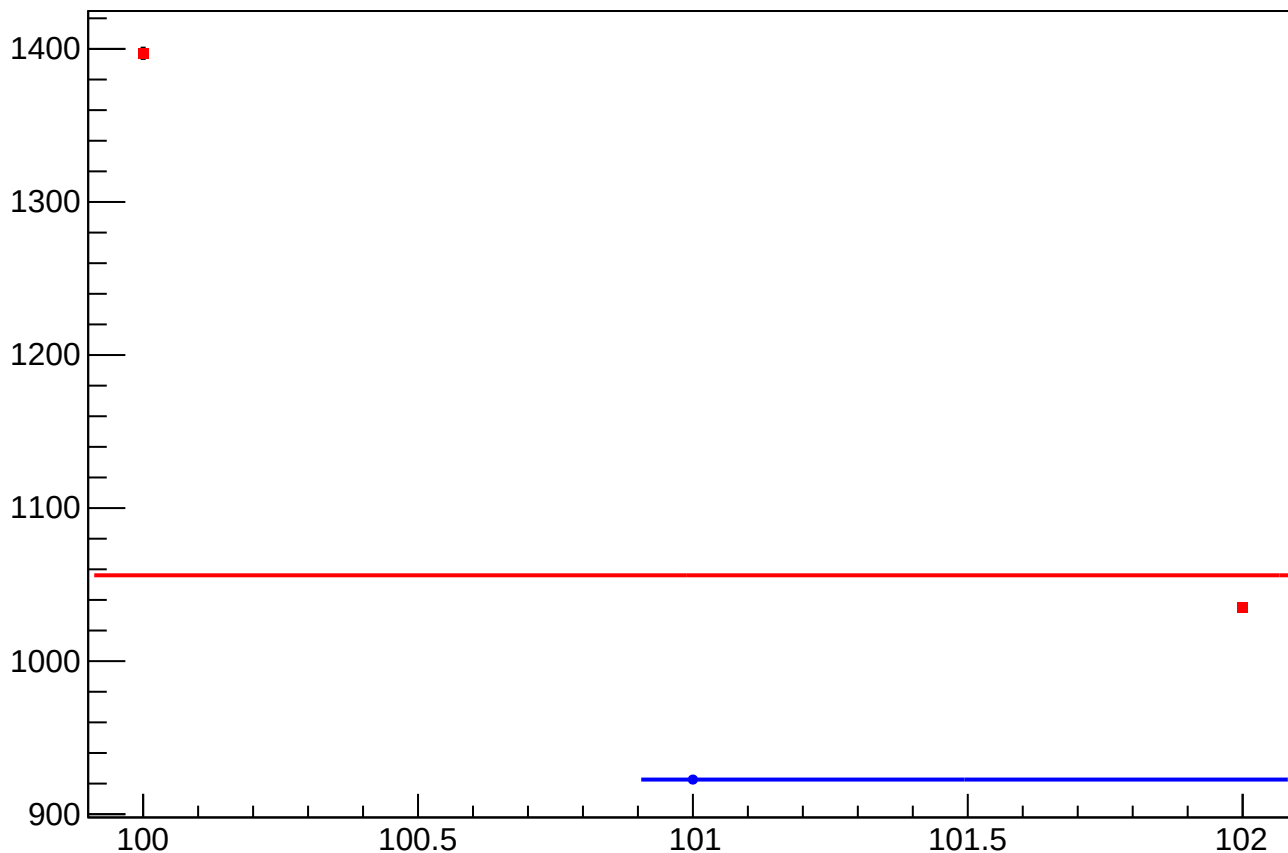
Right: -950.682+/-841.315 χ^2 /NDF: 5.7/2

In: -2053.504+/-1139.308 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -950.682+/-841.315 χ^2 /NDF: 5.7/2

asym_sam_12345678_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 922.630 $\pm$ 0.806 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1056.088 $\pm$ 0.882 χ^2 /NDF: 9163.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

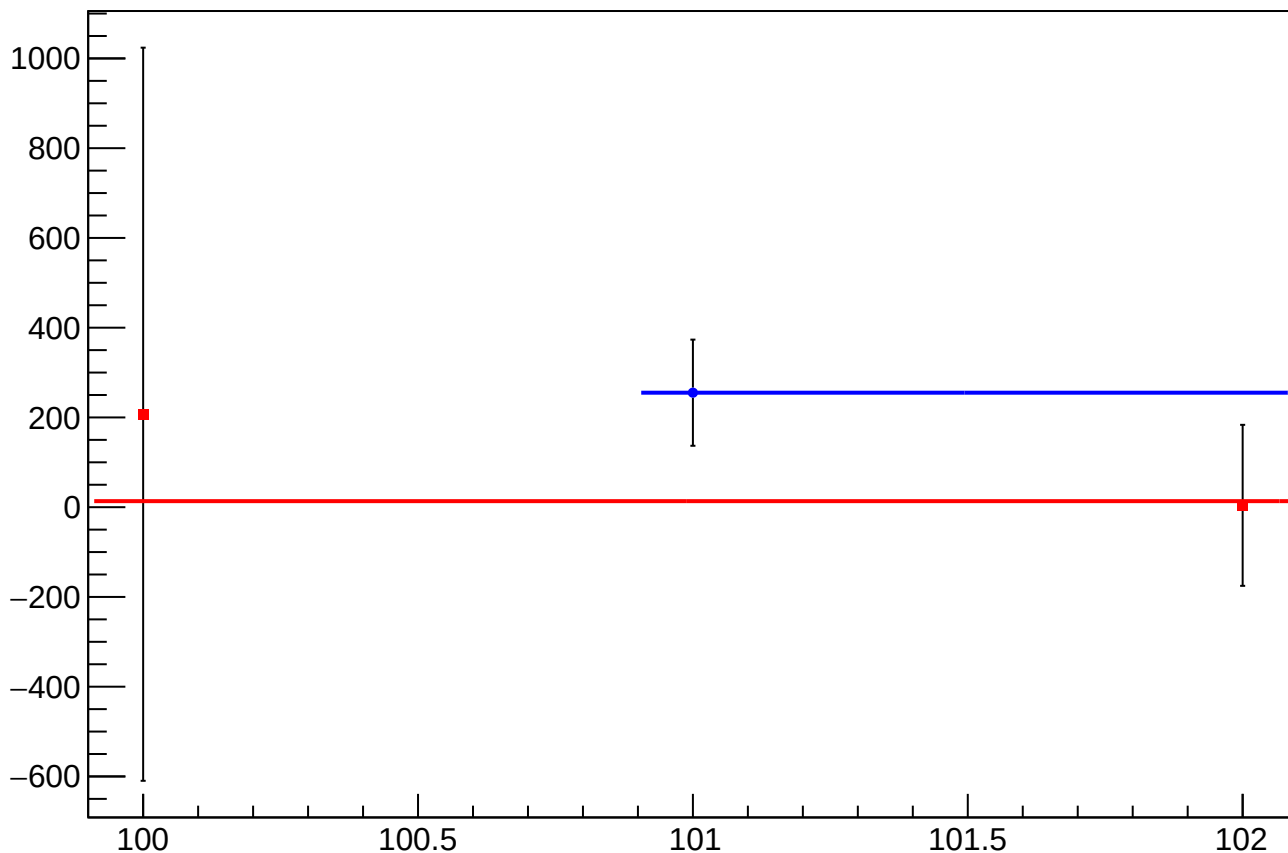
Right: 983.313 $\pm$ 0.595 χ^2 /NDF: 21642.3/2

In: 922.630 $\pm$ 0.806 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 983.313 $\pm$ 0.595 χ^2 /NDF: 21642.3/2

eigen_dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 255.135+/-118.276 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.464+/-175.213 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

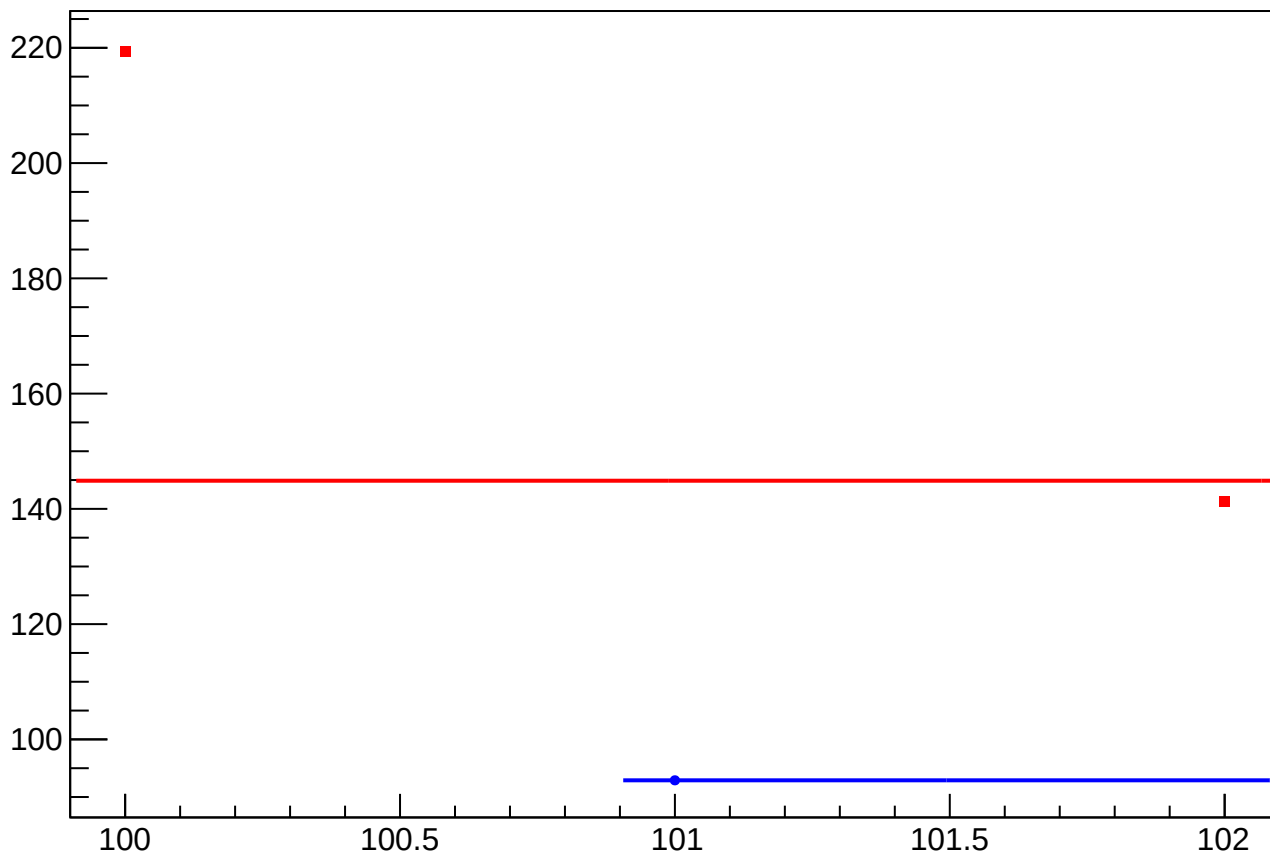
Right: 179.483+/-98.031 χ^2/NDF : 1.4/2

In: 255.135+/-118.276 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.483+/-98.031 χ^2/NDF : 1.4/2

eigen_dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 92.898 $\pm$ 0.084 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 144.883 $\pm$ 0.124 χ^2 /NDF: 17470.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

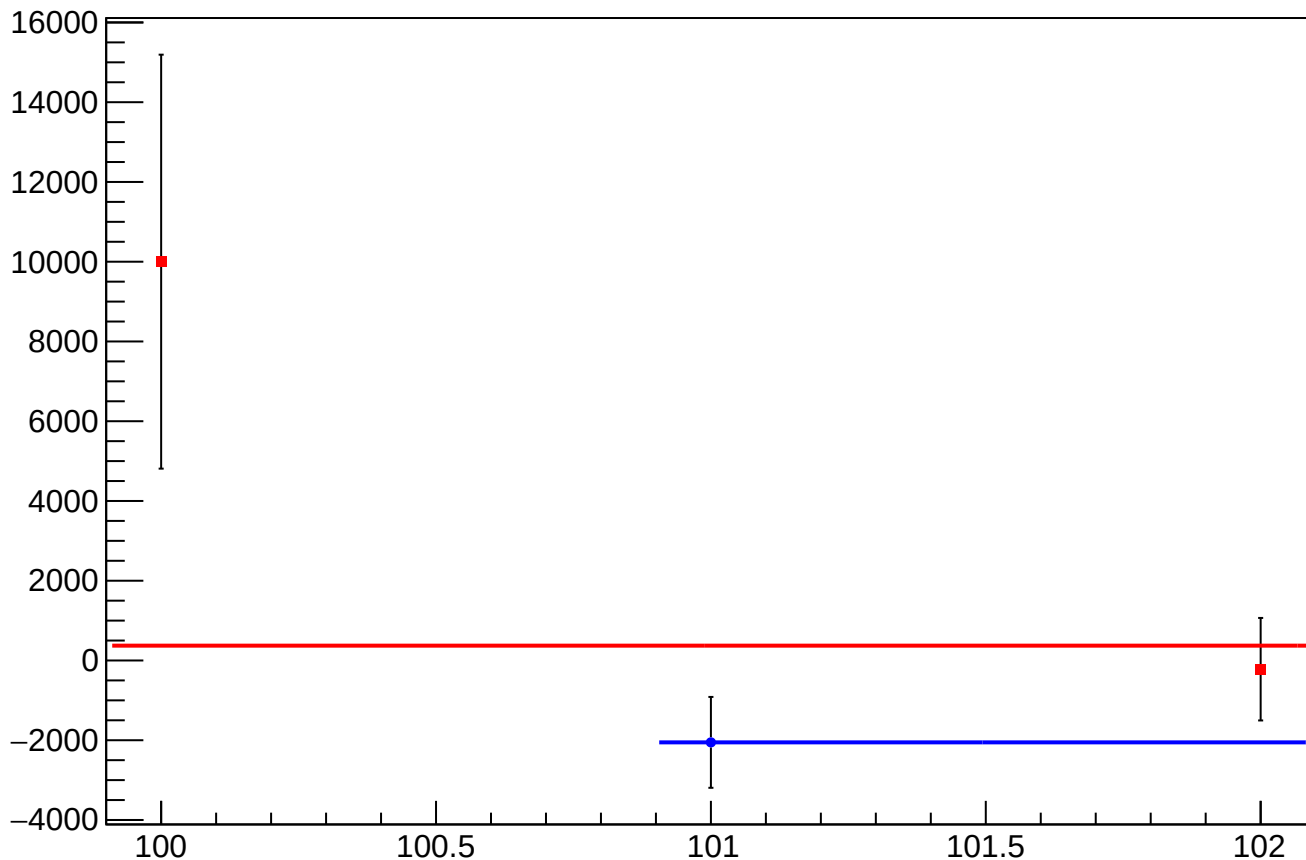
Right: 109.171 $\pm$ 0.069 χ^2 /NDF: 138417.5/2

In: 92.898 $\pm$ 0.084 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 109.171 $\pm$ 0.069 χ^2 /NDF: 138417.5/2

asym_sam_12345678_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -2053.502+/-1139.306 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 371.876+/-1247.656 χ^2 /NDF: 3.7/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

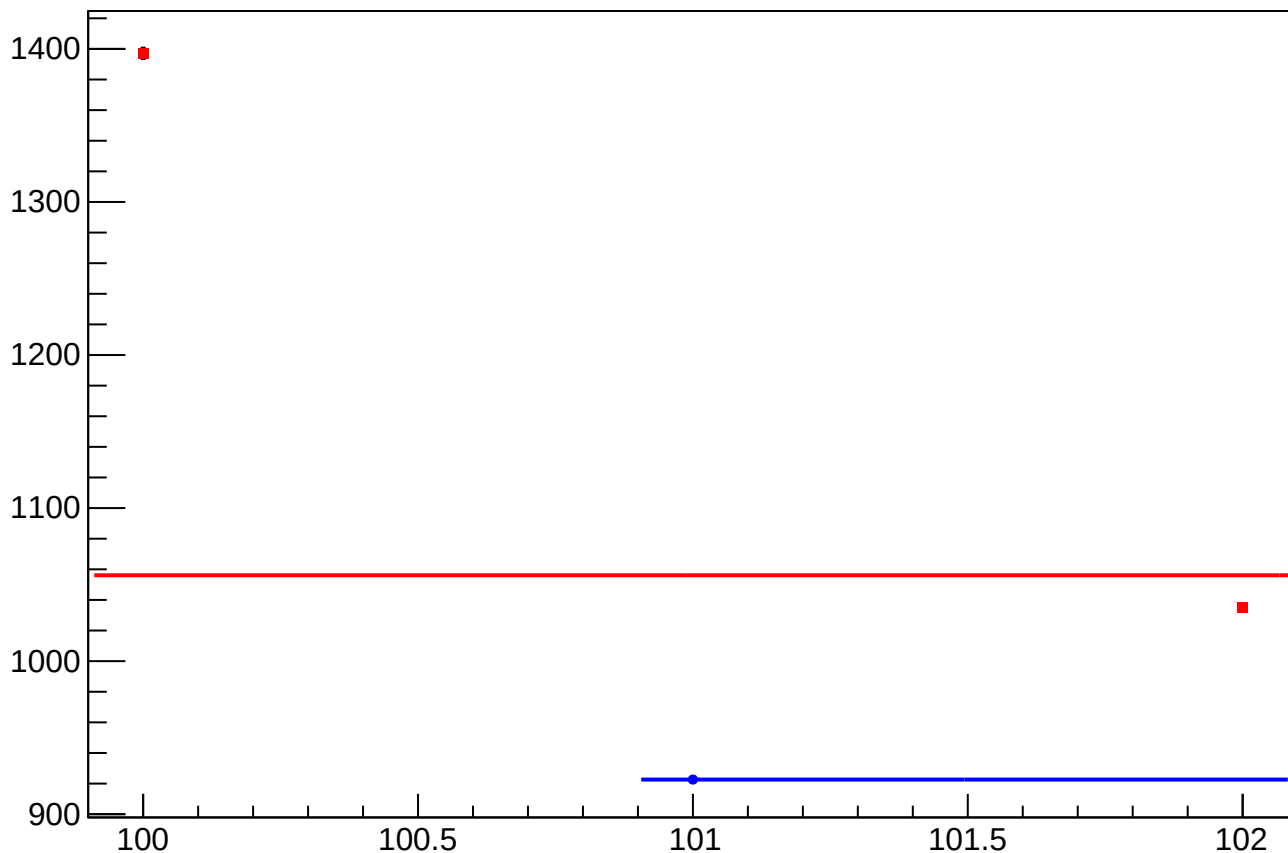
Right: -950.681+/-841.313 χ^2 /NDF: 5.7/2

In: -2053.502+/-1139.306 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -950.681+/-841.313 χ^2 /NDF: 5.7/2

asym_sam_12345678_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 922.628 $\pm$ 0.806 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1056.085 $\pm$ 0.882 χ^2 /NDF: 9163.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

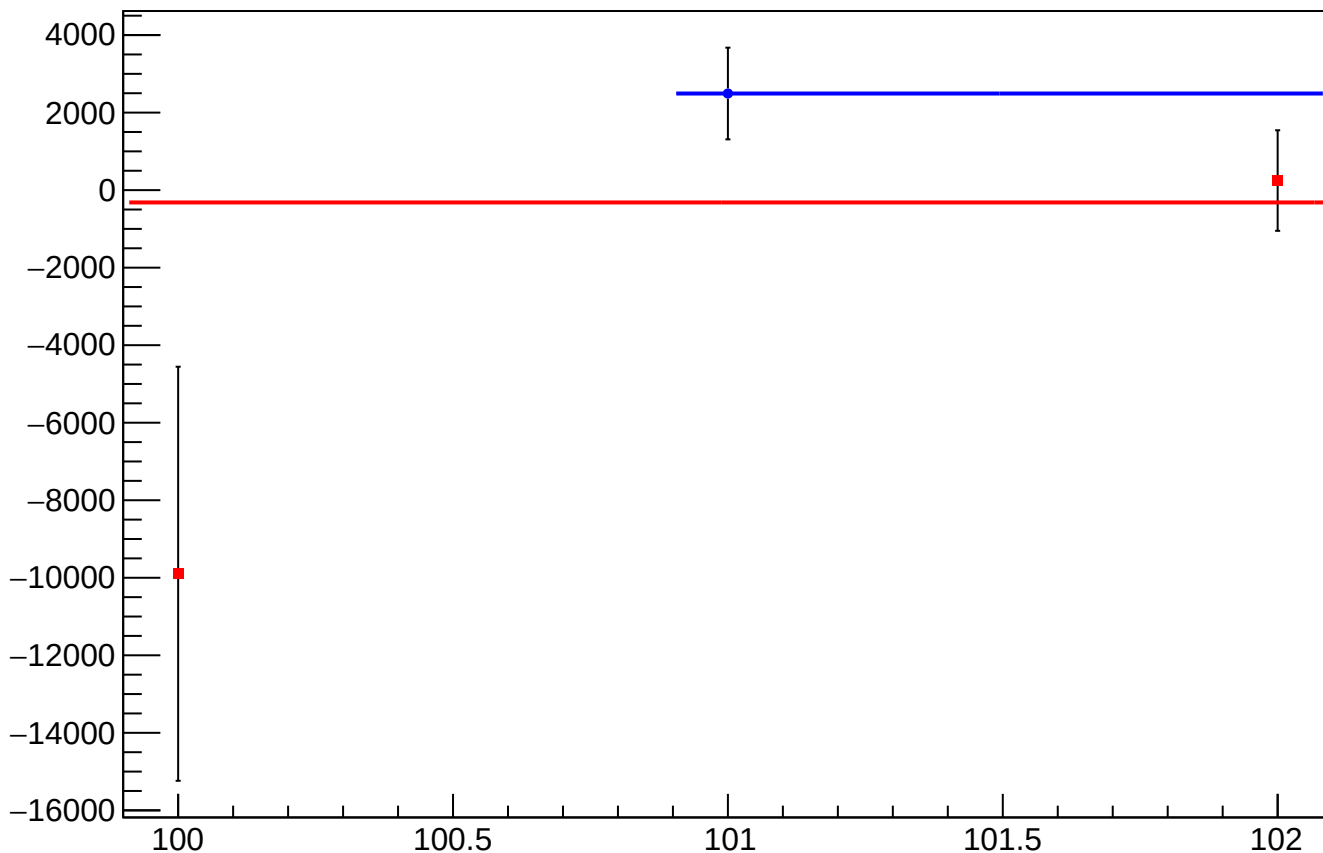
Right: 983.311 $\pm$ 0.595 χ^2 /NDF: 21642.2/2

In: 922.628 $\pm$ 0.806 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 983.311 $\pm$ 0.595 χ^2 /NDF: 21642.2/2

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 2492.365+/-1182.751 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -317.814+/-1260.603 χ^2/NDF : 3.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

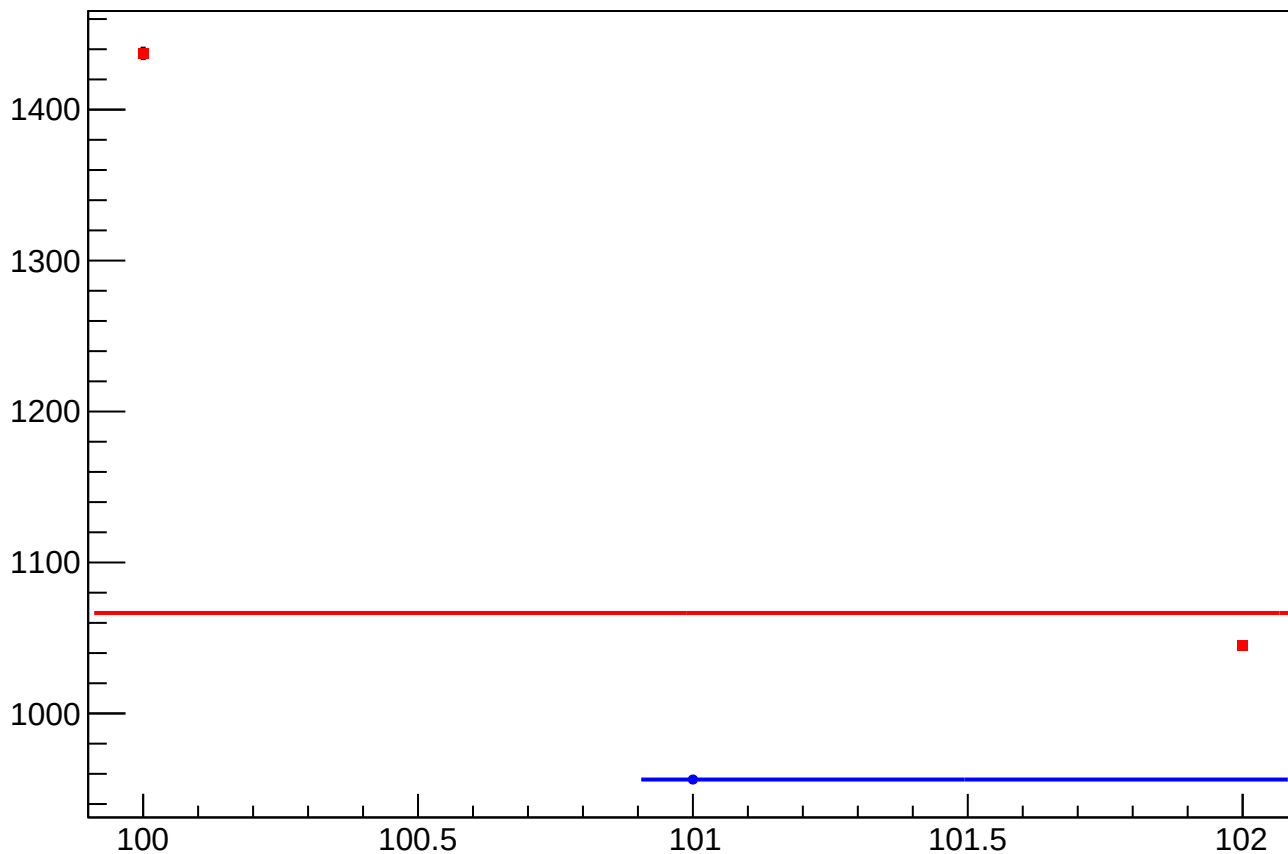
Right: 1176.726+/-862.541 χ^2/NDF : 6.0/2

In: 2492.365+/-1182.751 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1176.726+/-862.541 χ^2/NDF : 6.0/2

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 956.221+/-0.836 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1066.559+/-0.891 χ^2/NDF : 10203.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

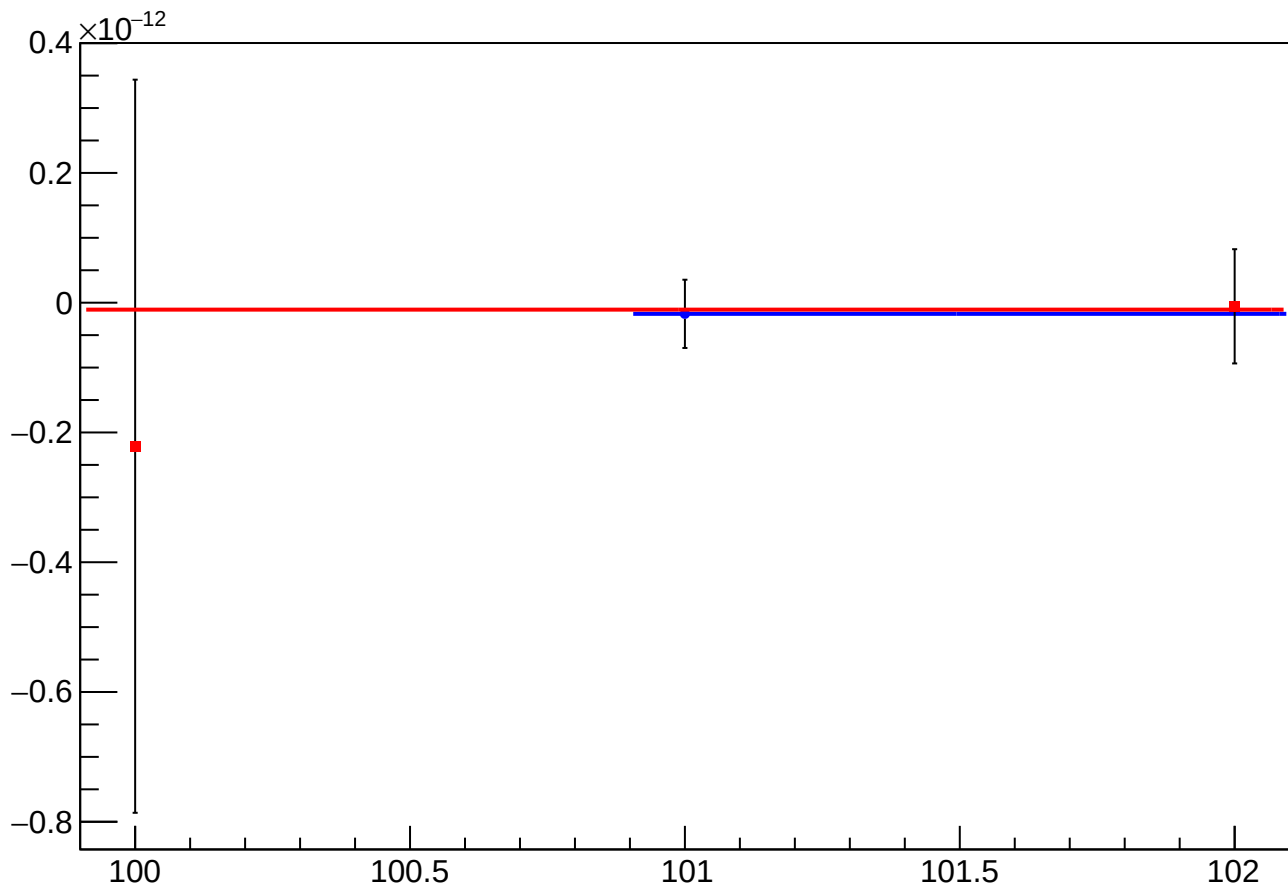
Right: 1007.878+/-0.610 χ^2/NDF : 18352.3/2

In: 956.221+/-0.836 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1007.878+/-0.610 χ^2/NDF : 18352.3/2

asym_sam_12345678_avg_reg_vs_cor_diff_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: 0.1/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

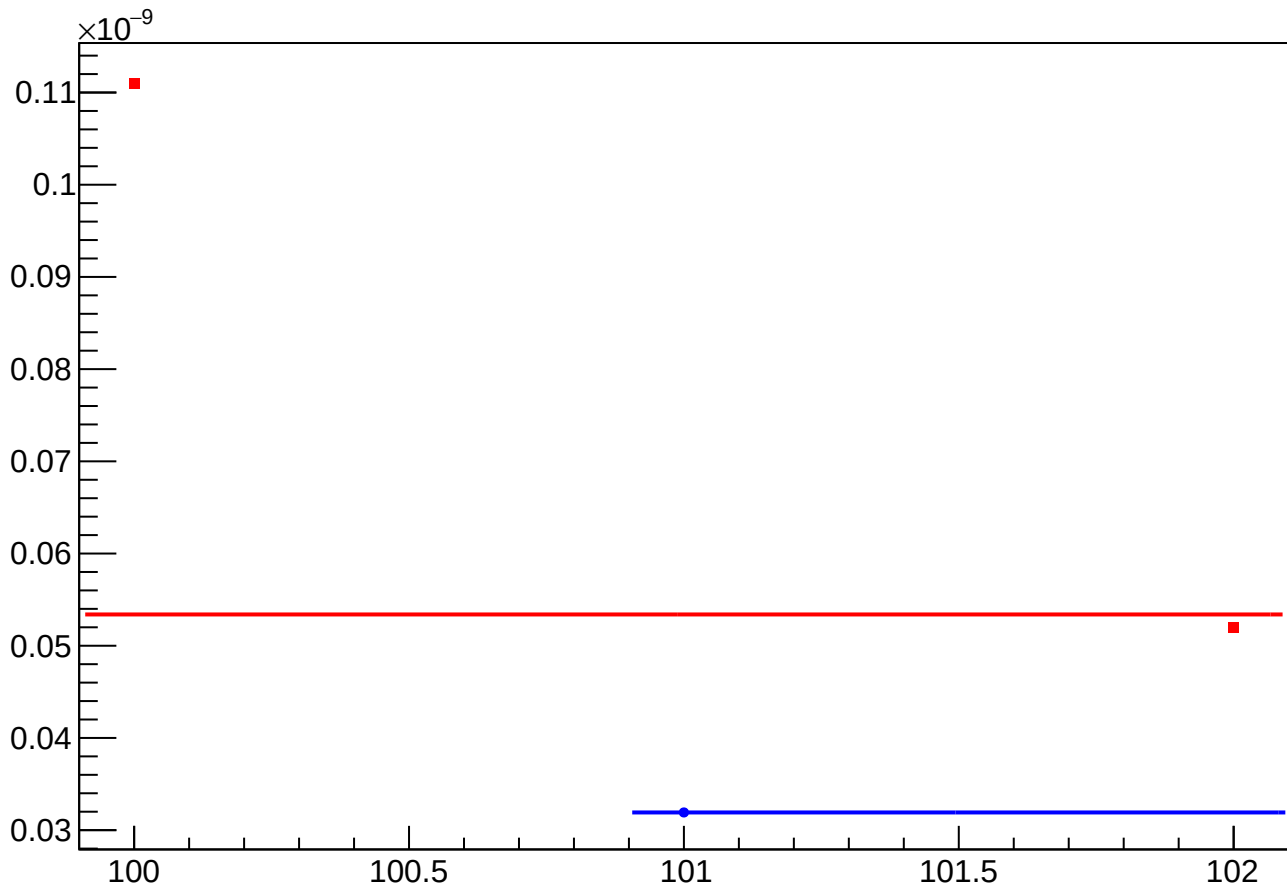
Right: -0.000+/-0.000 χ^2 /NDF: 0.1/2

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: 0.1/2

asym_sam_12345678_avg_reg_vs_cor_diff_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 : 21295.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

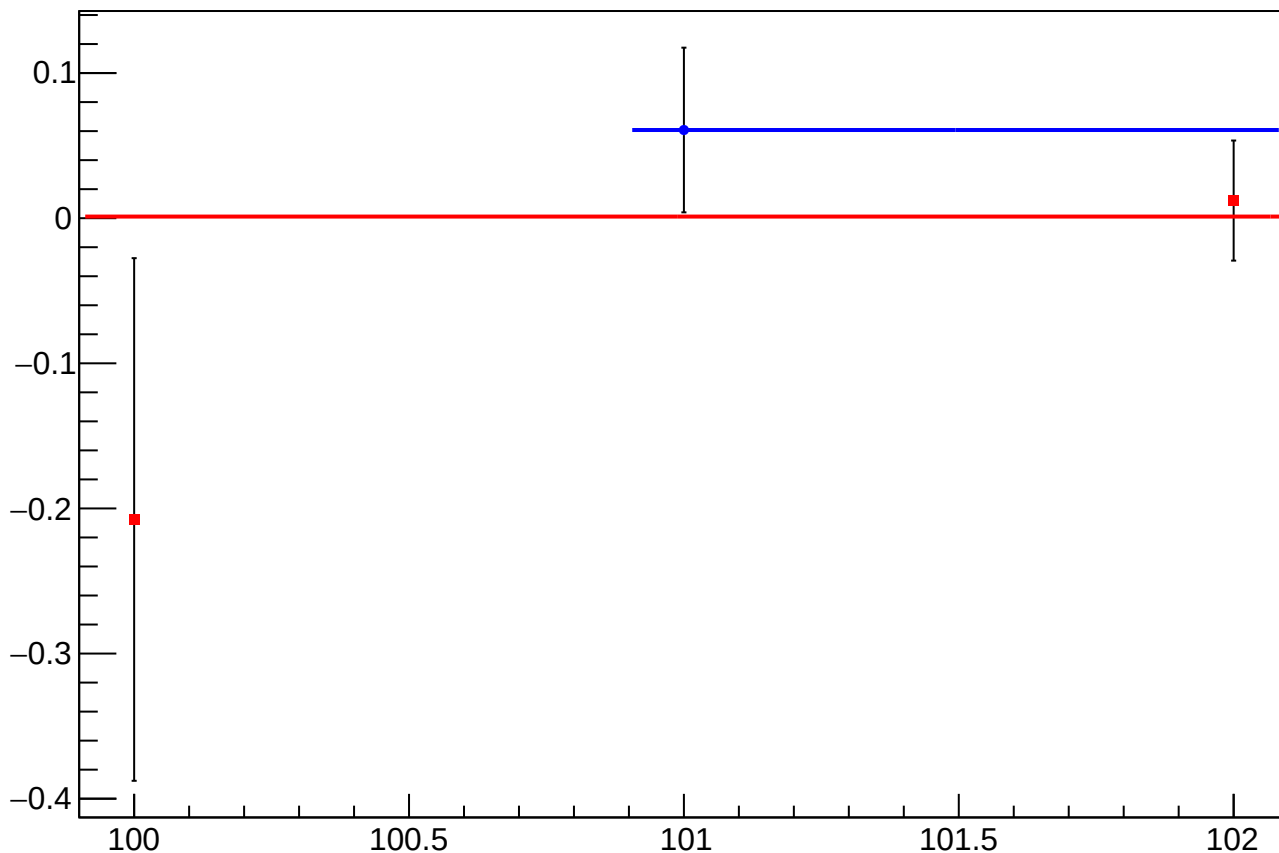
Right: 0.000+/-0.000 χ^2/NDF : 110550.5/2

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 : 110550.5/2

asym_sam_12345678_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.061+/-0.057 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.040 χ^2/NDF : 1.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

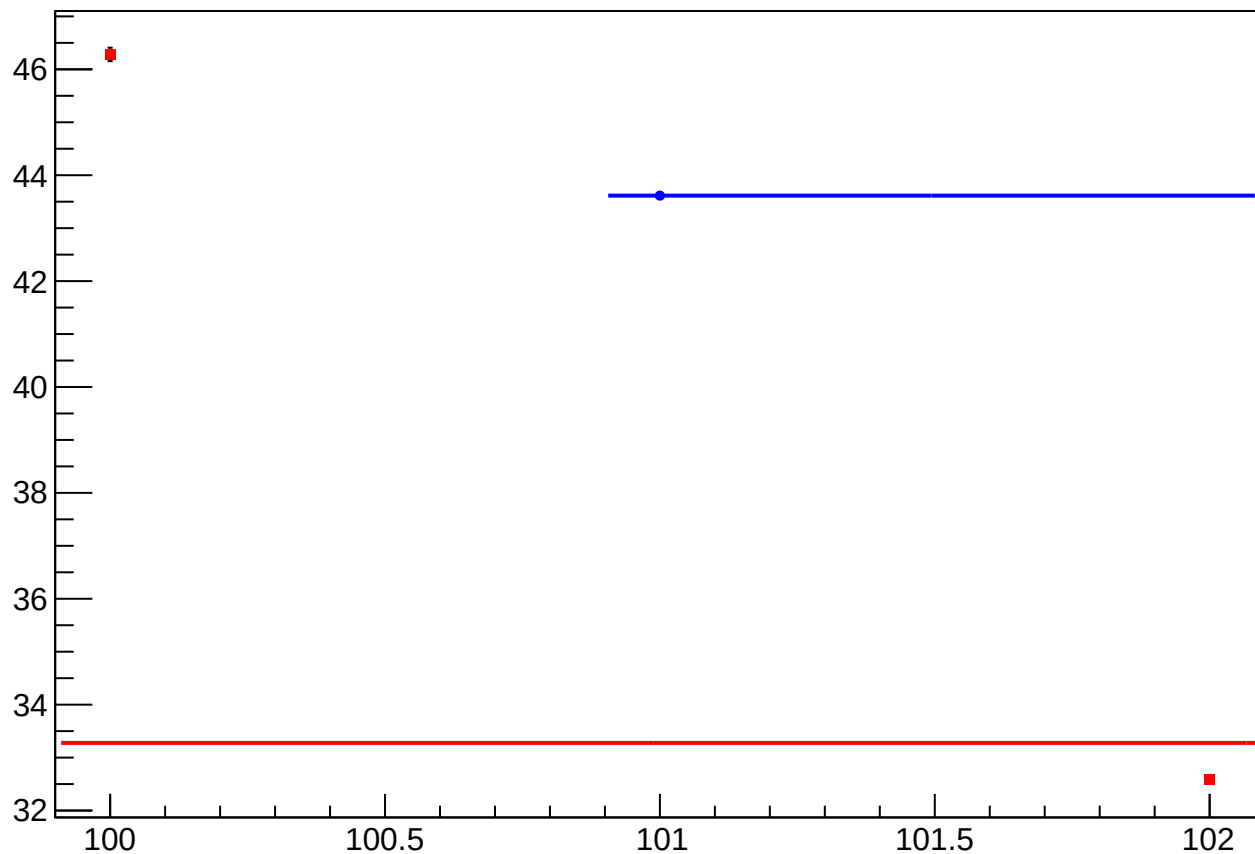
Right: 0.021+/-0.033 χ^2/NDF : 2.1/2

In: 0.061+/-0.057 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.033 χ^2/NDF : 2.1/2

asym_sam_12345678_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 43.615 $\pm$ 0.040 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 33.278 $\pm$ 0.029 χ^2 /NDF: 10981.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

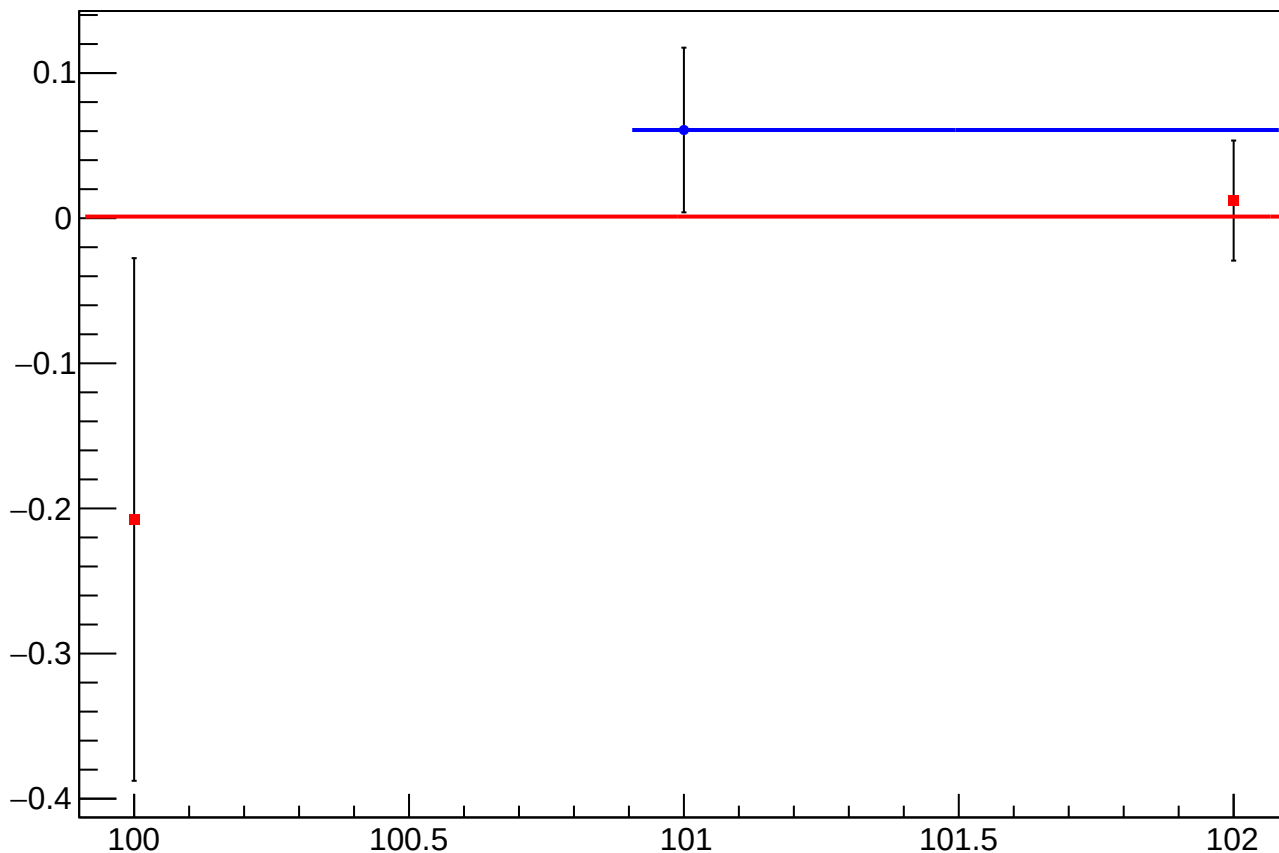
Right: 36.747 $\pm$ 0.023 χ^2 /NDF: 55092.3/2

In: 43.615 $\pm$ 0.040 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.747 $\pm$ 0.023 χ^2 /NDF: 55092.3/2

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.061+/-0.057 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.040 χ^2/NDF : 1.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

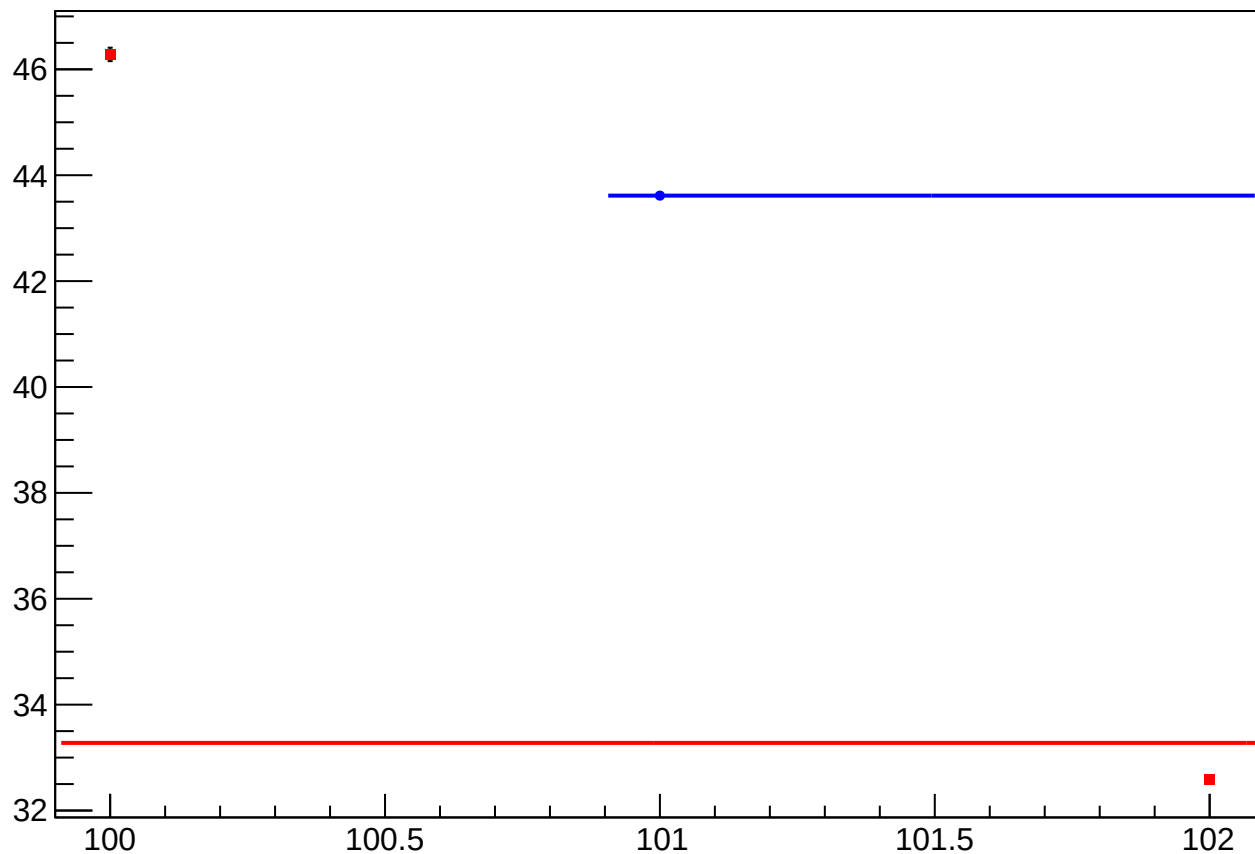
Right: 0.021+/-0.033 χ^2/NDF : 2.1/2

In: 0.061+/-0.057 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.033 χ^2/NDF : 2.1/2

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 43.615+/-0.040 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.278+/-0.029 χ^2/NDF : 10981.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

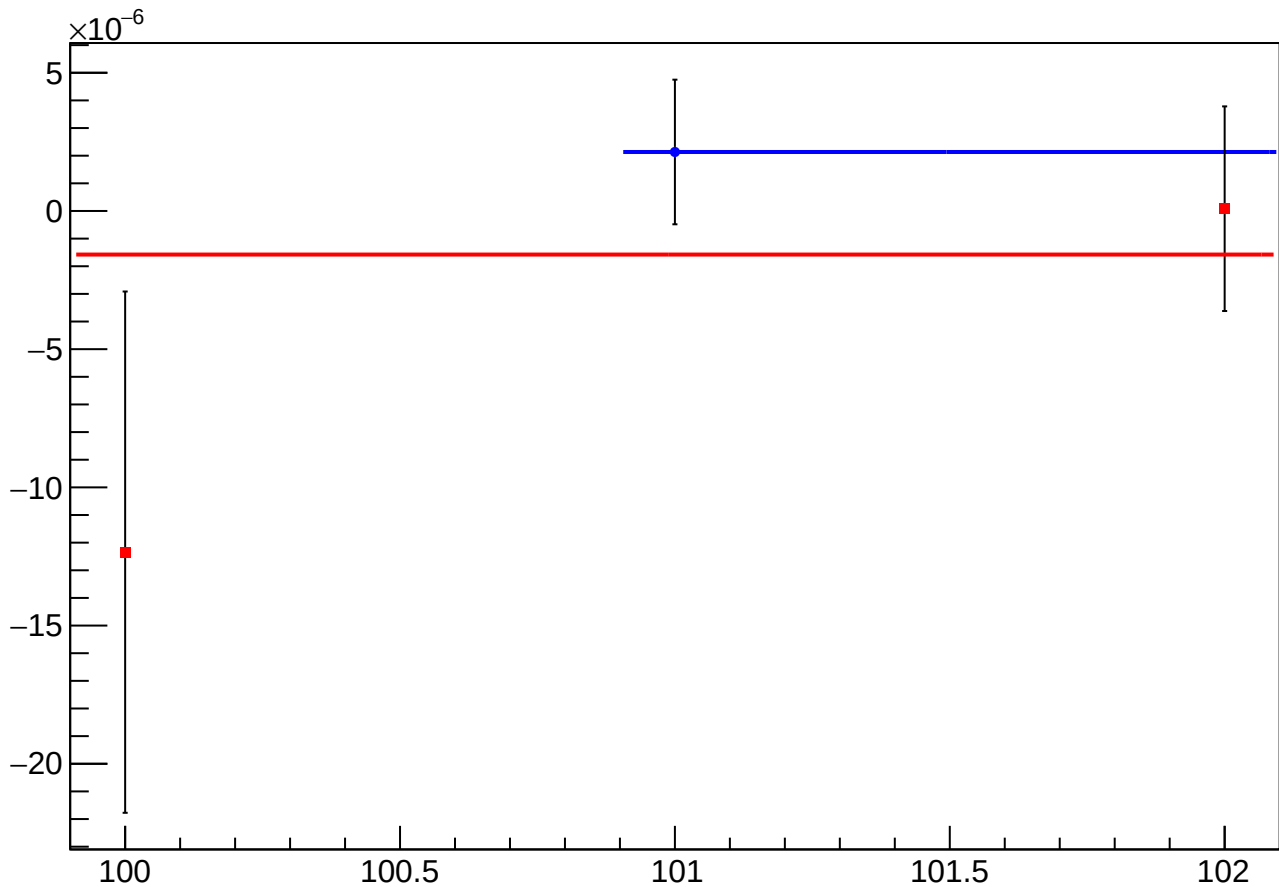
Right: 36.747+/-0.023 χ^2/NDF : 55092.3/2

In: 43.615+/-0.040 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.747+/-0.023 χ^2/NDF : 55092.3/2

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_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 : 1.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

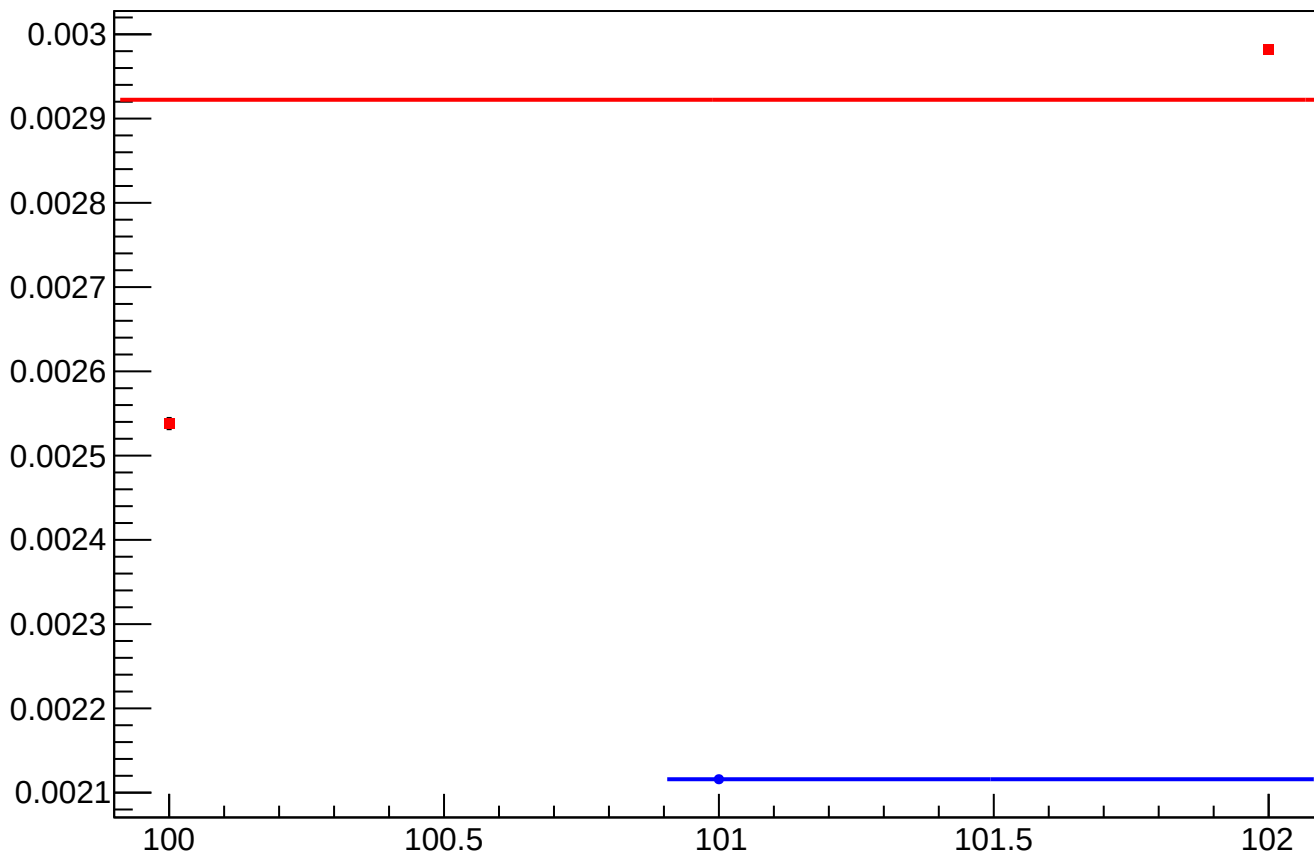
Right: 0.000+/-0.000 χ^2/NDF : 2.2/2

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 : 2.2/2

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 3833.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

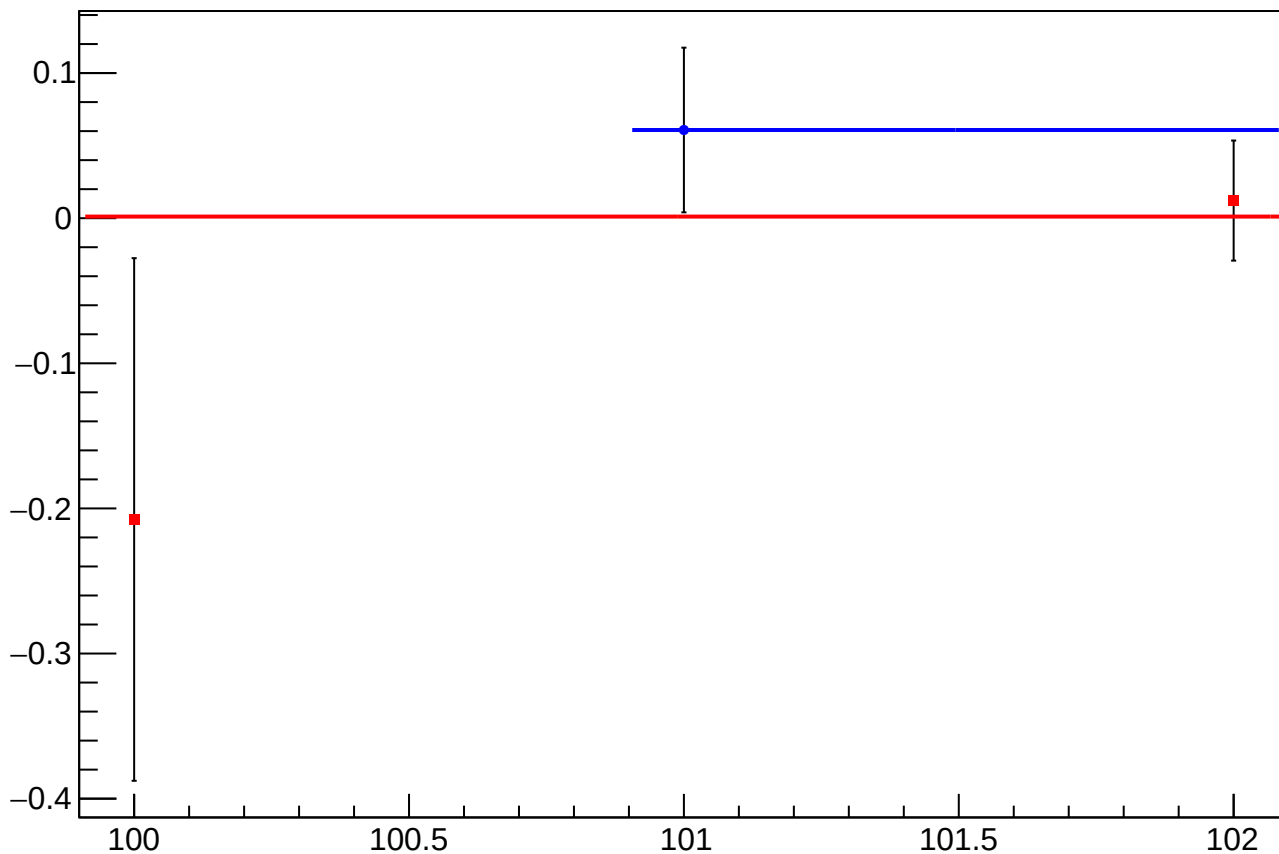
Right: 0.002+/-0.000 χ^2/NDF : 73321.3/2

In: 0.002+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 73321.3/2

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.061+/-0.057 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.040 χ^2/NDF : 1.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

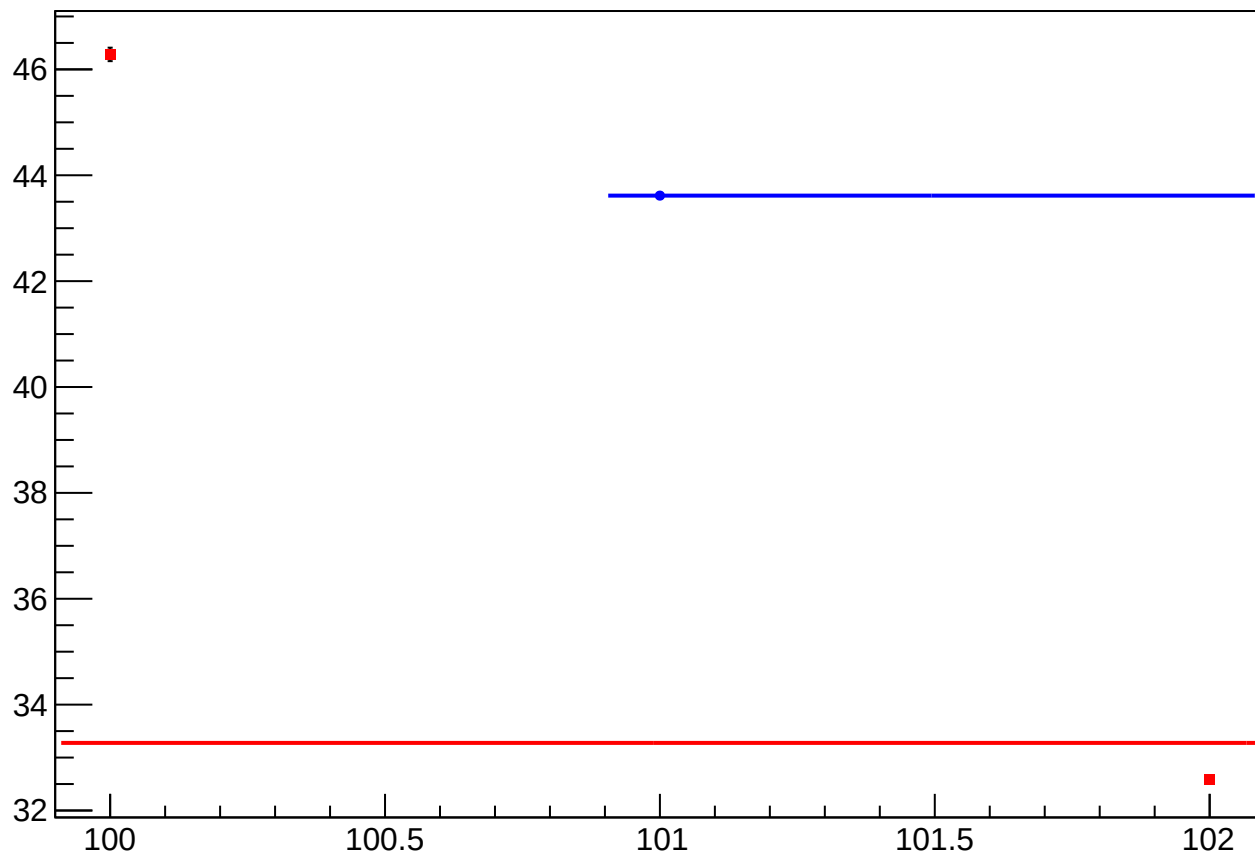
Right: 0.021+/-0.033 χ^2/NDF : 2.1/2

In: 0.061+/-0.057 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.033 χ^2/NDF : 2.1/2

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 43.616 $\pm$ 0.040 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 33.277 $\pm$ 0.029 χ^2 /NDF: 10984.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

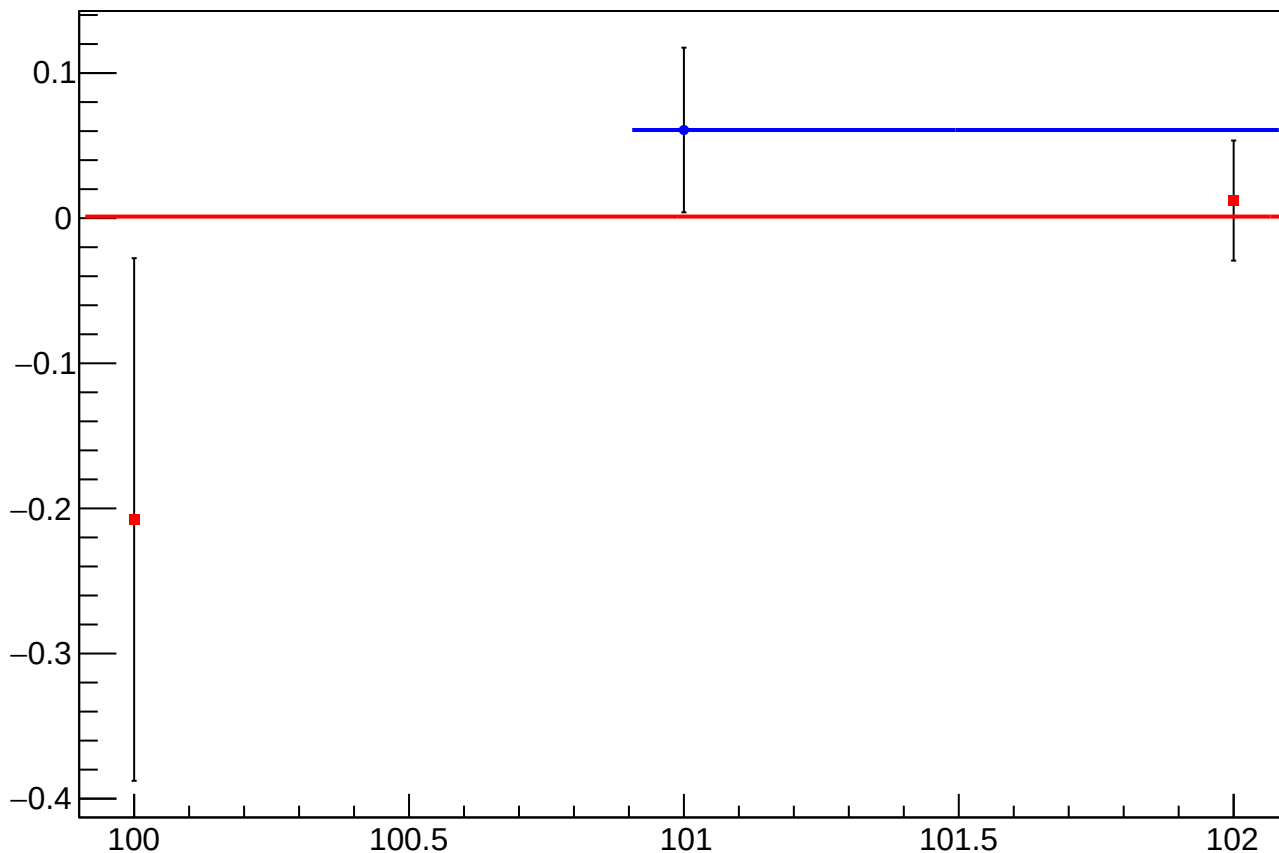
Right: 36.746 $\pm$ 0.023 χ^2 /NDF: 55106.0/2

In: 43.616 $\pm$ 0.040 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.746 $\pm$ 0.023 χ^2 /NDF: 55106.0/2

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.061+/-0.057 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.040 χ^2/NDF : 1.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

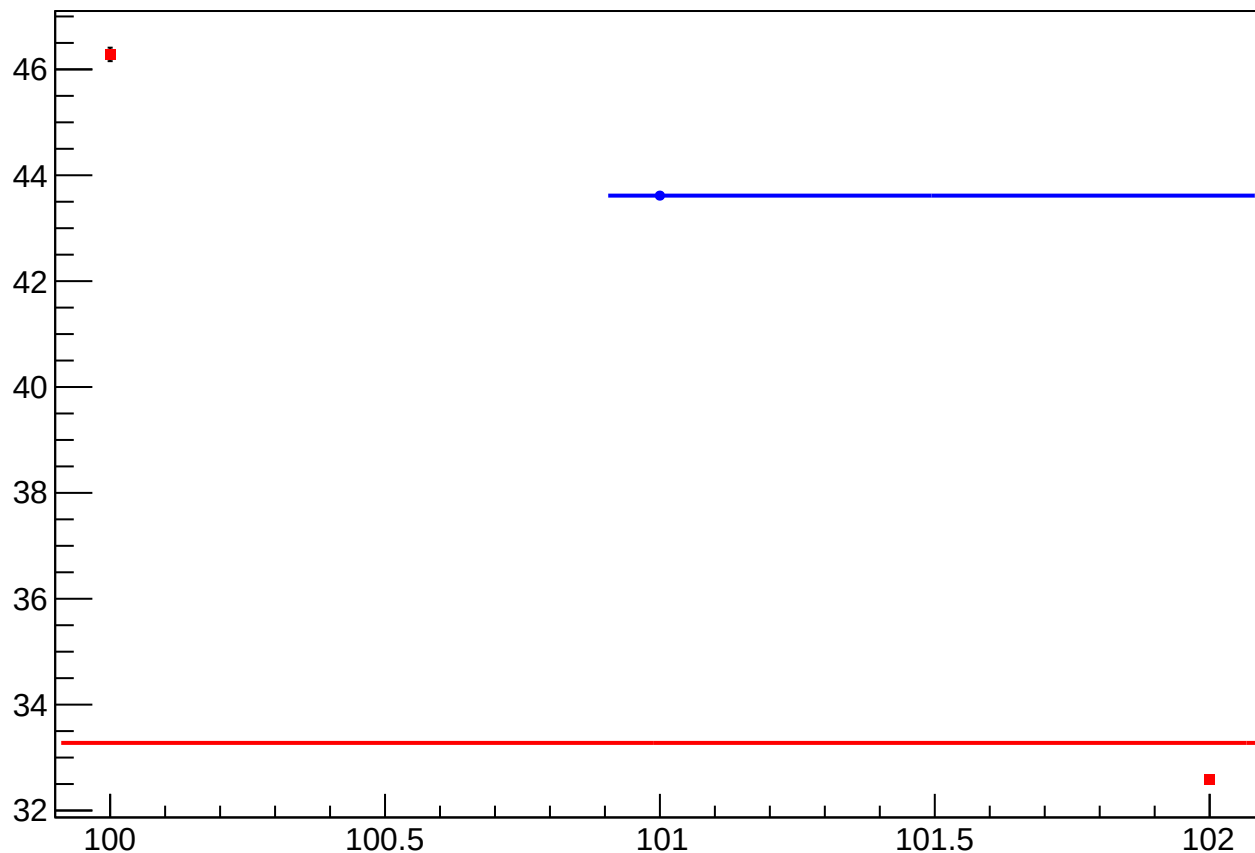
Right: 0.021+/-0.033 χ^2/NDF : 2.1/2

In: 0.061+/-0.057 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.033 χ^2/NDF : 2.1/2

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 43.616 $\pm$ 0.040 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 33.277 $\pm$ 0.029 χ^2 /NDF: 10984.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

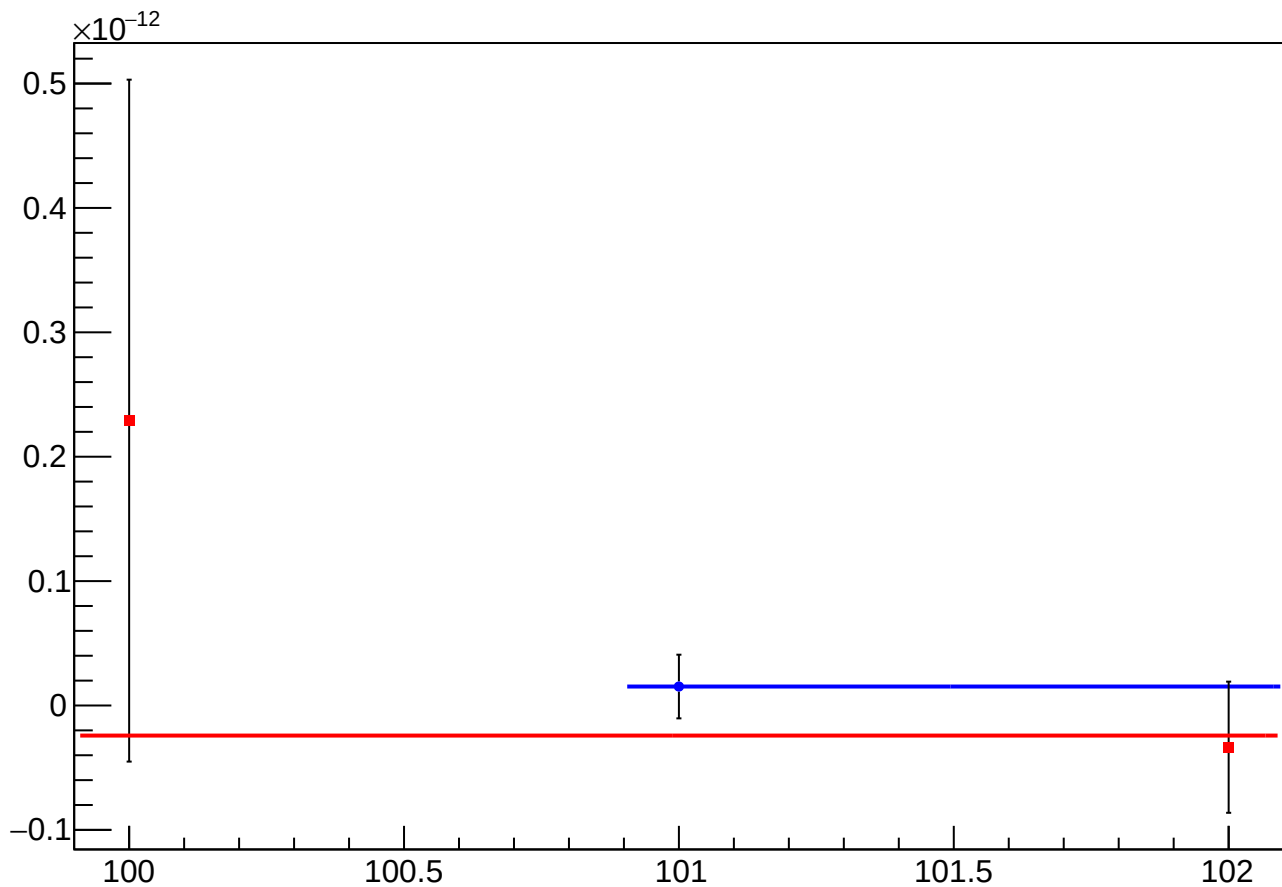
Right: 36.746 $\pm$ 0.023 χ^2 /NDF: 55106.0/2

In: 43.616 $\pm$ 0.040 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.746 $\pm$ 0.023 χ^2 /NDF: 55106.0/2

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_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 : 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

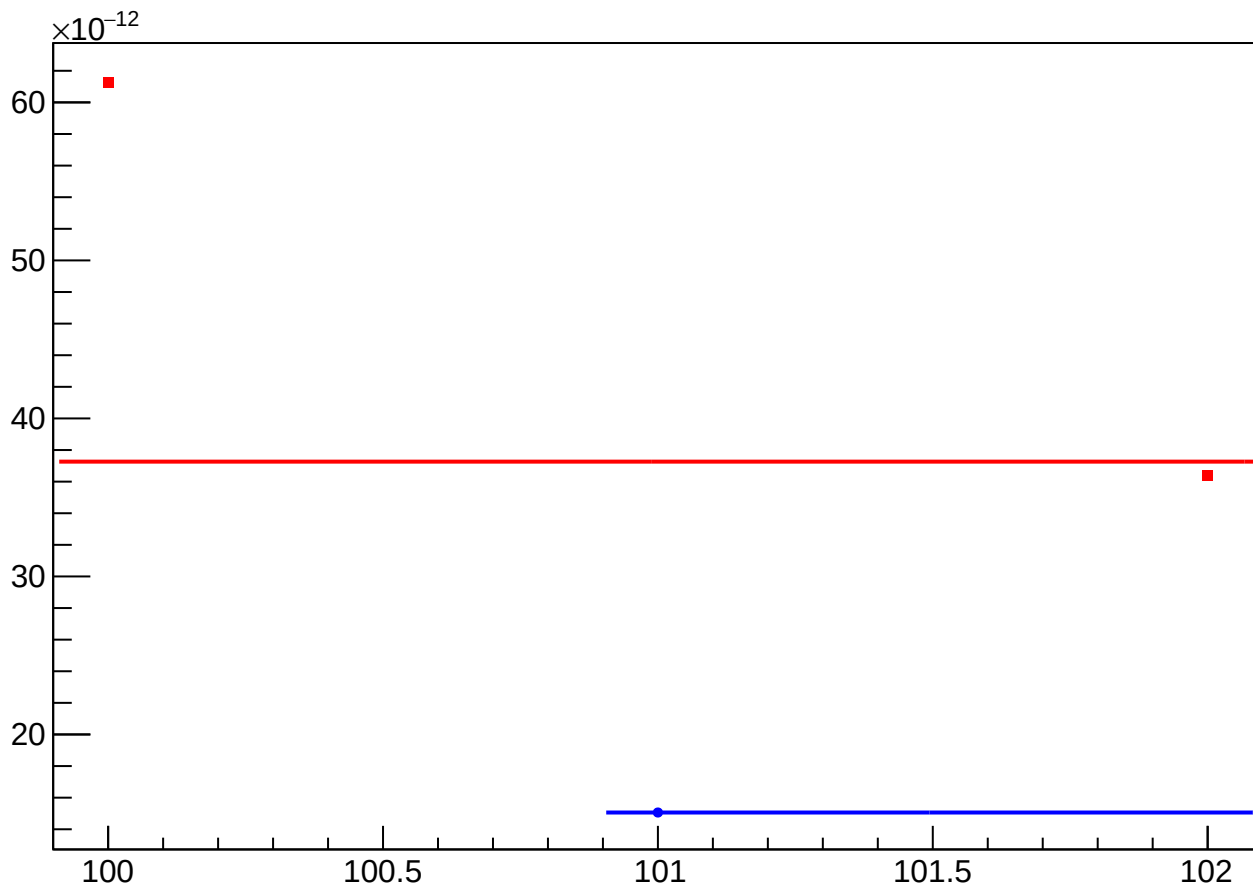
Right: 0.000+/-0.000 χ^2/NDF : 1.4/2

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 : 1.4/2

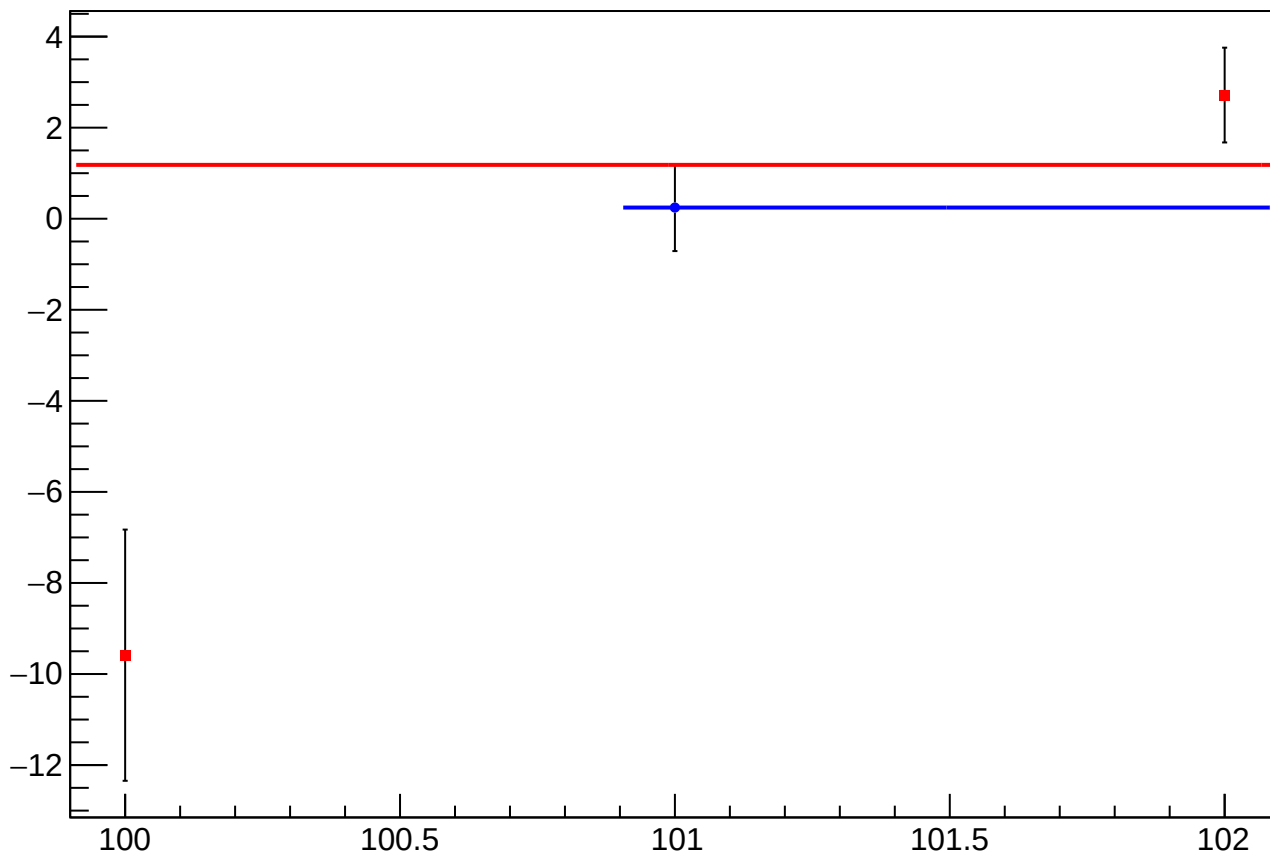
asym_sam_12345678_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 15870.5/1
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 311562.0/2
 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 : 311562.0/2

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.245+/-0.956 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.183+/-0.974 χ^2/NDF : 17.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

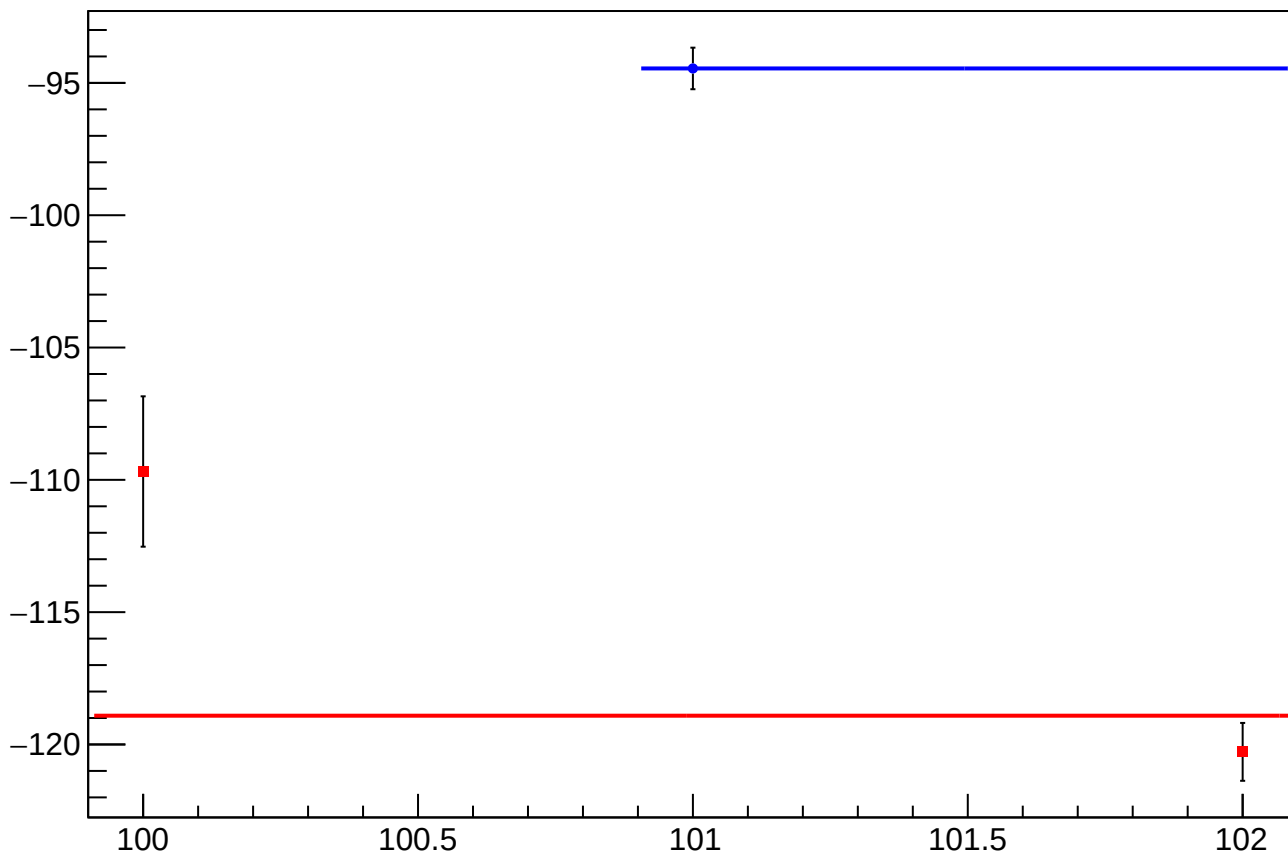
Right: 0.705+/-0.682 χ^2/NDF : 17.9/2

In: 0.245+/-0.956 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.705+/-0.682 χ^2/NDF : 17.9/2

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -94.453 $\pm$ 0.785 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -118.913 $\pm$ 1.020 χ^2 /NDF: 12.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

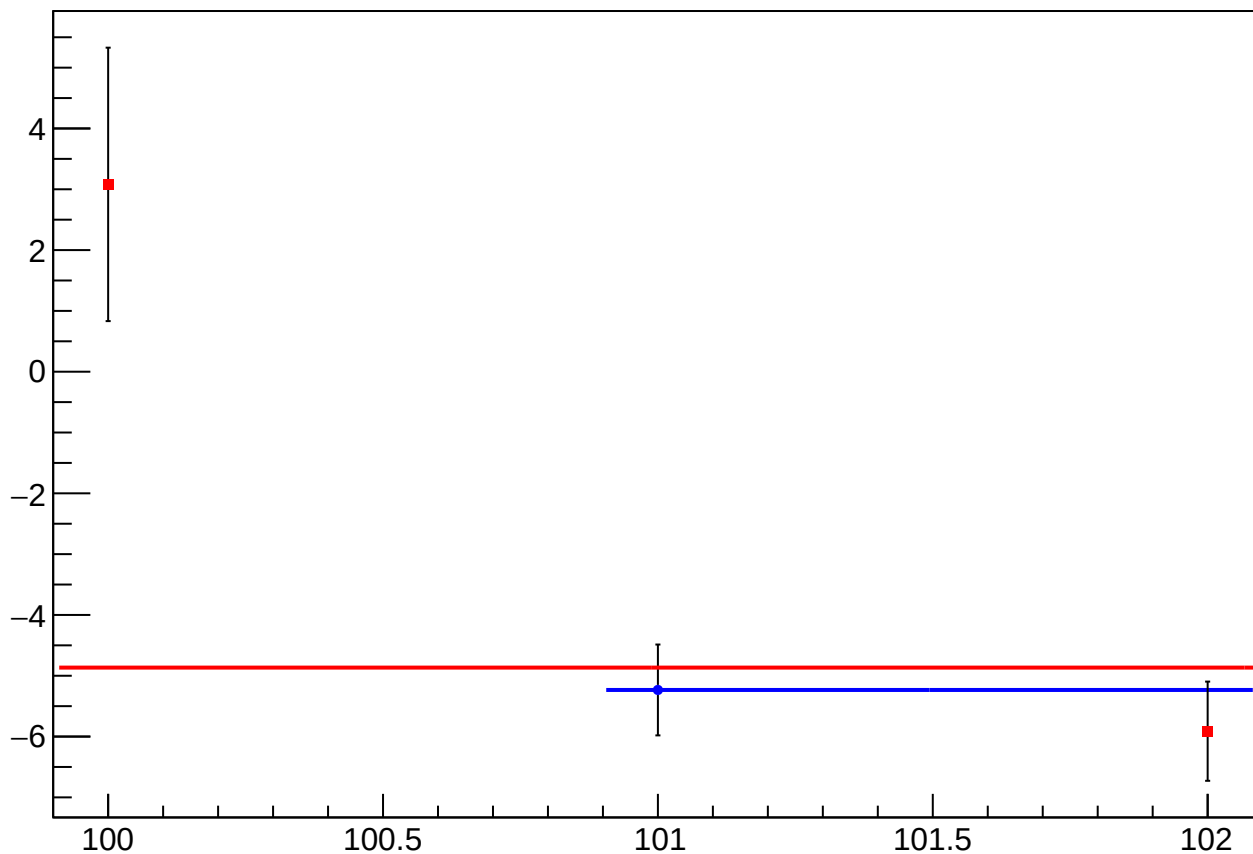
Right: -103.549 $\pm$ 0.622 χ^2 /NDF: 373.0/2

In: -94.453 $\pm$ 0.785 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -103.549 $\pm$ 0.622 χ^2 /NDF: 373.0/2

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.234+/-0.747 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.866+/-0.767 χ^2/NDF : 14.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

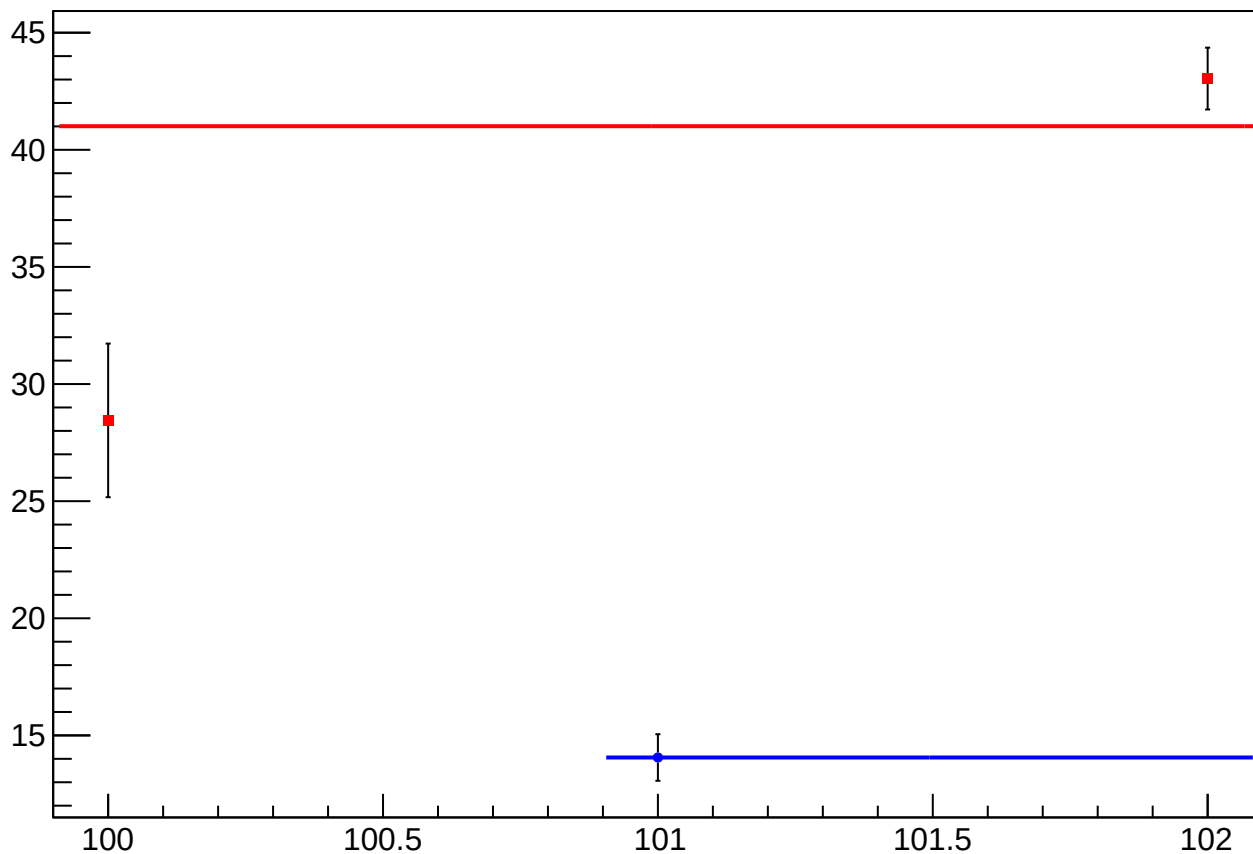
Right: -5.055+/-0.535 χ^2/NDF : 14.3/2

In: -5.234+/-0.747 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.055+/-0.535 χ^2/NDF : 14.3/2

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 14.057+/-0.995 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.008+/-1.224 χ^2/NDF : 17.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

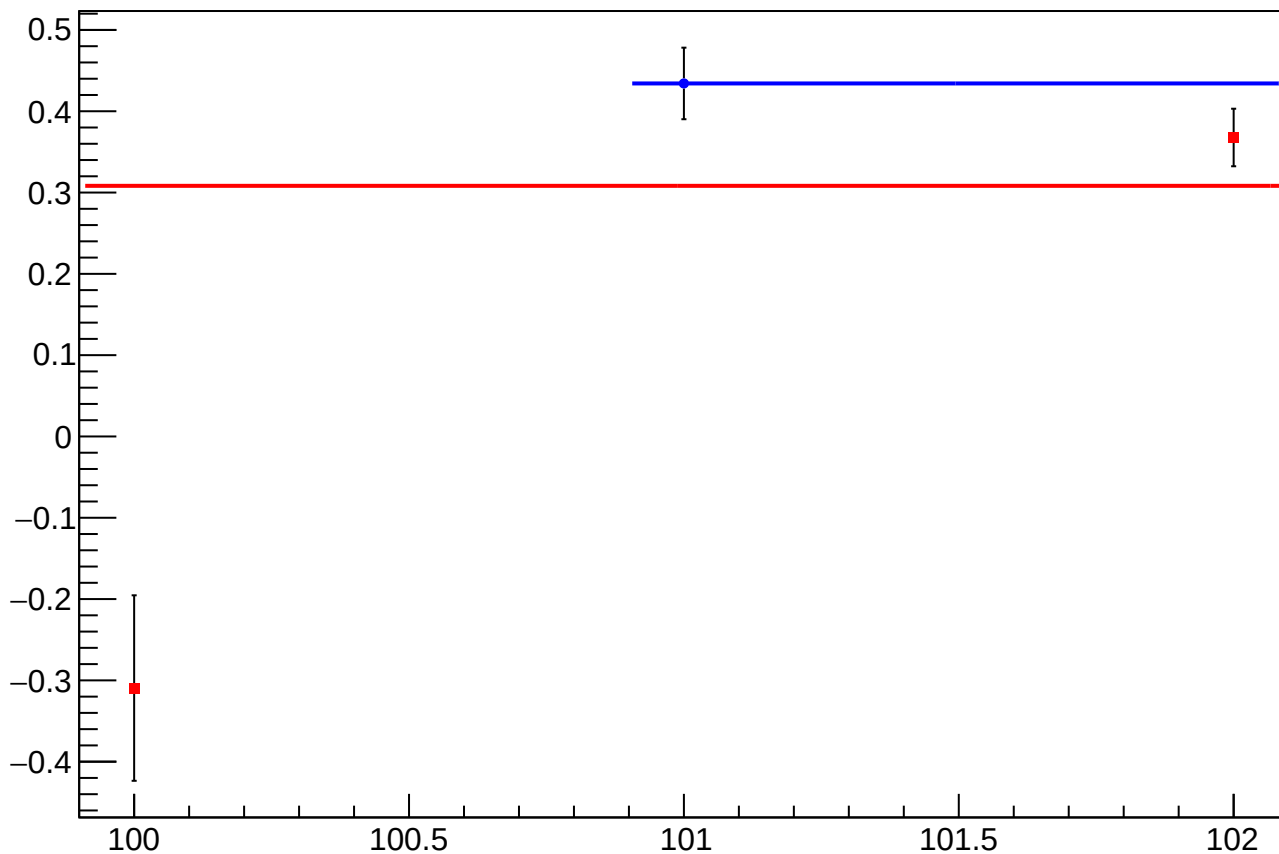
Right: 24.776+/-0.772 χ^2/NDF : 309.0/2

In: 14.057+/-0.995 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.776+/-0.772 χ^2/NDF : 309.0/2

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.434+/-0.044 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.308+/-0.034 χ^2/NDF : 32.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

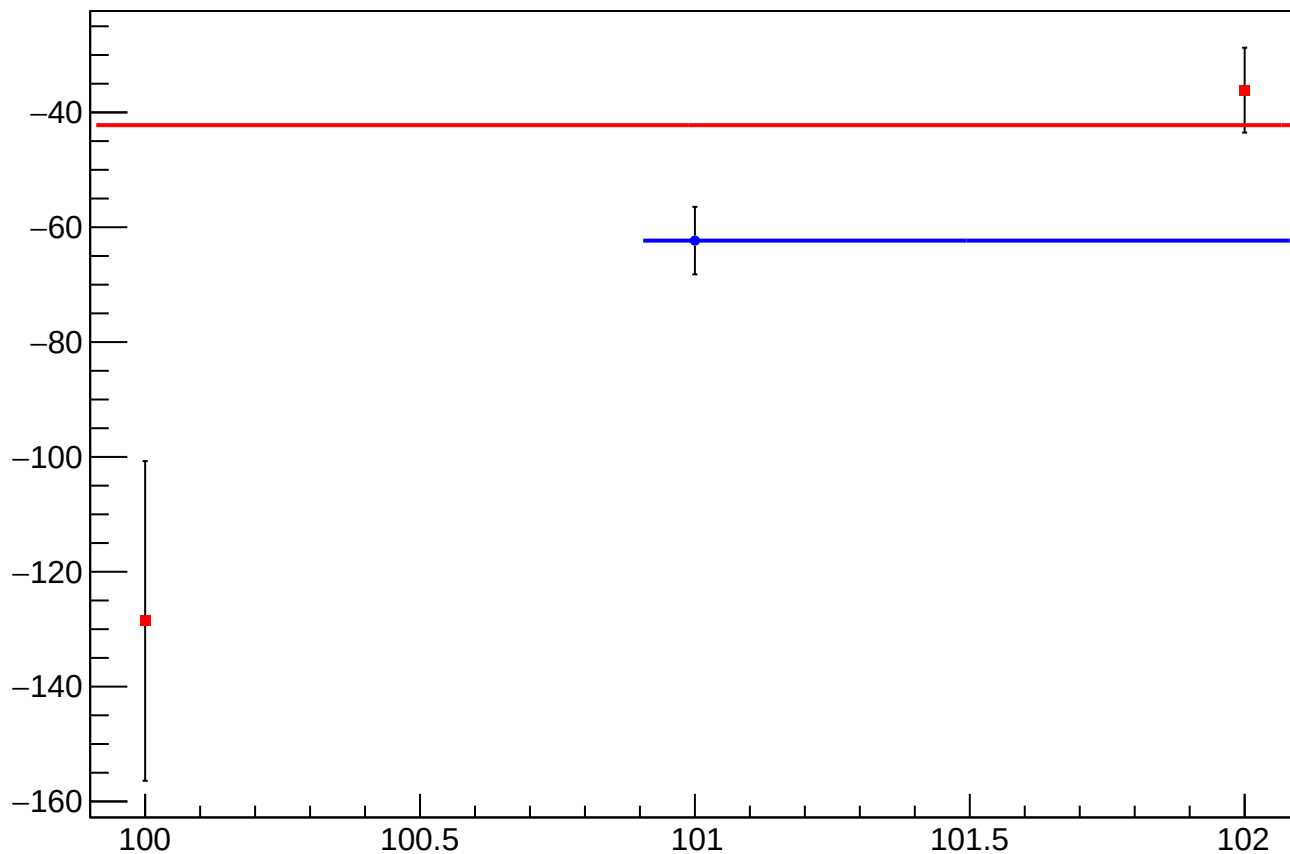
Right: 0.355+/-0.027 χ^2/NDF : 37.3/2

In: 0.434+/-0.044 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.355+/-0.027 χ^2/NDF : 37.3/2

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -62.328+/-5.880 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -42.218+/-7.149 χ^2/NDF : 10.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

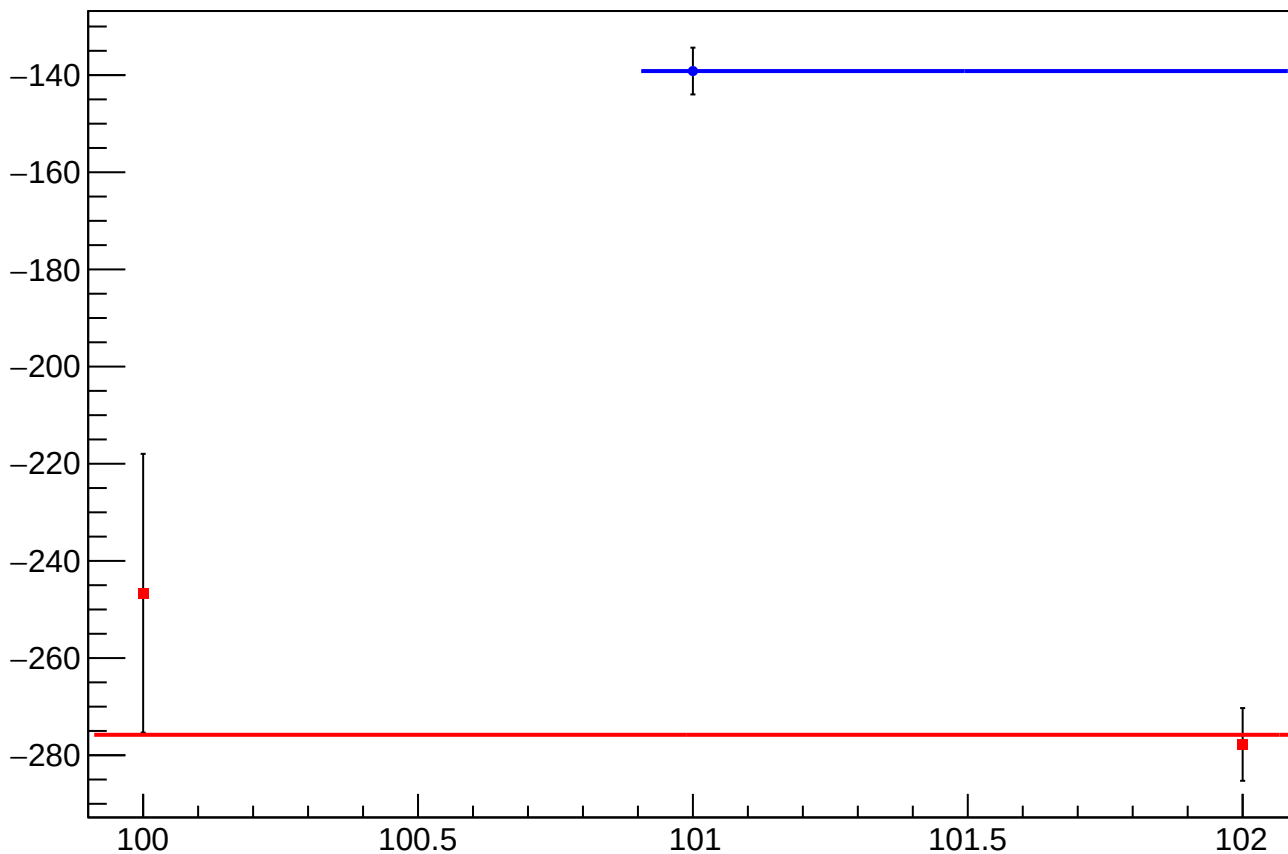
Right: -54.214+/-4.541 χ^2/NDF : 15.0/2

In: -62.328+/-5.880 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -54.214+/-4.541 χ^2/NDF : 15.0/2

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -139.168+/-4.814 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -275.796+/-7.242 χ^2/NDF : 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

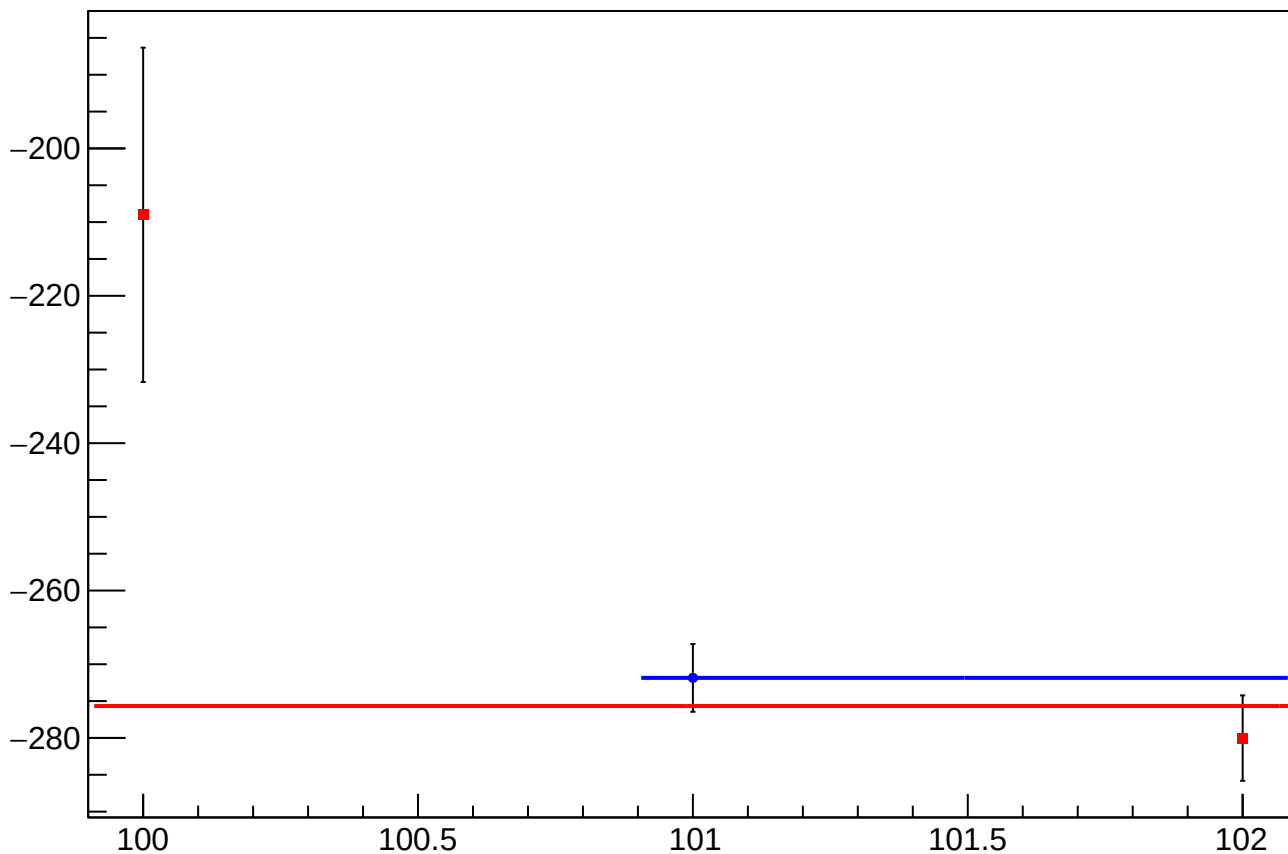
Right: -181.037+/-4.009 χ^2/NDF : 248.0/2

In: -139.168+/-4.814 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -181.037+/-4.009 χ^2/NDF : 248.0/2

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -271.848+/-4.603 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -275.675+/-5.614 χ^2/NDF : 9.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

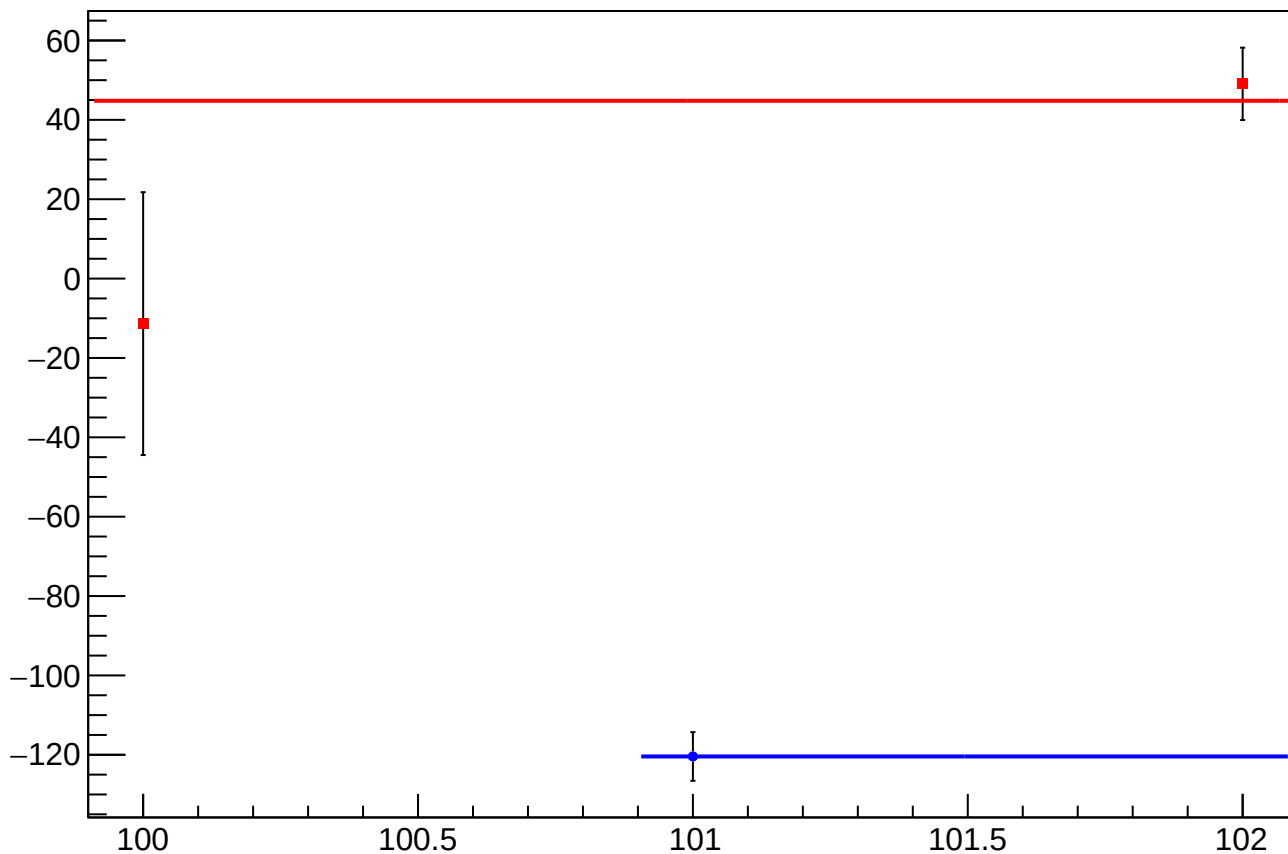
Right: -273.386+/-3.560 χ^2/NDF : 9.5/2

In: -271.848+/-4.603 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -273.386+/-3.560 χ^2/NDF : 9.5/2

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -120.420+/-6.135 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.811+/-8.794 χ^2/NDF : 3.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

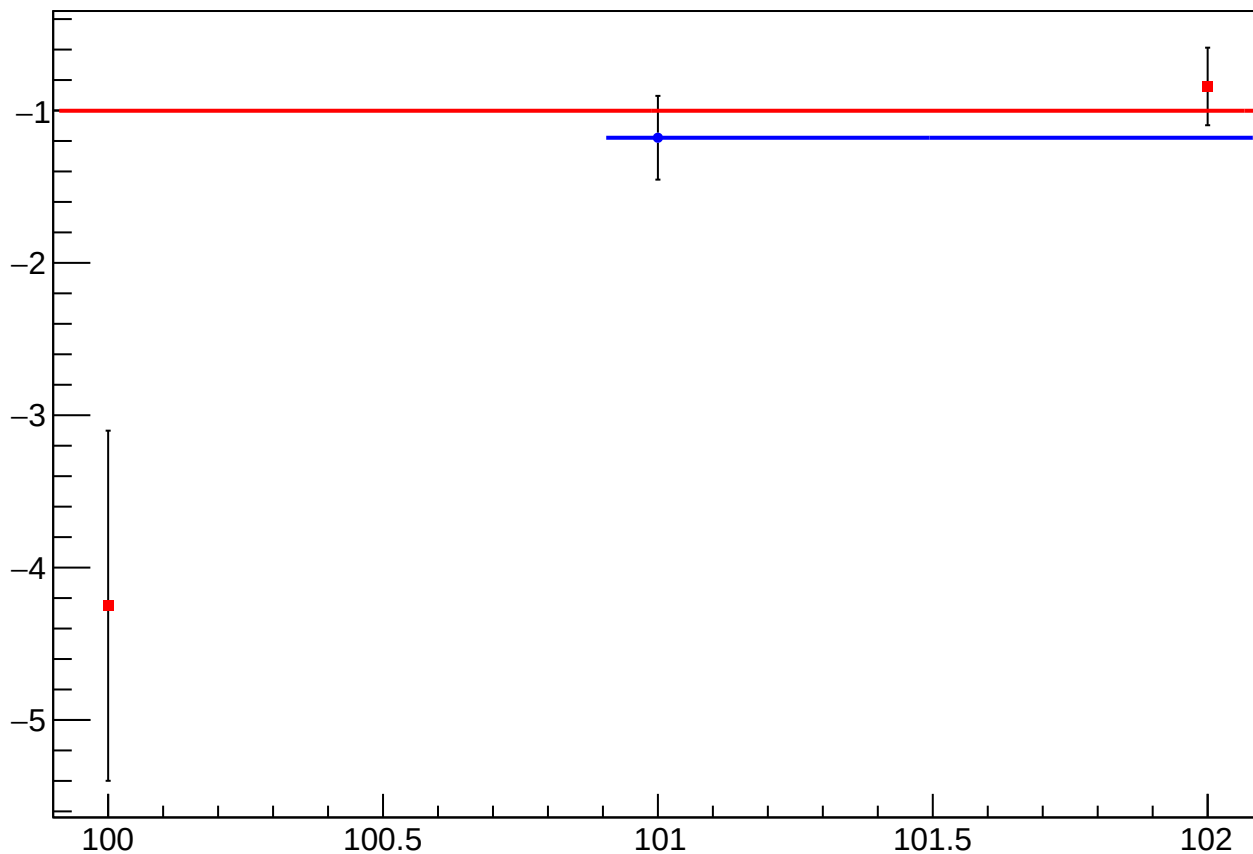
Right: -66.331+/-5.031 χ^2/NDF : 240.6/2

In: -120.420+/-6.135 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -66.331+/-5.031 χ^2/NDF : 240.6/2

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.179+/-0.275 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.002+/-0.249 χ^2/NDF : 8.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

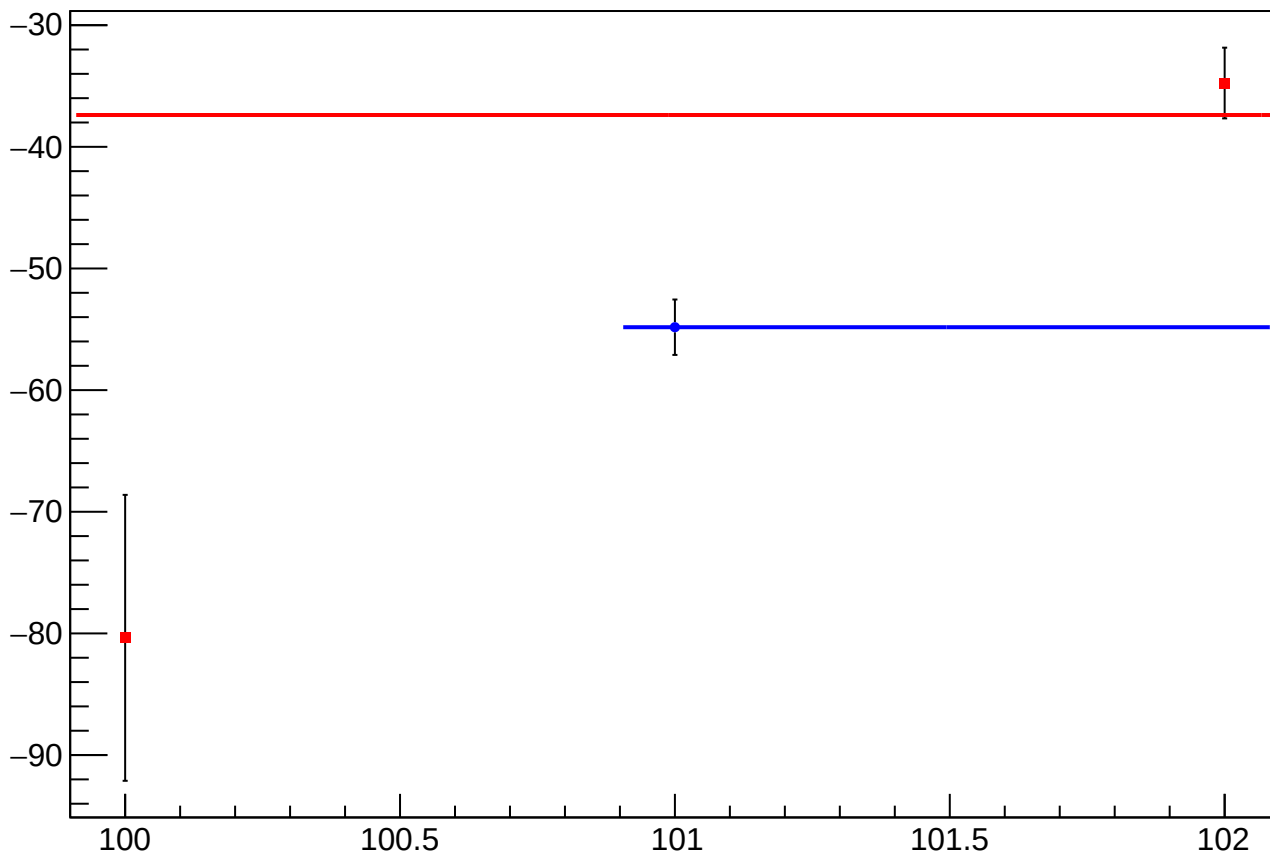
Right: -1.081+/-0.184 χ^2/NDF : 8.6/2

In: -1.179+/-0.275 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.081+/-0.184 χ^2/NDF : 8.6/2

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -54.828+/-2.277 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -37.384+/-2.822 χ^2/NDF : 14.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

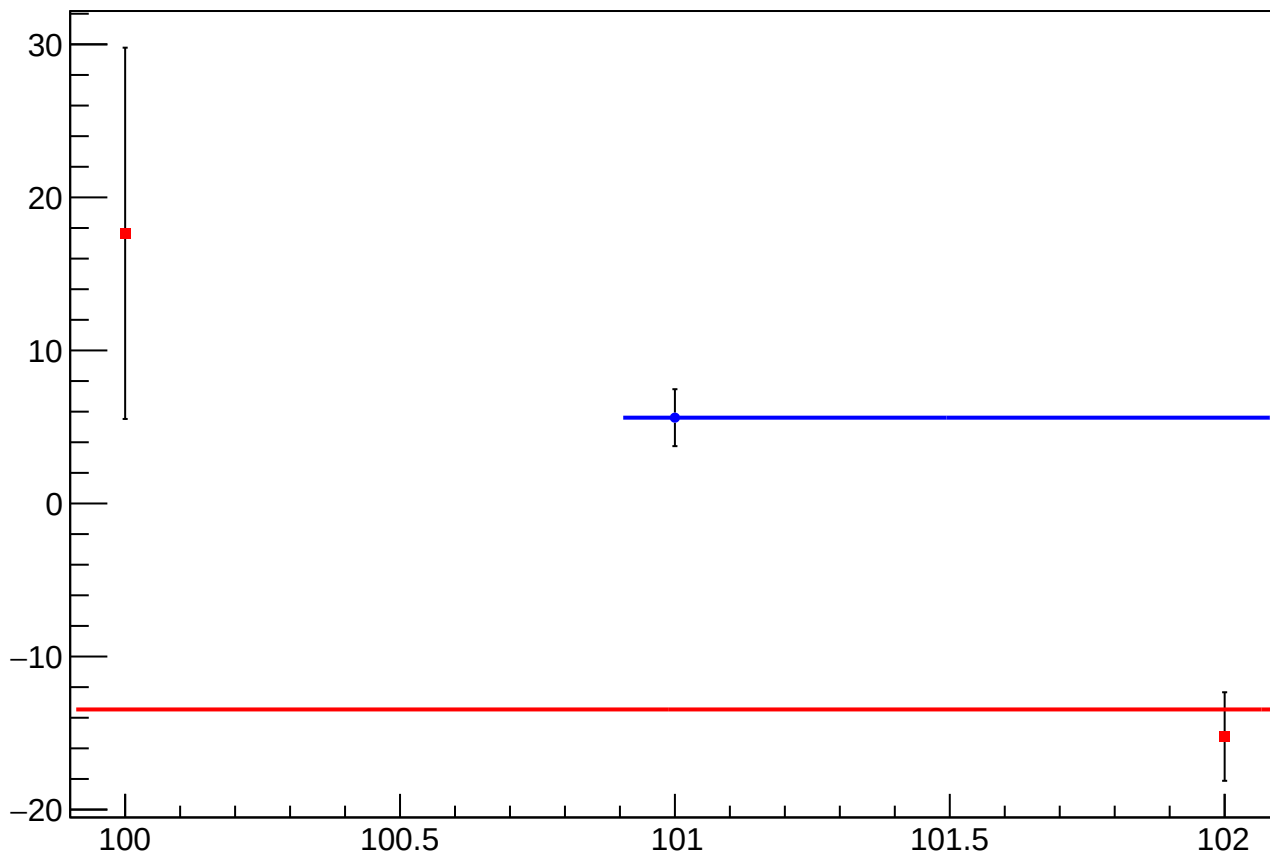
Right: -47.948+/-1.772 χ^2/NDF : 37.3/2

In: -54.828+/-2.277 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.948+/-1.772 χ^2/NDF : 37.3/2

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.607 $\pm$ 1.860 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -13.458 $\pm$ -2.814 χ^2 /NDF: 7.0/1

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

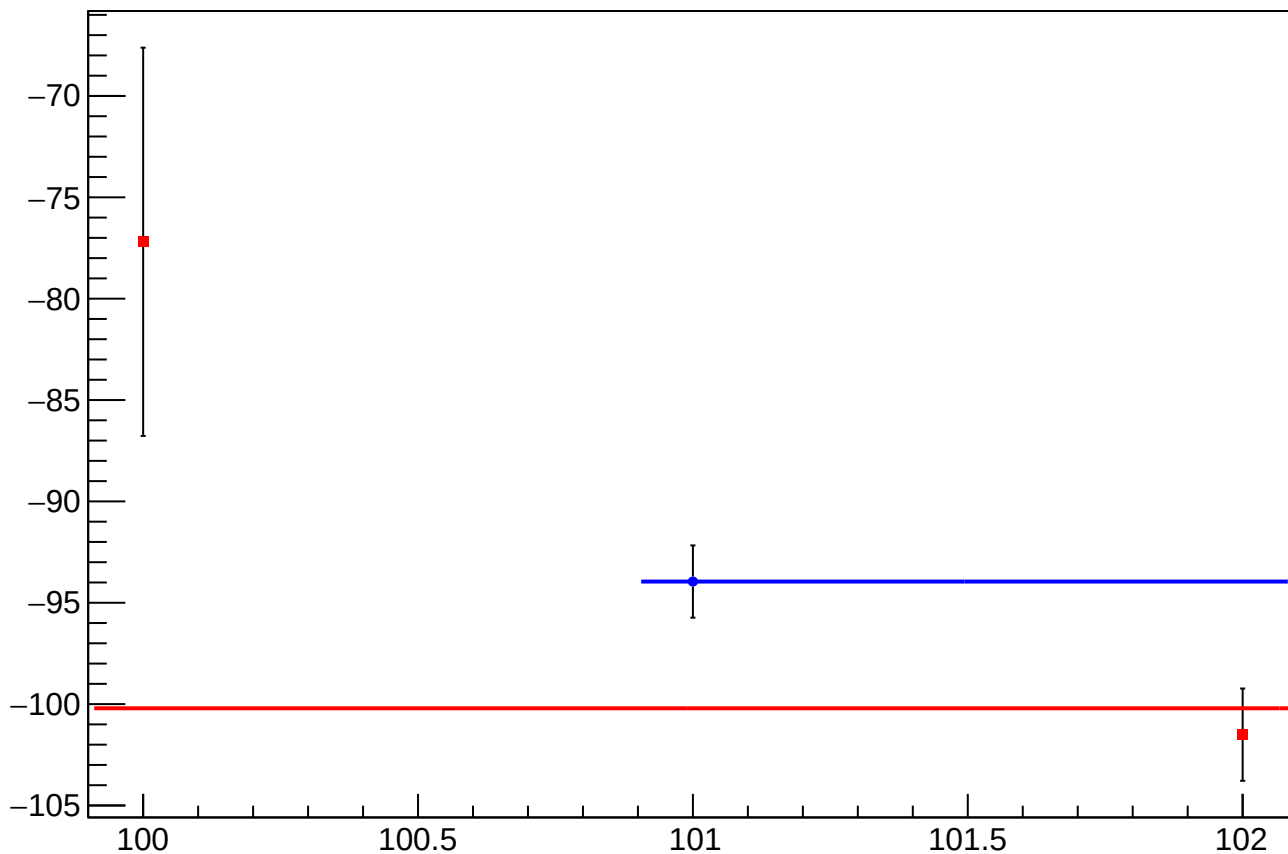
Right: -0.192 $\pm$ -1.552 χ^2 /NDF: 38.9/2

In: 5.607 $\pm$ -1.860 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: -0.192 $\pm$ -1.552 χ^2 /NDF: 38.9/2

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -93.954 $\pm$ 1.783 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -100.206 $\pm$ 2.215 χ^2 /NDF: 6.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

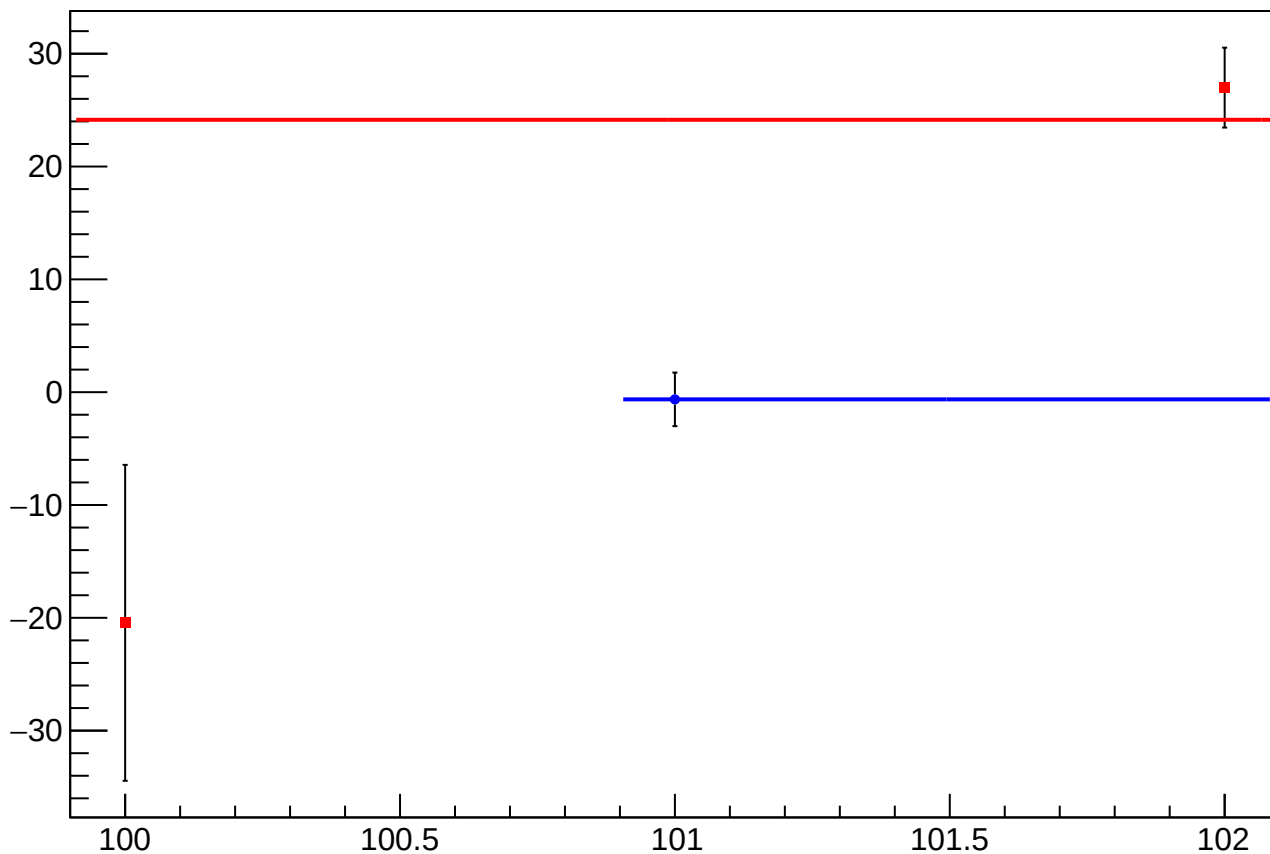
Right: -96.412 $\pm$ 1.389 χ^2 /NDF: 10.9/2

In: -93.954 $\pm$ 1.783 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -96.412 $\pm$ 1.389 χ^2 /NDF: 10.9/2

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.637 ± 2.374 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 24.144 ± 3.432 $\chi^2/\text{NDF}: 10.8/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

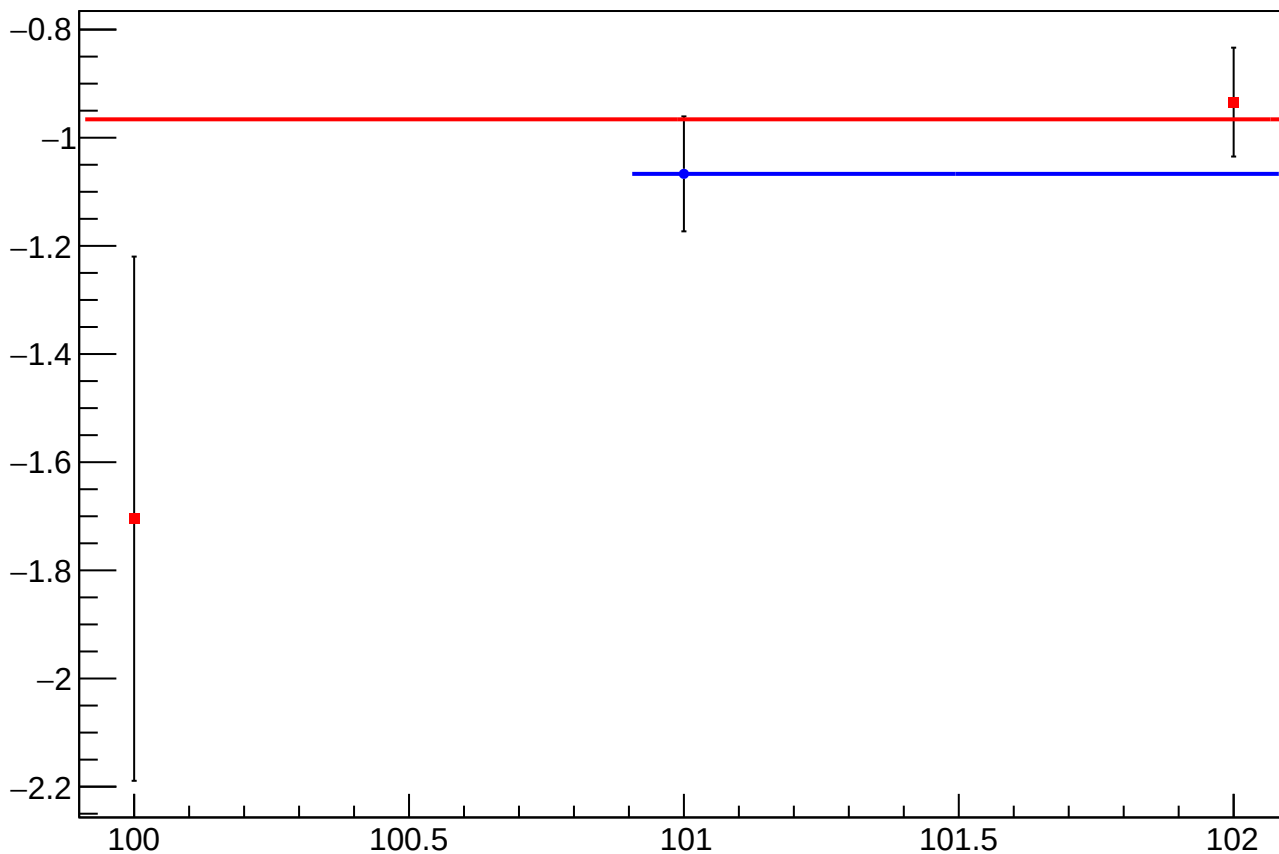
Right: 7.381 ± 1.952 $\chi^2/\text{NDF}: 46.1/2$

In: -0.637 ± 2.374 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 7.381 ± 1.952 $\chi^2/\text{NDF}: 46.1/2$

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.067 ± 0.106 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.966 ± 0.099 $\chi^2/\text{NDF}: 2.4/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

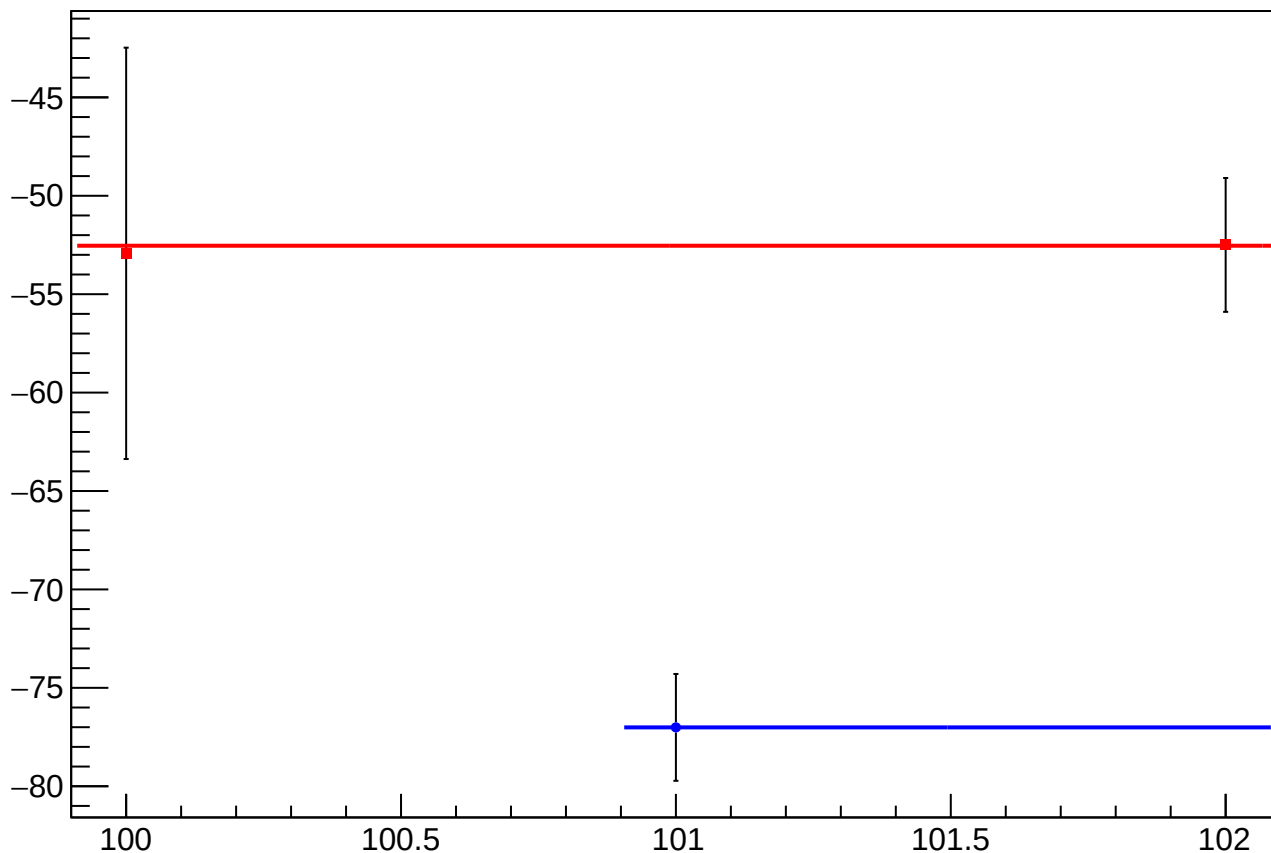
Right: -1.013 ± 0.072 $\chi^2/\text{NDF}: 2.9/2$

In: -1.067 ± 0.106 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.013 ± 0.072 $\chi^2/\text{NDF}: 2.9/2$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -77.010 $\pm$ 2.714 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -52.538 $\pm$ 3.233 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

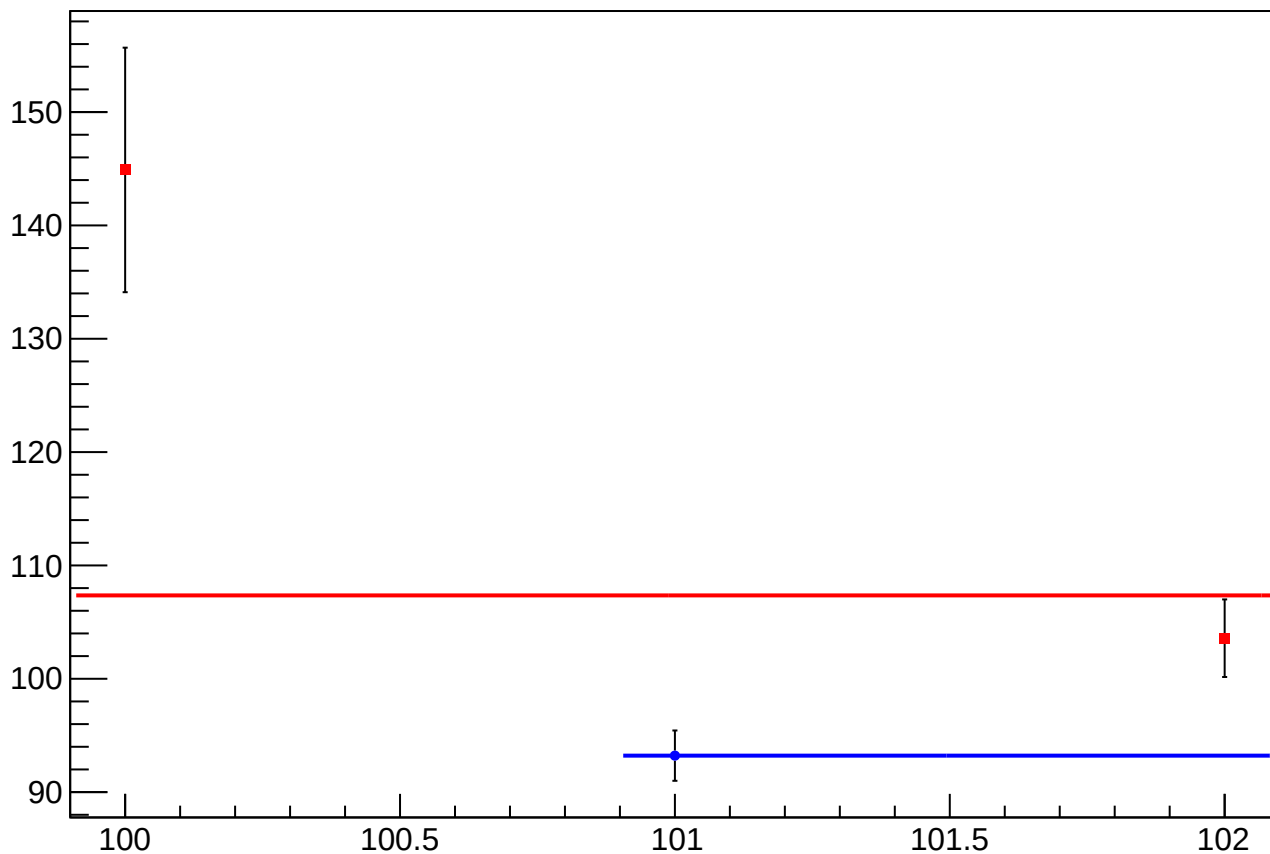
Right: -66.896 $\pm$ 2.079 χ^2 /NDF: 33.6/2

In: -77.010 $\pm$ 2.714 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -66.896 $\pm$ 2.079 χ^2 /NDF: 33.6/2

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 93.218+/-2.220 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.356+/-3.262 χ^2/NDF : 13.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

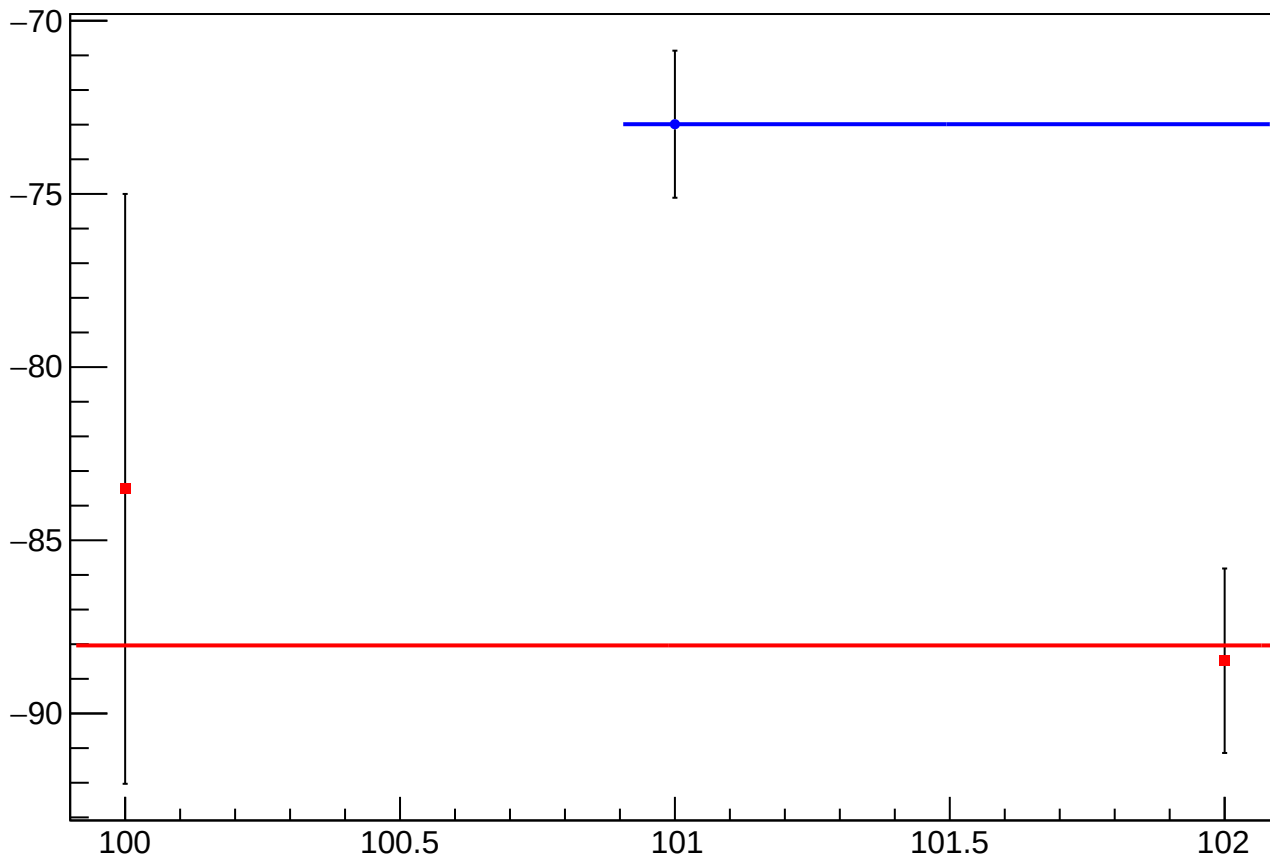
Right: 97.693+/-1.835 χ^2/NDF : 26.2/2

In: 93.218+/-2.220 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.693+/-1.835 χ^2/NDF : 26.2/2

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.987 $\pm$ 2.123 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -88.035 $\pm$ 2.542 χ^2 /NDF: 0.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

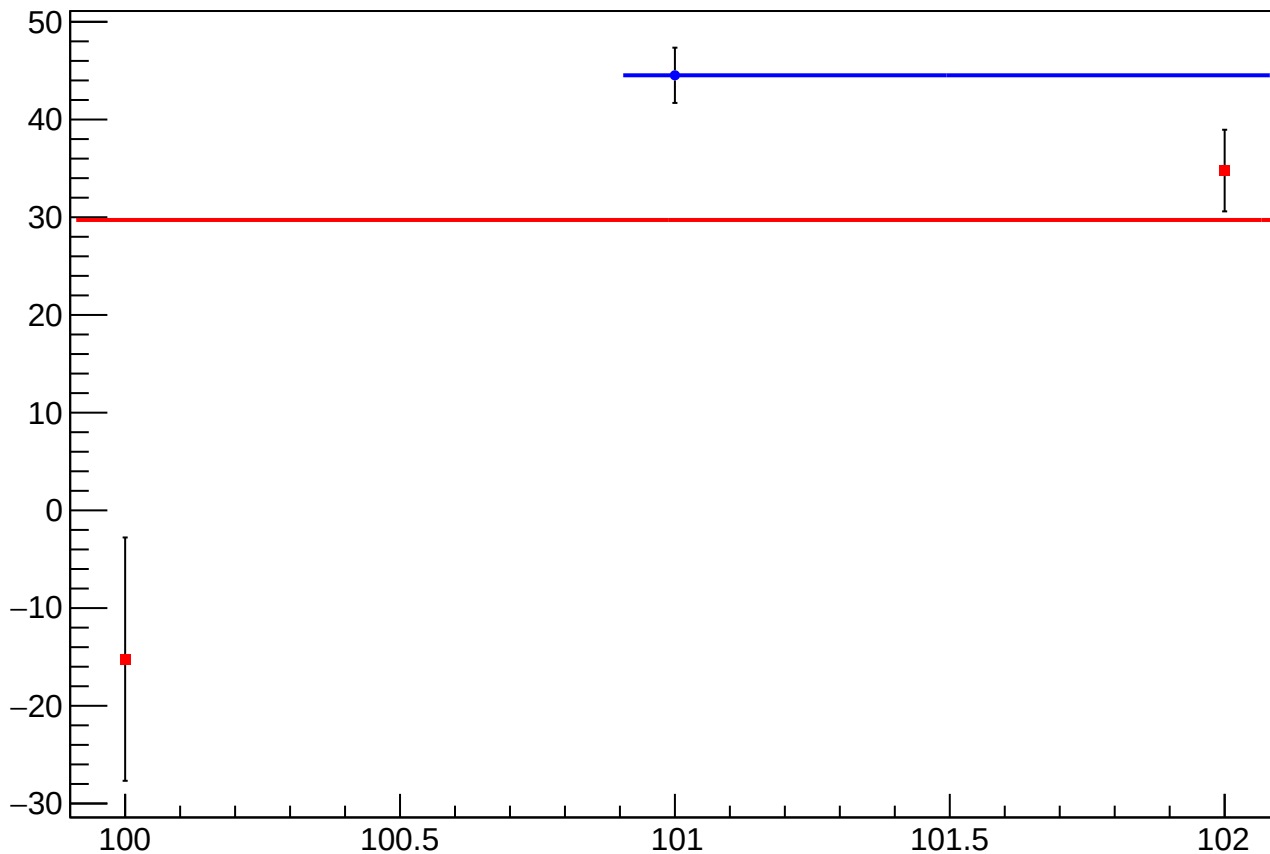
Right: -79.172 $\pm$ 1.629 χ^2 /NDF: 21.0/2

In: -72.987 $\pm$ 2.123 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -79.172 $\pm$ 1.629 χ^2 /NDF: 21.0/2

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 44.527+/-2.828 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.720+/-3.960 χ^2/NDF : 14.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

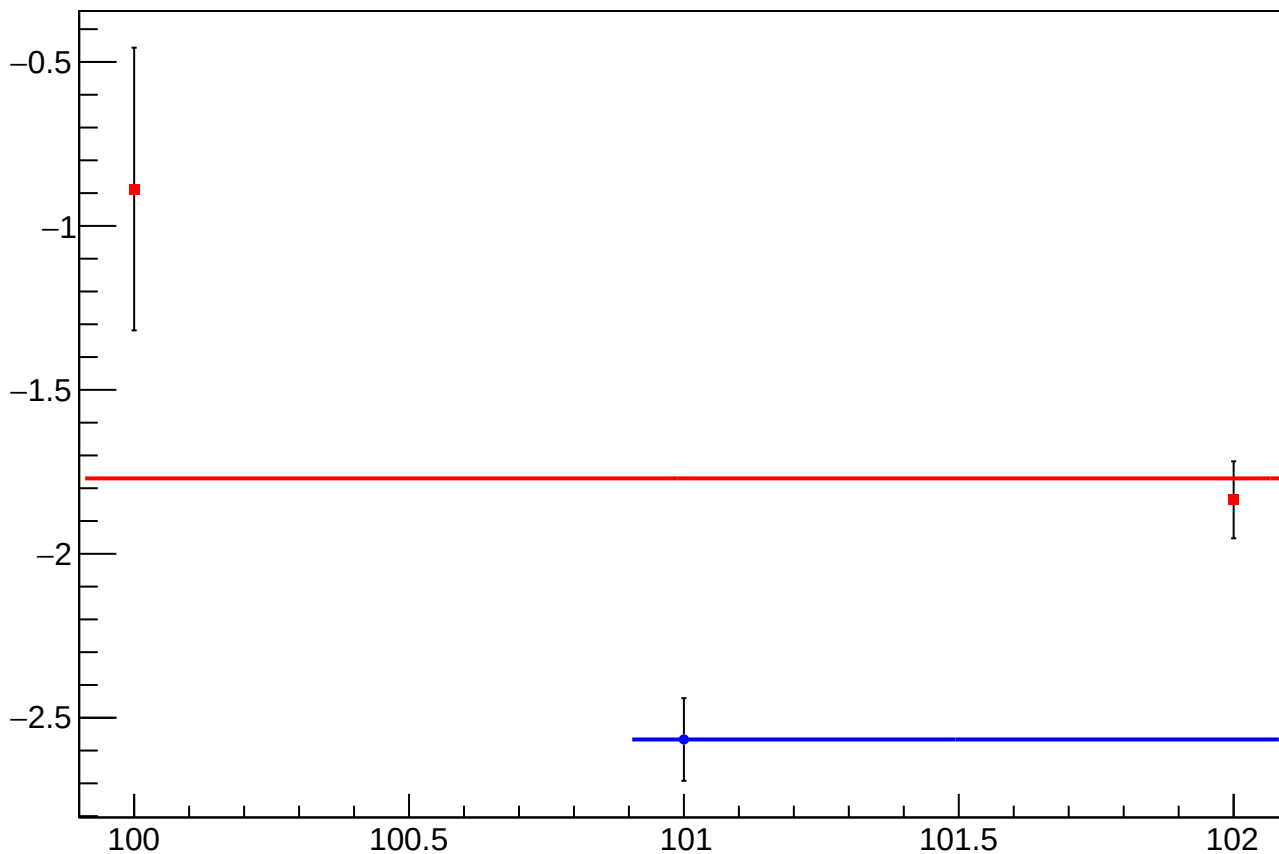
Right: 39.526+/-2.301 χ^2/NDF : 23.8/2

In: 44.527+/-2.828 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.526+/-2.301 χ^2/NDF : 23.8/2

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -2.566+/-0.126 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.770+/-0.113 χ^2/NDF : 4.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

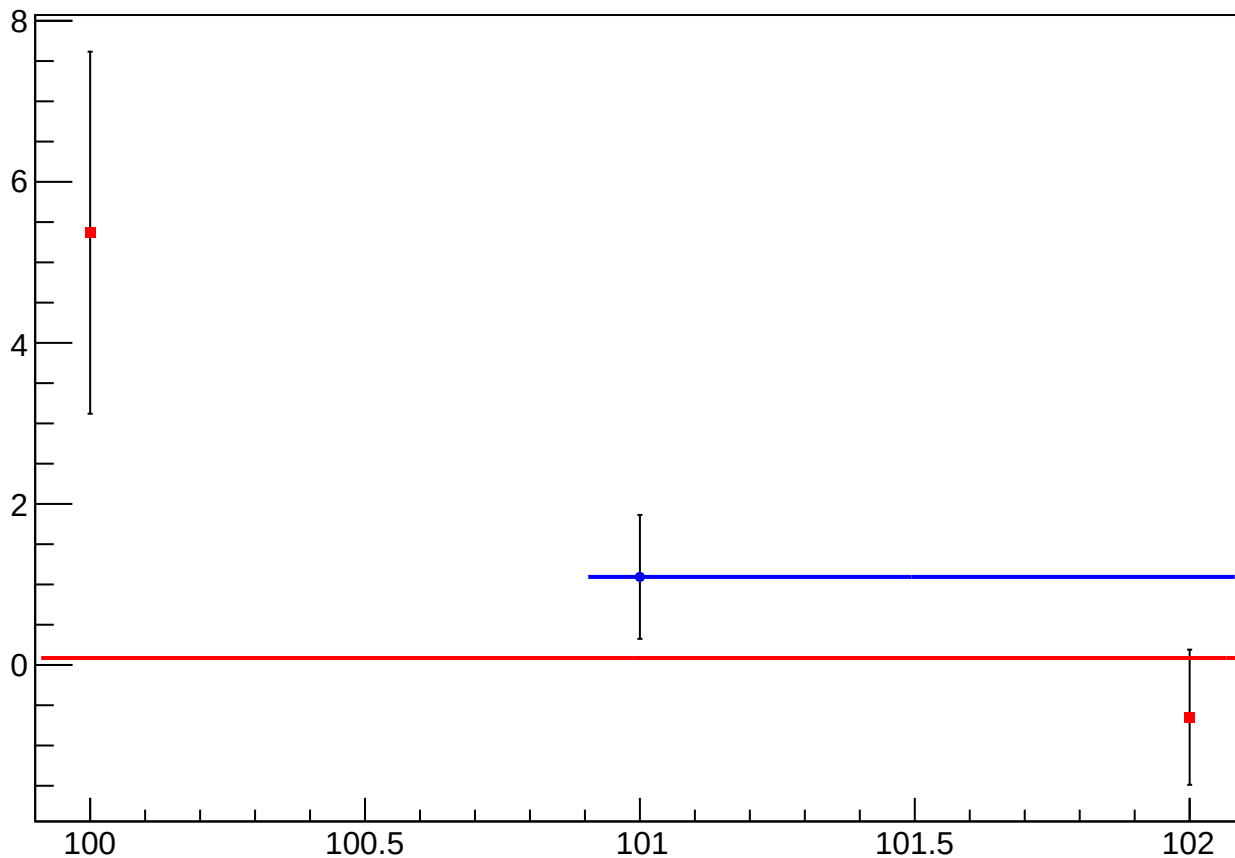
Right: -2.125+/-0.084 χ^2/NDF : 26.6/2

In: -2.566+/-0.126 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.125+/-0.084 χ^2/NDF : 26.6/2

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.094+/-0.769 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.087+/-0.786 χ^2/NDF : 6.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

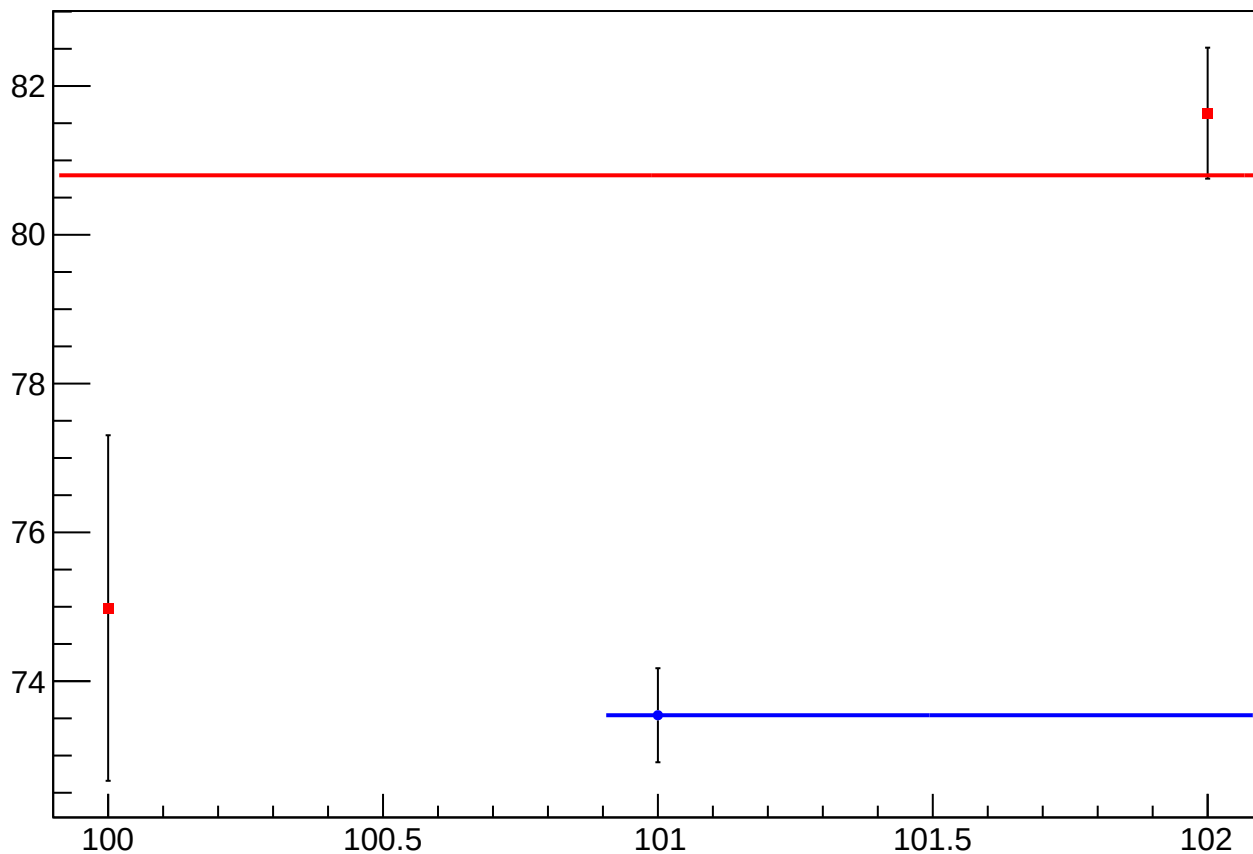
Right: 0.601+/-0.550 χ^2/NDF : 7.1/2

In: 1.094+/-0.769 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.601+/-0.550 χ^2/NDF : 7.1/2

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 73.542 $\pm$ 0.632 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 80.800 $\pm$ 0.823 χ^2 /NDF: 7.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

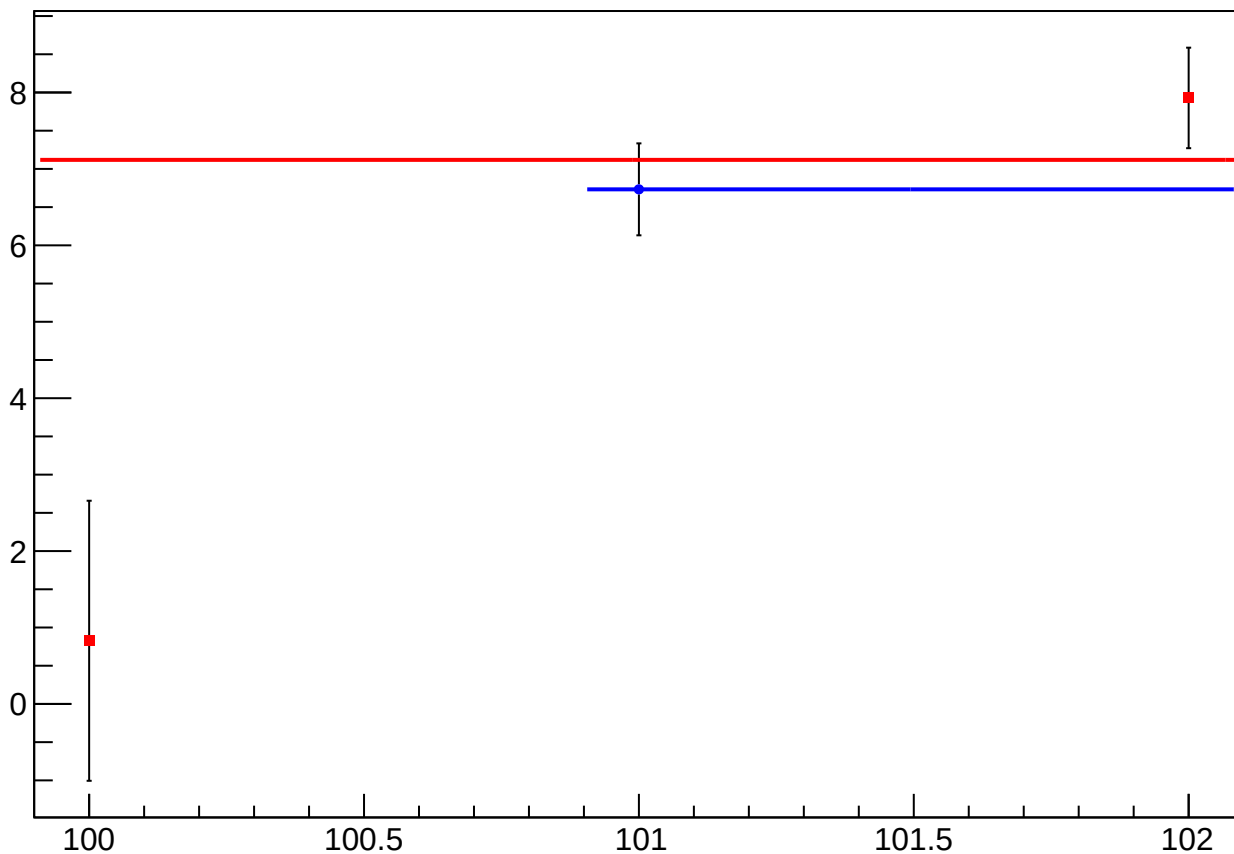
Right: 76.234 $\pm$ 0.501 χ^2 /NDF: 56.1/2

In: 73.542 $\pm$ 0.632 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 76.234 $\pm$ 0.501 χ^2 /NDF: 56.1/2

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.733 $\pm$ 0.602 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7.118 $\pm$ 0.619 χ^2 /NDF: 13.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

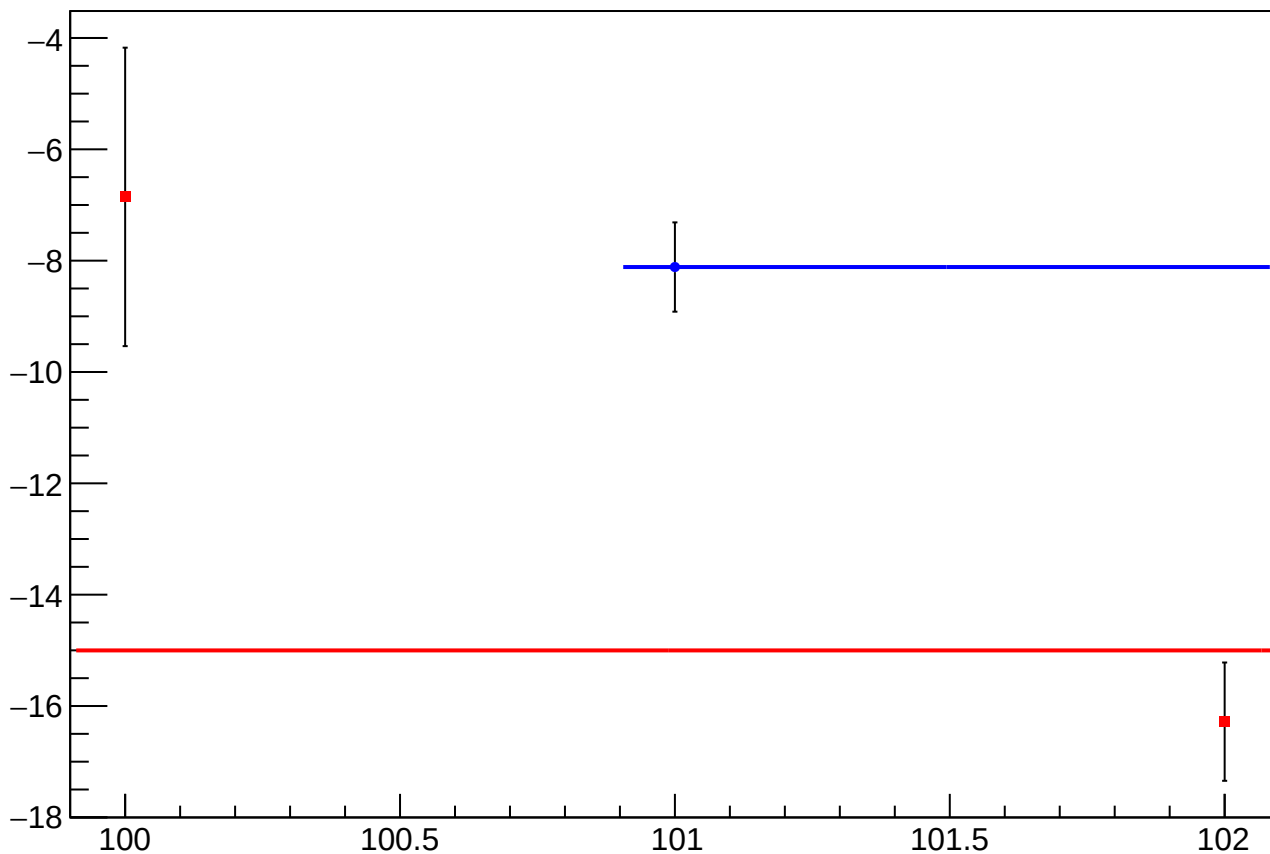
Right: 6.920 $\pm$ 0.431 χ^2 /NDF: 13.5/2

In: 6.733 $\pm$ 0.602 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.920 $\pm$ 0.431 χ^2 /NDF: 13.5/2

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -8.115+/-0.802 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.001+/-0.988 χ^2/NDF : 10.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

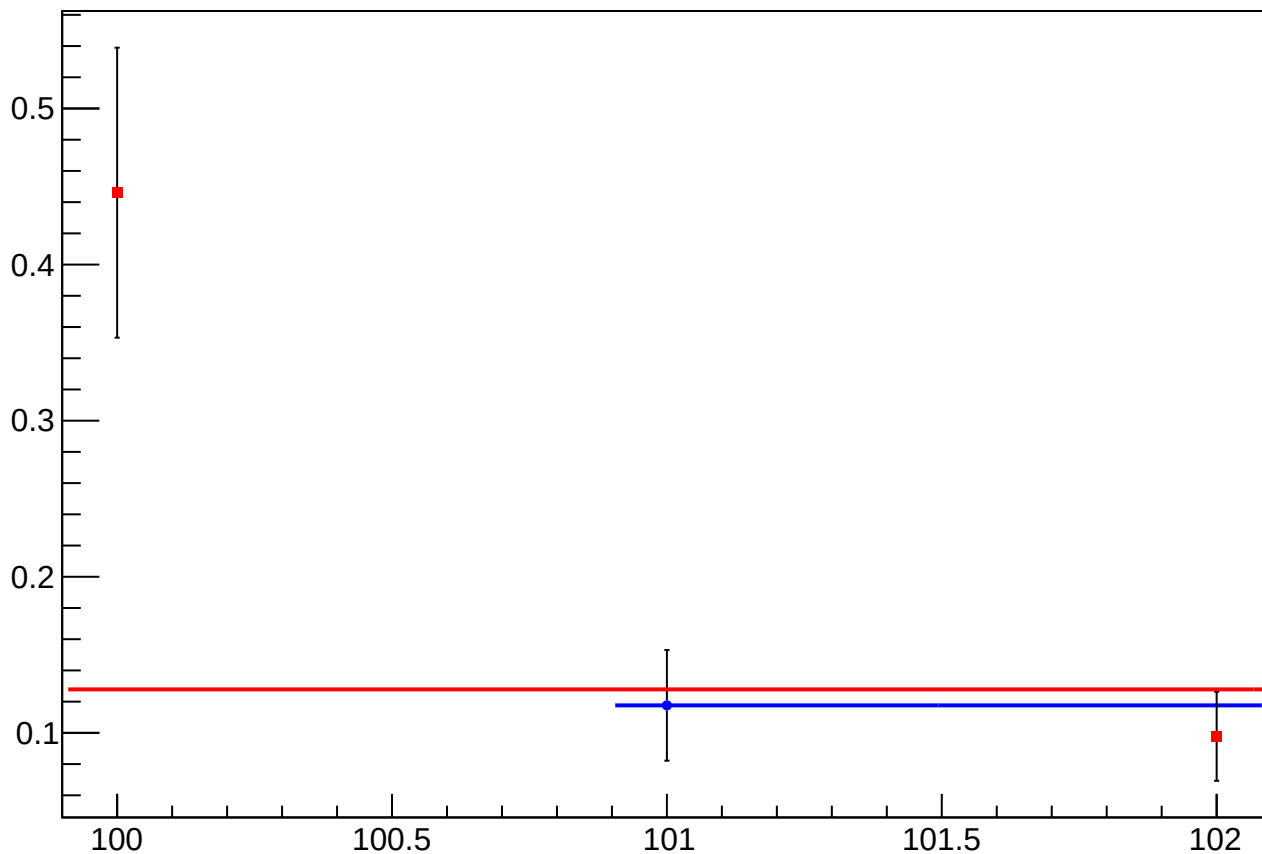
Right: -10.851+/-0.623 χ^2/NDF : 40.0/2

In: -8.115+/-0.802 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.851+/-0.623 χ^2/NDF : 40.0/2

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.118 $\pm$ 0.035 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.128 $\pm$ 0.027 χ^2 /NDF: 12.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

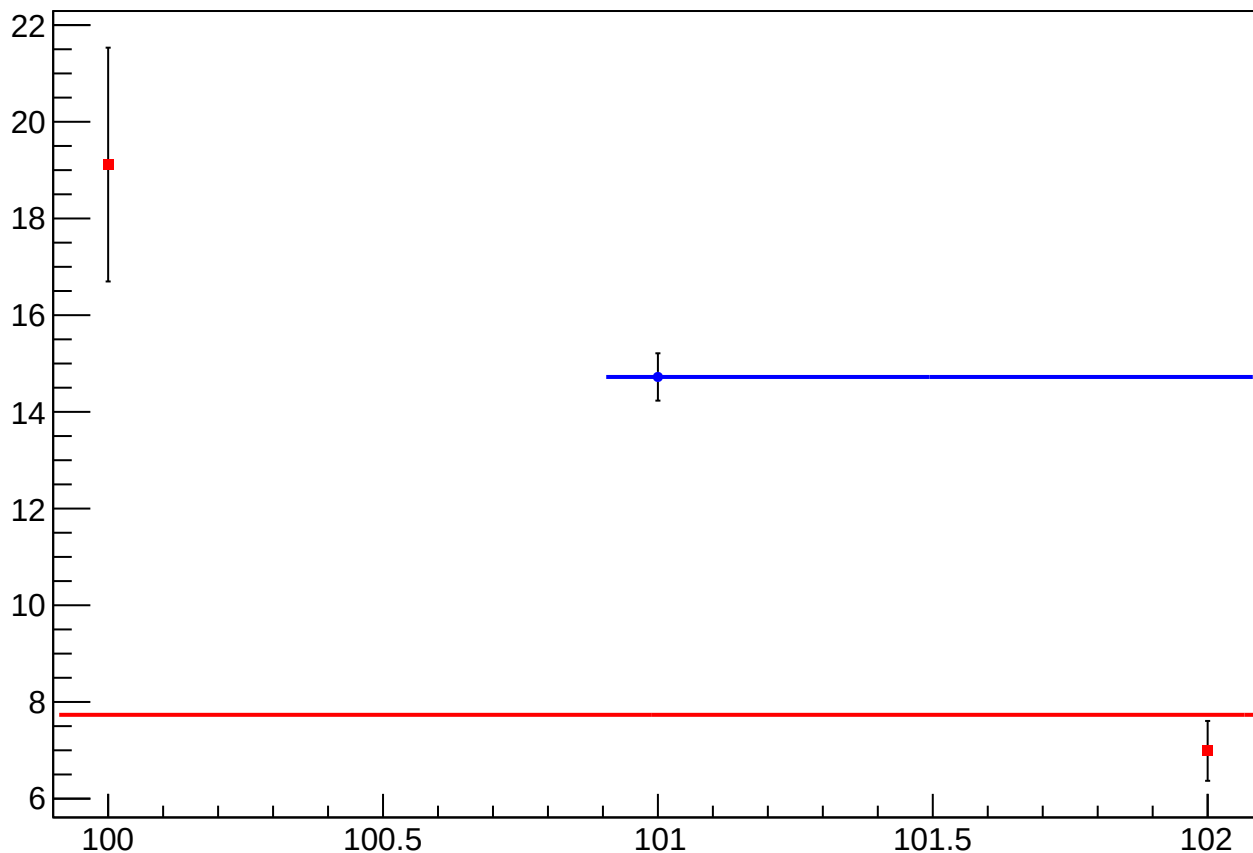
Right: 0.124 $\pm$ 0.022 χ^2 /NDF: 12.9/2

In: 0.118 $\pm$ 0.035 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.124 $\pm$ 0.022 χ^2 /NDF: 12.9/2

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 14.722+/-0.490 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.734+/-0.600 χ^2/NDF : 23.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

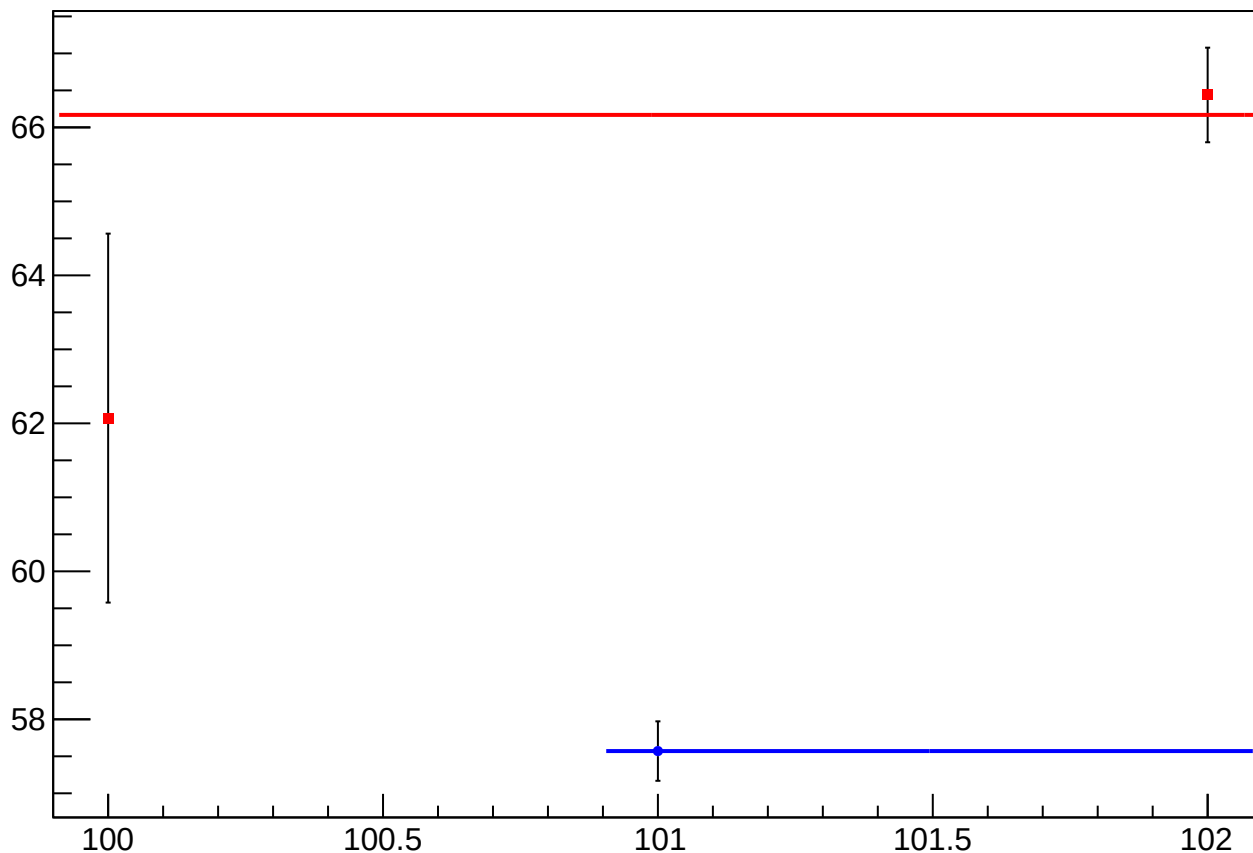
Right: 11.927+/-0.379 χ^2/NDF : 105.1/2

In: 14.722+/-0.490 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.927+/-0.379 χ^2/NDF : 105.1/2

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 57.571+/-0.402 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.169+/-0.619 χ^2/NDF : 2.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

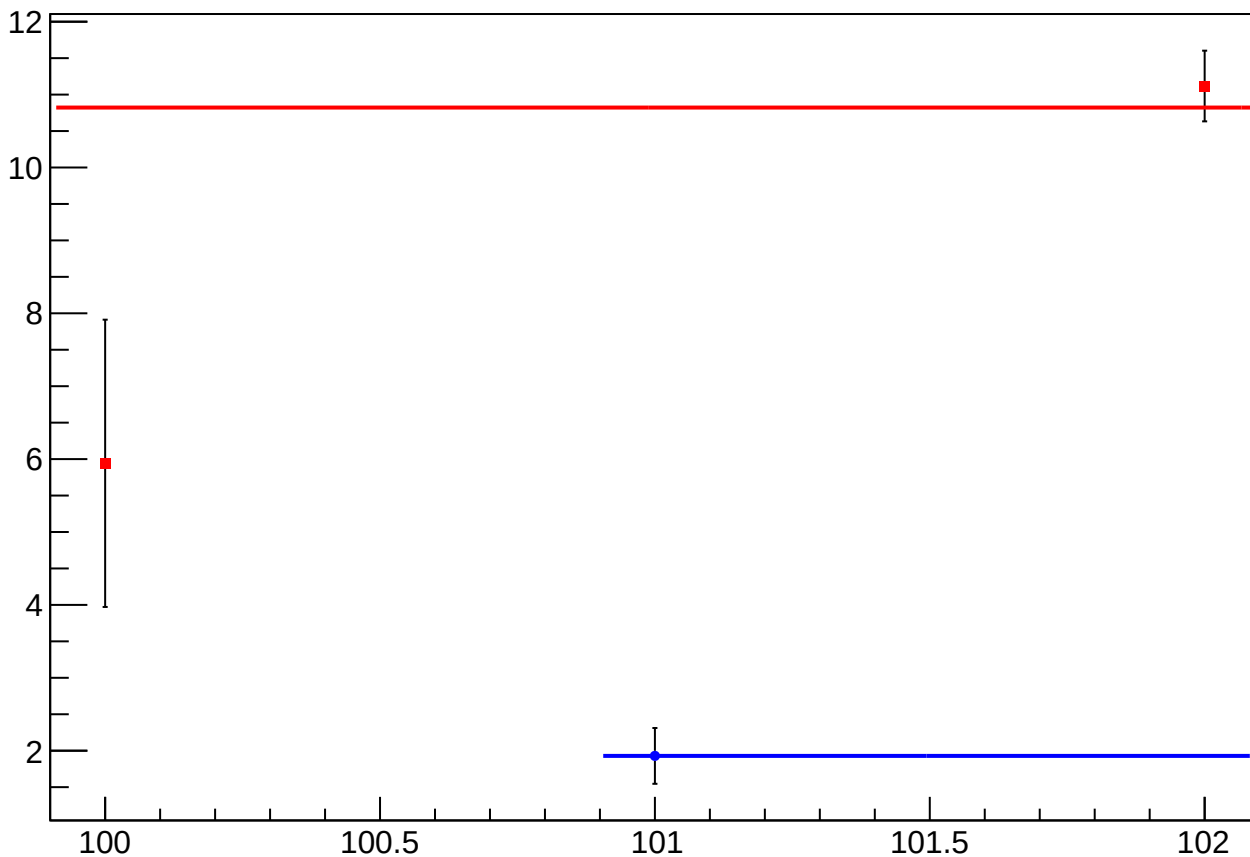
Right: 60.119+/-0.337 χ^2/NDF : 138.6/2

In: 57.571+/-0.402 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.119+/-0.337 χ^2/NDF : 138.6/2

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.929+/-0.383 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.822+/-0.471 χ^2/NDF : 6.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

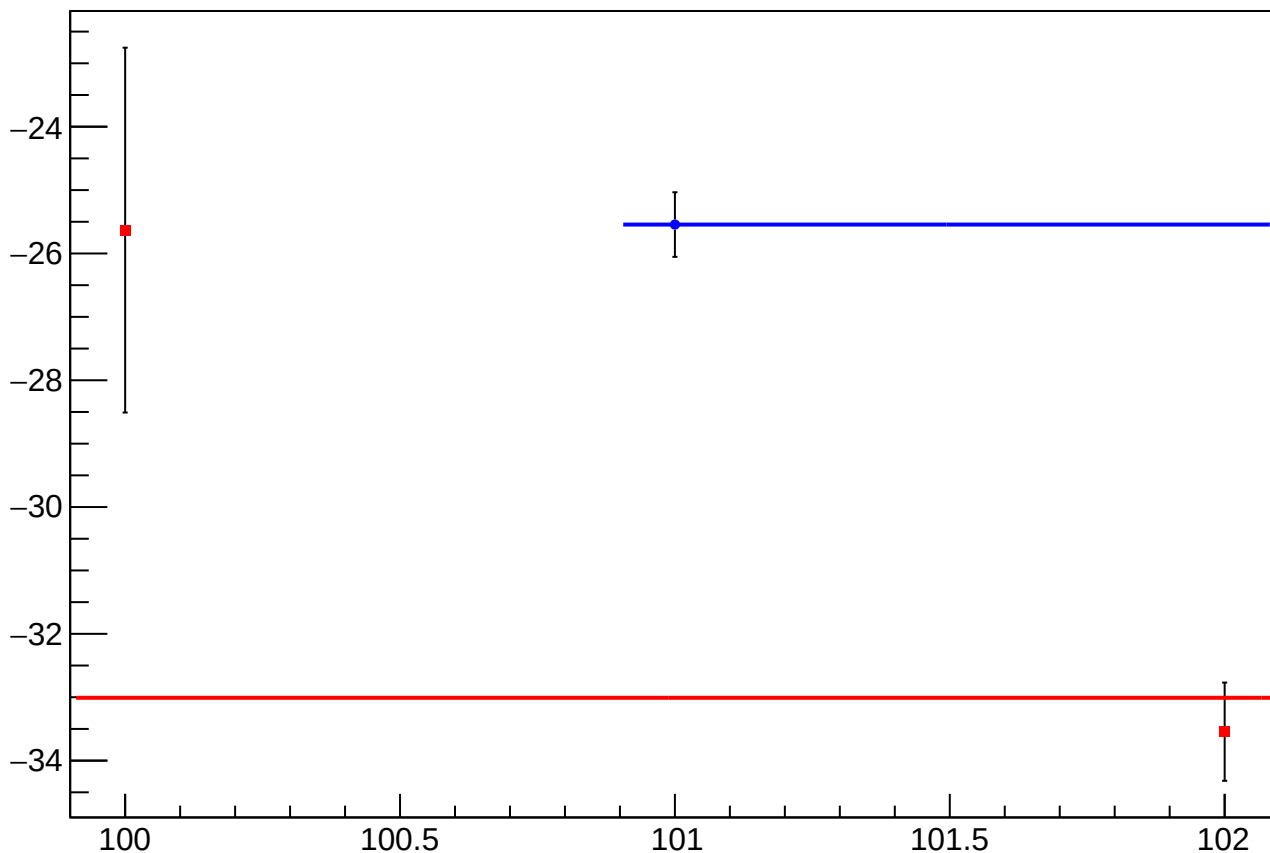
Right: 5.468+/-0.297 χ^2/NDF : 221.4/2

In: 1.929+/-0.383 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.468+/-0.297 χ^2/NDF : 221.4/2

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -25.544 $\pm$ 0.510 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -33.009 $\pm$ 0.748 χ^2 /NDF: 7.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

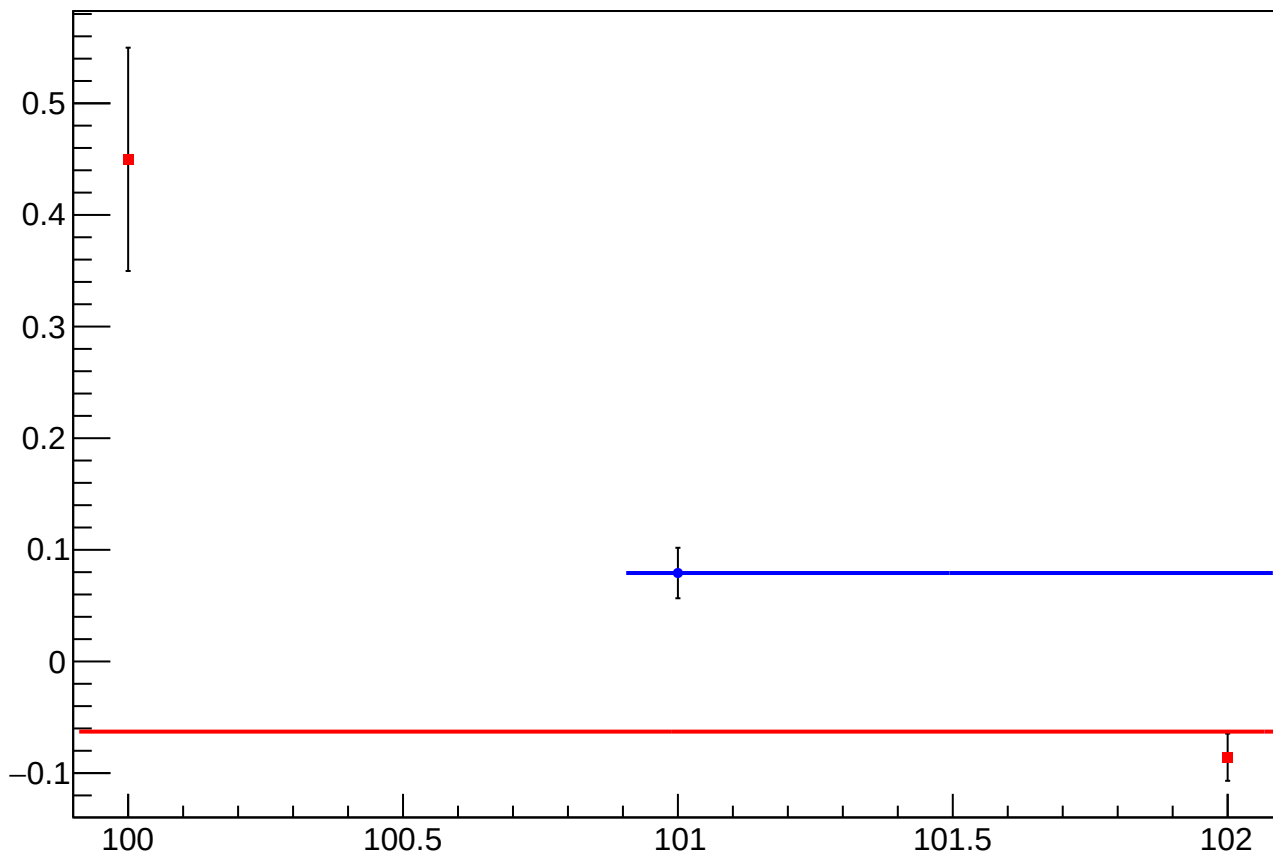
Right: -27.911 $\pm$ 0.421 χ^2 /NDF: 75.1/2

In: -25.544 $\pm$ 0.510 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -27.911 $\pm$ 0.421 χ^2 /NDF: 75.1/2

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.079 $\pm$ 0.023 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.063 $\pm$ 0.021 χ^2 /NDF: 27.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

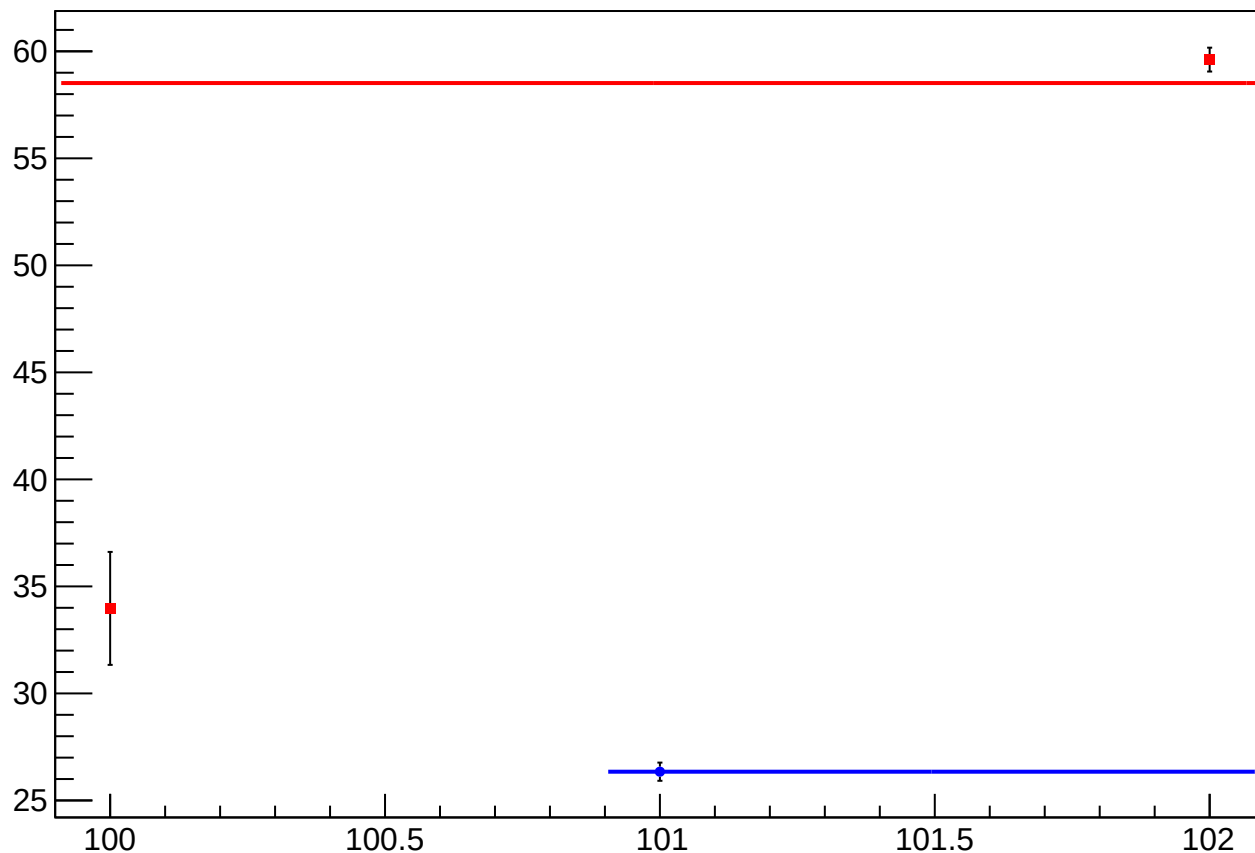
Right: 0.002 $\pm$ 0.015 χ^2 /NDF: 48.9/2

In: 0.079 $\pm$ 0.023 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.015 χ^2 /NDF: 48.9/2

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 26.343+/-0.425 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.517+/-0.545 χ^2/NDF : 90.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

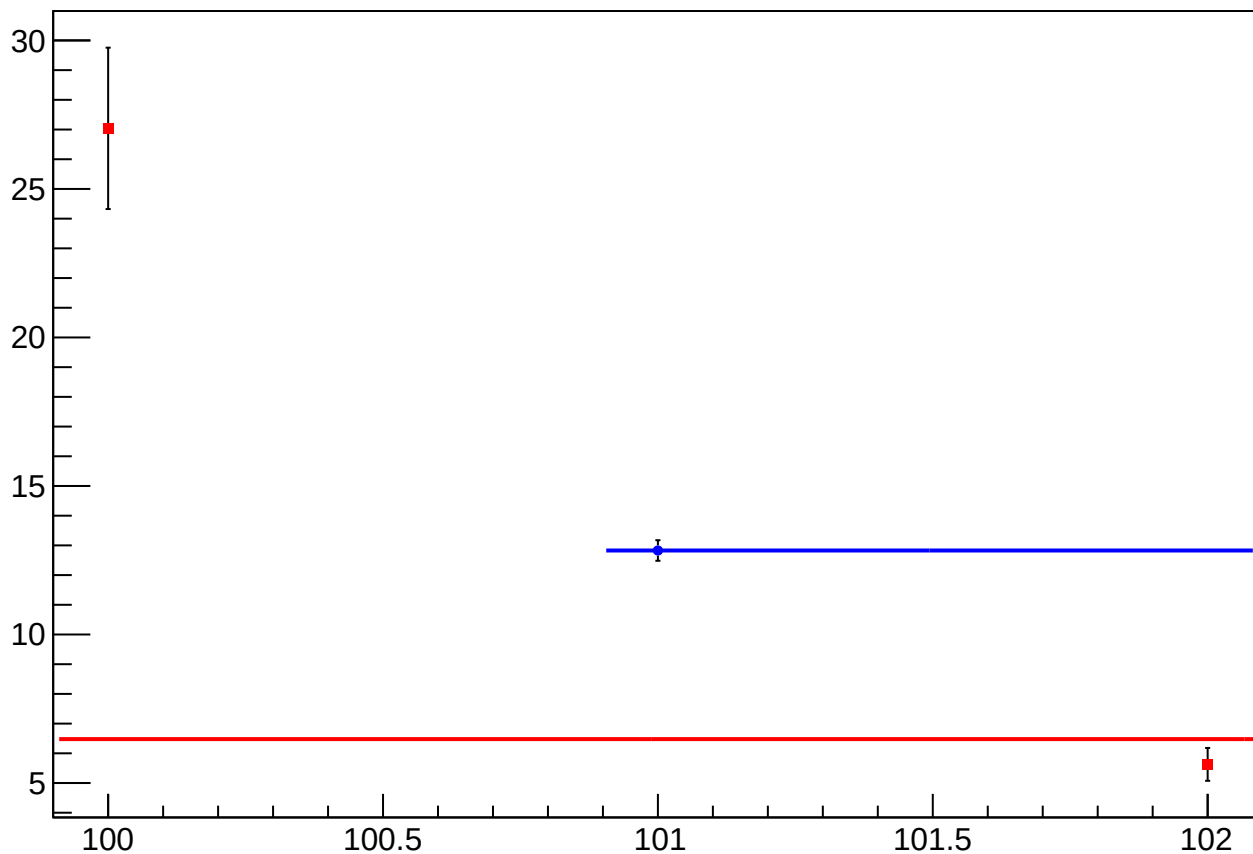
Right: 38.496+/-0.335 χ^2/NDF : 2255.4/2

In: 26.343+/-0.425 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.496+/-0.335 χ^2/NDF : 2255.4/2

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.828 $\pm$ 0.346 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.478 $\pm$ 0.542 χ^2 /NDF: 59.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

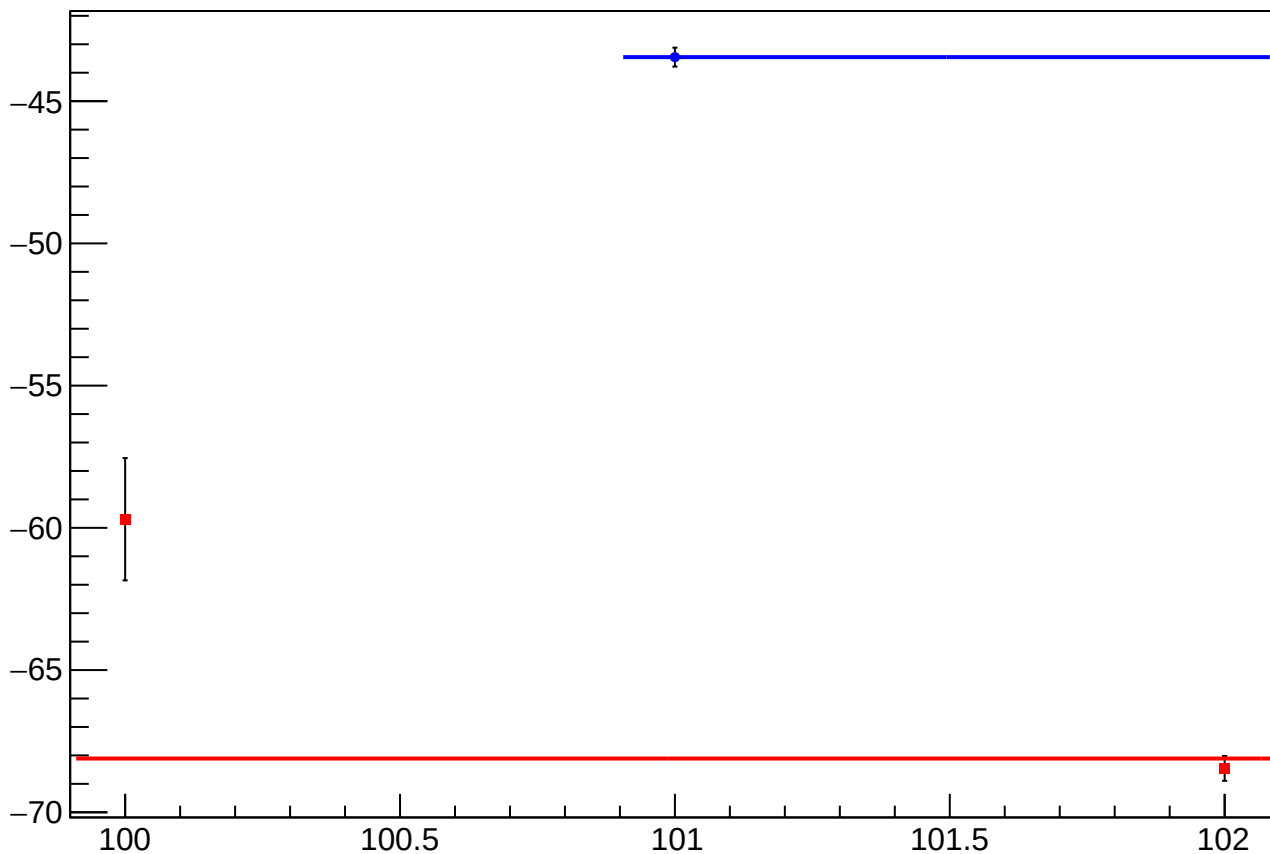
Right: 10.984 $\pm$ 0.292 χ^2 /NDF: 157.2/2

In: 12.828 $\pm$ 0.346 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.984 $\pm$ 0.292 χ^2 /NDF: 157.2/2

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.452±/0.333 χ^2 /NDF: 0.0/0

Left Out: 0.000±/0.000 χ^2 /NDF:0.0/0

Right Out: -68.109±/0.428 χ^2 /NDF: 15.9/1

Left In: 0.000±/0.000 χ^2 /NDF:0.0/0

Left: 0.000±/0.000 χ^2 /NDF: 0.0/0

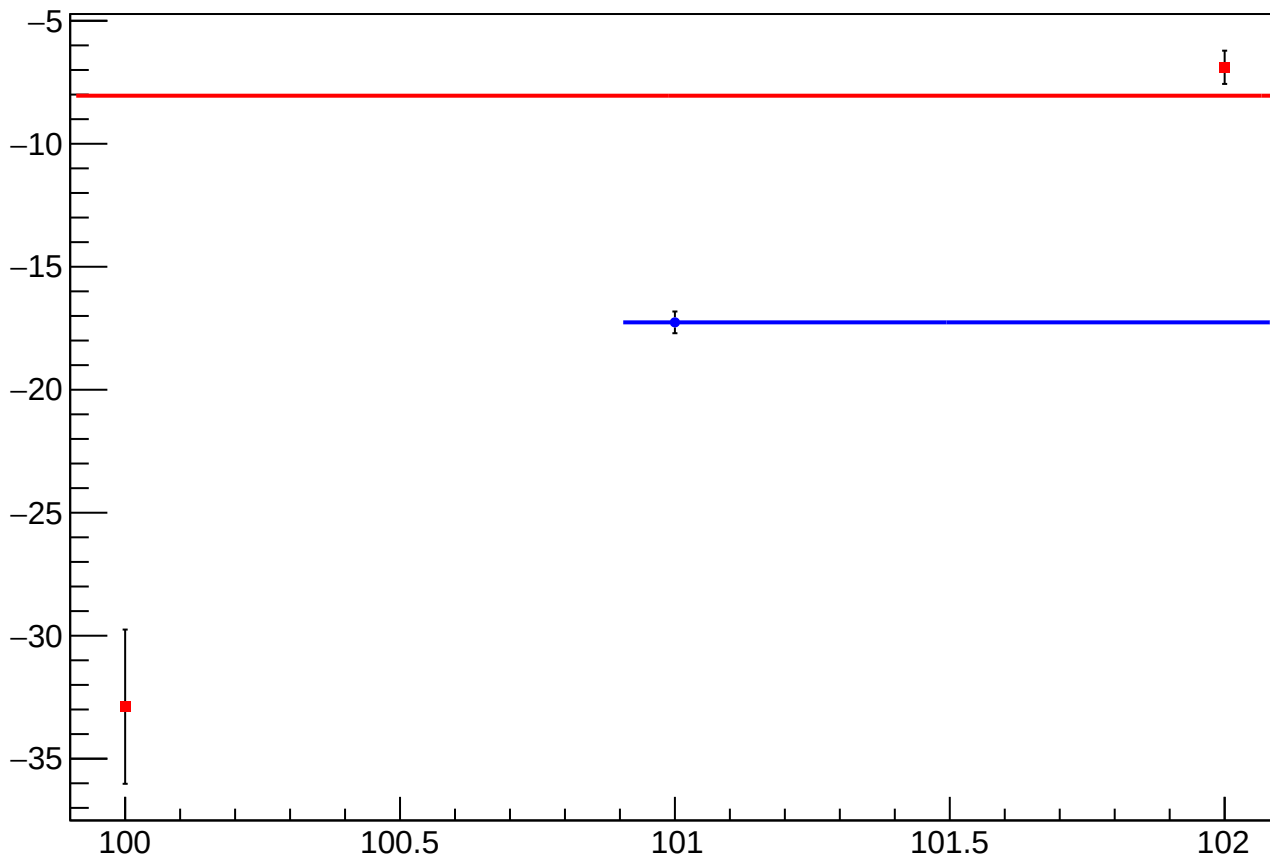
Right: -52.736±/0.263 χ^2 /NDF: 2086.2/2

In: -43.452±/0.333 χ^2 /NDF:0.0/0

Out: 0.000±/0.000 χ^2 /NDF:0.0/0

All: -52.736±/0.263 χ^2 /NDF: 2086.2/2

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -17.261 $\pm$ 0.442 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -8.046 $\pm$ 0.661 χ^2 /NDF: 65.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

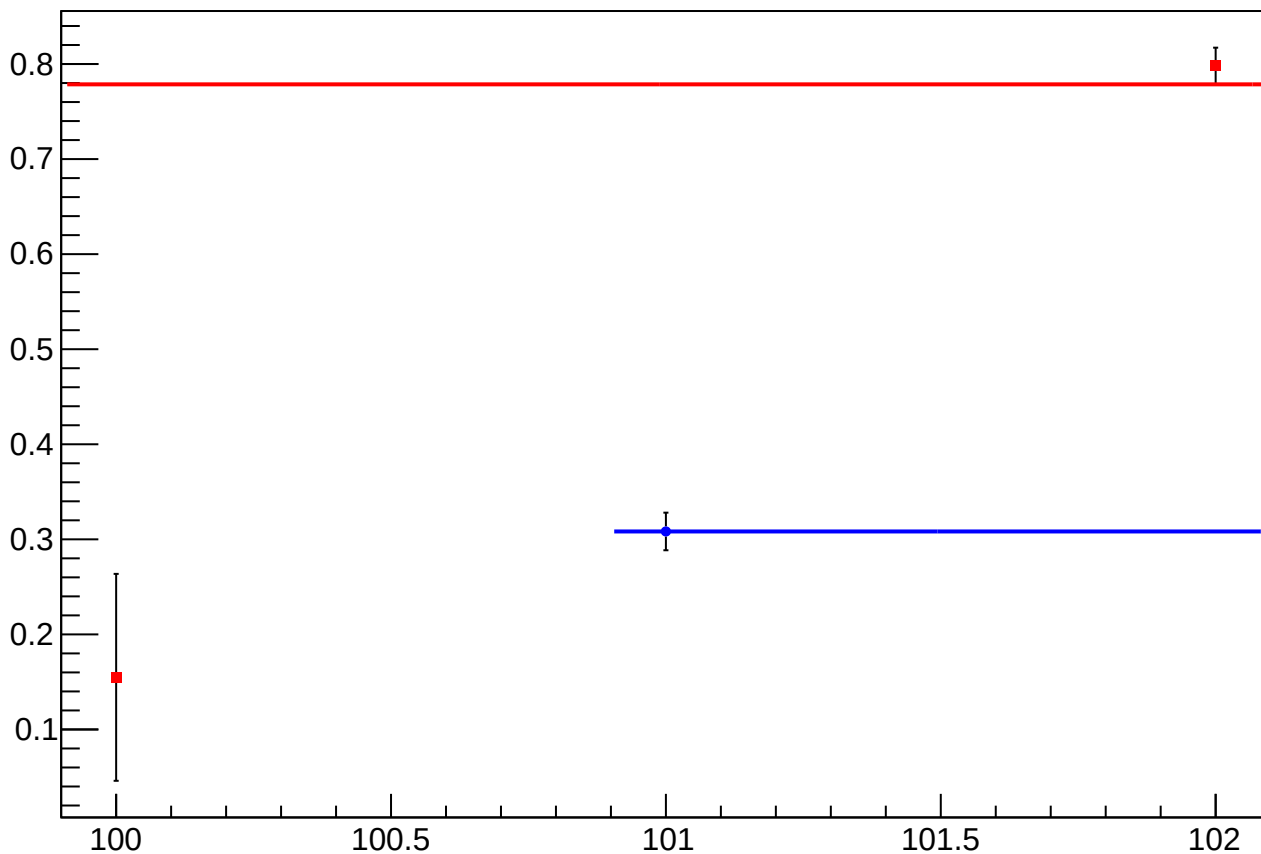
Right: -14.416 $\pm$ 0.367 χ^2 /NDF: 200.1/2

In: -17.261 $\pm$ 0.442 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.416 $\pm$ 0.367 χ^2 /NDF: 200.1/2

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.308 $\pm$ 0.020 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.779 $\pm$ 0.019 χ^2 /NDF: 33.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

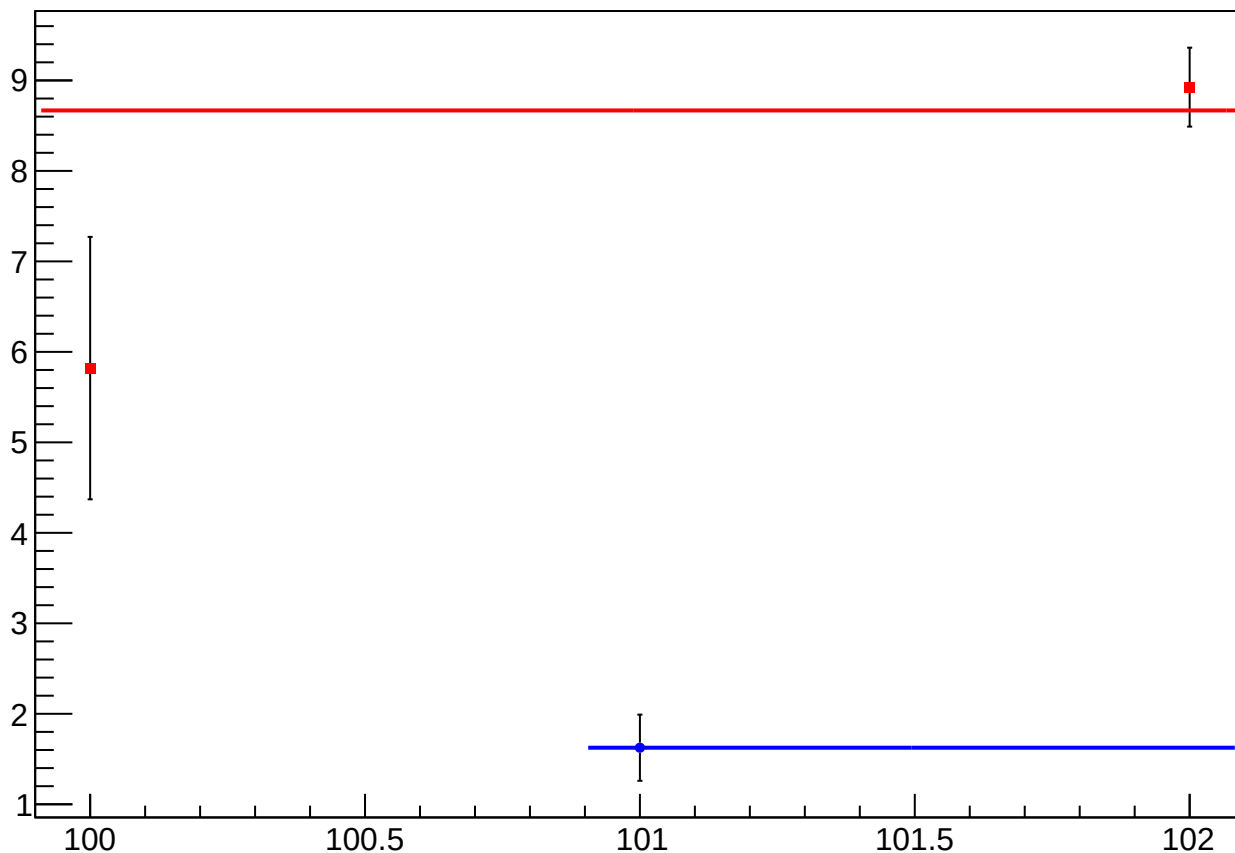
Right: 0.554 $\pm$ 0.014 χ^2 /NDF: 329.6/2

In: 0.308 $\pm$ 0.020 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.554 $\pm$ 0.014 χ^2 /NDF: 329.6/2

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.625+/-0.366 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.668+/-0.418 χ^2/NDF : 4.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

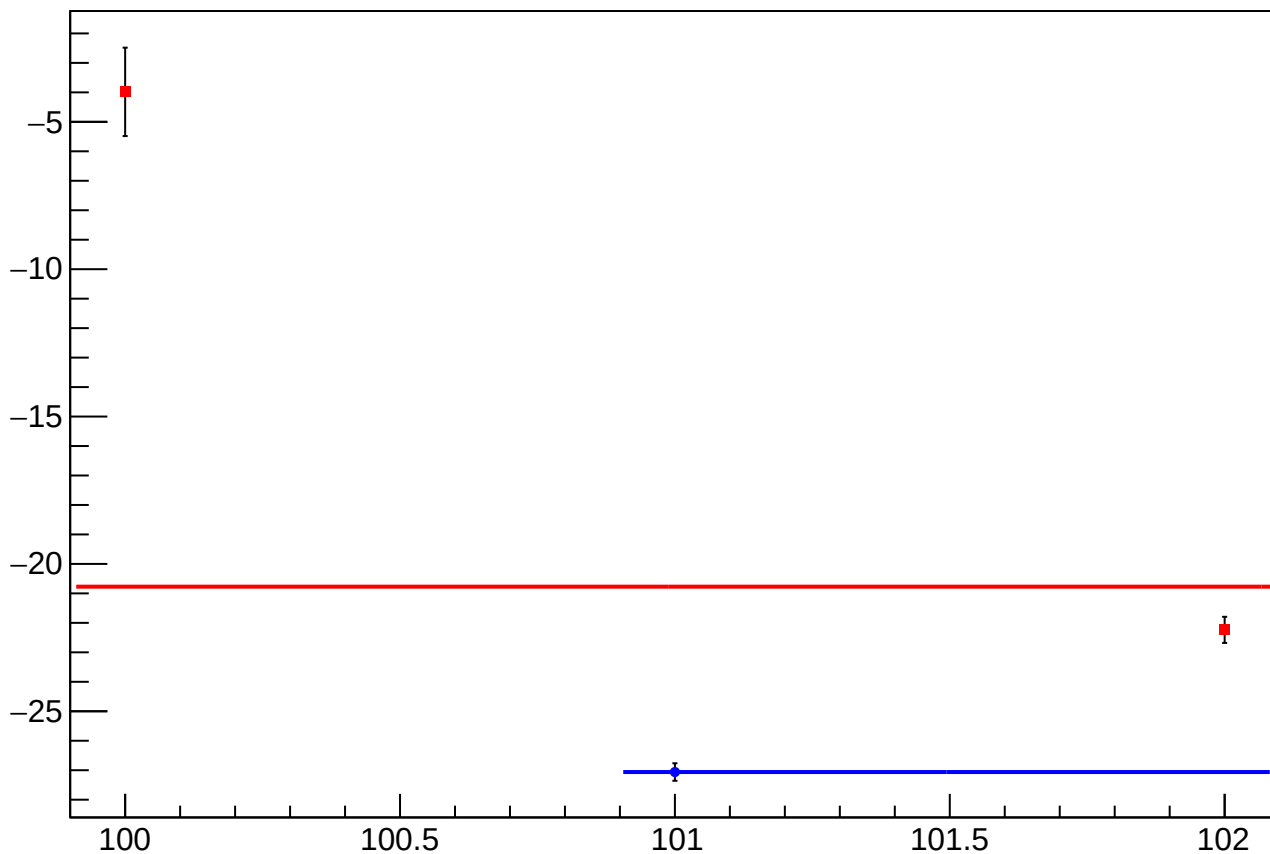
Right: 4.681+/-0.275 χ^2/NDF : 165.1/2

In: 1.625+/-0.366 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.681+/-0.275 χ^2/NDF : 165.1/2

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -27.061 ± 0.298 χ^2/NDF : 0.0/0

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -20.772 ± 0.425 χ^2/NDF : 136.3/1

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

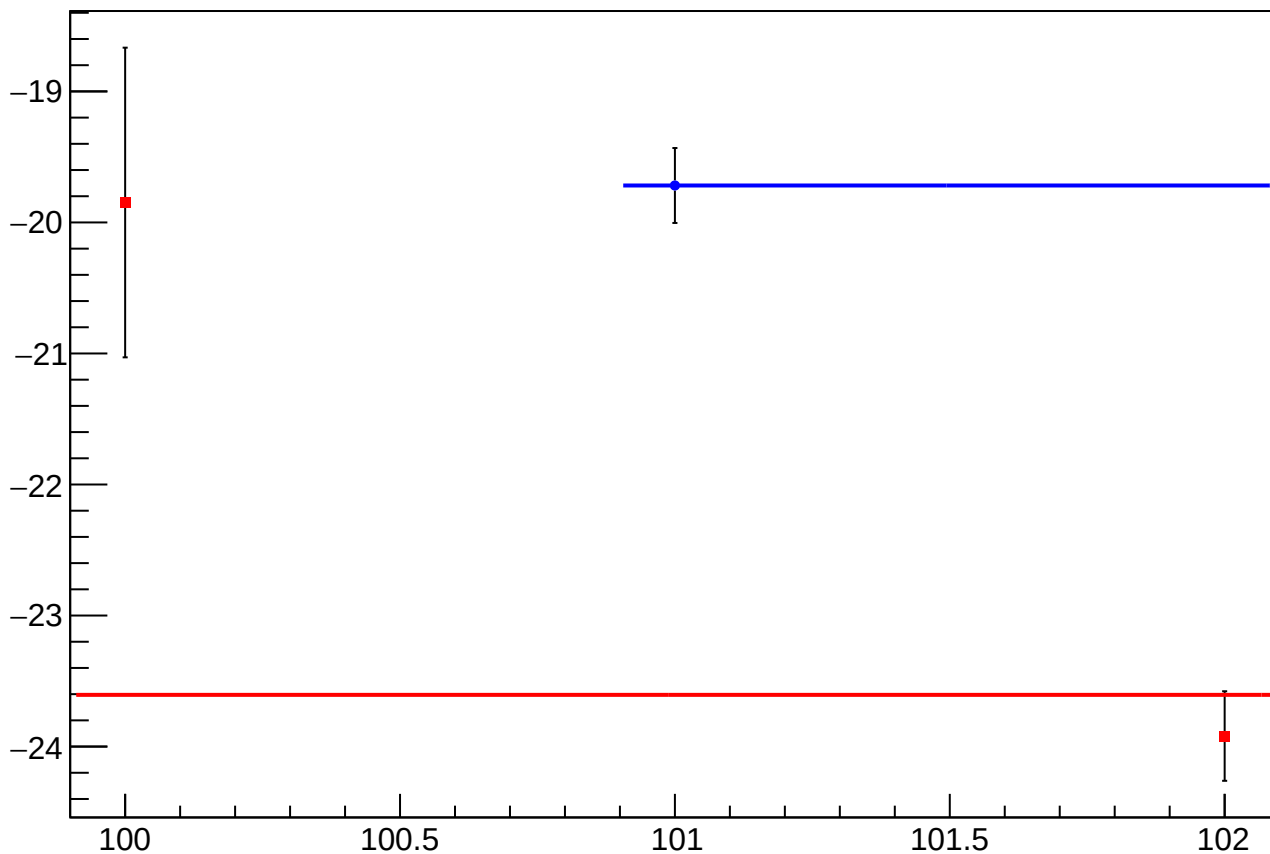
Right: -24.992 ± 0.244 χ^2/NDF : 283.3/2

In: -27.061 ± 0.298 χ^2/NDF : 0.0/0

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -24.992 ± 0.244 χ^2/NDF : 283.3/2

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -19.718 ± 0.286 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -23.605 ± 0.328 $\chi^2/\text{NDF}: 11.0/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

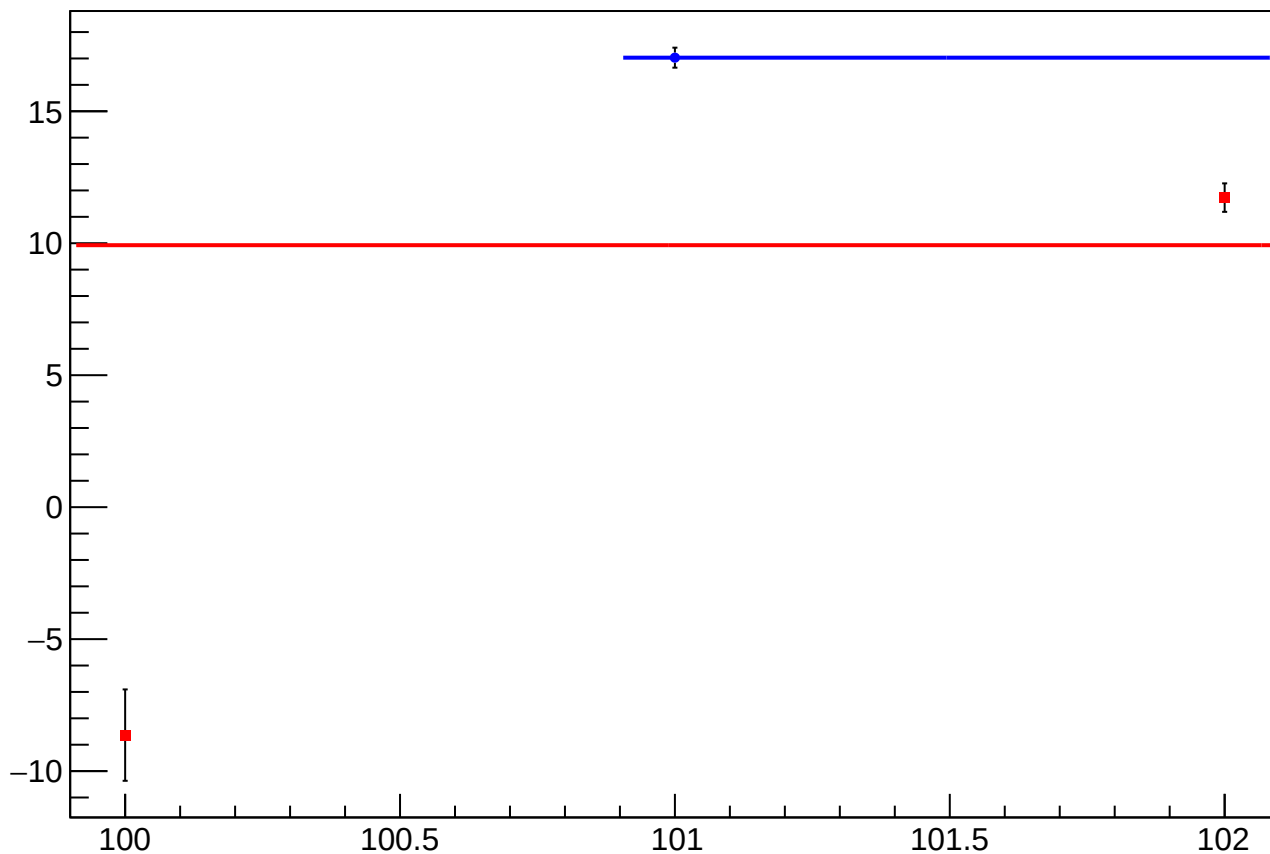
Right: -21.395 ± 0.216 $\chi^2/\text{NDF}: 90.7/2$

In: -19.718 ± 0.286 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -21.395 ± 0.216 $\chi^2/\text{NDF}: 90.7/2$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 17.030 $\pm$ 0.379 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.926 $\pm$ 0.515 χ^2 /NDF: 126.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

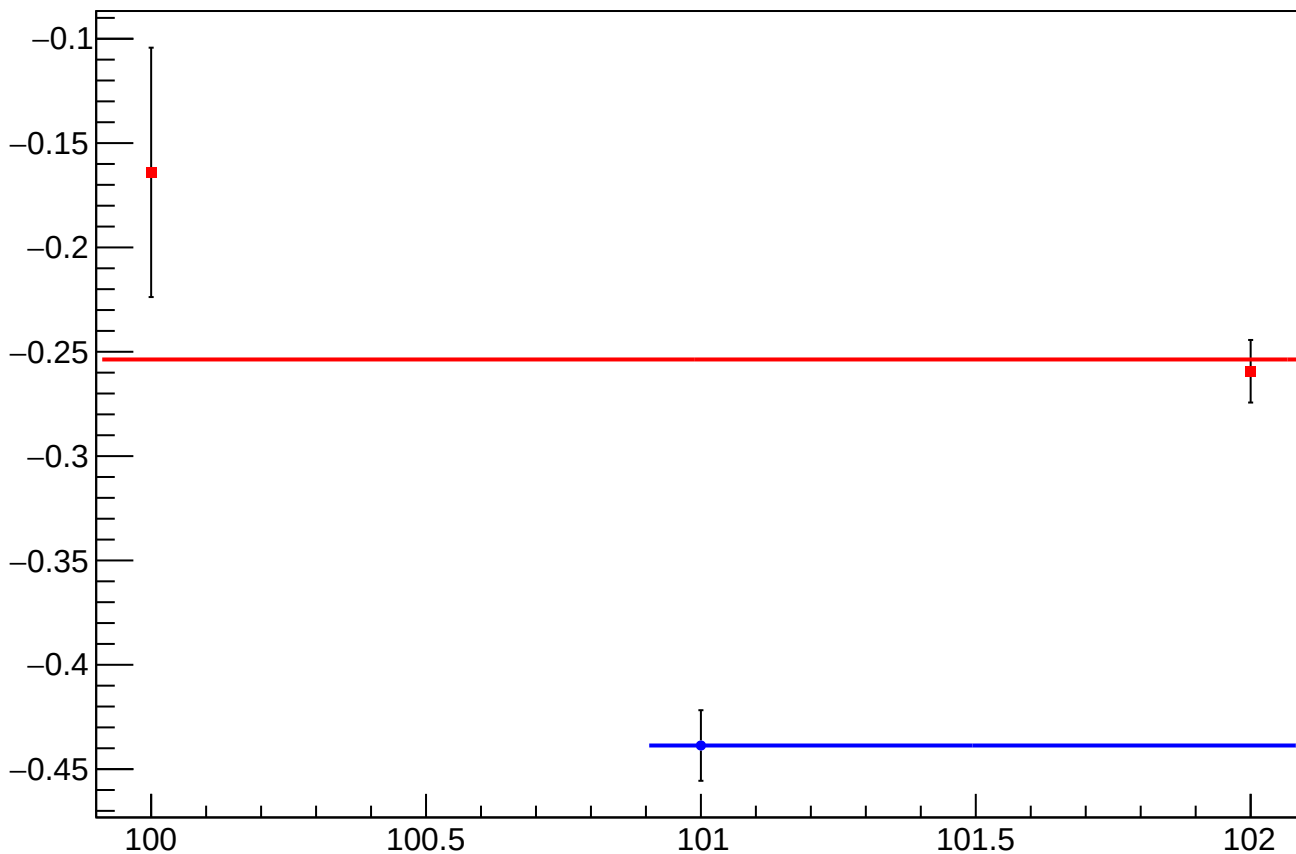
Right: 14.534 $\pm$ 0.305 χ^2 /NDF: 249.6/2

In: 17.030 $\pm$ 0.379 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14.534 $\pm$ 0.305 χ^2 /NDF: 249.6/2

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.439+/-0.017 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.254+/-0.015 χ^2/NDF : 2.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

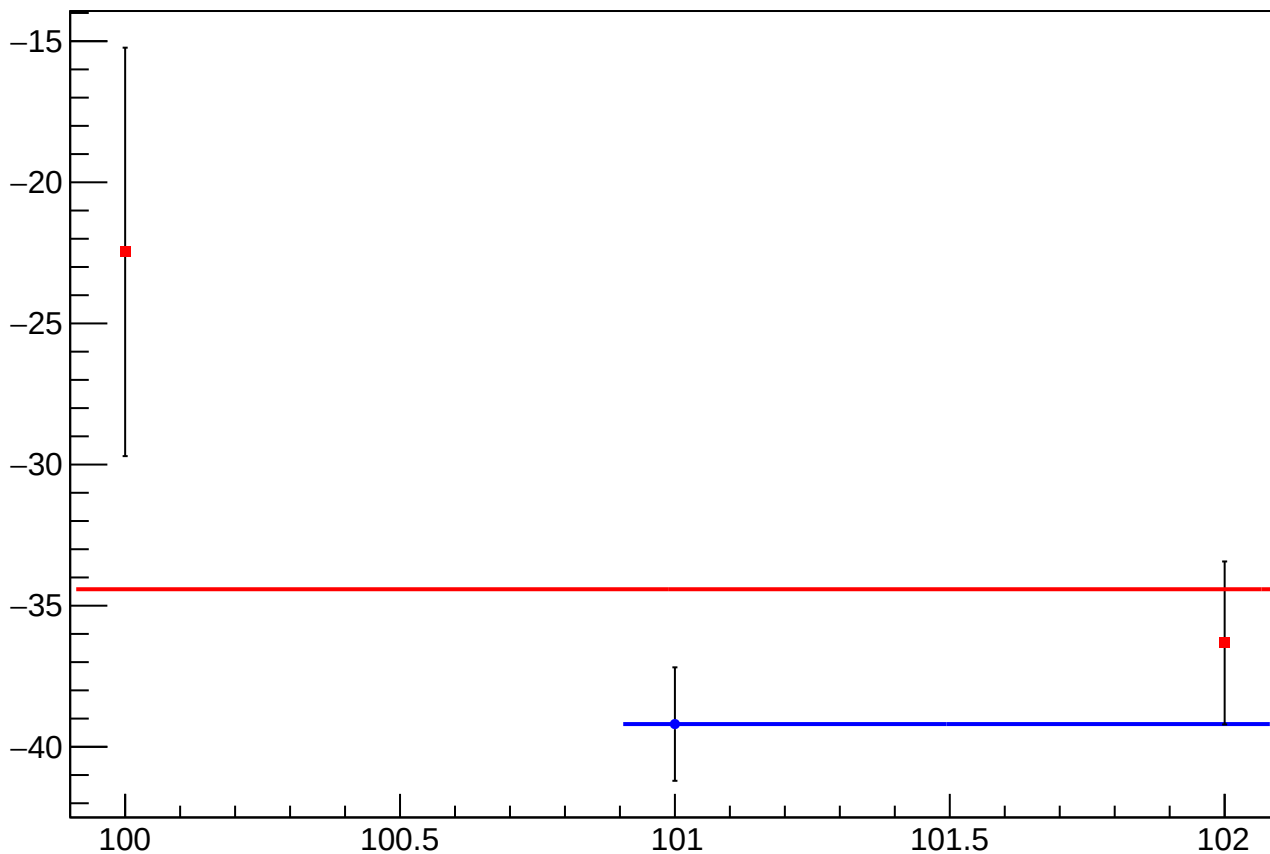
Right: -0.332+/-0.011 χ^2/NDF : 71.2/2

In: -0.439+/-0.017 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.332+/-0.011 χ^2/NDF : 71.2/2

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -39.194+/-2.010 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -34.417+/-2.681 χ^2/NDF : 3.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

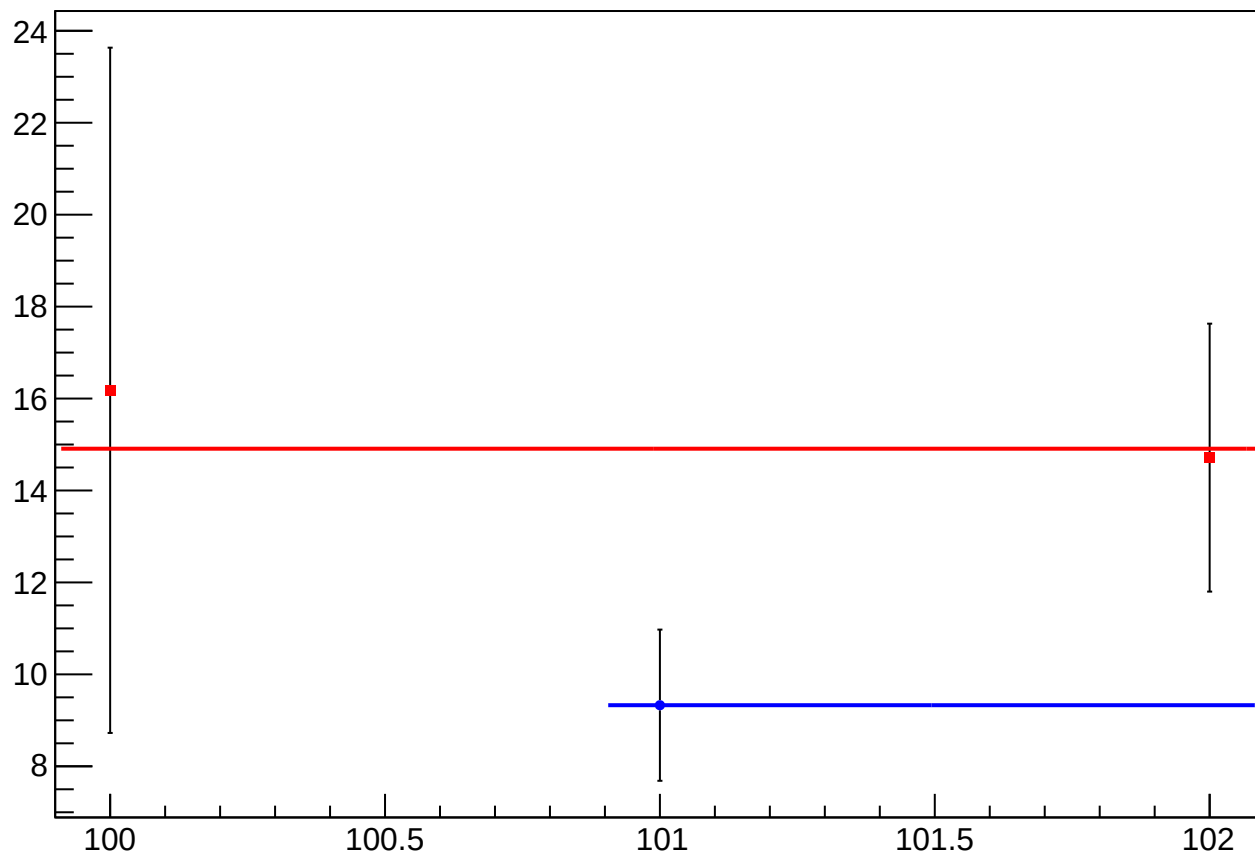
Right: -37.476+/-1.608 χ^2/NDF : 5.2/2

In: -39.194+/-2.010 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.476+/-1.608 χ^2/NDF : 5.2/2

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.329+/-1.645 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.909+/-2.714 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

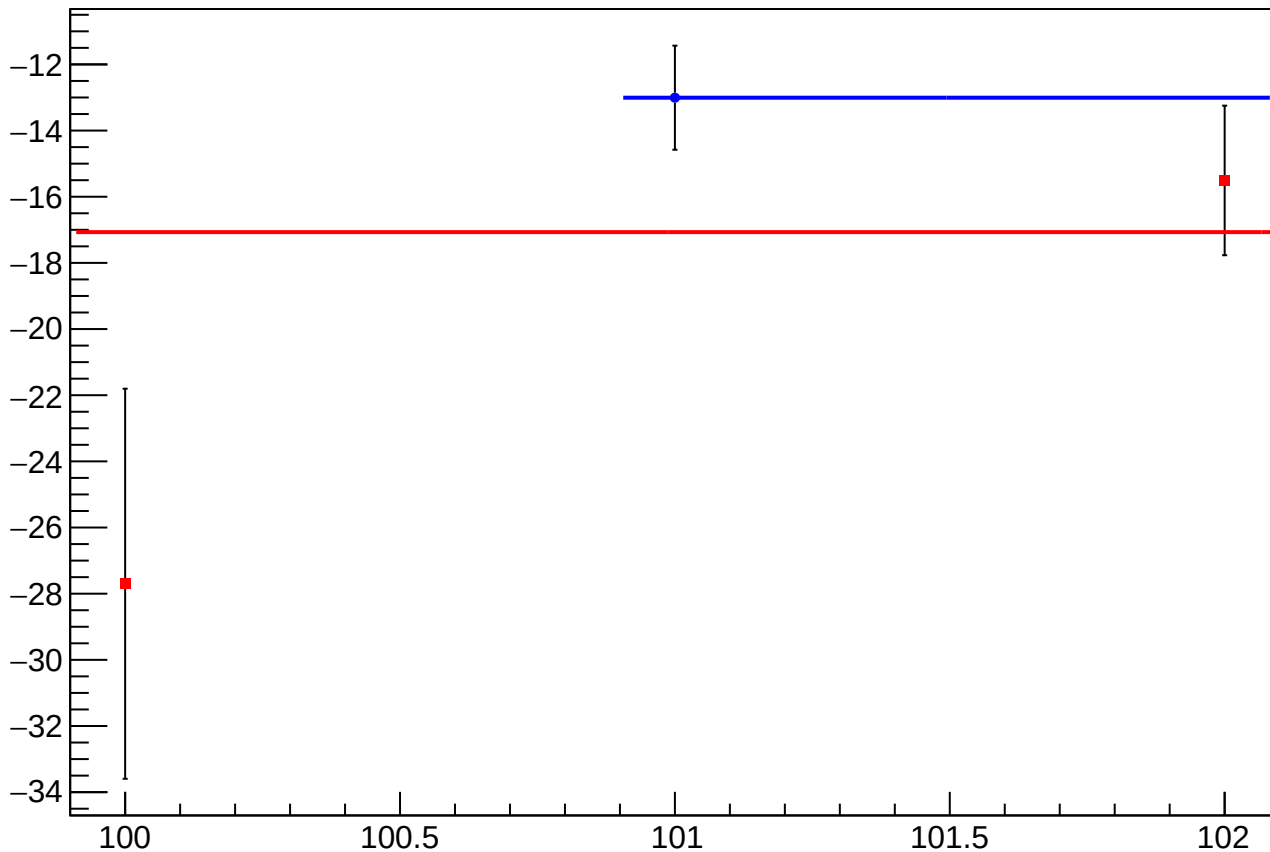
Right: 10.827+/-1.407 χ^2/NDF : 3.1/2

In: 9.329+/-1.645 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.827+/-1.407 χ^2/NDF : 3.1/2

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -13.006 $\pm$ 1.573 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -17.070 $\pm$ 2.111 χ^2/NDF : 3.7/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

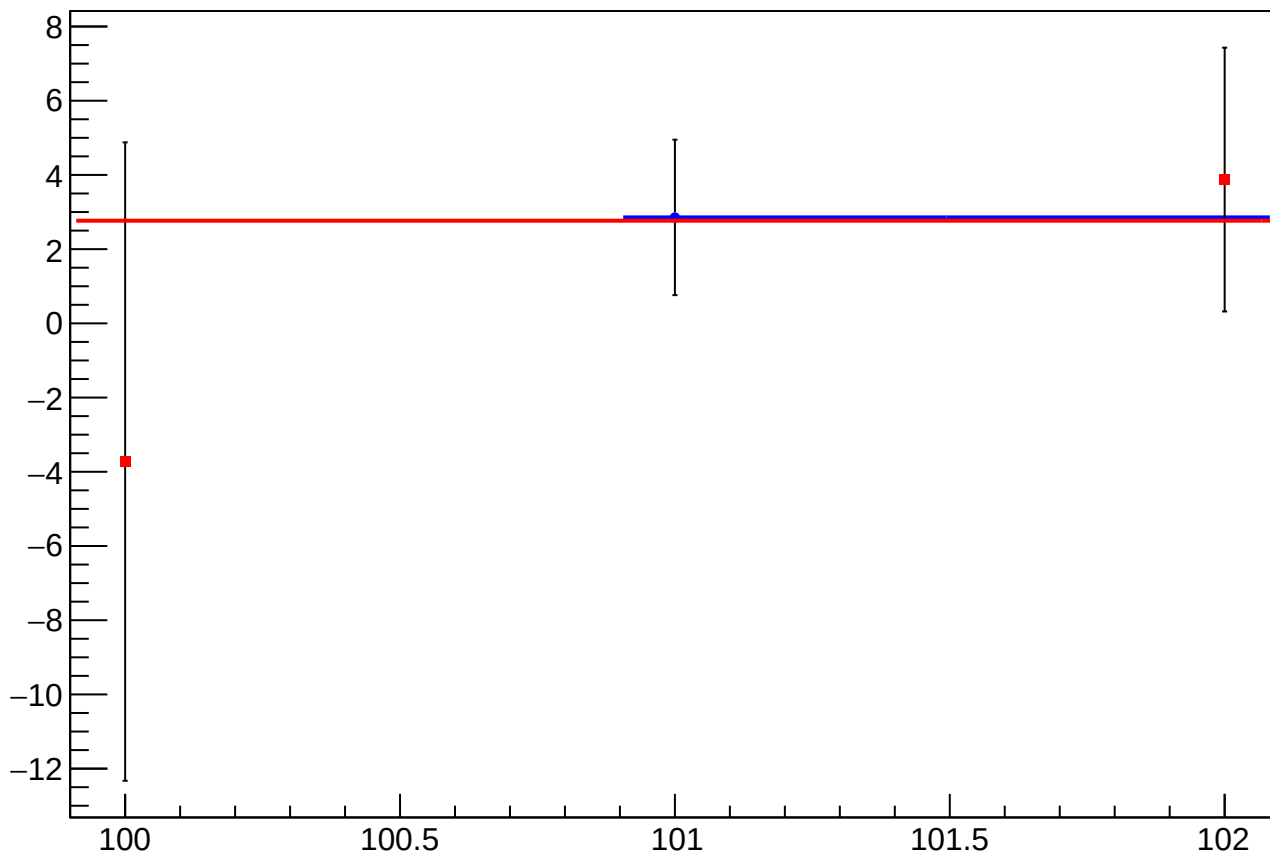
Right: -14.457 $\pm$ 1.261 χ^2/NDF : 6.1/2

In: -13.006 $\pm$ 1.573 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -14.457 $\pm$ 1.261 χ^2/NDF : 6.1/2

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.855+/-2.094 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.767+/-3.285 χ^2/NDF : 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

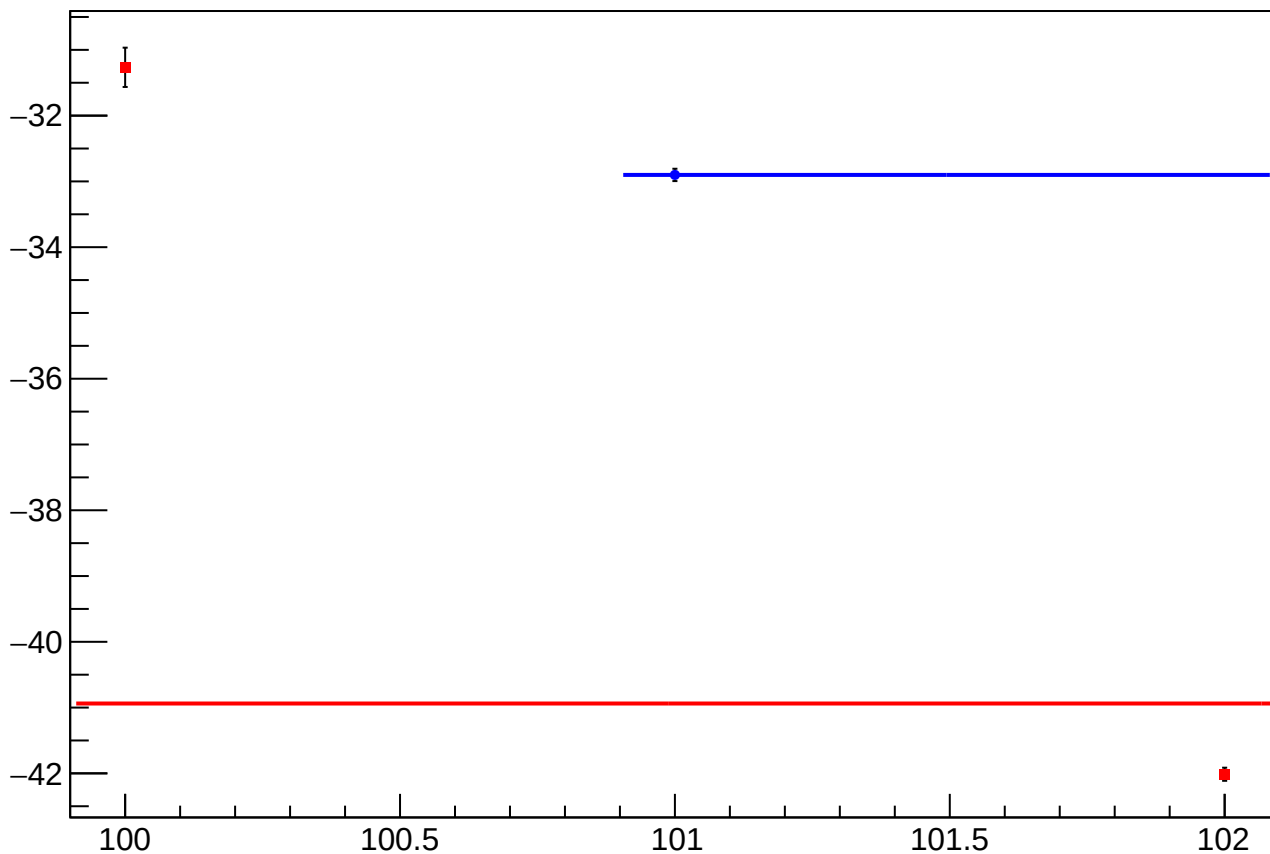
Right: 2.830+/-1.766 χ^2/NDF : 0.7/2

In: 2.855+/-2.094 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.830+/-1.766 χ^2/NDF : 0.7/2

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -32.901+/-0.094 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -40.938+/-0.095 χ^2/NDF : 1164.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

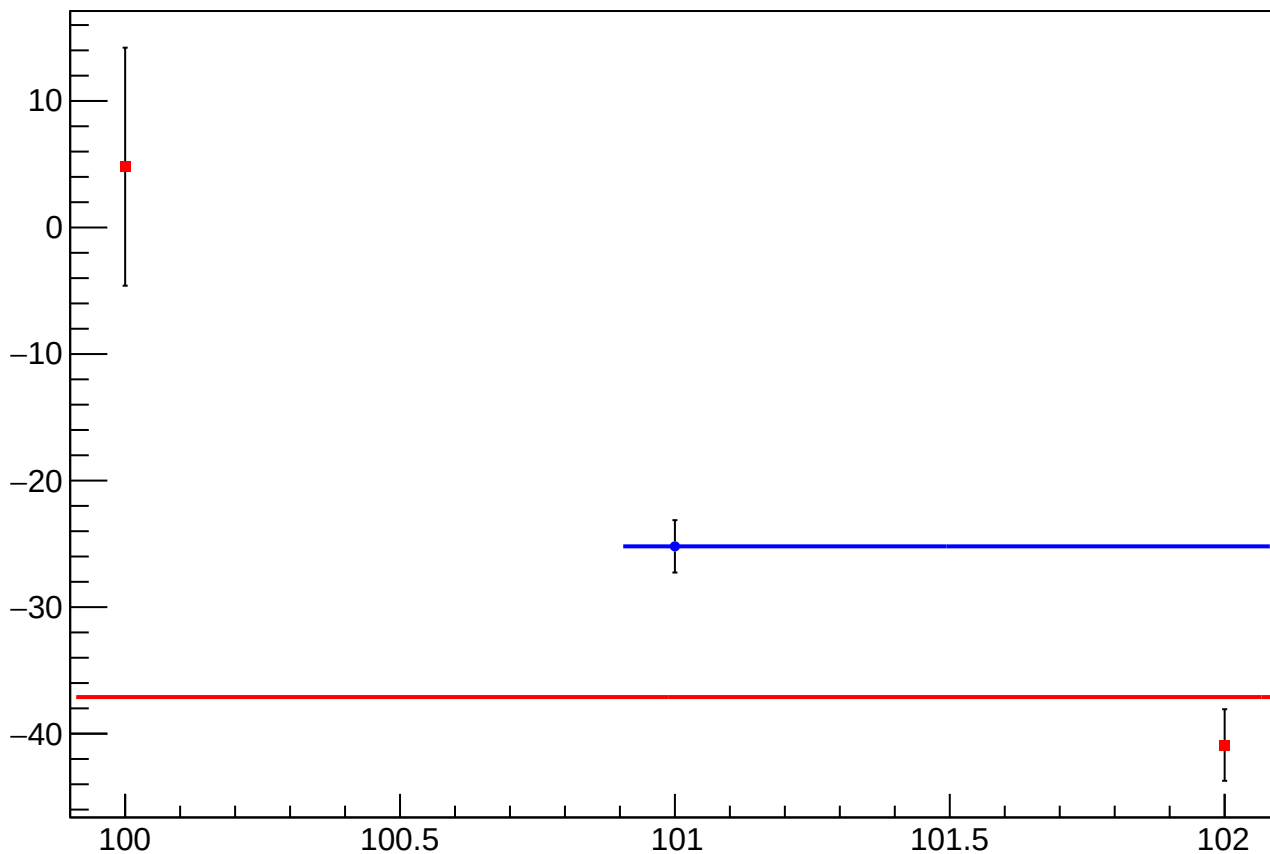
Right: -36.886+/-0.067 χ^2/NDF : 4810.3/2

In: -32.901+/-0.094 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.886+/-0.067 χ^2/NDF : 4810.3/2

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -25.197 $\pm$ 2.069 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -37.107 $\pm$ 2.708 χ^2 /NDF: 21.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

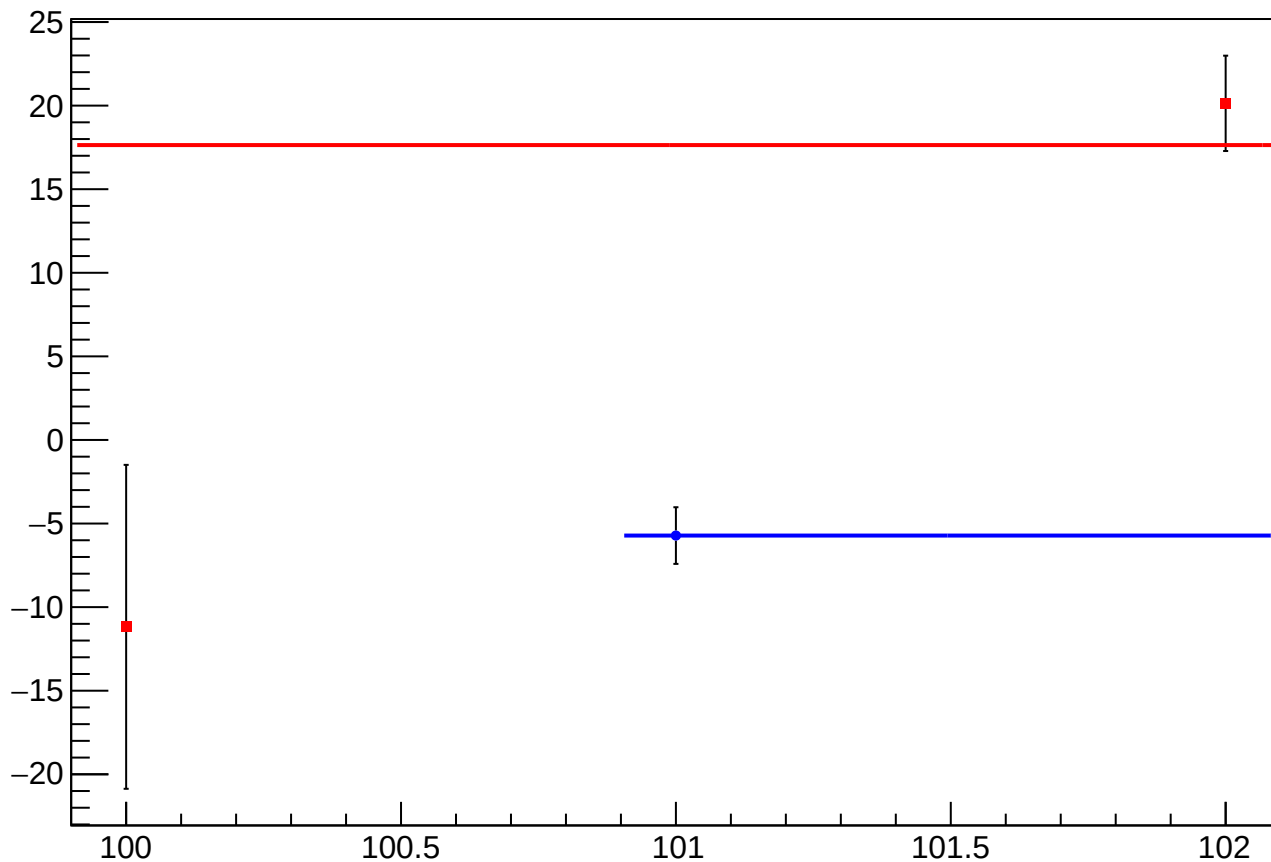
Right: -29.587 $\pm$ 1.644 χ^2 /NDF: 33.9/2

In: -25.197 $\pm$ 2.069 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -29.587 $\pm$ 1.644 χ^2 /NDF: 33.9/2

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.719+/-1.695 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.639+/-2.736 χ^2/NDF : 9.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

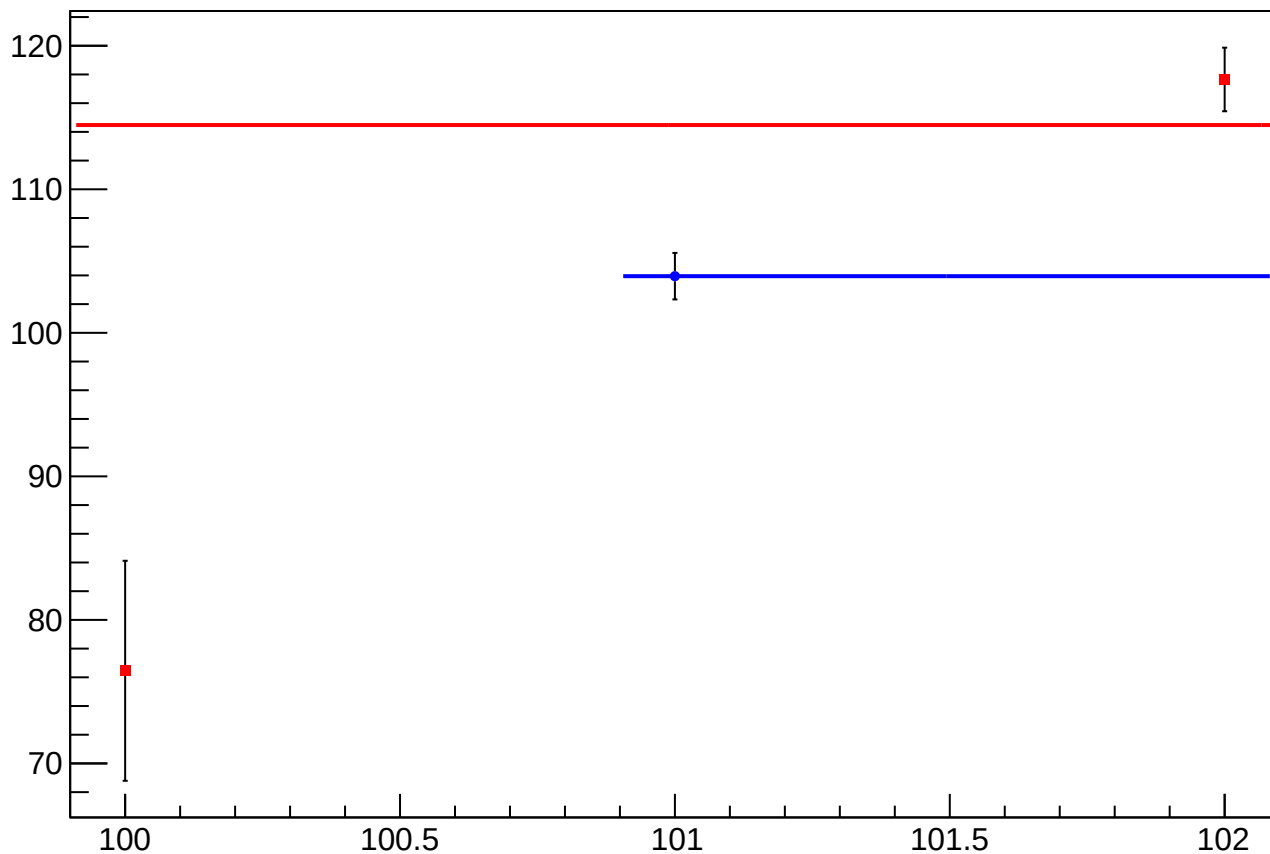
Right: 0.758+/-1.441 χ^2/NDF : 62.3/2

In: -5.719+/-1.695 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.758+/-1.441 χ^2/NDF : 62.3/2

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 103.947 $\pm$ 1.620 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 114.477 $\pm$ 2.128 χ^2 /NDF: 26.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

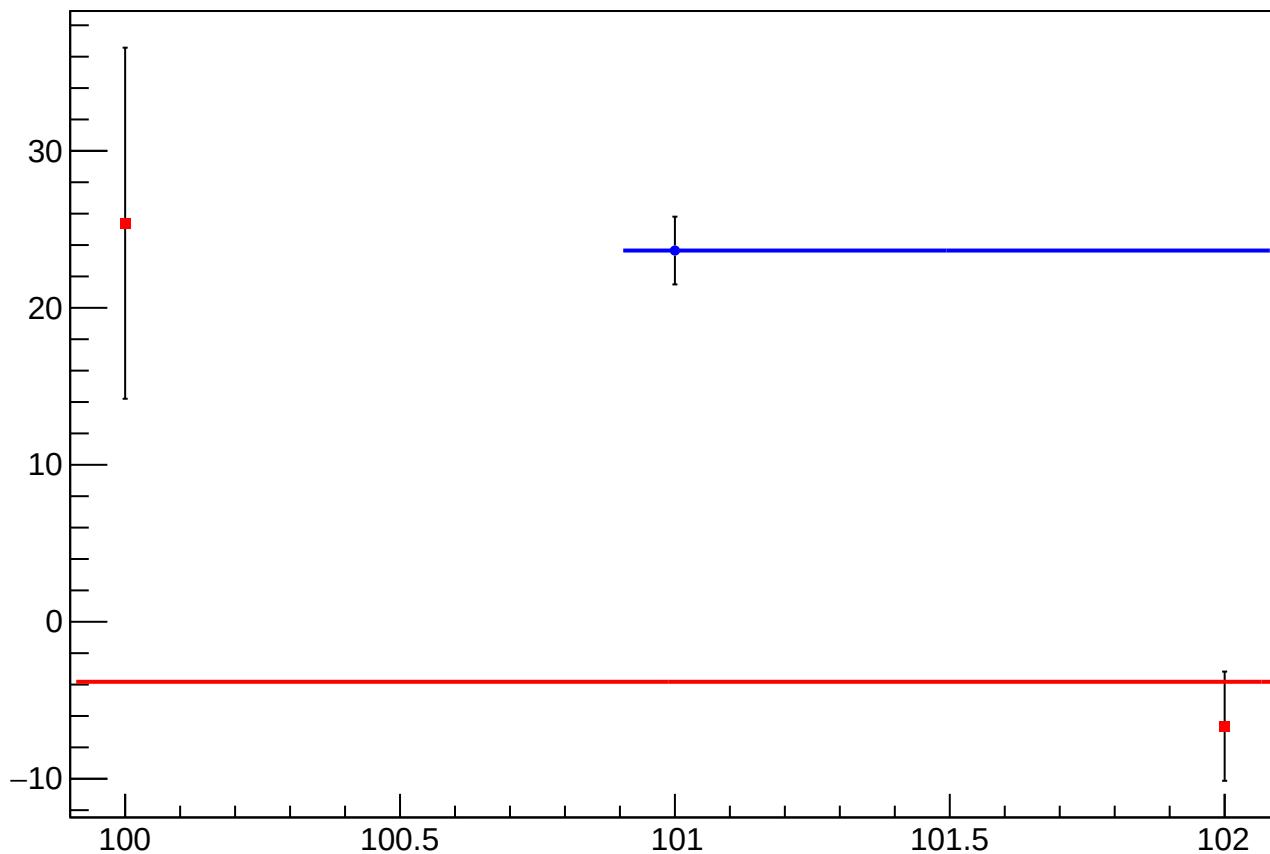
Right: 107.810 $\pm$ 1.289 χ^2 /NDF: 42.2/2

In: 103.947 $\pm$ 1.620 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 107.810 $\pm$ 1.289 χ^2 /NDF: 42.2/2

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.650 $\pm$ 2.158 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -3.823 $\pm$ 3.322 χ^2/NDF : 7.5/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

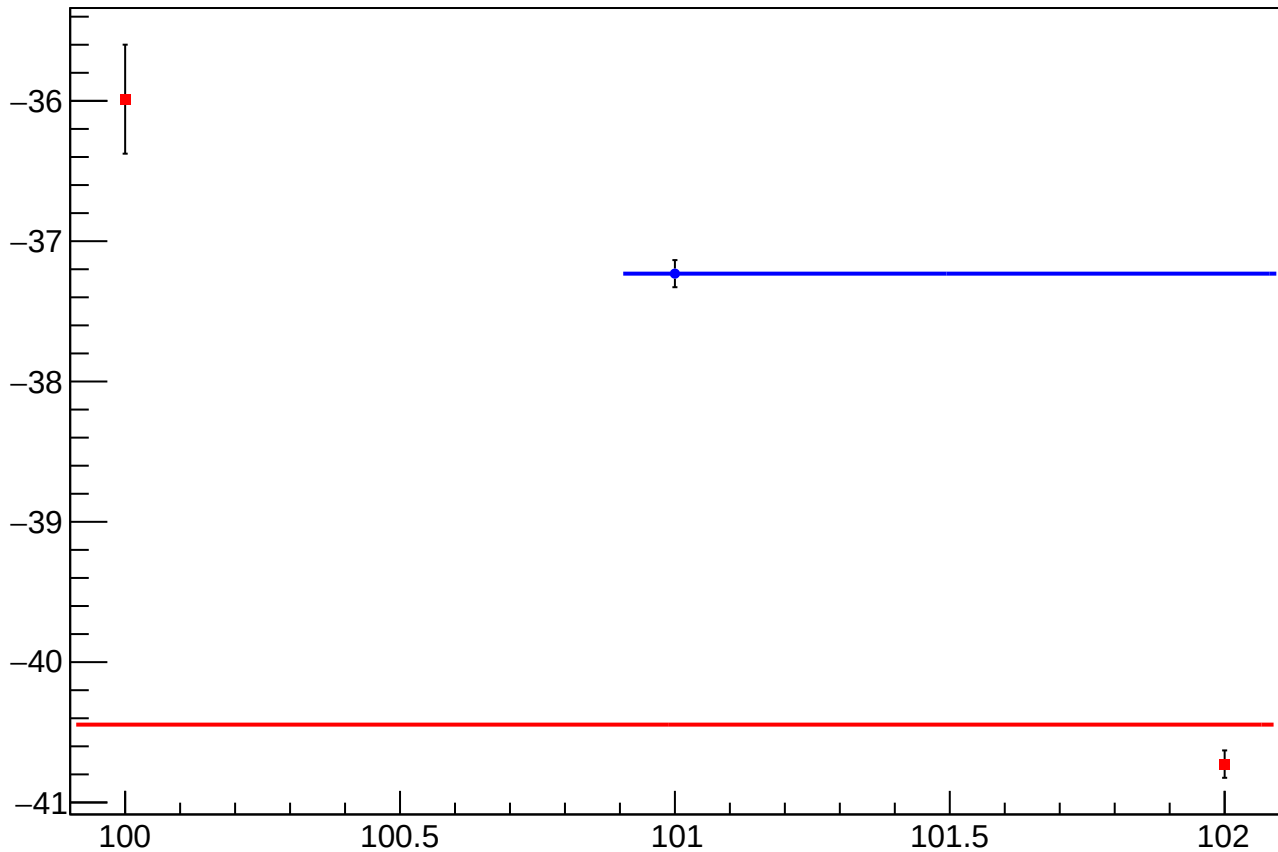
Right: 15.498 $\pm$ 1.810 χ^2/NDF : 55.6/2

In: 23.650 $\pm$ 2.158 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 15.498 $\pm$ 1.810 χ^2/NDF : 55.6/2

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -37.231 $\pm$ 0.097 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -40.445 $\pm$ 0.095 χ^2 /NDF: 140.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

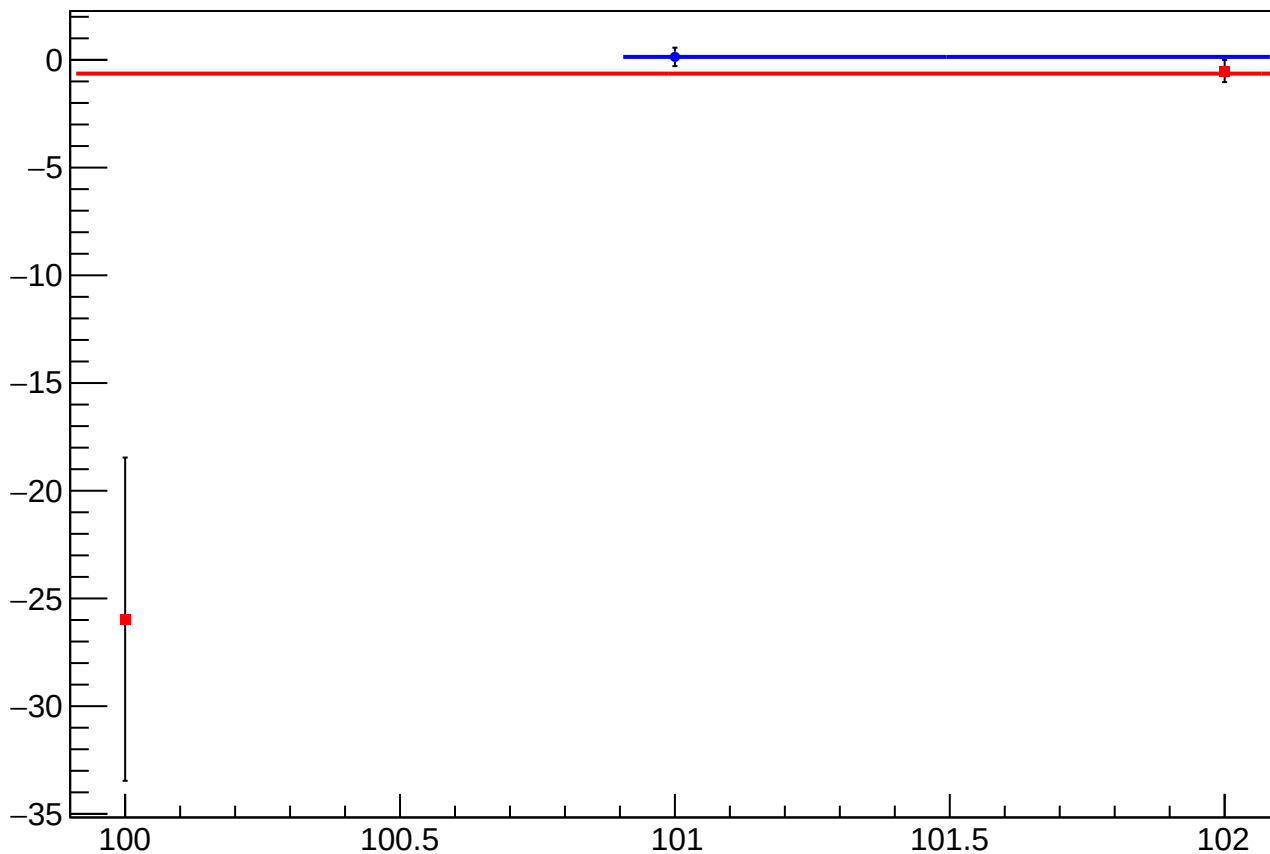
Right: -38.871 $\pm$ 0.068 χ^2 /NDF: 704.8/2

In: -37.231 $\pm$ 0.097 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -38.871 $\pm$ 0.068 χ^2 /NDF: 704.8/2

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.139+/-0.428 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.638+/-0.512 χ^2/NDF : 11.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

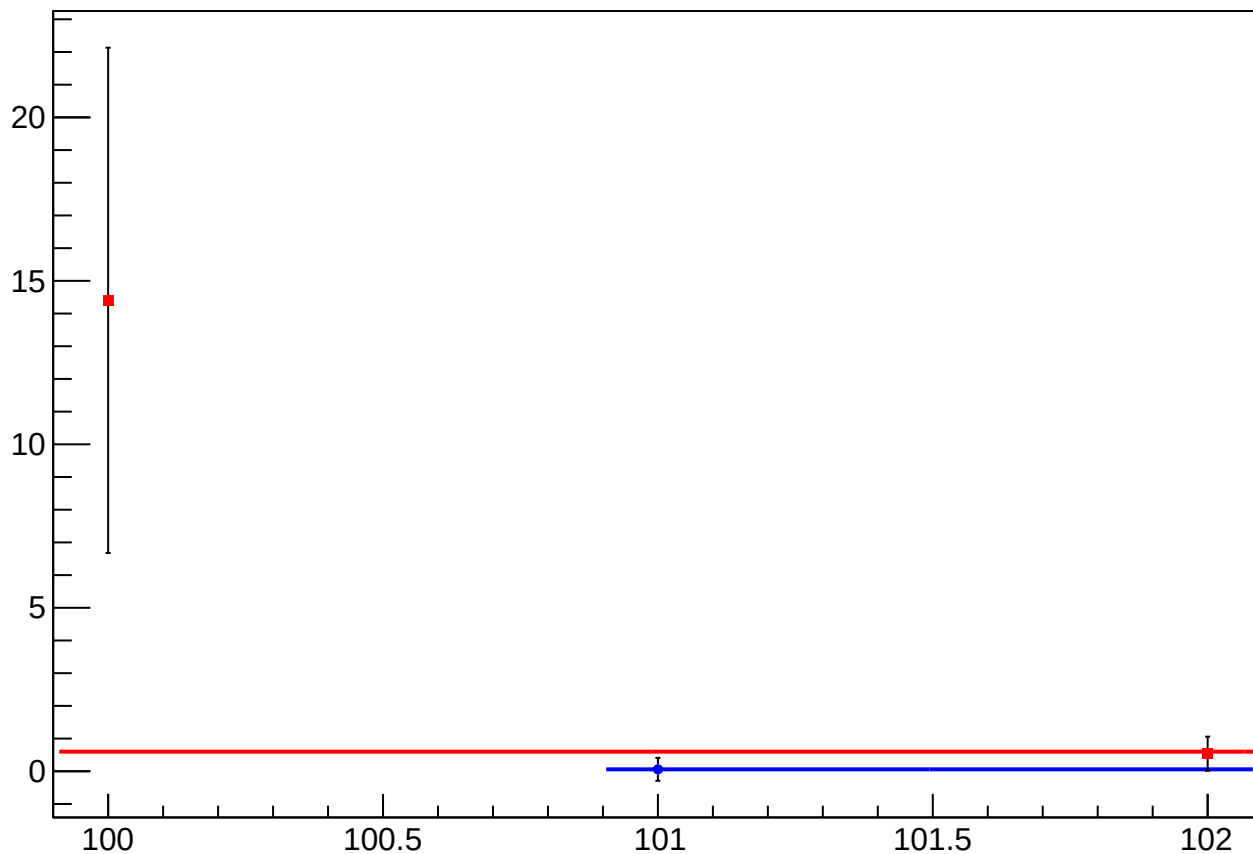
Right: -0.181+/-0.328 χ^2/NDF : 12.8/2

In: 0.139+/-0.428 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.181+/-0.328 χ^2/NDF : 12.8/2

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.059+/-0.350 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.600+/-0.520 χ^2/NDF : 3.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

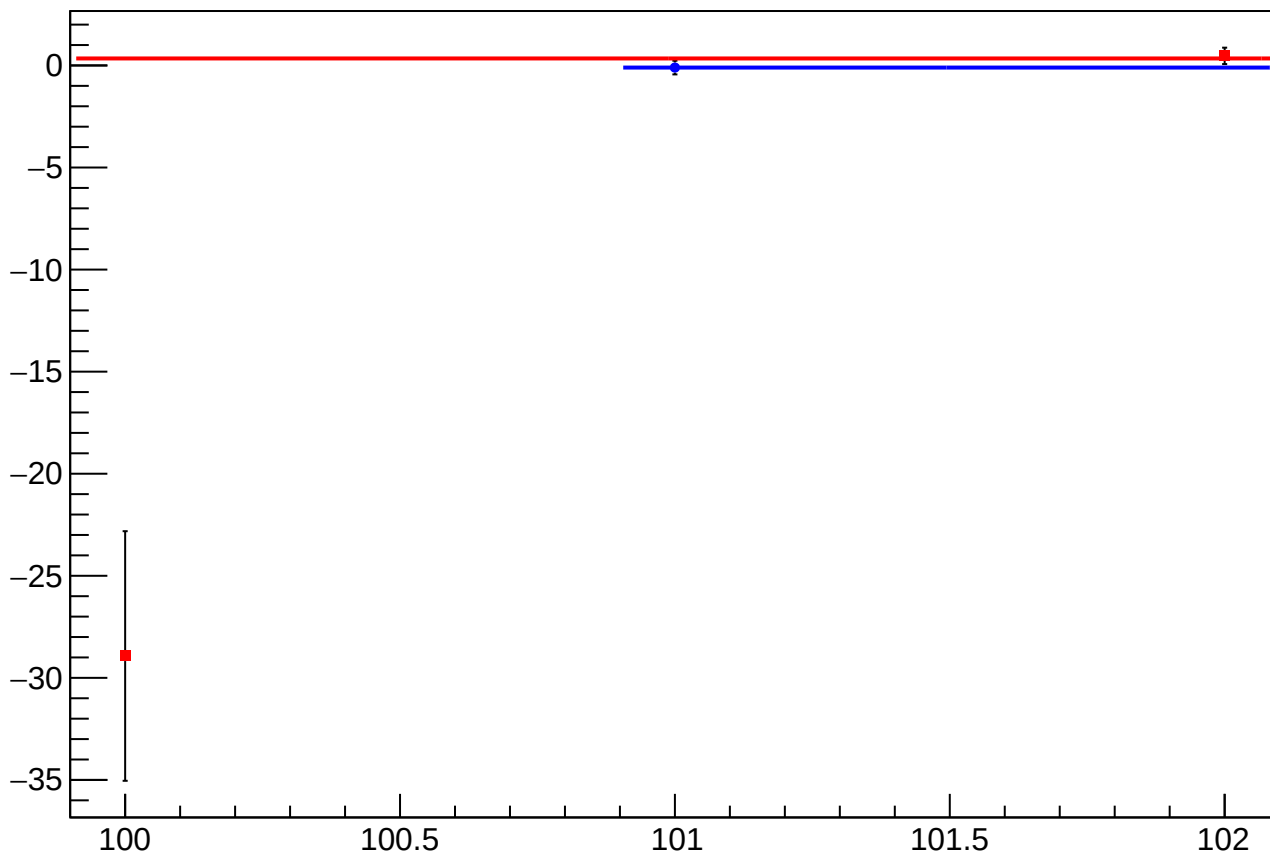
Right: 0.228+/-0.291 χ^2/NDF : 3.9/2

In: 0.059+/-0.350 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.228+/-0.291 χ^2/NDF : 3.9/2

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.104+/-0.335 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.343+/-0.401 χ^2/NDF : 23.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

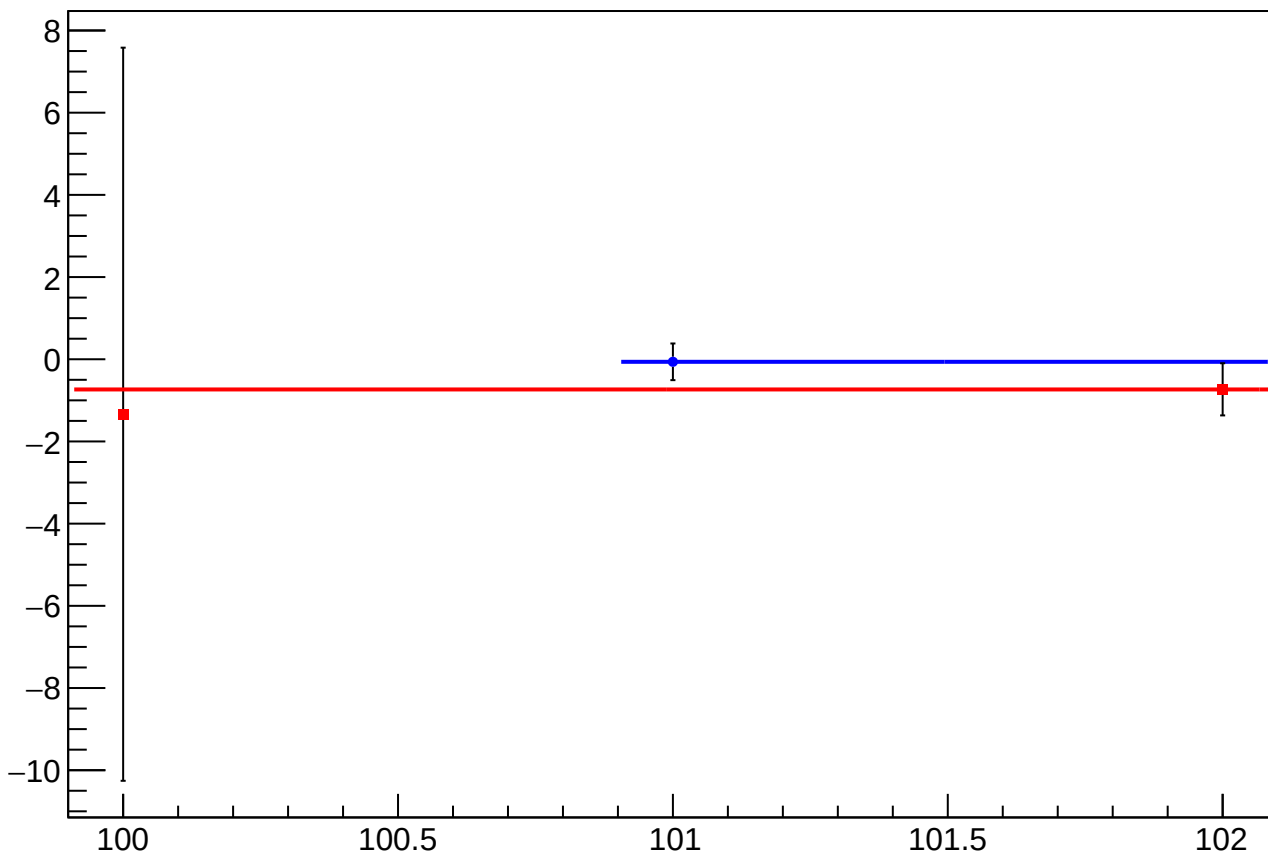
Right: 0.080+/-0.257 χ^2/NDF : 23.8/2

In: -0.104+/-0.335 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.080+/-0.257 χ^2/NDF : 23.8/2

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.062+/-0.446 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.735+/-0.633 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

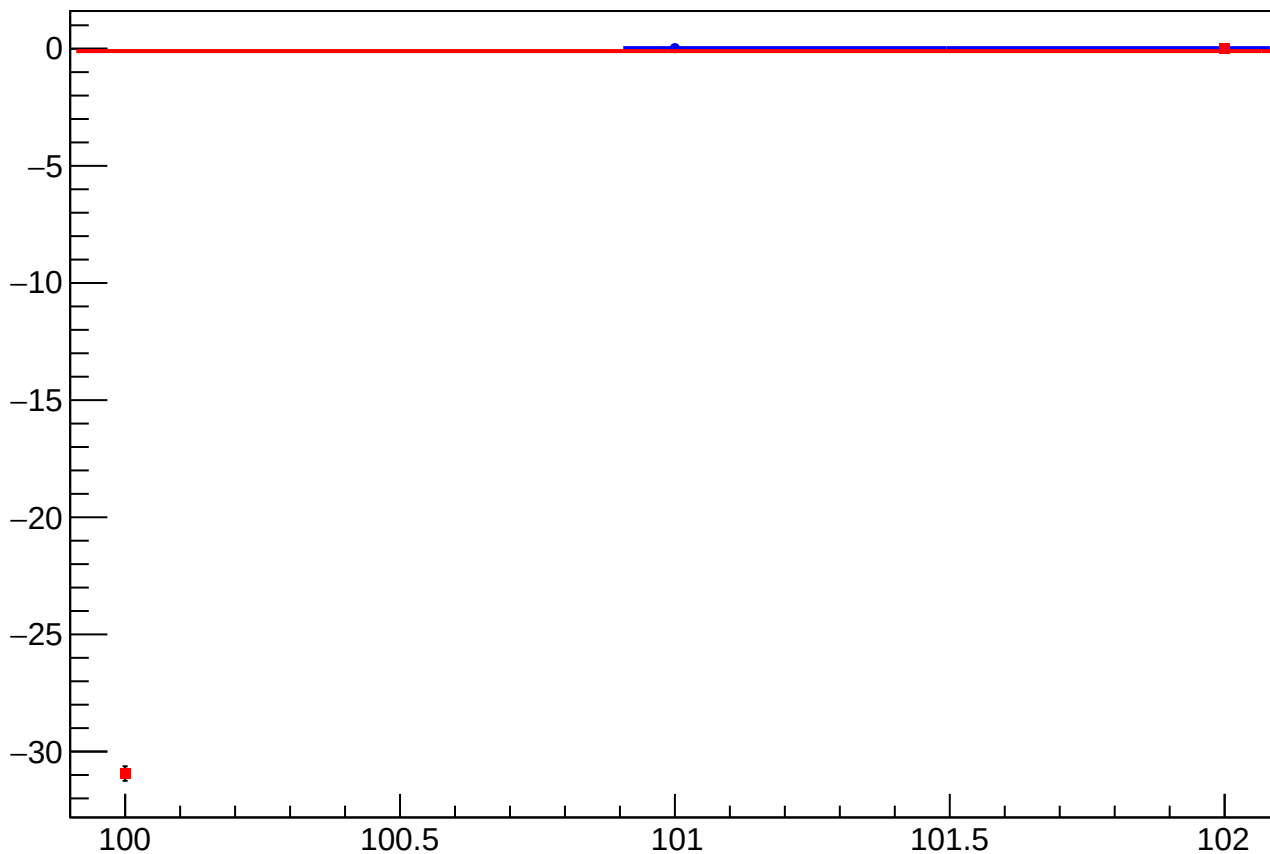
Right: -0.285+/-0.365 χ^2/NDF : 0.8/2

In: -0.062+/-0.446 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.285+/-0.365 χ^2/NDF : 0.8/2

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.025+/-0.020 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.101+/-0.018 χ^2/NDF : 9941.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

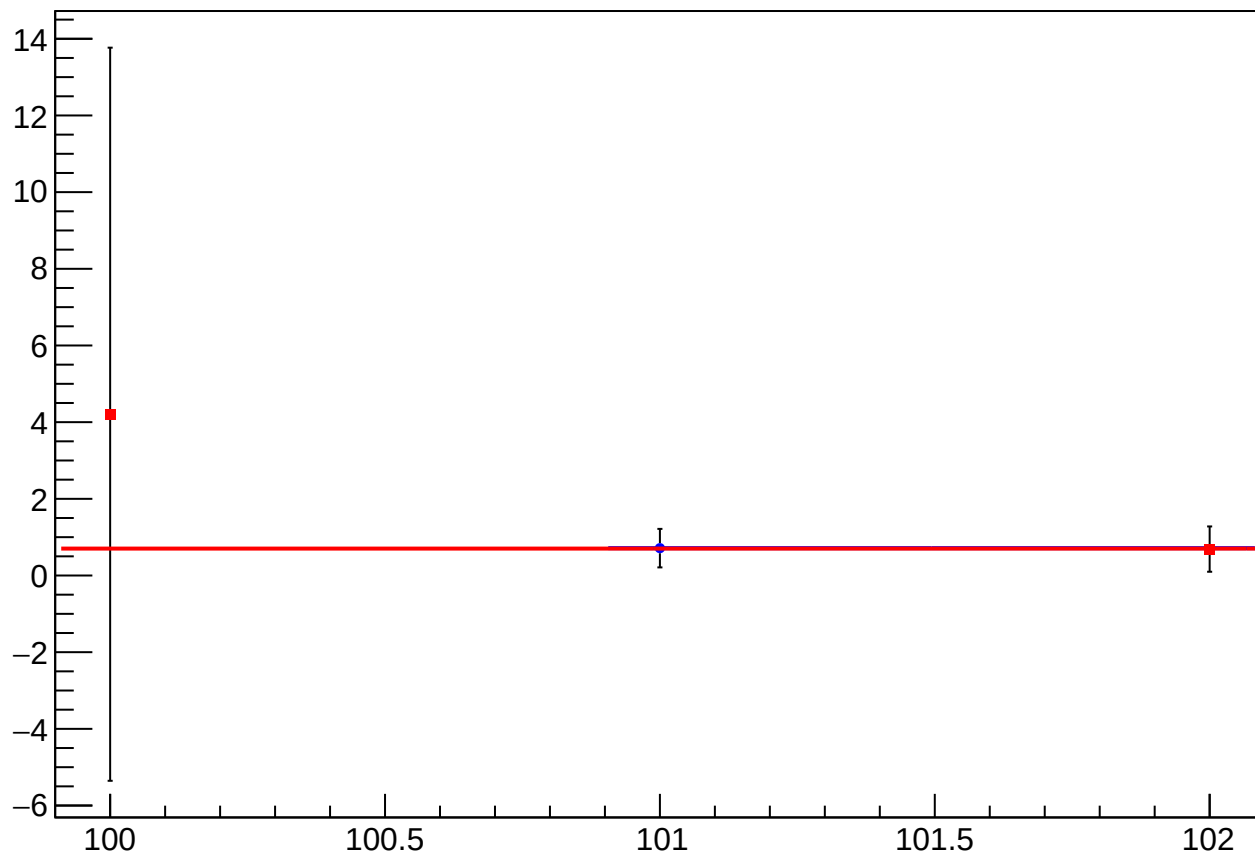
Right: -0.046+/-0.013 χ^2/NDF : 9963.8/2

In: 0.025+/-0.020 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.046+/-0.013 χ^2/NDF : 9963.8/2

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.714+/-0.502 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.702+/-0.590 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

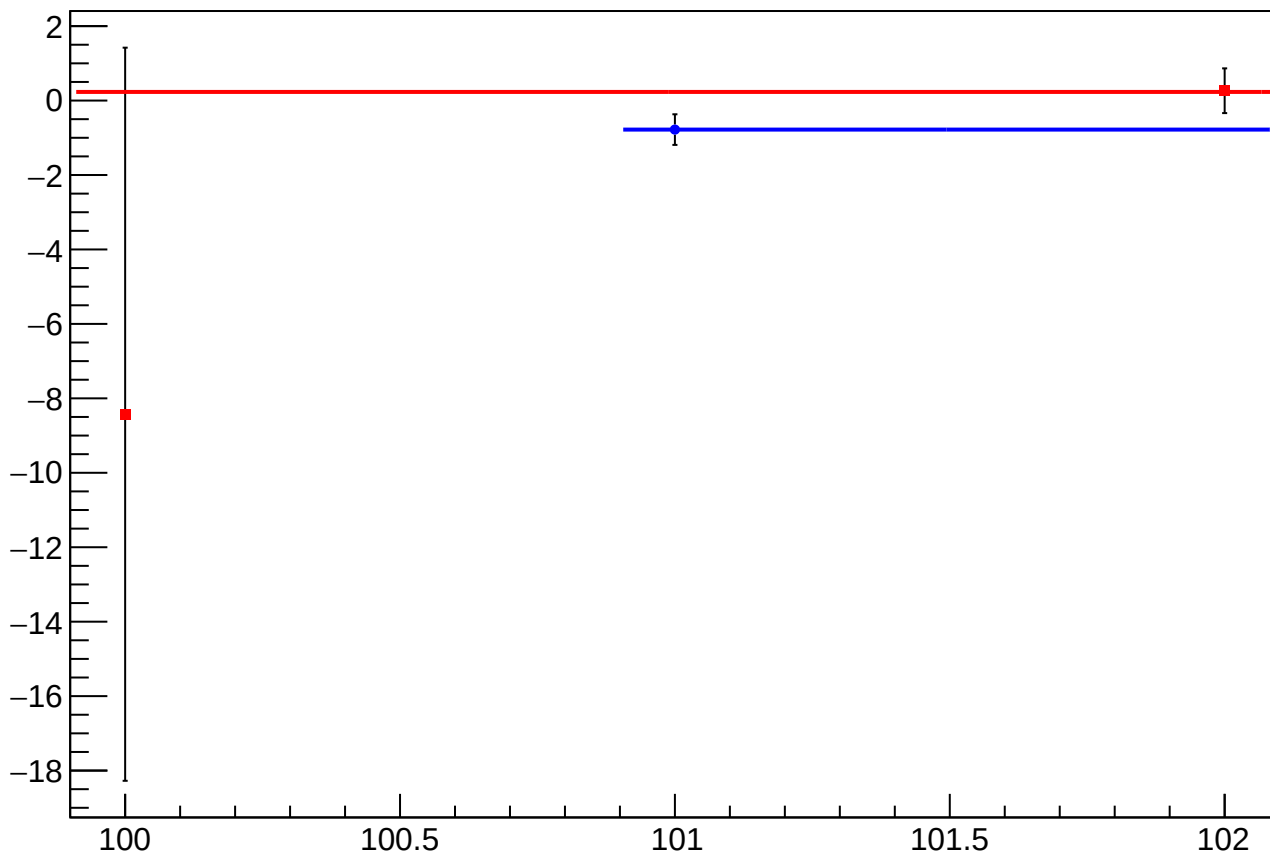
Right: 0.709+/-0.382 χ^2/NDF : 0.1/2

In: 0.714+/-0.502 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.709+/-0.382 χ^2/NDF : 0.1/2

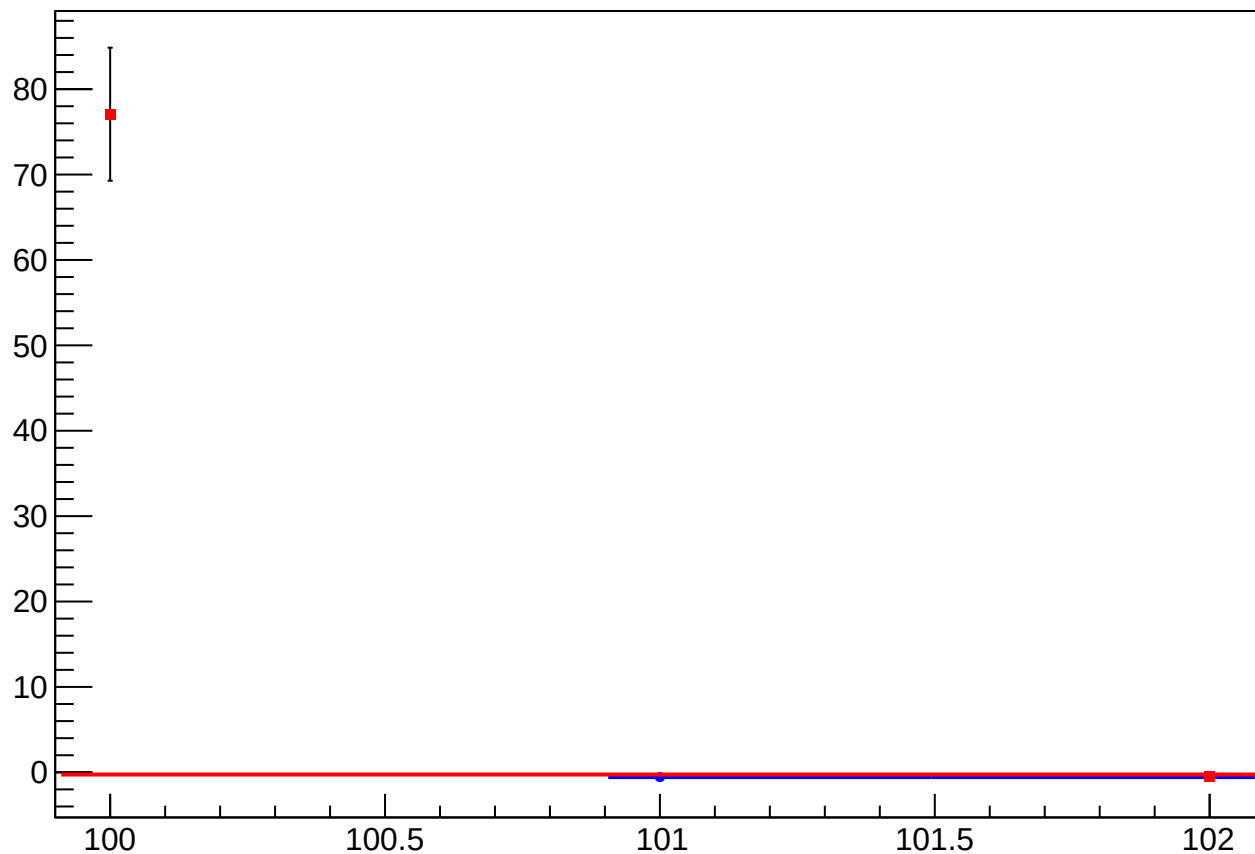
reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.780+/-0.411 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.232+/-0.600 χ^2/NDF : 0.8/1
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.456+/-0.339 χ^2/NDF : 2.7/2
 In: -0.780+/-0.411 χ^2/NDF : 0.0/0
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.456+/-0.339 χ^2/NDF : 2.7/2

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.556 ± 0.393 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.256 ± 0.462 $\chi^2/\text{NDF}: 98.8/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

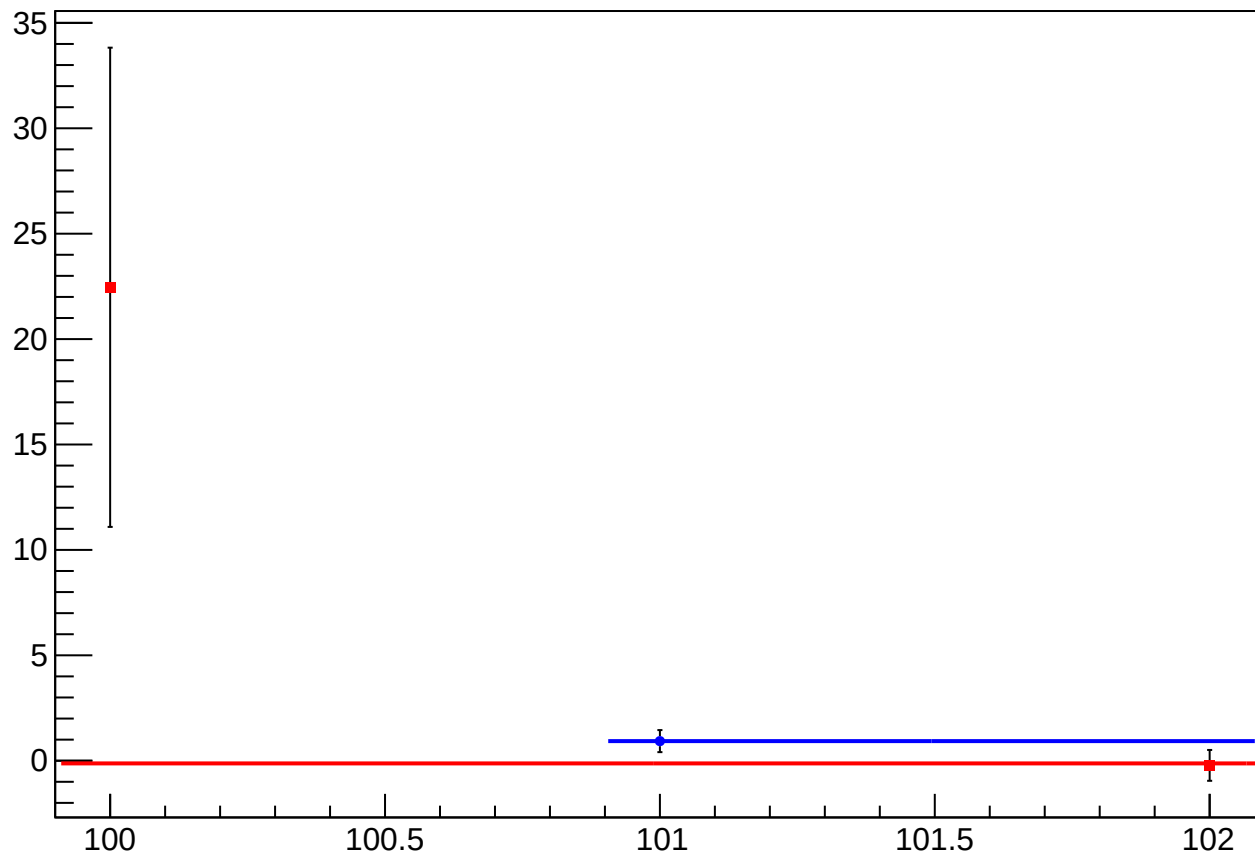
Right: -0.430 ± 0.299 $\chi^2/\text{NDF}: 99.1/2$

In: -0.556 ± 0.393 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.430 ± 0.299 $\chi^2/\text{NDF}: 99.1/2$

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.930 $\pm$ 0.523 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.128 $\pm$ 0.730 χ^2 /NDF: 4.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

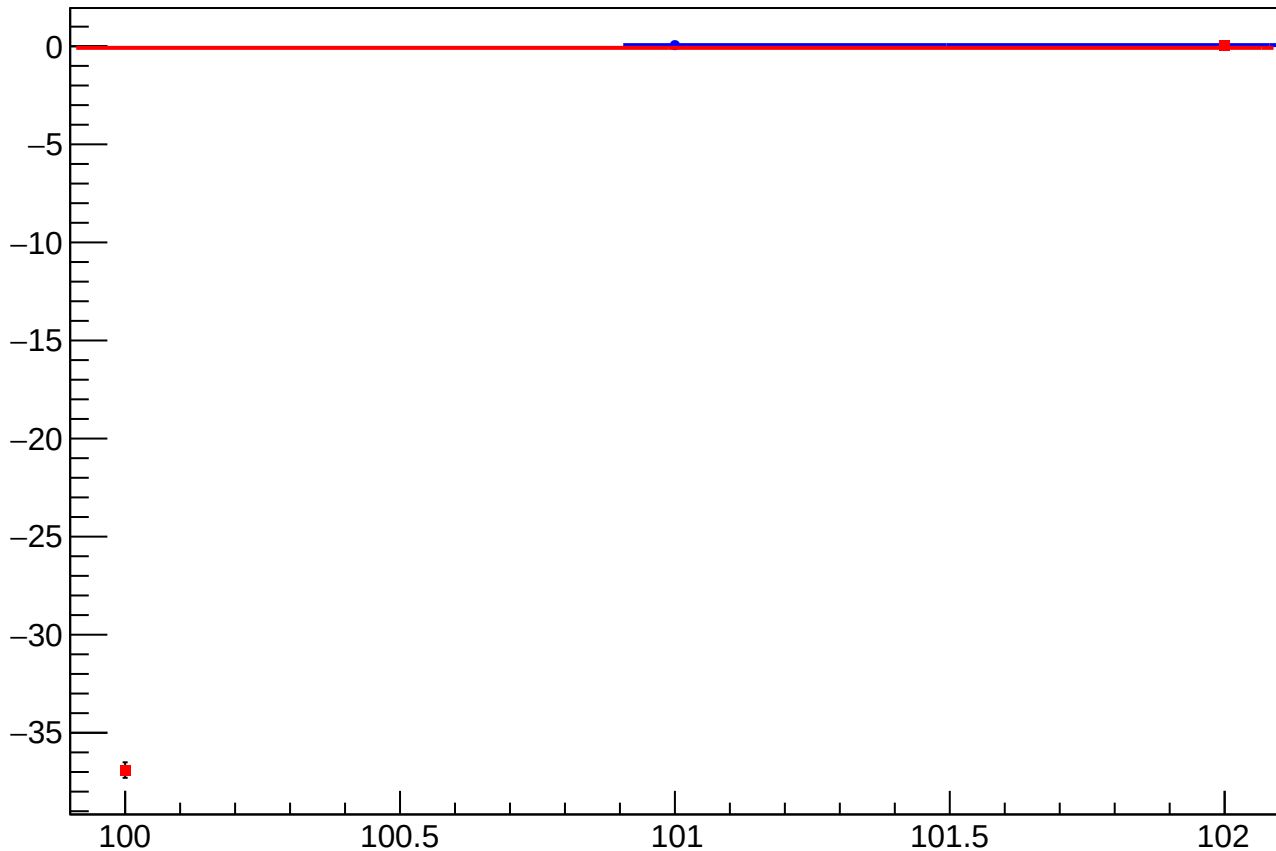
Right: 0.571 $\pm$ 0.425 χ^2 /NDF: 5.4/2

In: 0.930 $\pm$ 0.523 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.571 $\pm$ 0.425 χ^2 /NDF: 5.4/2

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.058 $\pm$ 0.023 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.081 $\pm$ 0.020 χ^2 /NDF: 8718.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

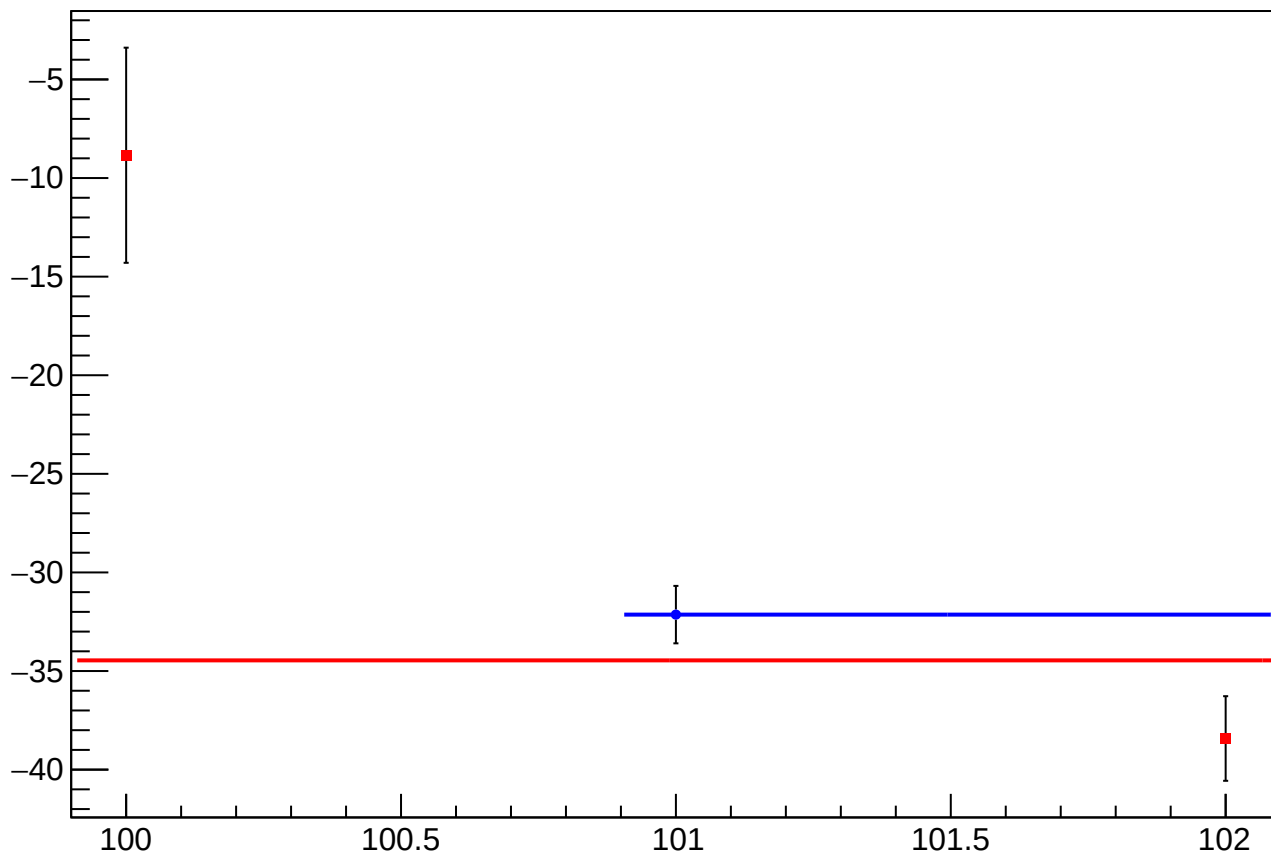
Right: -0.021 $\pm$ 0.015 χ^2 /NDF: 8738.4/2

In: 0.058 $\pm$ 0.023 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.021 $\pm$ 0.015 χ^2 /NDF: 8738.4/2

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -32.139+/-1.457 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -34.460+/-1.996 χ^2/NDF : 25.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

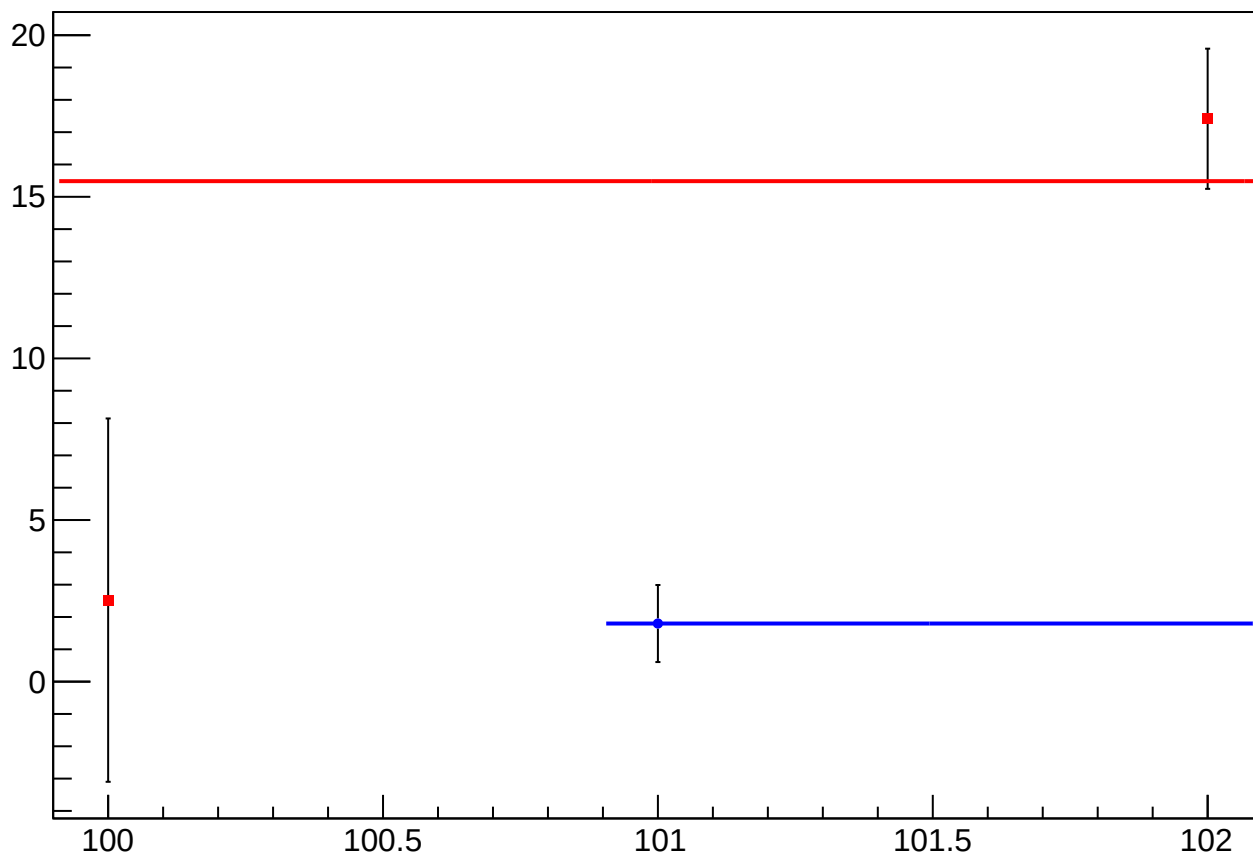
Right: -32.945+/-1.177 χ^2/NDF : 26.3/2

In: -32.139+/-1.457 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.945+/-1.177 χ^2/NDF : 26.3/2

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.798+/-1.192 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.485+/-2.023 χ^2/NDF : 6.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

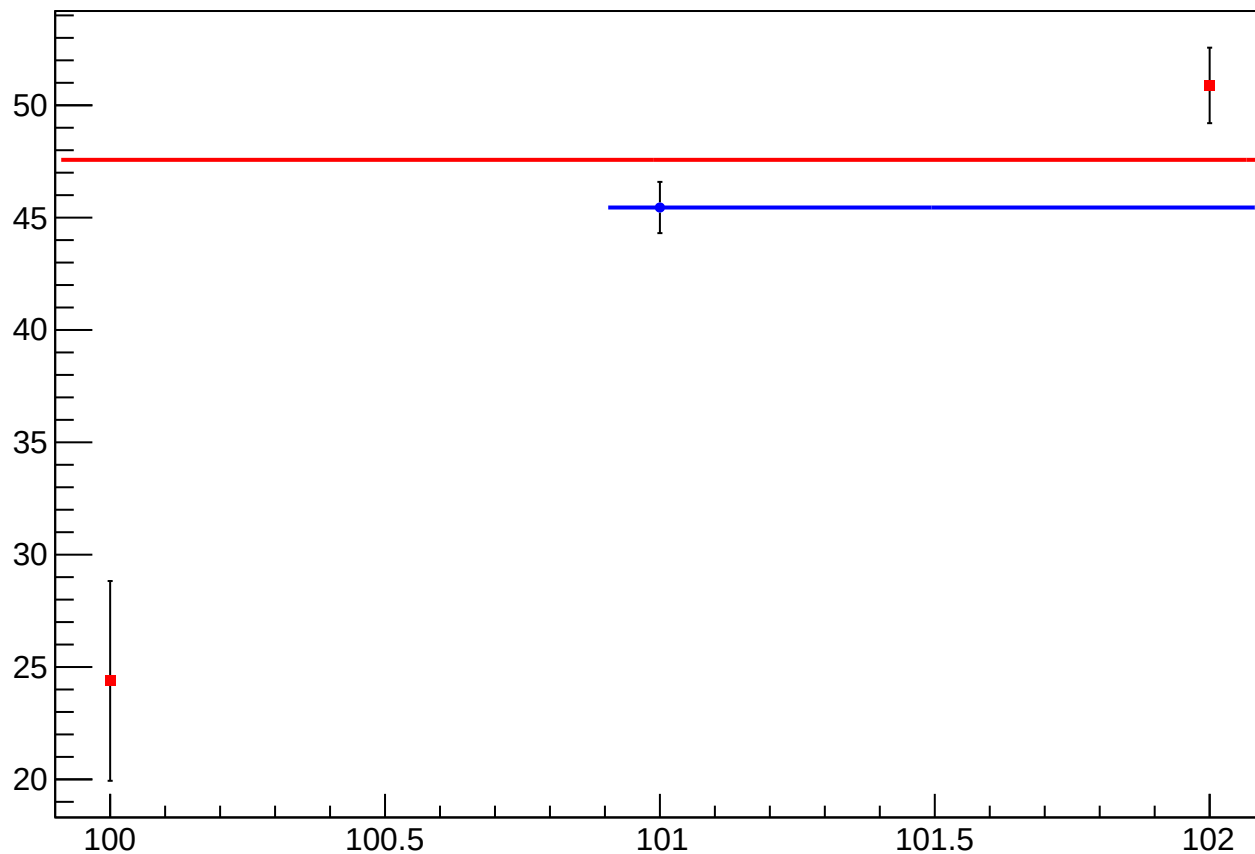
Right: 5.324+/-1.027 χ^2/NDF : 40.1/2

In: 1.798+/-1.192 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.324+/-1.027 χ^2/NDF : 40.1/2

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 45.450 $\pm$ 1.140 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 47.572 $\pm$ 1.572 χ^2 /NDF: 31.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

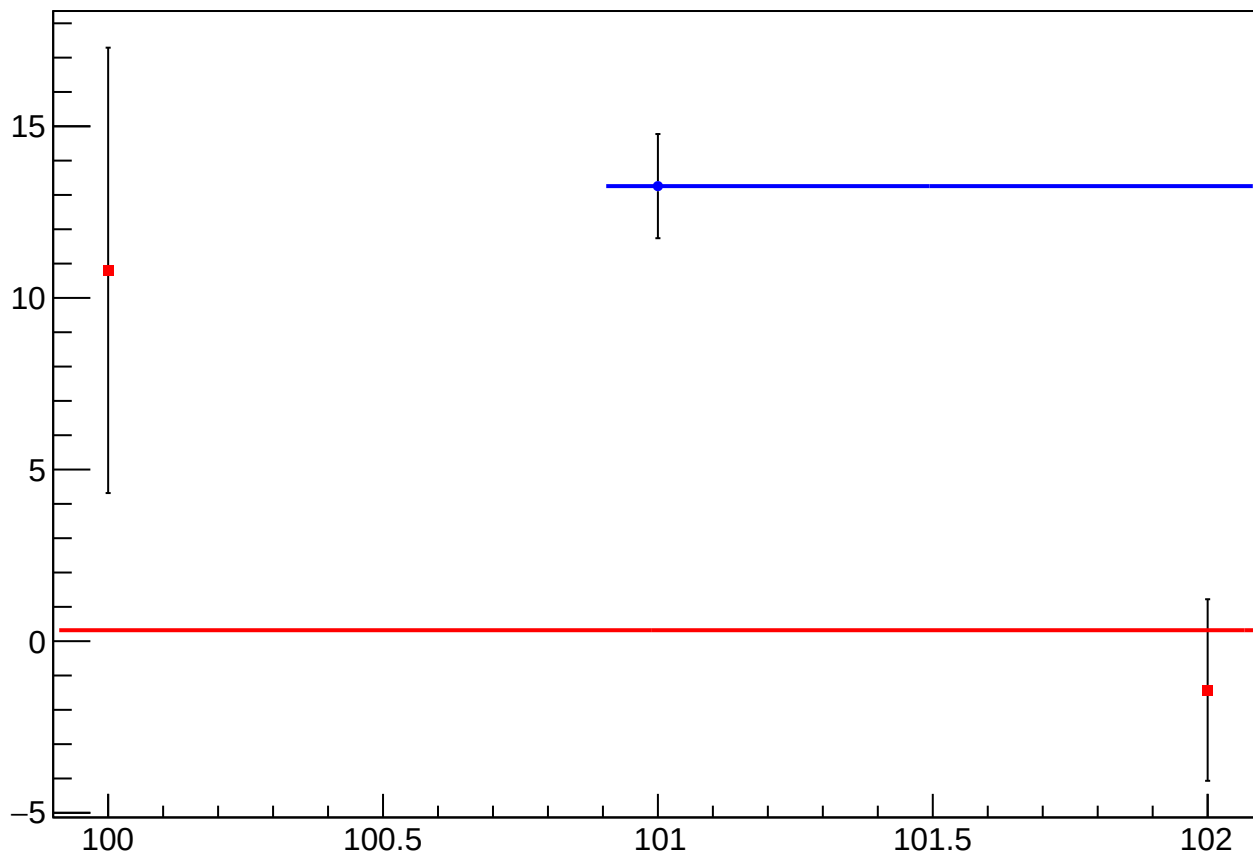
Right: 46.182 $\pm$ 0.923 χ^2 /NDF: 32.3/2

In: 45.450 $\pm$ 1.140 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 46.182 $\pm$ 0.923 χ^2 /NDF: 32.3/2

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.257 $\pm$ 1.518 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.319 $\pm$ 2.449 χ^2 /NDF: 3.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

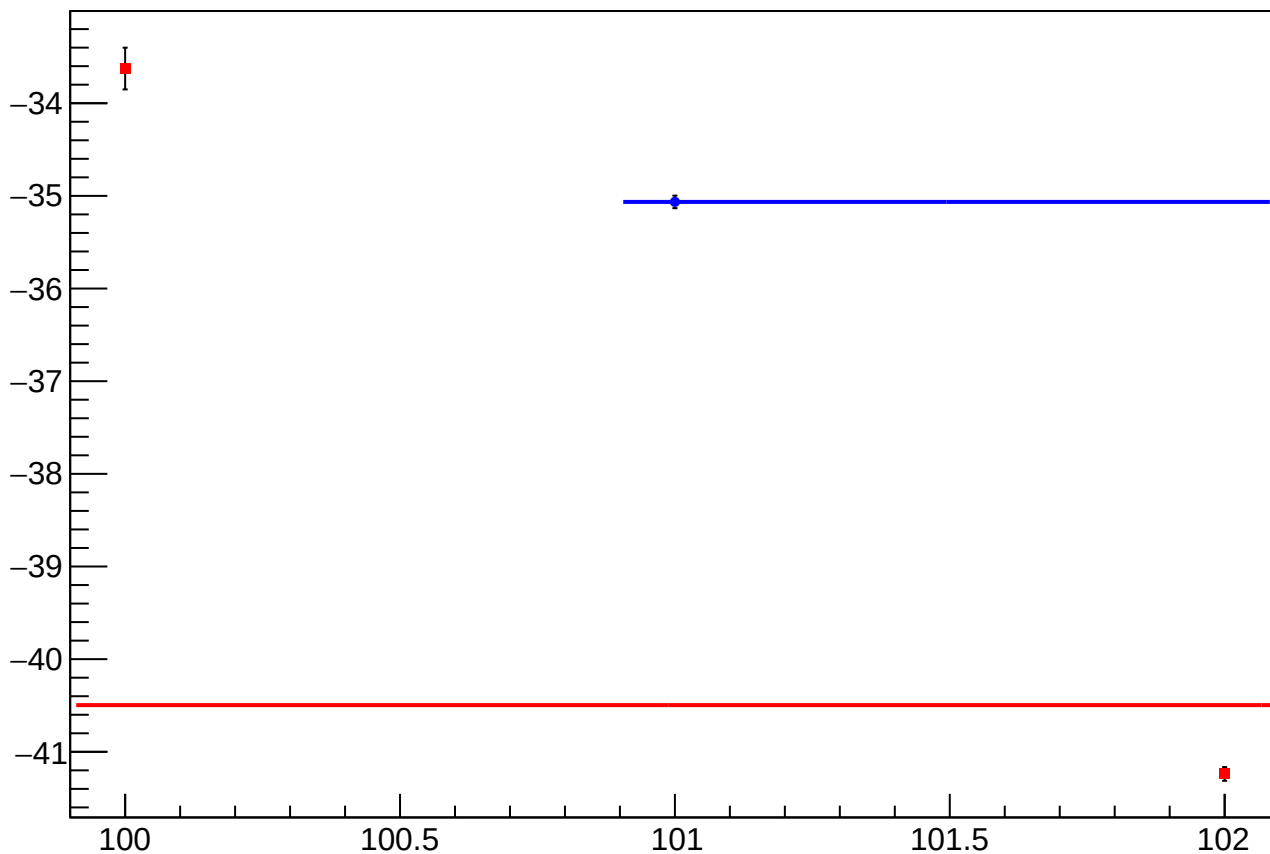
Right: 9.667 $\pm$ 1.290 χ^2 /NDF: 23.2/2

In: 13.257 $\pm$ 1.518 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.667 $\pm$ 1.290 χ^2 /NDF: 23.2/2

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -35.065 $\pm$ 0.068 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -40.496 $\pm$ 0.070 χ^2 /NDF: 1031.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

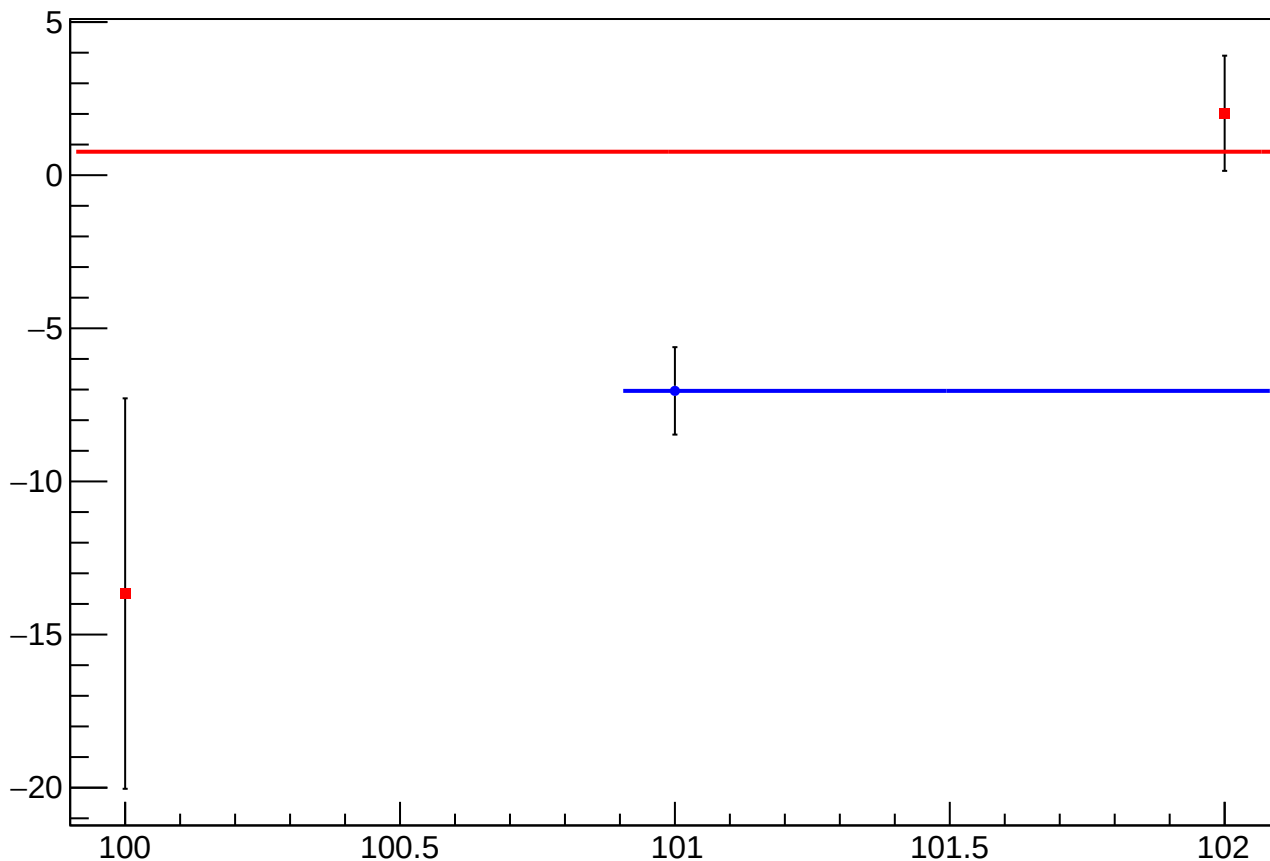
Right: -37.685 $\pm$ 0.049 χ^2 /NDF: 4115.2/2

In: -35.065 $\pm$ 0.068 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -37.685 $\pm$ 0.049 χ^2 /NDF: 4115.2/2

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -7.043+/-1.428 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.766+/-1.804 χ^2/NDF : 5.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

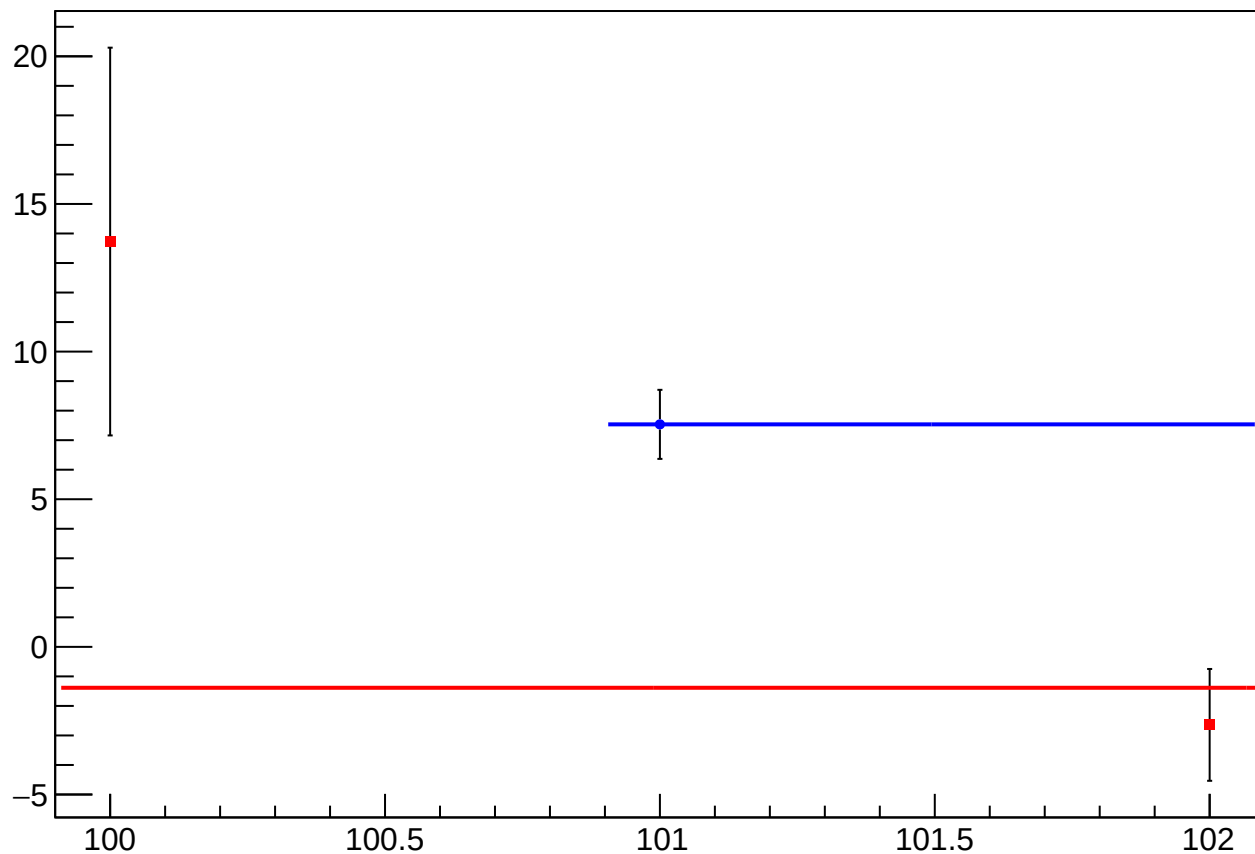
Right: -4.035+/-1.119 χ^2/NDF : 17.1/2

In: -7.043+/-1.428 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.035+/-1.119 χ^2/NDF : 17.1/2

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.536 $\pm$ 1.169 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.385 $\pm$ 1.819 χ^2 /NDF: 5.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

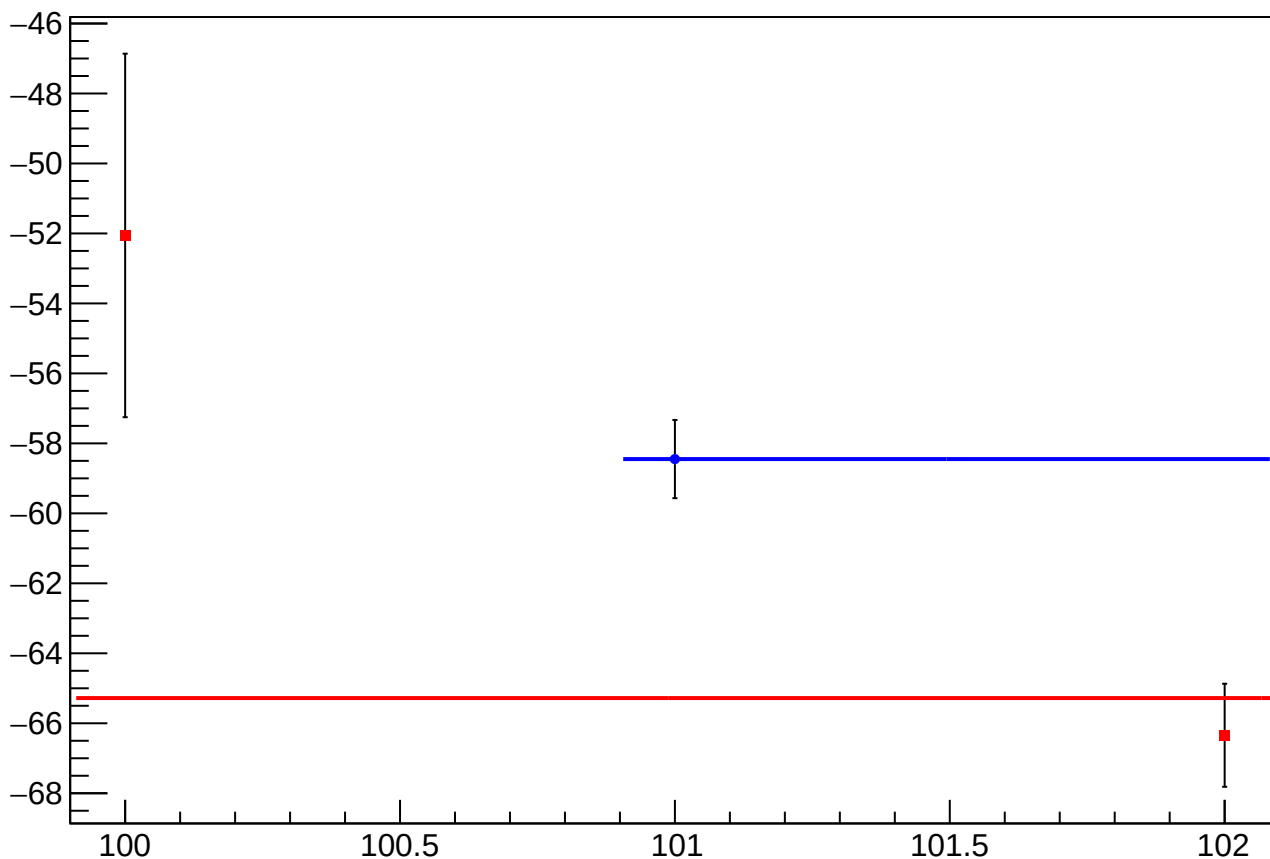
Right: 4.928 $\pm$ 0.984 χ^2 /NDF: 22.8/2

In: 7.536 $\pm$ 1.169 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.928 $\pm$ 0.984 χ^2 /NDF: 22.8/2

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -58.449 $\pm$ 1.118 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -65.280 $\pm$ 1.417 χ^2 /NDF: 7.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

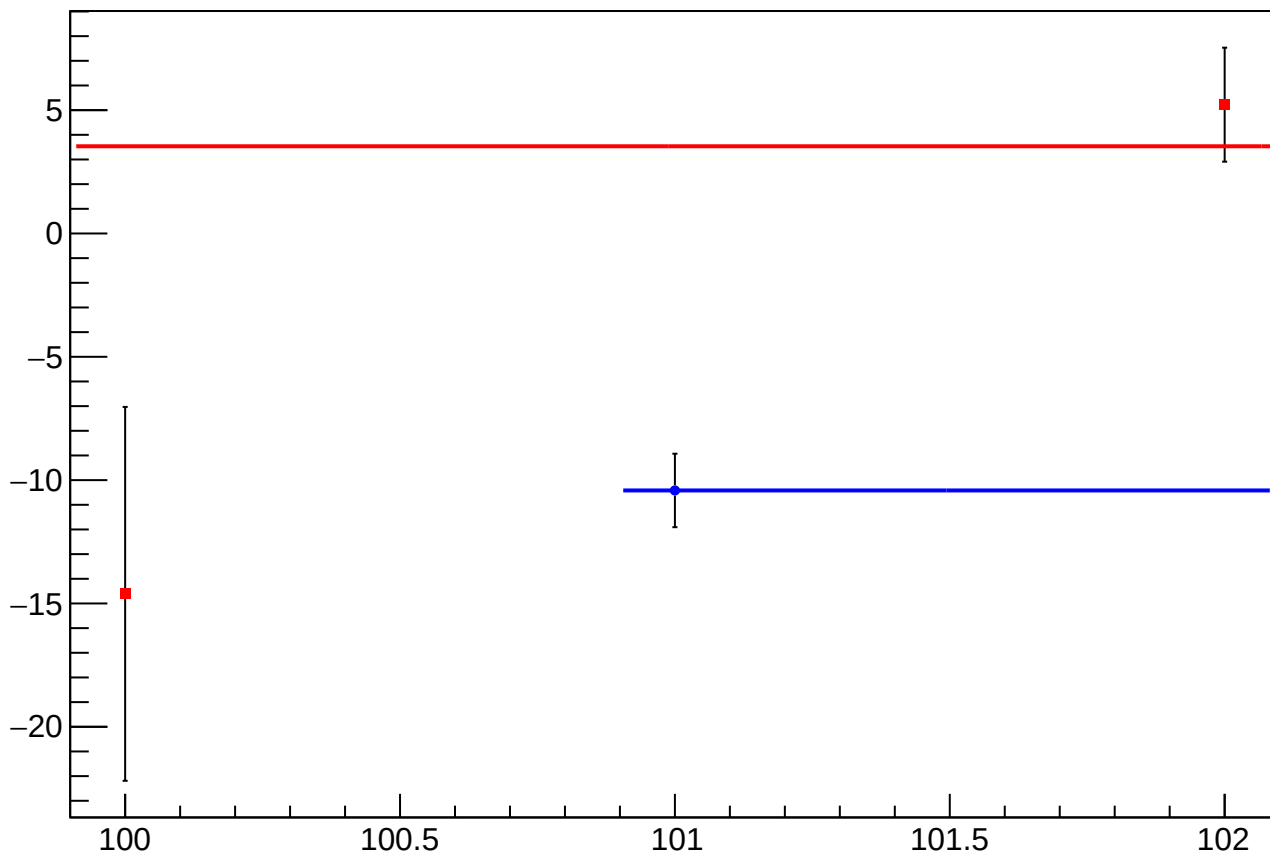
Right: -61.068 $\pm$ 0.878 χ^2 /NDF: 21.3/2

In: -58.449 $\pm$ 1.118 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -61.068 $\pm$ 0.878 χ^2 /NDF: 21.3/2

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -10.418 ± 1.489 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 3.535 ± 2.210 $\chi^2/\text{NDF}: 6.3/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

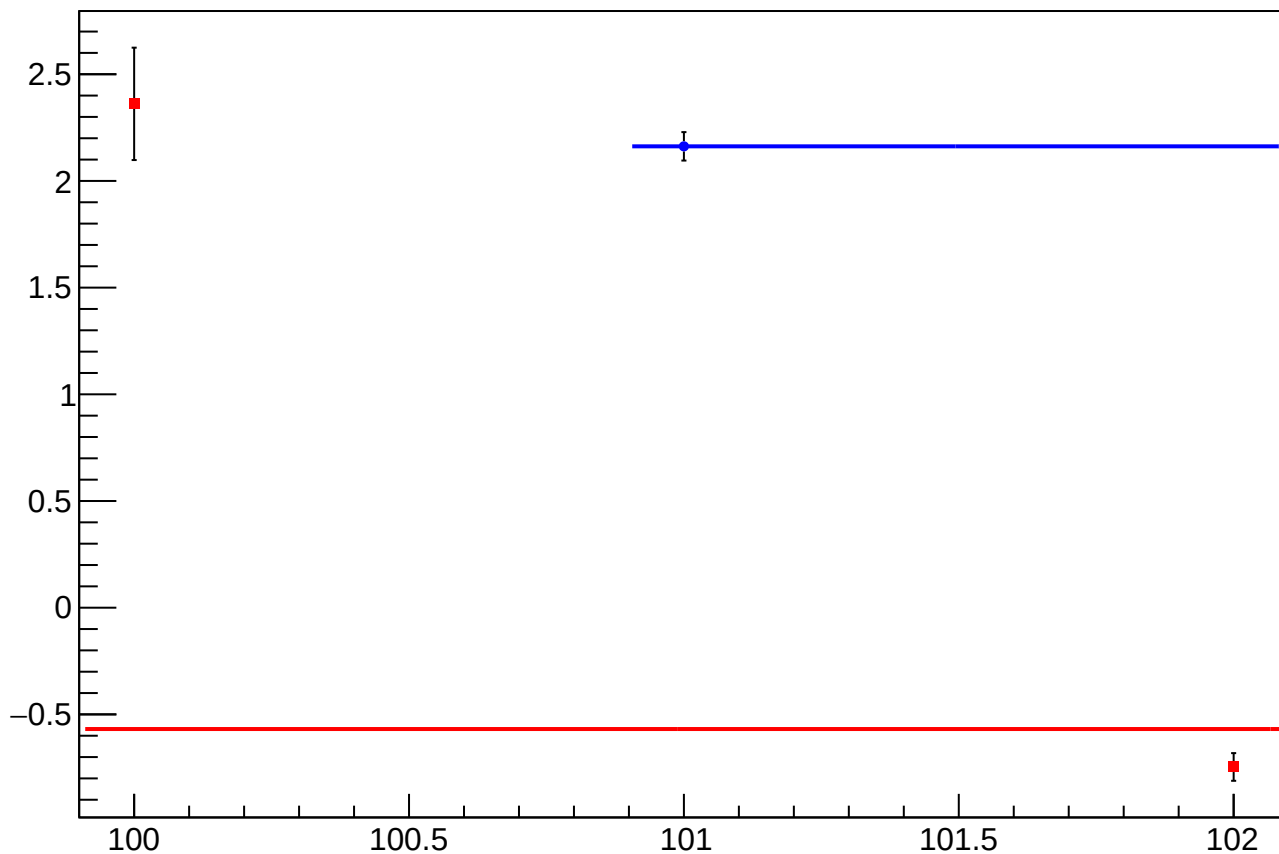
Right: -6.062 ± 1.235 $\chi^2/\text{NDF}: 33.7/2$

In: -10.418 ± 1.489 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -6.062 ± 1.235 $\chi^2/\text{NDF}: 33.7/2$

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 2.162 $\pm$ 0.067 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.569 $\pm$ 0.063 χ^2/NDF : 131.3/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

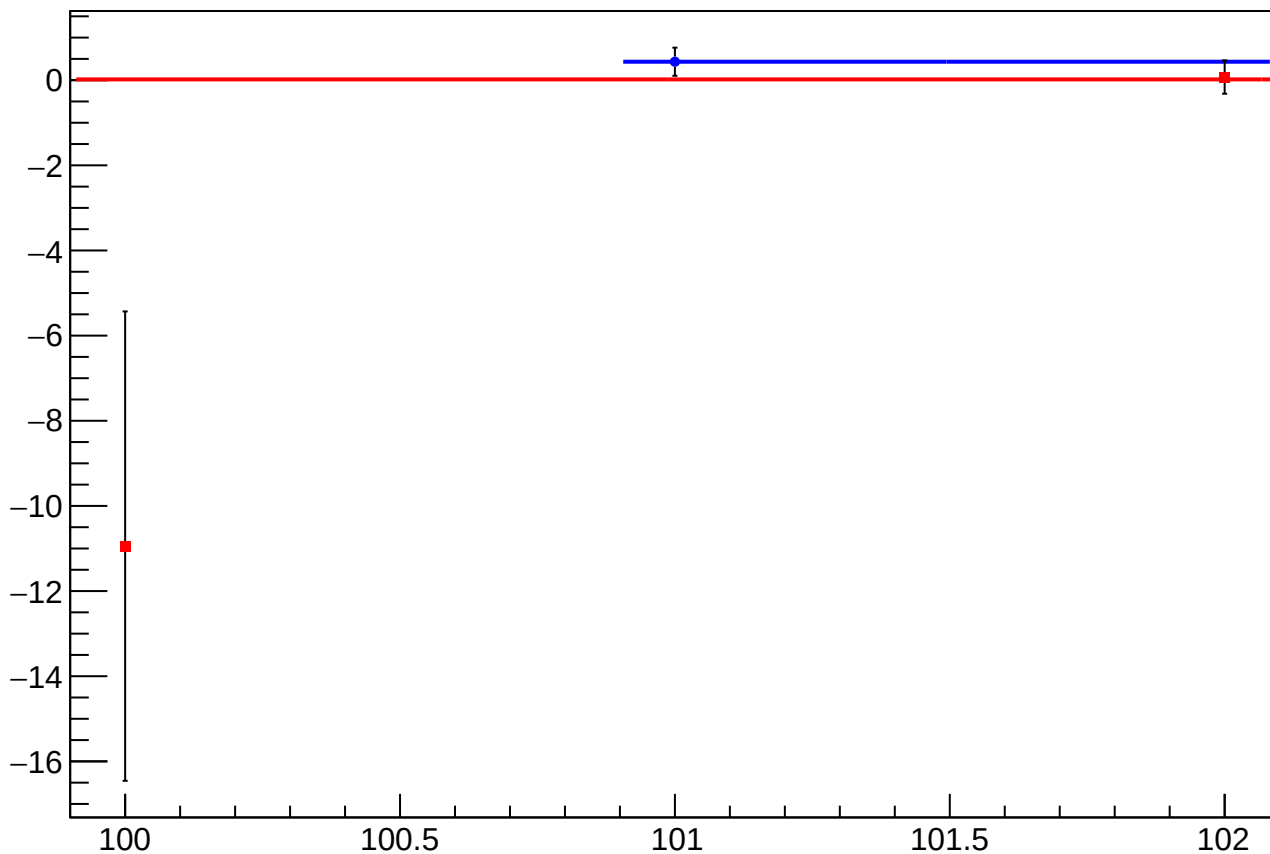
Right: 0.719 $\pm$ 0.046 χ^2/NDF : 1018.0/2

In: 2.162 $\pm$ 0.067 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.719 $\pm$ 0.046 χ^2/NDF : 1018.0/2

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.433+/-0.330 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.018+/-0.390 χ^2/NDF : 4.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

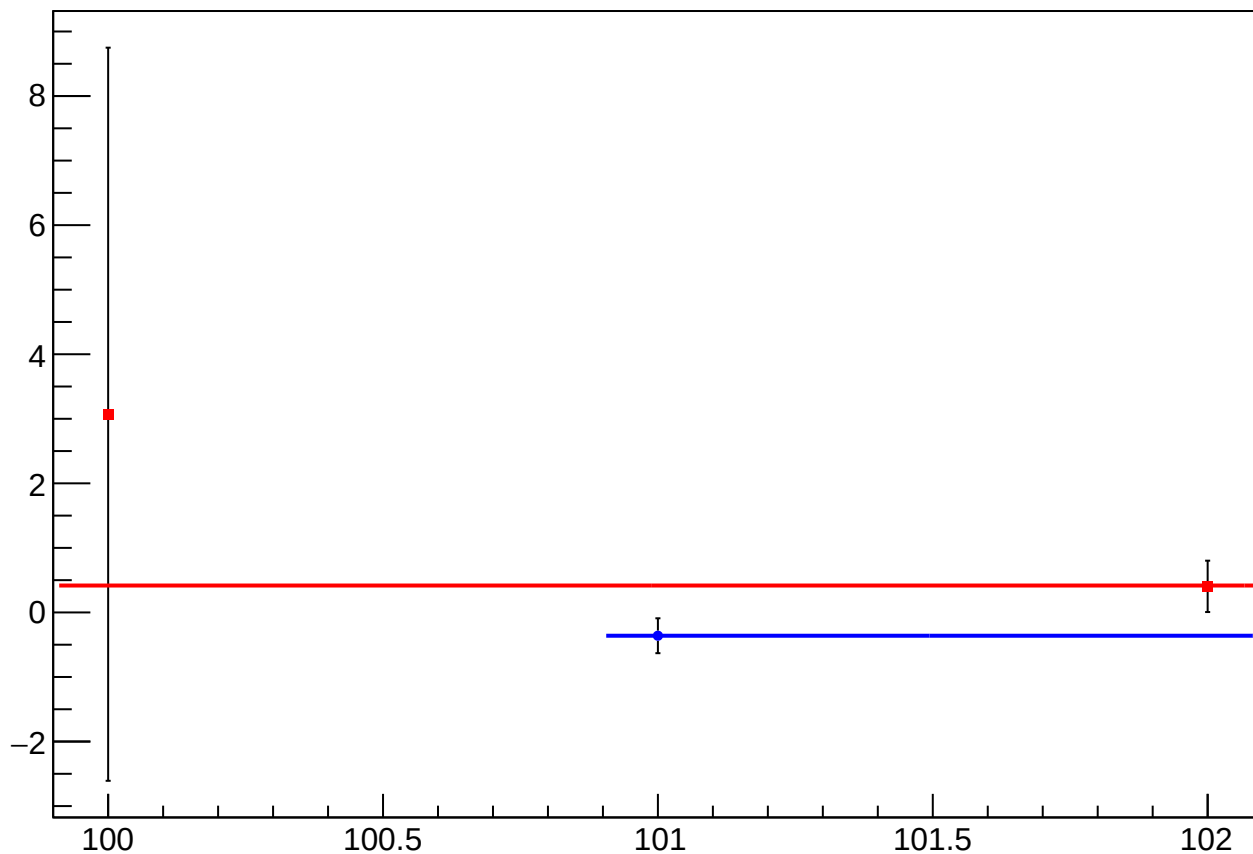
Right: 0.260+/-0.252 χ^2/NDF : 4.6/2

In: 0.433+/-0.330 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.260+/-0.252 χ^2/NDF : 4.6/2

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.361 $\pm$ 0.270 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.417 $\pm$ 0.397 χ^2 /NDF: 0.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

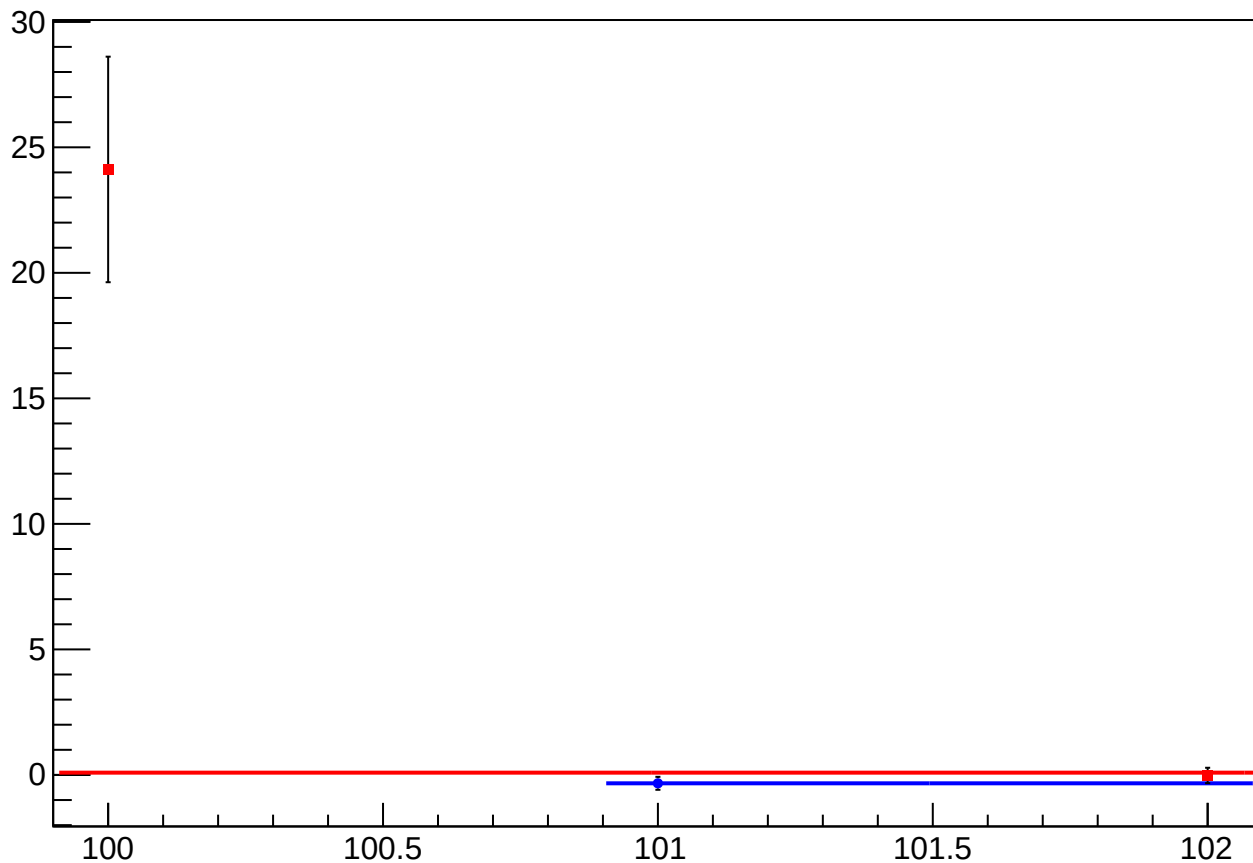
Right: -0.114 $\pm$ 0.223 χ^2 /NDF: 2.8/2

In: -0.361 $\pm$ 0.270 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.114 $\pm$ 0.223 χ^2 /NDF: 2.8/2

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.334 ± 0.258 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.091 ± 0.306 $\chi^2/\text{NDF}: 28.7/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

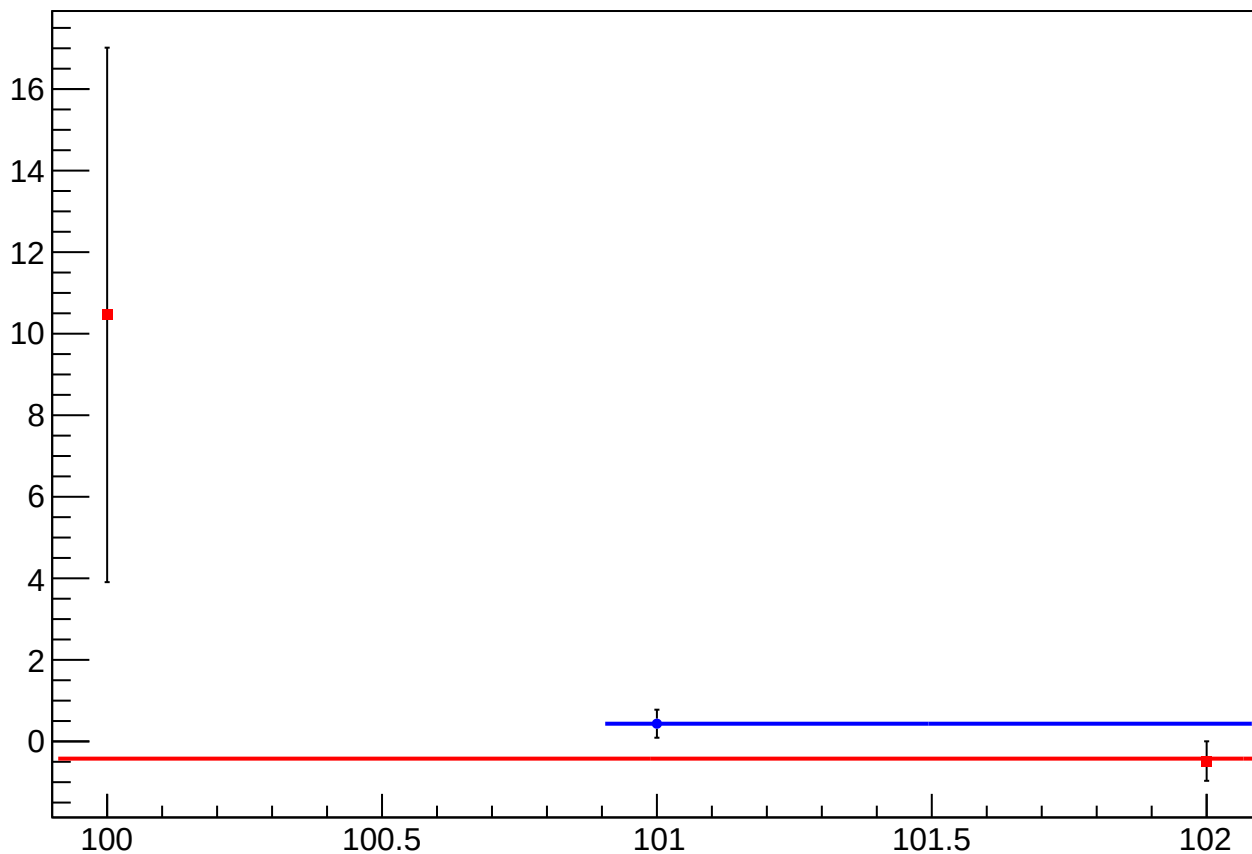
Right: -0.157 ± 0.197 $\chi^2/\text{NDF}: 29.9/2$

In: -0.334 ± 0.258 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.157 ± 0.197 $\chi^2/\text{NDF}: 29.9/2$

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.434 $\pm$ 0.344 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.422 $\pm$ 0.483 χ^2 /NDF: 2.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

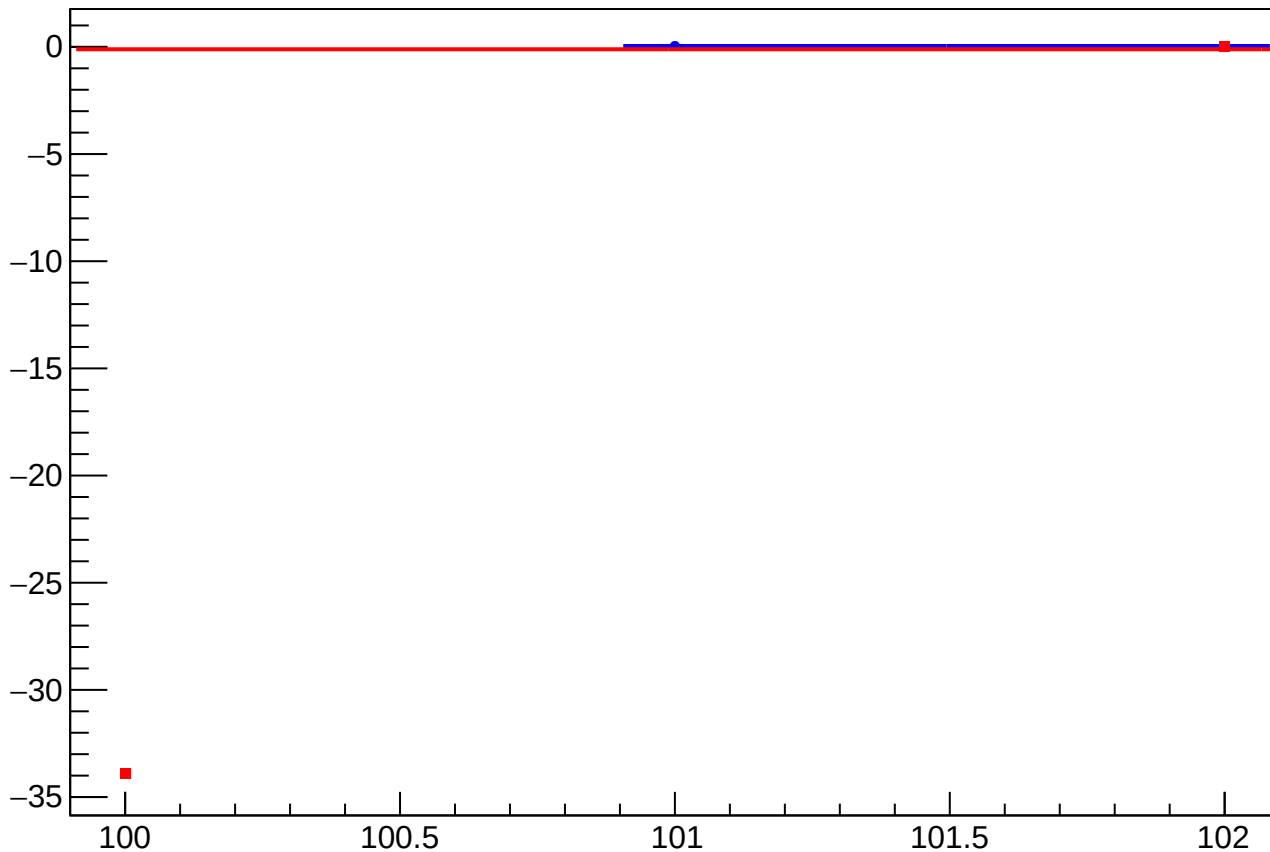
Right: 0.146 $\pm$ 0.280 χ^2 /NDF: 4.9/2

In: 0.434 $\pm$ 0.344 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.146 $\pm$ 0.280 χ^2 /NDF: 4.9/2

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.042 $\pm$ 0.015 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.111 $\pm$ 0.013 χ^2 /NDF: 22152.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

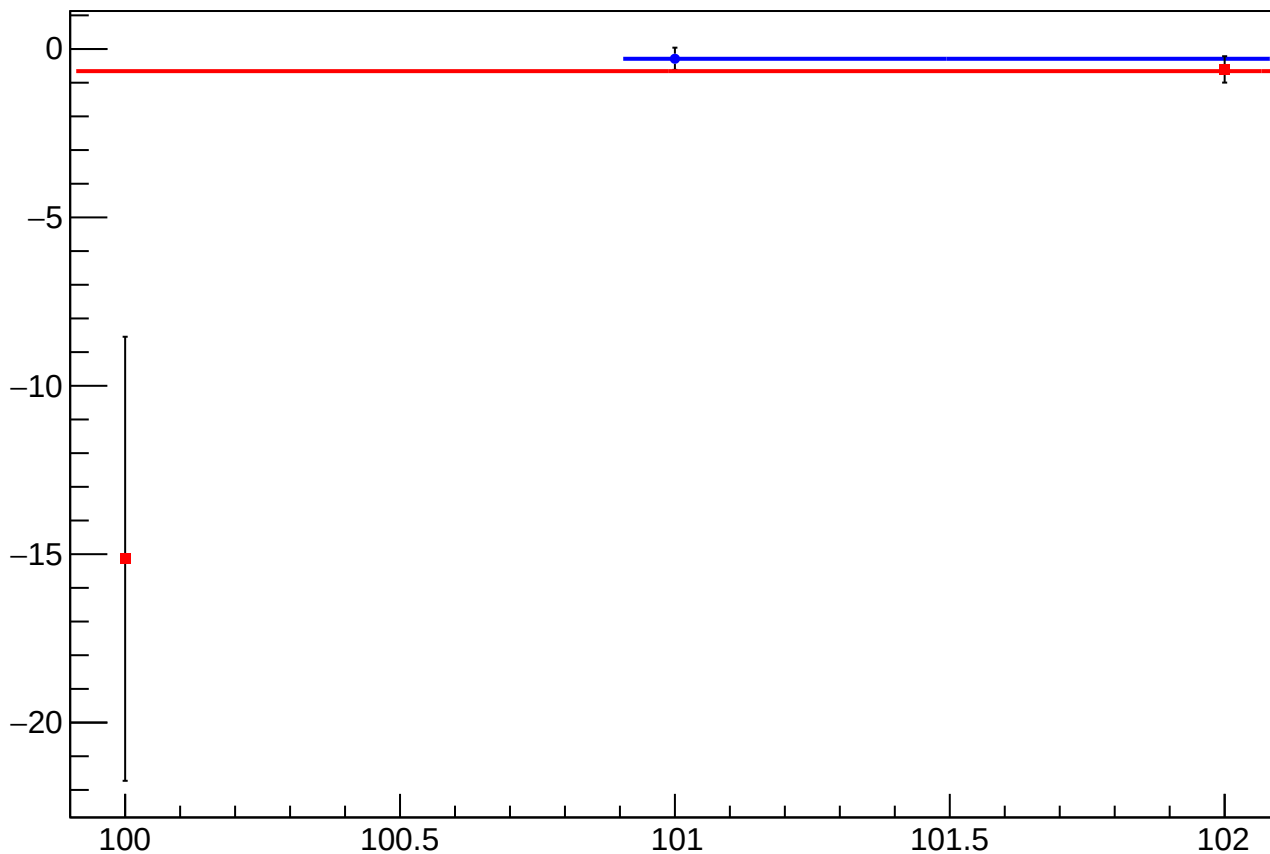
Right: -0.045 $\pm$ 0.010 χ^2 /NDF: 22208.2/2

In: 0.042 $\pm$ 0.015 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.045 $\pm$ 0.010 χ^2 /NDF: 22208.2/2

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.290 ± 0.330 χ^2/NDF : 0.0/0

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.657 ± 0.391 χ^2/NDF : 4.8/1

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

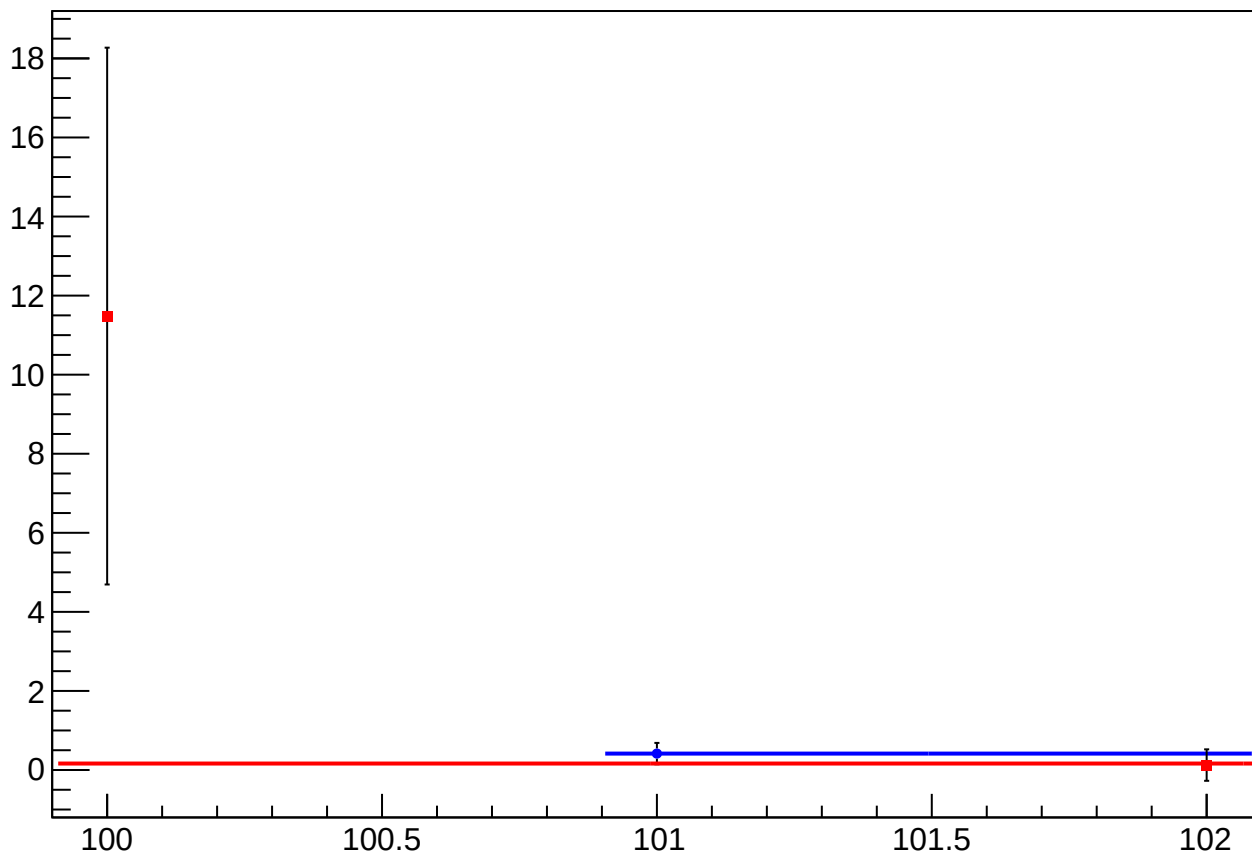
Right: -0.442 ± 0.252 χ^2/NDF : 5.4/2

In: -0.290 ± 0.330 χ^2/NDF : 0.0/0

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.442 ± 0.252 χ^2/NDF : 5.4/2

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.415+/-0.270 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.163+/-0.397 χ^2/NDF : 2.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

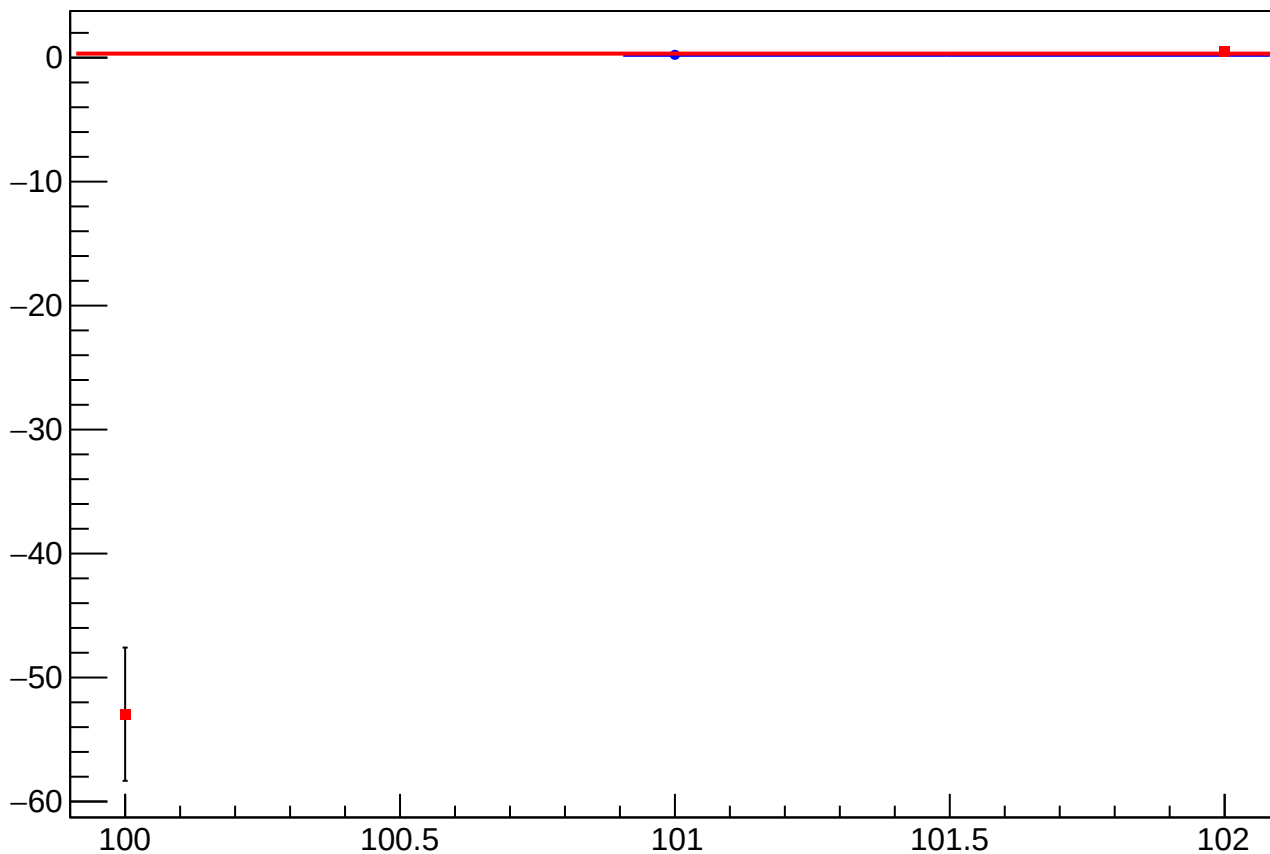
Right: 0.335+/-0.223 χ^2/NDF : 3.1/2

In: 0.415+/-0.270 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.335+/-0.223 χ^2/NDF : 3.1/2

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.228+/-0.258 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.326+/-0.306 χ^2/NDF : 98.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

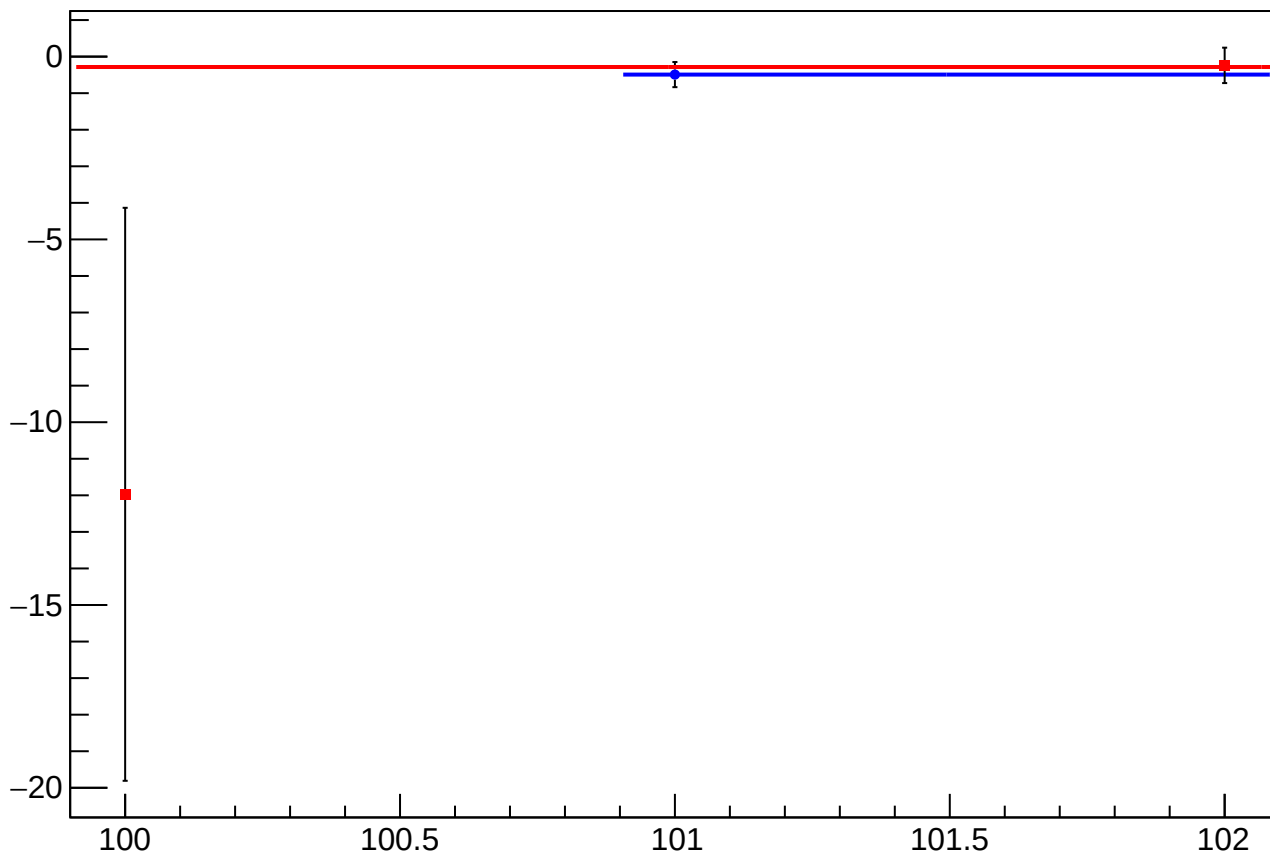
Right: 0.269+/-0.197 χ^2/NDF : 98.7/2

In: 0.228+/-0.258 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.269+/-0.197 χ^2/NDF : 98.7/2

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.492 ± 0.344 χ^2/NDF : 0.0/0

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.284 ± 0.483 χ^2/NDF : 2.2/1

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

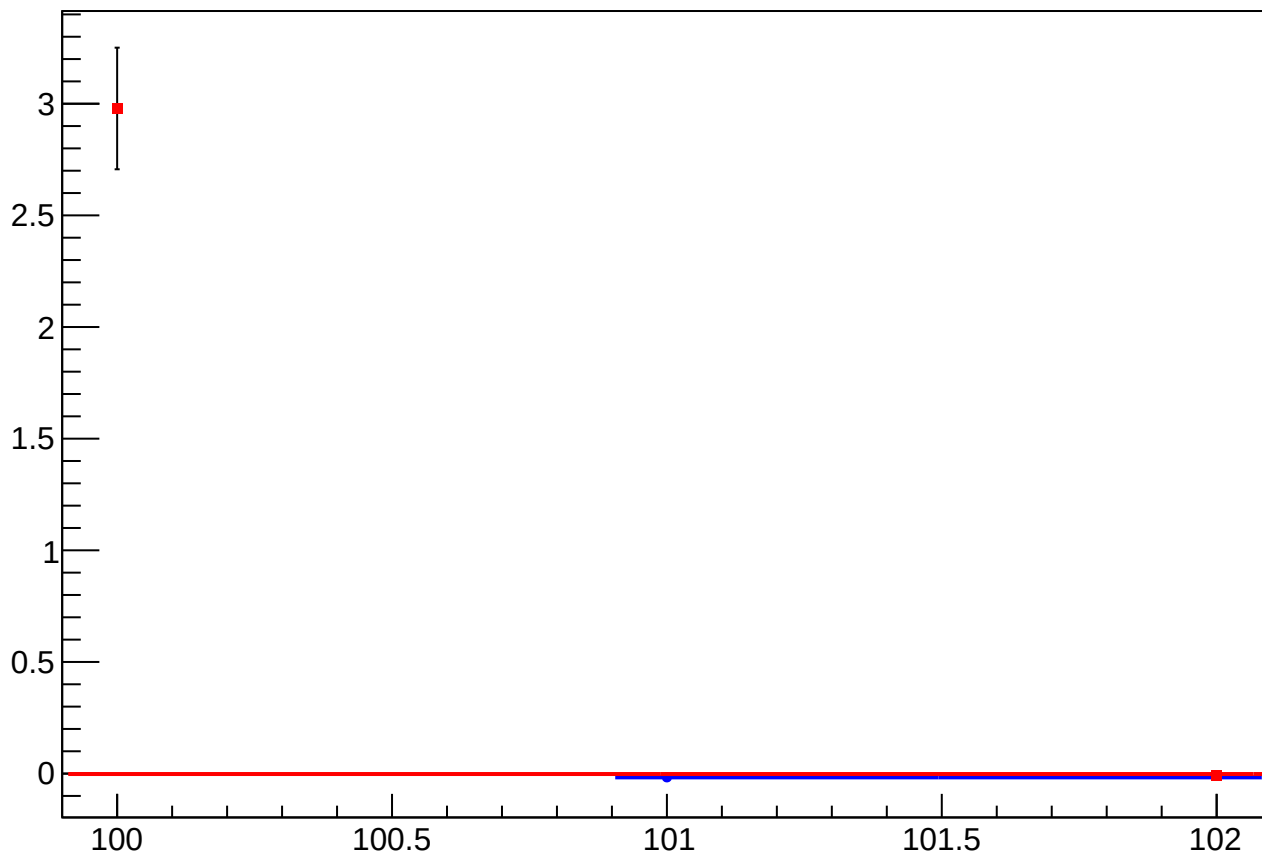
Right: -0.422 ± 0.280 χ^2/NDF : 2.4/2

In: -0.492 ± 0.344 χ^2/NDF : 0.0/0

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.422 ± 0.280 χ^2/NDF : 2.4/2

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.017 $\pm$ 0.015 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.002 $\pm$ 0.013 χ^2 /NDF: 120.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

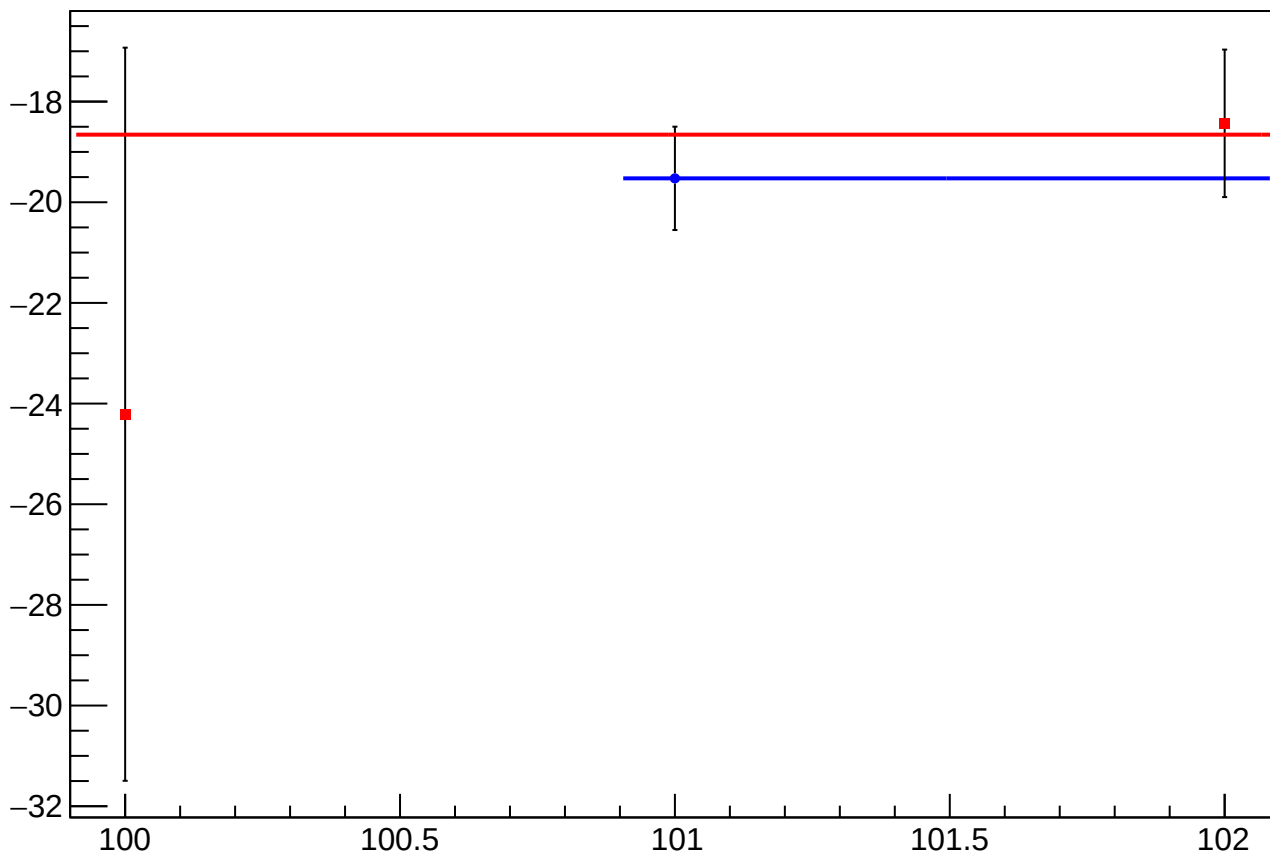
Right: -0.008 $\pm$ 0.010 χ^2 /NDF: 120.6/2

In: -0.017 $\pm$ 0.015 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.008 $\pm$ 0.010 χ^2 /NDF: 120.6/2

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -19.525+/-1.027 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.657+/-1.436 χ^2/NDF : 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

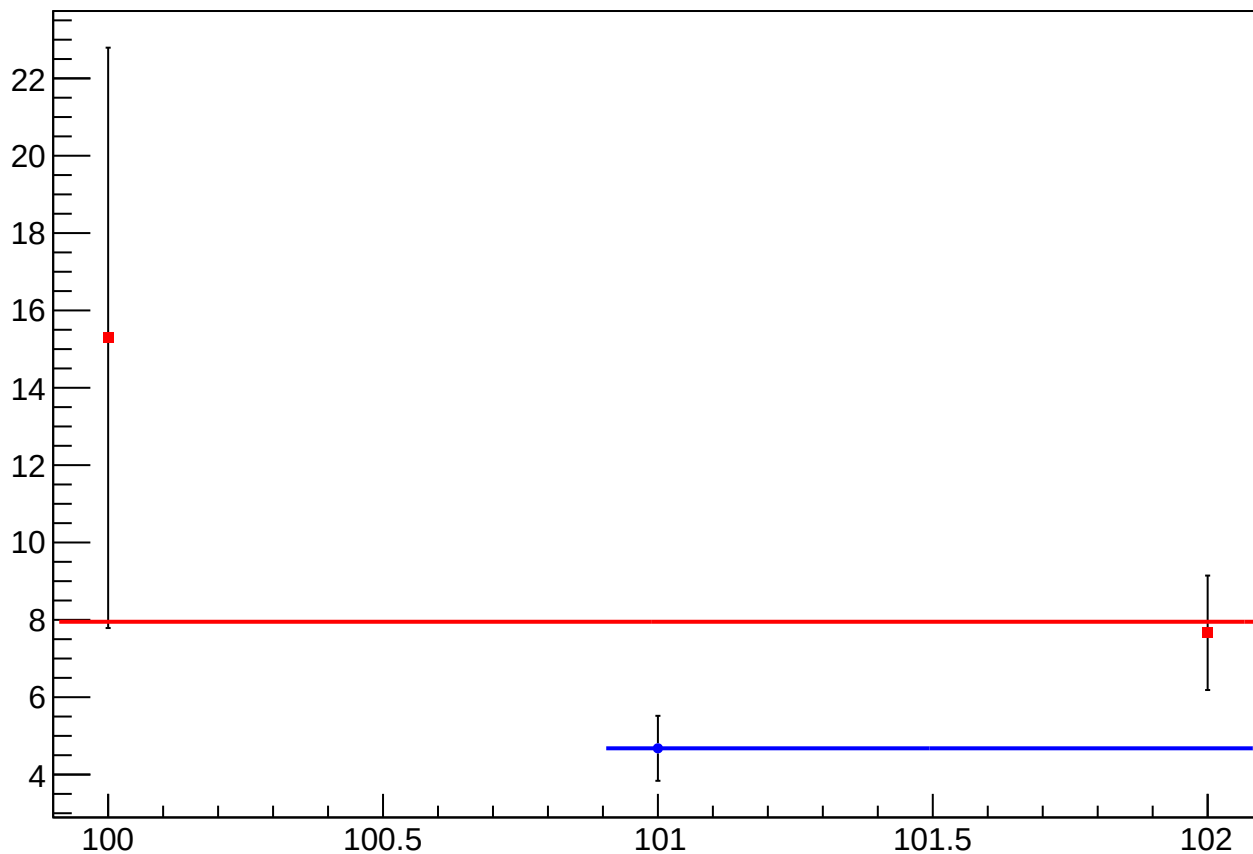
Right: -19.232+/-0.835 χ^2/NDF : 0.8/2

In: -19.525+/-1.027 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.232+/-0.835 χ^2/NDF : 0.8/2

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.679+/-0.840 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.951+/-1.451 χ^2/NDF : 1.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

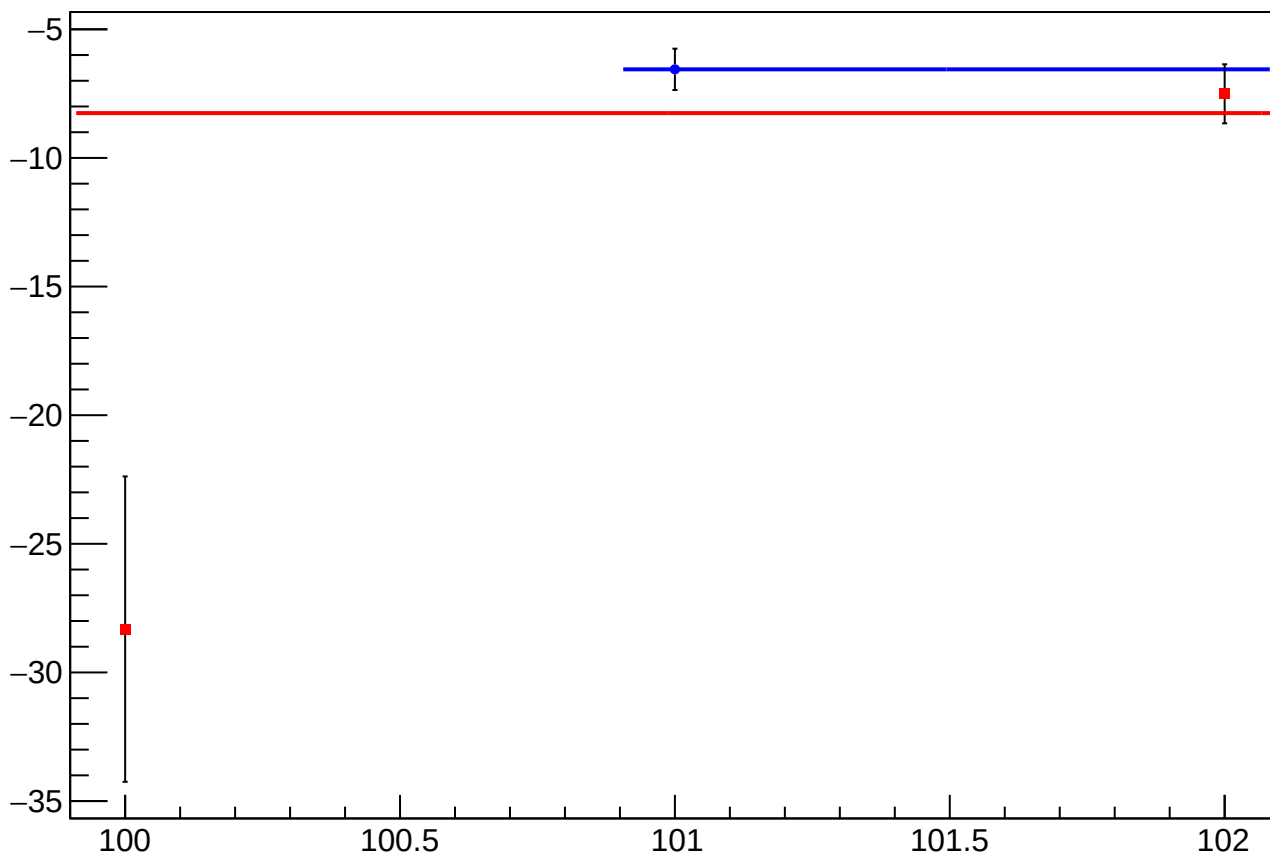
Right: 5.499+/-0.727 χ^2/NDF : 4.8/2

In: 4.679+/-0.840 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.499+/-0.727 χ^2/NDF : 4.8/2

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -6.556+/-0.803 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.257+/-1.127 χ^2/NDF : 11.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

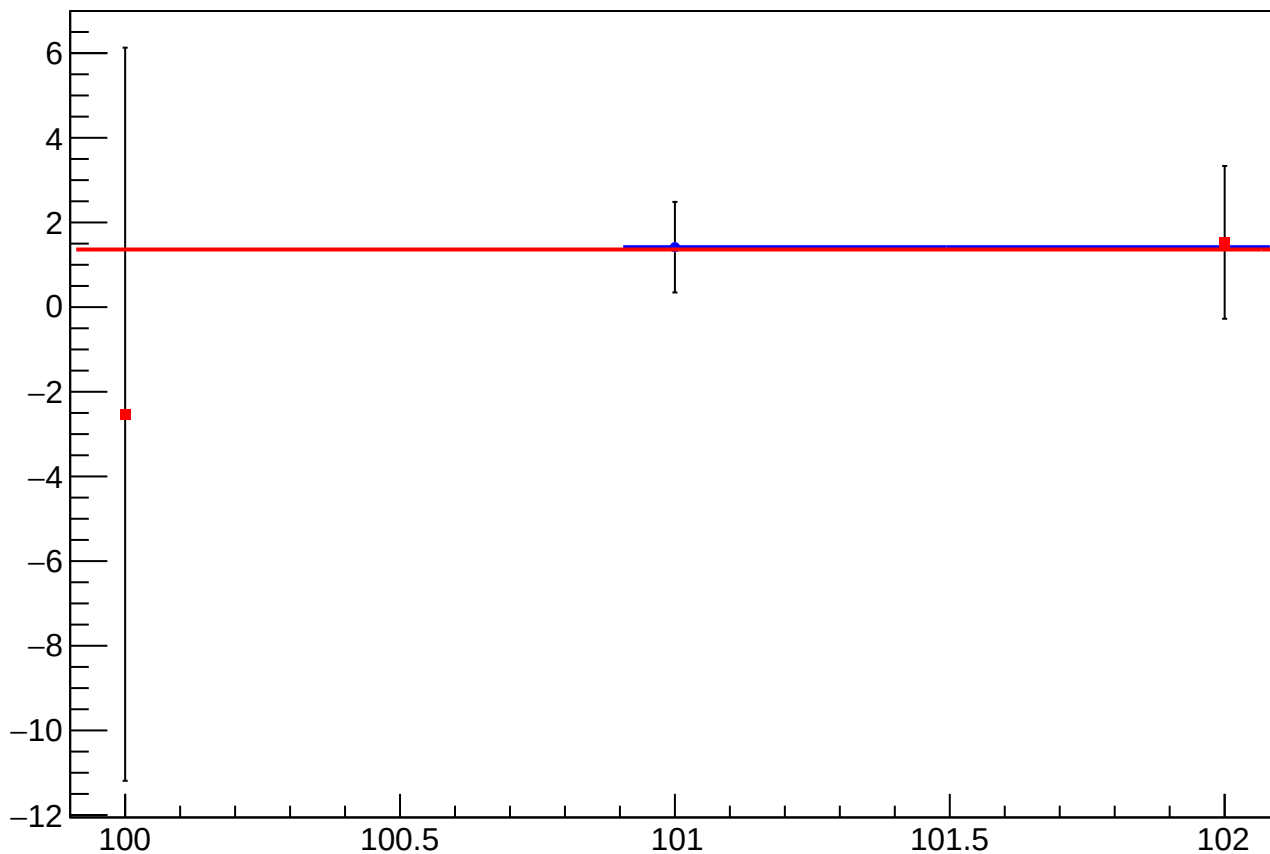
Right: -7.129+/-0.654 χ^2/NDF : 13.4/2

In: -6.556+/-0.803 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.129+/-0.654 χ^2/NDF : 13.4/2

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.416+/-1.070 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.361+/-1.767 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

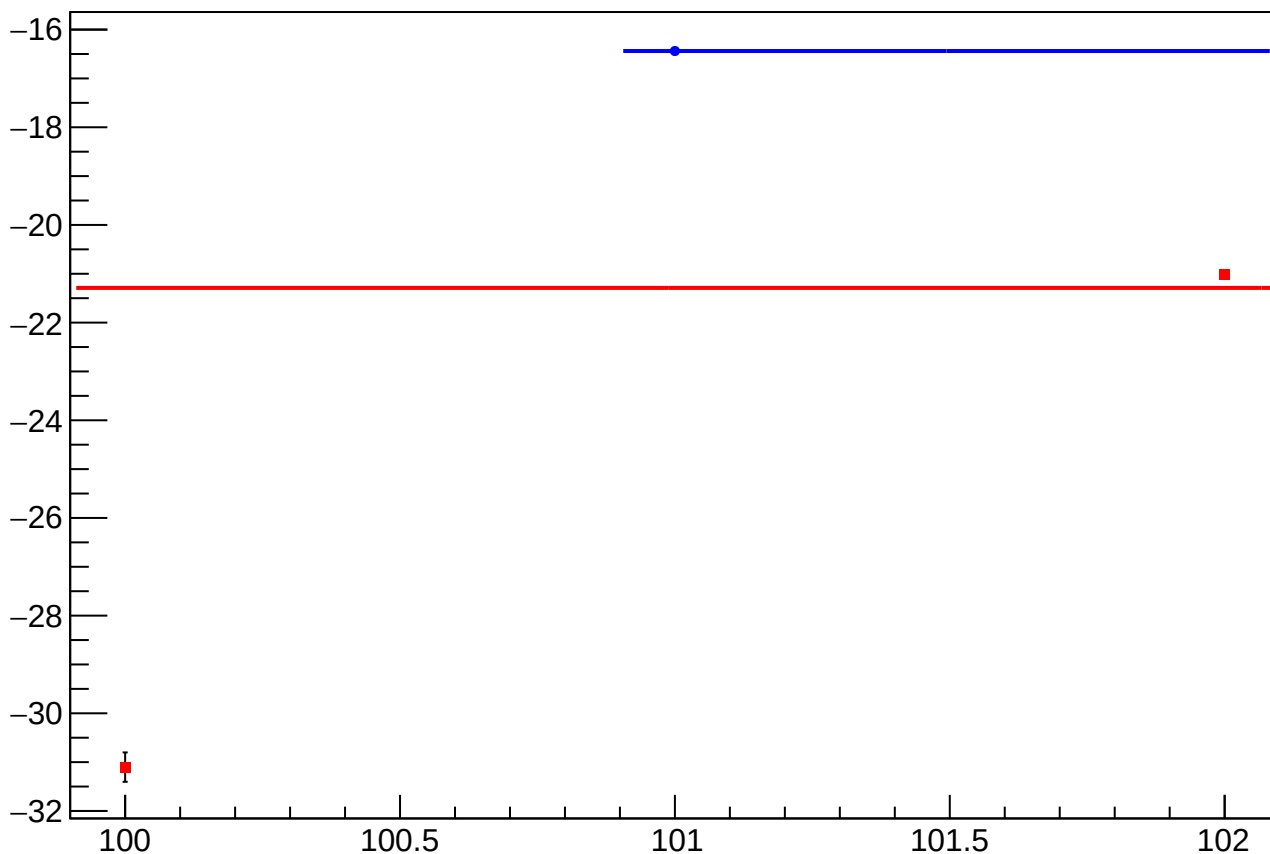
Right: 1.401+/-0.915 χ^2/NDF : 0.2/2

In: 1.416+/-1.070 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.401+/-0.915 χ^2/NDF : 0.2/2

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.439 $\pm$ 0.048 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -21.289 $\pm$ 0.050 χ^2 /NDF: 1094.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

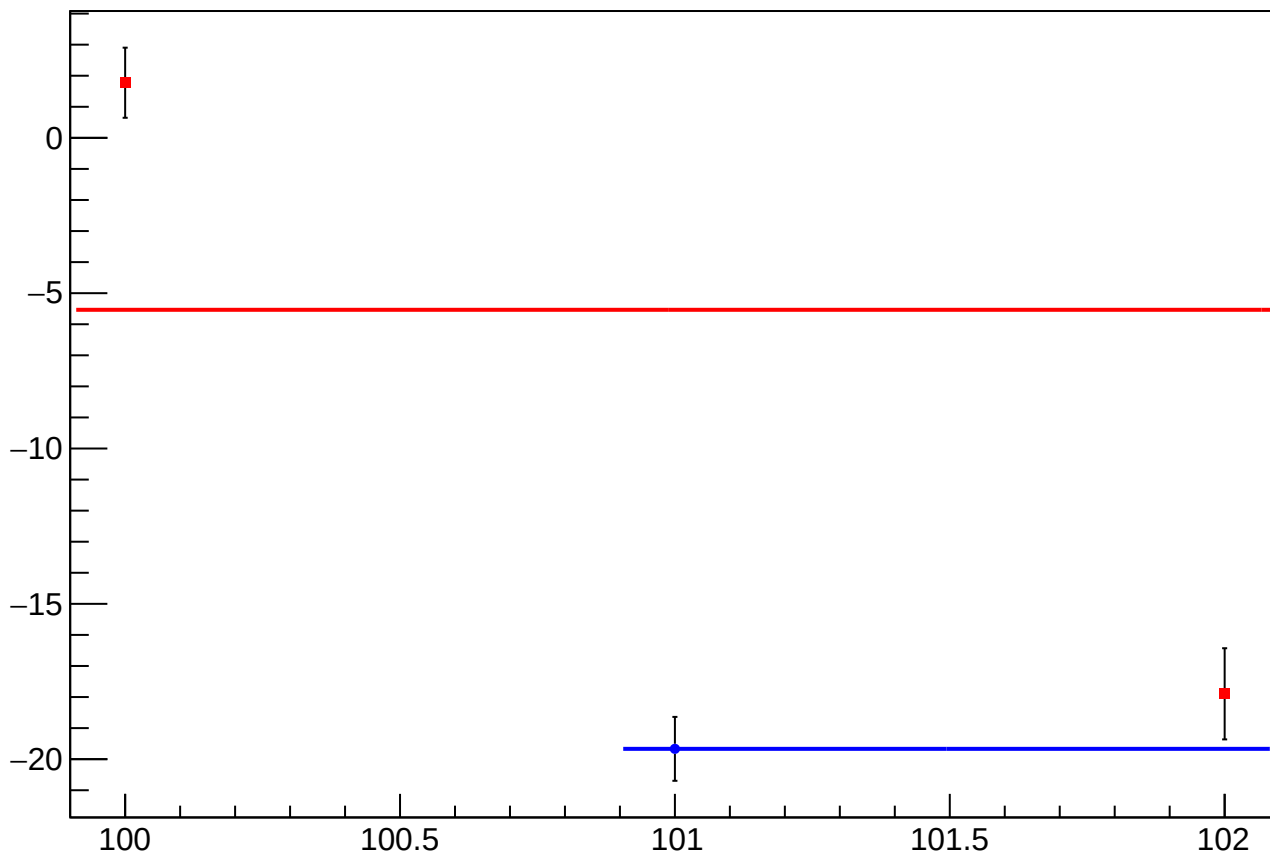
Right: -18.765 $\pm$ 0.035 χ^2 /NDF: 6019.9/2

In: -16.439 $\pm$ 0.048 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -18.765 $\pm$ 0.035 χ^2 /NDF: 6019.9/2

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -19.668 $\pm$ 1.028 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -5.535 $\pm$ 0.894 χ^2 /NDF: 112.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

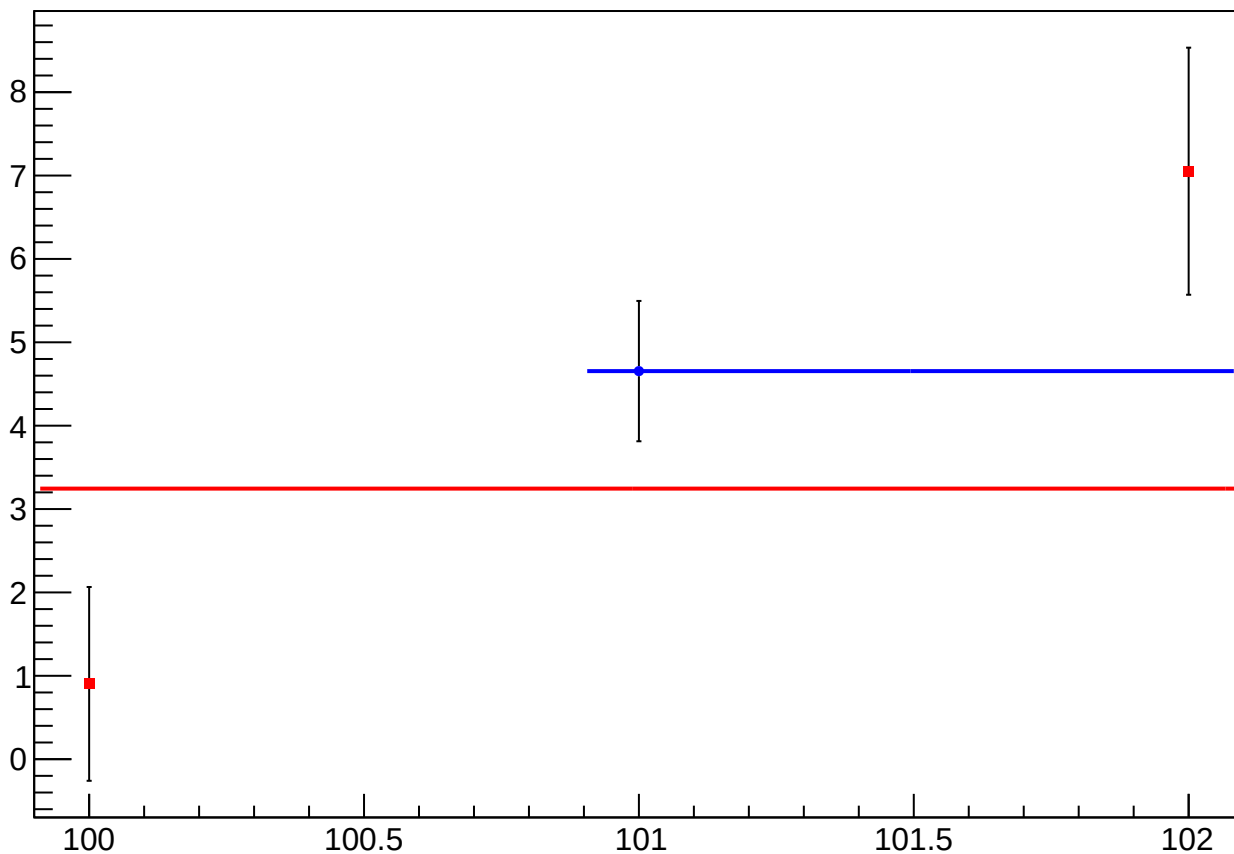
Right: -11.621 $\pm$ 0.675 χ^2 /NDF: 220.5/2

In: -19.668 $\pm$ 1.028 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -11.621 $\pm$ 0.675 χ^2 /NDF: 220.5/2

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.654+/-0.842 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.245+/-0.915 χ^2/NDF : 10.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

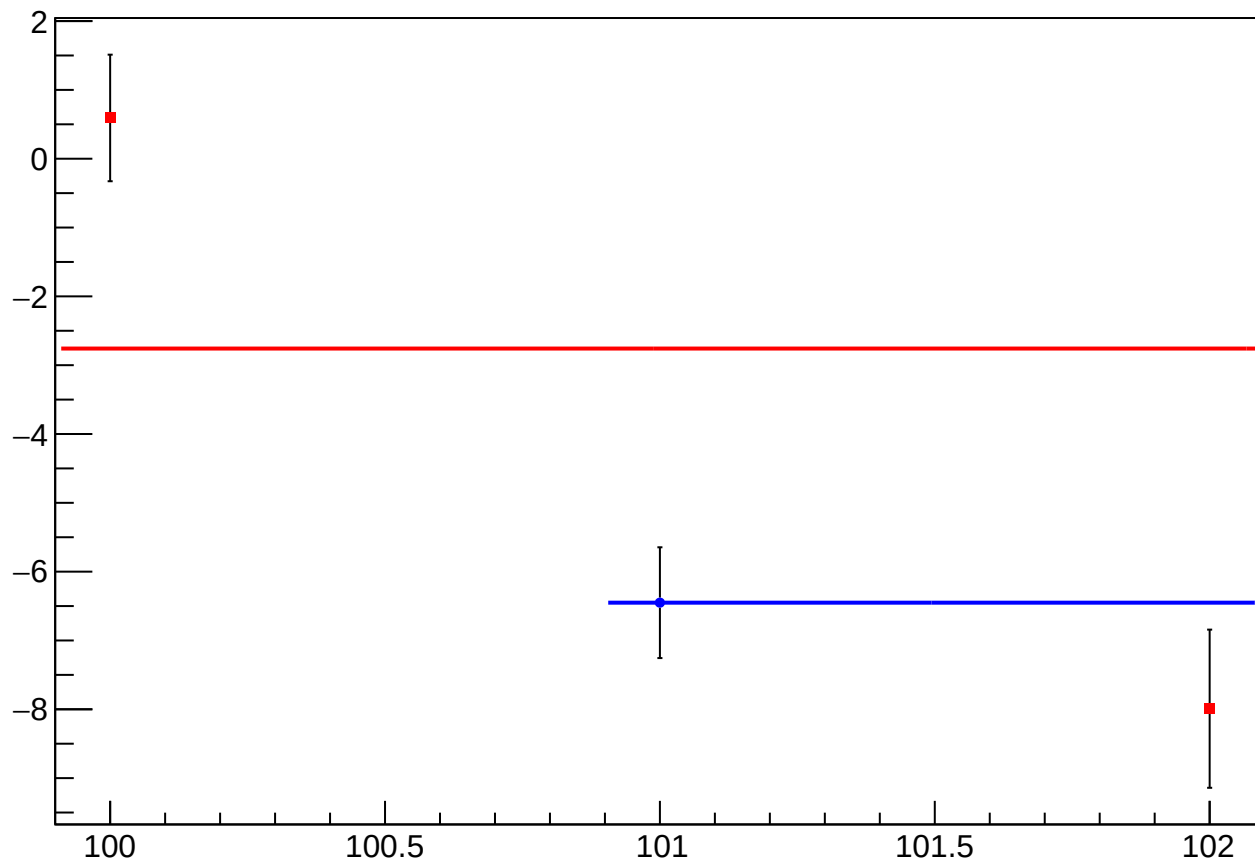
Right: 4.008+/-0.619 χ^2/NDF : 11.9/2

In: 4.654+/-0.842 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.008+/-0.619 χ^2/NDF : 11.9/2

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -6.451+/-0.805 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.758+/-0.718 χ^2/NDF : 34.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

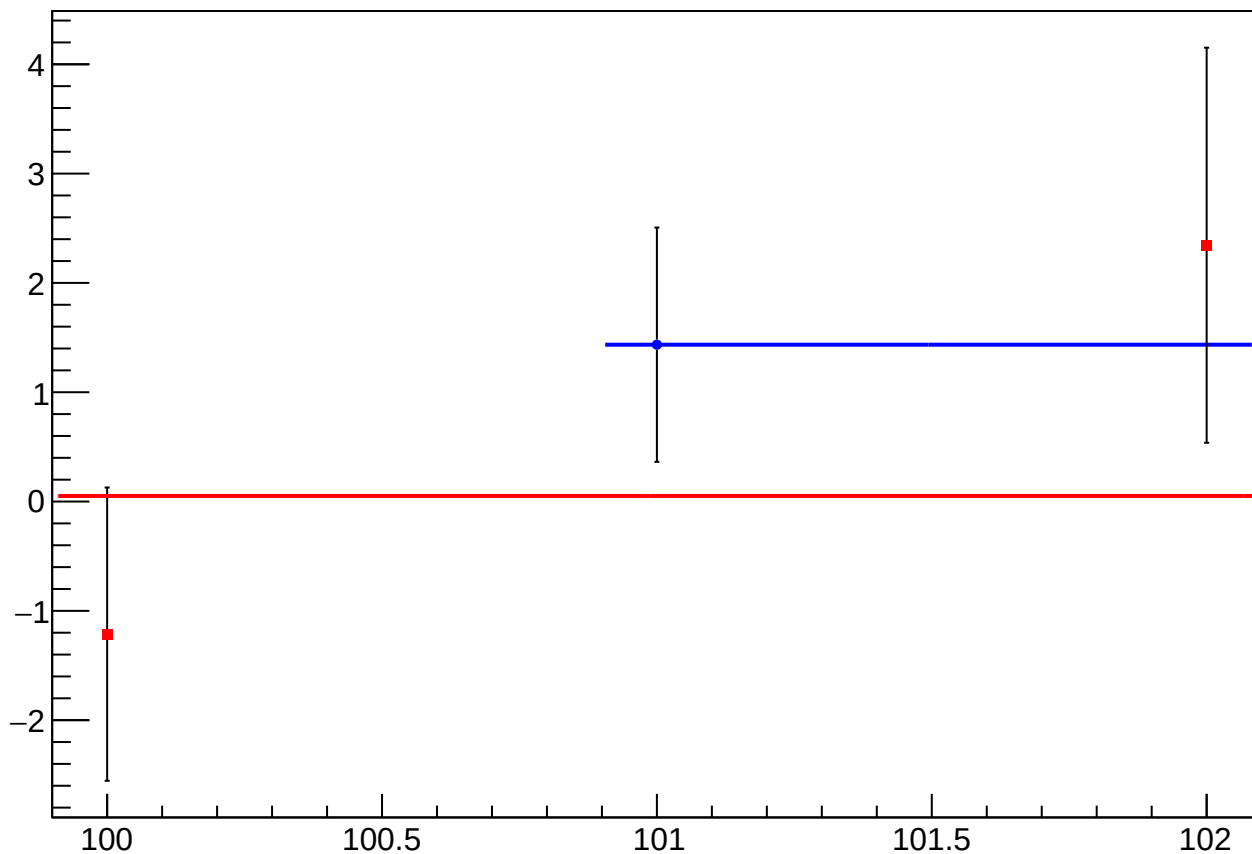
Right: -4.394+/-0.536 χ^2/NDF : 45.7/2

In: -6.451+/-0.805 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.394+/-0.536 χ^2/NDF : 45.7/2

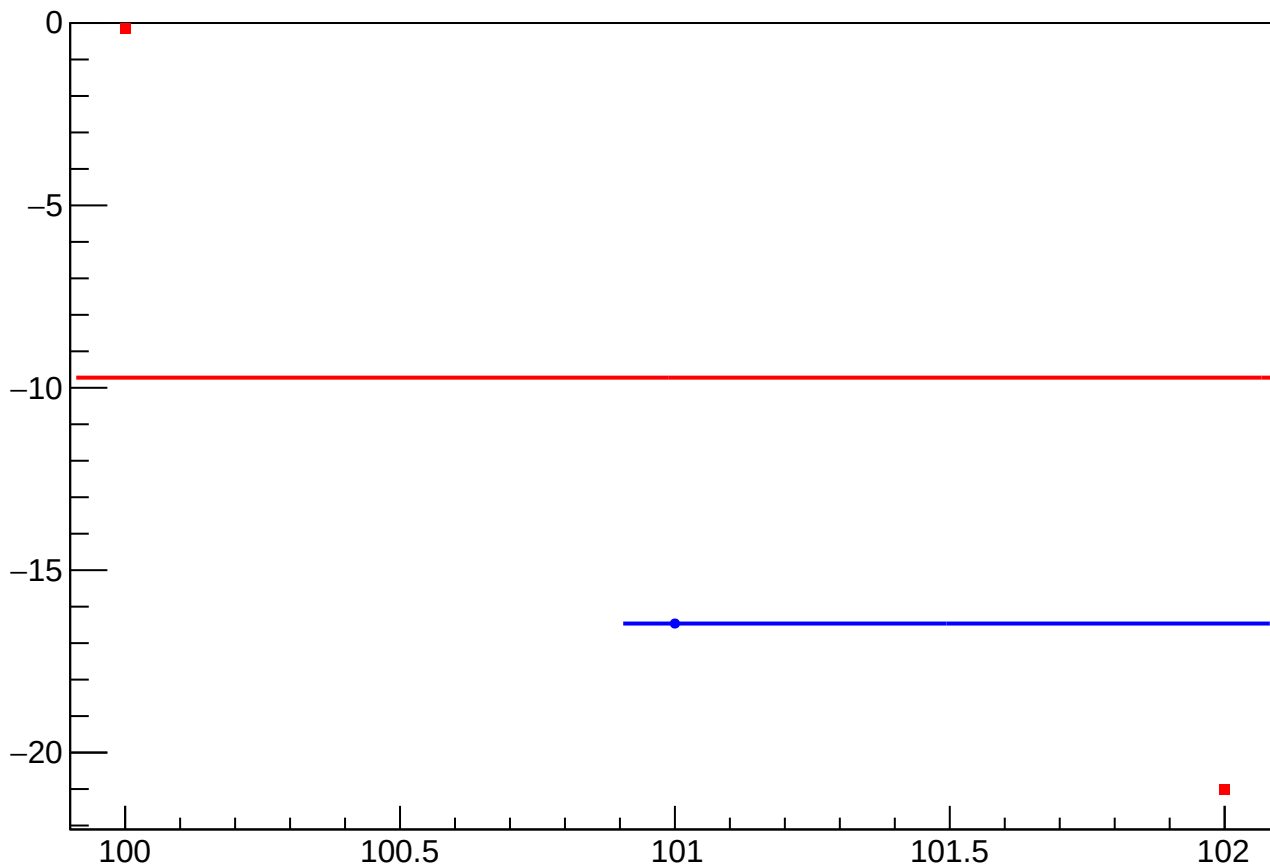
reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.435+/-1.072 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.051+/-1.077 χ^2/NDF : 2.5/1
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.746+/-0.760 χ^2/NDF : 3.3/2
 In: 1.435+/-1.072 χ^2/NDF : 0.0/0
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.746+/-0.760 χ^2/NDF : 3.3/2

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.463 $\pm$ 0.048 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -9.722 $\pm$ 0.034 χ^2 /NDF: 91790.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

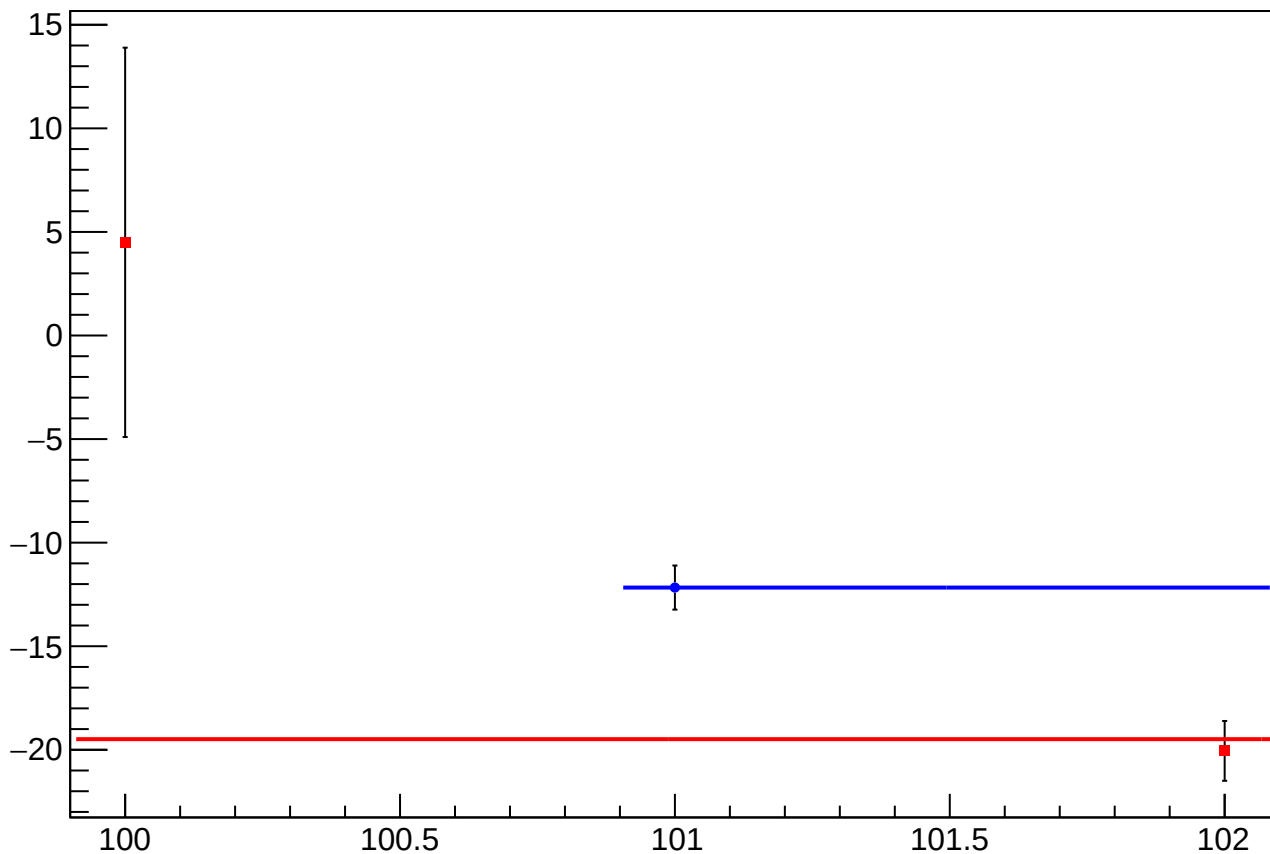
Right: -12.002 $\pm$ 0.028 χ^2 /NDF: 104865.7/2

In: -16.463 $\pm$ 0.048 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -12.002 $\pm$ 0.028 χ^2 /NDF: 104865.7/2

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -12.168 $\pm$ 1.064 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -19.486 $\pm$ 1.427 χ^2 /NDF: 6.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

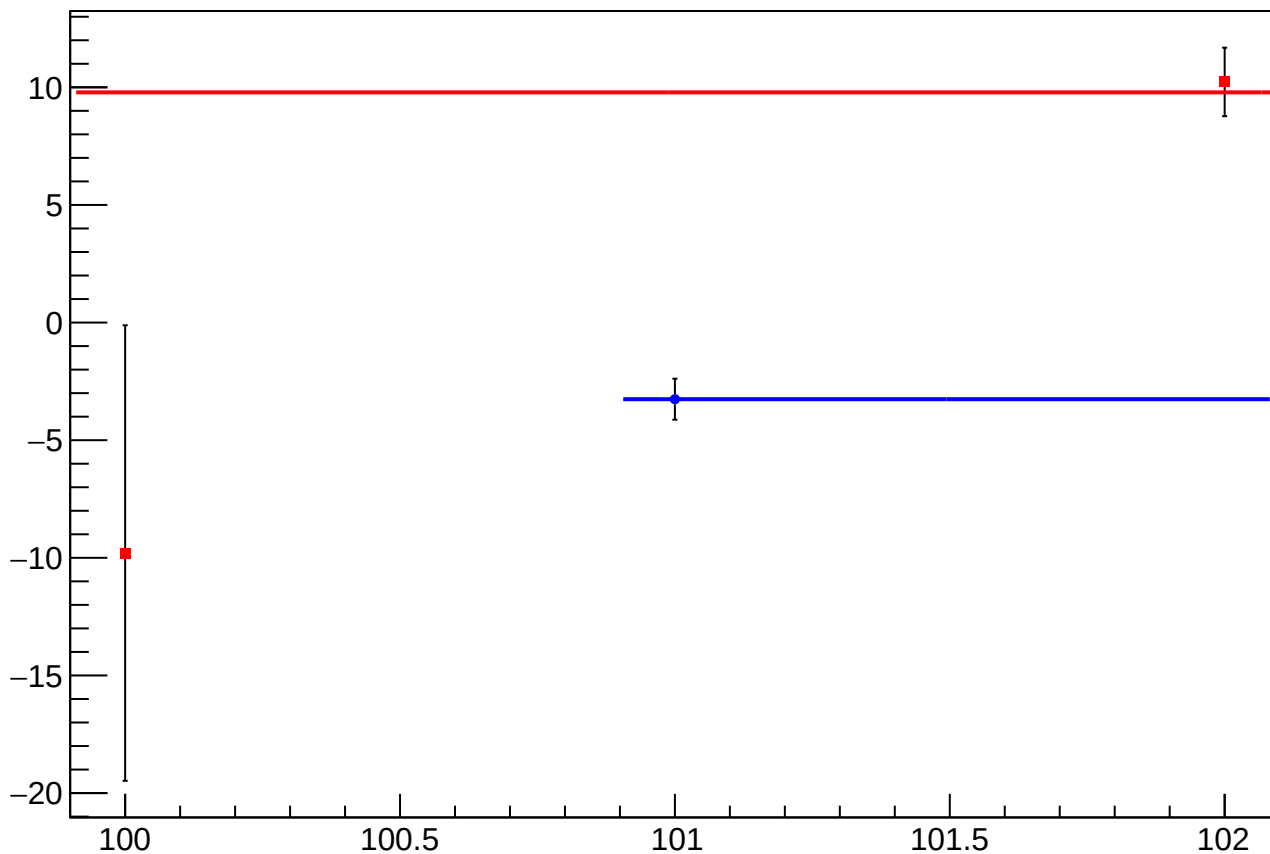
Right: -14.782 $\pm$ 0.853 χ^2 /NDF: 23.6/2

In: -12.168 $\pm$ 1.064 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.782 $\pm$ 0.853 χ^2 /NDF: 23.6/2

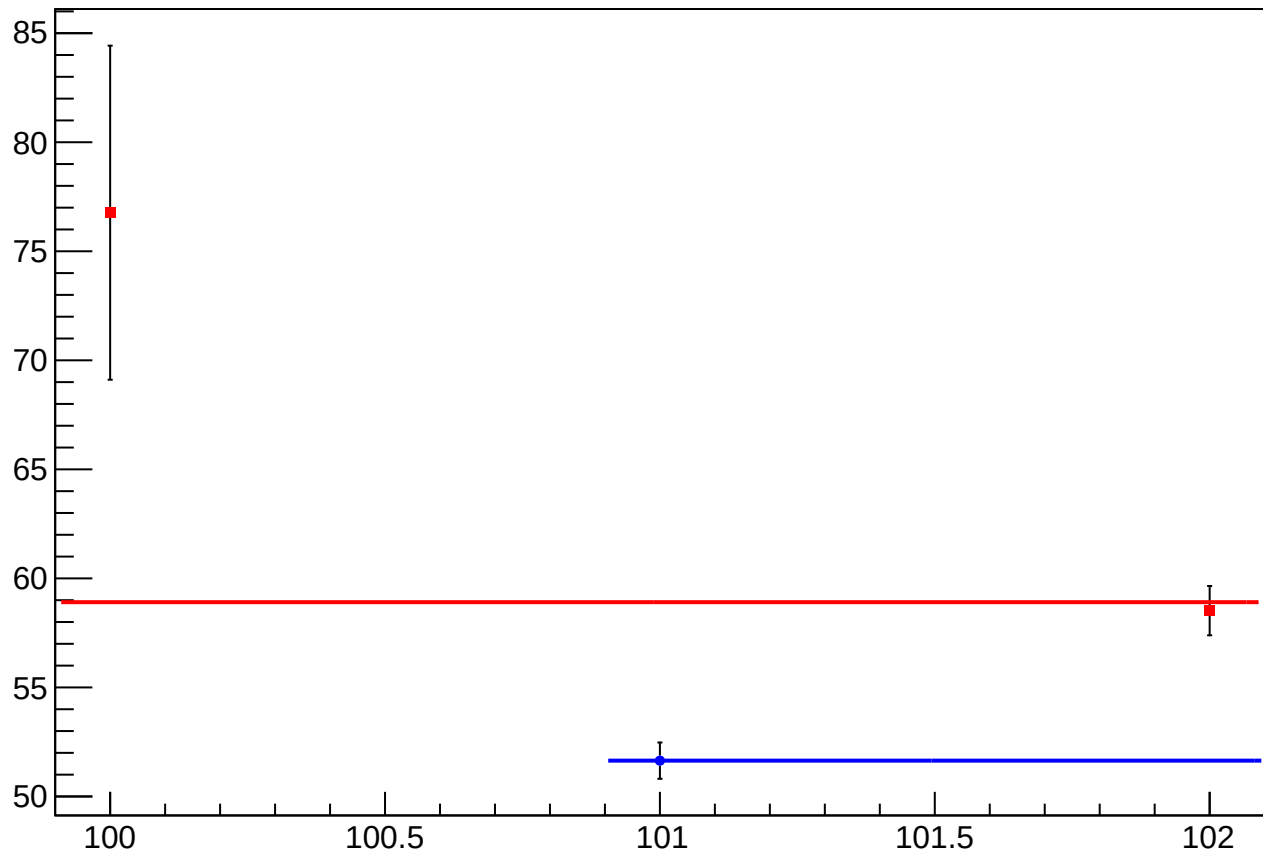
reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.257+/-0.871 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 9.785+/-1.440 χ^2/NDF : 4.2/1
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.235+/-0.745 χ^2/NDF : 64.2/2
 In: -3.257+/-0.871 χ^2/NDF : 0.0/0
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.235+/-0.745 χ^2/NDF : 64.2/2

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 51.643 $\pm$ 0.833 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 58.910 $\pm$ 1.119 χ^2/NDF : 5.6/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

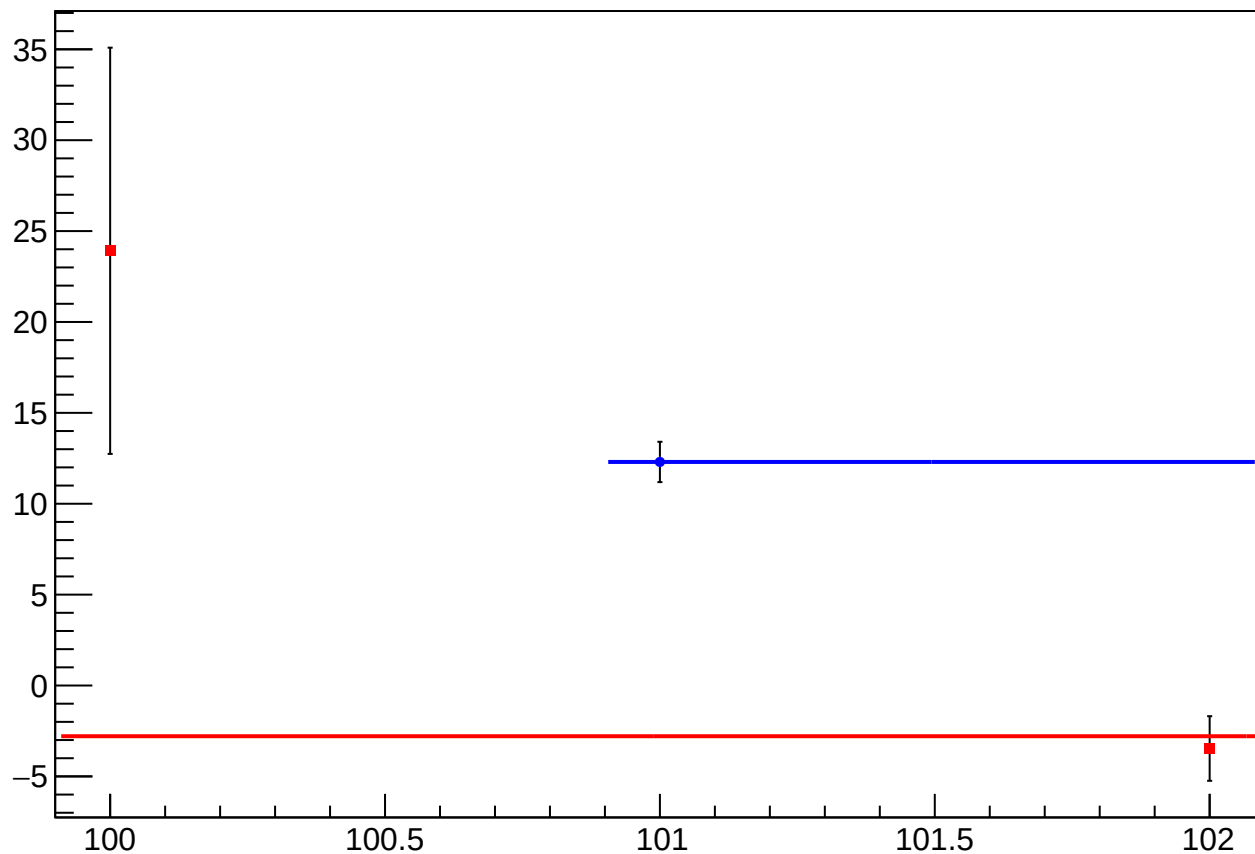
Right: 54.233 $\pm$ 0.668 χ^2/NDF : 32.7/2

In: 51.643 $\pm$ 0.833 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 54.233 $\pm$ 0.668 χ^2/NDF : 32.7/2

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 12.299 $\pm$ 1.109 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.790 $\pm$ 1.755 χ^2 /NDF: 5.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

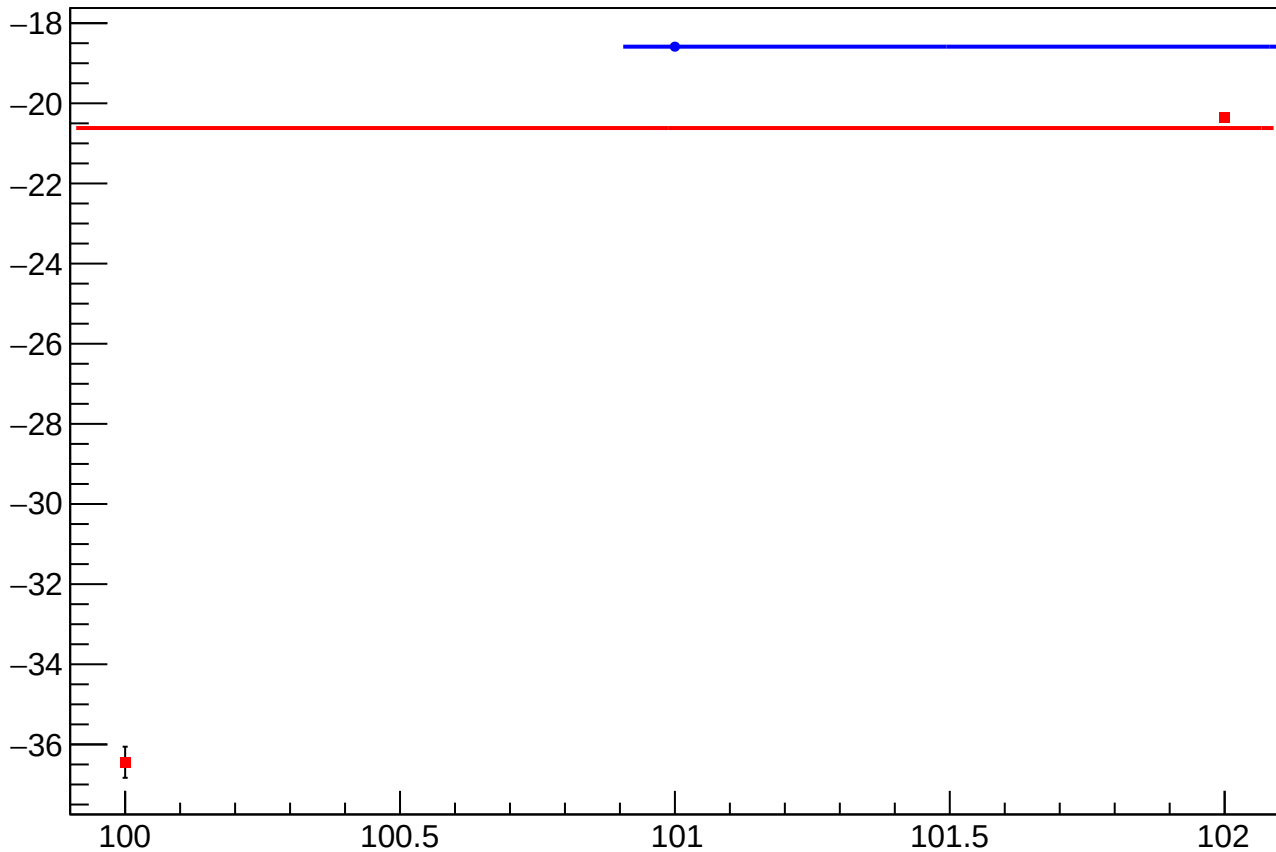
Right: 7.992 $\pm$ 0.938 χ^2 /NDF: 58.7/2

In: 12.299 $\pm$ 1.109 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.992 $\pm$ 0.938 χ^2 /NDF: 58.7/2

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -18.586 $\pm$ 0.050 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -20.617 $\pm$ 0.049 χ^2 /NDF: 1690.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

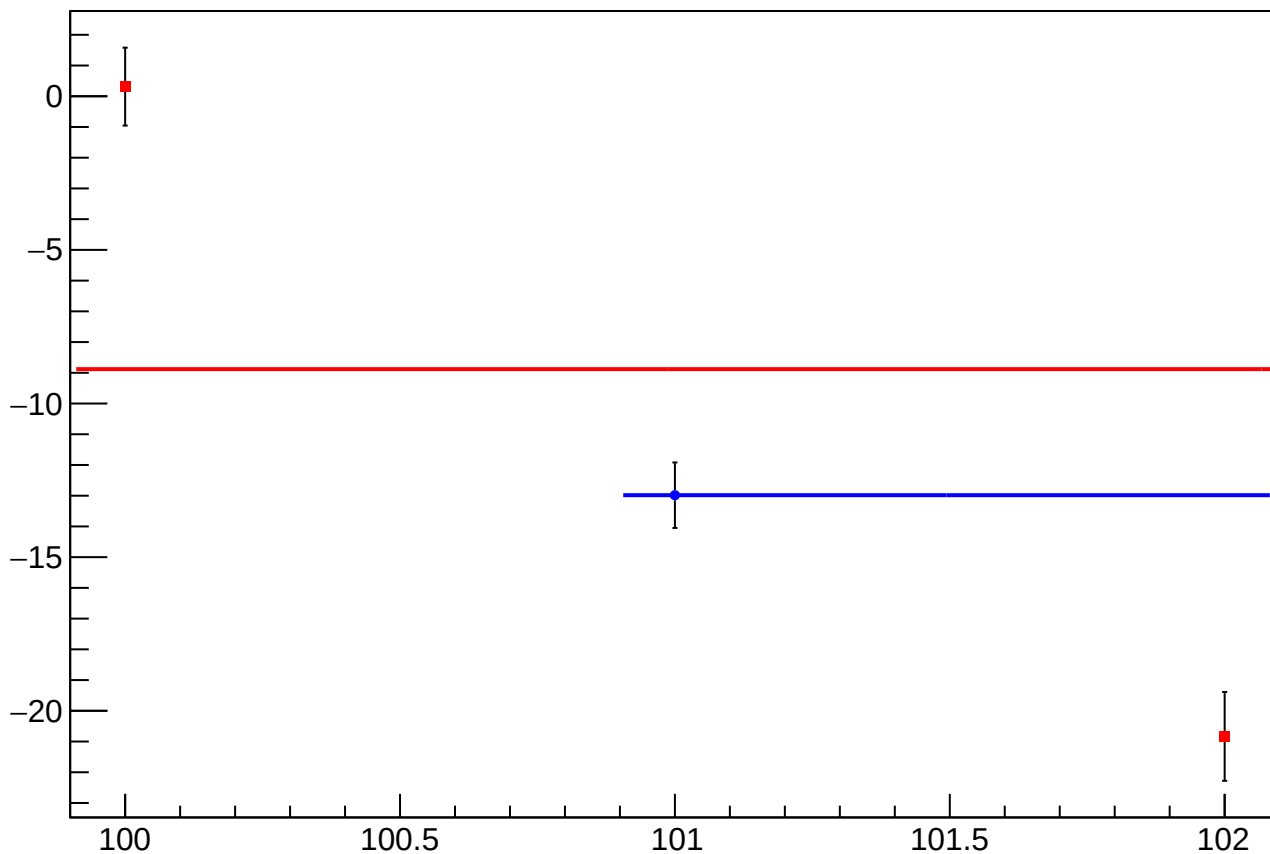
Right: -19.606 $\pm$ 0.035 χ^2 /NDF: 2530.8/2

In: -18.586 $\pm$ 0.050 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -19.606 $\pm$ 0.035 χ^2 /NDF: 2530.8/2

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -12.983 $\pm$ 1.066 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -8.881 $\pm$ 0.953 χ^2/NDF : 121.0/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

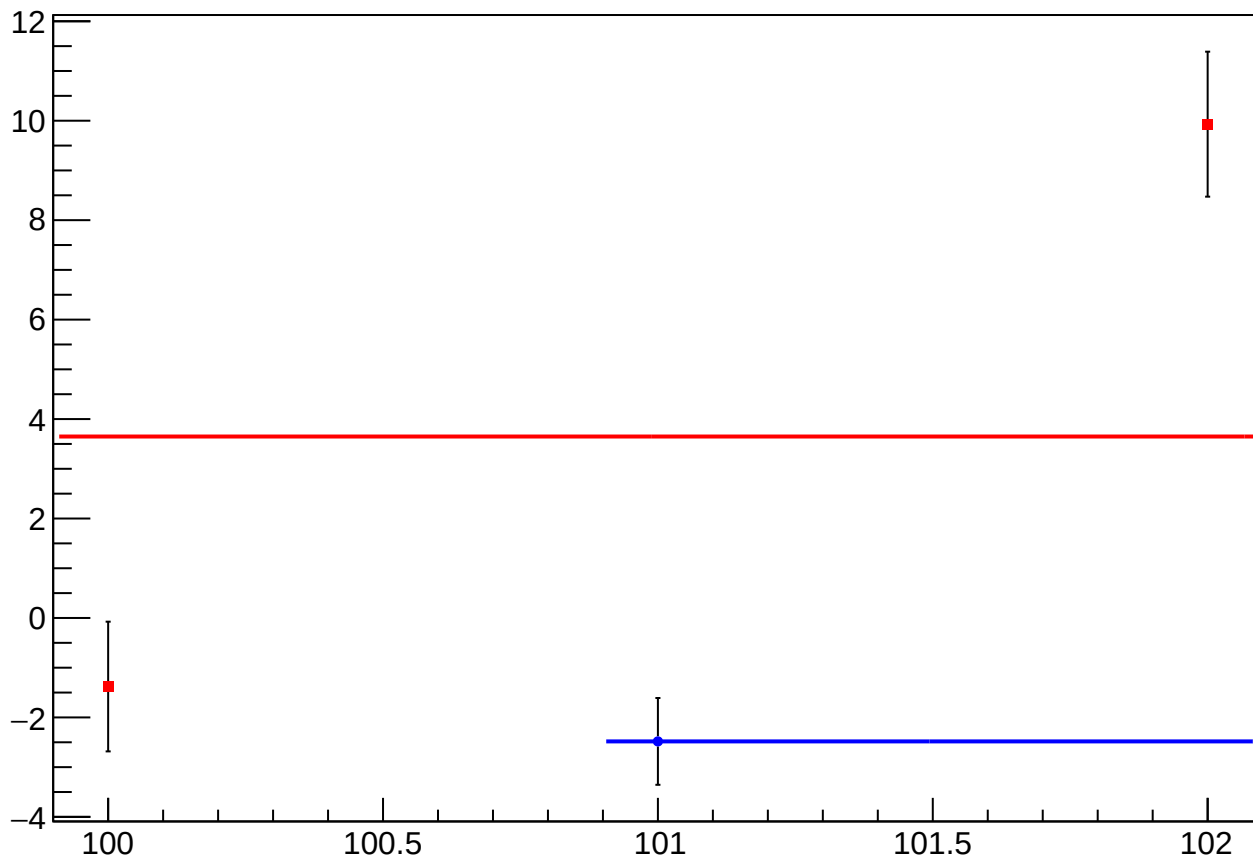
Right: -10.704 $\pm$ 0.710 χ^2/NDF : 129.2/2

In: -12.983 $\pm$ 1.066 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -10.704 $\pm$ 0.710 χ^2/NDF : 129.2/2

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.482 $\pm$ 0.873 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.649 $\pm$ 0.972 χ^2 /NDF: 33.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

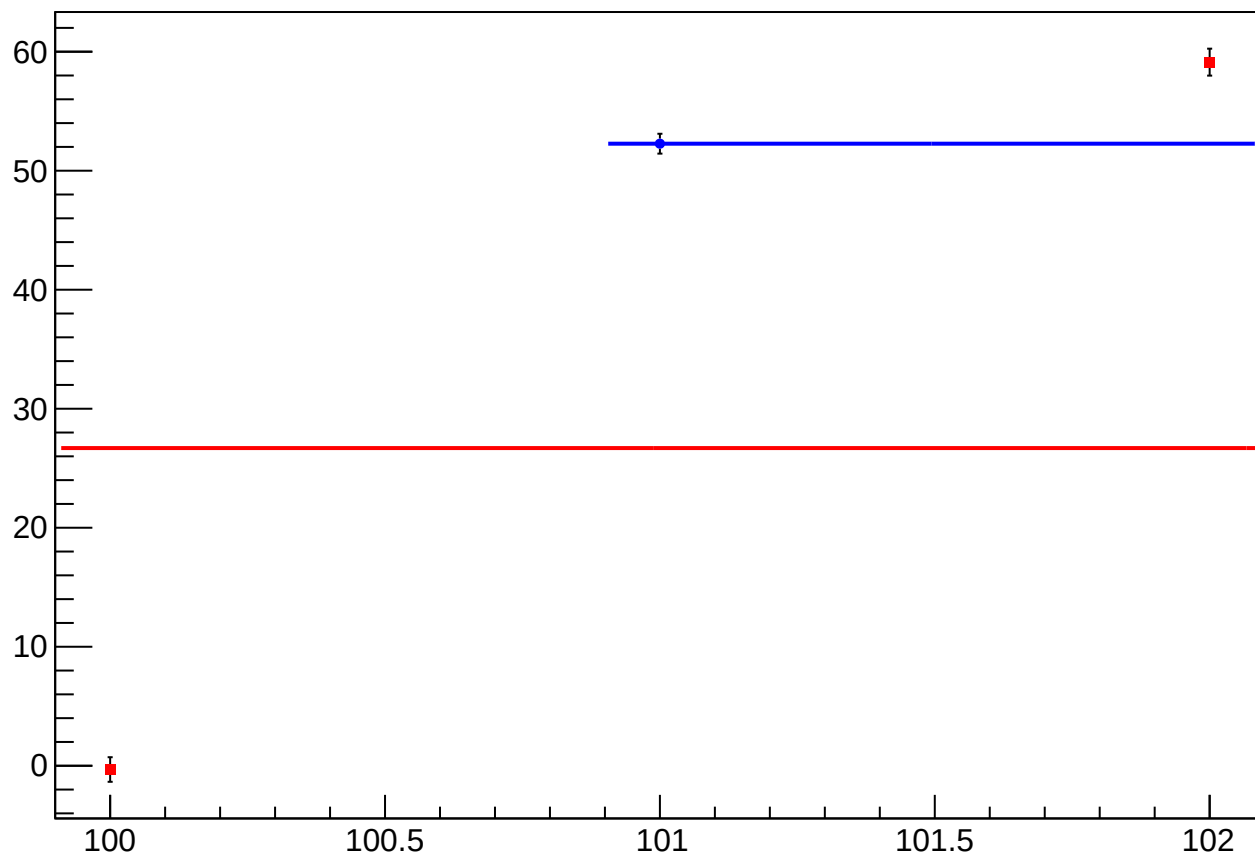
Right: 0.254 $\pm$ 0.649 χ^2 /NDF: 55.4/2

In: -2.482 $\pm$ 0.873 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.254 $\pm$ 0.649 χ^2 /NDF: 55.4/2

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 52.270 $\pm$ 0.834 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 26.694 $\pm$ 0.763 χ^2 /NDF: 1503.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

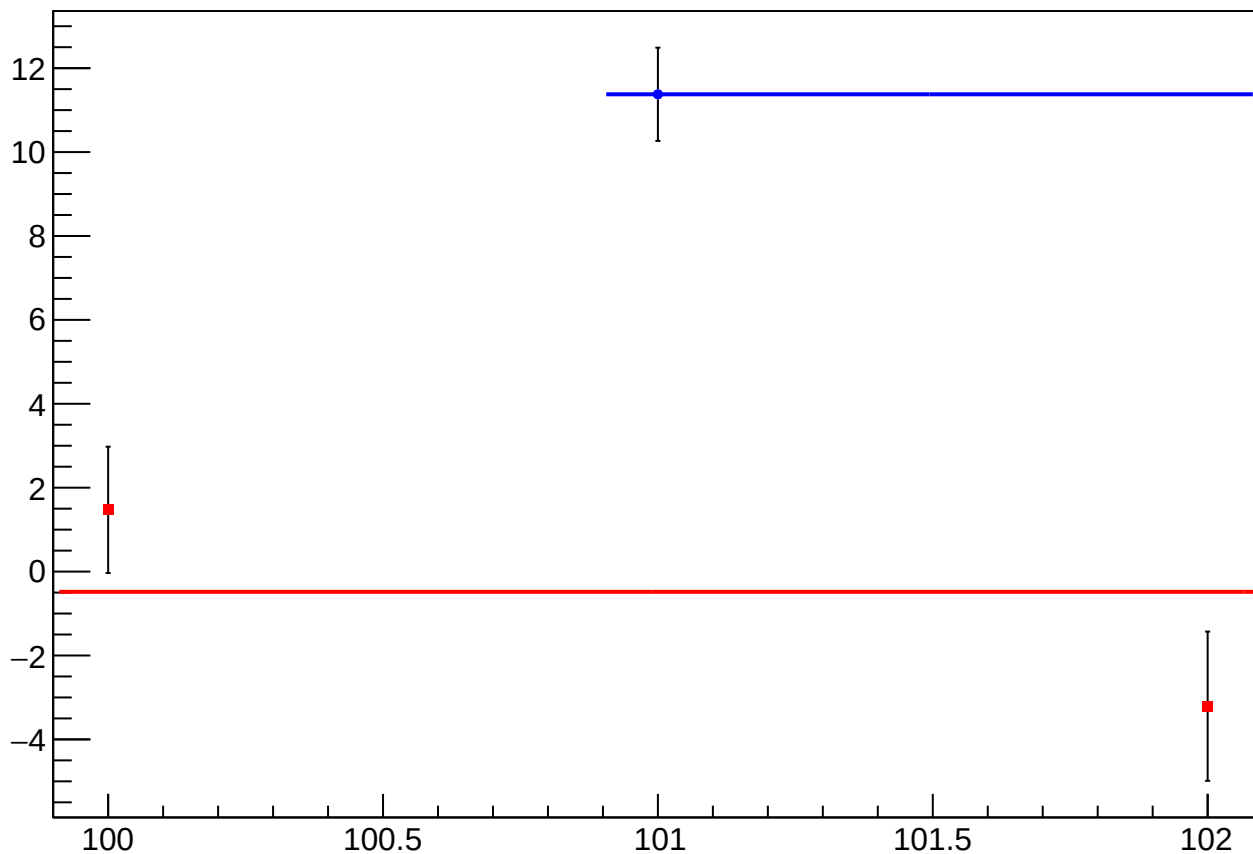
Right: 38.346 $\pm$ 0.563 χ^2 /NDF: 2015.6/2

In: 52.270 $\pm$ 0.834 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 38.346 $\pm$ 0.563 χ^2 /NDF: 2015.6/2

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.377 $\pm$ 1.111 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.482 $\pm$ 1.149 χ^2 /NDF: 4.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

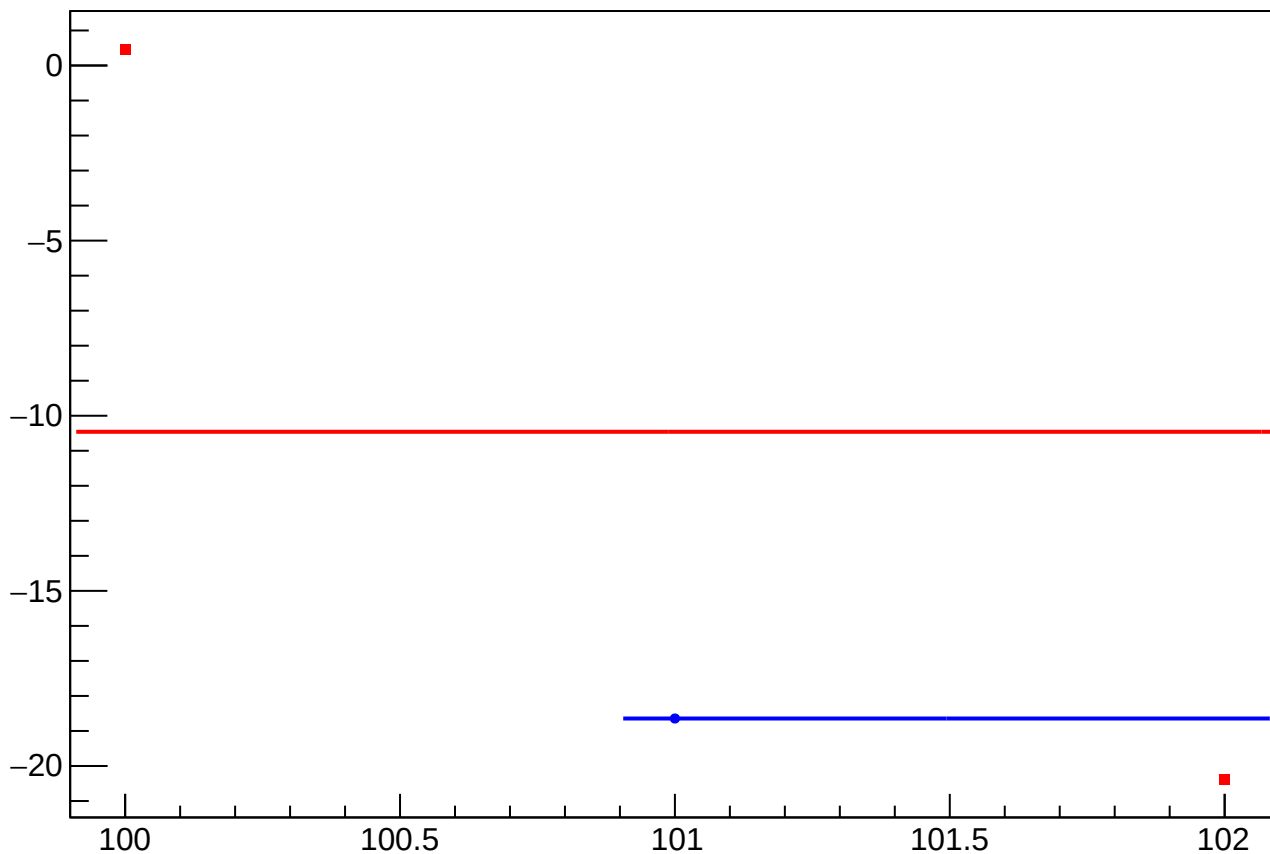
Right: 5.646 $\pm$ 0.799 χ^2 /NDF: 59.1/2

In: 11.377 $\pm$ 1.111 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.646 $\pm$ 0.799 χ^2 /NDF: 59.1/2

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -18.644 $\pm$ 0.050 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -10.458 $\pm$ 0.036 χ^2 /NDF: 83036.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

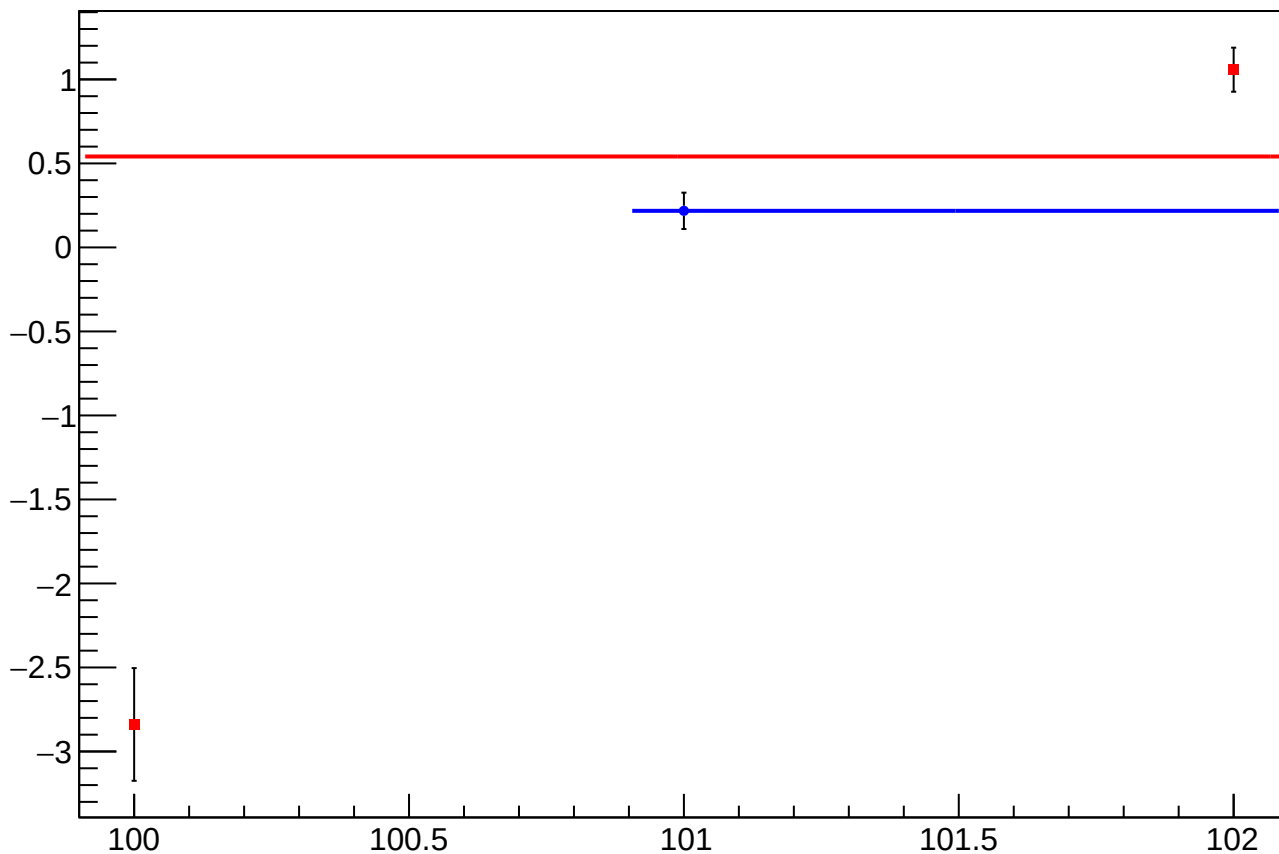
Right: -13.281 $\pm$ 0.029 χ^2 /NDF: 100772.9/2

In: -18.644 $\pm$ 0.050 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -13.281 $\pm$ 0.029 χ^2 /NDF: 100772.9/2

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.218 $\pm$ 0.108 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.541 $\pm$ 0.122 χ^2 /NDF: 117.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

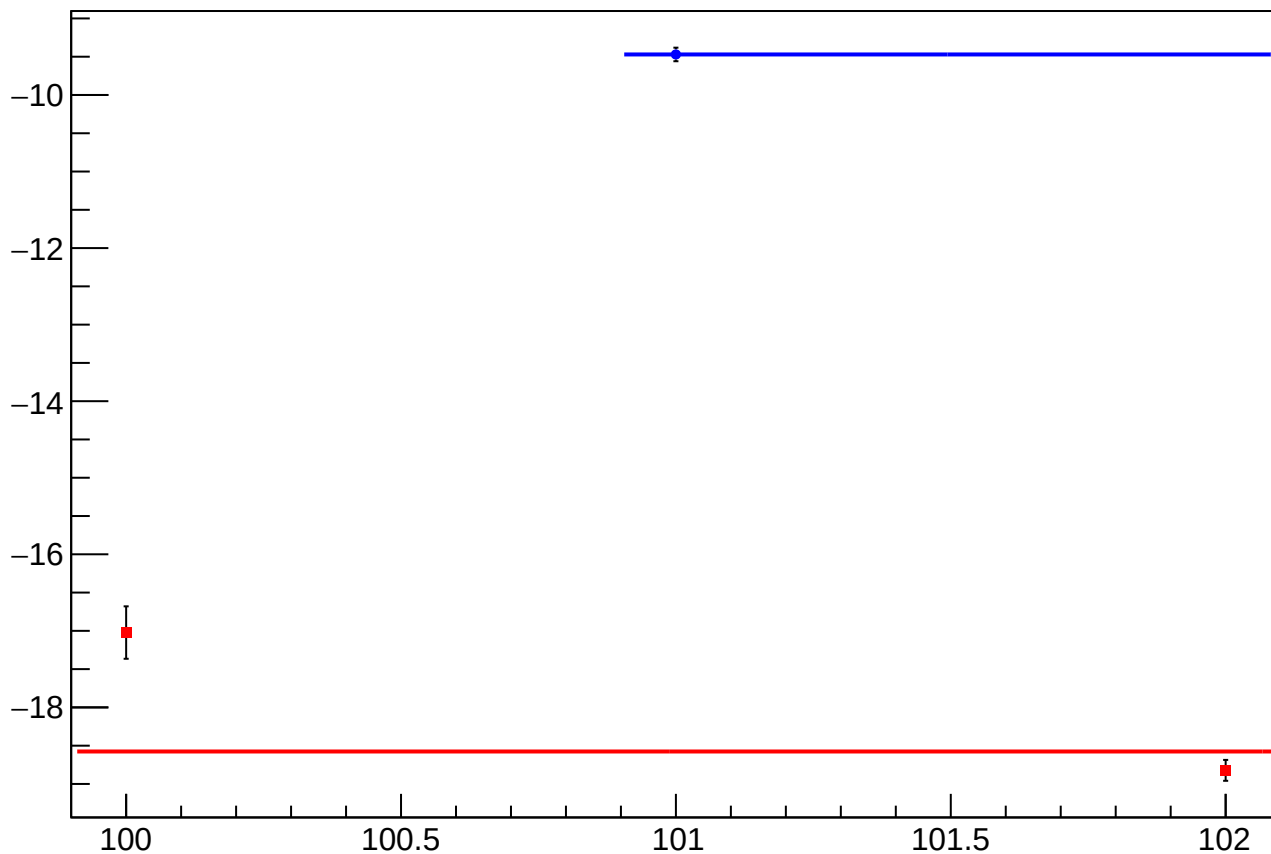
Right: 0.360 $\pm$ 0.081 χ^2 /NDF: 121.1/2

In: 0.218 $\pm$ 0.108 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.360 $\pm$ 0.081 χ^2 /NDF: 121.1/2

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -9.471 ± 0.089 χ^2/NDF : 0.0/0

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -18.576 ± 0.127 χ^2/NDF : 23.8/1

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

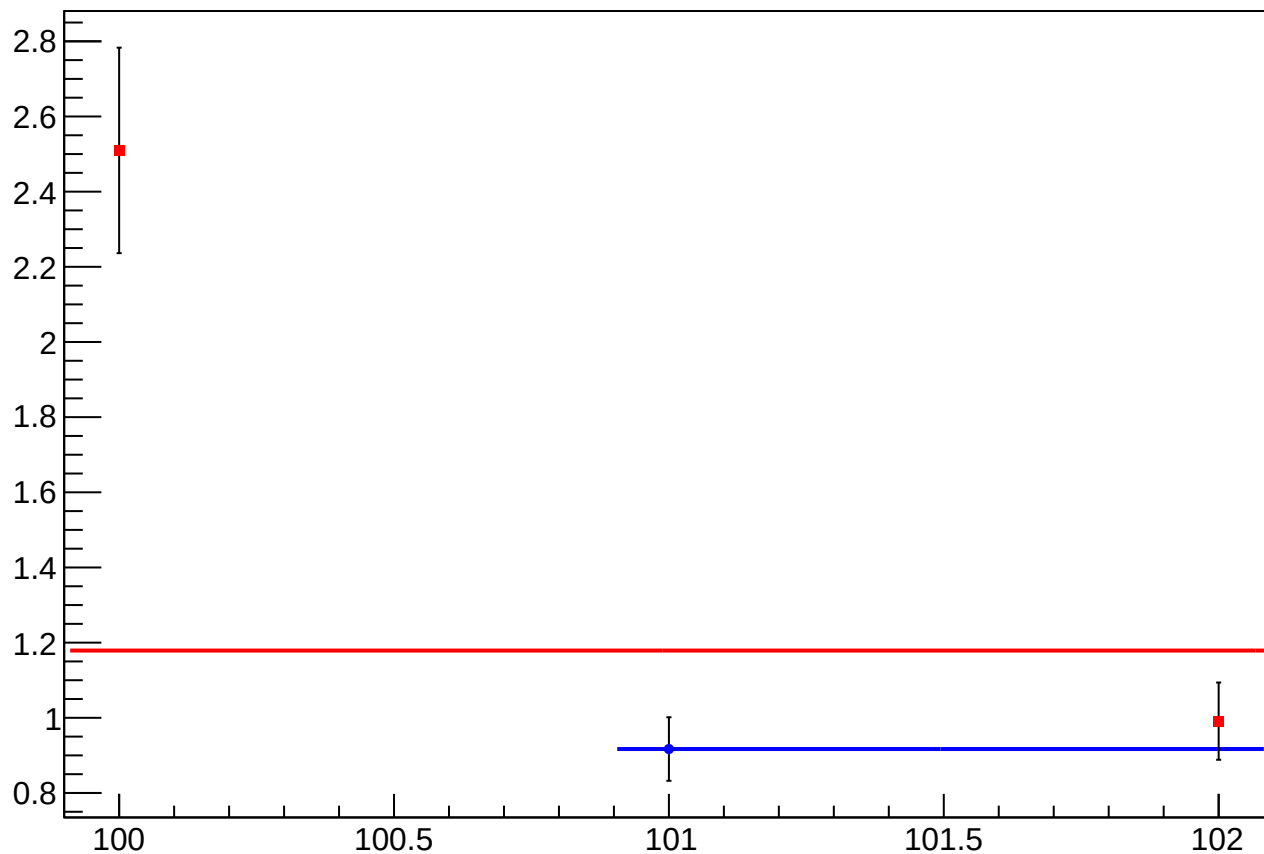
Right: -12.460 ± 0.073 χ^2/NDF : 3490.7/2

In: -9.471 ± 0.089 χ^2/NDF : 0.0/0

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.460 ± 0.073 χ^2/NDF : 3490.7/2

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.917 ± 0.085 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1.179 ± 0.096 $\chi^2/\text{NDF}: 27.0/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

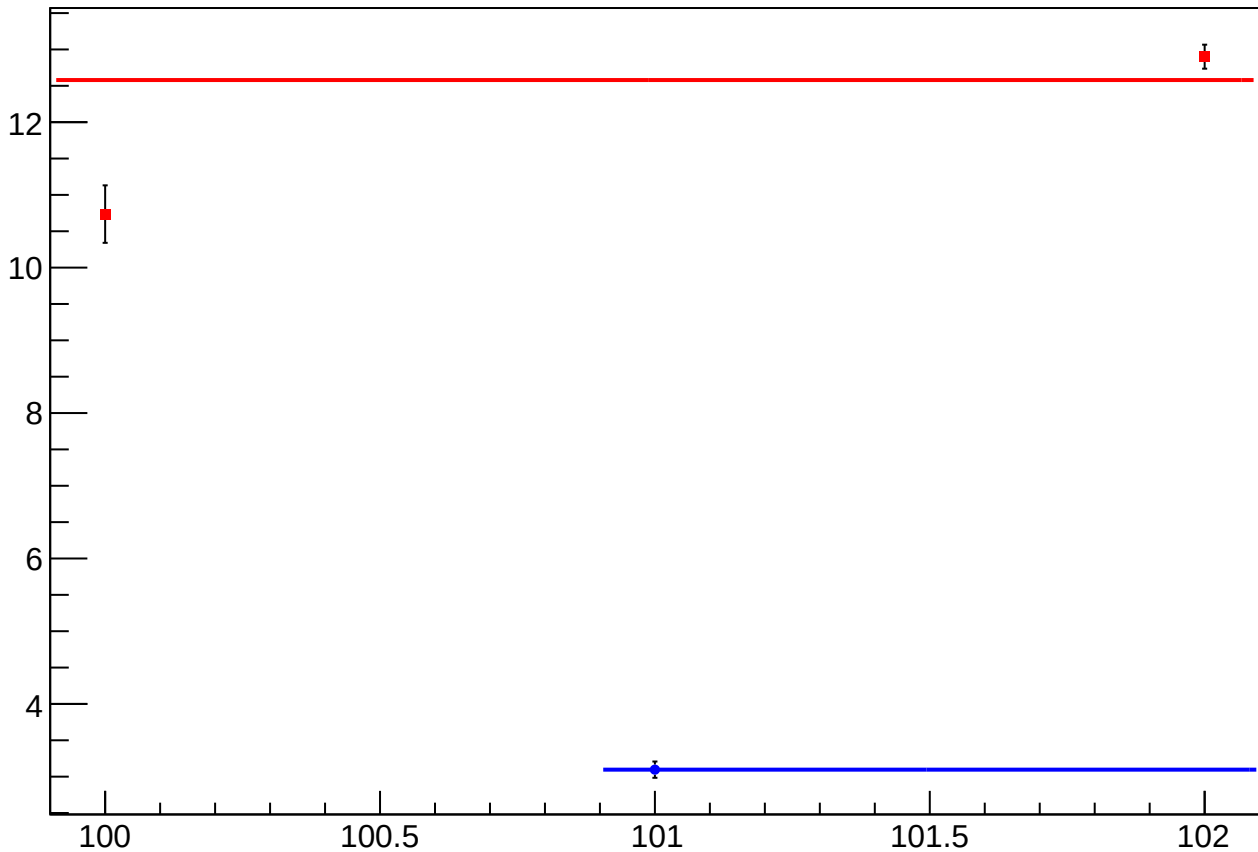
Right: 1.031 ± 0.063 $\chi^2/\text{NDF}: 31.2/2$

In: 0.917 ± 0.085 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 1.031 ± 0.063 $\chi^2/\text{NDF}: 31.2/2$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.096+/-0.112 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.579+/-0.152 χ^2/NDF : 25.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

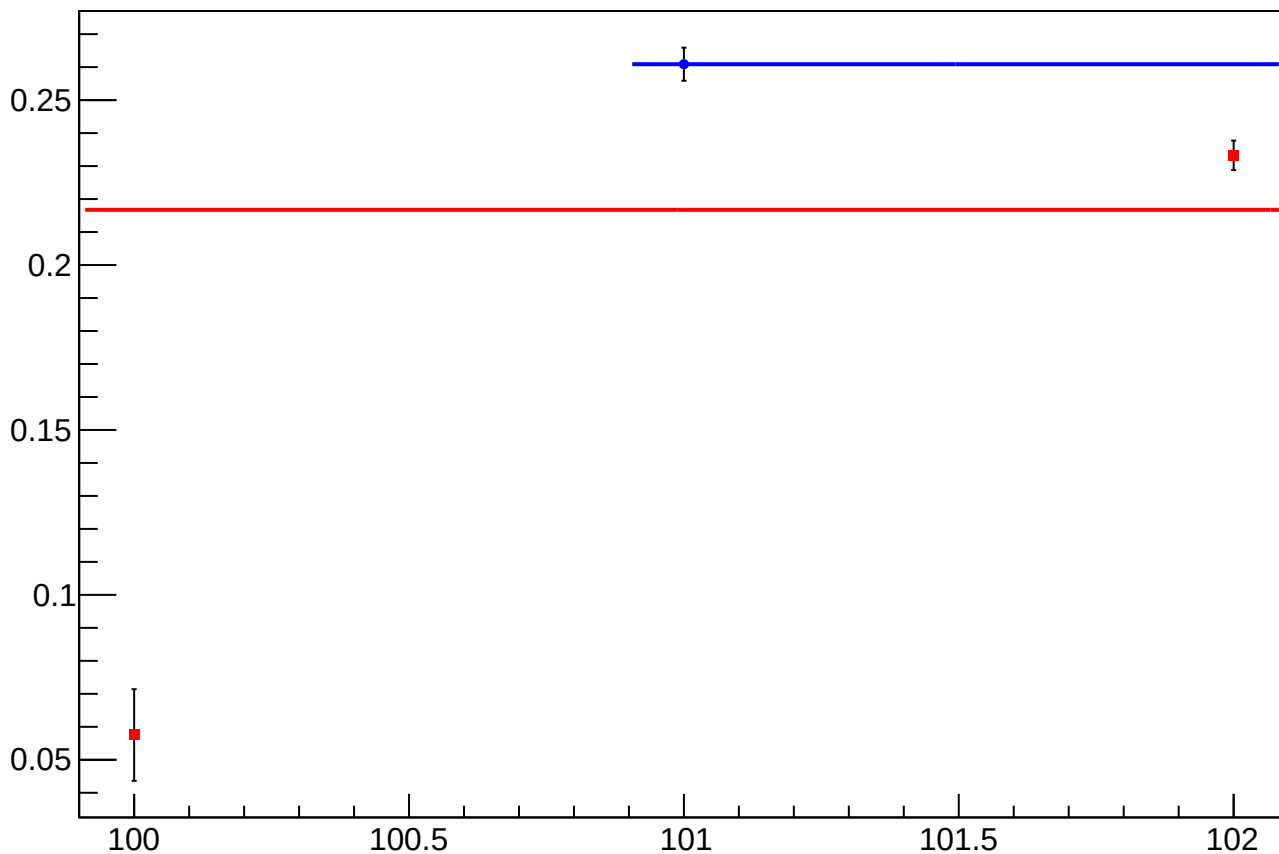
Right: 6.424+/-0.090 χ^2/NDF : 2541.8/2

In: 3.096+/-0.112 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.424+/-0.090 χ^2/NDF : 2541.8/2

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.261+/-0.005 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.217+/-0.004 χ^2/NDF : 145.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

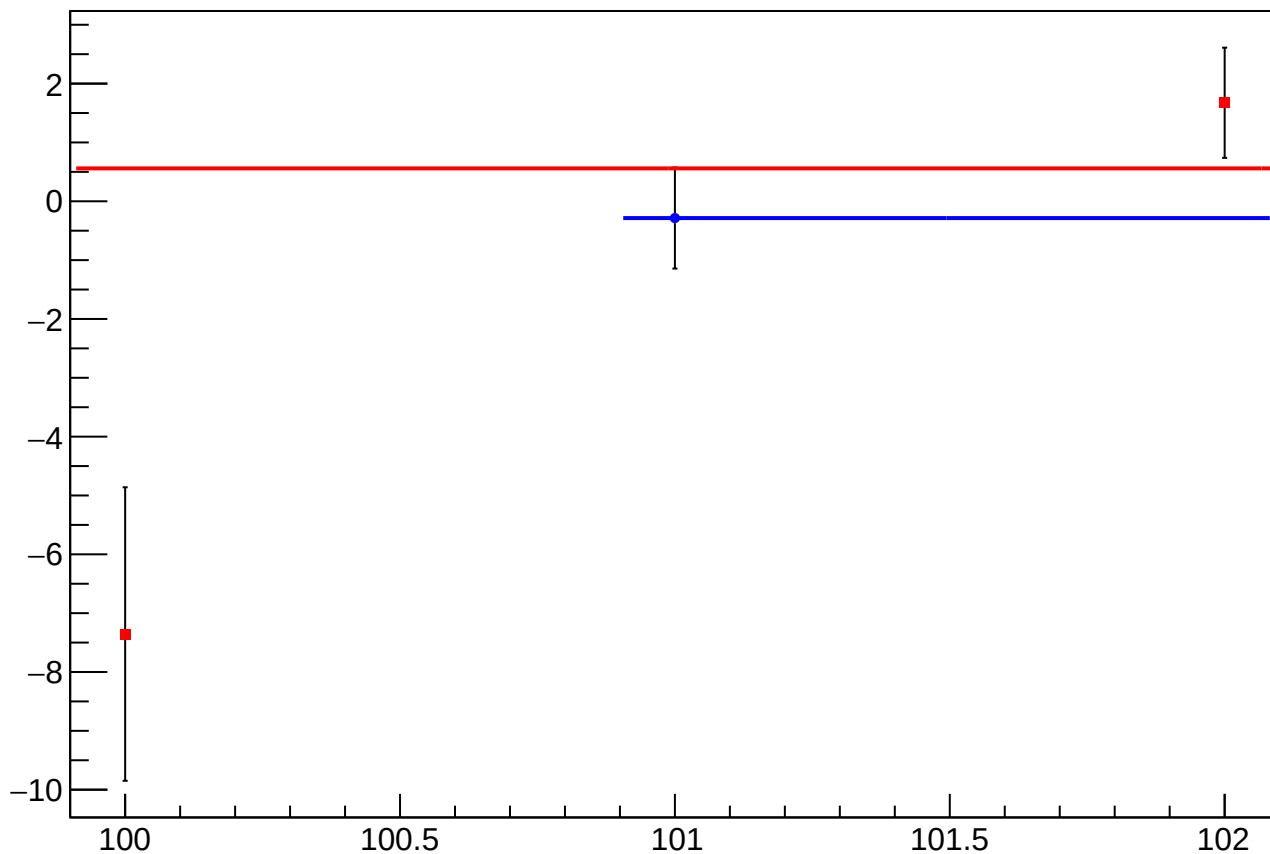
Right: 0.235+/-0.003 χ^2/NDF : 190.2/2

In: 0.261+/-0.005 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.235+/-0.003 χ^2/NDF : 190.2/2

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.285 $\pm$ 0.858 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.559 $\pm$ 0.877 χ^2 /NDF: 11.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

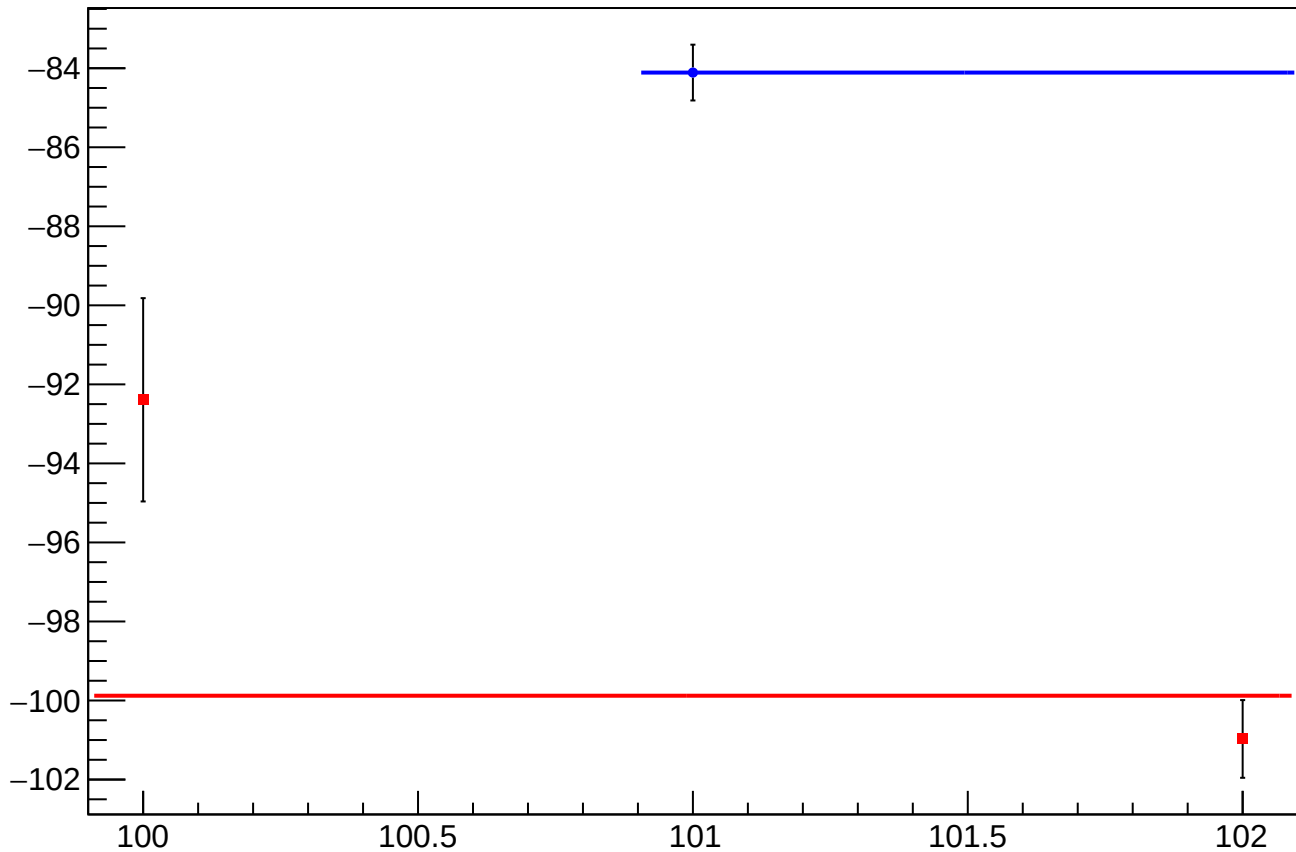
Right: 0.128 $\pm$ 0.613 χ^2 /NDF: 12.0/2

In: -0.285 $\pm$ 0.858 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.128 $\pm$ 0.613 χ^2 /NDF: 12.0/2

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -84.110 $\pm$ 0.706 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -99.879 $\pm$ 0.918 χ^2/NDF : 9.7/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

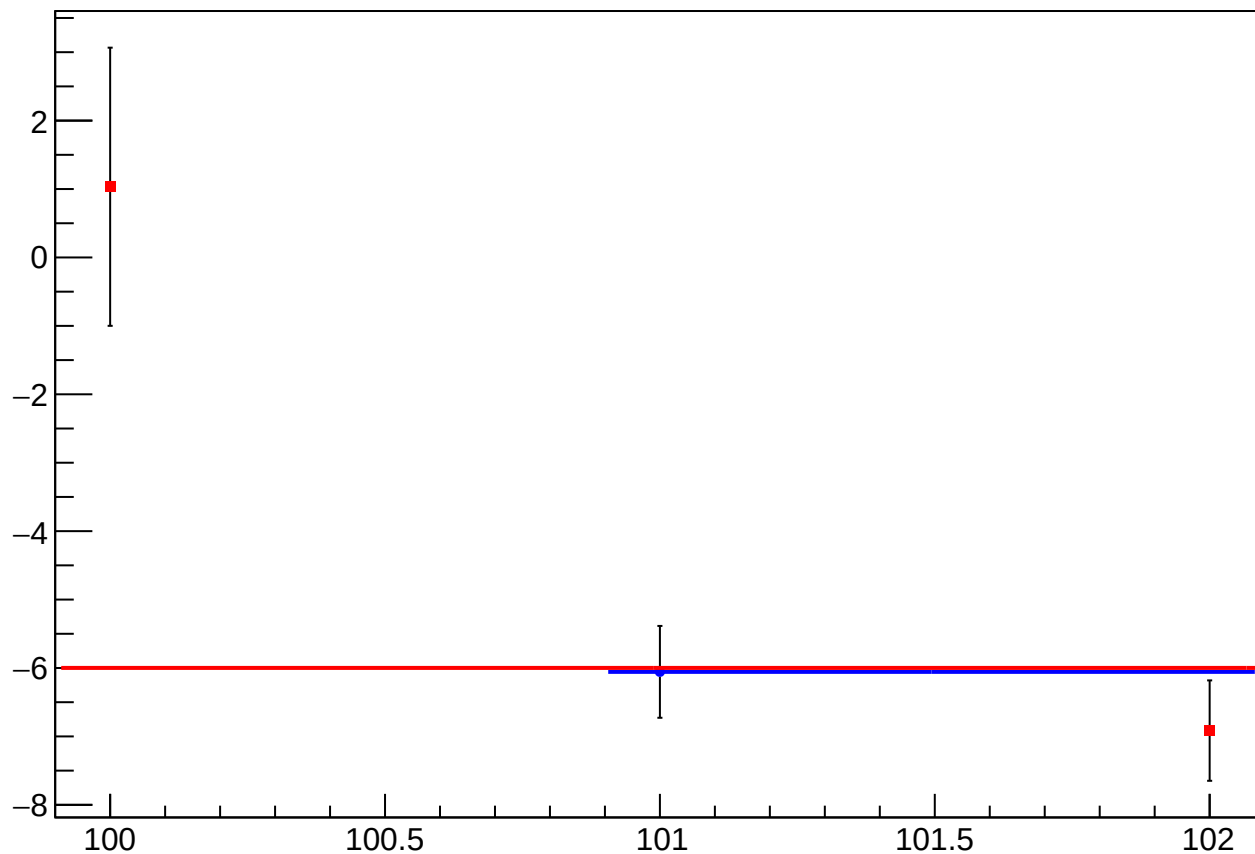
Right: -89.968 $\pm$ 0.560 χ^2/NDF : 195.0/2

In: -84.110 $\pm$ 0.706 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -89.968 $\pm$ 0.560 χ^2/NDF : 195.0/2

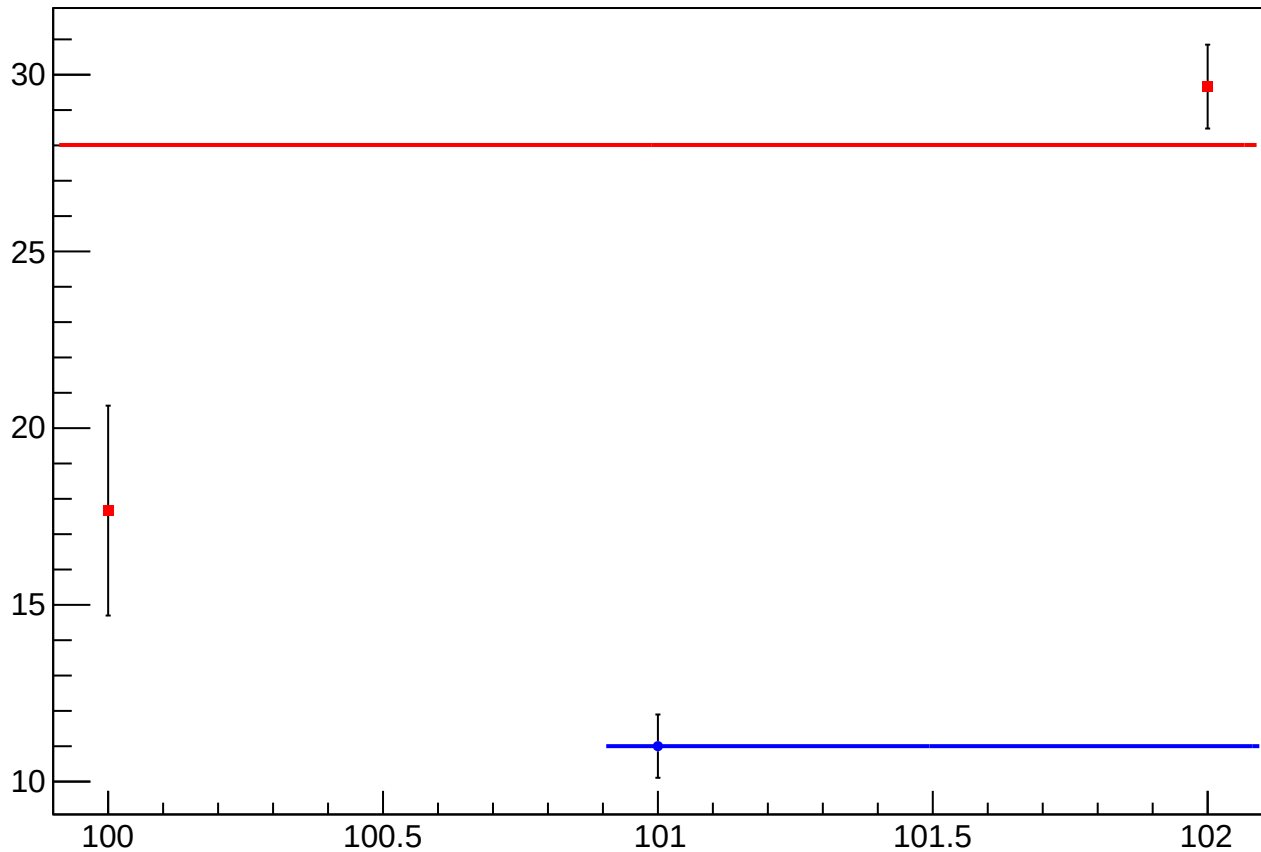
reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -6.056+/-0.671 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -5.999+/-0.690 χ^2/NDF : 13.5/1
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -6.028+/-0.481 χ^2/NDF : 13.5/2
 In: -6.056+/-0.671 χ^2/NDF : 0.0/0
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -6.028+/-0.481 χ^2/NDF : 13.5/2

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.002 $\pm$ 0.895 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 28.012 $\pm$ 1.102 χ^2 /NDF: 14.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

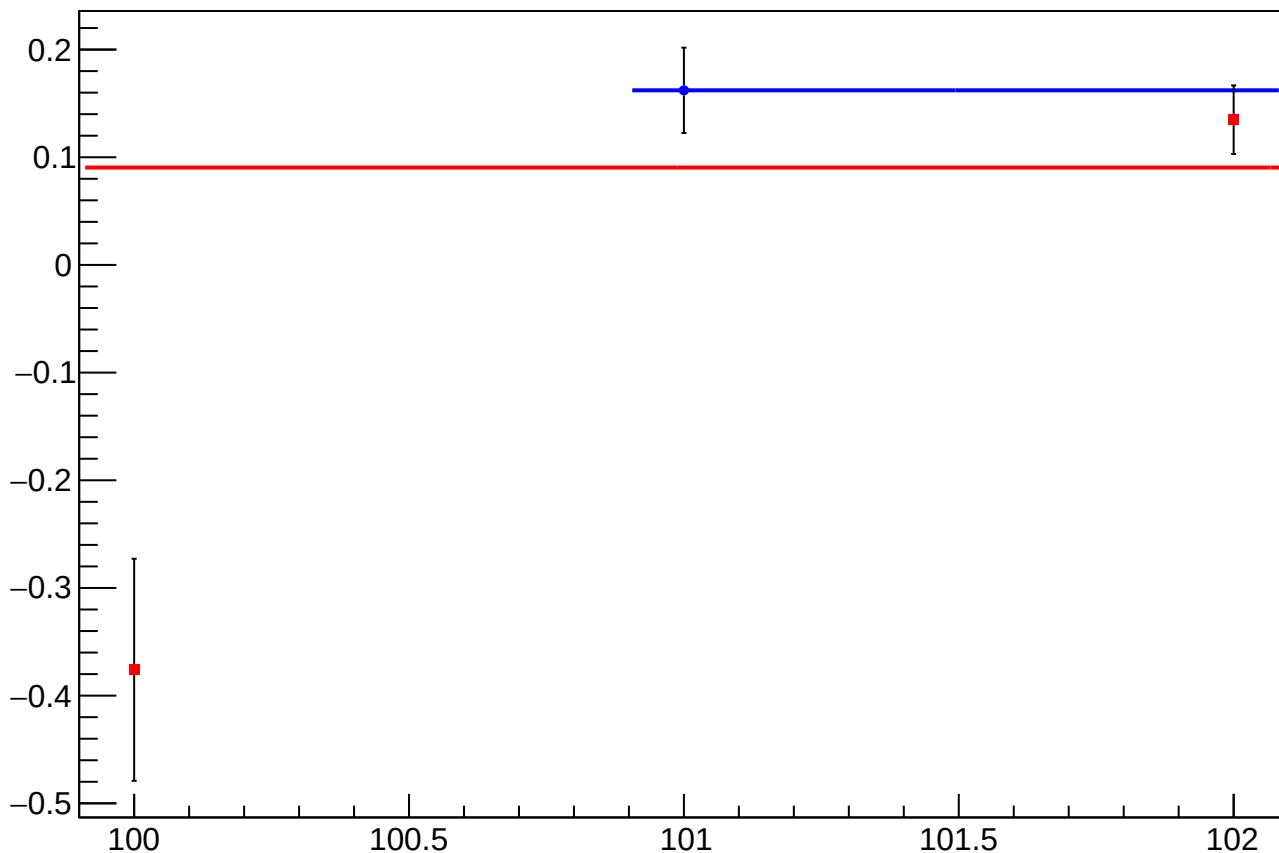
Right: 17.769 $\pm$ 0.695 χ^2 /NDF: 157.6/2

In: 11.002 $\pm$ 0.895 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.769 $\pm$ 0.695 χ^2 /NDF: 157.6/2

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.162 $\pm$ 0.040 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.090 $\pm$ 0.030 χ^2 /NDF: 22.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

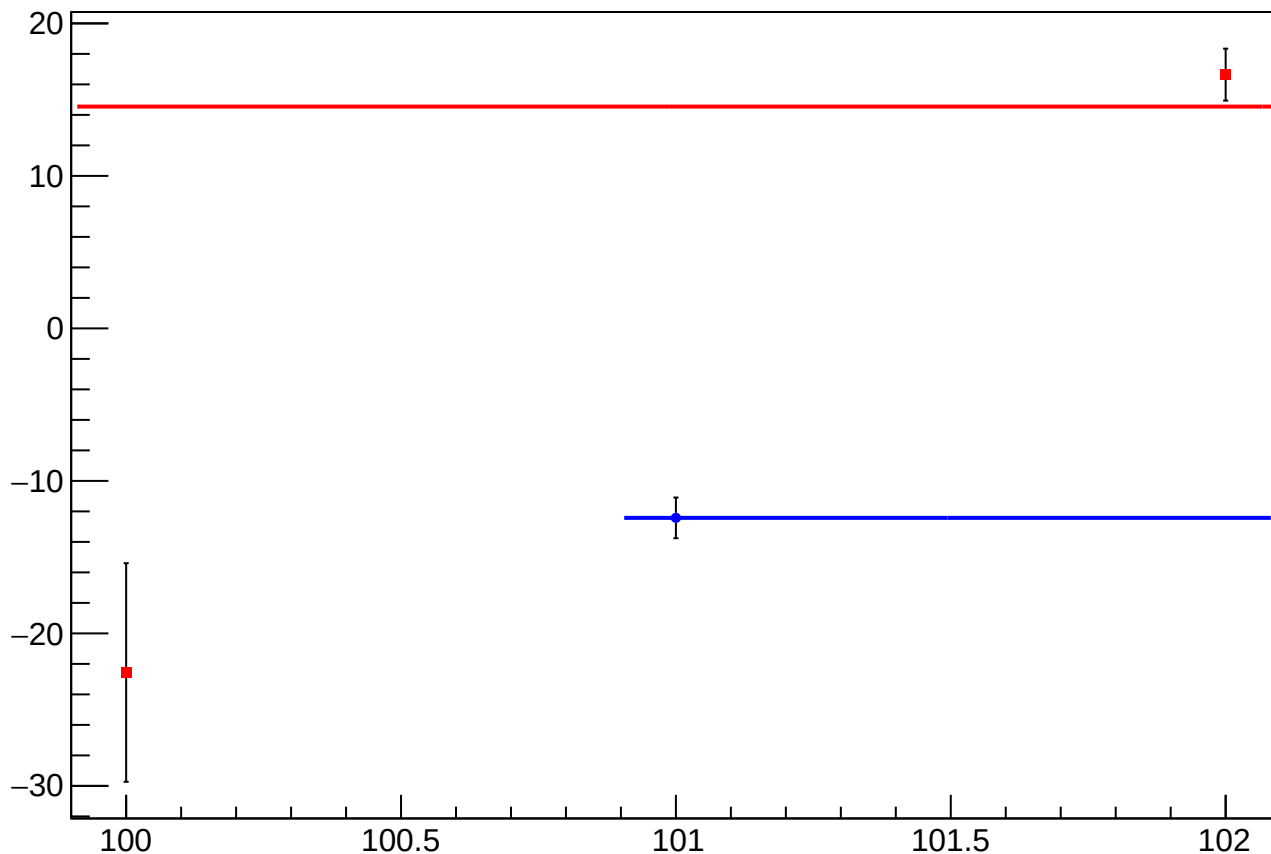
Right: 0.117 $\pm$ 0.024 χ^2 /NDF: 24.5/2

In: 0.162 $\pm$ 0.040 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.117 $\pm$ 0.024 χ^2 /NDF: 24.5/2

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -12.424+/-1.334 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.545+/-1.657 χ^2/NDF : 28.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

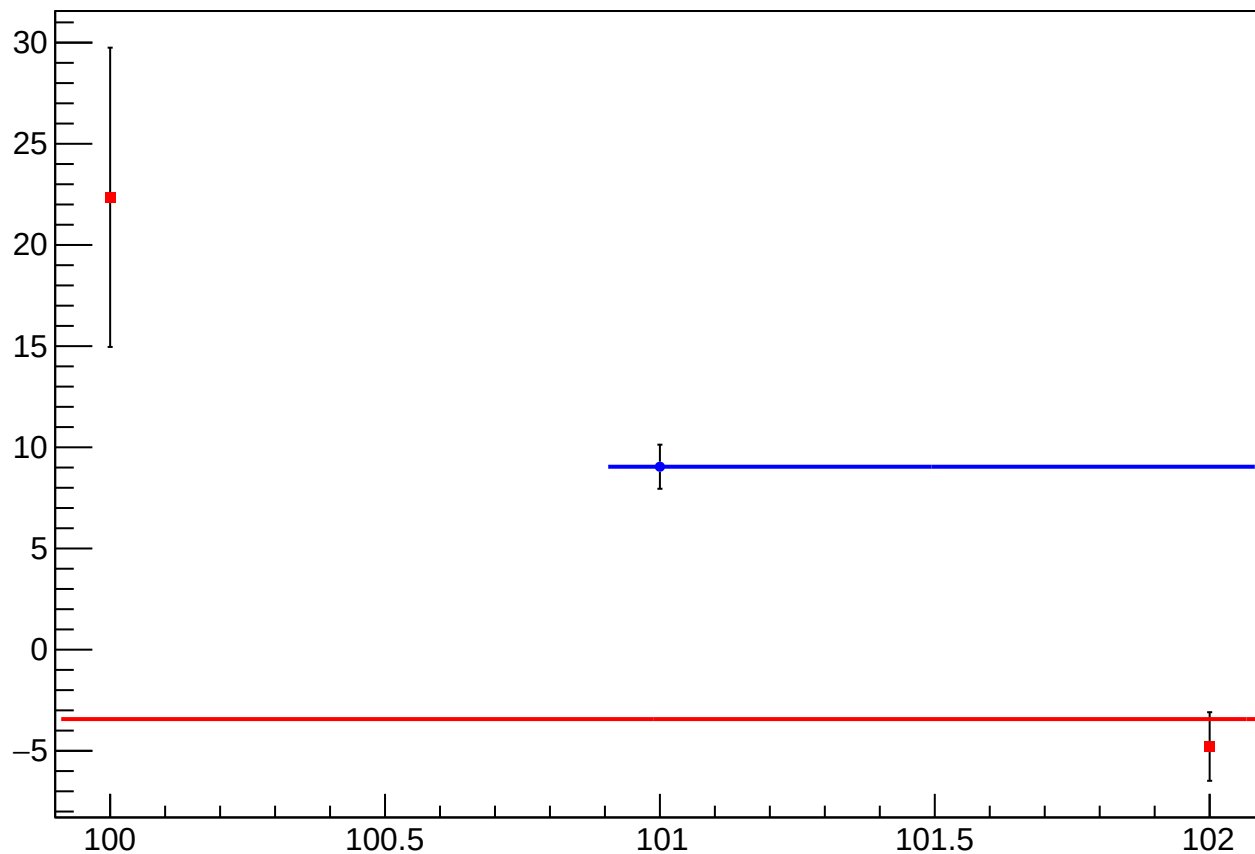
Right: -1.819+/-1.039 χ^2/NDF : 189.1/2

In: -12.424+/-1.334 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.819+/-1.039 χ^2/NDF : 189.1/2

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.041+/-1.090 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.432+/-1.652 χ^2/NDF : 12.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

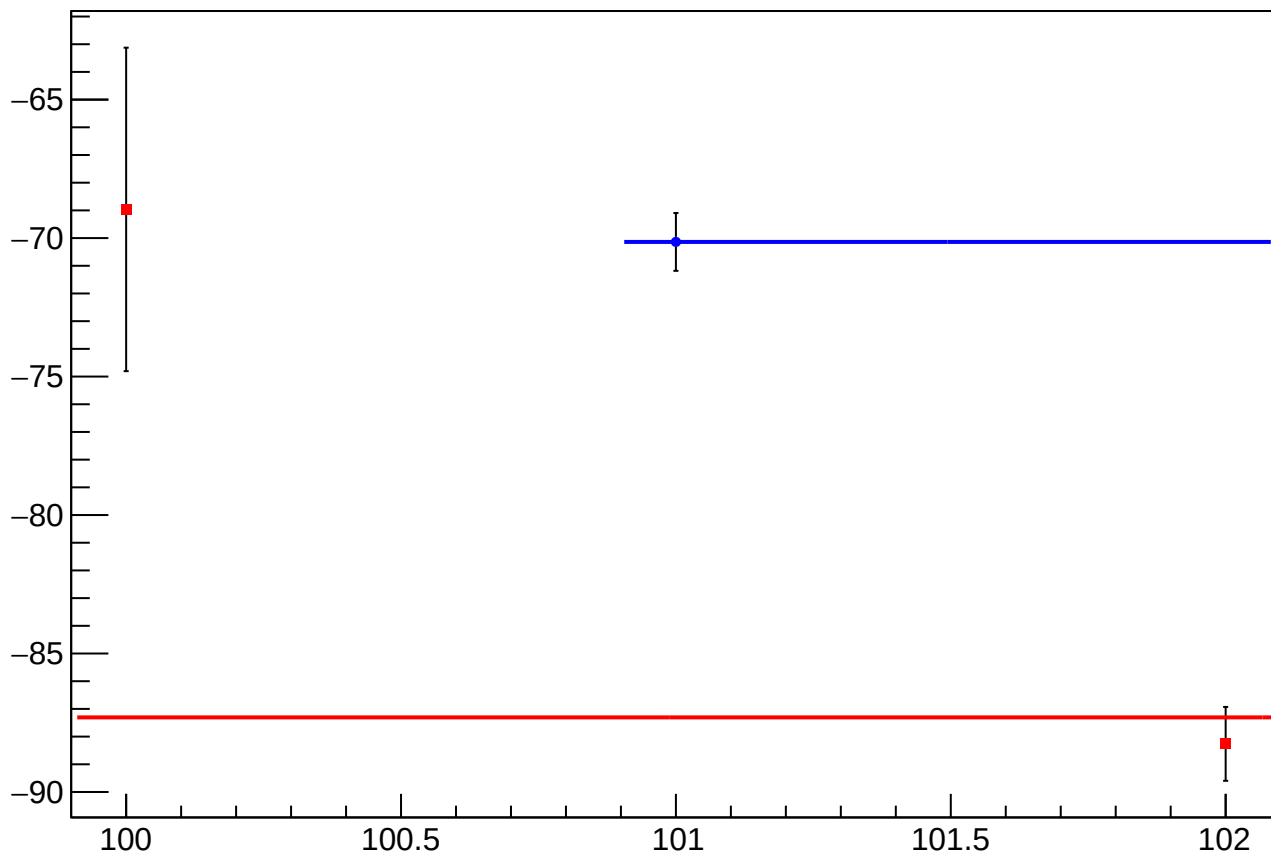
Right: 5.259+/-0.910 χ^2/NDF : 52.5/2

In: 9.041+/-1.090 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.259+/-0.910 χ^2/NDF : 52.5/2

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -70.139+/-1.044 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -87.306+/-1.300 χ^2/NDF : 10.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

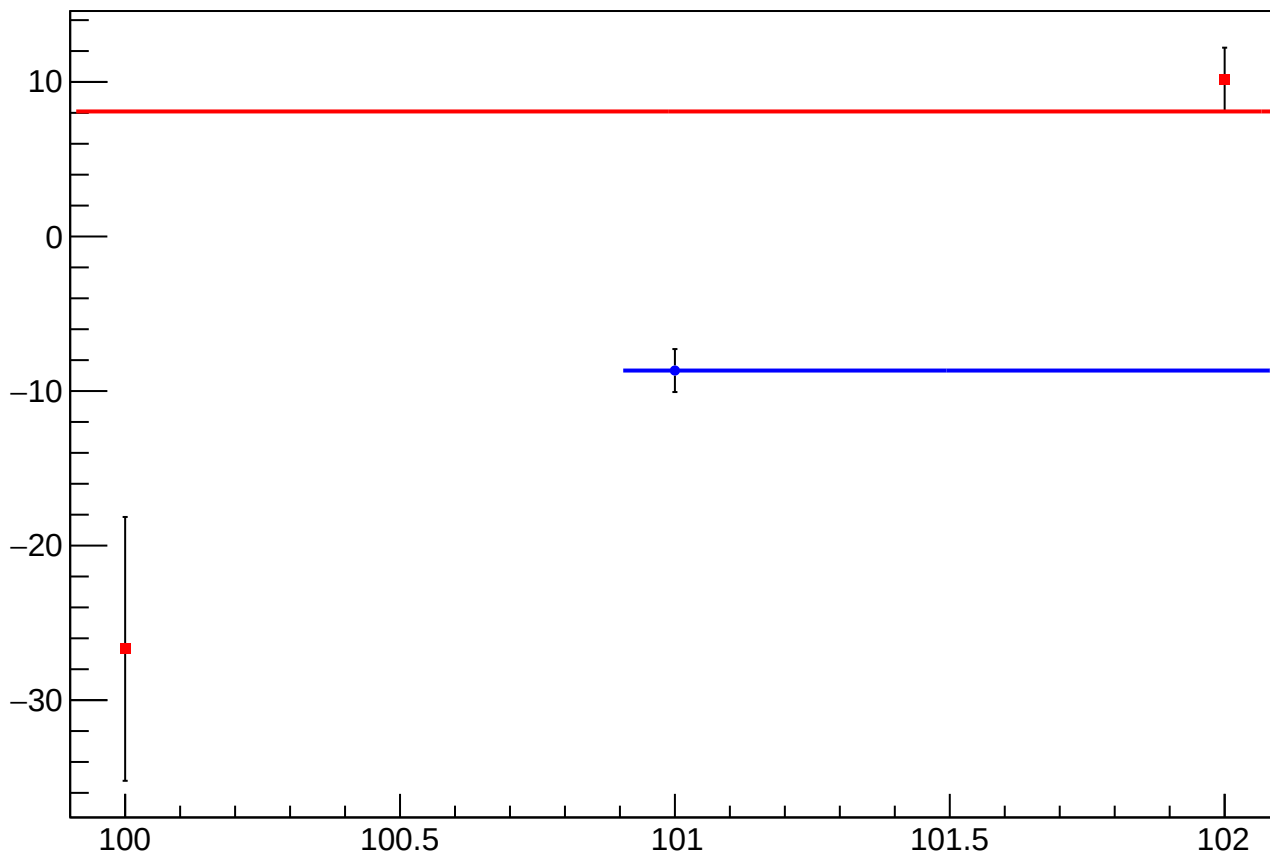
Right: -76.869+/-0.814 χ^2/NDF : 116.4/2

In: -70.139+/-1.044 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -76.869+/-0.814 χ^2/NDF : 116.4/2

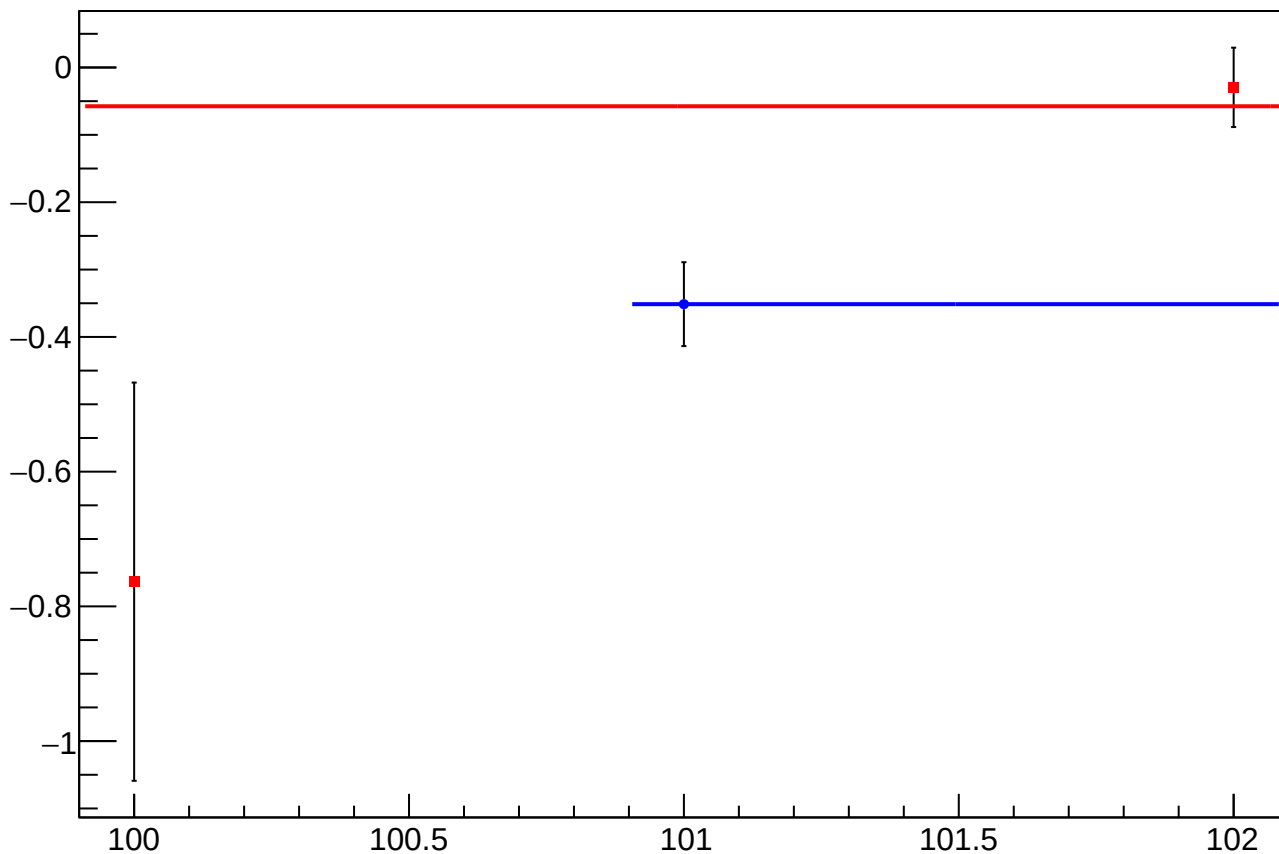
reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -8.674+/-1.391 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 8.091+/-2.015 χ^2/NDF : 17.6/1
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -3.266+/-1.145 χ^2/NDF : 64.5/2
 In: -8.674+/-1.391 χ^2/NDF : 0.0/0
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -3.266+/-1.145 χ^2/NDF : 64.5/2

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.351 $\pm$ 0.062 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.058 $\pm$ 0.058 χ^2 /NDF: 5.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

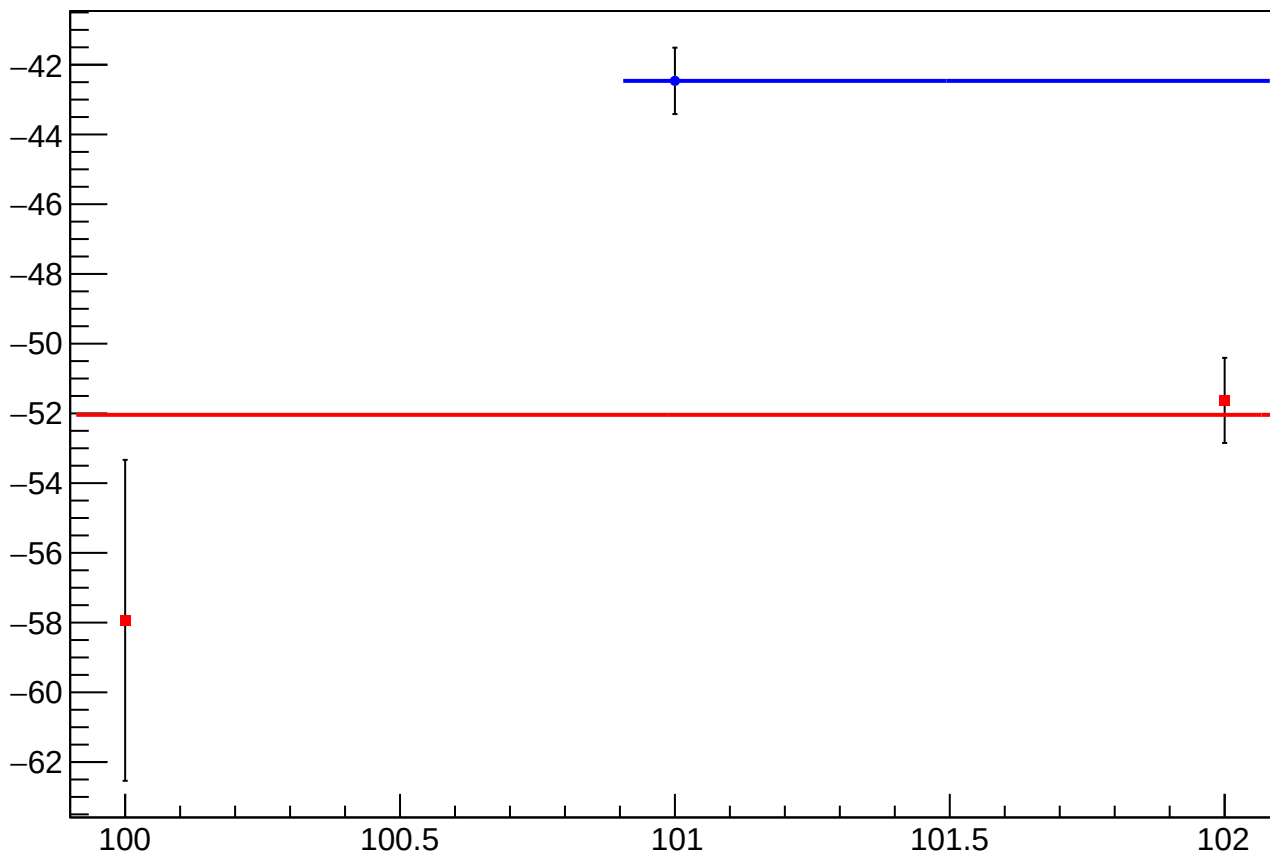
Right: -0.194 $\pm$ 0.042 χ^2 /NDF: 17.9/2

In: -0.351 $\pm$ 0.062 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.194 $\pm$ 0.042 χ^2 /NDF: 17.9/2

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -42.463+/-0.952 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -52.041+/-1.179 χ^2/NDF : 1.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

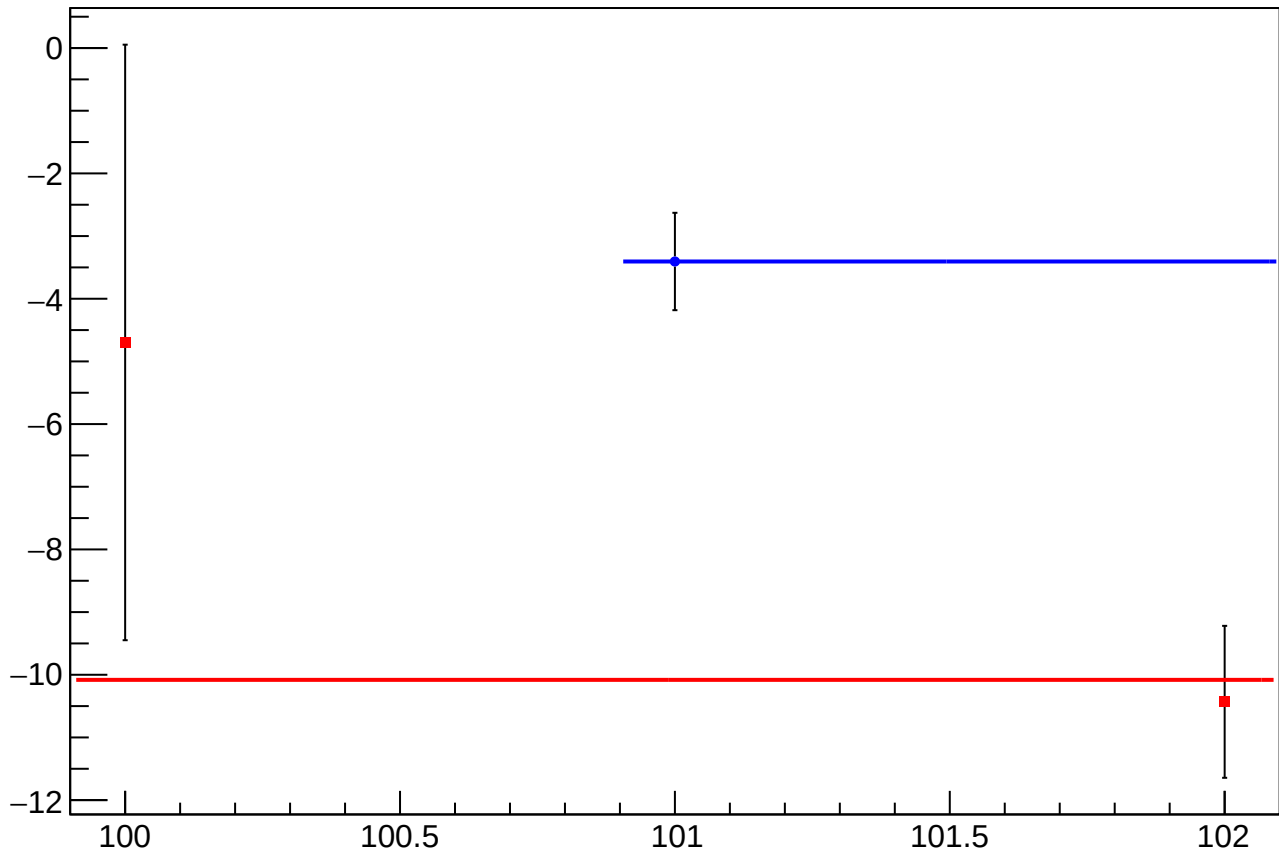
Right: -46.242+/-0.741 χ^2/NDF : 41.7/2

In: -42.463+/-0.952 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -46.242+/-0.741 χ^2/NDF : 41.7/2

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.406+/-0.777 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.081+/-1.175 χ^2/NDF : 1.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

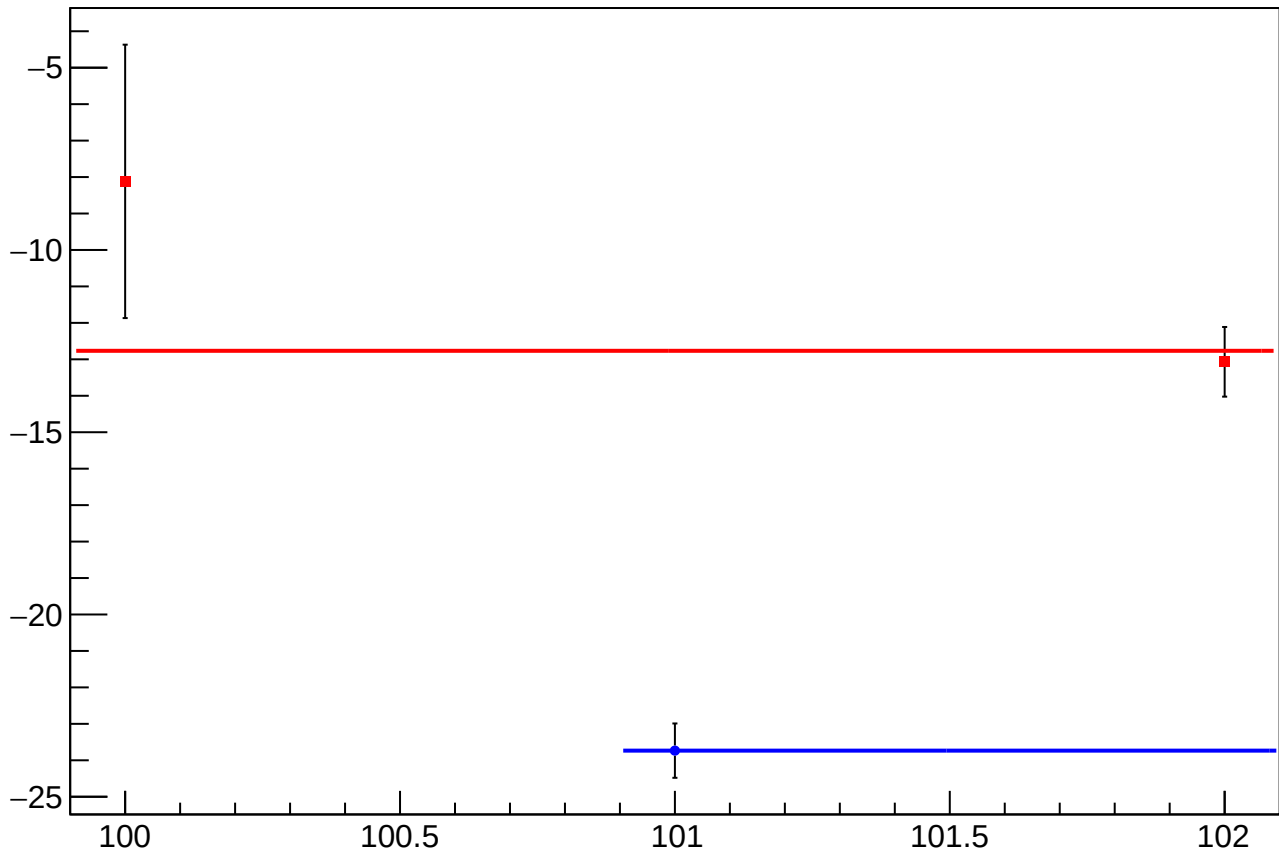
Right: -5.437+/-0.648 χ^2/NDF : 23.8/2

In: -3.406+/-0.777 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.437+/-0.648 χ^2/NDF : 23.8/2

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -23.735 $\pm$ 0.745 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -12.767 $\pm$ 0.926 χ^2 /NDF: 1.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

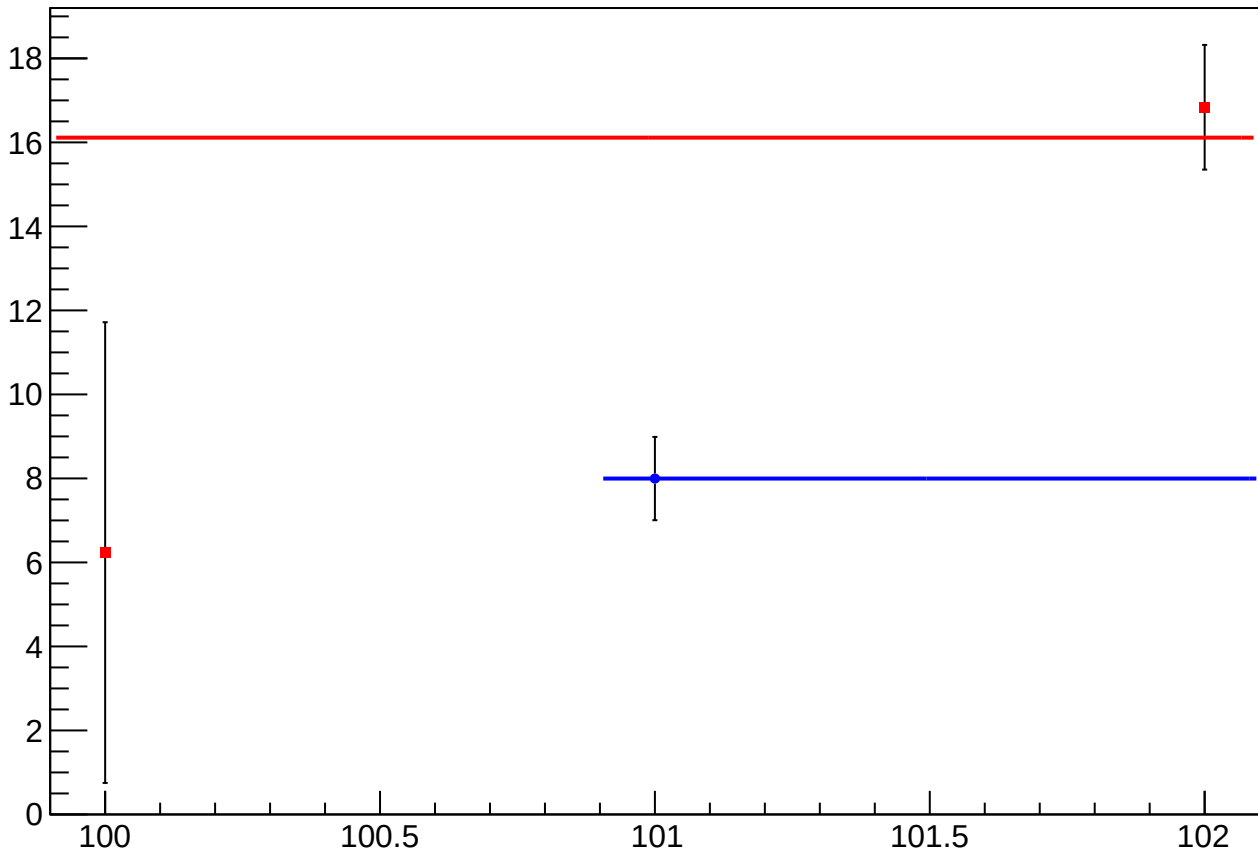
Right: -19.423 $\pm$ 0.581 χ^2 /NDF: 86.8/2

In: -23.735 $\pm$ 0.745 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -19.423 $\pm$ 0.581 χ^2 /NDF: 86.8/2

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.997 $\pm$ 0.991 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.113 $\pm$ 1.433 χ^2 /NDF: 3.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

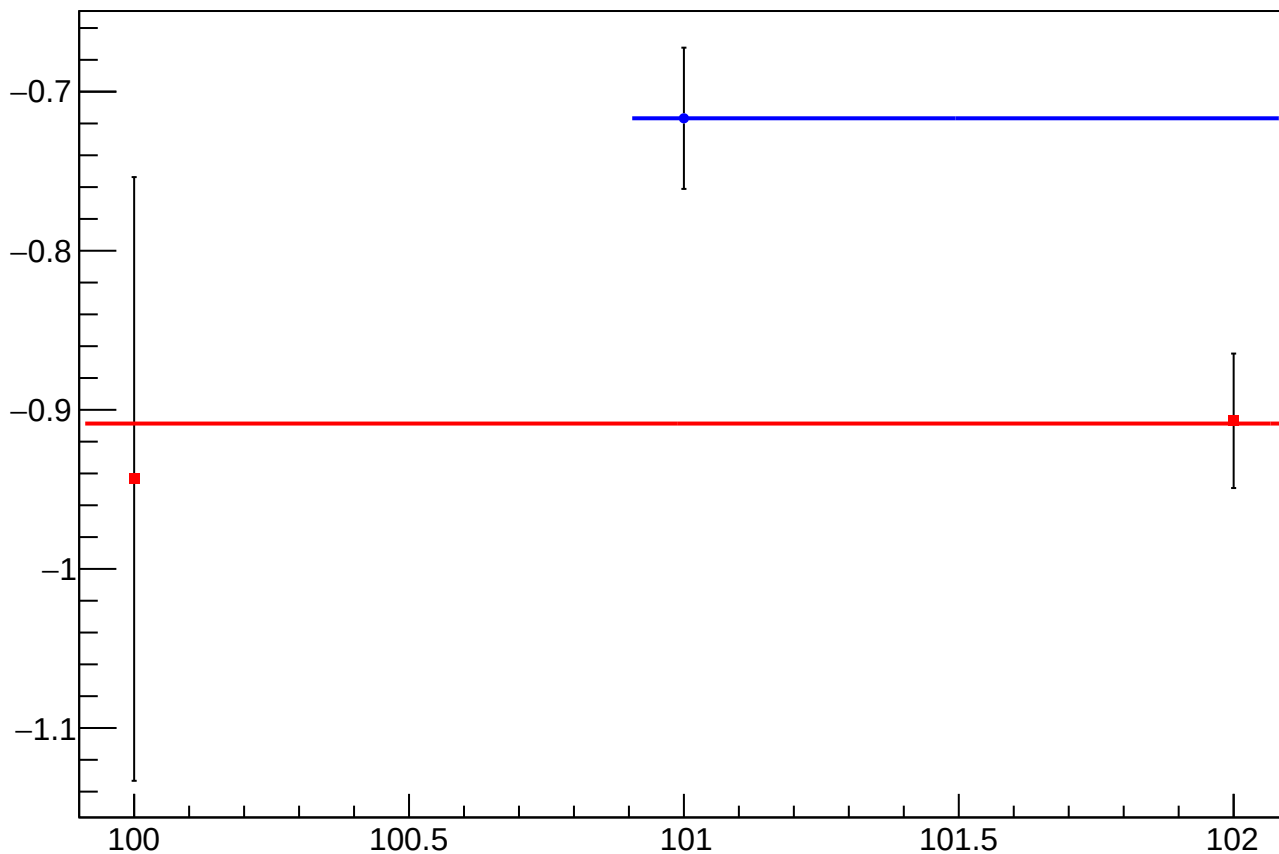
Right: 10.624 $\pm$ 0.815 χ^2 /NDF: 25.2/2

In: 7.997 $\pm$ 0.991 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.624 $\pm$ 0.815 χ^2 /NDF: 25.2/2

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.717+/-0.044 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.909+/-0.041 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

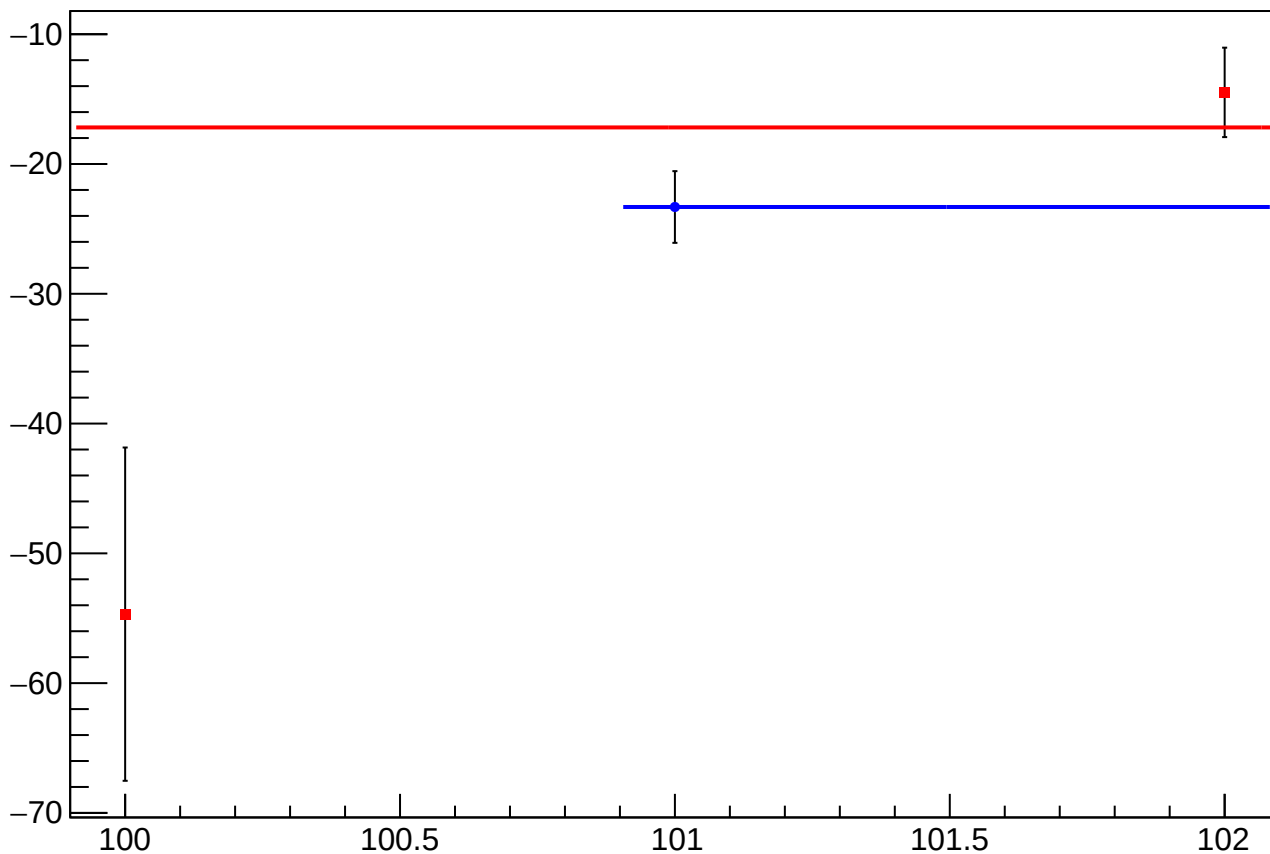
Right: -0.820+/-0.030 χ^2/NDF : 10.1/2

In: -0.717+/-0.044 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.820+/-0.030 χ^2/NDF : 10.1/2

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -23.313 $\pm$ 2.762 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -17.182 $\pm$ 3.328 χ^2 /NDF: 9.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

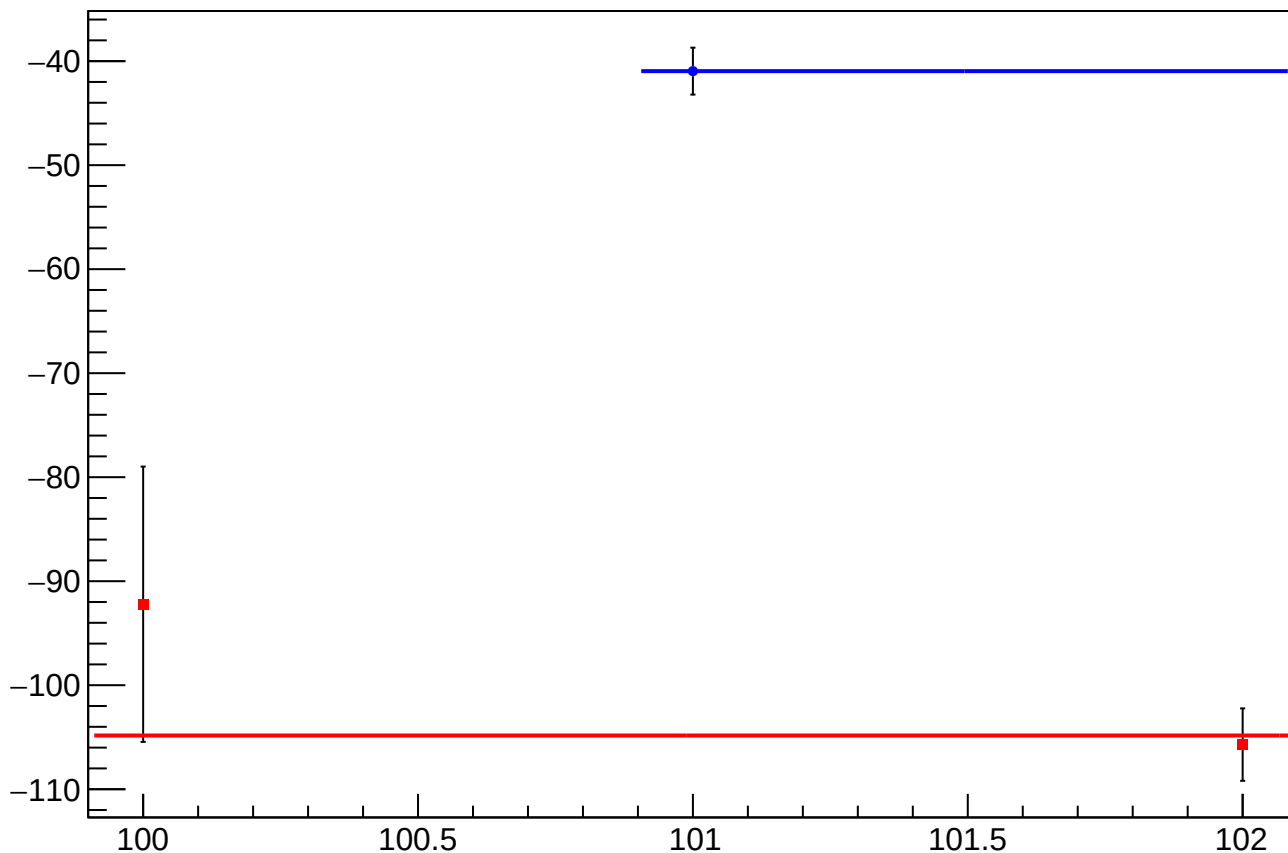
Right: -20.812 $\pm$ 2.125 χ^2 /NDF: 11.2/2

In: -23.313 $\pm$ 2.762 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -20.812 $\pm$ 2.125 χ^2 /NDF: 11.2/2

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -40.961+/-2.256 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -104.837+/-3.367 χ^2/NDF : 1.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

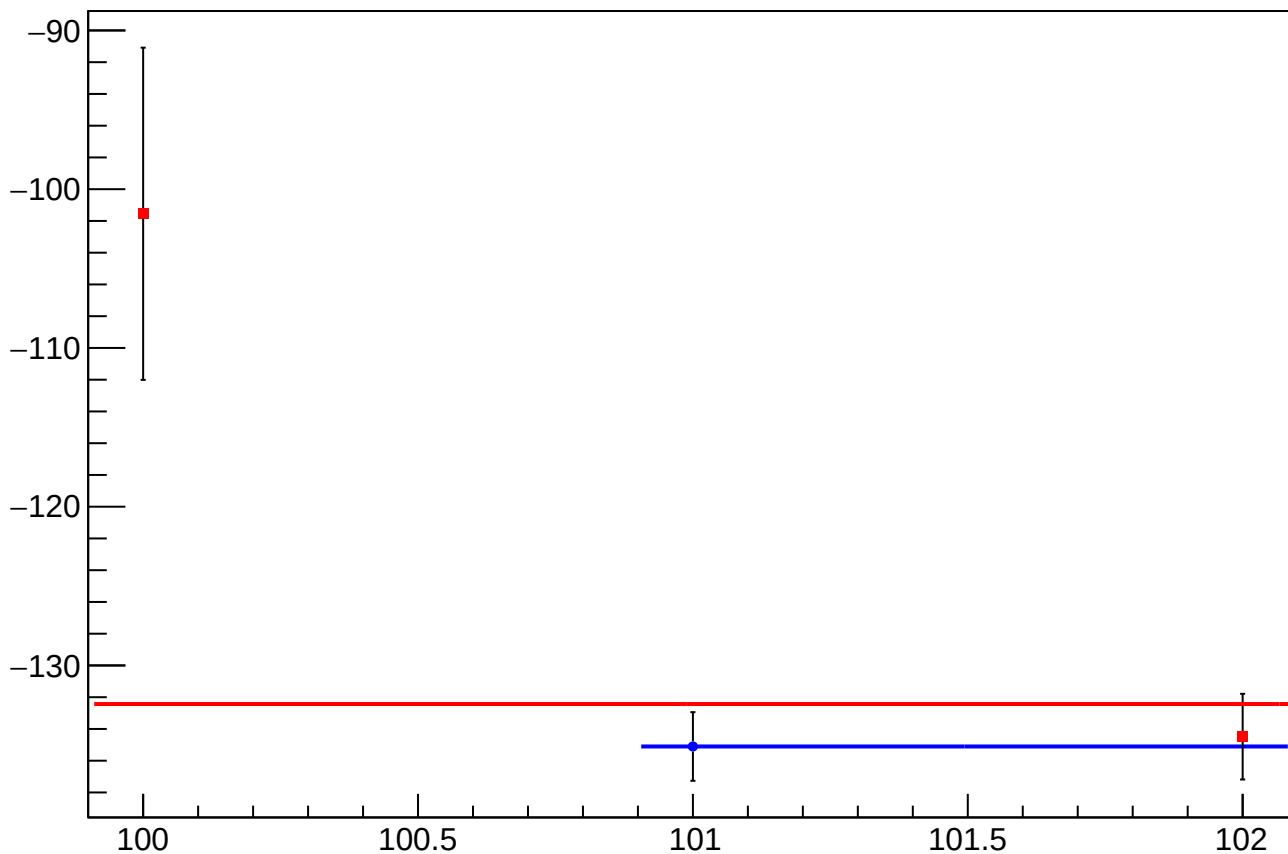
Right: -60.759+/-1.874 χ^2/NDF : 249.4/2

In: -40.961+/-2.256 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -60.759+/-1.874 χ^2/NDF : 249.4/2

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -135.104+/-2.162 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -132.431+/-2.613 χ^2 /NDF: 9.3/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

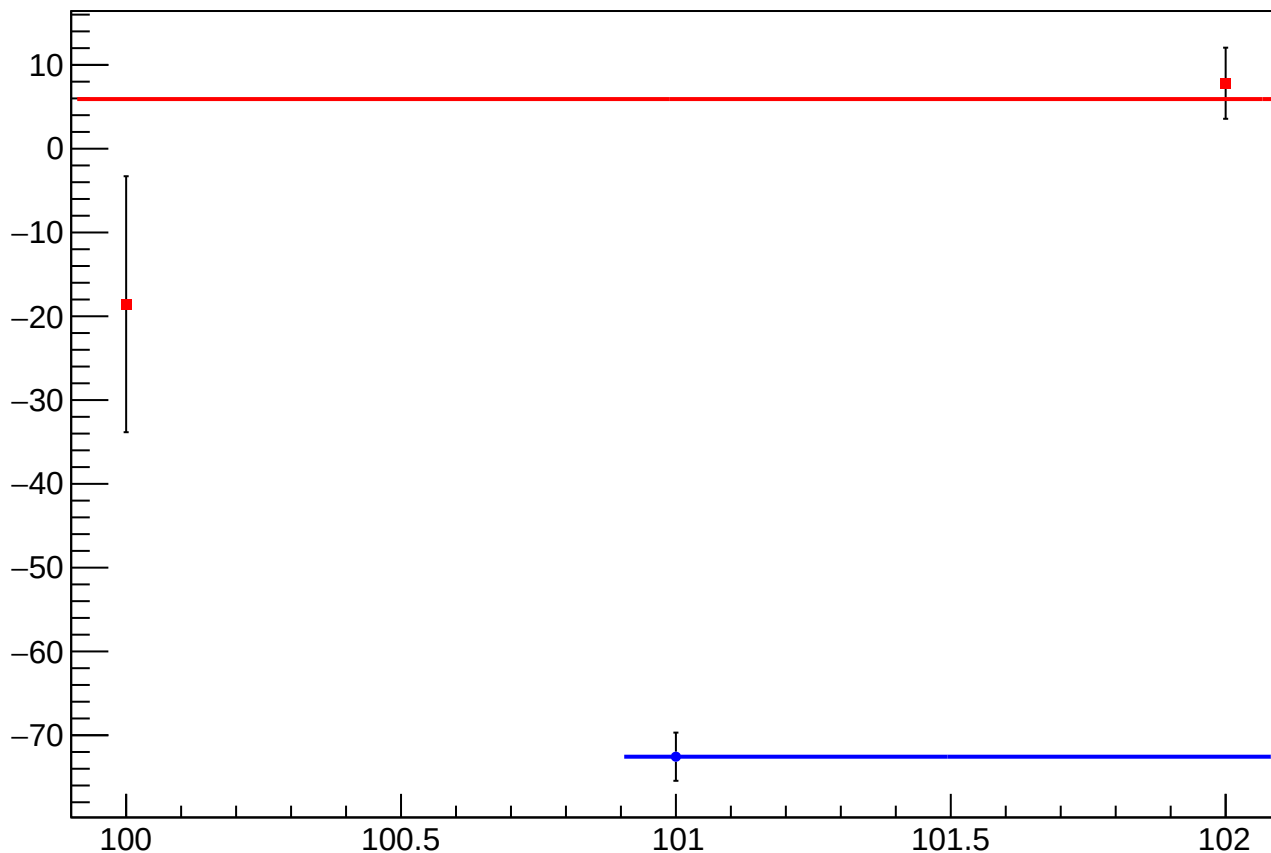
Right: -134.017+/-1.666 χ^2 /NDF: 9.9/2

In: -135.104+/-2.162 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -134.017+/-1.666 χ^2 /NDF: 9.9/2

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -72.563 $\pm$ 2.876 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.923 $\pm$ 4.089 χ^2 /NDF: 2.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

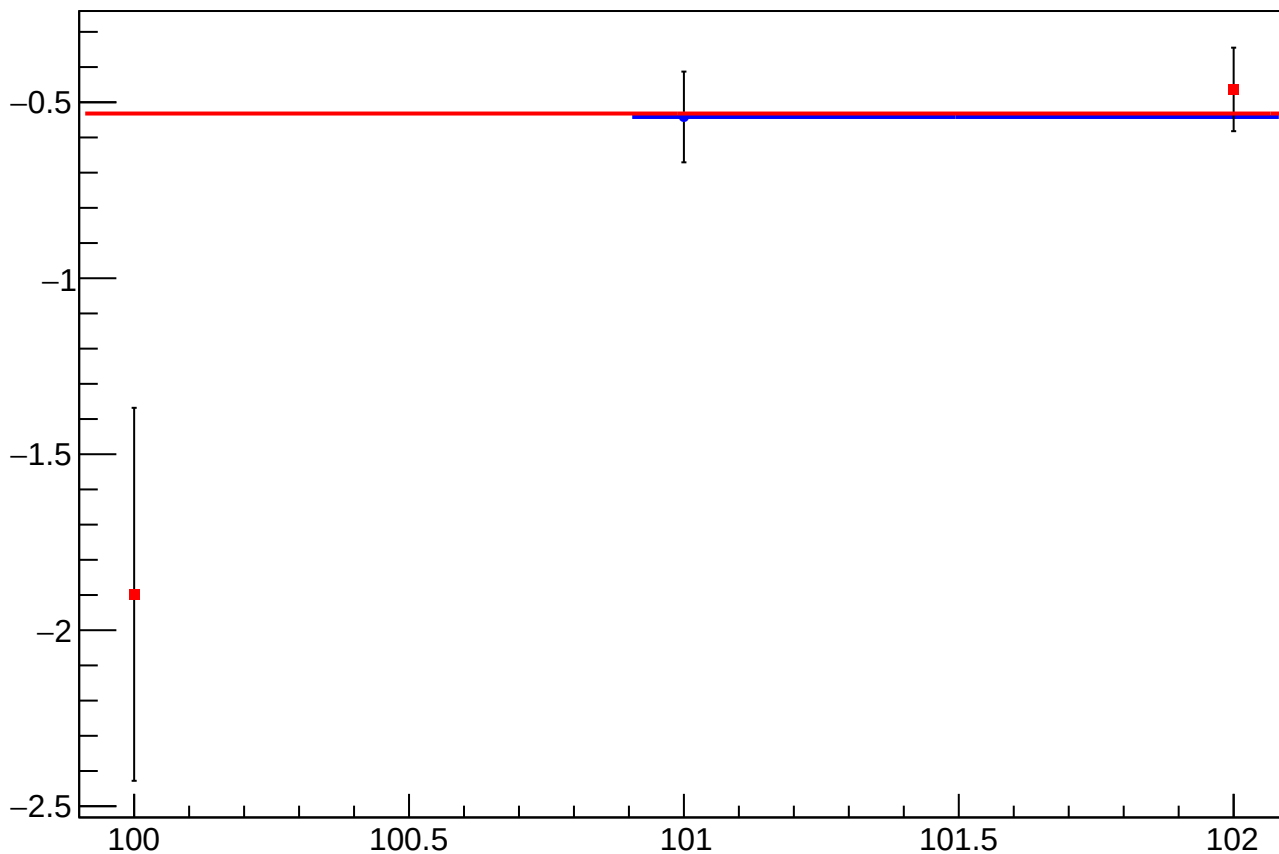
Right: -46.592 $\pm$ 2.352 χ^2 /NDF: 249.3/2

In: -72.563 $\pm$ 2.876 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -46.592 $\pm$ 2.352 χ^2 /NDF: 249.3/2

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.542 ± 0.129 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.532 ± 0.116 $\chi^2/\text{NDF}: 7.0/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

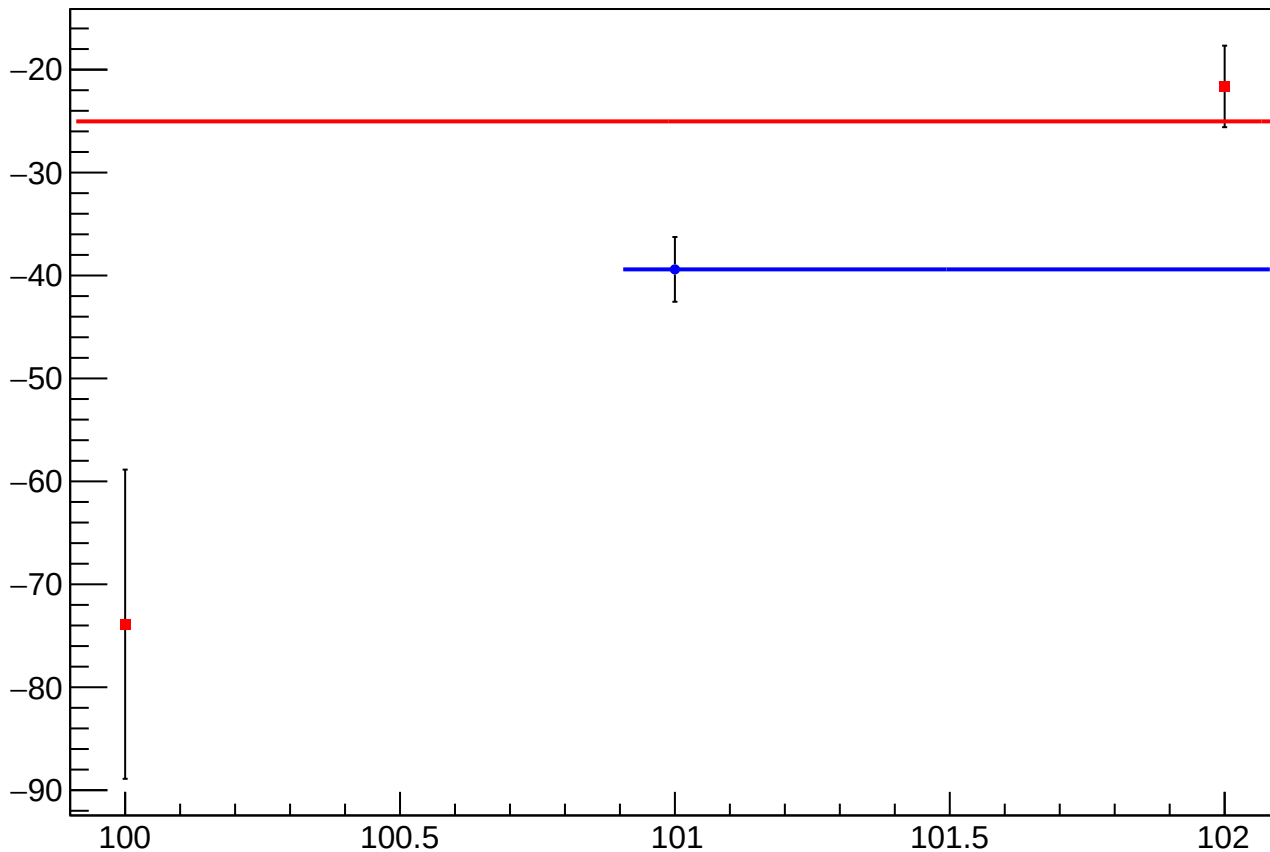
Right: -0.536 ± 0.086 $\chi^2/\text{NDF}: 7.0/2$

In: -0.542 ± 0.129 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.536 ± 0.086 $\chi^2/\text{NDF}: 7.0/2$

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -39.405 $\pm$ -3.145 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -25.027 $\pm$ -3.829 χ^2 /NDF: 11.3/1

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

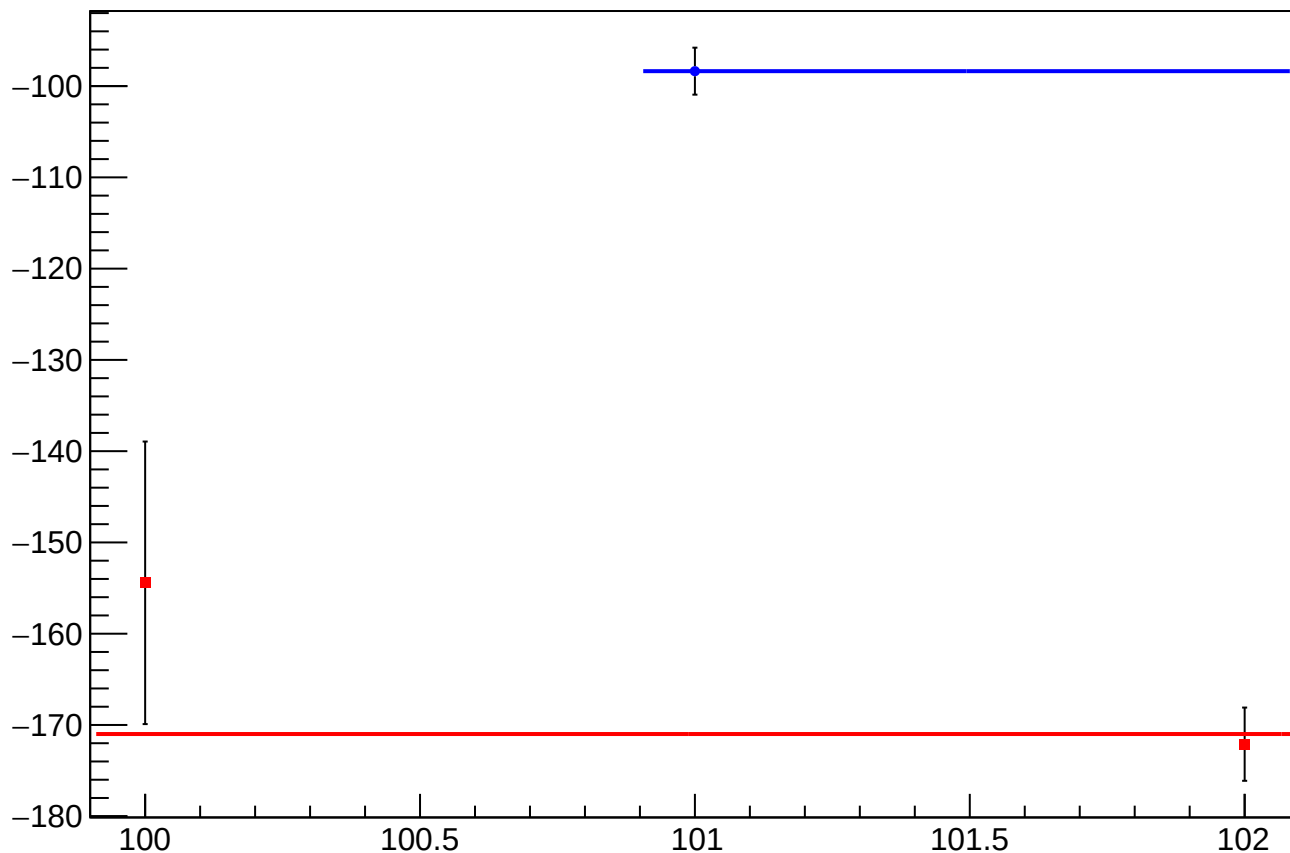
Right: -33.611 $\pm$ -2.430 χ^2 /NDF: 19.7/2

In: -39.405 $\pm$ -3.145 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: -33.611 $\pm$ -2.430 χ^2 /NDF: 19.7/2

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -98.363 $\pm$ 2.574 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -170.992 $\pm$ 3.884 χ^2 /NDF: 1.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

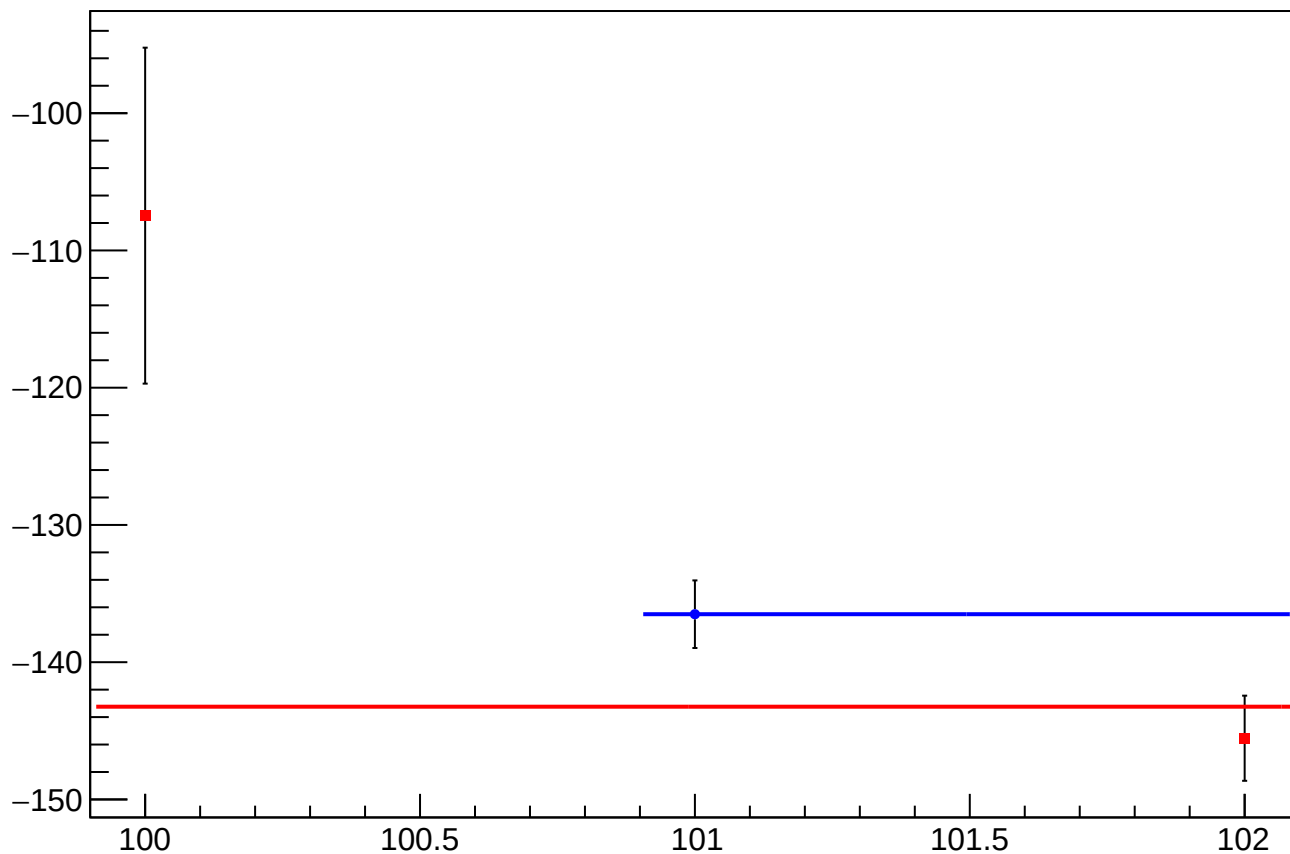
Right: -120.527 $\pm$ 2.145 χ^2 /NDF: 244.2/2

In: -98.363 $\pm$ 2.574 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -120.527 $\pm$ 2.145 χ^2 /NDF: 244.2/2

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -136.503 ± 2.462 χ^2/NDF : 0.0/0

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -143.242 ± 3.007 χ^2/NDF : 9.1/1

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

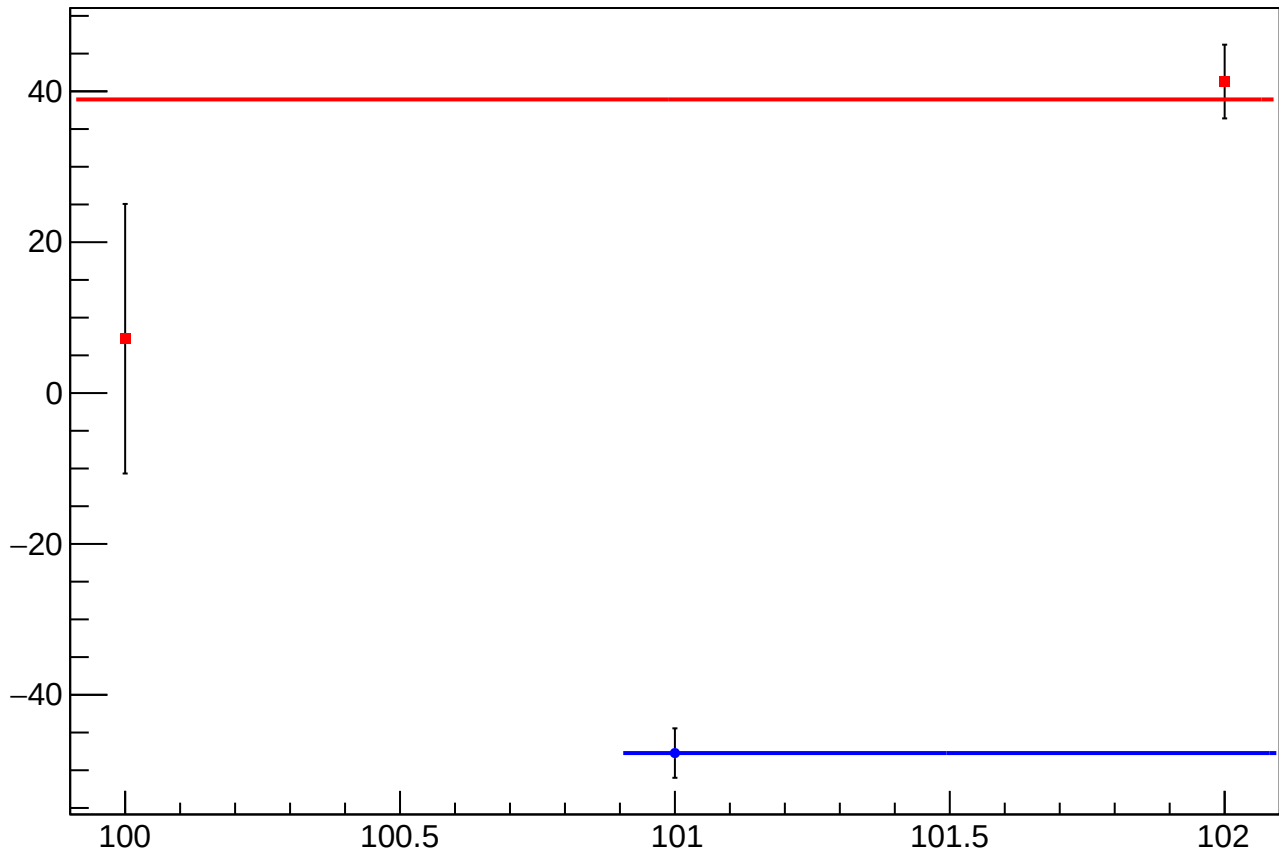
Right: -139.208 ± 1.905 χ^2/NDF : 12.1/2

In: -136.503 ± 2.462 χ^2/NDF : 0.0/0

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -139.208 ± 1.905 χ^2/NDF : 12.1/2

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -47.722 $\pm$ 3.278 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 38.923 $\pm$ 4.714 χ^2 /NDF: 3.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

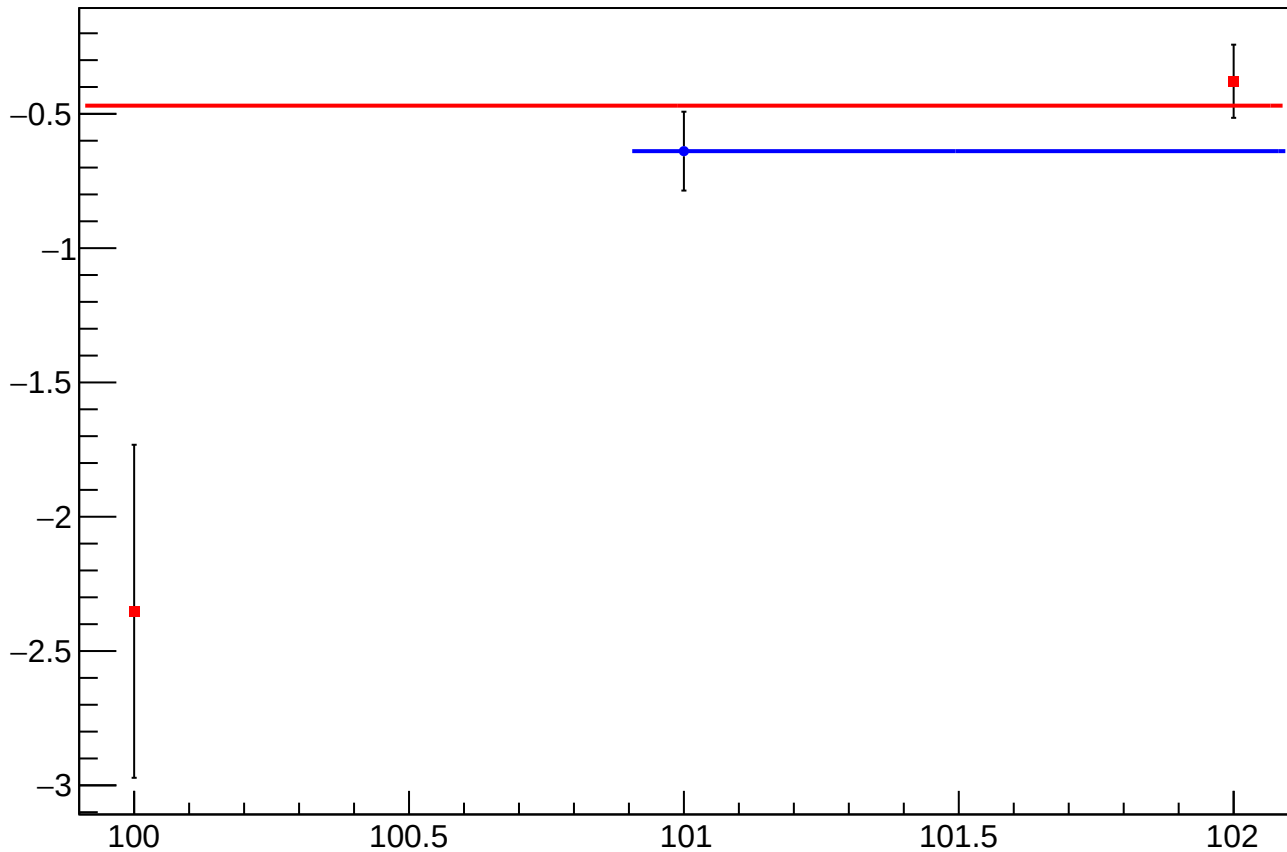
Right: -19.478 $\pm$ 2.692 χ^2 /NDF: 231.1/2

In: -47.722 $\pm$ 3.278 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -19.478 $\pm$ 2.692 χ^2 /NDF: 231.1/2

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.639+/-0.147 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.469+/-0.133 χ^2/NDF : 9.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

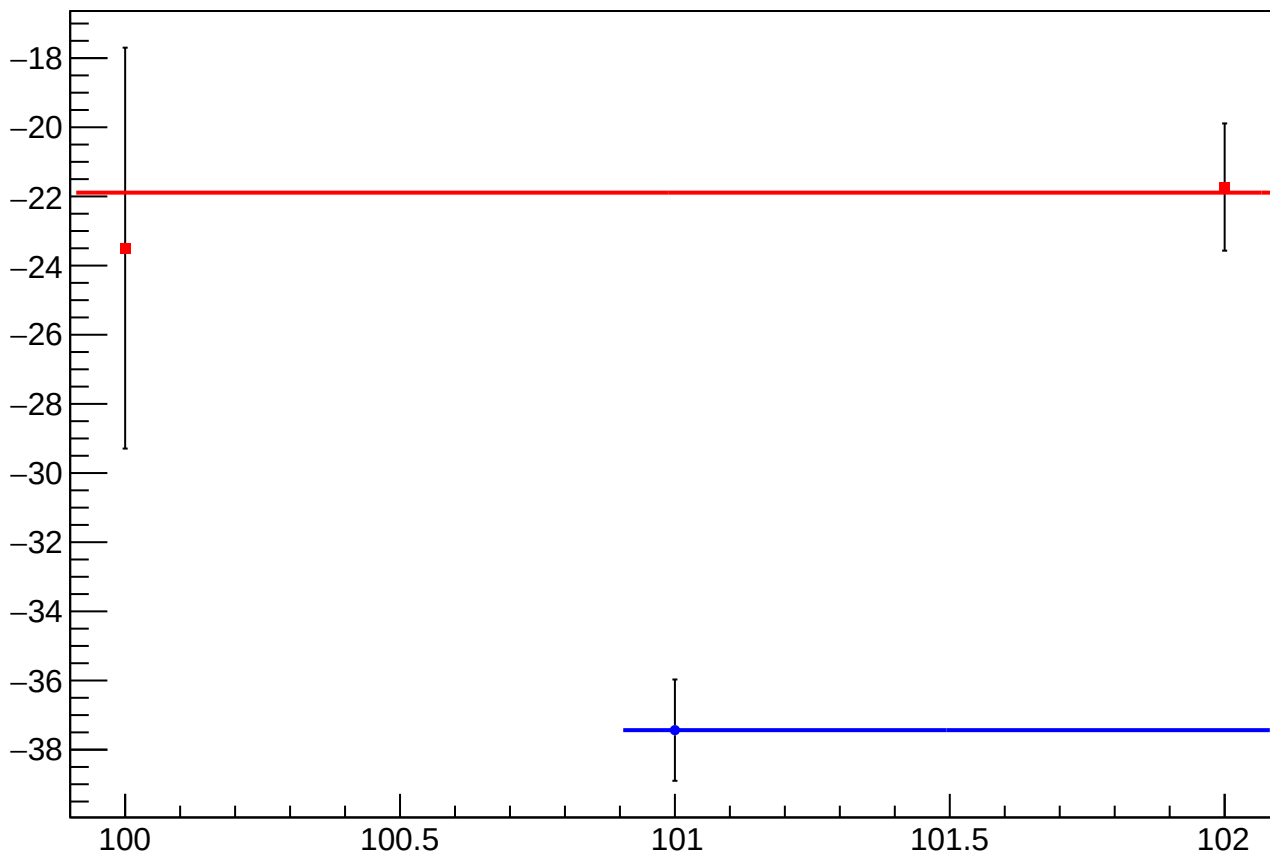
Right: -0.546+/-0.099 χ^2/NDF : 10.4/2

In: -0.639+/-0.147 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.546+/-0.099 χ^2/NDF : 10.4/2

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -37.435+/-1.465 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.890+/-1.753 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

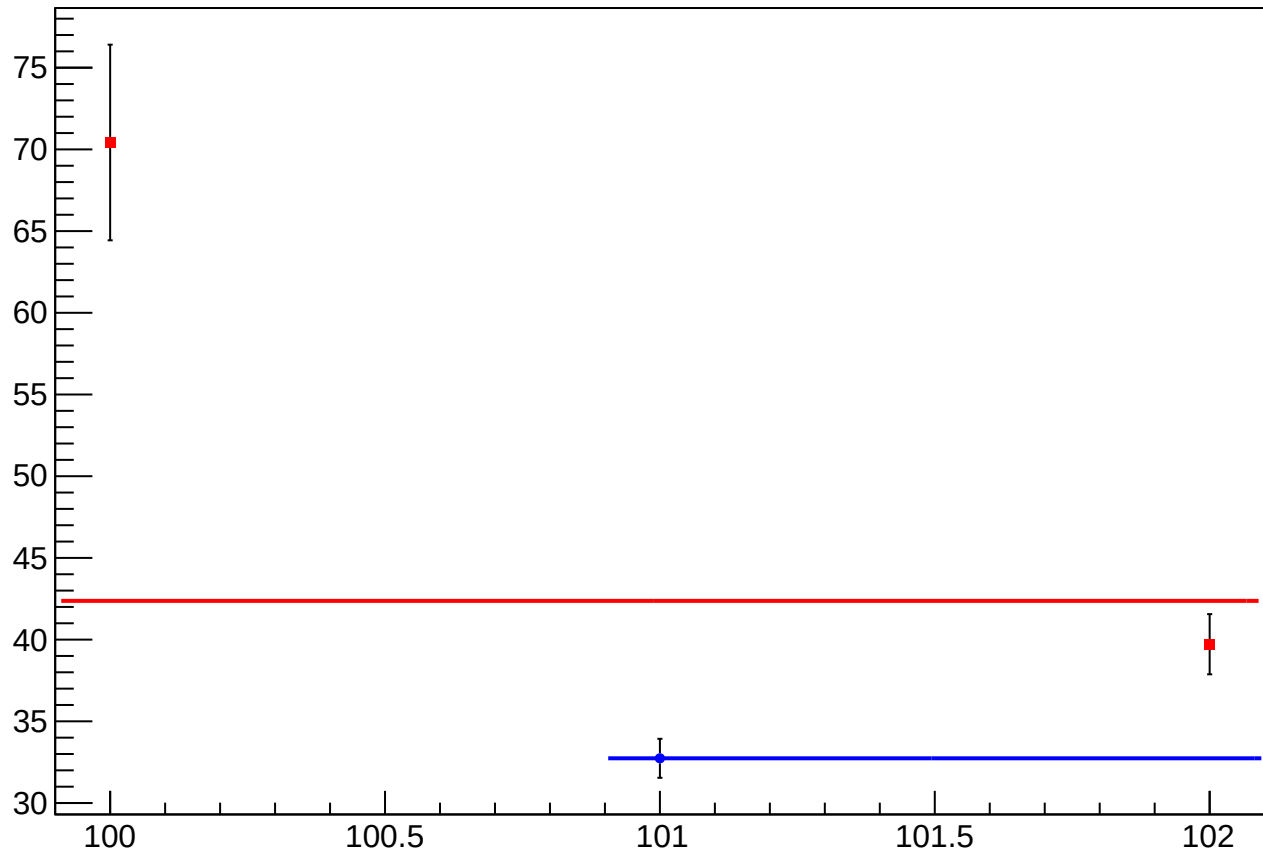
Right: -31.045+/-1.124 χ^2/NDF : 46.4/2

In: -37.435+/-1.465 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.045+/-1.124 χ^2/NDF : 46.4/2

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.737 $\pm$ 1.193 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 42.371 $\pm$ 1.760 χ^2 /NDF: 24.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

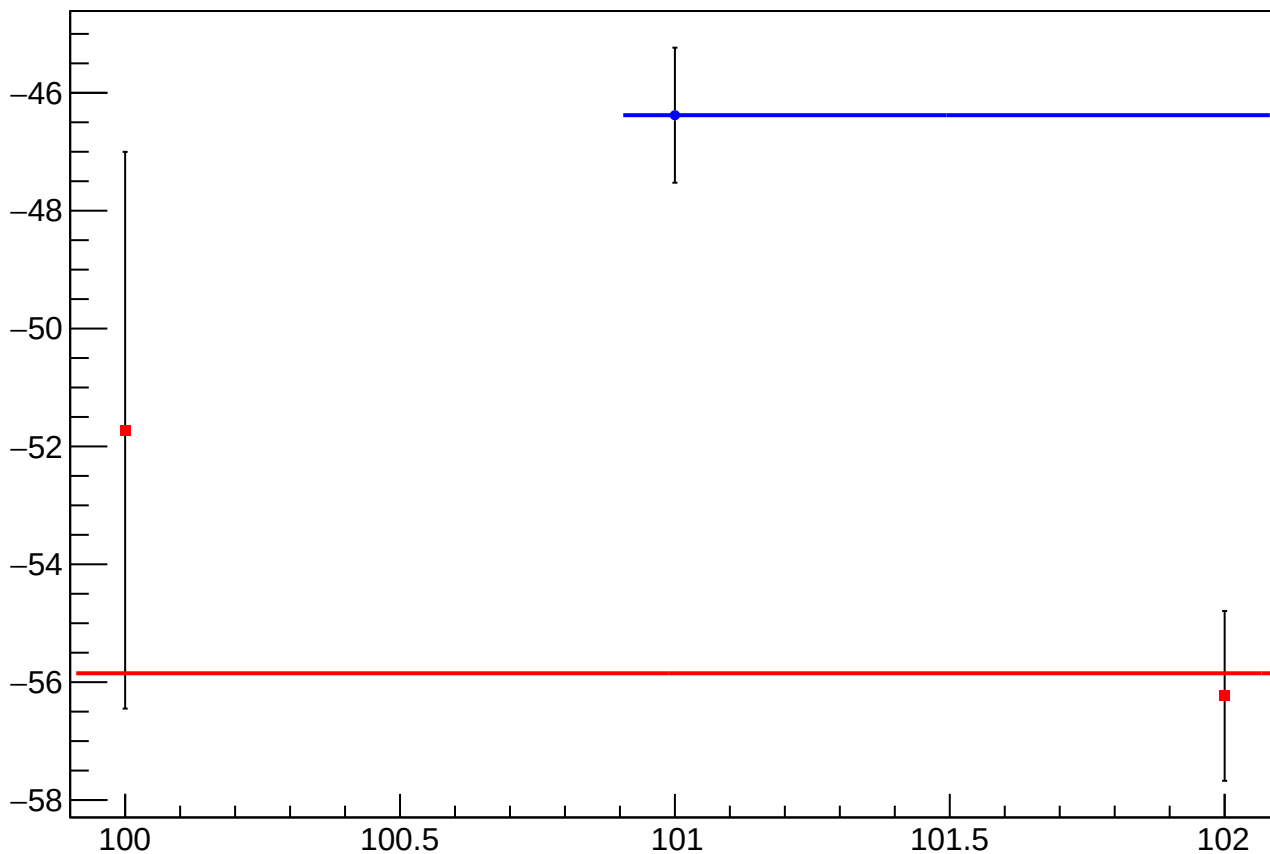
Right: 35.772 $\pm$ 0.988 χ^2 /NDF: 44.6/2

In: 32.737 $\pm$ 1.193 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 35.772 $\pm$ 0.988 χ^2 /NDF: 44.6/2

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -46.379 ± 1.146 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -55.849 ± 1.378 $\chi^2/\text{NDF}: 0.8/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

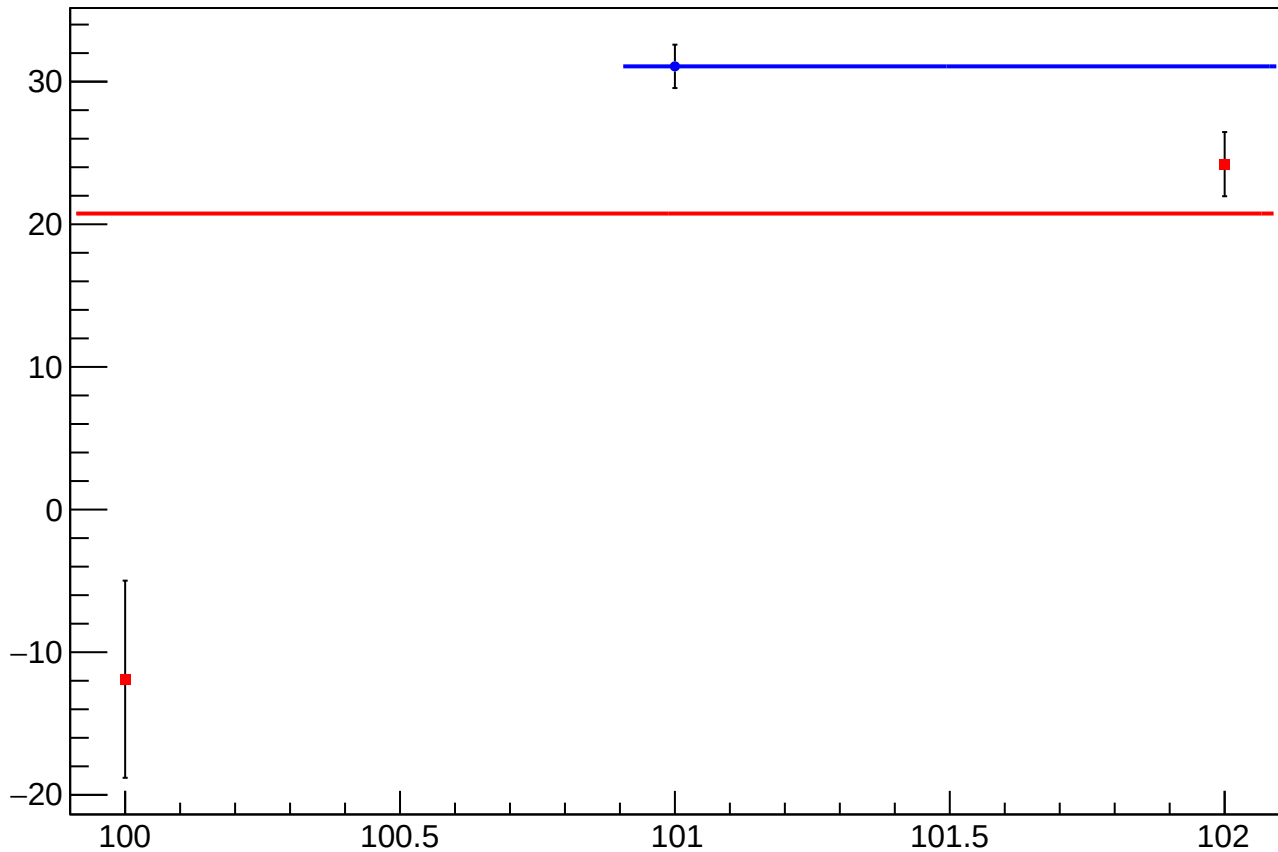
Right: -50.250 ± 0.881 $\chi^2/\text{NDF}: 28.8/2$

In: -46.379 ± 1.146 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -50.250 ± 0.881 $\chi^2/\text{NDF}: 28.8/2$

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 31.071 $\pm$ 1.521 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.753 $\pm$ 2.140 χ^2 /NDF: 24.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

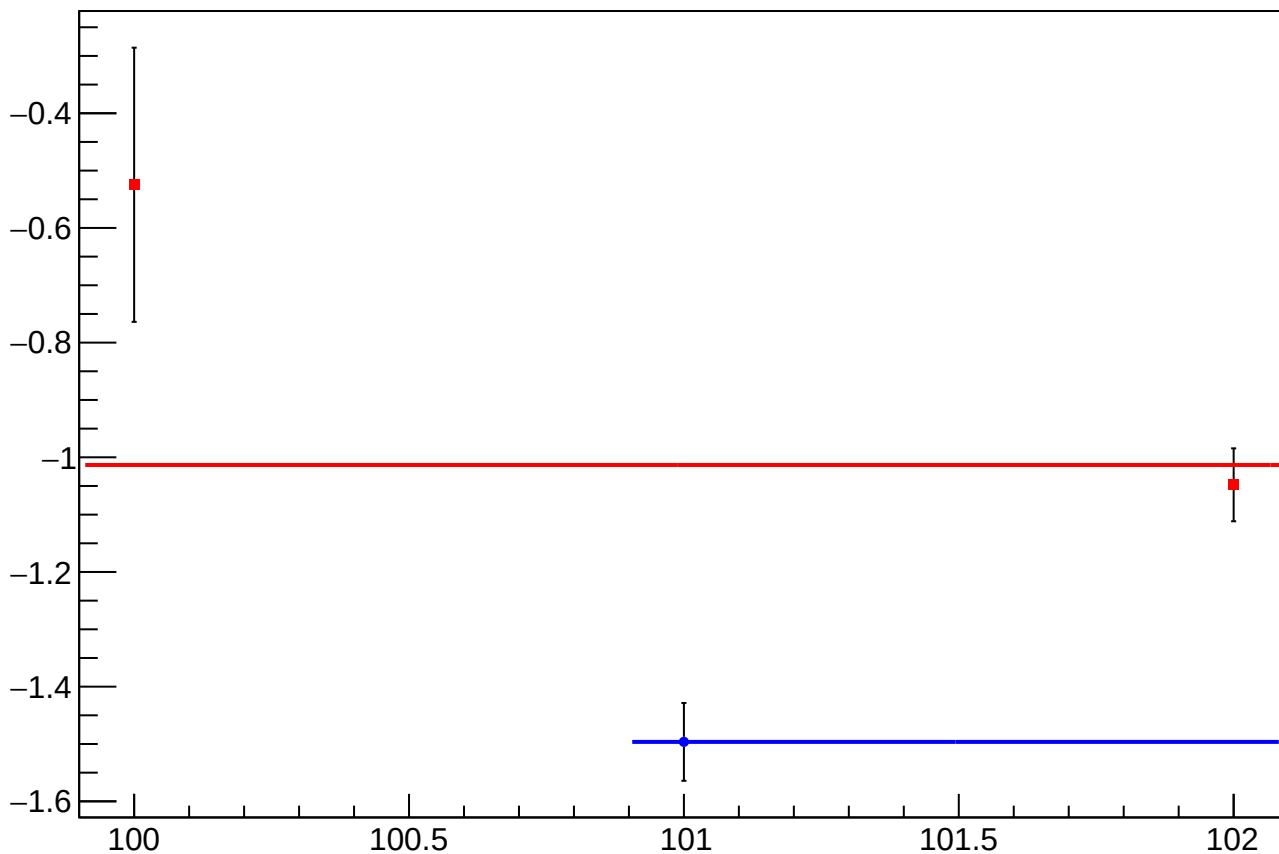
Right: 27.608 $\pm$ 1.240 χ^2 /NDF: 40.1/2

In: 31.071 $\pm$ 1.521 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.608 $\pm$ 1.240 χ^2 /NDF: 40.1/2

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.496+/-0.068 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.013+/-0.061 χ^2/NDF : 4.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

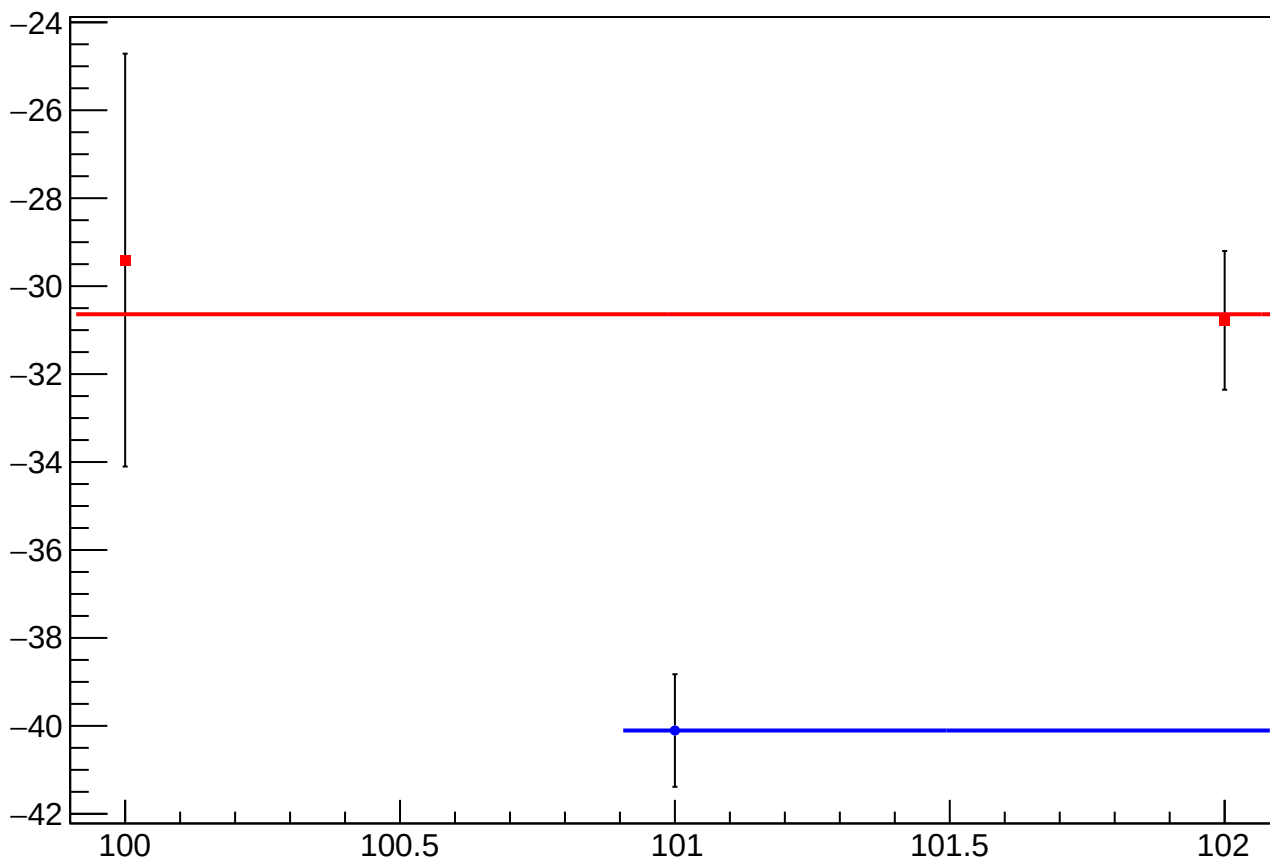
Right: -1.231+/-0.046 χ^2/NDF : 32.3/2

In: -1.496+/-0.068 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.231+/-0.046 χ^2/NDF : 32.3/2

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -40.105+/-1.280 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -30.639+/-1.495 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

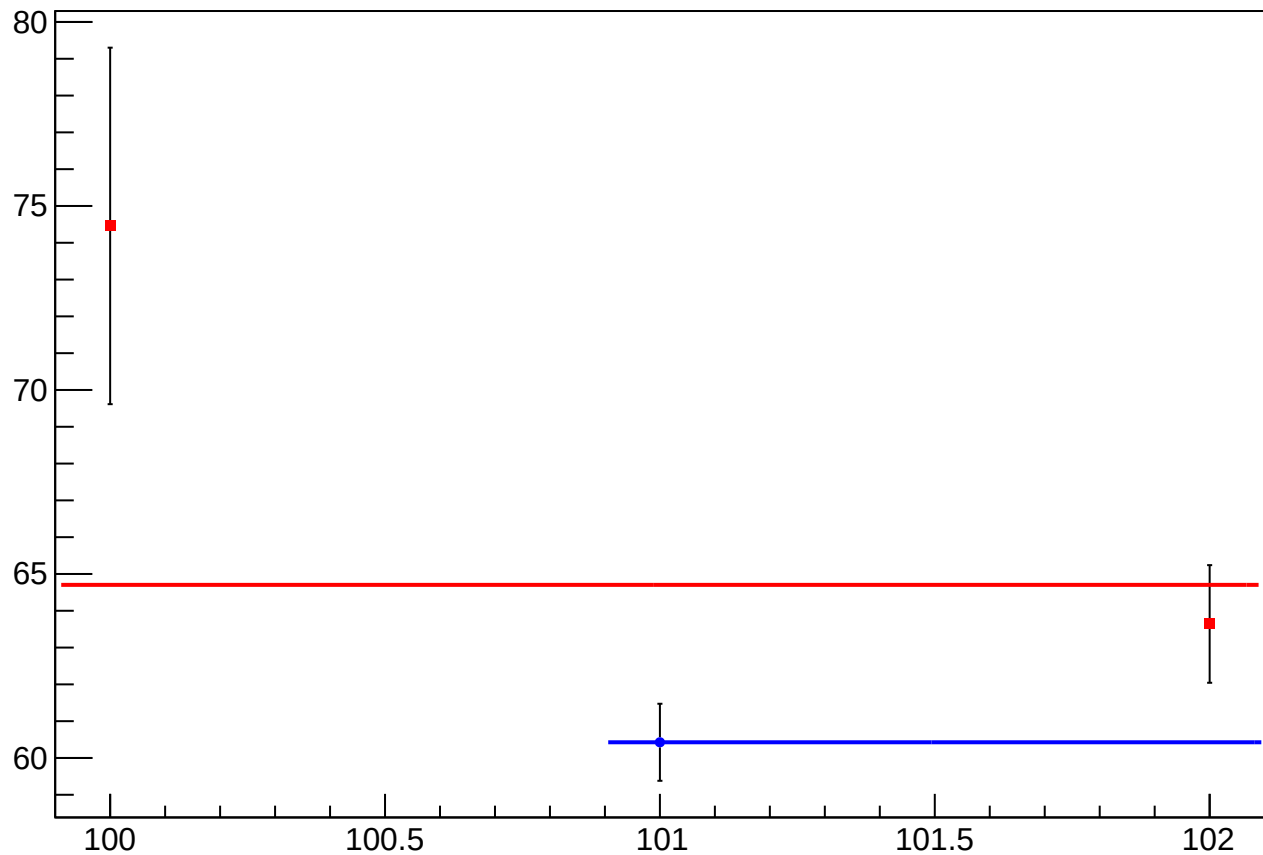
Right: -36.101+/-0.972 χ^2/NDF : 23.2/2

In: -40.105+/-1.280 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.101+/-0.972 χ^2/NDF : 23.2/2

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.427 $\pm$ 1.047 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 64.704 $\pm$ 1.518 χ^2/NDF : 4.5/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

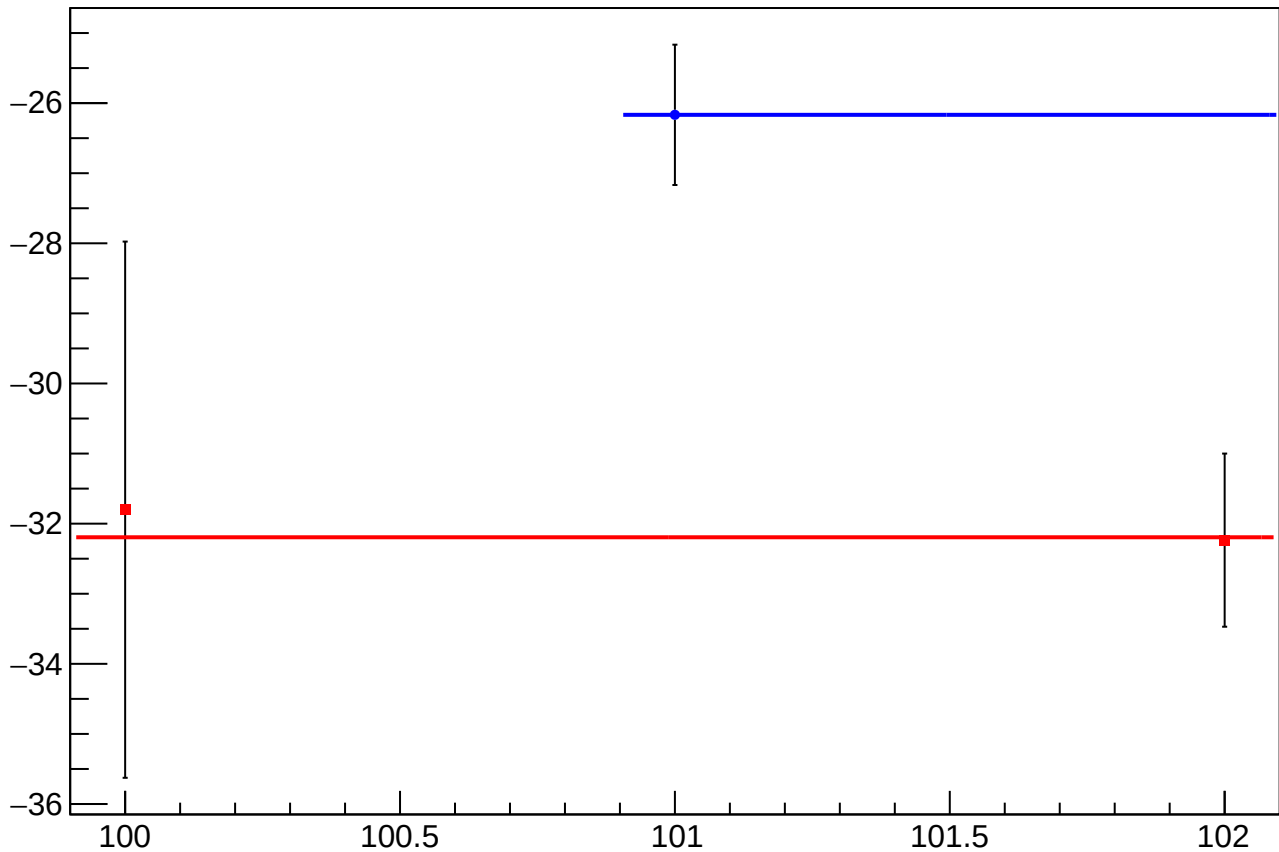
Right: 61.805 $\pm$ 0.862 χ^2/NDF : 9.9/2

In: 60.427 $\pm$ 1.047 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 61.805 $\pm$ 0.862 χ^2/NDF : 9.9/2

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -26.167+/-1.001 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -32.194+/-1.175 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

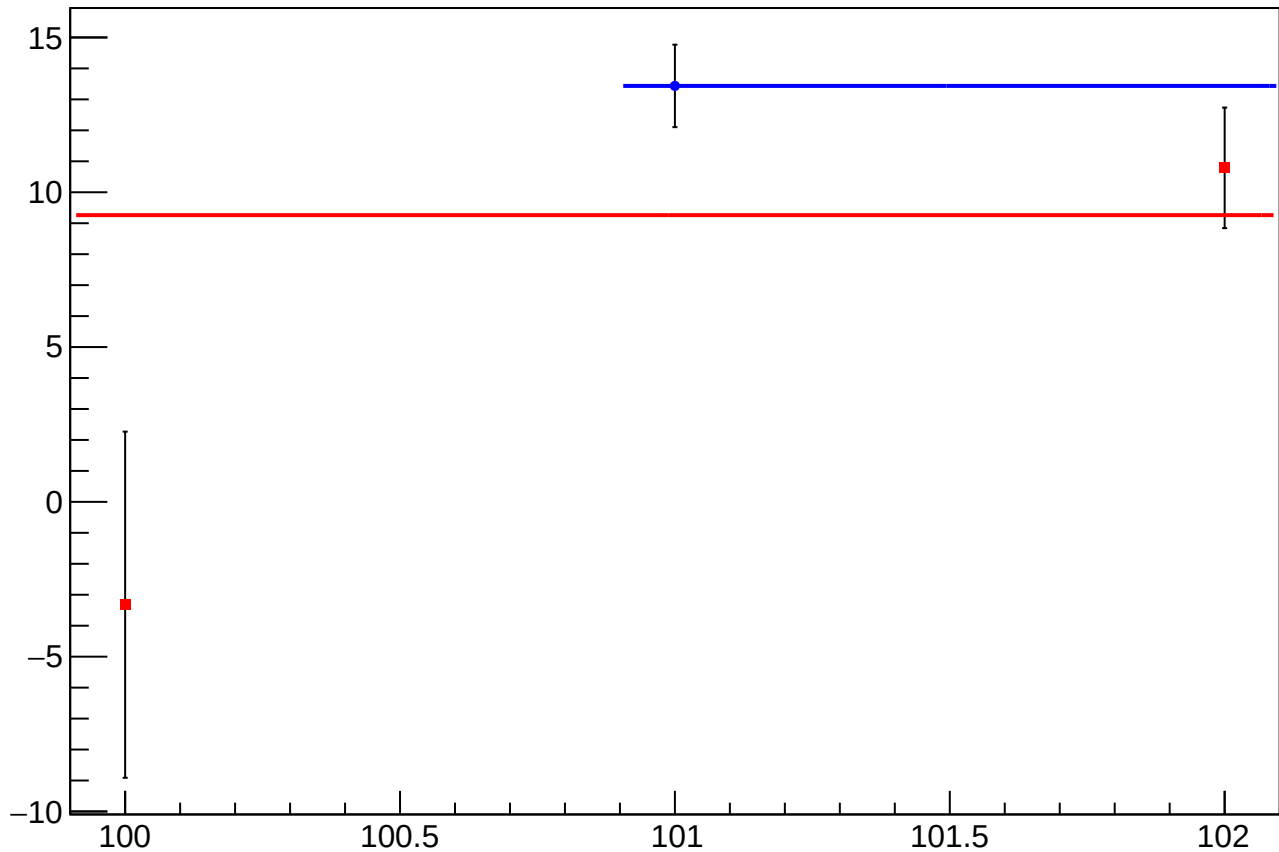
Right: -28.701+/-0.762 χ^2/NDF : 15.3/2

In: -26.167+/-1.001 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.701+/-0.762 χ^2/NDF : 15.3/2

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.435+/-1.332 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.262+/-1.839 χ^2/NDF : 5.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

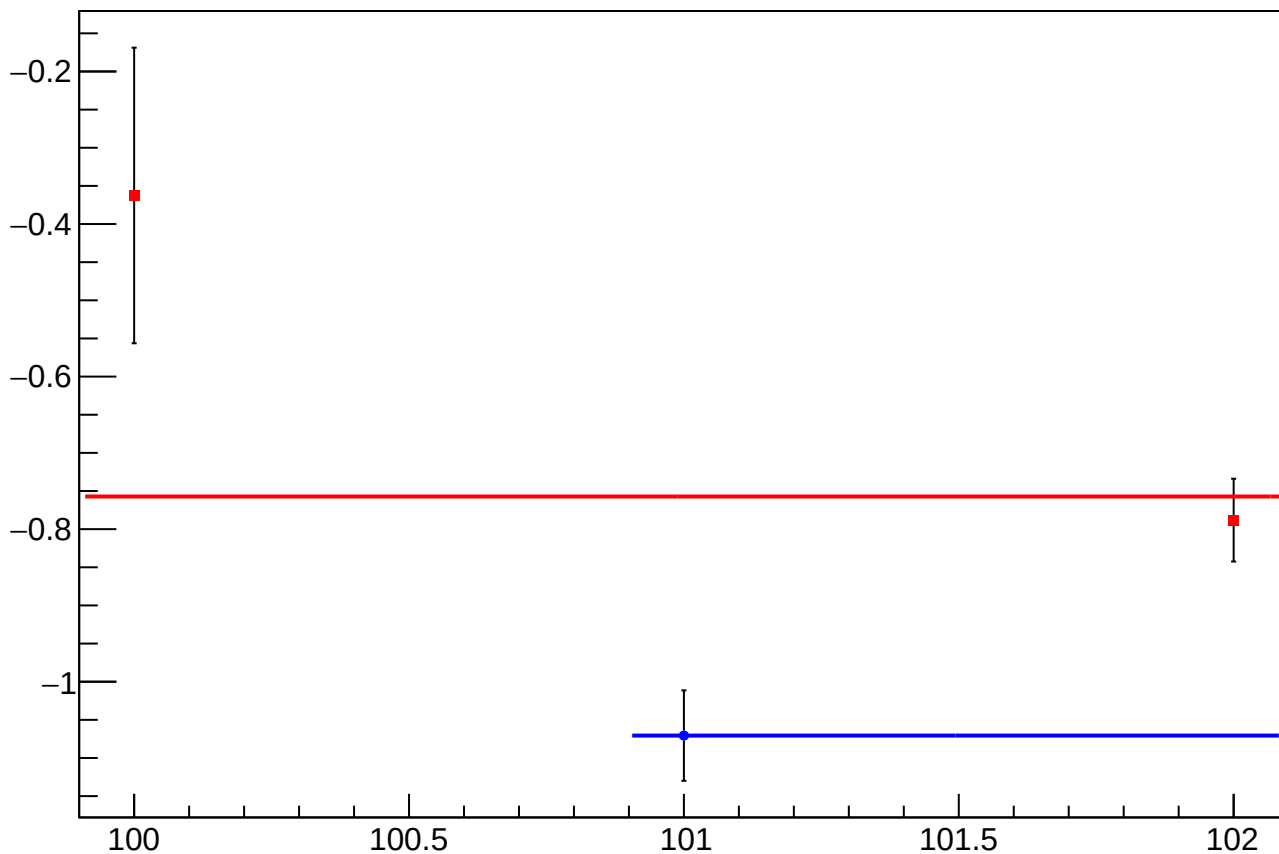
Right: 11.999+/-1.079 χ^2/NDF : 9.1/2

In: 13.435+/-1.332 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.999+/-1.079 χ^2/NDF : 9.1/2

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.071+/-0.059 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.757+/-0.052 χ^2/NDF : 4.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

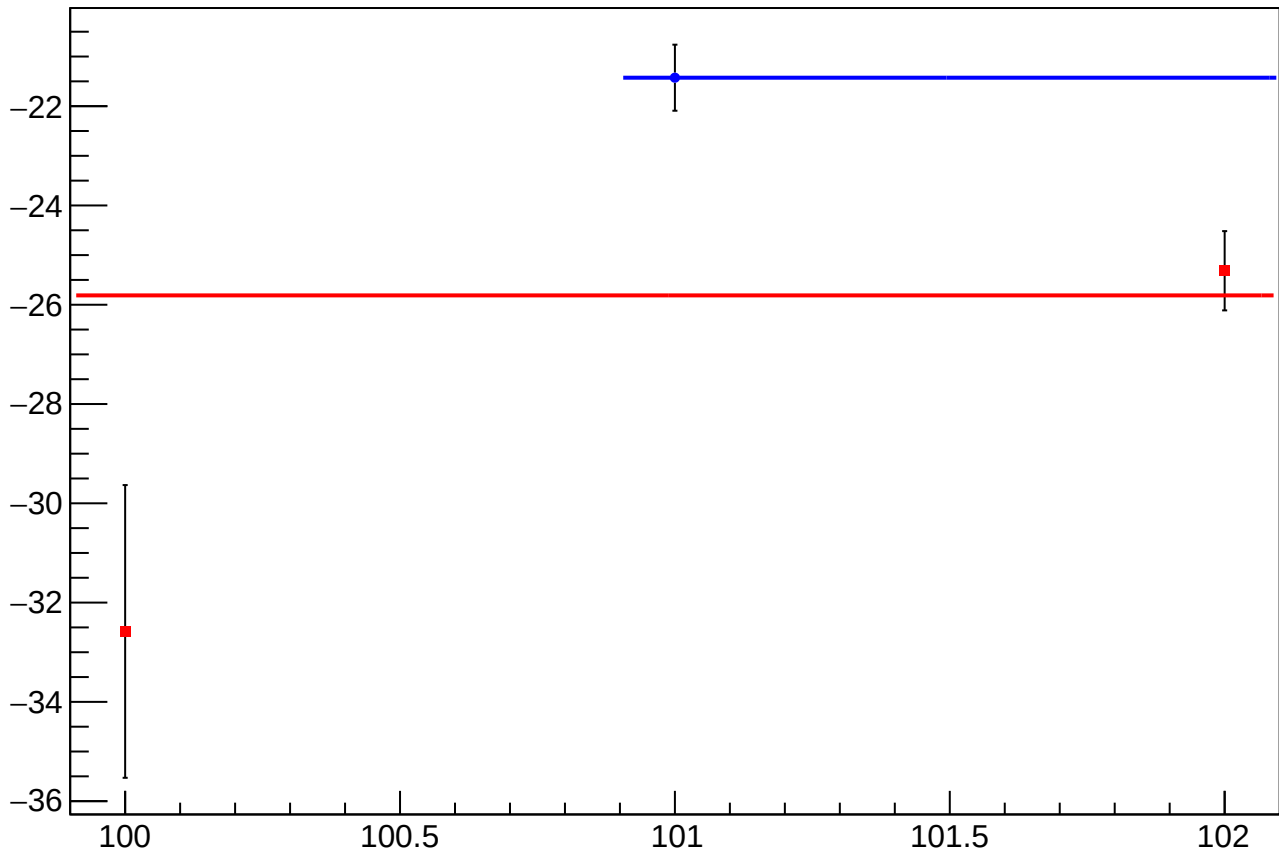
Right: -0.894+/-0.039 χ^2/NDF : 20.2/2

In: -1.071+/-0.059 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.894+/-0.039 χ^2/NDF : 20.2/2

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -21.426 $\pm$ 0.665 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -25.812 $\pm$ 0.771 χ^2 /NDF: 5.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

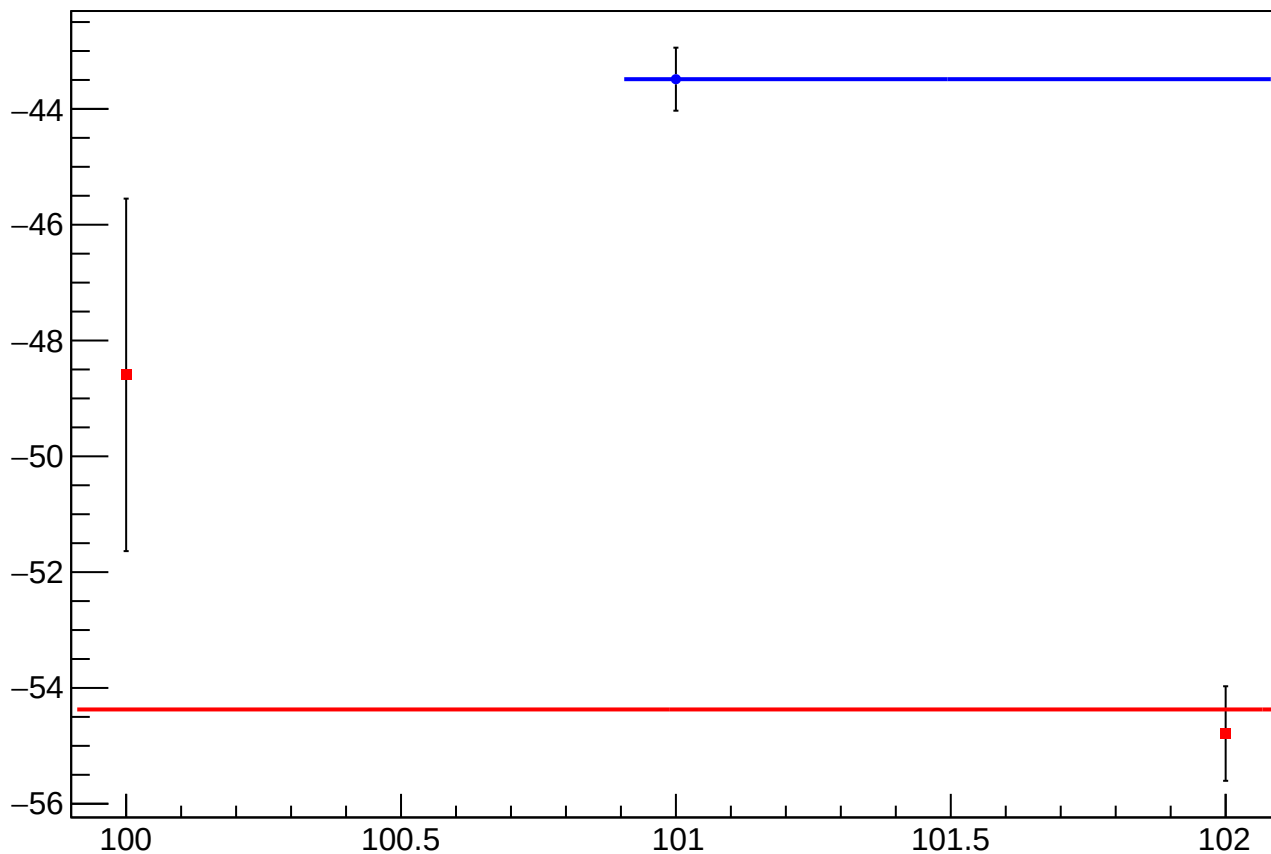
Right: -23.299 $\pm$ 0.504 χ^2 /NDF: 24.2/2

In: -21.426 $\pm$ 0.665 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -23.299 $\pm$ 0.504 χ^2 /NDF: 24.2/2

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -43.487 $\pm$ 0.544 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -54.372 $\pm$ 0.788 χ^2 /NDF: 3.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

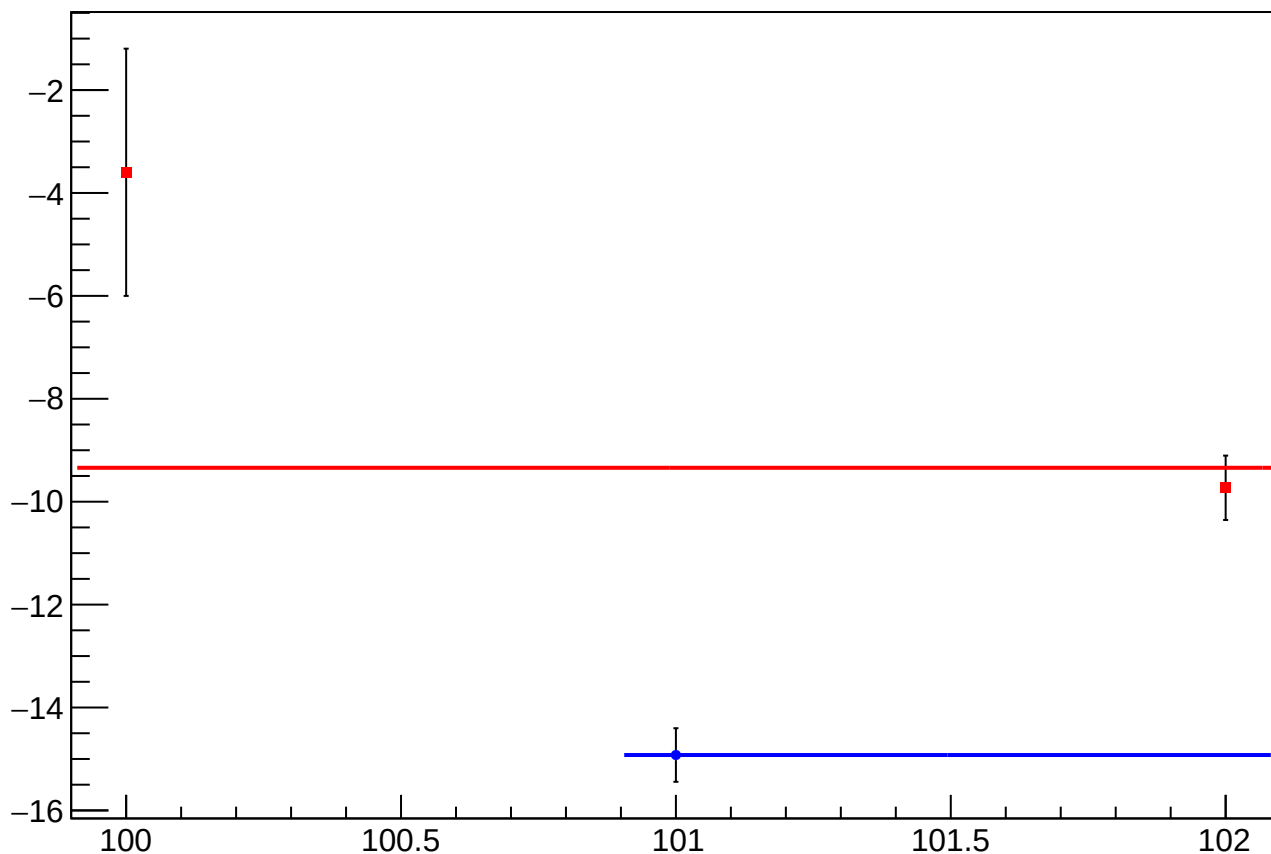
Right: -46.999 $\pm$ 0.448 χ^2 /NDF: 132.9/2

In: -43.487 $\pm$ 0.544 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -46.999 $\pm$ 0.448 χ^2 /NDF: 132.9/2

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -14.923 $\pm$ 0.521 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -9.341 $\pm$ 0.605 χ^2 /NDF: 6.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

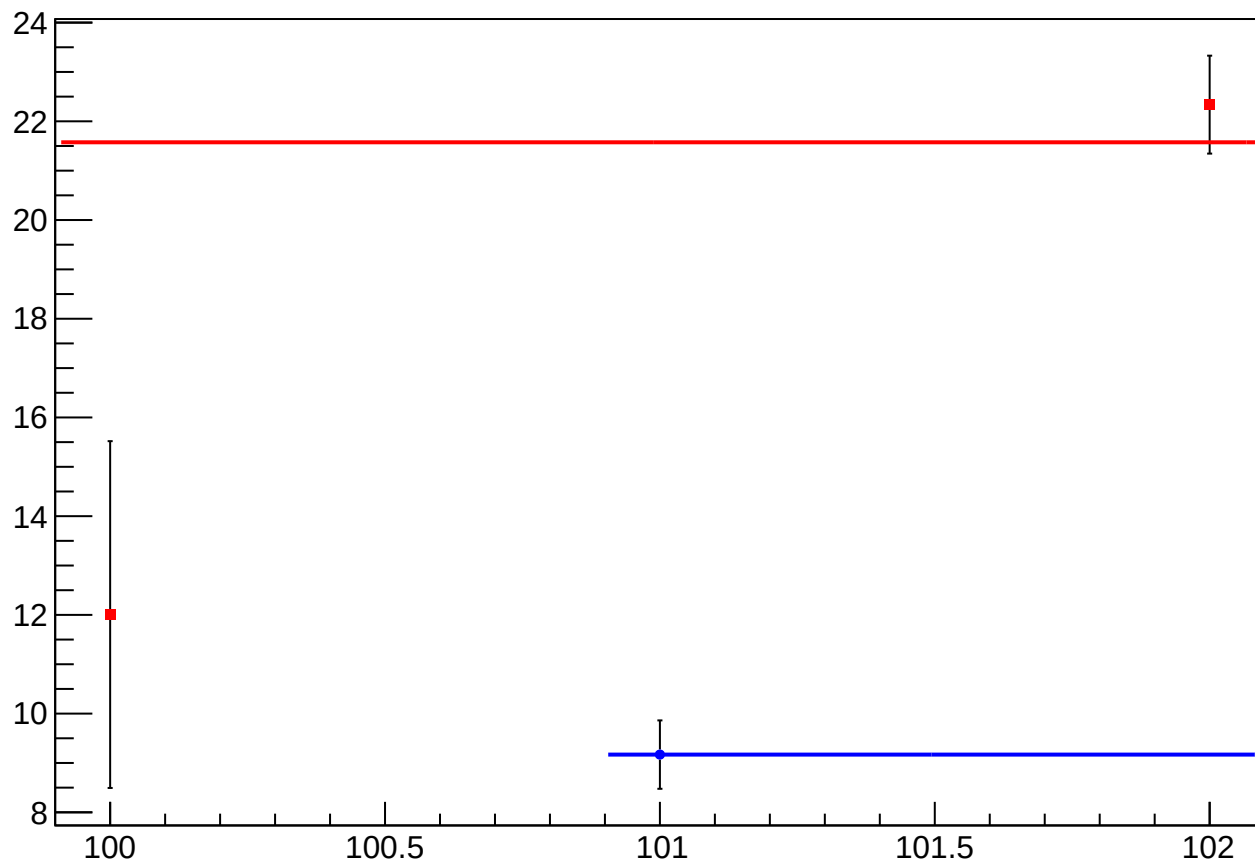
Right: -12.549 $\pm$ 0.395 χ^2 /NDF: 55.0/2

In: -14.923 $\pm$ 0.521 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -12.549 $\pm$ 0.395 χ^2 /NDF: 55.0/2

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.169+/-0.693 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.575+/-0.955 χ^2/NDF : 8.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

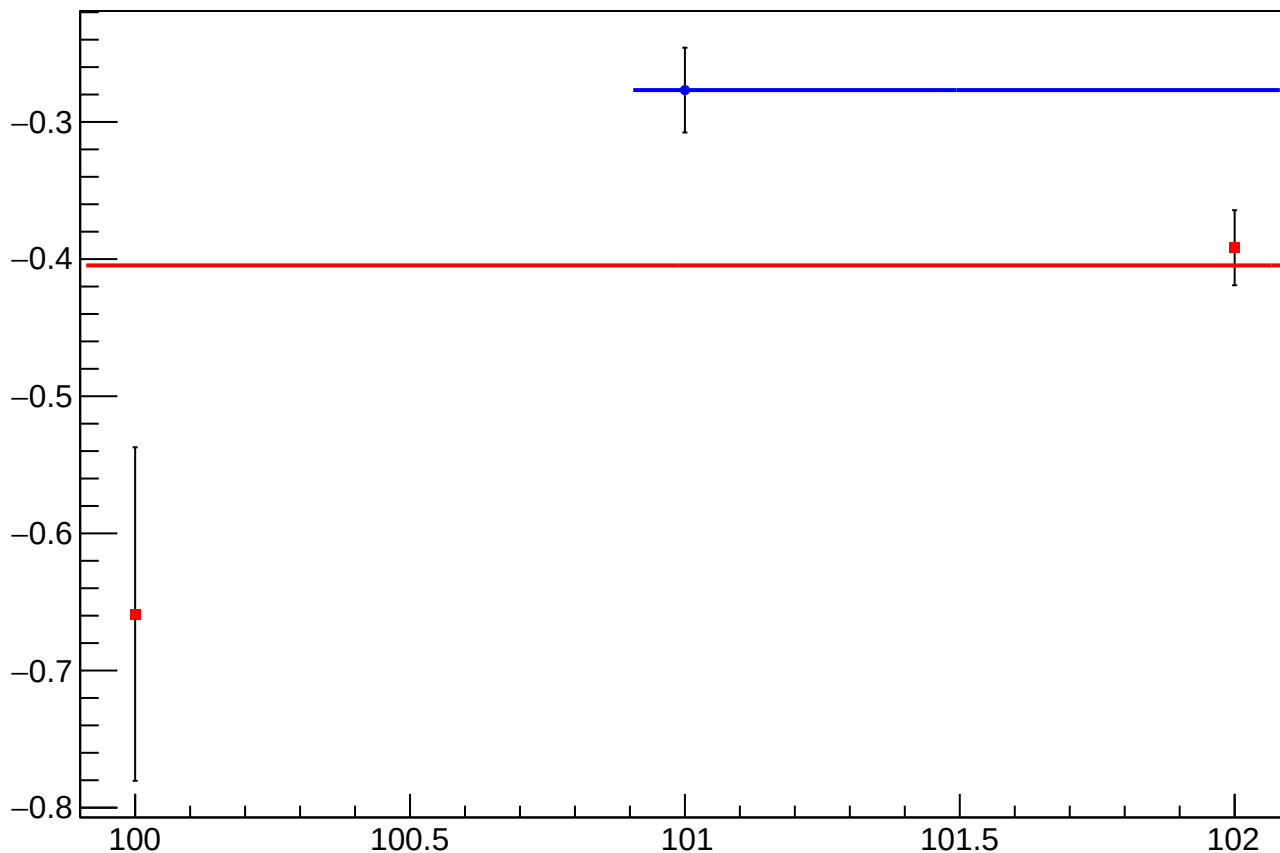
Right: 13.450+/-0.561 χ^2/NDF : 118.6/2

In: 9.169+/-0.693 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.450+/-0.561 χ^2/NDF : 118.6/2

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.277+/-0.031 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.405+/-0.027 χ^2 /NDF: 4.6/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

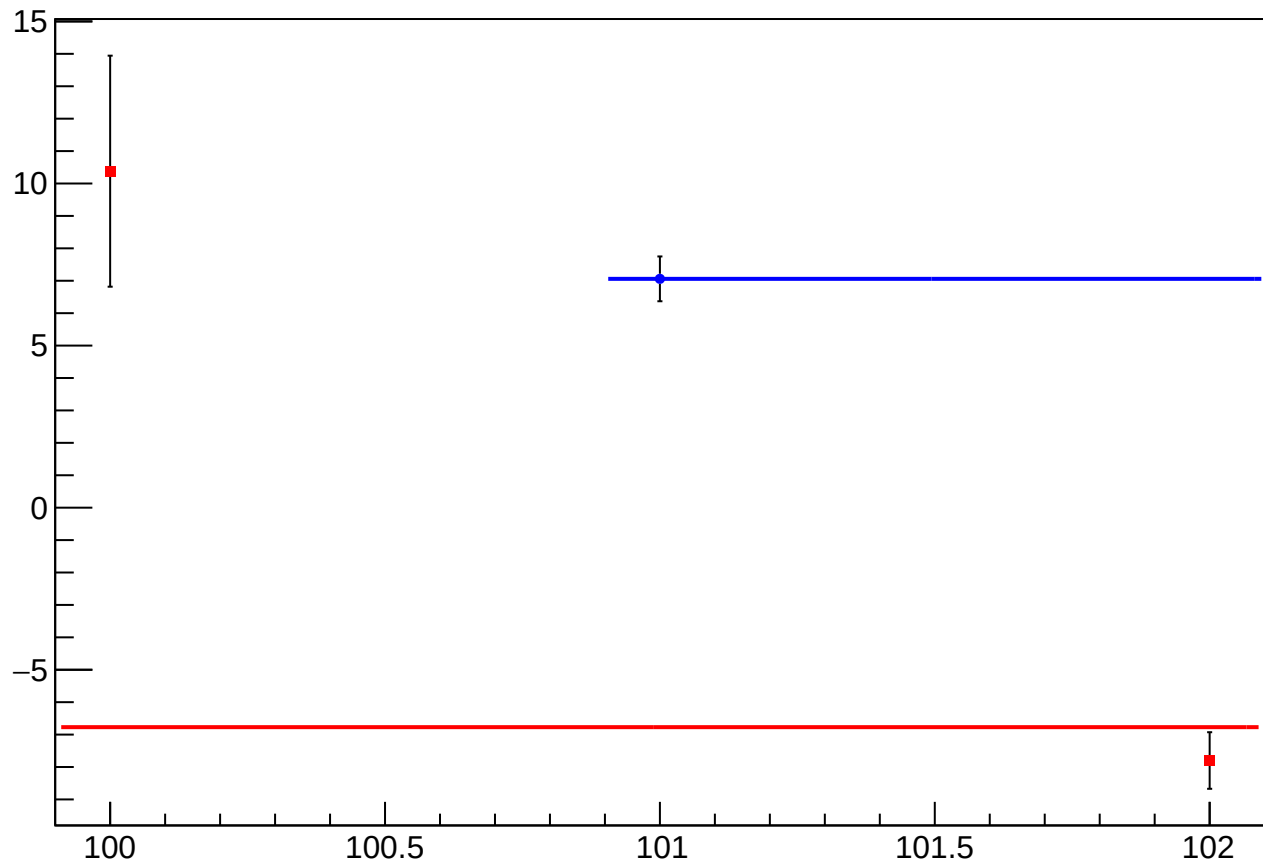
Right: -0.350+/-0.020 χ^2 /NDF: 14.4/2

In: -0.277+/-0.031 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.350+/-0.020 χ^2 /NDF: 14.4/2

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 7.059+/-0.691 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.771+/-0.848 χ^2/NDF : 24.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

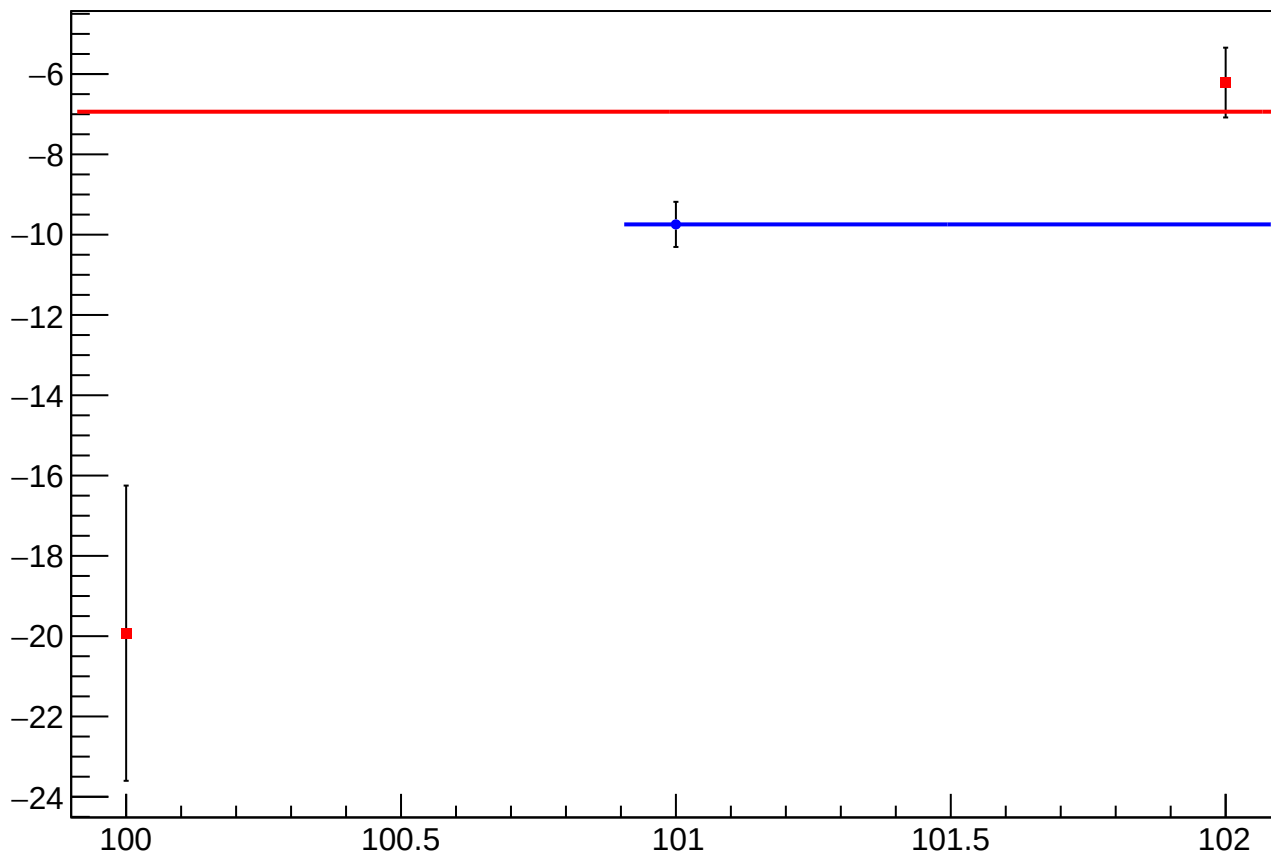
Right: 1.539+/-0.536 χ^2/NDF : 184.5/2

In: 7.059+/-0.691 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.539+/-0.536 χ^2/NDF : 184.5/2

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -9.744±/0.562 χ^2 /NDF: 0.0/0

Left Out: 0.000±/0.000 χ^2 /NDF:0.0/0

Right Out: -6.938±/0.846 χ^2 /NDF: 13.2/1

Left In: 0.000±/0.000 χ^2 /NDF:0.0/0

Left: 0.000±/0.000 χ^2 /NDF: 0.0/0

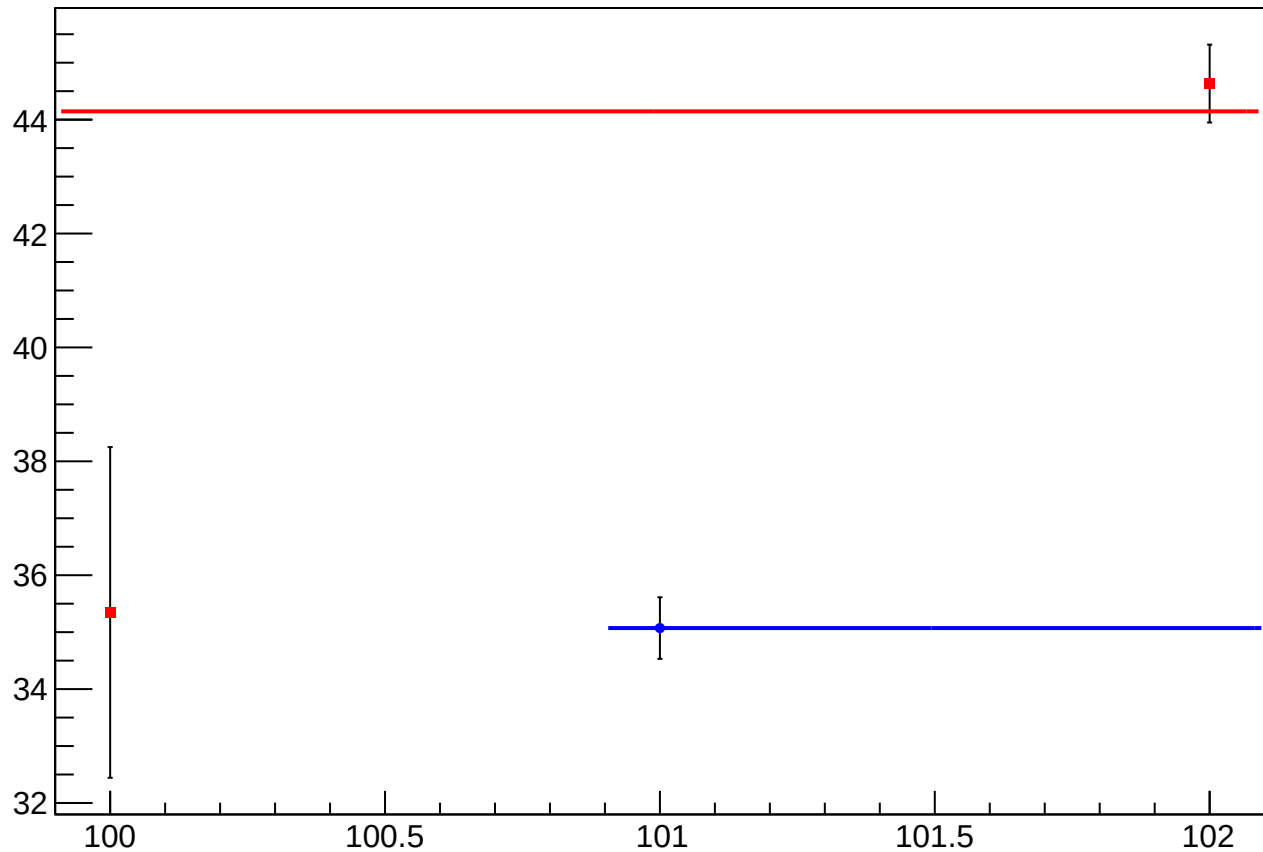
Right: -8.885±/0.468 χ^2 /NDF: 20.8/2

In: -9.744±/0.562 χ^2 /NDF:0.0/0

Out: 0.000±/0.000 χ^2 /NDF:0.0/0

All: -8.885±/0.468 χ^2 /NDF: 20.8/2

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 35.072+/-0.540 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.146+/-0.665 χ^2/NDF : 9.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

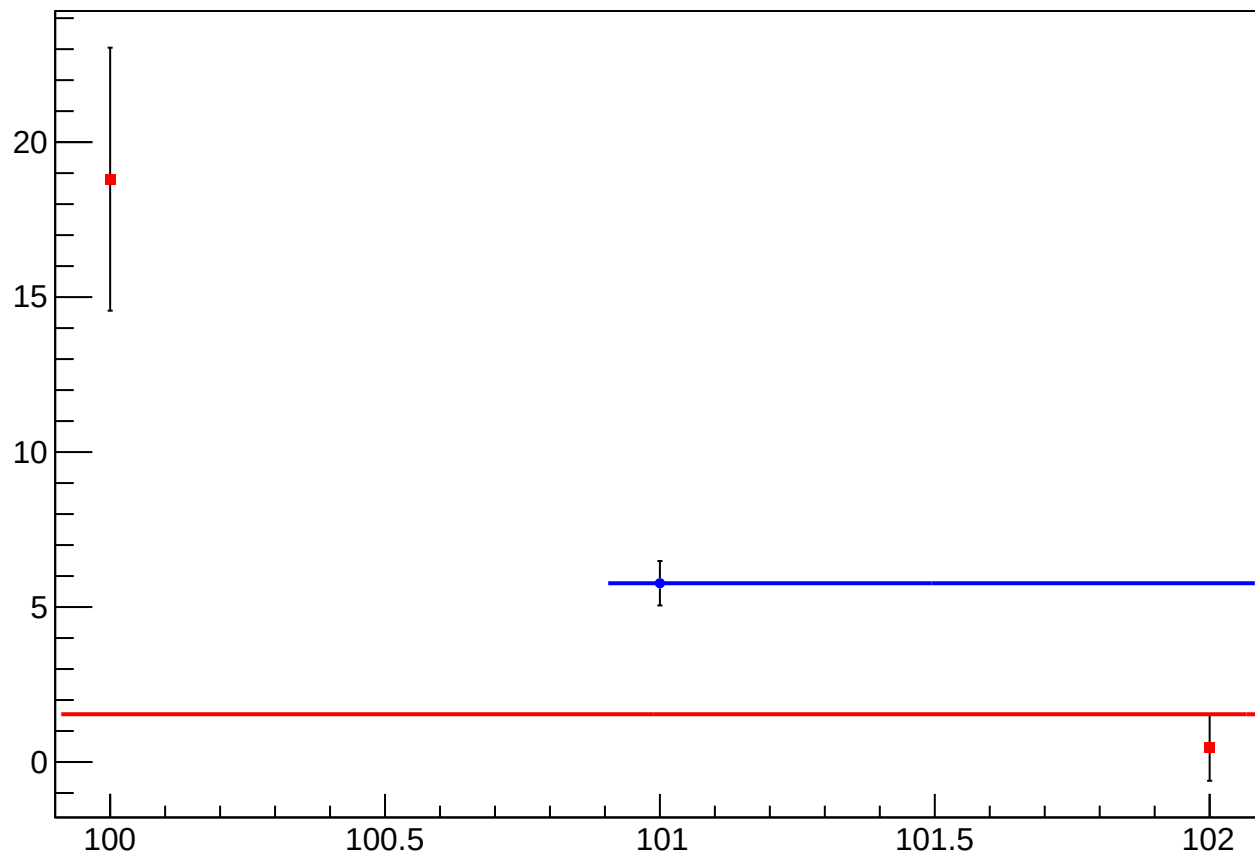
Right: 38.679+/-0.419 χ^2/NDF : 121.7/2

In: 35.072+/-0.540 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.679+/-0.419 χ^2/NDF : 121.7/2

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.768+/-0.717 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.541+/-1.032 χ^2/NDF : 17.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

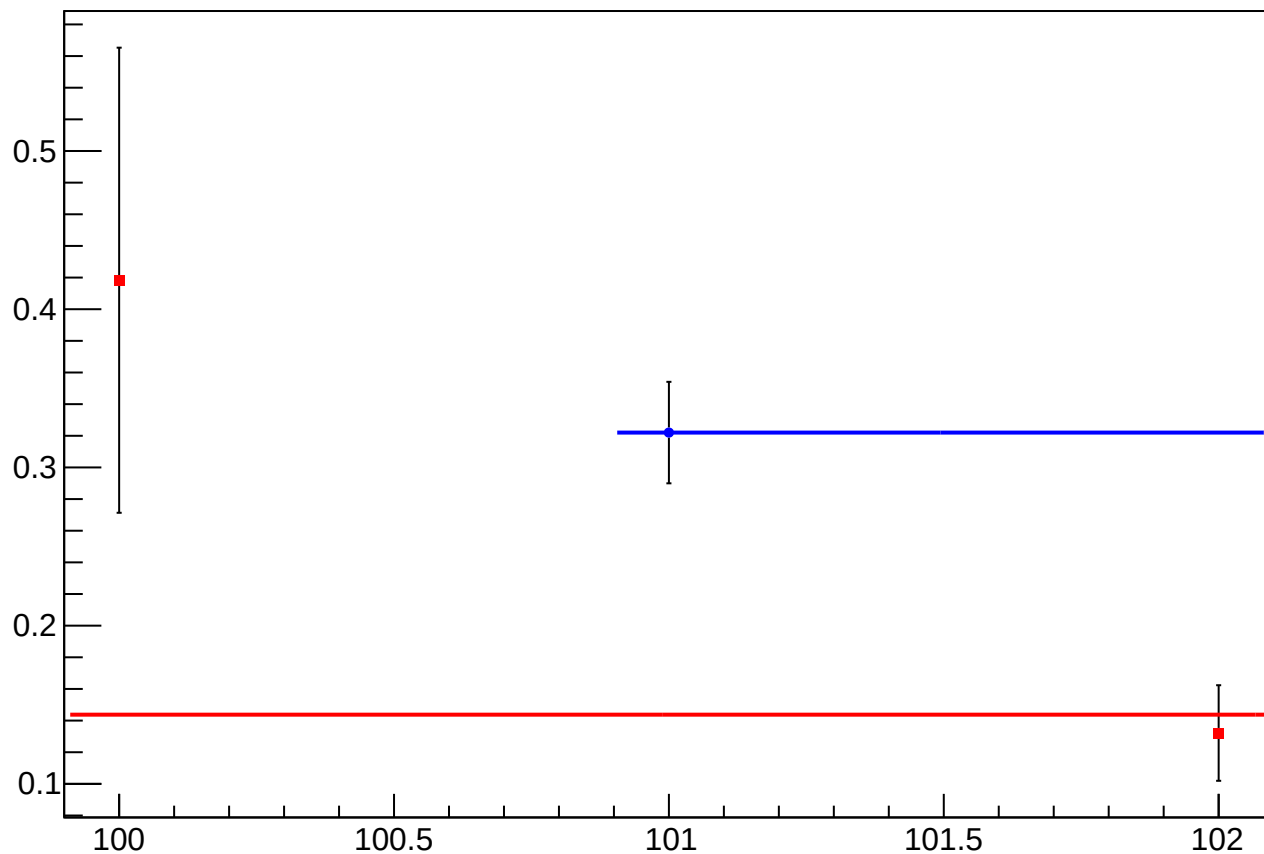
Right: 4.392+/-0.589 χ^2/NDF : 28.9/2

In: 5.768+/-0.717 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.392+/-0.589 χ^2/NDF : 28.9/2

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.322+/-0.032 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.144+/-0.030 χ^2/NDF : 3.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

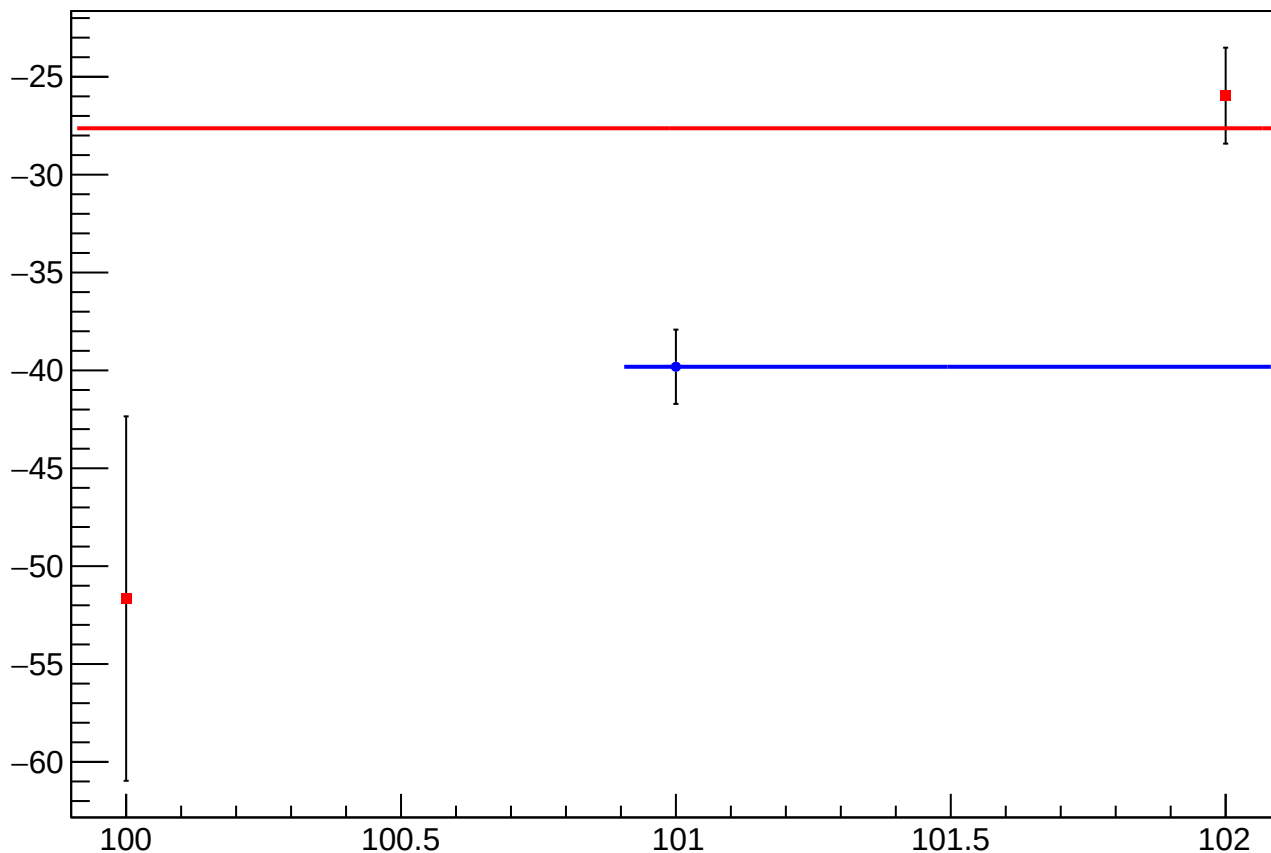
Right: 0.226+/-0.022 χ^2/NDF : 20.3/2

In: 0.322+/-0.032 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.226+/-0.022 χ^2/NDF : 20.3/2

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -39.814 $\pm$ 1.898 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -27.630 $\pm$ 2.371 χ^2 /NDF: 7.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

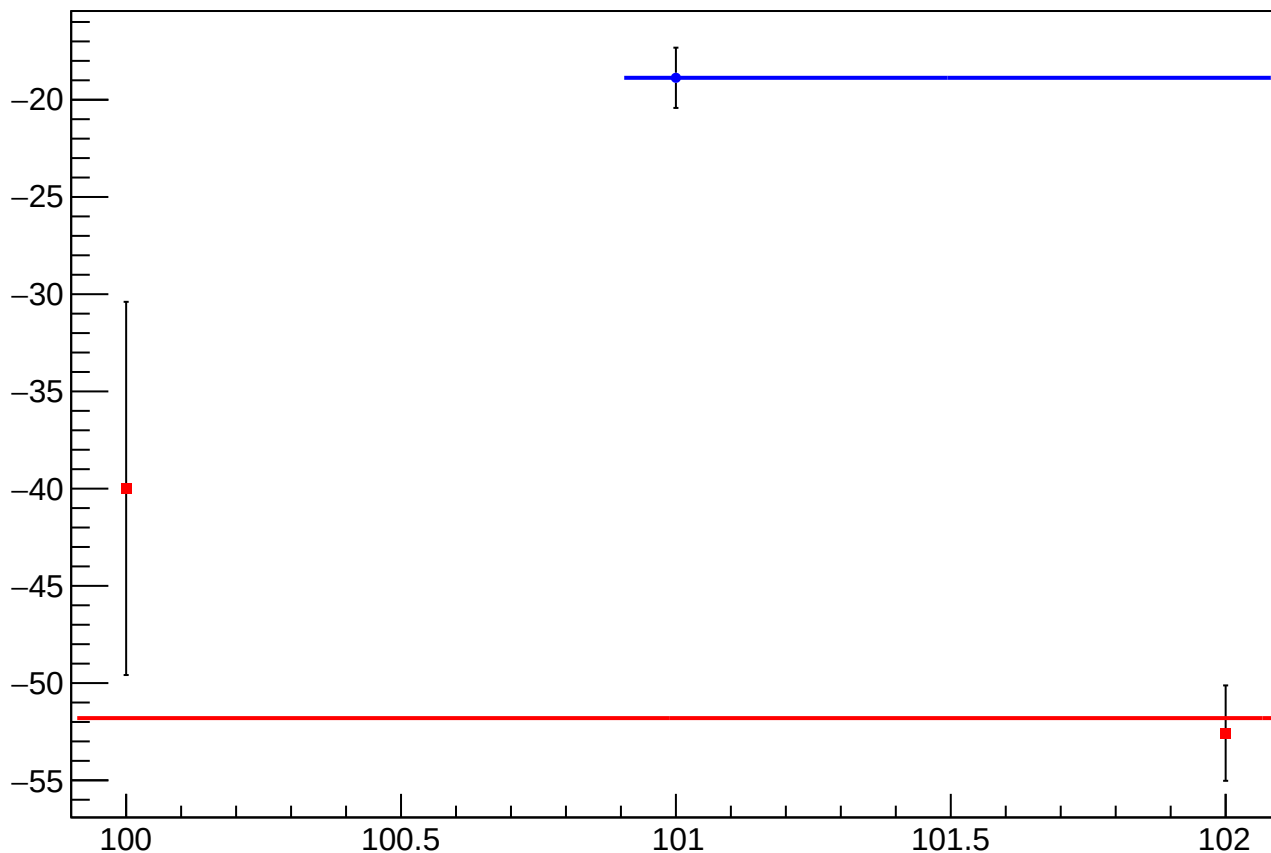
Right: -35.055 $\pm$ 1.482 χ^2 /NDF: 23.2/2

In: -39.814 $\pm$ 1.898 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -35.055 $\pm$ 1.482 χ^2 /NDF: 23.2/2

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -18.871+/-1.550 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -51.801+/-2.376 χ^2/NDF : 1.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

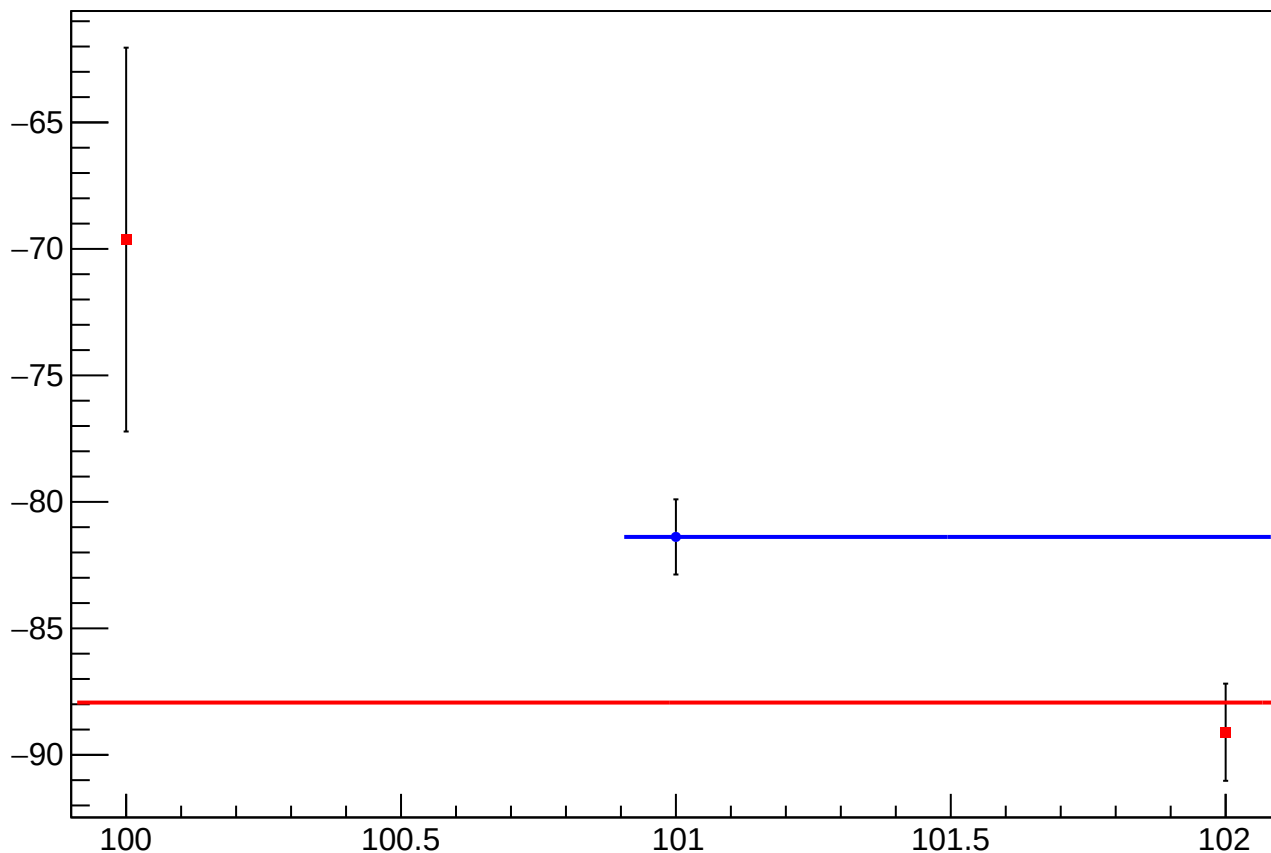
Right: -28.697+/-1.298 χ^2/NDF : 136.3/2

In: -18.871+/-1.550 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.697+/-1.298 χ^2/NDF : 136.3/2

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -81.385±1.486 χ^2/NDF : 0.0/0

Left Out: 0.000±0.000 χ^2/NDF : 0.0/0

Right Out: -87.933±1.861 χ^2/NDF : 6.2/1

Left In: 0.000±0.000 χ^2/NDF : 0.0/0

Left: 0.000±0.000 χ^2/NDF : 0.0/0

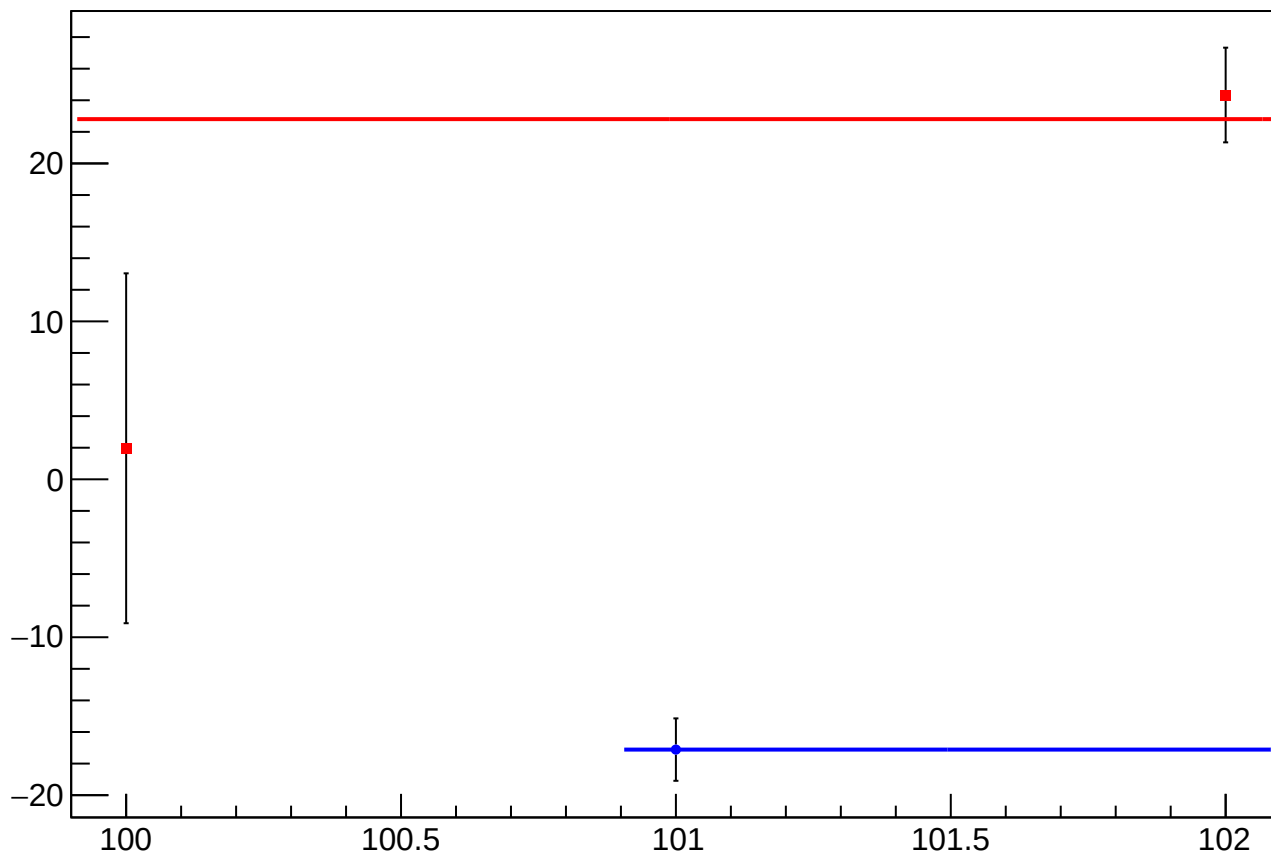
Right: -83.933±1.161 χ^2/NDF : 13.7/2

In: -81.385±1.486 χ^2/NDF : 0.0/0

Out: 0.000±0.000 χ^2/NDF : 0.0/0

All: -83.933±1.161 χ^2/NDF : 13.7/2

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -17.114 $\pm$ 1.976 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.806 $\pm$ 2.894 χ^2 /NDF: 3.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

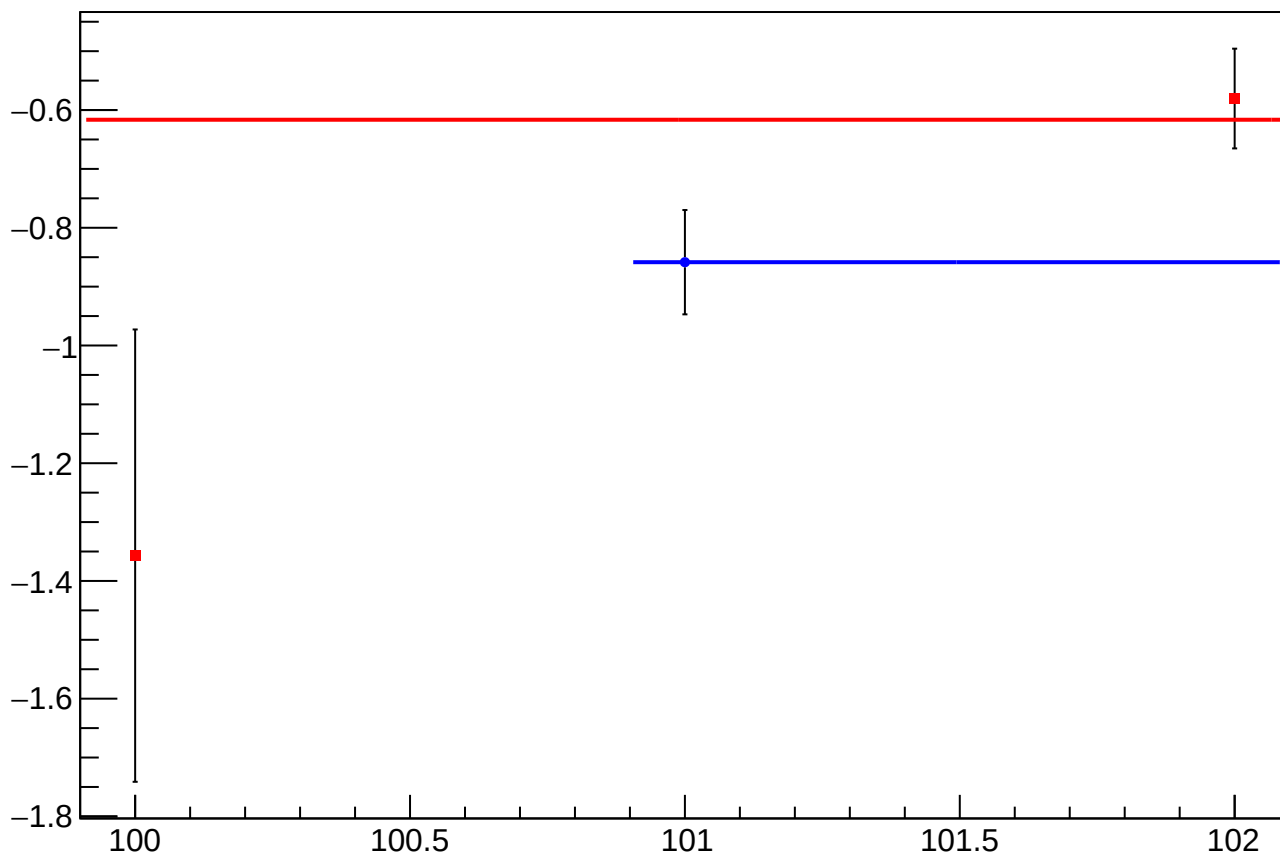
Right: -4.421 $\pm$ 1.632 χ^2 /NDF: 133.6/2

In: -17.114 $\pm$ 1.976 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -4.421 $\pm$ 1.632 χ^2 /NDF: 133.6/2

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.858 $\pm$ 0.089 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.616 $\pm$ 0.083 χ^2 /NDF: 3.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

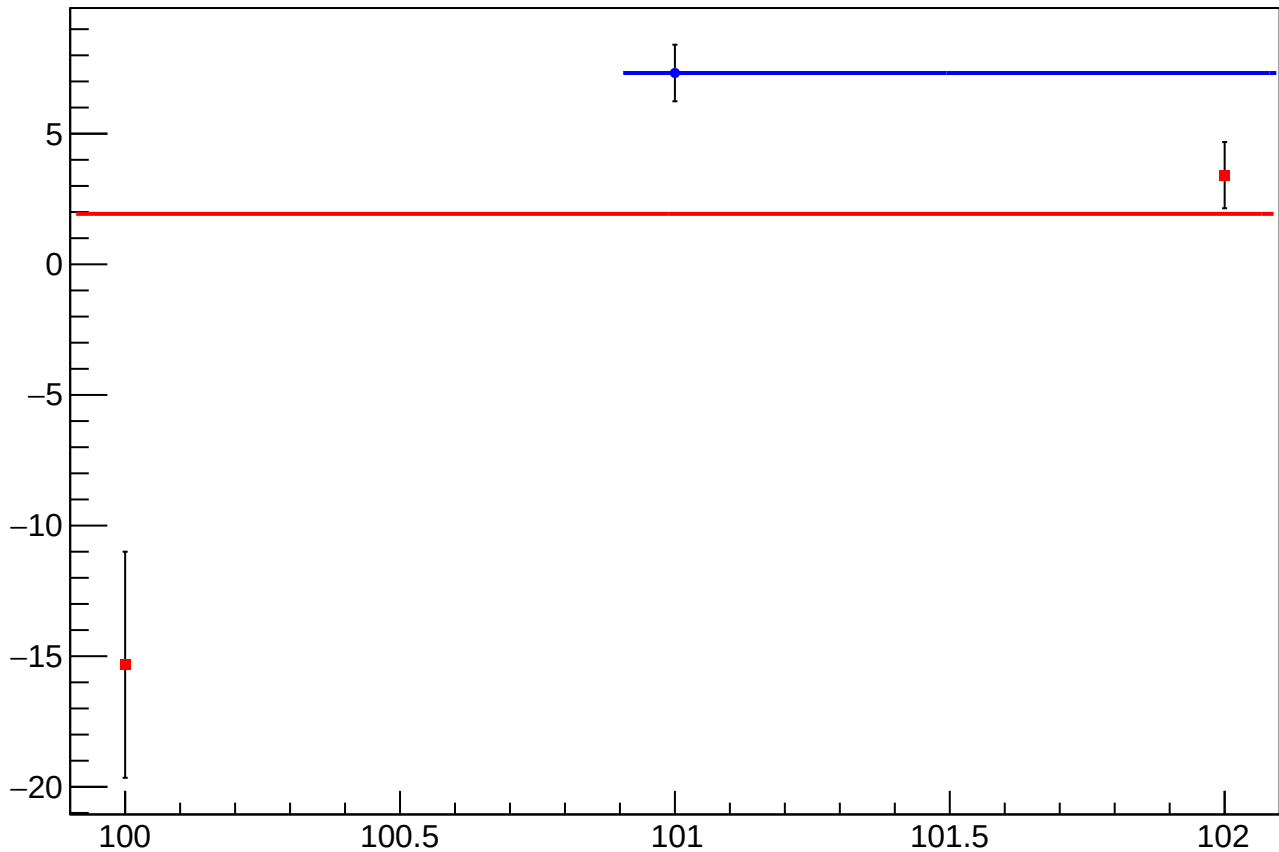
Right: -0.729 $\pm$ 0.060 χ^2 /NDF: 7.9/2

In: -0.858 $\pm$ 0.089 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.729 $\pm$ 0.060 χ^2 /NDF: 7.9/2

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 7.323+/-1.084 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.932+/-1.216 χ^2/NDF : 17.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

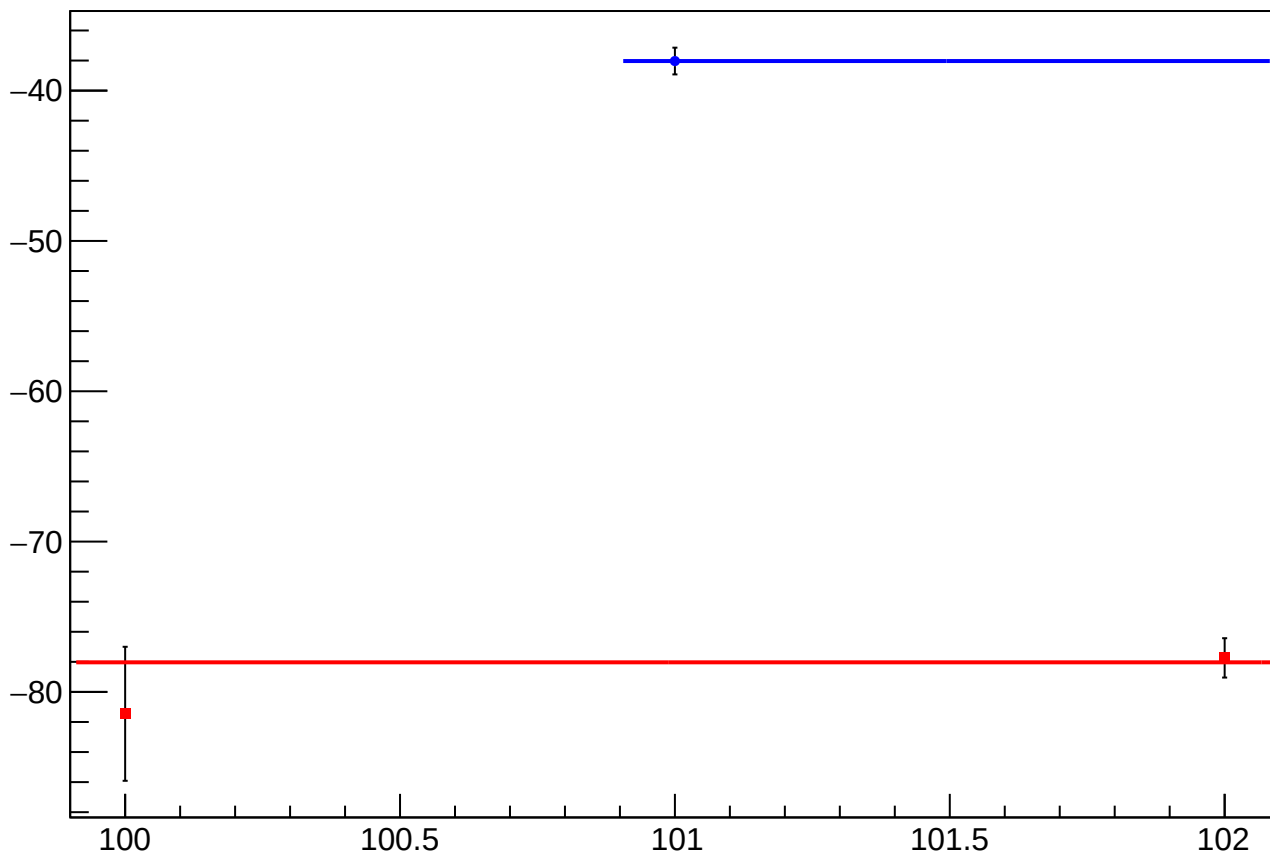
Right: 4.937+/-0.809 χ^2/NDF : 28.2/2

In: 7.323+/-1.084 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.937+/-0.809 χ^2/NDF : 28.2/2

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.033 $\pm$ 0.889 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -78.032 $\pm$ 1.256 χ^2/NDF : 0.6/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

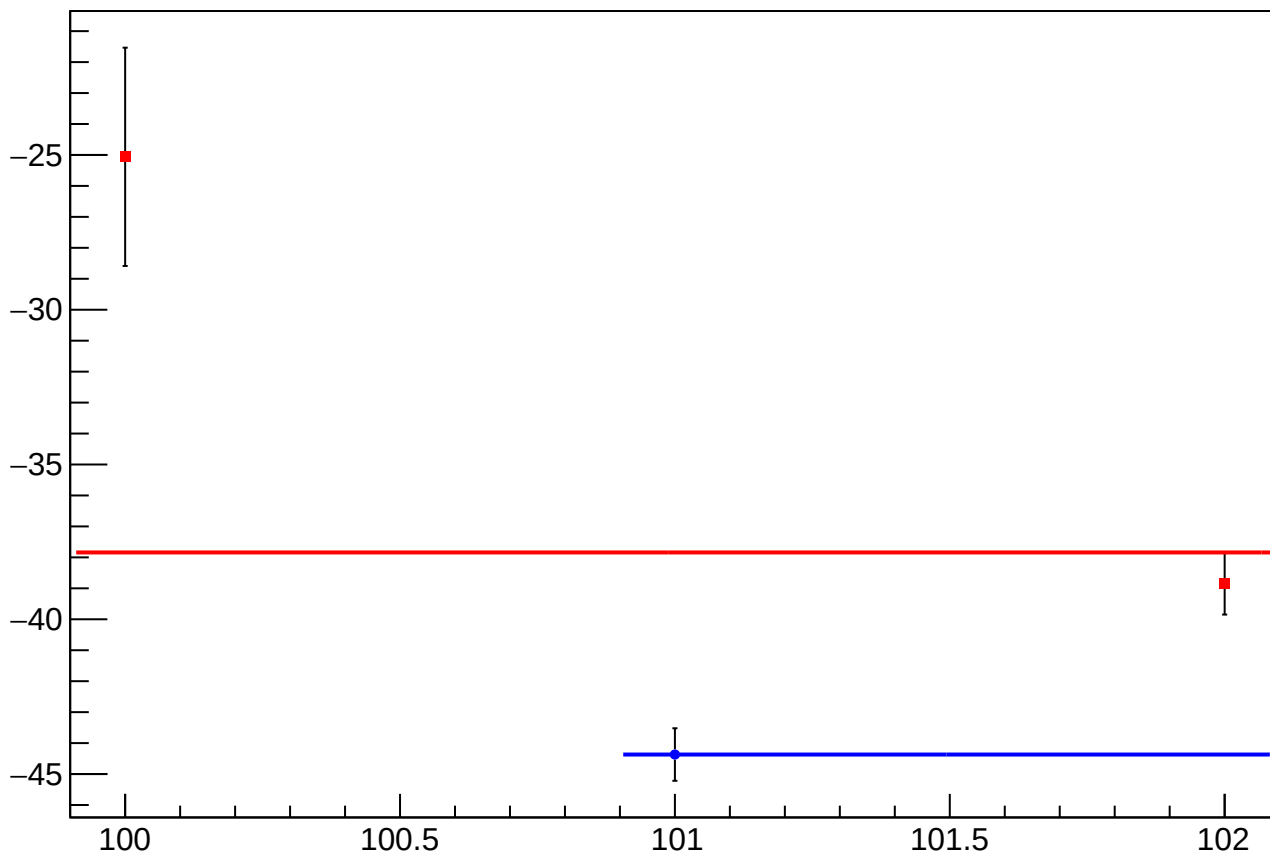
Right: -51.392 $\pm$ 0.726 χ^2/NDF : 676.1/2

In: -38.033 $\pm$ 0.889 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -51.392 $\pm$ 0.726 χ^2/NDF : 676.1/2

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.370 +/- 0.848 χ^2/NDF : 0.0/0

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -37.841 +/- 0.956 χ^2/NDF : 14.2/1

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

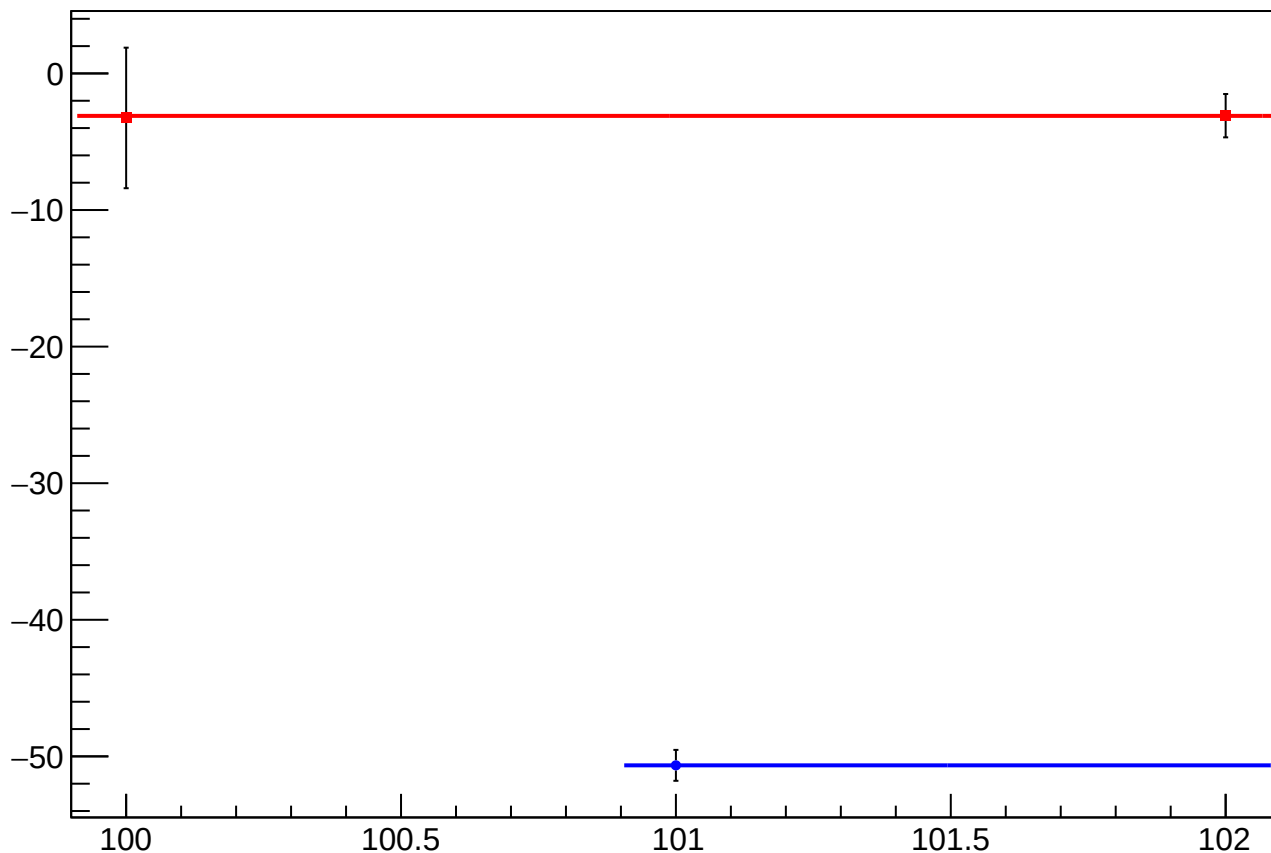
Right: -41.493 +/- 0.635 χ^2/NDF : 40.3/2

In: -44.370 +/- 0.848 χ^2/NDF : 0.0/0

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -41.493 +/- 0.635 χ^2/NDF : 40.3/2

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -50.657+/-1.131 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.108+/-1.516 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

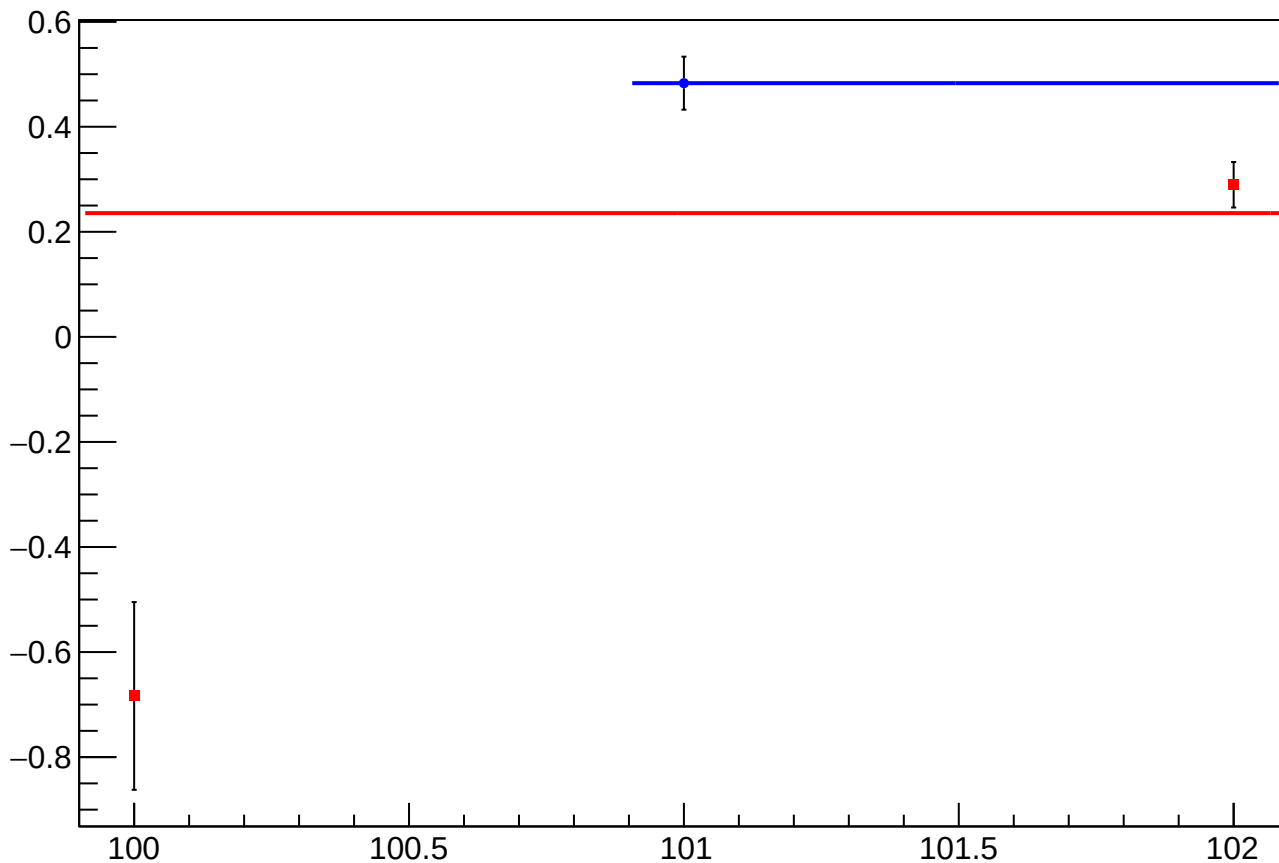
Right: -33.651+/-0.907 χ^2/NDF : 631.8/2

In: -50.657+/-1.131 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.651+/-0.907 χ^2/NDF : 631.8/2

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.483+/-0.050 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.236+/-0.042 χ^2/NDF : 28.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

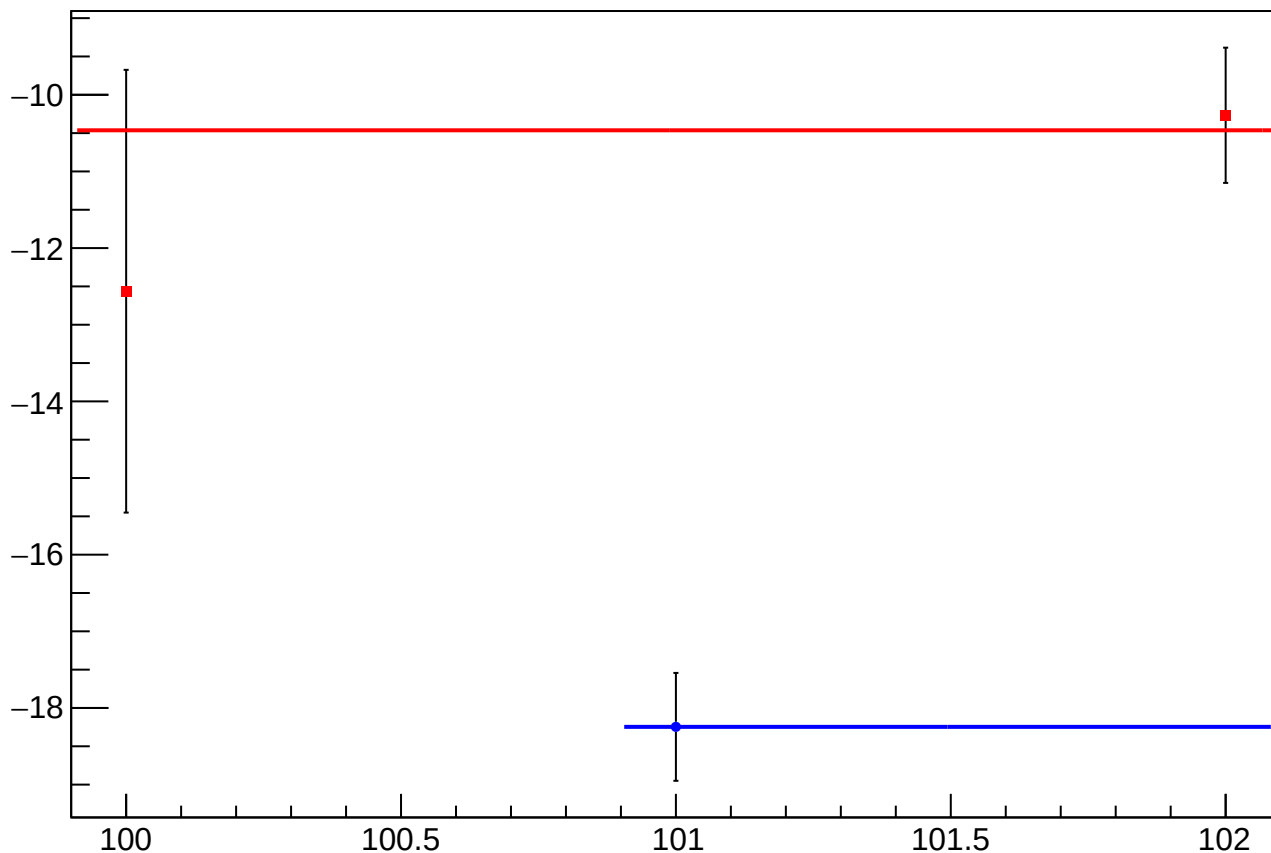
Right: 0.337+/-0.032 χ^2/NDF : 42.2/2

In: 0.483+/-0.050 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.337+/-0.032 χ^2/NDF : 42.2/2

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -18.247 $\pm$ 0.704 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -10.463 $\pm$ 0.844 χ^2 /NDF: 0.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

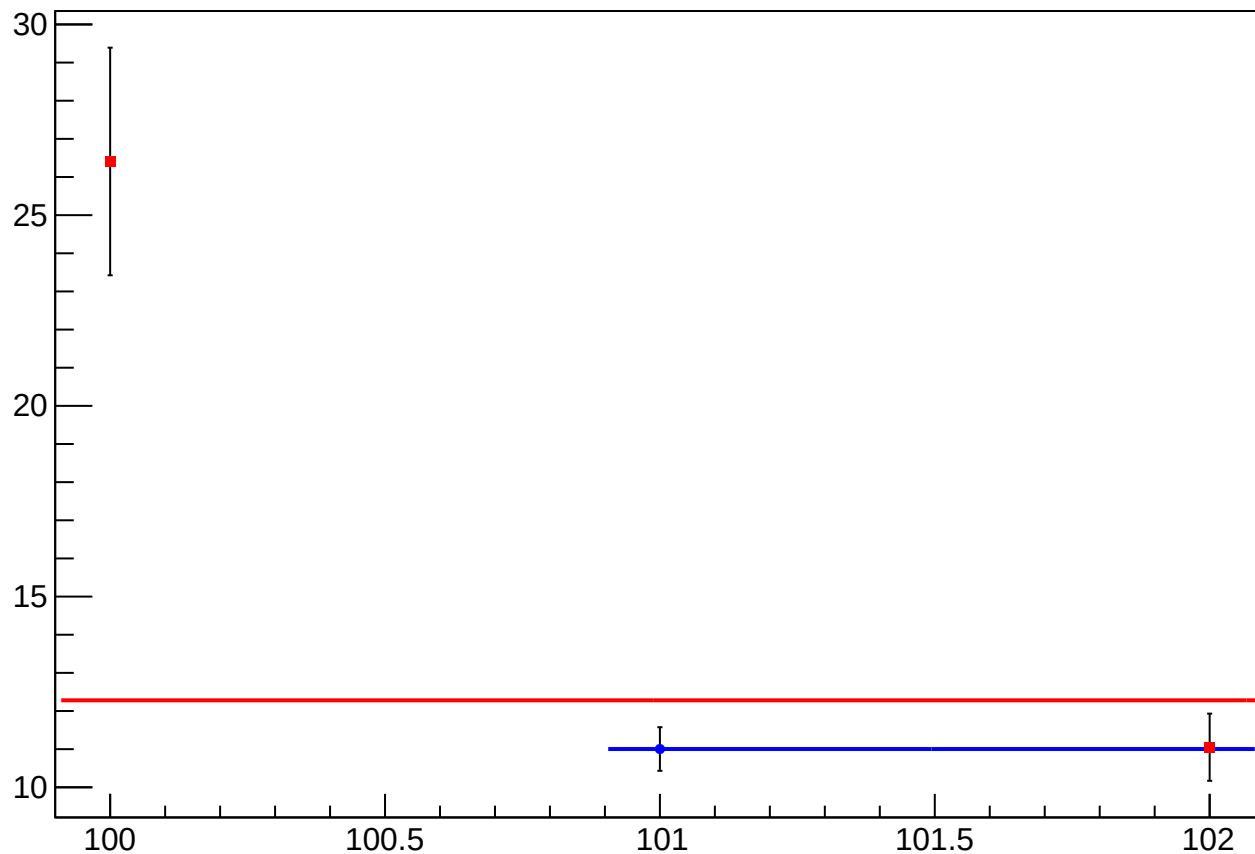
Right: -15.053 $\pm$ 0.540 χ^2 /NDF: 50.8/2

In: -18.247 $\pm$ 0.704 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -15.053 $\pm$ 0.540 χ^2 /NDF: 50.8/2

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.004+/-0.572 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.281+/-0.844 χ^2/NDF : 24.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

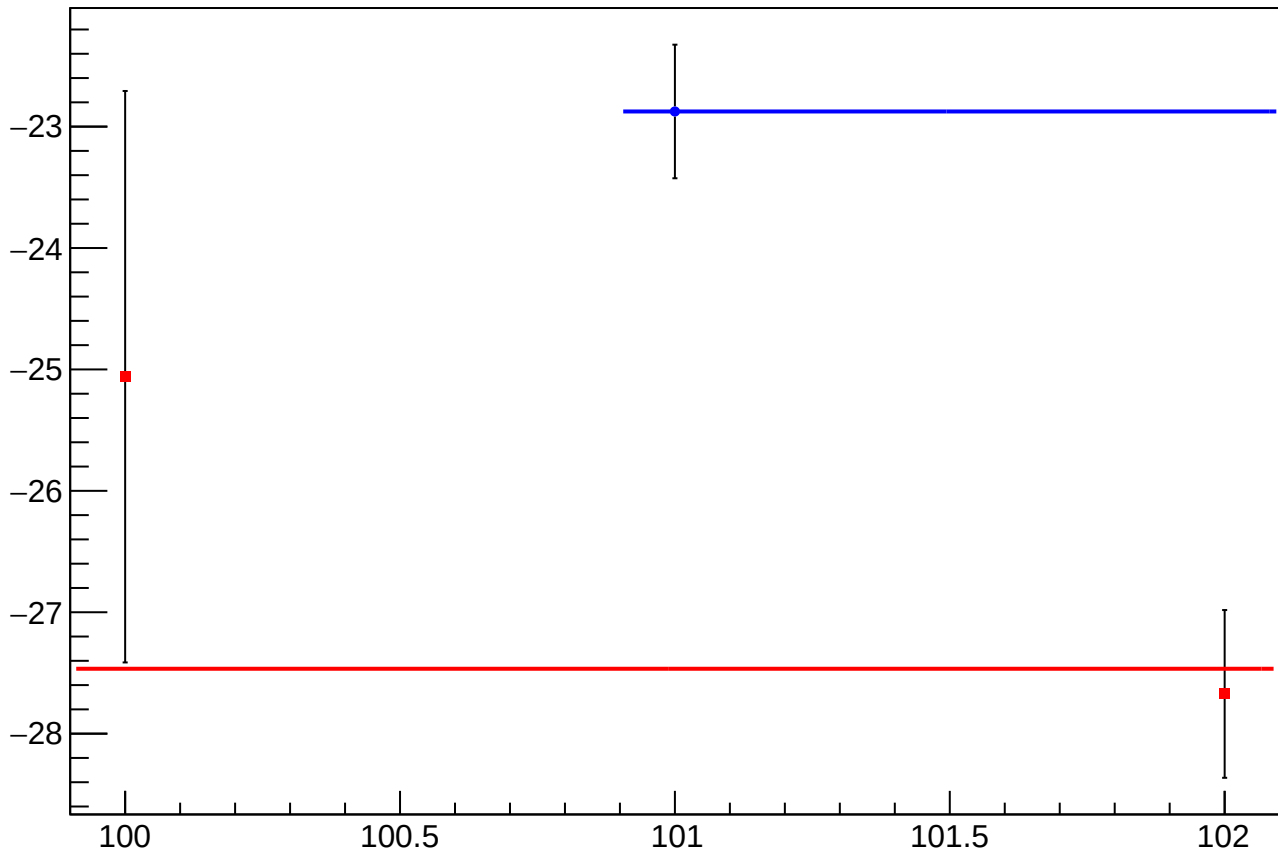
Right: 11.405+/-0.473 χ^2/NDF : 25.9/2

In: 11.004+/-0.572 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.405+/-0.473 χ^2/NDF : 25.9/2

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -22.875 ± 0.550 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -27.465 ± 0.663 $\chi^2/\text{NDF}: 1.1/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

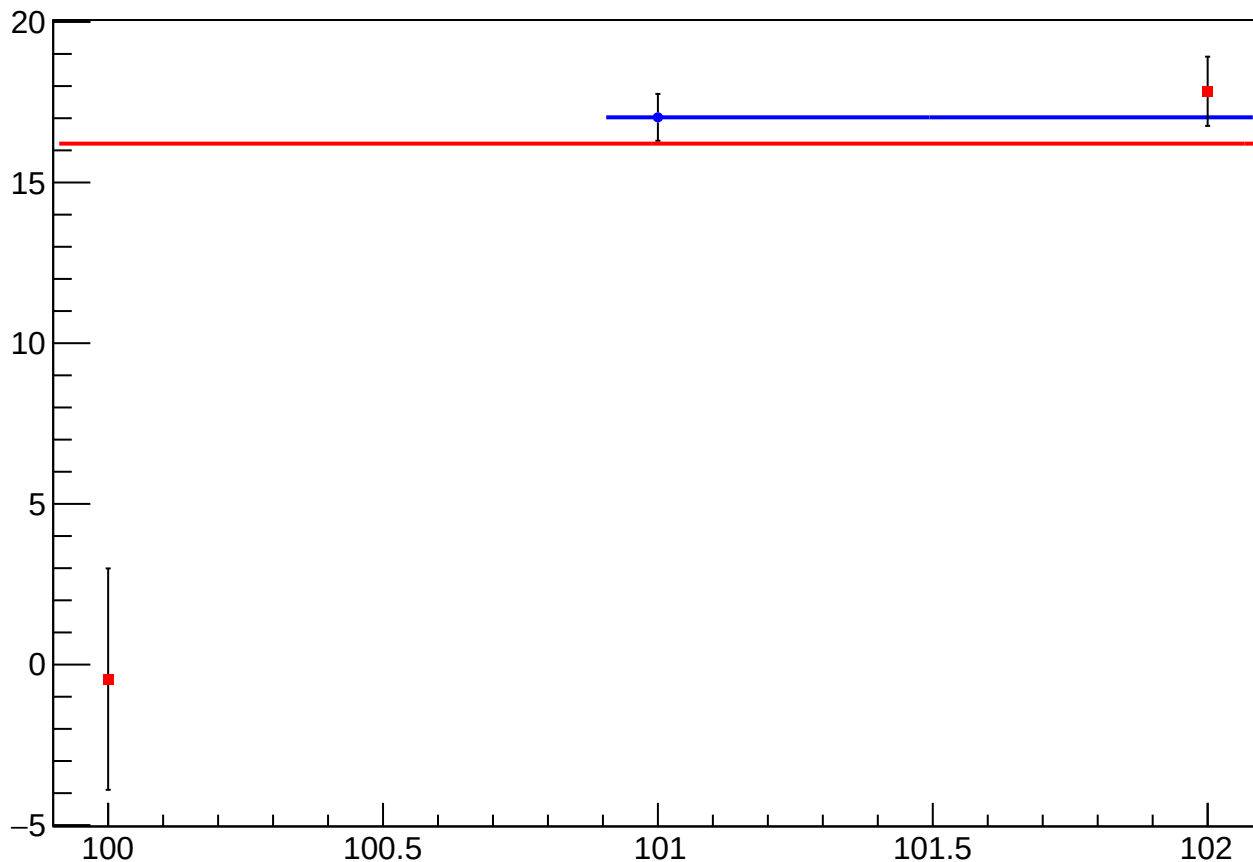
Right: -24.748 ± 0.423 $\chi^2/\text{NDF}: 29.5/2$

In: -22.875 ± 0.550 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -24.748 ± 0.423 $\chi^2/\text{NDF}: 29.5/2$

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 17.028 $\pm$ 0.729 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.209 $\pm$ 1.028 χ^2 /NDF: 25.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

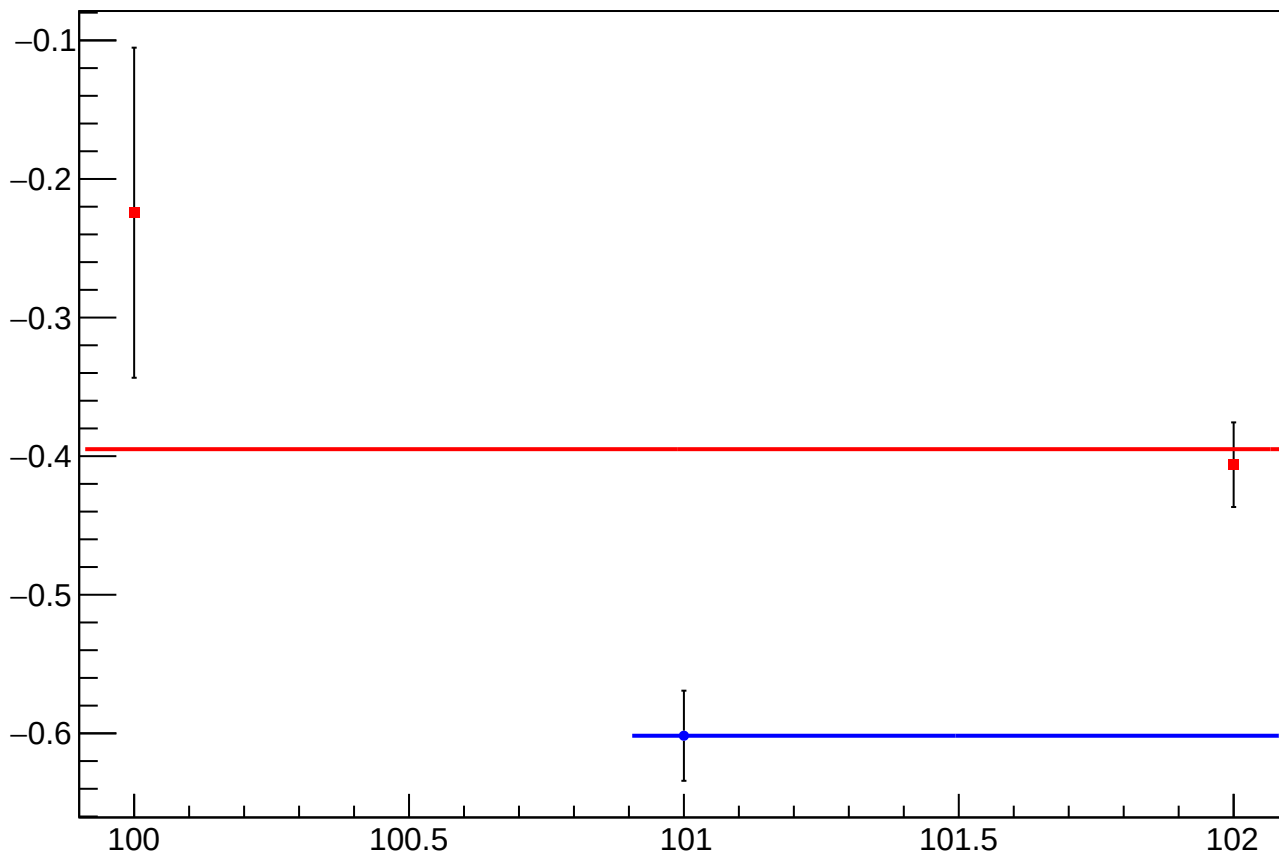
Right: 16.754 $\pm$ 0.594 χ^2 /NDF: 26.1/2

In: 17.028 $\pm$ 0.729 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.754 $\pm$ 0.594 χ^2 /NDF: 26.1/2

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.602+/-0.033 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.395+/-0.030 χ^2/NDF : 2.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

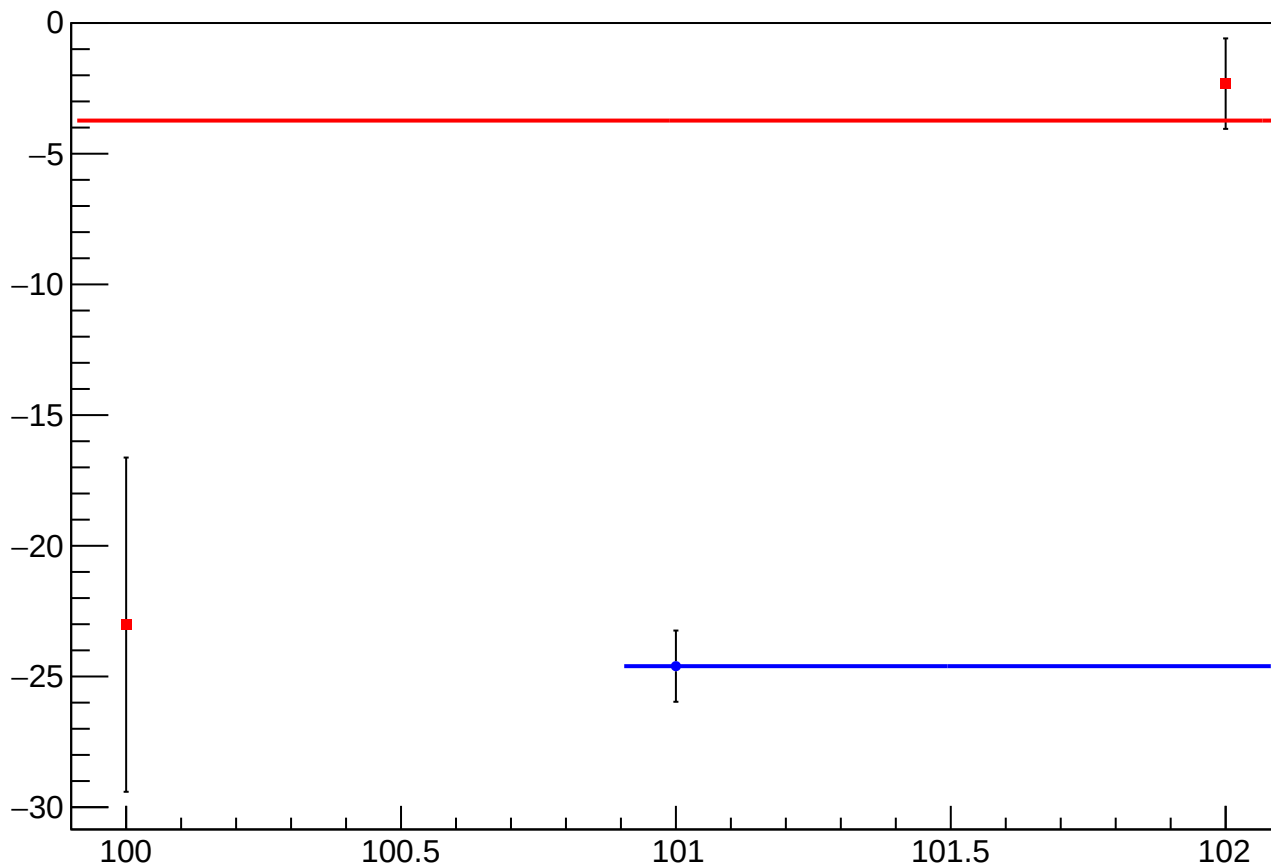
Right: -0.489+/-0.022 χ^2/NDF : 24.3/2

In: -0.602+/-0.033 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.489+/-0.022 χ^2/NDF : 24.3/2

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -24.605 $\pm$ 1.362 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.732 $\pm$ 1.670 χ^2 /NDF: 9.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

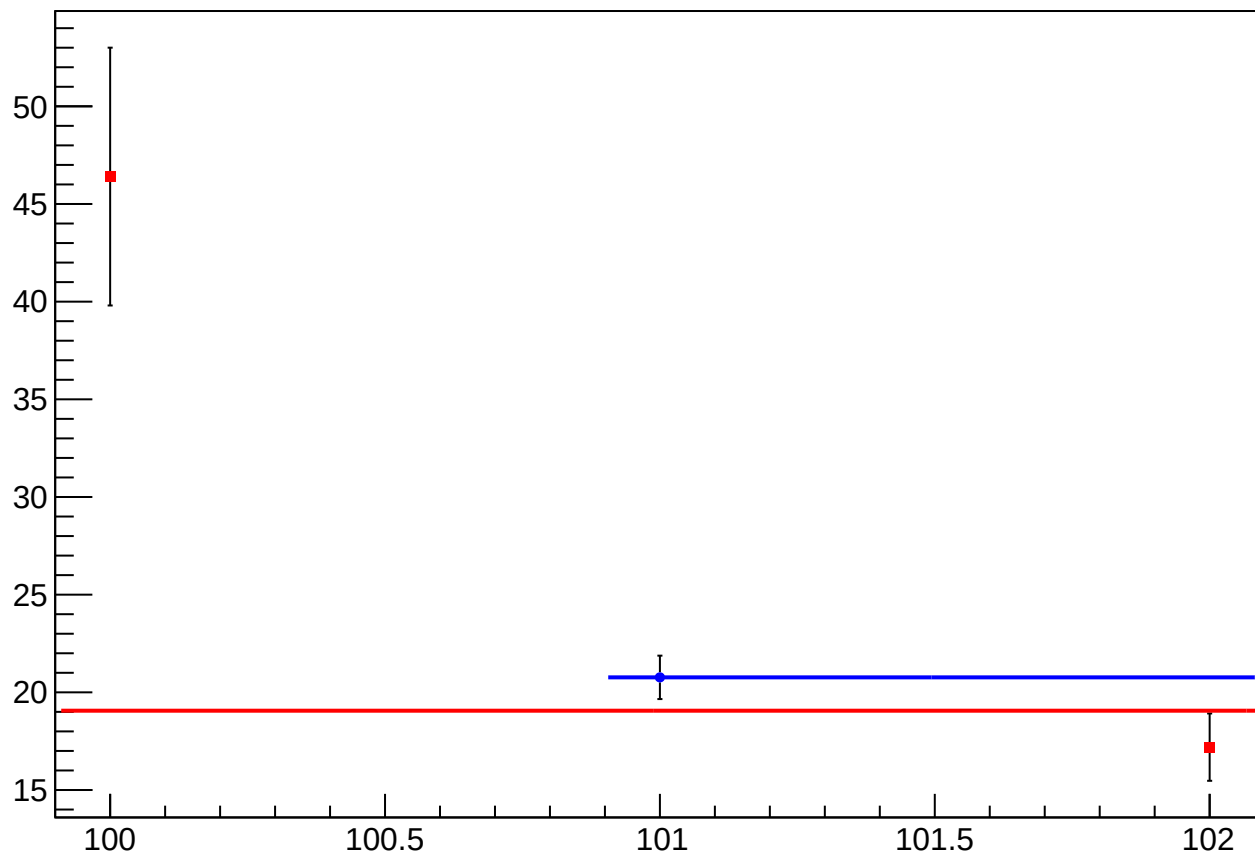
Right: -16.266 $\pm$ 1.056 χ^2 /NDF: 103.5/2

In: -24.605 $\pm$ 1.362 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -16.266 $\pm$ 1.056 χ^2 /NDF: 103.5/2

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 20.766 $\pm$ 1.111 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 19.060 $\pm$ 1.668 χ^2 /NDF: 18.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

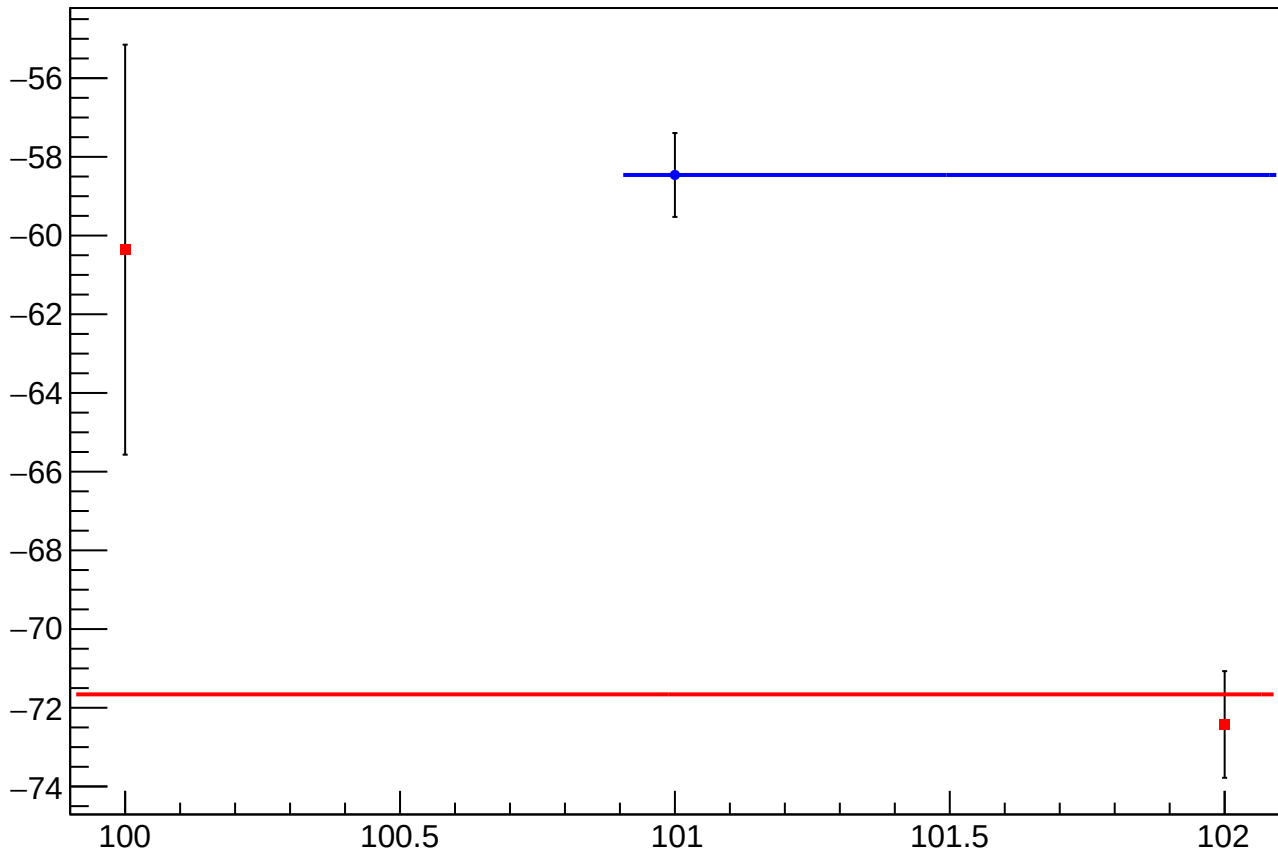
Right: 20.242 $\pm$ 0.925 χ^2 /NDF: 19.1/2

In: 20.766 $\pm$ 1.111 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.242 $\pm$ 0.925 χ^2 /NDF: 19.1/2

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -58.460+/-1.066 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -71.660+/-1.312 χ^2/NDF : 5.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

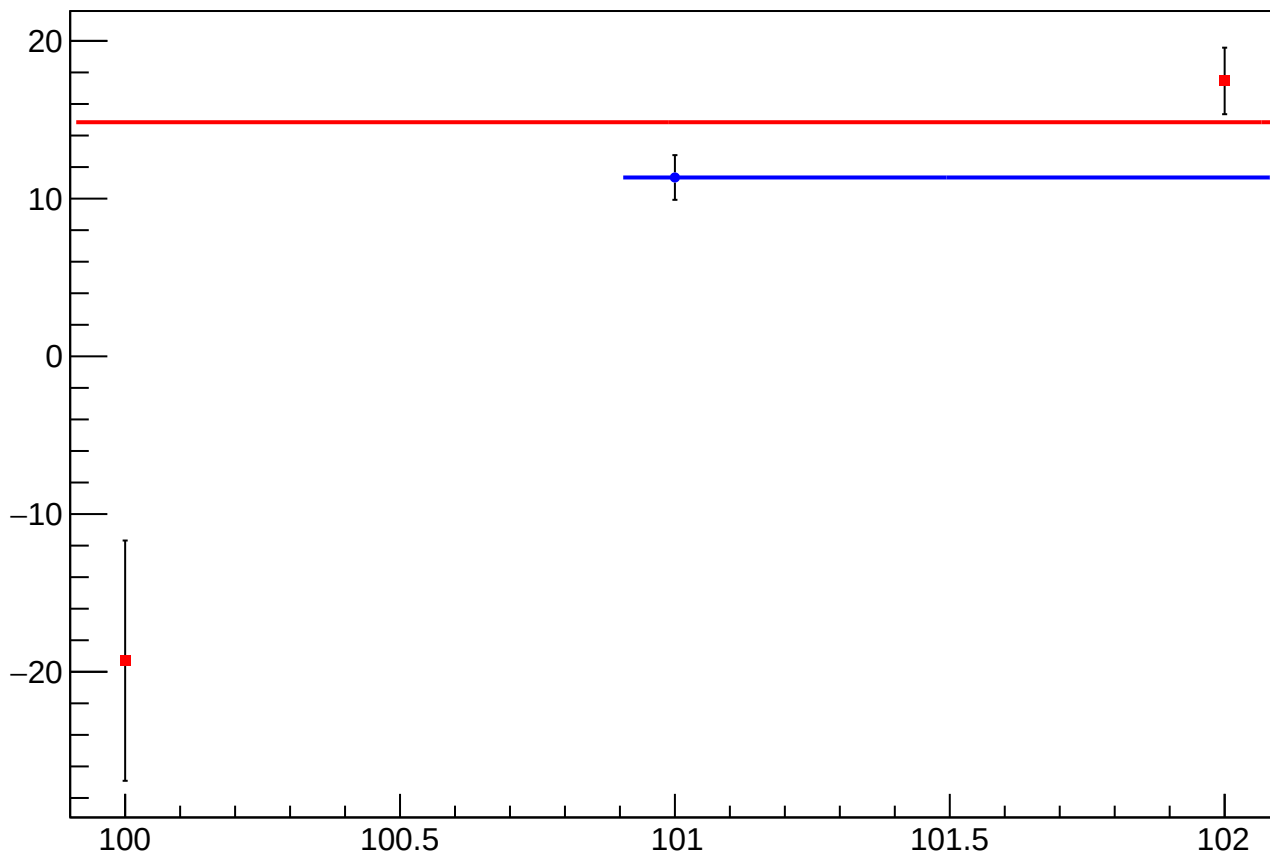
Right: -63.712+/-0.827 χ^2/NDF : 66.0/2

In: -58.460+/-1.066 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -63.712+/-0.827 χ^2/NDF : 66.0/2

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.340+/-1.417 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.844+/-2.033 χ^2/NDF : 21.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

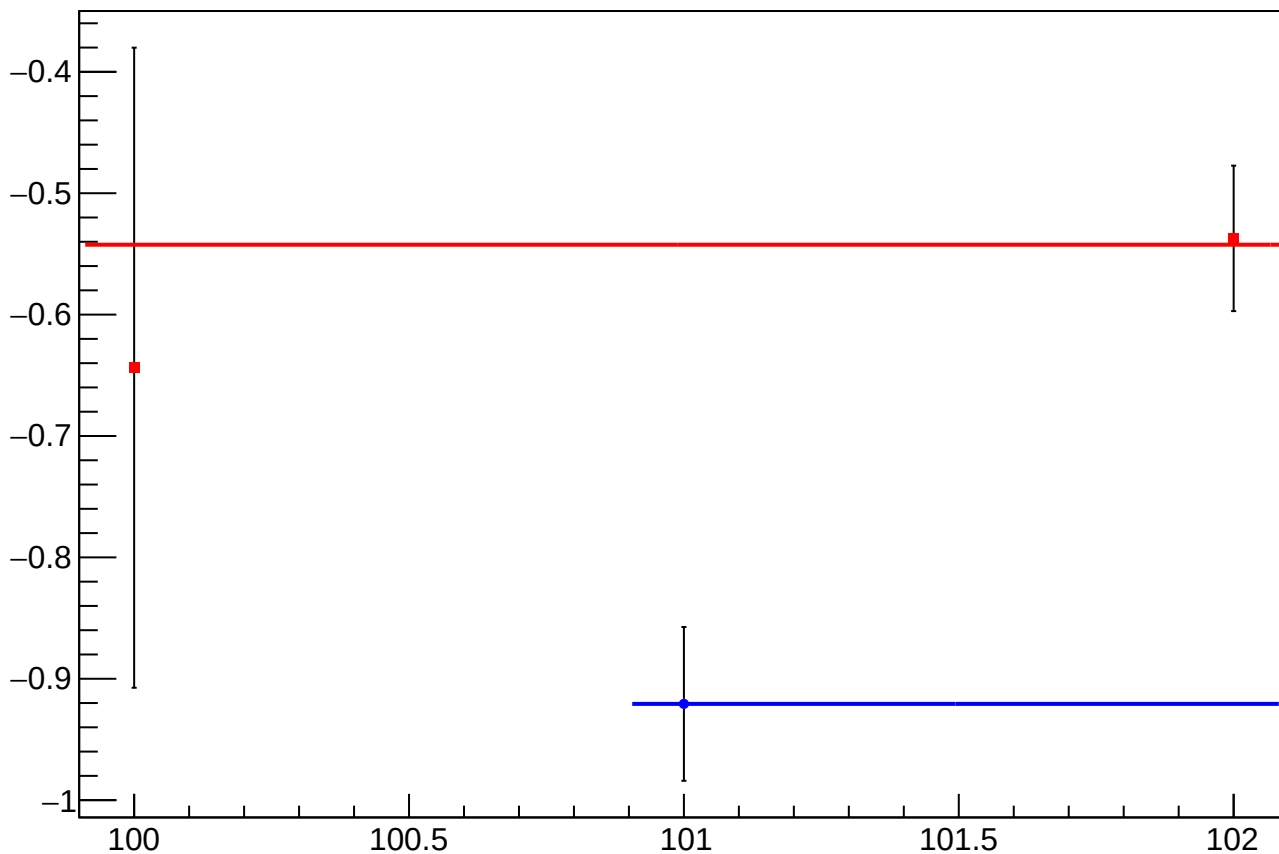
Right: 12.486+/-1.162 χ^2/NDF : 23.6/2

In: 11.340+/-1.417 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.486+/-1.162 χ^2/NDF : 23.6/2

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.921 $\pm$ 0.063 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.542 $\pm$ 0.058 χ^2/NDF : 0.2/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

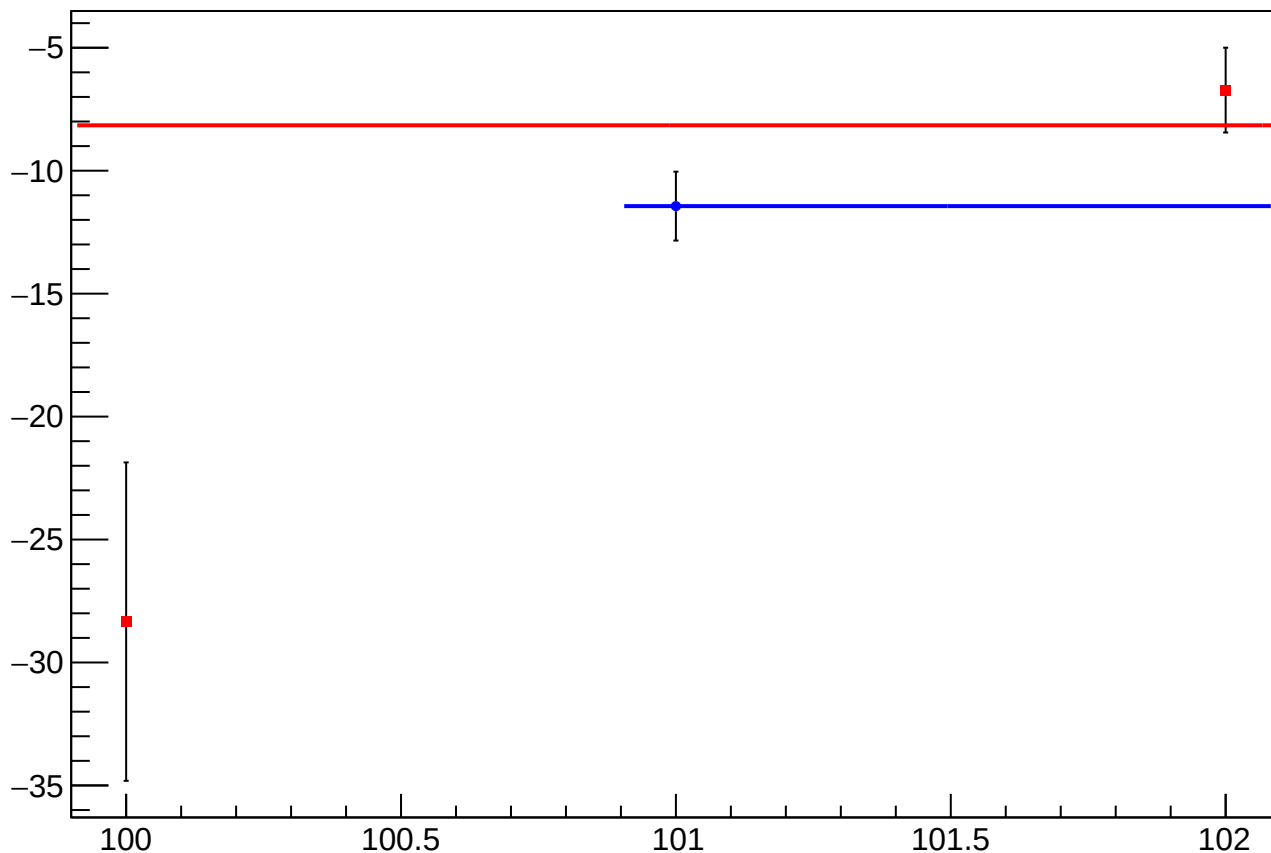
Right: -0.716 $\pm$ 0.043 χ^2/NDF : 19.4/2

In: -0.921 $\pm$ 0.063 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.716 $\pm$ 0.043 χ^2/NDF : 19.4/2

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -11.440 $\pm$ 1.401 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -8.154 $\pm$ 1.667 χ^2 /NDF: 10.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

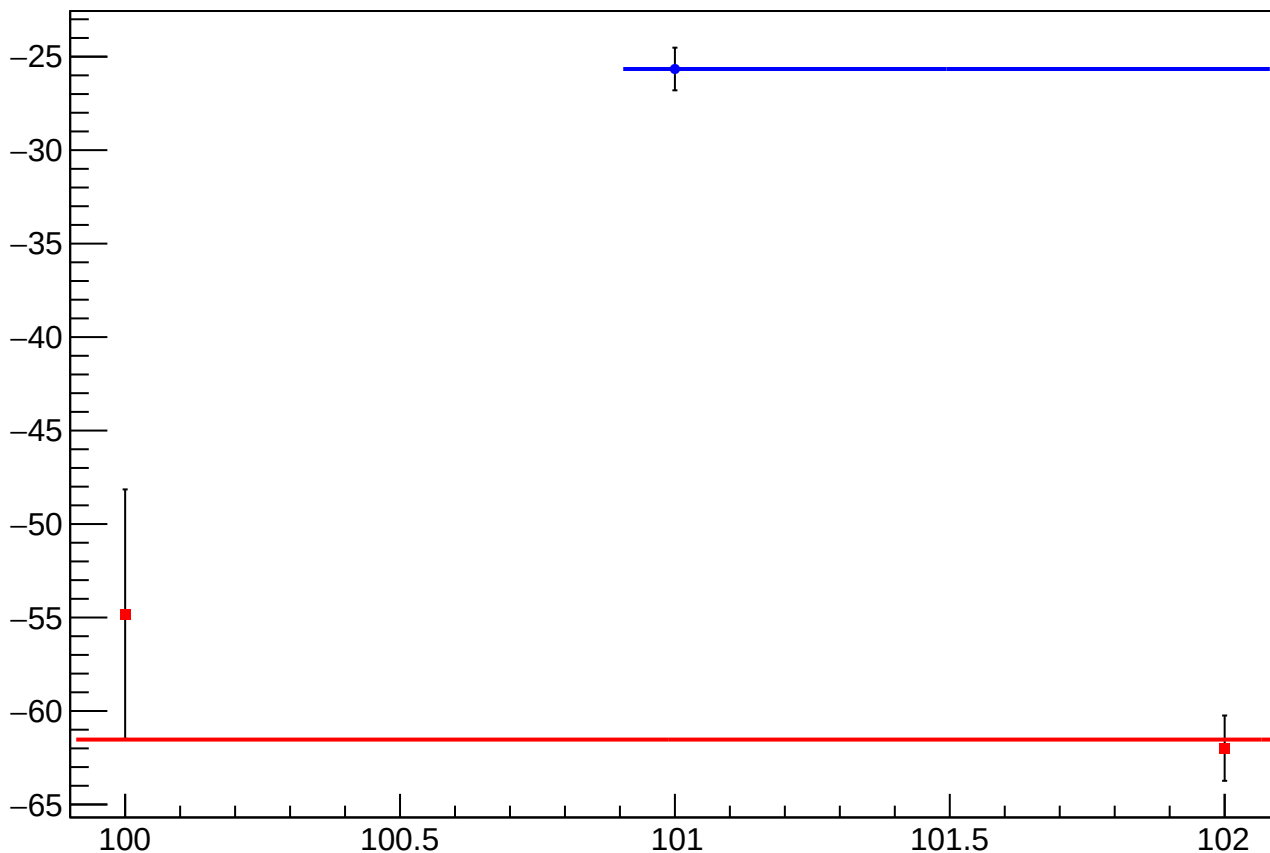
Right: -10.080 $\pm$ 1.072 χ^2 /NDF: 12.7/2

In: -11.440 $\pm$ 1.401 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.080 $\pm$ 1.072 χ^2 /NDF: 12.7/2

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -25.660 $\pm$ 1.141 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -61.529 $\pm$ 1.689 χ^2 /NDF: 1.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

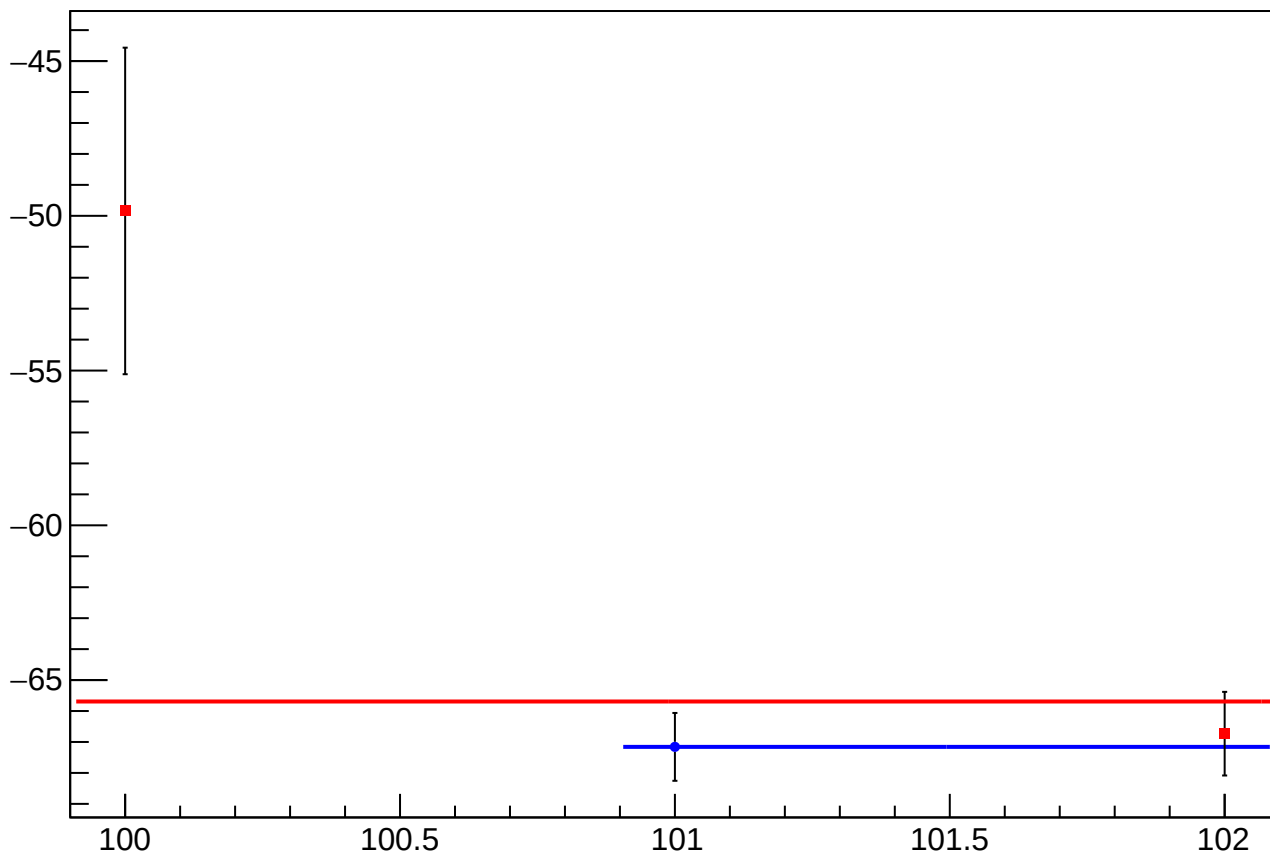
Right: -36.901 $\pm$ 0.945 χ^2 /NDF: 310.8/2

In: -25.660 $\pm$ 1.141 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -36.901 $\pm$ 0.945 χ^2 /NDF: 310.8/2

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -67.159+/-1.096 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -65.692+/-1.309 χ^2/NDF : 9.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

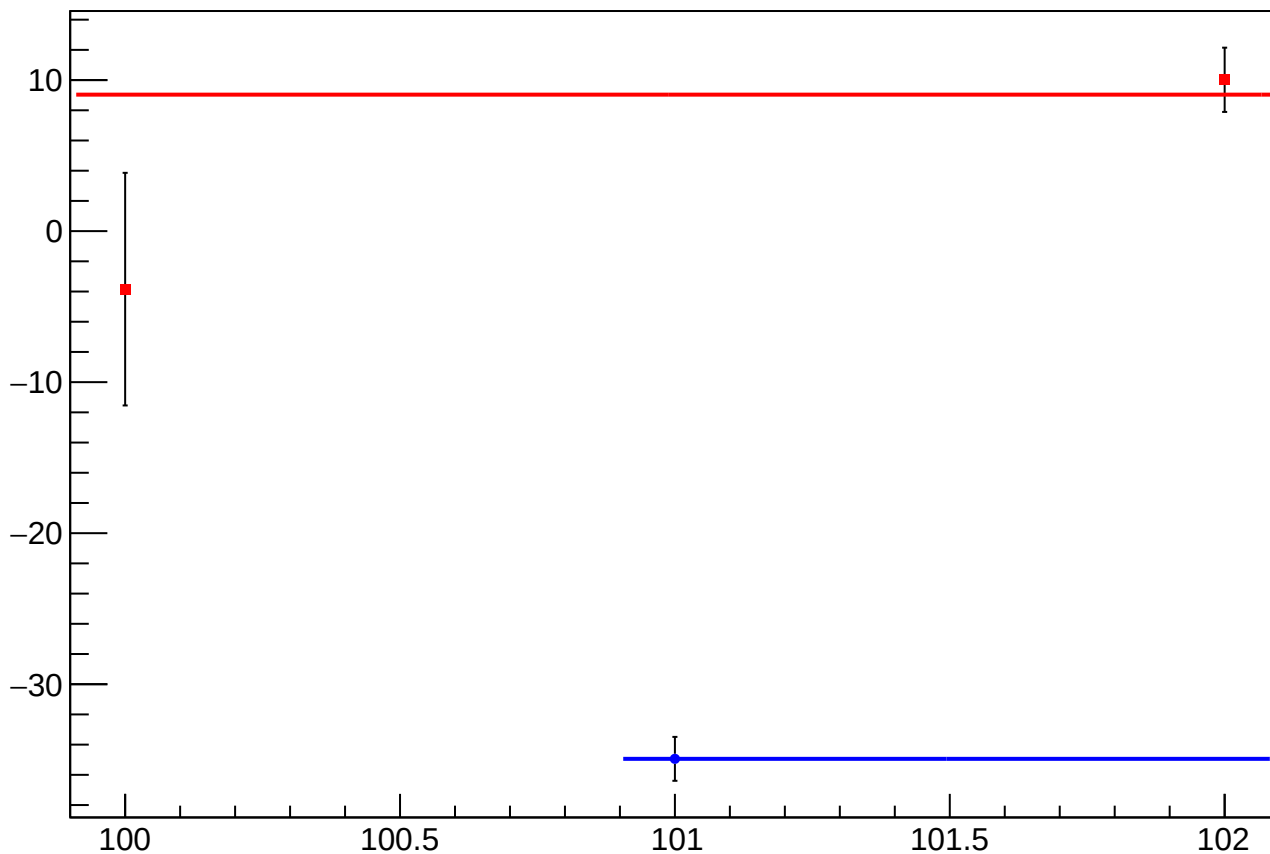
Right: -66.554+/-0.840 χ^2/NDF : 10.4/2

In: -67.159+/-1.096 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -66.554+/-0.840 χ^2/NDF : 10.4/2

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -34.941 $\pm$ 1.454 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.036 $\pm$ 2.051 χ^2 /NDF: 3.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

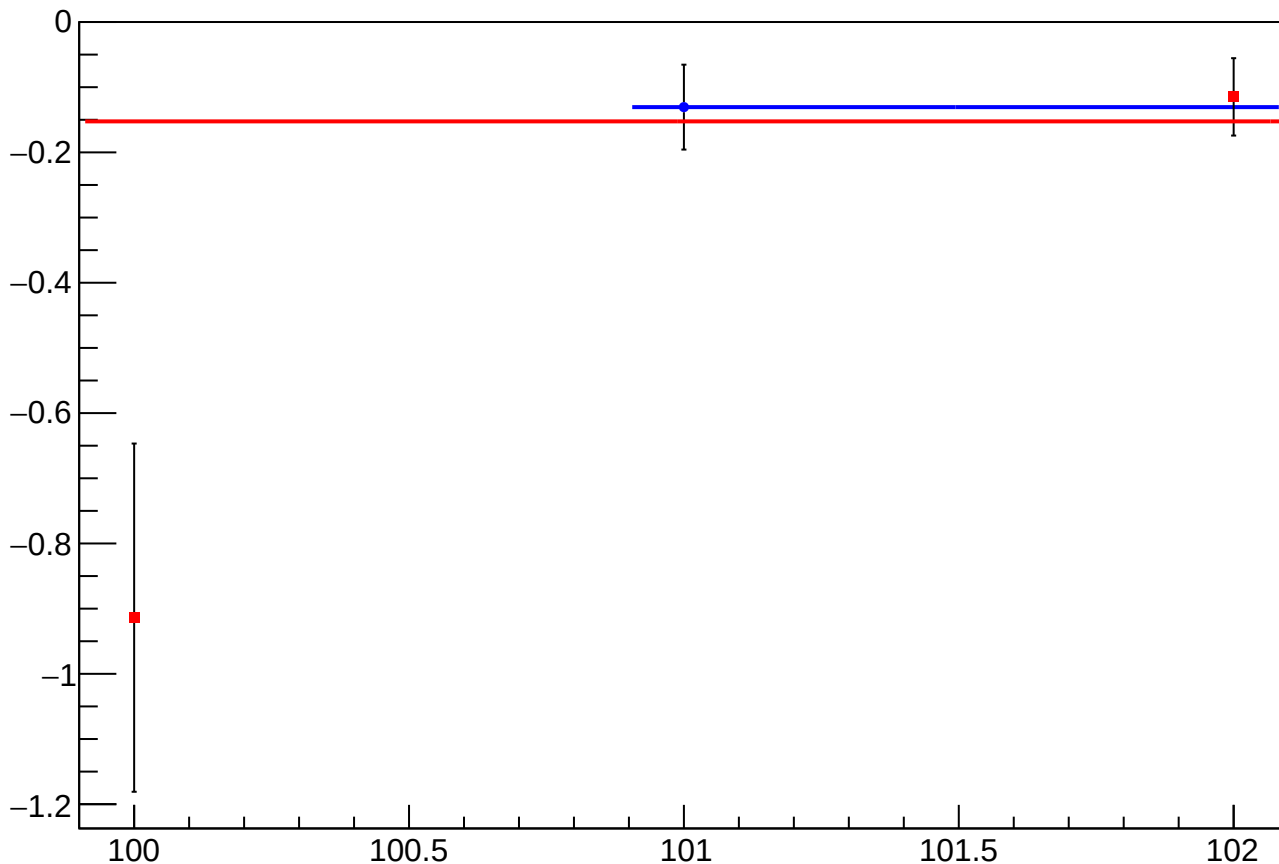
Right: -20.233 $\pm$ 1.186 χ^2 /NDF: 309.1/2

In: -34.941 $\pm$ 1.454 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -20.233 $\pm$ 1.186 χ^2 /NDF: 309.1/2

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.131 $\pm$ 0.065 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.152 $\pm$ 0.058 χ^2 /NDF: 8.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

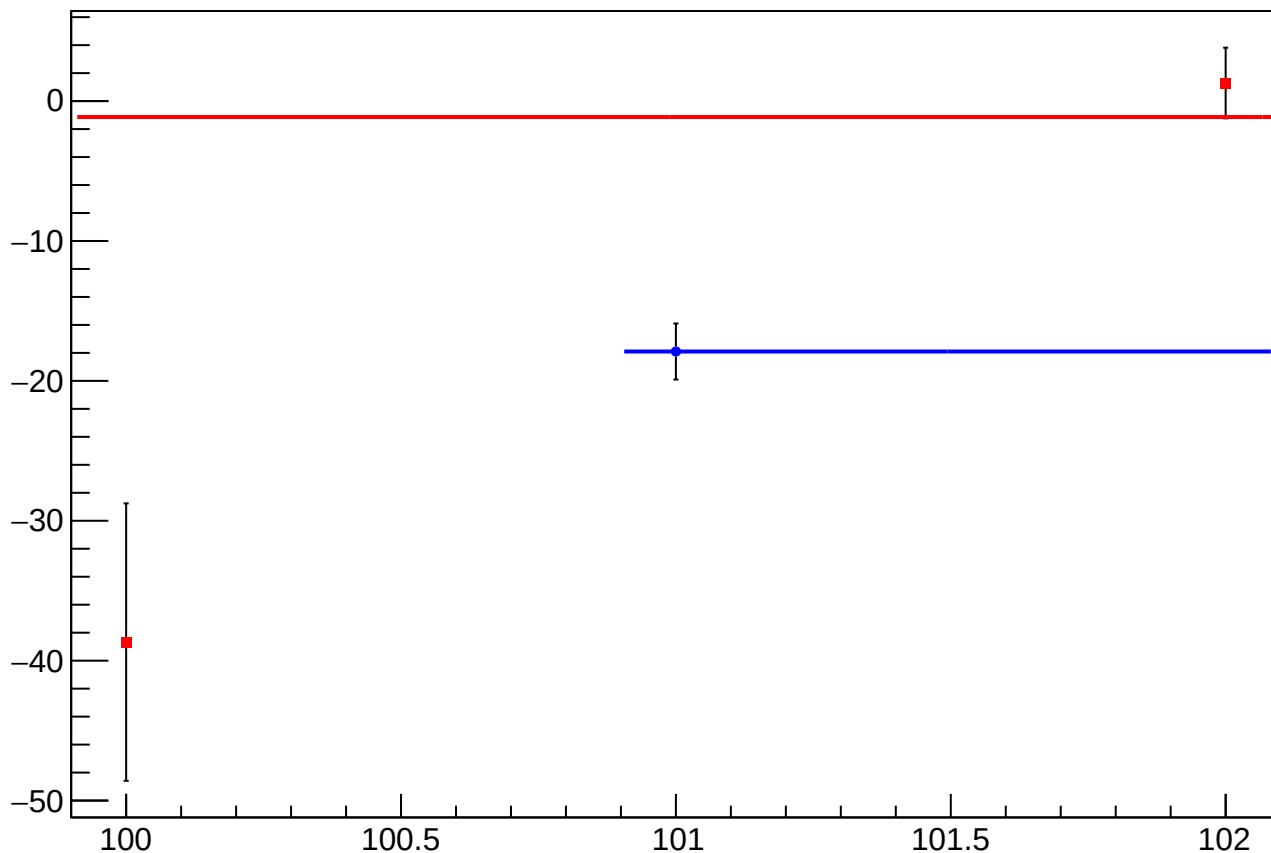
Right: -0.143 $\pm$ 0.043 χ^2 /NDF: 8.6/2

In: -0.131 $\pm$ 0.065 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.143 $\pm$ 0.043 χ^2 /NDF: 8.6/2

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -17.900 $\pm$ 2.003 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.141 $\pm$ 2.447 χ^2 /NDF: 15.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

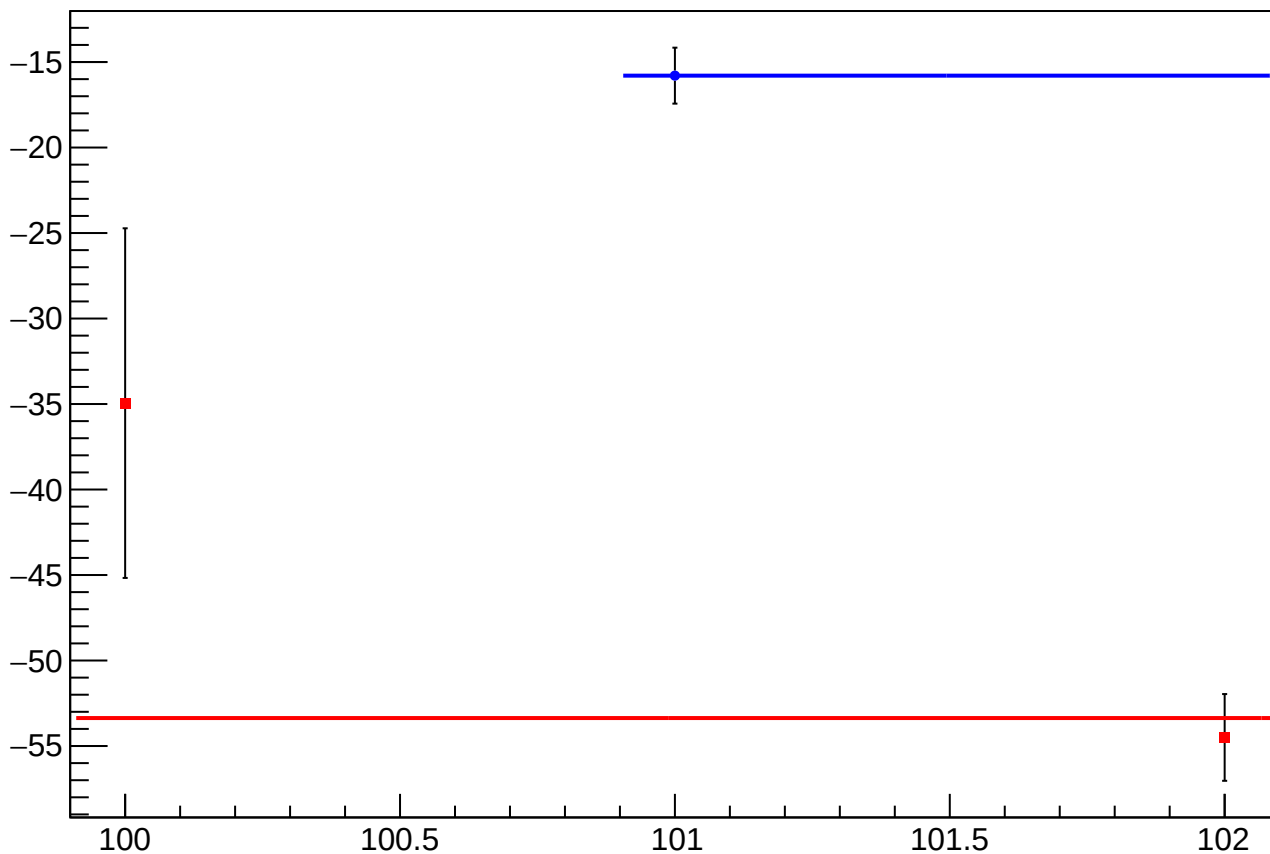
Right: -11.179 $\pm$ 1.550 χ^2 /NDF: 43.3/2

In: -17.900 $\pm$ 2.003 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -11.179 $\pm$ 1.550 χ^2 /NDF: 43.3/2

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -15.796+/-1.636 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -53.365+/-2.462 χ^2/NDF : 3.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

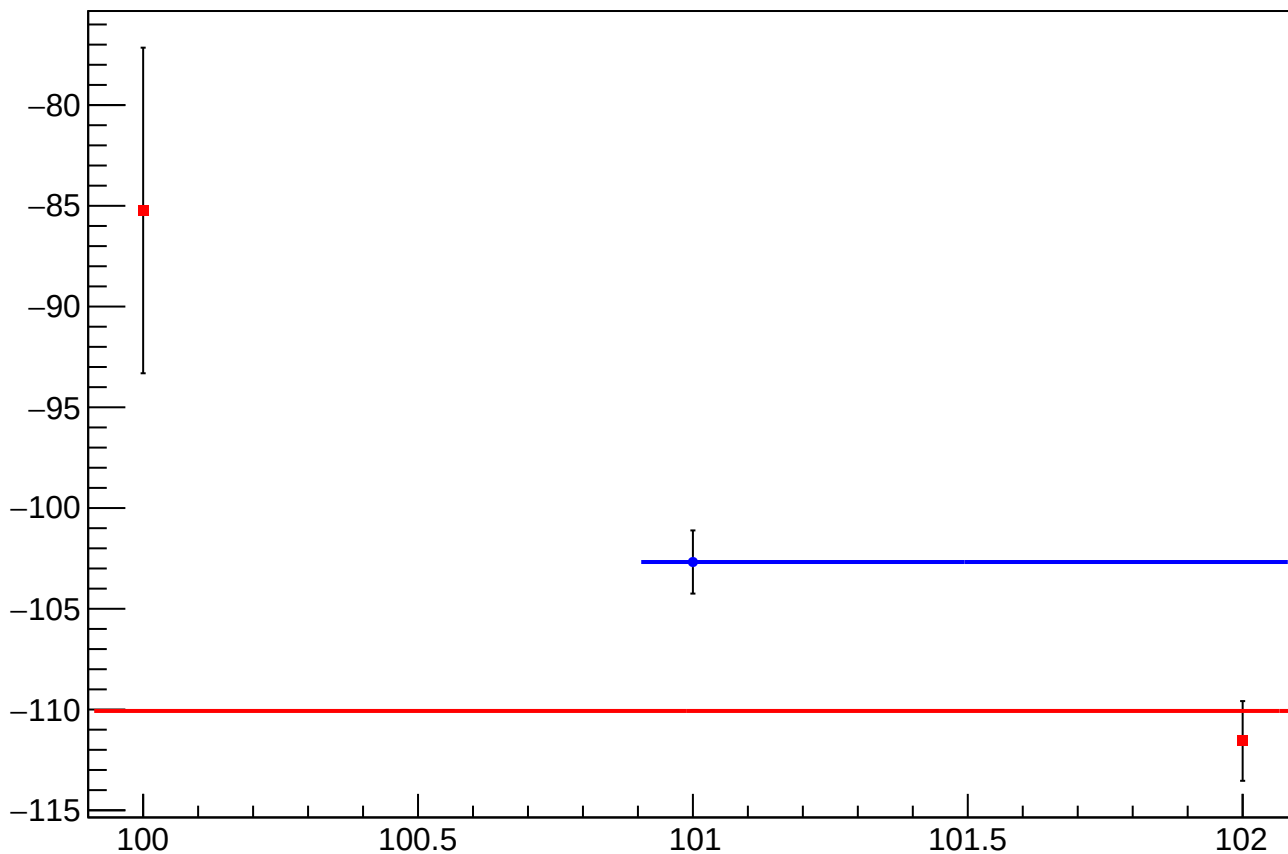
Right: -27.308+/-1.363 χ^2/NDF : 165.0/2

In: -15.796+/-1.636 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.308+/-1.363 χ^2/NDF : 165.0/2

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -102.678+/-1.568 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -110.071+/-1.921 χ^2/NDF : 10.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

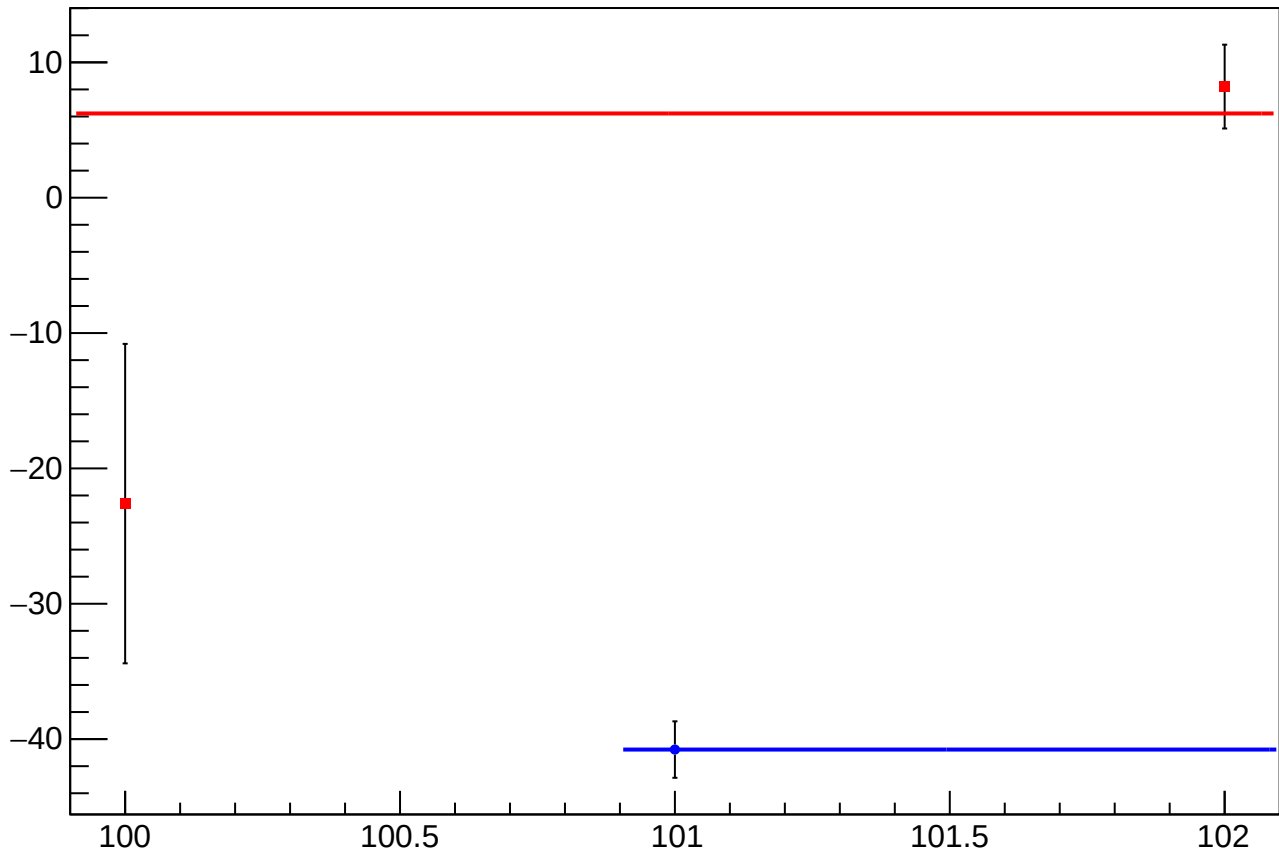
Right: -105.633+/-1.215 χ^2/NDF : 18.9/2

In: -102.678+/-1.568 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -105.633+/-1.215 χ^2/NDF : 18.9/2

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -40.772 ± 2.087 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 6.225 ± 2.995 $\chi^2/\text{NDF}: 6.4/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

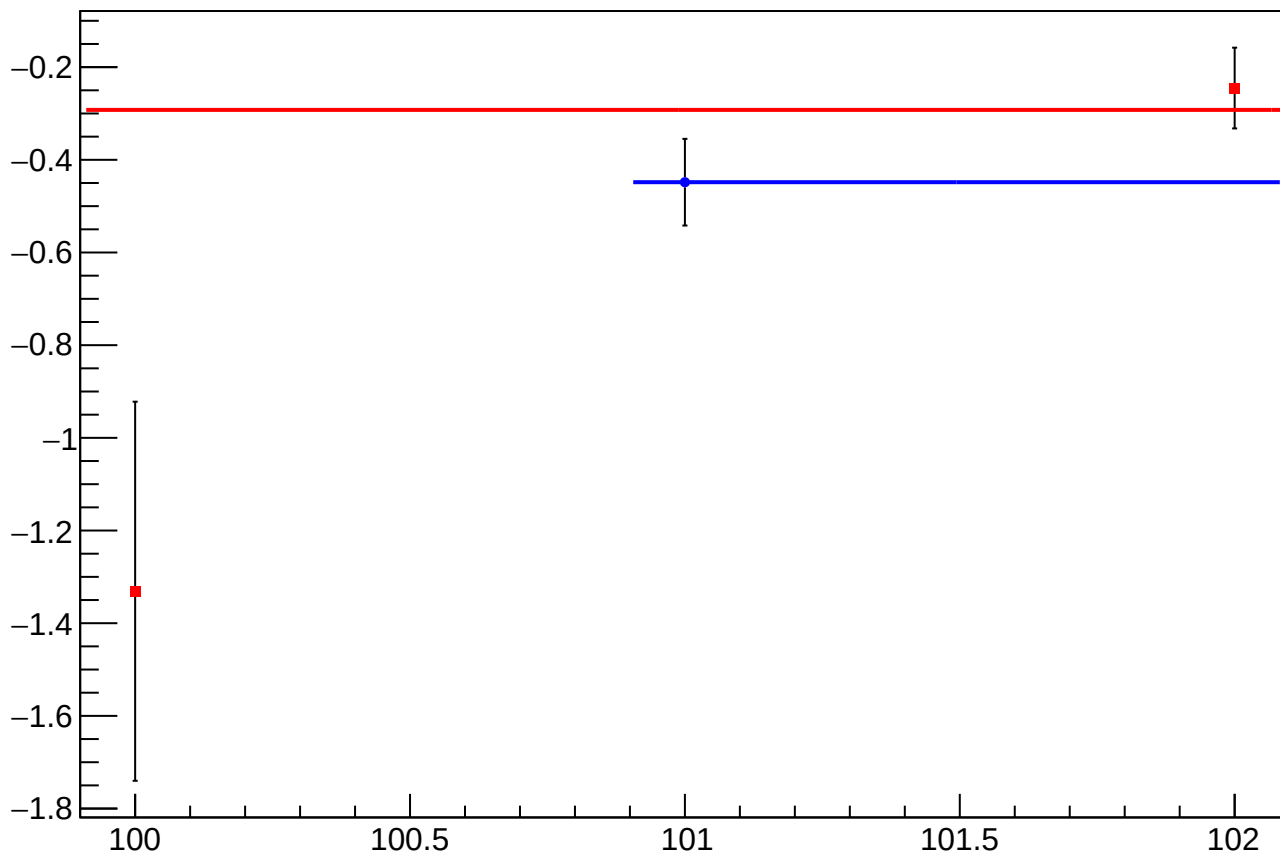
Right: -25.418 ± 1.712 $\chi^2/\text{NDF}: 172.1/2$

In: -40.772 ± 2.087 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -25.418 ± 1.712 $\chi^2/\text{NDF}: 172.1/2$

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.448+/-0.094 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.292+/-0.085 χ^2 /NDF: 6.7/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

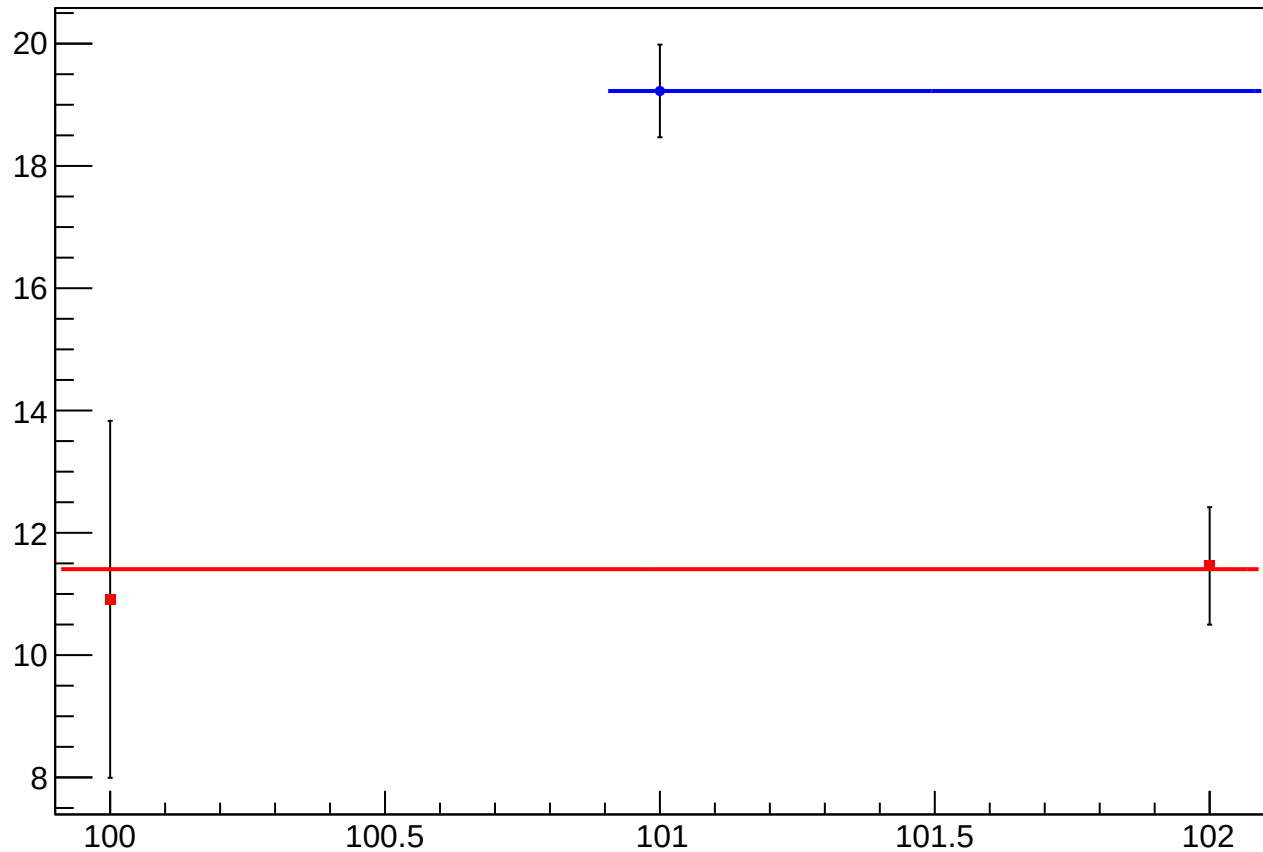
Right: -0.363+/-0.063 χ^2 /NDF: 8.3/2

In: -0.448+/-0.094 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.363+/-0.063 χ^2 /NDF: 8.3/2

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 19.226 $\pm$ 0.757 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.405 $\pm$ 0.912 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

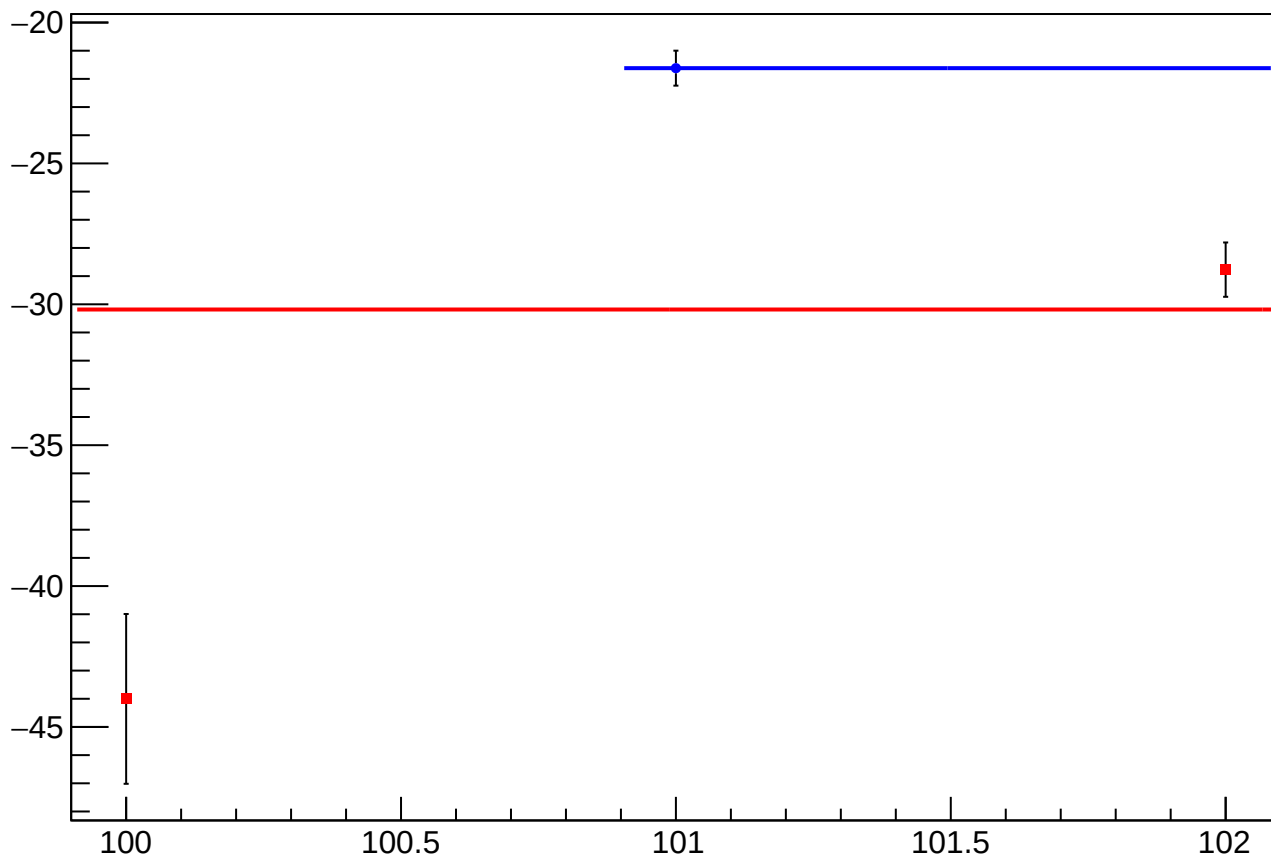
Right: 16.035 $\pm$ 0.583 χ^2 /NDF: 43.5/2

In: 19.226 $\pm$ 0.757 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.035 $\pm$ 0.583 χ^2 /NDF: 43.5/2

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -21.619 $\pm$ 0.621 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -30.185 $\pm$ 0.918 χ^2 /NDF: 23.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

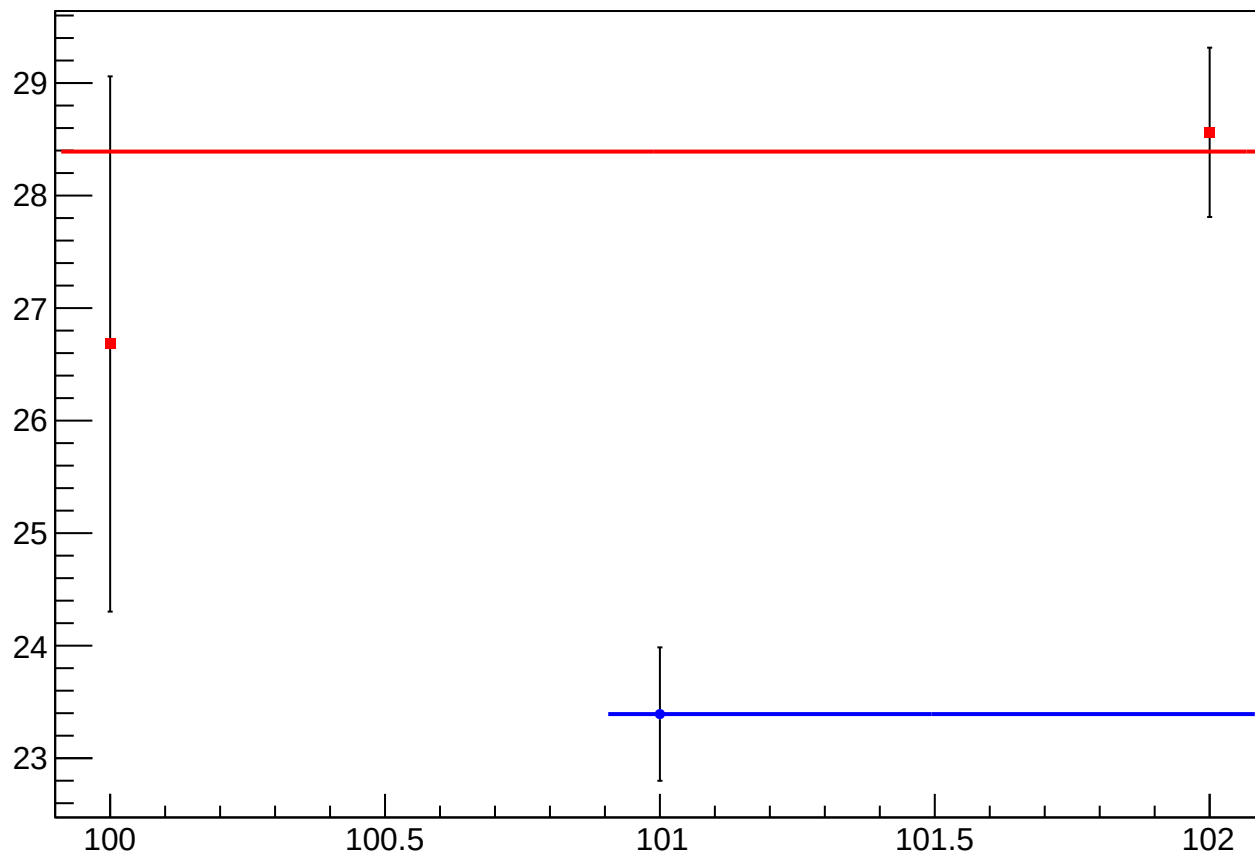
Right: -24.305 $\pm$ 0.514 χ^2 /NDF: 82.9/2

In: -21.619 $\pm$ 0.621 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -24.305 $\pm$ 0.514 χ^2 /NDF: 82.9/2

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 23.392 $\pm$ 0.593 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 28.391 $\pm$ 0.717 χ^2 /NDF: 0.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

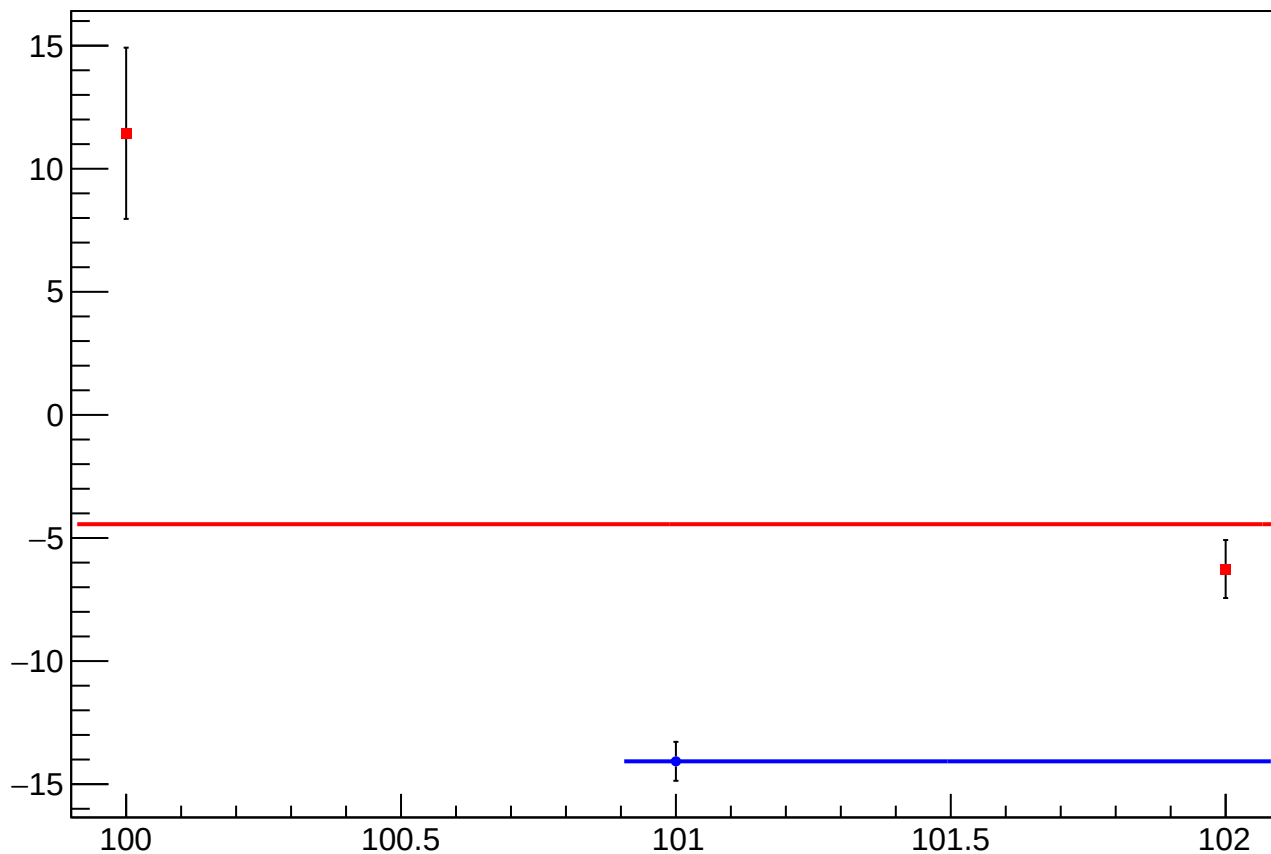
Right: 25.421 $\pm$ 0.457 χ^2 /NDF: 29.4/2

In: 23.392 $\pm$ 0.593 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 25.421 $\pm$ 0.457 χ^2 /NDF: 29.4/2

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -14.072 $\pm$ 0.791 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4.440 $\pm$ 1.115 χ^2 /NDF: 23.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

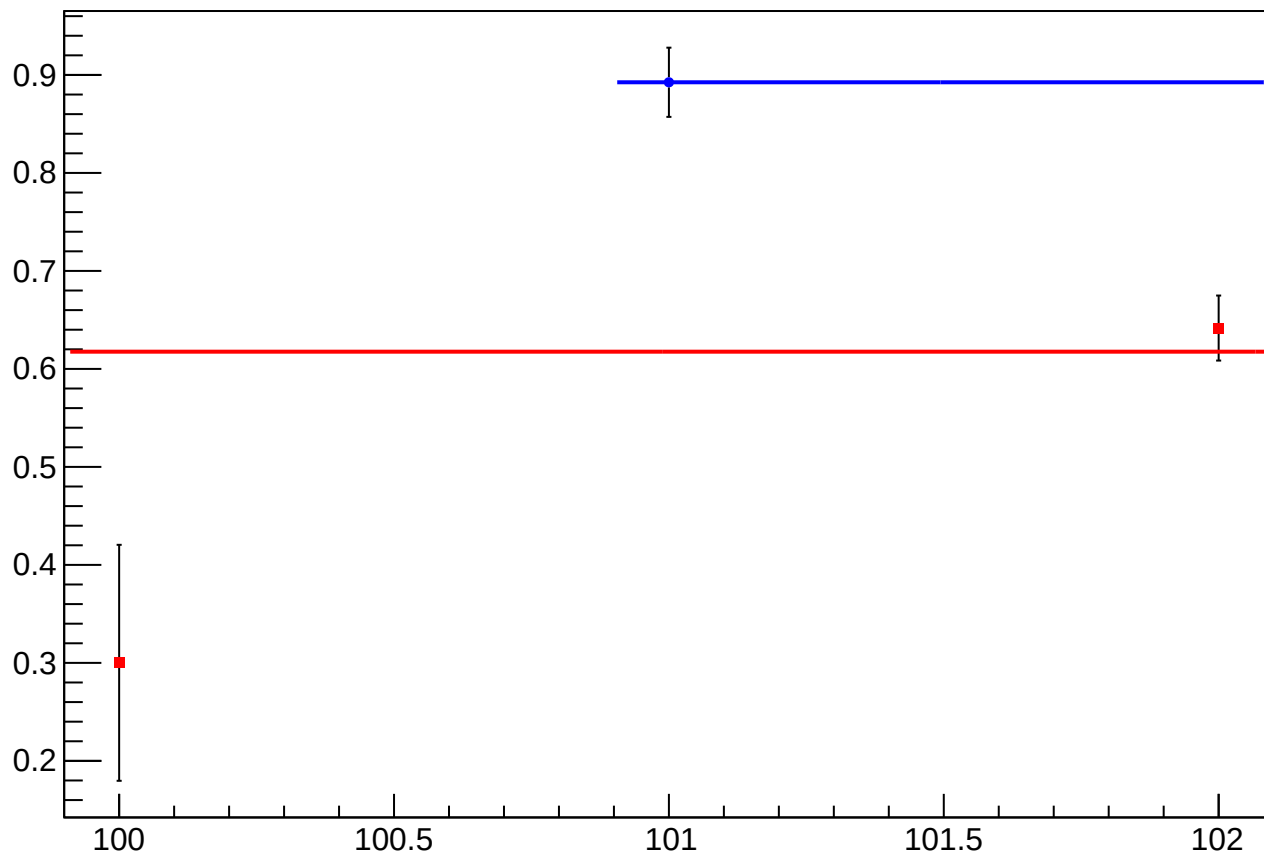
Right: -10.848 $\pm$ 0.645 χ^2 /NDF: 72.9/2

In: -14.072 $\pm$ 0.791 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.848 $\pm$ 0.645 χ^2 /NDF: 72.9/2

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.893+/-0.035 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.618+/-0.032 χ^2/NDF : 7.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

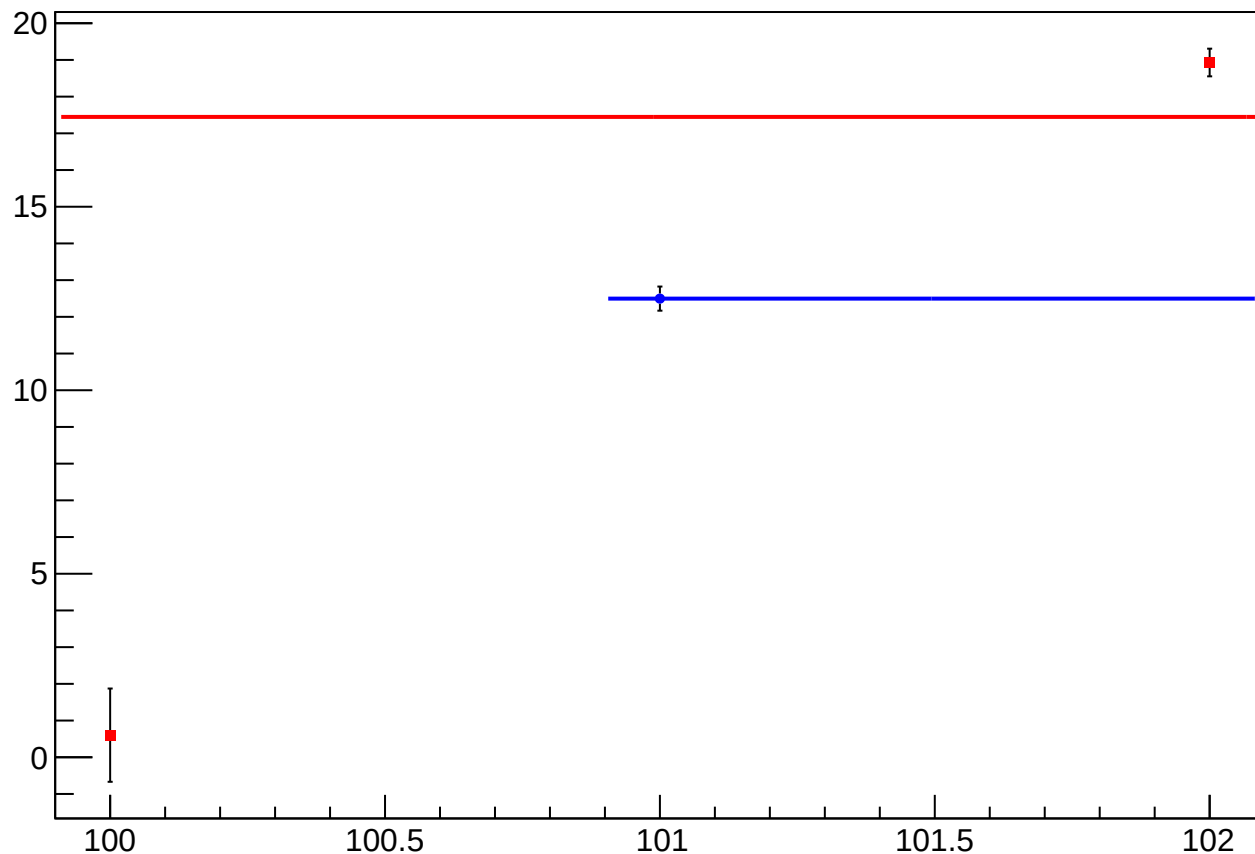
Right: 0.741+/-0.024 χ^2/NDF : 40.8/2

In: 0.893+/-0.035 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.741+/-0.024 χ^2/NDF : 40.8/2

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 12.496 $\pm$ 0.329 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.447 $\pm$ 0.361 χ^2 /NDF: 191.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

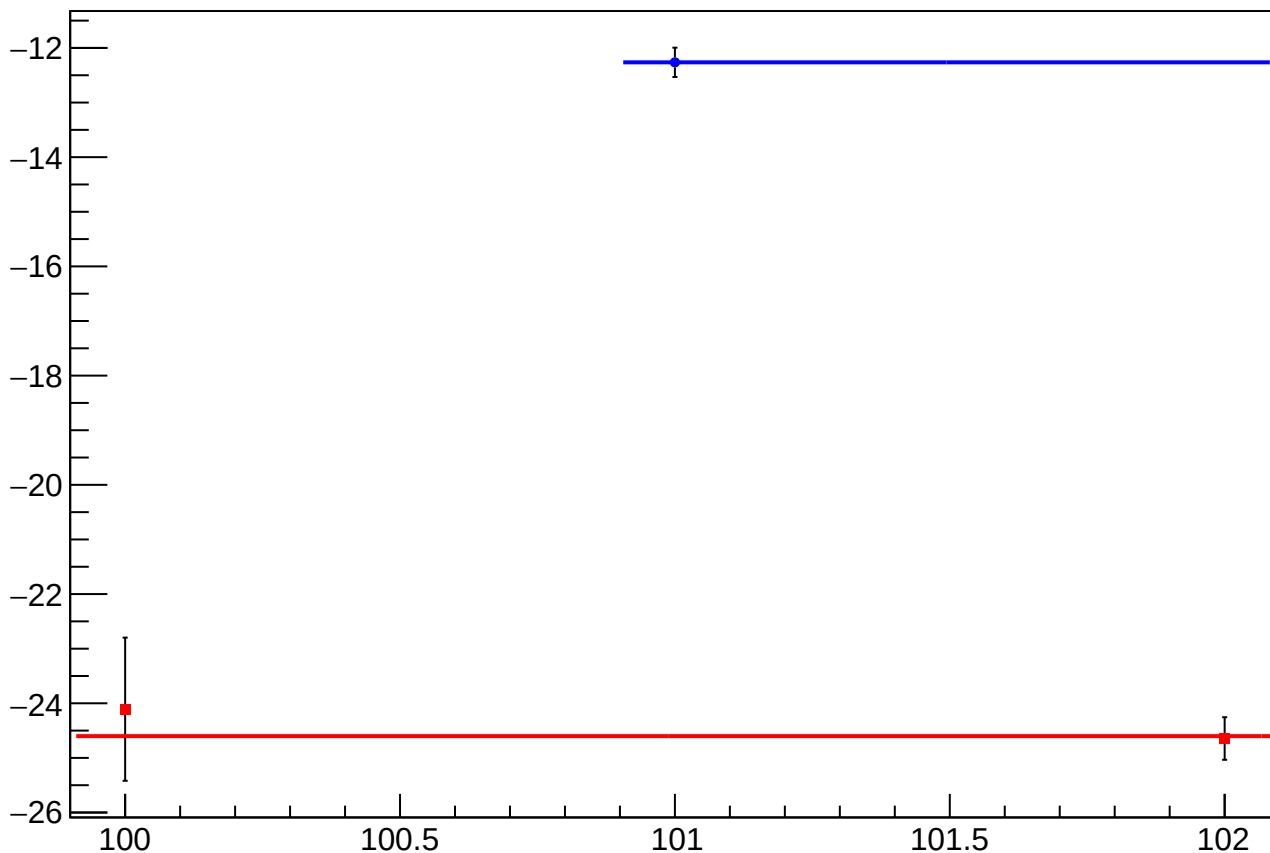
Right: 14.738 $\pm$ 0.243 χ^2 /NDF: 293.9/2

In: 12.496 $\pm$ 0.329 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14.738 $\pm$ 0.243 χ^2 /NDF: 293.9/2

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.264+/-0.269 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -24.601+/-0.373 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

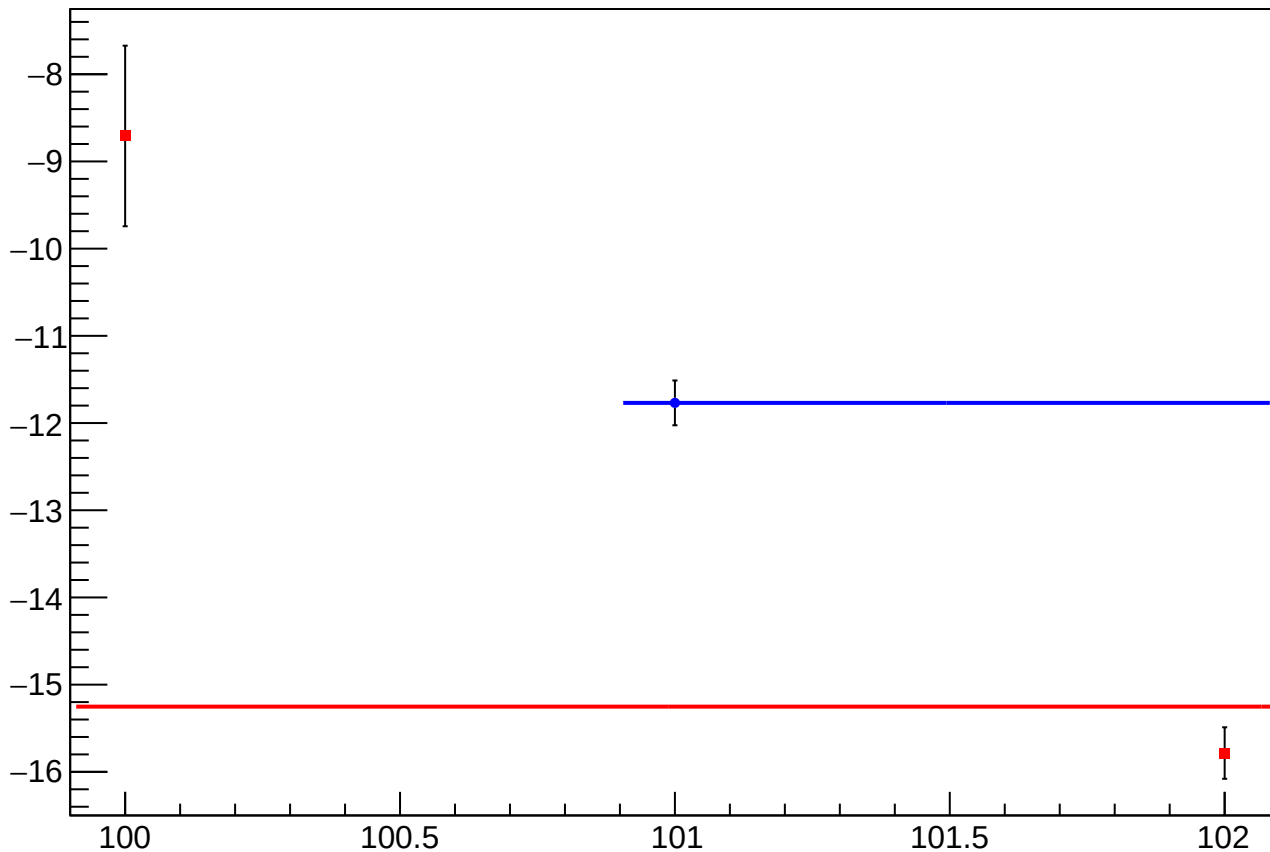
Right: -16.468+/-0.218 χ^2/NDF : 719.5/2

In: -12.264+/-0.269 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.468+/-0.218 χ^2/NDF : 719.5/2

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -11.769 $\pm$ 0.257 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -15.252 $\pm$ 0.284 χ^2 /NDF: 43.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

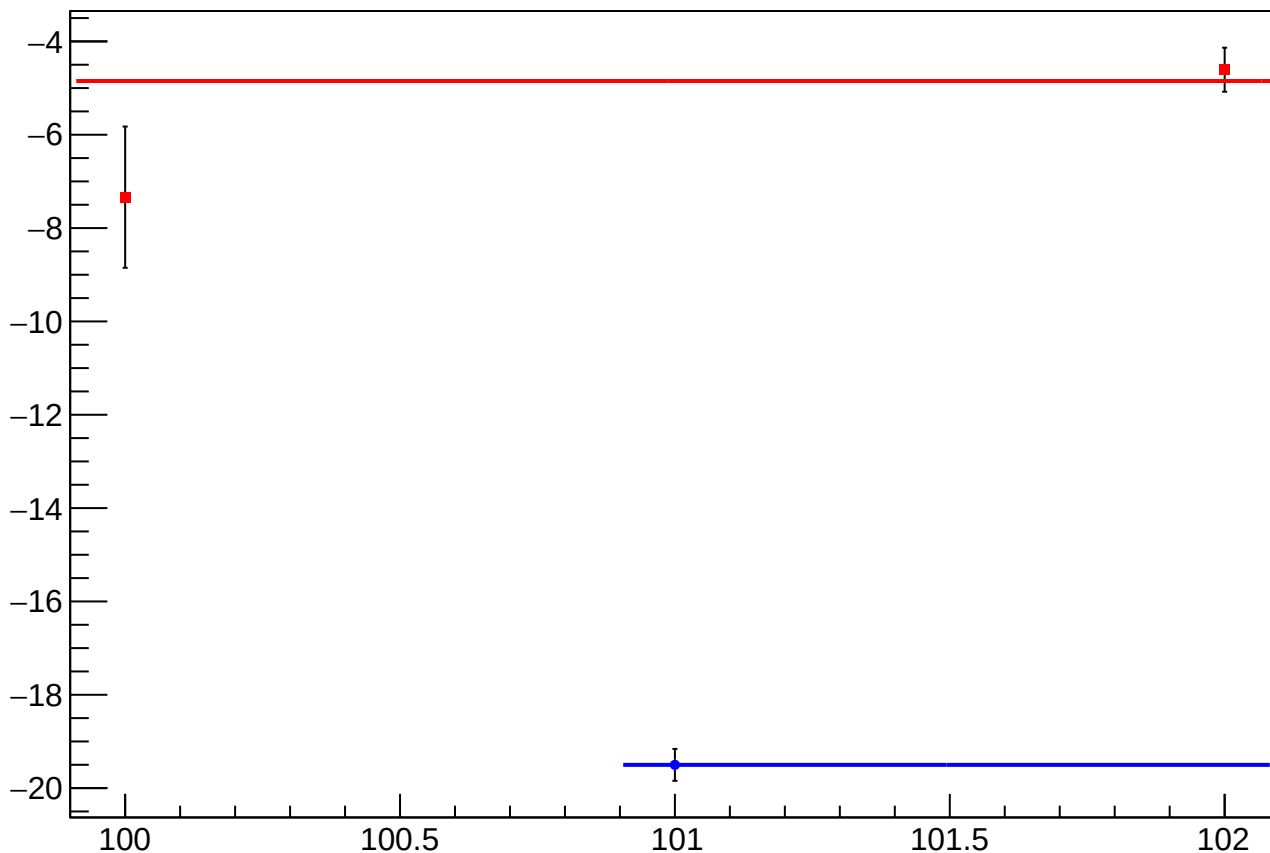
Right: -13.337 $\pm$ 0.191 χ^2 /NDF: 125.9/2

In: -11.769 $\pm$ 0.257 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -13.337 $\pm$ 0.191 χ^2 /NDF: 125.9/2

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -19.502 $\pm$ 0.341 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4.849 $\pm$ 0.451 χ^2 /NDF: 3.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

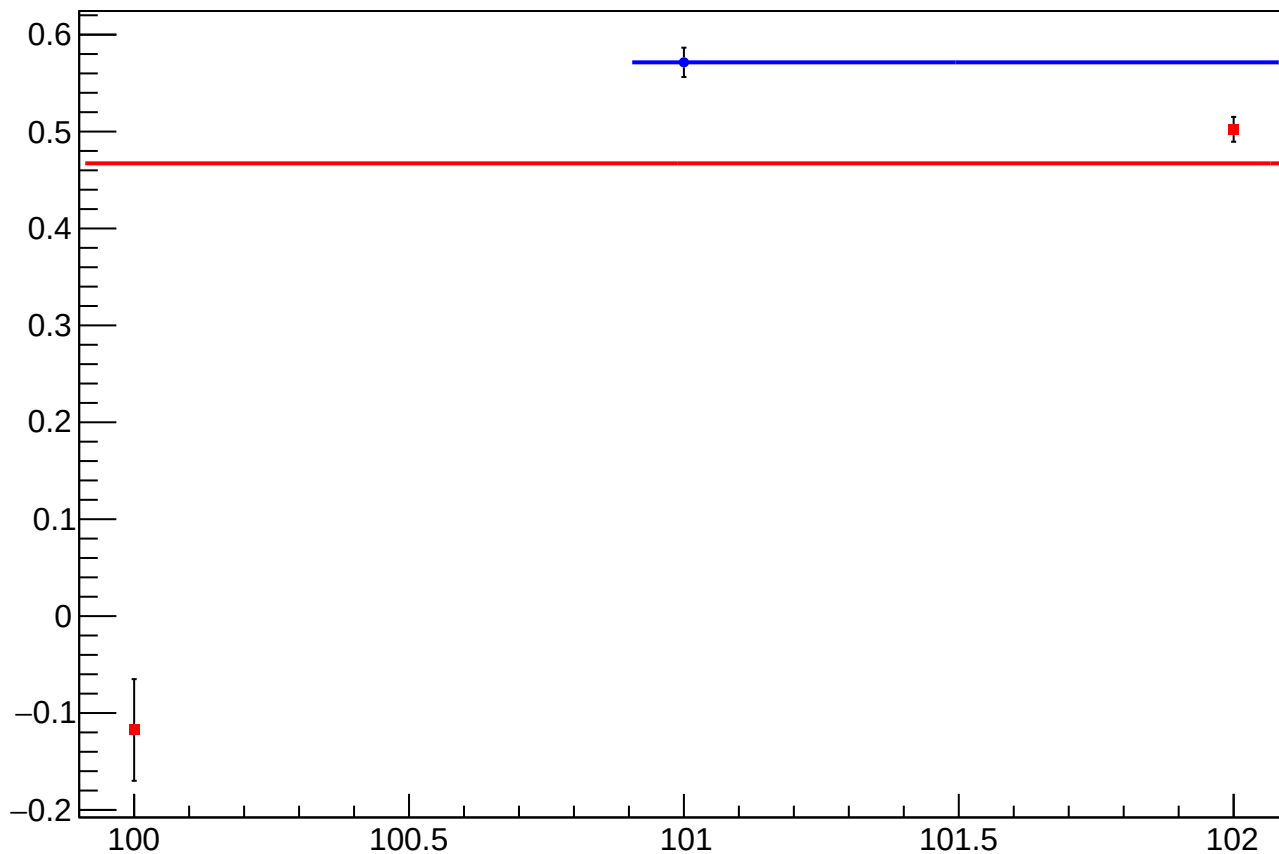
Right: -14.159 $\pm$ 0.272 χ^2 /NDF: 675.0/2

In: -19.502 $\pm$ 0.341 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.159 $\pm$ 0.272 χ^2 /NDF: 675.0/2

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.571+/-0.015 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.467+/-0.012 χ^2/NDF : 131.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

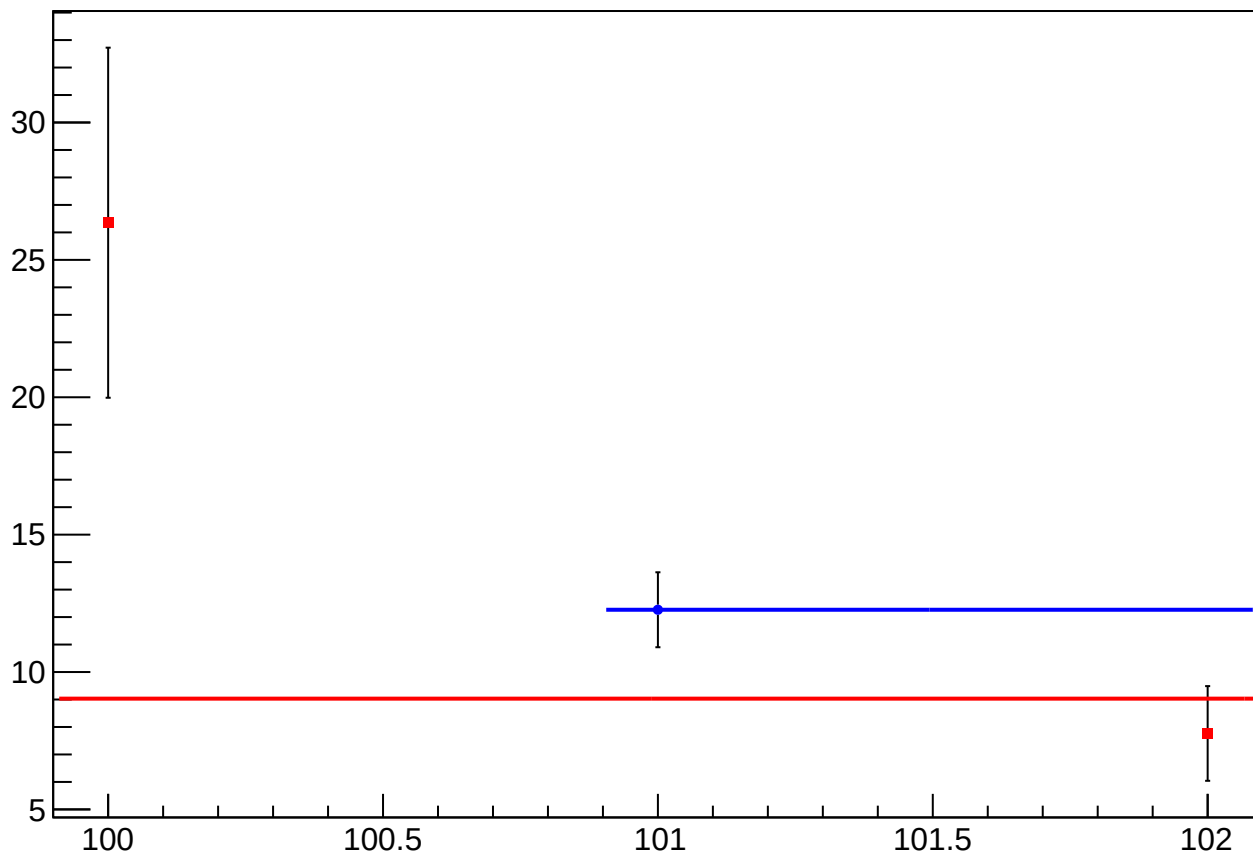
Right: 0.509+/-0.010 χ^2/NDF : 159.9/2

In: 0.571+/-0.015 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.509+/-0.010 χ^2/NDF : 159.9/2

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 12.266 $\pm$ 1.364 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.032 $\pm$ 1.663 χ^2 /NDF: 7.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

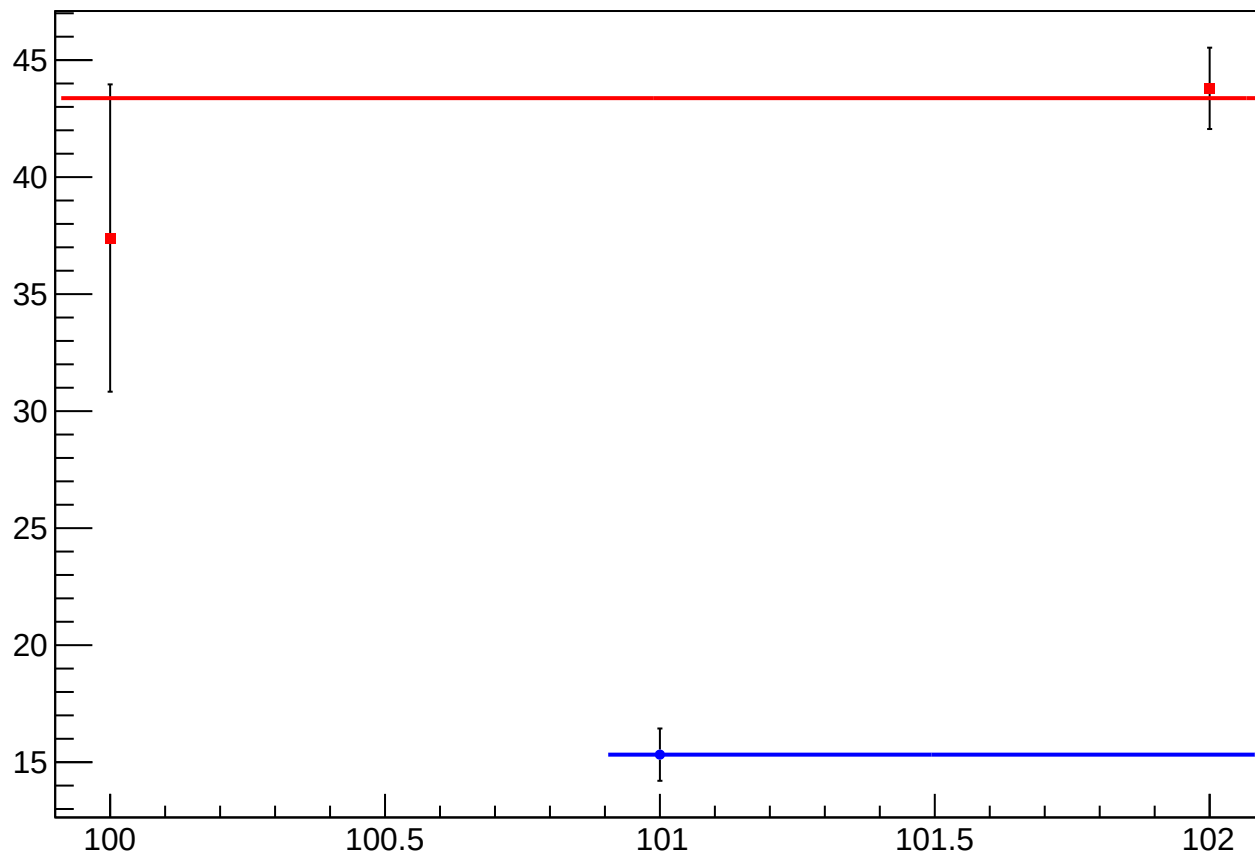
Right: 10.966 $\pm$ 1.055 χ^2 /NDF: 10.2/2

In: 12.266 $\pm$ 1.364 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.966 $\pm$ 1.055 χ^2 /NDF: 10.2/2

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.322+/-1.117 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.374+/-1.680 χ^2/NDF : 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

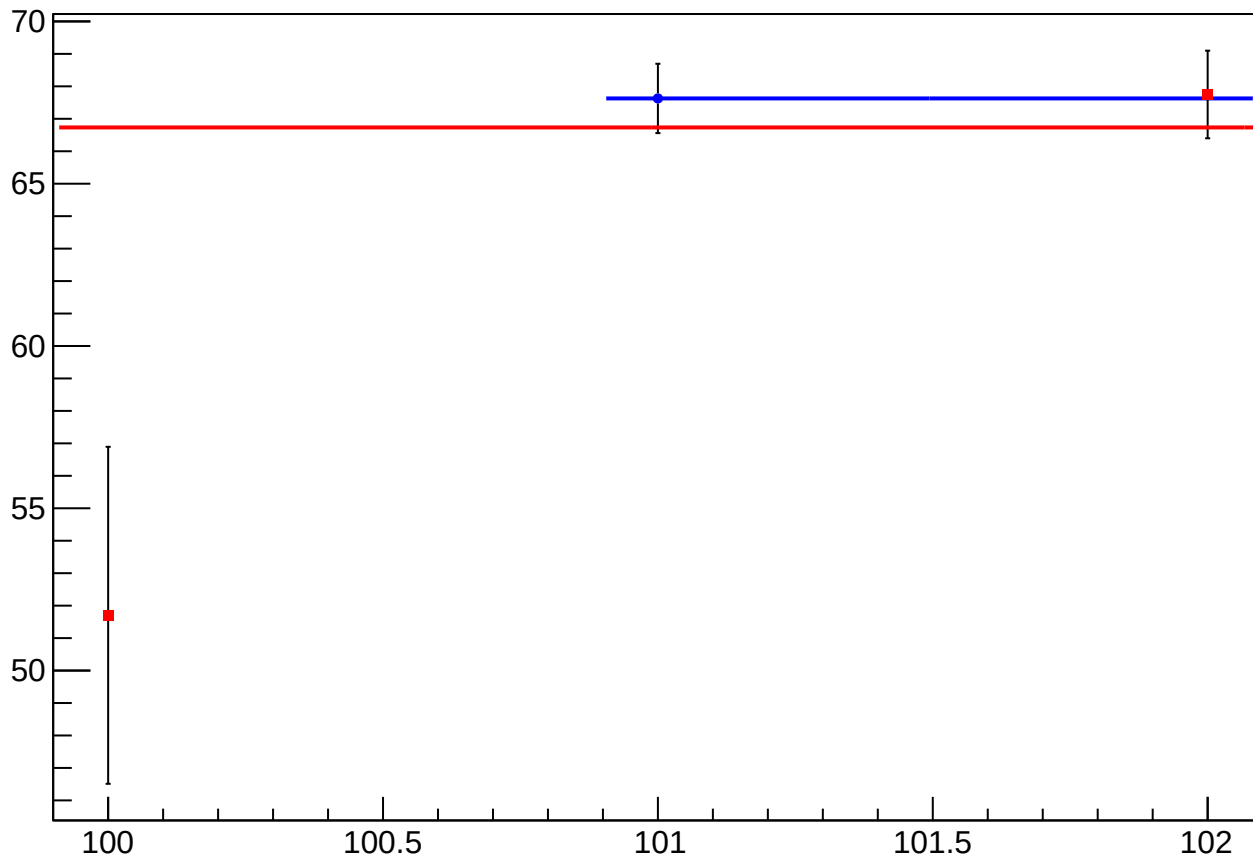
Right: 23.925+/-0.930 χ^2/NDF : 194.2/2

In: 15.322+/-1.117 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.925+/-0.930 χ^2/NDF : 194.2/2

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 67.627+/-1.068 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 66.733+/-1.306 χ^2 /NDF: 8.9/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

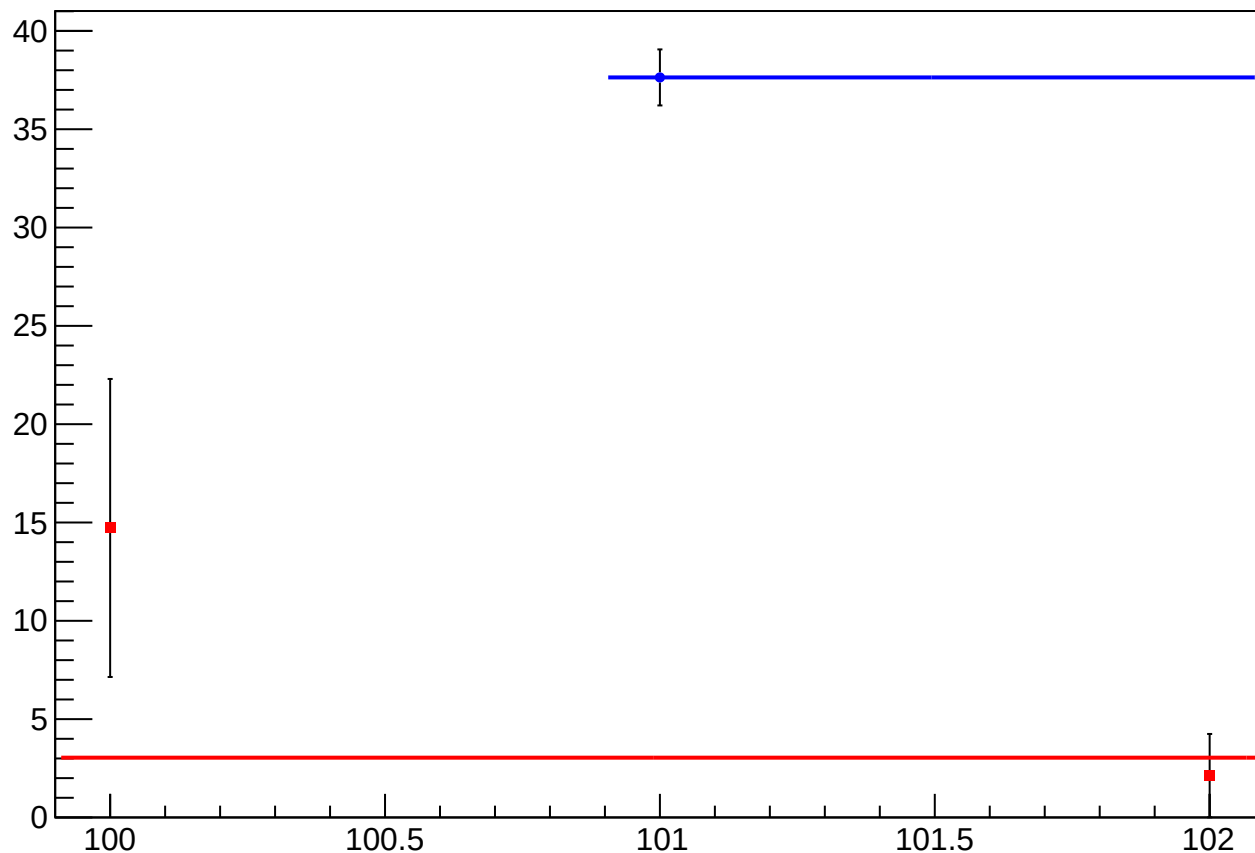
Right: 67.269+/-0.827 χ^2 /NDF: 9.2/2

In: 67.627+/-1.068 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 67.269+/-0.827 χ^2 /NDF: 9.2/2

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 37.635+/-1.425 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 3.040+/-2.041 χ^2 /NDF: 2.6/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

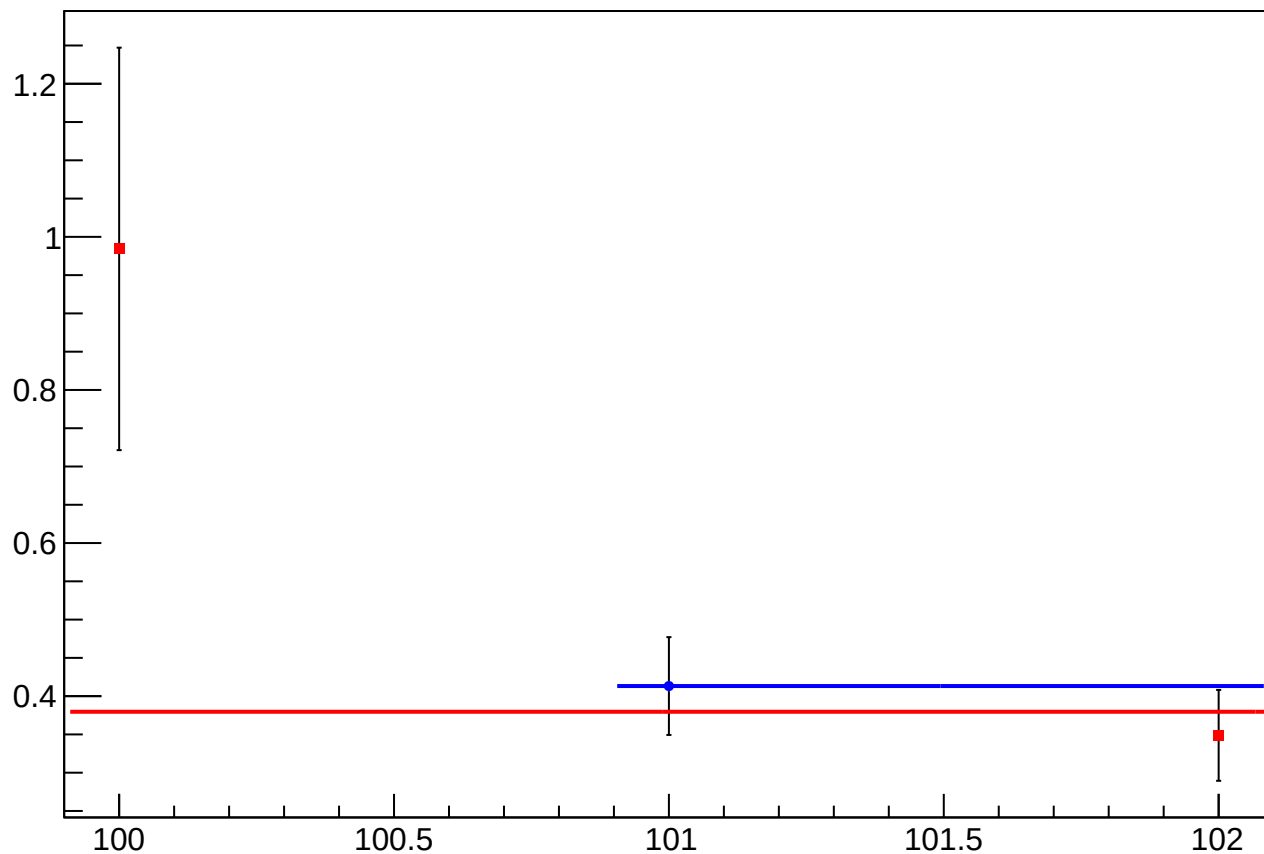
Right: 26.304+/-1.168 χ^2 /NDF: 195.7/2

In: 37.635+/-1.425 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 26.304+/-1.168 χ^2 /NDF: 195.7/2

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.413 ± 0.064 χ^2/NDF : 0.0/0

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.380 ± 0.058 χ^2/NDF : 5.6/1

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

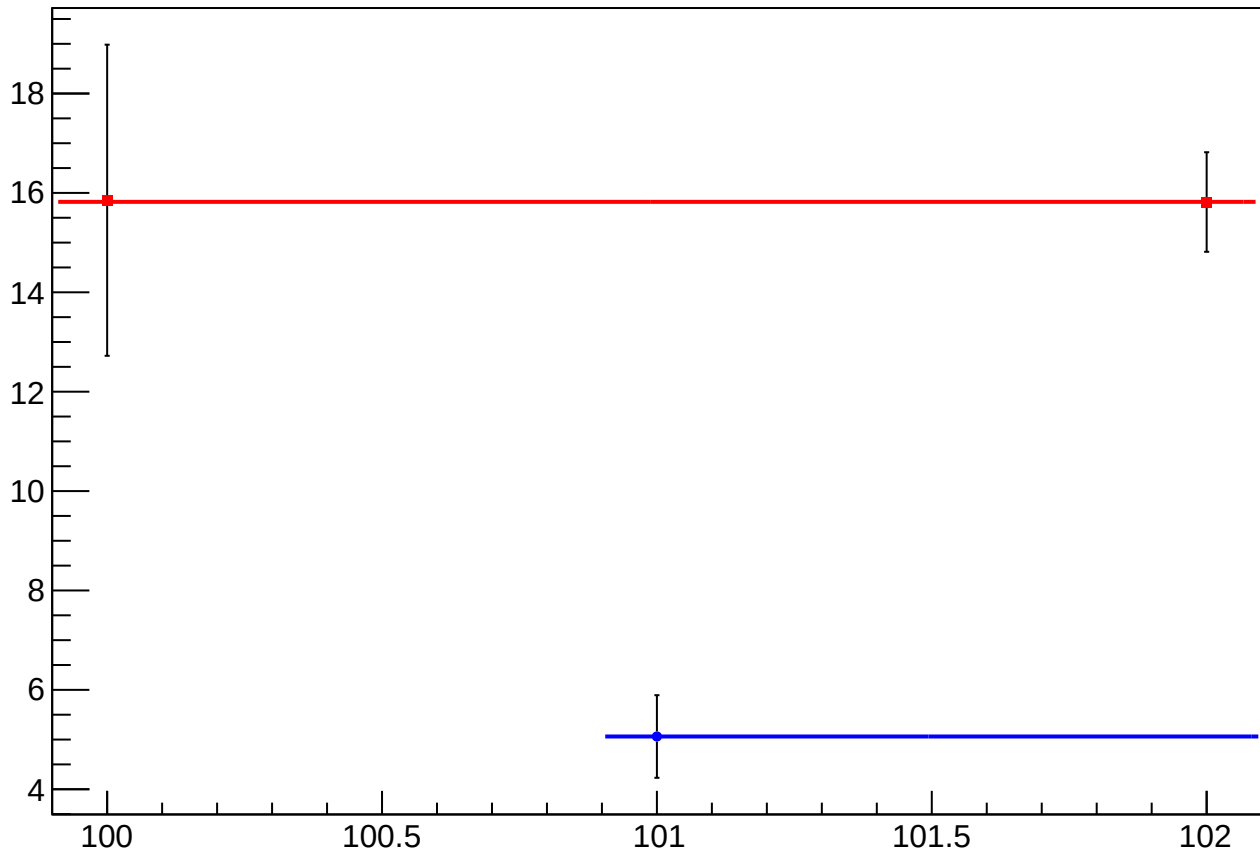
Right: 0.395 ± 0.043 χ^2/NDF : 5.7/2

In: 0.413 ± 0.064 χ^2/NDF : 0.0/0

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.395 ± 0.043 χ^2/NDF : 5.7/2

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 5.062 $\pm$ 0.831 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 15.820 $\pm$ 0.954 χ^2/NDF : 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

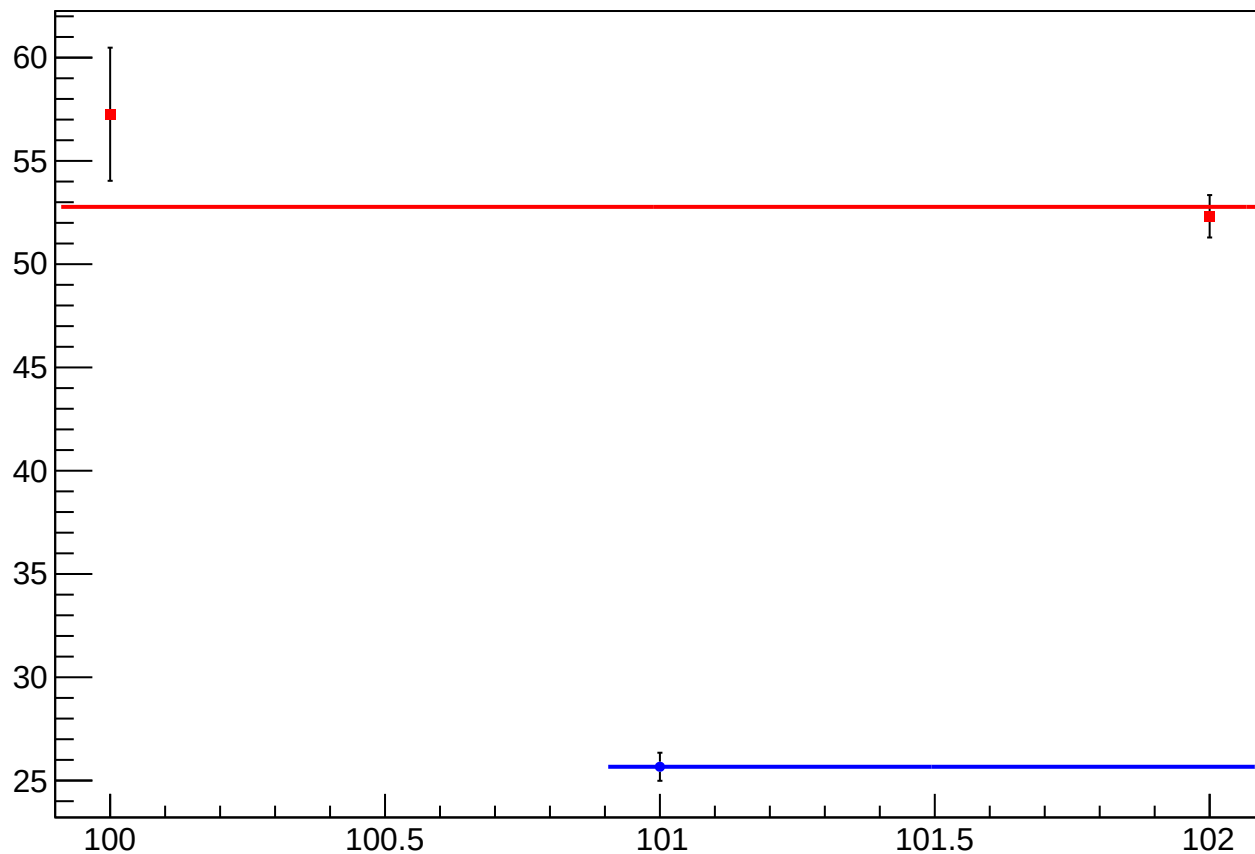
Right: 9.705 $\pm$ 0.627 χ^2/NDF : 72.3/2

In: 5.062 $\pm$ 0.831 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 9.705 $\pm$ 0.627 χ^2/NDF : 72.3/2

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 25.667+/-0.679 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.774+/-0.979 χ^2/NDF : 2.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

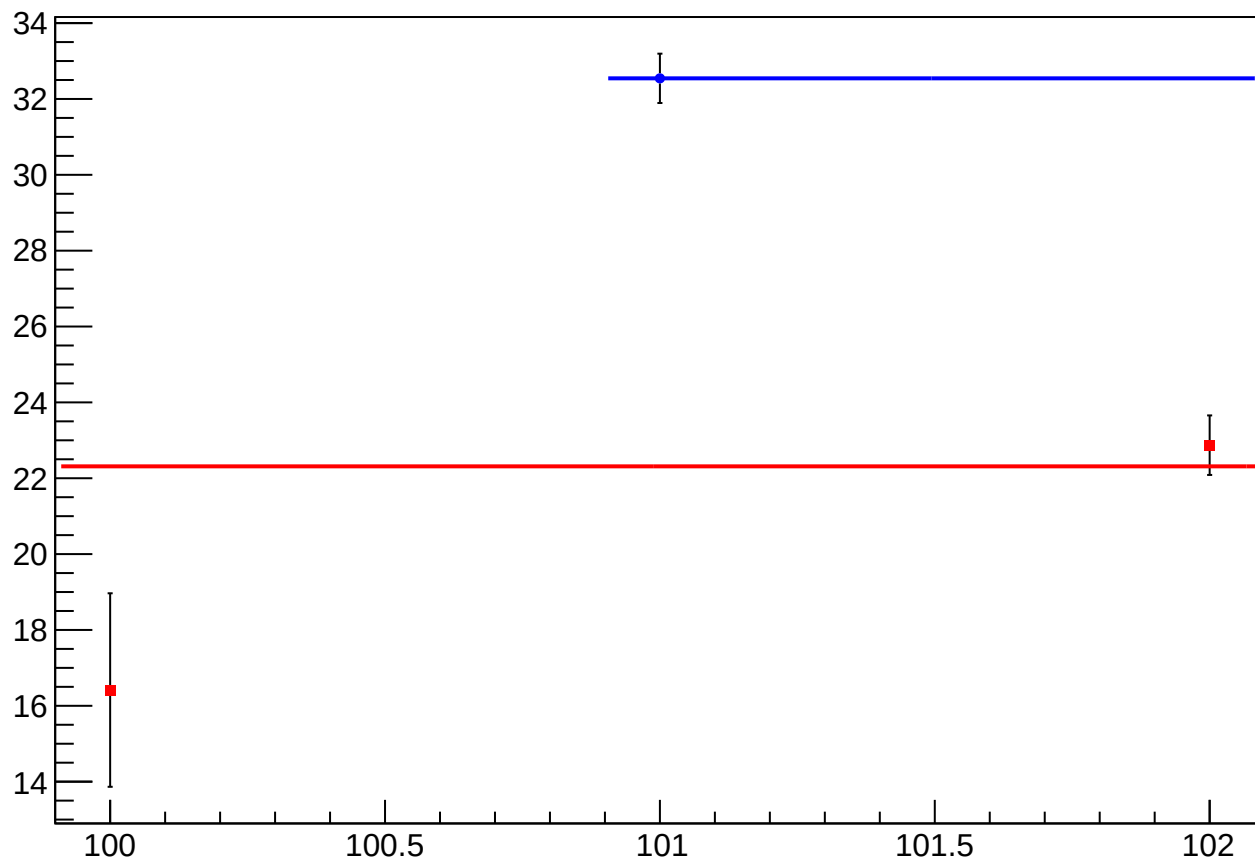
Right: 34.482+/-0.558 χ^2/NDF : 519.9/2

In: 25.667+/-0.679 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.482+/-0.558 χ^2/NDF : 519.9/2

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 32.544+/-0.650 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.313+/-0.750 χ^2/NDF : 5.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

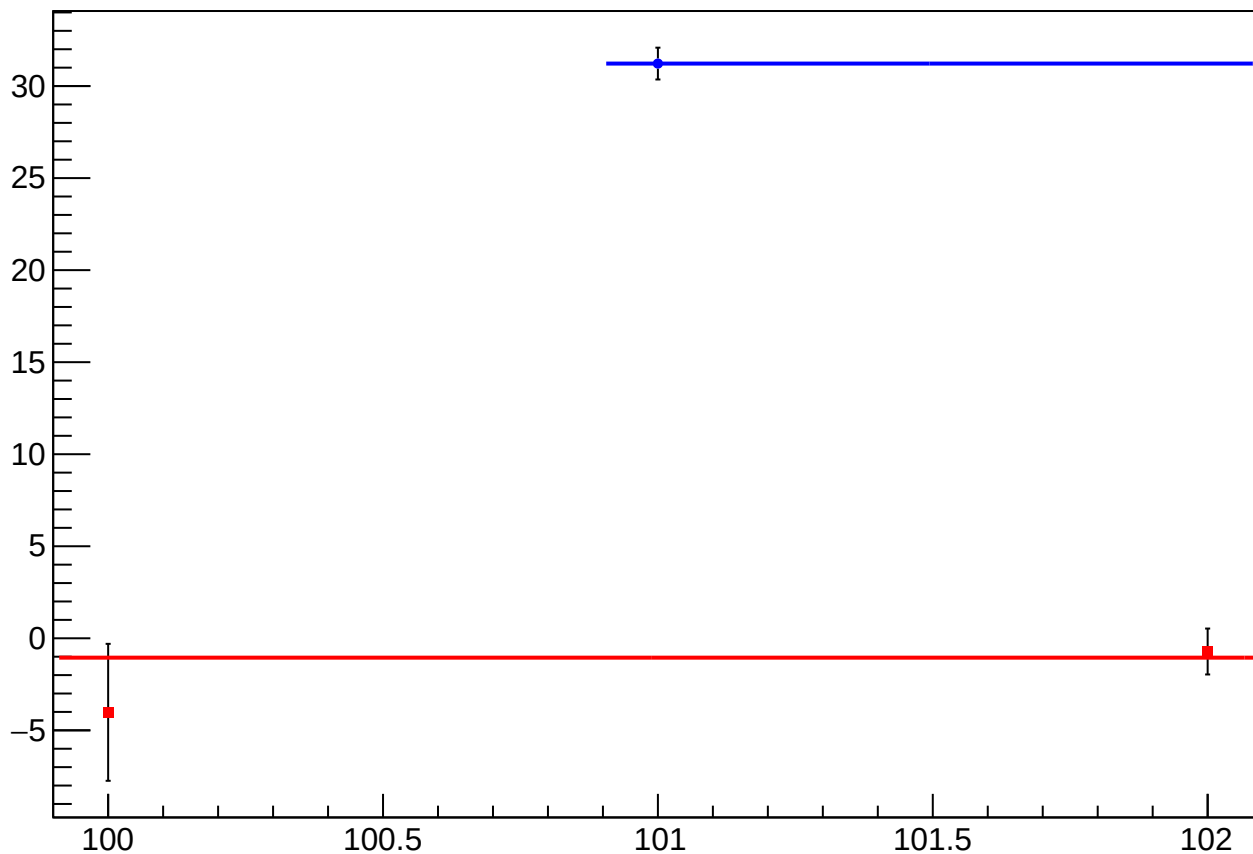
Right: 28.153+/-0.491 χ^2/NDF : 112.0/2

In: 32.544+/-0.650 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.153+/-0.491 χ^2/NDF : 112.0/2

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 31.221+/-0.864 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.052+/-1.183 χ^2/NDF : 0.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

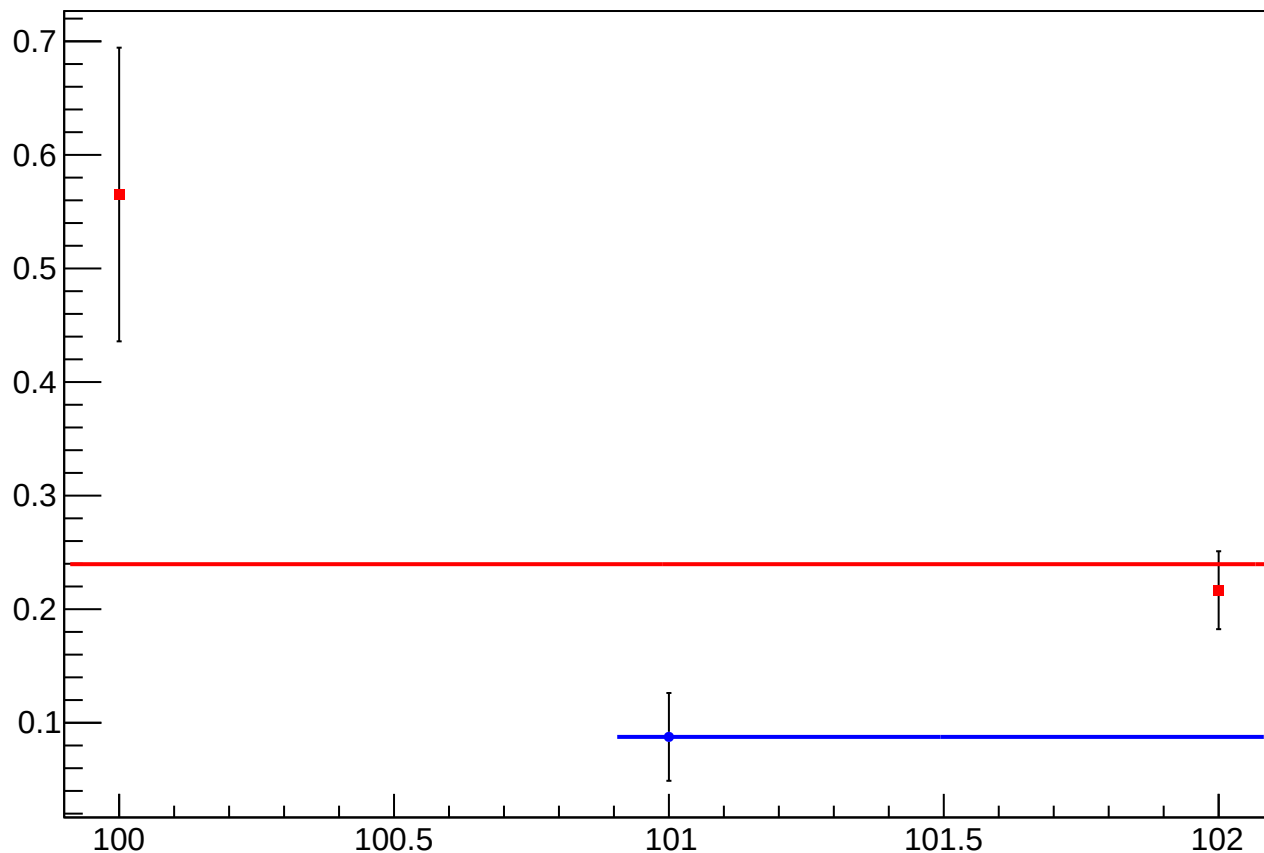
Right: 19.986+/-0.698 χ^2/NDF : 486.2/2

In: 31.221+/-0.864 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.986+/-0.698 χ^2/NDF : 486.2/2

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.088+/-0.039 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.240+/-0.033 χ^2/NDF : 6.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

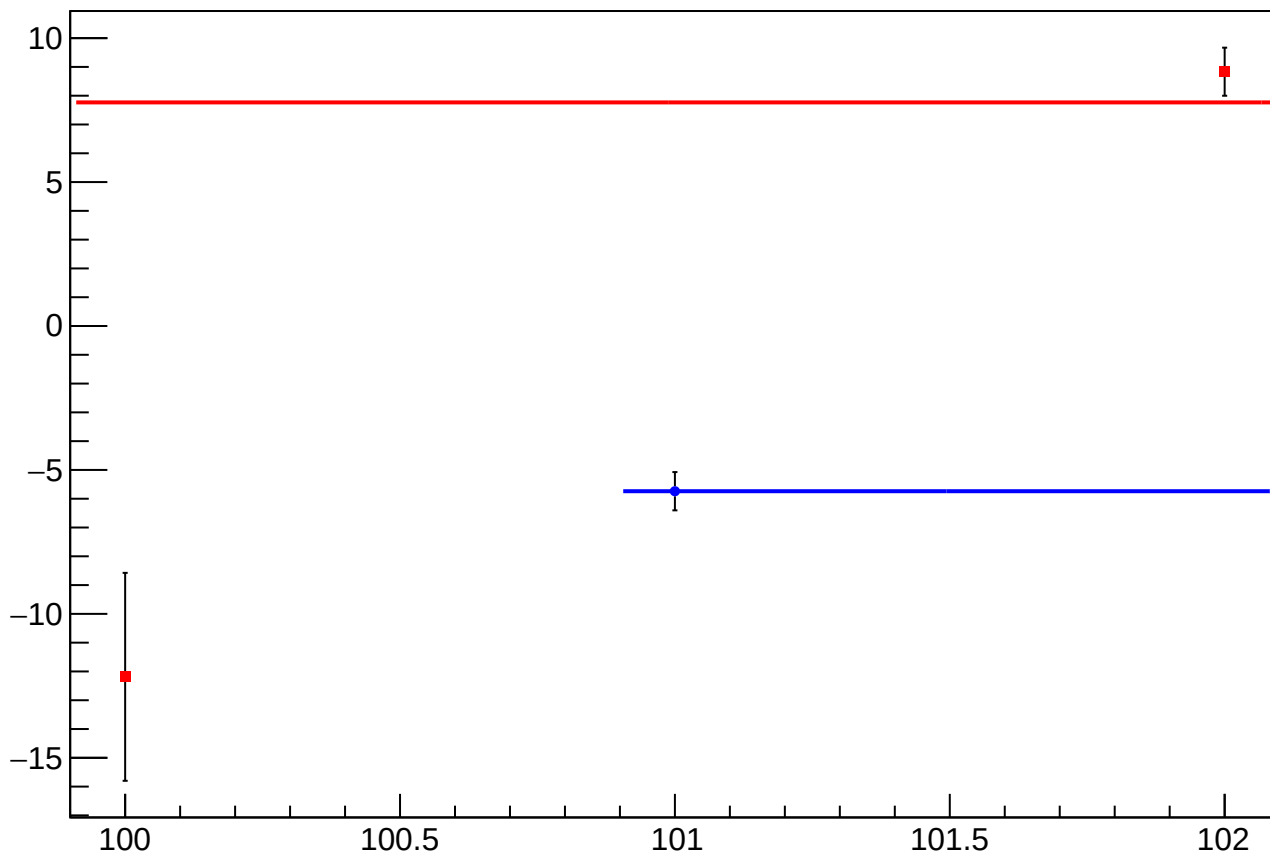
Right: 0.175+/-0.025 χ^2/NDF : 15.7/2

In: 0.088+/-0.039 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.175+/-0.025 χ^2/NDF : 15.7/2

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -5.739+/-0.665 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.767+/-0.813 χ^2/NDF : 32.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

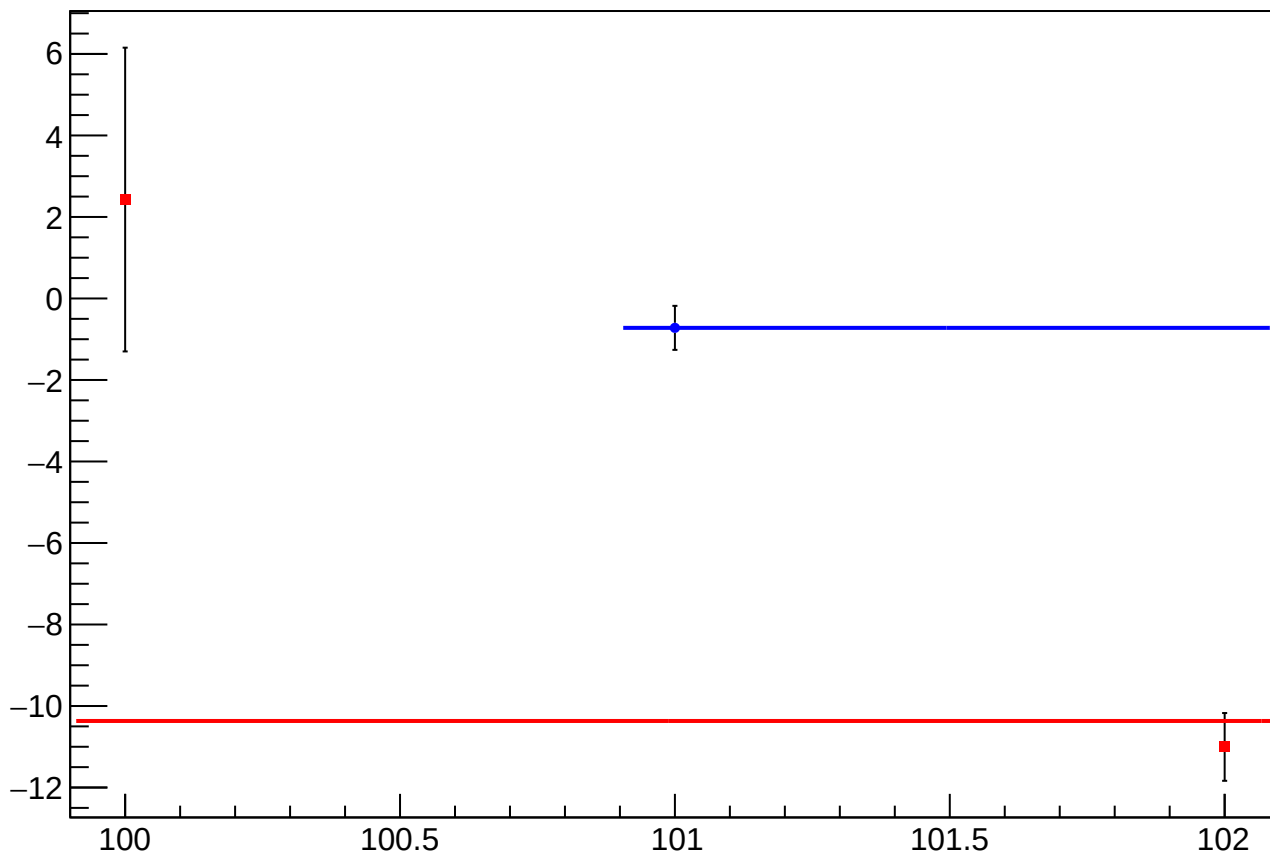
Right: -0.330+/-0.515 χ^2/NDF : 197.4/2

In: -5.739+/-0.665 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.330+/-0.515 χ^2/NDF : 197.4/2

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.721 ± 0.540 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -10.367 ± 0.811 $\chi^2/\text{NDF}: 12.4/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

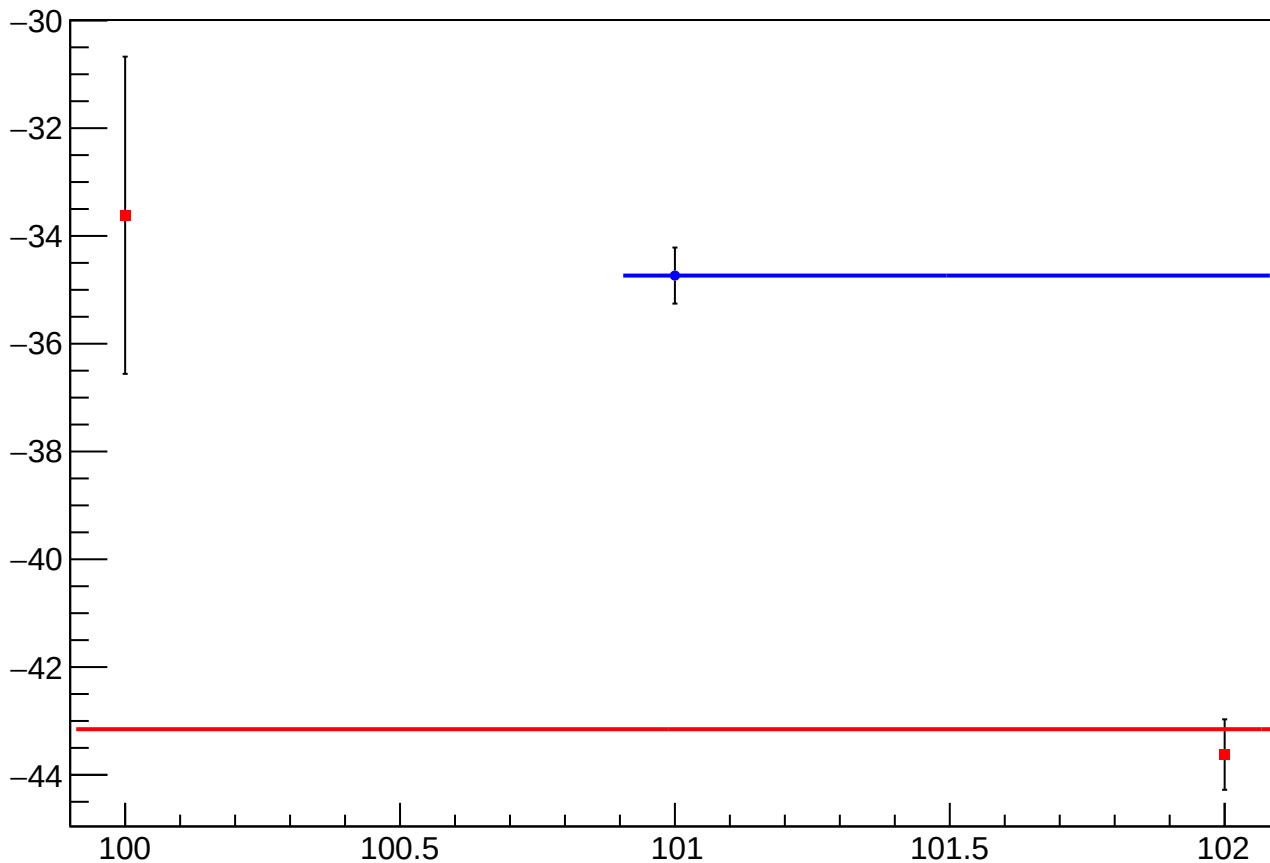
Right: -3.683 ± 0.450 $\chi^2/\text{NDF}: 110.3/2$

In: -0.721 ± 0.540 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -3.683 ± 0.450 $\chi^2/\text{NDF}: 110.3/2$

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -34.735 $\pm$ 0.520 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -43.153 $\pm$ 0.638 χ^2 /NDF: 11.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

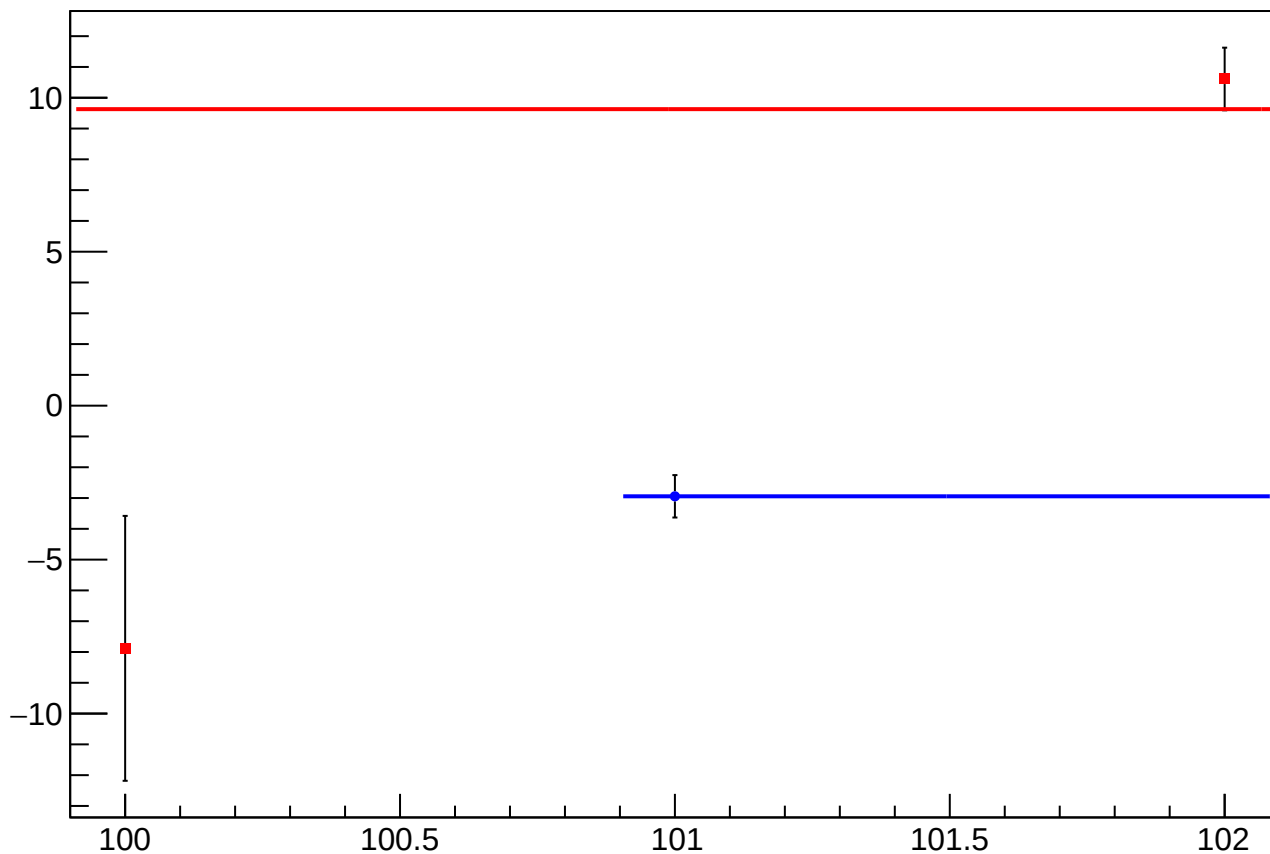
Right: -38.093 $\pm$ 0.403 χ^2 /NDF: 115.5/2

In: -34.735 $\pm$ 0.520 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -38.093 $\pm$ 0.403 χ^2 /NDF: 115.5/2

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.944 ± 0.689 χ^2/NDF : 0.0/0

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 9.630 ± 0.990 χ^2/NDF : 17.5/1

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

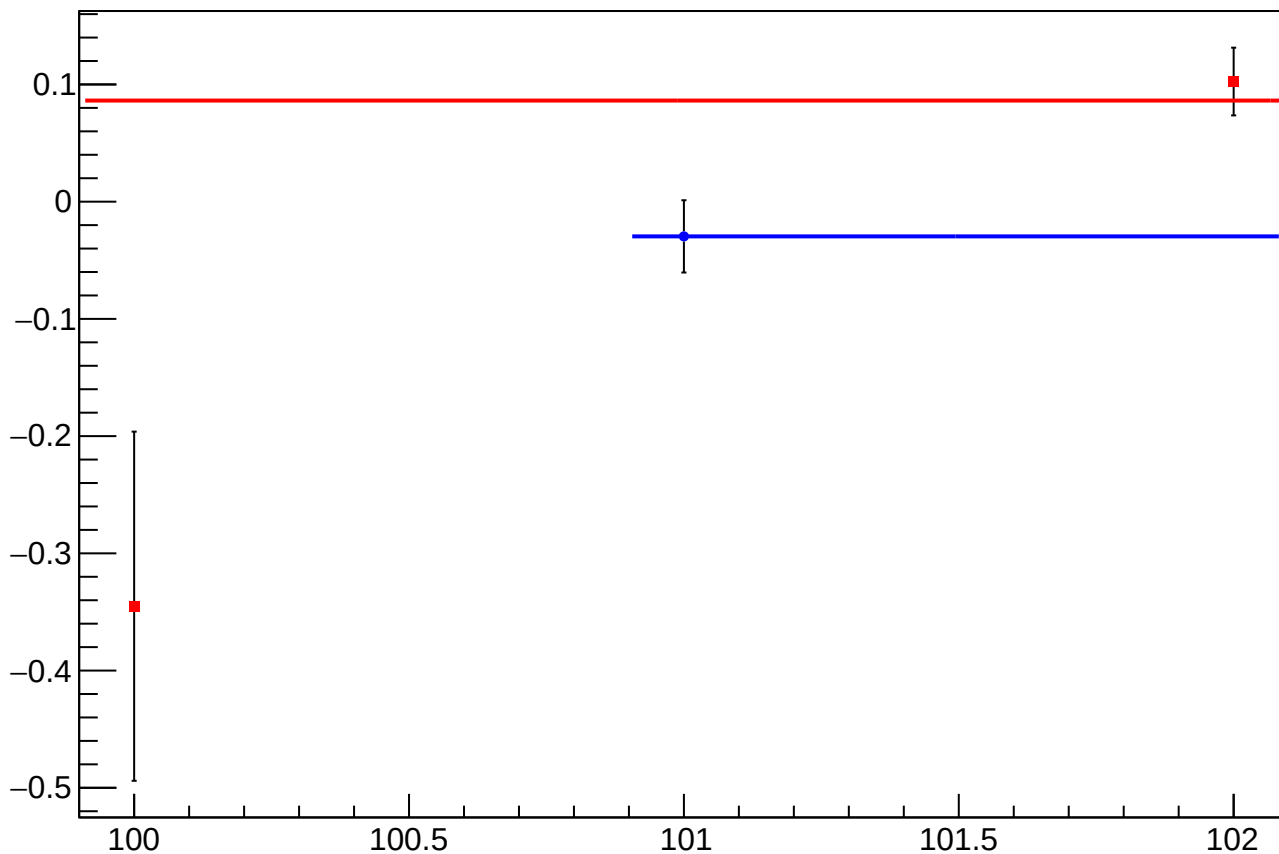
Right: 1.158 ± 0.565 χ^2/NDF : 126.2/2

In: -2.944 ± 0.689 χ^2/NDF : 0.0/0

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.158 ± 0.565 χ^2/NDF : 126.2/2

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.030+/-0.031 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.086+/-0.028 χ^2/NDF : 8.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

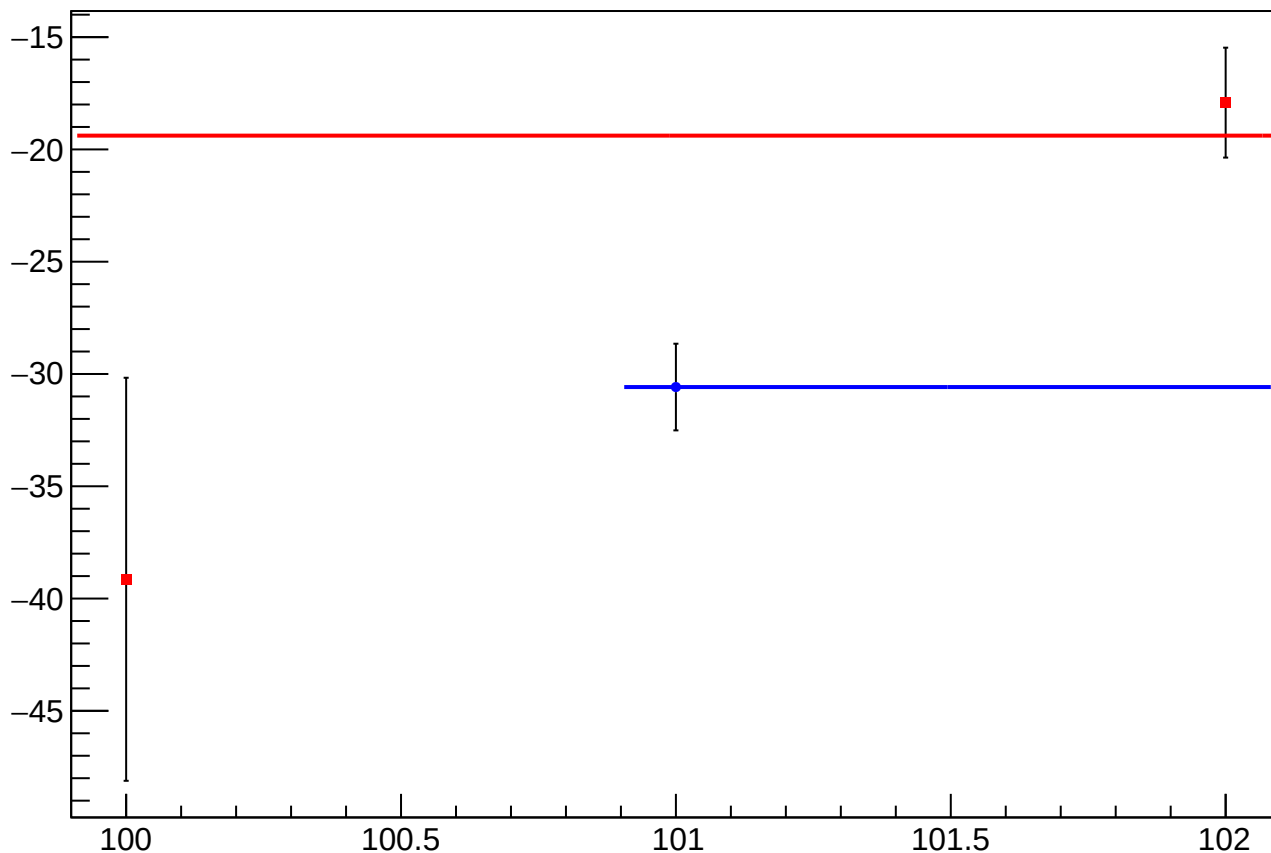
Right: 0.033+/-0.021 χ^2/NDF : 16.4/2

In: -0.030+/-0.031 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.033+/-0.021 χ^2/NDF : 16.4/2

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -30.582+/-1.930 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -19.386+/-2.361 χ^2/NDF : 5.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

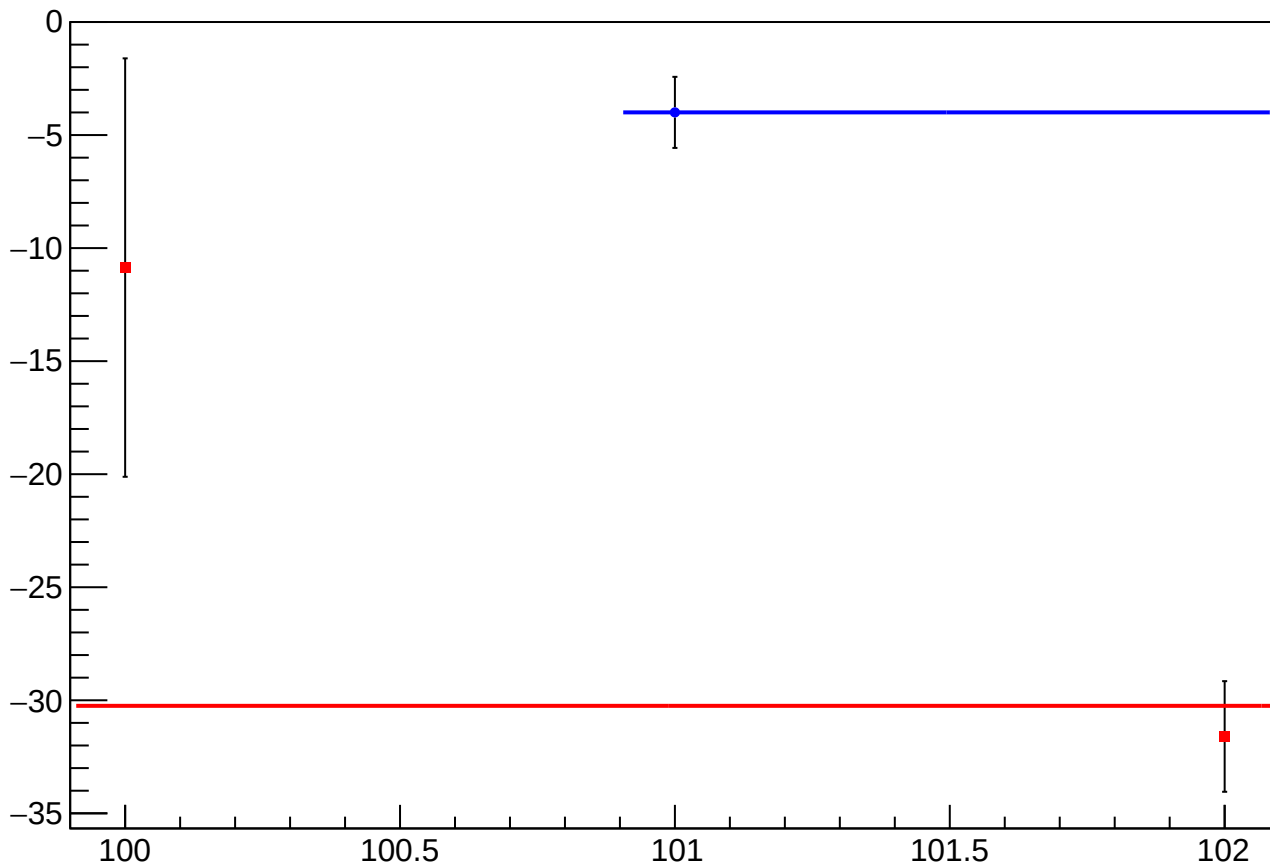
Right: -26.098+/-1.494 χ^2/NDF : 18.7/2

In: -30.582+/-1.930 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.098+/-1.494 χ^2/NDF : 18.7/2

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.997 $\pm$ 1.572 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -30.246 $\pm$ 2.365 χ^2 /NDF: 4.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

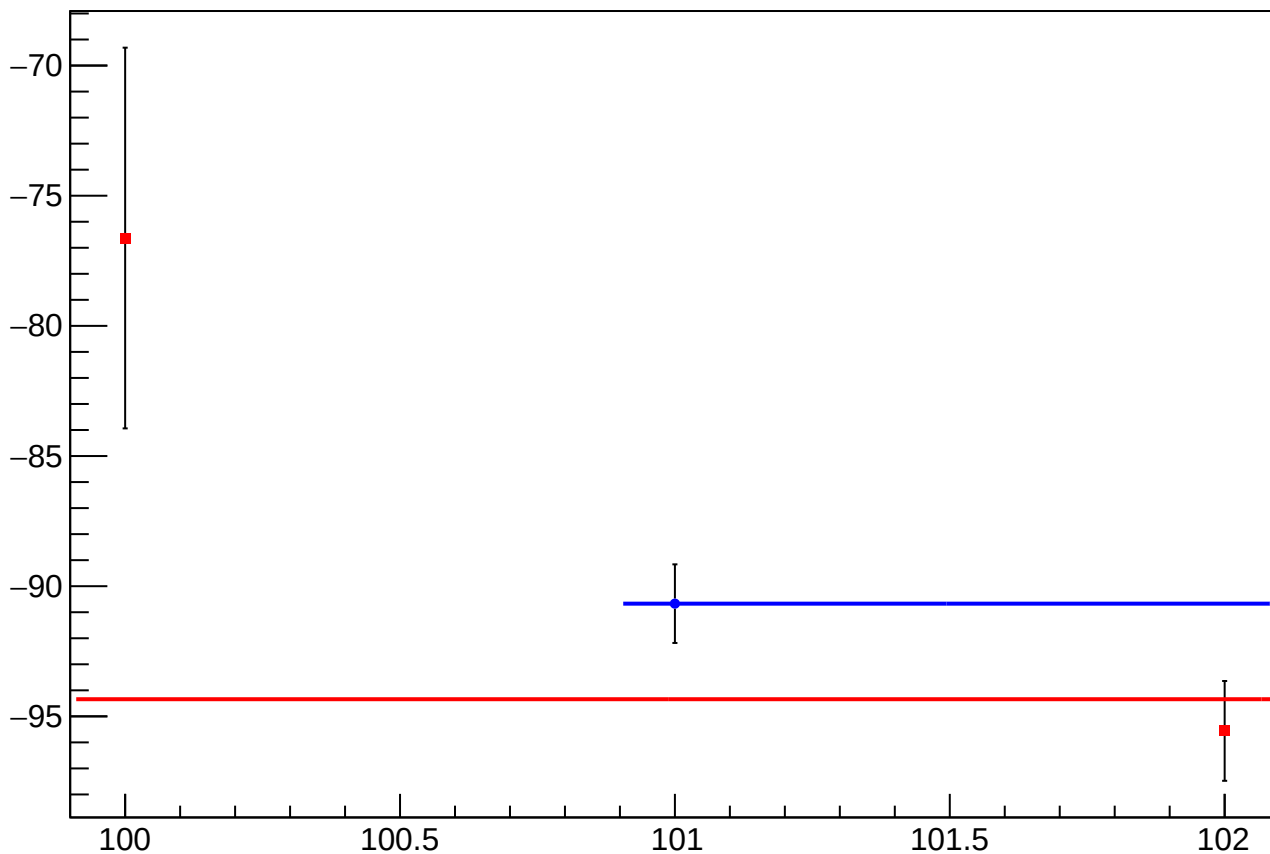
Right: -12.037 $\pm$ 1.309 χ^2 /NDF: 90.1/2

In: -3.997 $\pm$ 1.572 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -12.037 $\pm$ 1.309 χ^2 /NDF: 90.1/2

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -90.671+/-1.510 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -94.341+/-1.854 χ^2/NDF : 6.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

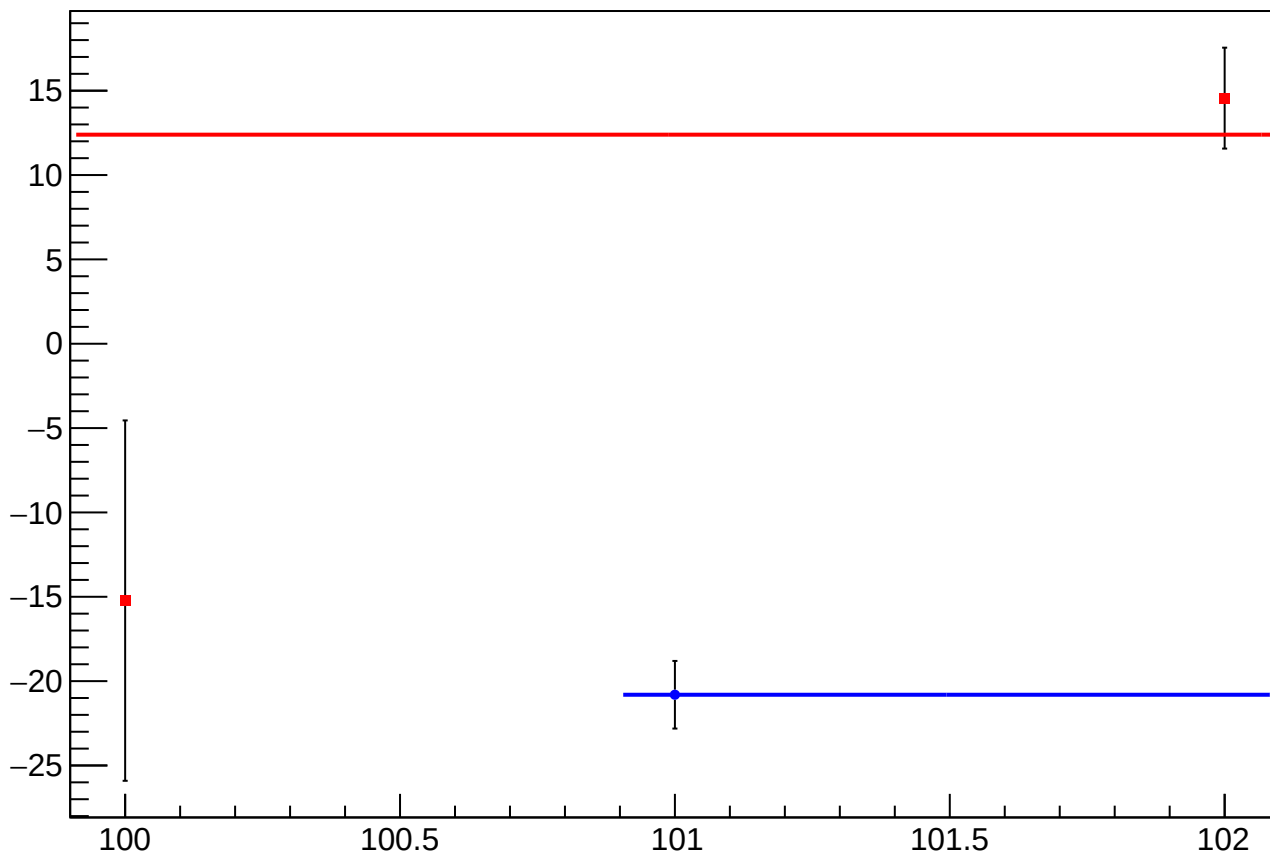
Right: -92.134+/-1.171 χ^2/NDF : 8.6/2

In: -90.671+/-1.510 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -92.134+/-1.171 χ^2/NDF : 8.6/2

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -20.807 $\pm$ 2.004 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 12.393 $\pm$ 2.880 χ^2 /NDF: 7.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

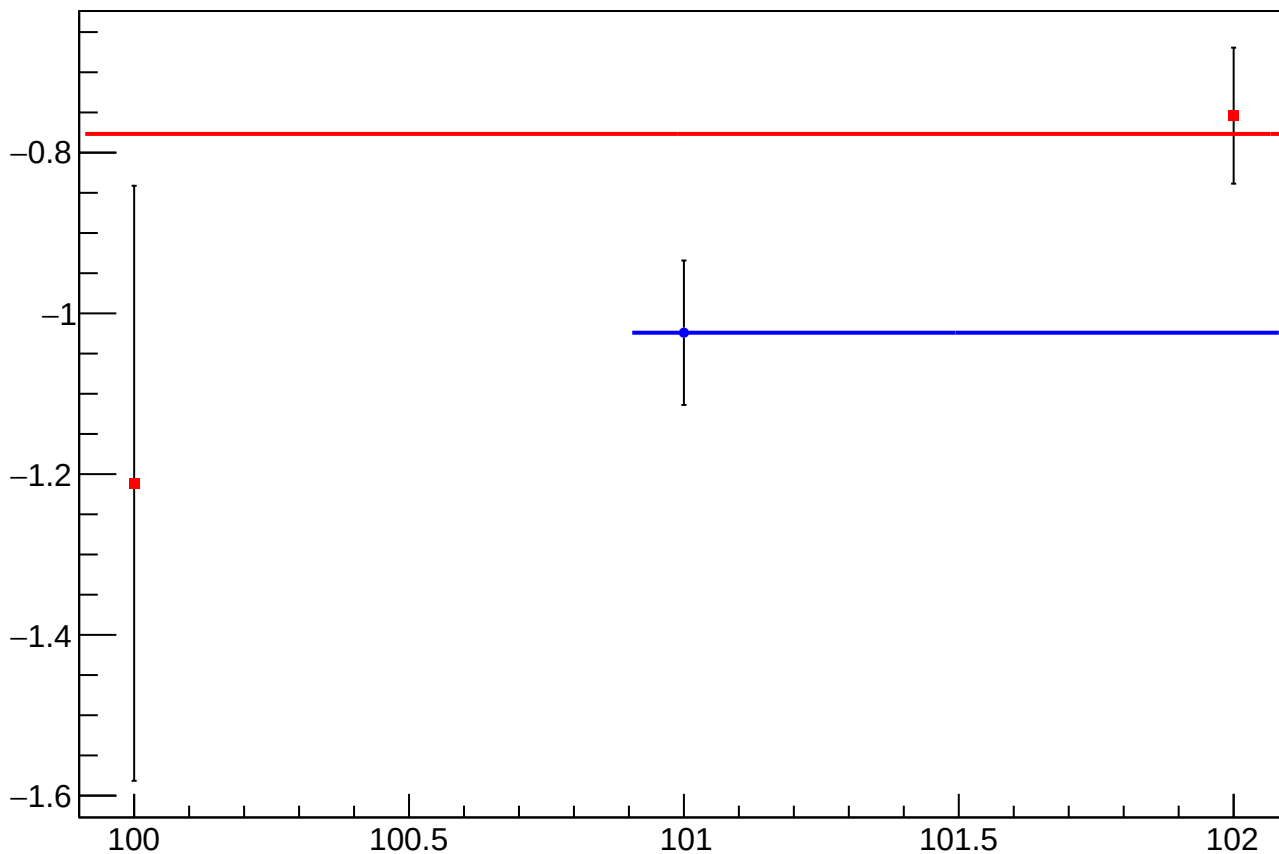
Right: -9.975 $\pm$ 1.645 χ^2 /NDF: 96.7/2

In: -20.807 $\pm$ 2.004 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -9.975 $\pm$ 1.645 χ^2 /NDF: 96.7/2

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.024 $\pm$ 0.090 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.777 $\pm$ 0.082 χ^2 /NDF: 1.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

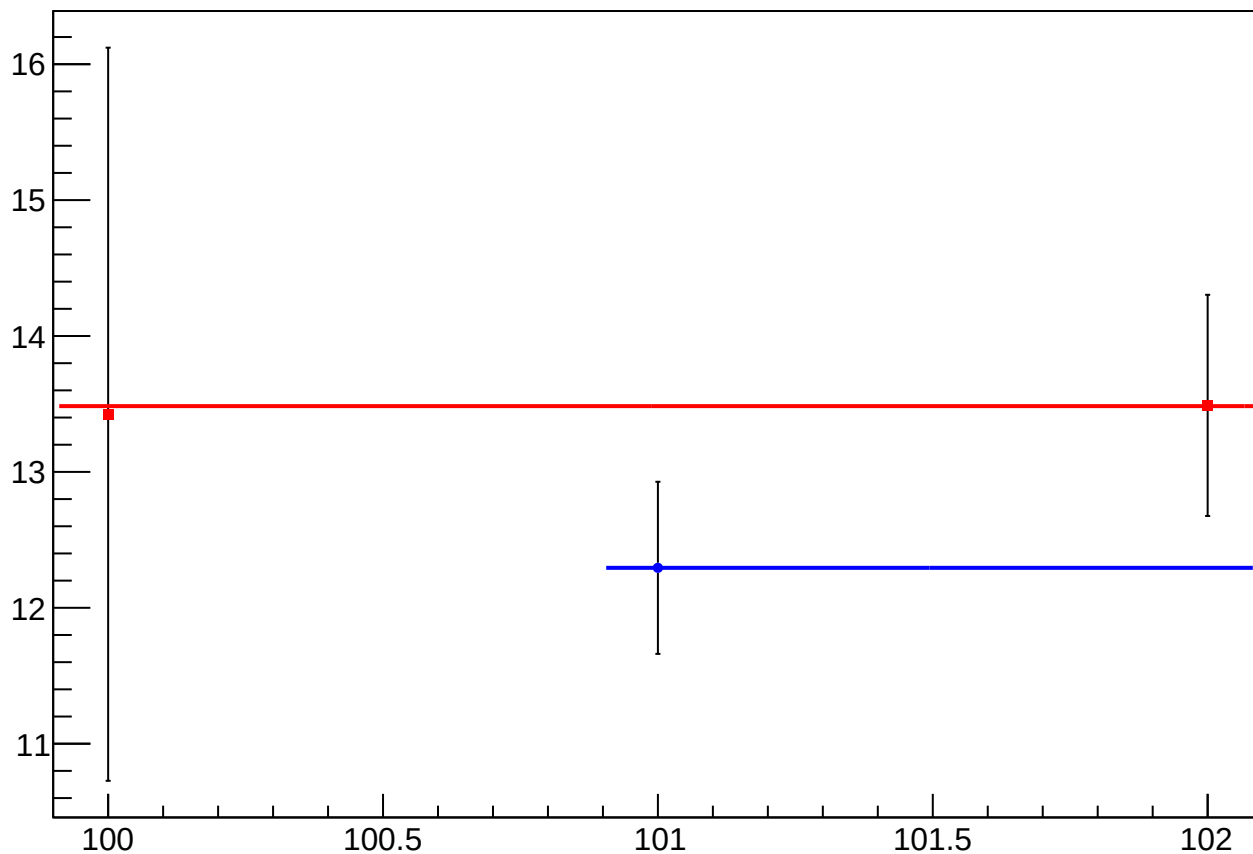
Right: -0.890 $\pm$ 0.061 χ^2 /NDF: 5.6/2

In: -1.024 $\pm$ 0.090 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.890 $\pm$ 0.061 χ^2 /NDF: 5.6/2

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 12.294 ± 0.633 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 13.484 ± 0.779 $\chi^2/\text{NDF}: 0.0/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

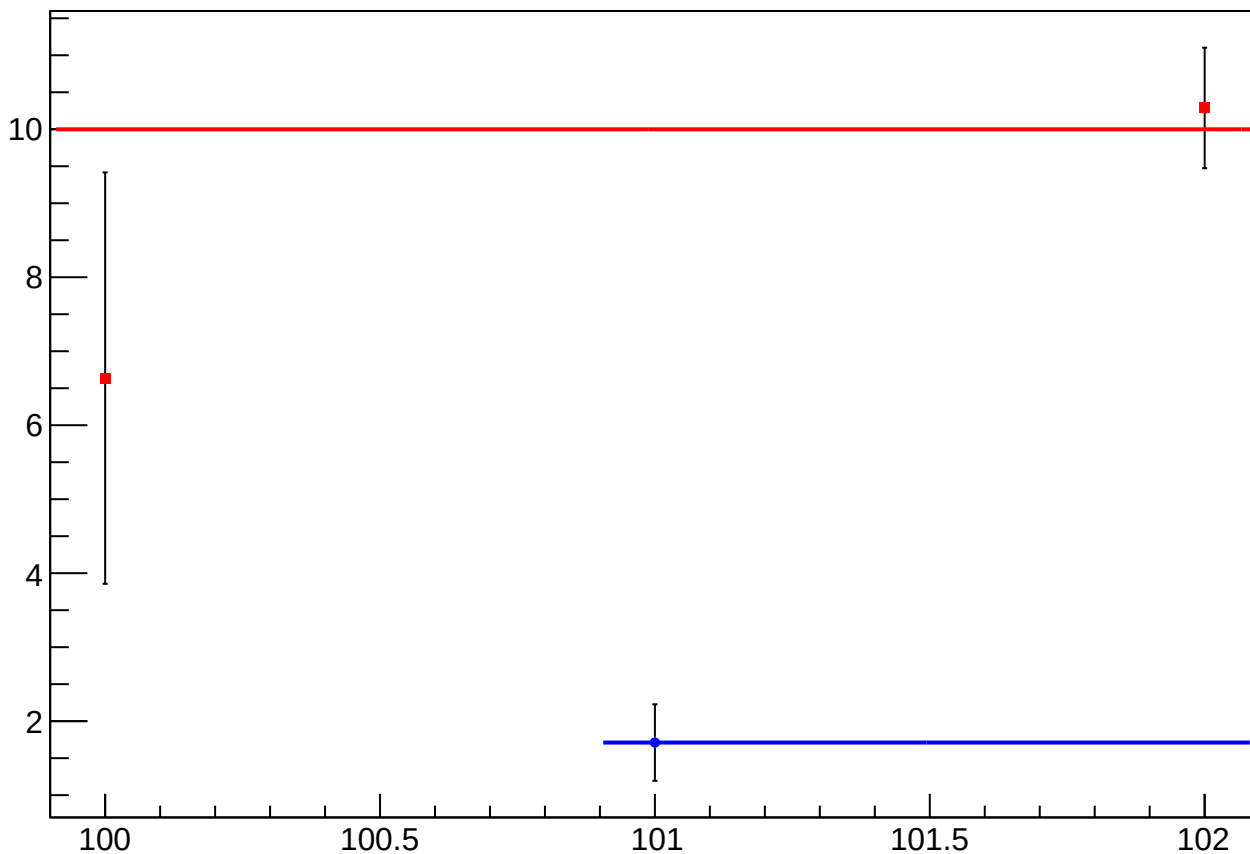
Right: 12.767 ± 0.491 $\chi^2/\text{NDF}: 1.4/2$

In: 12.294 ± 0.633 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 12.767 ± 0.491 $\chi^2/\text{NDF}: 1.4/2$

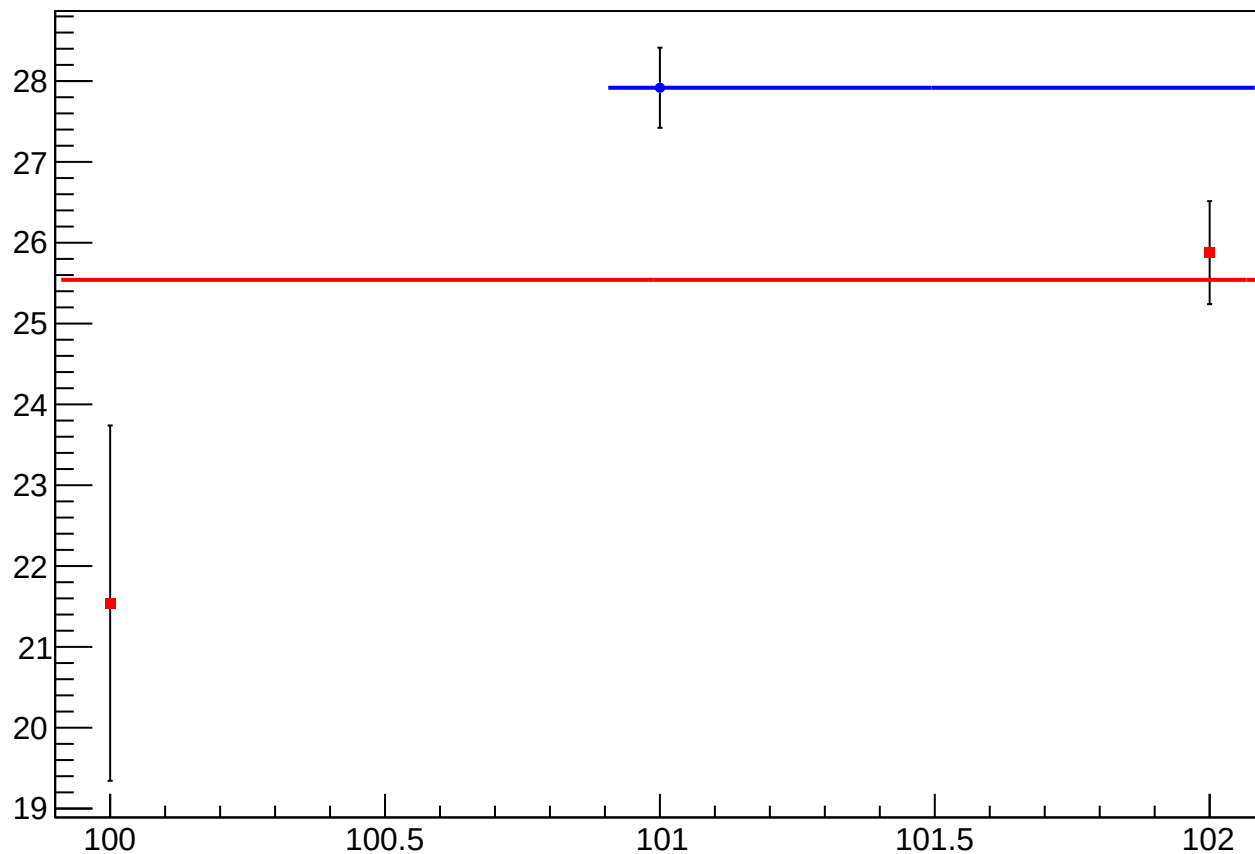
reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.711+/-0.517 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 9.999+/-0.782 χ^2/NDF : 1.6/1
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 4.233+/-0.431 χ^2/NDF : 79.8/2
 In: 1.711+/-0.517 χ^2/NDF : 0.0/0
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 4.233+/-0.431 χ^2/NDF : 79.8/2

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.917 $\pm$ 0.496 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 25.541 $\pm$ 0.612 χ^2 /NDF: 3.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

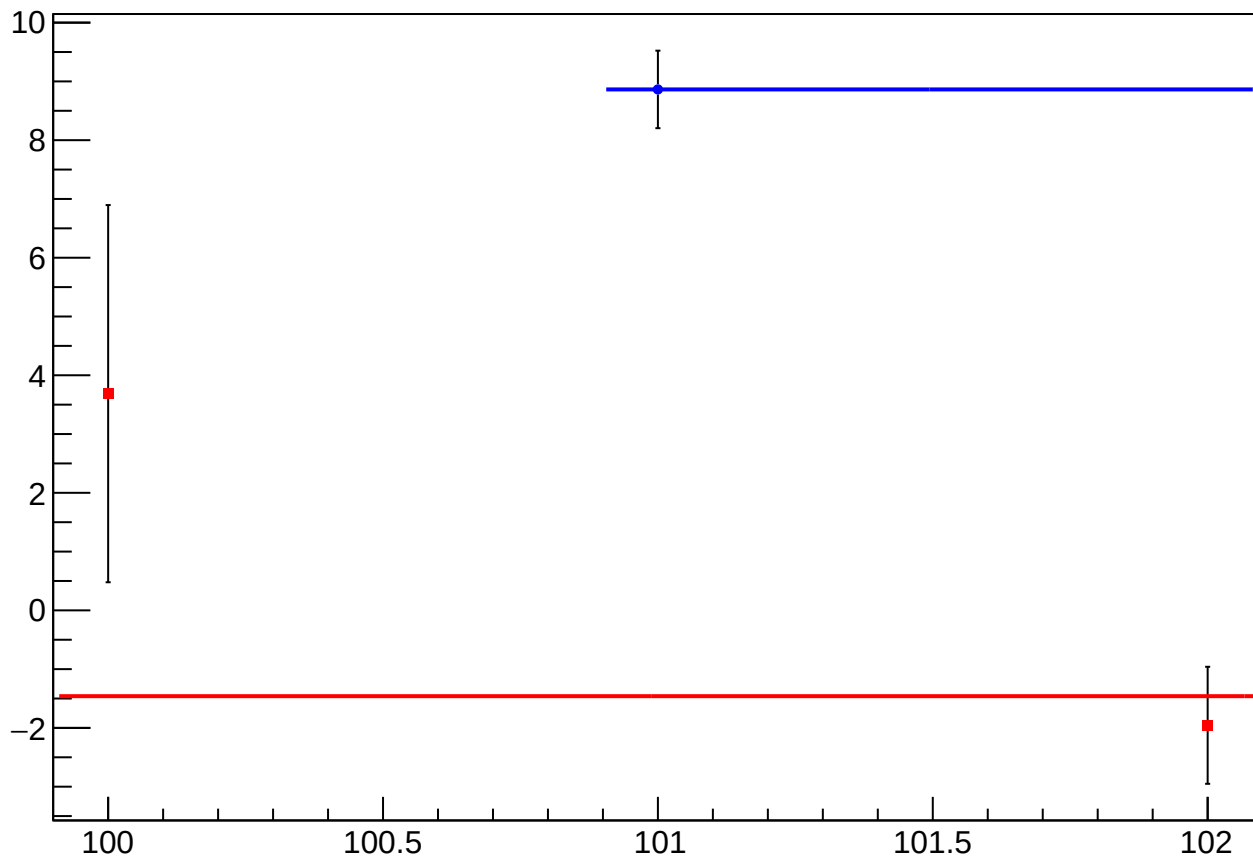
Right: 26.976 $\pm$ 0.385 χ^2 /NDF: 12.7/2

In: 27.917 $\pm$ 0.496 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 26.976 $\pm$ 0.385 χ^2 /NDF: 12.7/2

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.864+/-0.659 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.460+/-0.951 χ^2/NDF : 2.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

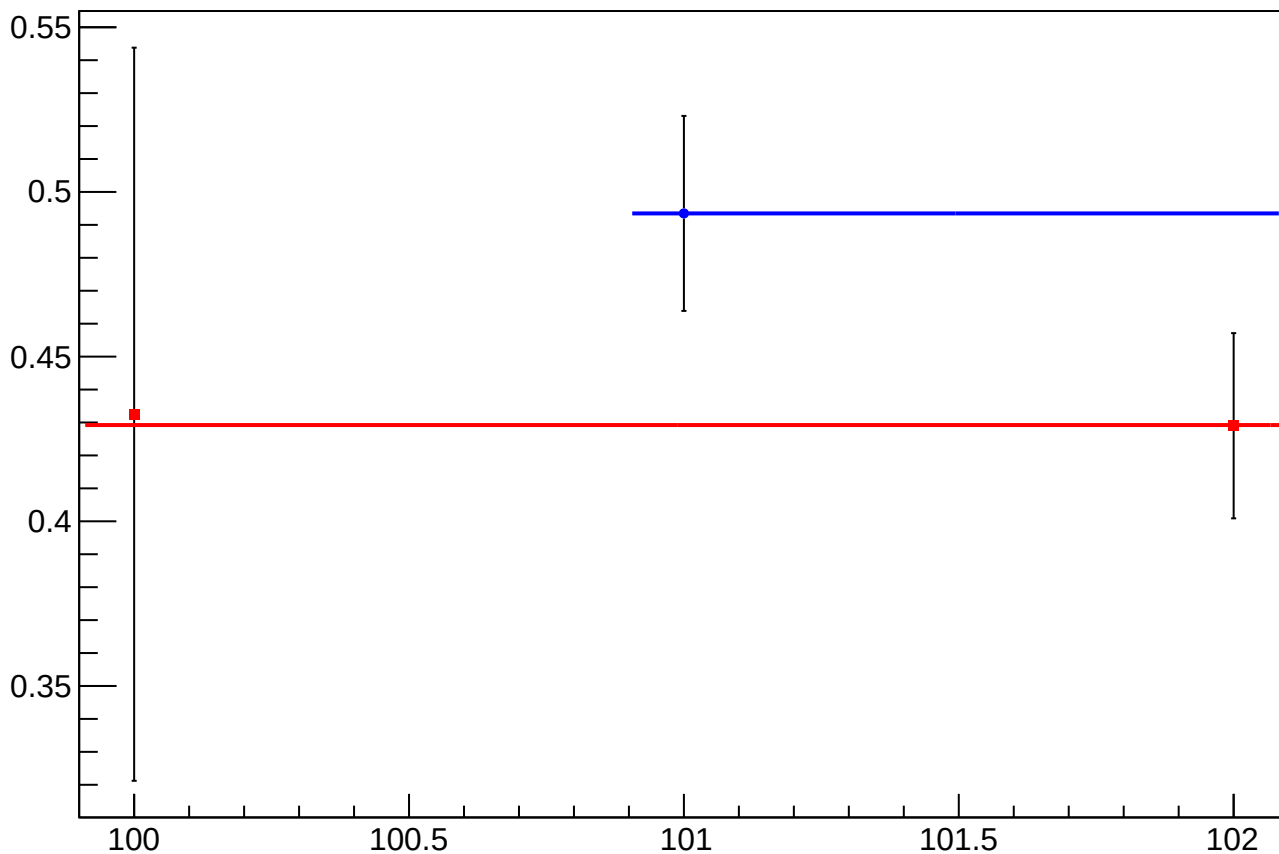
Right: 5.511+/-0.542 χ^2/NDF : 82.4/2

In: 8.864+/-0.659 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.511+/-0.542 χ^2/NDF : 82.4/2

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.493+/-0.030 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.429+/-0.027 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

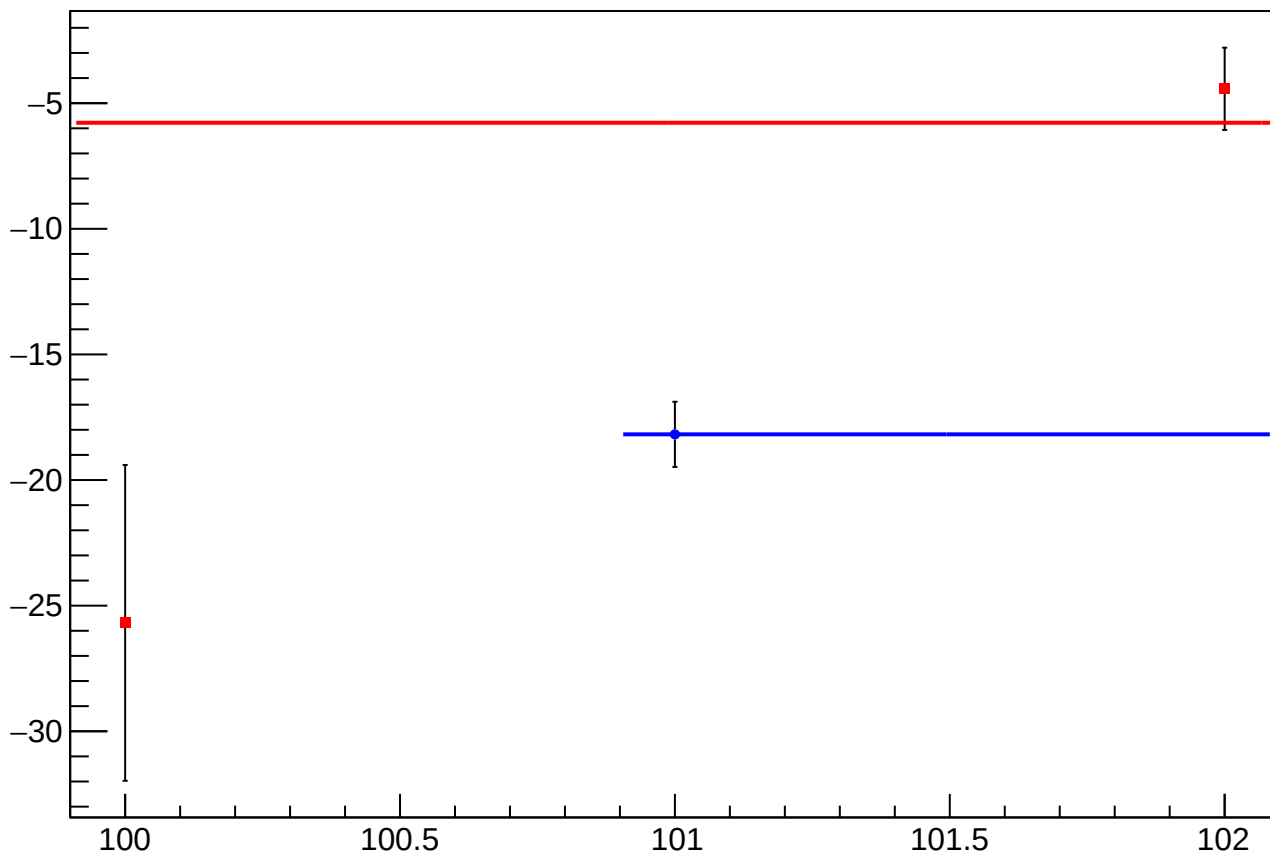
Right: 0.459+/-0.020 χ^2/NDF : 2.6/2

In: 0.493+/-0.030 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.459+/-0.020 χ^2/NDF : 2.6/2

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -18.181+/-1.297 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.778+/-1.585 χ^2/NDF : 10.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

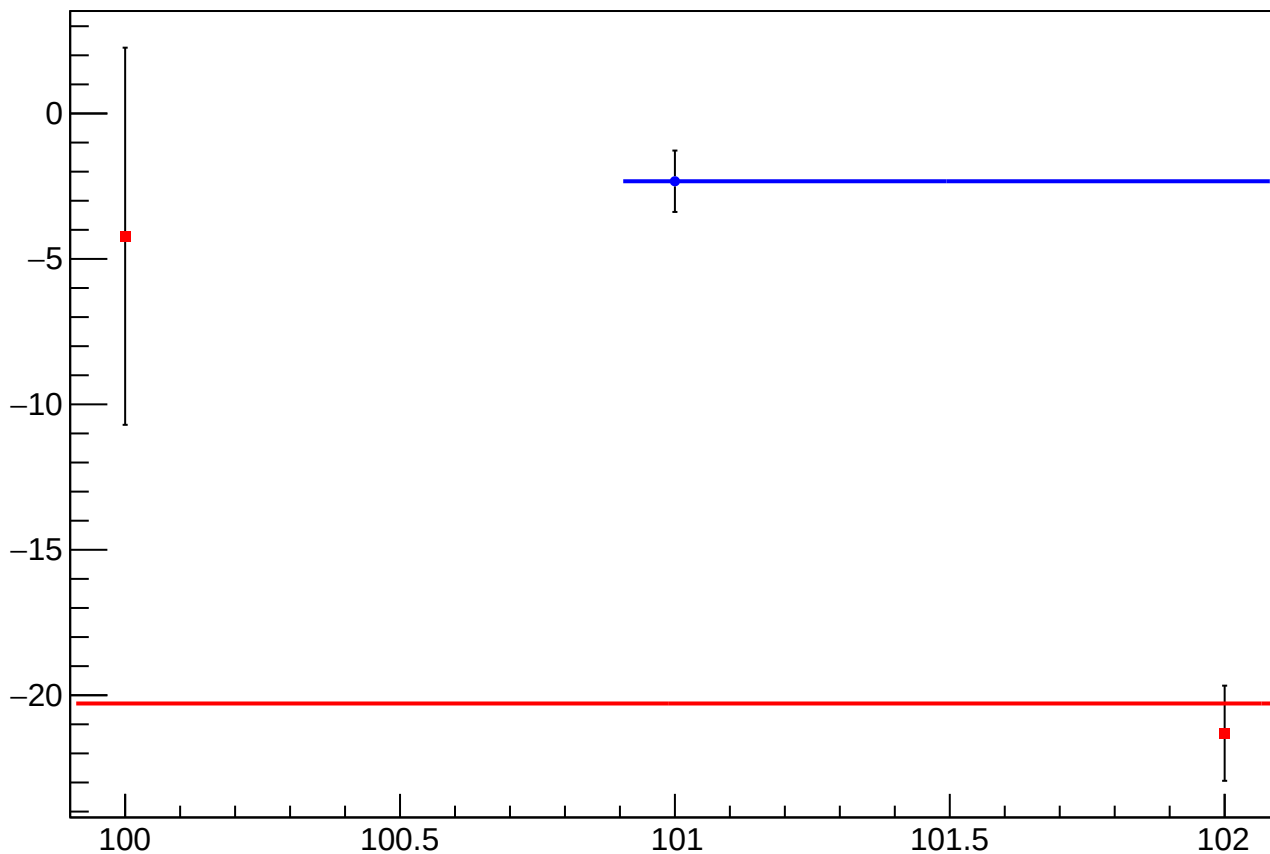
Right: -13.207+/-1.003 χ^2/NDF : 47.4/2

In: -18.181+/-1.297 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.207+/-1.003 χ^2/NDF : 47.4/2

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.330+/-1.055 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.284+/-1.586 χ^2/NDF : 6.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

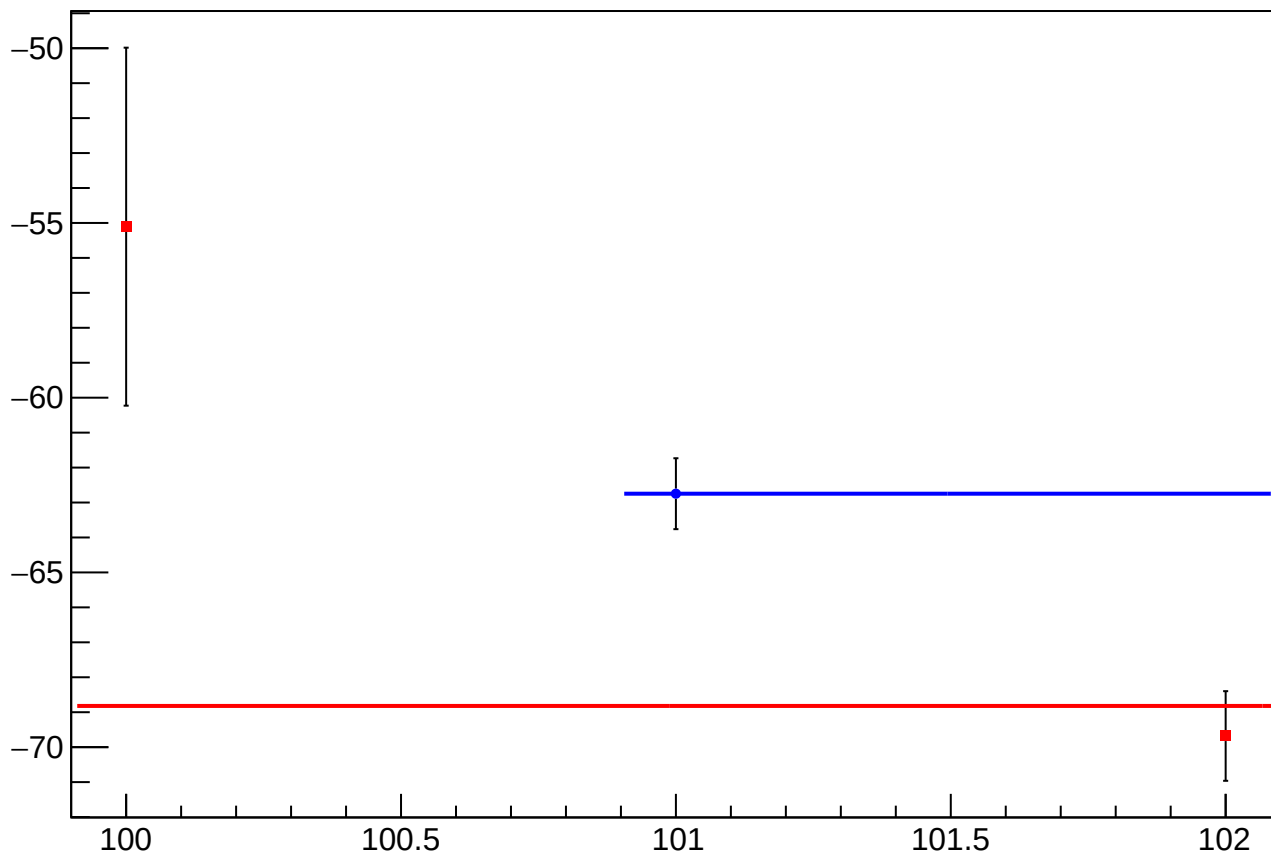
Right: -7.840+/-0.879 χ^2/NDF : 95.4/2

In: -2.330+/-1.055 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.840+/-0.879 χ^2/NDF : 95.4/2

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.747±/-1.015 χ^2 /NDF: 0.0/0

Left Out: 0.000±/-0.000 χ^2 /NDF:0.0/0

Right Out: -68.820±/-1.244 χ^2 /NDF: 7.6/1

Left In: 0.000±/-0.000 χ^2 /NDF:0.0/0

Left: 0.000±/-0.000 χ^2 /NDF: 0.0/0

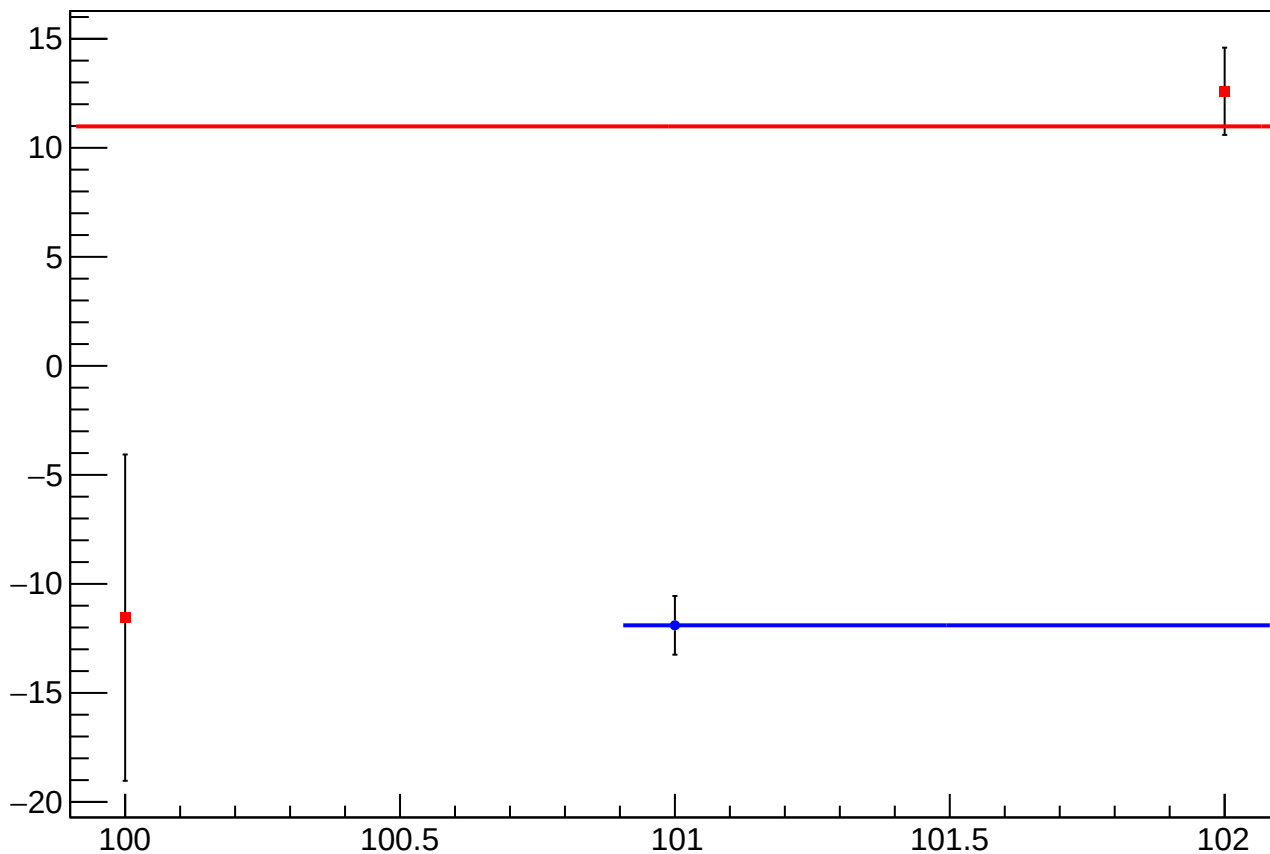
Right: -65.173±/-0.786 χ^2 /NDF: 21.9/2

In: -62.747±/-1.015 χ^2 /NDF:0.0/0

Out: 0.000±/-0.000 χ^2 /NDF:0.0/0

All: -65.173±/-0.786 χ^2 /NDF: 21.9/2

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -11.900 $\pm$ 1.346 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.985 $\pm$ 1.932 χ^2 /NDF: 9.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

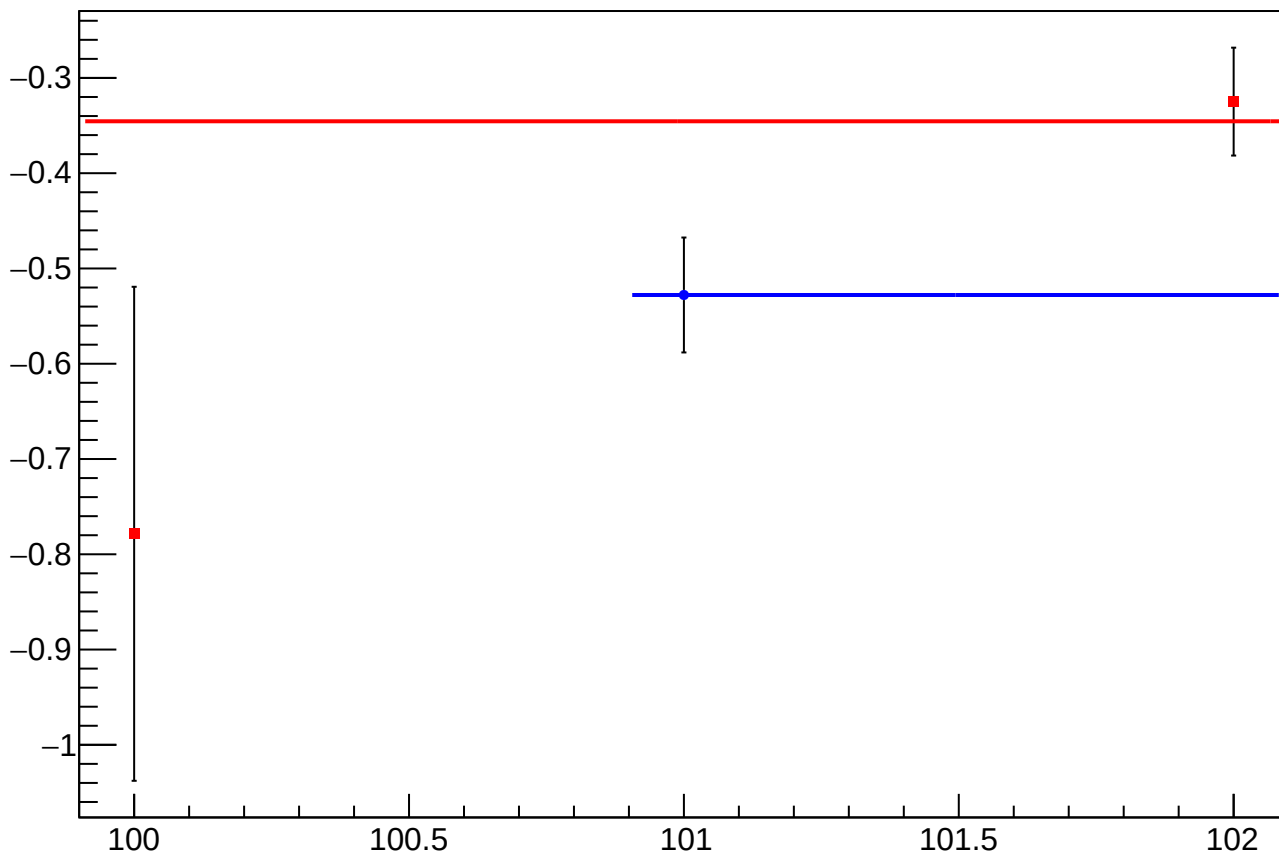
Right: -4.425 $\pm$ 1.104 χ^2 /NDF: 104.2/2

In: -11.900 $\pm$ 1.346 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -4.425 $\pm$ 1.104 χ^2 /NDF: 104.2/2

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.528 $\pm$ 0.060 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.346 $\pm$ 0.055 χ^2/NDF : 2.9/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

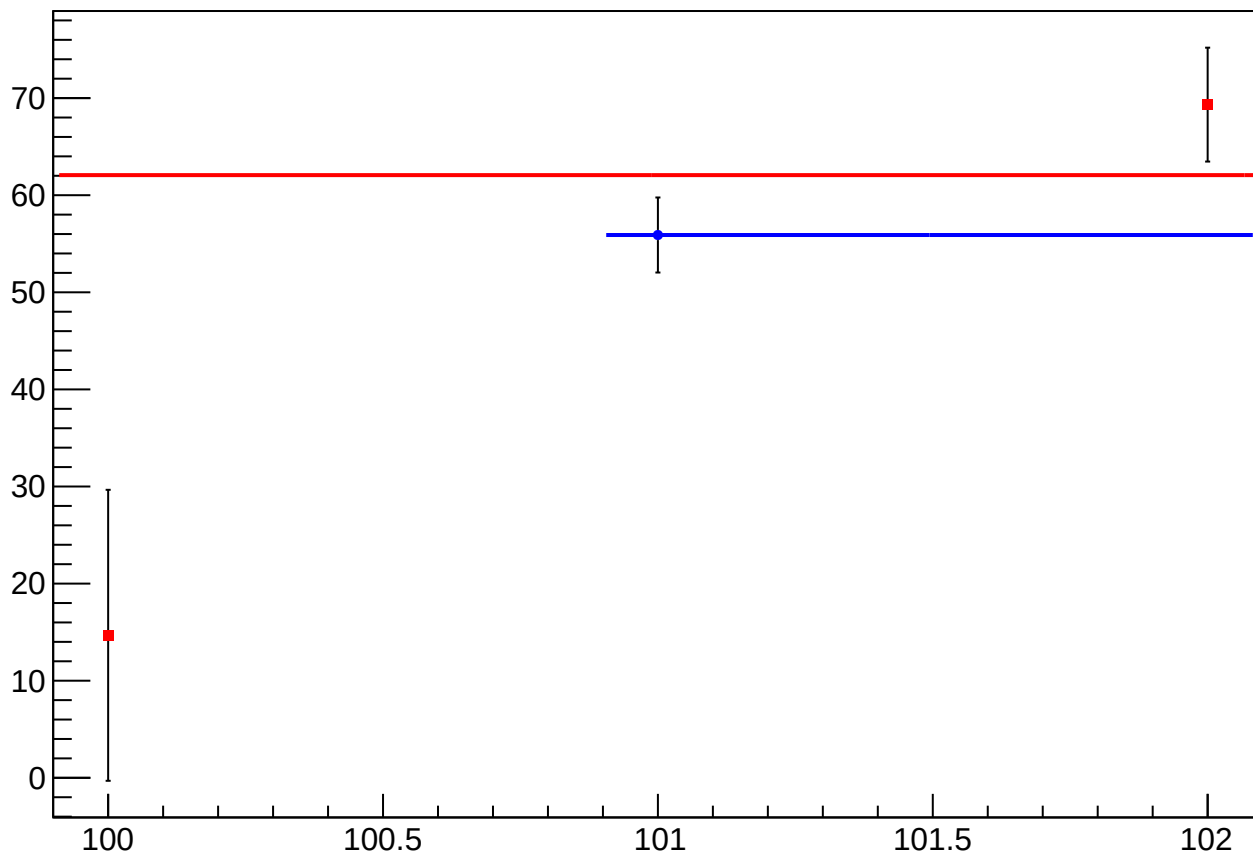
Right: -0.429 $\pm$ 0.041 χ^2/NDF : 7.9/2

In: -0.528 $\pm$ 0.060 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.429 $\pm$ 0.041 χ^2/NDF : 7.9/2

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 55.901+/-3.864 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.068+/-5.461 χ^2/NDF : 11.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

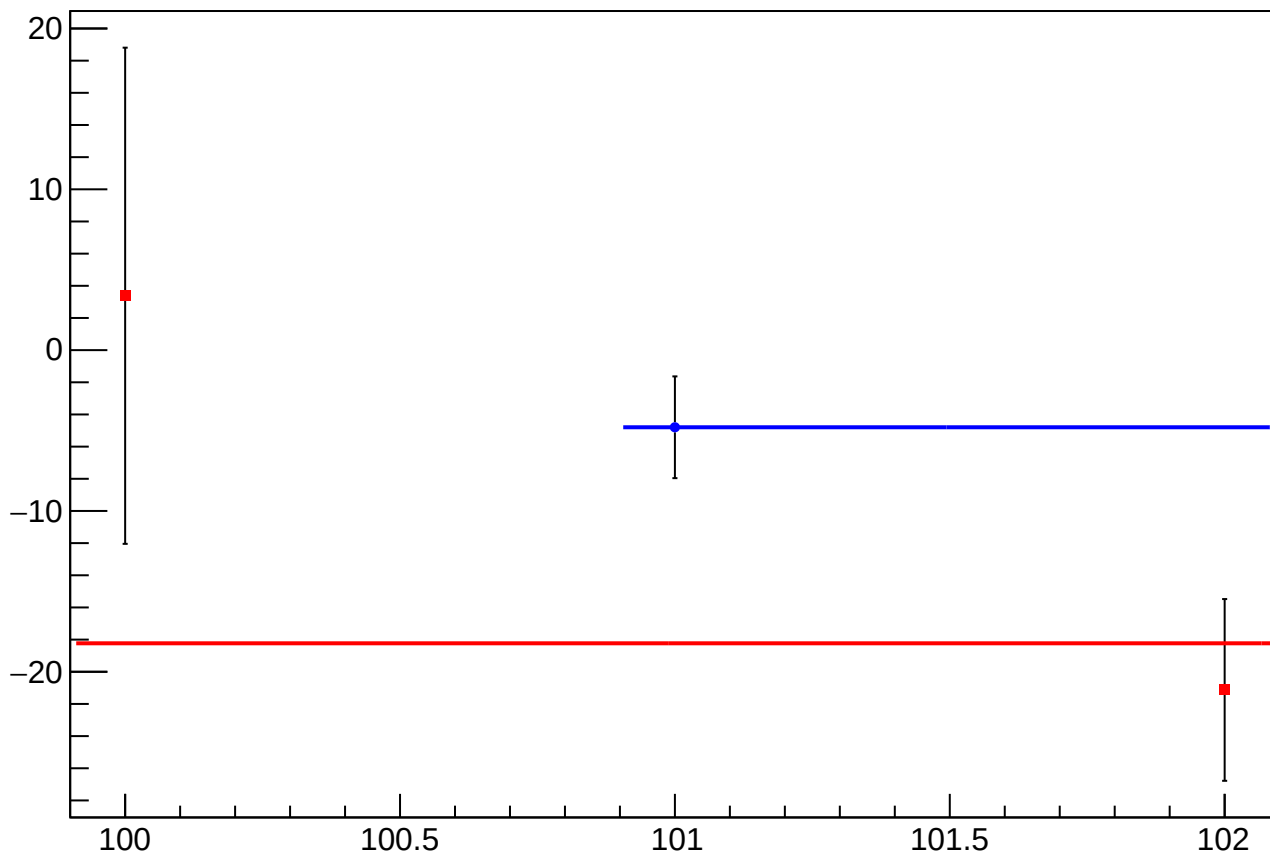
Right: 57.958+/-3.154 χ^2/NDF : 12.4/2

In: 55.901+/-3.864 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.958+/-3.154 χ^2/NDF : 12.4/2

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.796+/-3.164 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.229+/-5.306 χ^2/NDF : 2.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

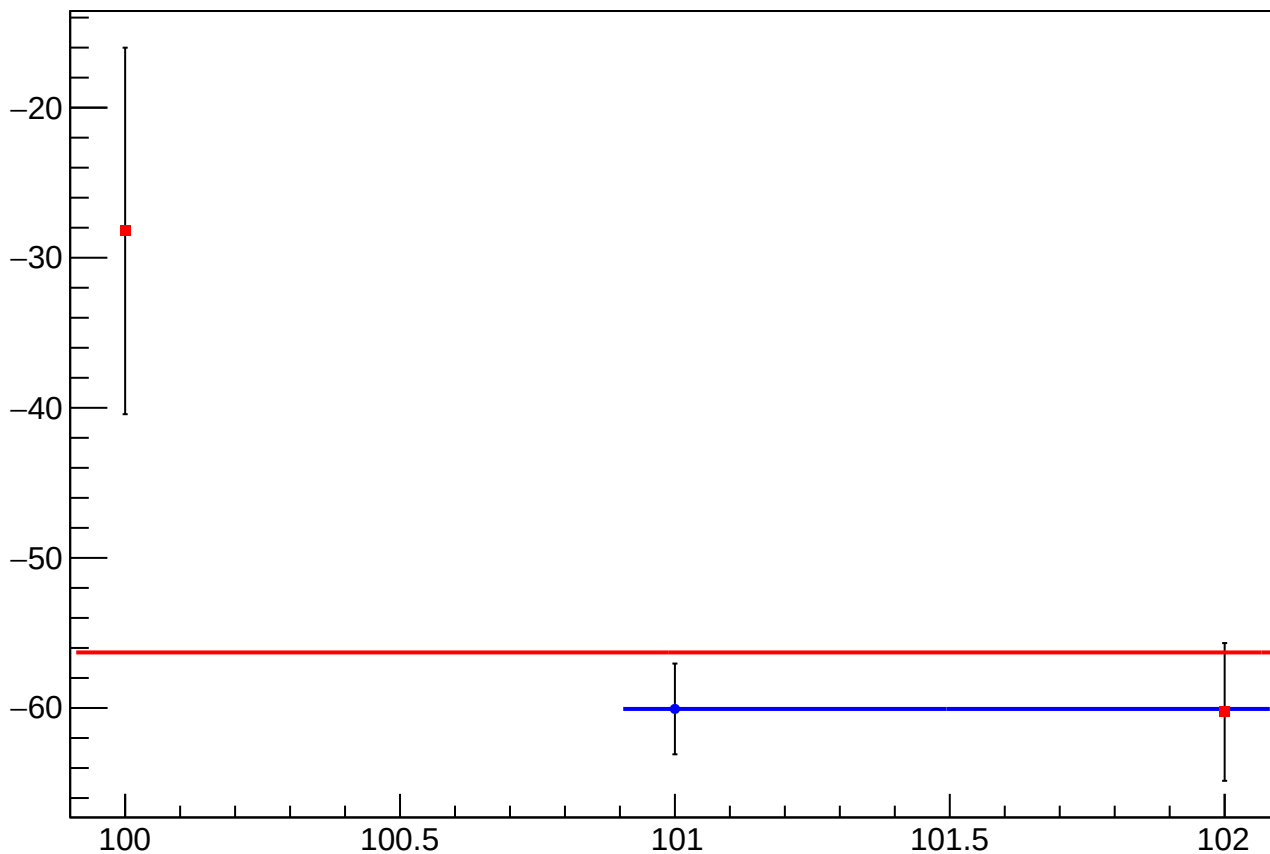
Right: -8.319+/-2.717 χ^2/NDF : 7.0/2

In: -4.796+/-3.164 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.319+/-2.717 χ^2/NDF : 7.0/2

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -60.064+/-3.024 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -56.299+/-4.295 χ^2/NDF : 6.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

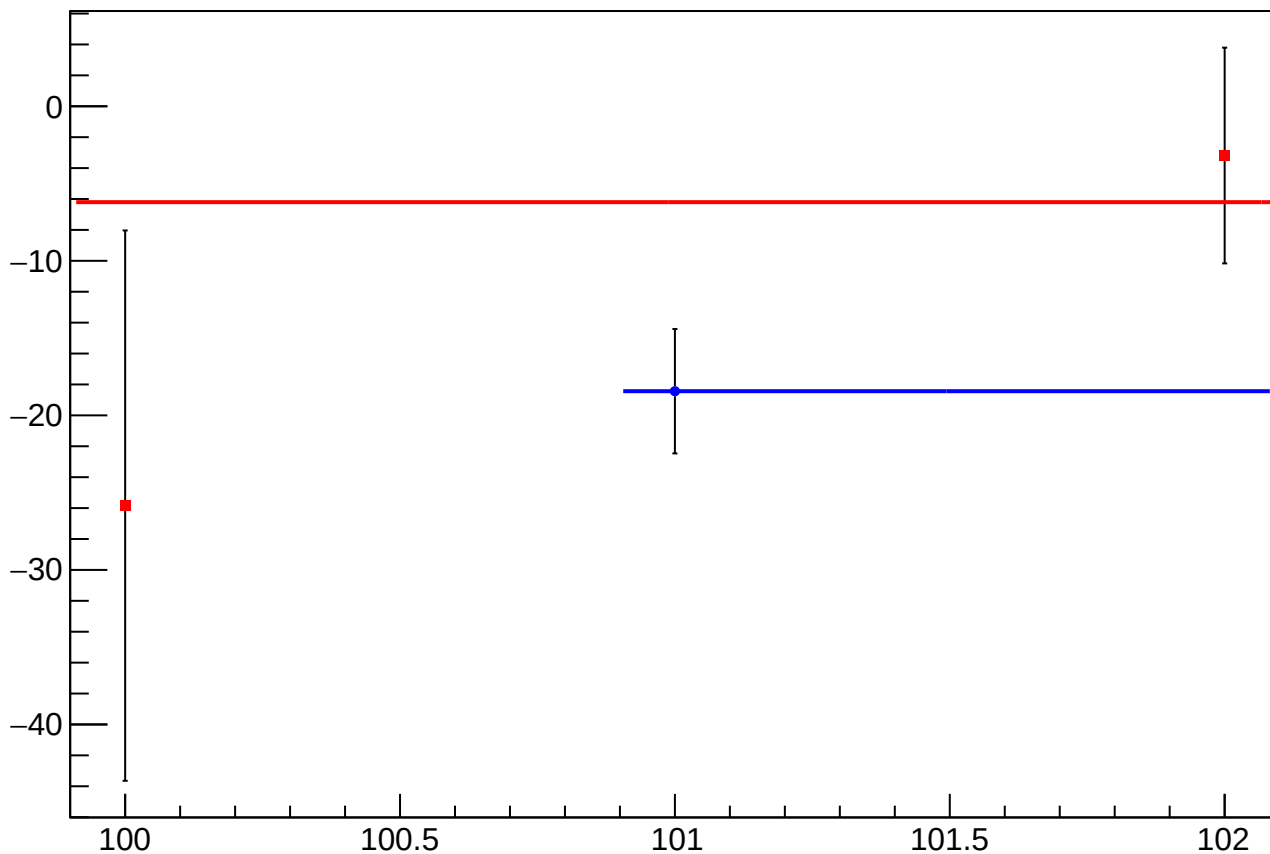
Right: -58.816+/-2.472 χ^2/NDF : 6.6/2

In: -60.064+/-3.024 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -58.816+/-2.472 χ^2/NDF : 6.6/2

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -18.437 $\pm$ 4.026 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -6.204 $\pm$ 6.498 χ^2 /NDF: 1.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

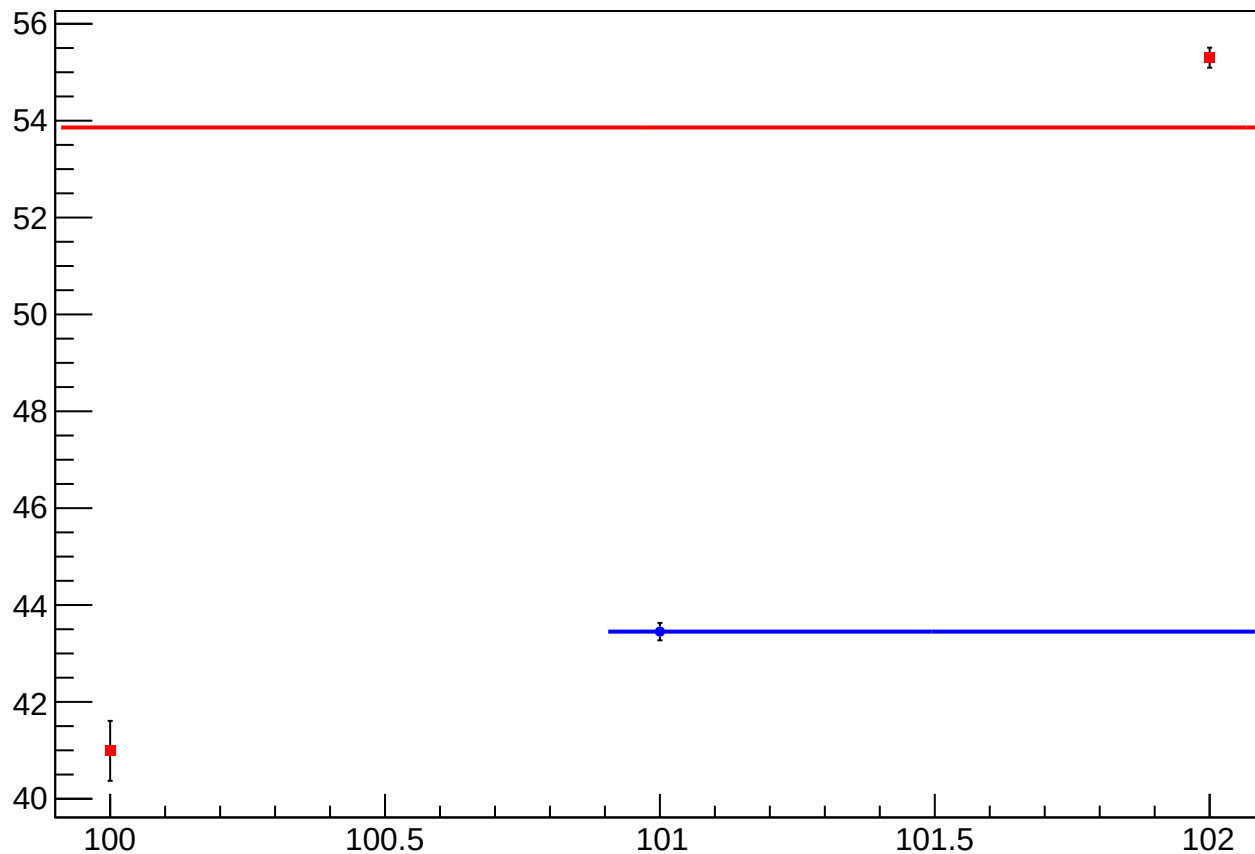
Right: -15.043 $\pm$ 3.422 χ^2 /NDF: 4.0/2

In: -18.437 $\pm$ 4.026 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -15.043 $\pm$ 3.422 χ^2 /NDF: 4.0/2

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 43.451+/-0.180 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.859+/-0.196 χ^2/NDF : 481.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

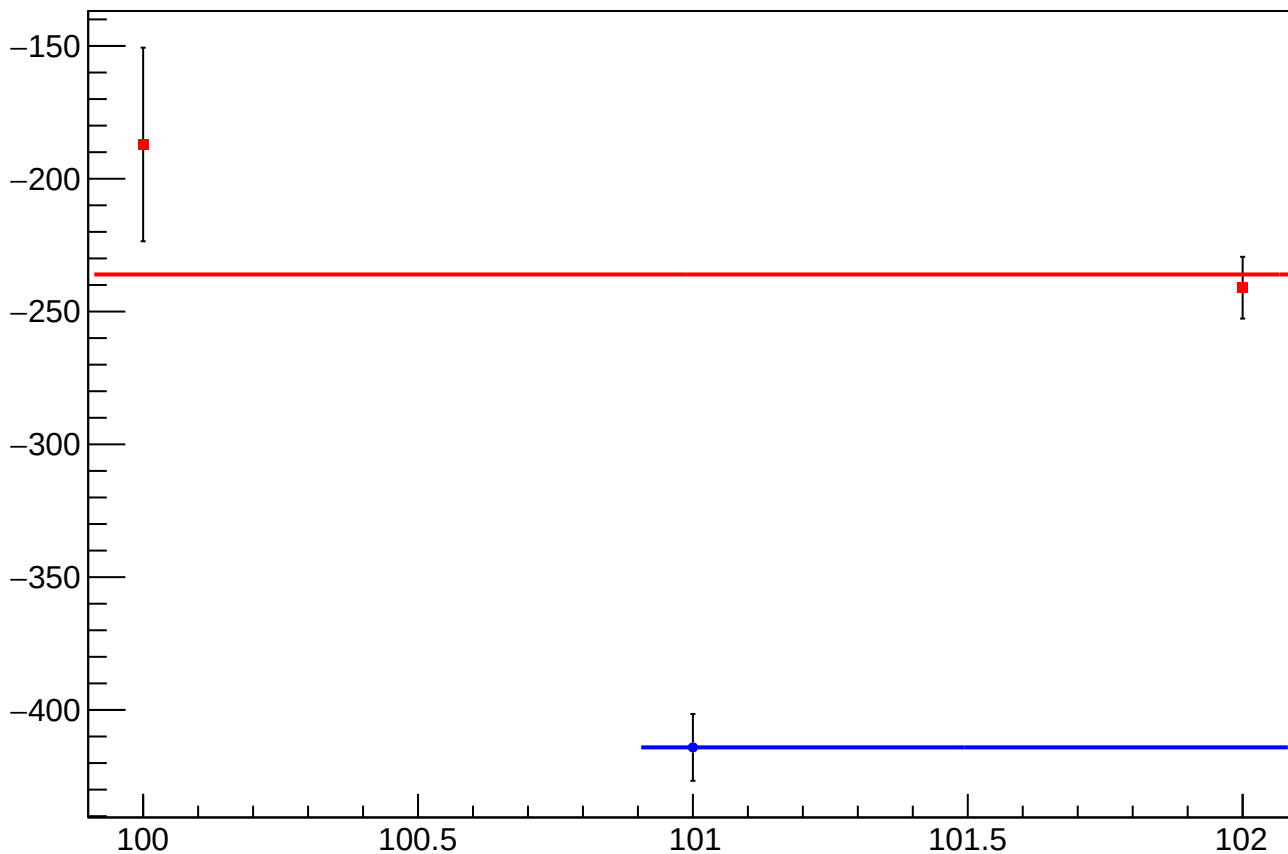
Right: 48.203+/-0.133 χ^2/NDF : 2010.2/2

In: 43.451+/-0.180 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.203+/-0.133 χ^2/NDF : 2010.2/2

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -414.094+/-12.583 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -236.036+/-11.079 χ^2/NDF : 2.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

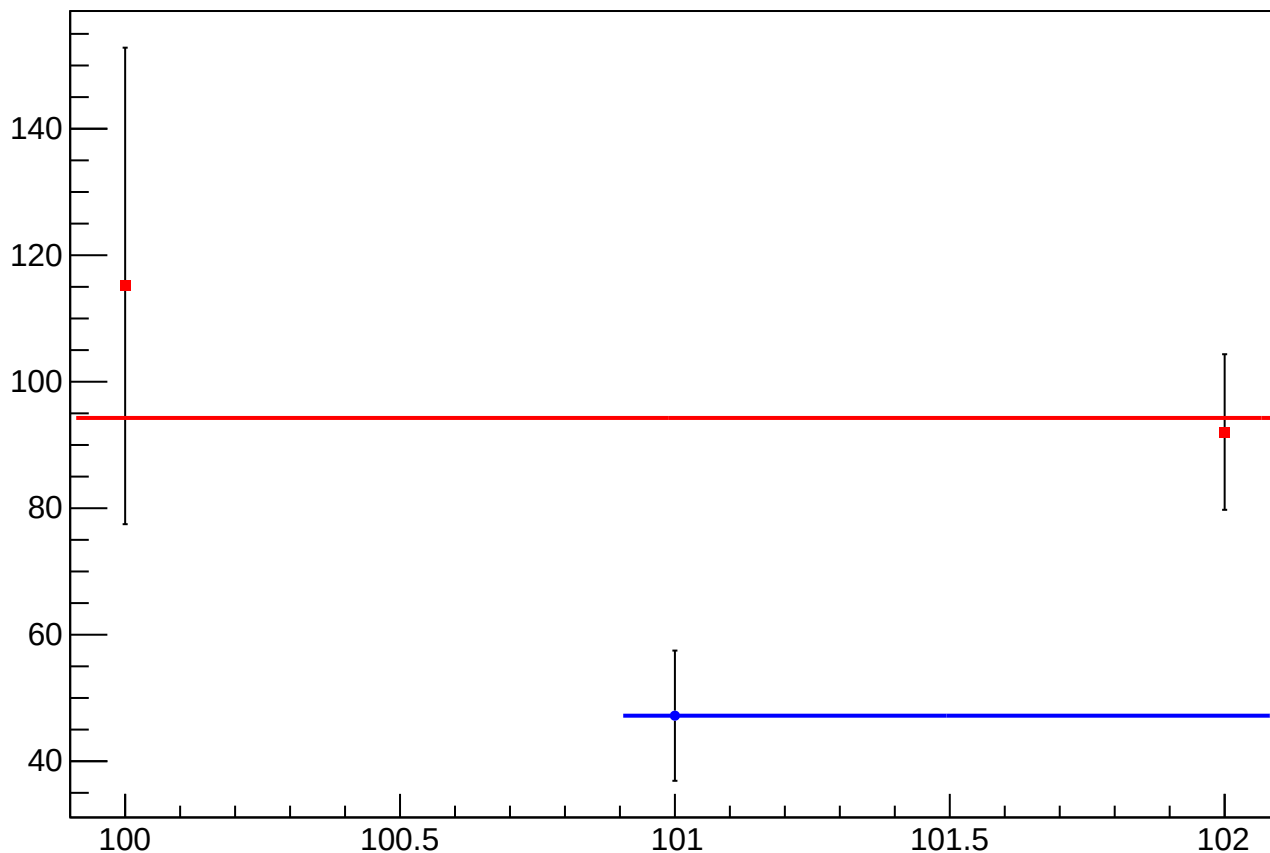
Right: -313.790+/-8.315 χ^2/NDF : 114.8/2

In: -414.094+/-12.583 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -313.790+/-8.315 χ^2/NDF : 114.8/2

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 47.198 $\pm$ 10.294 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 94.273 $\pm$ 11.692 χ^2 /NDF: 0.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

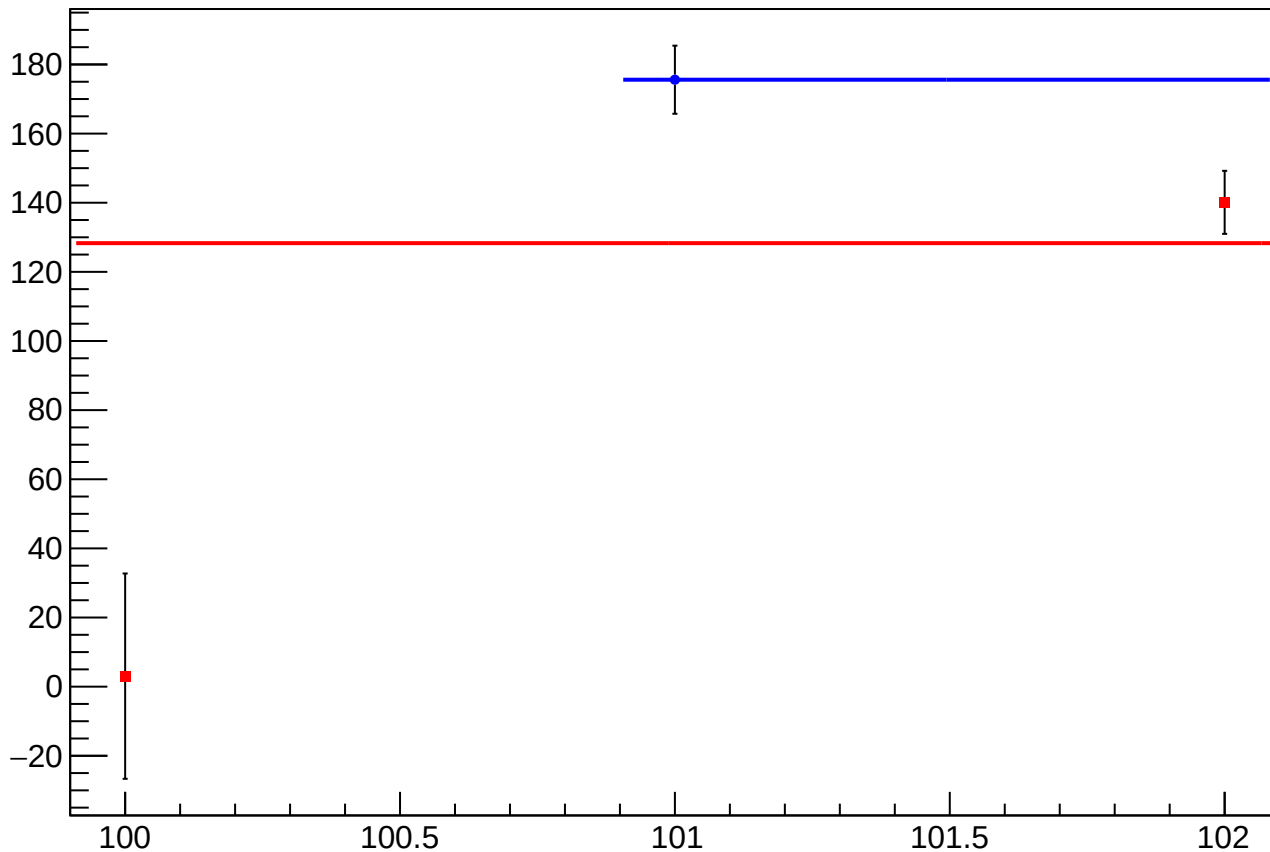
Right: 67.754 $\pm$ 7.726 χ^2 /NDF: 9.5/2

In: 47.198 $\pm$ 10.294 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 67.754 $\pm$ 7.726 χ^2 /NDF: 9.5/2

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 175.587 $\pm$ 9.850 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 128.305 $\pm$ 8.716 χ^2 /NDF: 19.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

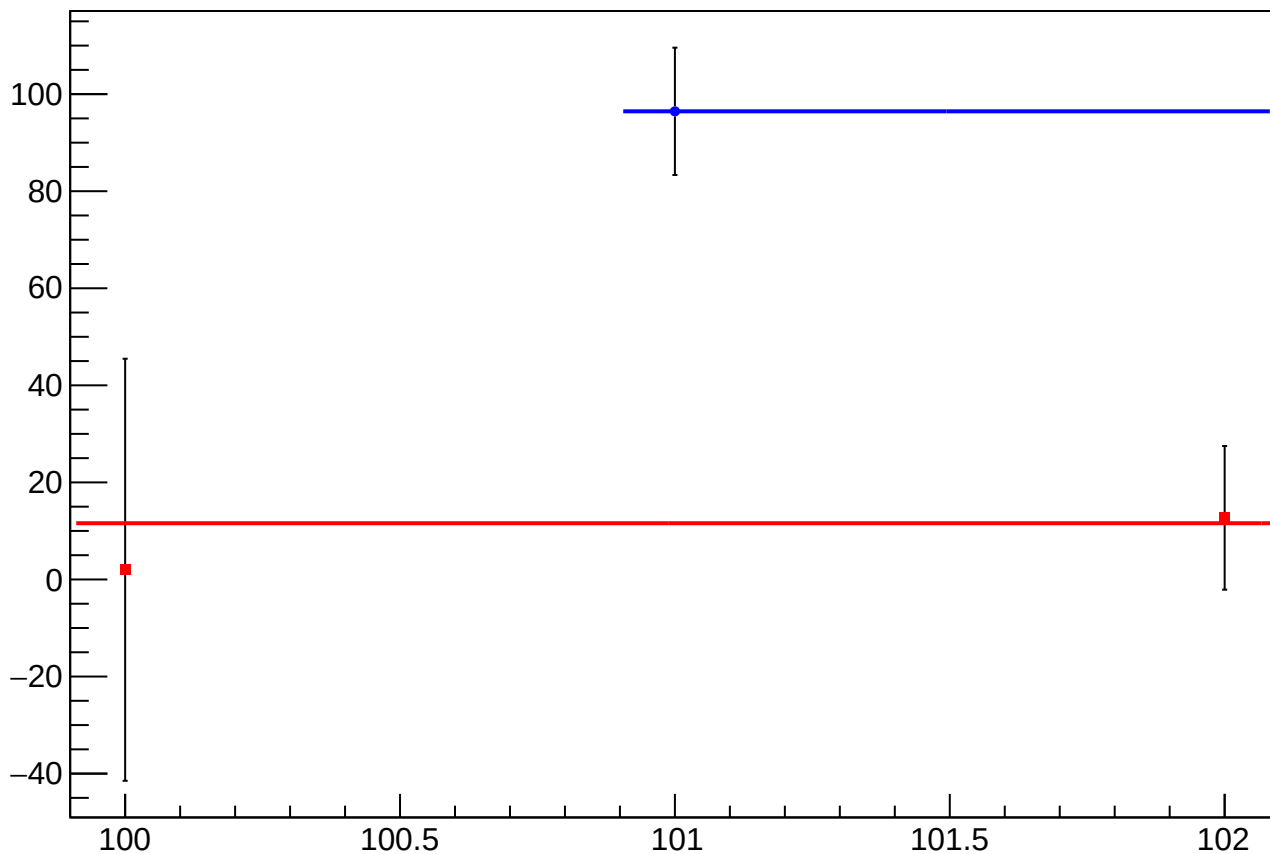
Right: 149.068 $\pm$ 6.527 χ^2 /NDF: 32.4/2

In: 175.587 $\pm$ 9.850 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 149.068 $\pm$ 6.527 χ^2 /NDF: 32.4/2

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 96.457+/-13.117 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.587+/-14.011 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

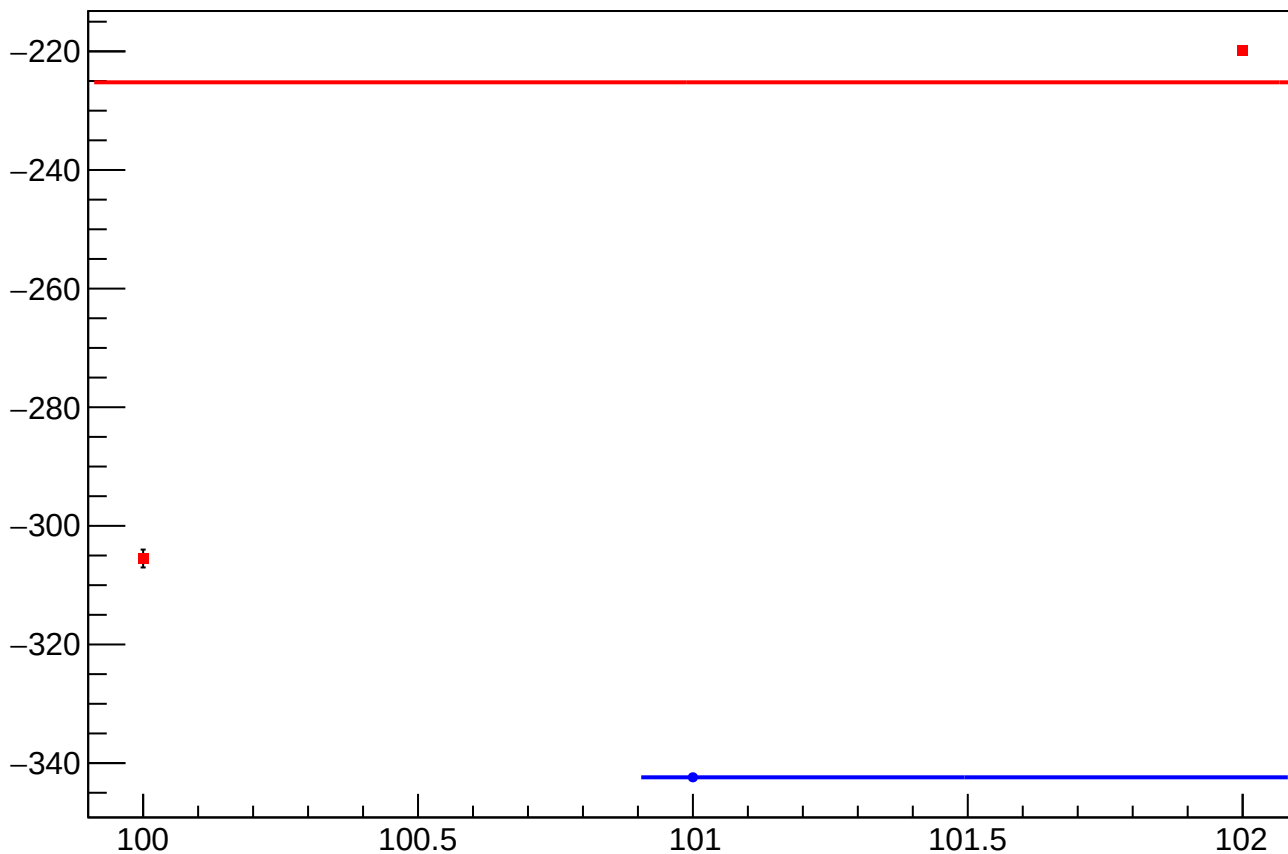
Right: 56.817+/-9.576 χ^2/NDF : 19.6/2

In: 96.457+/-13.117 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.817+/-9.576 χ^2/NDF : 19.6/2

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -342.395+/-0.588 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -225.218+/-0.380 χ^2/NDF : 3031.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

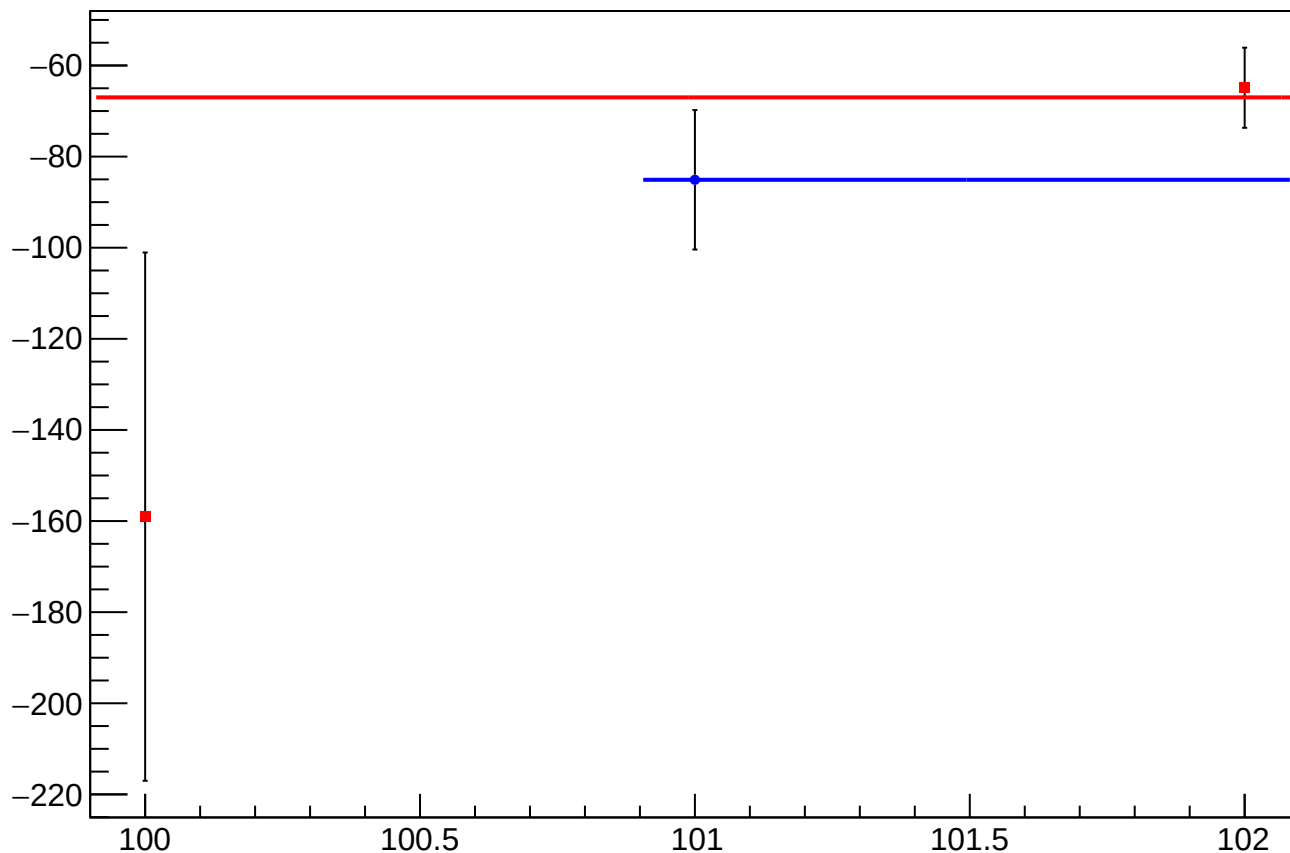
Right: -259.691+/-0.319 χ^2/NDF : 31027.9/2

In: -342.395+/-0.588 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -259.691+/-0.319 χ^2/NDF : 31027.9/2

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -85.091 $\pm$ 15.304 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -66.999 $\pm$ 8.694 χ^2 /NDF: 2.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

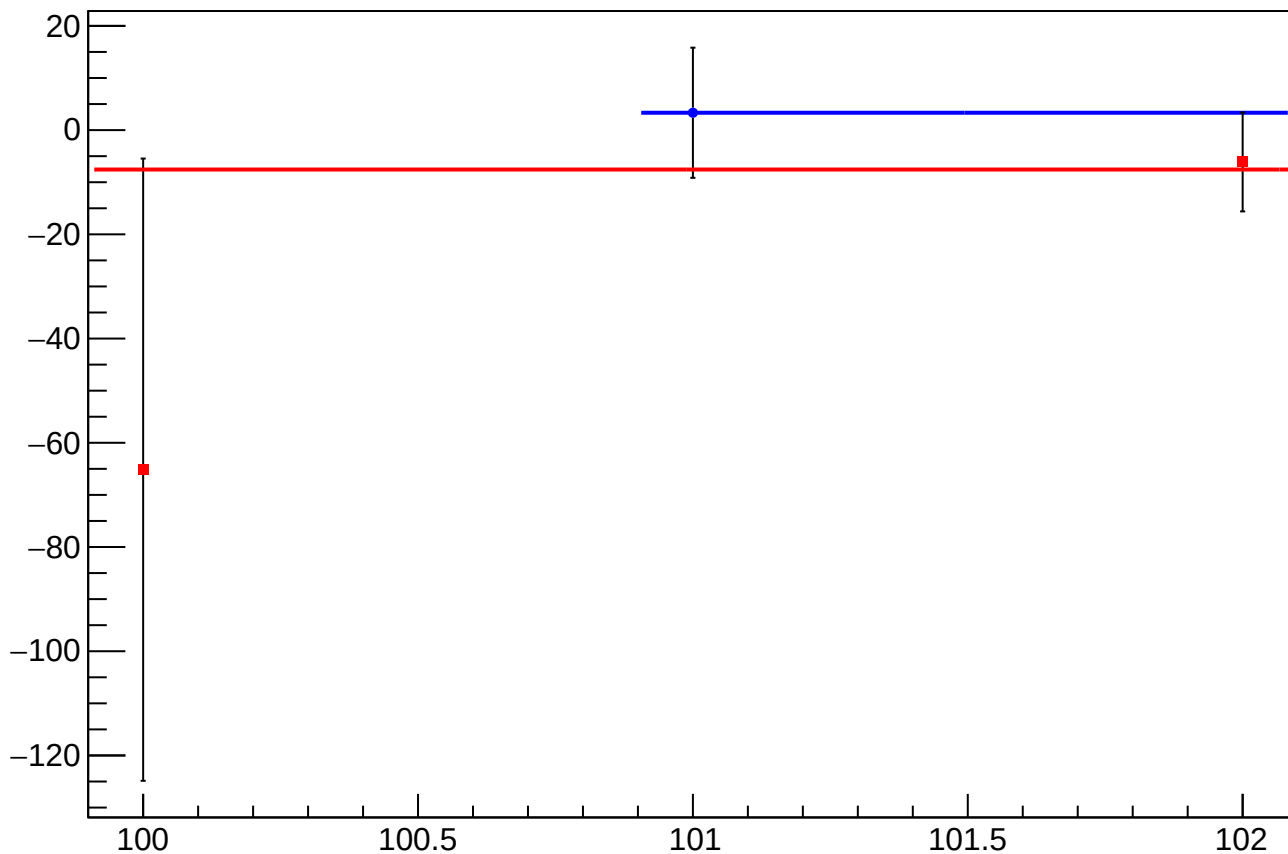
Right: -71.413 $\pm$ 7.559 χ^2 /NDF: 3.6/2

In: -85.091 $\pm$ 15.304 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -71.413 $\pm$ 7.559 χ^2 /NDF: 3.6/2

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.332+/-12.488 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -7.563+/-9.374 χ^2 /NDF: 1.0/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

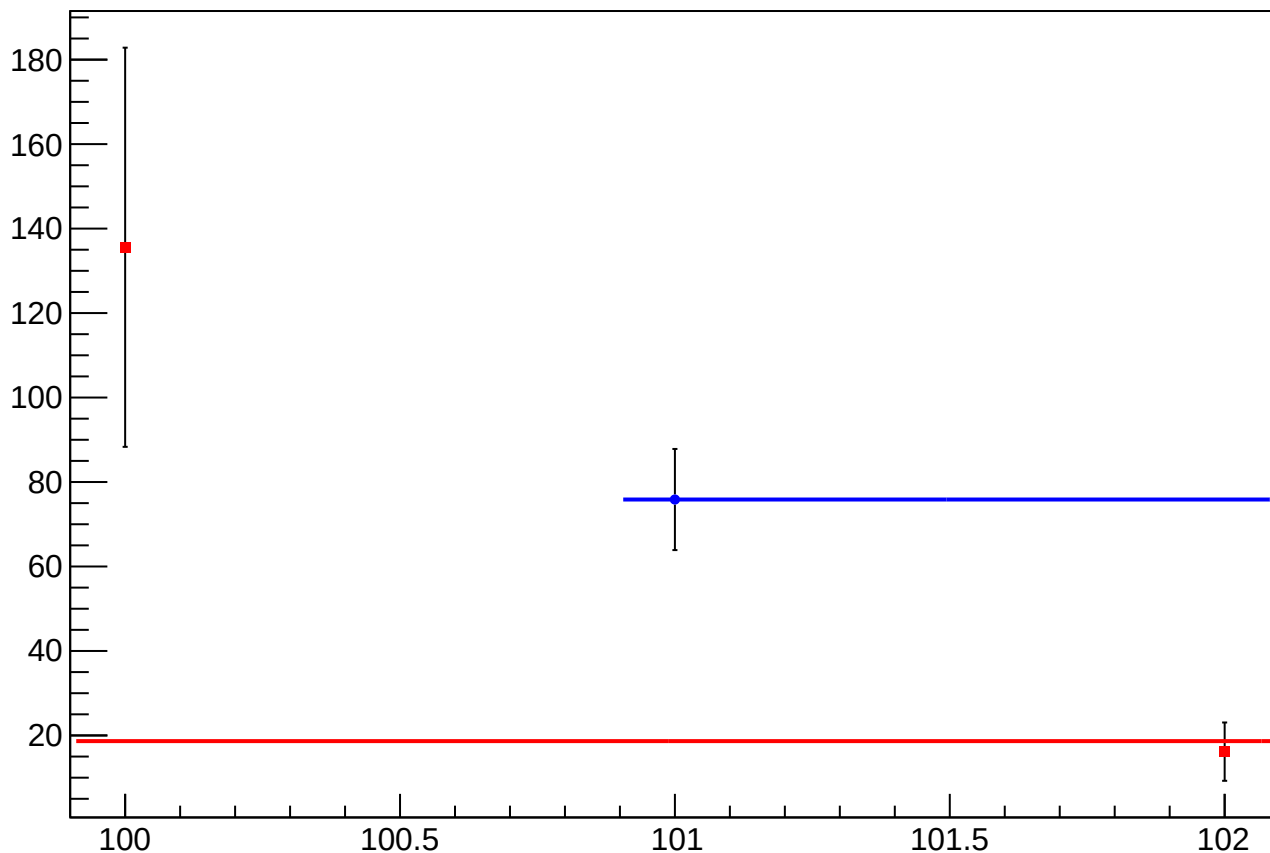
Right: -3.636+/-7.497 χ^2 /NDF: 1.4/2

In: 3.332+/-12.488 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -3.636+/-7.497 χ^2 /NDF: 1.4/2

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 75.857 $\pm$ 11.971 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18.659 $\pm$ 6.830 χ^2 /NDF: 6.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

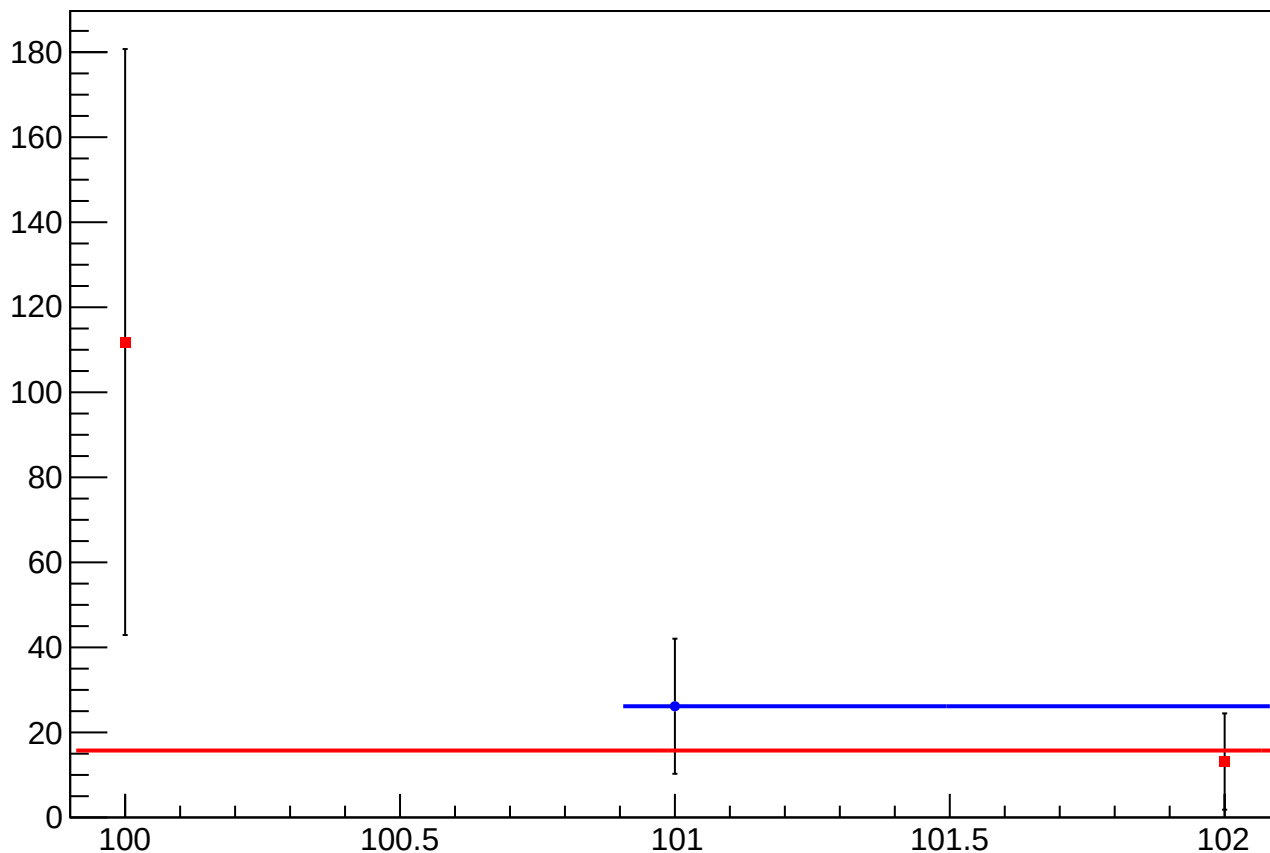
Right: 32.704 $\pm$ 5.932 χ^2 /NDF: 23.5/2

In: 75.857 $\pm$ 11.971 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 32.704 $\pm$ 5.932 χ^2 /NDF: 23.5/2

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 26.156+/-15.887 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.741+/-11.174 χ^2/NDF : 2.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

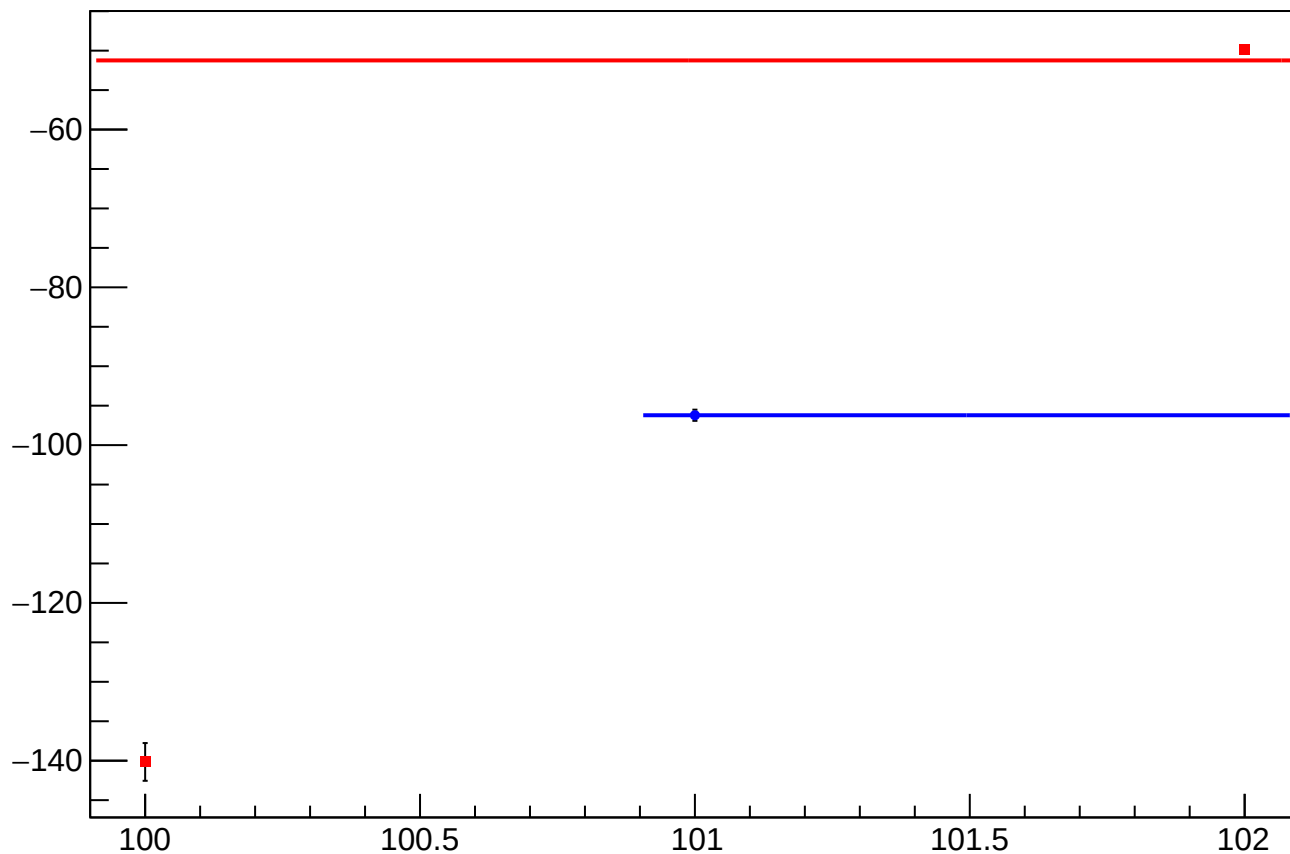
Right: 19.189+/-9.140 χ^2/NDF : 2.3/2

In: 26.156+/-15.887 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.189+/-9.140 χ^2/NDF : 2.3/2

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -96.213+/-0.708 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -51.238+/-0.290 χ^2/NDF : 1401.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

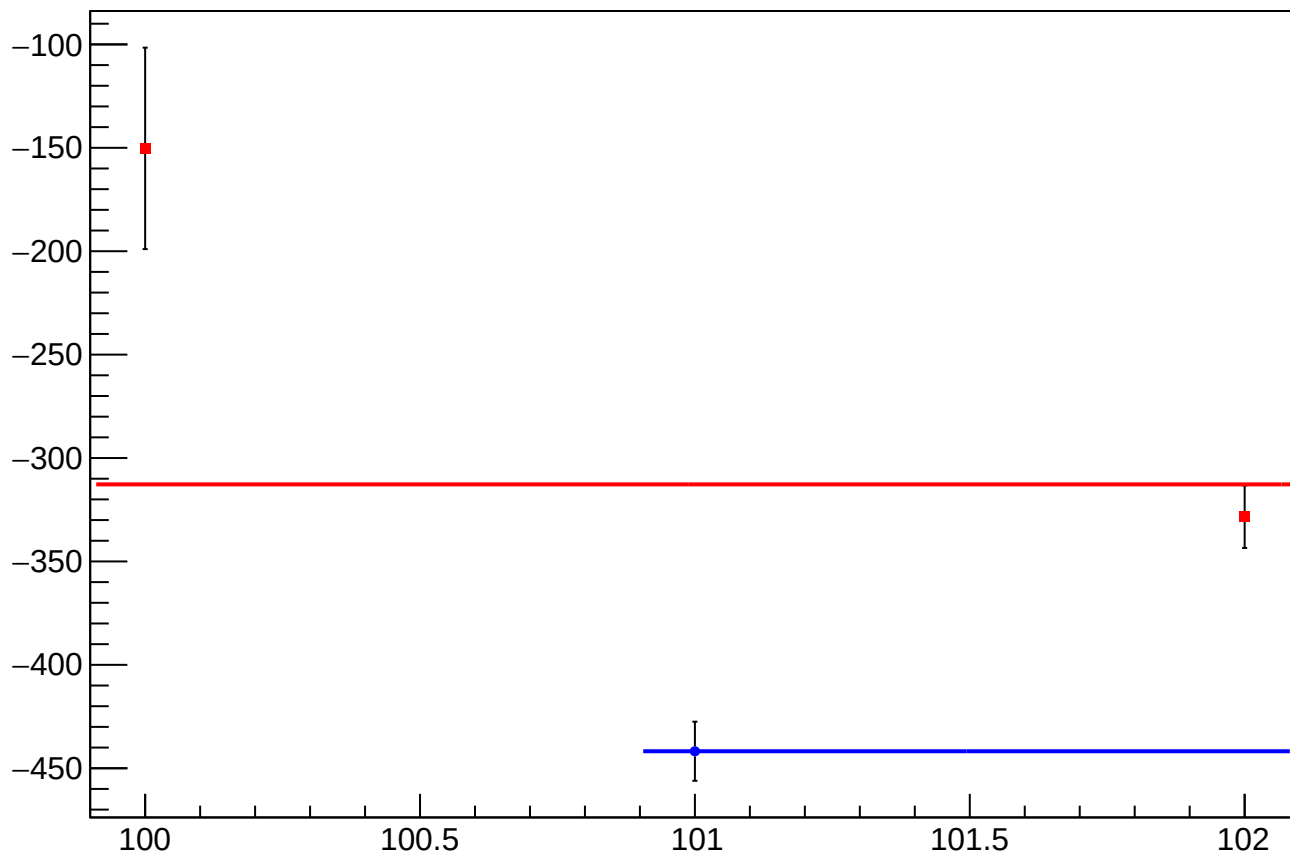
Right: -57.686+/-0.268 χ^2/NDF : 4854.4/2

In: -96.213+/-0.708 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -57.686+/-0.268 χ^2/NDF : 4854.4/2

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -441.775+/-14.291 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -312.745+/-14.427 χ^2/NDF : 12.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

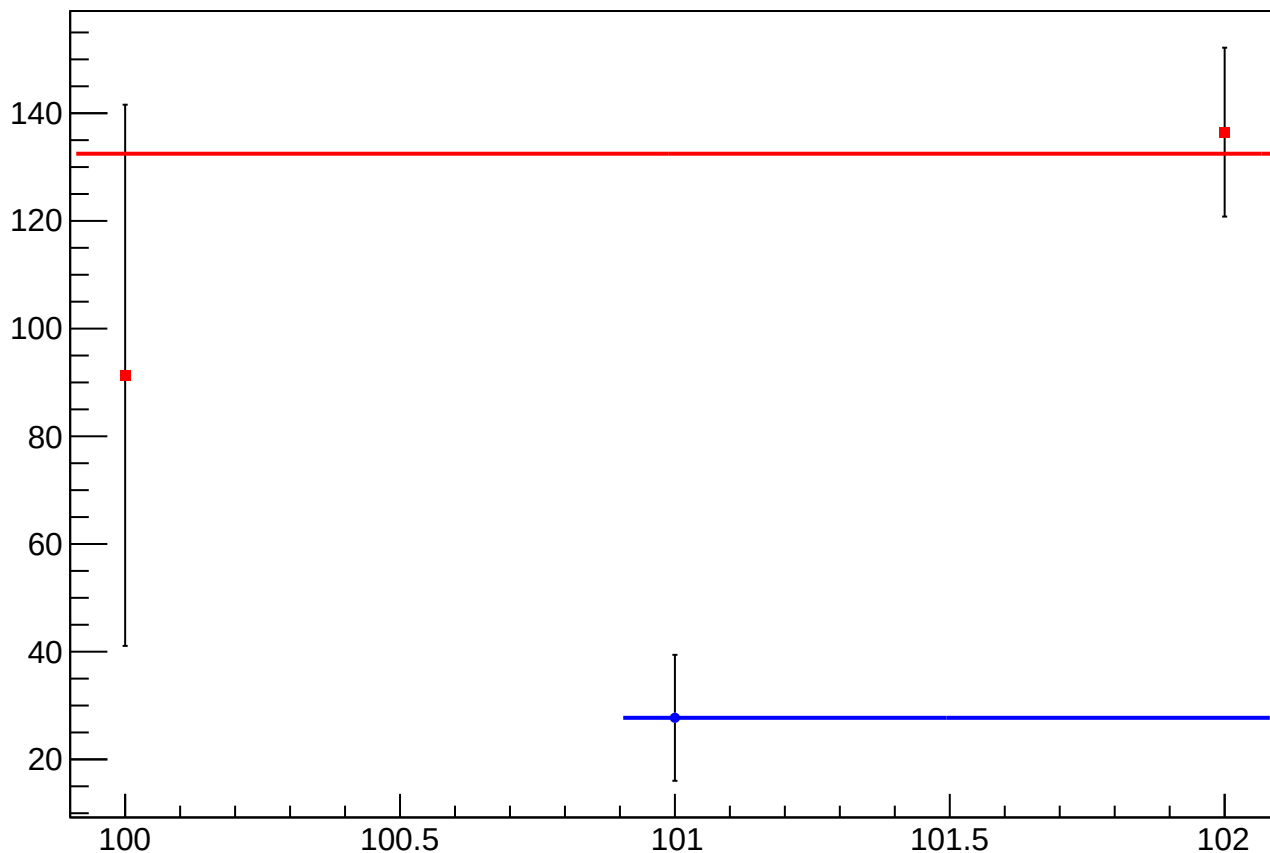
Right: -377.871+/-10.153 χ^2/NDF : 52.6/2

In: -441.775+/-14.291 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -377.871+/-10.153 χ^2/NDF : 52.6/2

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 27.719+/-11.697 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 132.479+/-14.973 χ^2 /NDF: 0.7/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

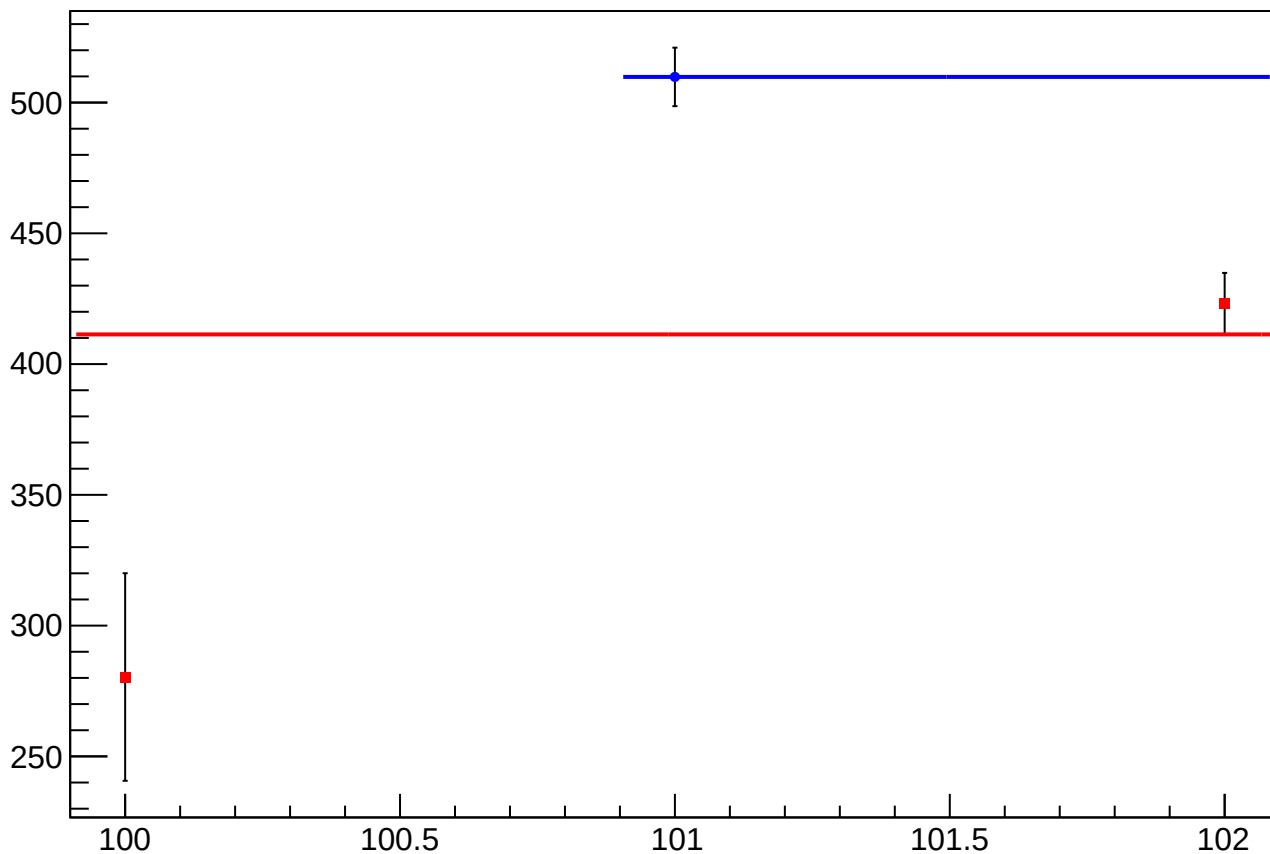
Right: 67.422+/-9.218 χ^2 /NDF: 31.1/2

In: 27.719+/-11.697 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 67.422+/-9.218 χ^2 /NDF: 31.1/2

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 509.802 $\pm$ 11.185 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 411.350 $\pm$ 11.350 χ^2 /NDF: 11.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

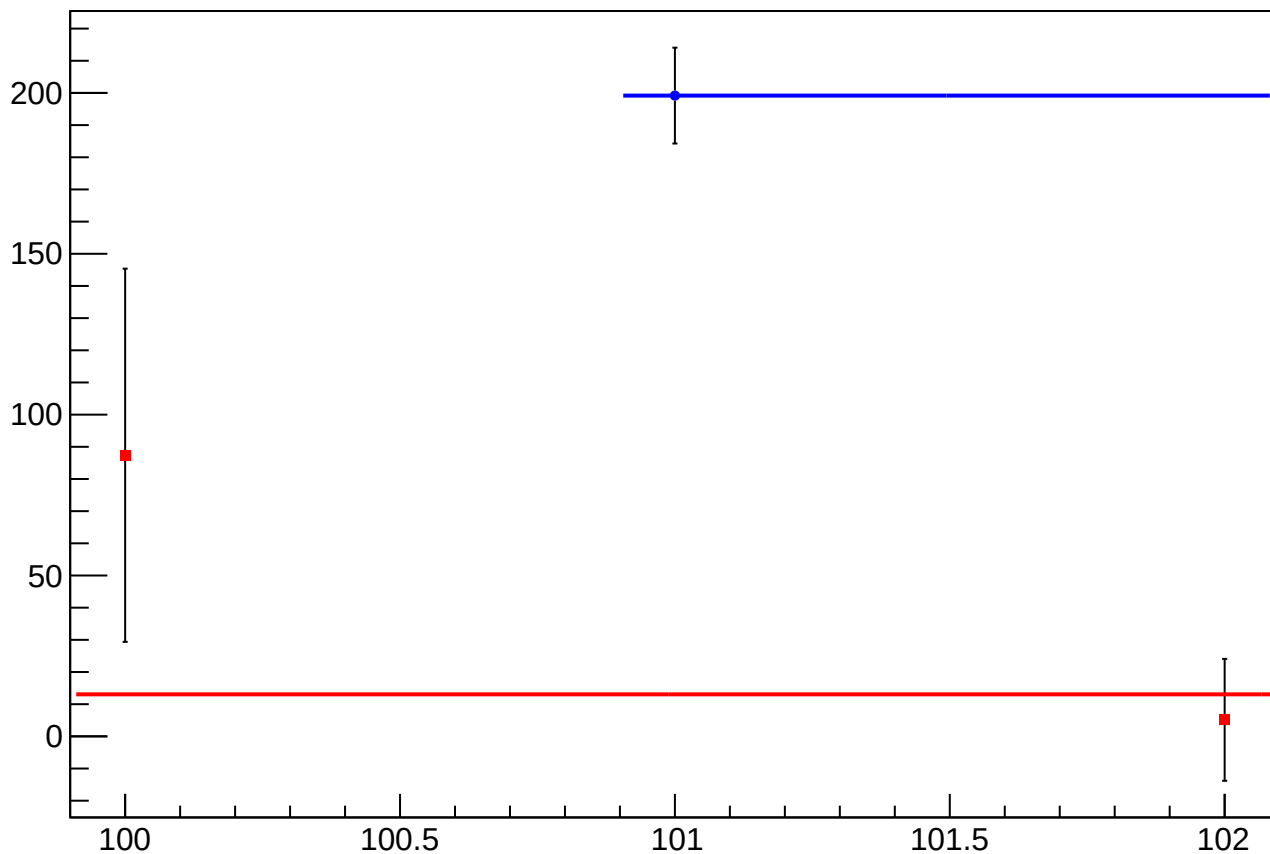
Right: 461.294 $\pm$ 7.967 χ^2 /NDF: 50.0/2

In: 509.802 $\pm$ 11.185 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 461.294 $\pm$ 7.967 χ^2 /NDF: 50.0/2

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 199.172 $\pm$ 14.897 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.062 $\pm$ 18.011 χ^2 /NDF: 1.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

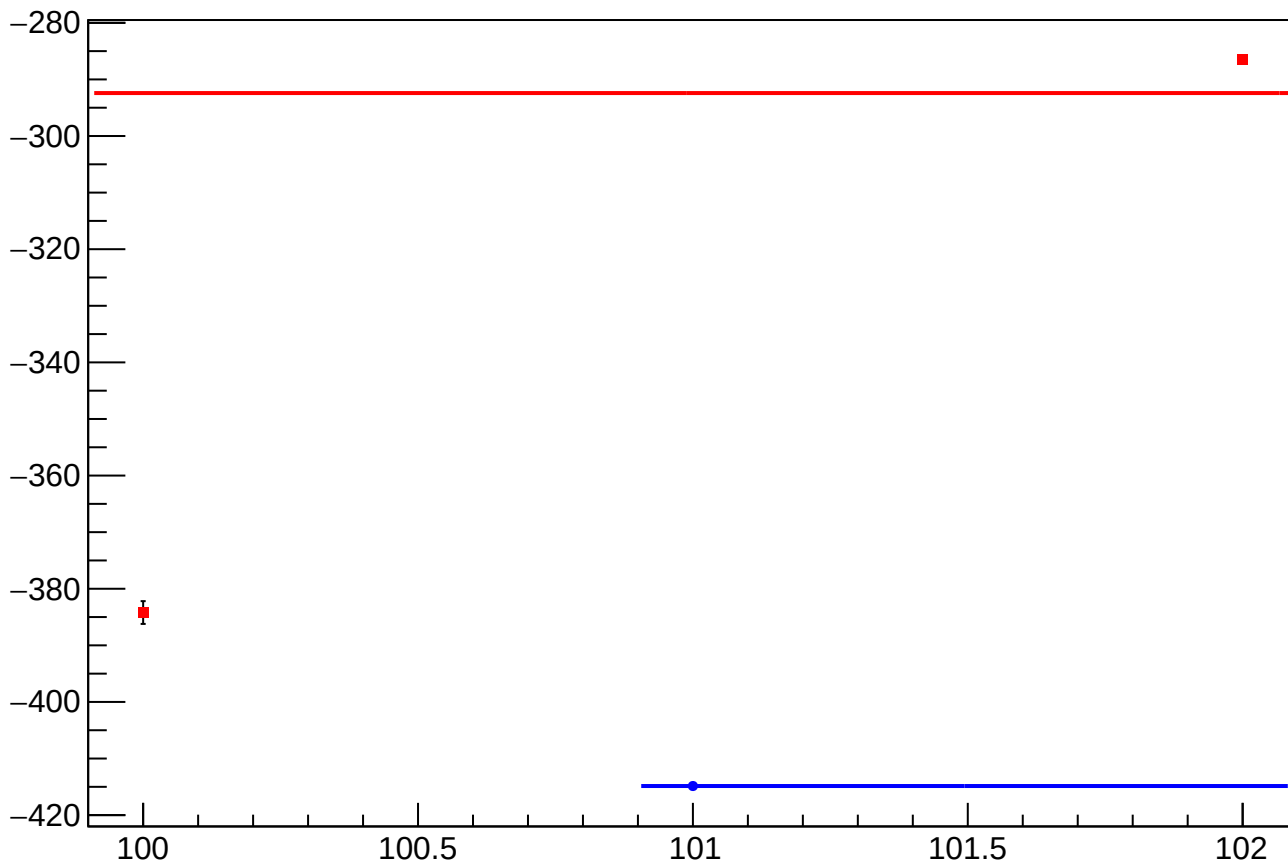
Right: 123.572 $\pm$ 11.479 χ^2 /NDF: 65.2/2

In: 199.172 $\pm$ 14.897 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 123.572 $\pm$ 11.479 χ^2 /NDF: 65.2/2

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -414.858+/-0.667 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -292.410+/-0.495 χ^2/NDF : 2214.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

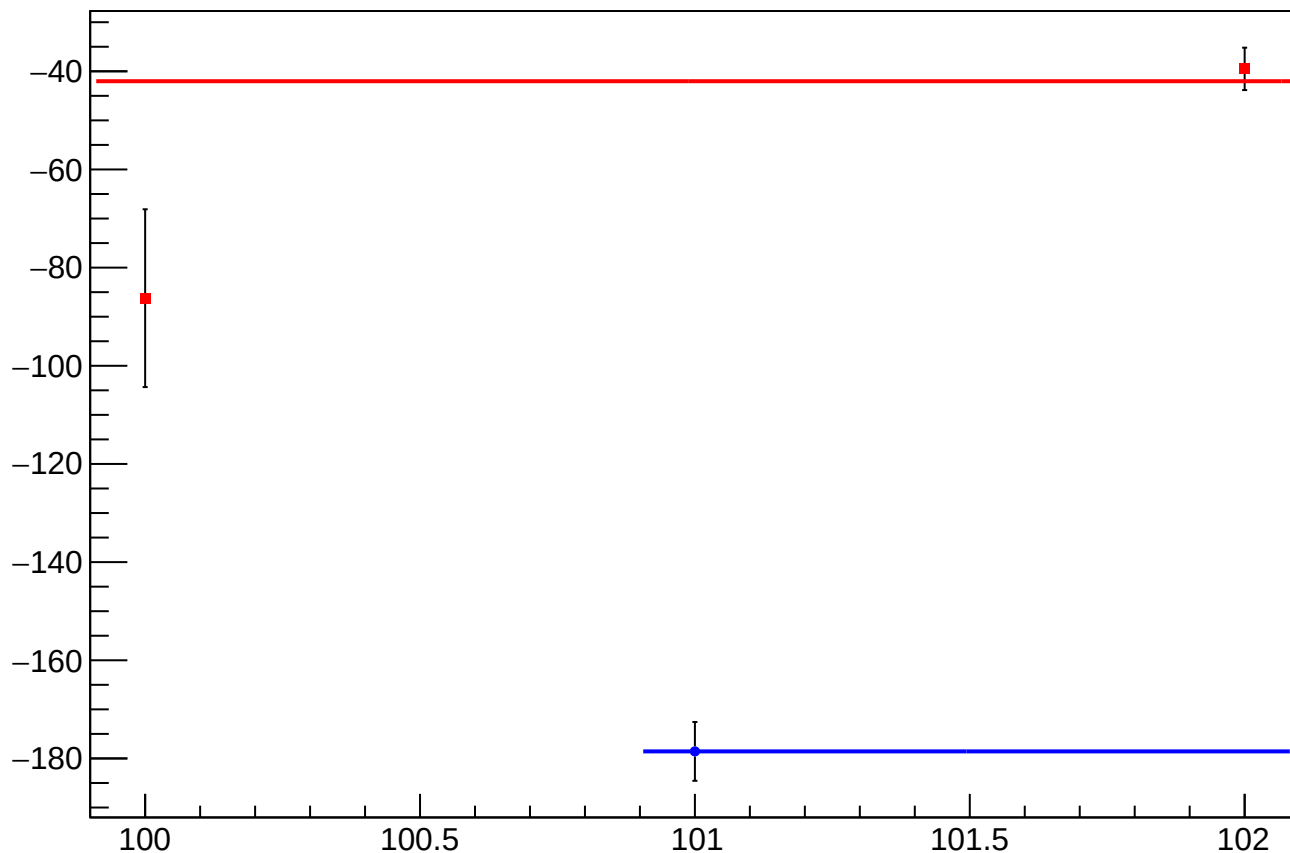
Right: -335.901+/-0.398 χ^2/NDF : 23924.3/2

In: -414.858+/-0.667 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -335.901+/-0.398 χ^2/NDF : 23924.3/2

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -178.563+/-5.992 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -42.019+/-4.201 χ^2/NDF : 6.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

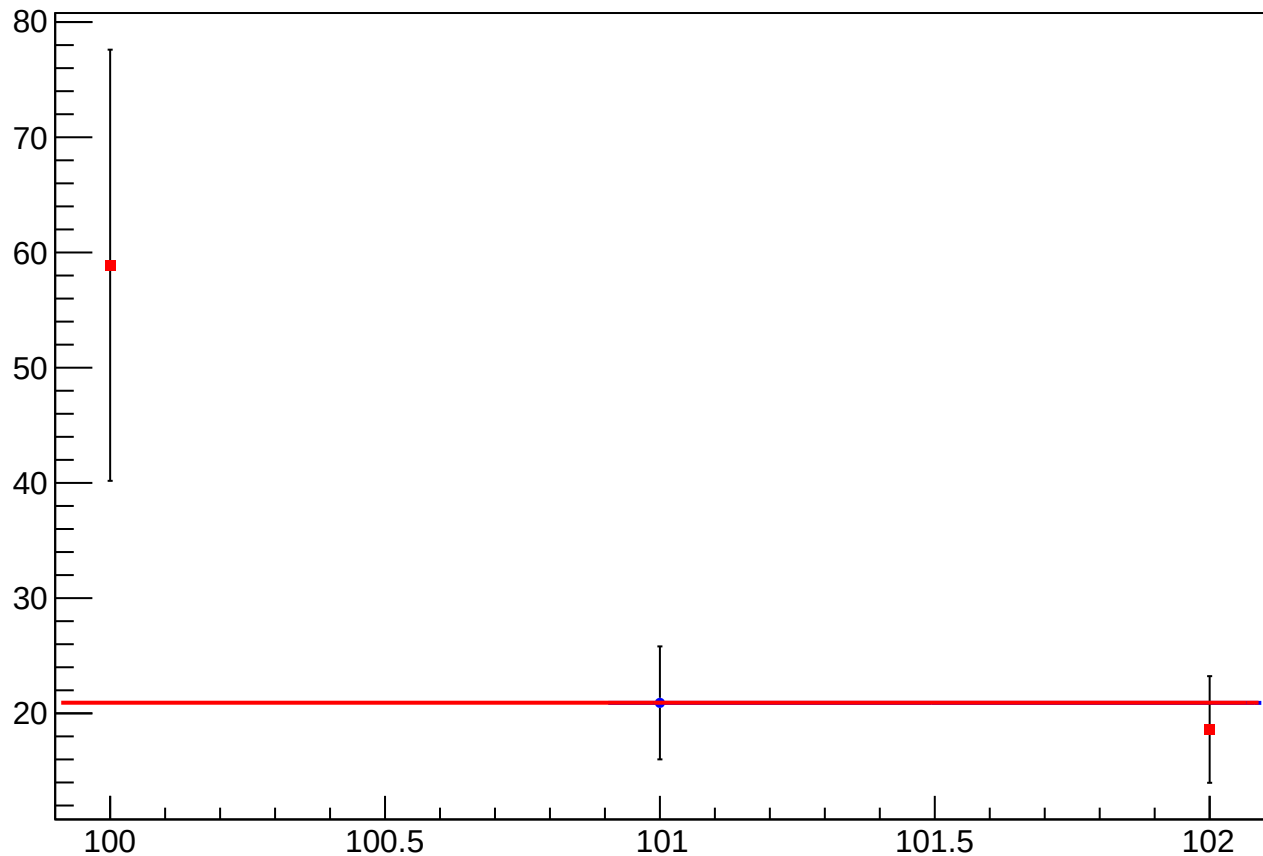
Right: -87.020+/-3.440 χ^2/NDF : 354.5/2

In: -178.563+/-5.992 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -87.020+/-3.440 χ^2/NDF : 354.5/2

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 20.908+/-4.903 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.923+/-4.493 χ^2/NDF : 4.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

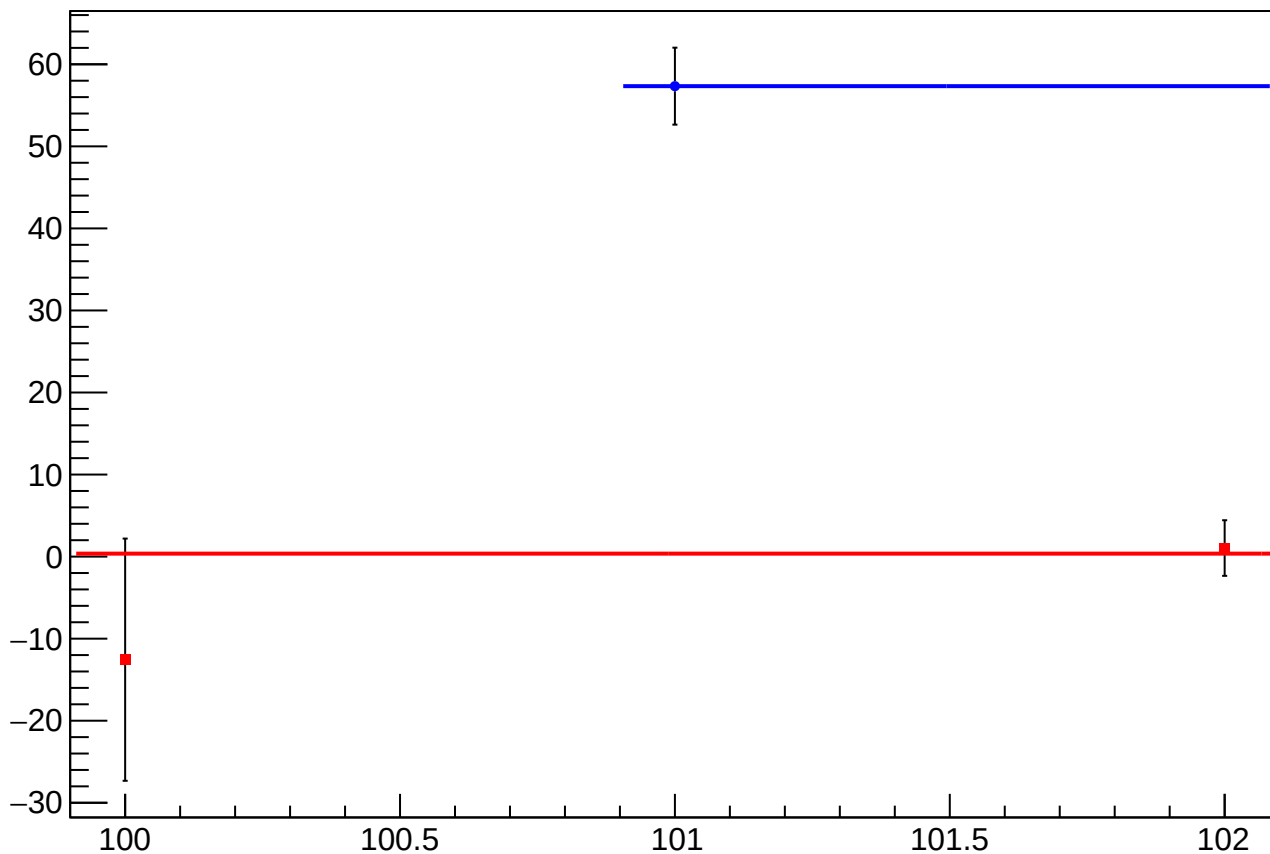
Right: 20.916+/-3.312 χ^2/NDF : 4.4/2

In: 20.908+/-4.903 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.916+/-3.312 χ^2/NDF : 4.4/2

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 57.337+/-4.690 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.363+/-3.303 χ^2/NDF : 0.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

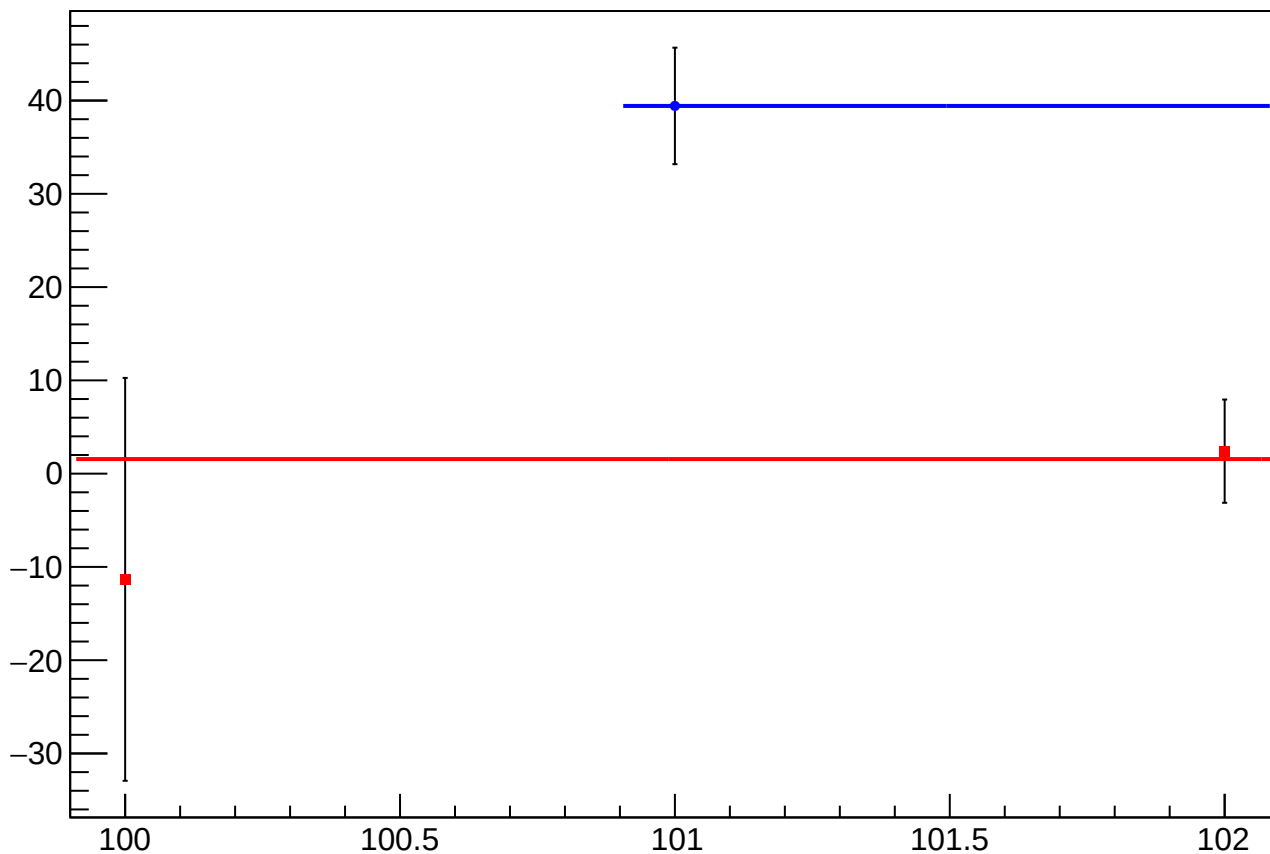
Right: 19.251+/-2.700 χ^2/NDF : 99.4/2

In: 57.337+/-4.690 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.251+/-2.700 χ^2/NDF : 99.4/2

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 39.423+/-6.246 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.563+/-5.363 χ^2/NDF : 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

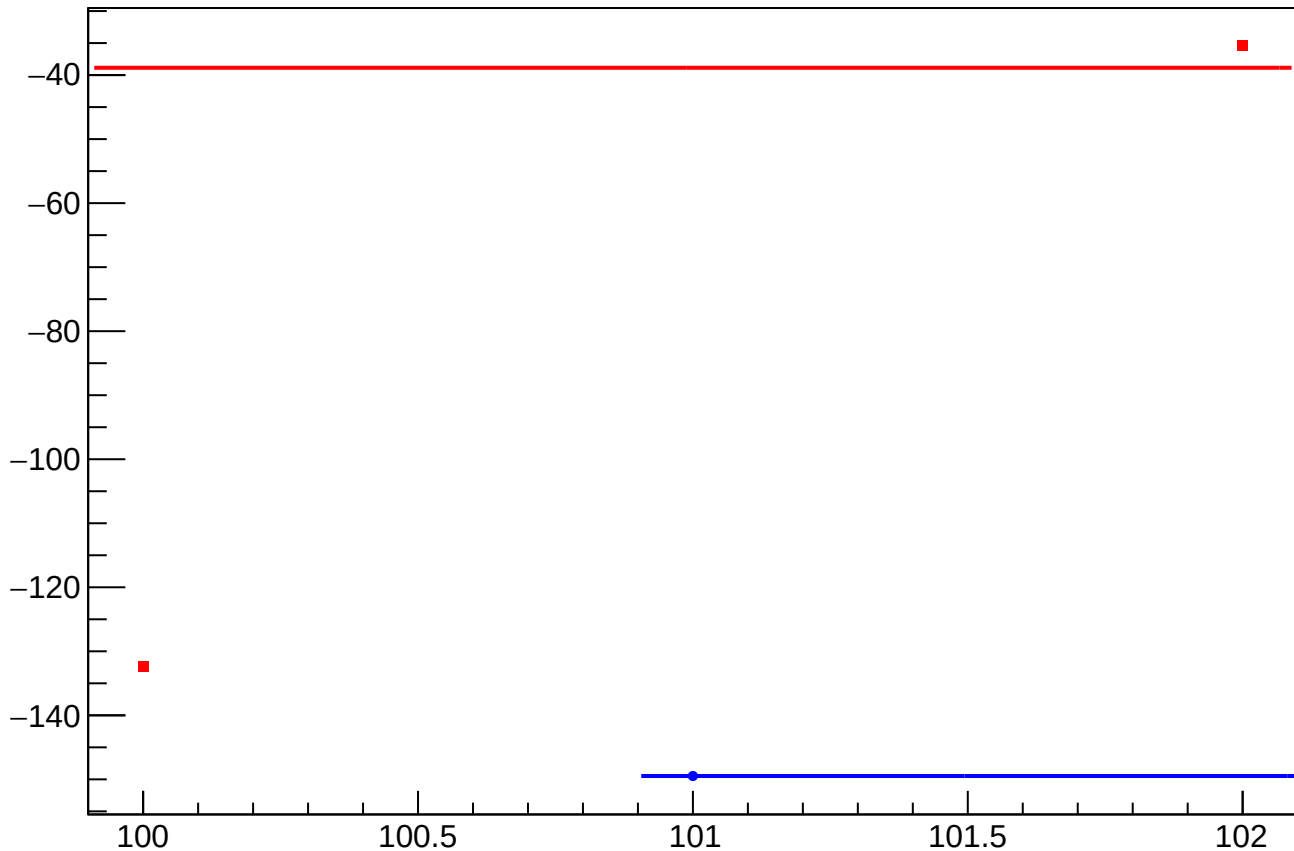
Right: 17.629+/-4.069 χ^2/NDF : 21.5/2

In: 39.423+/-6.246 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.629+/-4.069 χ^2/NDF : 21.5/2

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -149.478 $\pm$ 0.280 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -38.854 $\pm$ 0.141 χ^2 /NDF: 16158.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

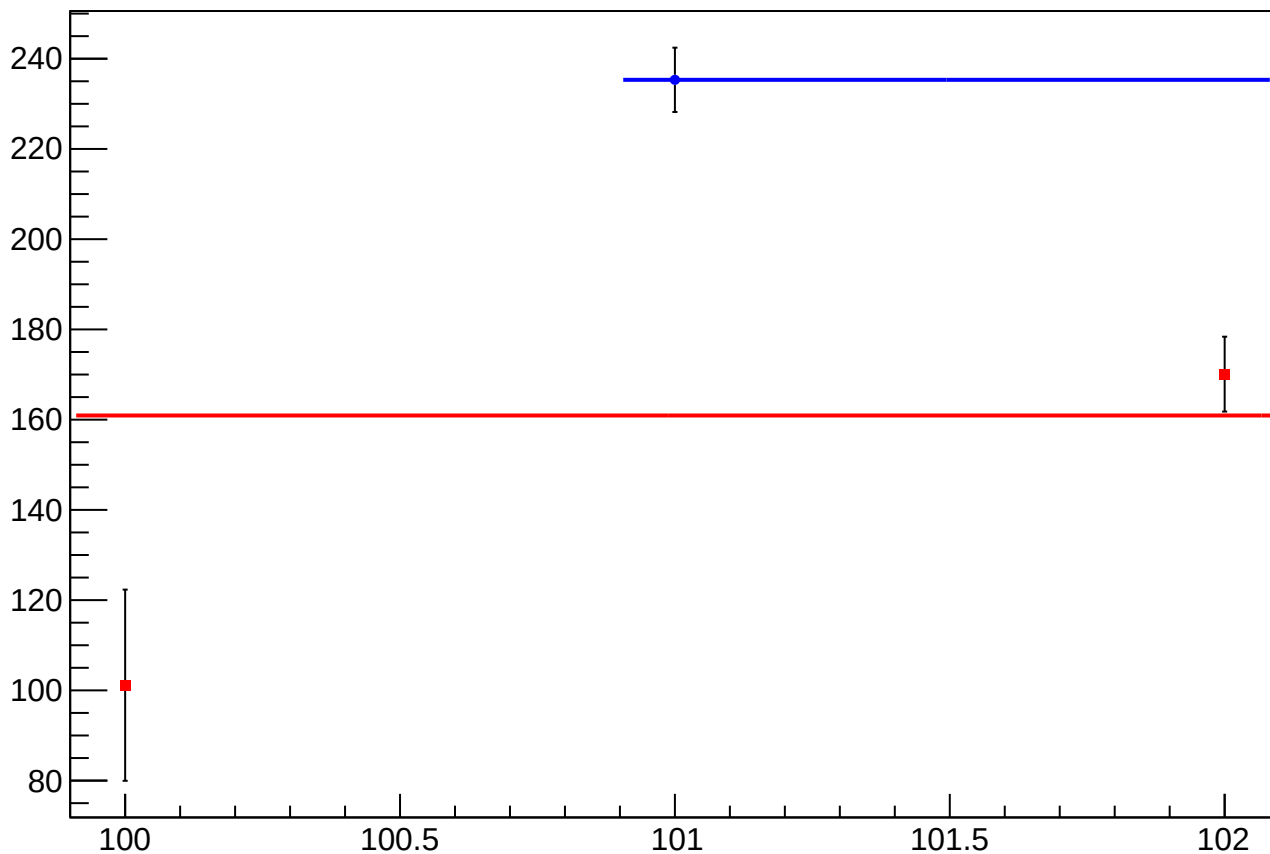
Right: -61.347 $\pm$ 0.126 χ^2 /NDF: 140467.5/2

In: -149.478 $\pm$ 0.280 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -61.347 $\pm$ 0.126 χ^2 /NDF: 140467.5/2

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 235.320 $\pm$ 7.128 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 160.923 $\pm$ 7.726 χ^2 /NDF: 9.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

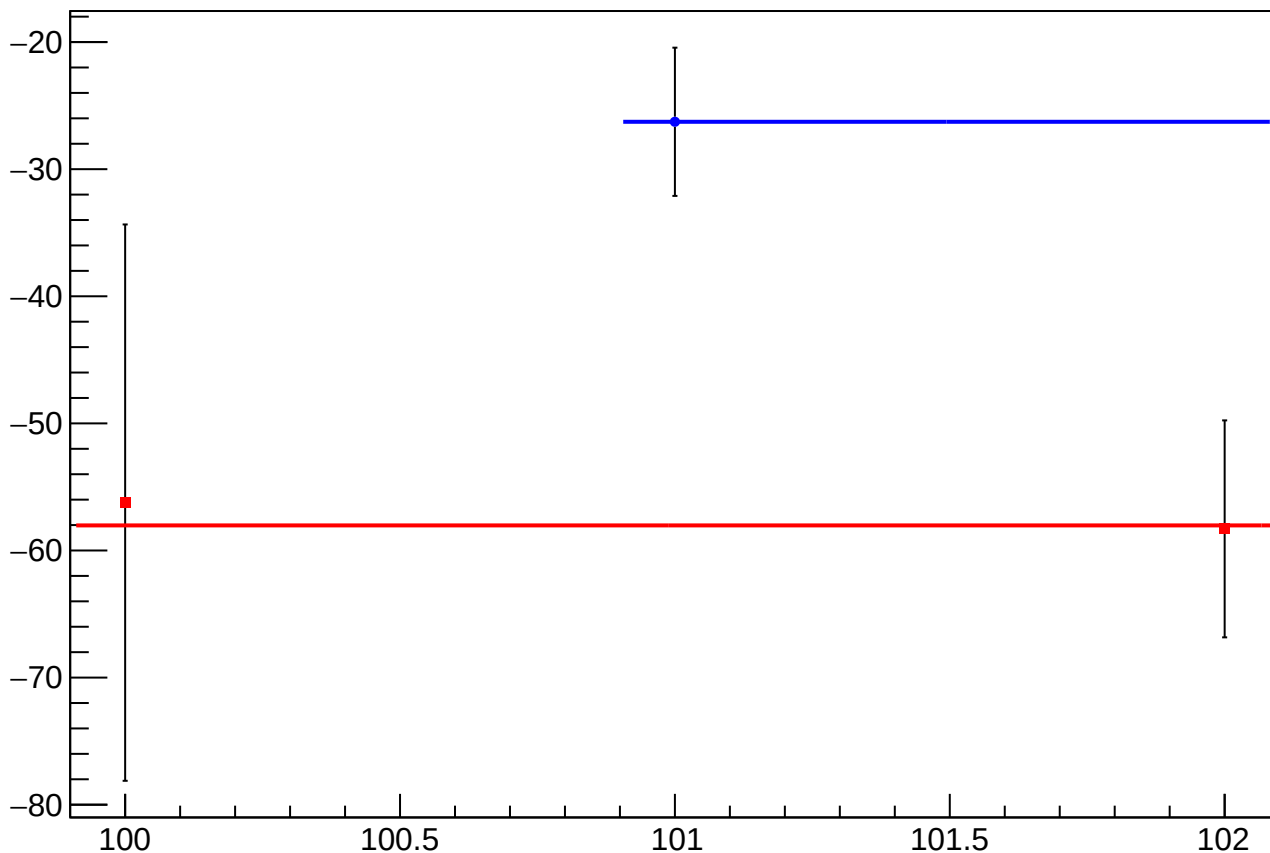
Right: 201.111 $\pm$ 5.239 χ^2 /NDF: 59.3/2

In: 235.320 $\pm$ 7.128 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 201.111 $\pm$ 5.239 χ^2 /NDF: 59.3/2

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -26.272 ± 5.831 χ^2/NDF : 0.0/0

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -58.027 ± 7.952 χ^2/NDF : 0.0/1

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

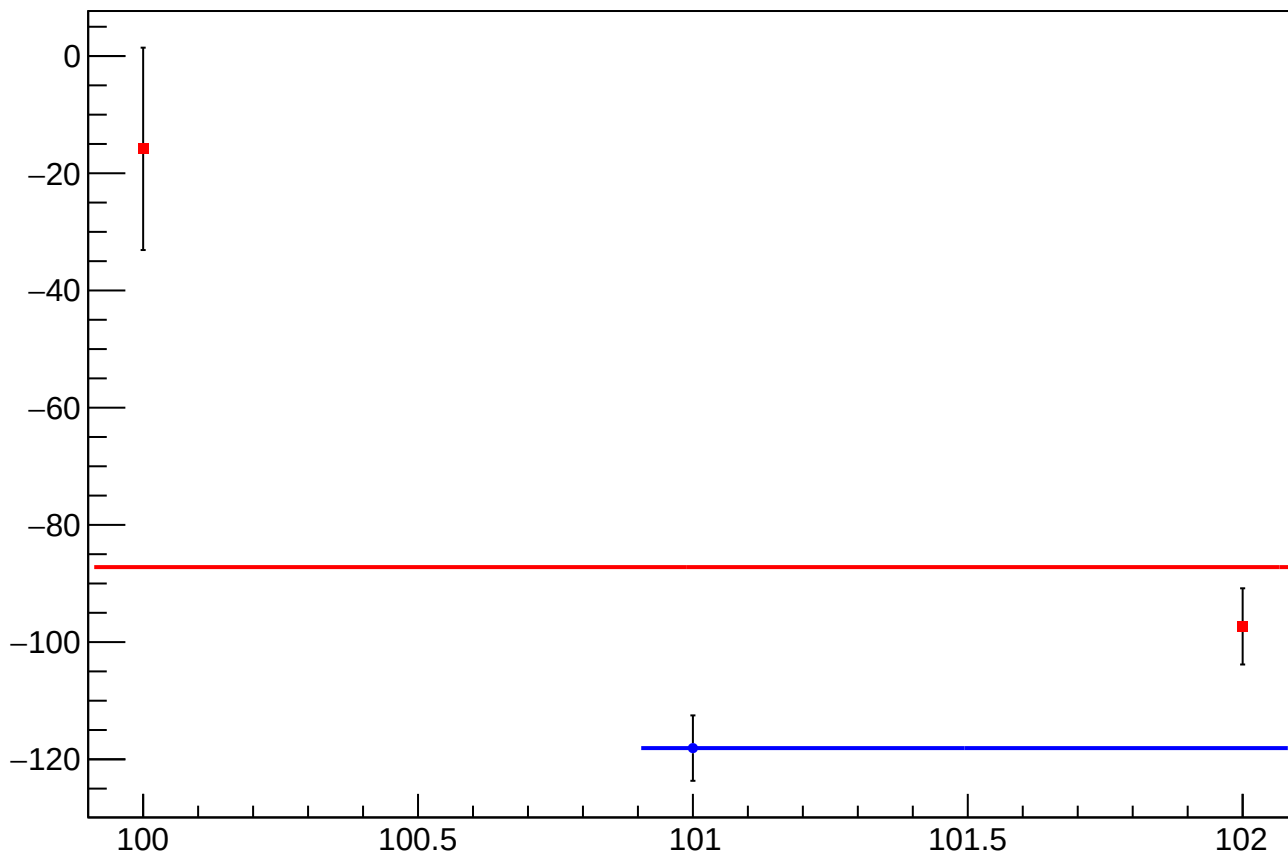
Right: -37.376 ± 4.702 χ^2/NDF : 10.4/2

In: -26.272 ± 5.831 χ^2/NDF : 0.0/0

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -37.376 ± 4.702 χ^2/NDF : 10.4/2

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -118.088+/-5.579 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -87.203+/-6.084 χ^2/NDF : 19.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

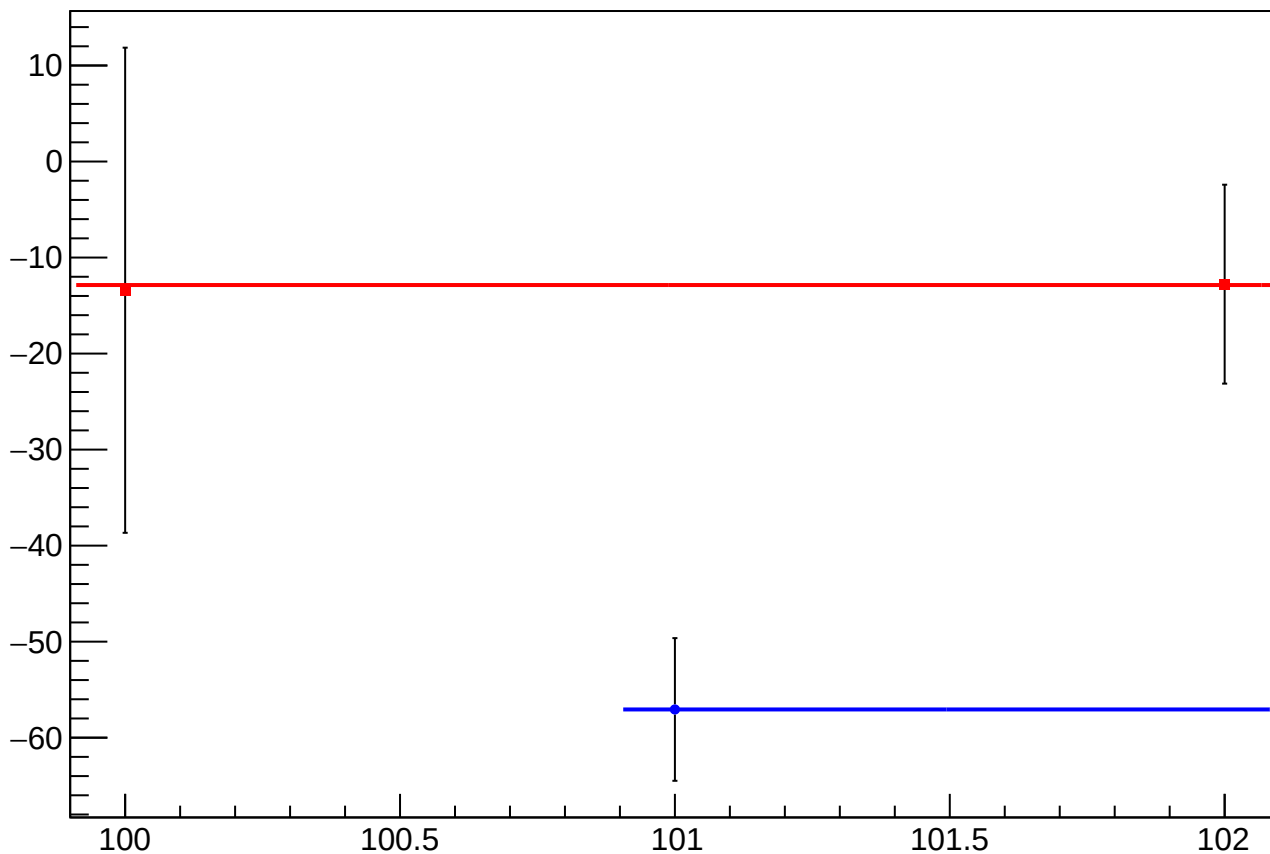
Right: -103.978+/-4.112 χ^2/NDF : 33.5/2

In: -118.088+/-5.579 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -103.978+/-4.112 χ^2/NDF : 33.5/2

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -57.061 $\pm$ 7.429 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -12.862 $\pm$ 9.584 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

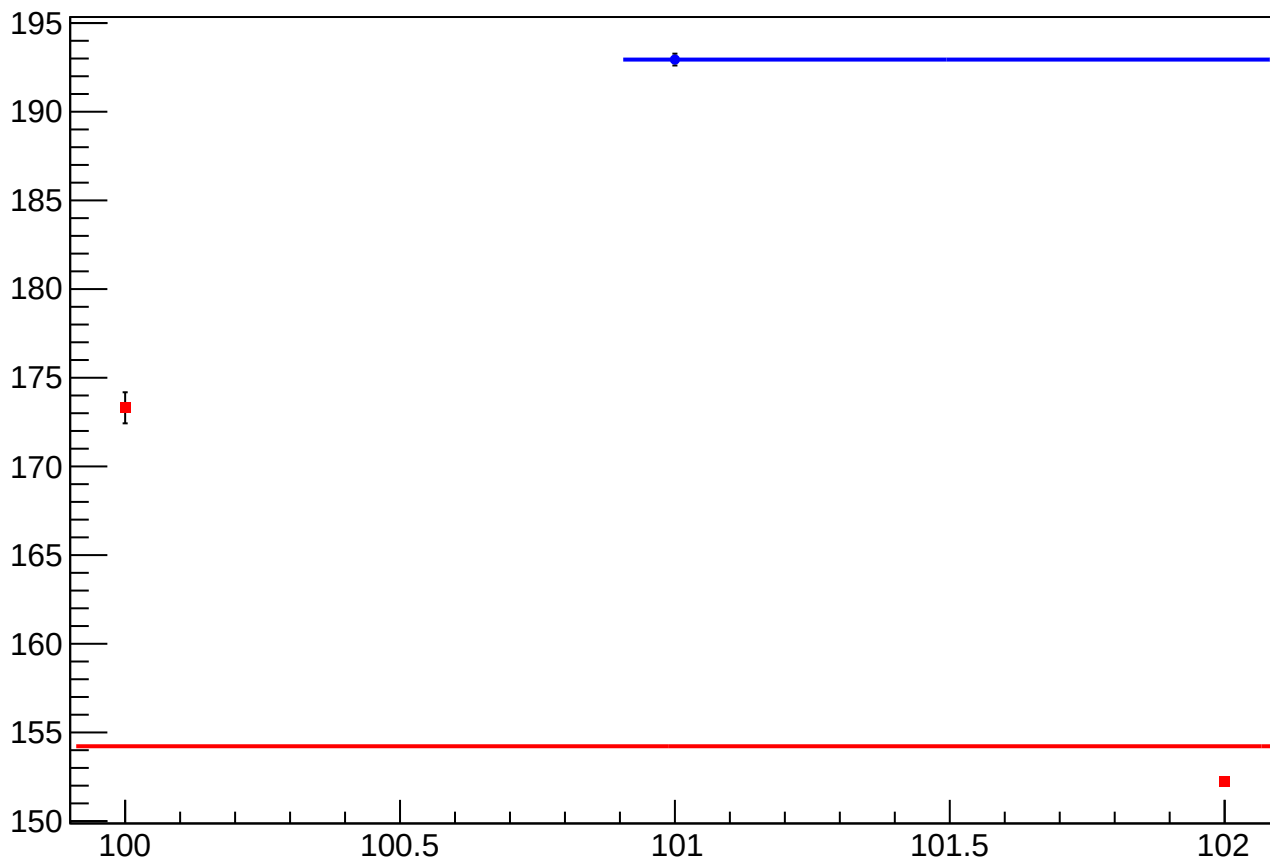
Right: -40.469 $\pm$ 5.872 χ^2 /NDF: 13.3/2

In: -57.061 $\pm$ 7.429 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -40.469 $\pm$ 5.872 χ^2 /NDF: 13.3/2

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 192.940 ± 0.333 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 154.222 ± 0.270 $\chi^2/\text{NDF}: 524.8/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

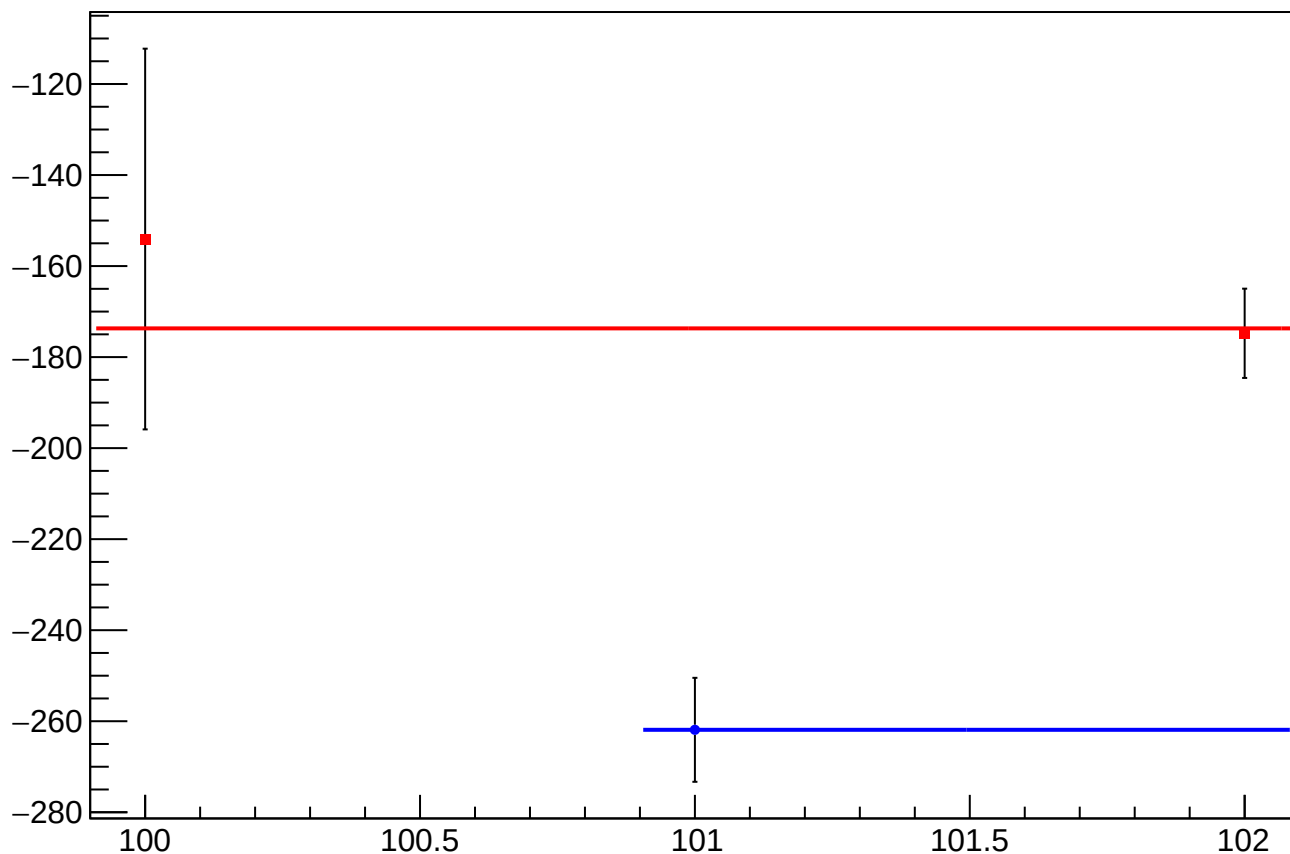
Right: 169.562 ± 0.210 $\chi^2/\text{NDF}: 8679.4/2$

In: 192.940 ± 0.333 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 169.562 ± 0.210 $\chi^2/\text{NDF}: 8679.4/2$

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -261.889 $\pm$ 11.421 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -173.692 $\pm$ 9.547 χ^2/NDF : 0.2/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

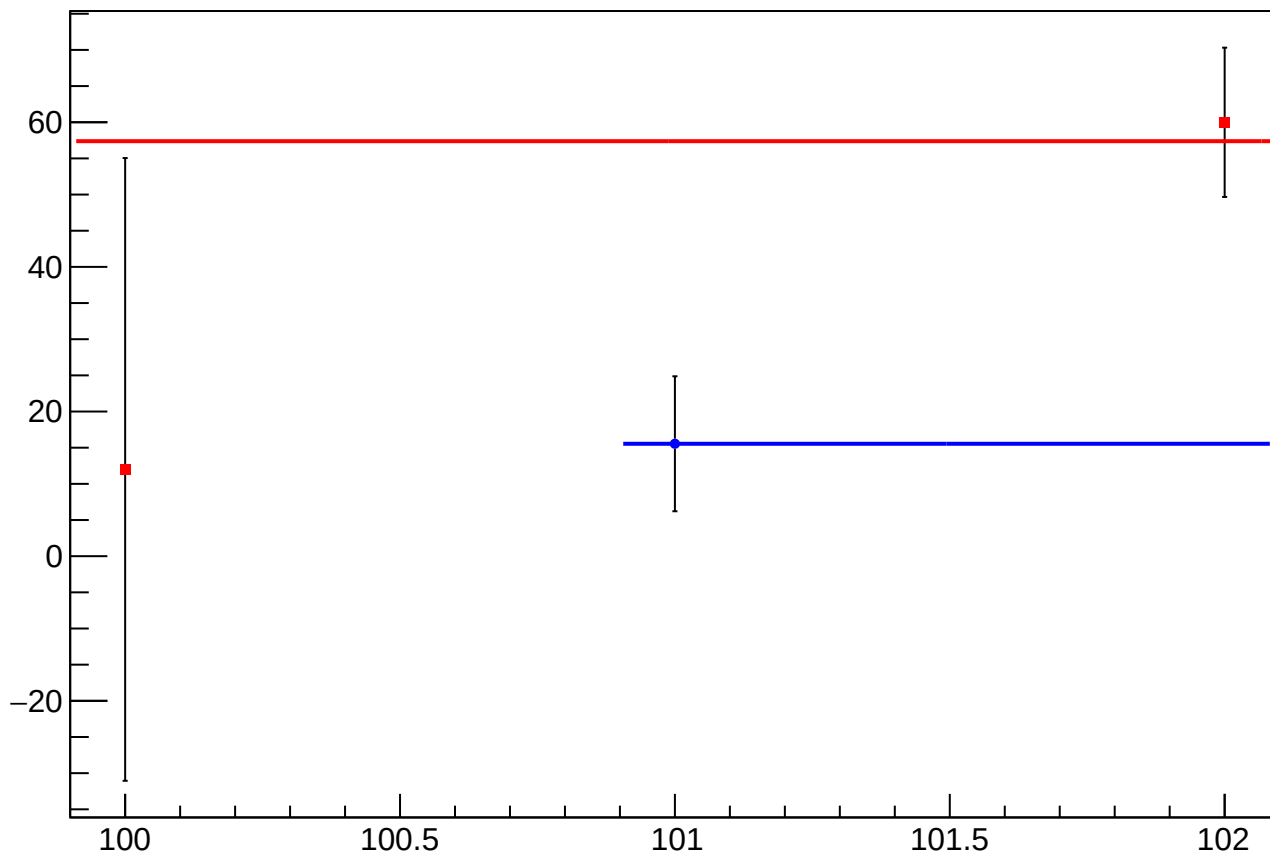
Right: -209.971 $\pm$ 7.325 χ^2/NDF : 35.3/2

In: -261.889 $\pm$ 11.421 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -209.971 $\pm$ 7.325 χ^2/NDF : 35.3/2

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.543+/-9.330 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.382+/-10.036 χ^2/NDF : 1.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

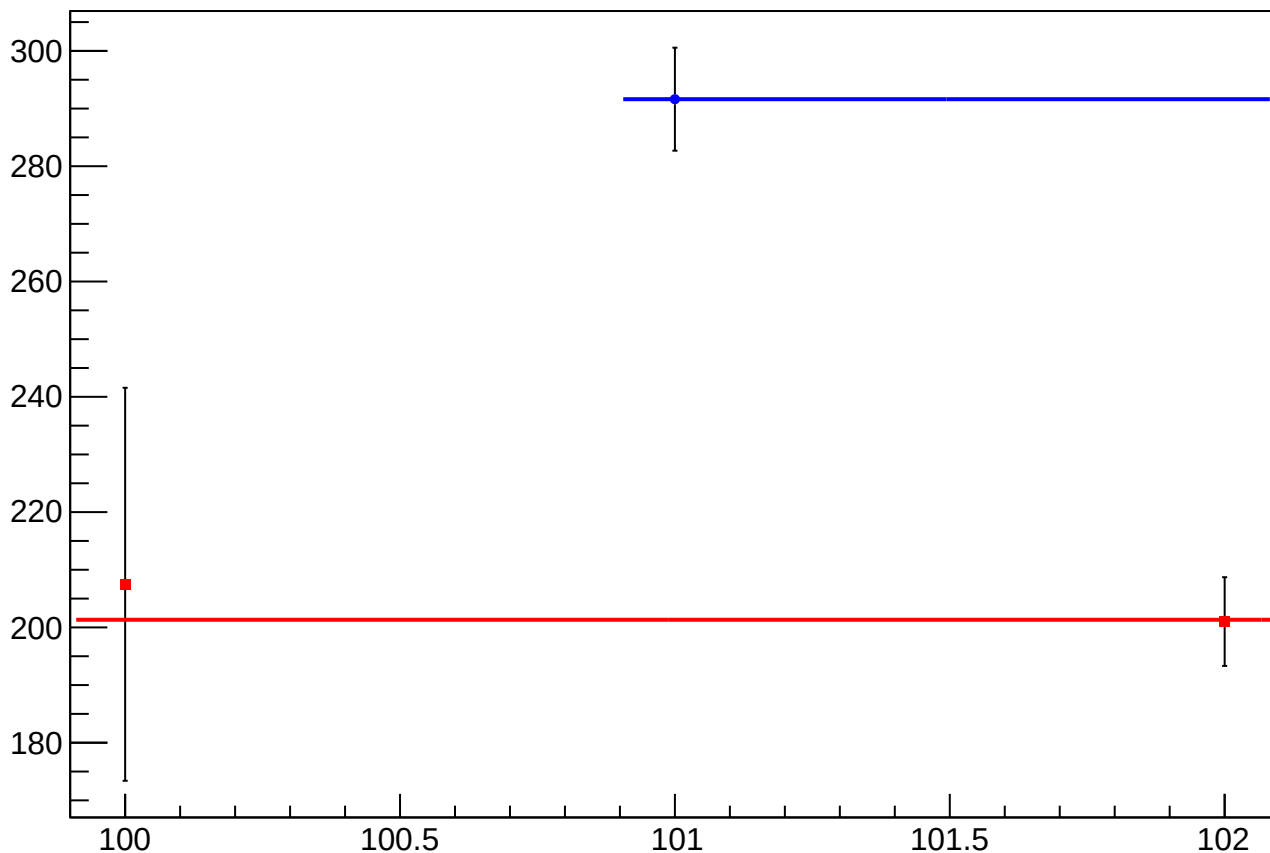
Right: 34.939+/-6.833 χ^2/NDF : 10.5/2

In: 15.543+/-9.330 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.939+/-6.833 χ^2/NDF : 10.5/2

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 291.627 $\pm$ 8.936 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 201.328 $\pm$ 7.504 χ^2/NDF : 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

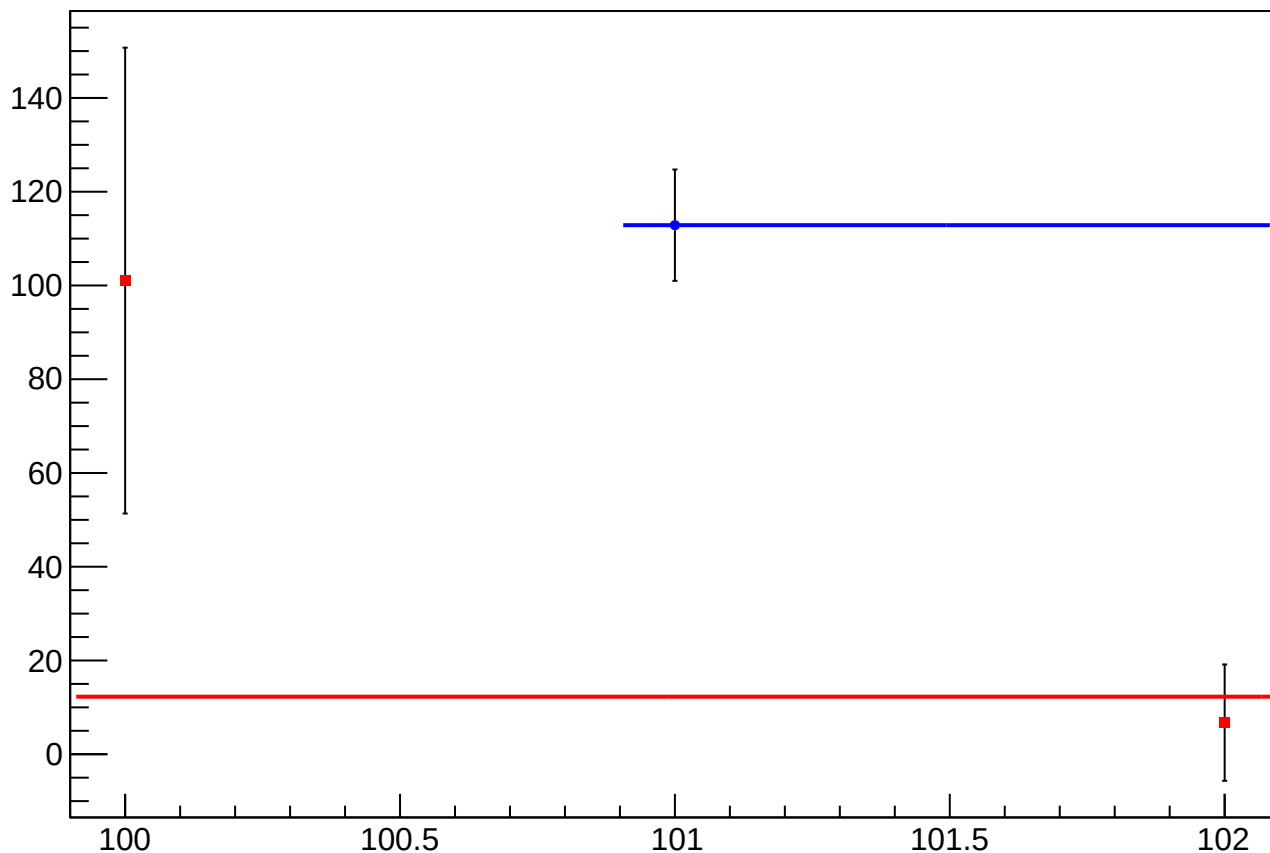
Right: 238.673 $\pm$ 5.747 χ^2/NDF : 59.9/2

In: 291.627 $\pm$ 8.936 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 238.673 $\pm$ 5.747 χ^2/NDF : 59.9/2

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 112.862 $\pm$ 11.876 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 12.277 $\pm$ 12.039 χ^2 /NDF: 3.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

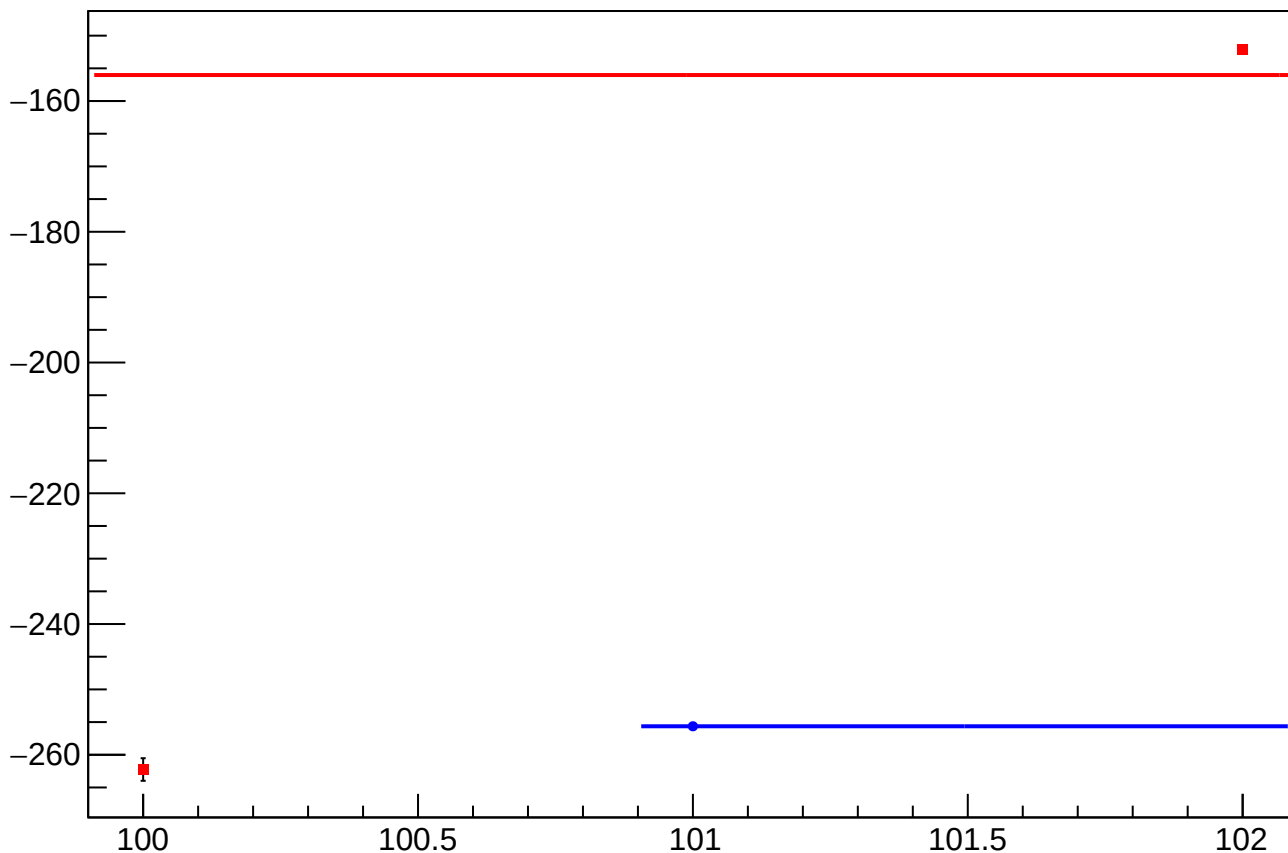
Right: 63.255 $\pm$ 8.455 χ^2 /NDF: 38.8/2

In: 112.862 $\pm$ 11.876 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 63.255 $\pm$ 8.455 χ^2 /NDF: 38.8/2

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -255.640 $\pm$ 0.531 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -156.024 $\pm$ 0.323 χ^2/NDF : 3923.4/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

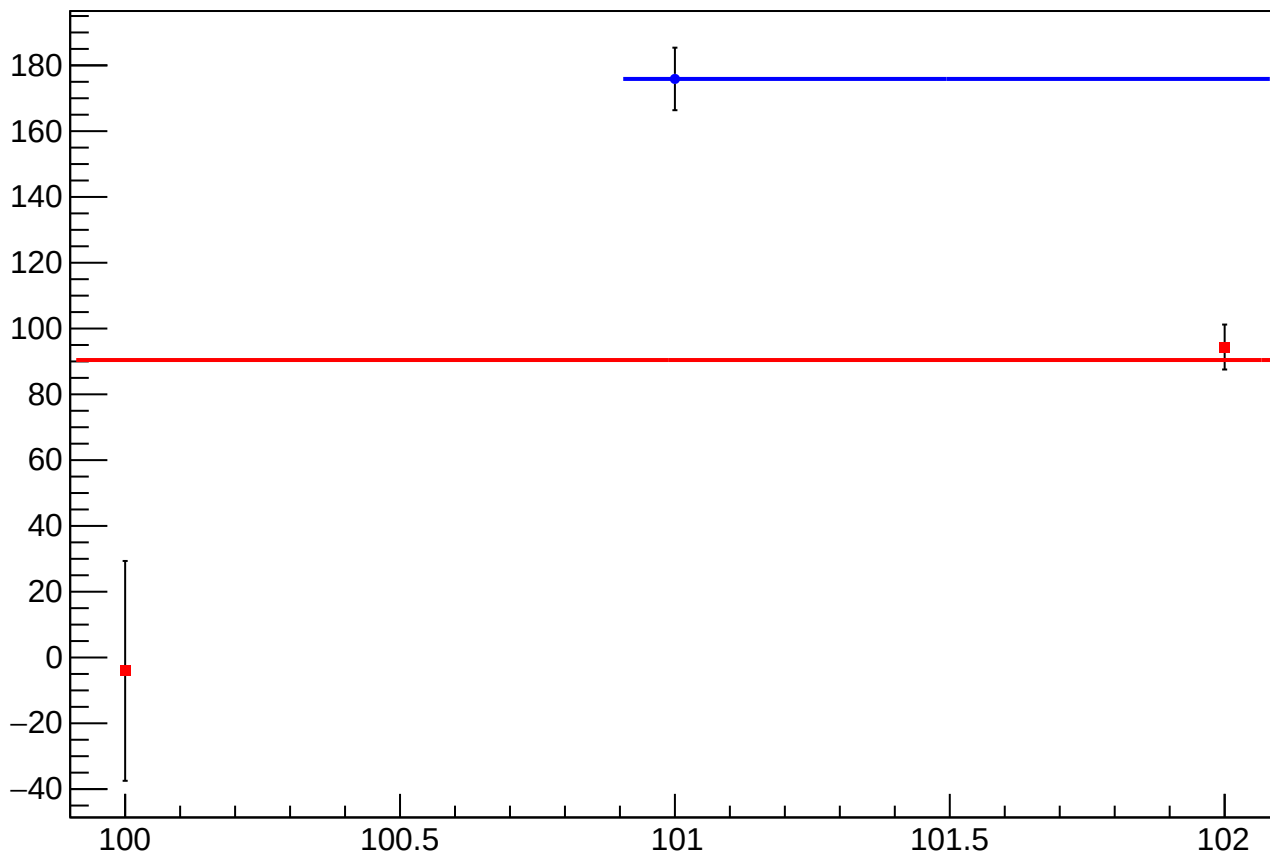
Right: -182.946 $\pm$ 0.276 χ^2/NDF : 29607.1/2

In: -255.640 $\pm$ 0.531 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -182.946 $\pm$ 0.276 χ^2/NDF : 29607.1/2

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 175.875+/-9.503 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.429+/-6.693 χ^2/NDF : 8.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

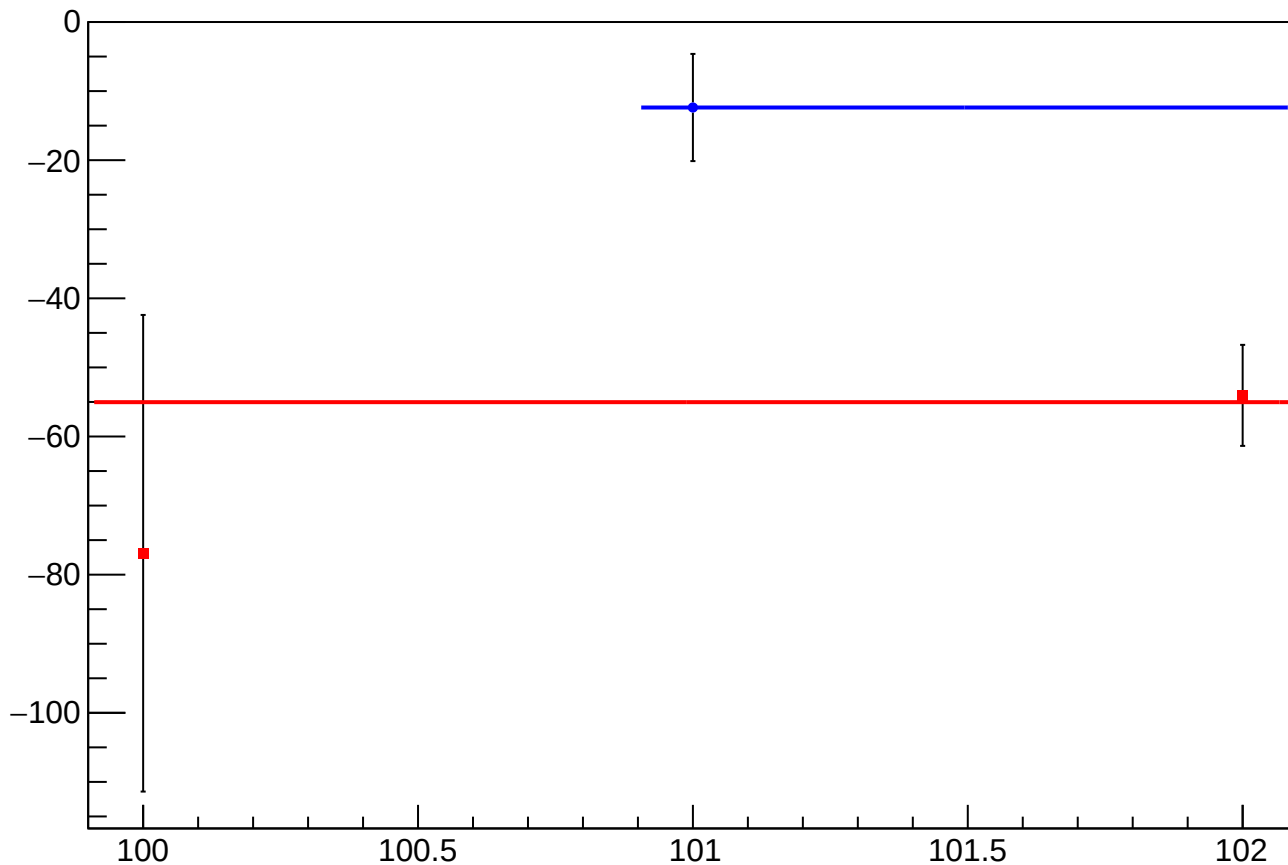
Right: 118.761+/-5.472 χ^2/NDF : 62.4/2

In: 175.875+/-9.503 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.761+/-5.472 χ^2/NDF : 62.4/2

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.376+/-7.757 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -55.029+/-7.153 χ^2/NDF : 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

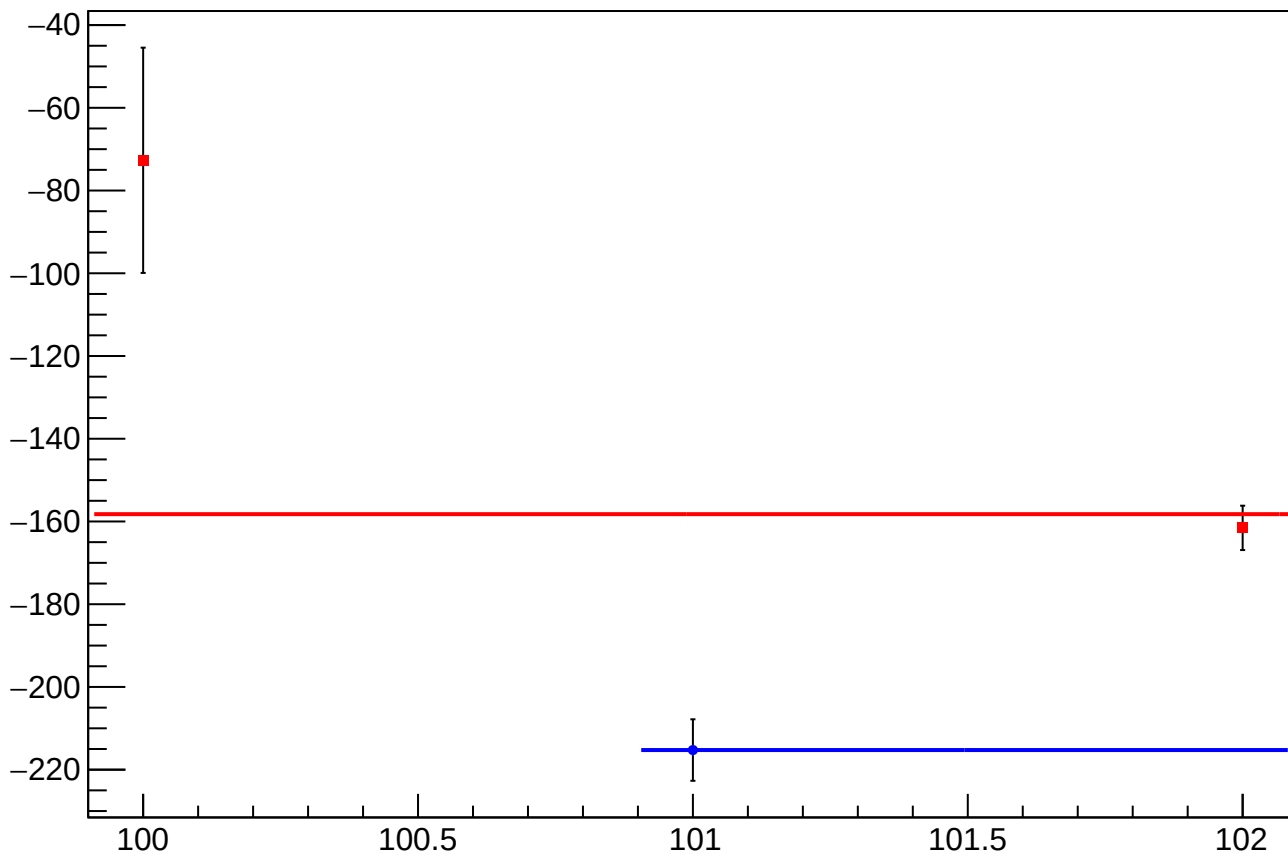
Right: -35.428+/-5.259 χ^2/NDF : 16.8/2

In: -12.376+/-7.757 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.428+/-5.259 χ^2/NDF : 16.8/2

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -215.253+/-7.435 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -158.231+/-5.260 χ^2/NDF : 10.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

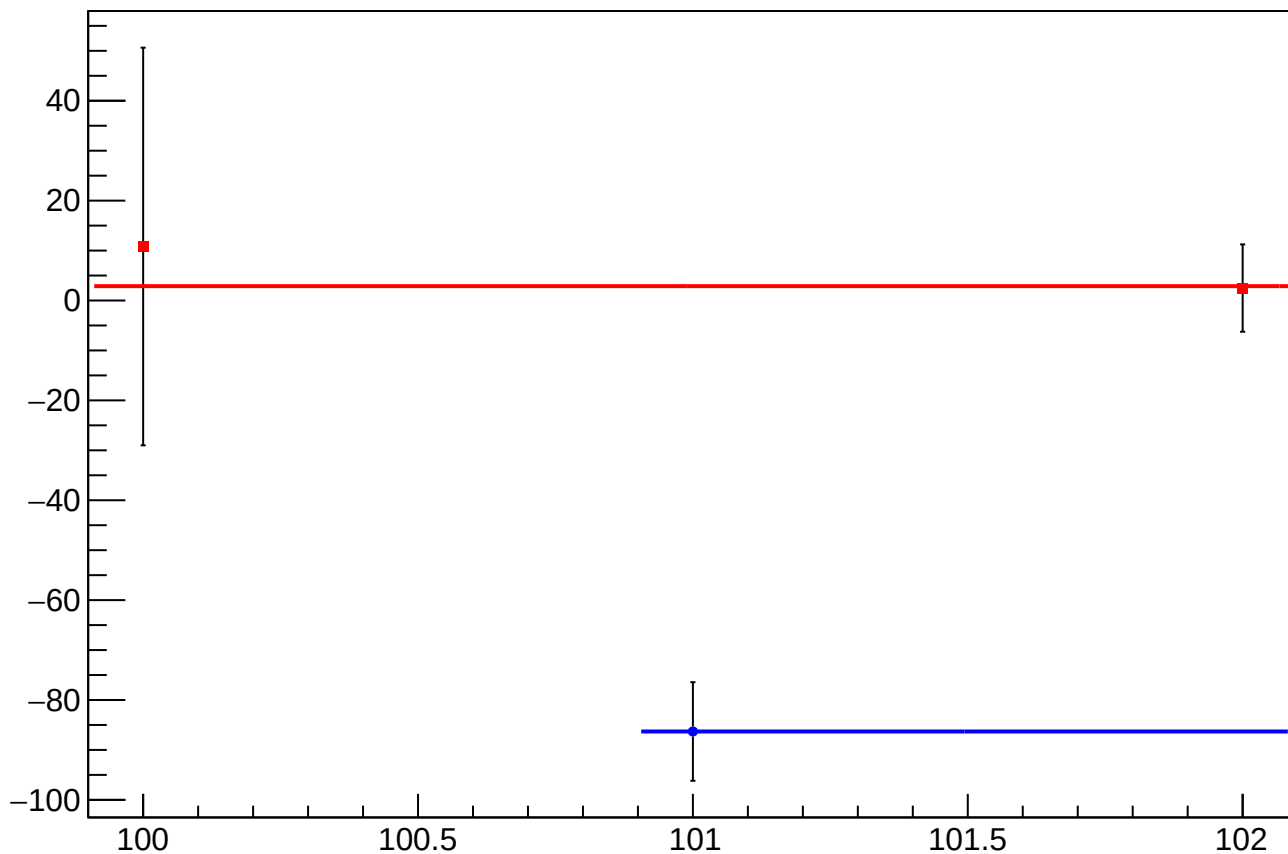
Right: -177.250+/-4.294 χ^2/NDF : 49.5/2

In: -215.253+/-7.435 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -177.250+/-4.294 χ^2/NDF : 49.5/2

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -86.307 $\pm$ 9.874 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.874 $\pm$ 8.543 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

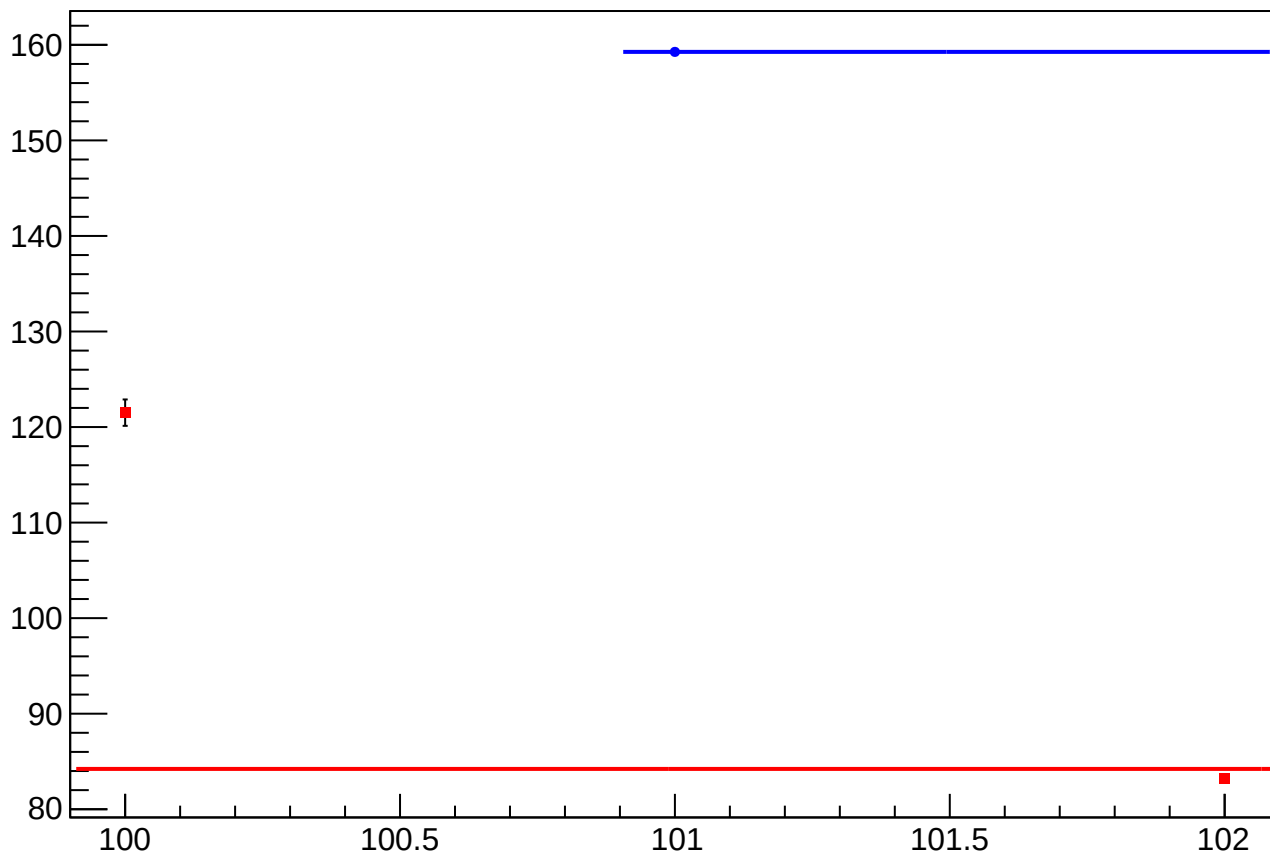
Right: -35.303 $\pm$ 6.461 χ^2 /NDF: 46.7/2

In: -86.307 $\pm$ 9.874 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -35.303 $\pm$ 6.461 χ^2 /NDF: 46.7/2

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 159.263 $\pm$ 0.441 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 84.220 $\pm$ 0.225 χ^2/NDF : 749.7/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

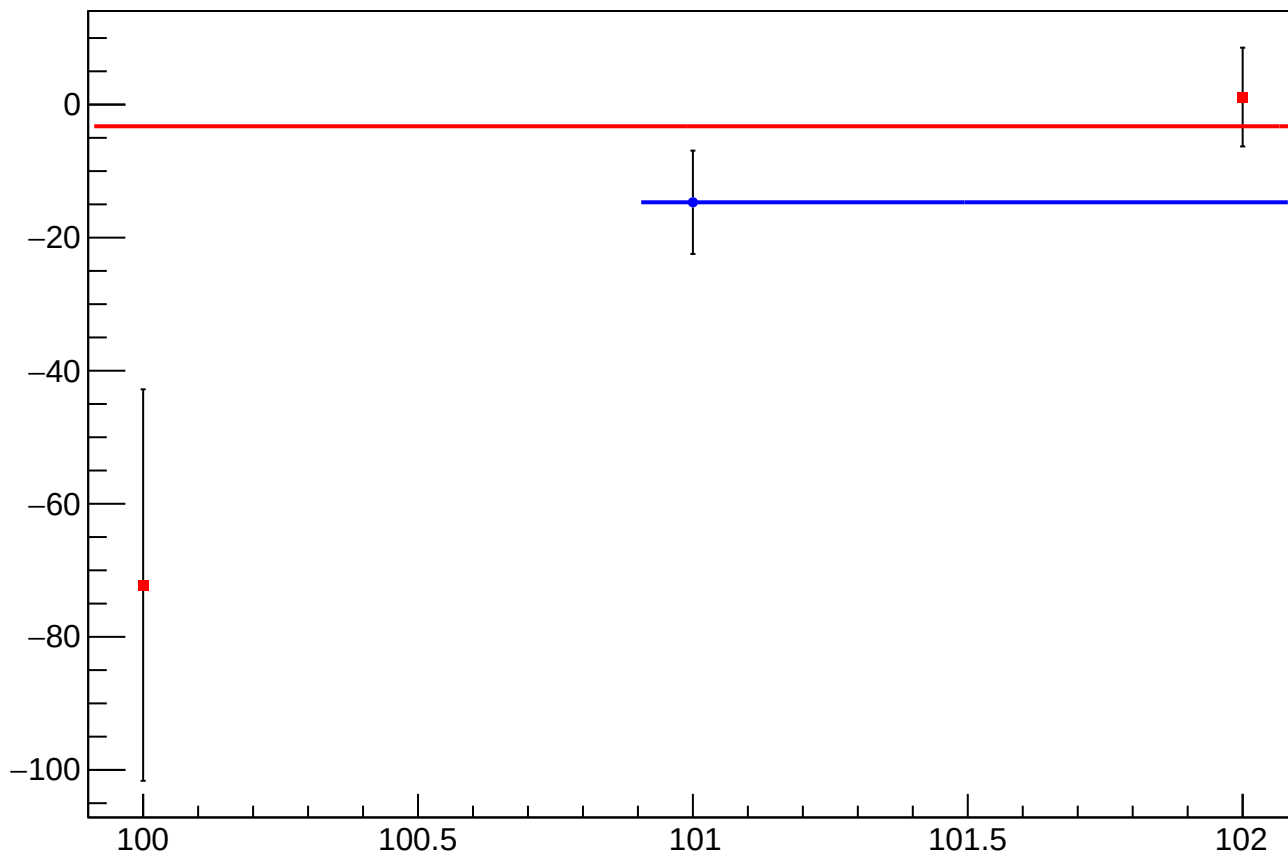
Right: 99.696 $\pm$ 0.200 χ^2/NDF : 23744.2/2

In: 159.263 $\pm$ 0.441 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 99.696 $\pm$ 0.200 χ^2/NDF : 23744.2/2

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -14.686+/-7.765 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.261+/-7.197 χ^2/NDF : 5.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

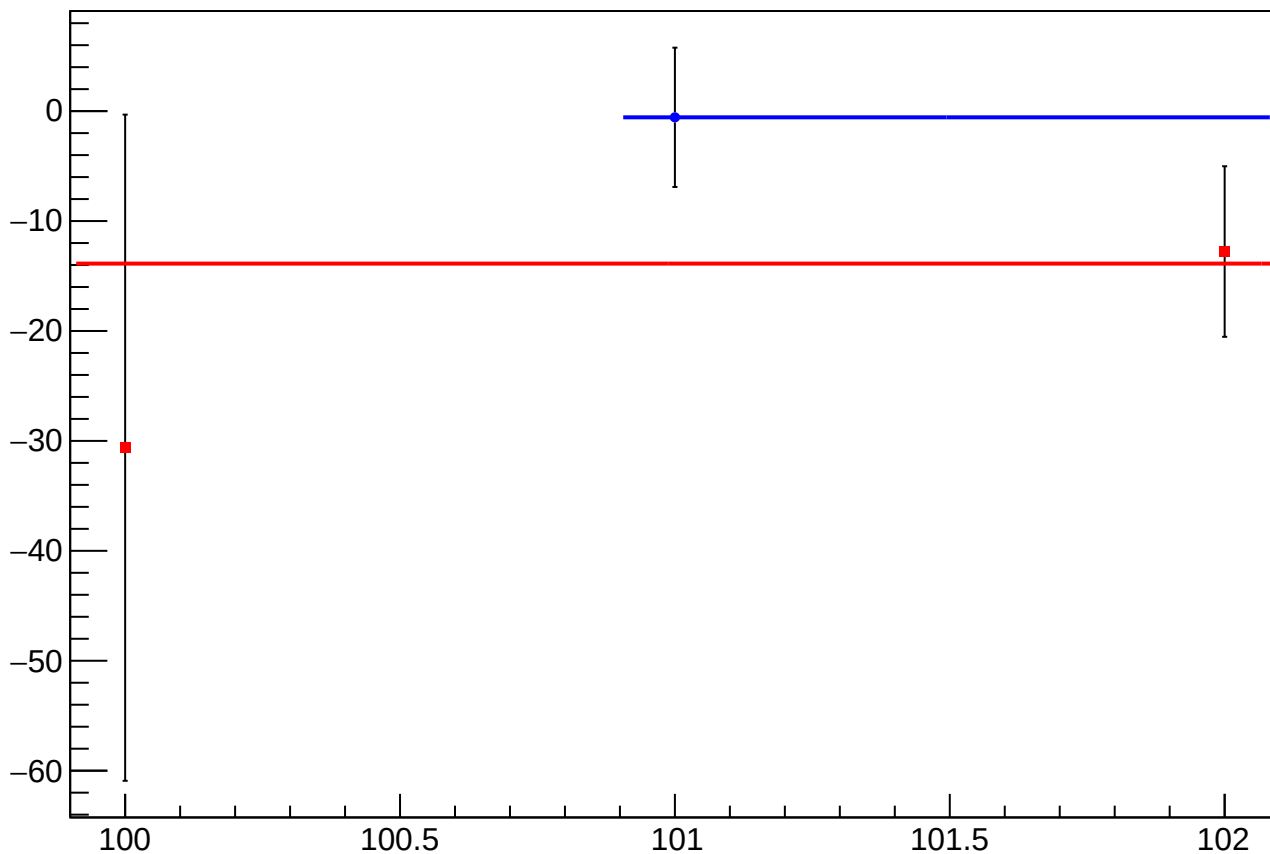
Right: -8.540+/-5.279 χ^2/NDF : 7.0/2

In: -14.686+/-7.765 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.540+/-5.279 χ^2/NDF : 7.0/2

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.564+/-6.336 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.871+/-7.515 χ^2/NDF : 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

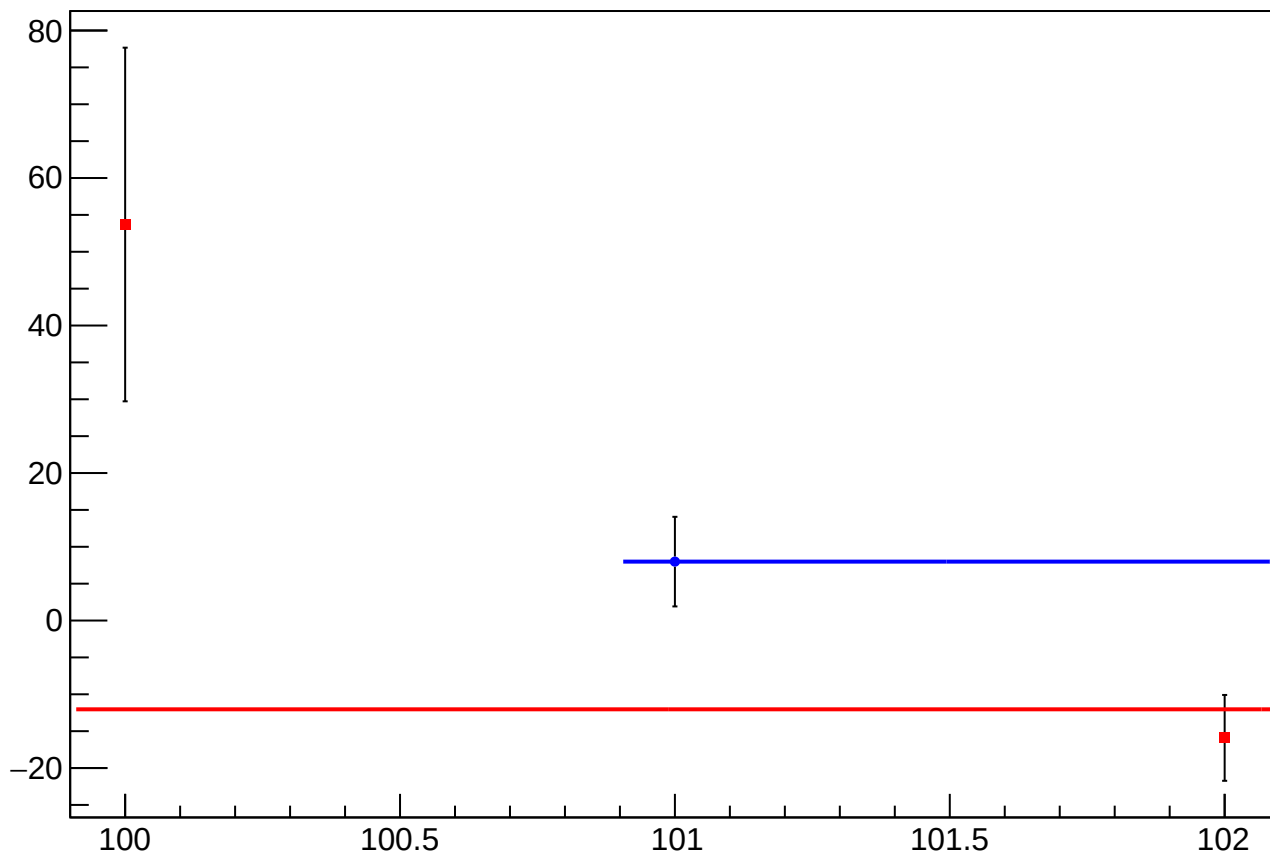
Right: -6.093+/-4.844 χ^2/NDF : 2.2/2

In: -0.564+/-6.336 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.093+/-4.844 χ^2/NDF : 2.2/2

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.989 ± 6.074 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -12.037 ± 5.655 $\chi^2/\text{NDF}: 8.0/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

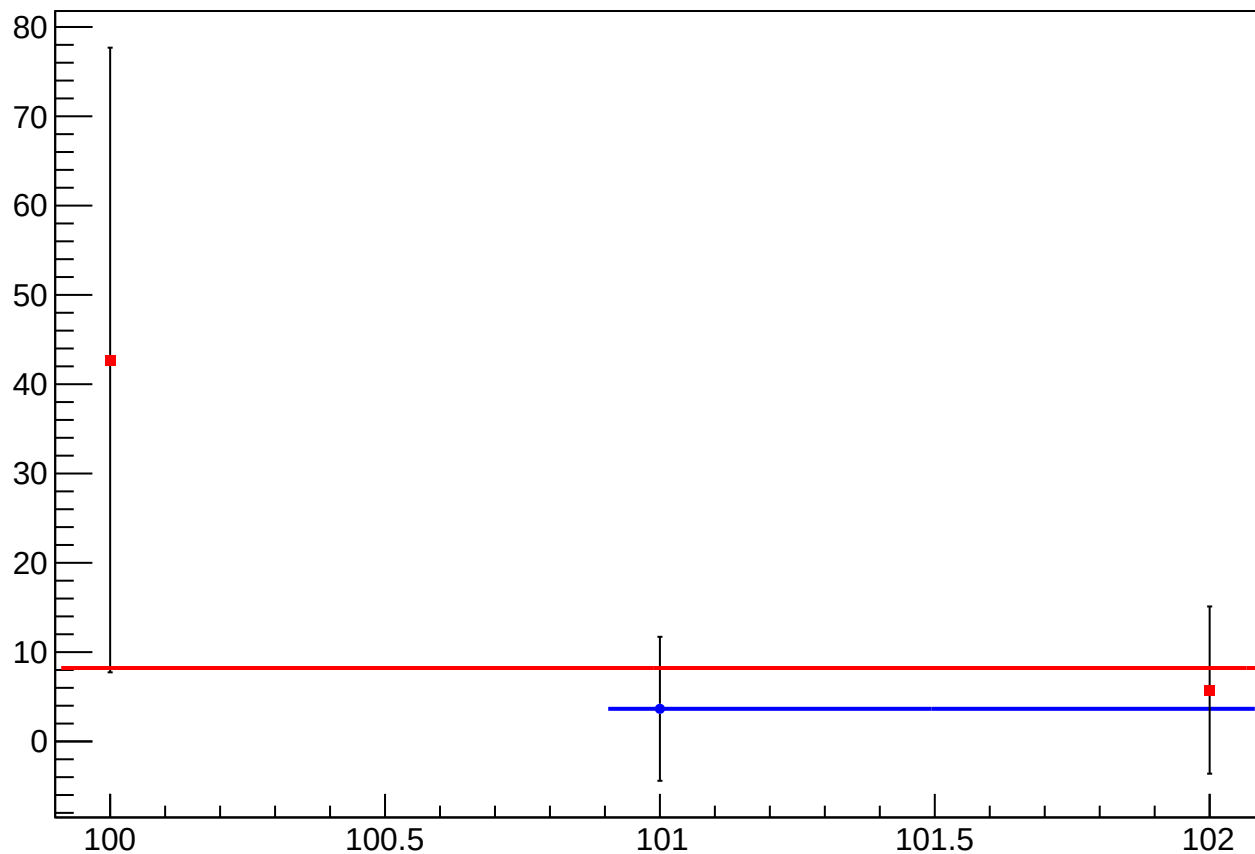
Right: -2.738 ± 4.139 $\chi^2/\text{NDF}: 13.8/2$

In: 7.989 ± 6.074 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -2.738 ± 4.139 $\chi^2/\text{NDF}: 13.8/2$

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.653 ± 8.061 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 8.222 ± 9.044 $\chi^2/\text{NDF}: 1.0/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

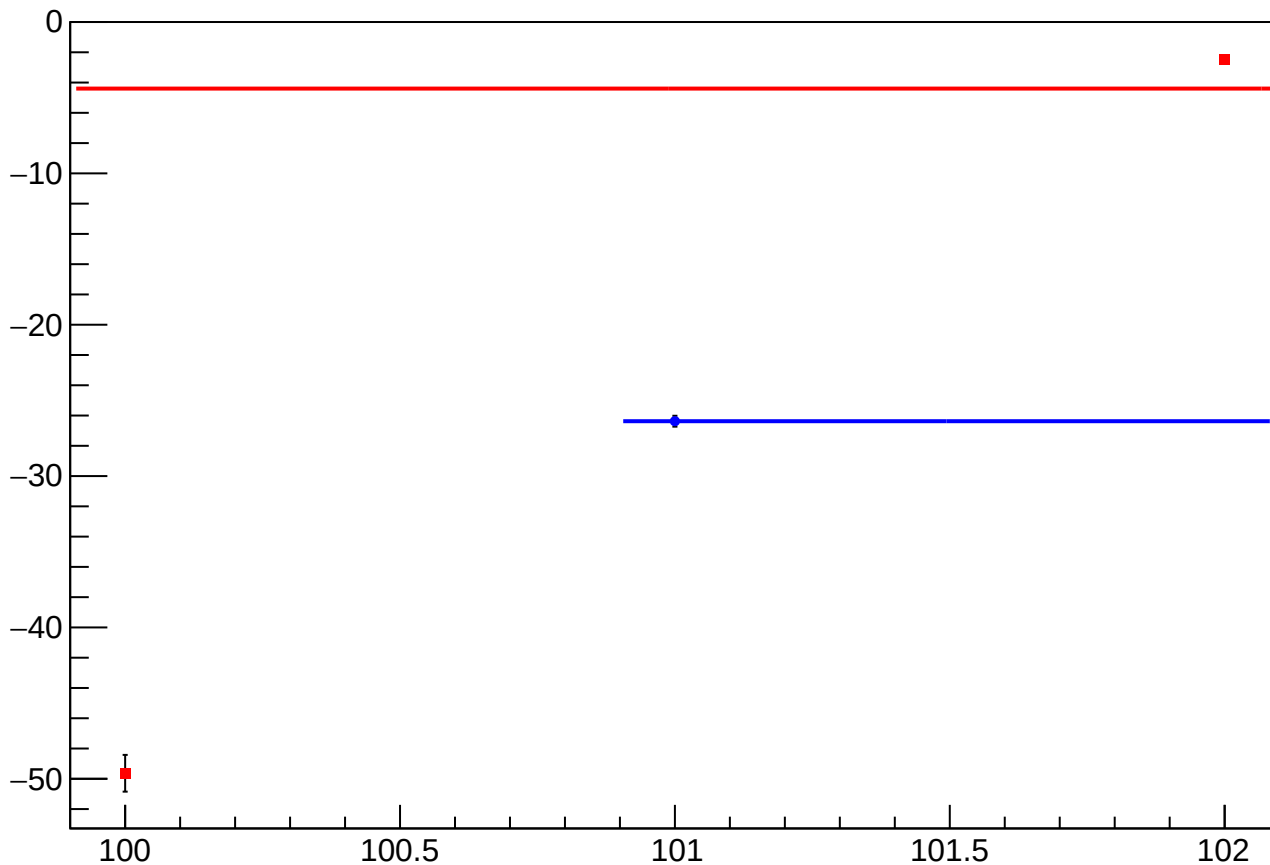
Right: 5.676 ± 6.018 $\chi^2/\text{NDF}: 1.2/2$

In: 3.653 ± 8.061 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 5.676 ± 6.018 $\chi^2/\text{NDF}: 1.2/2$

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -26.374 $\pm$ 0.359 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4.398 $\pm$ 0.246 χ^2 /NDF: 1448.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

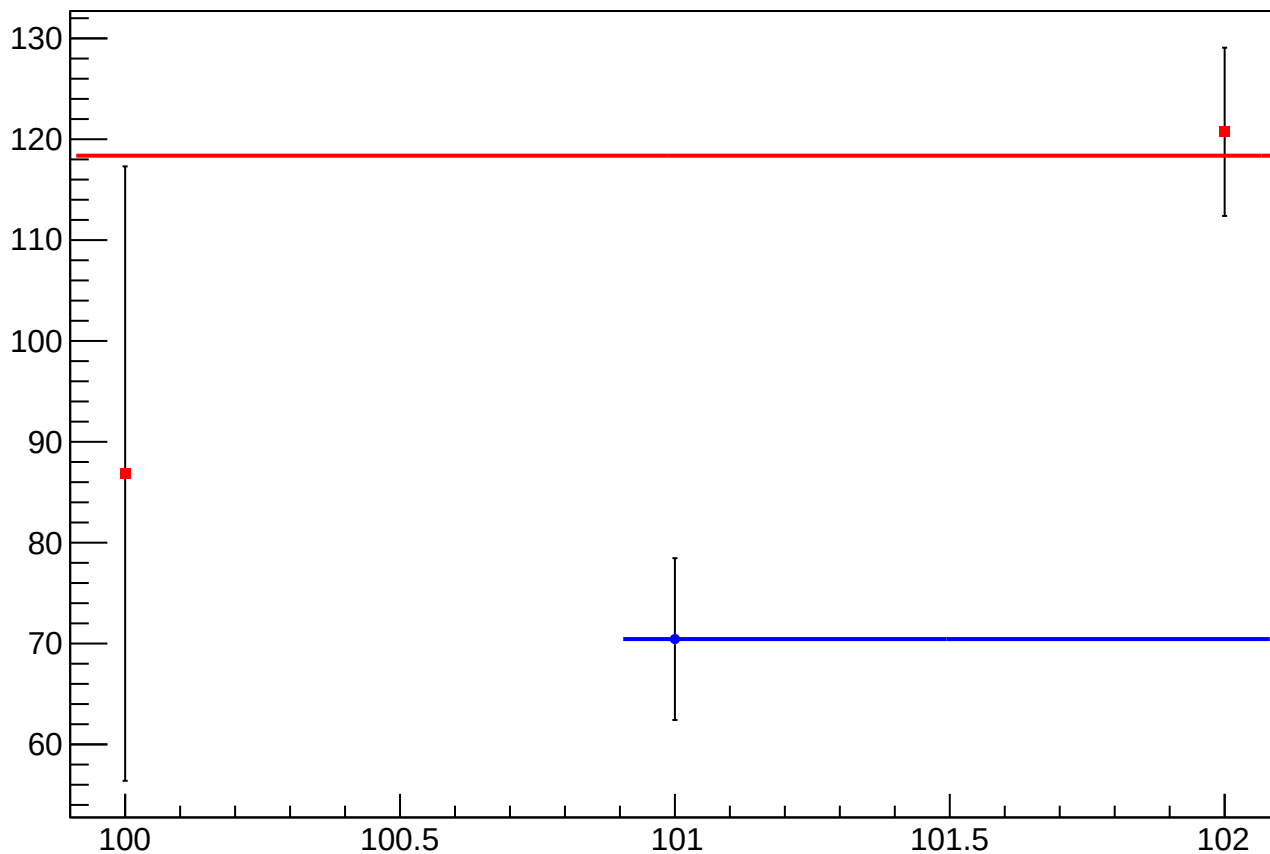
Right: -11.412 $\pm$ 0.203 χ^2 /NDF: 3993.5/2

In: -26.374 $\pm$ 0.359 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -11.412 $\pm$ 0.203 χ^2 /NDF: 3993.5/2

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 70.443+/-8.023 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.370+/-8.047 χ^2/NDF : 1.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

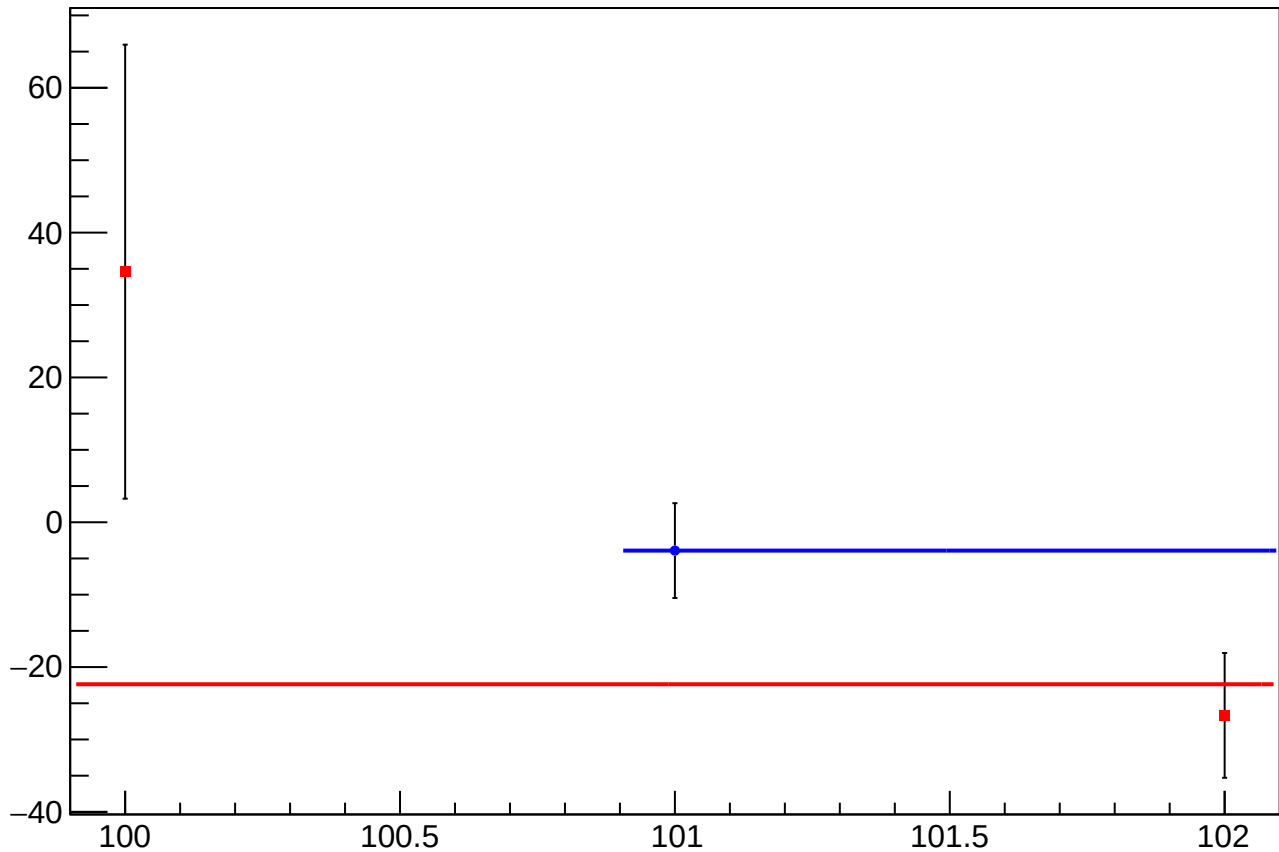
Right: 94.335+/-5.682 χ^2/NDF : 18.9/2

In: 70.443+/-8.023 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.335+/-5.682 χ^2/NDF : 18.9/2

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.914+/-6.548 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -22.373+/-8.308 χ^2/NDF : 3.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

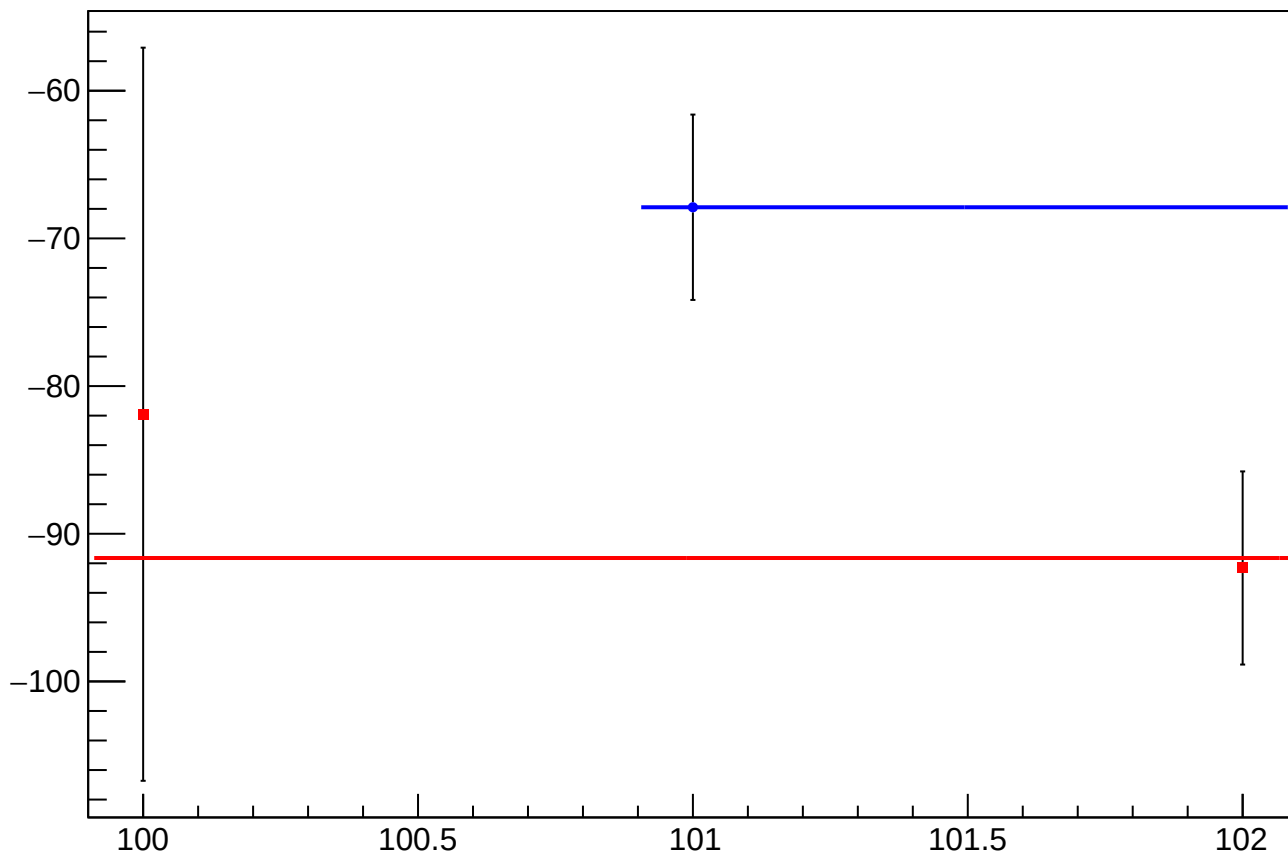
Right: -10.988+/-5.143 χ^2/NDF : 6.6/2

In: -3.914+/-6.548 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.988+/-5.143 χ^2/NDF : 6.6/2

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -67.891 $\pm$ 6.276 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -91.642 $\pm$ 6.324 χ^2 /NDF: 0.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

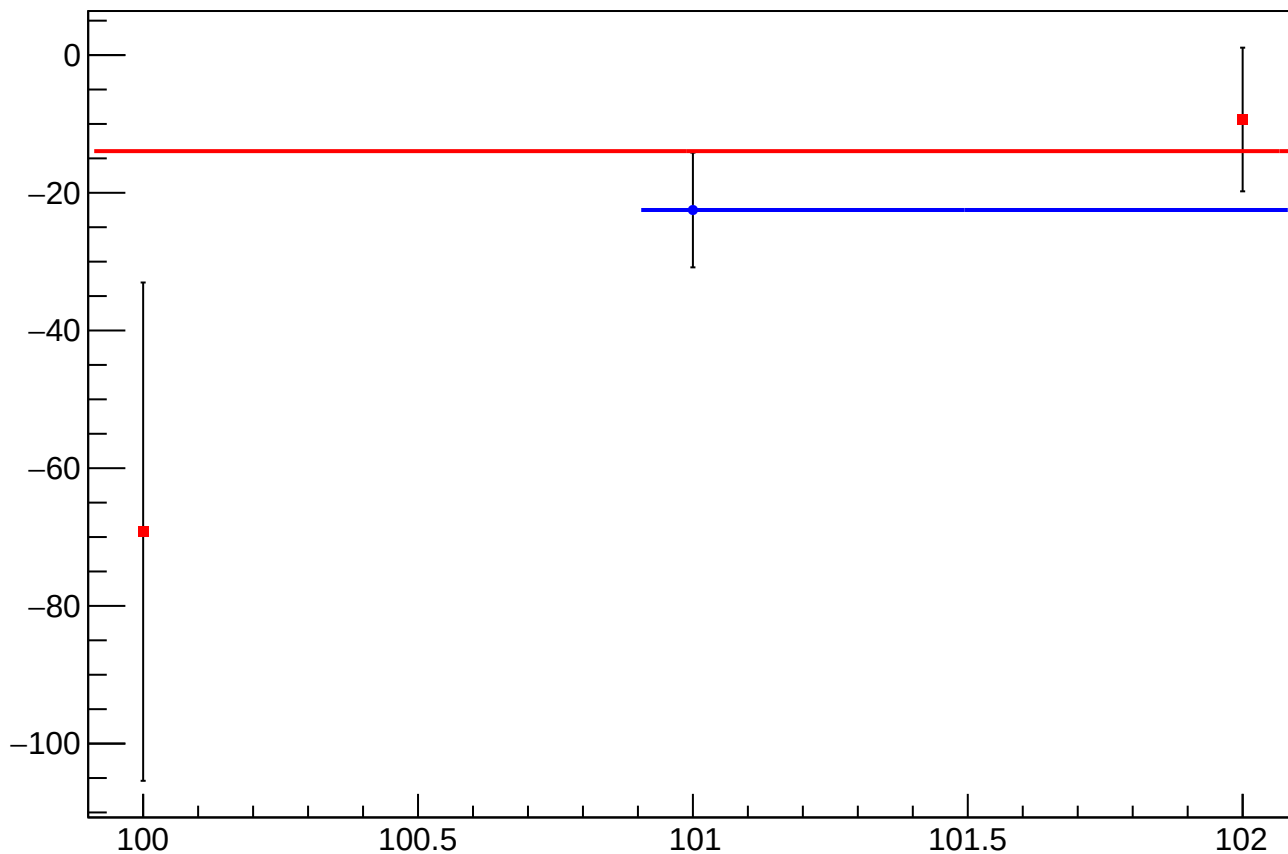
Right: -79.676 $\pm$ 4.455 χ^2 /NDF: 7.3/2

In: -67.891 $\pm$ 6.276 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -79.676 $\pm$ 4.455 χ^2 /NDF: 7.3/2

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -22.499 $\pm$ 8.331 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -13.949 $\pm$ 10.025 χ^2 /NDF: 2.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

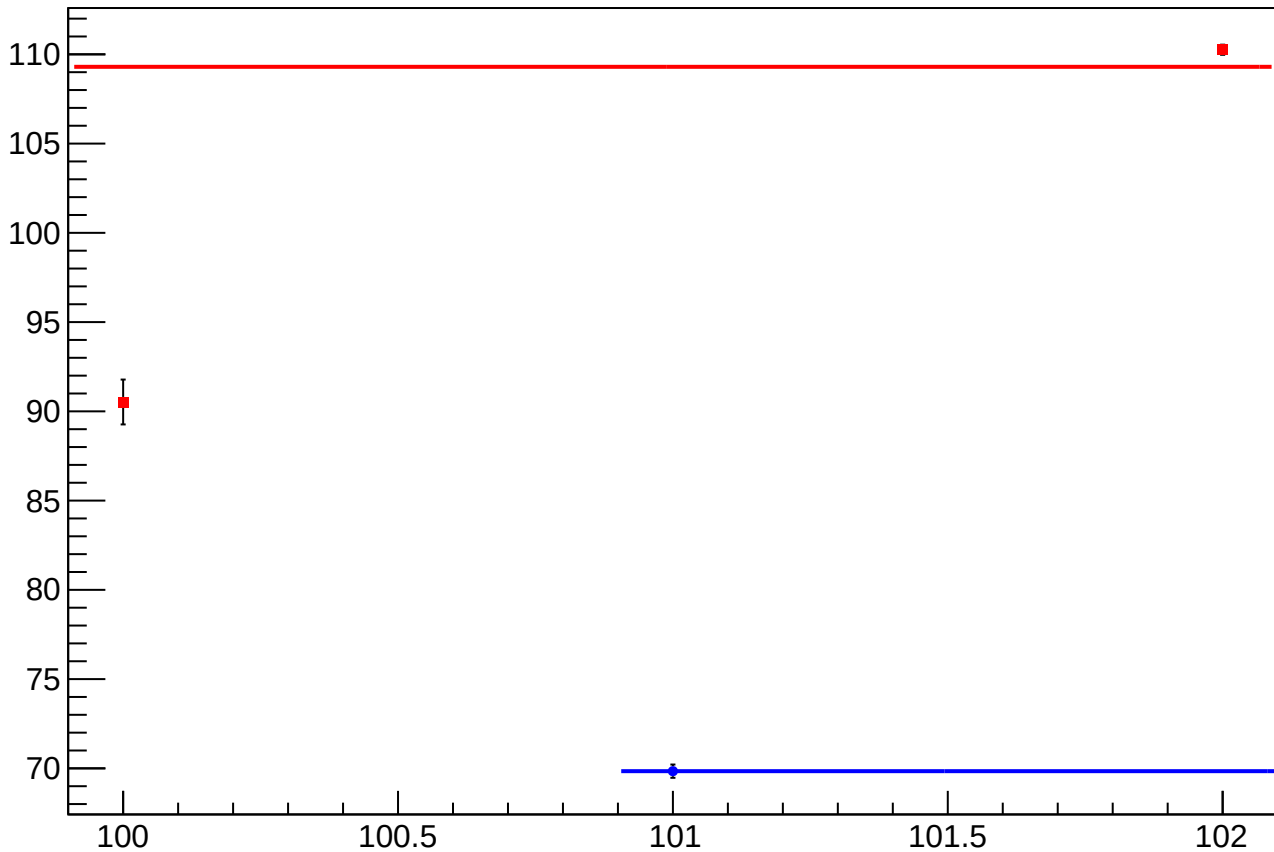
Right: -19.006 $\pm$ 6.407 χ^2 /NDF: 3.0/2

In: -22.499 $\pm$ 8.331 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -19.006 $\pm$ 6.407 χ^2 /NDF: 3.0/2

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 69.843+/-0.372 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.301+/-0.277 χ^2/NDF : 234.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

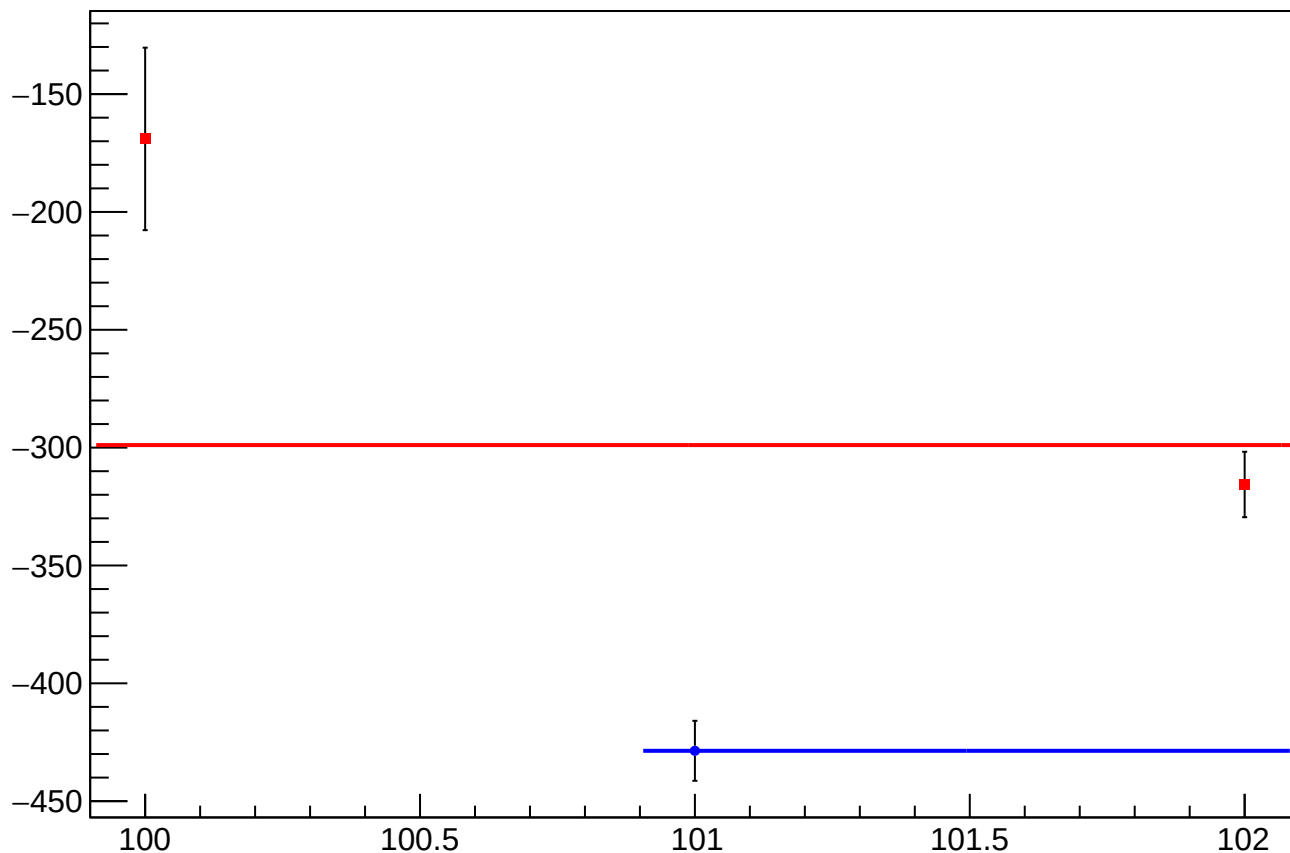
Right: 95.221+/-0.222 χ^2/NDF : 7487.3/2

In: 69.843+/-0.372 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.221+/-0.222 χ^2/NDF : 7487.3/2

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -428.635 $\pm$ 12.724 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -298.917 $\pm$ 13.072 χ^2 /NDF: 12.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

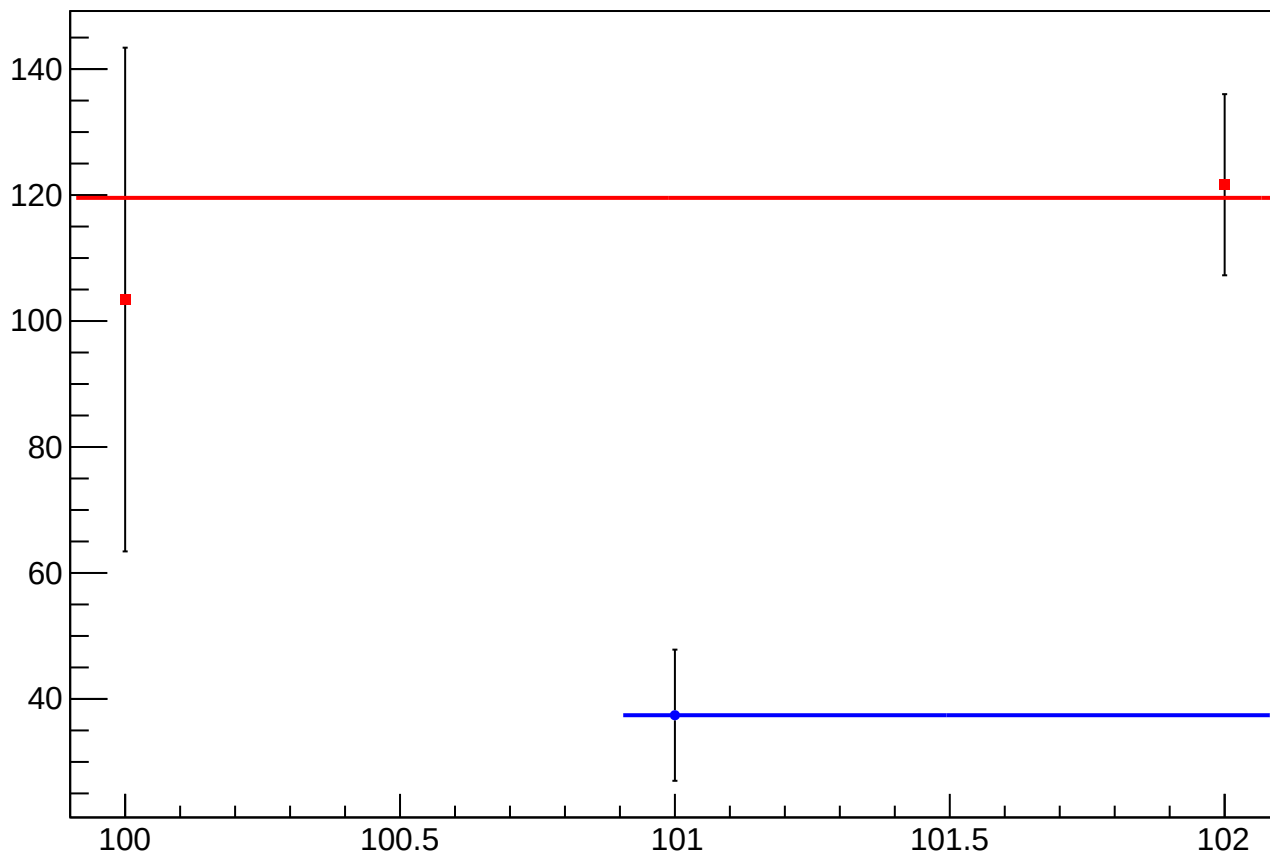
Right: -365.523 $\pm$ 9.118 χ^2 /NDF: 63.3/2

In: -428.635 $\pm$ 12.724 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -365.523 $\pm$ 9.118 χ^2 /NDF: 63.3/2

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 37.416+/-10.412 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.551+/-13.531 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

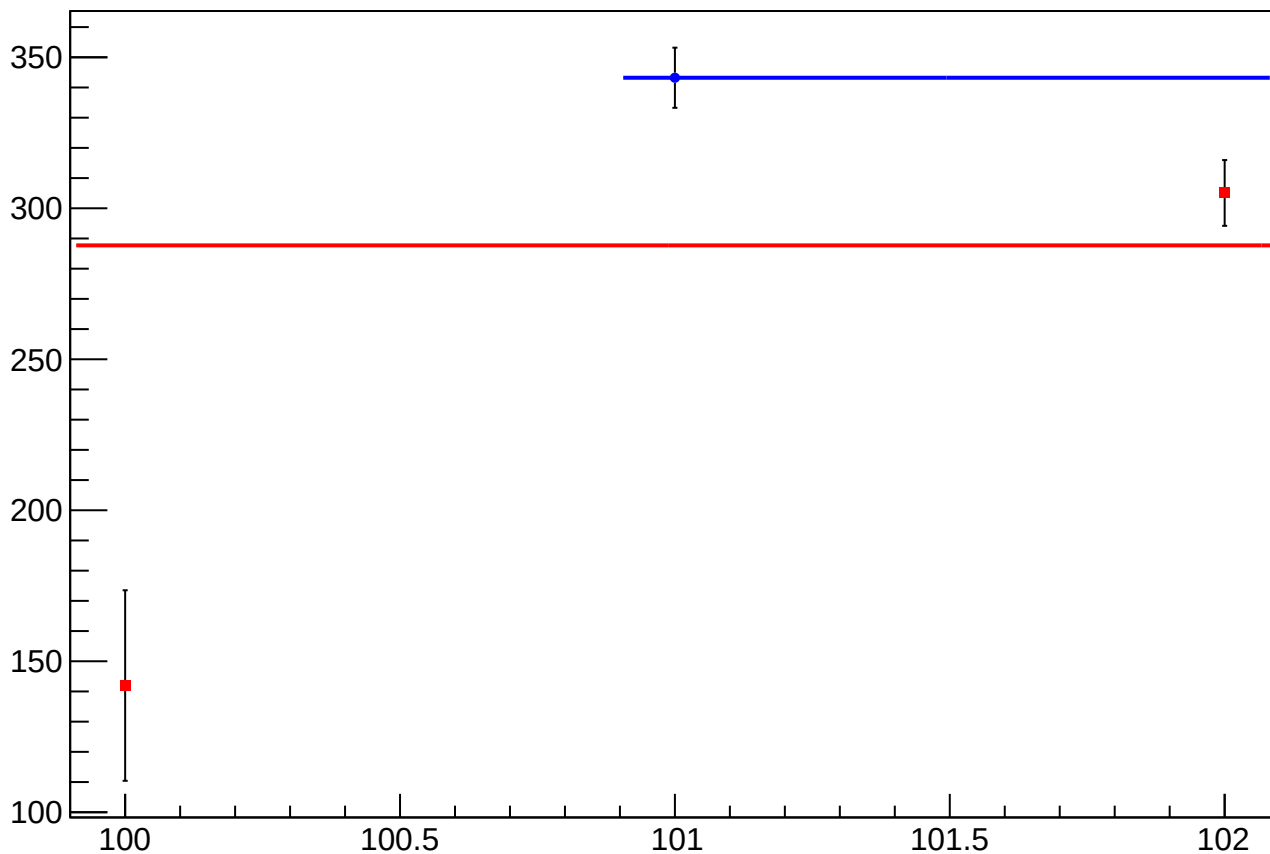
Right: 67.962+/-8.252 χ^2/NDF : 23.3/2

In: 37.416+/-10.412 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.962+/-8.252 χ^2/NDF : 23.3/2

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 343.228+/-9.960 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 287.718+/-10.292 χ^2/NDF : 23.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

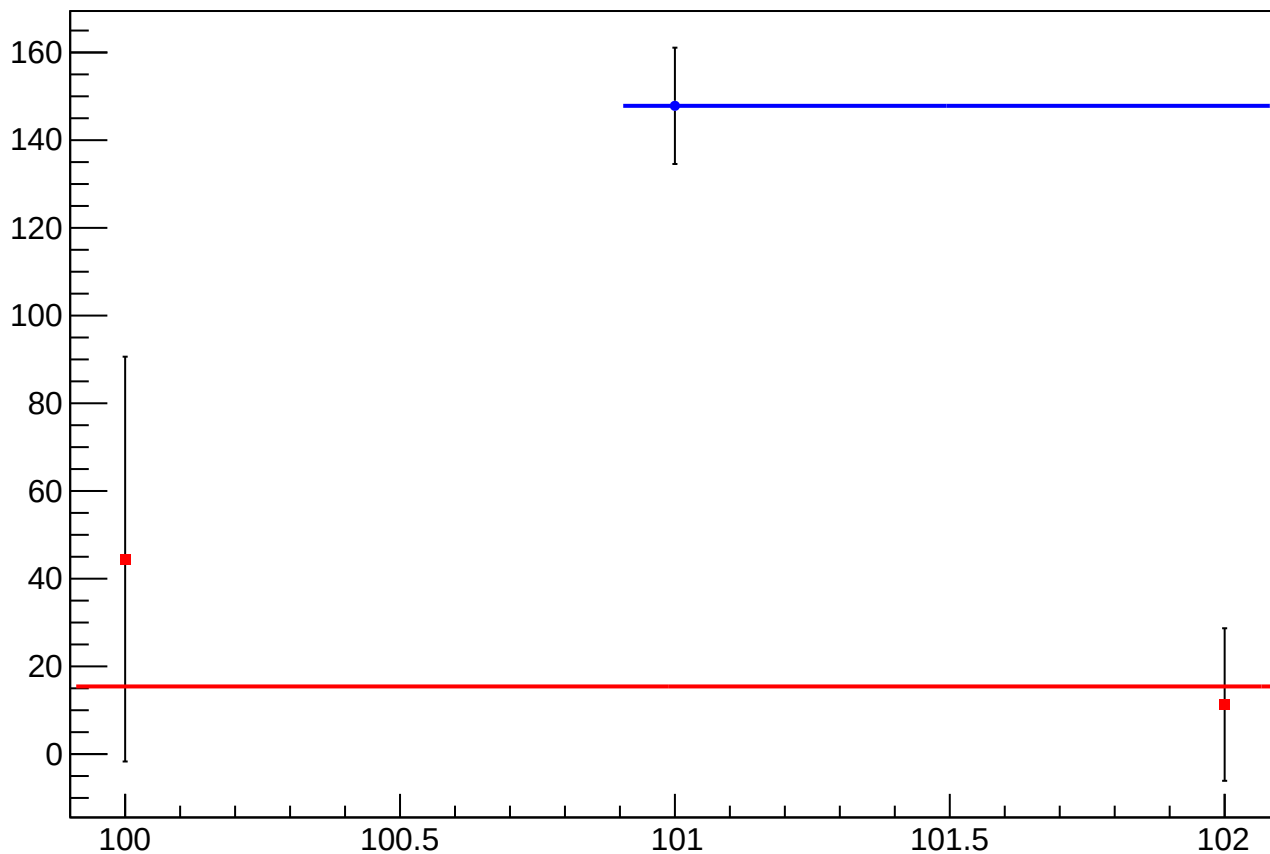
Right: 316.383+/-7.157 χ^2/NDF : 38.9/2

In: 343.228+/-9.960 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 316.383+/-7.157 χ^2/NDF : 38.9/2

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 147.831+/-13.263 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.426+/-16.276 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

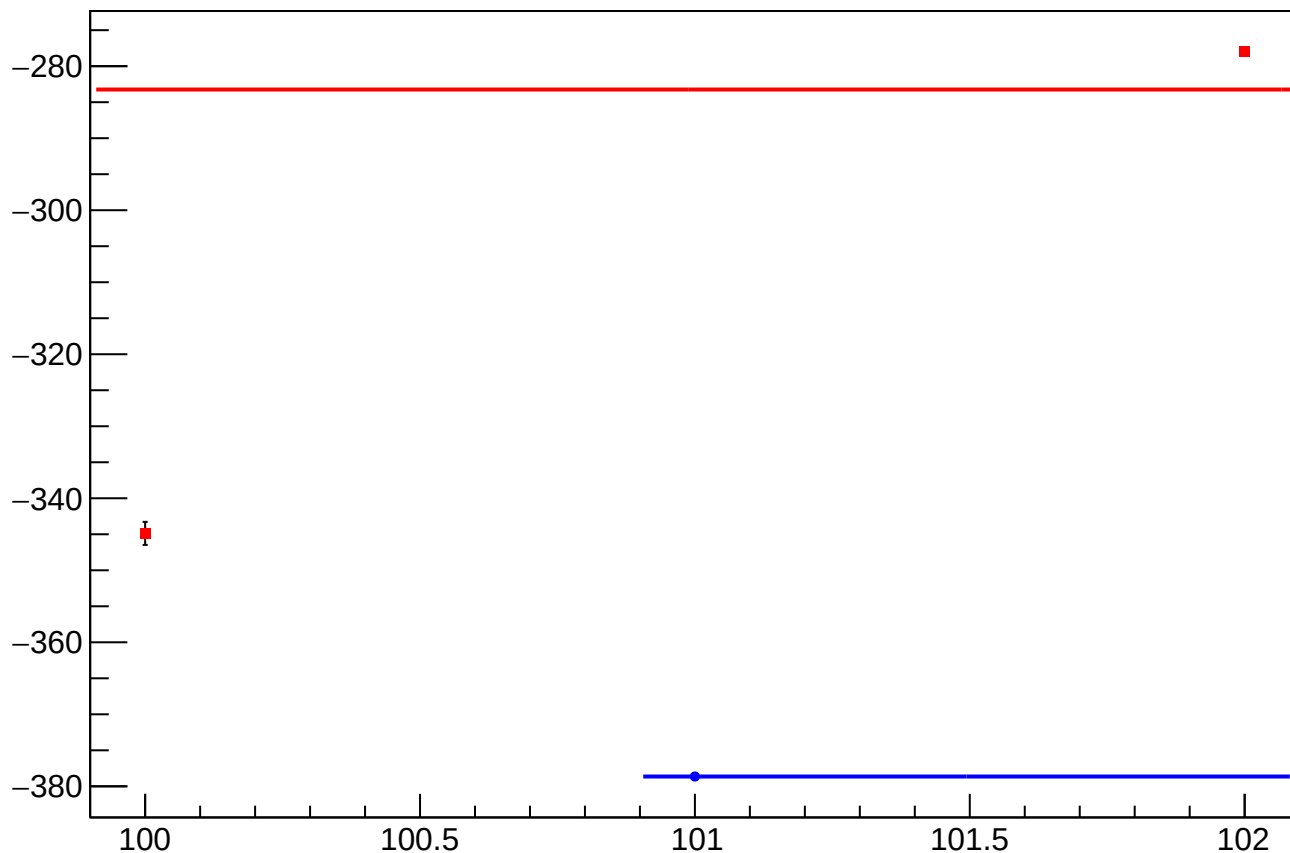
Right: 94.991+/-10.282 χ^2/NDF : 40.2/2

In: 147.831+/-13.263 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.991+/-10.282 χ^2/NDF : 40.2/2

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -378.639+/-0.595 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -283.240+/-0.452 χ^2/NDF : 1611.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

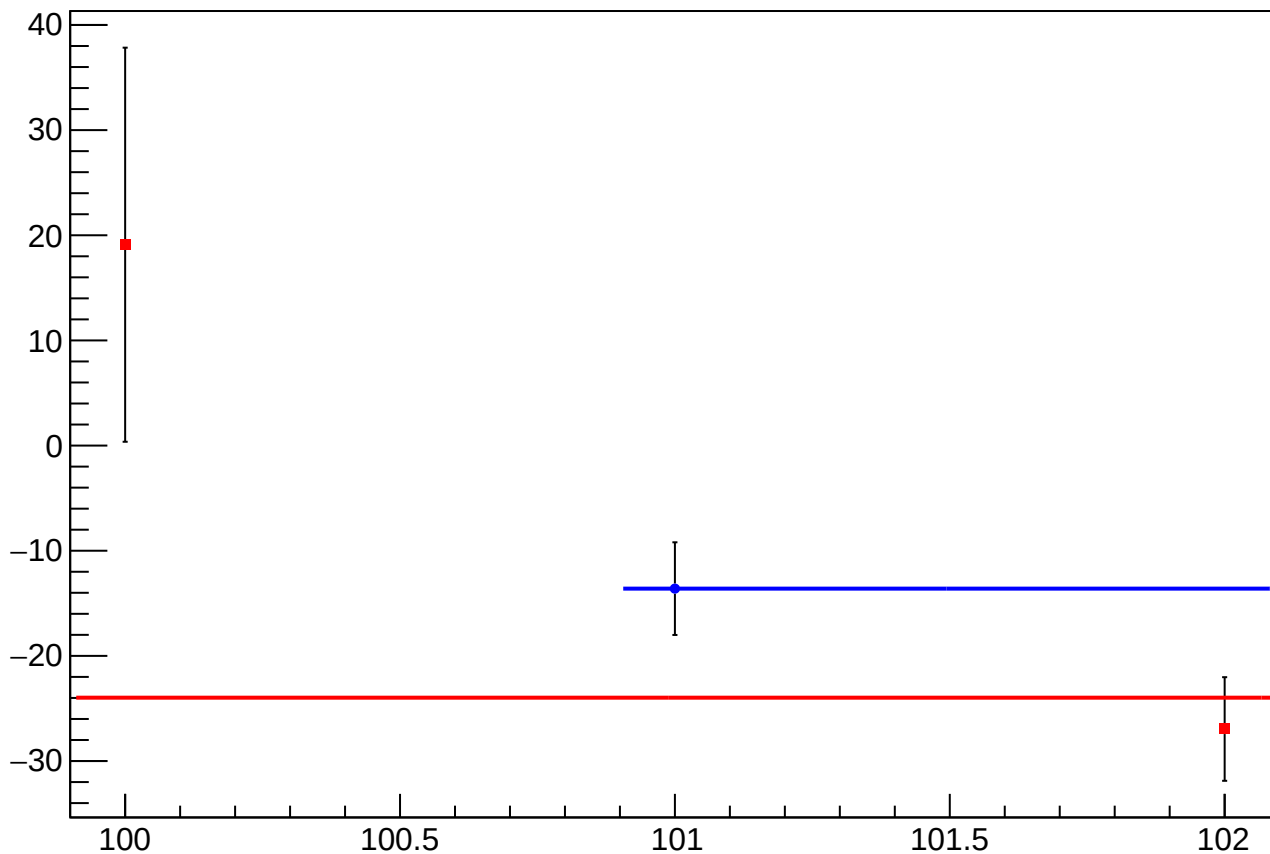
Right: -318.171+/-0.360 χ^2/NDF : 17927.8/2

In: -378.639+/-0.595 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -318.171+/-0.360 χ^2/NDF : 17927.8/2

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -13.604 $\pm$ 4.406 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -23.975 $\pm$ 4.765 χ^2 /NDF: 5.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

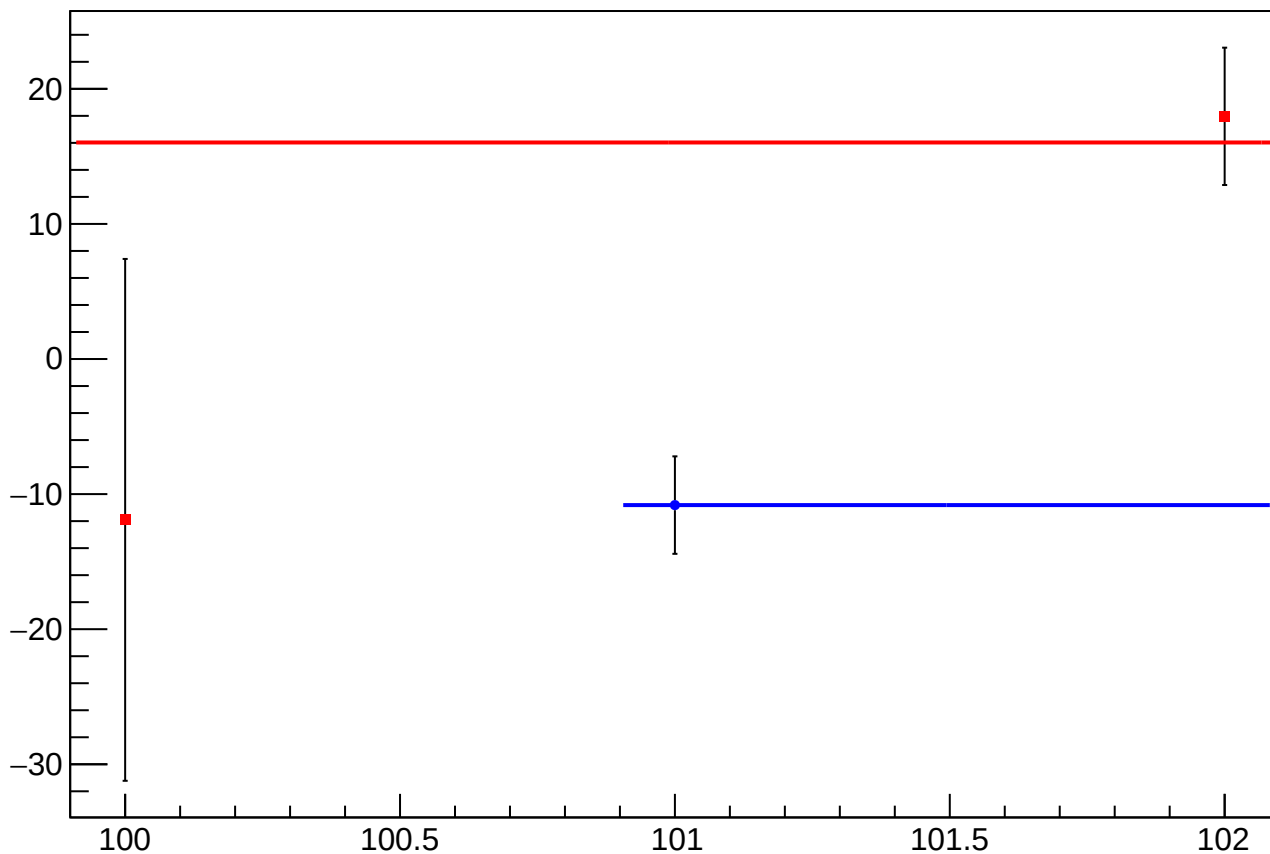
Right: -18.385 $\pm$ 3.235 χ^2 /NDF: 8.2/2

In: -13.604 $\pm$ 4.406 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -18.385 $\pm$ 3.235 χ^2 /NDF: 8.2/2

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -10.813 $\pm$ 3.608 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.030 $\pm$ 4.916 χ^2 /NDF: 2.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

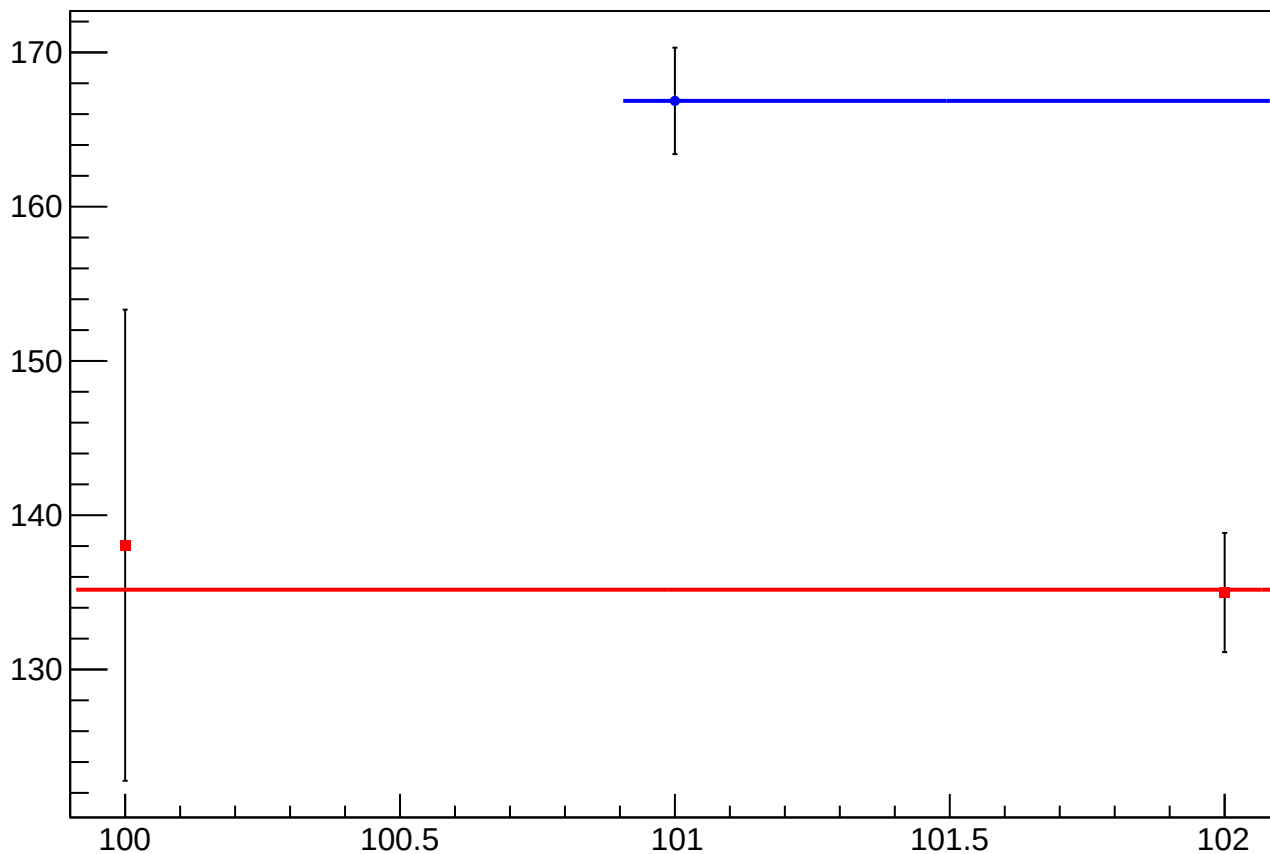
Right: -1.417 $\pm$ 2.909 χ^2 /NDF: 21.6/2

In: -10.813 $\pm$ 3.608 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.417 $\pm$ 2.909 χ^2 /NDF: 21.6/2

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 166.859+/-3.449 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.171+/-3.745 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

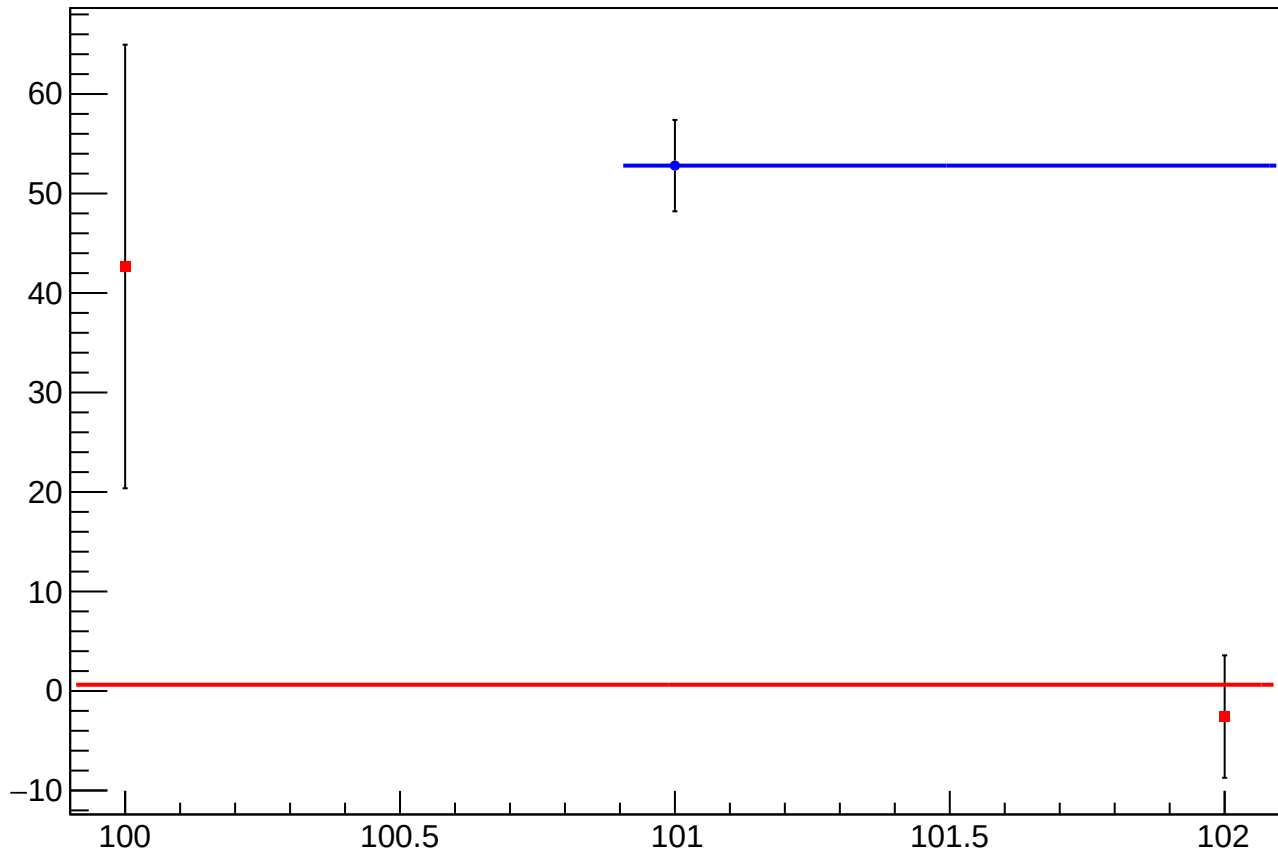
Right: 152.315+/-2.537 χ^2/NDF : 38.8/2

In: 166.859+/-3.449 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.315+/-2.537 χ^2/NDF : 38.8/2

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 52.804 $\pm$ 4.594 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.629 $\pm$ 5.931 χ^2 /NDF: 3.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

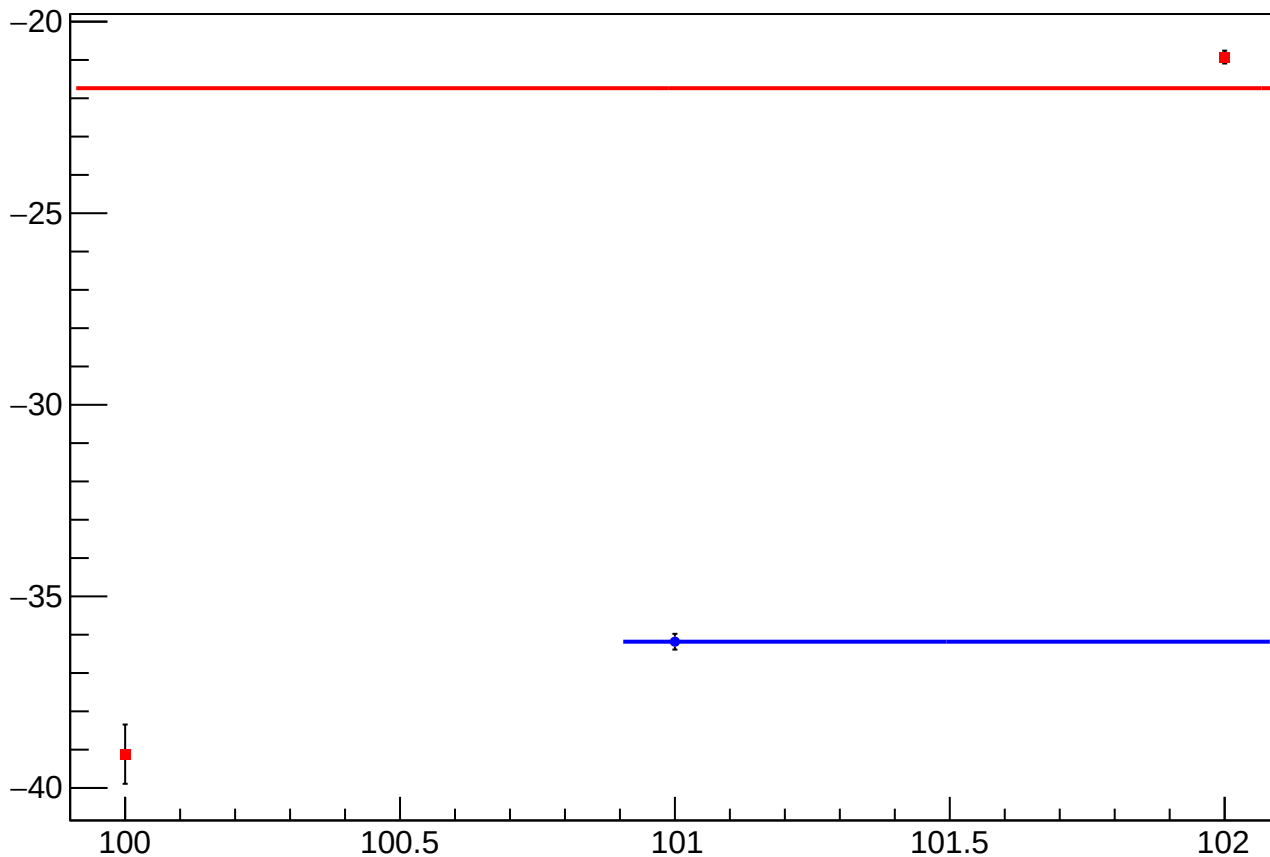
Right: 33.240 $\pm$ 3.632 χ^2 /NDF: 52.2/2

In: 52.804 $\pm$ 4.594 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 33.240 $\pm$ 3.632 χ^2 /NDF: 52.2/2

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -36.182 $\pm$ 0.206 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -21.737 $\pm$ 0.163 χ^2 /NDF: 528.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

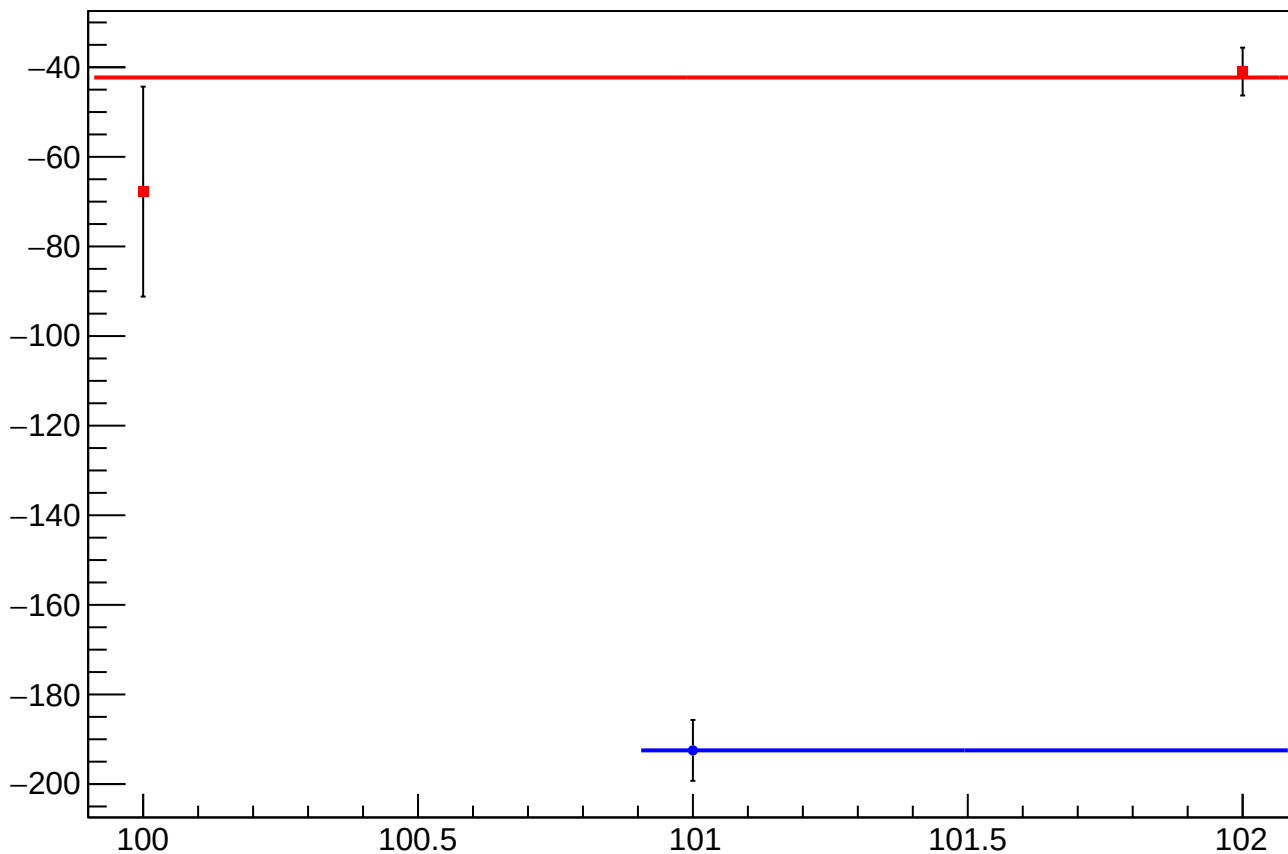
Right: -27.329 $\pm$ 0.128 χ^2 /NDF: 3553.2/2

In: -36.182 $\pm$ 0.206 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -27.329 $\pm$ 0.128 χ^2 /NDF: 3553.2/2

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -192.477+/-6.792 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -42.286+/-5.202 χ^2/NDF : 1.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

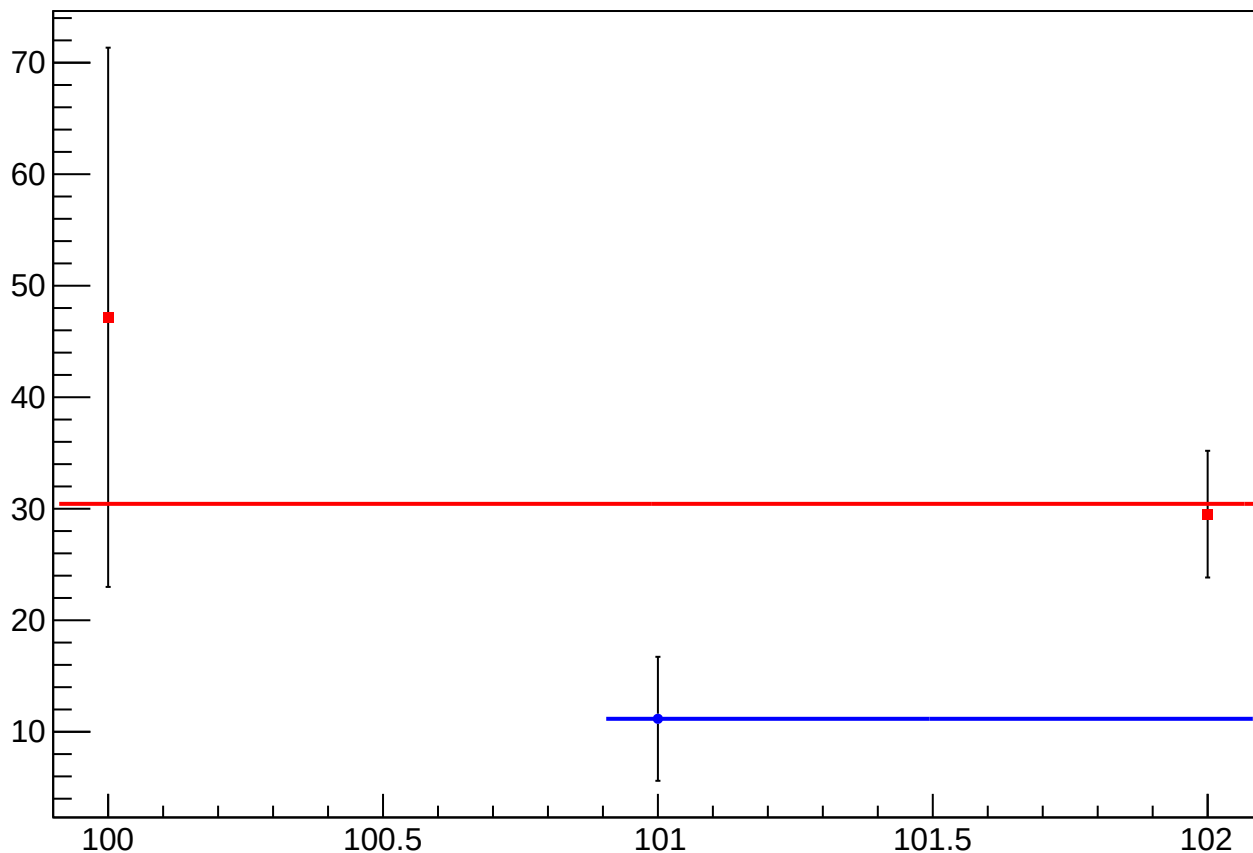
Right: -97.815+/-4.130 χ^2/NDF : 309.5/2

In: -192.477+/-6.792 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -97.815+/-4.130 χ^2/NDF : 309.5/2

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.164 $\pm$ 5.559 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 30.440 $\pm$ 5.531 χ^2 /NDF: 0.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

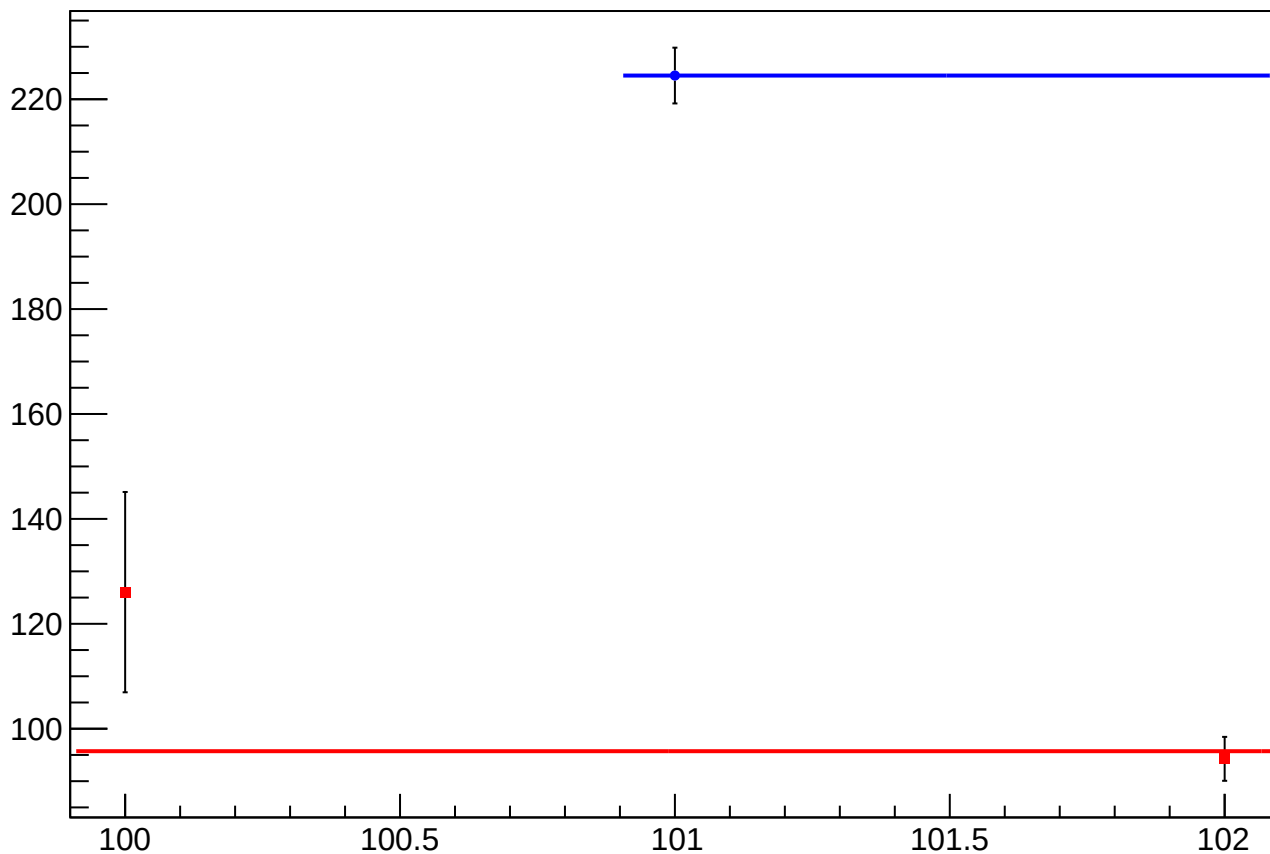
Right: 20.851 $\pm$ 3.921 χ^2 /NDF: 6.5/2

In: 11.164 $\pm$ 5.559 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.851 $\pm$ 3.921 χ^2 /NDF: 6.5/2

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 224.516 $\pm$ 5.315 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 95.717 $\pm$ 4.089 χ^2 /NDF: 2.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

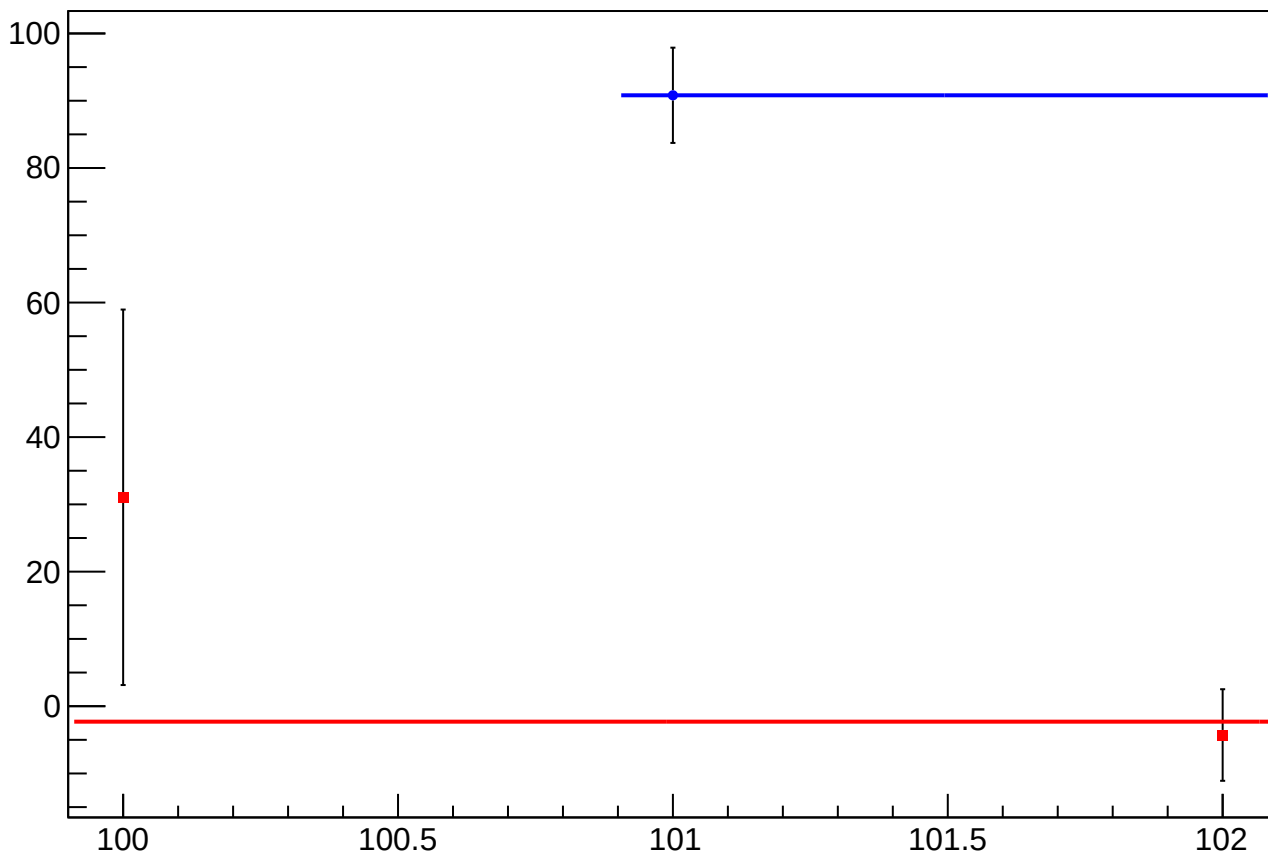
Right: 143.603 $\pm$ 3.241 χ^2 /NDF: 371.5/2

In: 224.516 $\pm$ 5.315 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 143.603 $\pm$ 3.241 χ^2 /NDF: 371.5/2

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 90.809+/-7.079 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.300+/-6.612 χ^2/NDF : 1.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

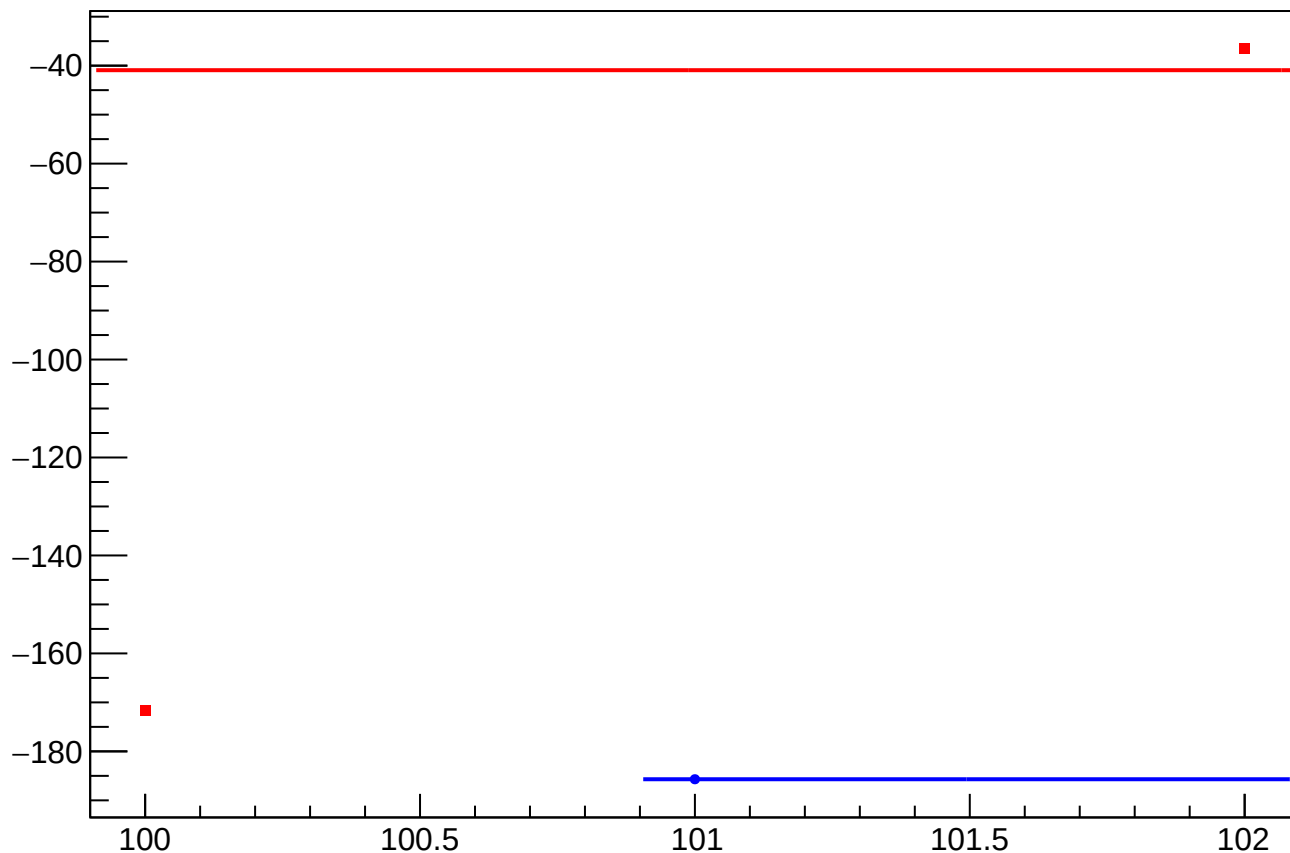
Right: 41.083+/-4.832 χ^2/NDF : 93.9/2

In: 90.809+/-7.079 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.083+/-4.832 χ^2/NDF : 93.9/2

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -185.691+/-0.317 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -40.925+/-0.175 χ^2/NDF : 18833.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

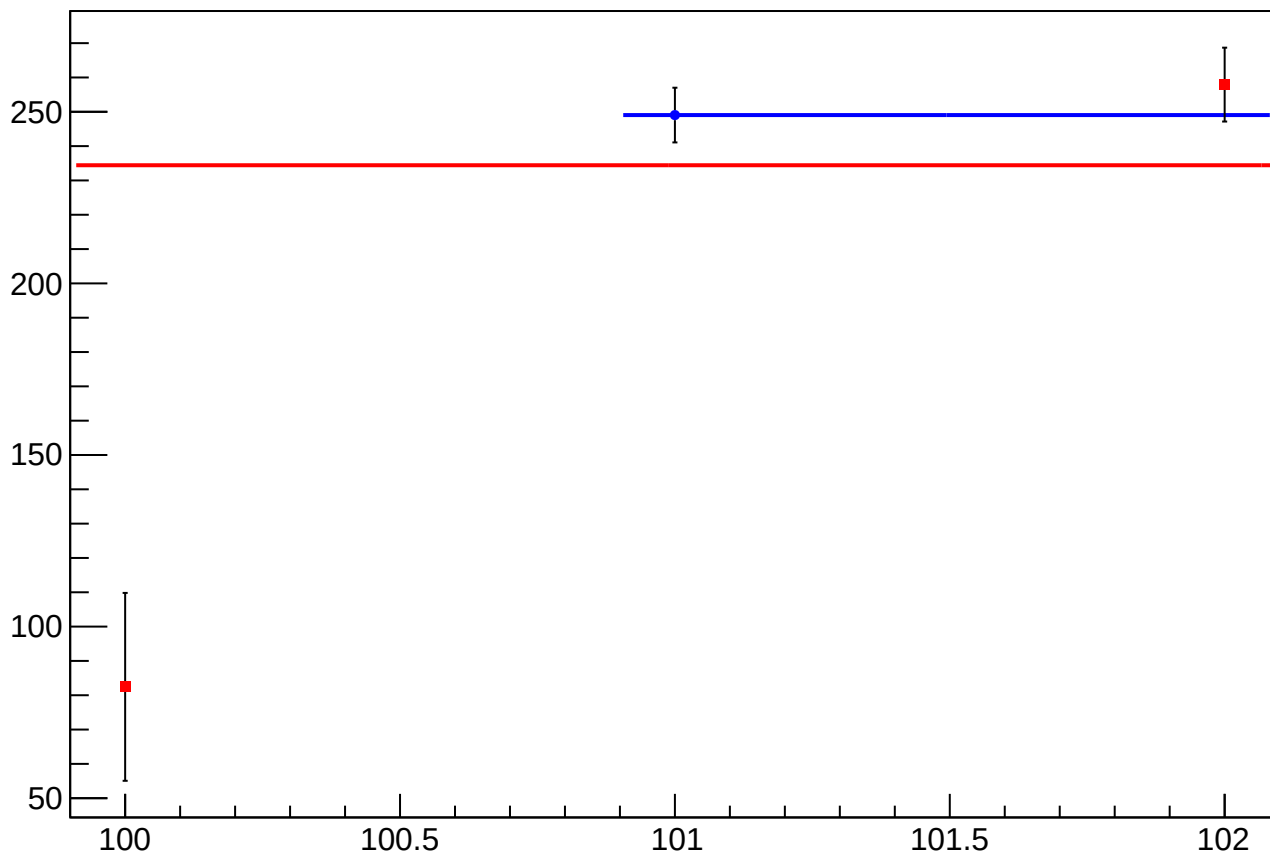
Right: -74.773+/-0.153 χ^2/NDF : 178624.4/2

In: -185.691+/-0.317 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -74.773+/-0.153 χ^2/NDF : 178624.4/2

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 249.046+/-7.969 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 234.427+/-10.016 χ^2/NDF : 35.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

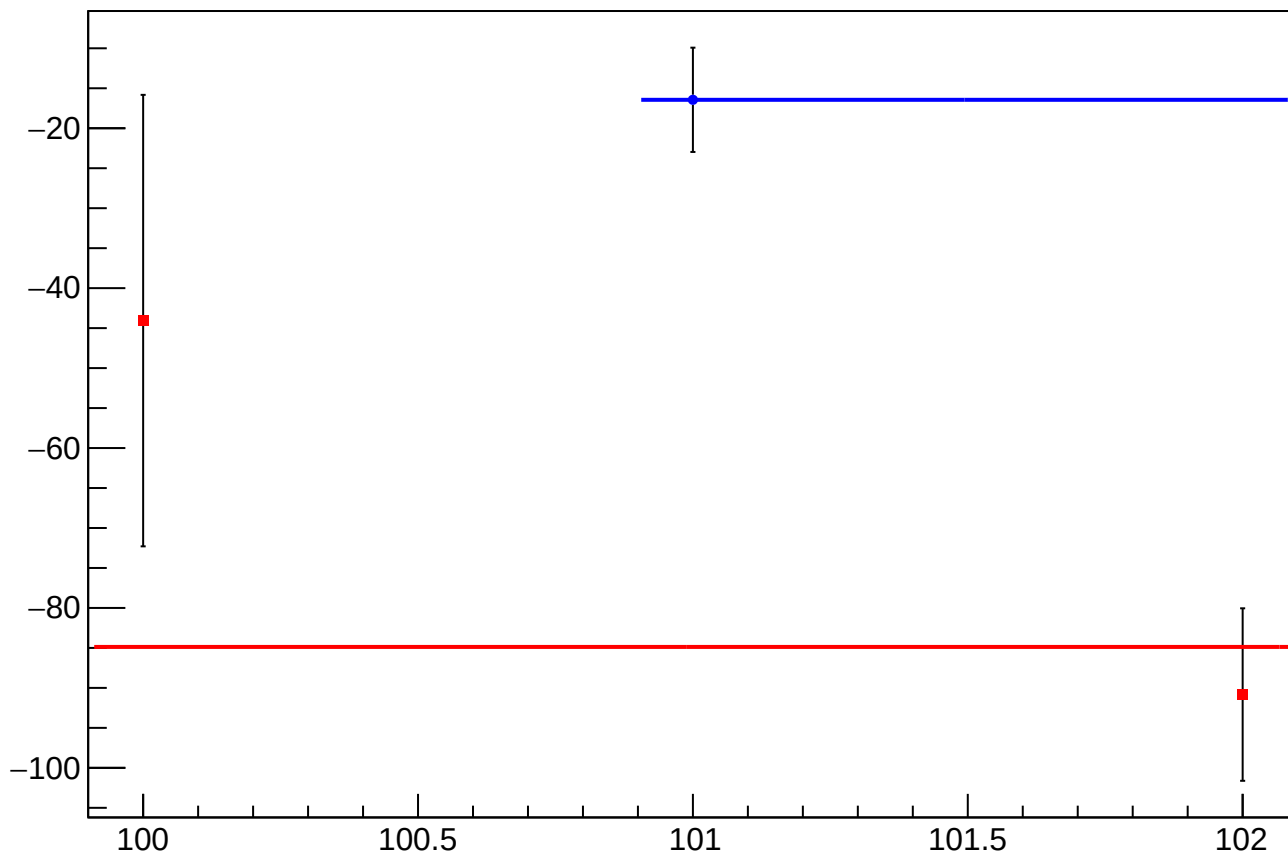
Right: 243.378+/-6.236 χ^2/NDF : 36.9/2

In: 249.046+/-7.969 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 243.378+/-6.236 χ^2/NDF : 36.9/2

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -16.444+/-6.522 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -84.876+/-10.077 χ^2/NDF : 2.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

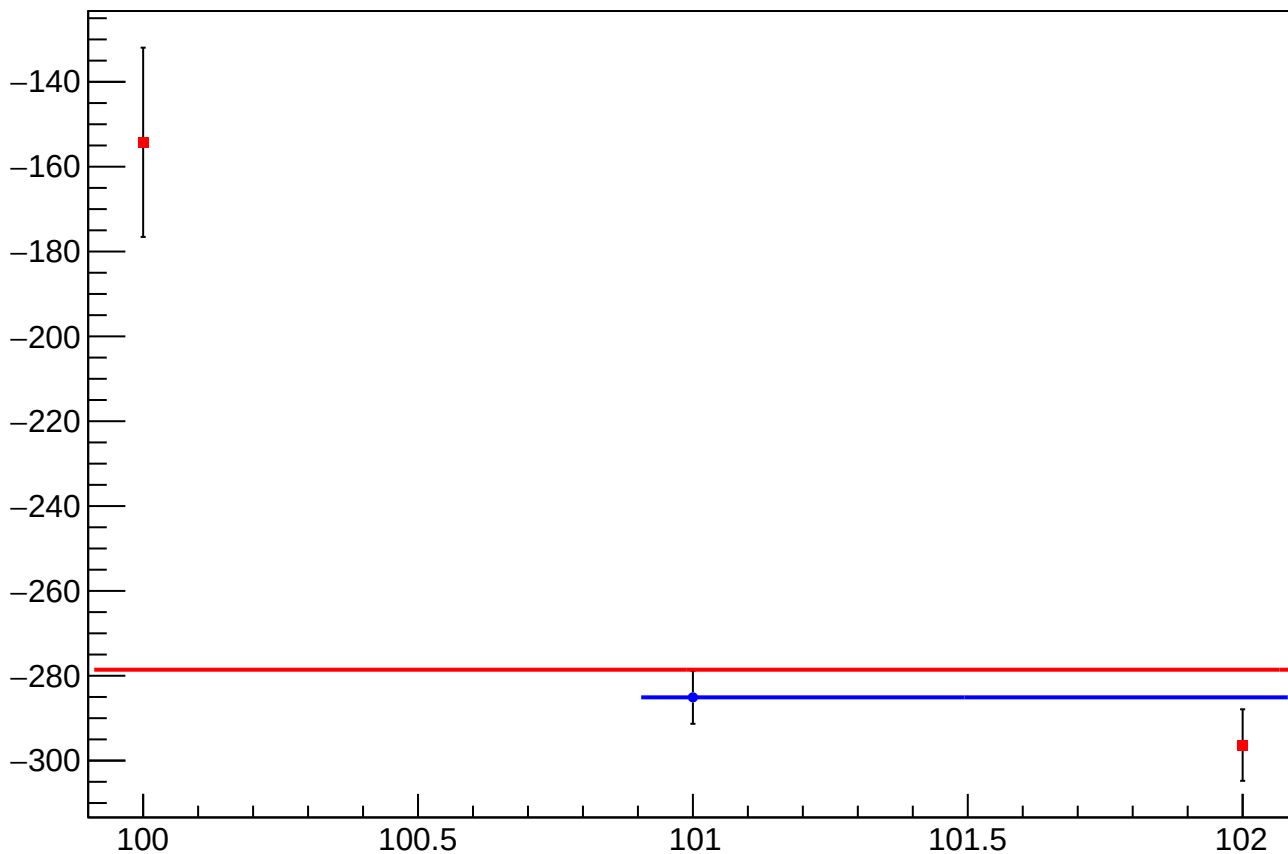
Right: -36.649+/-5.475 χ^2/NDF : 34.9/2

In: -16.444+/-6.522 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.649+/-5.475 χ^2/NDF : 34.9/2

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -285.089+/-6.237 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -278.576+/-7.885 χ^2/NDF : 35.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

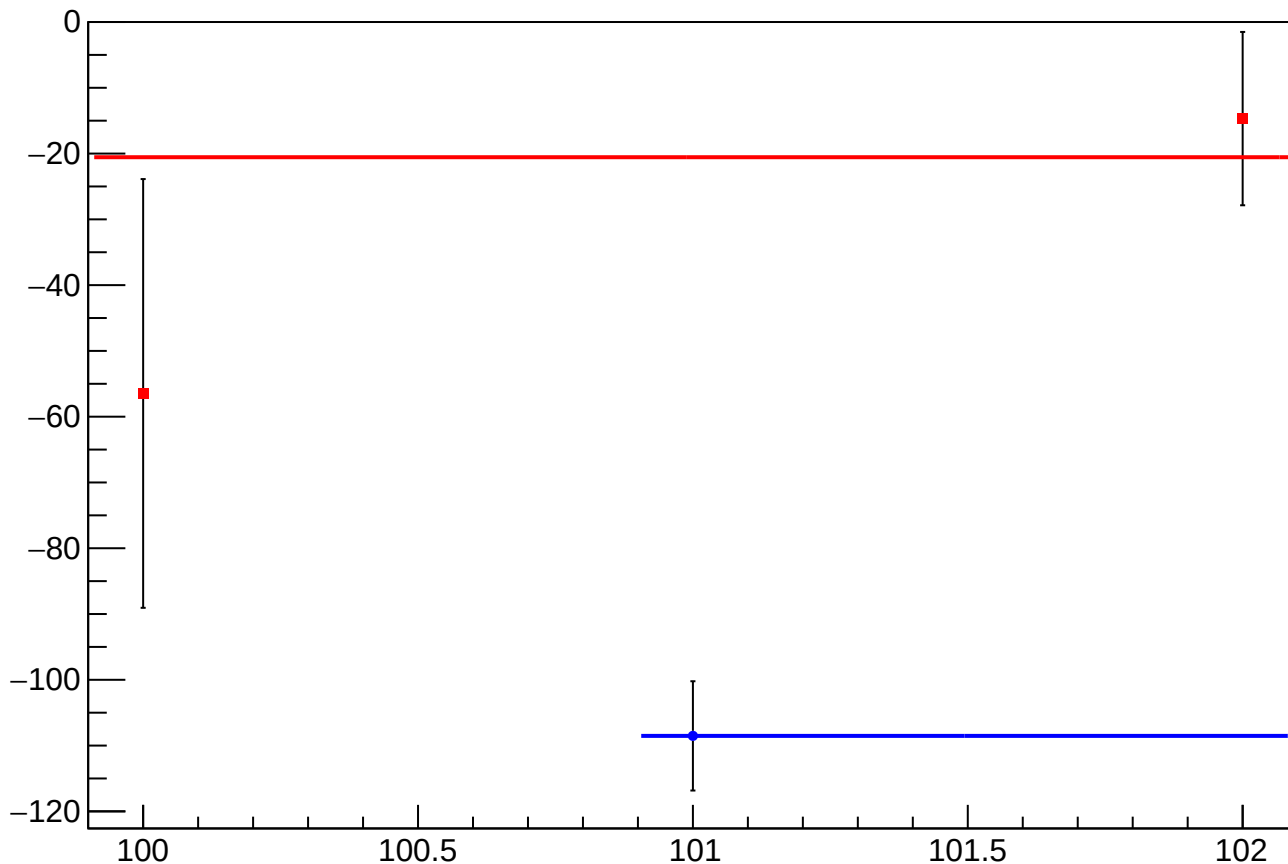
Right: -282.582+/-4.892 χ^2/NDF : 35.9/2

In: -285.089+/-6.237 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -282.582+/-4.892 χ^2/NDF : 35.9/2

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -108.526+/-8.307 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.554+/-12.215 χ^2/NDF : 1.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

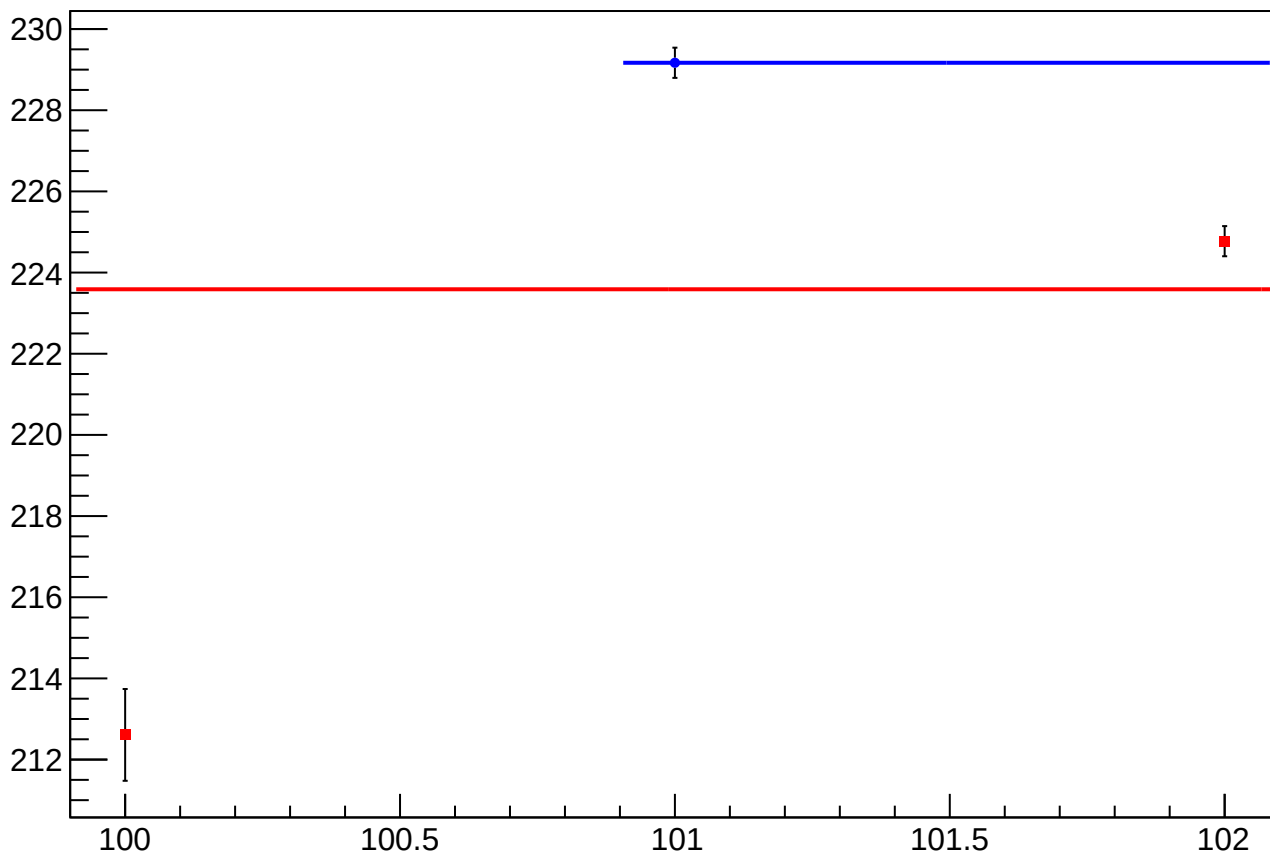
Right: -80.709+/-6.869 χ^2/NDF : 36.9/2

In: -108.526+/-8.307 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -80.709+/-6.869 χ^2/NDF : 36.9/2

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 229.169 $\pm$ 0.372 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 223.588 $\pm$ 0.353 χ^2 /NDF: 104.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

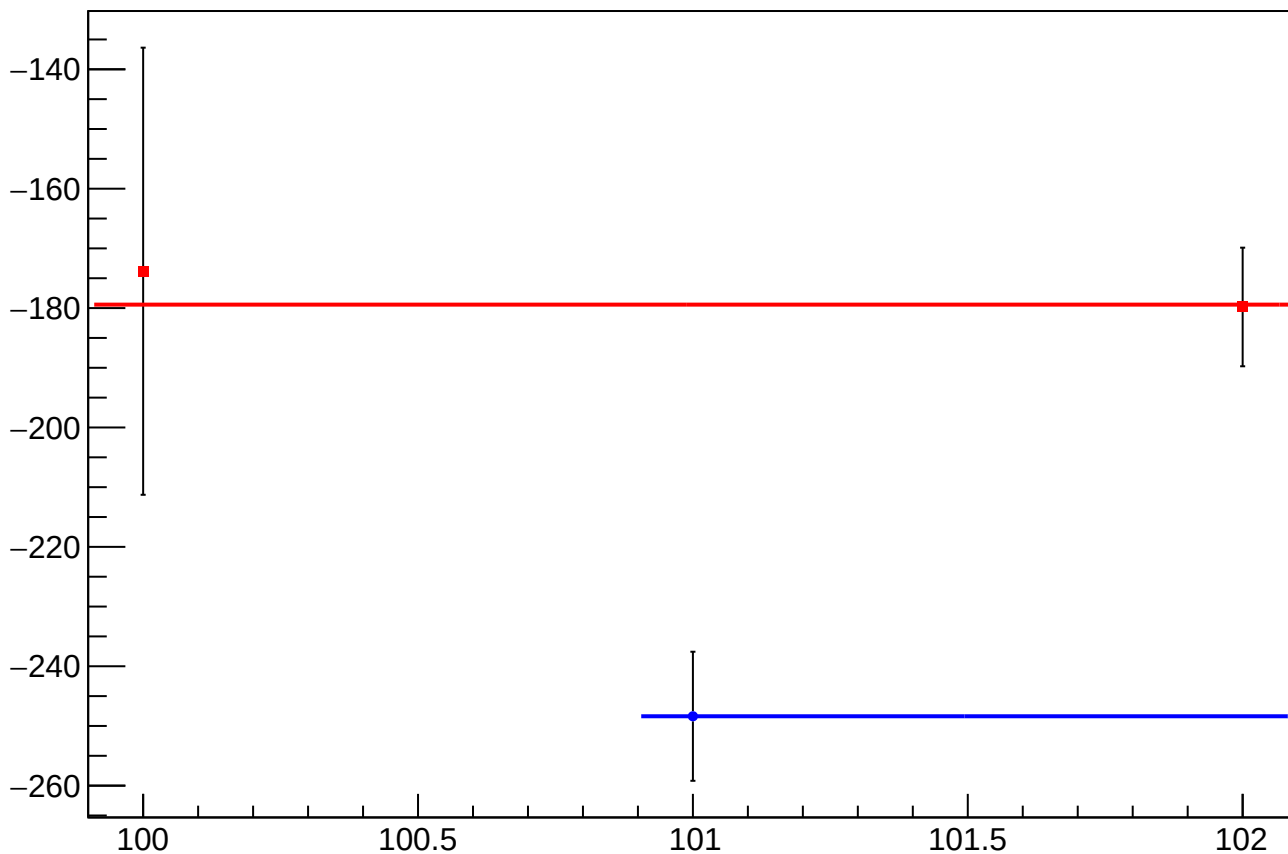
Right: 226.231 $\pm$ 0.256 χ^2 /NDF: 222.9/2

In: 229.169 $\pm$ 0.372 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 226.231 $\pm$ 0.256 χ^2 /NDF: 222.9/2

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -248.377 $\pm$ 10.811 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -179.420 $\pm$ 9.603 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

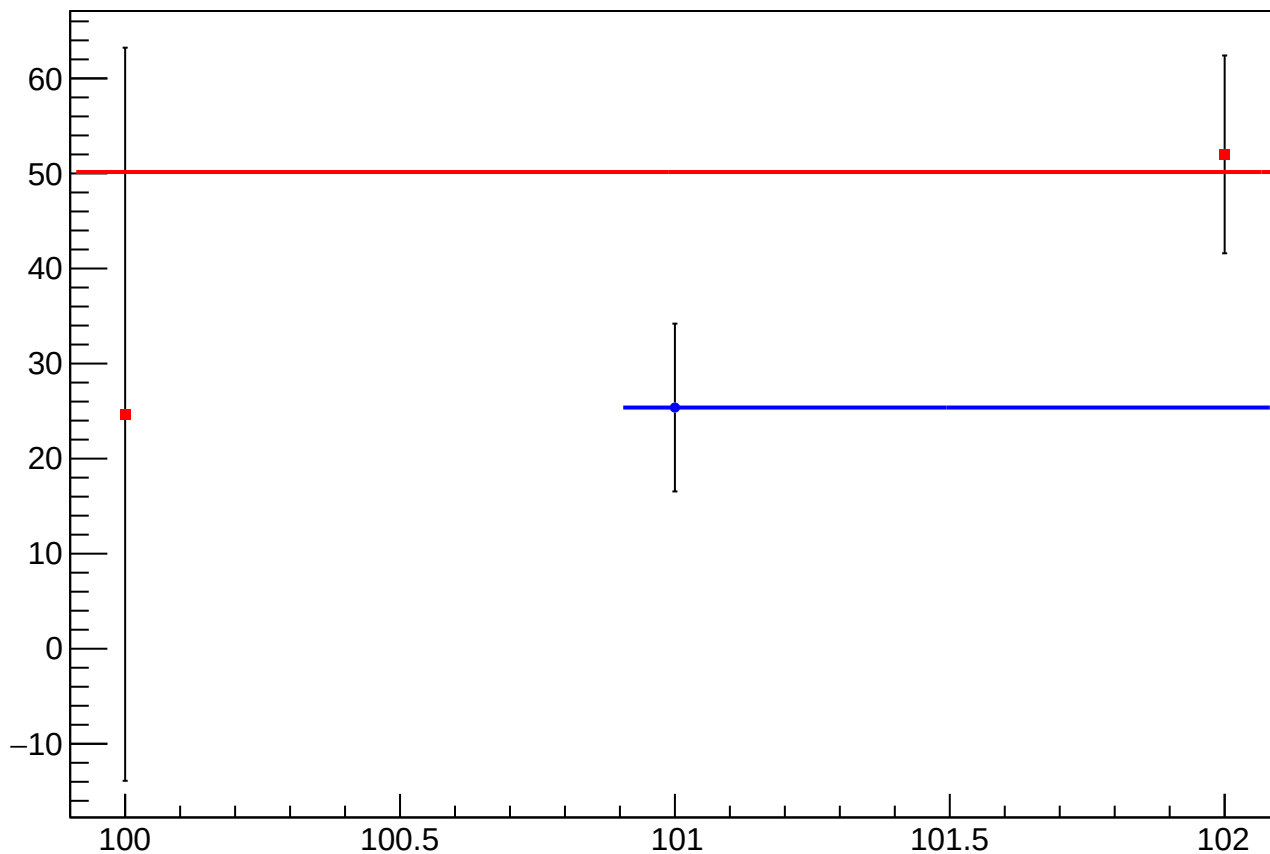
Right: -209.833 $\pm$ 7.179 χ^2 /NDF: 22.8/2

In: -248.377 $\pm$ 10.811 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -209.833 $\pm$ 7.179 χ^2 /NDF: 22.8/2

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 25.373+/-8.826 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.150+/-10.046 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

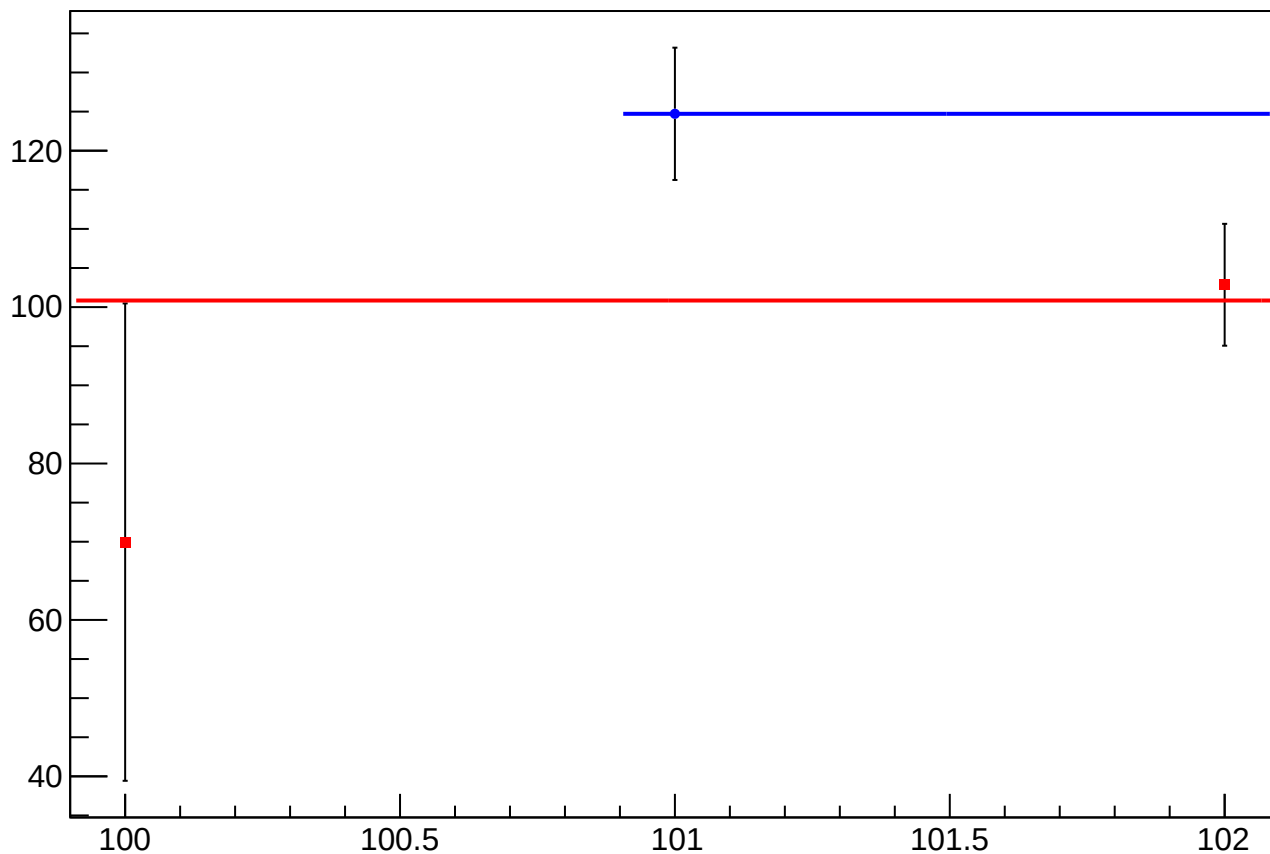
Right: 36.167+/-6.631 χ^2/NDF : 3.9/2

In: 25.373+/-8.826 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.167+/-6.631 χ^2/NDF : 3.9/2

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 124.715 $\pm$ 8.458 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 100.843 $\pm$ 7.549 χ^2 /NDF: 1.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

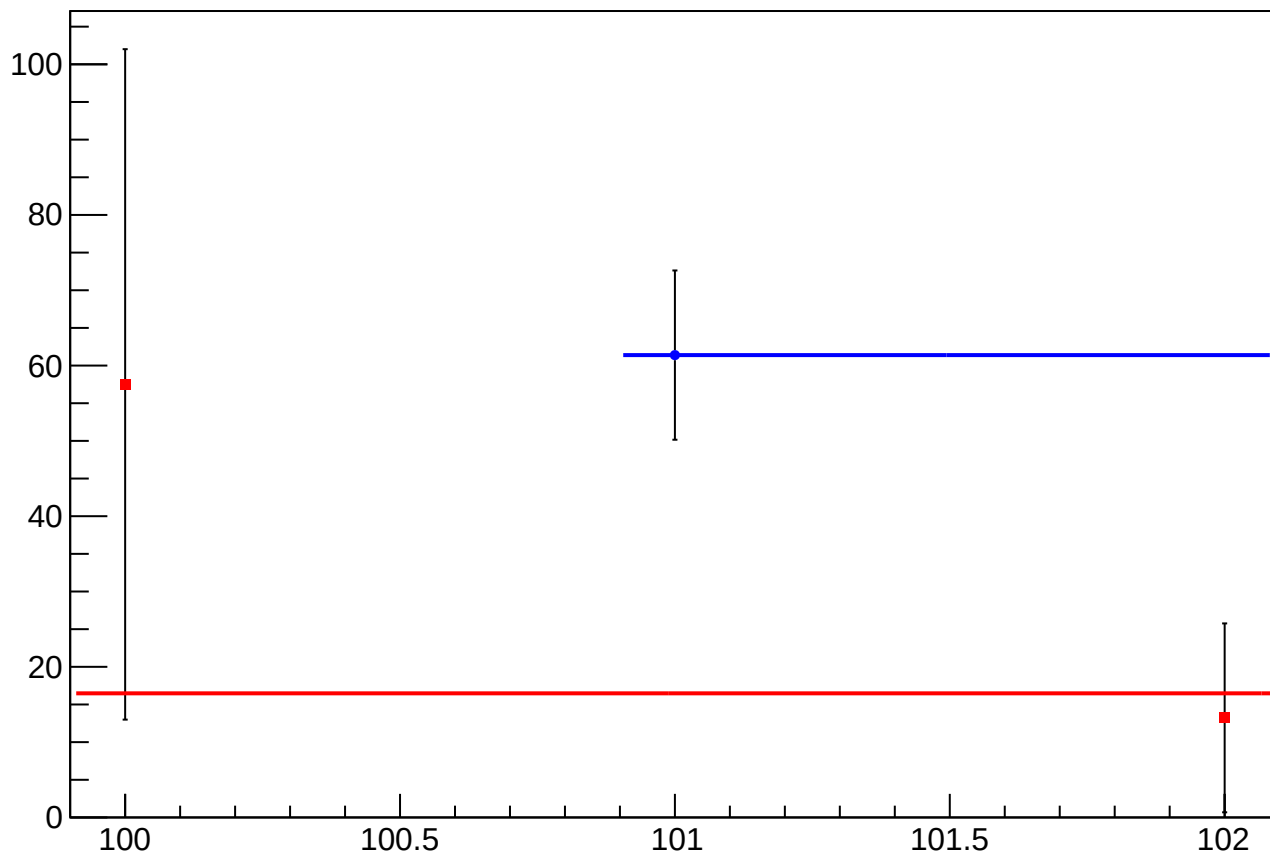
Right: 111.428 $\pm$ 5.632 χ^2 /NDF: 5.5/2

In: 124.715 $\pm$ 8.458 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 111.428 $\pm$ 5.632 χ^2 /NDF: 5.5/2

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 61.390+/-11.237 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.480+/-12.070 χ^2/NDF : 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

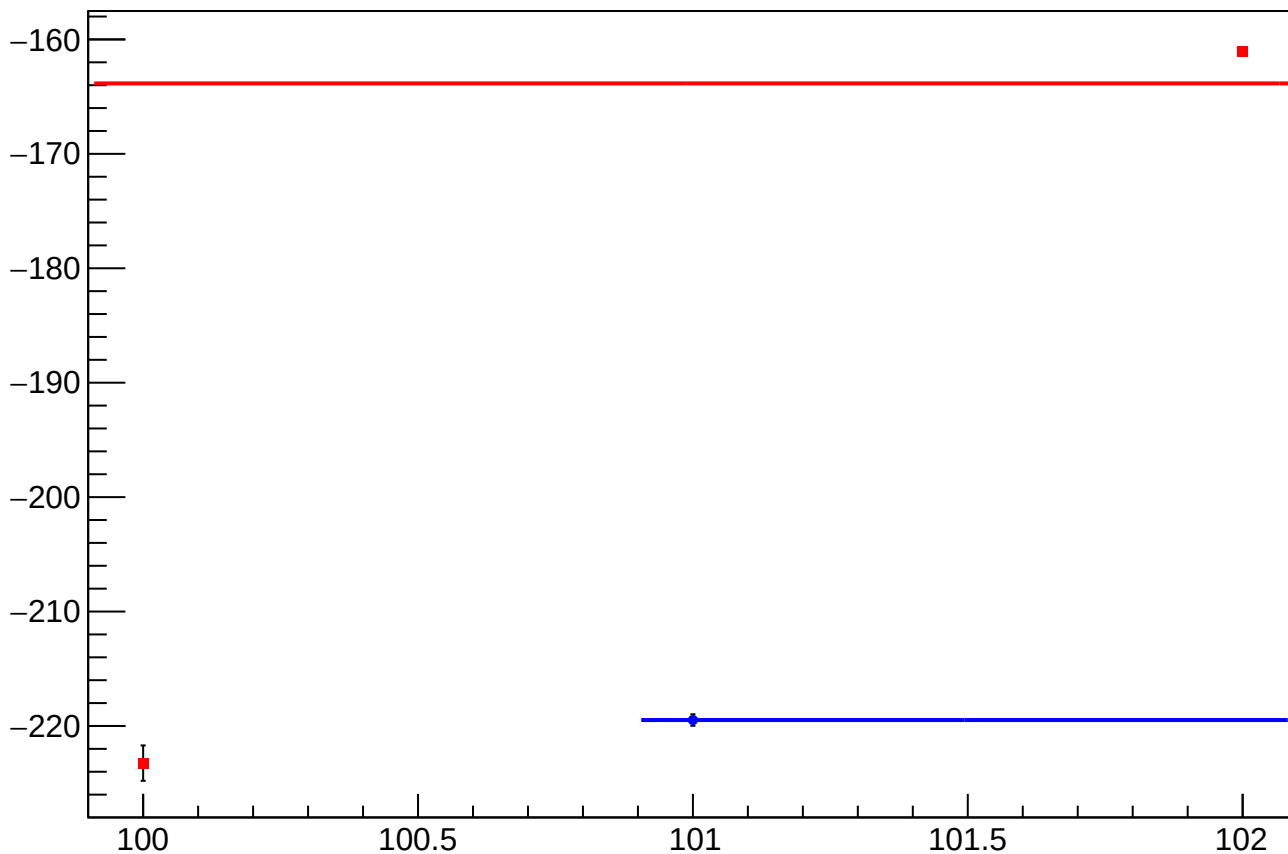
Right: 40.539+/-8.224 χ^2/NDF : 8.3/2

In: 61.390+/-11.237 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.539+/-8.224 χ^2/NDF : 8.3/2

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -219.481+/-0.503 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -163.845+/-0.327 χ^2 /NDF: 1545.7/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

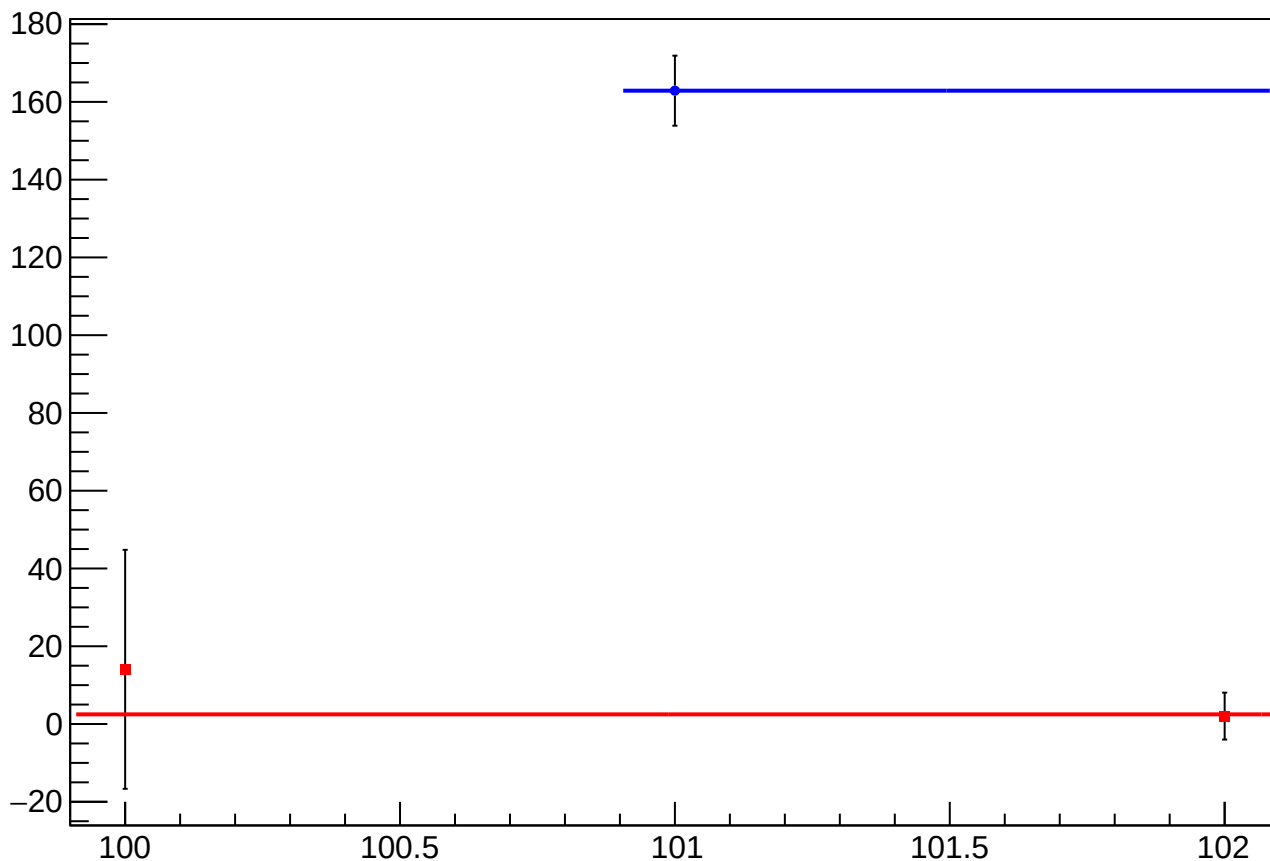
Right: -180.424+/-0.274 χ^2 /NDF: 10151.0/2

In: -219.481+/-0.503 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -180.424+/-0.274 χ^2 /NDF: 10151.0/2

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 162.881+/-9.006 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.482+/-5.919 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

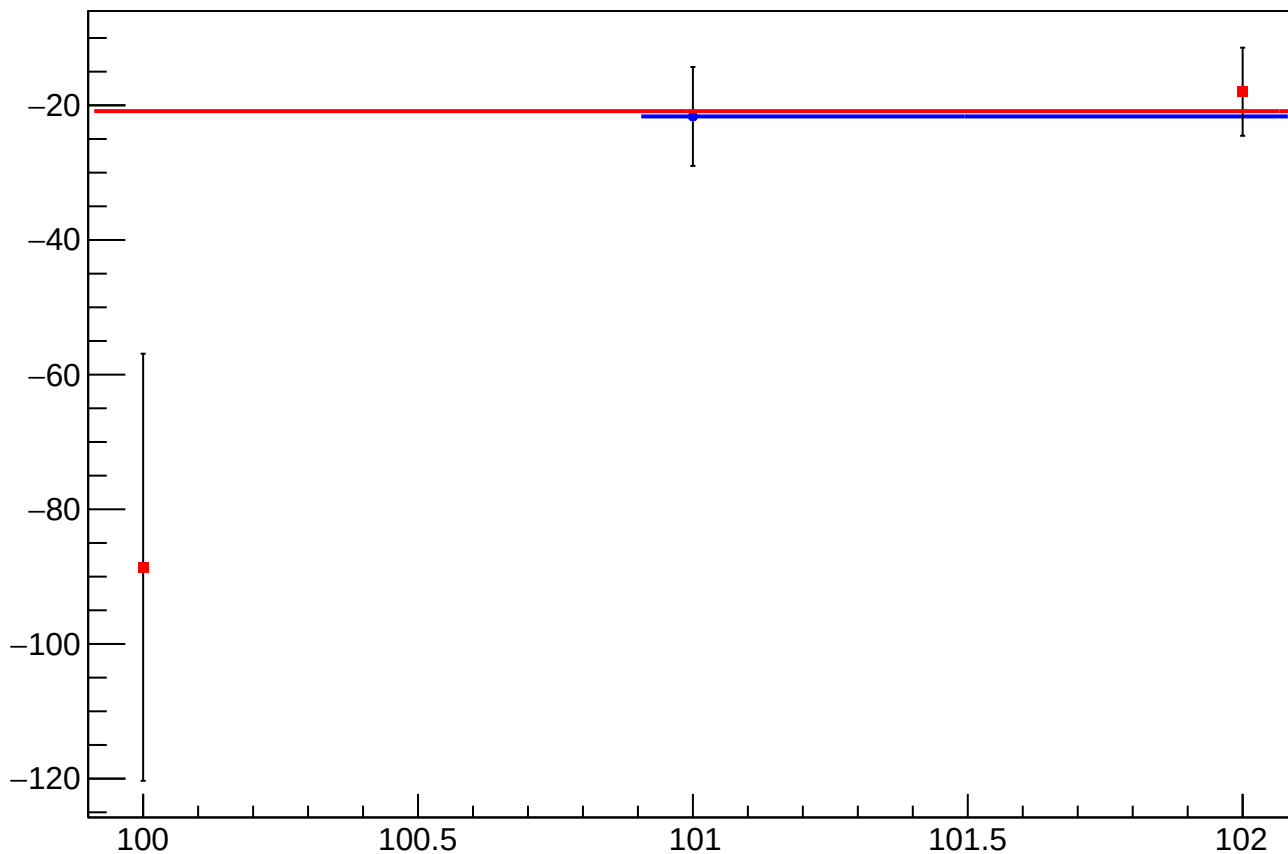
Right: 50.867+/-4.946 χ^2/NDF : 221.7/2

In: 162.881+/-9.006 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.867+/-4.946 χ^2/NDF : 221.7/2

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -21.654+/-7.348 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.864+/-6.407 χ^2/NDF : 4.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

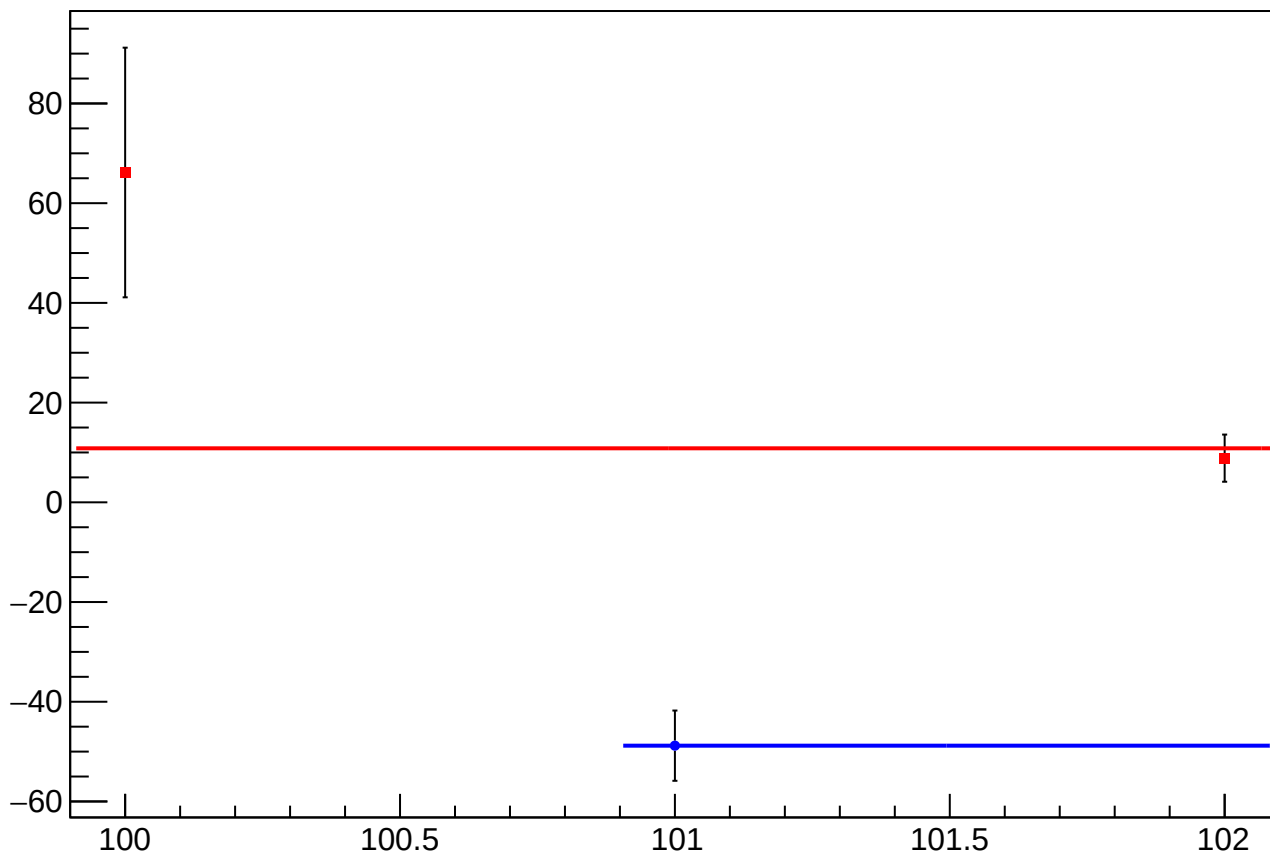
Right: -21.205+/-4.829 χ^2/NDF : 4.8/2

In: -21.654+/-7.348 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.205+/-4.829 χ^2/NDF : 4.8/2

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.811 $\pm$ 7.045 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.833 $\pm$ 4.648 χ^2 /NDF: 5.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

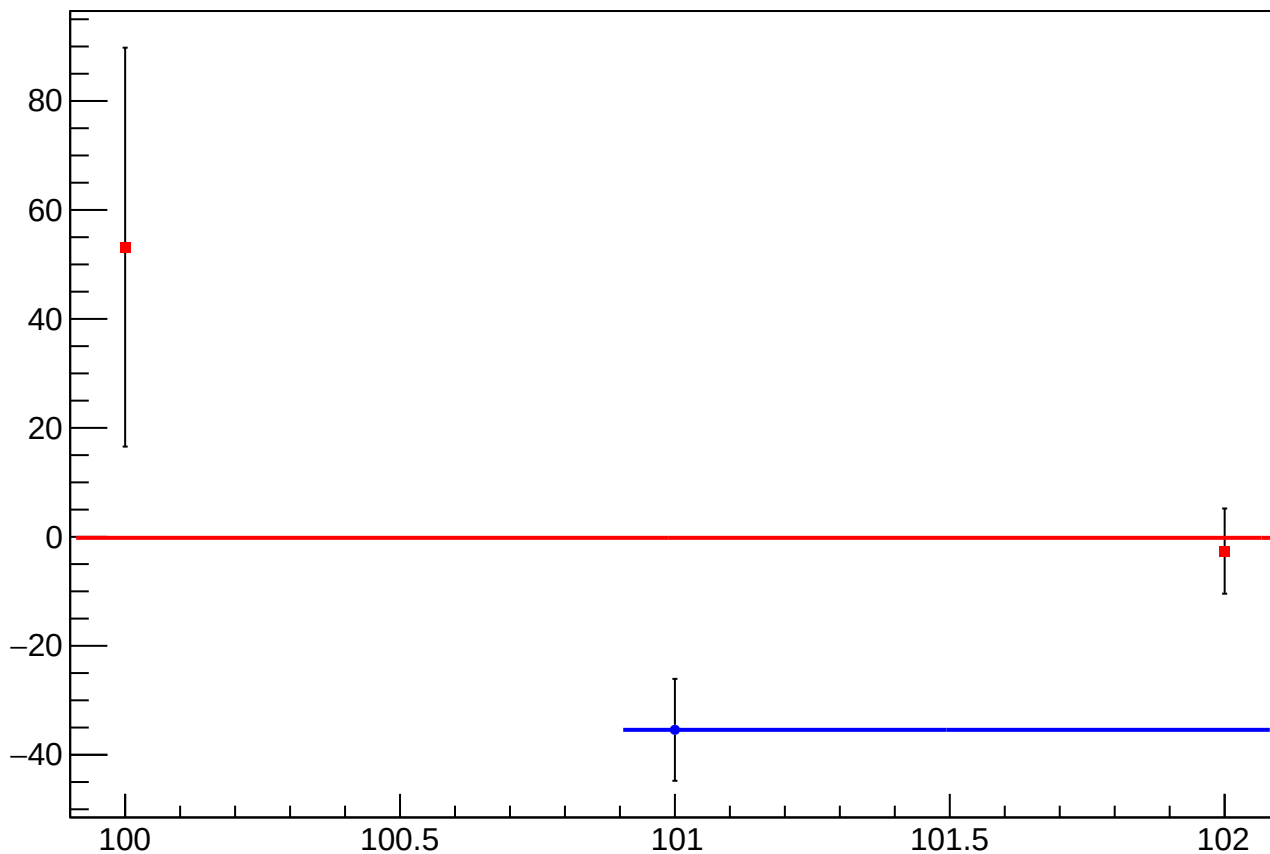
Right: -7.254 $\pm$ 3.880 χ^2 /NDF: 55.0/2

In: -48.811 $\pm$ 7.045 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -7.254 $\pm$ 3.880 χ^2 /NDF: 55.0/2

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -35.420+/-9.353 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.181+/-7.646 χ^2/NDF : 2.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

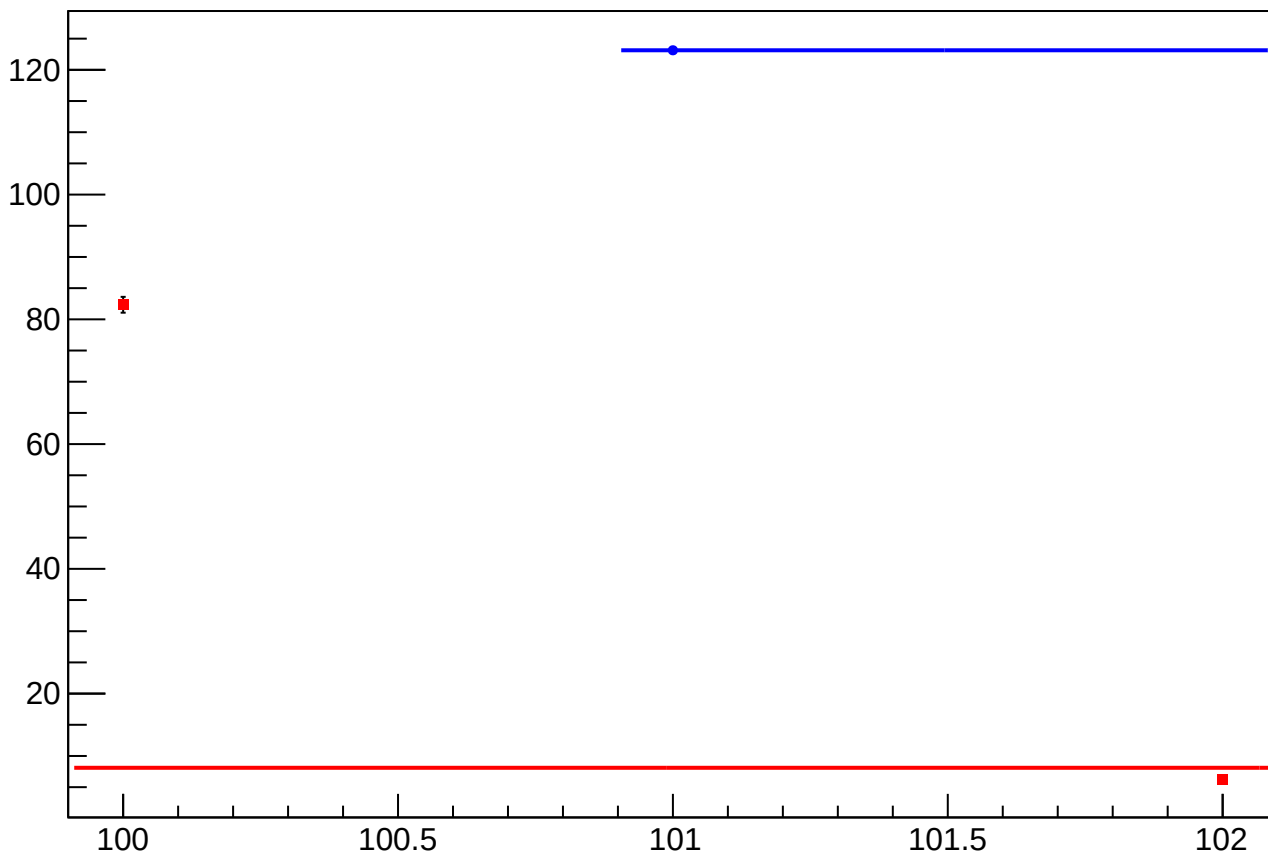
Right: -14.296+/-5.920 χ^2/NDF : 10.7/2

In: -35.420+/-9.353 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.296+/-5.920 χ^2/NDF : 10.7/2

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 123.136 $\pm$ 0.418 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.106 $\pm$ 0.200 χ^2 /NDF: 3508.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

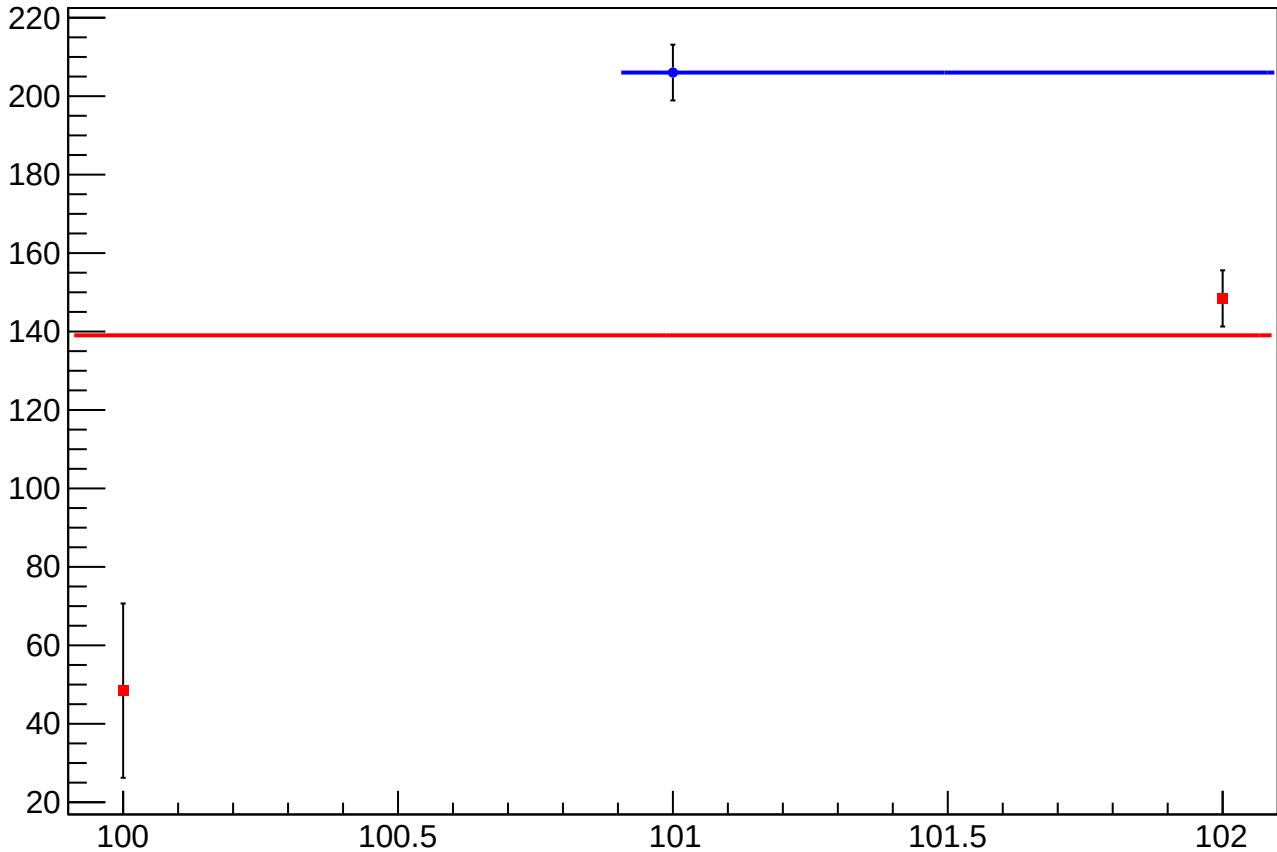
Right: 29.480 $\pm$ 0.180 χ^2 /NDF: 65218.3/2

In: 123.136 $\pm$ 0.418 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 29.480 $\pm$ 0.180 χ^2 /NDF: 65218.3/2

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 206.021+/-7.109 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.032+/-6.816 χ^2/NDF : 18.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

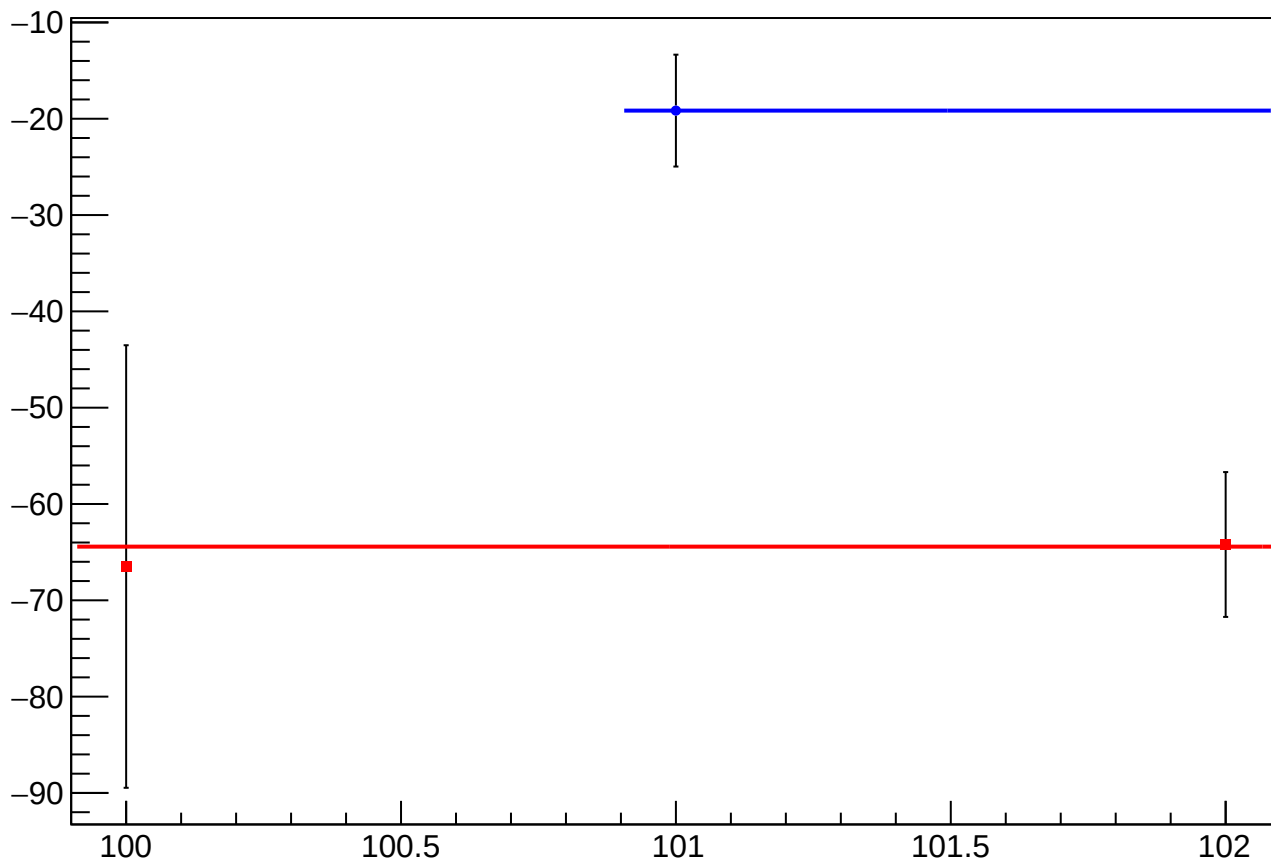
Right: 171.117+/-4.920 χ^2/NDF : 64.6/2

In: 206.021+/-7.109 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.117+/-4.920 χ^2/NDF : 64.6/2

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -19.156+/-5.808 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -64.426+/-7.146 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

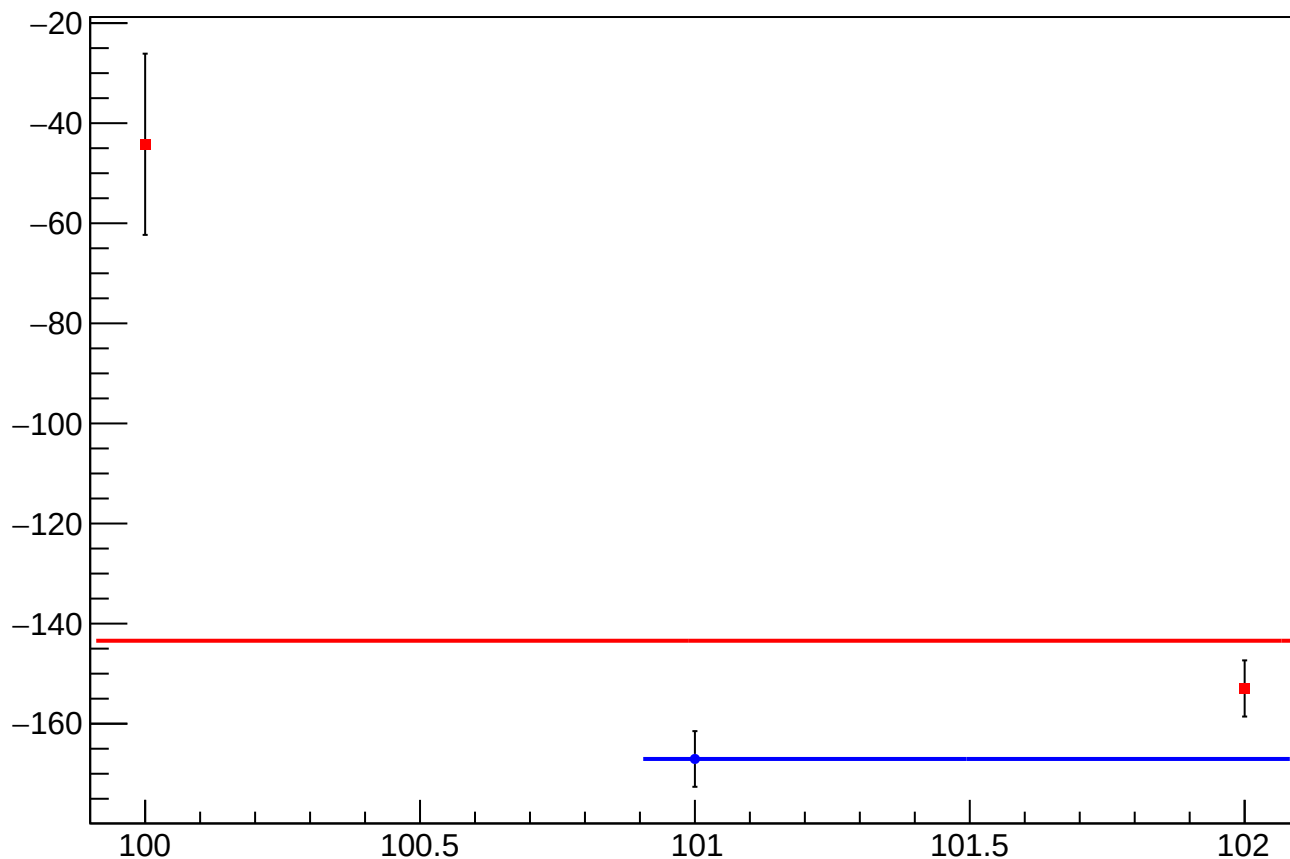
Right: -37.163+/-4.507 χ^2/NDF : 24.2/2

In: -19.156+/-5.808 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.163+/-4.507 χ^2/NDF : 24.2/2

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -167.046+/-5.563 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -143.423+/-5.362 χ^2/NDF : 32.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

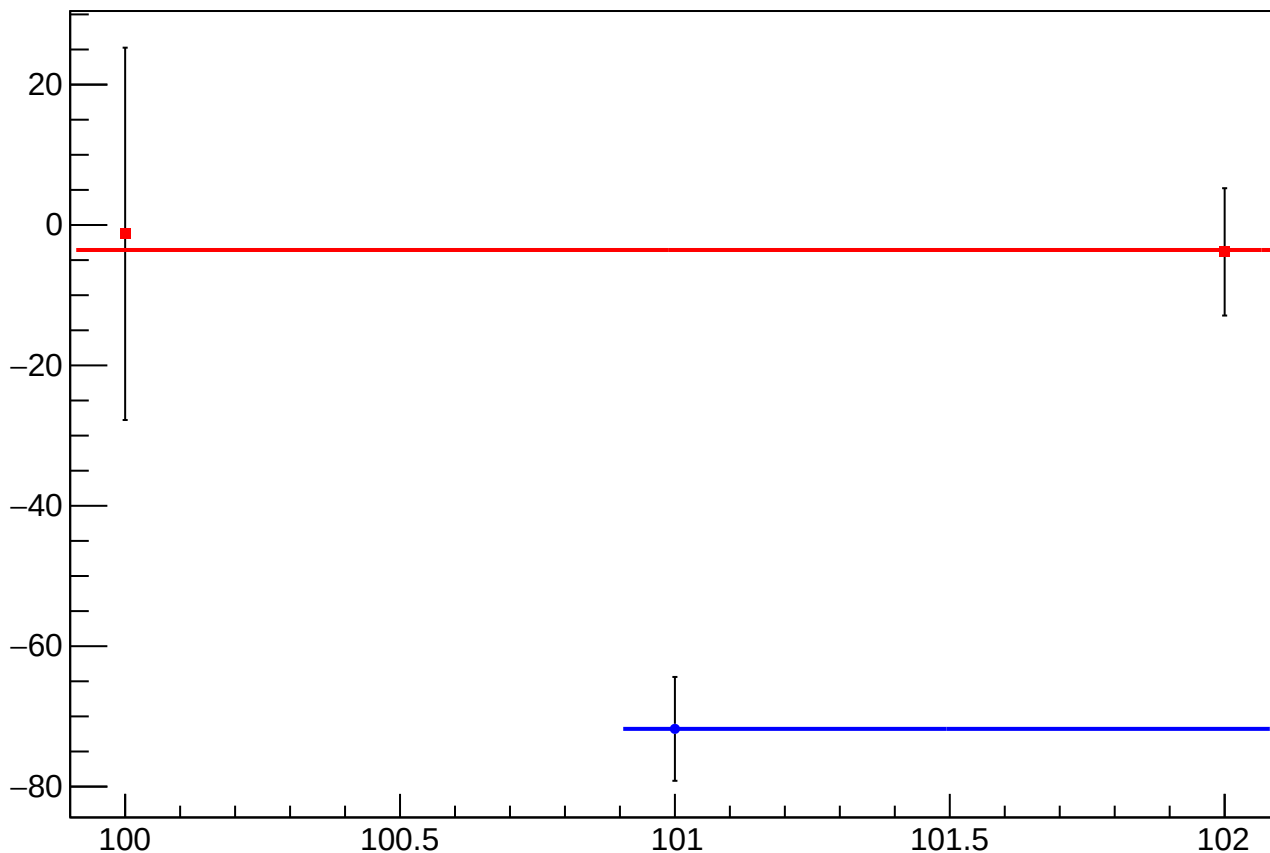
Right: -154.799+/-3.860 χ^2/NDF : 42.3/2

In: -167.046+/-5.563 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -154.799+/-3.860 χ^2/NDF : 42.3/2

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -71.777 $\pm$ 7.397 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.559 $\pm$ 8.582 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

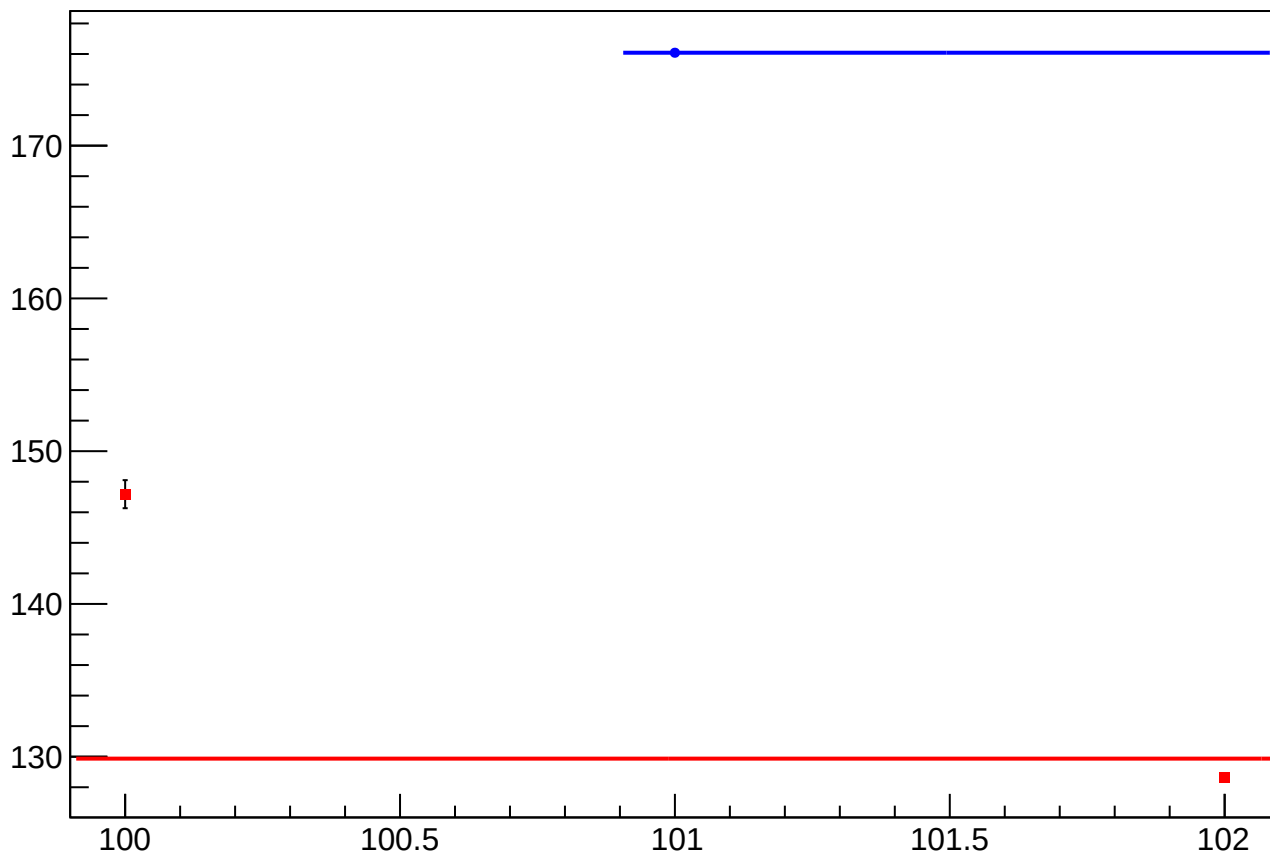
Right: -42.700 $\pm$ 5.603 χ^2 /NDF: 36.3/2

In: -71.777 $\pm$ 7.397 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -42.700 $\pm$ 5.603 χ^2 /NDF: 36.3/2

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 176.083 $\pm$ 0.331 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 129.874 $\pm$ 0.235 χ^2 /NDF: 380.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

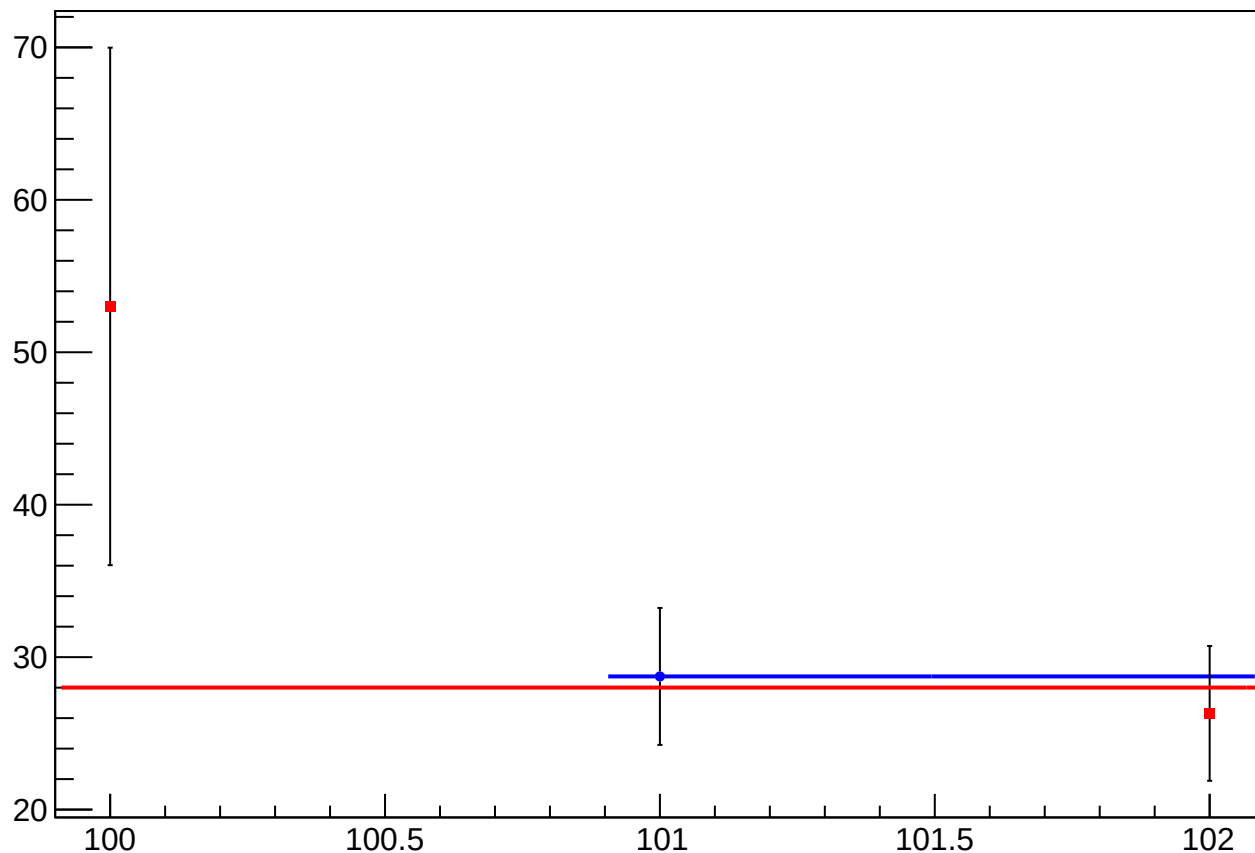
Right: 145.327 $\pm$ 0.191 χ^2 /NDF: 13348.3/2

In: 176.083 $\pm$ 0.331 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 145.327 $\pm$ 0.191 χ^2 /NDF: 13348.3/2

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 28.736+/-4.492 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.005+/-4.277 χ^2/NDF : 2.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

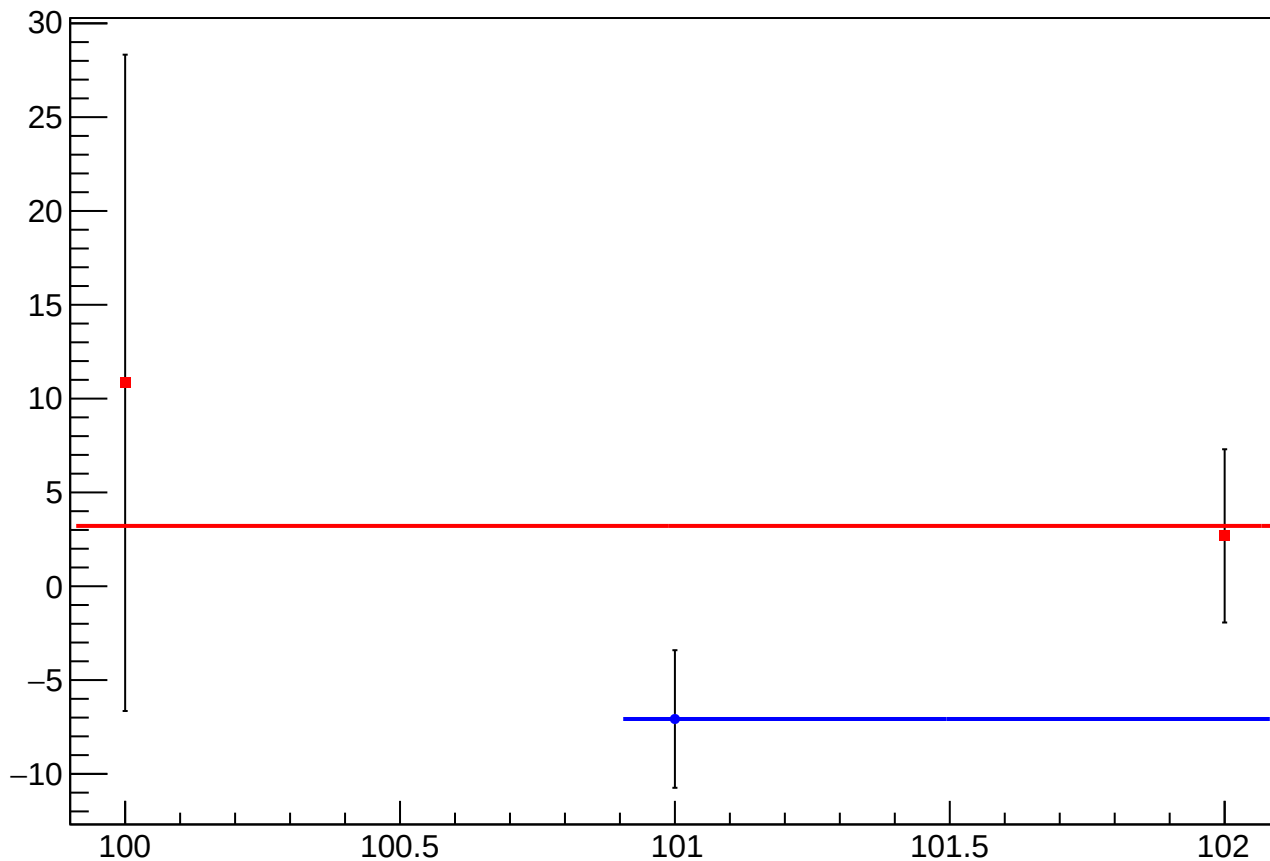
Right: 28.352+/-3.098 χ^2/NDF : 2.3/2

In: 28.736+/-4.492 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.352+/-3.098 χ^2/NDF : 2.3/2

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.075+/-3.667 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.215+/-4.464 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

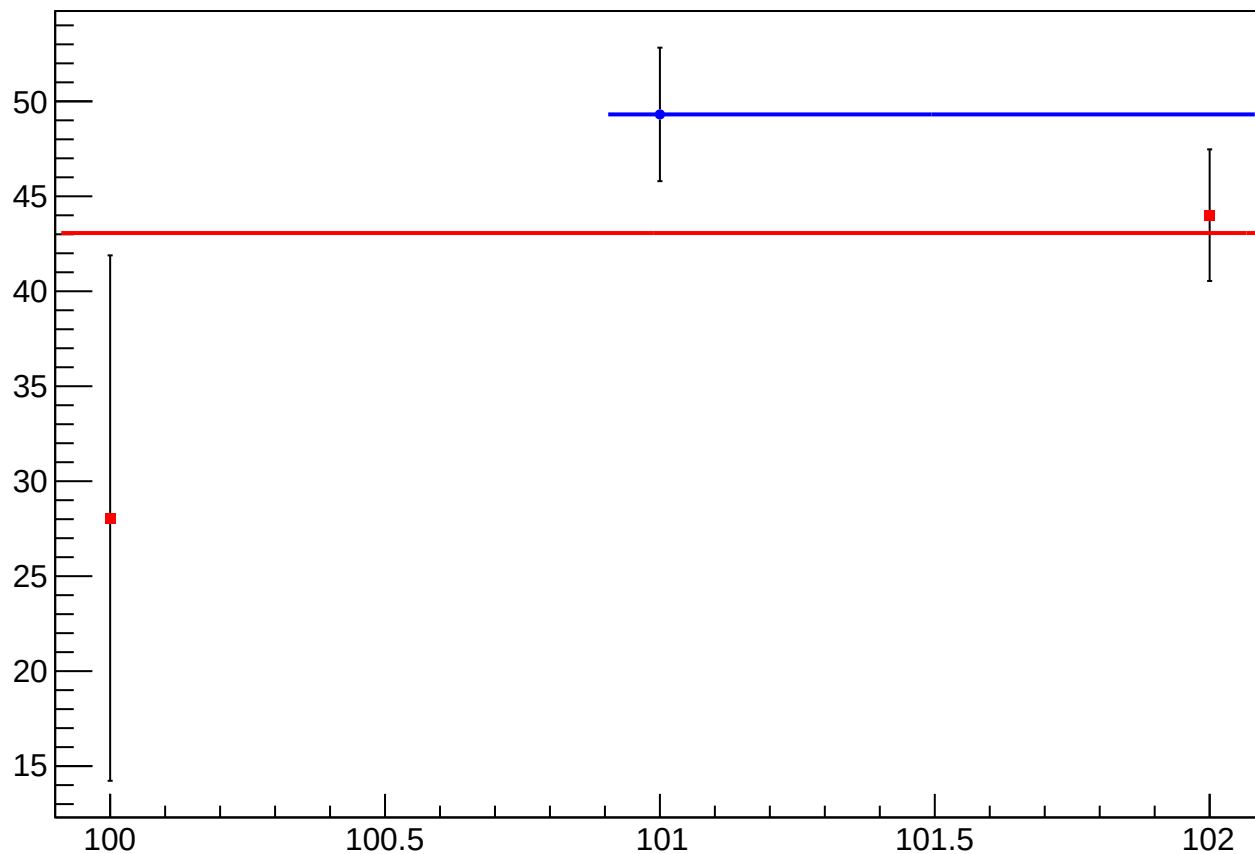
Right: -2.929+/-2.833 χ^2/NDF : 3.4/2

In: -7.075+/-3.667 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.929+/-2.833 χ^2/NDF : 3.4/2

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 49.311+/-3.514 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.066+/-3.361 χ^2/NDF : 1.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

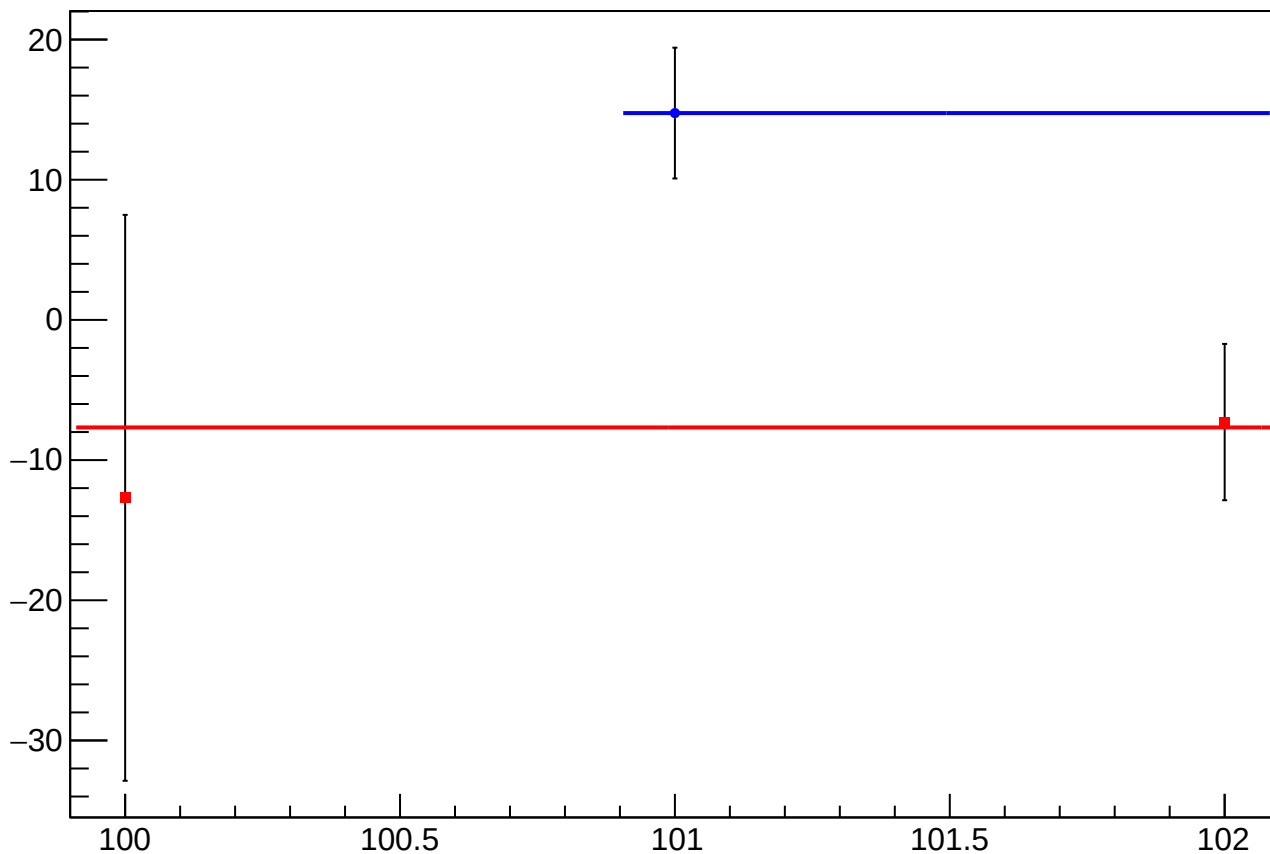
Right: 46.050+/-2.429 χ^2/NDF : 2.9/2

In: 49.311+/-3.514 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.050+/-2.429 χ^2/NDF : 2.9/2

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 14.755+/-4.666 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.671+/-5.374 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

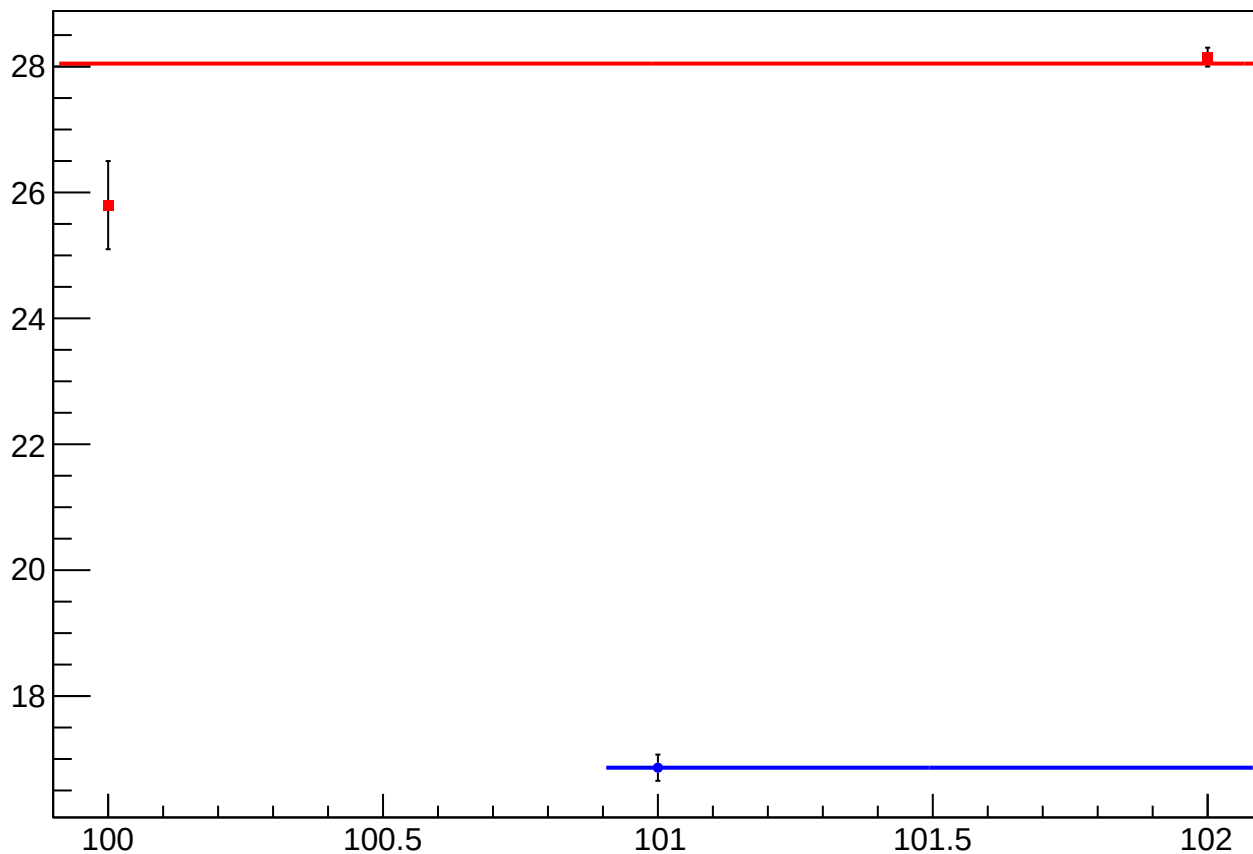
Right: 5.116+/-3.523 χ^2/NDF : 10.0/2

In: 14.755+/-4.666 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.116+/-3.523 χ^2/NDF : 10.0/2

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 16.862 $\pm$ 0.208 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 28.047 $\pm$ 0.147 χ^2 /NDF: 10.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

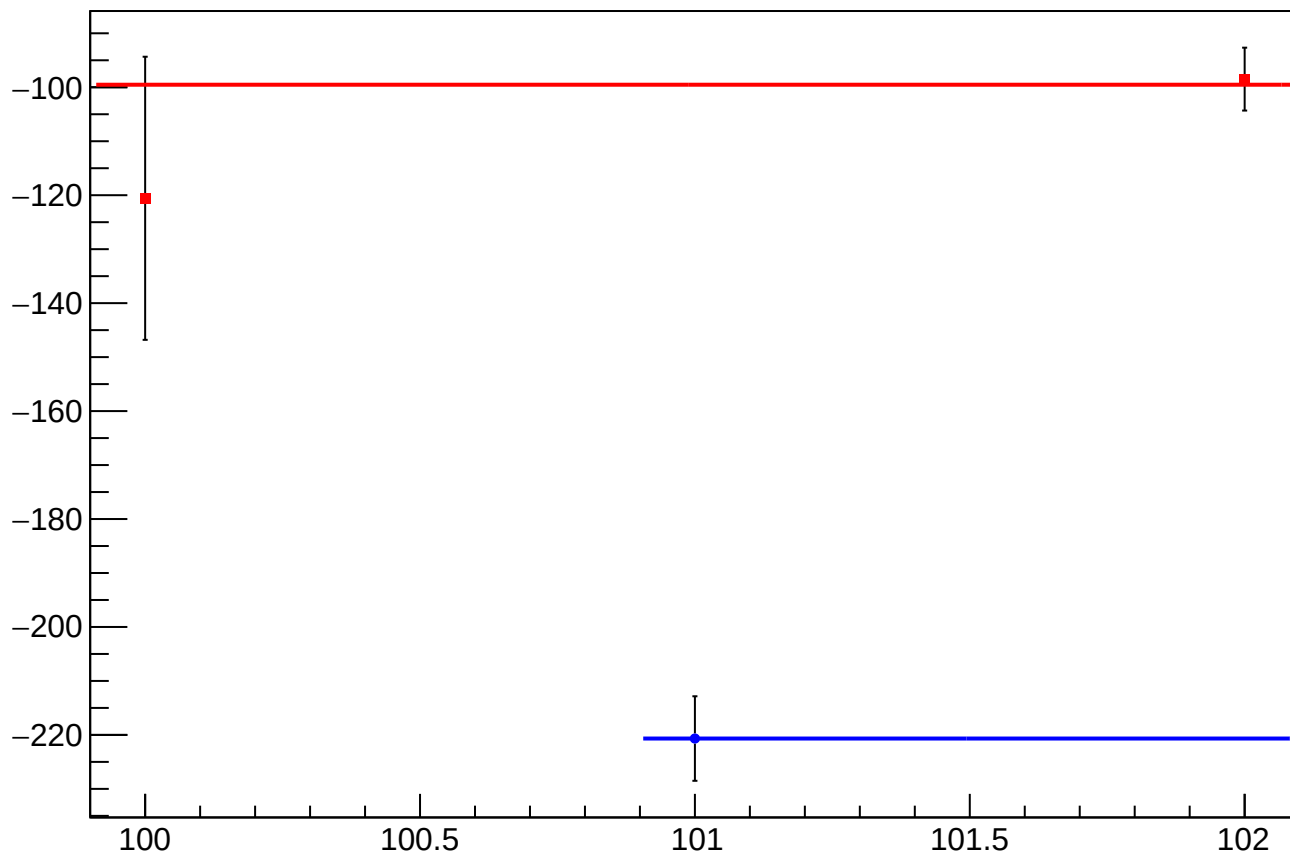
Right: 24.341 $\pm$ 0.120 χ^2 /NDF: 1939.9/2

In: 16.862 $\pm$ 0.208 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.341 $\pm$ 0.120 χ^2 /NDF: 1939.9/2

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -220.672+/-7.831 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -99.530+/-5.688 χ^2 /NDF: 0.7/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

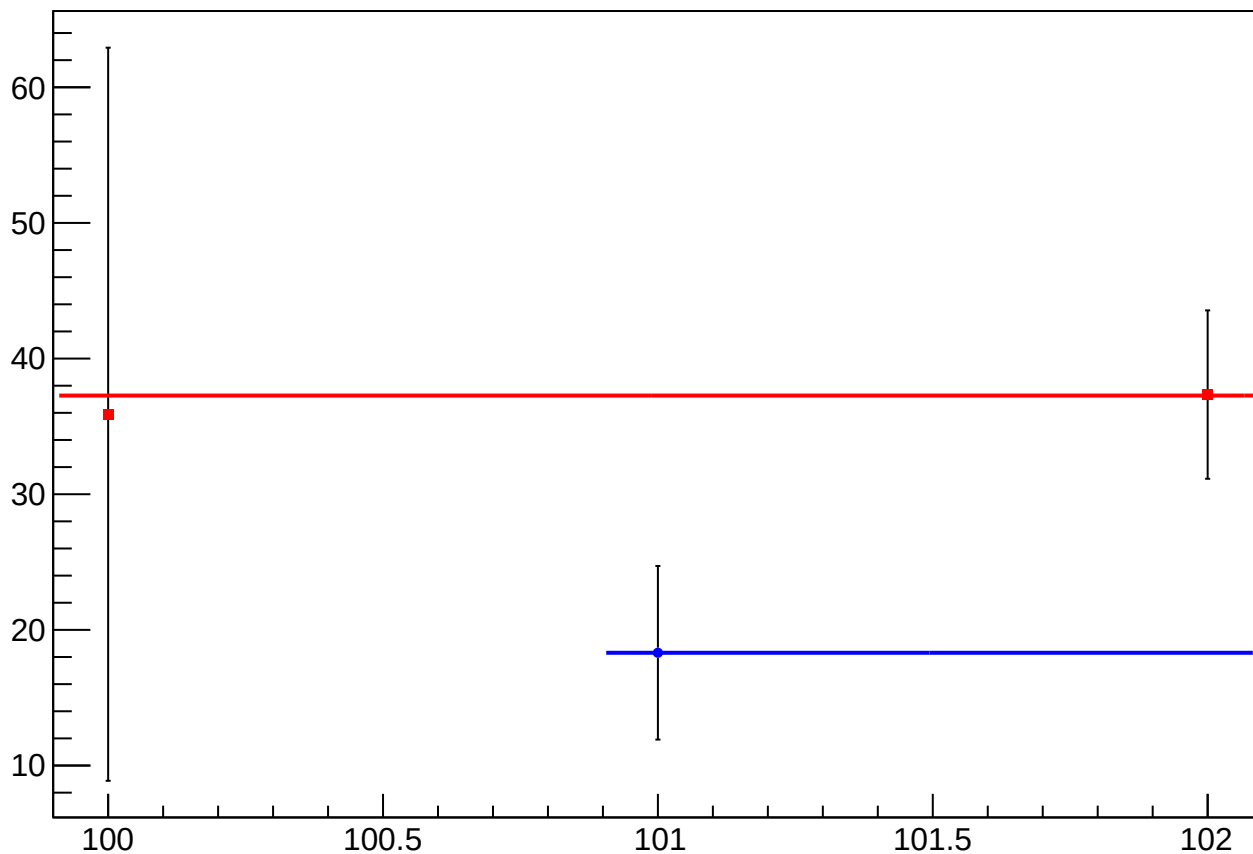
Right: -141.369+/-4.602 χ^2 /NDF: 157.3/2

In: -220.672+/-7.831 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -141.369+/-4.602 χ^2 /NDF: 157.3/2

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.312 $\pm$ 6.400 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 37.273 $\pm$ 6.049 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

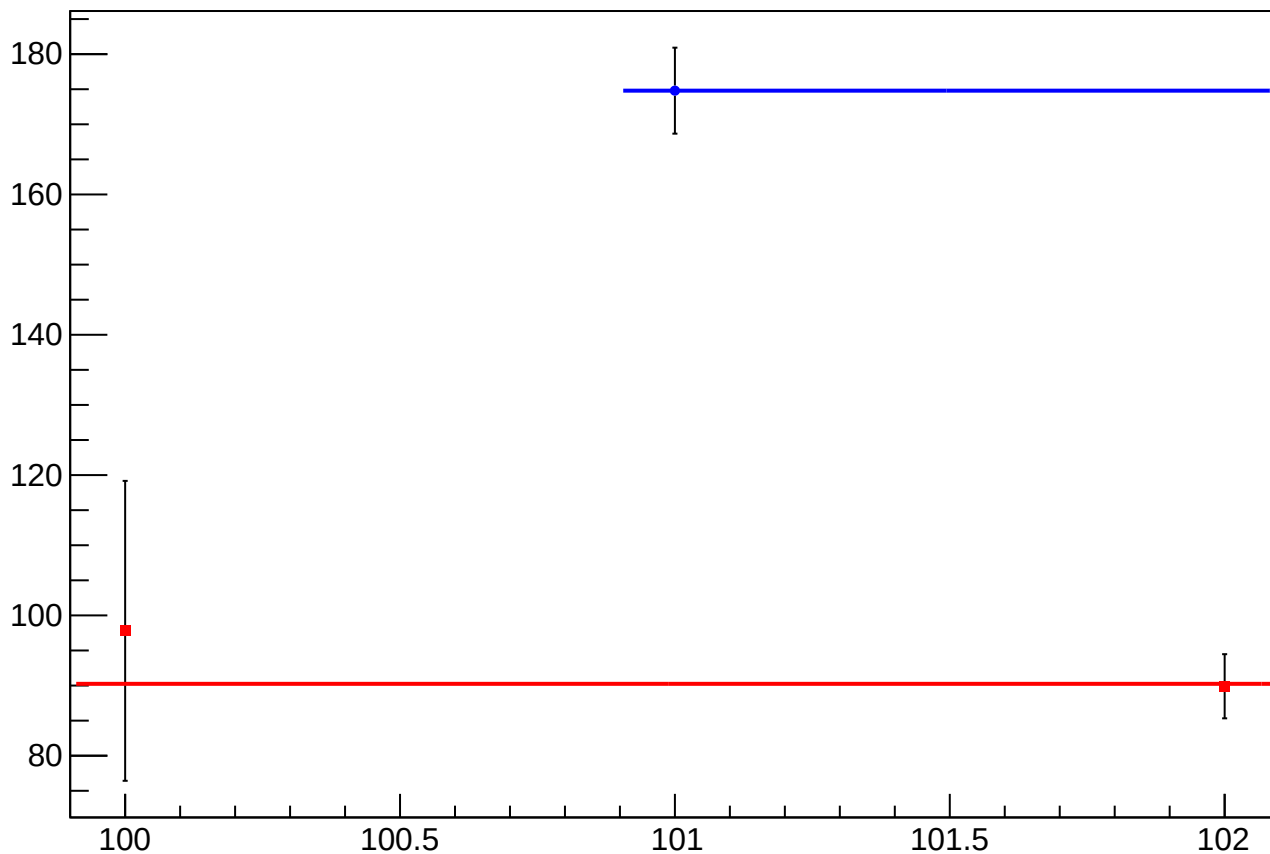
Right: 28.326 $\pm$ 4.396 χ^2 /NDF: 4.6/2

In: 18.312 $\pm$ 6.400 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.326 $\pm$ 4.396 χ^2 /NDF: 4.6/2

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 174.796 $\pm$ 6.128 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 90.246 $\pm$ 4.471 χ^2 /NDF: 0.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

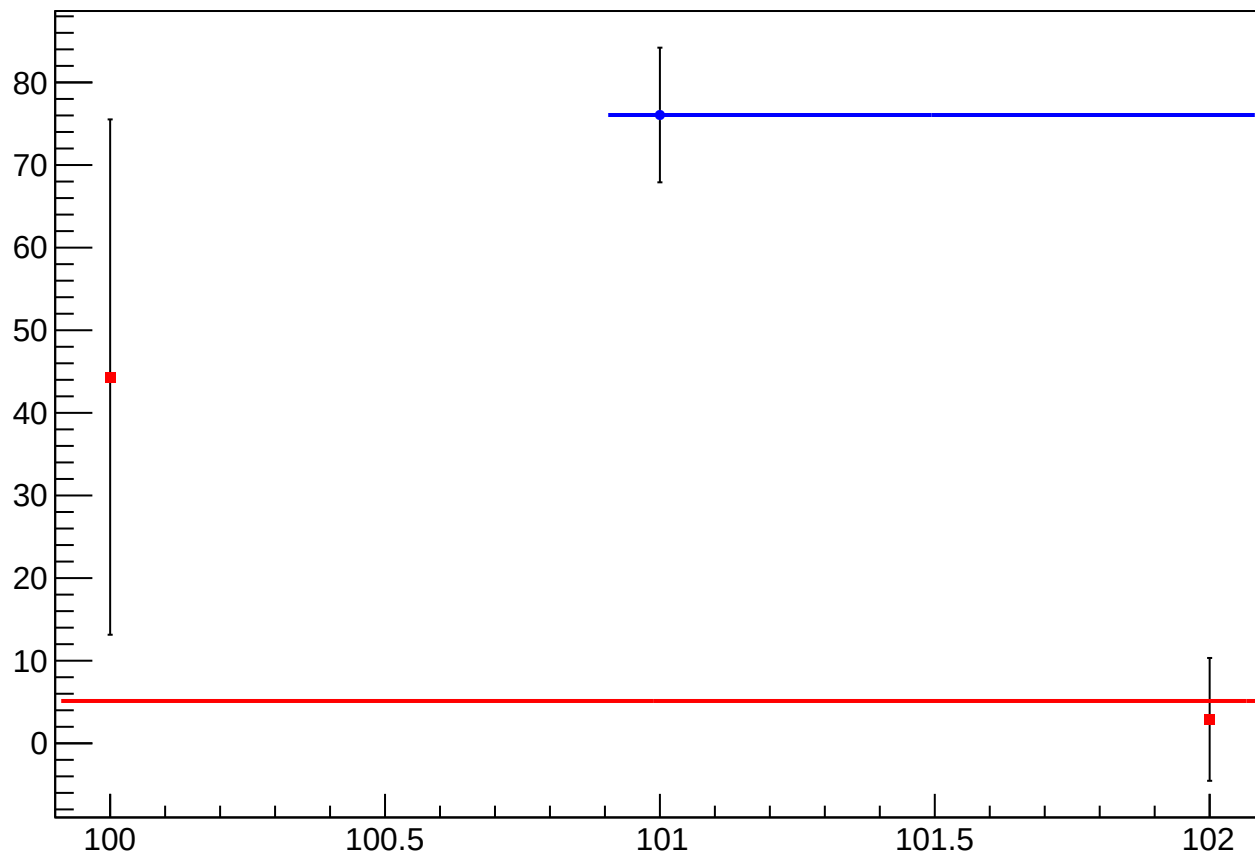
Right: 119.621 $\pm$ 3.612 χ^2 /NDF: 124.4/2

In: 174.796 $\pm$ 6.128 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 119.621 $\pm$ 3.612 χ^2 /NDF: 124.4/2

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 76.056+/-8.150 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.125+/-7.232 χ^2/NDF : 1.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

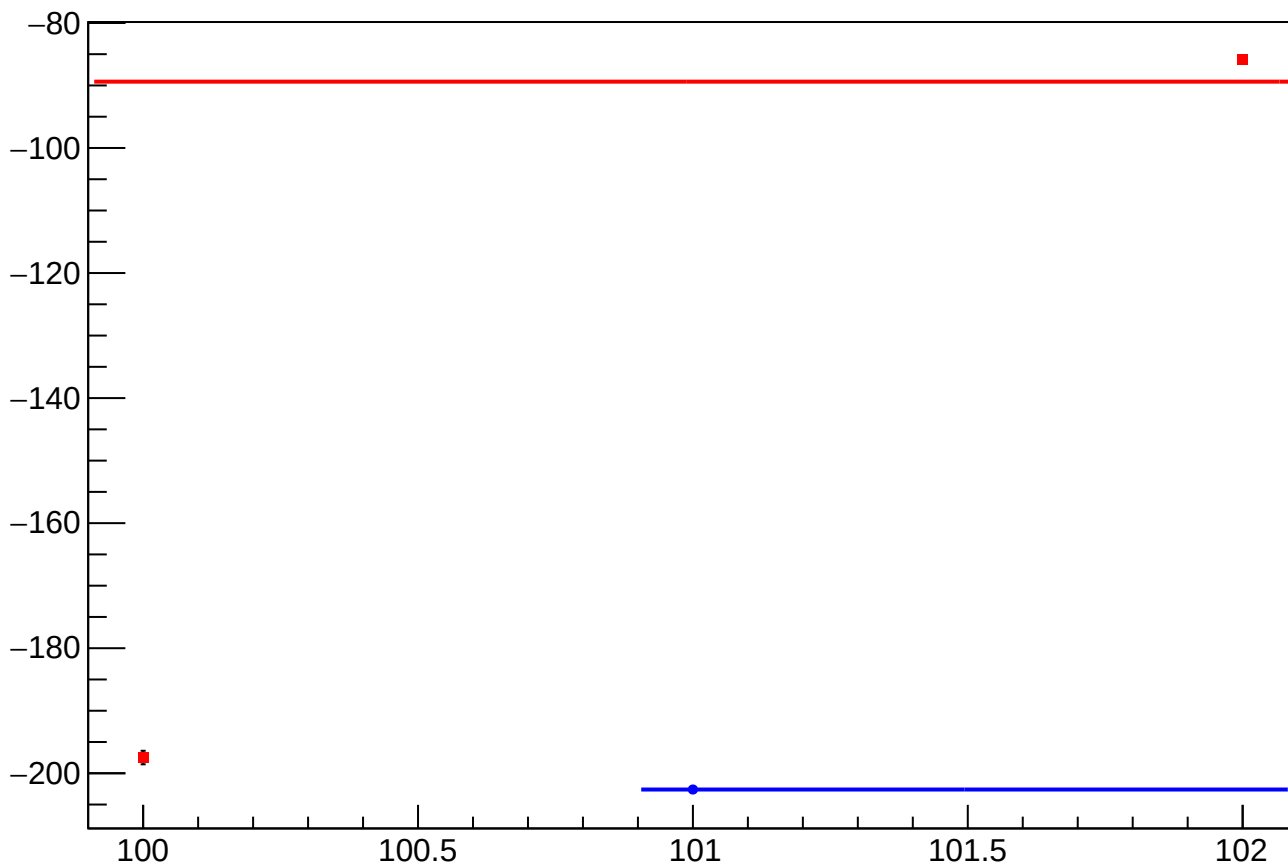
Right: 36.372+/-5.409 χ^2/NDF : 44.1/2

In: 76.056+/-8.150 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.372+/-5.409 χ^2/NDF : 44.1/2

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -202.598+/-0.365 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -89.393+/-0.191 χ^2/NDF : 10279.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

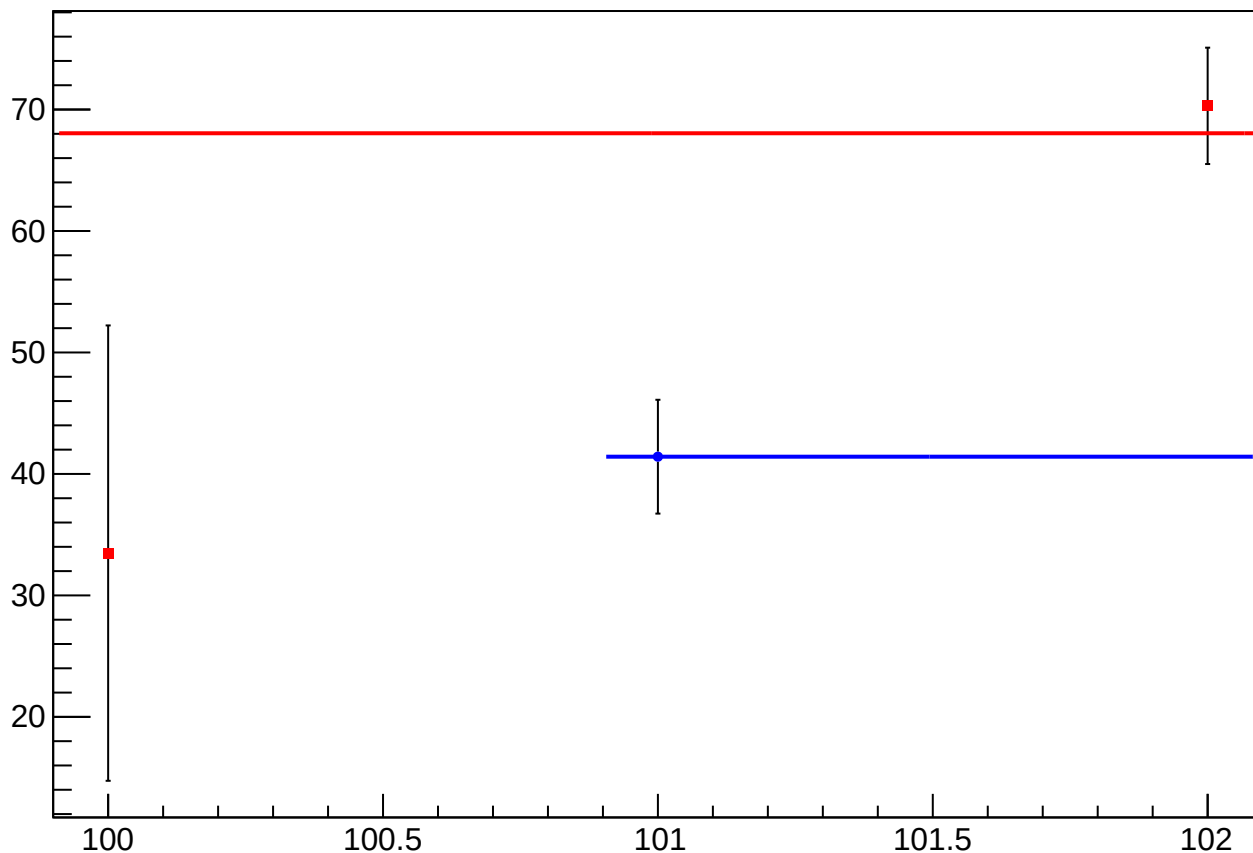
Right: -113.808+/-0.169 χ^2/NDF : 85791.1/2

In: -202.598+/-0.365 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -113.808+/-0.169 χ^2/NDF : 85791.1/2

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 41.420+/-4.685 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.046+/-4.640 χ^2/NDF : 3.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

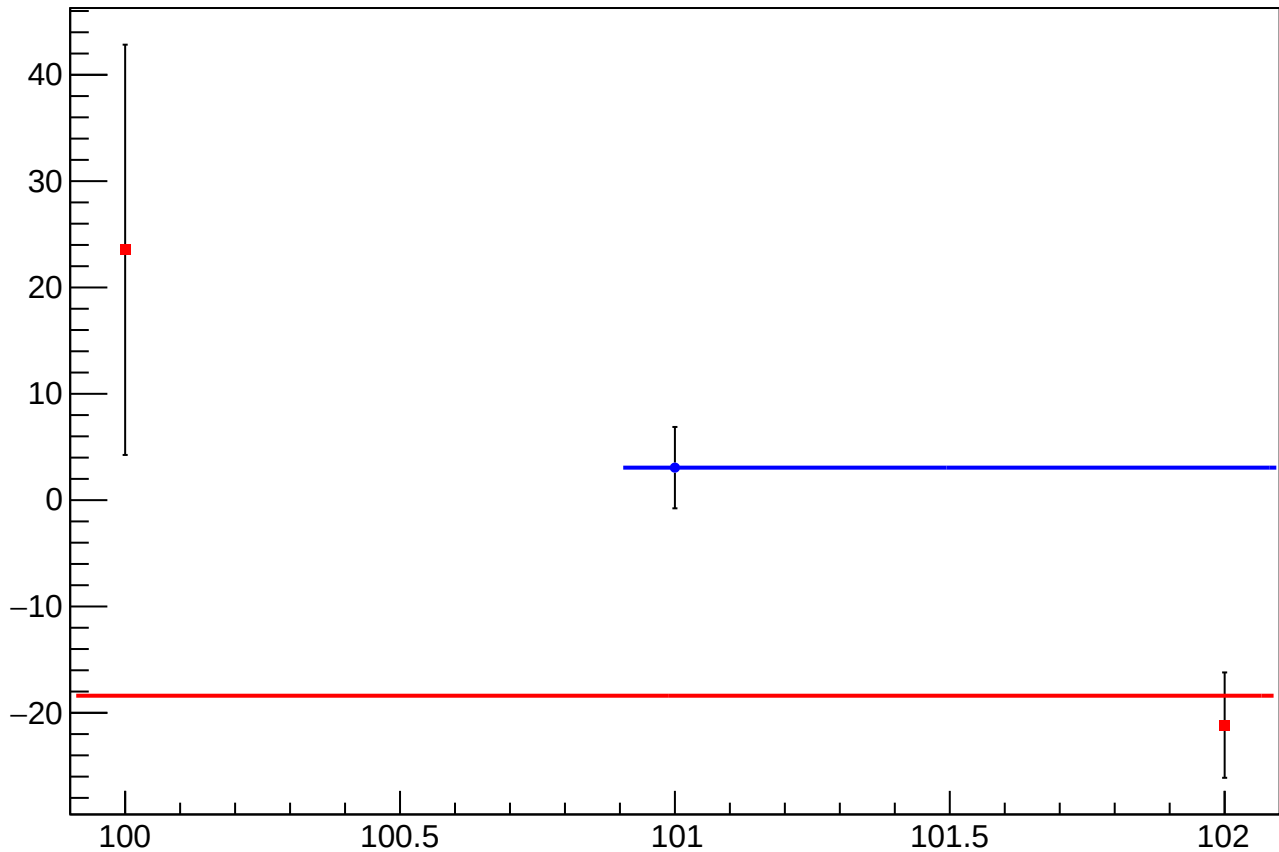
Right: 54.861+/-3.297 χ^2/NDF : 19.9/2

In: 41.420+/-4.685 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.861+/-3.297 χ^2/NDF : 19.9/2

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.057+/-3.826 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.391+/-4.798 χ^2/NDF : 5.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

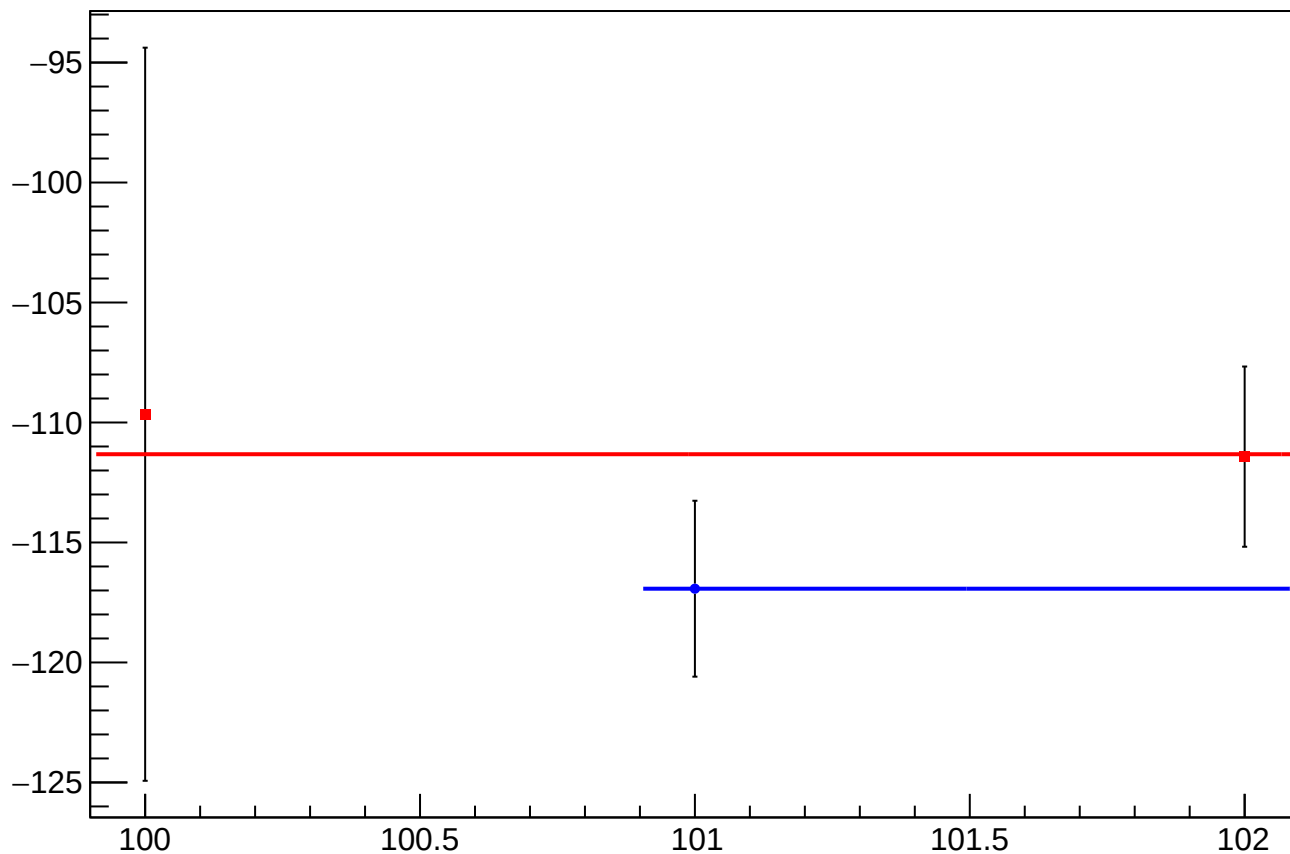
Right: -5.279+/-2.991 χ^2/NDF : 17.3/2

In: 3.057+/-3.826 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.279+/-2.991 χ^2/NDF : 17.3/2

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -116.926+/-3.665 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -111.322+/-3.647 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

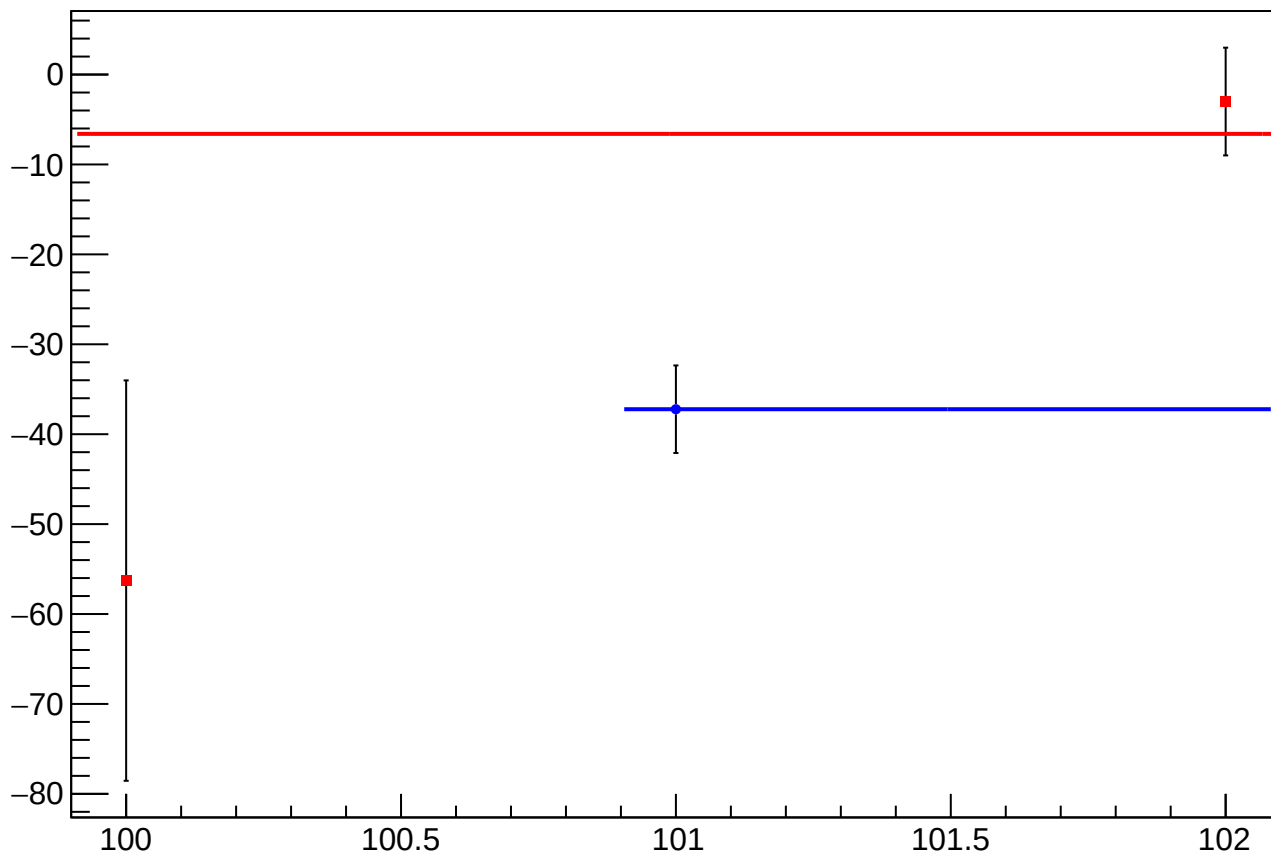
Right: -114.110+/-2.585 χ^2/NDF : 1.2/2

In: -116.926+/-3.665 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -114.110+/-2.585 χ^2/NDF : 1.2/2

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -37.221 $\pm$ 4.868 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -6.599 $\pm$ 5.785 χ^2 /NDF: 5.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

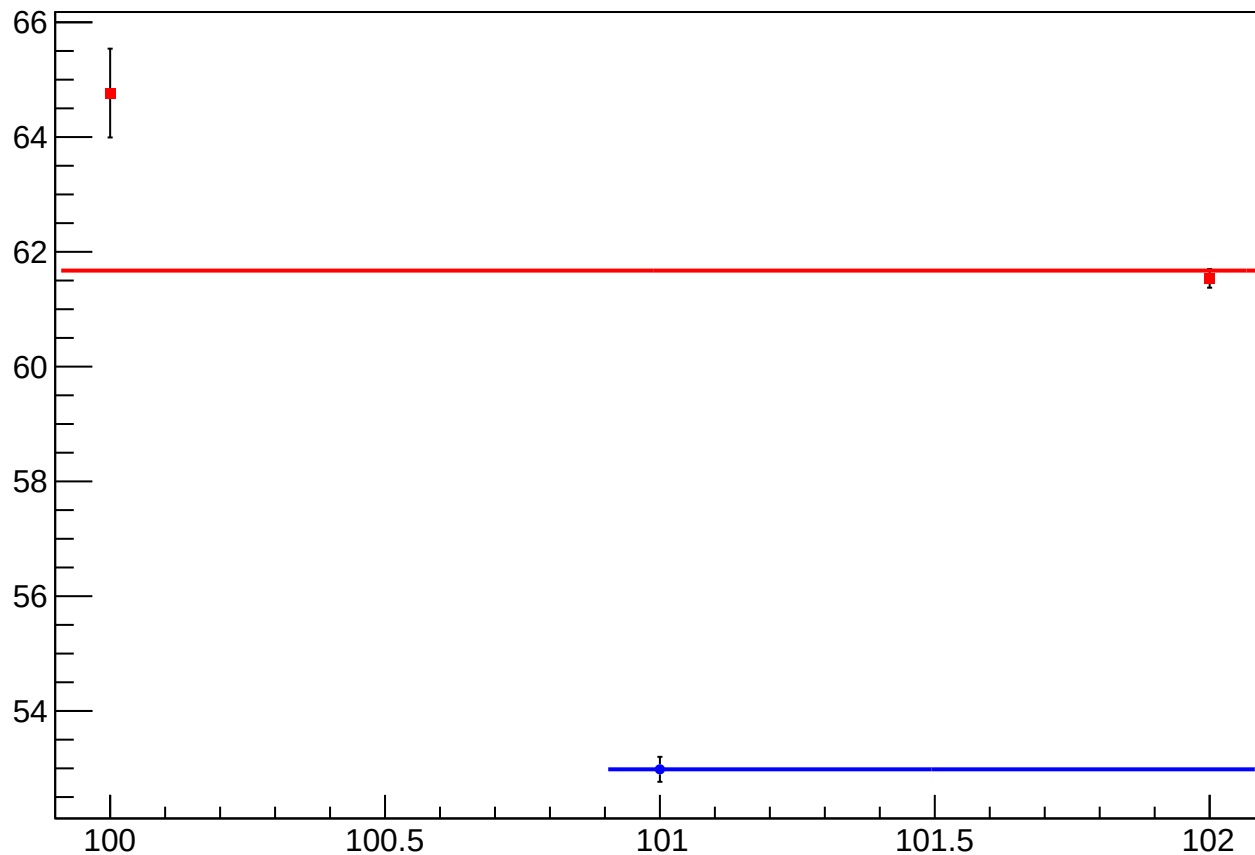
Right: -24.526 $\pm$ 3.725 χ^2 /NDF: 21.7/2

In: -37.221 $\pm$ 4.868 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -24.526 $\pm$ 3.725 χ^2 /NDF: 21.7/2

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 52.983 $\pm$ 0.217 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 61.673 $\pm$ 0.159 χ^2 /NDF: 16.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

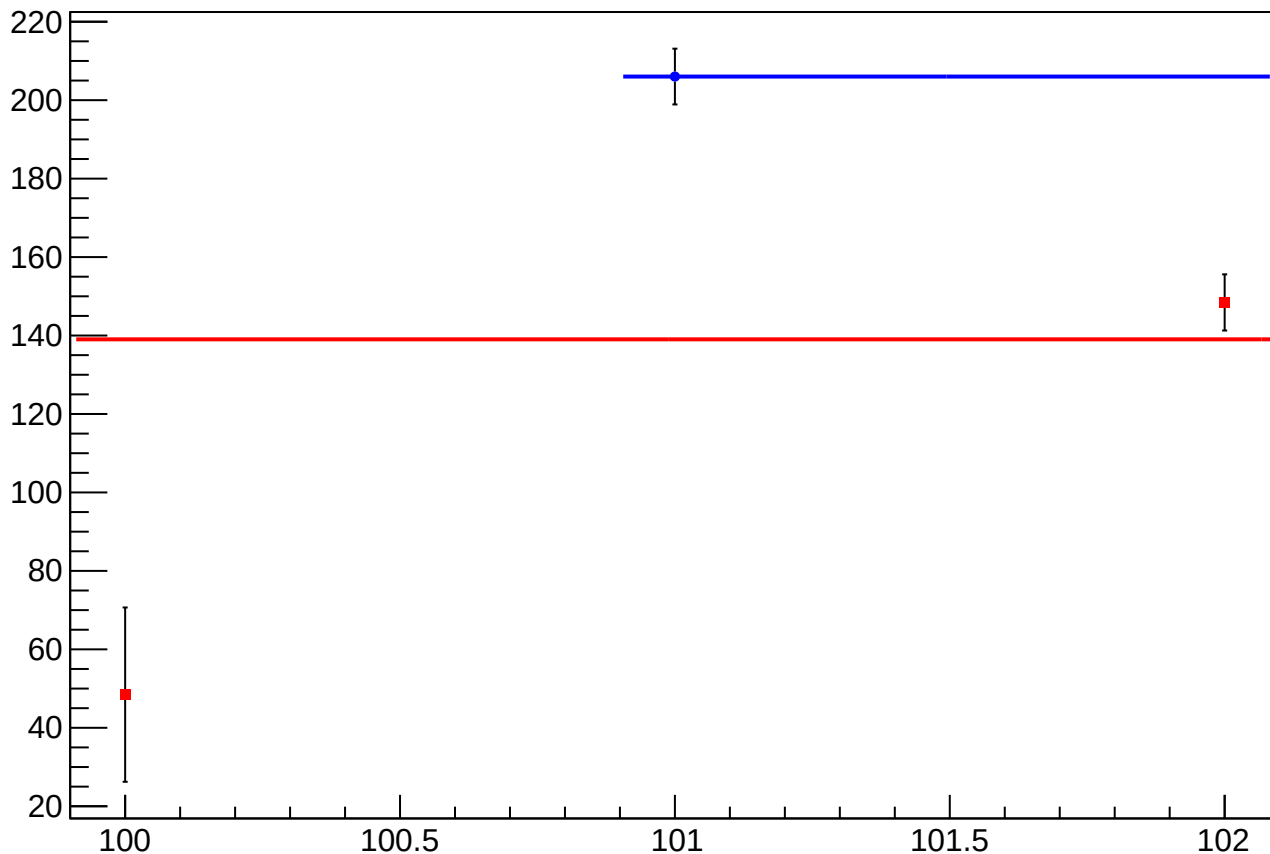
Right: 58.650 $\pm$ 0.128 χ^2 /NDF: 1058.8/2

In: 52.983 $\pm$ 0.217 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 58.650 $\pm$ 0.128 χ^2 /NDF: 1058.8/2

reg_asym_at1_avg_at2_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 206.021+/-7.109 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.032+/-6.816 χ^2/NDF : 18.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

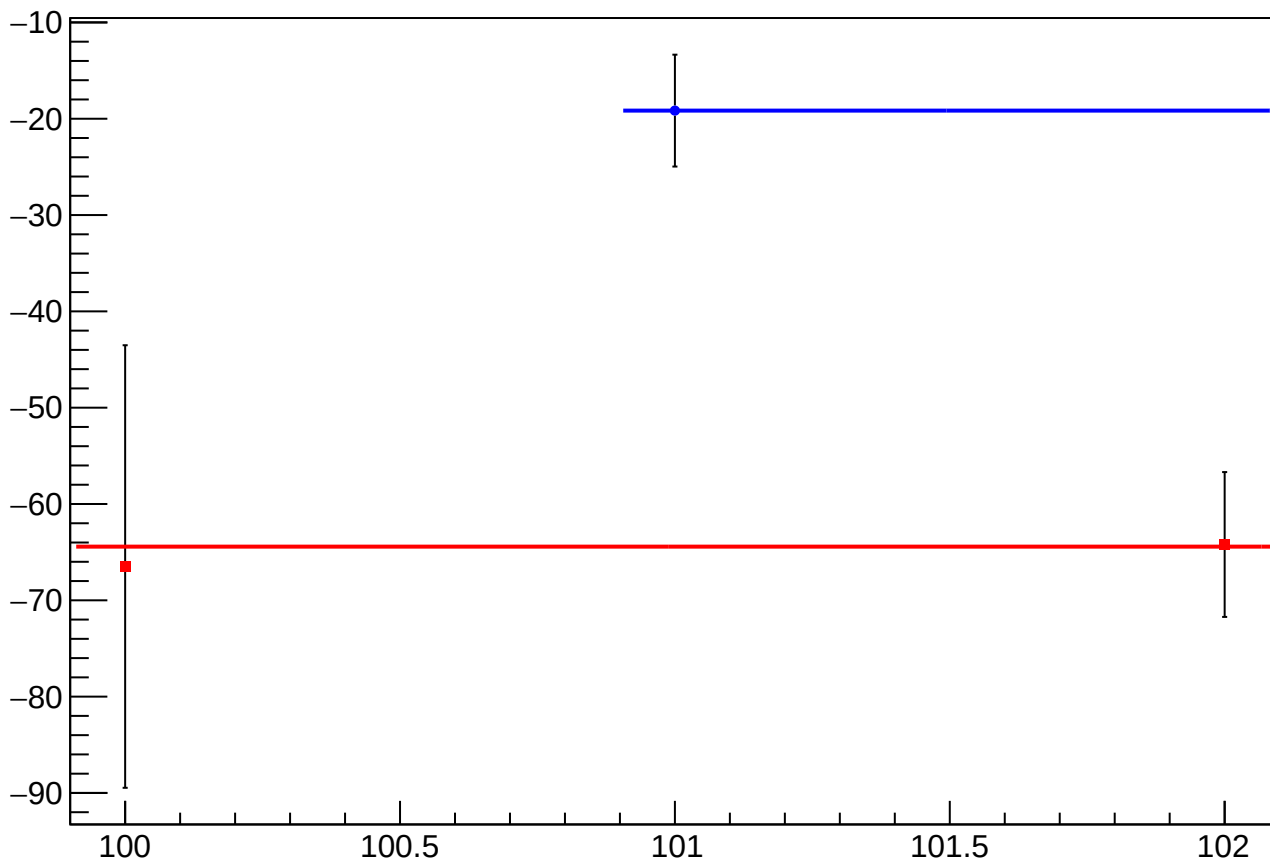
Right: 171.117+/-4.920 χ^2/NDF : 64.6/2

In: 206.021+/-7.109 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.117+/-4.920 χ^2/NDF : 64.6/2

reg_asym_at1_avg_at2_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -19.156+/-5.808 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -64.426+/-7.146 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

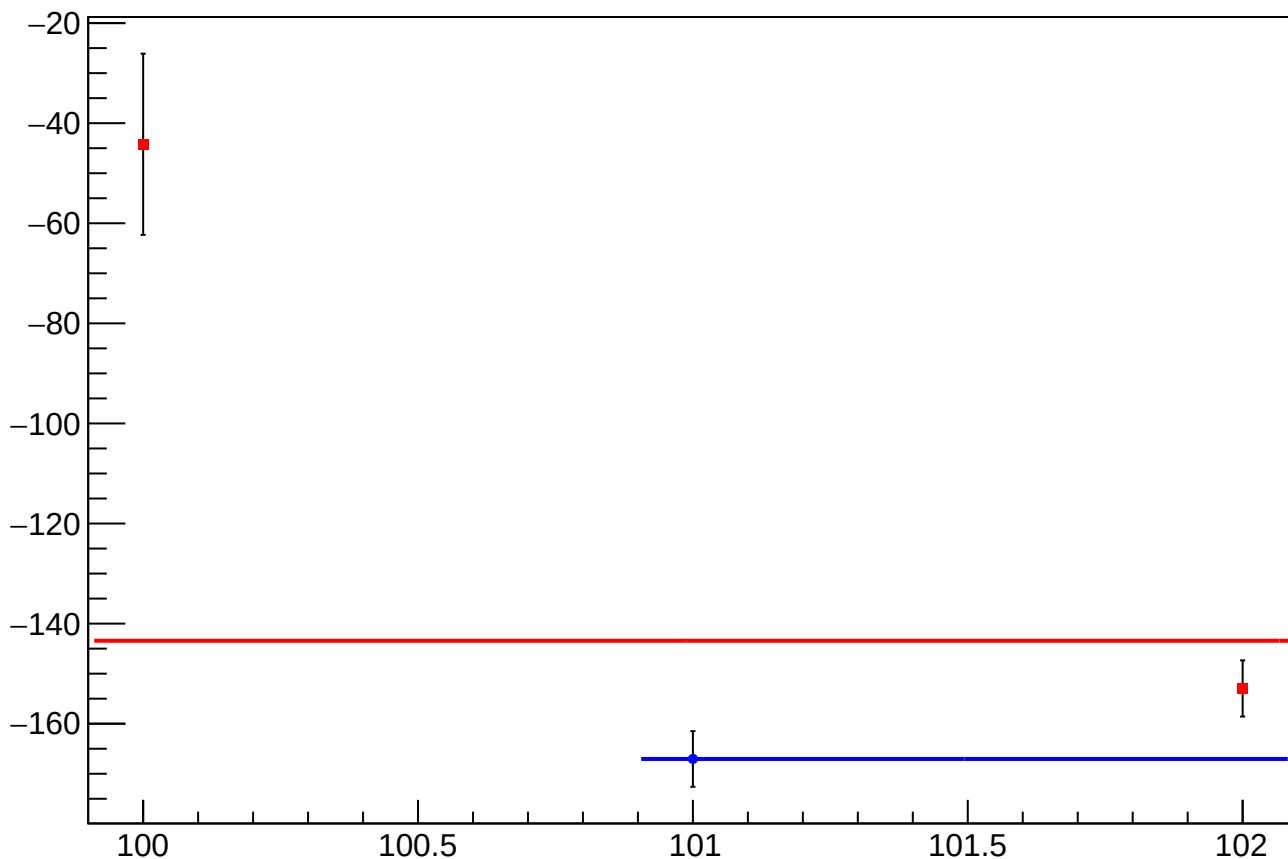
Right: -37.163+/-4.507 χ^2/NDF : 24.2/2

In: -19.156+/-5.808 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.163+/-4.507 χ^2/NDF : 24.2/2

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -167.046+/-5.563 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -143.423+/-5.362 χ^2/NDF : 32.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

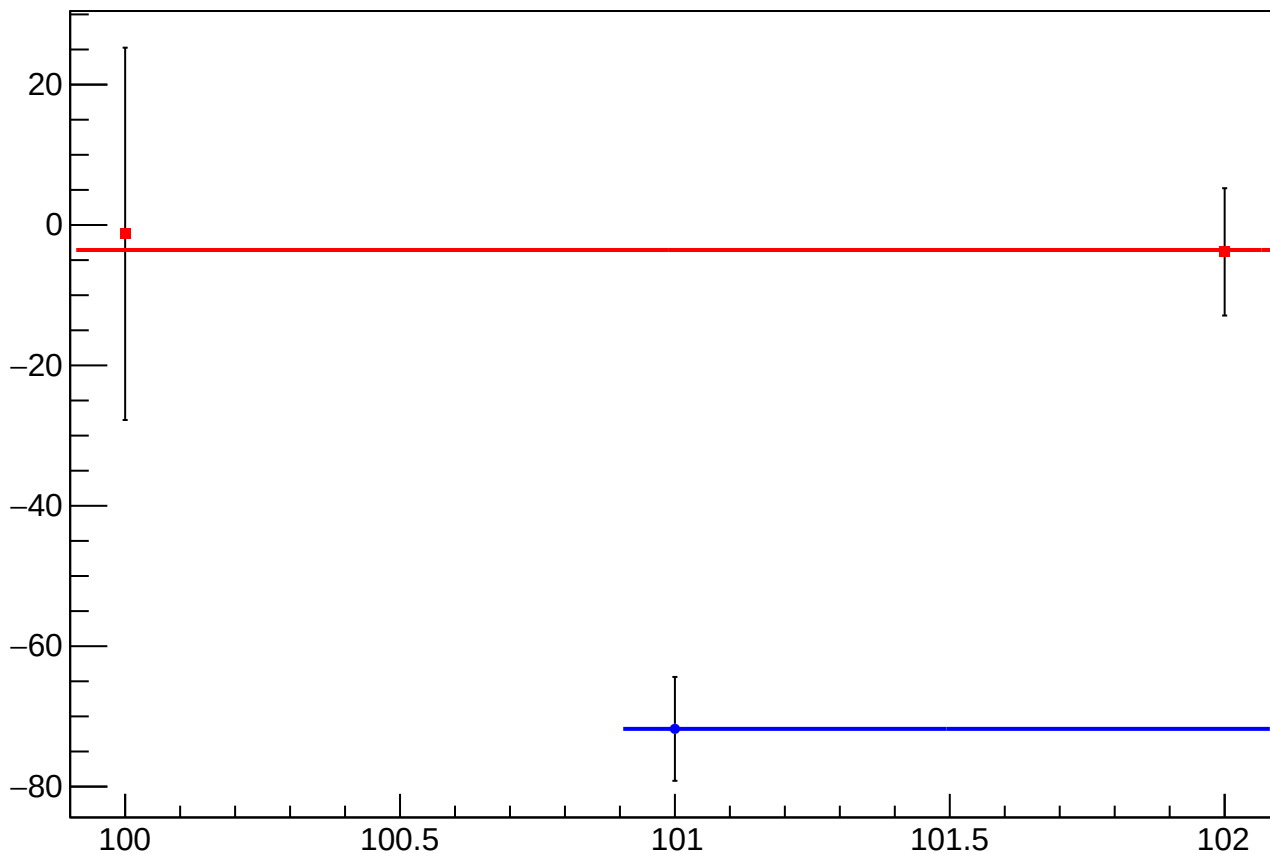
Right: -154.799+/-3.860 χ^2/NDF : 42.3/2

In: -167.046+/-5.563 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -154.799+/-3.860 χ^2/NDF : 42.3/2

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -71.777 $\pm$ 7.397 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.559 $\pm$ 8.582 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

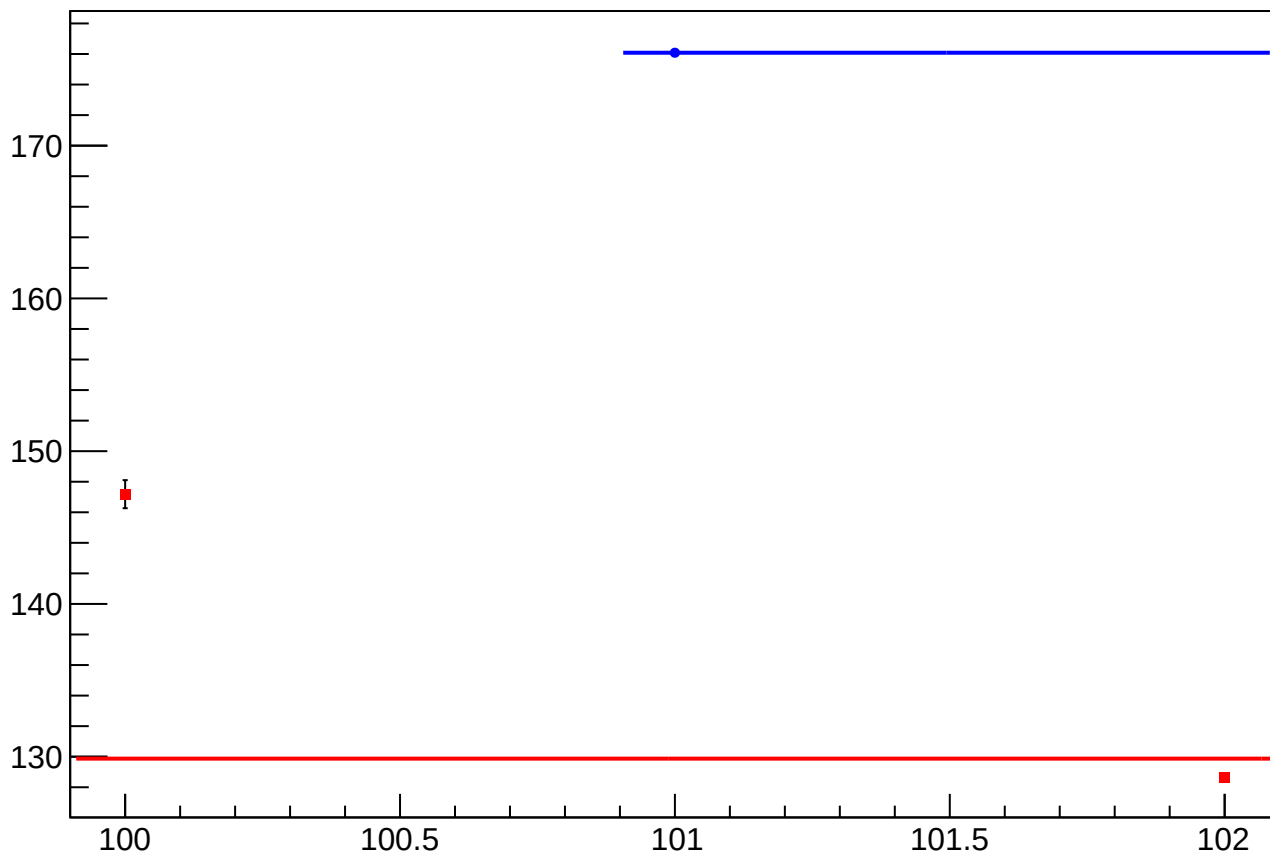
Right: -42.700 $\pm$ 5.603 χ^2 /NDF: 36.3/2

In: -71.777 $\pm$ 7.397 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -42.700 $\pm$ 5.603 χ^2 /NDF: 36.3/2

reg_asym_at1_avg_at2_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 176.083 $\pm$ 0.331 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 129.874 $\pm$ 0.235 χ^2 /NDF: 380.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

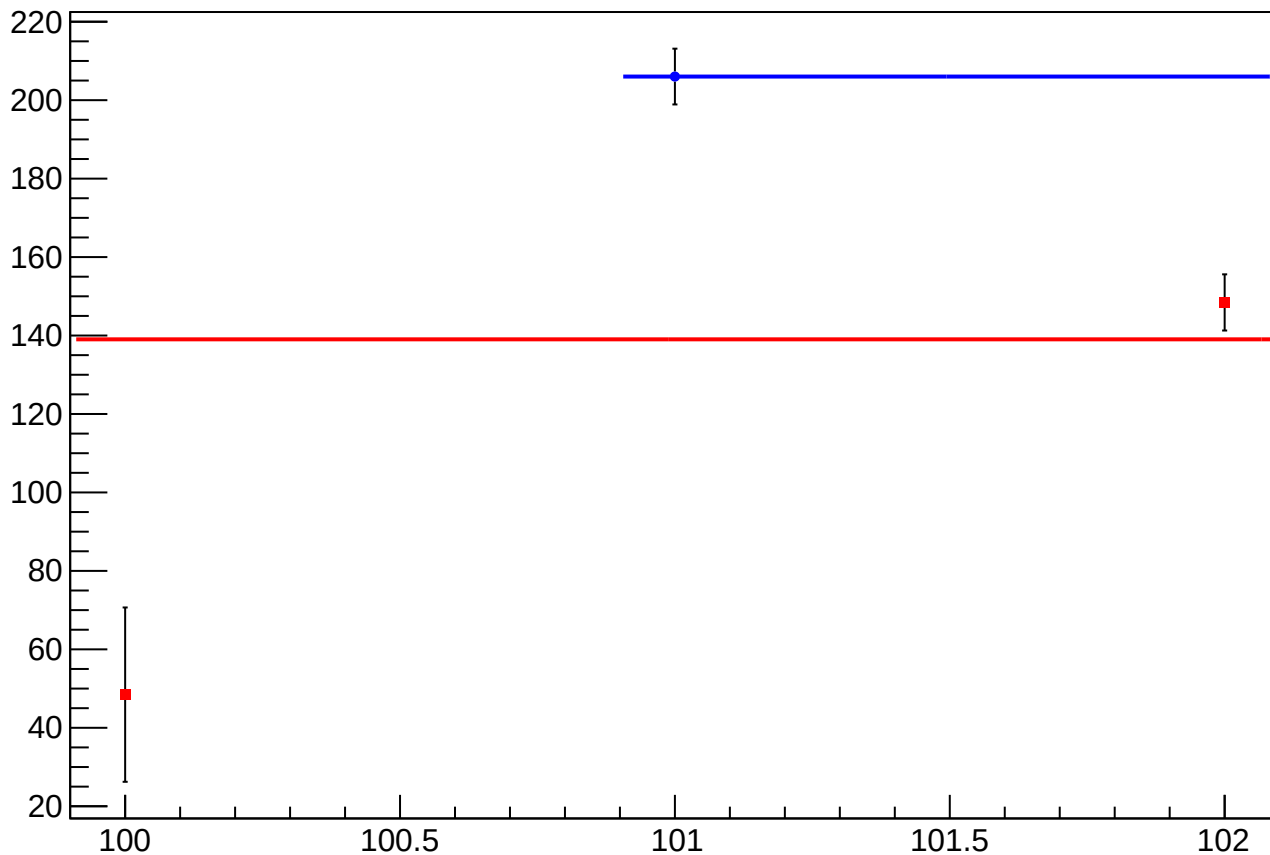
Right: 145.327 $\pm$ 0.191 χ^2 /NDF: 13348.3/2

In: 176.083 $\pm$ 0.331 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 145.327 $\pm$ 0.191 χ^2 /NDF: 13348.3/2

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 206.021 $\pm$ 7.109 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 139.032 $\pm$ 6.816 χ^2 /NDF: 18.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

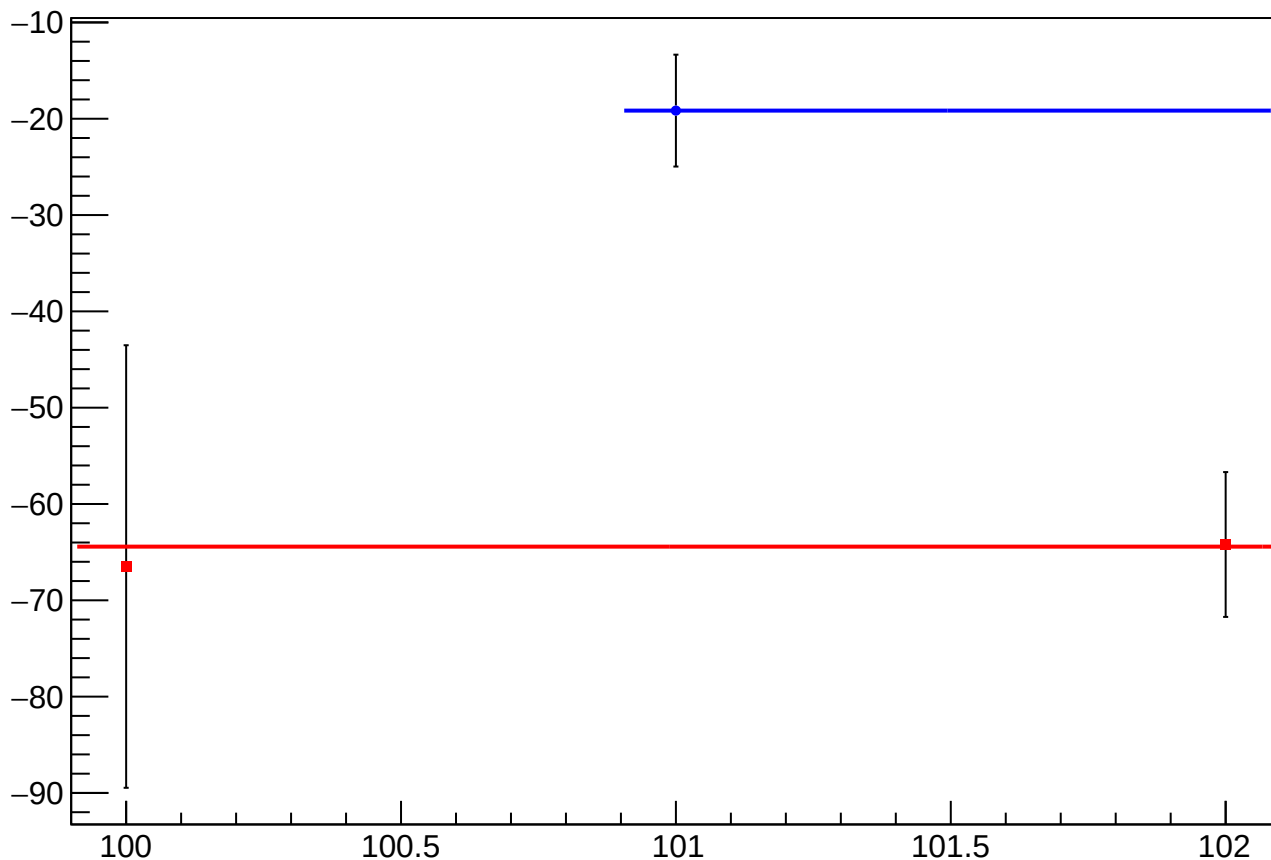
Right: 171.117 $\pm$ 4.920 χ^2 /NDF: 64.6/2

In: 206.021 $\pm$ 7.109 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 171.117 $\pm$ 4.920 χ^2 /NDF: 64.6/2

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -19.156+/-5.808 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -64.426+/-7.146 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

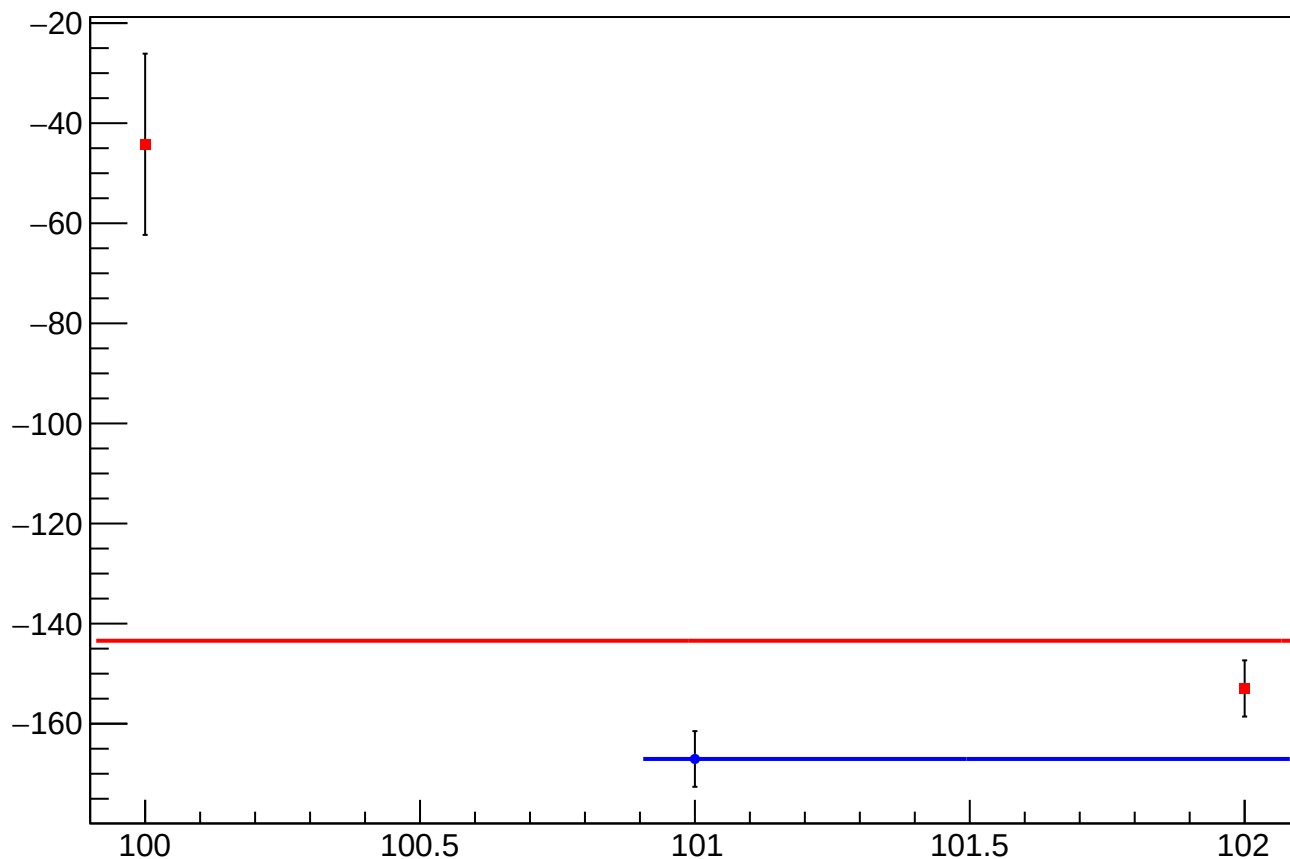
Right: -37.163+/-4.507 χ^2/NDF : 24.2/2

In: -19.156+/-5.808 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.163+/-4.507 χ^2/NDF : 24.2/2

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -167.046+/-5.563 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -143.423+/-5.362 χ^2/NDF : 32.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

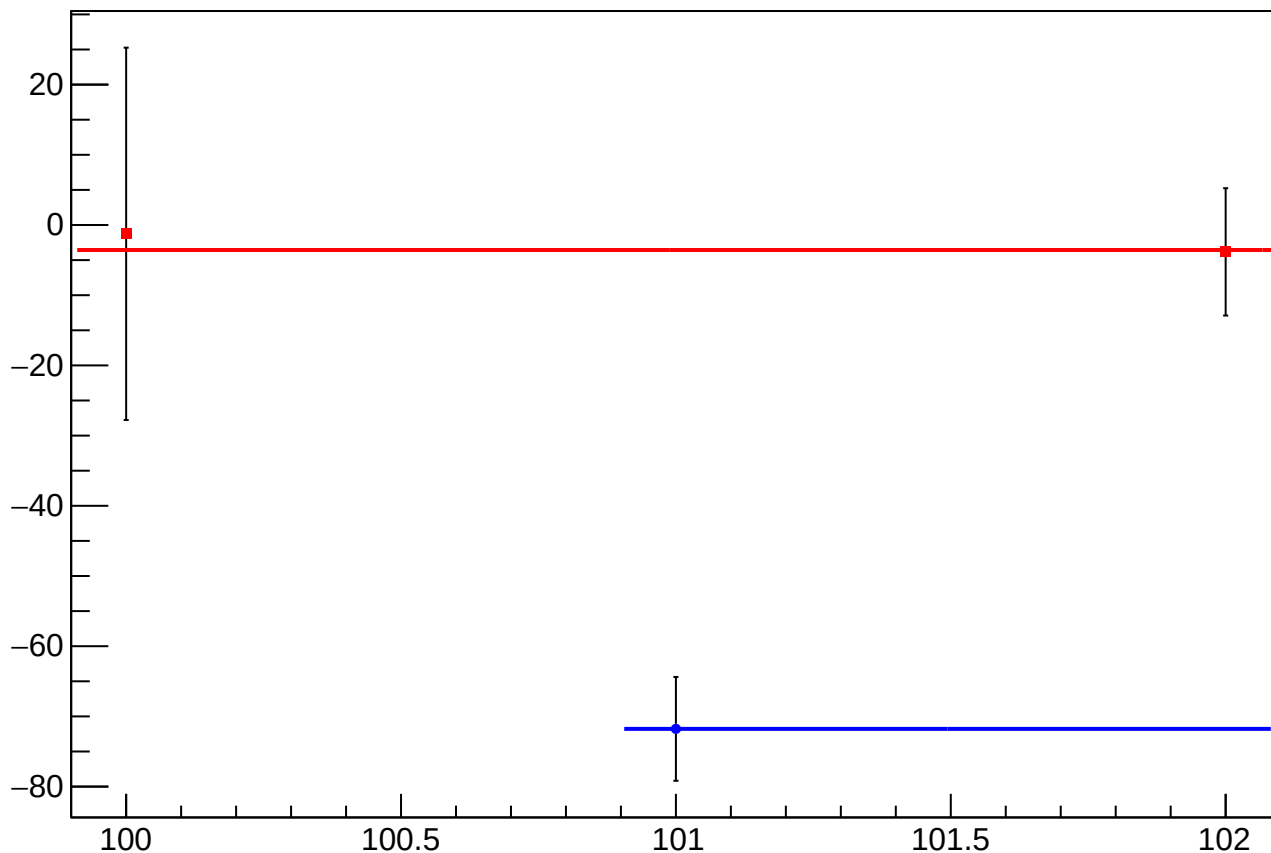
Right: -154.799+/-3.860 χ^2/NDF : 42.3/2

In: -167.046+/-5.563 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -154.799+/-3.860 χ^2/NDF : 42.3/2

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -71.777 $\pm$ 7.397 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.559 $\pm$ 8.582 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

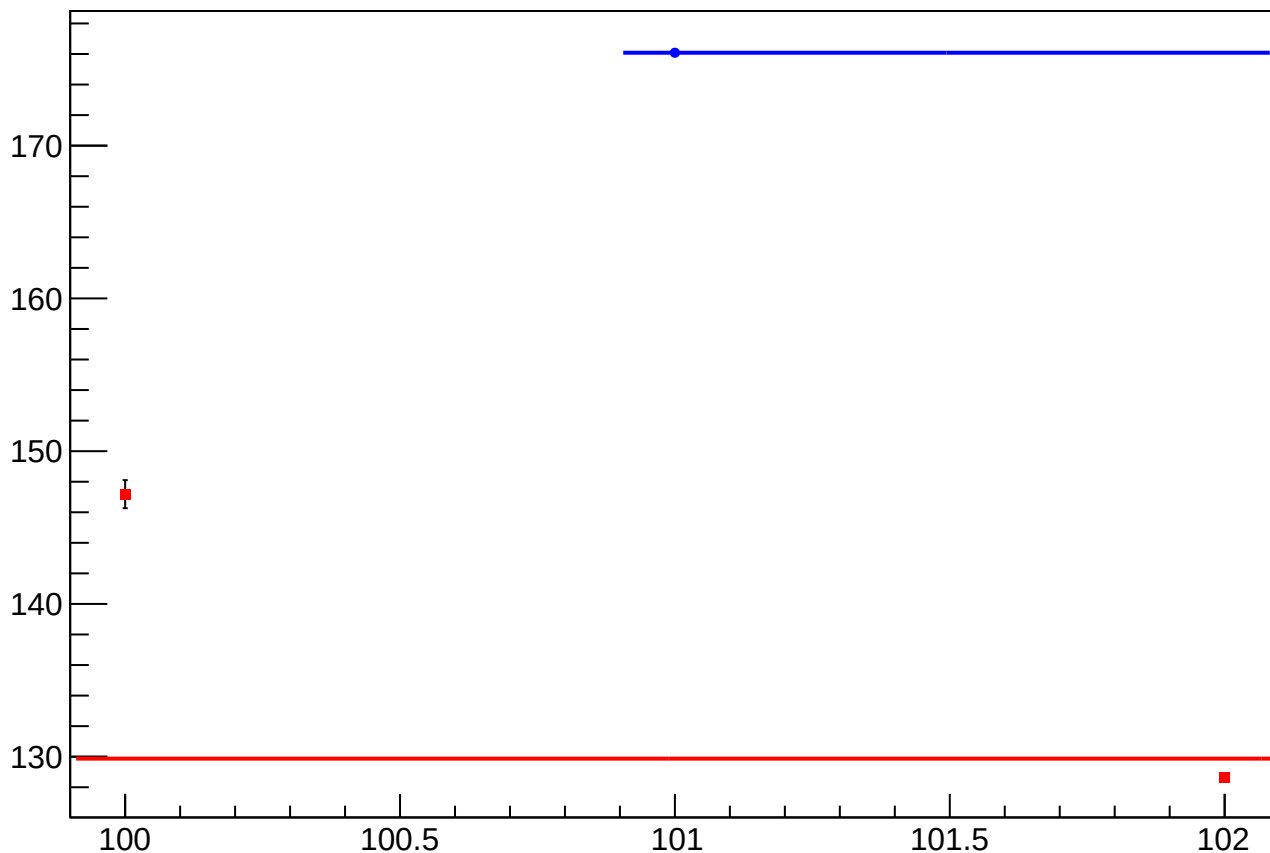
Right: -42.700 $\pm$ 5.603 χ^2 /NDF: 36.3/2

In: -71.777 $\pm$ 7.397 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -42.700 $\pm$ 5.603 χ^2 /NDF: 36.3/2

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 176.083+/-0.331 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.874+/-0.235 χ^2/NDF : 380.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

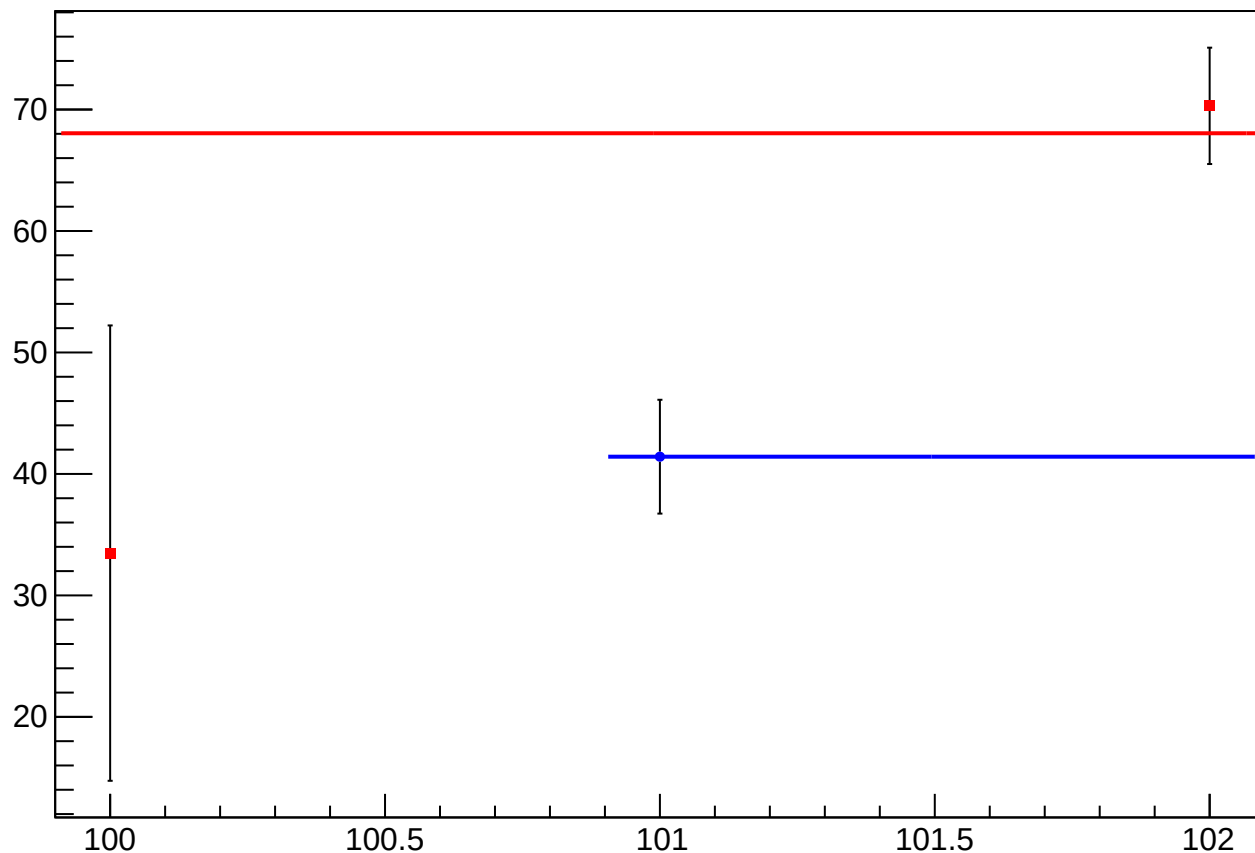
Right: 145.327+/-0.191 χ^2/NDF : 13348.3/2

In: 176.083+/-0.331 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.327+/-0.191 χ^2/NDF : 13348.3/2

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 41.420+/-4.685 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.046+/-4.640 χ^2/NDF : 3.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

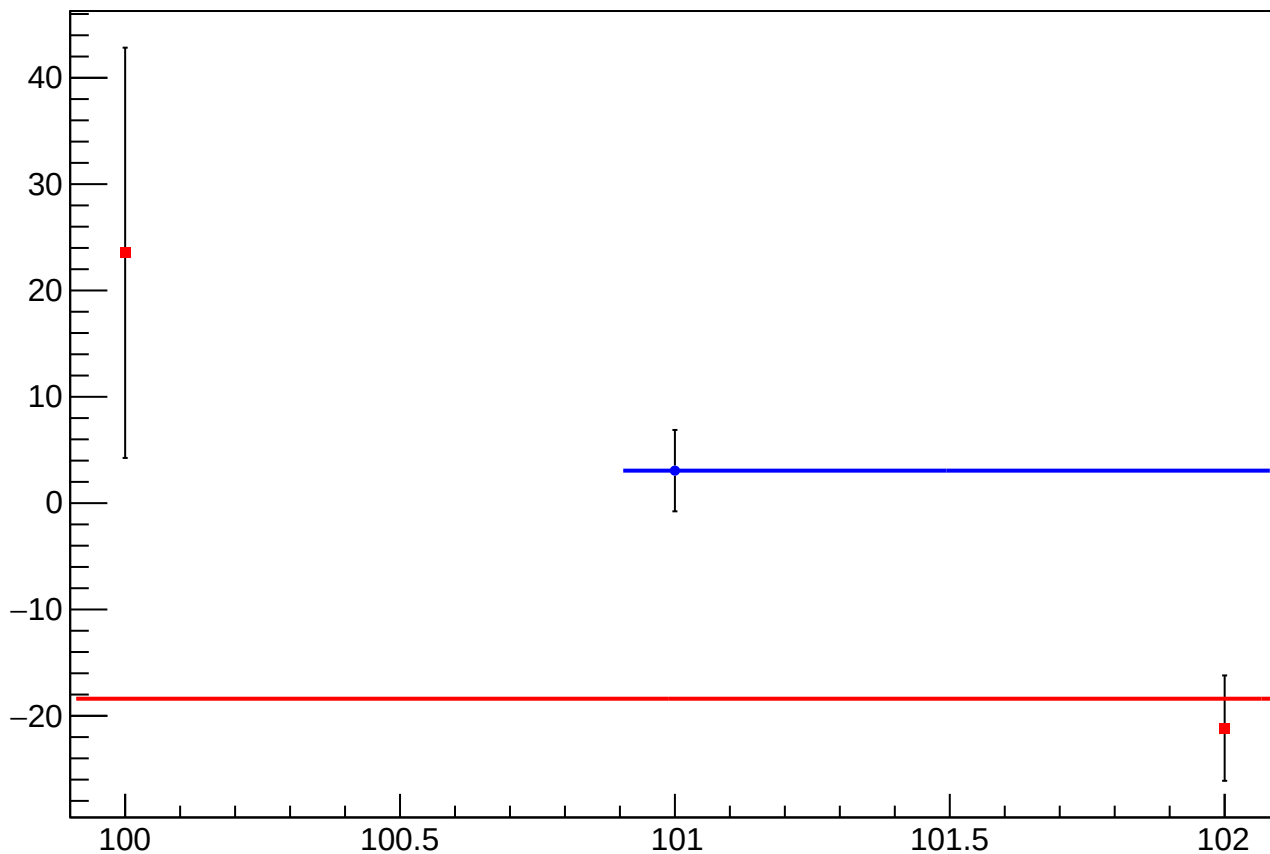
Right: 54.861+/-3.297 χ^2/NDF : 19.9/2

In: 41.420+/-4.685 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.861+/-3.297 χ^2/NDF : 19.9/2

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.057+/-3.826 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.391+/-4.798 χ^2/NDF : 5.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

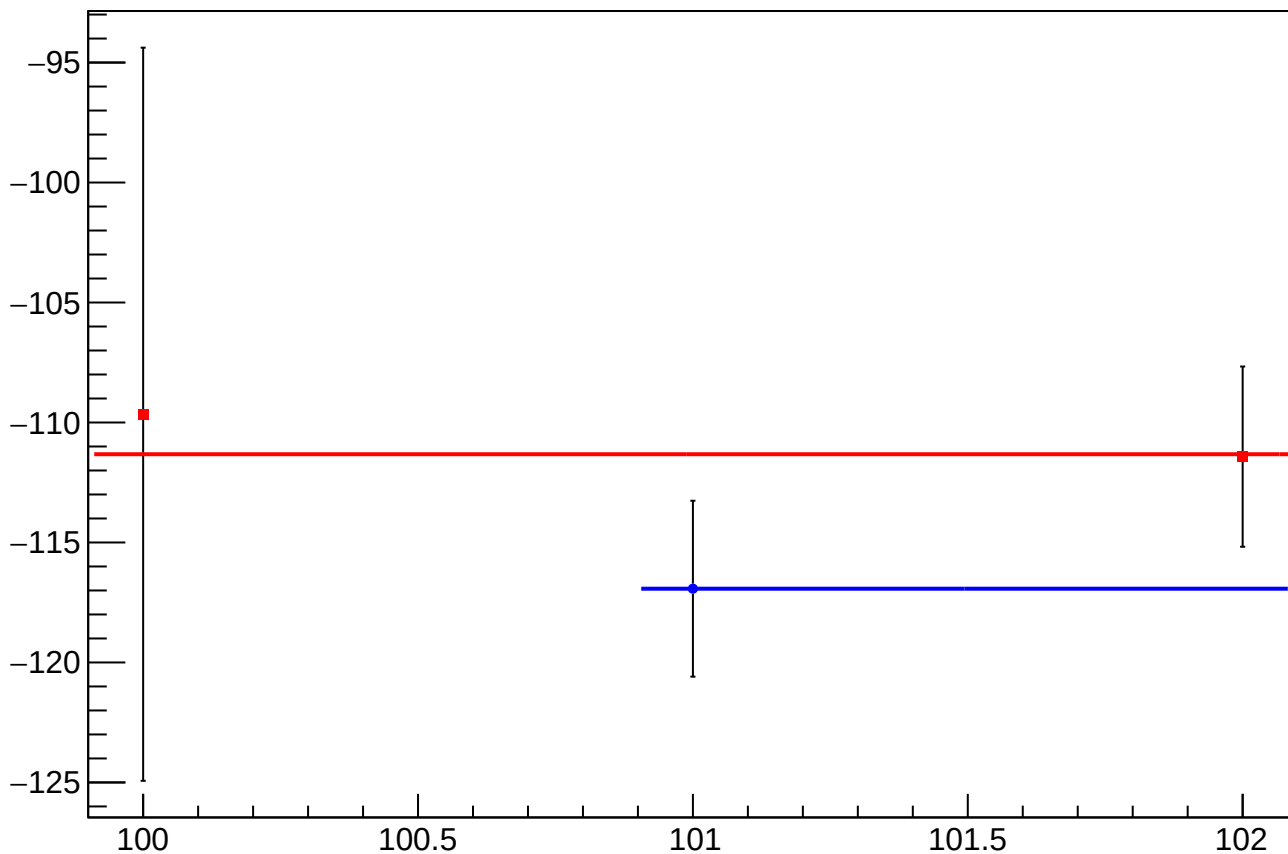
Right: -5.279+/-2.991 χ^2/NDF : 17.3/2

In: 3.057+/-3.826 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.279+/-2.991 χ^2/NDF : 17.3/2

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -116.926+/-3.665 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -111.322+/-3.647 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

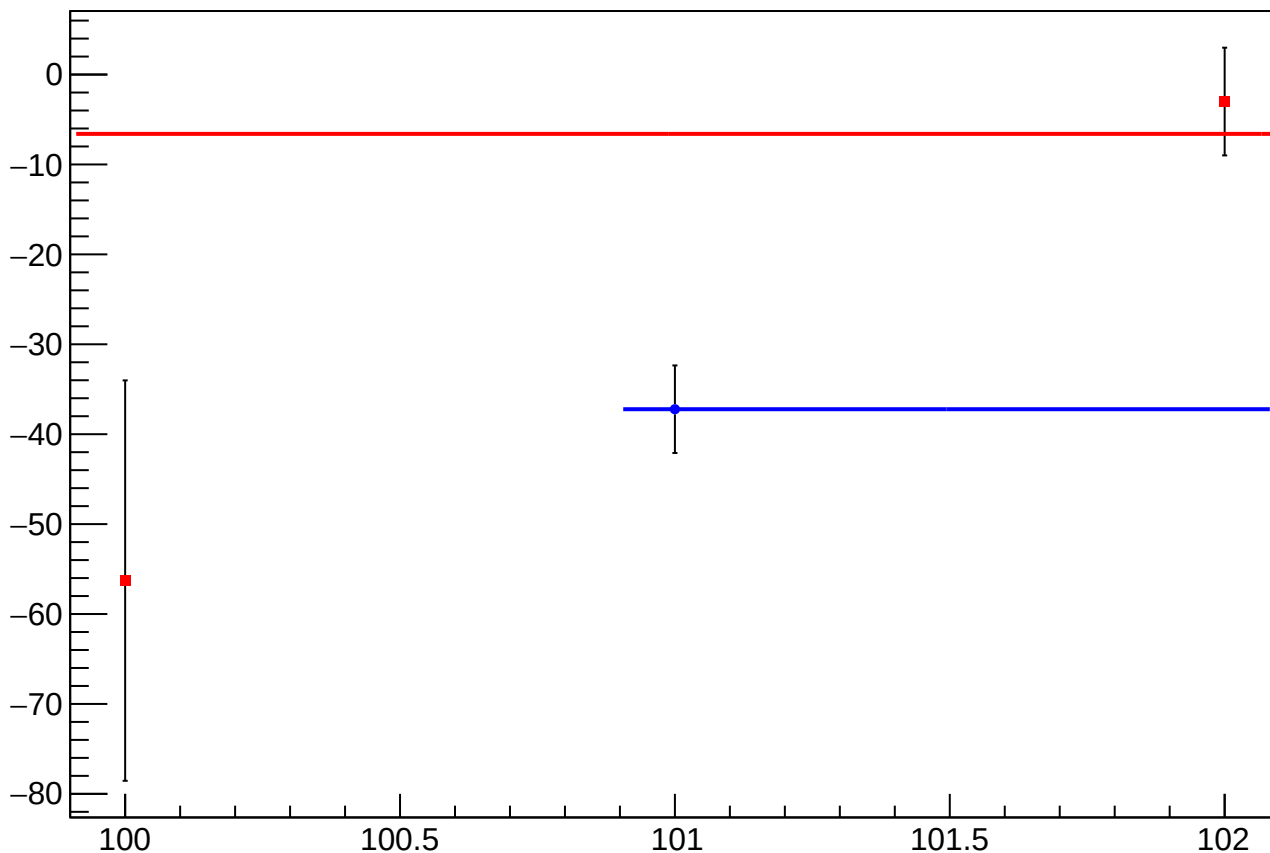
Right: -114.110+/-2.585 χ^2/NDF : 1.2/2

In: -116.926+/-3.665 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -114.110+/-2.585 χ^2/NDF : 1.2/2

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -37.221 $\pm$ 4.868 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -6.599 $\pm$ 5.785 χ^2 /NDF: 5.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

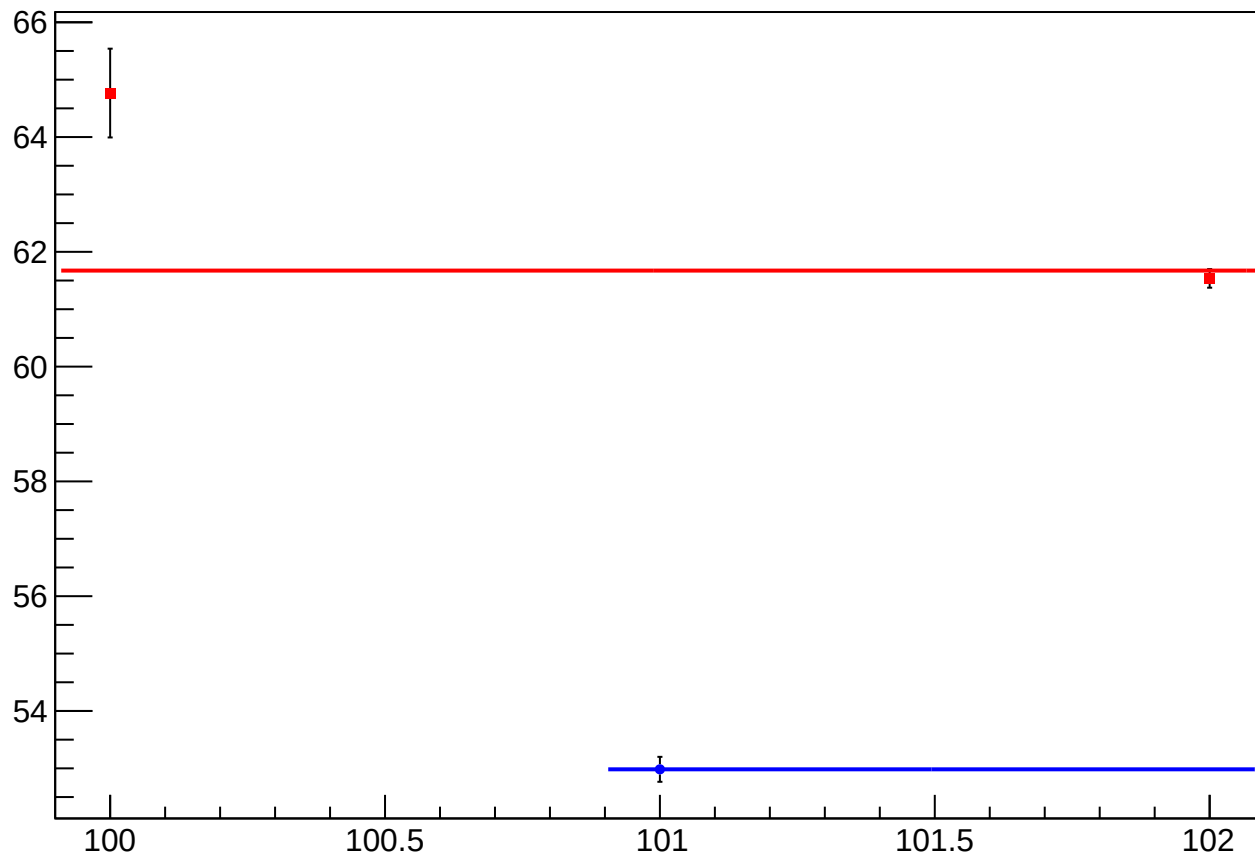
Right: -24.526 $\pm$ 3.725 χ^2 /NDF: 21.7/2

In: -37.221 $\pm$ 4.868 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -24.526 $\pm$ 3.725 χ^2 /NDF: 21.7/2

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 52.983 $\pm$ 0.217 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 61.673 $\pm$ 0.159 χ^2 /NDF: 16.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

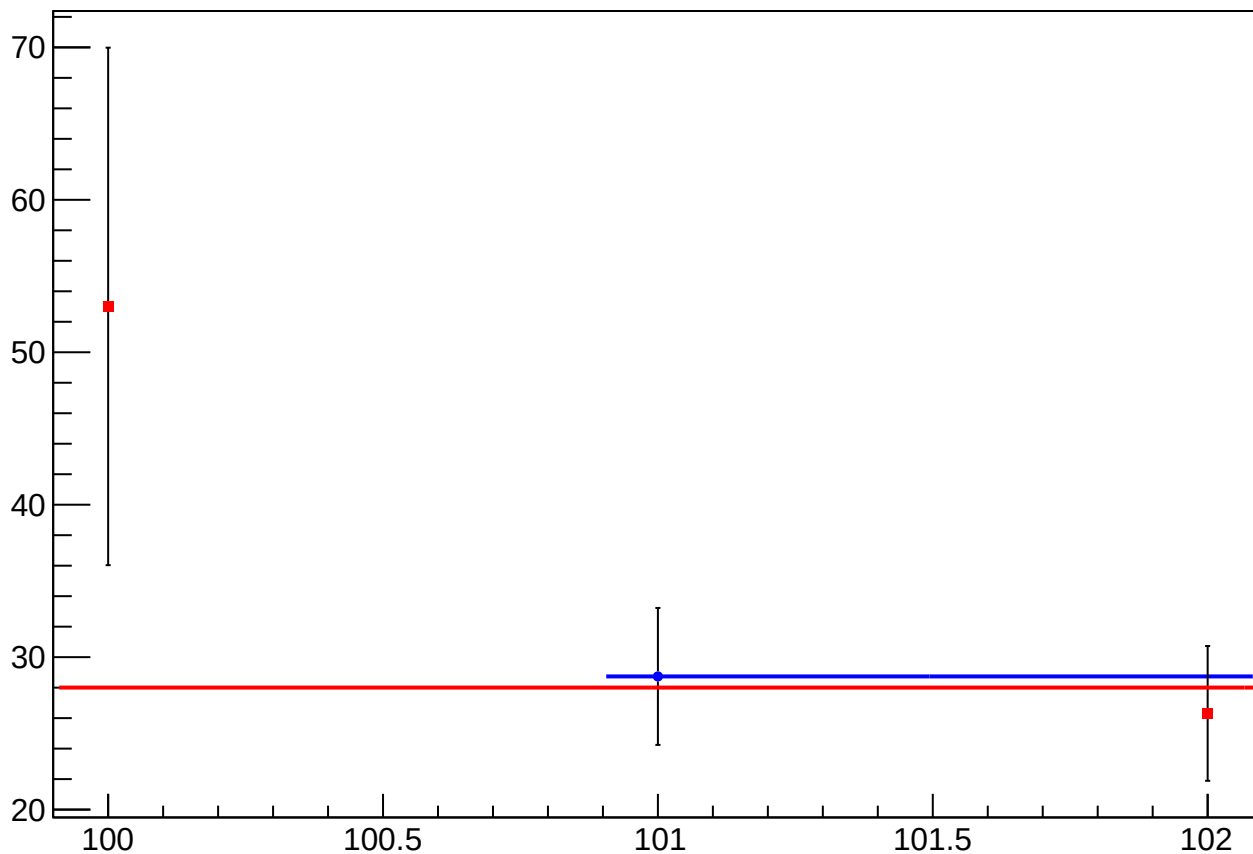
Right: 58.650 $\pm$ 0.128 χ^2 /NDF: 1058.8/2

In: 52.983 $\pm$ 0.217 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 58.650 $\pm$ 0.128 χ^2 /NDF: 1058.8/2

reg_asym_at1_dd_at2_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 28.736+/-4.492 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 28.005+/-4.277 χ^2 /NDF: 2.3/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

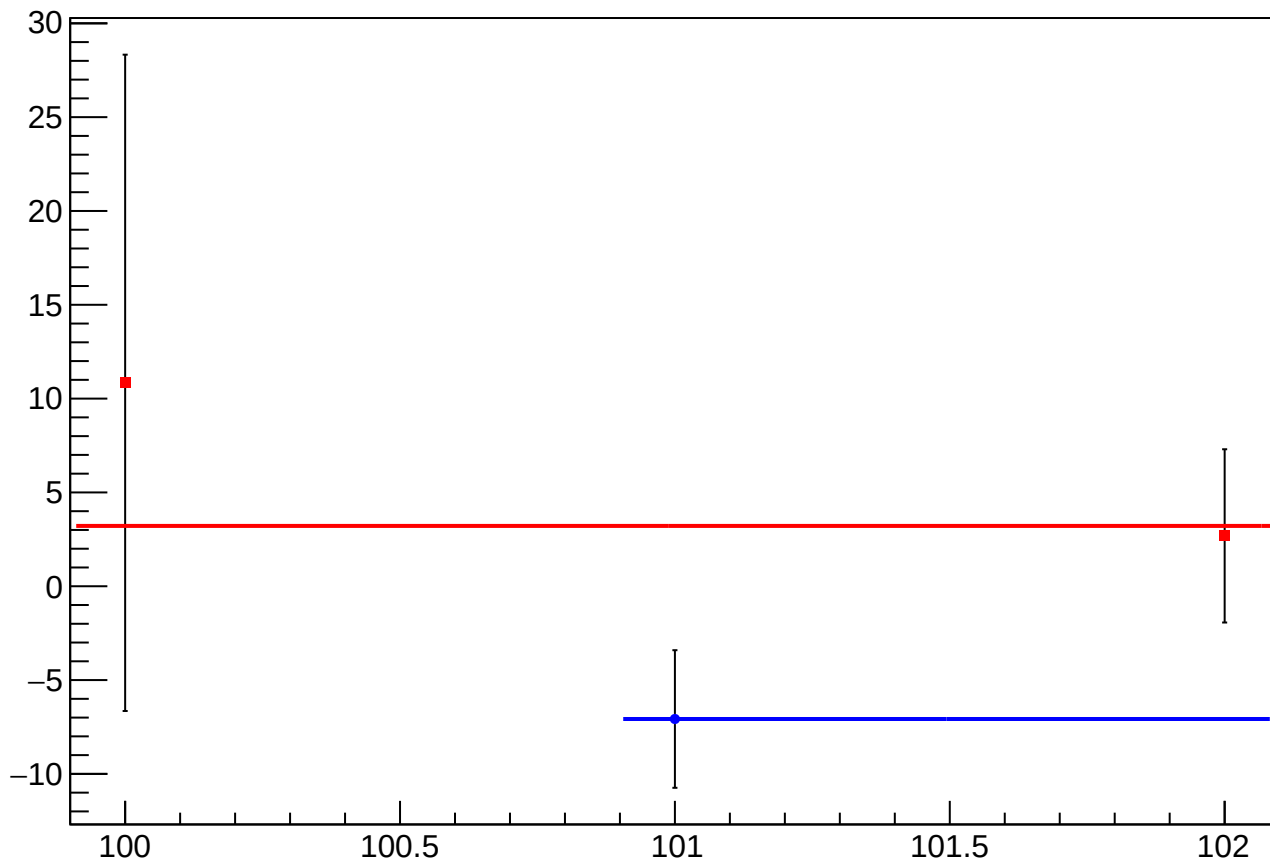
Right: 28.352+/-3.098 χ^2 /NDF: 2.3/2

In: 28.736+/-4.492 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 28.352+/-3.098 χ^2 /NDF: 2.3/2

reg_asym_at1_dd_at2_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.075+/-3.667 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.215+/-4.464 χ^2/NDF : 0.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

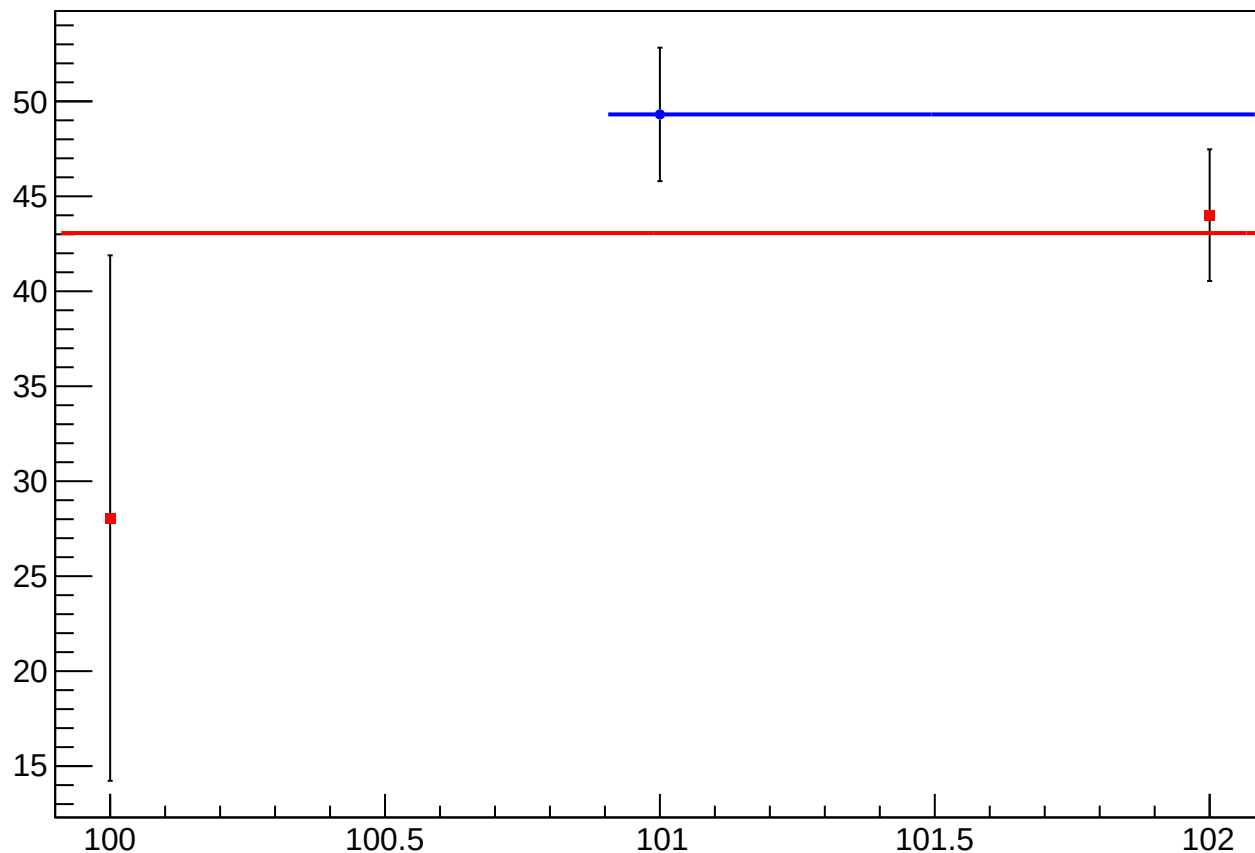
Right: -2.929+/-2.833 χ^2/NDF : 3.4/2

In: -7.075+/-3.667 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.929+/-2.833 χ^2/NDF : 3.4/2

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 49.311+/-3.514 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.066+/-3.361 χ^2/NDF : 1.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

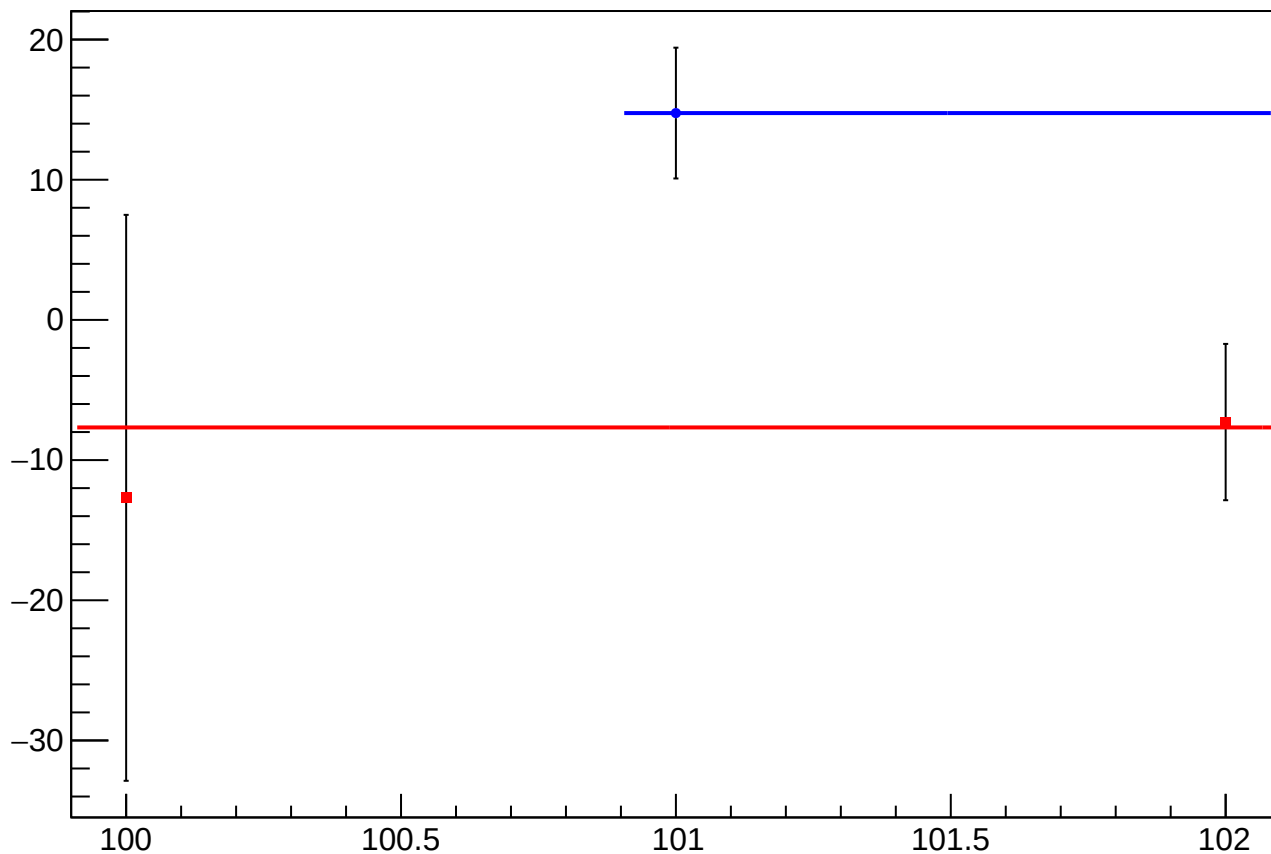
Right: 46.050+/-2.429 χ^2/NDF : 2.9/2

In: 49.311+/-3.514 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.050+/-2.429 χ^2/NDF : 2.9/2

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 14.755+/-4.666 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.671+/-5.374 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

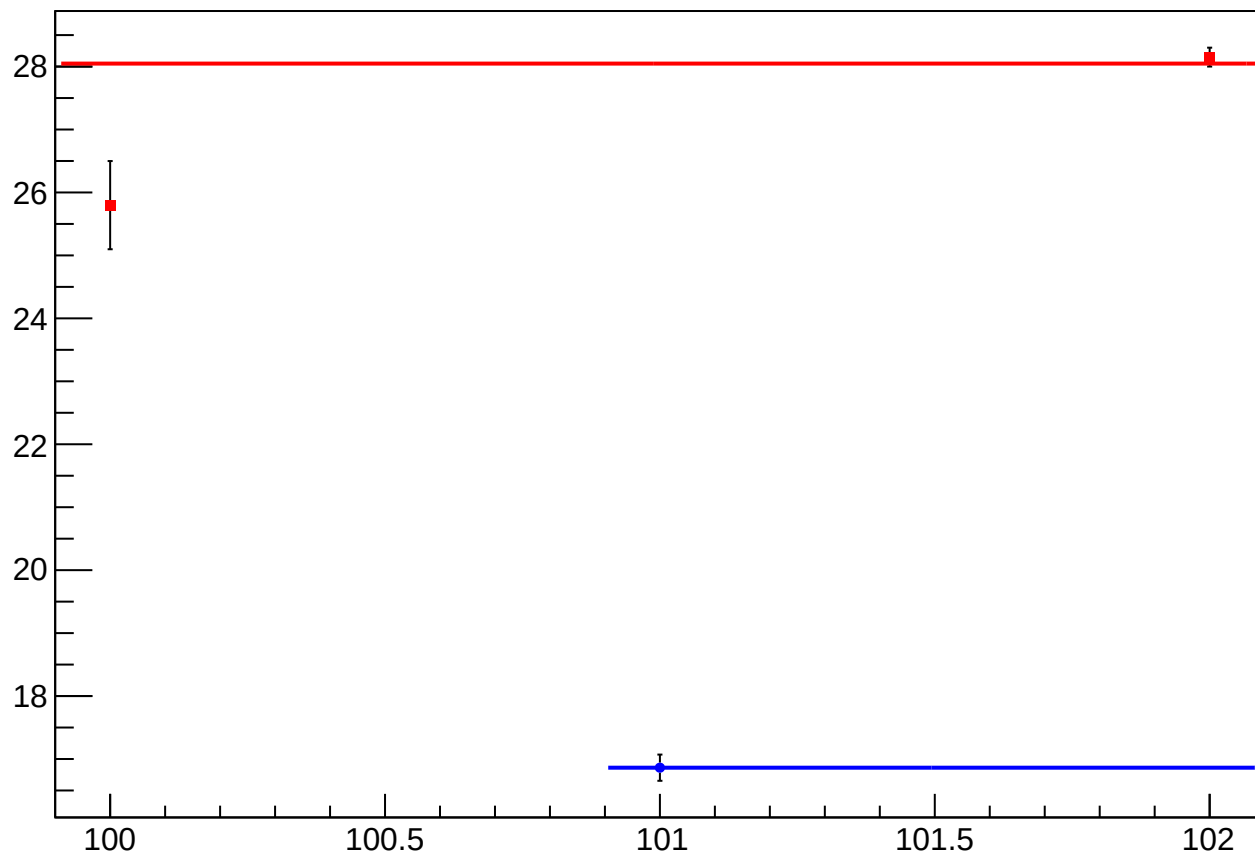
Right: 5.116+/-3.523 χ^2/NDF : 10.0/2

In: 14.755+/-4.666 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.116+/-3.523 χ^2/NDF : 10.0/2

reg_asym_at1_dd_at2_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 16.862 $\pm$ 0.208 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 28.047 $\pm$ 0.147 χ^2 /NDF: 10.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

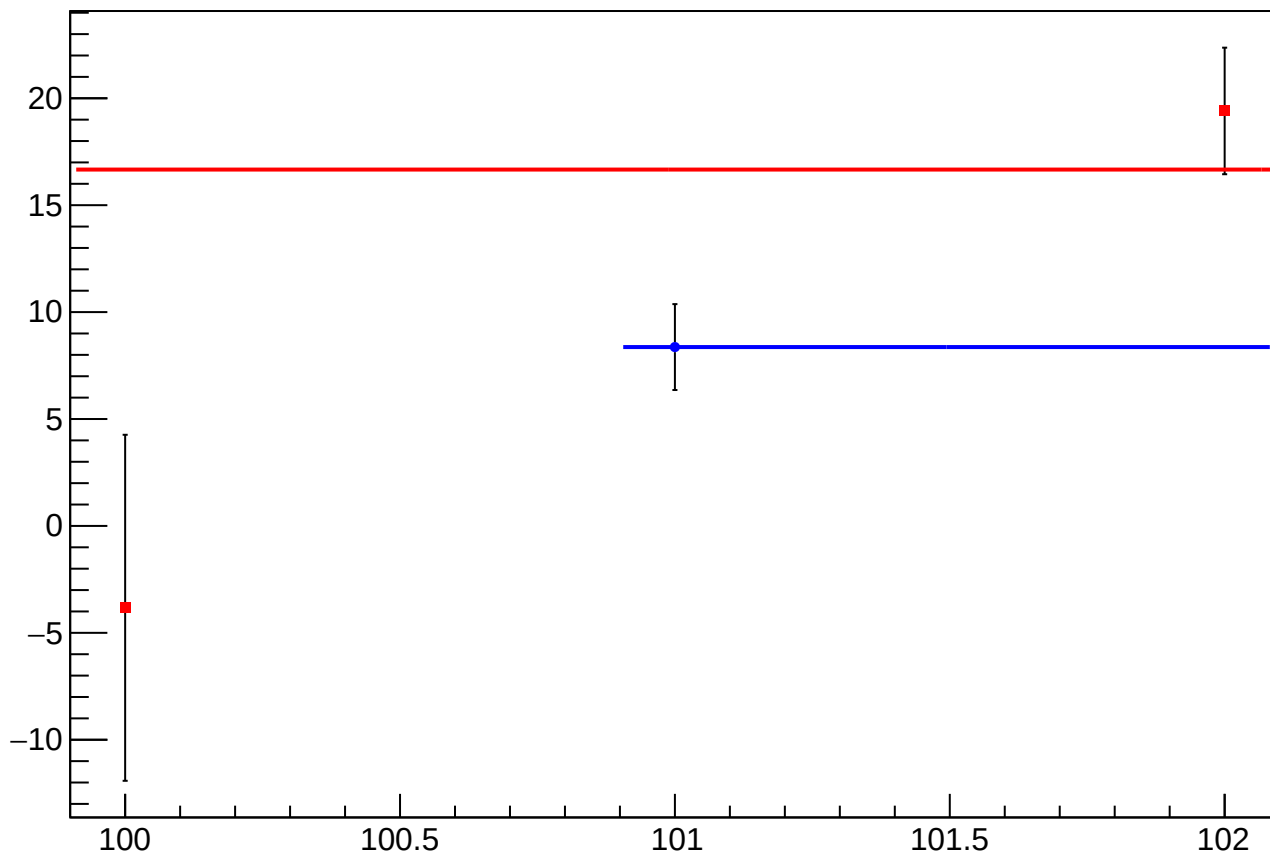
Right: 24.341 $\pm$ 0.120 χ^2 /NDF: 1939.9/2

In: 16.862 $\pm$ 0.208 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.341 $\pm$ 0.120 χ^2 /NDF: 1939.9/2

reg_asym_usl_atl1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 8.365 $\pm$ 2.008 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.666 $\pm$ 2.779 χ^2 /NDF: 7.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

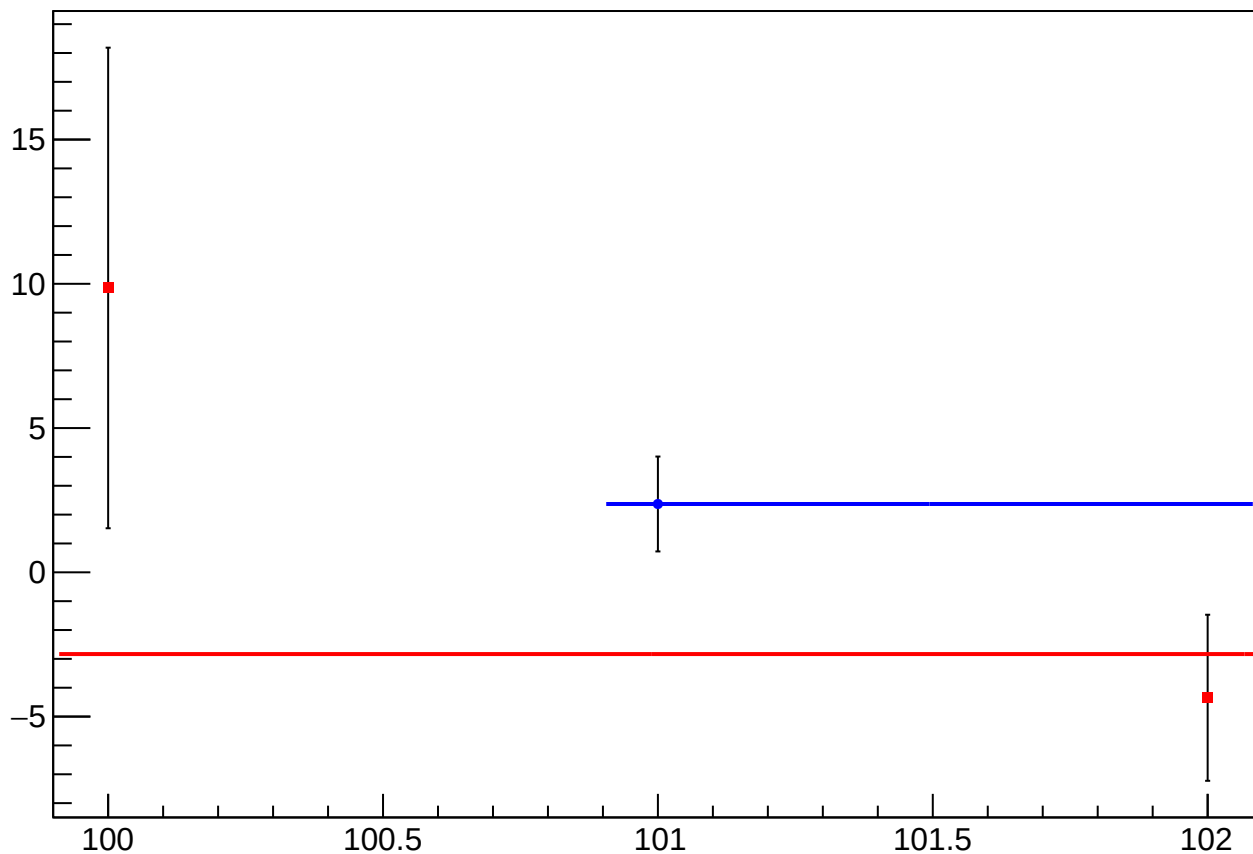
Right: 11.213 $\pm$ 1.628 χ^2 /NDF: 13.1/2

In: 8.365 $\pm$ 2.008 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.213 $\pm$ 1.628 χ^2 /NDF: 13.1/2

reg_asym_usl_atl1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.368+/-1.644 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.833+/-2.720 χ^2/NDF : 2.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

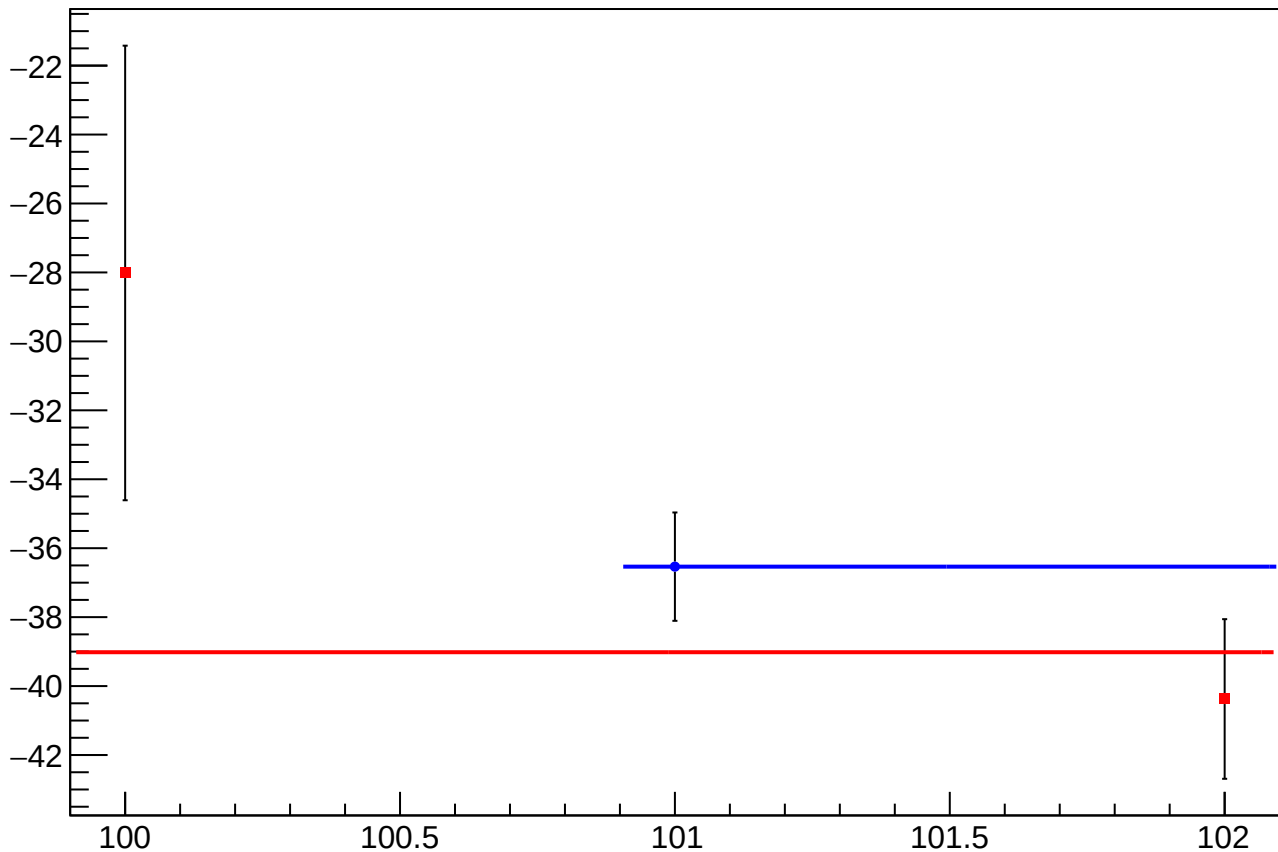
Right: 0.976+/-1.407 χ^2/NDF : 5.3/2

In: 2.368+/-1.644 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.976+/-1.407 χ^2/NDF : 5.3/2

reg_asym_usl_atl1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -36.535+/-1.572 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -39.018+/-2.185 χ^2/NDF : 3.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

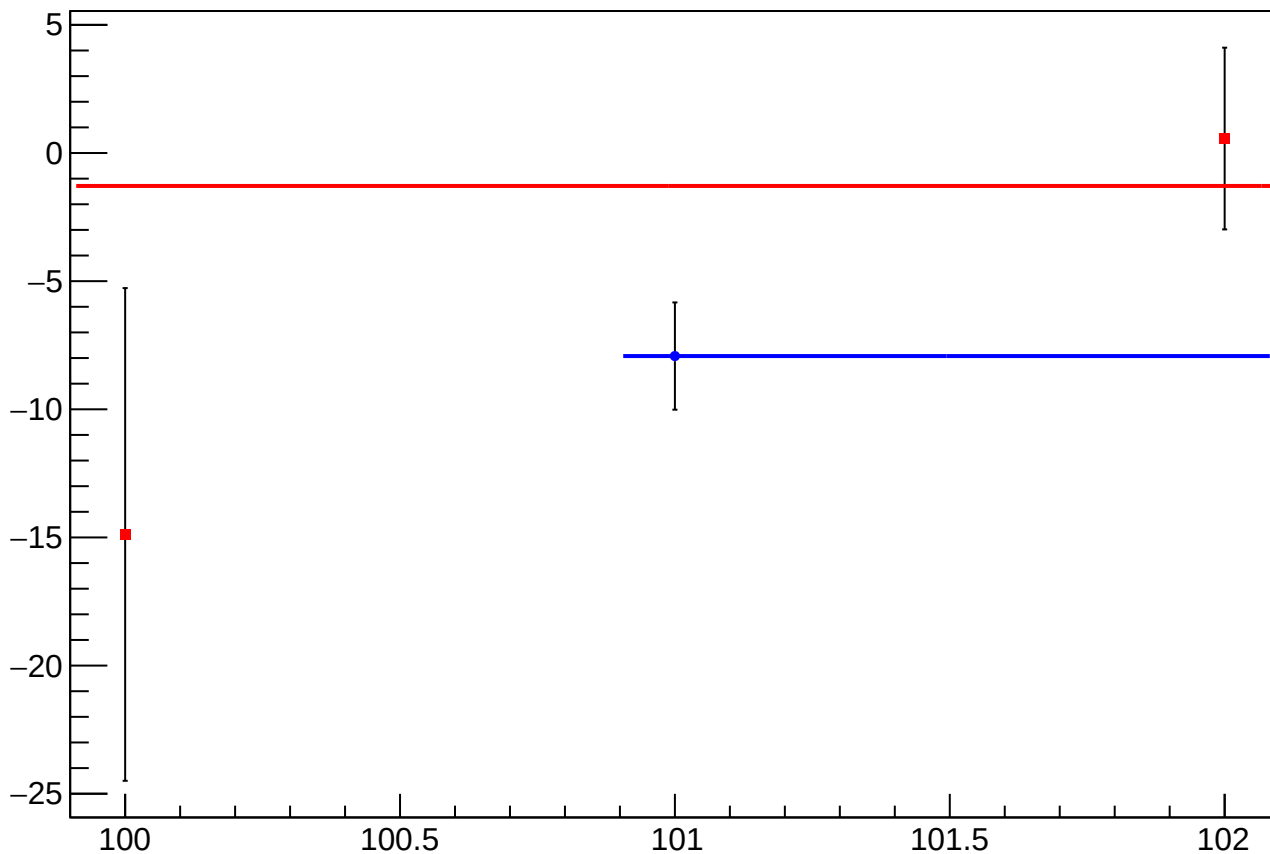
Right: -37.382+/-1.276 χ^2/NDF : 4.0/2

In: -36.535+/-1.572 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.382+/-1.276 χ^2/NDF : 4.0/2

reg_asym_usl_atl1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -7.922+/-2.092 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.285+/-3.327 χ^2/NDF : 2.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

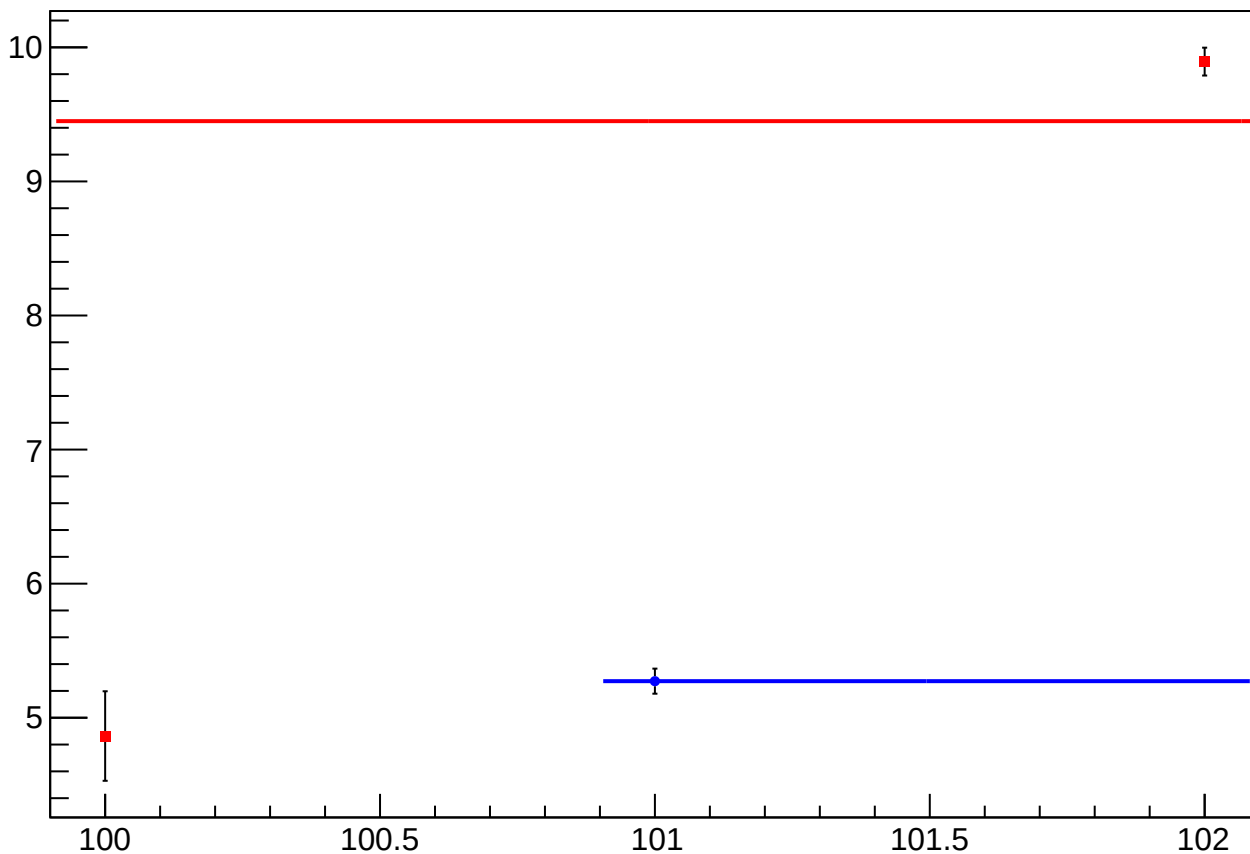
Right: -6.041+/-1.771 χ^2/NDF : 5.1/2

In: -7.922+/-2.092 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.041+/-1.771 χ^2/NDF : 5.1/2

reg_asym_usl_atl1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 5.273+/-0.093 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.450+/-0.099 χ^2/NDF : 206.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

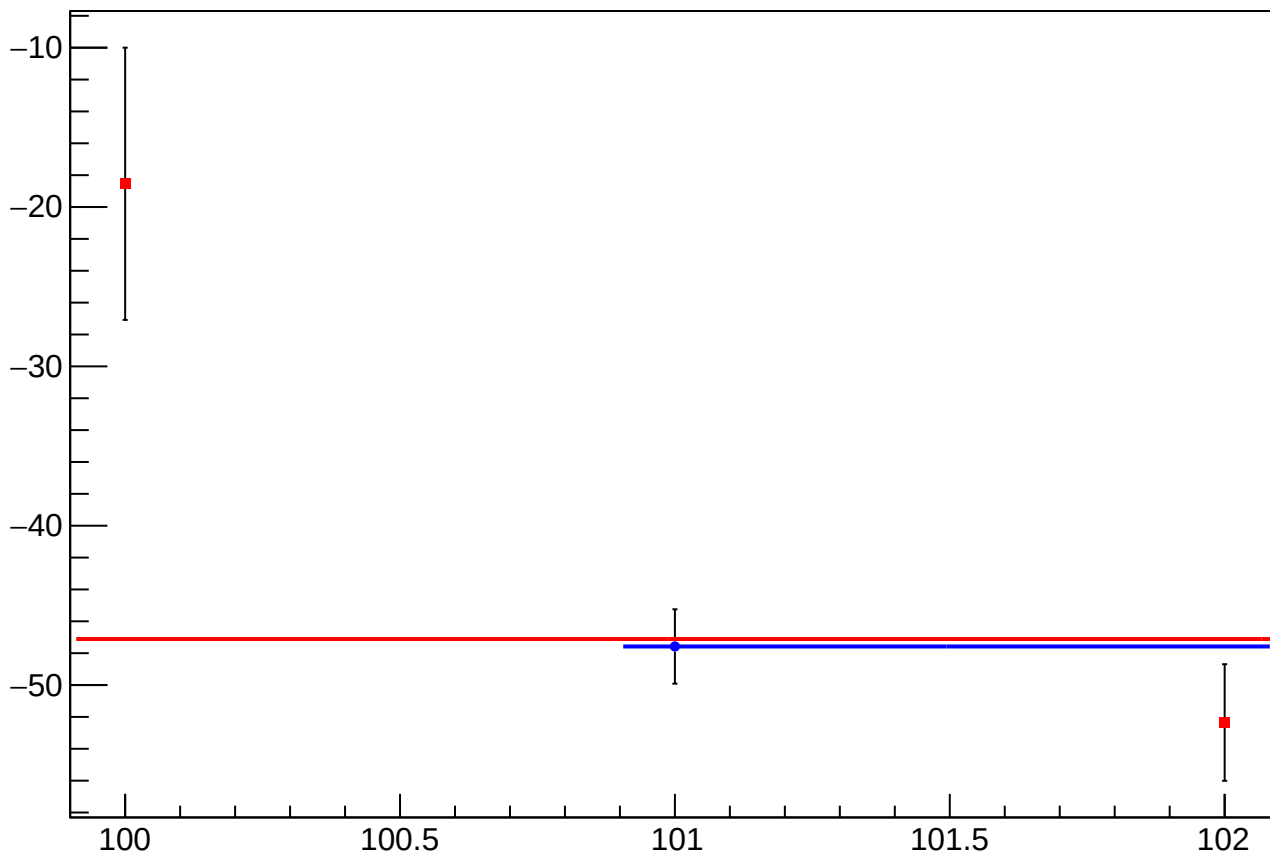
Right: 7.236+/-0.068 χ^2/NDF : 1146.2/2

In: 5.273+/-0.093 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.236+/-0.068 χ^2/NDF : 1146.2/2

reg_asym_usl_atl1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -47.579 $\pm$ 2.335 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -47.110 $\pm$ 3.363 χ^2 /NDF: 13.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

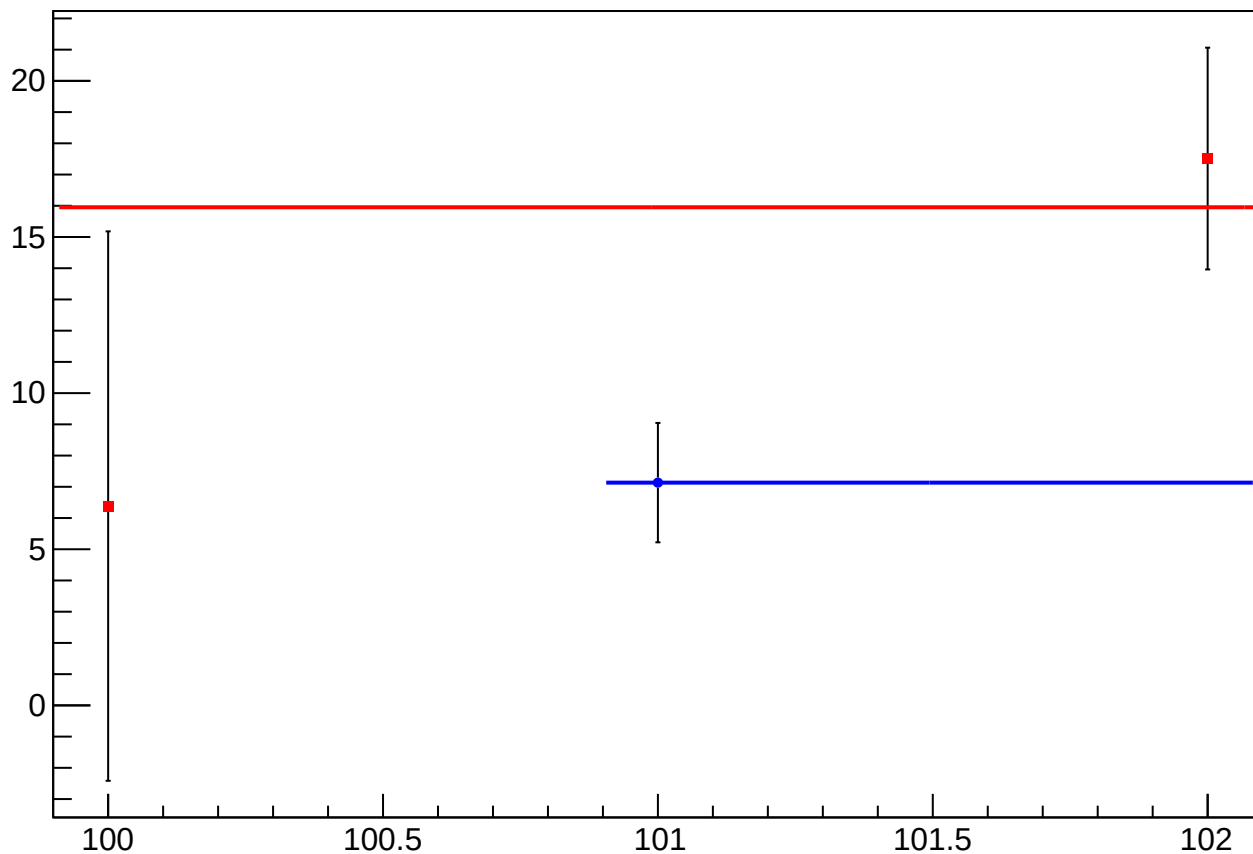
Right: -47.427 $\pm$ 1.918 χ^2 /NDF: 13.3/2

In: -47.579 $\pm$ 2.335 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -47.427 $\pm$ 1.918 χ^2 /NDF: 13.3/2

reg_asym_usl_atl1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.133 $\pm$ 1.911 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 15.952 $\pm$ 3.293 χ^2 /NDF: 1.4/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

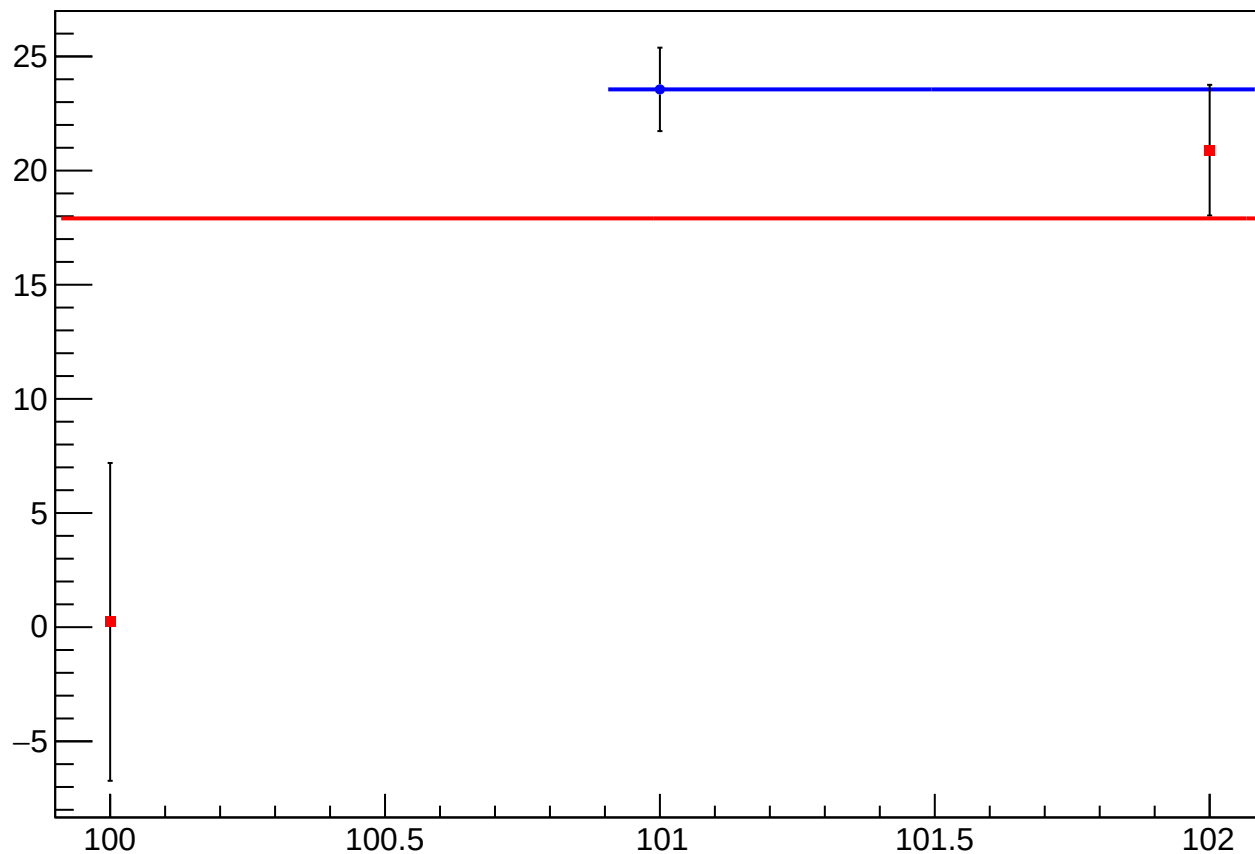
Right: 9.356 $\pm$ 1.653 χ^2 /NDF: 6.7/2

In: 7.133 $\pm$ 1.911 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 9.356 $\pm$ 1.653 χ^2 /NDF: 6.7/2

reg_asym_usl_atl1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 23.557 $\pm$ 1.827 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.906 $\pm$ 2.647 χ^2 /NDF: 7.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

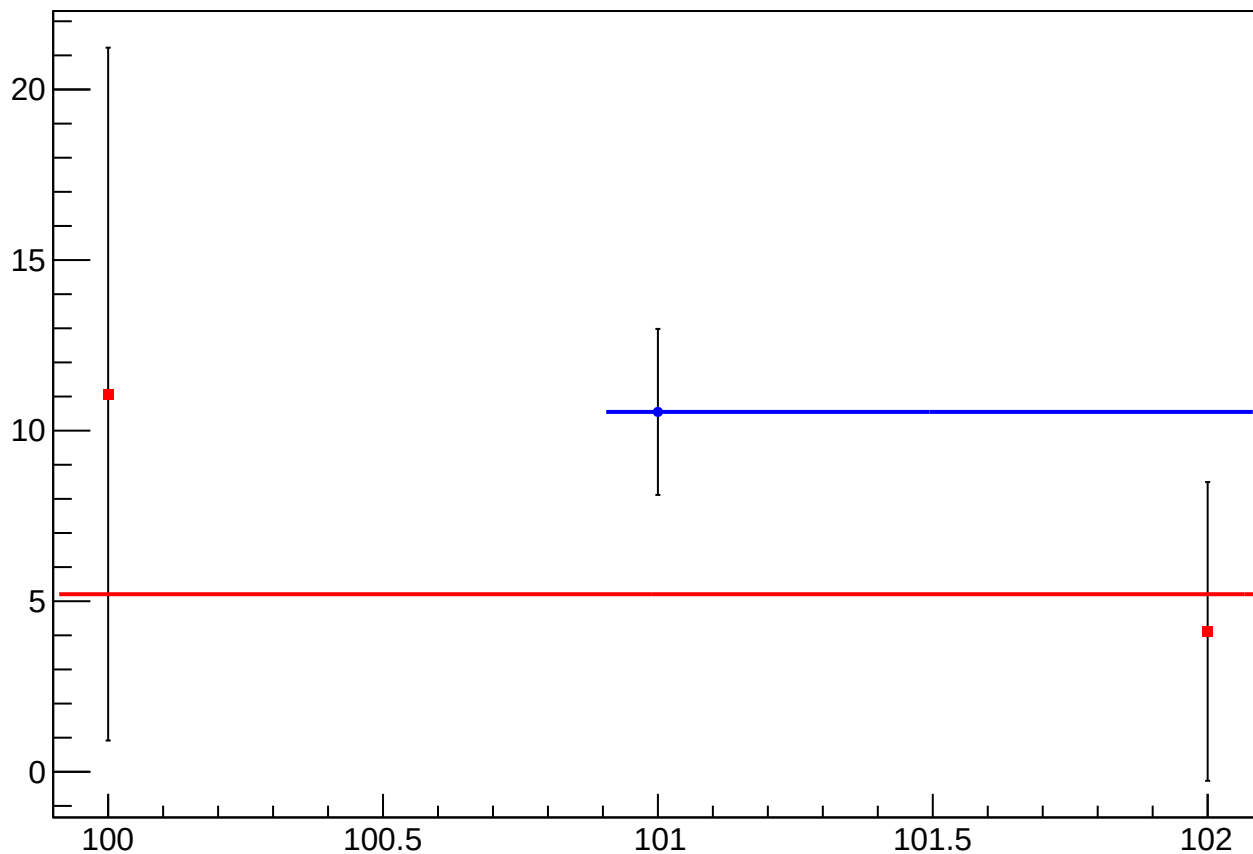
Right: 21.734 $\pm$ 1.504 χ^2 /NDF: 10.6/2

In: 23.557 $\pm$ 1.827 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.734 $\pm$ 1.504 χ^2 /NDF: 10.6/2

reg_asym_usl_atl1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.549 $\pm$ 2.433 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 5.205 $\pm$ 4.021 χ^2/NDF : 0.4/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

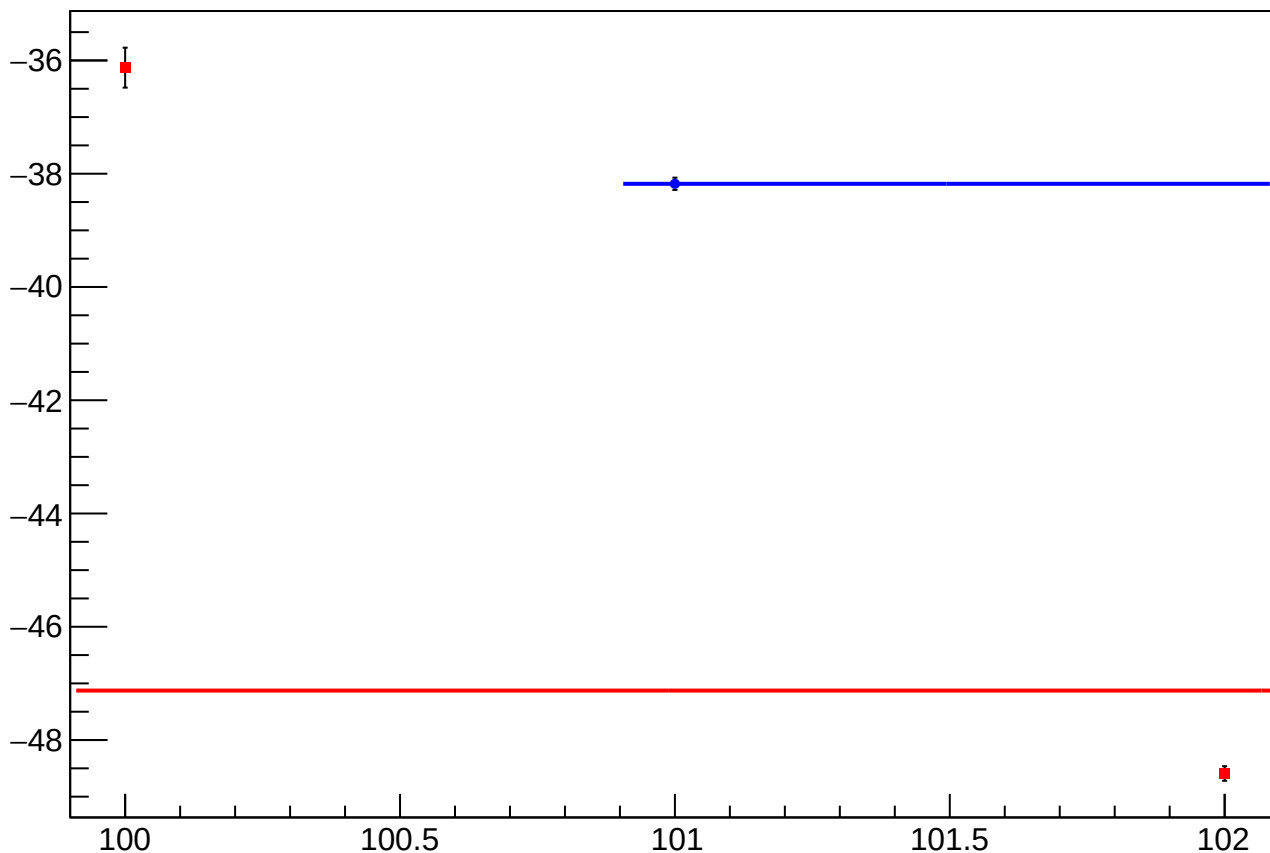
Right: 9.117 $\pm$ 2.082 χ^2/NDF : 1.7/2

In: 10.549 $\pm$ 2.433 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 9.117 $\pm$ 2.082 χ^2/NDF : 1.7/2

reg_asym_usl_atl1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.178+/-0.109 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -47.127+/-0.121 χ^2/NDF : 1102.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

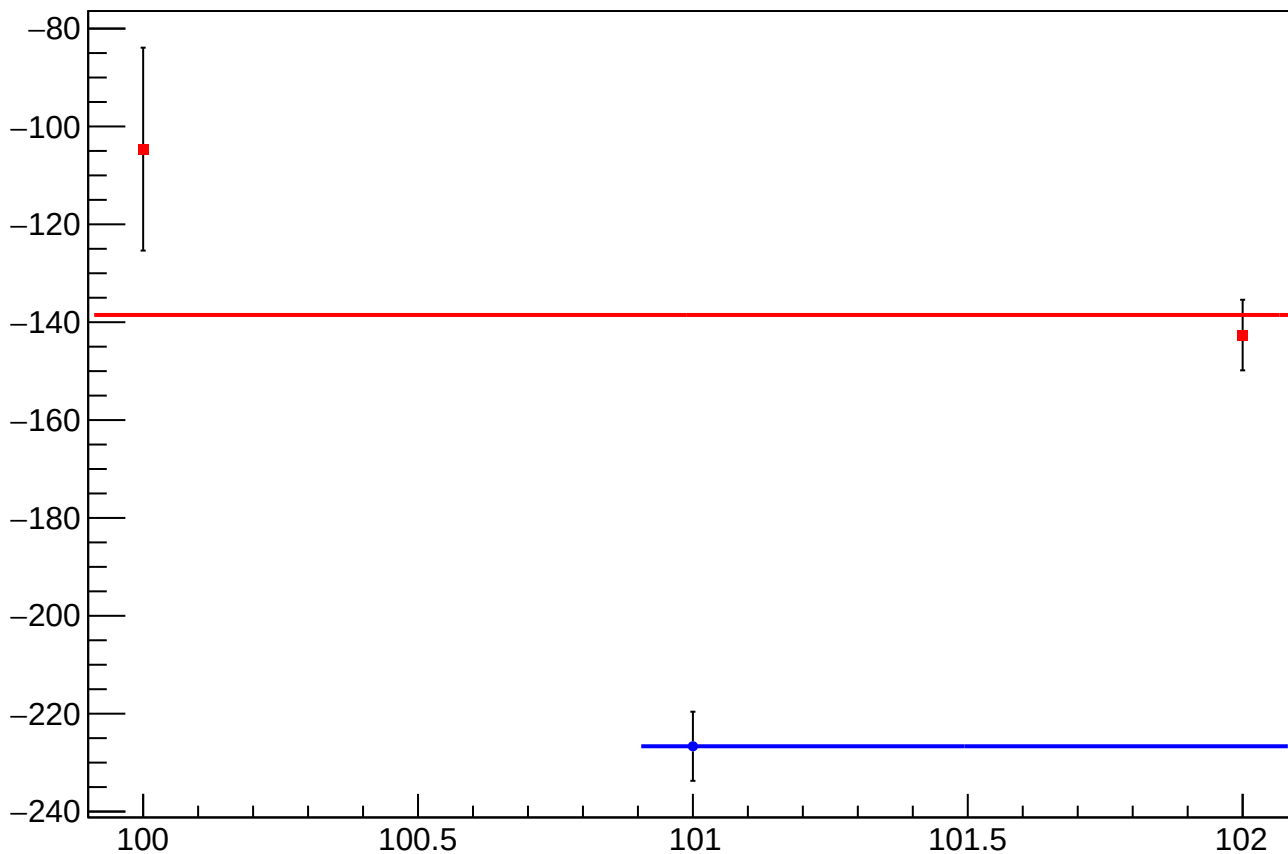
Right: -42.184+/-0.081 χ^2/NDF : 4130.0/2

In: -38.178+/-0.109 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.184+/-0.081 χ^2/NDF : 4130.0/2

reg_asym_usl_atl2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -226.659+/-7.058 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -138.522+/-6.813 χ^2 /NDF: 3.0/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

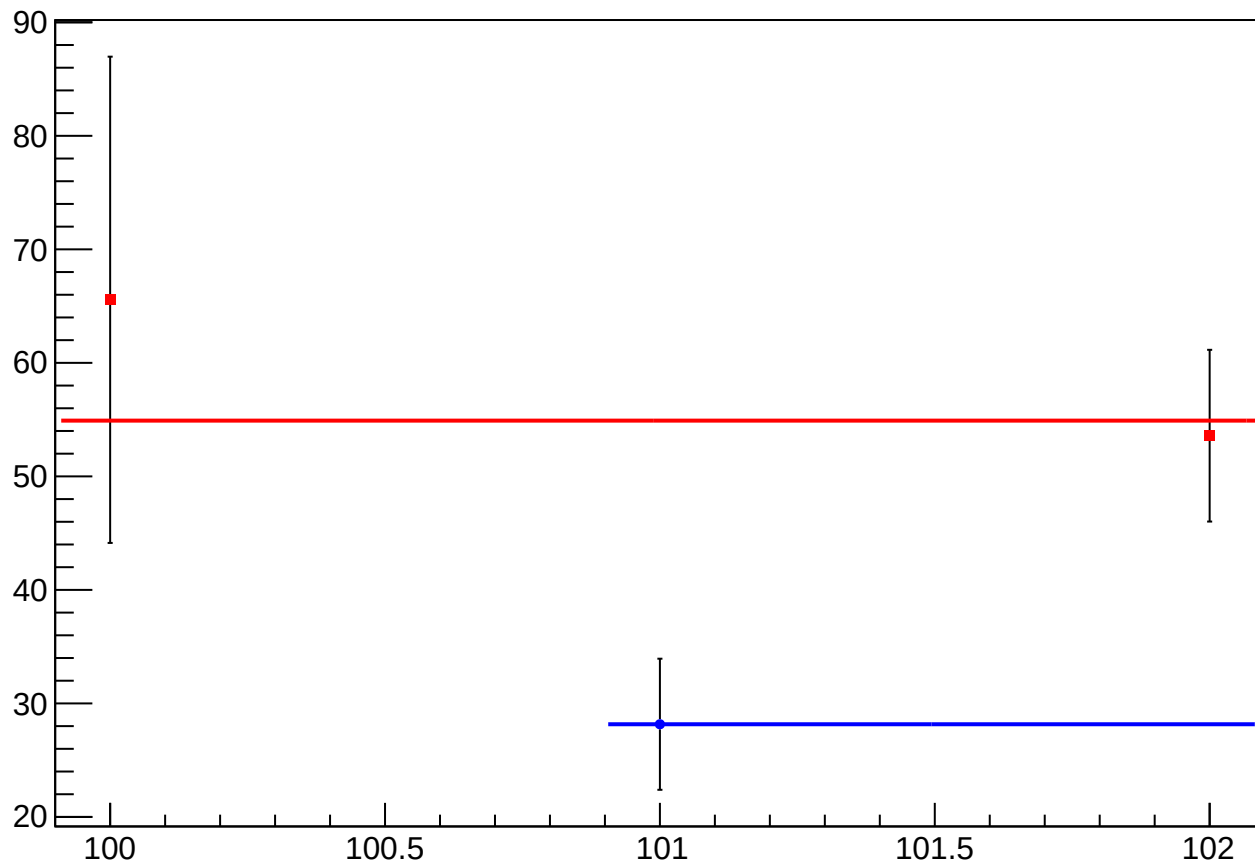
Right: -181.033+/-4.902 χ^2 /NDF: 83.7/2

In: -226.659+/-7.058 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -181.033+/-4.902 χ^2 /NDF: 83.7/2

reg_asym_usl_atl2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 28.165+/-5.774 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.912+/-7.133 χ^2/NDF : 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

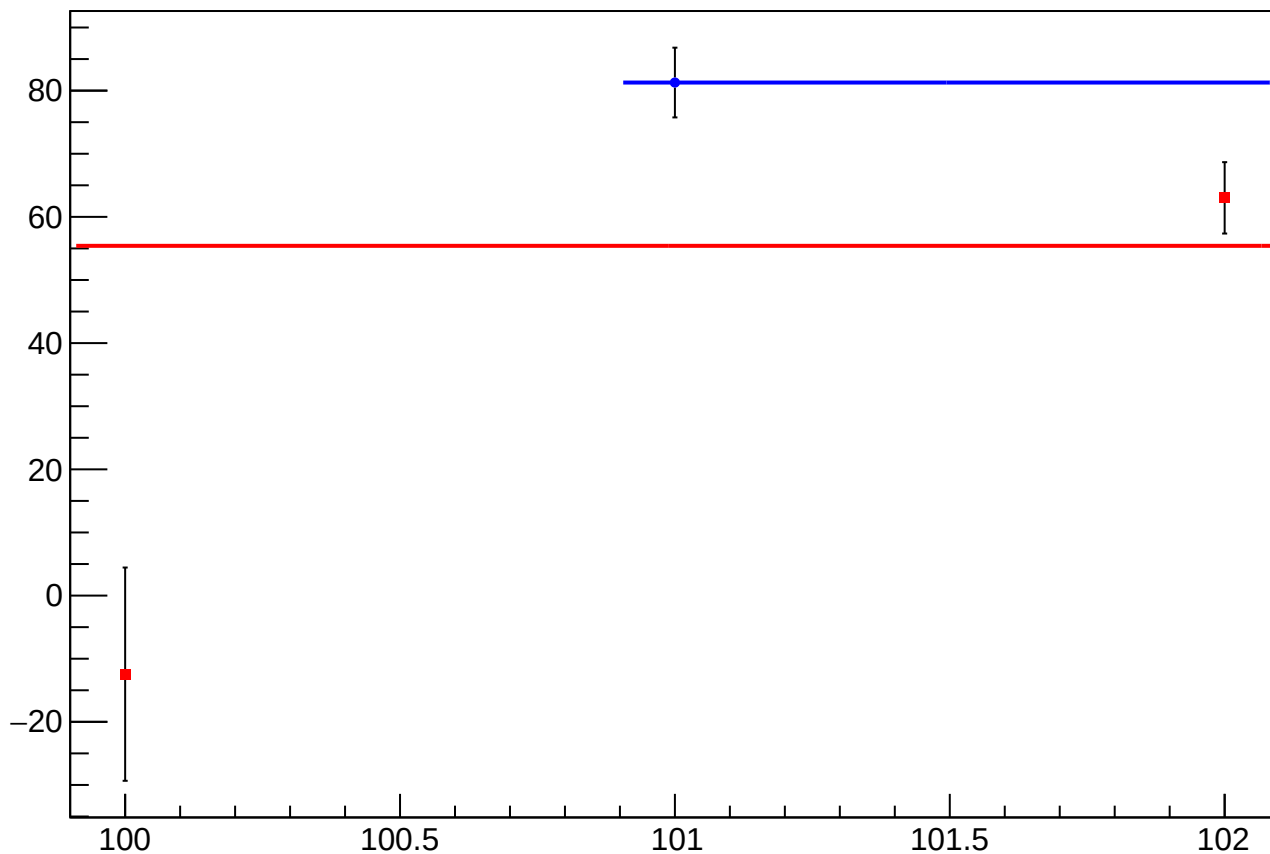
Right: 38.754+/-4.488 χ^2/NDF : 8.8/2

In: 28.165+/-5.774 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.754+/-4.488 χ^2/NDF : 8.8/2

reg_asym_usl_atl2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 81.281+/-5.525 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.411+/-5.362 χ^2/NDF : 17.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

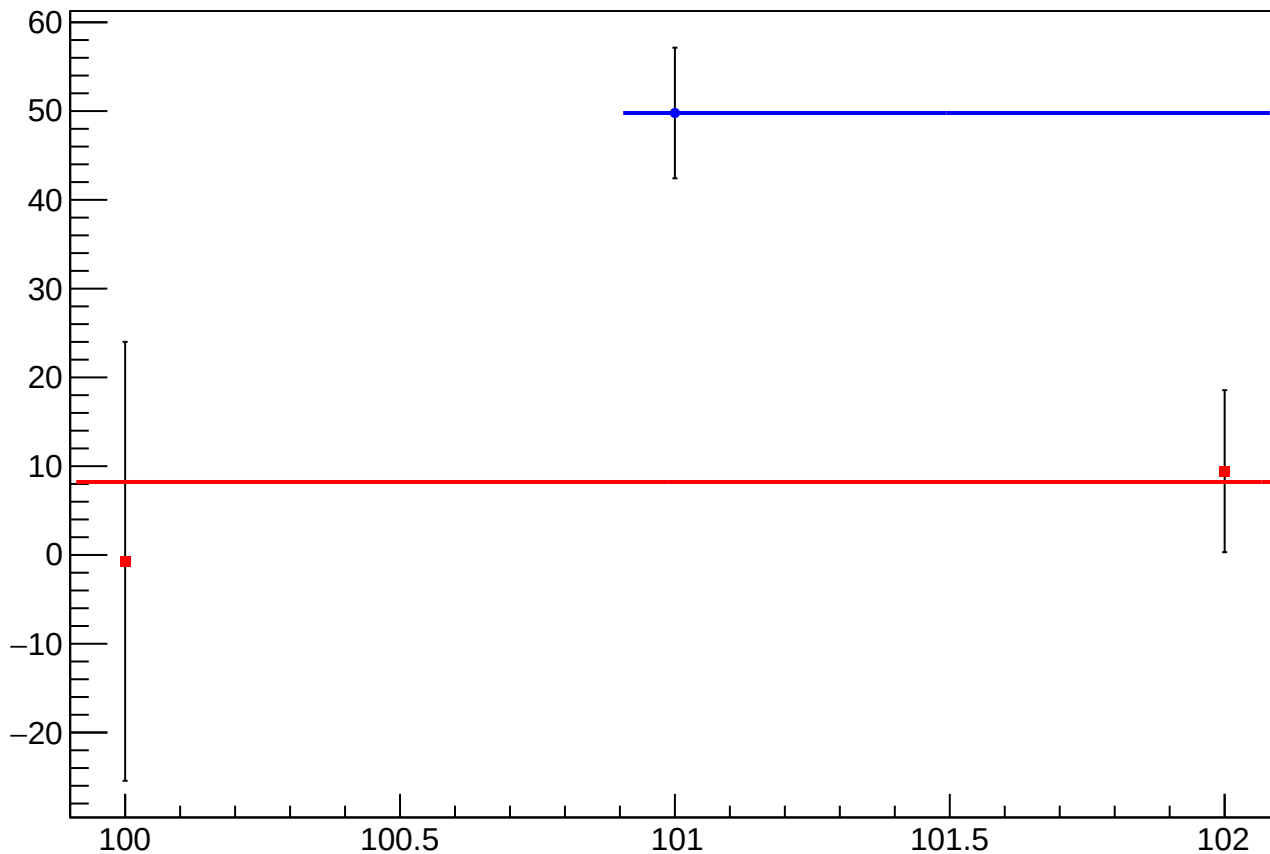
Right: 67.959+/-3.848 χ^2/NDF : 29.2/2

In: 81.281+/-5.525 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.959+/-3.848 χ^2/NDF : 29.2/2

reg_asym_usl_atl2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 49.784+/-7.357 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.221+/-8.561 χ^2/NDF : 0.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

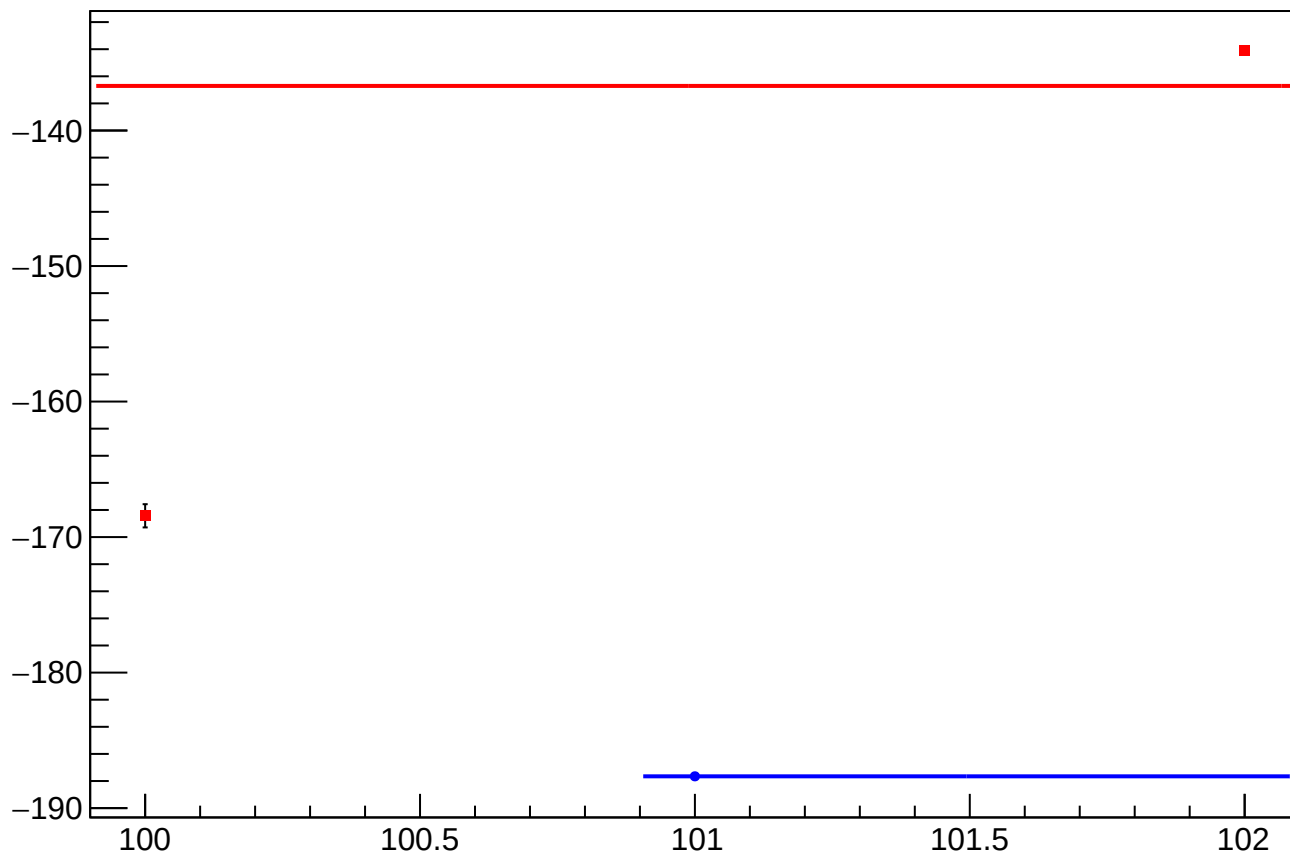
Right: 32.127+/-5.580 χ^2/NDF : 13.7/2

In: 49.784+/-7.357 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.127+/-5.580 χ^2/NDF : 13.7/2

reg_asym_usl_atl2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -187.654 $\pm$ 0.330 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -136.710 $\pm$ 0.235 χ^2/NDF : 1481.2/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

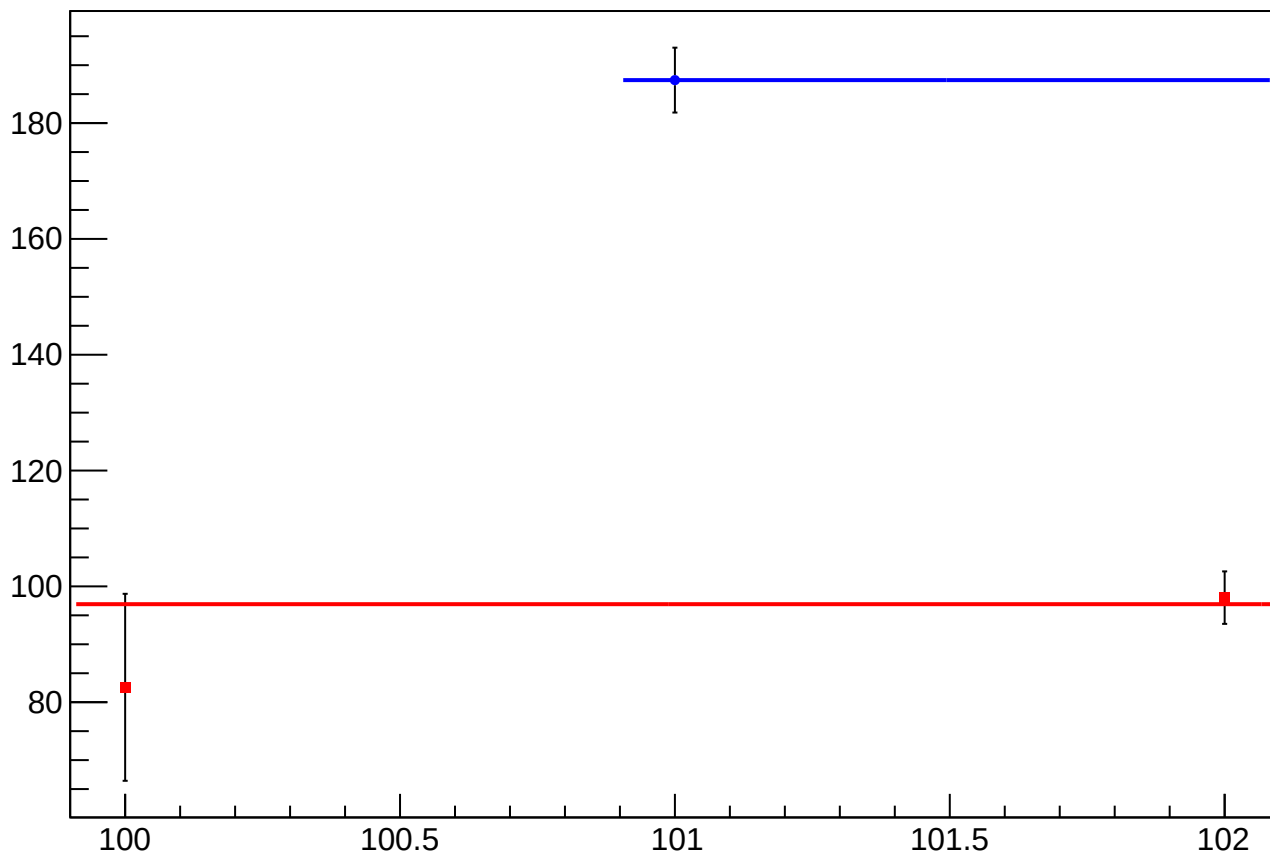
Right: -153.851 $\pm$ 0.191 χ^2/NDF : 17297.6/2

In: -187.654 $\pm$ 0.330 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -153.851 $\pm$ 0.191 χ^2/NDF : 17297.6/2

reg_asym_usl_atl2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 187.422 $\pm$ 5.601 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 96.926 $\pm$ 4.363 χ^2 /NDF: 0.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

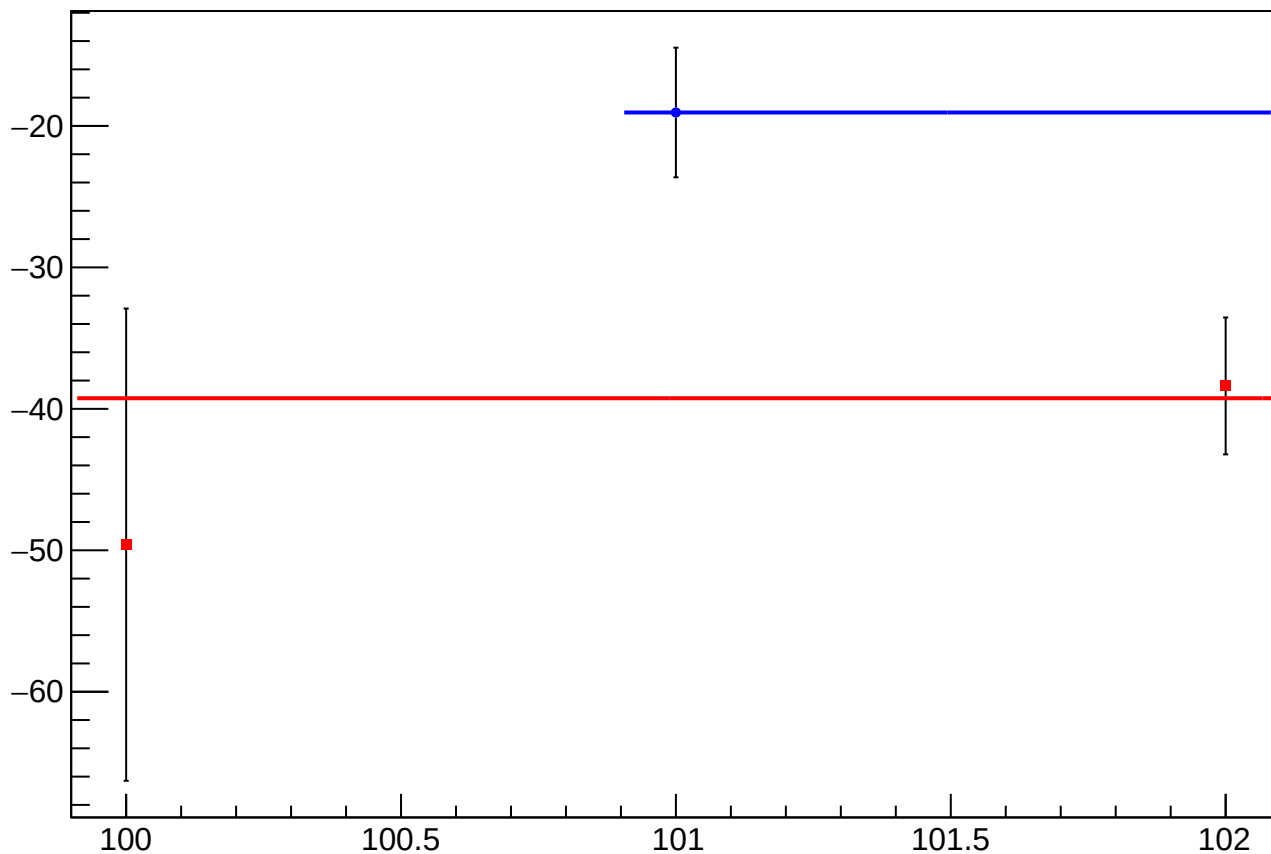
Right: 131.102 $\pm$ 3.442 χ^2 /NDF: 163.3/2

In: 187.422 $\pm$ 5.601 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 131.102 $\pm$ 3.442 χ^2 /NDF: 163.3/2

reg_asym_usl_atl2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -19.049 ± 4.582 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -39.251 ± 4.648 $\chi^2/\text{NDF}: 0.4/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

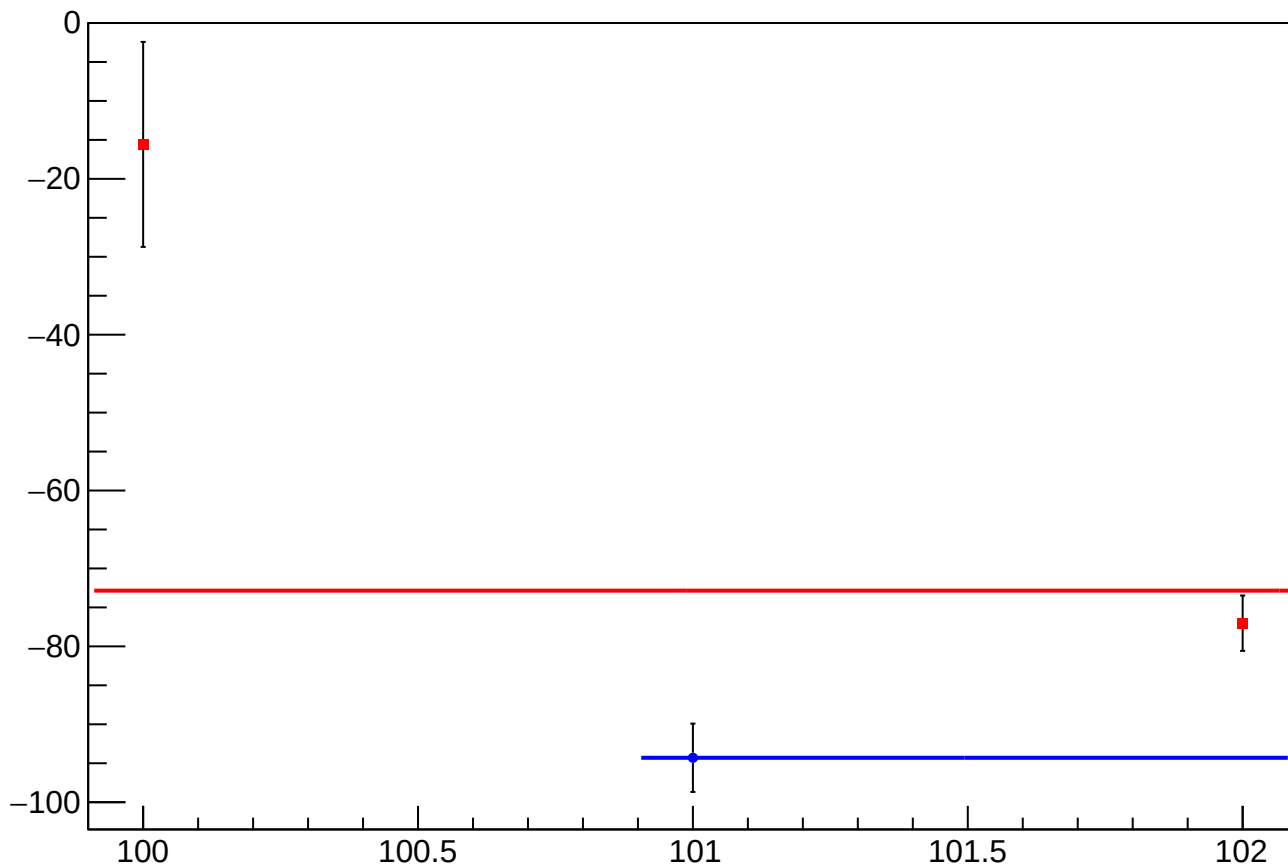
Right: -29.007 ± 3.263 $\chi^2/\text{NDF}: 10.0/2$

In: -19.049 ± 4.582 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -29.007 ± 3.263 $\chi^2/\text{NDF}: 10.0/2$

reg_asym_usl_atl2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -94.299+/-4.385 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -72.846+/-3.431 χ^2/NDF : 20.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

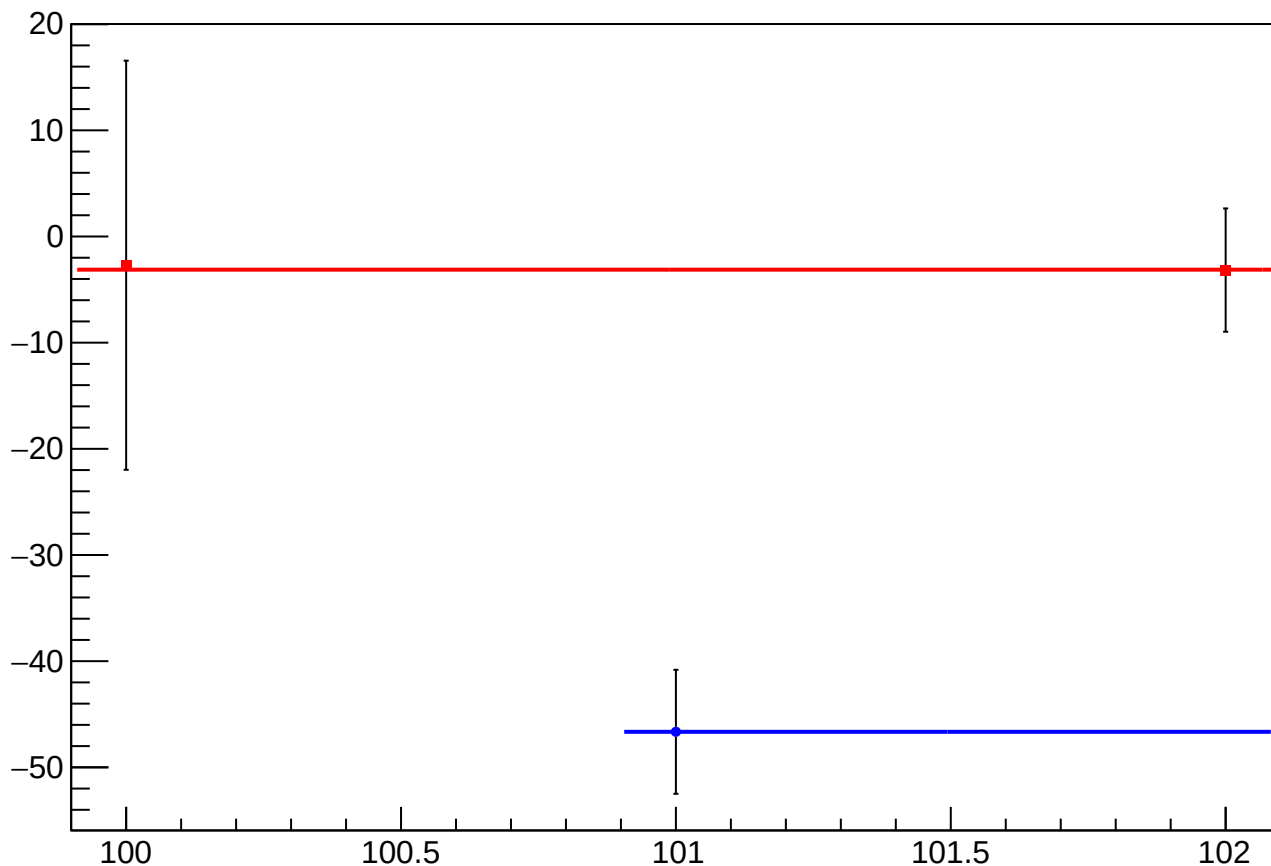
Right: -80.993+/-2.702 χ^2/NDF : 35.2/2

In: -94.299+/-4.385 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -80.993+/-2.702 χ^2/NDF : 35.2/2

reg_asym_usl_atl2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -46.654 $\pm$ 5.839 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.125 $\pm$ 5.560 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

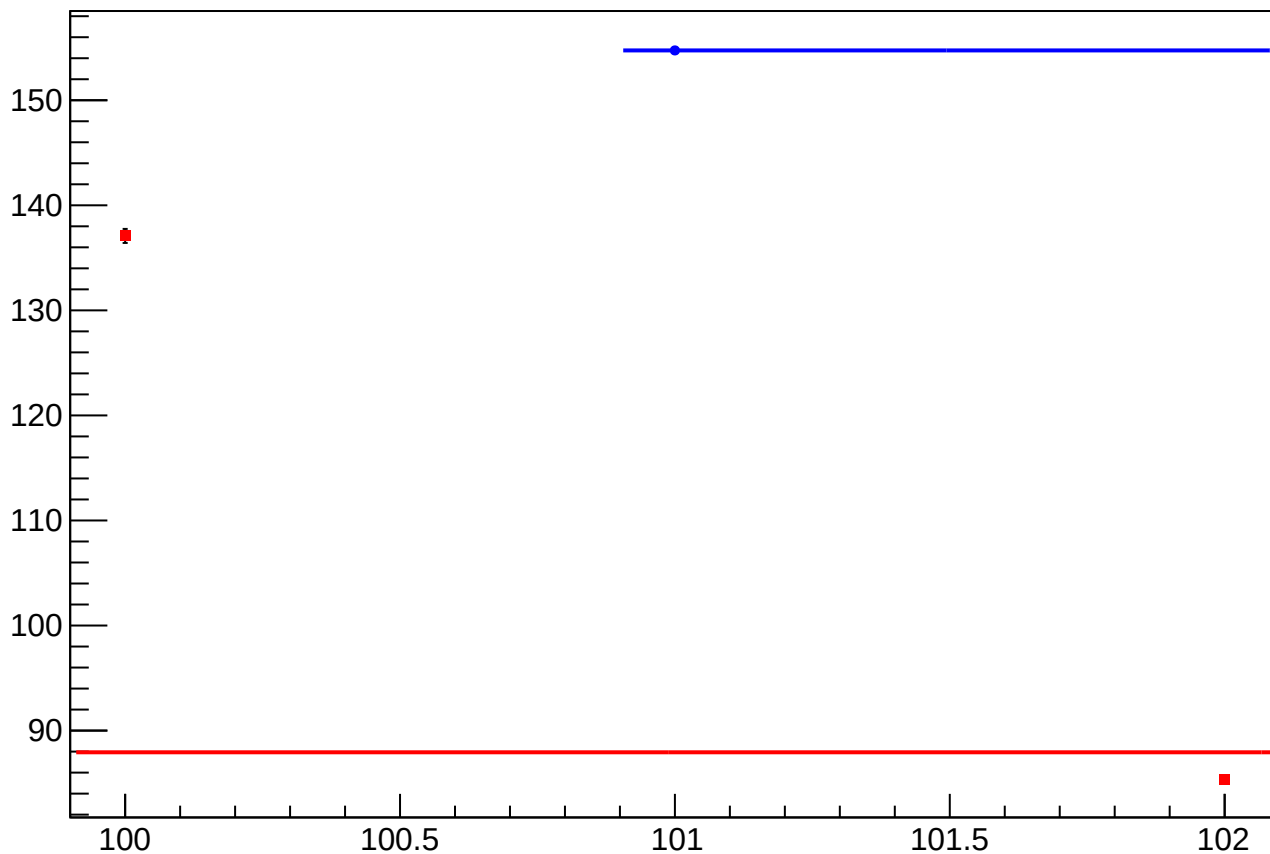
Right: -23.824 $\pm$ 4.026 χ^2 /NDF: 29.1/2

In: -46.654 $\pm$ 5.839 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -23.824 $\pm$ 4.026 χ^2 /NDF: 29.1/2

reg_asym_usl_atl2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 154.743 $\pm$ 0.262 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 87.934 $\pm$ 0.149 χ^2 /NDF: 5703.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

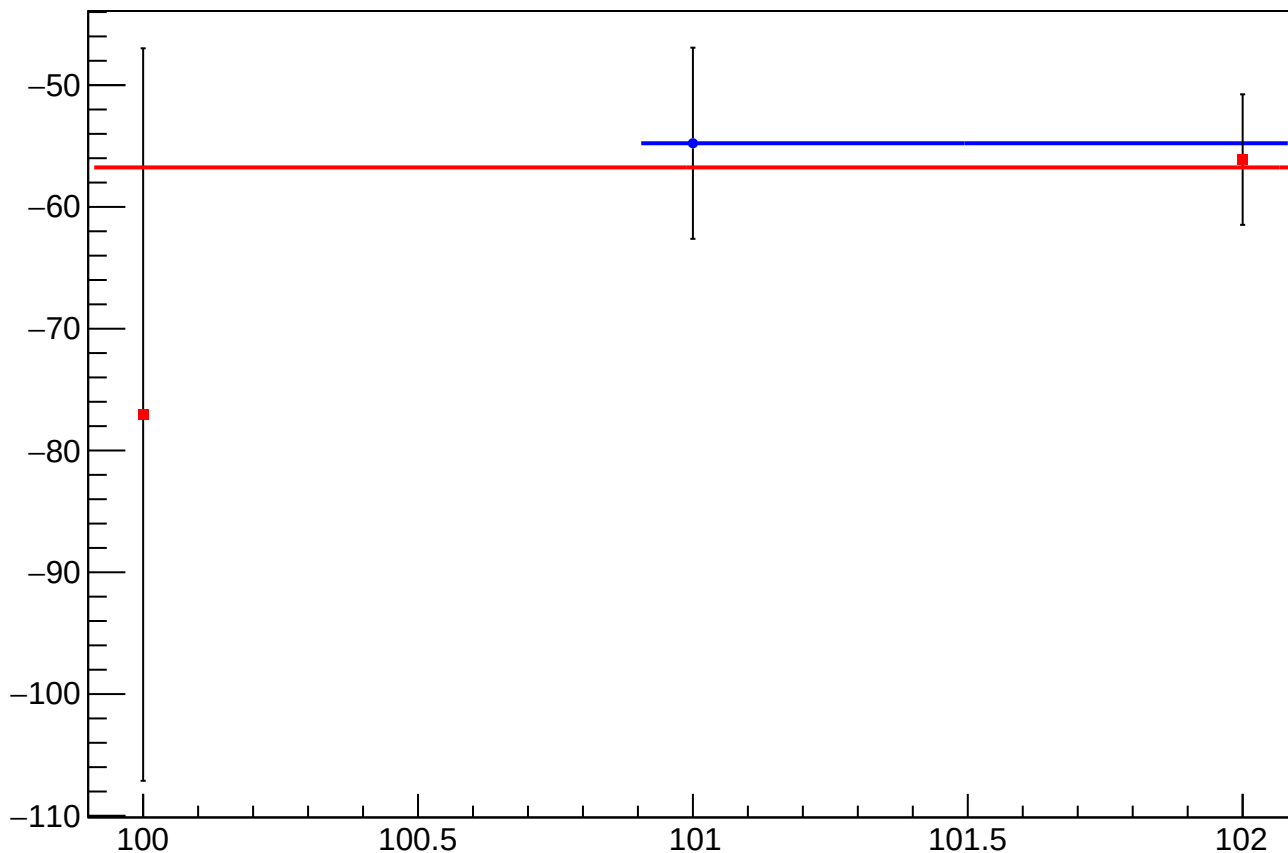
Right: 104.196 $\pm$ 0.129 χ^2 /NDF: 54932.7/2

In: 154.743 $\pm$ 0.262 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 104.196 $\pm$ 0.129 χ^2 /NDF: 54932.7/2

reg_asym_usr_atr1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -54.772 $\pm$ 7.848 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -56.757 $\pm$ 5.276 χ^2 /NDF: 0.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

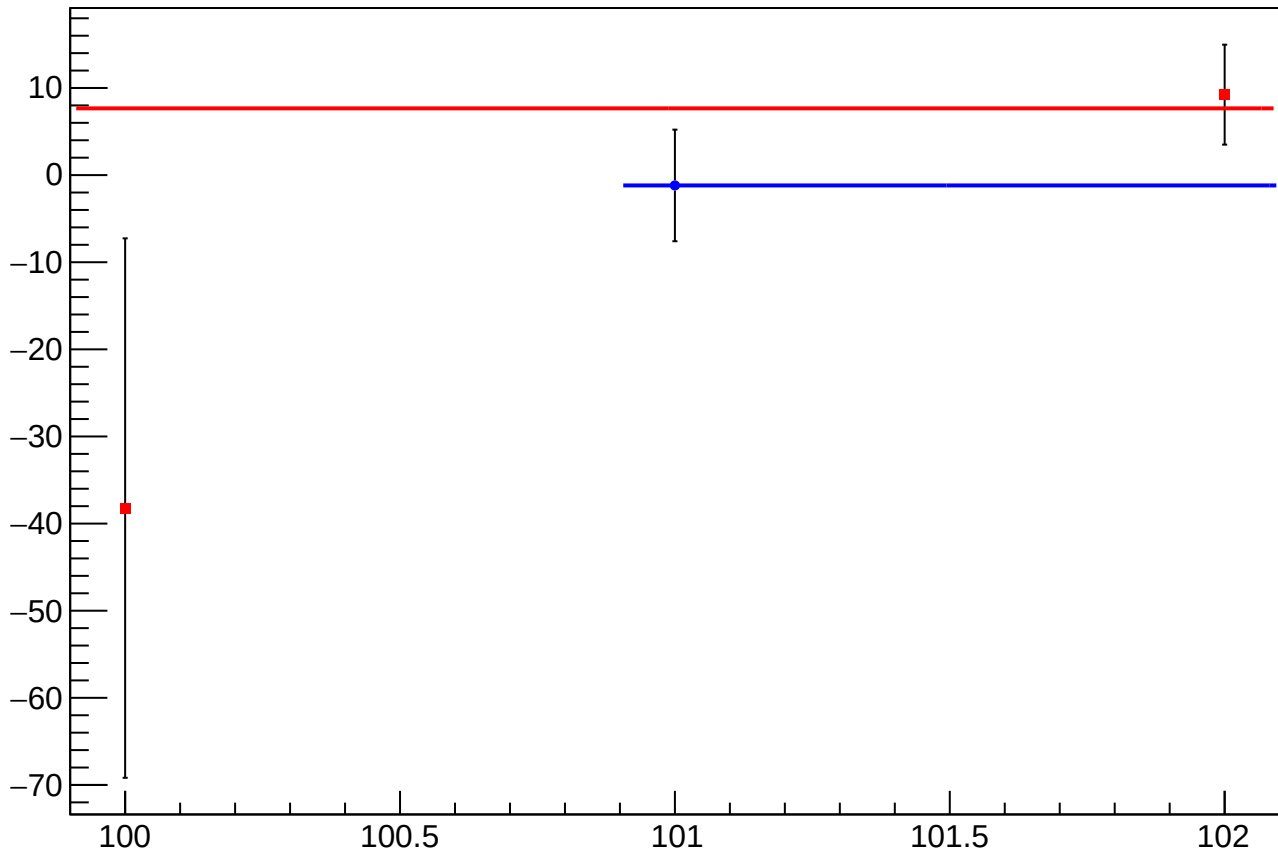
Right: -56.139 $\pm$ 4.379 χ^2 /NDF: 0.5/2

In: -54.772 $\pm$ 7.848 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -56.139 $\pm$ 4.379 χ^2 /NDF: 0.5/2

reg_asym_usr_atr1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.186+/-6.405 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.660+/-5.641 χ^2/NDF : 2.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

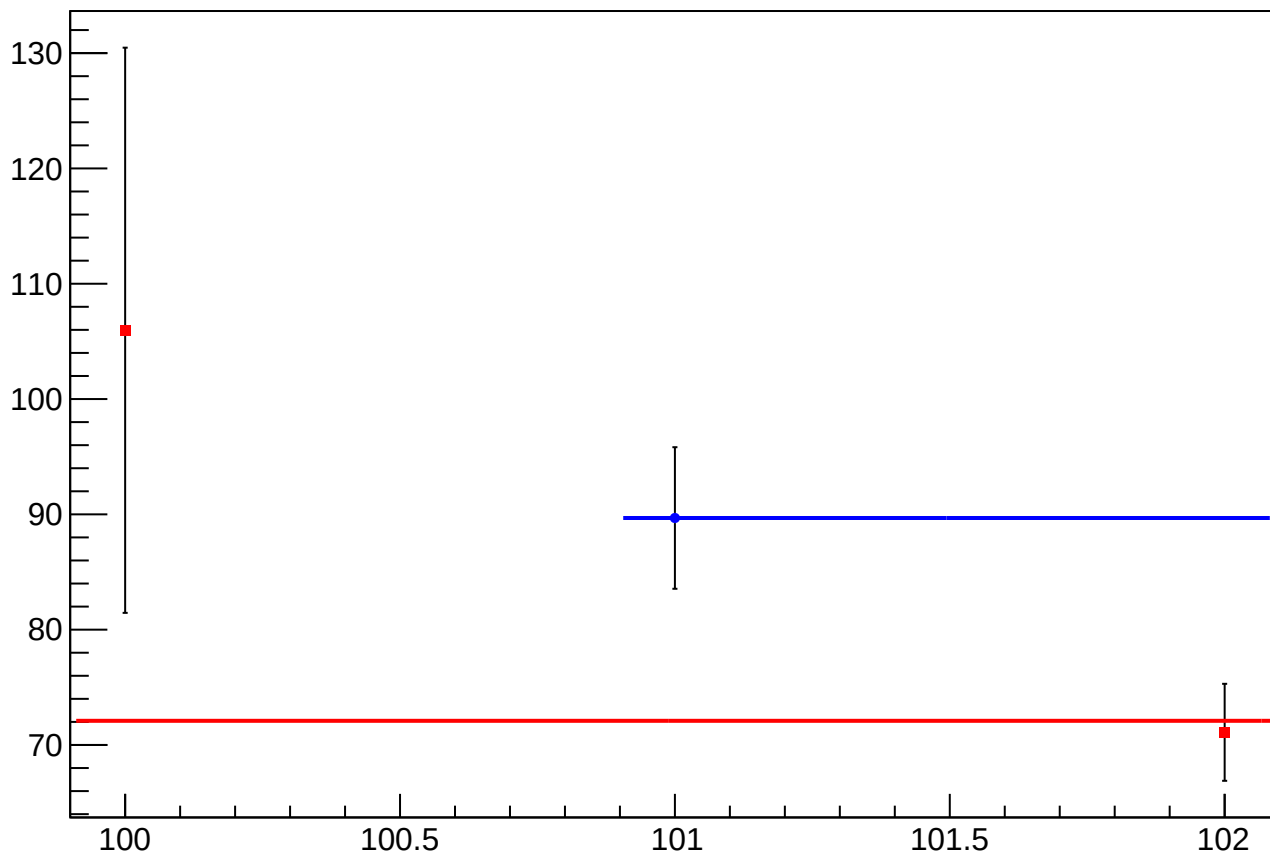
Right: 3.796+/-4.233 χ^2/NDF : 3.3/2

In: -1.186+/-6.405 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.796+/-4.233 χ^2/NDF : 3.3/2

reg_asym_usr_atr1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 89.684+/-6.139 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.095+/-4.145 χ^2/NDF : 2.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

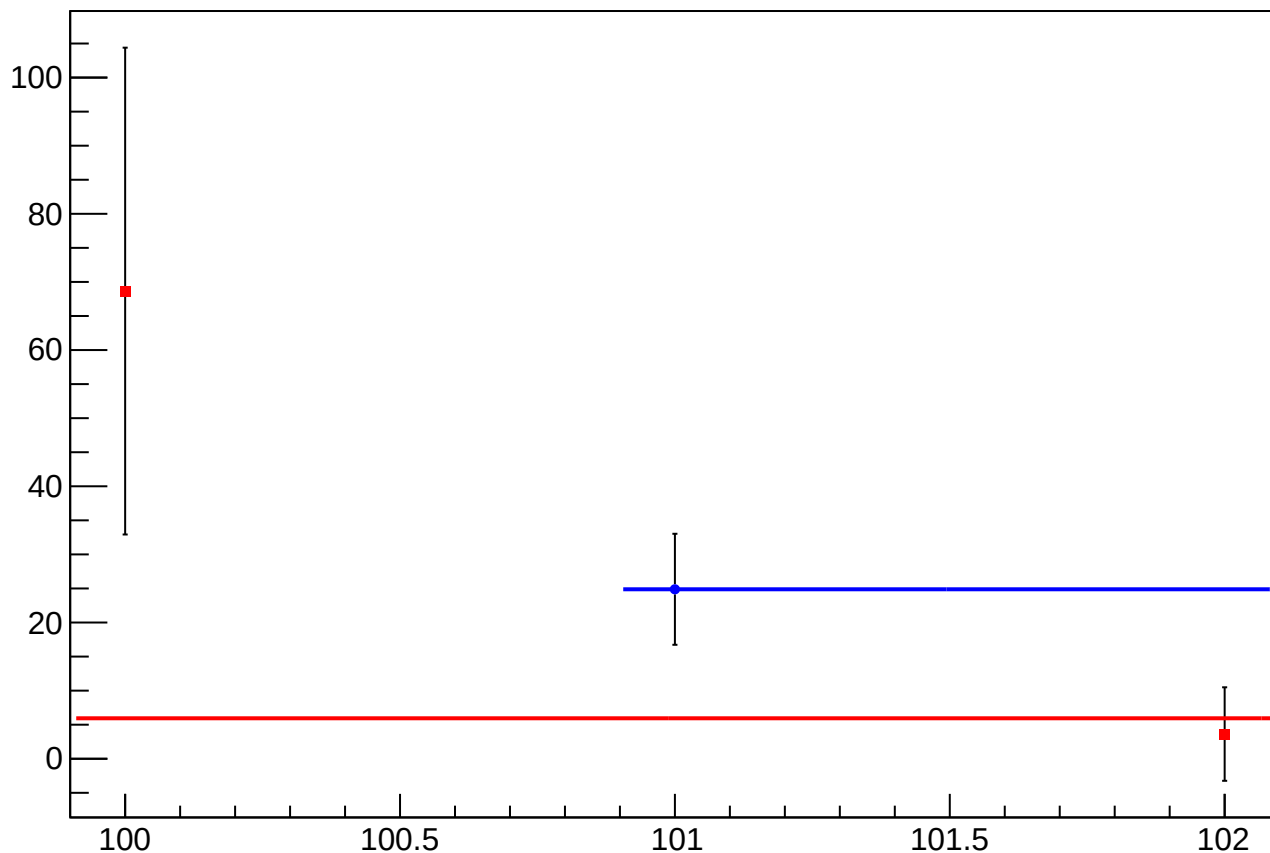
Right: 77.602+/-3.435 χ^2/NDF : 7.6/2

In: 89.684+/-6.139 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.602+/-3.435 χ^2/NDF : 7.6/2

reg_asym_usr_atr1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 24.879+/-8.148 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.941+/-6.740 χ^2/NDF : 3.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

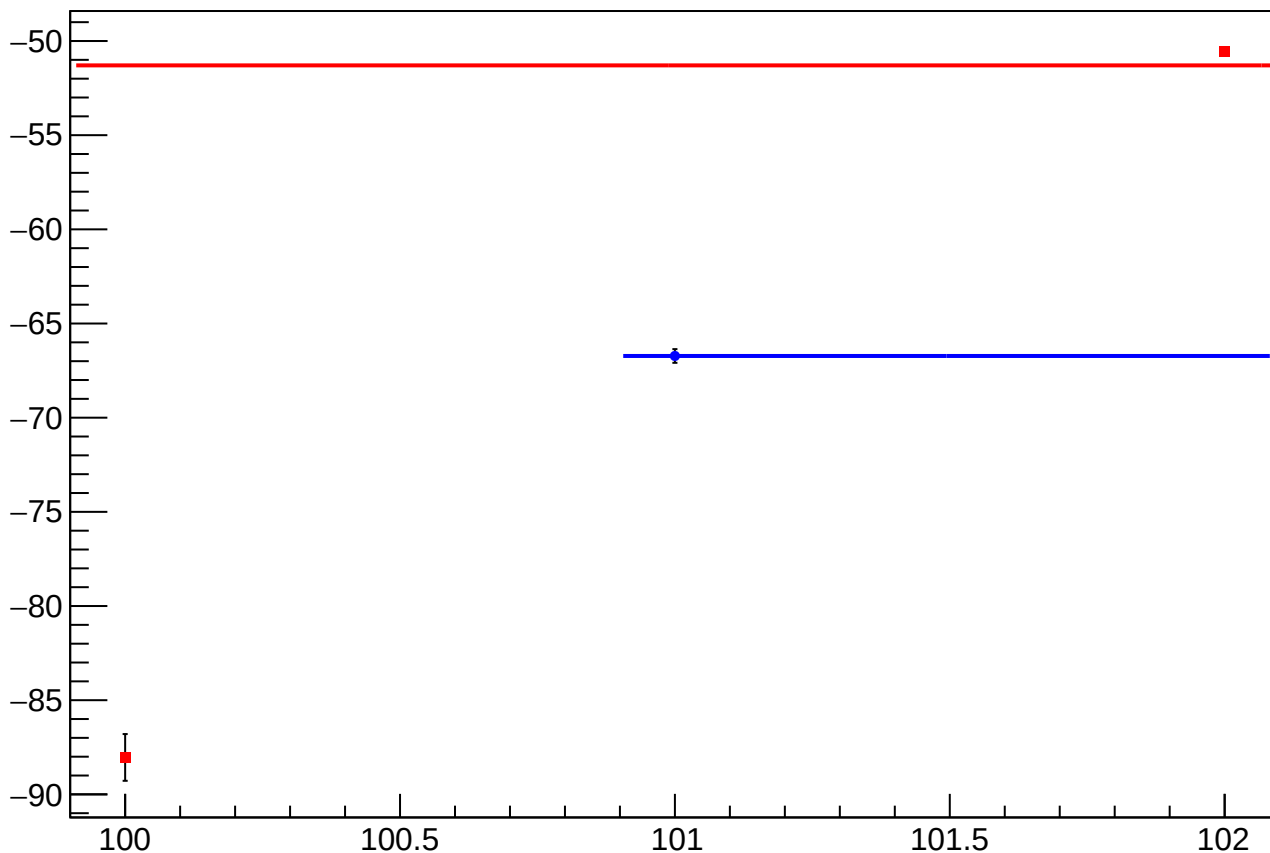
Right: 13.635+/-5.194 χ^2/NDF : 6.4/2

In: 24.879+/-8.148 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.635+/-5.194 χ^2/NDF : 6.4/2

reg_asym_usr_atr1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -66.723+/-0.363 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -51.294+/-0.177 χ^2/NDF : 895.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

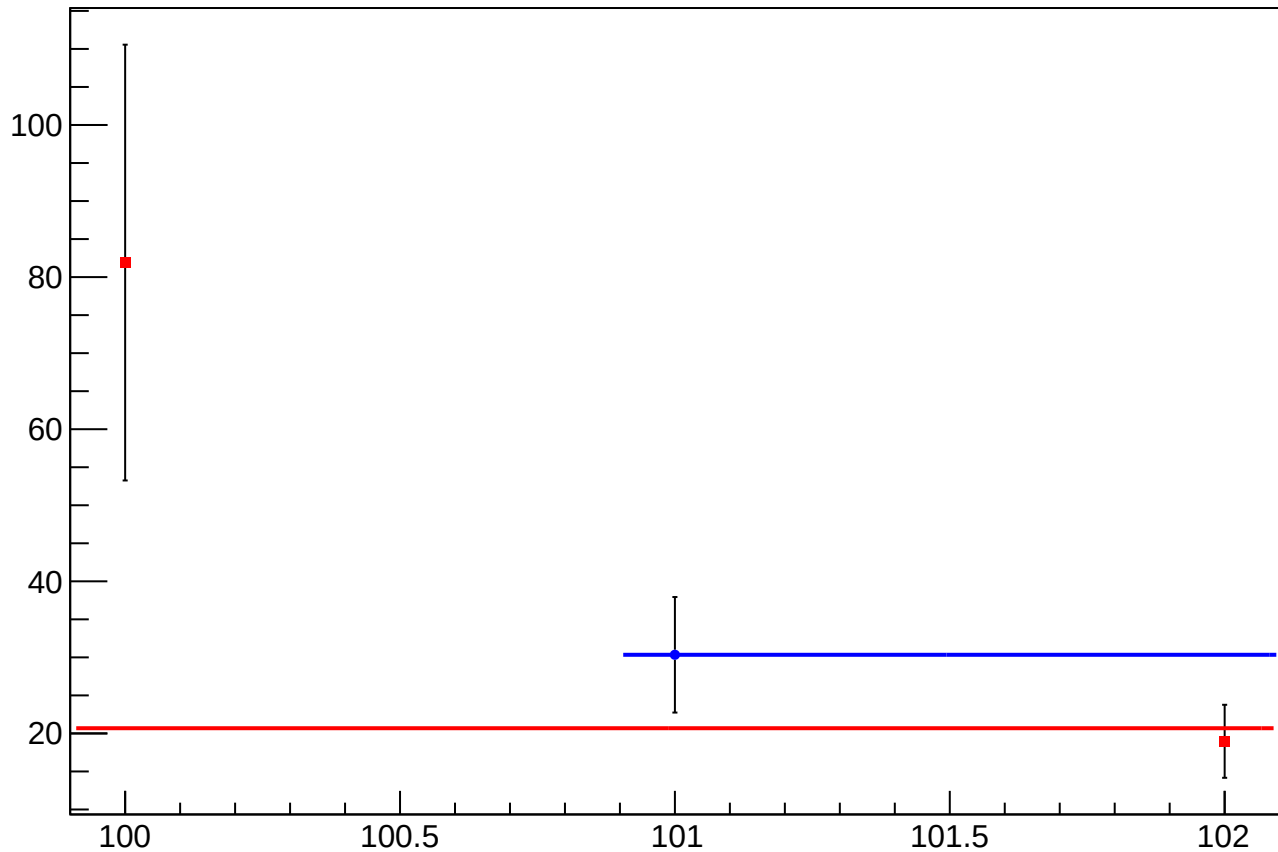
Right: -54.248+/-0.159 χ^2/NDF : 2352.3/2

In: -66.723+/-0.363 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -54.248+/-0.159 χ^2/NDF : 2352.3/2

reg_asym_usr_atr1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 30.340+/-7.596 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.685+/-4.734 χ^2/NDF : 4.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

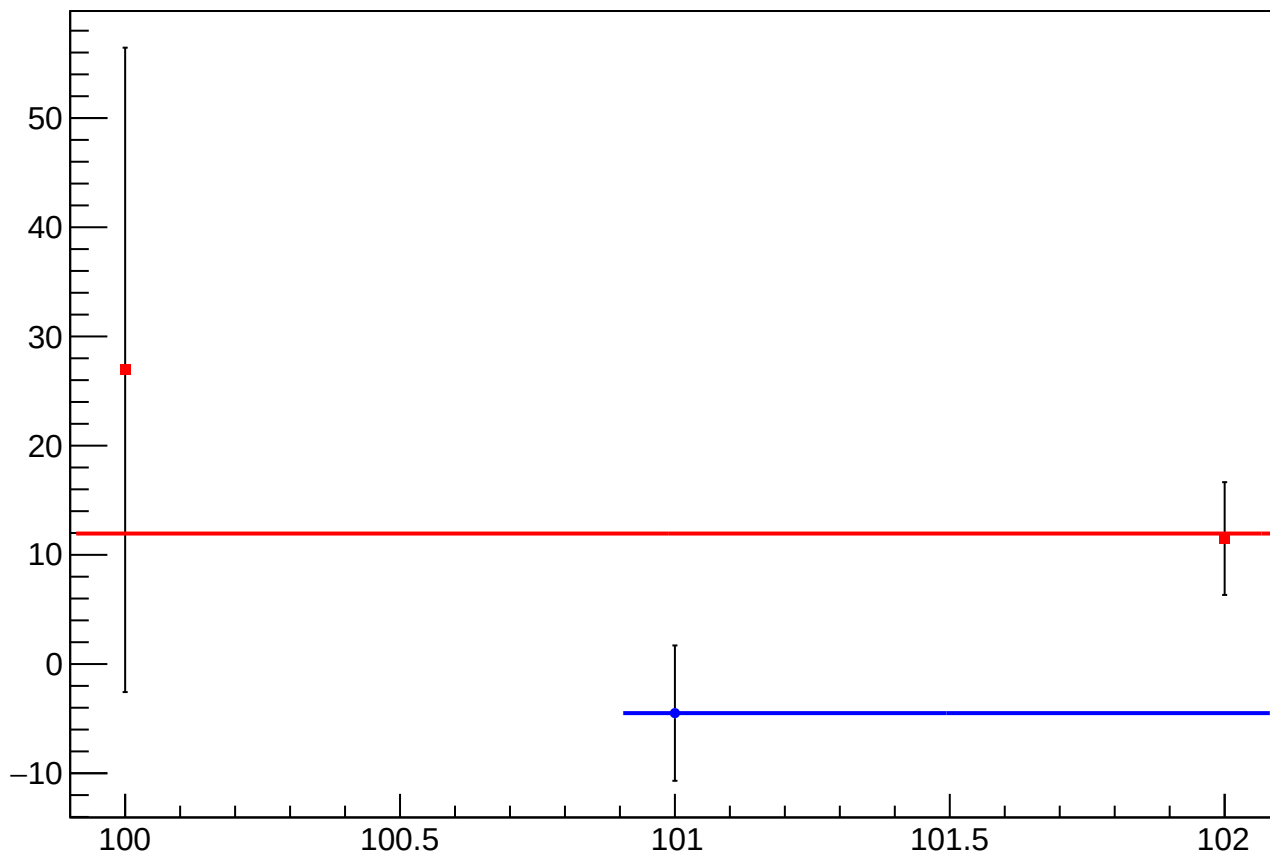
Right: 23.386+/-4.018 χ^2/NDF : 5.9/2

In: 30.340+/-7.596 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.386+/-4.018 χ^2/NDF : 5.9/2

reg_asym_usr_atr1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.494+/-6.198 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.952+/-5.086 χ^2/NDF : 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

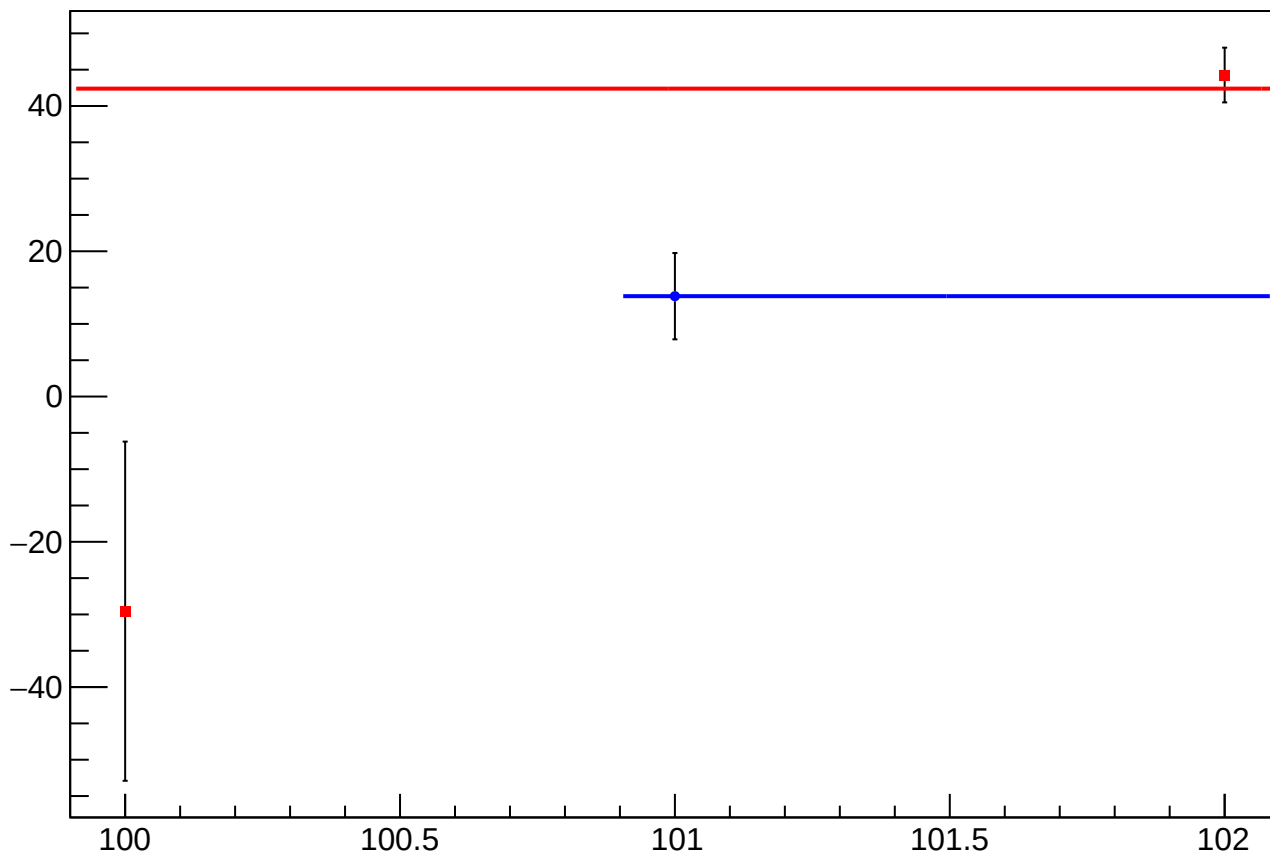
Right: 5.333+/-3.932 χ^2/NDF : 4.5/2

In: -4.494+/-6.198 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.333+/-3.932 χ^2/NDF : 4.5/2

reg_asym_usr_atr1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 13.818 $\pm$ 5.941 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 42.390 $\pm$ 3.719 χ^2 /NDF: 9.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

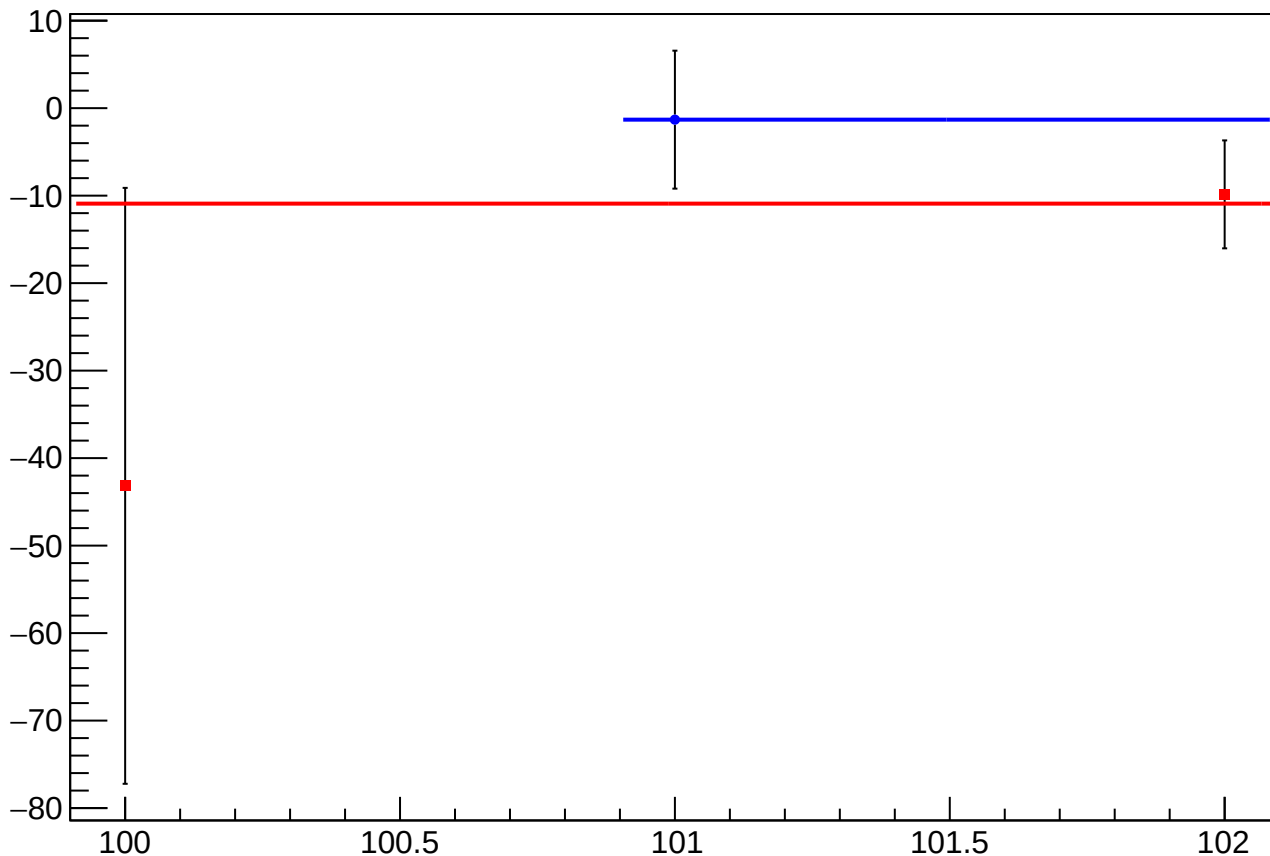
Right: 34.347 $\pm$ 3.152 χ^2 /NDF: 26.4/2

In: 13.818 $\pm$ 5.941 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.347 $\pm$ 3.152 χ^2 /NDF: 26.4/2

reg_asym_usr_atr1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.314 ± 7.885 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -10.913 ± 6.070 $\chi^2/\text{NDF}: 0.9/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

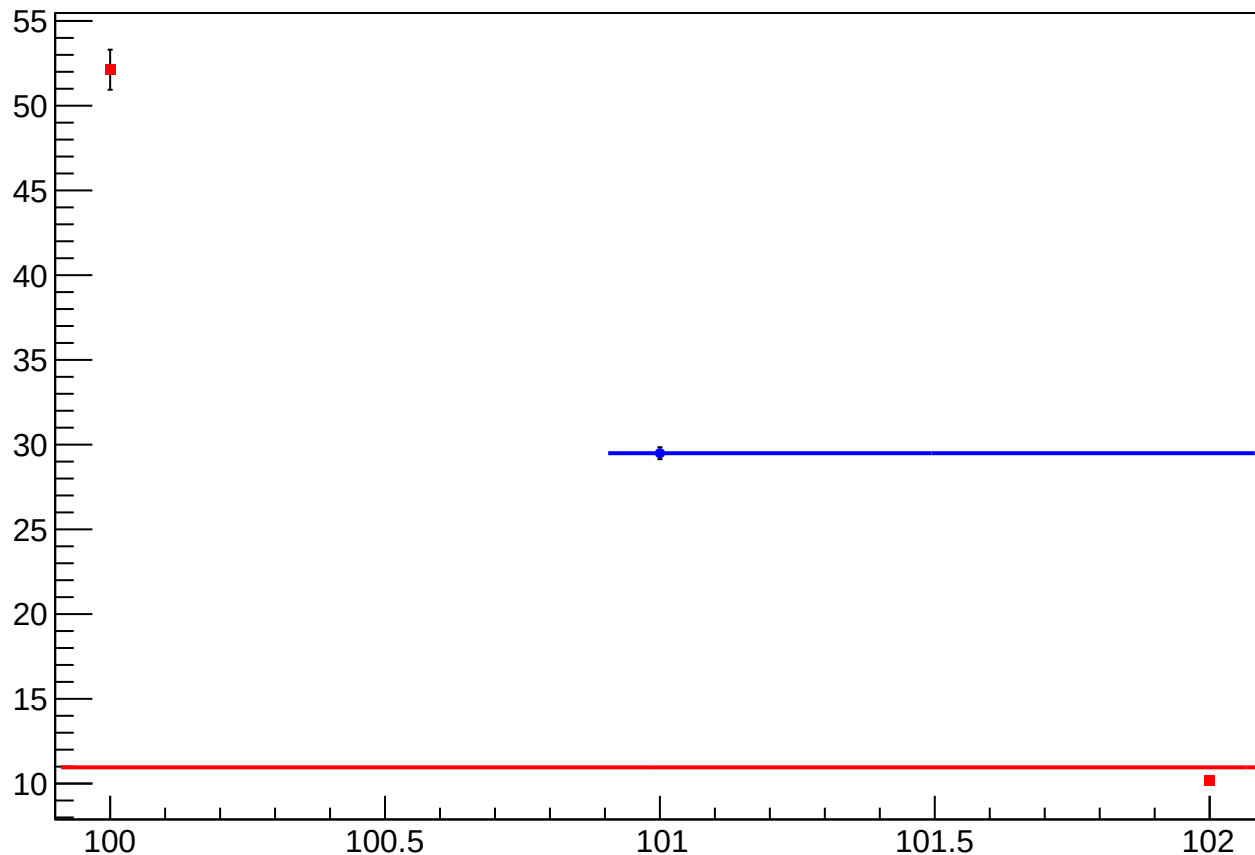
Right: -7.341 ± 4.810 $\chi^2/\text{NDF}: 1.9/2$

In: -1.314 ± 7.885 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -7.341 ± 4.810 $\chi^2/\text{NDF}: 1.9/2$

reg_asym_usr_atr1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 29.494+/-0.352 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.957+/-0.158 χ^2/NDF : 1234.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

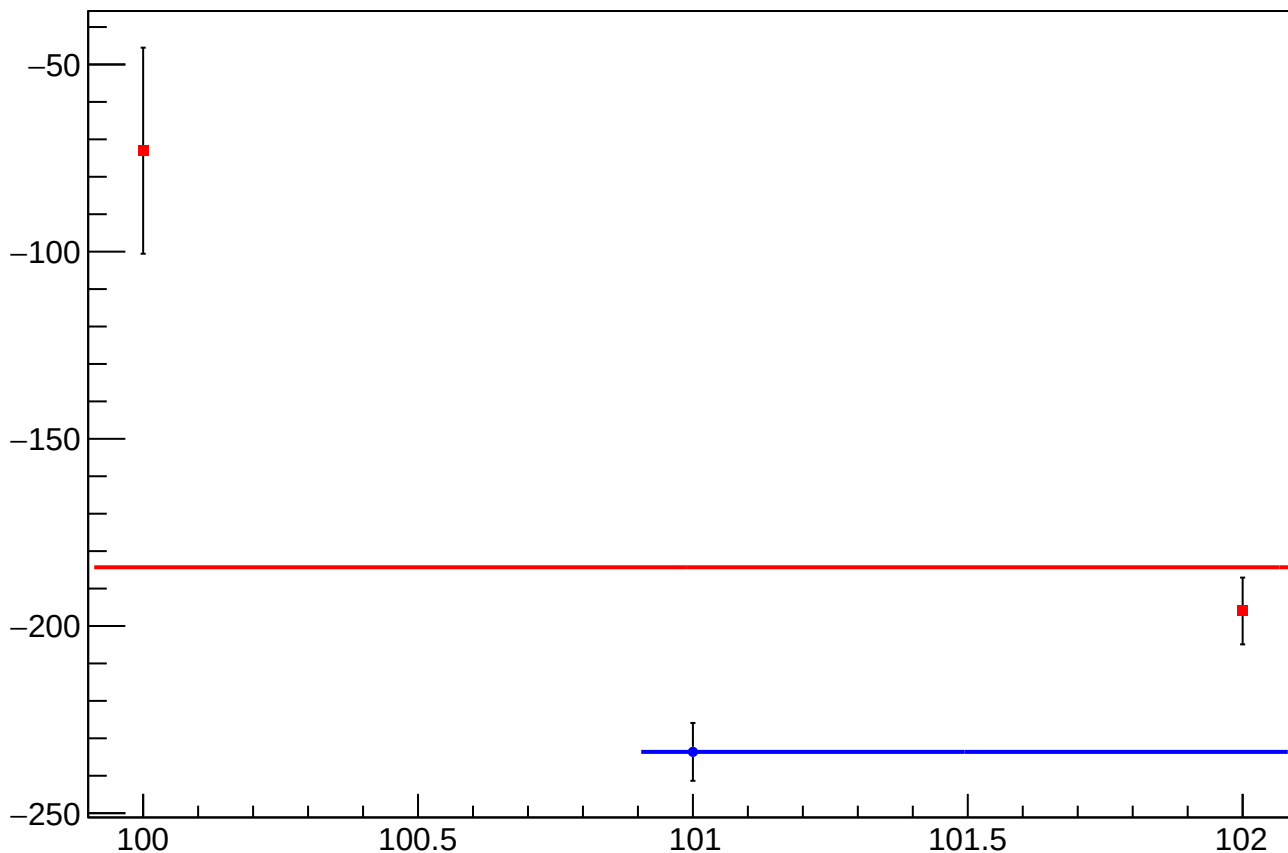
Right: 14.082+/-0.144 χ^2/NDF : 3546.1/2

In: 29.494+/-0.352 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.082+/-0.144 χ^2/NDF : 3546.1/2

reg_asym_usr_atr2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -233.626+/-7.724 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -184.312+/-8.482 χ^2/NDF : 18.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

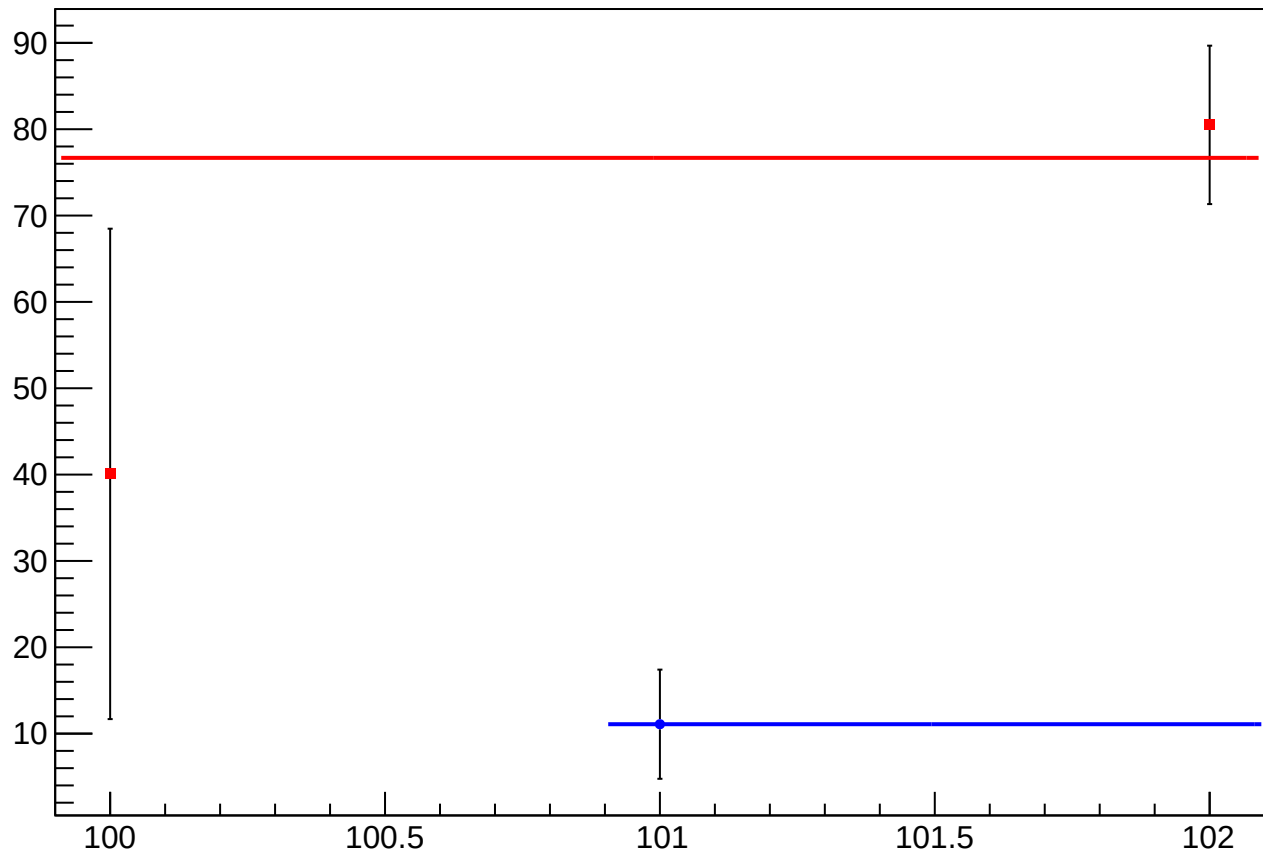
Right: -211.271+/-5.711 χ^2/NDF : 36.5/2

In: -233.626+/-7.724 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -211.271+/-5.711 χ^2/NDF : 36.5/2

reg_asym_usr_atr2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.090+/-6.322 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 76.683+/-8.730 χ^2 /NDF: 1.8/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

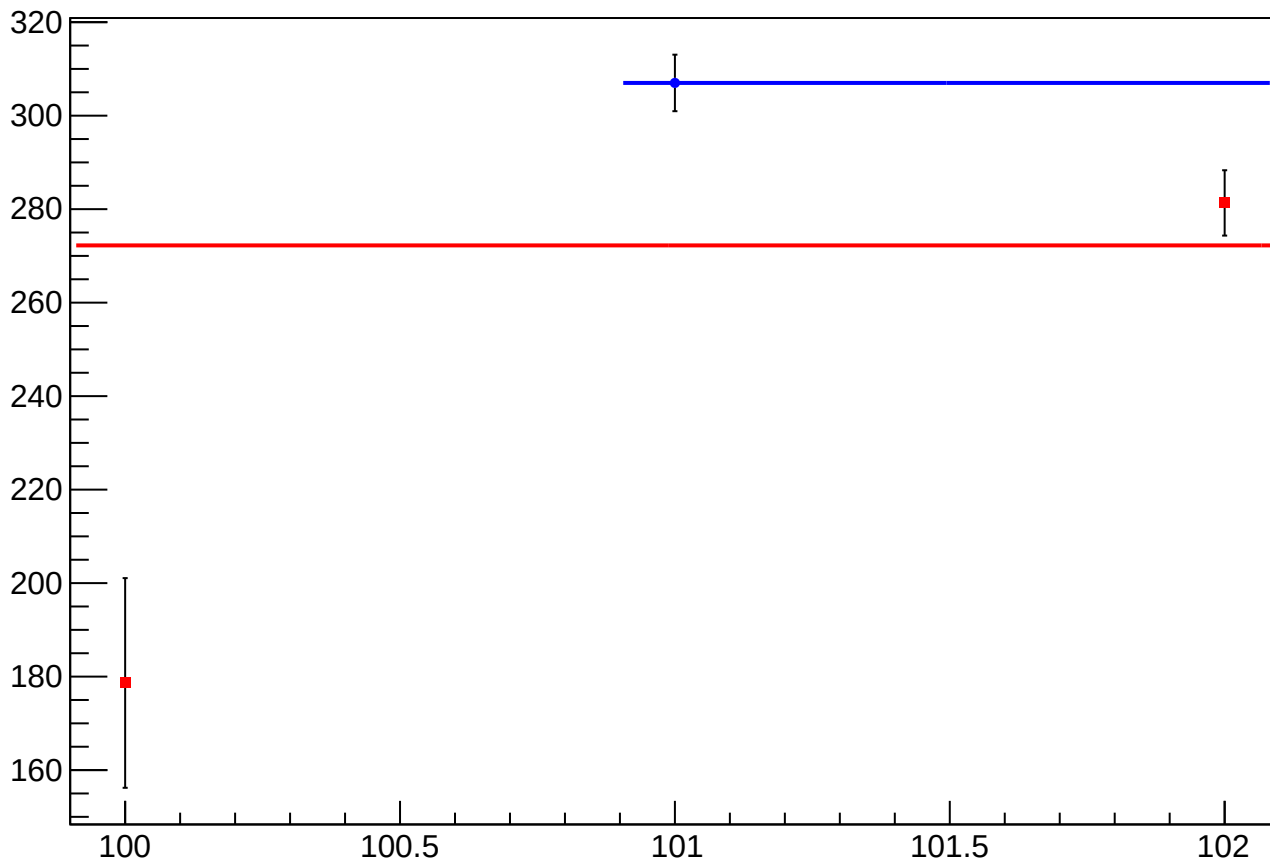
Right: 33.656+/-5.120 χ^2 /NDF: 38.9/2

In: 11.090+/-6.322 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 33.656+/-5.120 χ^2 /NDF: 38.9/2

reg_asym_usr_atr2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 307.003 $\pm$ 6.045 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 272.246 $\pm$ 6.673 χ^2 /NDF: 19.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

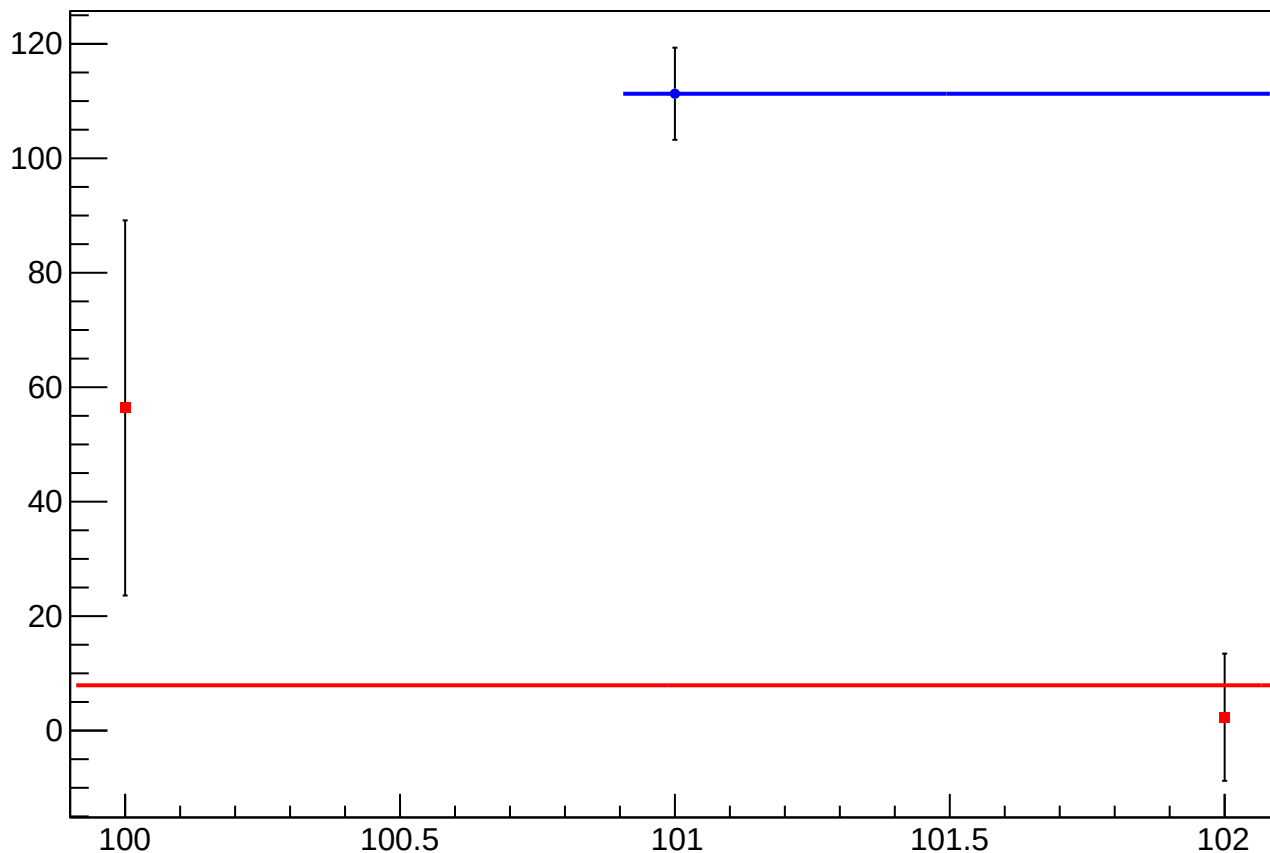
Right: 291.335 $\pm$ 4.480 χ^2 /NDF: 34.0/2

In: 307.003 $\pm$ 6.045 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 291.335 $\pm$ 4.480 χ^2 /NDF: 34.0/2

reg_asym_usr_atr2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.284+/-8.052 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.912+/-10.526 χ^2/NDF : 2.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

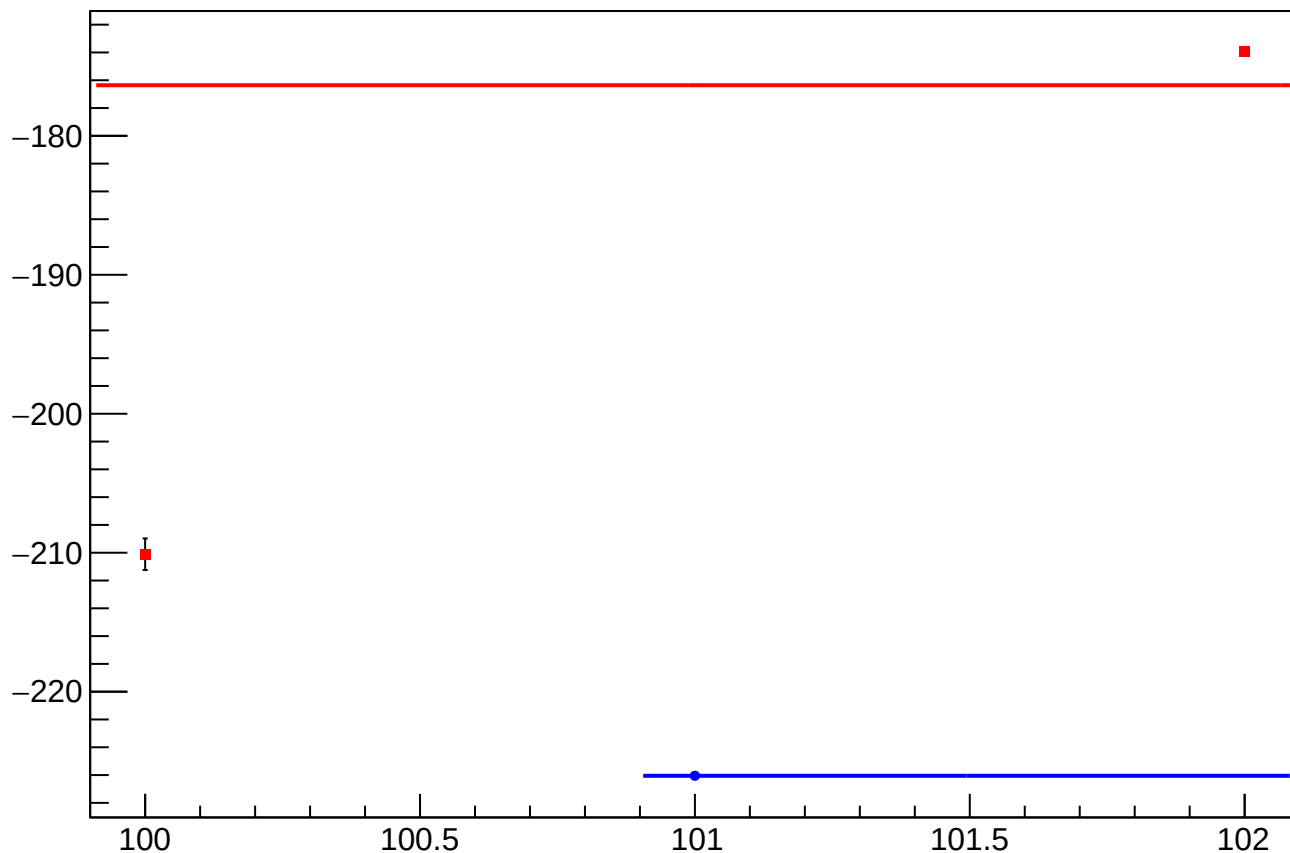
Right: 73.127+/-6.395 χ^2/NDF : 63.3/2

In: 111.284+/-8.052 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.127+/-6.395 χ^2/NDF : 63.3/2

reg_asym_usr_atr2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -226.052 $\pm$ 0.361 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -176.358 $\pm$ 0.293 χ^2 /NDF: 943.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

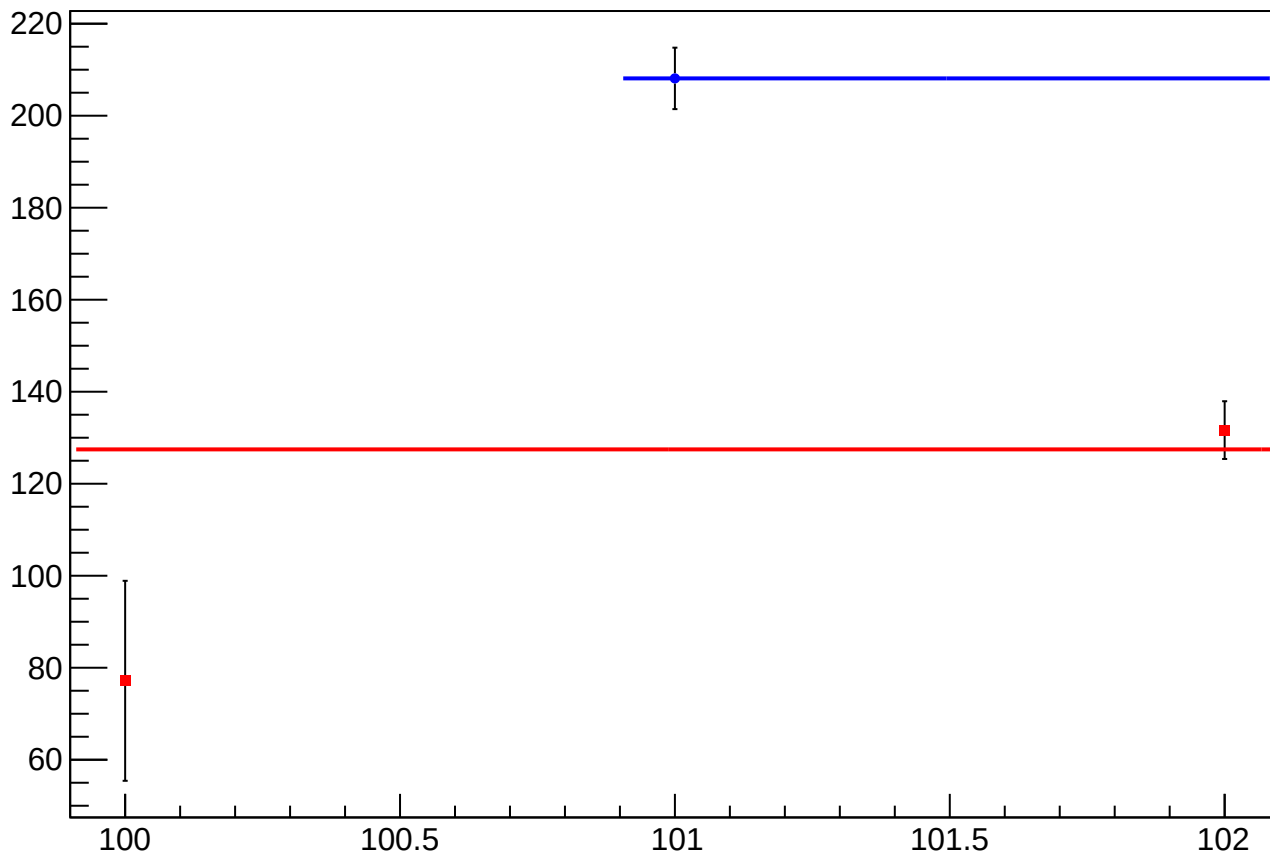
Right: -196.111 $\pm$ 0.227 χ^2 /NDF: 12379.1/2

In: -226.052 $\pm$ 0.361 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -196.111 $\pm$ 0.227 χ^2 /NDF: 12379.1/2

reg_asym_usr_atr2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 208.111 $\pm$ 6.679 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 127.464 $\pm$ 6.029 χ^2 /NDF: 5.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

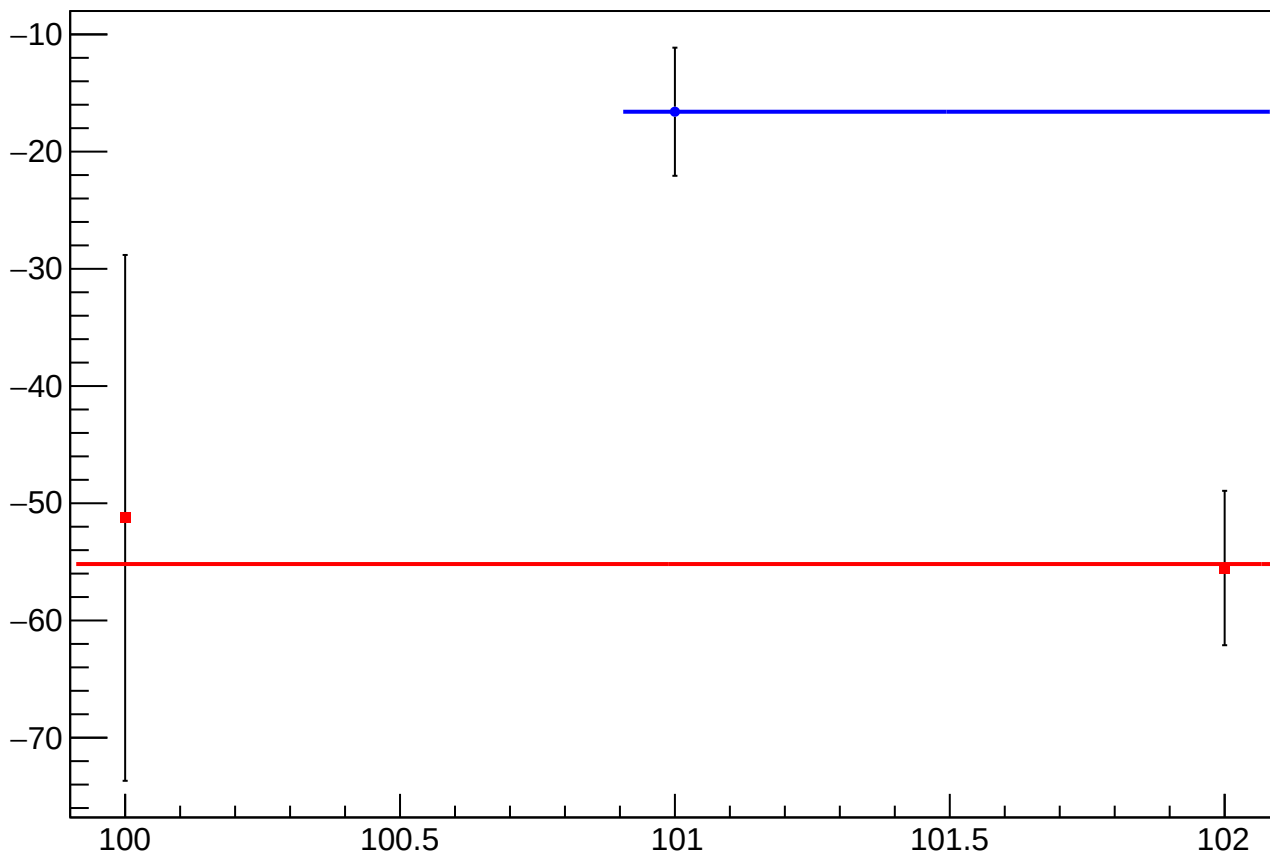
Right: 163.678 $\pm$ 4.475 χ^2 /NDF: 86.1/2

In: 208.111 $\pm$ 6.679 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 163.678 $\pm$ 4.475 χ^2 /NDF: 86.1/2

reg_asym_usr_atr2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -16.598 $\pm$ 5.466 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -55.185 $\pm$ 6.319 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

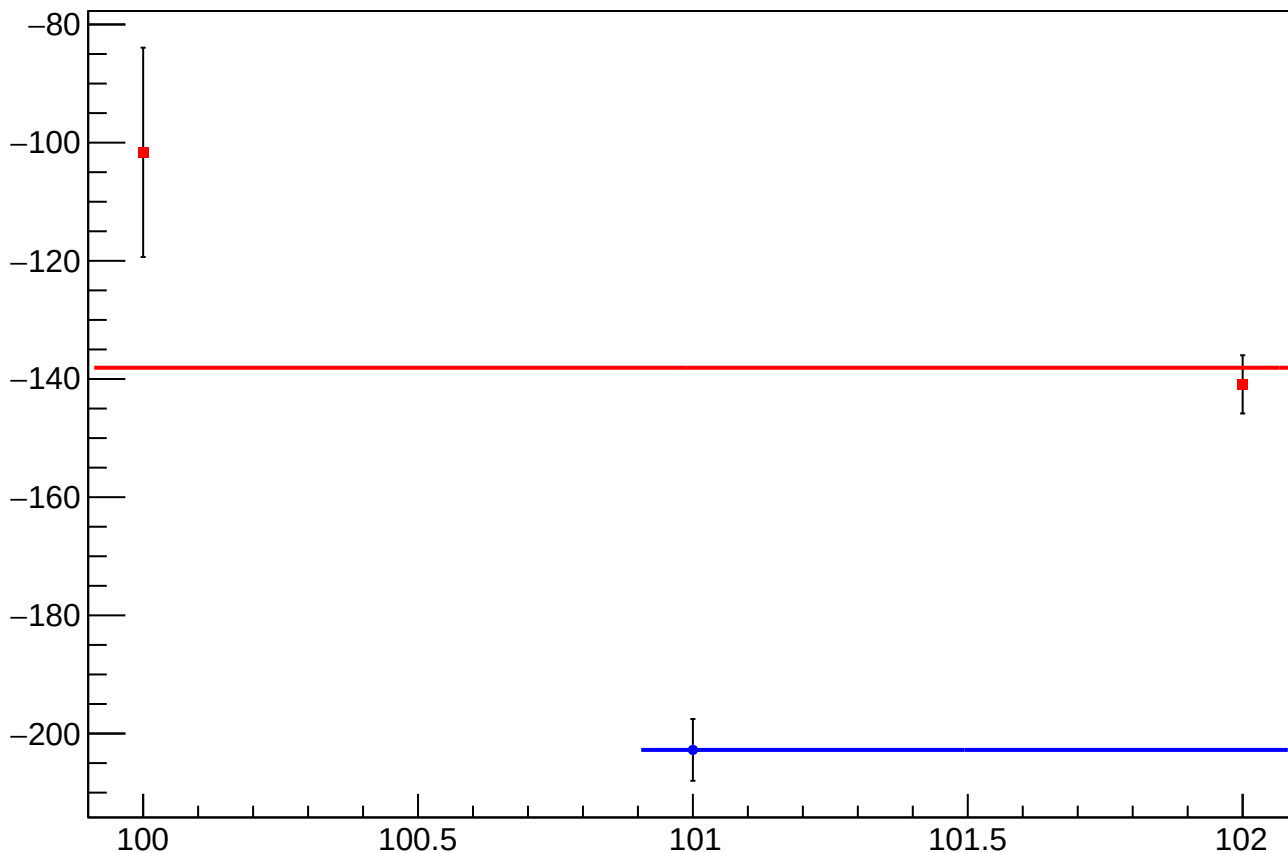
Right: -33.113 $\pm$ 4.134 χ^2 /NDF: 21.4/2

In: -16.598 $\pm$ 5.466 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -33.113 $\pm$ 4.134 χ^2 /NDF: 21.4/2

reg_asym_usr_atr2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -202.769+/-5.227 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -138.092+/-4.743 χ^2 /NDF: 4.6/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

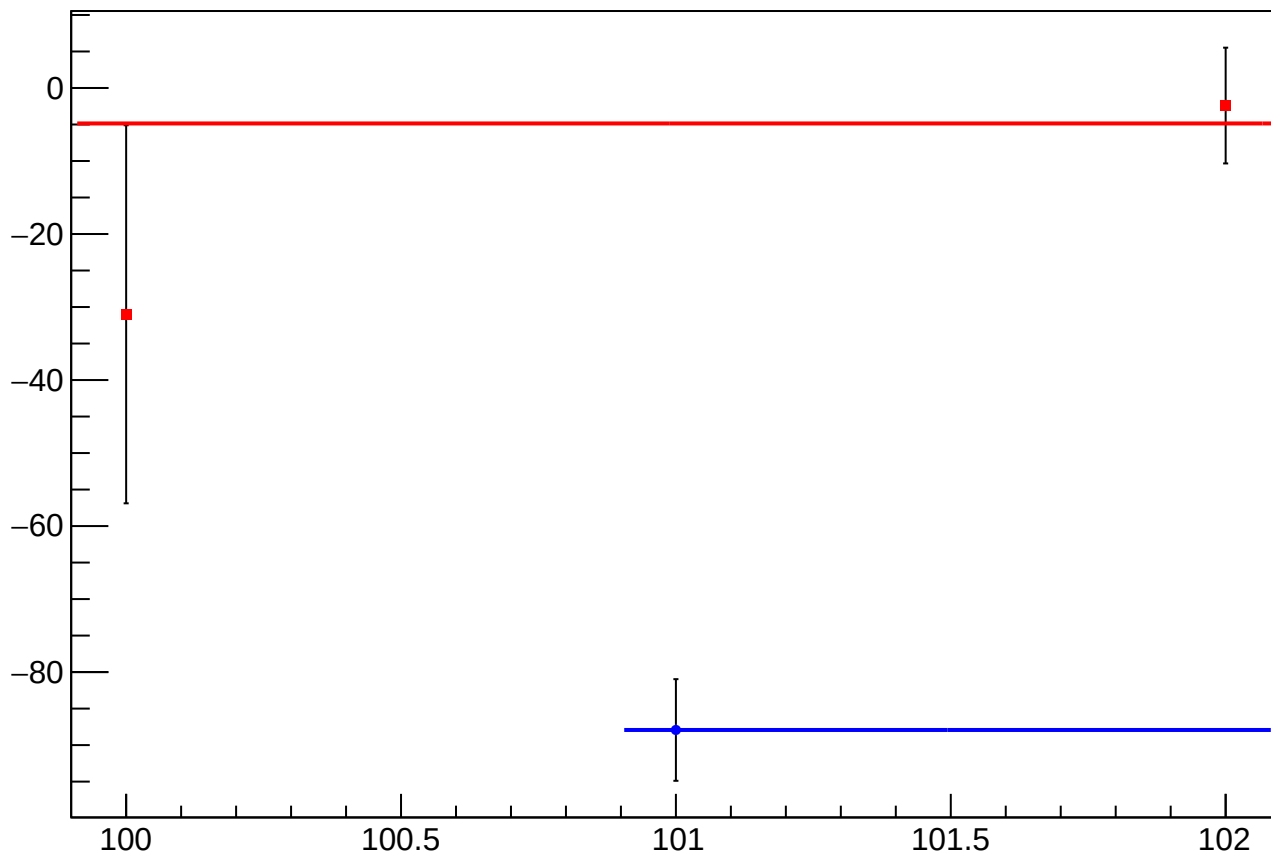
Right: -167.295+/-3.512 χ^2 /NDF: 88.5/2

In: -202.769+/-5.227 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -167.295+/-3.512 χ^2 /NDF: 88.5/2

reg_asym_usr_atr2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -87.928+/-6.961 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.857+/-7.580 χ^2/NDF : 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

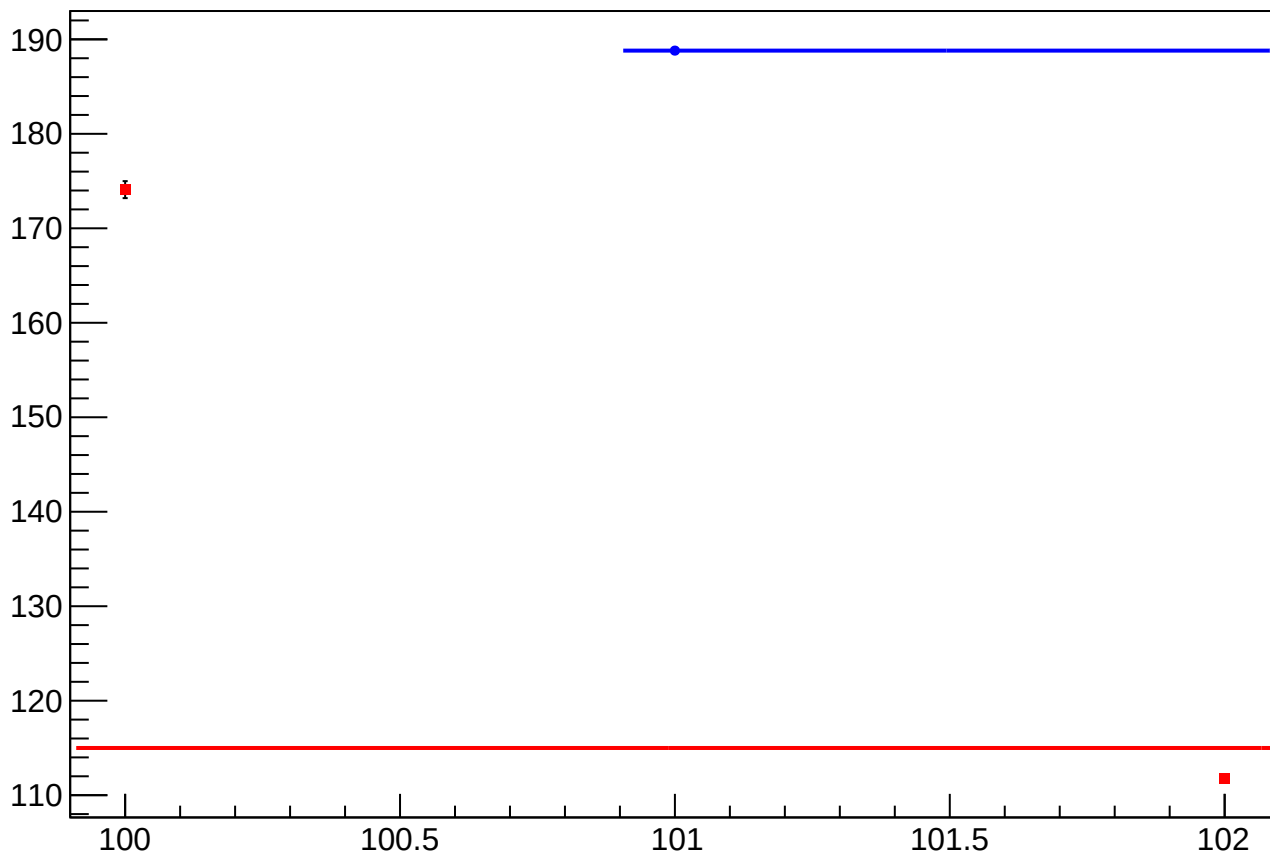
Right: -49.923+/-5.127 χ^2/NDF : 66.3/2

In: -87.928+/-6.961 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -49.923+/-5.127 χ^2/NDF : 66.3/2

reg_asym_usr_atr2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 188.807 $\pm$ 0.312 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 114.996 $\pm$ 0.205 χ^2/NDF : 4566.9/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

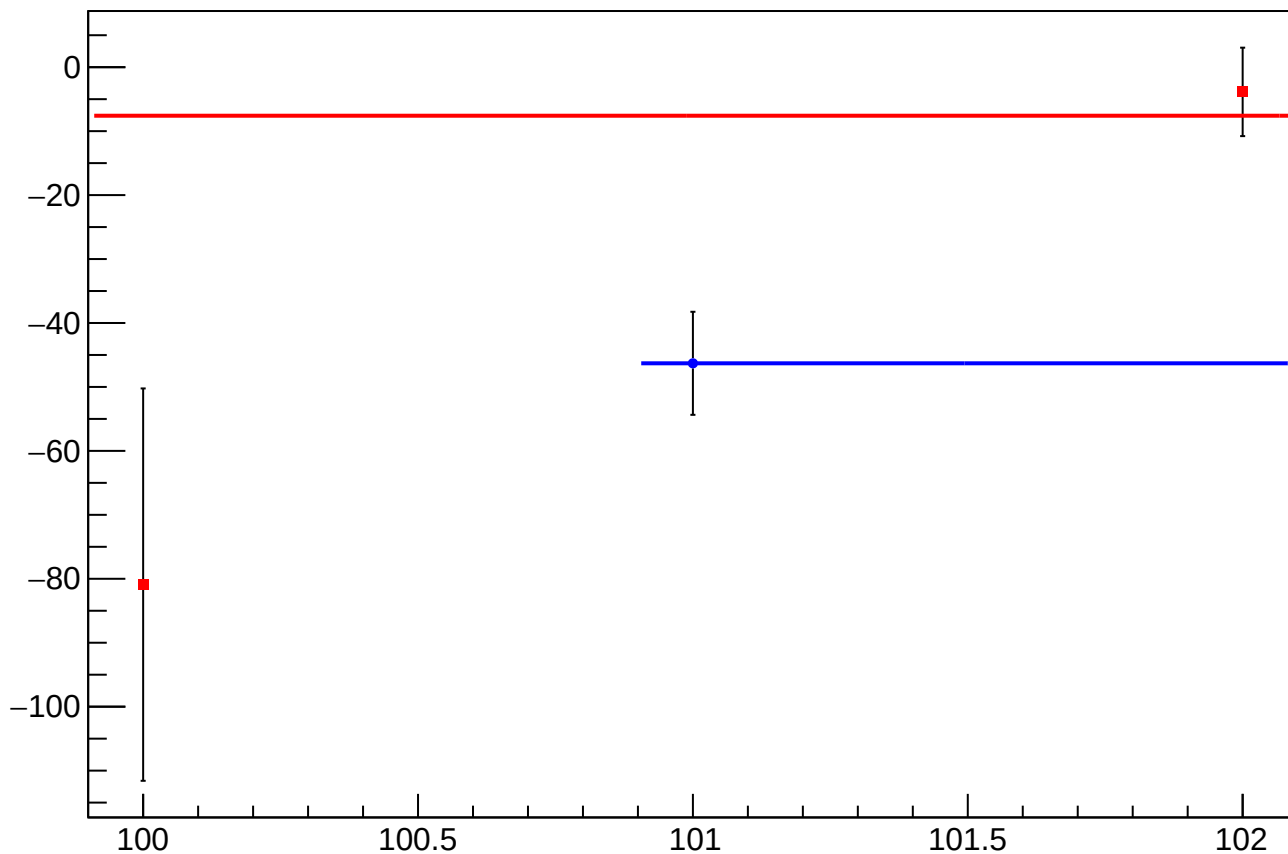
Right: 137.343 $\pm$ 0.172 χ^2/NDF : 43635.3/2

In: 188.807 $\pm$ 0.312 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 137.343 $\pm$ 0.172 χ^2/NDF : 43635.3/2

reg_asym_us_avg_at1lr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -46.305+/-8.057 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.588+/-6.746 χ^2/NDF : 6.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

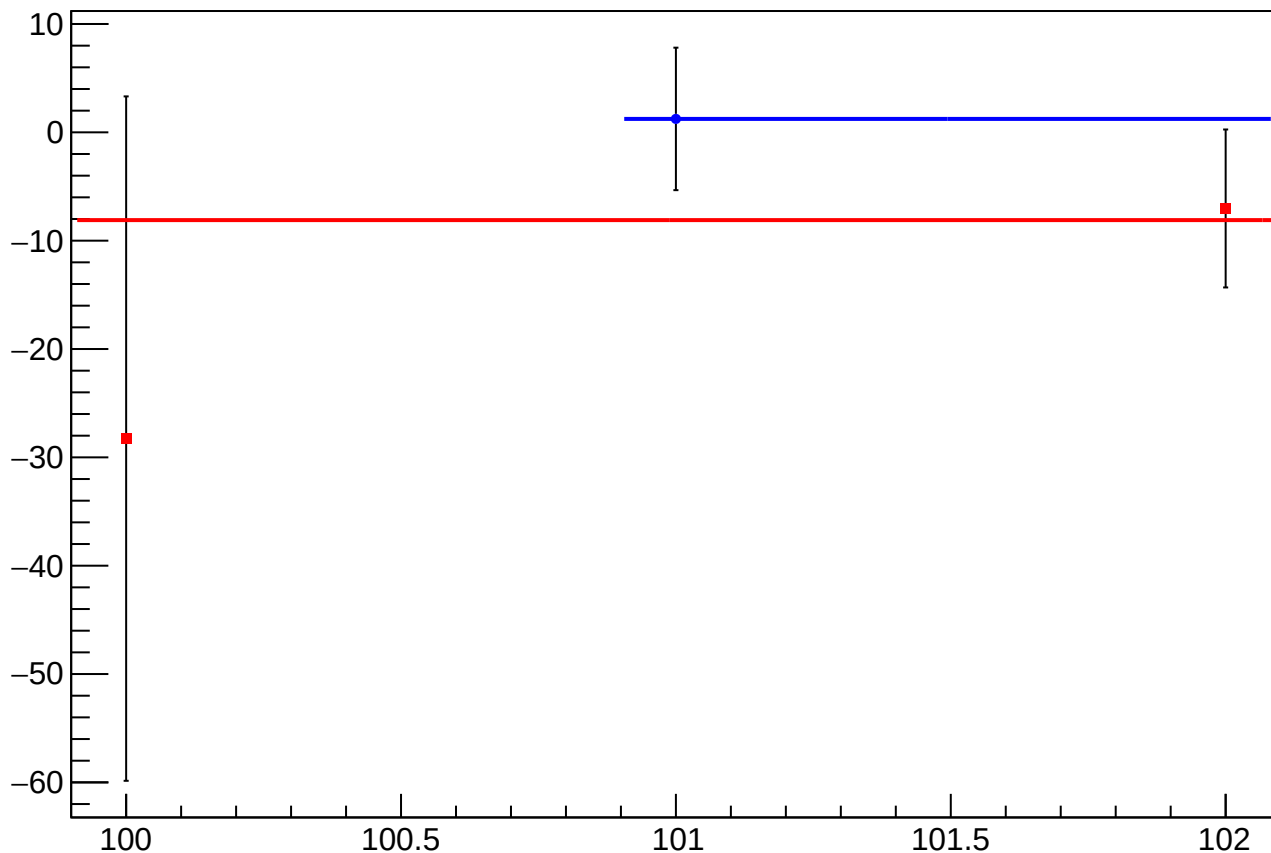
Right: -23.544+/-5.173 χ^2/NDF : 19.6/2

In: -46.305+/-8.057 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.544+/-5.173 χ^2/NDF : 19.6/2

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.239+/-6.576 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.102+/-7.103 χ^2/NDF : 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

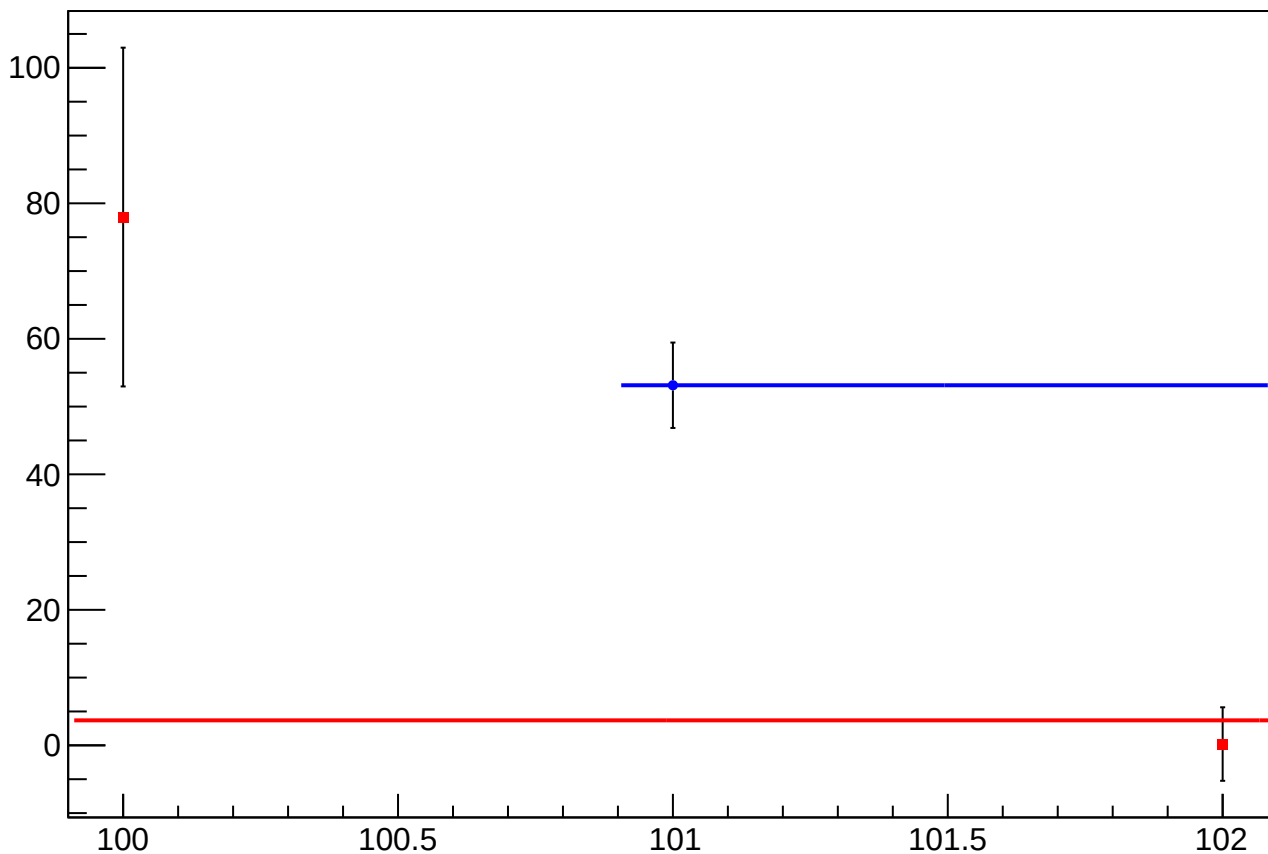
Right: -3.072+/-4.825 χ^2/NDF : 1.4/2

In: 1.239+/-6.576 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.072+/-4.825 χ^2/NDF : 1.4/2

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 53.147+/-6.303 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.687+/-5.301 χ^2/NDF : 9.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

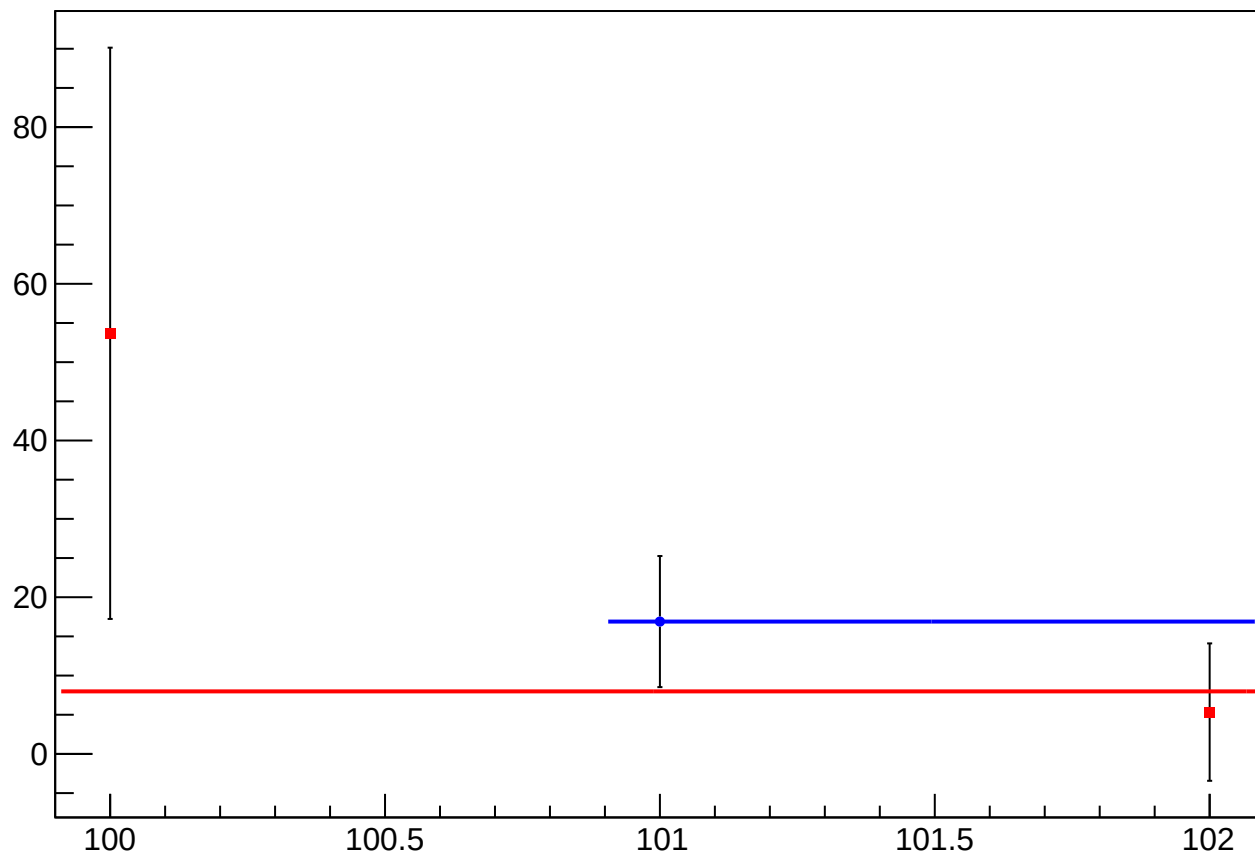
Right: 24.178+/-4.057 χ^2/NDF : 45.3/2

In: 53.147+/-6.303 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.178+/-4.057 χ^2/NDF : 45.3/2

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.892+/-8.366 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 7.981+/-8.525 χ^2 /NDF: 1.7/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

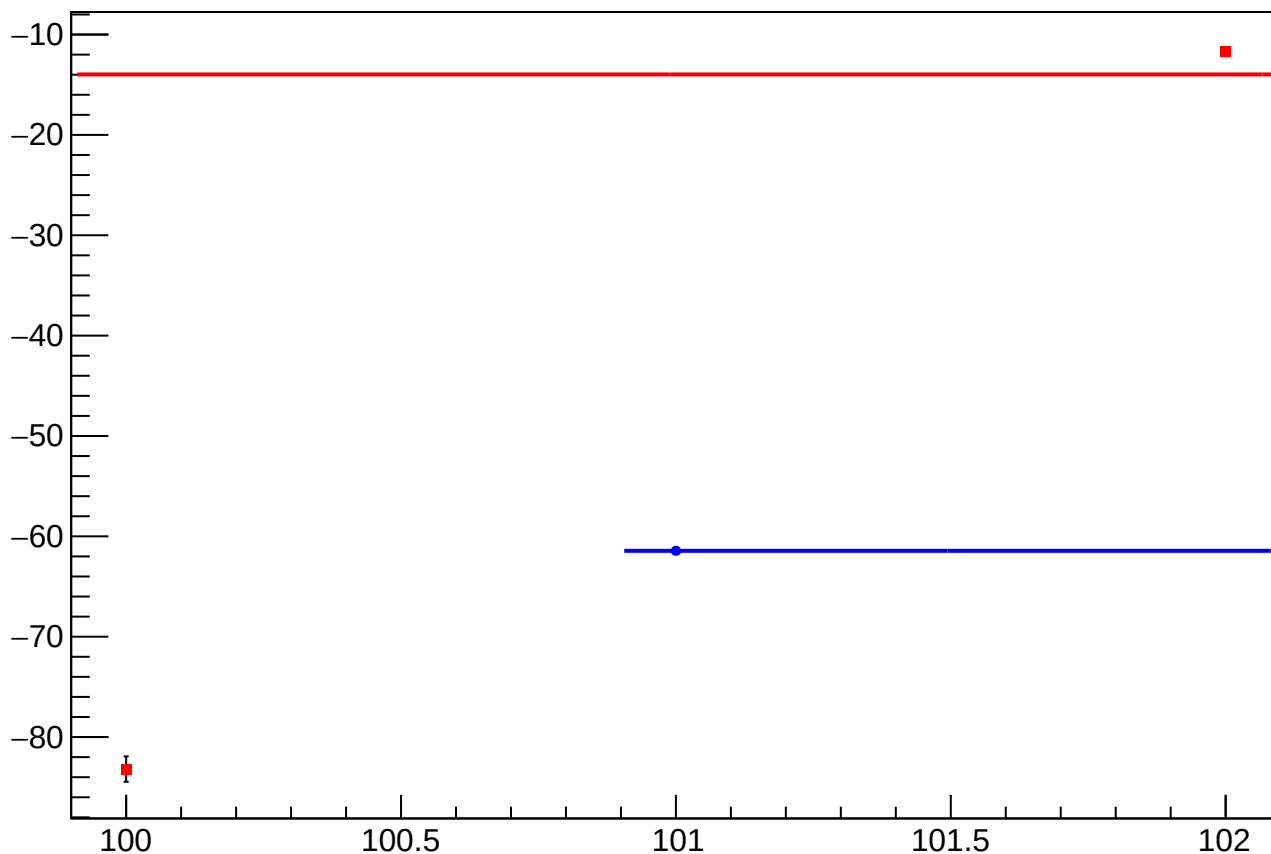
Right: 12.521+/-5.971 χ^2 /NDF: 2.2/2

In: 16.892+/-8.366 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 12.521+/-5.971 χ^2 /NDF: 2.2/2

reg_asym_us_avg_at1lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -61.442 $\pm$ 0.373 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -13.973 $\pm$ 0.229 χ^2 /NDF: 3090.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

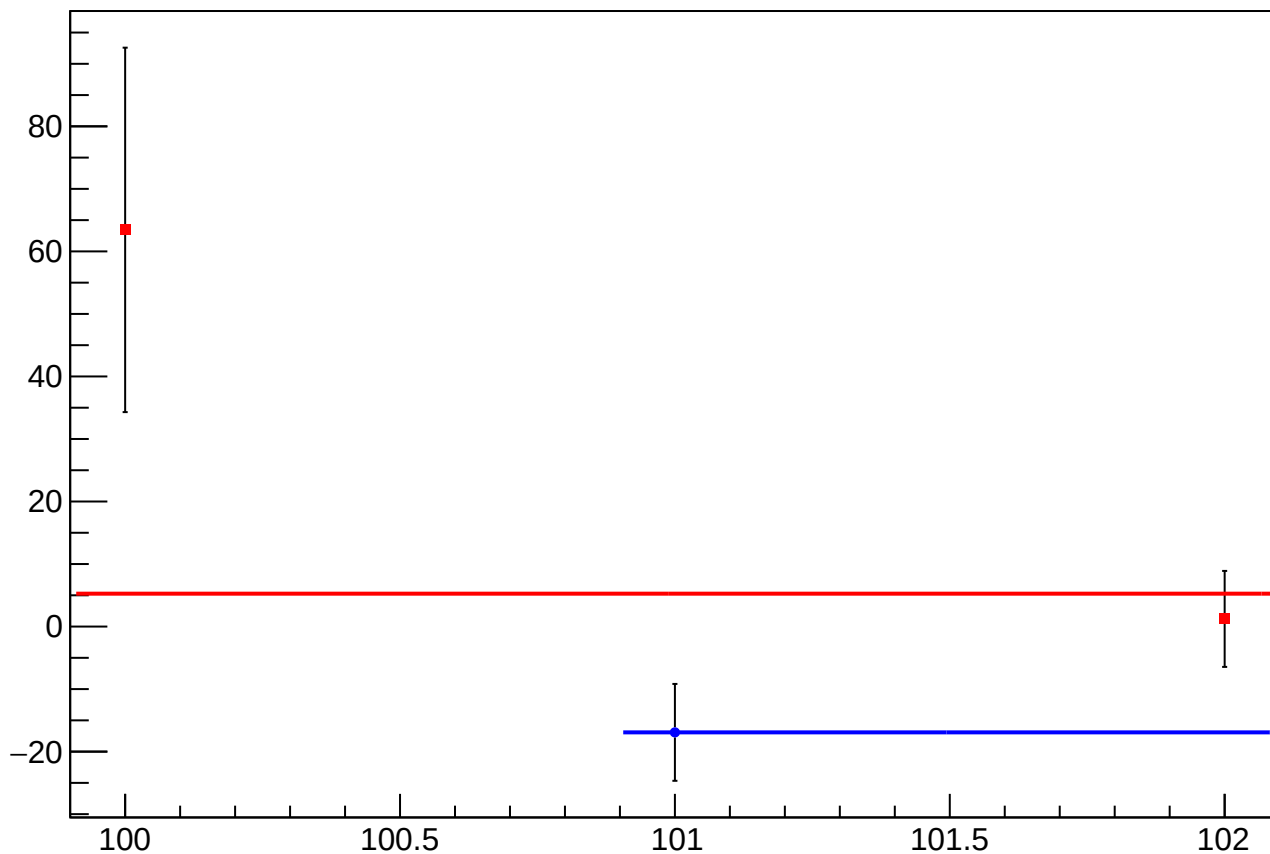
Right: -26.931 $\pm$ 0.195 χ^2 /NDF: 14858.8/2

In: -61.442 $\pm$ 0.373 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -26.931 $\pm$ 0.195 χ^2 /NDF: 14858.8/2

reg_asym_us_avg_at1lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -16.921+/-7.746 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.260+/-7.422 χ^2/NDF : 4.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

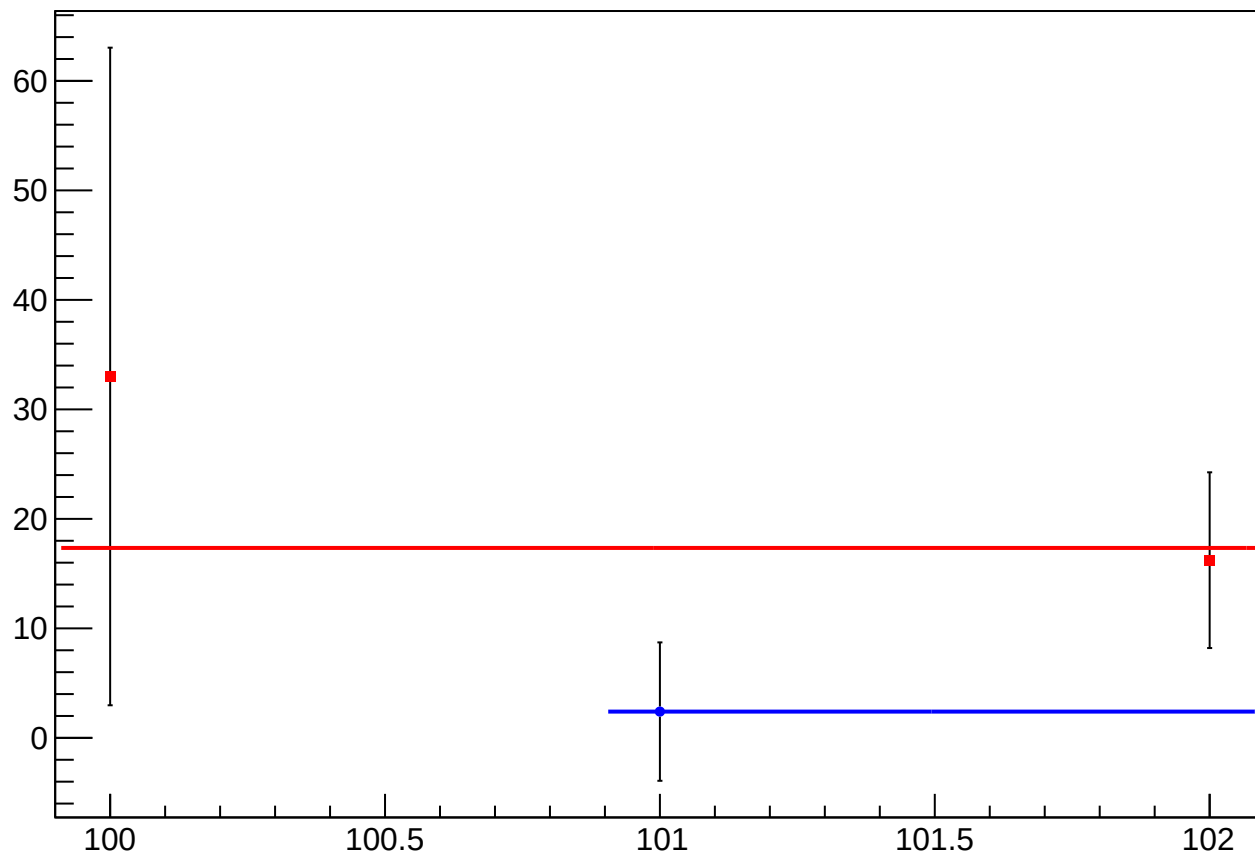
Right: -5.358+/-5.359 χ^2/NDF : 8.5/2

In: -16.921+/-7.746 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.358+/-5.359 χ^2/NDF : 8.5/2

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.400+/-6.320 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.346+/-7.752 χ^2/NDF : 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

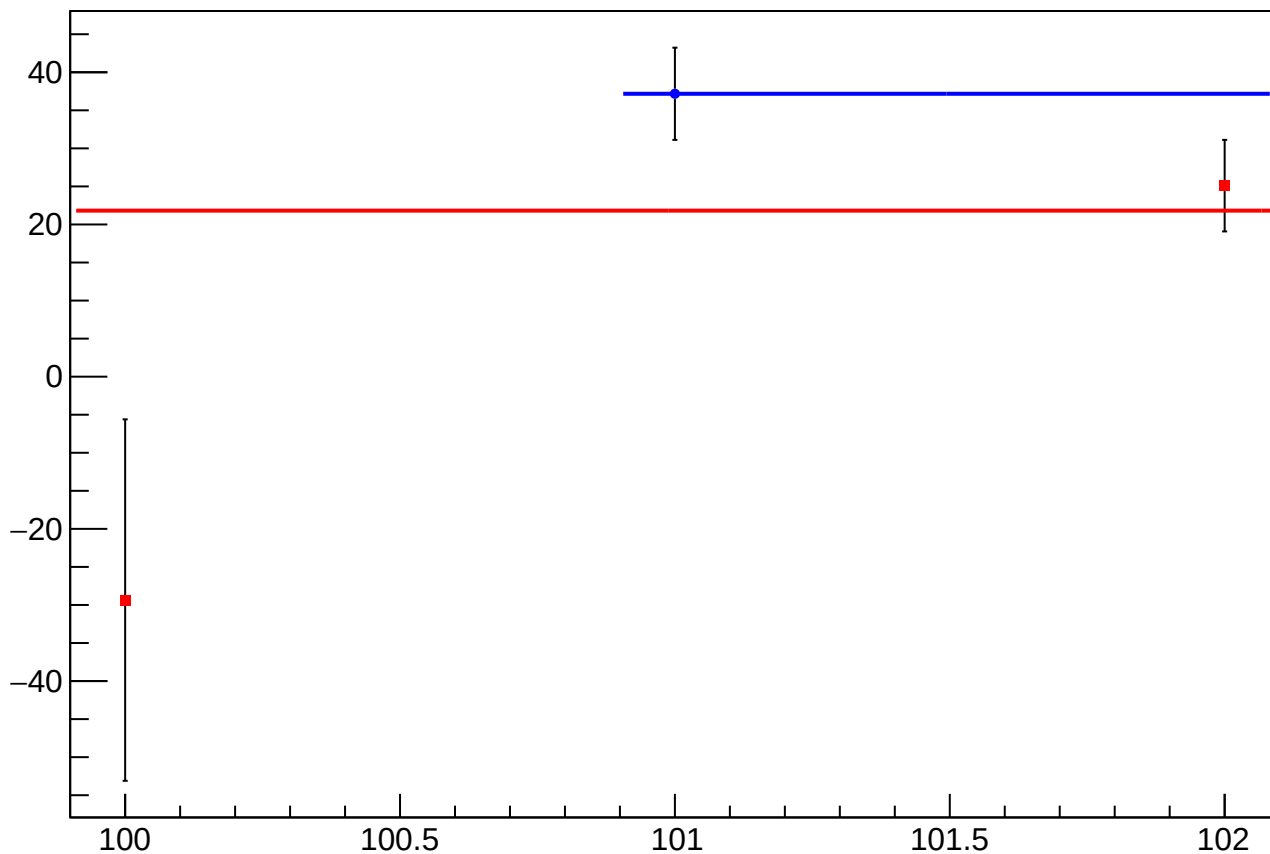
Right: 8.367+/-4.898 χ^2/NDF : 2.5/2

In: 2.400+/-6.320 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.367+/-4.898 χ^2/NDF : 2.5/2

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 37.174+/-6.059 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.819+/-5.831 χ^2/NDF : 4.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

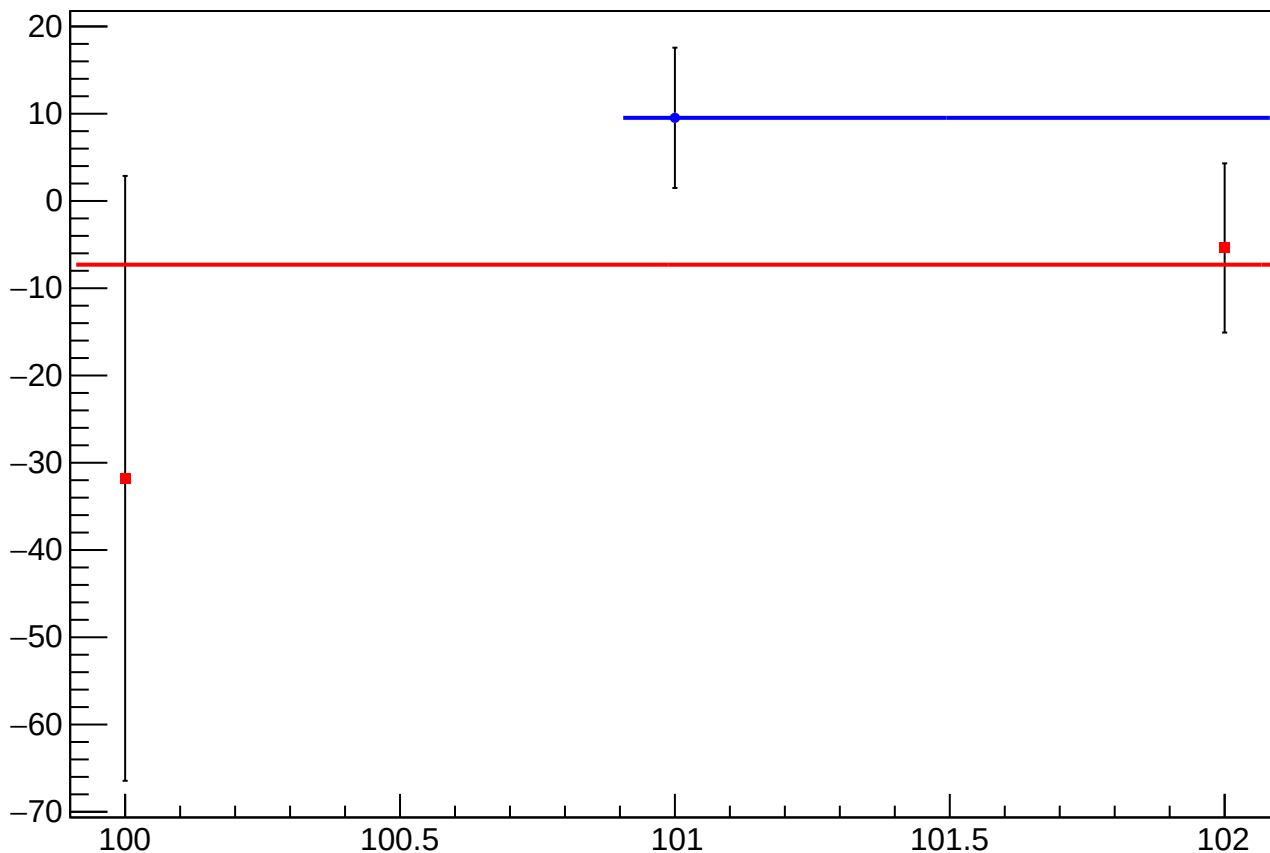
Right: 29.203+/-4.201 χ^2/NDF : 8.3/2

In: 37.174+/-6.059 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.203+/-4.201 χ^2/NDF : 8.3/2

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.528+/-8.040 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.301+/-9.335 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

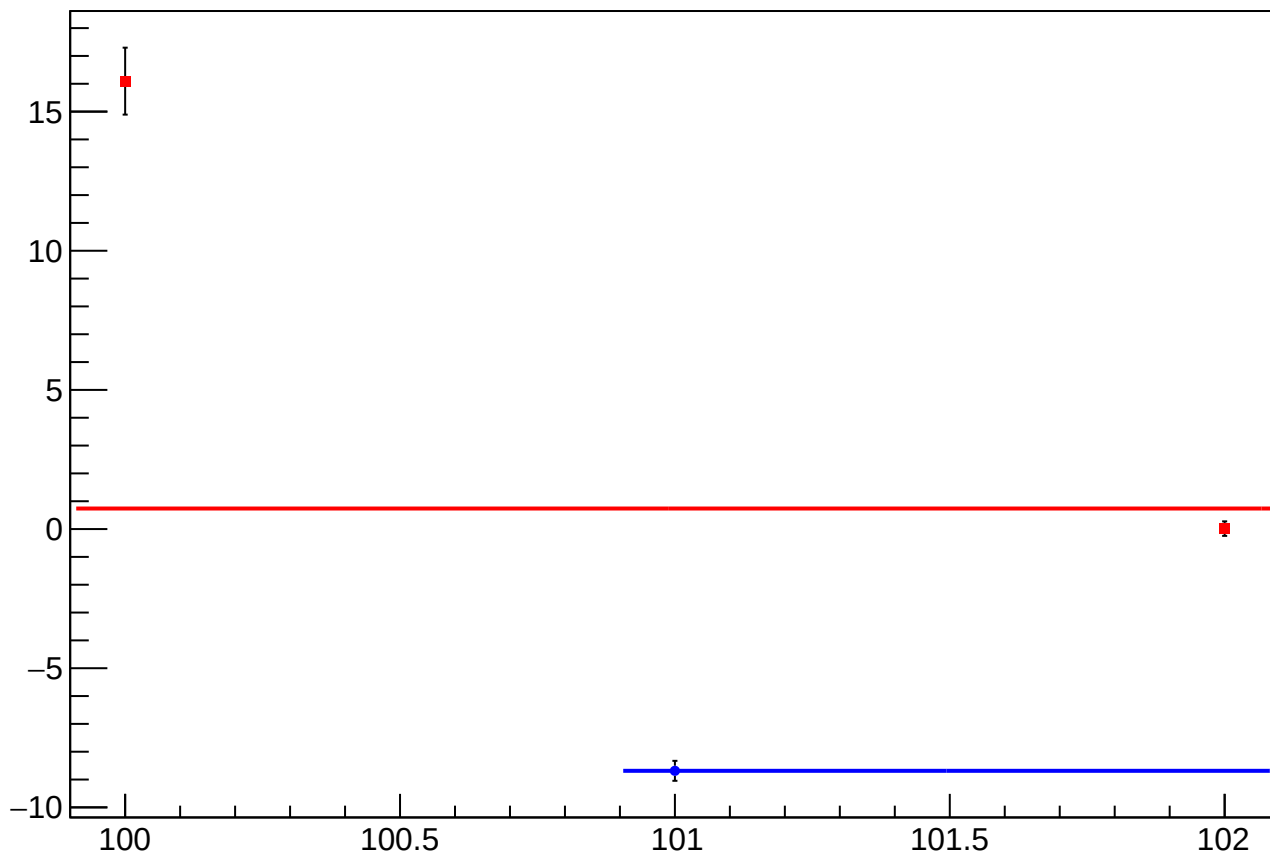
Right: 2.361+/-6.092 χ^2/NDF : 2.4/2

In: 9.528+/-8.040 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.361+/-6.092 χ^2/NDF : 2.4/2

reg_asym_us_avg_at1lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.687 $\pm$ 0.358 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.738 $\pm$ 0.255 χ^2 /NDF: 170.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

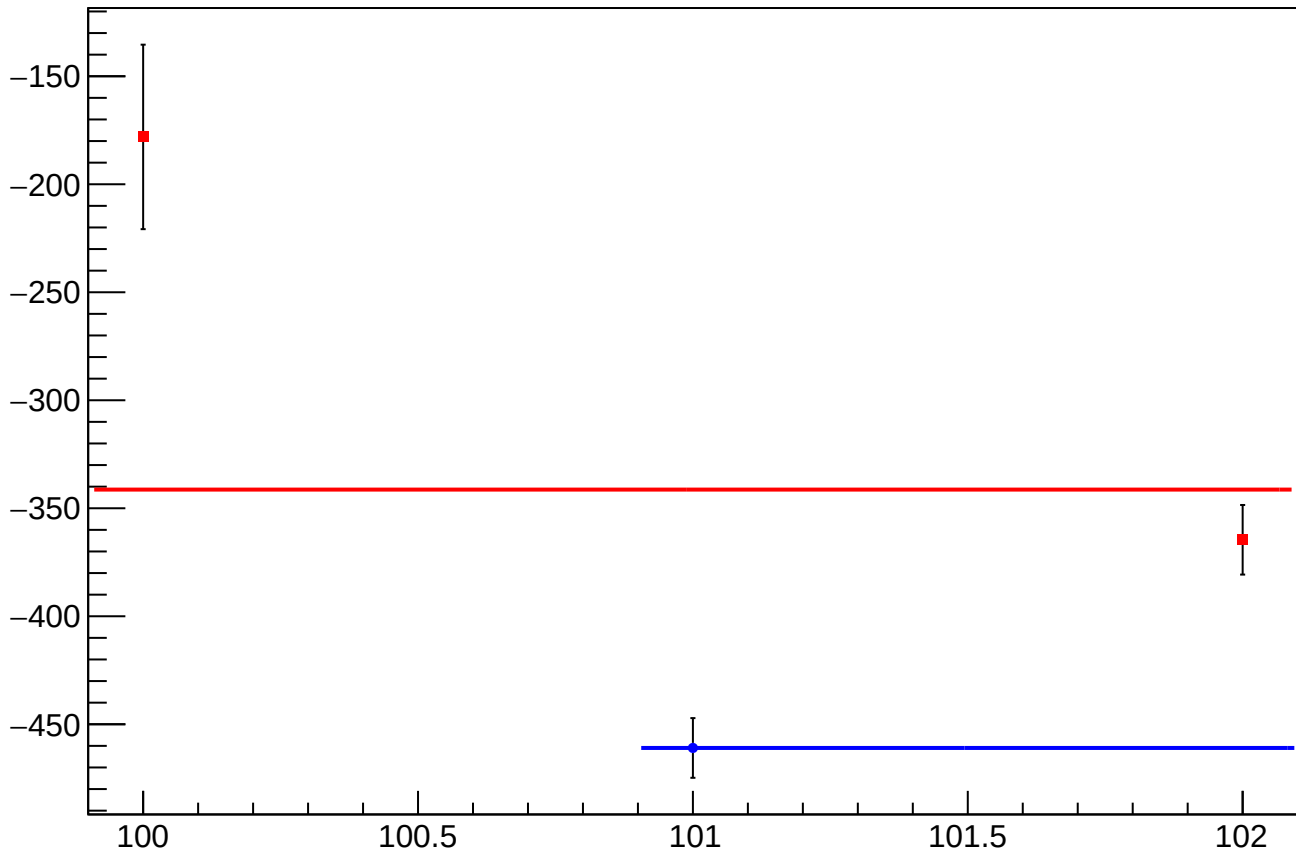
Right: -2.426 $\pm$ 0.208 χ^2 /NDF: 629.9/2

In: -8.687 $\pm$ 0.358 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2.426 $\pm$ 0.208 χ^2 /NDF: 629.9/2

reg_asym_us_avg_at2lr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -460.965+/-13.818 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -341.354+/-15.074 χ^2/NDF : 16.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

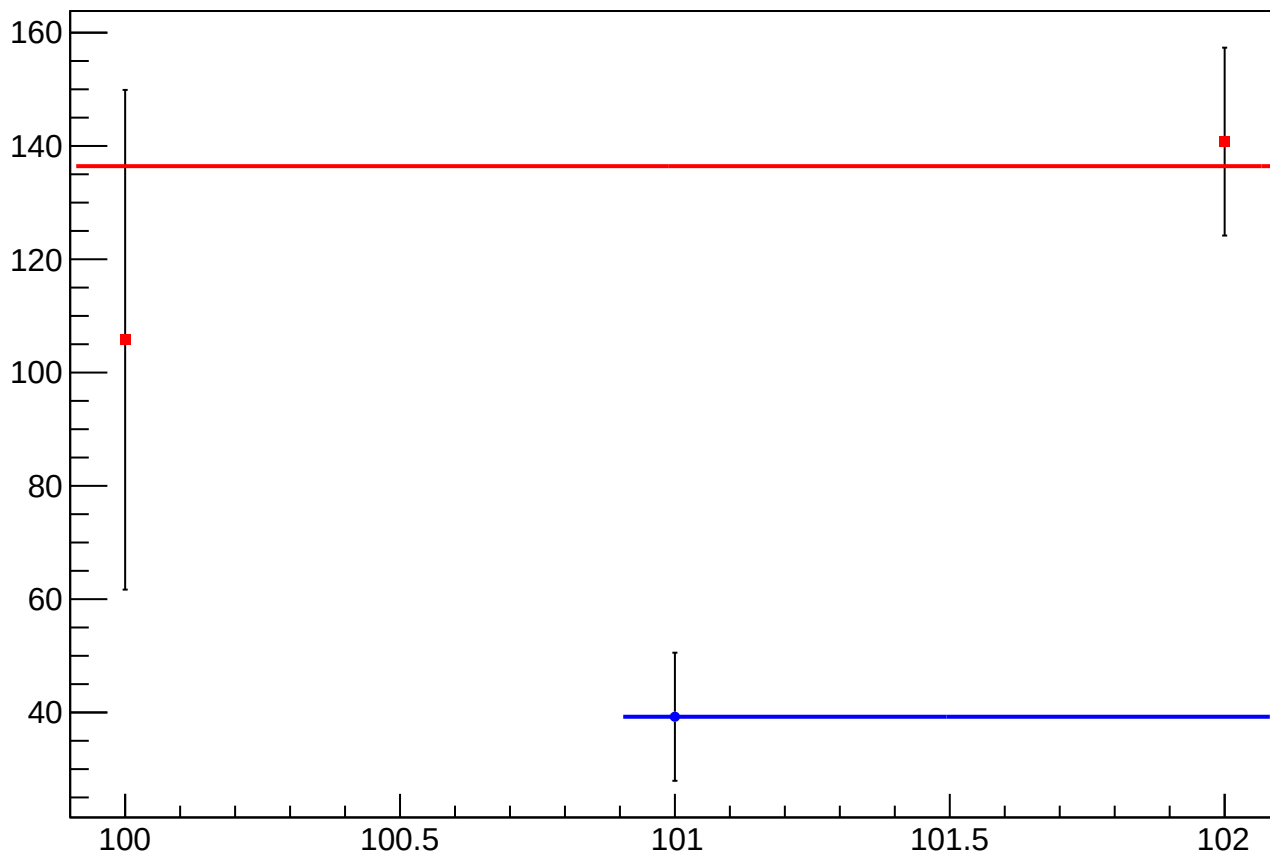
Right: -406.350+/-10.186 χ^2/NDF : 50.9/2

In: -460.965+/-13.818 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -406.350+/-10.186 χ^2/NDF : 50.9/2

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 39.244+/-11.306 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.435+/-15.522 χ^2/NDF : 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

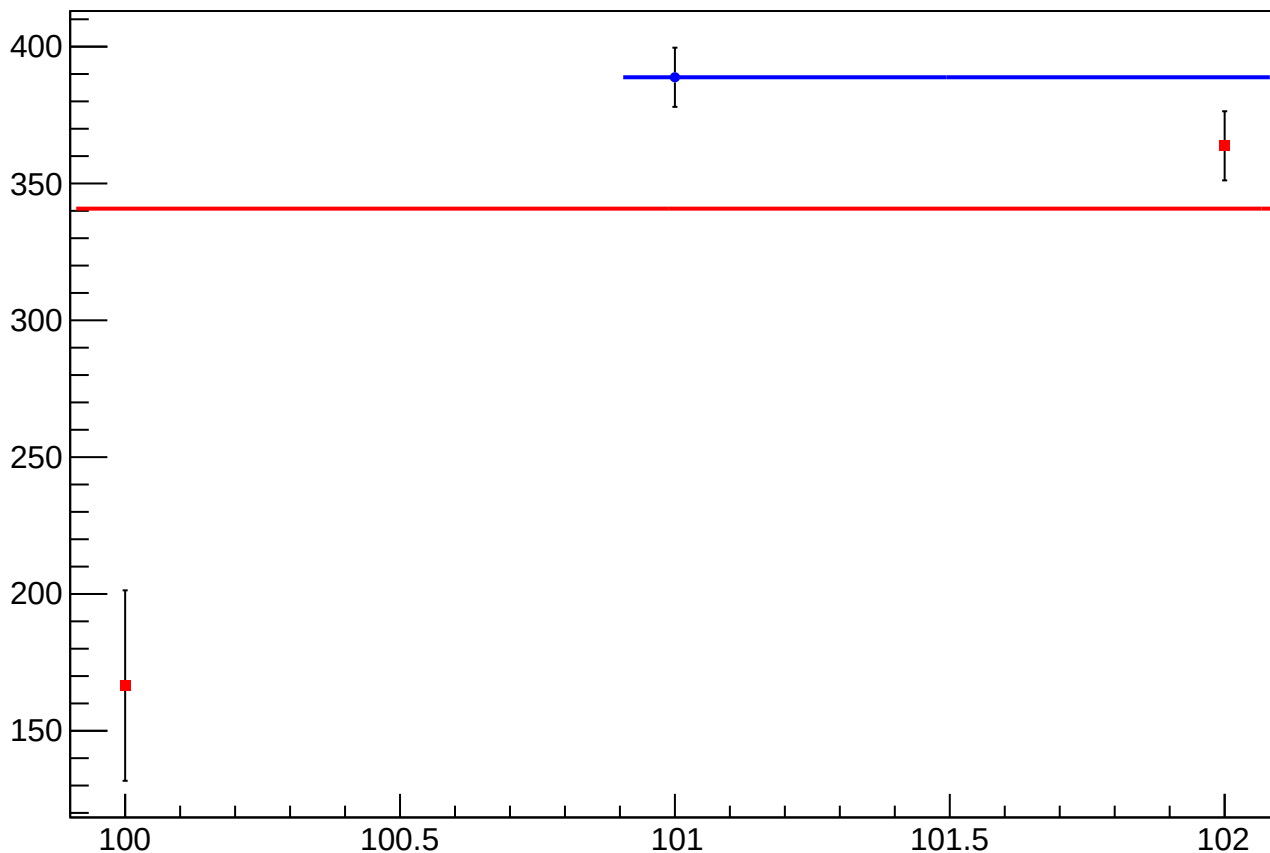
Right: 72.936+/-9.139 χ^2/NDF : 26.2/2

In: 39.244+/-11.306 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.936+/-9.139 χ^2/NDF : 26.2/2

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 388.810+/-10.815 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 340.809+/-11.871 χ^2/NDF : 28.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

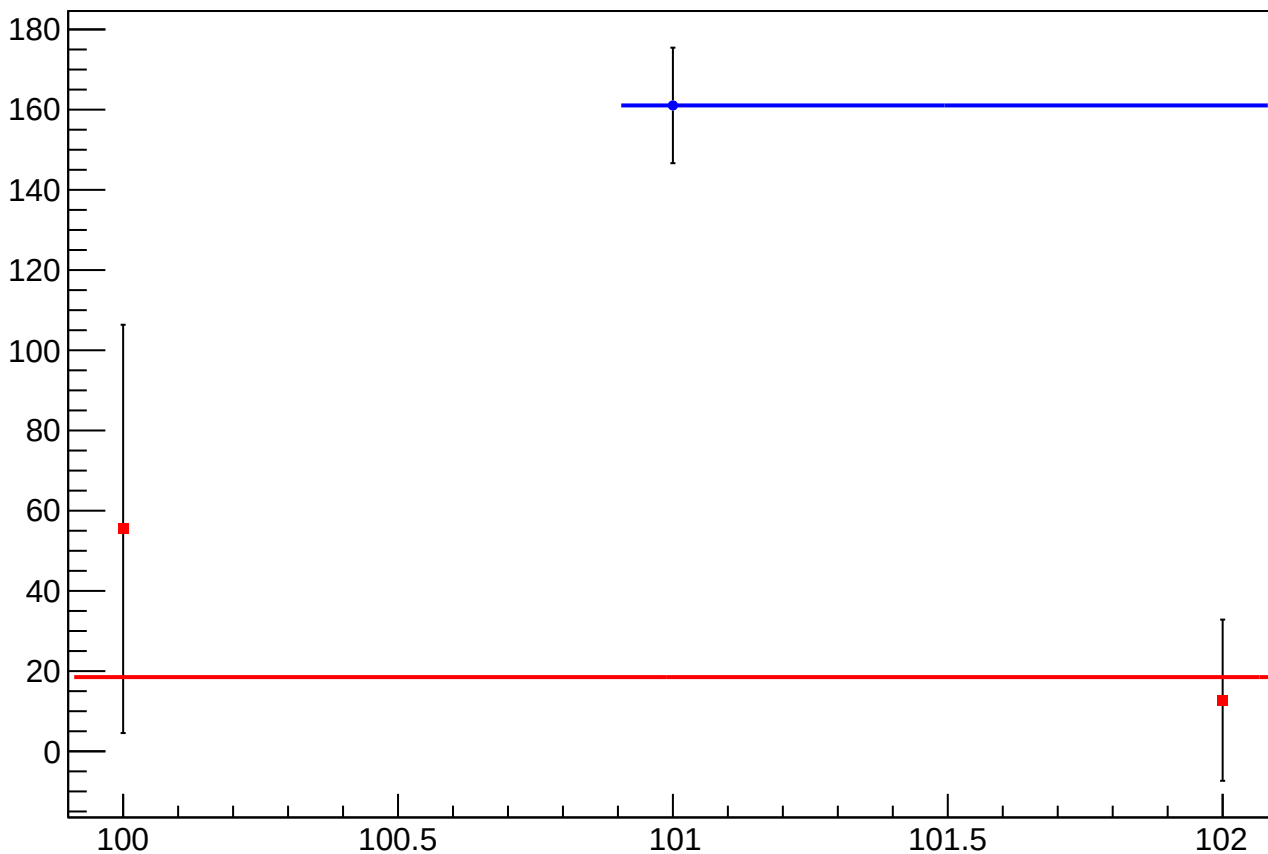
Right: 367.037+/-7.995 χ^2/NDF : 37.3/2

In: 388.810+/-10.815 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 367.037+/-7.995 χ^2/NDF : 37.3/2

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 161.050+/-14.403 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.506+/-18.693 χ^2/NDF : 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

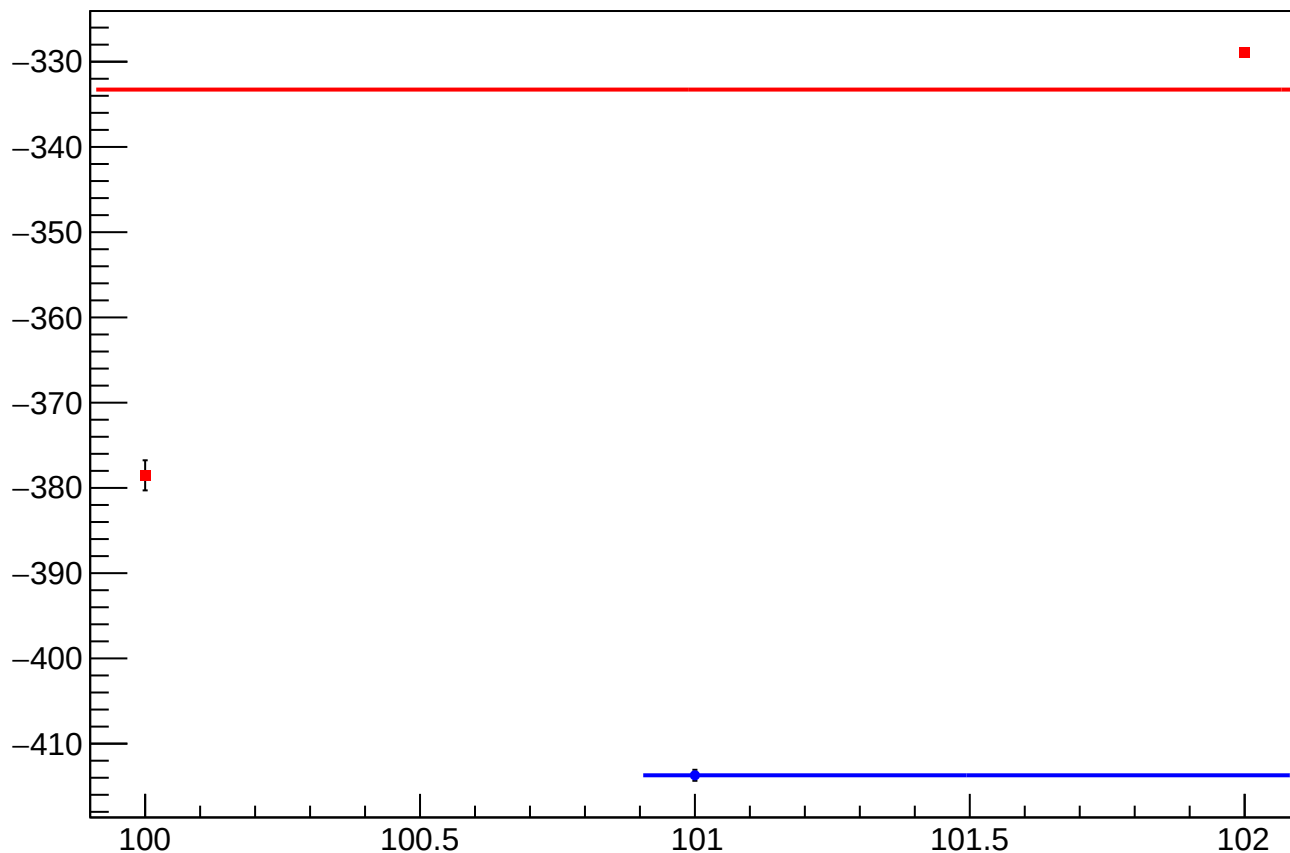
Right: 107.950+/-11.409 χ^2/NDF : 37.1/2

In: 161.050+/-14.403 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.950+/-11.409 χ^2/NDF : 37.1/2

reg_asym_us_avg_at2lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -413.712 $\pm$ 0.646 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -333.270 $\pm$ 0.524 χ^2 /NDF: 720.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

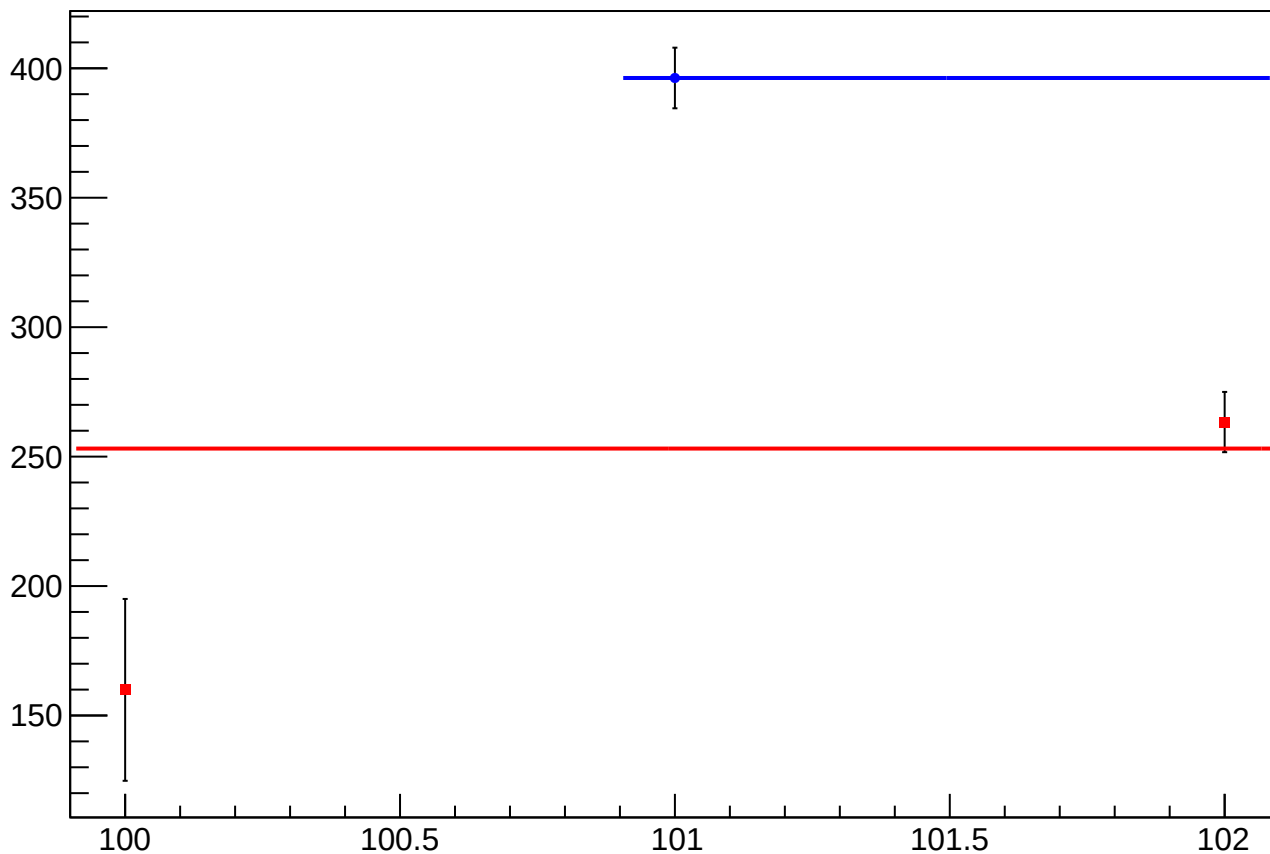
Right: -365.195 $\pm$ 0.407 χ^2 /NDF: 10082.6/2

In: -413.712 $\pm$ 0.646 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -365.195 $\pm$ 0.407 χ^2 /NDF: 10082.6/2

reg_asym_us_avg_at2lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 396.255+/-11.710 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 253.110+/-11.050 χ^2/NDF : 7.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

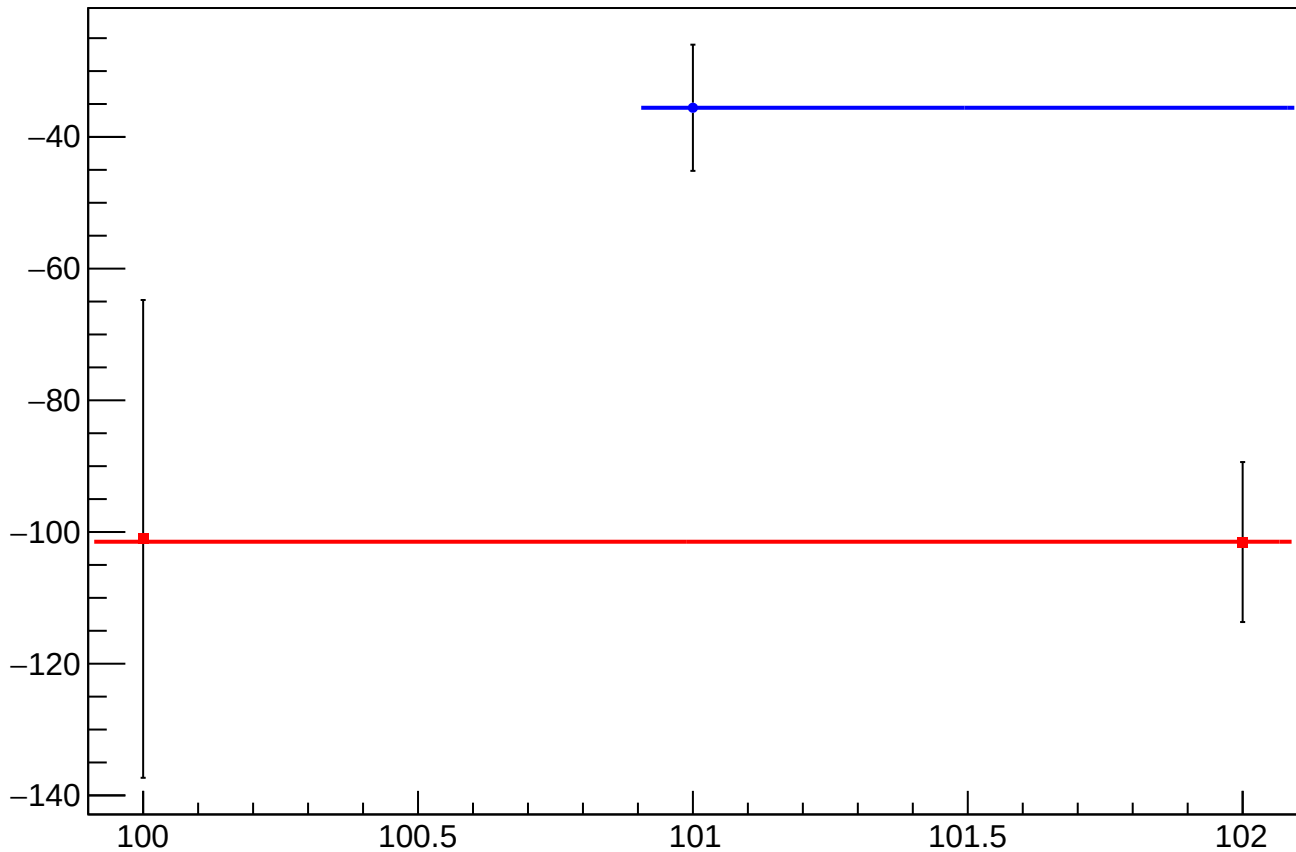
Right: 320.529+/-8.037 χ^2/NDF : 86.9/2

In: 396.255+/-11.710 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 320.529+/-8.037 χ^2/NDF : 86.9/2

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -35.571+/-9.582 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -101.476+/-11.520 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

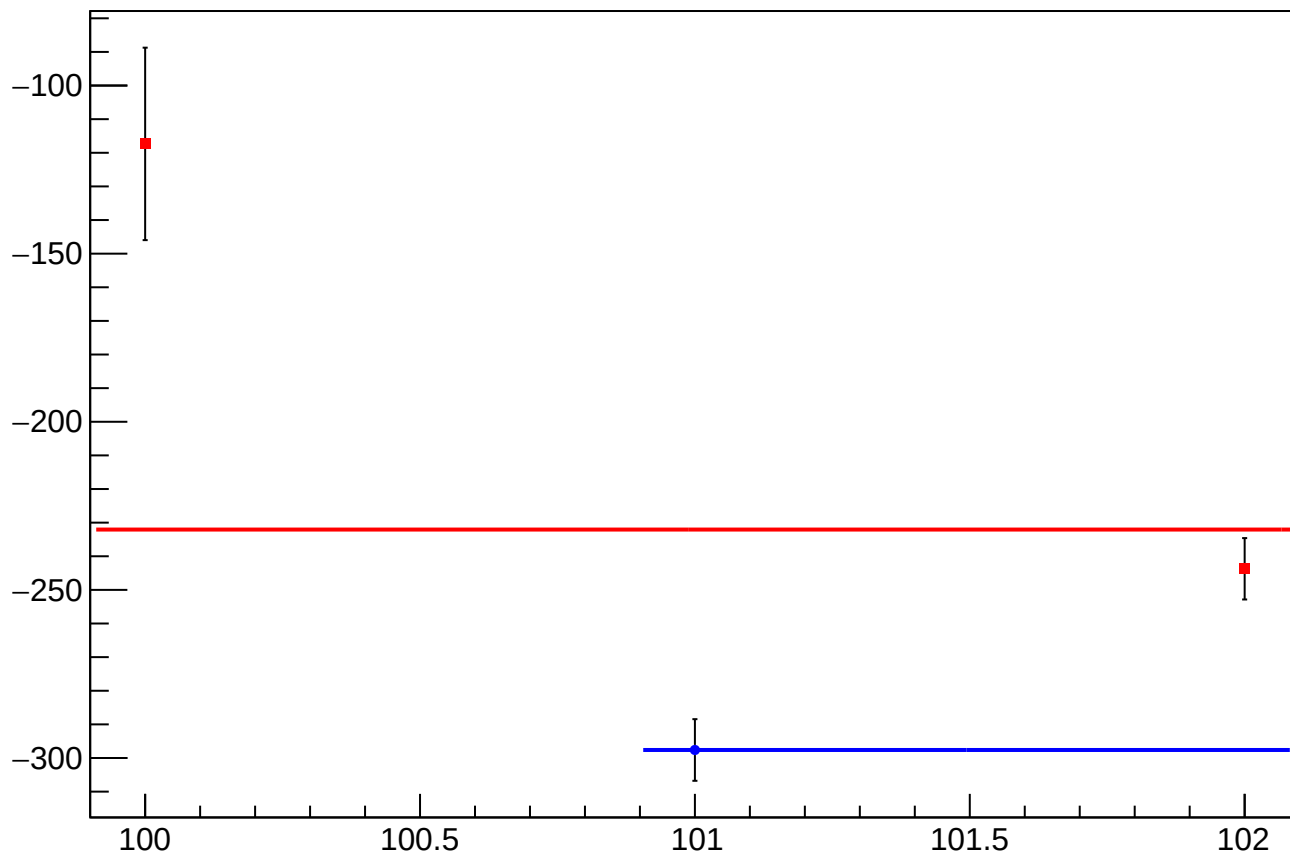
Right: -62.521+/-7.367 χ^2/NDF : 19.3/2

In: -35.571+/-9.582 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -62.521+/-7.367 χ^2/NDF : 19.3/2

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -297.615+/-9.166 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -232.057+/-8.696 χ^2/NDF : 17.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

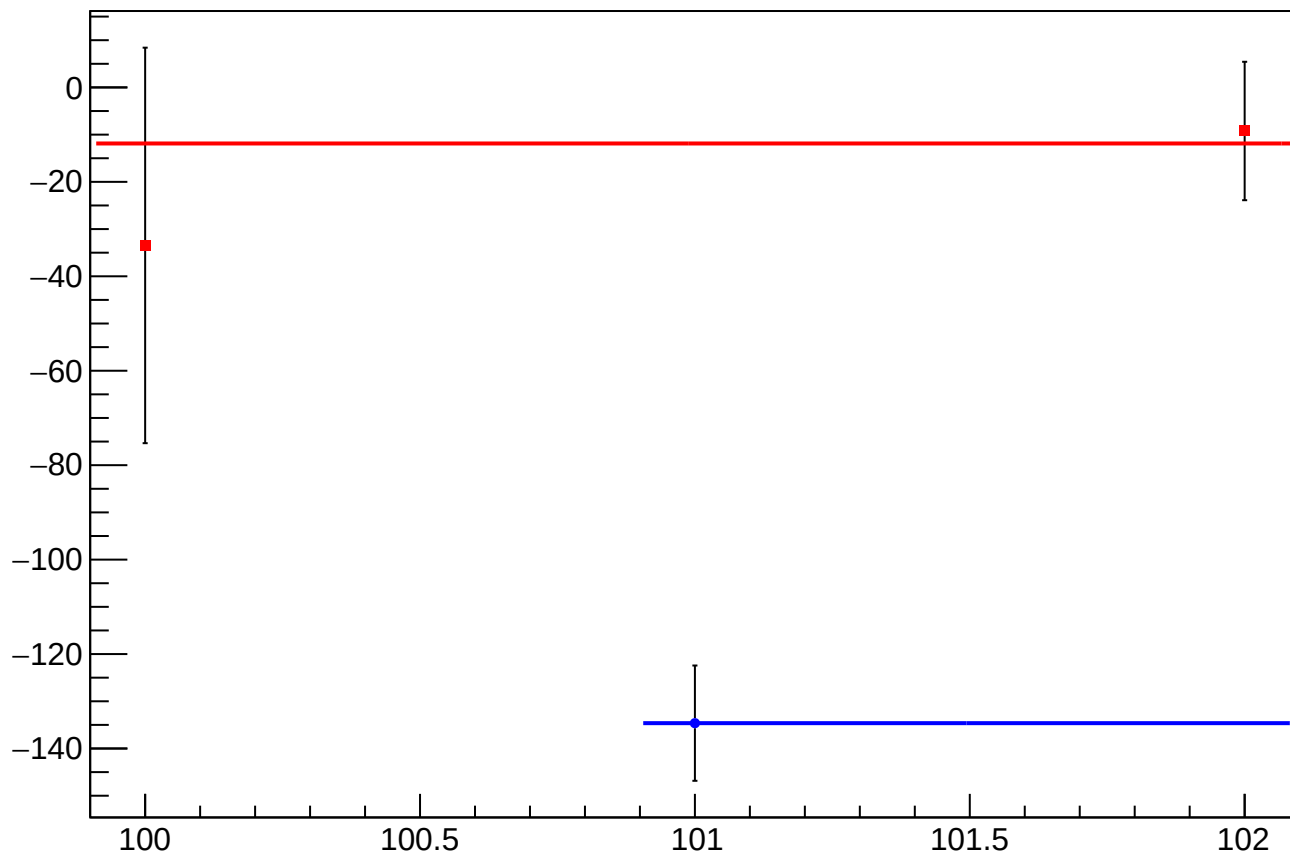
Right: -263.114+/-6.309 χ^2/NDF : 44.6/2

In: -297.615+/-9.166 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -263.114+/-6.309 χ^2/NDF : 44.6/2

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -134.633+/-12.207 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.872+/-13.834 χ^2/NDF : 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

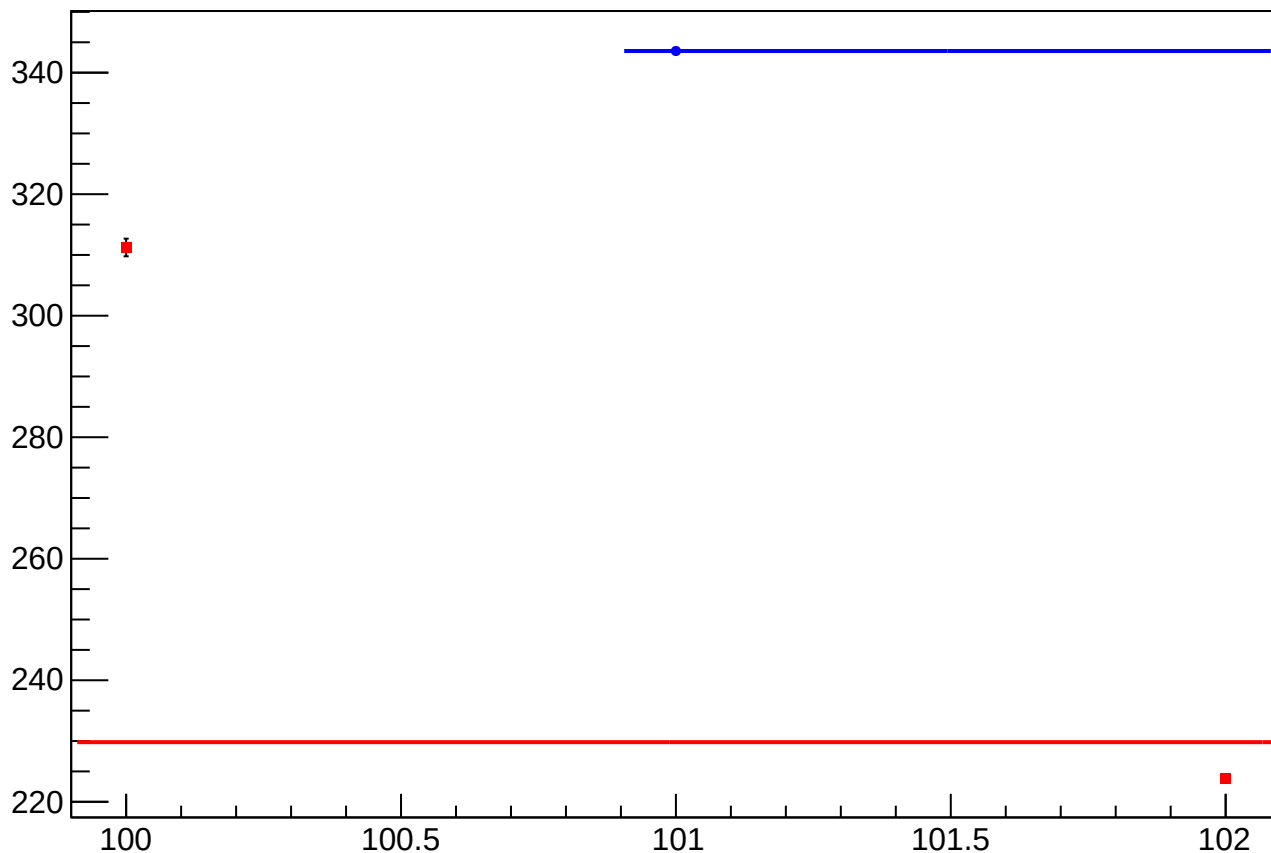
Right: -80.894+/-9.153 χ^2/NDF : 44.6/2

In: -134.633+/-12.207 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -80.894+/-9.153 χ^2/NDF : 44.6/2

reg_asym_us_avg_at2lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 343.566 $\pm$ 0.547 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 229.814 $\pm$ 0.379 χ^2 /NDF: 3373.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

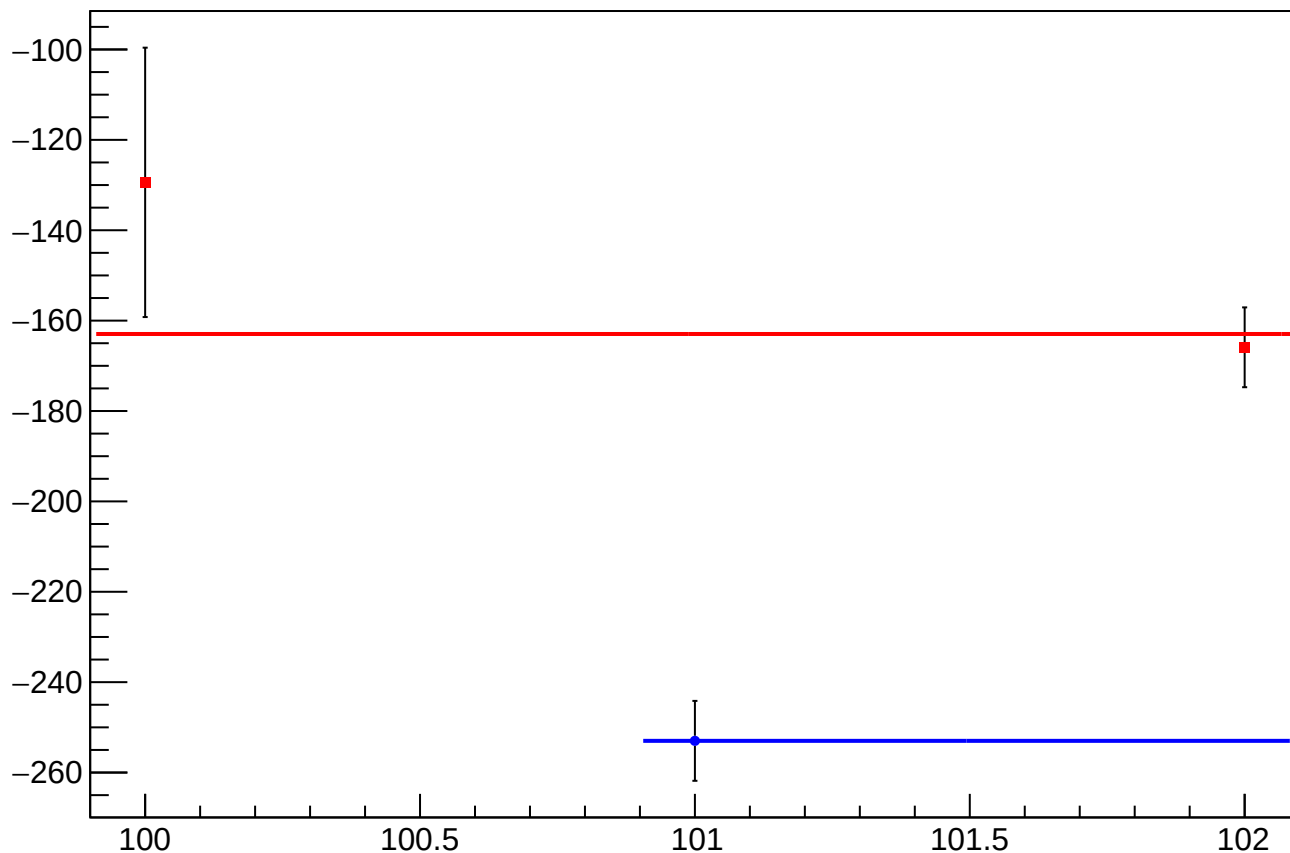
Right: 266.747 $\pm$ 0.312 χ^2 /NDF: 32555.1/2

In: 343.566 $\pm$ 0.547 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 266.747 $\pm$ 0.312 χ^2 /NDF: 32555.1/2

reg_asym_us_avg_atlr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -252.987+/-8.840 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -162.957+/-8.468 χ^2/NDF : 1.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

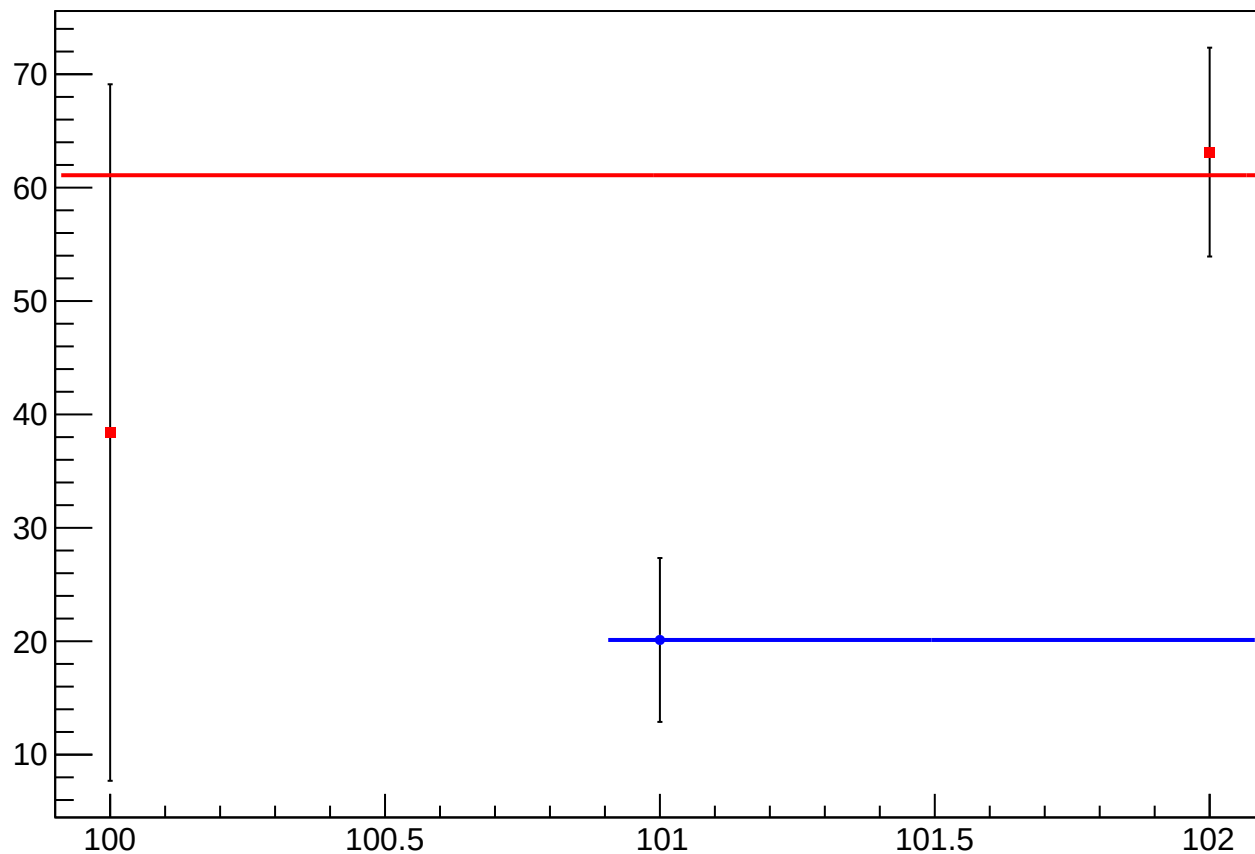
Right: -206.037+/-6.115 χ^2/NDF : 55.5/2

In: -252.987+/-8.840 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -206.037+/-6.115 χ^2/NDF : 55.5/2

reg_asym_us_avg_atlr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 20.113+/-7.226 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.094+/-8.820 χ^2/NDF : 0.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

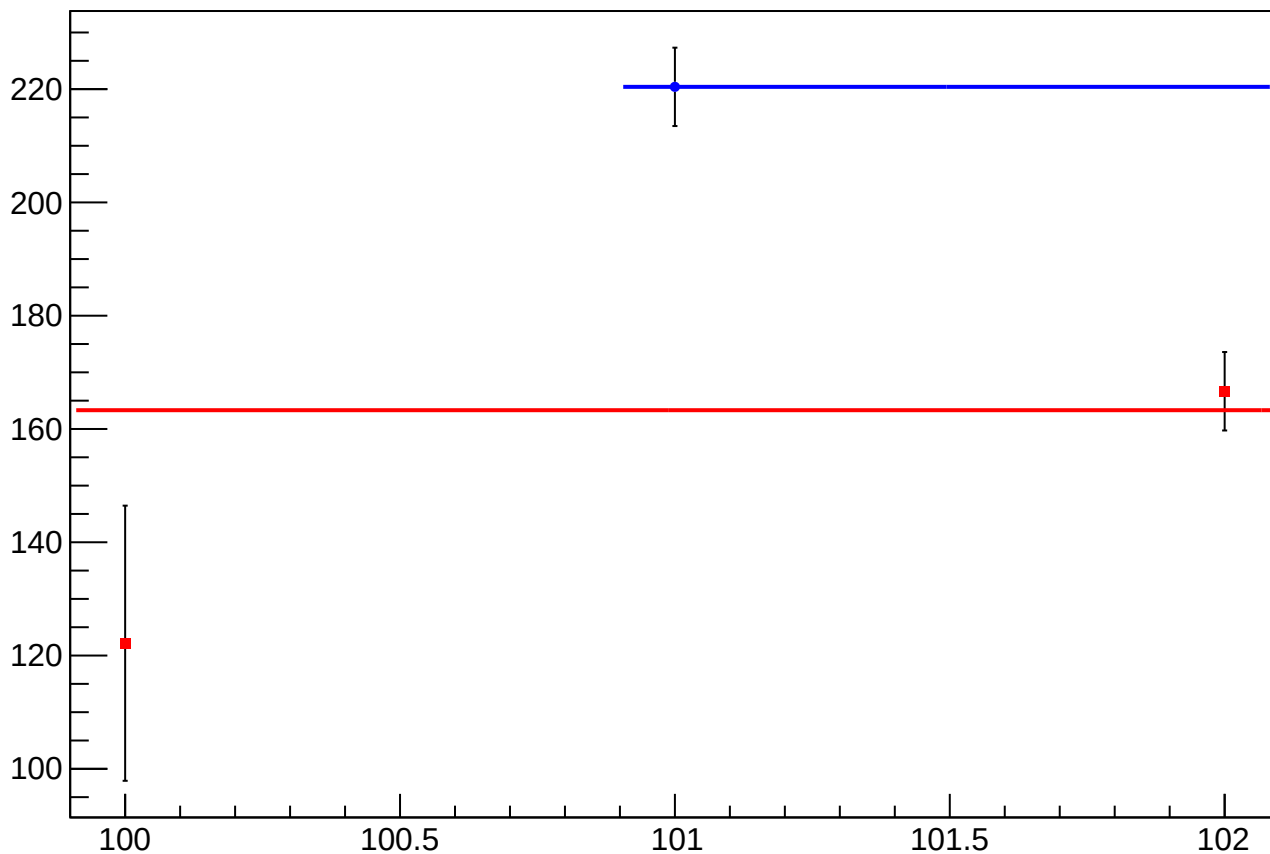
Right: 36.572+/-5.590 χ^2/NDF : 13.5/2

In: 20.113+/-7.226 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.572+/-5.590 χ^2/NDF : 13.5/2

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 220.402 $\pm$ 6.918 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 163.315 $\pm$ 6.661 χ^2 /NDF: 3.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

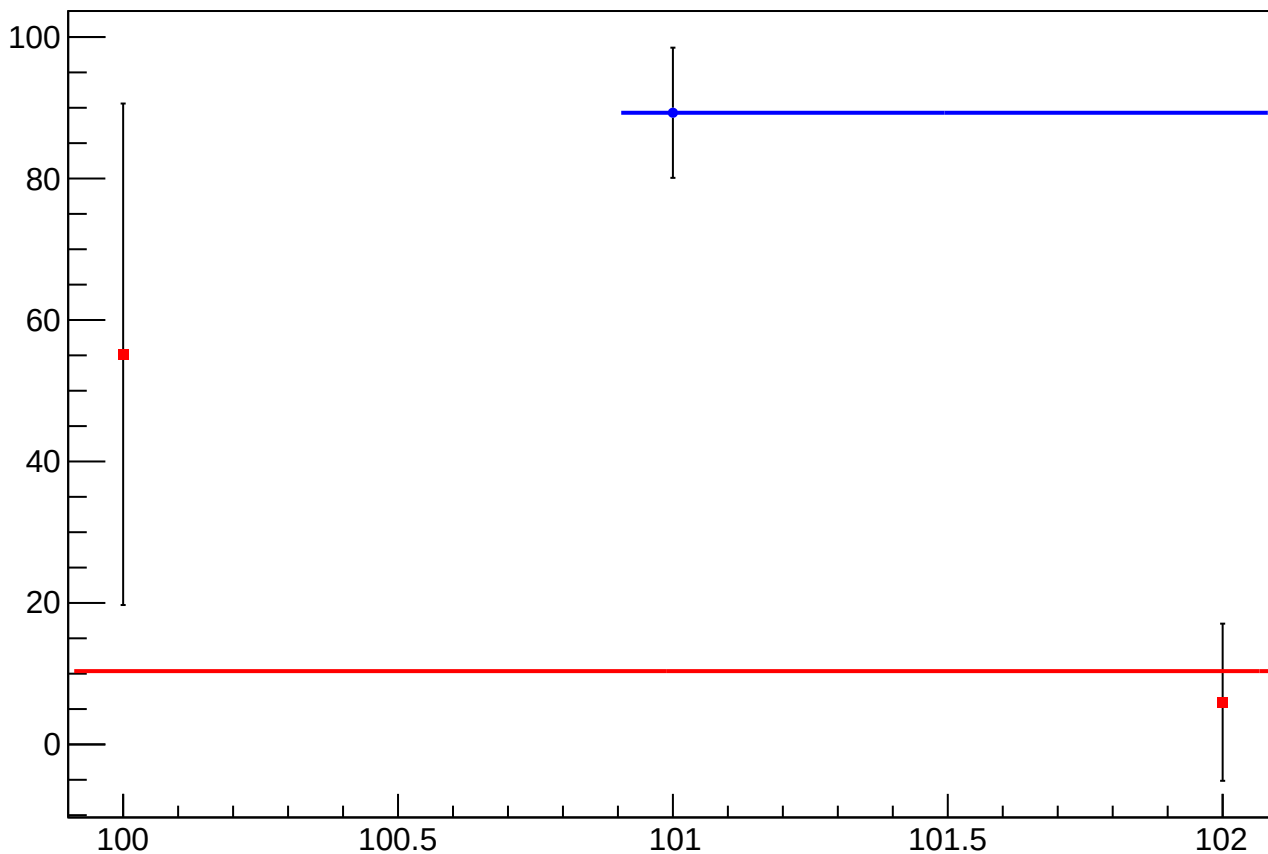
Right: 190.779 $\pm$ 4.798 χ^2 /NDF: 38.4/2

In: 220.402 $\pm$ 6.918 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 190.779 $\pm$ 4.798 χ^2 /NDF: 38.4/2

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 89.295+/-9.202 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.363+/-10.599 χ^2/NDF : 1.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

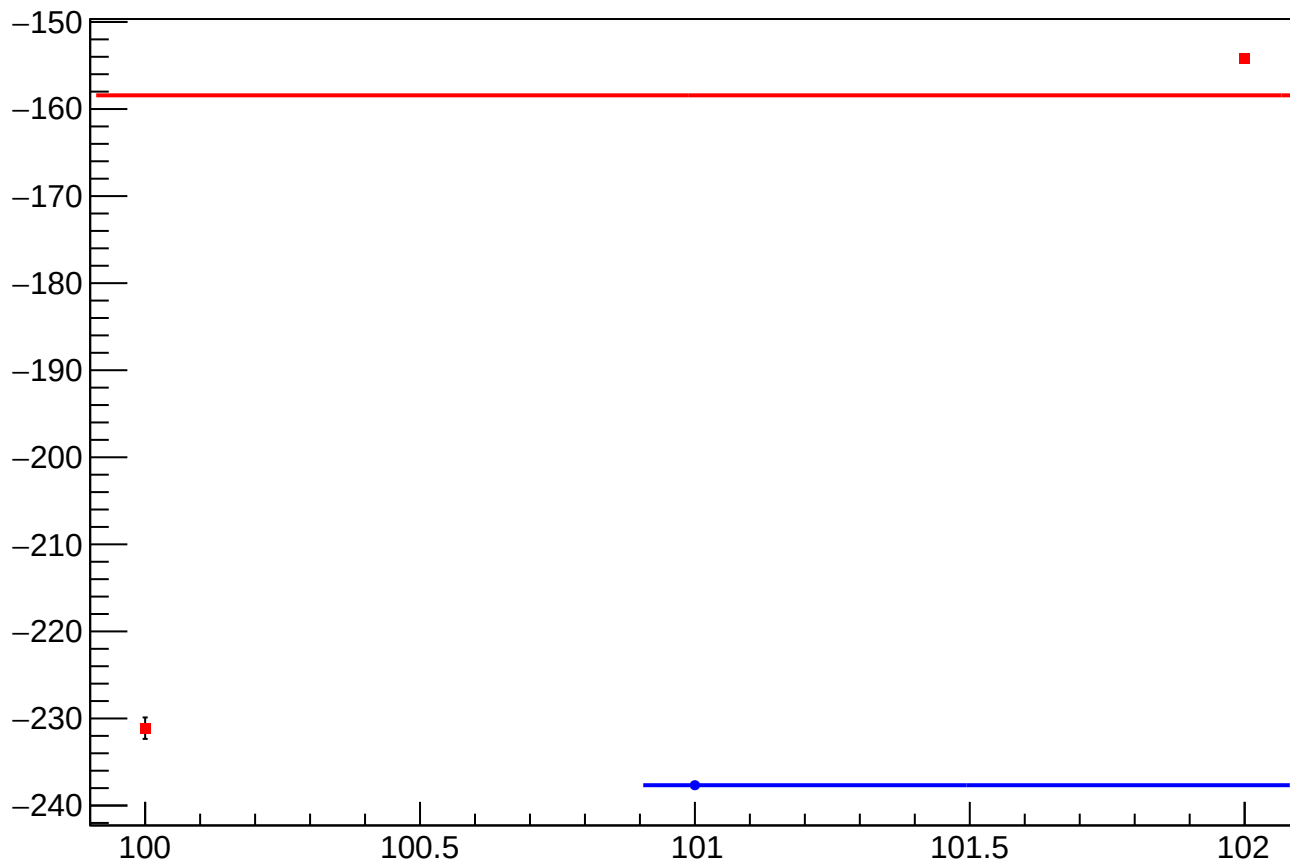
Right: 55.370+/-6.949 χ^2/NDF : 33.4/2

In: 89.295+/-9.202 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.370+/-6.949 χ^2/NDF : 33.4/2

reg_asym_us_avg_atlr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -237.666+/-0.412 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -158.426+/-0.290 χ^2/NDF : 3691.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

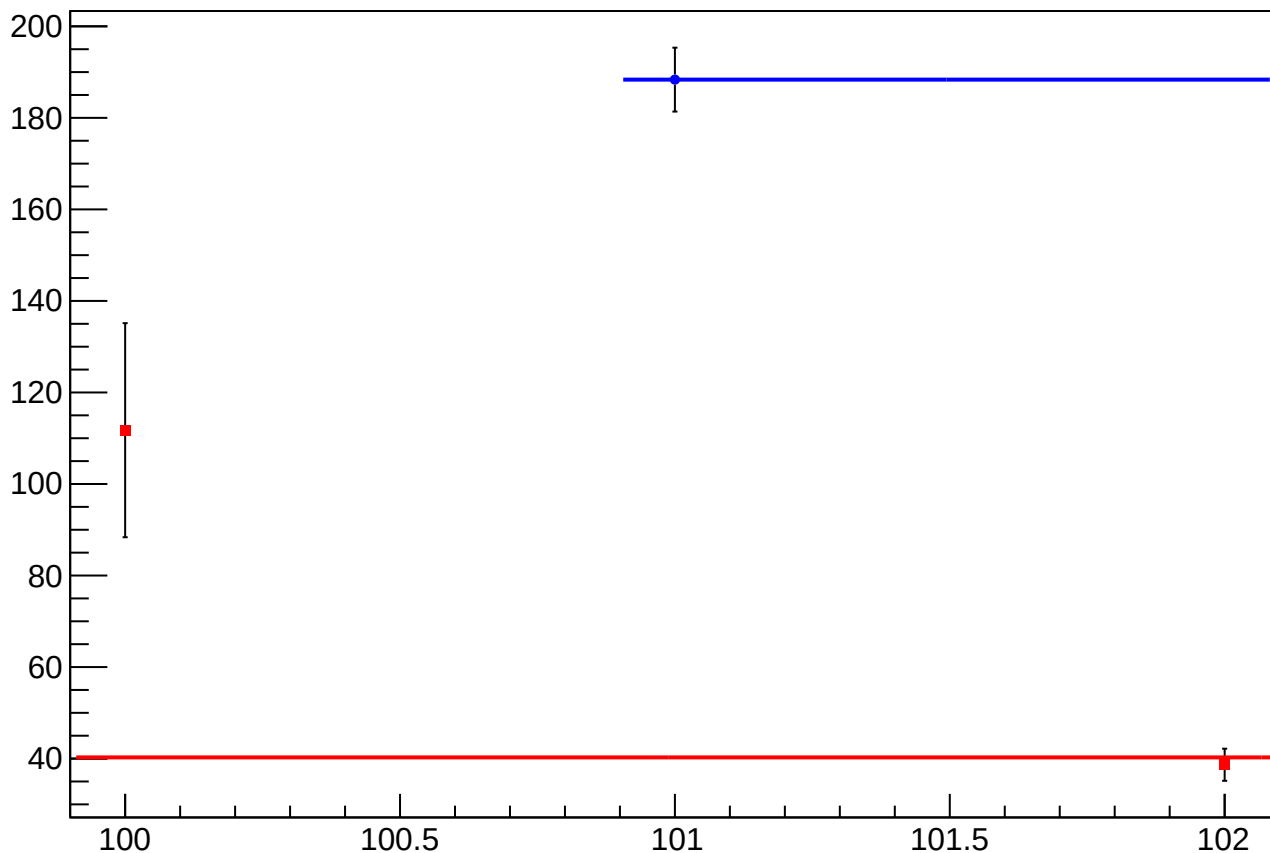
Right: -184.621+/-0.237 χ^2/NDF : 28447.4/2

In: -237.666+/-0.412 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -184.621+/-0.237 χ^2/NDF : 28447.4/2

reg_asym_us_avg_atlr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 188.355 $\pm$ 6.981 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 40.263 $\pm$ 3.468 χ^2 /NDF: 9.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

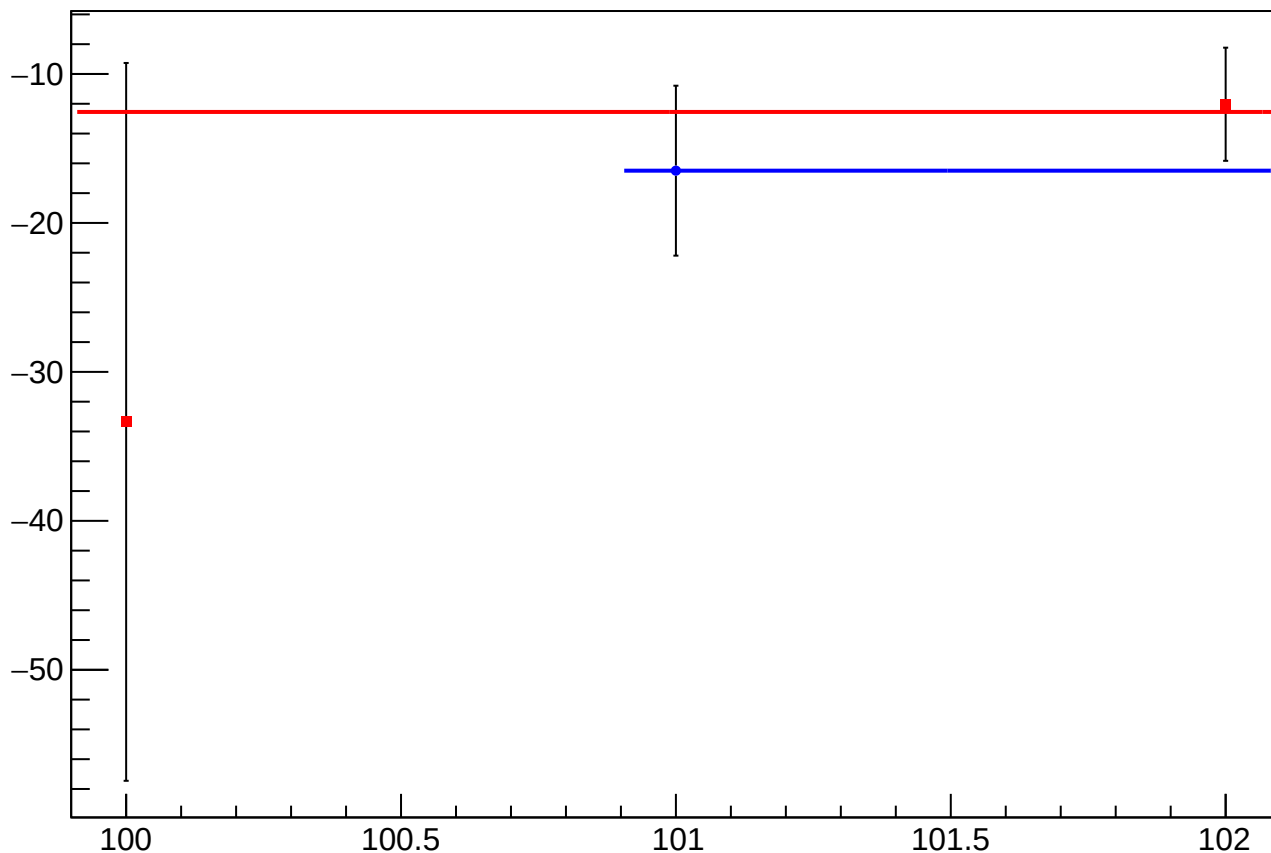
Right: 69.569 $\pm$ 3.106 χ^2 /NDF: 370.5/2

In: 188.355 $\pm$ 6.981 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 69.569 $\pm$ 3.106 χ^2 /NDF: 370.5/2

reg_asym_us_avg_atlr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -16.492 $\pm$ 5.704 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -12.549 $\pm$ 3.752 χ^2 /NDF: 0.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

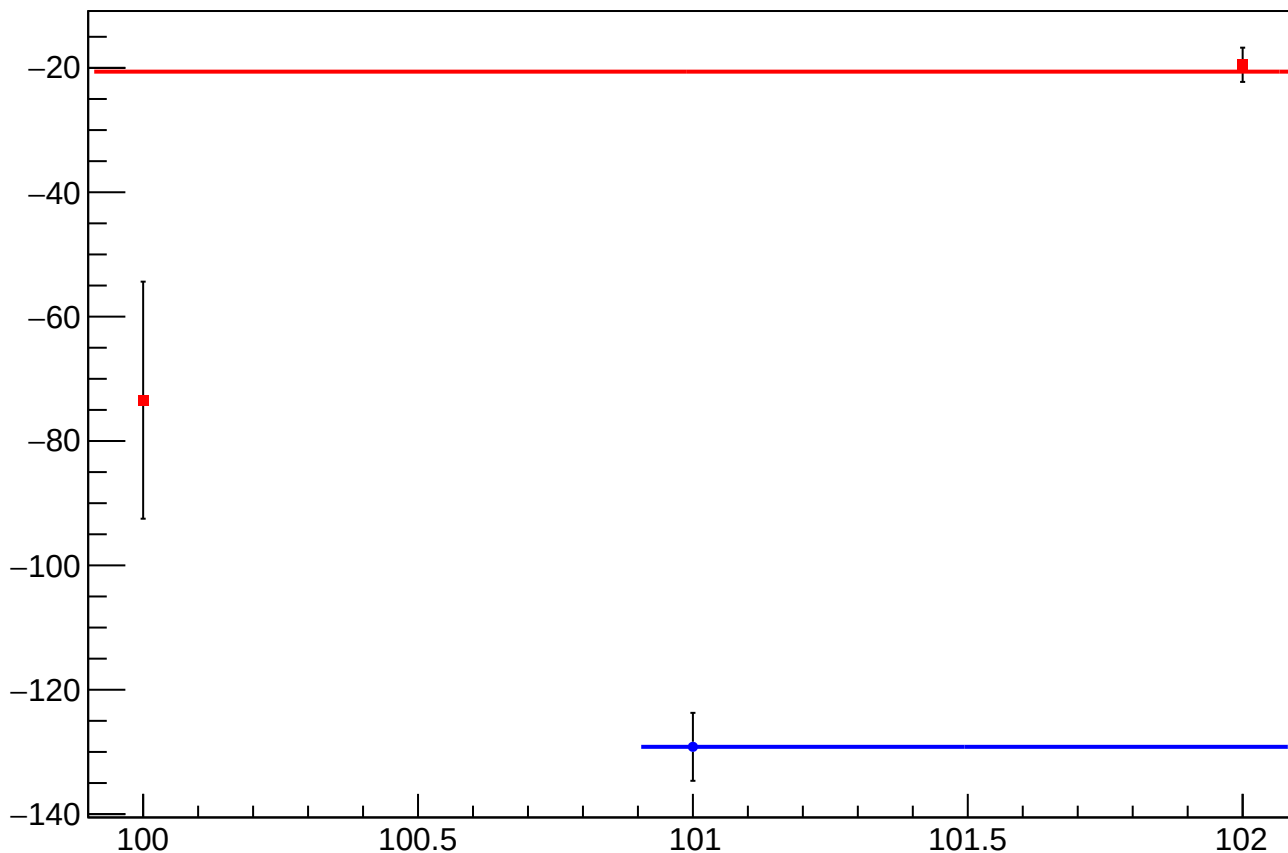
Right: -13.740 $\pm$ 3.134 χ^2 /NDF: 1.1/2

In: -16.492 $\pm$ 5.704 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -13.740 $\pm$ 3.134 χ^2 /NDF: 1.1/2

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -129.178+/-5.463 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.604+/-2.725 χ^2/NDF : 7.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

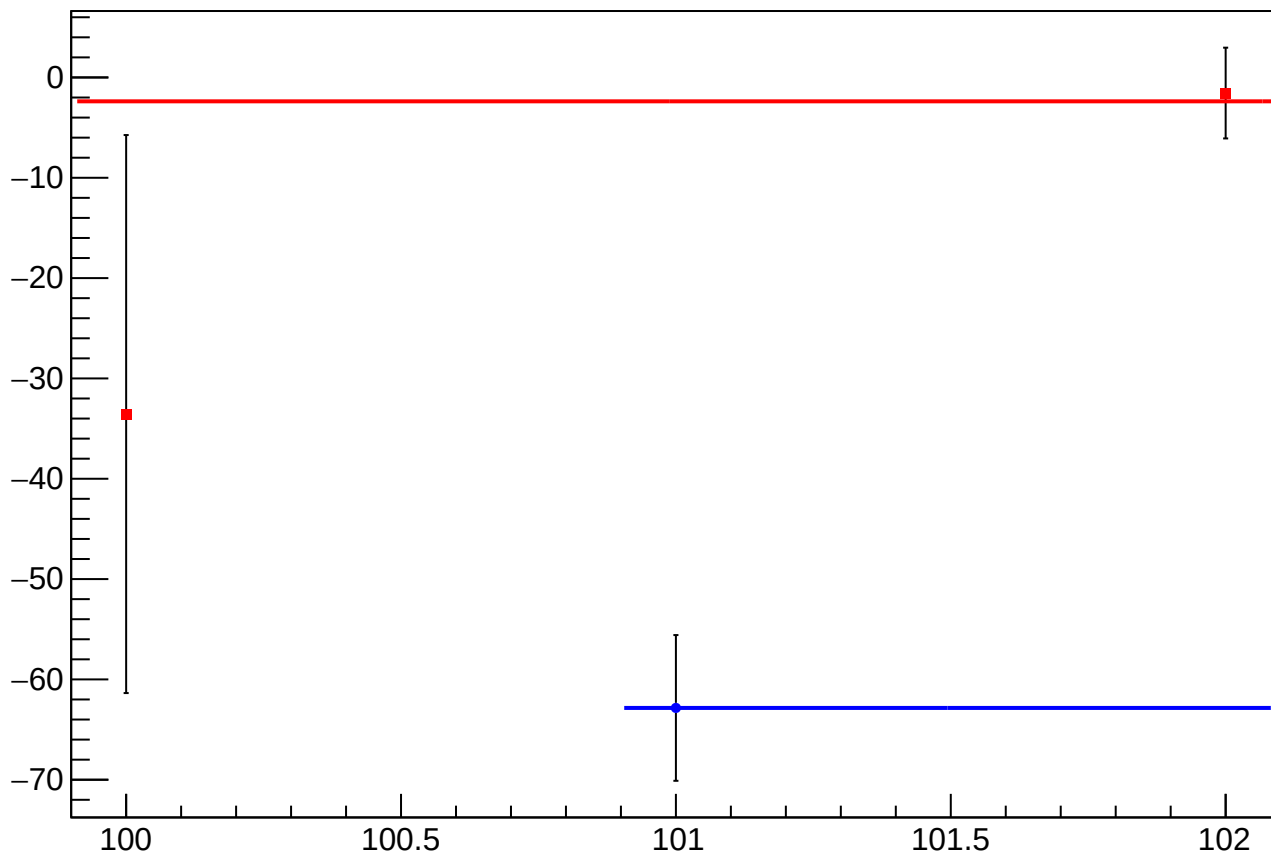
Right: -42.232+/-2.438 χ^2/NDF : 324.2/2

In: -129.178+/-5.463 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.232+/-2.438 χ^2/NDF : 324.2/2

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -62.843+/-7.263 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.380+/-4.465 χ^2/NDF : 1.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

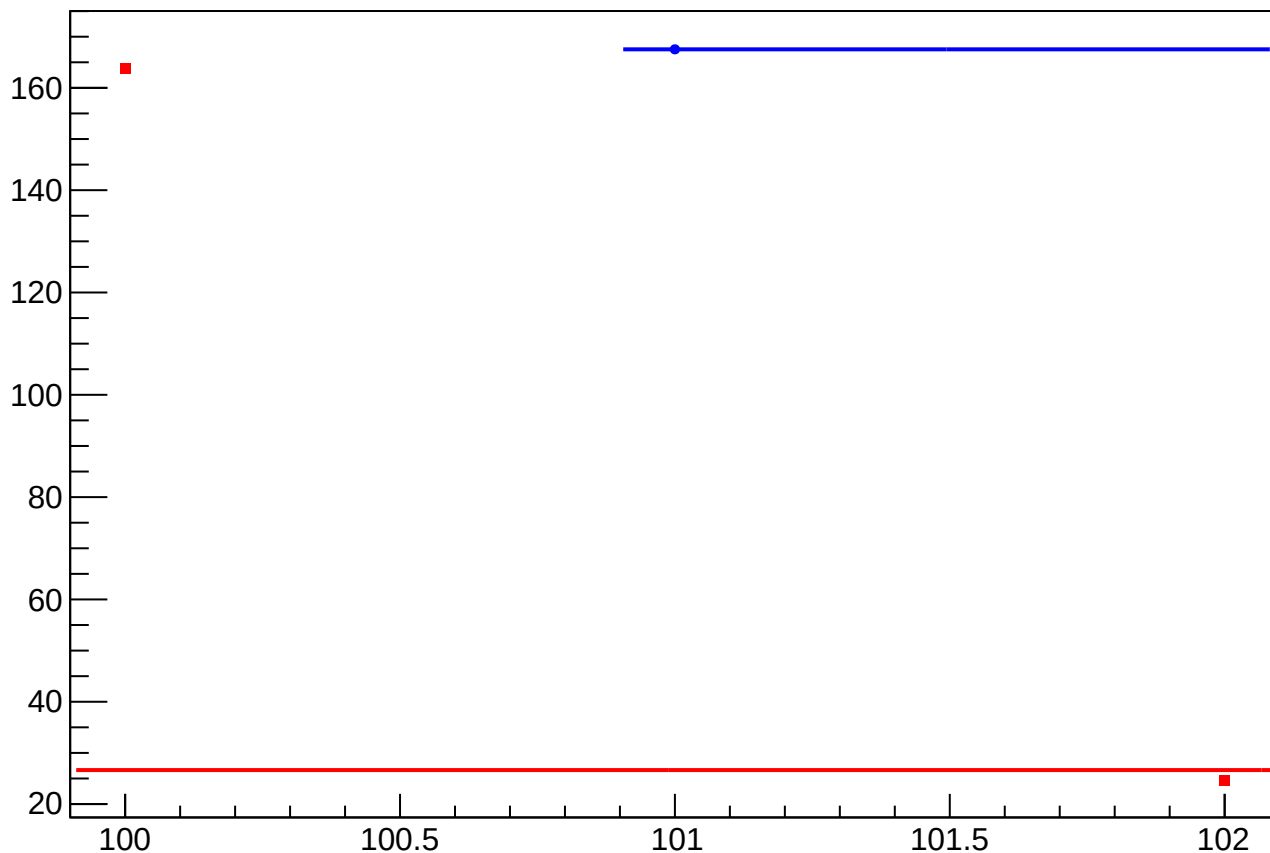
Right: -18.964+/-3.804 χ^2/NDF : 51.6/2

In: -62.843+/-7.263 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.964+/-3.804 χ^2/NDF : 51.6/2

reg_asym_us_avg_atlr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 167.532 $\pm$ 0.325 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 26.645 $\pm$ 0.115 χ^2 /NDF: 20475.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

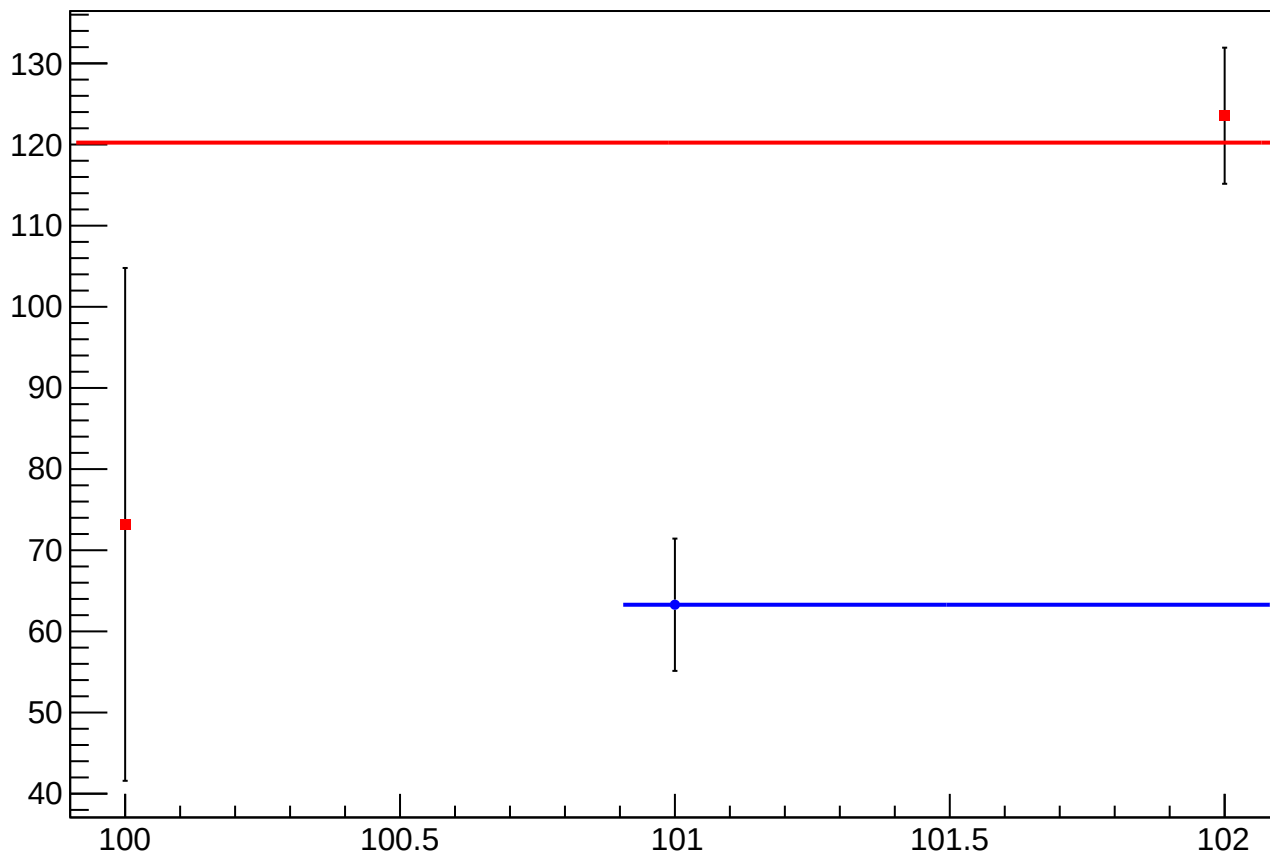
Right: 42.369 $\pm$ 0.109 χ^2 /NDF: 187383.1/2

In: 167.532 $\pm$ 0.325 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 42.369 $\pm$ 0.109 χ^2 /NDF: 187383.1/2

reg_asym_us_dd_at1lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 63.284+/-8.151 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.235+/-8.106 χ^2/NDF : 2.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

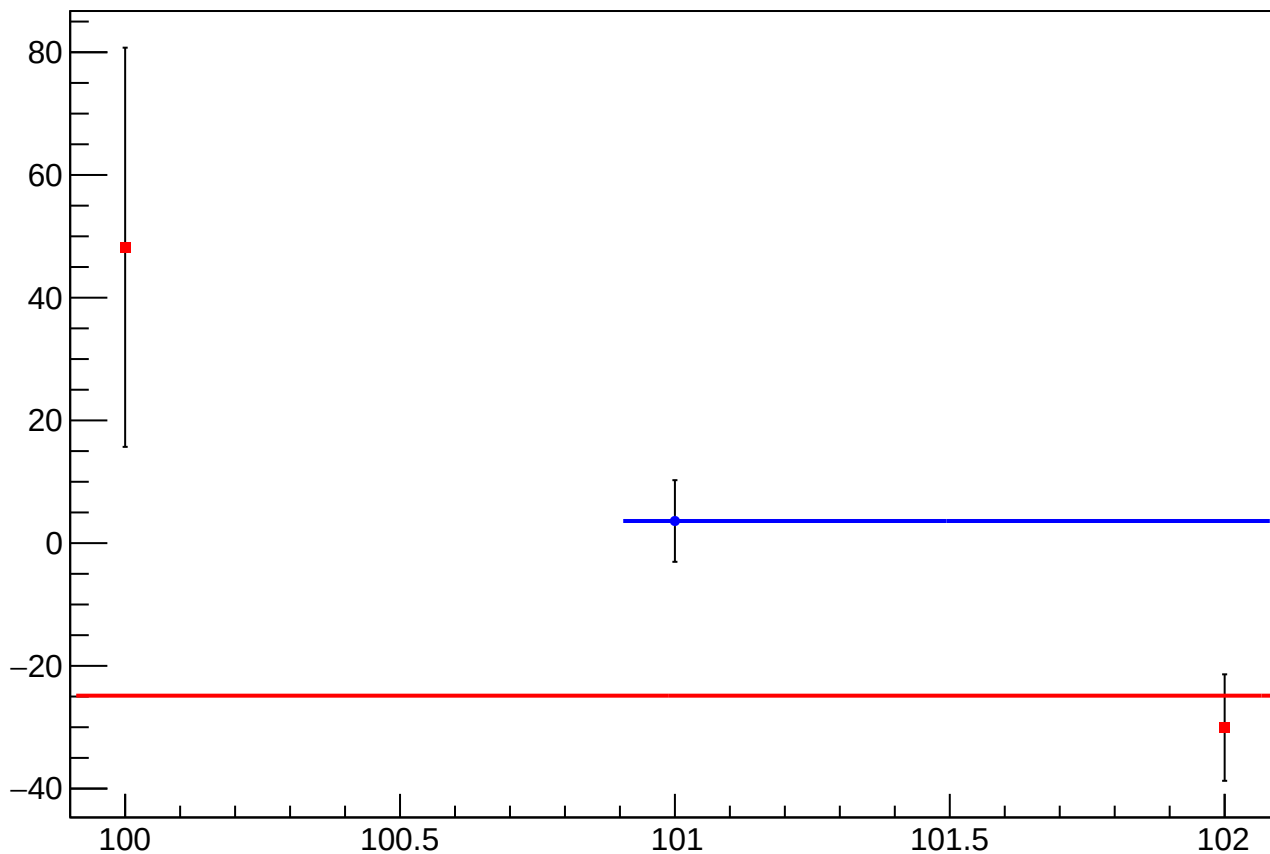
Right: 91.916+/-5.748 χ^2/NDF : 26.9/2

In: 63.284+/-8.151 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.916+/-5.748 χ^2/NDF : 26.9/2

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.609+/-6.653 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -24.858+/-8.382 χ^2/NDF : 5.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

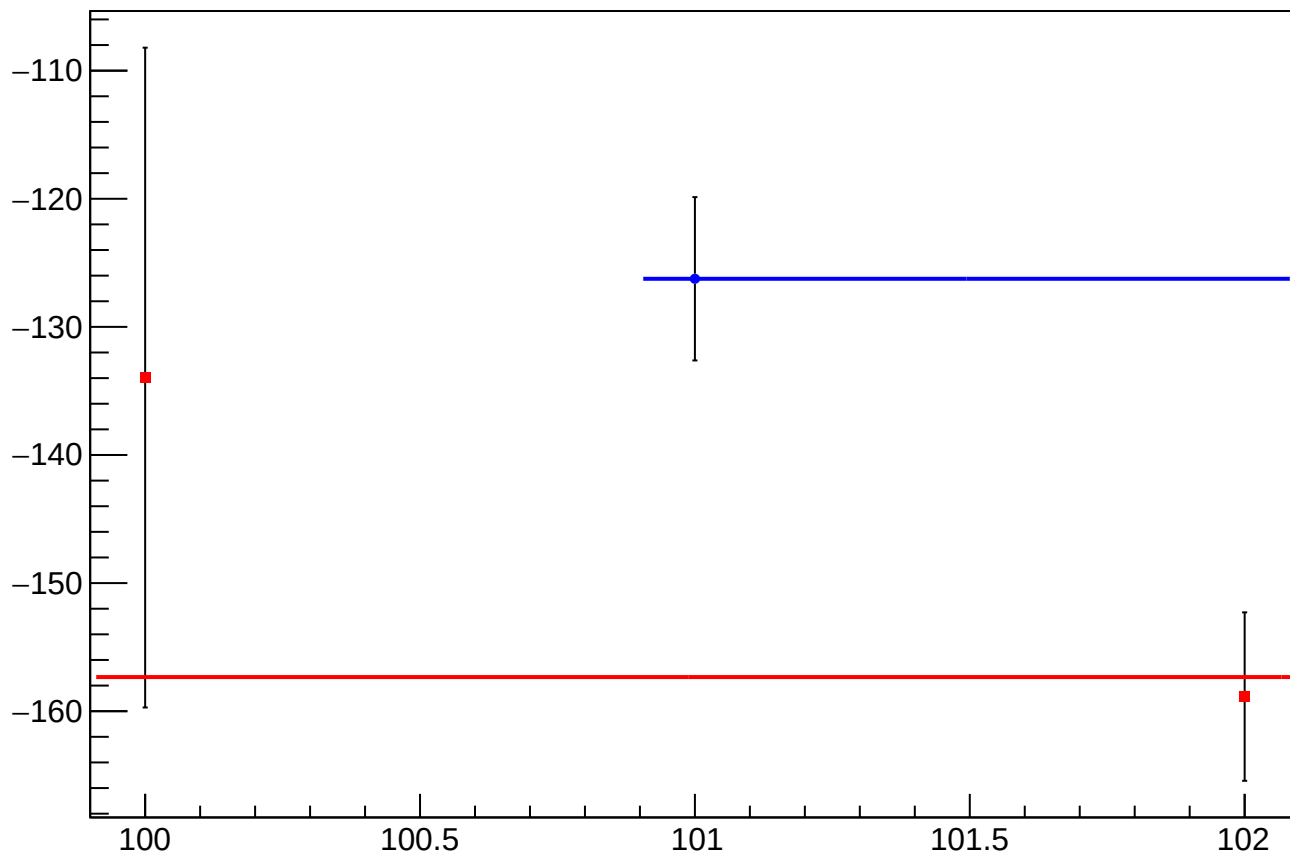
Right: -7.393+/-5.211 χ^2/NDF : 12.5/2

In: 3.609+/-6.653 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.393+/-5.211 χ^2/NDF : 12.5/2

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -126.246+/-6.376 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -157.336+/-6.370 χ^2/NDF : 0.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

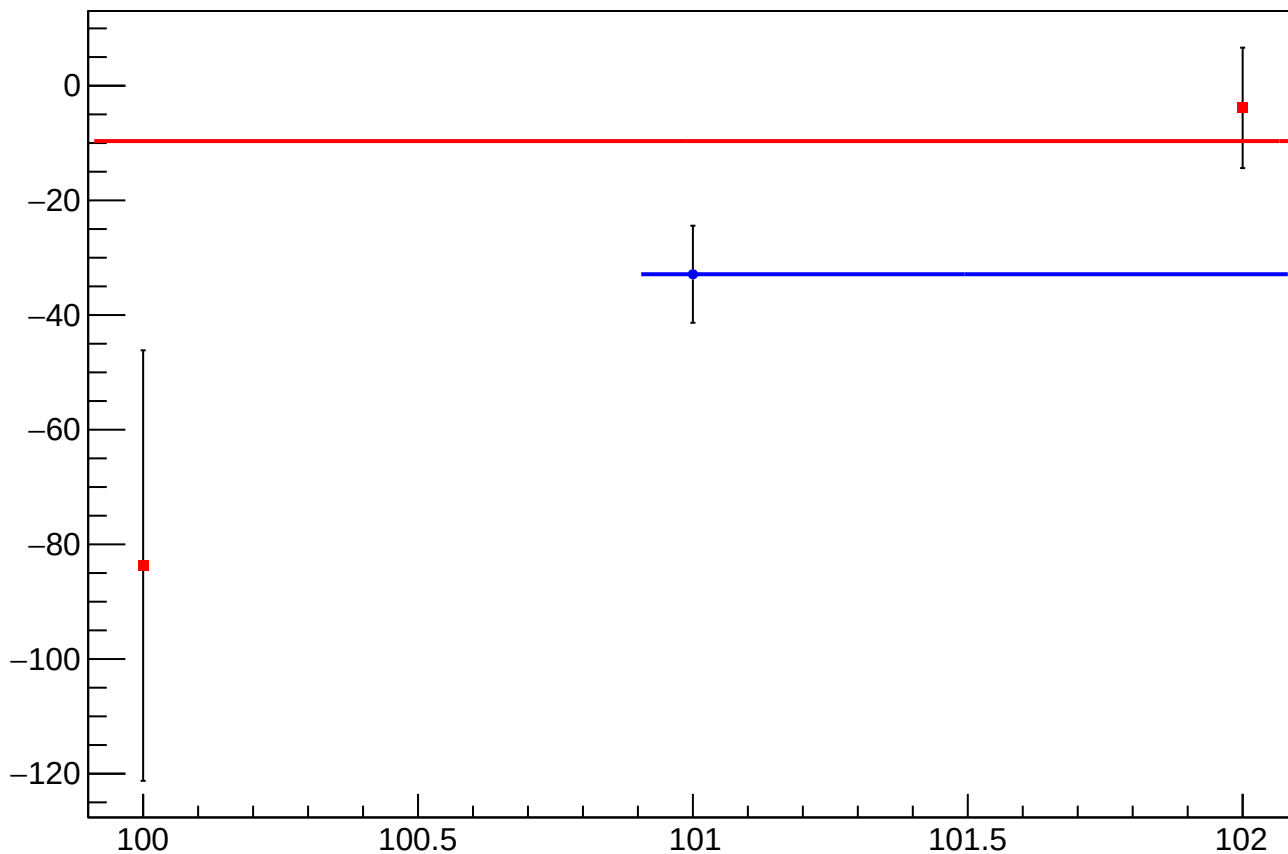
Right: -141.806+/-4.506 χ^2/NDF : 12.8/2

In: -126.246+/-6.376 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -141.806+/-4.506 χ^2/NDF : 12.8/2

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.882 $\pm$ 8.464 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -9.655 $\pm$ 10.113 χ^2 /NDF: 4.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

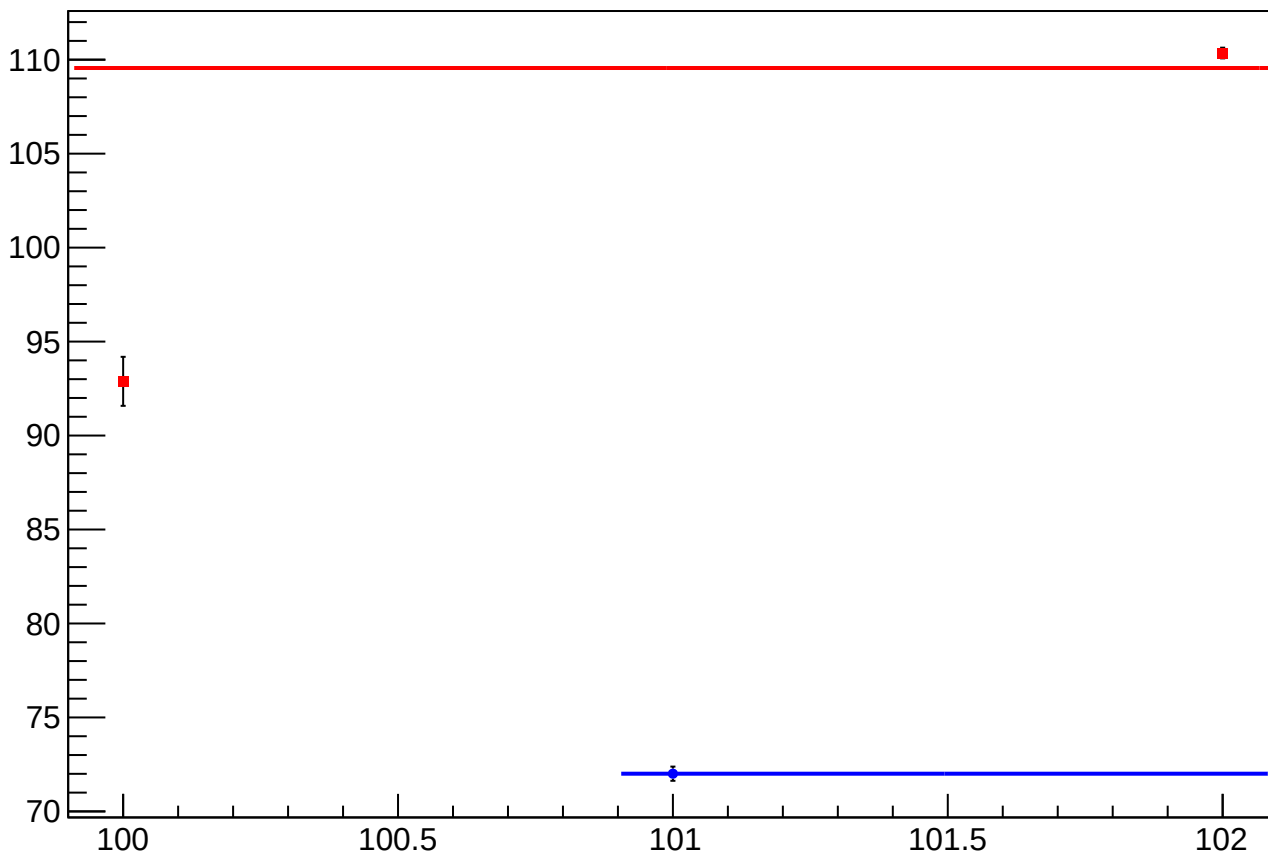
Right: -23.314 $\pm$ 6.491 χ^2 /NDF: 7.3/2

In: -32.882 $\pm$ 8.464 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -23.314 $\pm$ 6.491 χ^2 /NDF: 7.3/2

reg_asym_us_dd_at1lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 72.007 $\pm$ 0.378 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 109.558 $\pm$ 0.278 χ^2 /NDF: 171.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

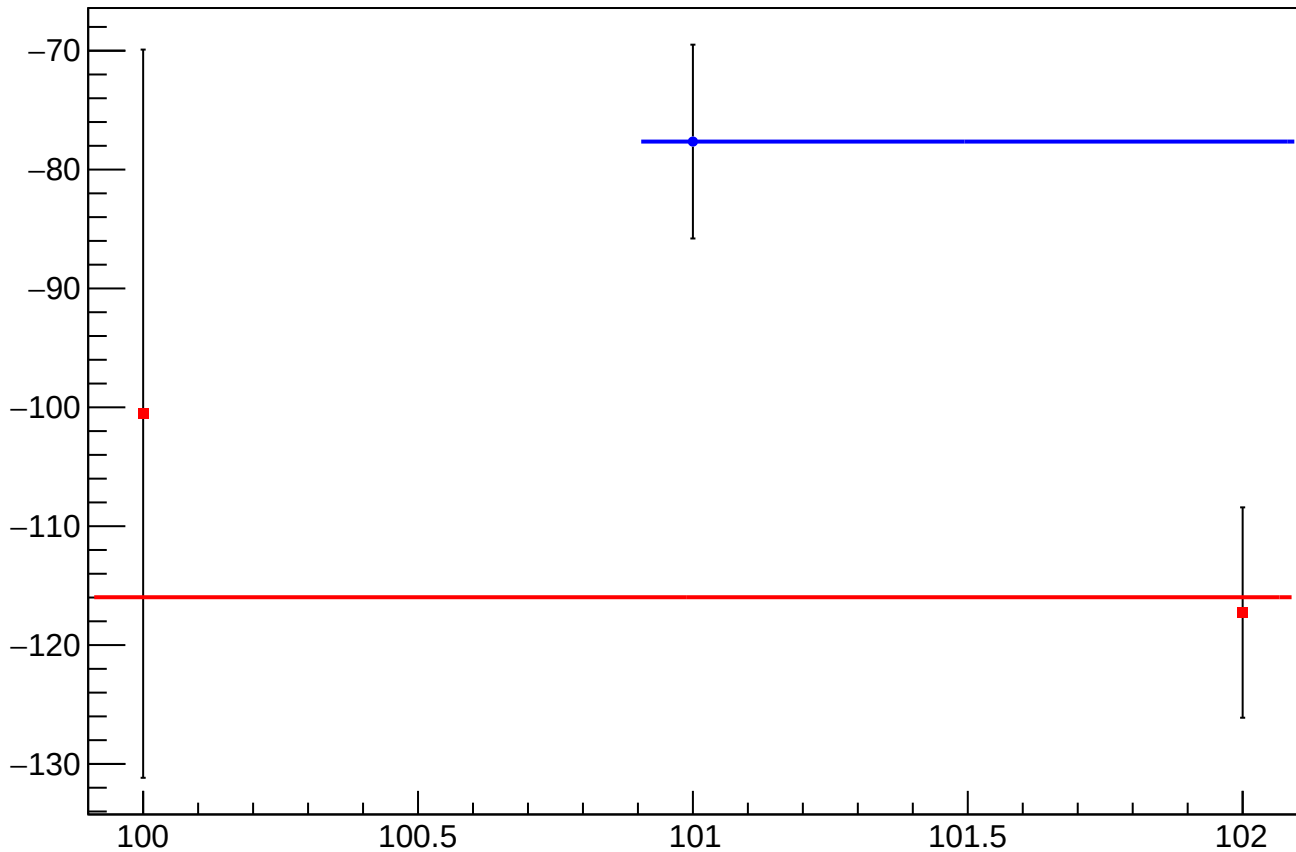
Right: 96.327 $\pm$ 0.224 χ^2 /NDF: 6577.8/2

In: 72.007 $\pm$ 0.378 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 96.327 $\pm$ 0.224 χ^2 /NDF: 6577.8/2

reg_asym_us_dd_at1lr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -77.644 $\pm$ 8.152 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -115.975 $\pm$ 8.501 χ^2/NDF : 0.3/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

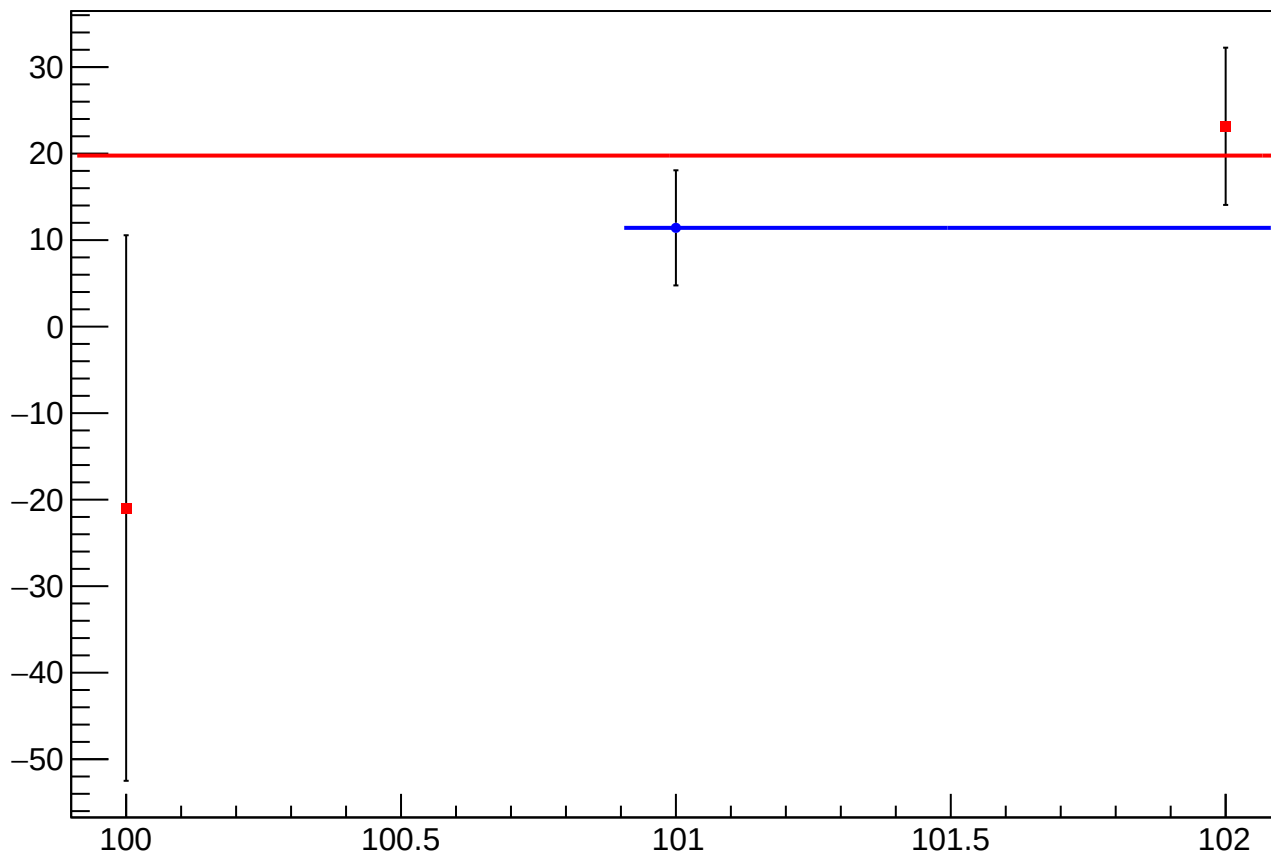
Right: -96.007 $\pm$ 5.884 χ^2/NDF : 10.9/2

In: -77.644 $\pm$ 8.152 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -96.007 $\pm$ 5.884 χ^2/NDF : 10.9/2

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.416+/-6.653 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.771+/-8.732 χ^2/NDF : 1.8/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

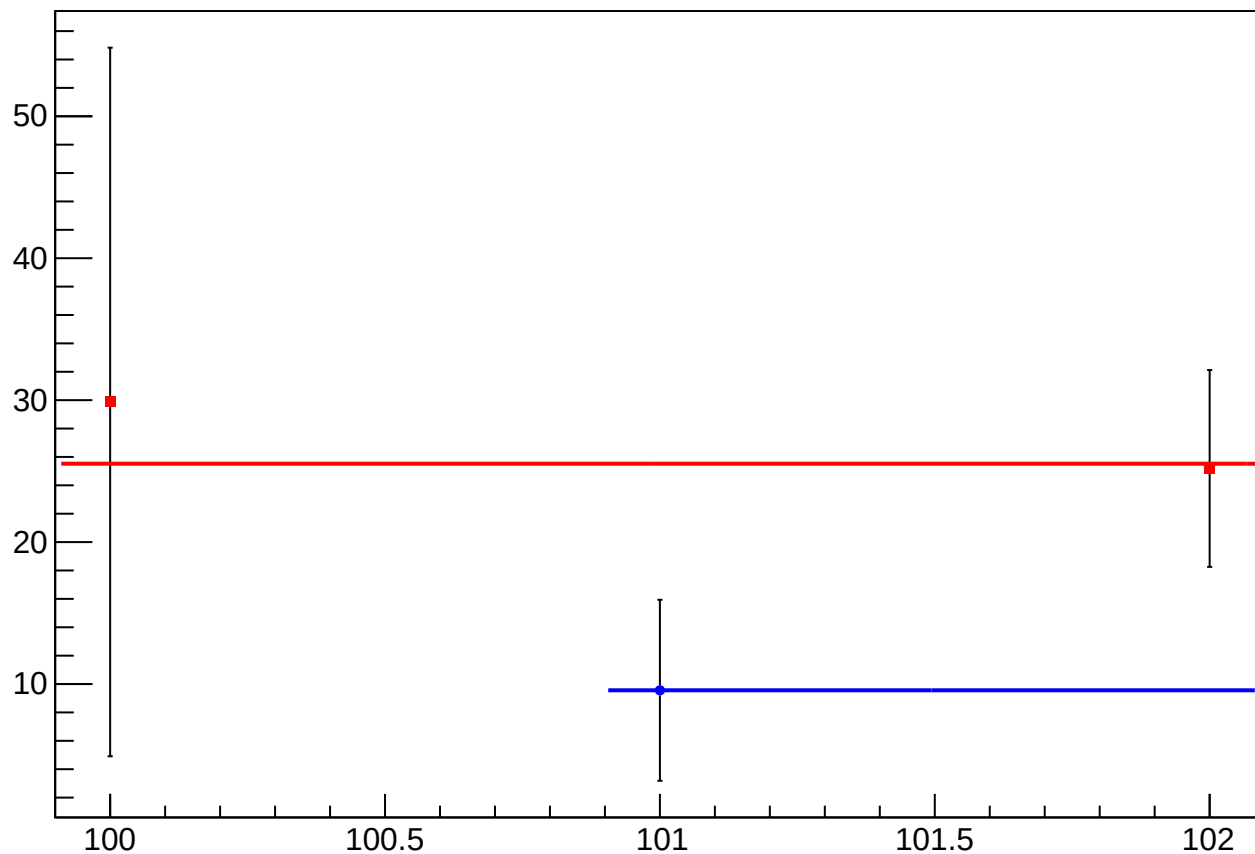
Right: 14.485+/-5.292 χ^2/NDF : 2.4/2

In: 11.416+/-6.653 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.485+/-5.292 χ^2/NDF : 2.4/2

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 9.560+/-6.377 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.522+/-6.682 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

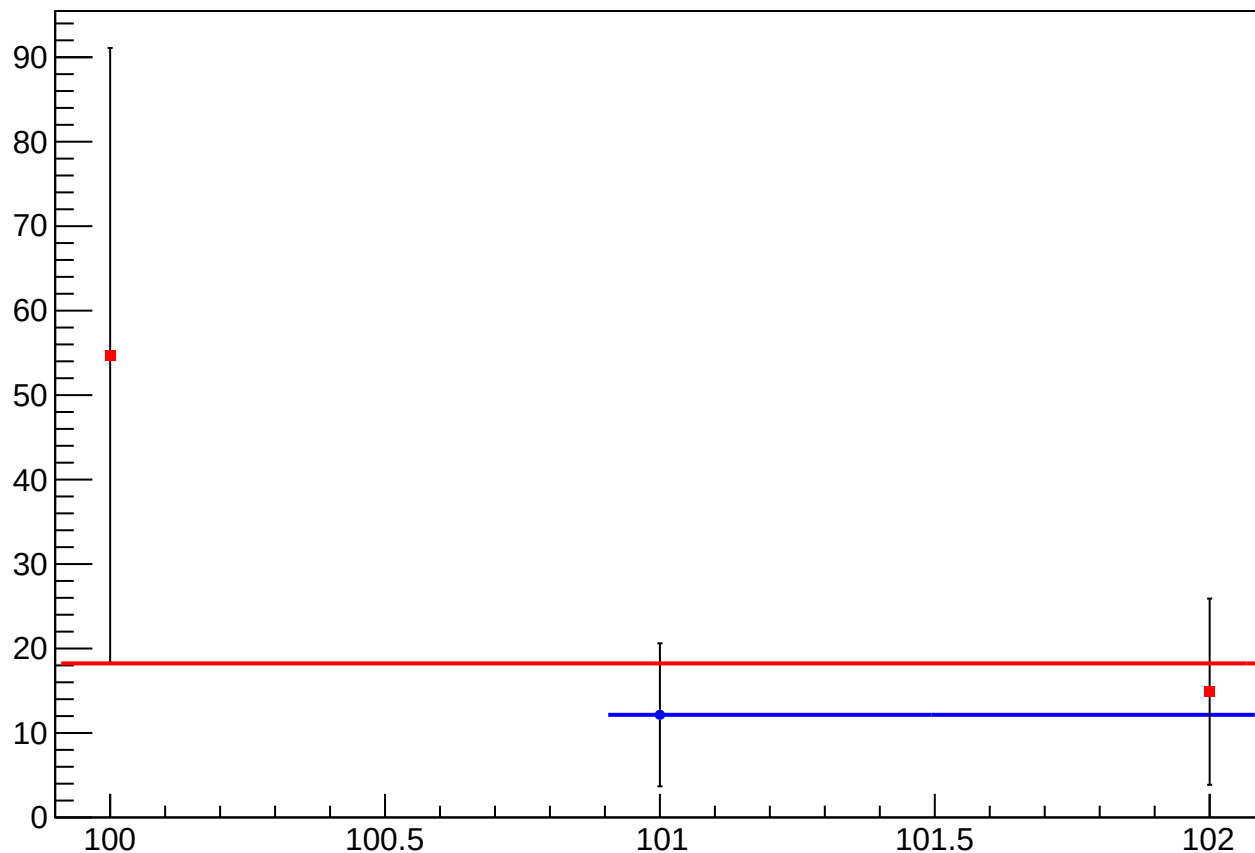
Right: 17.169+/-4.613 χ^2/NDF : 3.0/2

In: 9.560+/-6.377 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.169+/-4.613 χ^2/NDF : 3.0/2

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 12.150+/-8.465 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.237+/-10.549 χ^2/NDF : 1.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

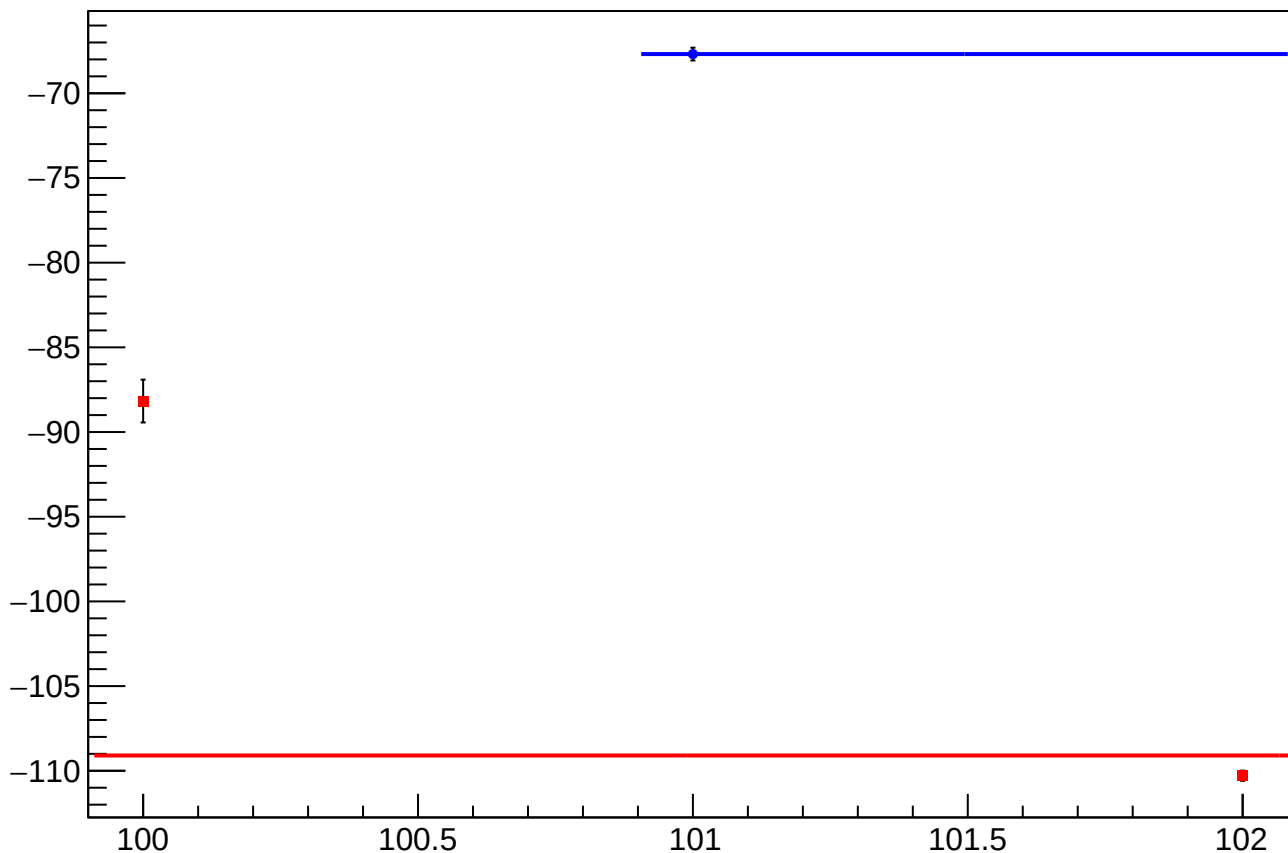
Right: 14.534+/-6.602 χ^2/NDF : 1.3/2

In: 12.150+/-8.465 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.534+/-6.602 χ^2/NDF : 1.3/2

reg_asym_us_dd_at1lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -67.684±/0.378 χ^2 /NDF: 0.0/0

Left Out: 0.000±/0.000 χ^2 /NDF: 0.0/0

Right Out: -109.098±/0.293 χ^2 /NDF: 289.6/1

Left In: 0.000±/0.000 χ^2 /NDF: 0.0/0

Left: 0.000±/0.000 χ^2 /NDF: 0.0/0

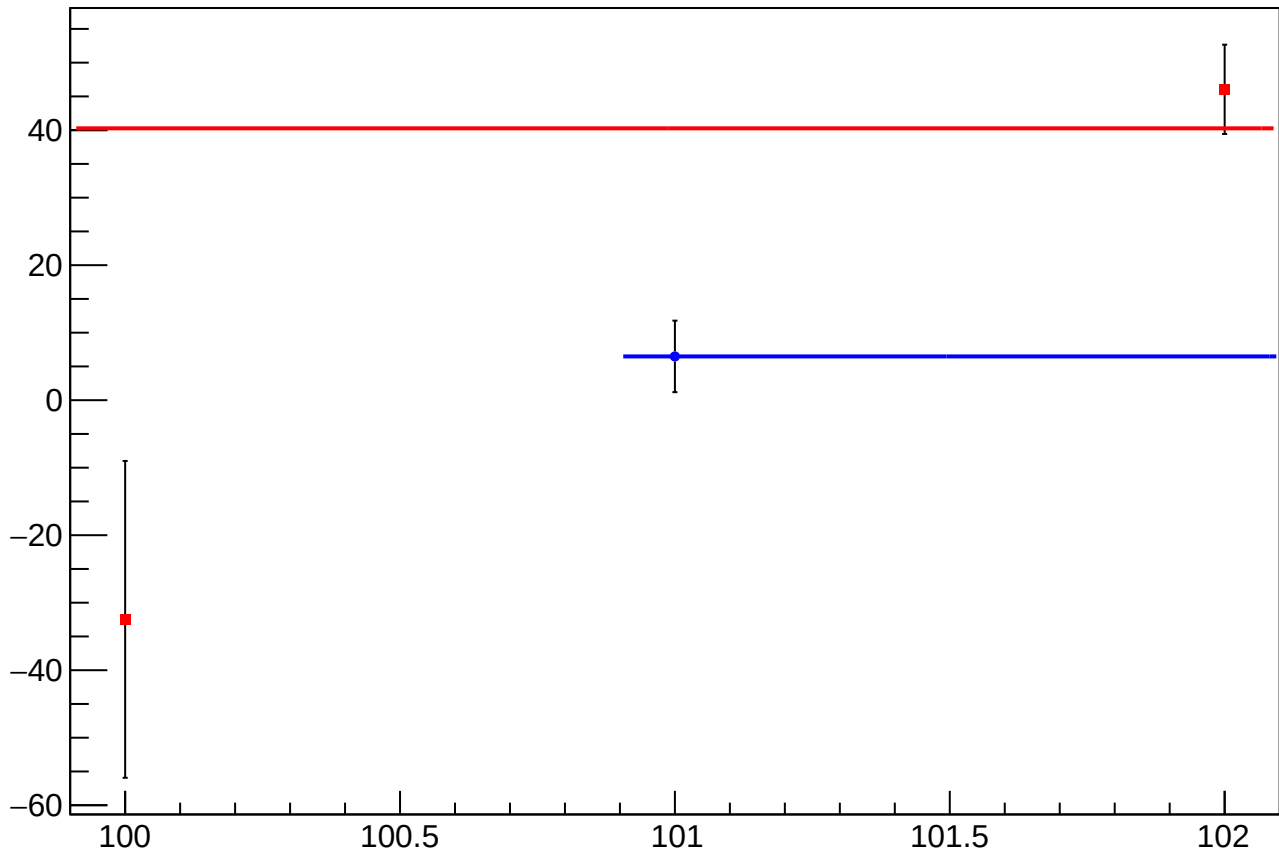
Right: -93.504±/0.232 χ^2 /NDF: 7788.9/2

In: -67.684±/0.378 χ^2 /NDF: 0.0/0

Out: 0.000±/0.000 χ^2 /NDF: 0.0/0

All: -93.504±/0.232 χ^2 /NDF: 7788.9/2

reg_asym_us_dd_at2lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 6.484+/-5.297 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.270+/-6.367 χ^2/NDF : 10.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

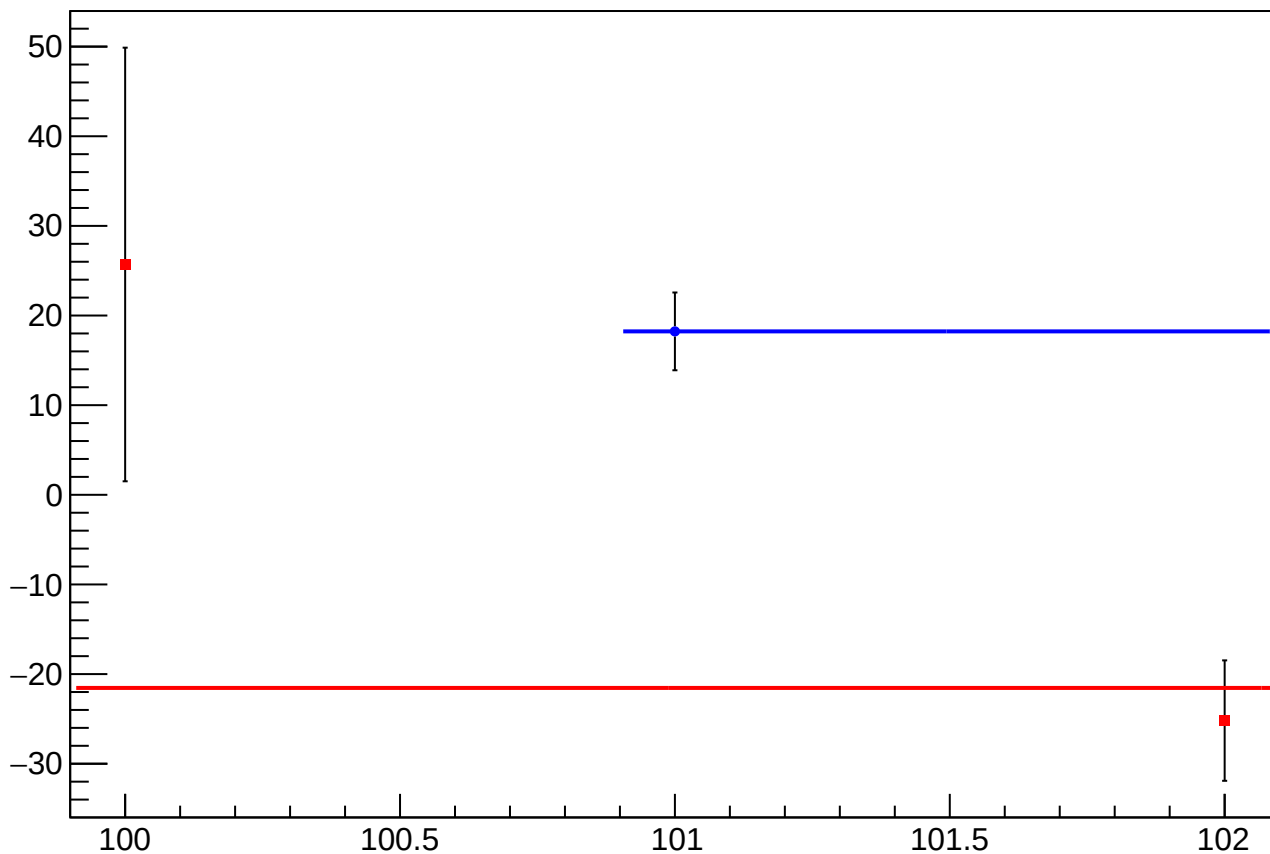
Right: 20.303+/-4.072 χ^2/NDF : 27.0/2

In: 6.484+/-5.297 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.303+/-4.072 χ^2/NDF : 27.0/2

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.232+/-4.338 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.544+/-6.472 χ^2/NDF : 4.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

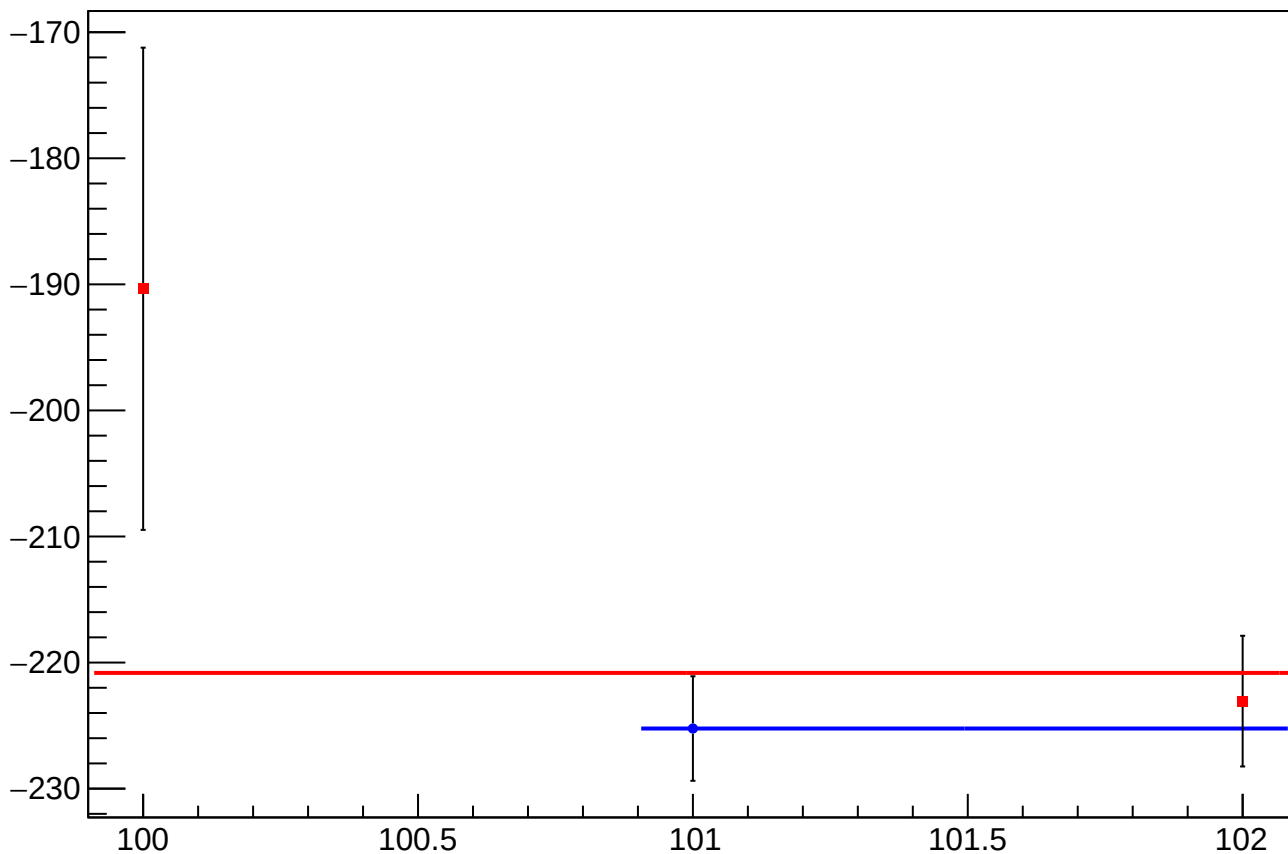
Right: 5.903+/-3.603 χ^2/NDF : 30.2/2

In: 18.232+/-4.338 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.903+/-3.603 χ^2/NDF : 30.2/2

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -225.232 ± 4.146 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -220.821 ± 5.003 $\chi^2/\text{NDF}: 2.7/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

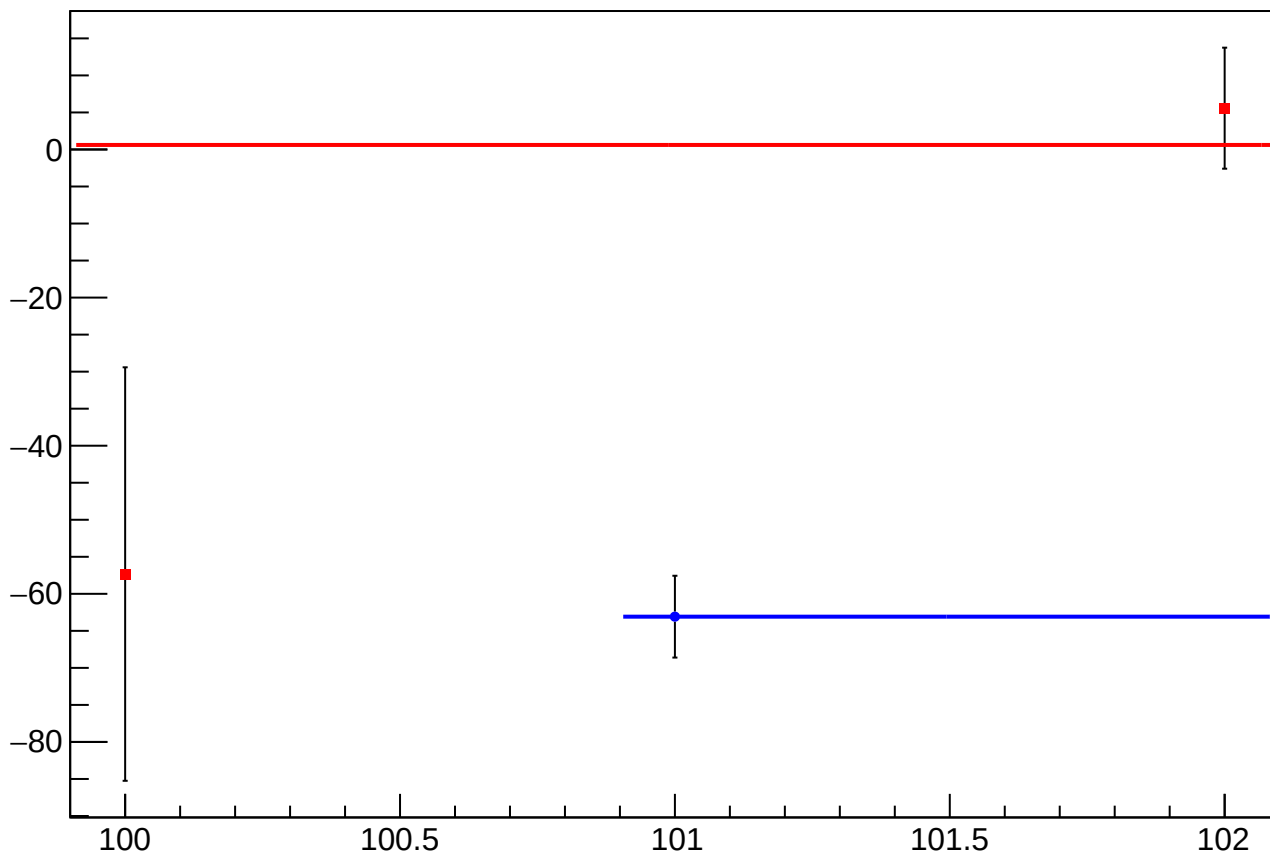
Right: -223.436 ± 3.192 $\chi^2/\text{NDF}: 3.2/2$

In: -225.232 ± 4.146 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -223.436 ± 3.192 $\chi^2/\text{NDF}: 3.2/2$

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.084+/-5.524 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.611+/-7.842 χ^2/NDF : 4.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

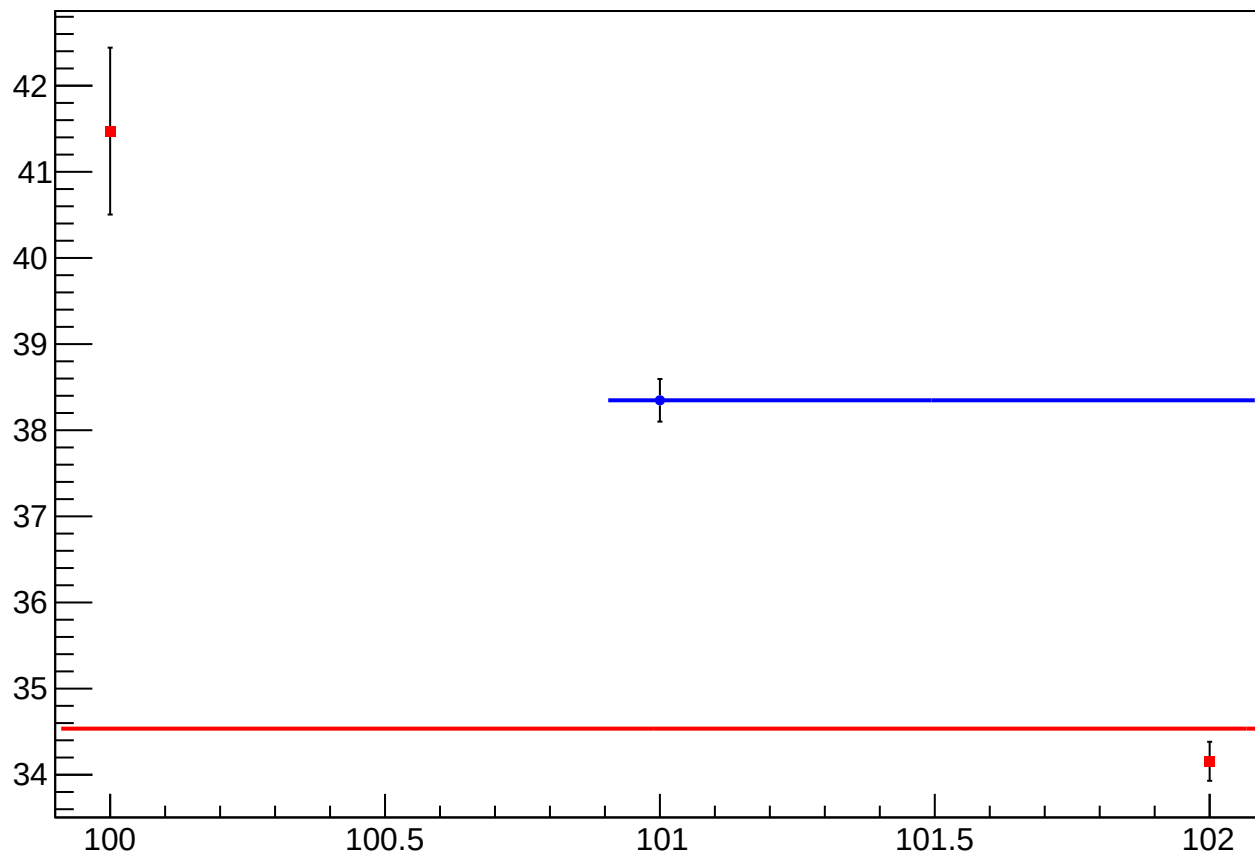
Right: -41.962+/-4.516 χ^2/NDF : 48.8/2

In: -63.084+/-5.524 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.962+/-4.516 χ^2/NDF : 48.8/2

reg_asym_us_dd_at2lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 38.347+/-0.247 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.535+/-0.221 χ^2/NDF : 54.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

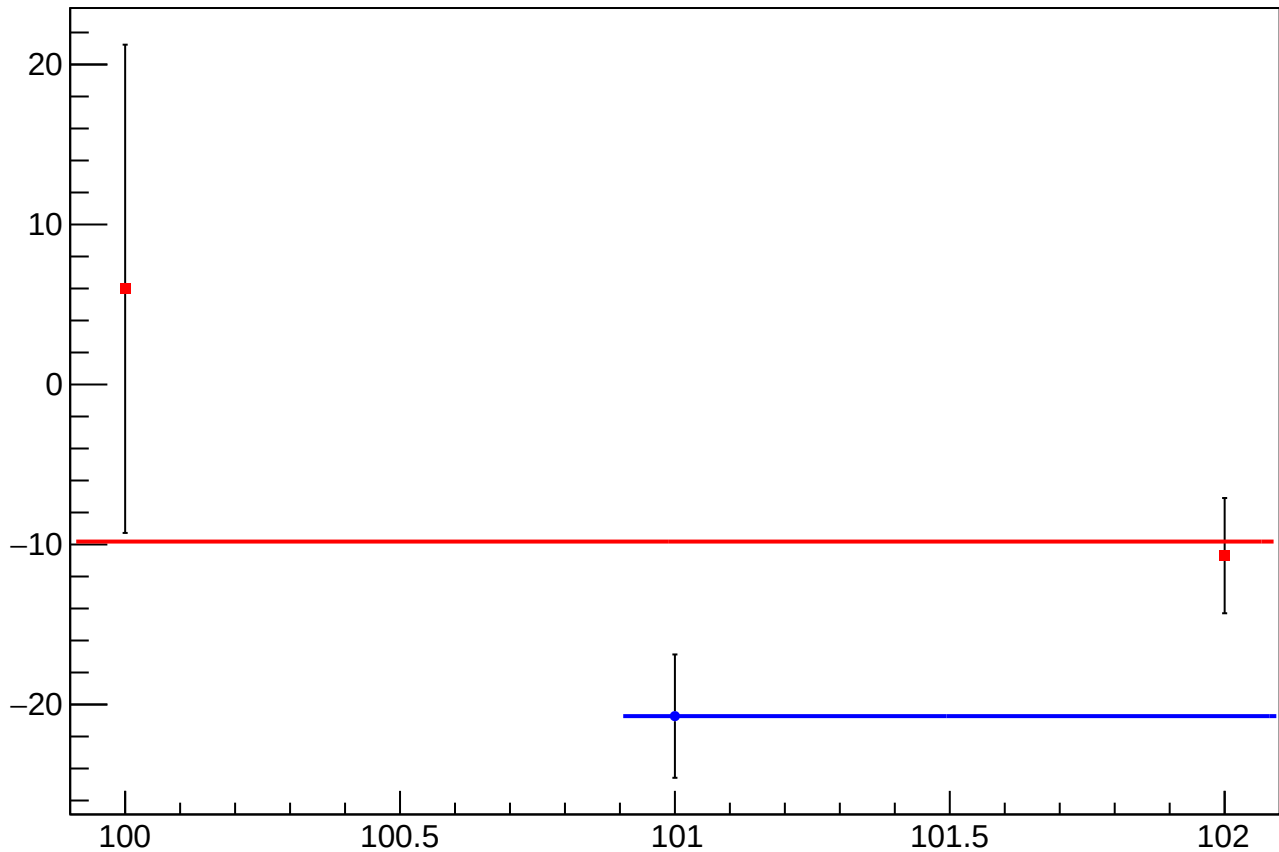
Right: 36.224+/-0.165 χ^2/NDF : 186.4/2

In: 38.347+/-0.247 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.224+/-0.165 χ^2/NDF : 186.4/2

reg_asym_us_dd_at2lr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -20.726 $\pm$ 3.855 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -9.816 $\pm$ 3.505 χ^2 /NDF: 1.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

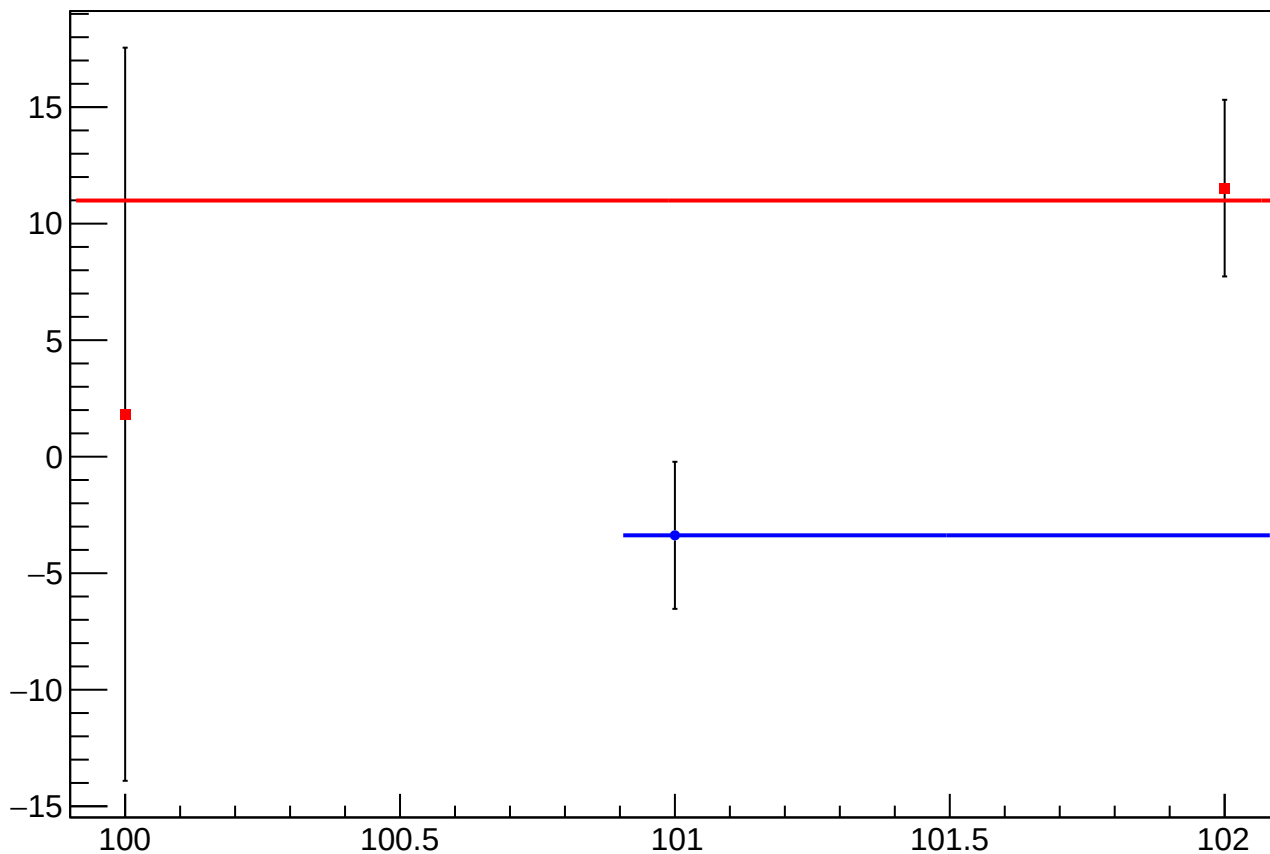
Right: -14.754 $\pm$ 2.593 χ^2 /NDF: 5.5/2

In: -20.726 $\pm$ 3.855 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.754 $\pm$ 2.593 χ^2 /NDF: 5.5/2

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.374+/-3.155 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.992+/-3.684 χ^2/NDF : 0.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

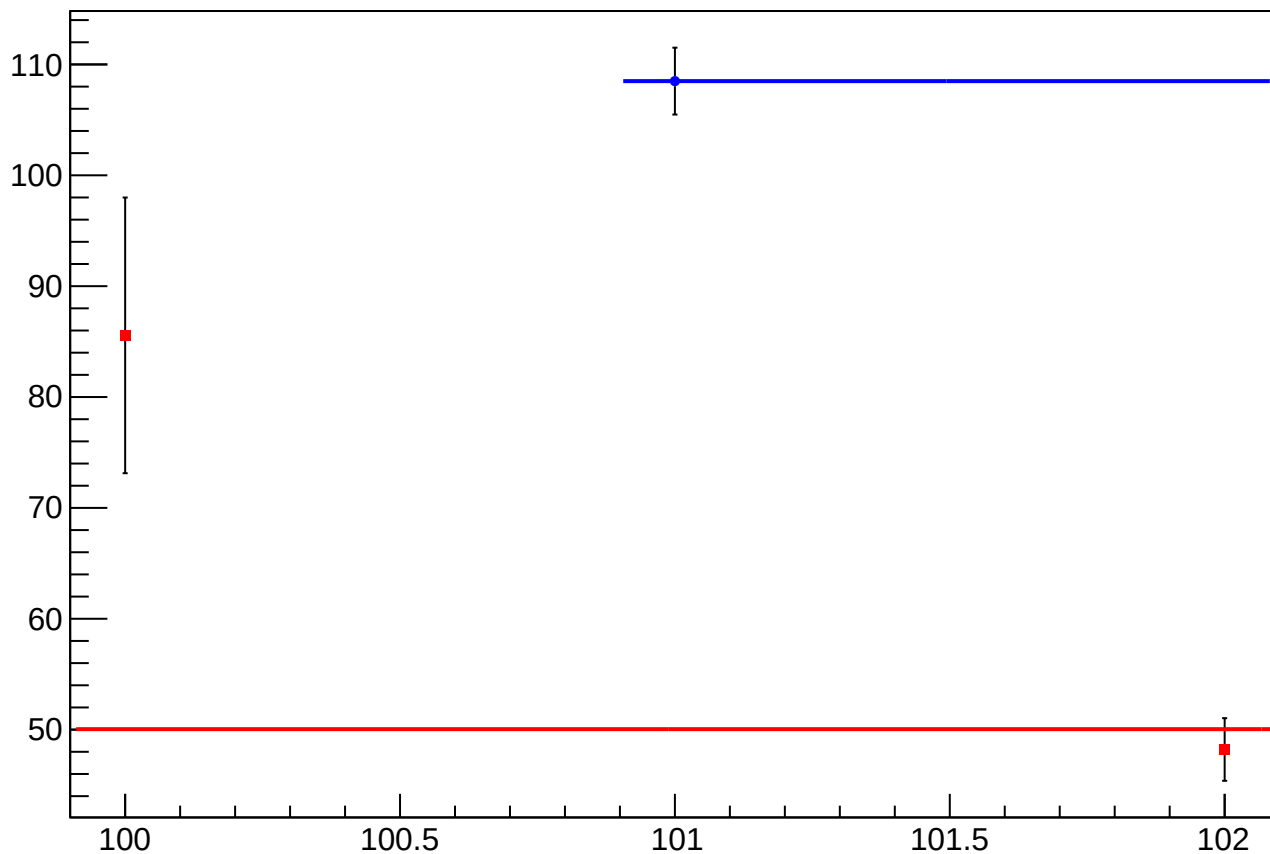
Right: 2.705+/-2.396 χ^2/NDF : 9.1/2

In: -3.374+/-3.155 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.705+/-2.396 χ^2/NDF : 9.1/2

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 108.496+/-3.017 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.043+/-2.755 χ^2/NDF : 8.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

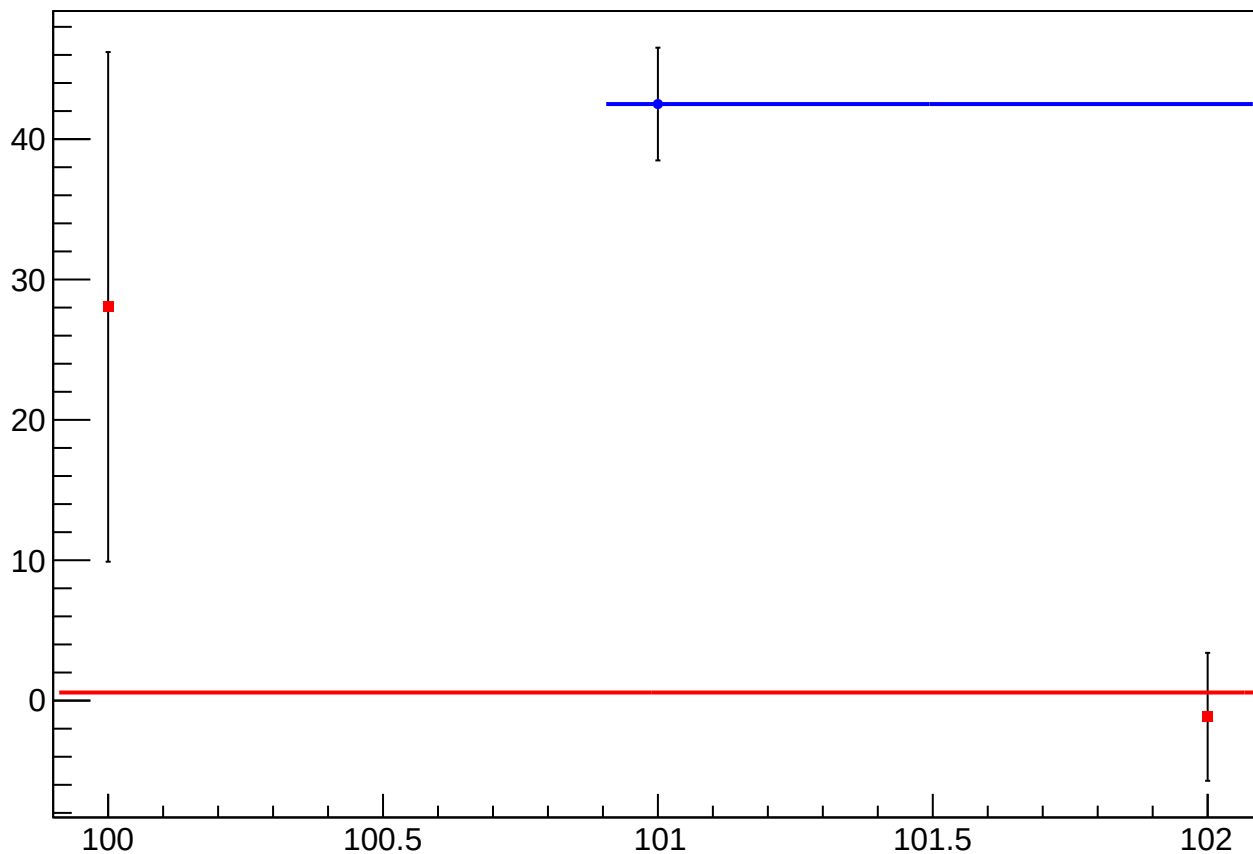
Right: 76.622+/-2.034 χ^2/NDF : 213.3/2

In: 108.496+/-3.017 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.622+/-2.034 χ^2/NDF : 213.3/2

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.500+/-4.017 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.576+/-4.421 χ^2/NDF : 2.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

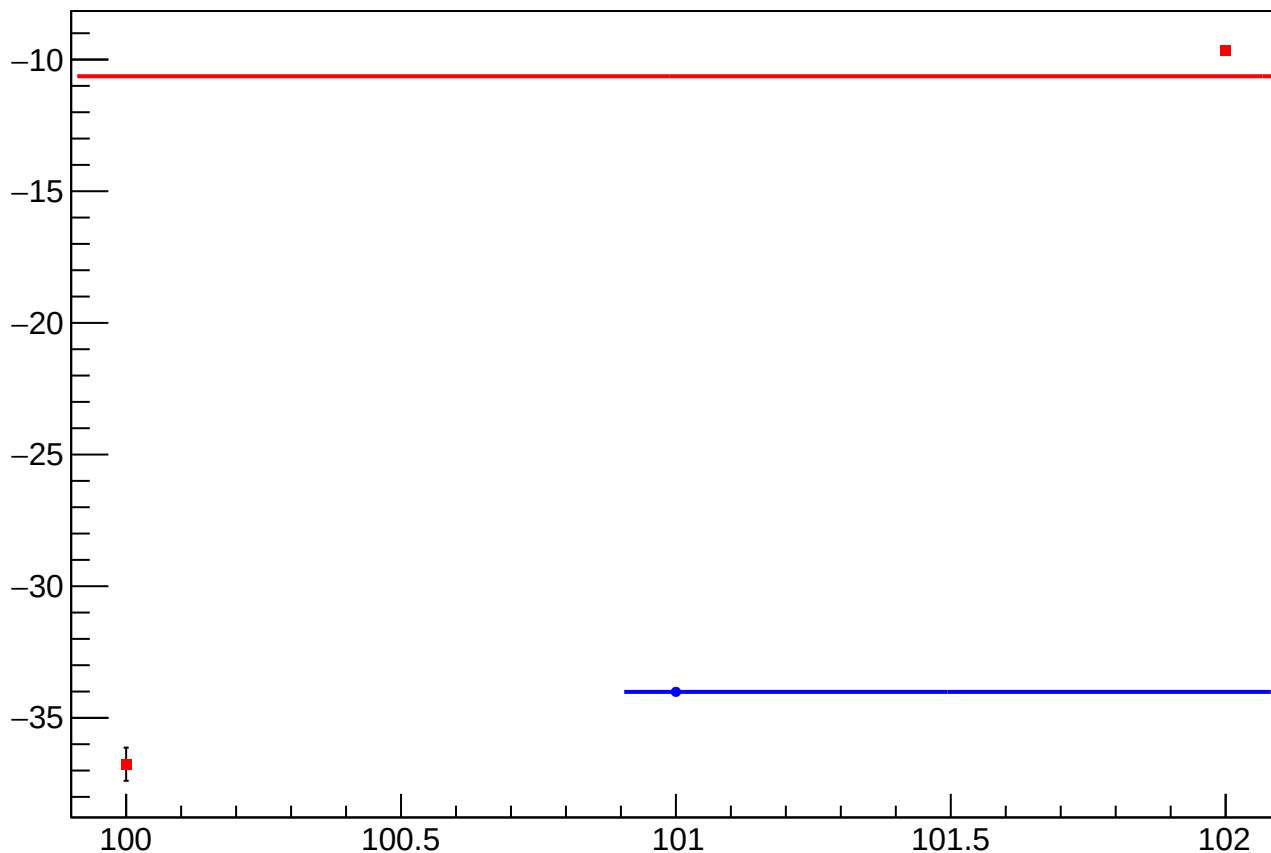
Right: 23.540+/-2.973 χ^2/NDF : 51.7/2

In: 42.500+/-4.017 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.540+/-2.973 χ^2/NDF : 51.7/2

reg_asym_us_dd_at2lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -34.012 $\pm$ 0.180 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -10.633 $\pm$ 0.119 χ^2 /NDF: 1783.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

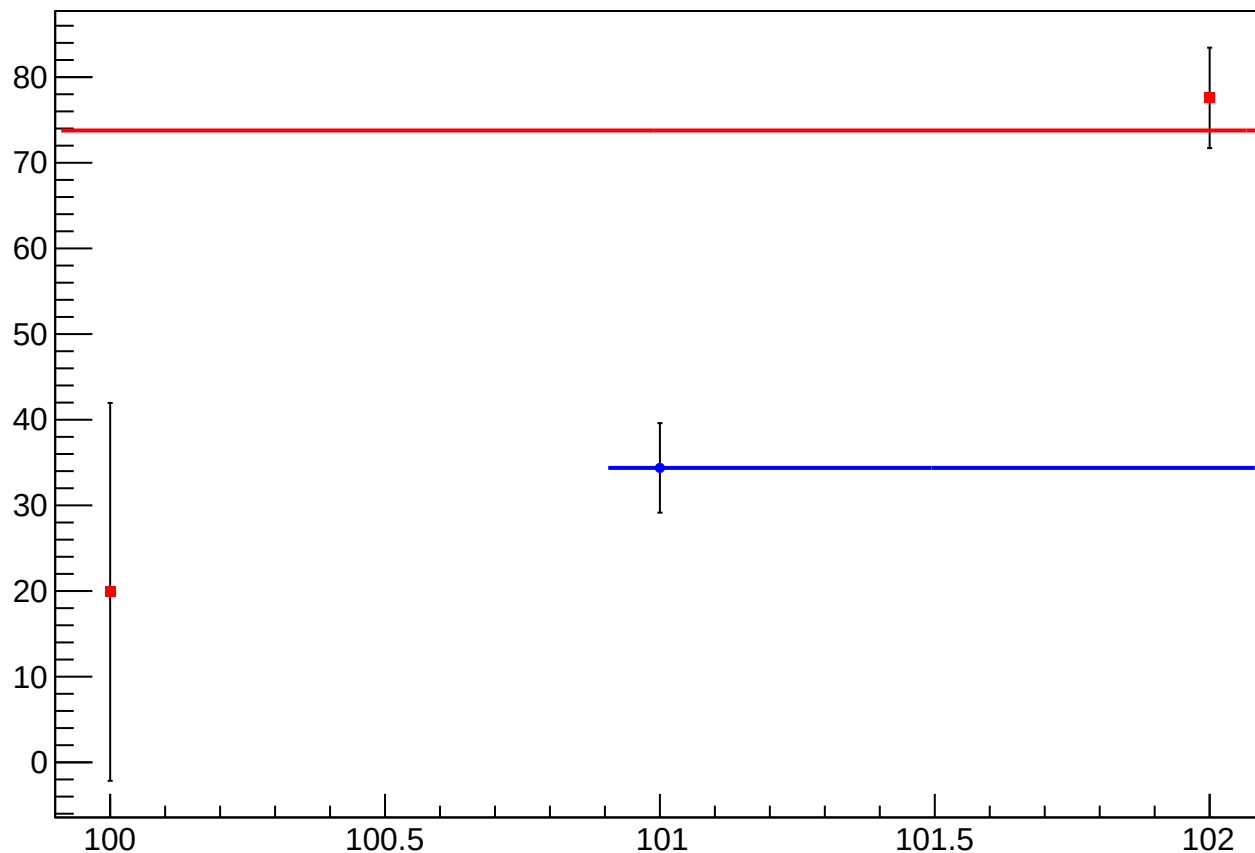
Right: -17.744 $\pm$ 0.099 χ^2 /NDF: 13565.7/2

In: -34.012 $\pm$ 0.180 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -17.744 $\pm$ 0.099 χ^2 /NDF: 13565.7/2

reg_asym_us_dd_atlr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 34.375+/-5.228 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.770+/-5.667 χ^2/NDF : 6.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

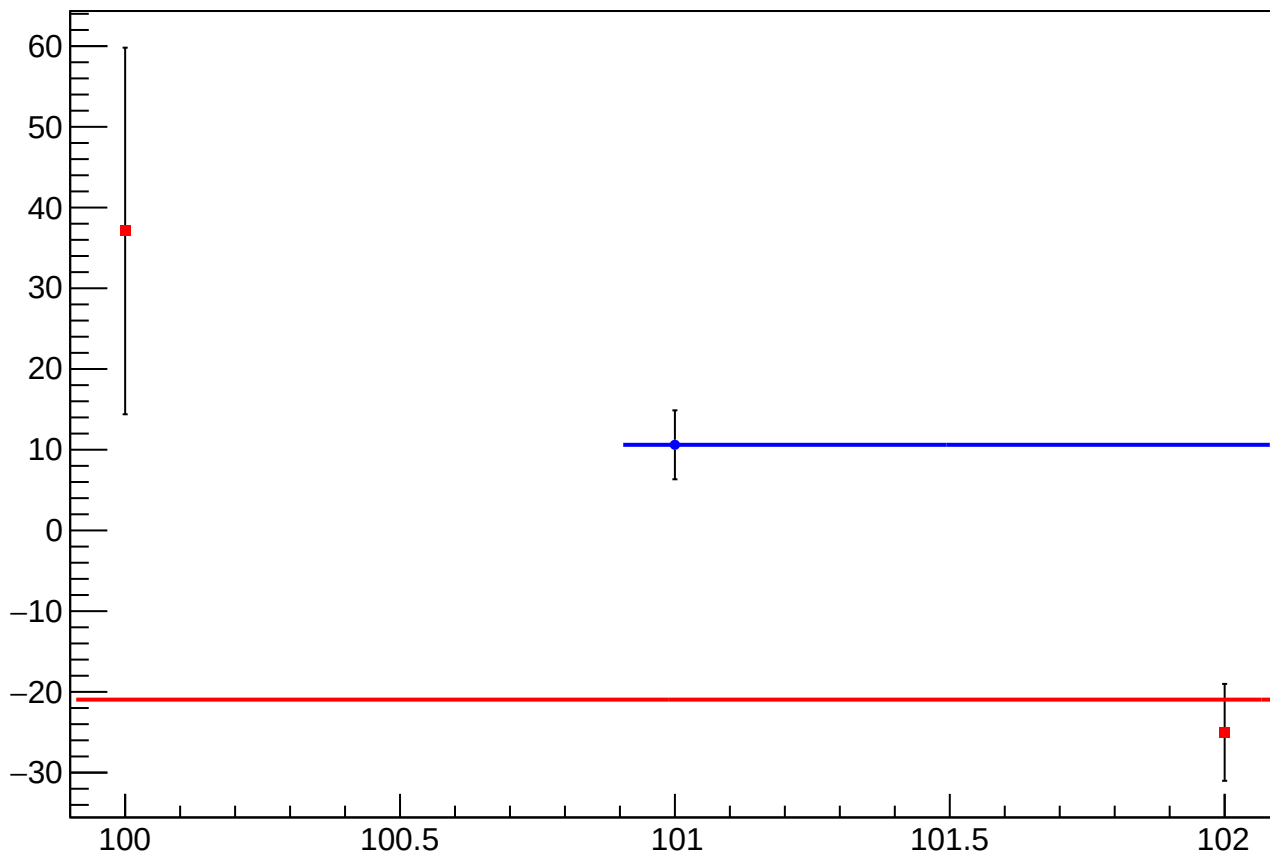
Right: 52.489+/-3.843 χ^2/NDF : 32.5/2

In: 34.375+/-5.228 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.489+/-3.843 χ^2/NDF : 32.5/2

reg_asym_us_dd_atlr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.608 $\pm$ 4.271 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -20.959 $\pm$ 5.802 χ^2 /NDF: 7.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

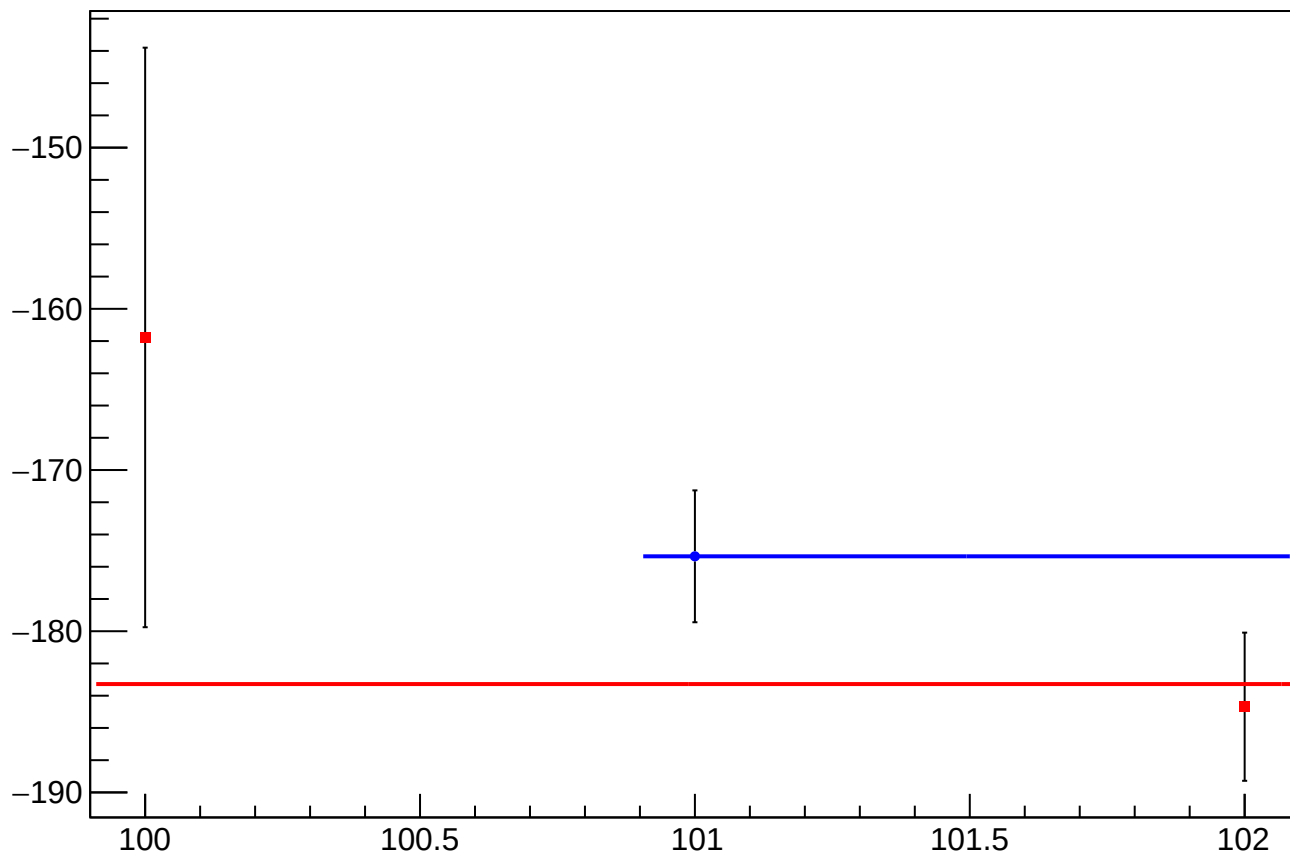
Right: -0.486 $\pm$ 3.440 χ^2 /NDF: 26.2/2

In: 10.608 $\pm$ 4.271 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.486 $\pm$ 3.440 χ^2 /NDF: 26.2/2

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -175.353+/-4.091 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -183.278+/-4.453 χ^2 /NDF: 1.5/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

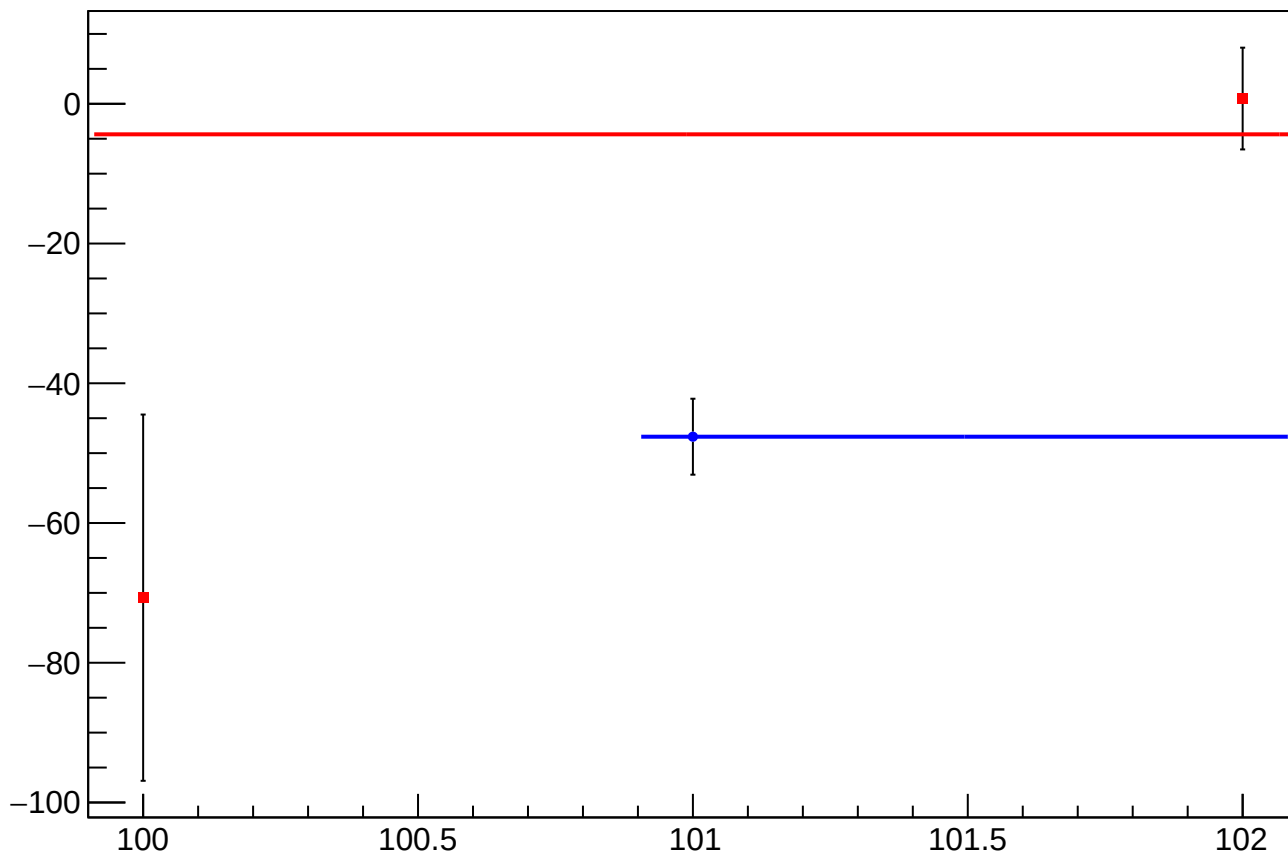
Right: -178.980+/-3.012 χ^2 /NDF: 3.2/2

In: -175.353+/-4.091 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -178.980+/-3.012 χ^2 /NDF: 3.2/2

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -47.647+/-5.436 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.369+/-7.017 χ^2/NDF : 6.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

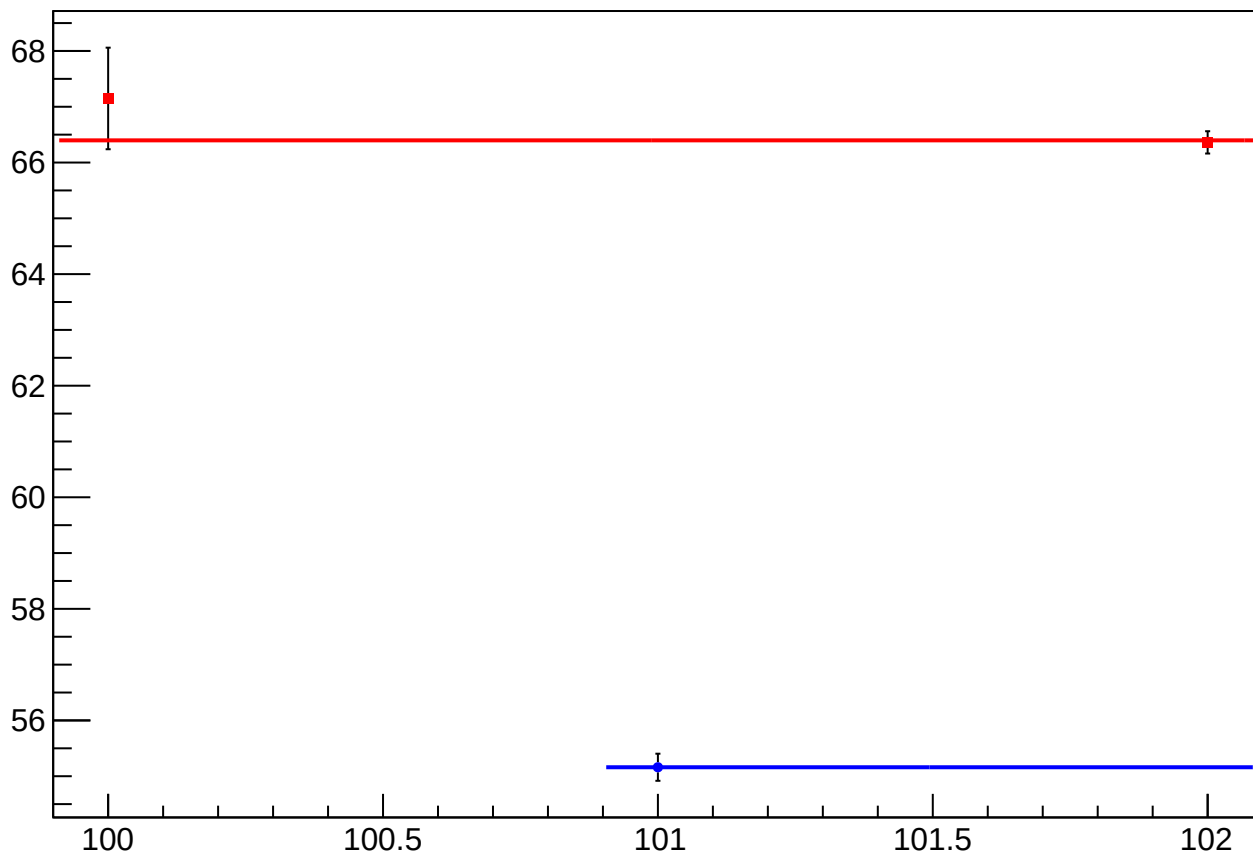
Right: -31.416+/-4.297 χ^2/NDF : 30.7/2

In: -47.647+/-5.436 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.416+/-4.297 χ^2/NDF : 30.7/2

reg_asym_us_dd_atlr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 55.161 $\pm$ 0.243 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 66.398 $\pm$ 0.195 χ^2 /NDF: 0.7/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

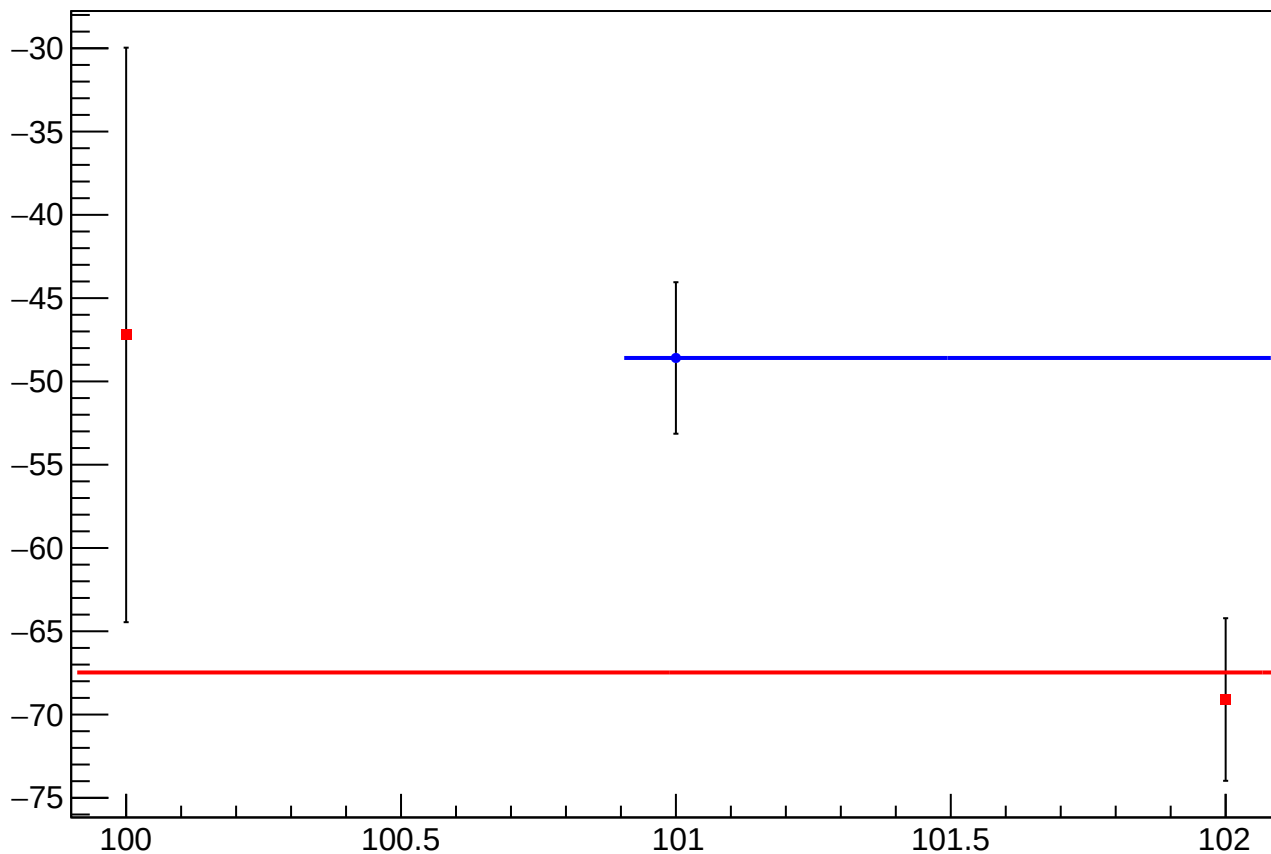
Right: 61.988 $\pm$ 0.152 χ^2 /NDF: 1301.3/2

In: 55.161 $\pm$ 0.243 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 61.988 $\pm$ 0.152 χ^2 /NDF: 1301.3/2

reg_asym_us_dd_atlr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -48.592 ± 4.548 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -67.473 ± 4.696 $\chi^2/\text{NDF}: 1.5/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

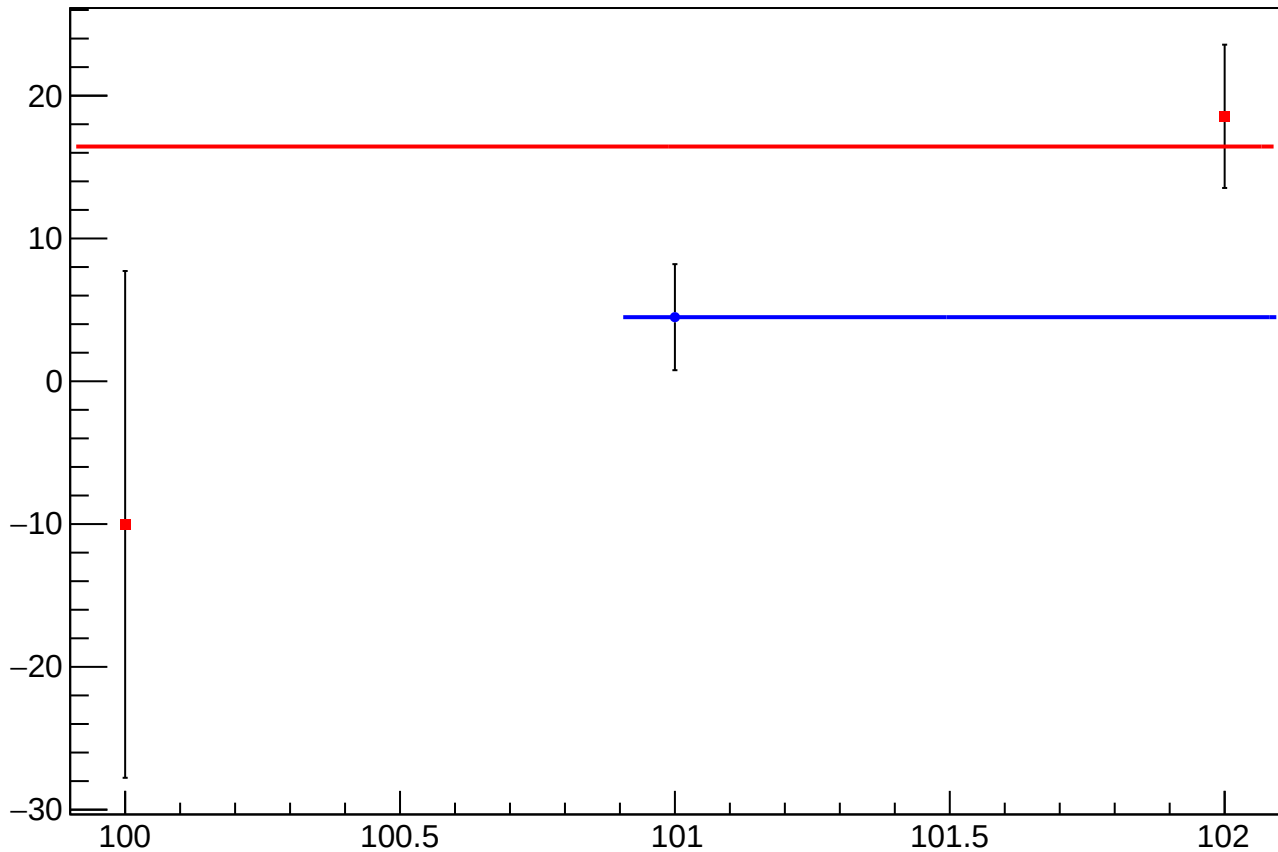
Right: -57.730 ± 3.267 $\chi^2/\text{NDF}: 9.8/2$

In: -48.592 ± 4.548 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -57.730 ± 3.267 $\chi^2/\text{NDF}: 9.8/2$

reg_asym_us_dd_atlr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.489+/-3.713 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.439+/-4.828 χ^2/NDF : 2.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

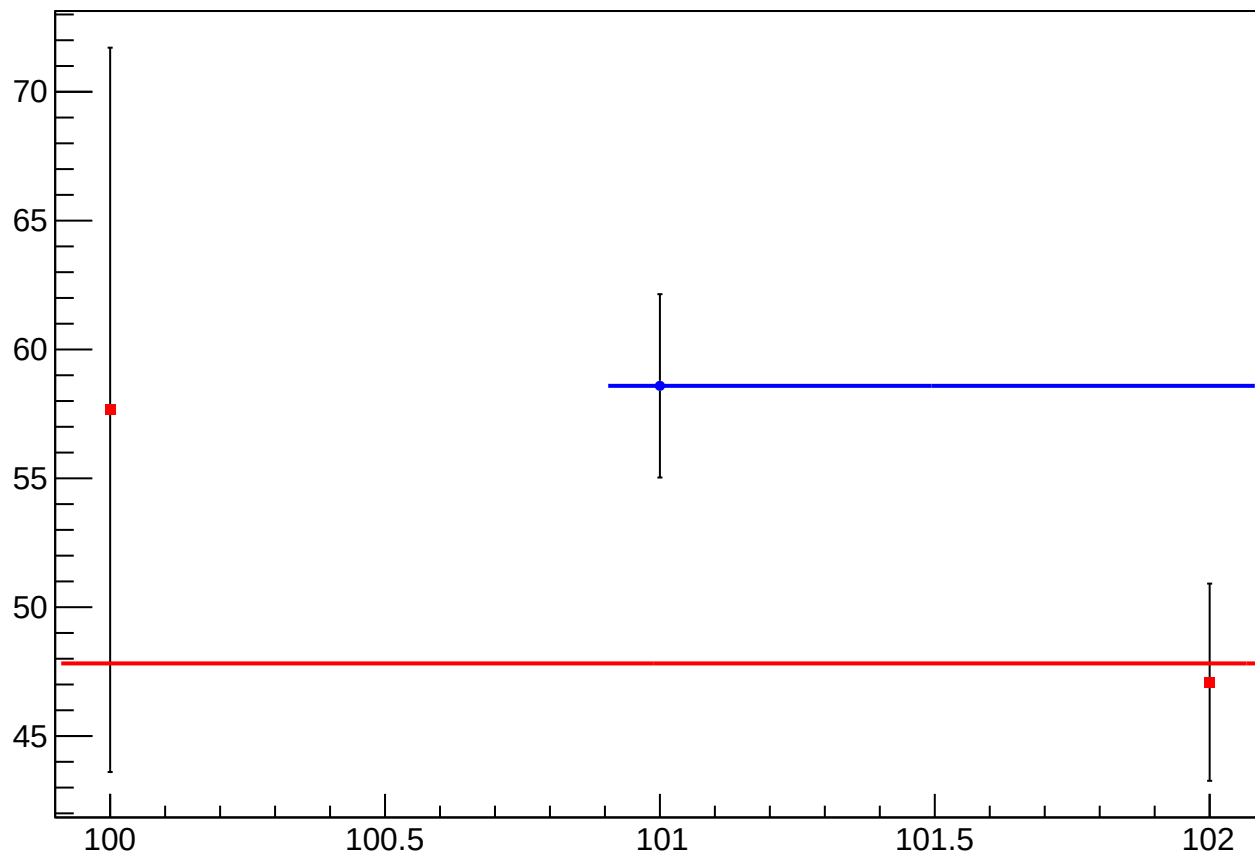
Right: 8.931+/-2.943 χ^2/NDF : 6.3/2

In: 4.489+/-3.713 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.931+/-2.943 χ^2/NDF : 6.3/2

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.589+/-3.558 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.818+/-3.692 χ^2/NDF : 0.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

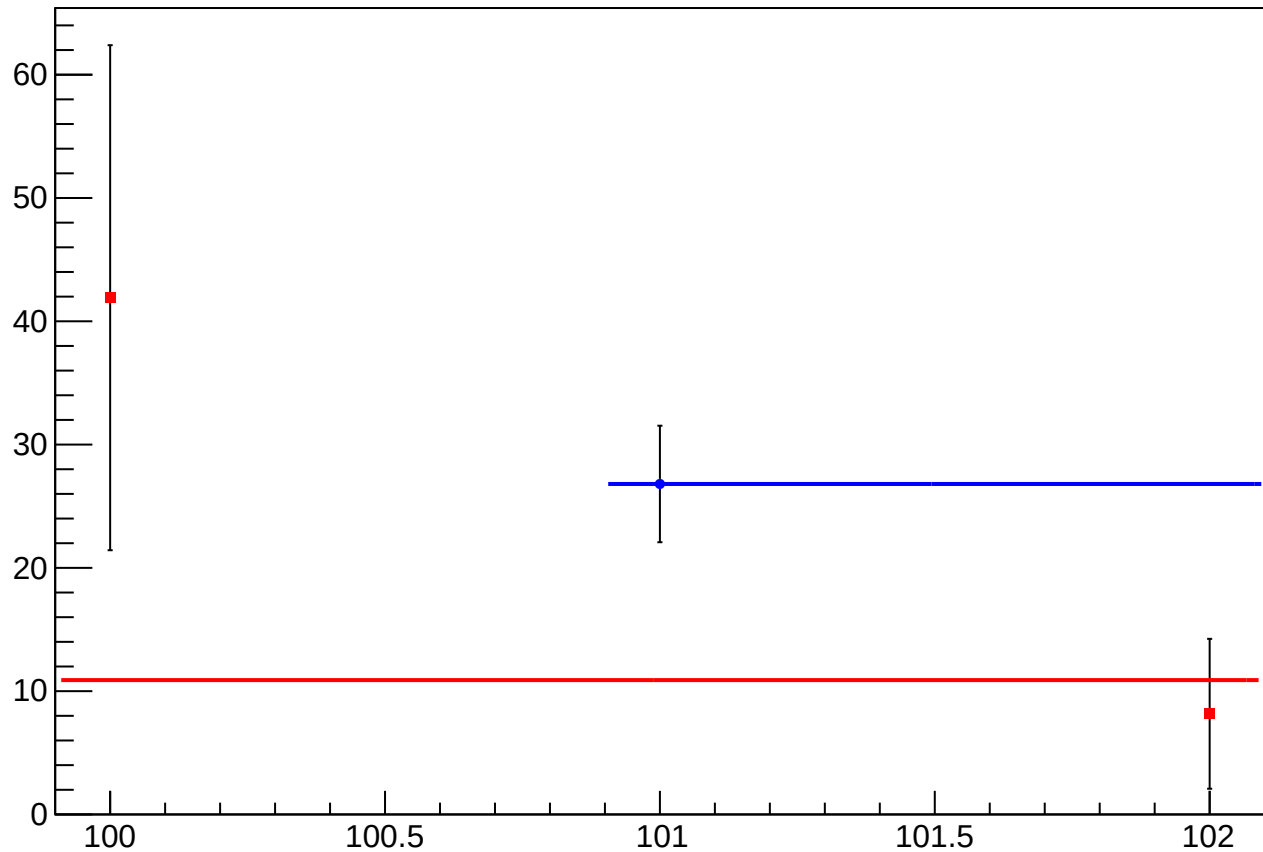
Right: 53.403+/-2.562 χ^2/NDF : 4.9/2

In: 58.589+/-3.558 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.403+/-2.562 χ^2/NDF : 4.9/2

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 26.805 $\pm$ 4.724 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.897 $\pm$ 5.827 χ^2 /NDF: 2.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

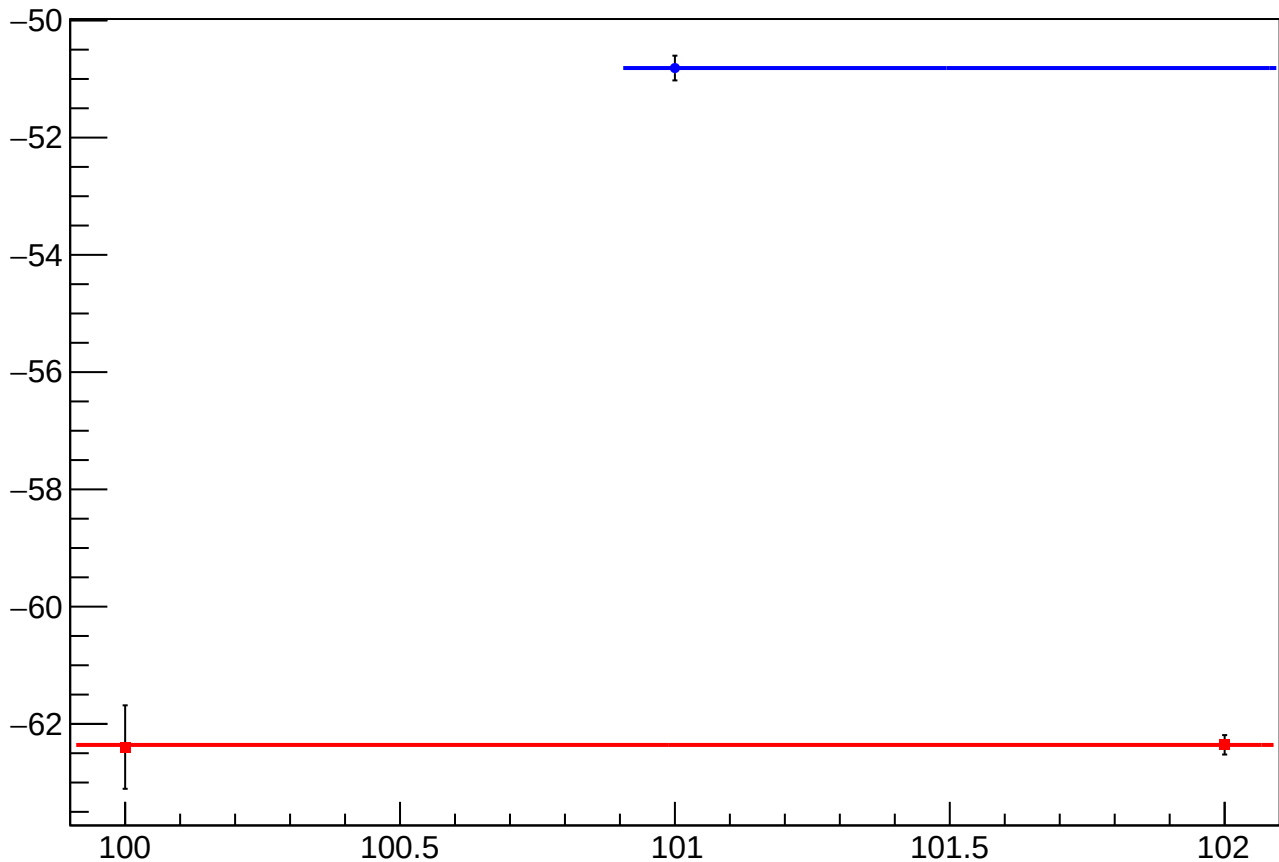
Right: 20.496 $\pm$ 3.670 χ^2 /NDF: 7.0/2

In: 26.805 $\pm$ 4.724 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.496 $\pm$ 3.670 χ^2 /NDF: 7.0/2

reg_asym_us_dd_atlr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -50.814 $\pm$ 0.211 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -62.359 $\pm$ 0.161 χ^2 /NDF: 0.0/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

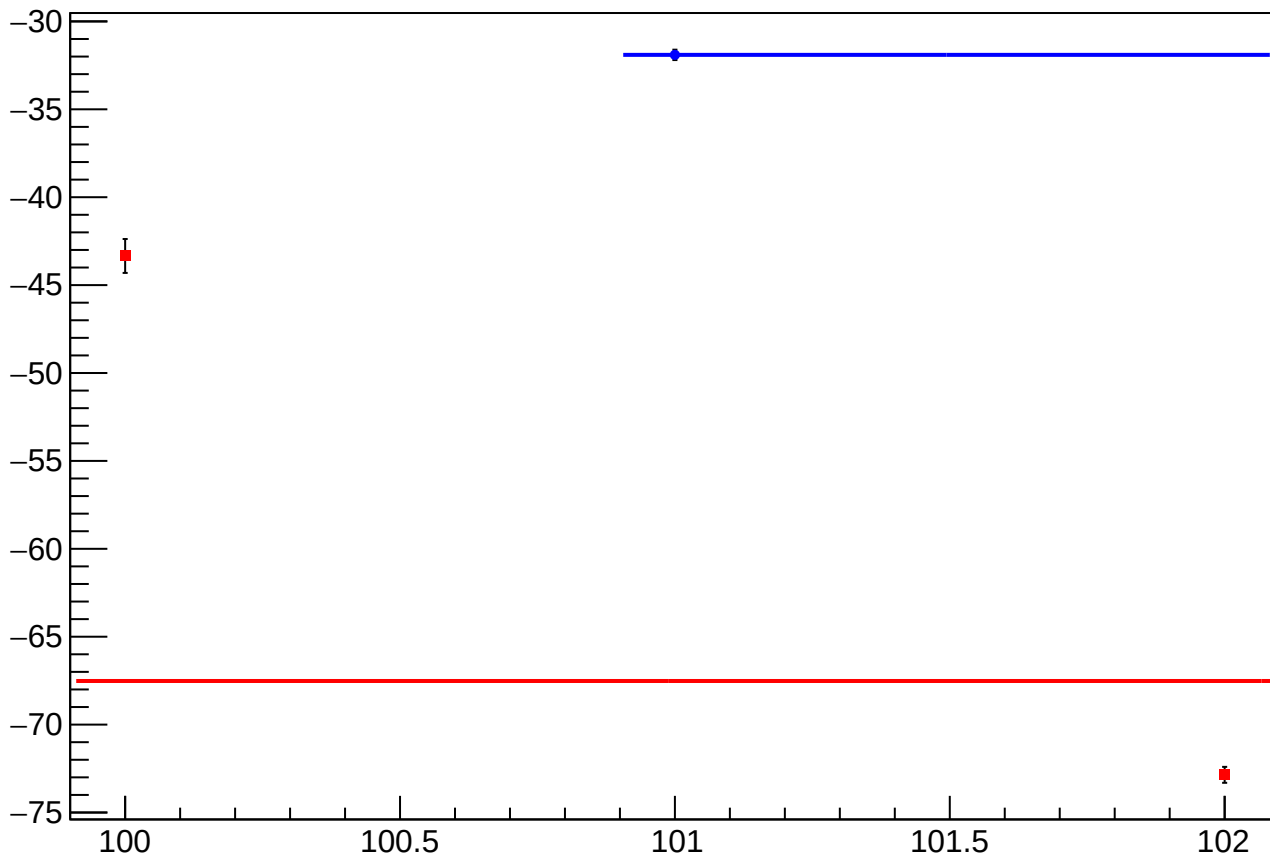
Right: -58.092 $\pm$ 0.128 χ^2 /NDF: 1889.1/2

In: -50.814 $\pm$ 0.211 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -58.092 $\pm$ 0.128 χ^2 /NDF: 1889.1/2

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -31.903+/-0.295 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -67.519+/-0.410 χ^2/NDF : 767.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

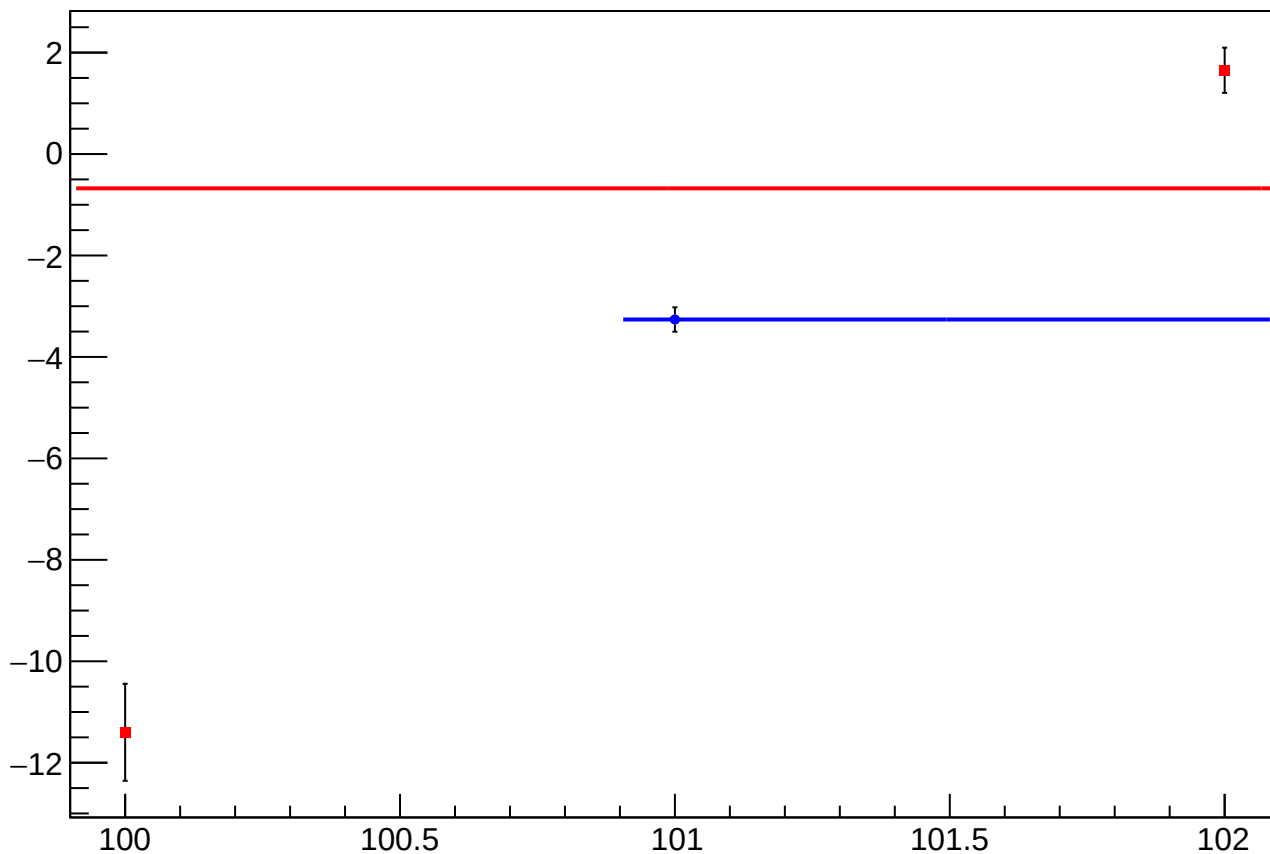
Right: -44.066+/-0.240 χ^2/NDF : 5731.5/2

In: -31.903+/-0.295 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.066+/-0.240 χ^2/NDF : 5731.5/2

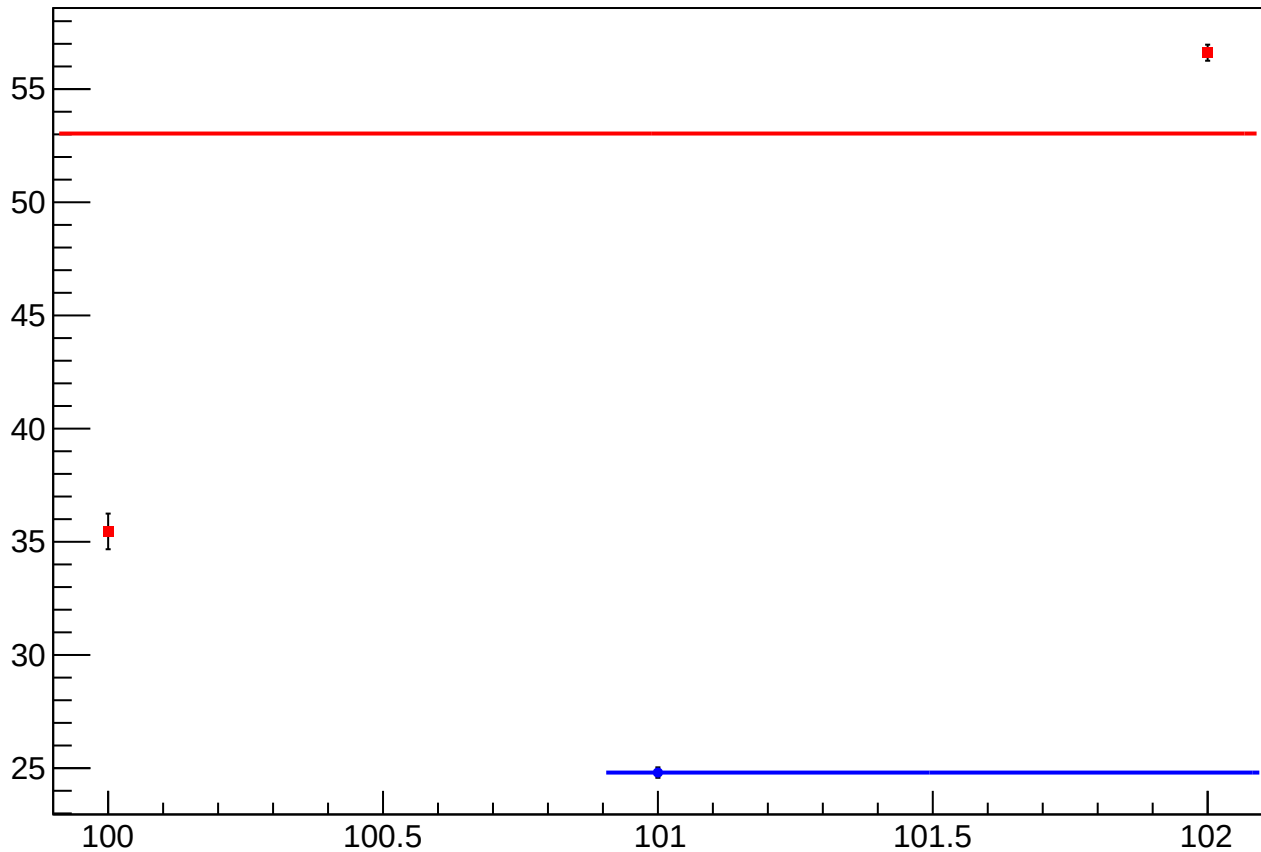
reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.262 $\pm$ 0.241 χ^2 /NDF: 0.0/0
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.676 $\pm$ 0.404 χ^2 /NDF: 153.0/1
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -2.585 $\pm$ 0.207 χ^2 /NDF: 183.3/2
 In: -3.262 $\pm$ 0.241 χ^2 /NDF:0.0/0
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -2.585 $\pm$ 0.207 χ^2 /NDF: 183.3/2

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 24.805 $\pm$ 0.231 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 53.037 $\pm$ 0.324 χ^2 /NDF: 599.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

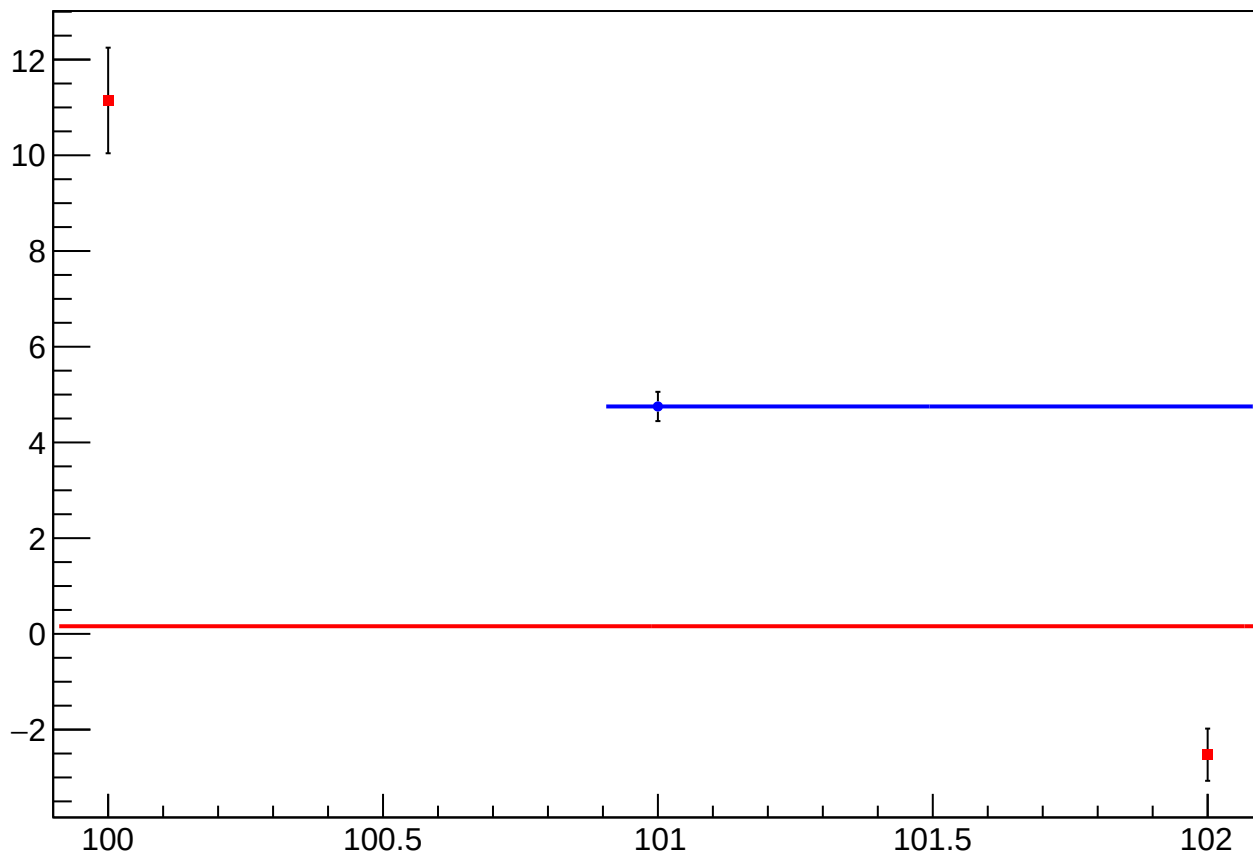
Right: 34.339 $\pm$ 0.188 χ^2 /NDF: 5643.8/2

In: 24.805 $\pm$ 0.231 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.339 $\pm$ 0.188 χ^2 /NDF: 5643.8/2

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.752+/-0.306 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.160+/-0.489 χ^2/NDF : 123.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

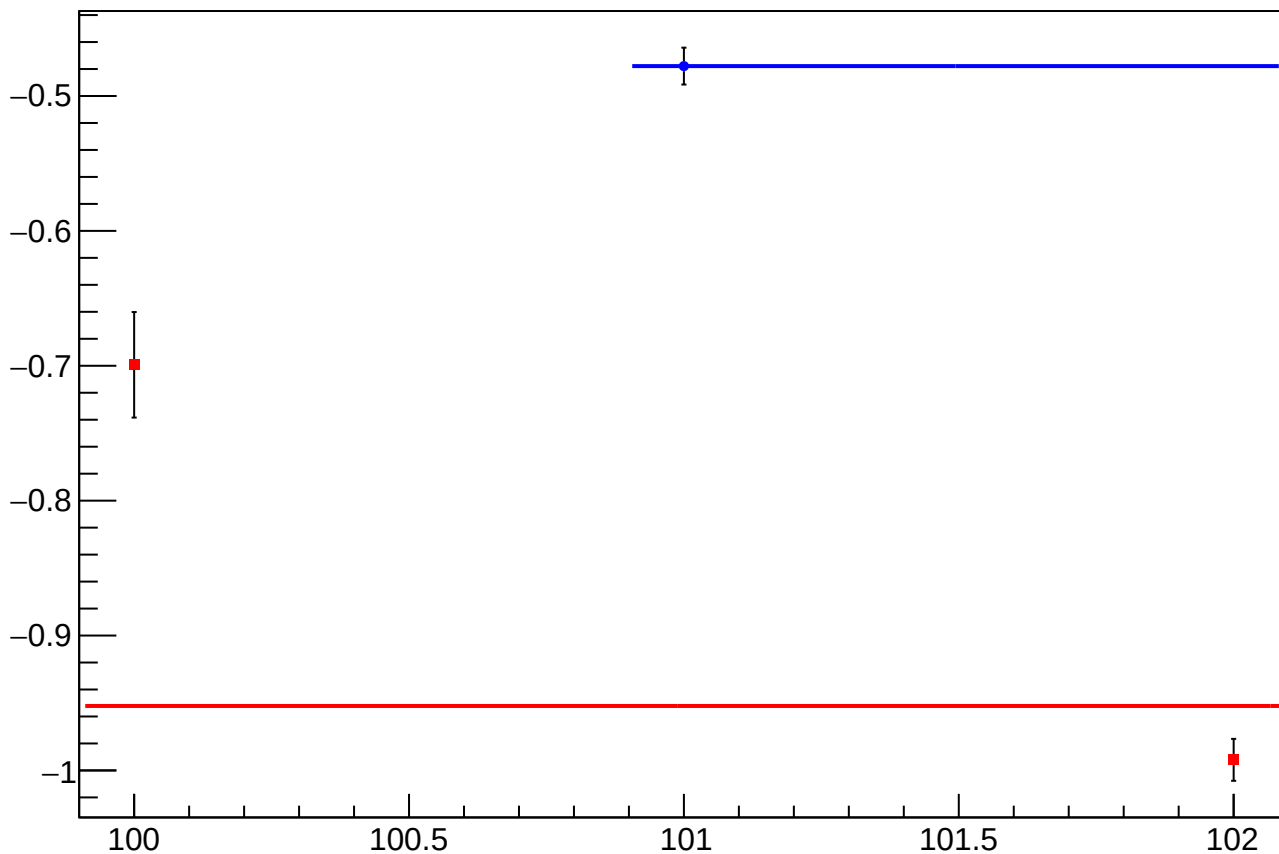
Right: 3.462+/-0.259 χ^2/NDF : 186.8/2

In: 4.752+/-0.306 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.462+/-0.259 χ^2/NDF : 186.8/2

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.478 ± 0.014 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.952 ± 0.014 $\chi^2/\text{NDF}: 48.4/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

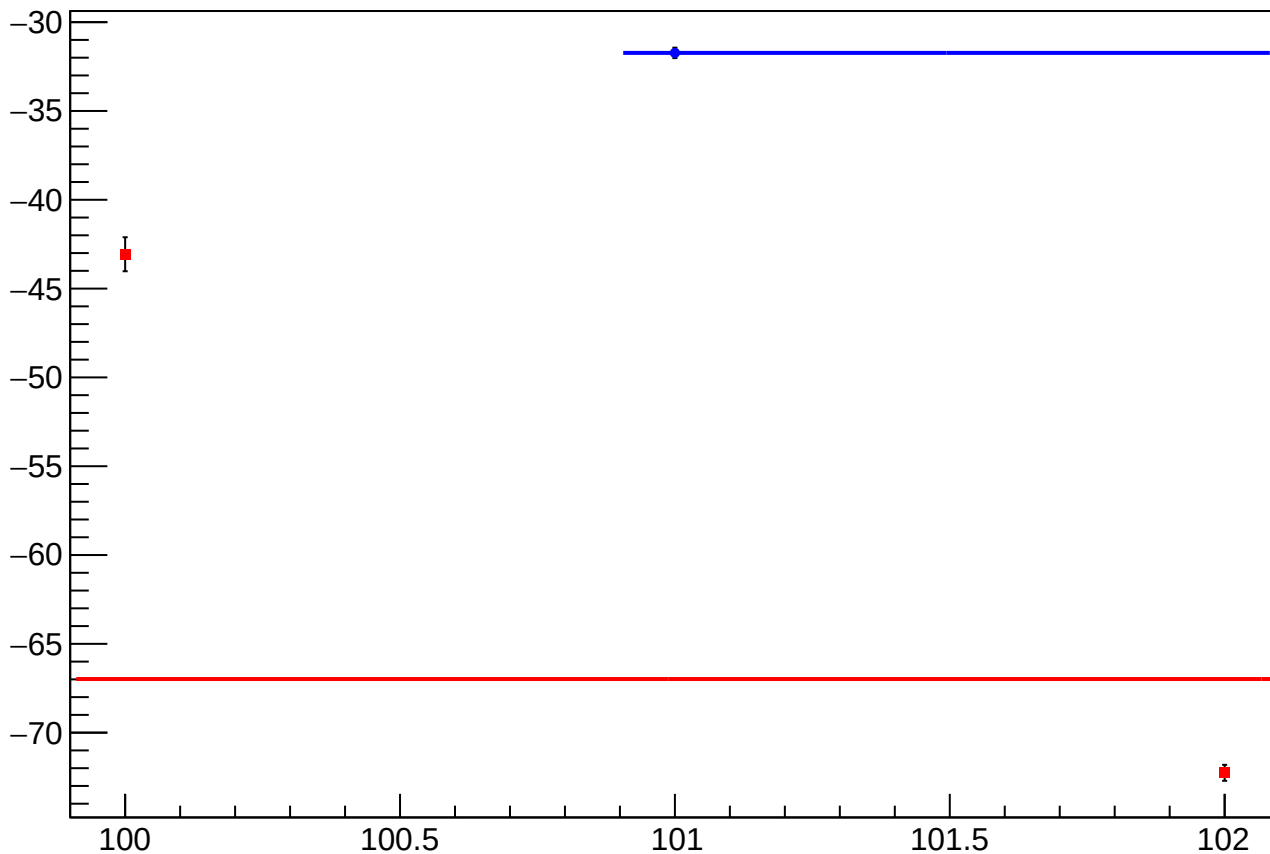
Right: -0.702 ± 0.010 $\chi^2/\text{NDF}: 617.3/2$

In: -0.478 ± 0.014 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.702 ± 0.010 $\chi^2/\text{NDF}: 617.3/2$

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -31.730 $\pm$ 0.294 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -66.980 $\pm$ 0.407 χ^2 /NDF: 762.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

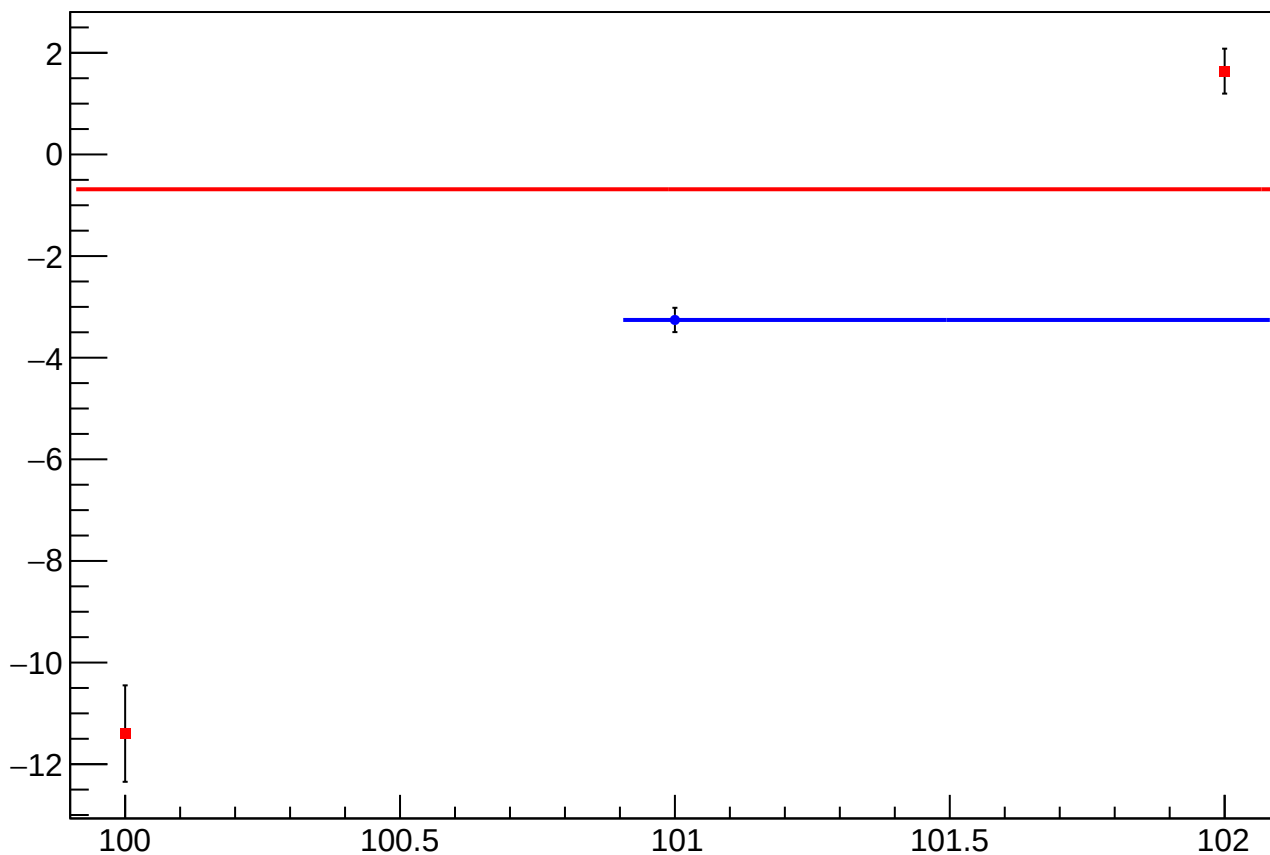
Right: -43.807 $\pm$ 0.238 χ^2 /NDF: 5693.6/2

In: -31.730 $\pm$ 0.294 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -43.807 $\pm$ 0.238 χ^2 /NDF: 5693.6/2

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.257 $\pm$ 0.239 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.685 $\pm$ 0.401 χ^2 /NDF: 155.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

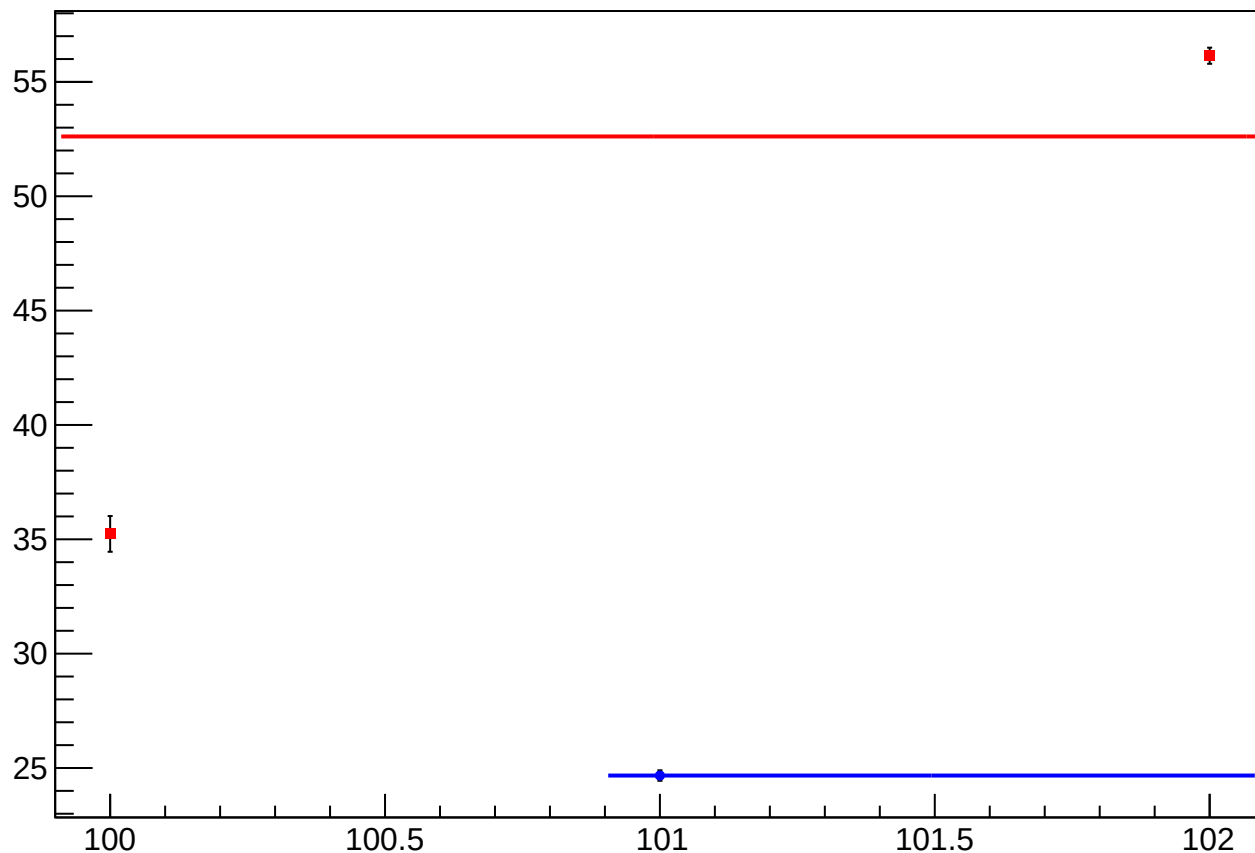
Right: -2.581 $\pm$ 0.205 χ^2 /NDF: 185.4/2

In: -3.257 $\pm$ 0.239 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2.581 $\pm$ 0.205 χ^2 /NDF: 185.4/2

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 24.670 $\pm$ 0.230 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 52.615 $\pm$ 0.321 χ^2 /NDF: 595.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

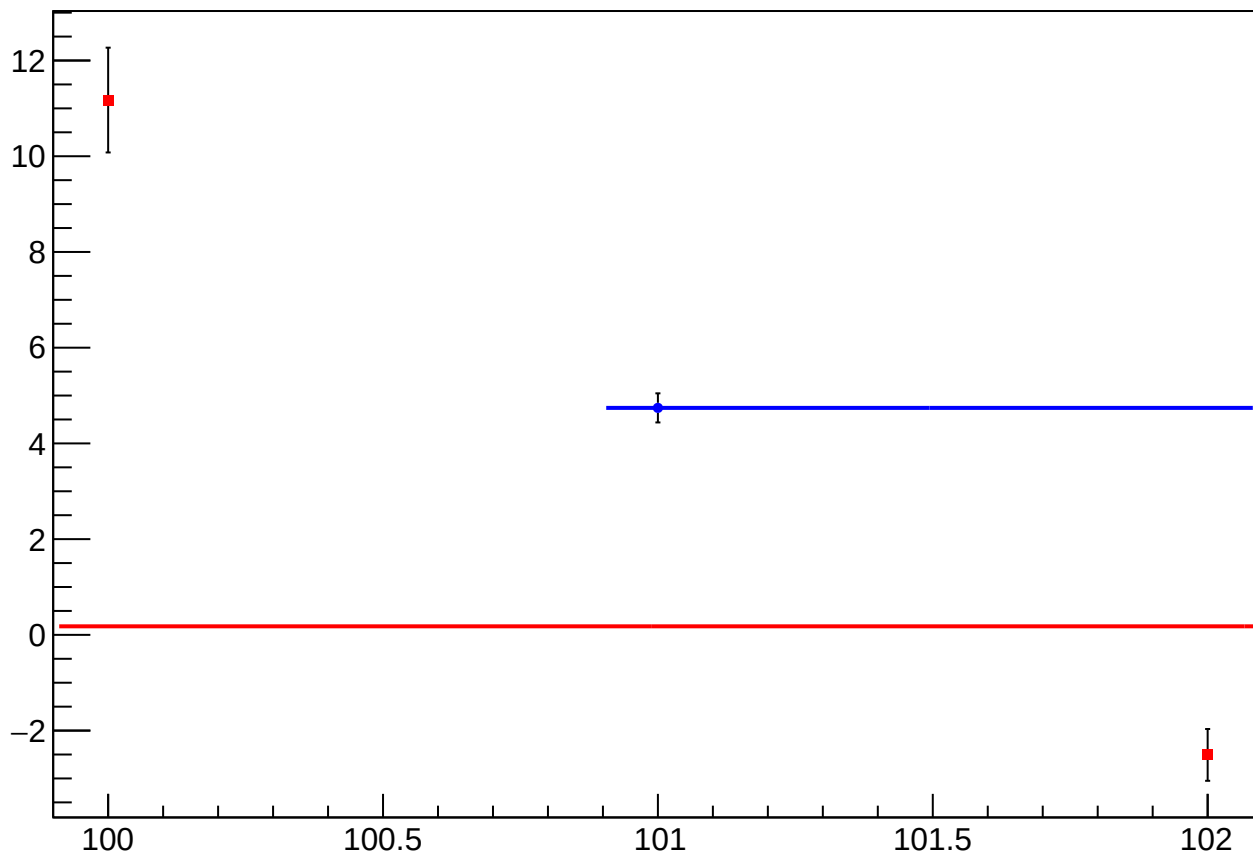
Right: 34.138 $\pm$ 0.187 χ^2 /NDF: 5606.6/2

In: 24.670 $\pm$ 0.230 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.138 $\pm$ 0.187 χ^2 /NDF: 5606.6/2

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.742 $\pm$ 0.304 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.178 $\pm$ 0.485 χ^2 /NDF: 125.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

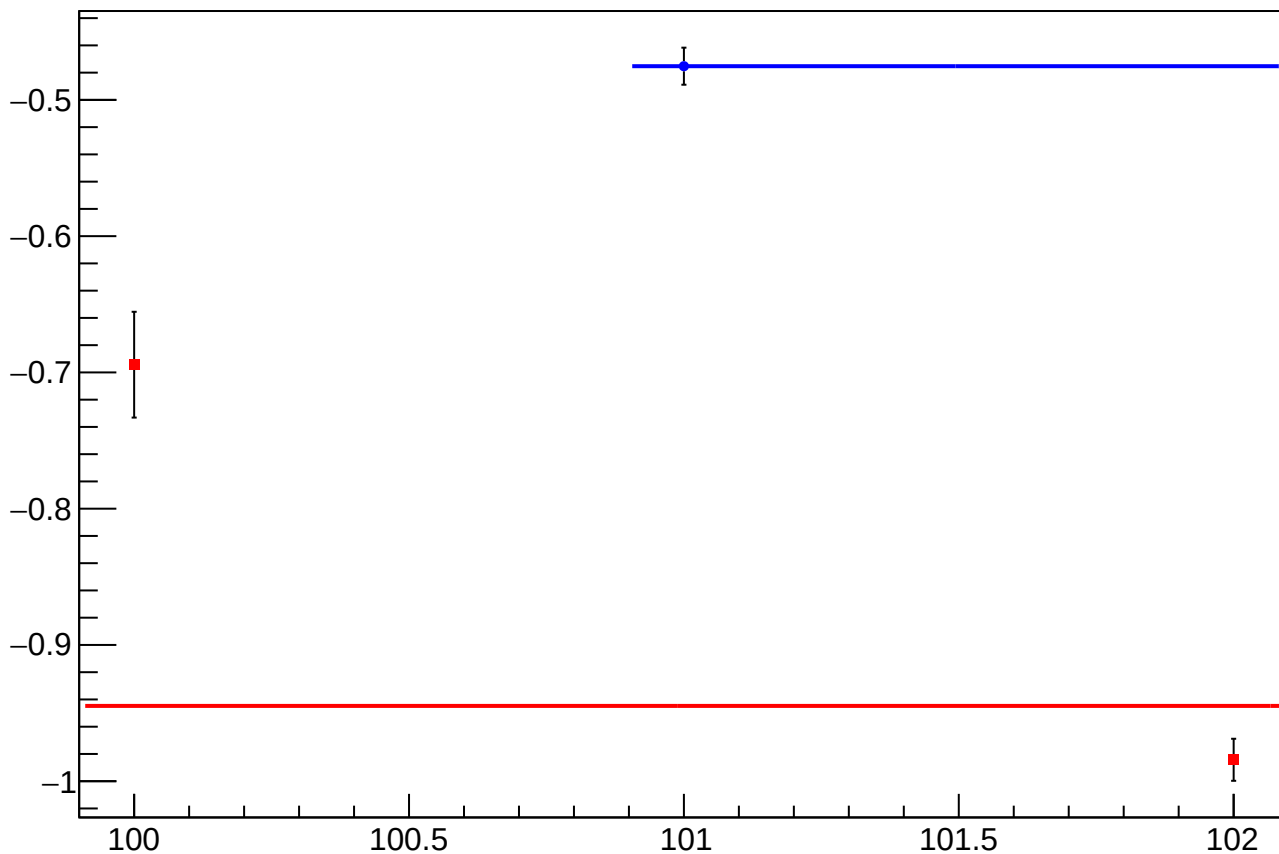
Right: 3.455 $\pm$ 0.258 χ^2 /NDF: 189.1/2

In: 4.742 $\pm$ 0.304 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.455 $\pm$ 0.258 χ^2 /NDF: 189.1/2

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.475+/-0.014 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.945+/-0.014 χ^2 /NDF: 48.2/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

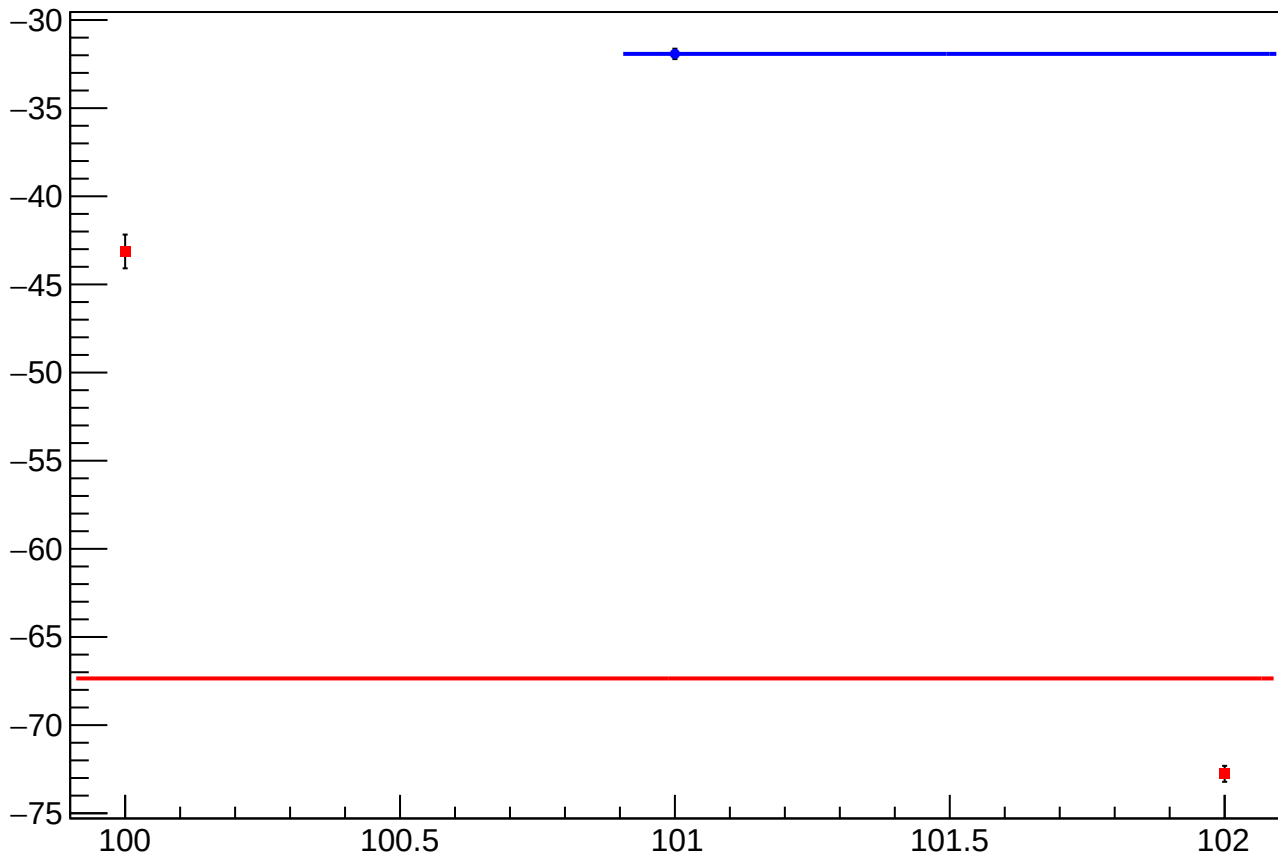
Right: -0.698+/-0.010 χ^2 /NDF: 612.9/2

In: -0.475+/-0.014 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.698+/-0.010 χ^2 /NDF: 612.9/2

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -31.921 $\pm$ 0.295 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -67.352 $\pm$ 0.409 χ^2 /NDF: 782.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

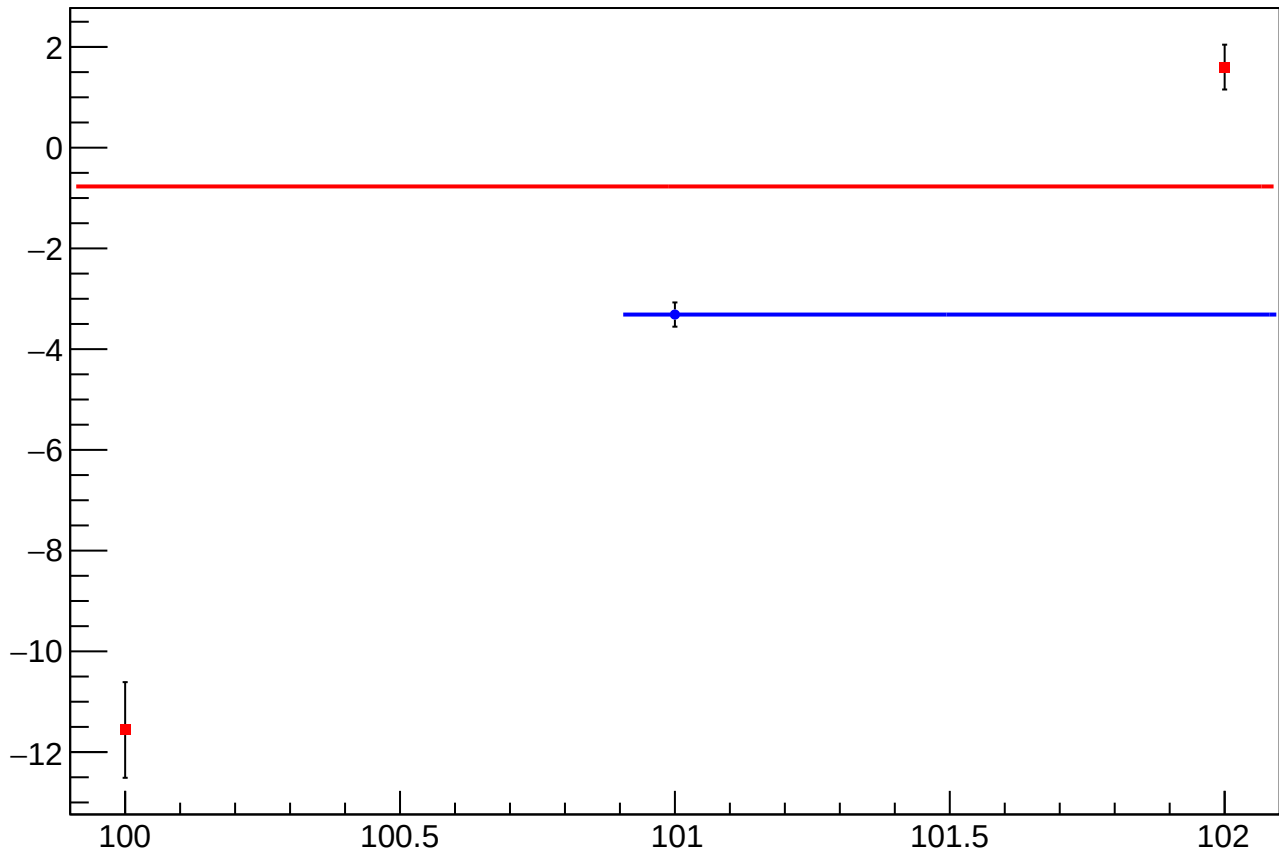
Right: -44.060 $\pm$ 0.240 χ^2 /NDF: 5710.1/2

In: -31.921 $\pm$ 0.295 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -44.060 $\pm$ 0.240 χ^2 /NDF: 5710.1/2

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.313 $\pm$ 0.241 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.770 $\pm$ 0.403 χ^2 /NDF: 157.5/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

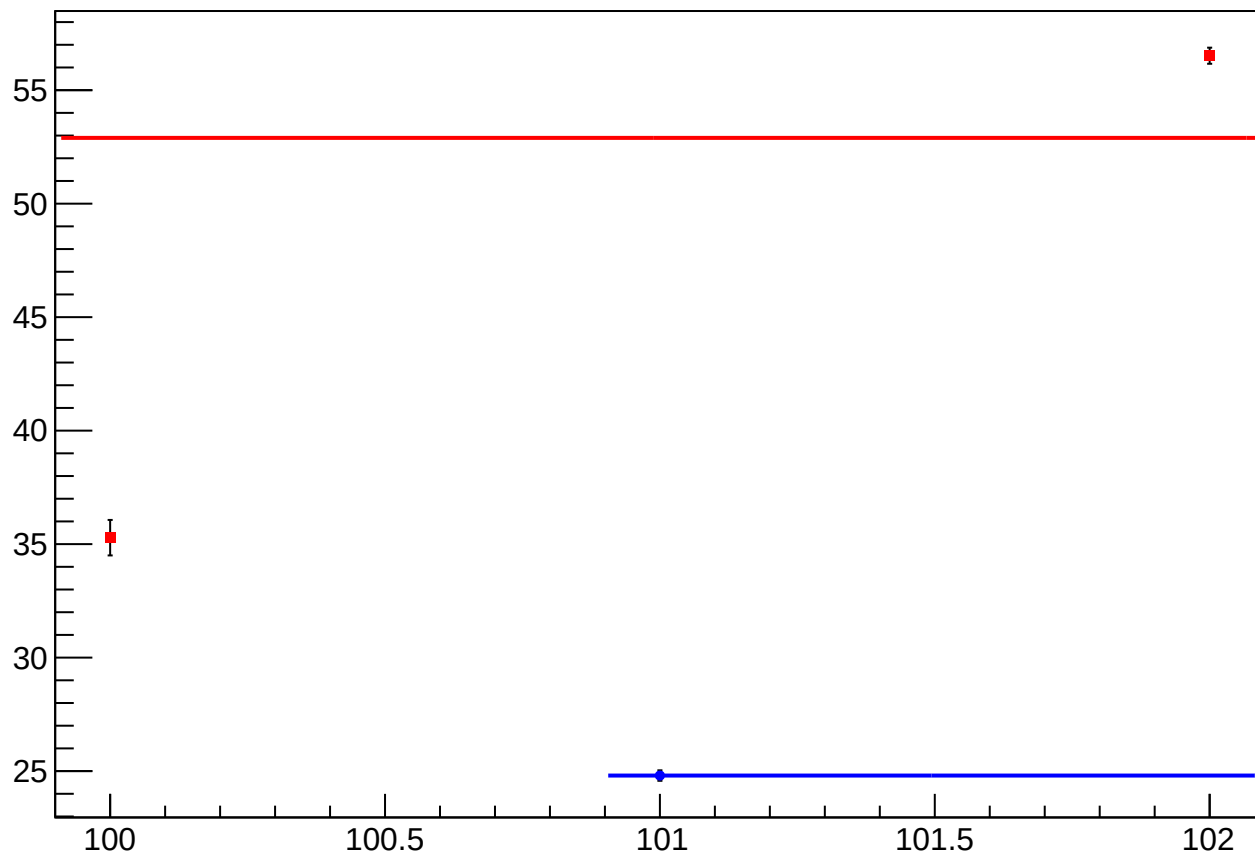
Right: -2.645 $\pm$ 0.207 χ^2 /NDF: 186.8/2

In: -3.313 $\pm$ 0.241 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2.645 $\pm$ 0.207 χ^2 /NDF: 186.8/2

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 24.803 $\pm$ 0.231 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 52.898 $\pm$ 0.323 χ^2 /NDF: 612.1/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

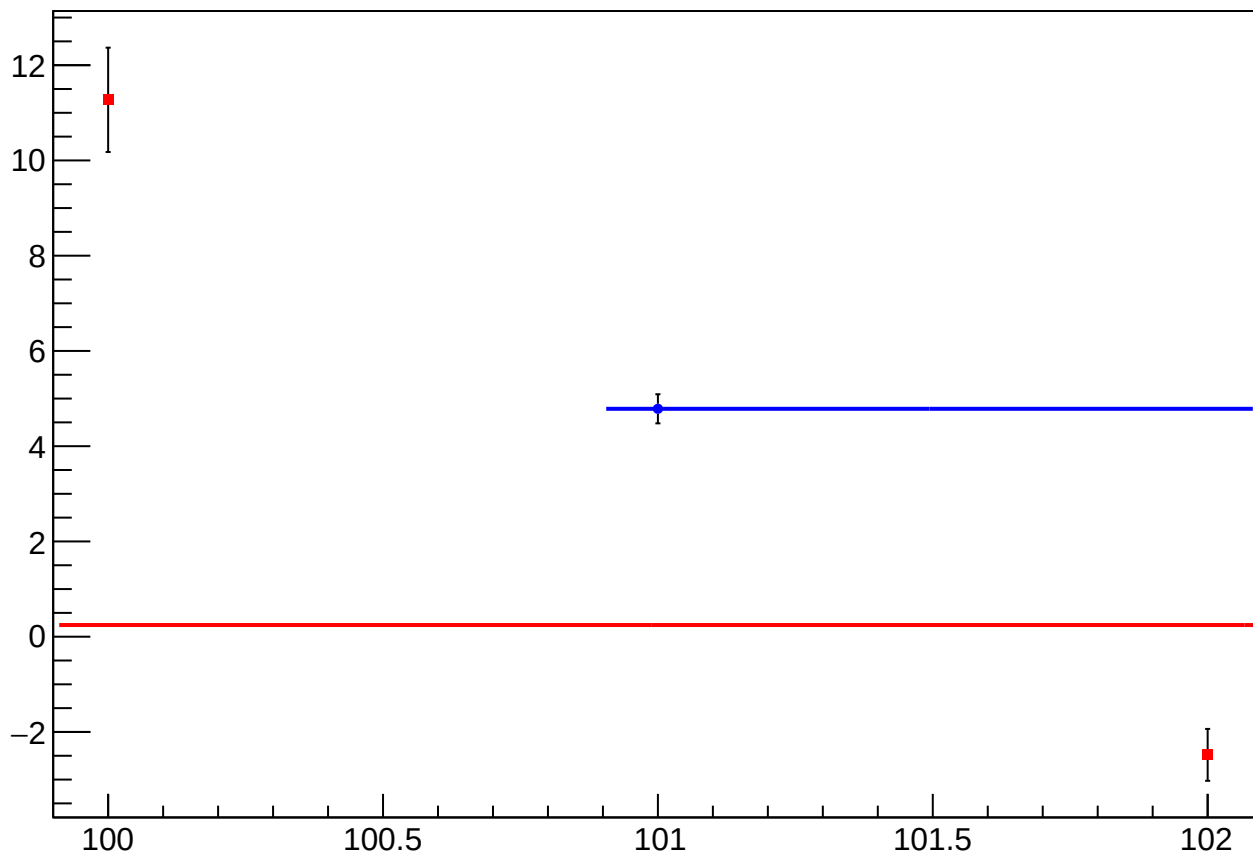
Right: 34.321 $\pm$ 0.188 χ^2 /NDF: 5621.5/2

In: 24.803 $\pm$ 0.231 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.321 $\pm$ 0.188 χ^2 /NDF: 5621.5/2

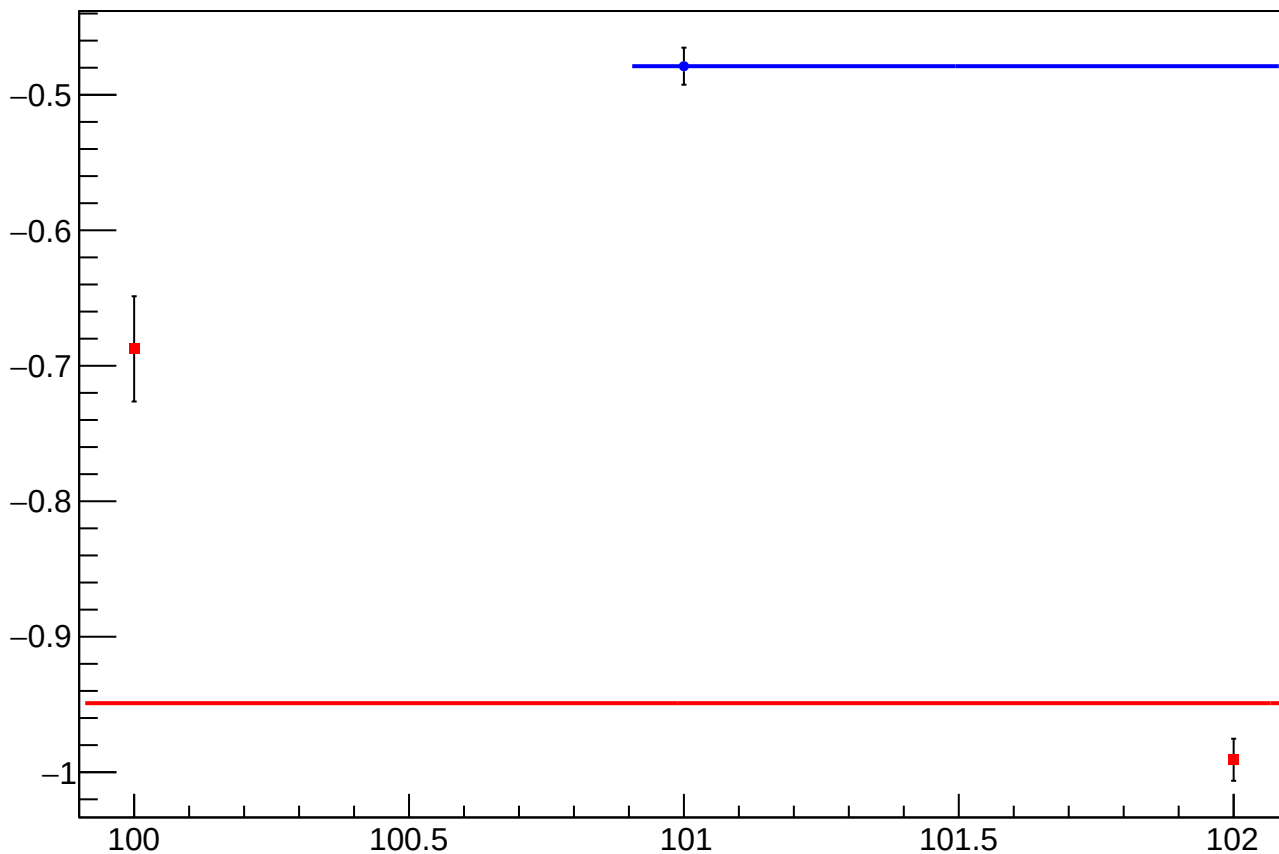
reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.785+/-0.306 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.245+/-0.488 χ^2/NDF : 126.4/1
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 3.505+/-0.259 χ^2/NDF : 188.6/2
 In: 4.785+/-0.306 χ^2/NDF : 0.0/0
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 3.505+/-0.259 χ^2/NDF : 188.6/2

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.479 $\pm$ 0.014 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.949 $\pm$ 0.014 χ^2 /NDF: 52.6/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

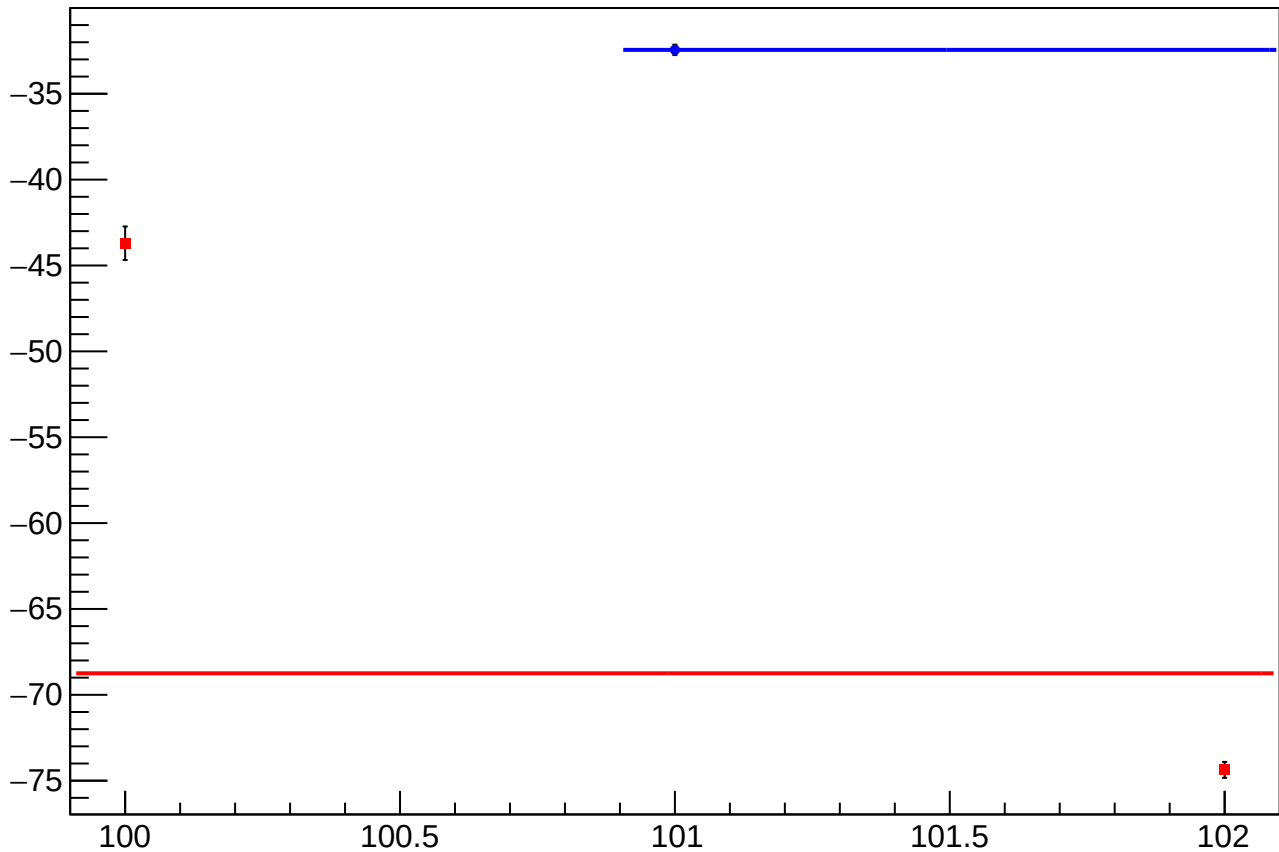
Right: -0.701 $\pm$ 0.010 χ^2 /NDF: 612.6/2

In: -0.479 $\pm$ 0.014 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.701 $\pm$ 0.010 χ^2 /NDF: 612.6/2

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -32.444 $\pm$ 0.303 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -68.747 $\pm$ 0.419 χ^2 /NDF: 802.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

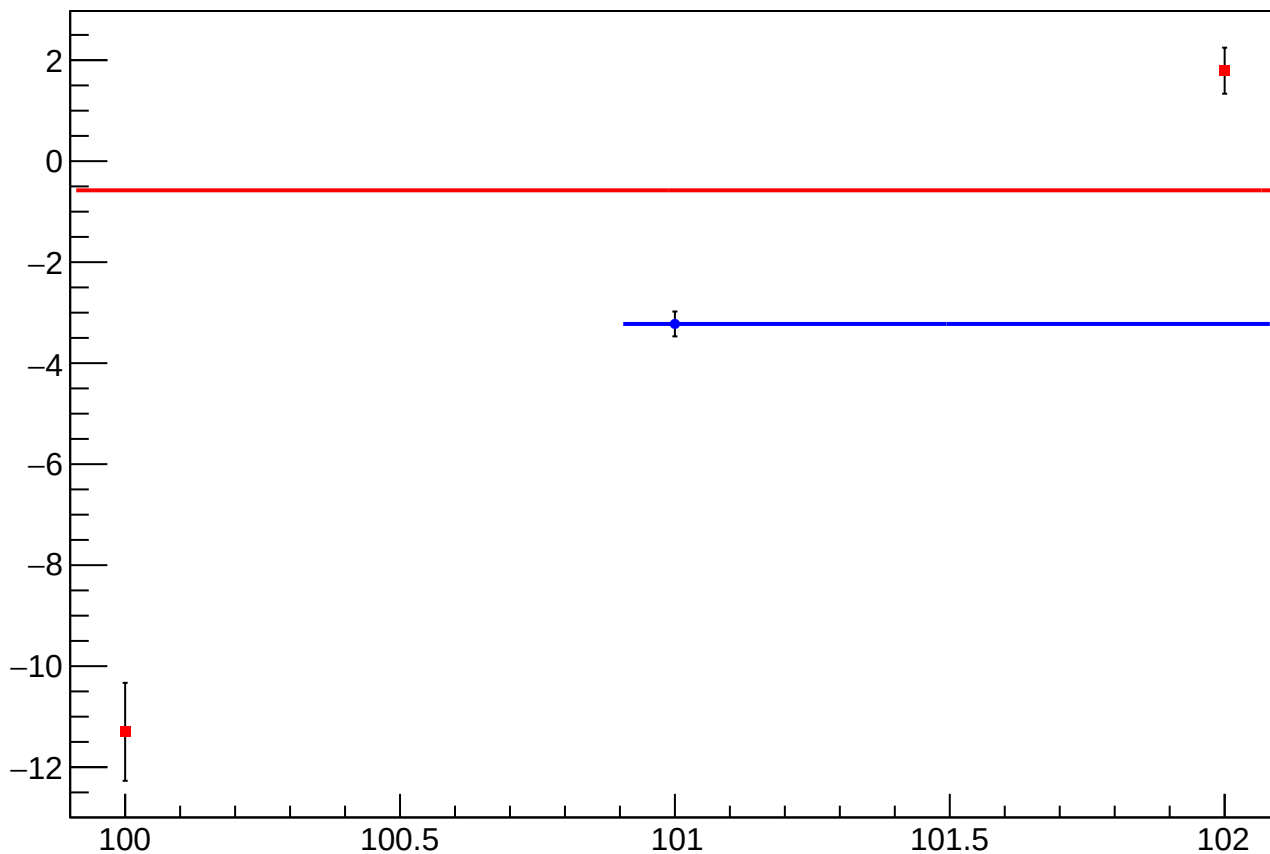
Right: -44.897 $\pm$ 0.245 χ^2 /NDF: 5741.2/2

In: -32.444 $\pm$ 0.303 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -44.897 $\pm$ 0.245 χ^2 /NDF: 5741.2/2

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.223+/-0.246 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.577+/-0.413 χ^2/NDF : 149.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

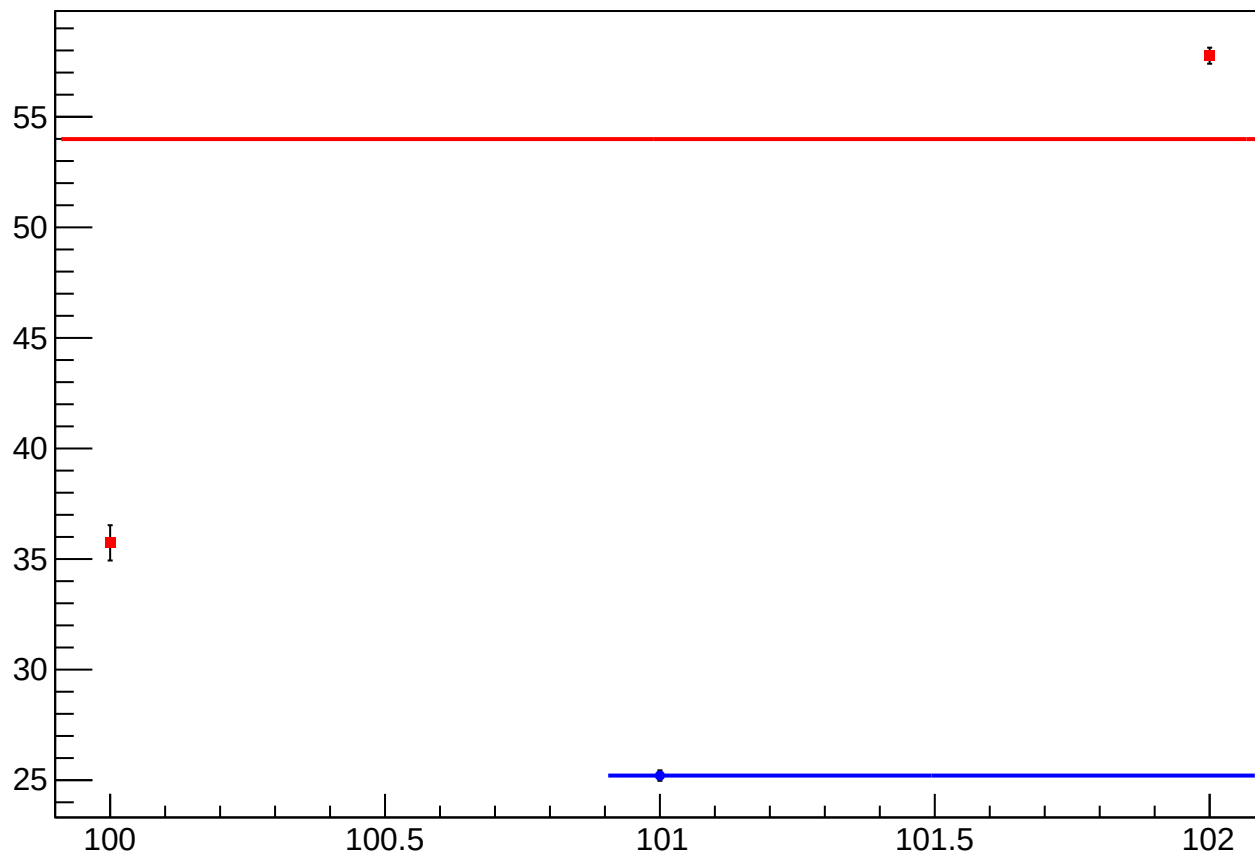
Right: -2.528+/-0.212 χ^2/NDF : 179.6/2

In: -3.223+/-0.246 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.528+/-0.212 χ^2/NDF : 179.6/2

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 25.209 $\pm$ 0.237 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 53.992 $\pm$ 0.330 χ^2 /NDF: 631.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

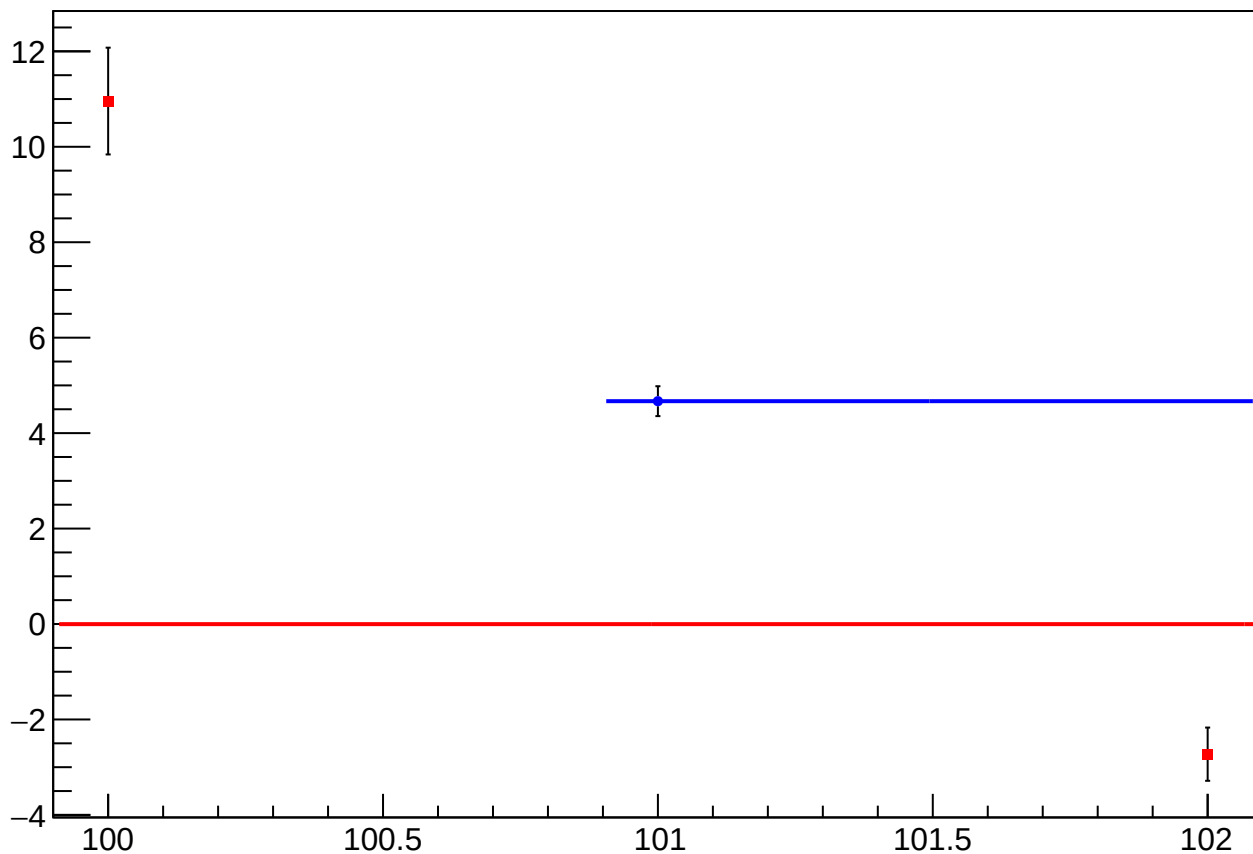
Right: 34.972 $\pm$ 0.192 χ^2 /NDF: 5650.4/2

In: 25.209 $\pm$ 0.237 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.972 $\pm$ 0.192 χ^2 /NDF: 5650.4/2

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.669+/-0.313 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.002+/-0.499 χ^2/NDF : 119.9/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

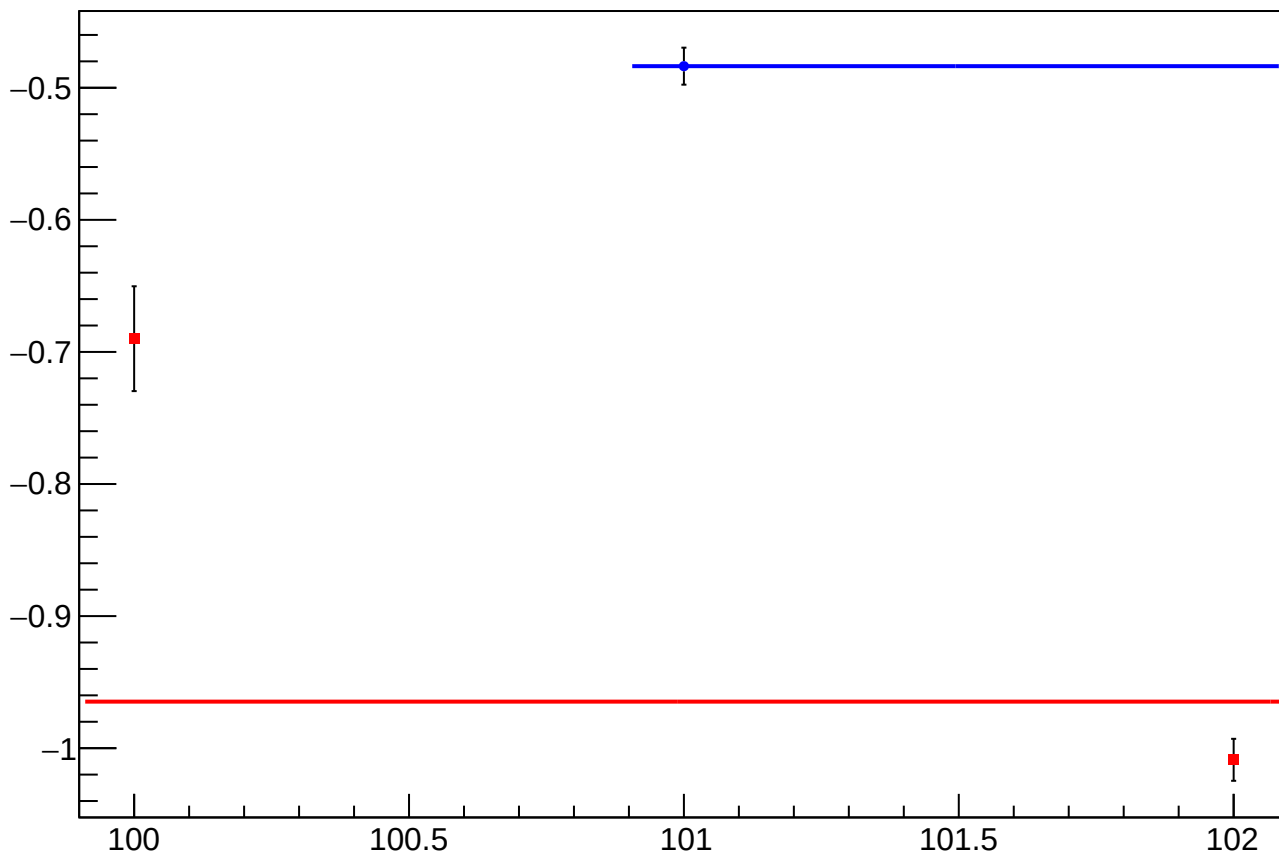
Right: 3.351+/-0.265 χ^2/NDF : 182.7/2

In: 4.669+/-0.313 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.351+/-0.265 χ^2/NDF : 182.7/2

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.484+/-0.014 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.965+/-0.015 χ^2/NDF : 55.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

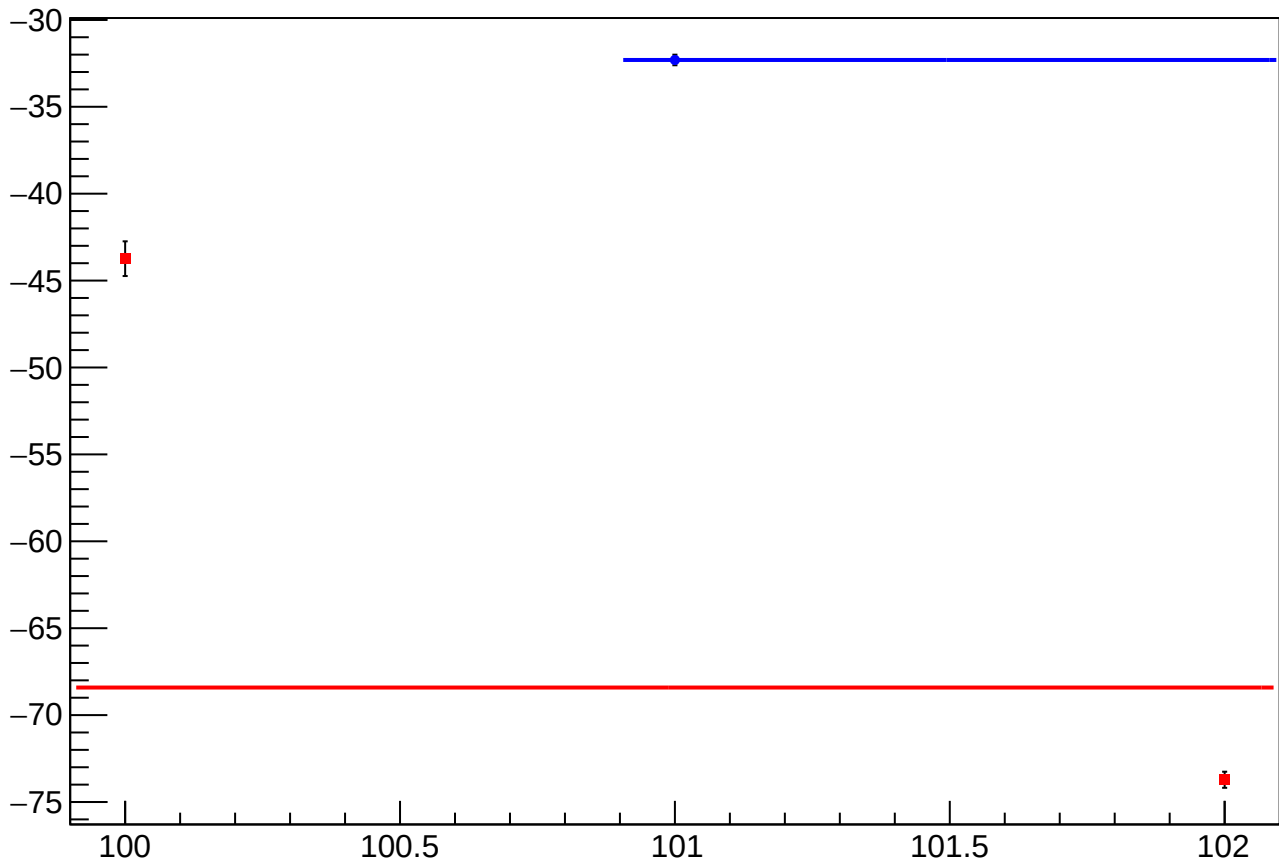
Right: -0.712+/-0.010 χ^2/NDF : 615.1/2

In: -0.484+/-0.014 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.712+/-0.010 χ^2/NDF : 615.1/2

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -32.307 $\pm$ 0.305 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -68.414 $\pm$ 0.420 χ^2 /NDF: 742.2/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

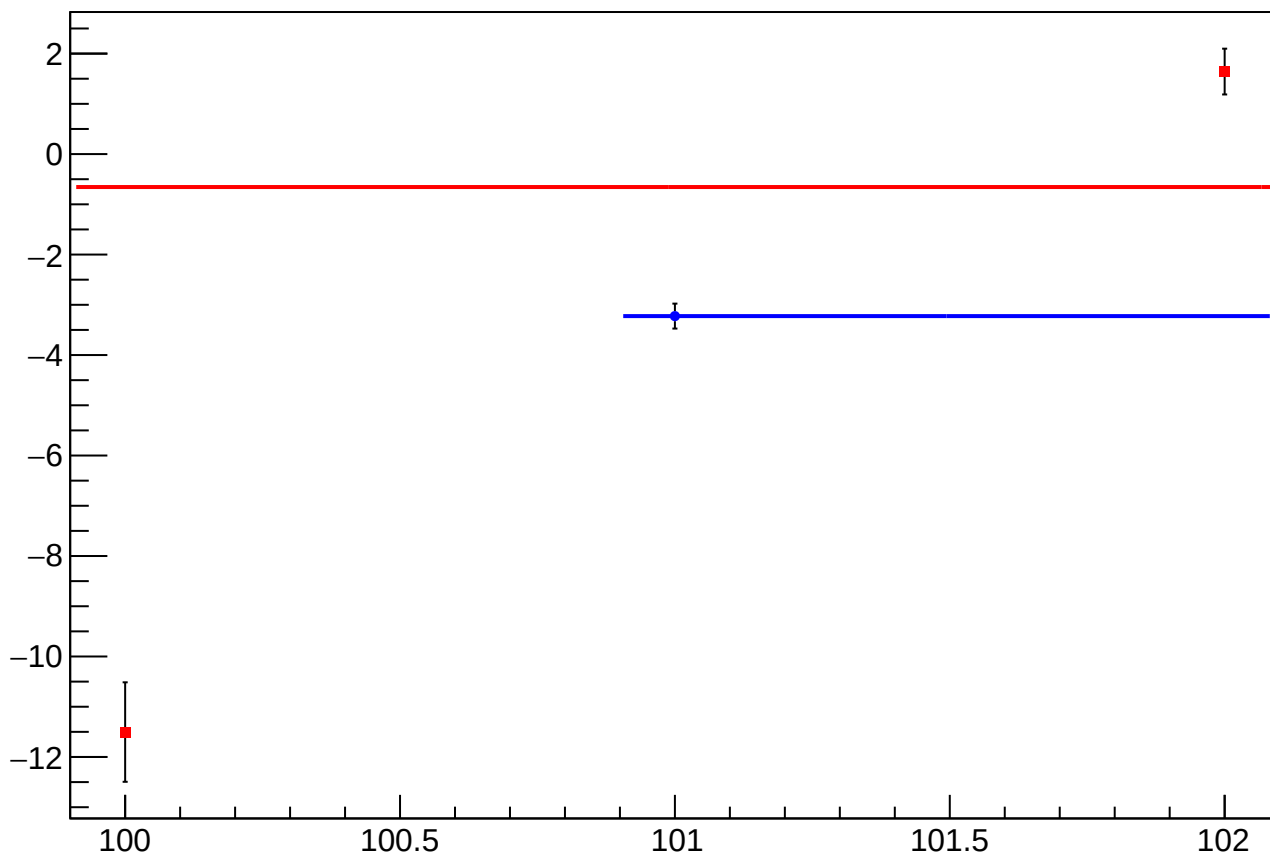
Right: -44.768 $\pm$ 0.247 χ^2 /NDF: 5582.4/2

In: -32.307 $\pm$ 0.305 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -44.768 $\pm$ 0.247 χ^2 /NDF: 5582.4/2

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.225+/-0.248 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.656+/-0.414 χ^2/NDF : 145.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

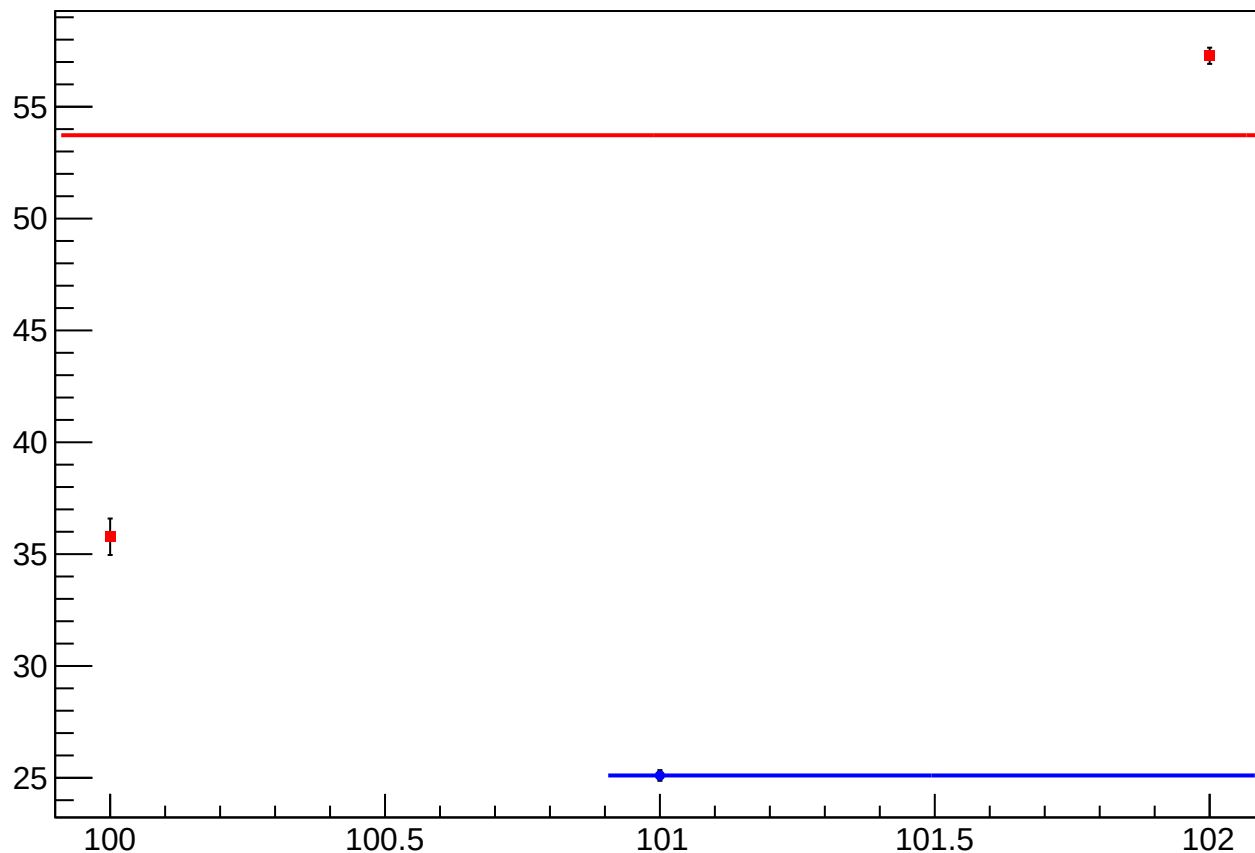
Right: -2.545+/-0.213 χ^2/NDF : 173.8/2

In: -3.225+/-0.248 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.545+/-0.213 χ^2/NDF : 173.8/2

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 25.105 $\pm$ 0.238 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 53.727 $\pm$ 0.331 χ^2 /NDF: 581.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

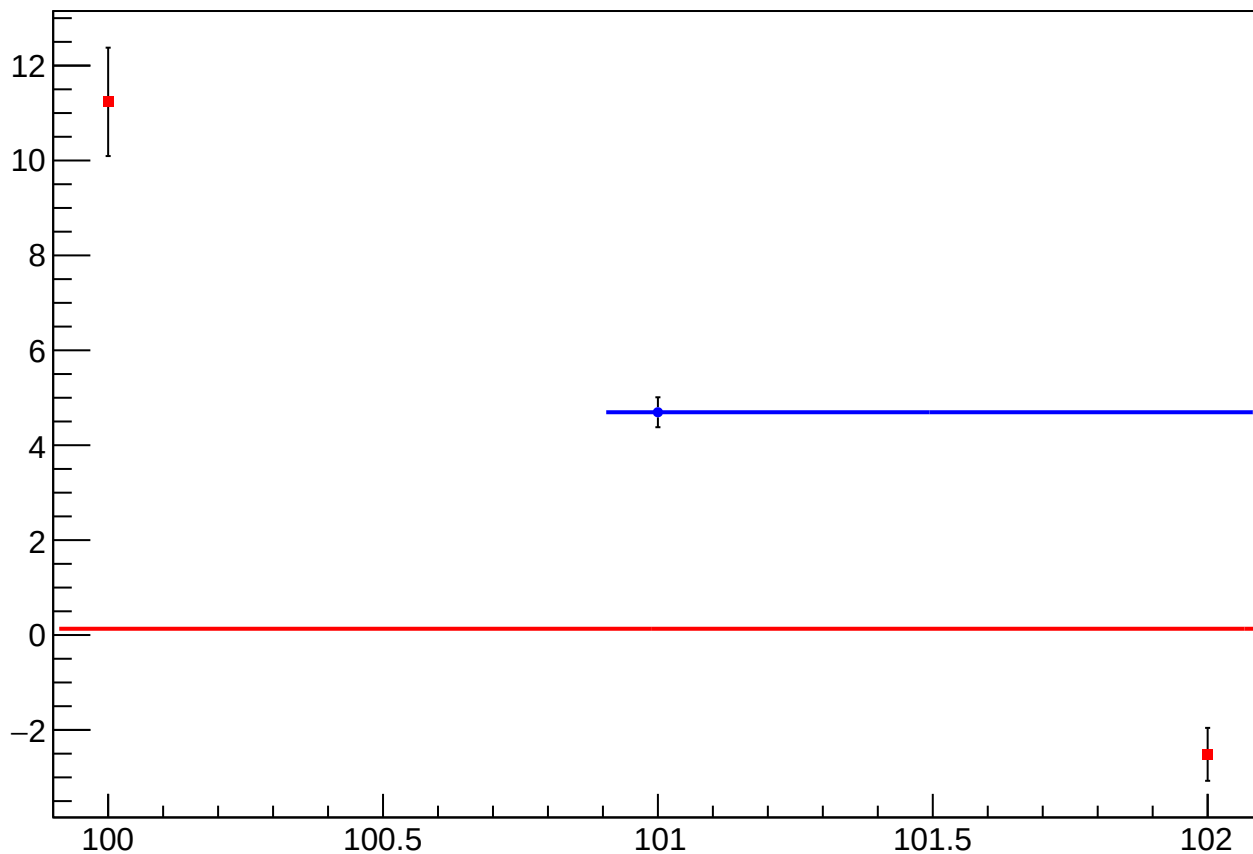
Right: 34.876 $\pm$ 0.193 χ^2 /NDF: 5500.4/2

In: 25.105 $\pm$ 0.238 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.876 $\pm$ 0.193 χ^2 /NDF: 5500.4/2

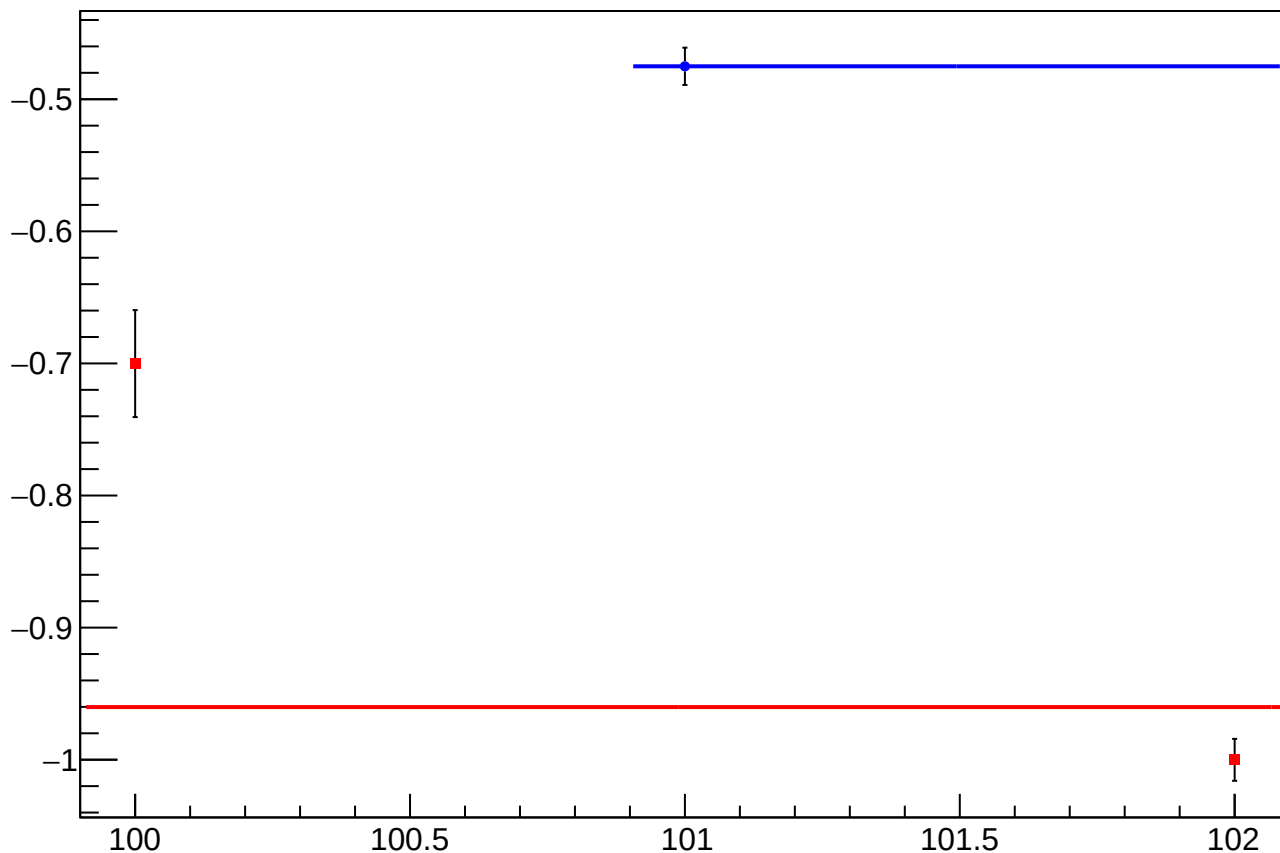
reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.695+/-0.315 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.132+/-0.501 χ^2/NDF : 117.1/1
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 3.399+/-0.267 χ^2/NDF : 176.4/2
 In: 4.695+/-0.315 χ^2/NDF : 0.0/0
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 3.399+/-0.267 χ^2/NDF : 176.4/2

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.475+/-0.014 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.960+/-0.015 χ^2/NDF : 47.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

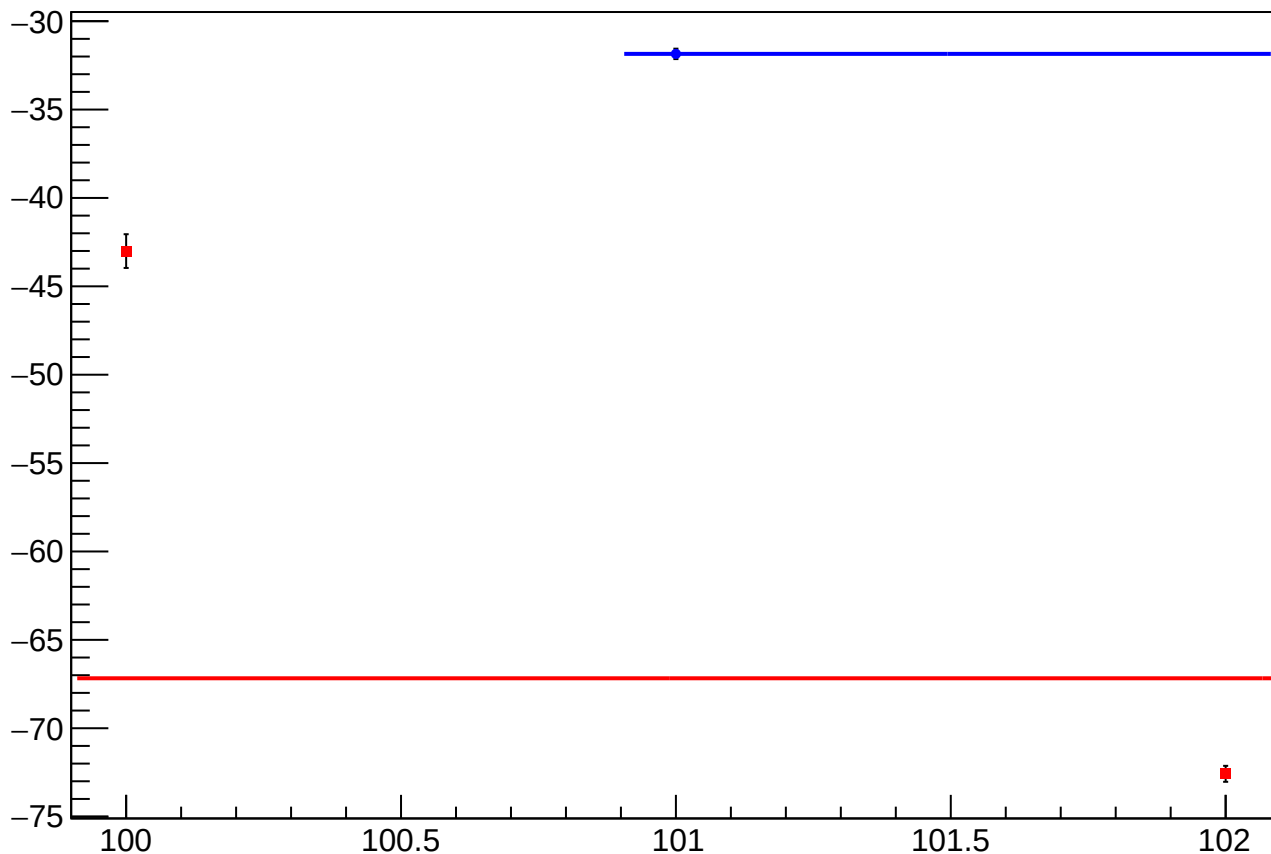
Right: -0.706+/-0.010 χ^2/NDF : 611.3/2

In: -0.475+/-0.014 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.706+/-0.010 χ^2/NDF : 611.3/2

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -31.850 ± 0.295 χ^2/NDF : 0.0/0

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -67.174 ± 0.408 χ^2/NDF : 784.6/1

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

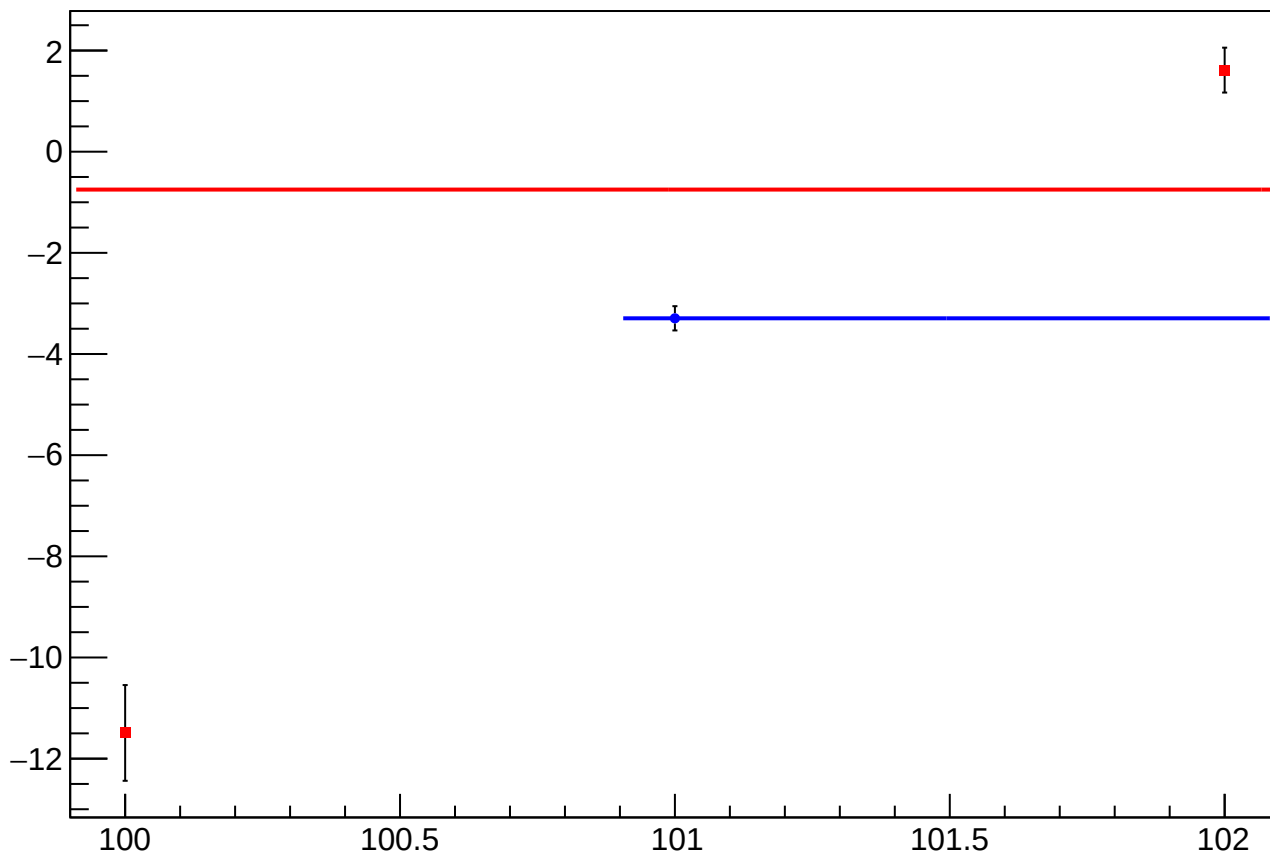
Right: -43.952 ± 0.239 χ^2/NDF : 5711.4/2

In: -31.850 ± 0.295 χ^2/NDF : 0.0/0

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -43.952 ± 0.239 χ^2/NDF : 5711.4/2

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.294+/-0.240 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.749+/-0.402 χ^2/NDF : 157.2/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

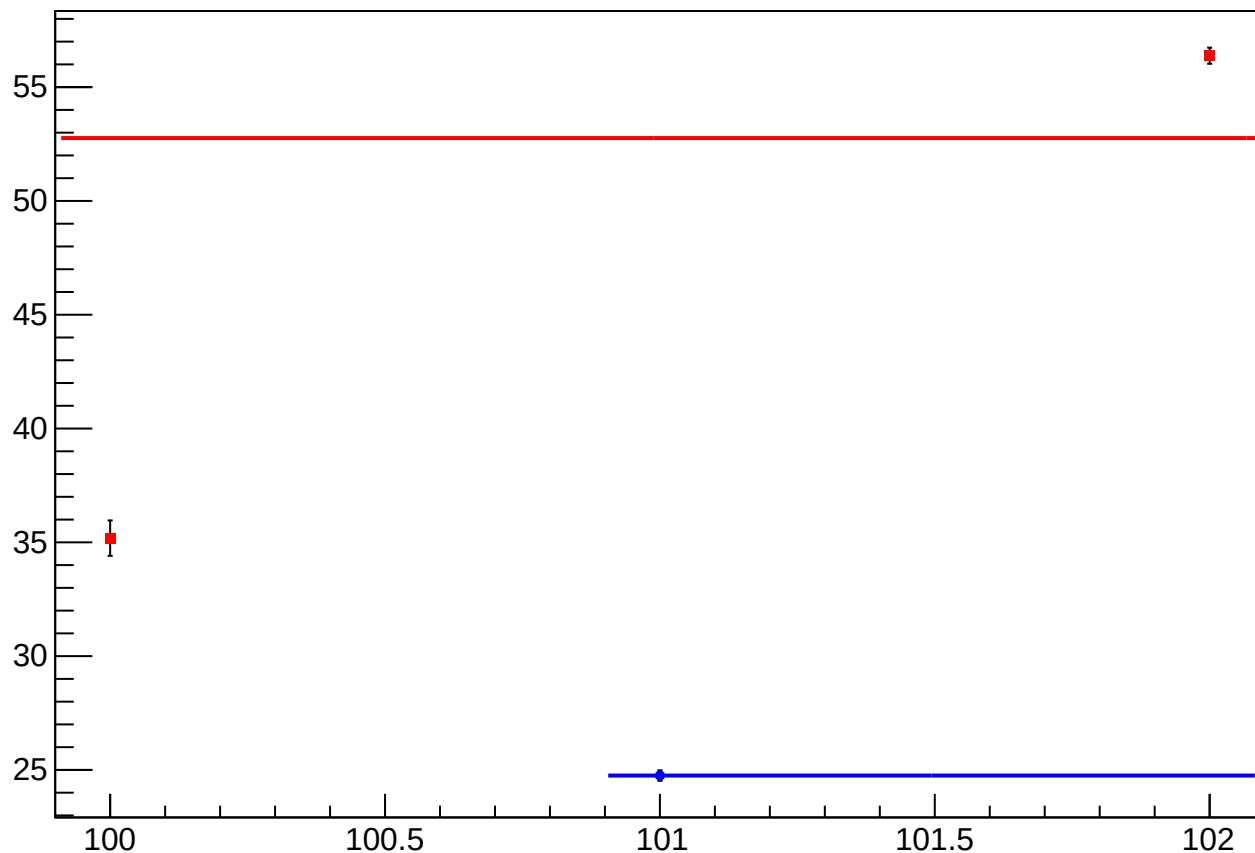
Right: -2.625+/-0.206 χ^2/NDF : 186.7/2

In: -3.294+/-0.240 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.625+/-0.206 χ^2/NDF : 186.7/2

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 24.753 $\pm$ 0.230 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 52.764 $\pm$ 0.322 χ^2 /NDF: 613.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

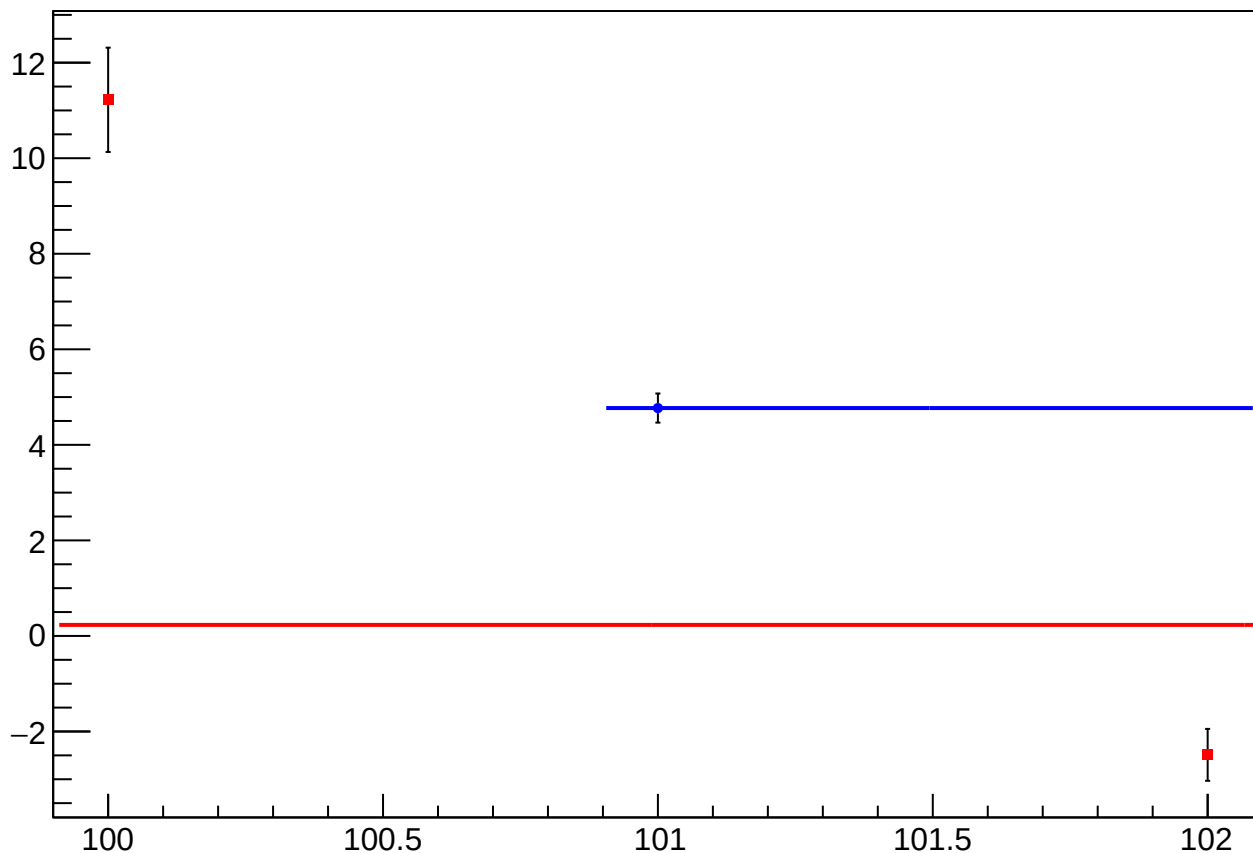
Right: 34.243 $\pm$ 0.187 χ^2 /NDF: 5622.9/2

In: 24.753 $\pm$ 0.230 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.243 $\pm$ 0.187 χ^2 /NDF: 5622.9/2

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.770+/-0.305 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.231+/-0.486 χ^2/NDF : 126.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

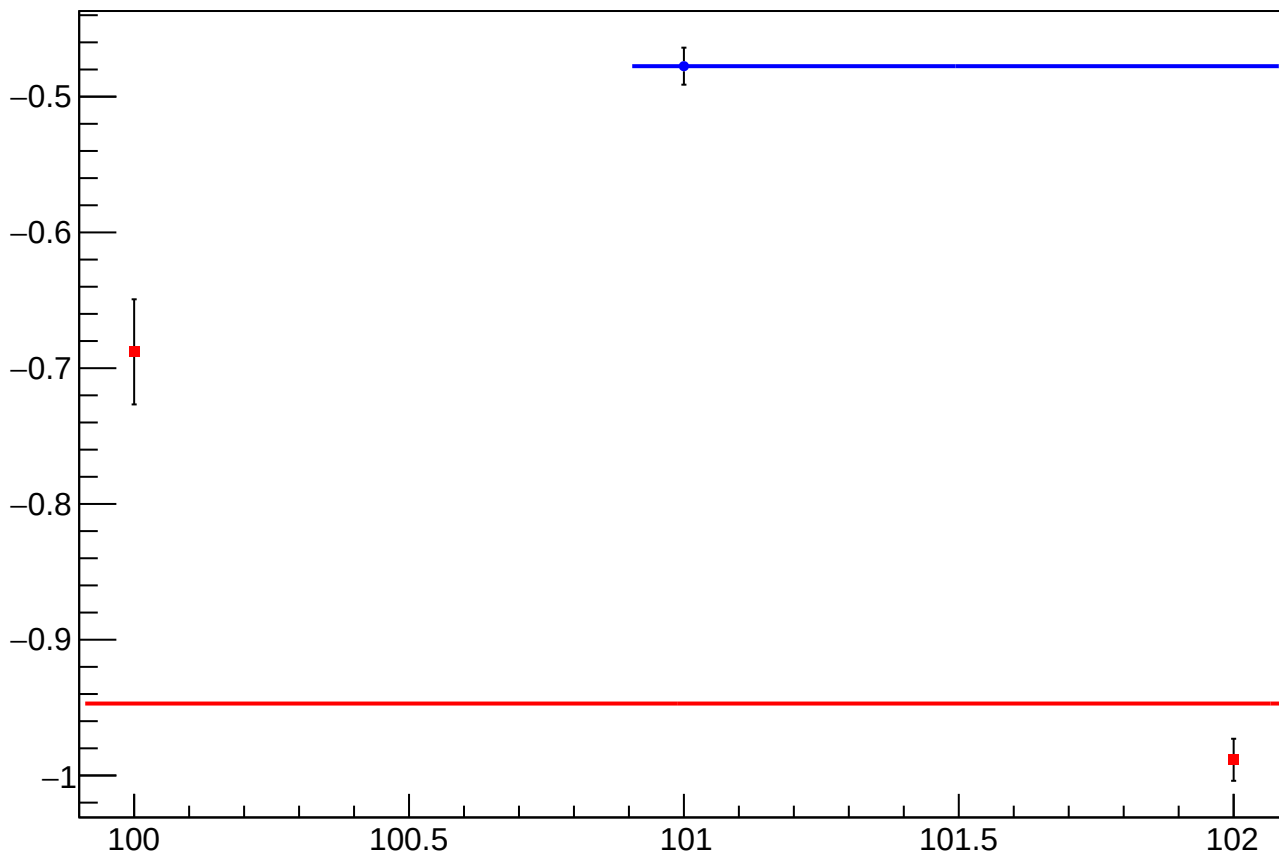
Right: 3.490+/-0.258 χ^2/NDF : 189.0/2

In: 4.770+/-0.305 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.490+/-0.258 χ^2/NDF : 189.0/2

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.478 $\pm$ 0.014 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.947 $\pm$ 0.014 χ^2/NDF : 51.9/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

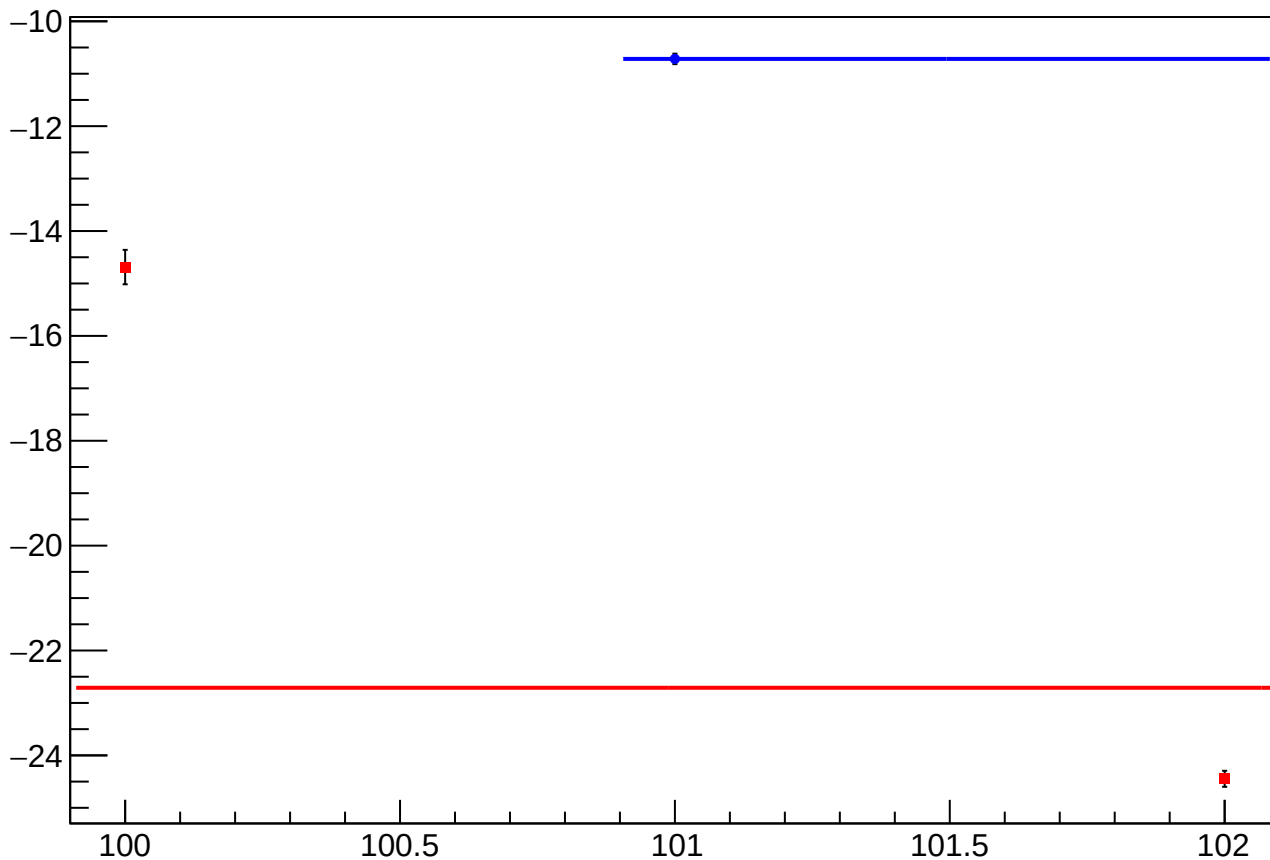
Right: -0.700 $\pm$ 0.010 χ^2/NDF : 613.6/2

In: -0.478 $\pm$ 0.014 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.700 $\pm$ 0.010 χ^2/NDF : 613.6/2

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -10.717 ± 0.100 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -22.711 ± 0.138 $\chi^2/\text{NDF}: 727.3/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

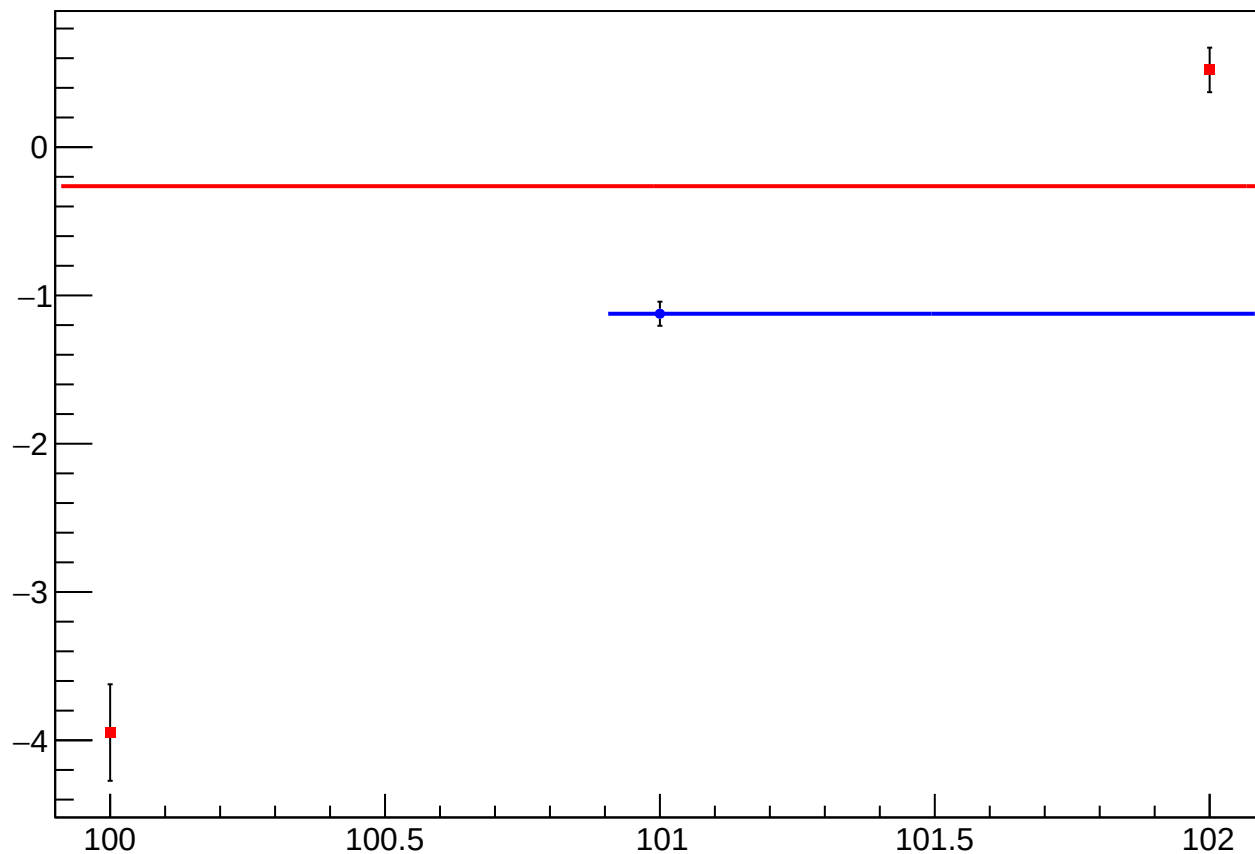
Right: -14.824 ± 0.081 $\chi^2/\text{NDF}: 5666.7/2$

In: -10.717 ± 0.100 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -14.824 ± 0.081 $\chi^2/\text{NDF}: 5666.7/2$

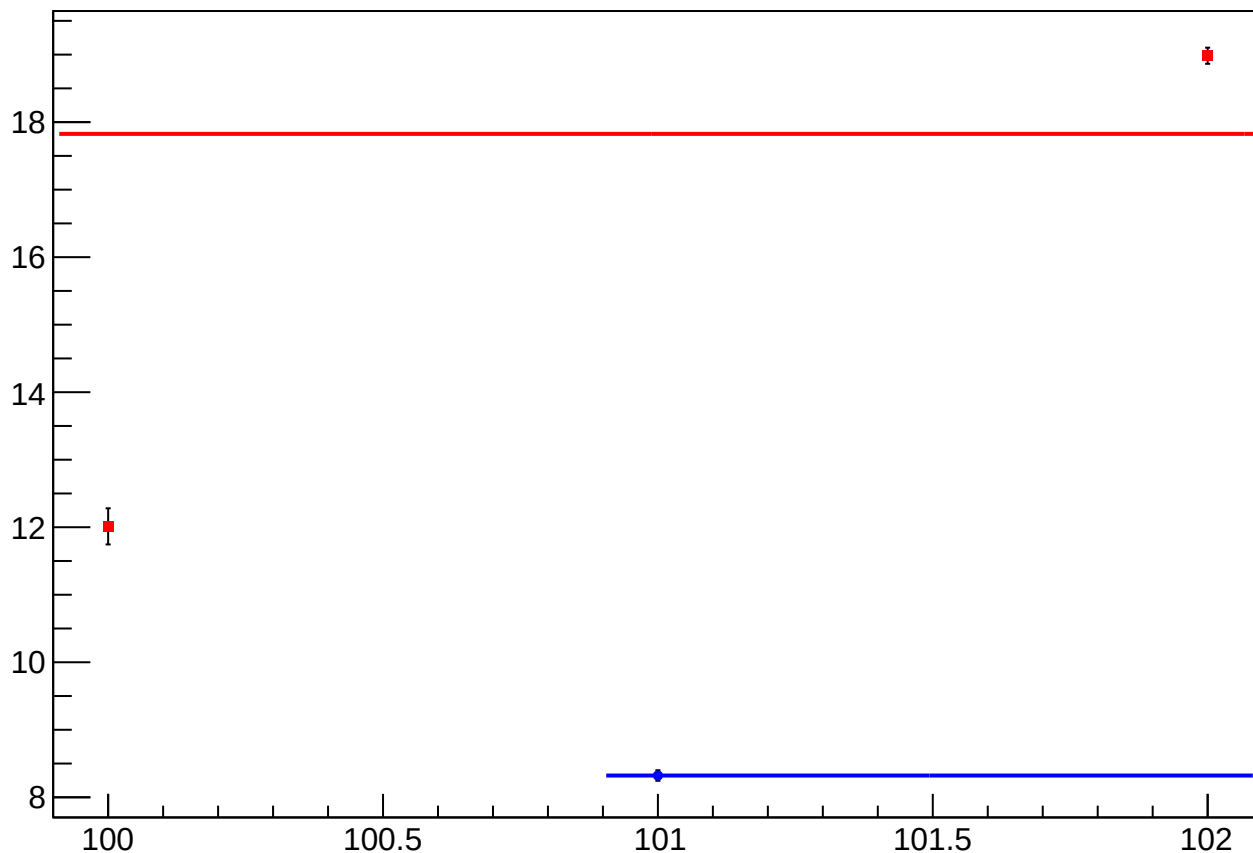
reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.123 $\pm$ 0.081 χ^2 /NDF: 0.0/0
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.263 $\pm$ 0.136 χ^2 /NDF: 155.5/1
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.898 $\pm$ 0.070 χ^2 /NDF: 184.9/2
 In: -1.123 $\pm$ 0.081 χ^2 /NDF:0.0/0
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.898 $\pm$ 0.070 χ^2 /NDF: 184.9/2

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 8.322+/-0.078 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.826+/-0.109 χ^2/NDF : 565.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

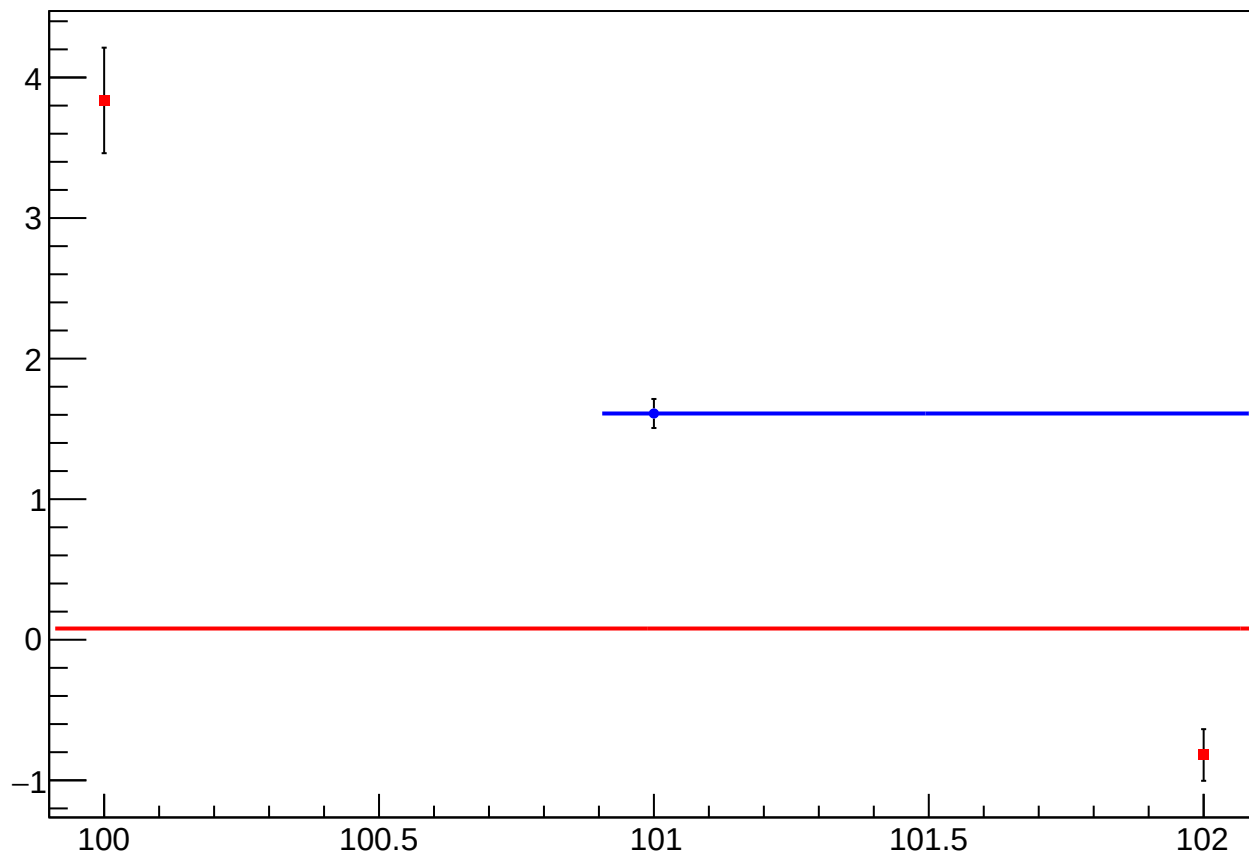
Right: 11.541+/-0.064 χ^2/NDF : 5580.9/2

In: 8.322+/-0.078 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.541+/-0.064 χ^2/NDF : 5580.9/2

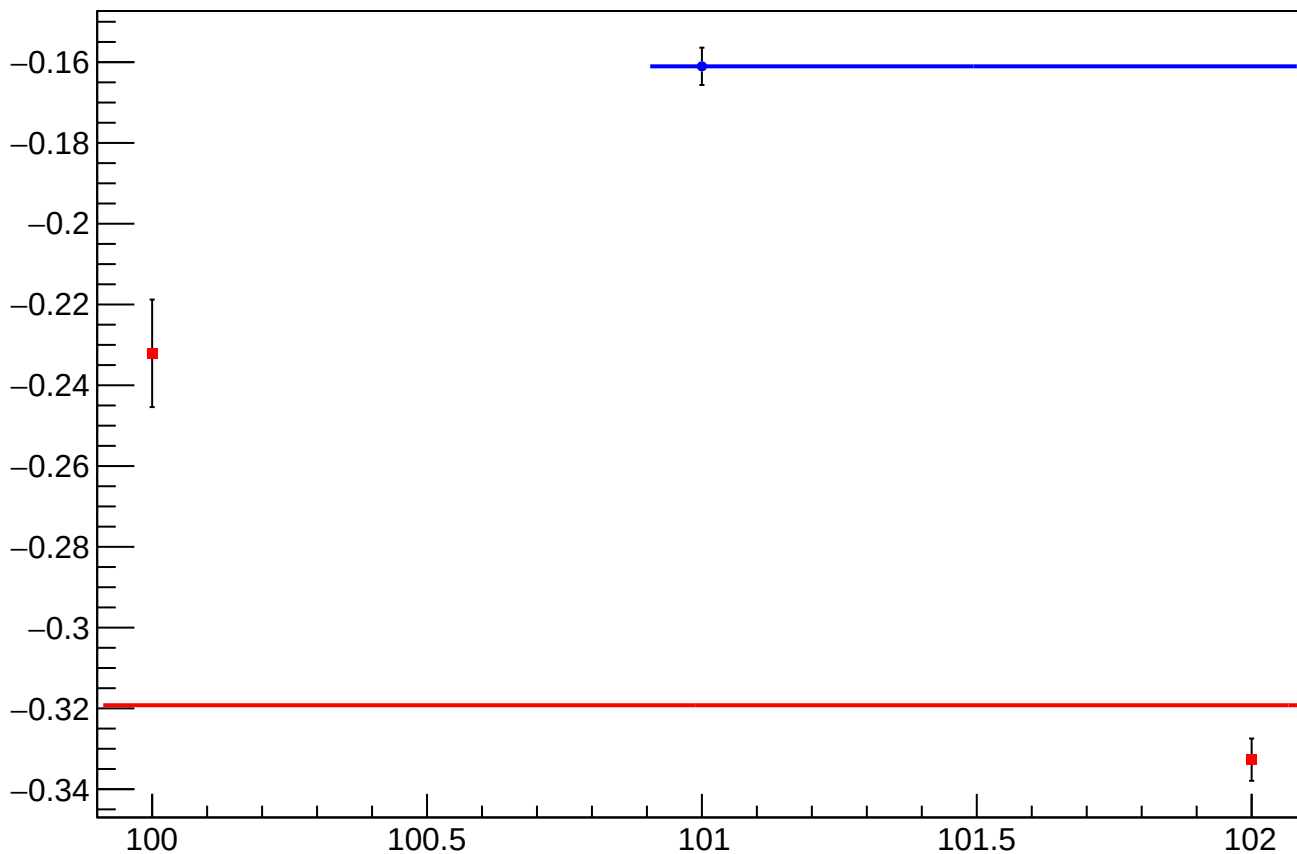
reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.610 $\pm$ 0.103 χ^2 /NDF: 0.0/0
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 0.080 $\pm$ 0.165 χ^2 /NDF: 124.2/1
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 1.179 $\pm$ 0.088 χ^2 /NDF: 185.9/2
 In: 1.610 $\pm$ 0.103 χ^2 /NDF: 0.0/0
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 1.179 $\pm$ 0.088 χ^2 /NDF: 185.9/2

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.161 ± 0.005 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.319 ± 0.005 $\chi^2/\text{NDF}: 49.5/1$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

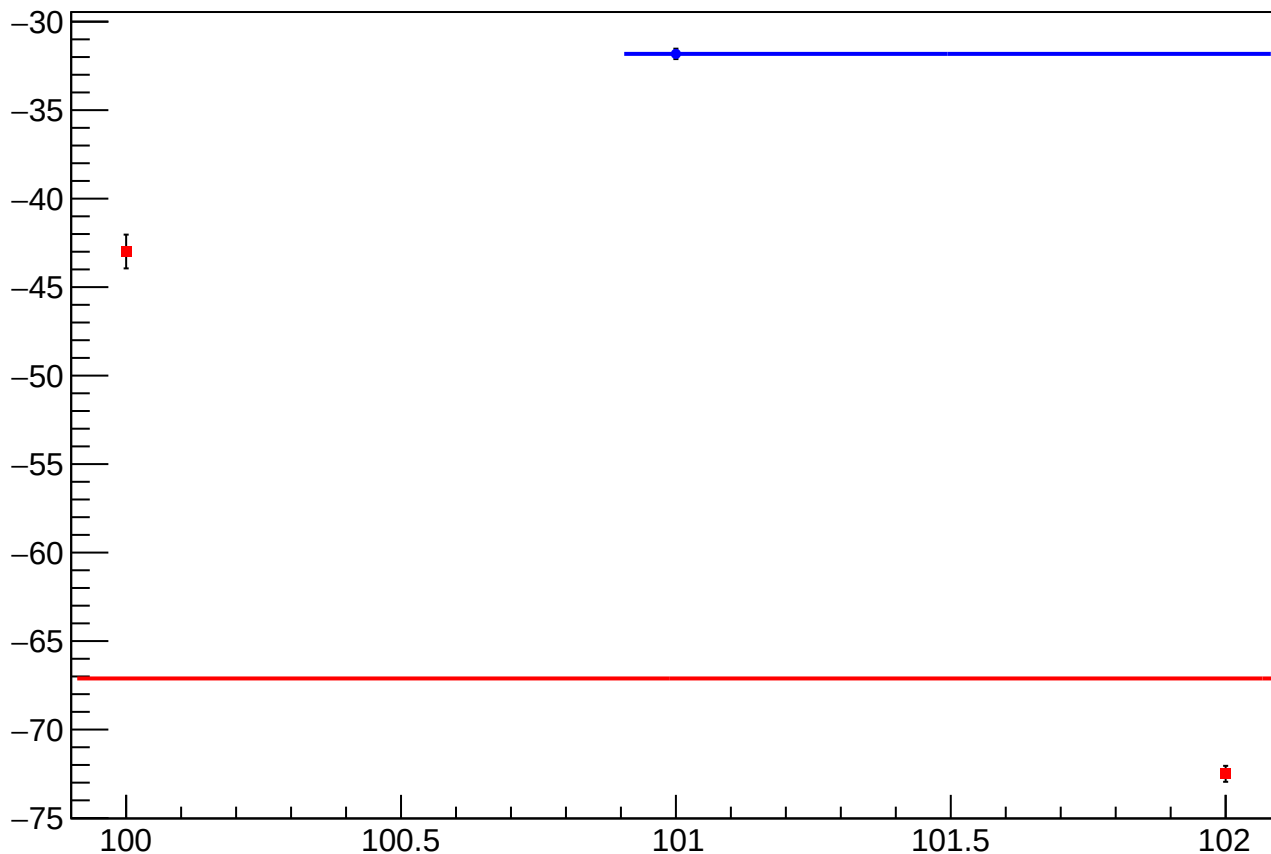
Right: -0.236 ± 0.003 $\chi^2/\text{NDF}: 604.5/2$

In: -0.161 ± 0.005 $\chi^2/\text{NDF}: 0.0/0$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.236 ± 0.003 $\chi^2/\text{NDF}: 604.5/2$

reg_asym_bcm_an_us_an_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -31.821+/-0.294 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -67.113+/-0.408 χ^2/NDF : 782.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

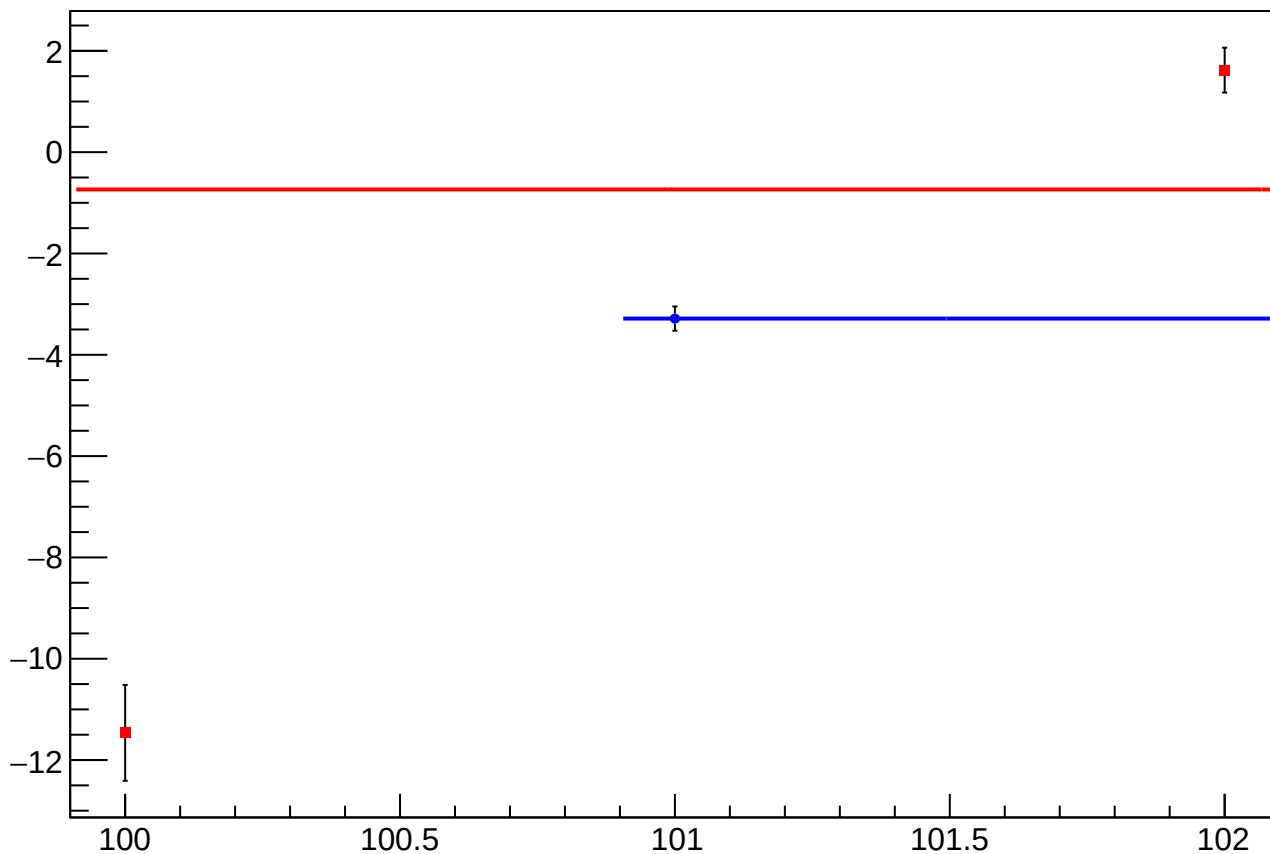
Right: -43.912+/-0.239 χ^2/NDF : 5709.5/2

In: -31.821+/-0.294 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -43.912+/-0.239 χ^2/NDF : 5709.5/2

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.285 $\pm$ 0.240 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.736 $\pm$ 0.401 χ^2 /NDF: 156.8/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

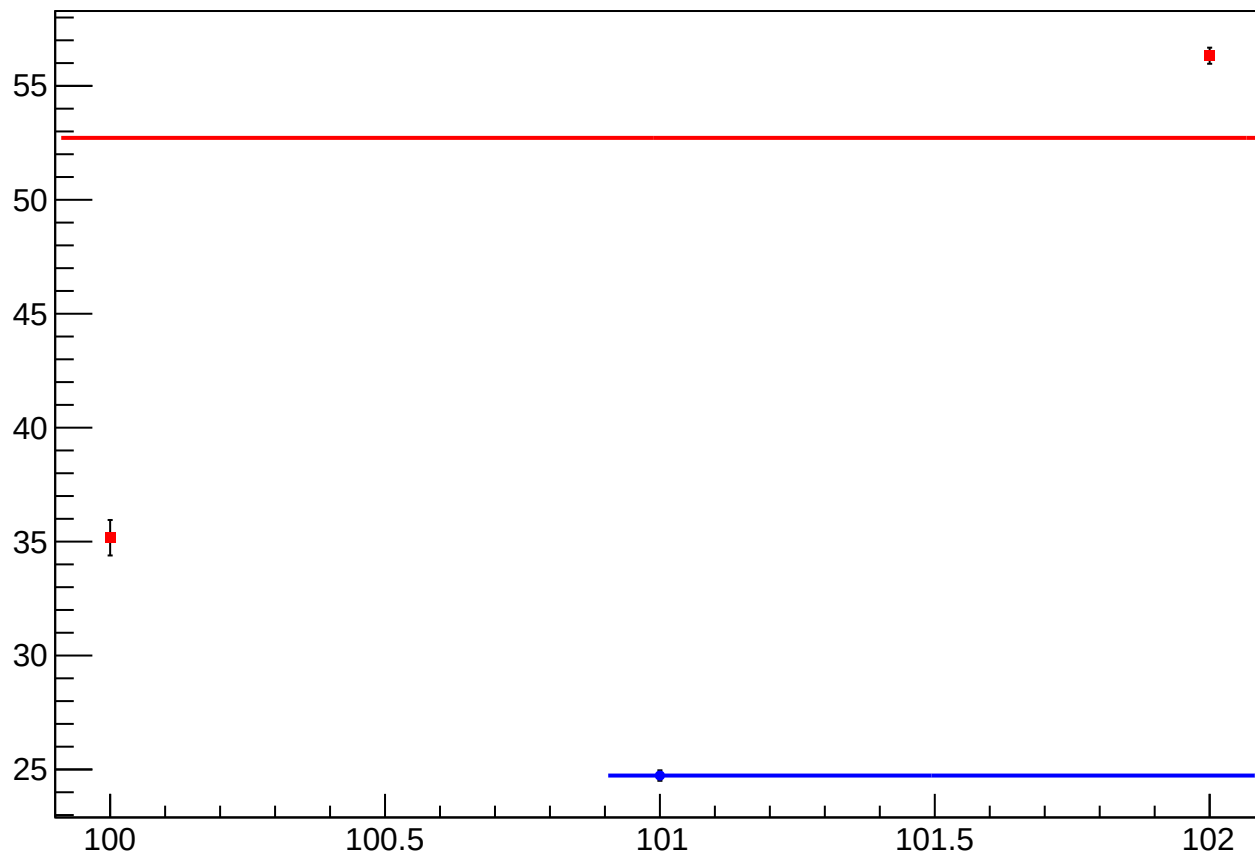
Right: -2.615 $\pm$ 0.206 χ^2 /NDF: 186.6/2

In: -3.285 $\pm$ 0.240 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2.615 $\pm$ 0.206 χ^2 /NDF: 186.6/2

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 24.733+/-0.230 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.718+/-0.322 χ^2/NDF : 612.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

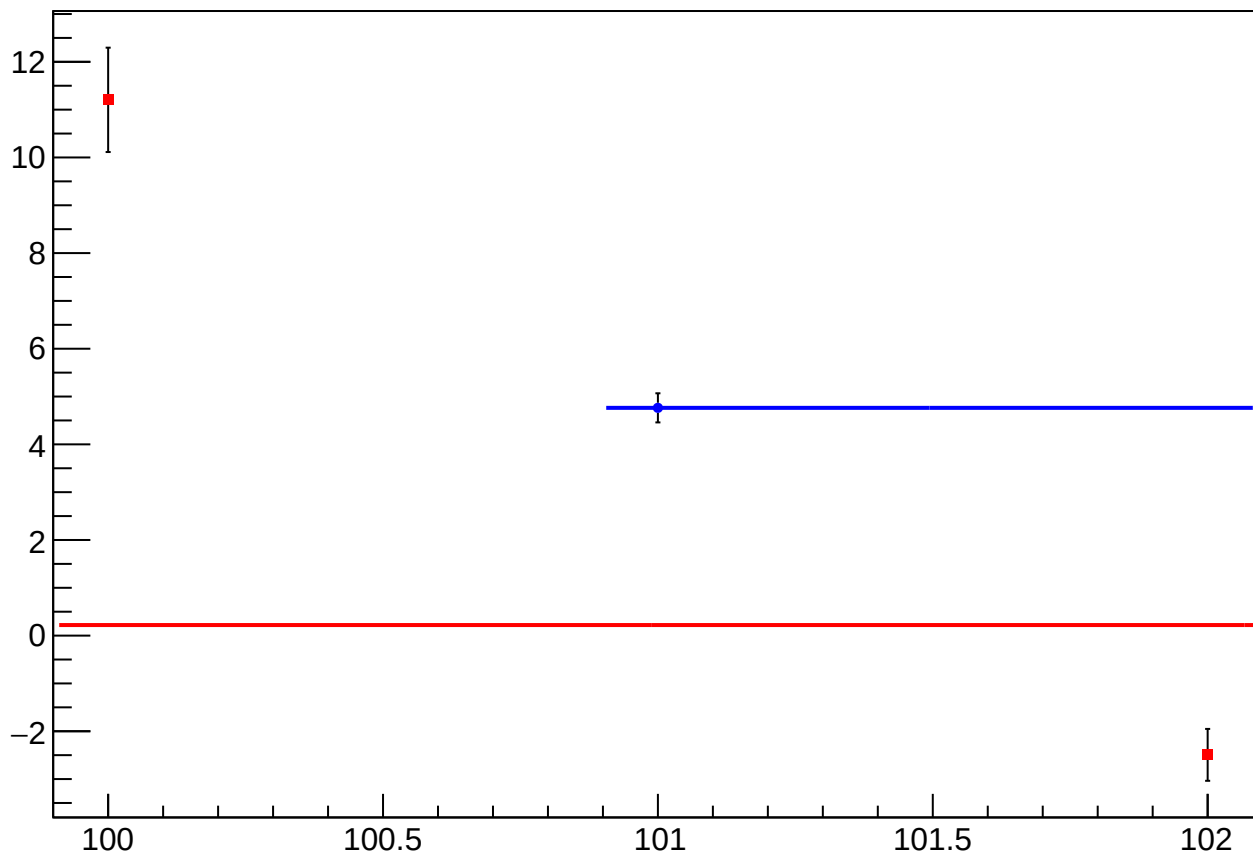
Right: 34.214+/-0.187 χ^2/NDF : 5621.2/2

In: 24.733+/-0.230 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.214+/-0.187 χ^2/NDF : 5621.2/2

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.763+/-0.304 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.221+/-0.486 χ^2/NDF : 126.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

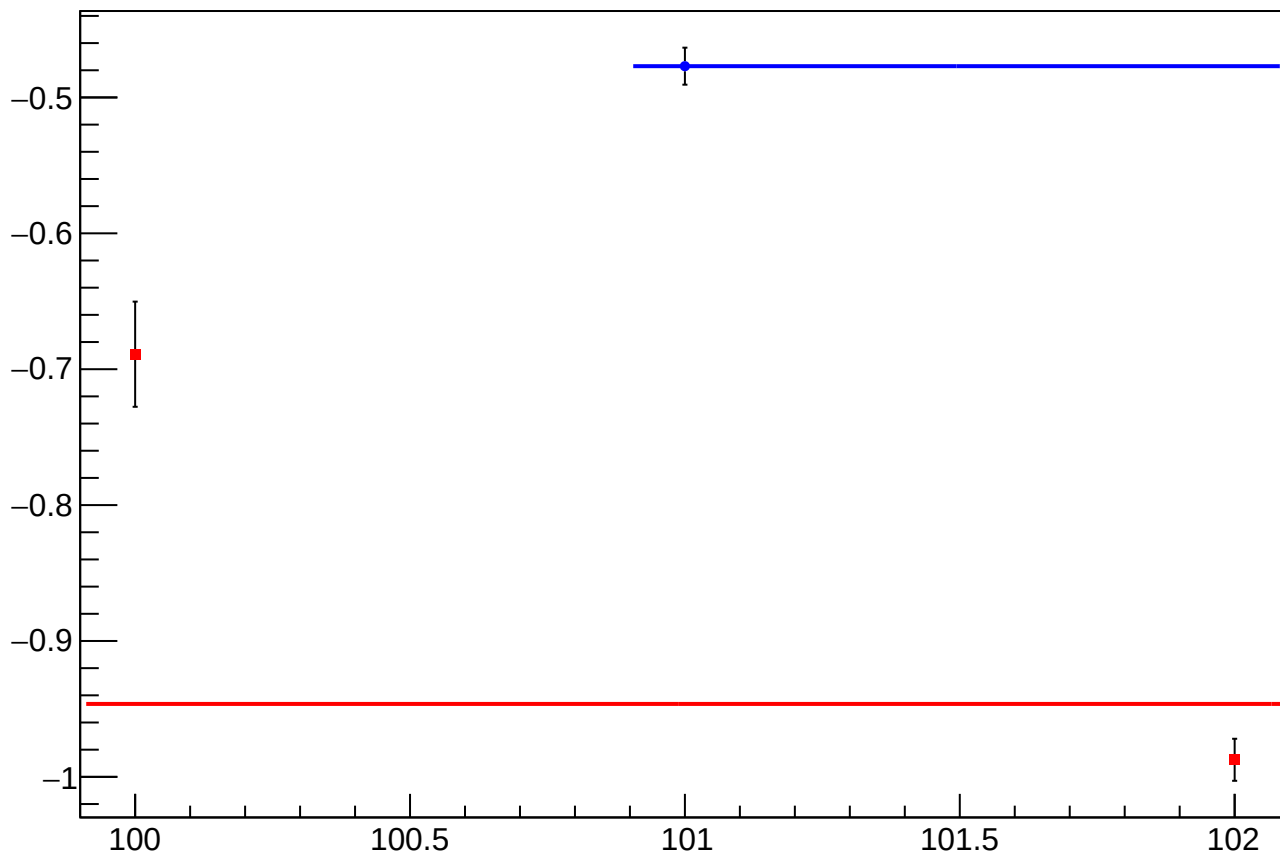
Right: 3.482+/-0.258 χ^2/NDF : 189.1/2

In: 4.763+/-0.304 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.482+/-0.258 χ^2/NDF : 189.1/2

reg_asym_bcm_an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.477 $\pm$ 0.014 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.946 $\pm$ 0.014 χ^2 /NDF: 51.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

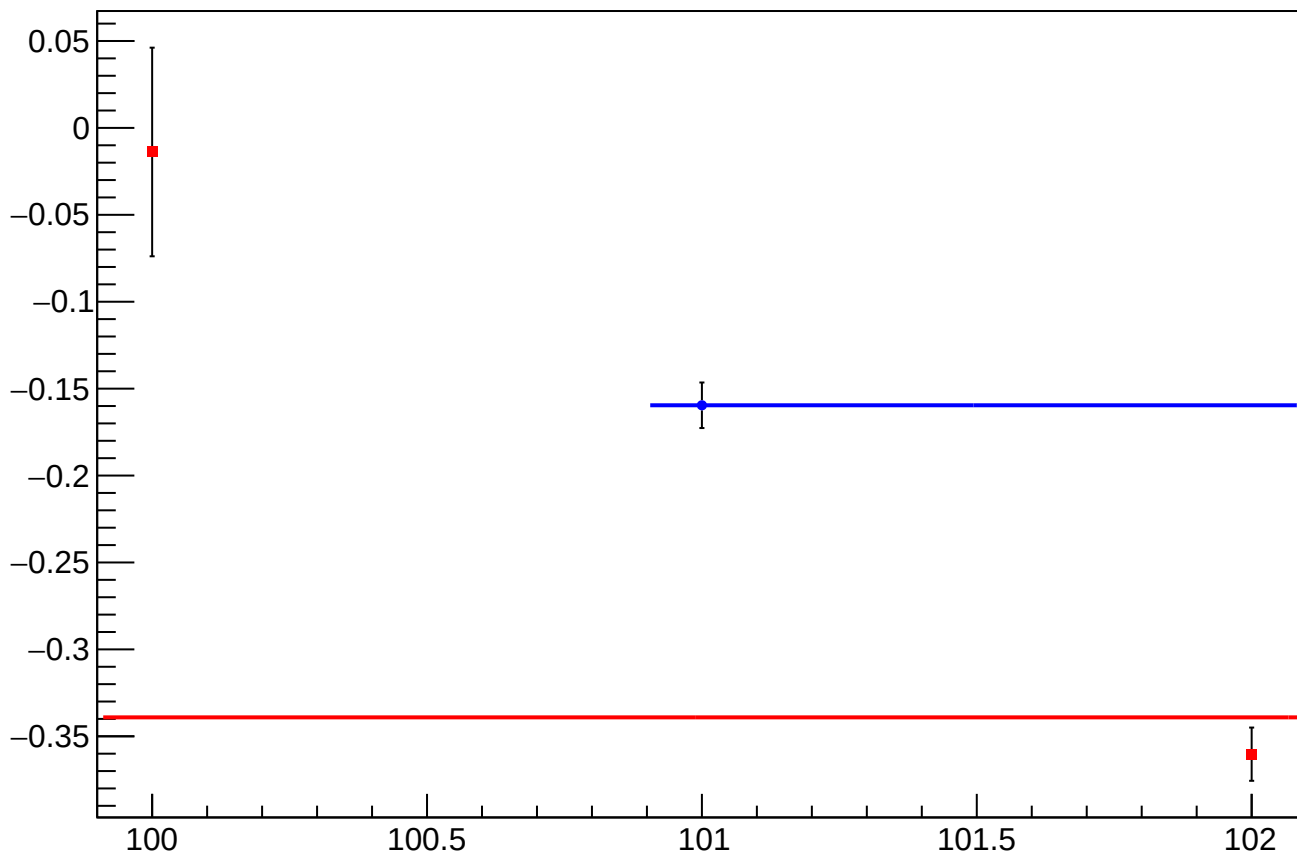
Right: -0.699 $\pm$ 0.010 χ^2 /NDF: 613.7/2

In: -0.477 $\pm$ 0.014 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.699 $\pm$ 0.010 χ^2 /NDF: 613.7/2

reg_asym_bcm_an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.160+/-0.013 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.339+/-0.015 χ^2/NDF : 31.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

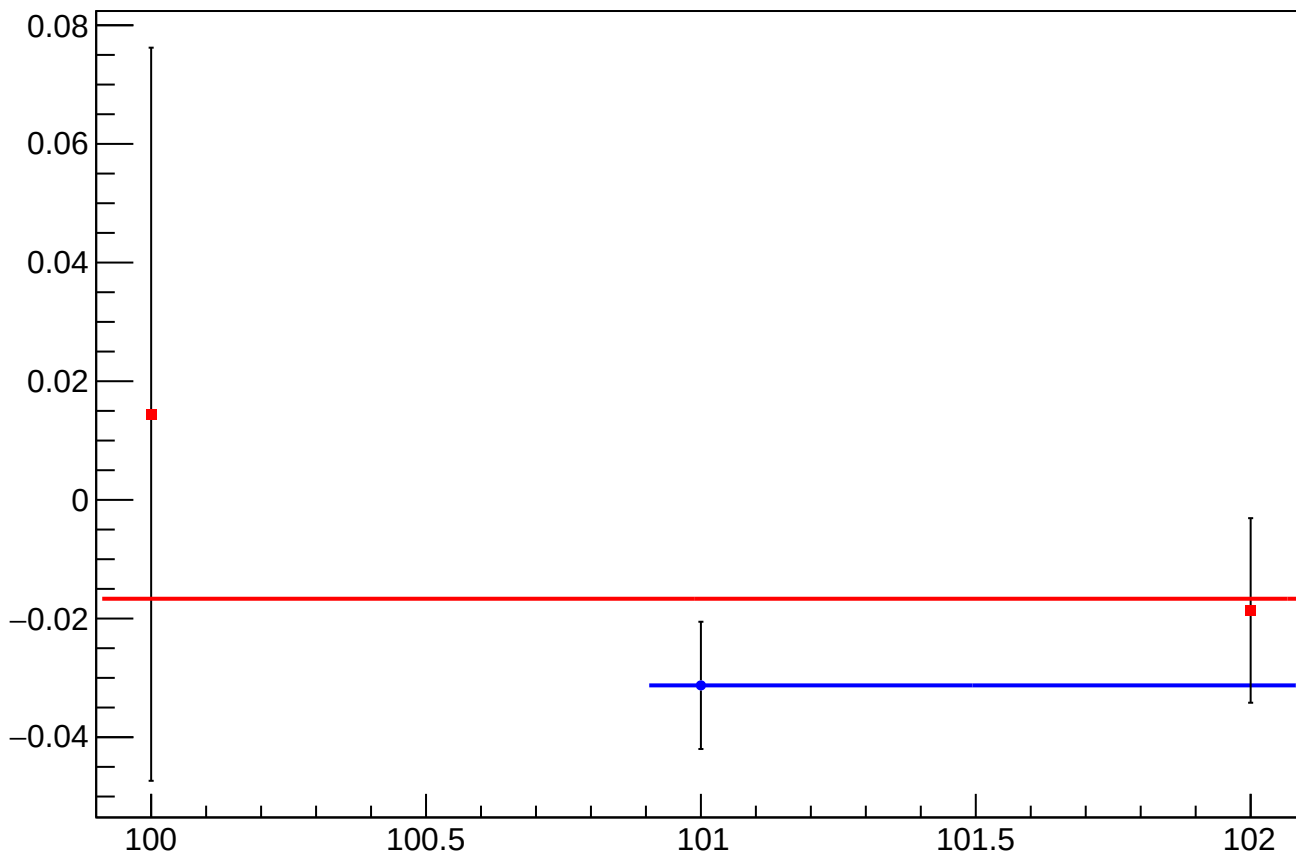
Right: -0.238+/-0.010 χ^2/NDF : 113.6/2

In: -0.160+/-0.013 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.238+/-0.010 χ^2/NDF : 113.6/2

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.031+/-0.011 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.017+/-0.015 χ^2/NDF : 0.3/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

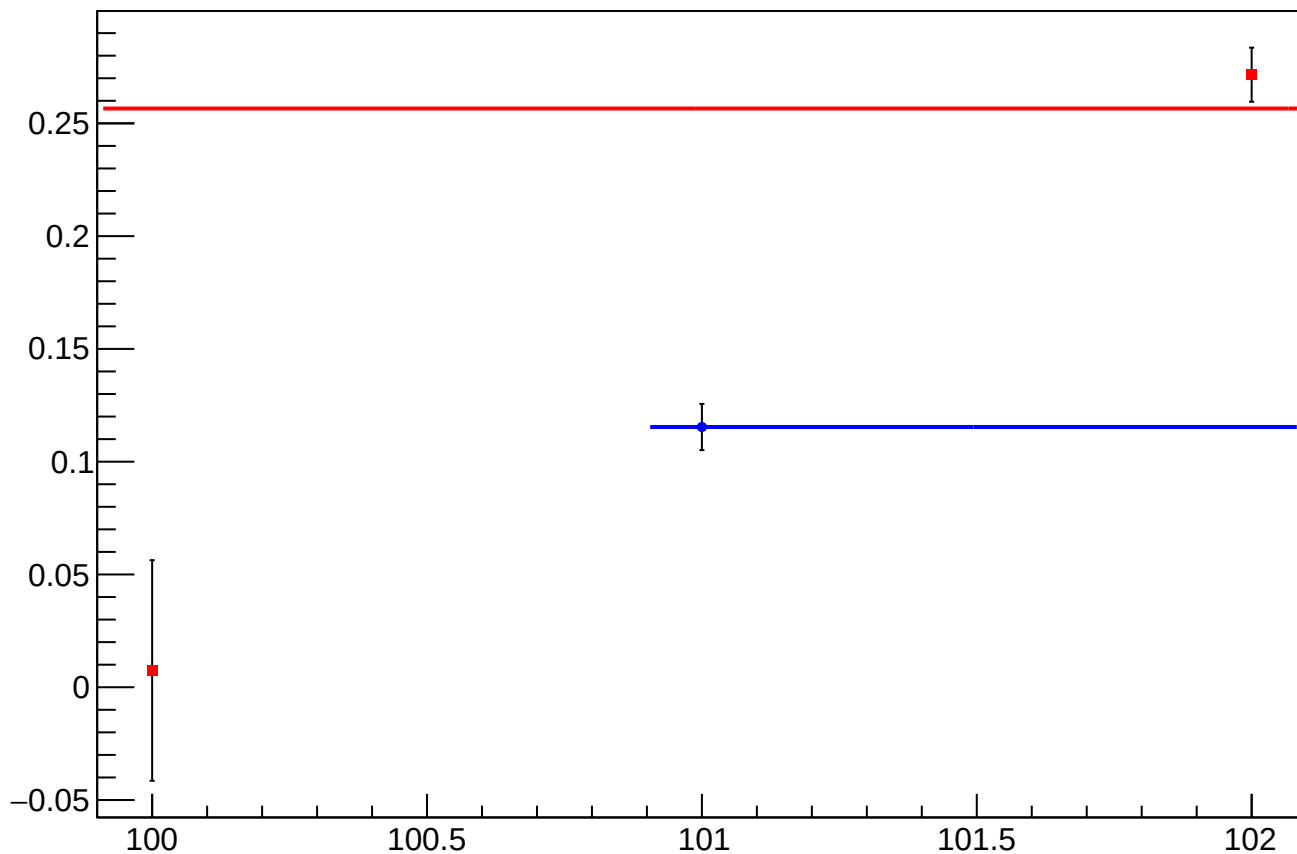
Right: -0.026+/-0.009 χ^2/NDF : 0.9/2

In: -0.031+/-0.011 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.026+/-0.009 χ^2/NDF : 0.9/2

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.115 $\pm$ 0.010 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.257 $\pm$ 0.012 χ^2/NDF : 27.5/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

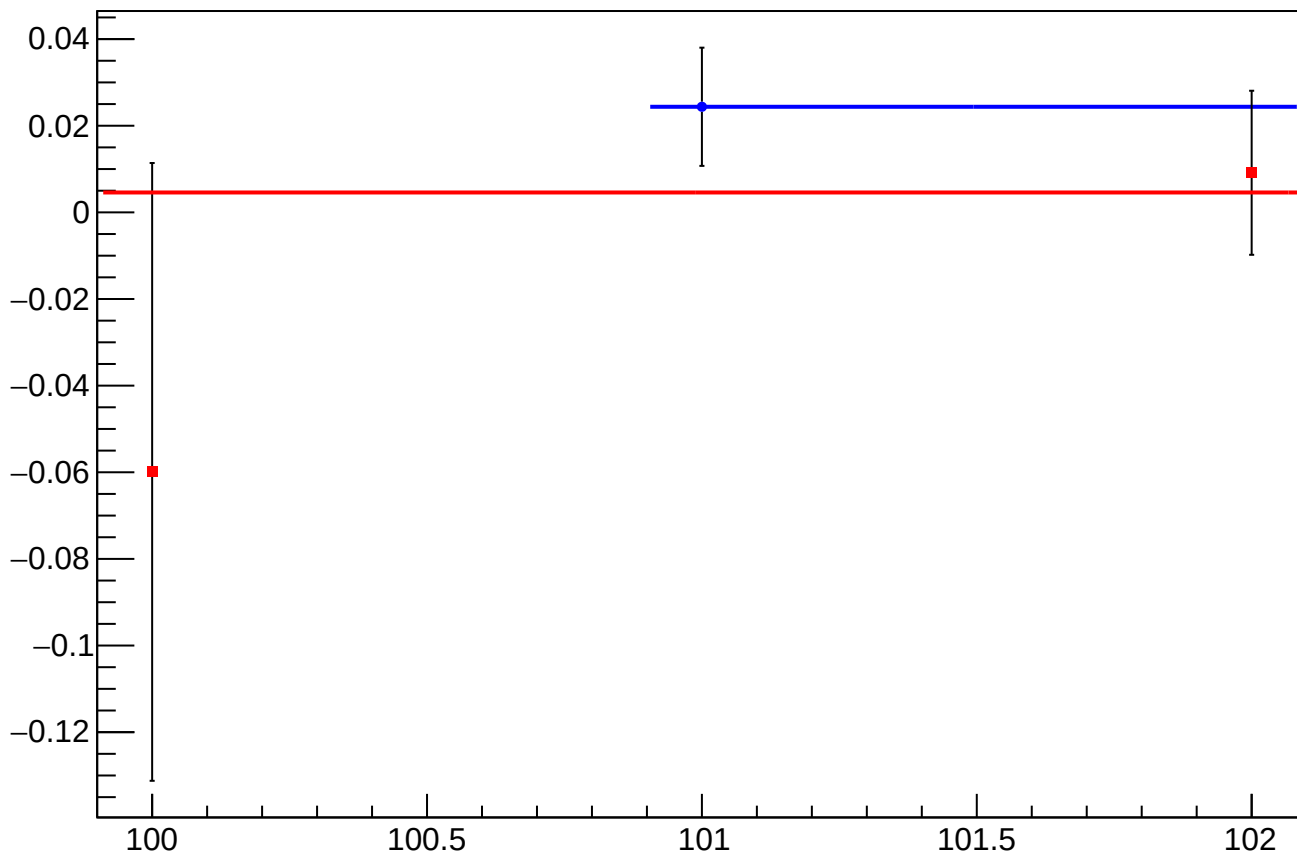
Right: 0.177 $\pm$ 0.008 χ^2/NDF : 110.3/2

In: 0.115 $\pm$ 0.010 χ^2/NDF : 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.177 $\pm$ 0.008 χ^2/NDF : 110.3/2

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.024 $\pm$ 0.014 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.018 χ^2 /NDF: 0.9/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

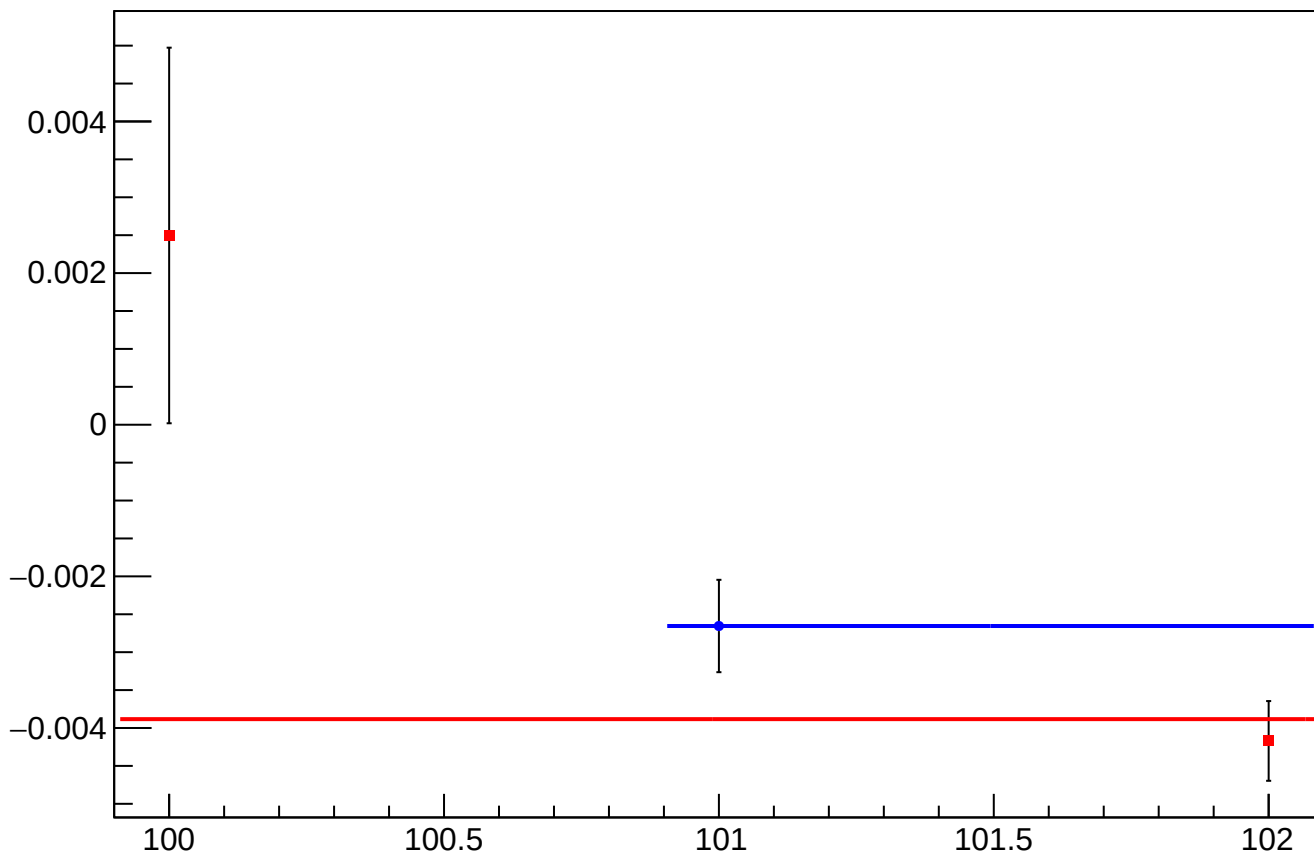
Right: 0.017 $\pm$ 0.011 χ^2 /NDF: 1.6/2

In: 0.024 $\pm$ 0.014 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.017 $\pm$ 0.011 χ^2 /NDF: 1.6/2

reg_asym_bcm_an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.003 ± 0.001 χ^2/NDF : 0.0/0

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.004 ± 0.001 χ^2/NDF : 6.9/1

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

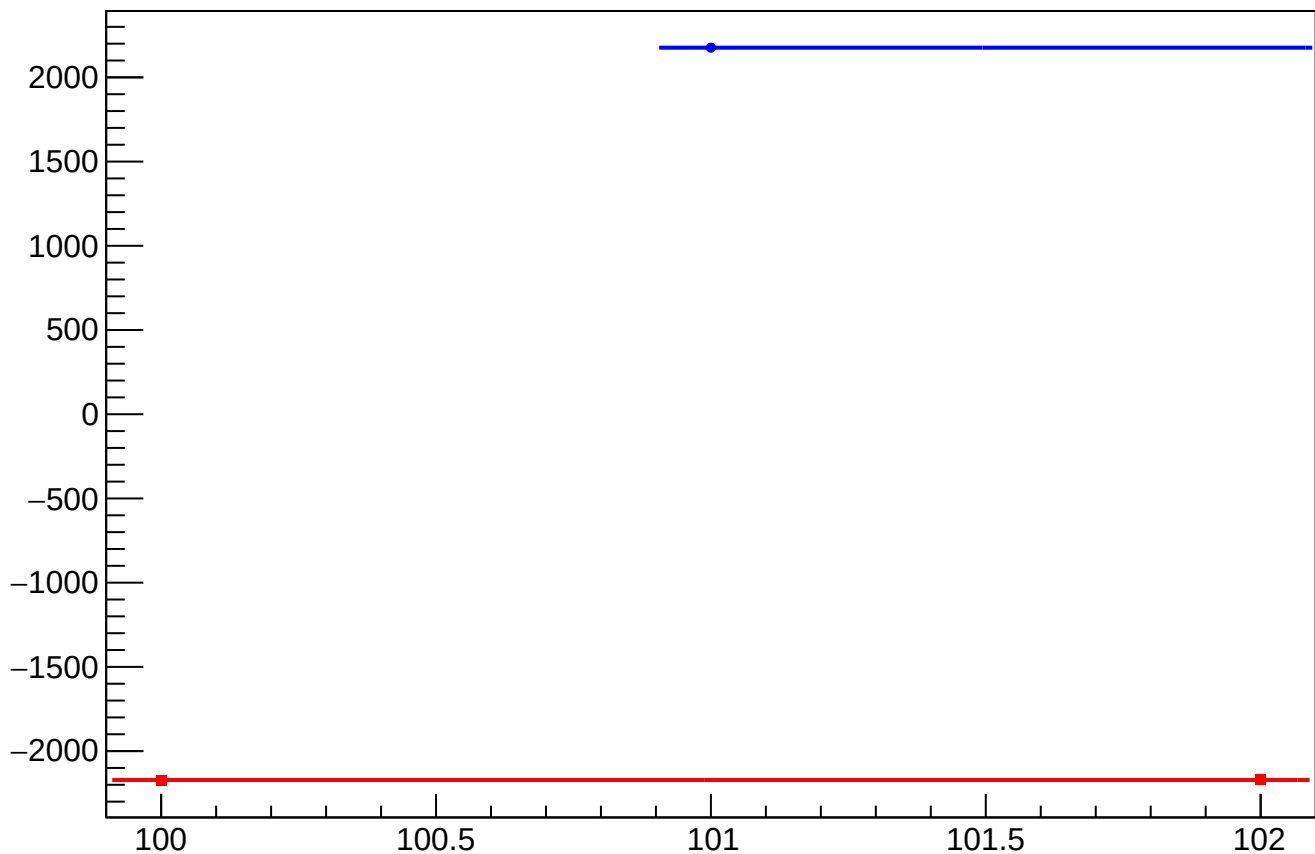
Right: -0.003 ± 0.000 χ^2/NDF : 9.3/2

In: -0.003 ± 0.001 χ^2/NDF : 0.0/0

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.003 ± 0.000 χ^2/NDF : 9.3/2

HALLA_p_mean vs Slug, Sign Corrected



Right In: 2176.285+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -2171.520+/-0.000 χ^2 /NDF: 177735435855626436558039061364736.0/1

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

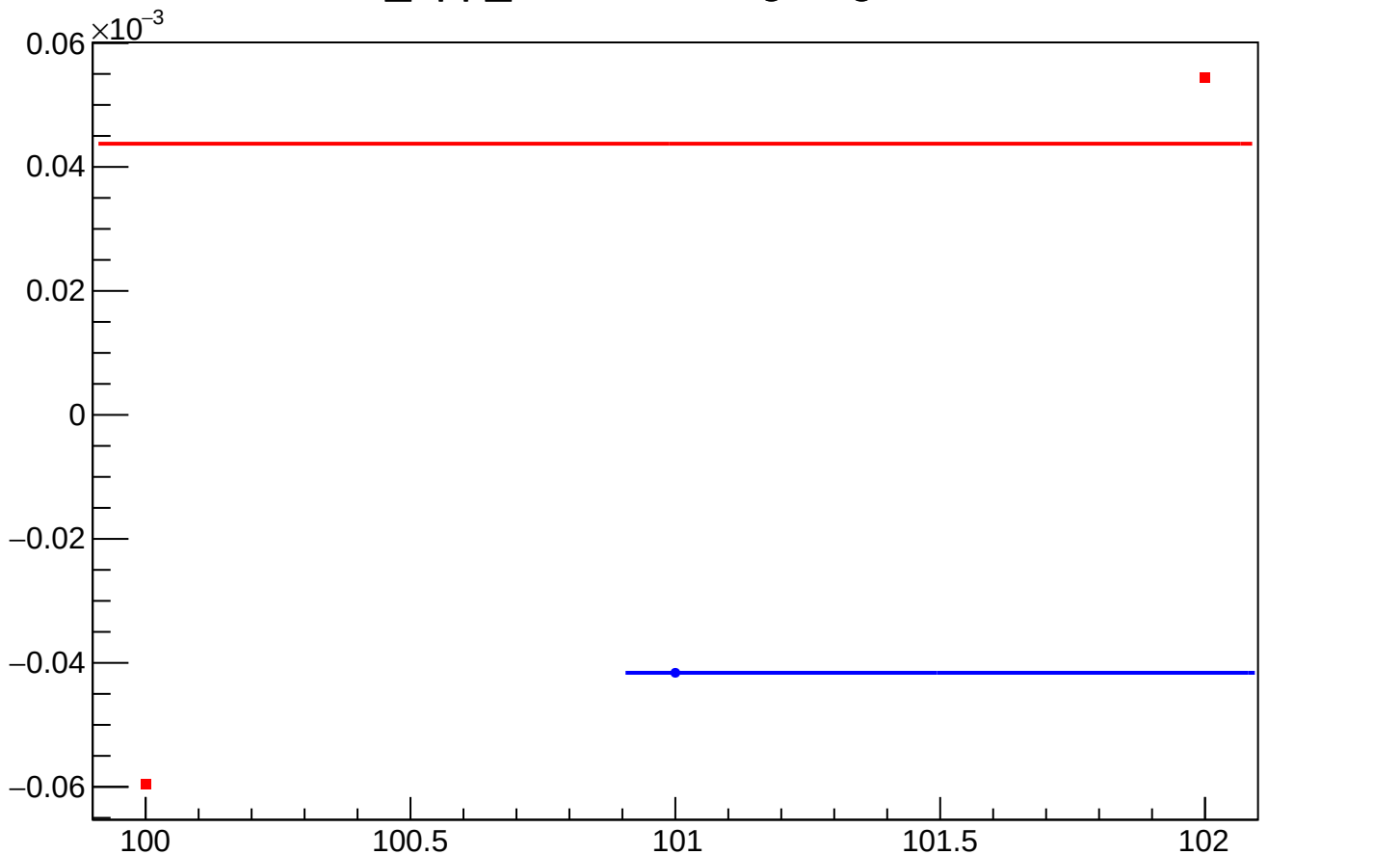
Right: -152.896+/-0.000 χ^2 /NDF: 65824391464390

In: 2176.285+/-0.000 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -152.896+/-0.000 χ^2 /NDF: 65824391464

HALLA_dpp_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: 82468645483877052186624.0/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

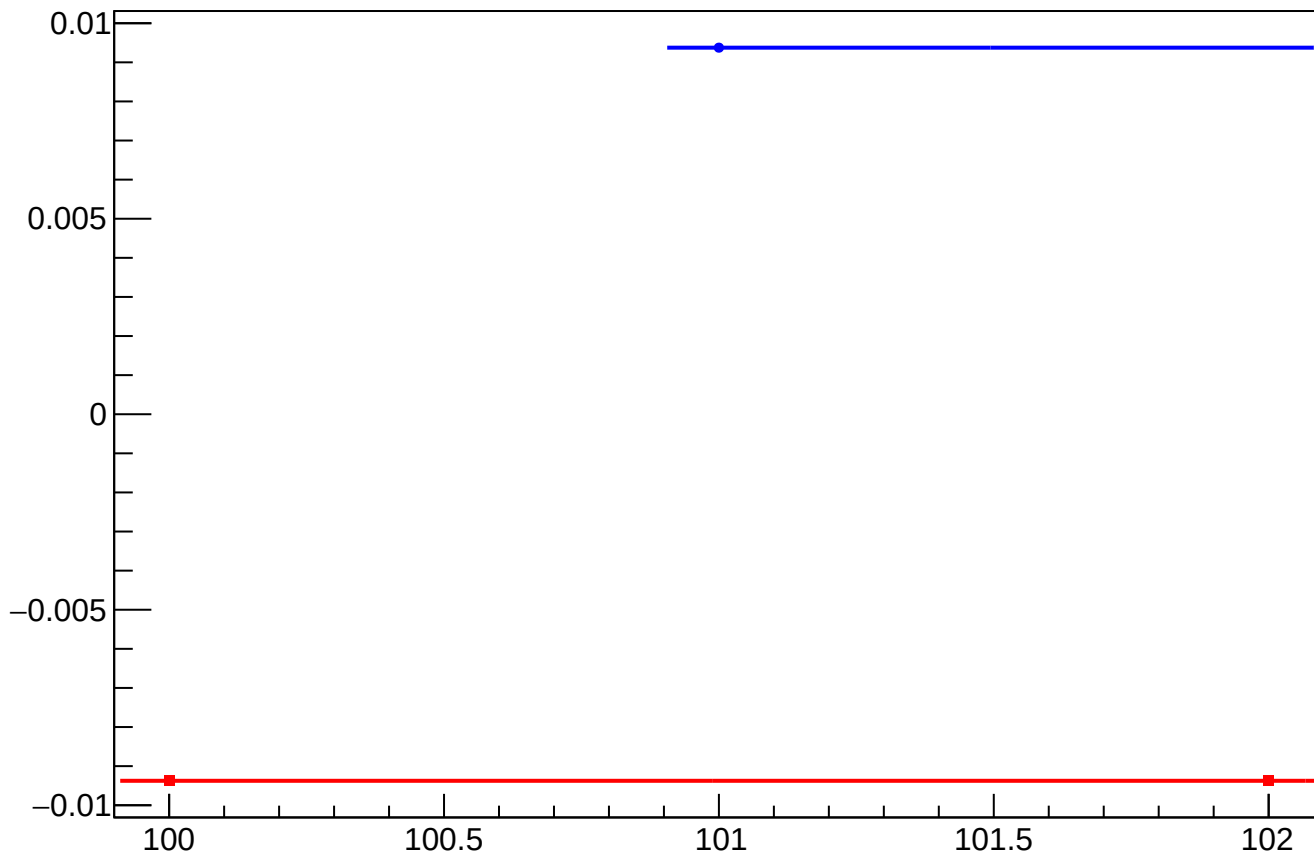
Right: 0.000+/-0.000 χ^2 /NDF: 33608483886560870

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: 33608483886560

MQ171LM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

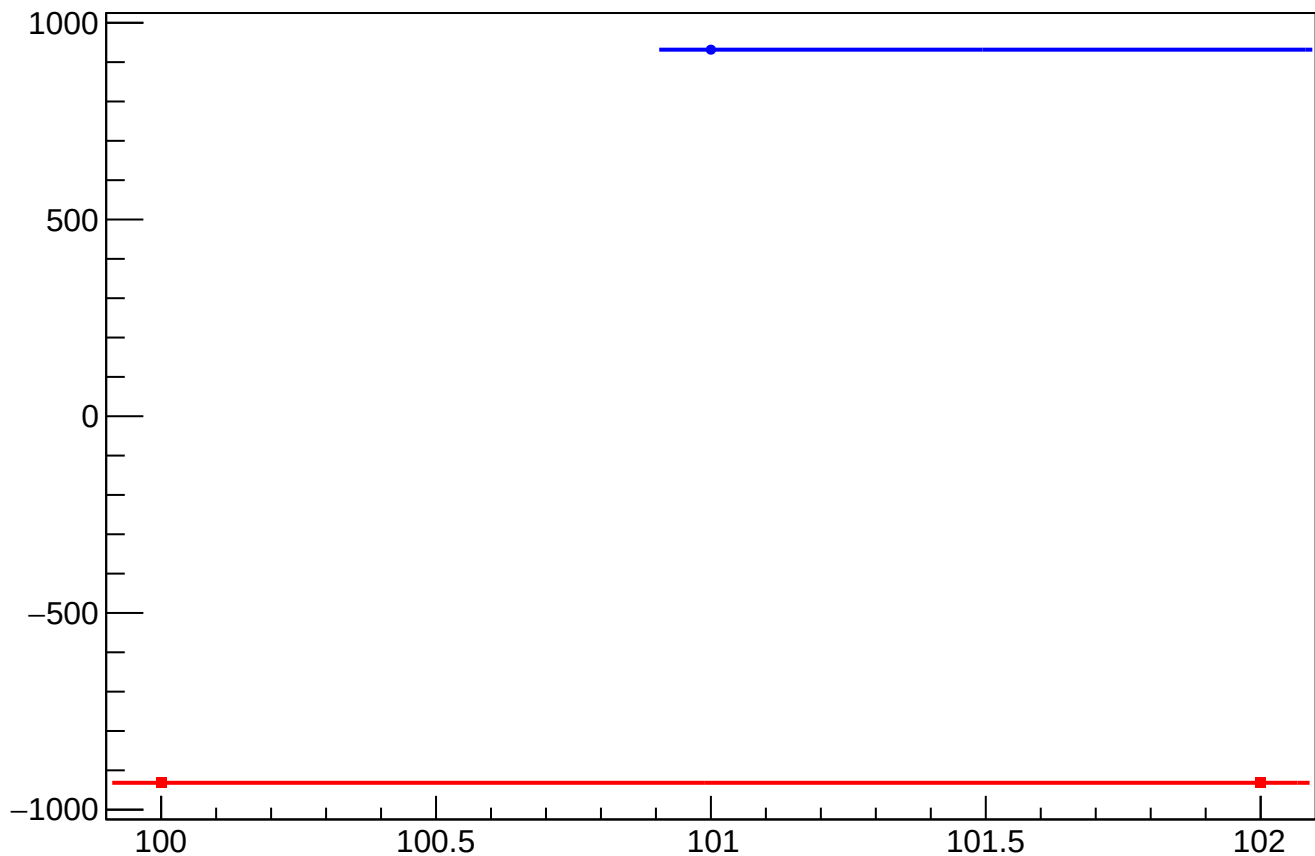
Right: -0.001+/-0.000 χ^2/NDF : 1224190848214285

In: 0.009+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 1224190848214

HacL_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 931.692+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -931.685+/-0.000 χ^2/NDF : 300708129944293074276450304.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

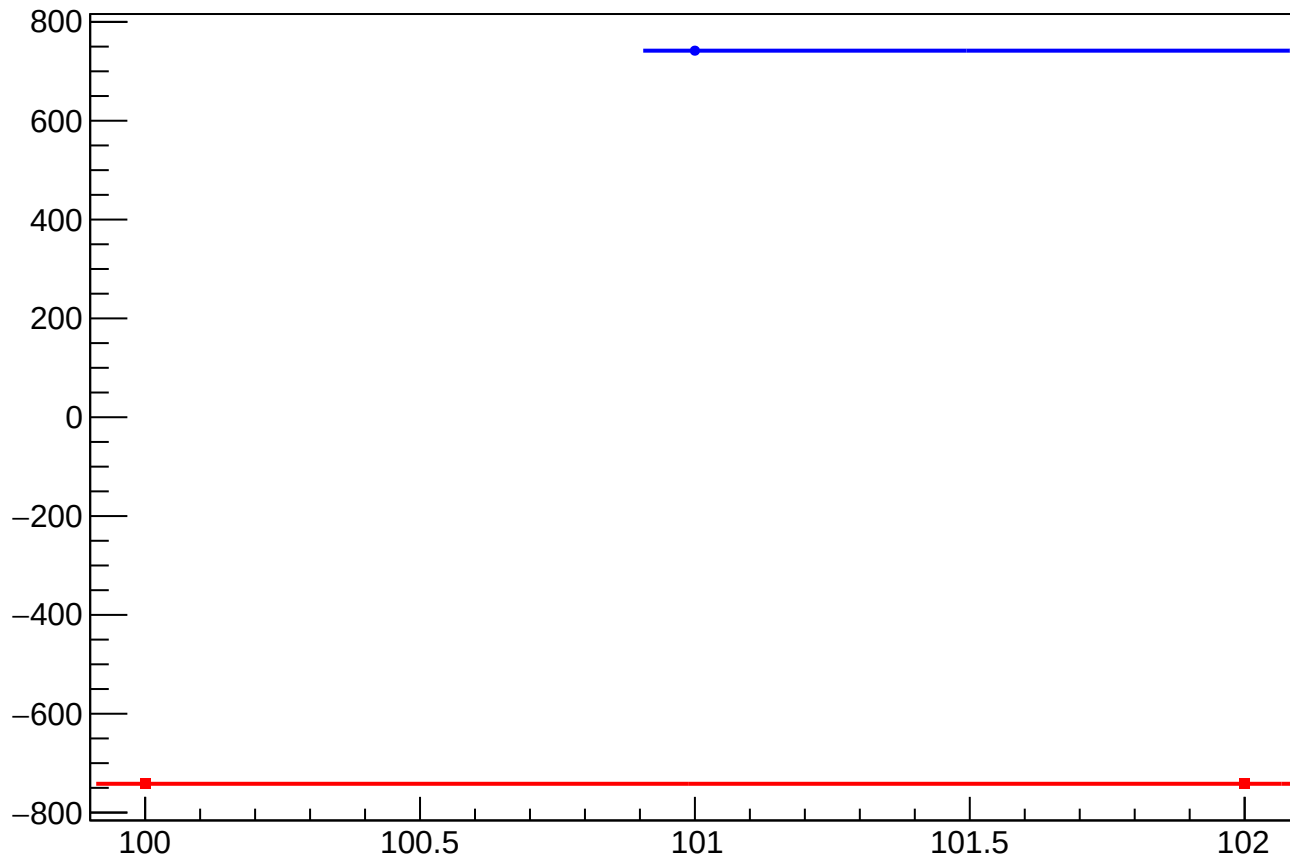
Right: -66.546+/-0.000 χ^2/NDF : 120905979312665

In: 931.692+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -66.546+/-0.000 χ^2/NDF : 120905979312

HacL_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 741.774+/-0.000 χ^2/NDF : 3360421.2/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -741.773+/-0.000 χ^2/NDF : 1376505359322912248762990592.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

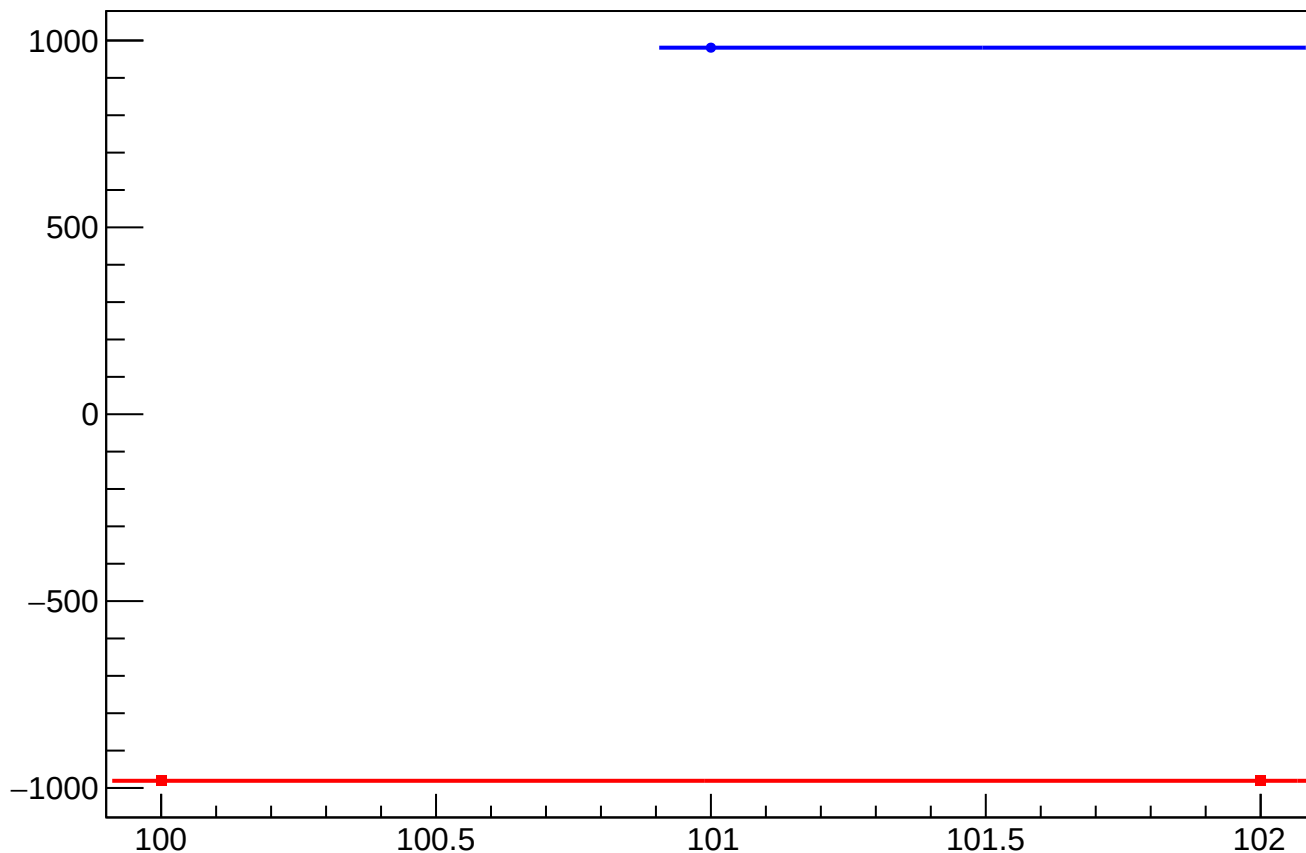
Right: -52.983+/-0.000 χ^2/NDF : 766388867723635

In: 741.774+/-0.000 χ^2/NDF : 3360421.2/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -52.983+/-0.000 χ^2/NDF : 766388867723

HacL_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 980.806+/-0.000 χ^2/NDF : 840105.3/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -980.809+/-0.000 χ^2/NDF : 4431746934174422585539821568.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

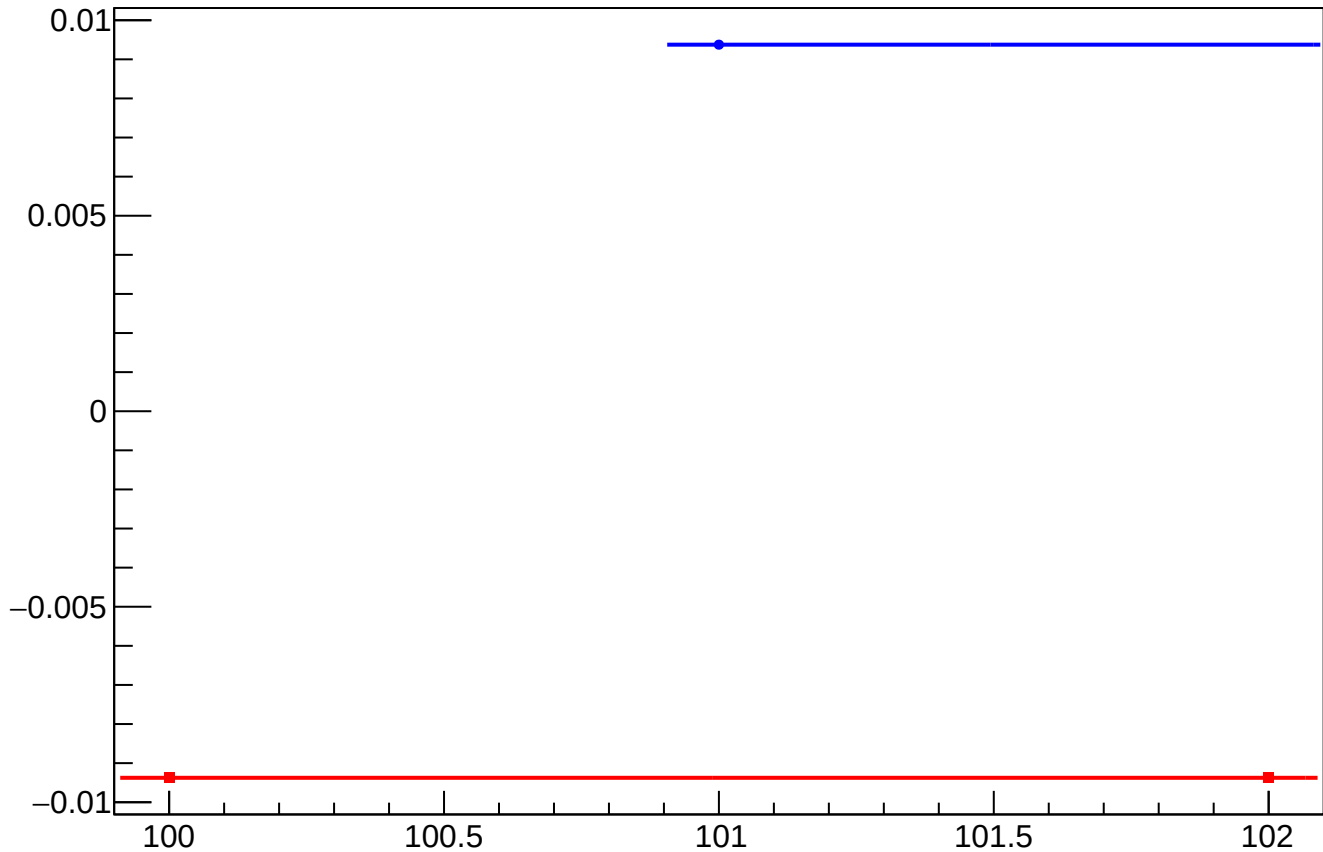
Right: -70.059+/-0.000 χ^2/NDF : 133990487129007

In: 980.806+/-0.000 χ^2/NDF : 840105.3/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -70.059+/-0.000 χ^2/NDF : 133990487129

MQ172RM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

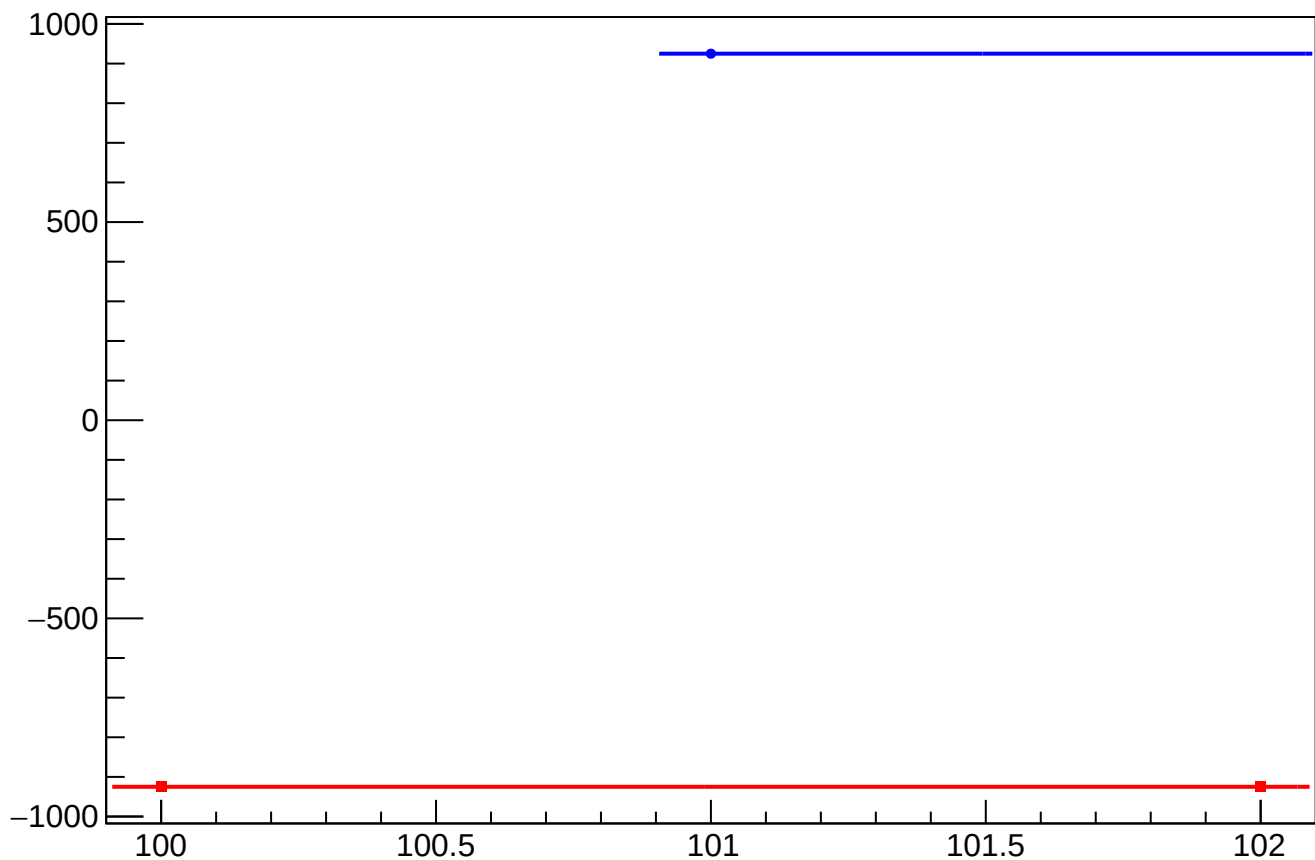
Right: -0.001+/-0.000 χ^2/NDF : 1224190848214285

In: 0.009+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 1224190848214

HacR_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 924.966+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -924.984+/-0.000 χ^2/NDF : 4106867417919696822199123968.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

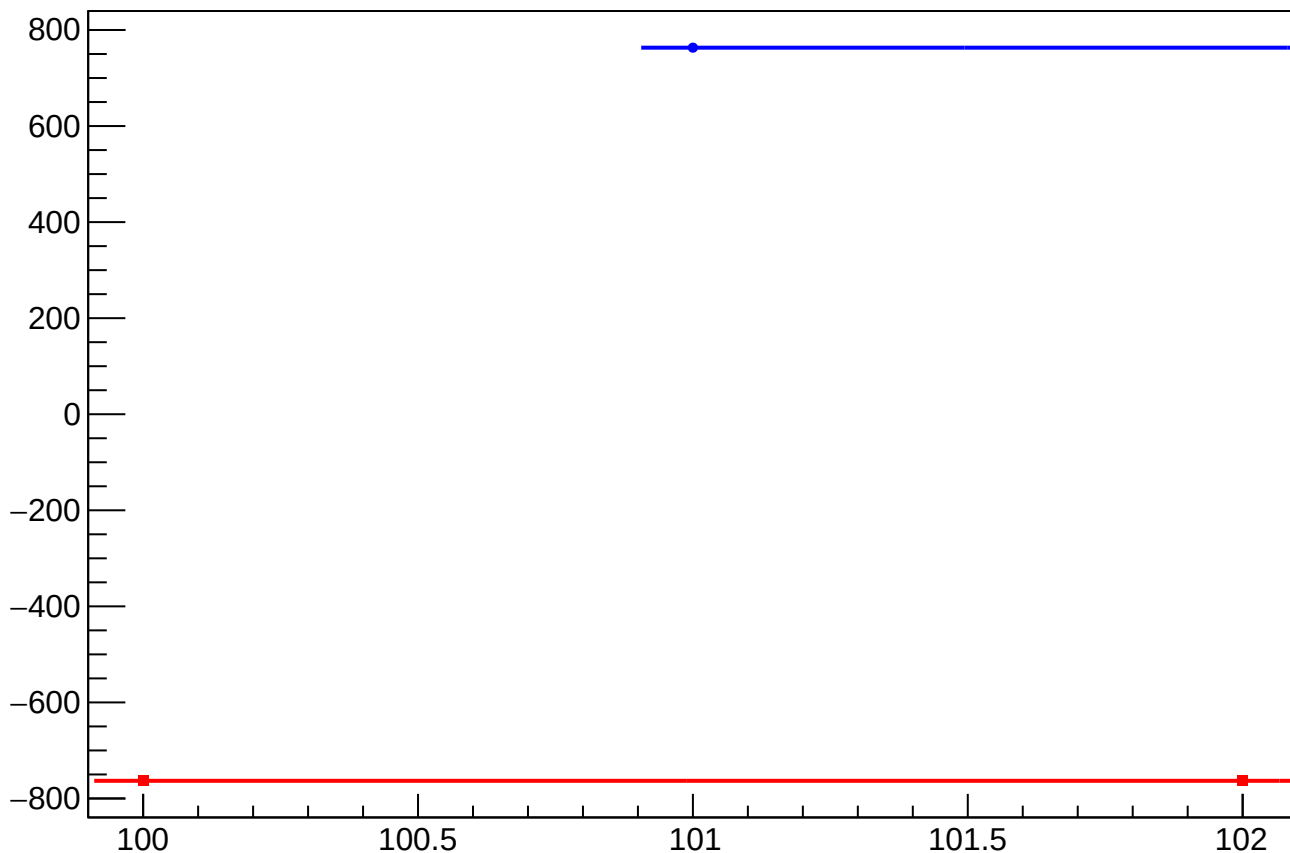
Right: -66.078+/-0.000 χ^2/NDF : 119169801446090

In: 924.966+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -66.078+/-0.000 χ^2/NDF : 119169801446

HacR_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 763.192+/-0.000 χ^2/NDF : 840105.3/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -763.193+/-0.000 χ^2/NDF : 124359088229725788700672.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

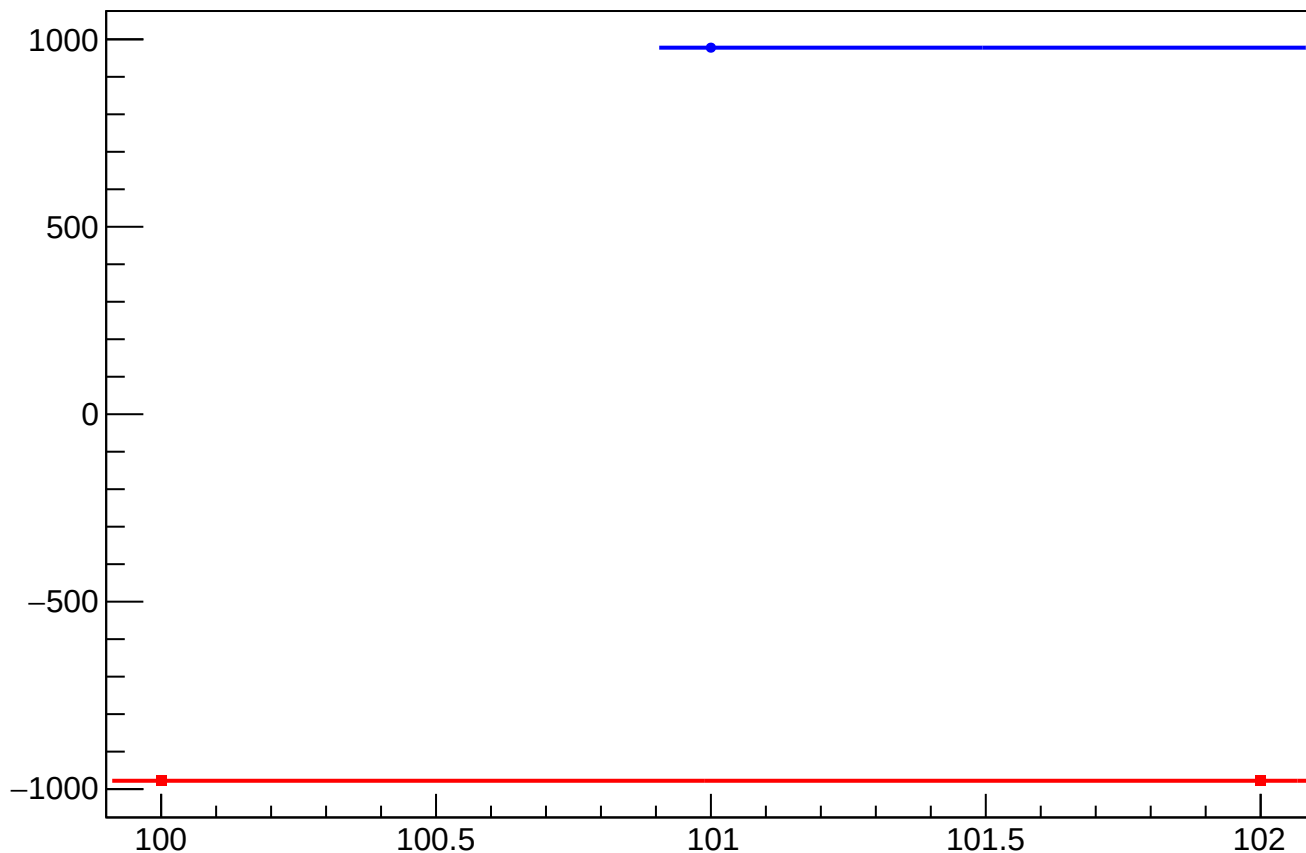
Right: -54.514+/-0.000 χ^2/NDF : 811287435245148

In: 763.192+/-0.000 χ^2/NDF : 840105.3/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -54.514+/-0.000 χ^2/NDF : 811287435245

HacR_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 977.757+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -977.751+/-0.000 χ^2/NDF : 49562531560037506820715053056.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

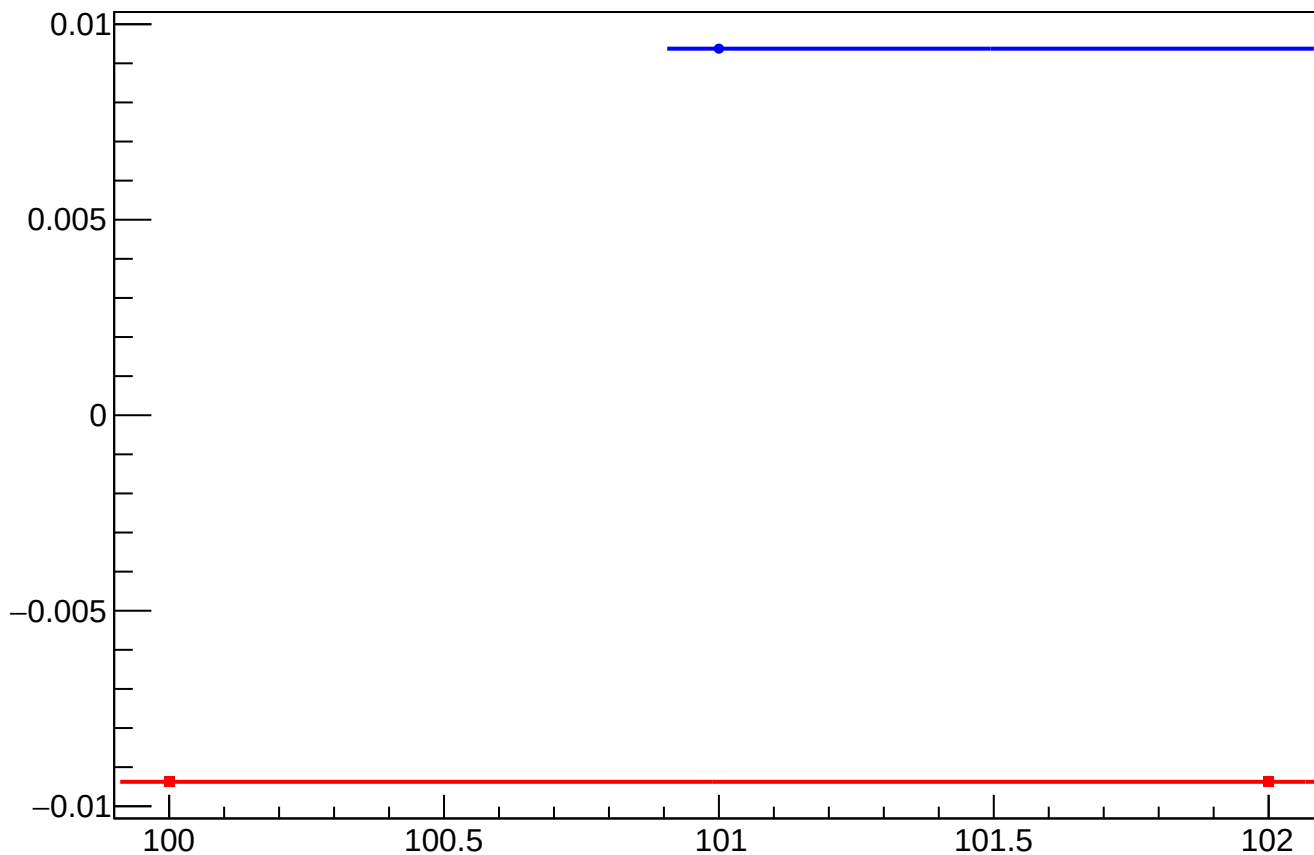
Right: -69.836+/-0.000 χ^2/NDF : 133157595631917

In: 977.757+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -69.836+/-0.000 χ^2/NDF : 133157595631

hesDipole_current_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

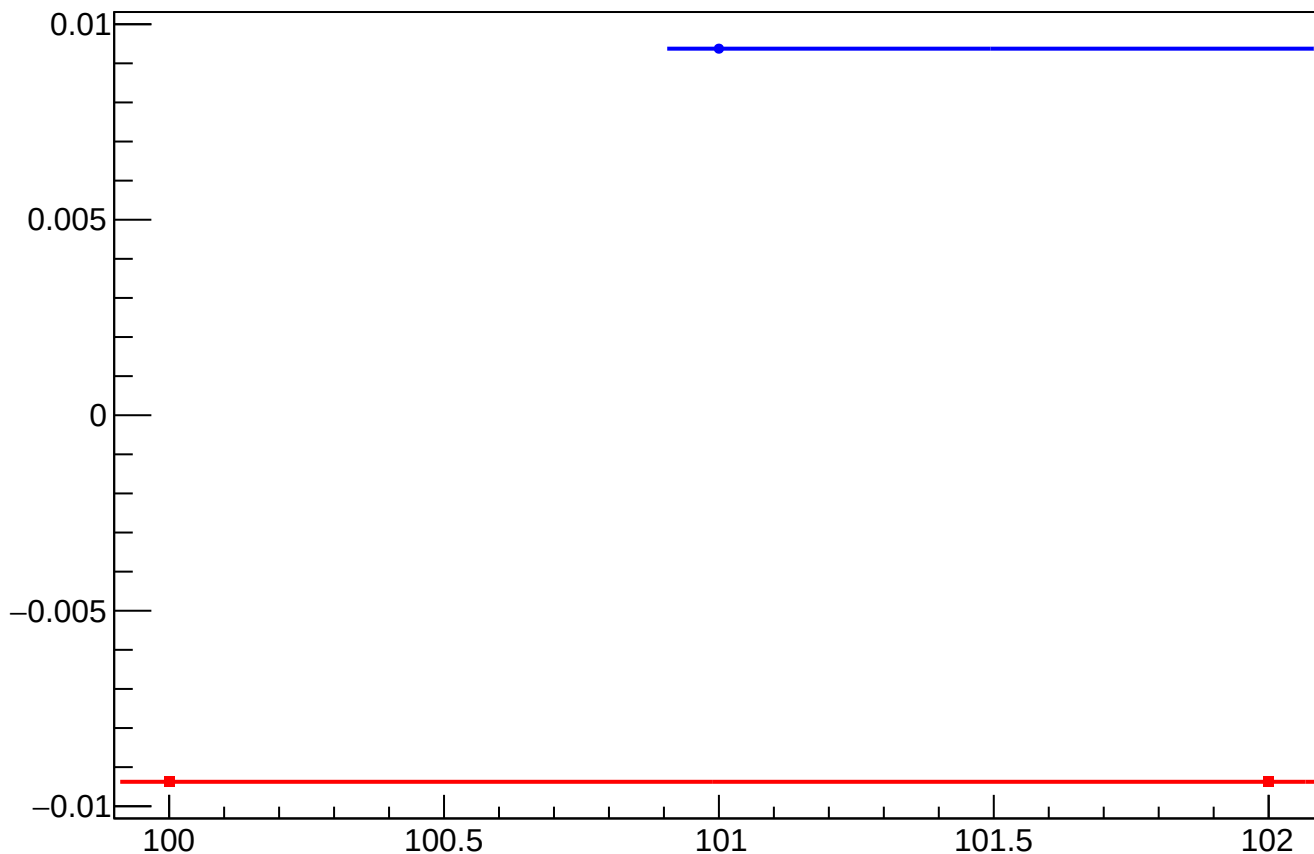
Right: -0.001+/-0.000 χ^2/NDF : 1224190848214285

In: 0.009+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 1224190848214

MSUPERBIGBITereadcalc_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

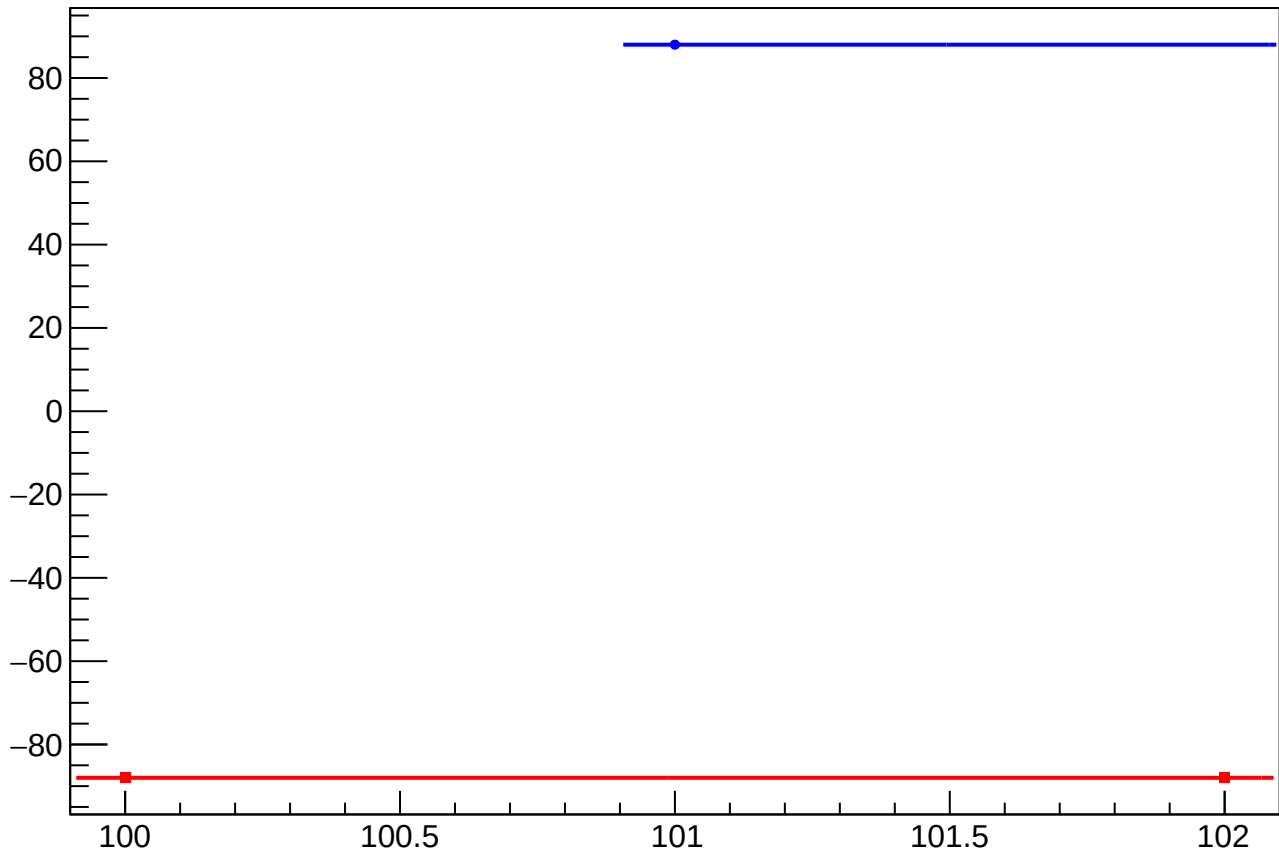
Right: -0.001+/-0.000 χ^2/NDF : 1224190848214285

In: 0.009+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 1224190848214

VWienAngle_mean vs Slug, Sign Corrected



Right In: 88.001+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -88.001+/-0.000 χ^2/NDF : 12722.7/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

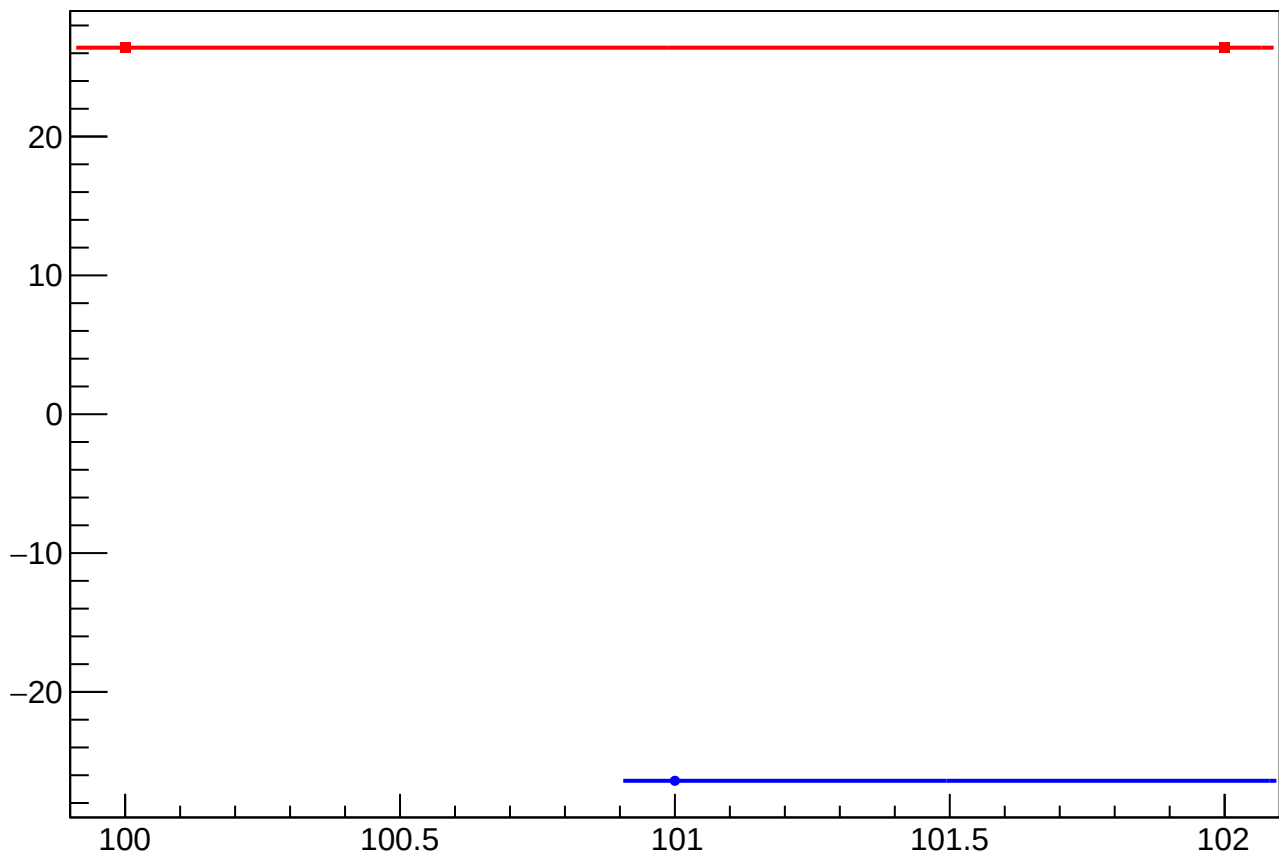
Right: -6.286+/-0.000 χ^2/NDF : 1078645808104575

In: 88.001+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.286+/-0.000 χ^2/NDF : 1078645808104

HWienAngle_mean vs Slug, Sign Corrected



Right In: -26.401 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 26.401 $\pm$ 0.000 χ^2 /NDF: 32059.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

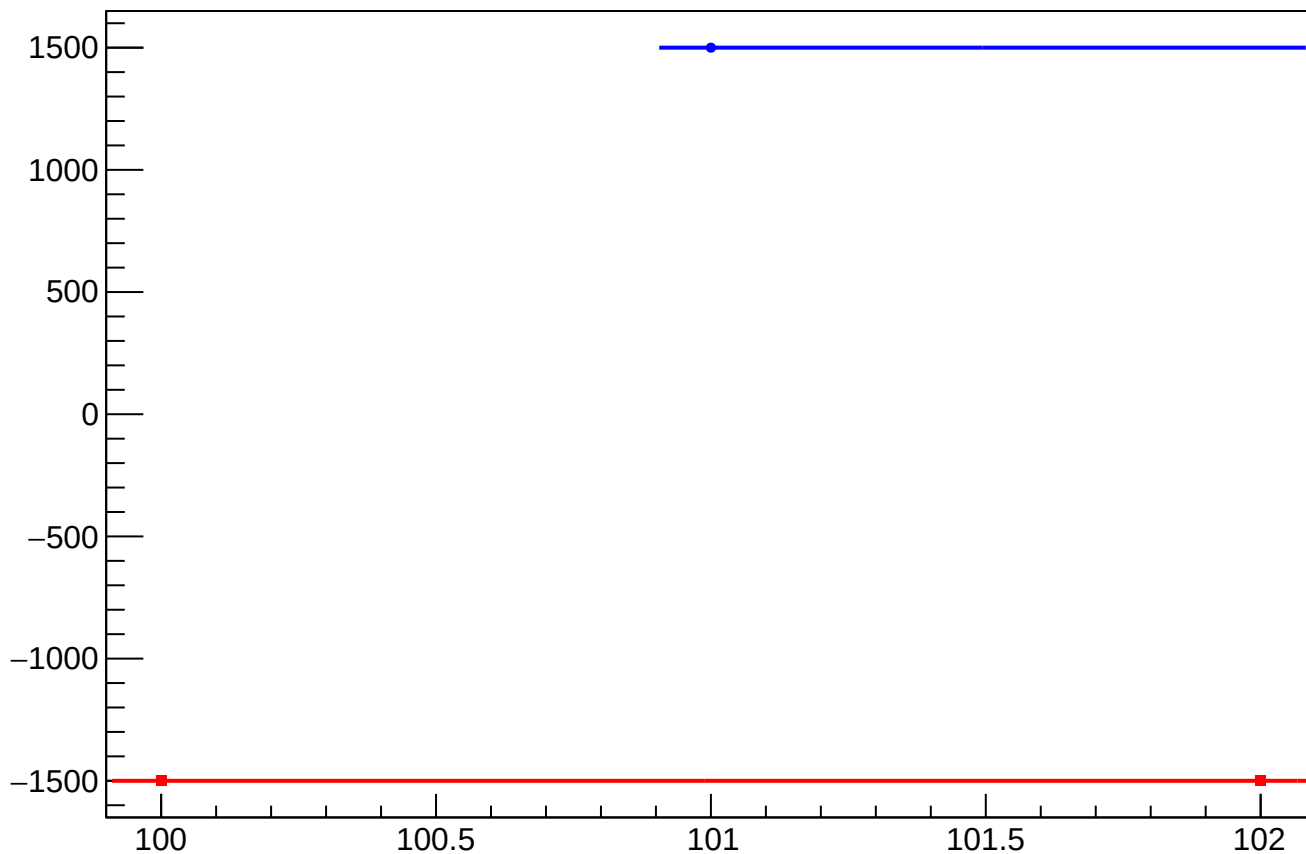
Right: 1.886 $\pm$ 0.000 χ^2 /NDF: 97081742479574670

In: -26.401 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.886 $\pm$ 0.000 χ^2 /NDF: 97081742479574

psub_pl_pos_mean vs Slug, Sign Corrected



Right In: 1500.001+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1500.001+/-0.000 χ^2/NDF : 52112378.6/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

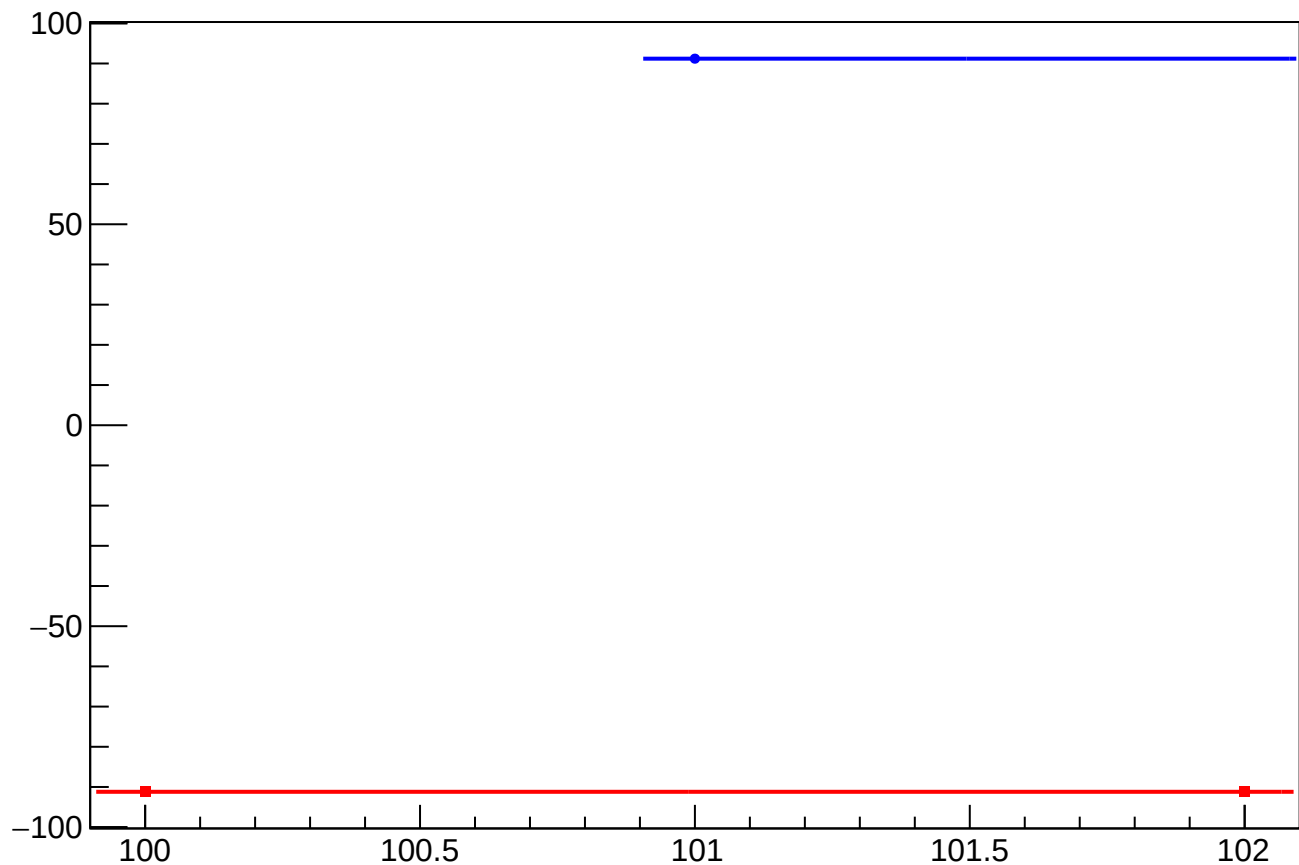
Right: -107.143+/-0.000 χ^2/NDF : 31339315094872

In: 1500.001+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -107.143+/-0.000 χ^2/NDF : 31339315094

Phi_FG_mean vs Slug, Sign Corrected



Right In: 91.199+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -91.199+/-0.000 χ^2/NDF : 64623.5/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

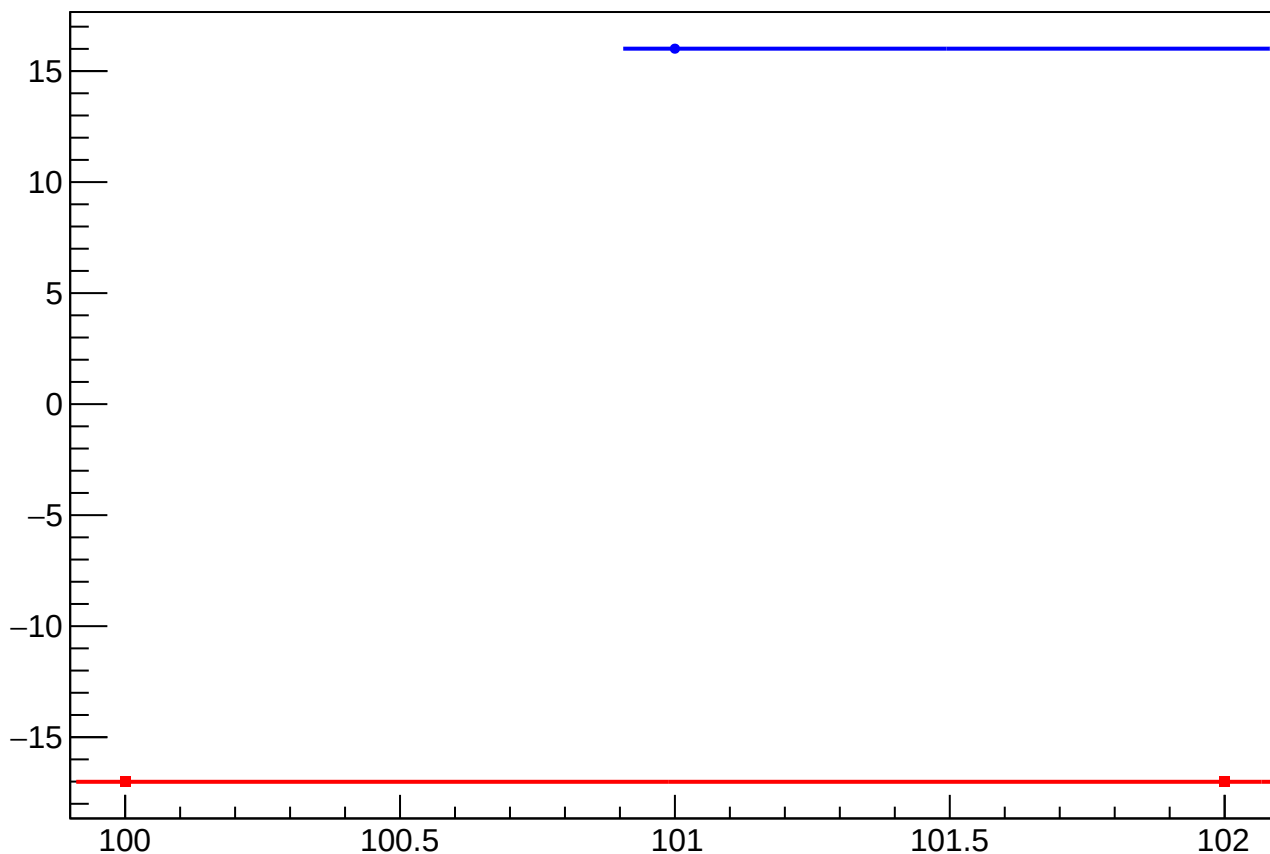
Right: -6.514+/-0.000 χ^2/NDF : 1158482708104574

In: 91.199+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.514+/-0.000 χ^2/NDF : 1158482708104

IGL1I00DI24_24M_mean vs Slug, Sign Corrected



Right In: 16.009+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.009+/-0.000 χ^2/NDF : 3067.1/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

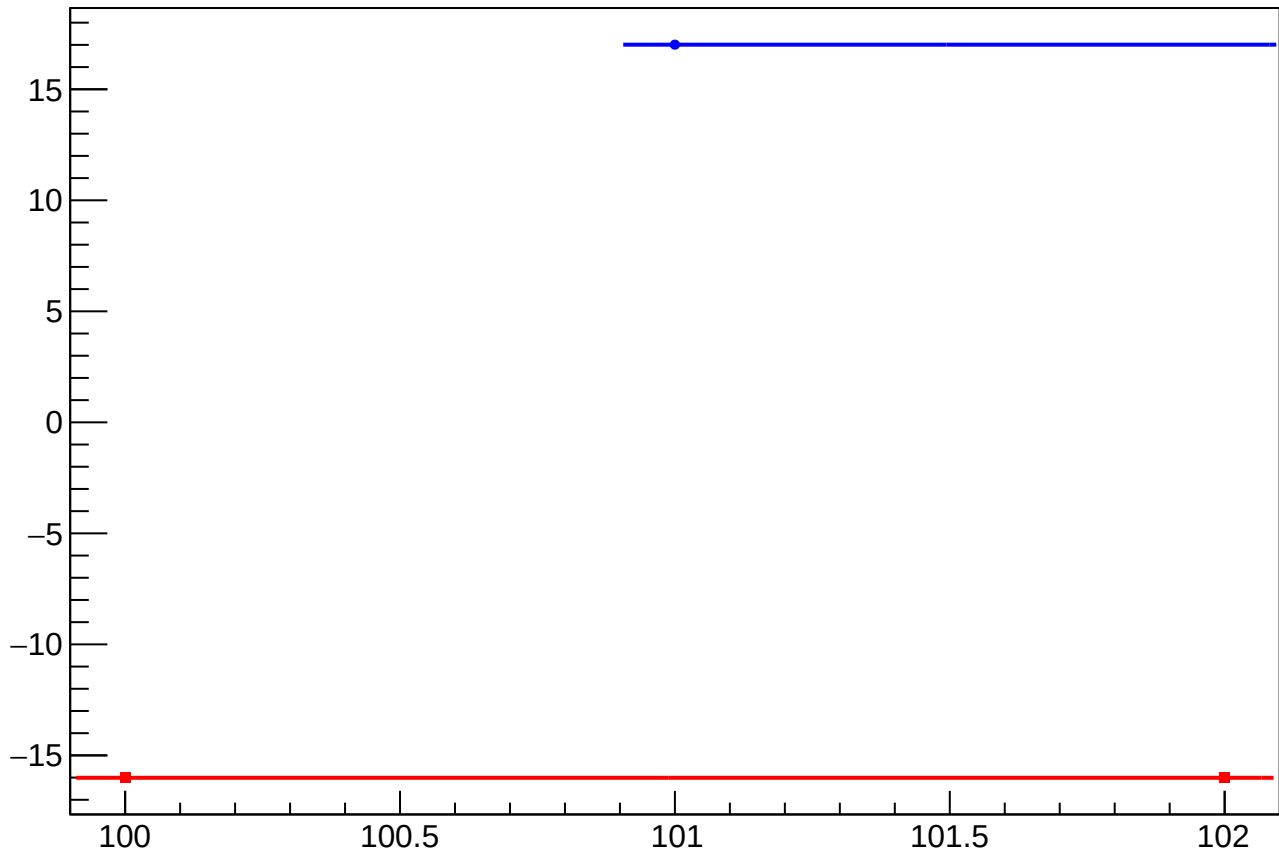
Right: -1.679+/-0.000 χ^2/NDF : 3796363947405135

In: 16.009+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.679+/-0.000 χ^2/NDF : 3796363947405

IGL1I00OD16_16_mean vs Slug, Sign Corrected



Right In: 17.009+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.009+/-0.000 χ^2/NDF : 353.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

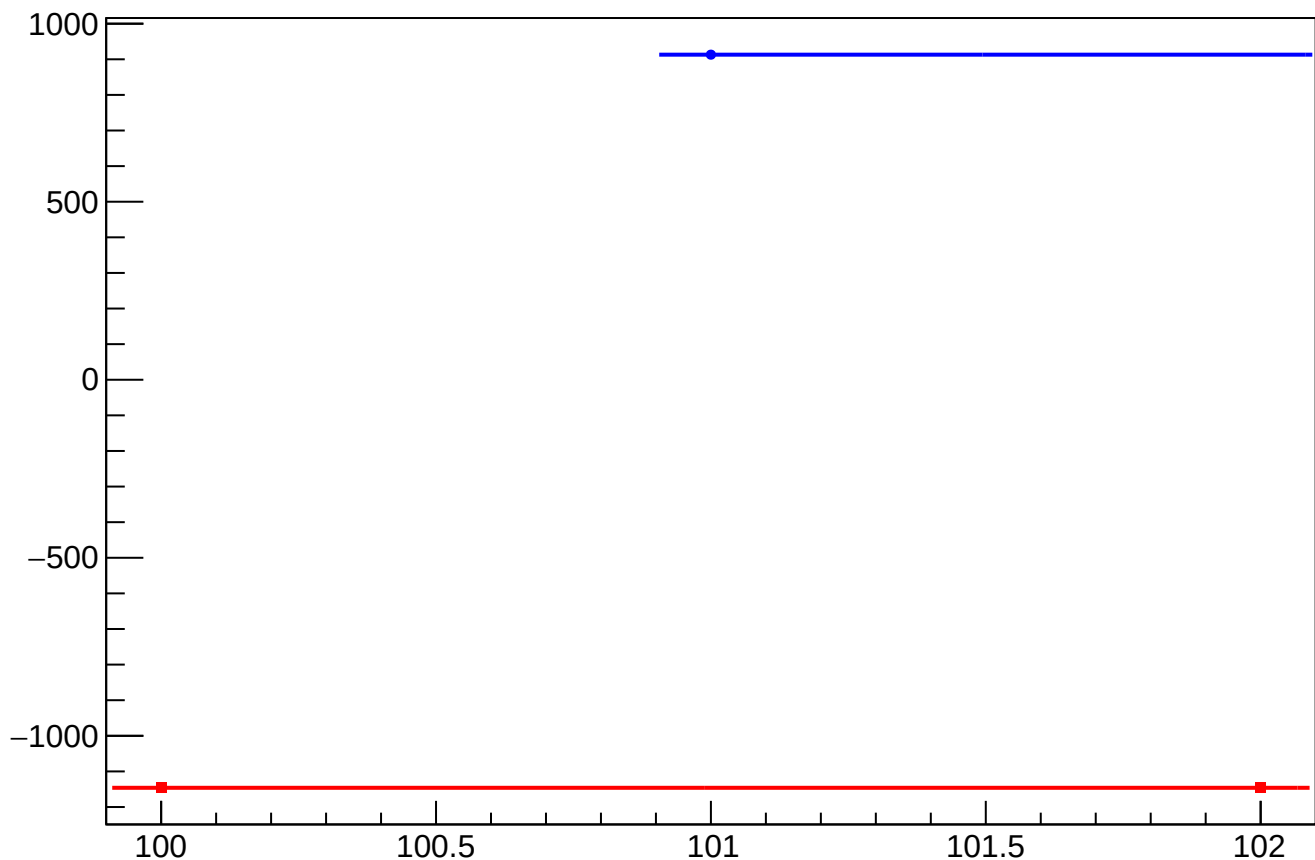
Right: -1.894+/-0.000 χ^2/NDF : 3495419066078245

In: 17.009+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.894+/-0.000 χ^2/NDF : 3495419066078

RTPAPOSUCNT_mean vs Slug, Sign Corrected



Right In: 912.991 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1146.009 $\pm$ 0.000 χ^2 /NDF: 6772541.3/1

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

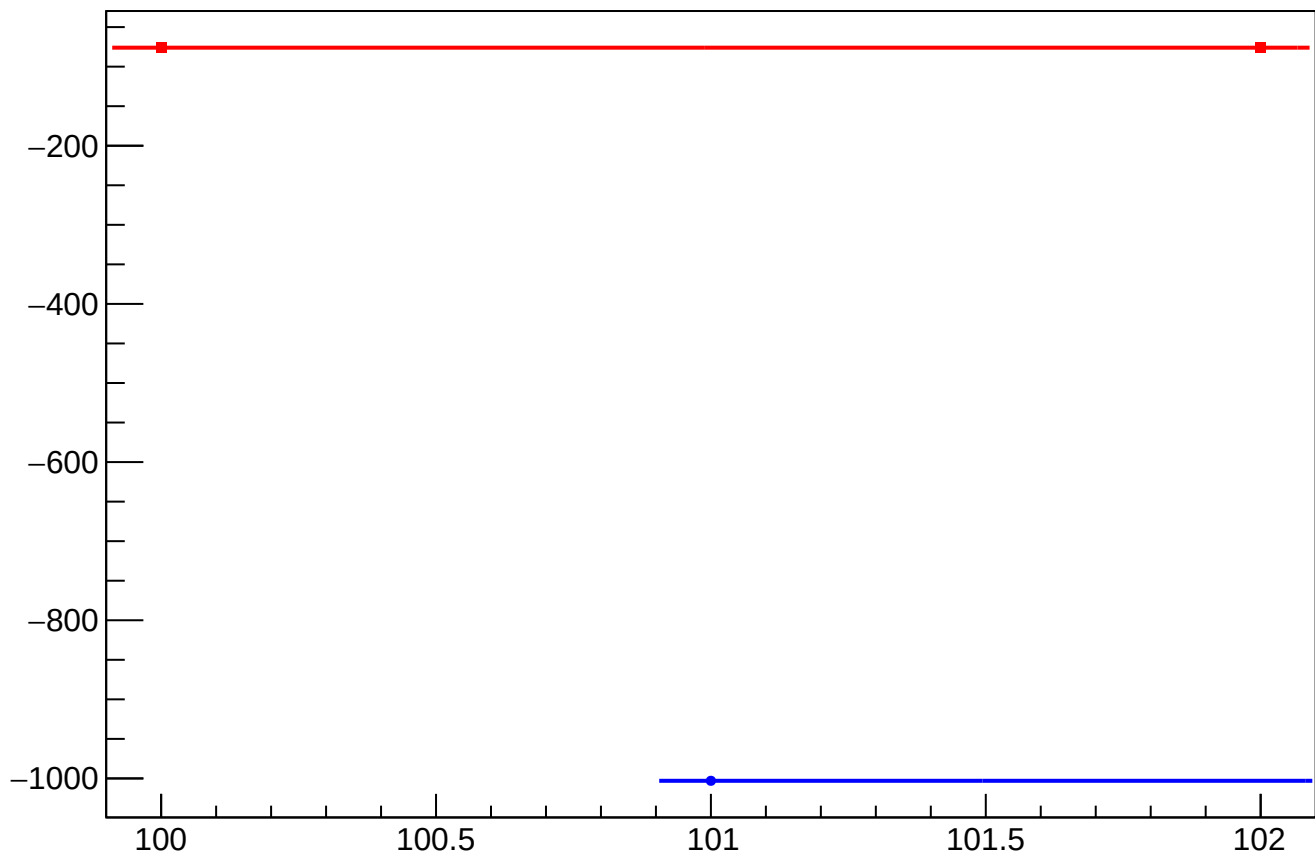
Right: -190.045 $\pm$ 0.000 χ^2 /NDF: 14762478482142

In: 912.991 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -190.045 $\pm$ 0.000 χ^2 /NDF: 14762478482

RTPAPOSVCNT_mean vs Slug, Sign Corrected



Right In: -1002.991+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -76.009+/-0.000 χ^2/NDF : 17829950894640661004288.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

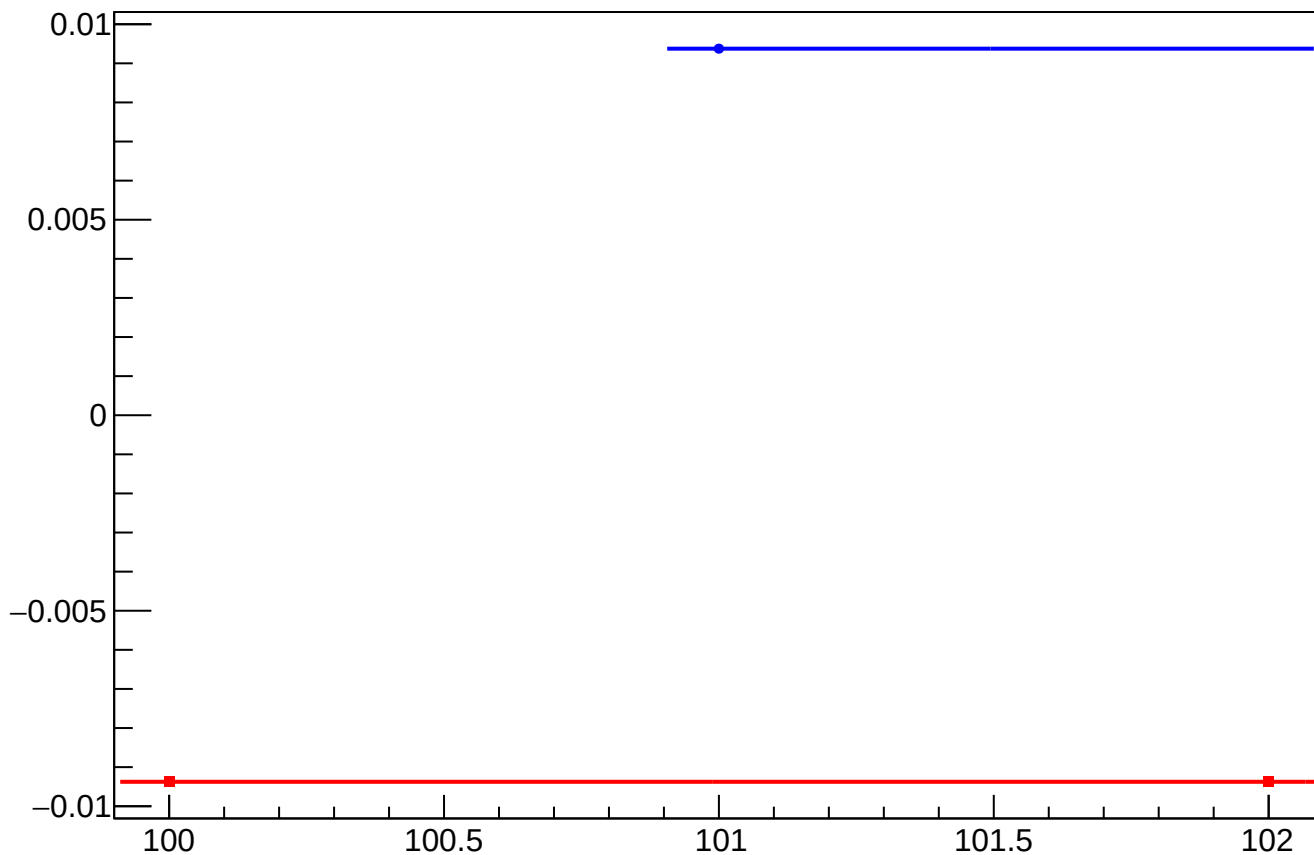
Right: -506.394+/-0.000 χ^2/NDF : 29921849822791

In: -1002.991+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -506.394+/-0.000 χ^2/NDF : 29921849822

RTPPITA1CNT_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

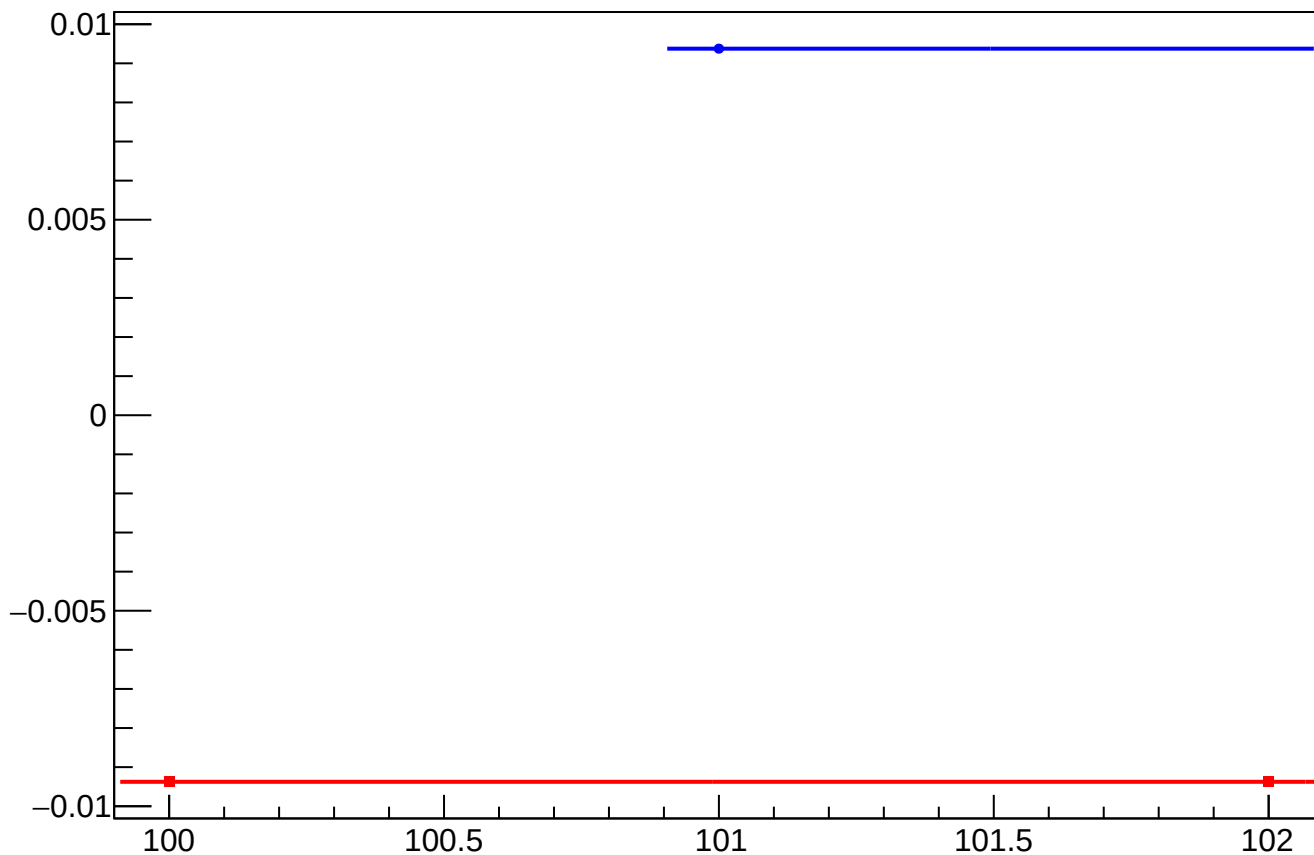
Right: -0.001+/-0.000 χ^2/NDF : 1224190848214285

In: 0.009+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 1224190848214

RTPPITA2CNT_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: -0.001+/-0.000 χ^2/NDF : 1224190848214285

In: 0.009+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 1224190848214